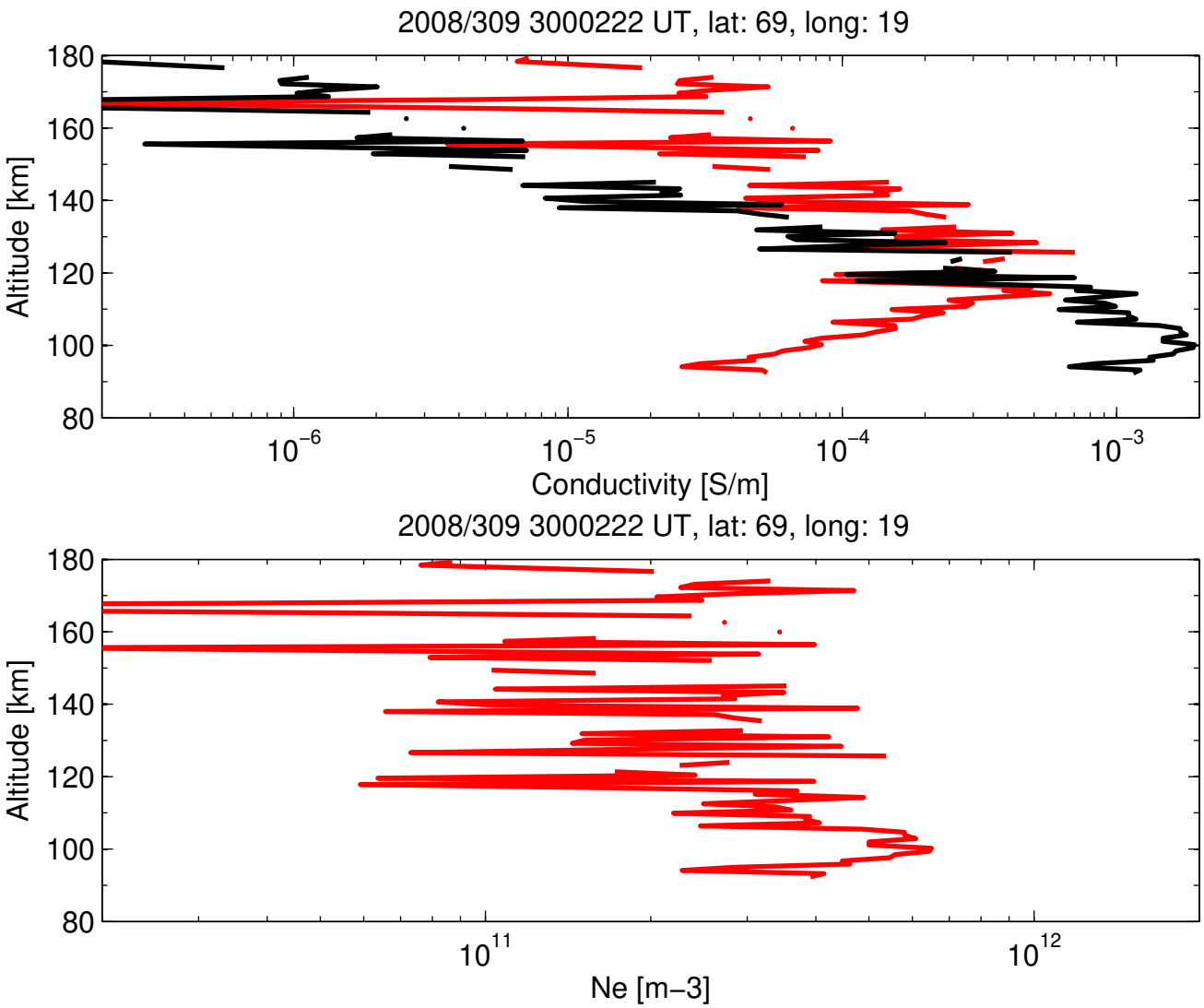
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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3000222 UT, lat: 69, long: 19
Altitude [km]
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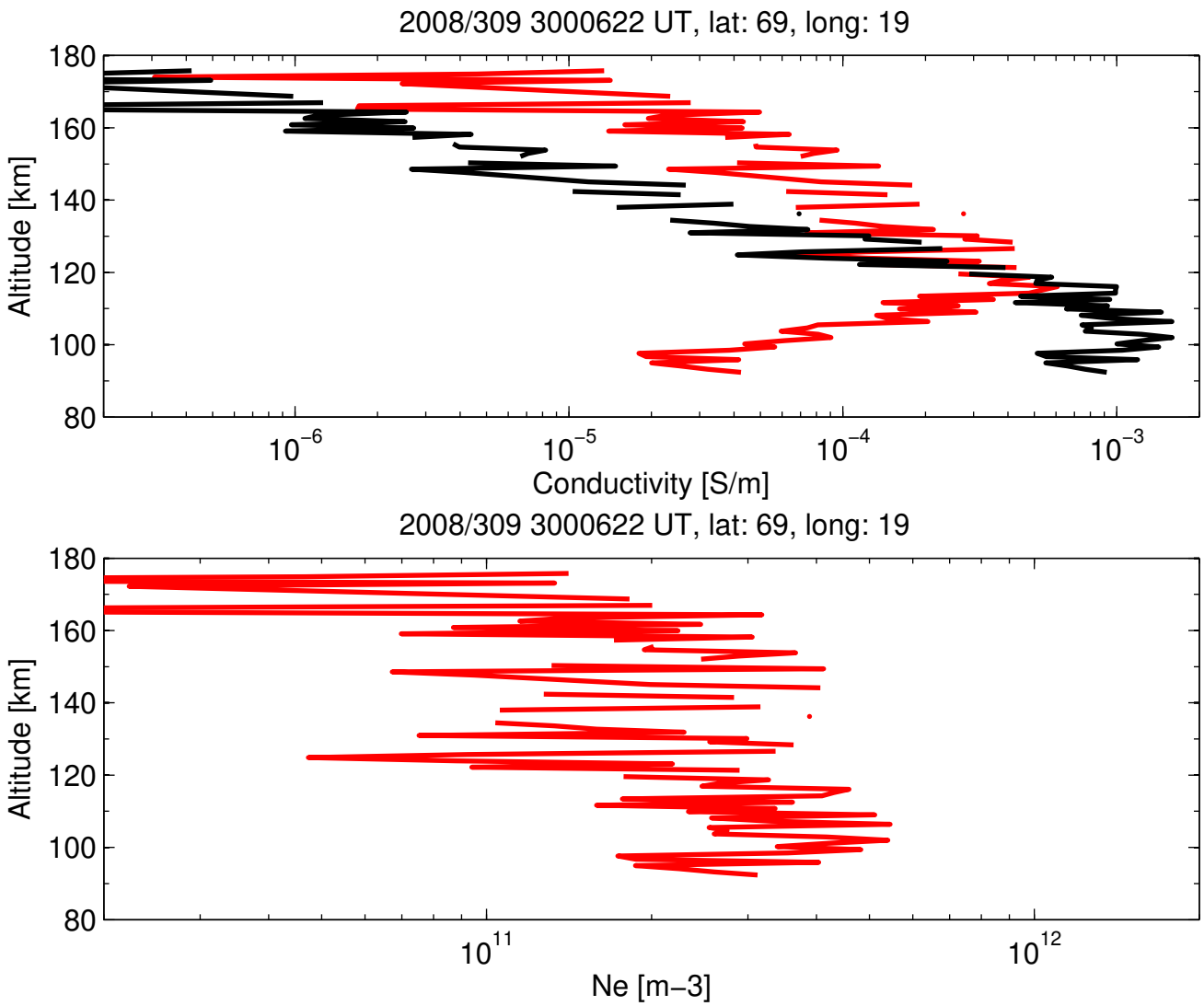
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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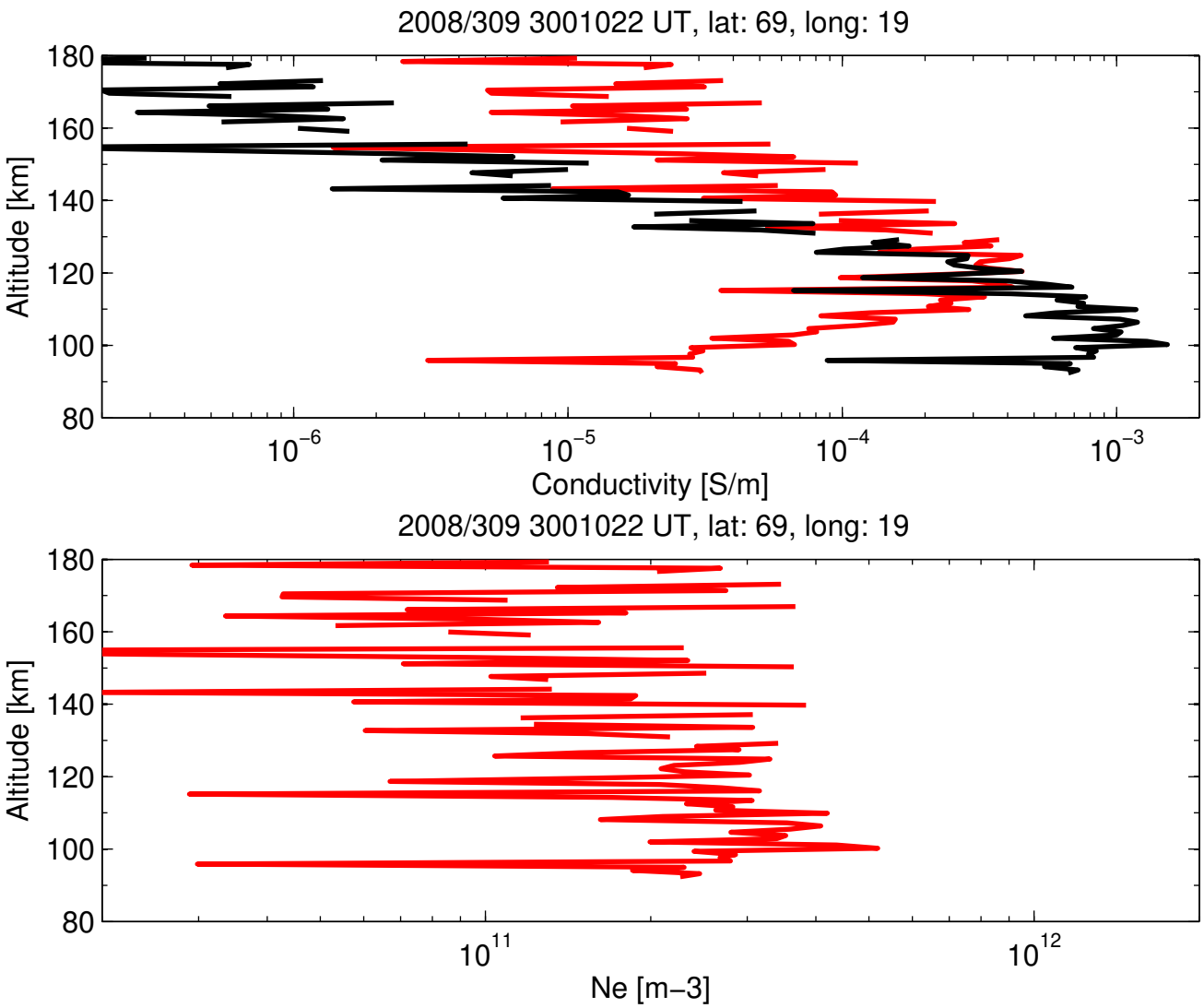
10^{12}
Ne [m−3]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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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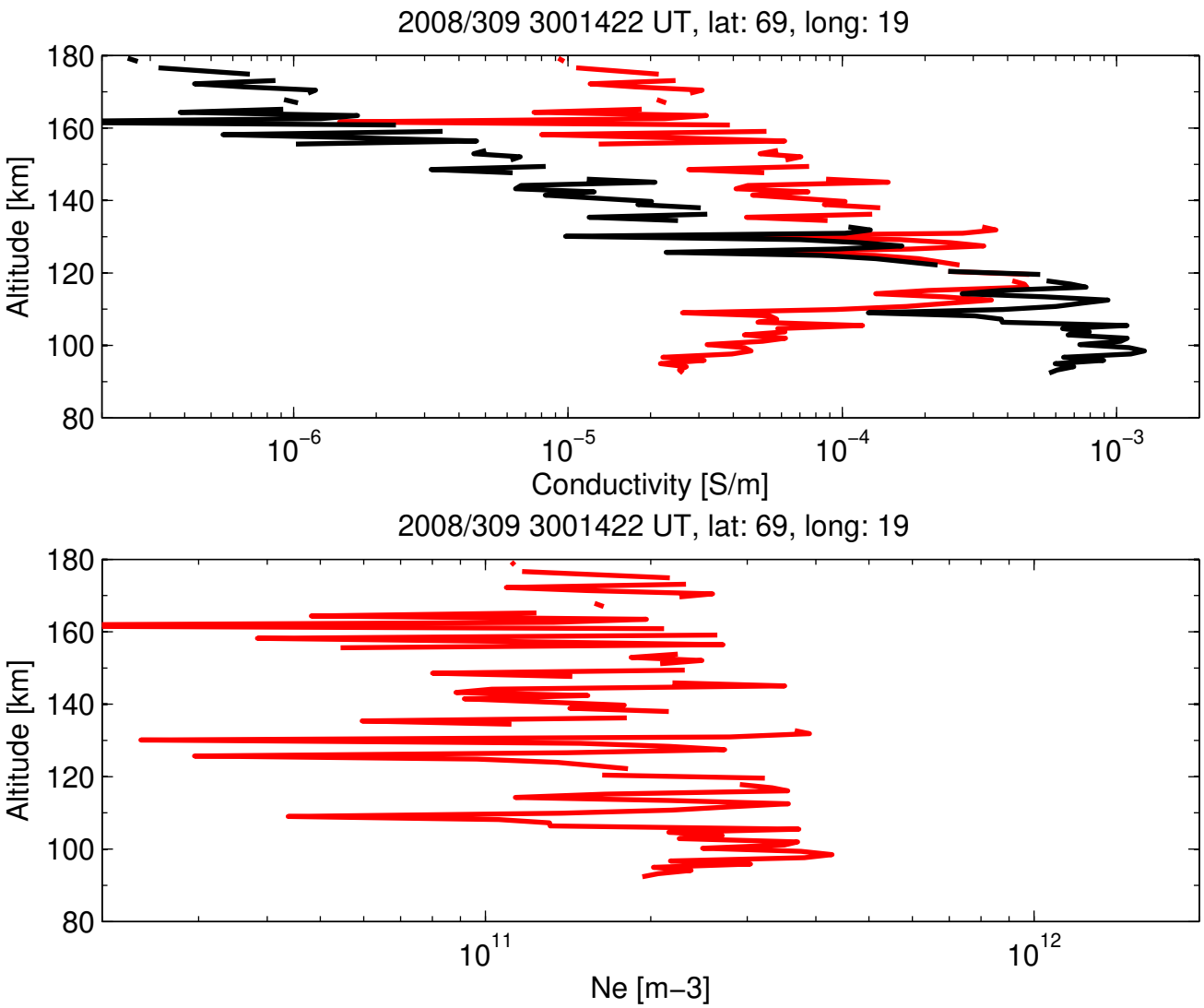
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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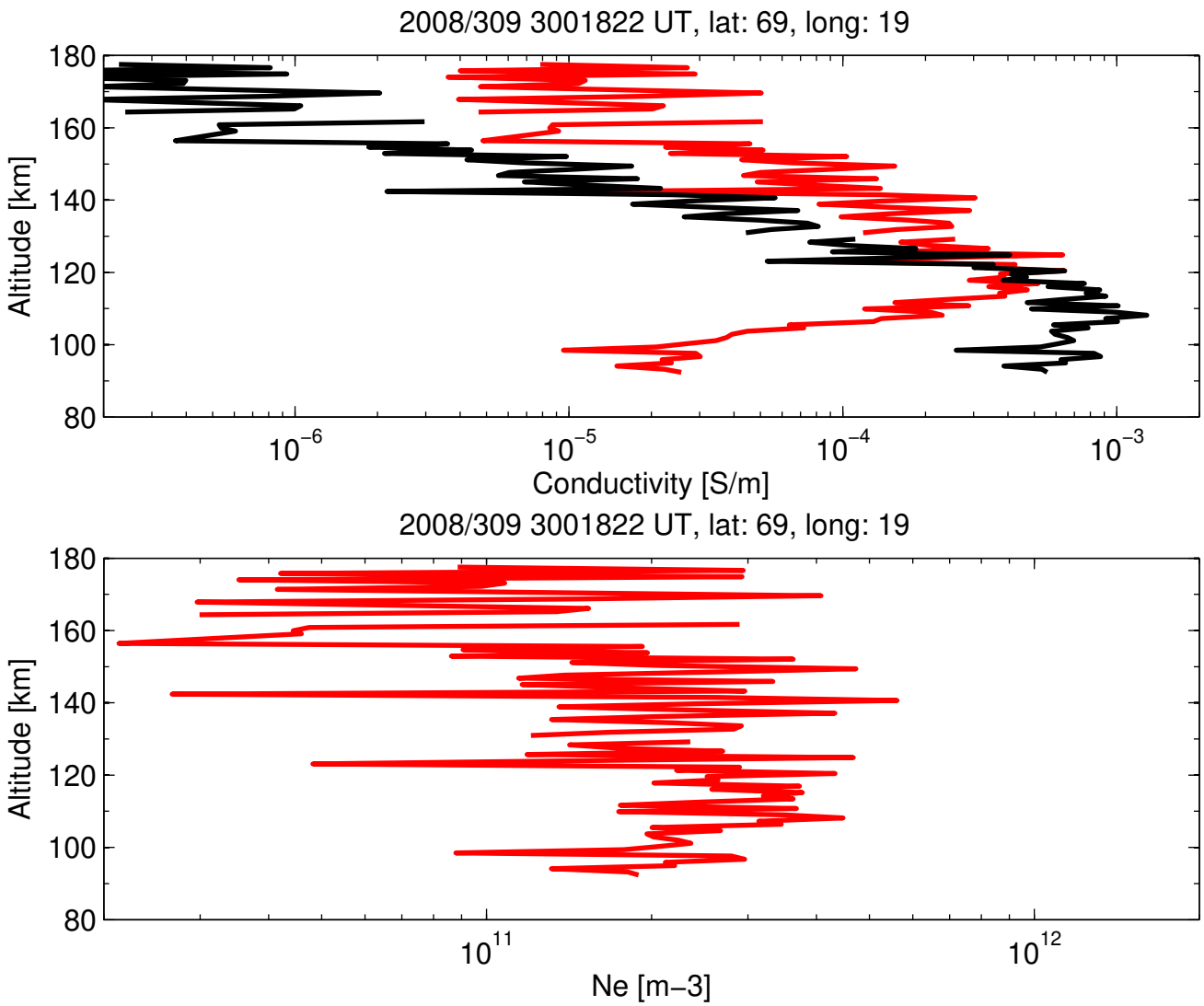
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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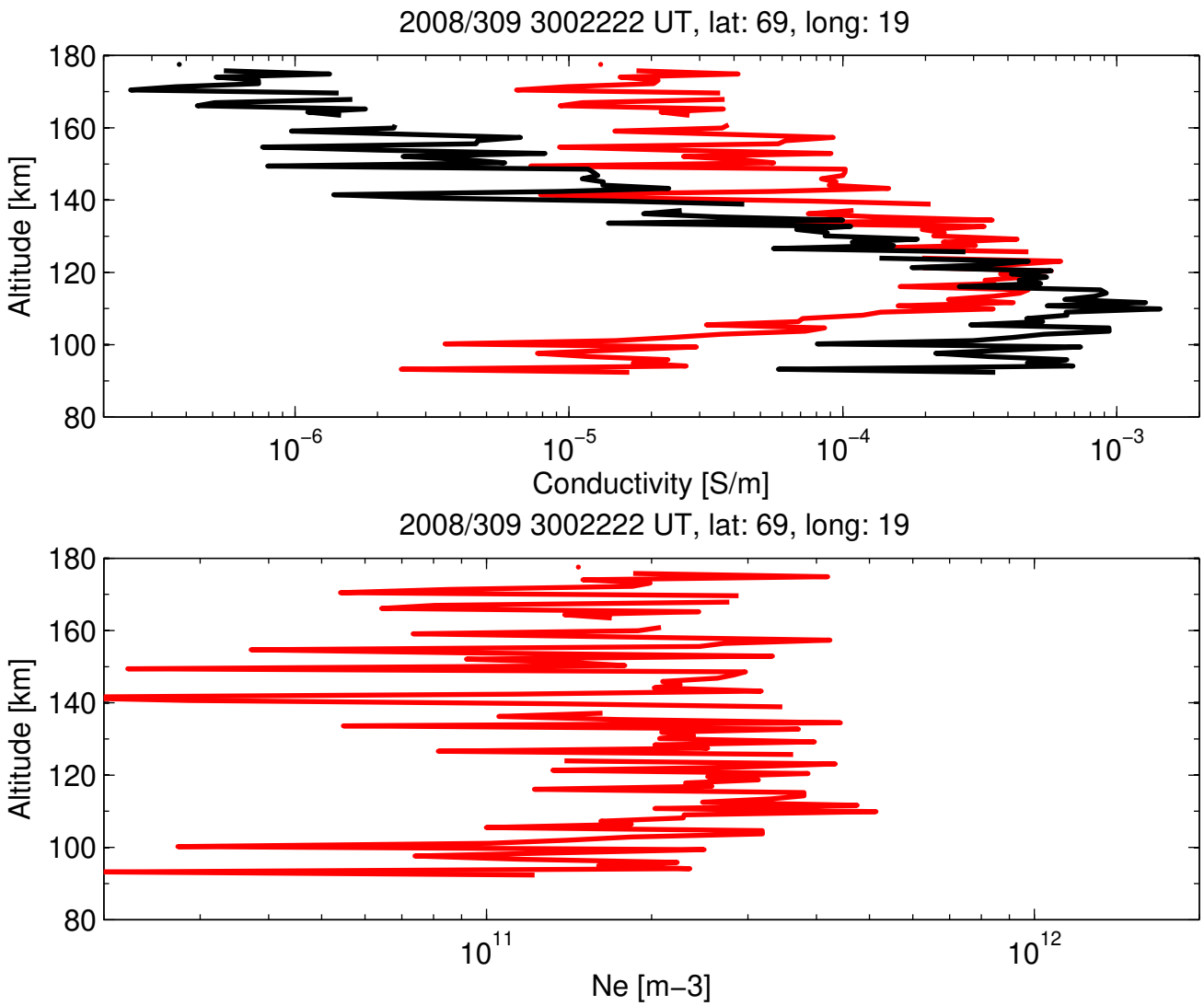
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3002222 UT, lat: 69, long: 19
Altitude [km]
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10^{12}
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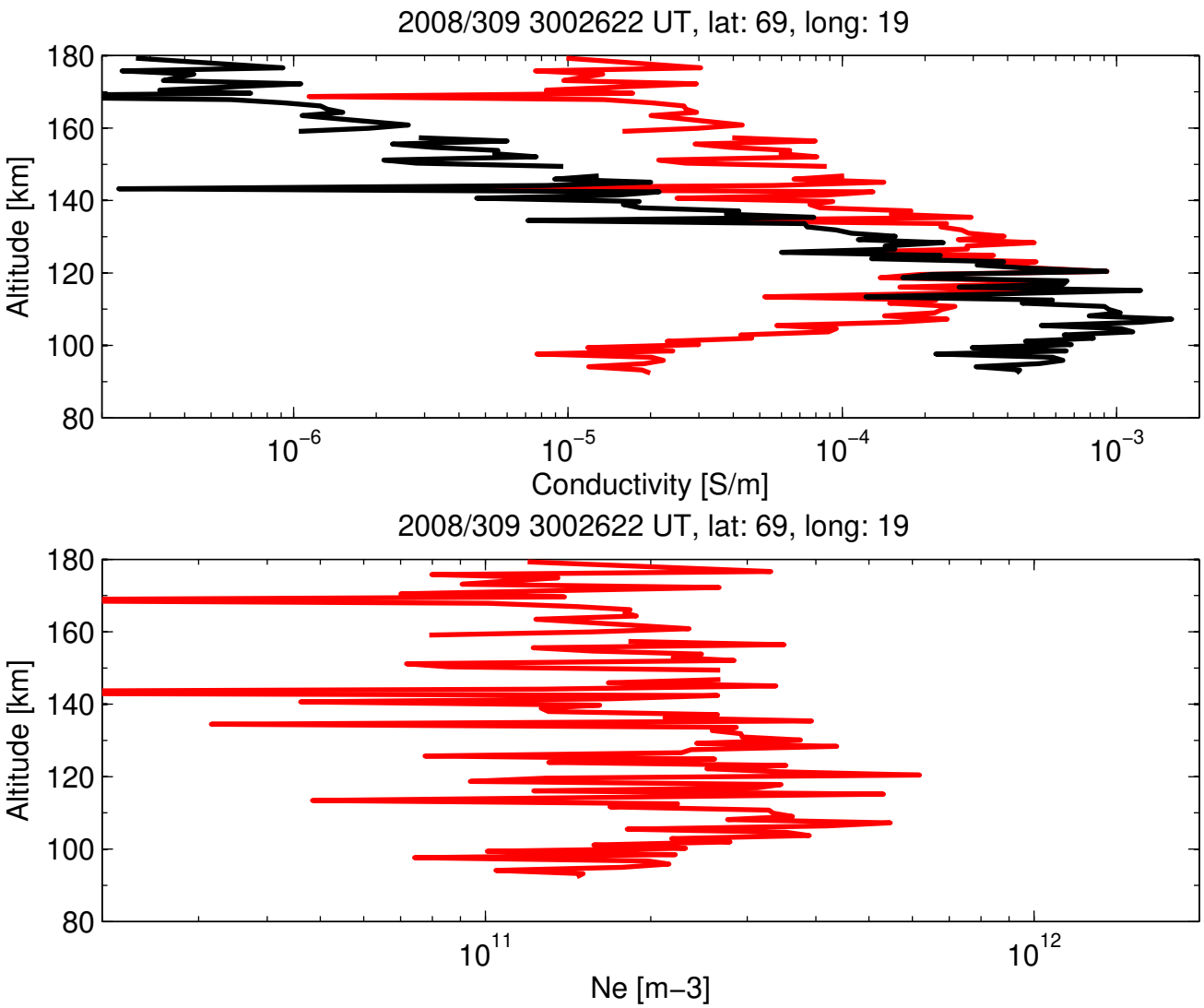
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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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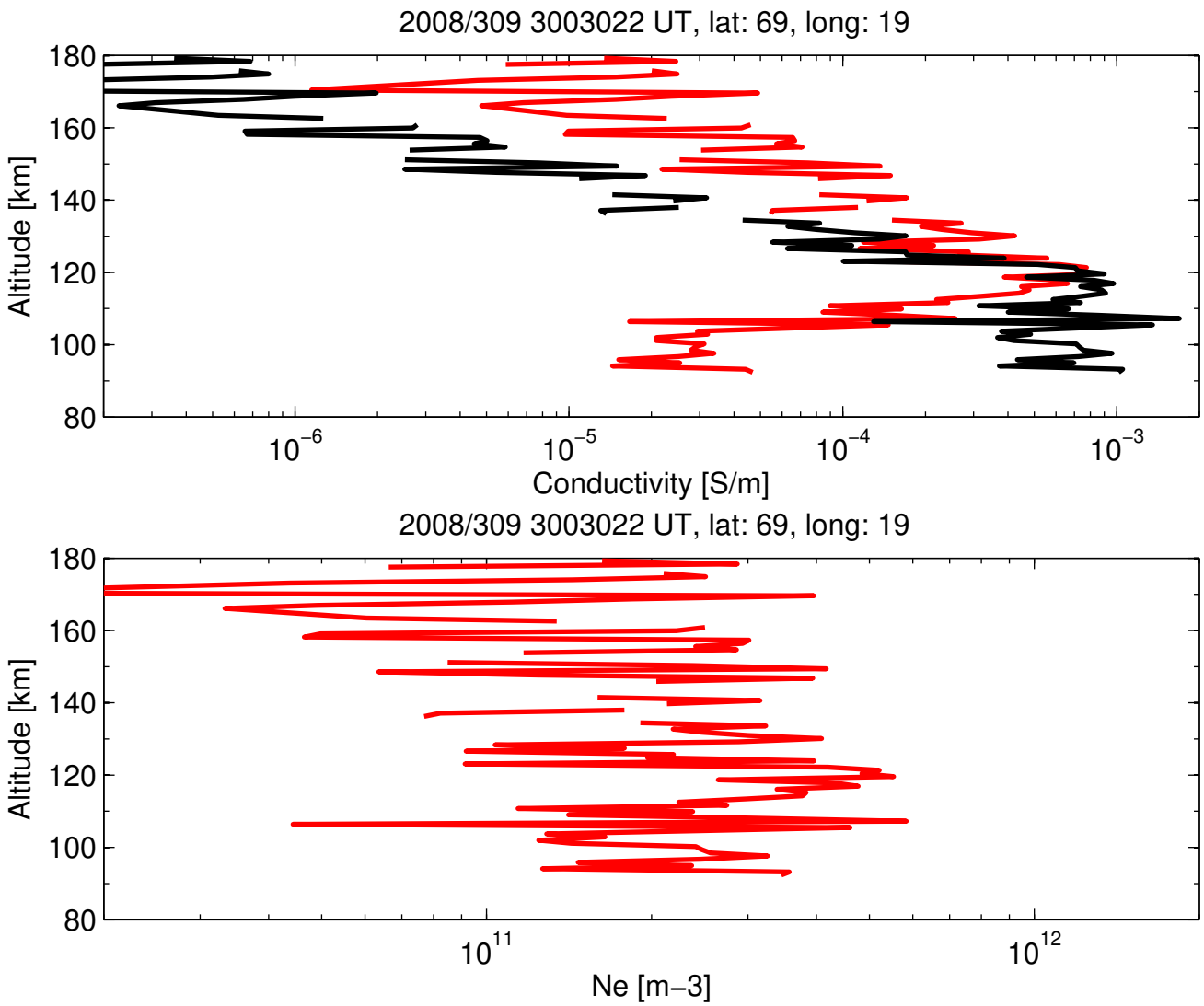
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
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Conductivity [S/m]
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Altitude [km]
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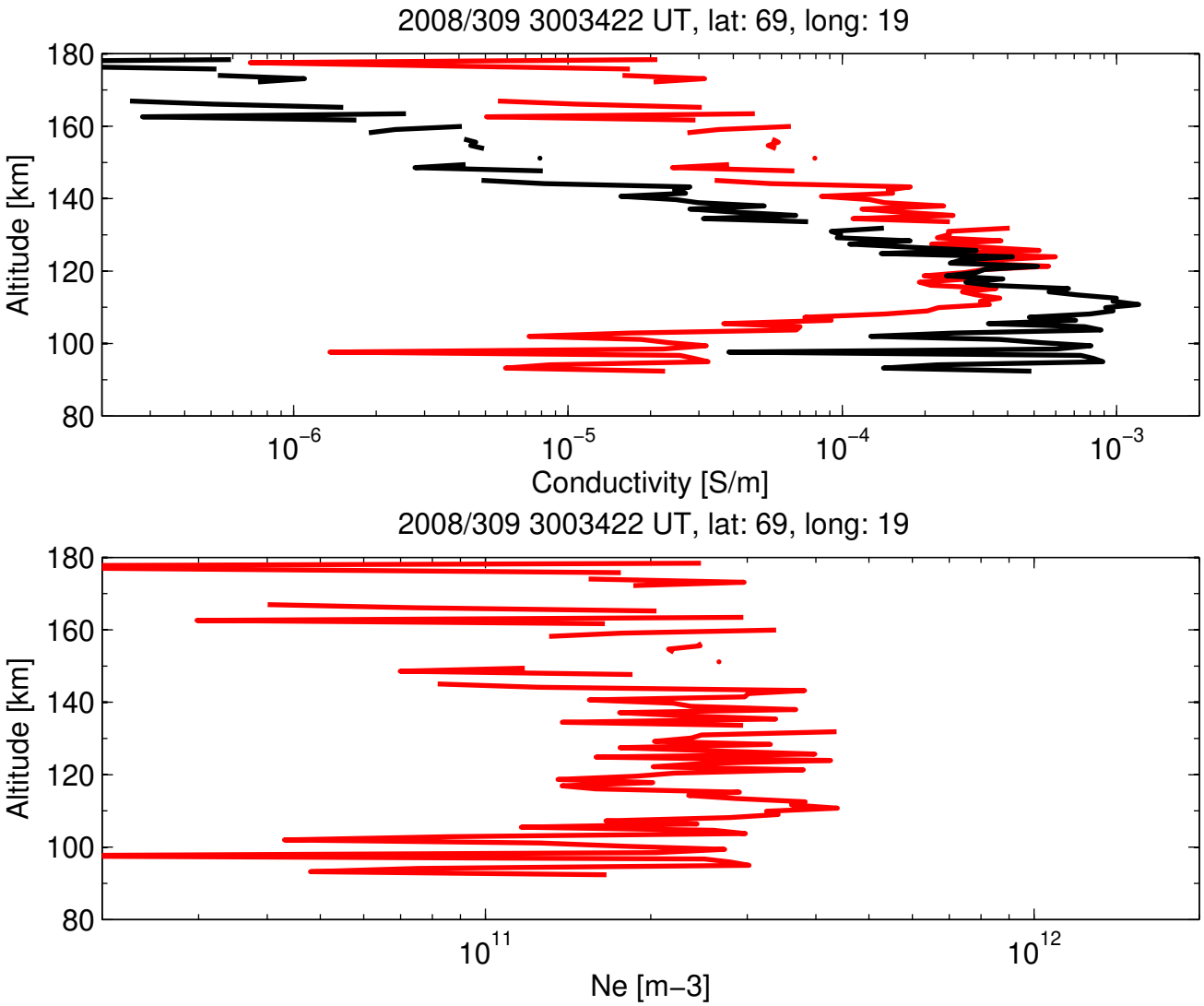
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3003422 UT, lat: 69, long: 19
Altitude [km]
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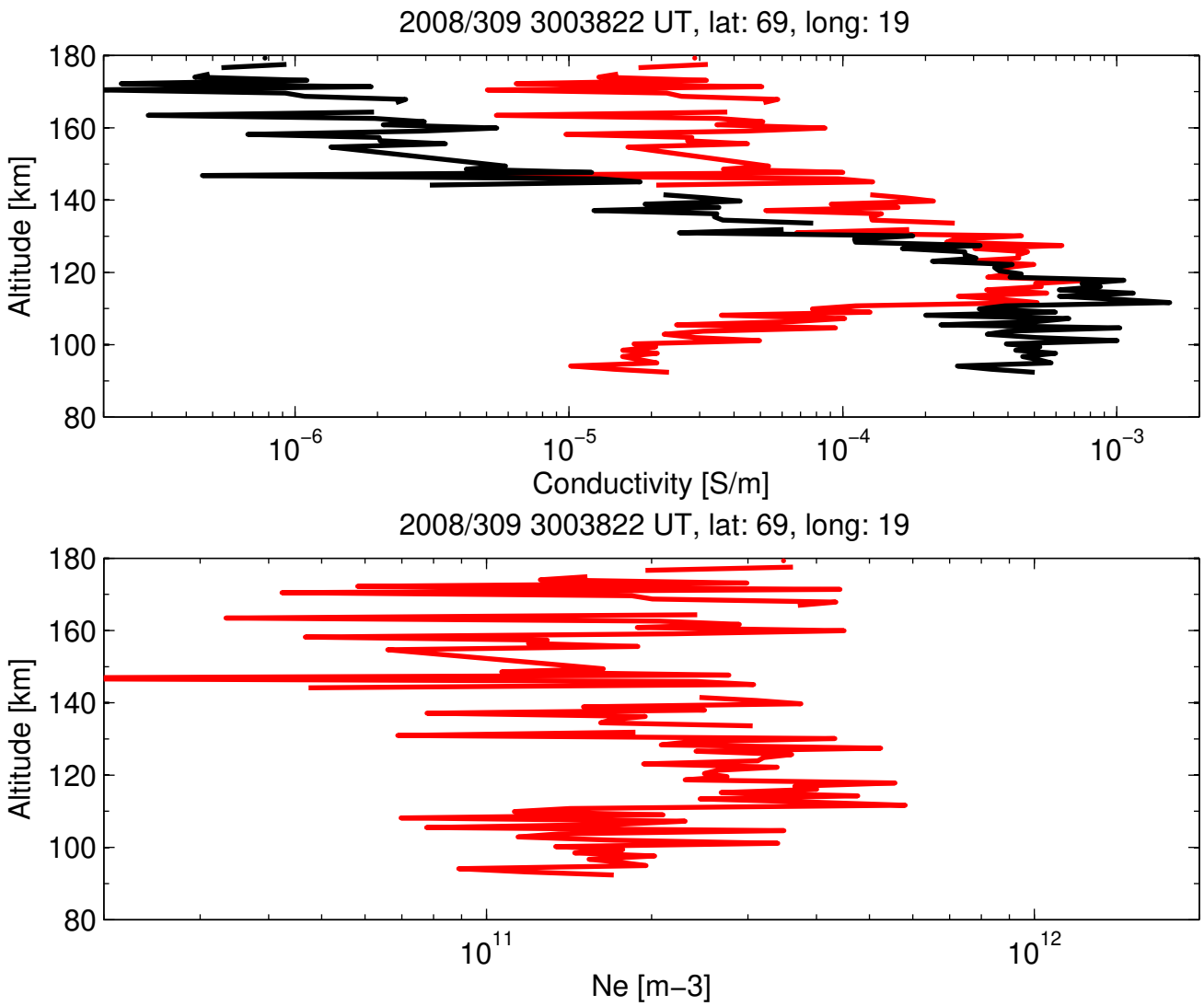
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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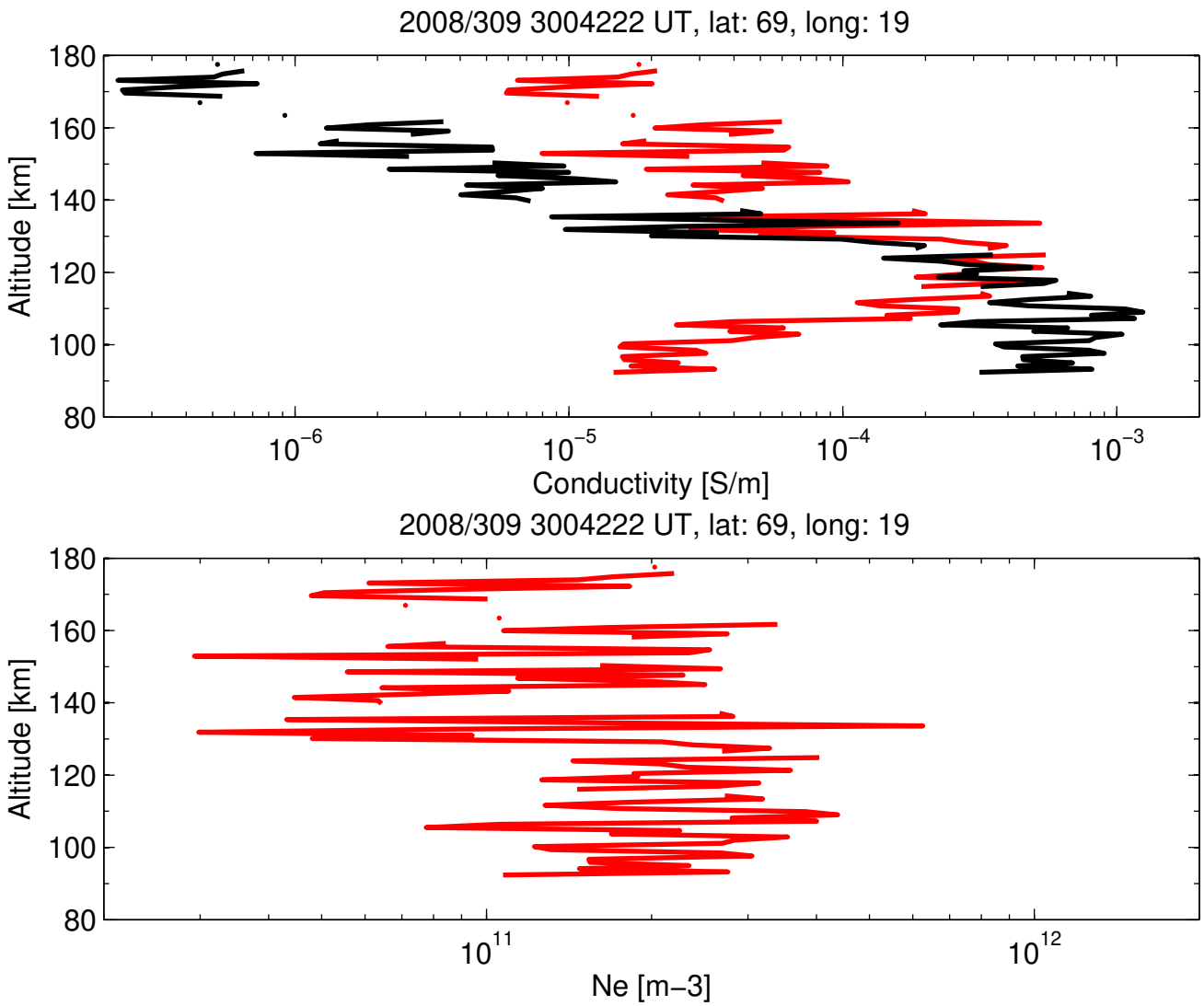
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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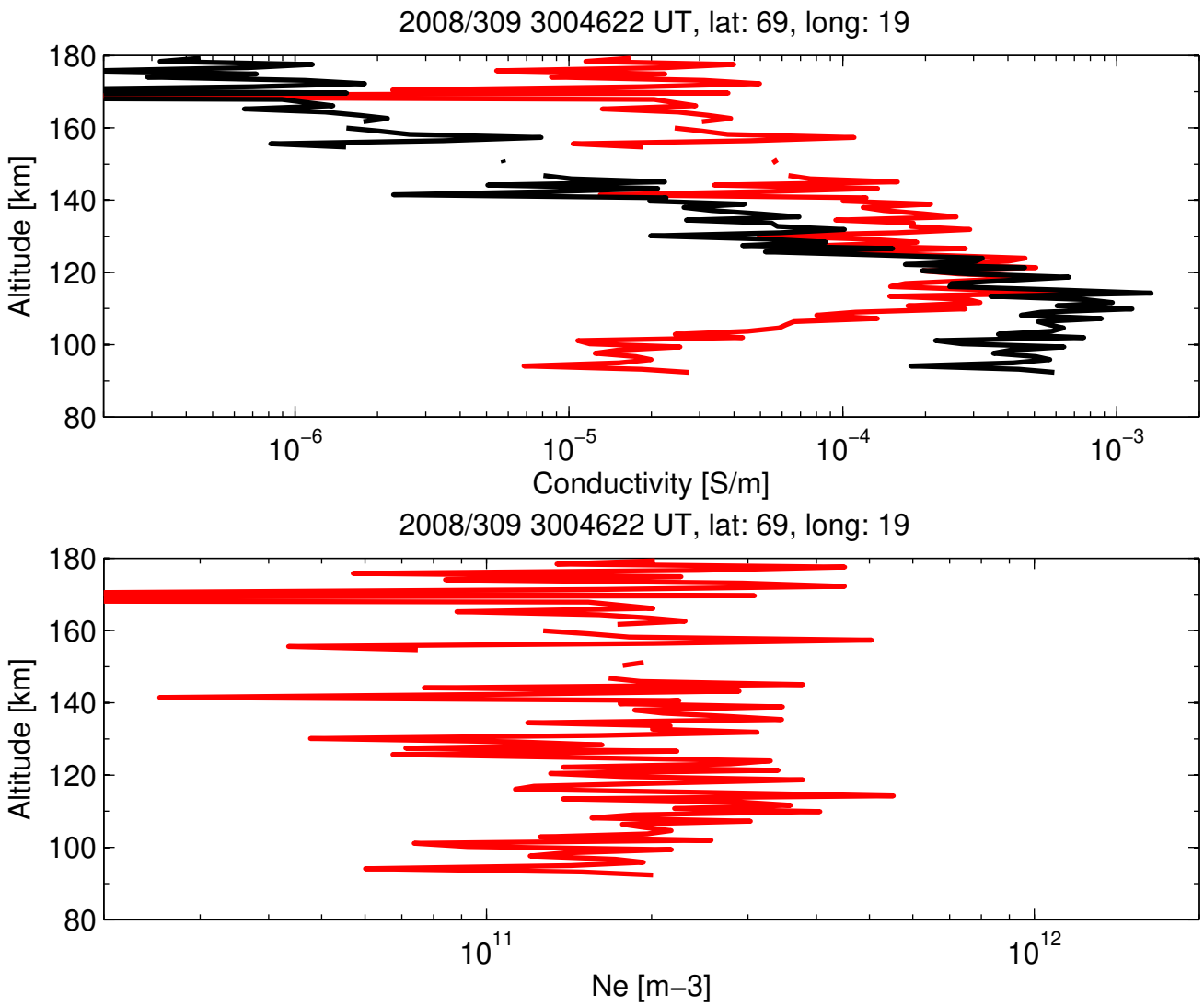
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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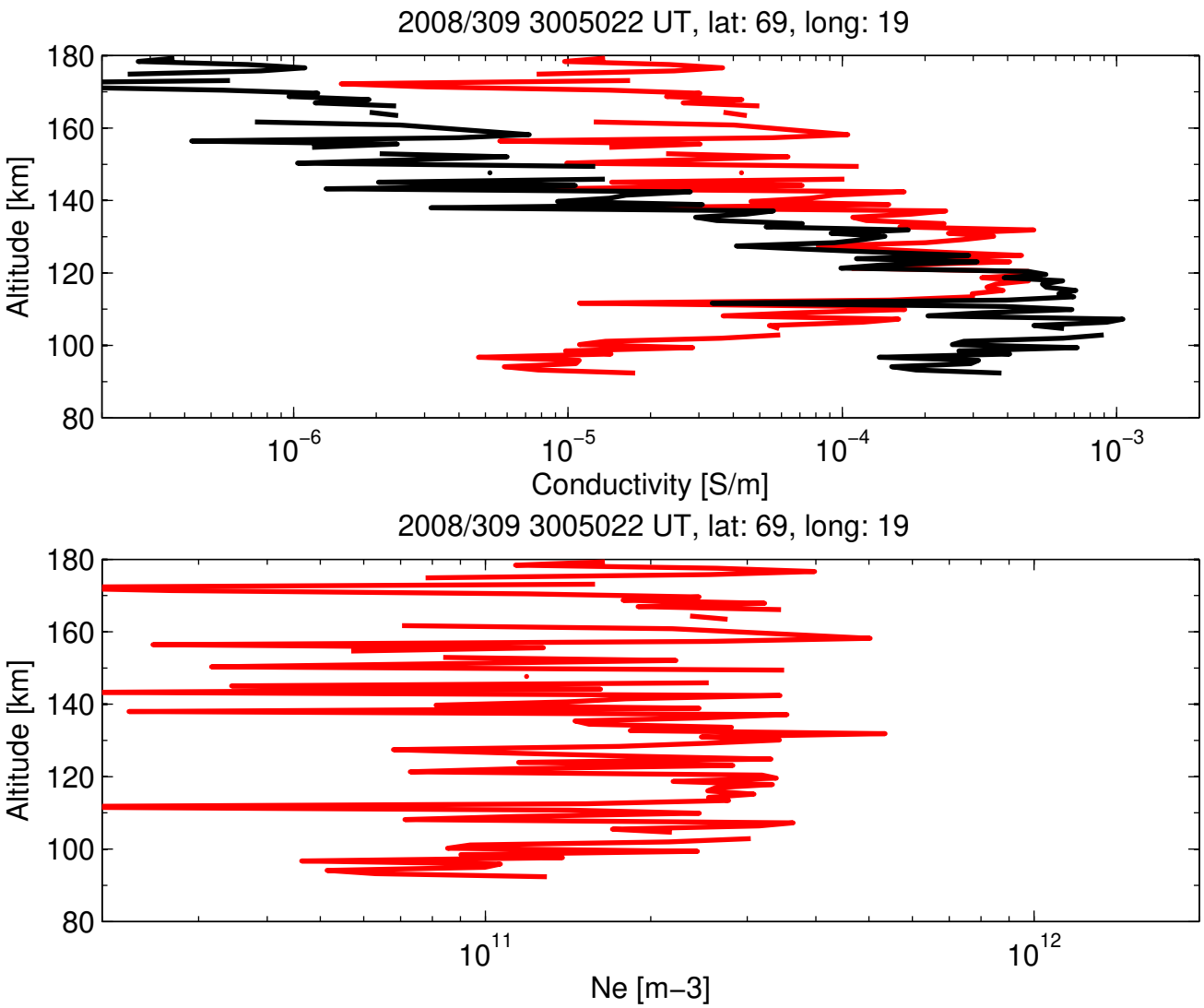
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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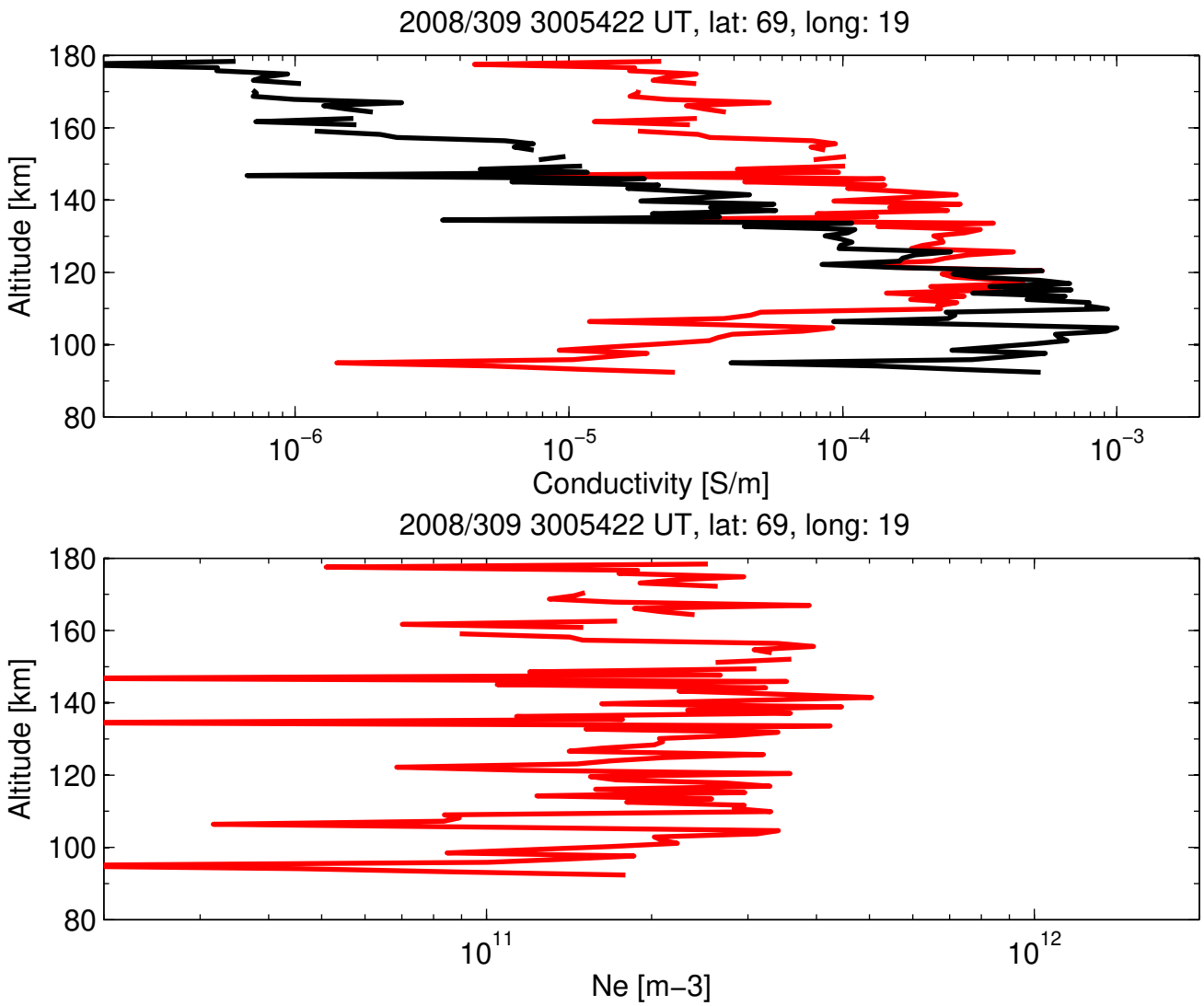
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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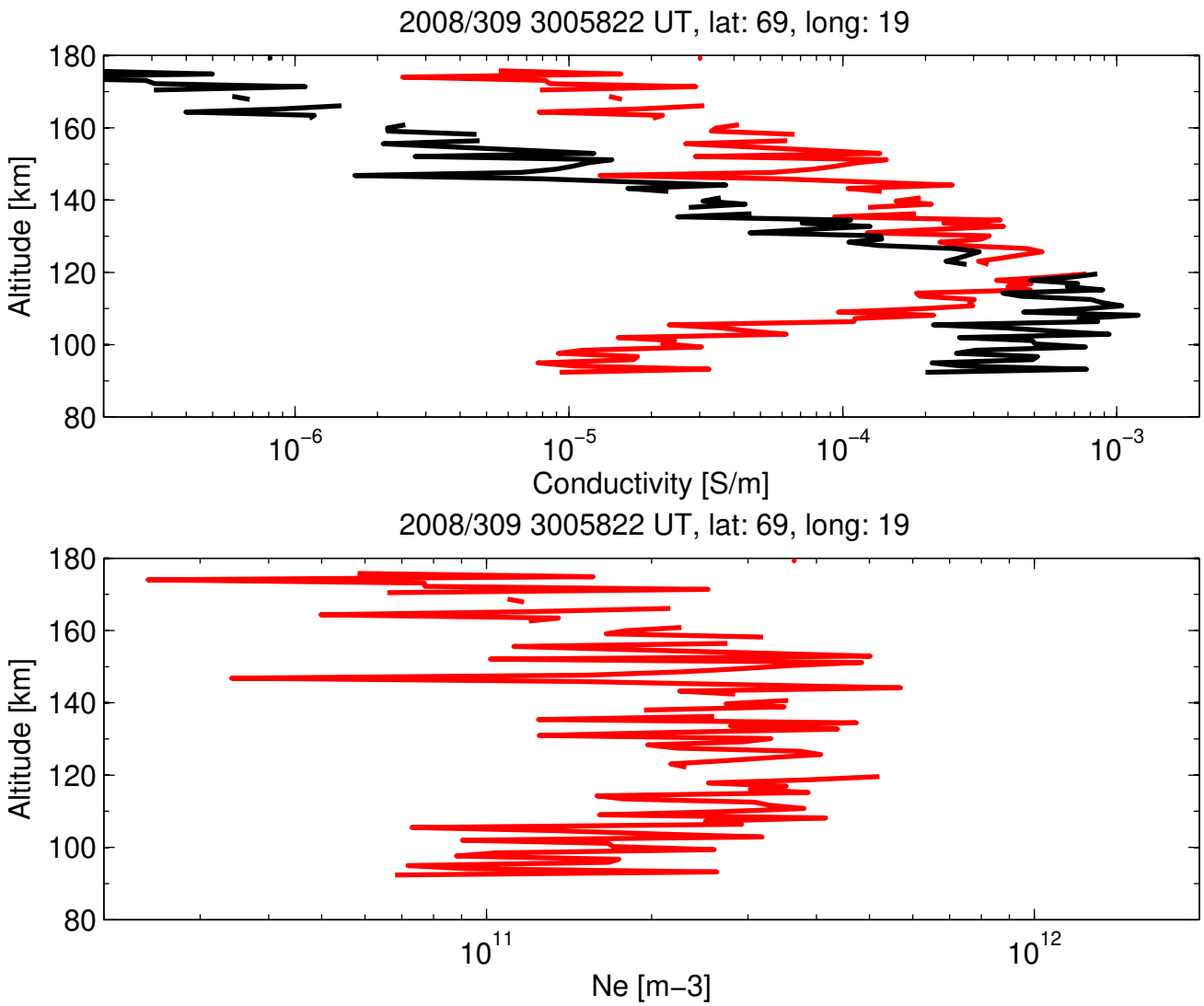
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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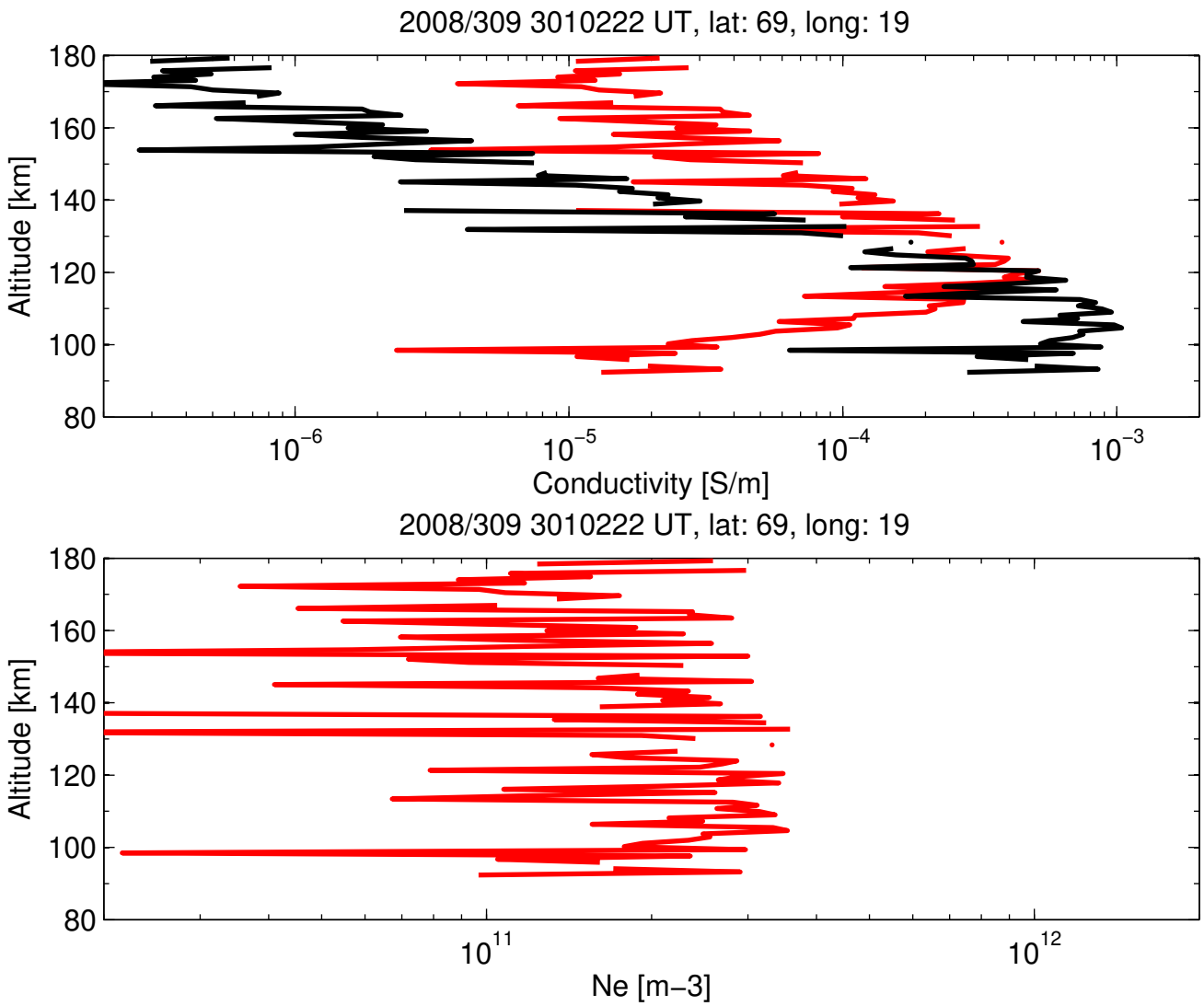
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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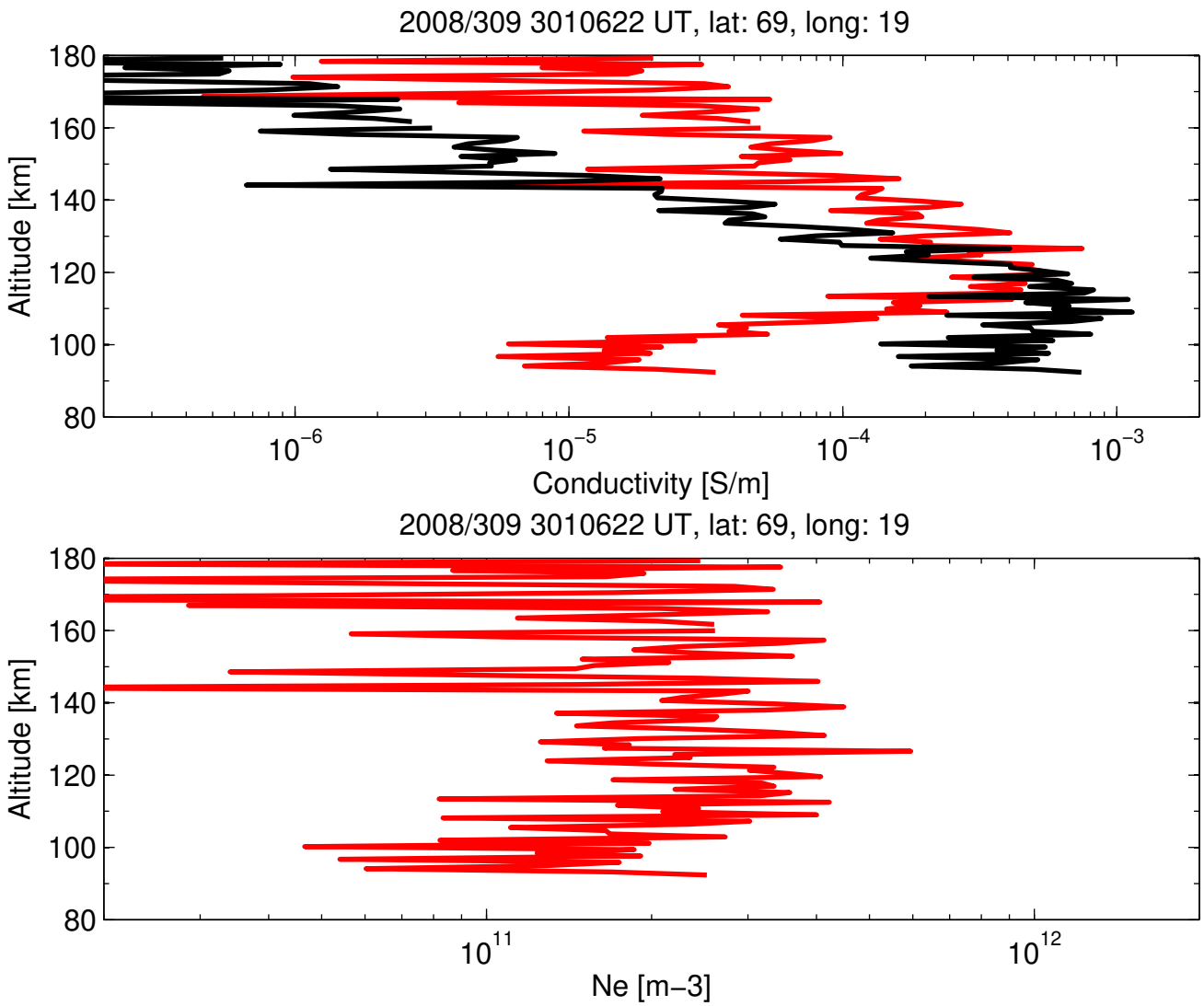
10^{11}
10^{12}
Ne [m−3]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Conductivity [S/m]
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Altitude [km]
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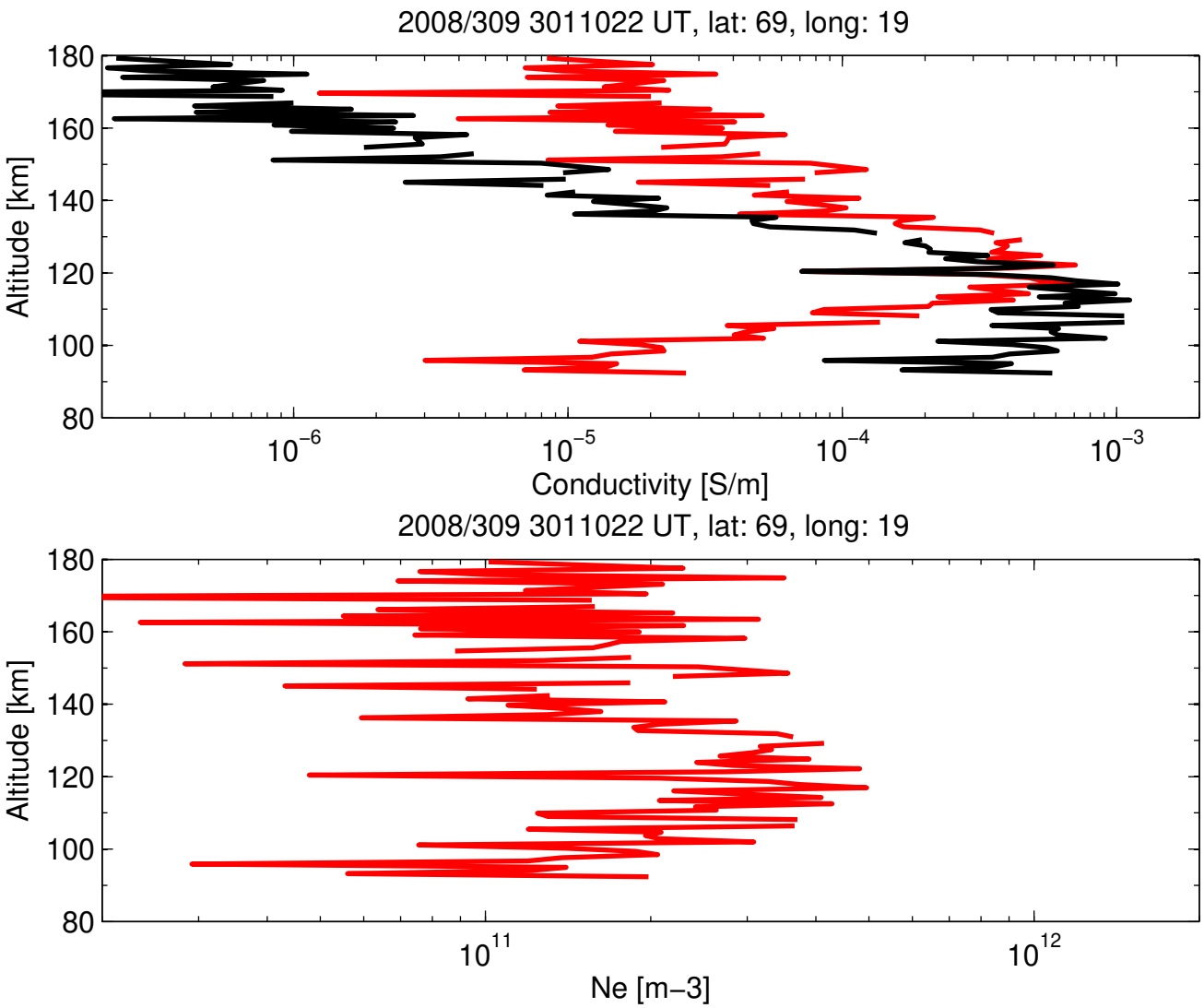
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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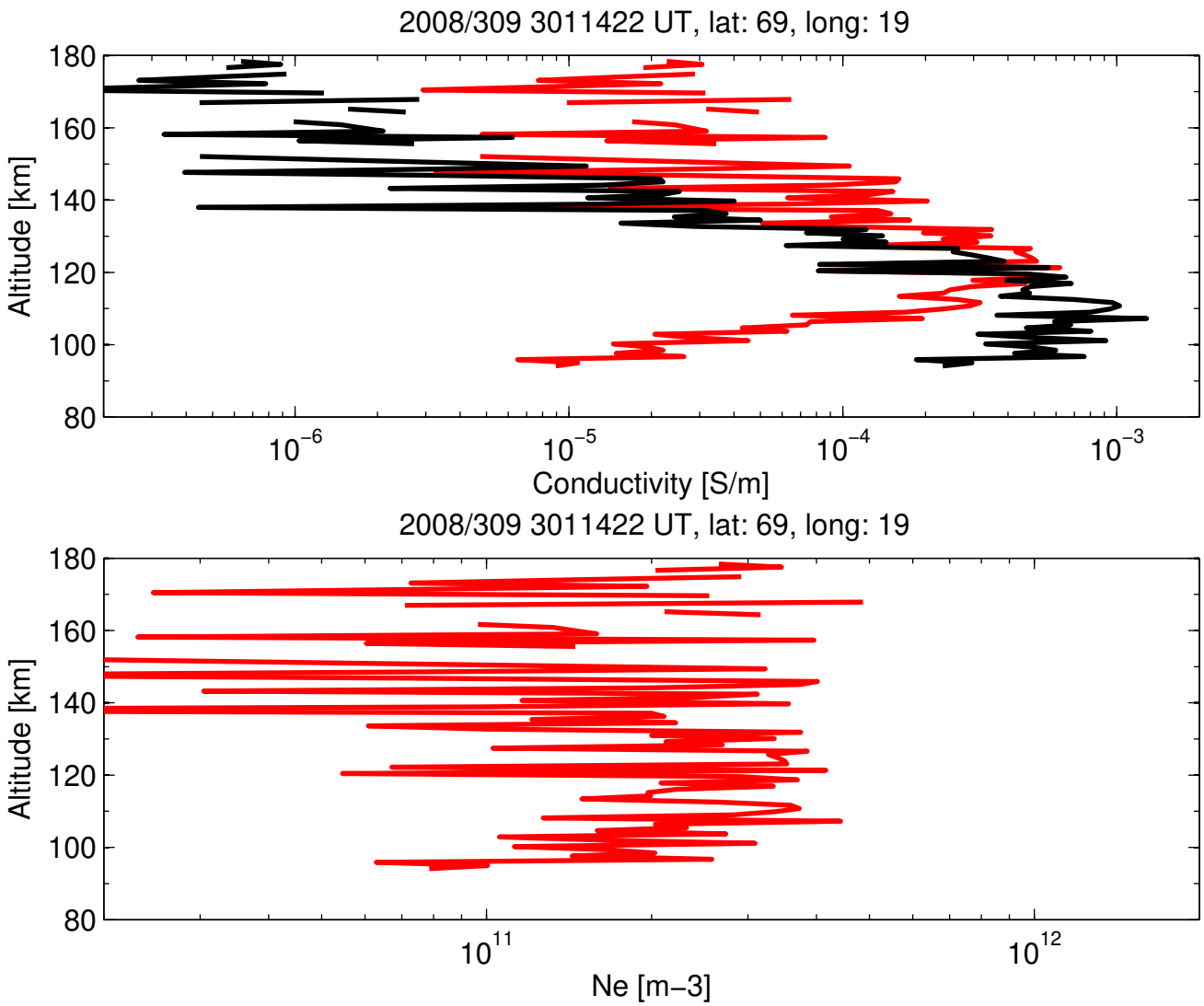
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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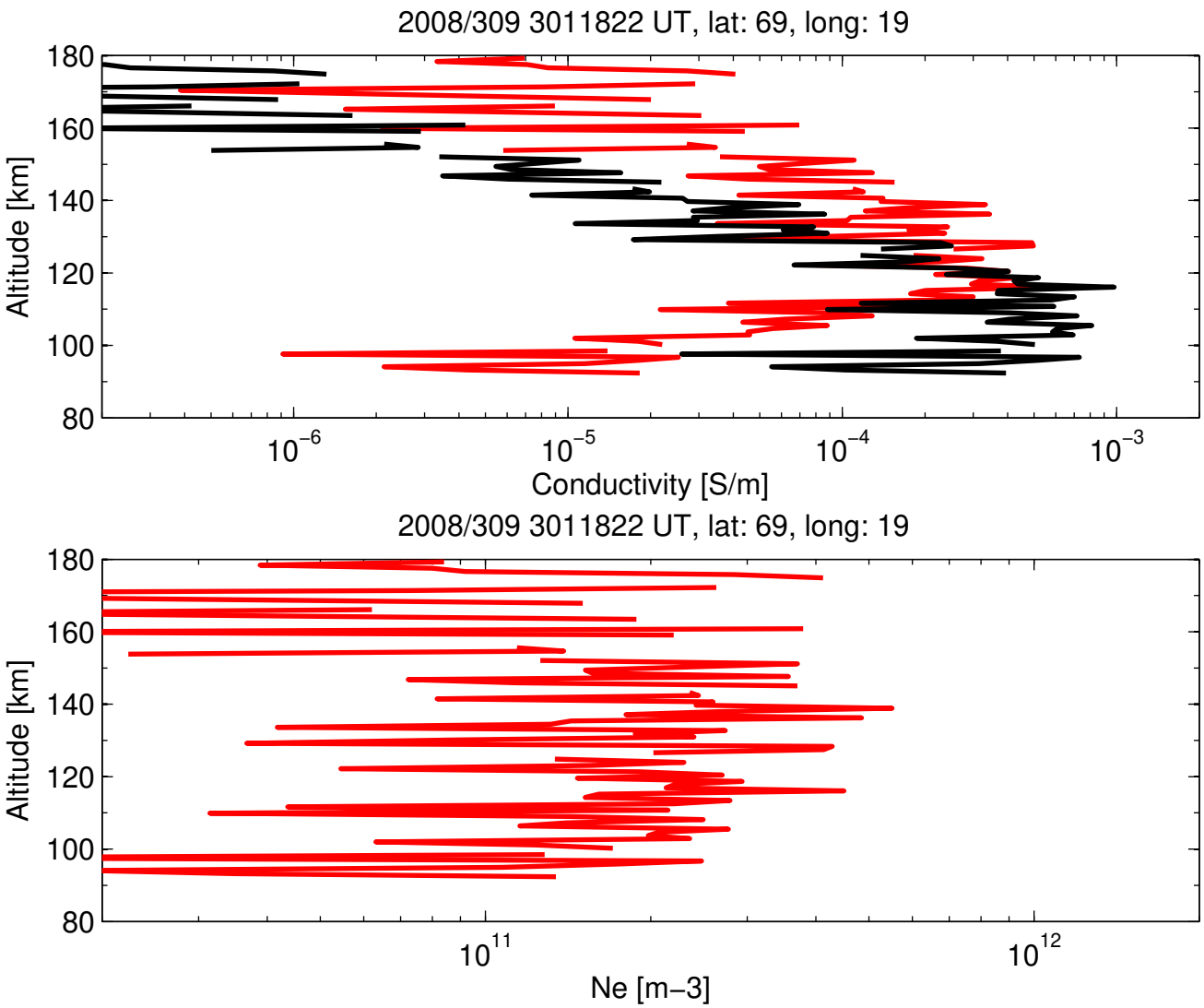
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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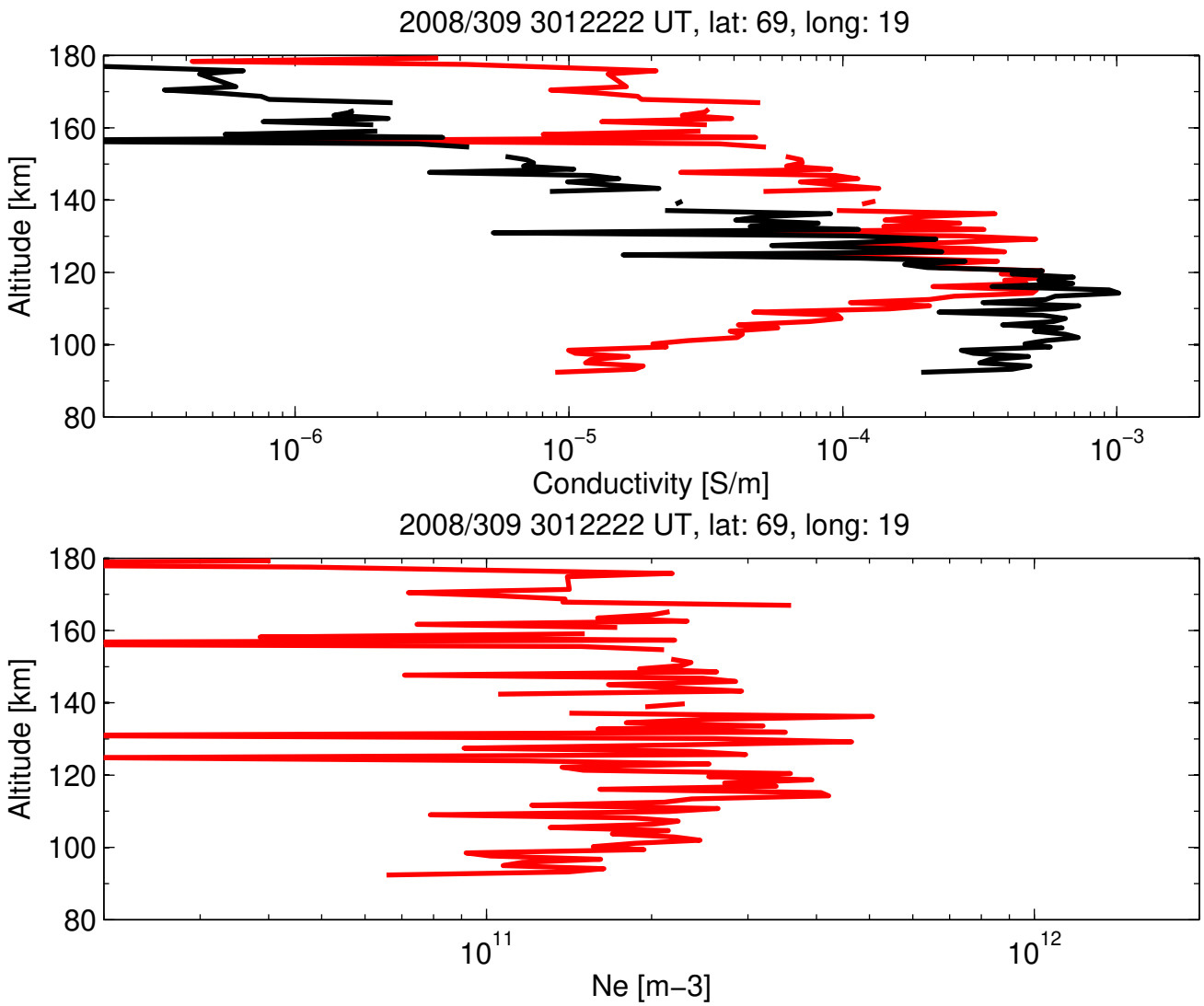
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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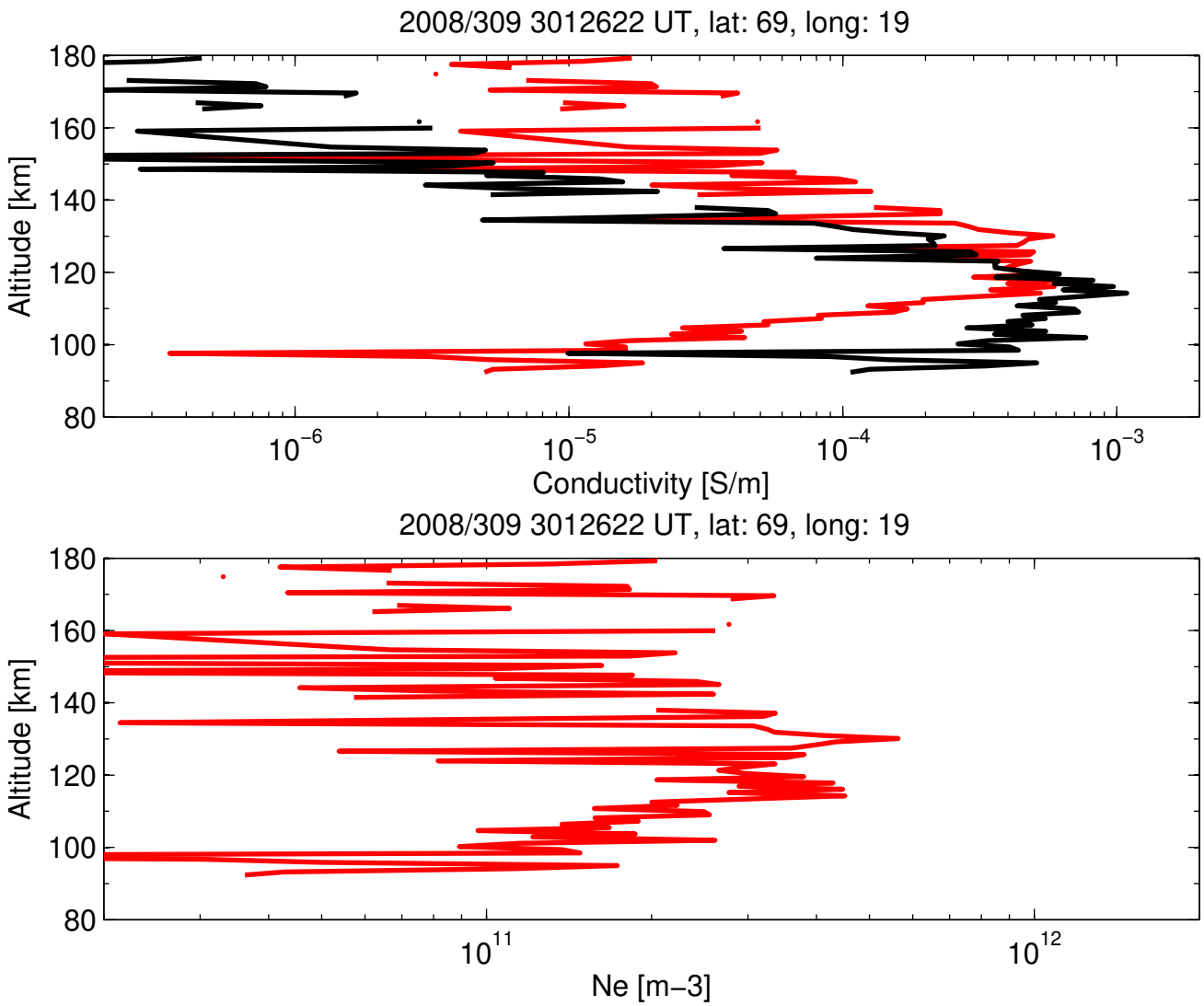
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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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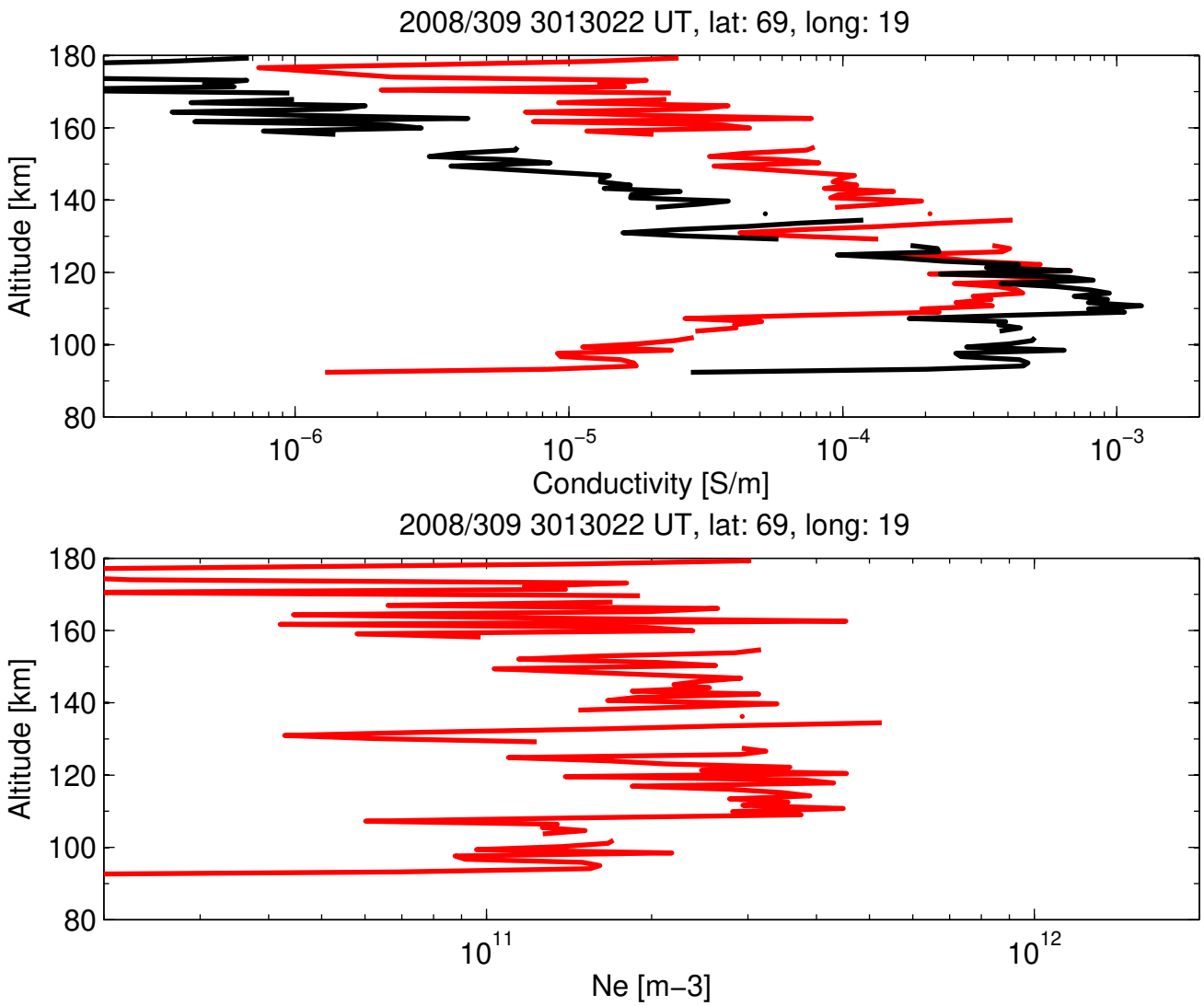
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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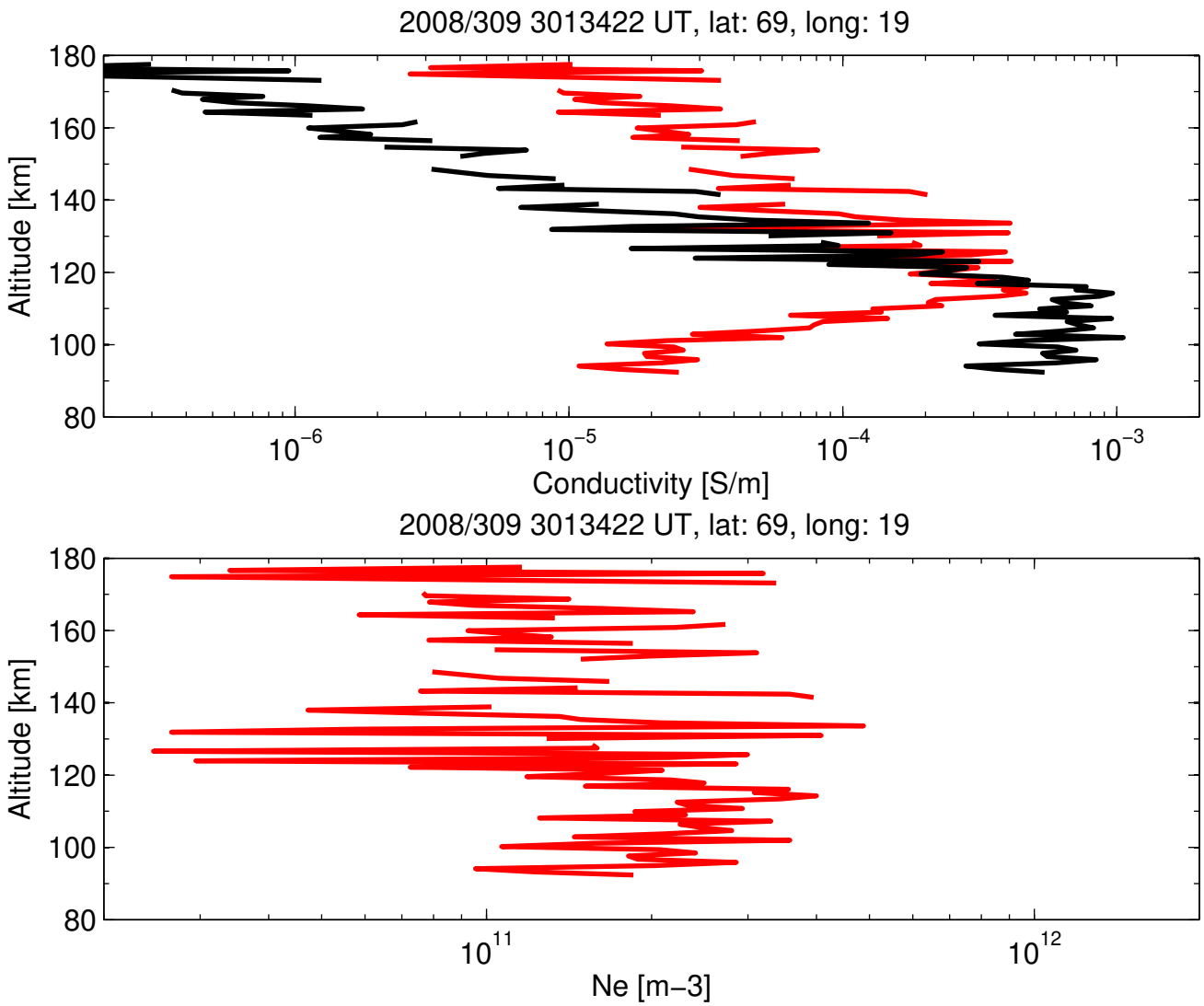
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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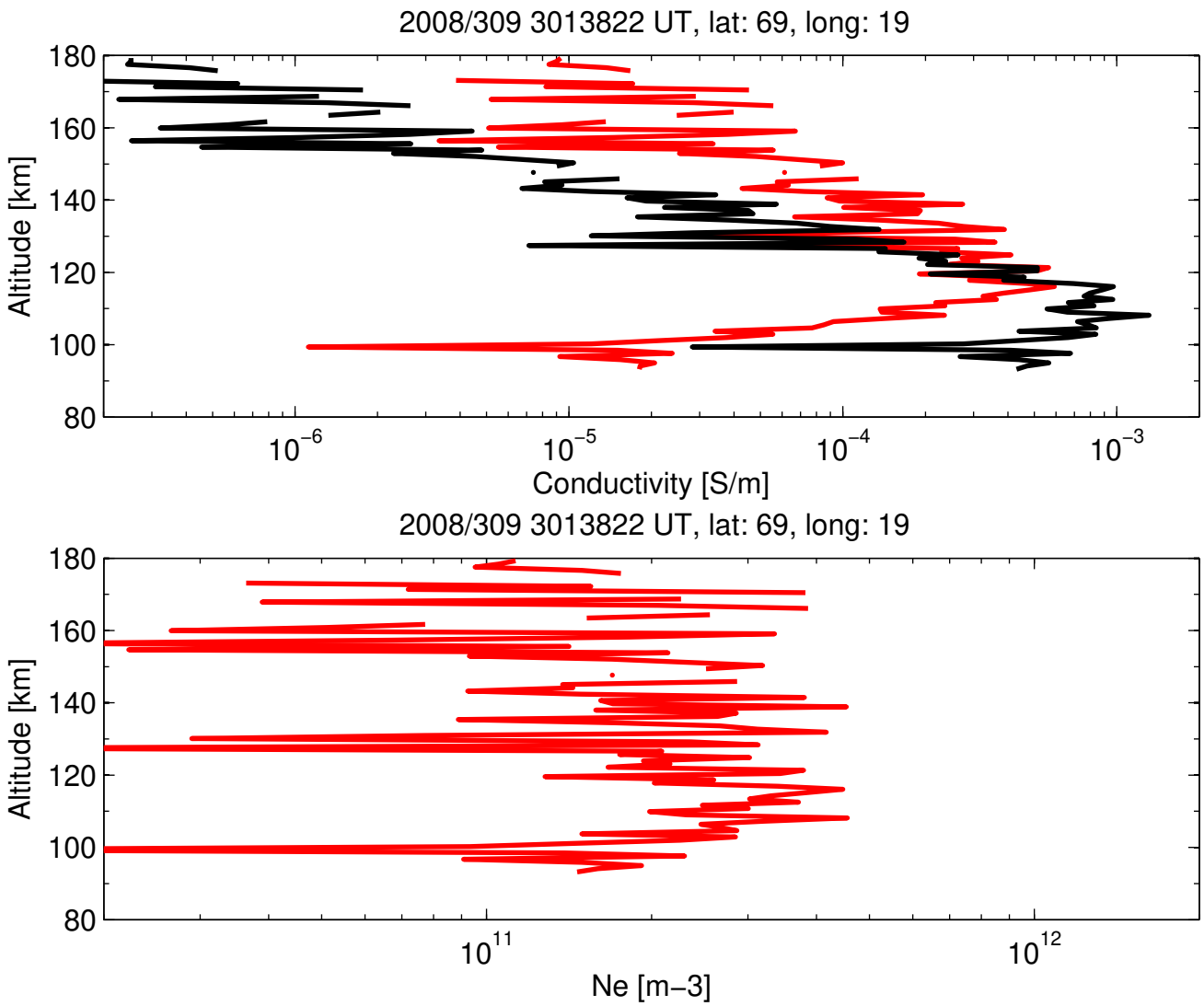
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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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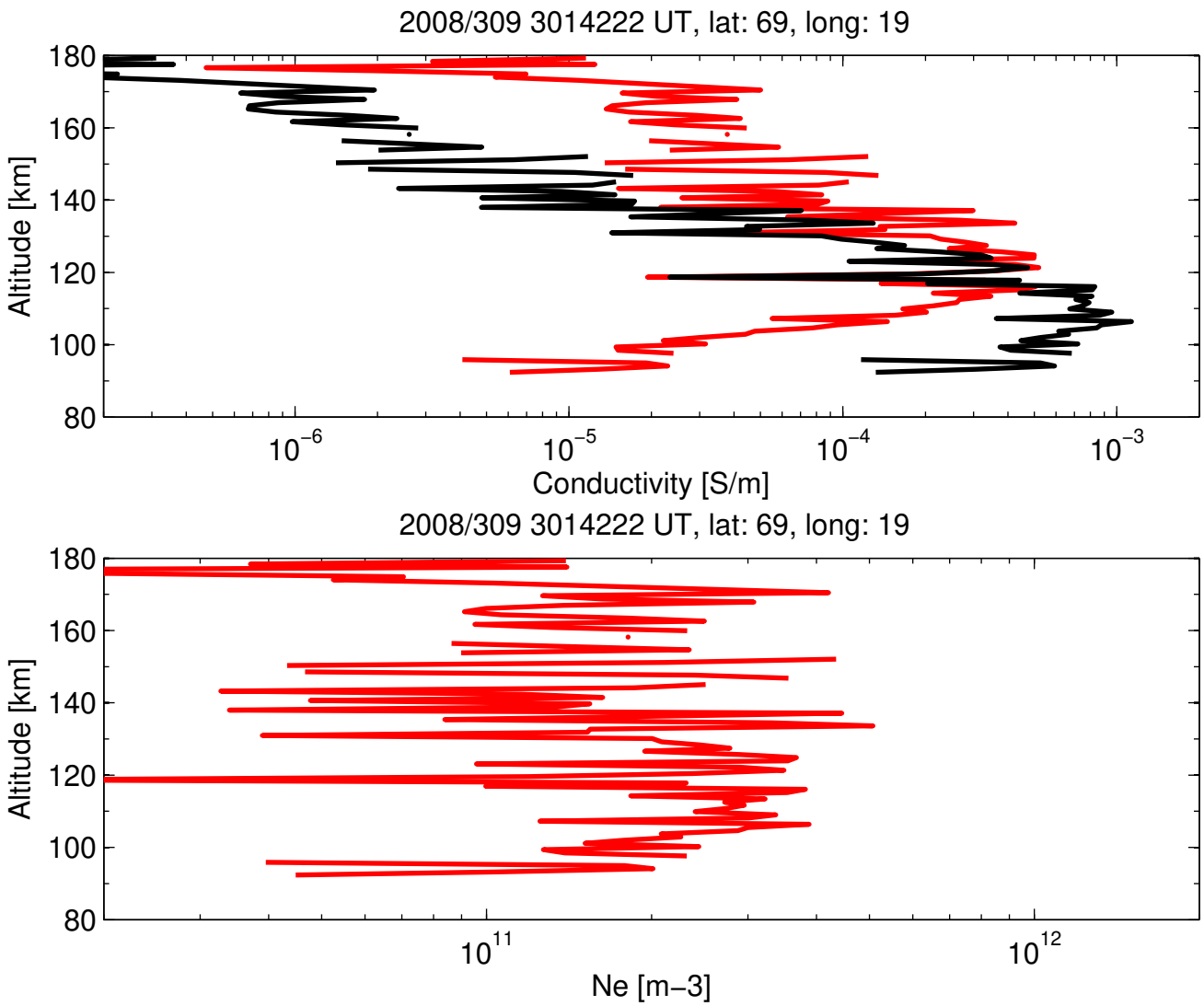
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Altitude [km]
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Conductivity [S/m]
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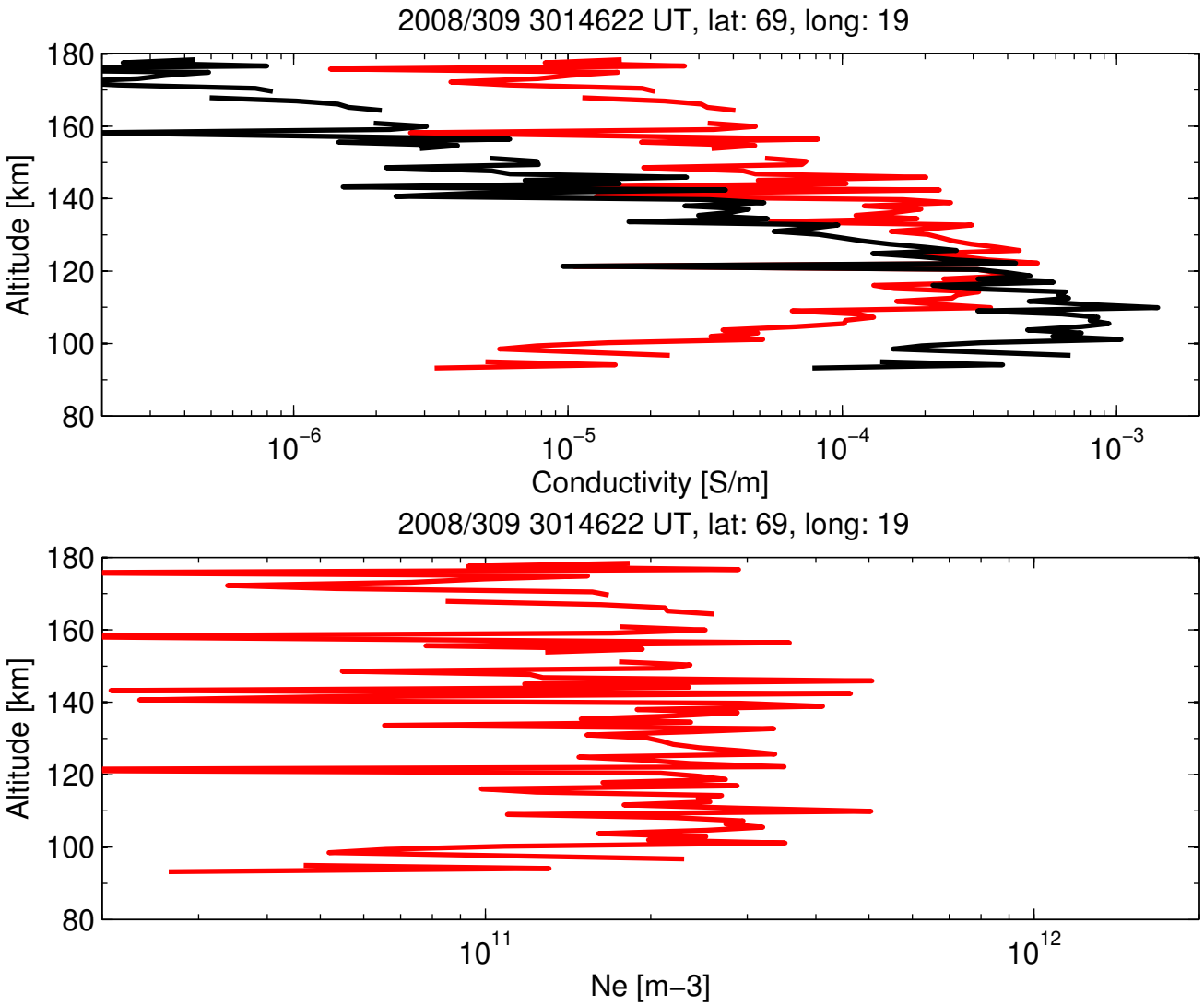
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Conductivity [S/m]
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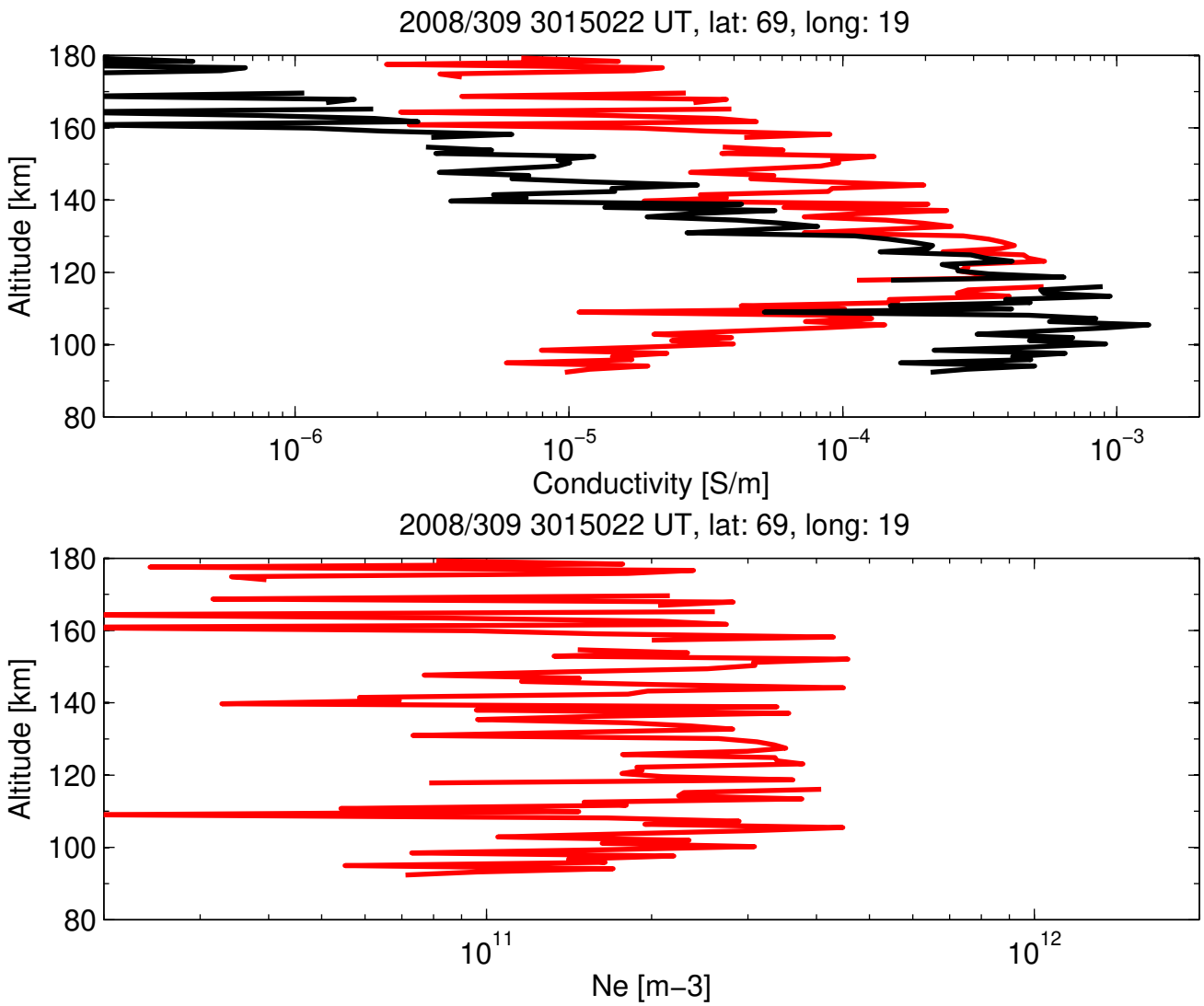
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Conductivity [S/m]
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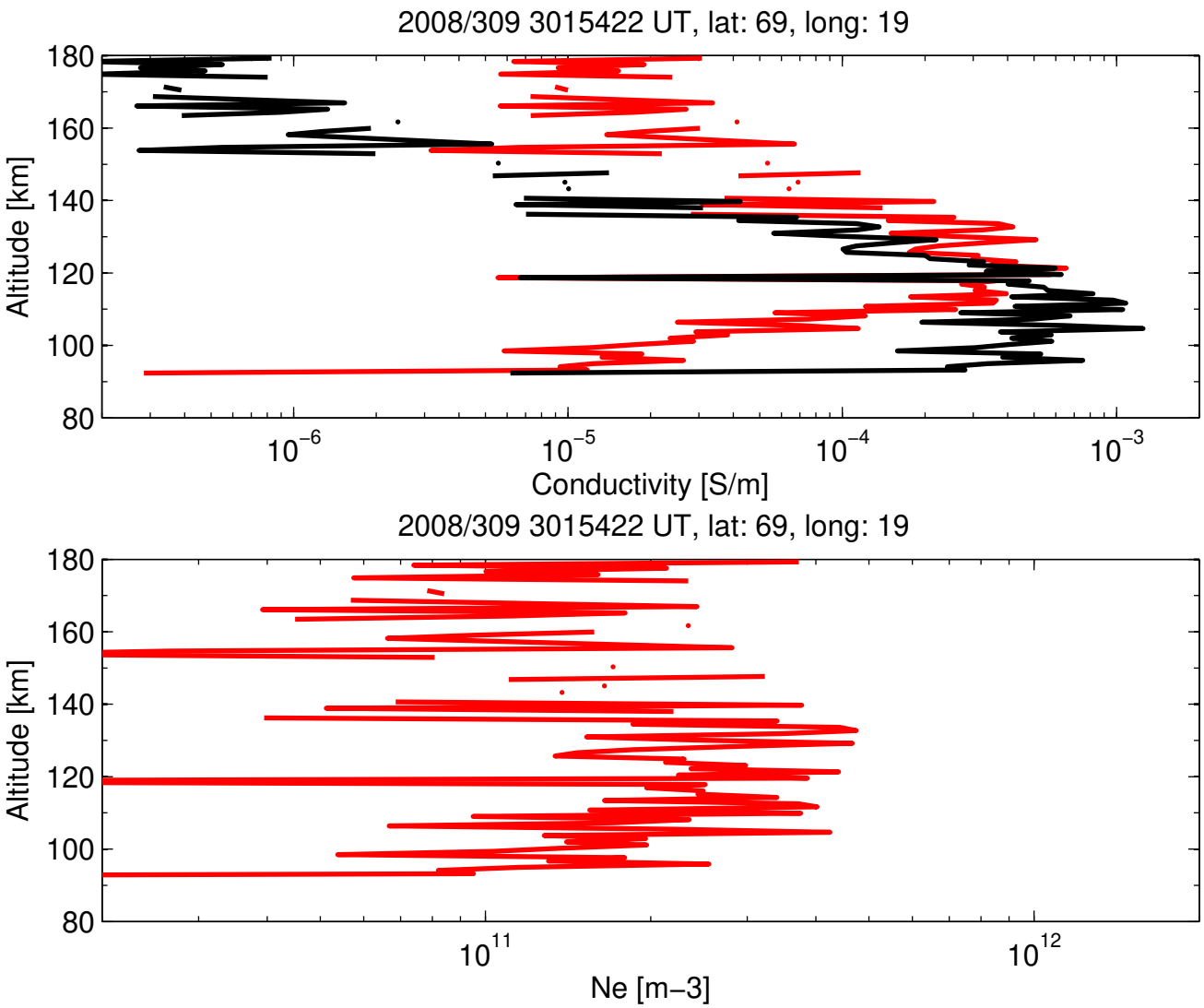
Ne [m−3]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Conductivity [S/m]
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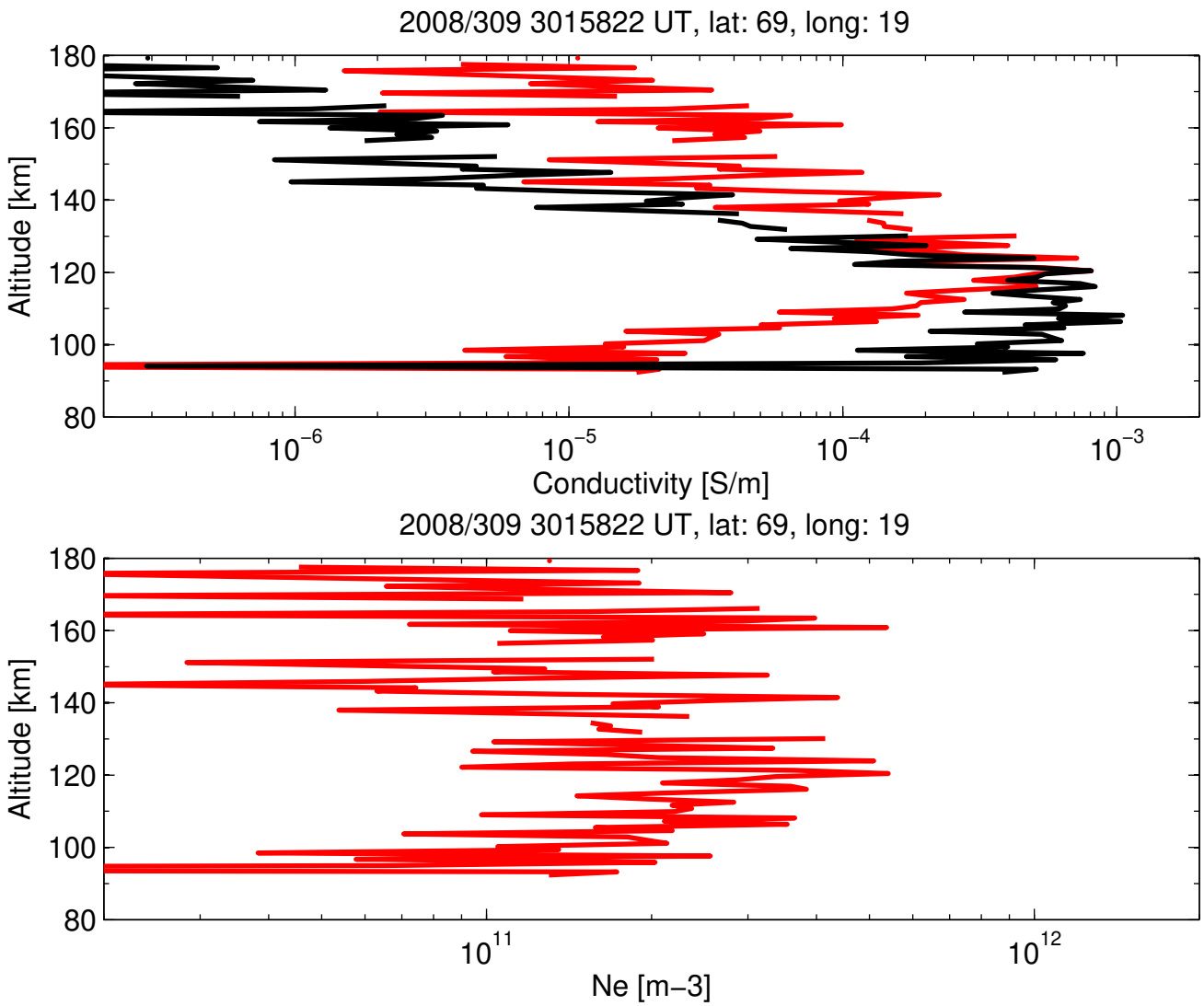
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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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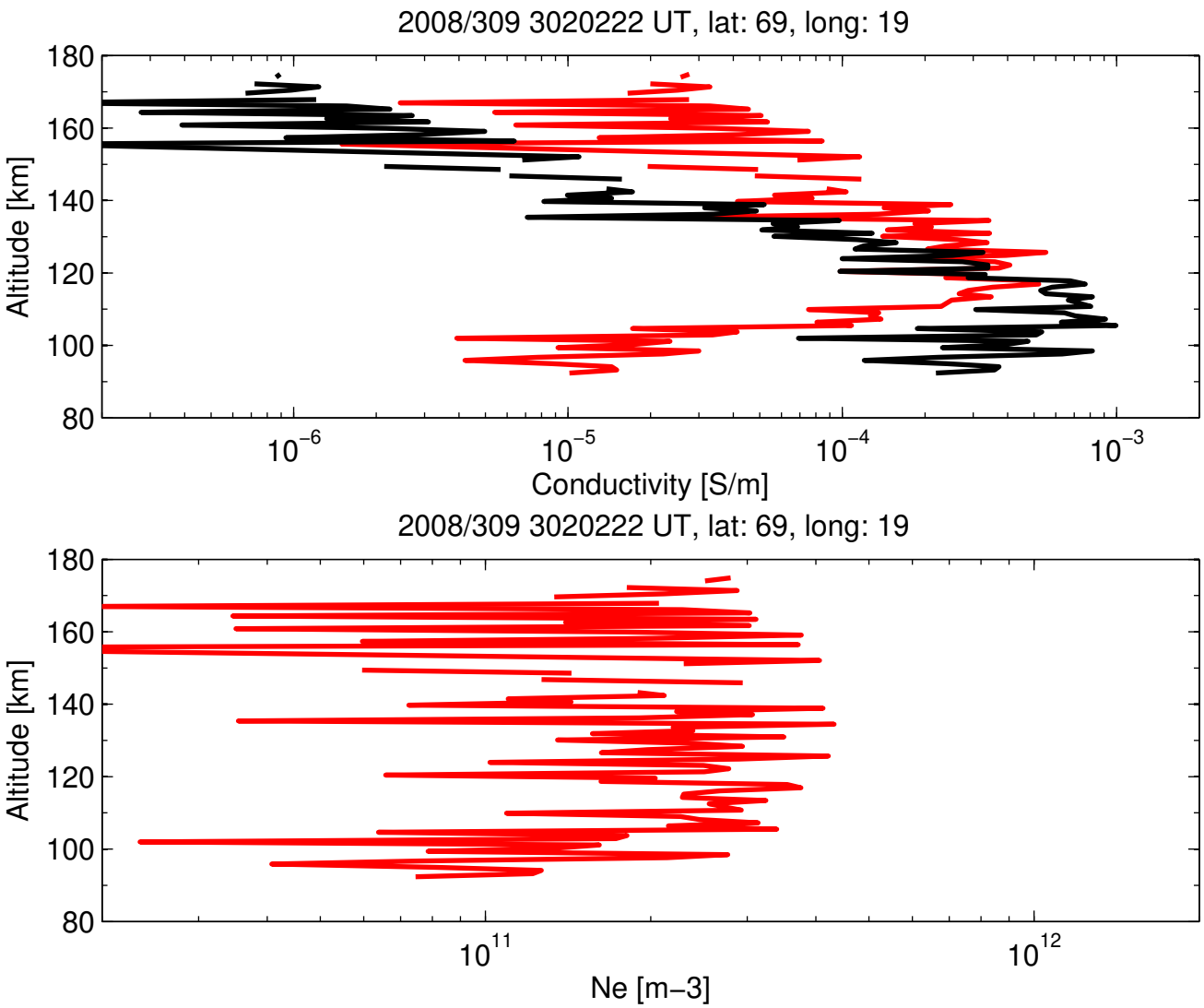
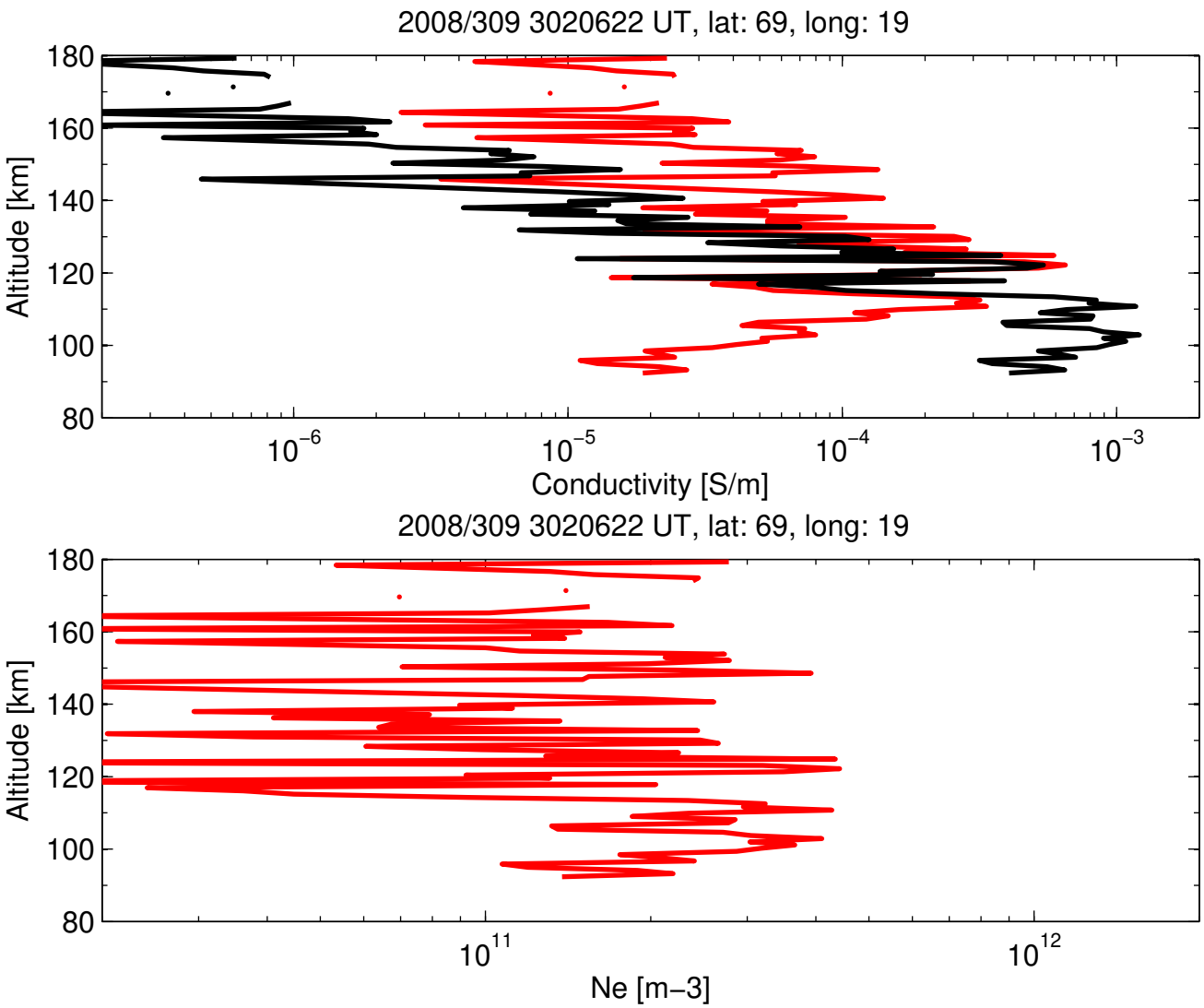
10^{12}
Ne [m−3]


2008/309 3020222 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3020222 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3020622 UT, lat: 69, long: 19
Altitude [km]
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160
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3020622 UT, lat: 69, long: 19
Altitude [km]
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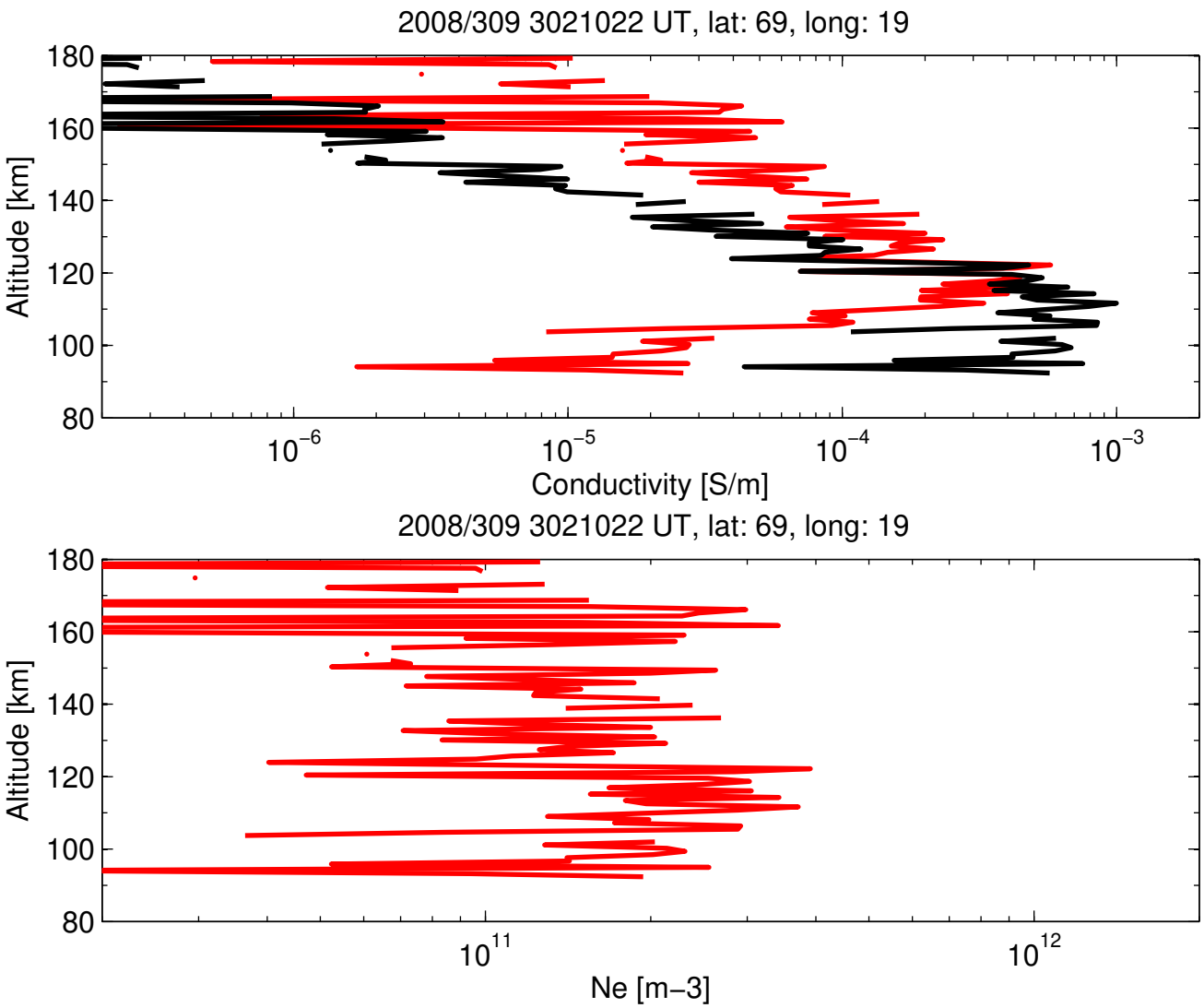
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3021022 UT, lat: 69, long: 19
Altitude [km]
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140
120
100
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3021022 UT, lat: 69, long: 19
Altitude [km]
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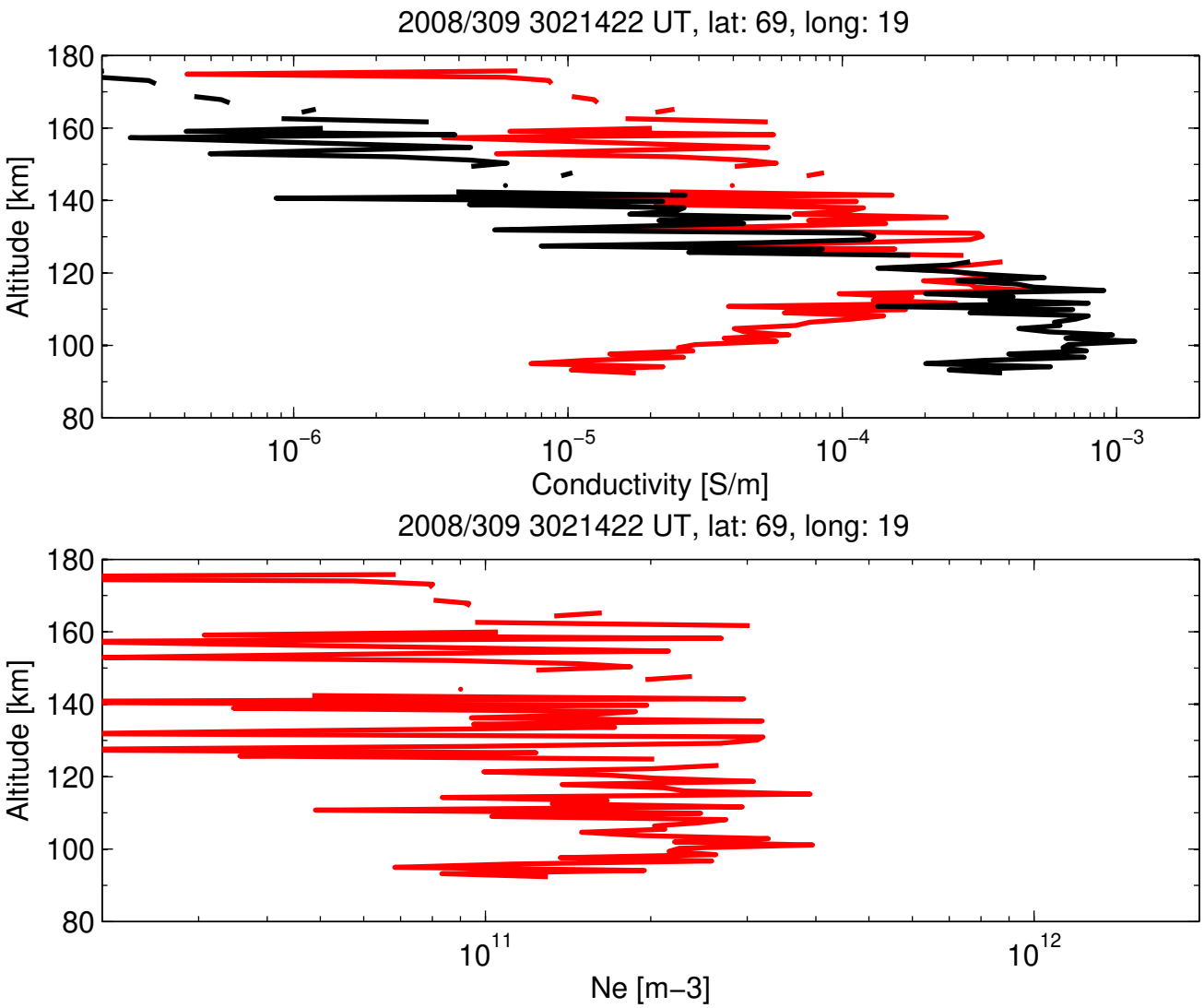
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3021422 UT, lat: 69, long: 19
Altitude [km]
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140
120
100
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3021422 UT, lat: 69, long: 19
Altitude [km]
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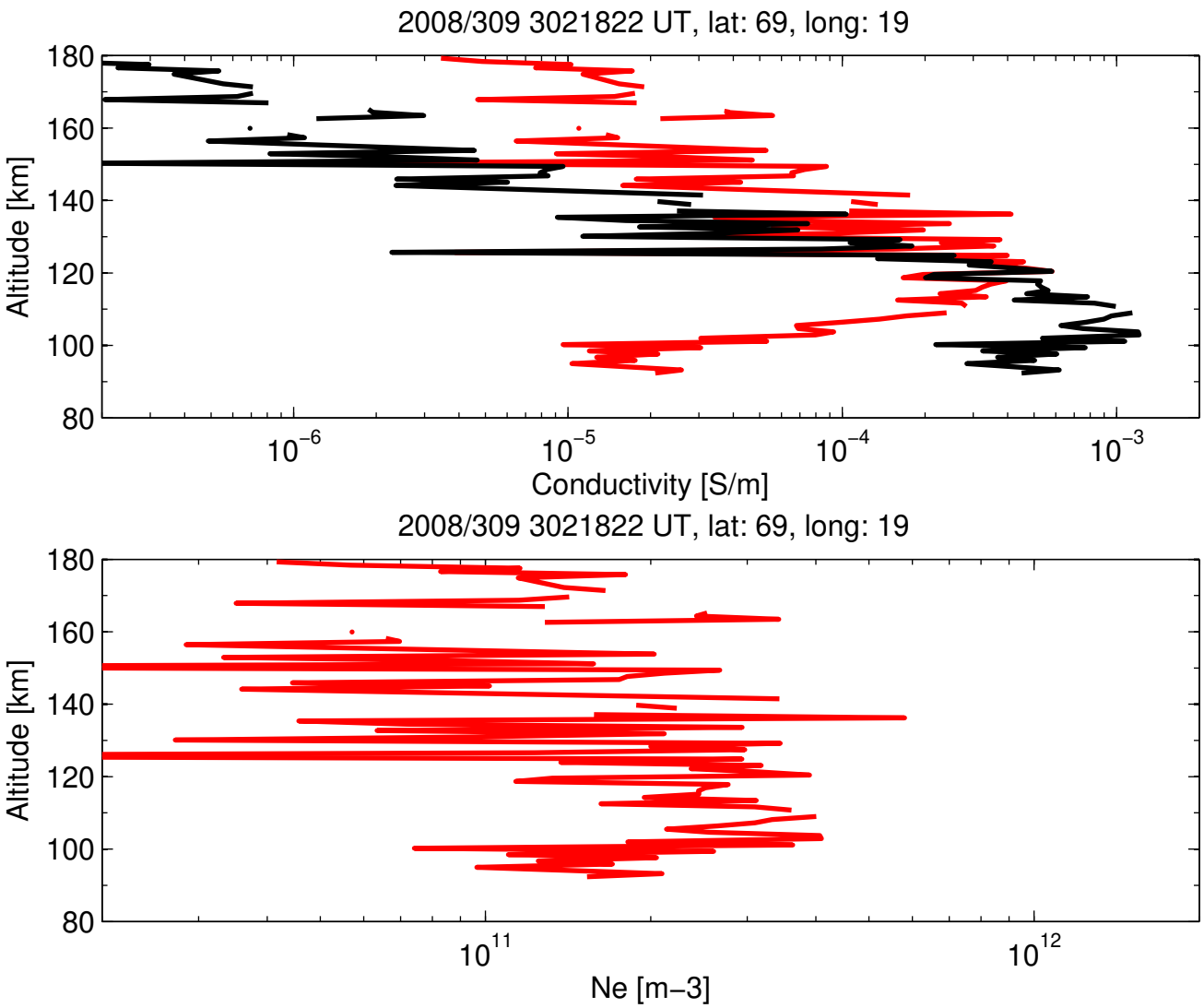
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3021822 UT, lat: 69, long: 19
Altitude [km]
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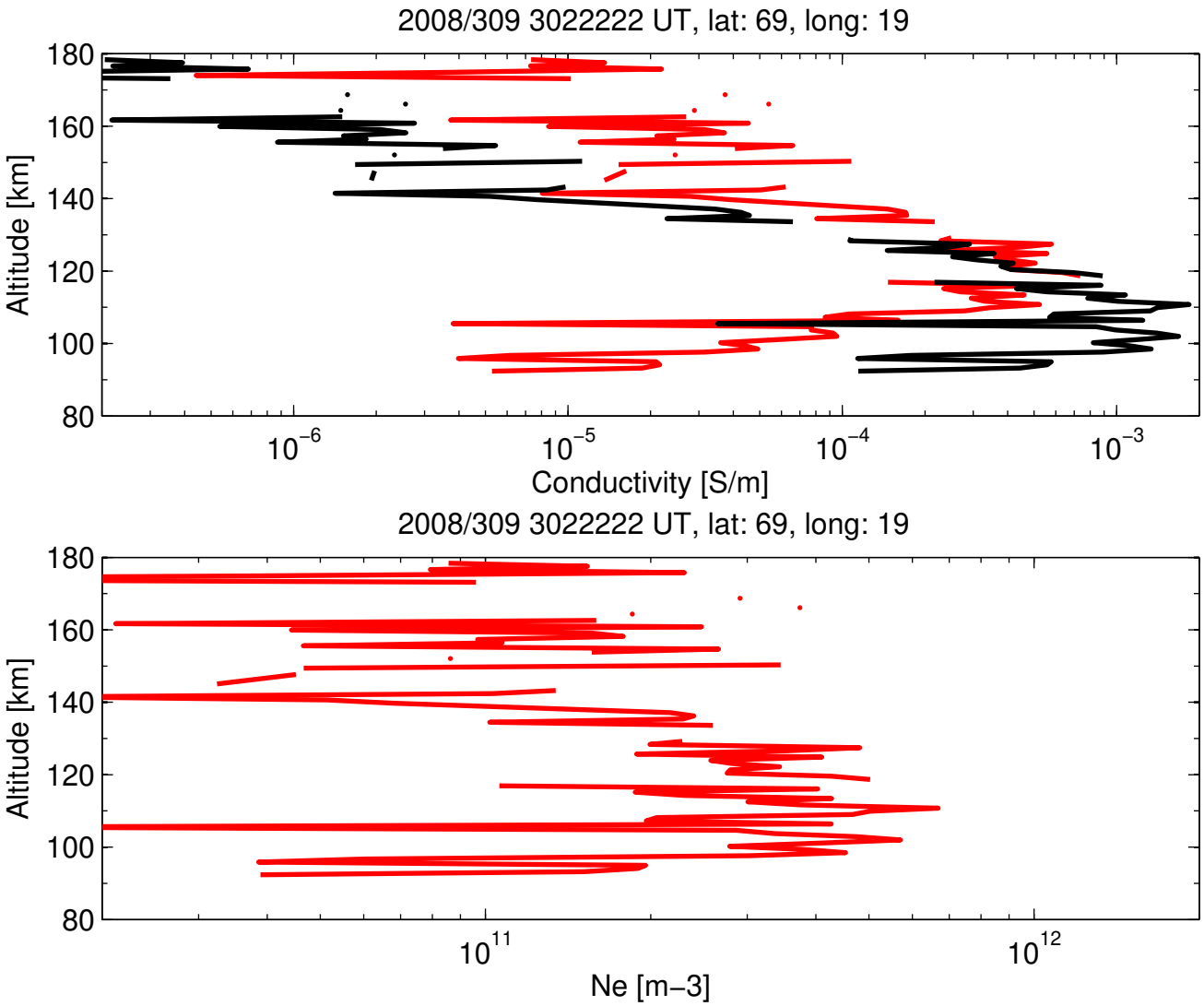
160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3021822 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3022222 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3022222 UT, lat: 69, long: 19
Altitude [km]
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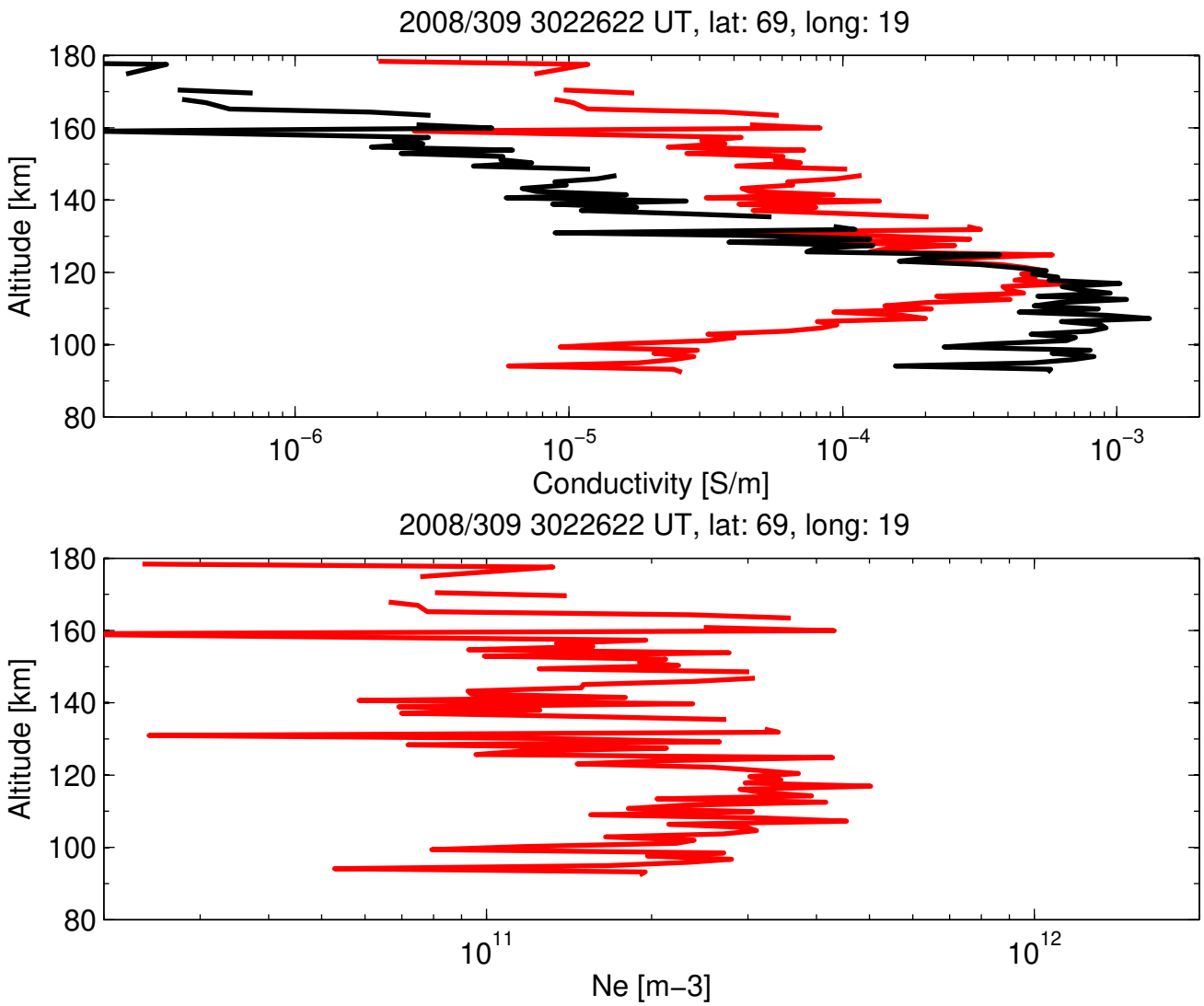
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3022622 UT, lat: 69, long: 19
Altitude [km]
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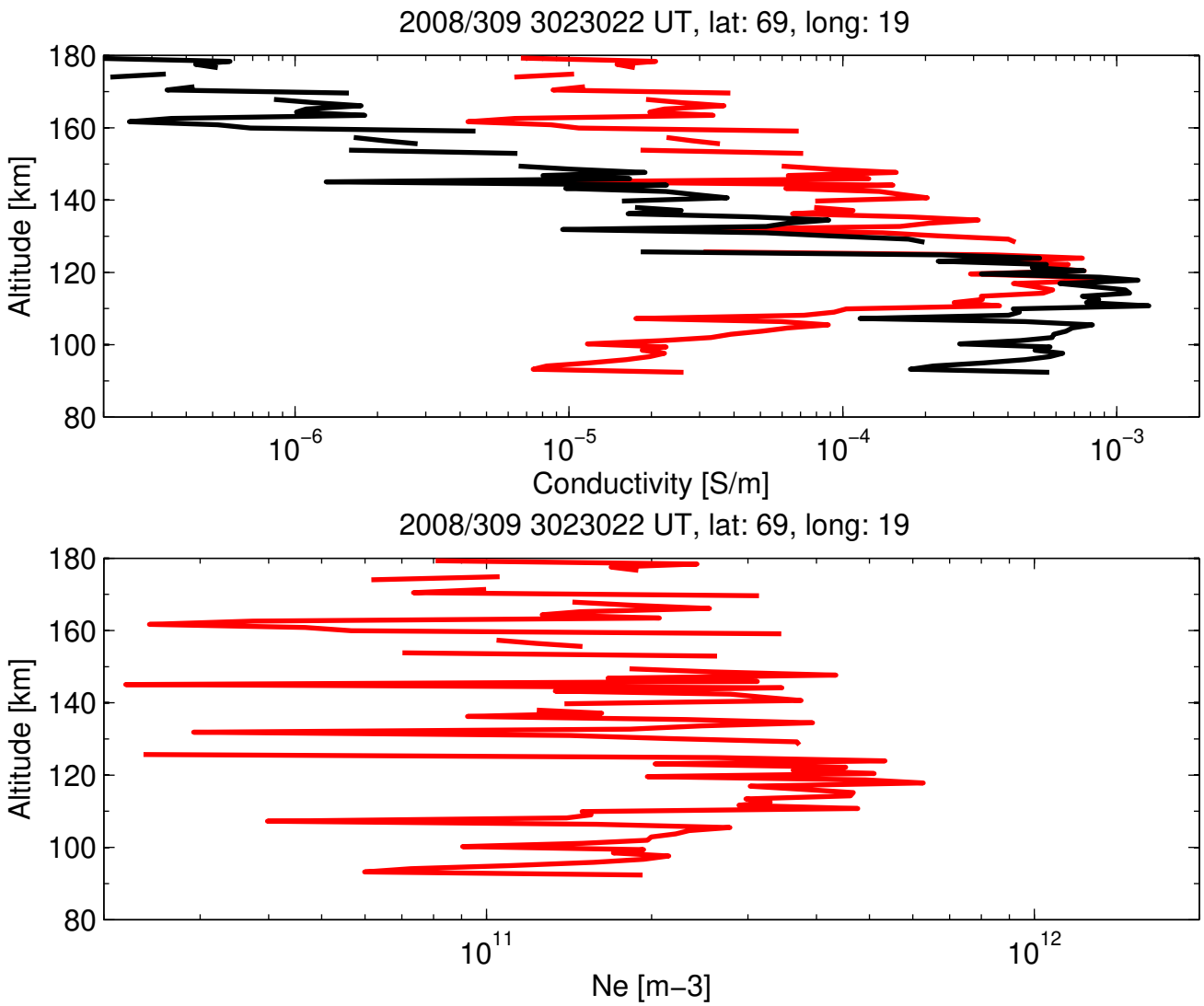
160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3022622 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3023022 UT, lat: 69, long: 19
Altitude [km]
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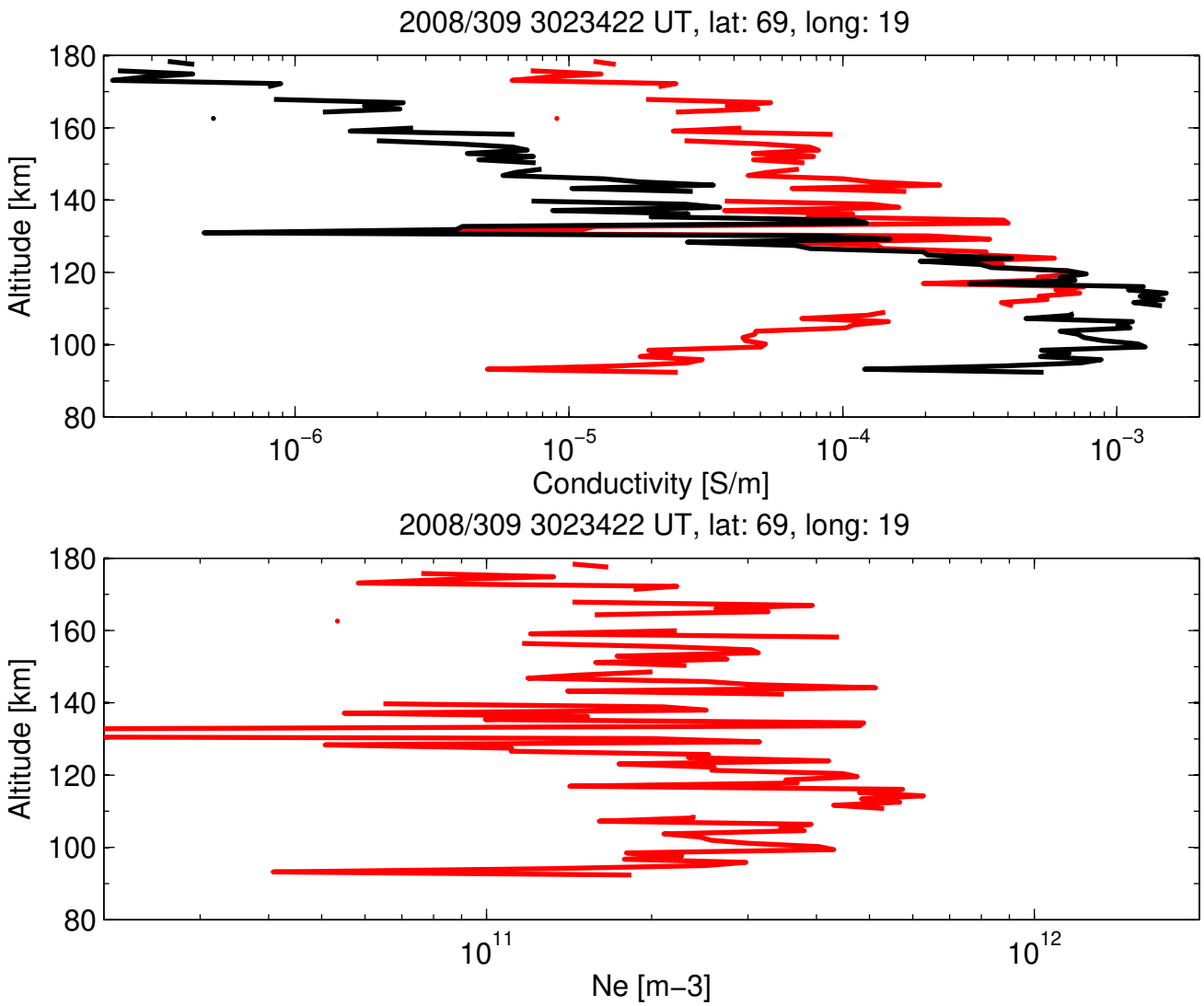
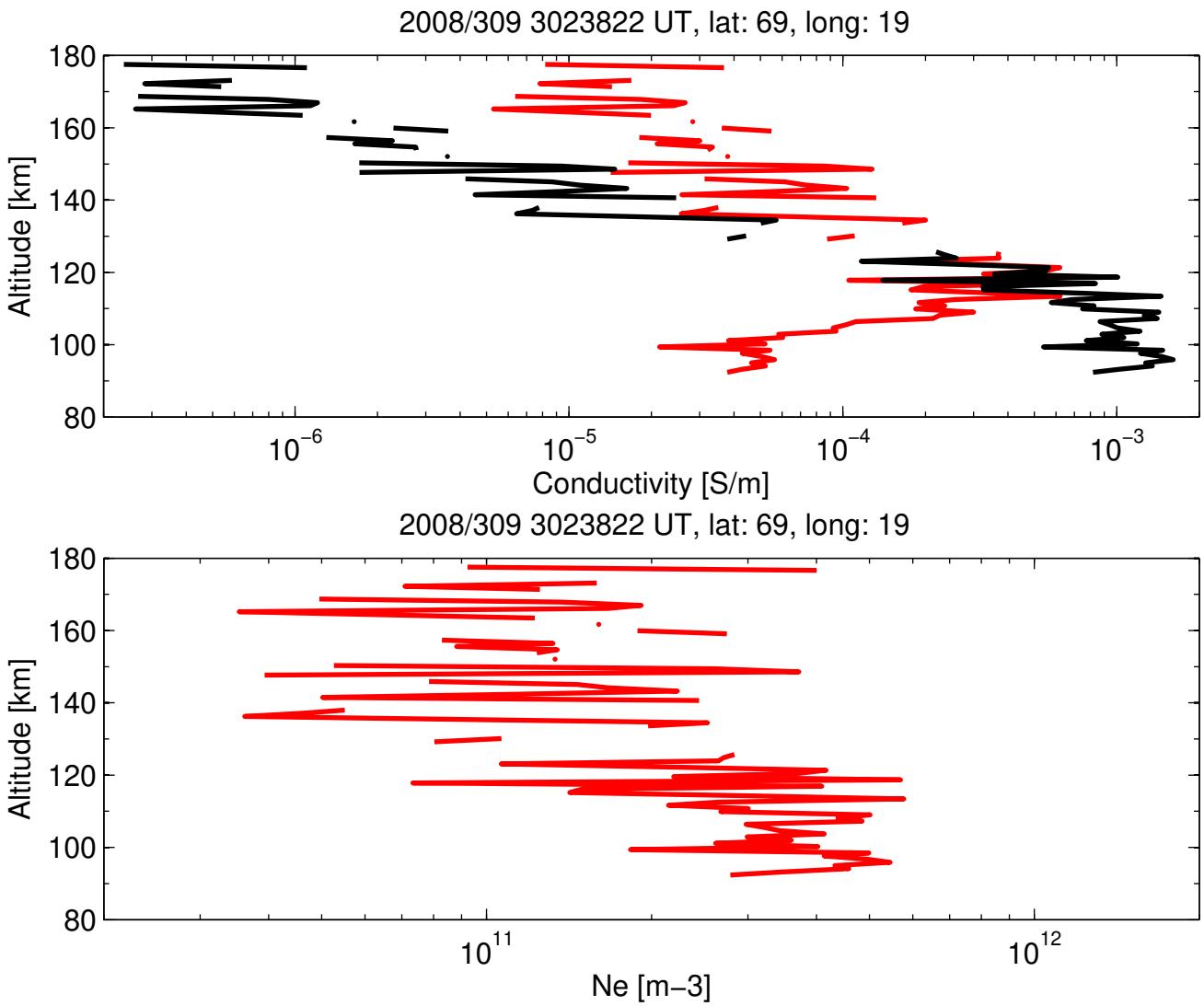
160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3023022 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3023422 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3023422 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3023822 UT, lat: 69, long: 19
Altitude [km]
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160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3023822 UT, lat: 69, long: 19
Altitude [km]
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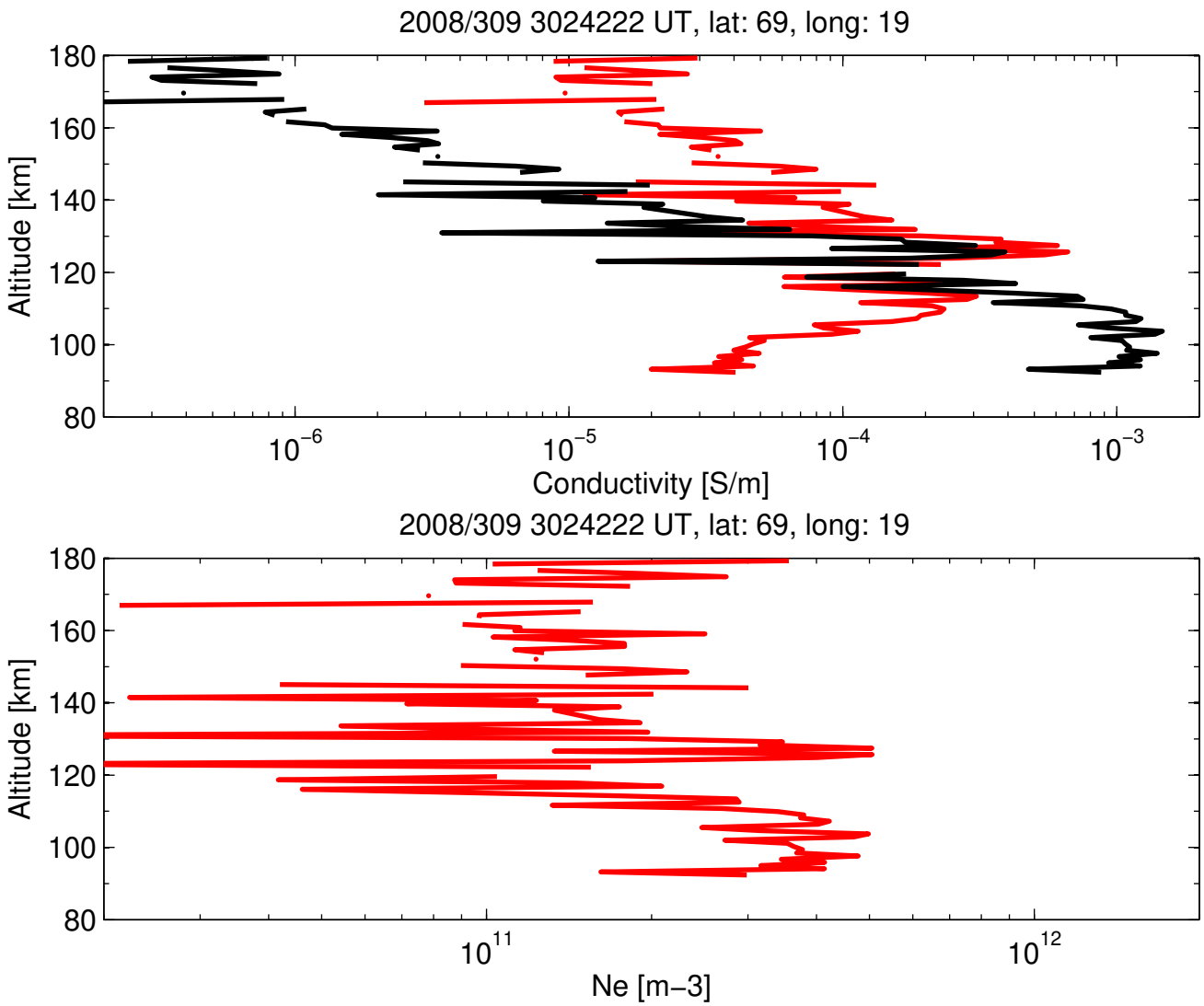
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3024222 UT, lat: 69, long: 19
Altitude [km]
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160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3024222 UT, lat: 69, long: 19
Altitude [km]
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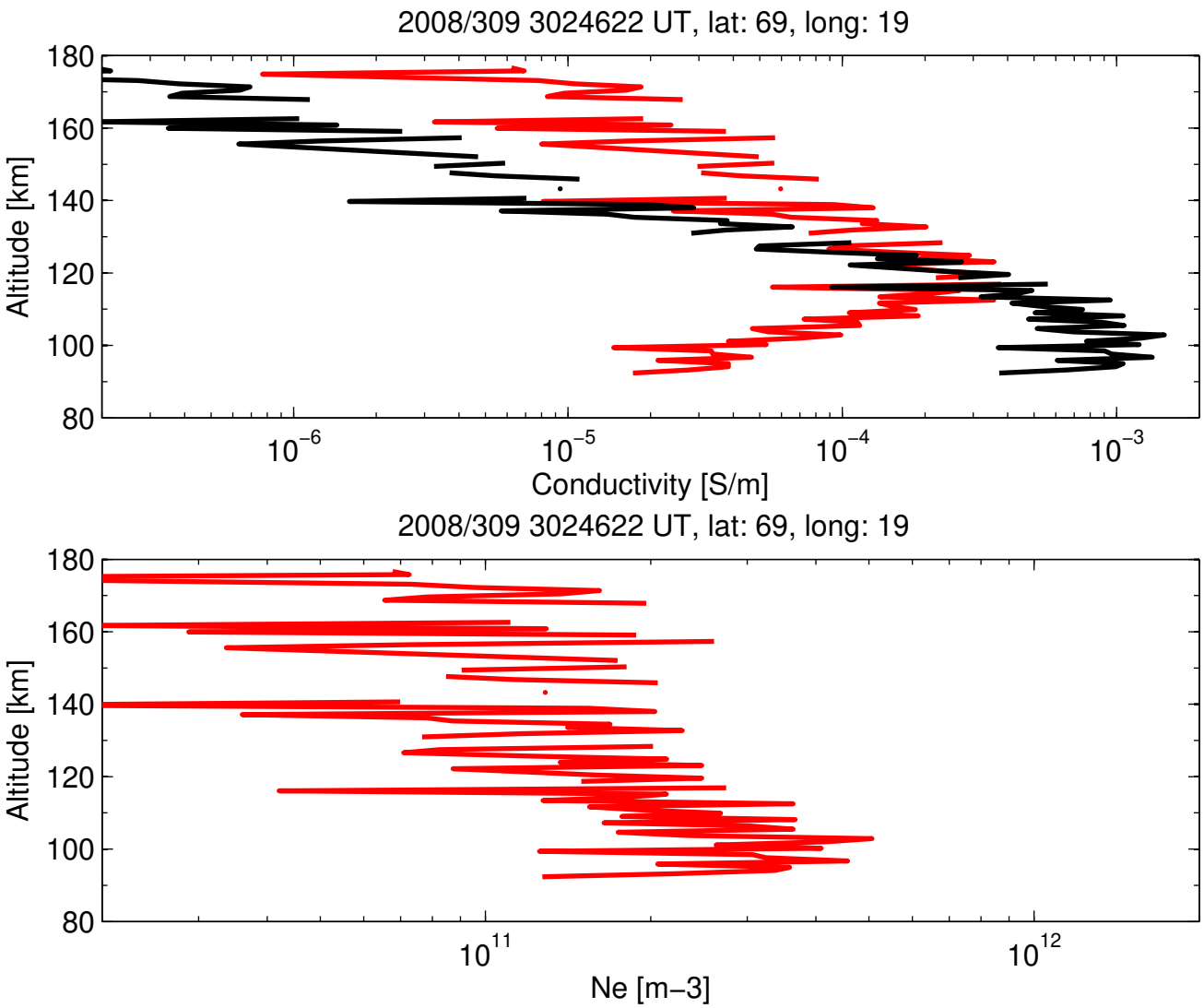
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3024622 UT, lat: 69, long: 19
Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3024622 UT, lat: 69, long: 19
Altitude [km]
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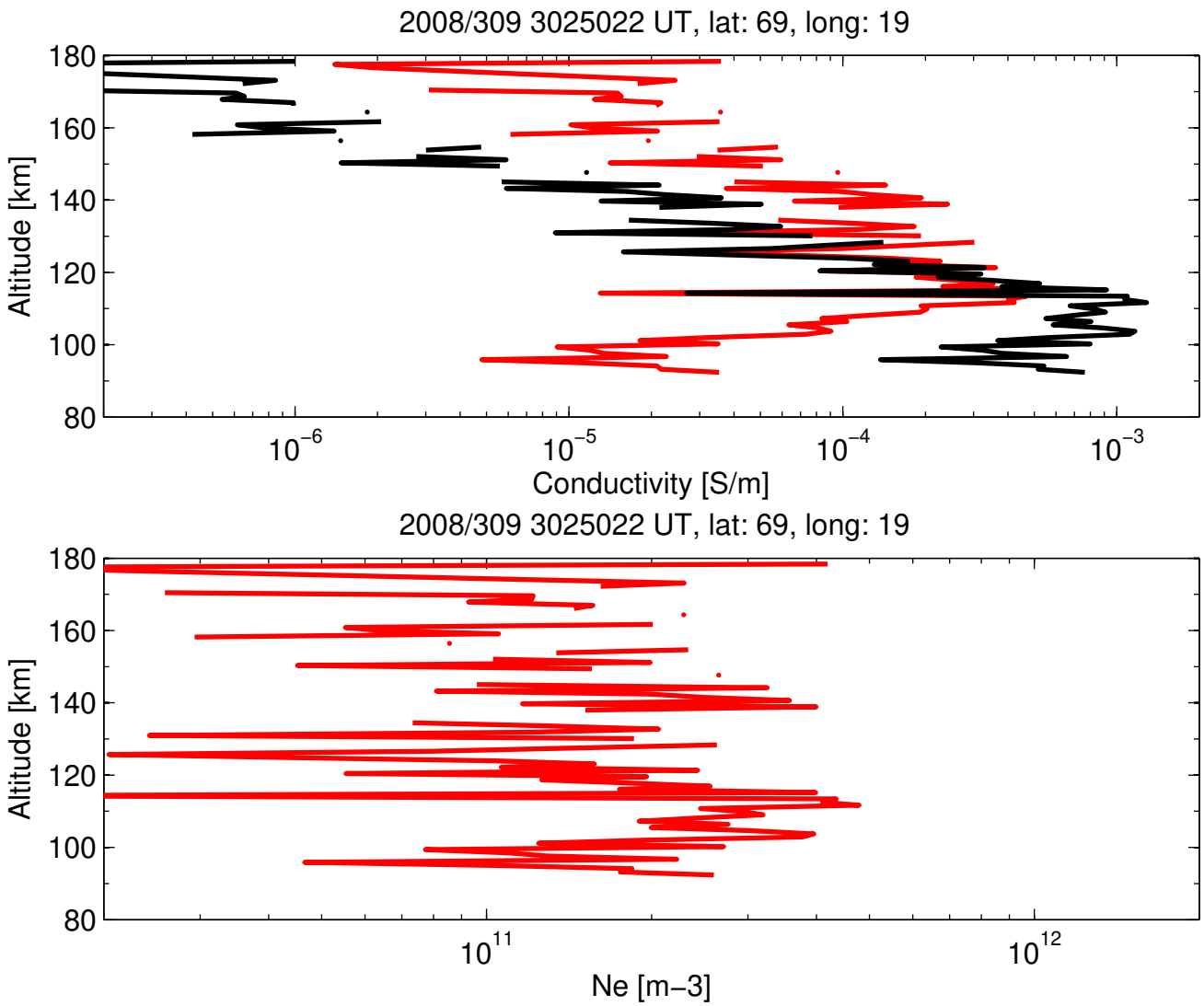
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3025022 UT, lat: 69, long: 19
Altitude [km]
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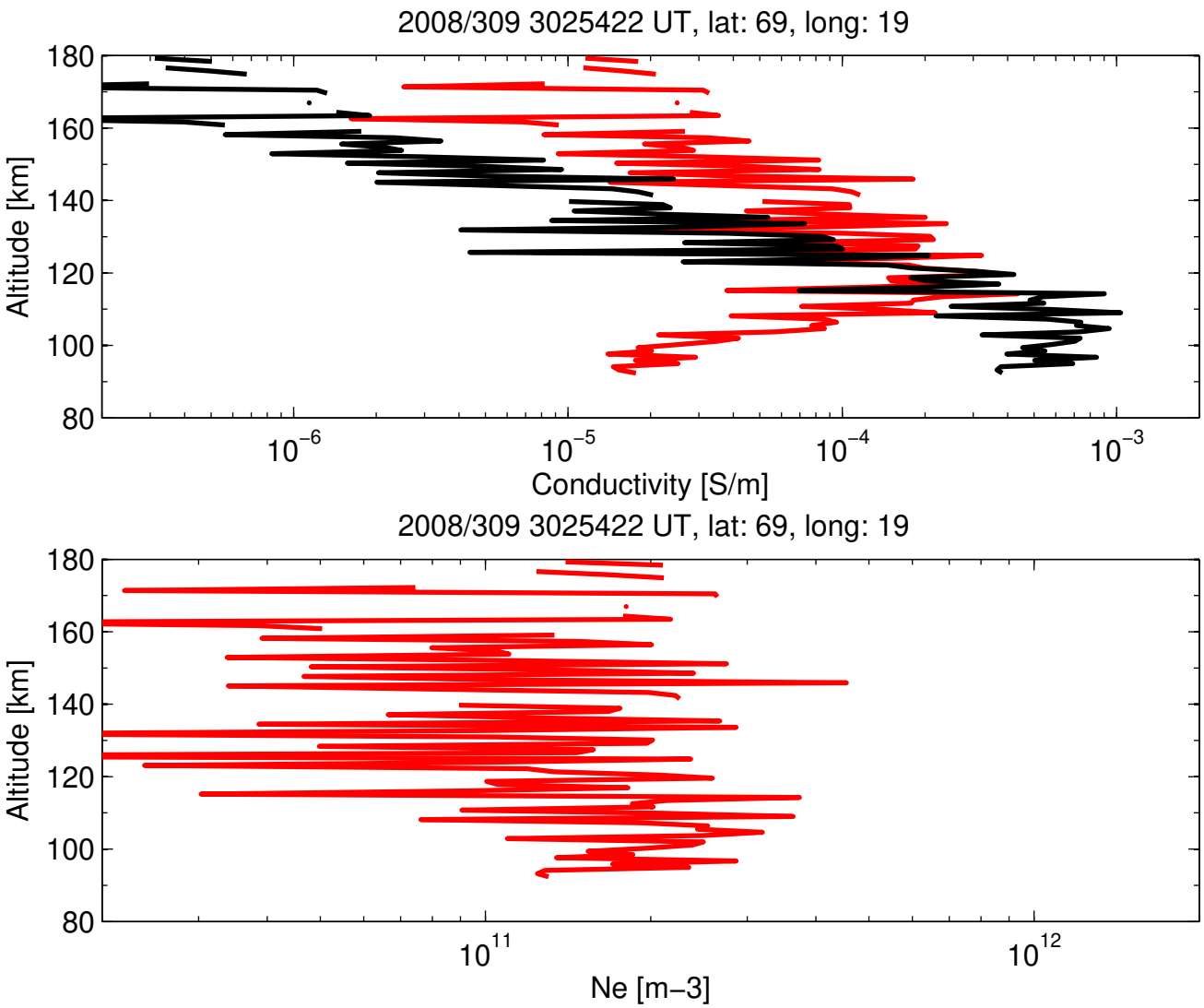
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3025022 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3025422 UT, lat: 69, long: 19
Altitude [km]
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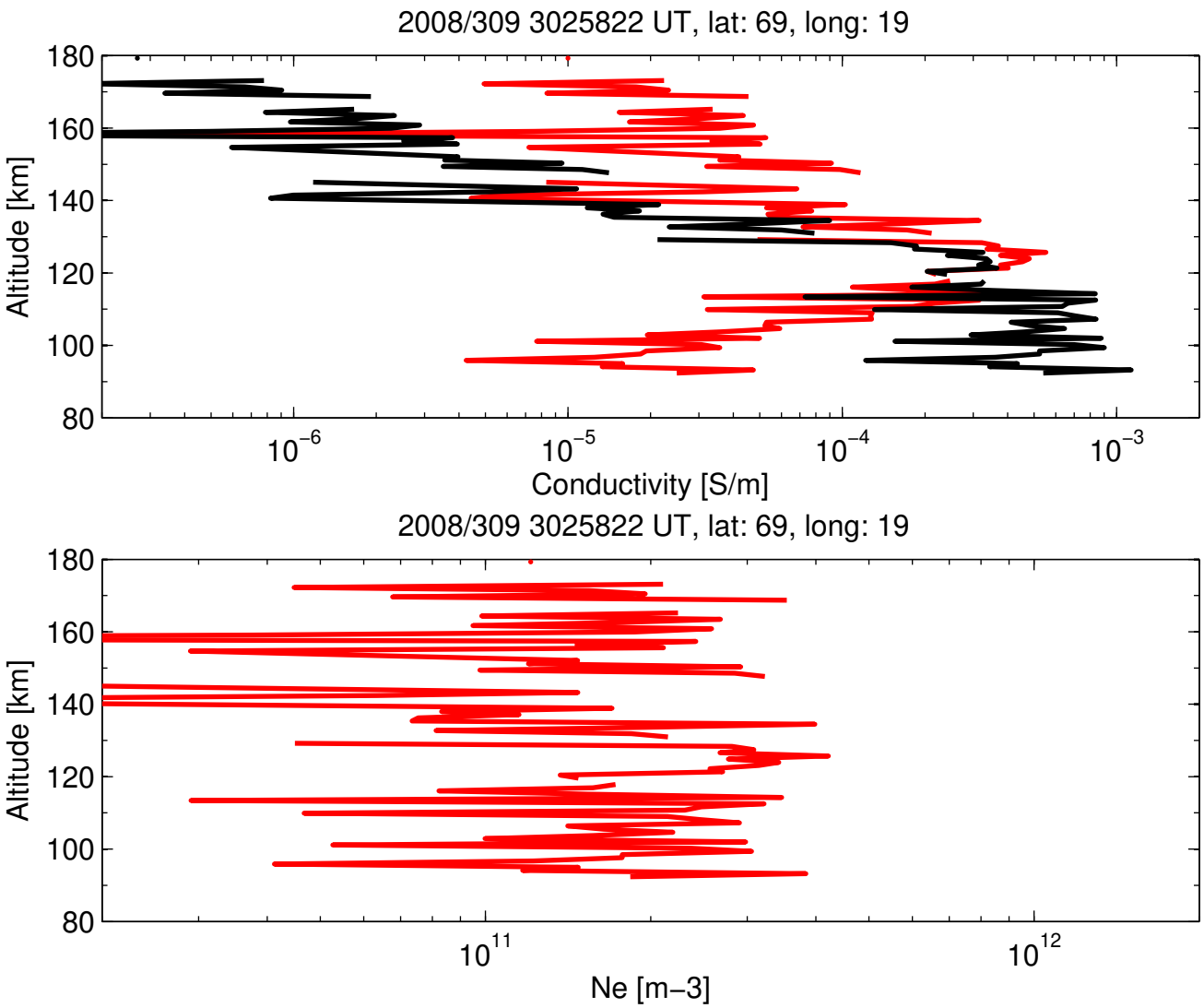
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3025422 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3025822 UT, lat: 69, long: 19
Altitude [km]
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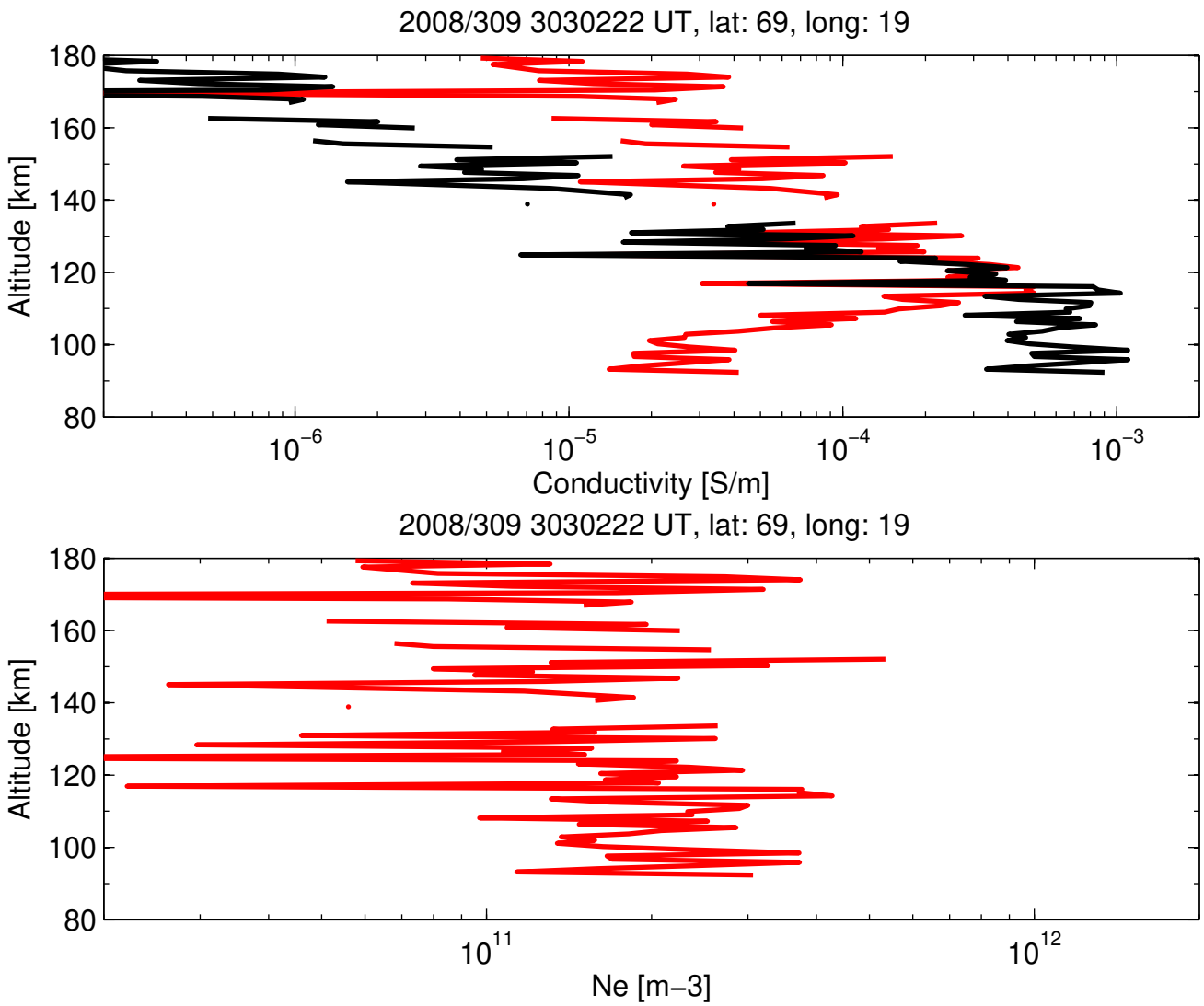
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3025822 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3030222 UT, lat: 69, long: 19
Altitude [km]
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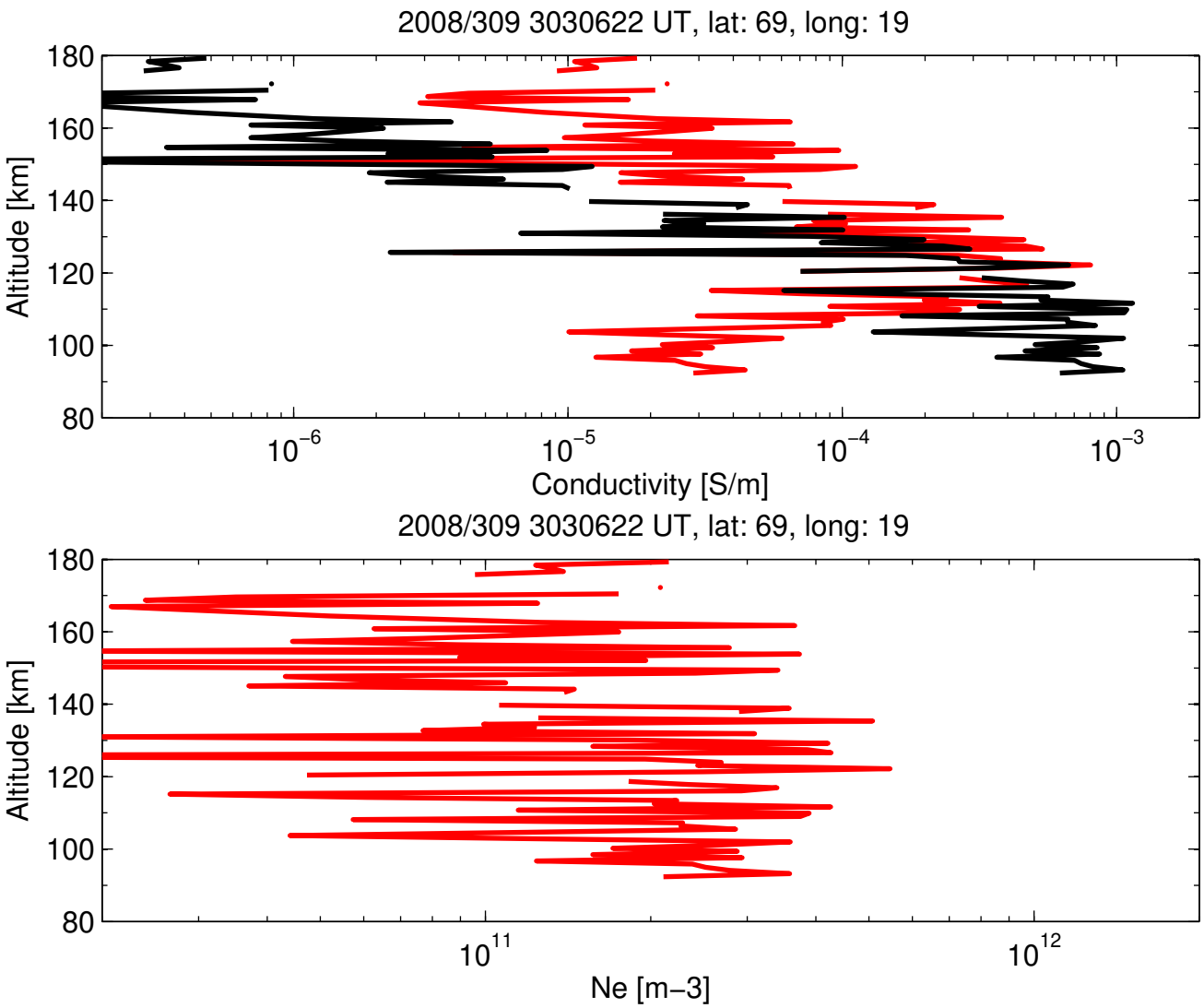
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3030222 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3030622 UT, lat: 69, long: 19
Altitude [km]
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140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3030622 UT, lat: 69, long: 19
Altitude [km]
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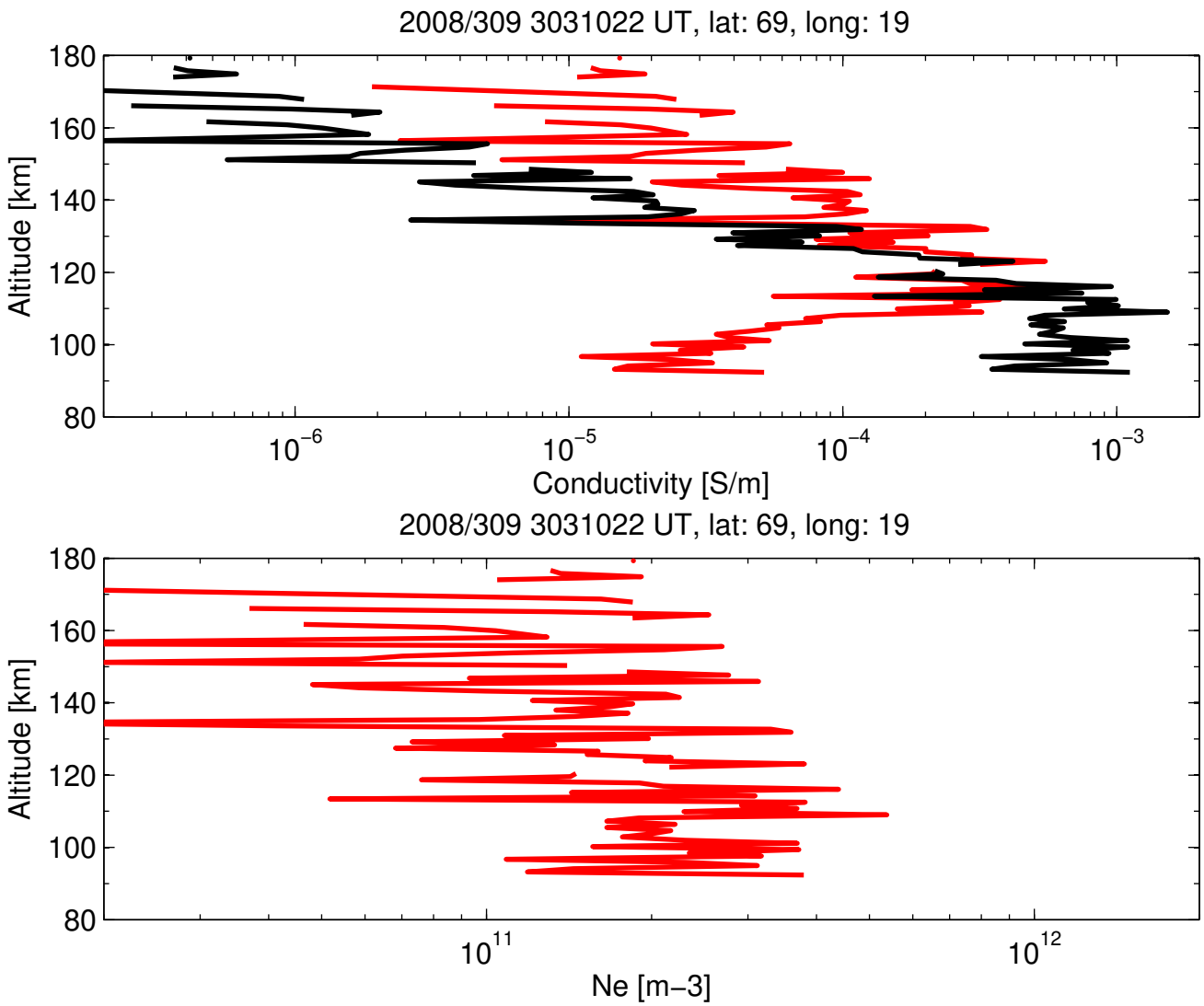
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3031022 UT, lat: 69, long: 19
Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3031022 UT, lat: 69, long: 19
Altitude [km]
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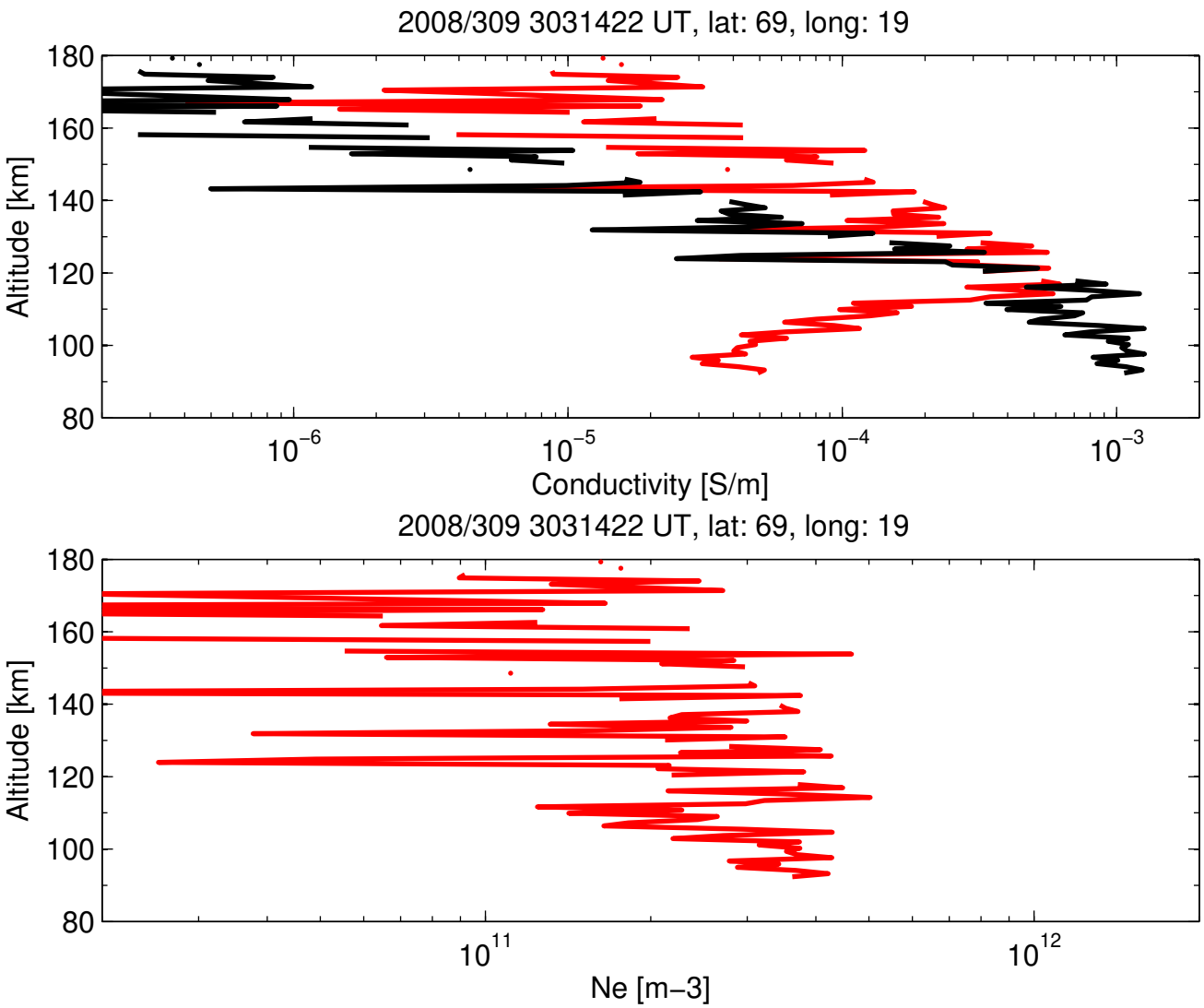
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3031422 UT, lat: 69, long: 19
Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3031422 UT, lat: 69, long: 19
Altitude [km]
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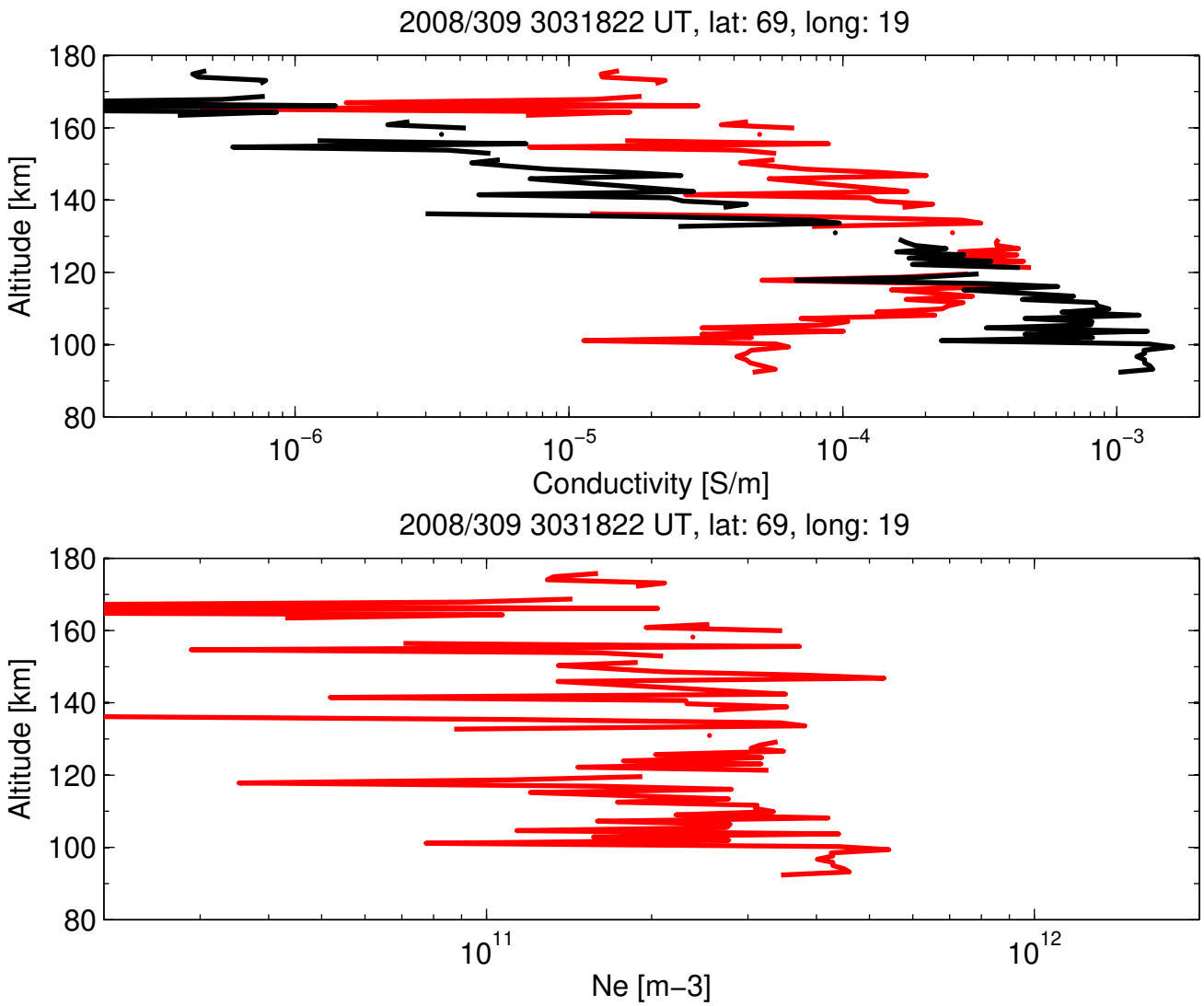
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3031822 UT, lat: 69, long: 19
Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3031822 UT, lat: 69, long: 19
Altitude [km]
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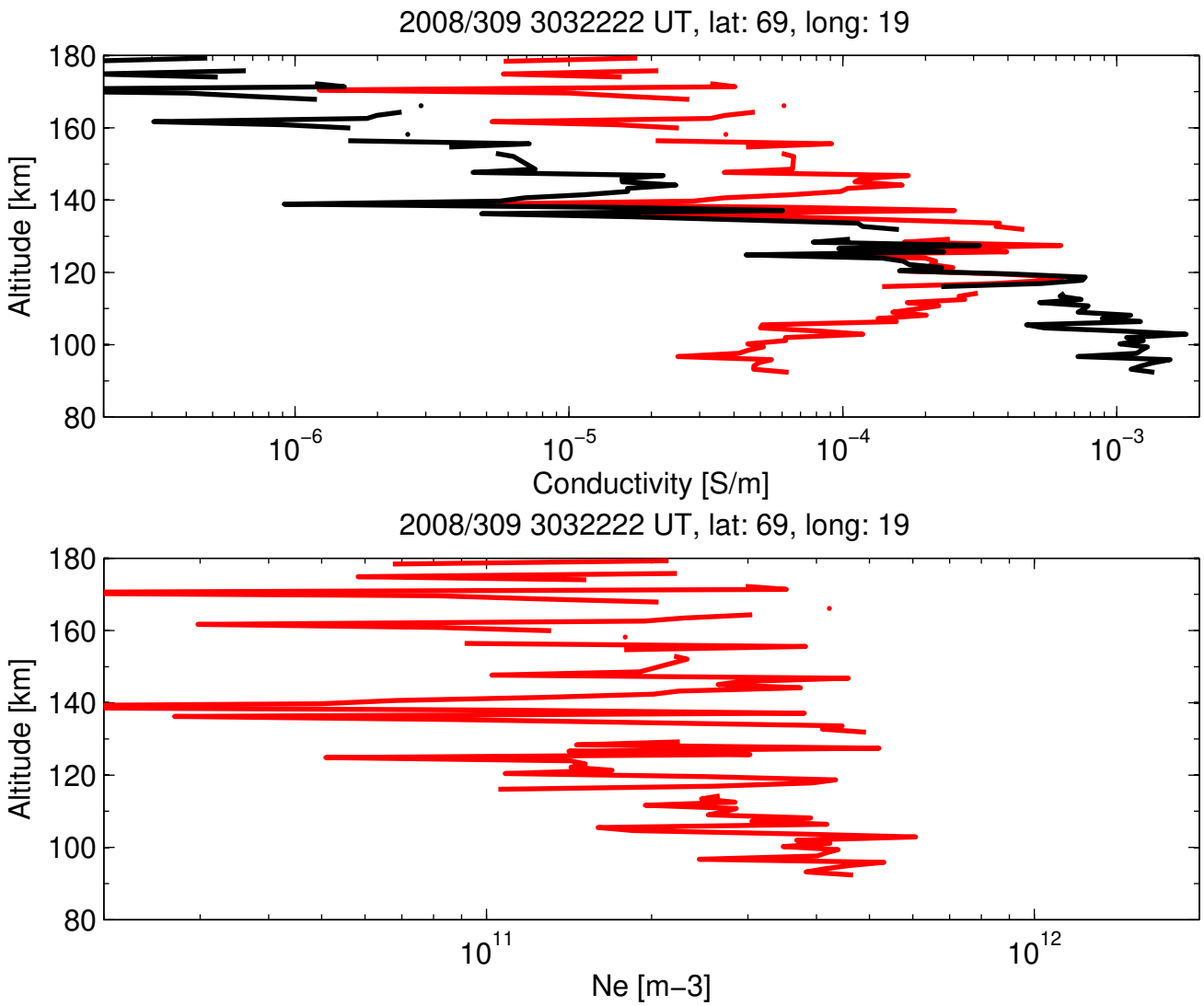
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3032222 UT, lat: 69, long: 19
Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3032222 UT, lat: 69, long: 19
Altitude [km]
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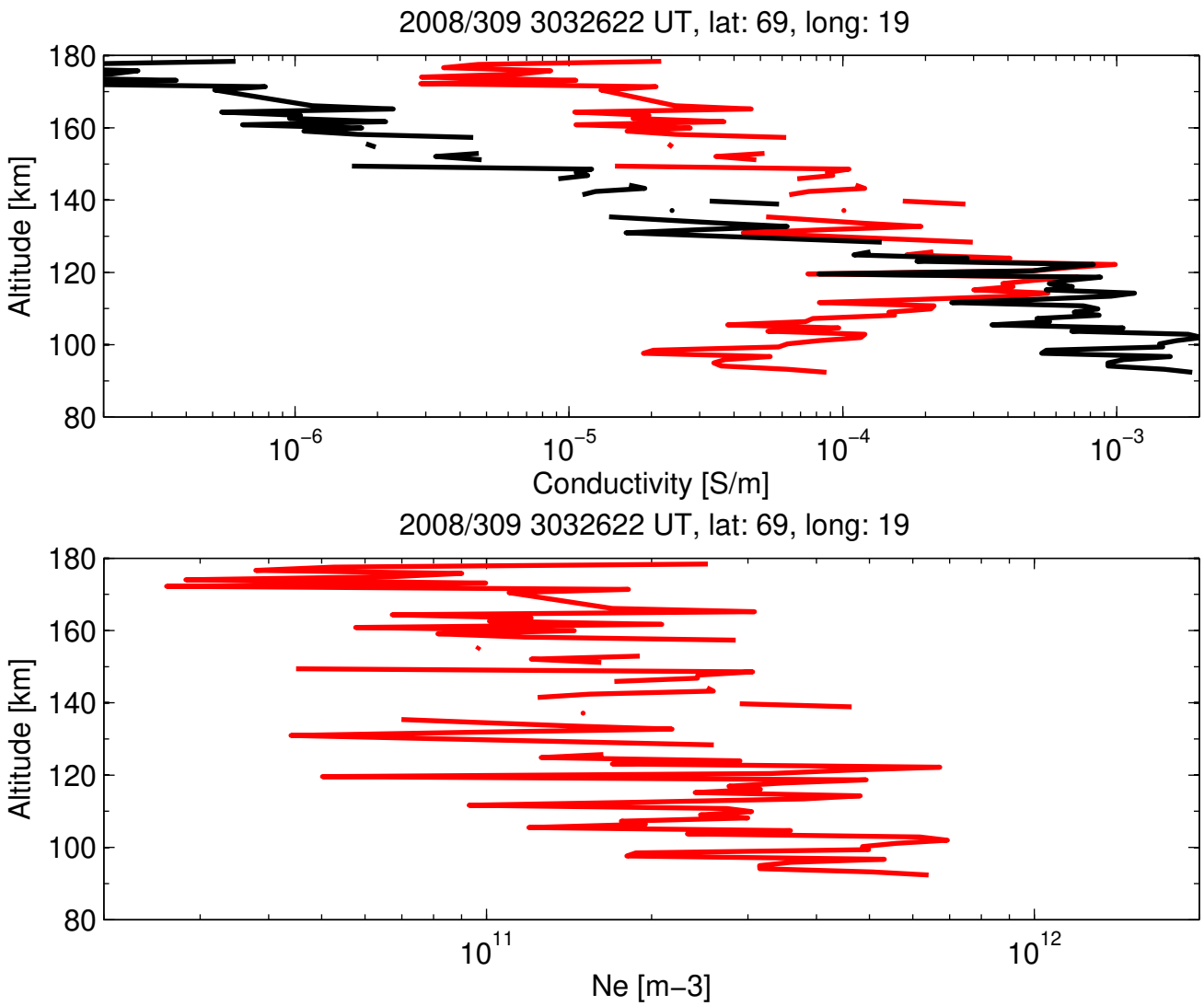
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3032622 UT, lat: 69, long: 19
Altitude [km]
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140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3032622 UT, lat: 69, long: 19
Altitude [km]
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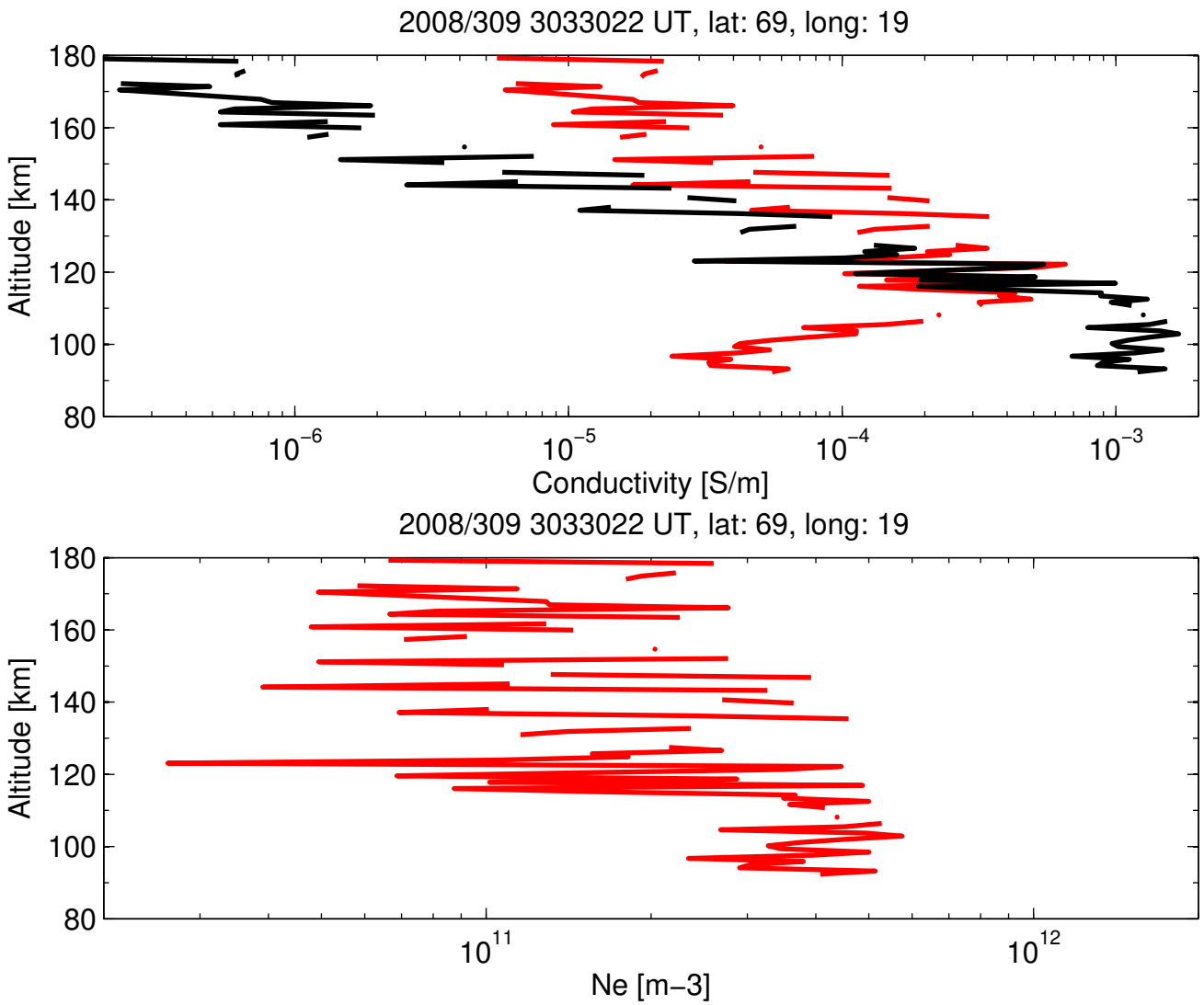
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3033022 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3033022 UT, lat: 69, long: 19
Altitude [km]
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120
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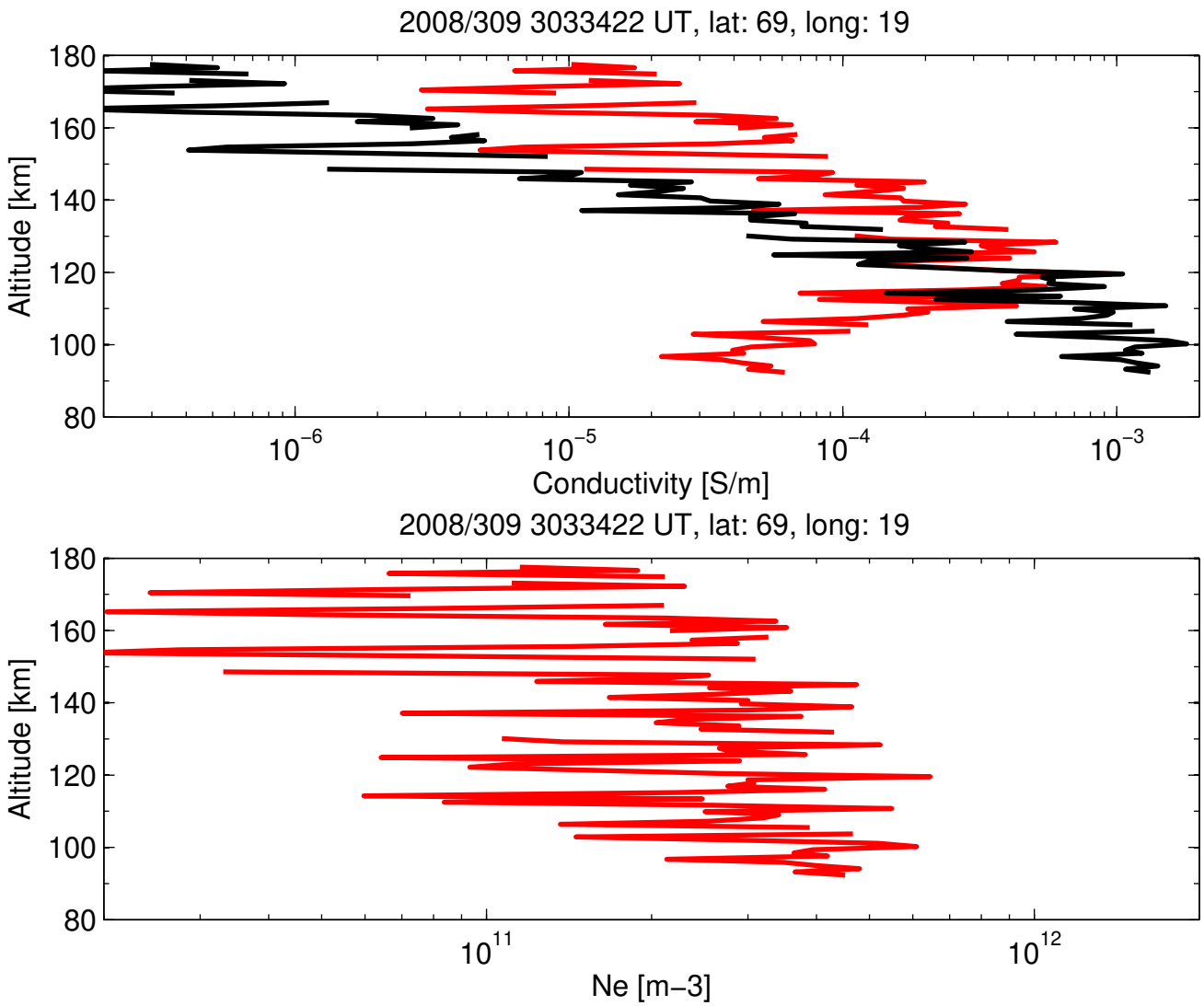
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3033422 UT, lat: 69, long: 19
Altitude [km]
180
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140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3033422 UT, lat: 69, long: 19
Altitude [km]
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160
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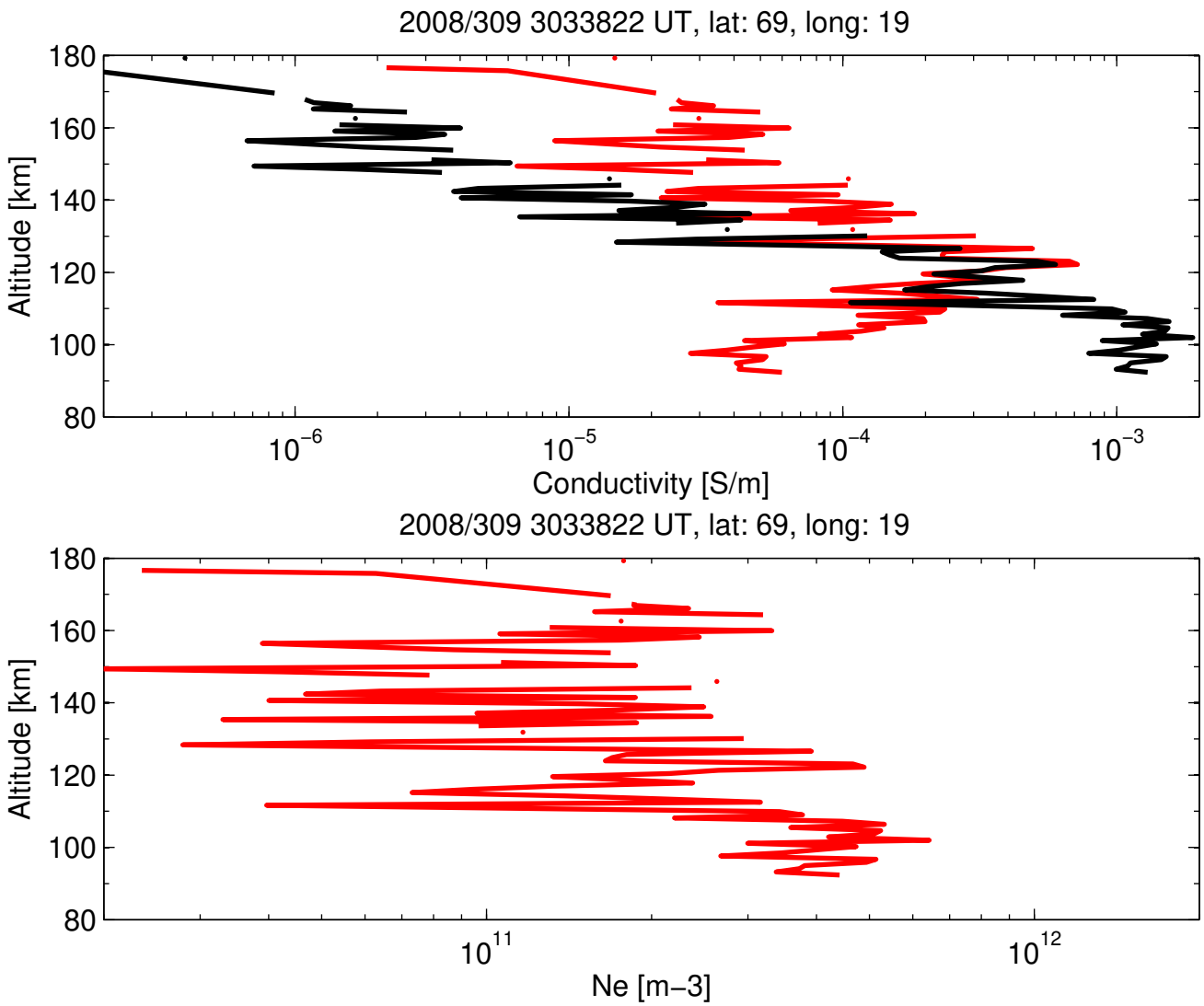
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3033822 UT, lat: 69, long: 19
Altitude [km]
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100
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3033822 UT, lat: 69, long: 19
Altitude [km]
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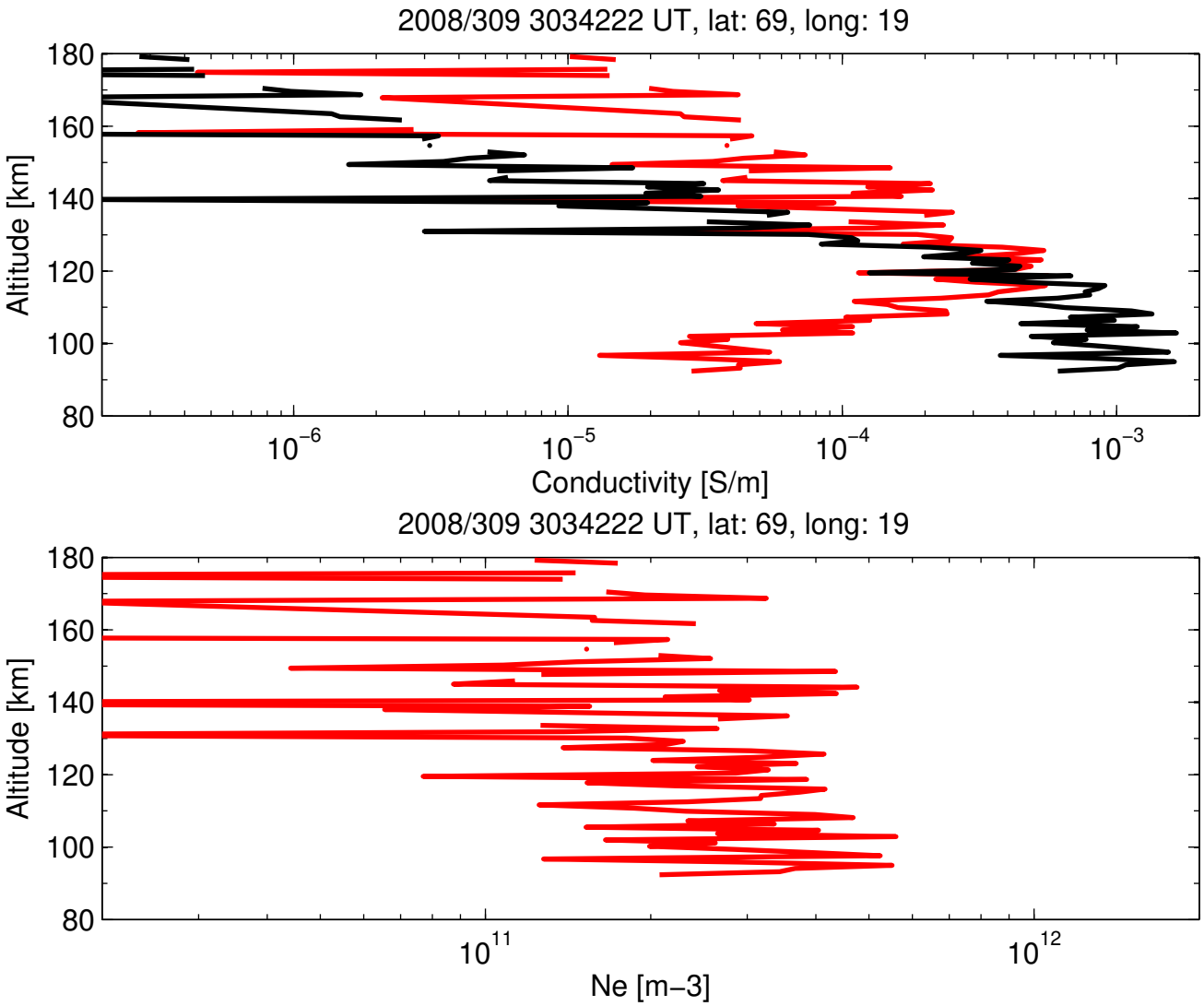
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3034222 UT, lat: 69, long: 19
Altitude [km]
180
160
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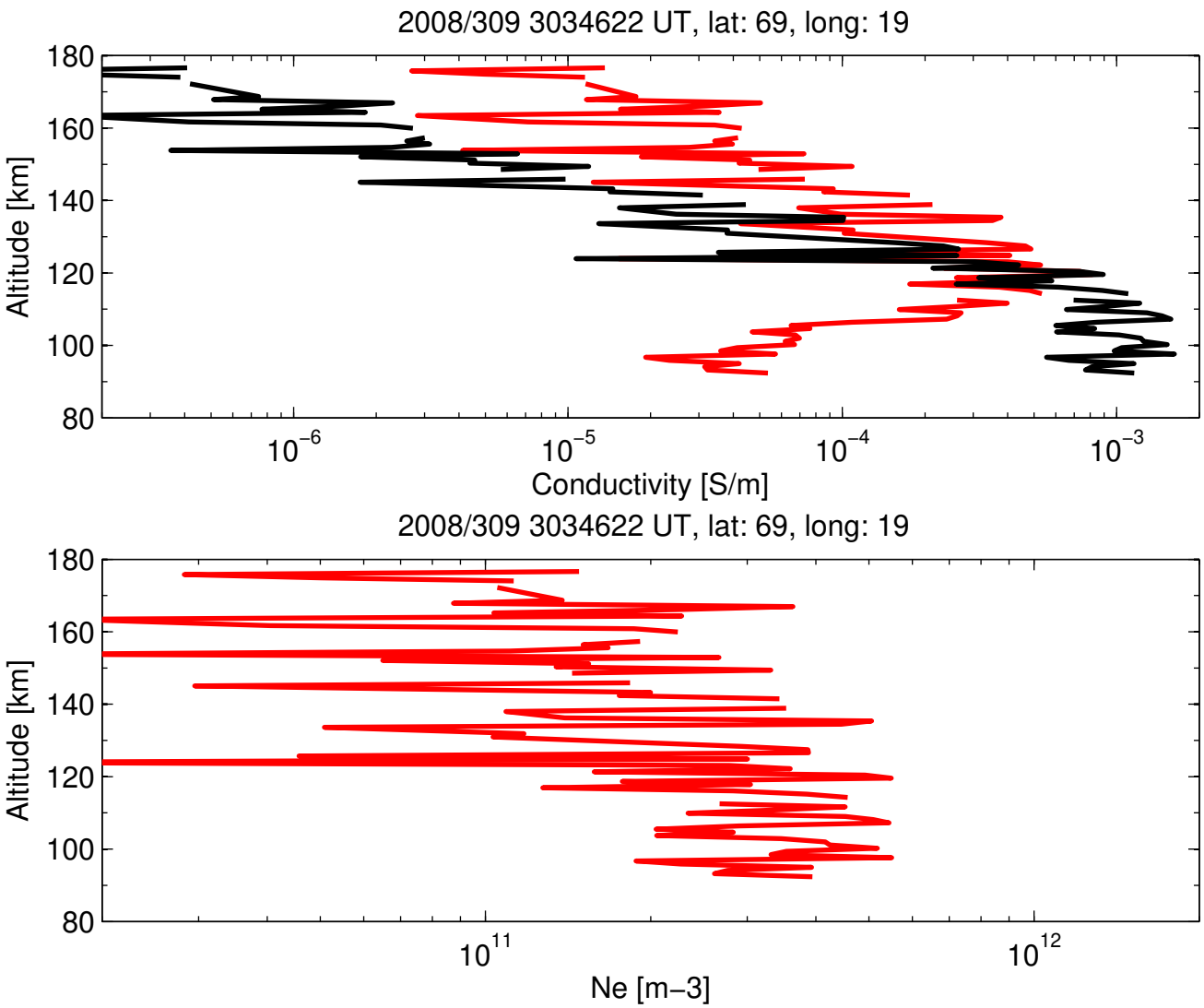
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3034222 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3034622 UT, lat: 69, long: 19
Altitude [km]
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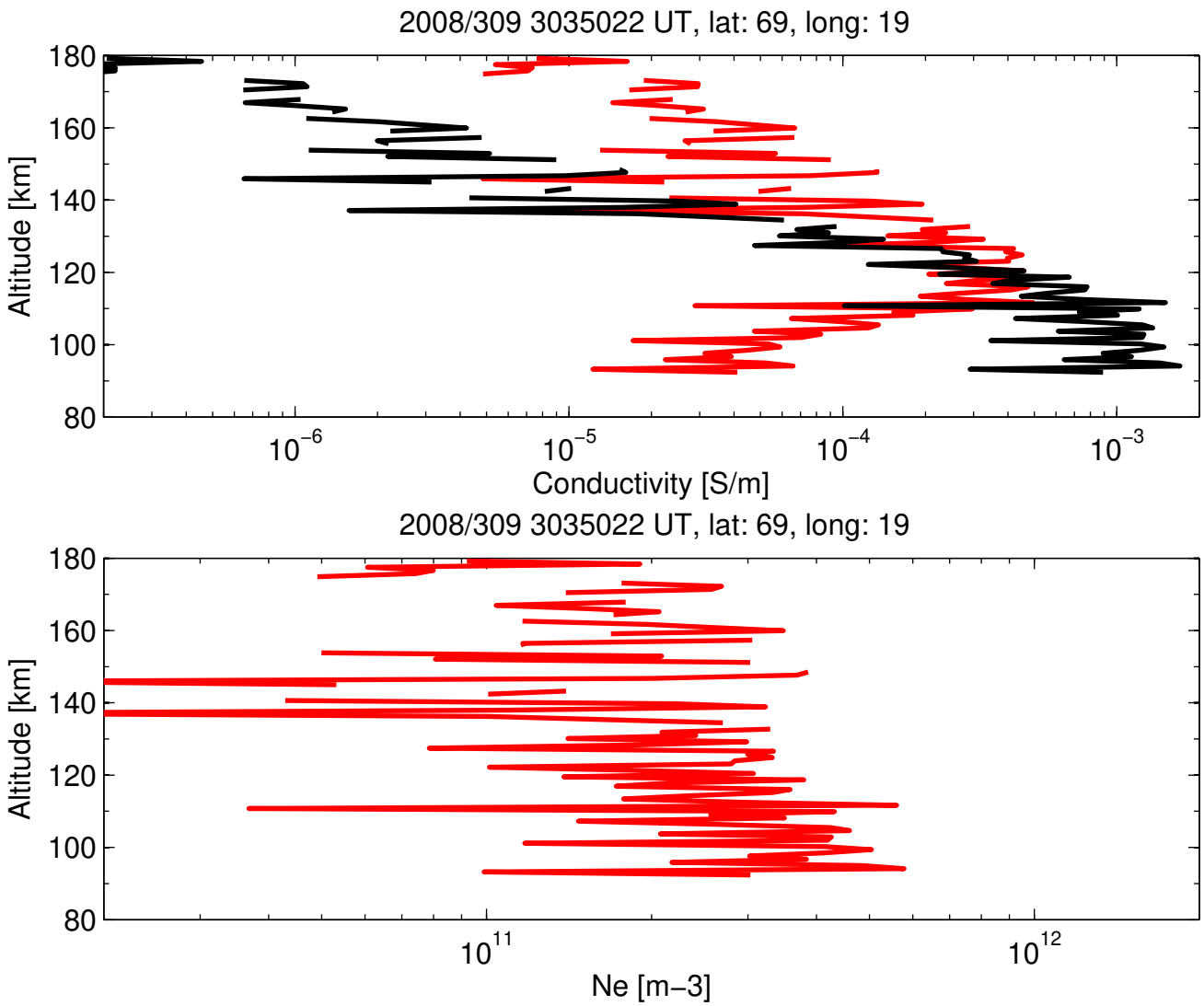
160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3034622 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3035022 UT, lat: 69, long: 19
Altitude [km]
180
160
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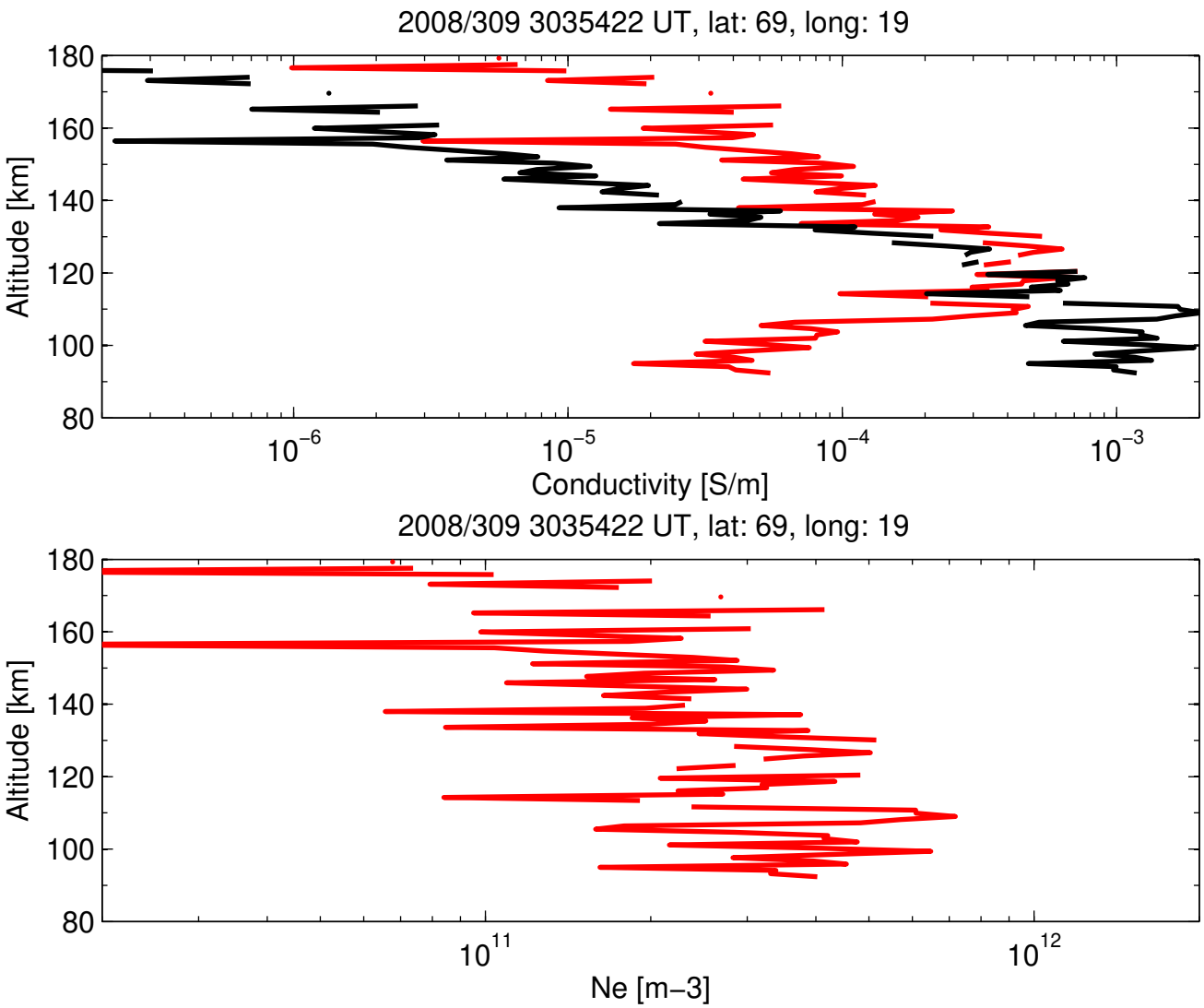
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3035022 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3035422 UT, lat: 69, long: 19
Altitude [km]
180
160
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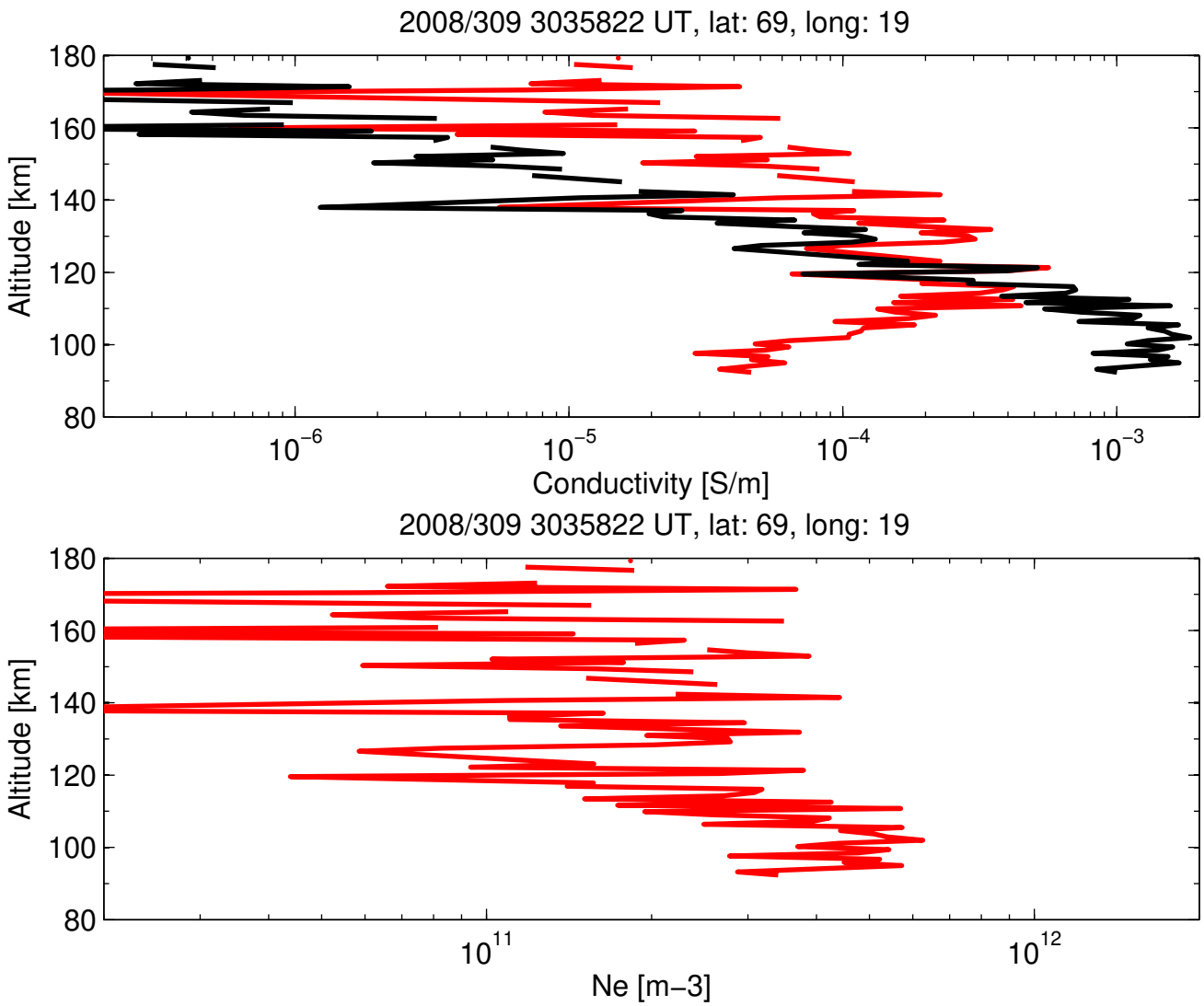
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3035422 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3035822 UT, lat: 69, long: 19
Altitude [km]
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160
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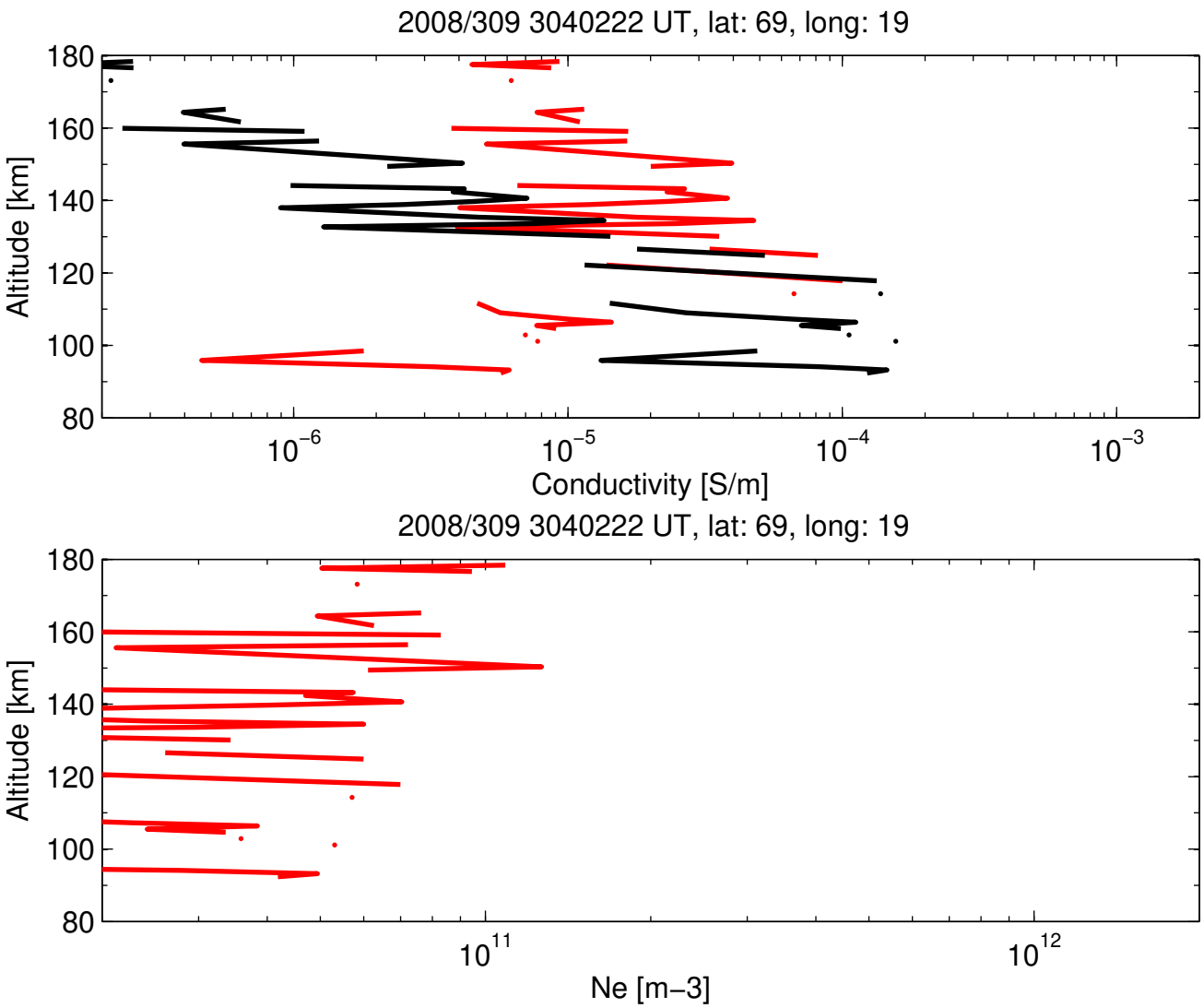
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3035822 UT, lat: 69, long: 19
Altitude [km]
180
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3040222 UT, lat: 69, long: 19
Altitude [km]
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140
120
100
80
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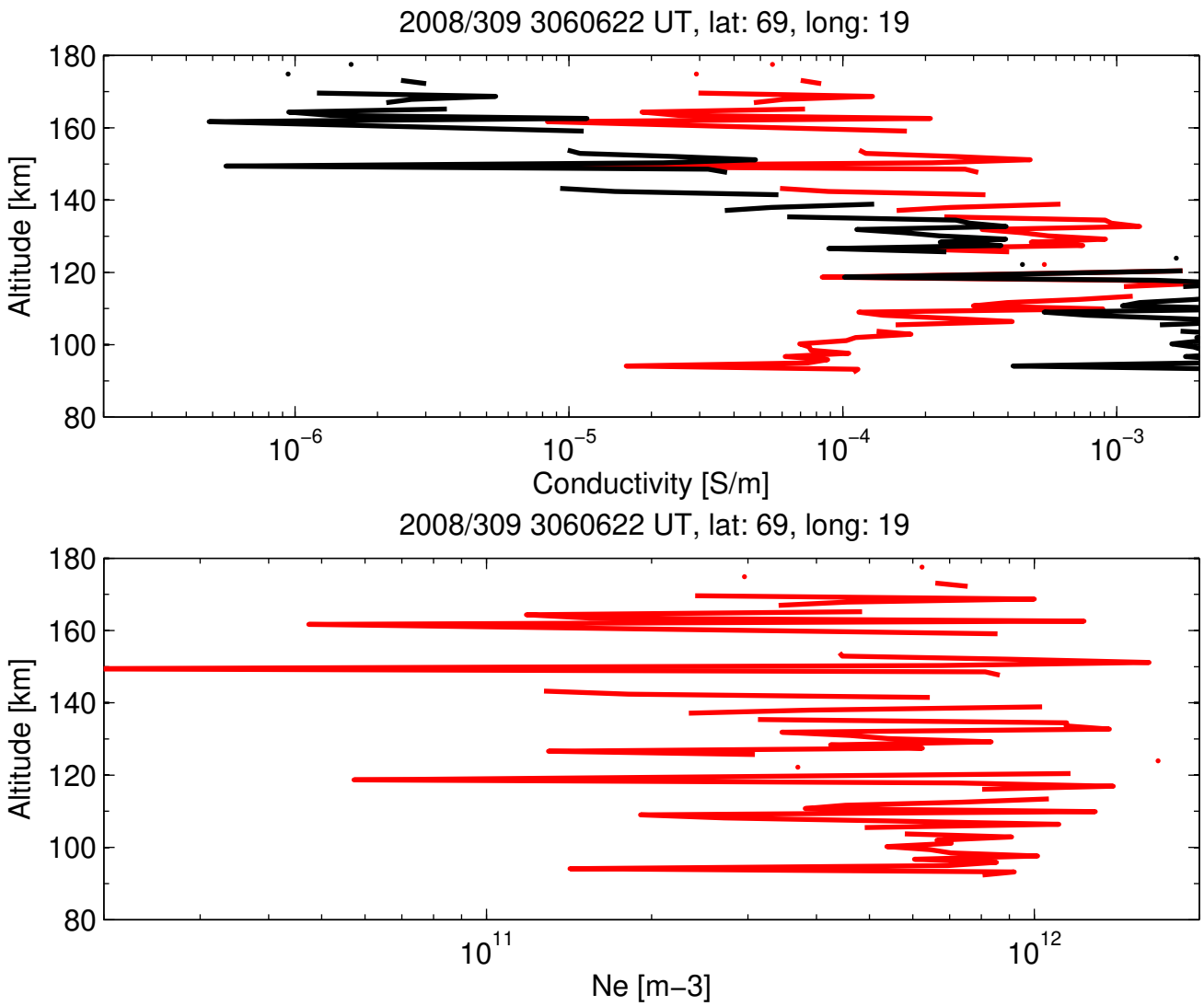
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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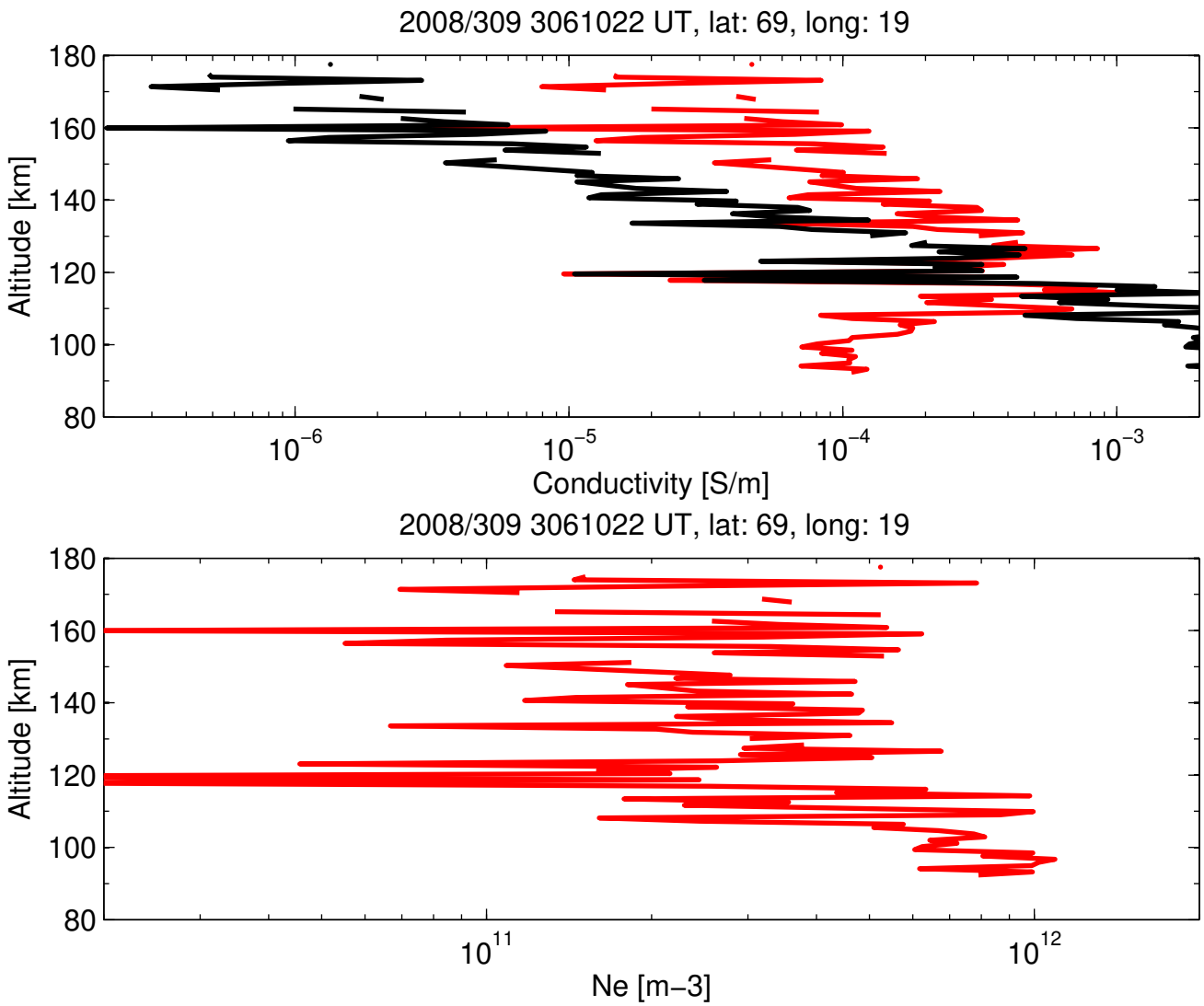
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3061022 UT, lat: 69, long: 19
Altitude [km]
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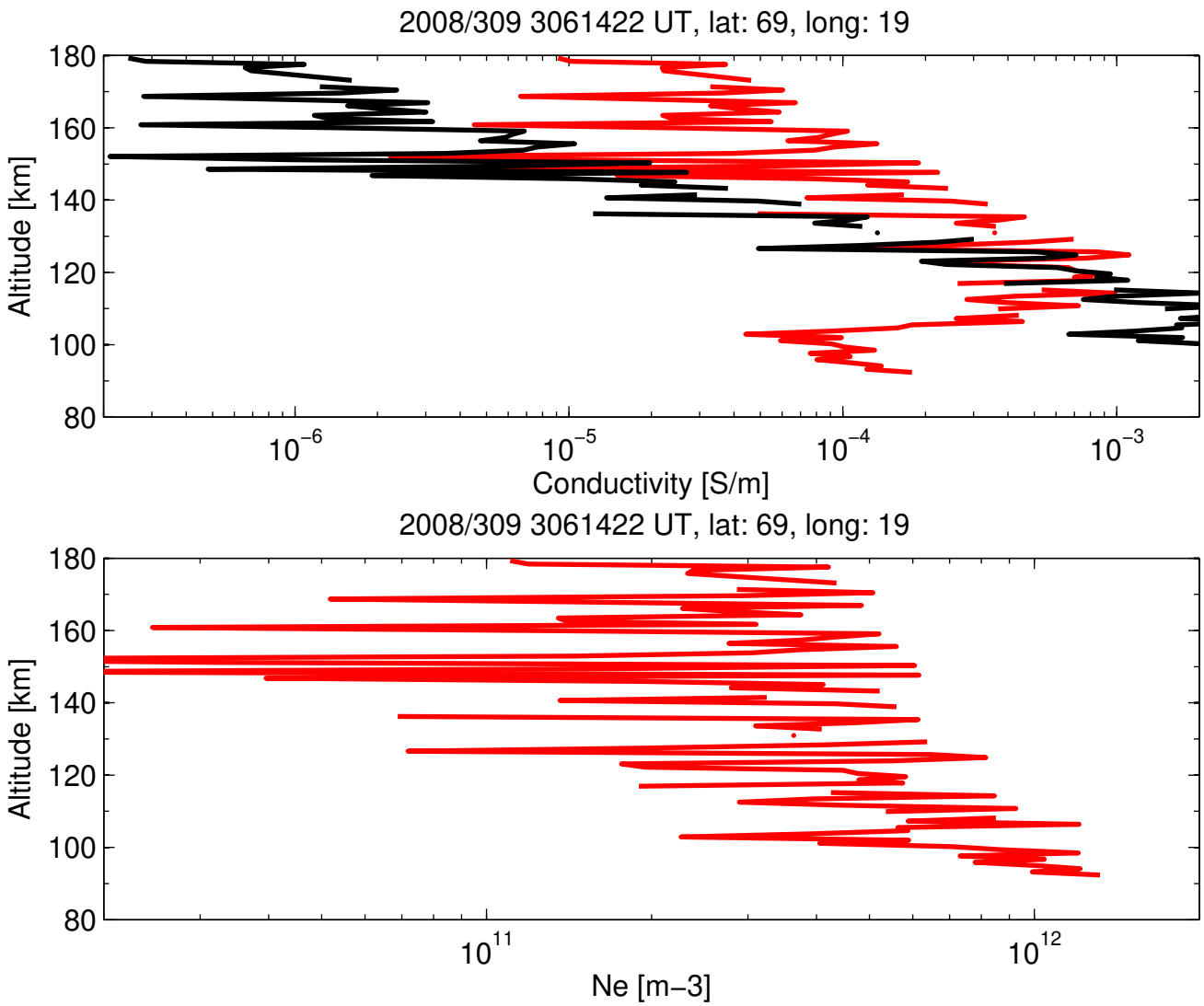
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3061422 UT, lat: 69, long: 19
Altitude [km]
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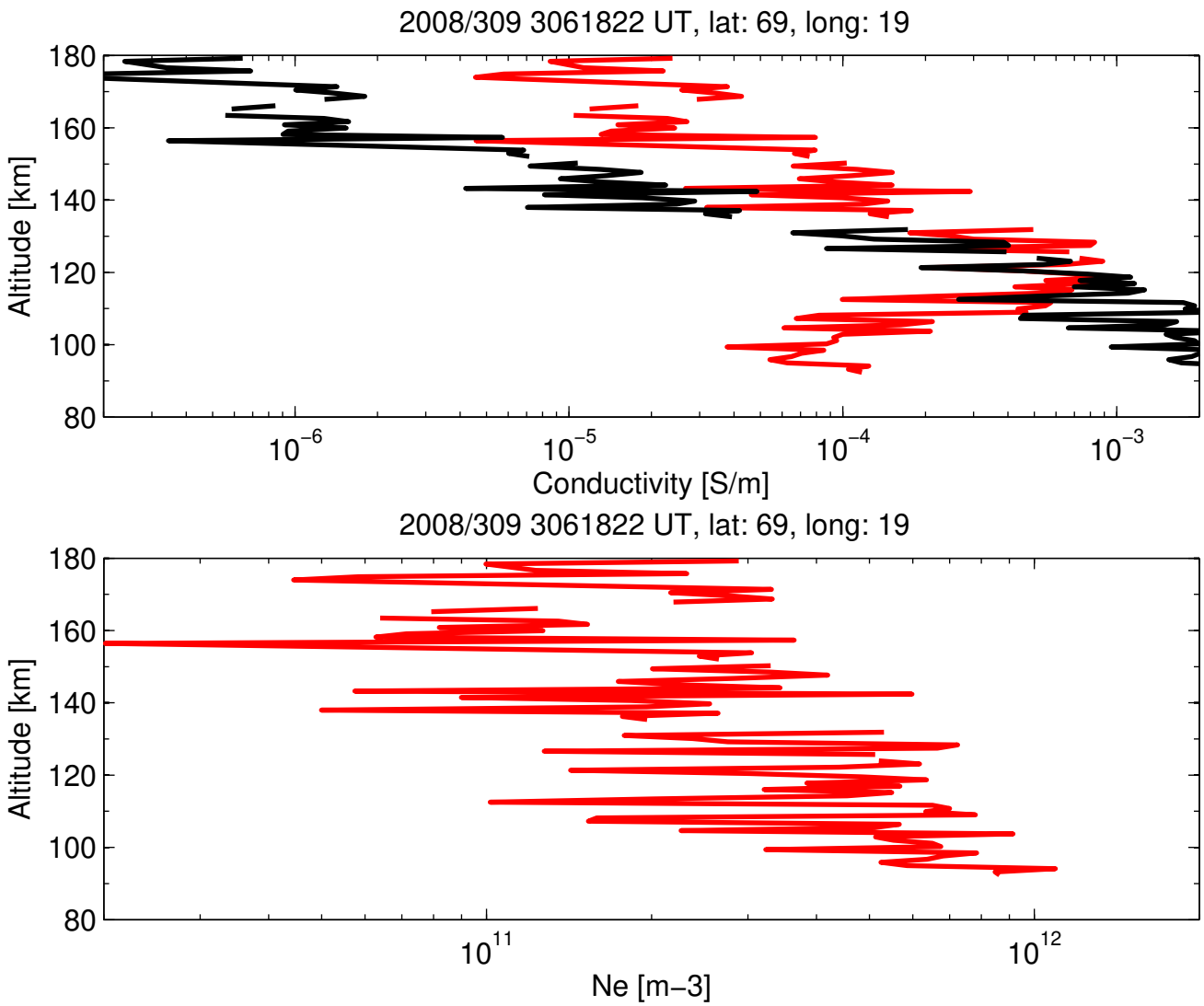
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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120
100
80
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10^{12}
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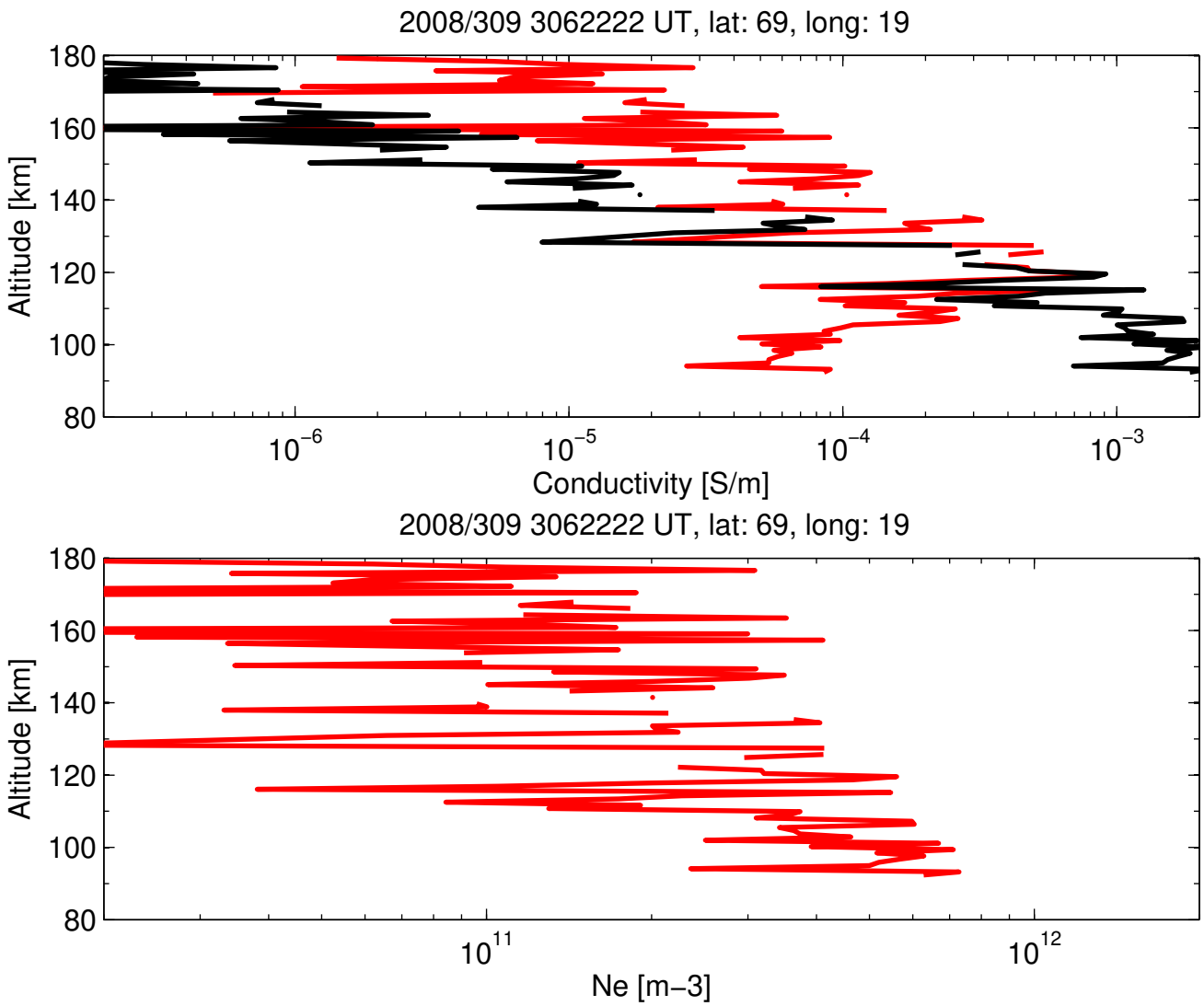
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Altitude [km]
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80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3062222 UT, lat: 69, long: 19
Altitude [km]
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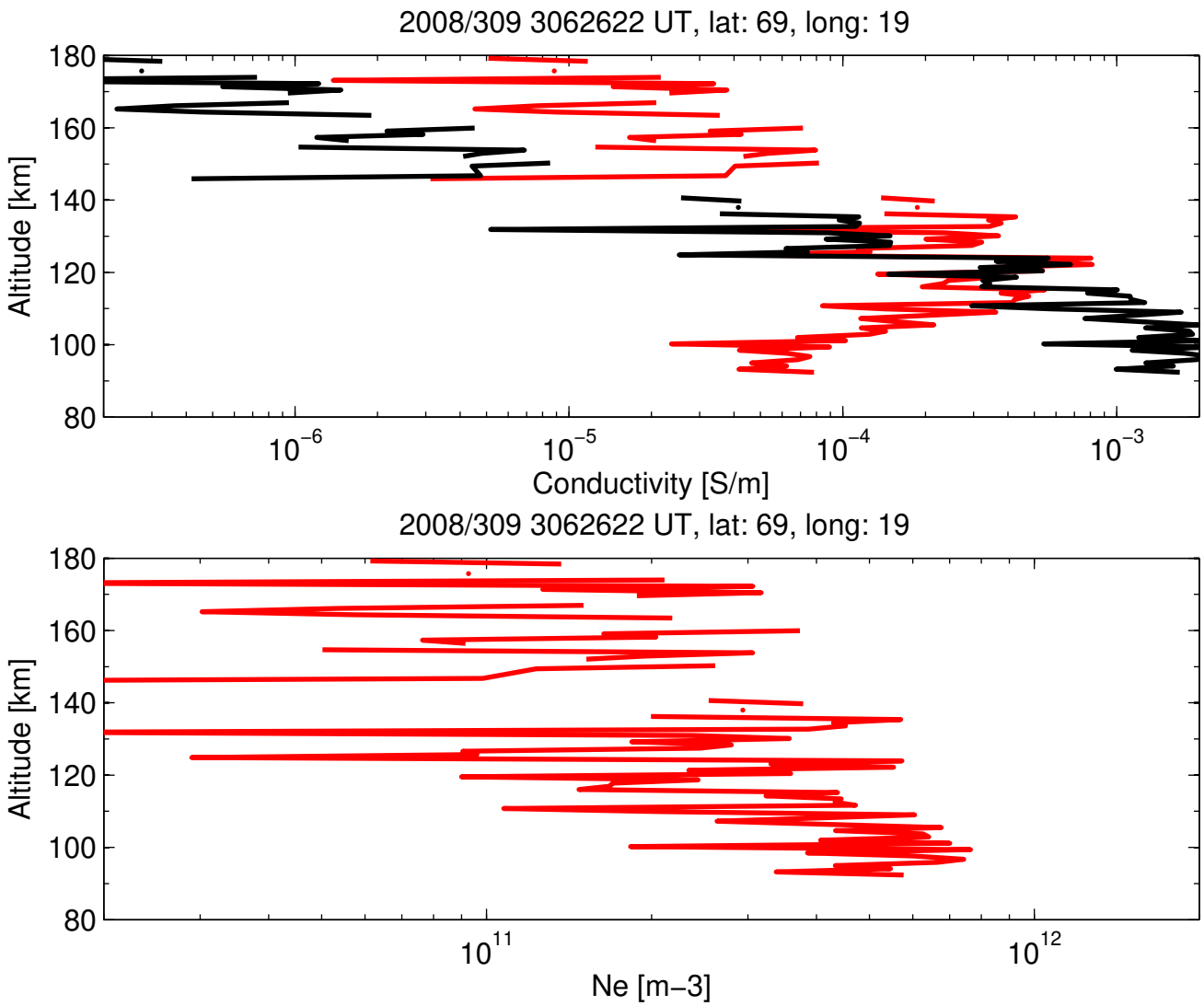
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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160
140
120
100
80
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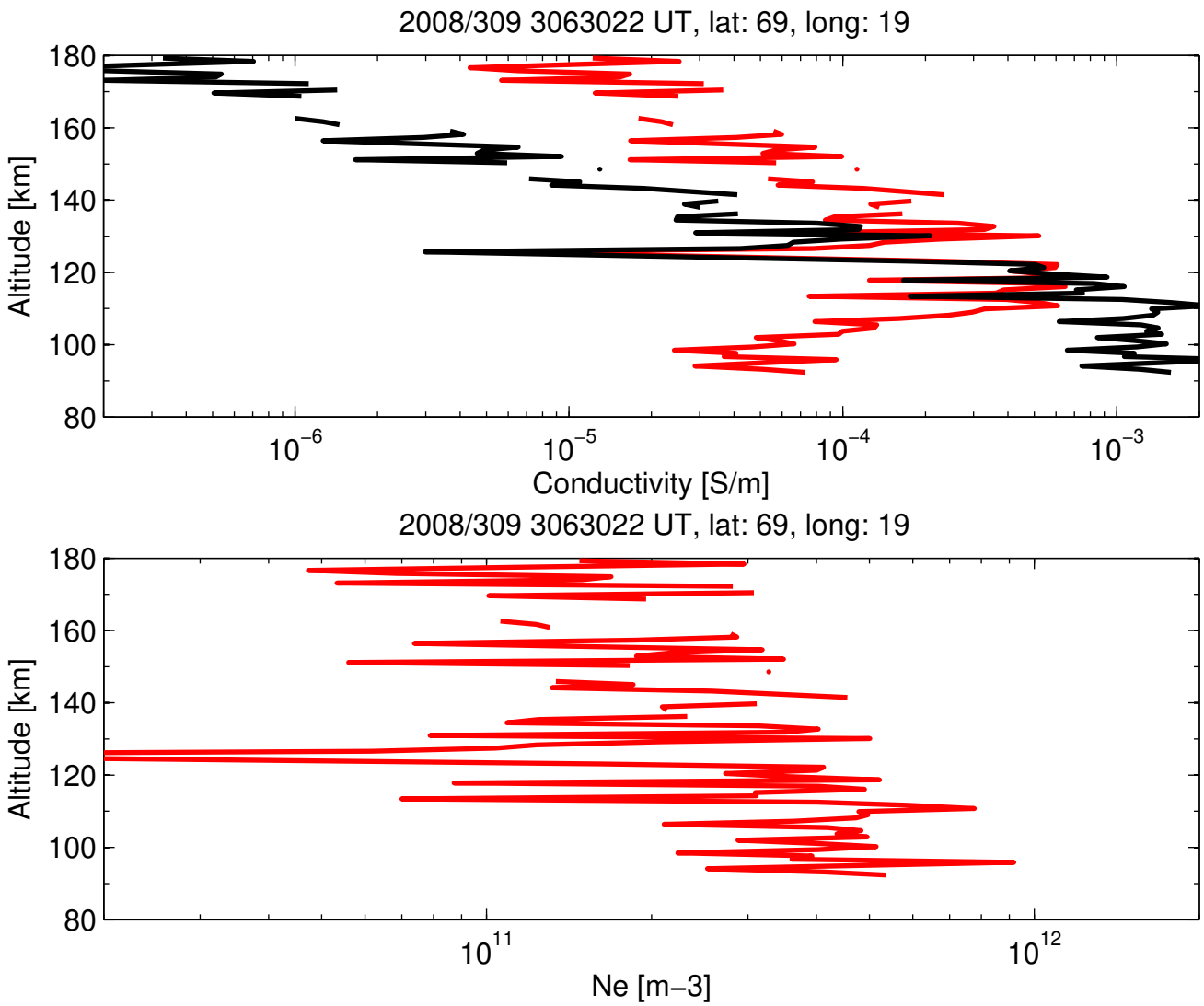
10^{12}
Ne [m−3]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Altitude [km]
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100
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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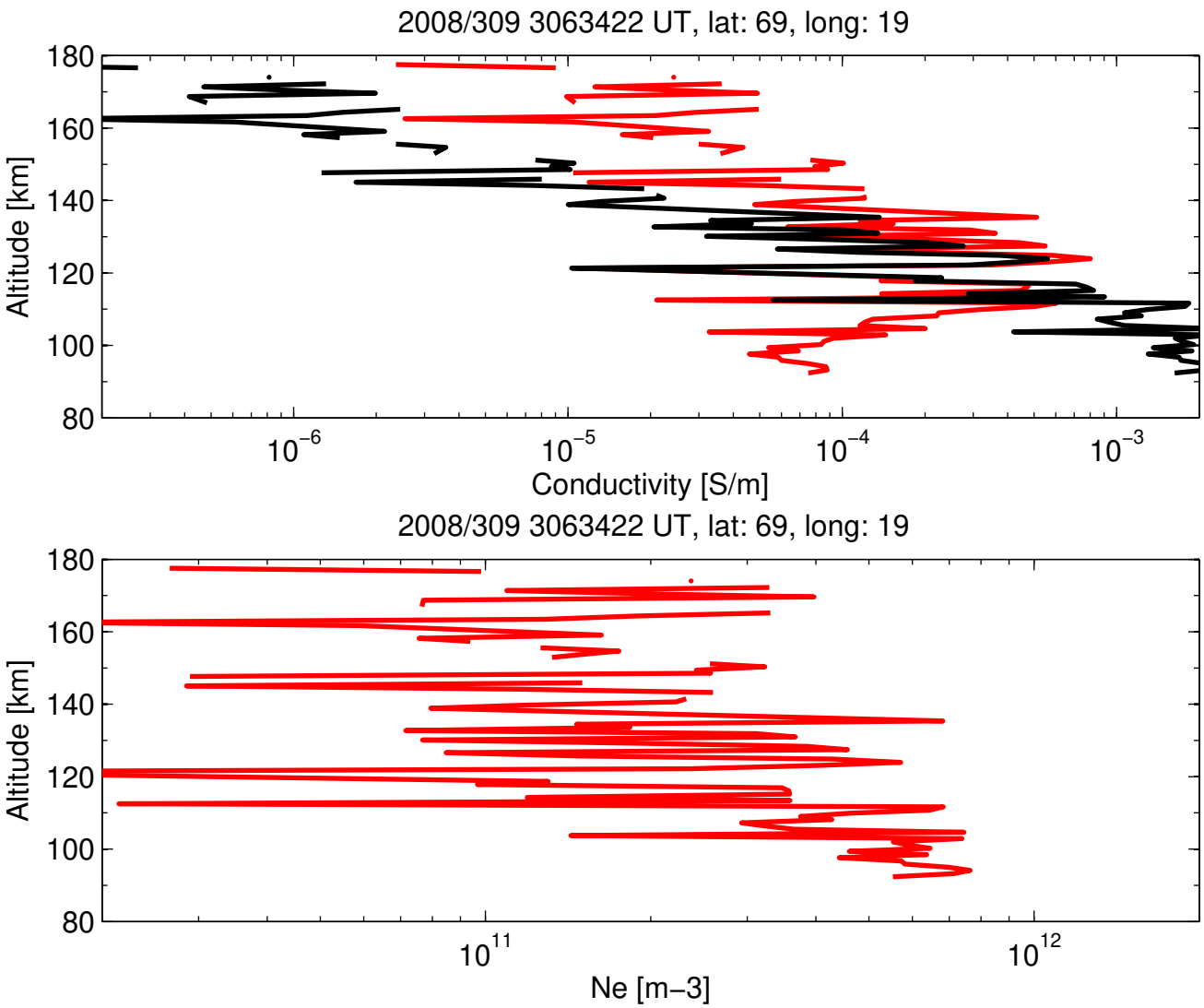
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3063422 UT, lat: 69, long: 19
Altitude [km]
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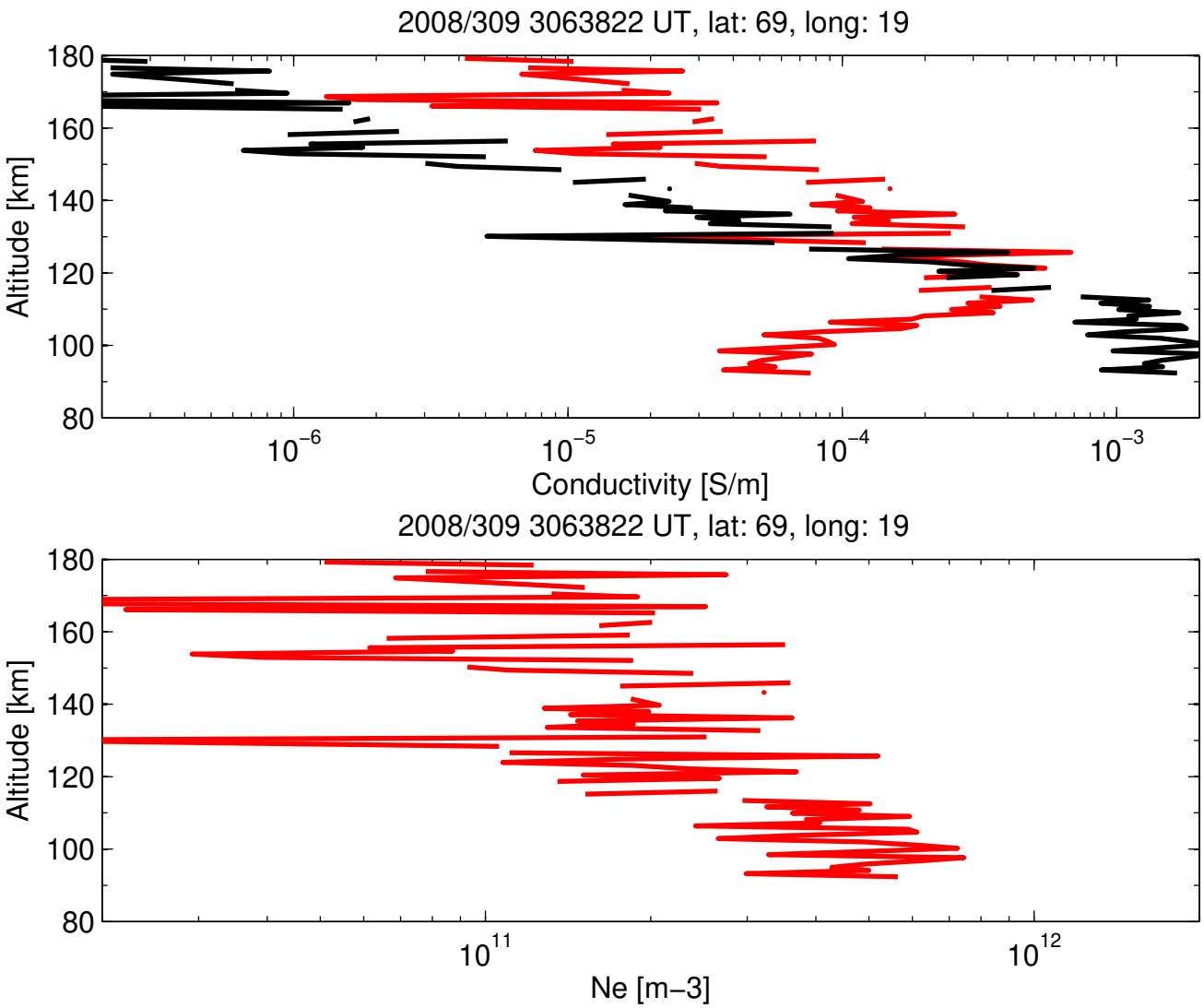
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3063822 UT, lat: 69, long: 19
Altitude [km]
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160
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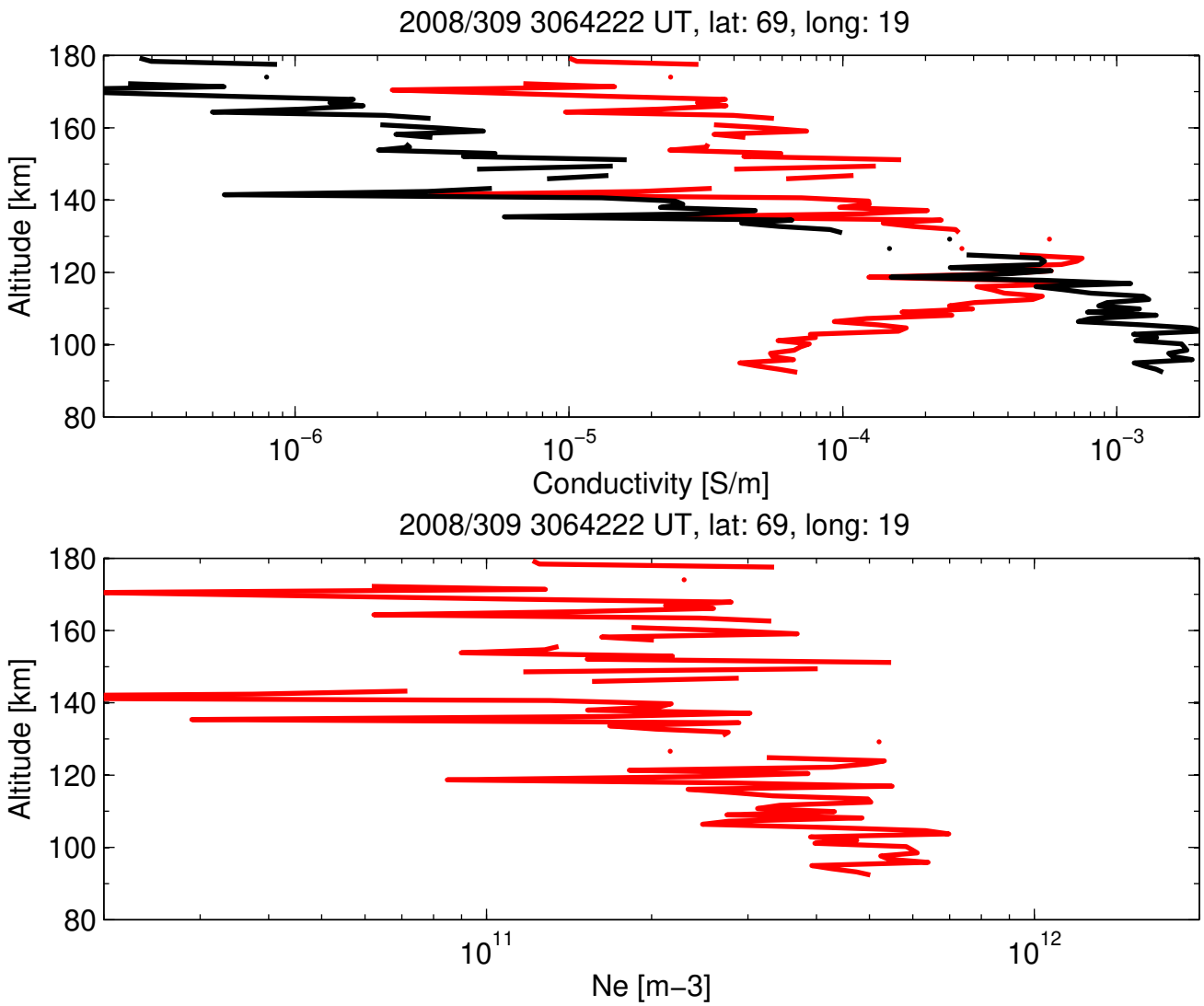
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3064222 UT, lat: 69, long: 19
Altitude [km]
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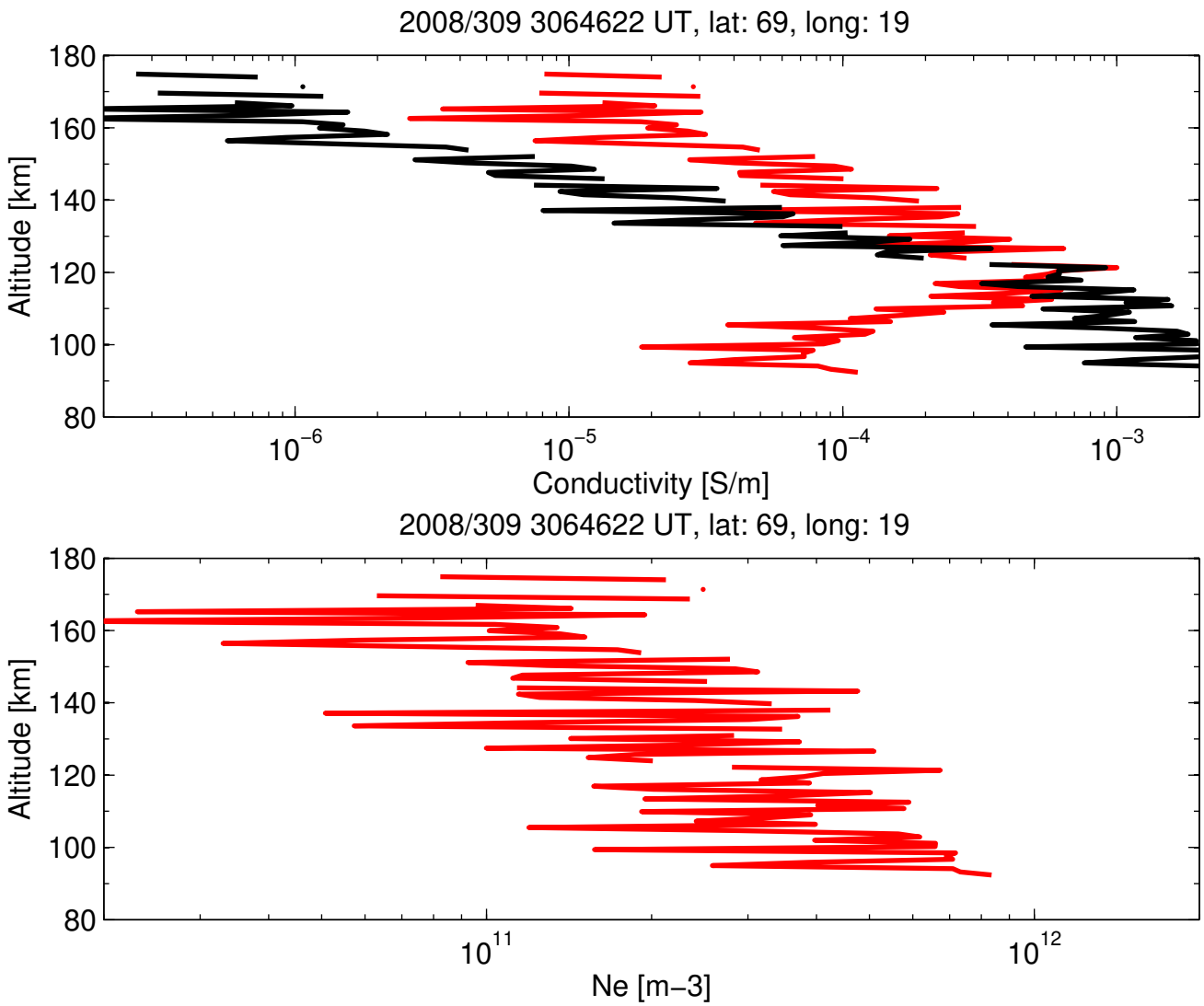
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3064622 UT, lat: 69, long: 19
Altitude [km]
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160
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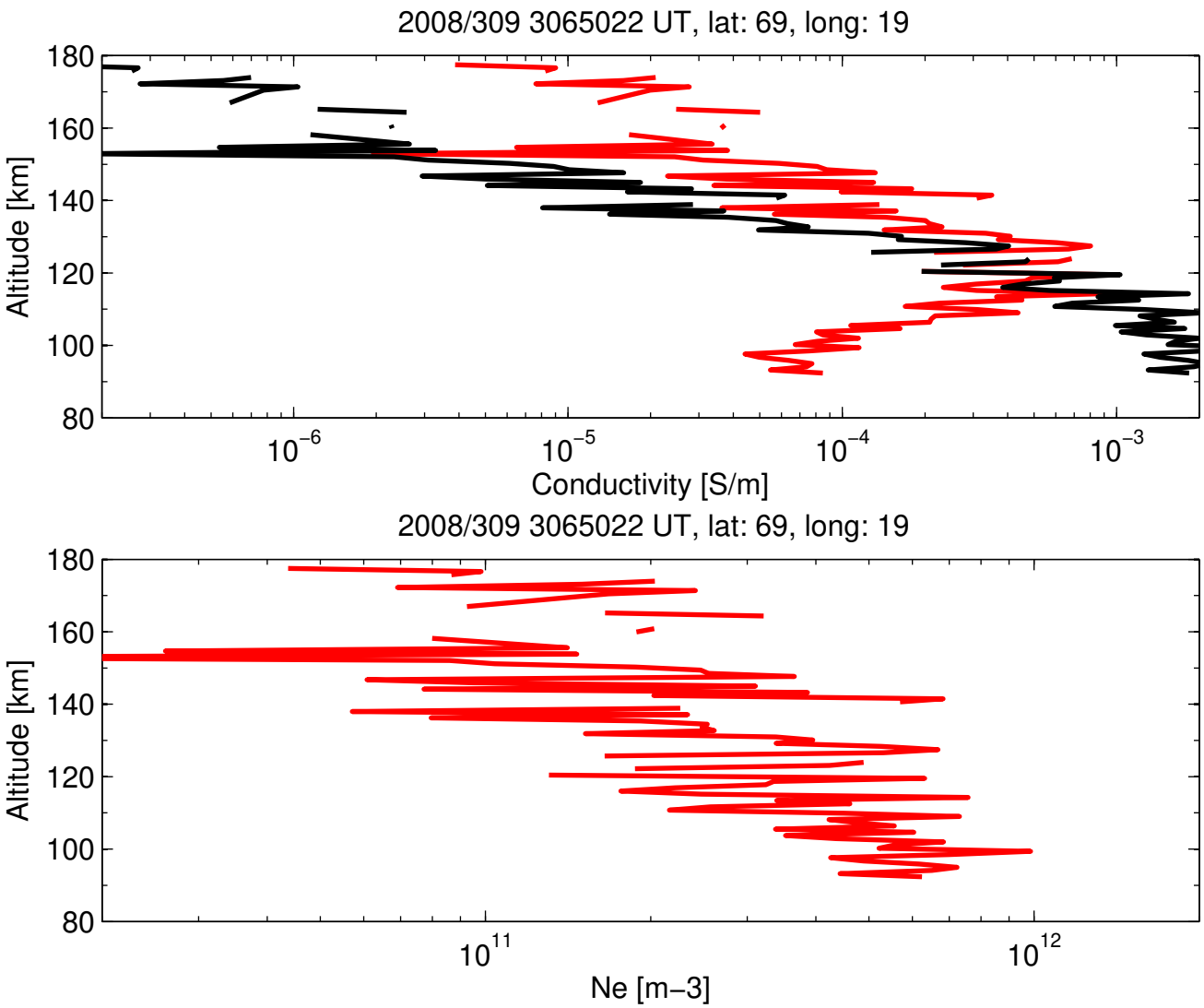
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3065022 UT, lat: 69, long: 19
Altitude [km]
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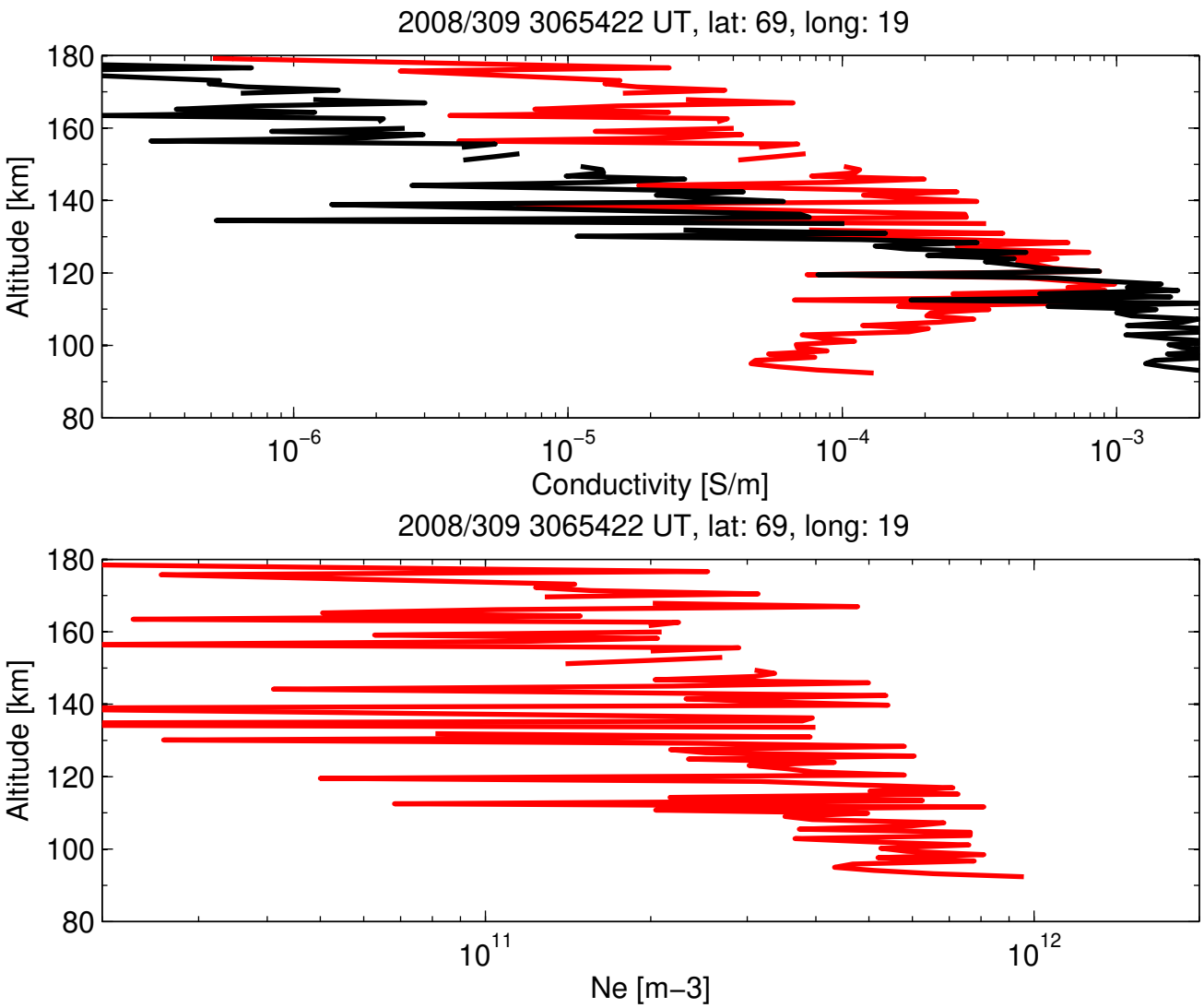
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3065422 UT, lat: 69, long: 19
Altitude [km]
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120
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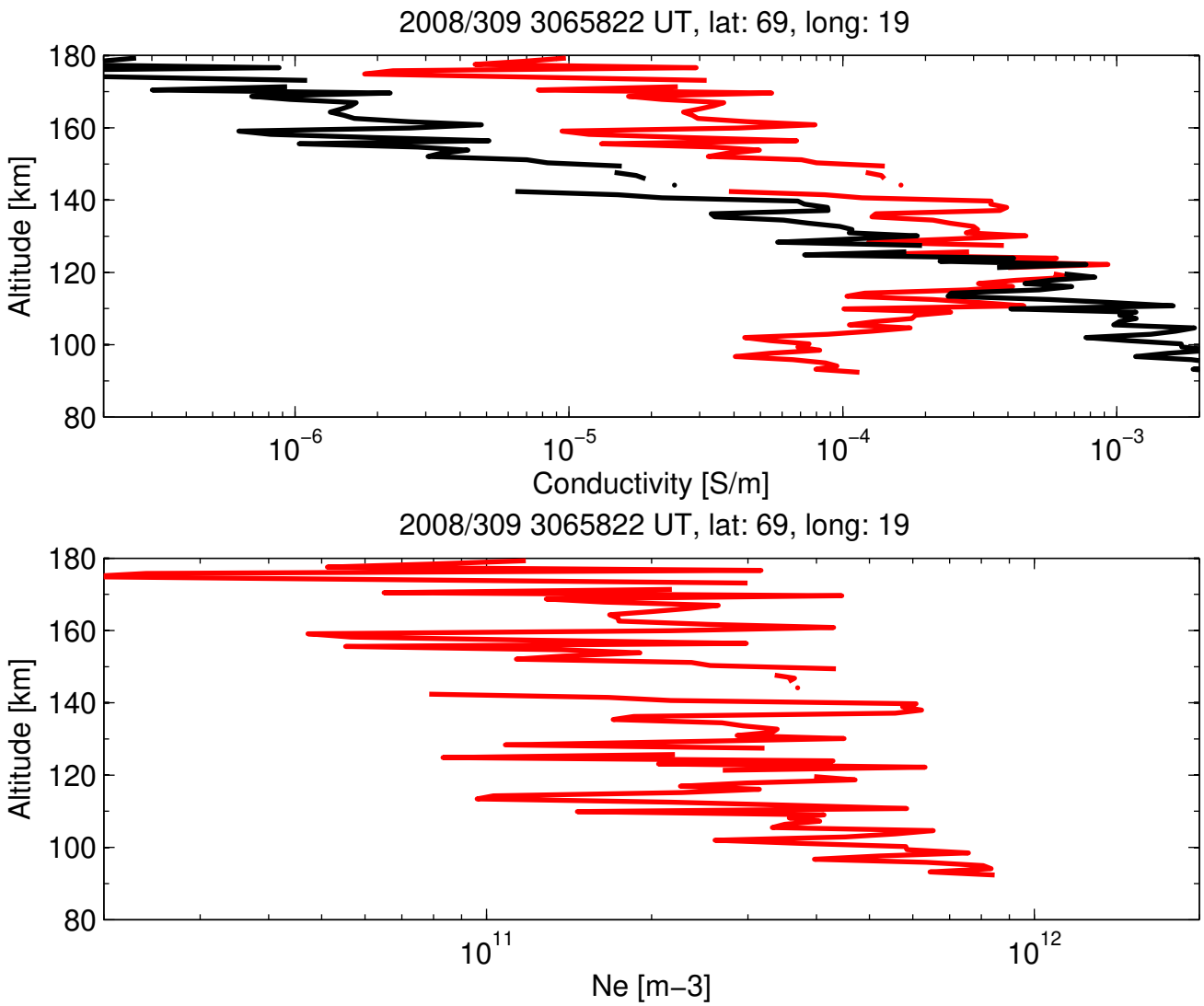
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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160
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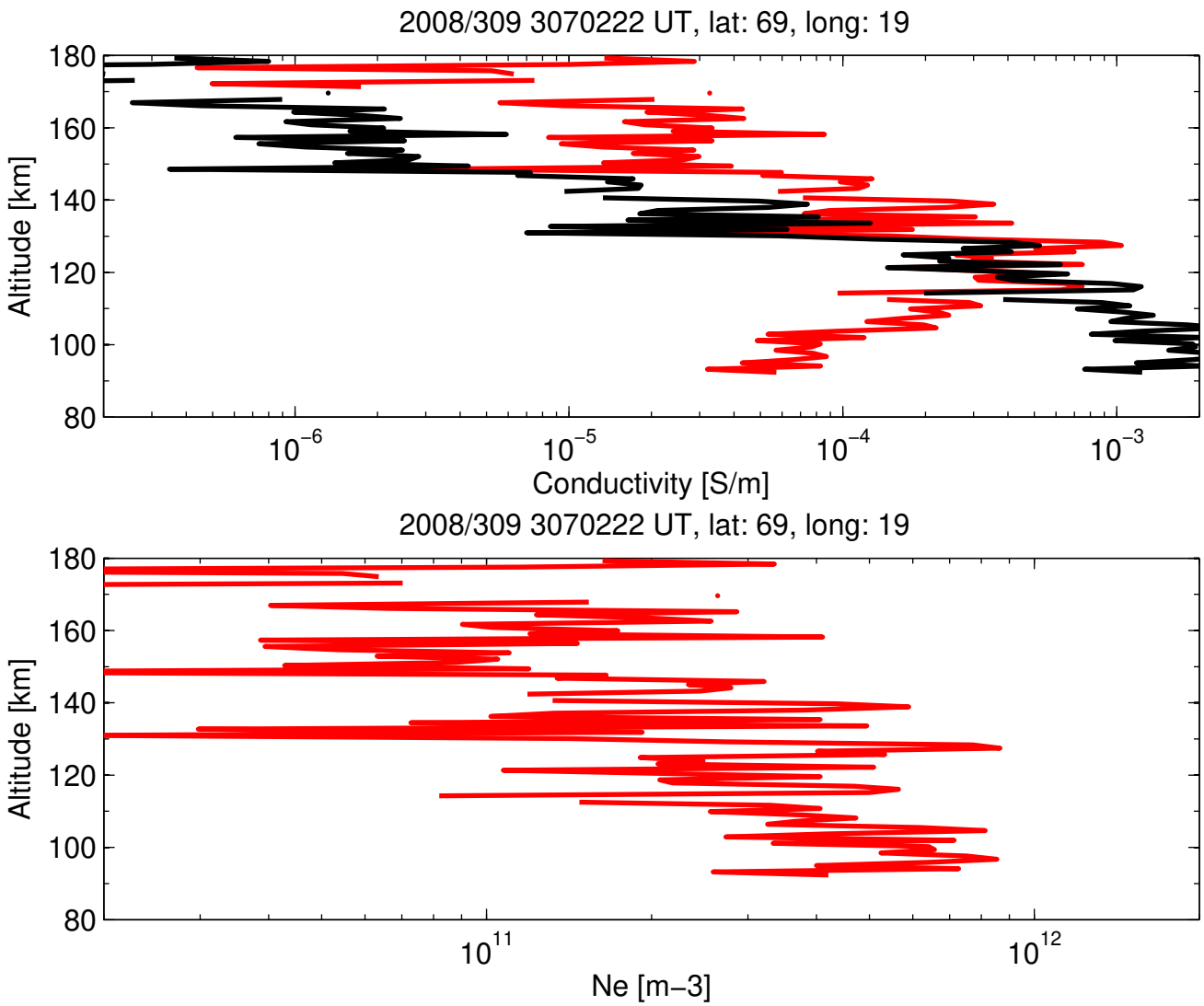
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3070222 UT, lat: 69, long: 19
Altitude [km]
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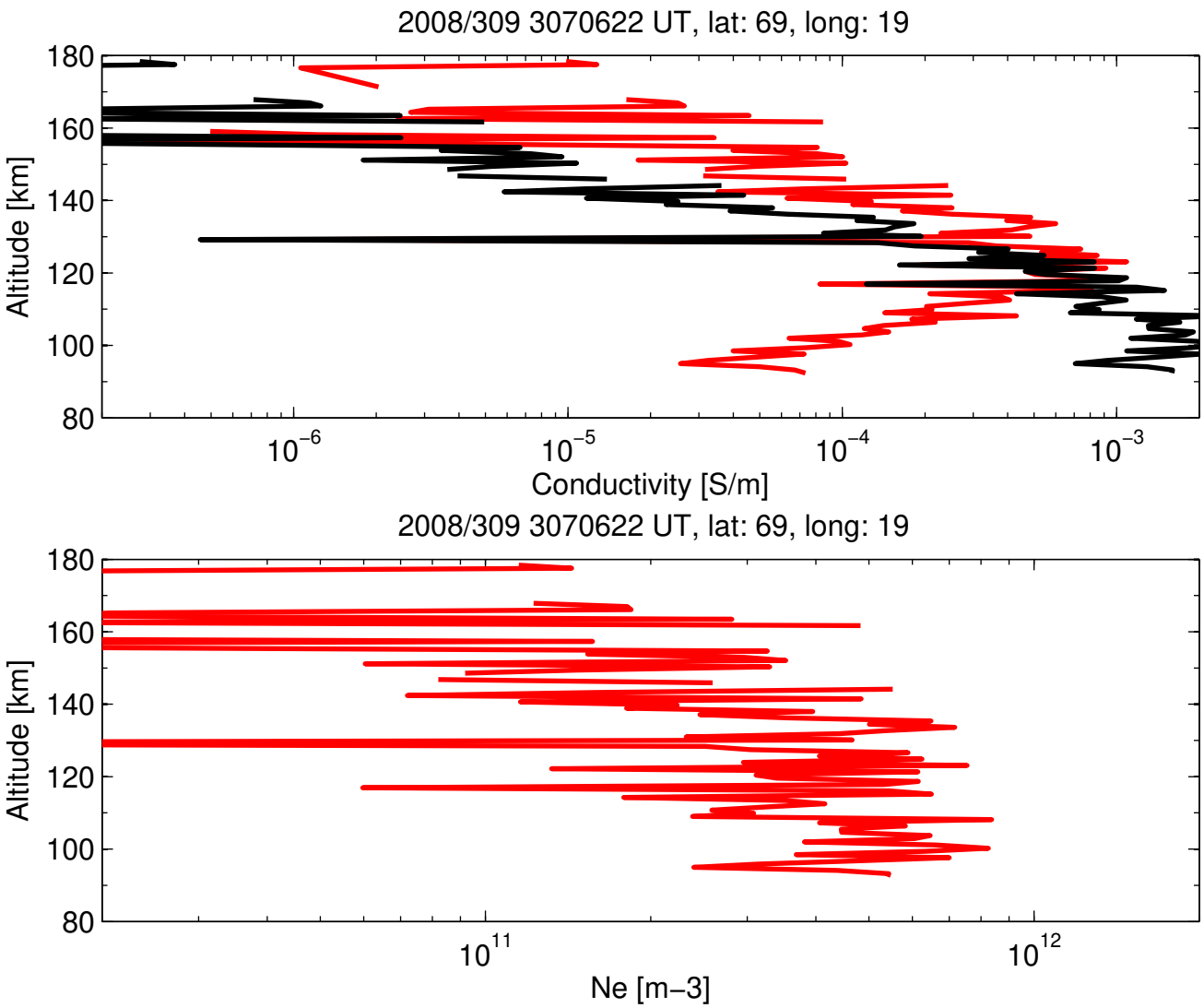
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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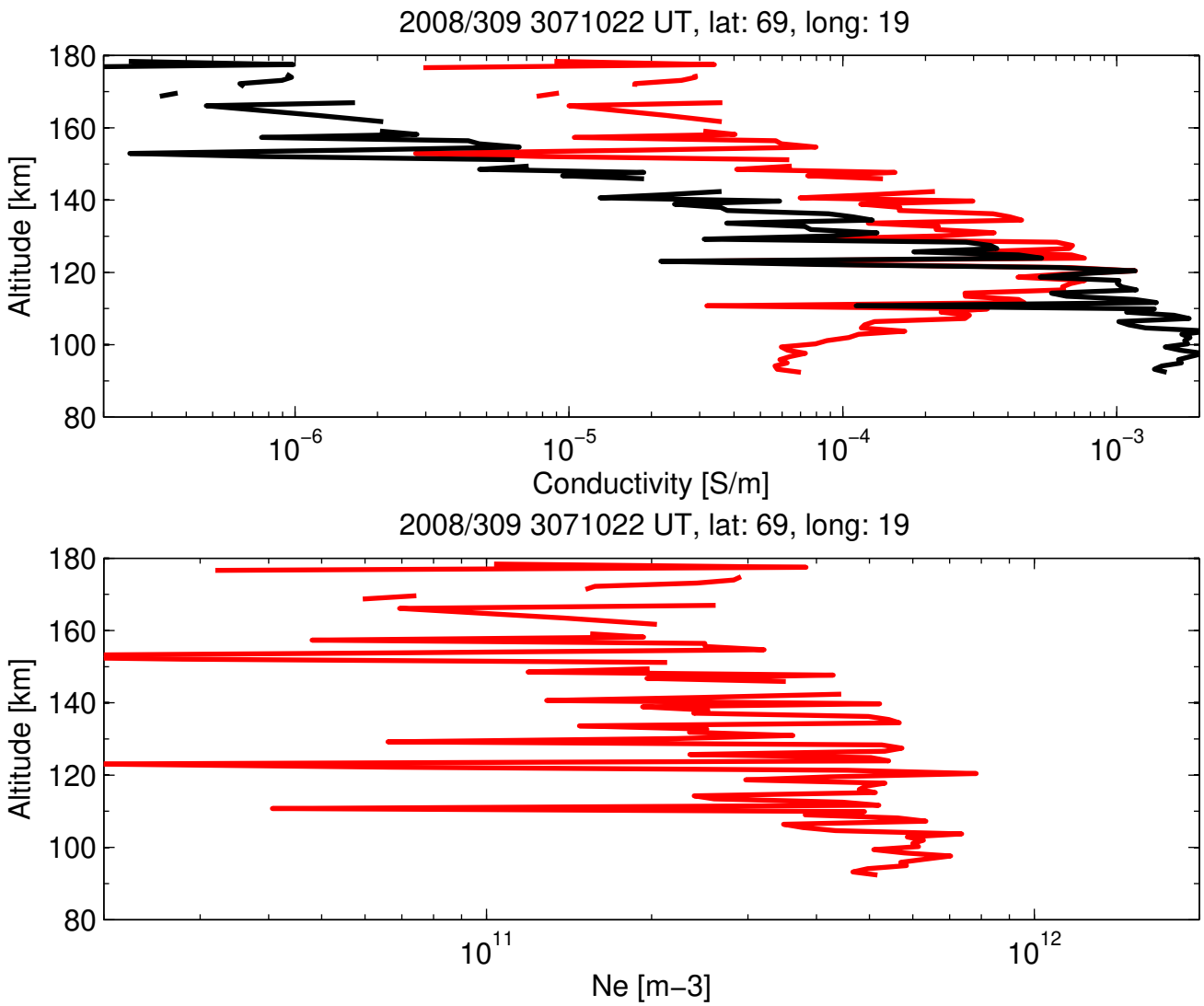
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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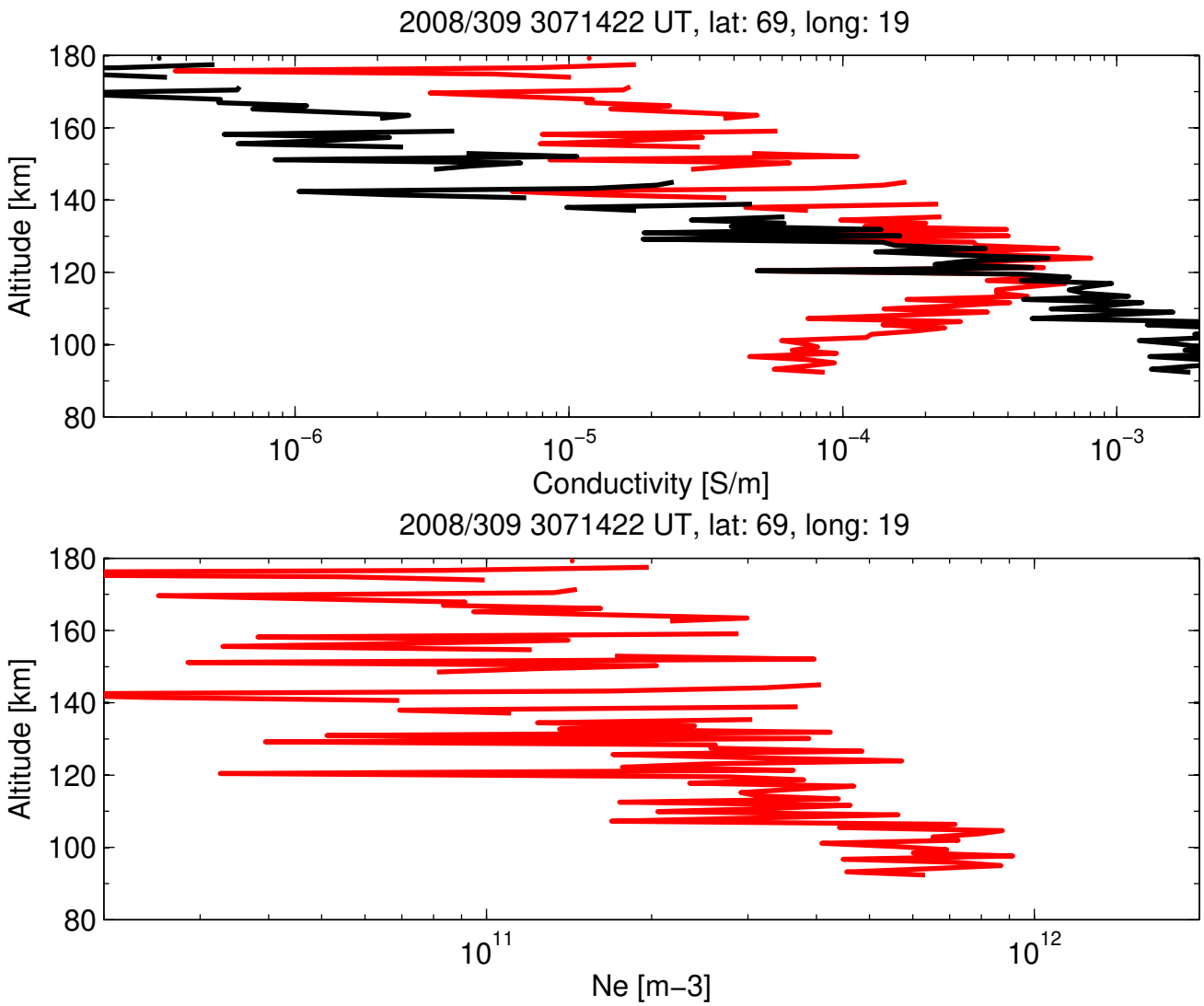
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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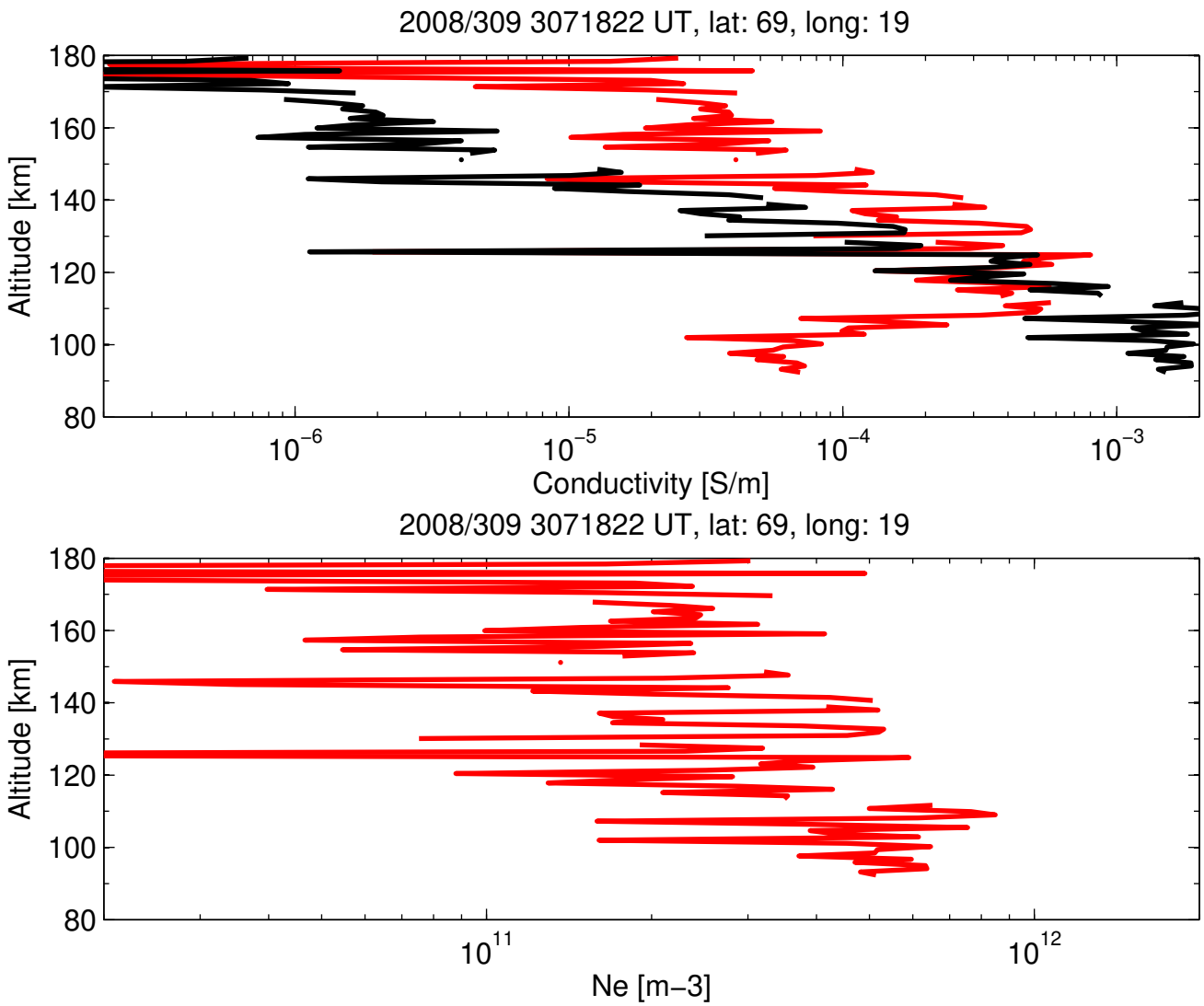
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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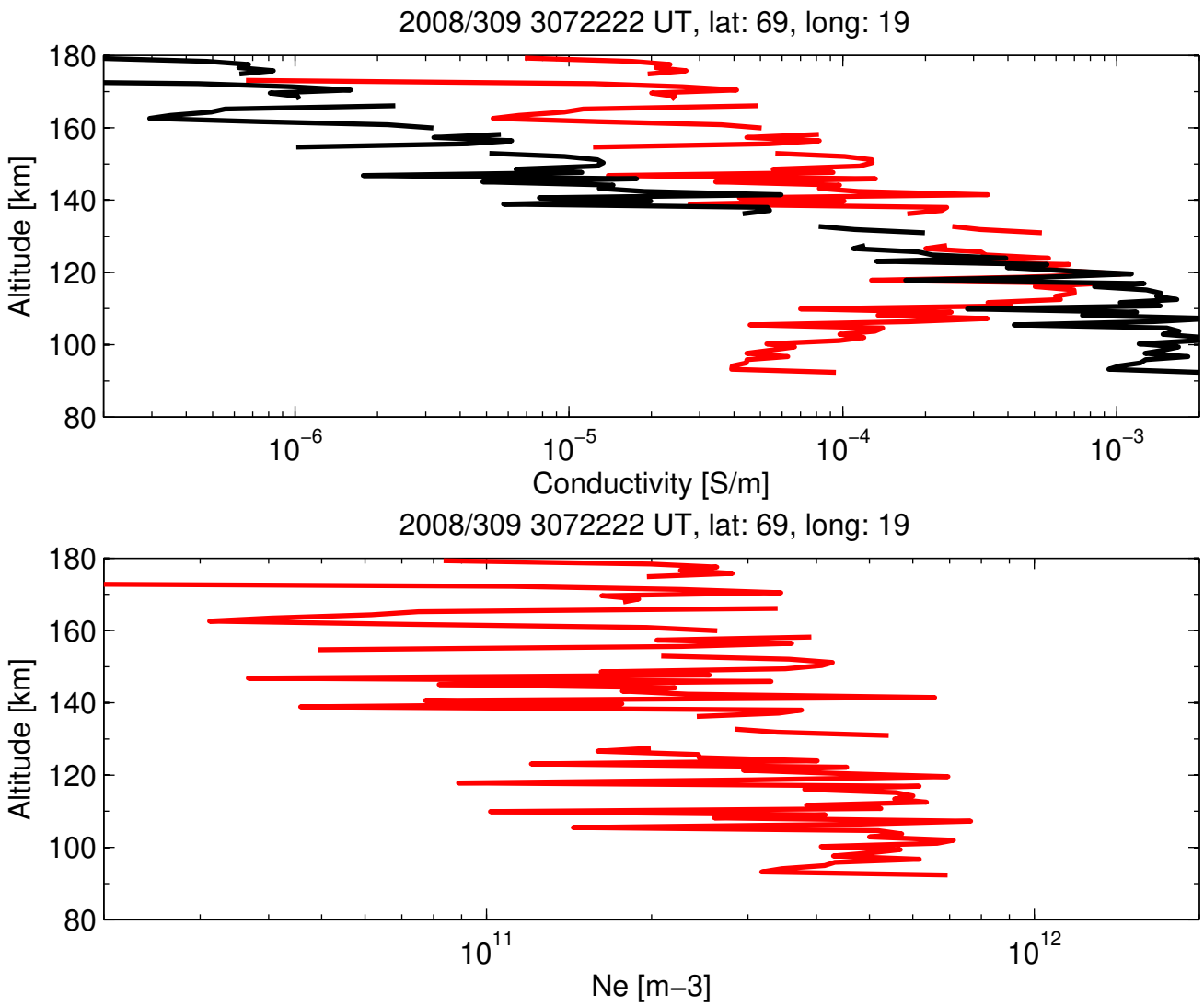
10^{12}
Ne [m−3]


2008/309 3072222 UT, lat: 69, long: 19
Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3072222 UT, lat: 69, long: 19
Altitude [km]
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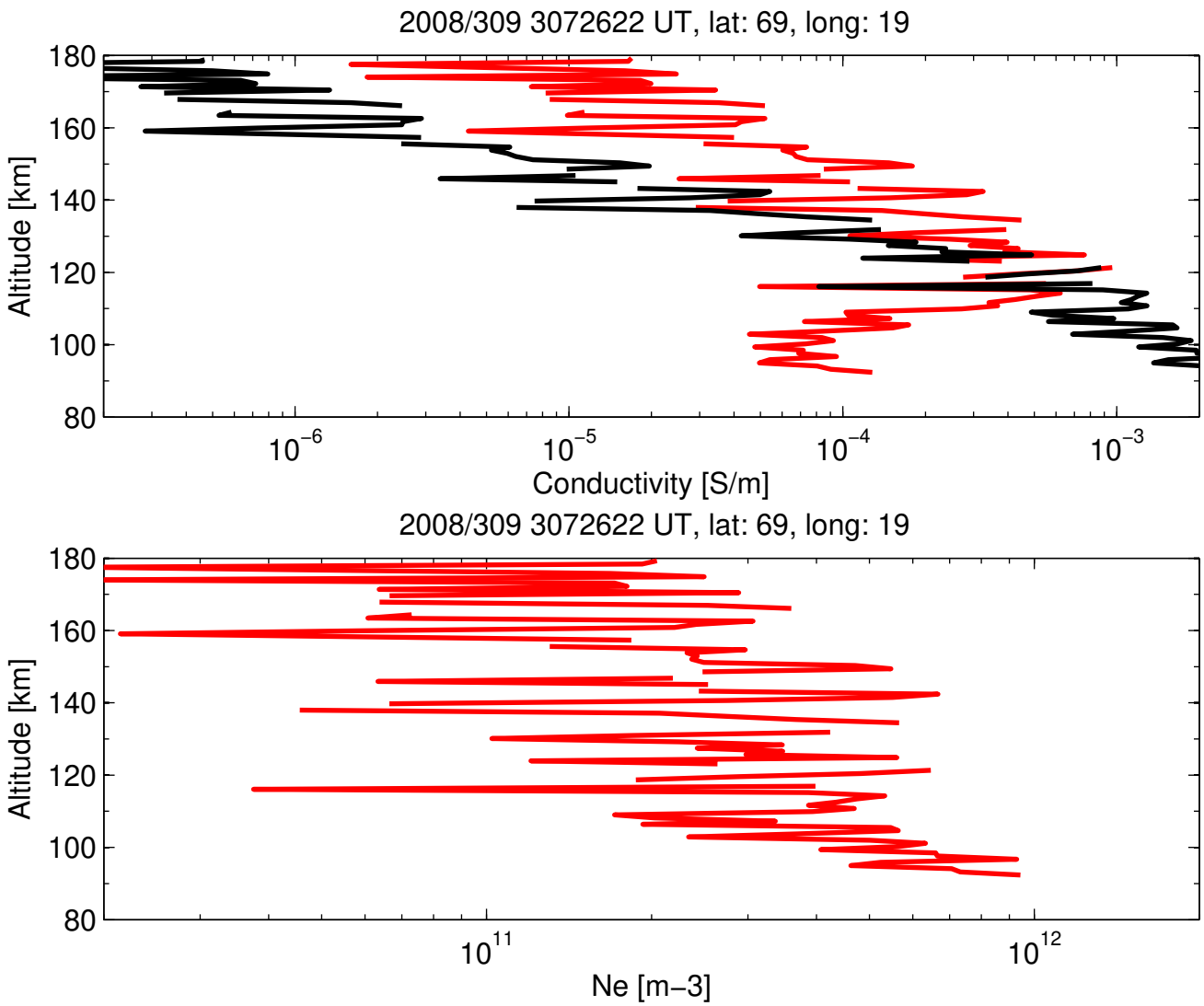
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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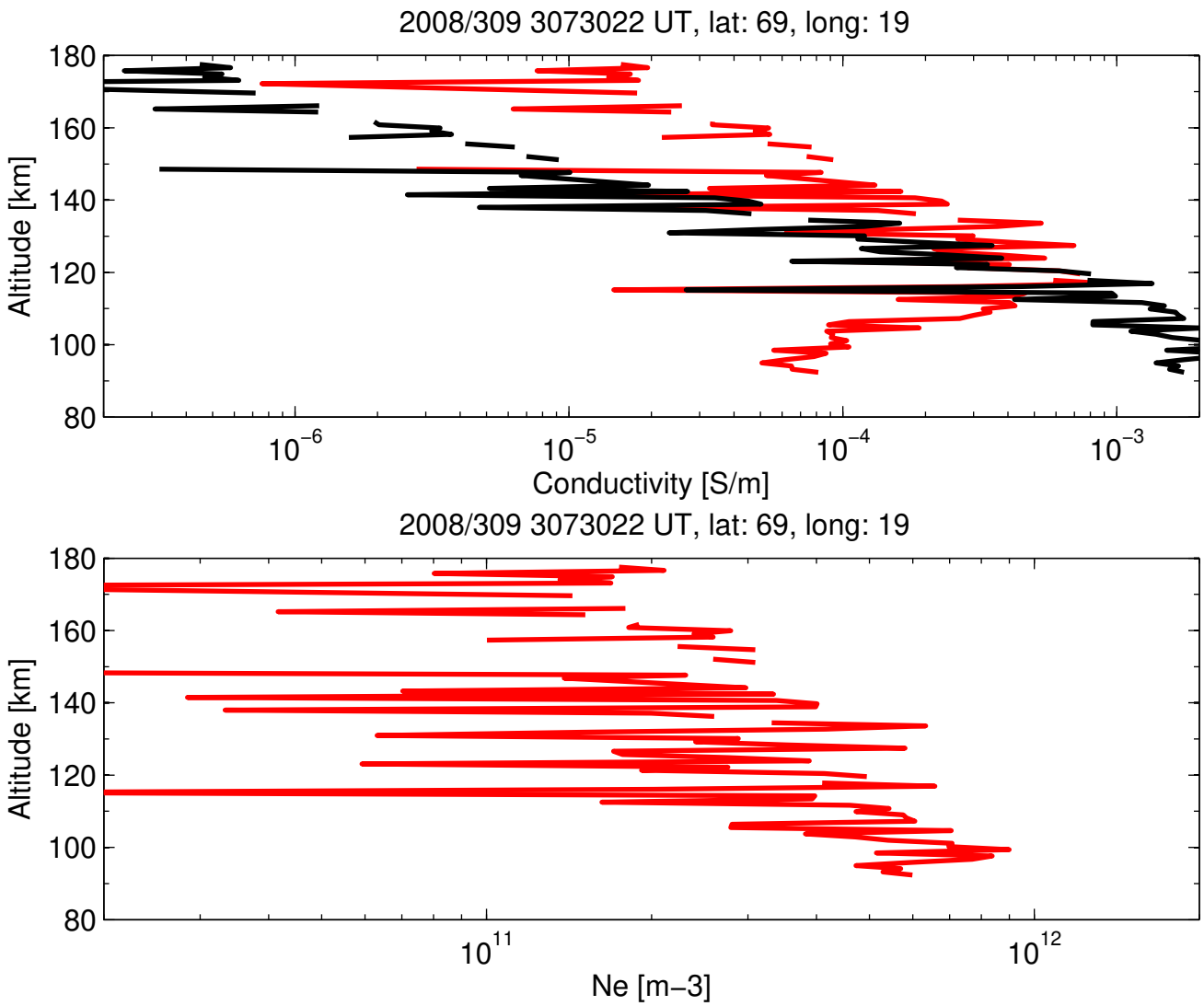
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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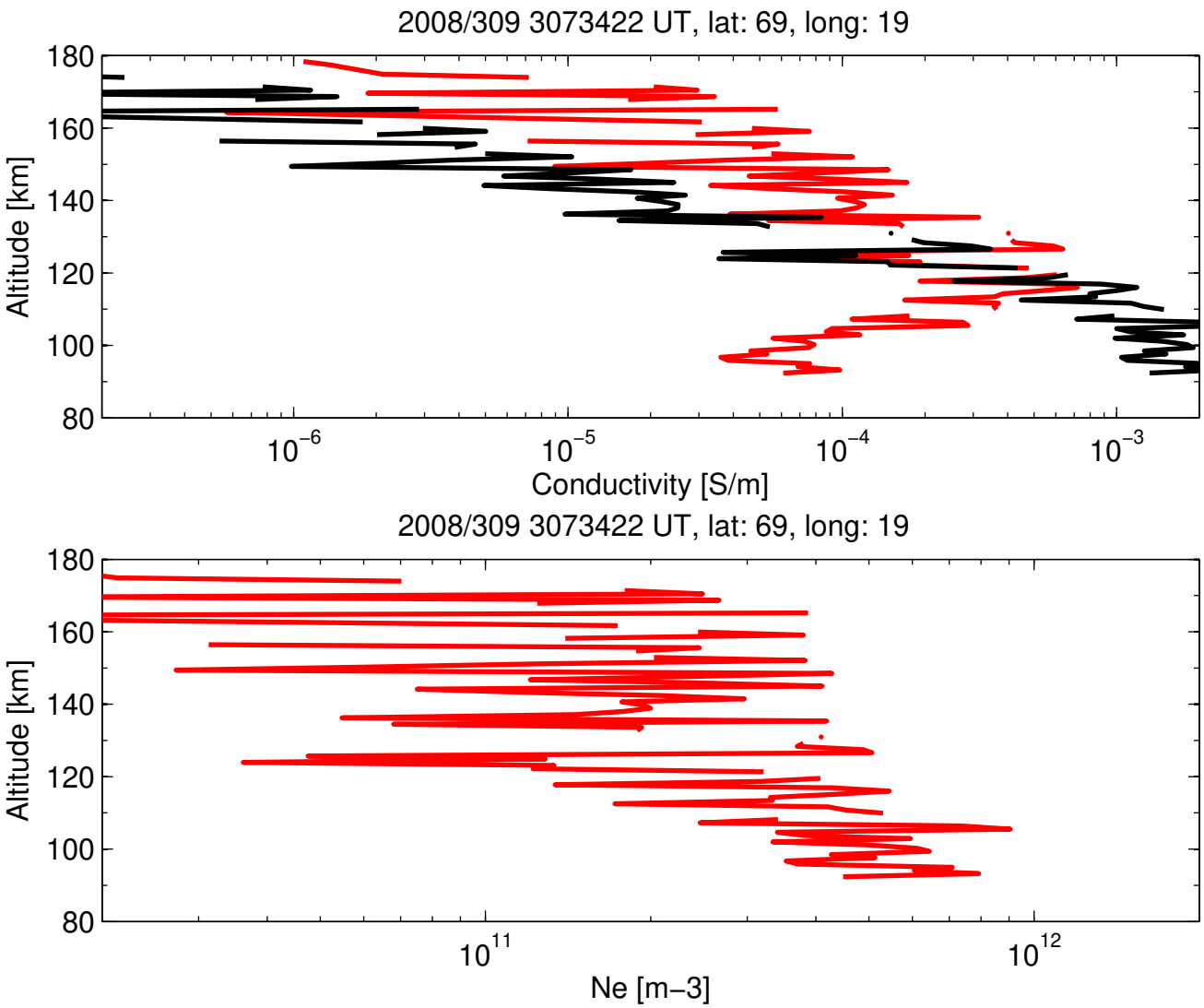
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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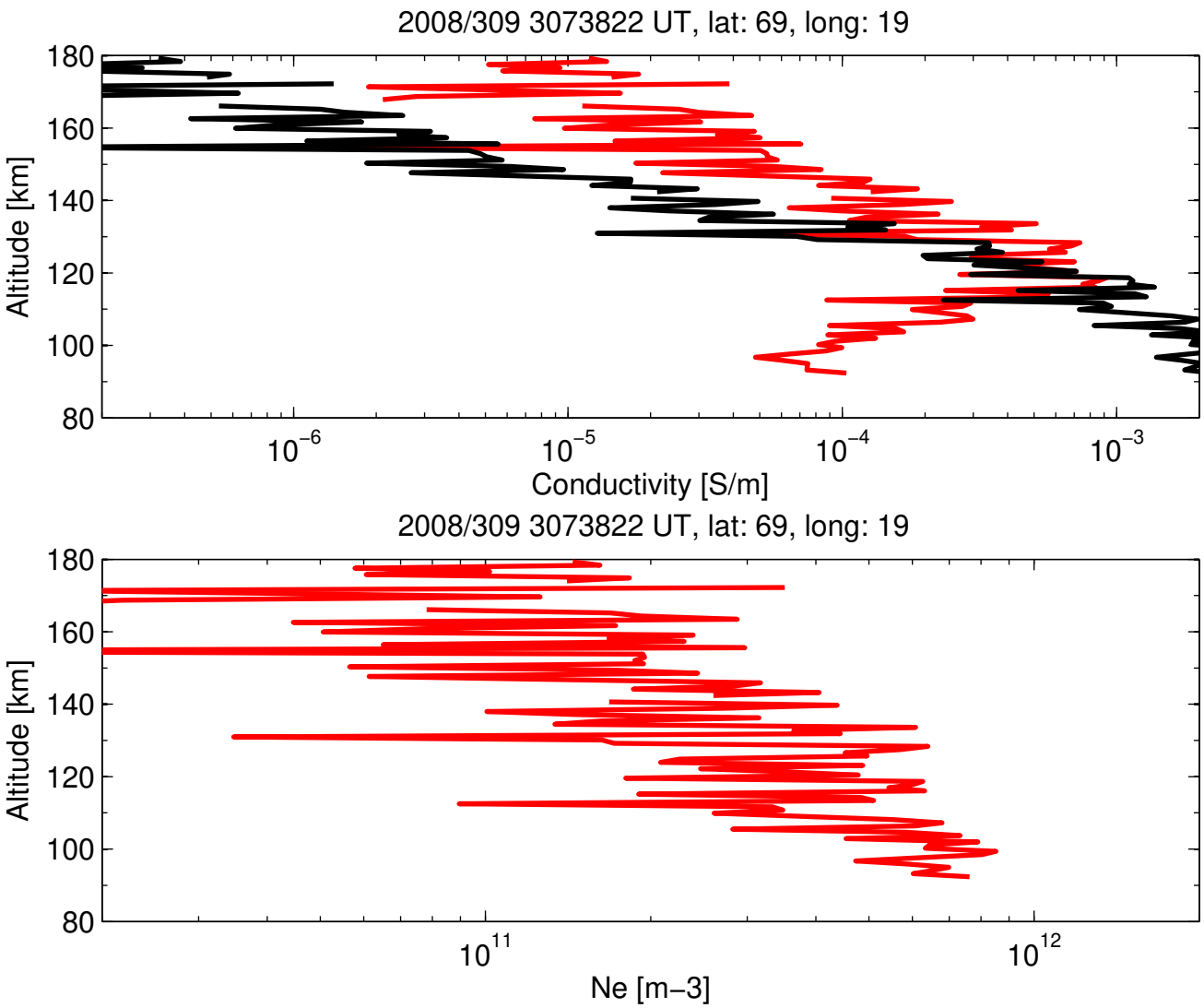
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3073822 UT, lat: 69, long: 19
Altitude [km]
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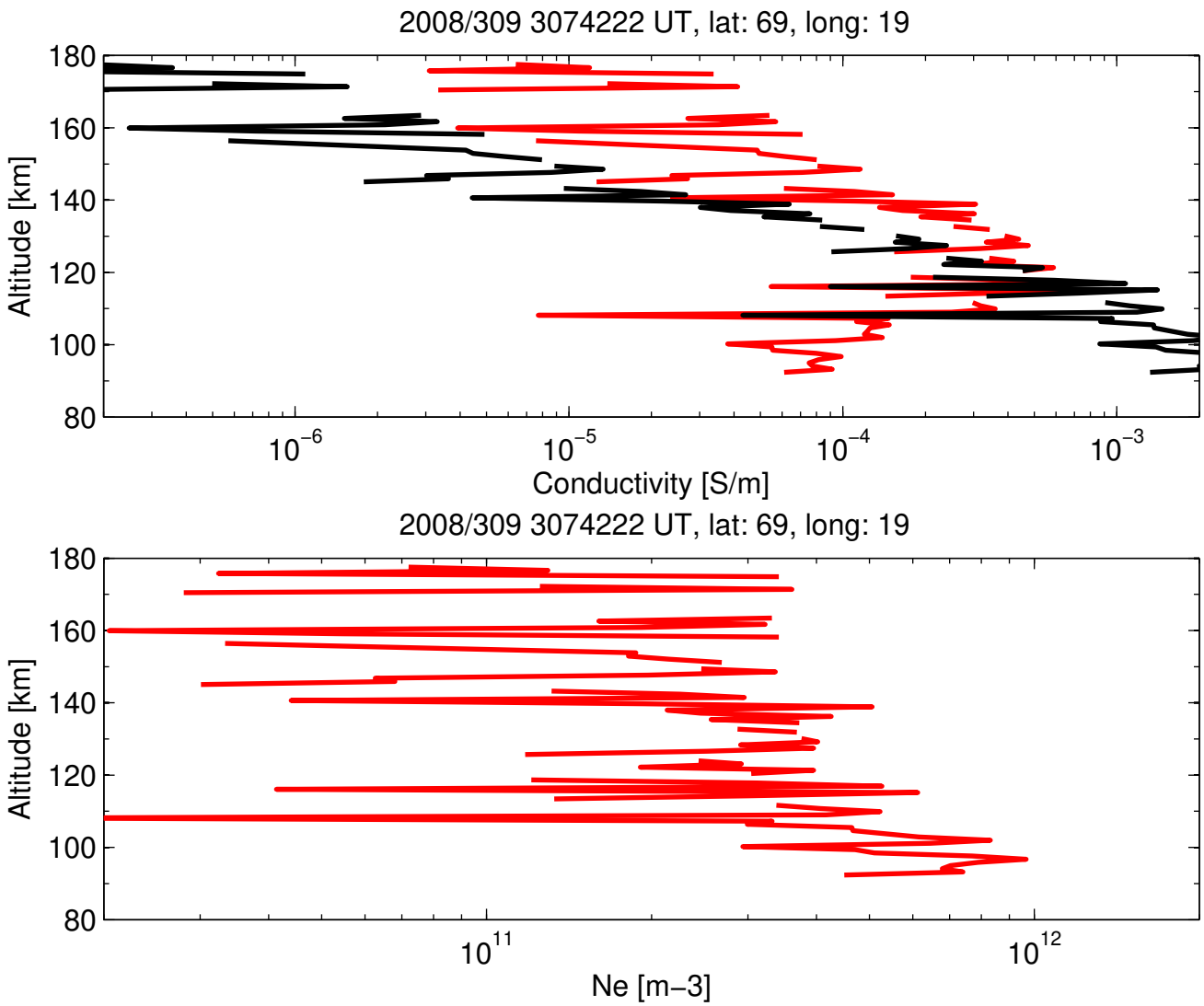
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3074222 UT, lat: 69, long: 19
Altitude [km]
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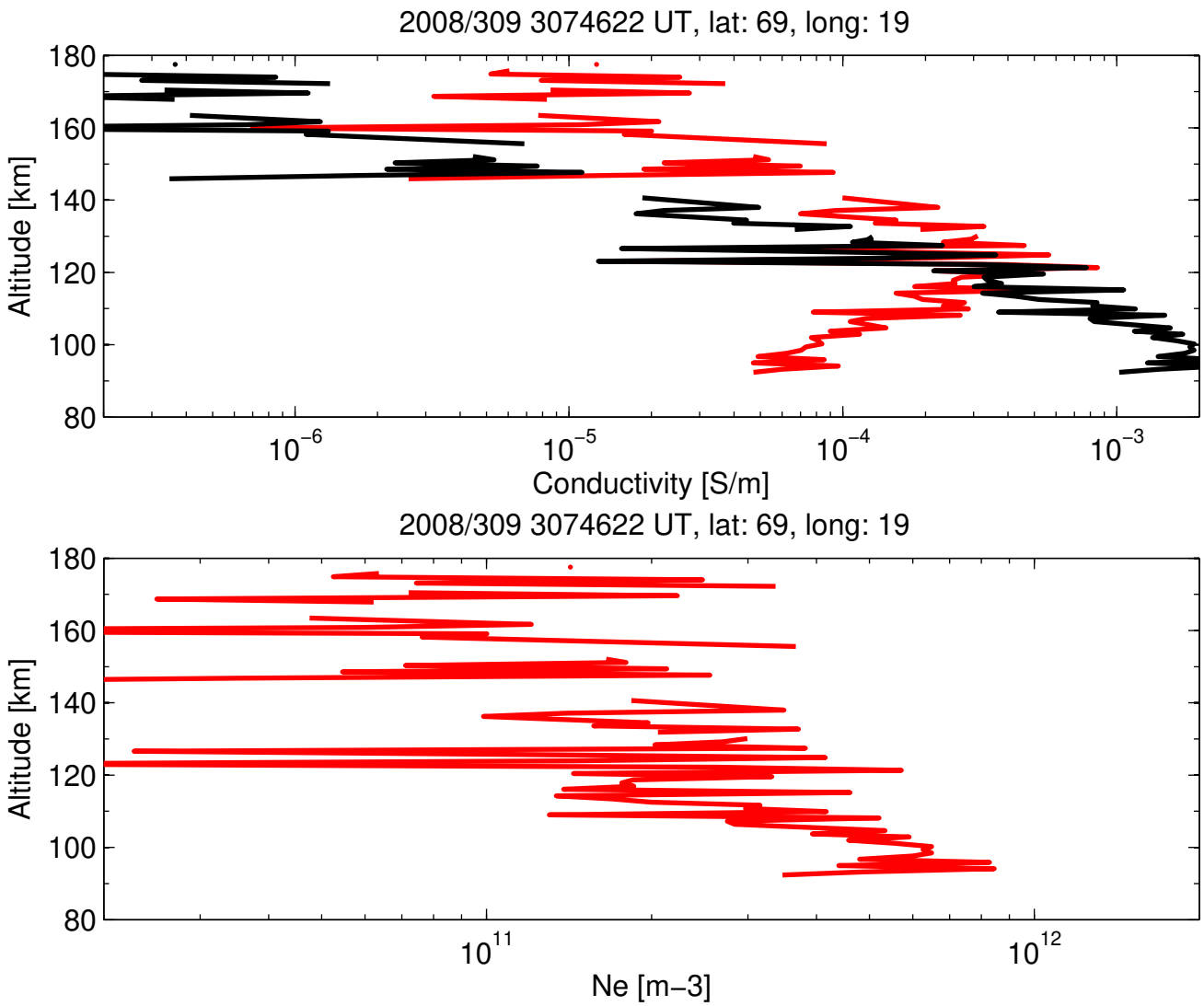
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3074622 UT, lat: 69, long: 19
Altitude [km]
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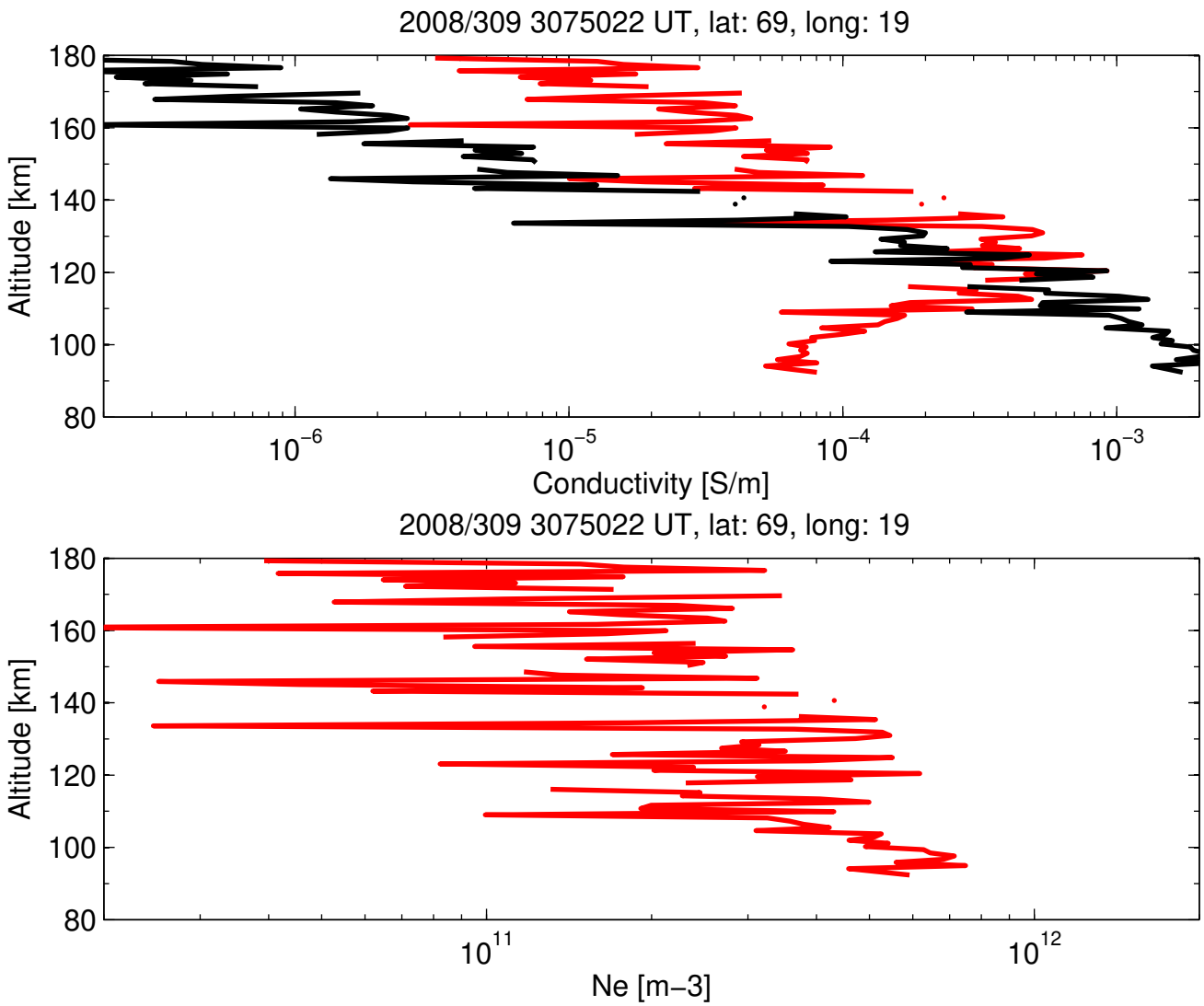
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3075022 UT, lat: 69, long: 19
Altitude [km]
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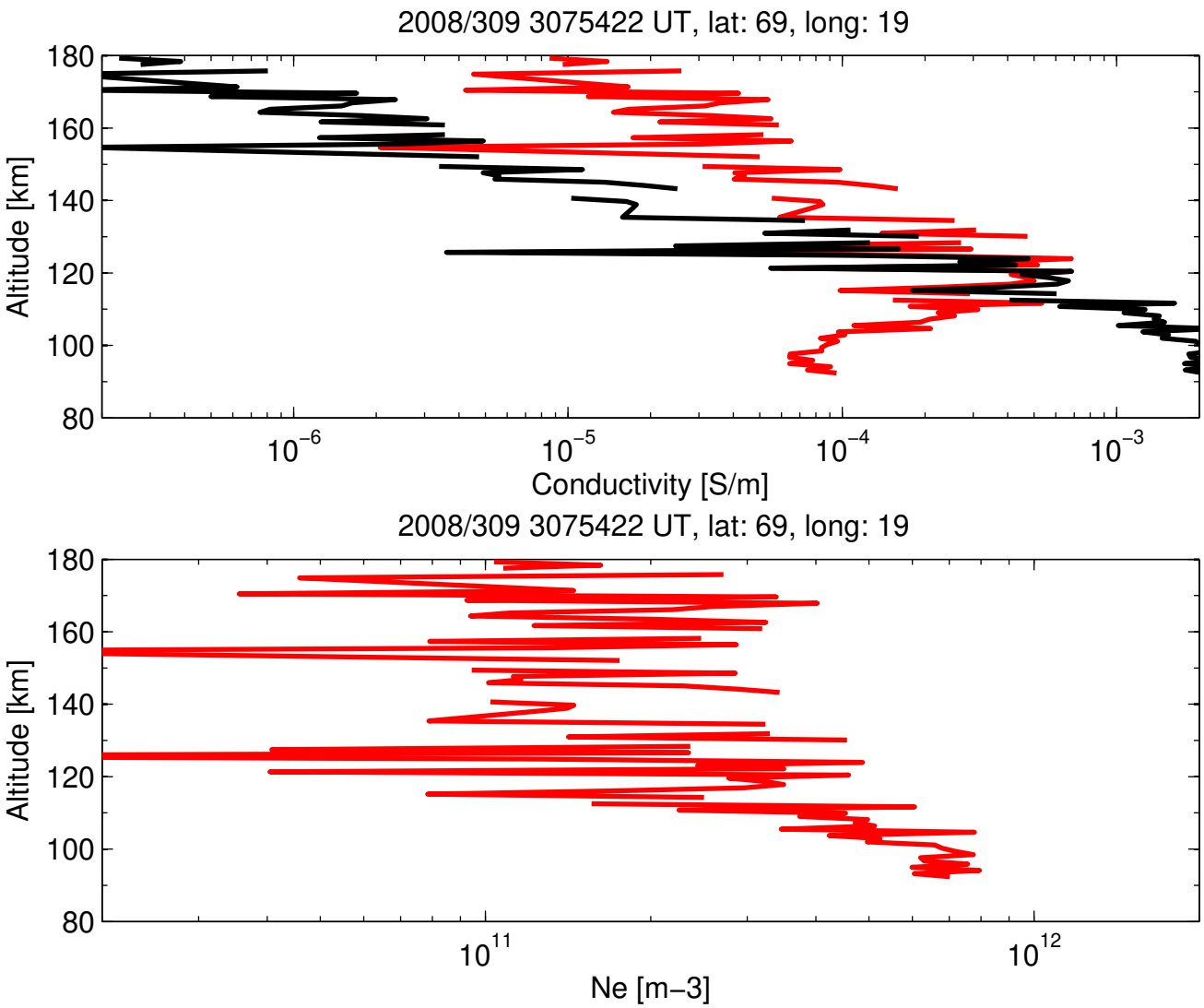
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3075422 UT, lat: 69, long: 19
Altitude [km]
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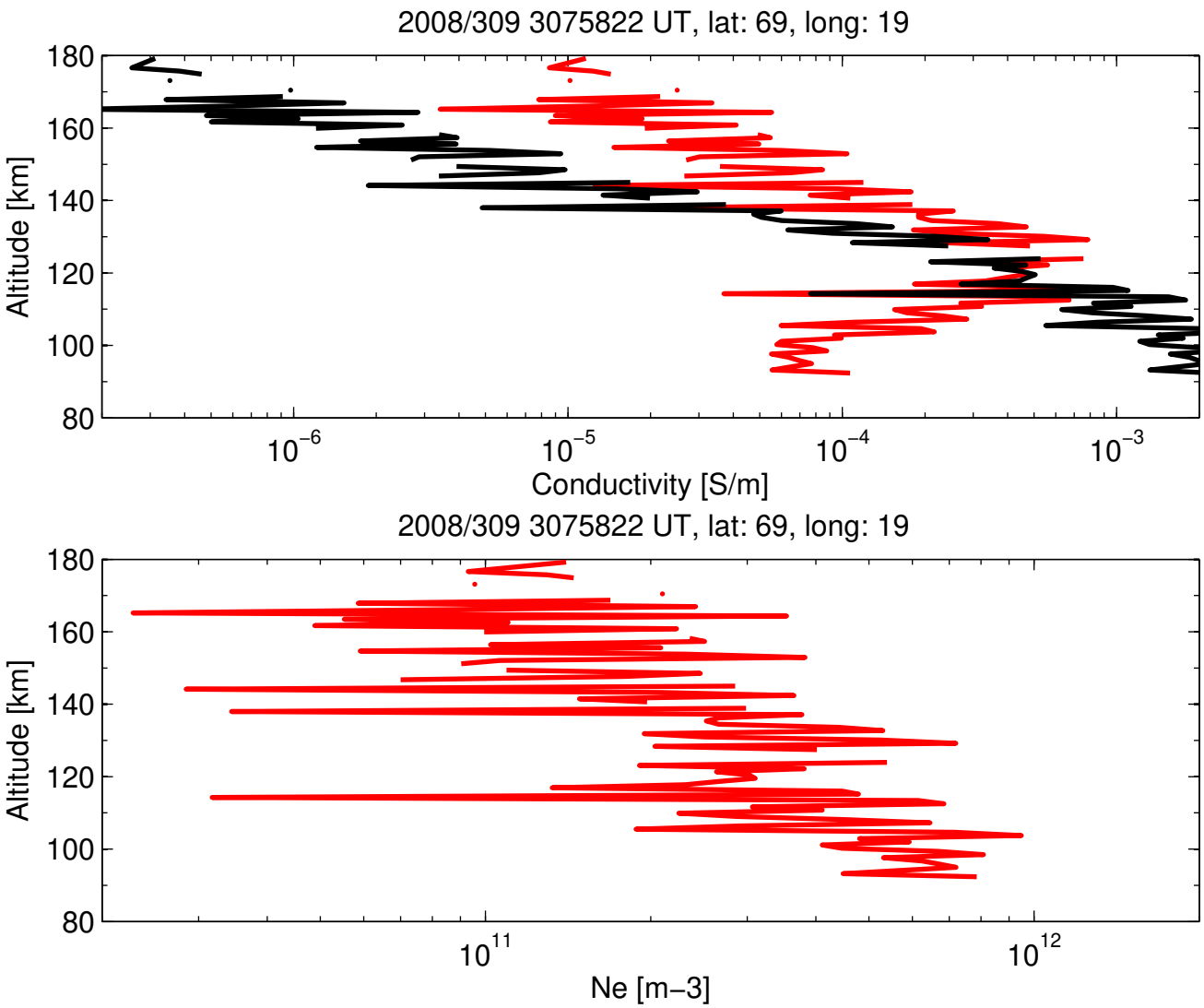
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3075822 UT, lat: 69, long: 19
Altitude [km]
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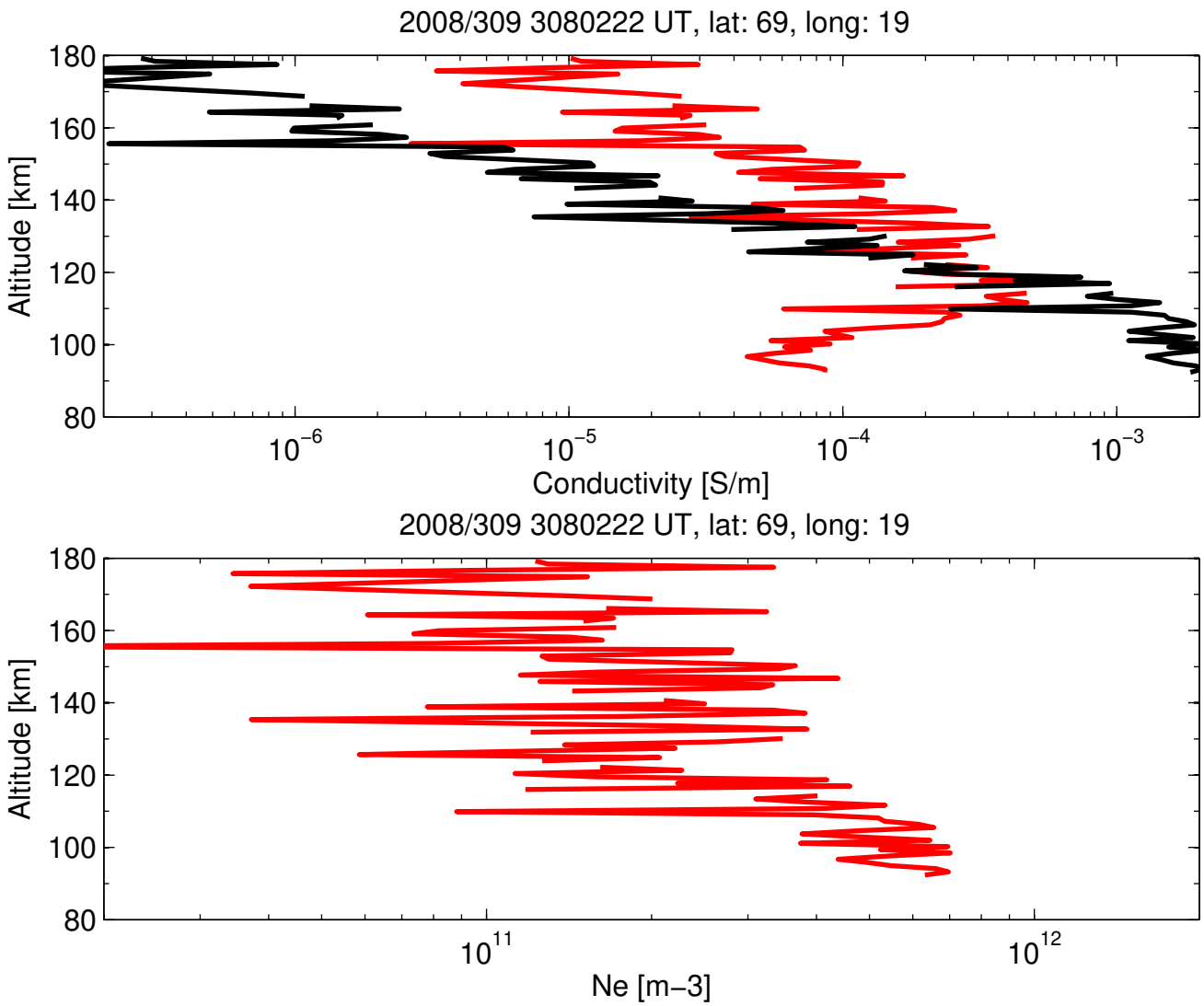
10^{11}
10^{12}
Ne [m−3]


2008/309 3080222 UT, lat: 69, long: 19
Altitude [km]
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160
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3080222 UT, lat: 69, long: 19
Altitude [km]
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120
100
80
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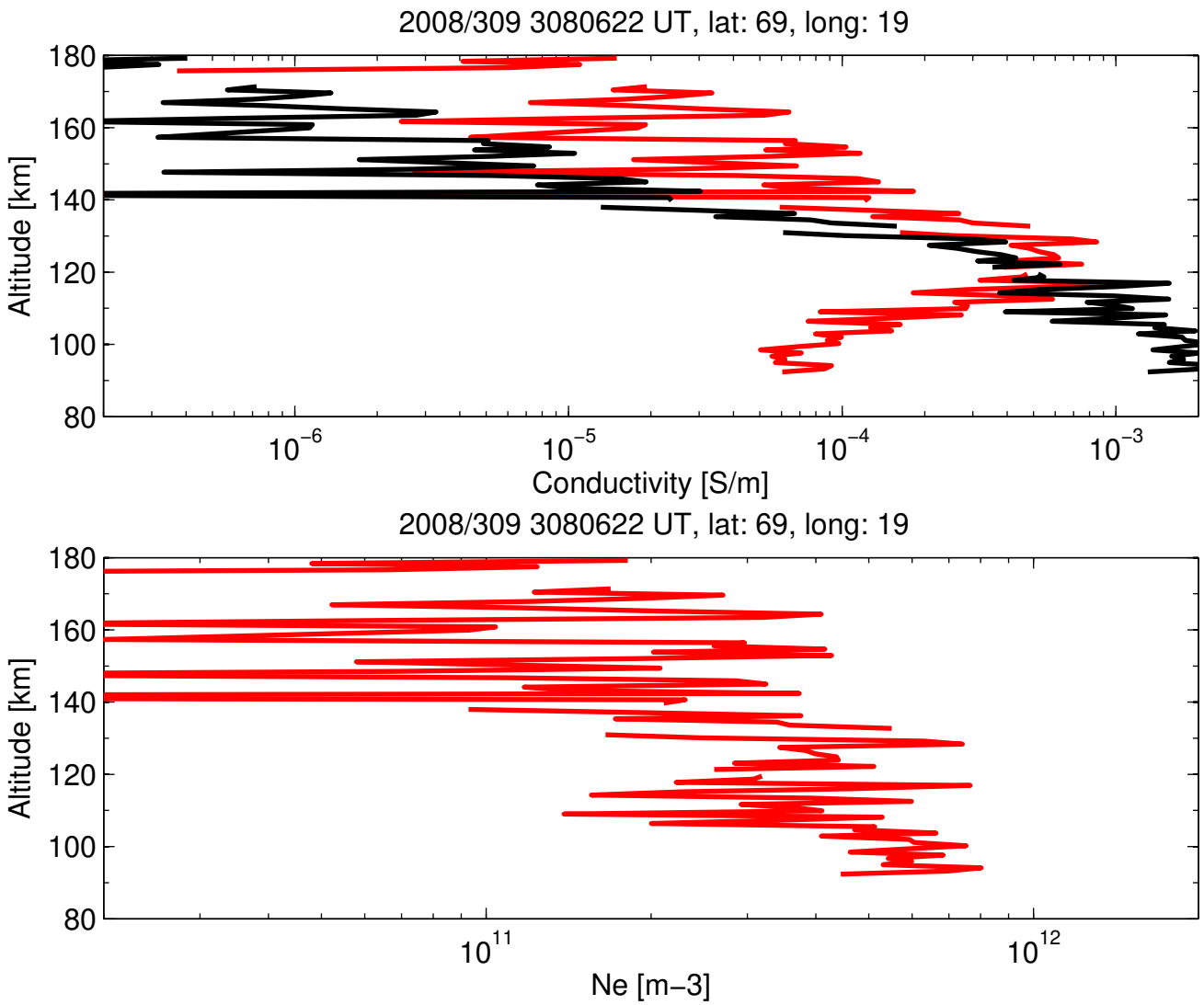
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3080622 UT, lat: 69, long: 19
Altitude [km]
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80
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10^{12}
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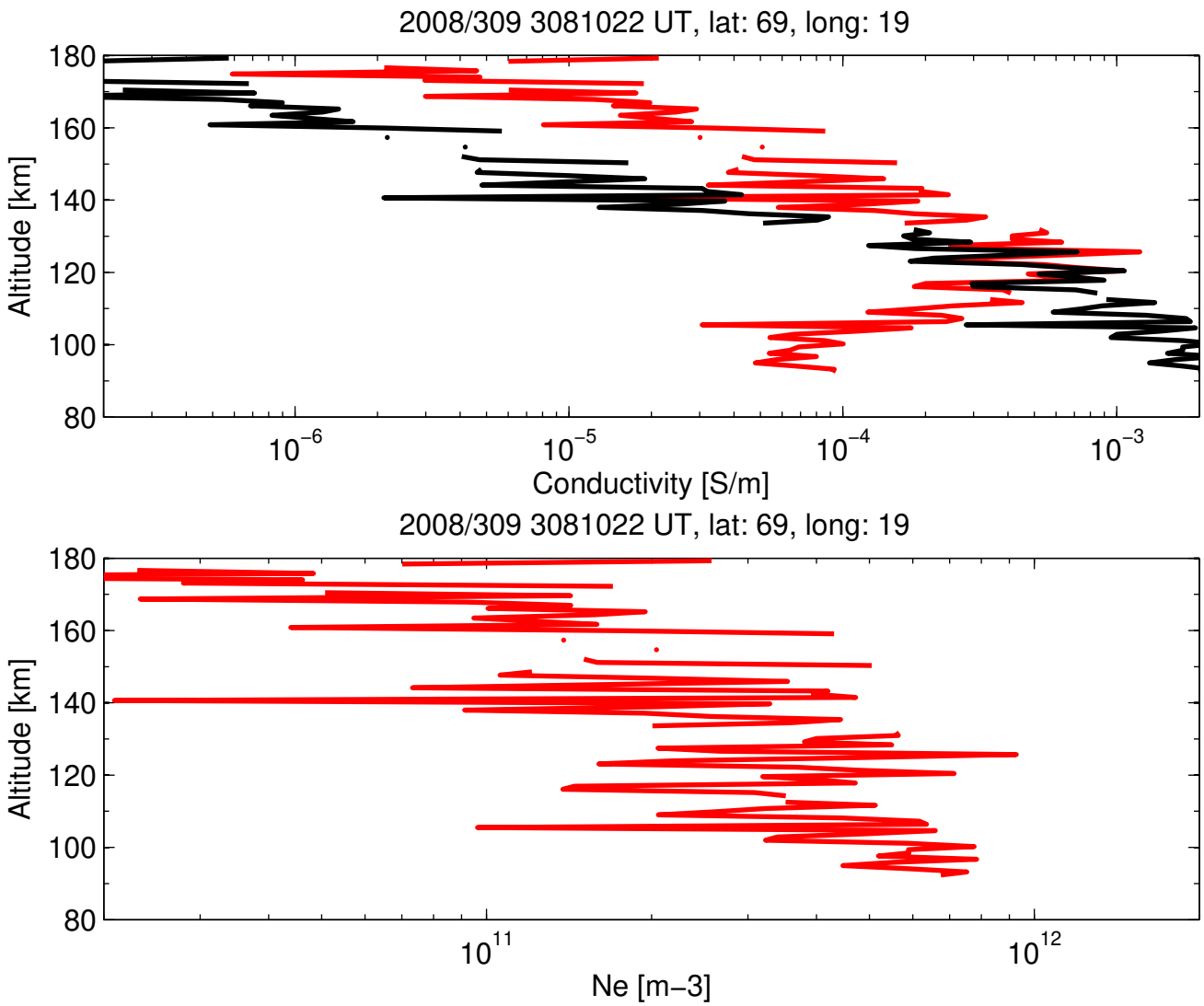
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3081022 UT, lat: 69, long: 19
Altitude [km]
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100
80
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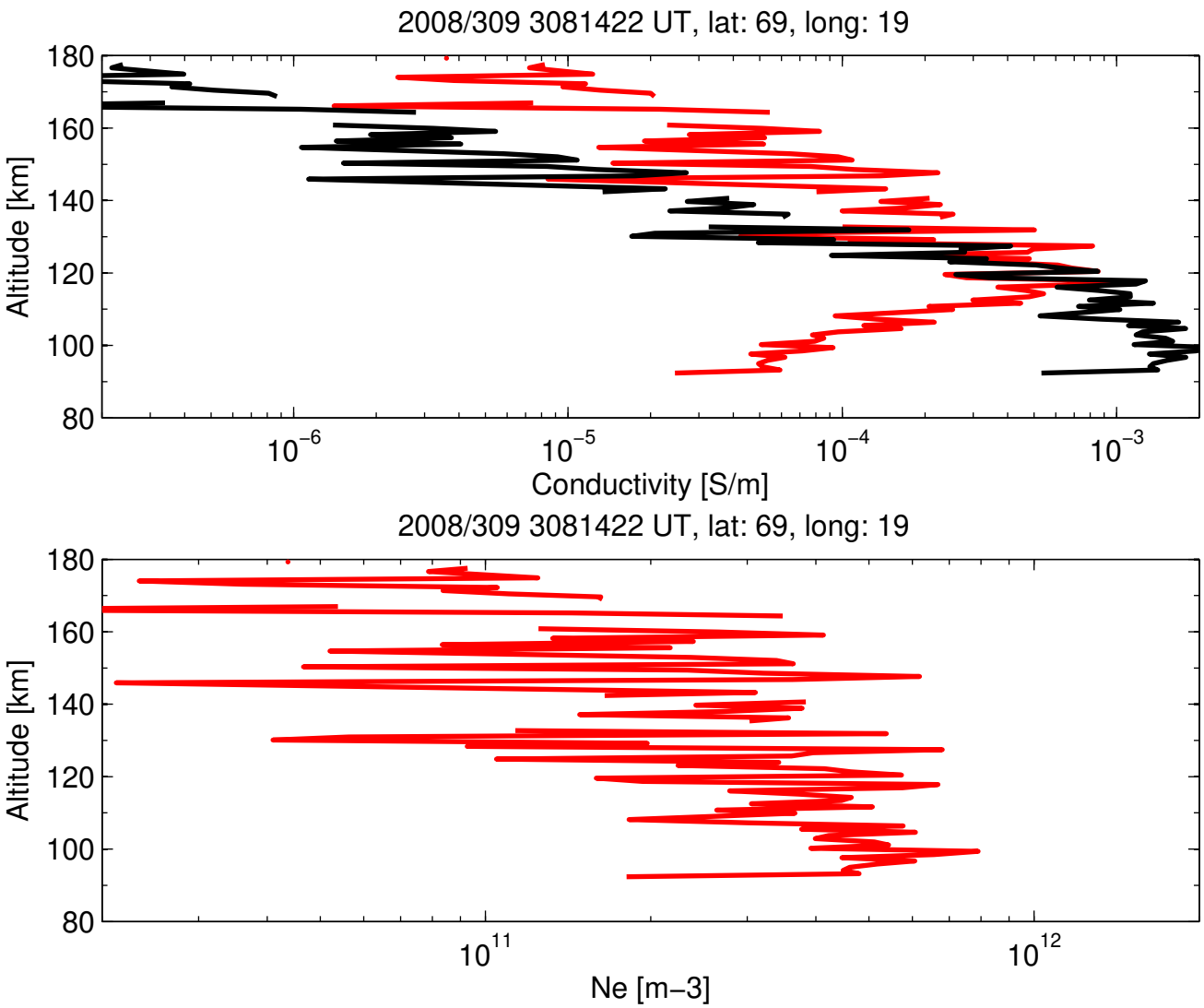
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Altitude [km]
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100
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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100
80
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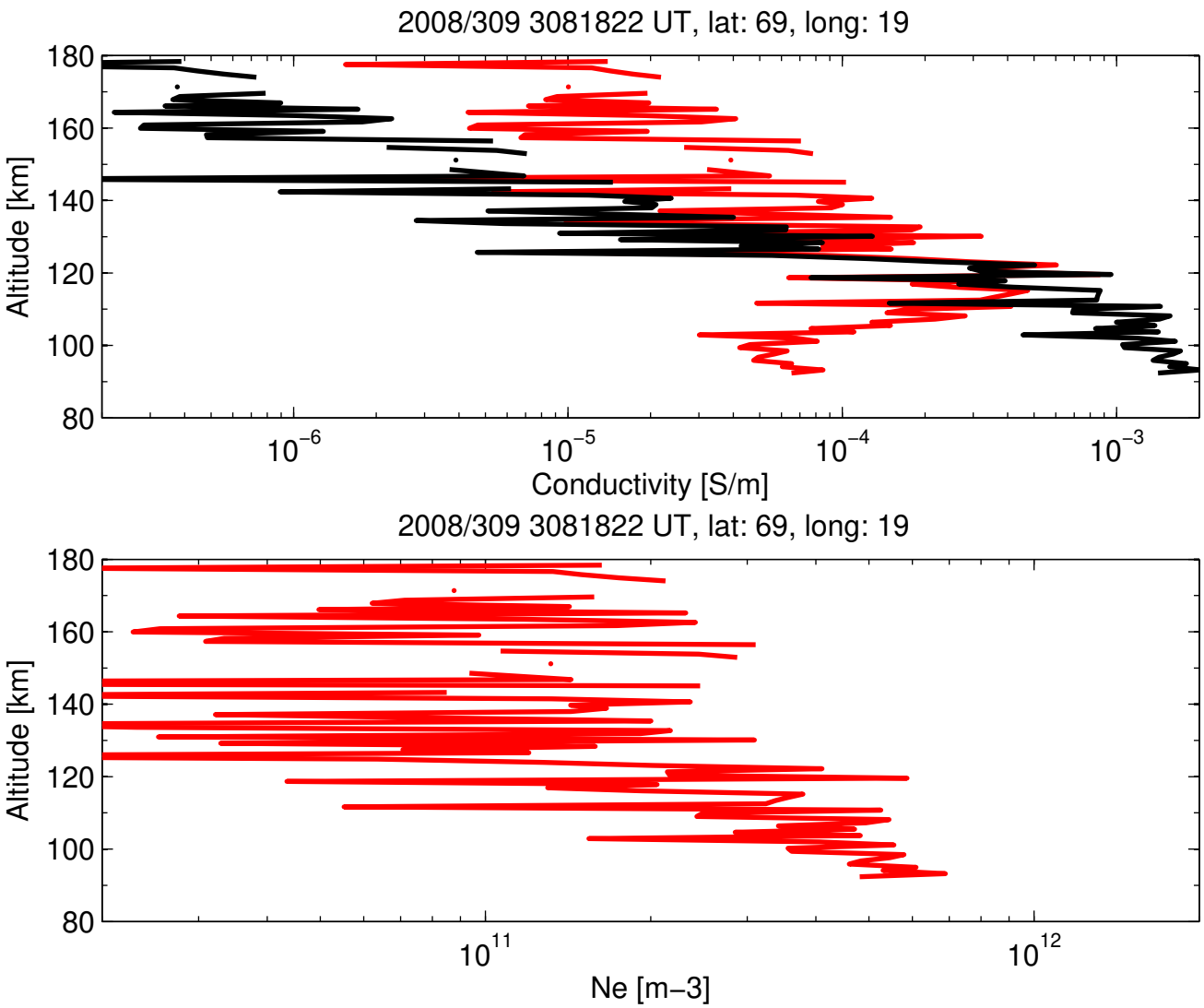
10^{12}
Ne [m−3]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Altitude [km]
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100
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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120
100
80
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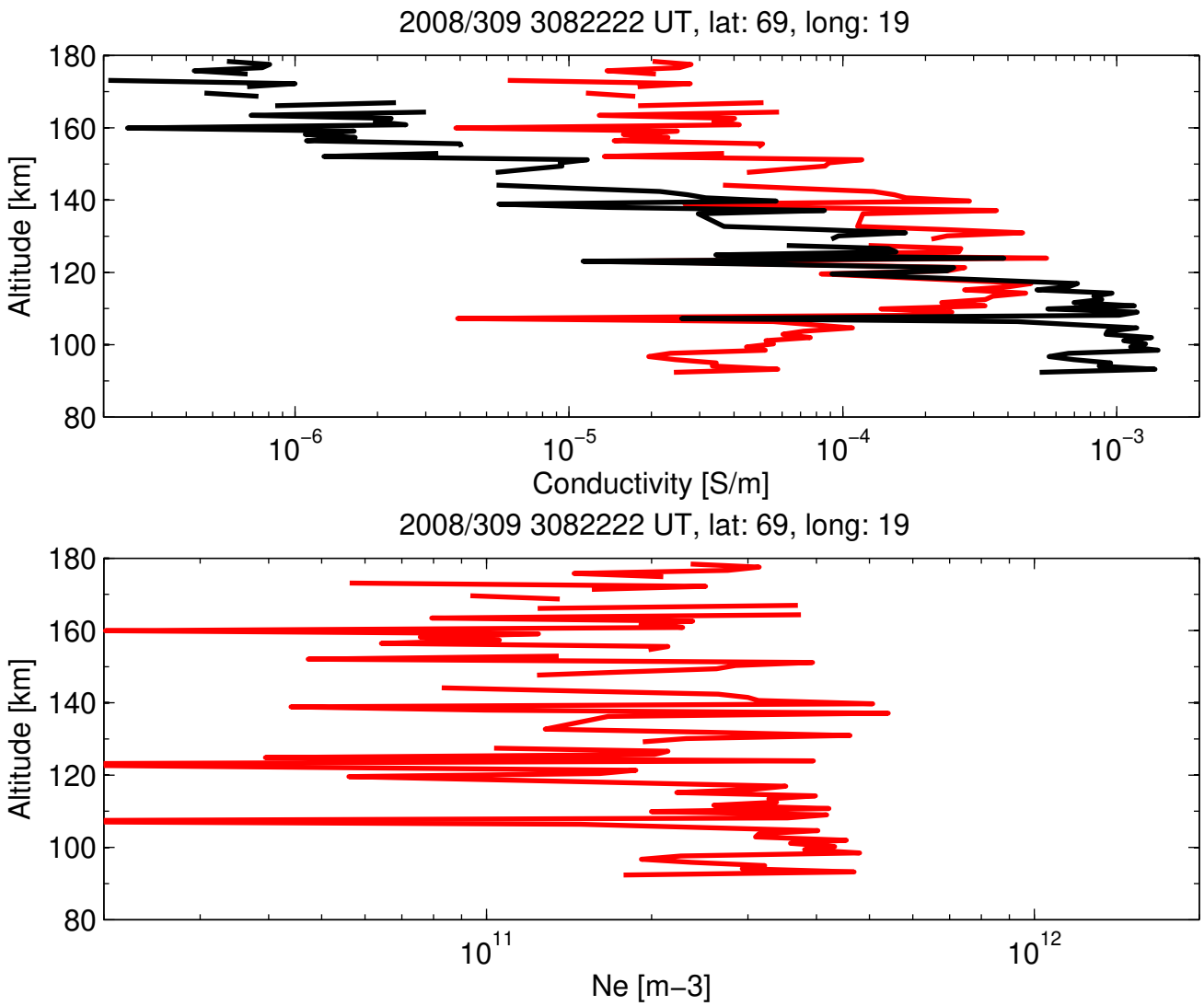
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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80
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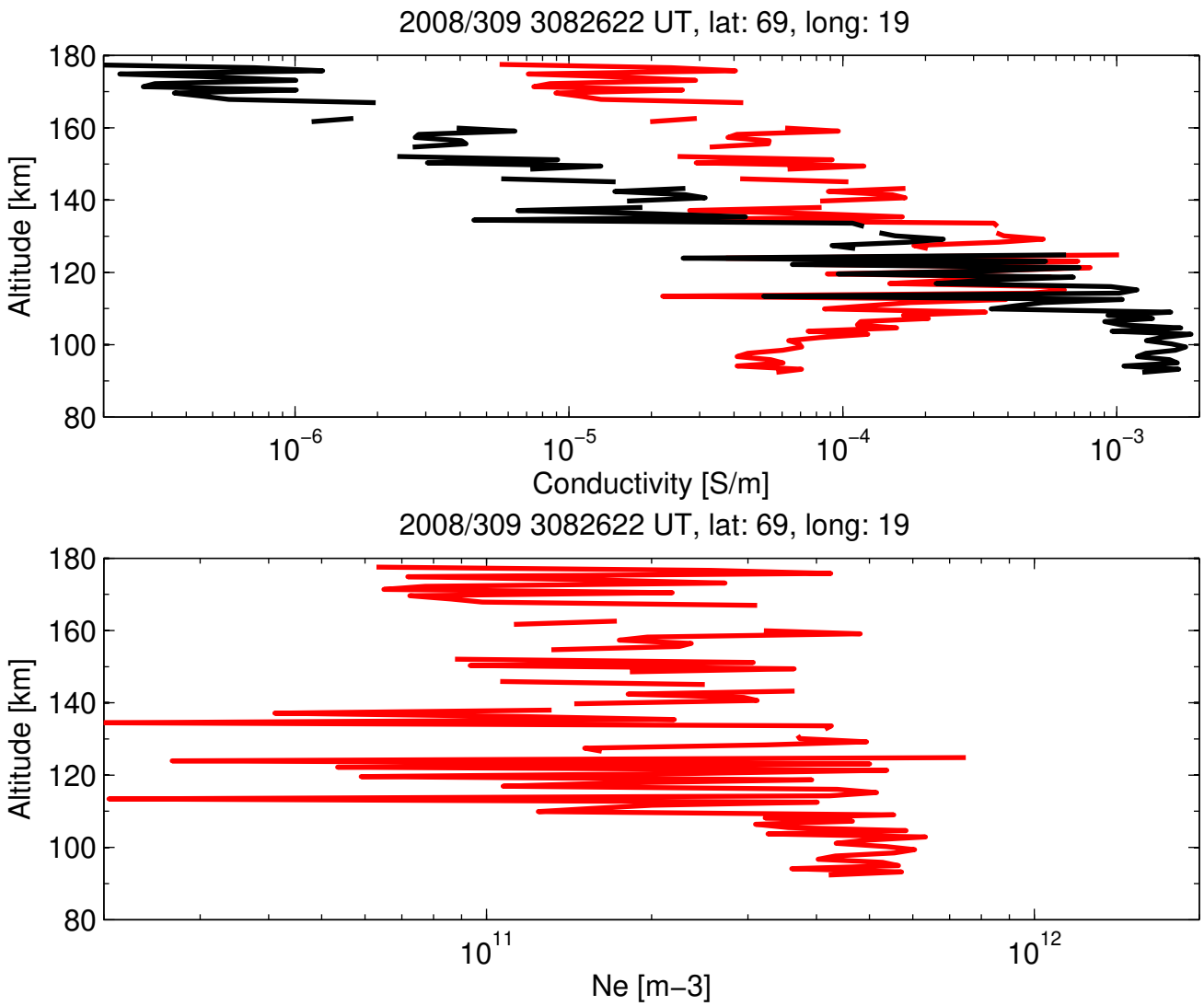
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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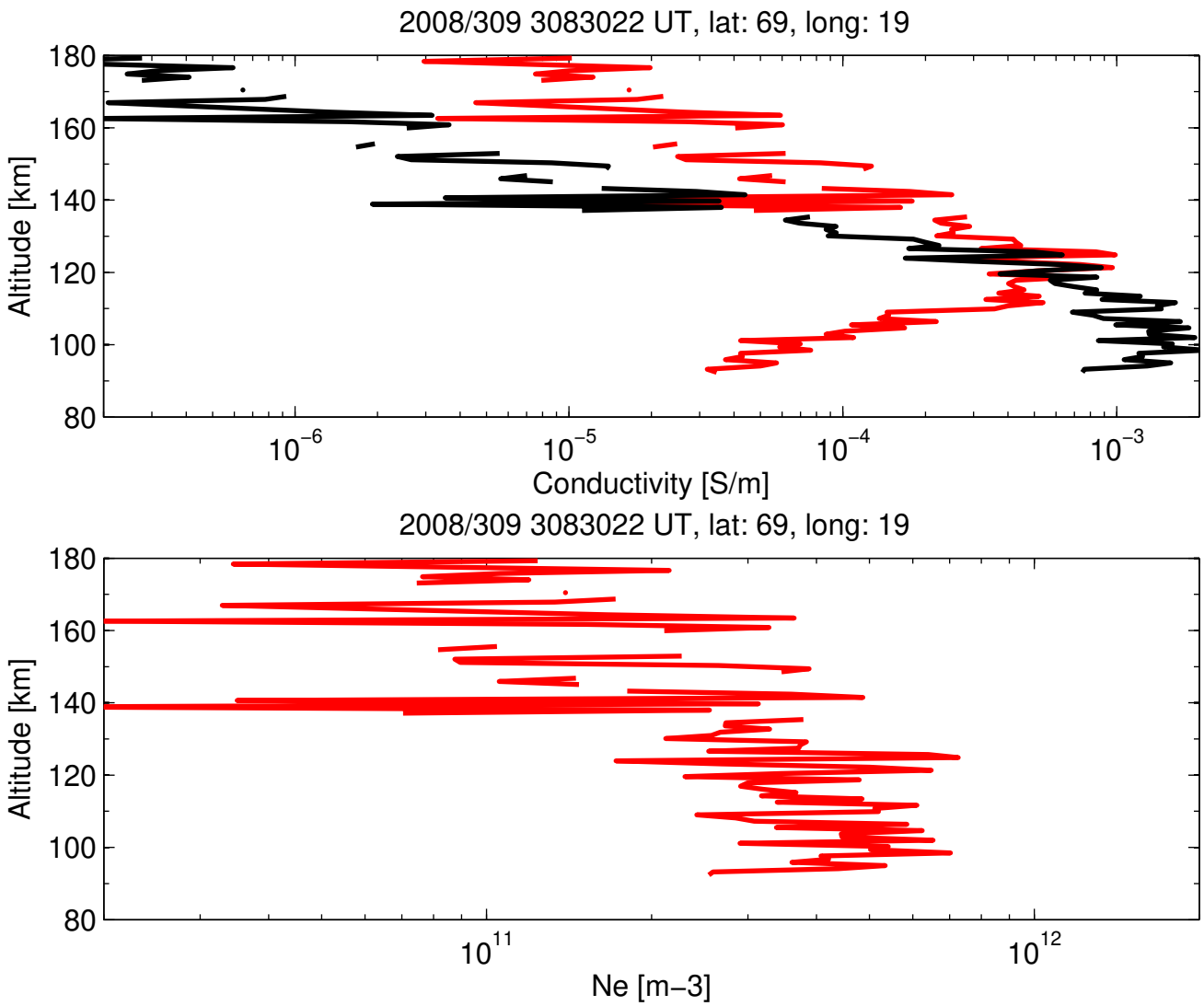
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3083022 UT, lat: 69, long: 19
Altitude [km]
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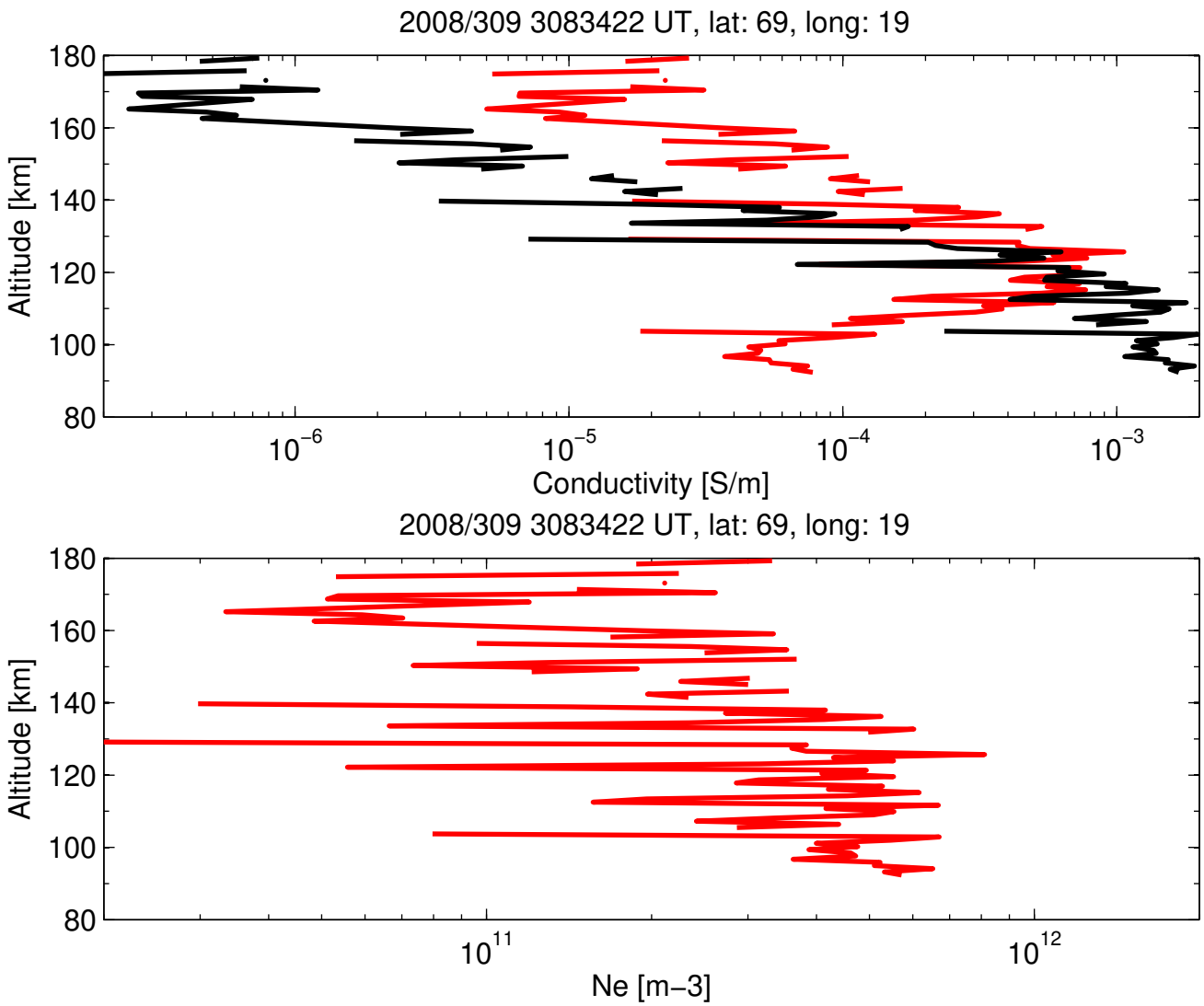
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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160
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3083422 UT, lat: 69, long: 19
Altitude [km]
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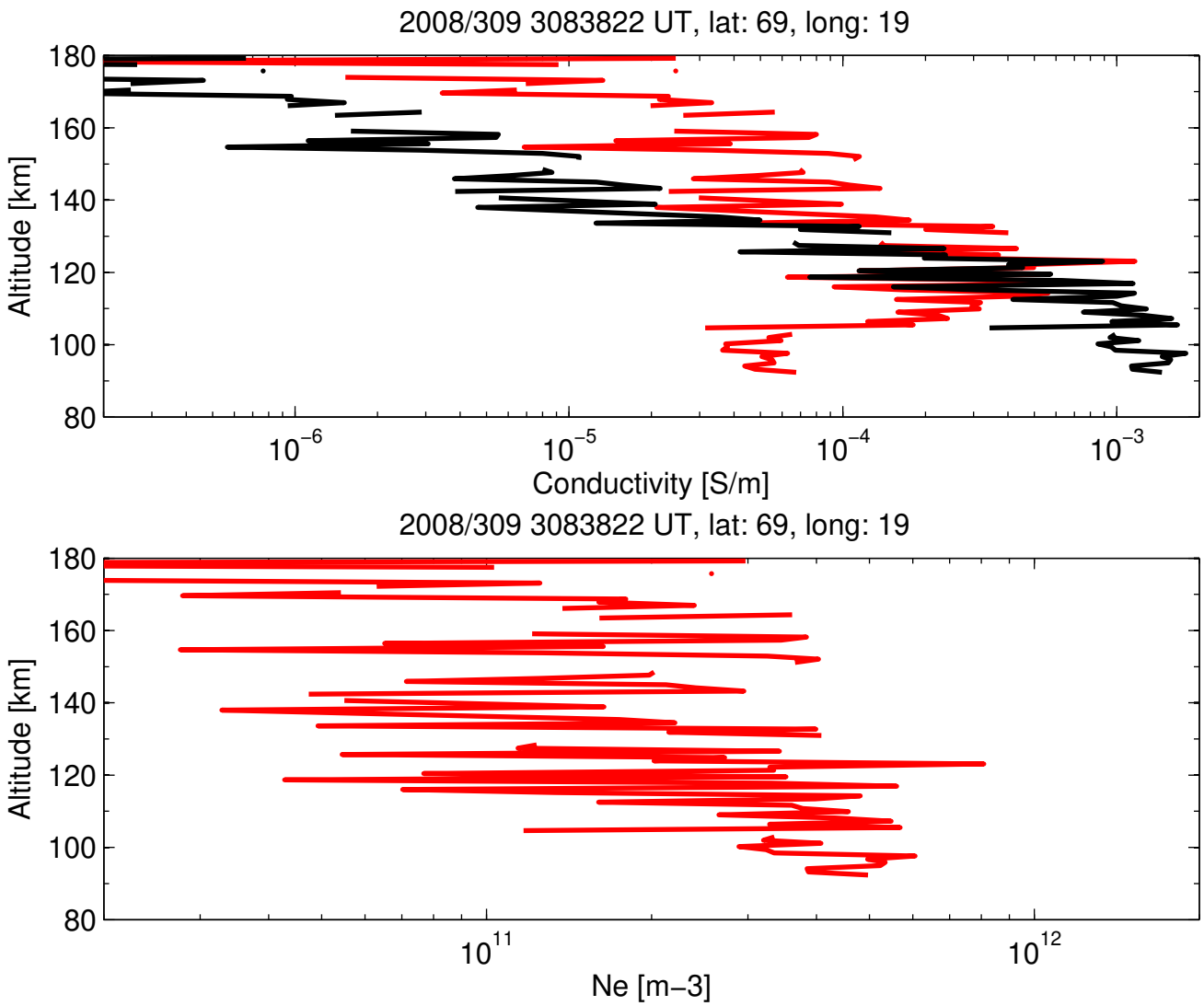
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3083822 UT, lat: 69, long: 19
Altitude [km]
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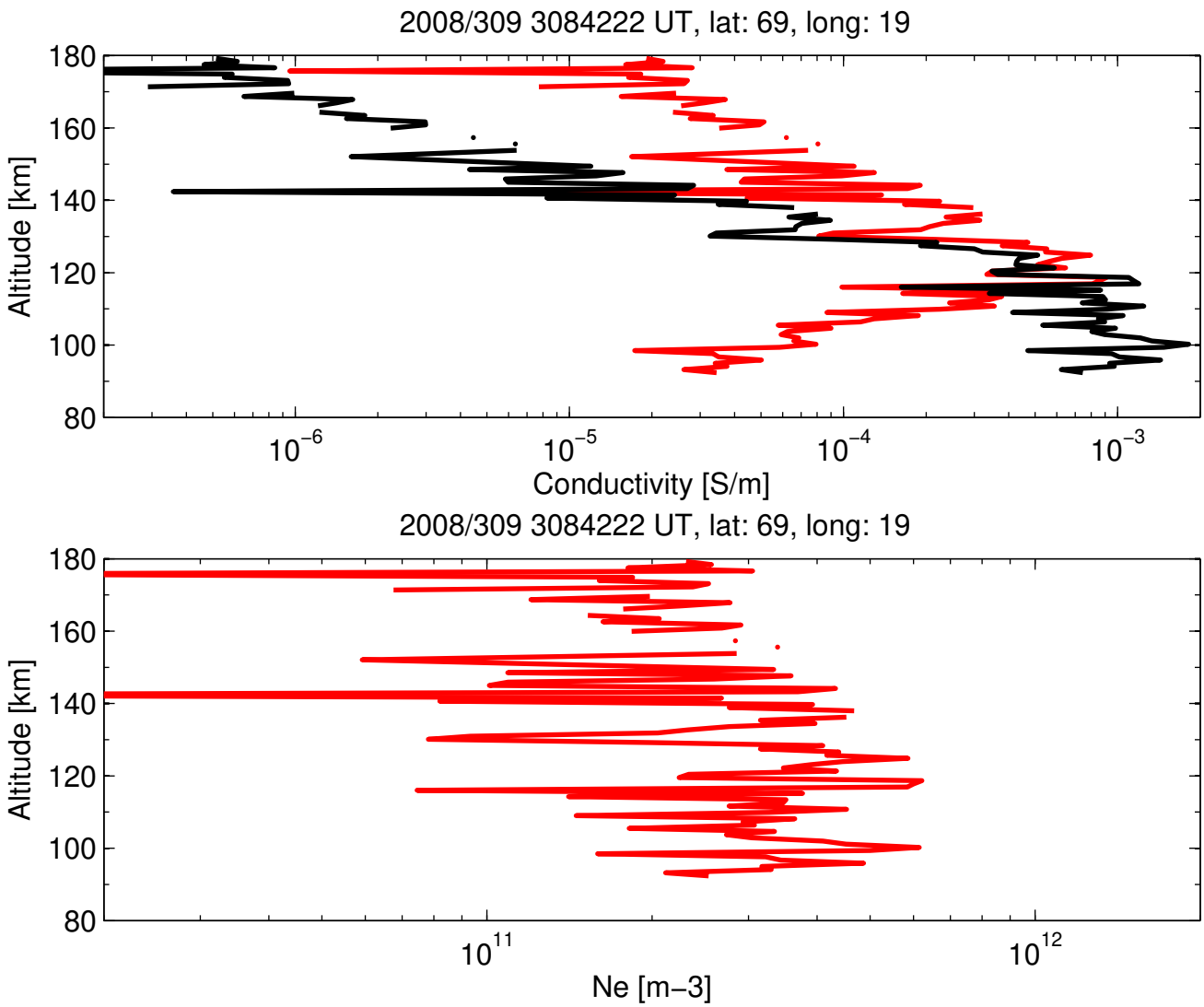
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3084222 UT, lat: 69, long: 19
Altitude [km]
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120
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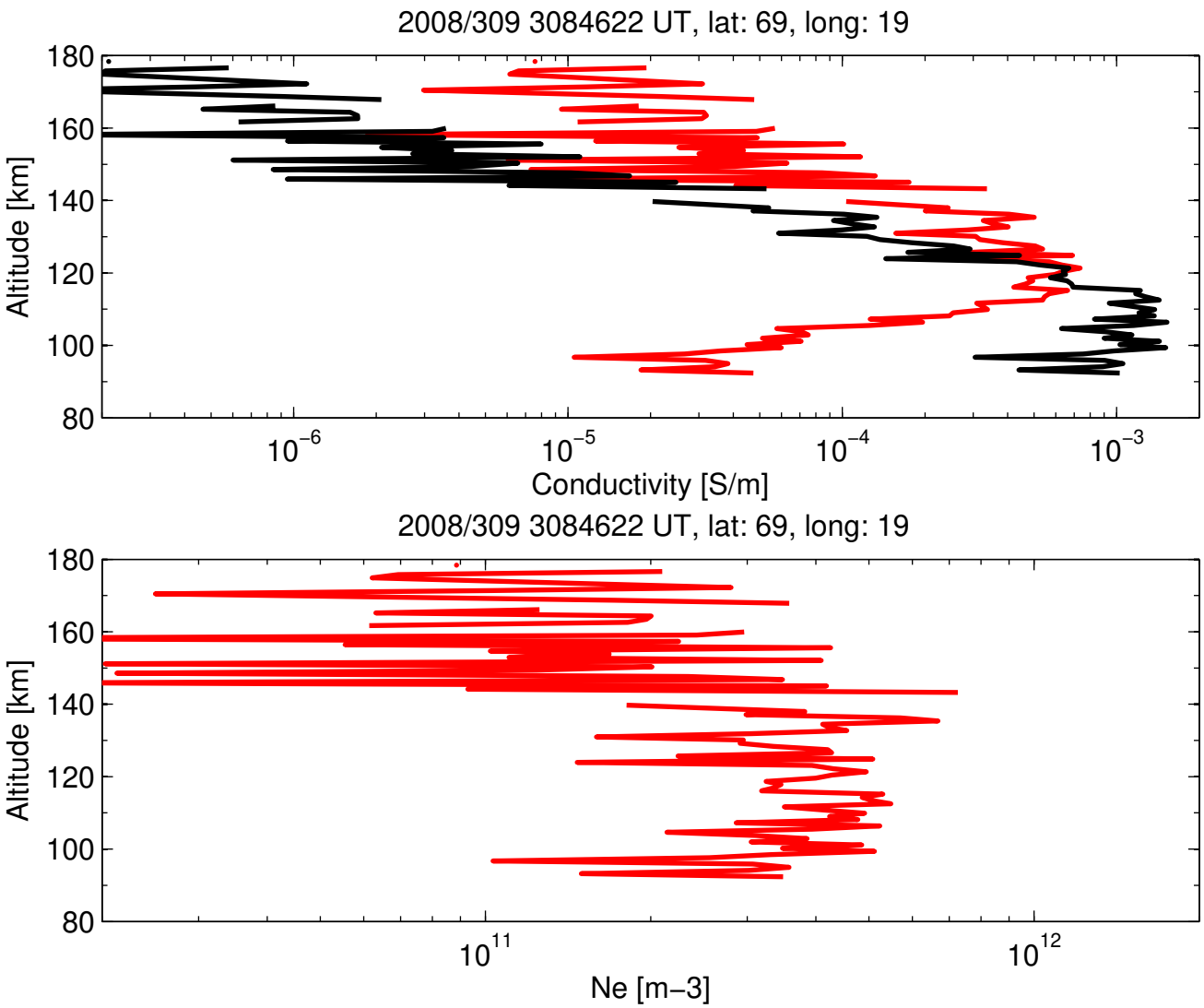
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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120
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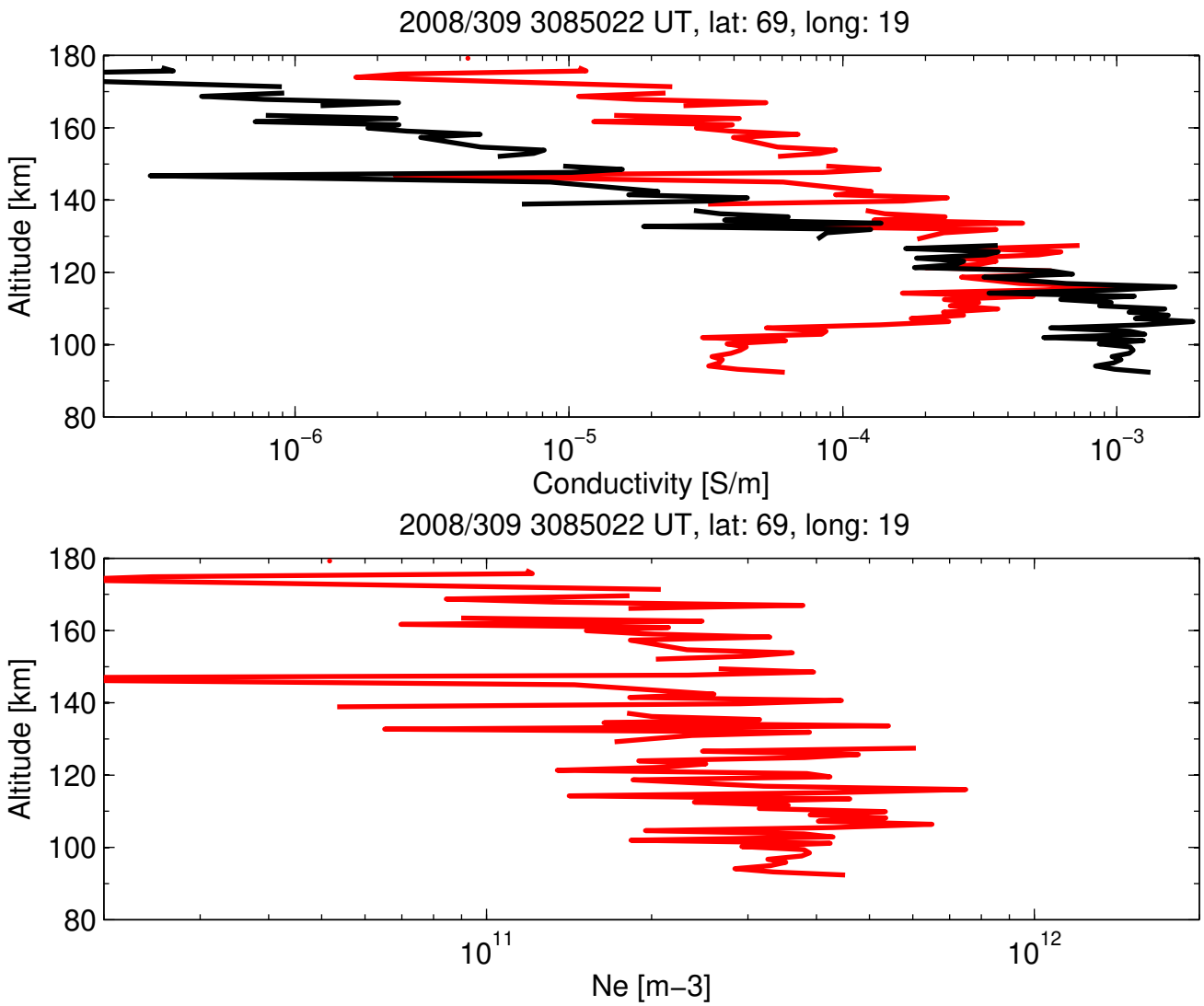
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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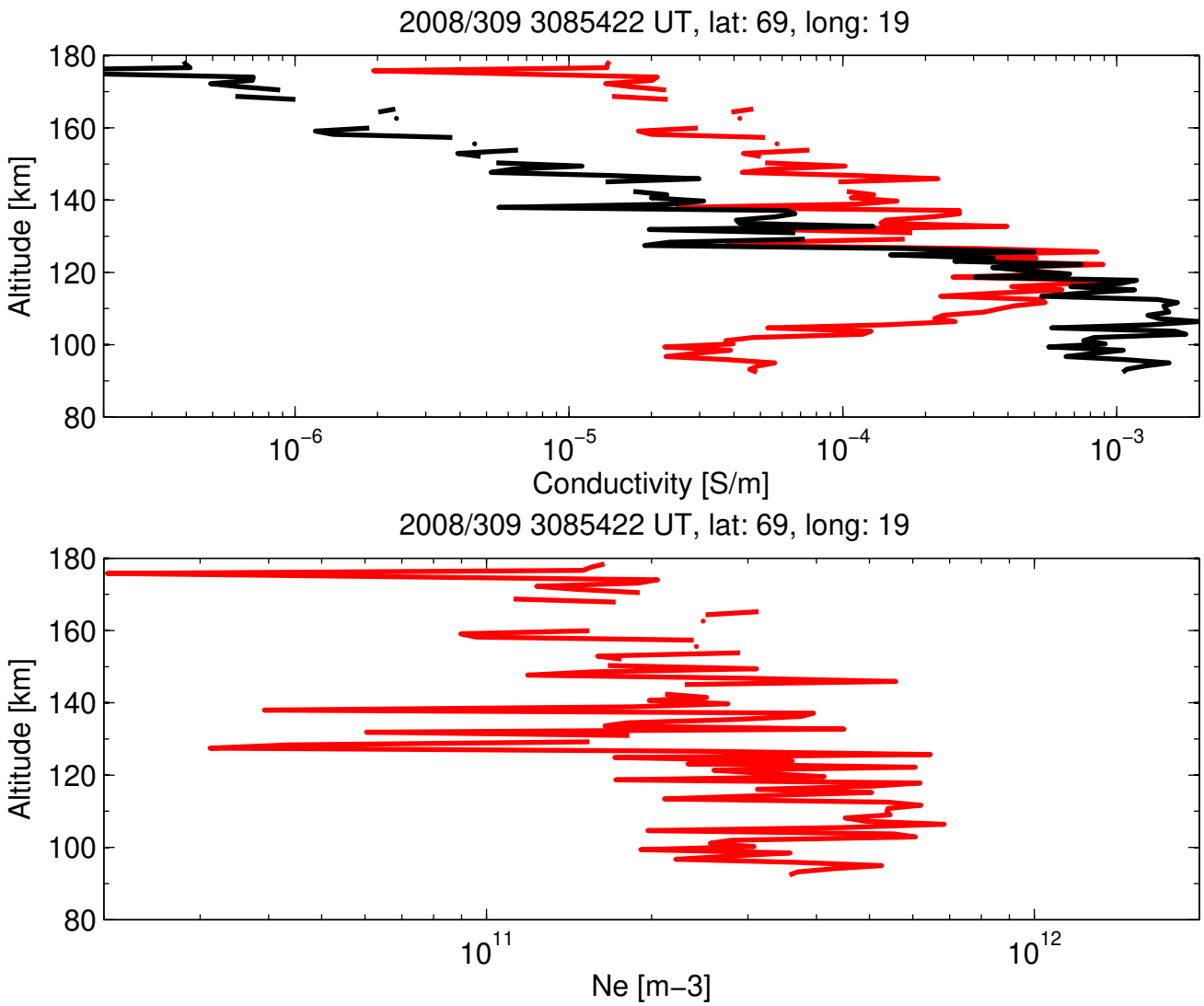
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
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10^{-3}
Conductivity [S/m]
2008/309 3085422 UT, lat: 69, long: 19
Altitude [km]
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120
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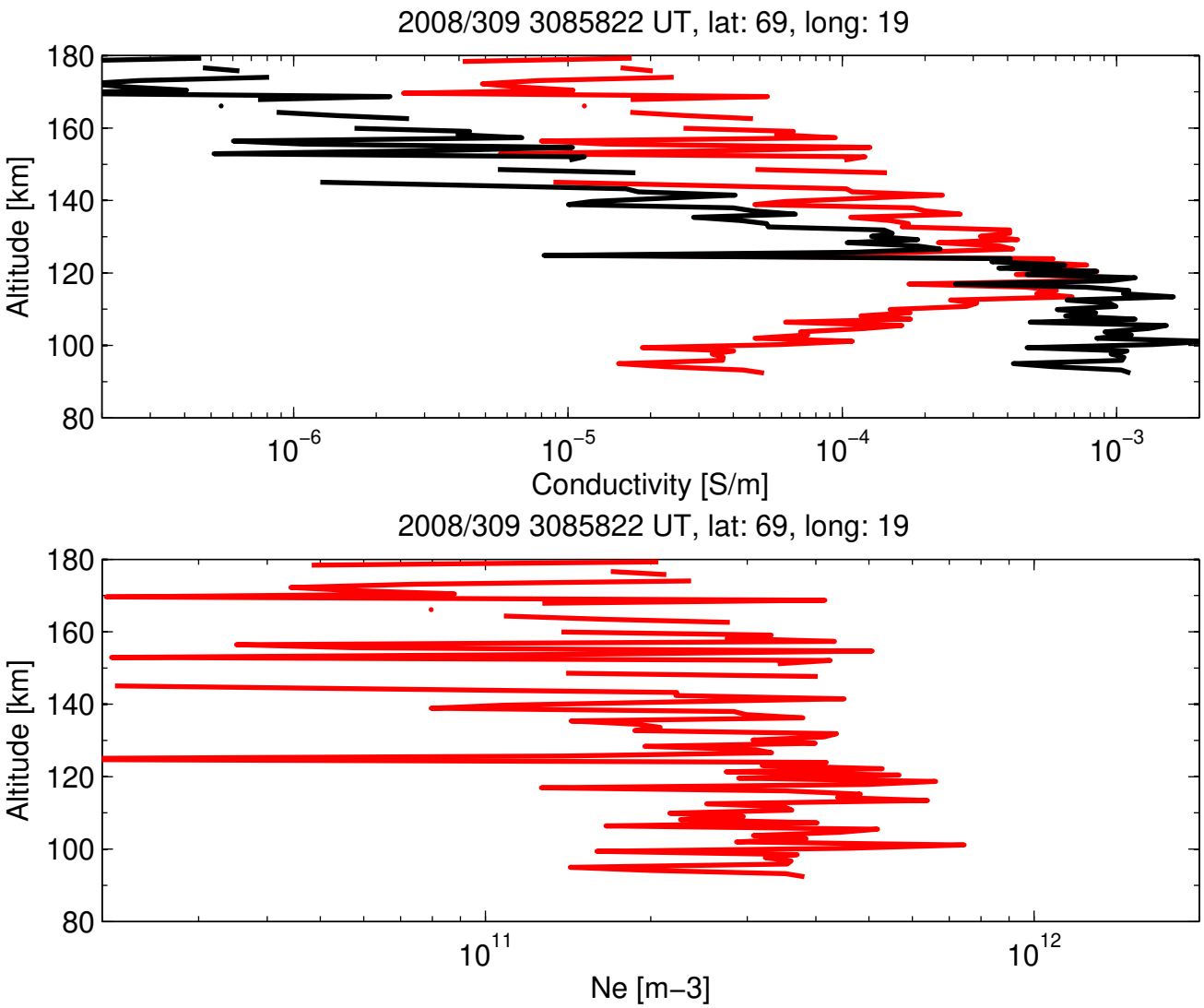
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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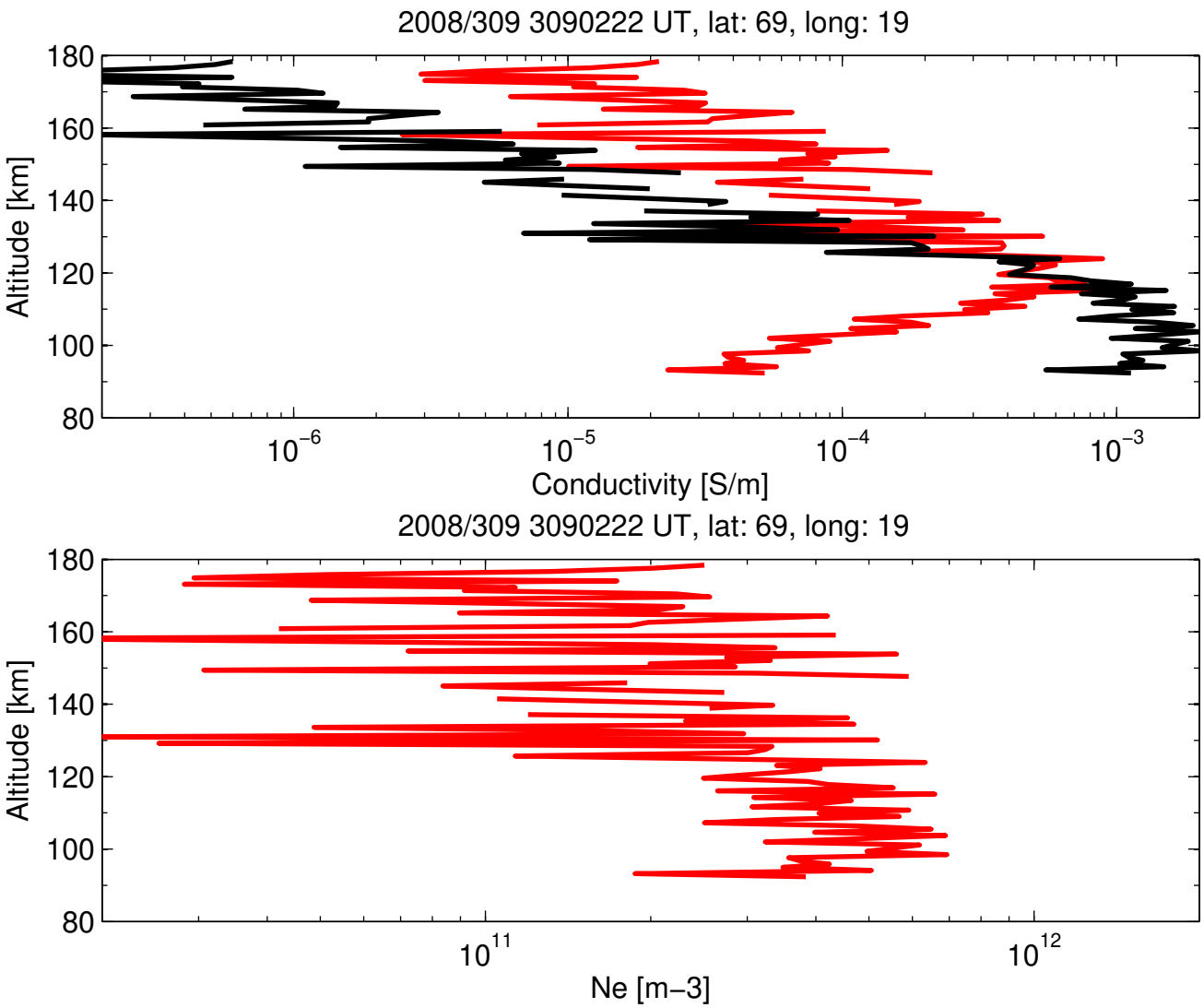
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3090222 UT, lat: 69, long: 19
Altitude [km]
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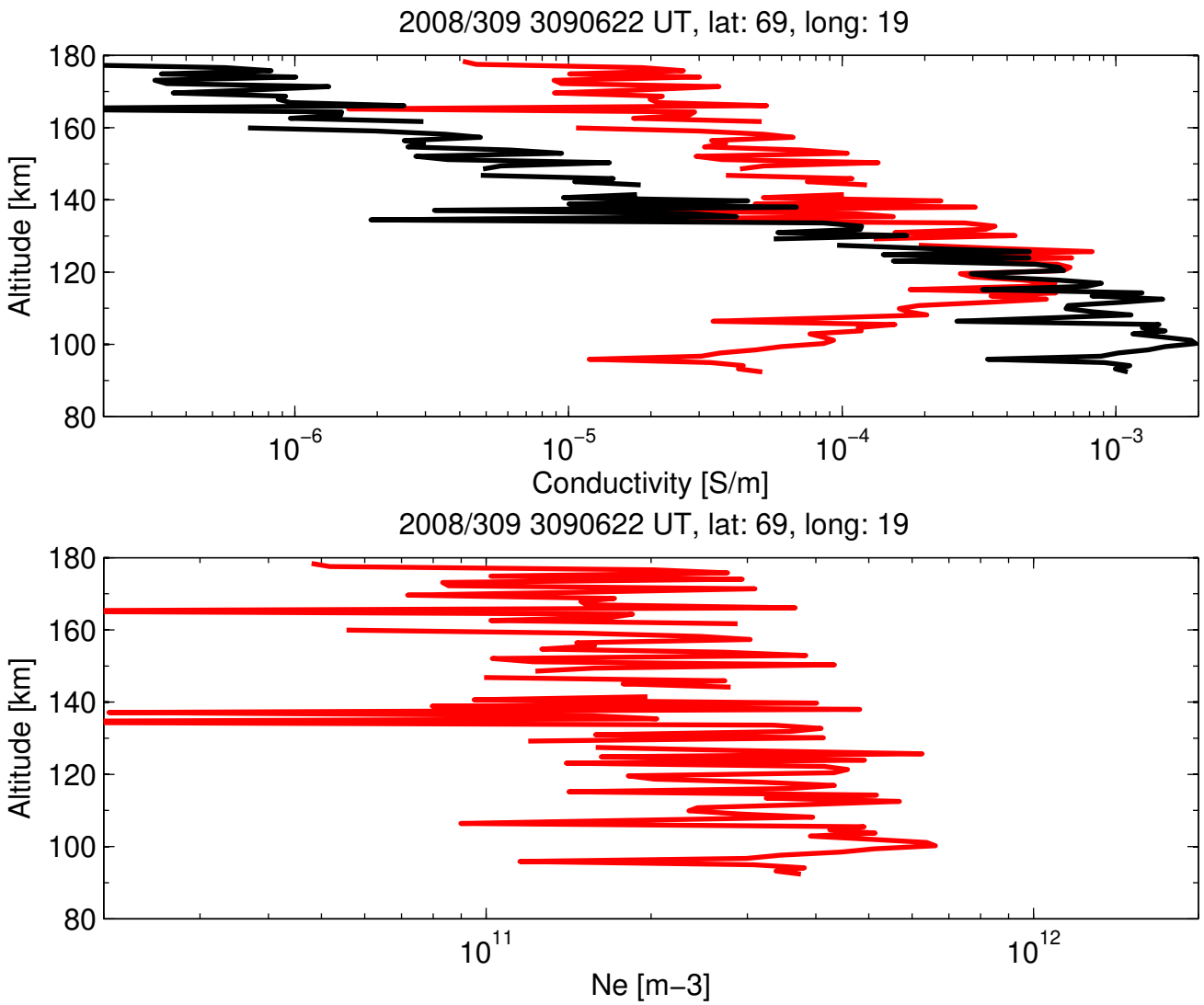
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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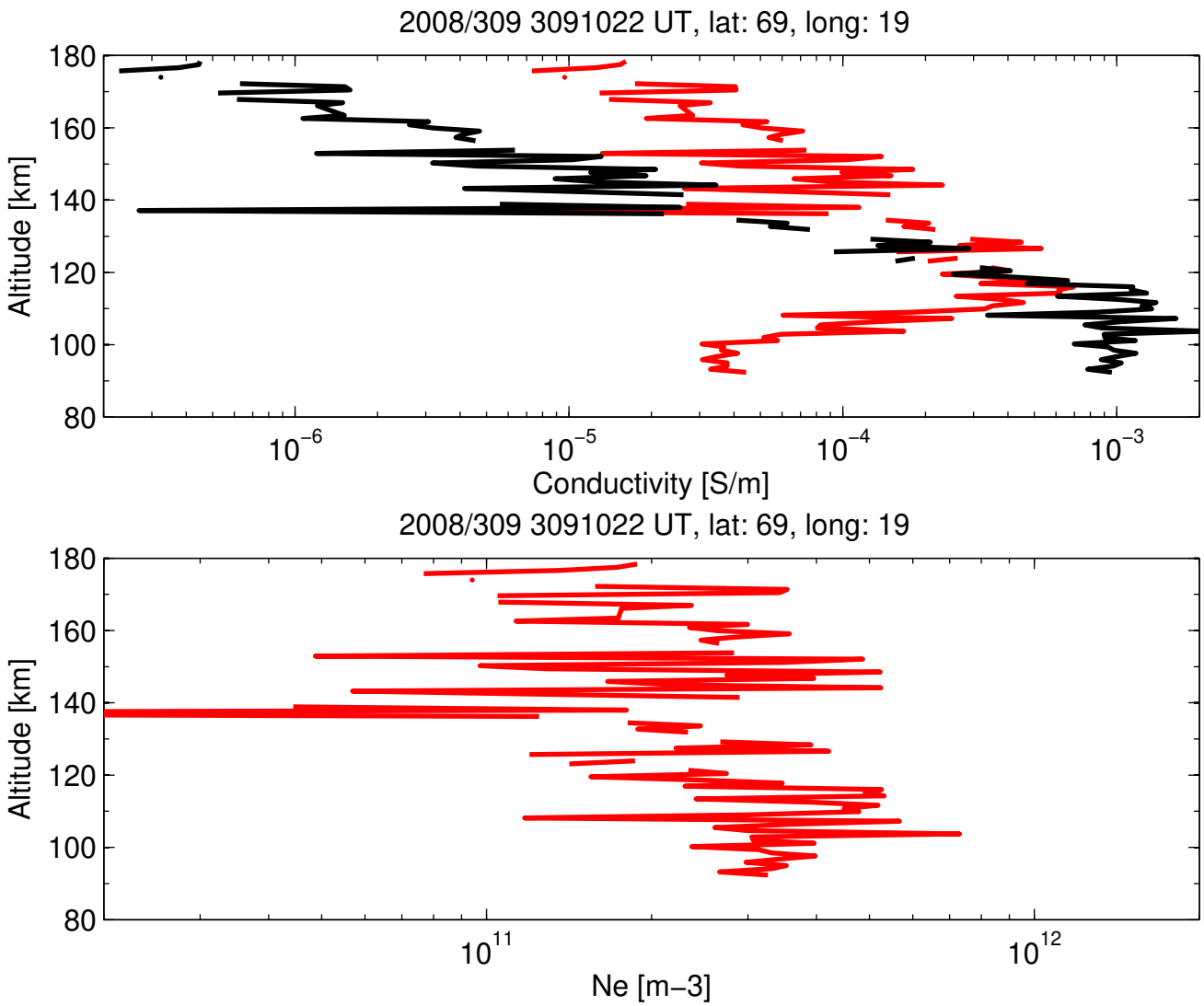
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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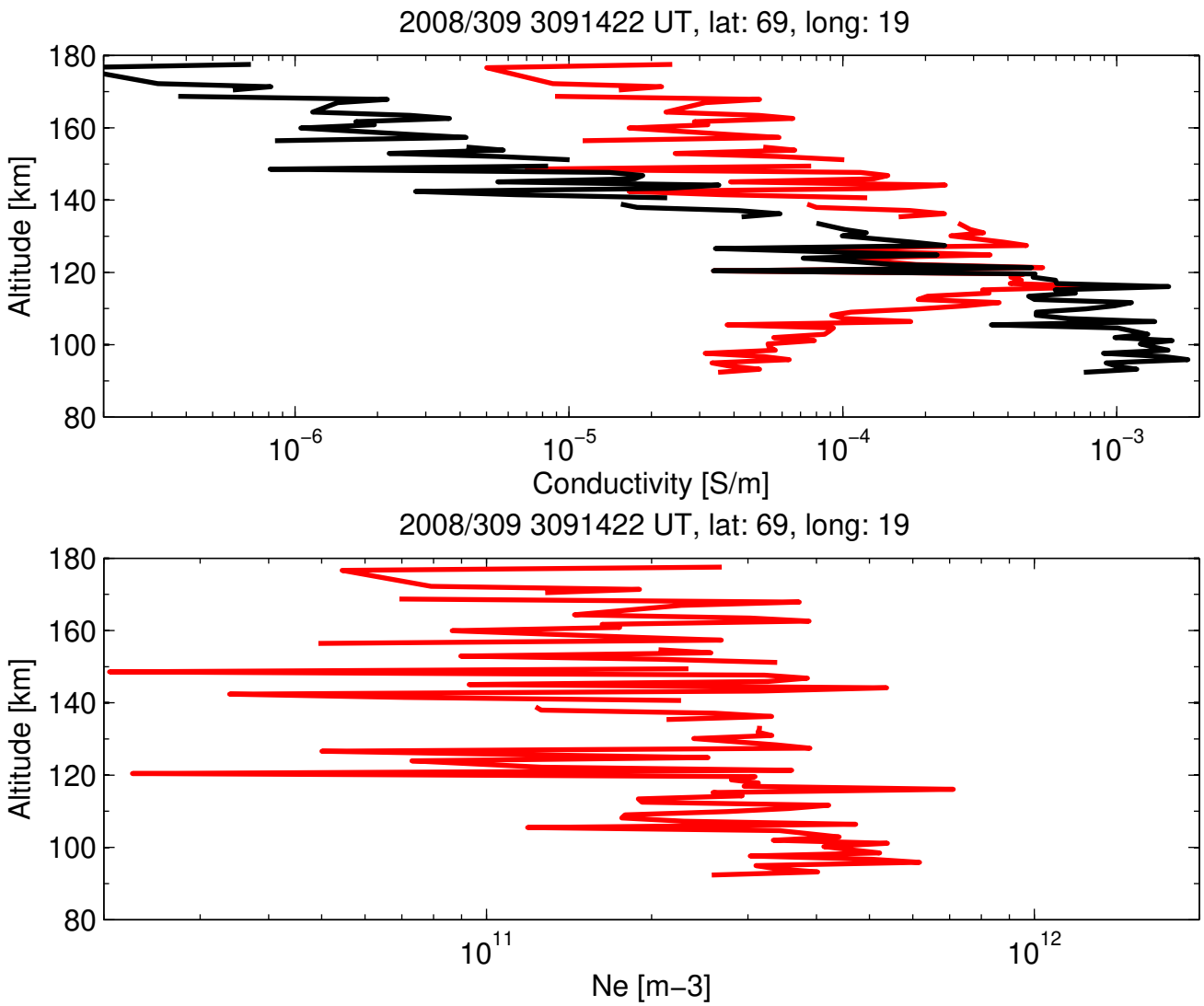
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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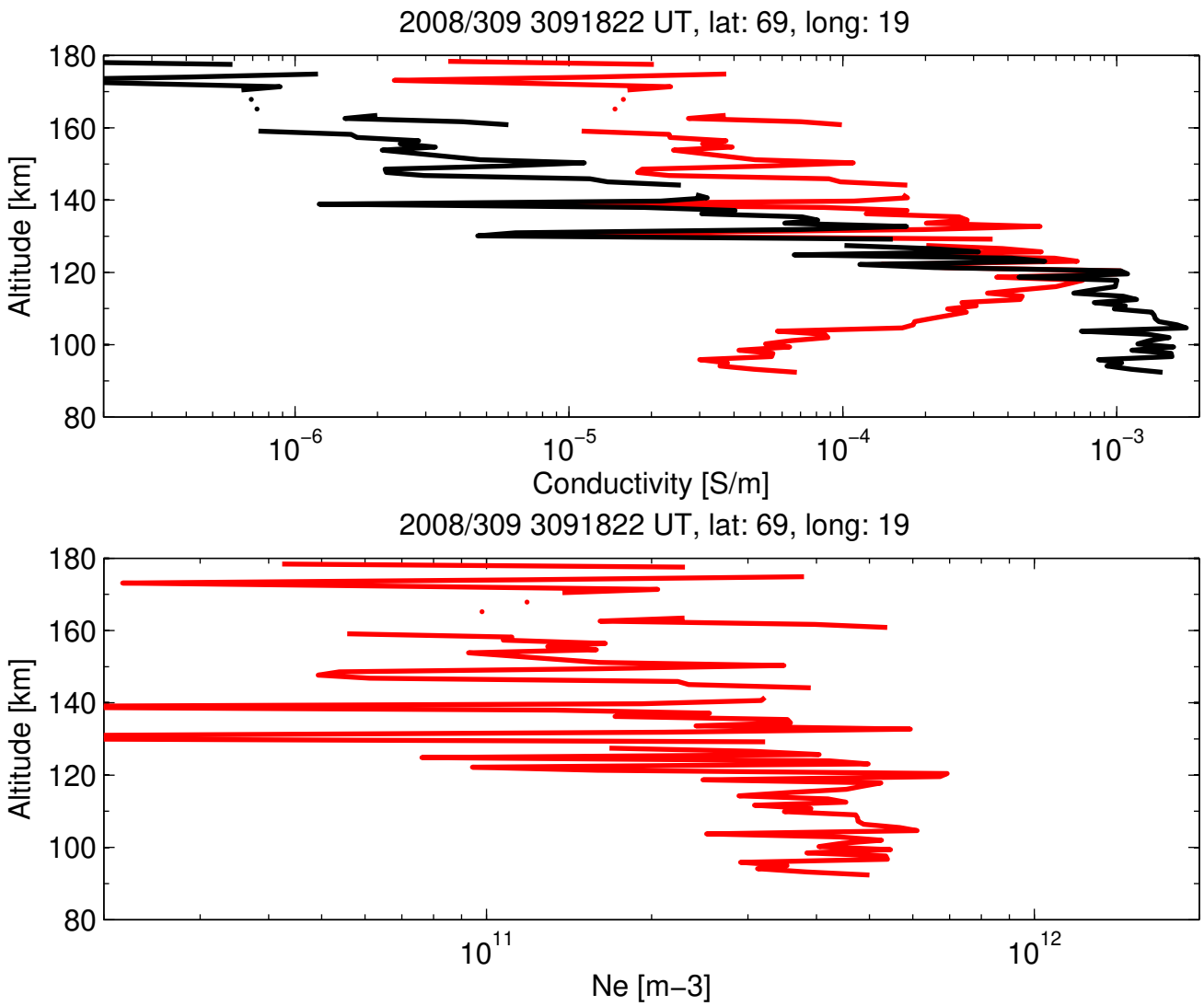
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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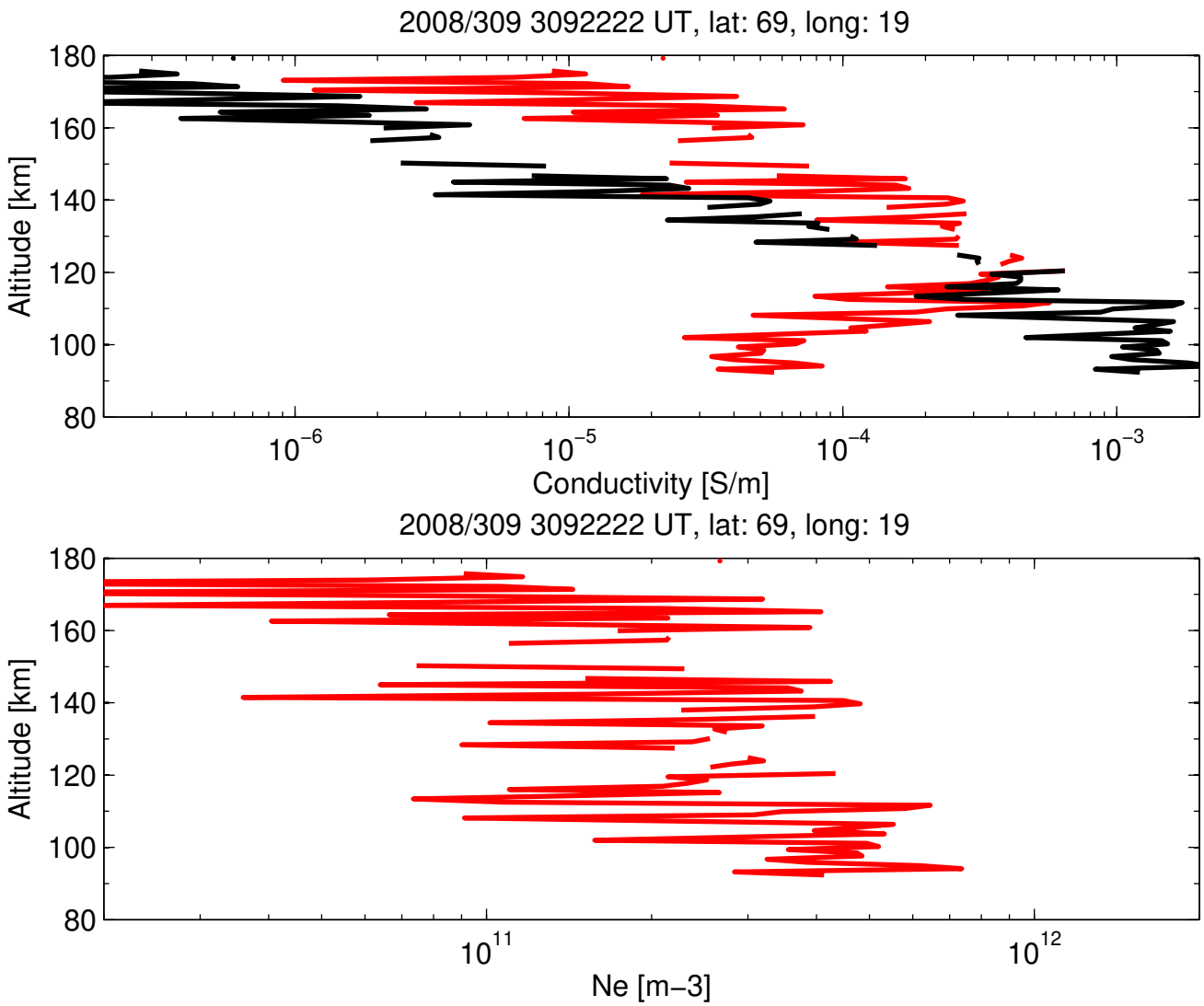
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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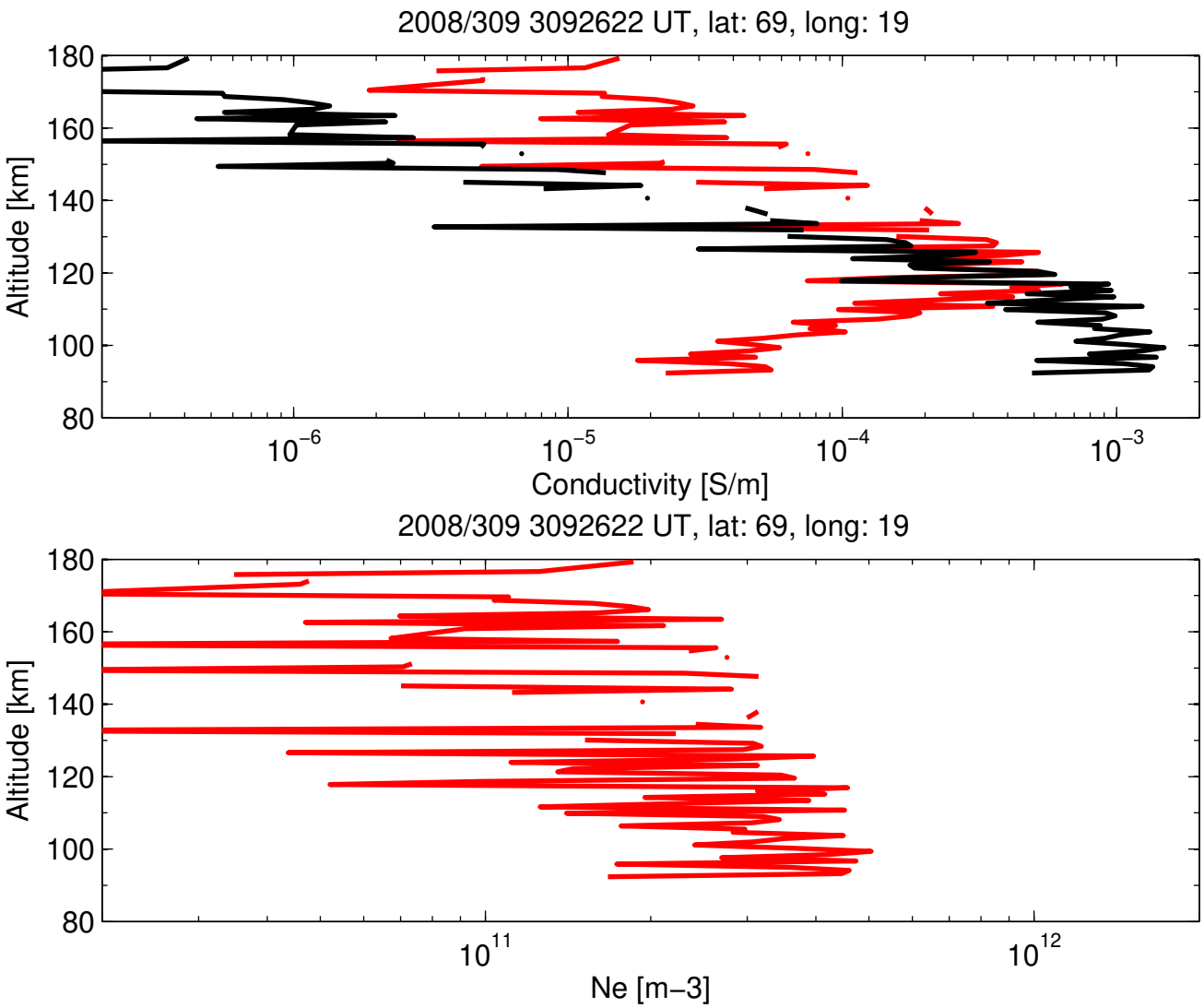
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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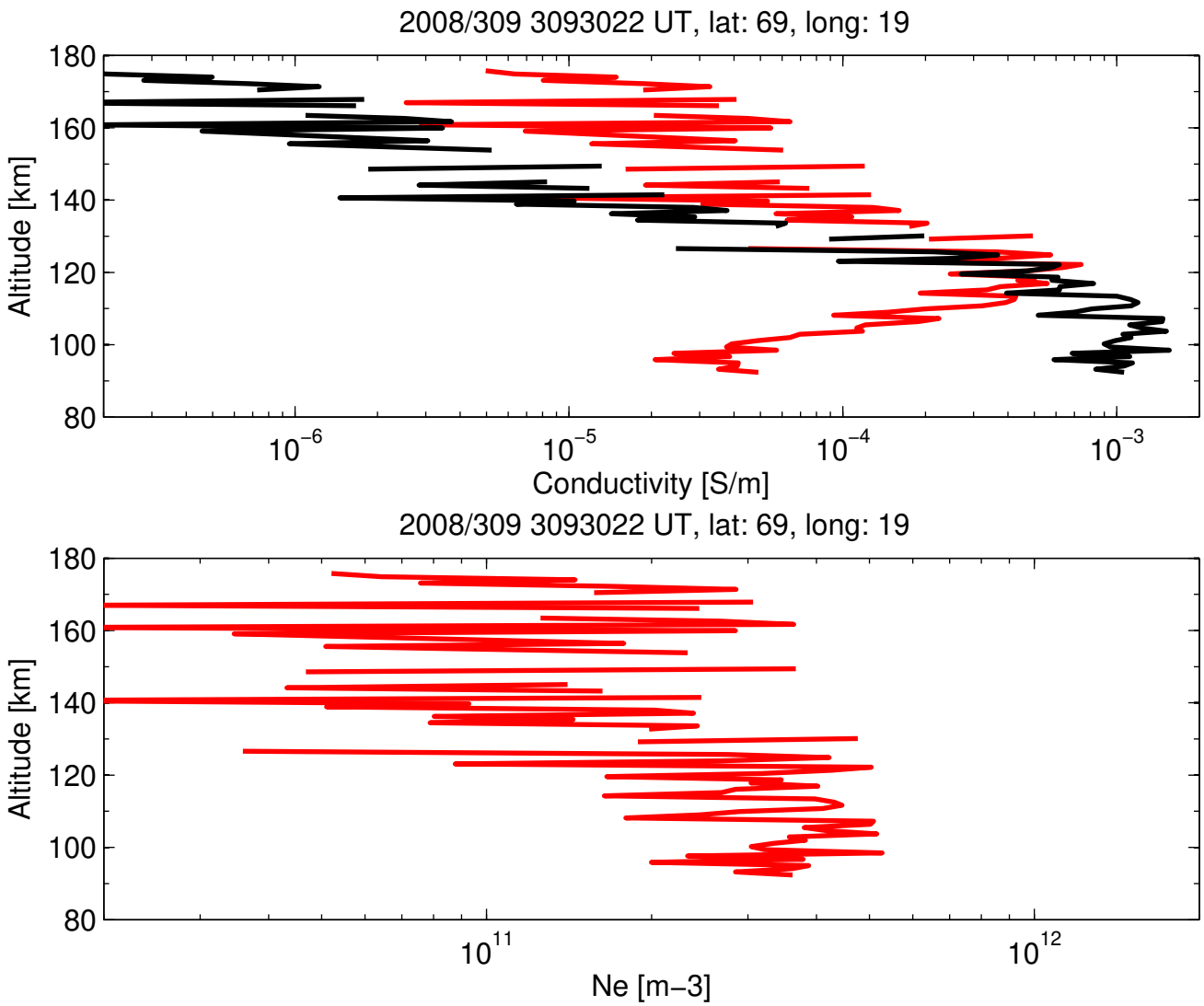
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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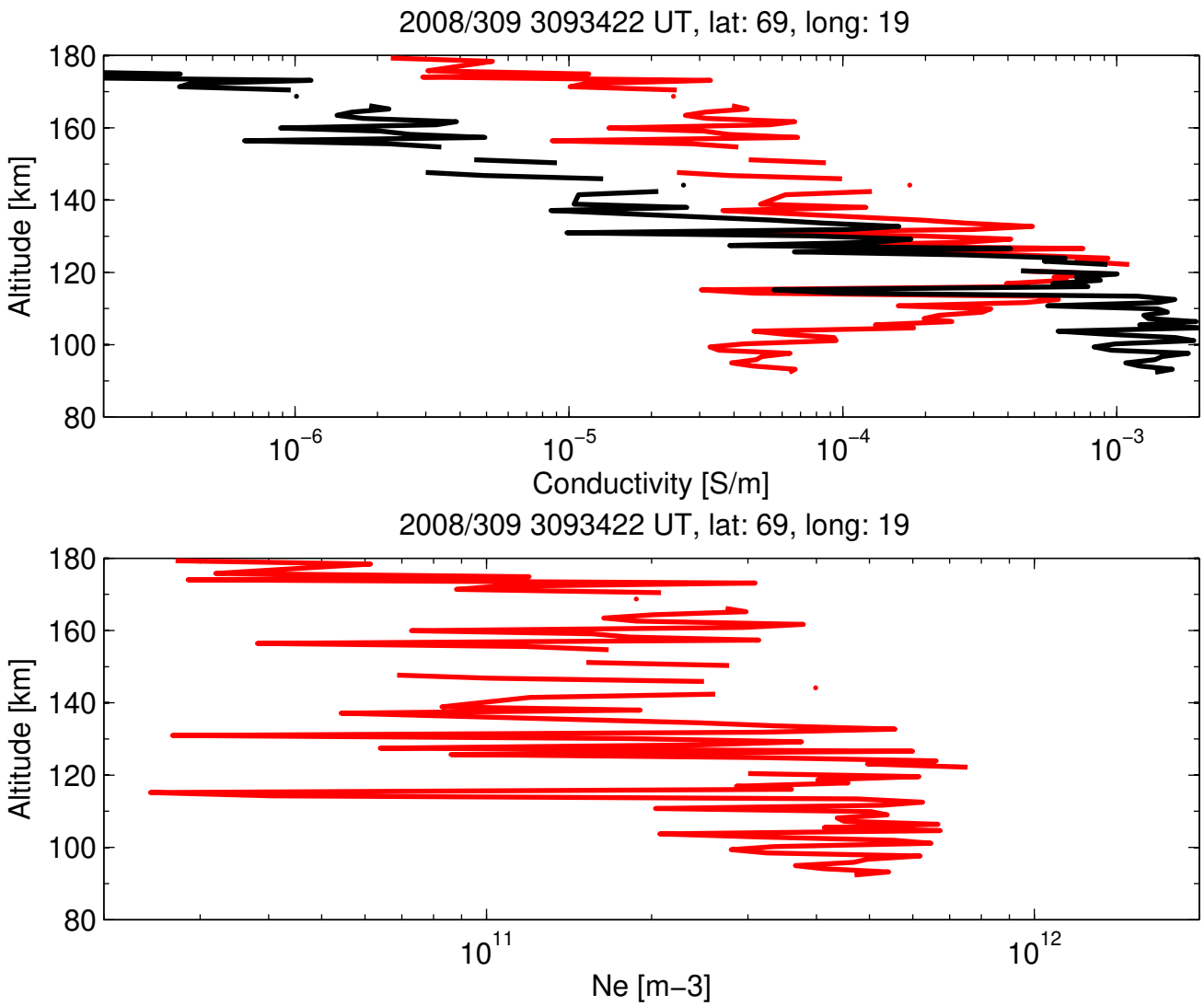
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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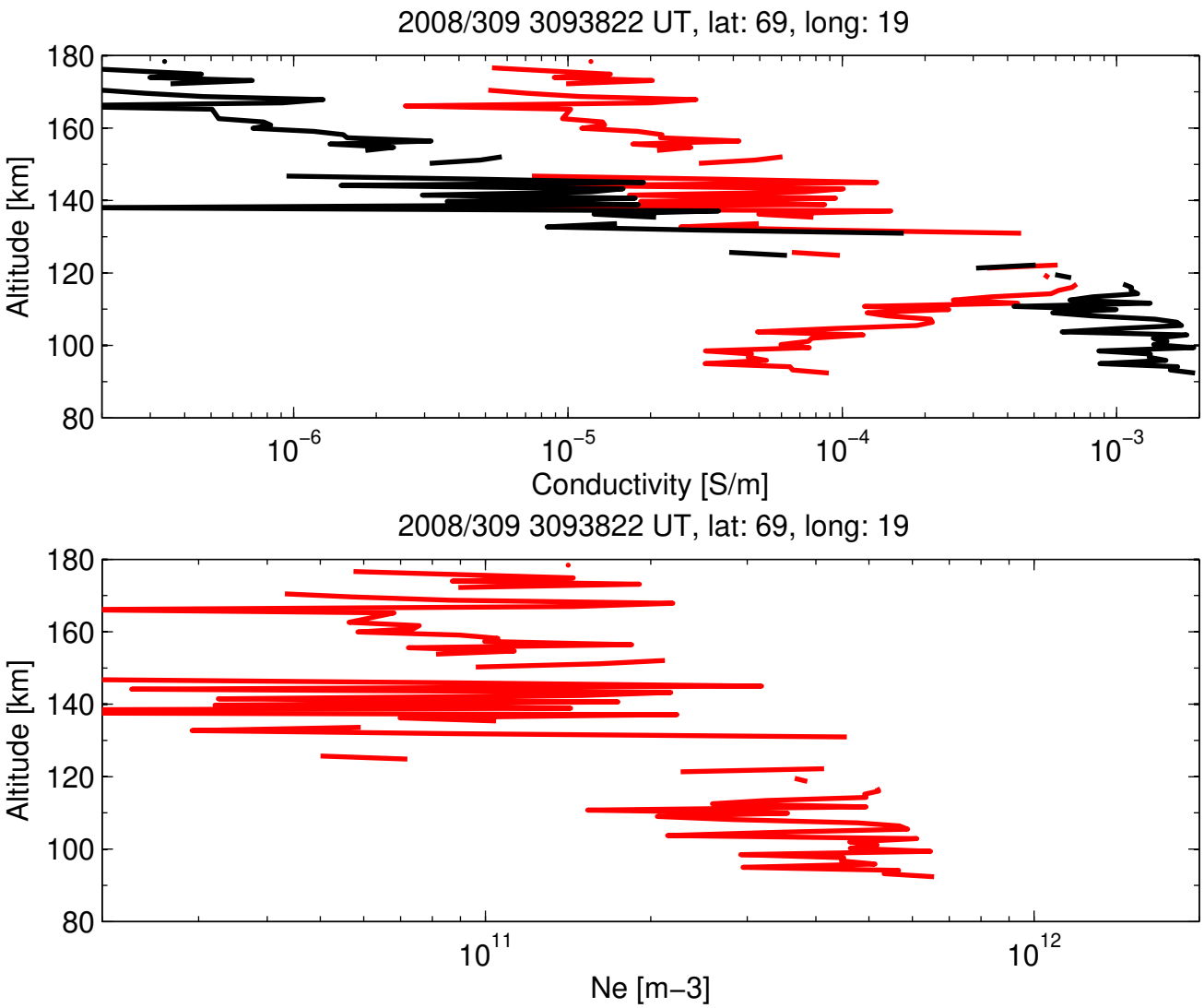
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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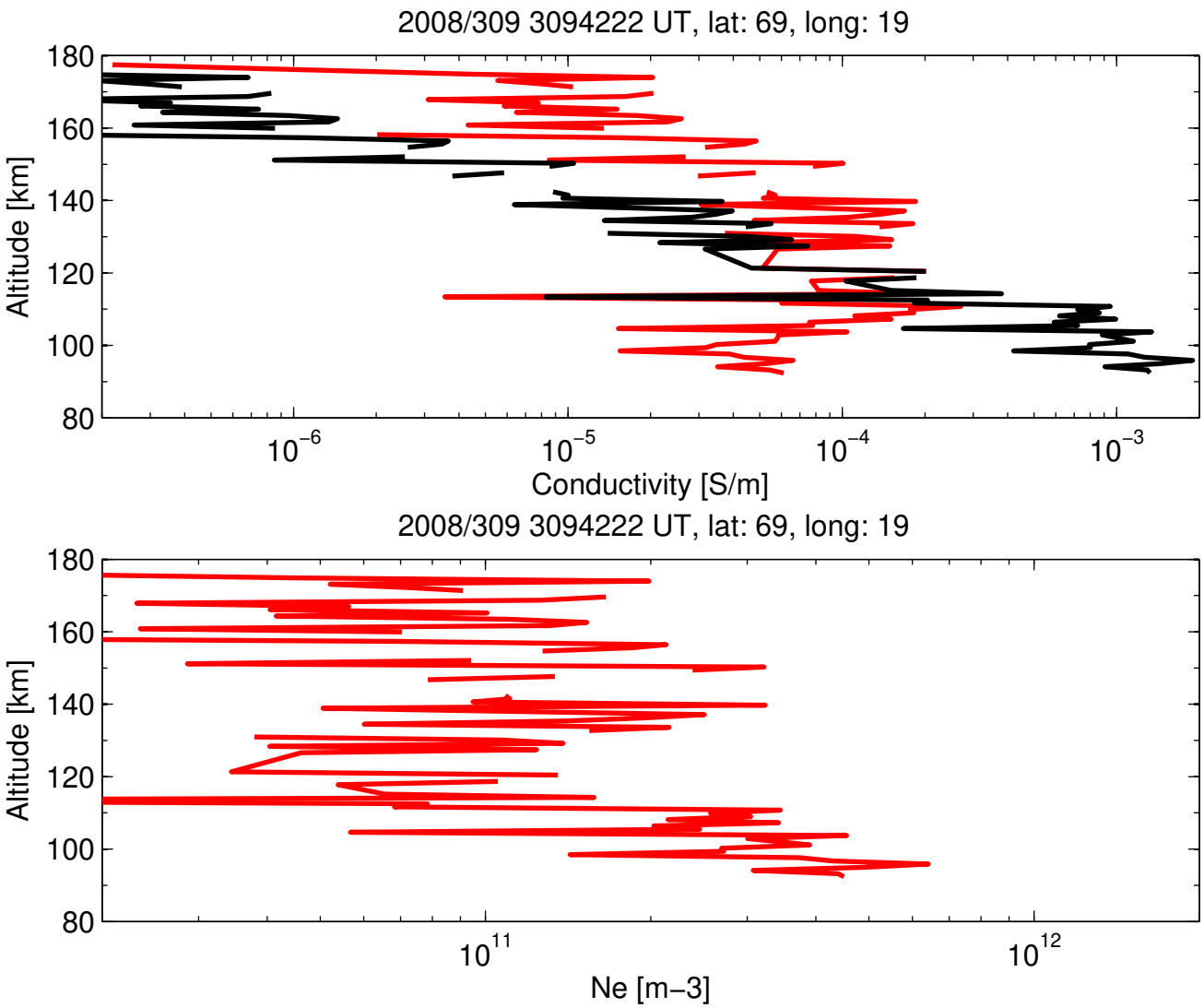
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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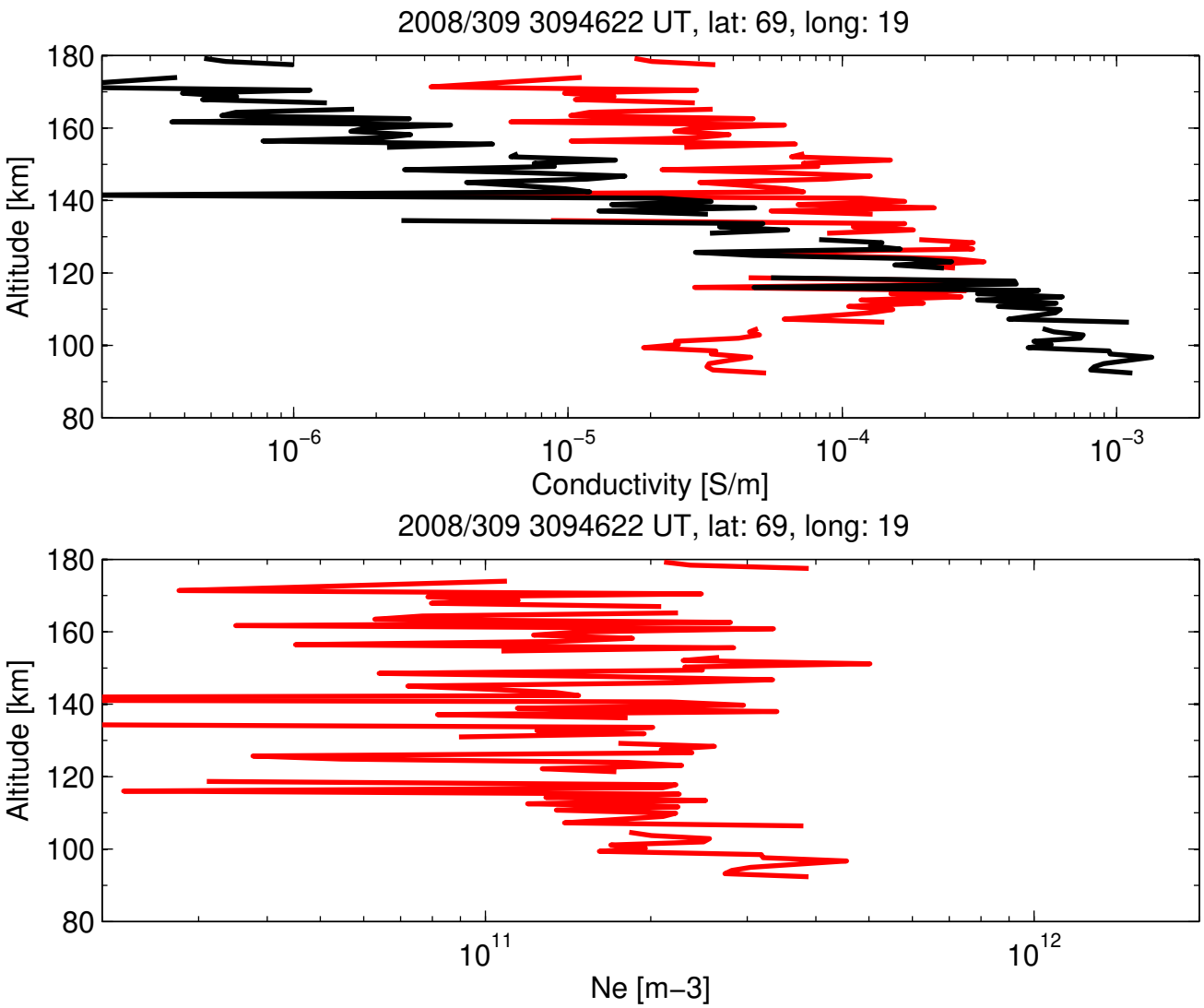
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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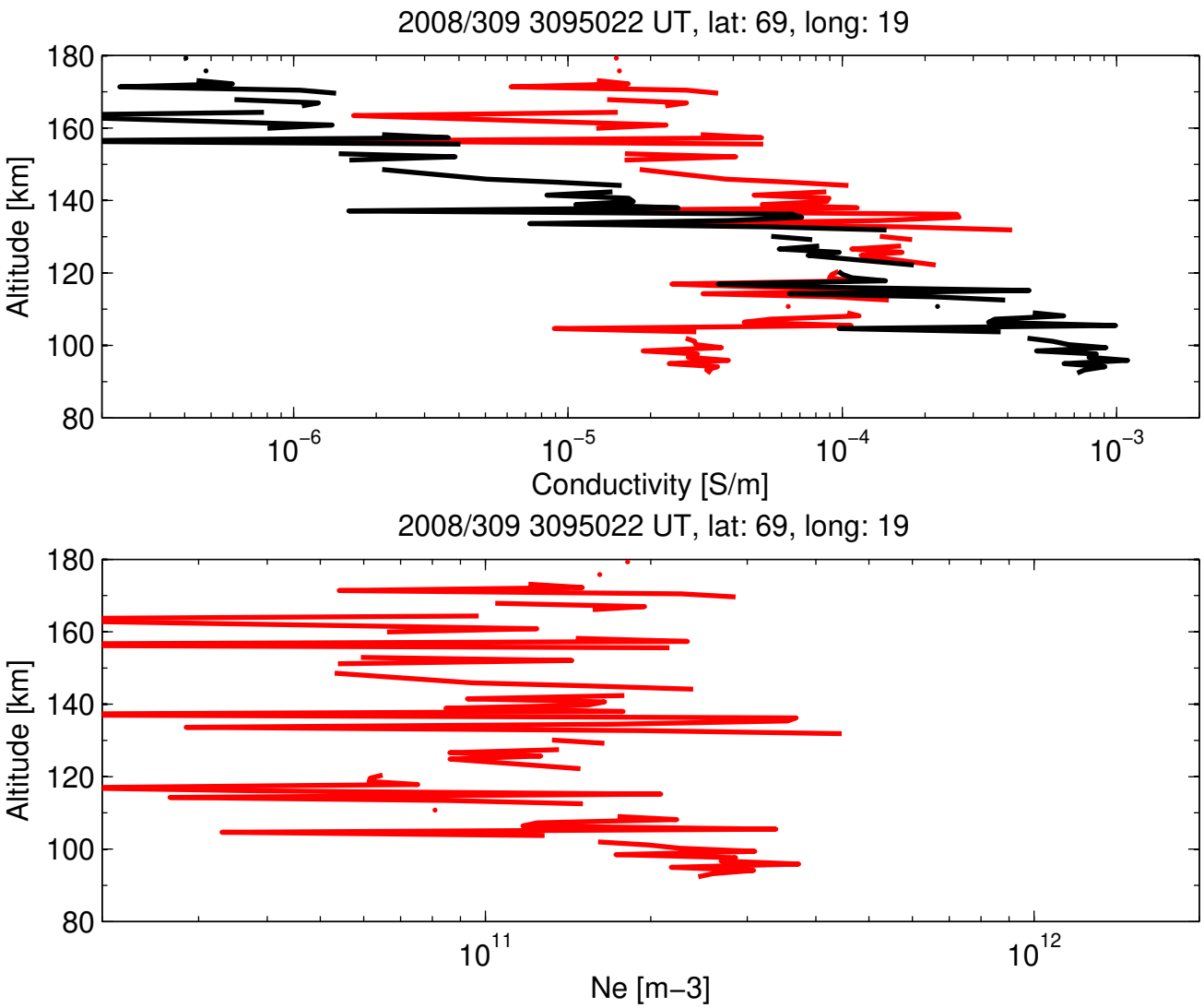
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3095022 UT, lat: 69, long: 19
Altitude [km]
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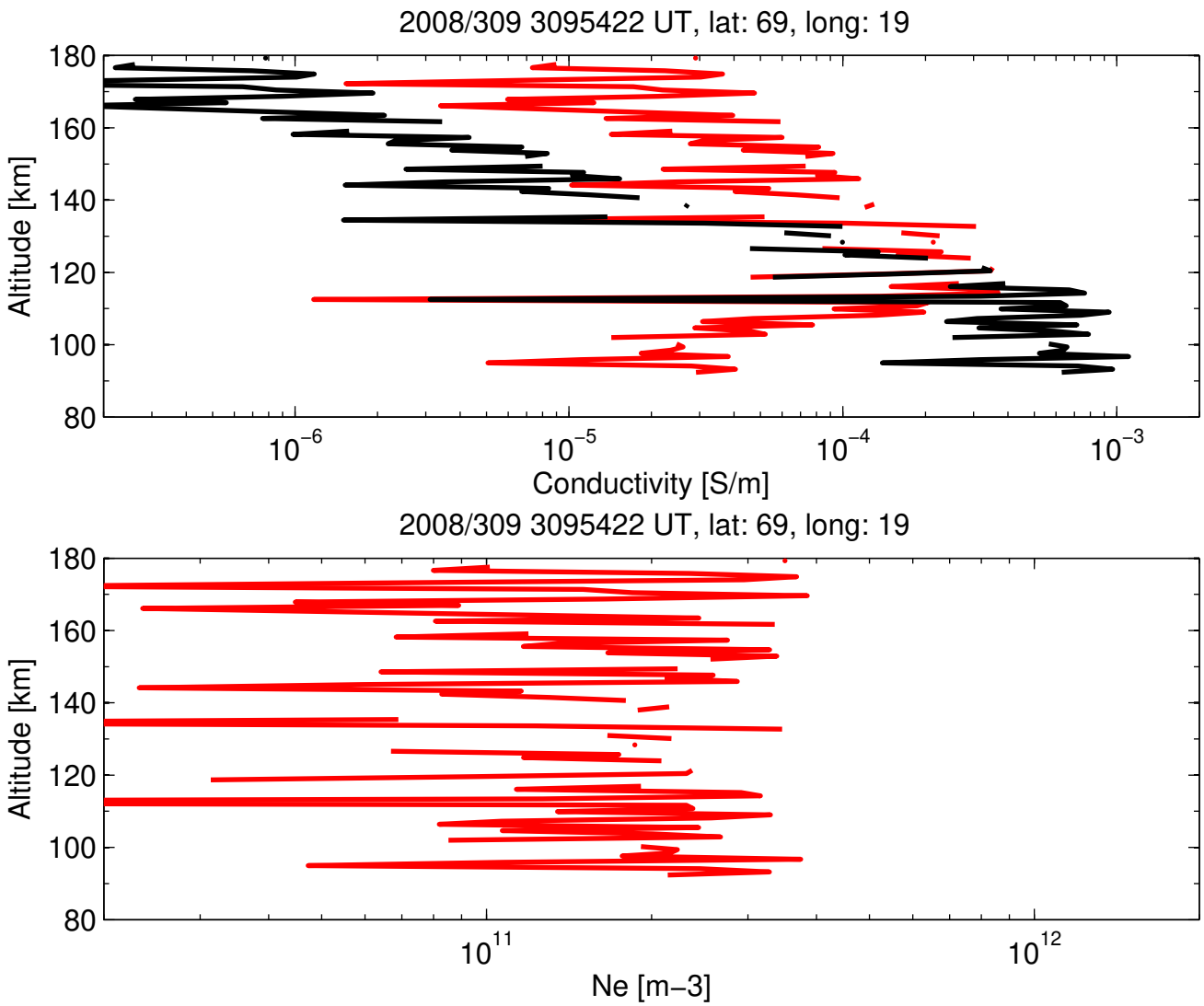
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3095422 UT, lat: 69, long: 19
Altitude [km]
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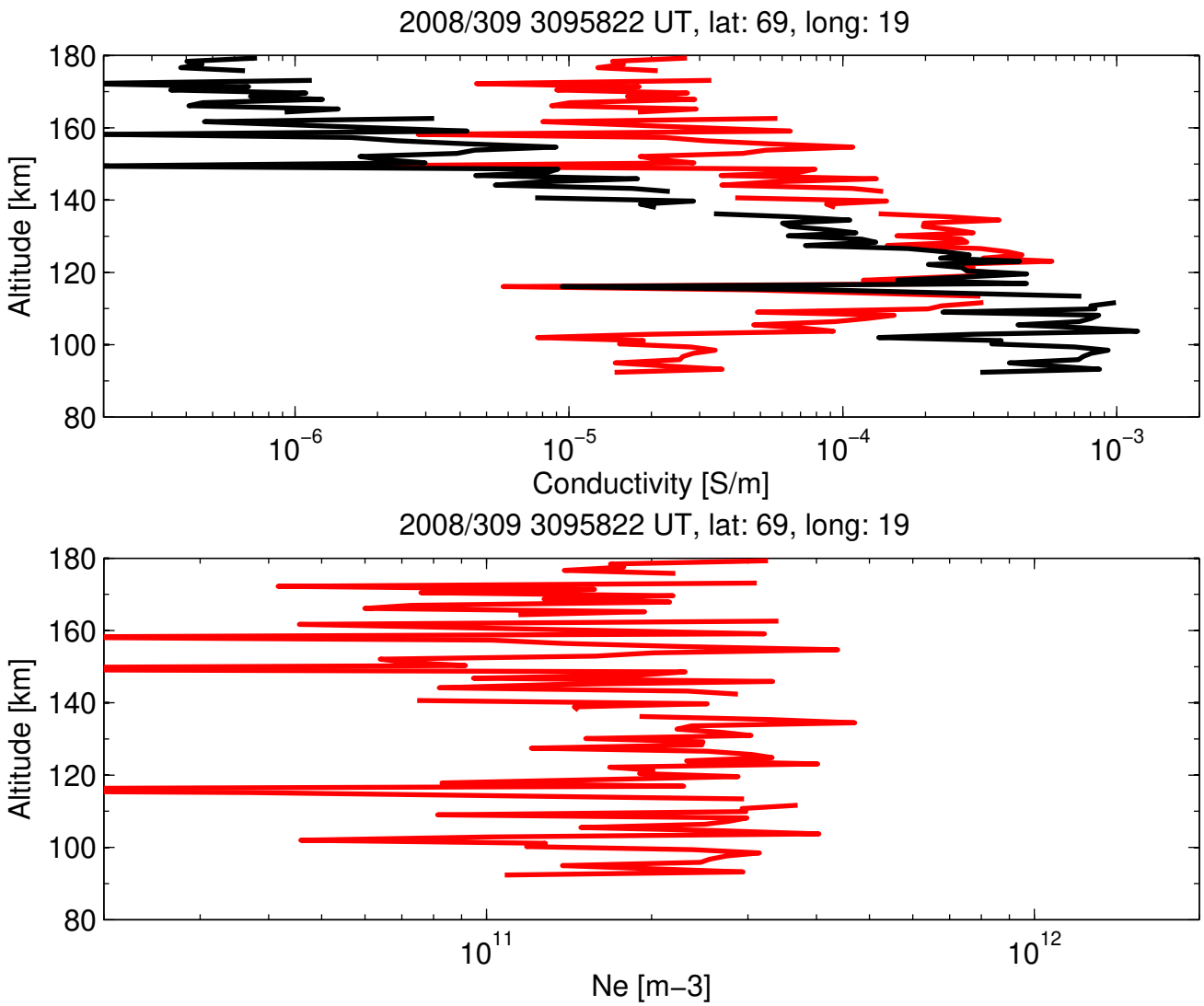
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3095822 UT, lat: 69, long: 19
Altitude [km]
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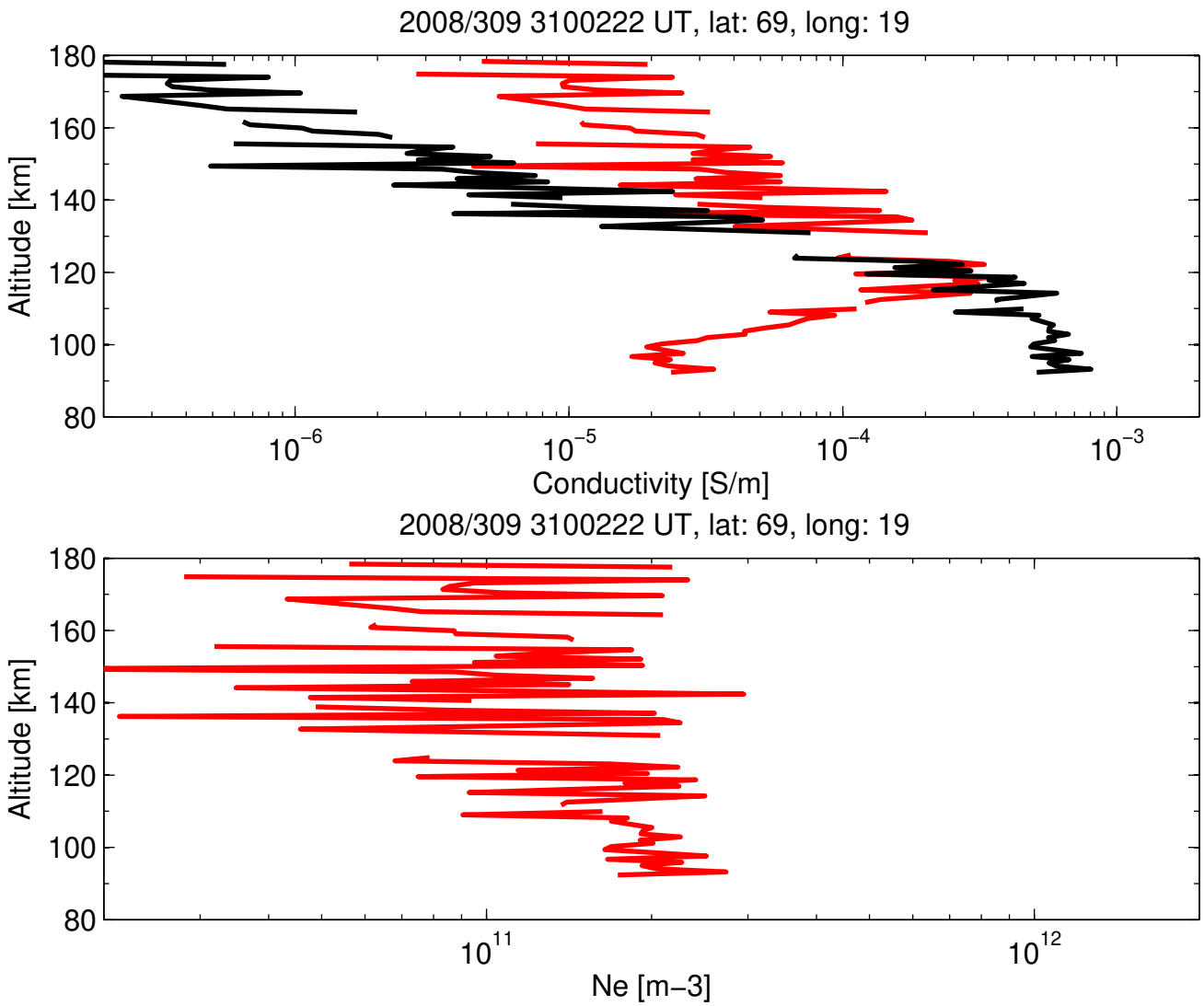
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3100222 UT, lat: 69, long: 19
Altitude [km]
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100
80
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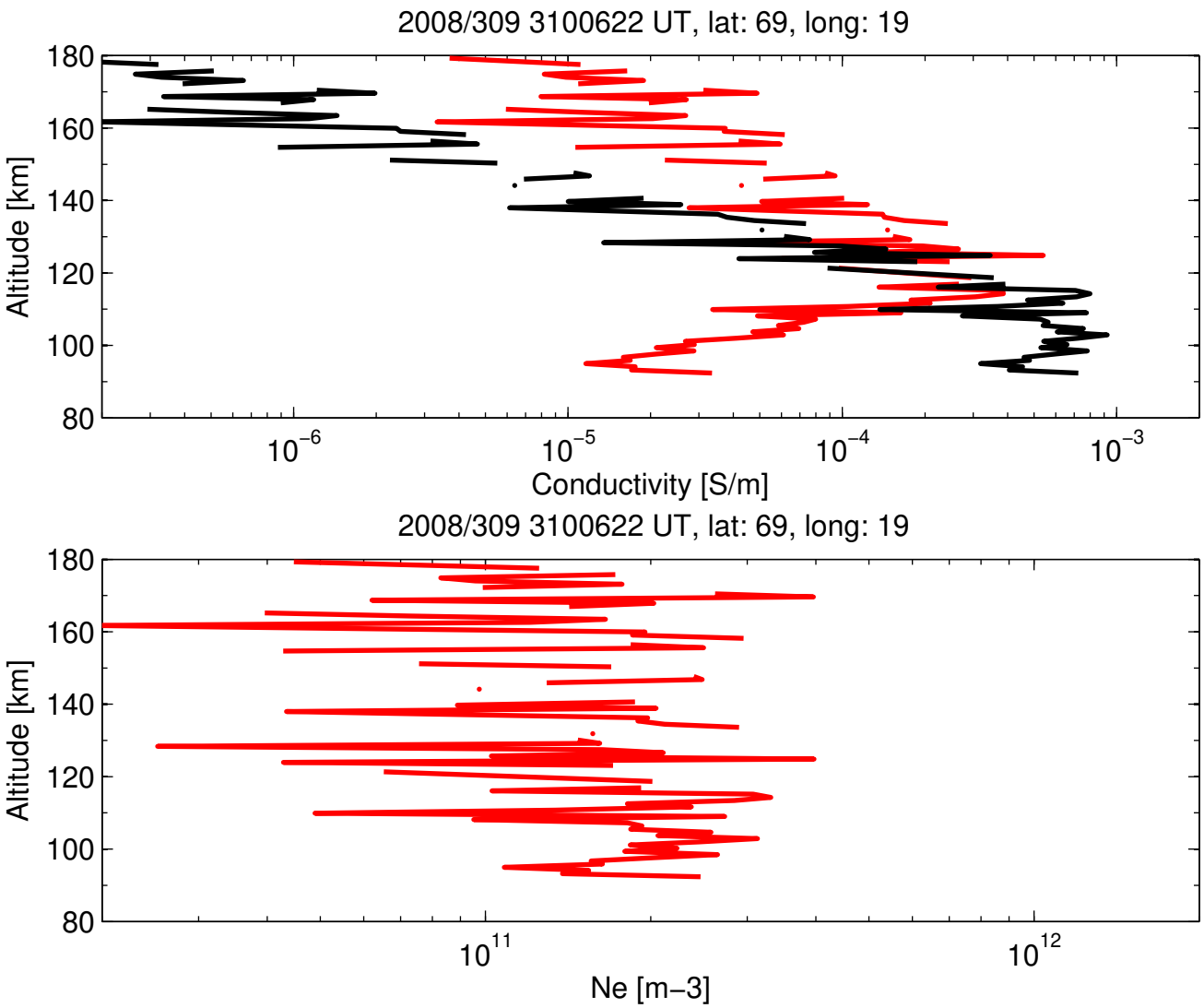
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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80
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10^{12}
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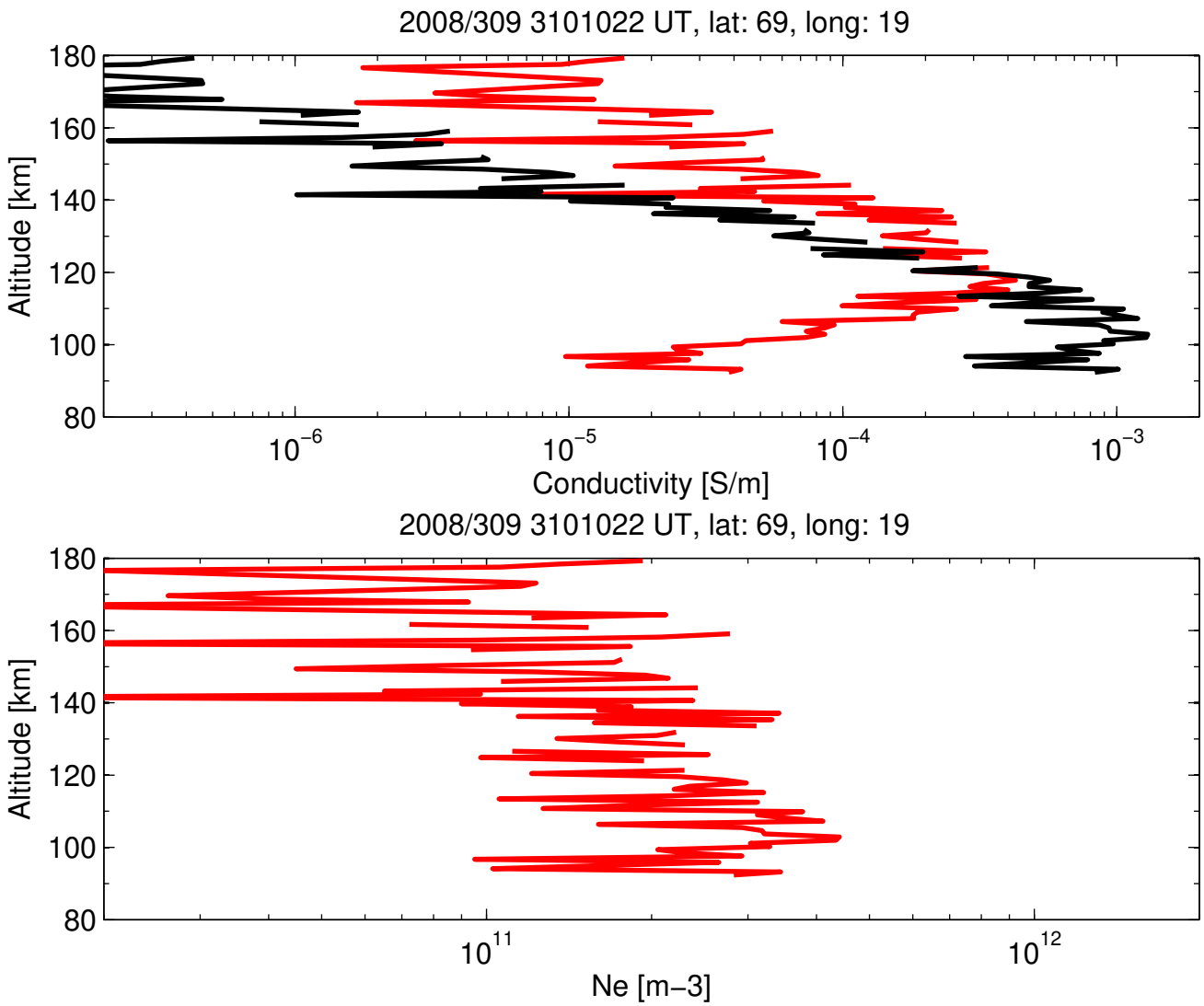
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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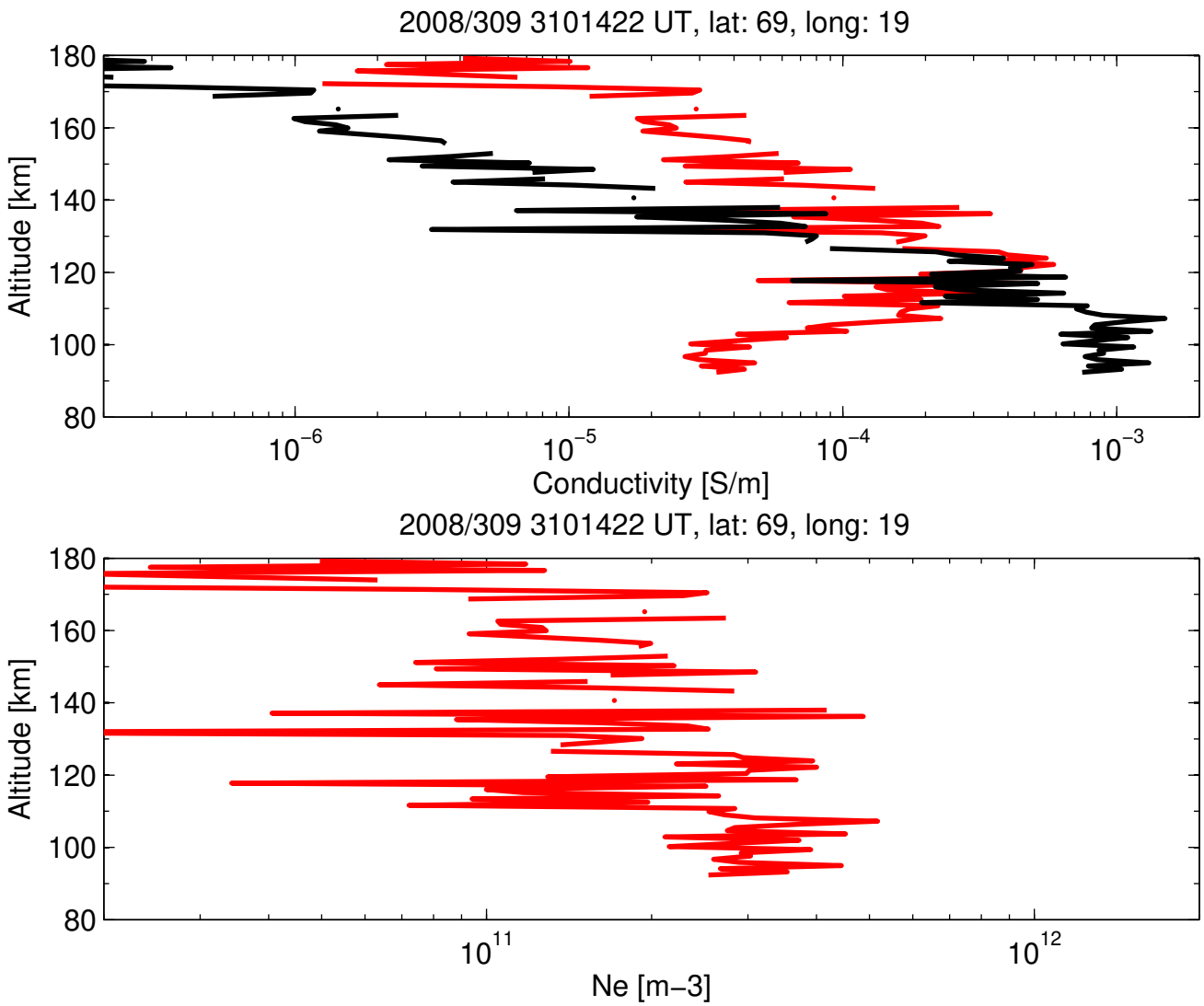
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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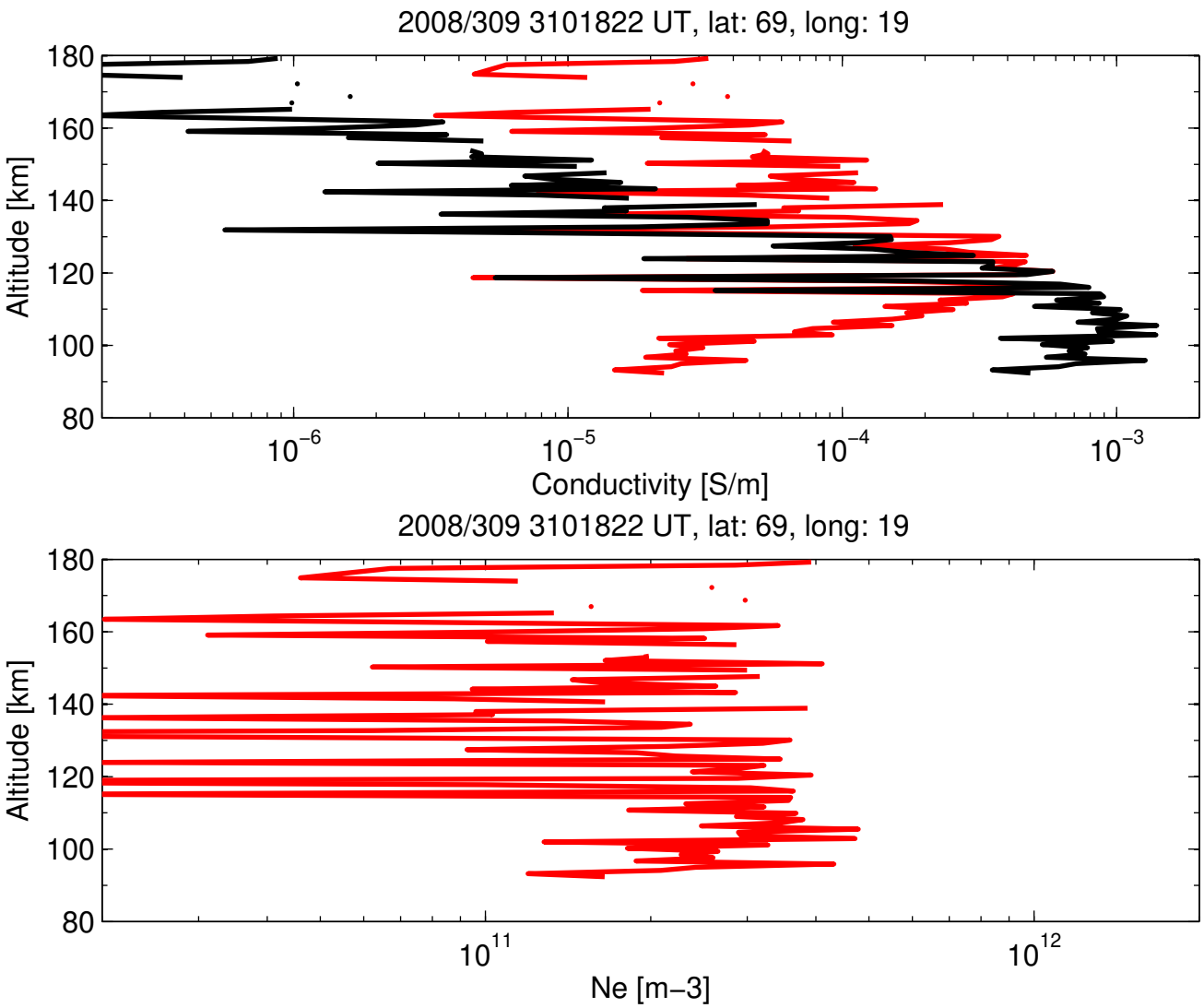
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Altitude [km]
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100
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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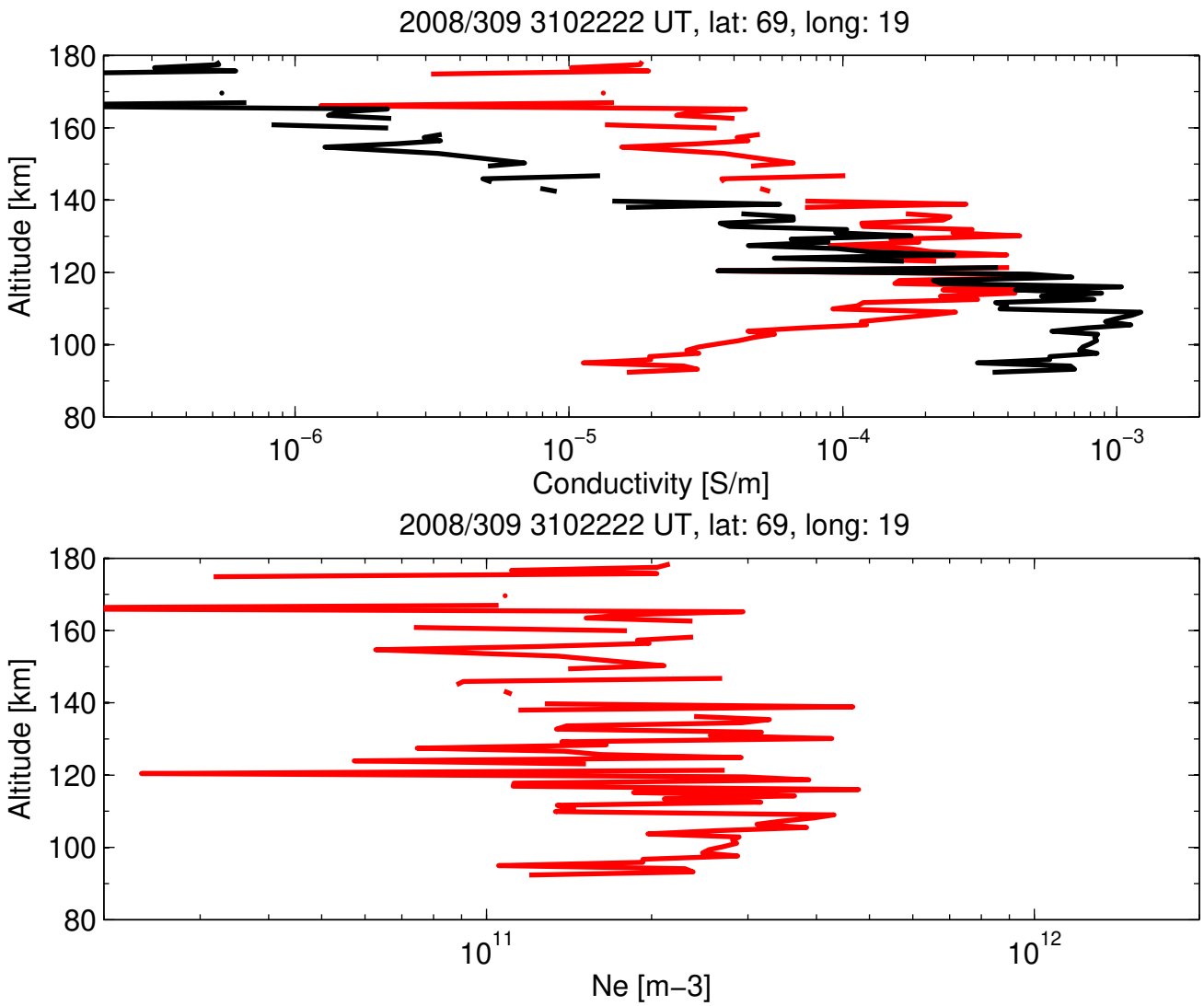
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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80
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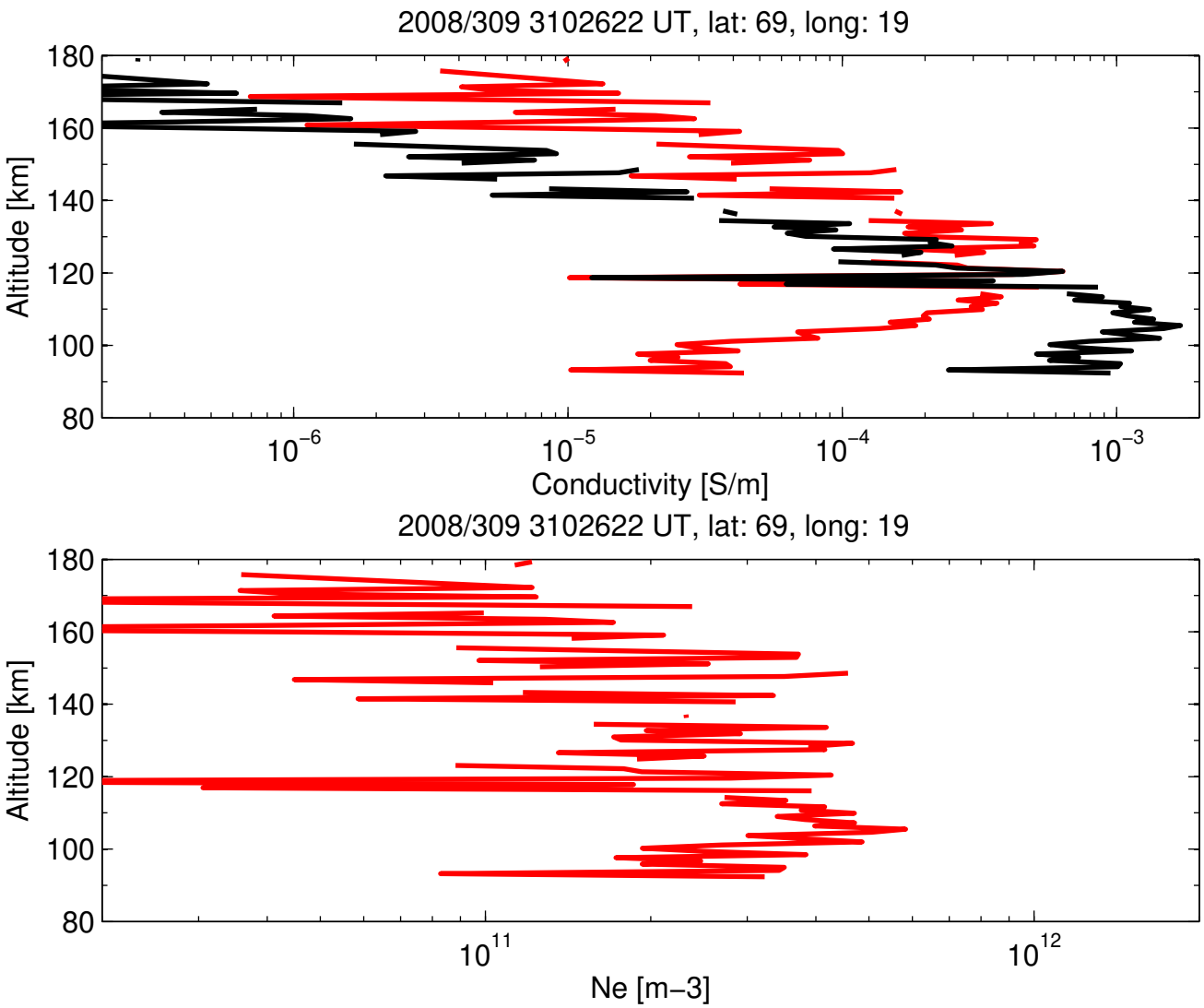
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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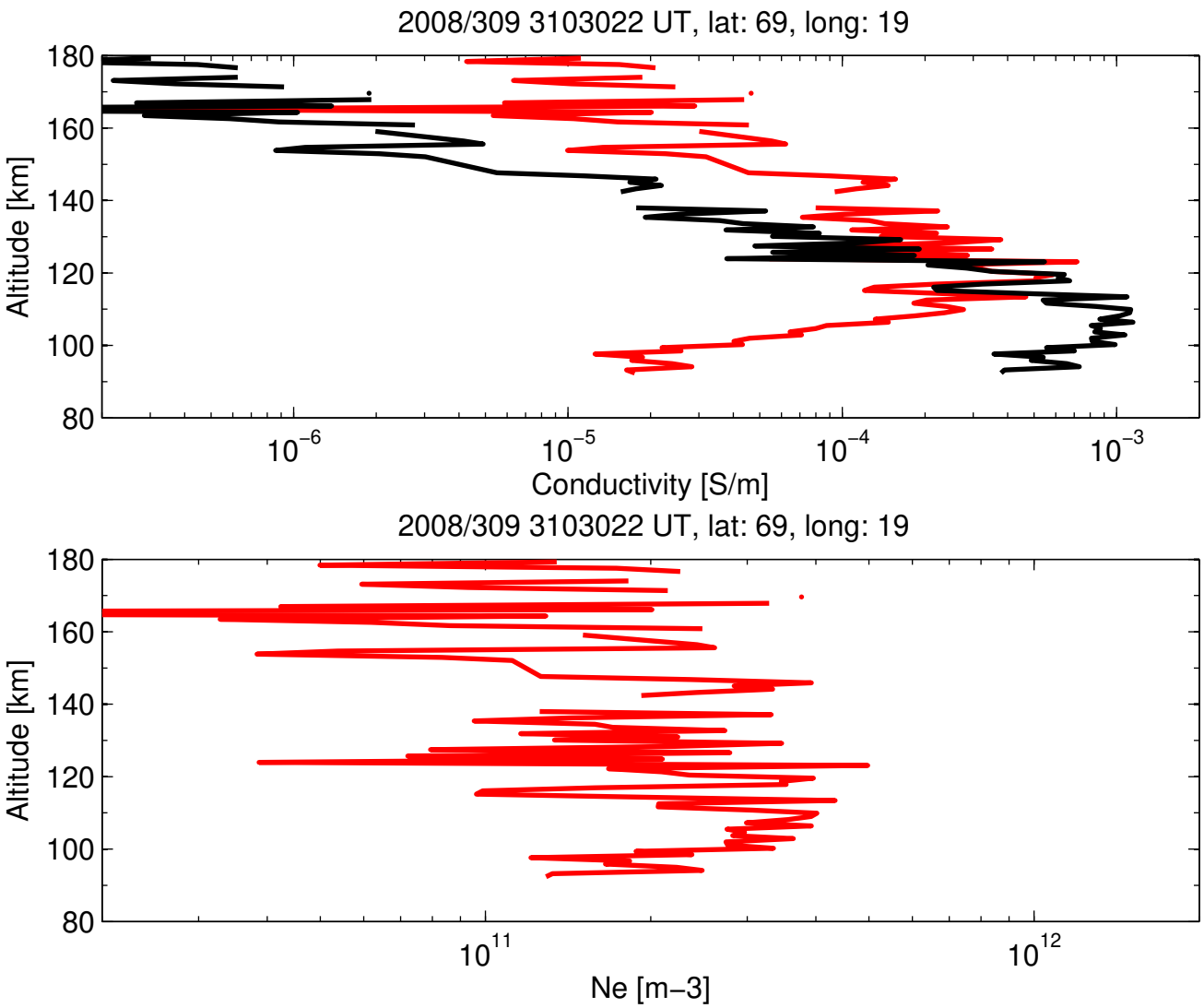
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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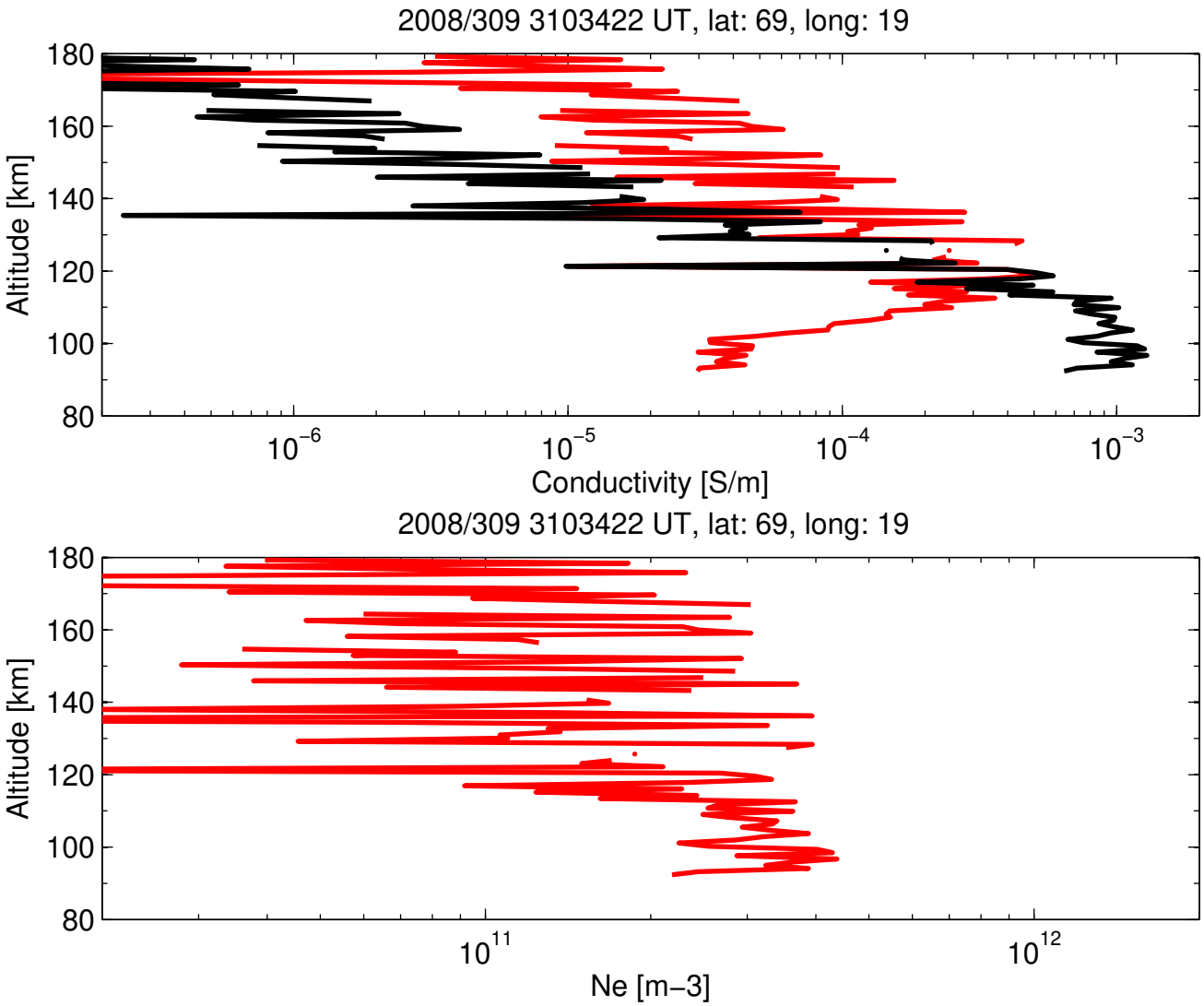
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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160
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120
100
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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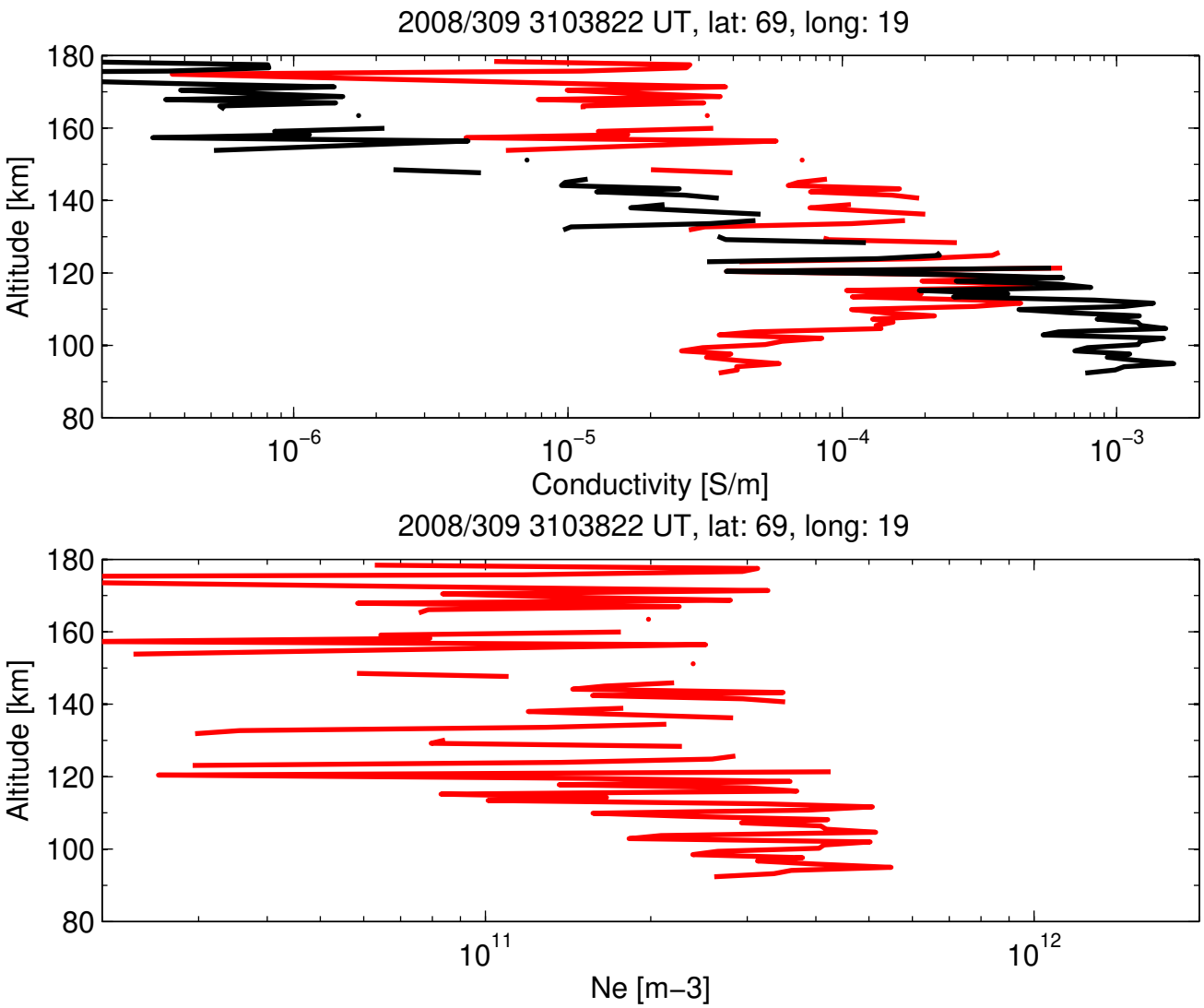
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3103822 UT, lat: 69, long: 19
Altitude [km]
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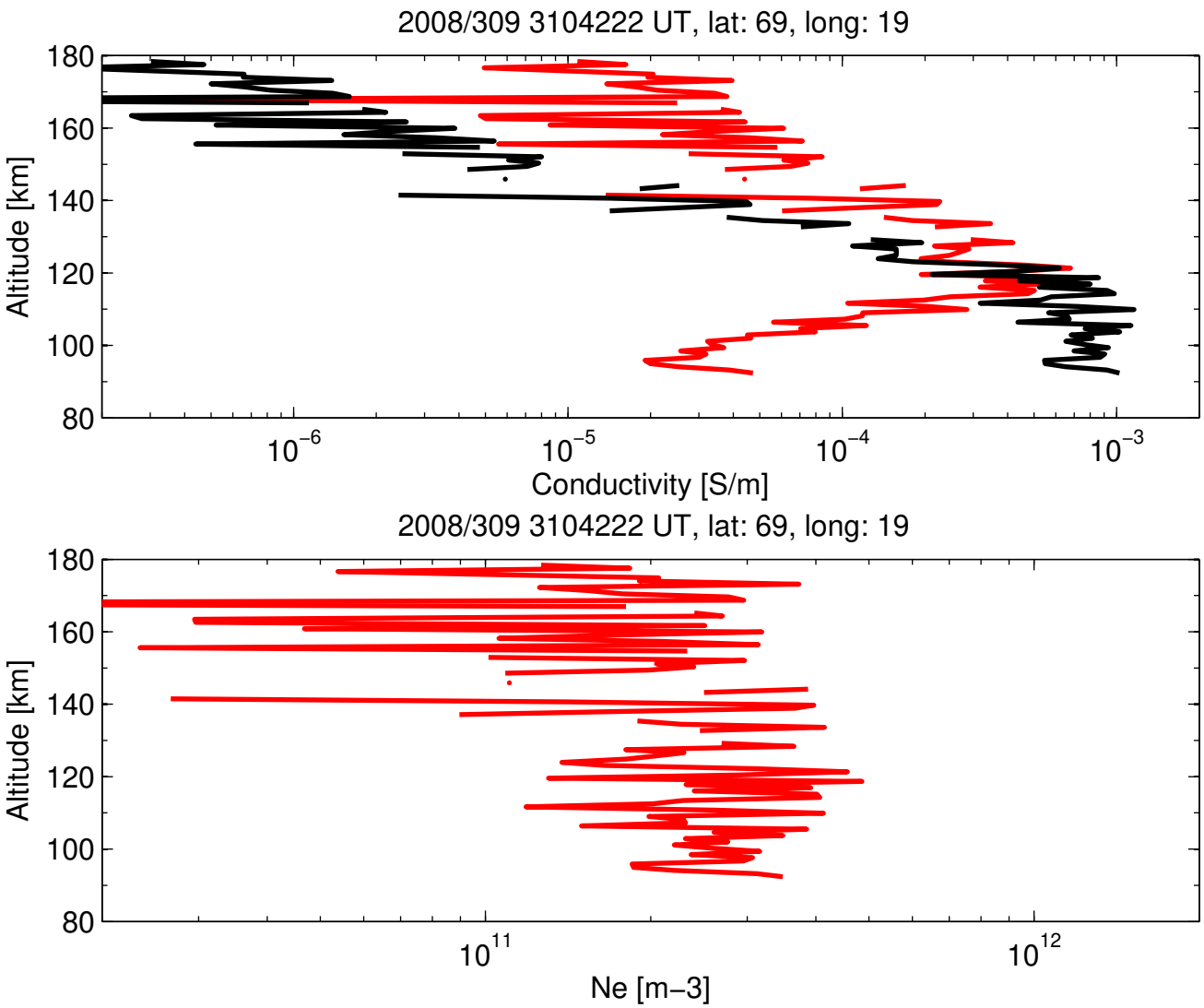
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3104222 UT, lat: 69, long: 19
Altitude [km]
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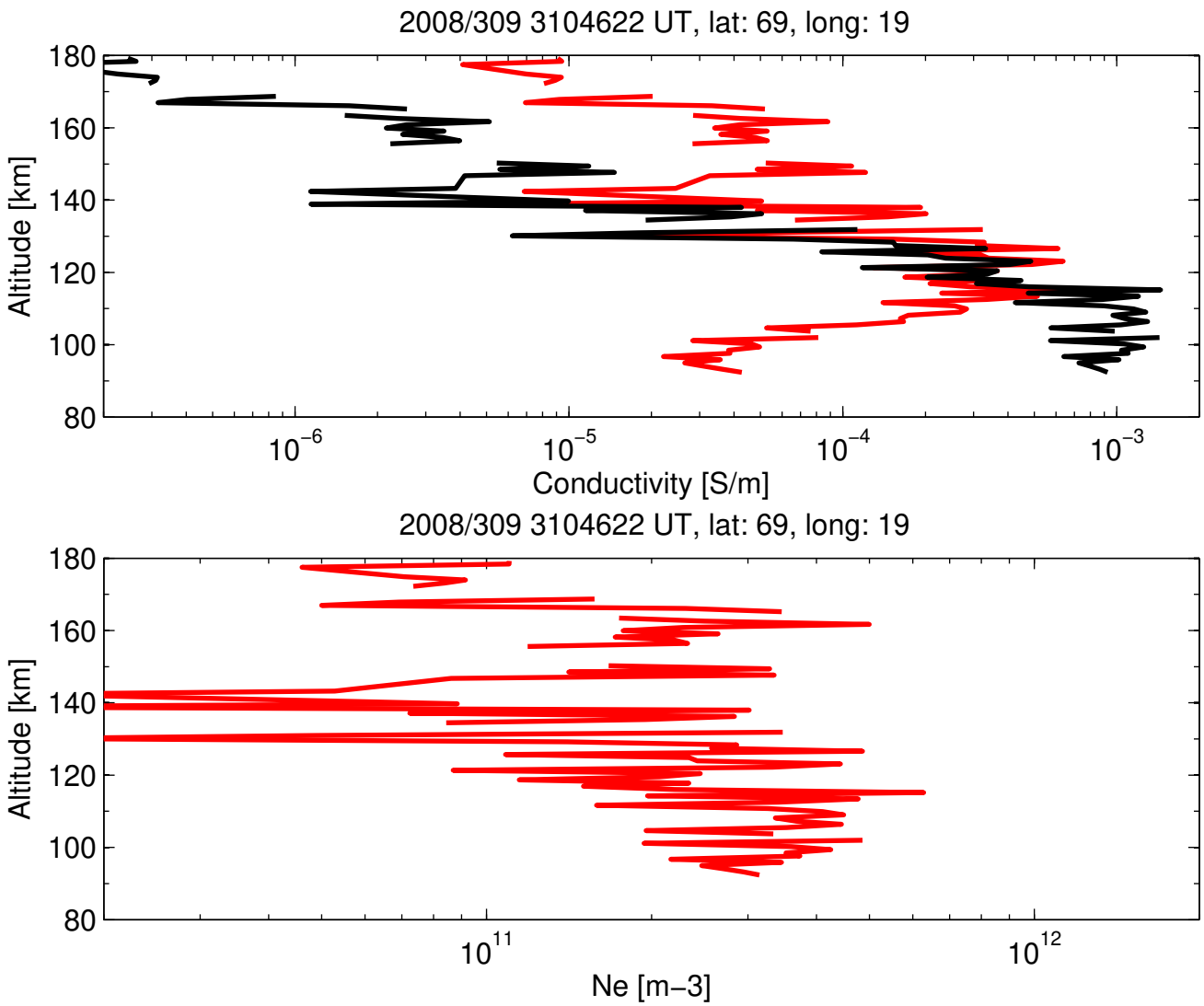
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3104622 UT, lat: 69, long: 19
Altitude [km]
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120
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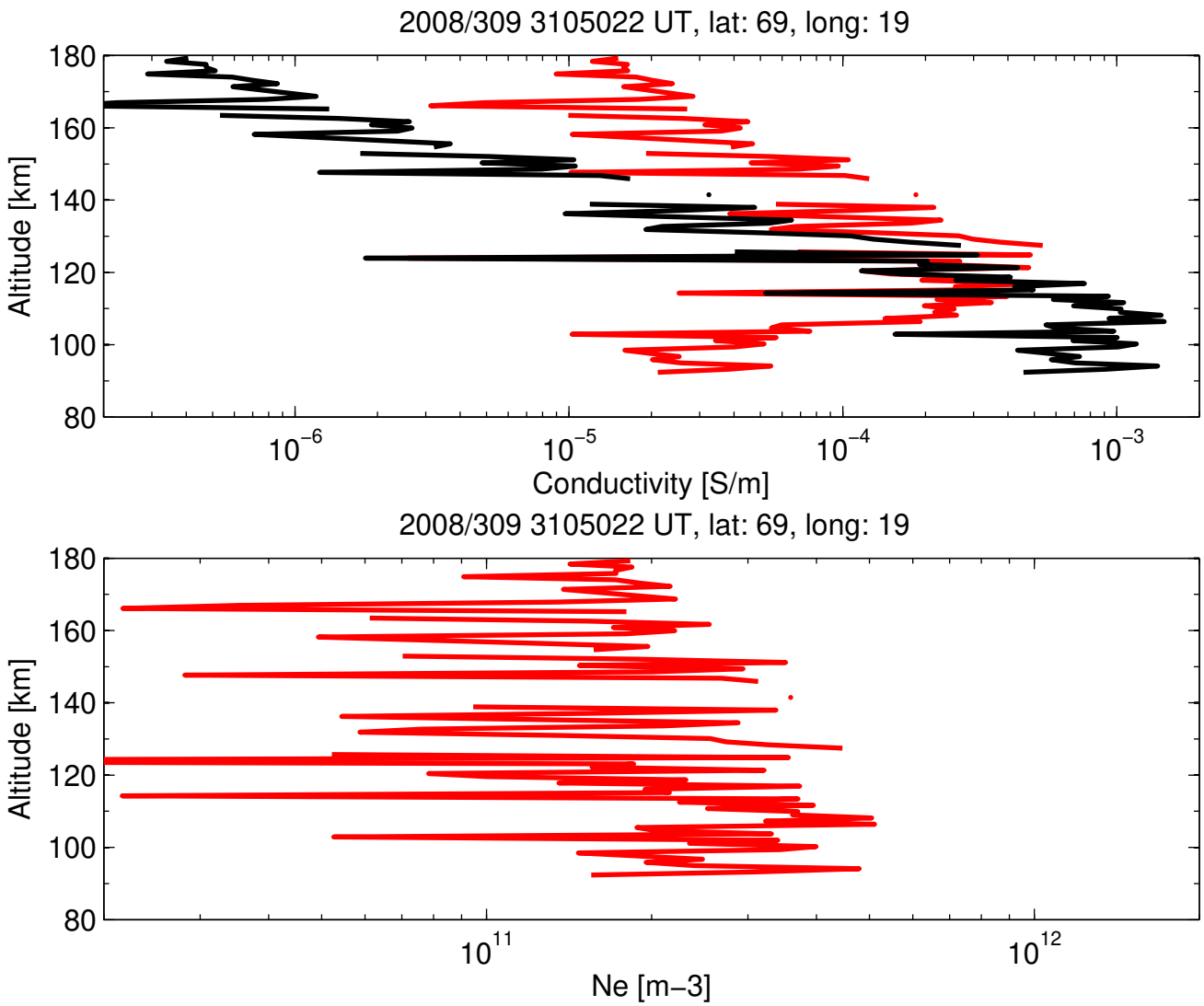
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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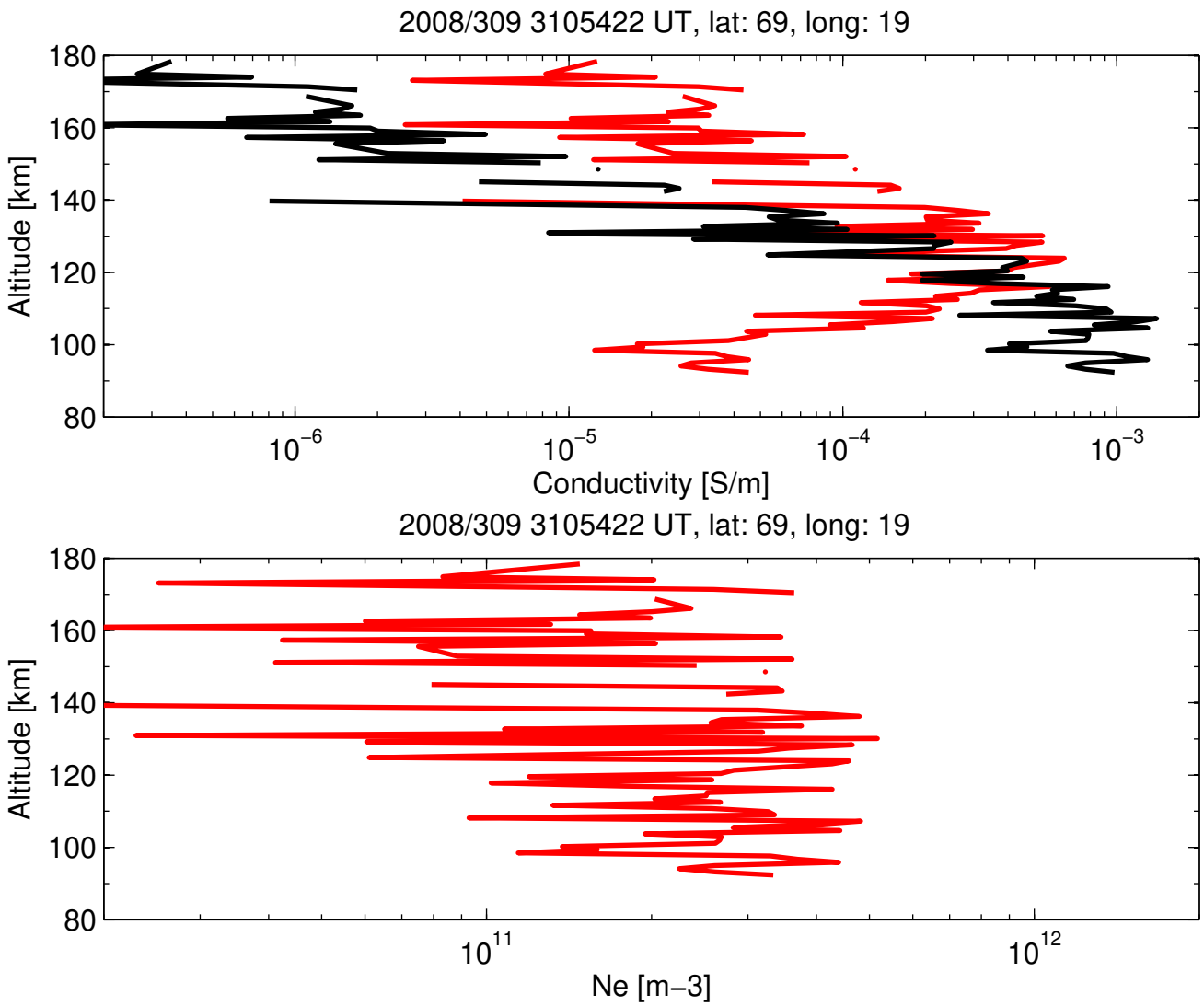
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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160
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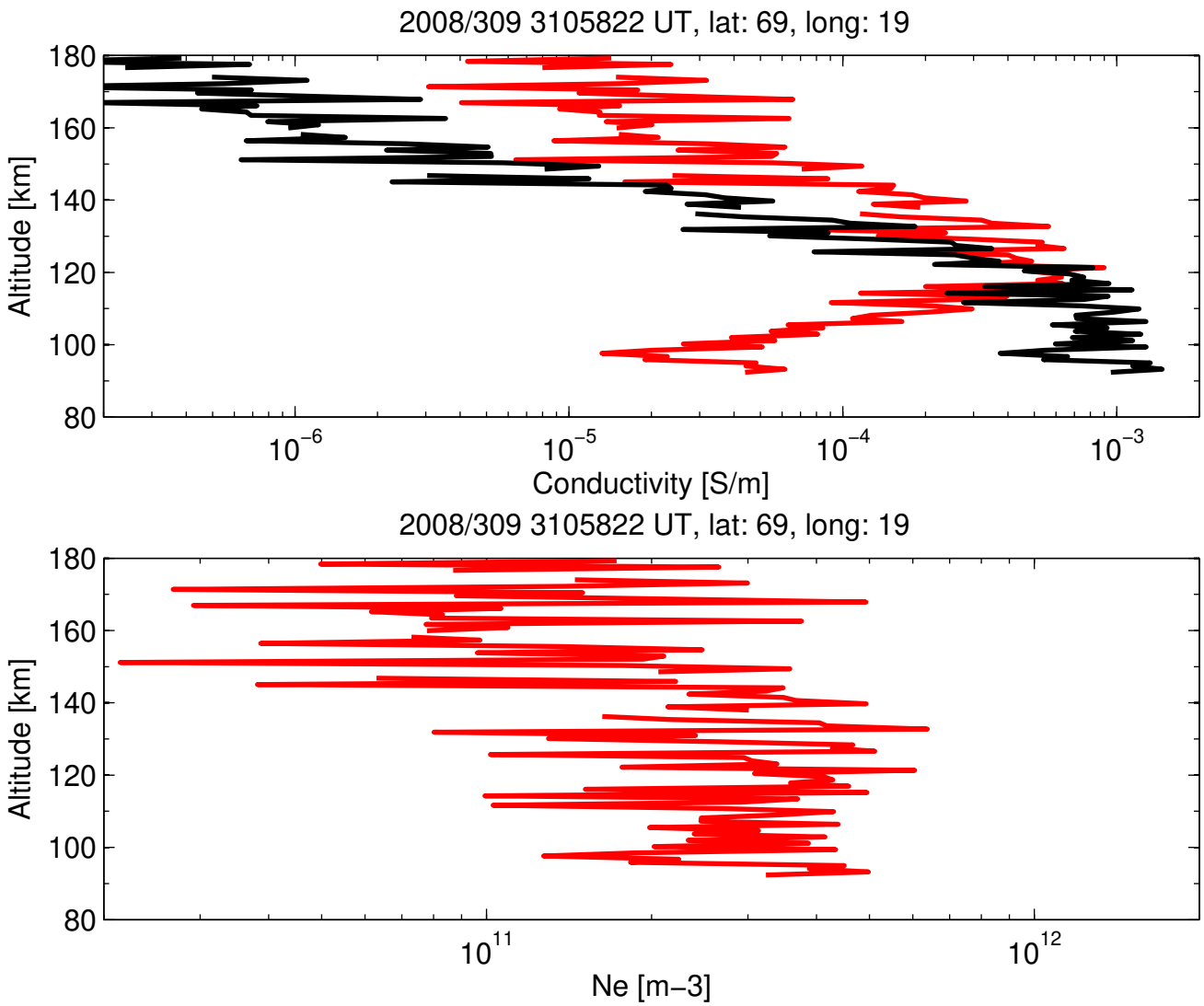
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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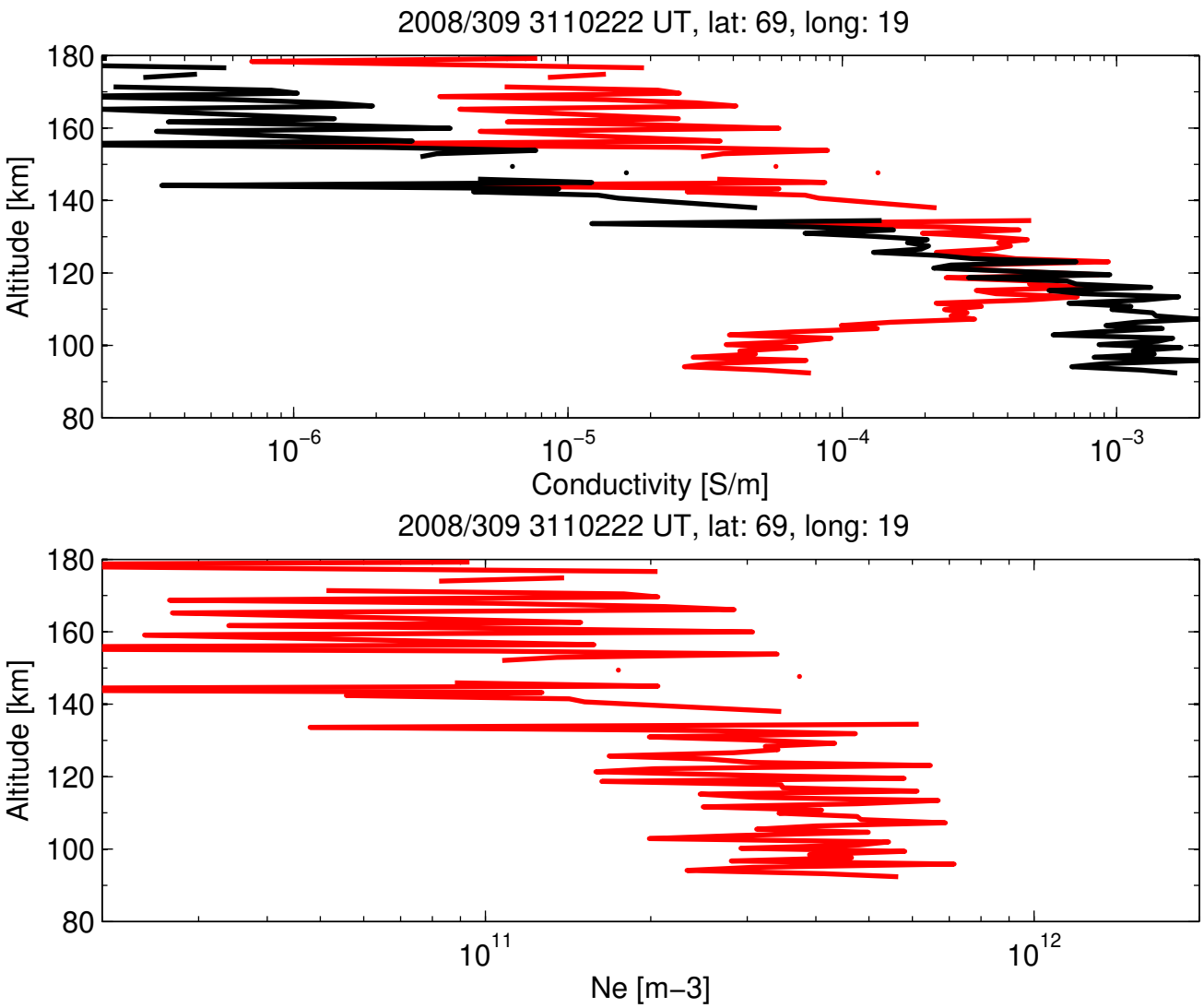
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3110222 UT, lat: 69, long: 19
Altitude [km]
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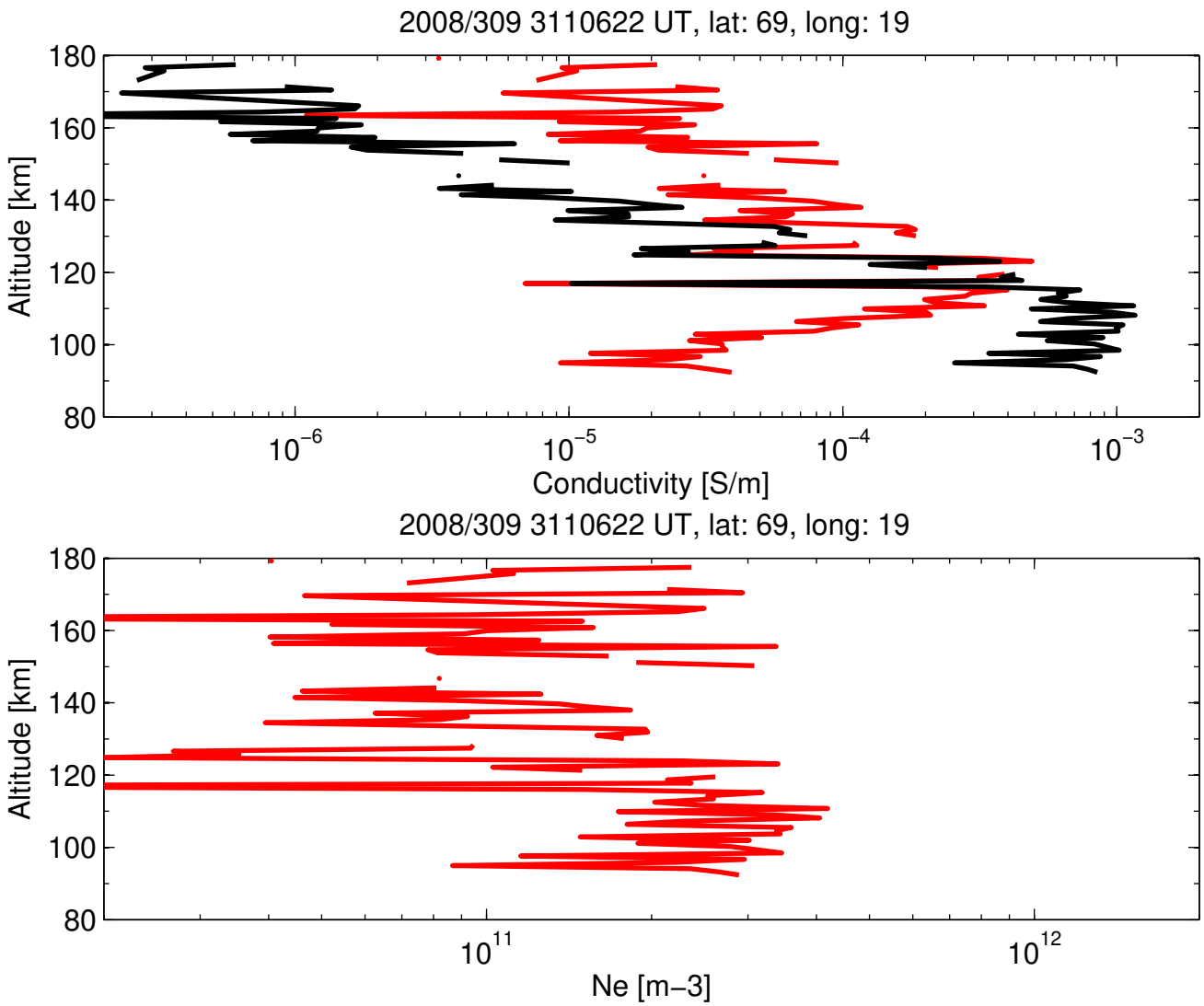
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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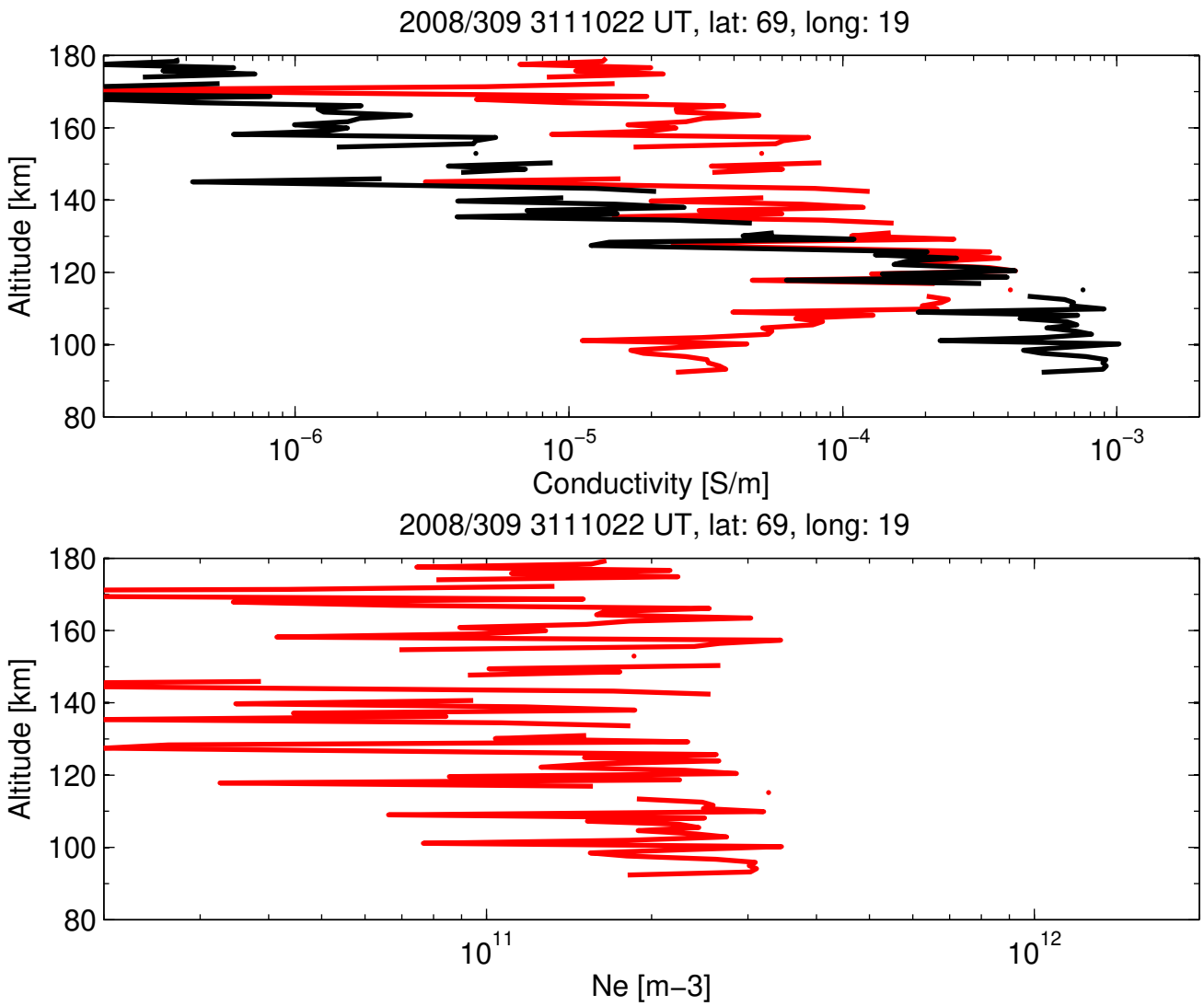
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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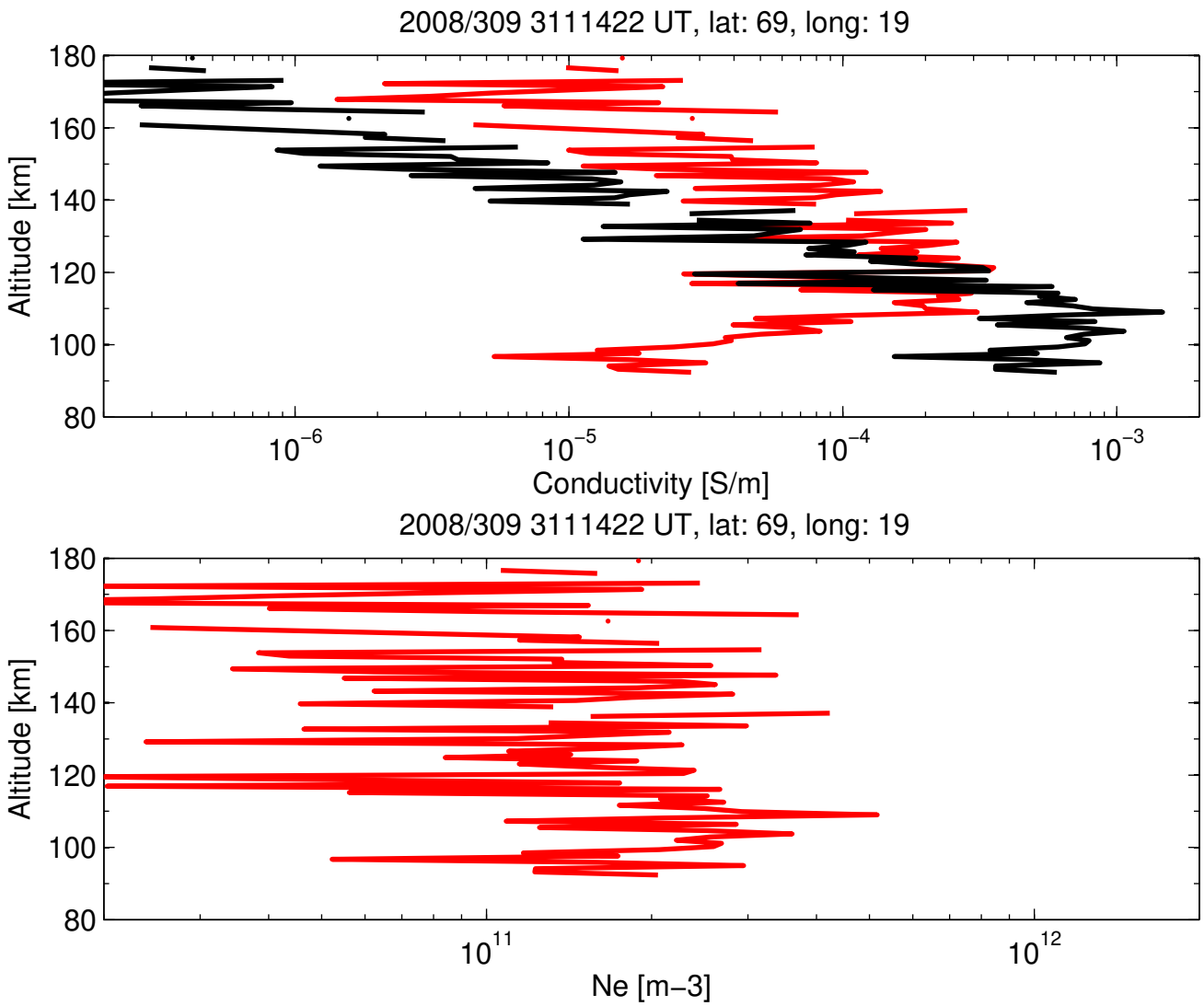
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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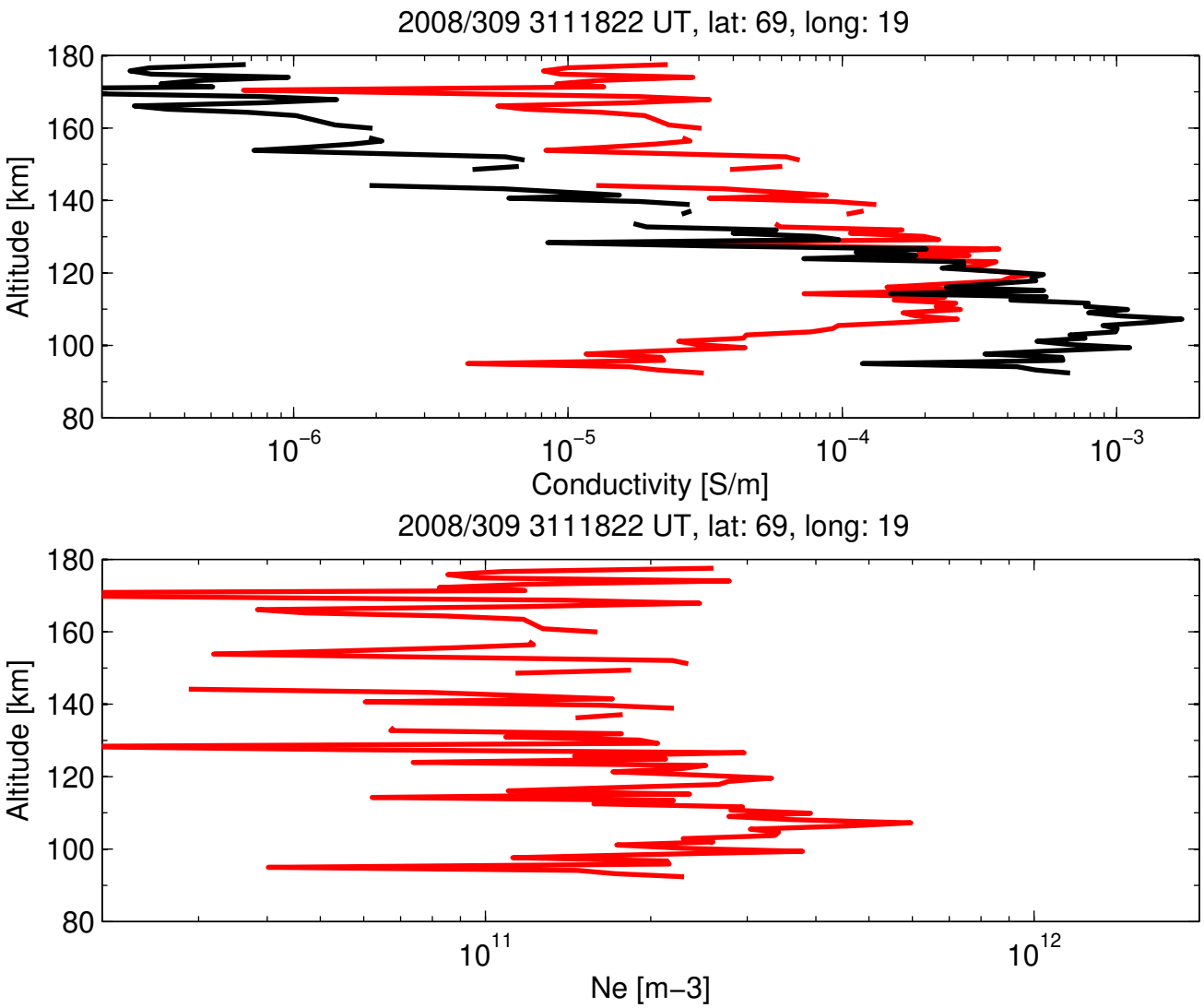
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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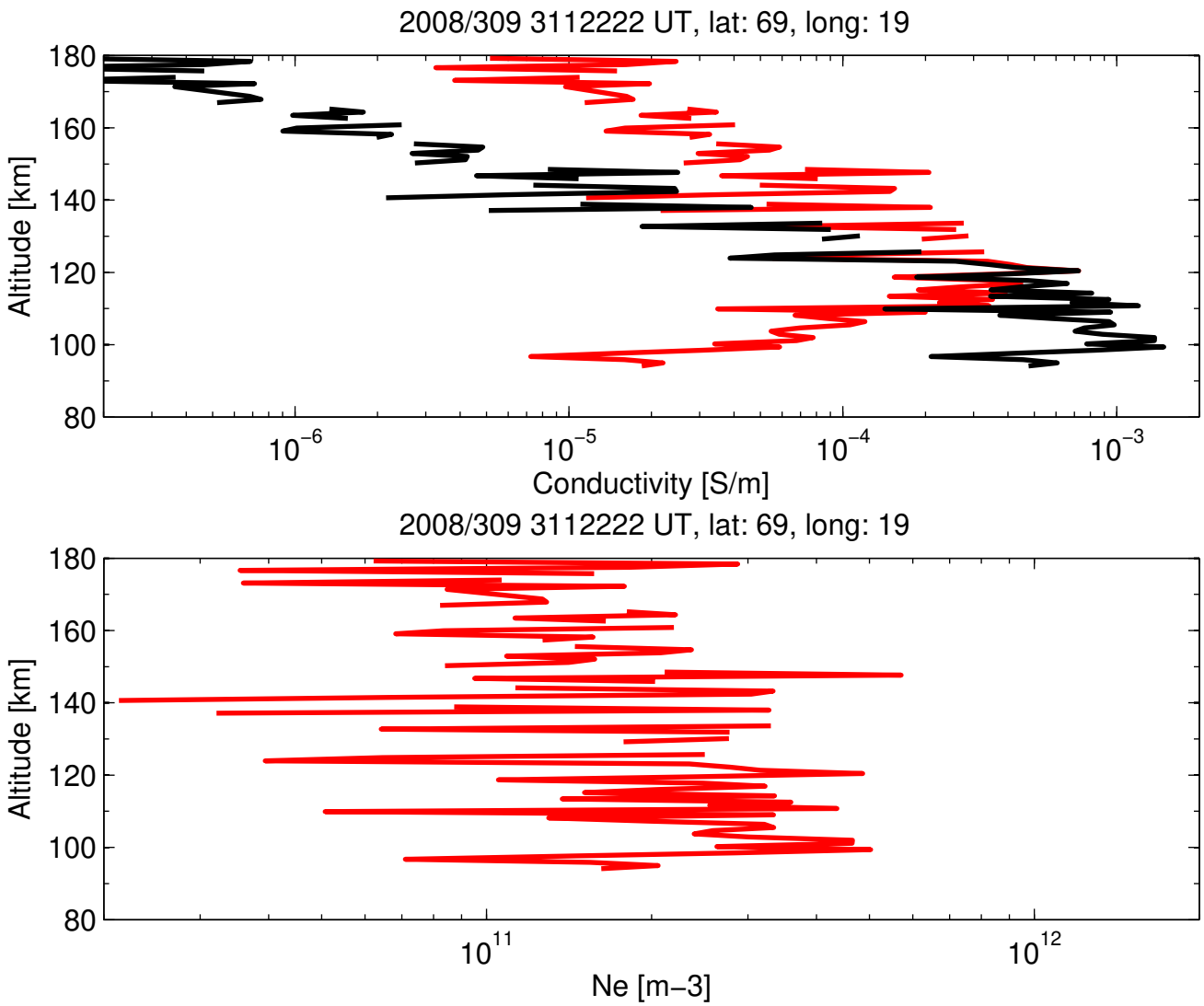
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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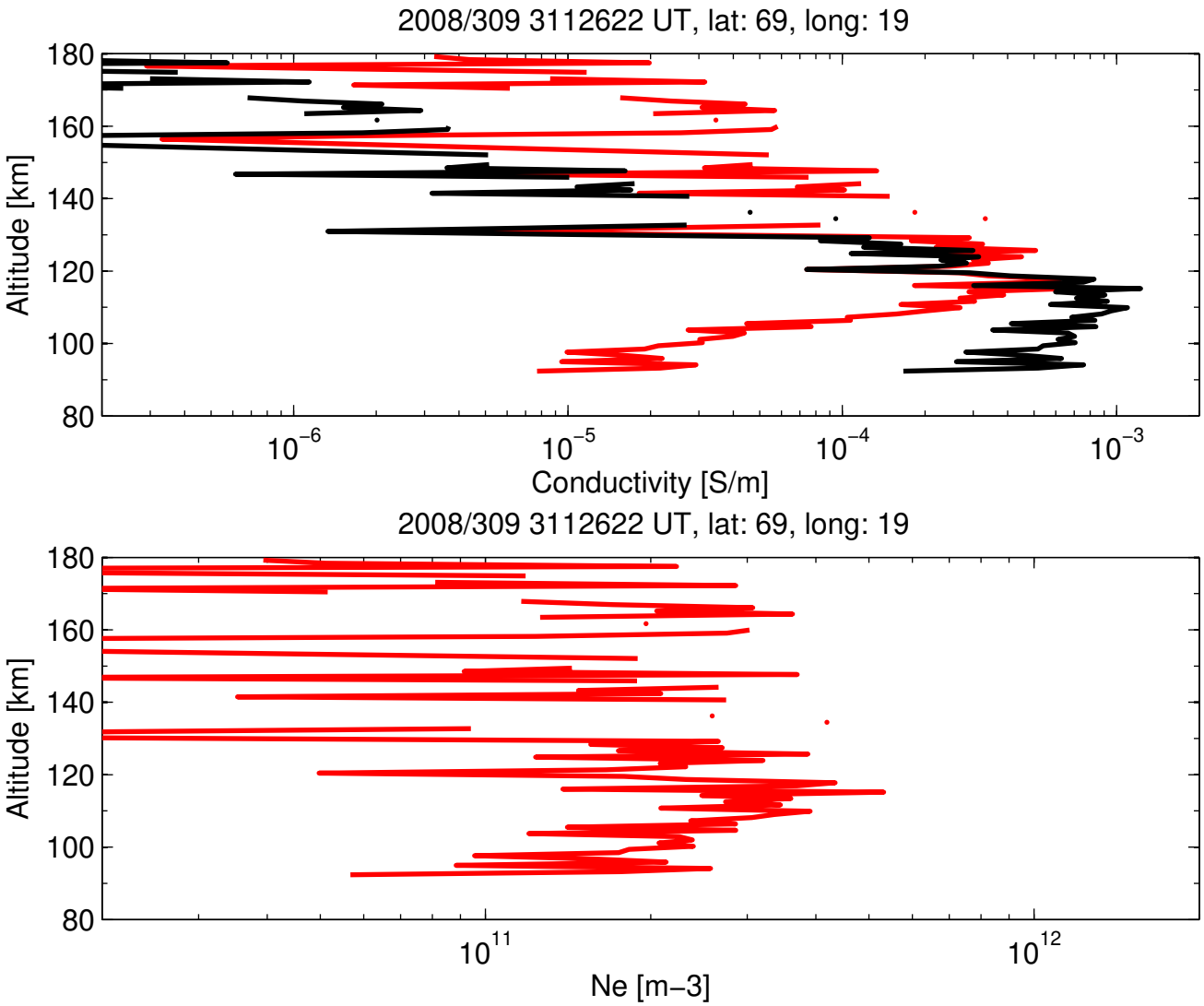
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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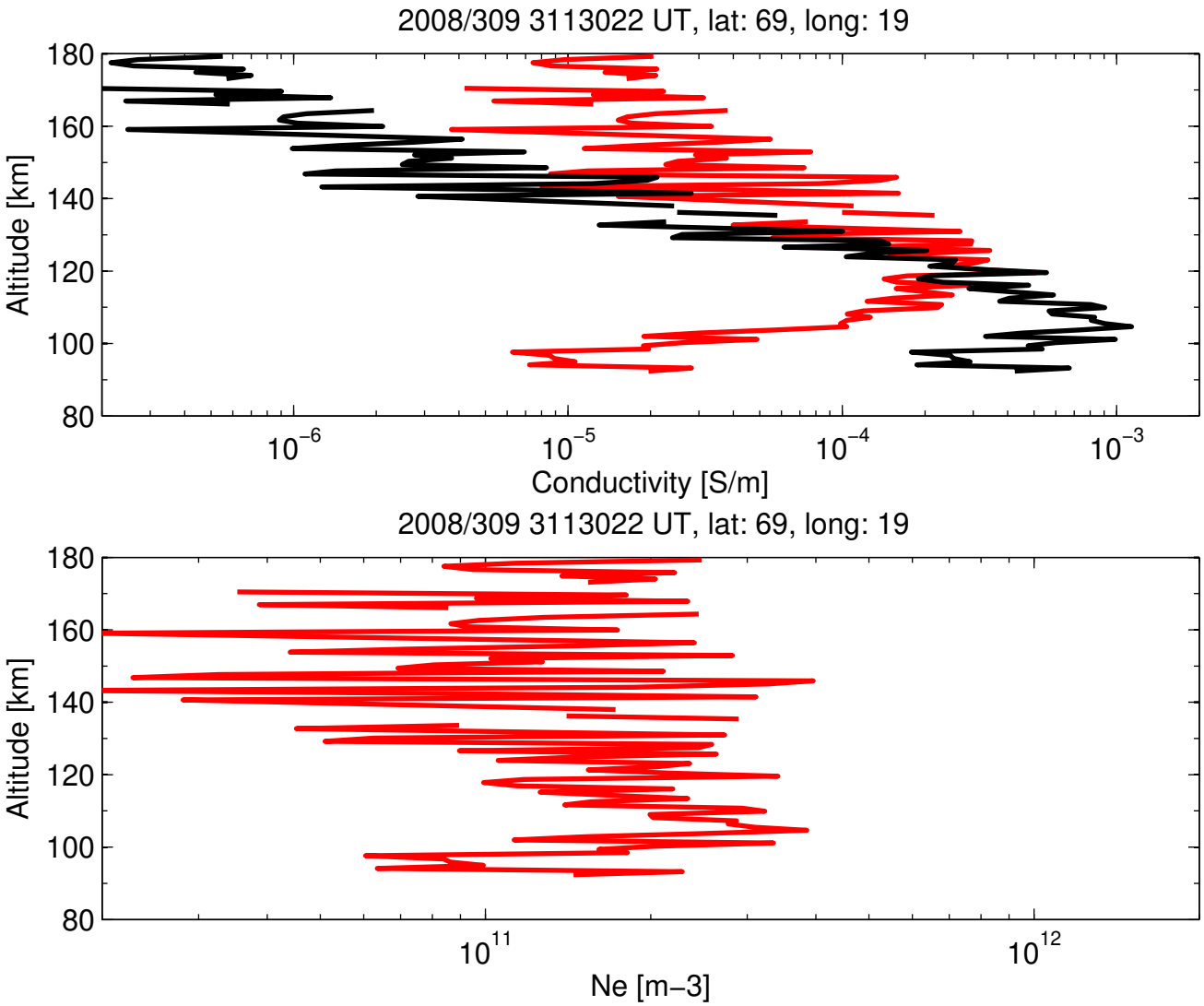
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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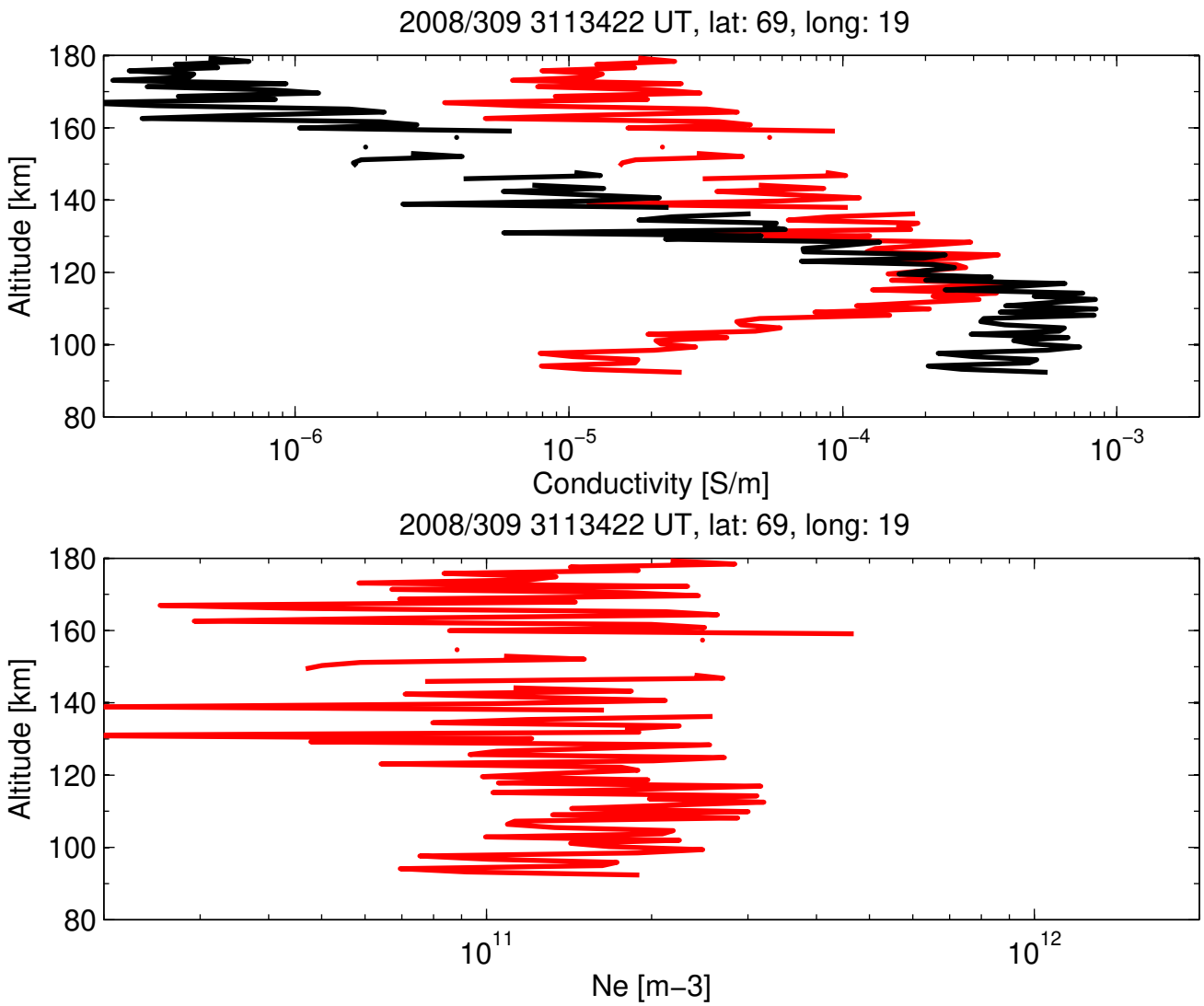
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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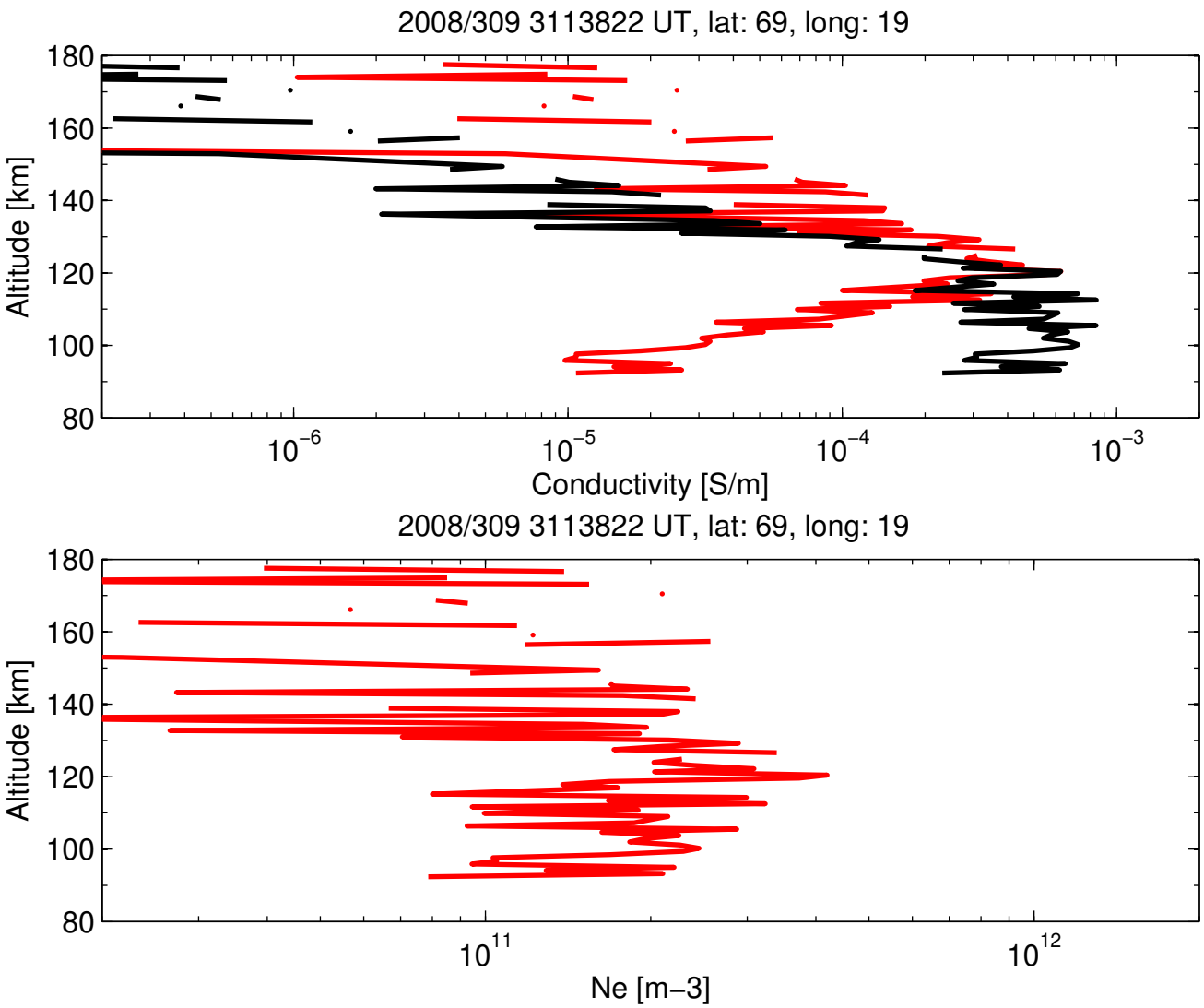
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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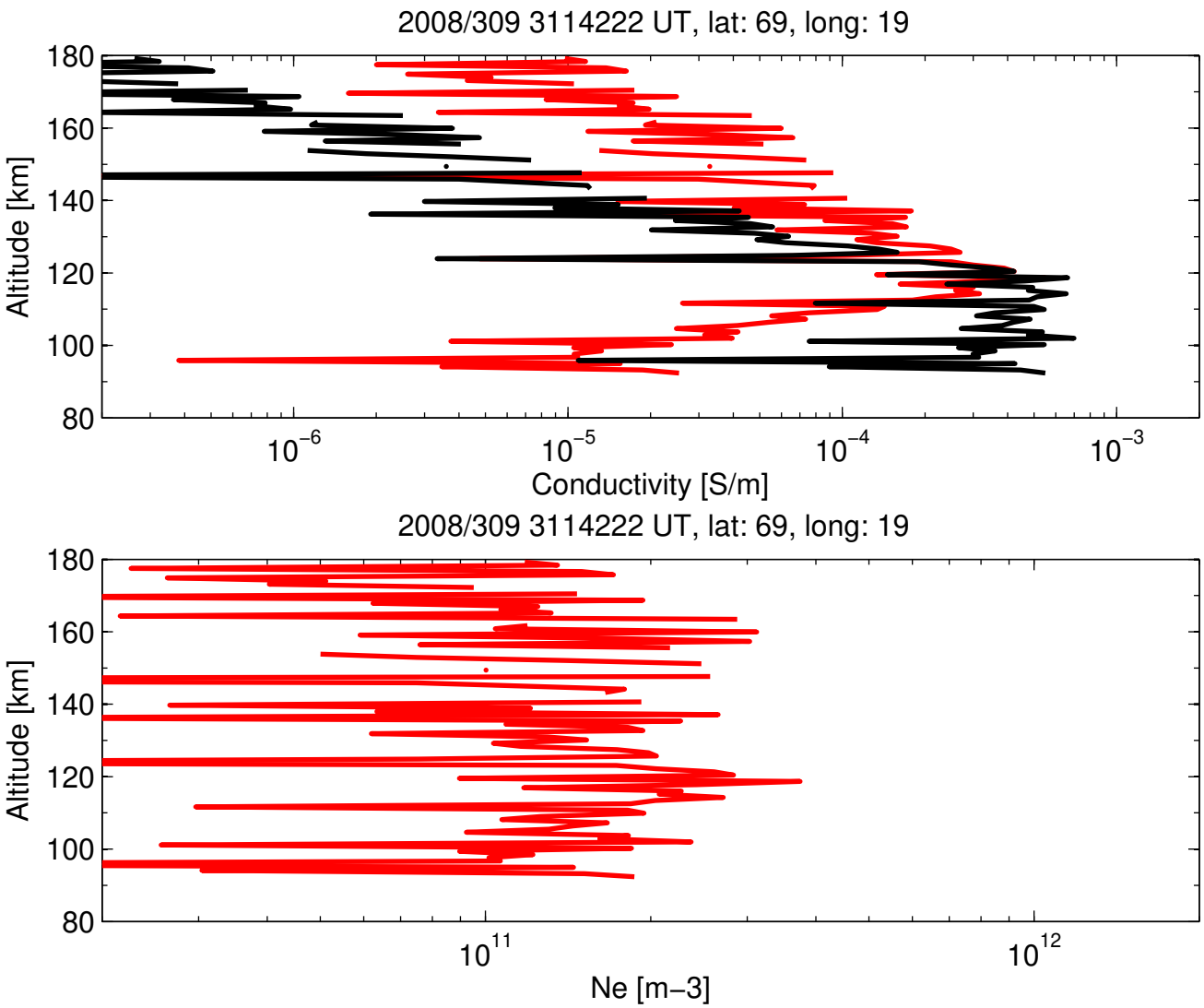
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
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Conductivity [S/m]
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Altitude [km]
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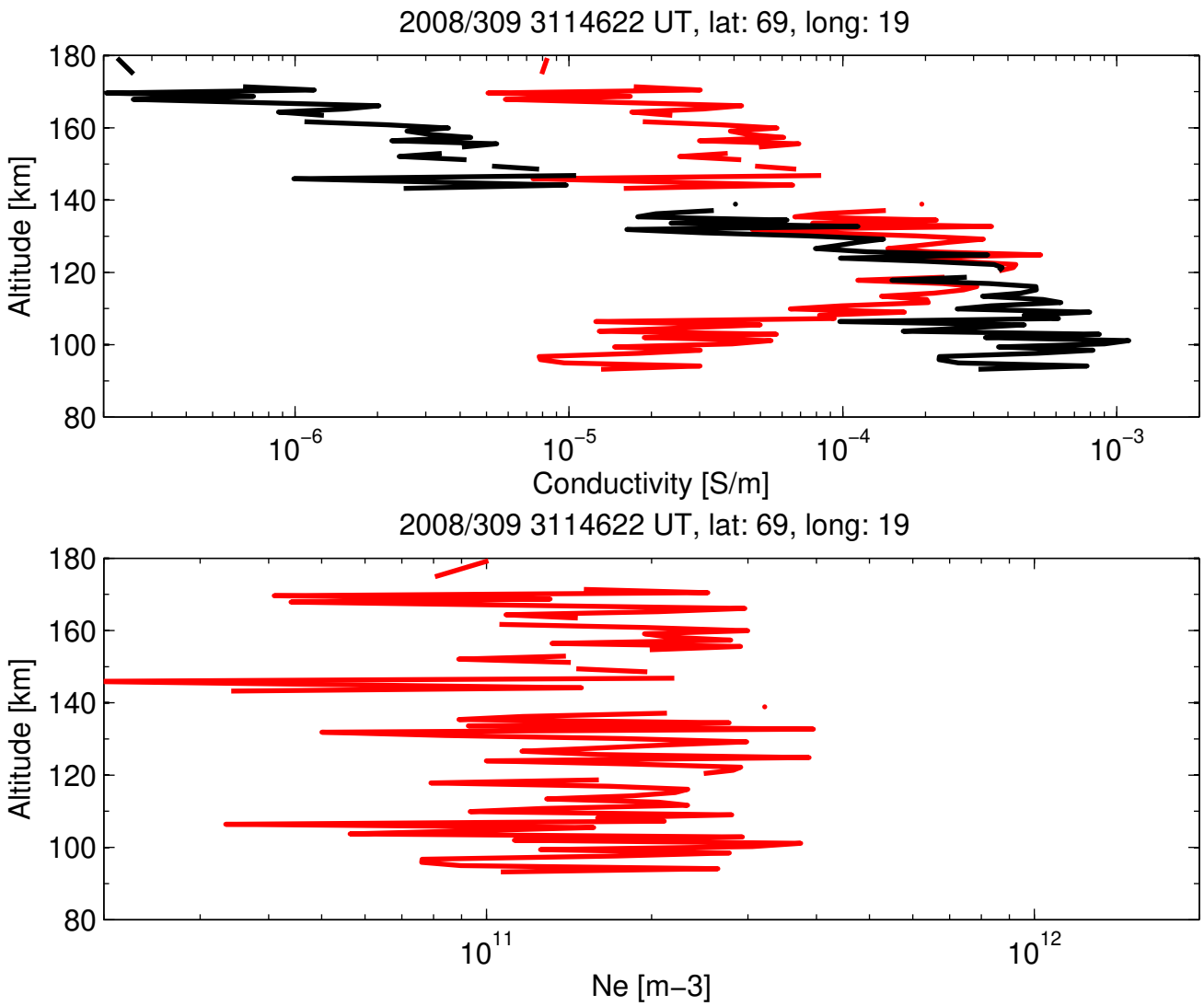
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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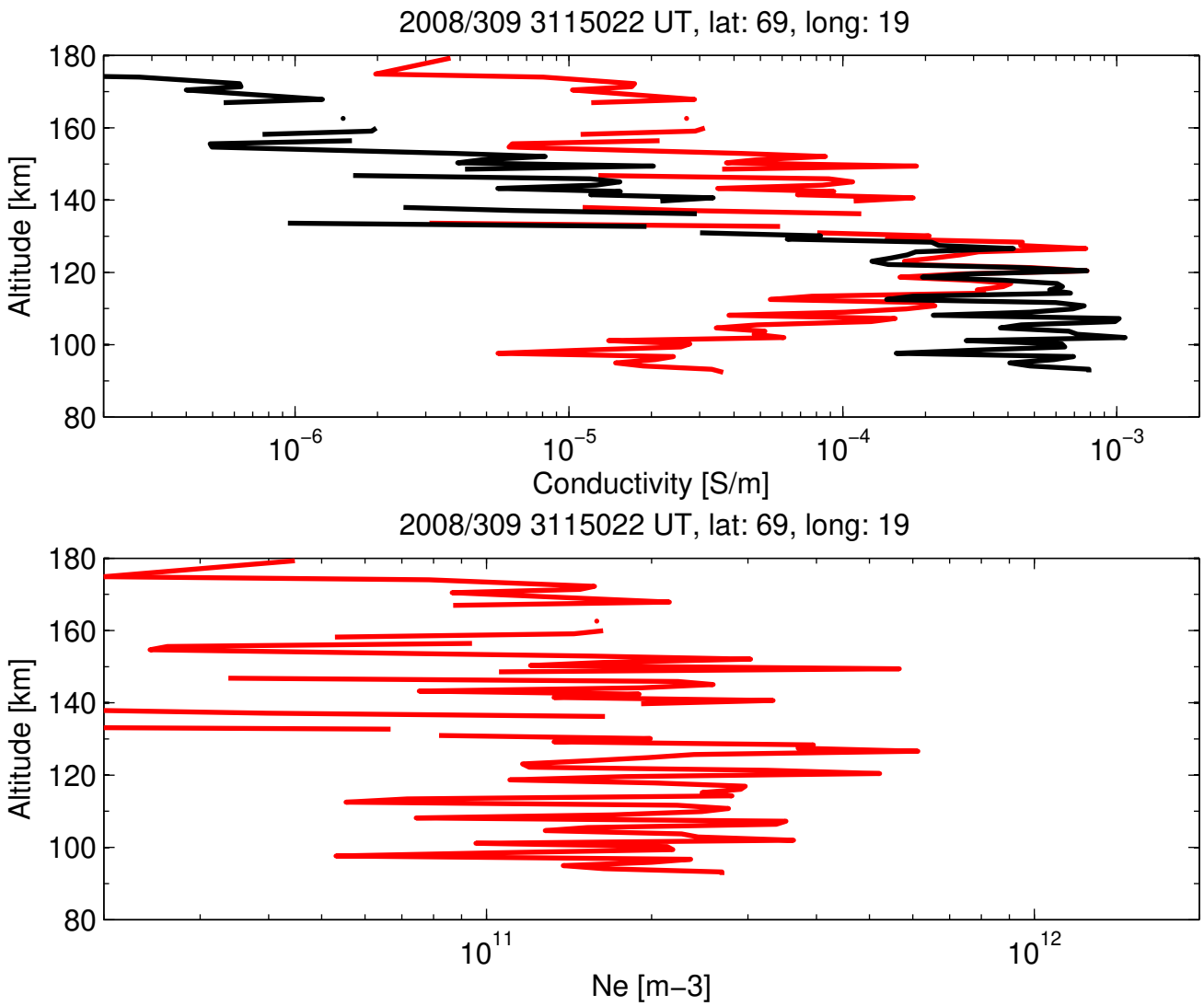
10^{12}
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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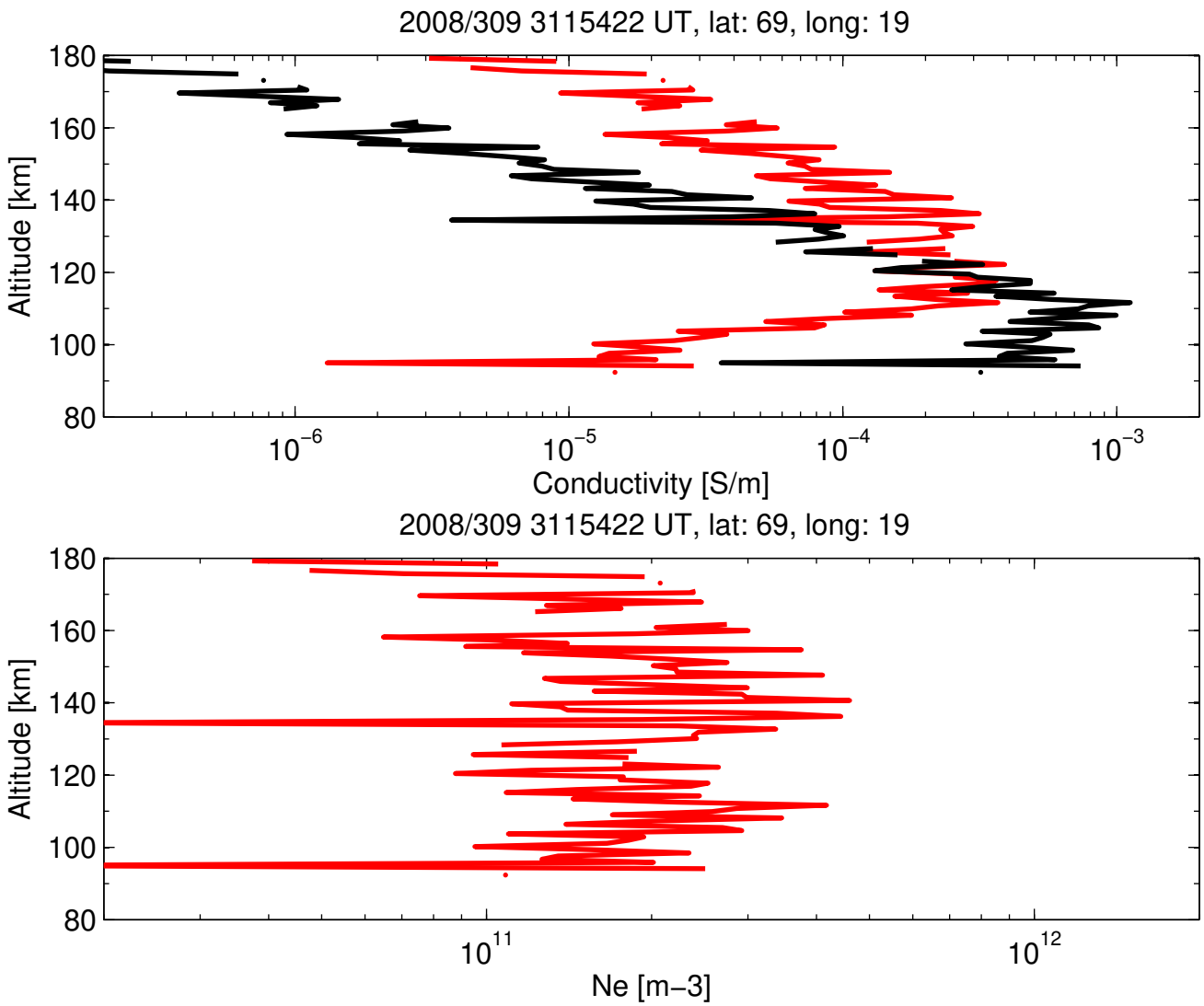
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3115422 UT, lat: 69, long: 19
Altitude [km]
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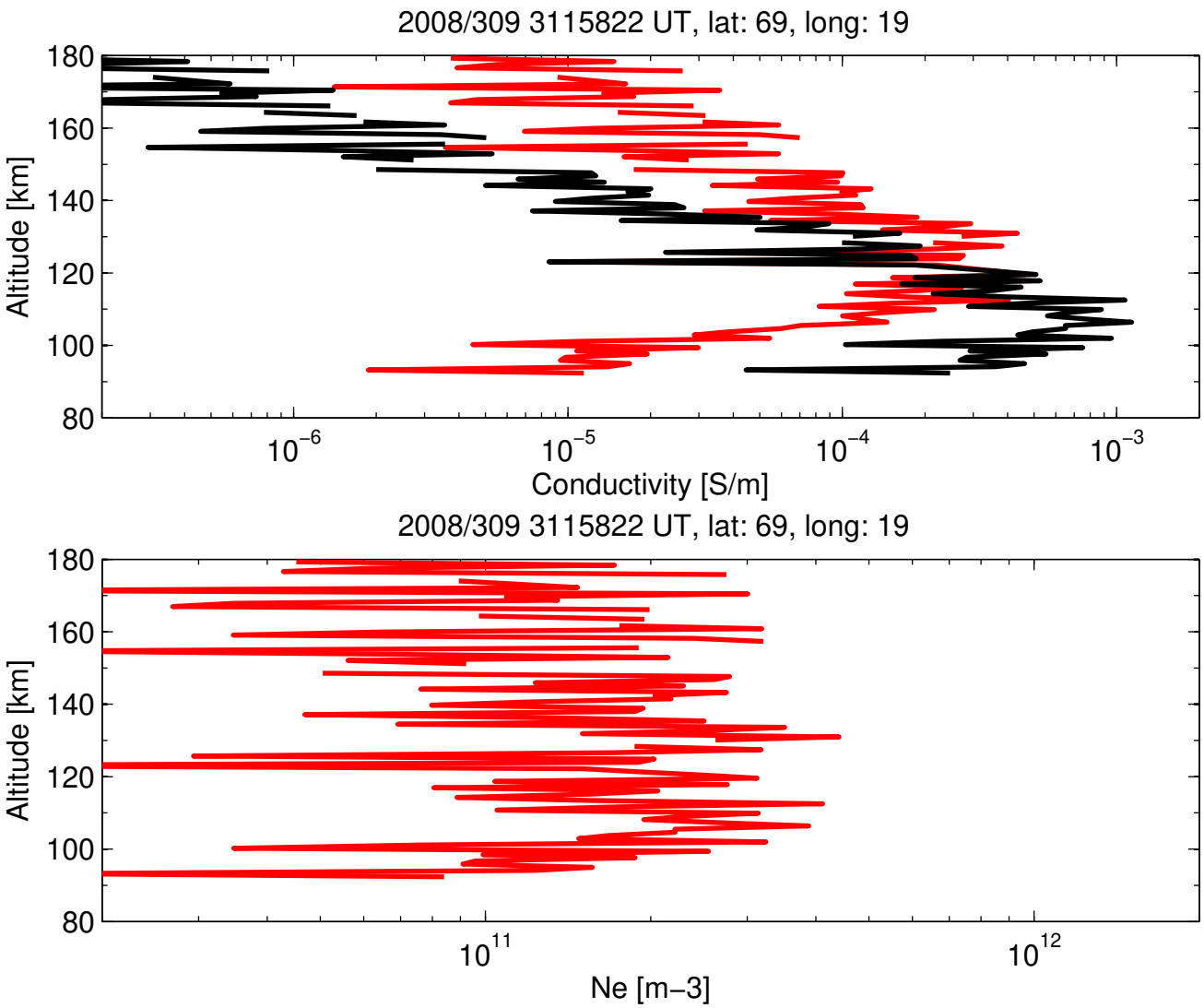
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3115822 UT, lat: 69, long: 19
Altitude [km]
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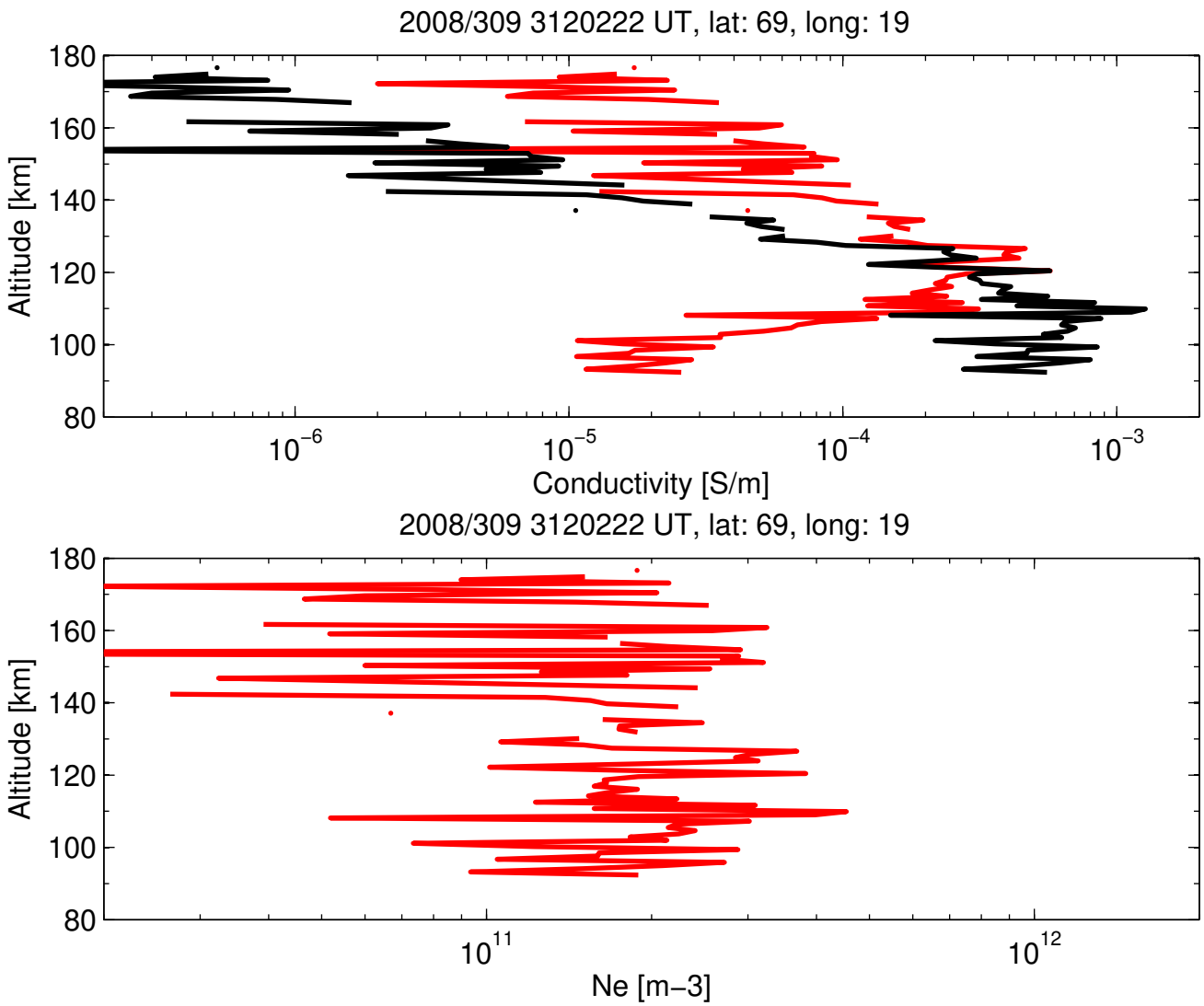
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3120222 UT, lat: 69, long: 19
Altitude [km]
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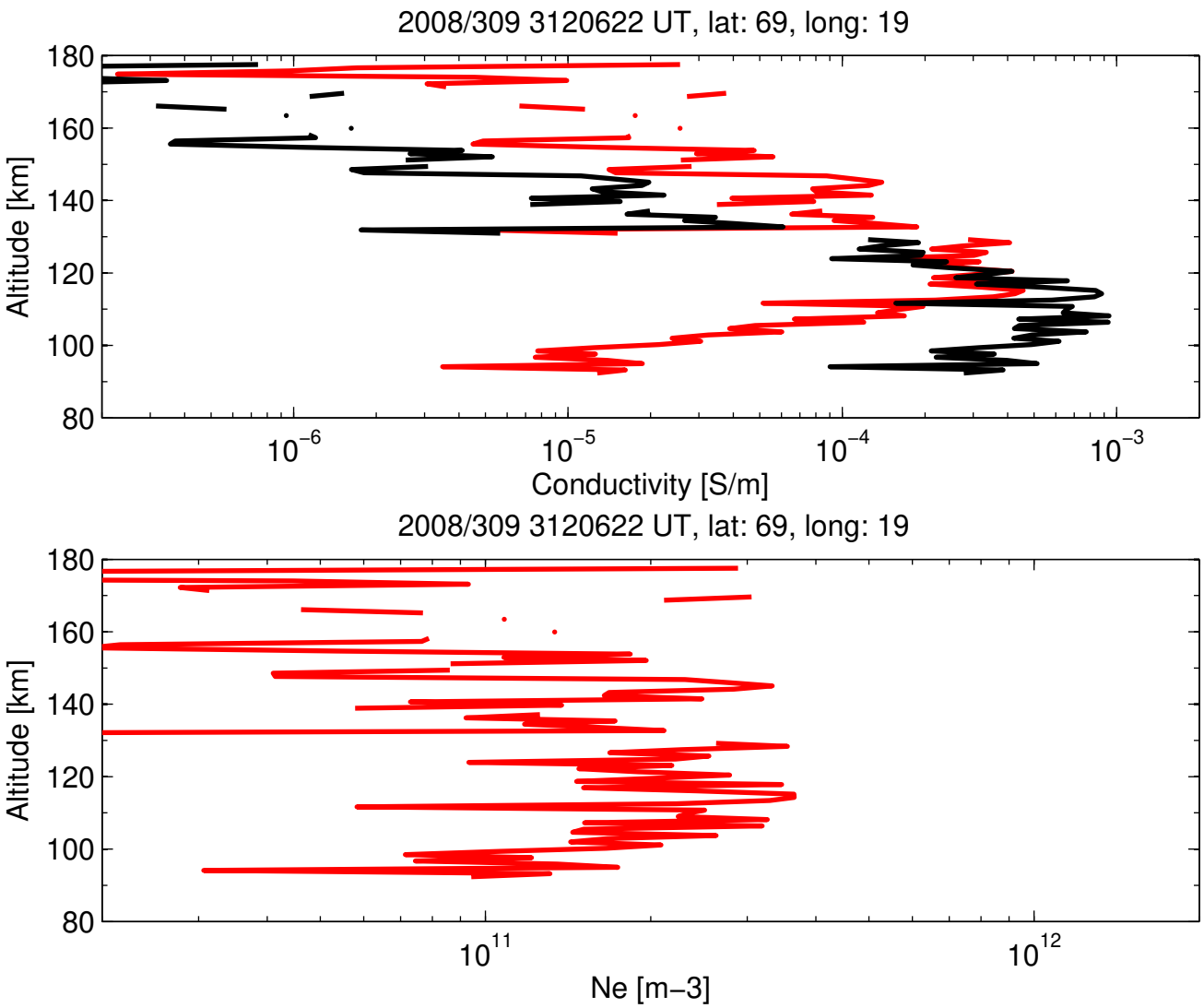
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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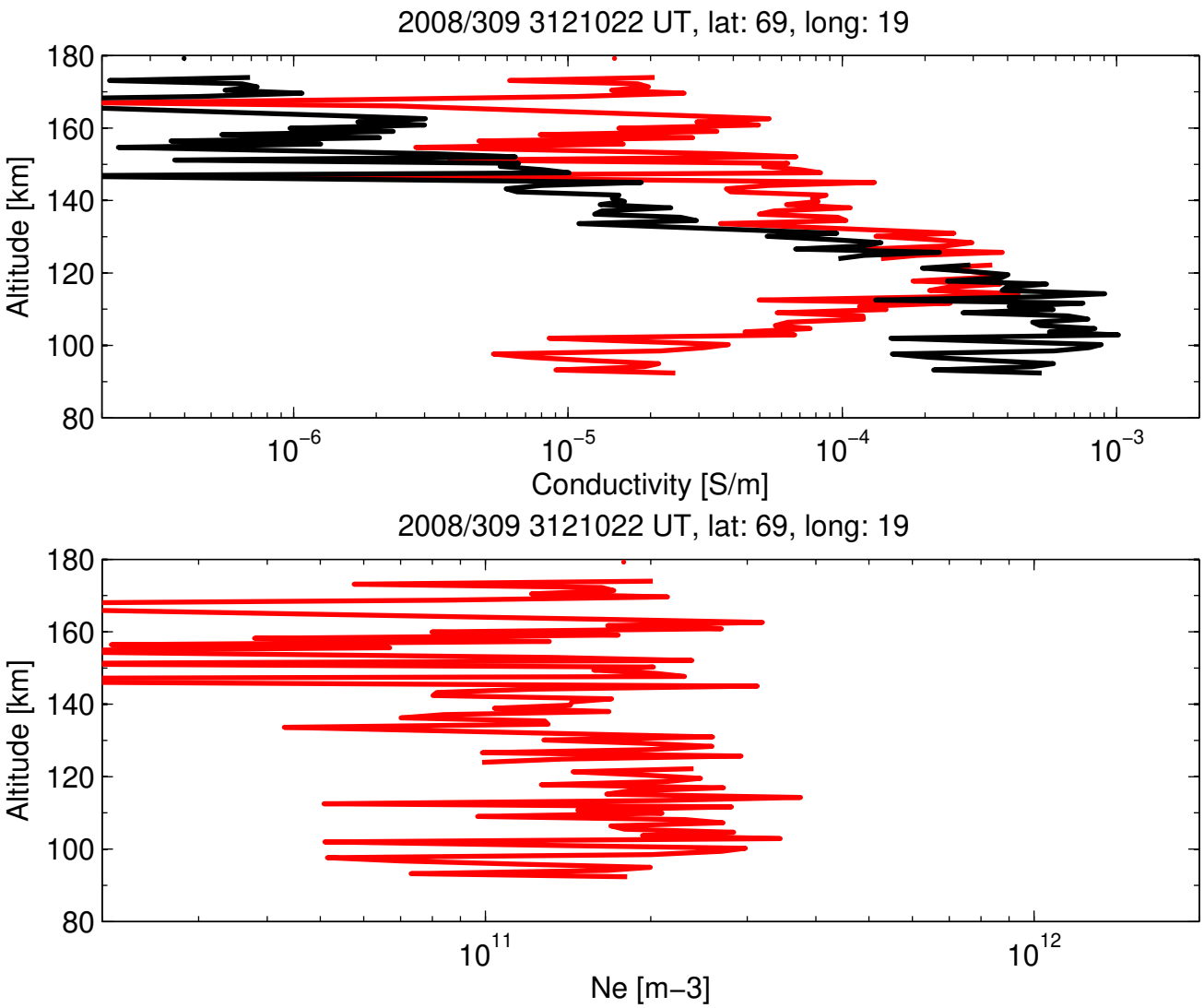
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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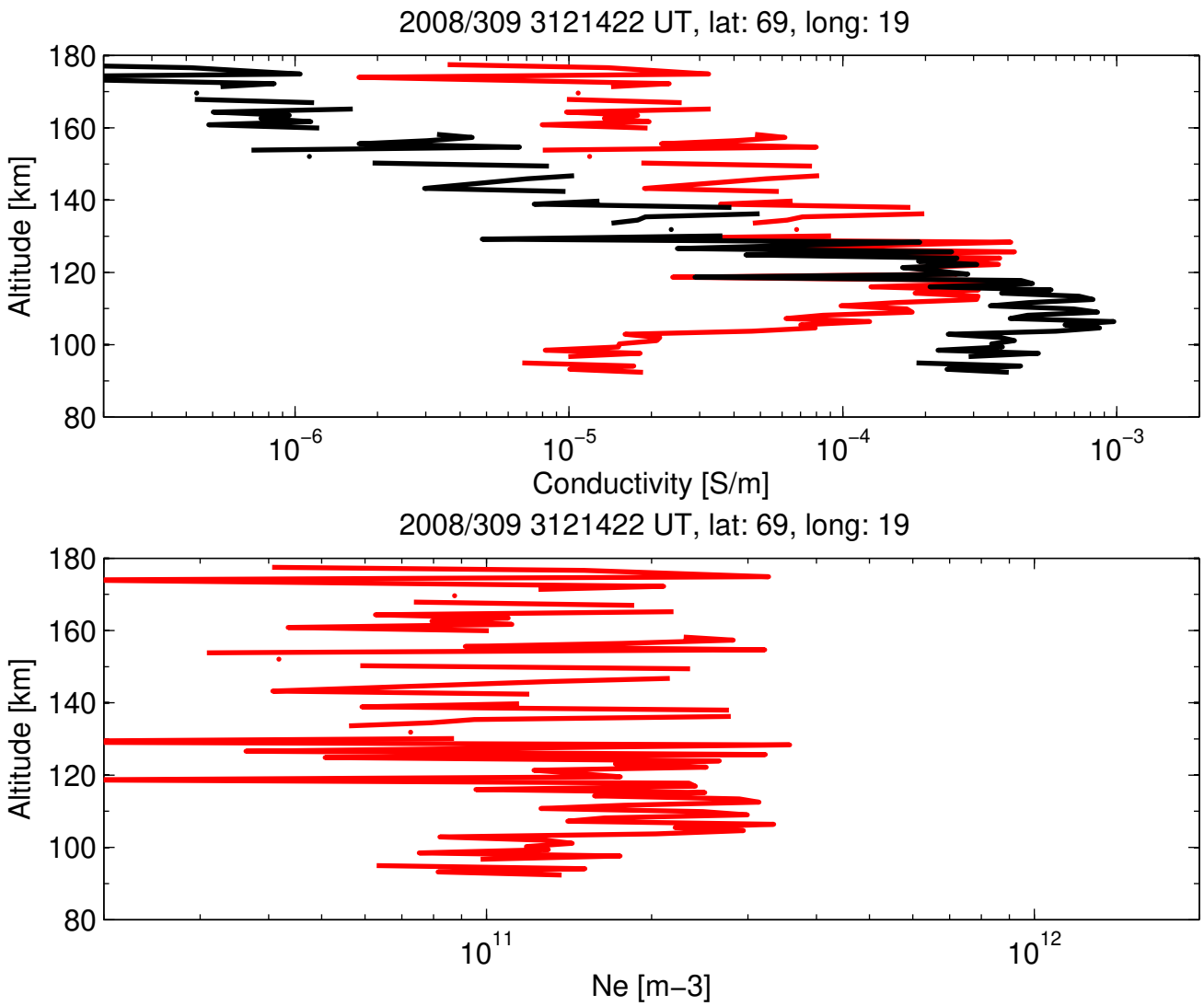
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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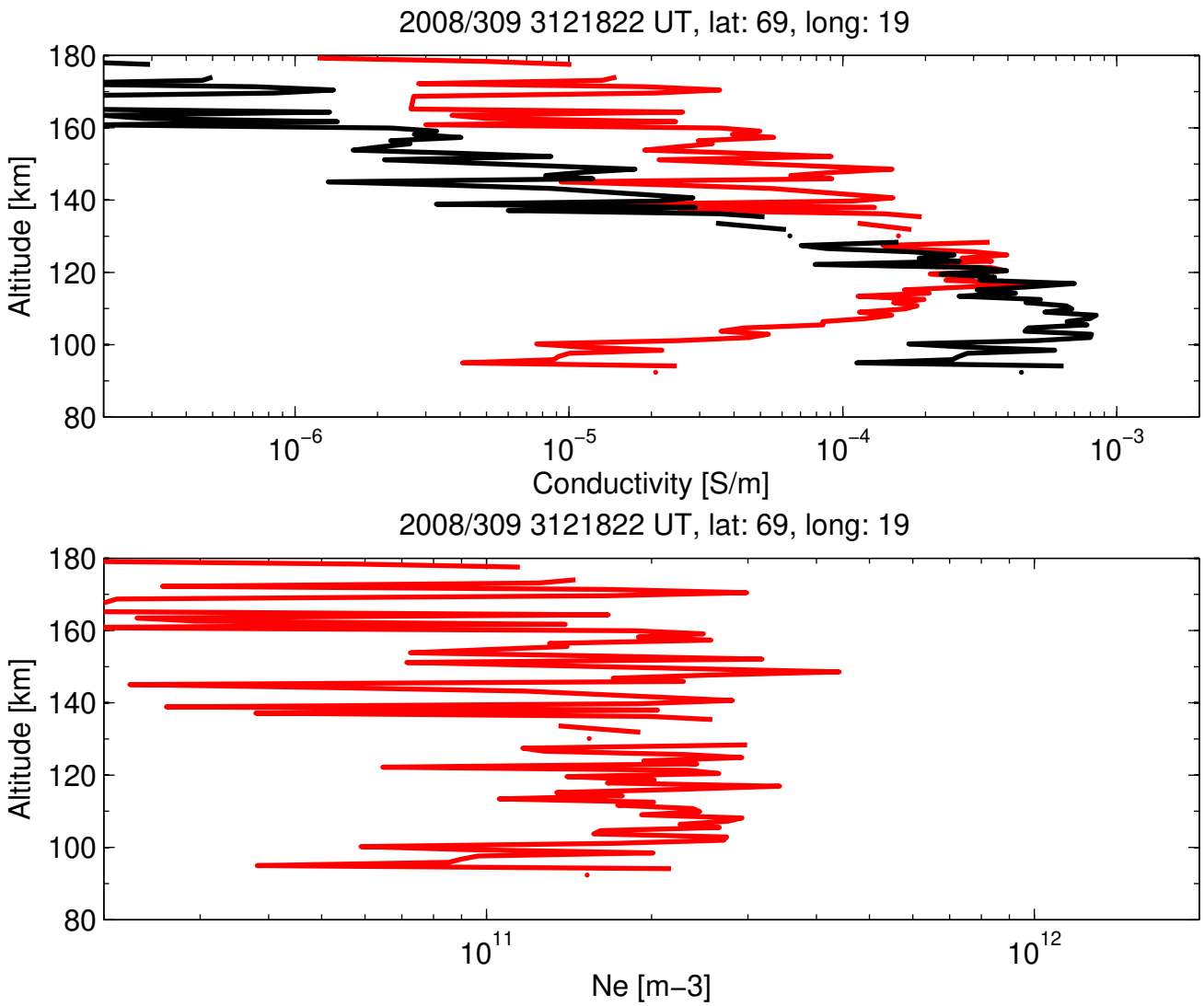
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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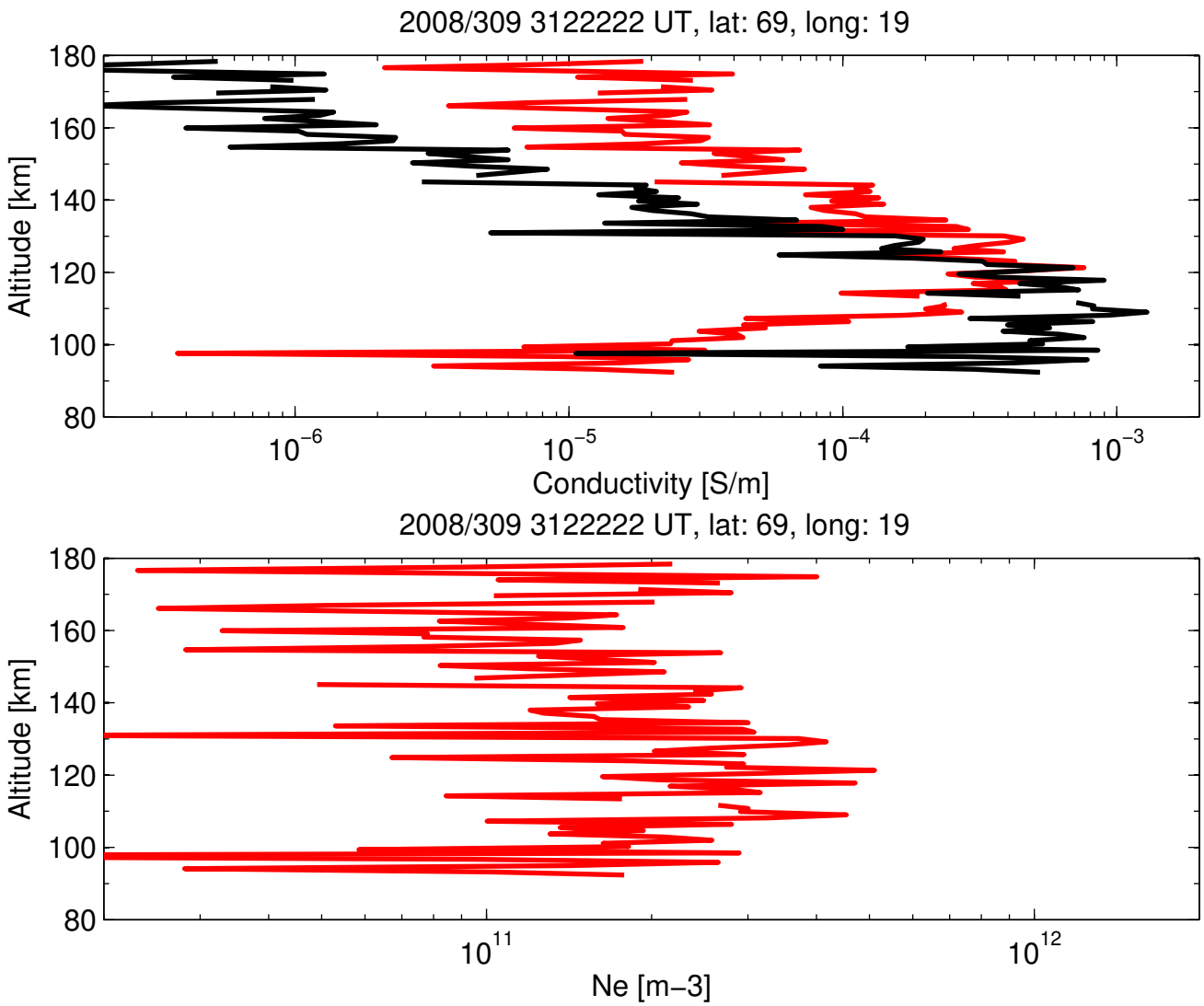
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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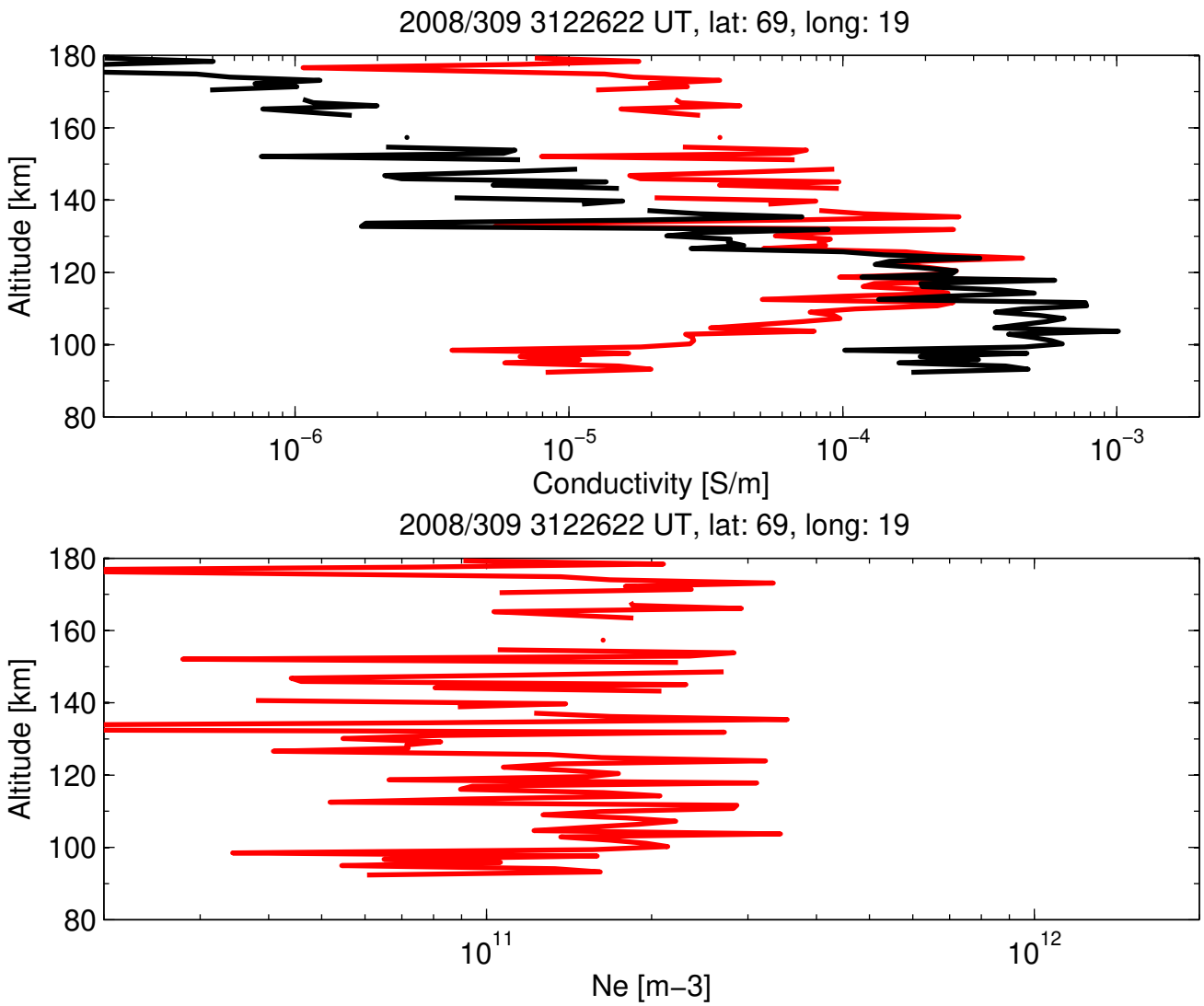
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Altitude [km]
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120
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80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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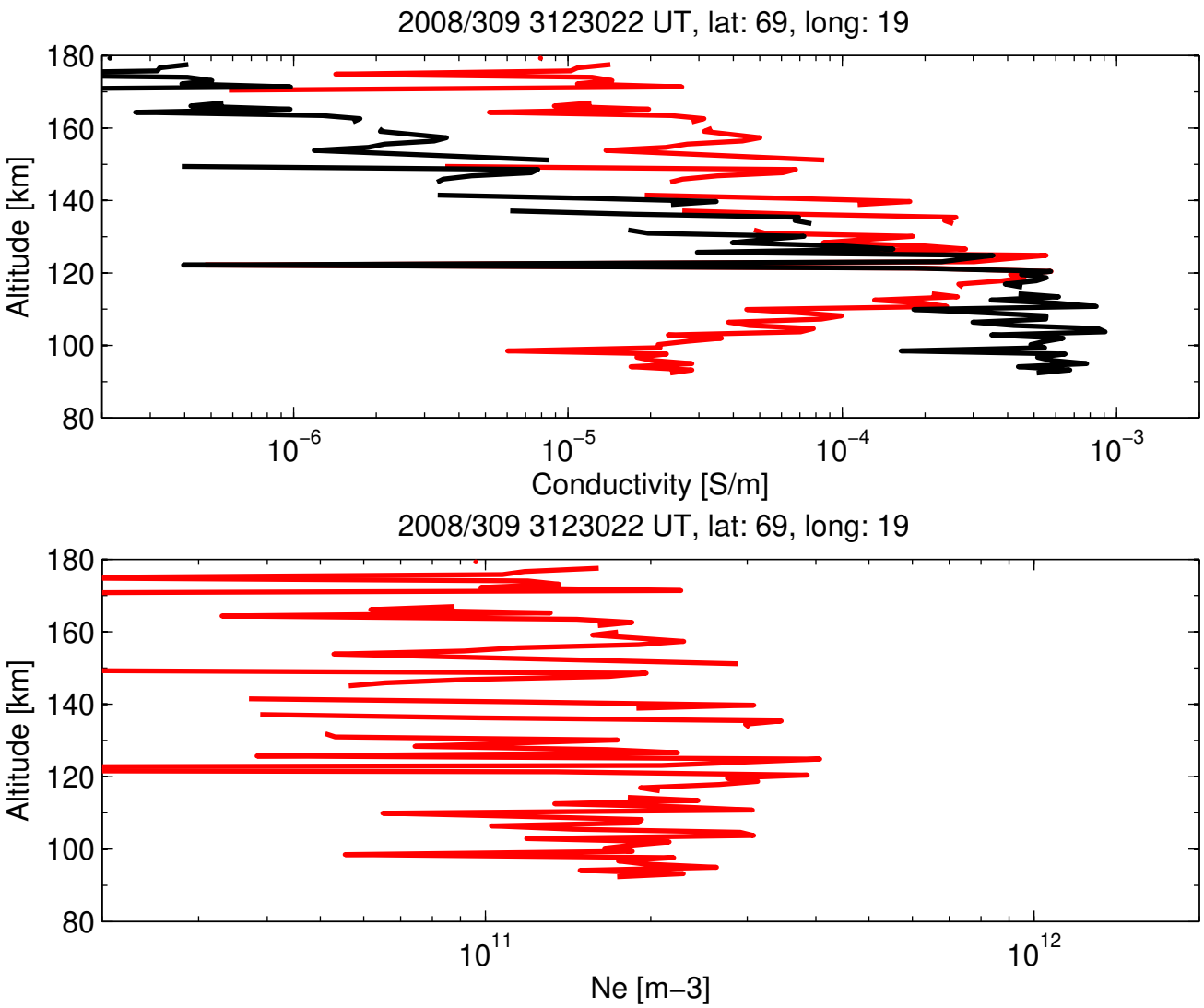
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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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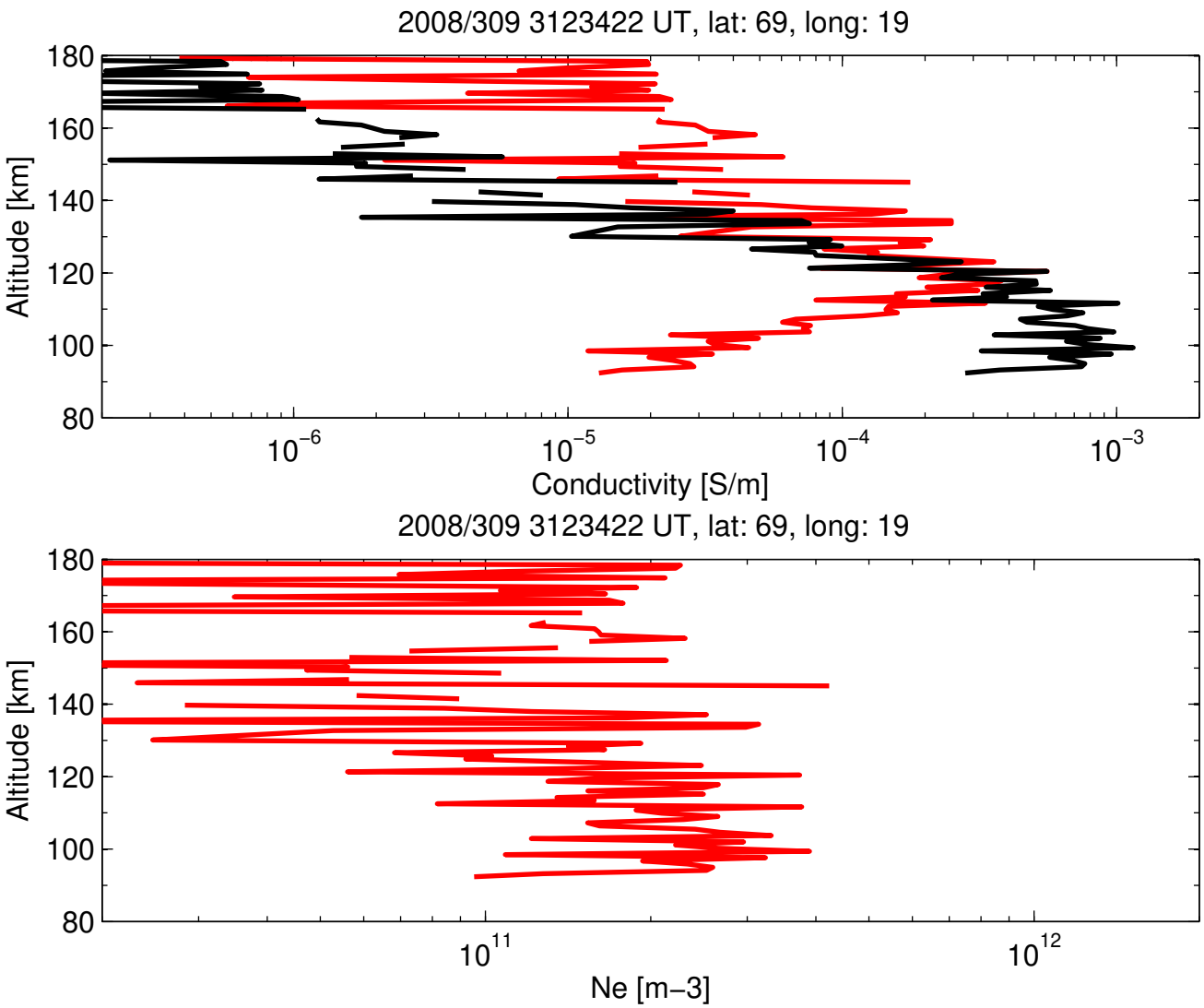
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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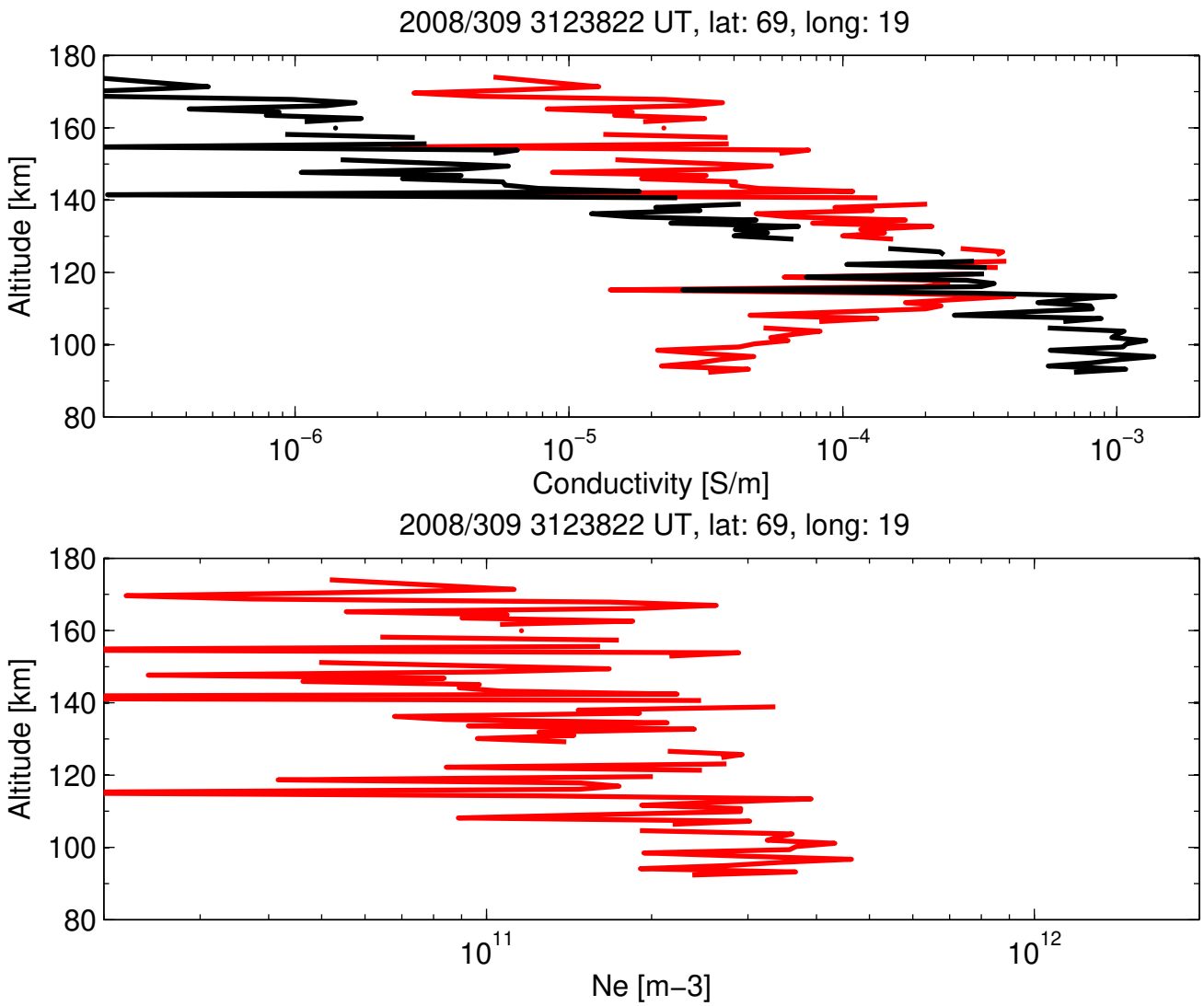
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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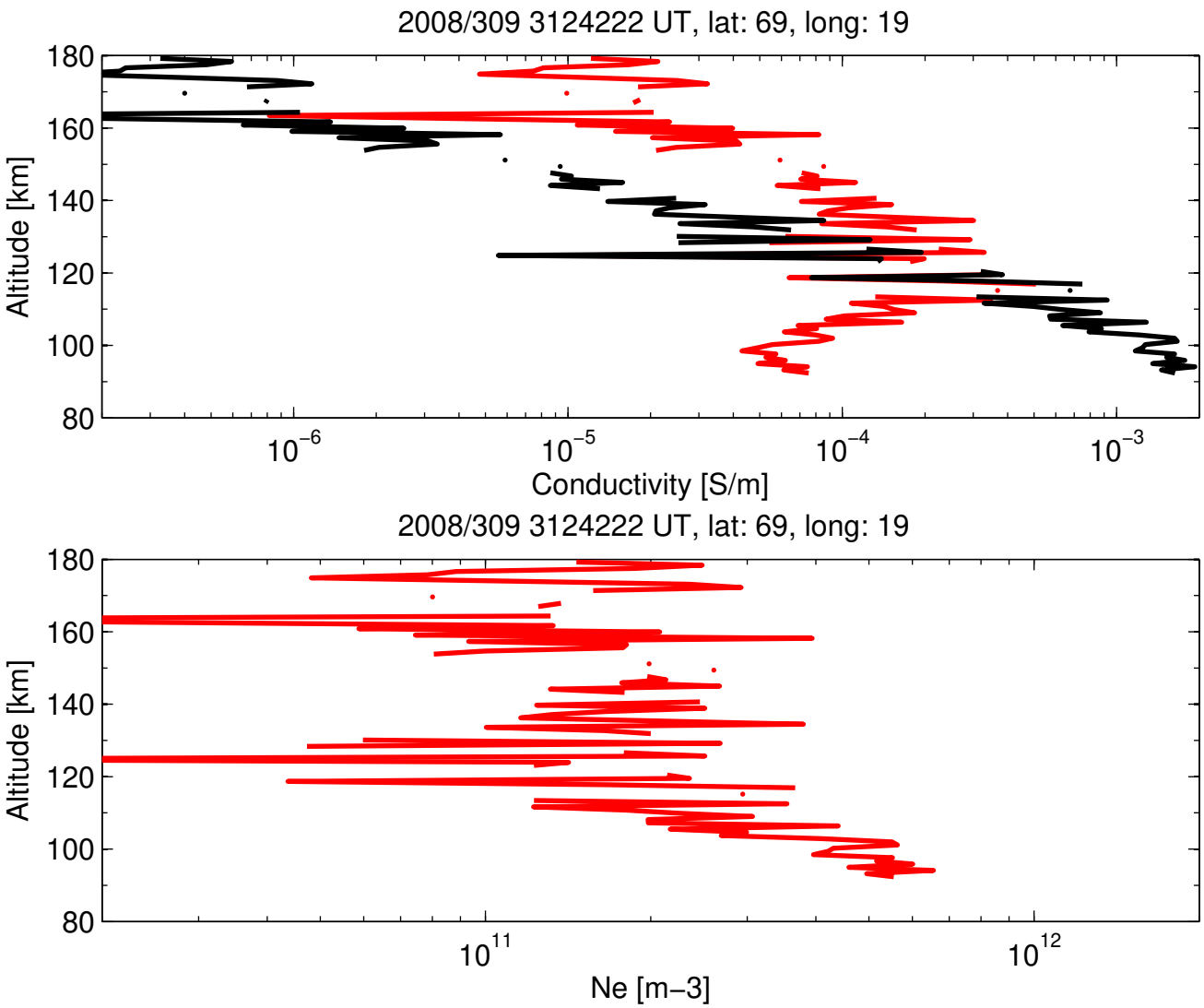
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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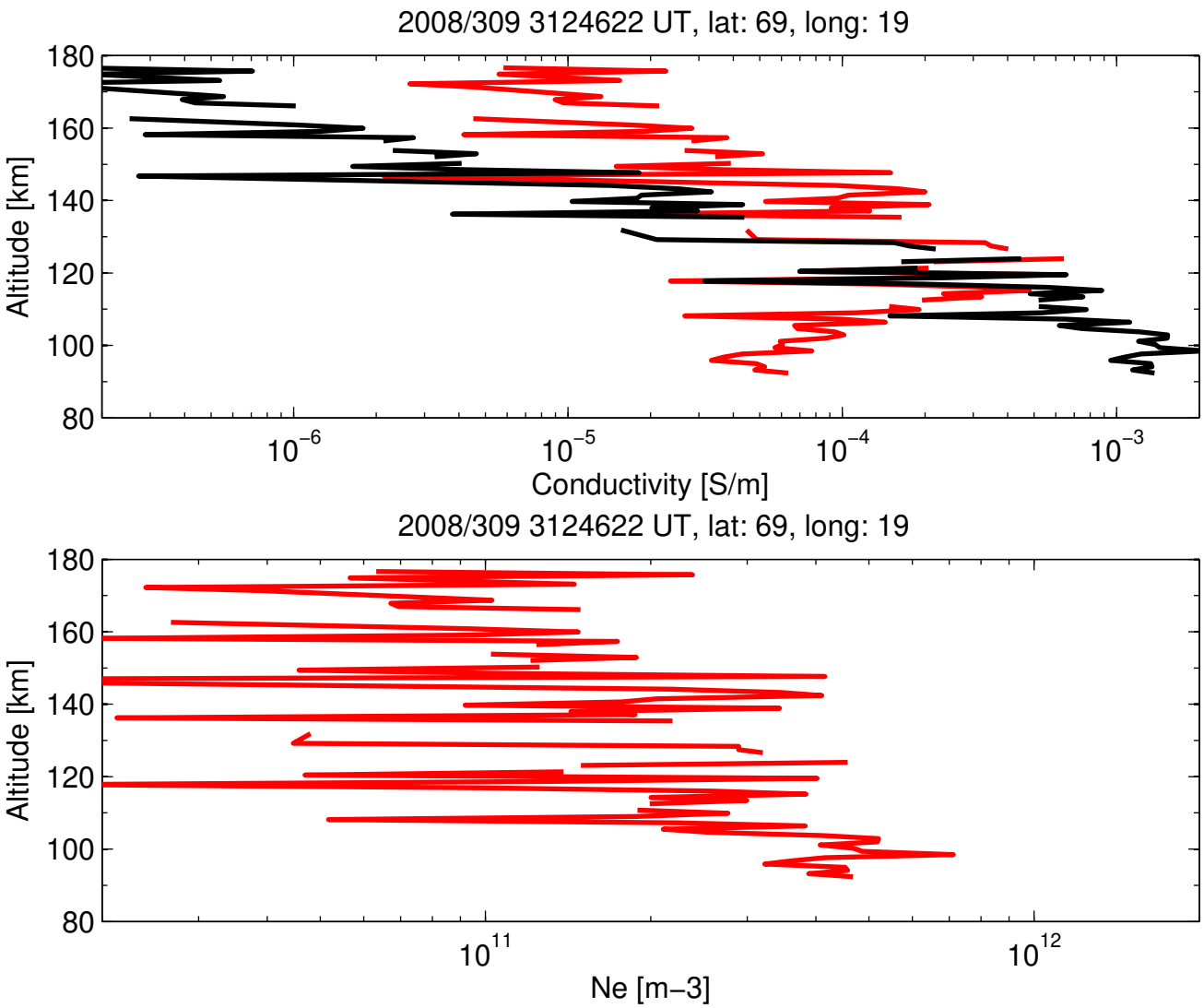
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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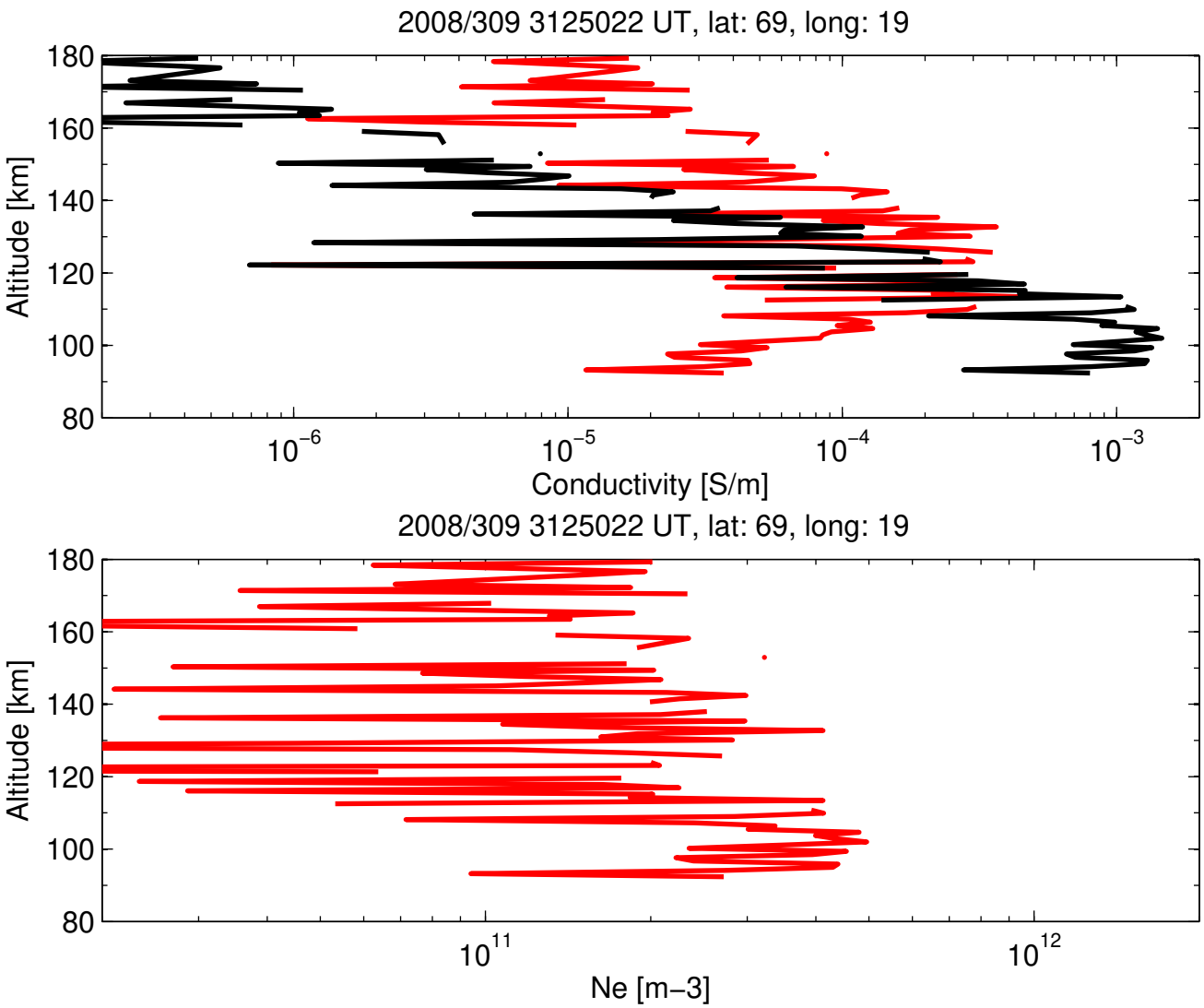
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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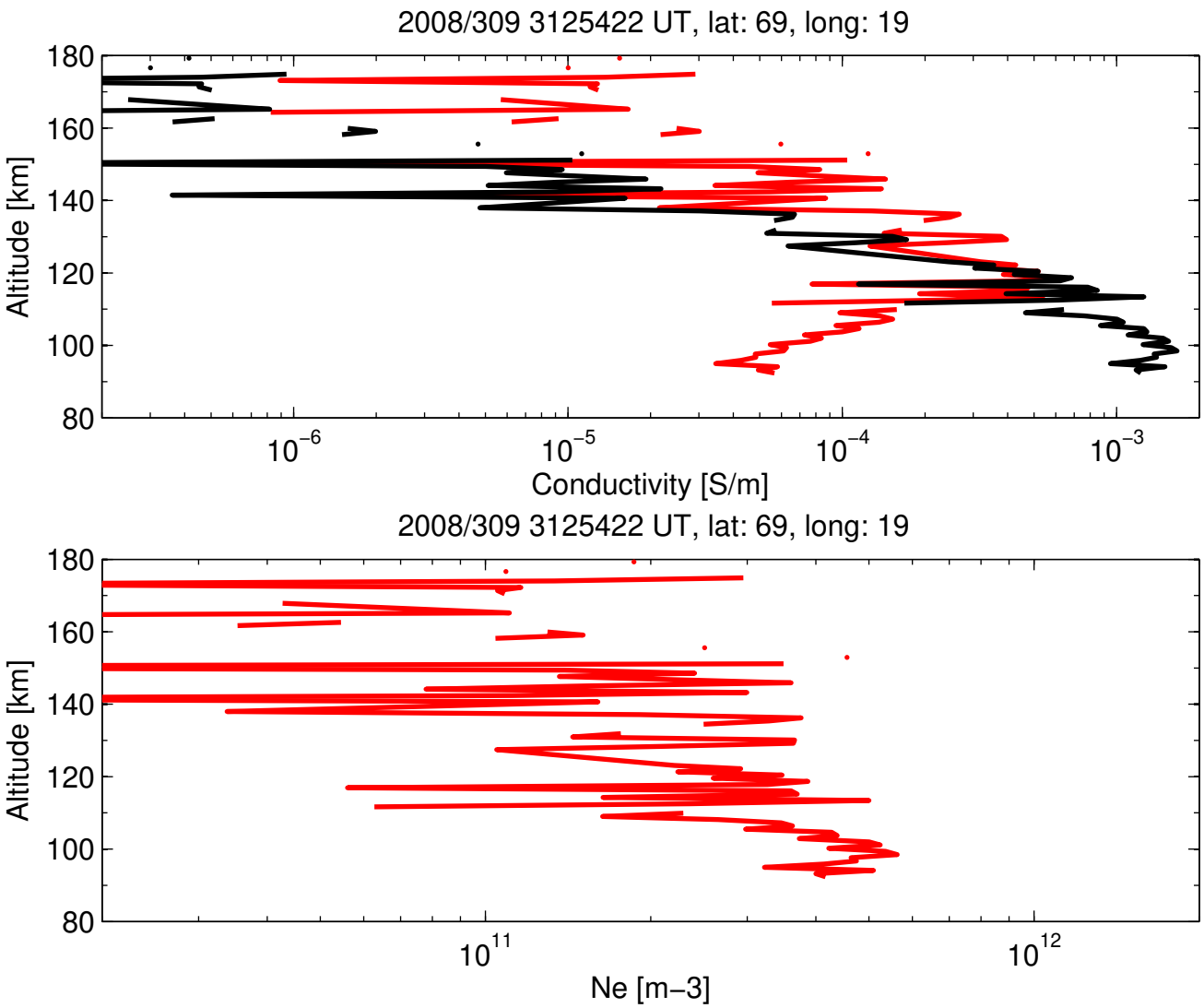
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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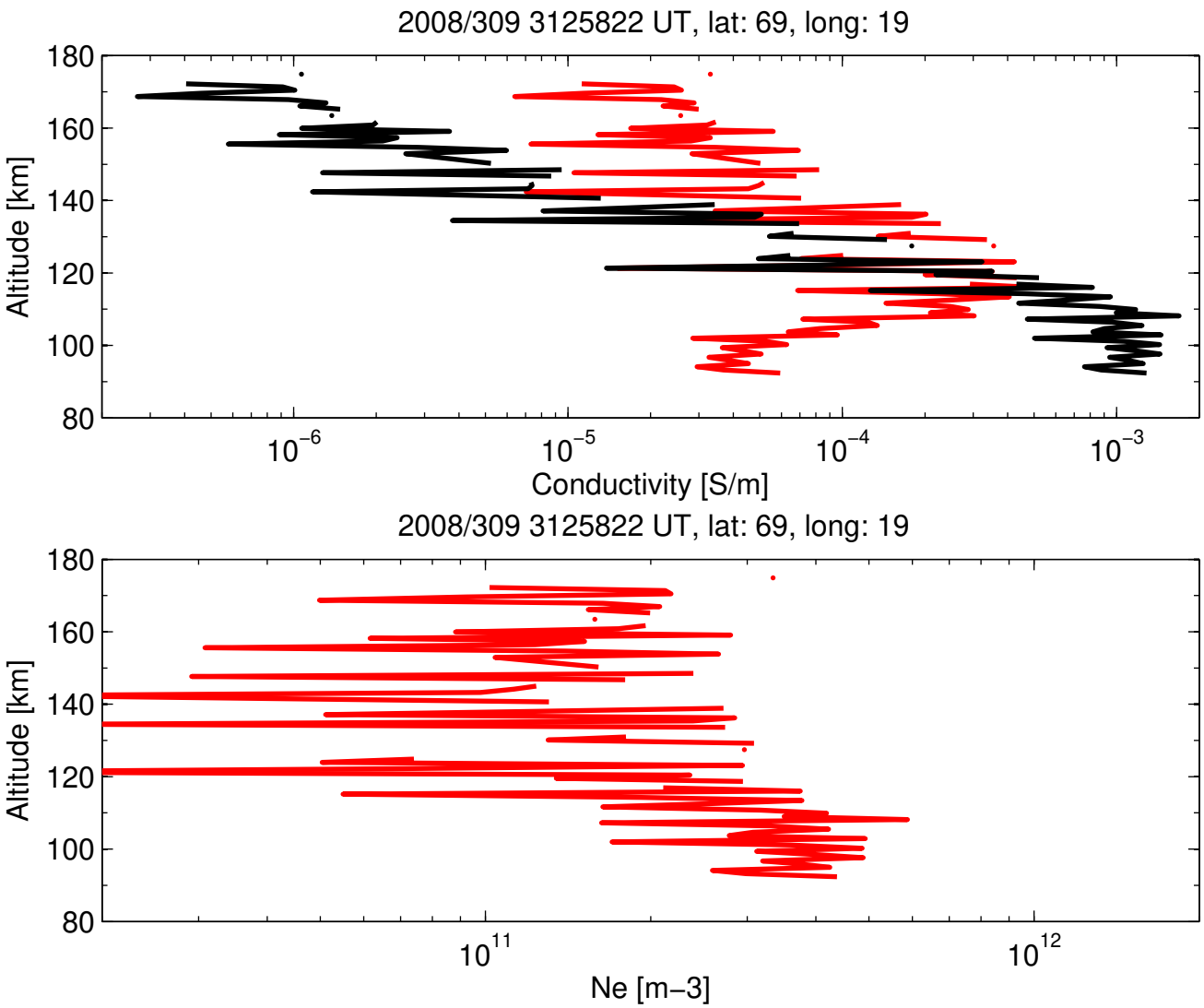
10^{12}
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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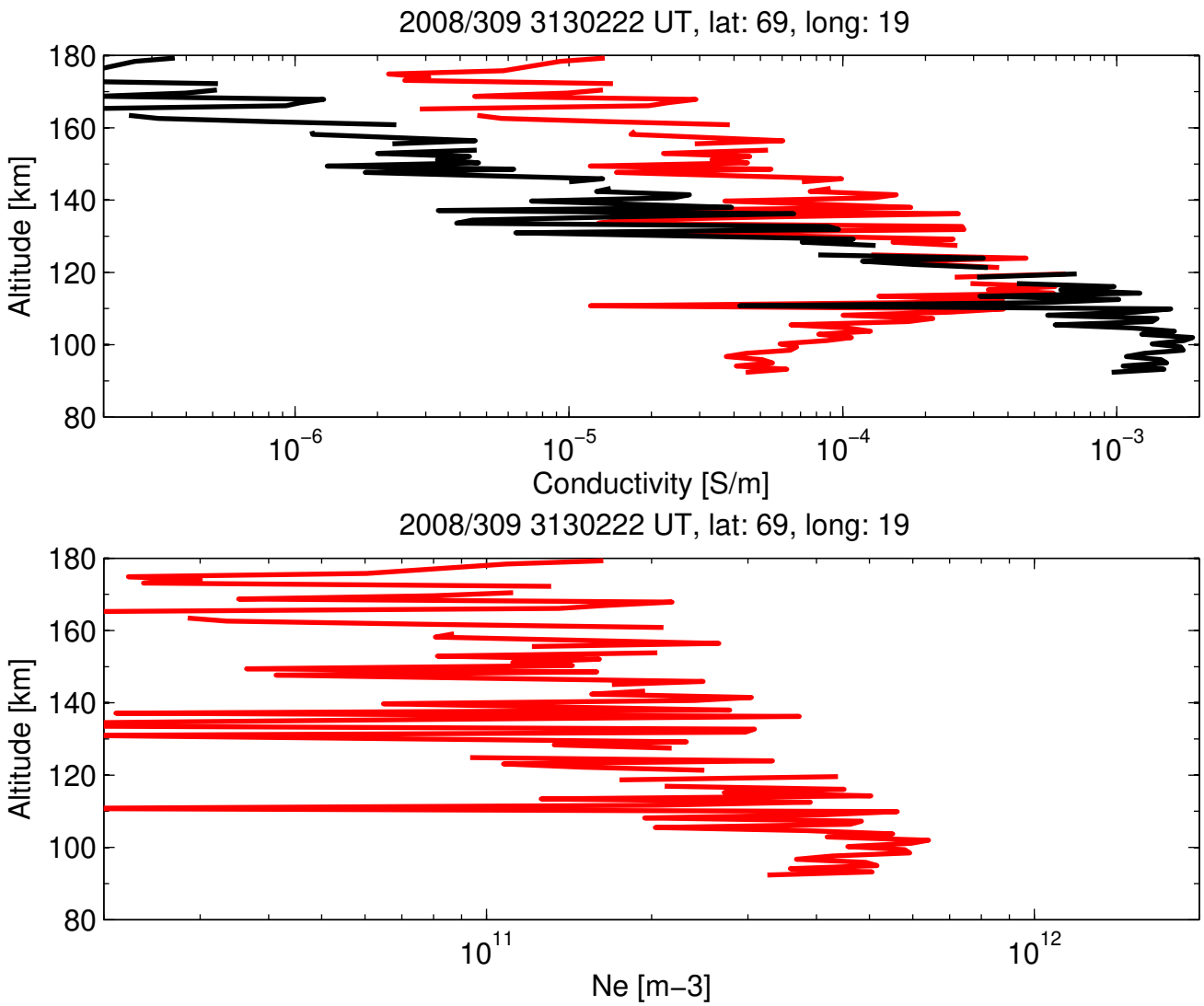
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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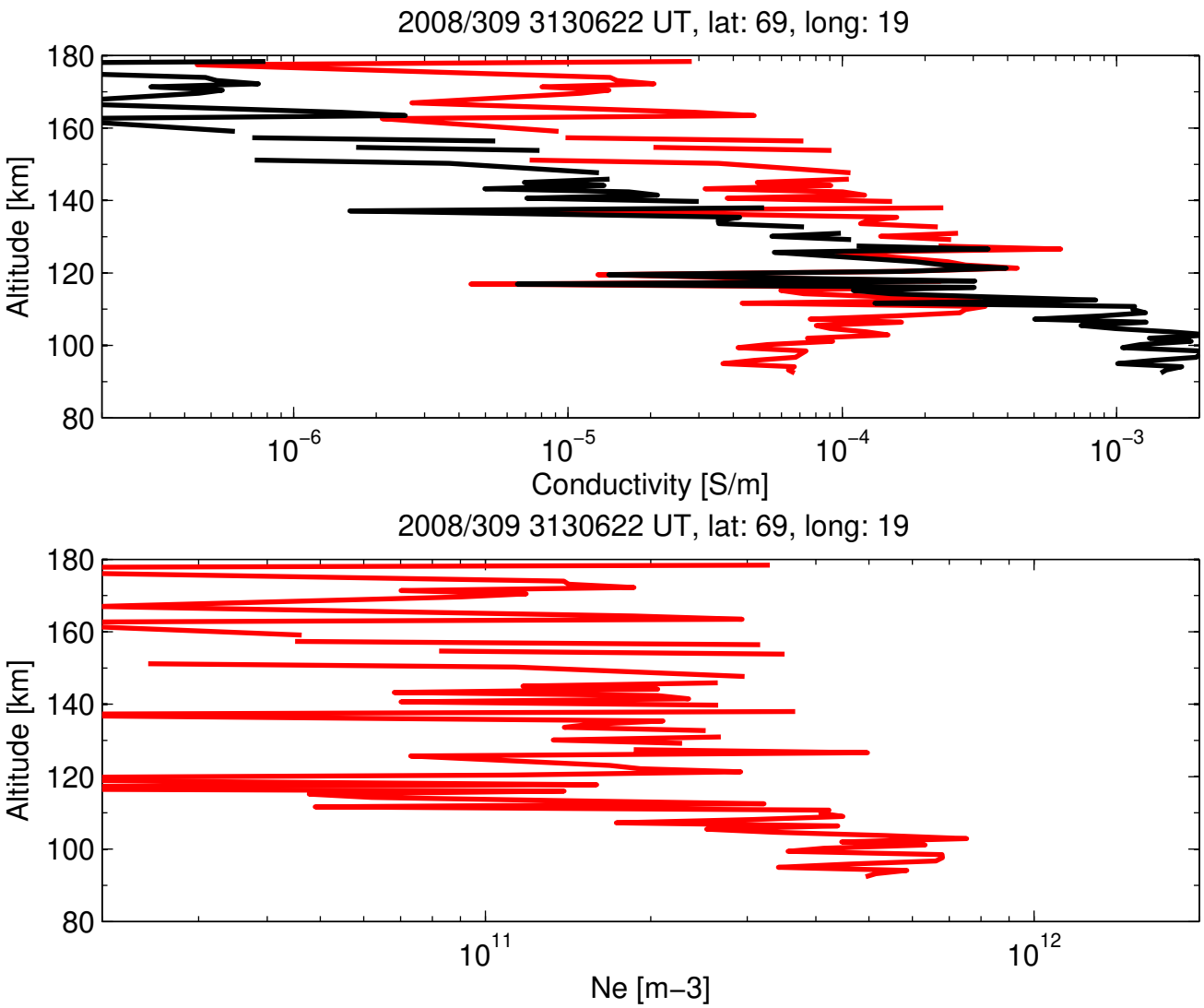
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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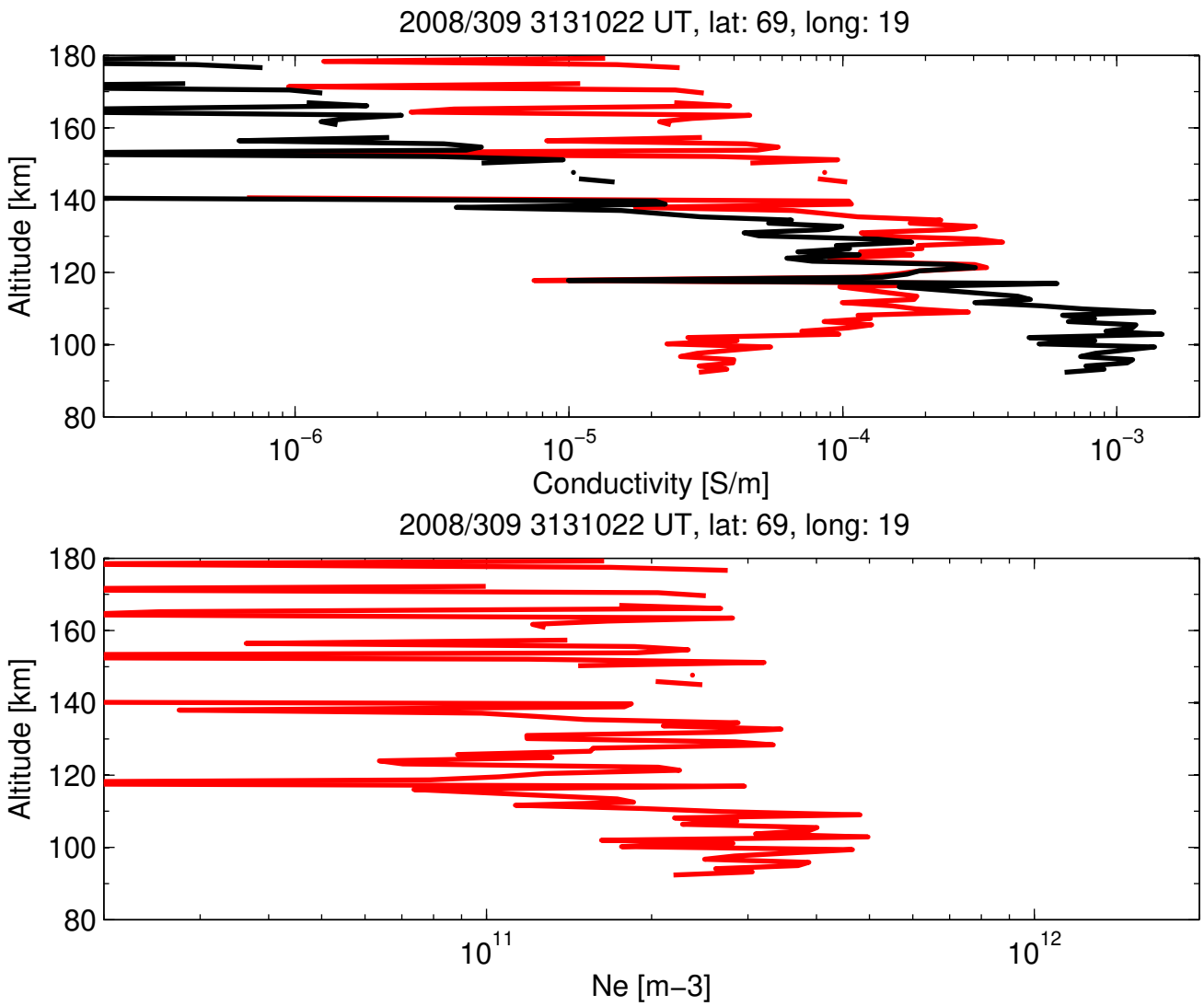
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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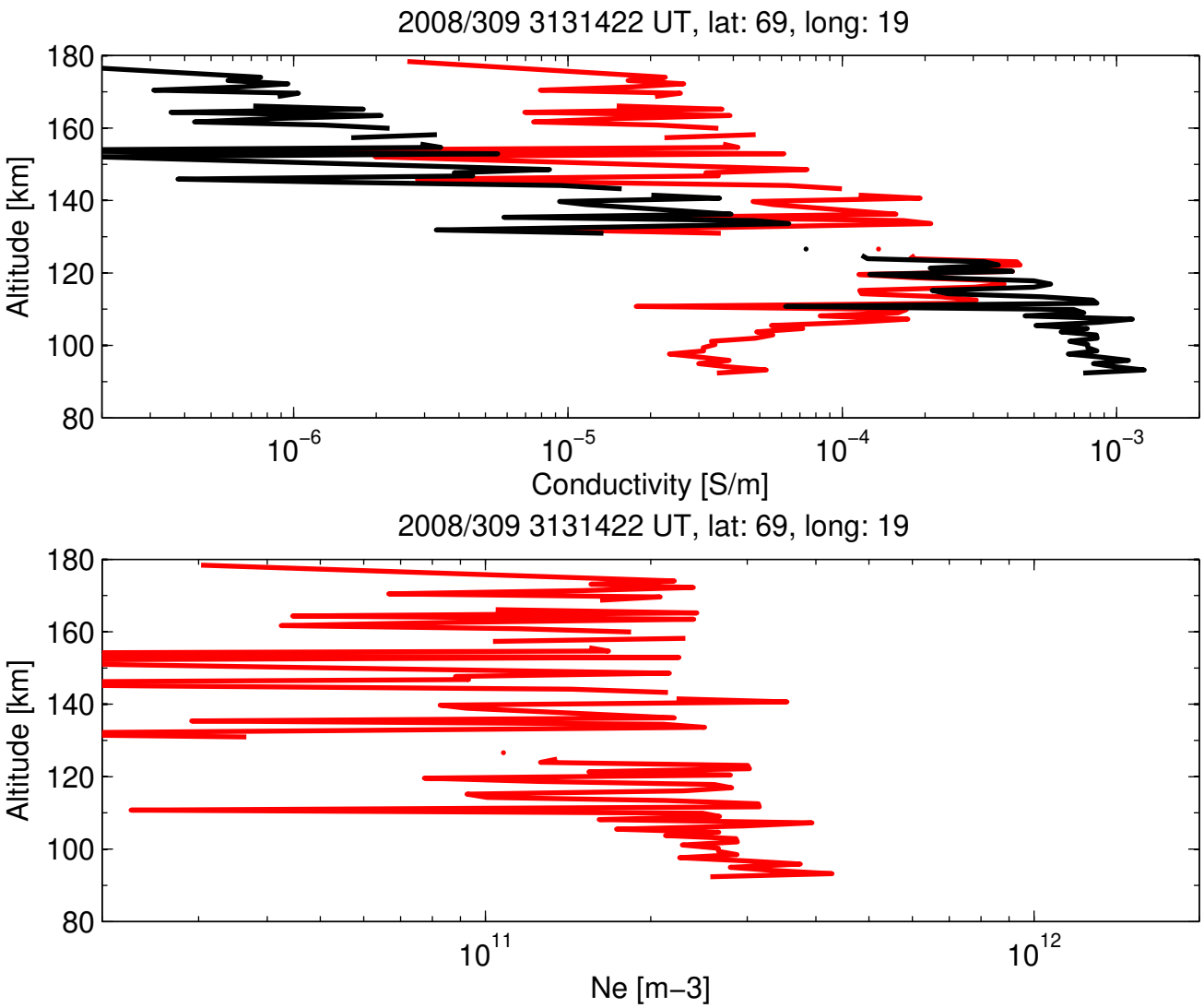
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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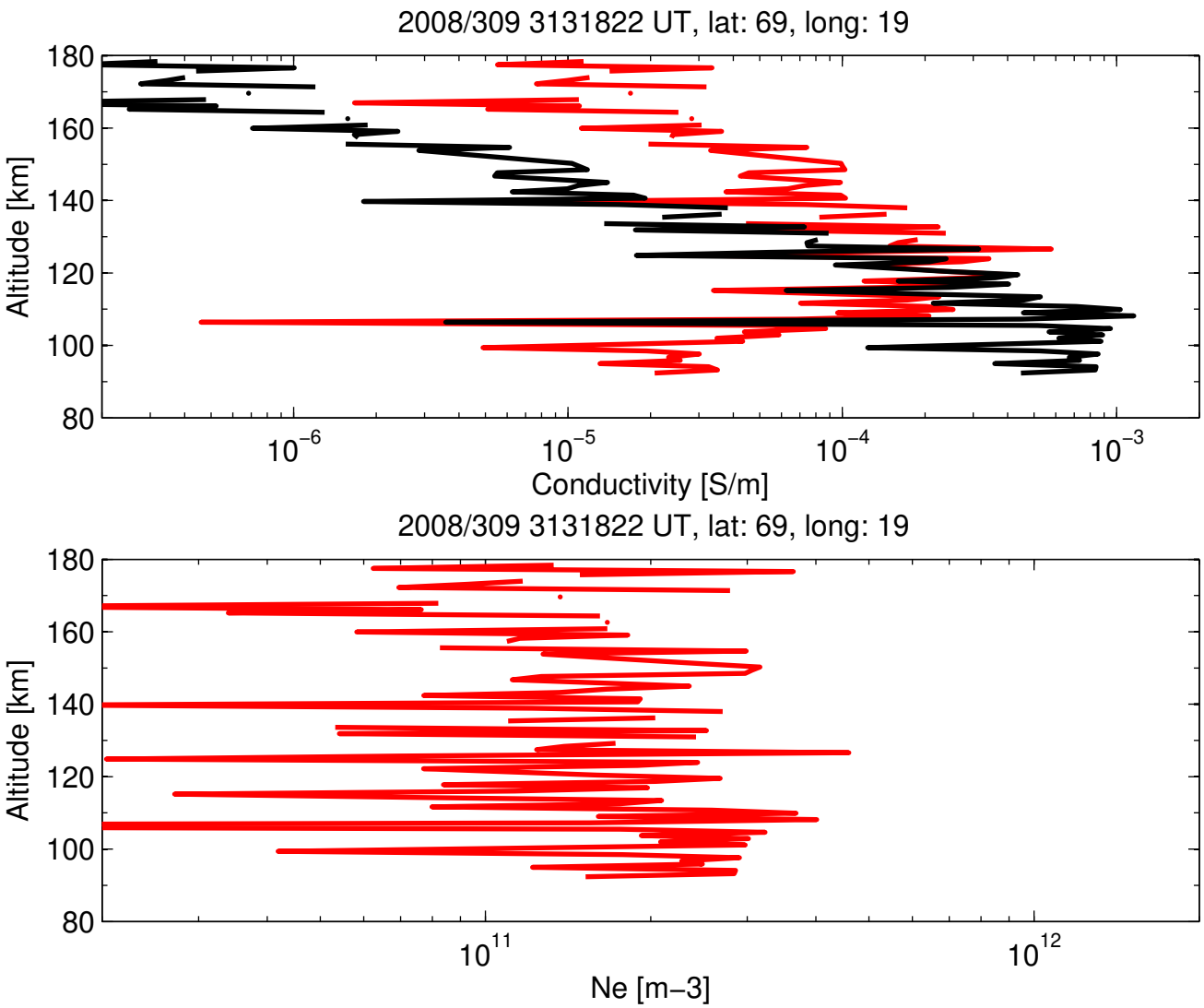
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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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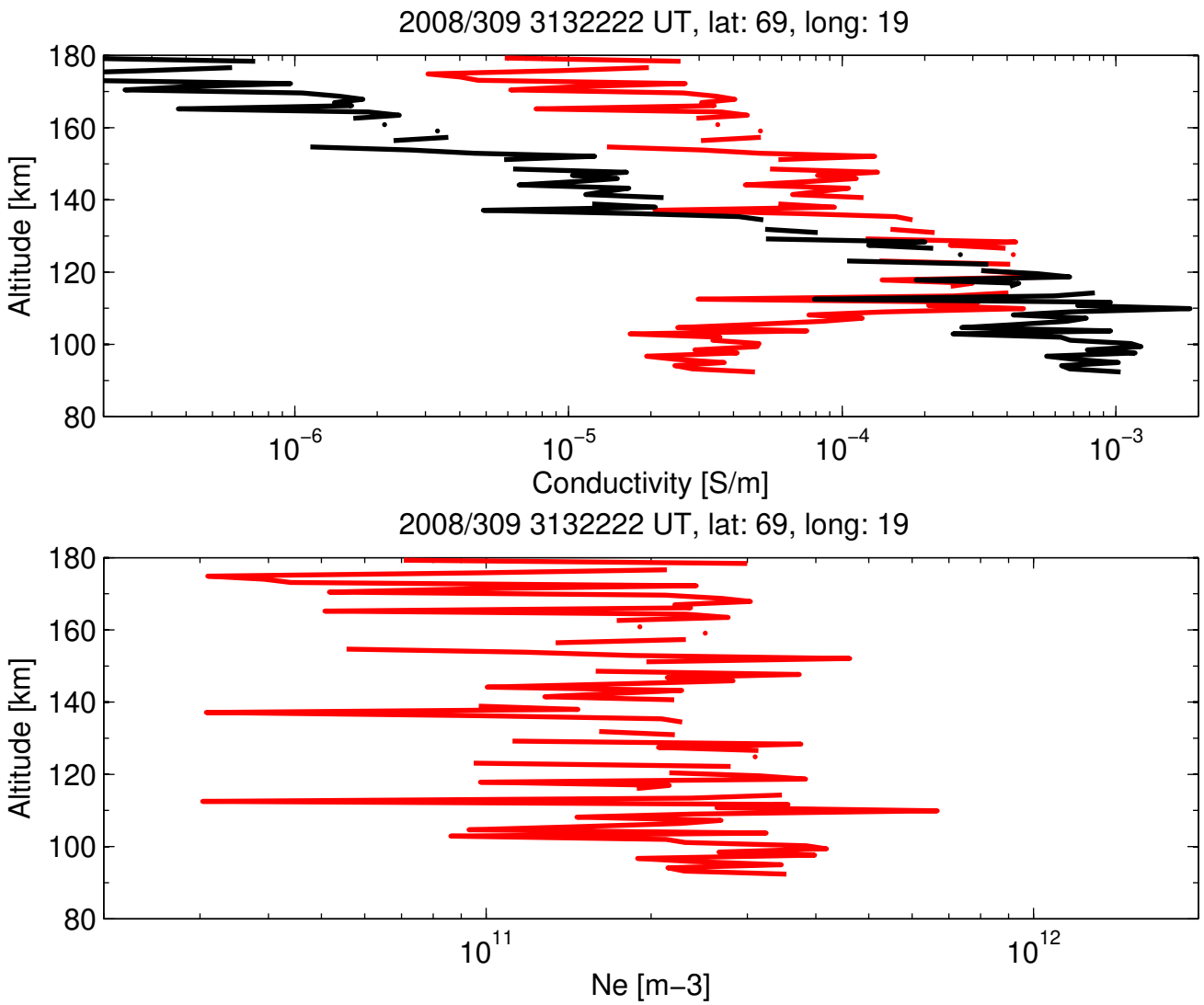
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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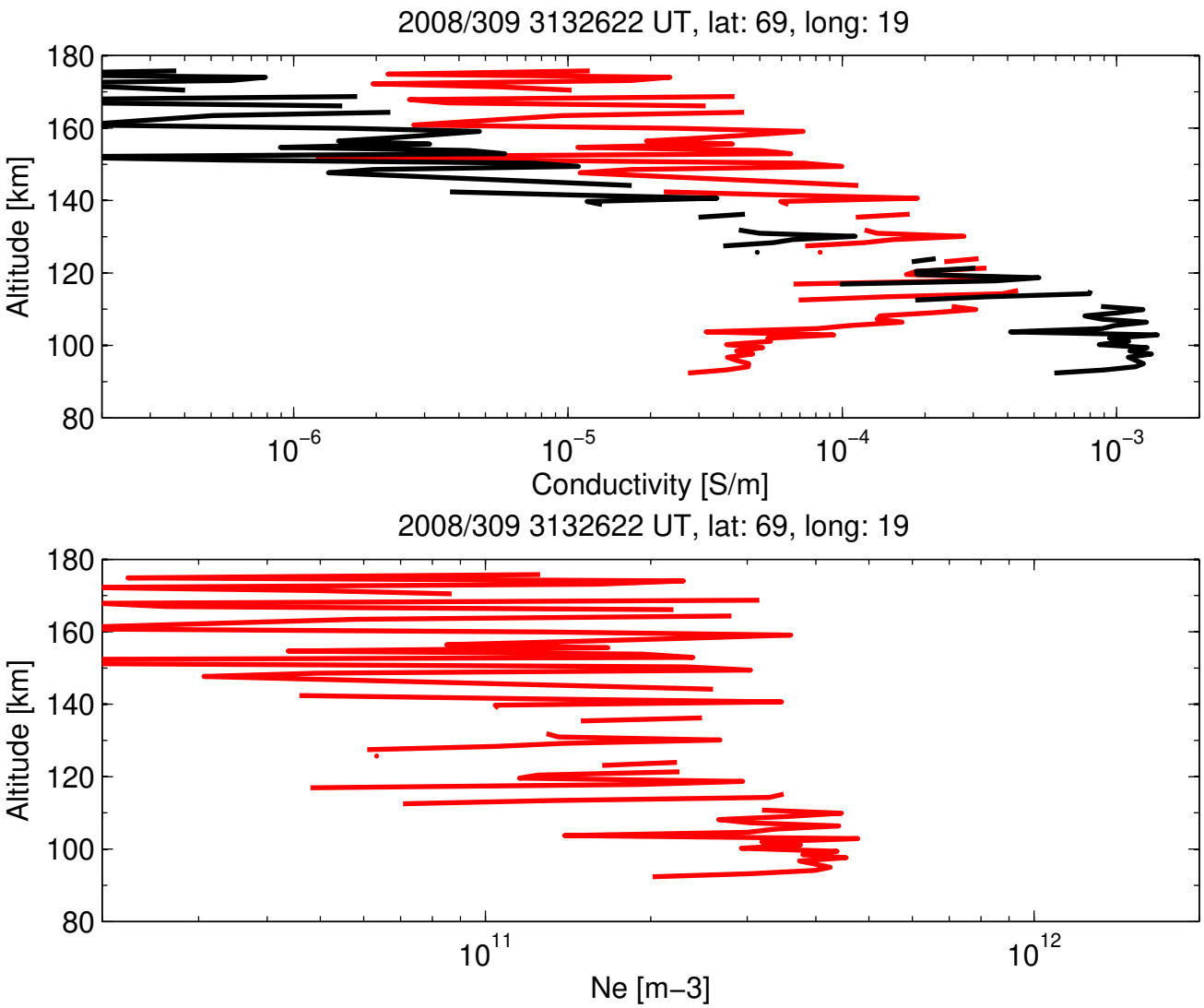
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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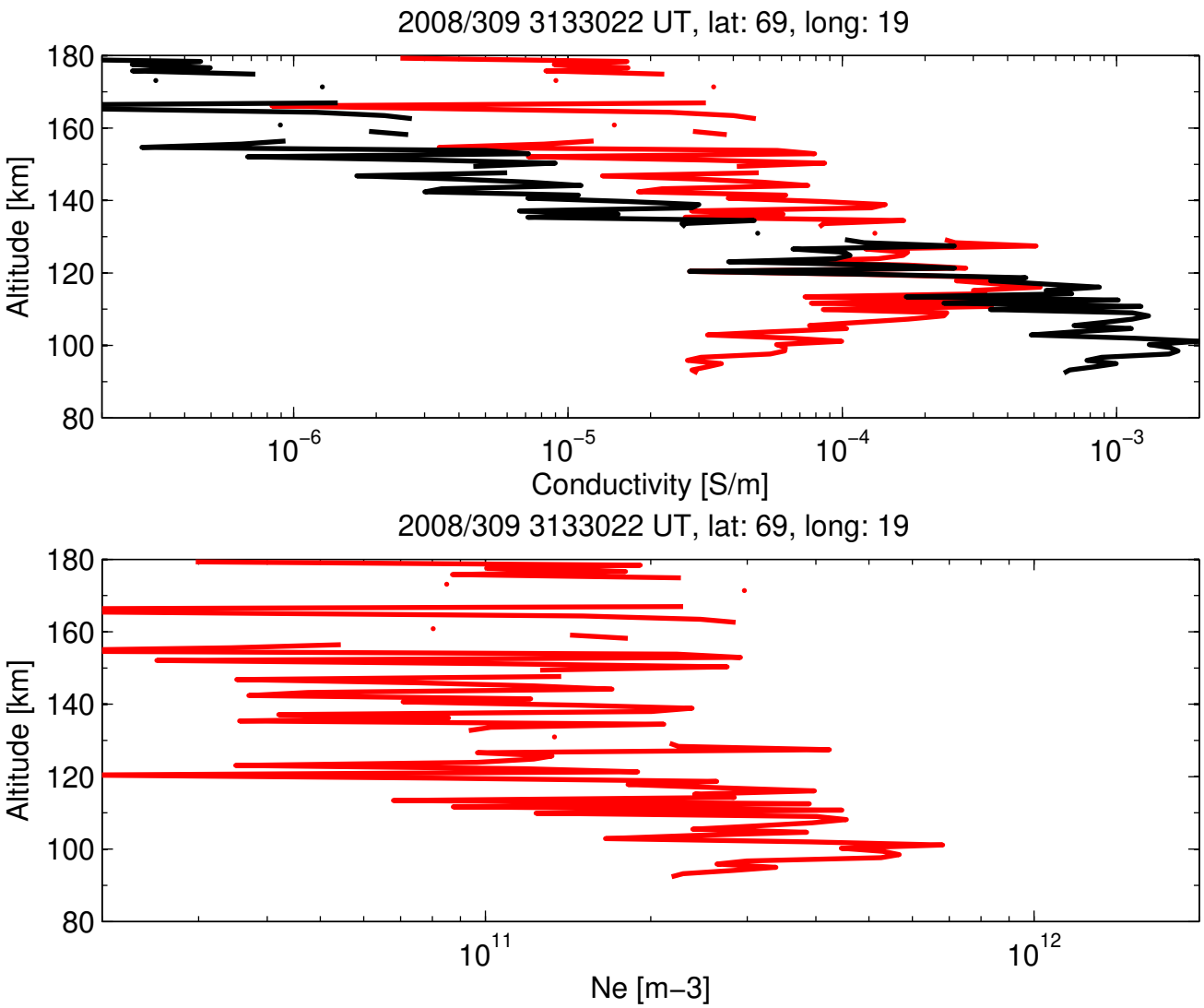
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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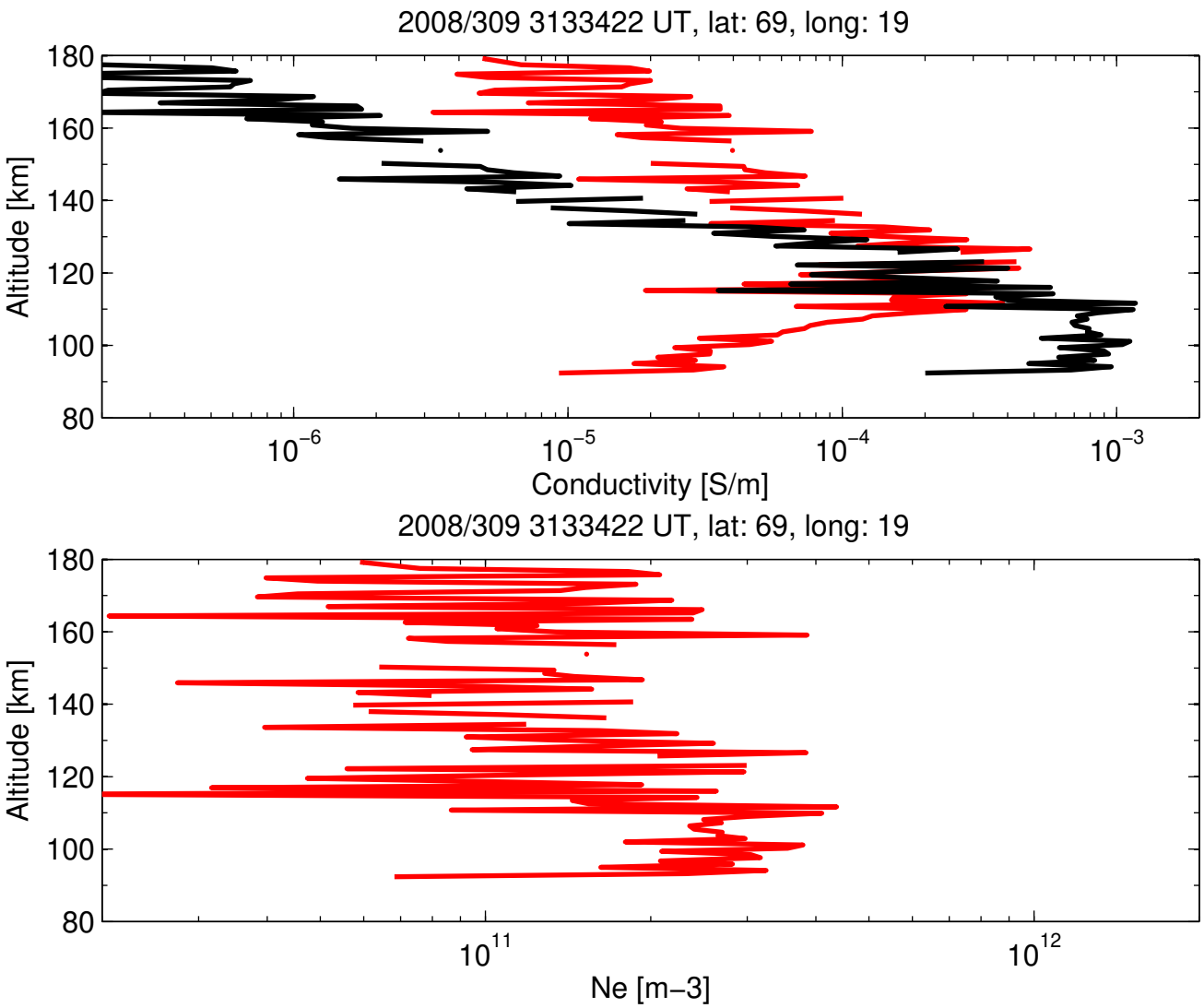
10^{12}
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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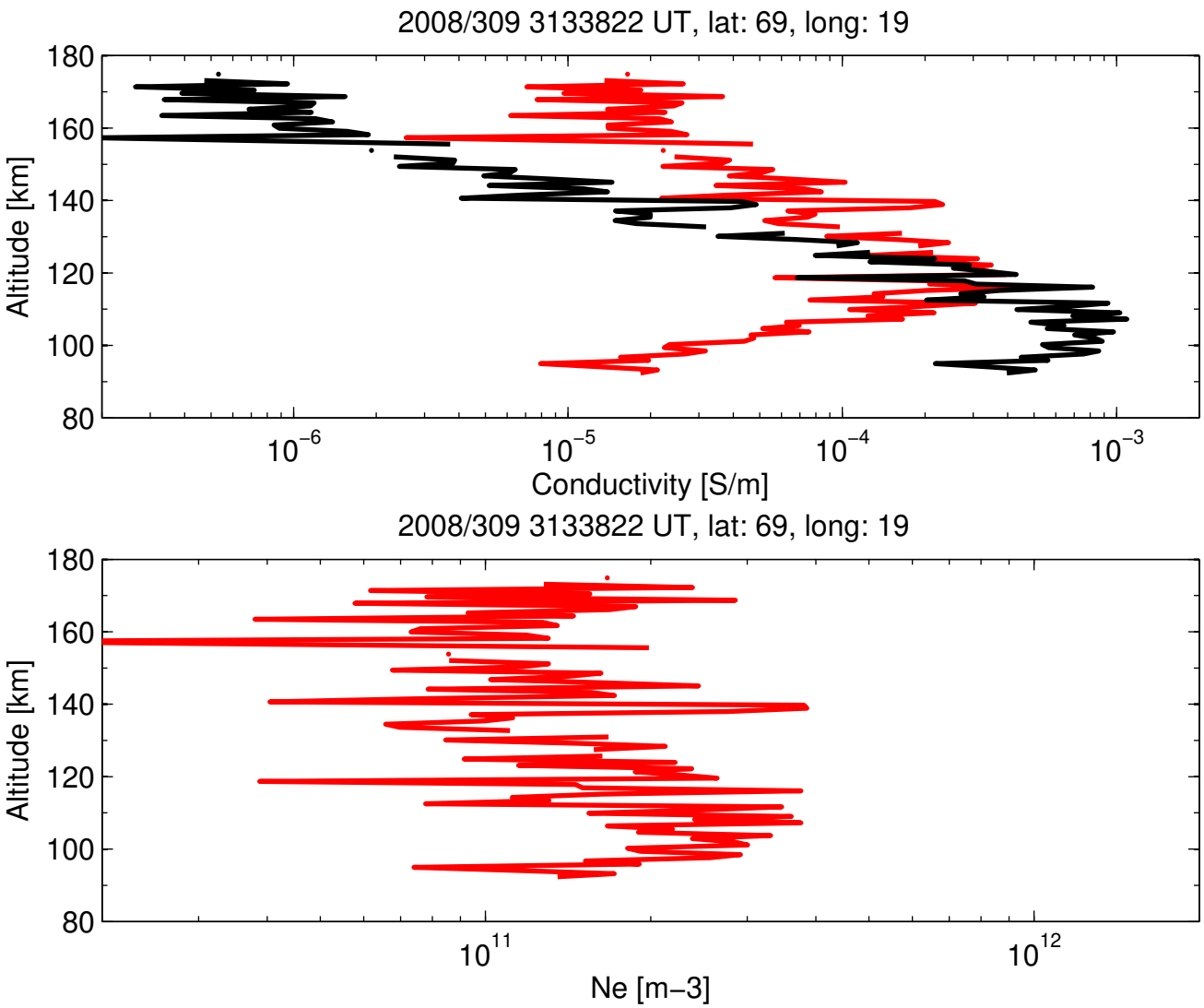
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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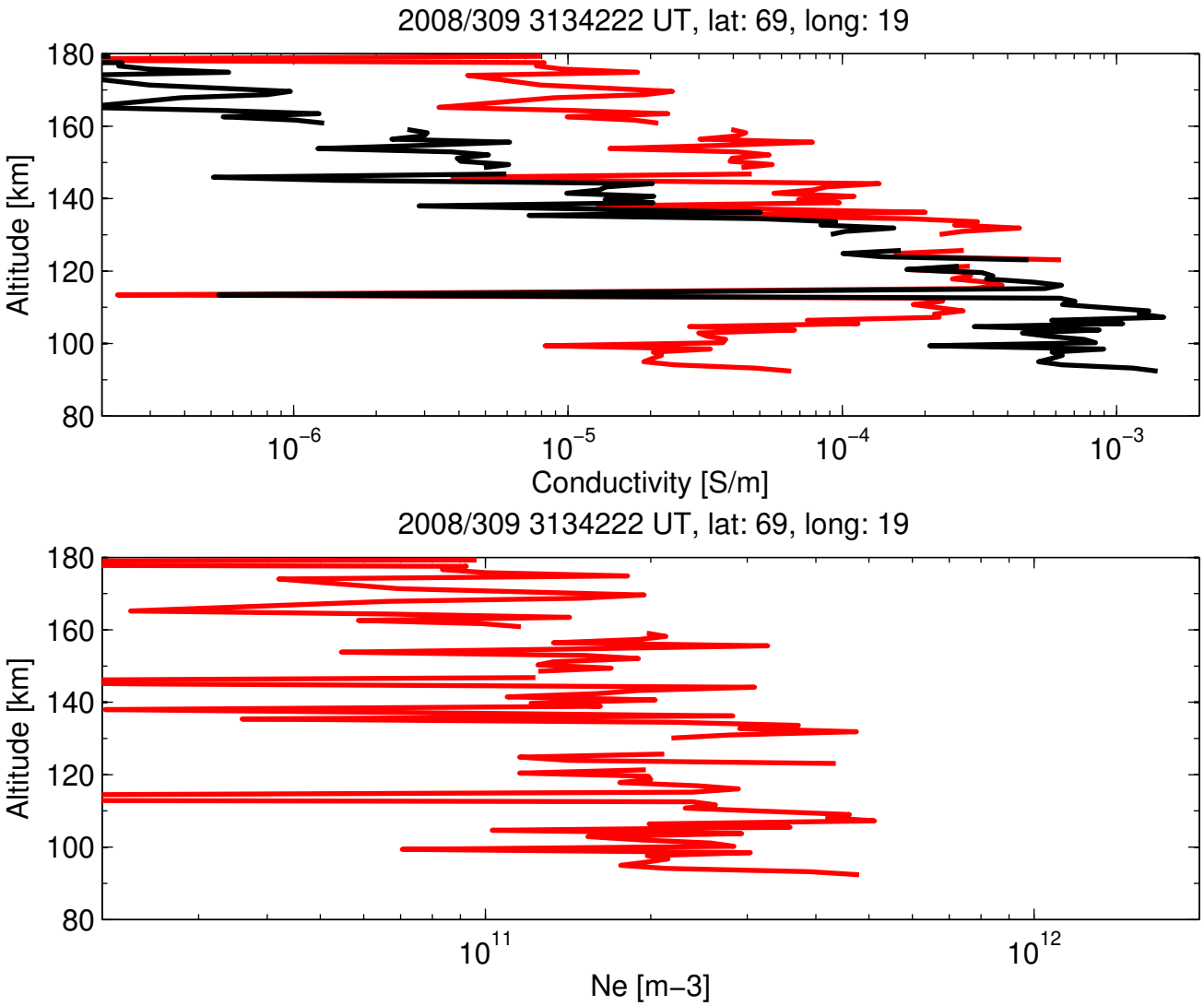
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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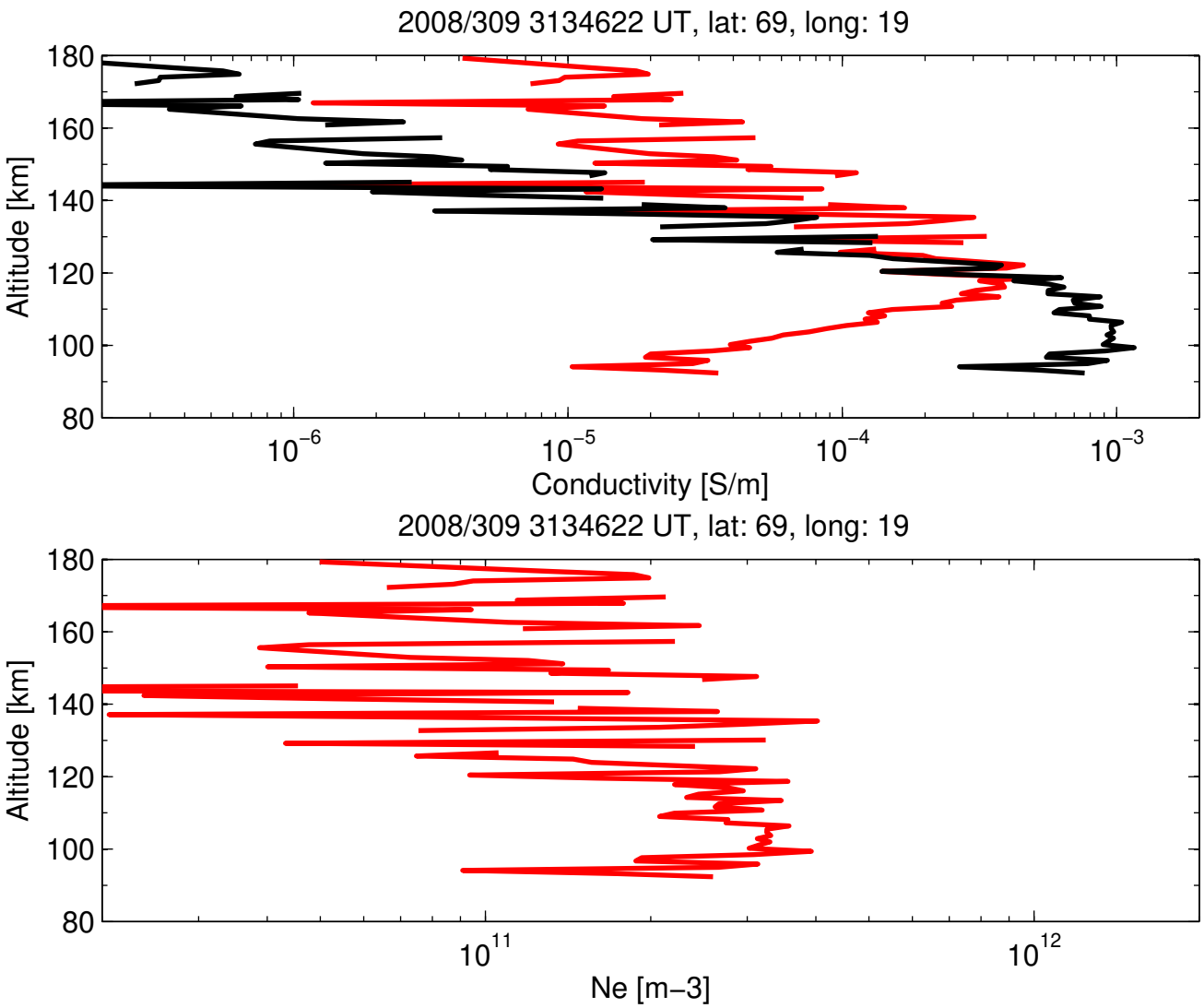
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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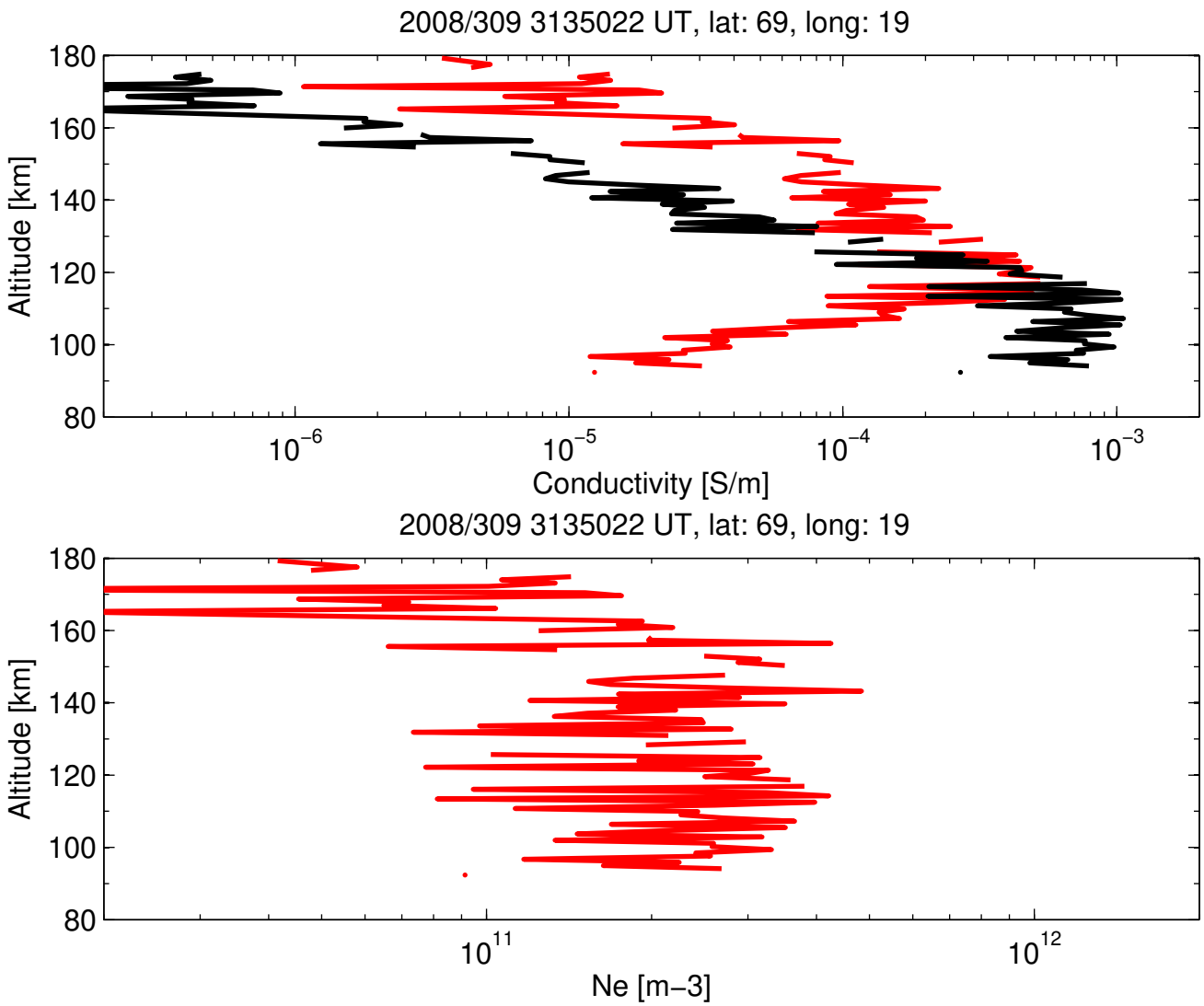
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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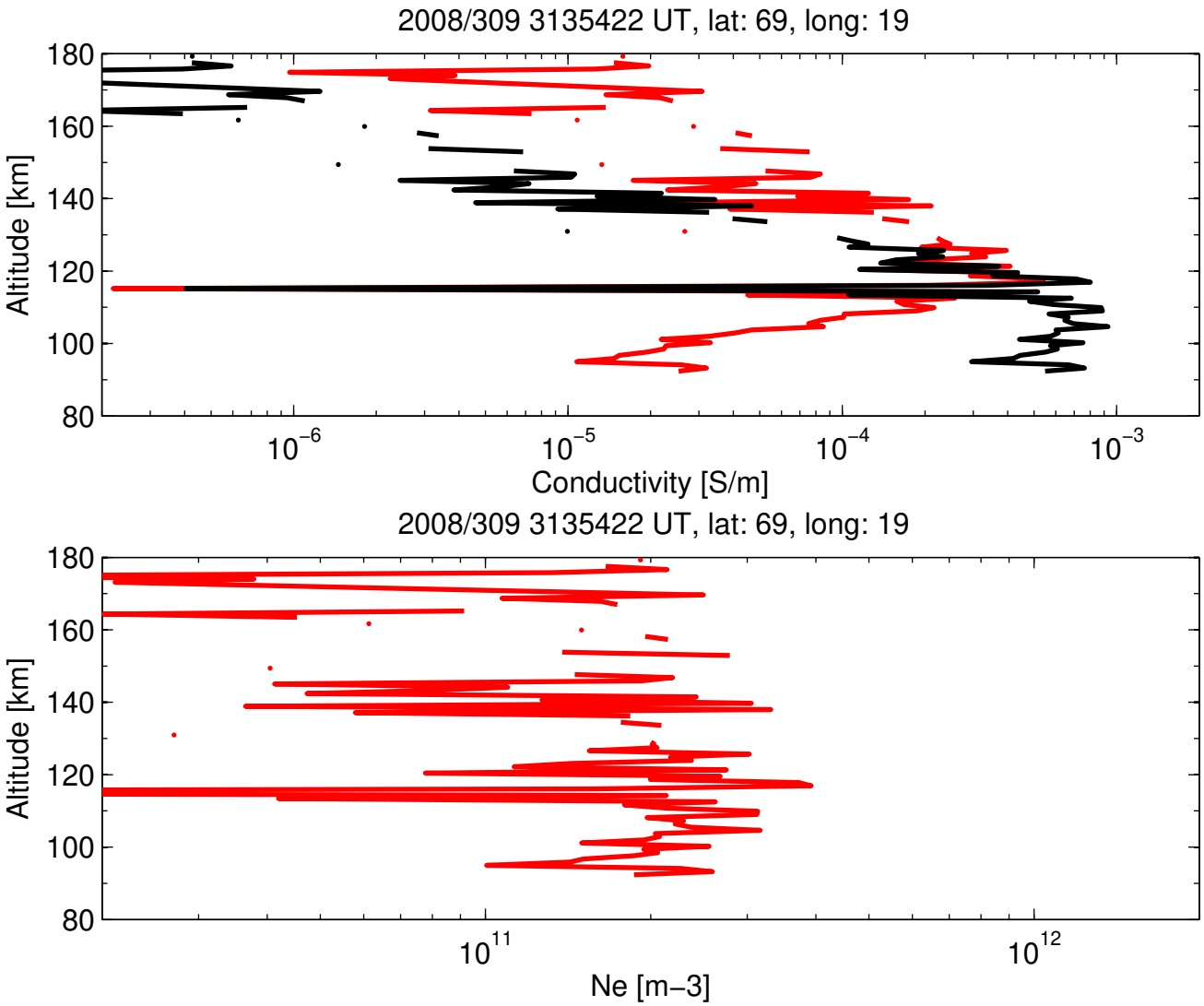
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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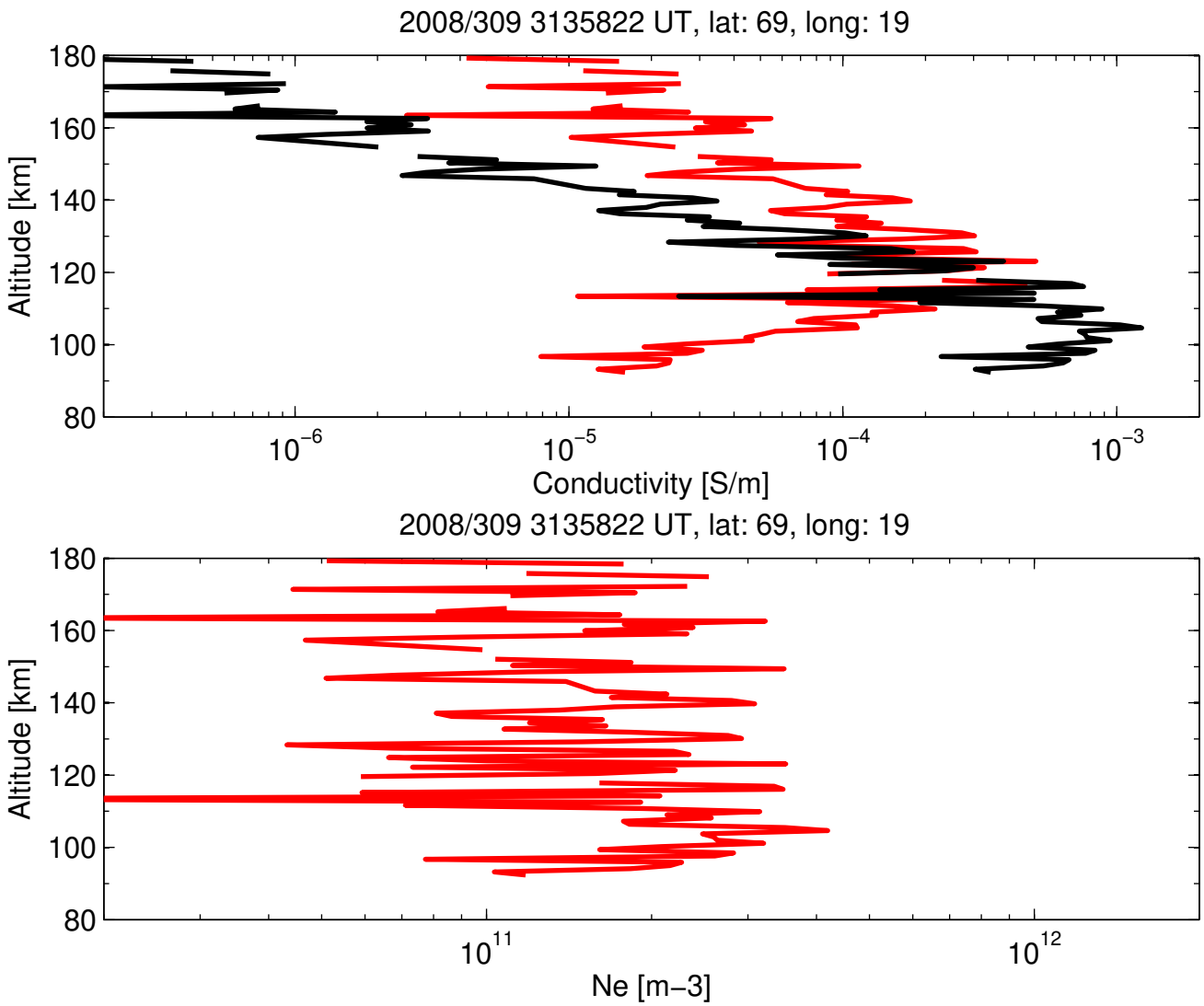
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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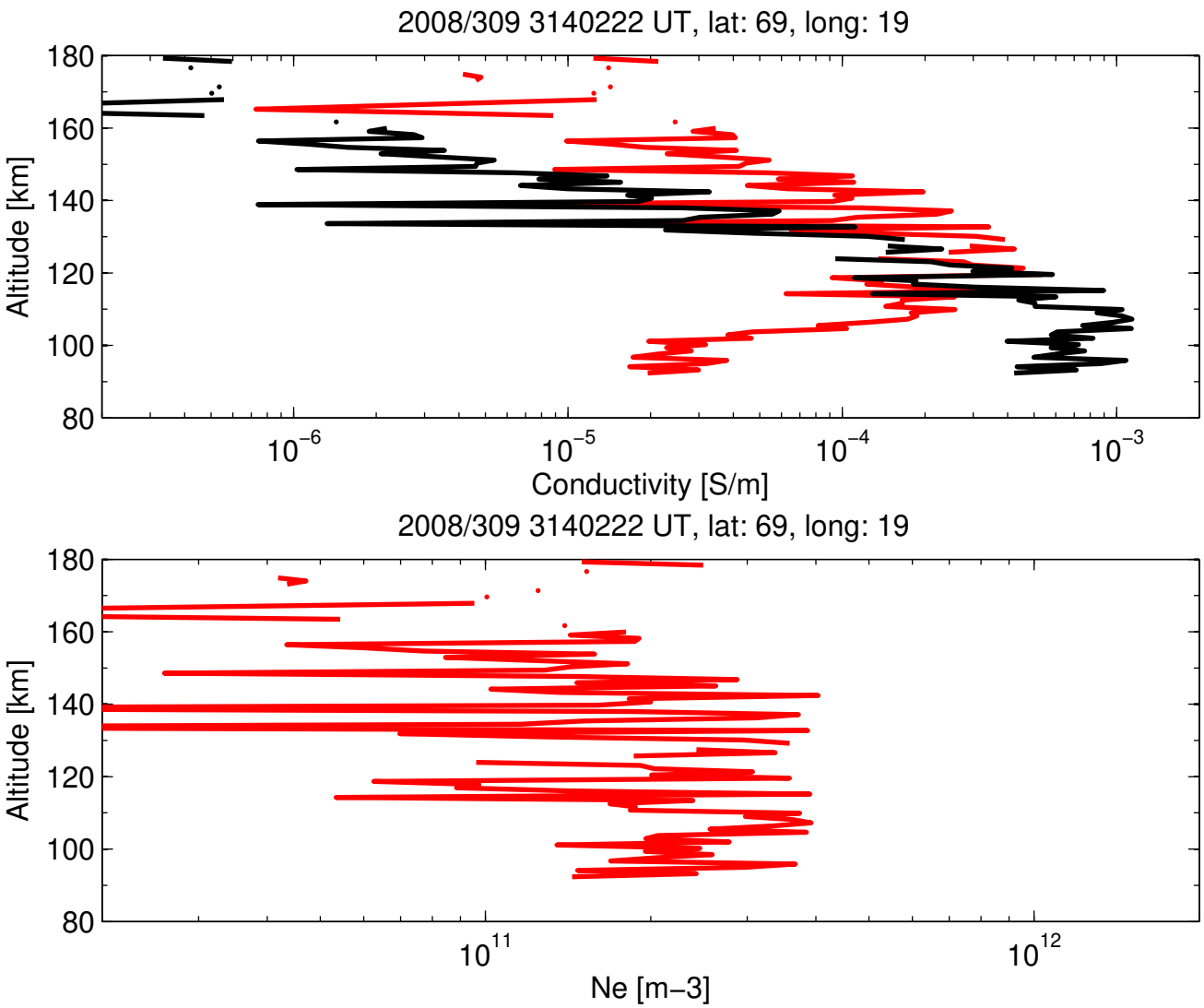
Ne [m−3]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Altitude [km]
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100
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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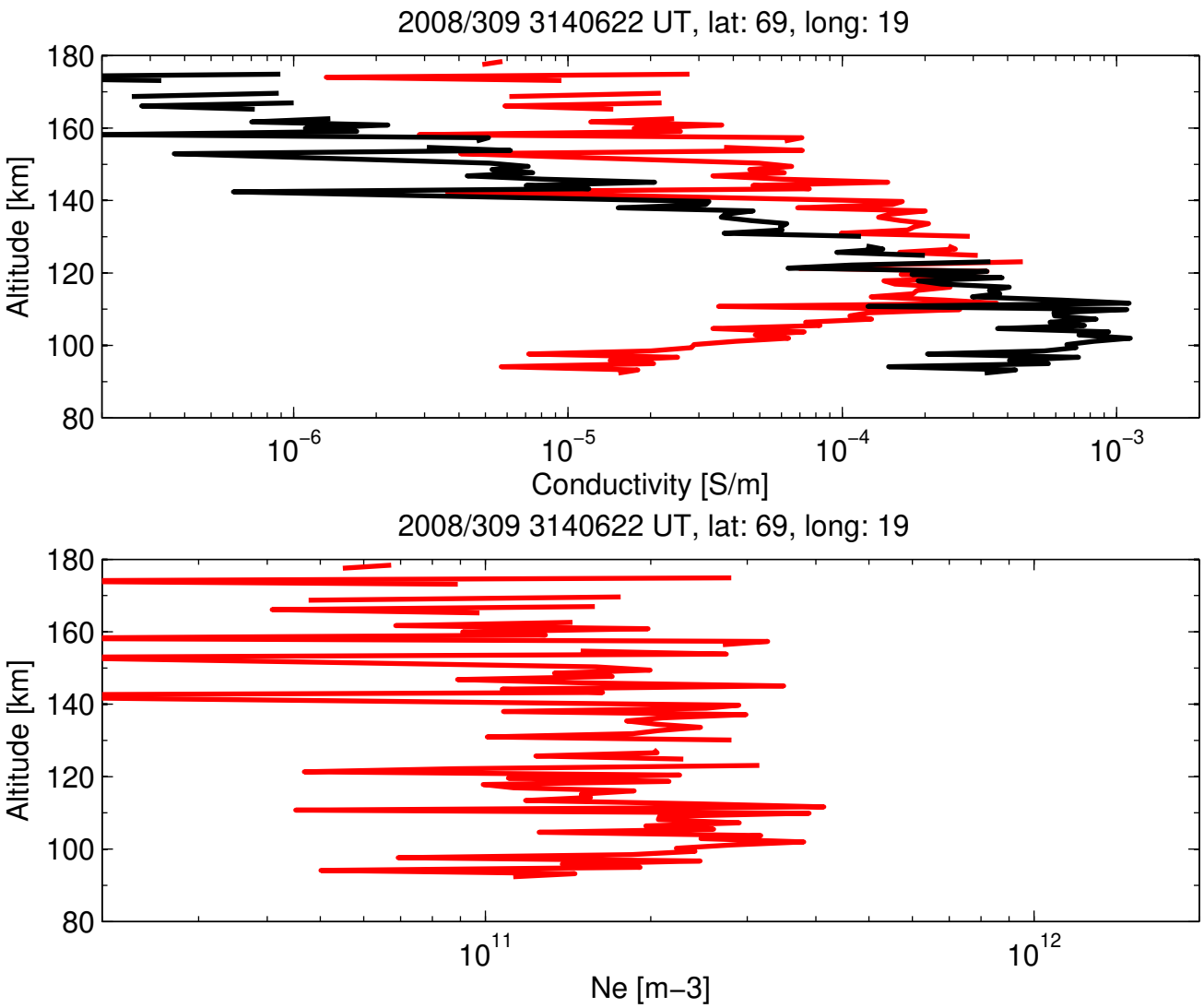
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3140622 UT, lat: 69, long: 19
Altitude [km]
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100
80
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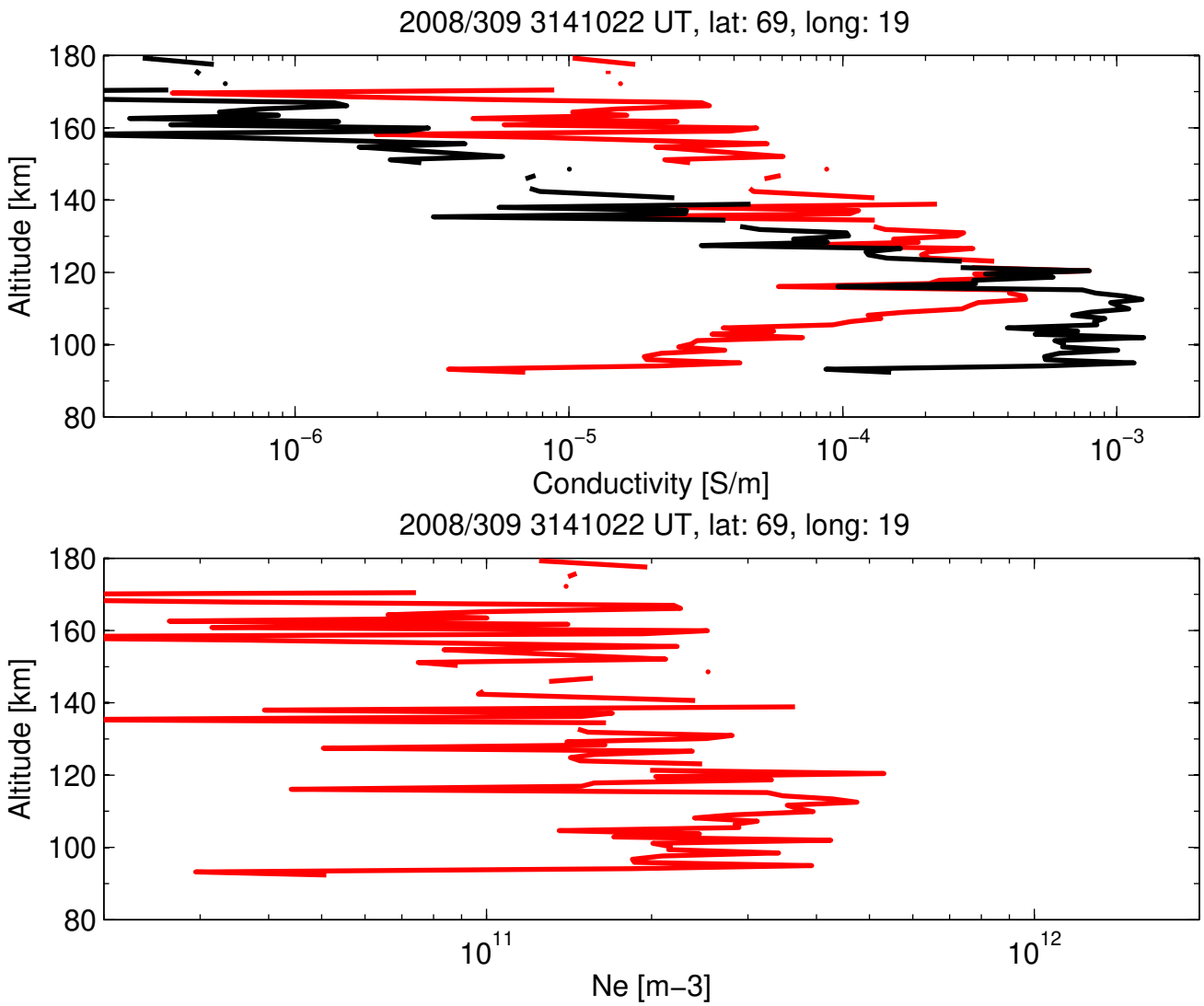
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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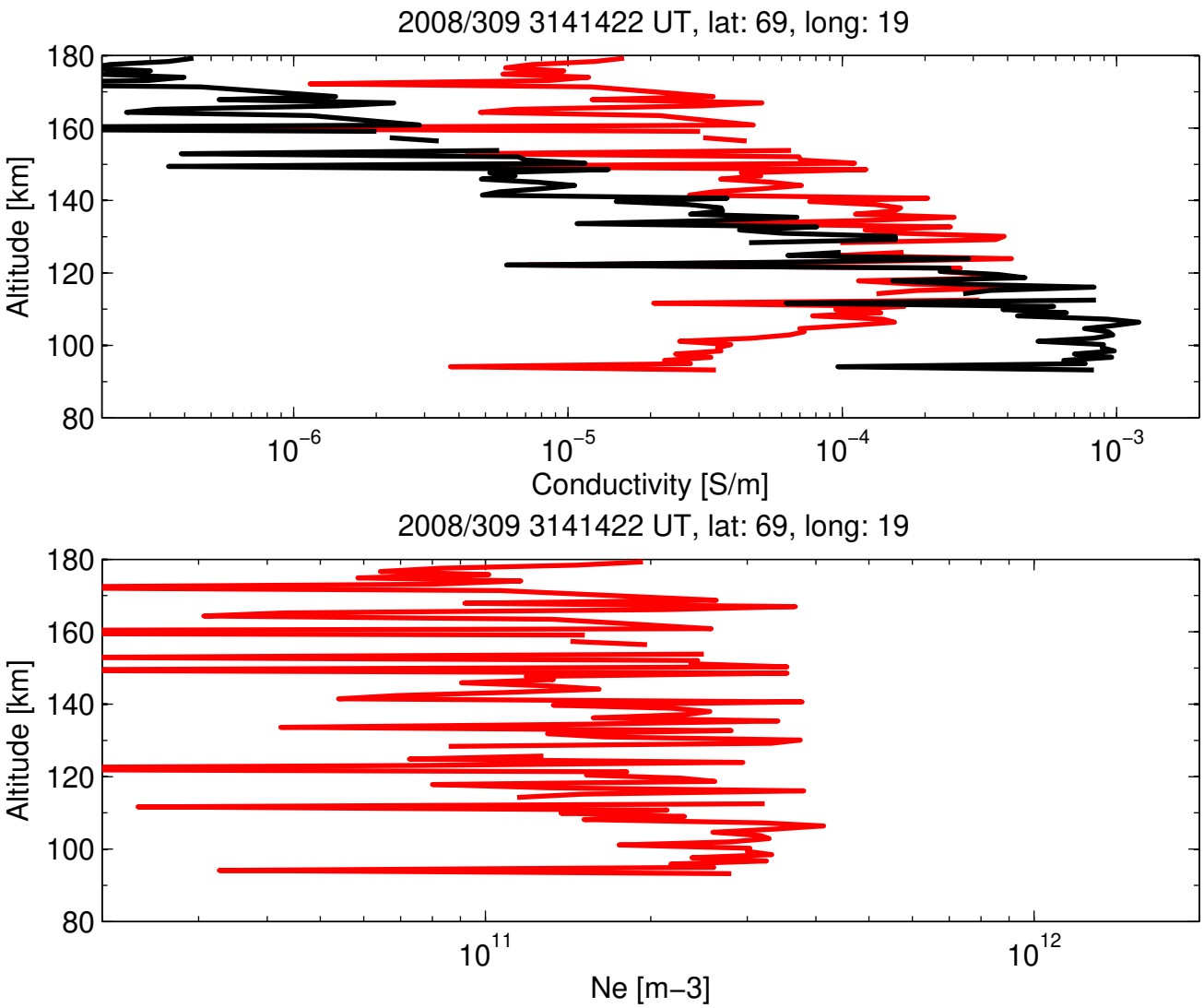
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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80
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10^{12}
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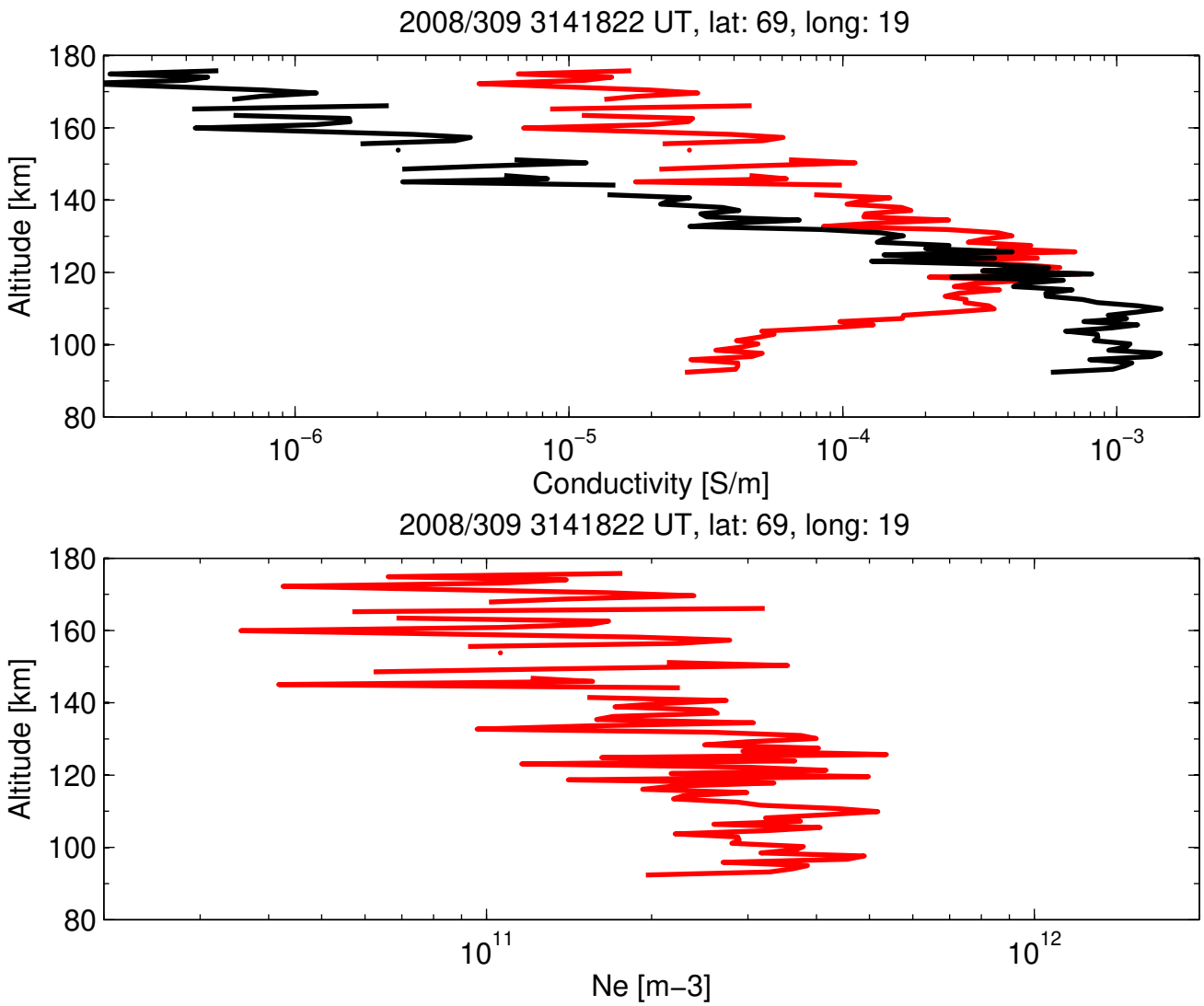
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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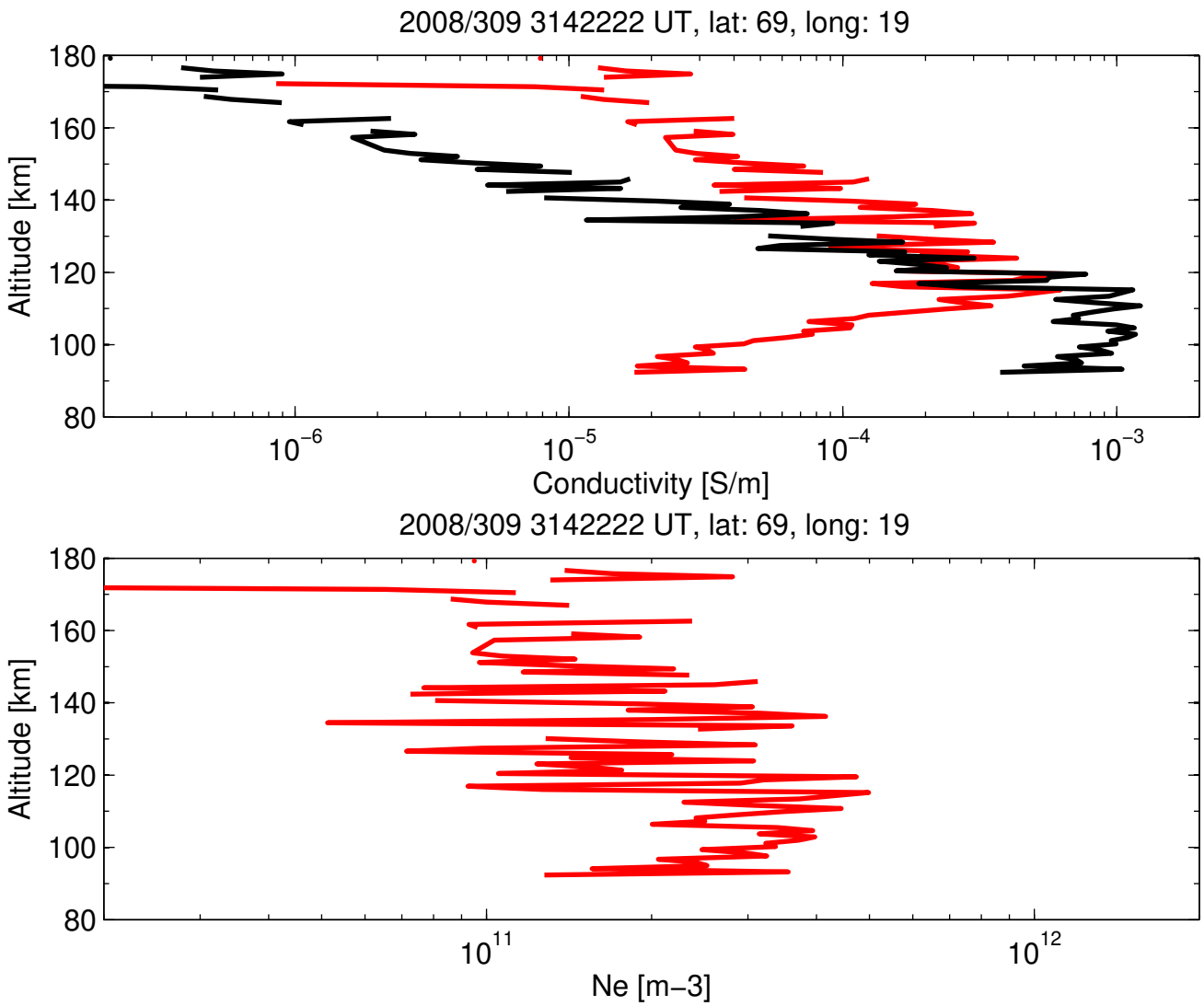
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3142222 UT, lat: 69, long: 19
Altitude [km]
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10^{12}
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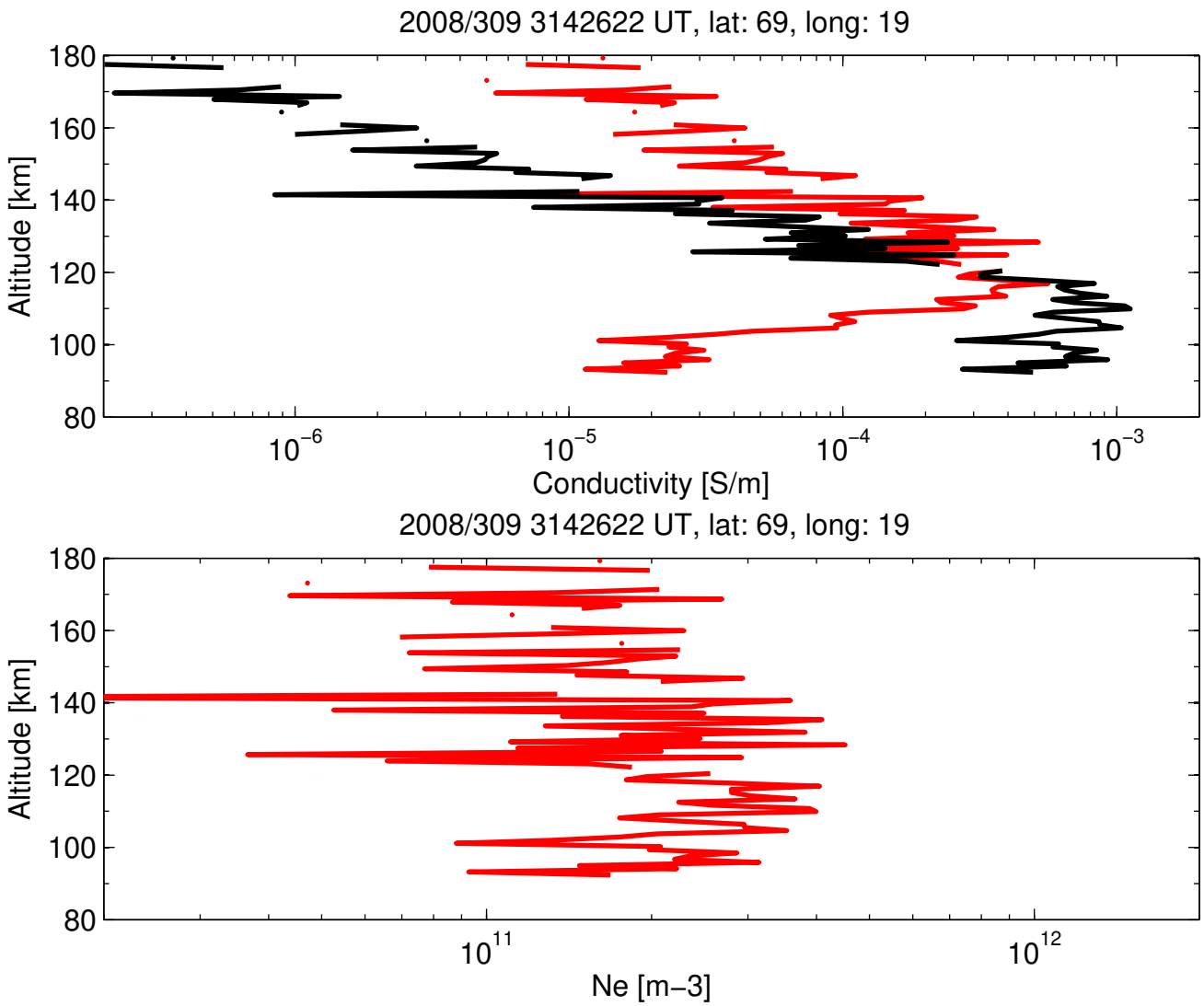
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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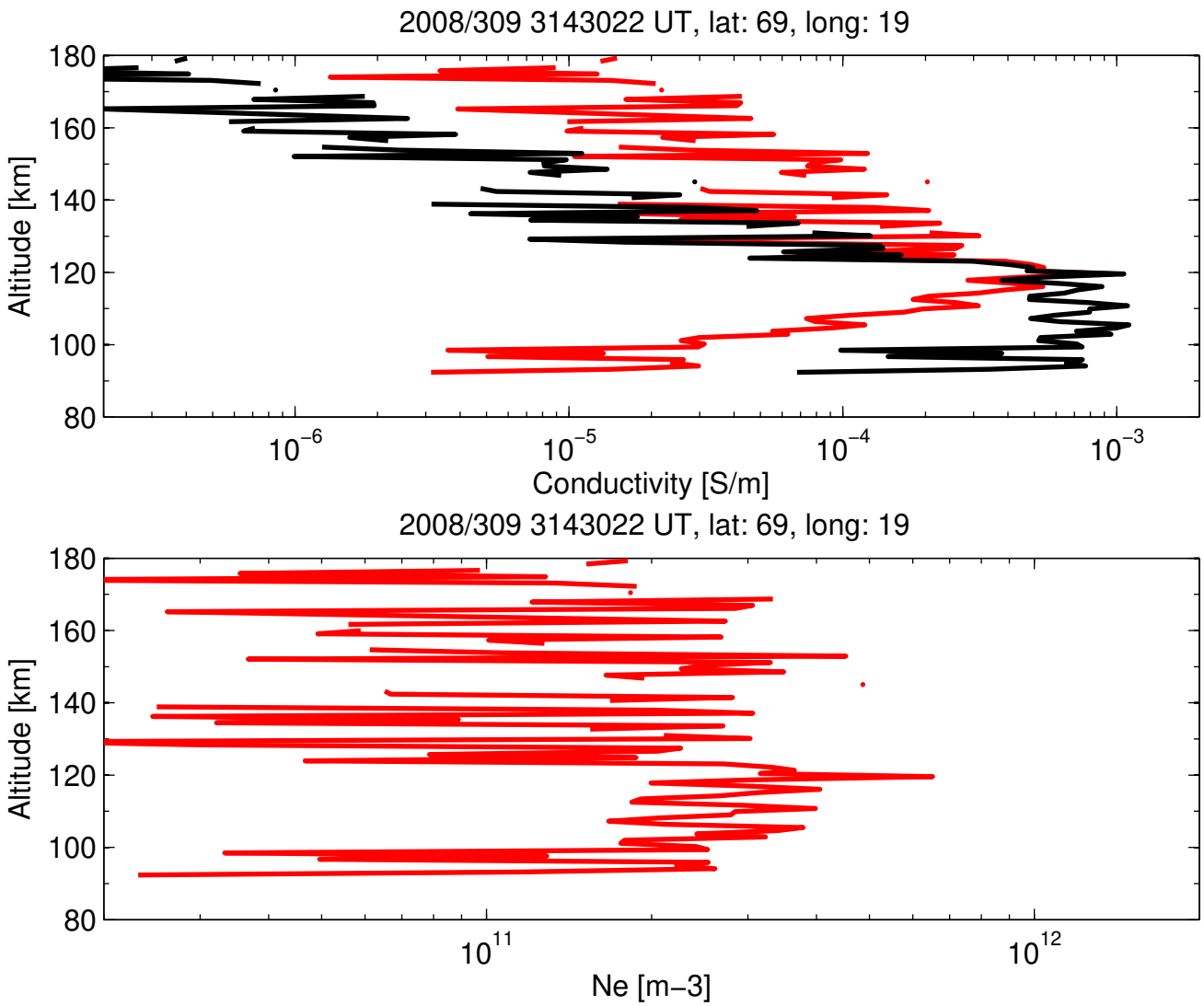
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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80
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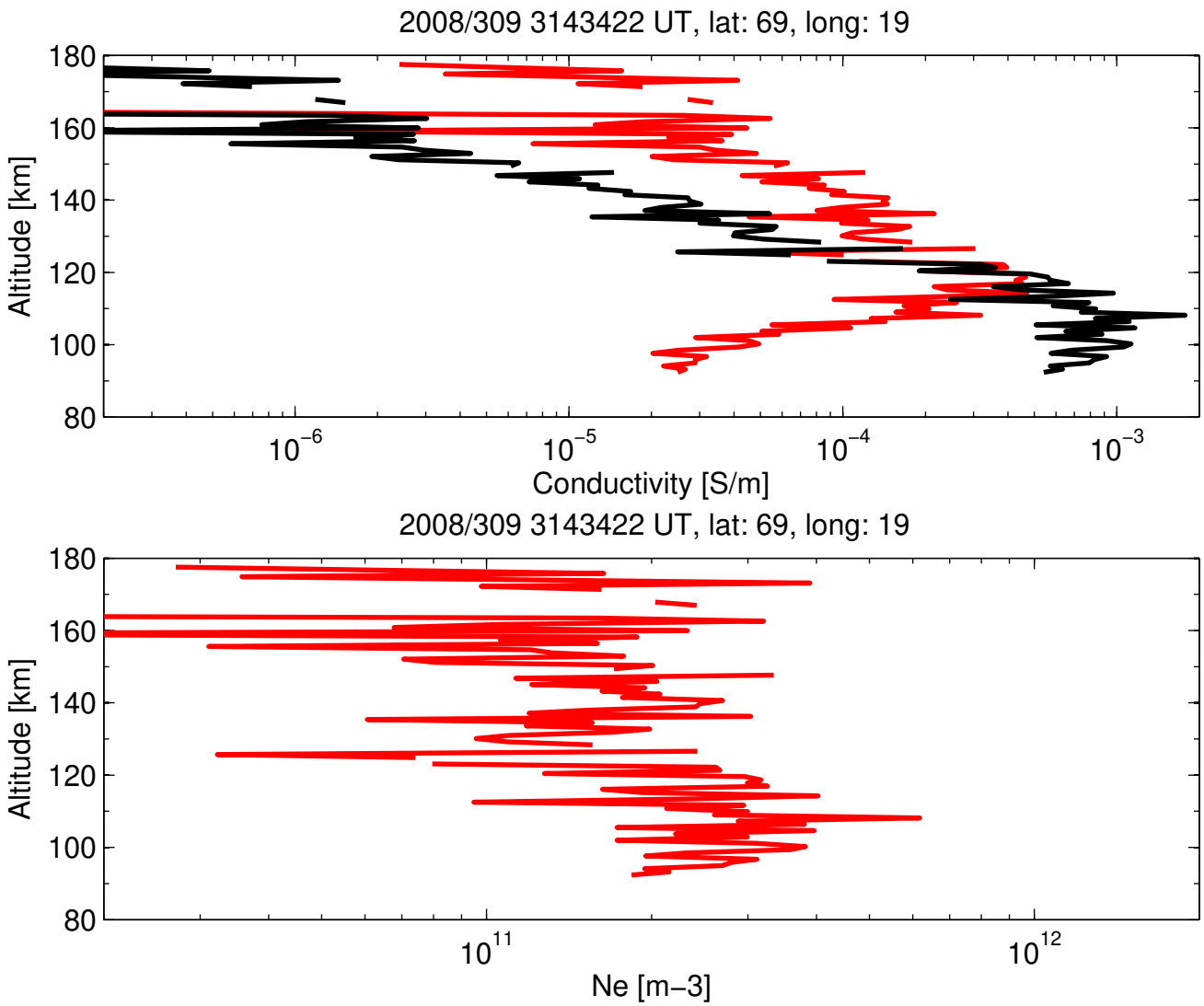
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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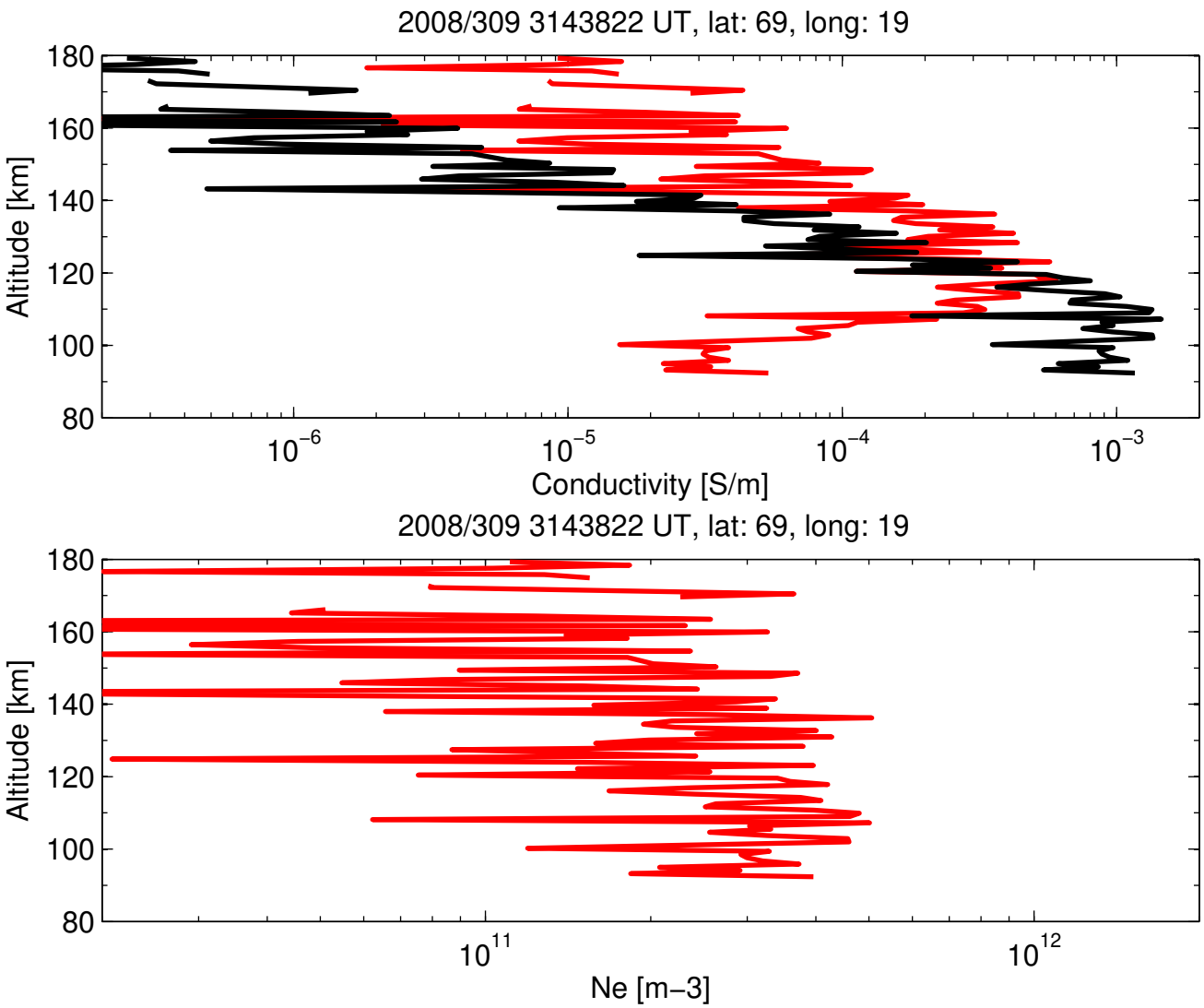
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3143822 UT, lat: 69, long: 19
Altitude [km]
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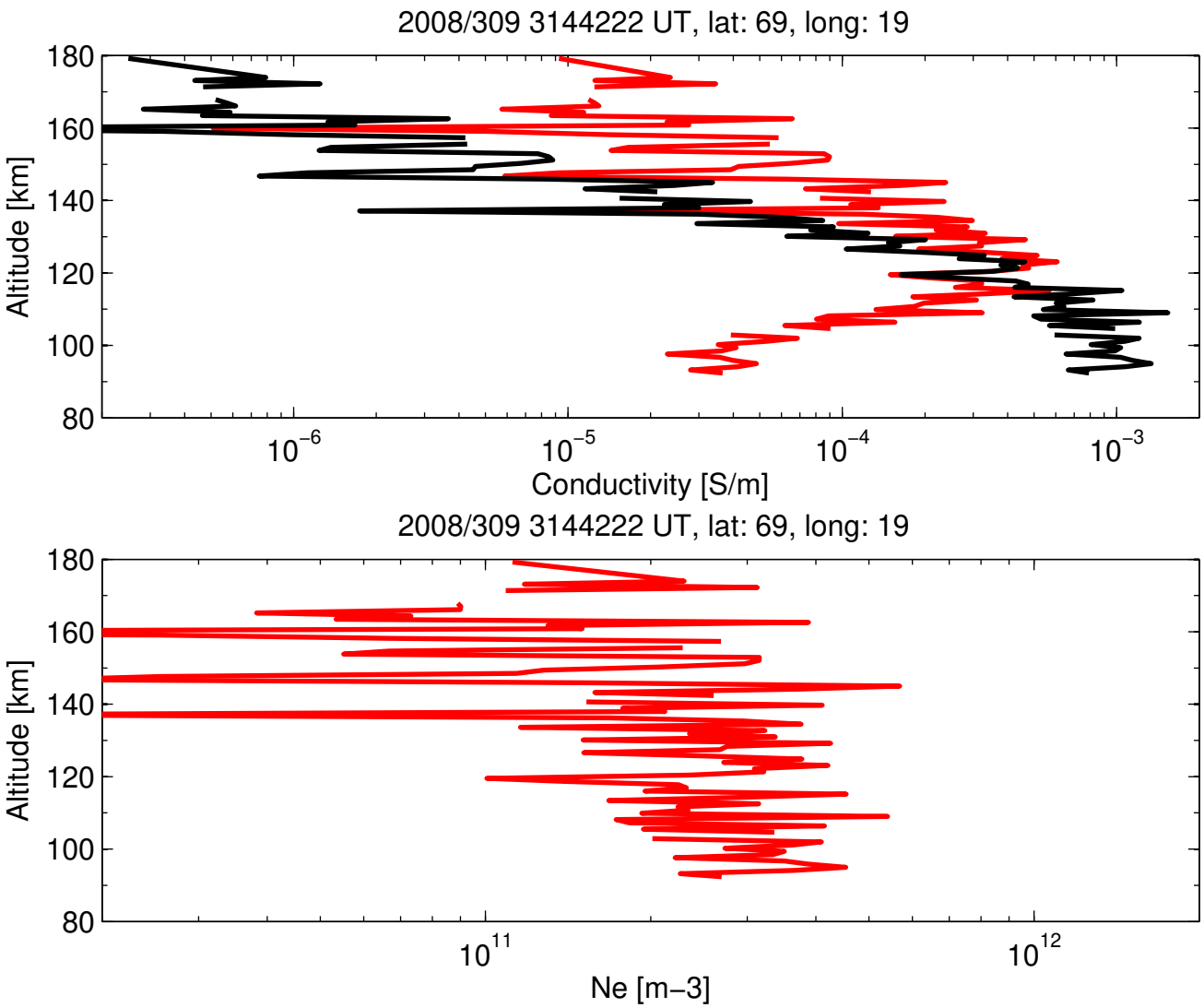
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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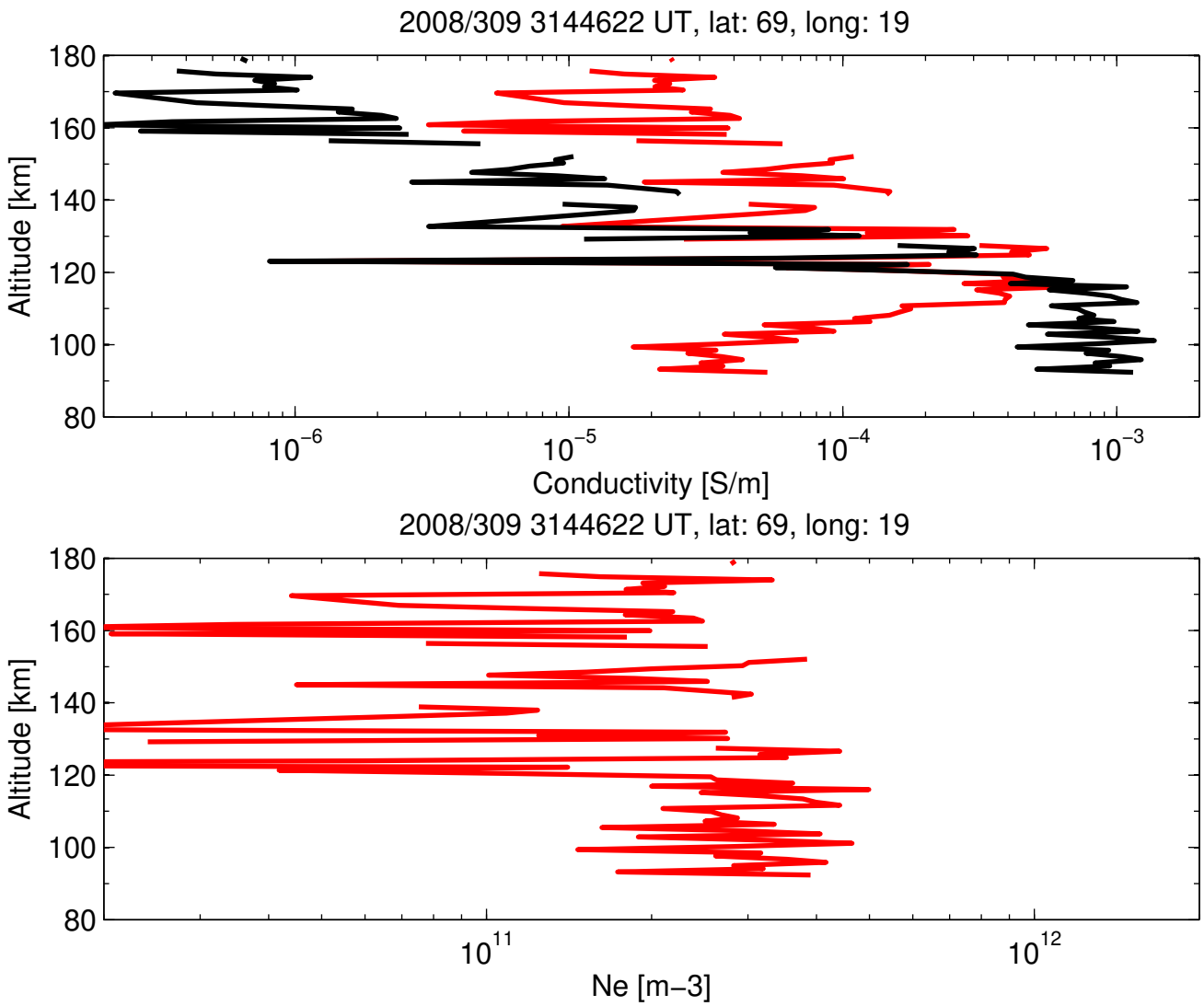
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3144622 UT, lat: 69, long: 19
Altitude [km]
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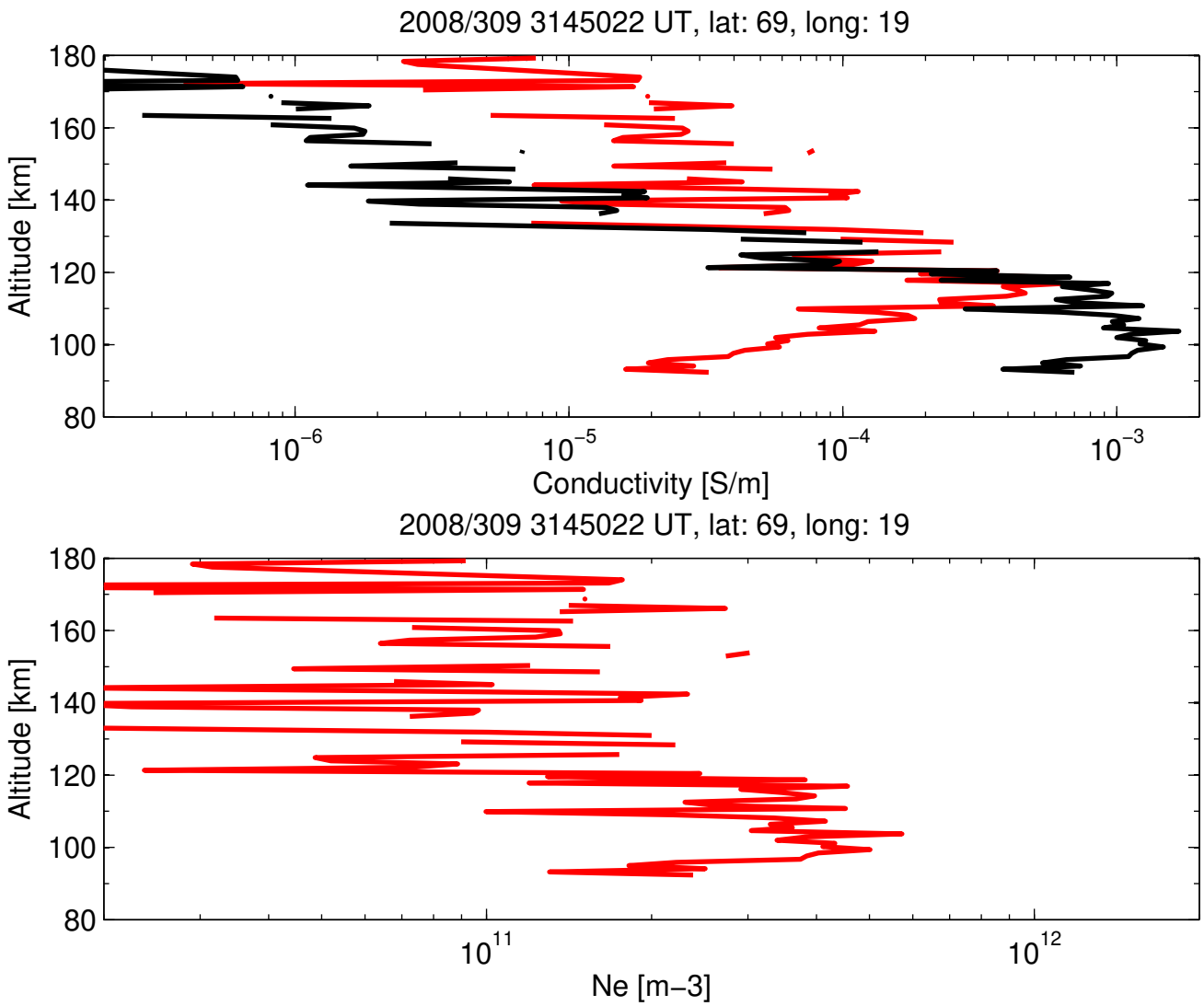
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
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Conductivity [S/m]
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Altitude [km]
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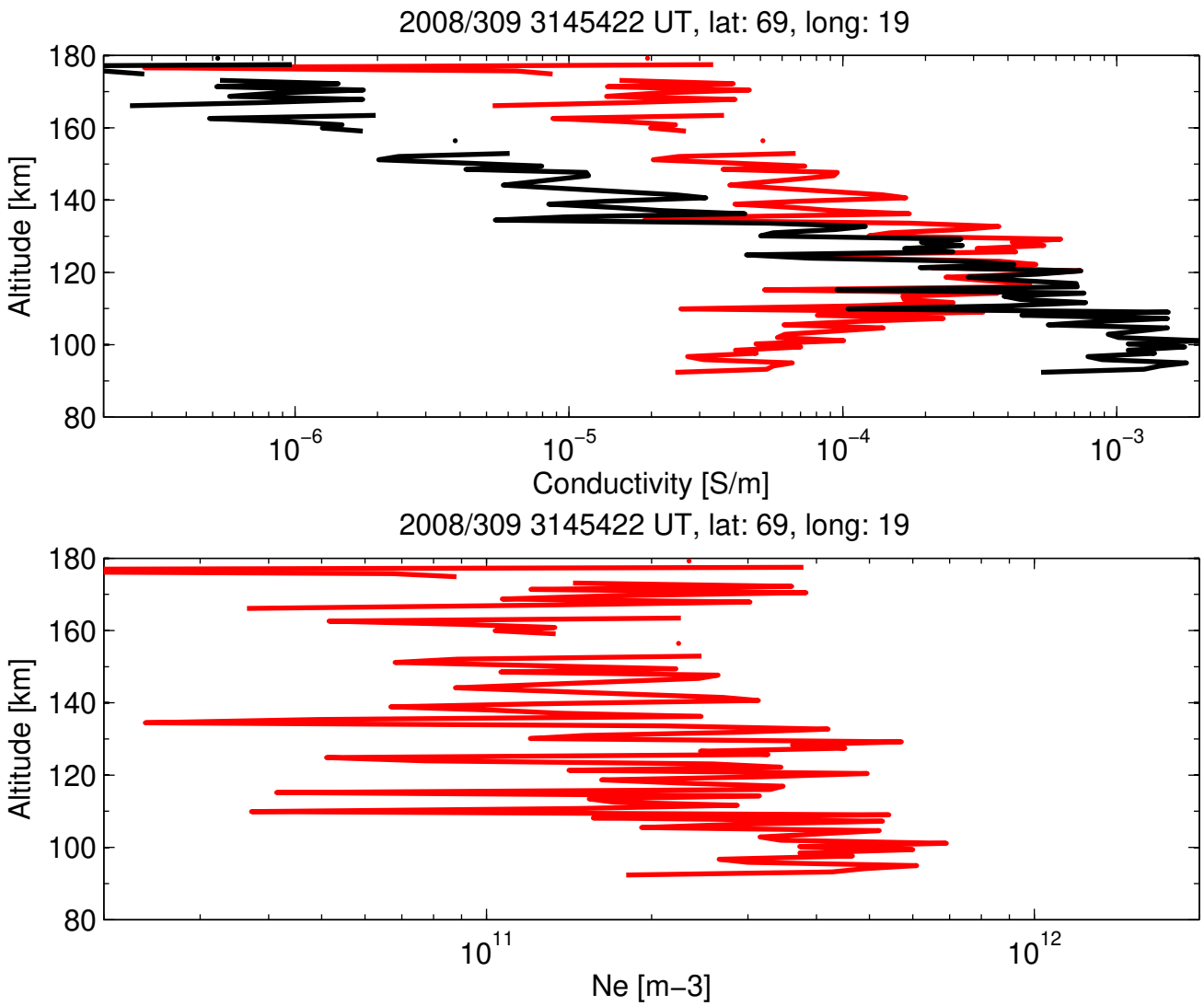
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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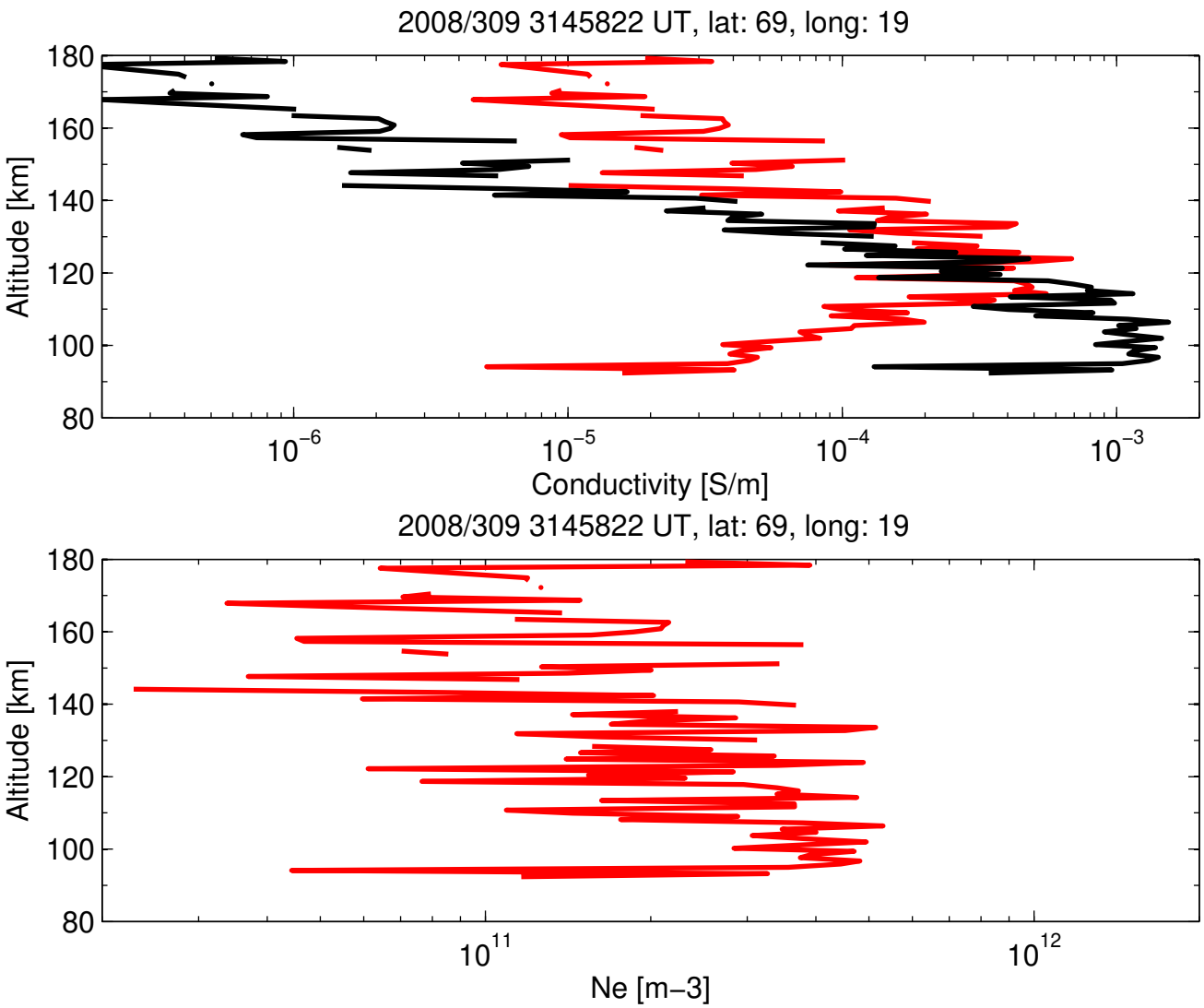
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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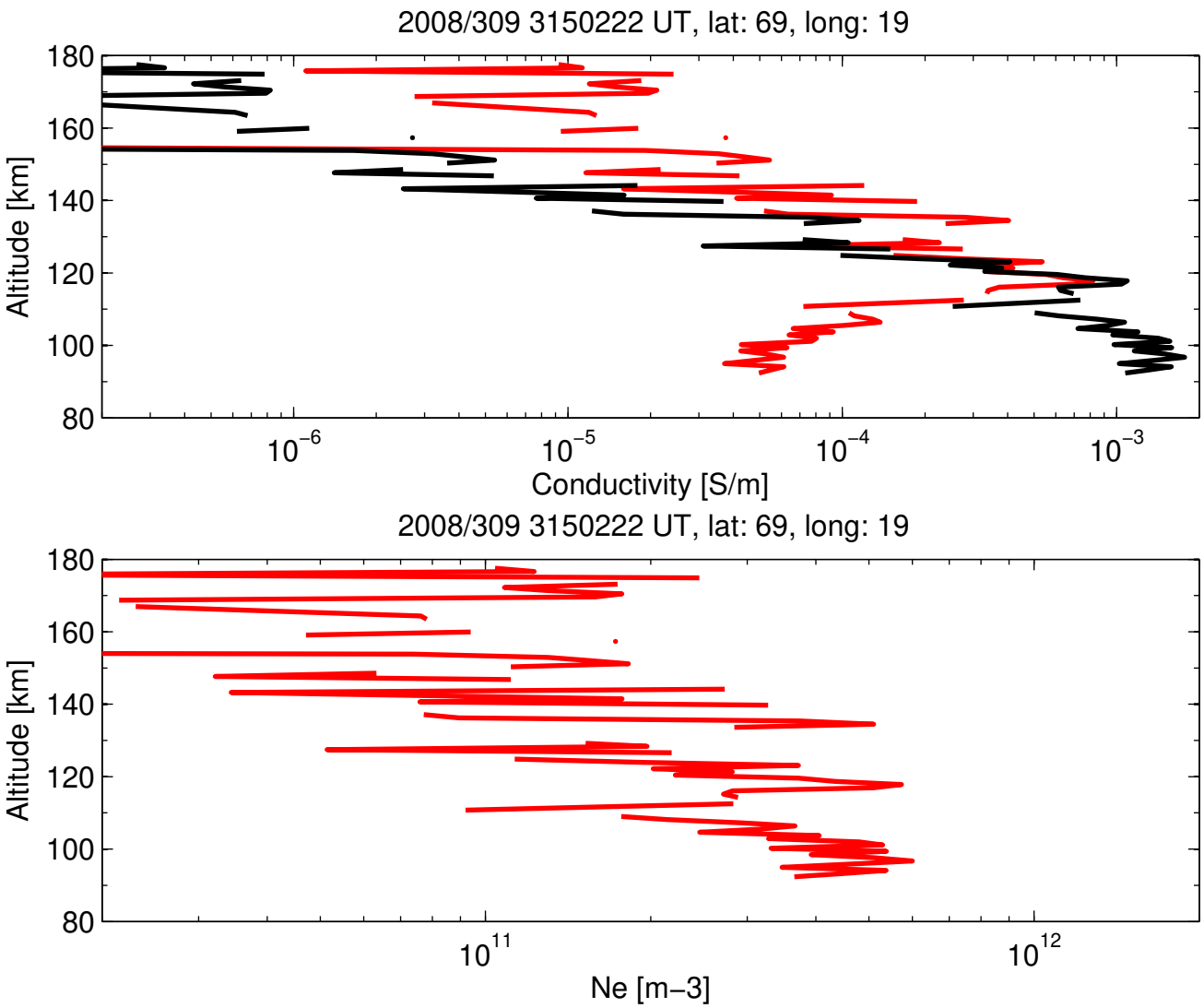
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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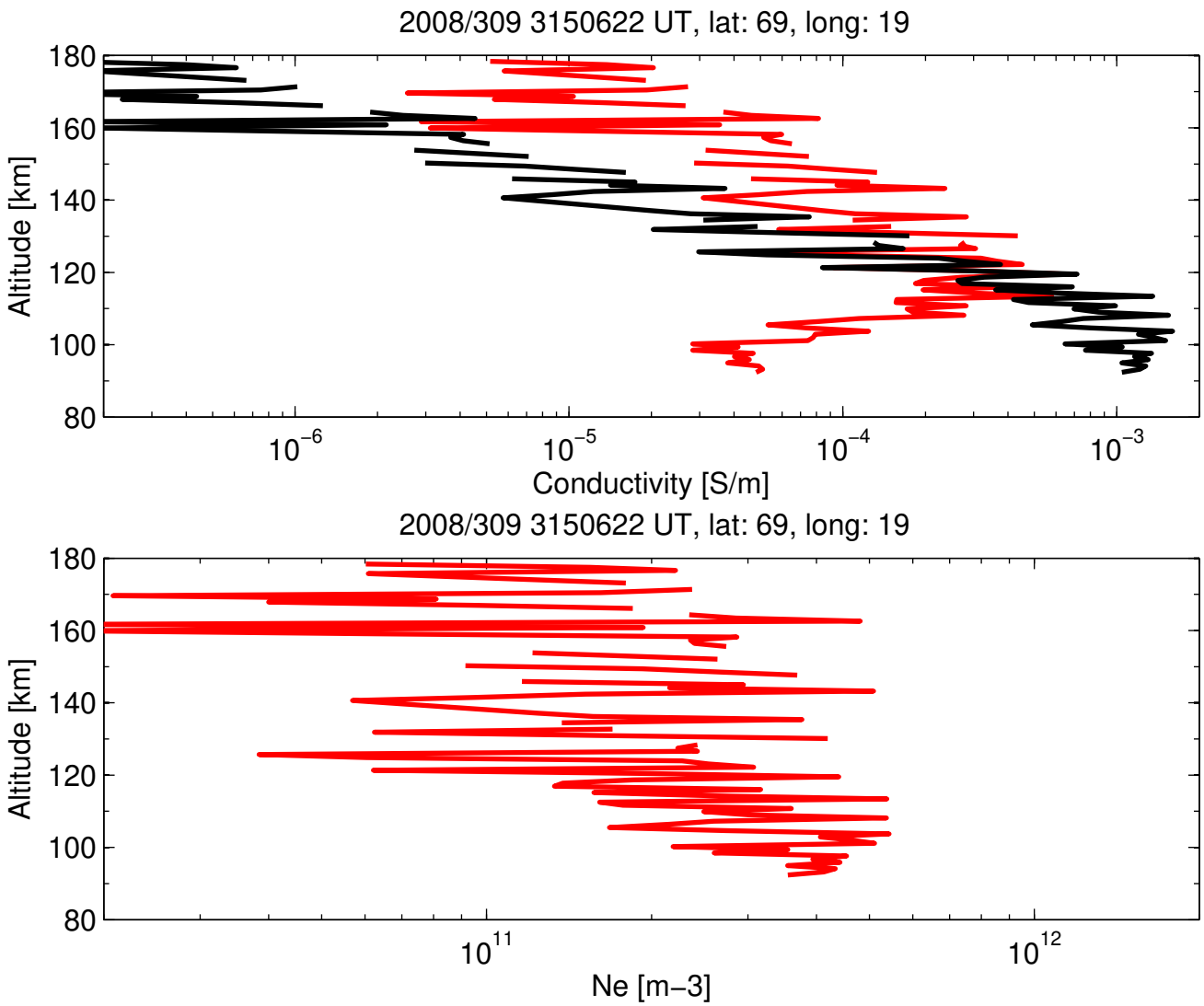
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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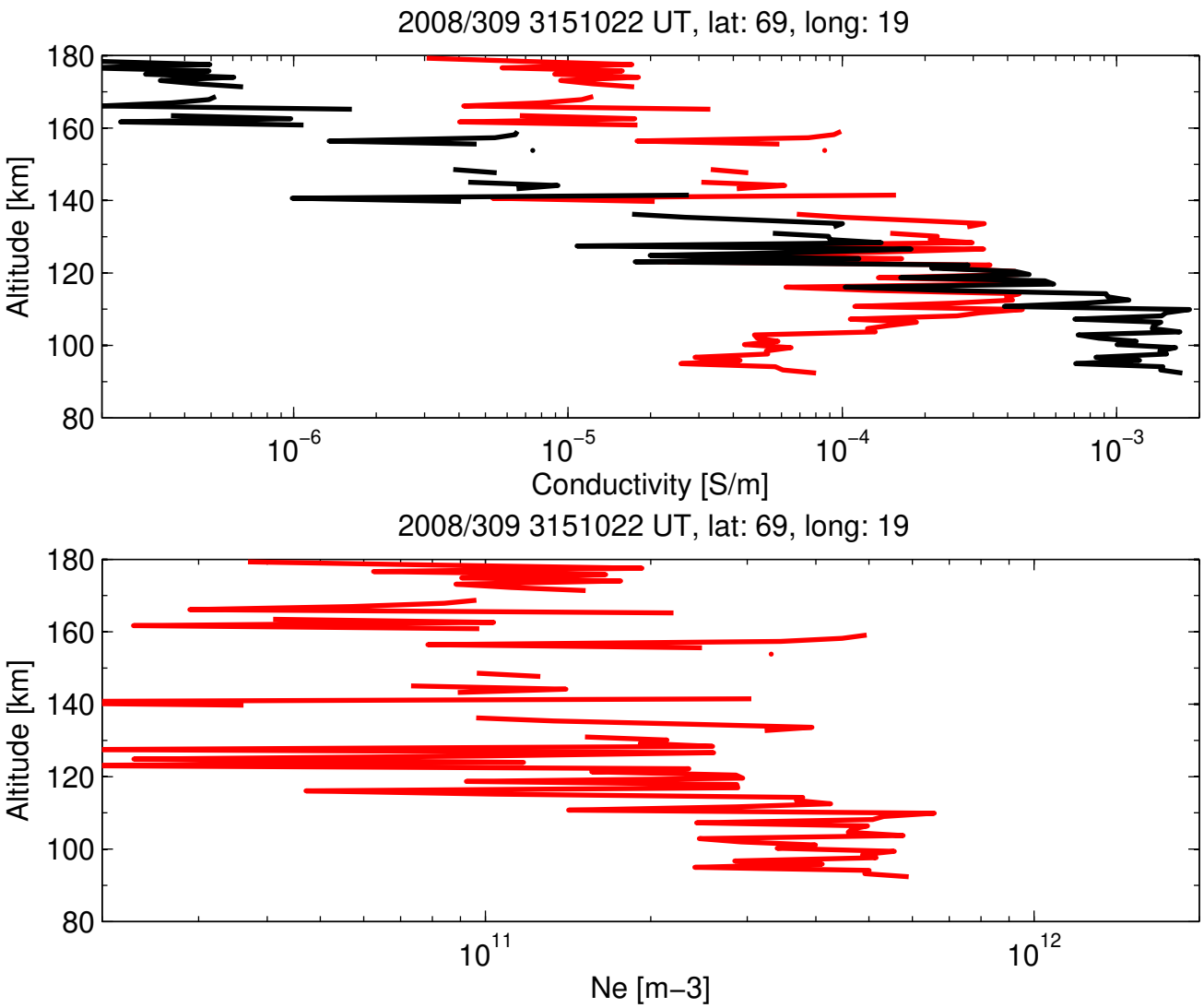
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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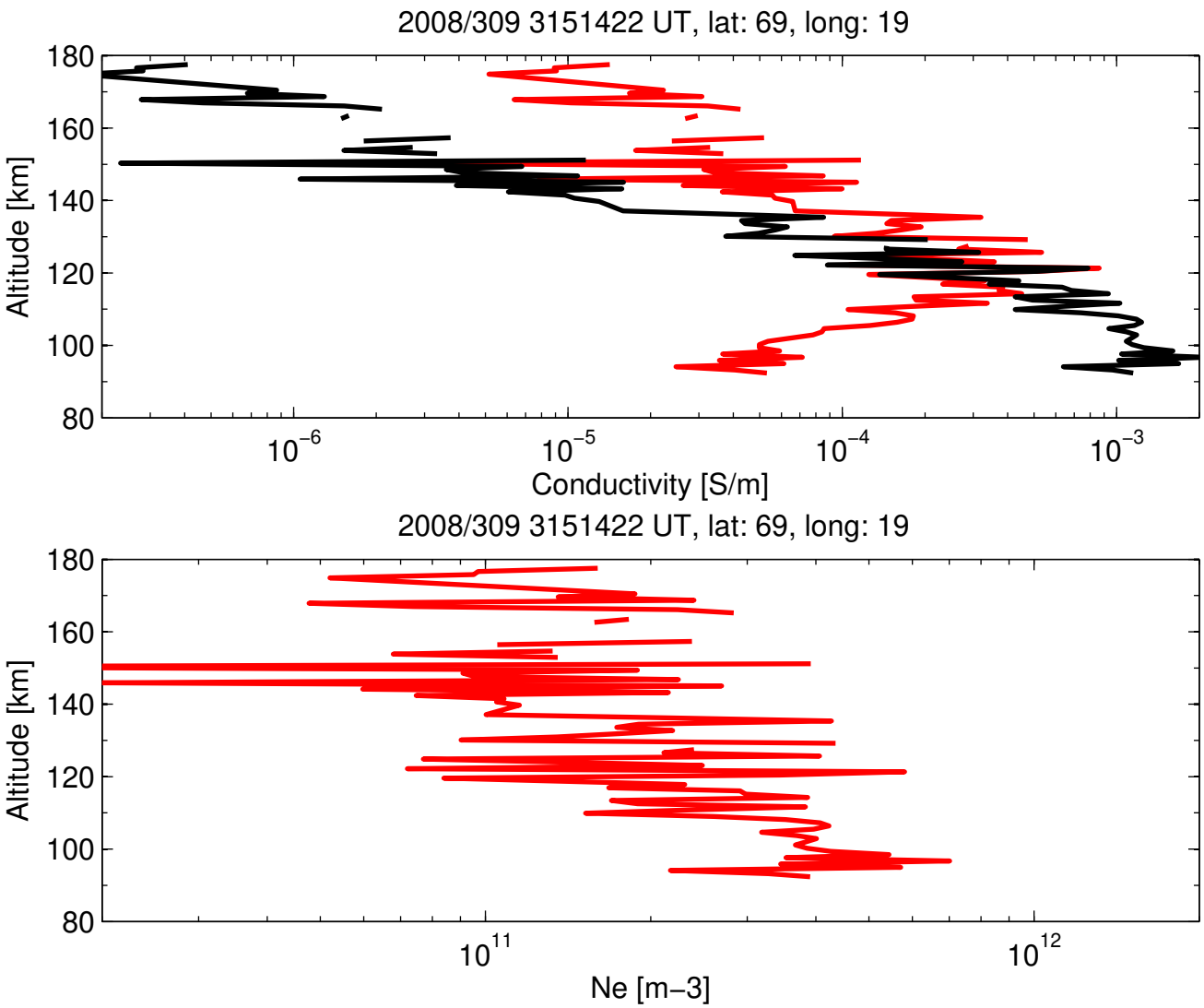
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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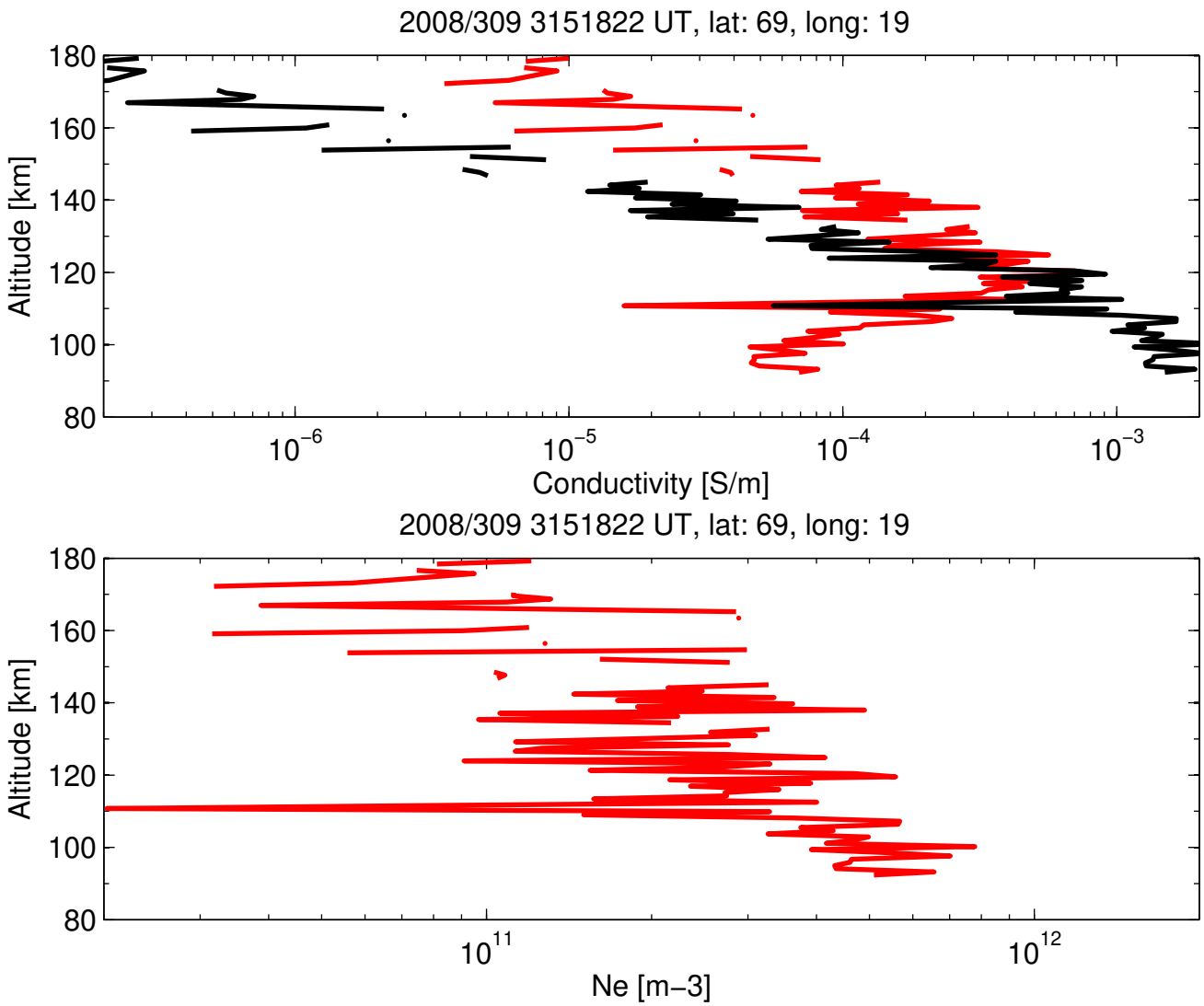
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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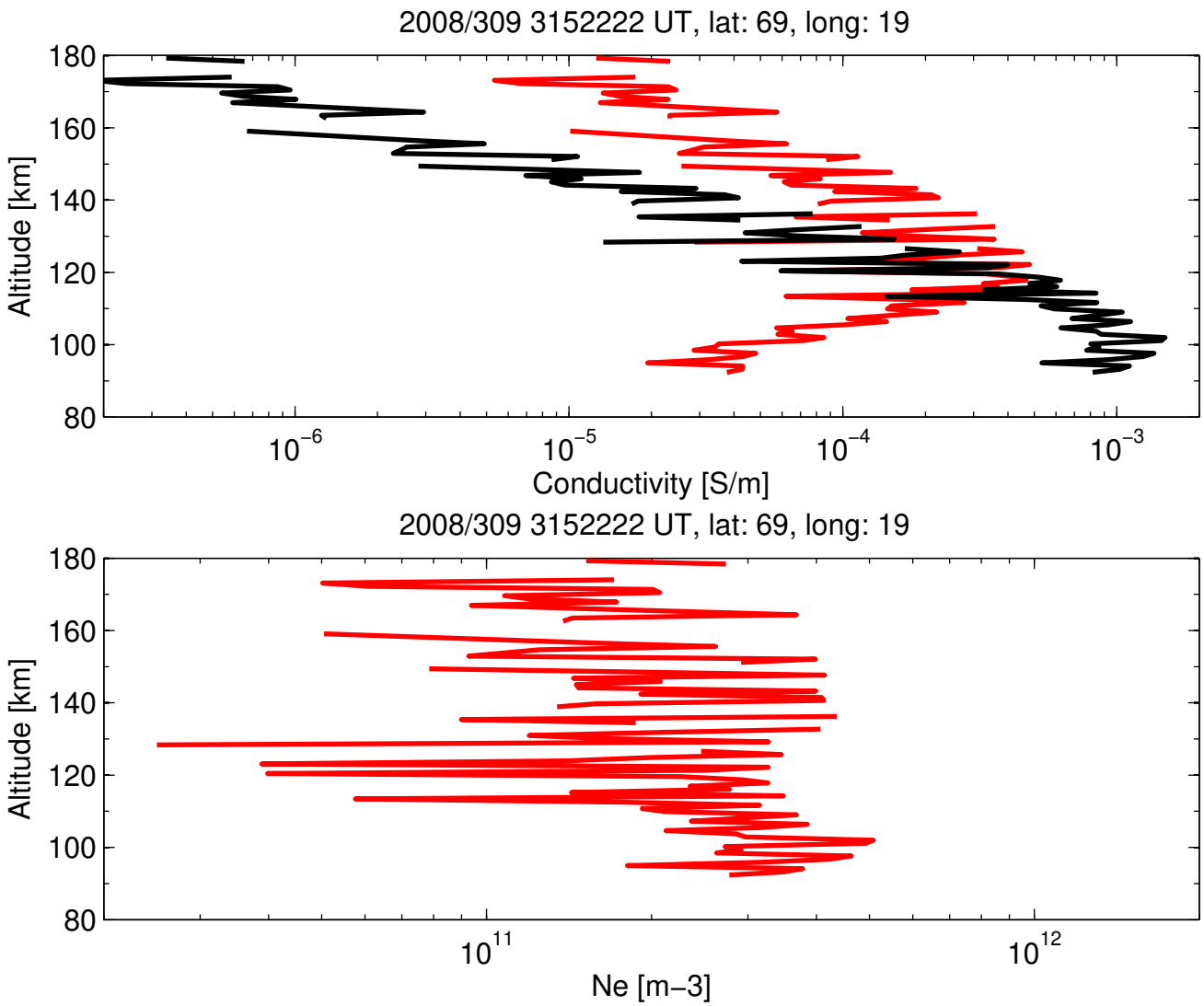
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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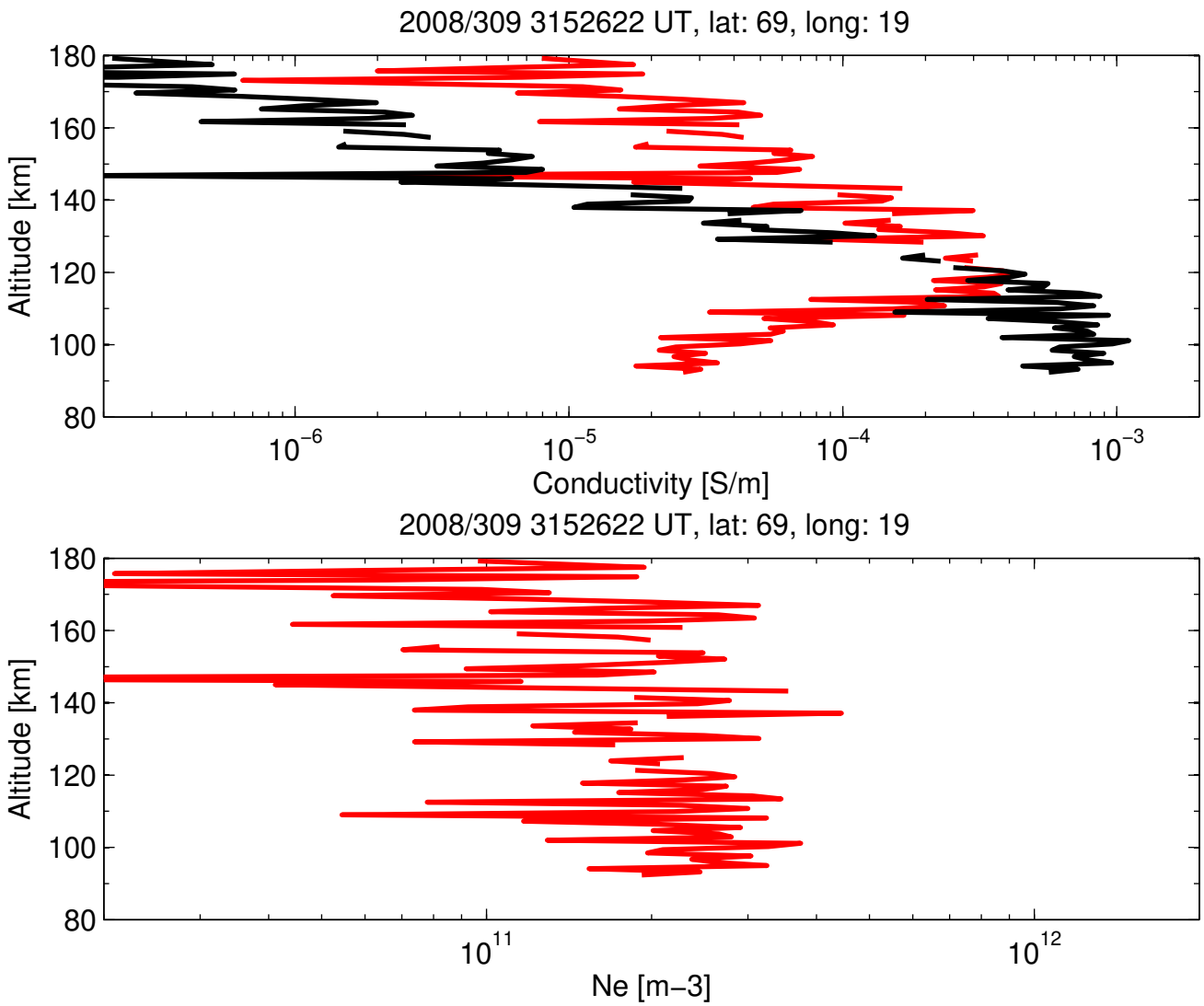
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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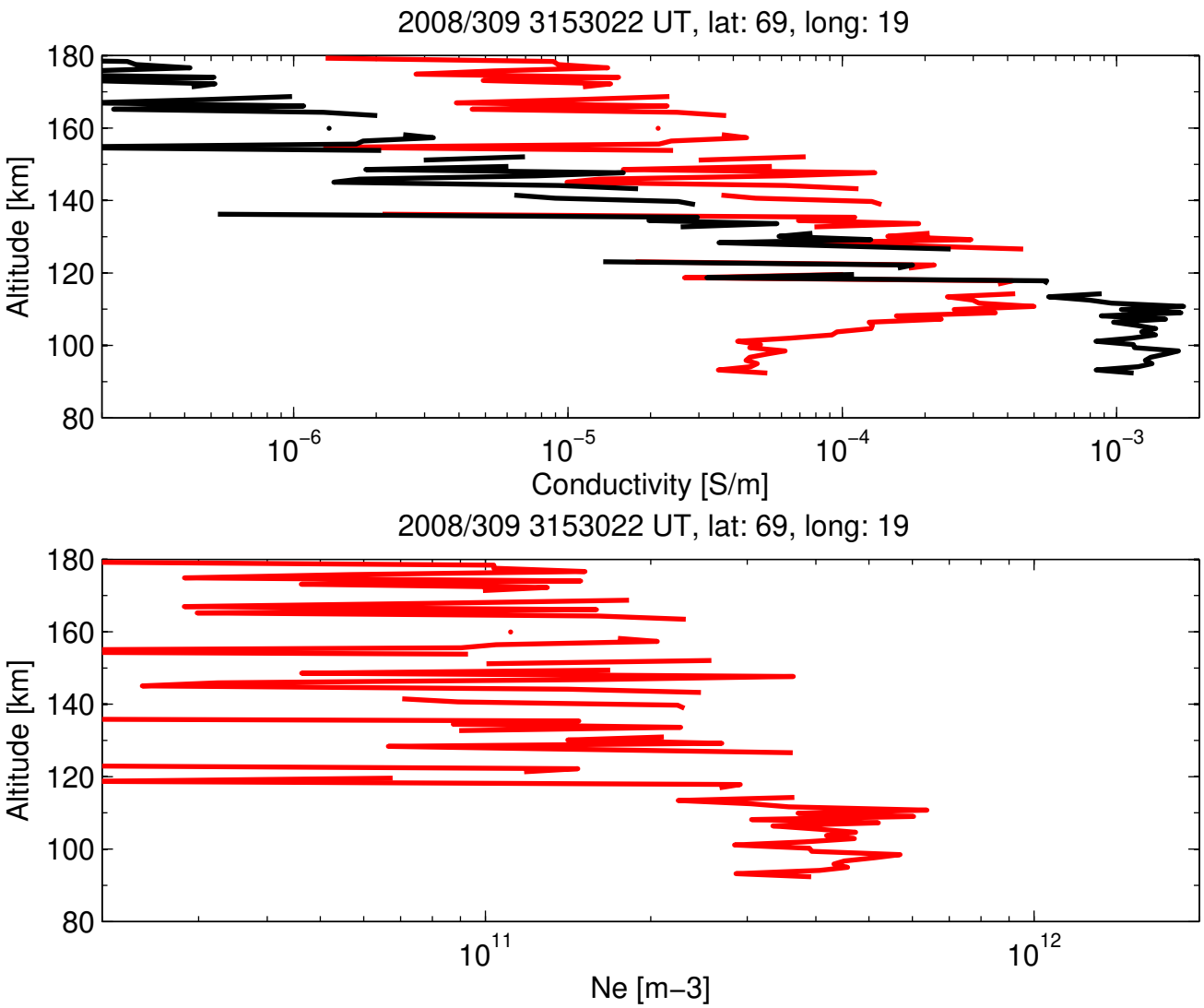
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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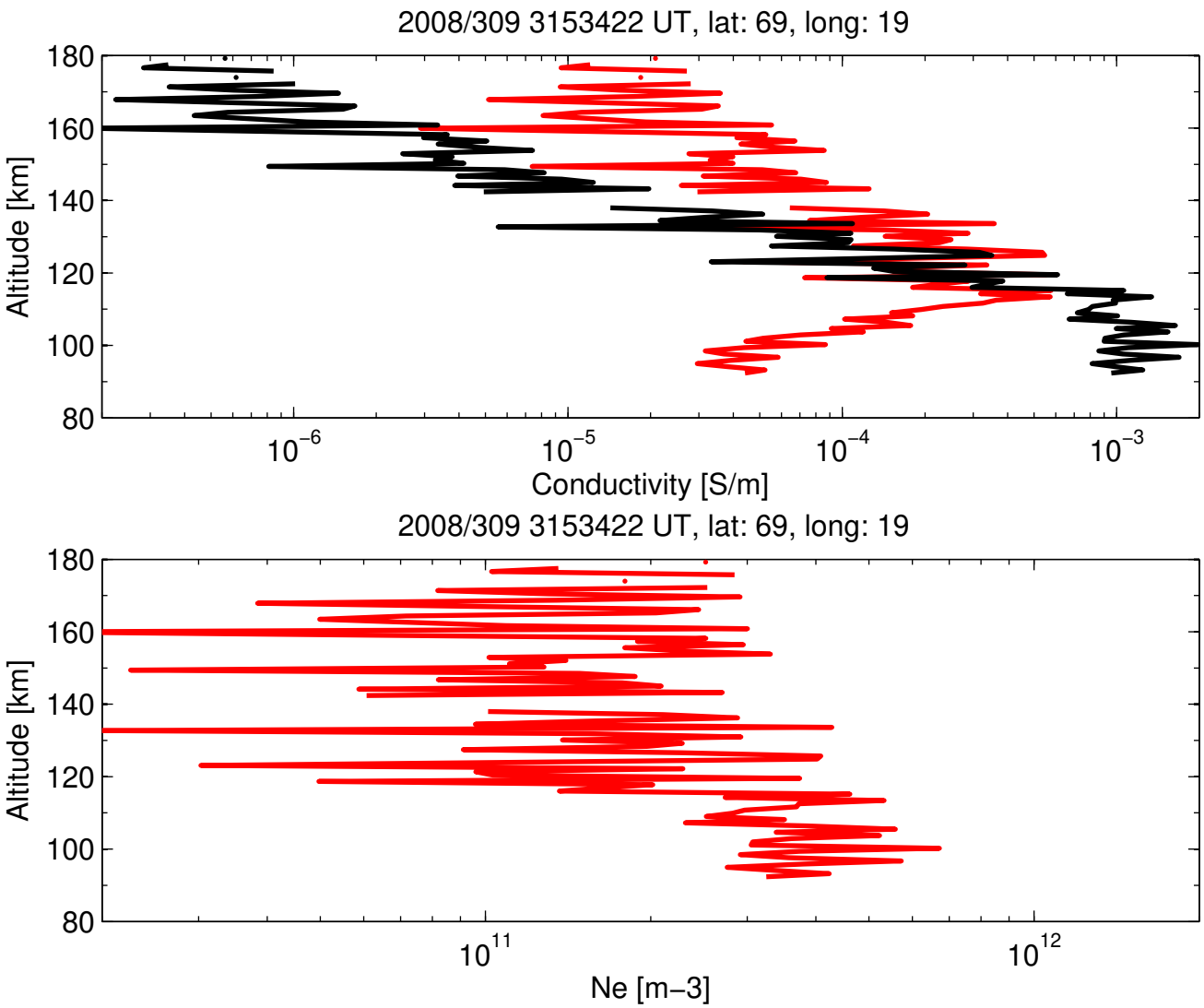
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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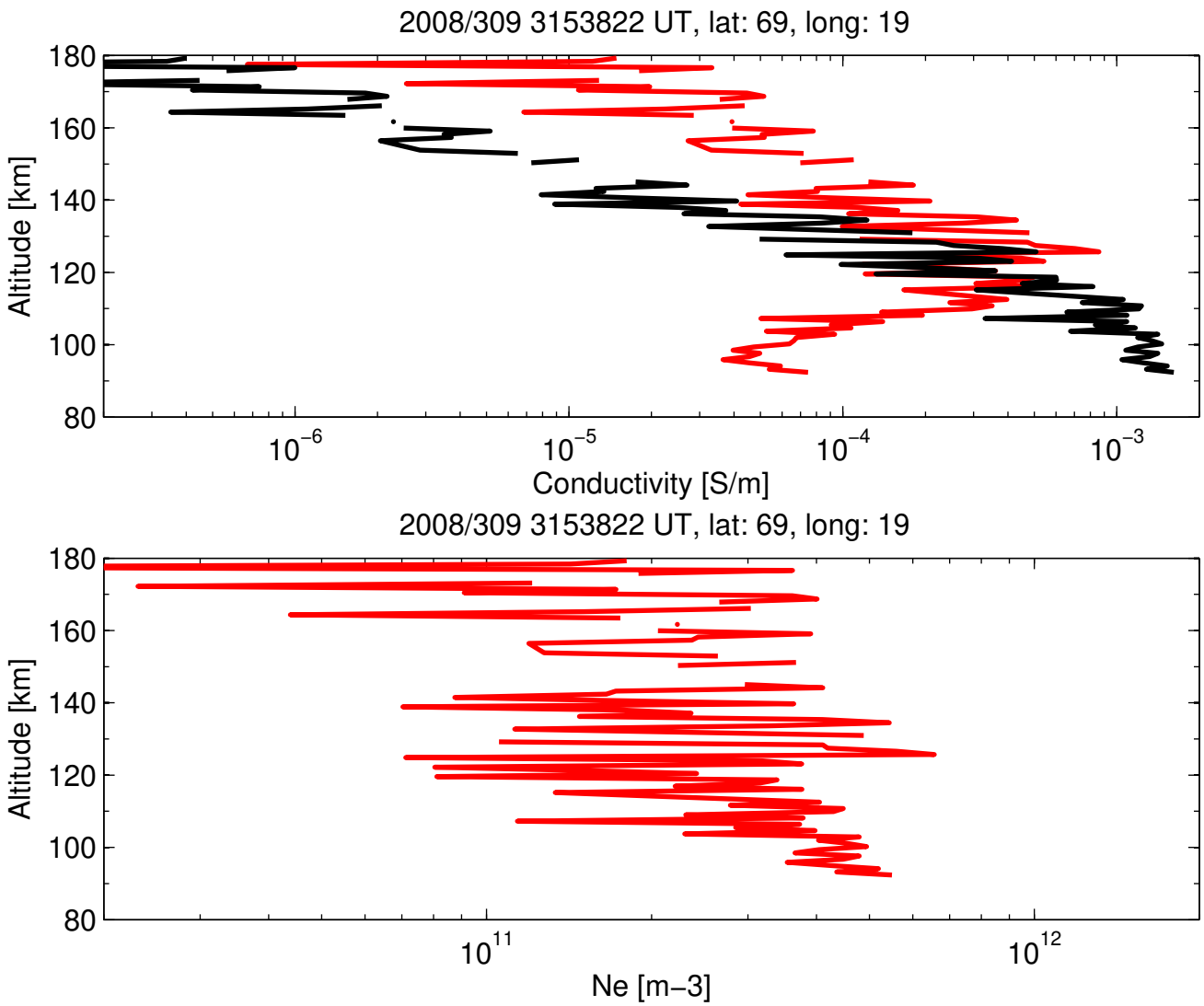
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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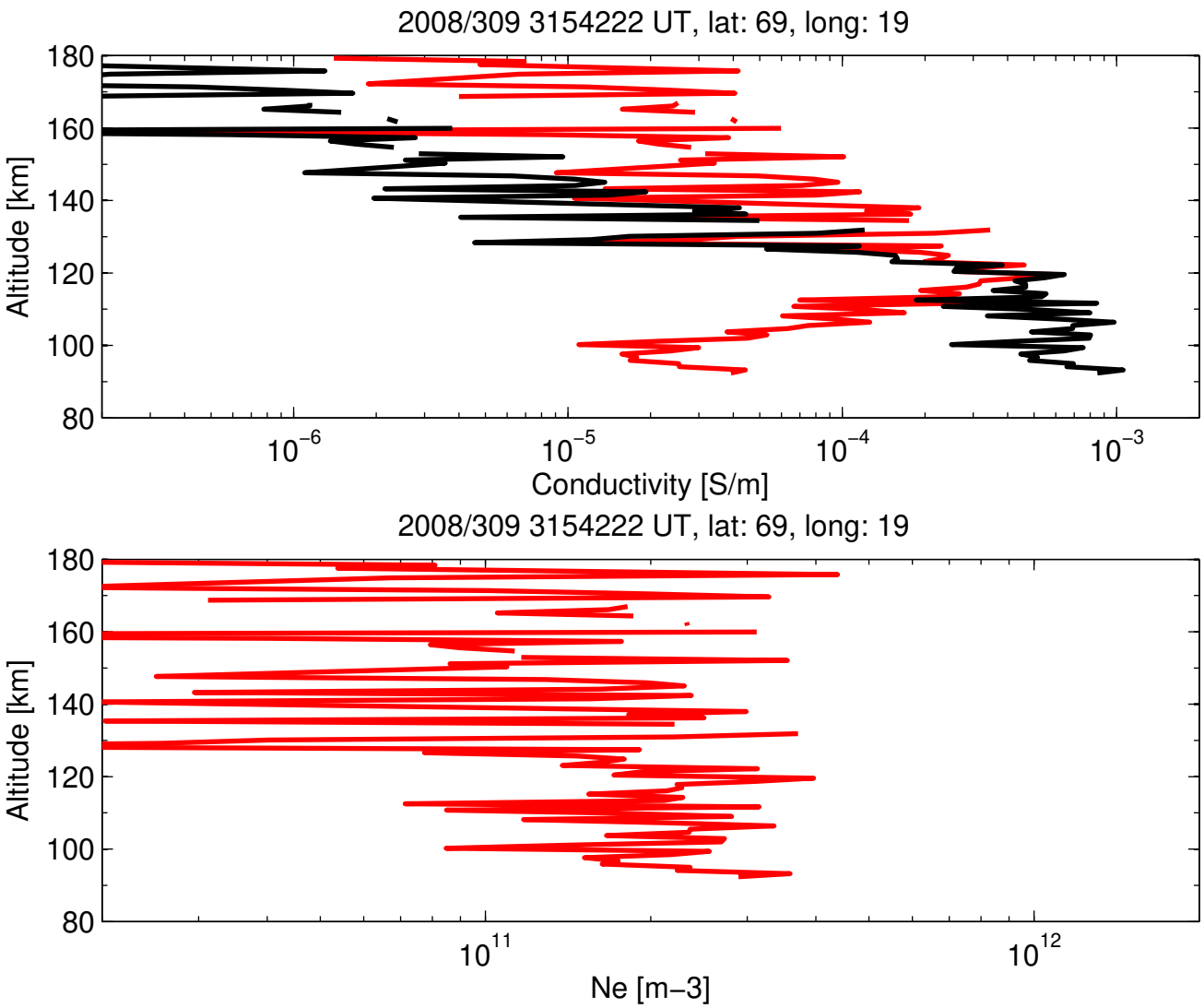
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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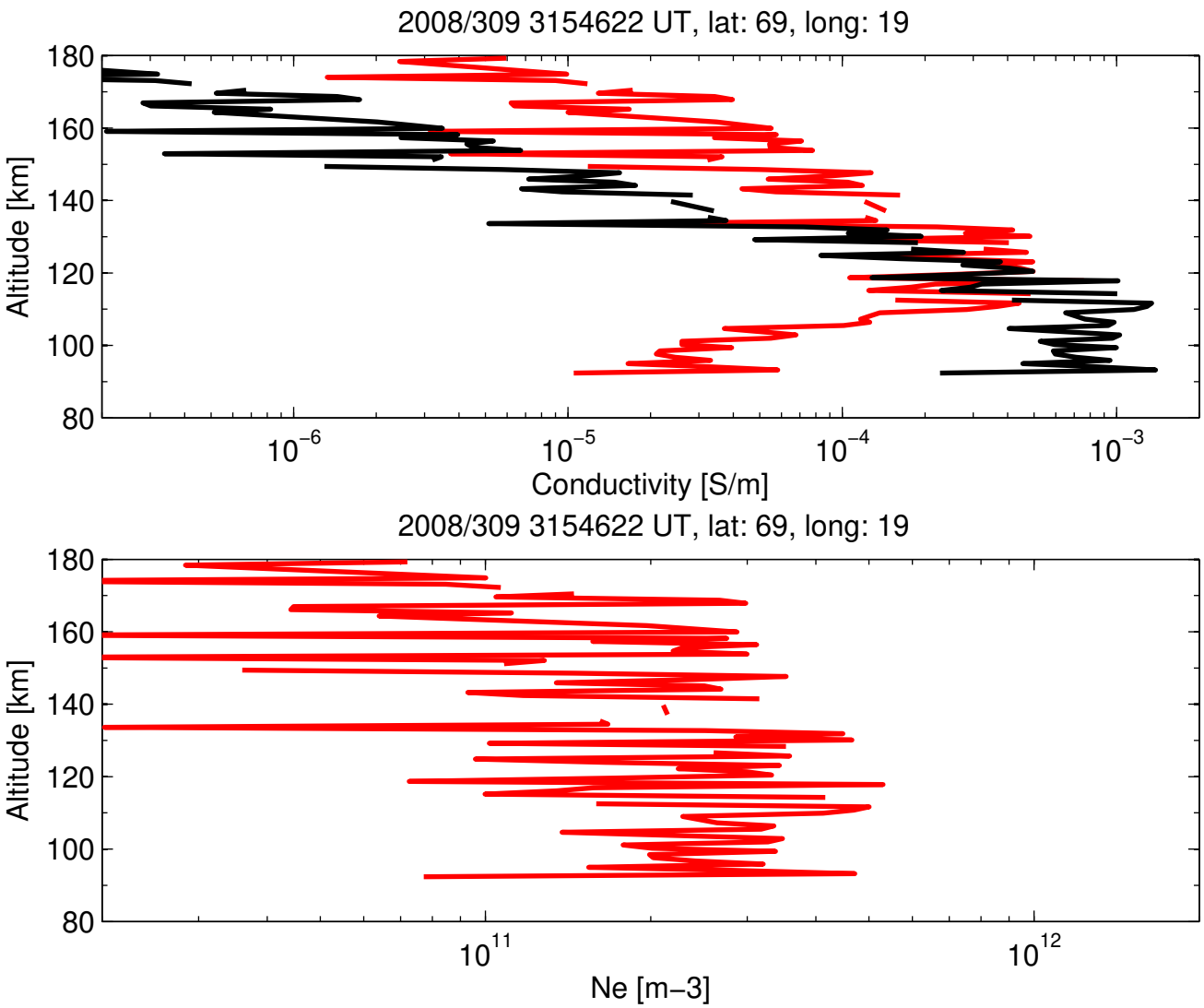
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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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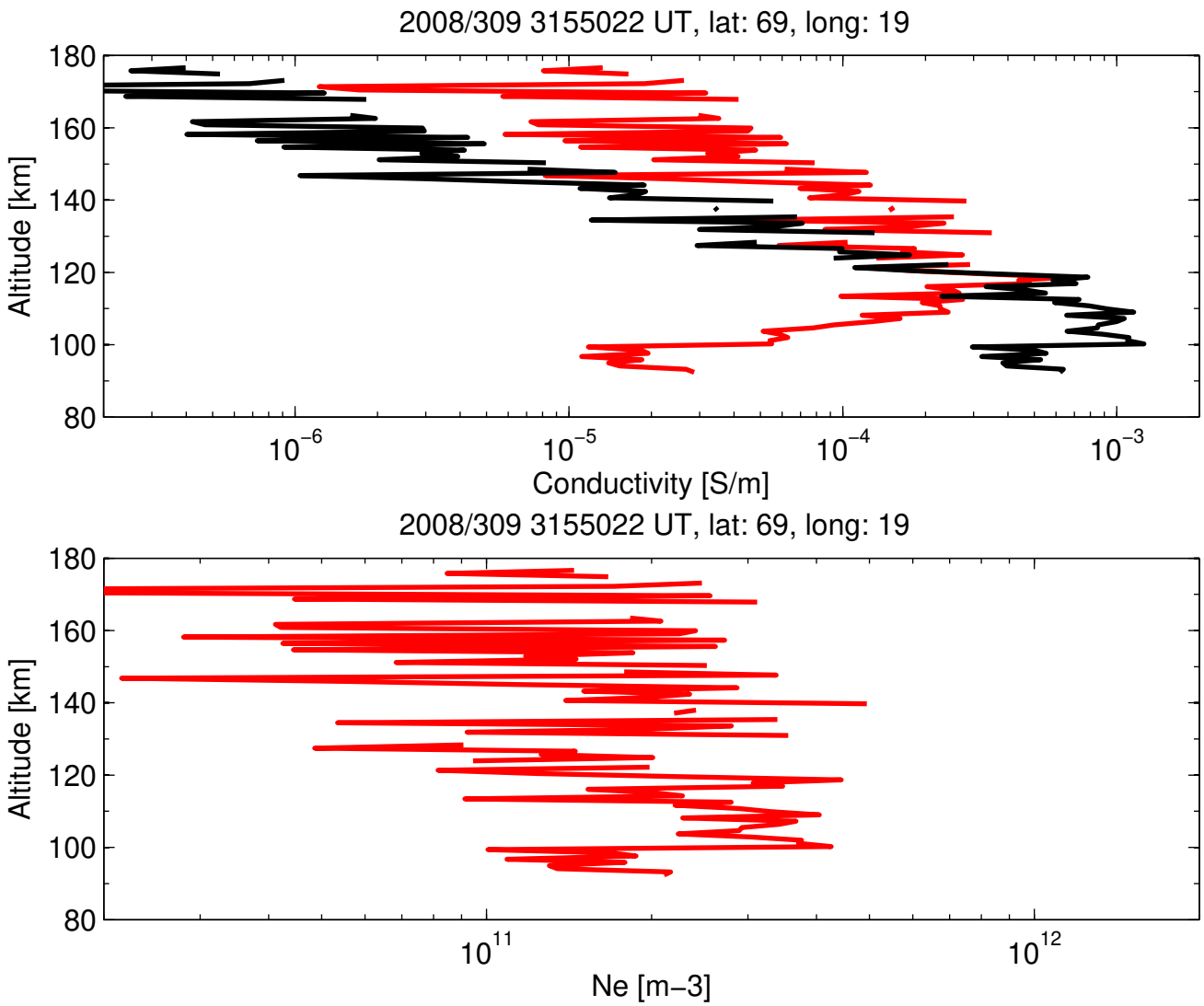
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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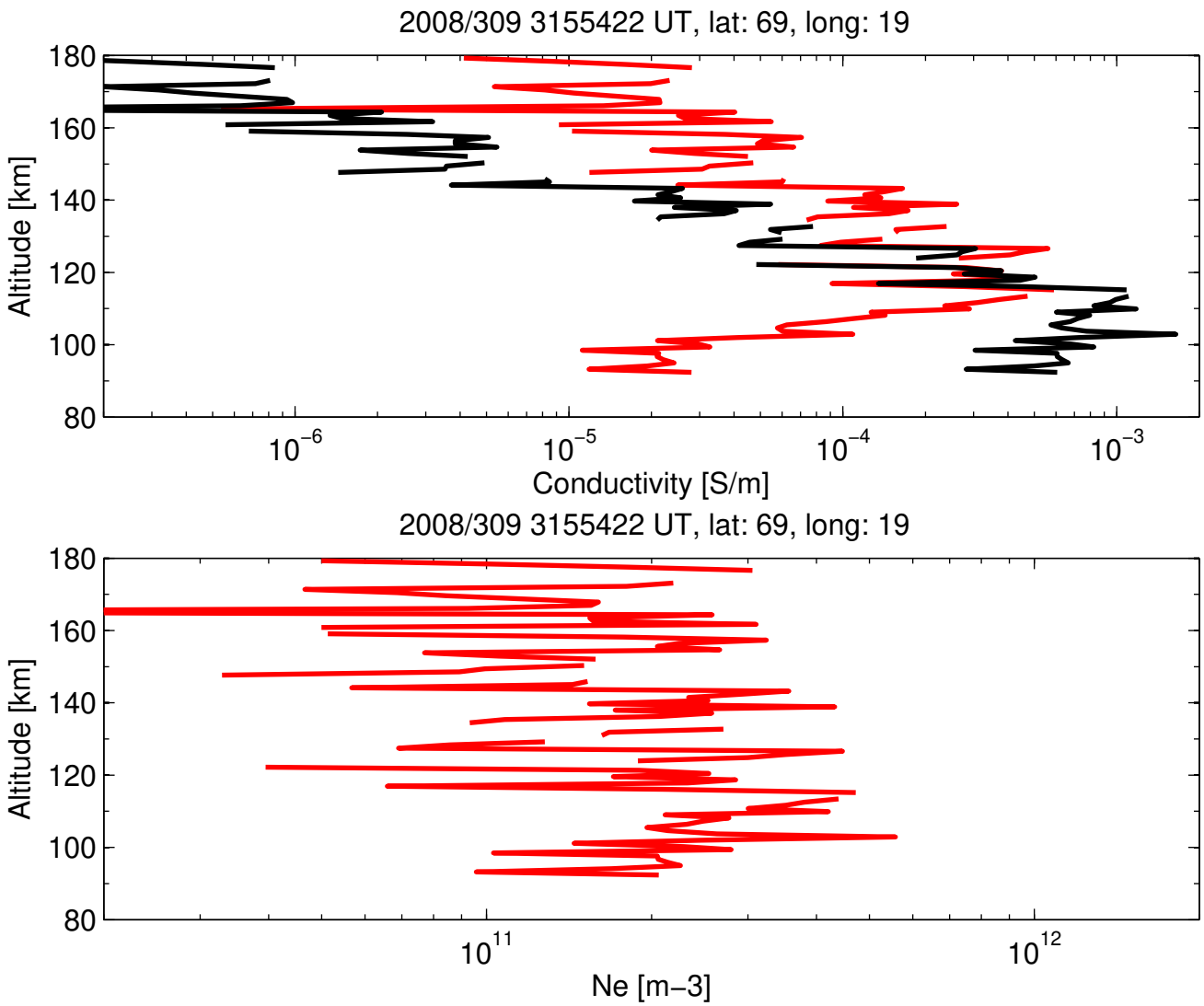
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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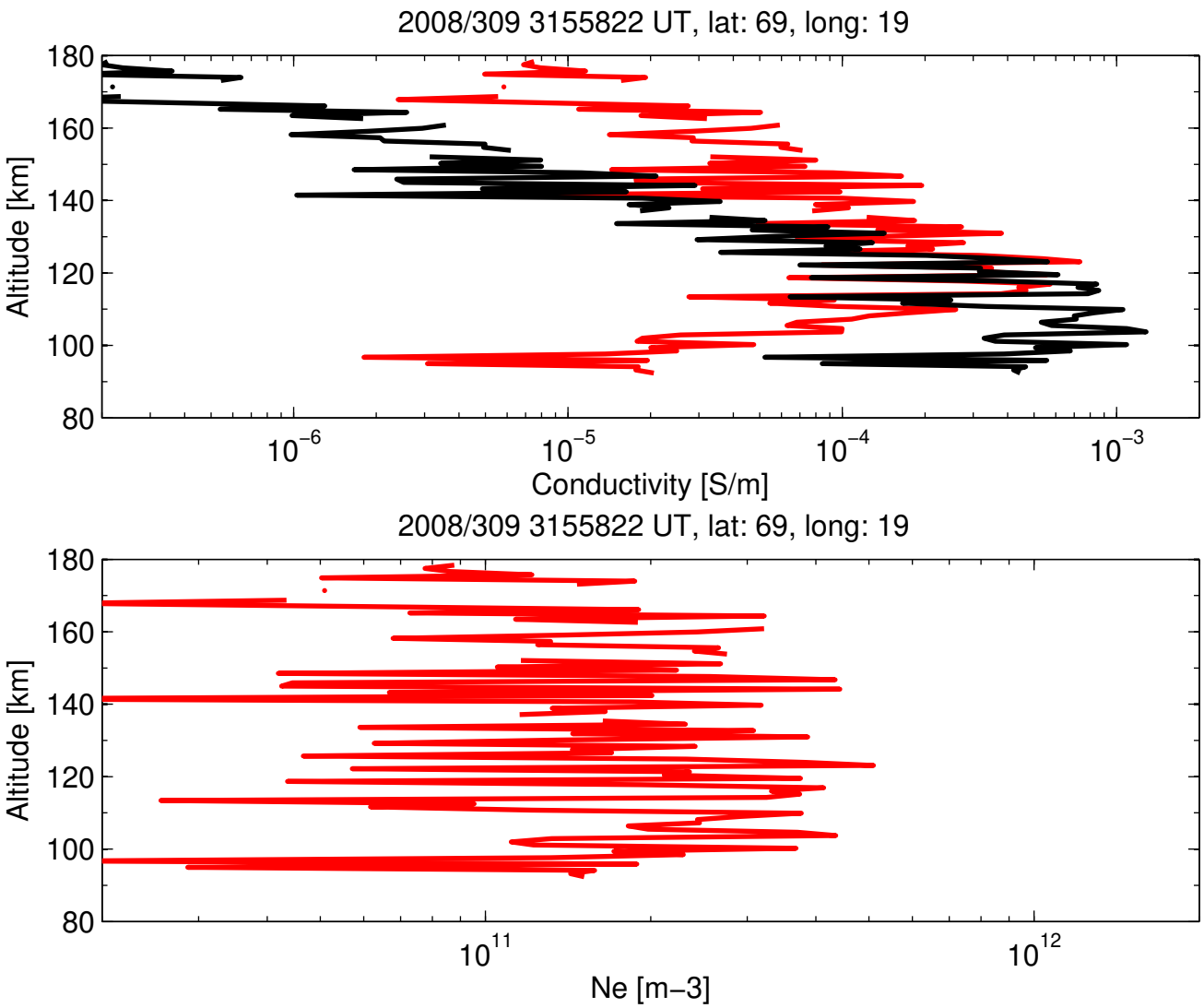
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
2008/309 3155822 UT, lat: 69, long: 19
Altitude [km]
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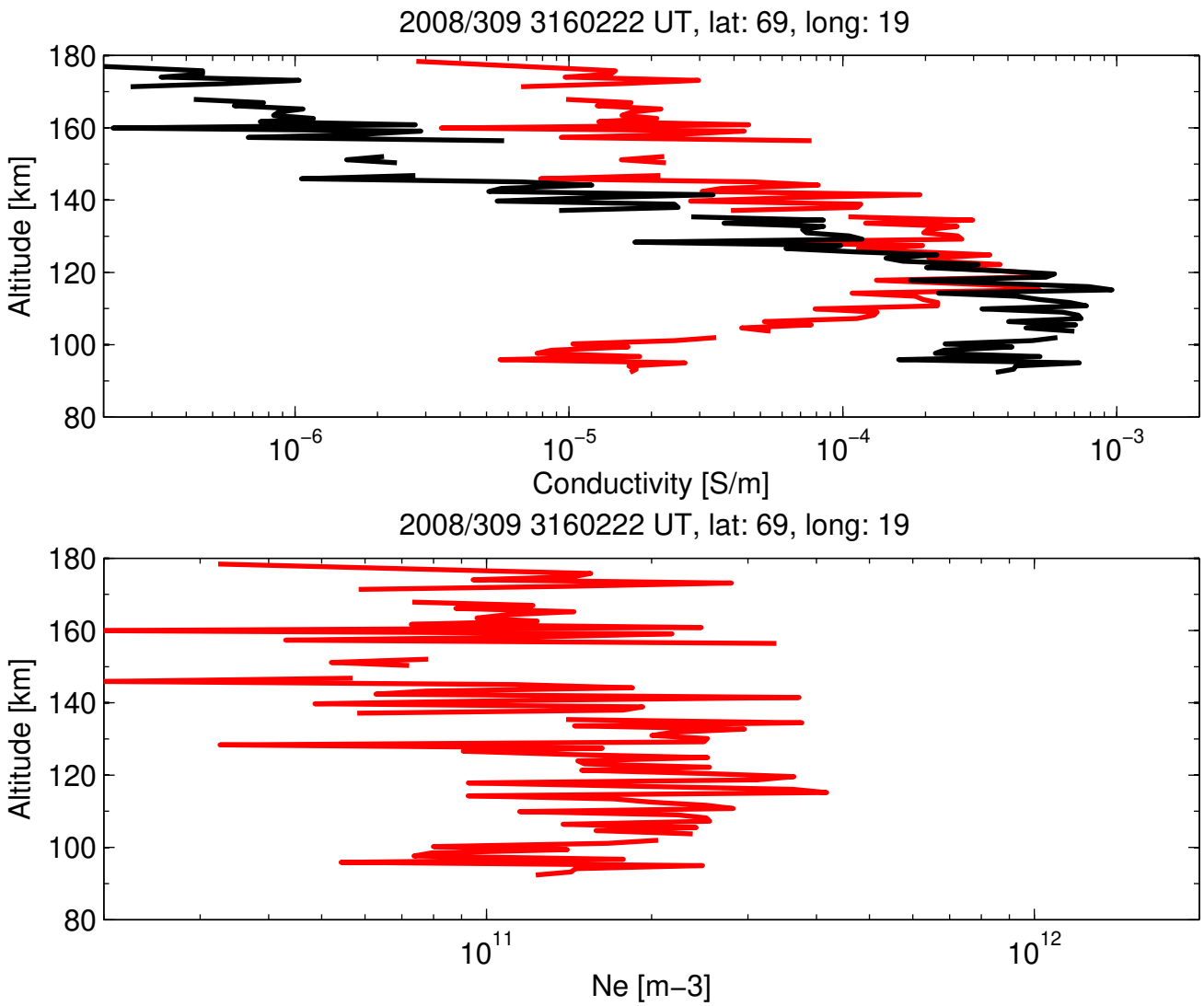
Ne [m−3]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Altitude [km]
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100
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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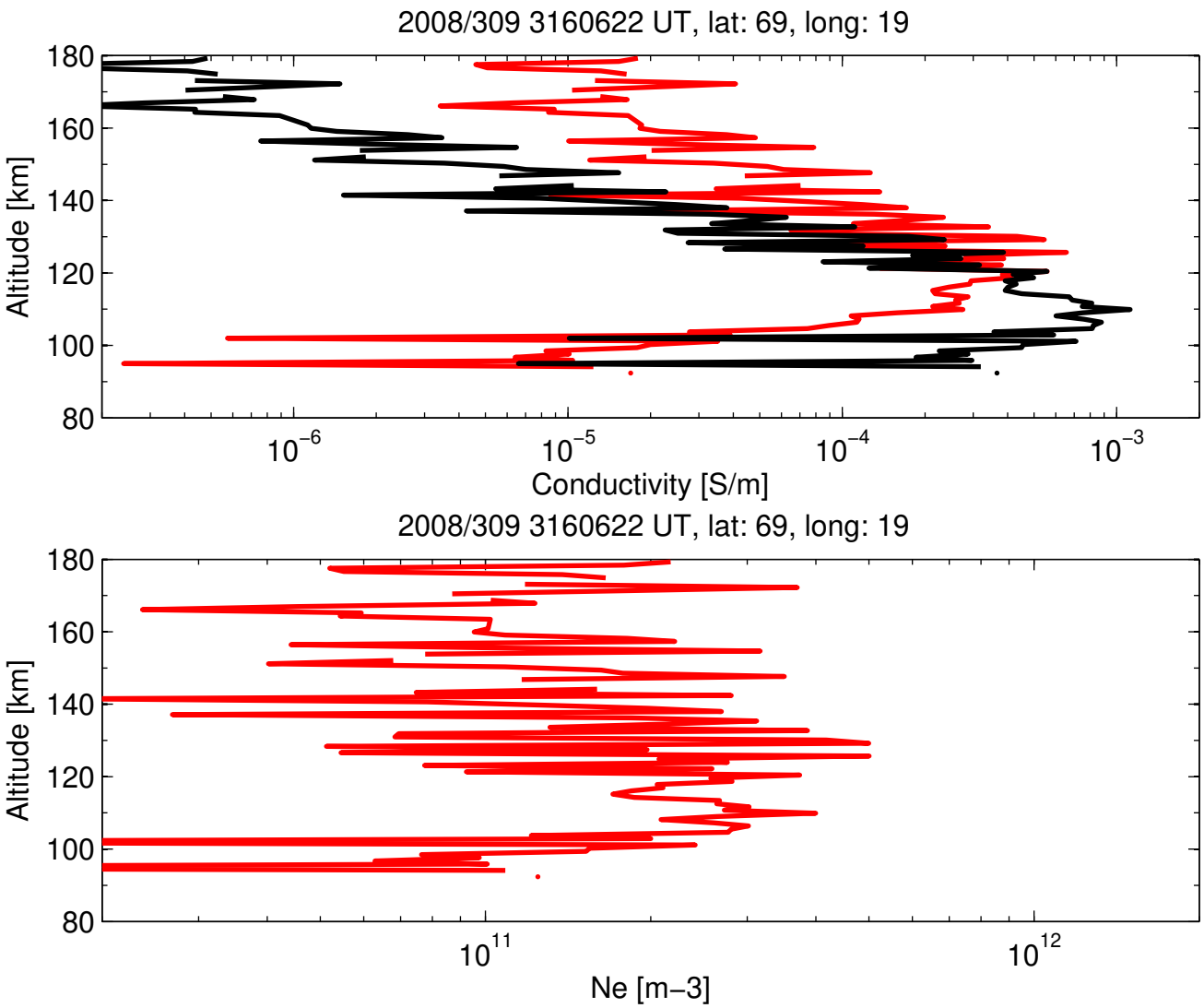
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3160622 UT, lat: 69, long: 19
Altitude [km]
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80
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10^{12}
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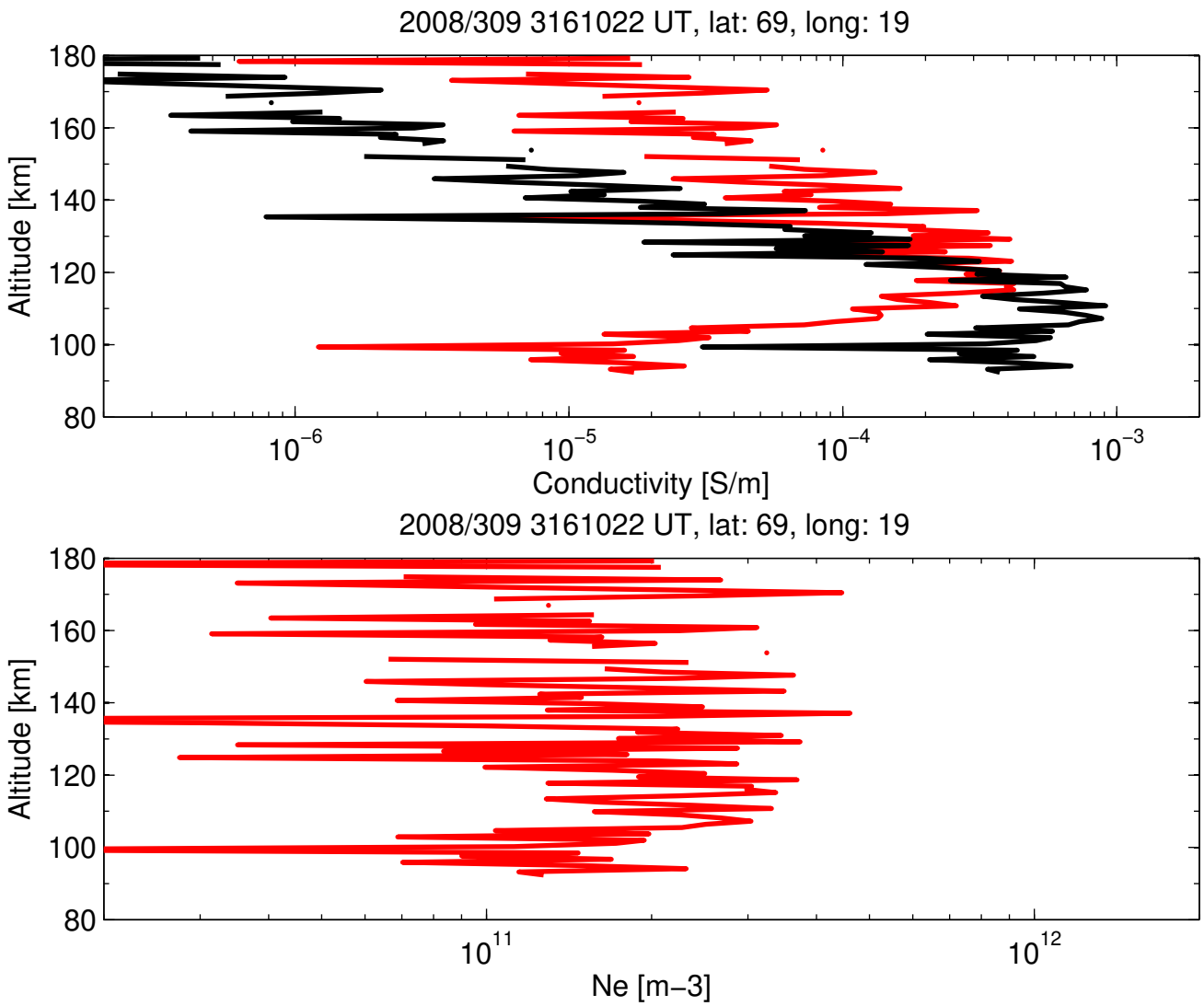
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3161022 UT, lat: 69, long: 19
Altitude [km]
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80
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10^{12}
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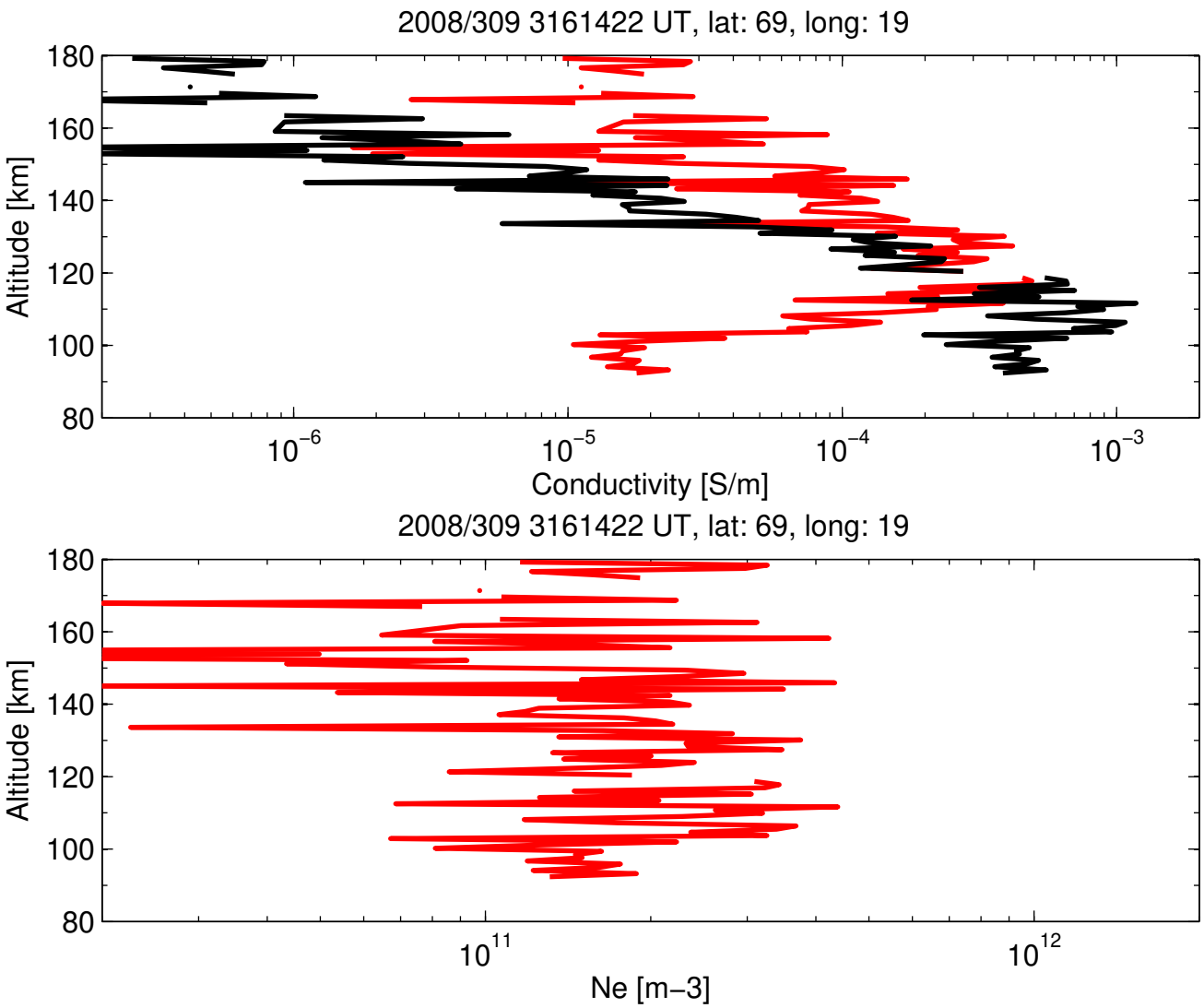
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3161422 UT, lat: 69, long: 19
Altitude [km]
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80
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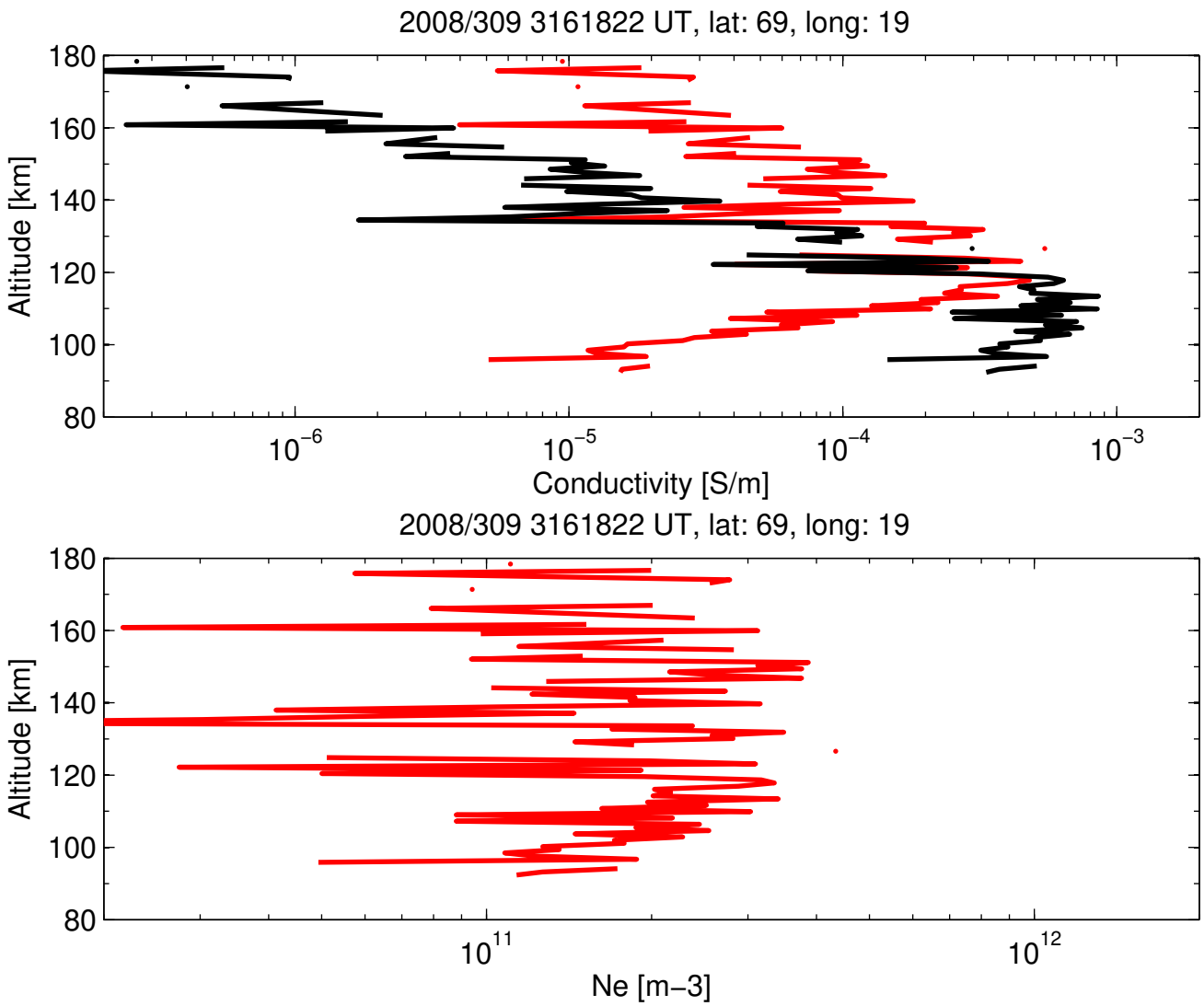
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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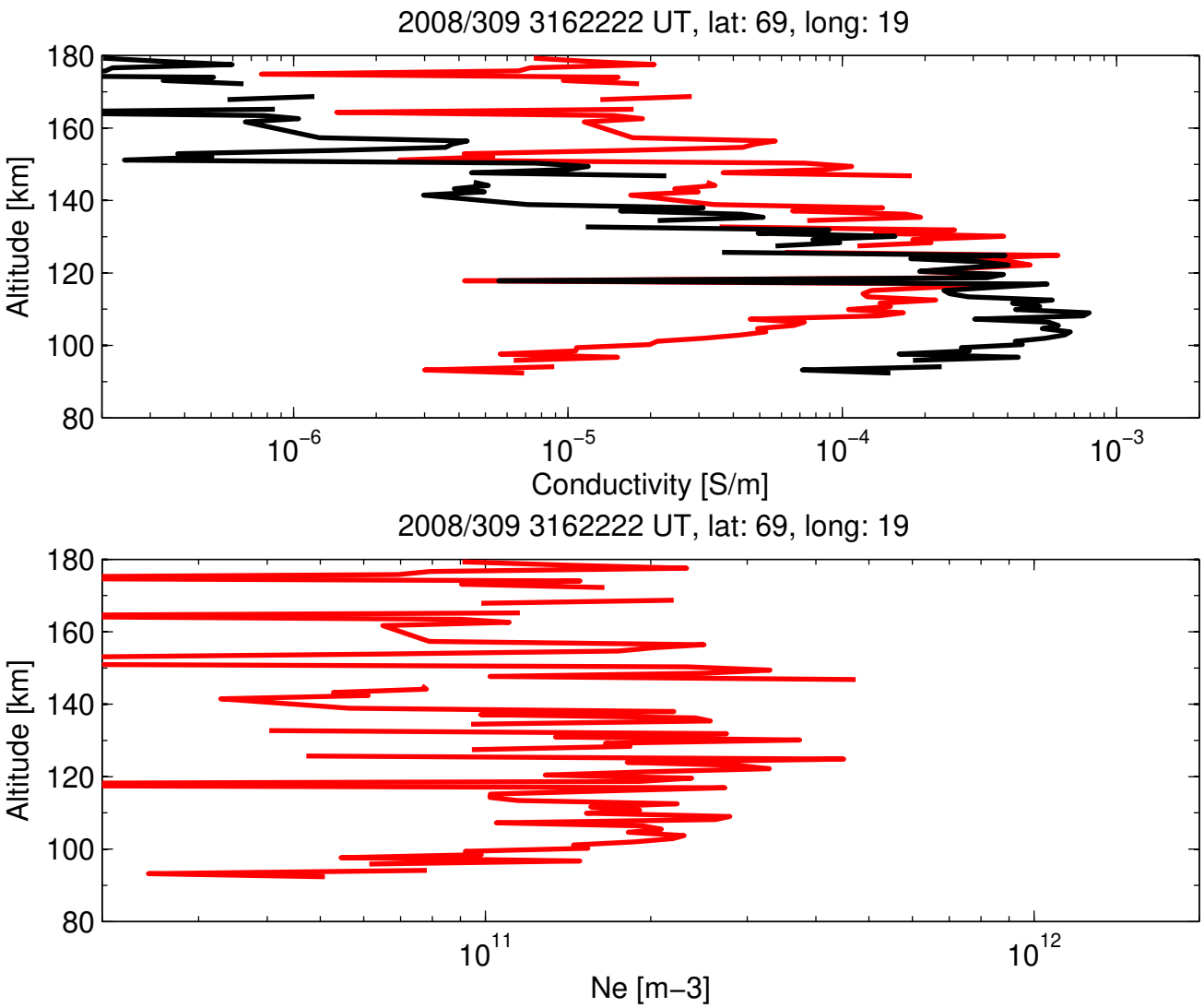
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Altitude [km]
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80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3162222 UT, lat: 69, long: 19
Altitude [km]
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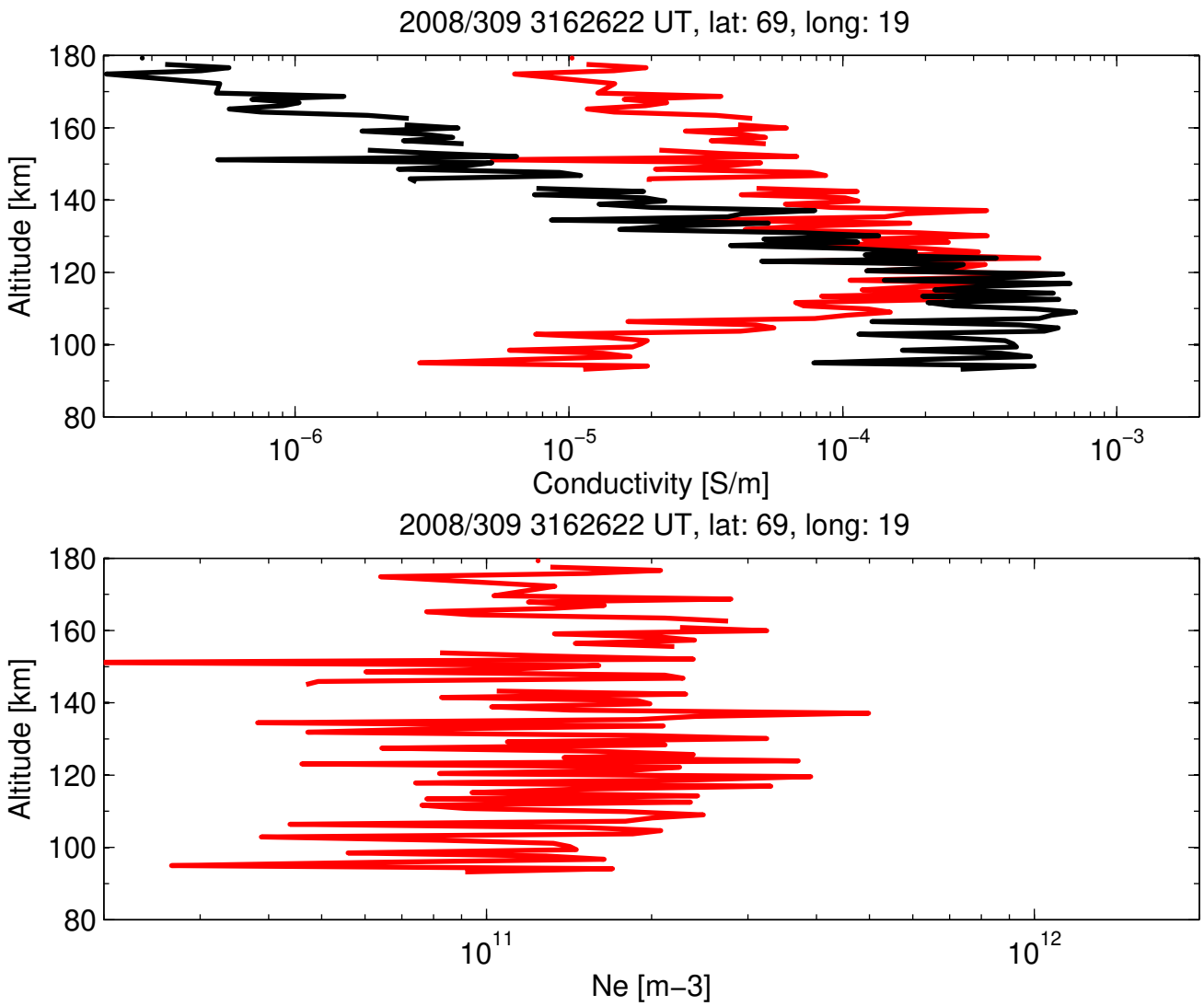
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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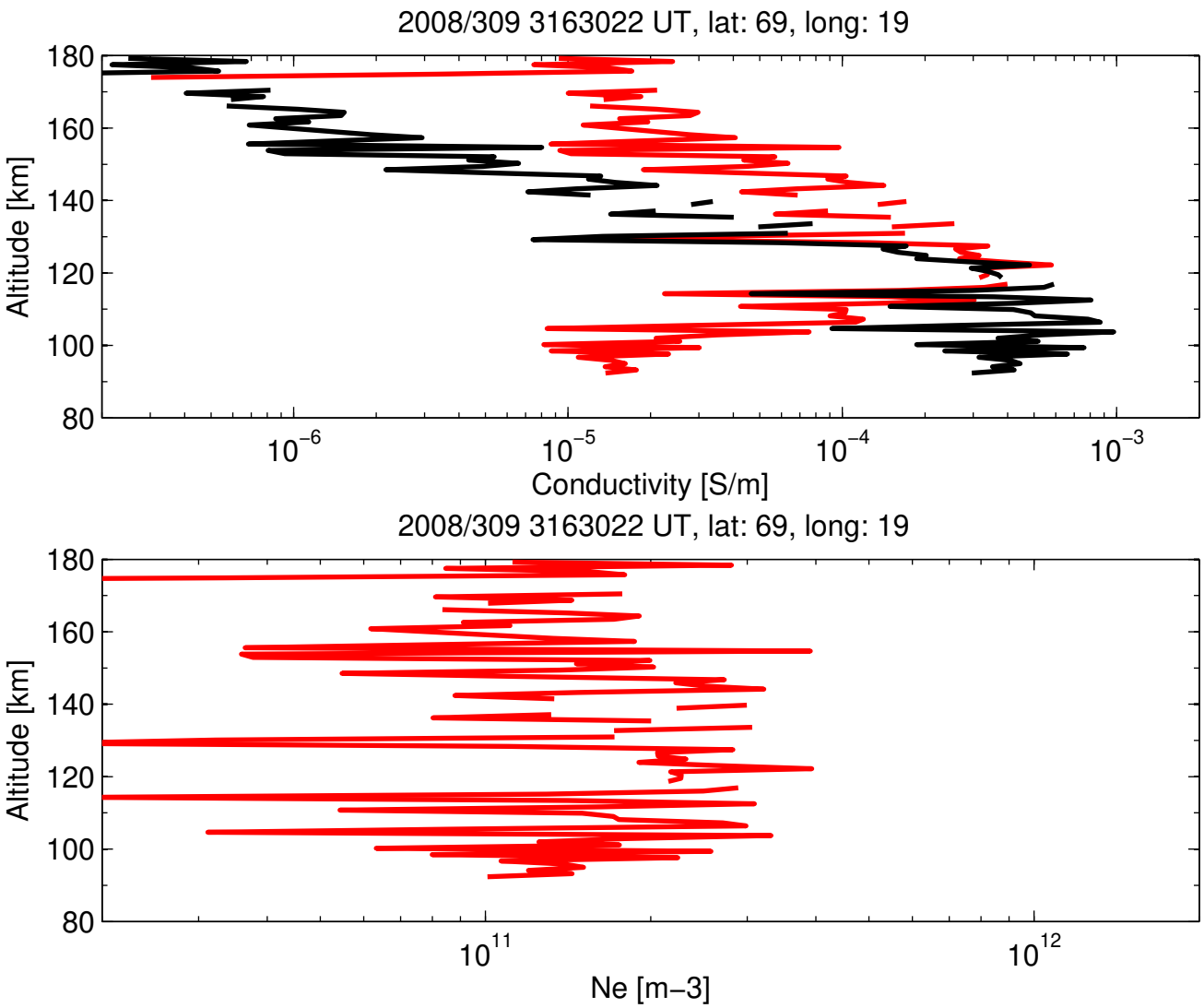
10^{12}
Ne [m−3]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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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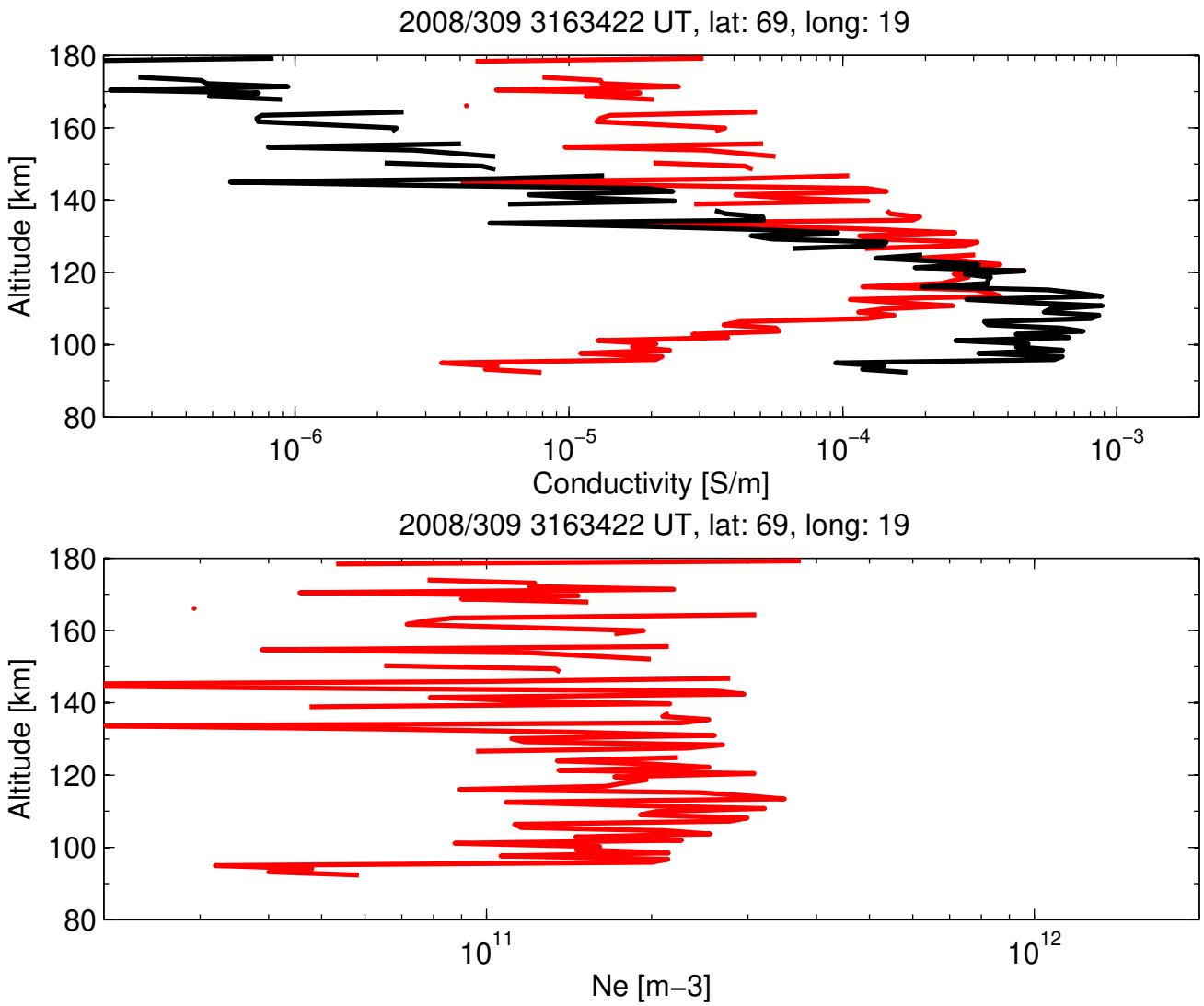
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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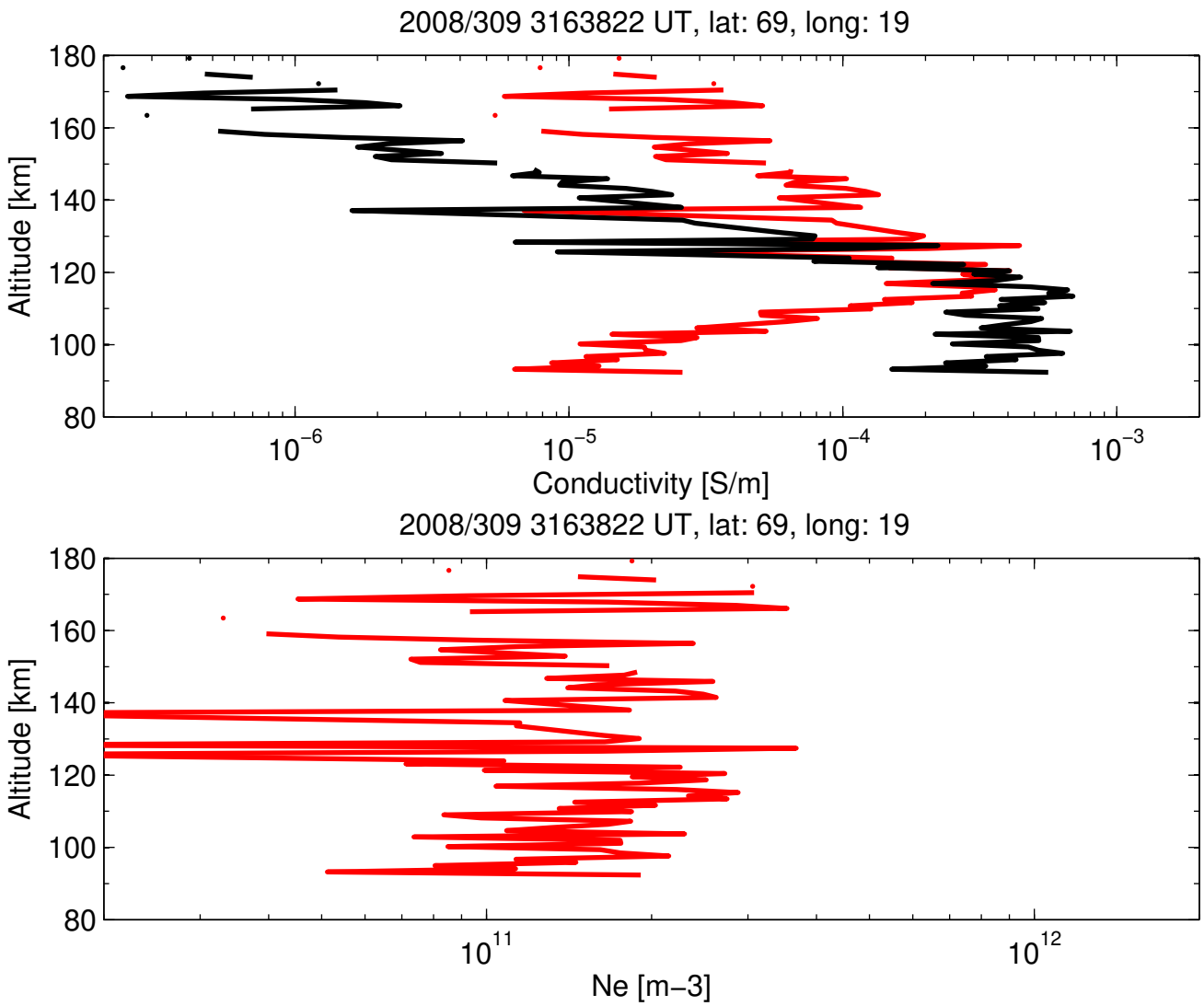
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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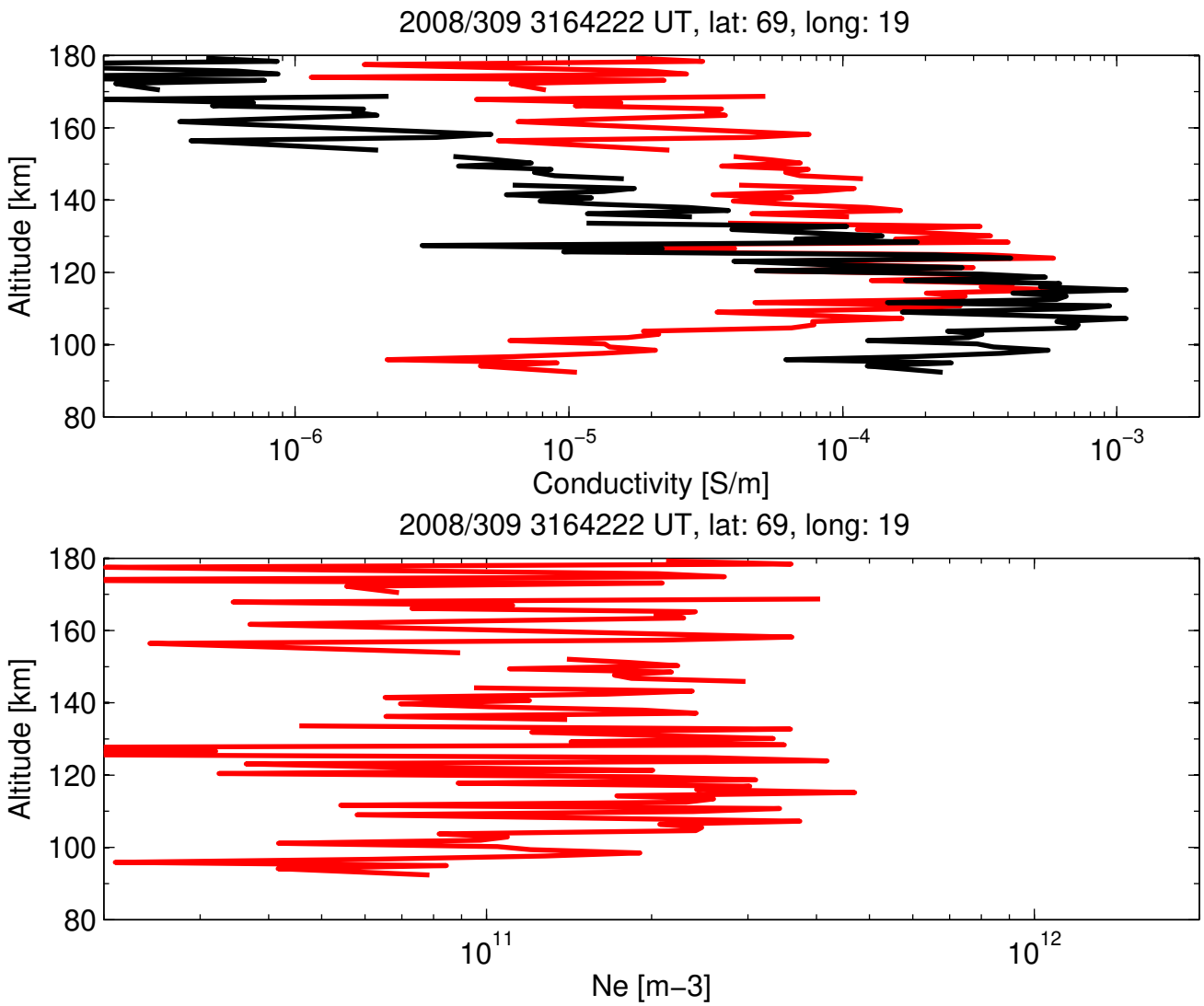
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3164222 UT, lat: 69, long: 19
Altitude [km]
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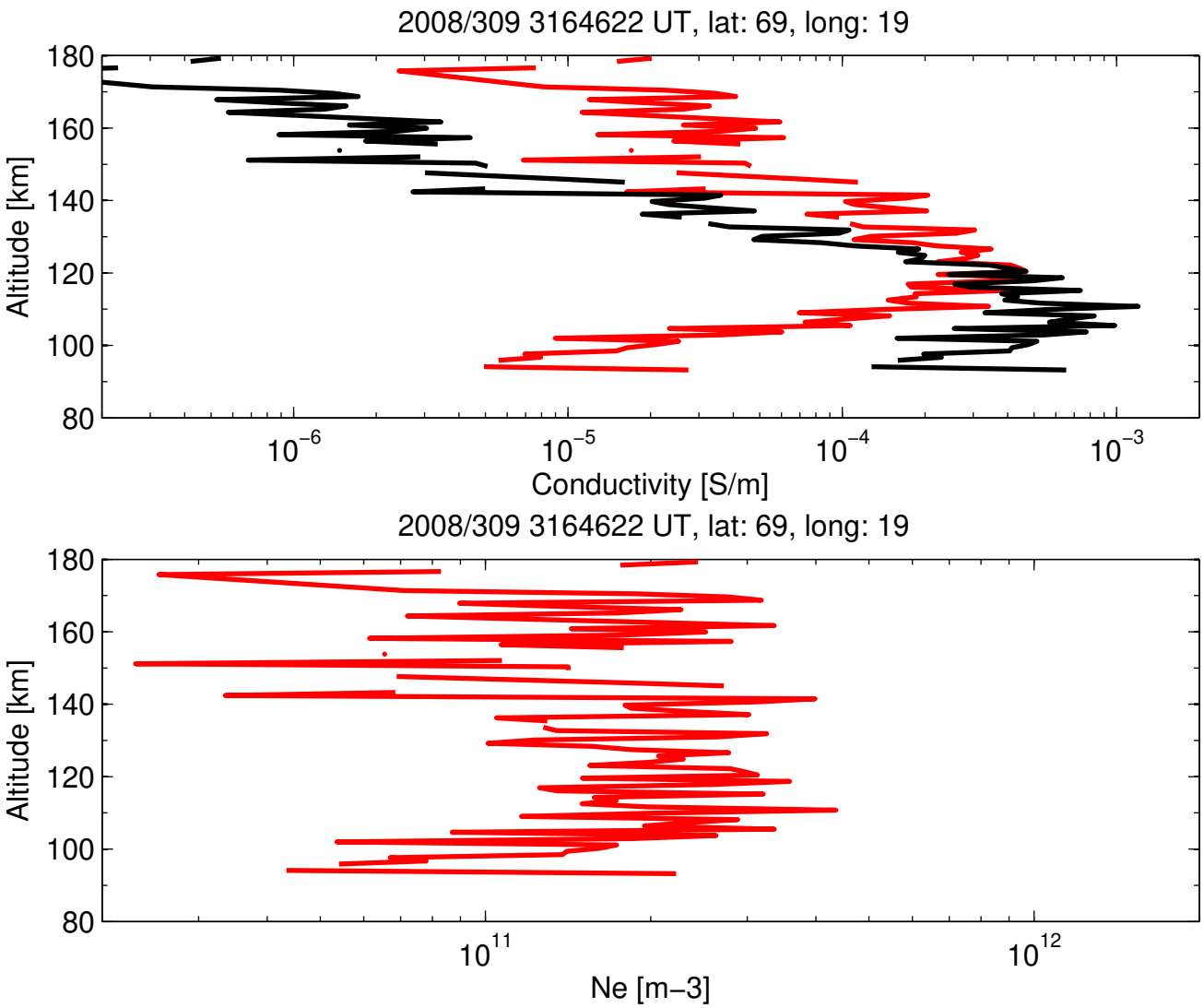
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3164622 UT, lat: 69, long: 19
Altitude [km]
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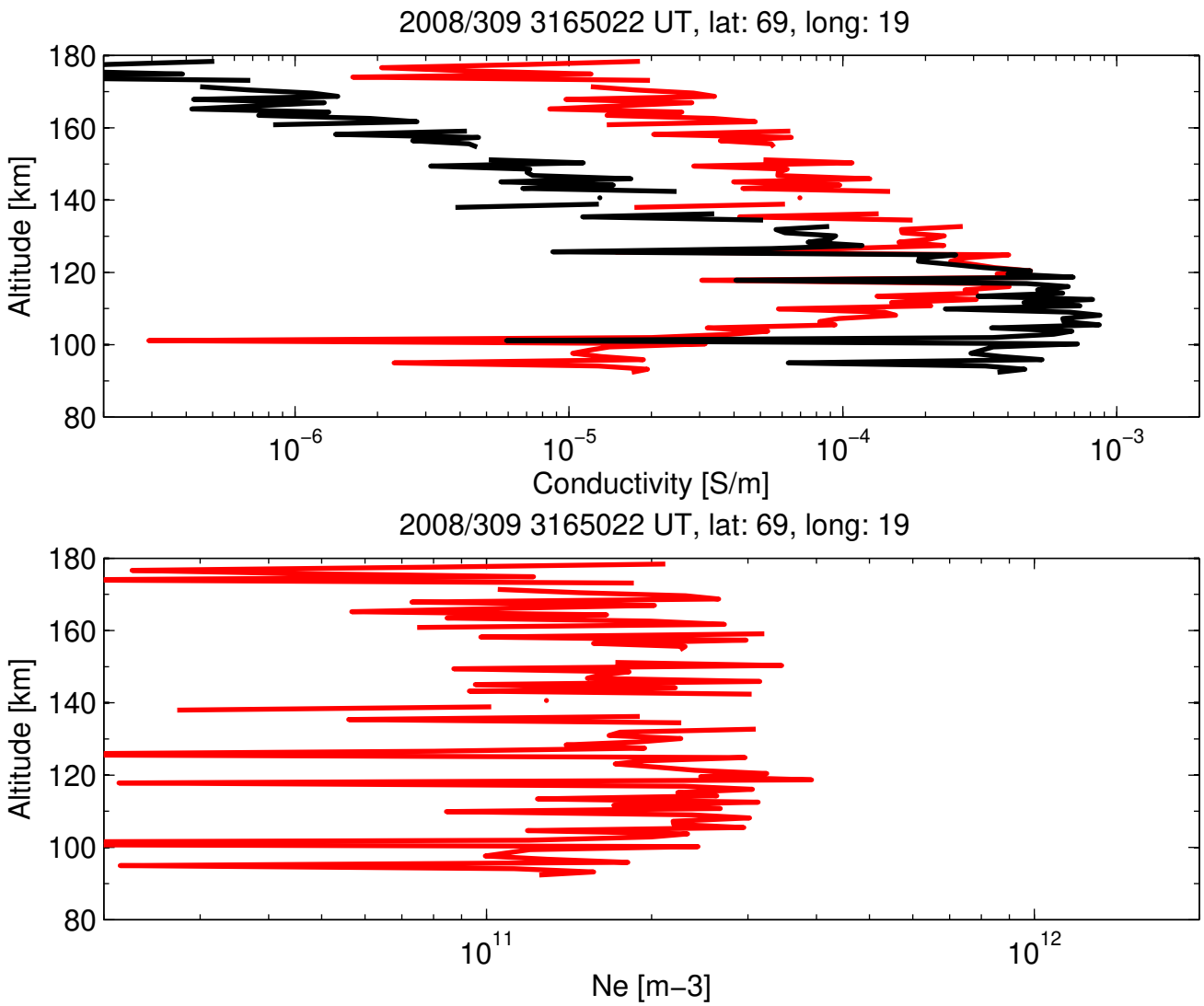
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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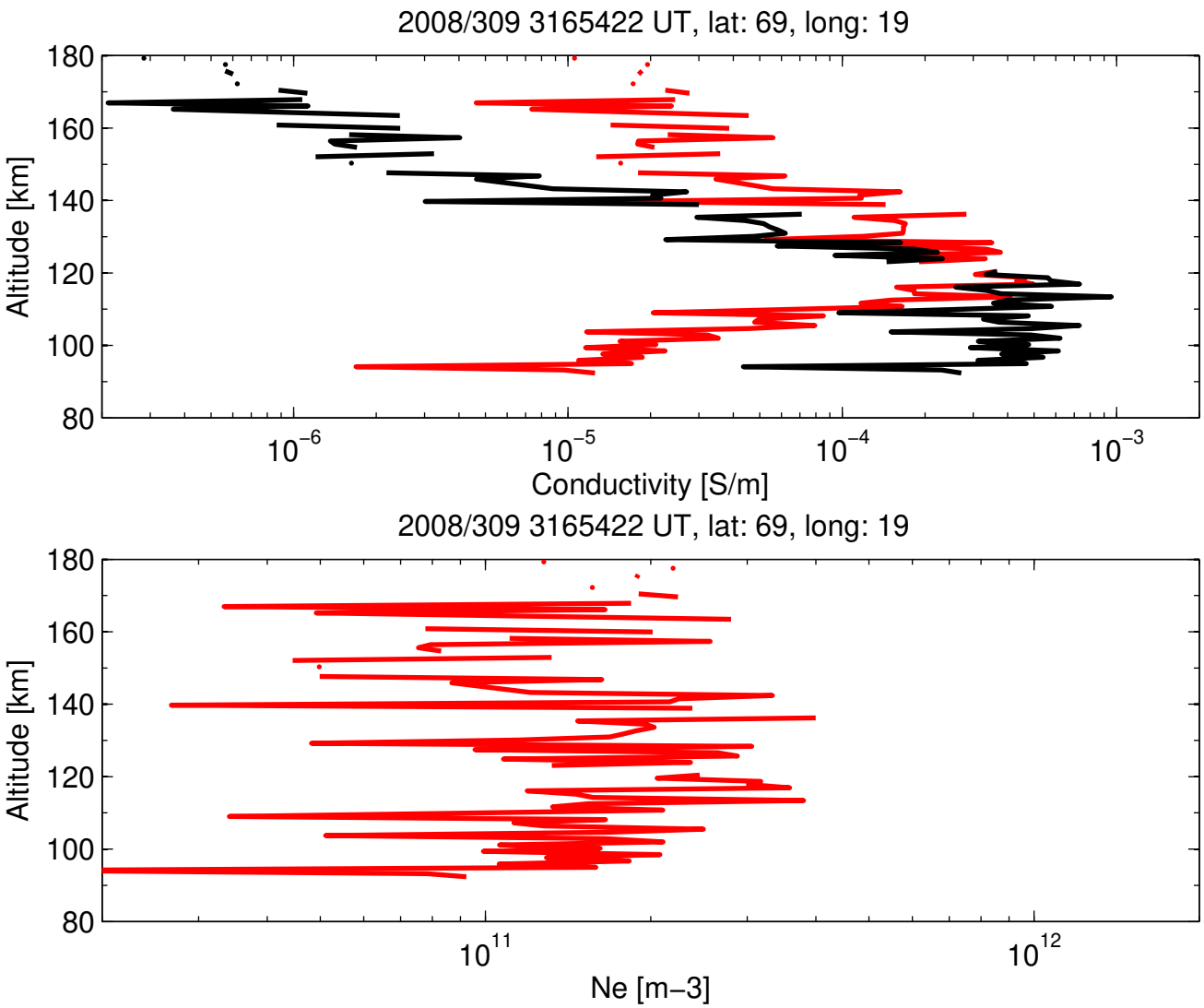
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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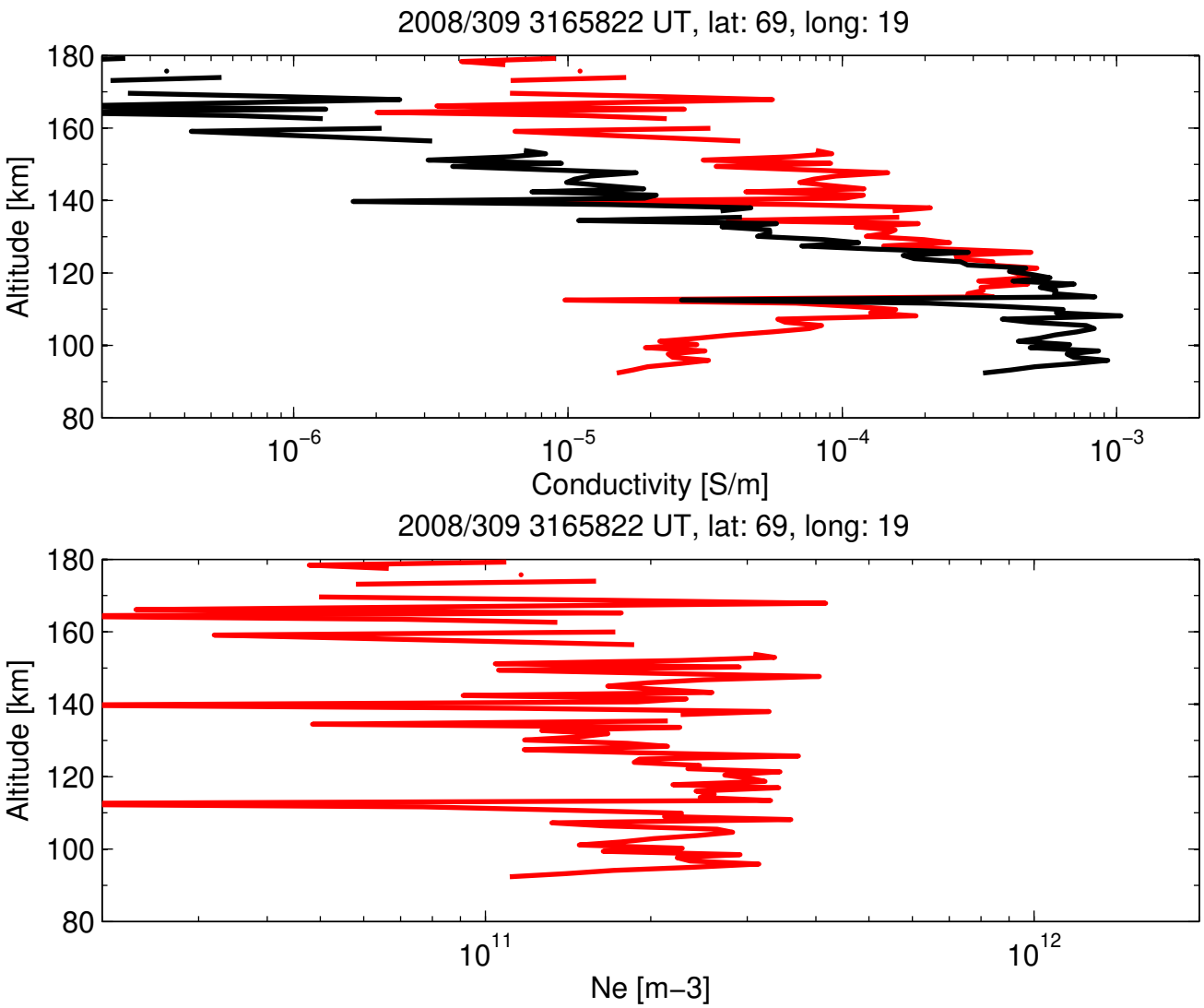
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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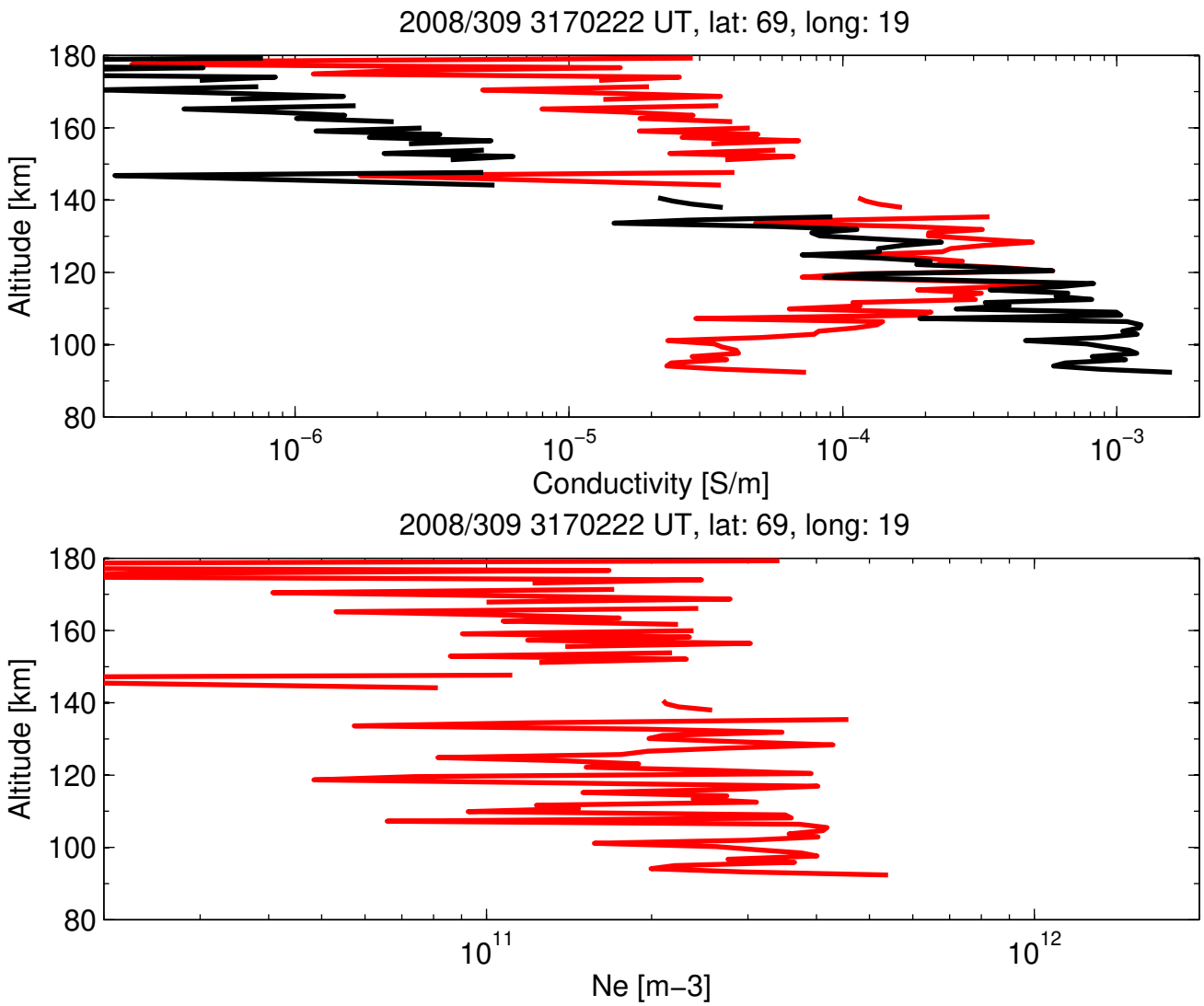
10^{12}
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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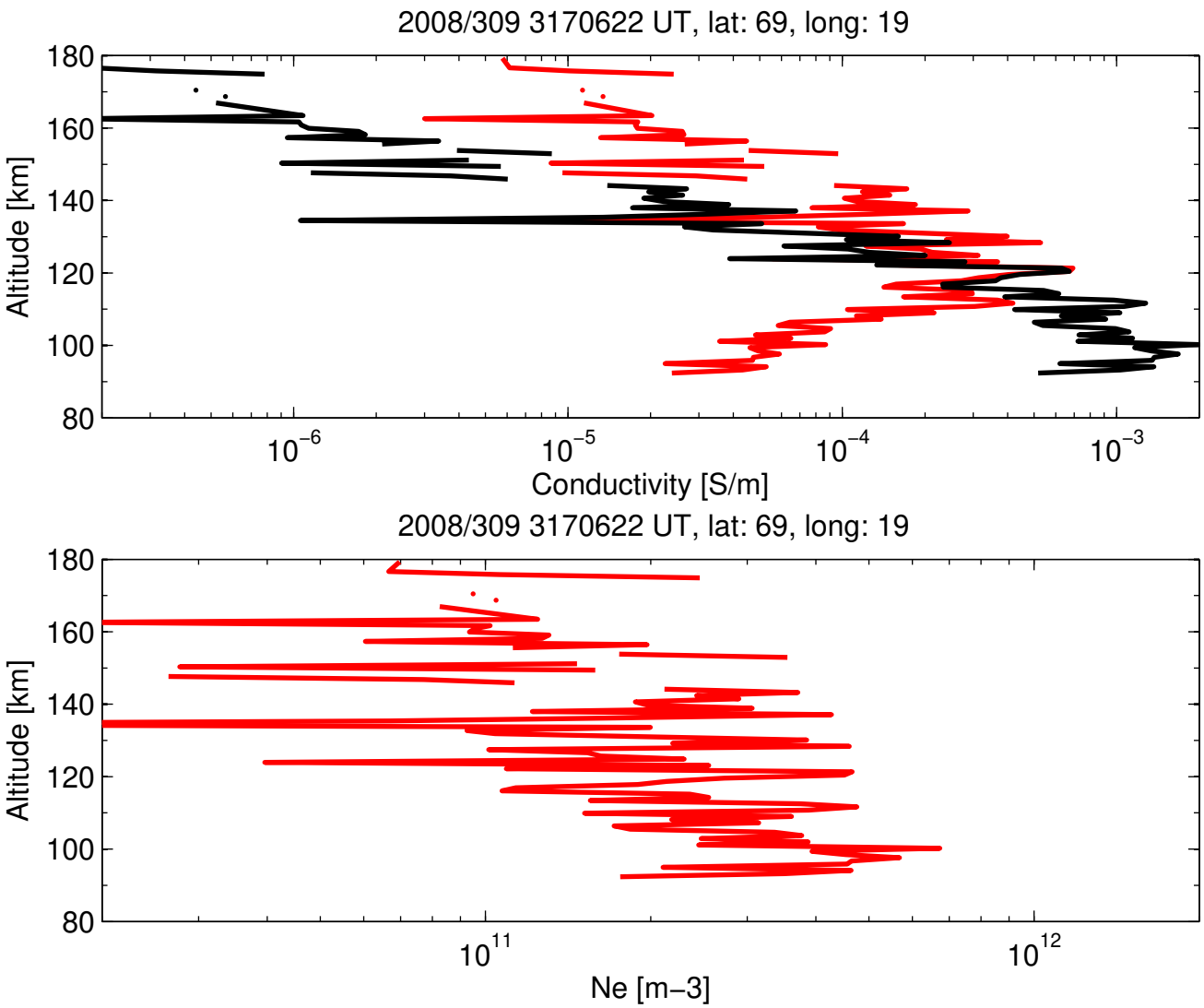
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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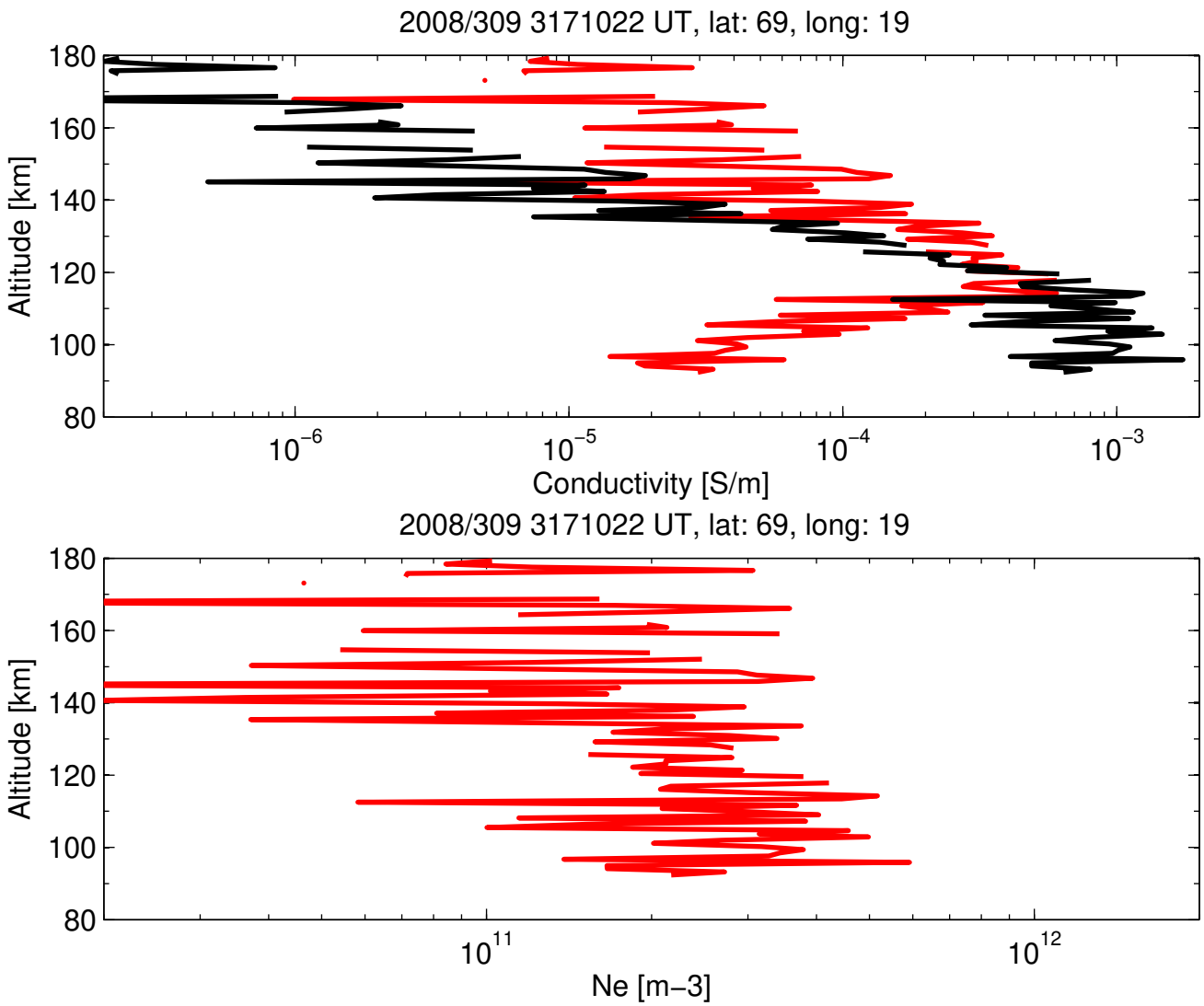
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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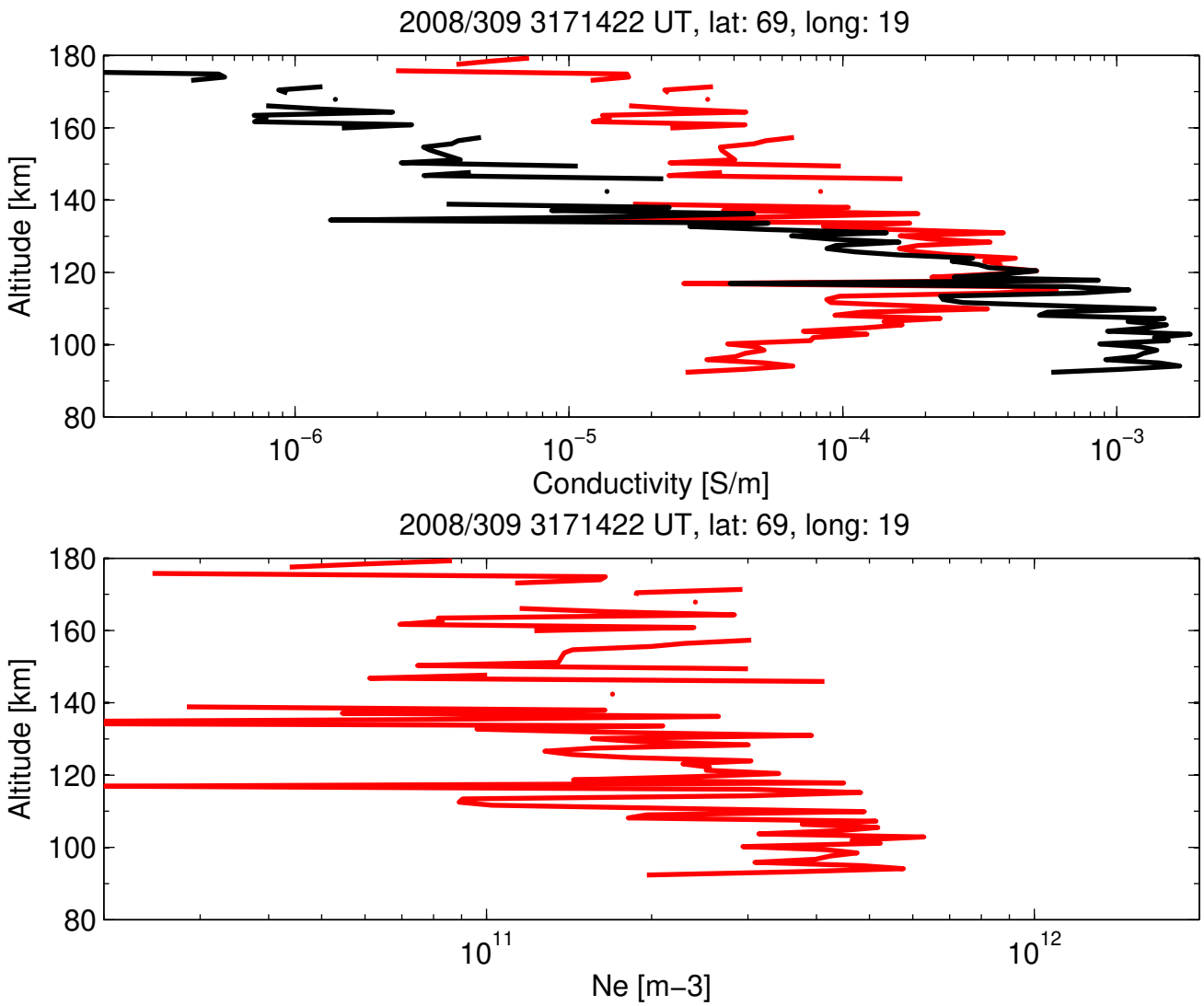
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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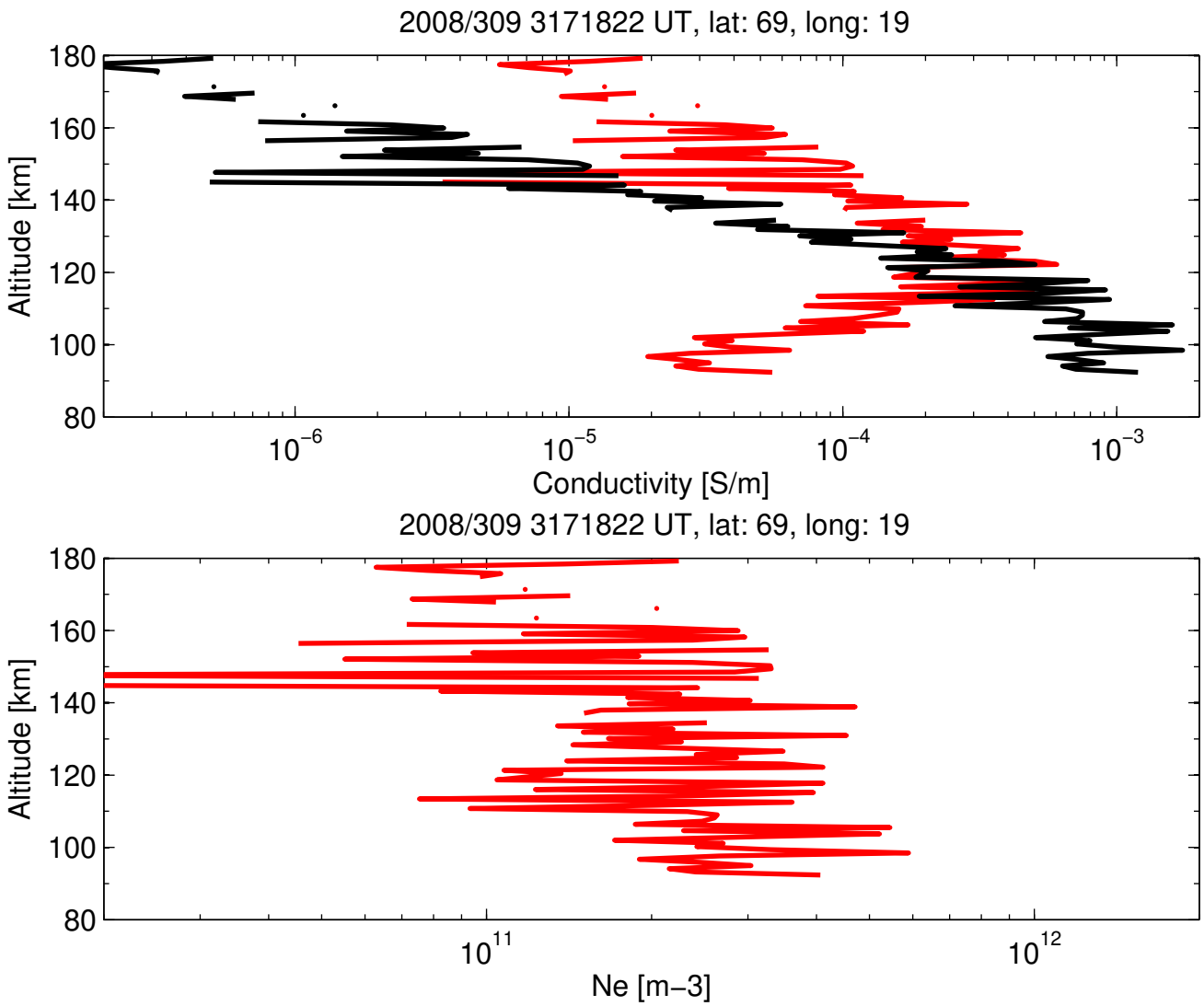
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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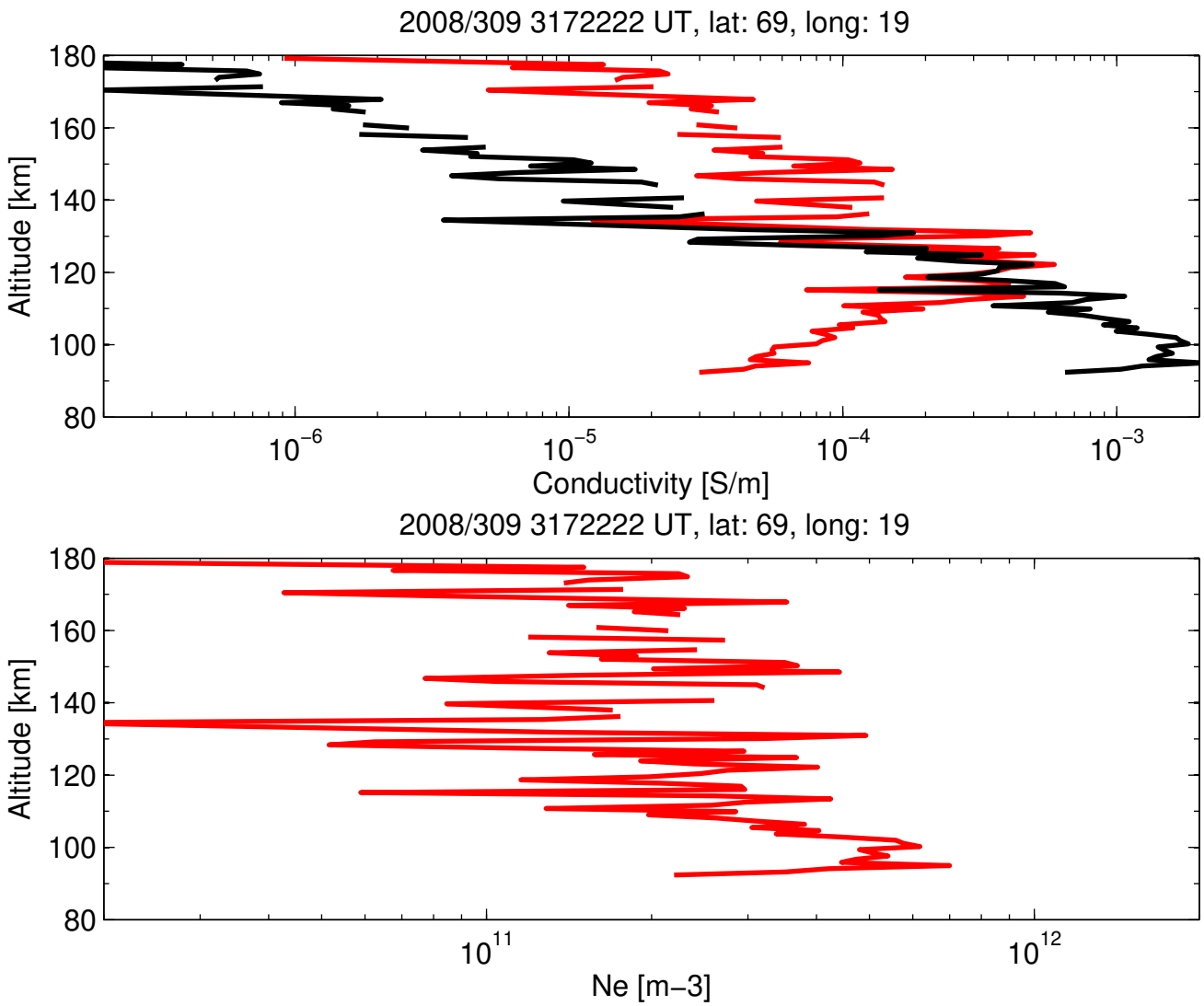
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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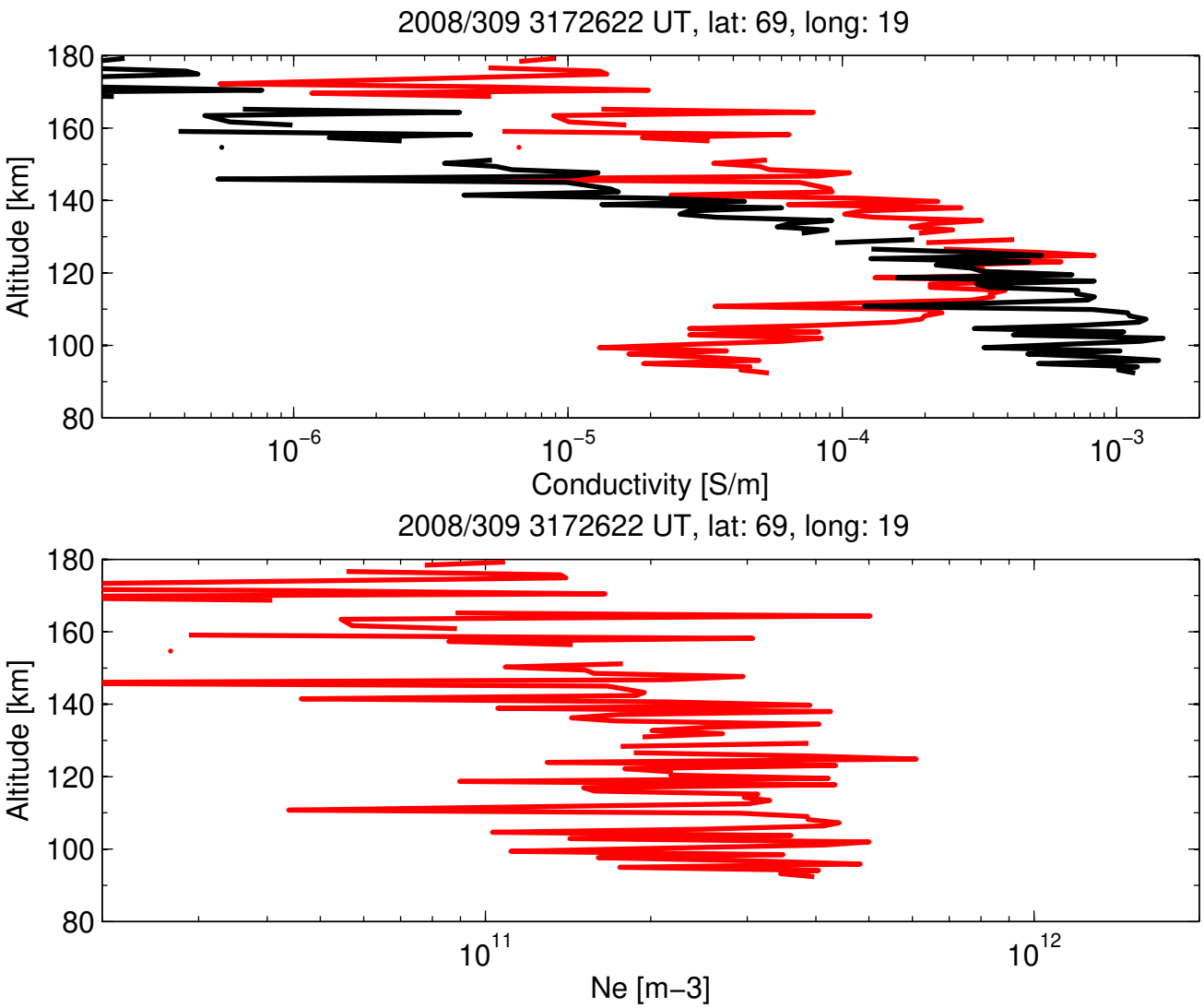
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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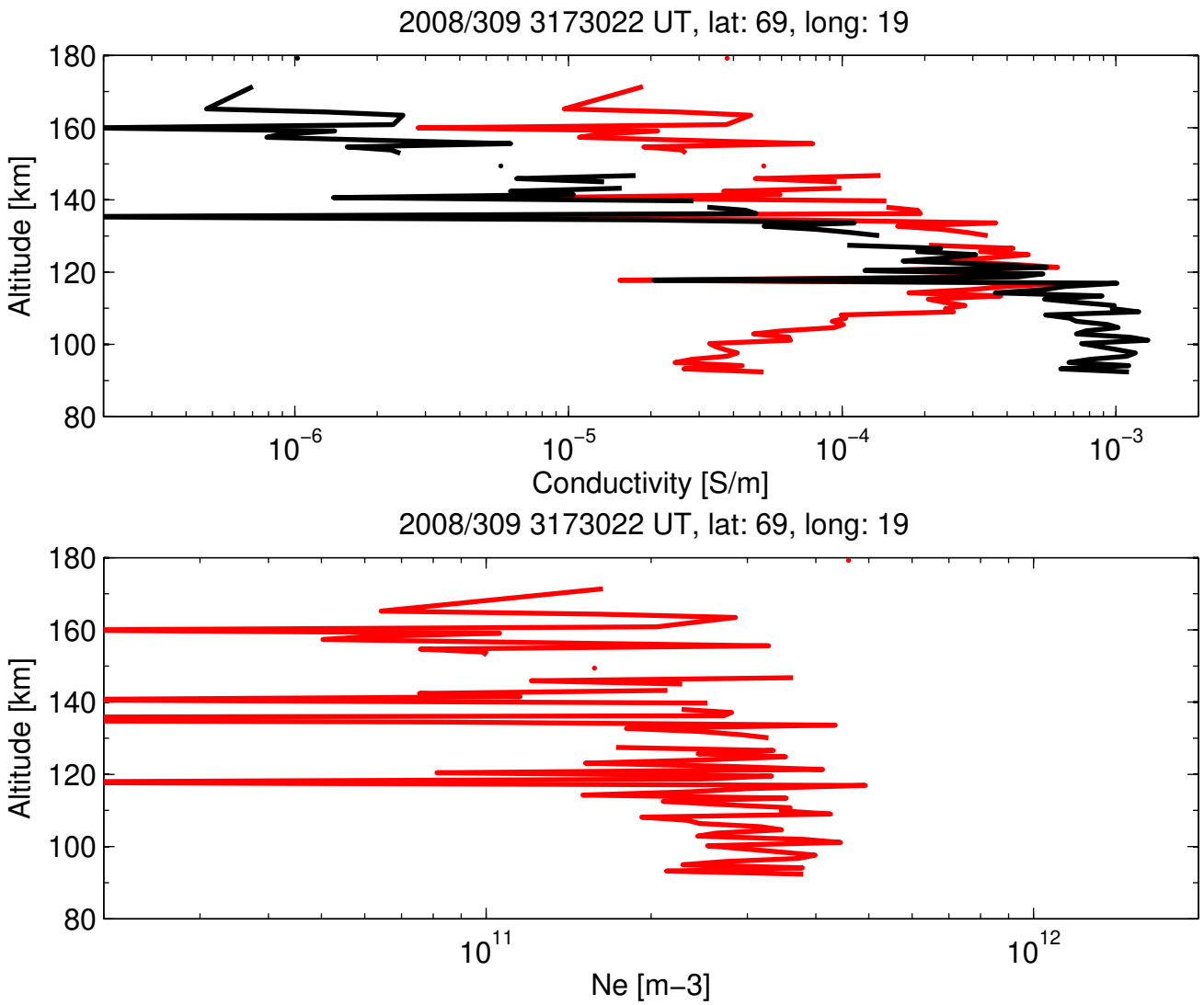
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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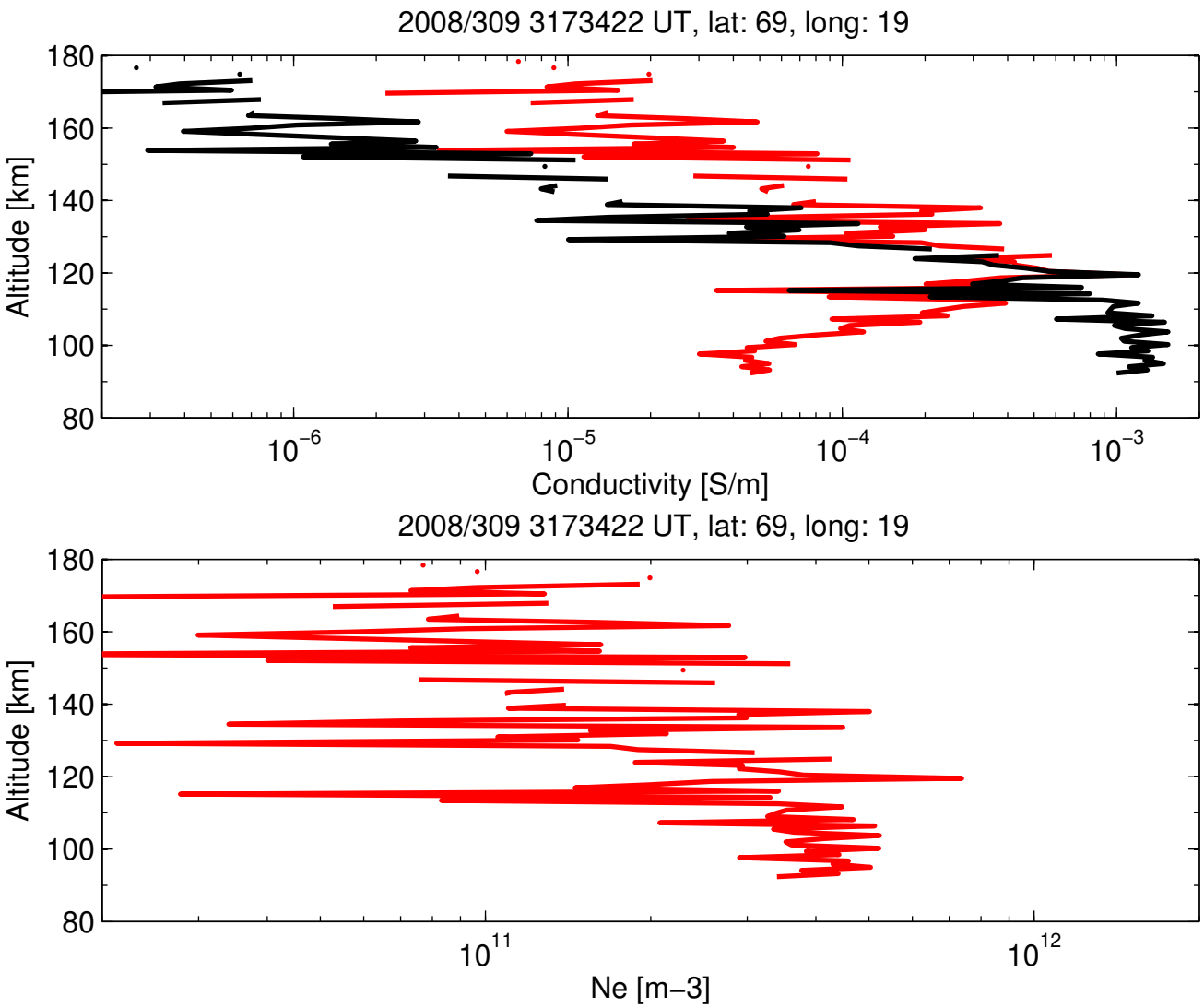
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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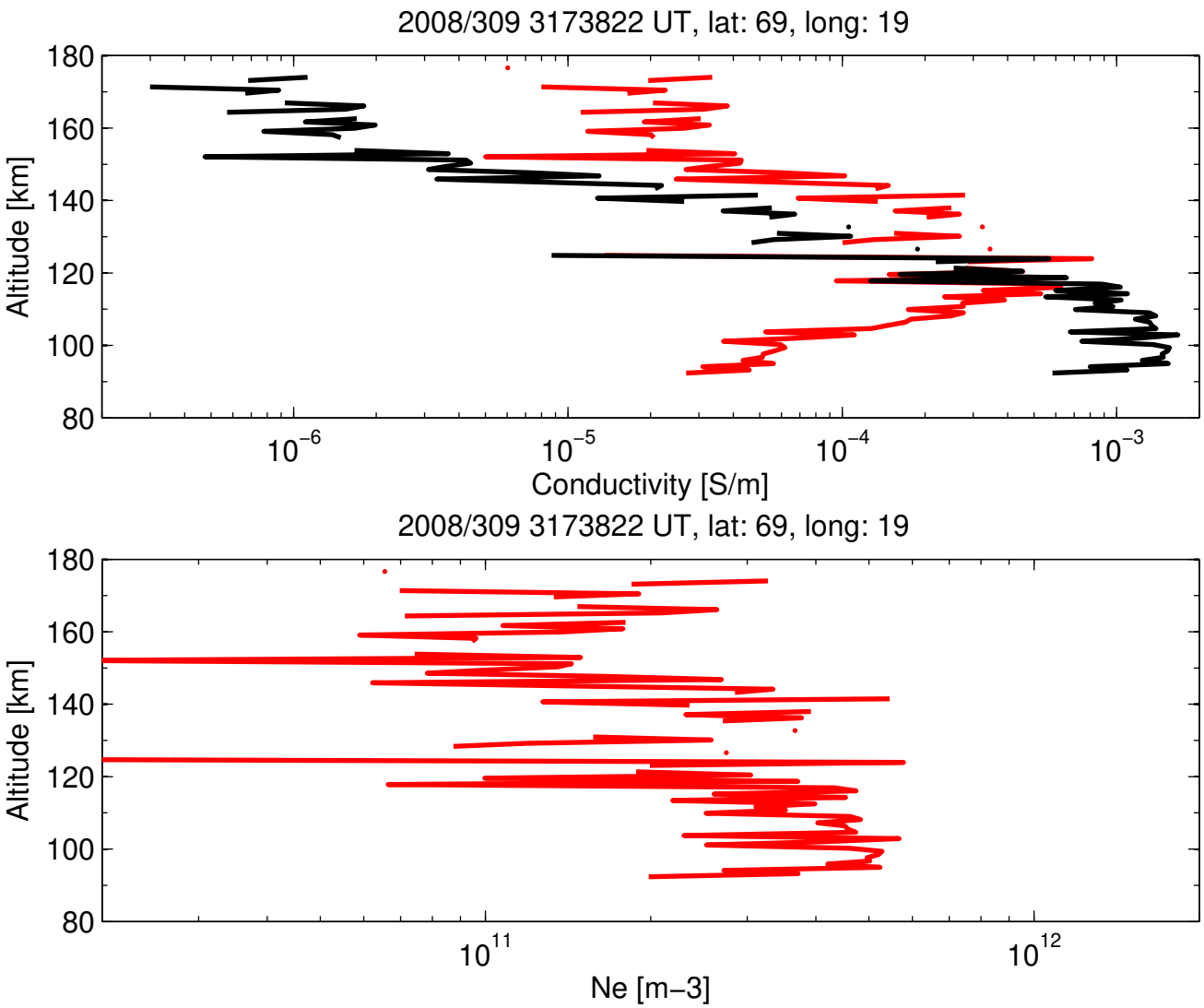
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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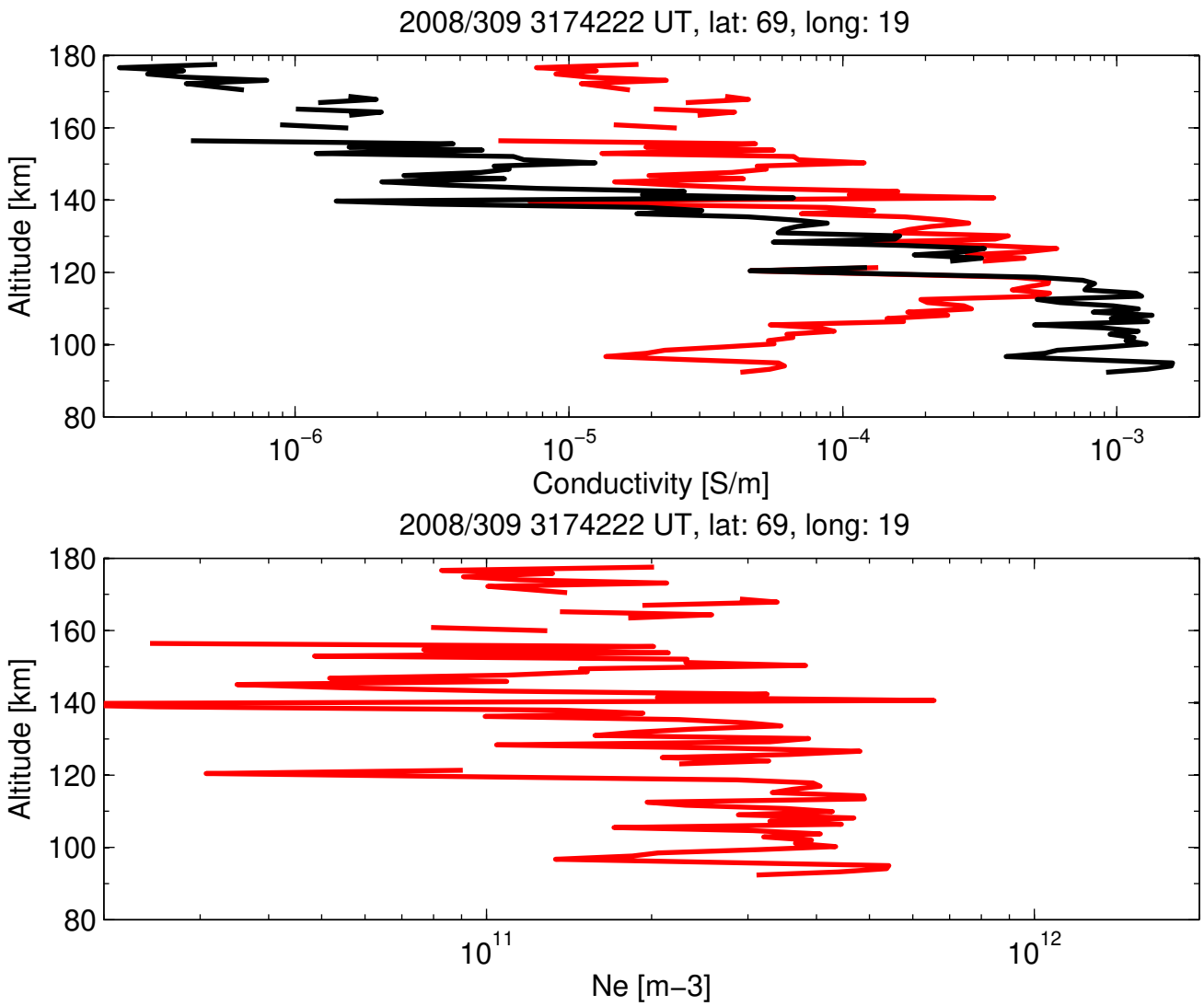
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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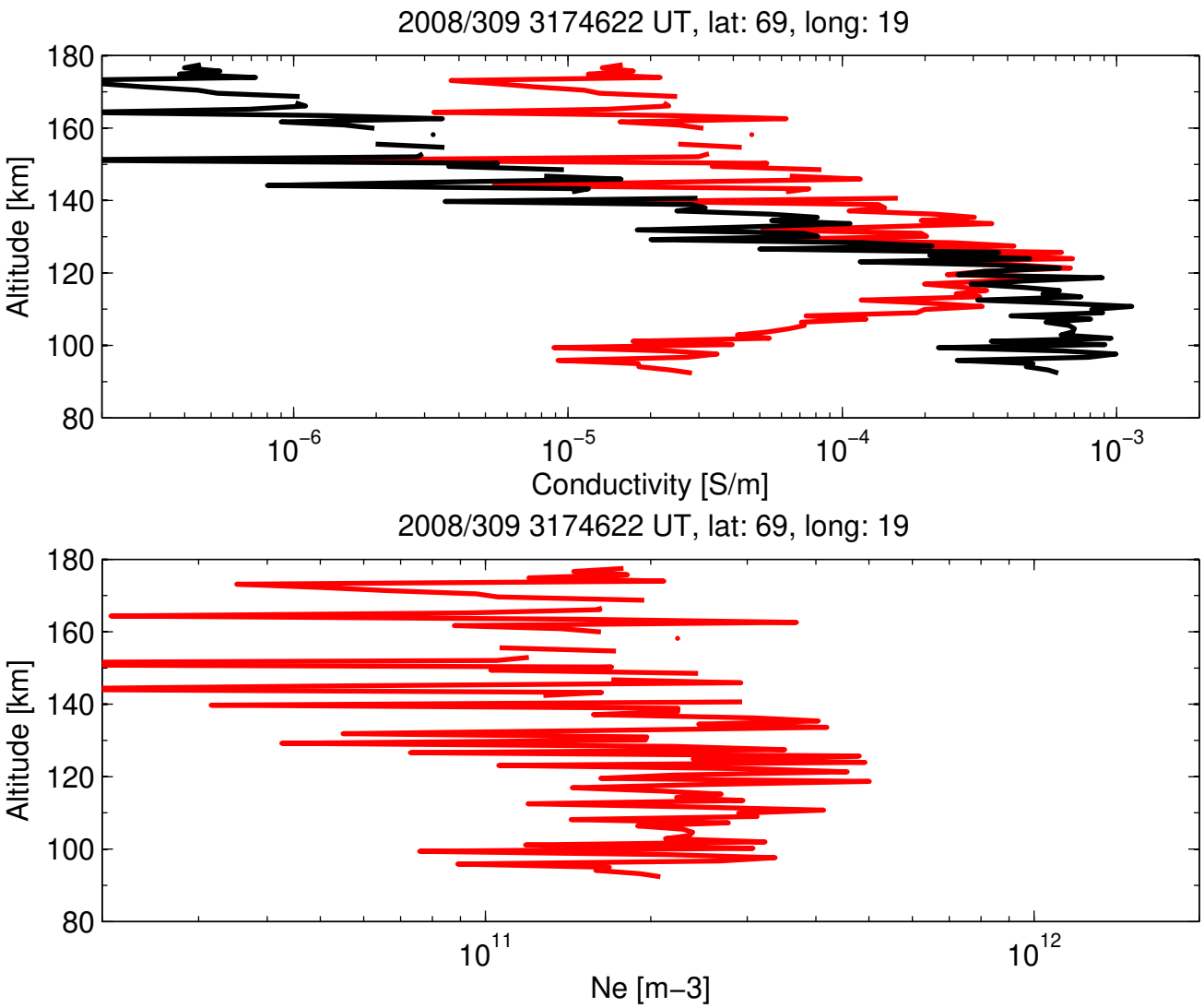
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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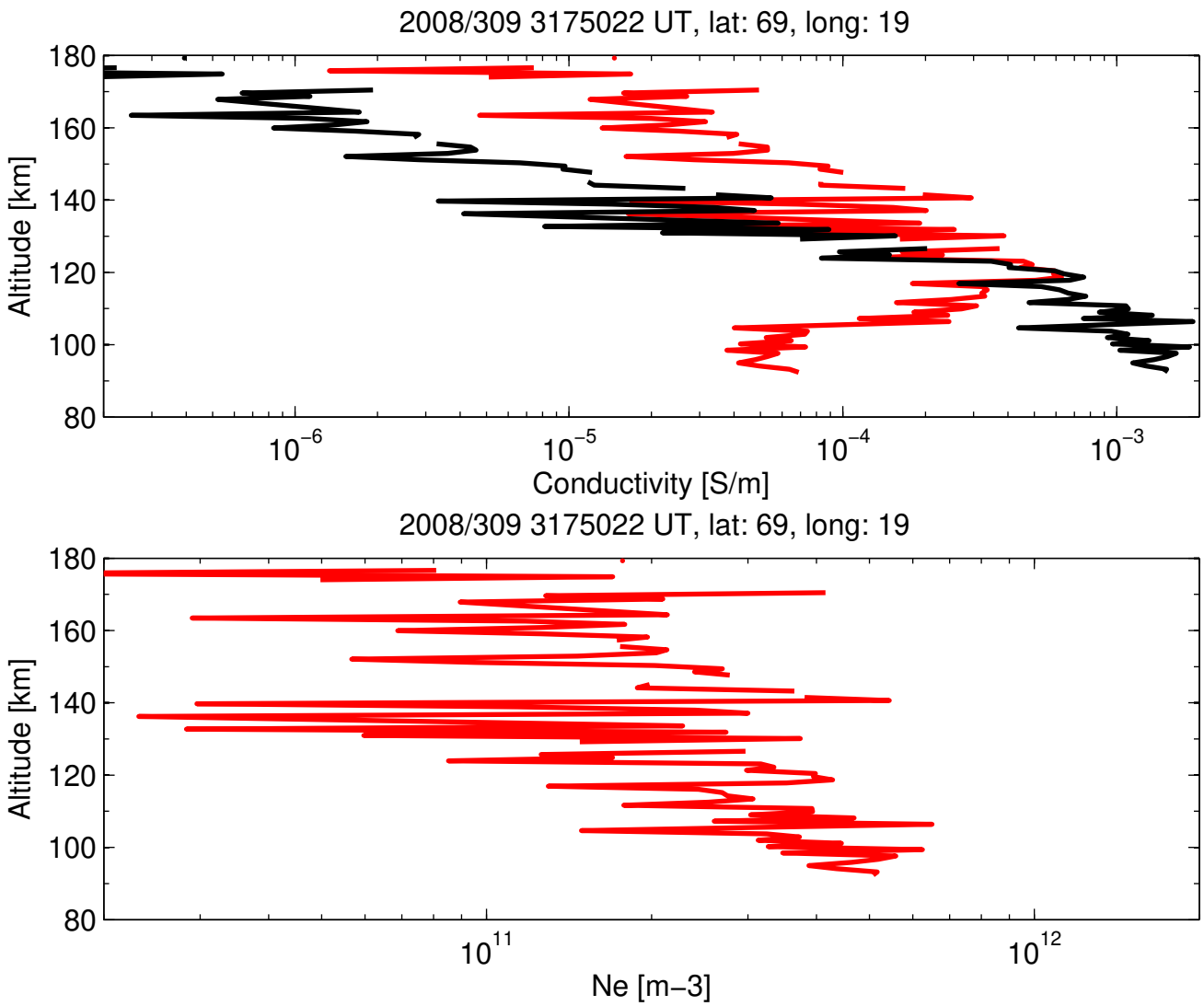
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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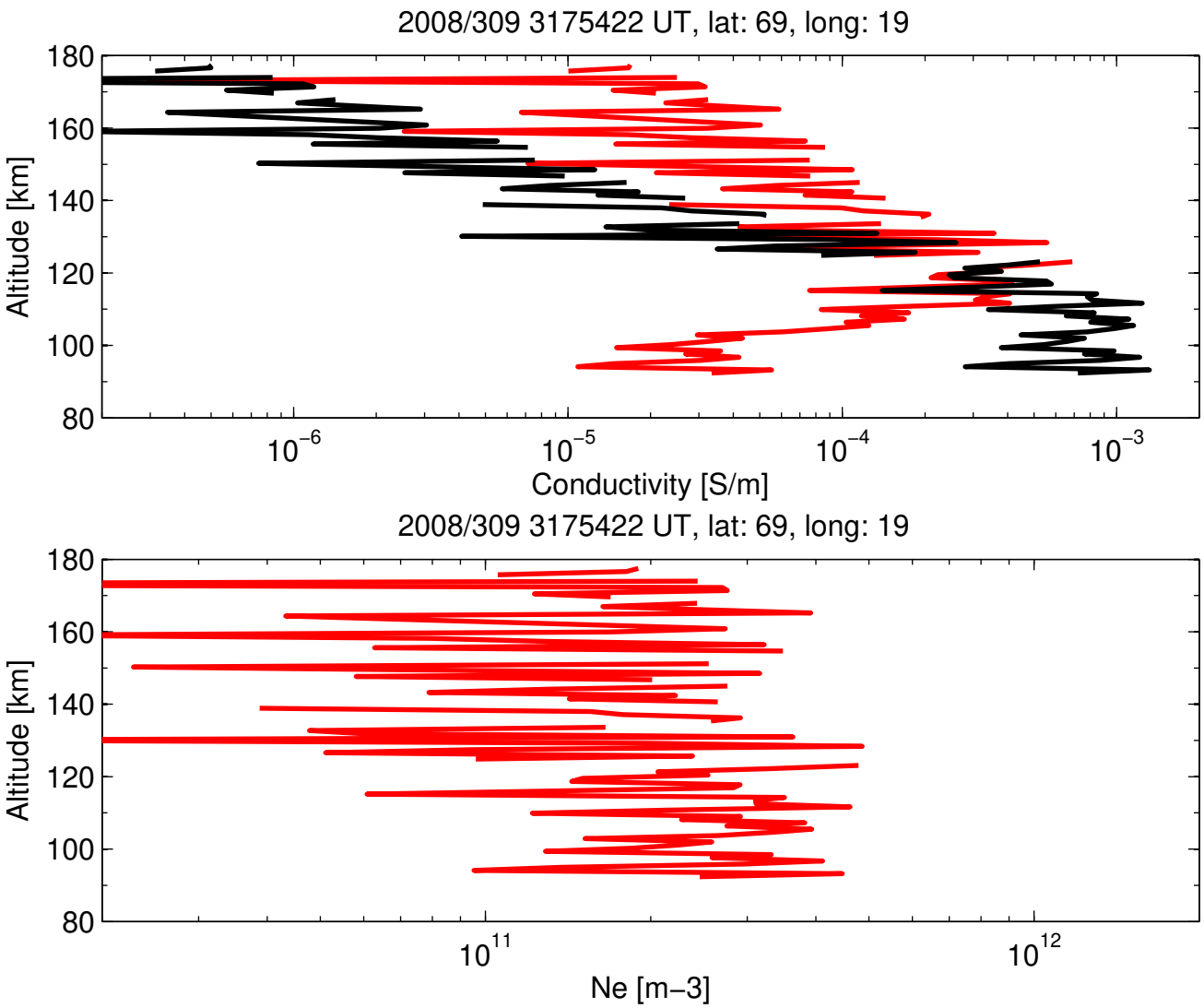
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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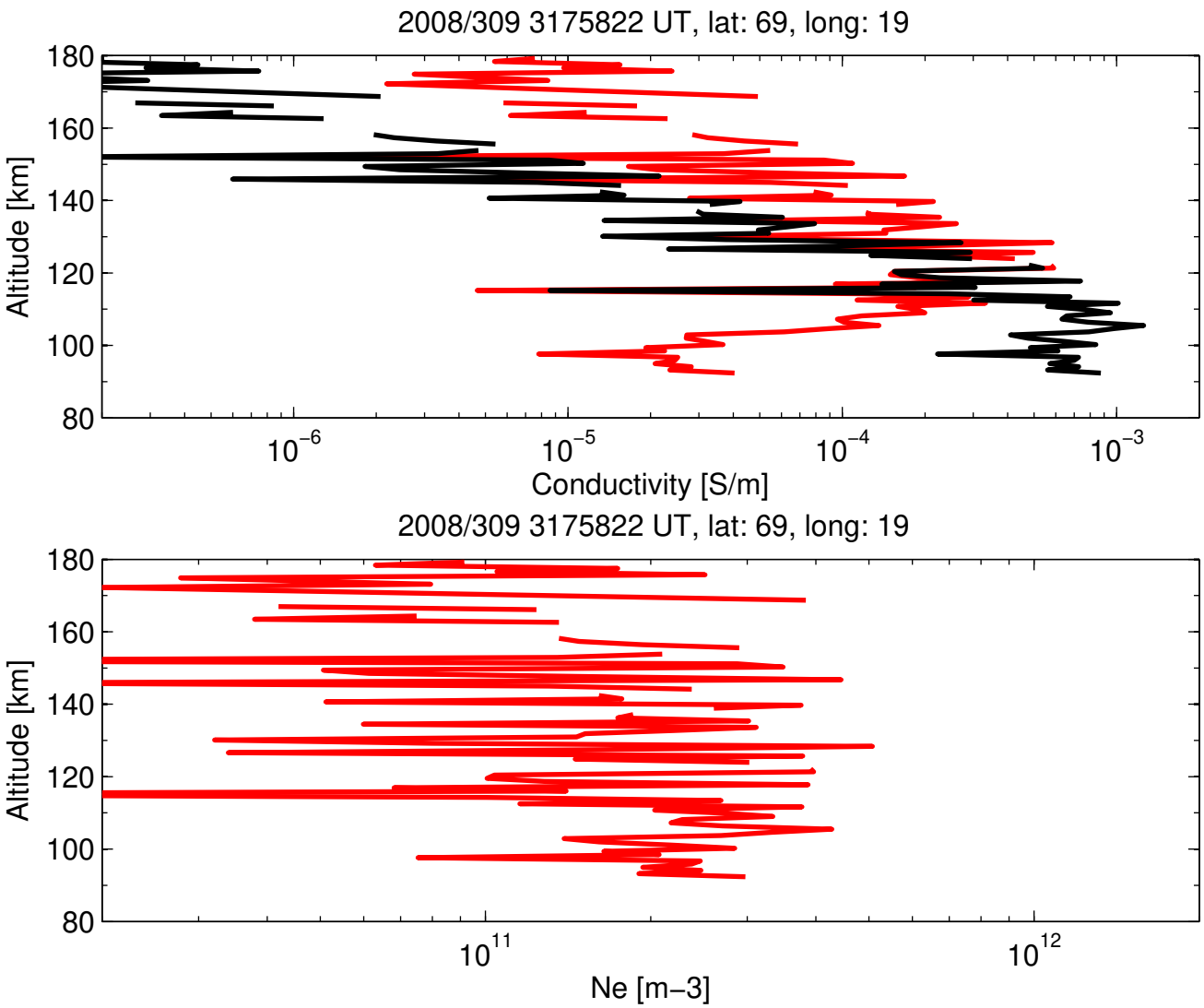
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
2008/309 3175822 UT, lat: 69, long: 19
Altitude [km]
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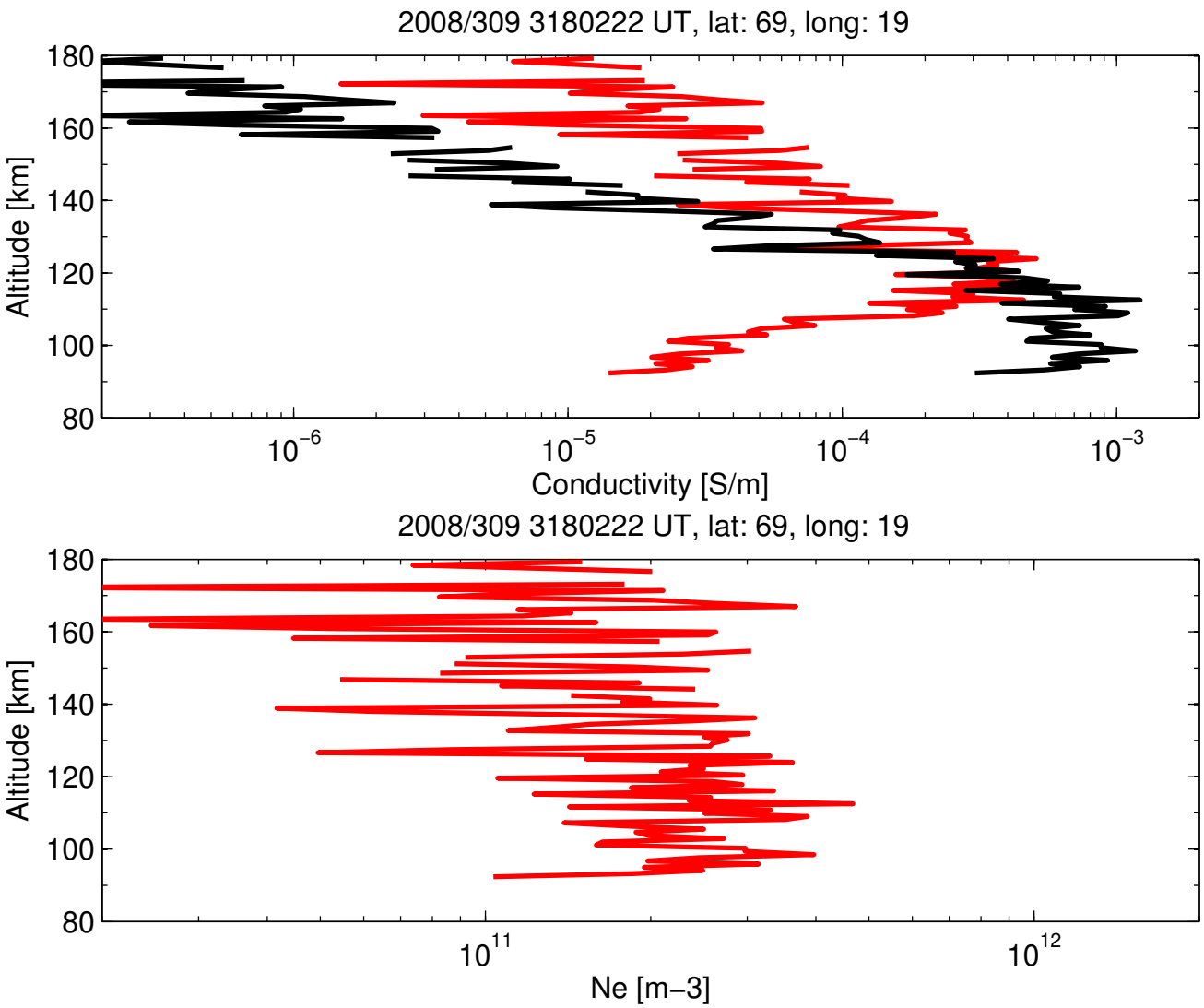
Ne [m−3]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Altitude [km]
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120
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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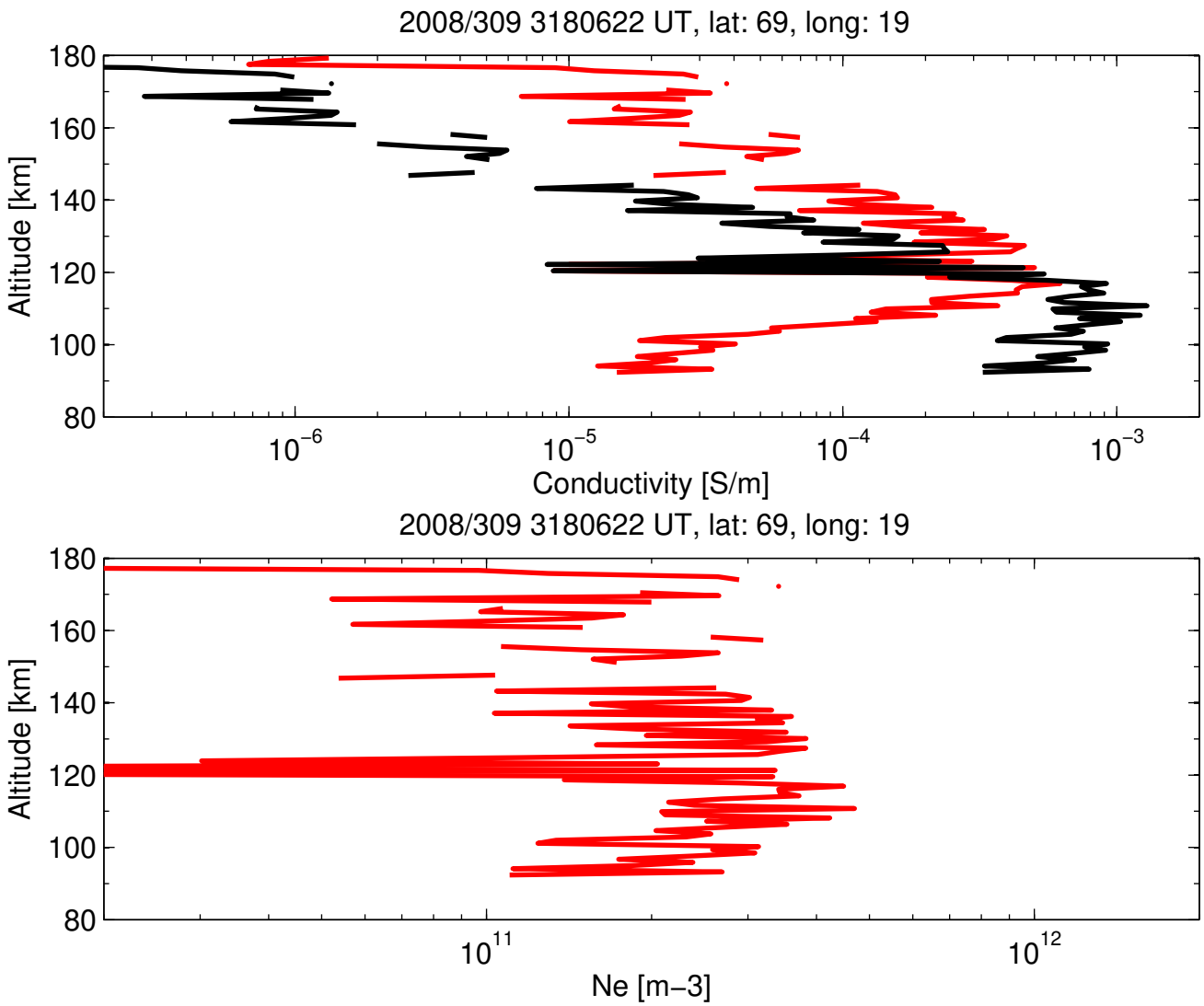
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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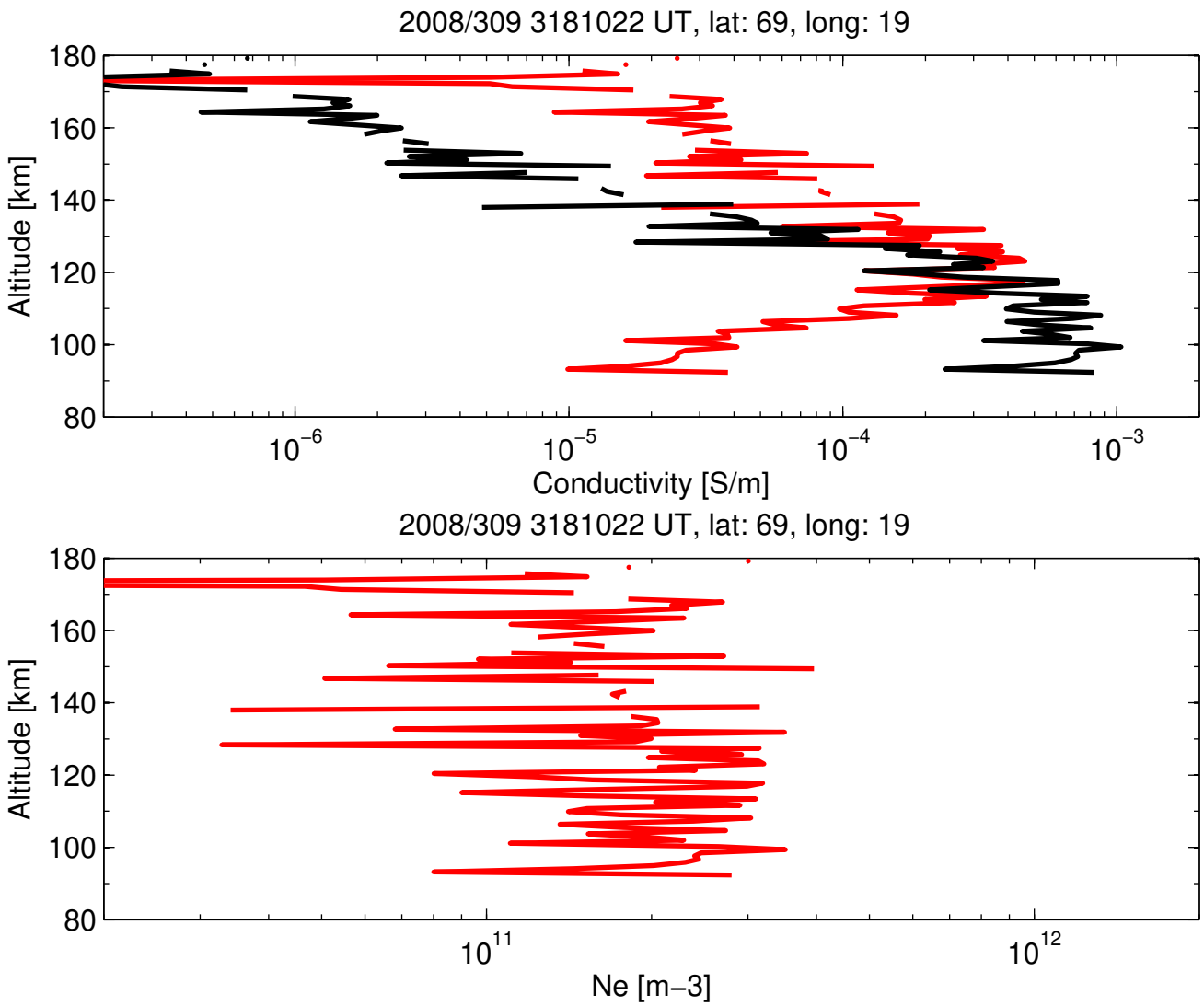
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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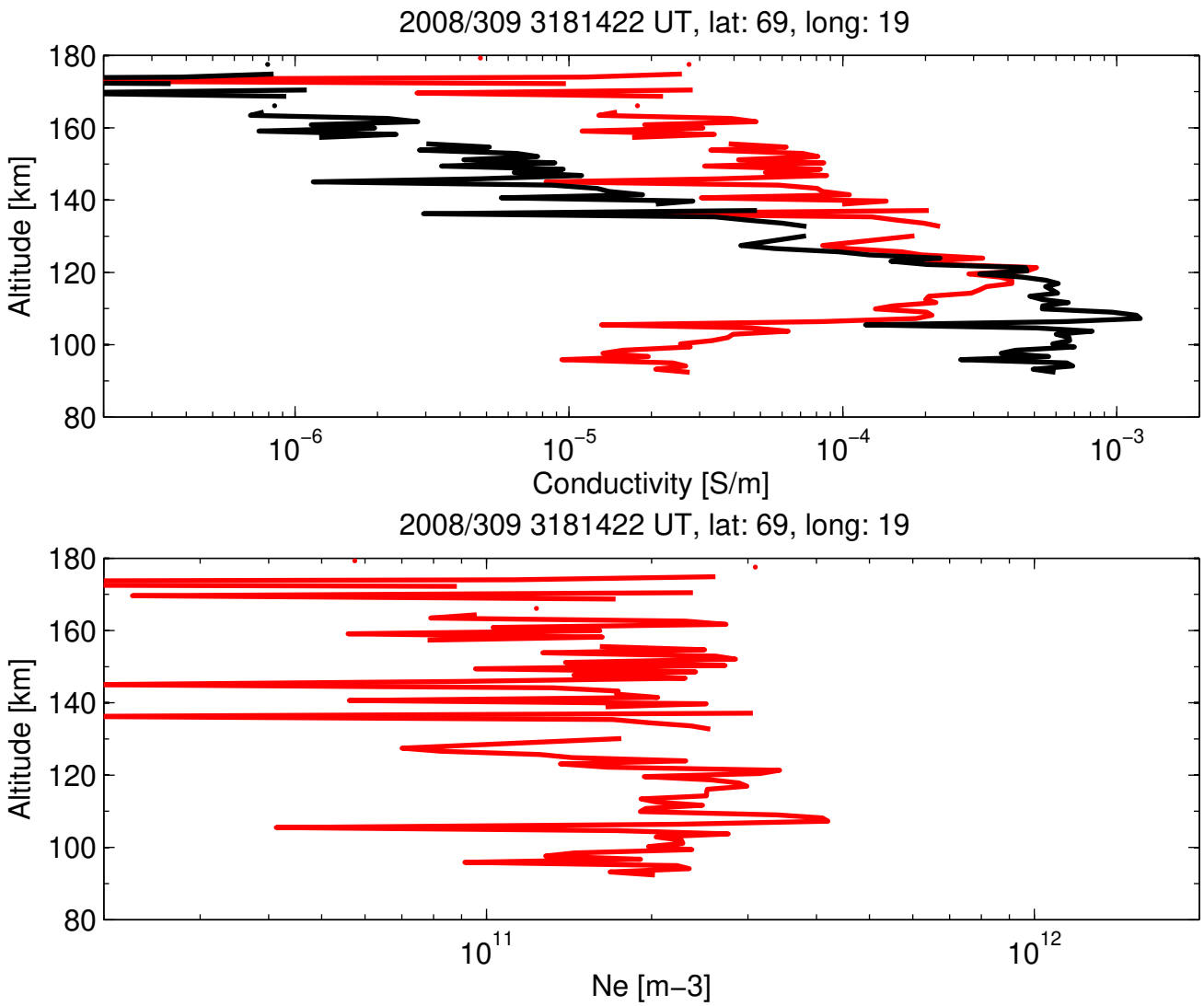
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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80
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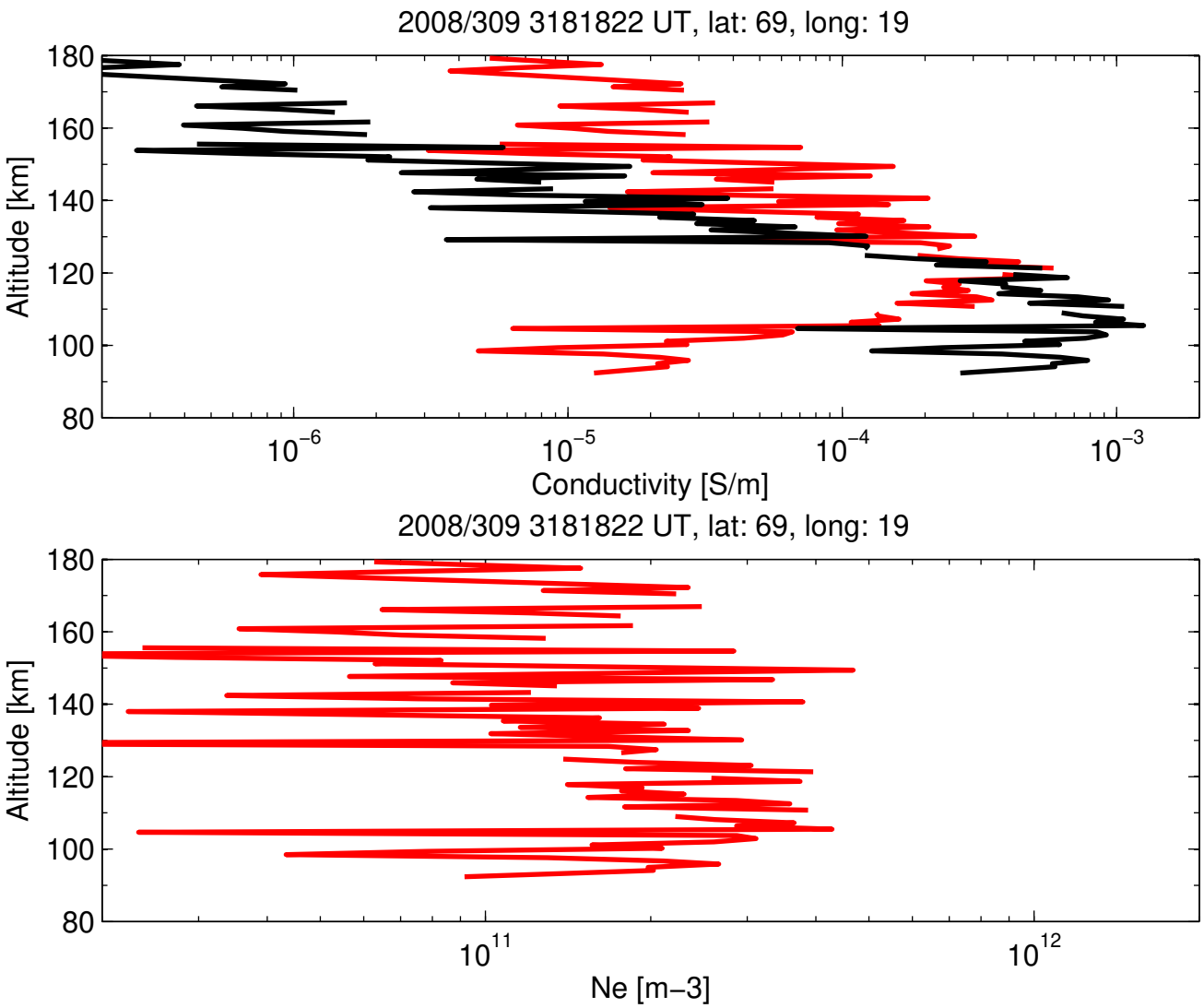
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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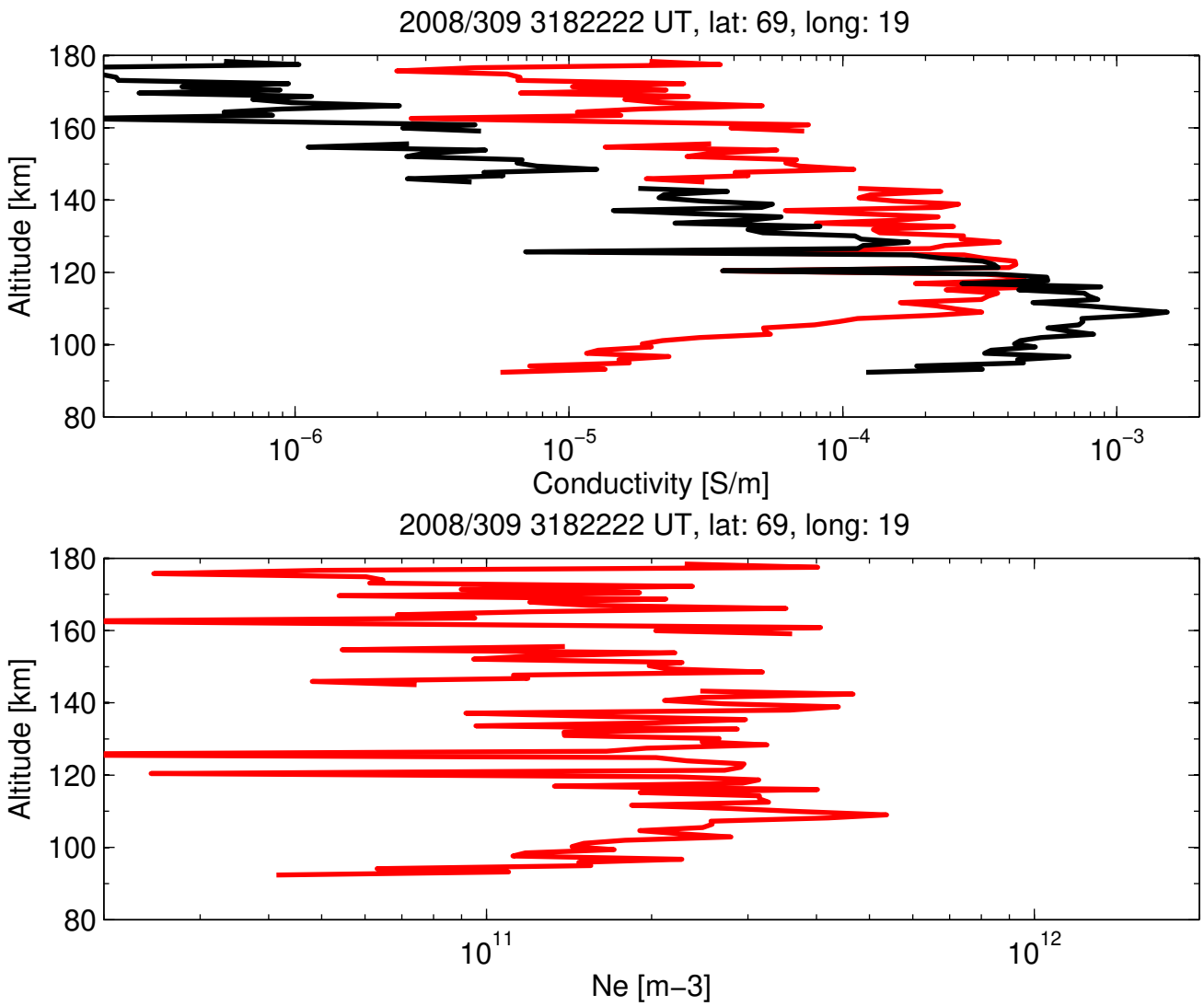
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3182222 UT, lat: 69, long: 19
Altitude [km]
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10^{12}
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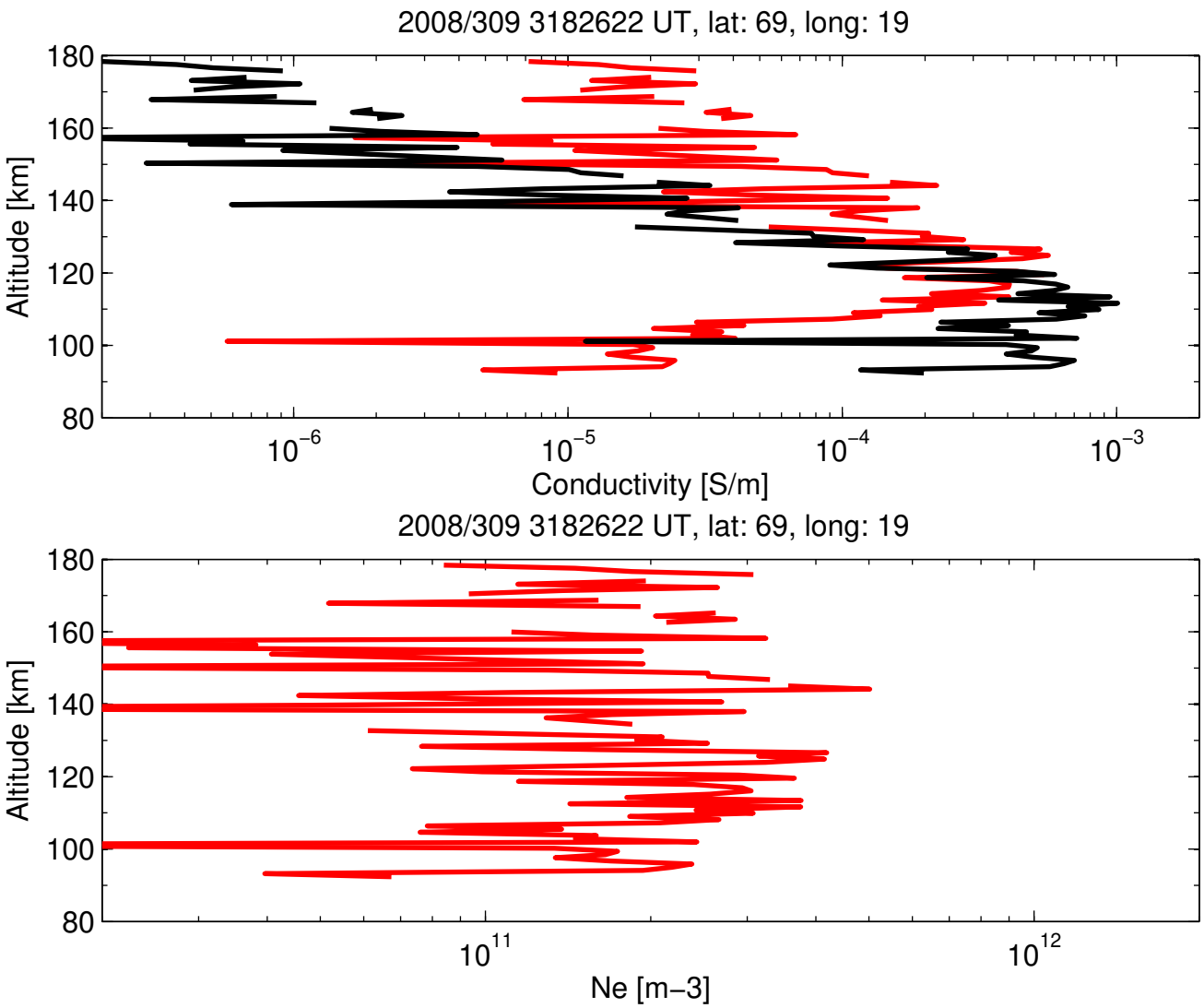
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Altitude [km]
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80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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80
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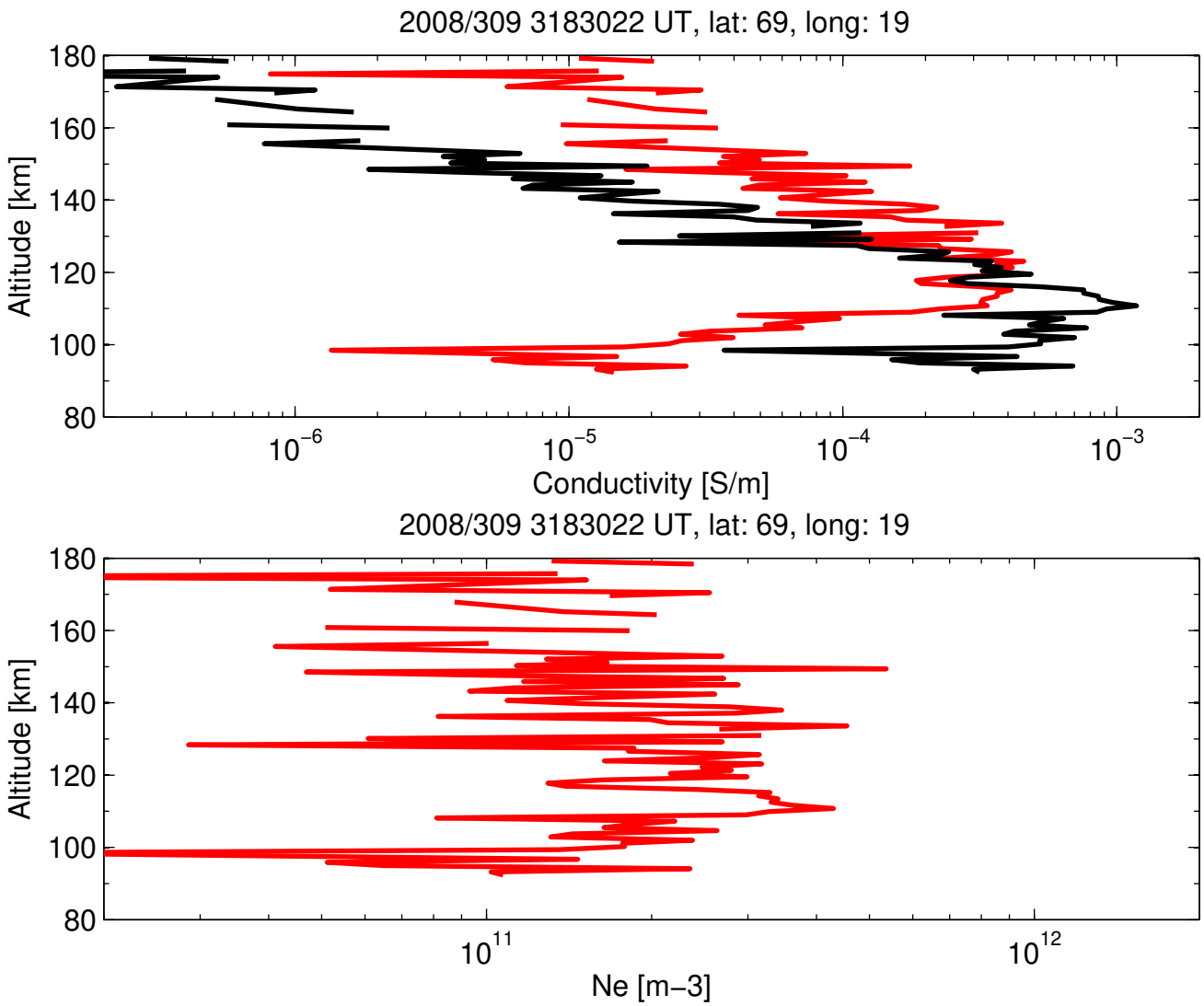
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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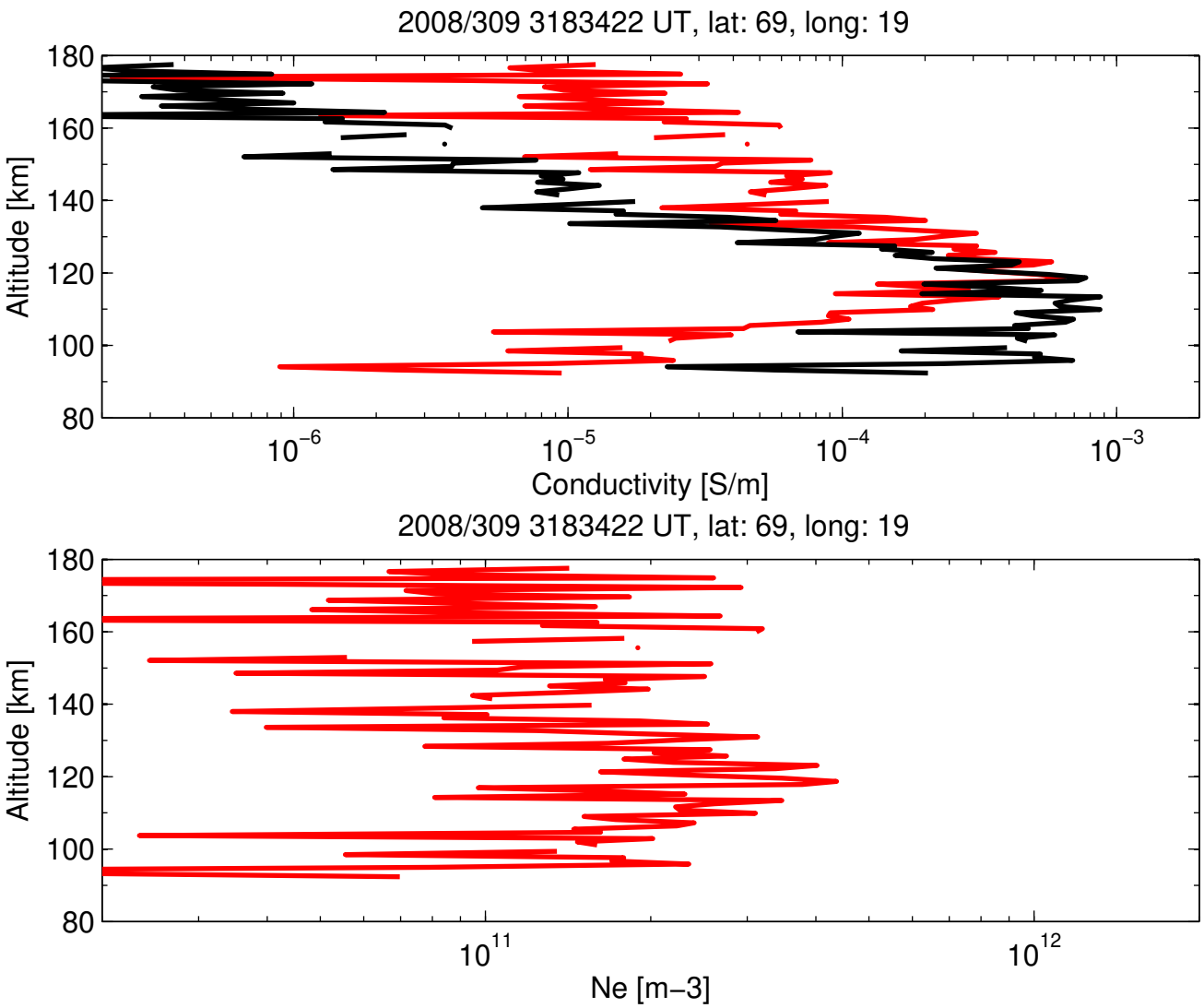
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3183422 UT, lat: 69, long: 19
Altitude [km]
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120
100
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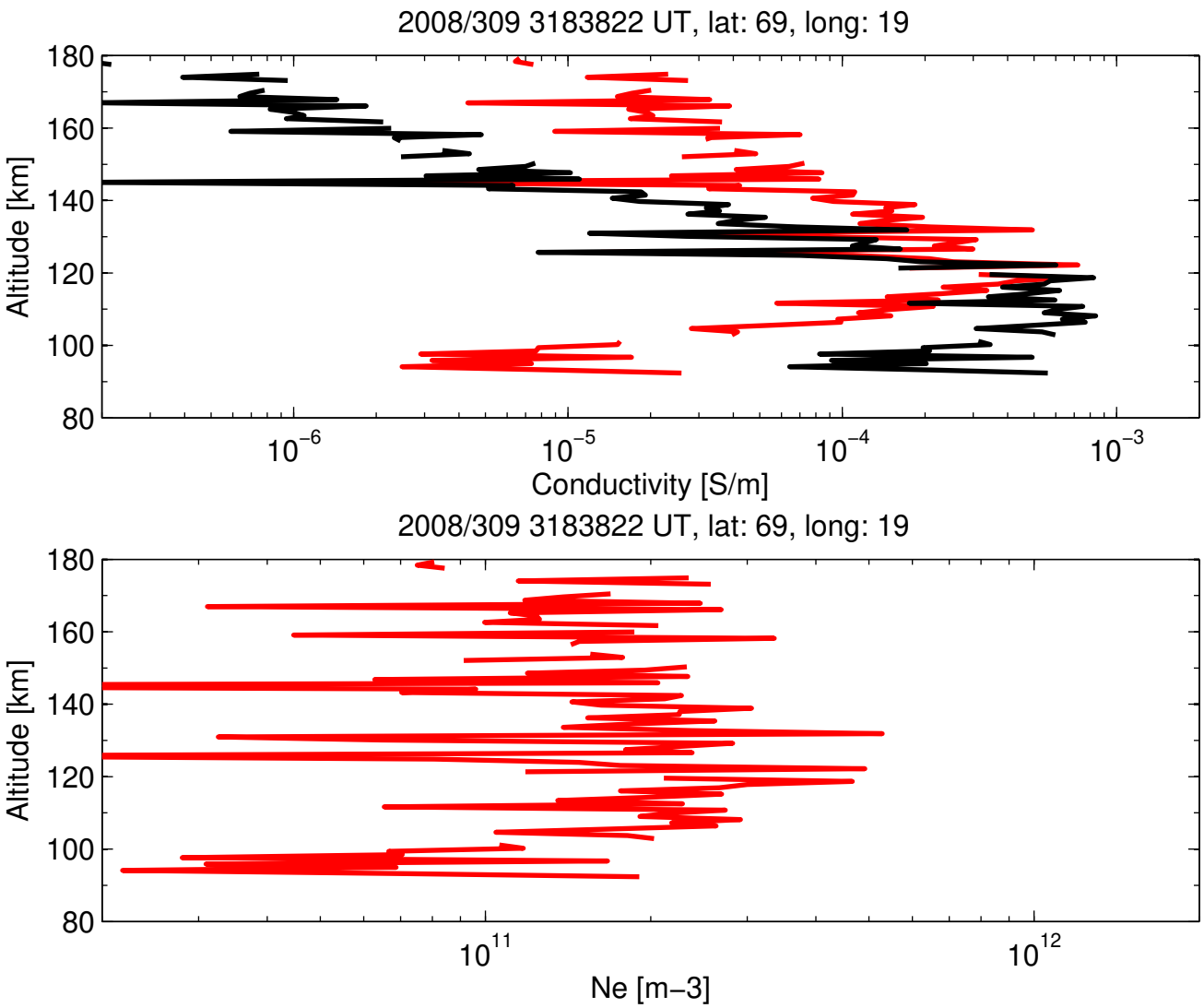
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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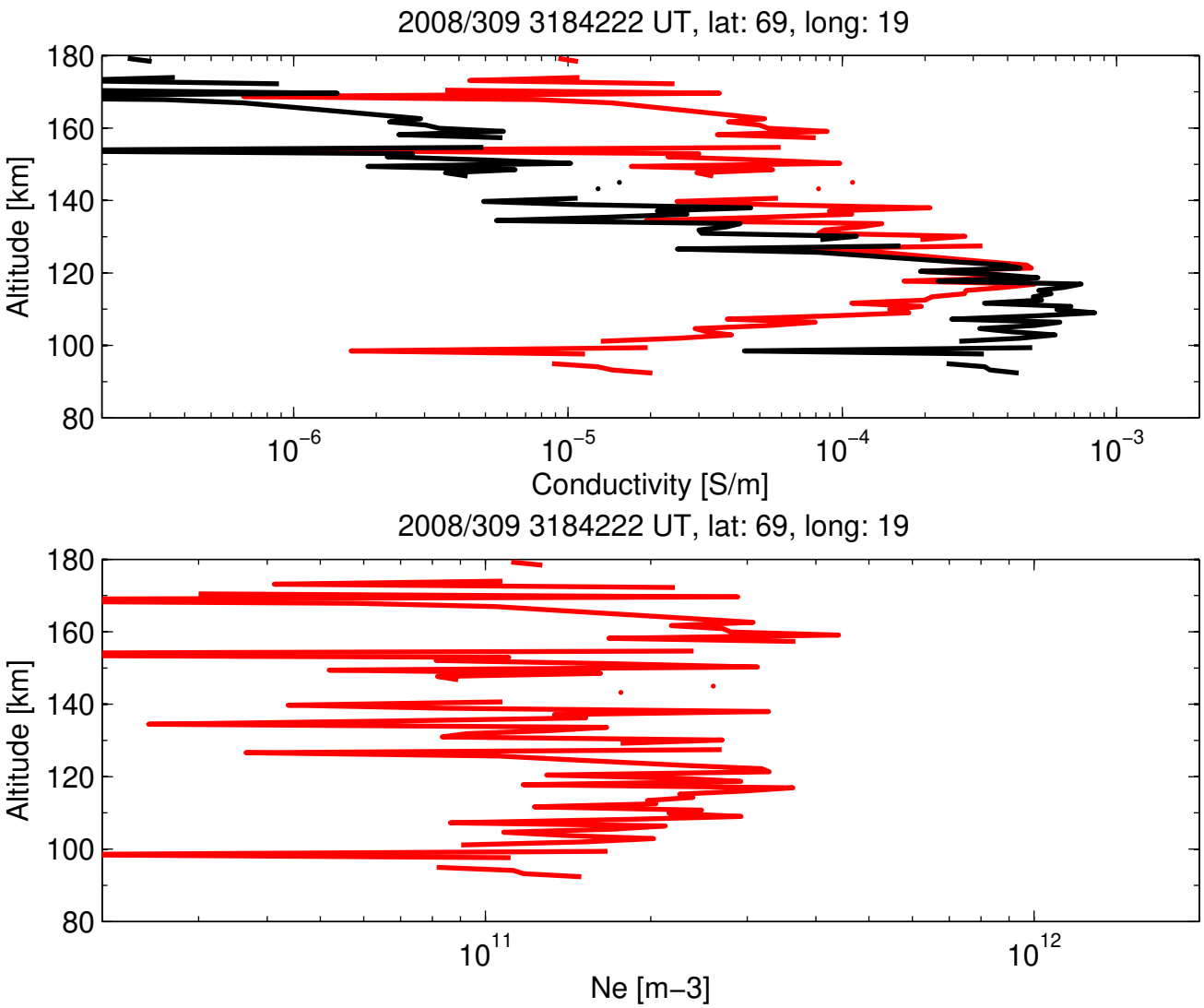
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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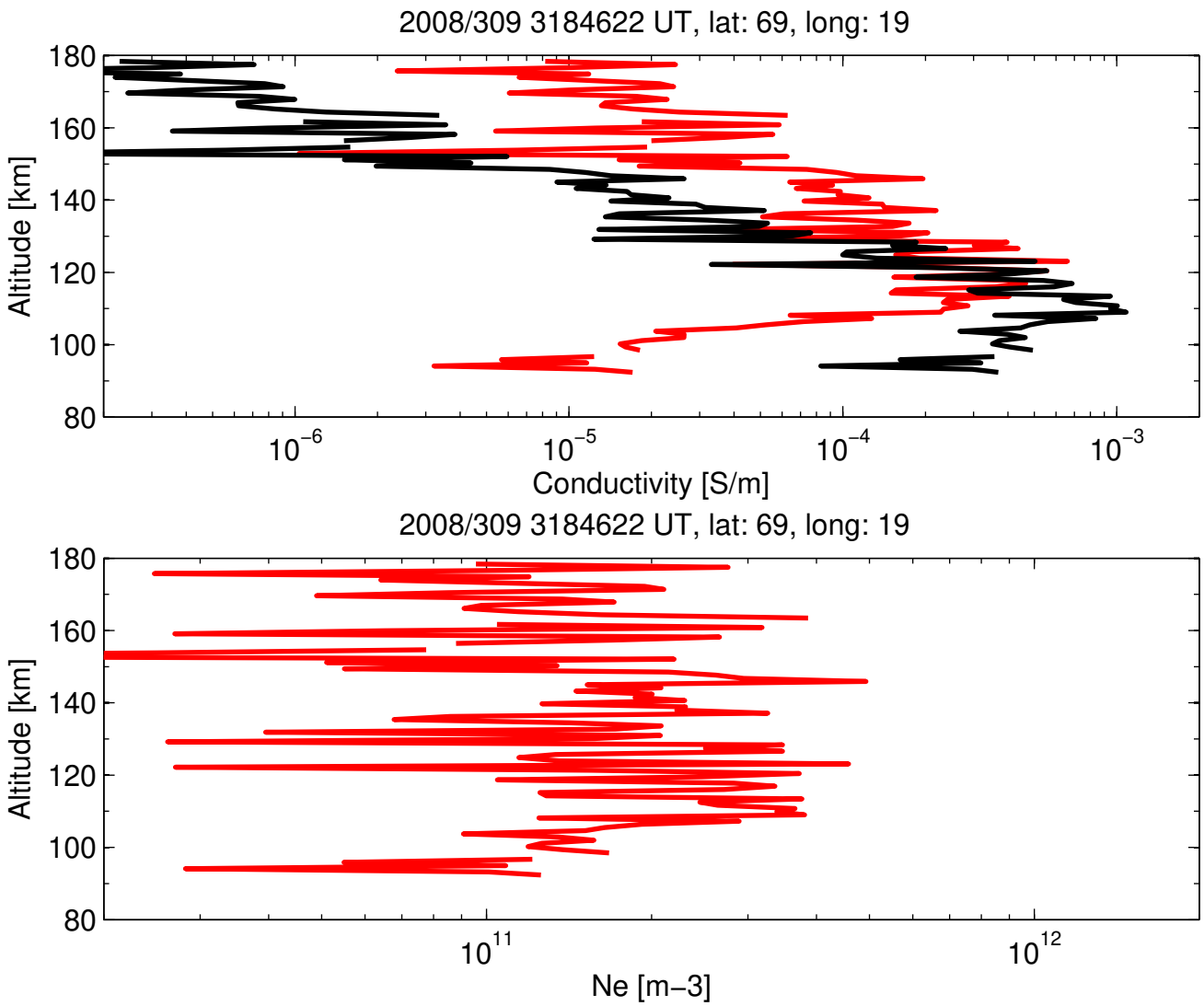
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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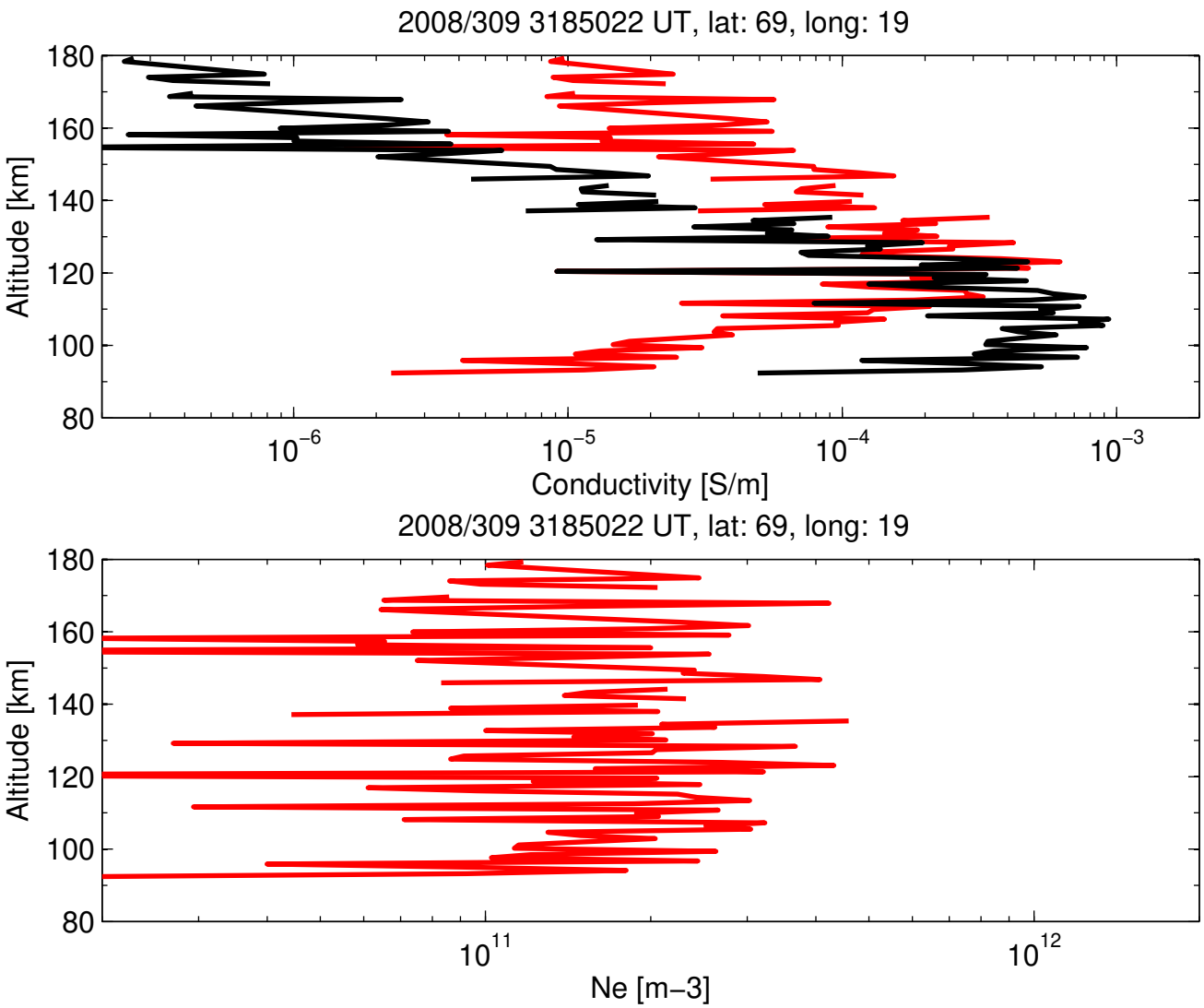
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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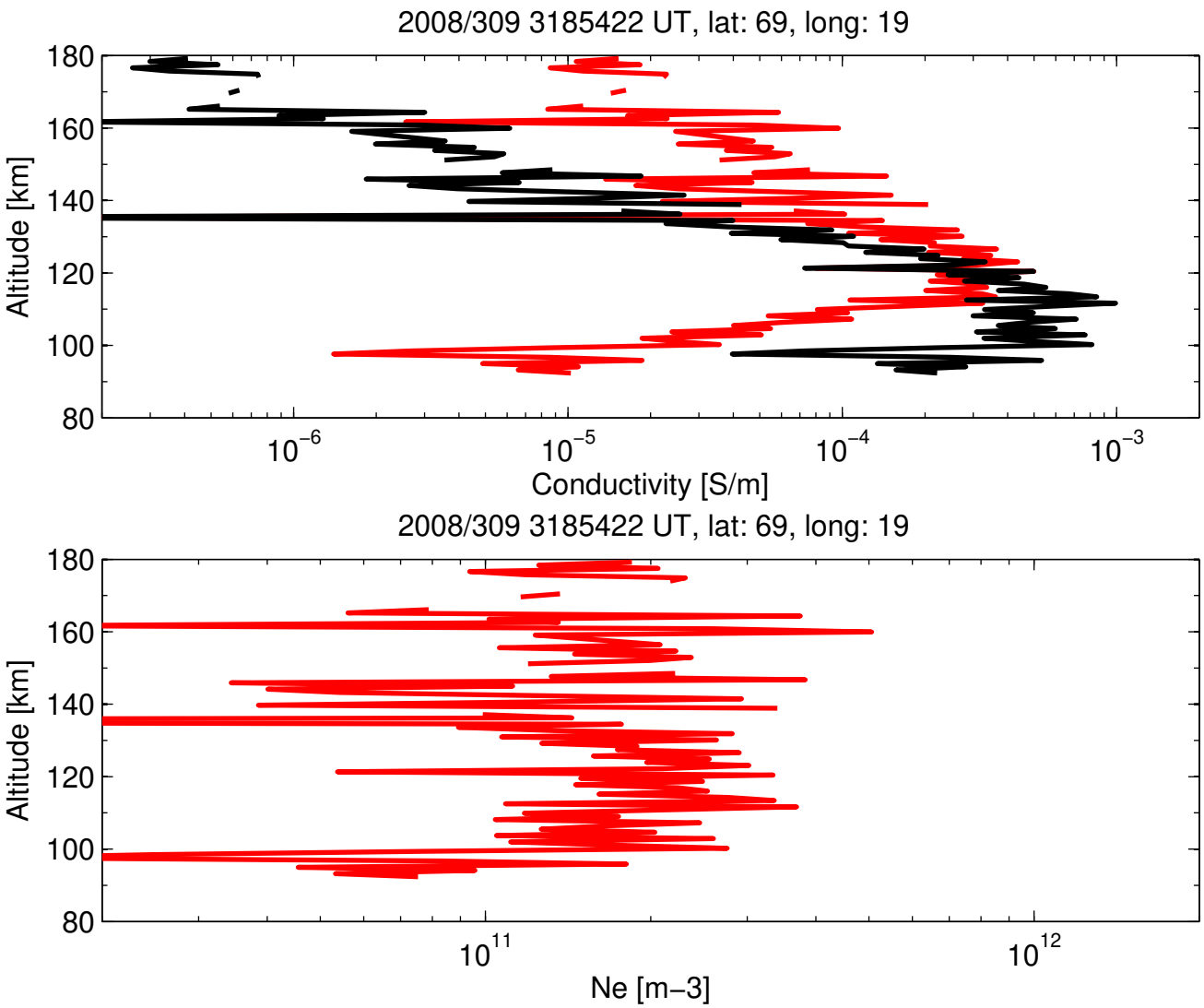
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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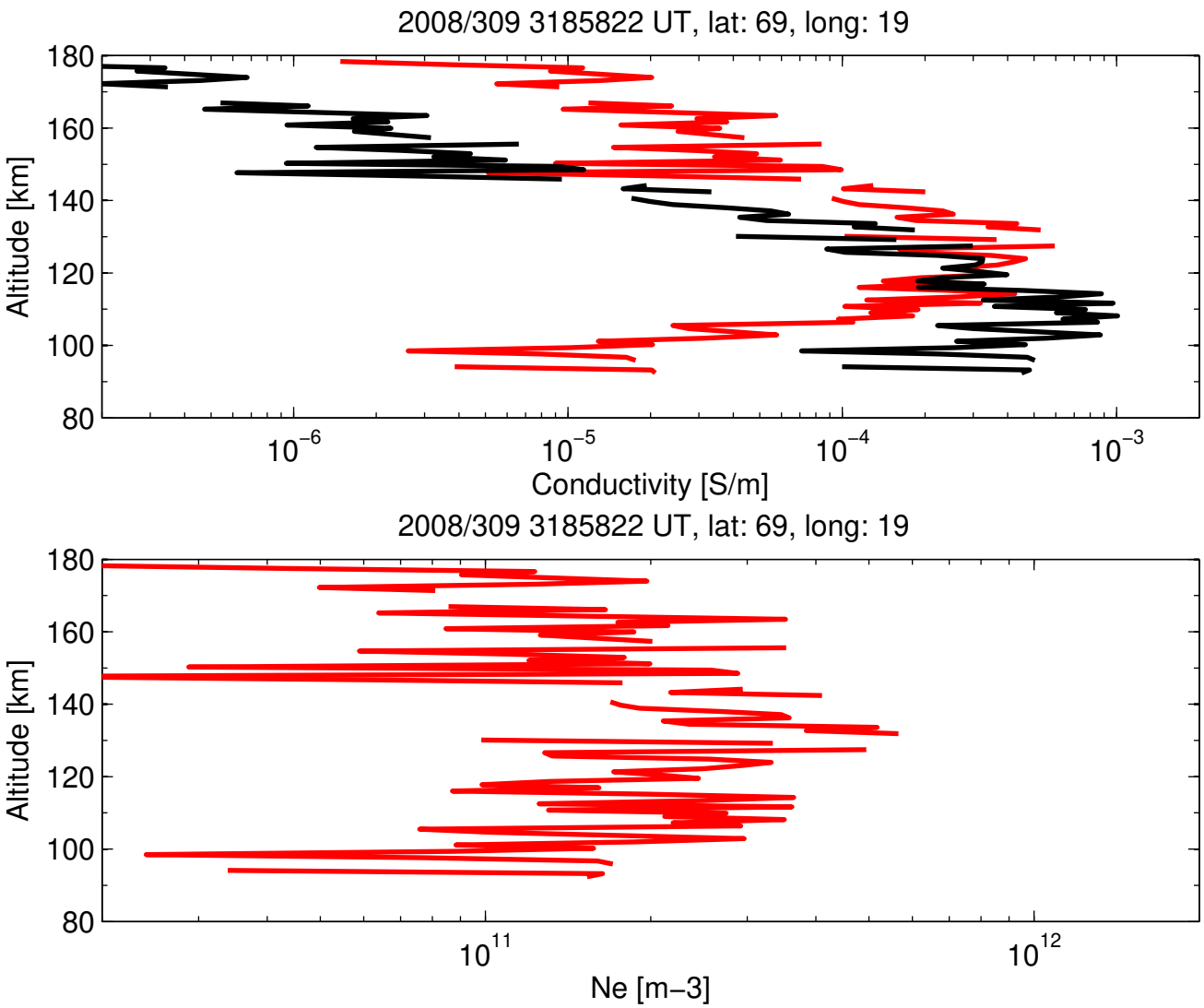
10^{12}
Ne [m−3]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Conductivity [S/m]
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Altitude [km]
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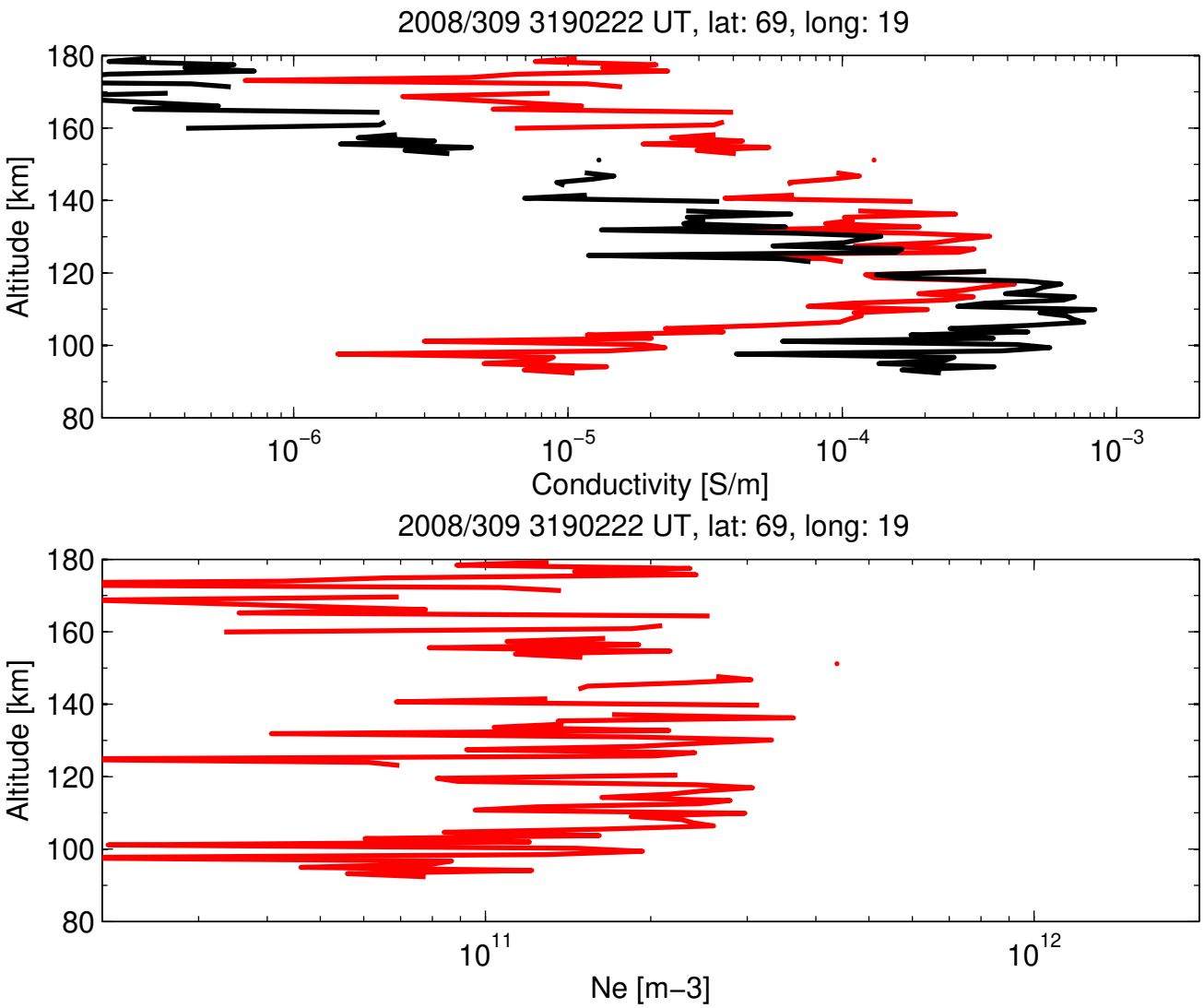
10^{12}
Ne [m−3]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10^{-3}
Conductivity [S/m]
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Altitude [km]
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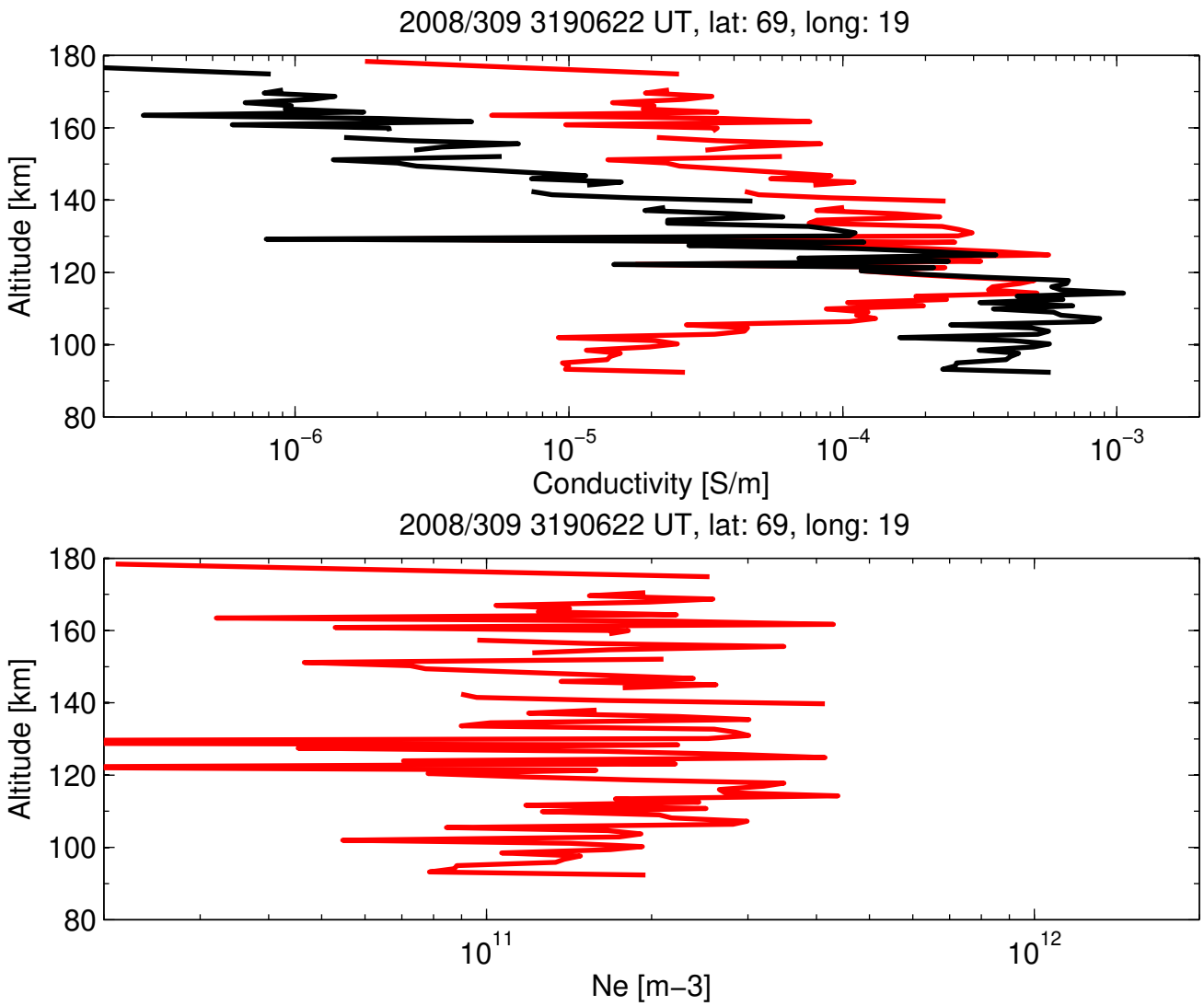
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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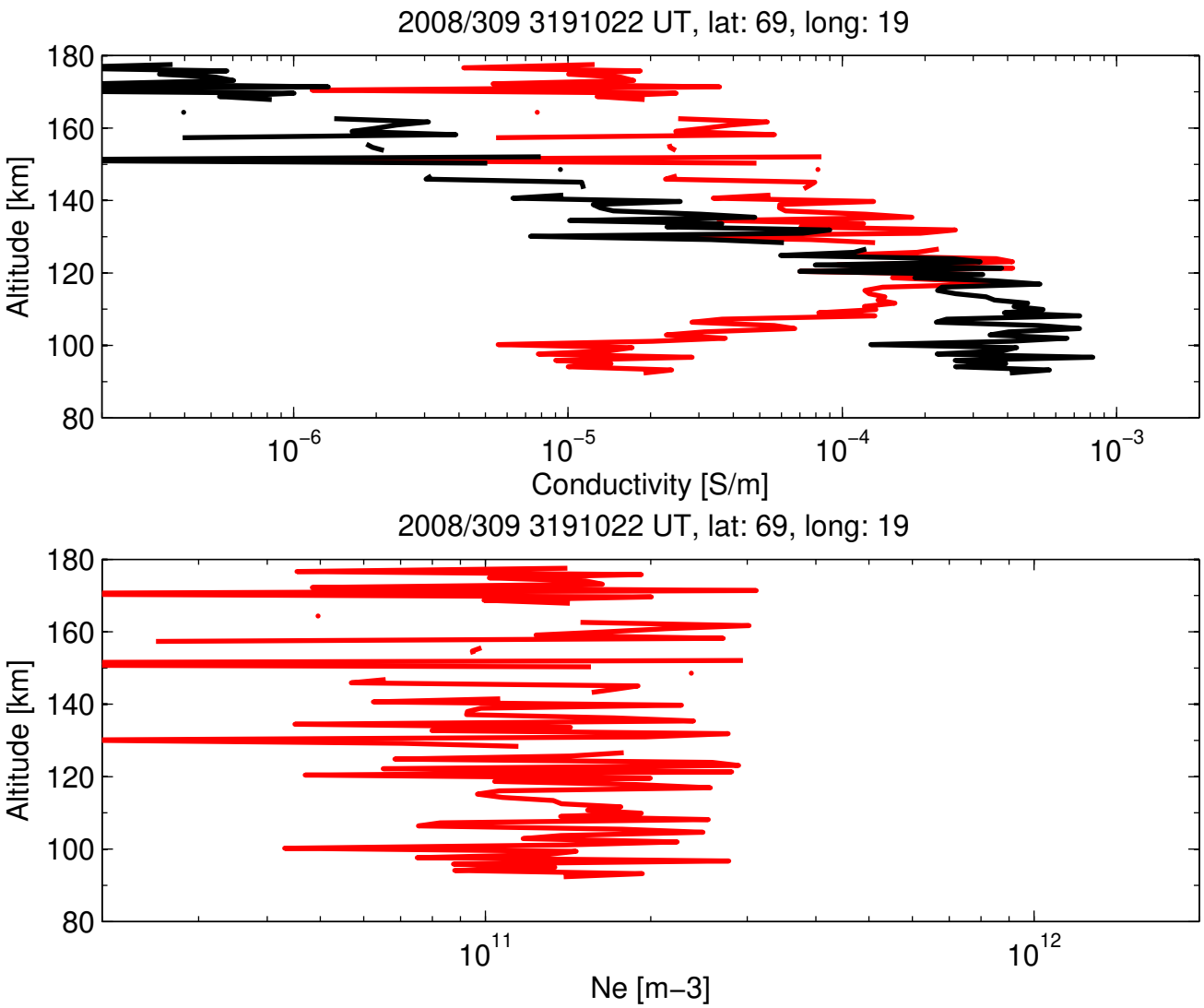
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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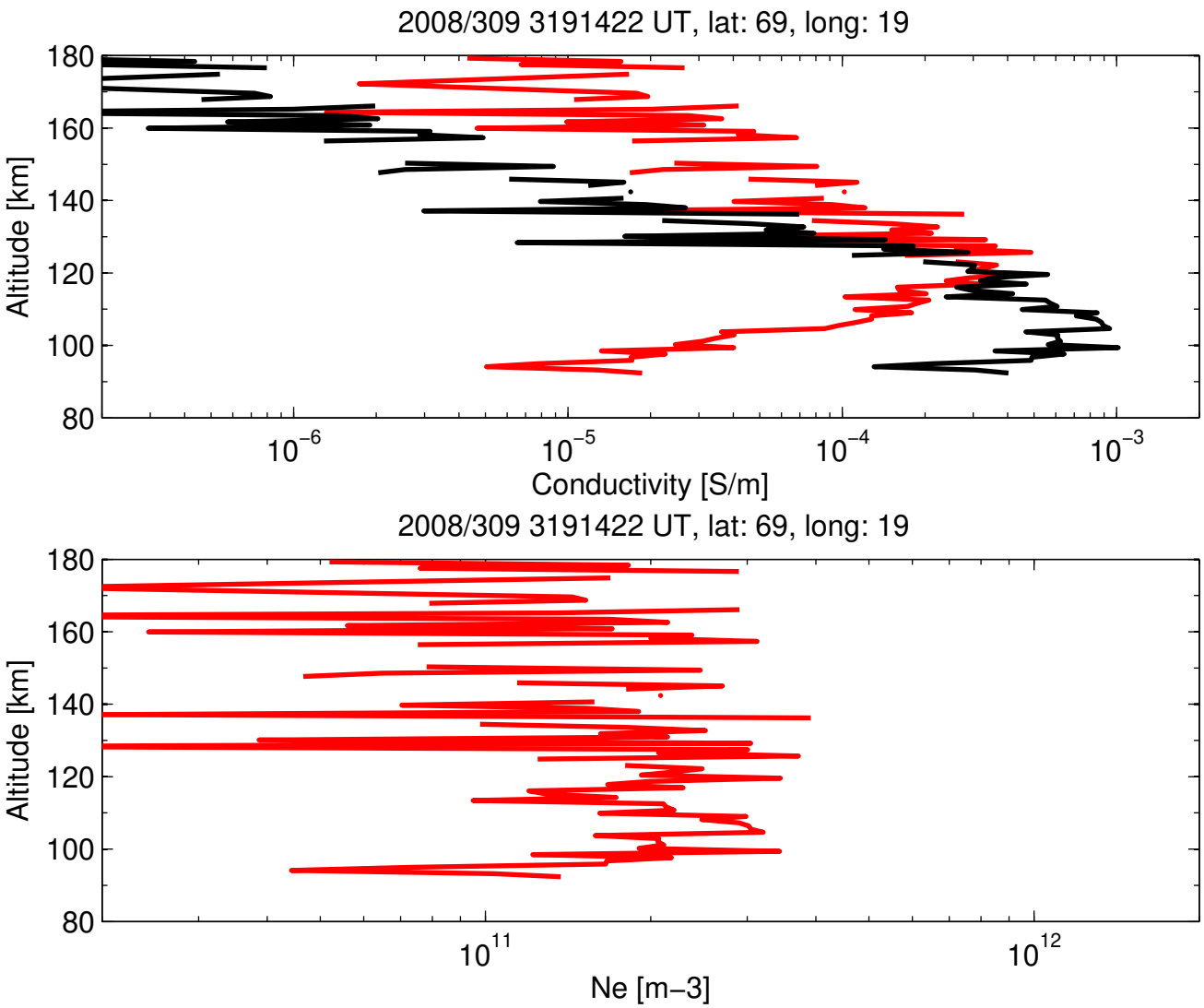
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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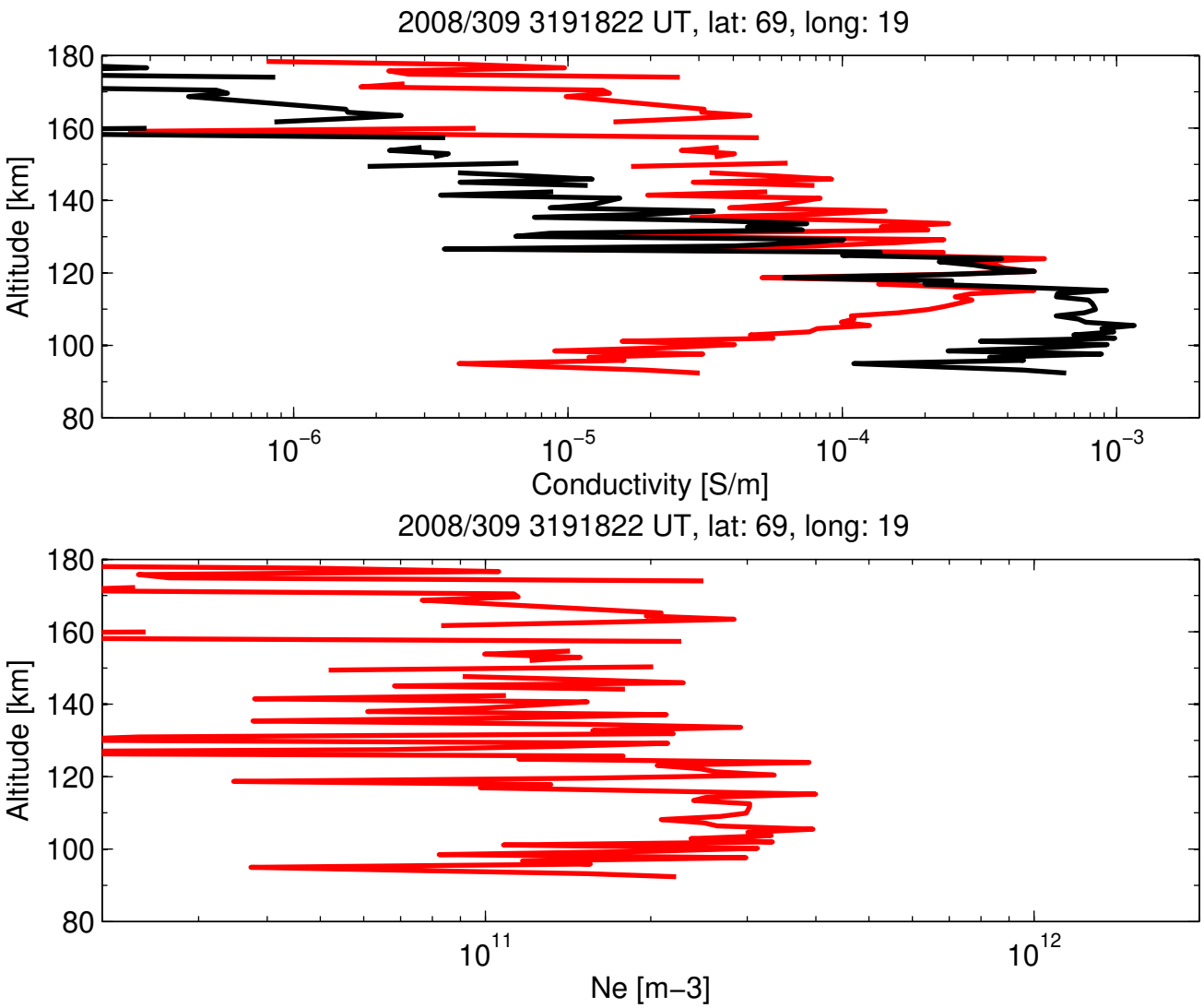
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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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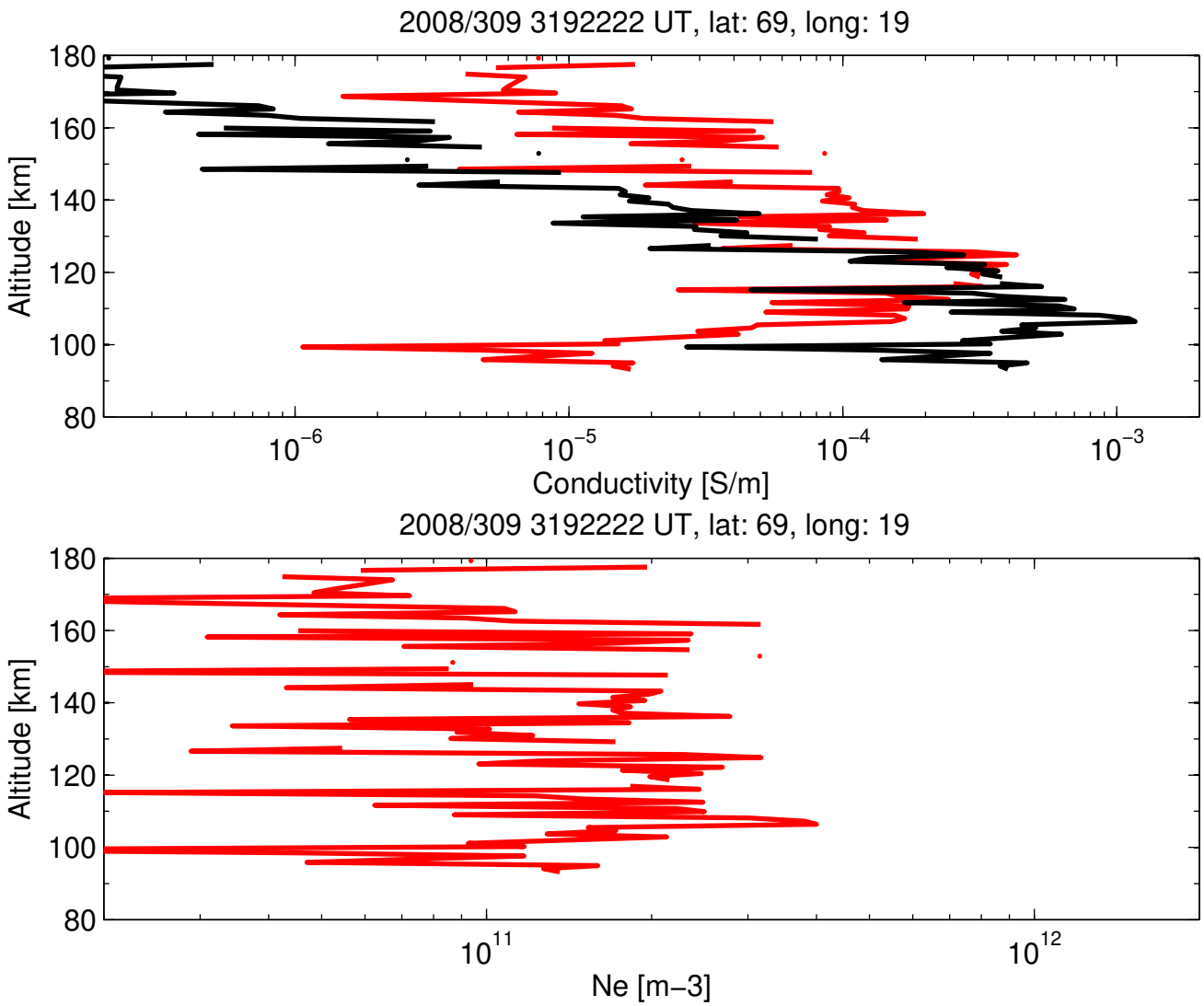
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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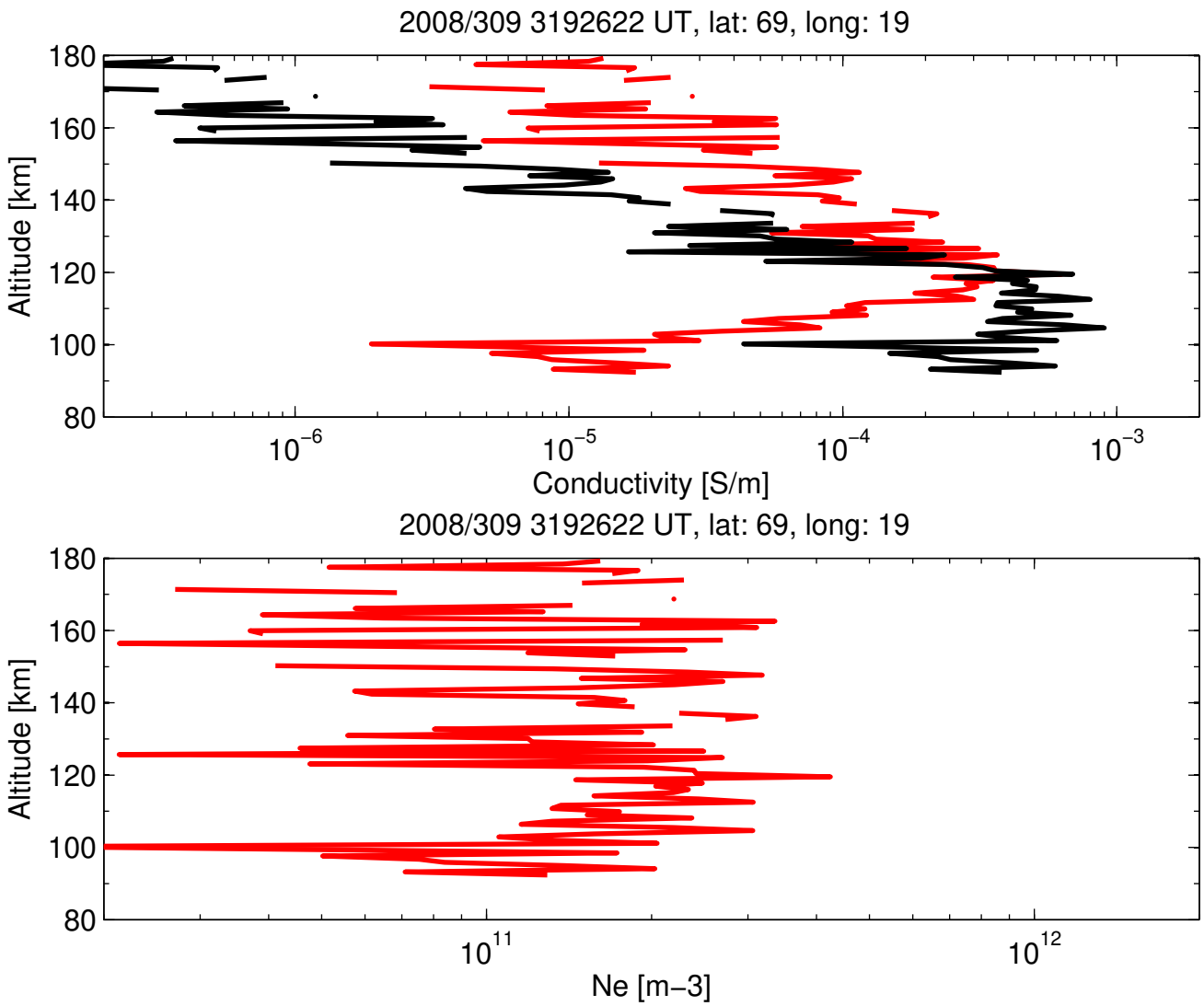
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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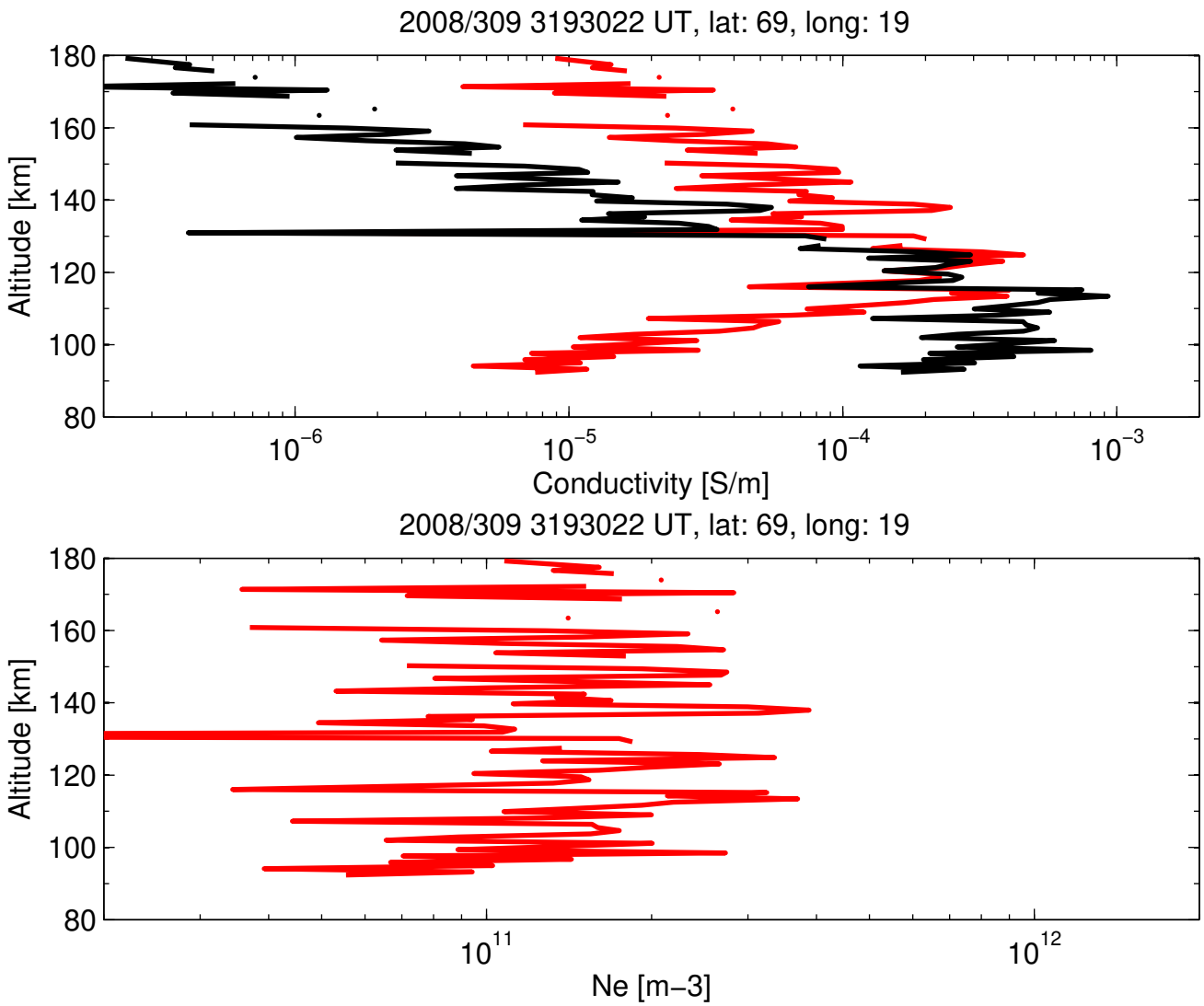
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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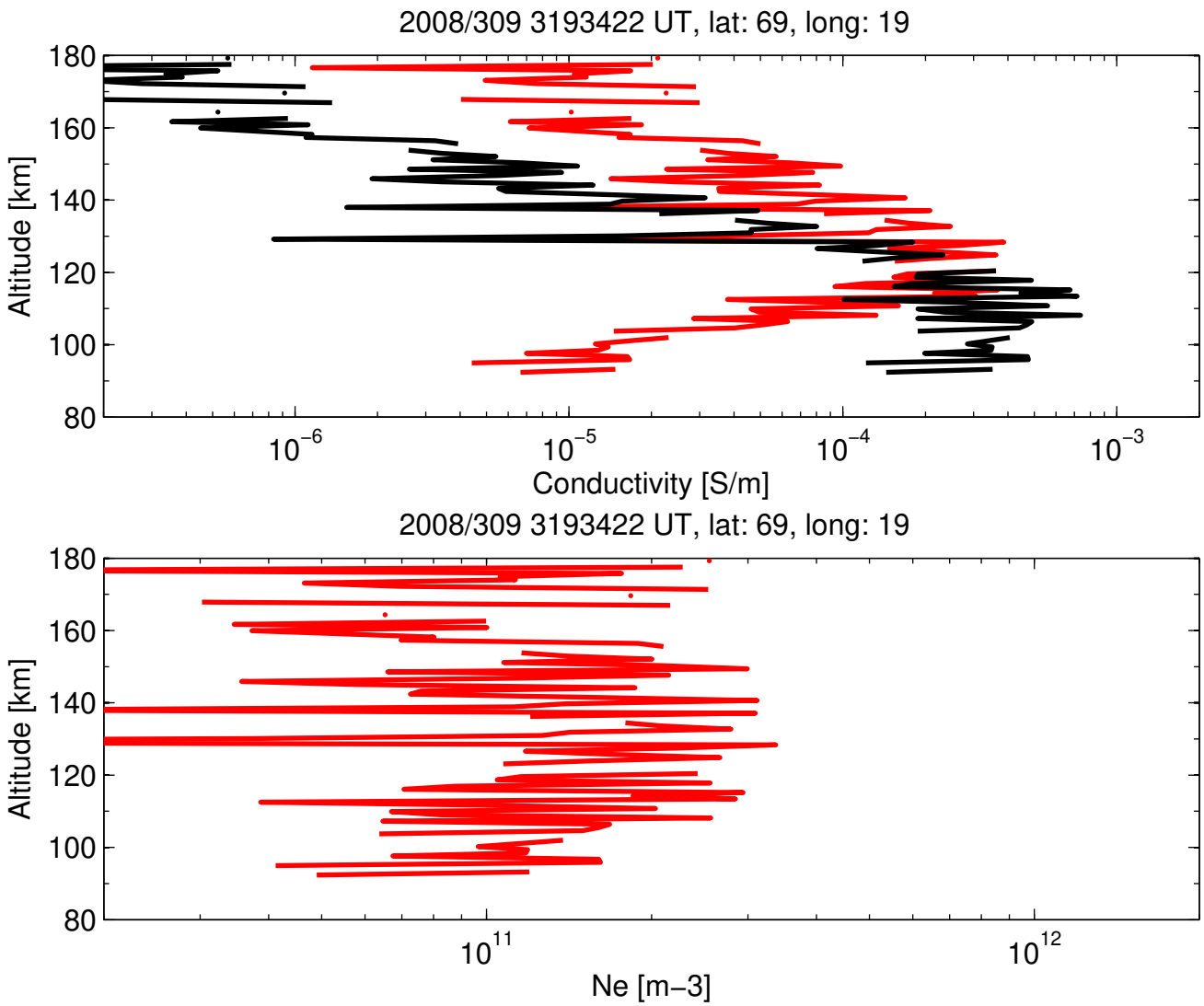
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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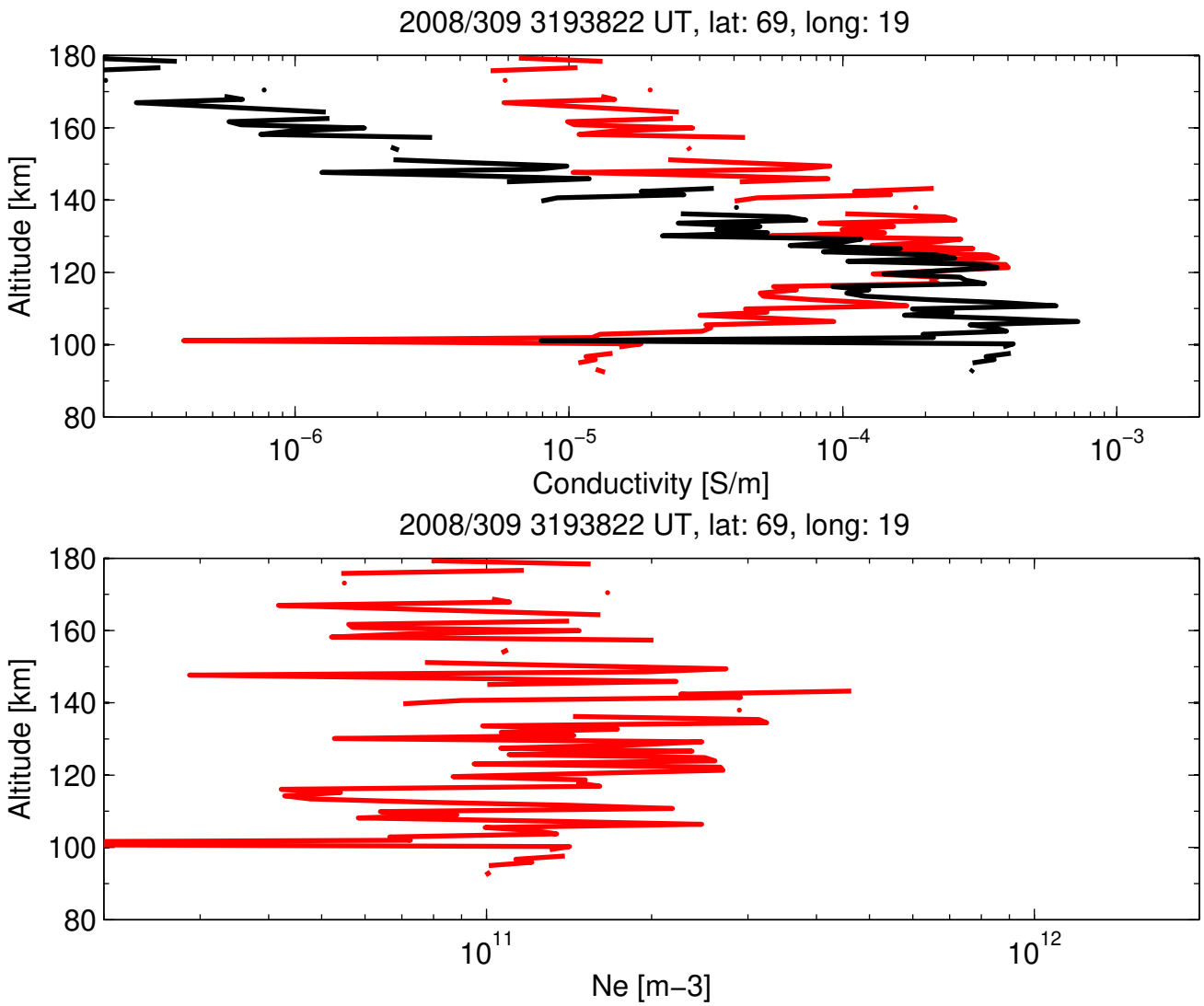
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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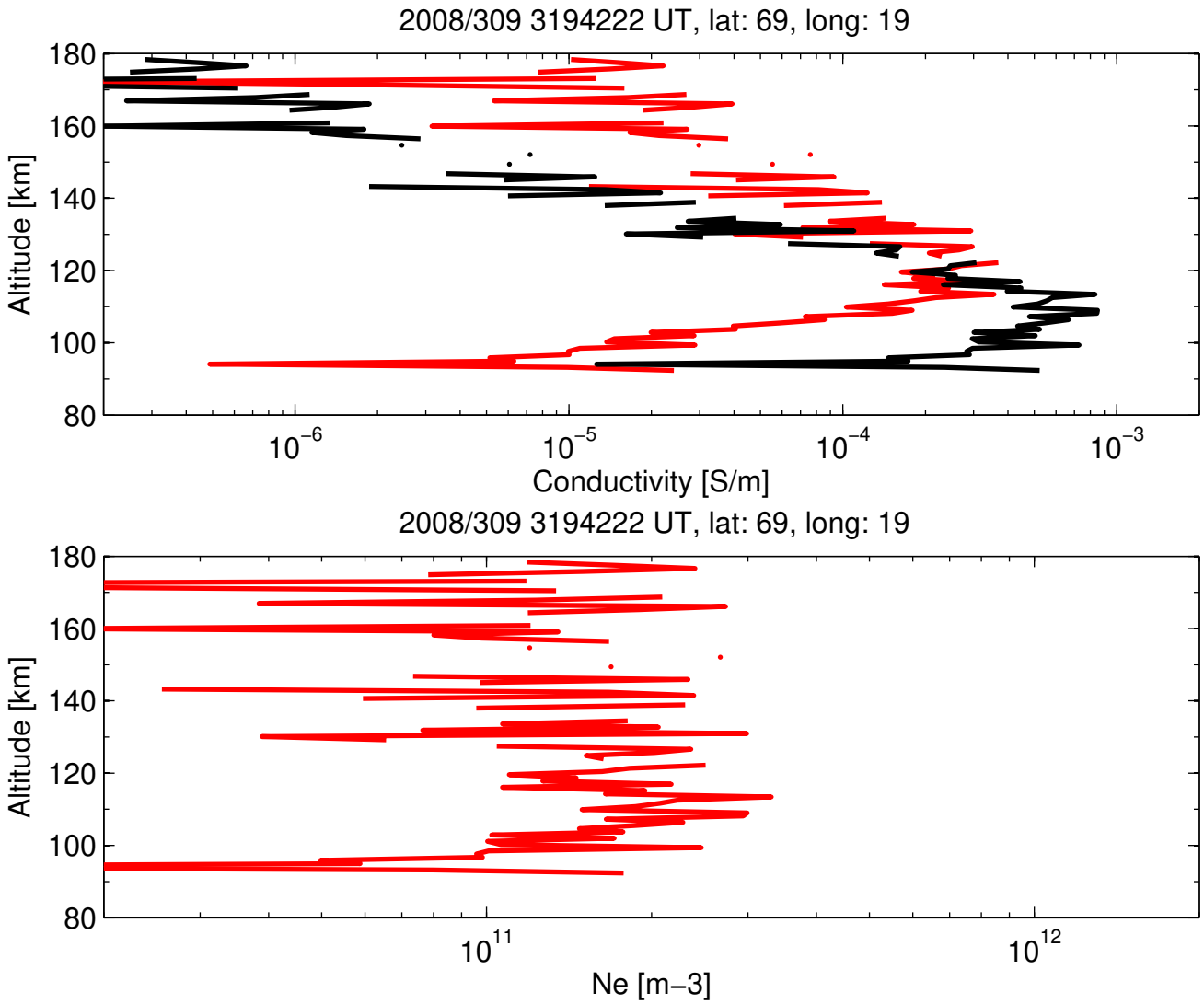
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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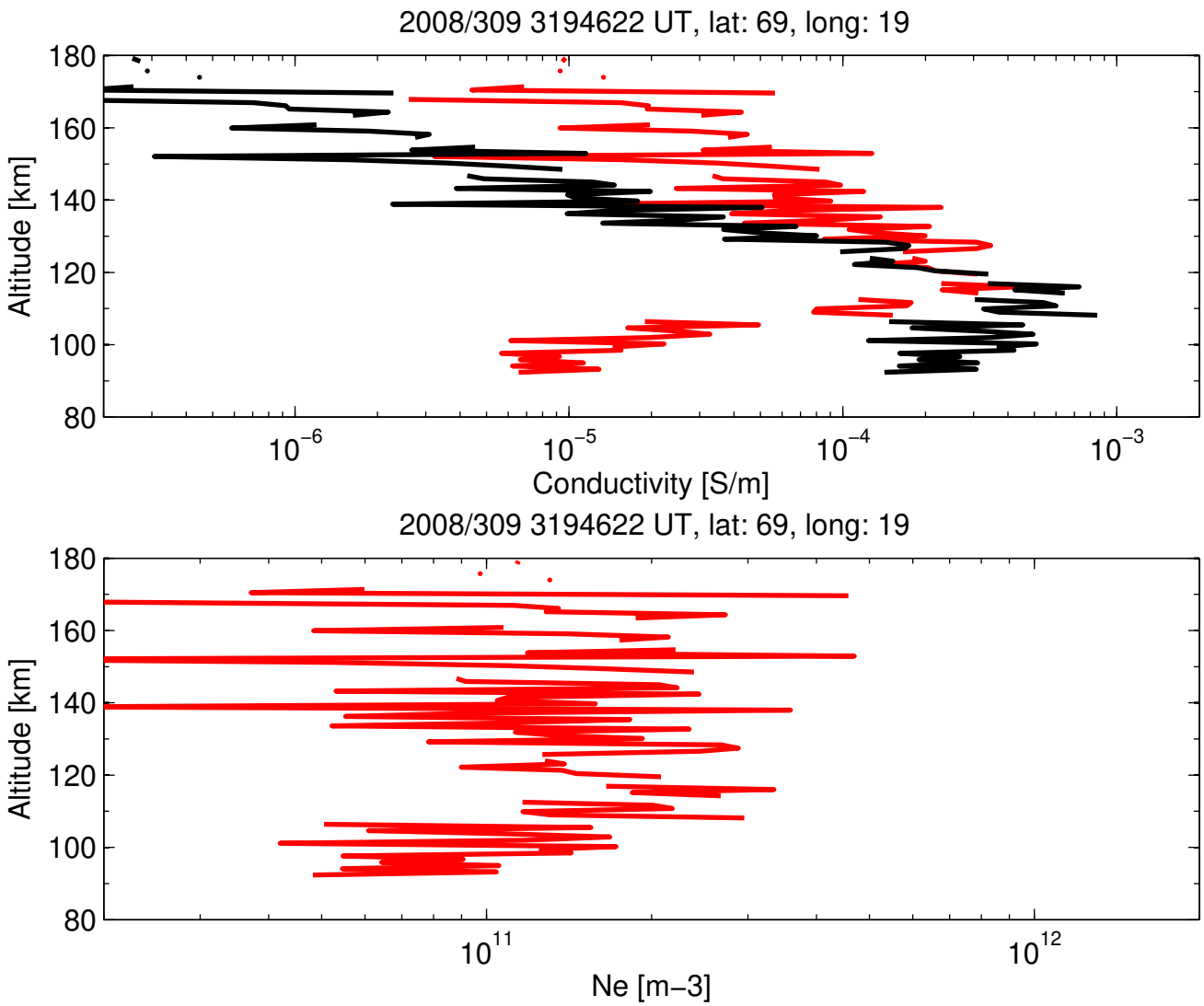
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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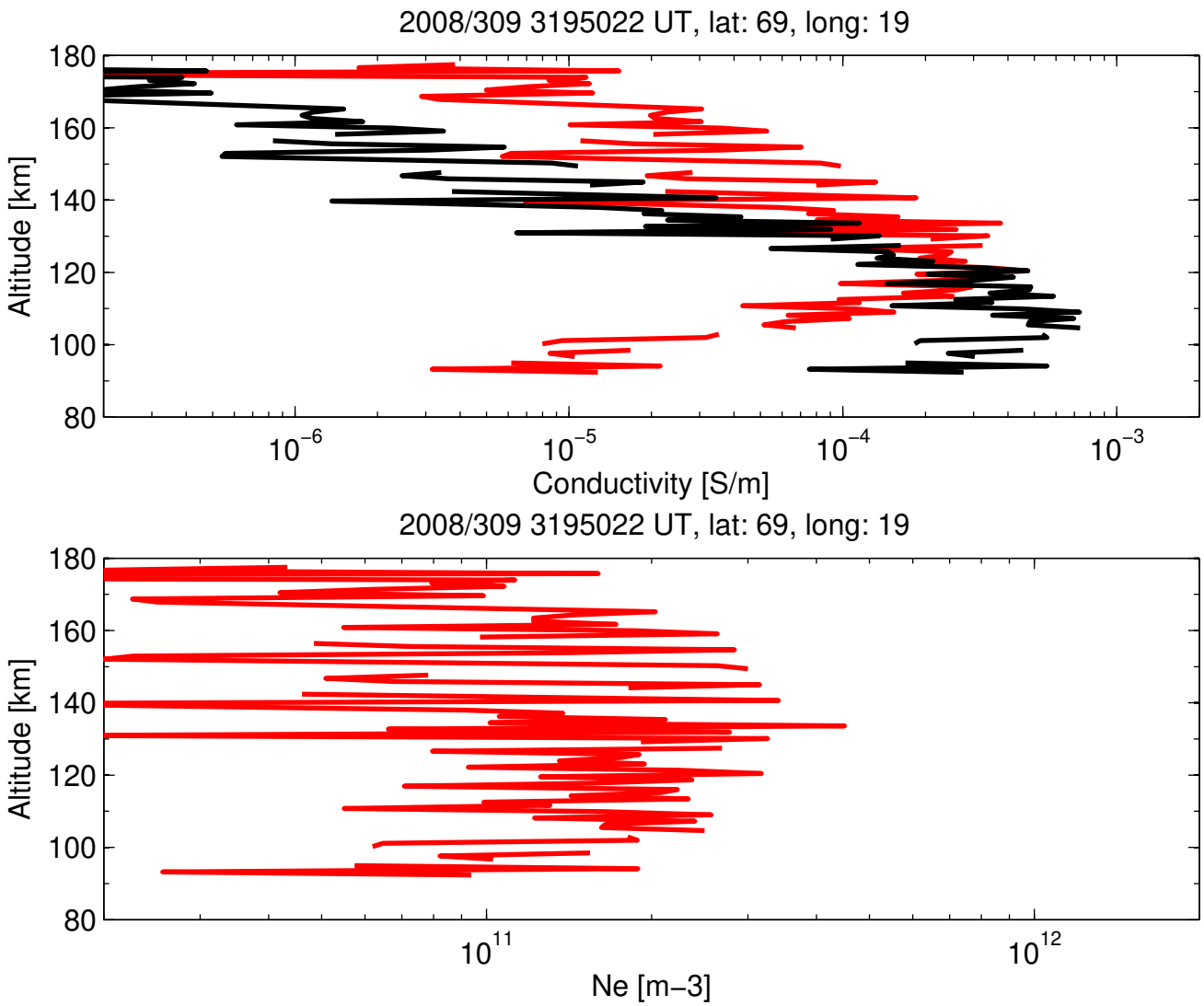
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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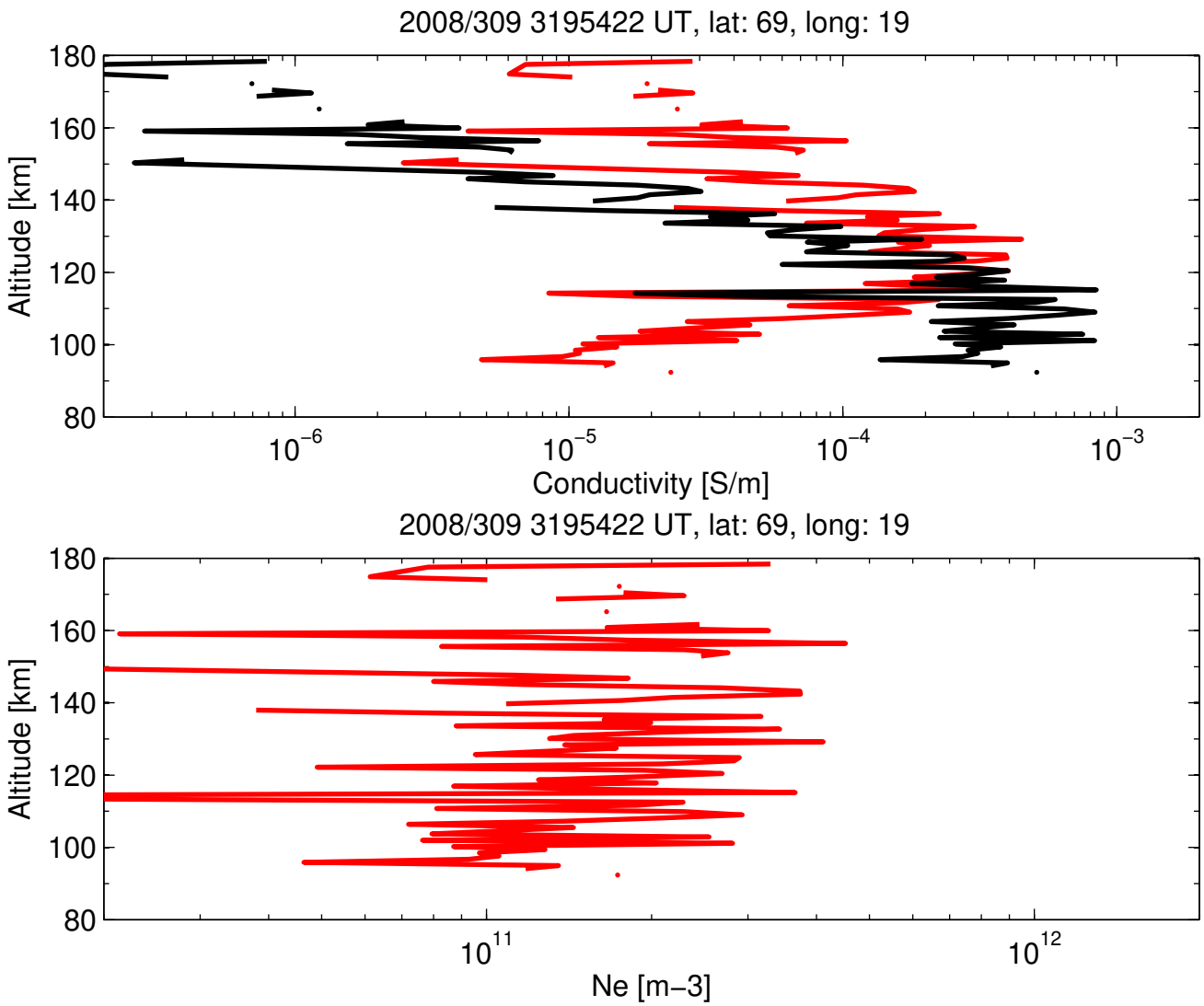
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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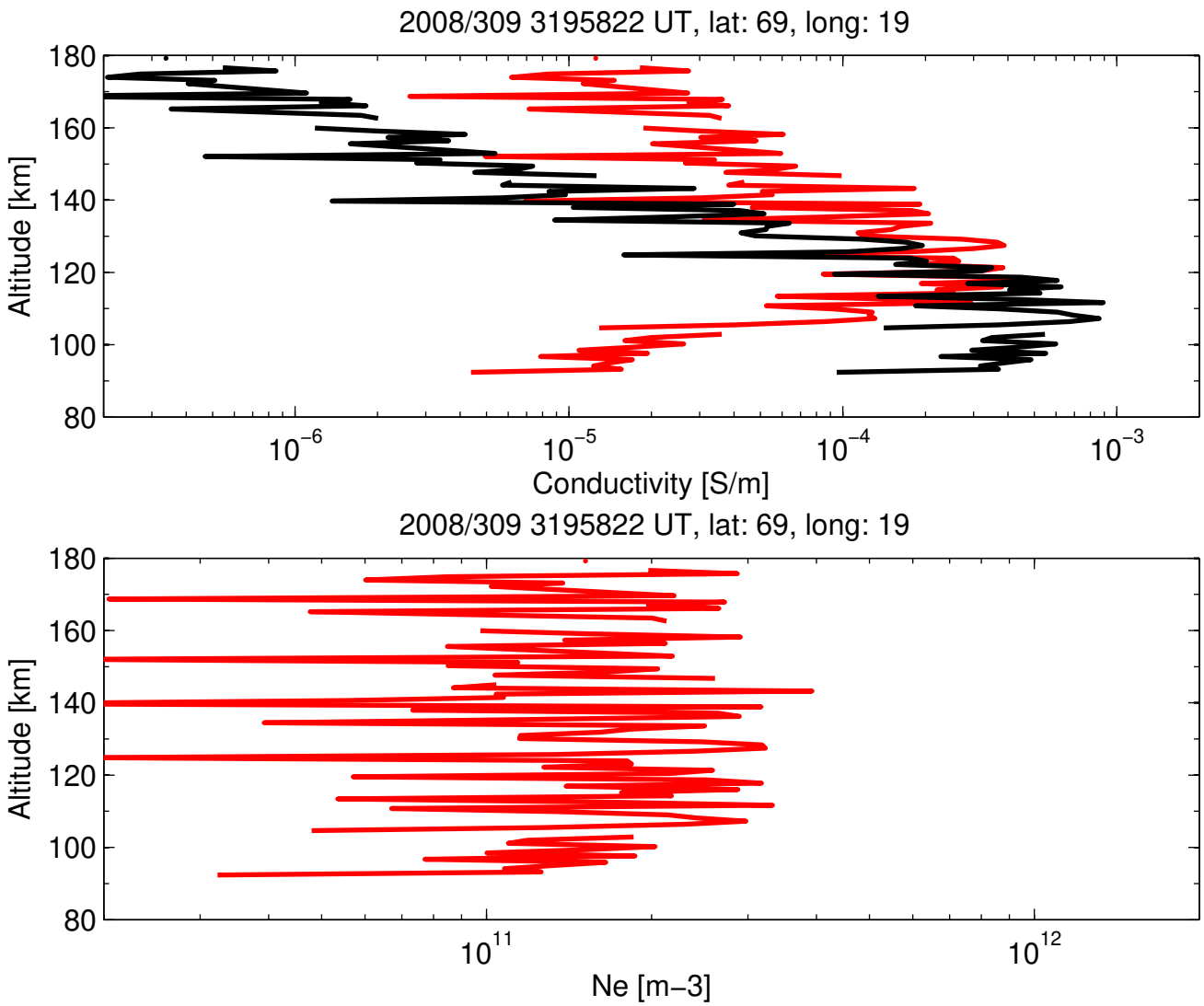
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
2008/309 3195822 UT, lat: 69, long: 19
Altitude [km]
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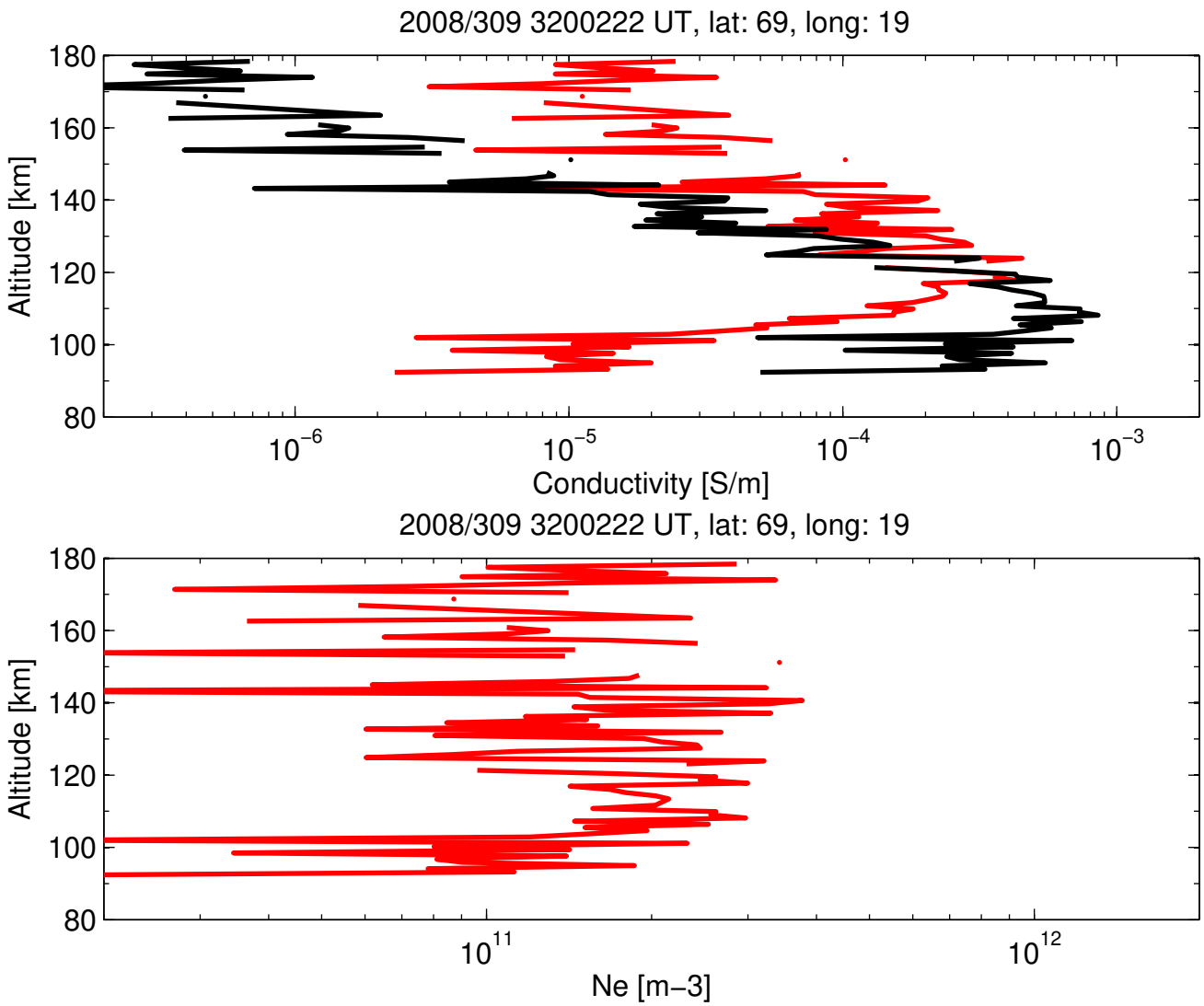
10^{11}
10^{12}
Ne [m−3]


2008/309 3200222 UT, lat: 69, long: 19
Altitude [km]
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160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3200222 UT, lat: 69, long: 19
Altitude [km]
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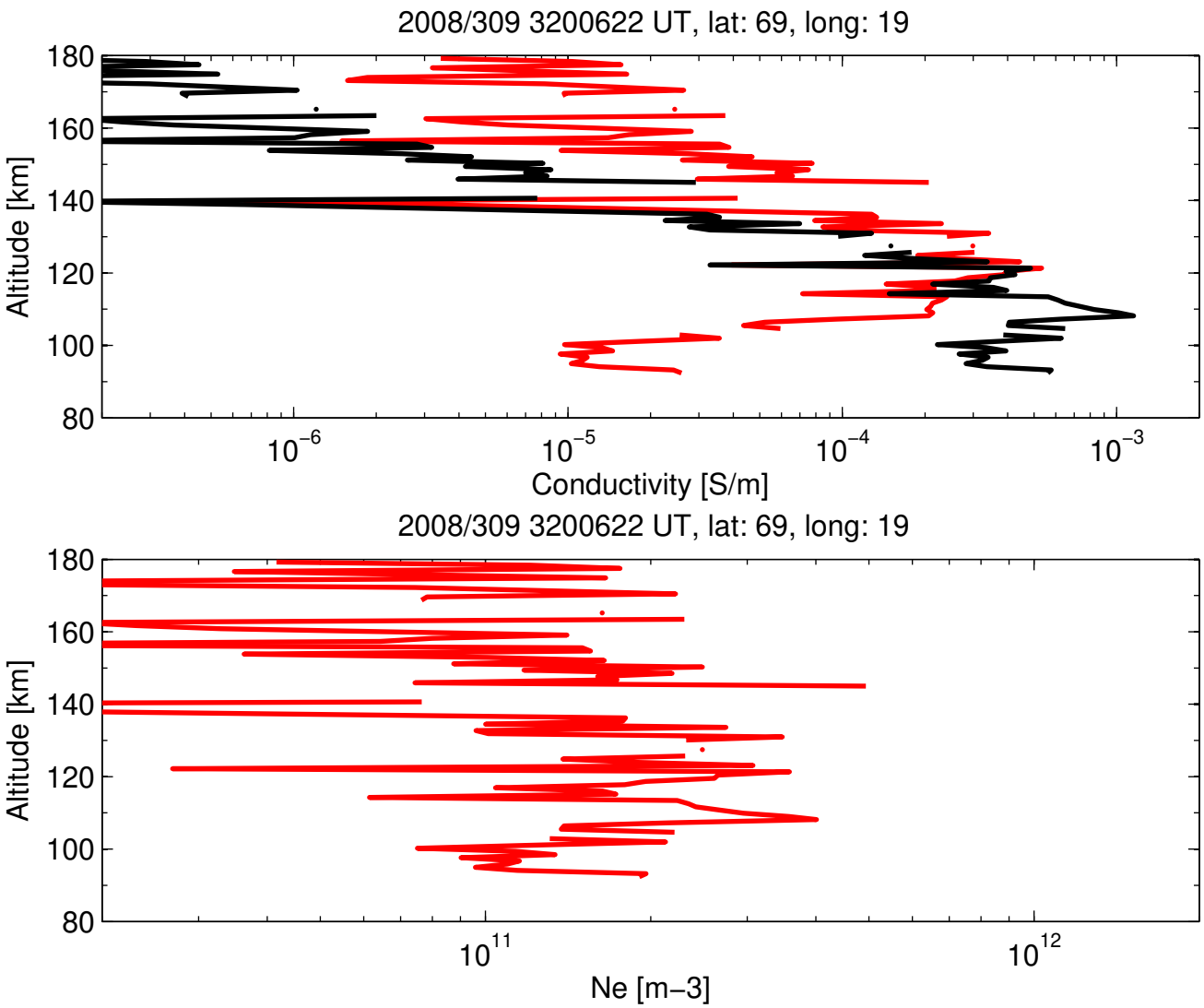
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3200622 UT, lat: 69, long: 19
Altitude [km]
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160
140
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80
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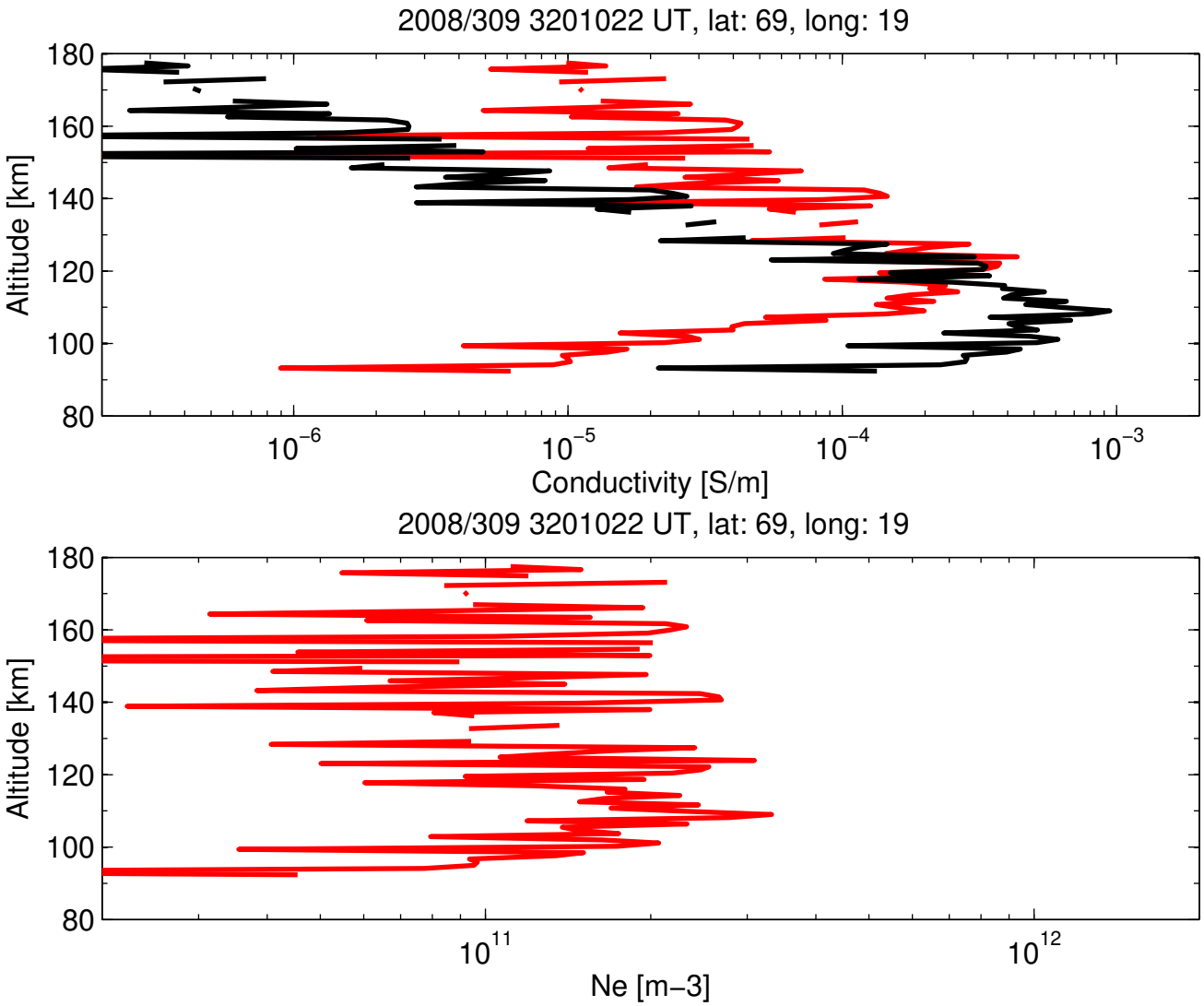
10^{12}
Ne [m−3]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Altitude [km]
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100
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3201022 UT, lat: 69, long: 19
Altitude [km]
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140
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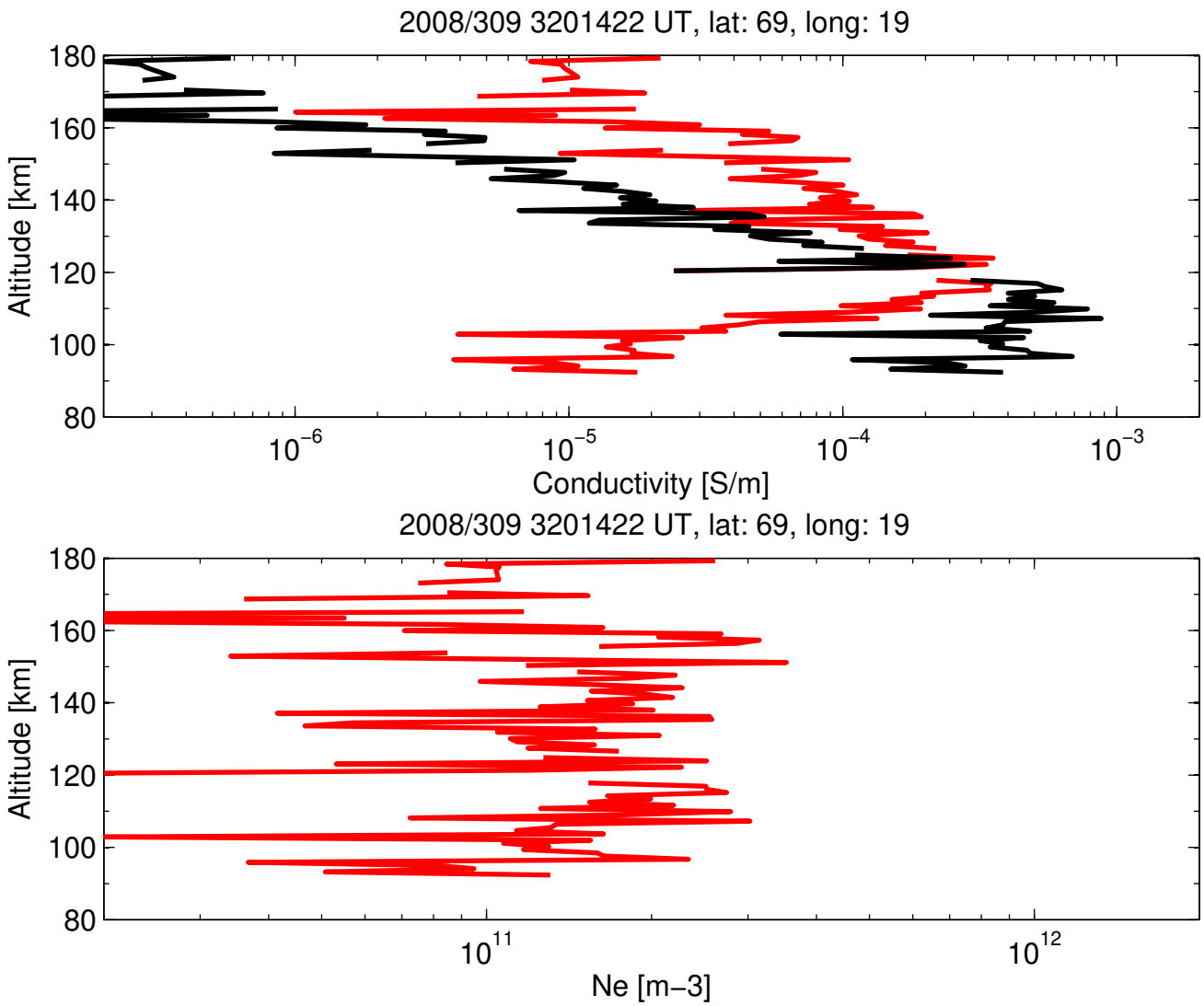
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3201422 UT, lat: 69, long: 19
Altitude [km]
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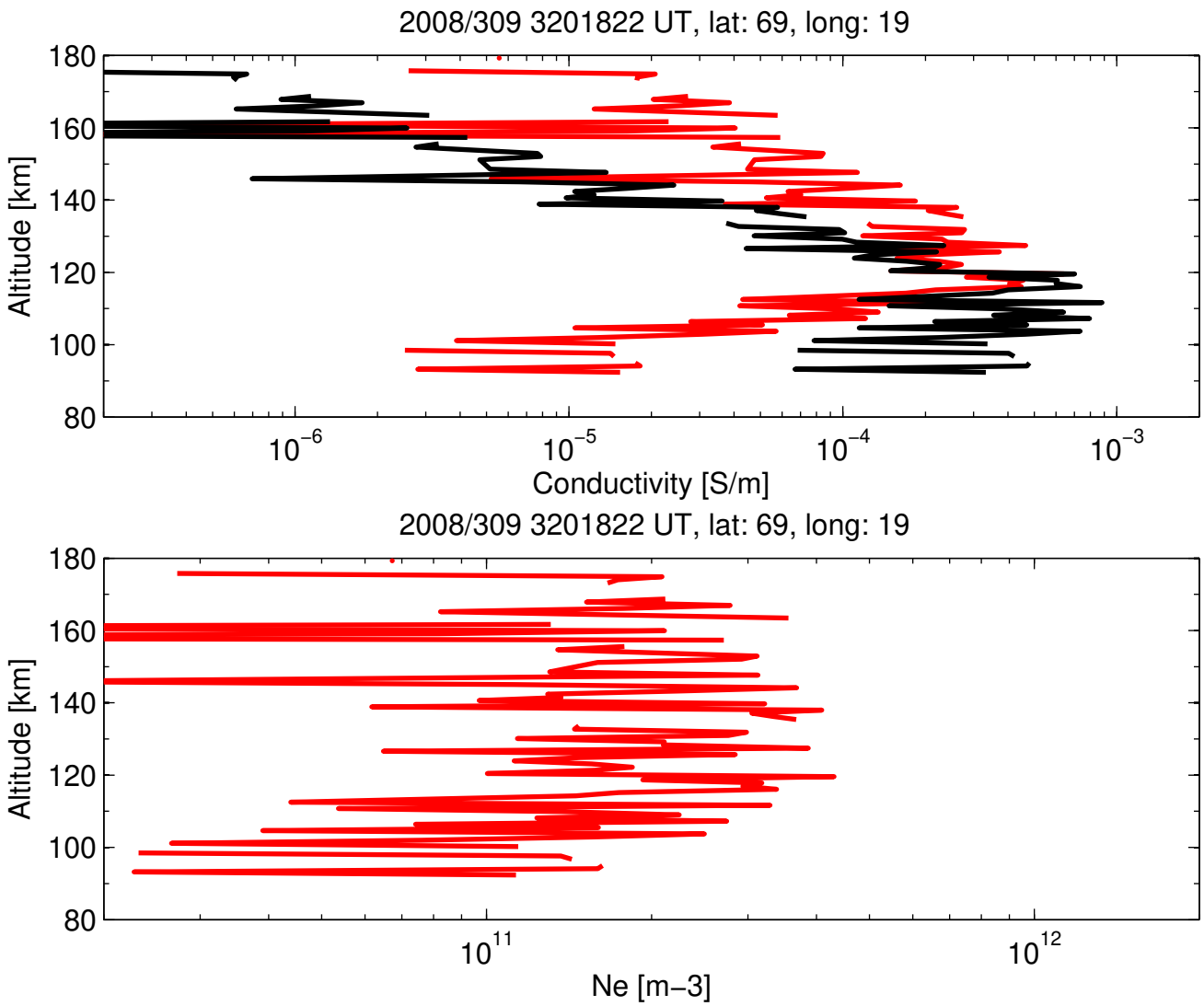
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3201822 UT, lat: 69, long: 19
Altitude [km]
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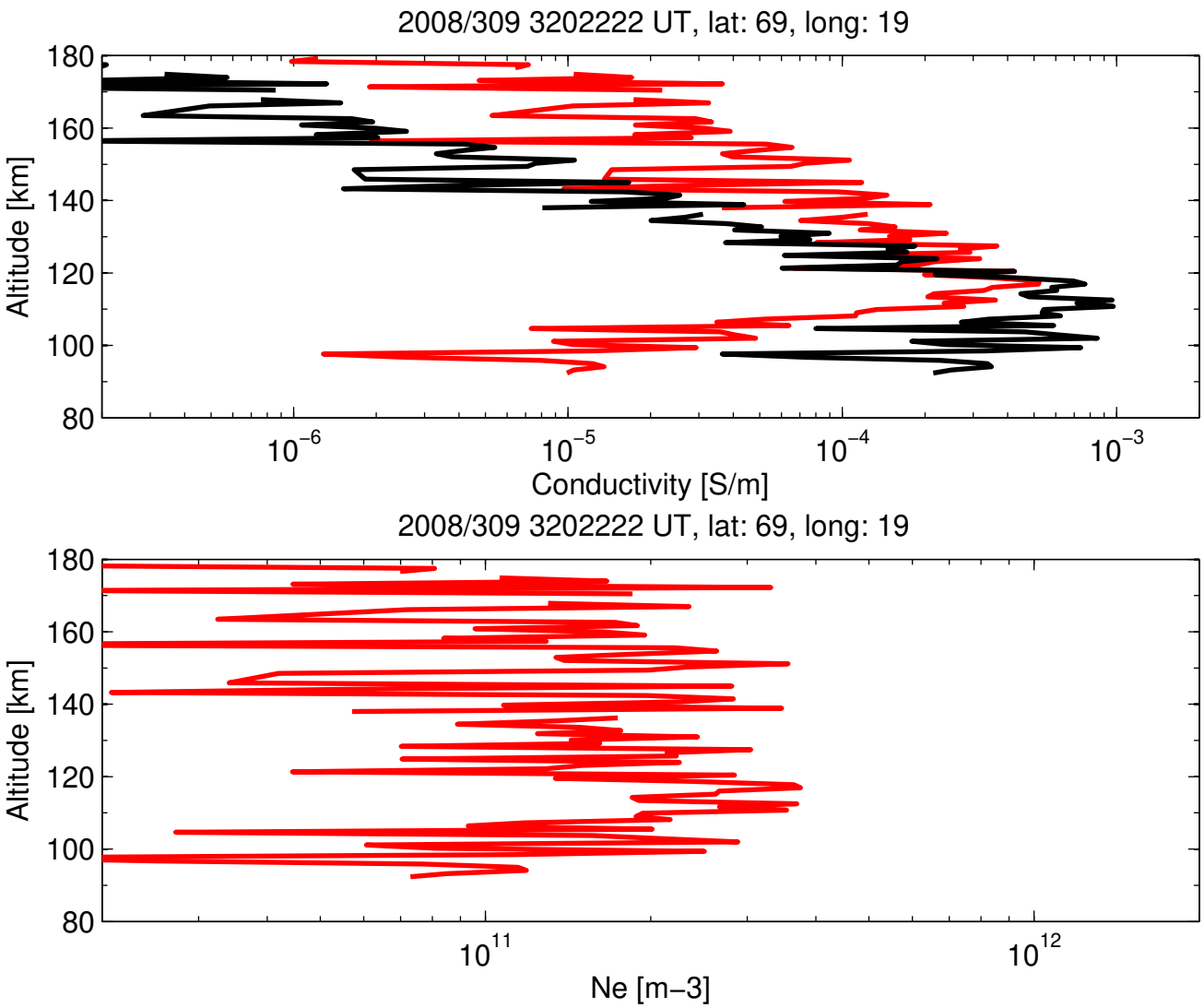
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3202222 UT, lat: 69, long: 19
Altitude [km]
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100
80
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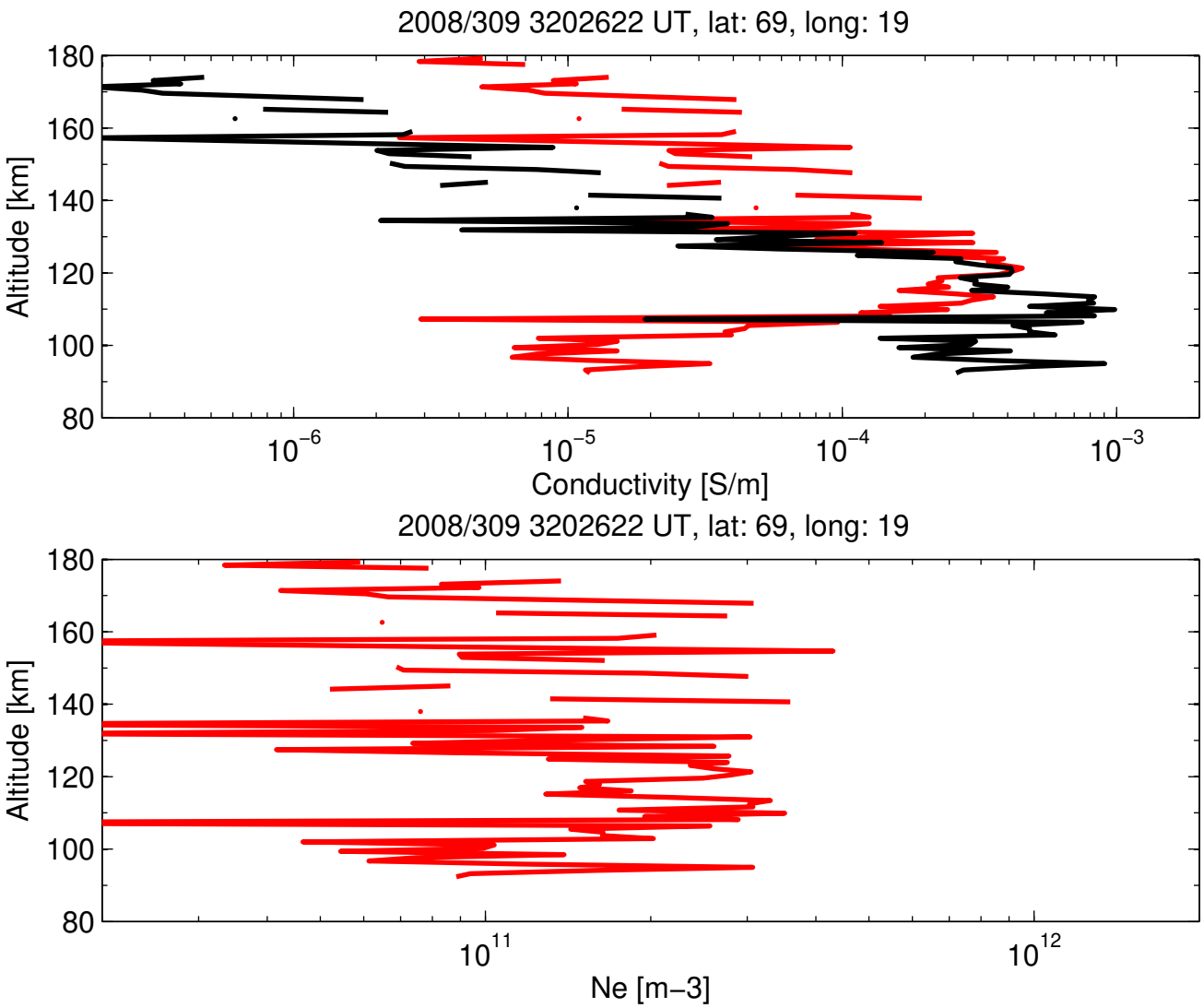
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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140
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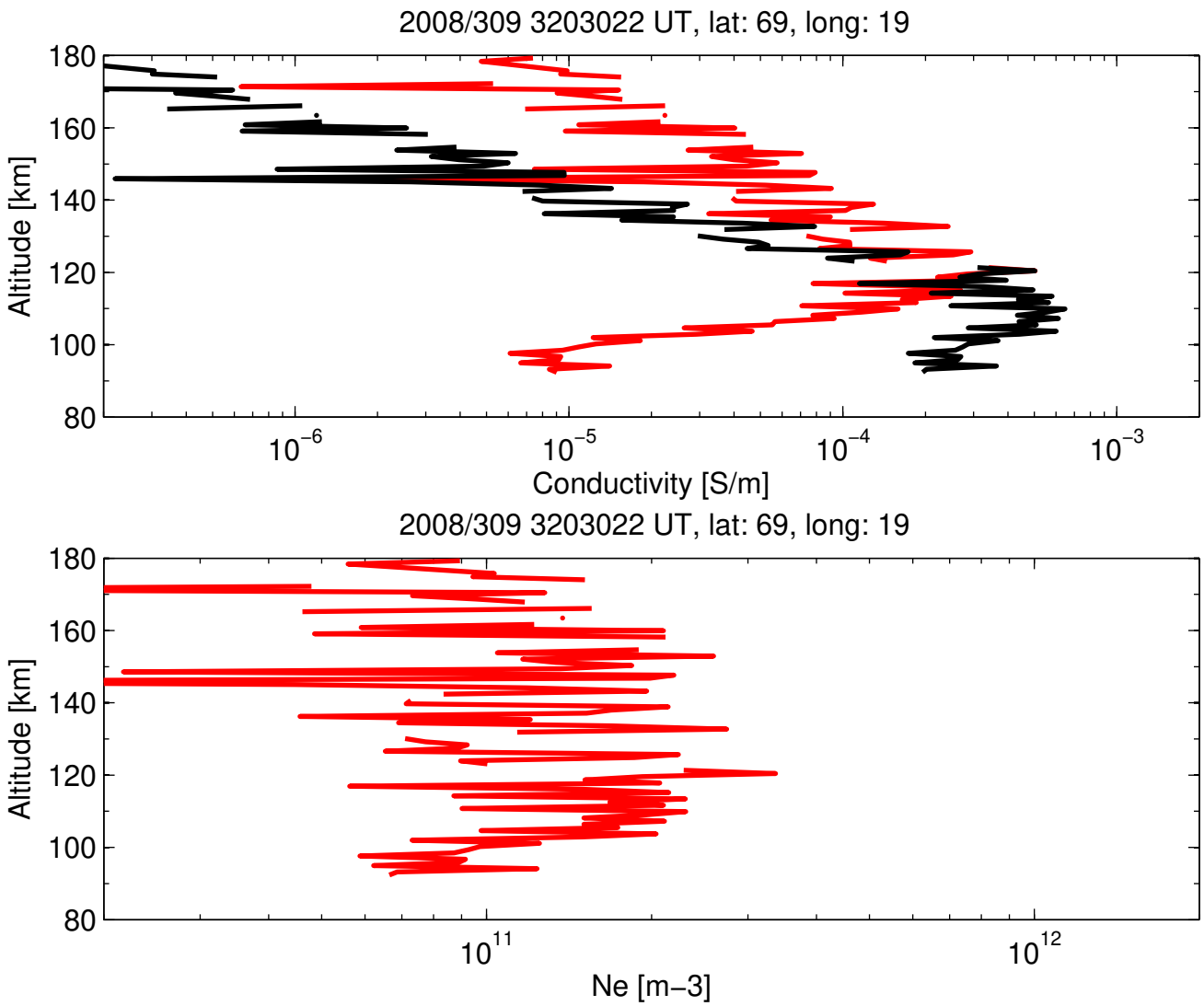
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3203022 UT, lat: 69, long: 19
Altitude [km]
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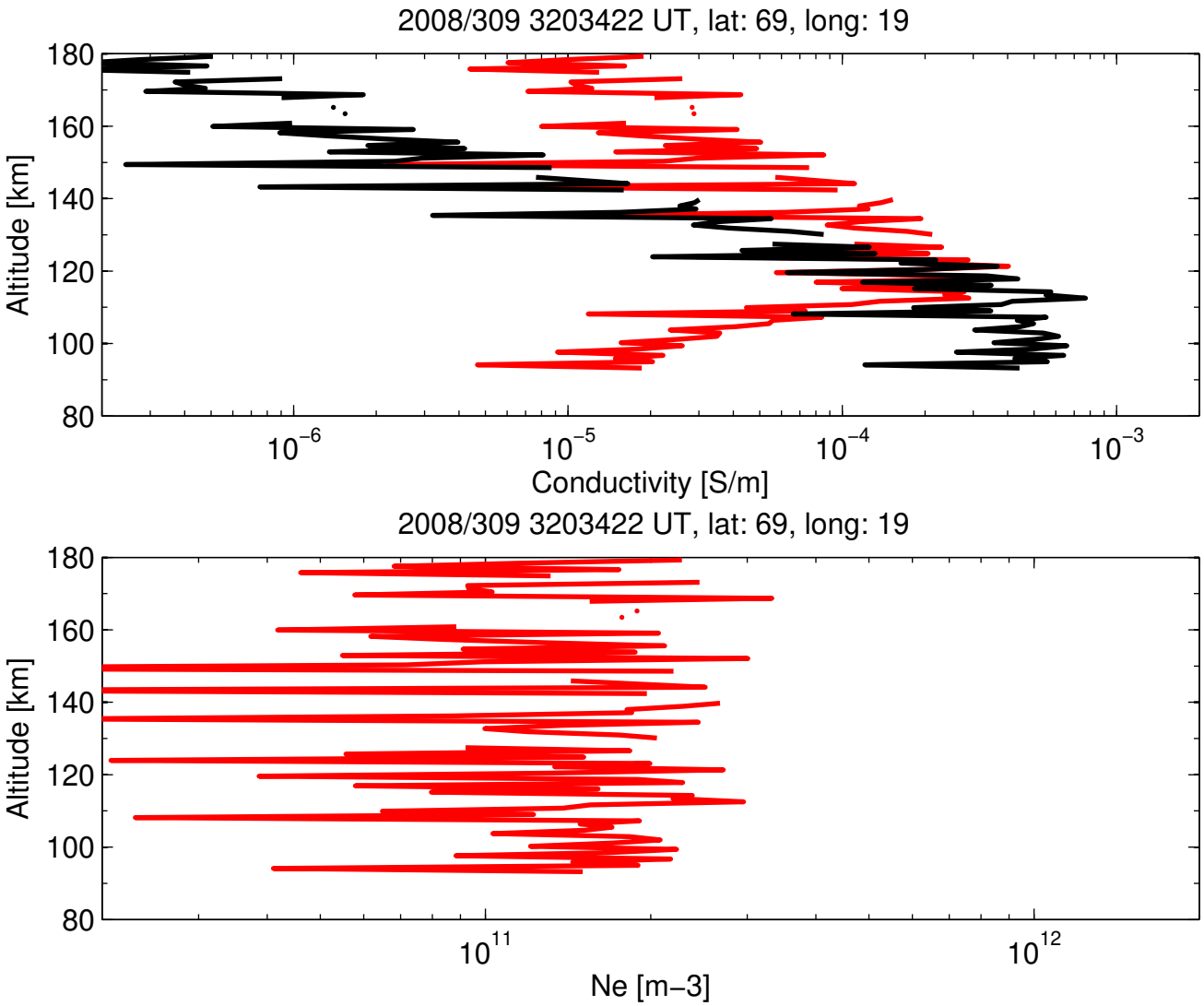
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3203422 UT, lat: 69, long: 19
Altitude [km]
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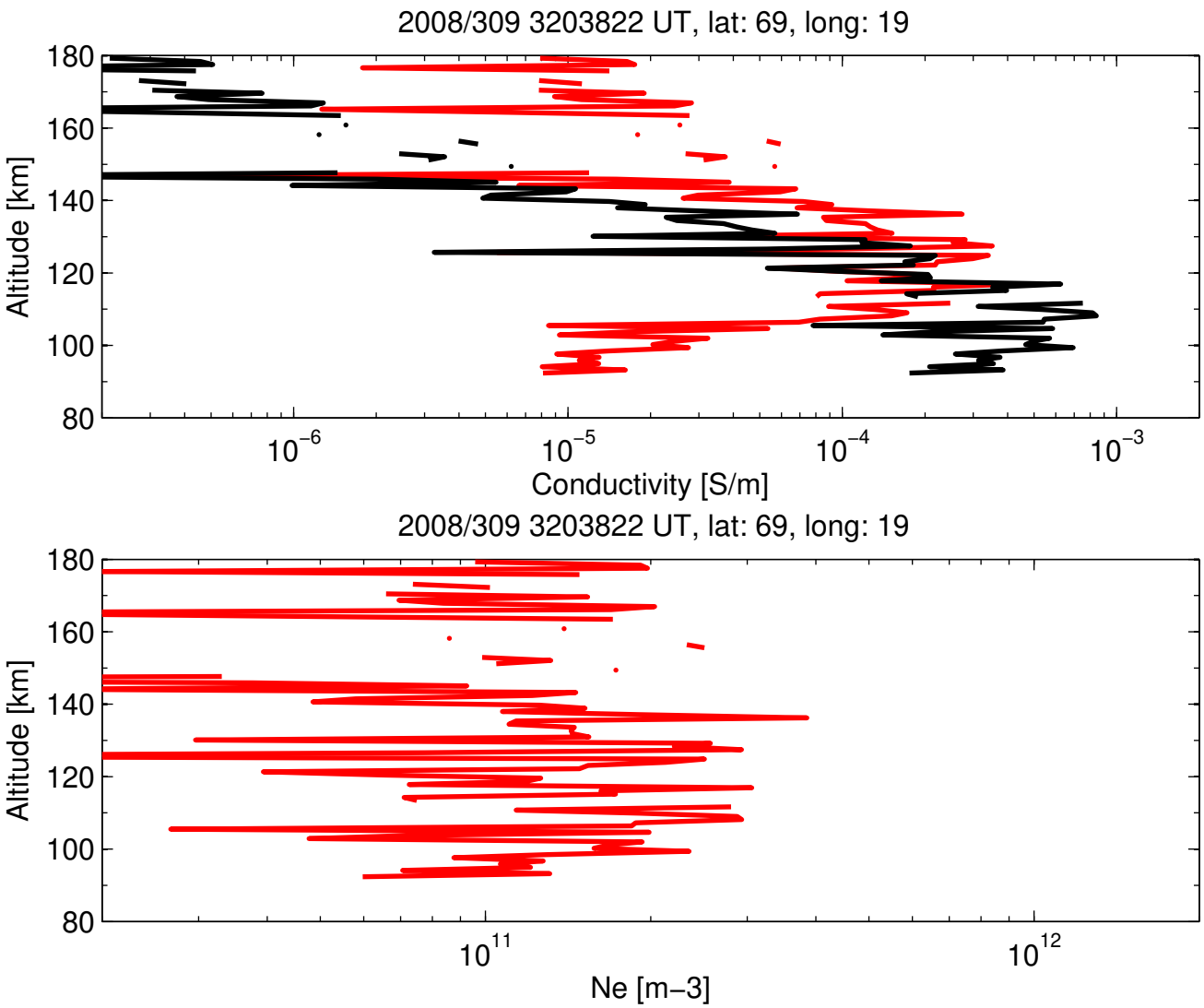
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3203822 UT, lat: 69, long: 19
Altitude [km]
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160
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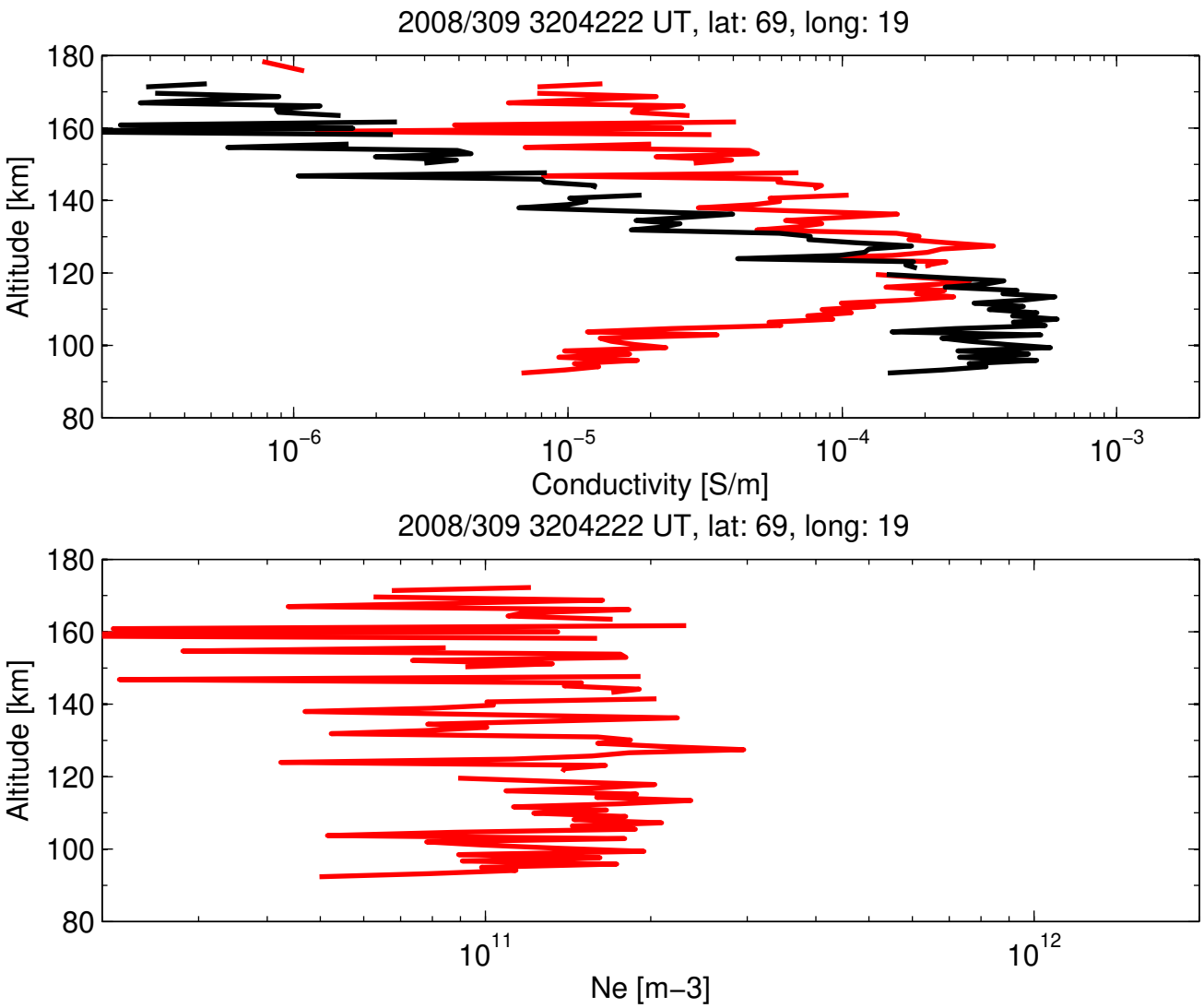
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3204222 UT, lat: 69, long: 19
Altitude [km]
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160
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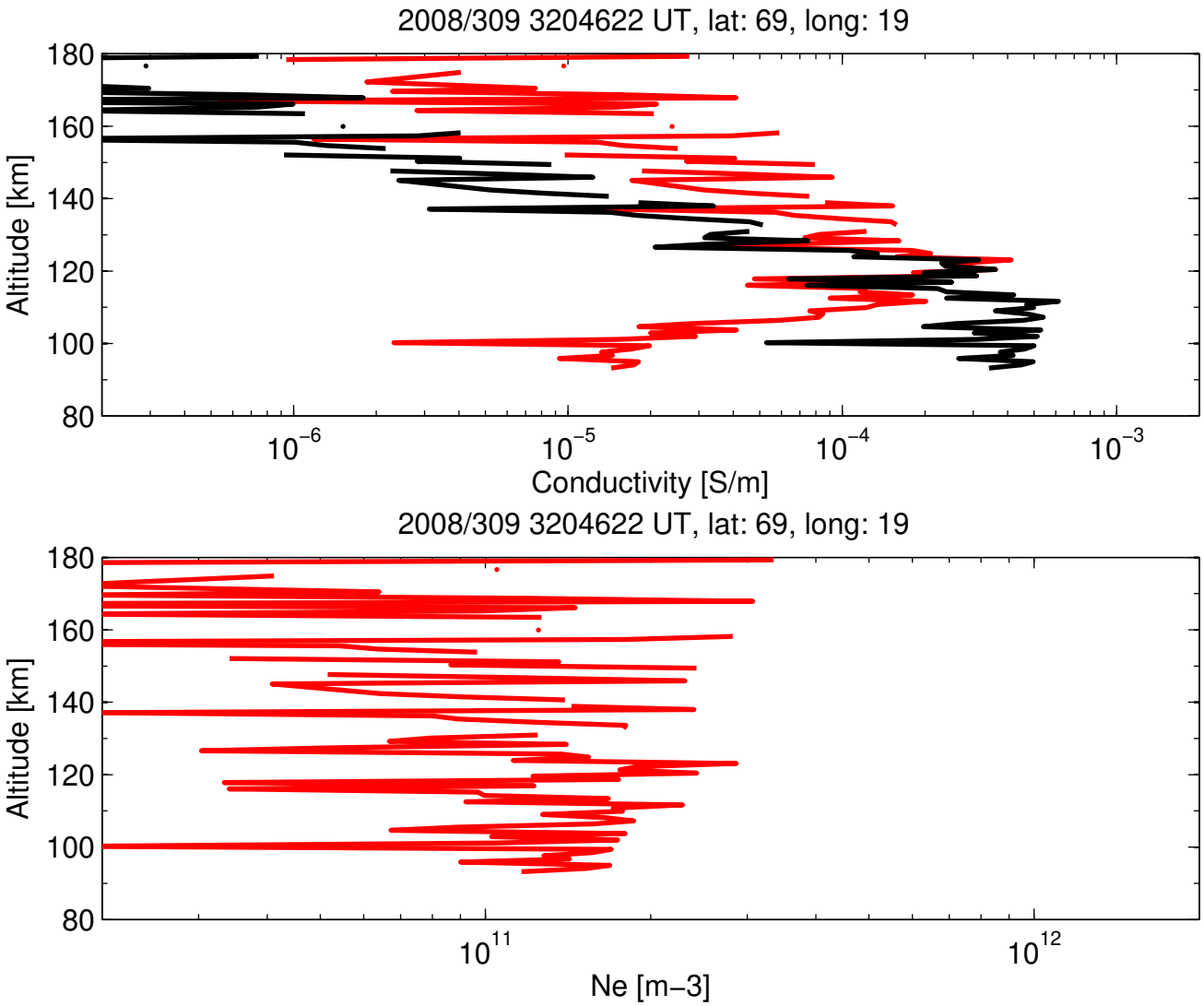
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3204622 UT, lat: 69, long: 19
Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3204622 UT, lat: 69, long: 19
Altitude [km]
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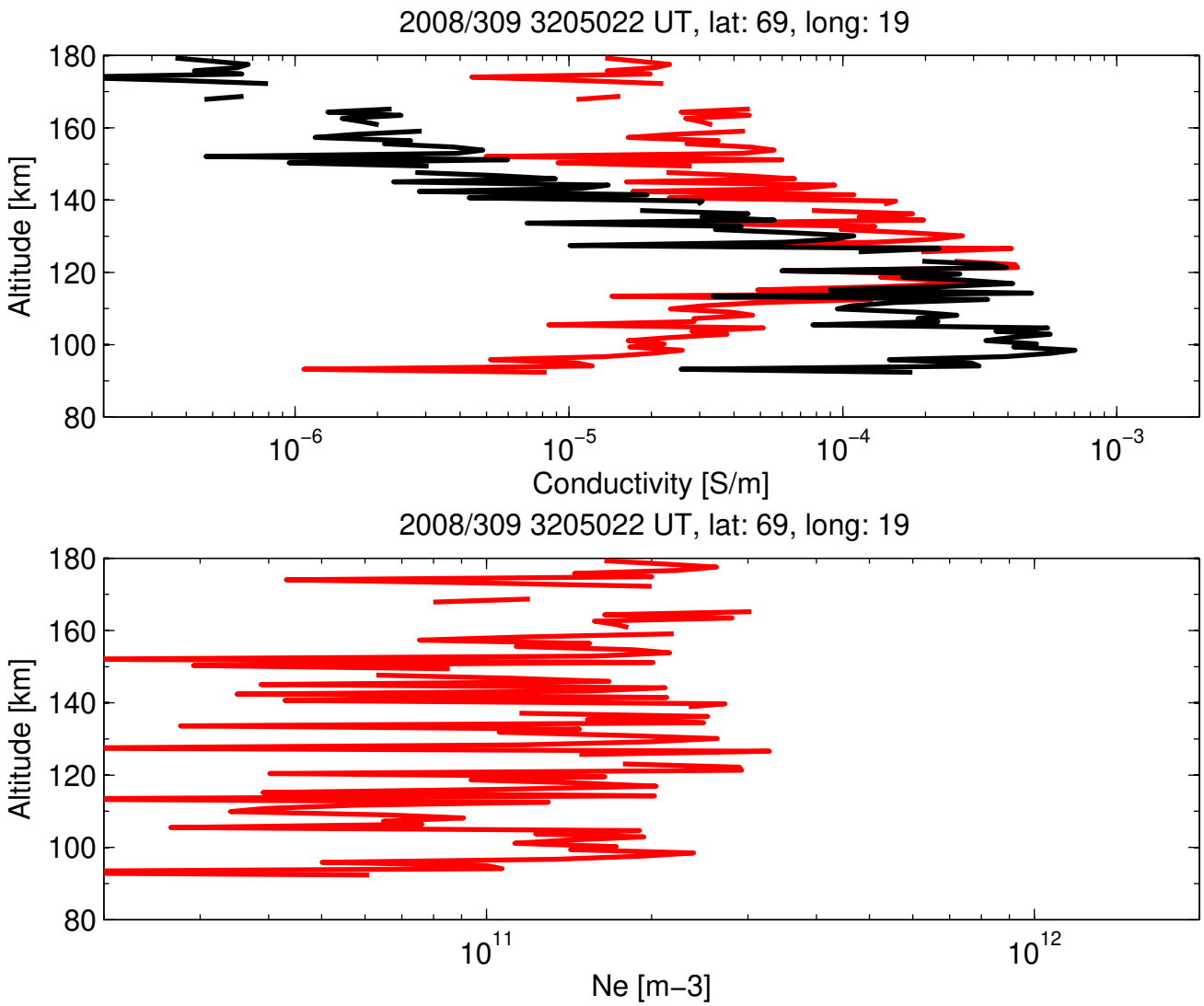
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3205022 UT, lat: 69, long: 19
Altitude [km]
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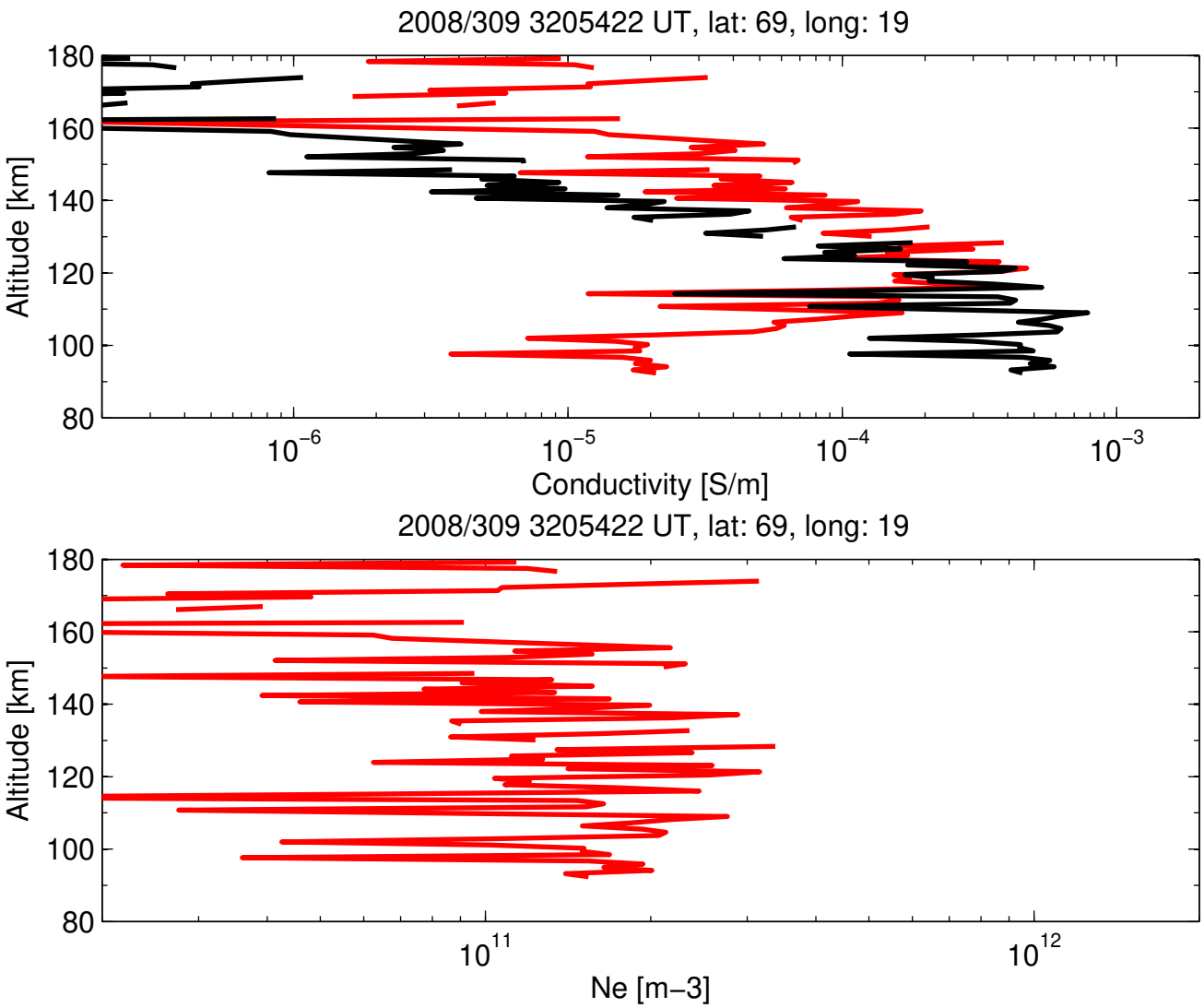
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3205422 UT, lat: 69, long: 19
Altitude [km]
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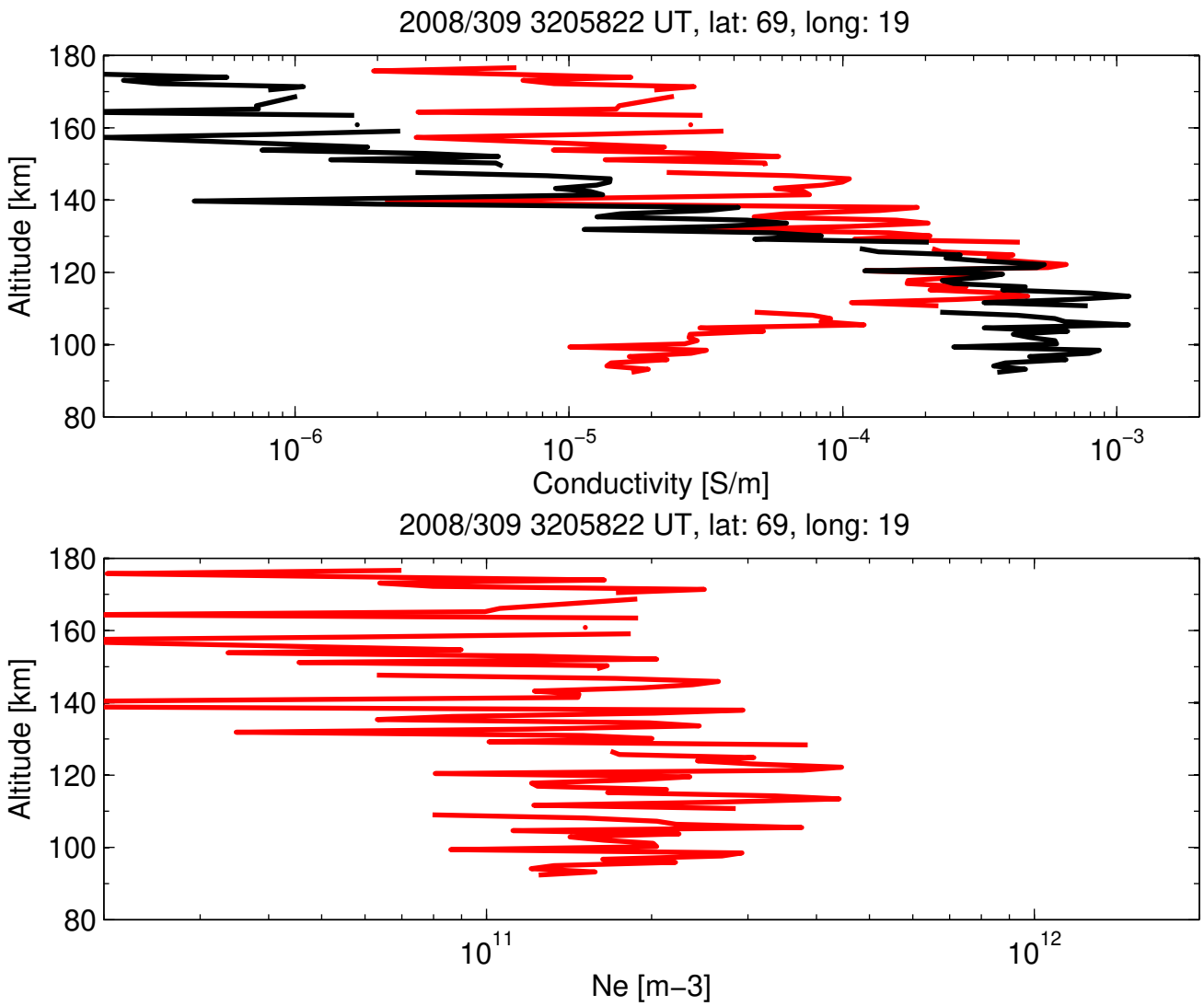
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3205822 UT, lat: 69, long: 19
Altitude [km]
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140
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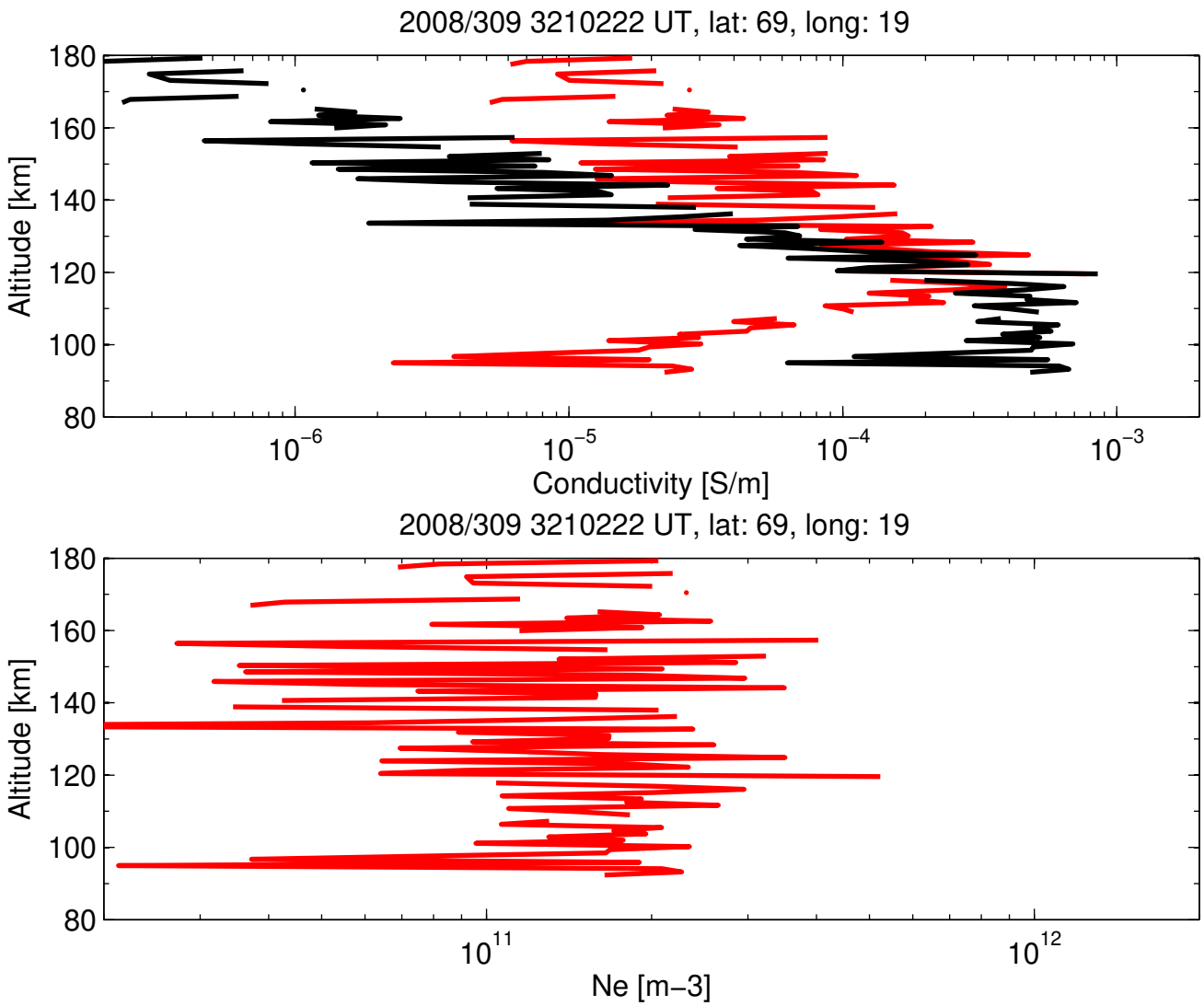
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3210222 UT, lat: 69, long: 19
Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3210222 UT, lat: 69, long: 19
Altitude [km]
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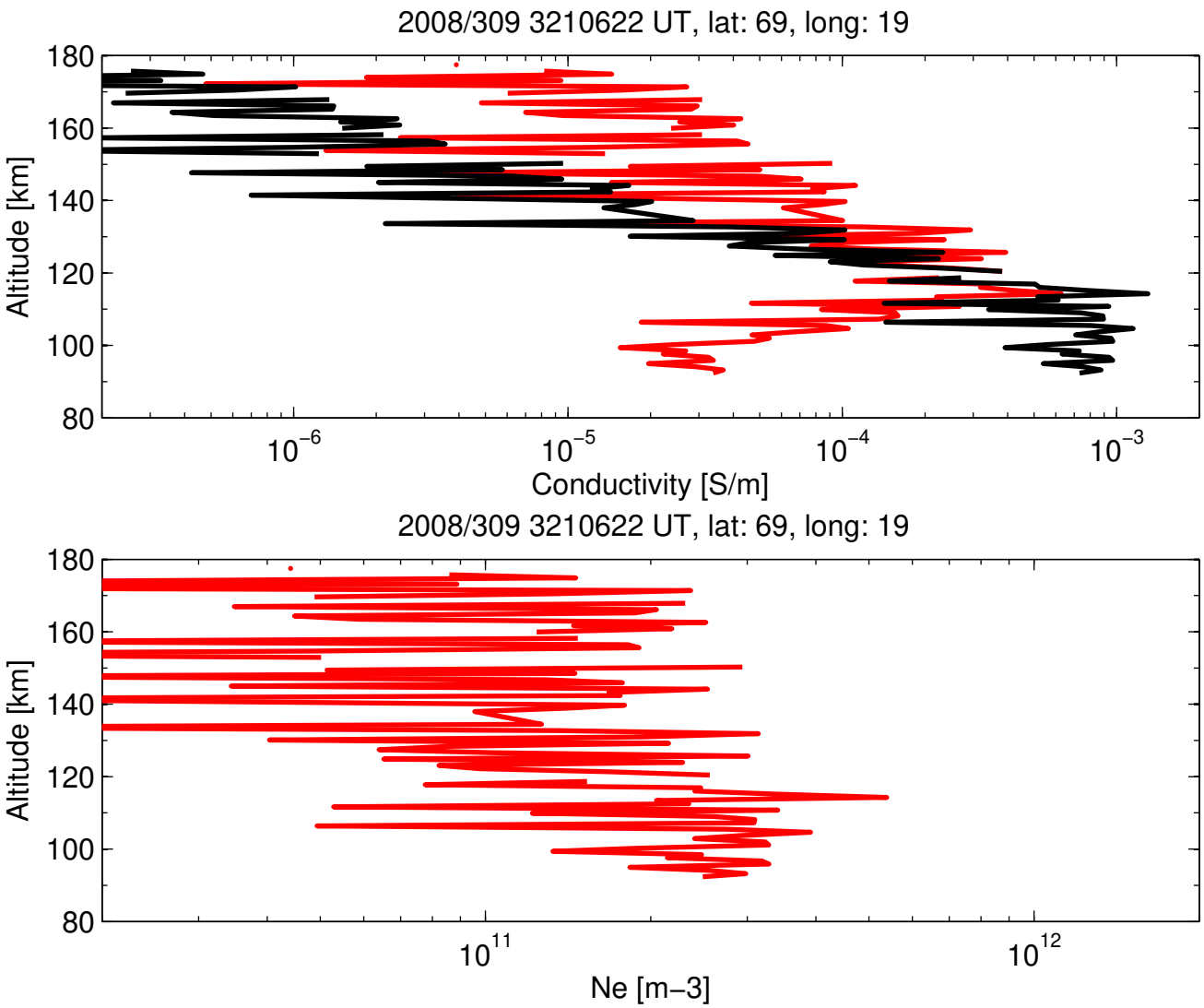
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3210622 UT, lat: 69, long: 19
Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3210622 UT, lat: 69, long: 19
Altitude [km]
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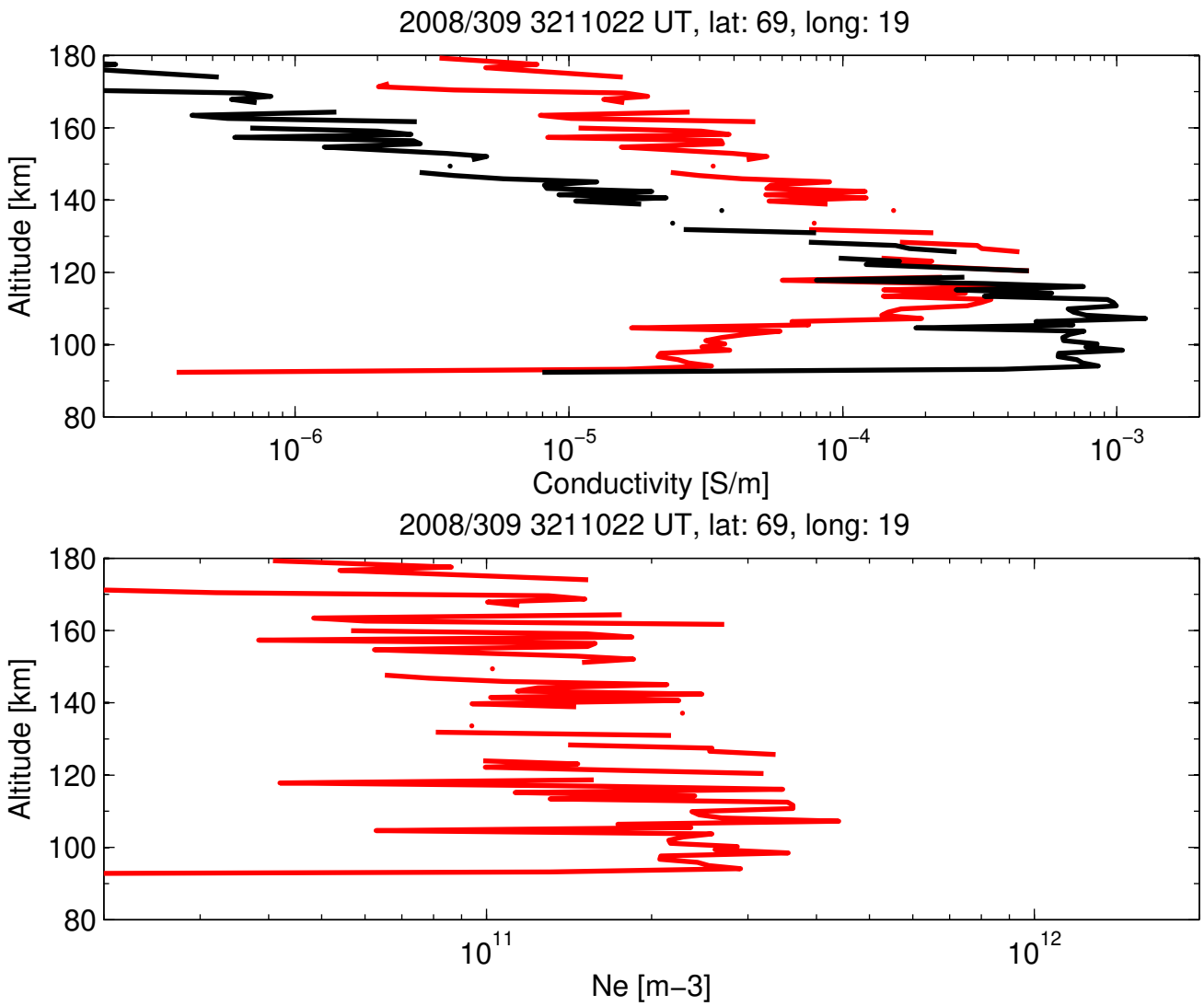
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3211022 UT, lat: 69, long: 19
Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3211022 UT, lat: 69, long: 19
Altitude [km]
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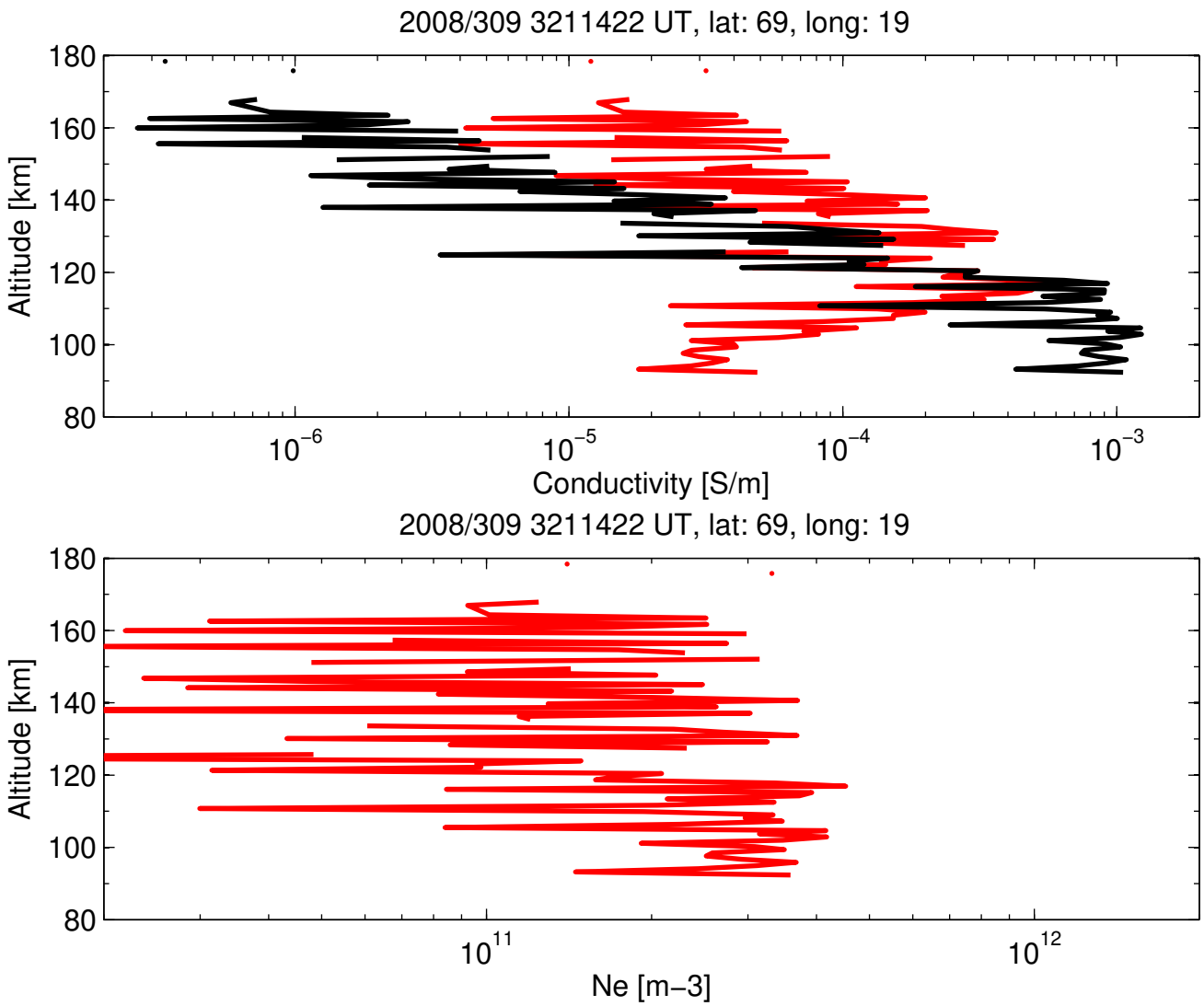
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3211422 UT, lat: 69, long: 19
Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3211422 UT, lat: 69, long: 19
Altitude [km]
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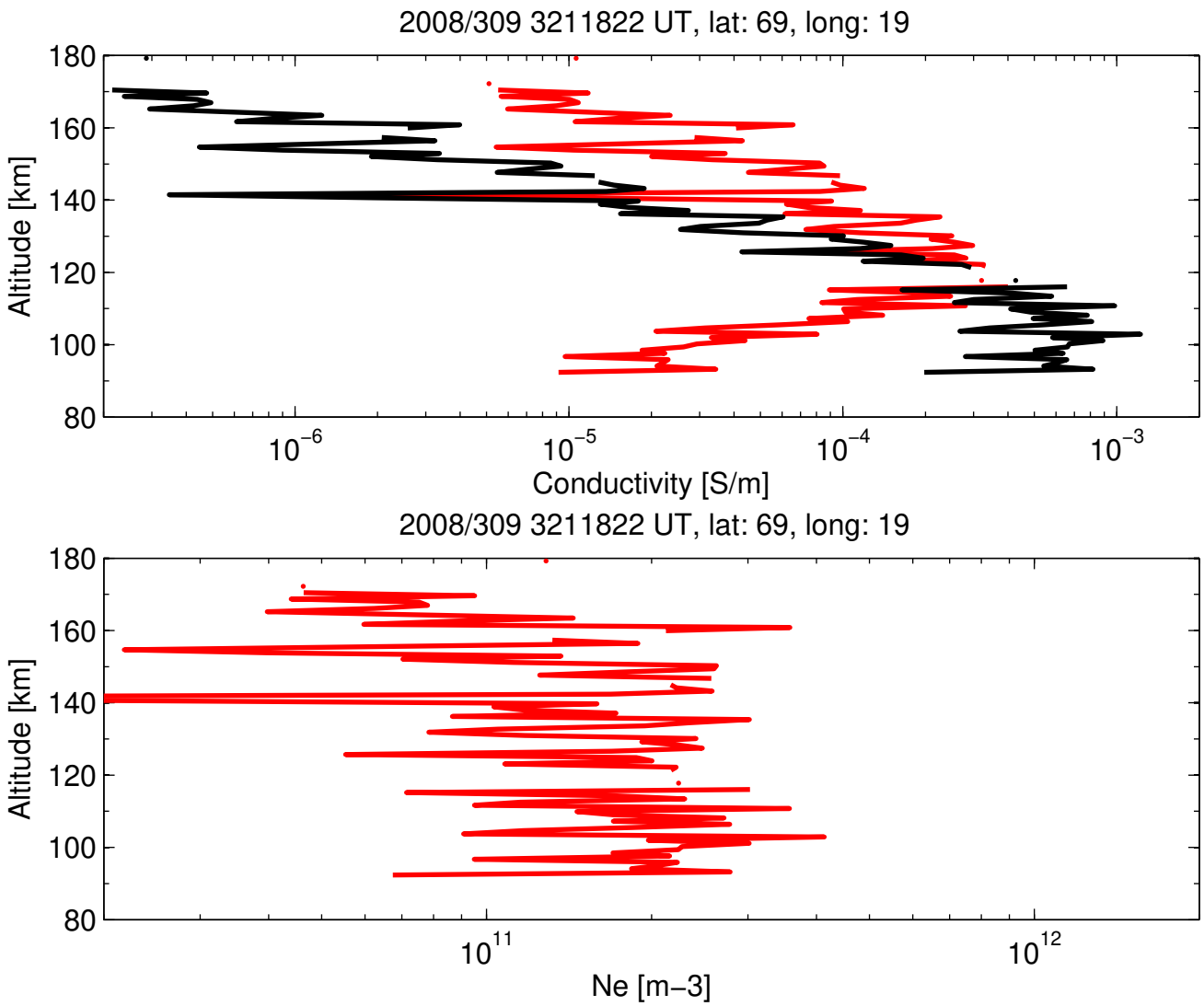
10^{11}
10^{12}
Ne [m−3]


2008/309 3211822 UT, lat: 69, long: 19
Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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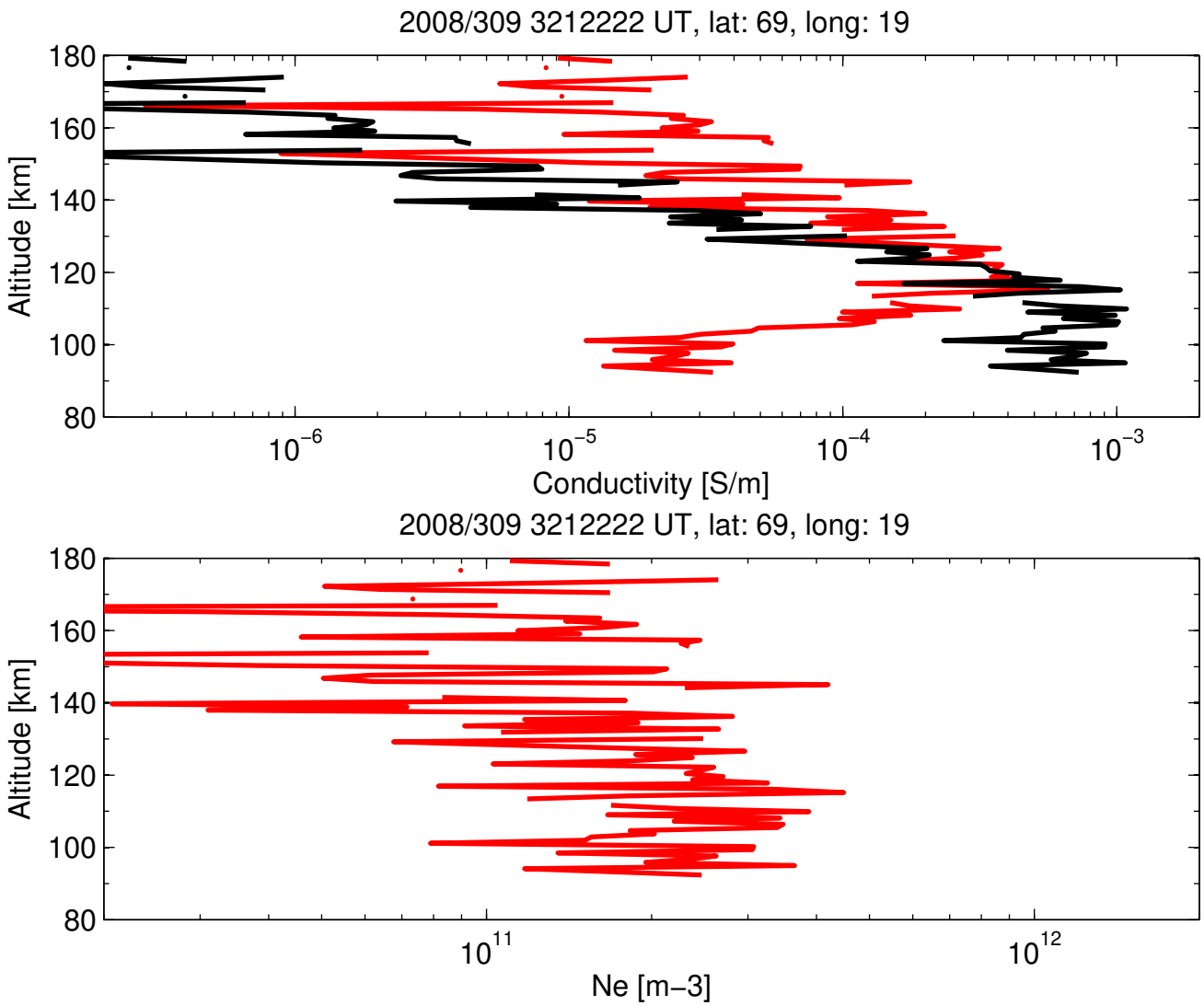
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3212222 UT, lat: 69, long: 19
Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3212222 UT, lat: 69, long: 19
Altitude [km]
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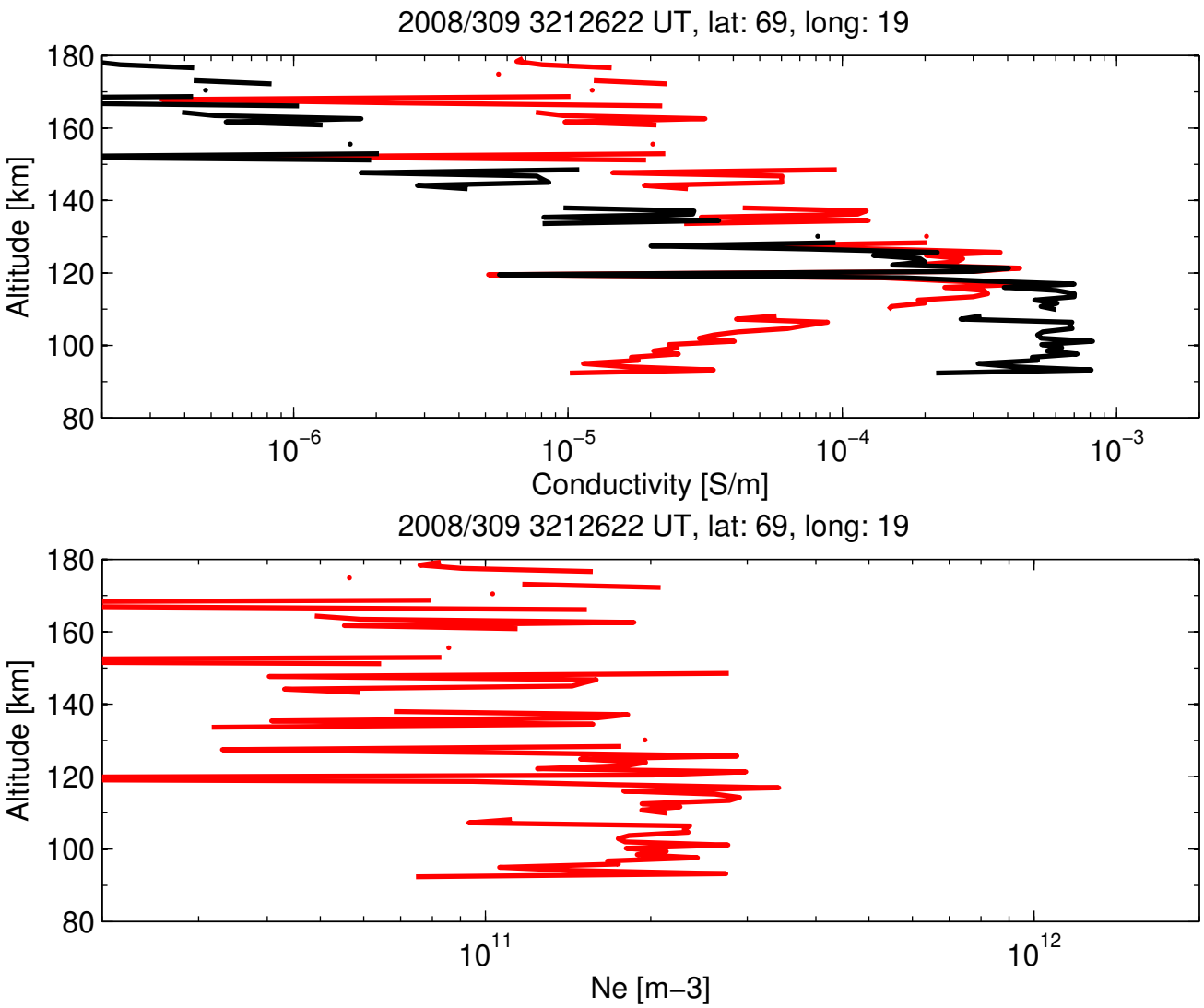
140
120
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3212622 UT, lat: 69, long: 19
Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3212622 UT, lat: 69, long: 19
Altitude [km]
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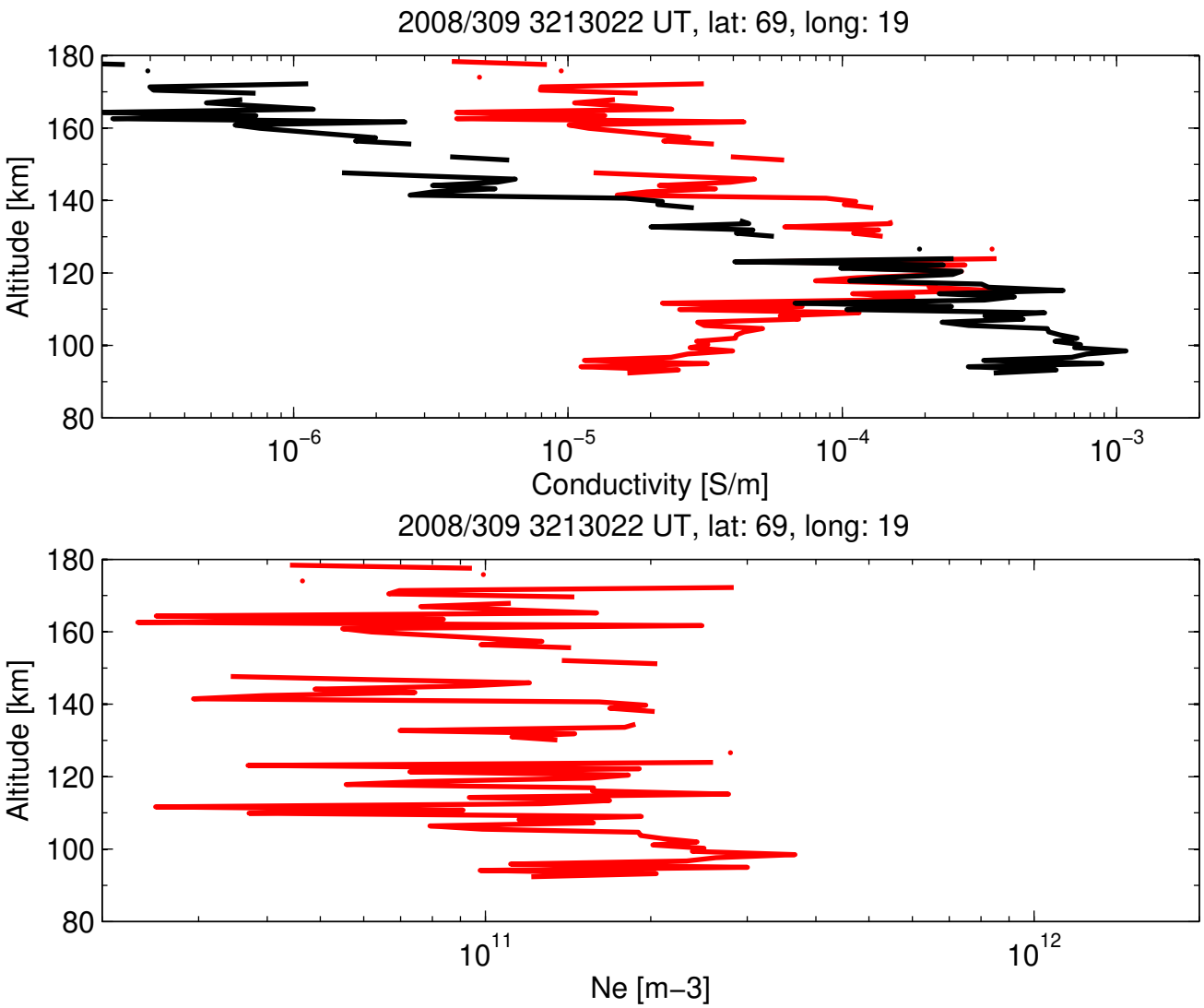
100
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3213022 UT, lat: 69, long: 19
Altitude [km]
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160
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3213022 UT, lat: 69, long: 19
Altitude [km]
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120
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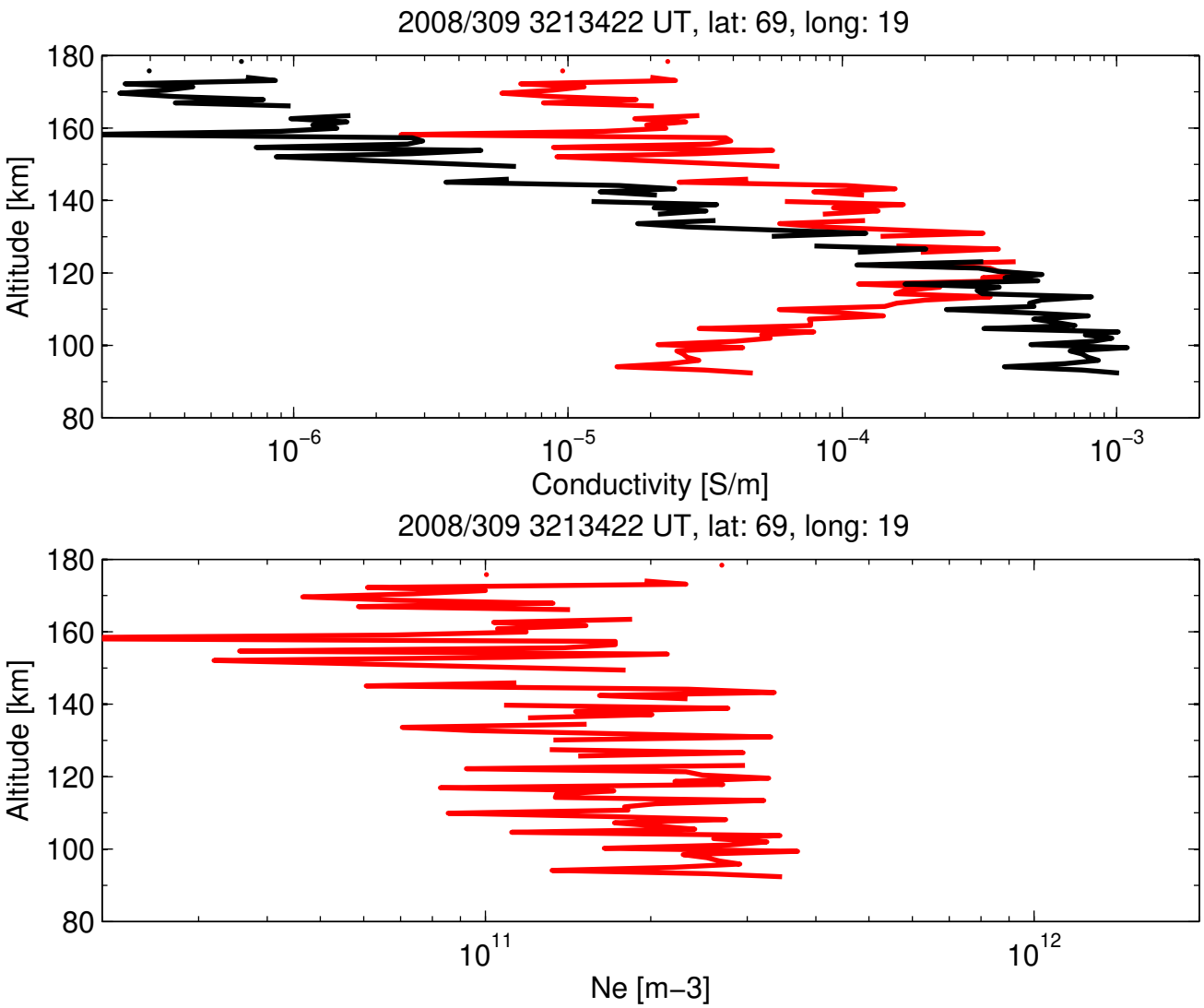
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3213422 UT, lat: 69, long: 19
Altitude [km]
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120
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3213422 UT, lat: 69, long: 19
Altitude [km]
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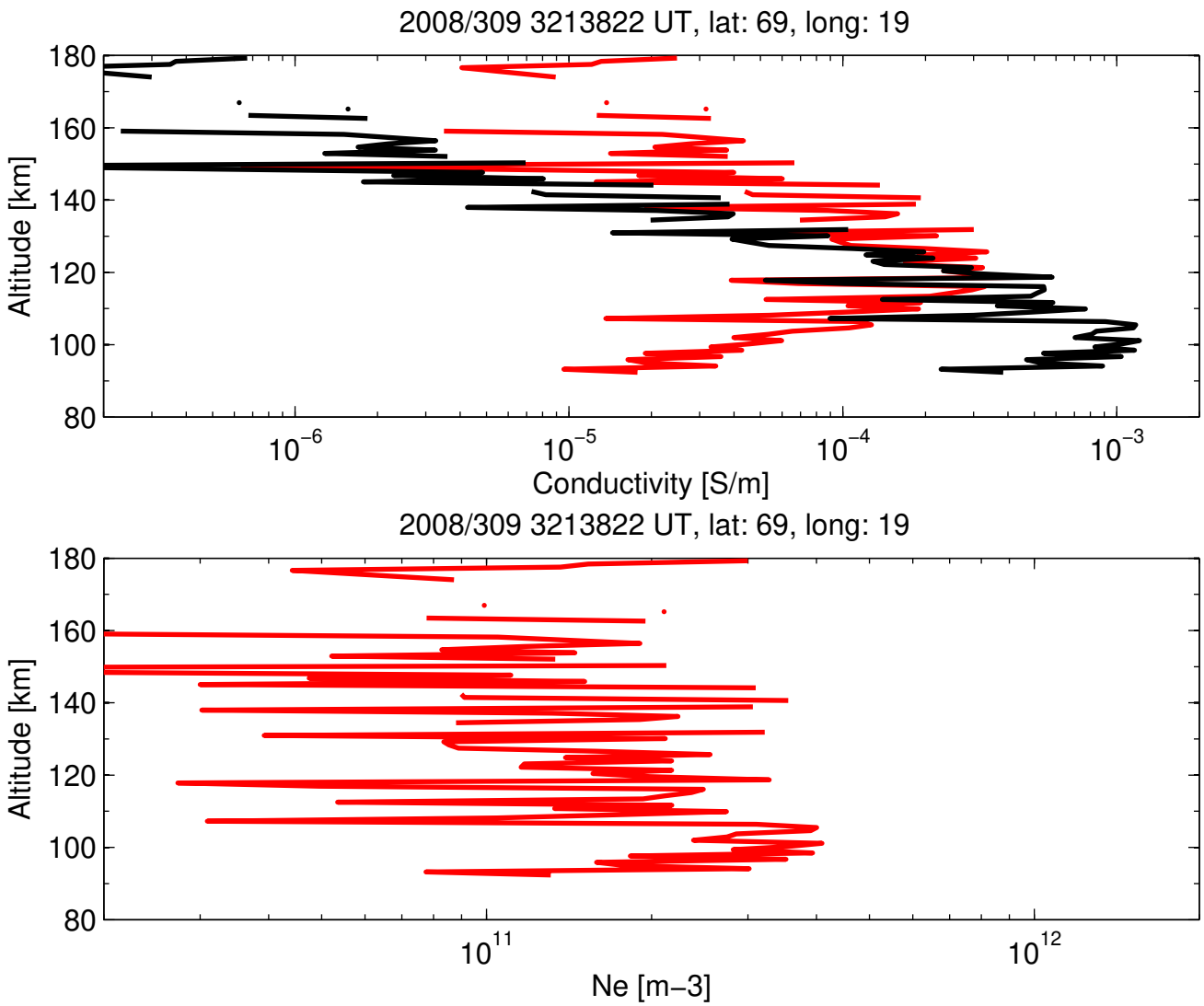
10^{11}
10^{12}
Ne [m−3]


2008/309 3213822 UT, lat: 69, long: 19
Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3213822 UT, lat: 69, long: 19
Altitude [km]
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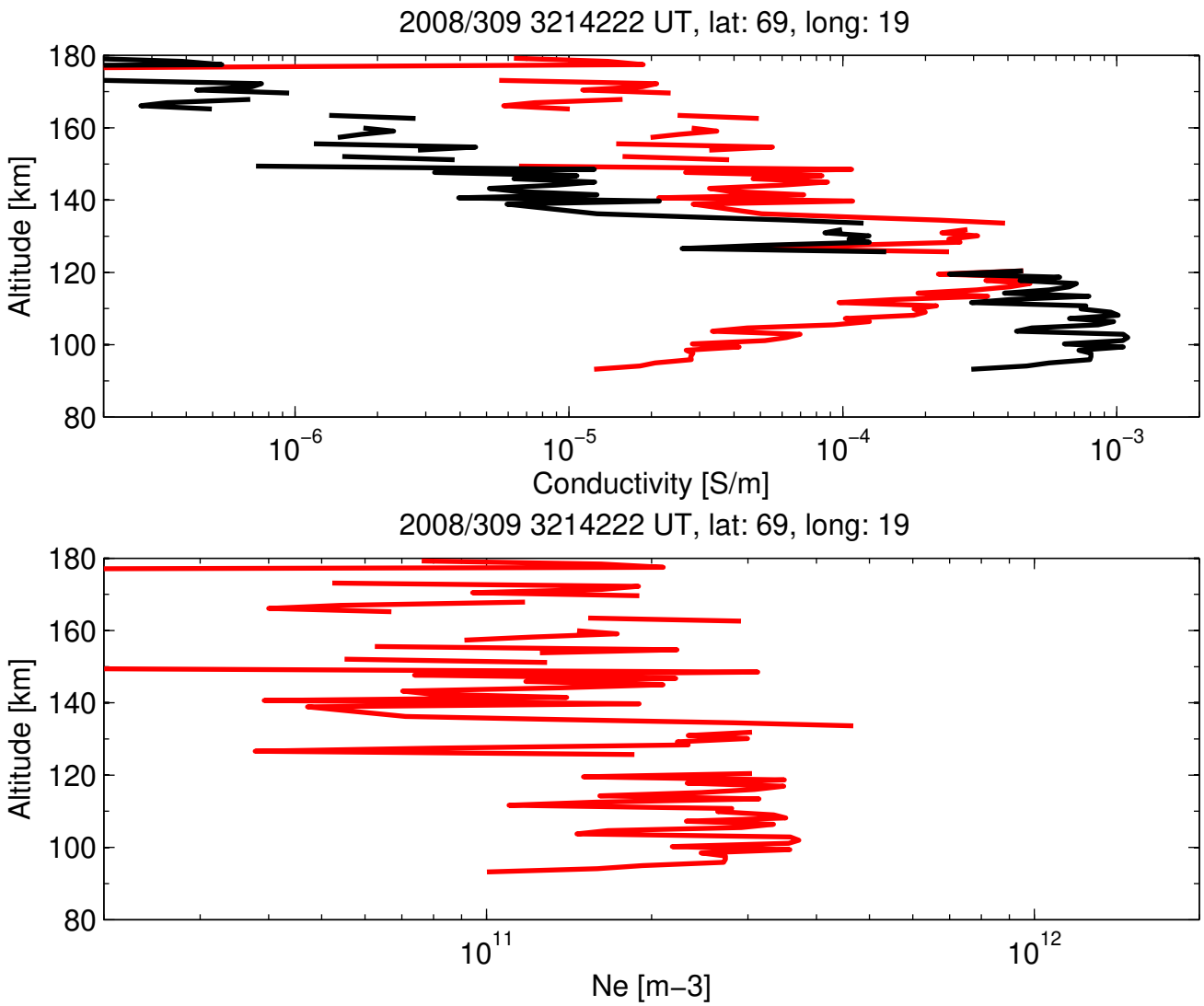
10^{11}
10^{12}
Ne [m−3]


2008/309 3214222 UT, lat: 69, long: 19
Altitude [km]
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10^{-6}
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3214222 UT, lat: 69, long: 19
Altitude [km]
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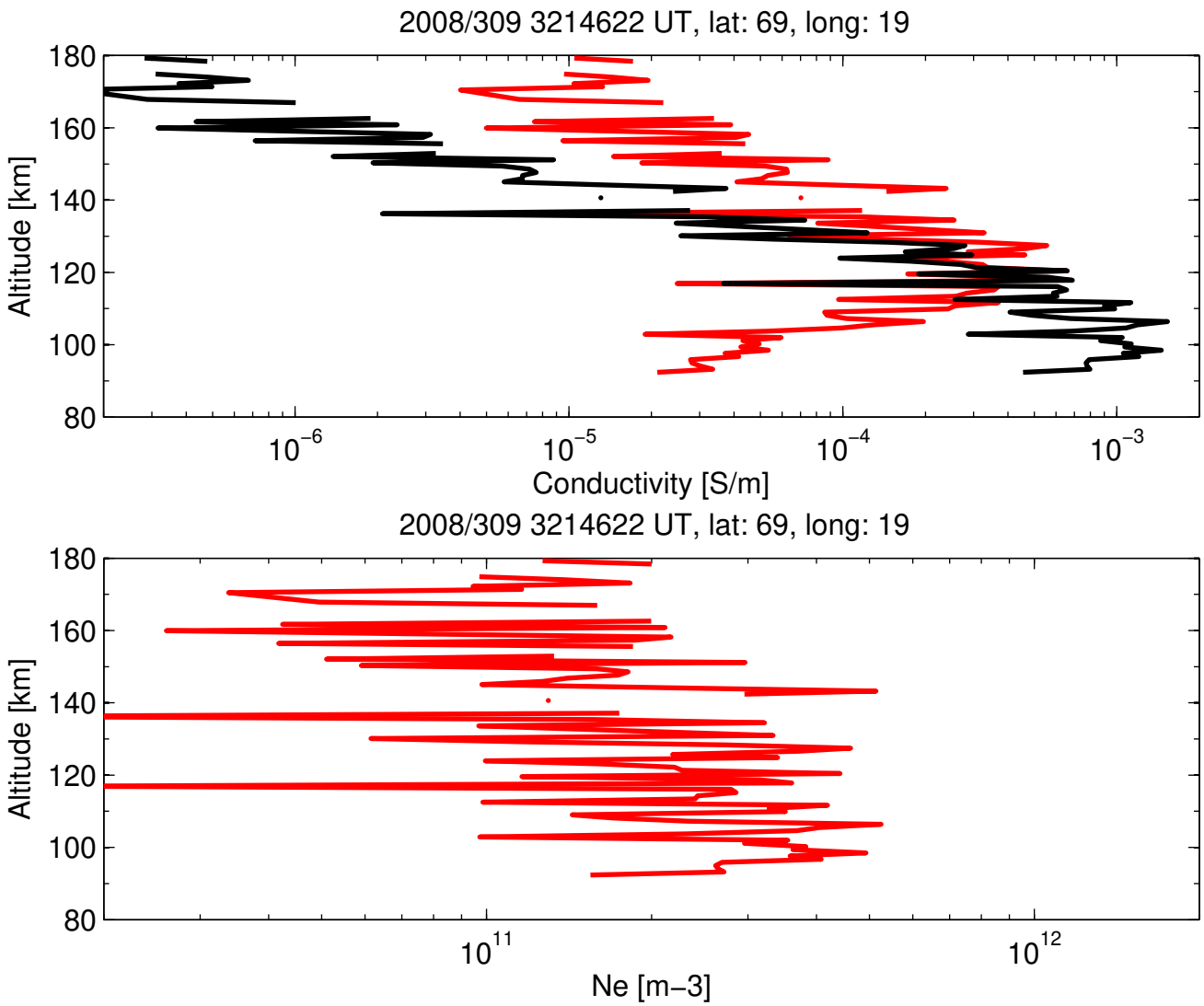
10^{11}
10^{12}
Ne [m−3]


2008/309 3214622 UT, lat: 69, long: 19
Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3214622 UT, lat: 69, long: 19
Altitude [km]
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120
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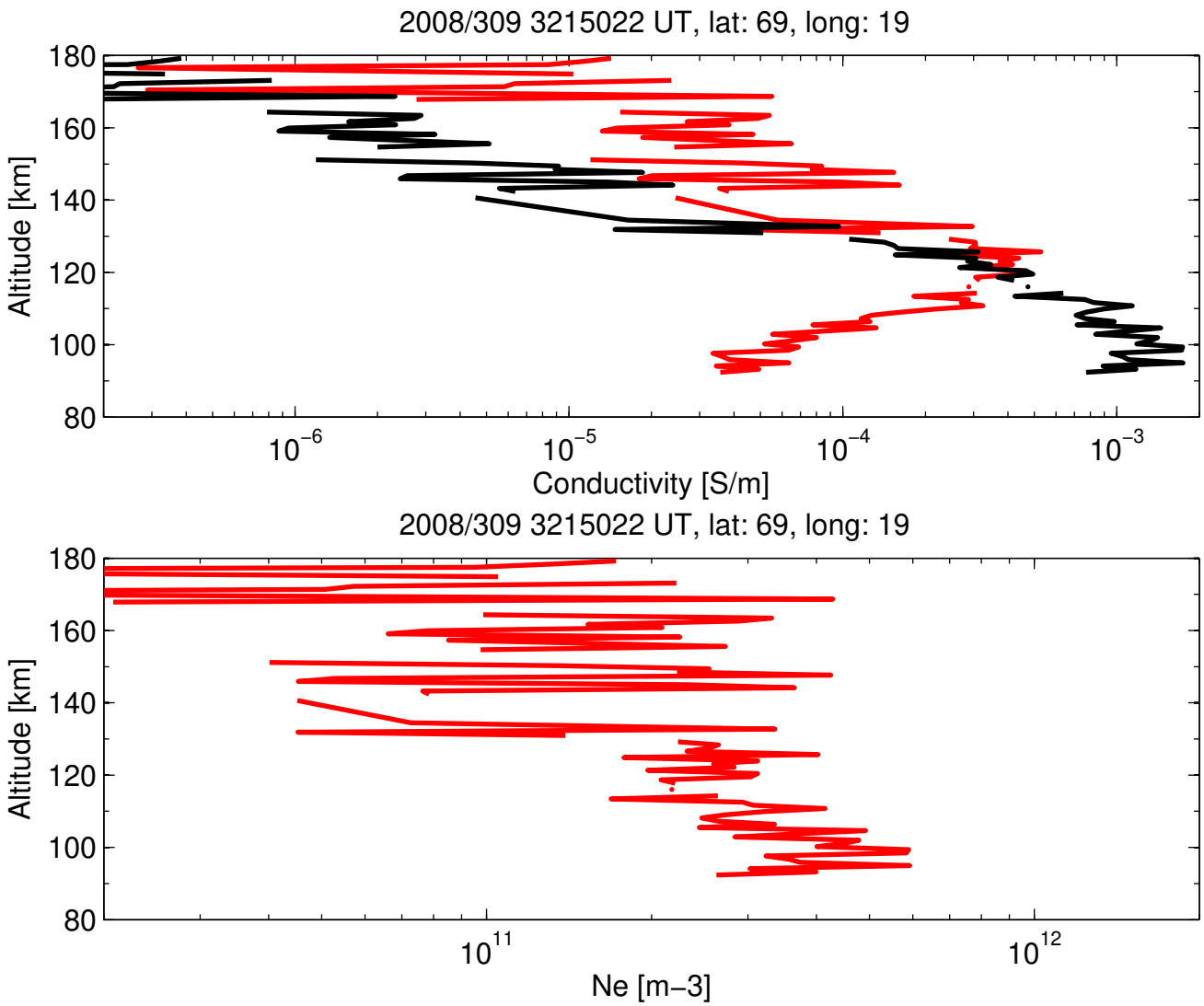
80
10^{11}
10^{12}
Ne [m−3]


2008/309 3215022 UT, lat: 69, long: 19
Altitude [km]
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10^{-6}
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3215022 UT, lat: 69, long: 19
Altitude [km]
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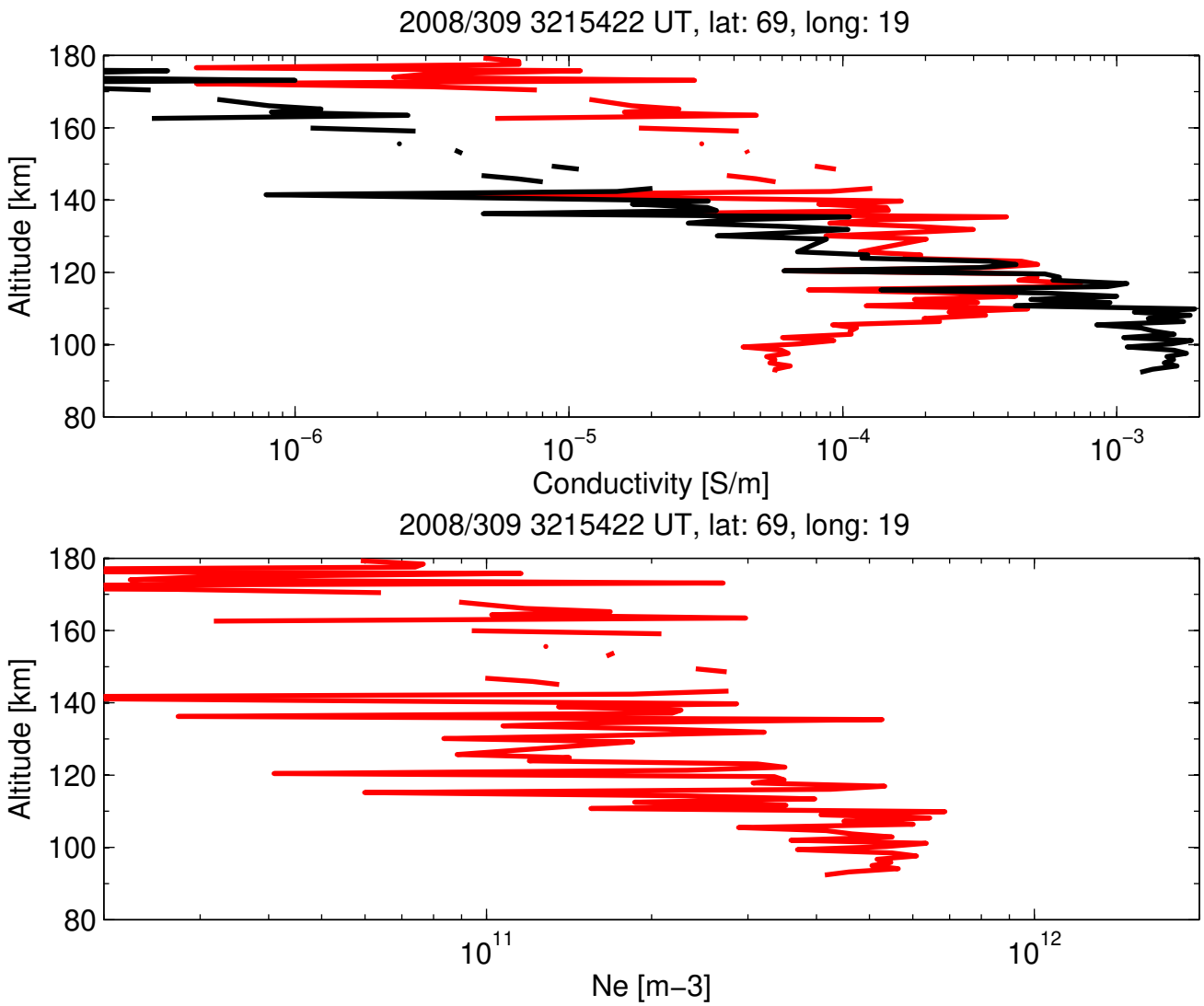
10^{11}
10^{12}
Ne [m−3]


2008/309 3215422 UT, lat: 69, long: 19
Altitude [km]
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10^{-6}
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3215422 UT, lat: 69, long: 19
Altitude [km]
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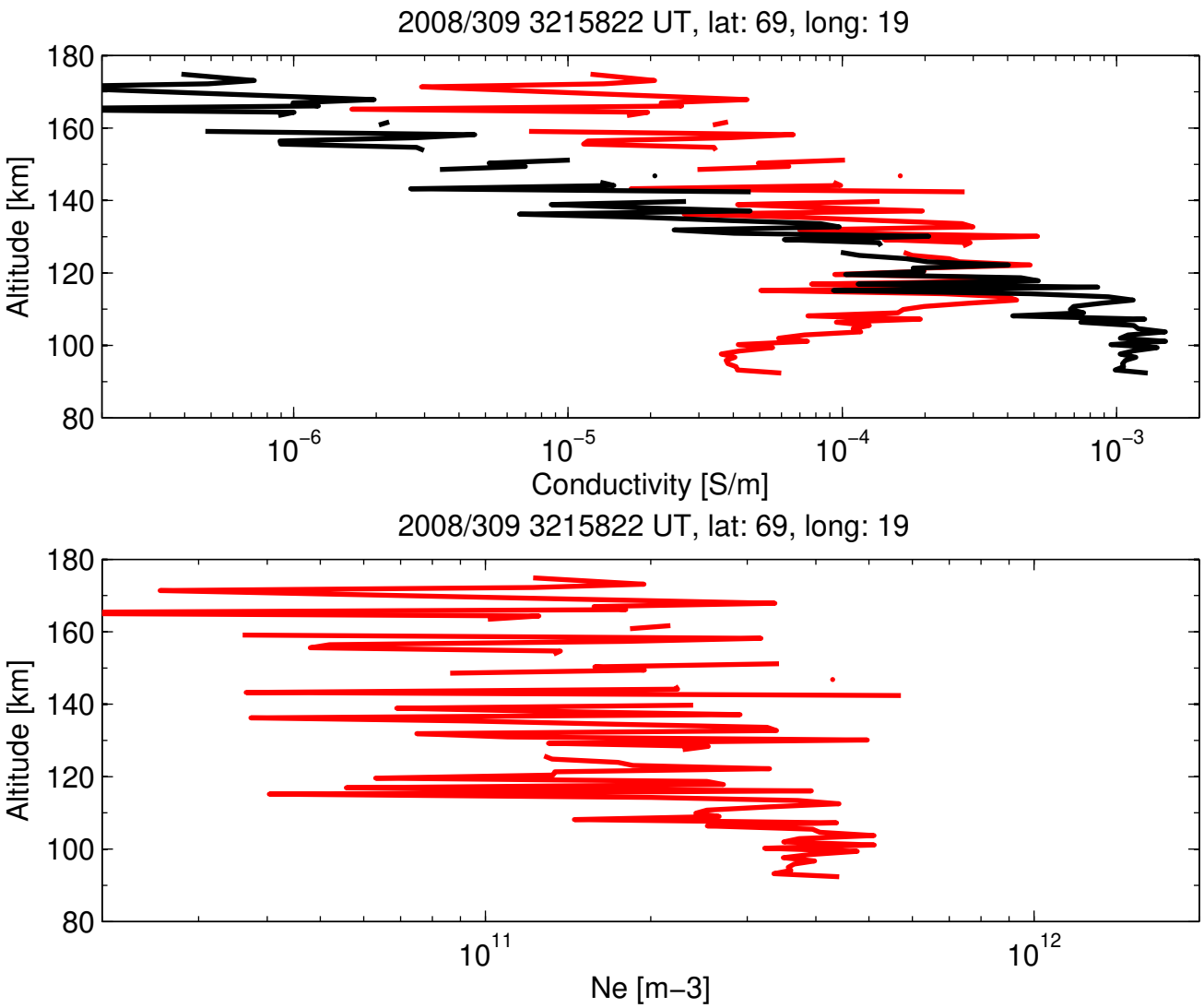
10^{11}
10^{12}
Ne [m−3]


2008/309 3215822 UT, lat: 69, long: 19
Altitude [km]
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10^{-6}
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3215822 UT, lat: 69, long: 19
Altitude [km]
180
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140
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100
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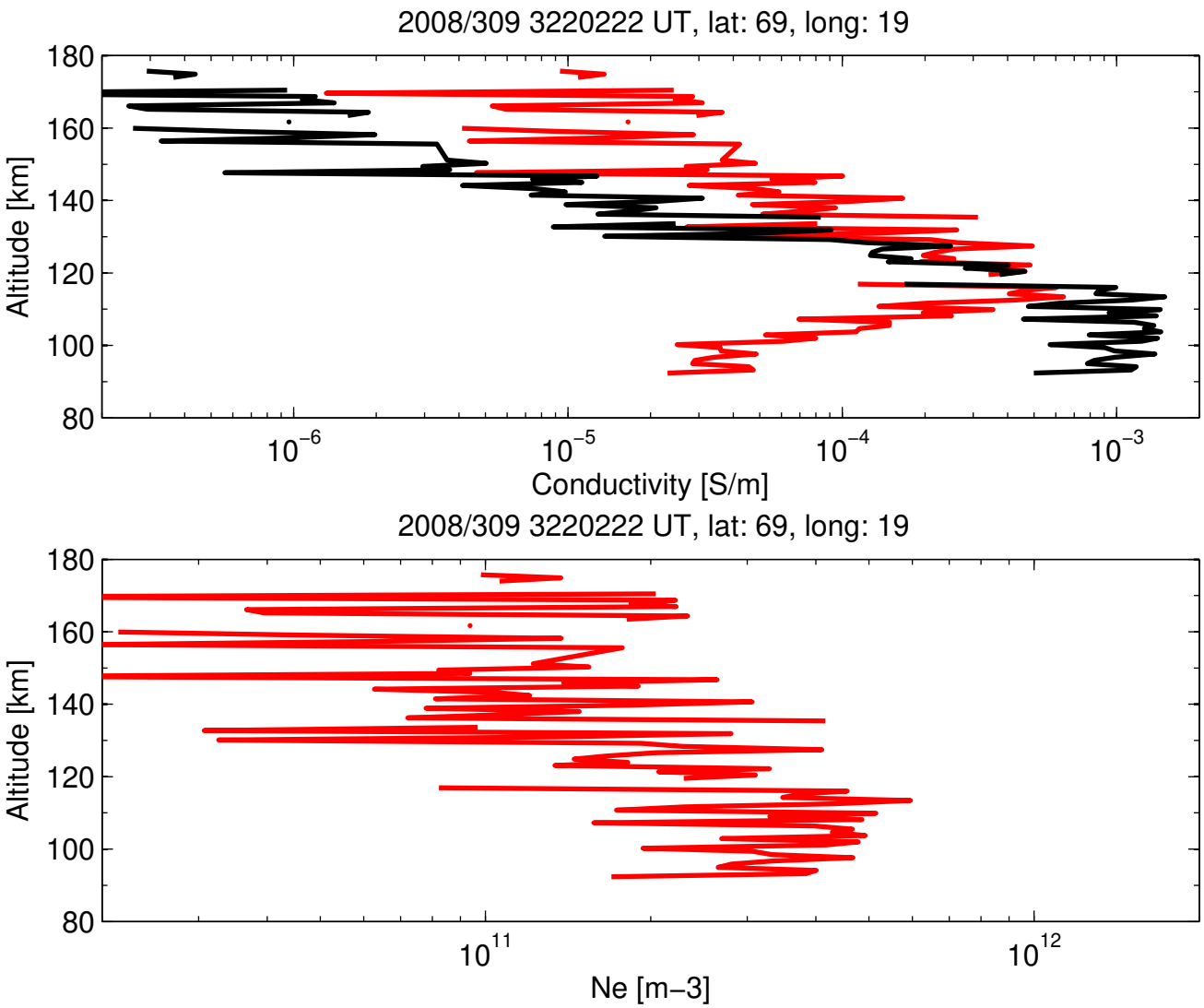
10^{11}
10^{12}
Ne [m−3]


2008/309 3220222 UT, lat: 69, long: 19
Altitude [km]
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160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3220222 UT, lat: 69, long: 19
Altitude [km]
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160
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120
100
80
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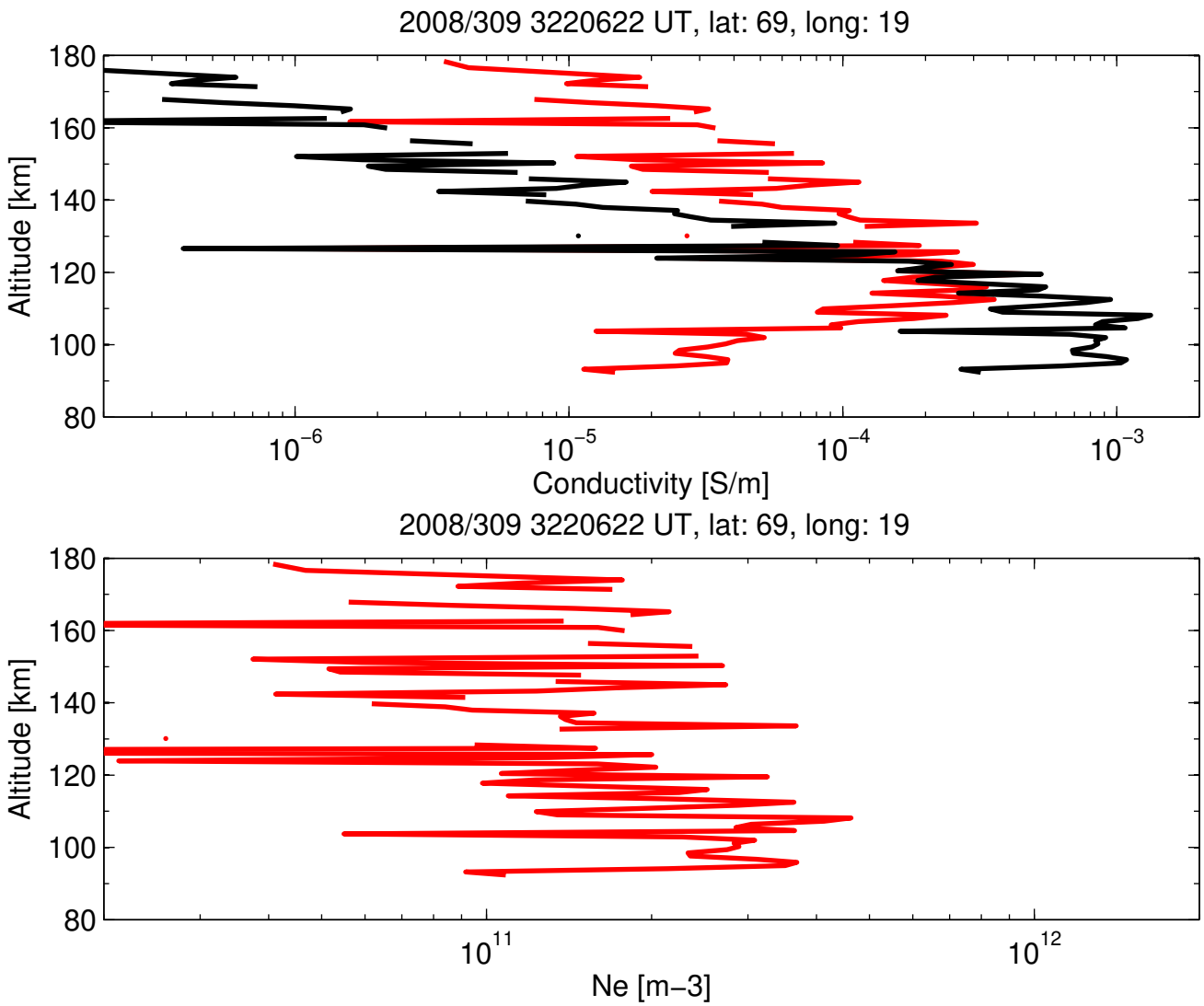
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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80
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10^{12}
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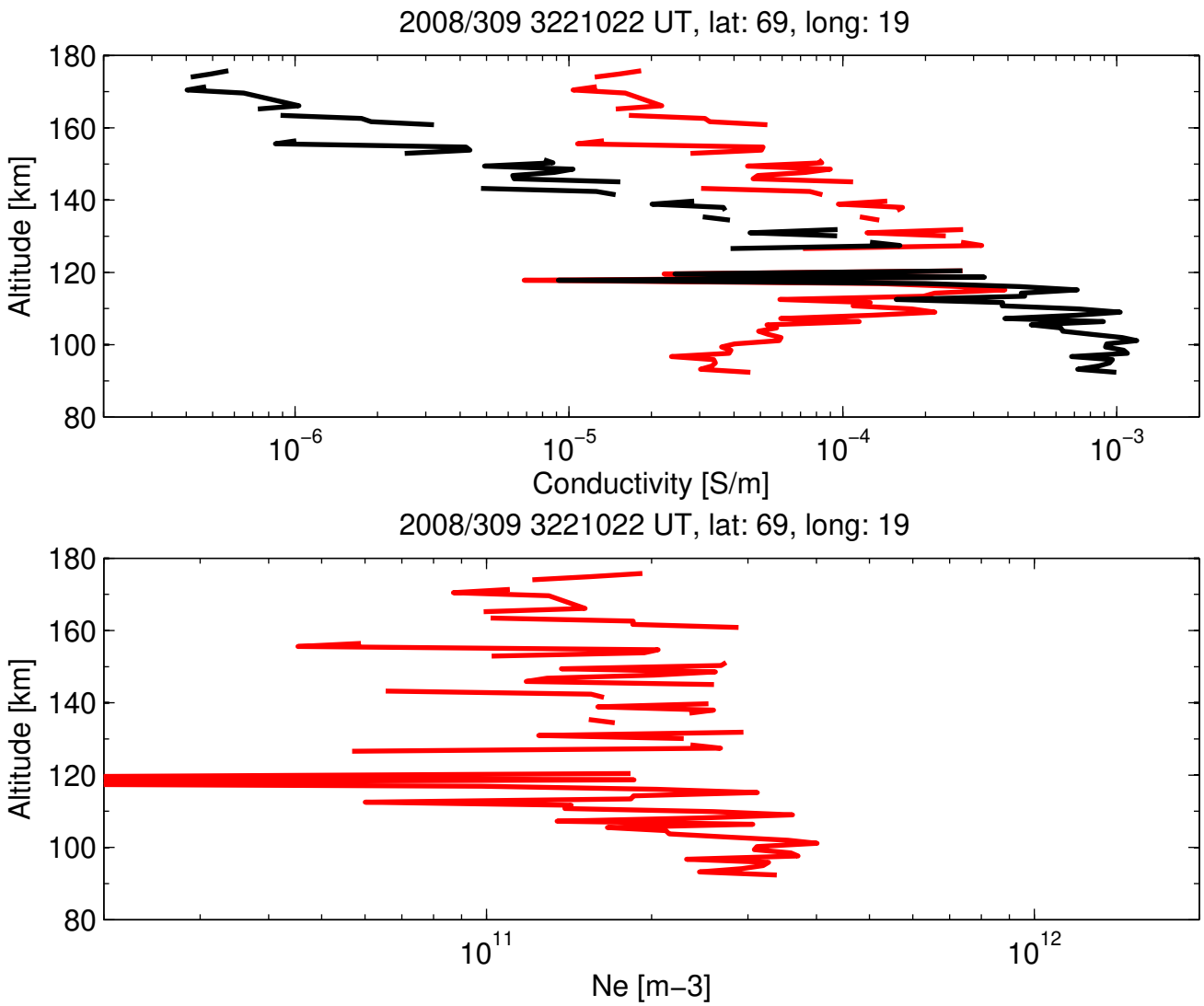
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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120
100
80
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10^{12}
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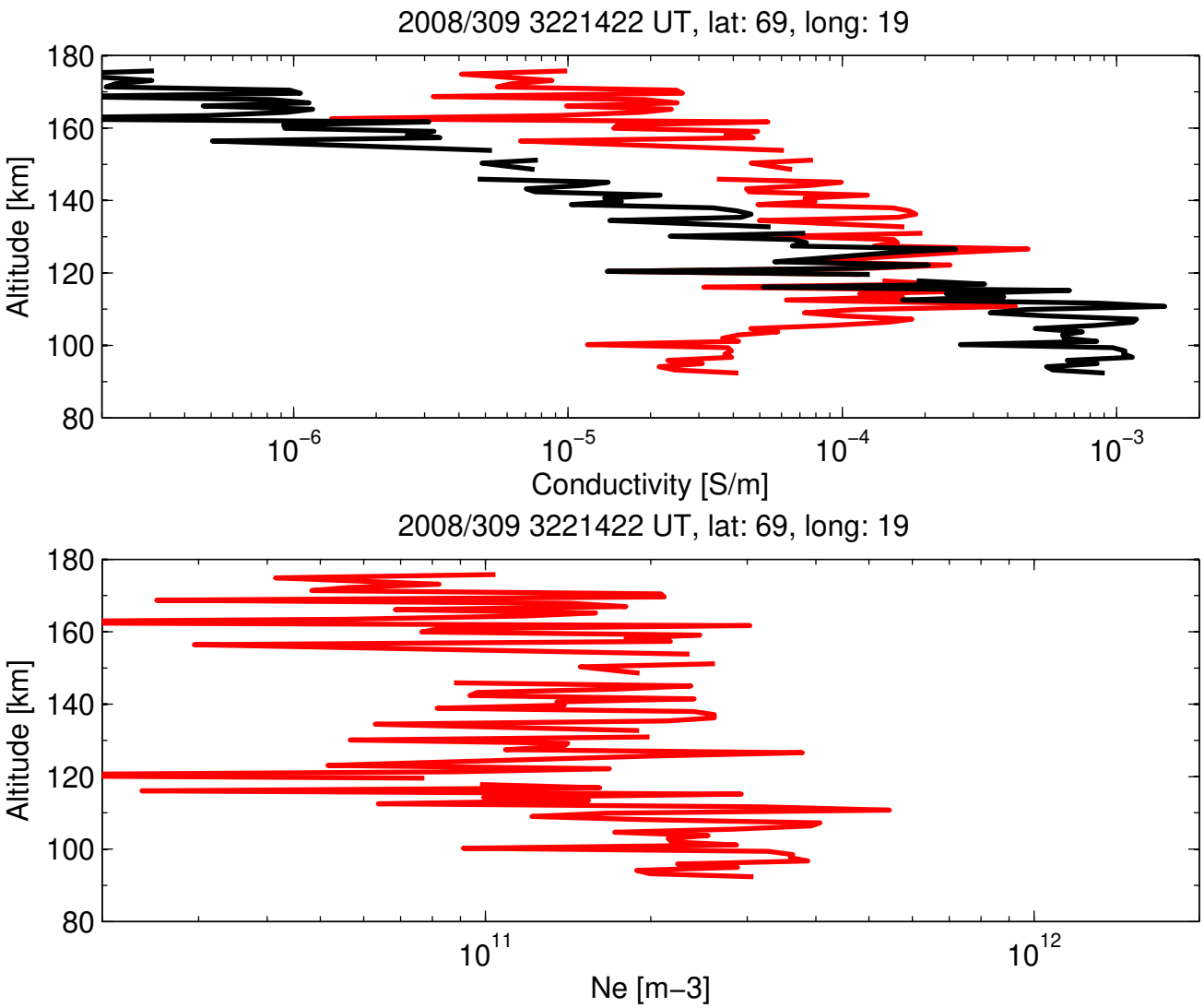
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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100
80
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10^{12}
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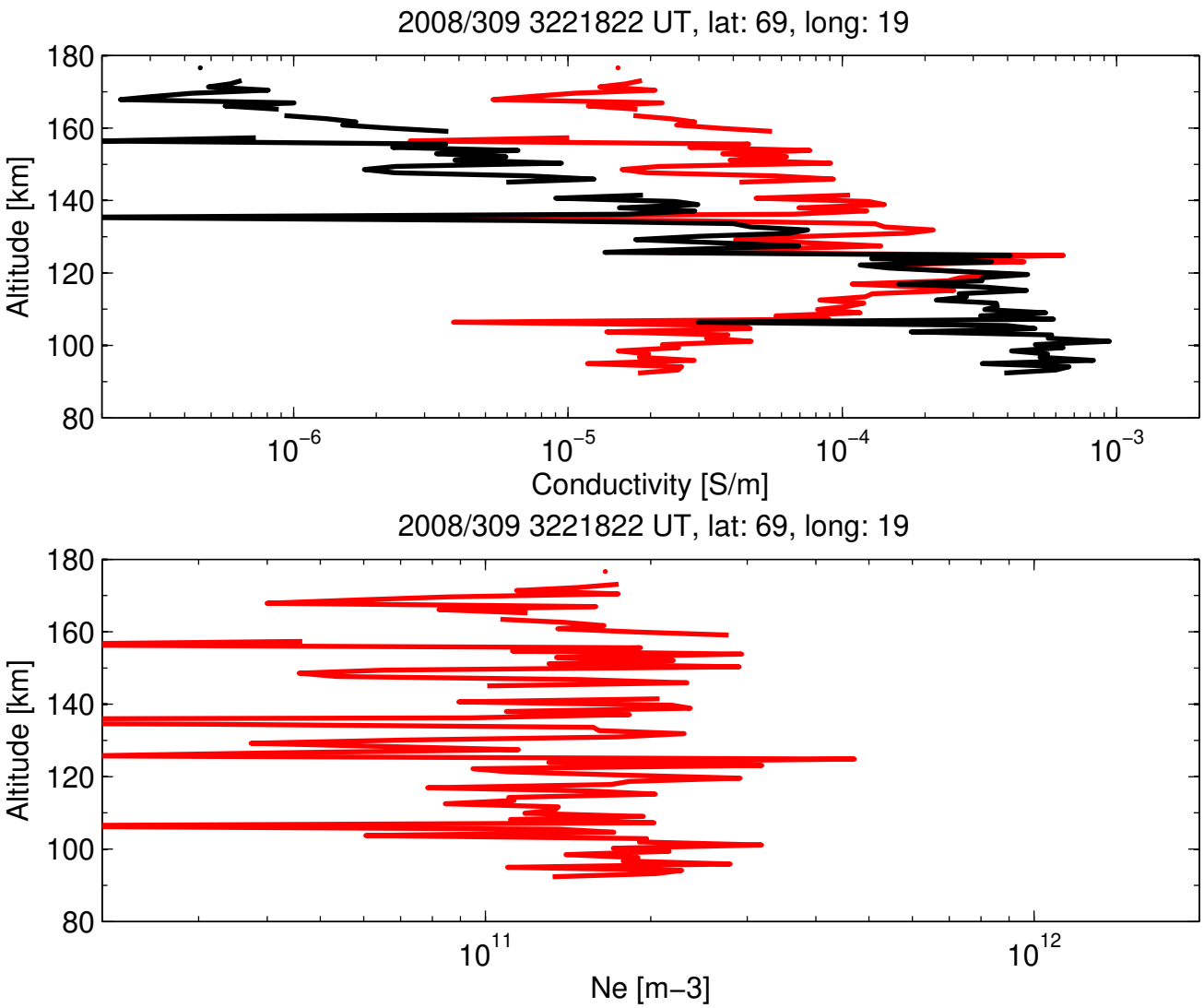
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Altitude [km]
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80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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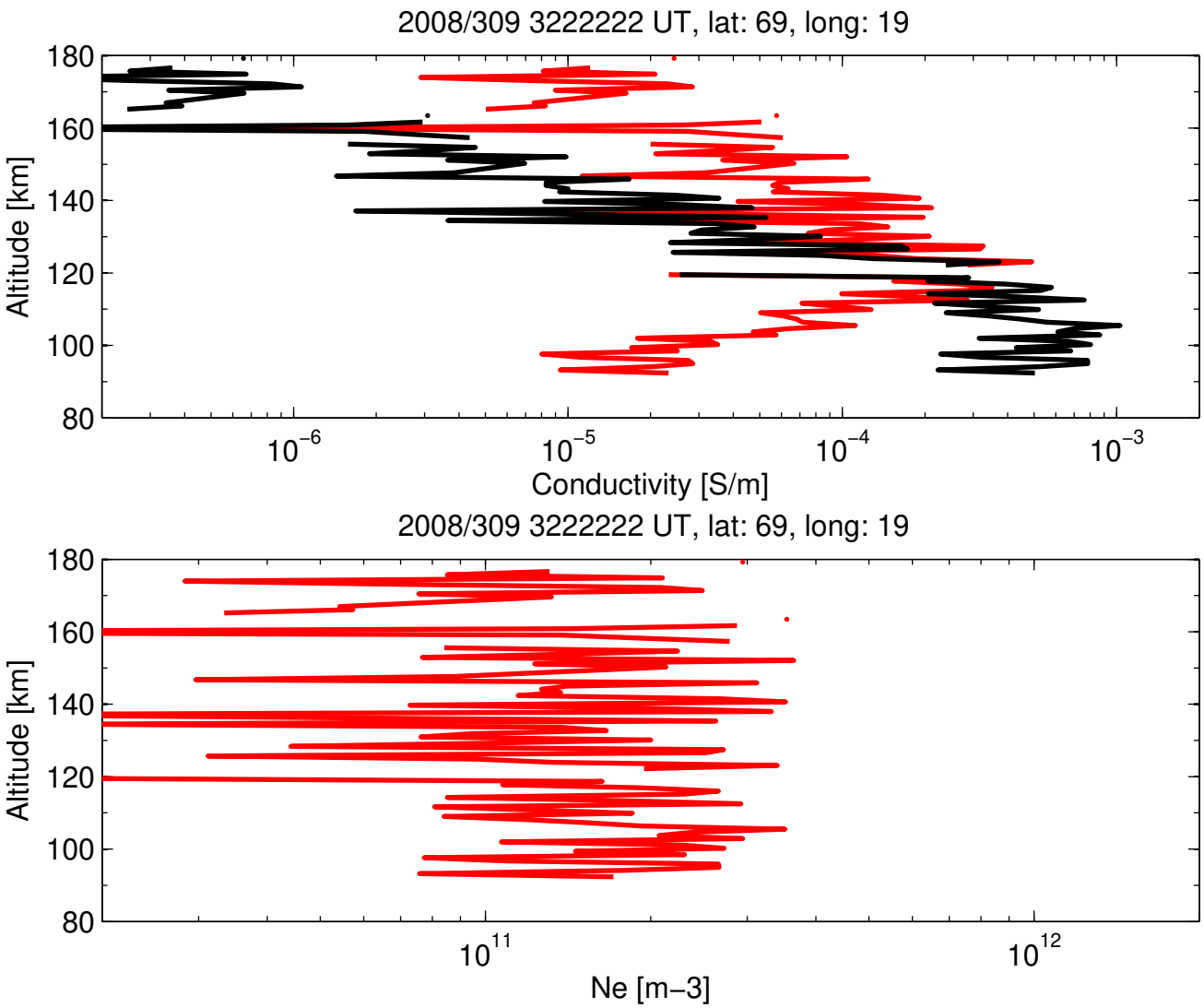
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3222222 UT, lat: 69, long: 19
Altitude [km]
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160
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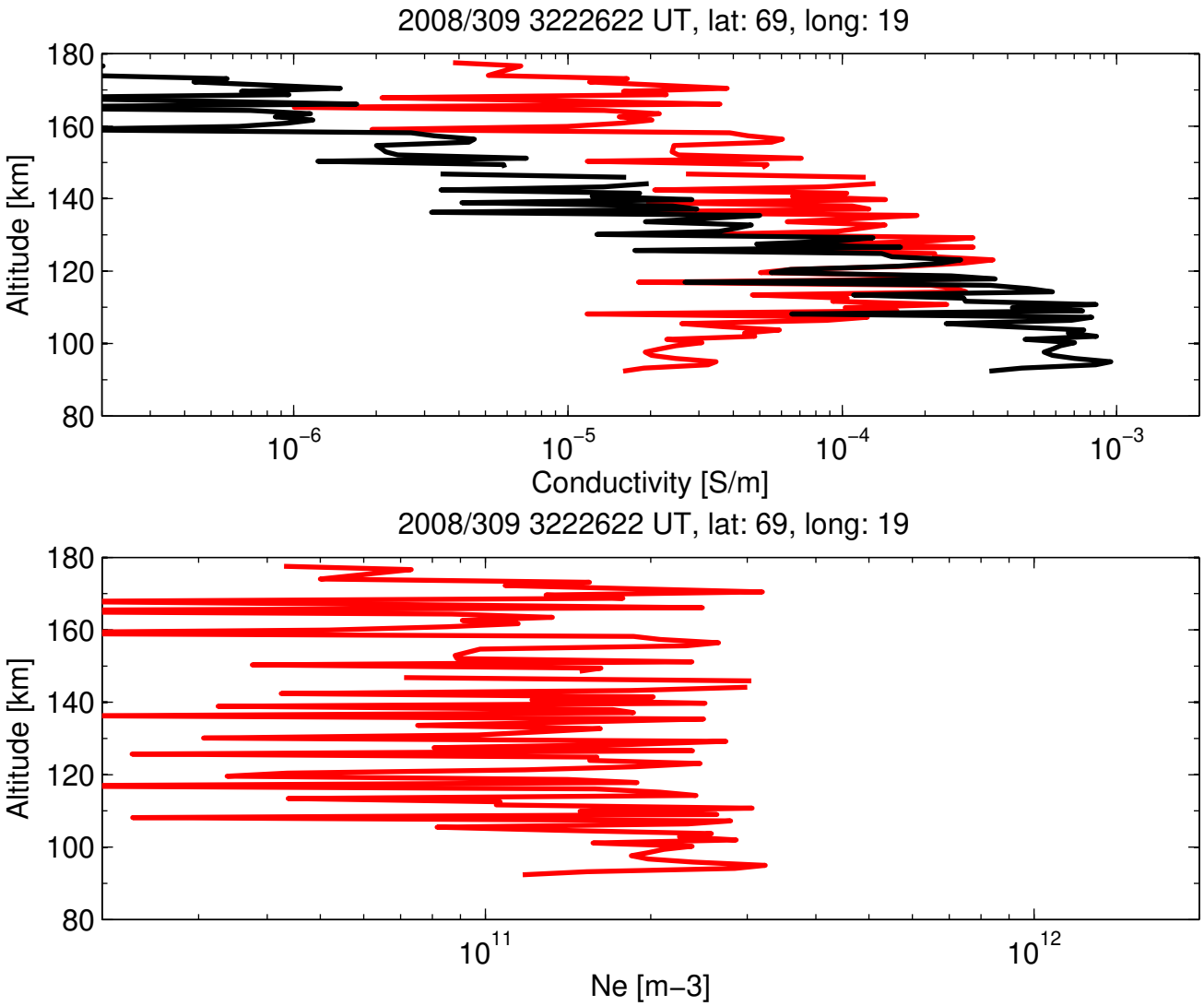
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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160
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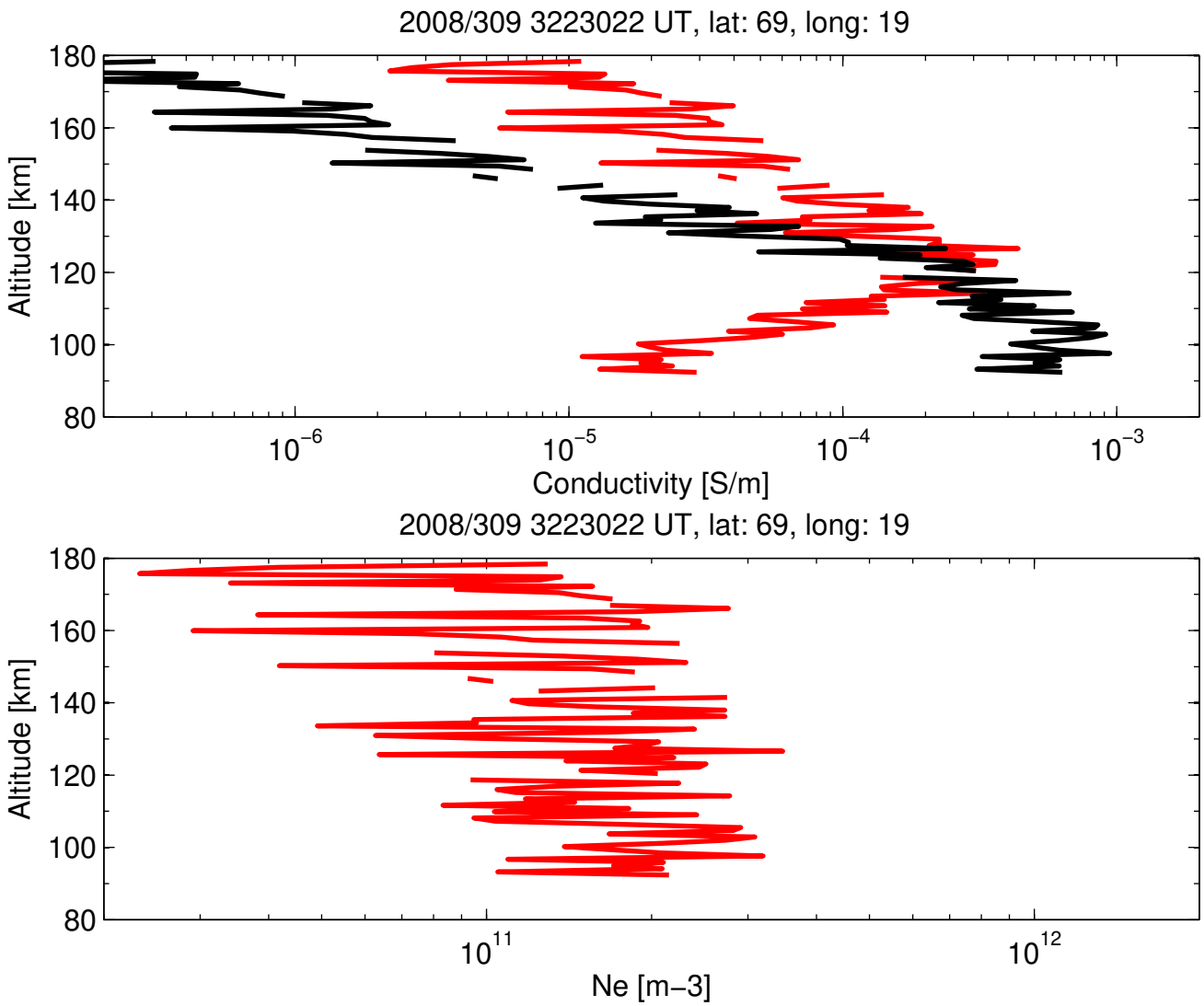
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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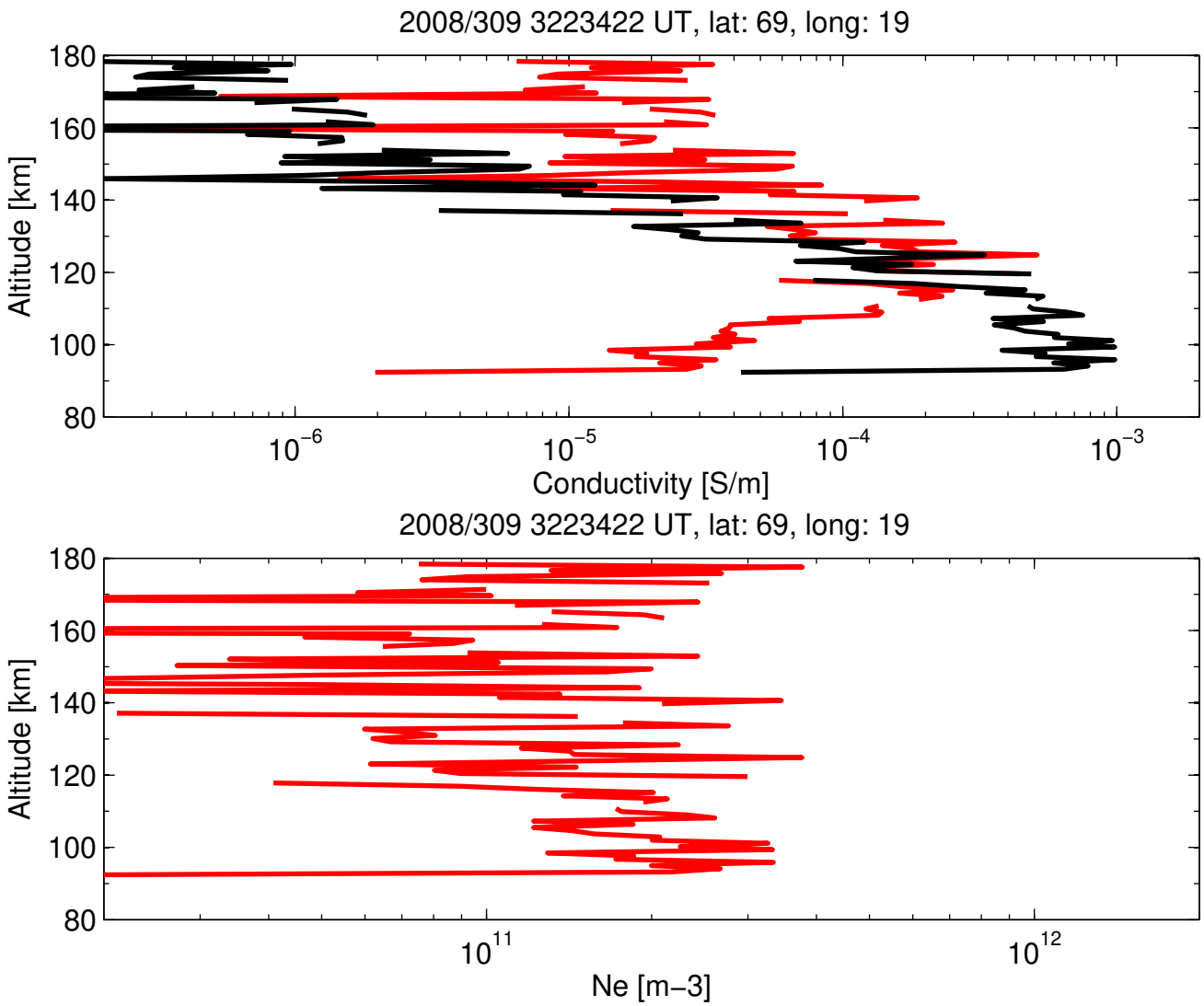
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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160
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3223422 UT, lat: 69, long: 19
Altitude [km]
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100
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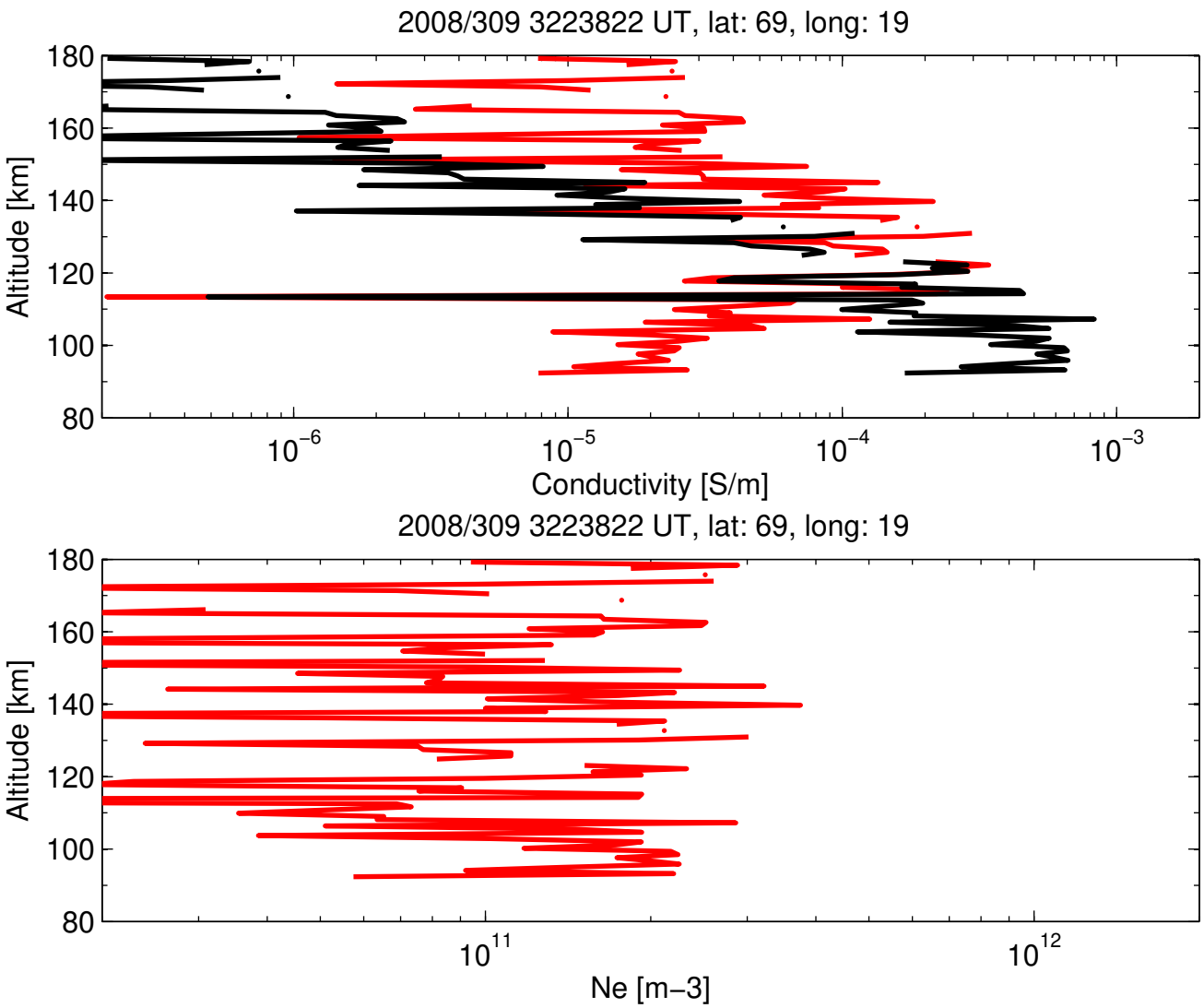
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3223822 UT, lat: 69, long: 19
Altitude [km]
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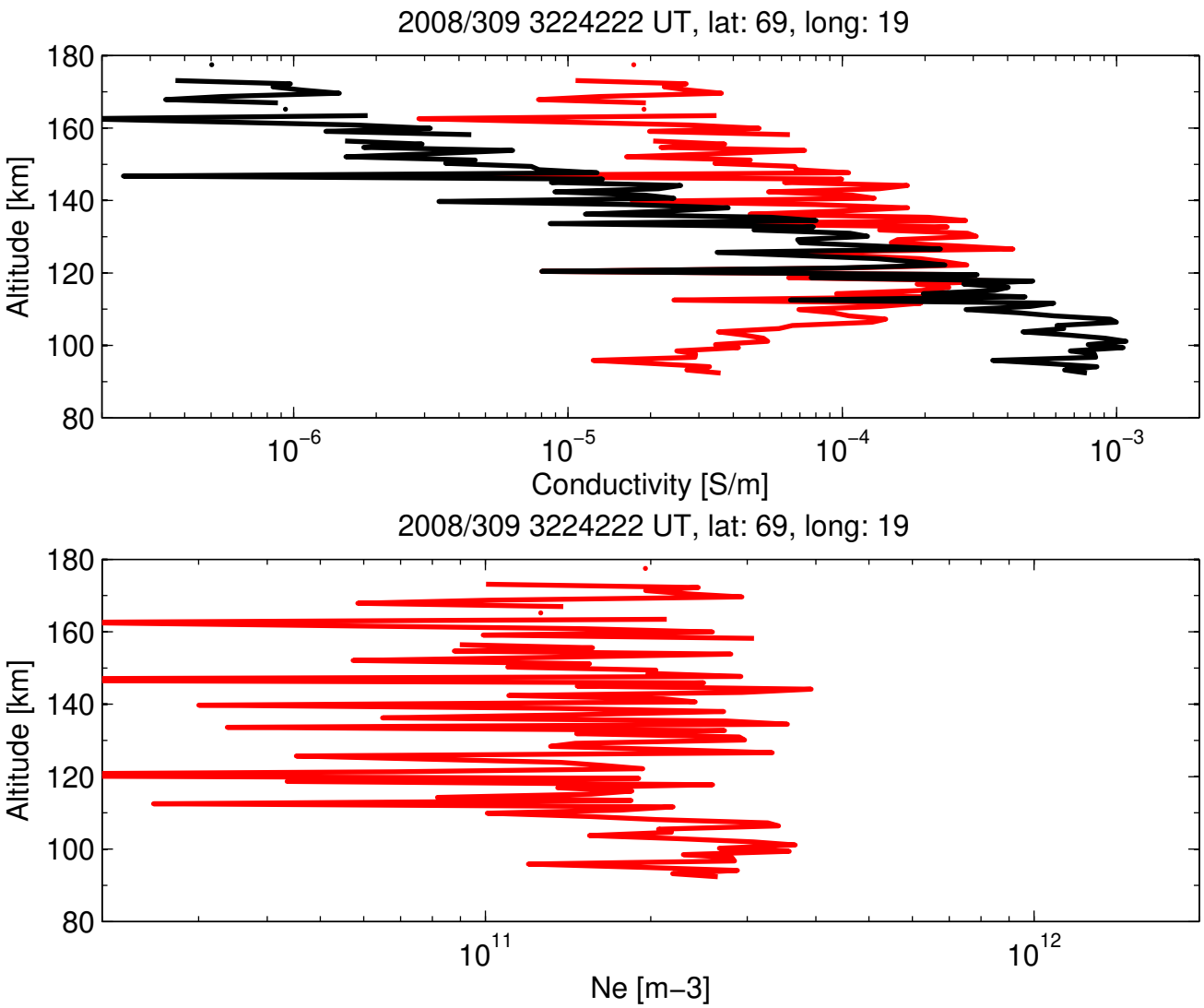
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3224222 UT, lat: 69, long: 19
Altitude [km]
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160
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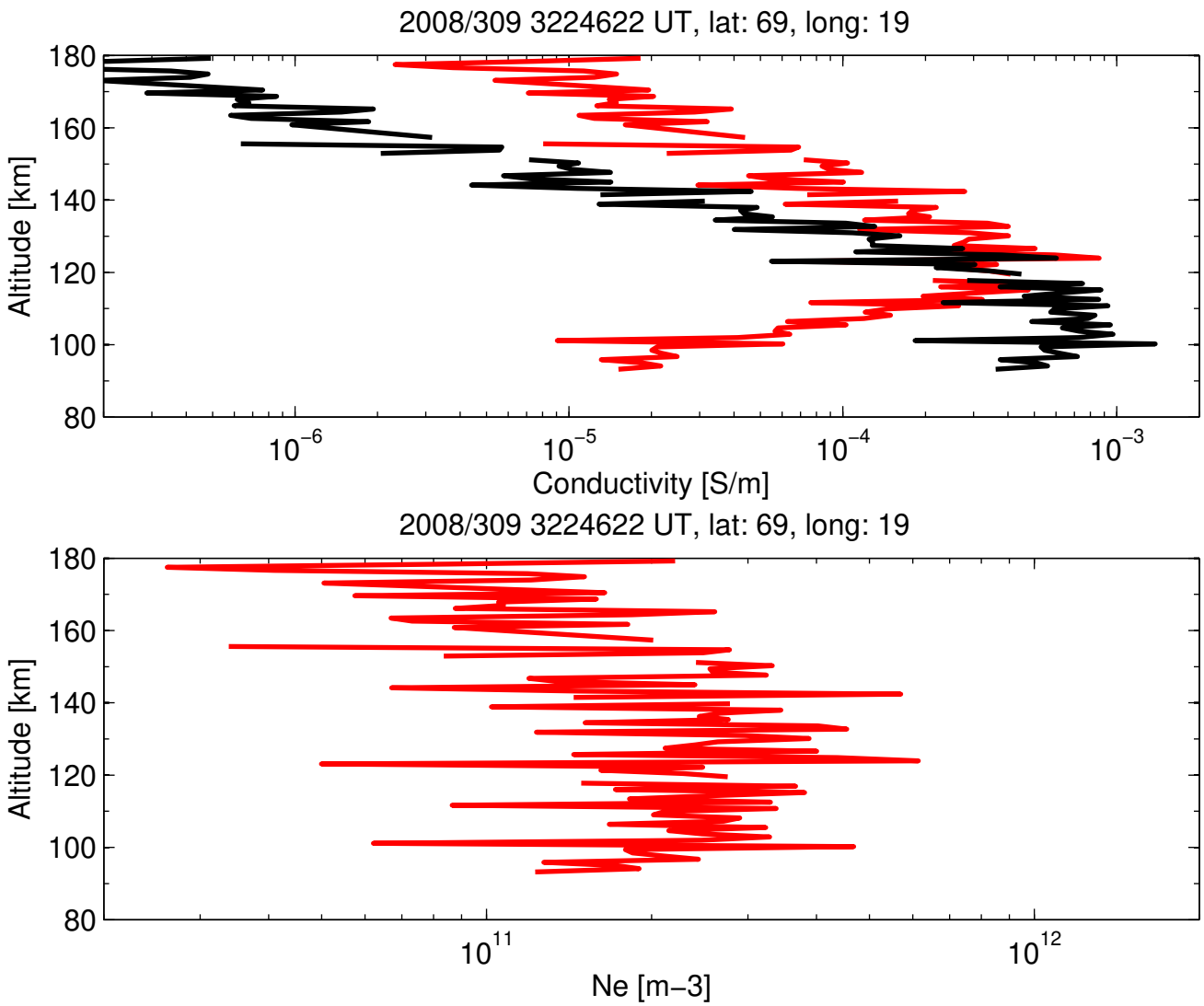
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3224622 UT, lat: 69, long: 19
Altitude [km]
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160
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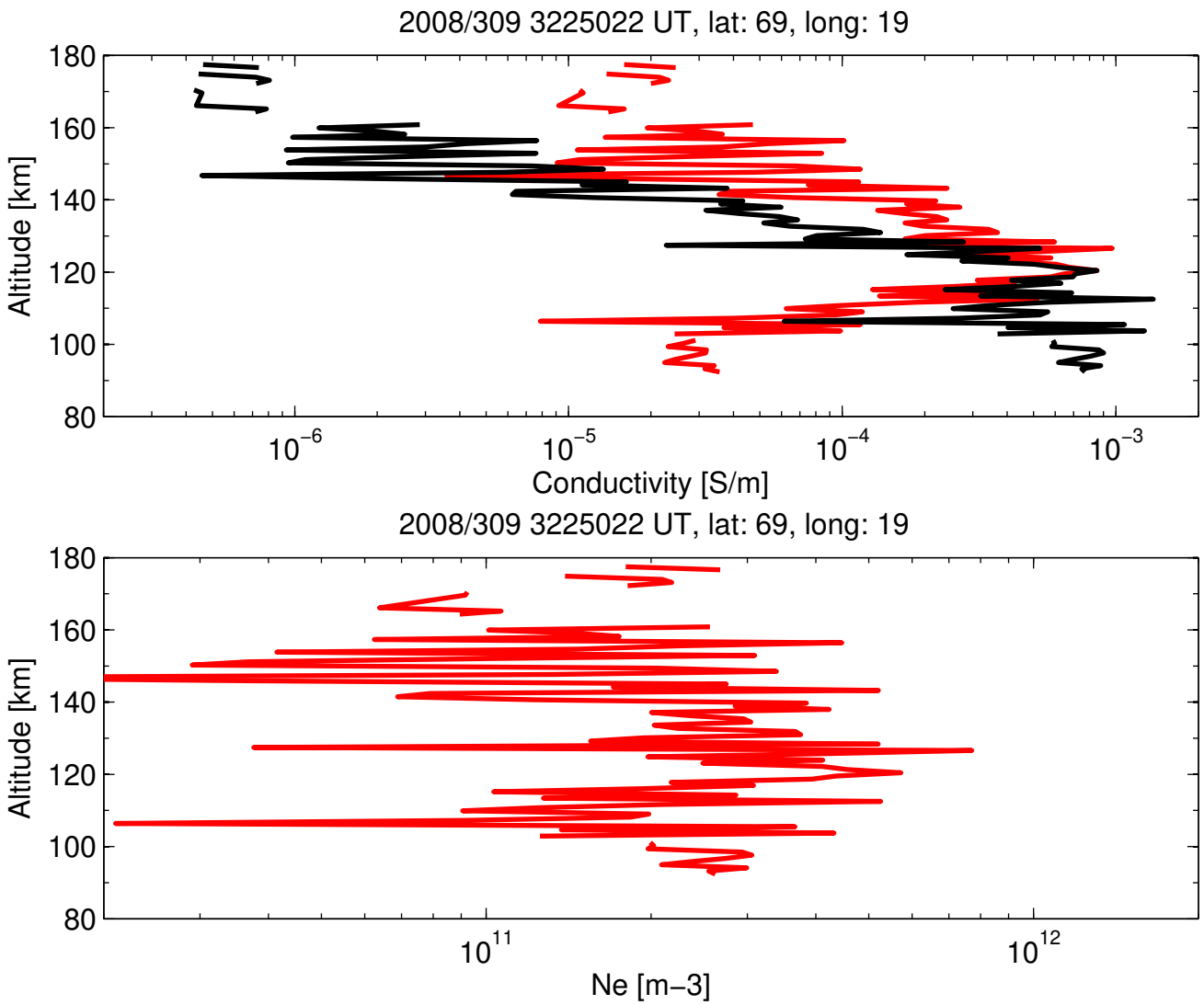
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3225022 UT, lat: 69, long: 19
Altitude [km]
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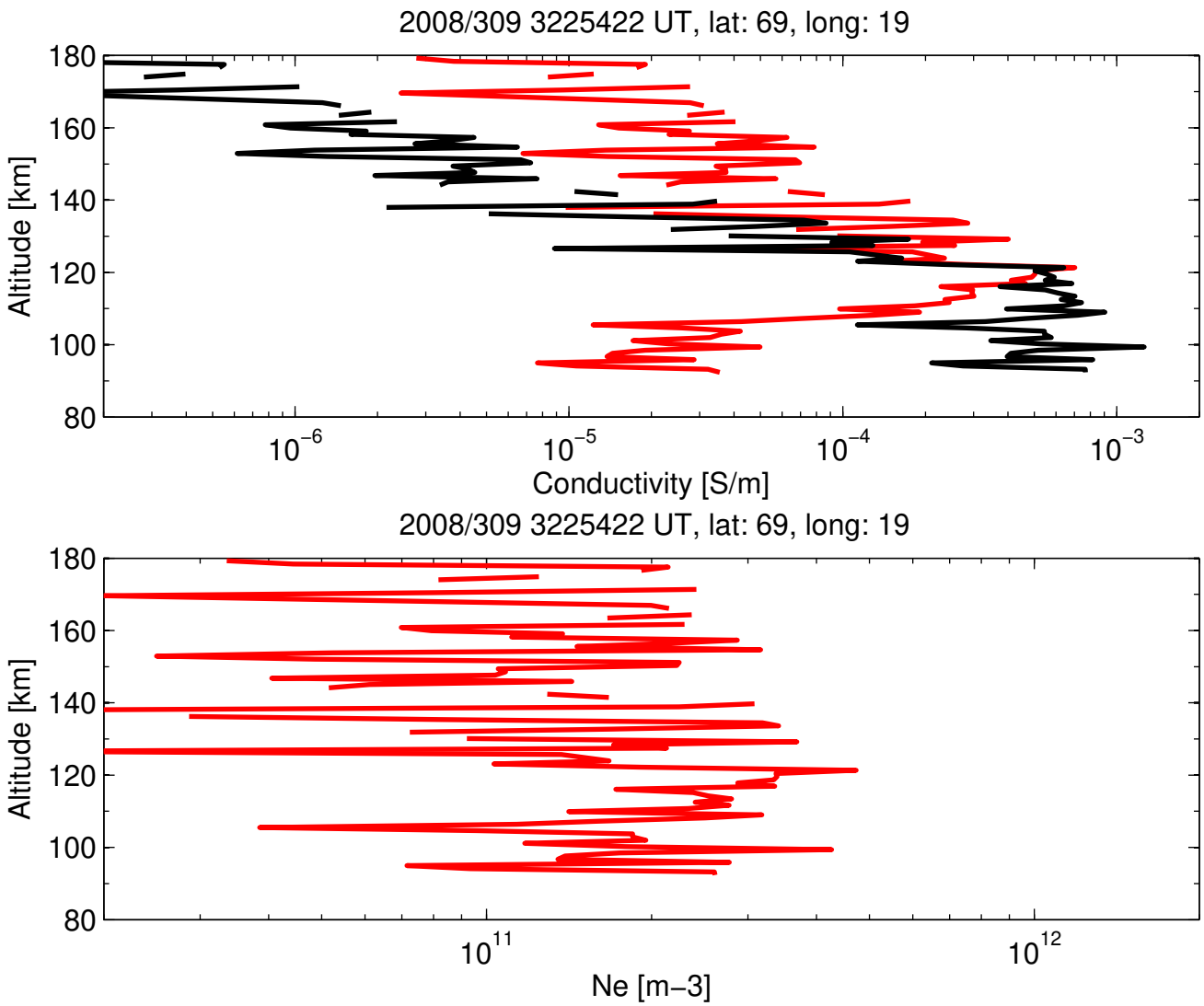
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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120
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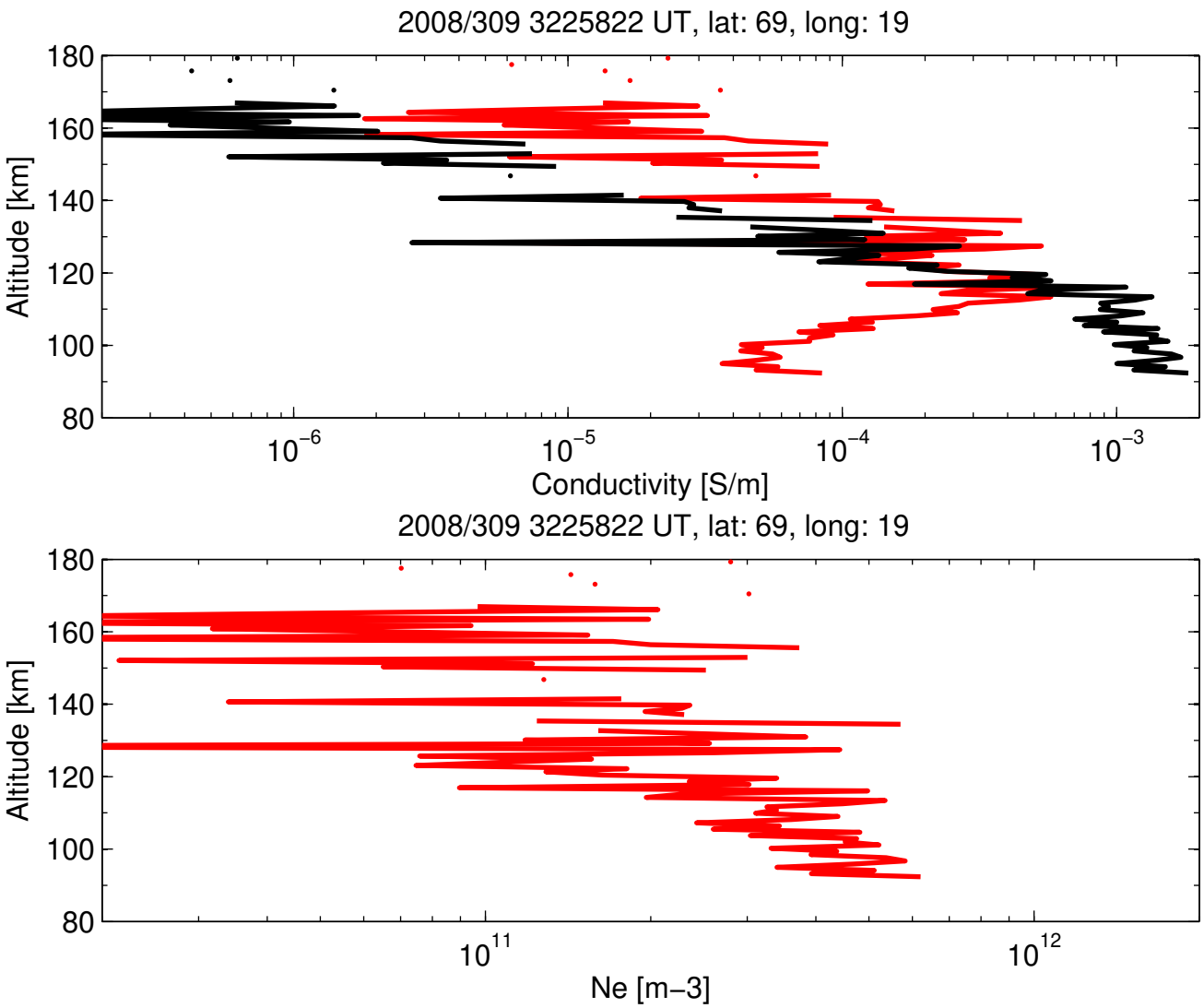
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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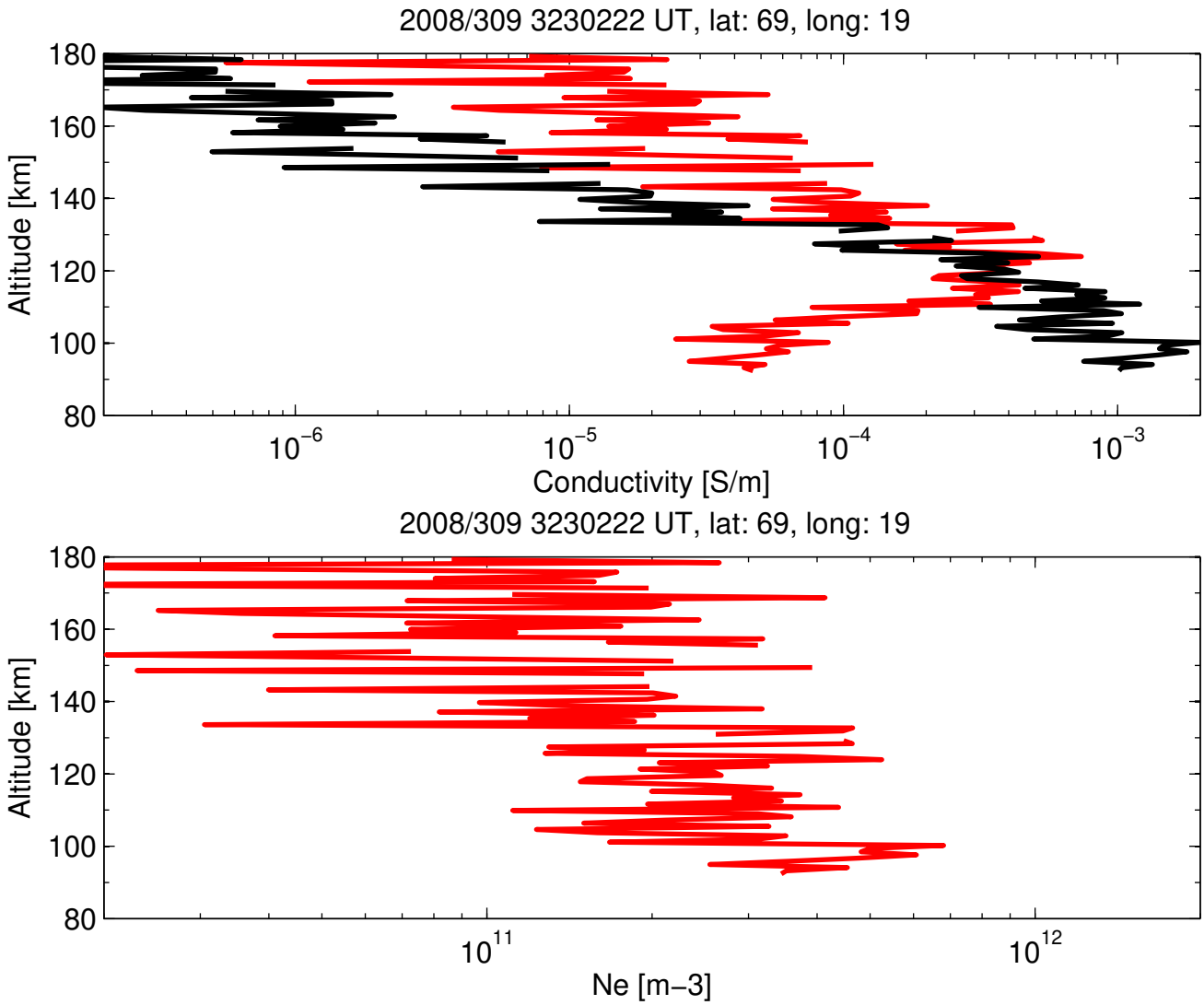
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3230222 UT, lat: 69, long: 19
Altitude [km]
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140
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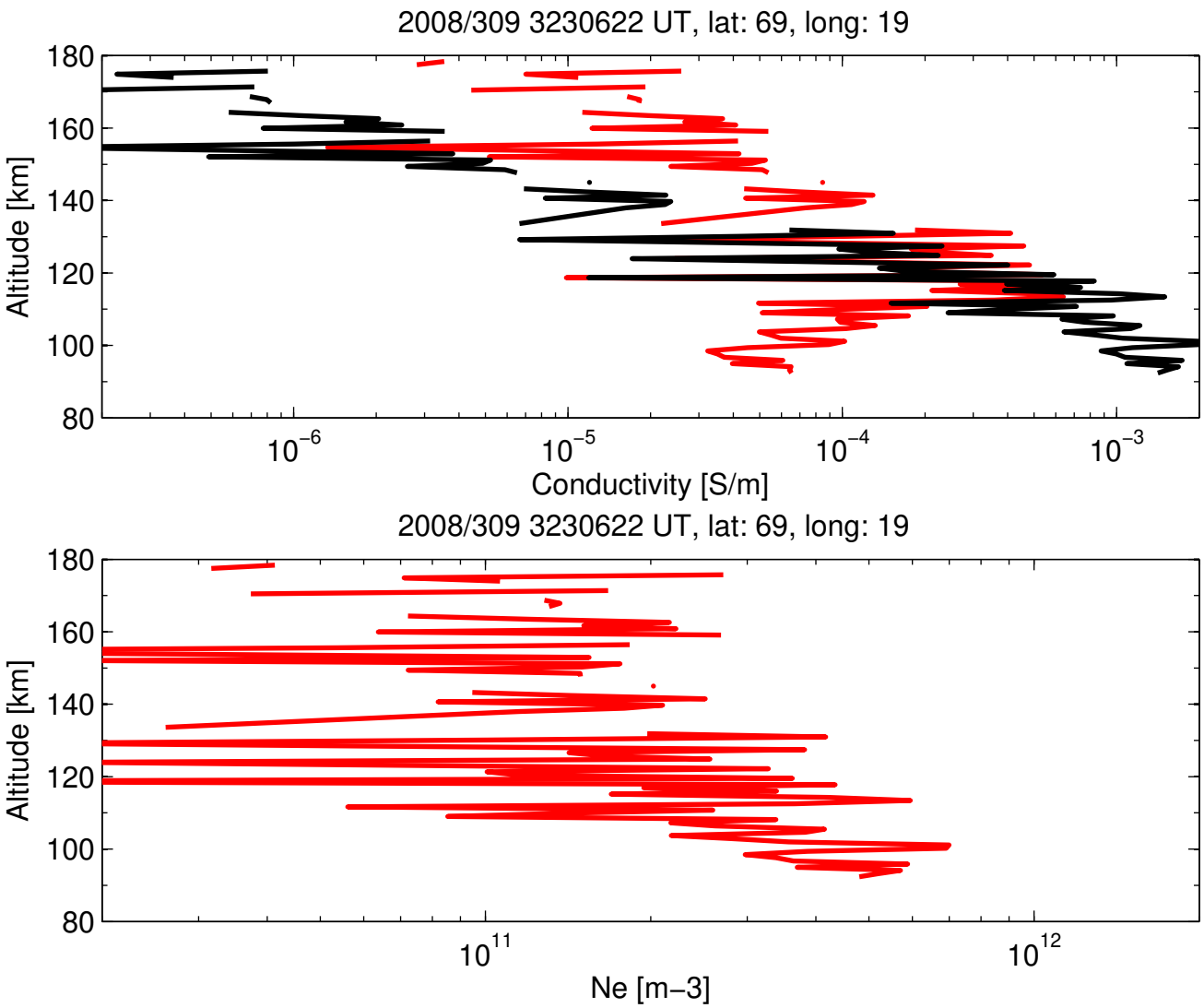
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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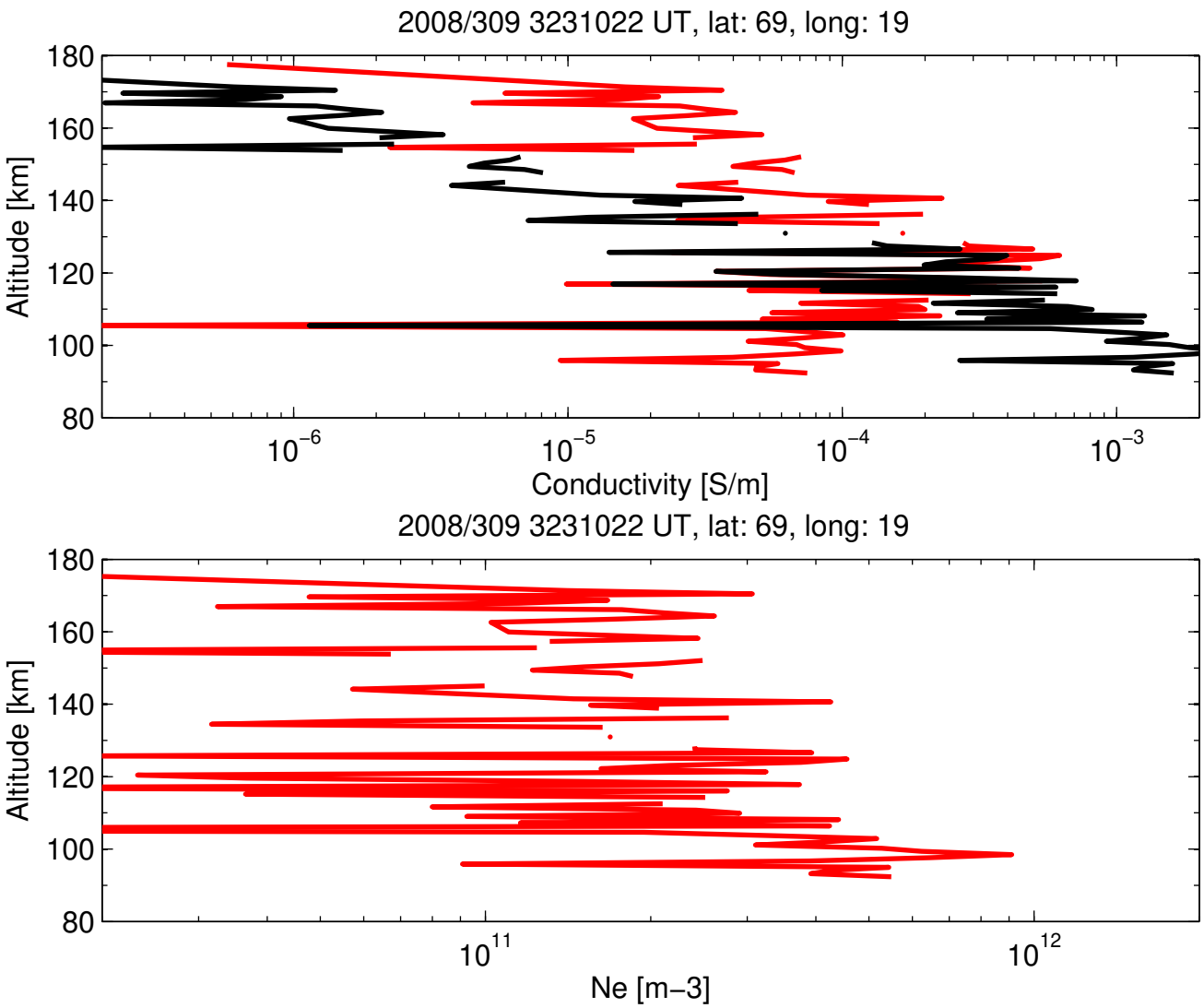
10^{12}
Ne [m−3]


2008/309 3231022 UT, lat: 69, long: 19
Altitude [km]
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120
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80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3231022 UT, lat: 69, long: 19
Altitude [km]
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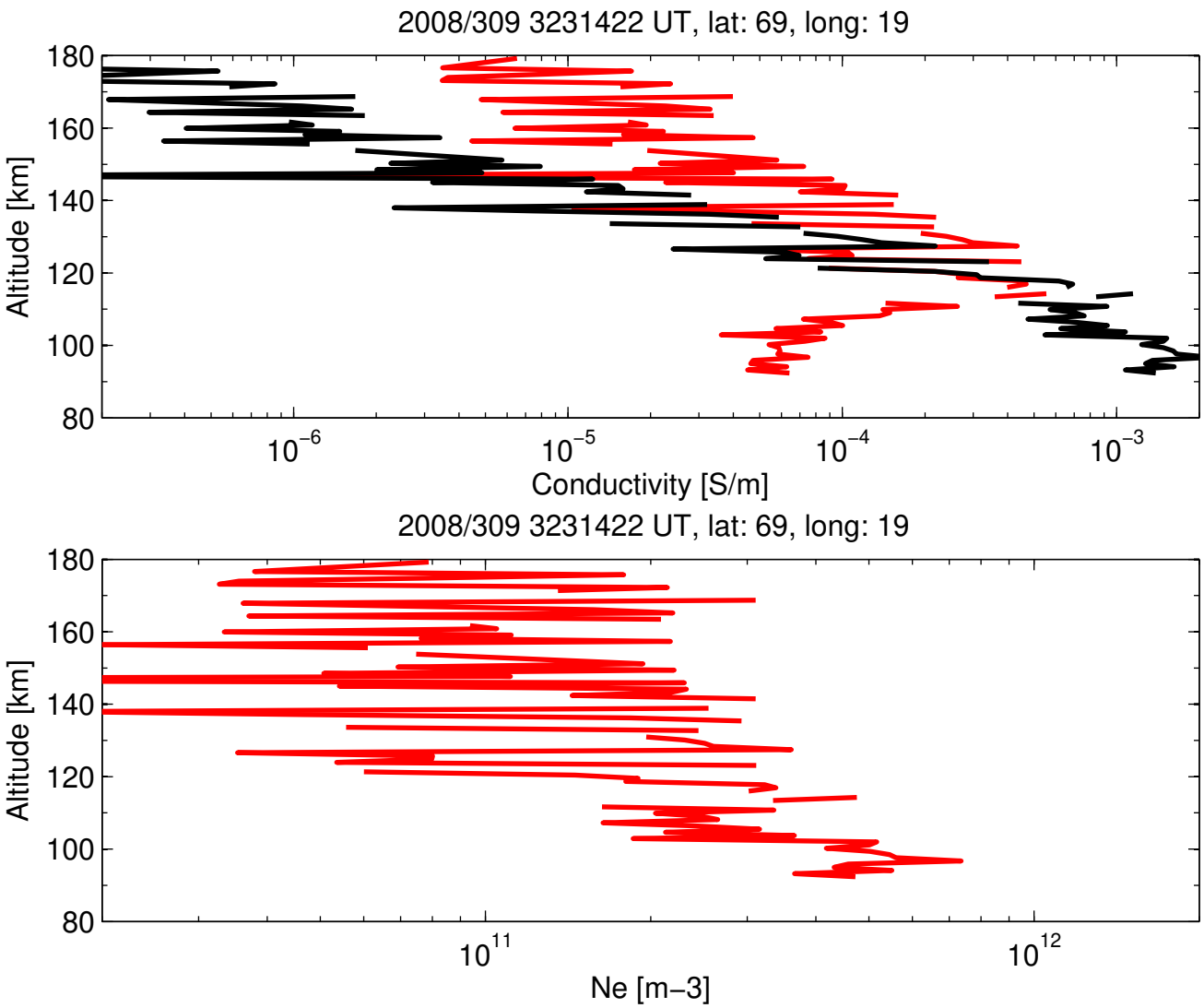
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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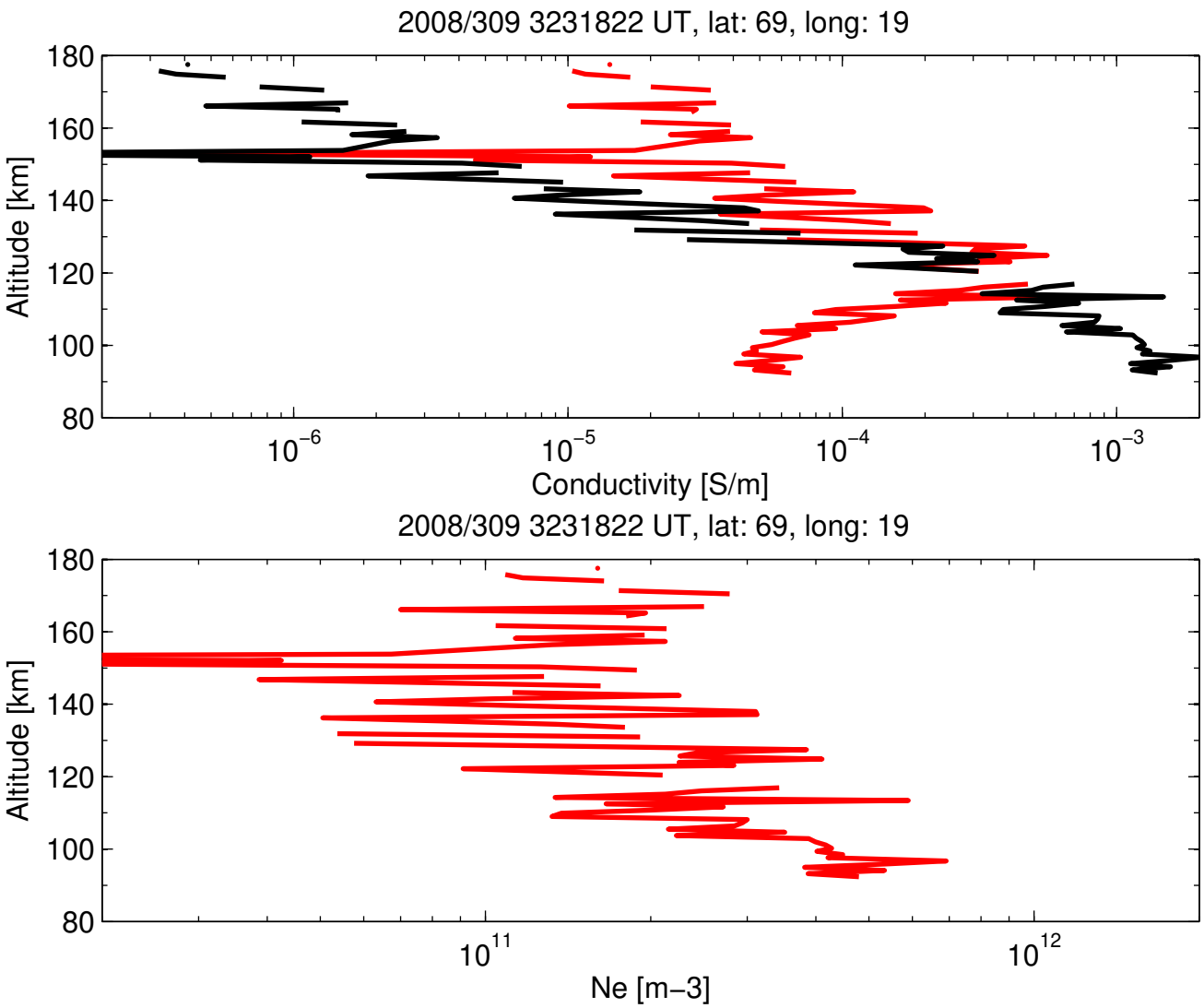
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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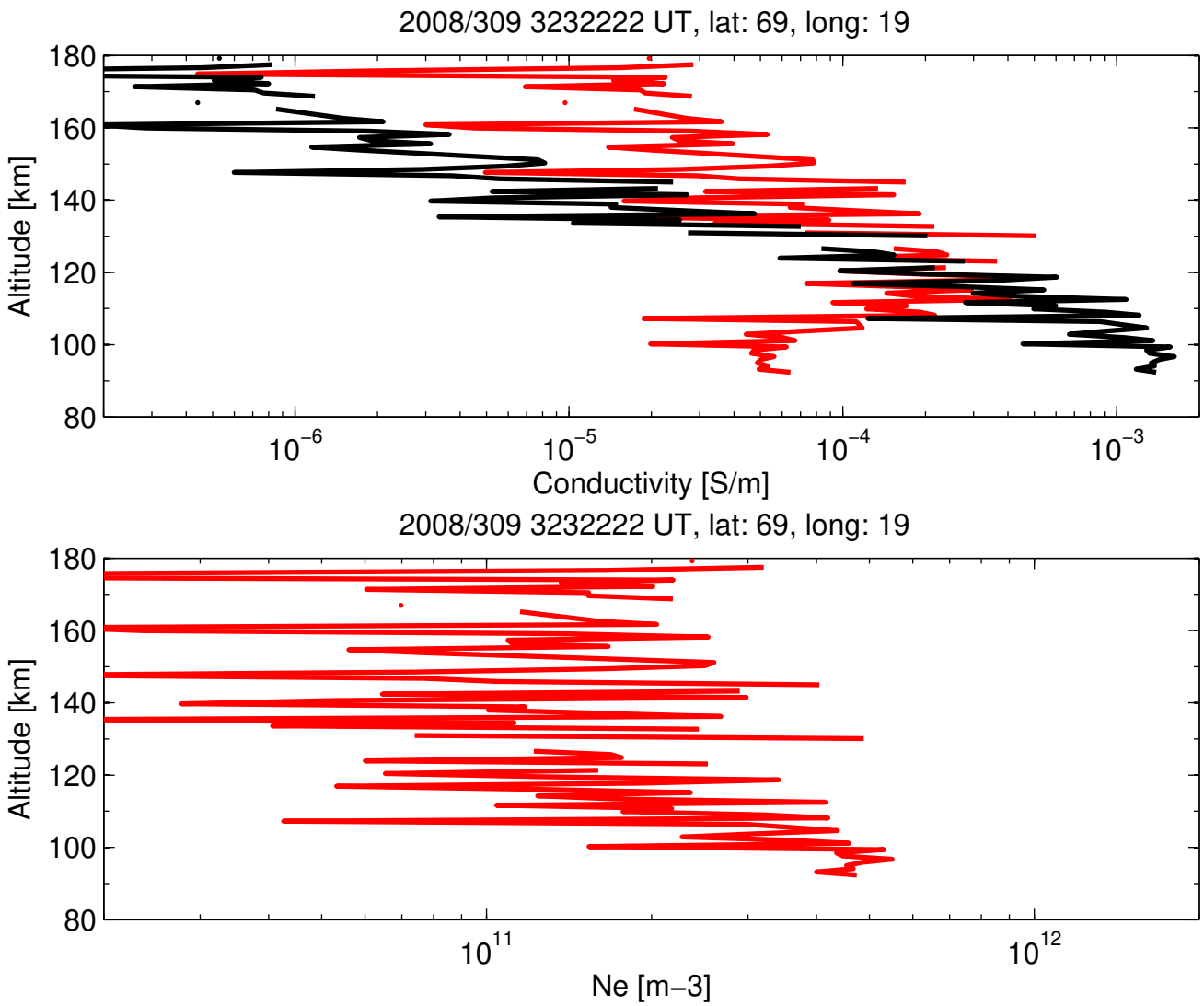
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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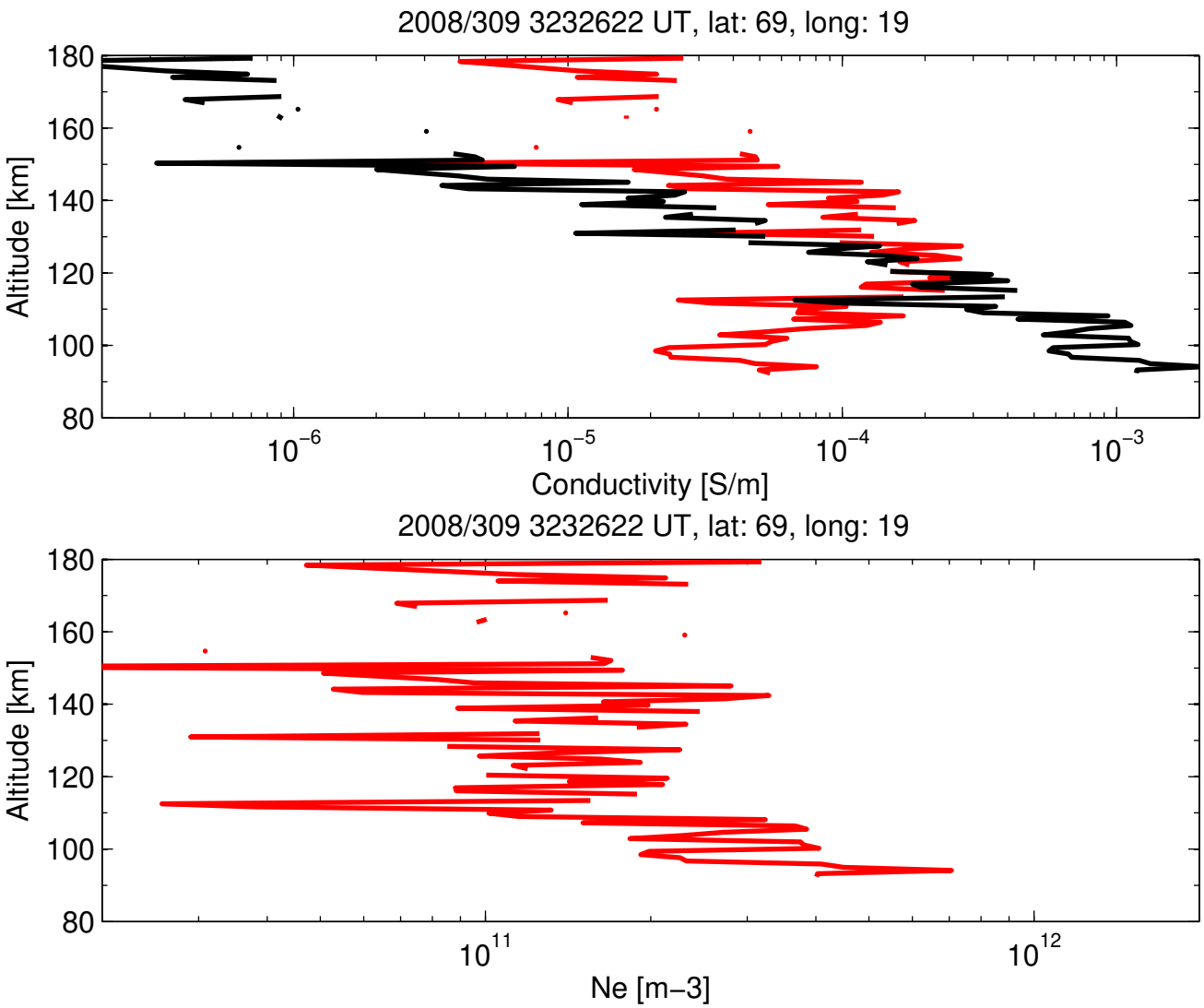
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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100
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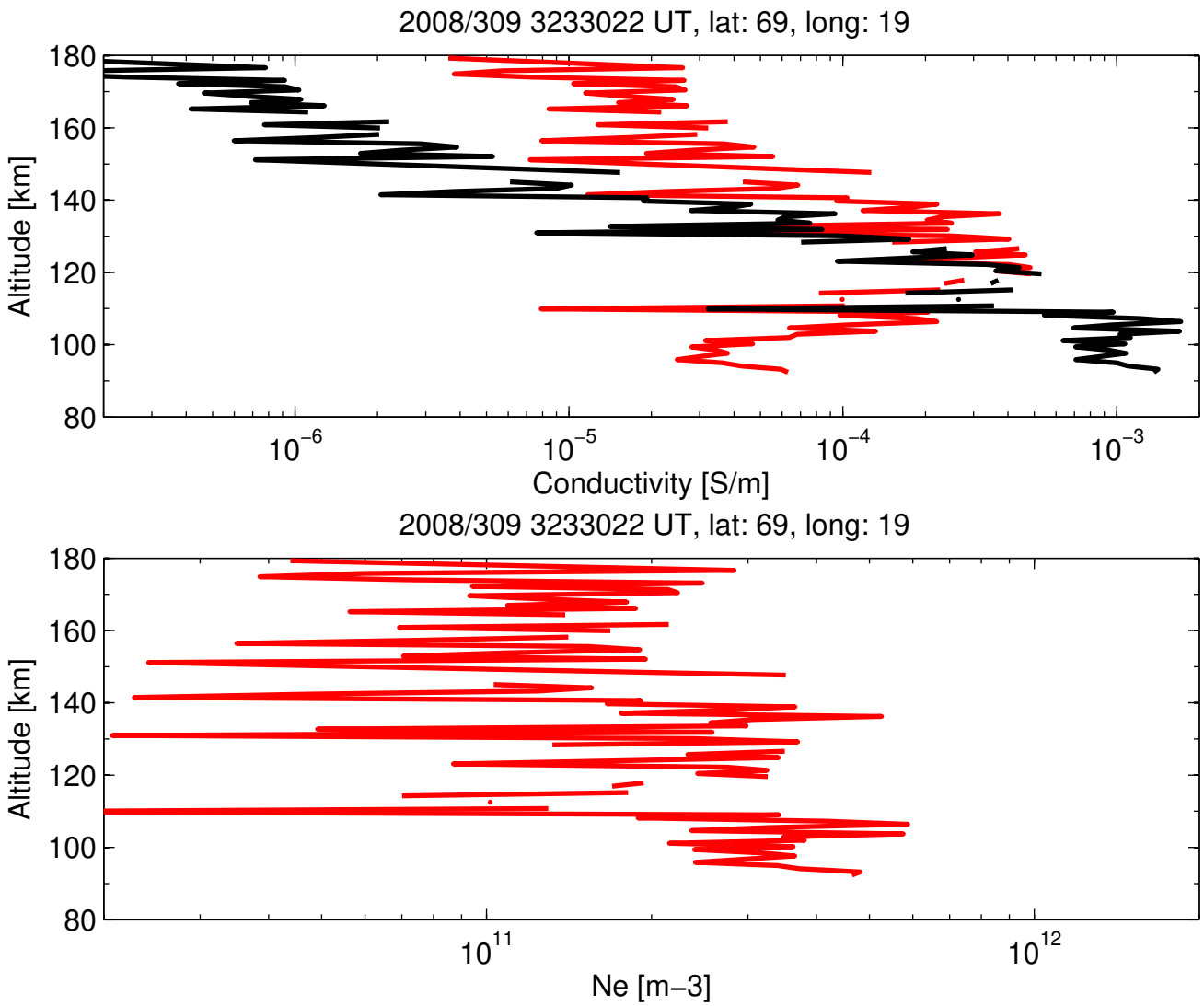
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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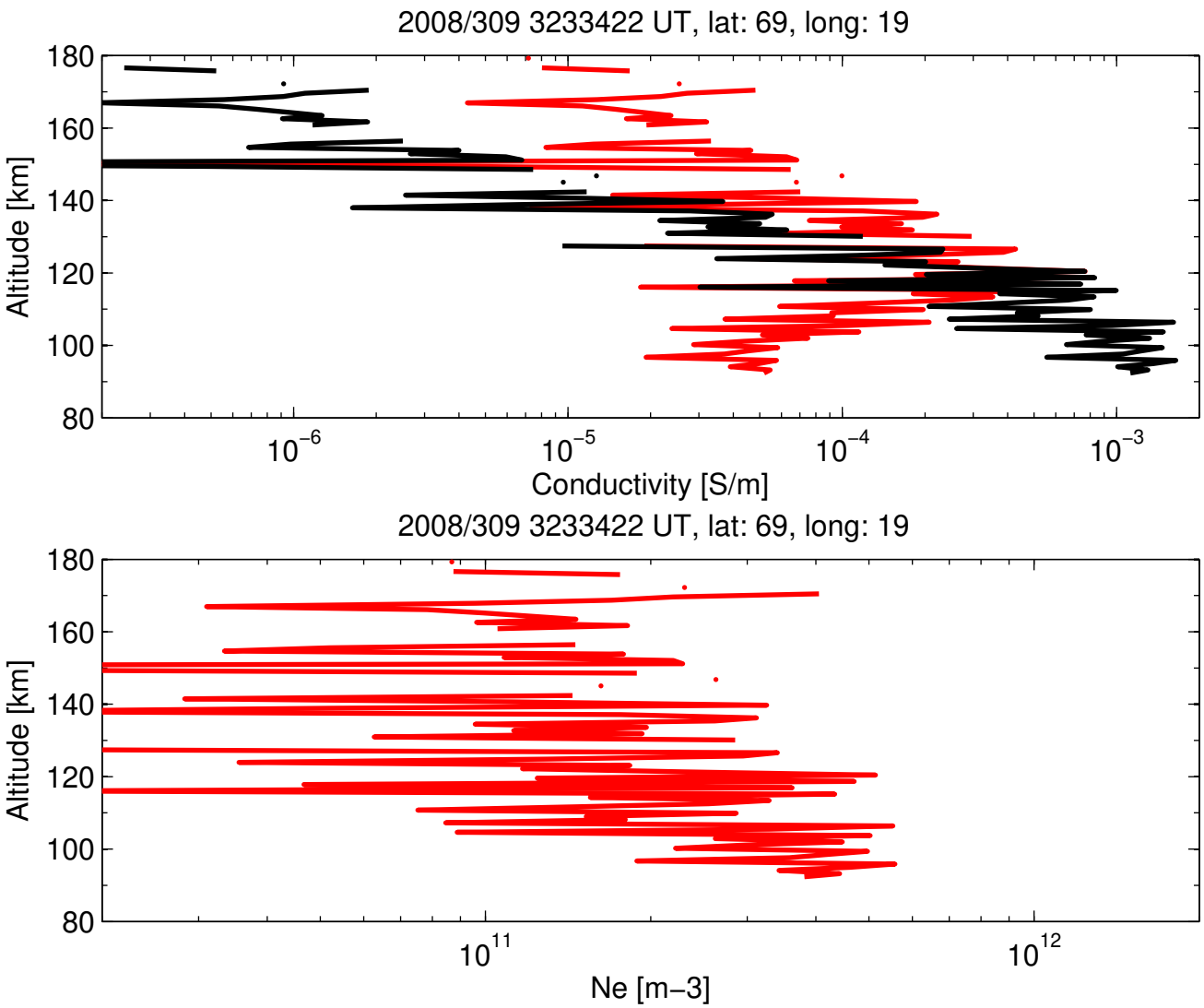
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3233422 UT, lat: 69, long: 19
Altitude [km]
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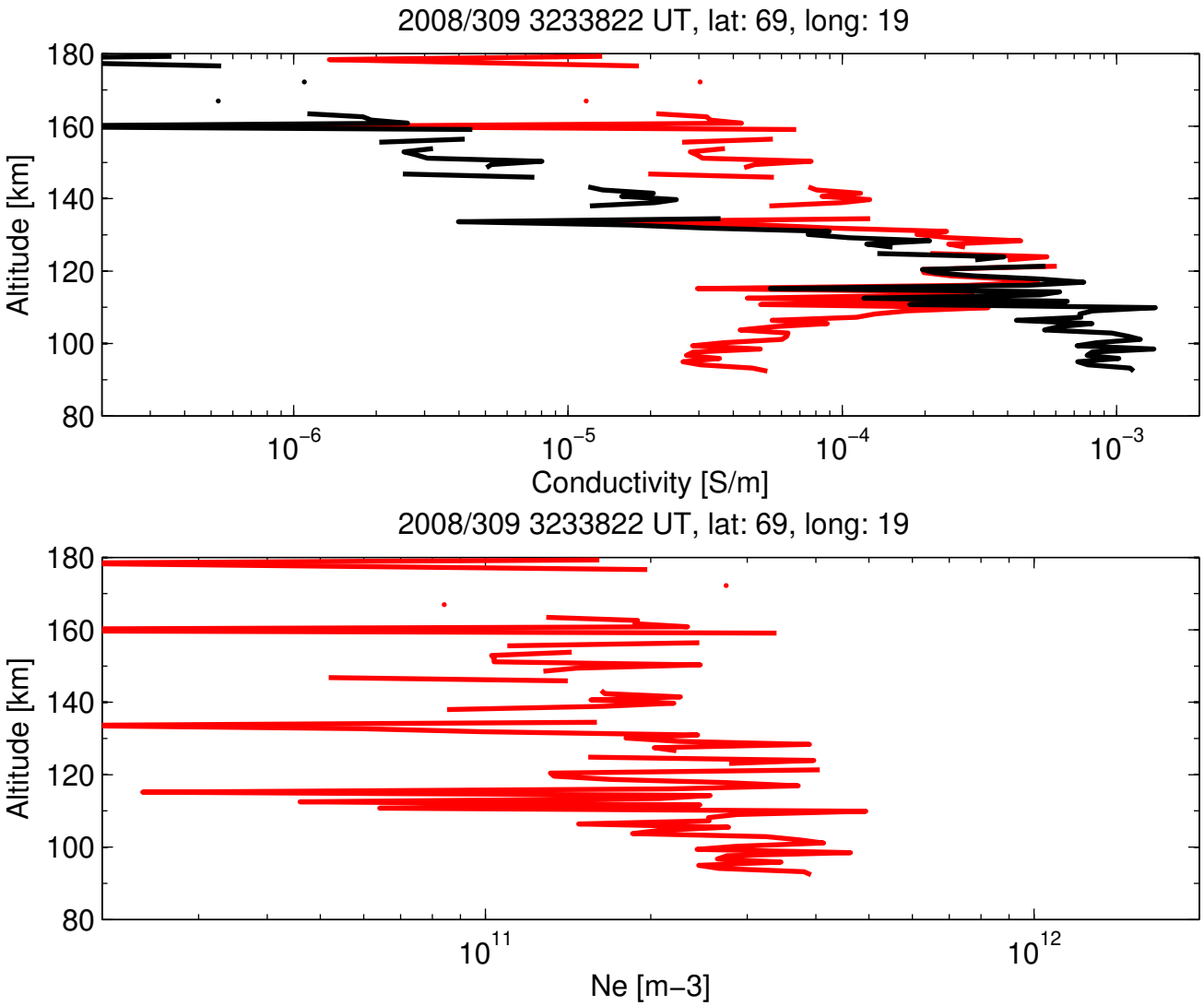
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3233822 UT, lat: 69, long: 19
Altitude [km]
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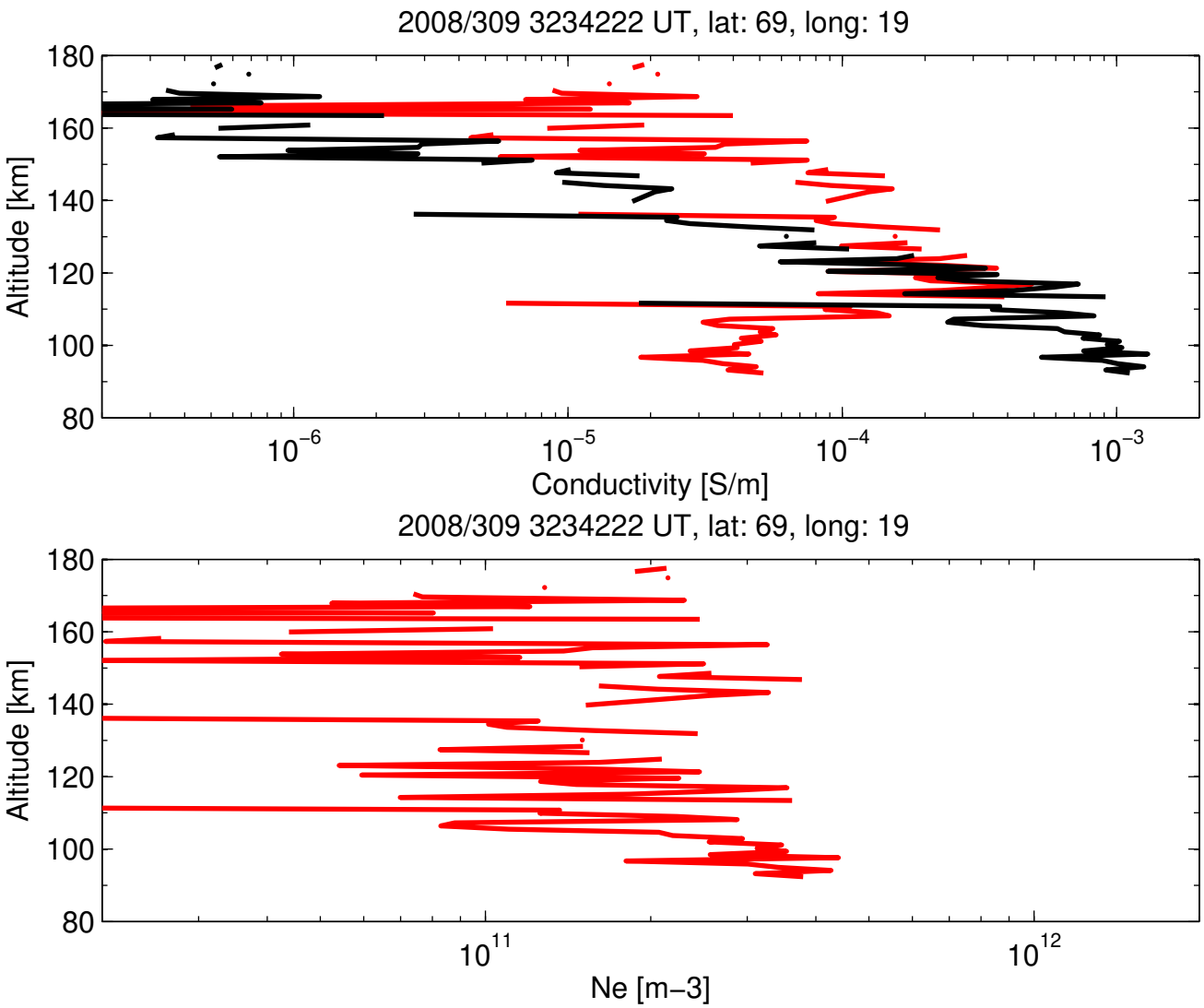
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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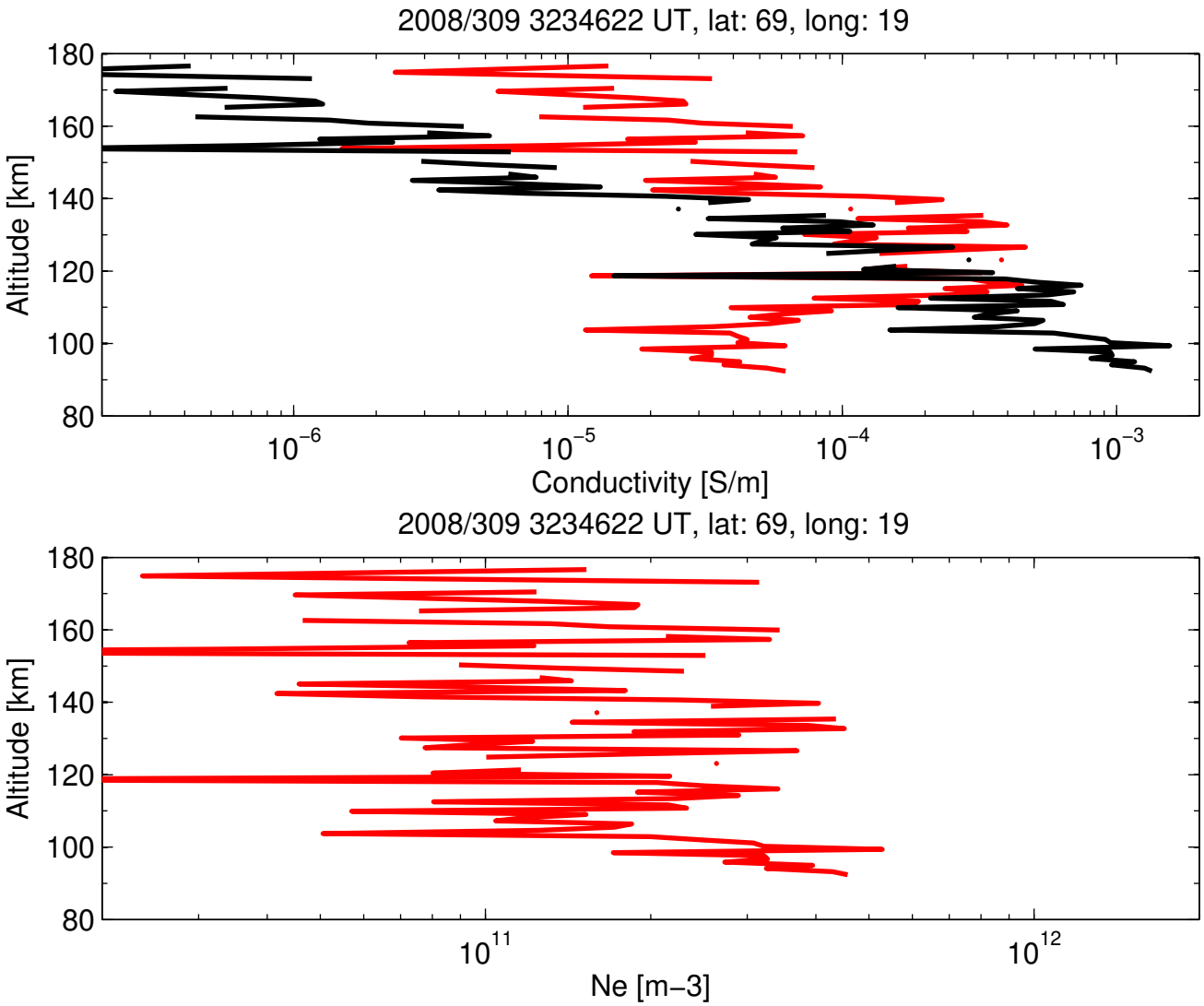
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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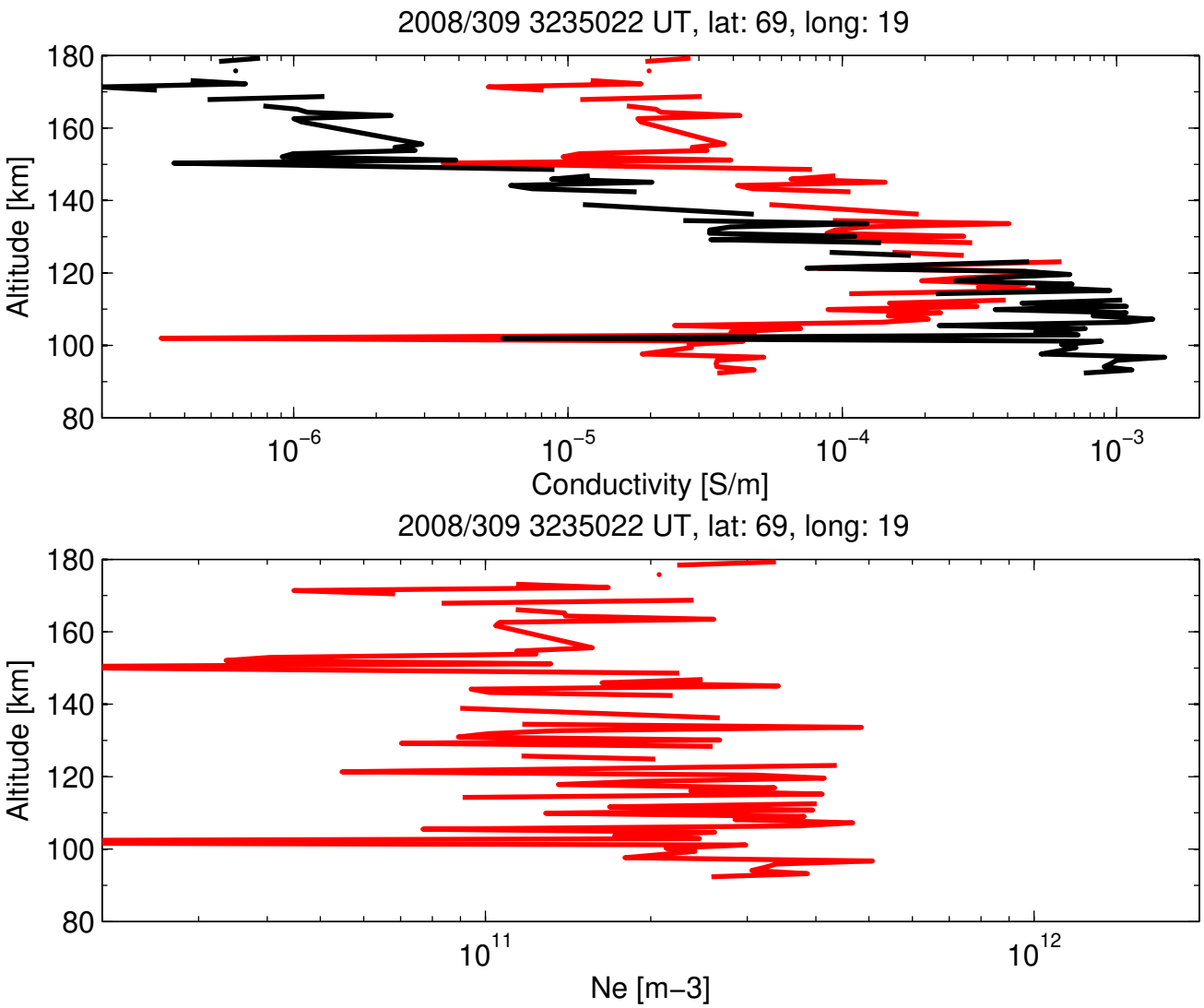
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3235022 UT, lat: 69, long: 19
Altitude [km]
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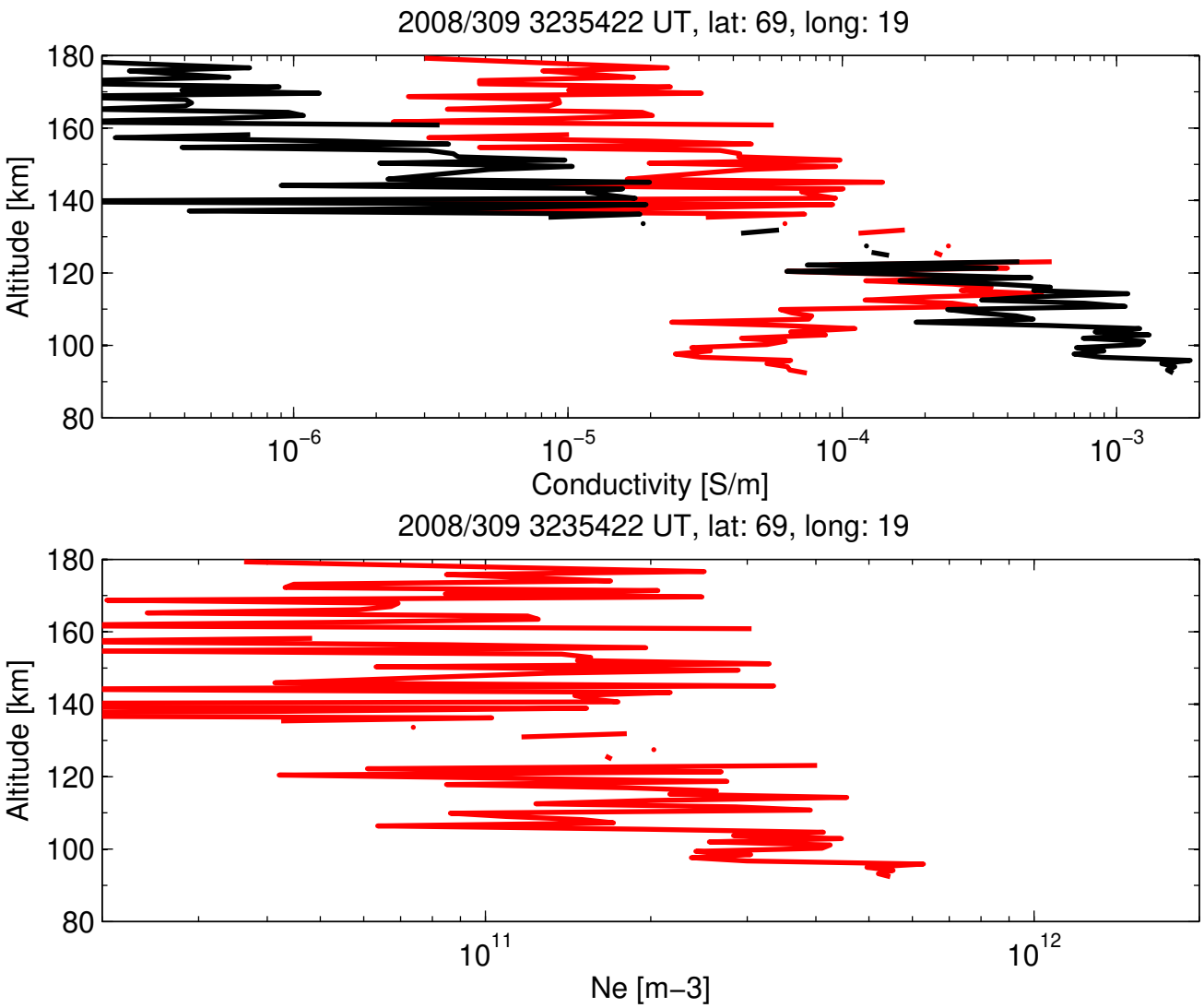
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3235422 UT, lat: 69, long: 19
Altitude [km]
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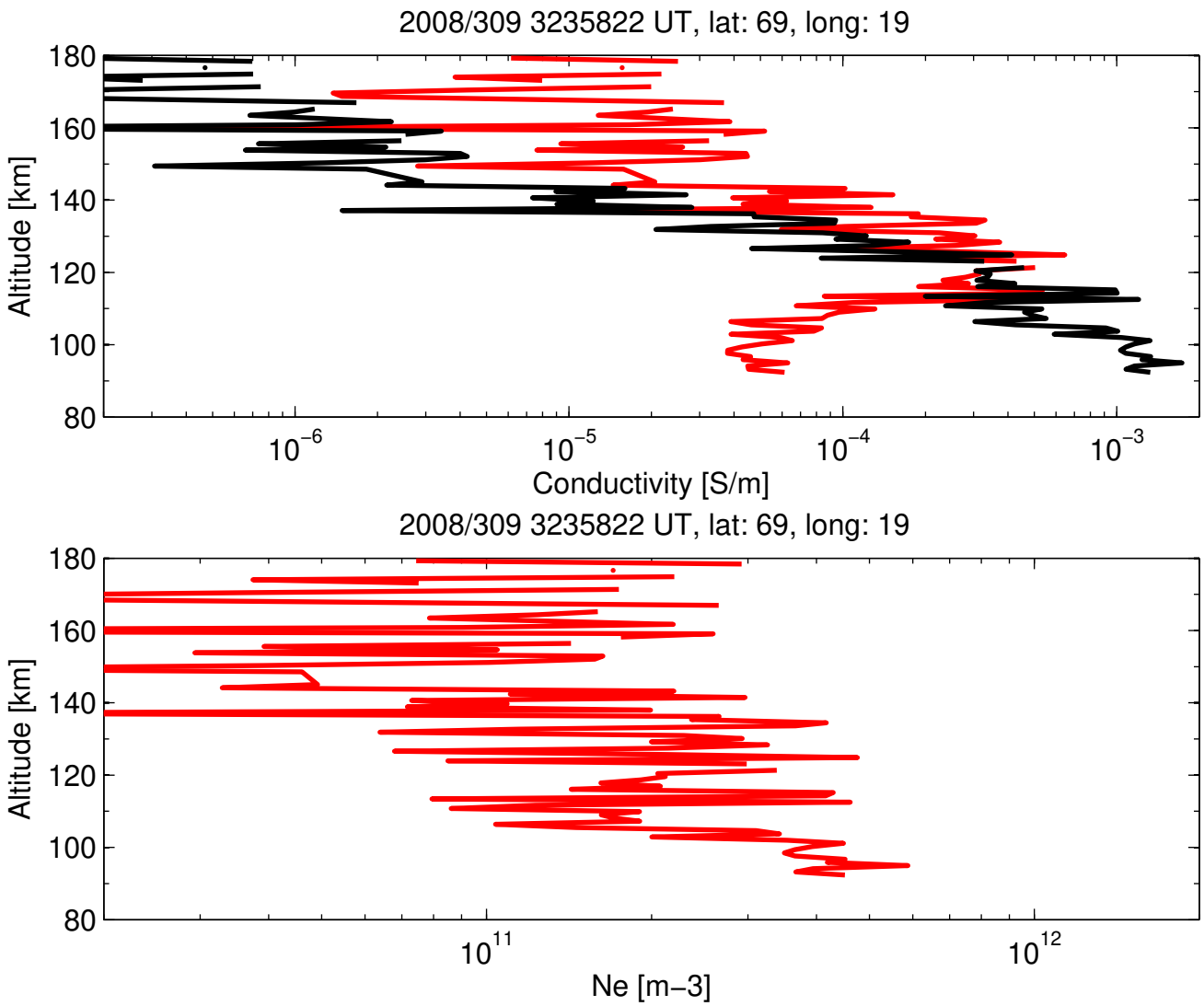
10^{12}
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
2008/309 3235822 UT, lat: 69, long: 19
Altitude [km]
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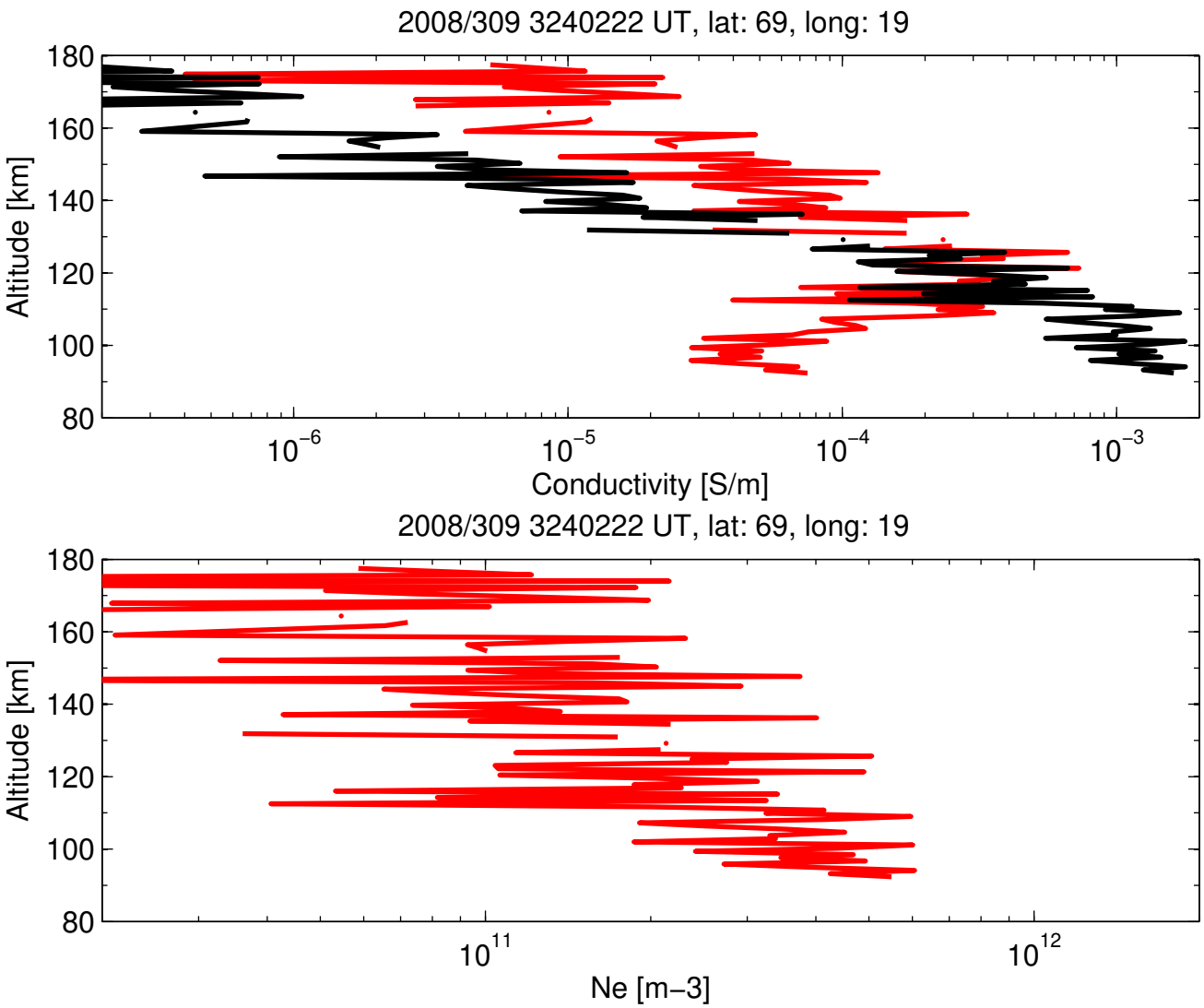
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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80
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10^{12}
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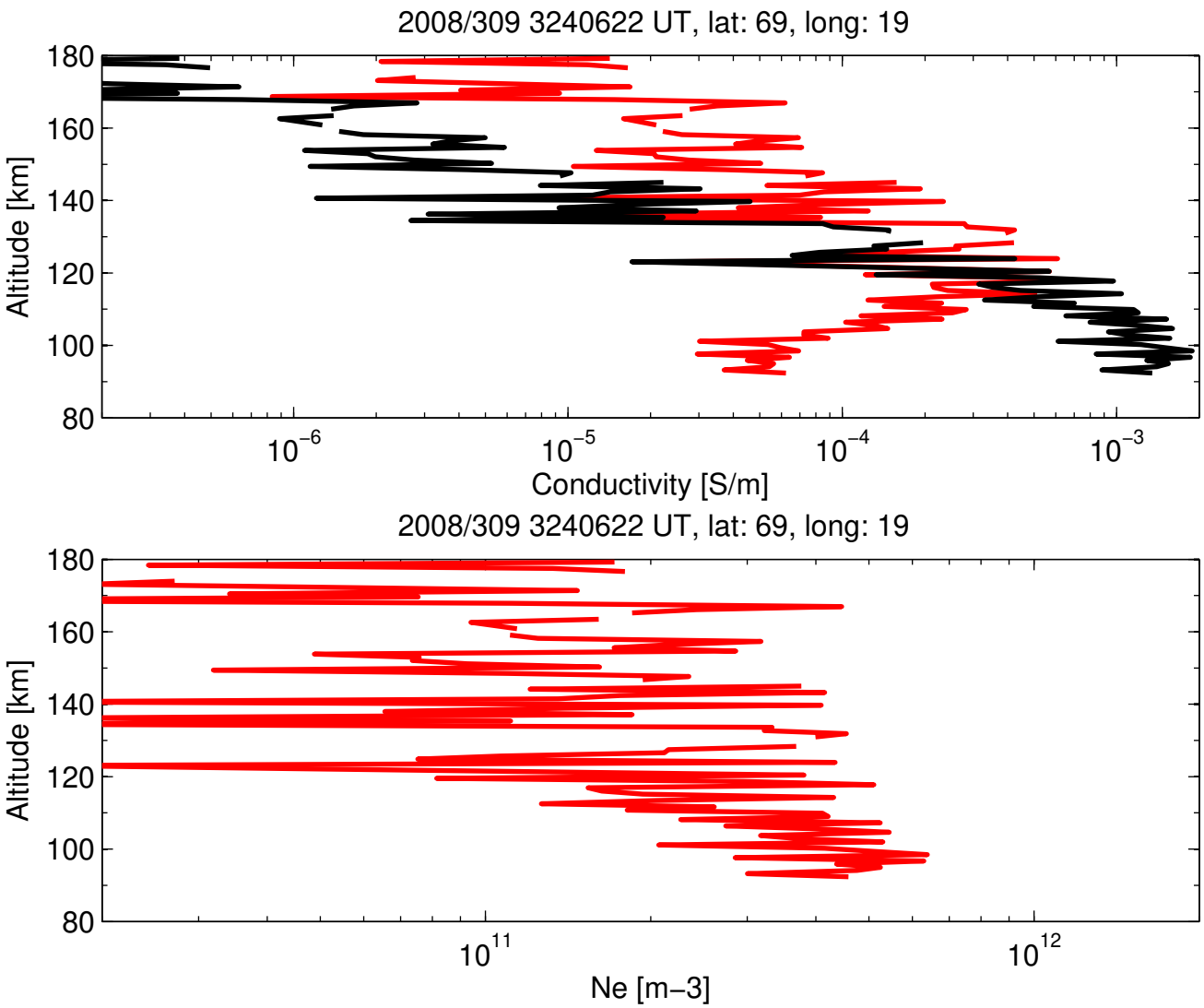
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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100
80
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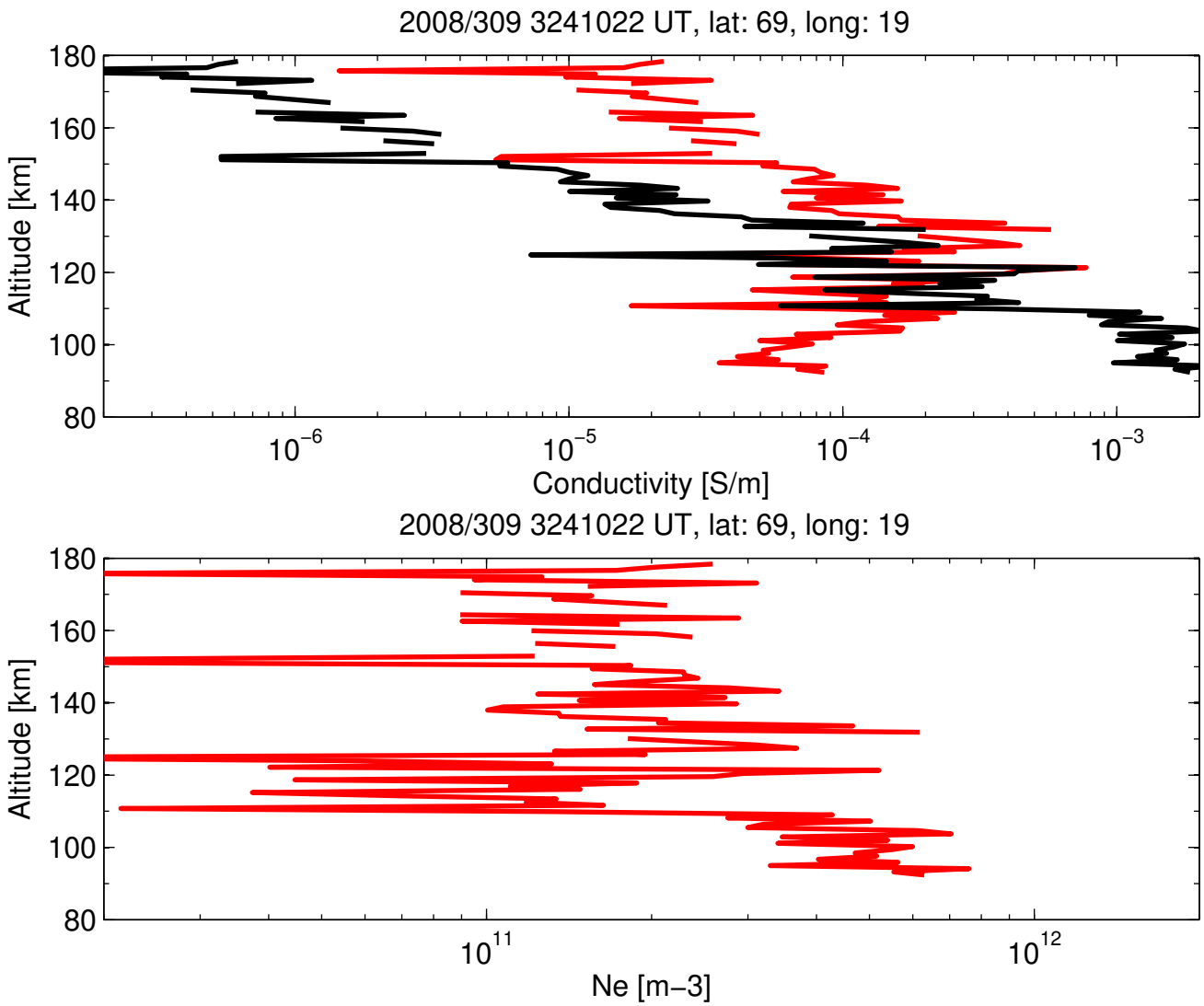
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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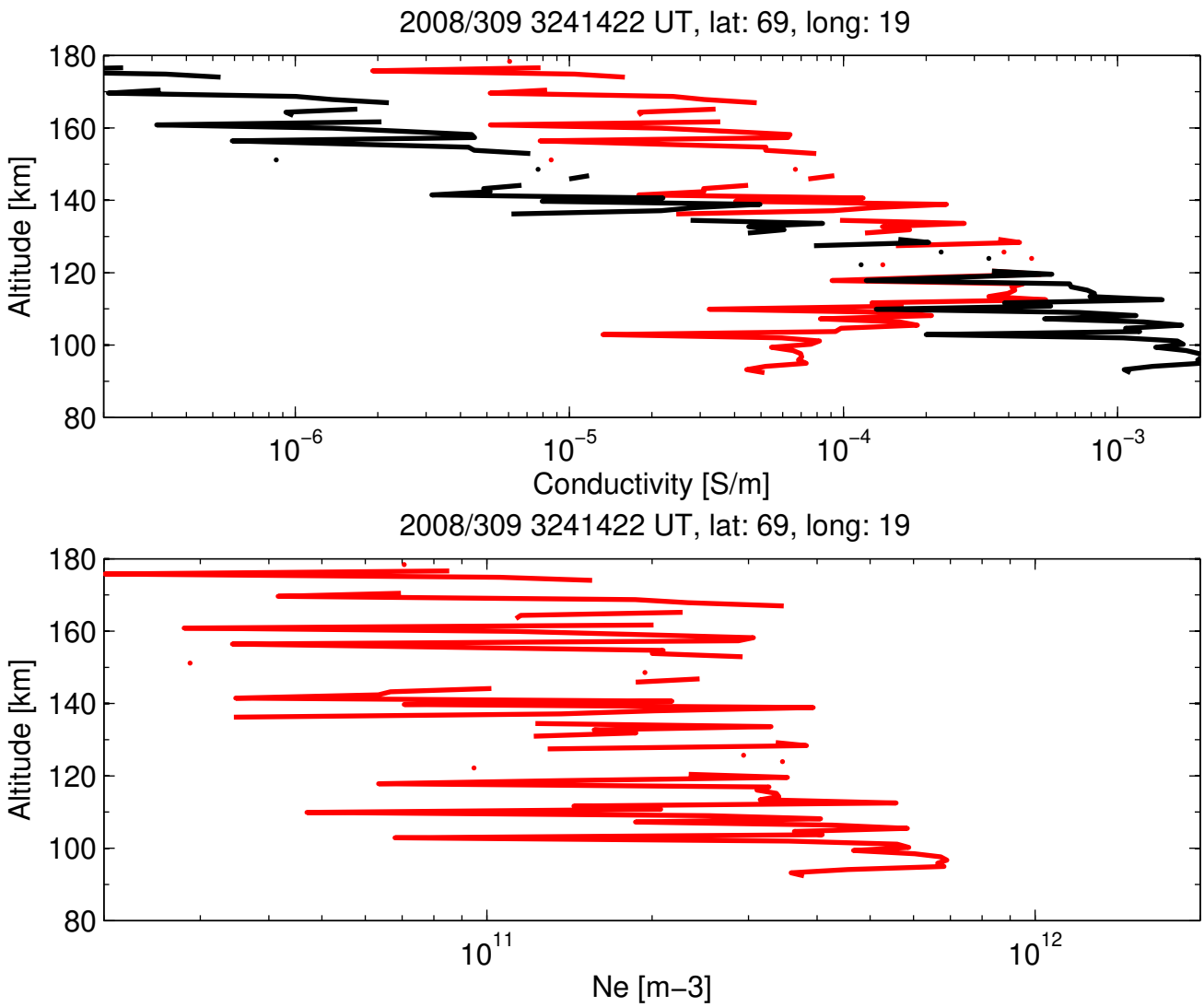
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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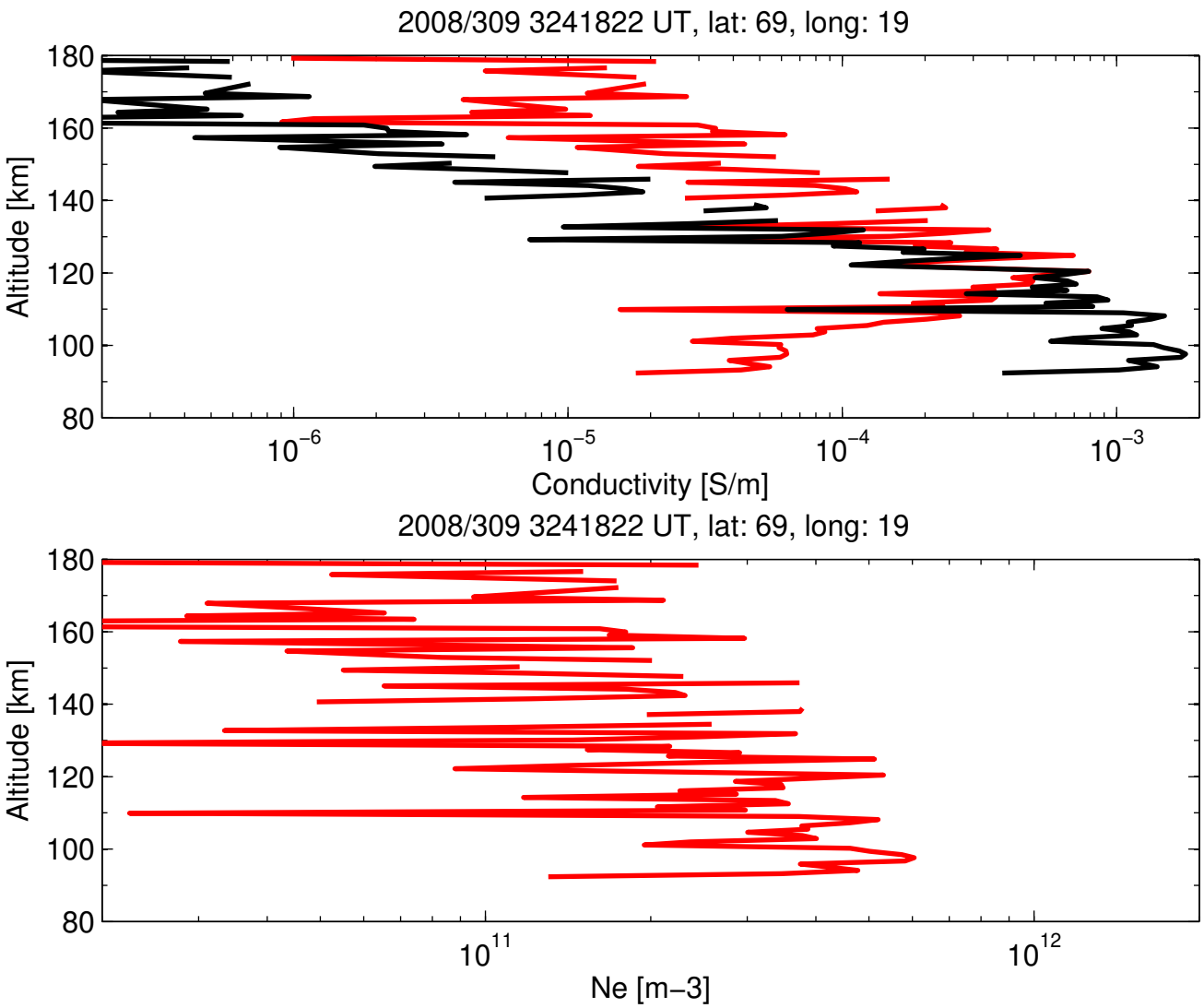
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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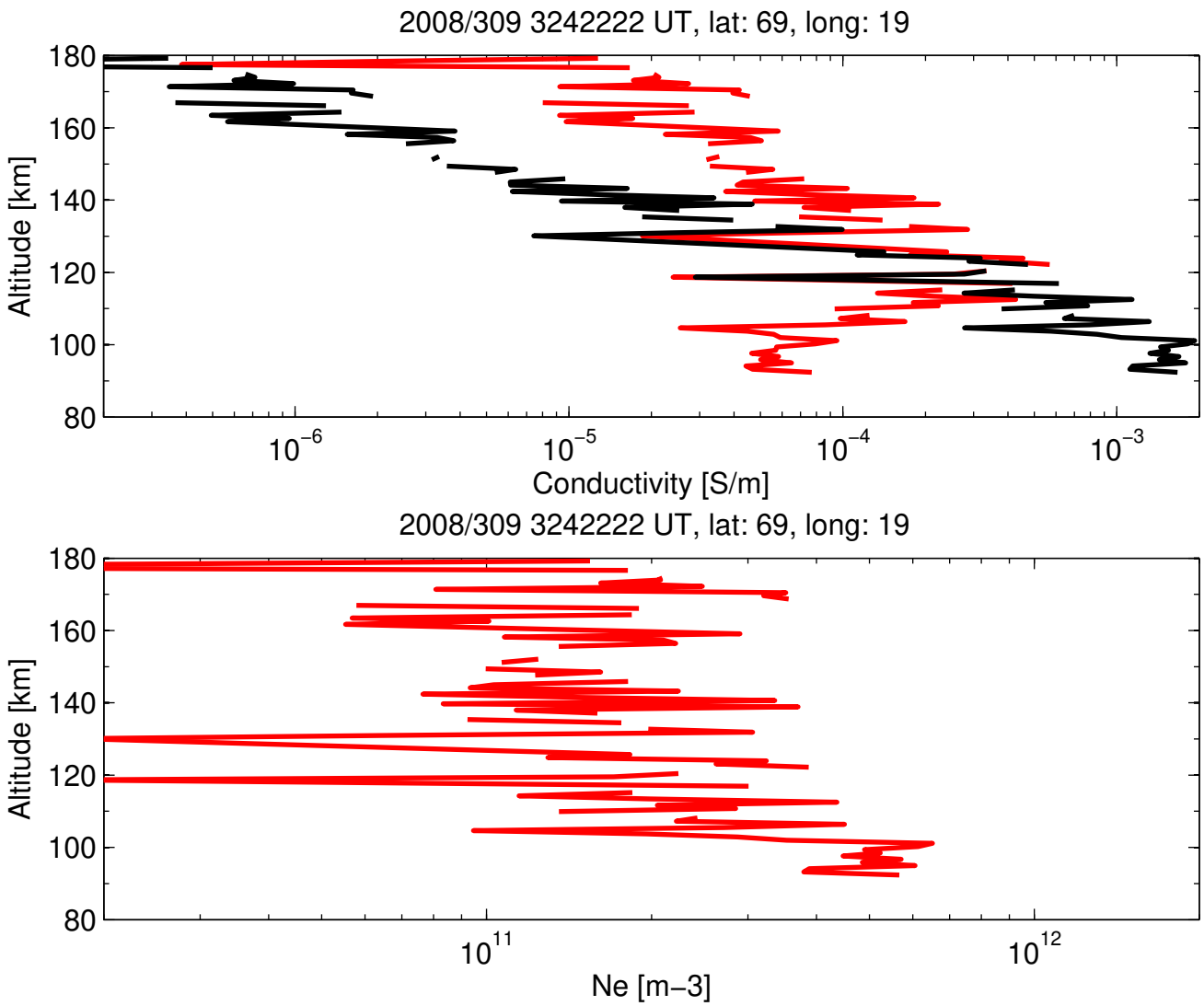
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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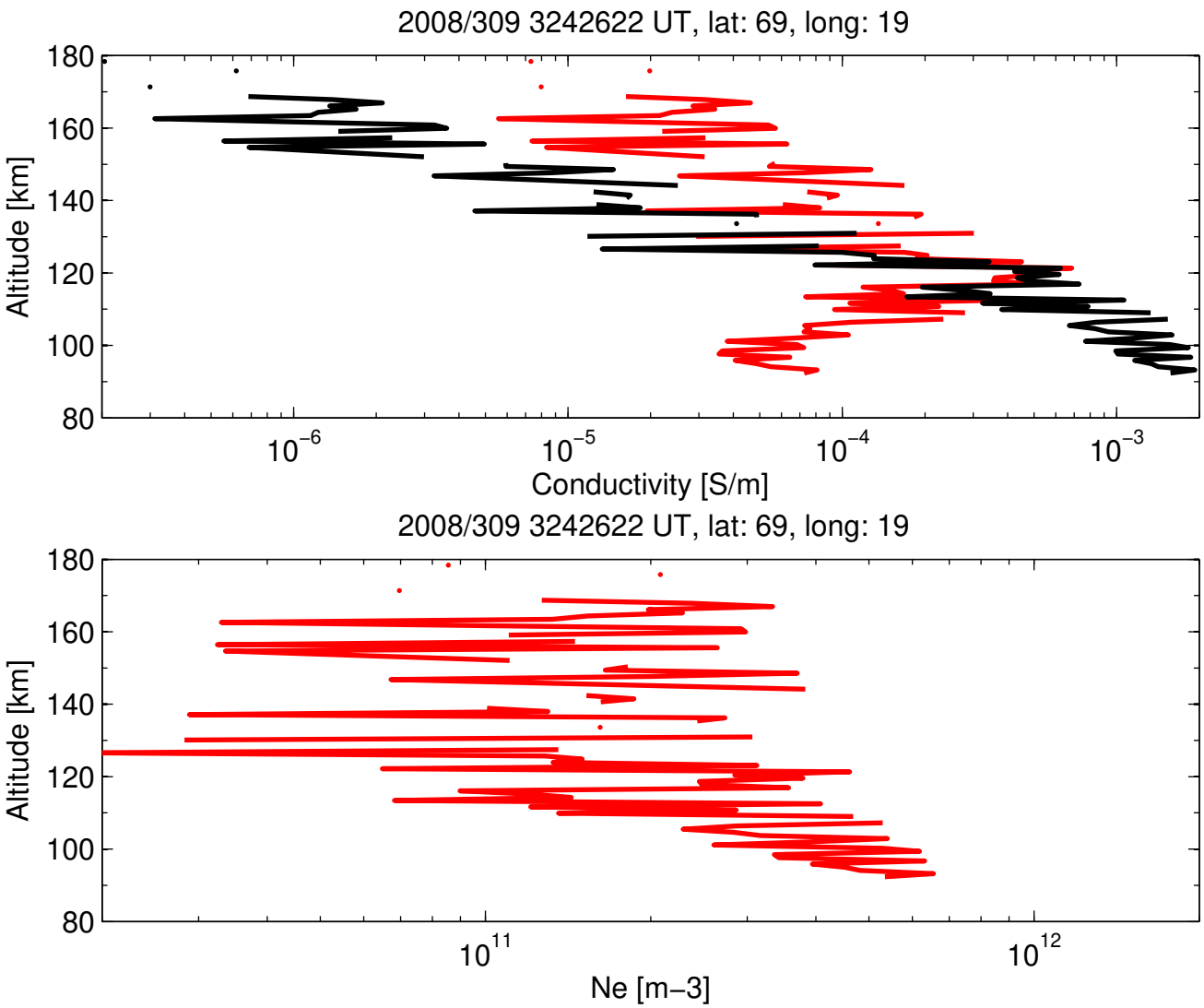
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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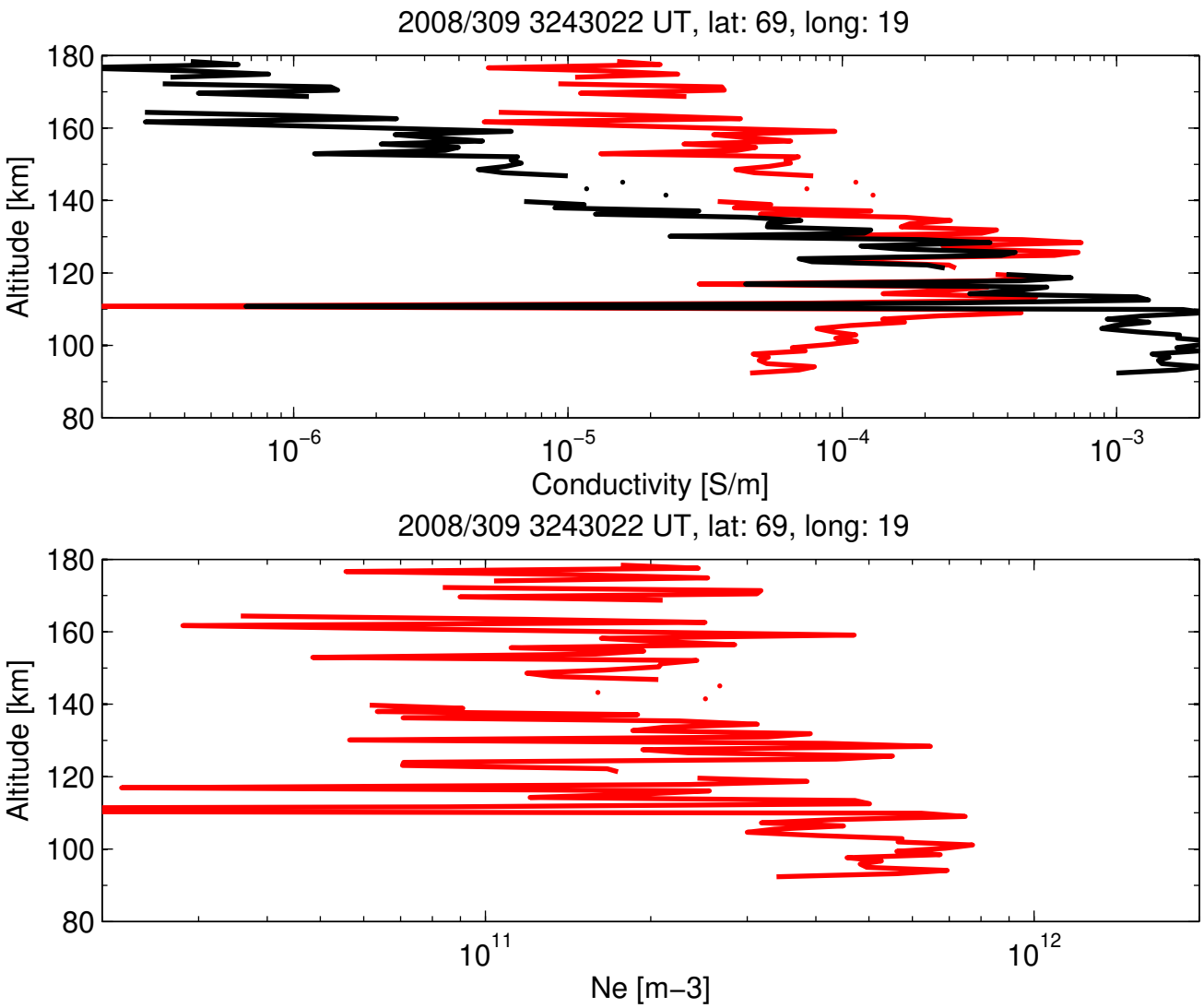
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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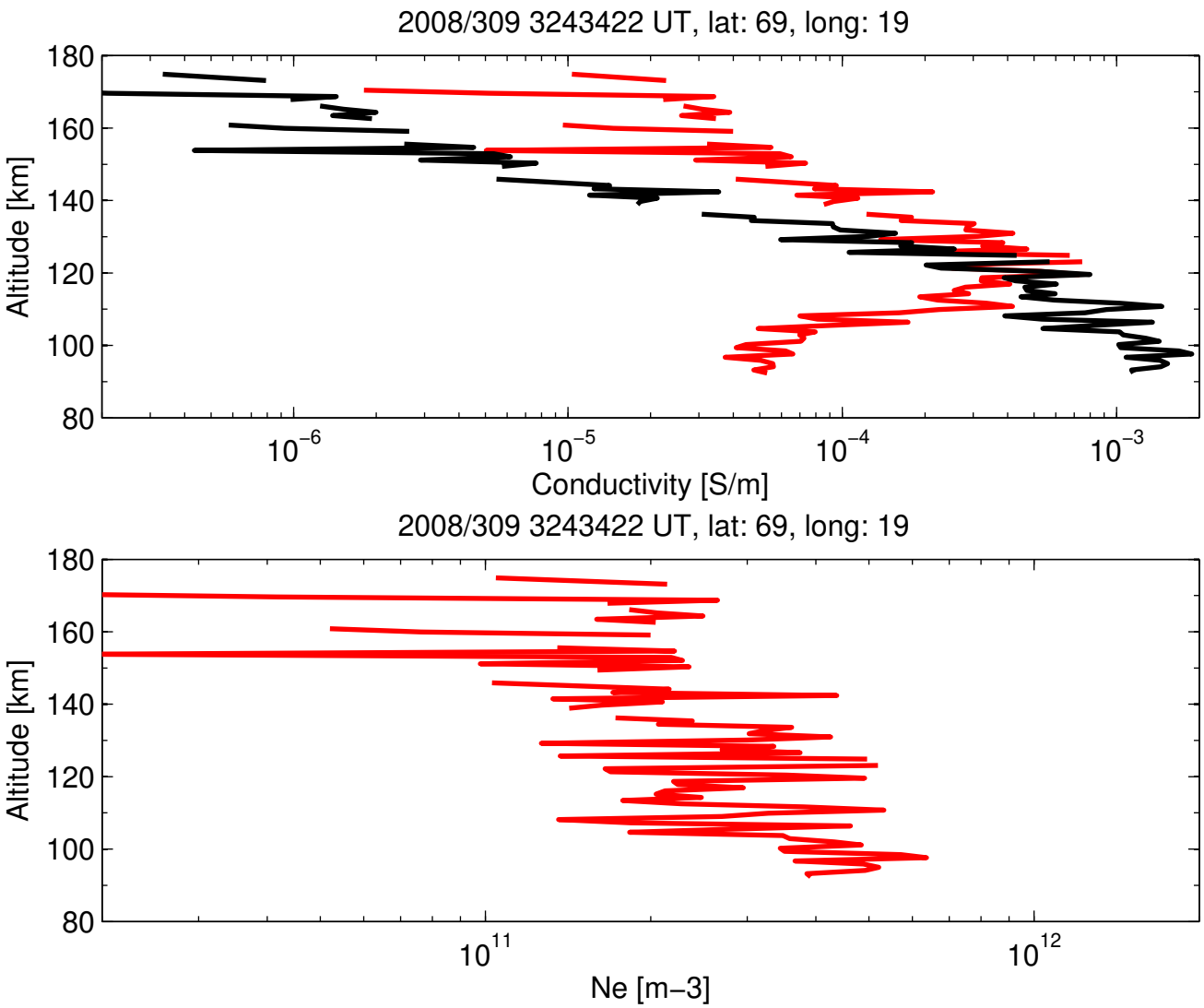
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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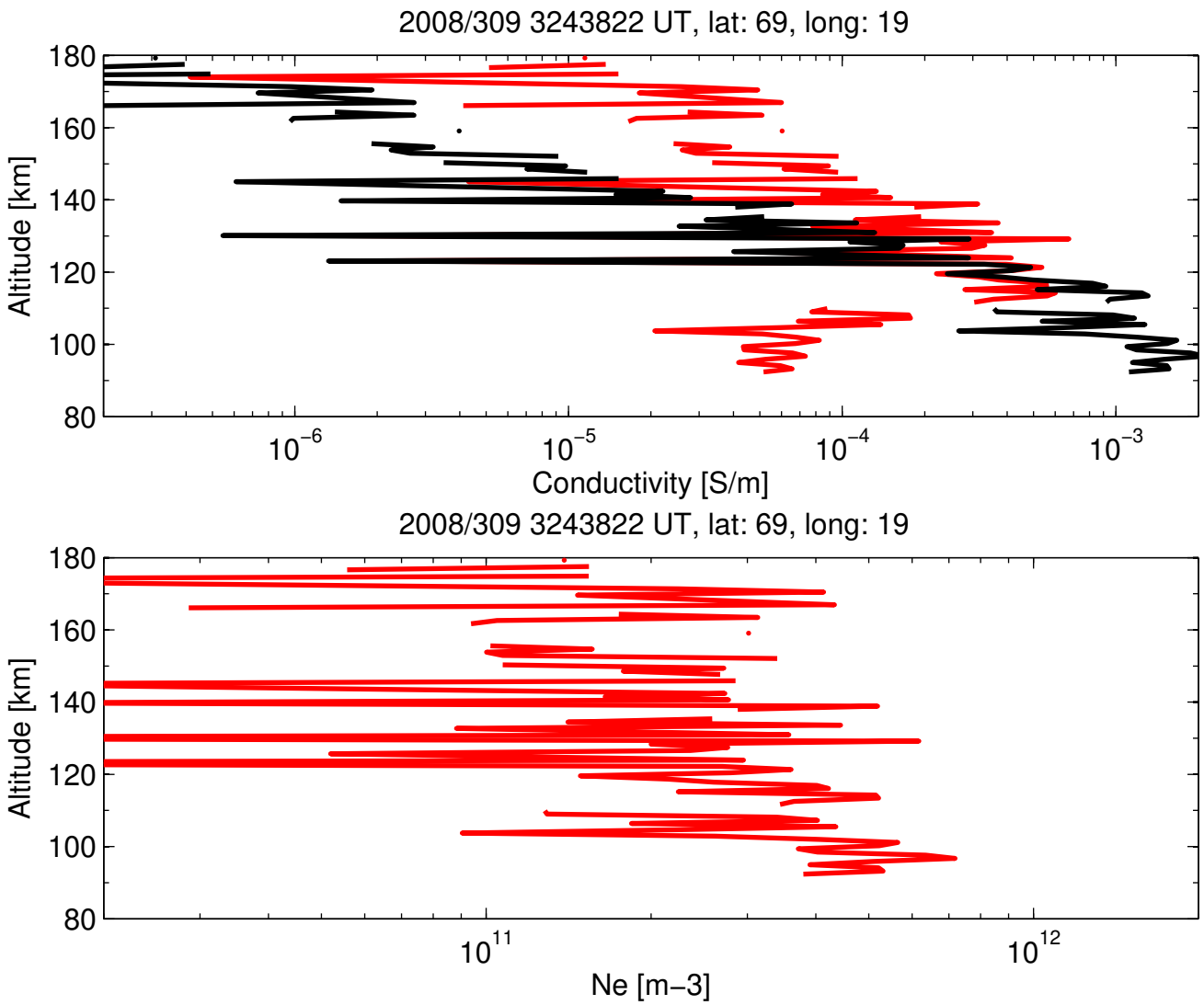
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3243822 UT, lat: 69, long: 19
Altitude [km]
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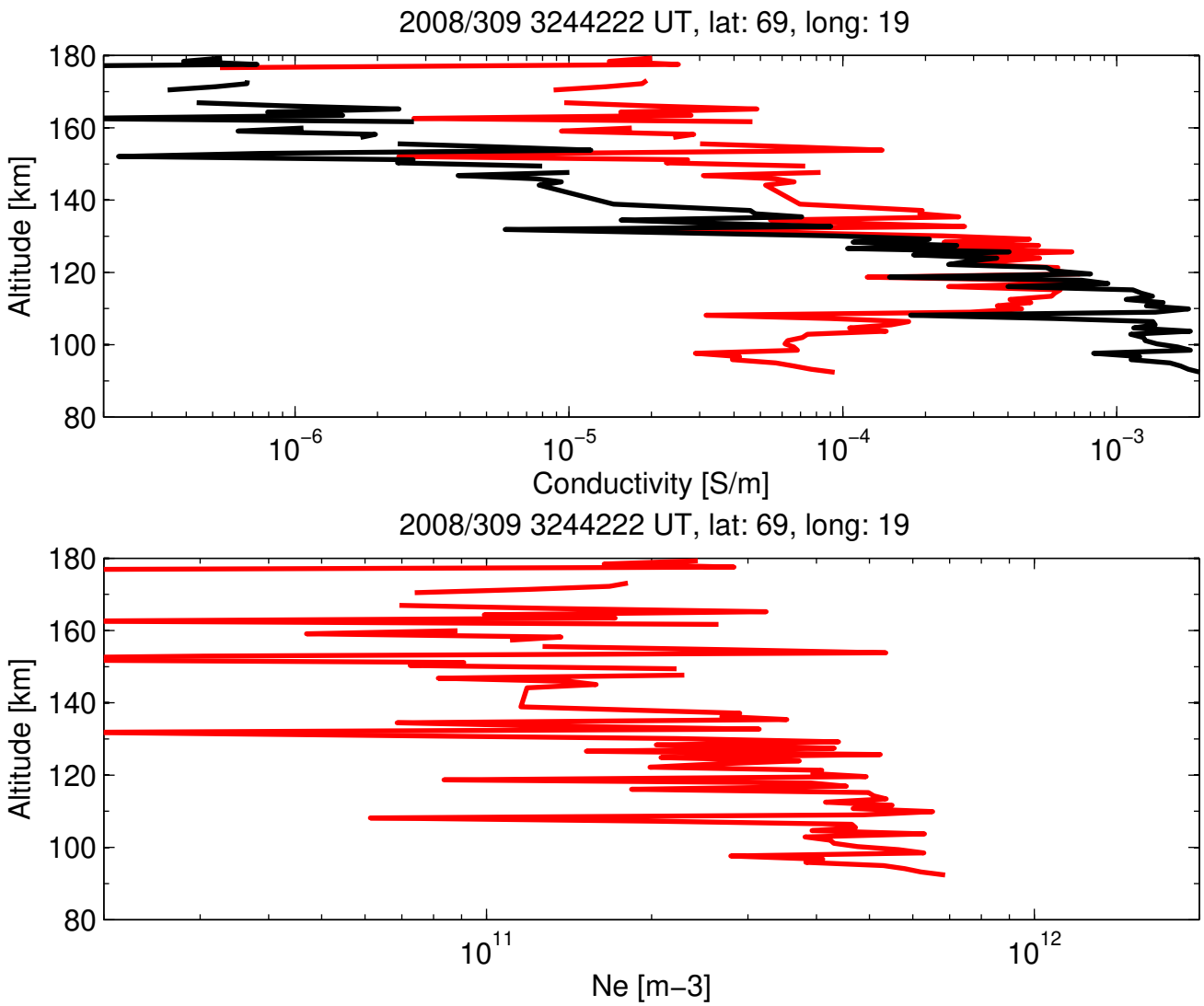
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3244222 UT, lat: 69, long: 19
Altitude [km]
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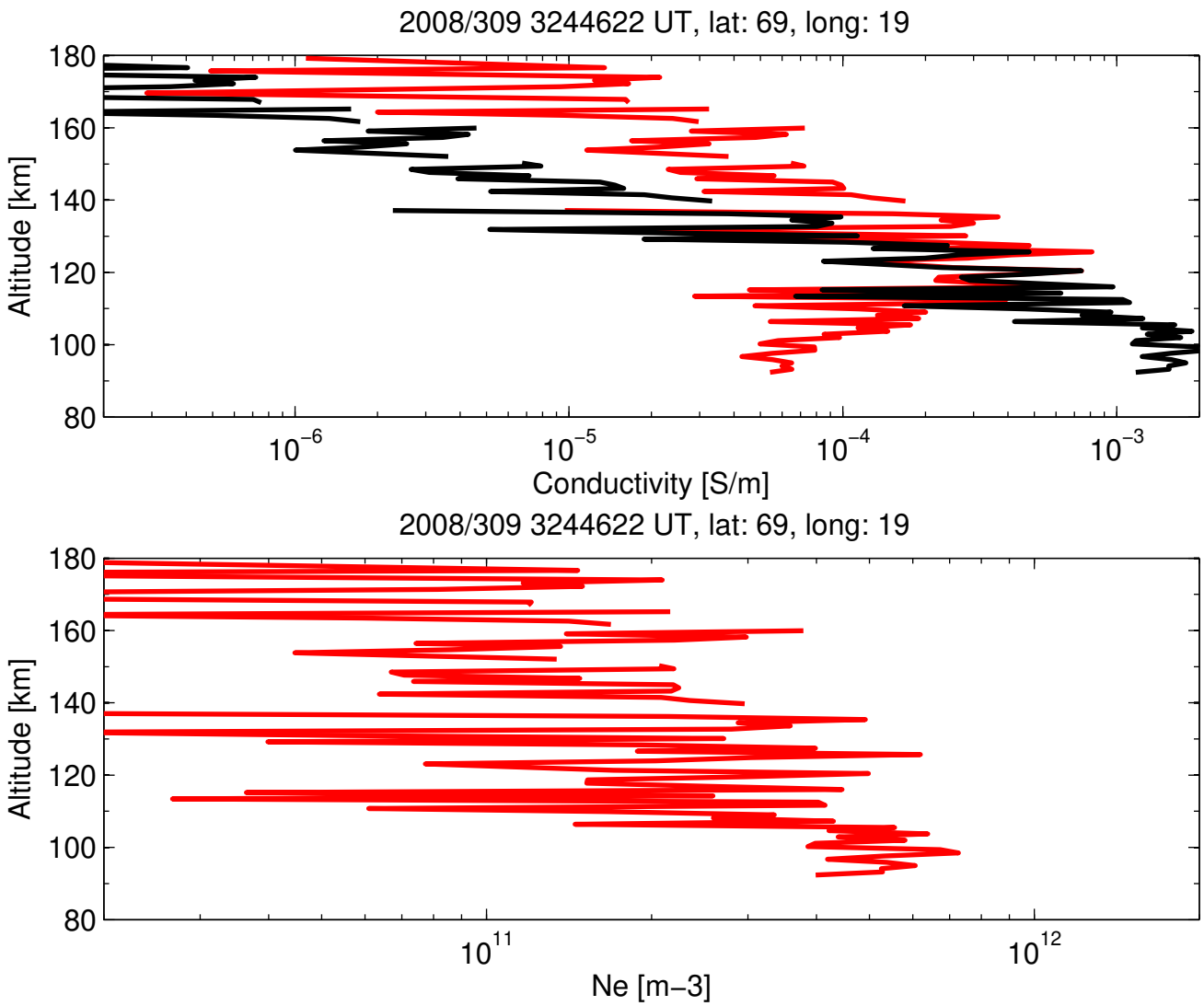
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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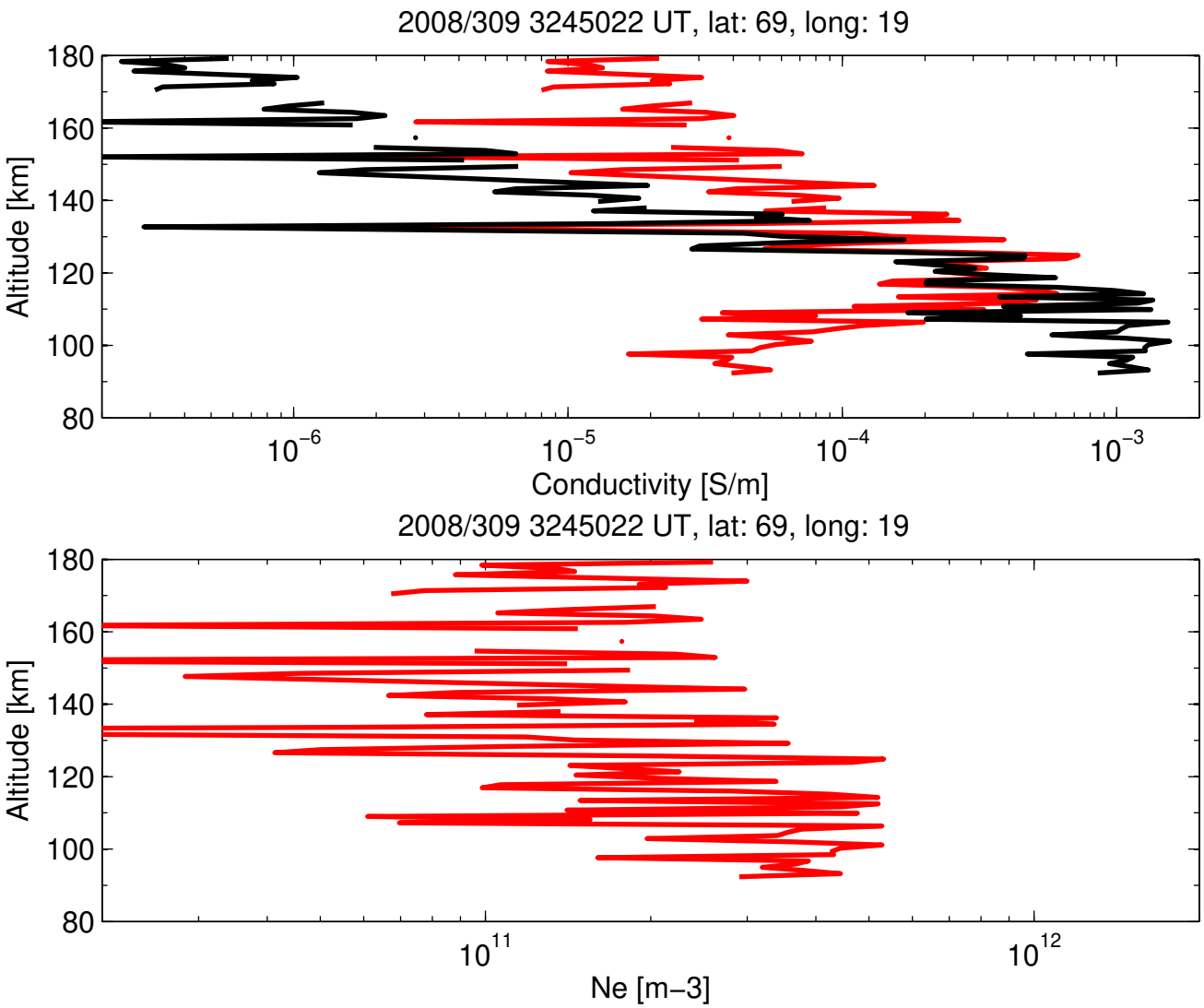
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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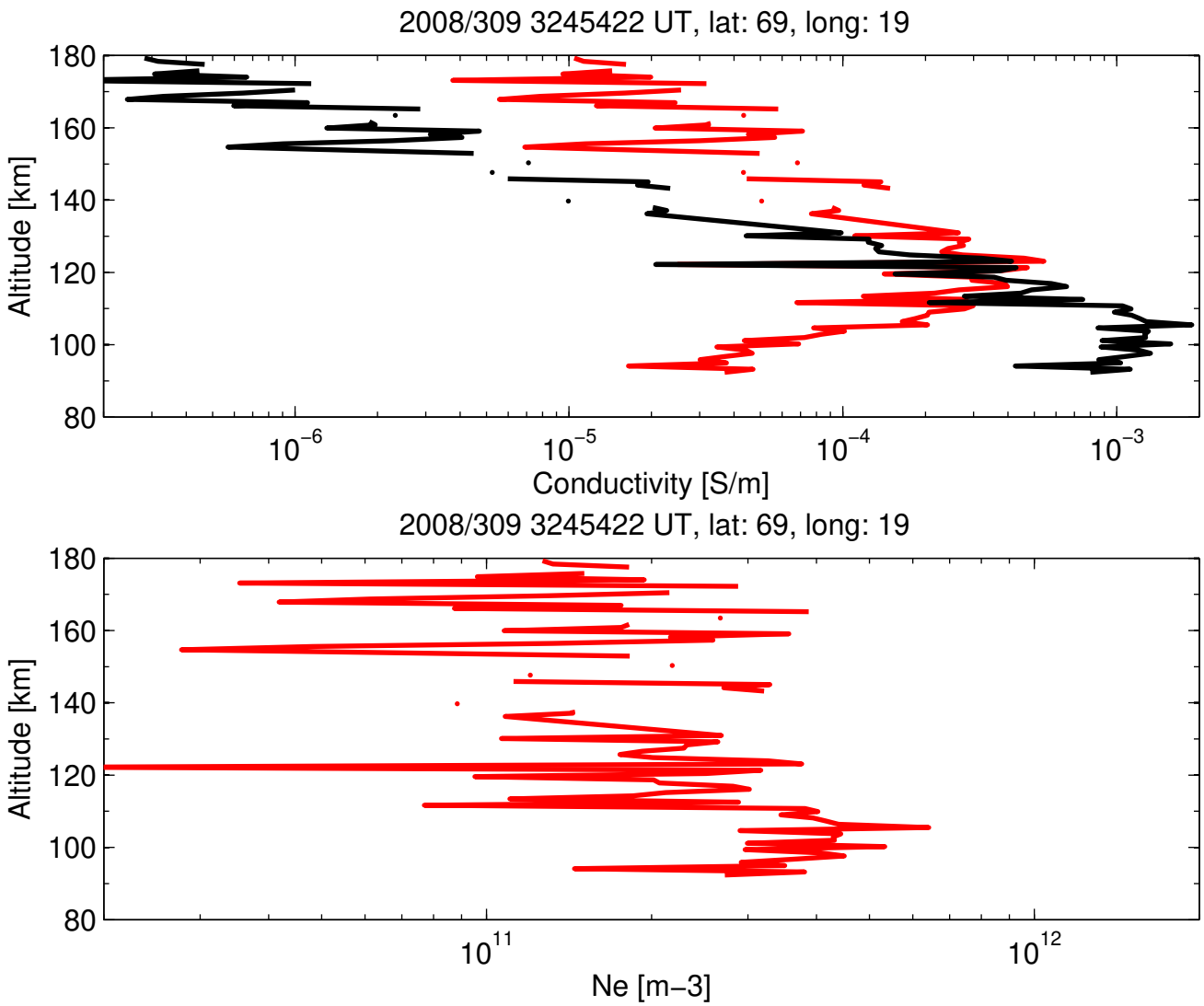
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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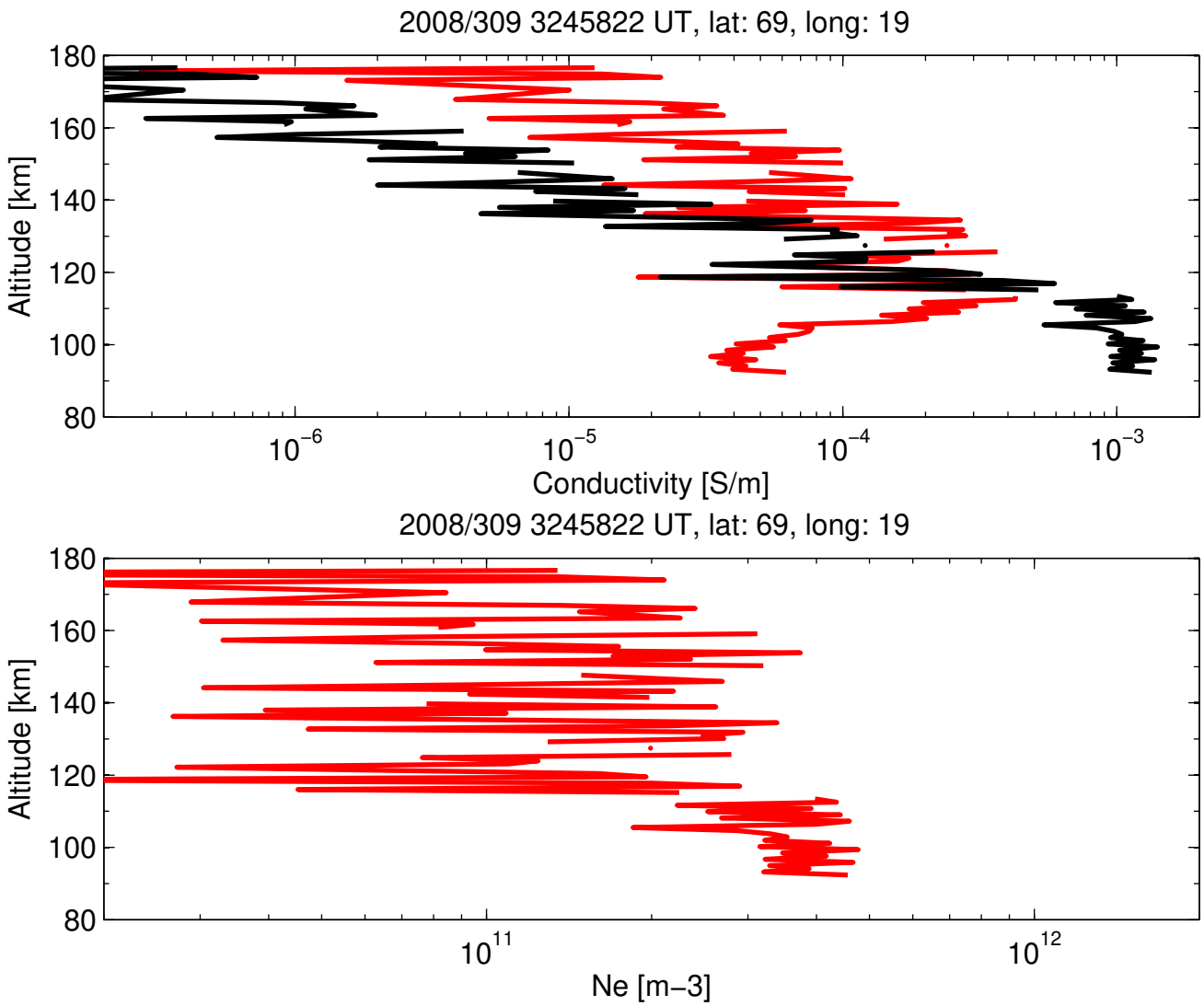
10^{11}
10^{12}
Ne [m−3]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Conductivity [S/m]
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Altitude [km]
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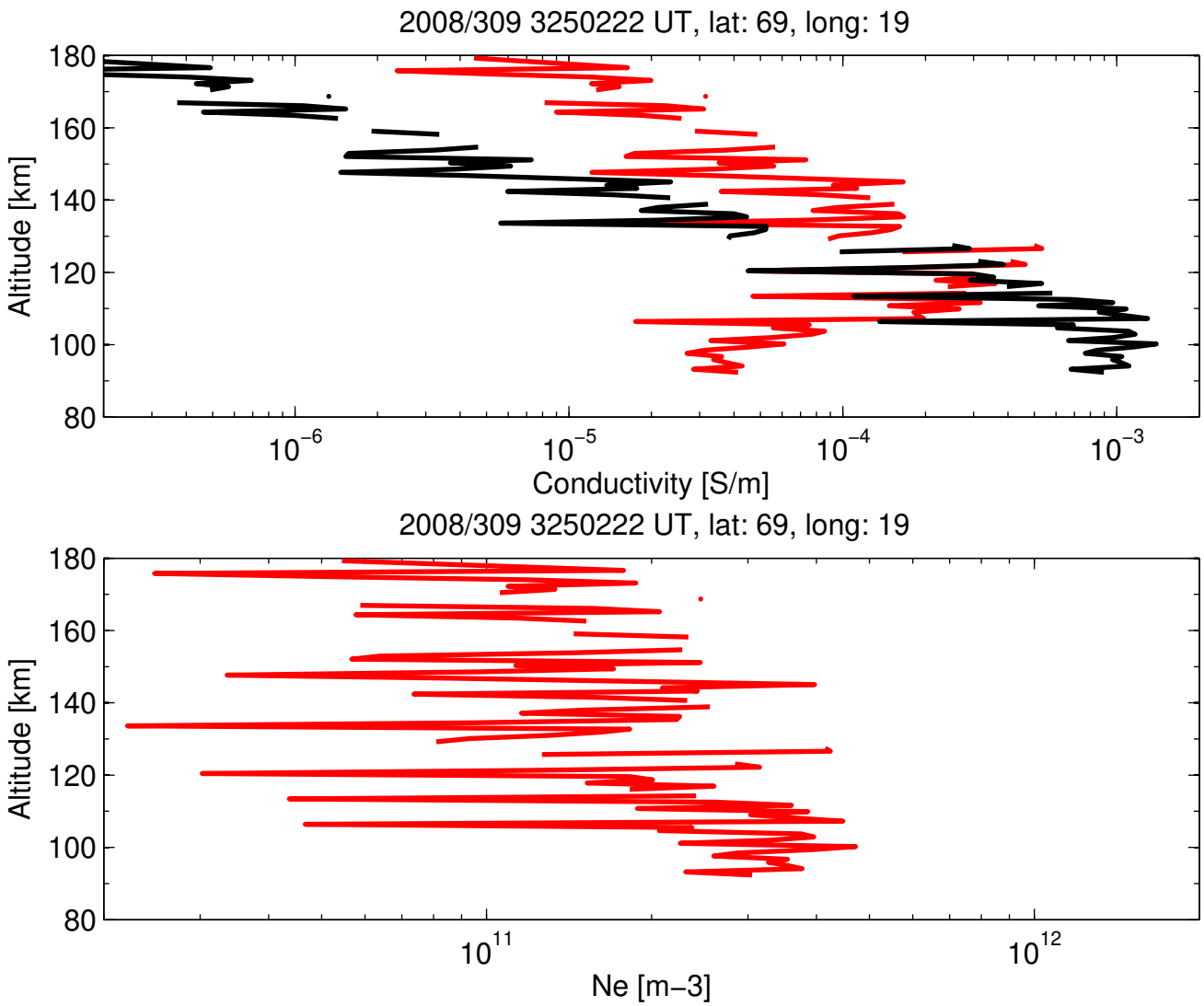
10^{12}
Ne [m−3]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Conductivity [S/m]
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Altitude [km]
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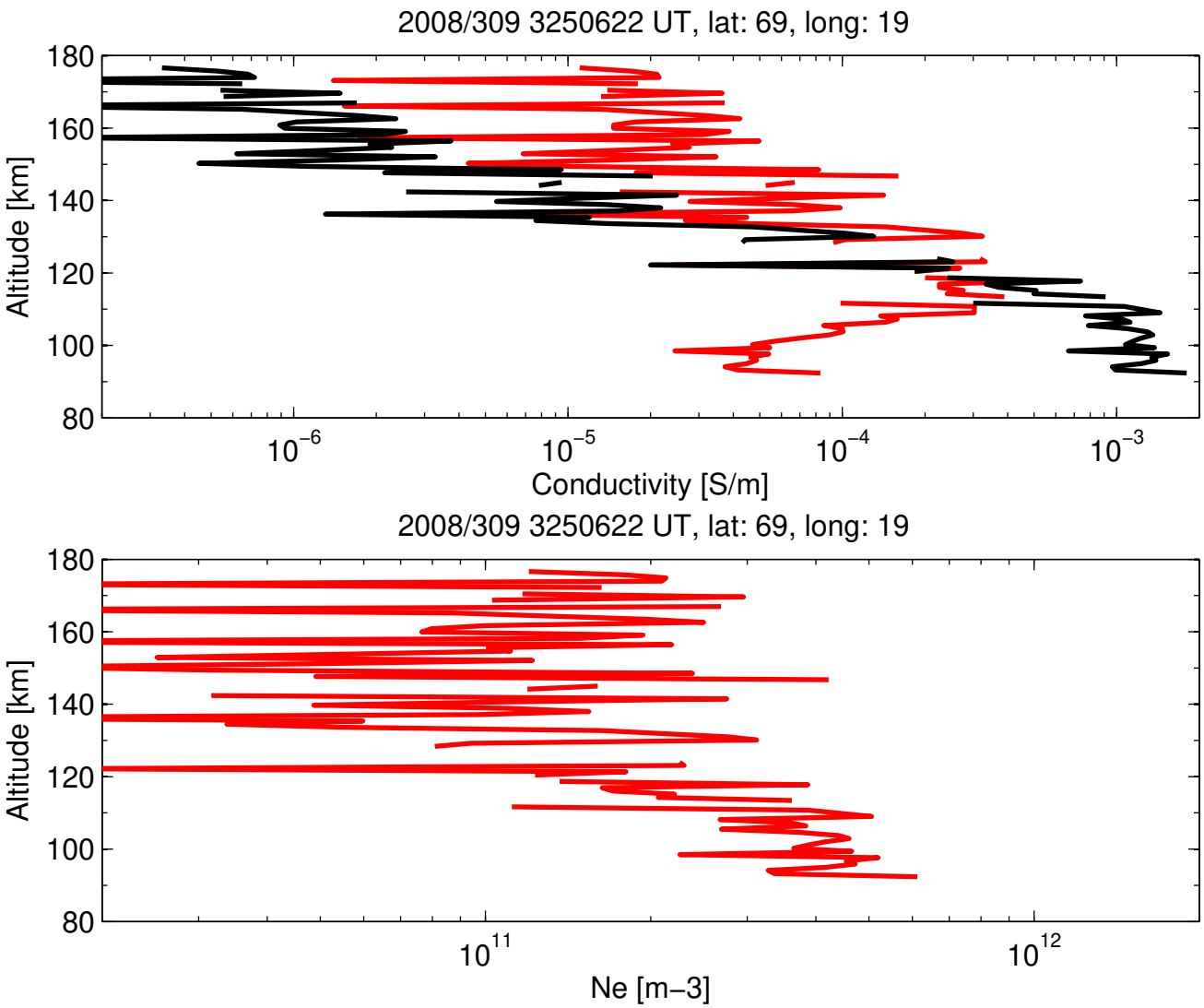
10^{12}
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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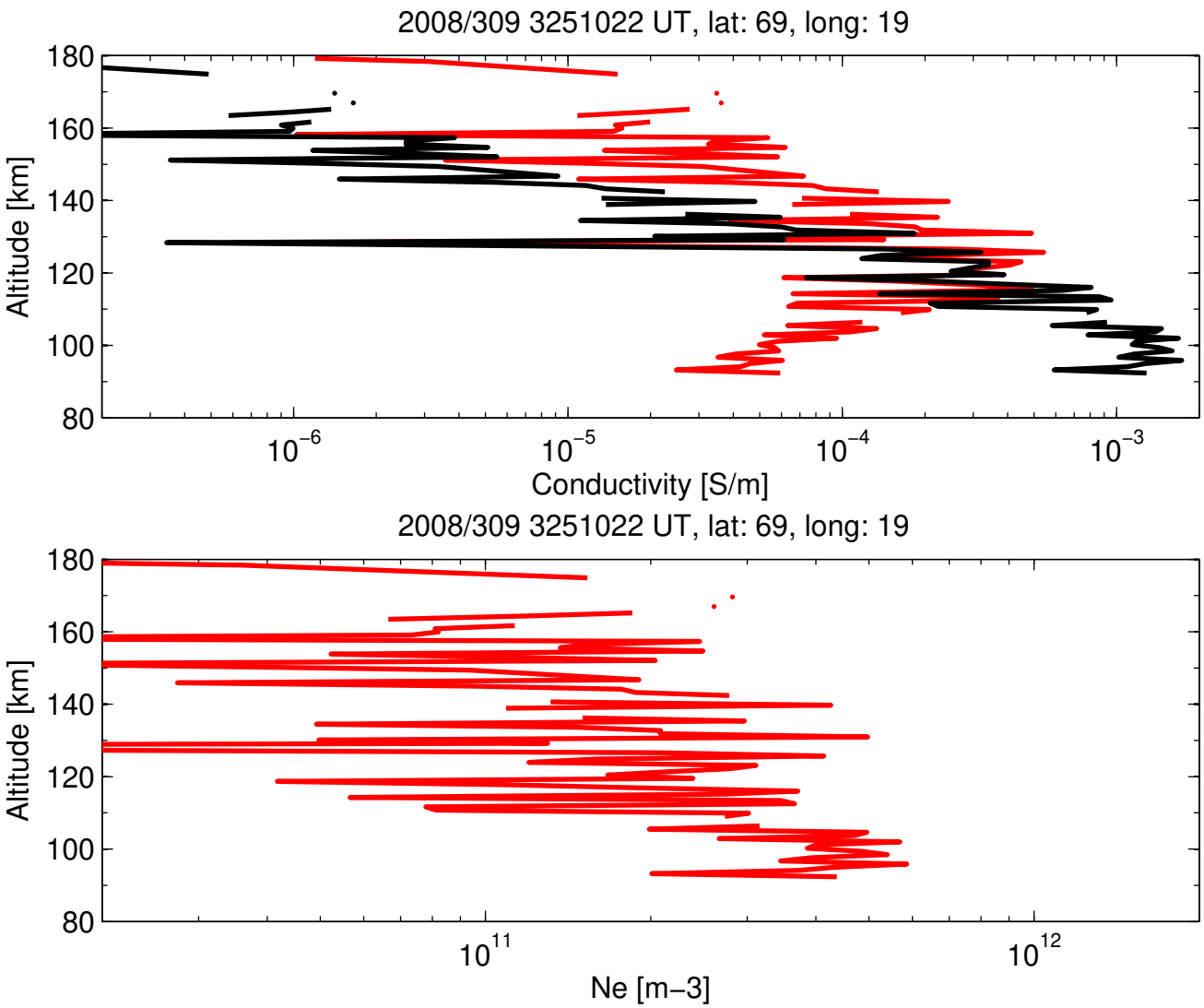
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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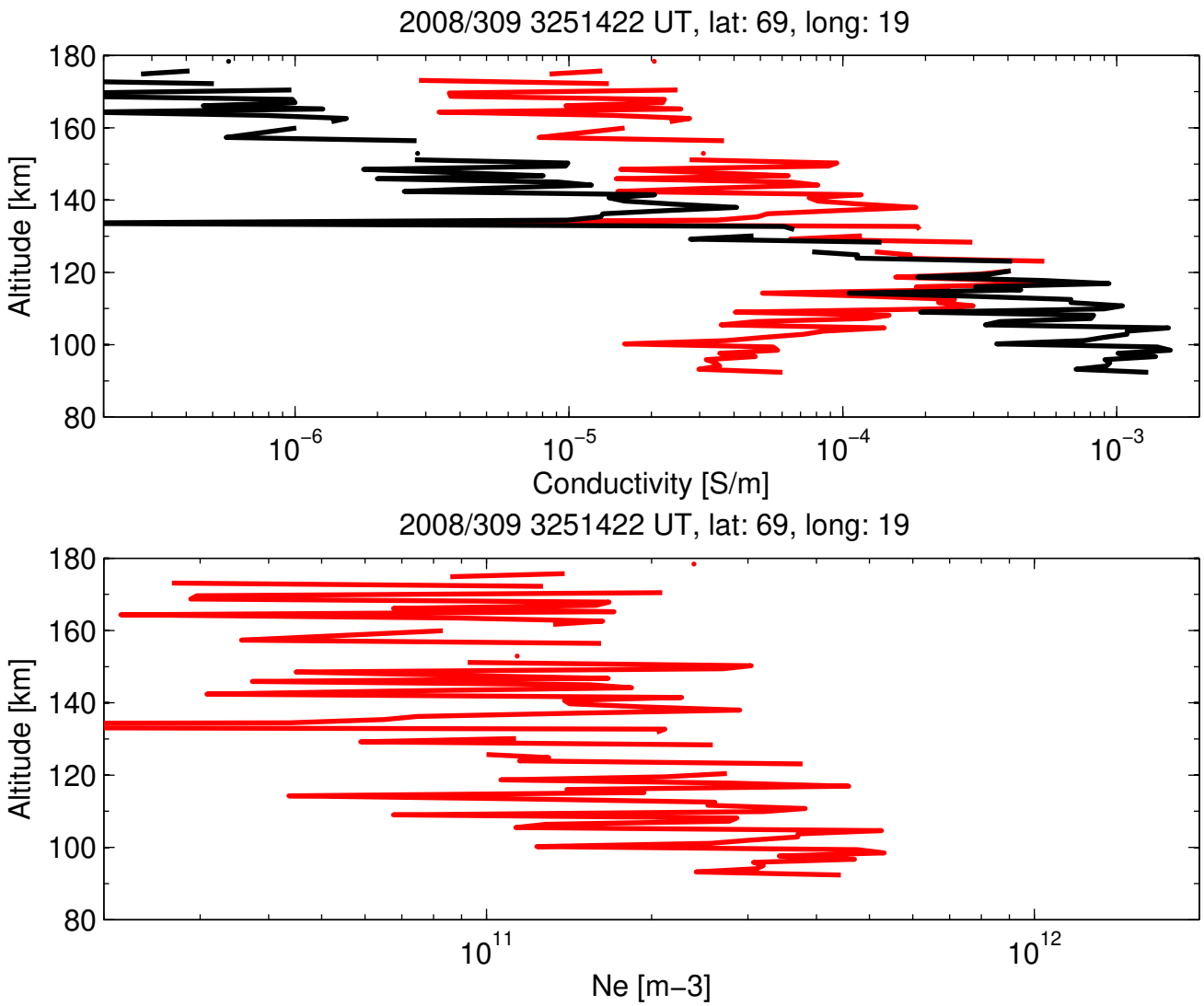
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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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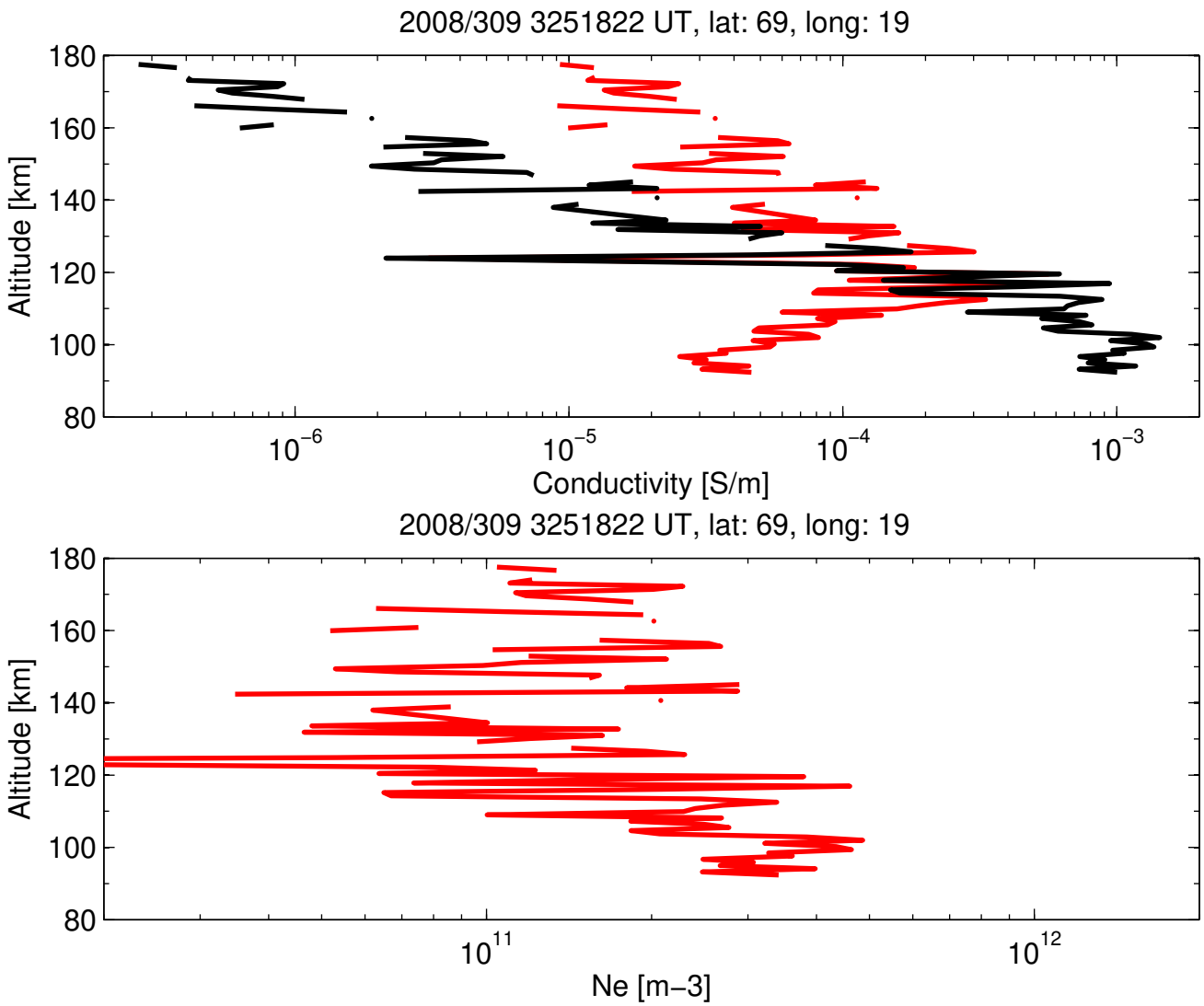
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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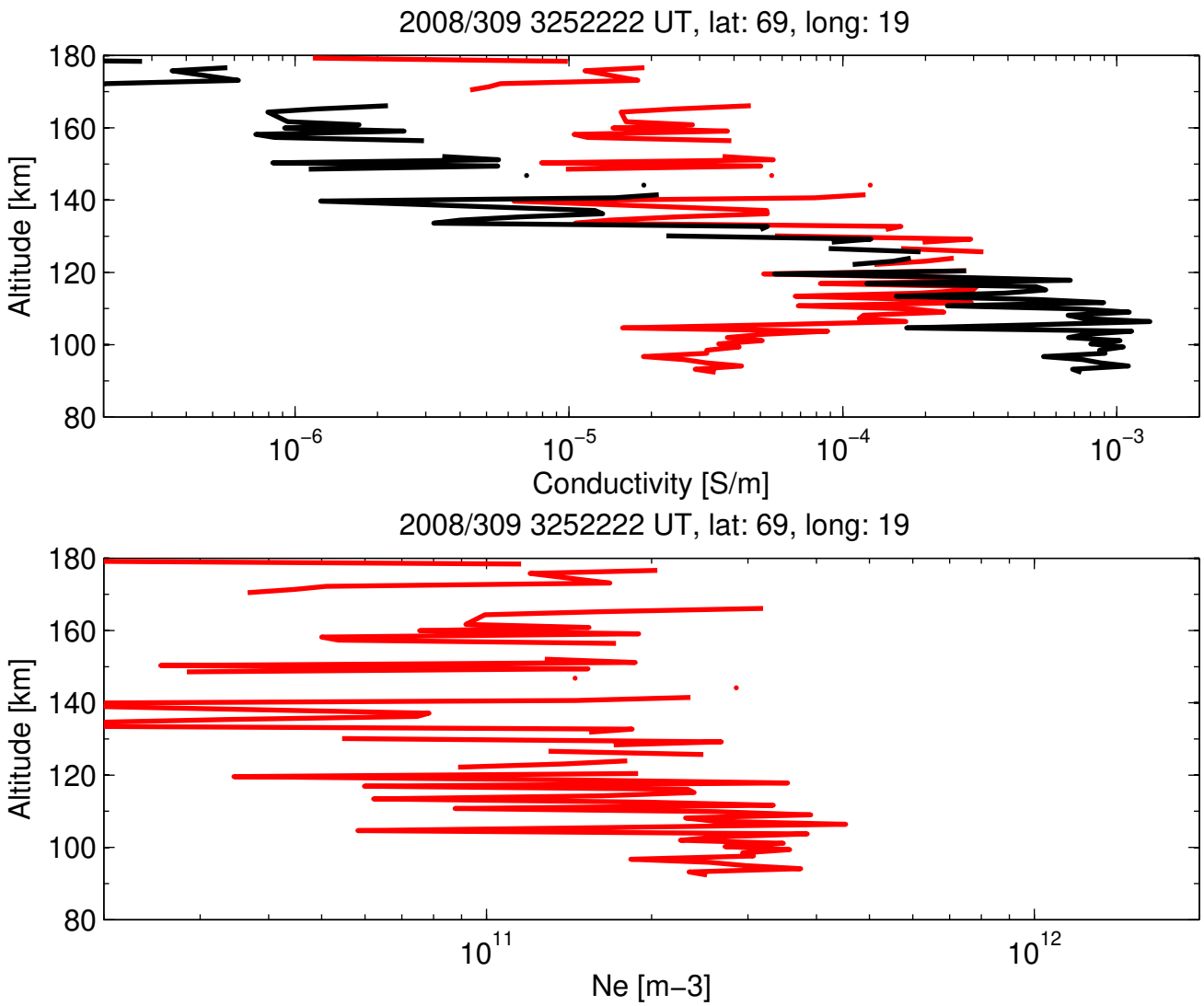
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
2008/309 3252222 UT, lat: 69, long: 19
Altitude [km]
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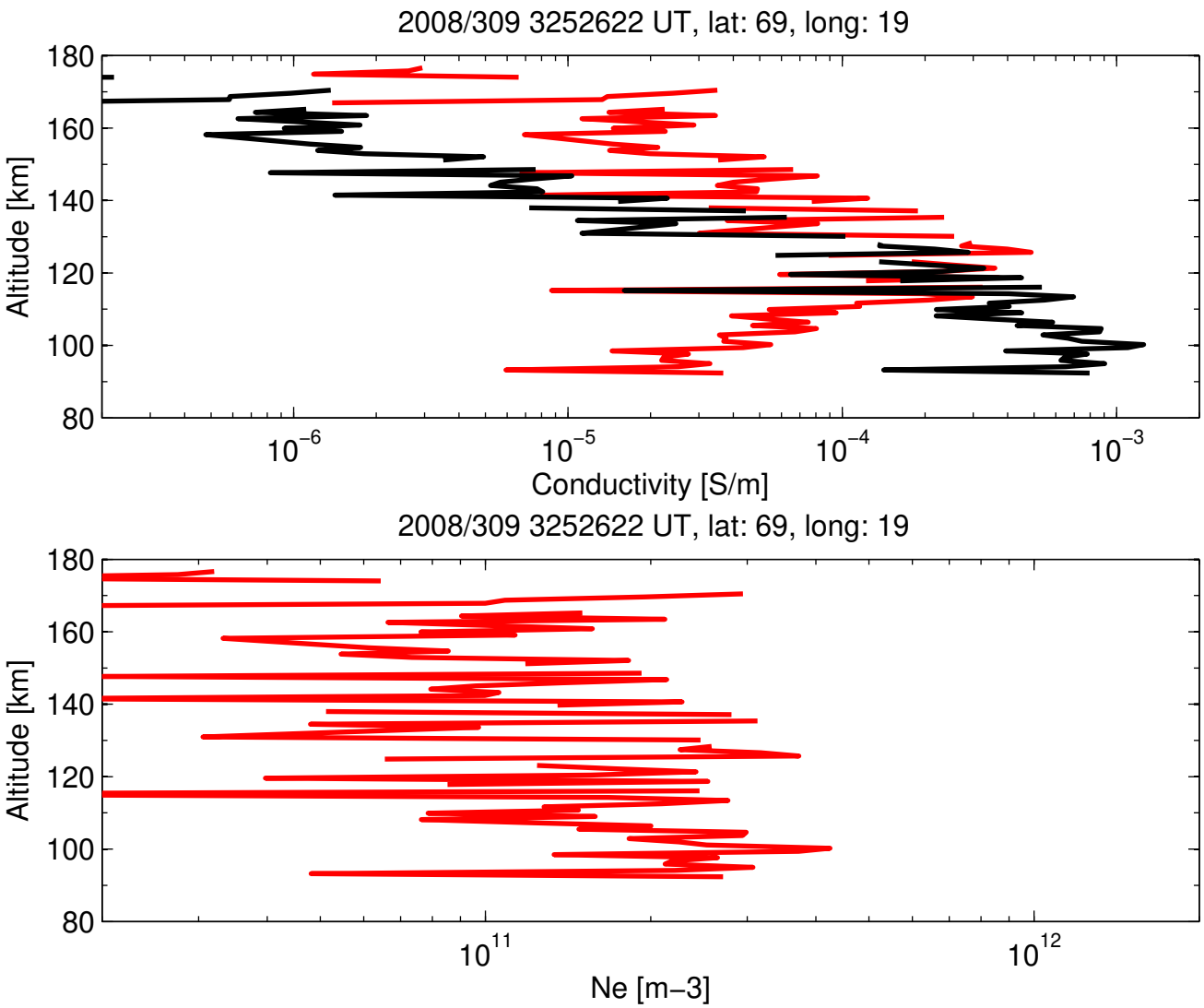
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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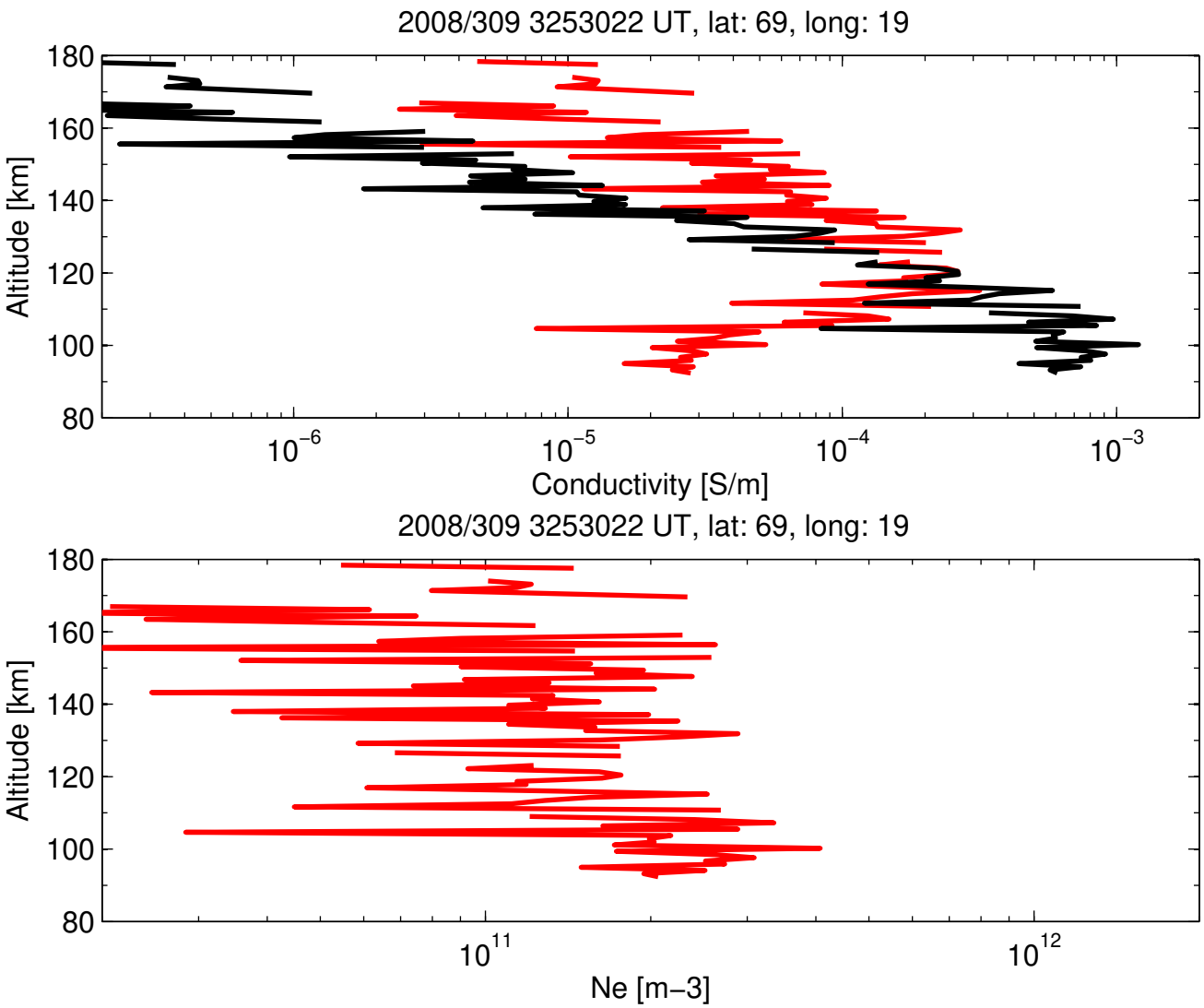
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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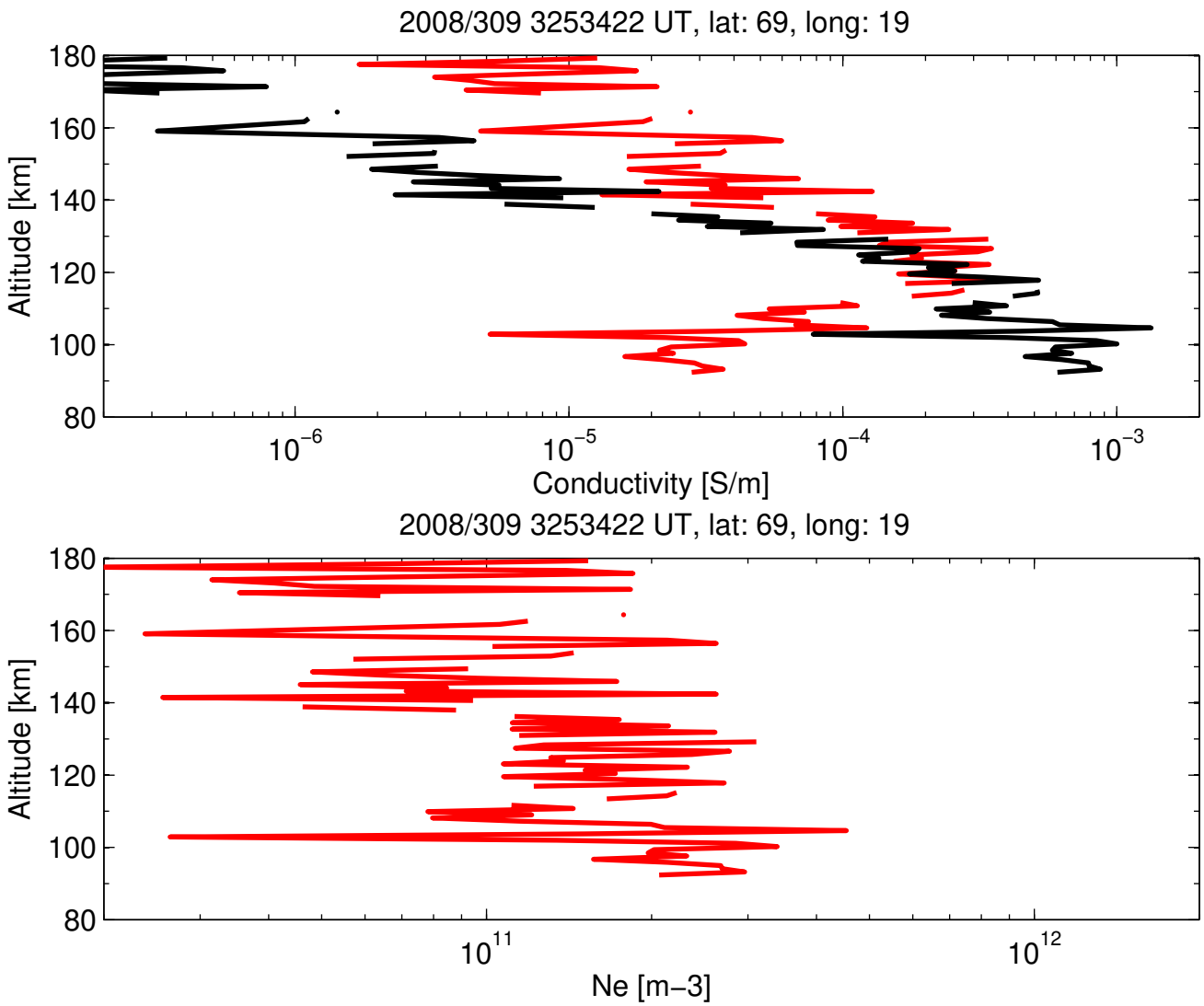
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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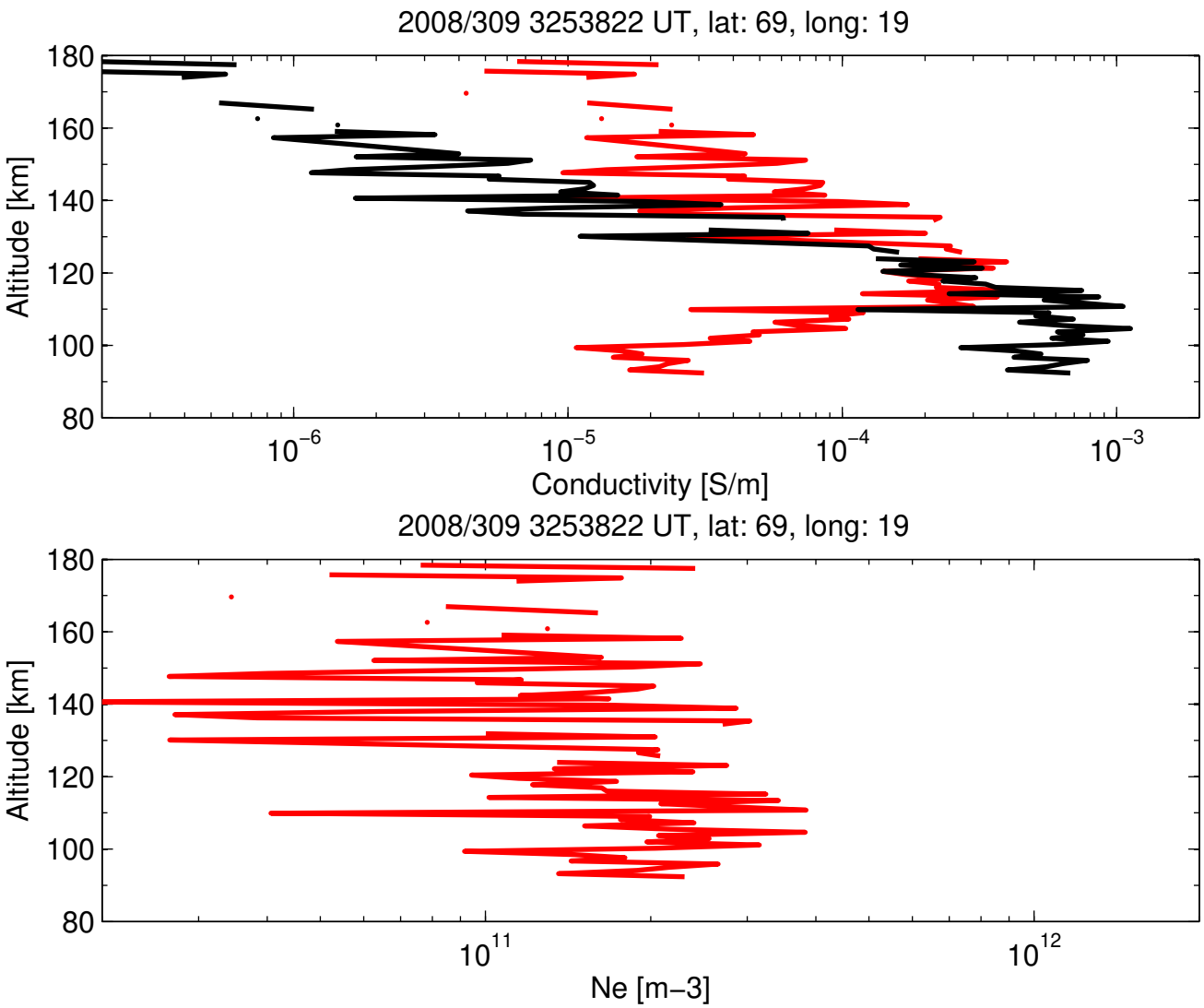
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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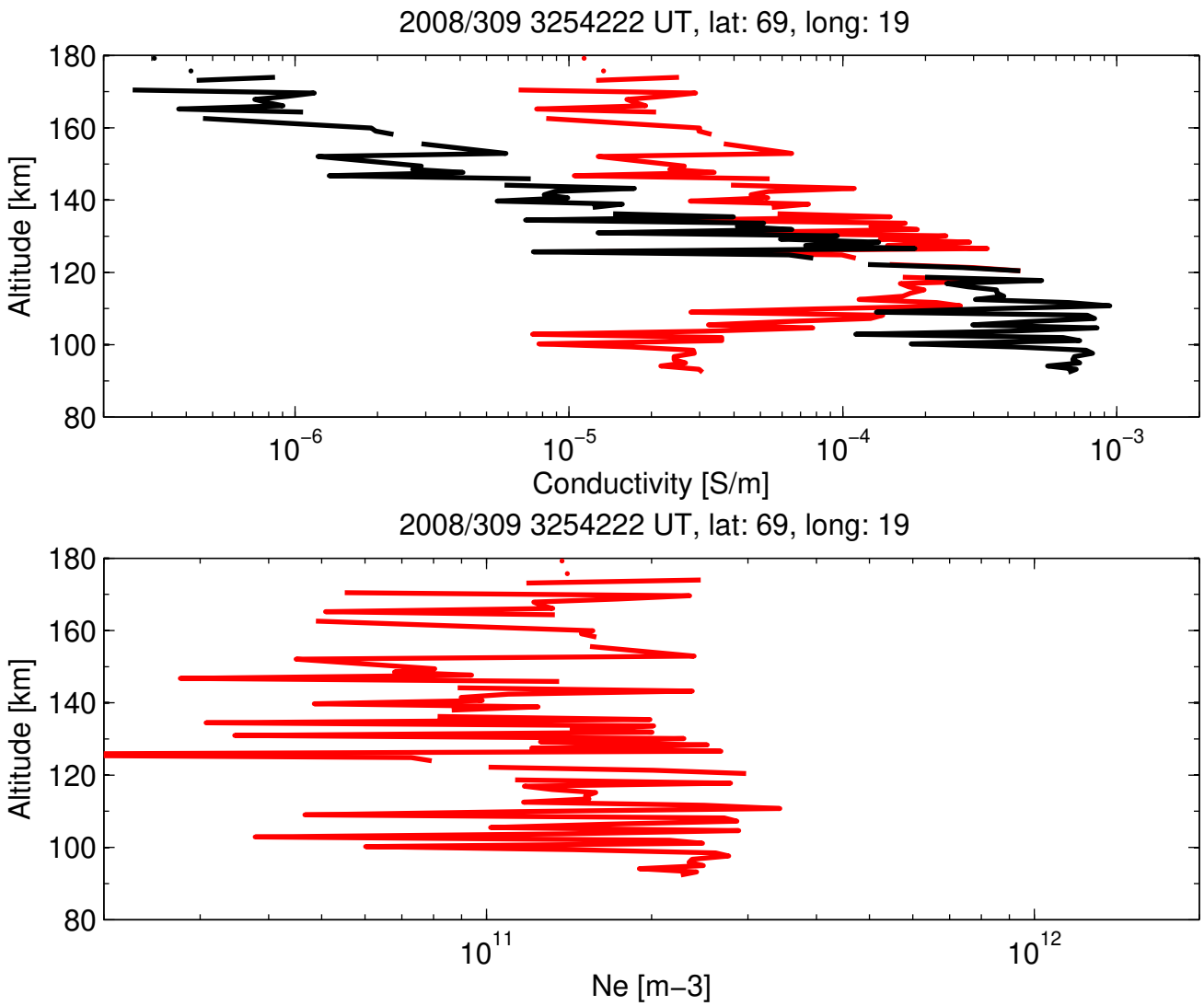
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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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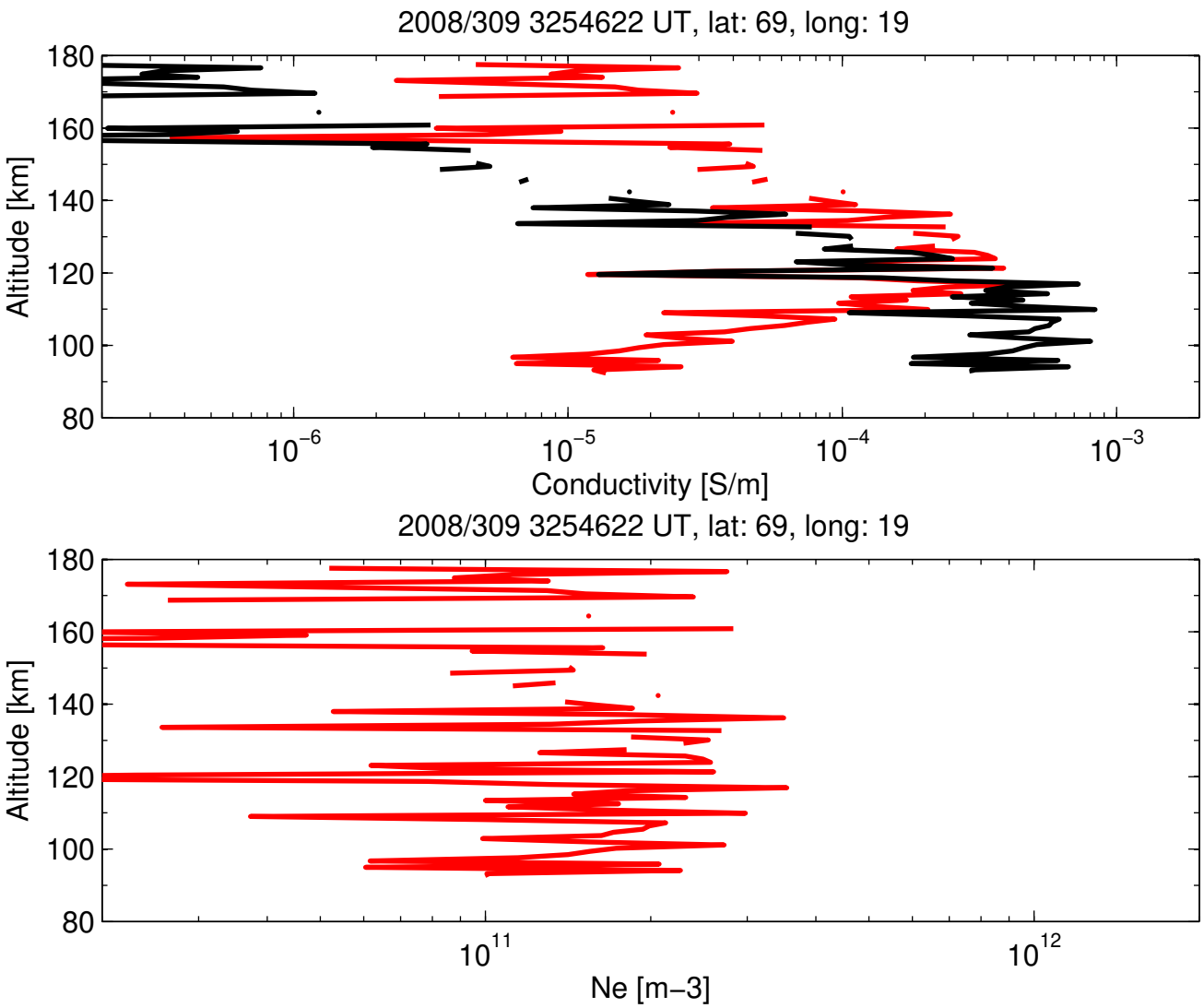
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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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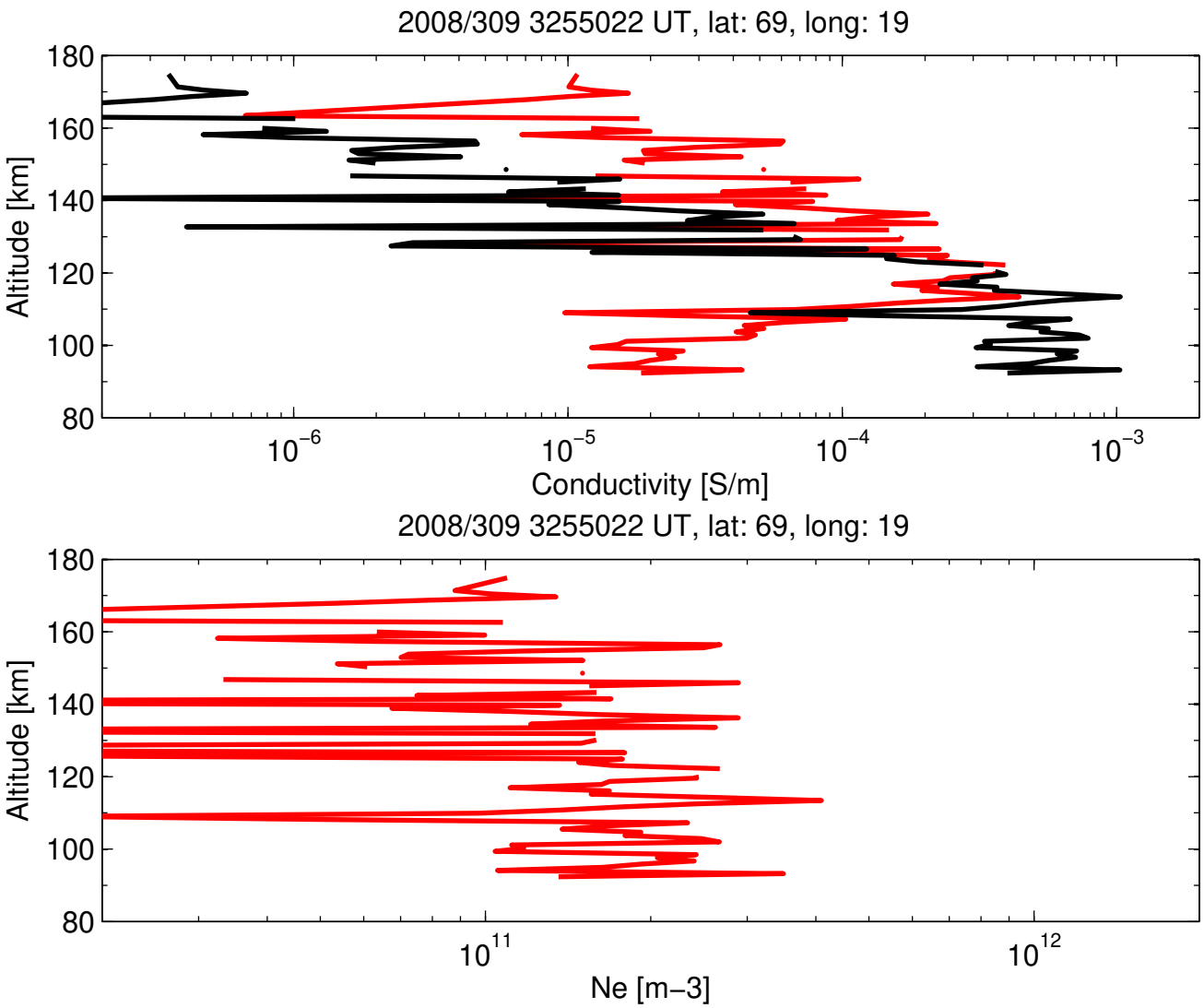
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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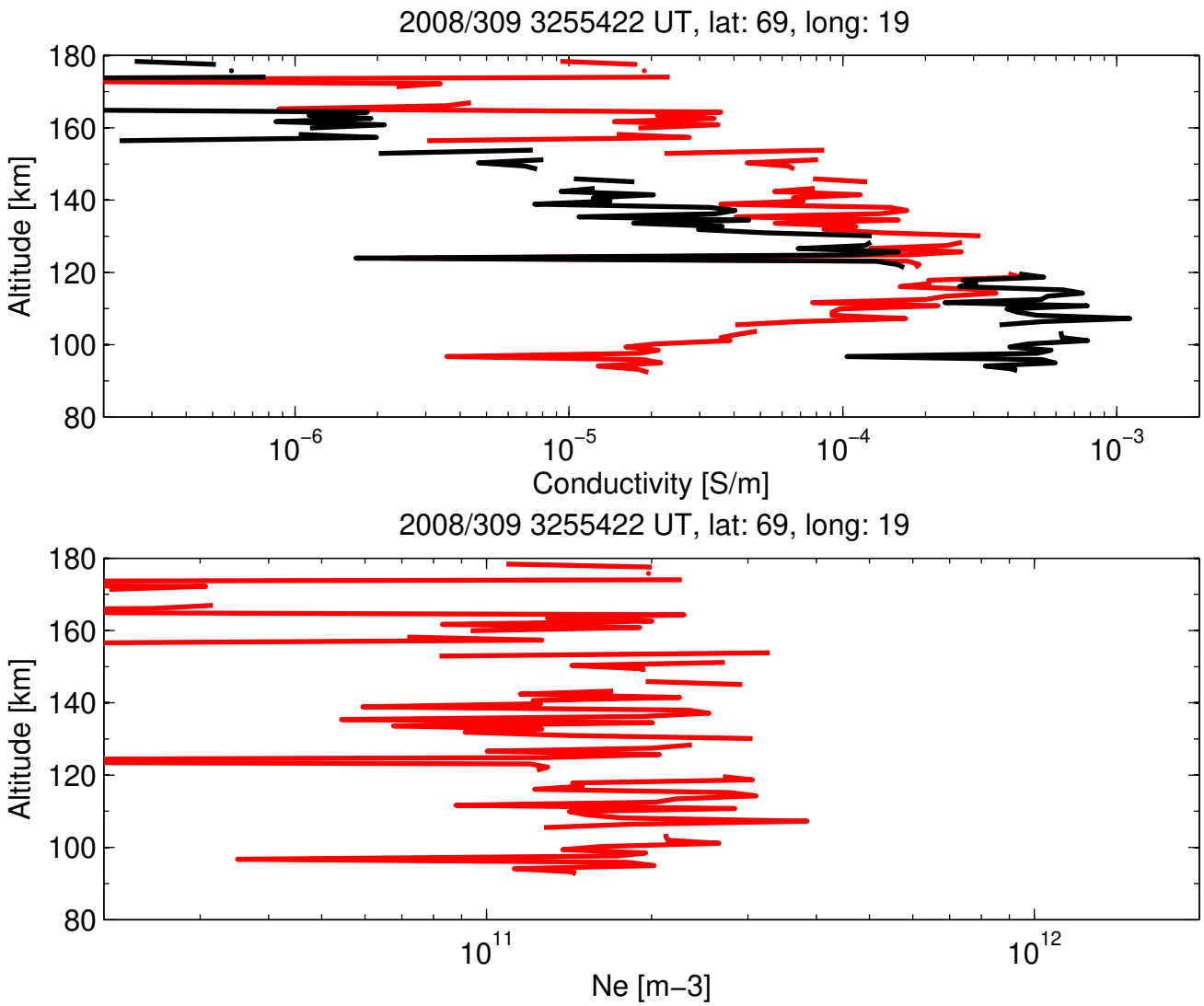
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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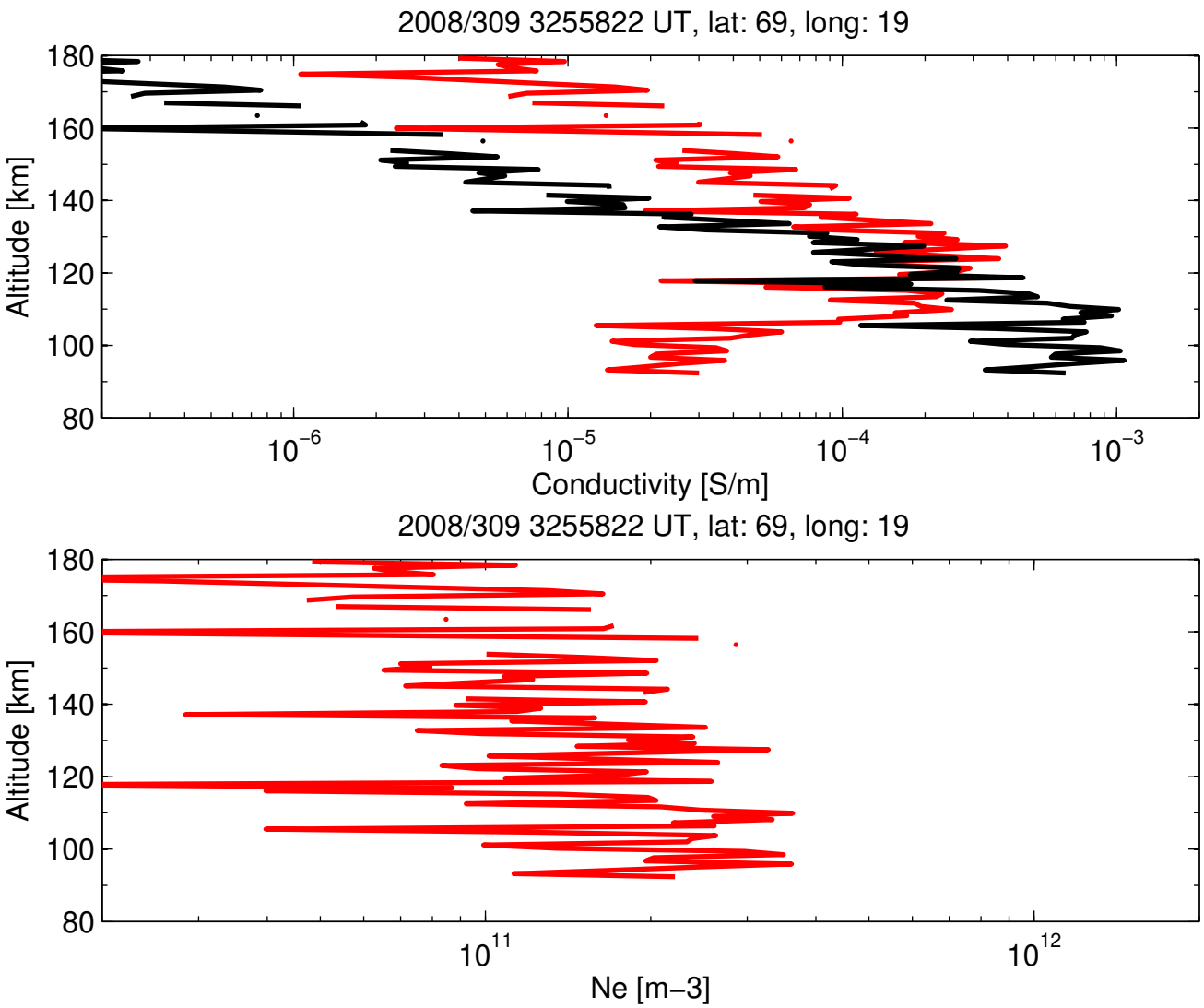
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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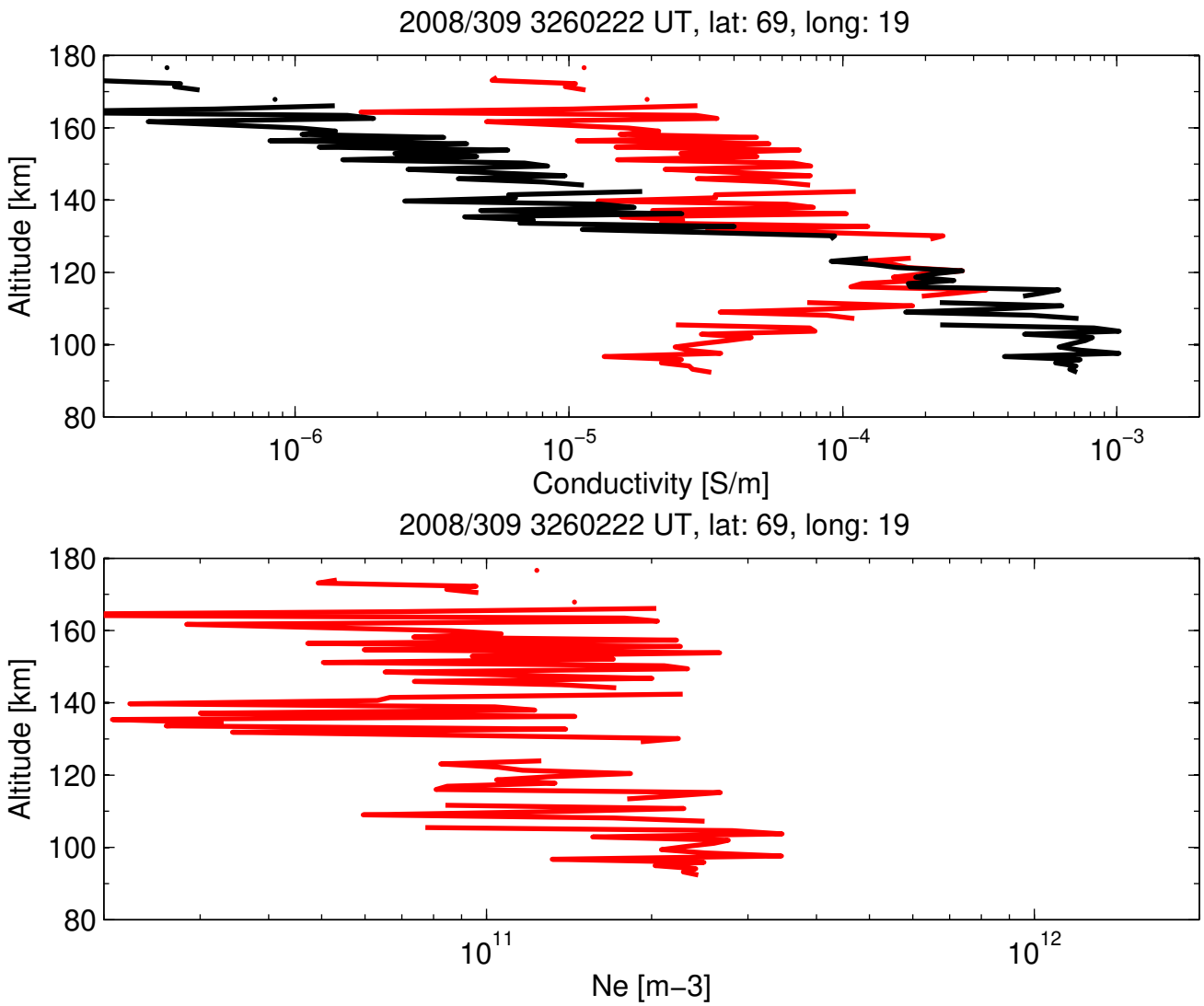
Ne [m−3]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Altitude [km]
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120
100
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3260222 UT, lat: 69, long: 19
Altitude [km]
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120
100
80
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10^{12}
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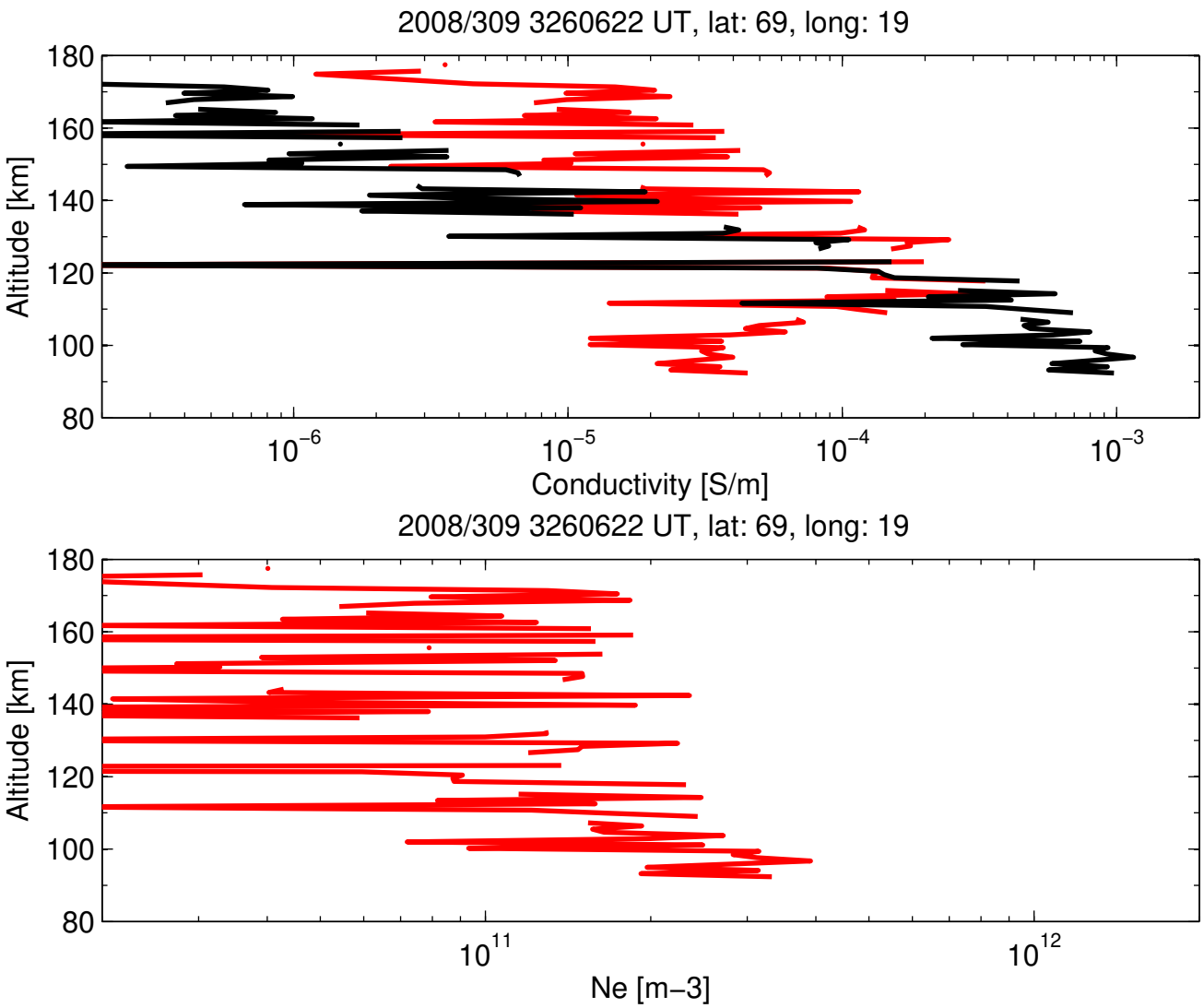
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Altitude [km]
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10^{-4}
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Conductivity [S/m]
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Altitude [km]
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80
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10^{12}
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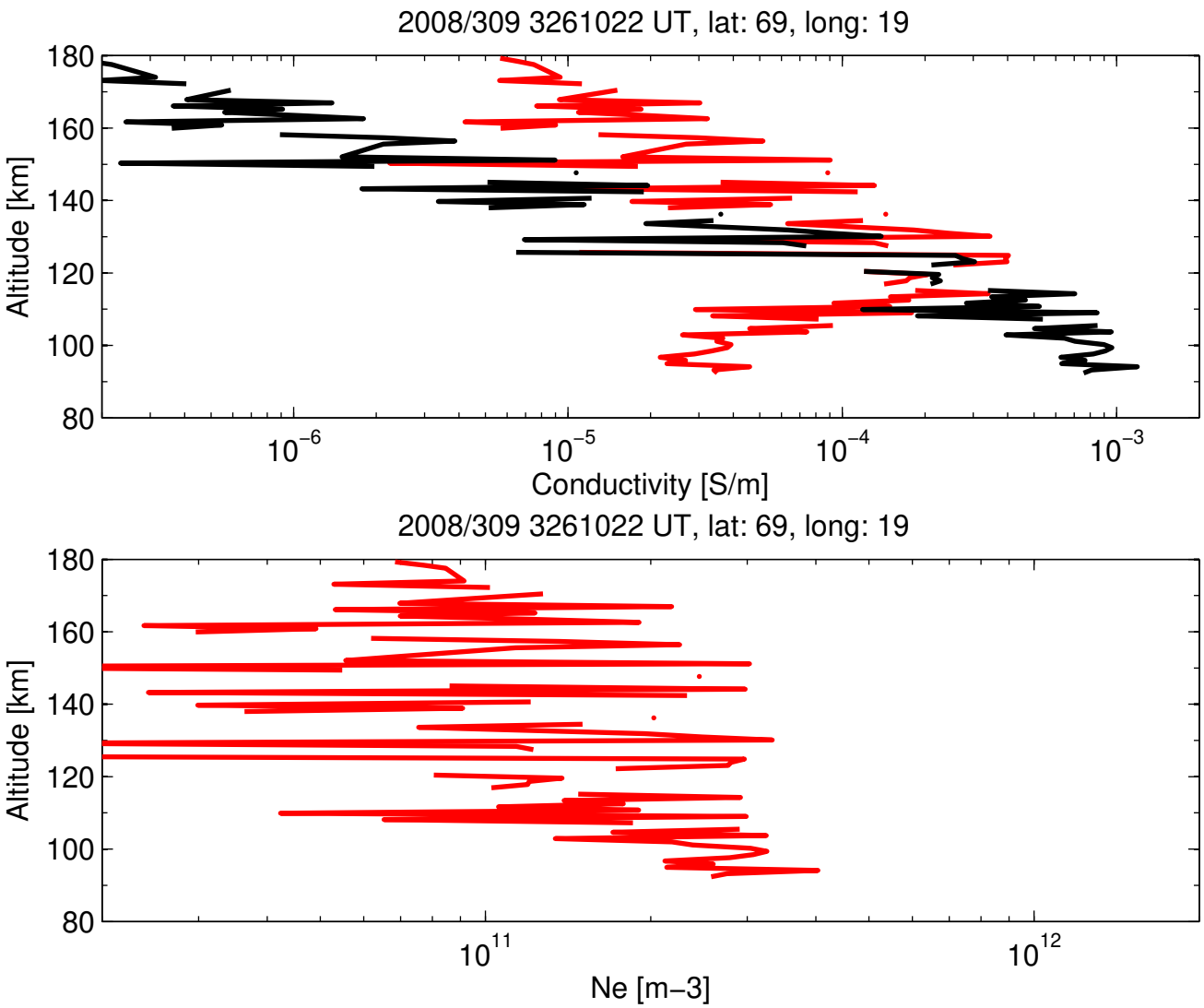
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3261022 UT, lat: 69, long: 19
Altitude [km]
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10^{12}
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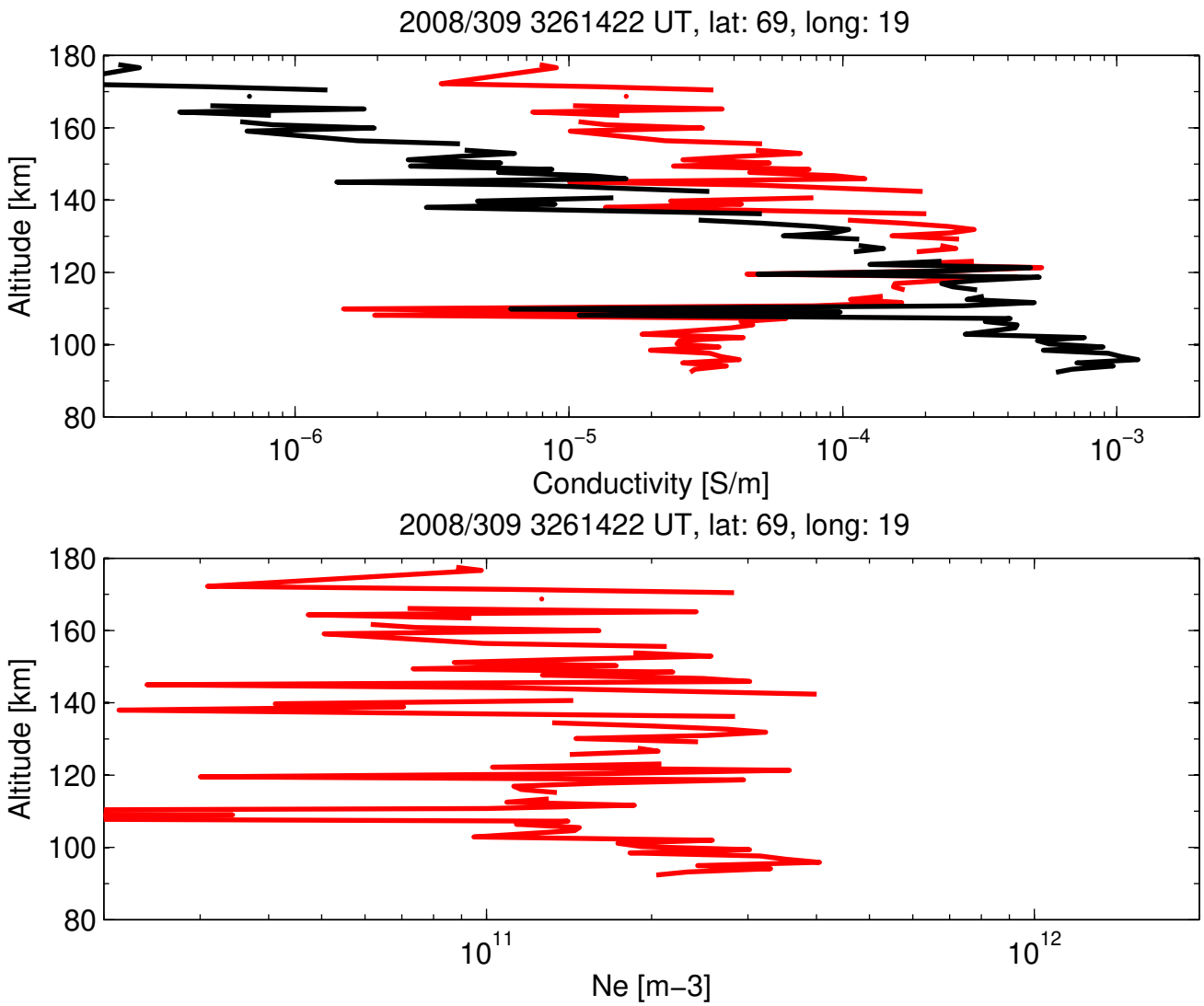
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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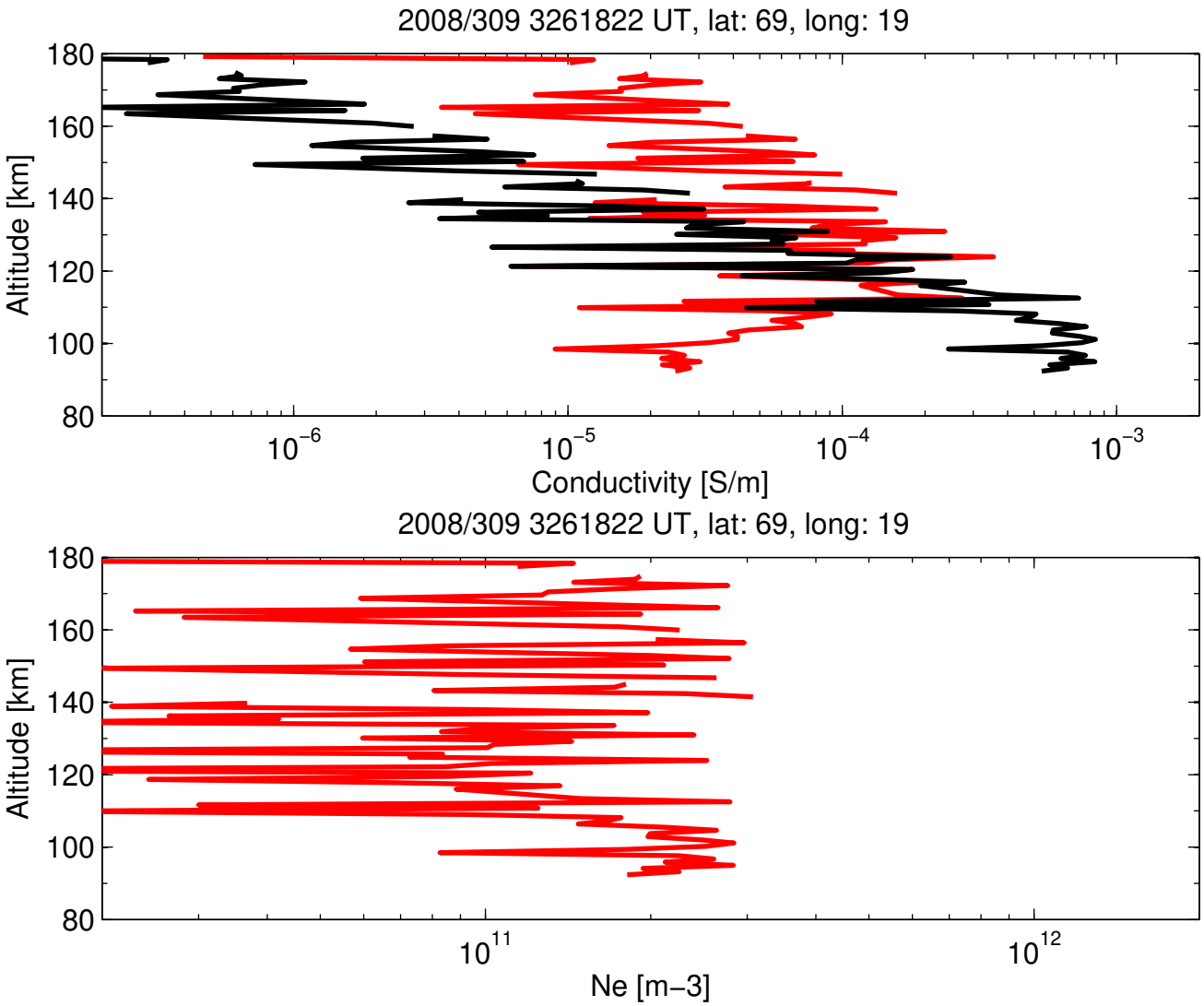
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Altitude [km]
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120
100
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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10^{12}
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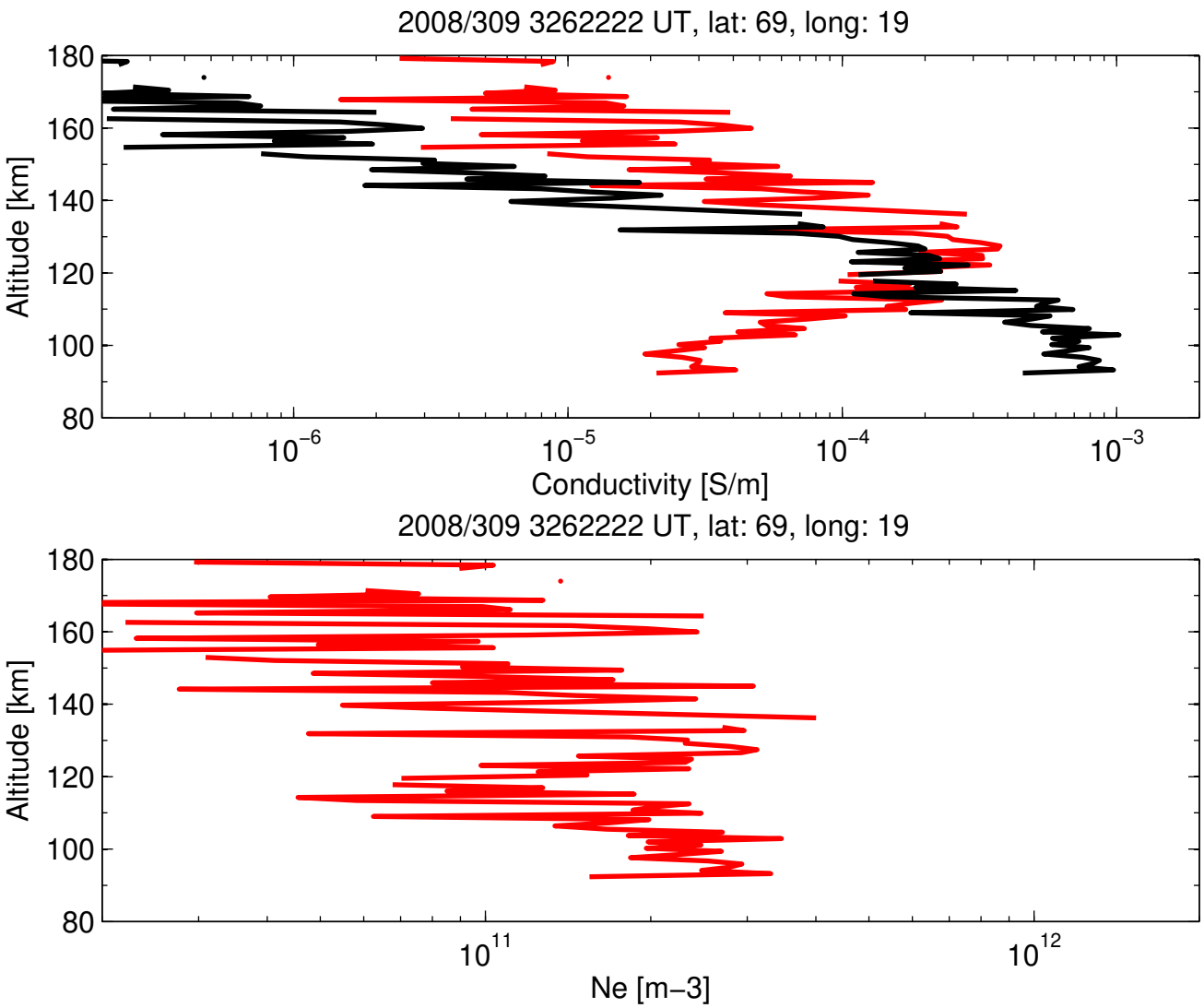
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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3262222 UT, lat: 69, long: 19
Altitude [km]
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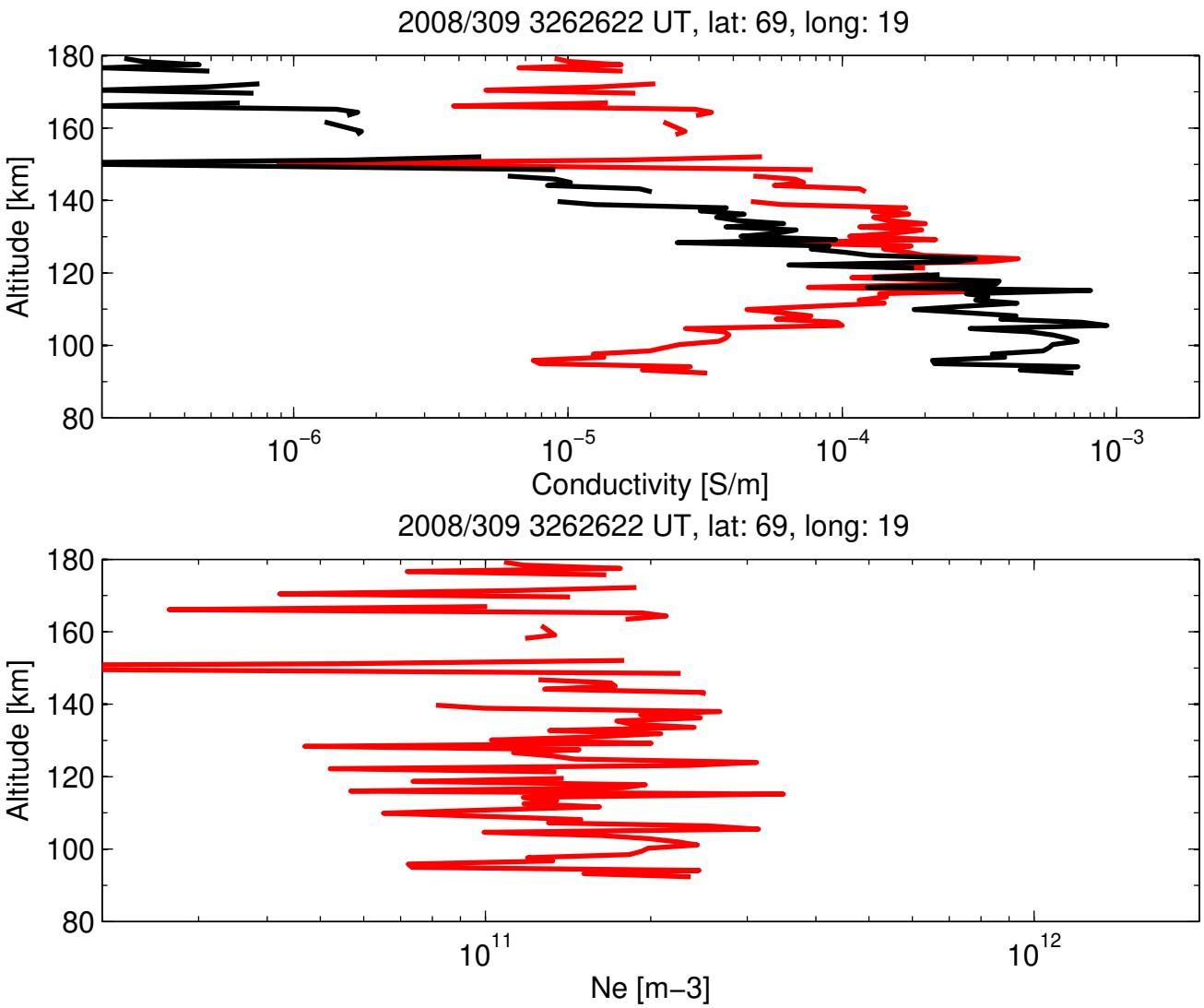
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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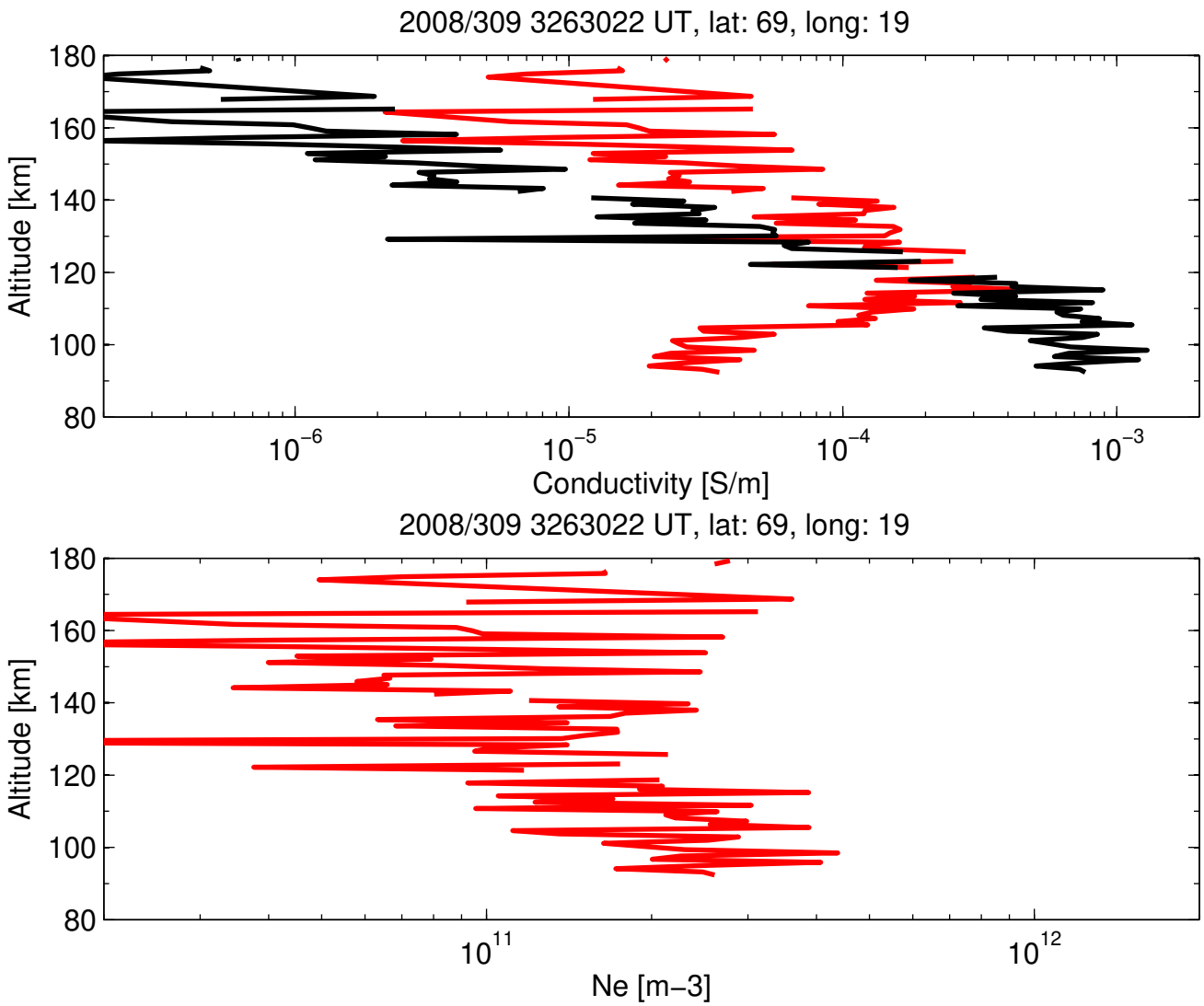
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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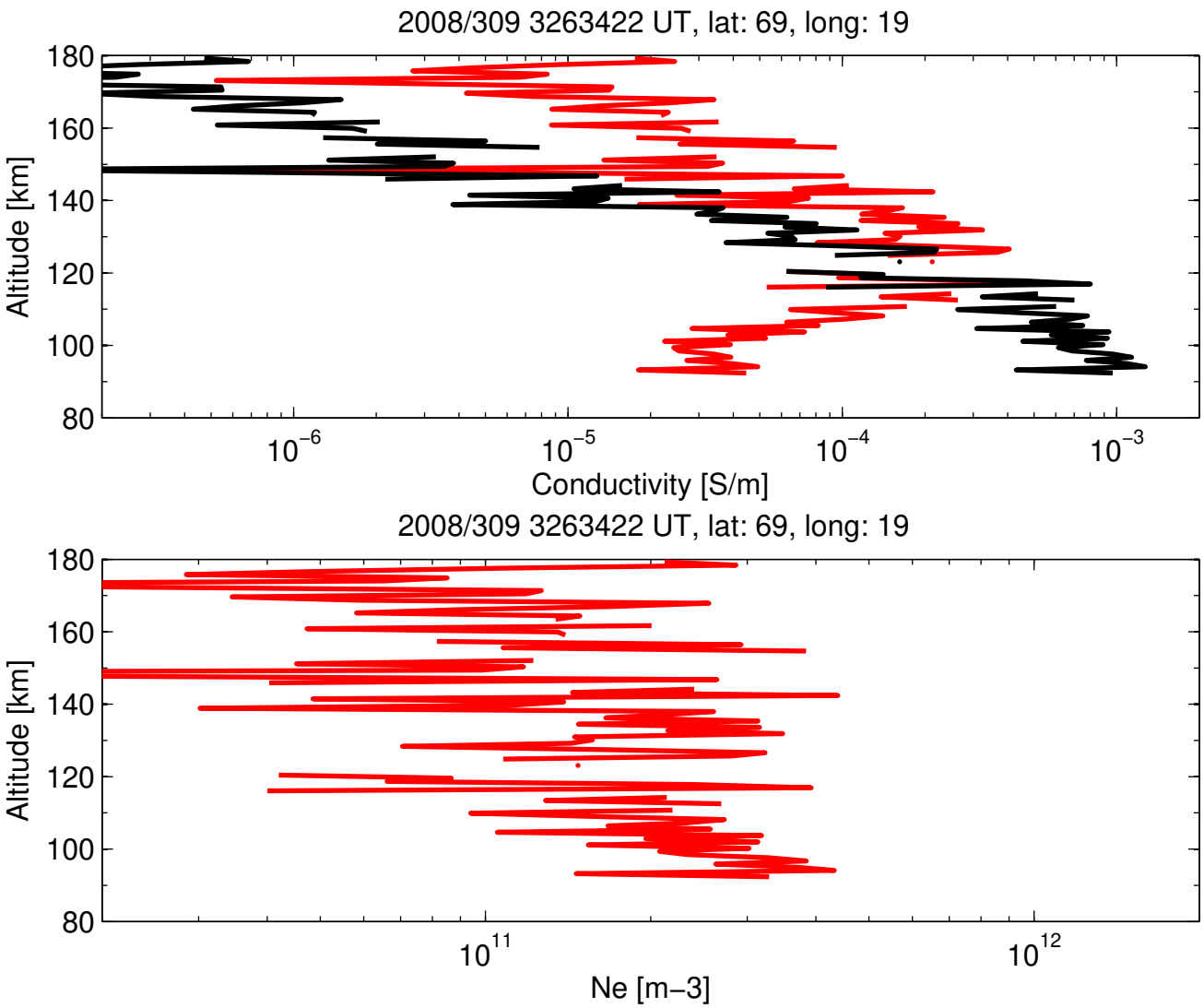
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3263422 UT, lat: 69, long: 19
Altitude [km]
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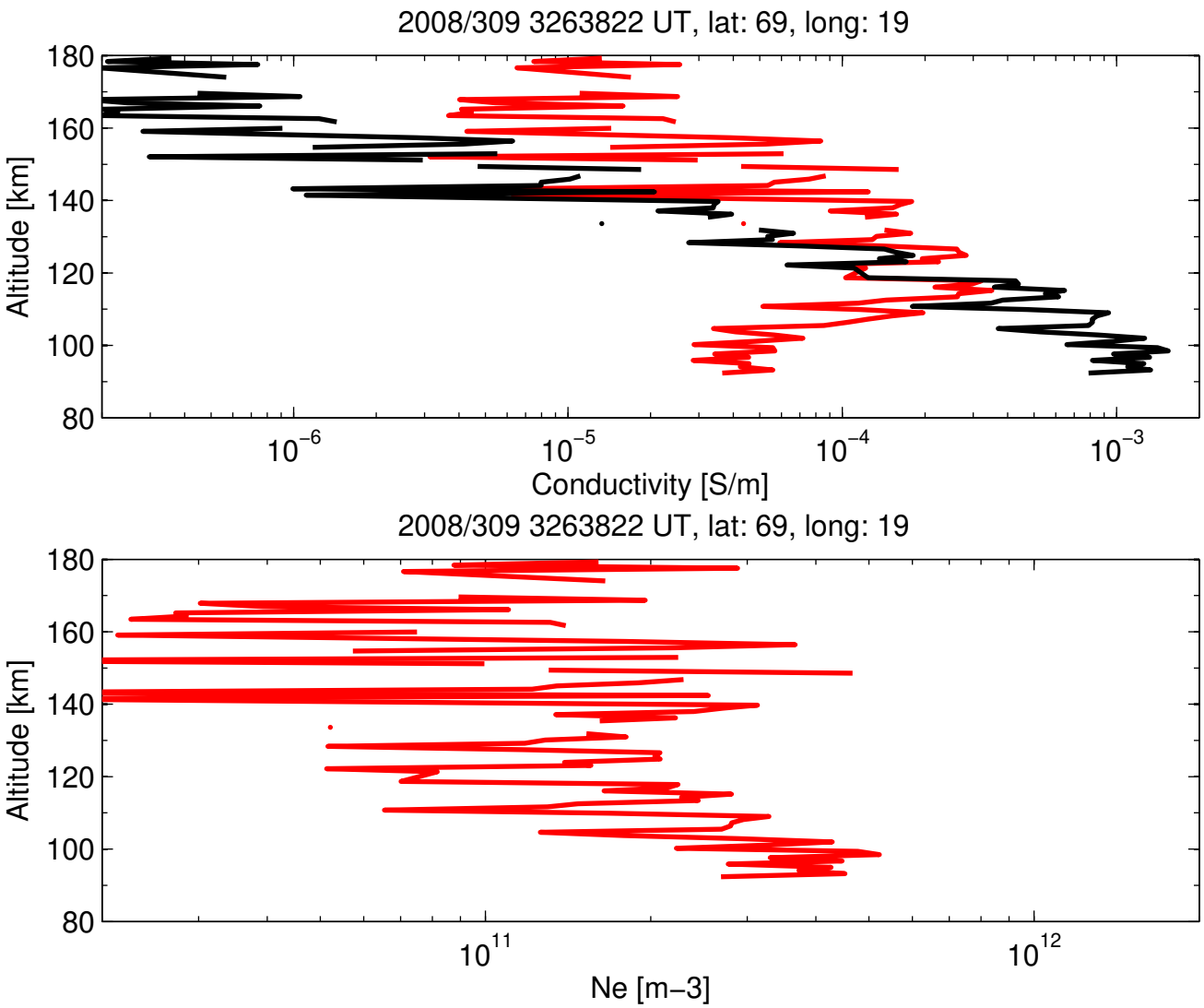
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3263822 UT, lat: 69, long: 19
Altitude [km]
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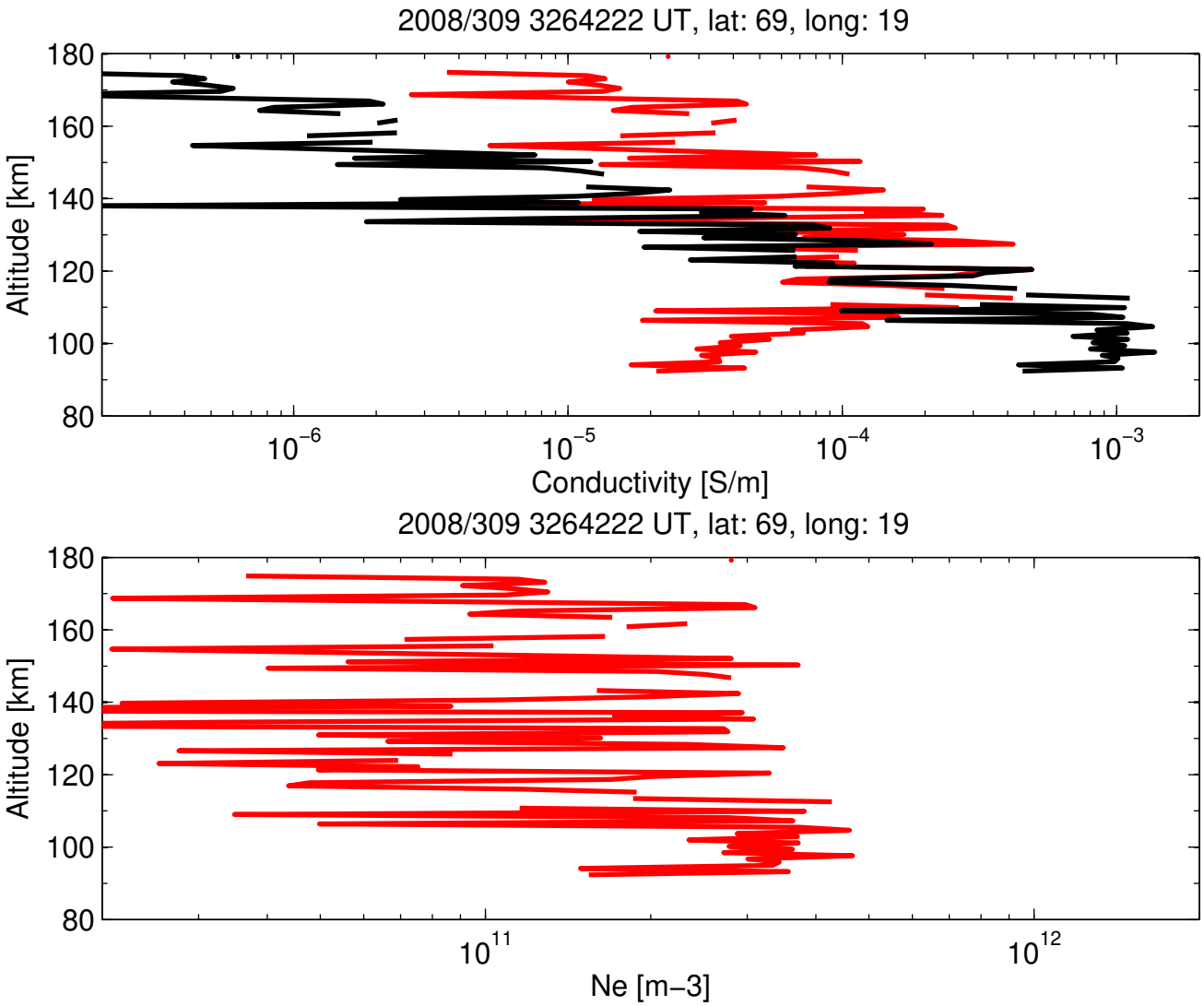
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3264222 UT, lat: 69, long: 19
Altitude [km]
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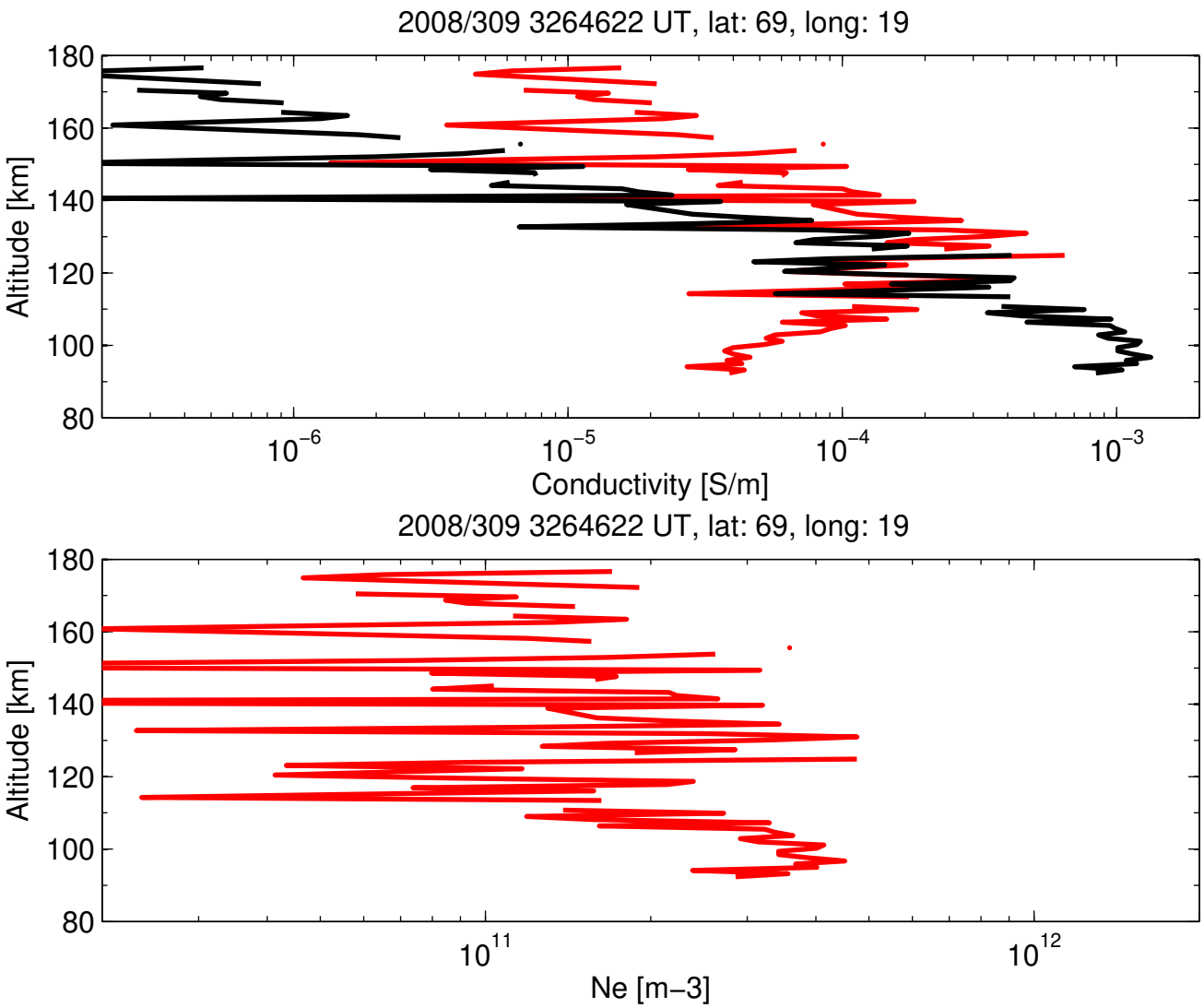
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3264622 UT, lat: 69, long: 19
Altitude [km]
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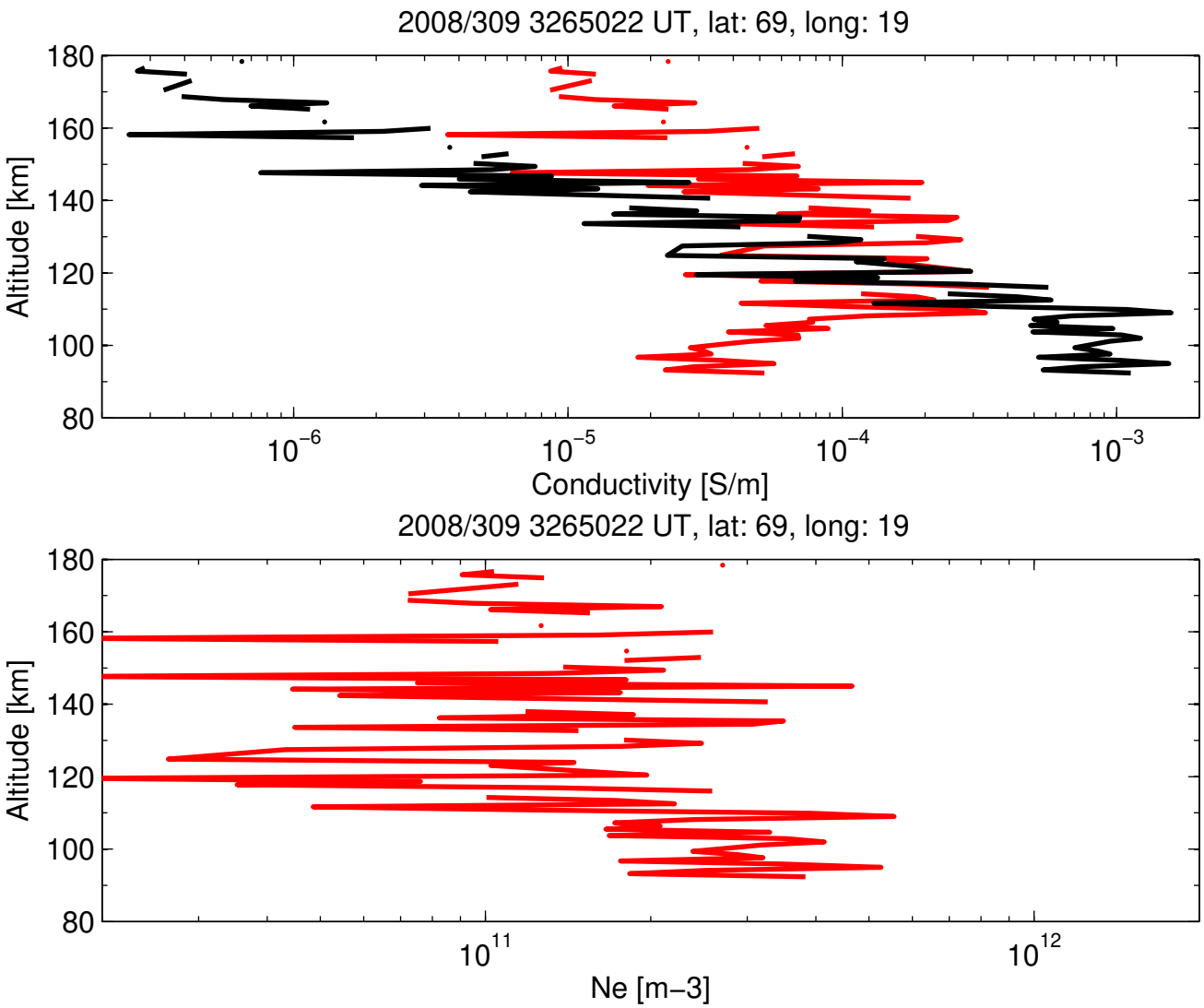
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3265022 UT, lat: 69, long: 19
Altitude [km]
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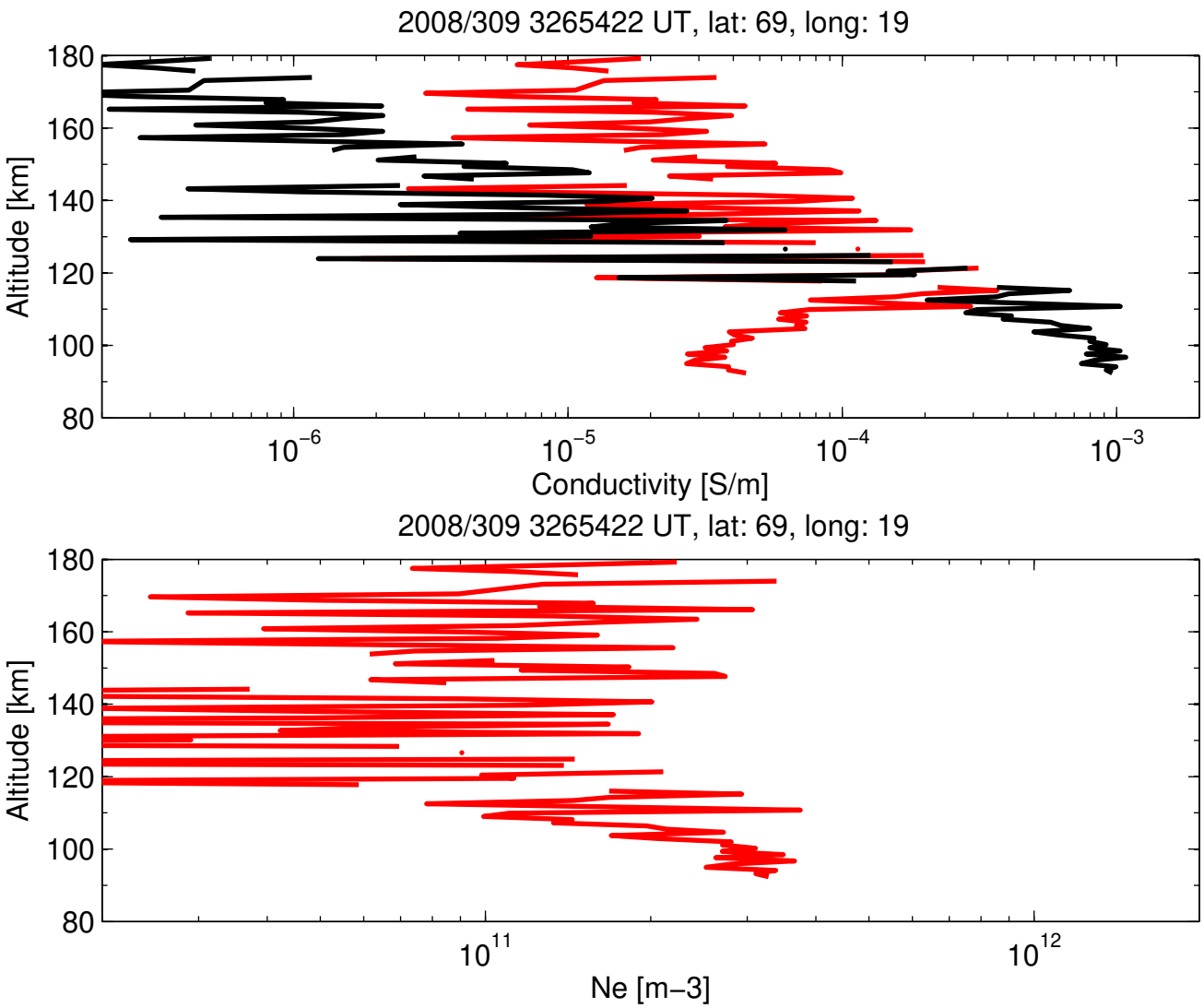
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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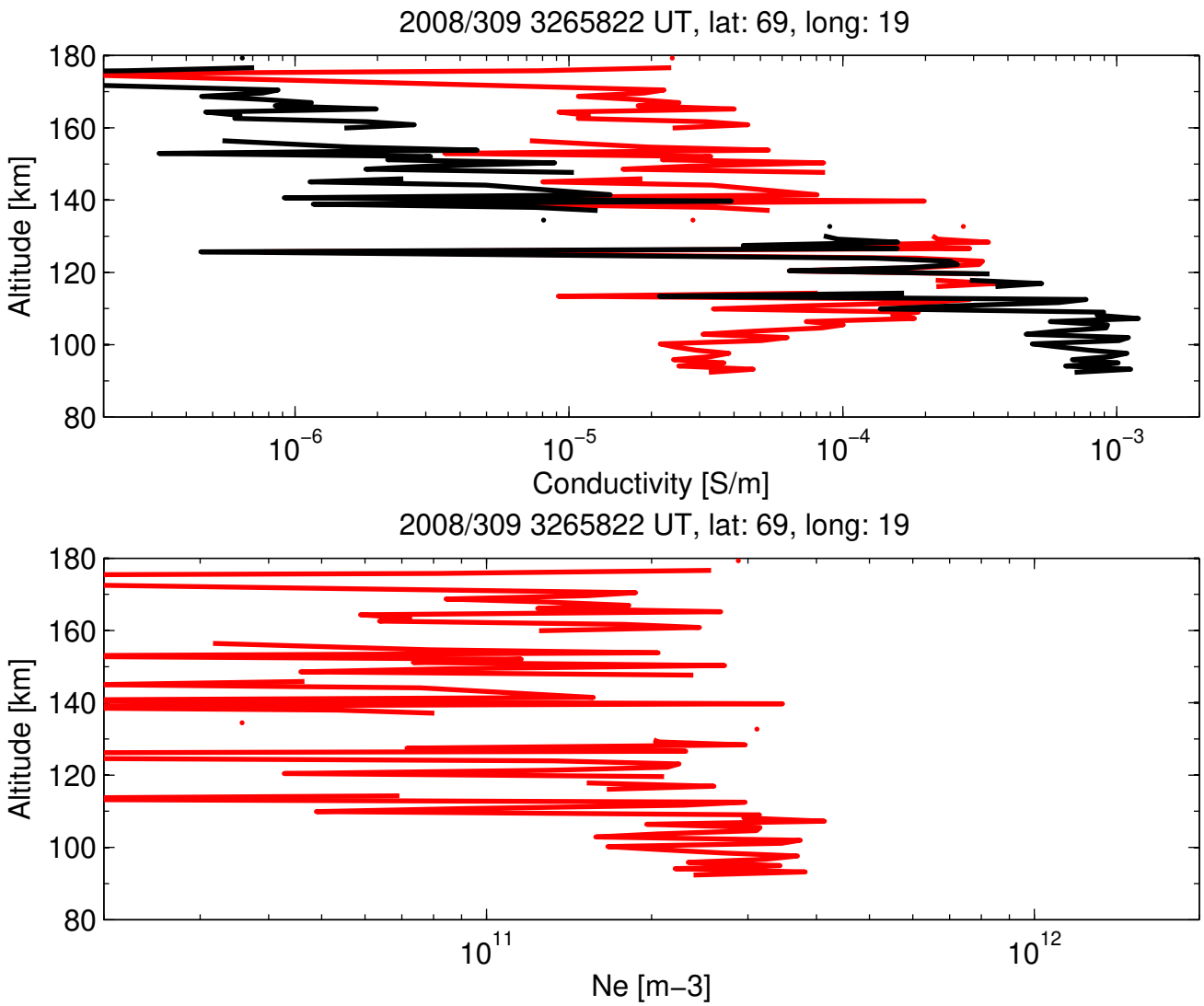
10^{12}
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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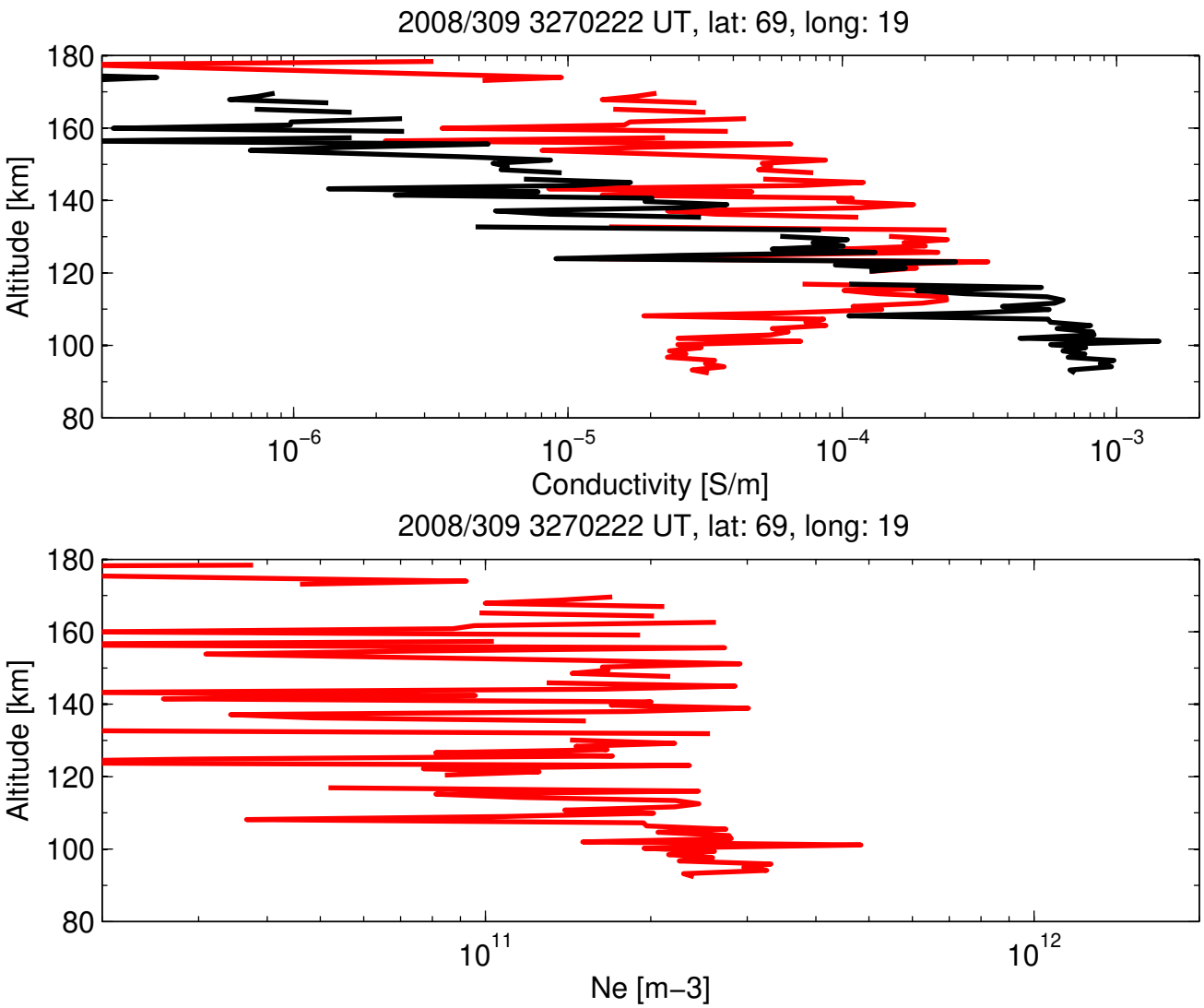
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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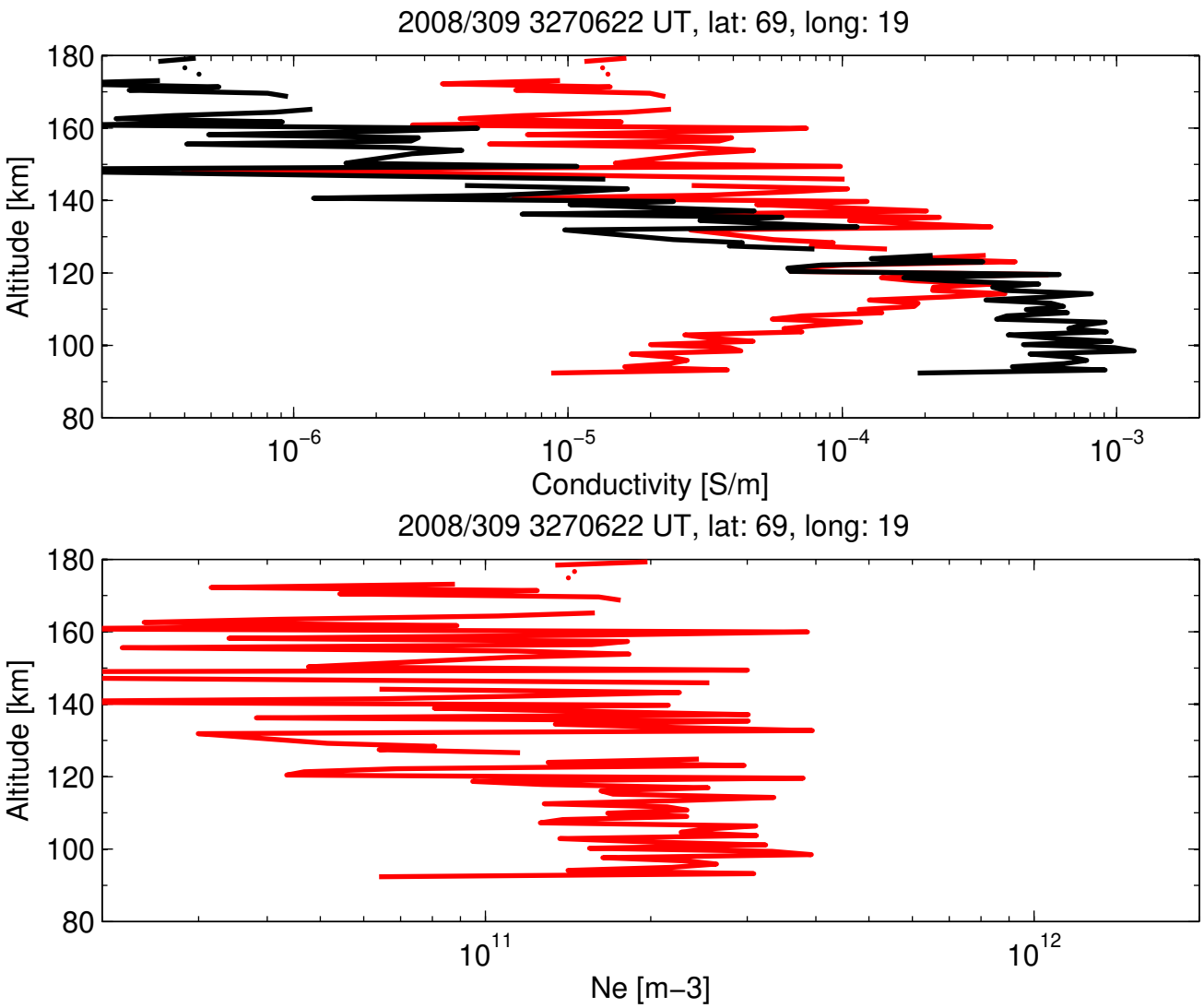
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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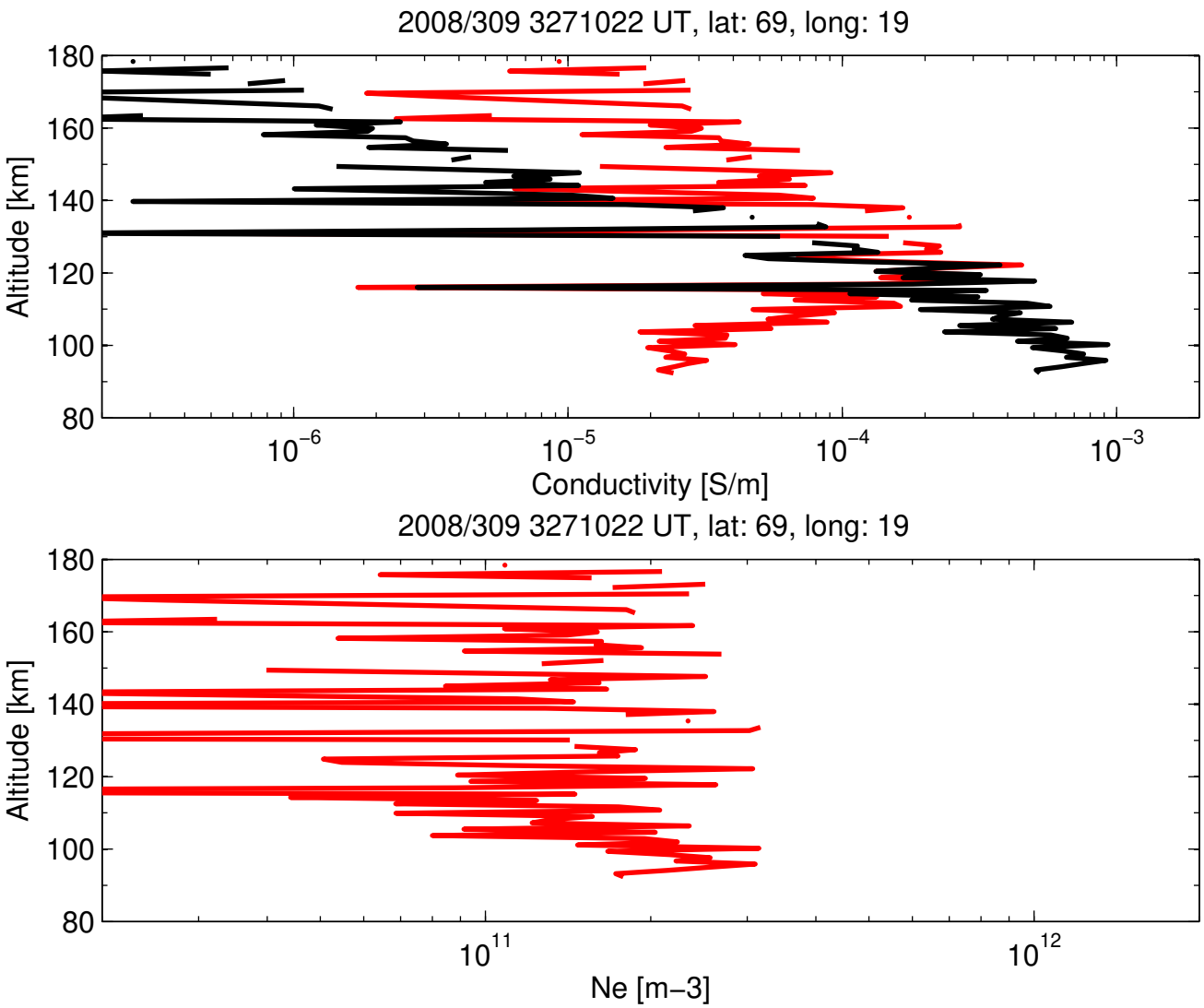
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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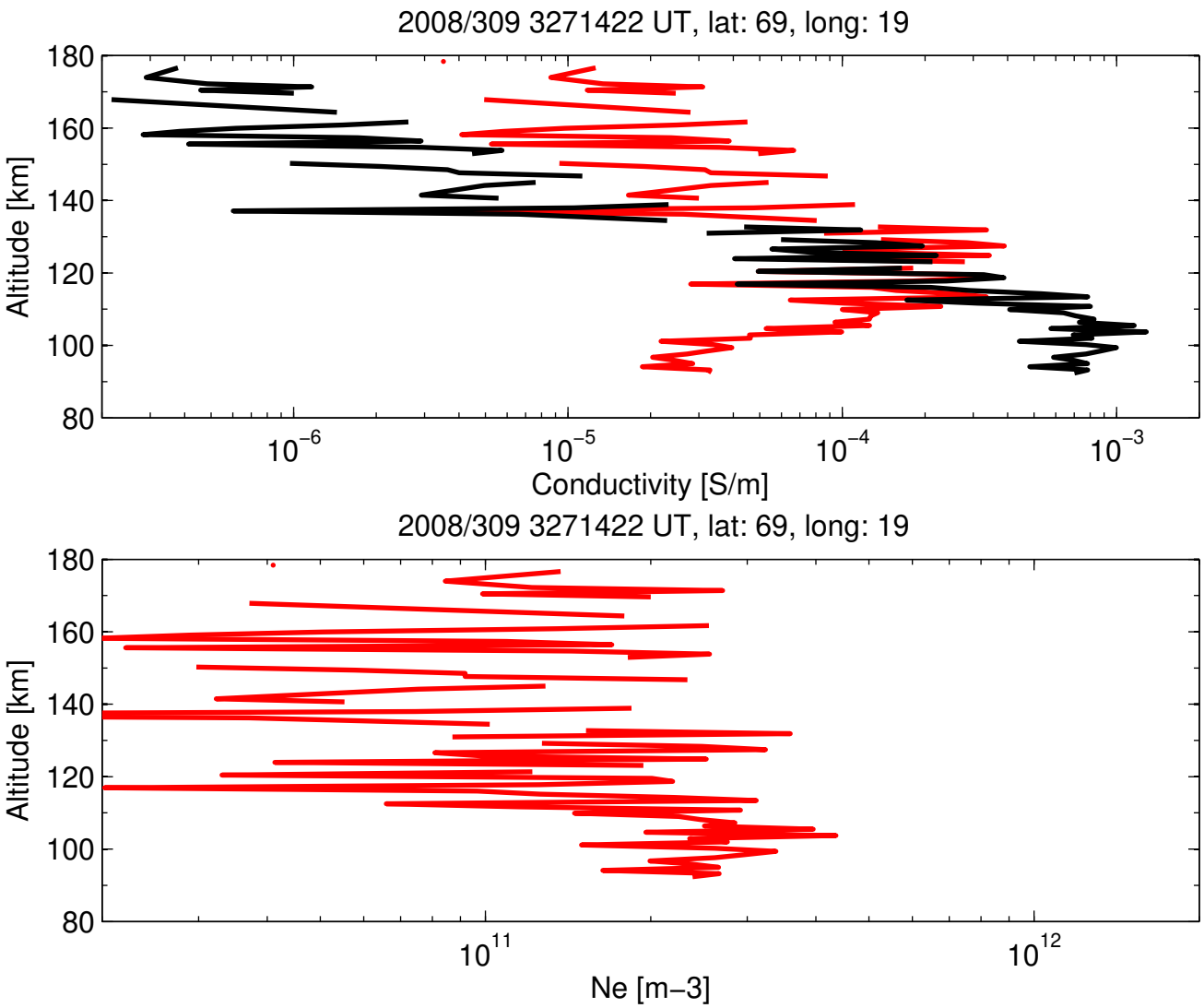
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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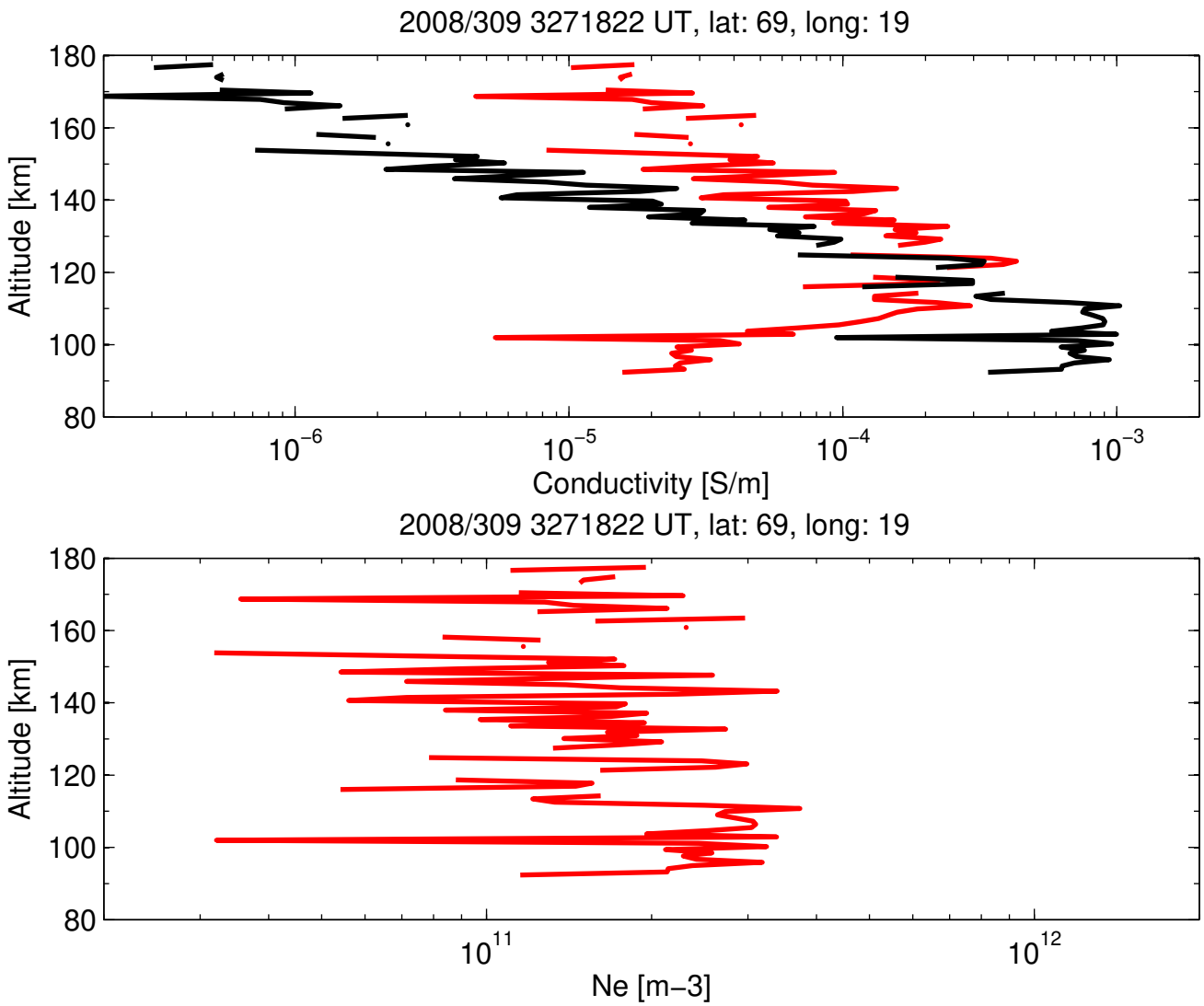
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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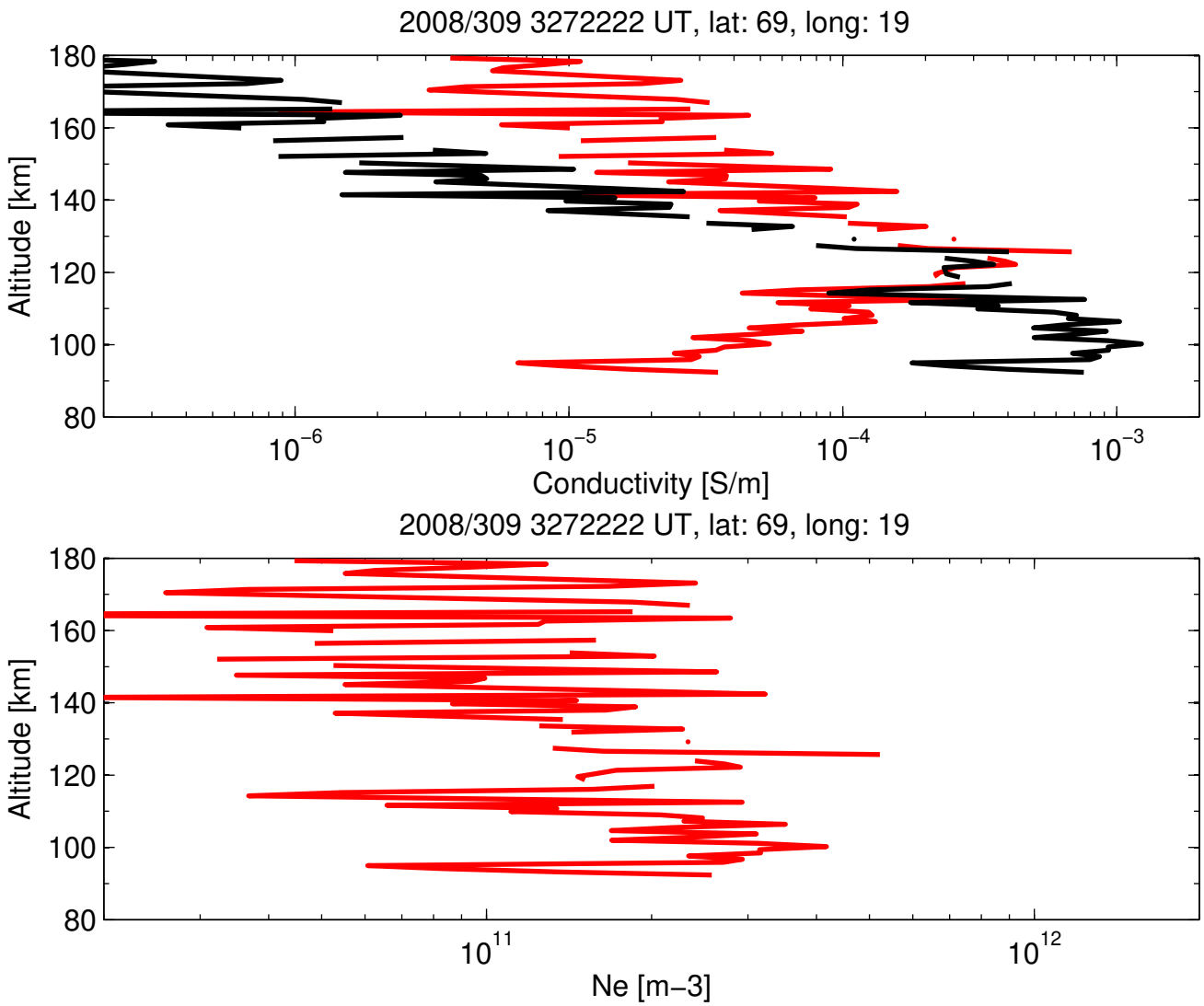
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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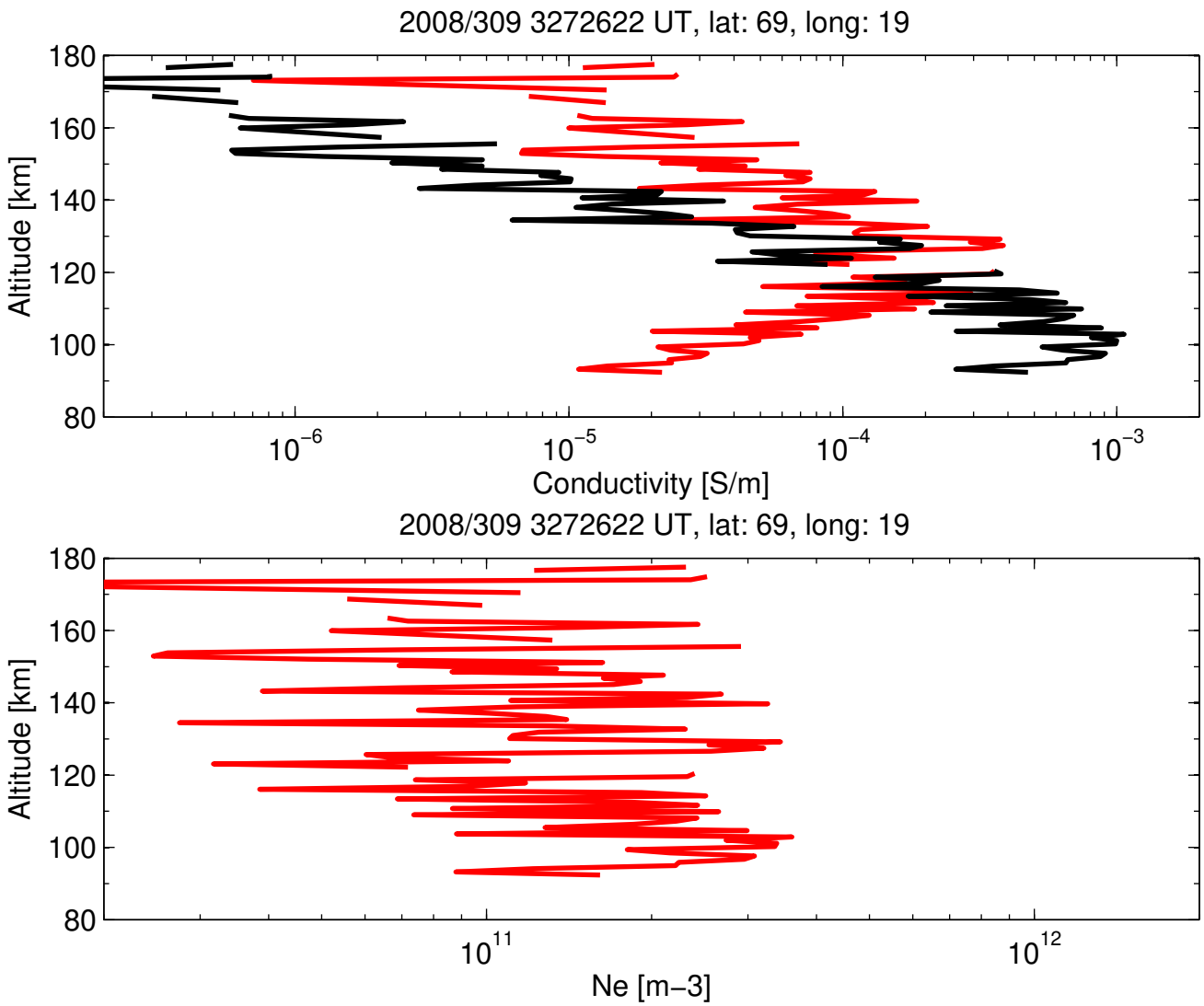
Ne [m−3]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Altitude [km]
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10^{-5}
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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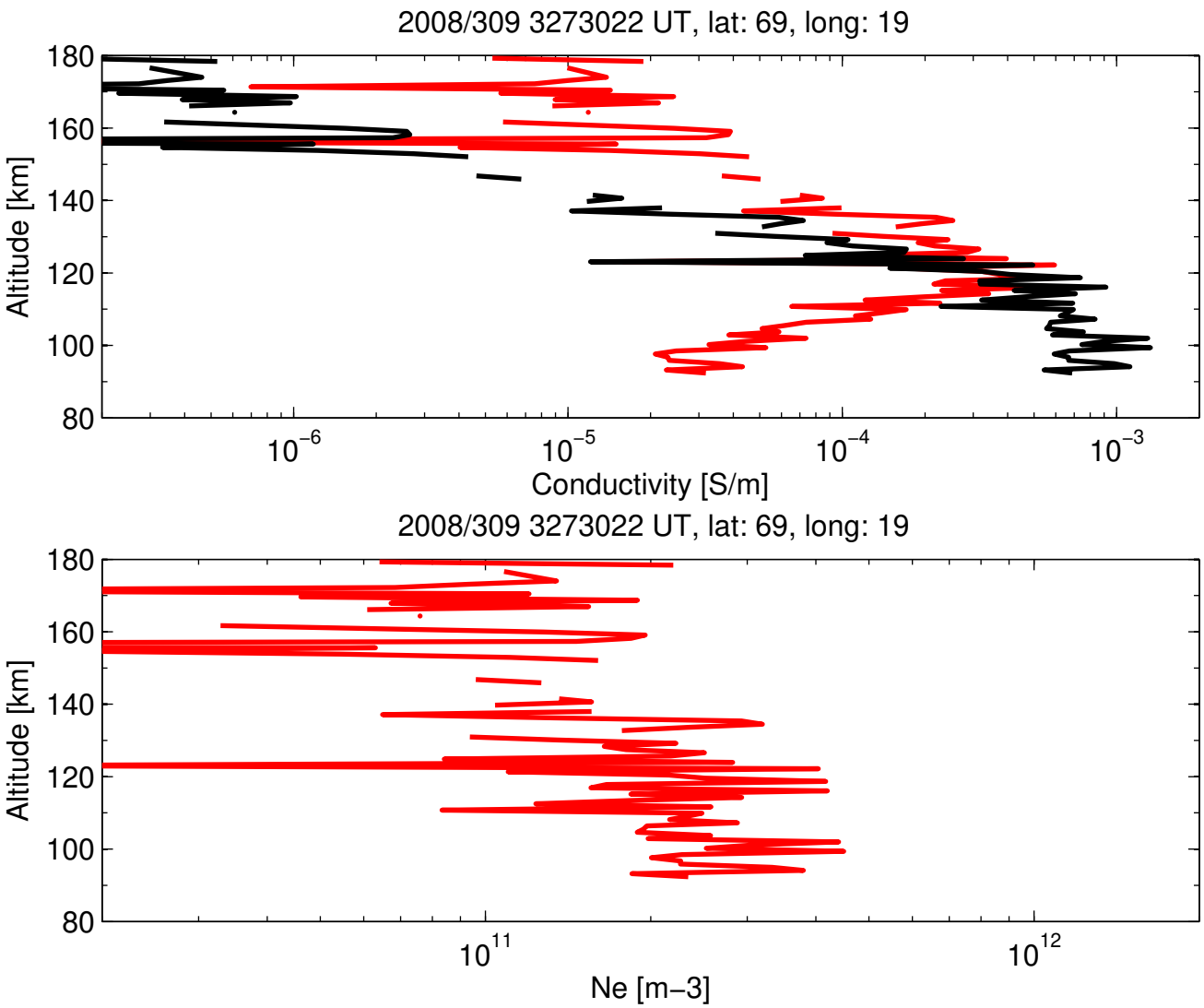
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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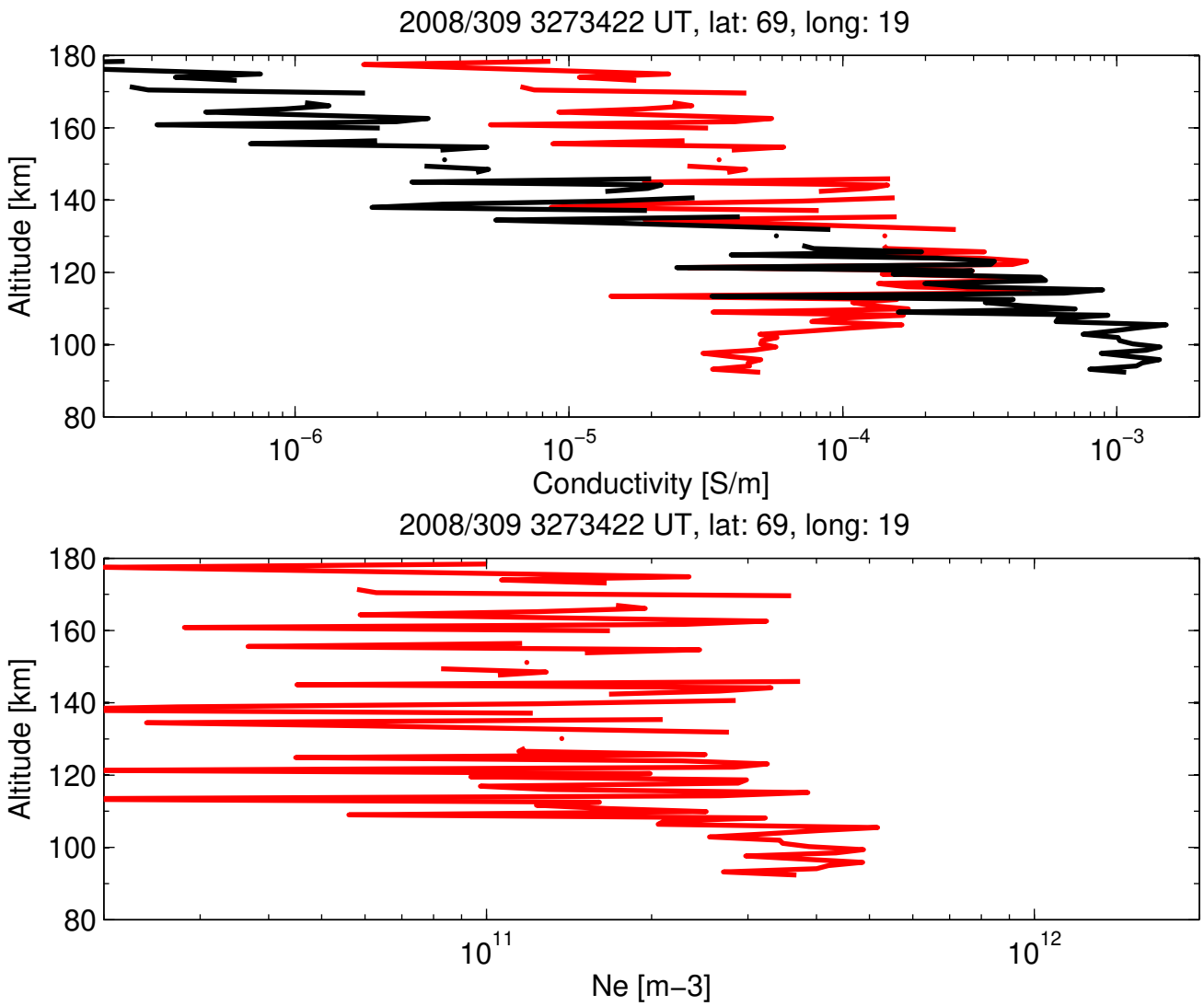
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3273422 UT, lat: 69, long: 19
Altitude [km]
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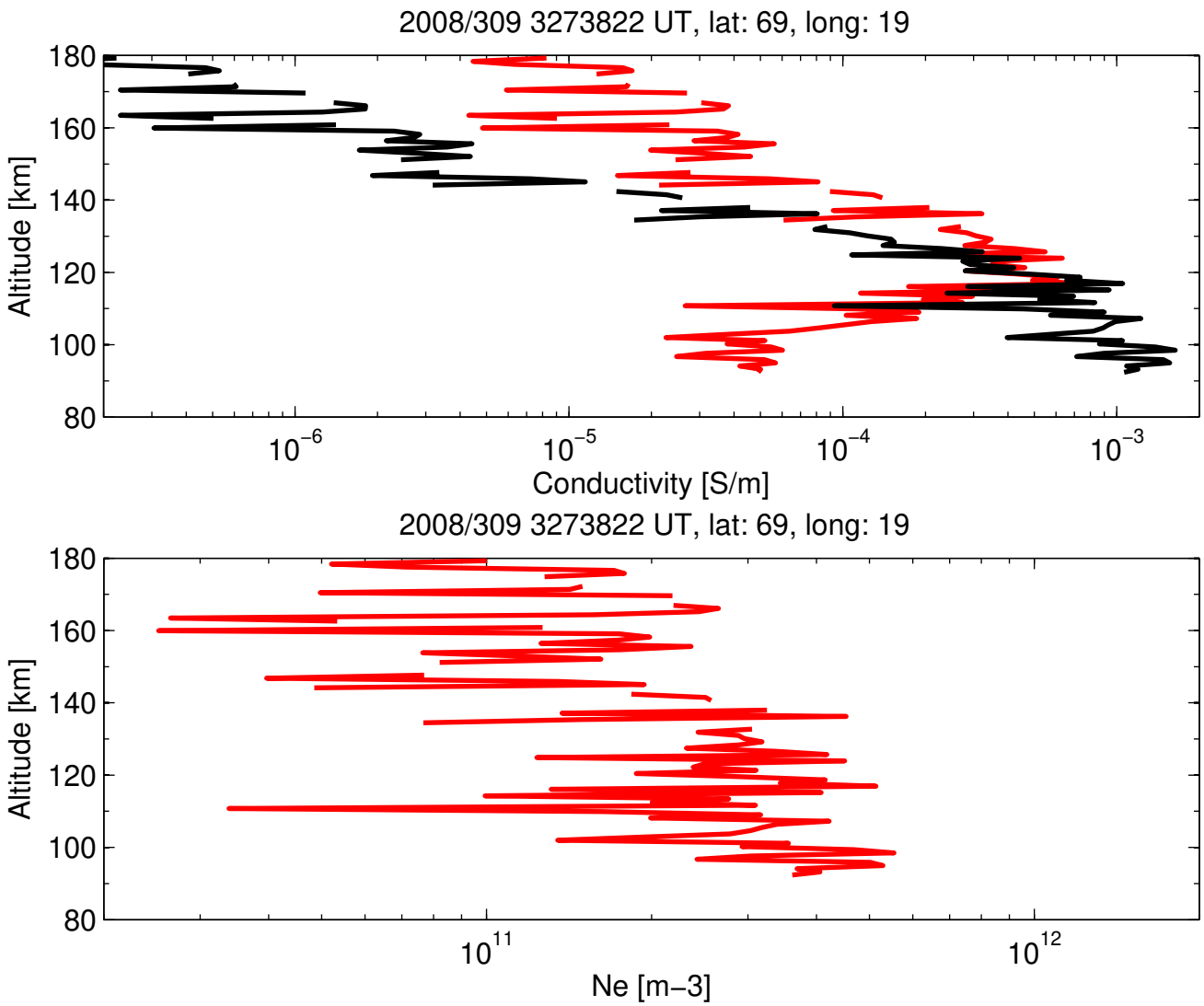
10^{12}
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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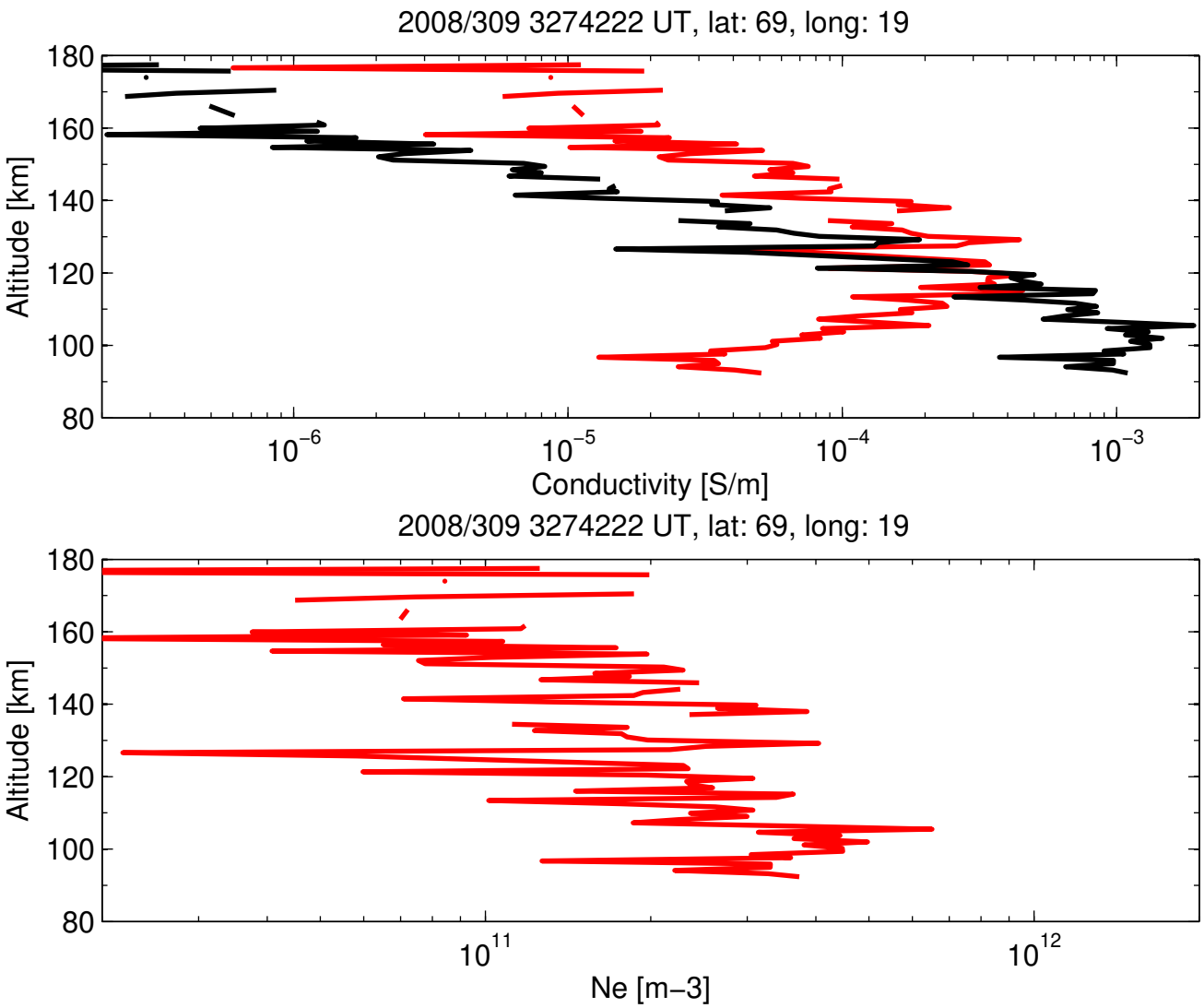
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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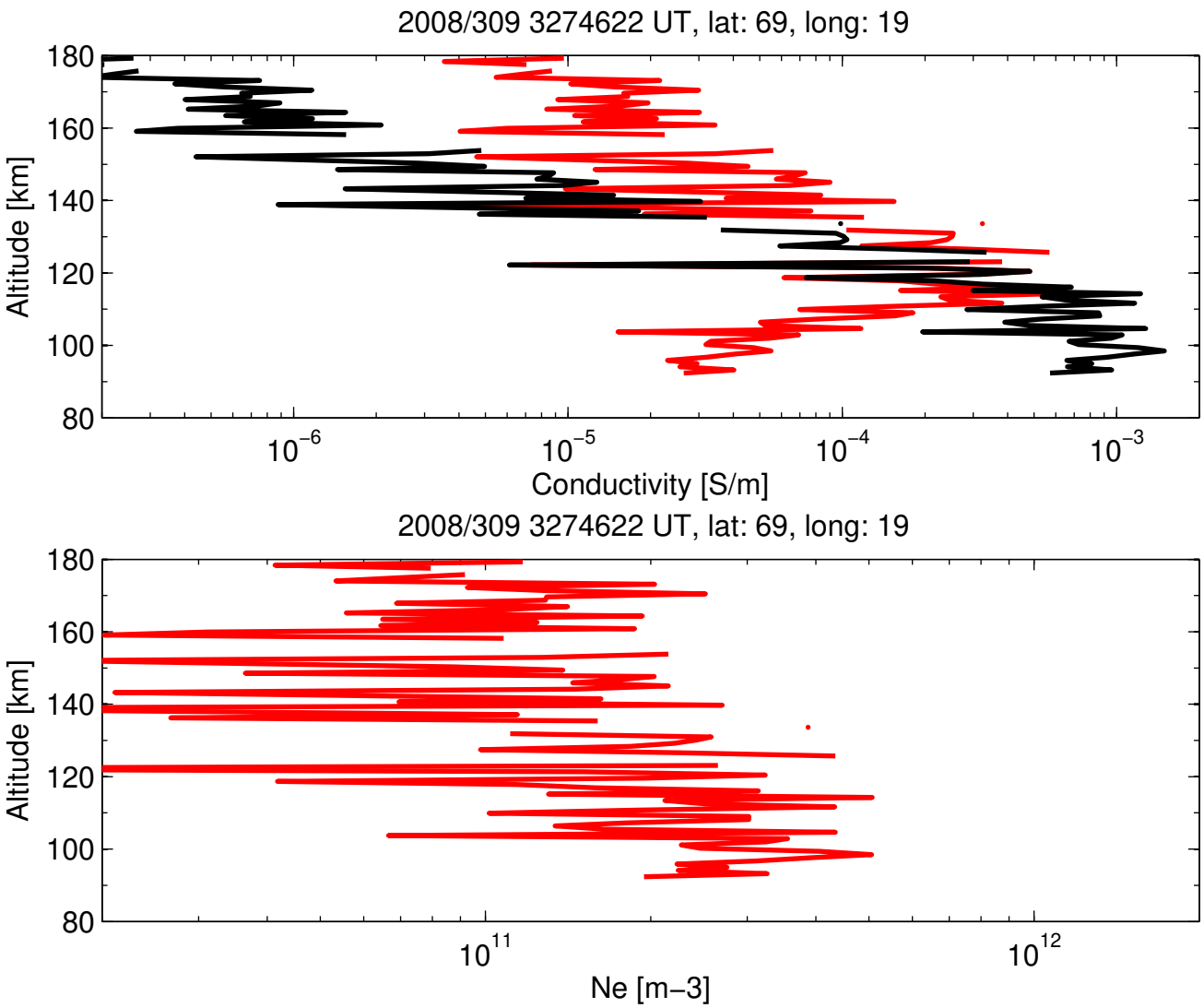
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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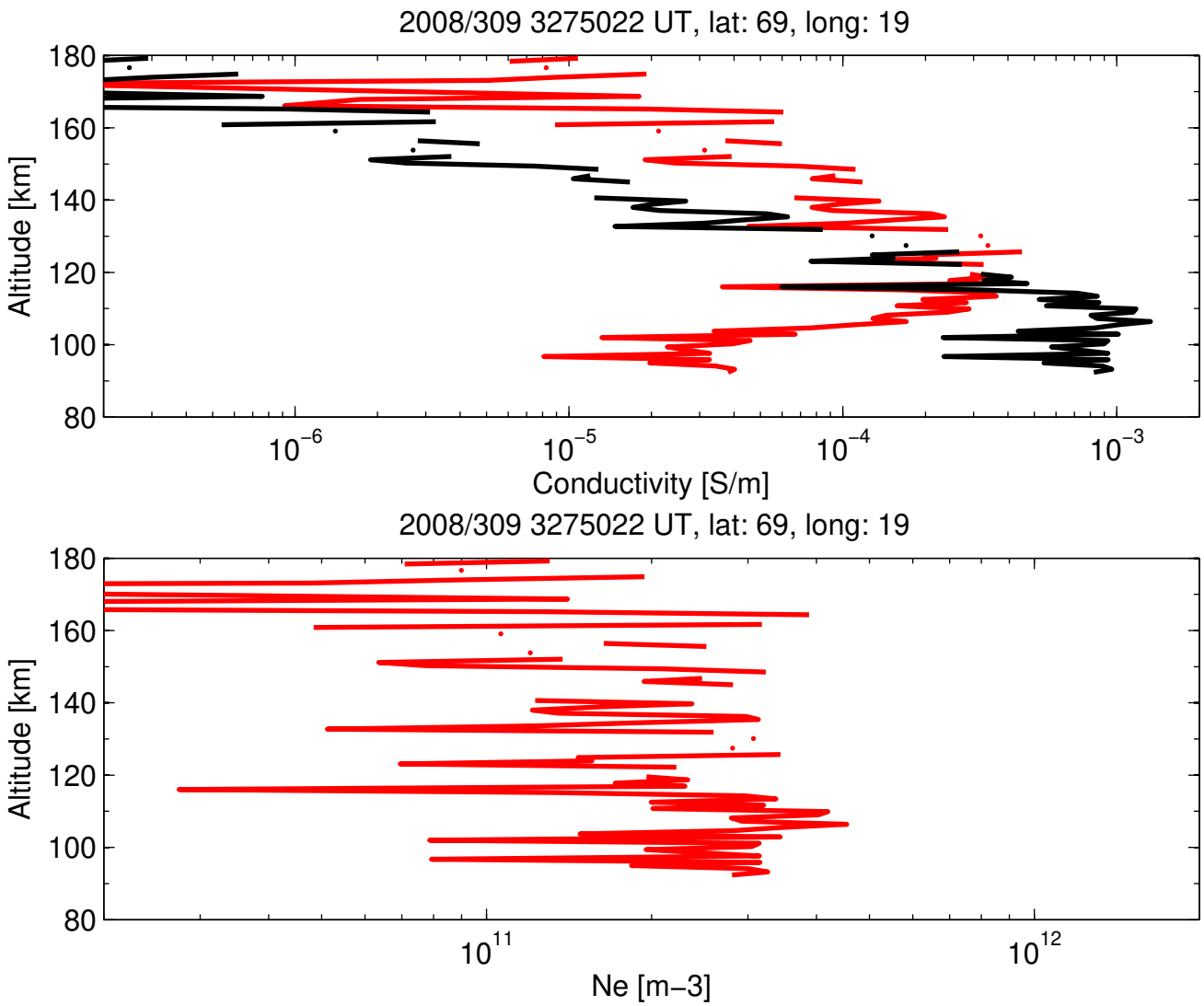
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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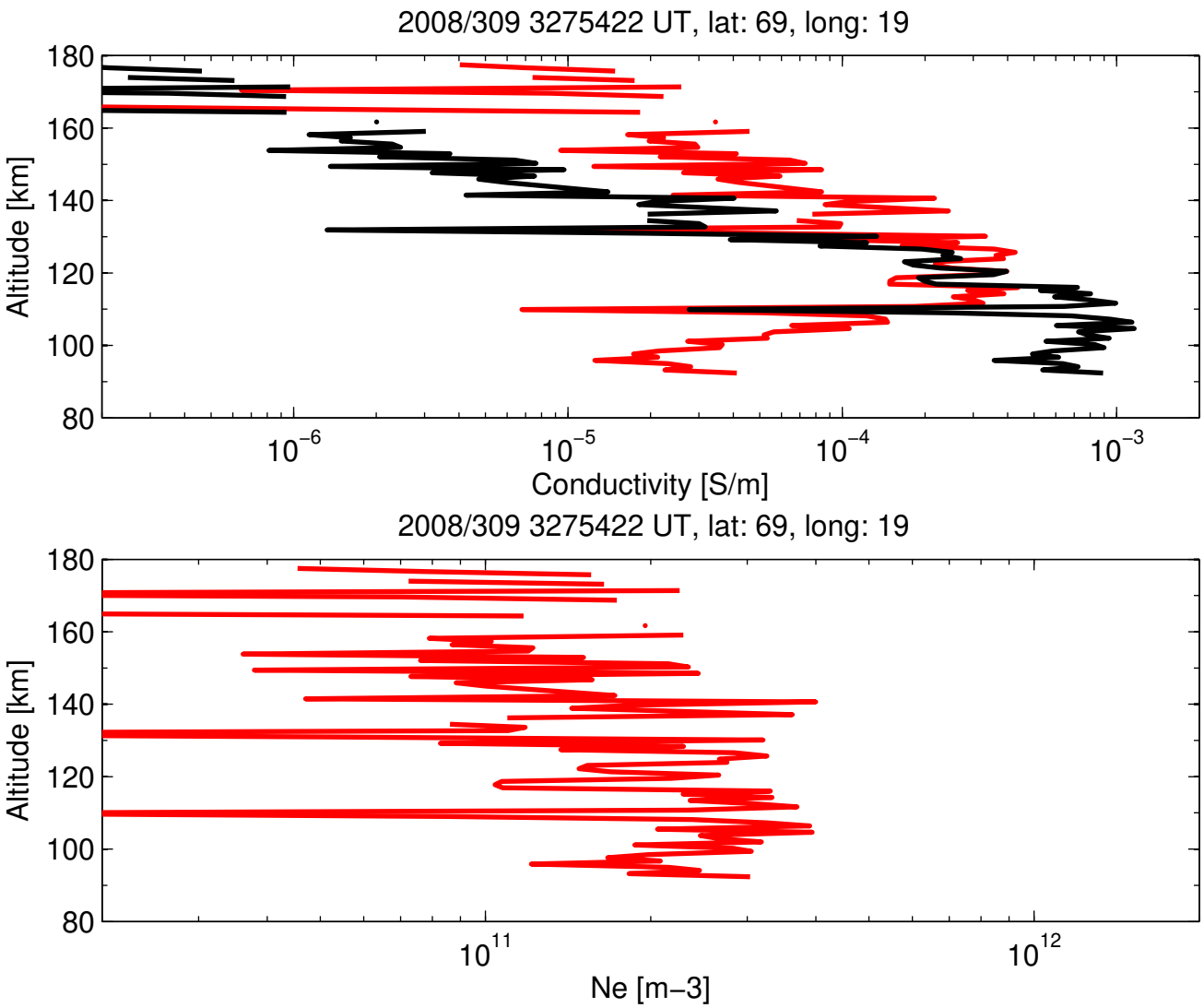
Ne [m−3]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Altitude [km]
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Conductivity [S/m]
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Altitude [km]
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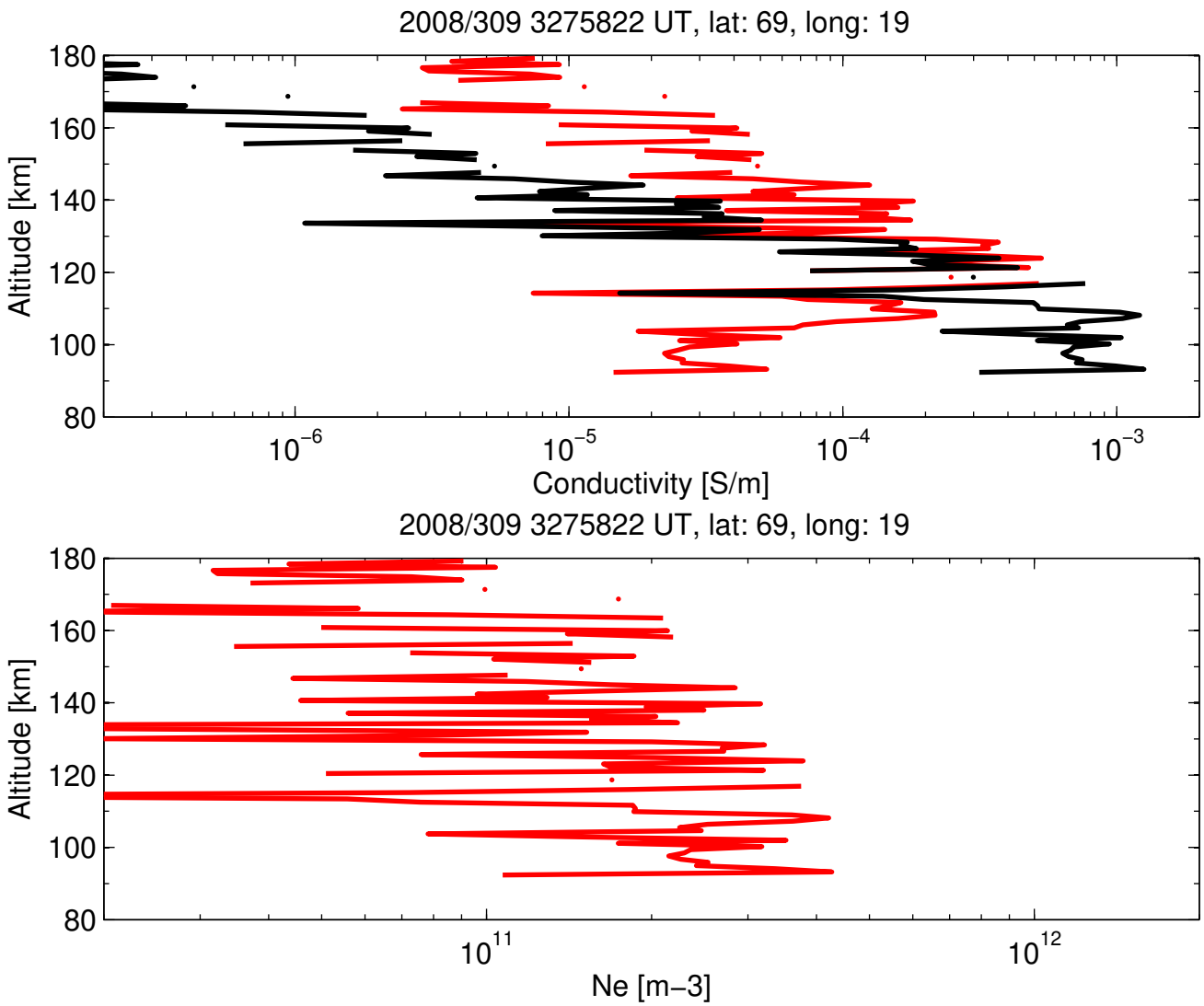
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3275822 UT, lat: 69, long: 19
Altitude [km]
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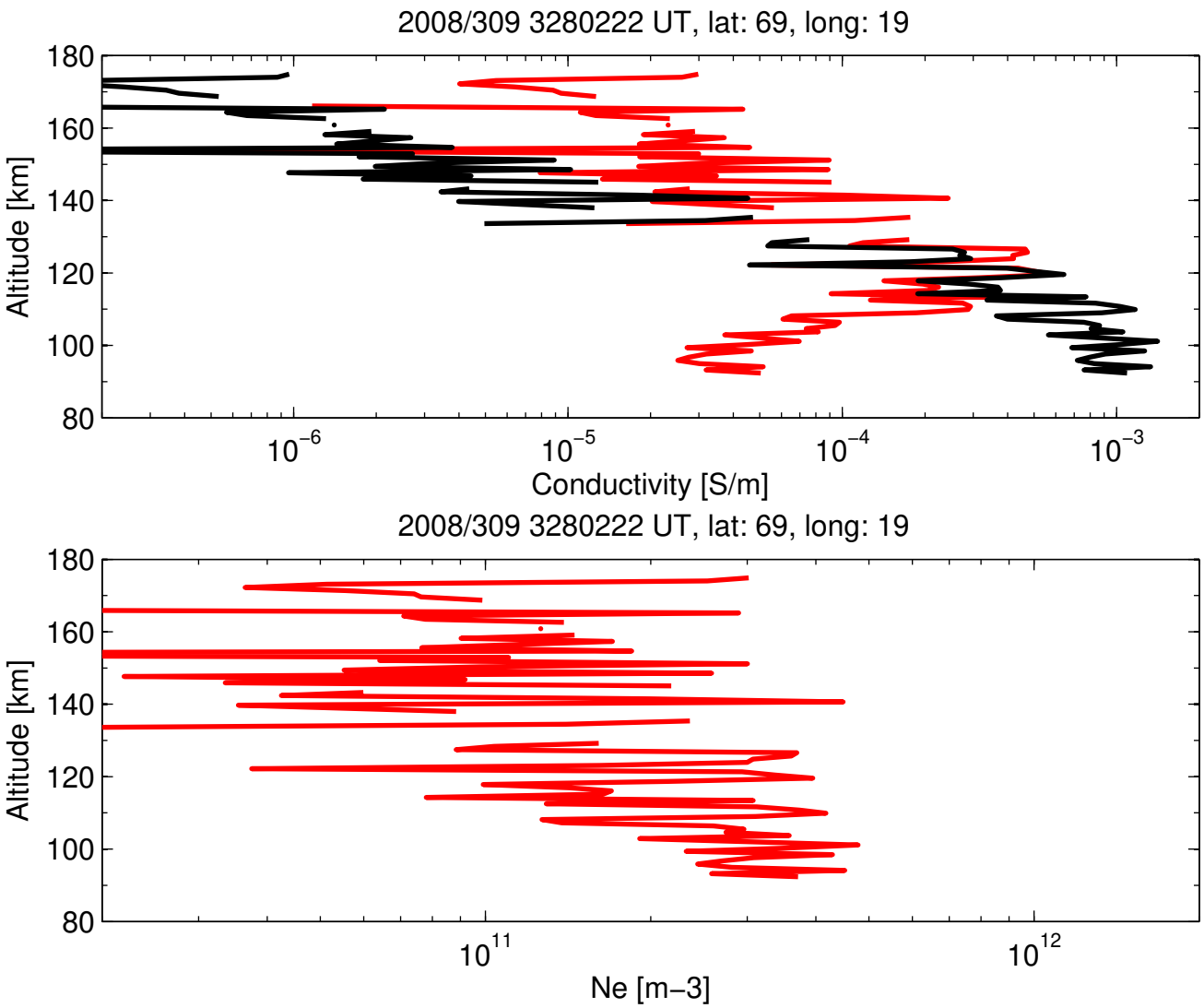
Ne [m−3]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Altitude [km]
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160
140
120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3280222 UT, lat: 69, long: 19
Altitude [km]
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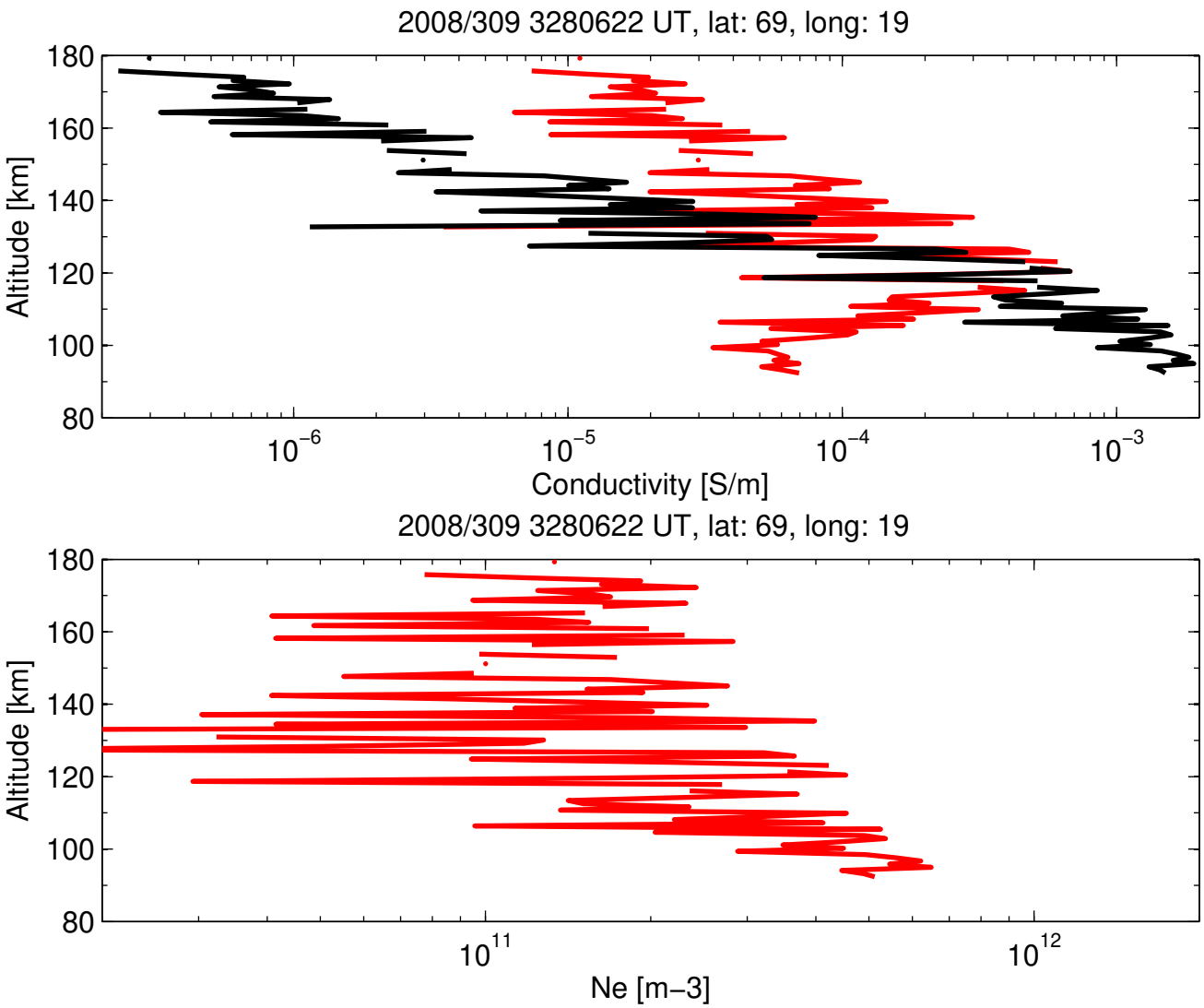
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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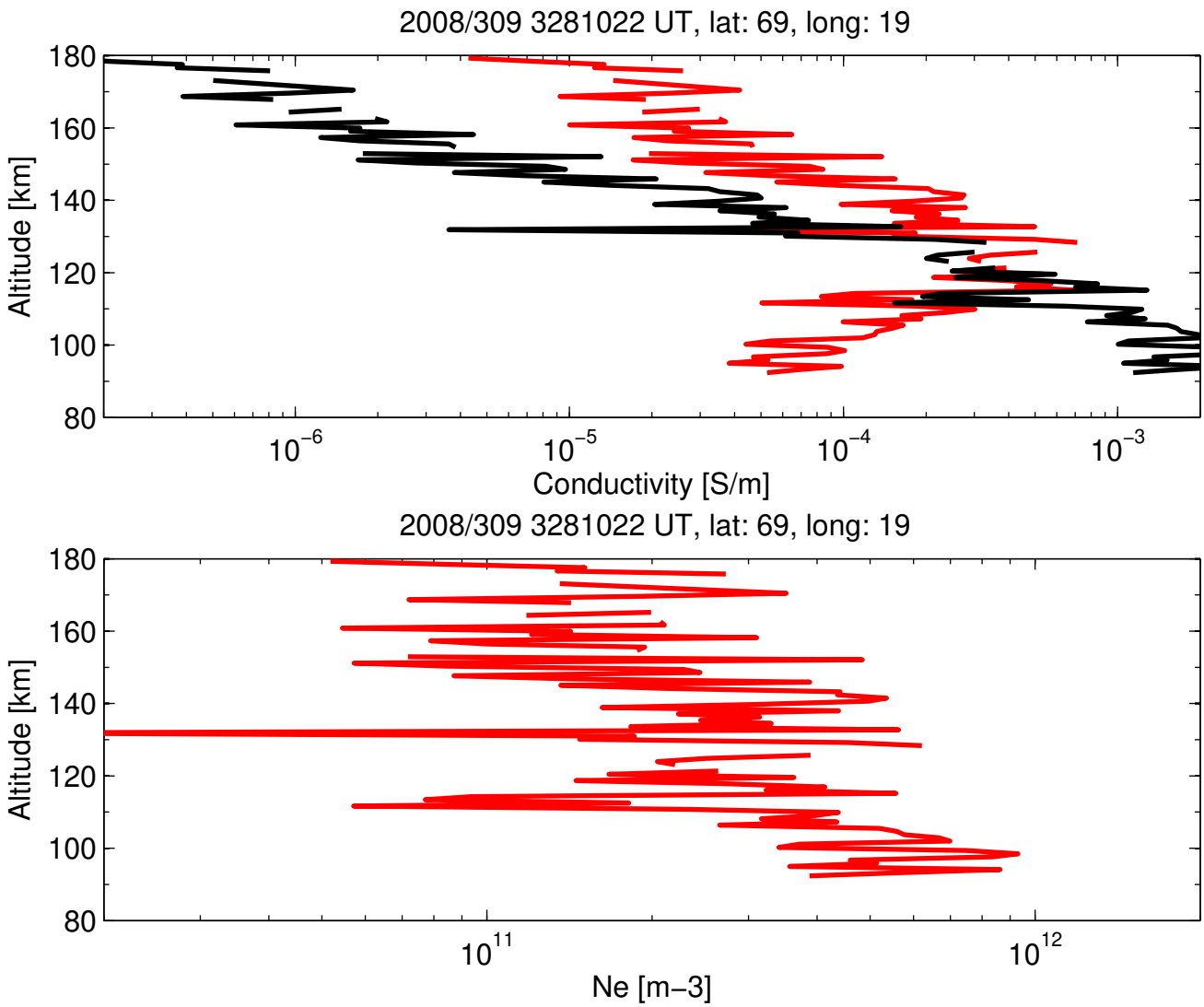
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3281022 UT, lat: 69, long: 19
Altitude [km]
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140
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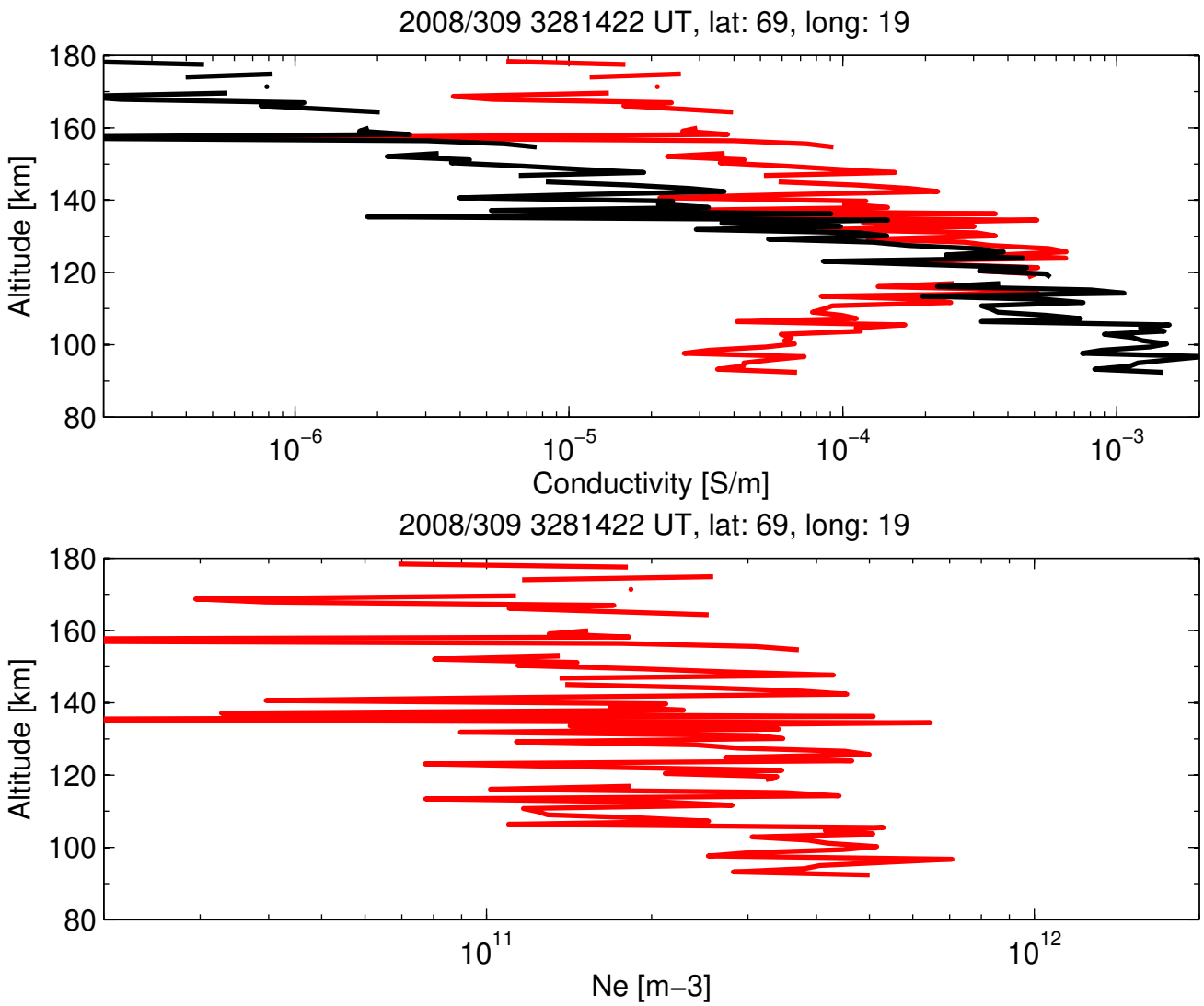
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3281422 UT, lat: 69, long: 19
Altitude [km]
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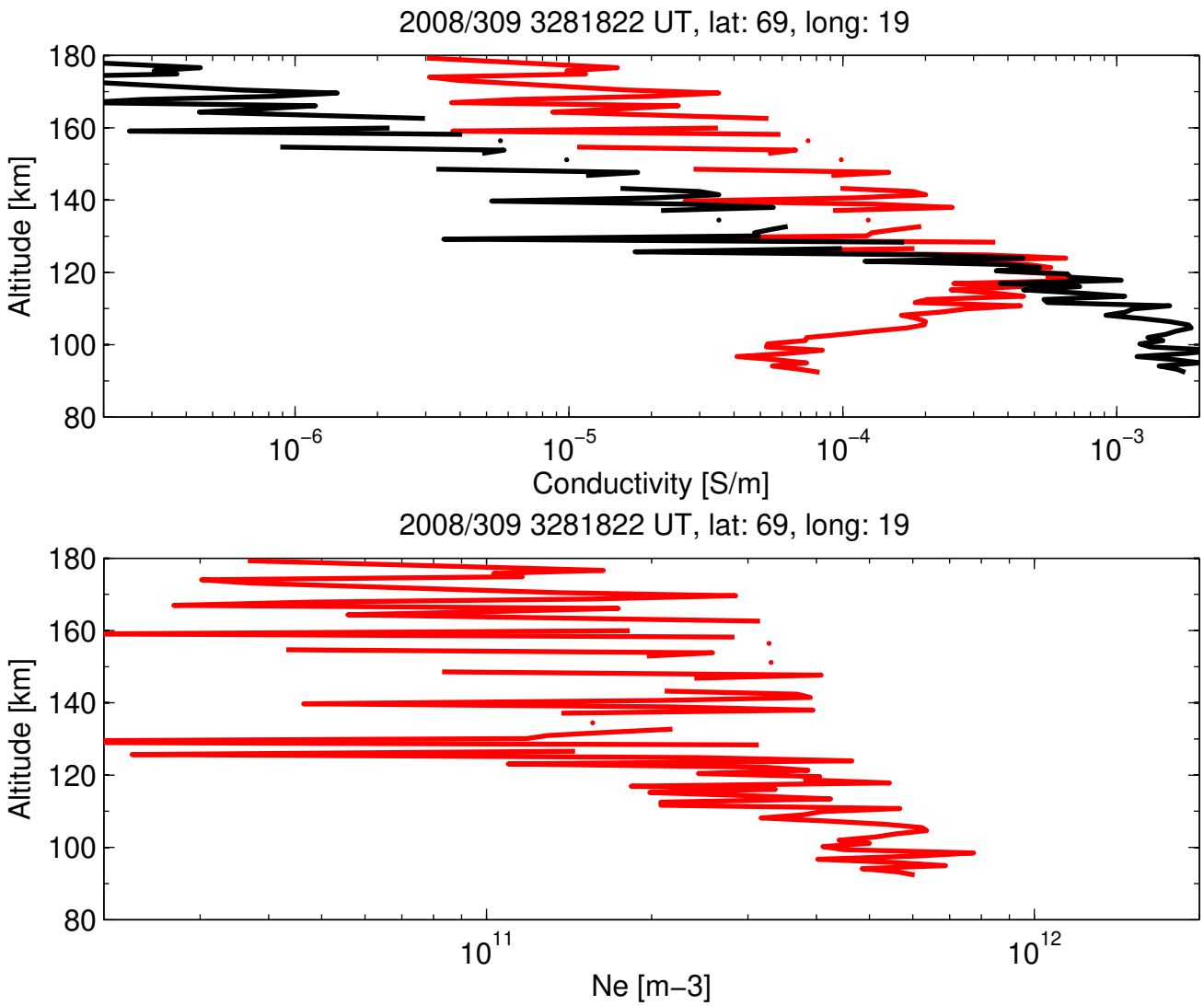
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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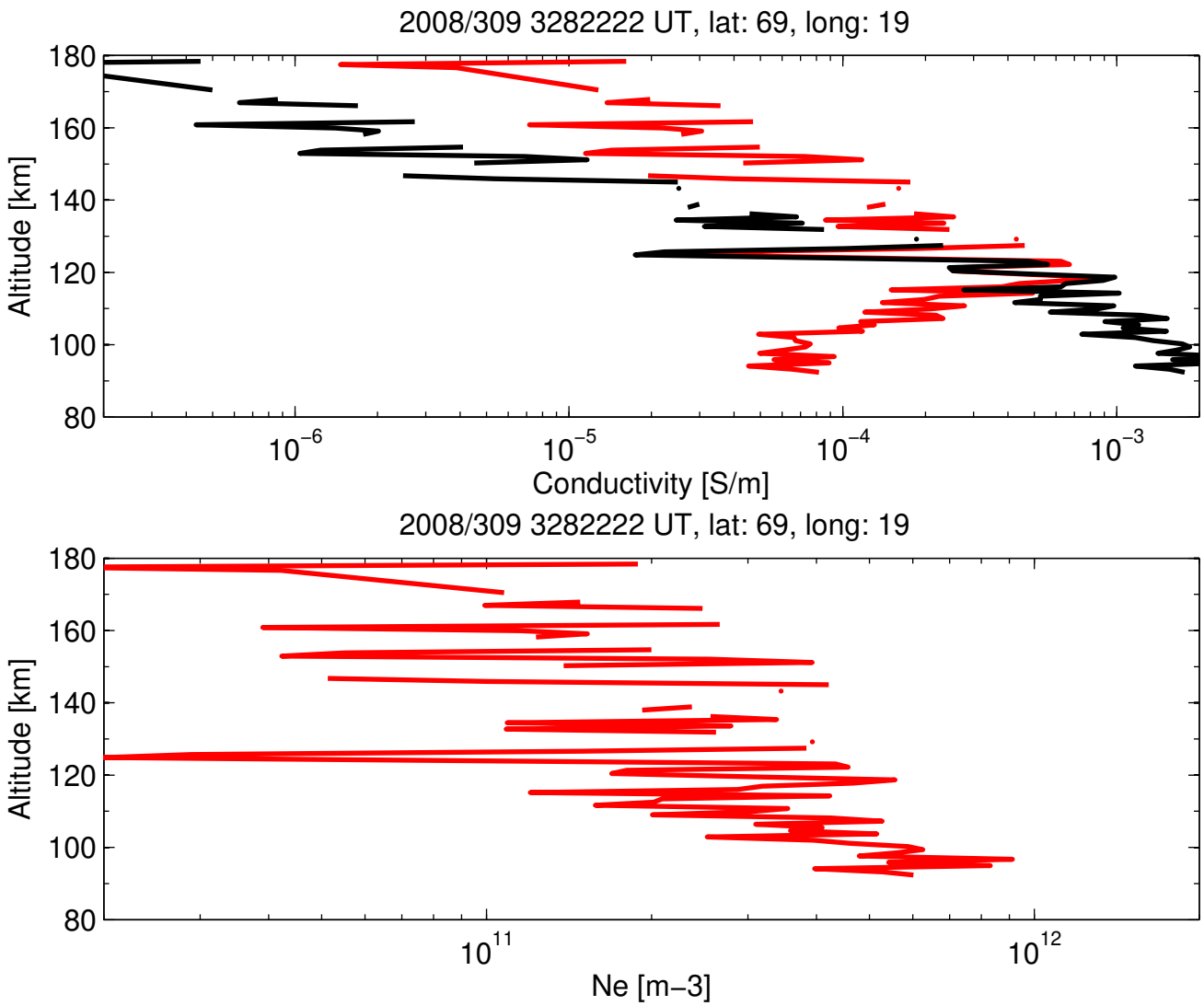
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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120
100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3282222 UT, lat: 69, long: 19
Altitude [km]
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160
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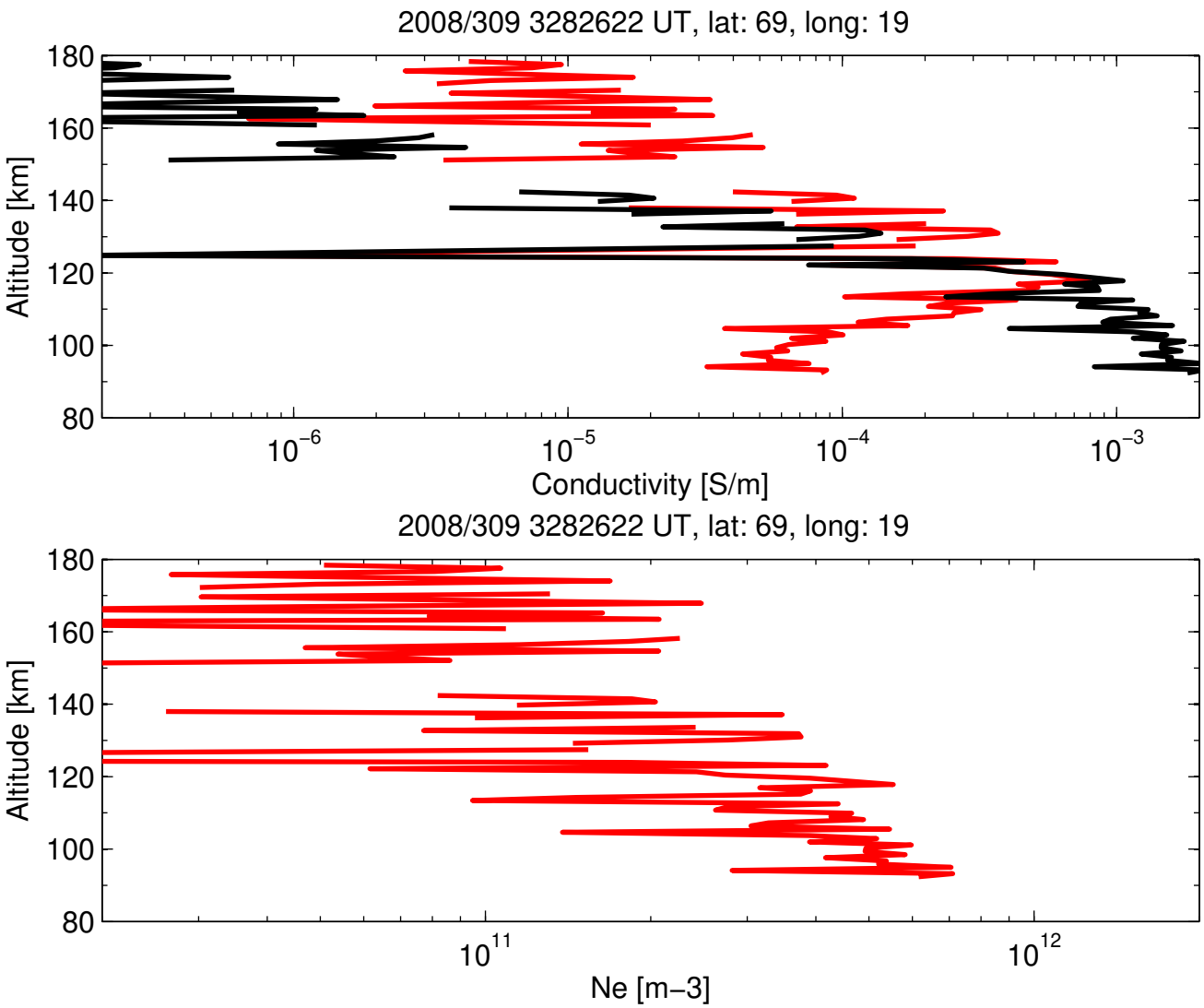
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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100
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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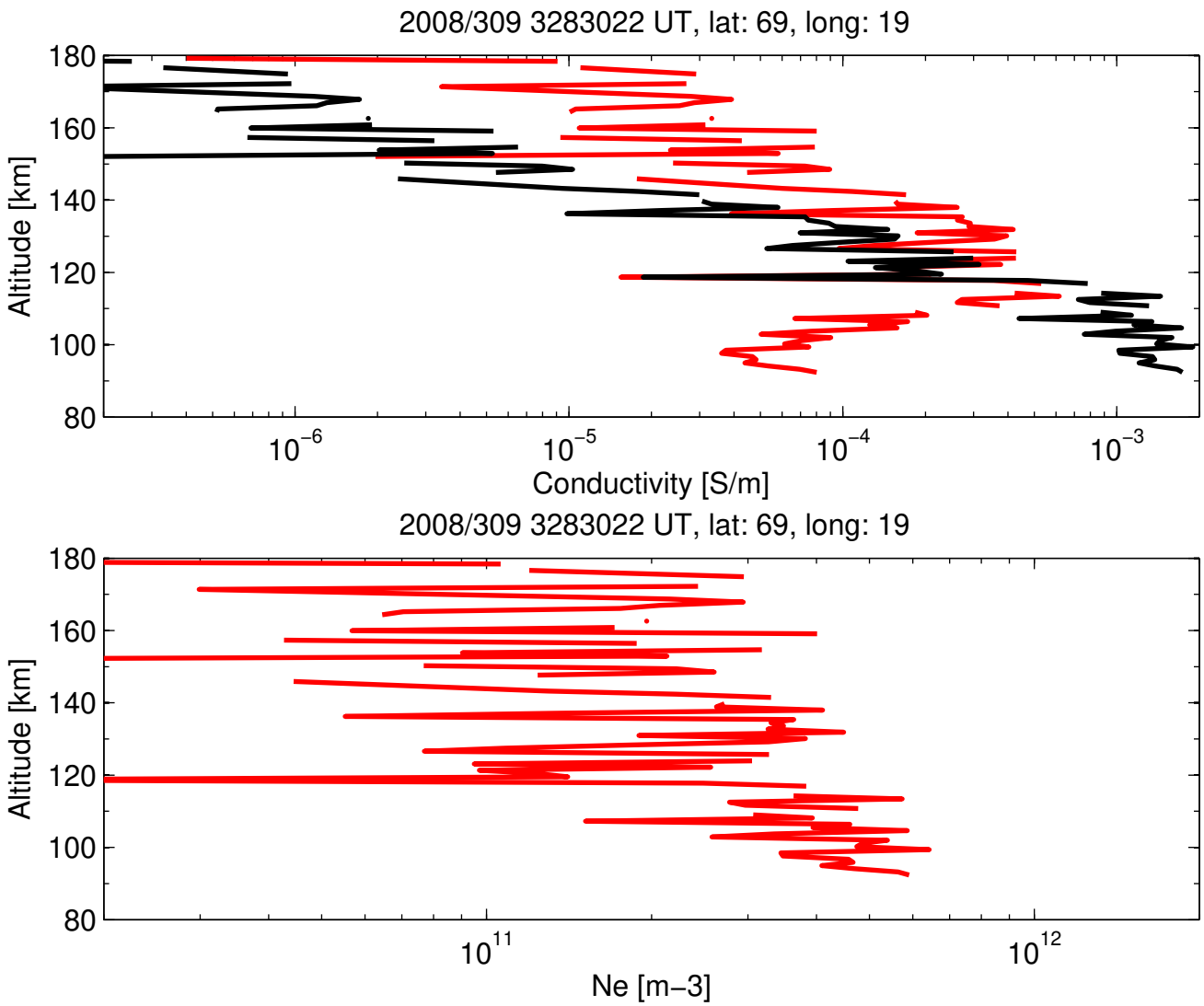
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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160
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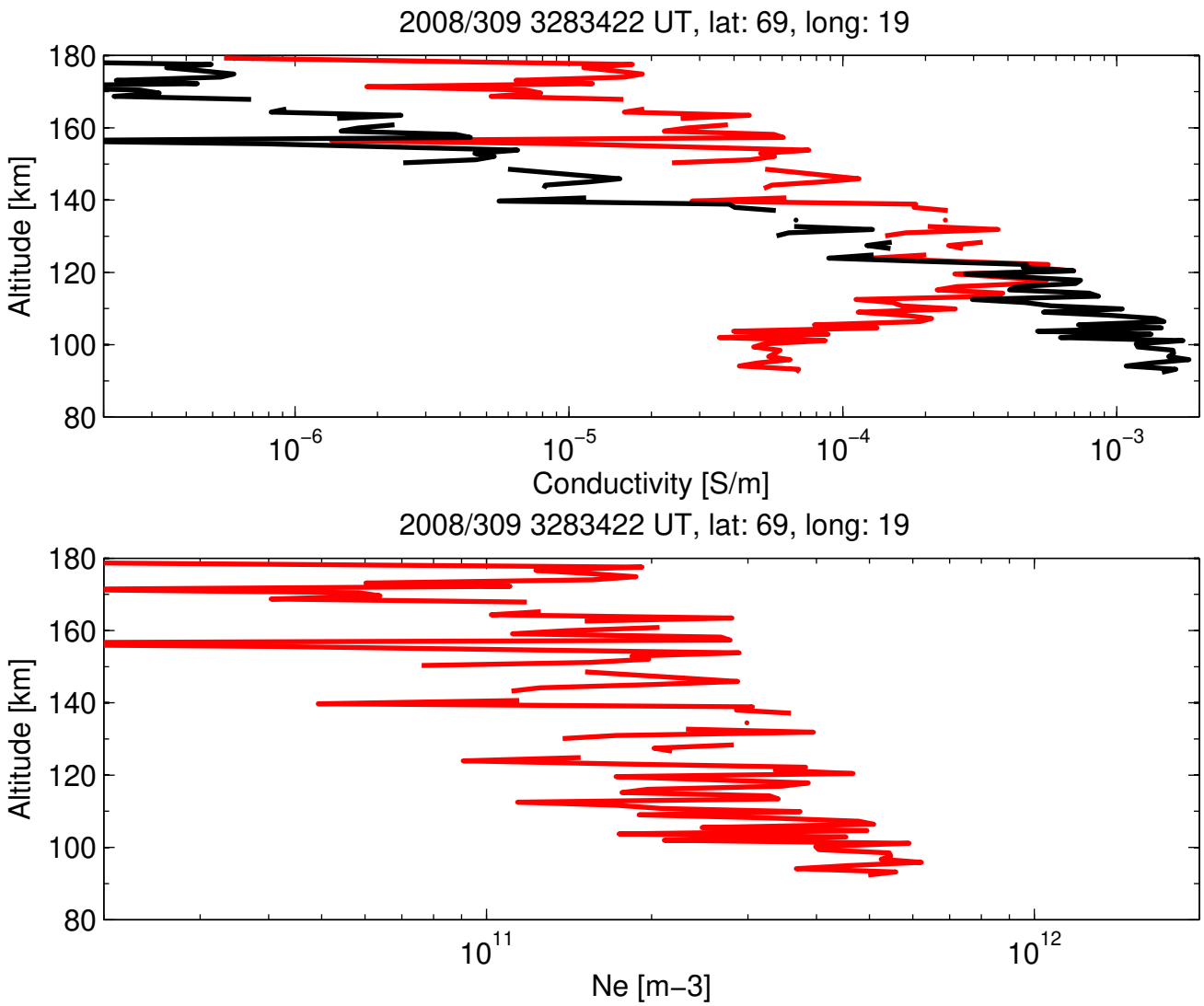
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3283422 UT, lat: 69, long: 19
Altitude [km]
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160
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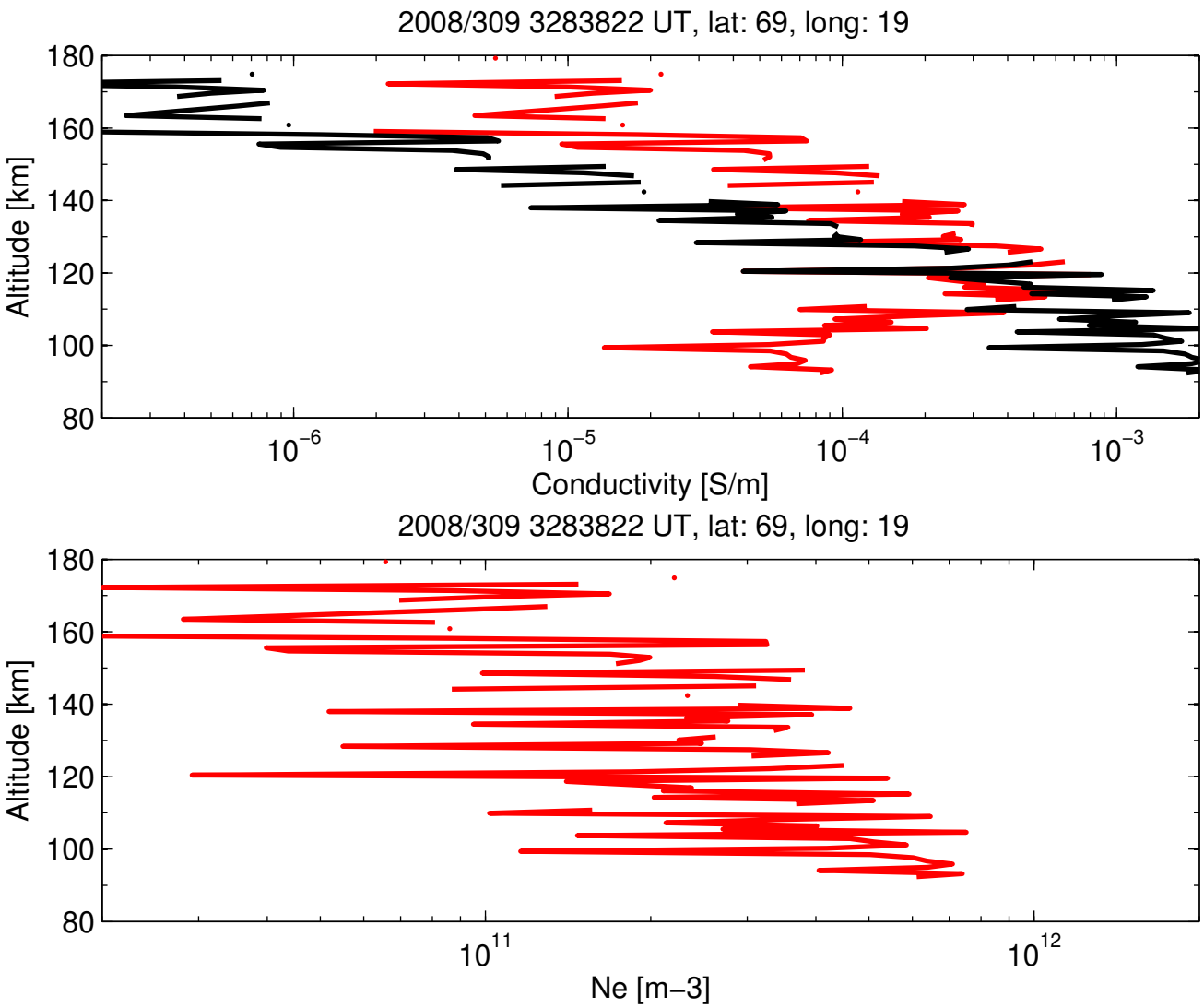
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3283822 UT, lat: 69, long: 19
Altitude [km]
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160
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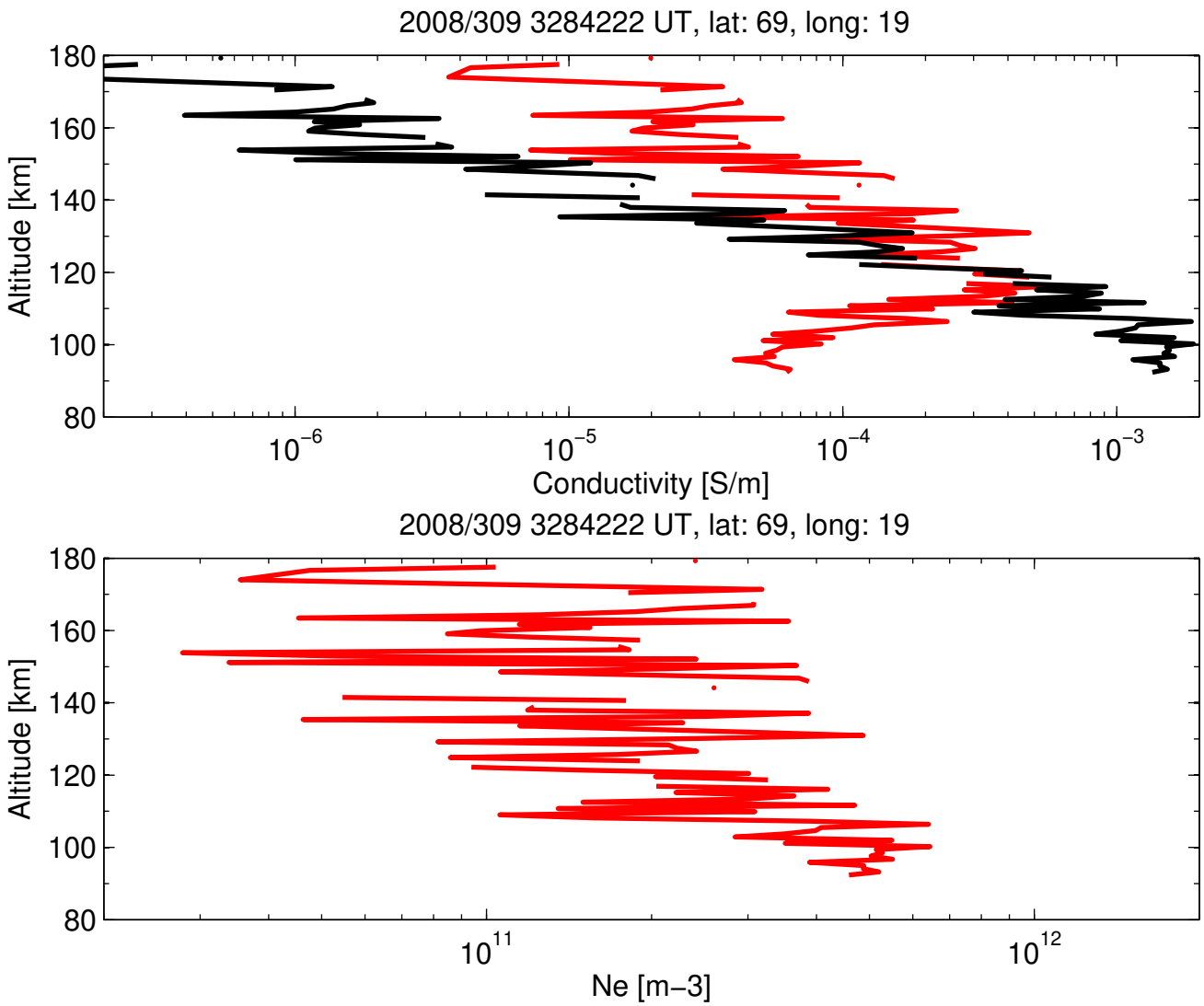
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3284222 UT, lat: 69, long: 19
Altitude [km]
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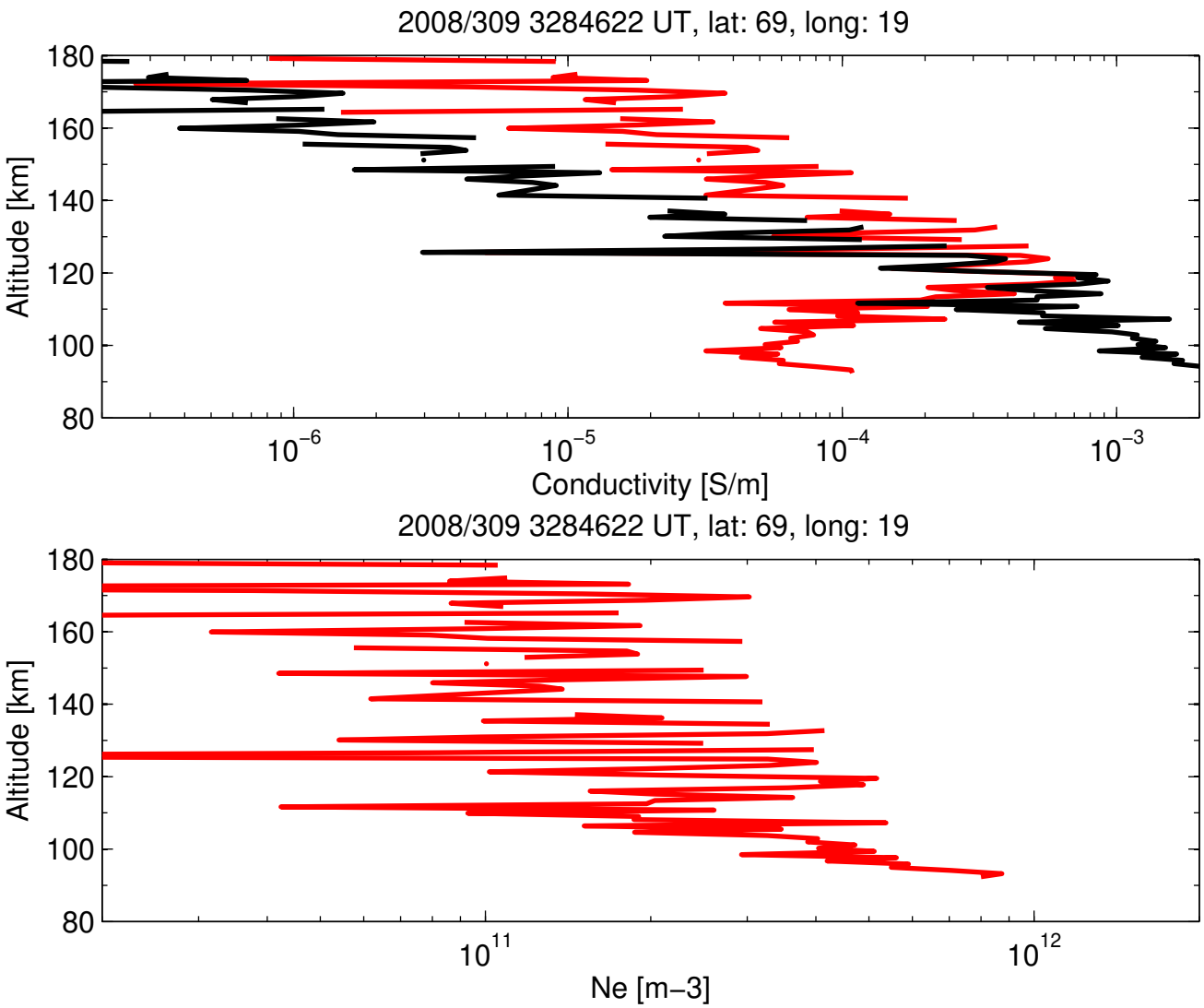
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3284622 UT, lat: 69, long: 19
Altitude [km]
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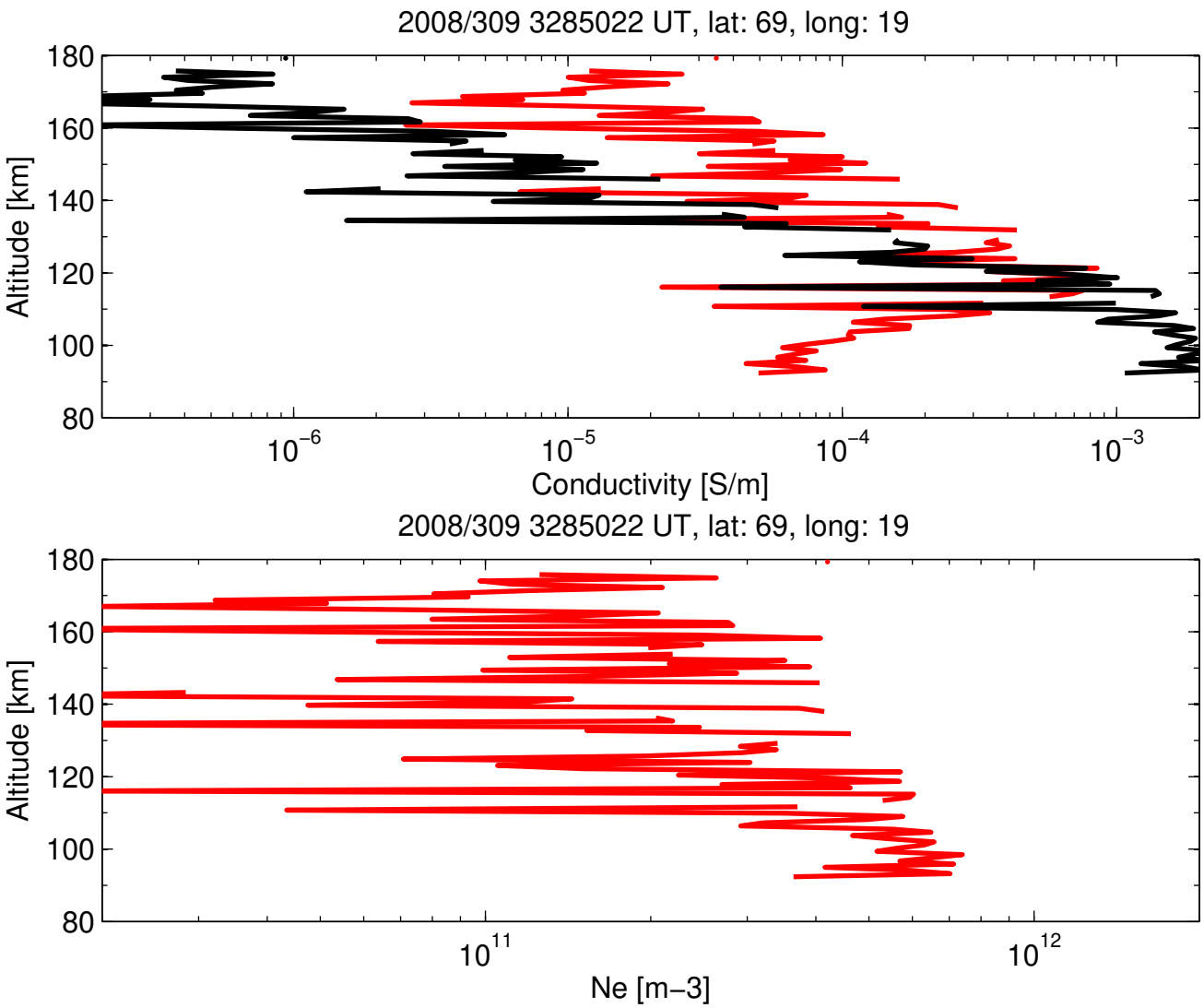
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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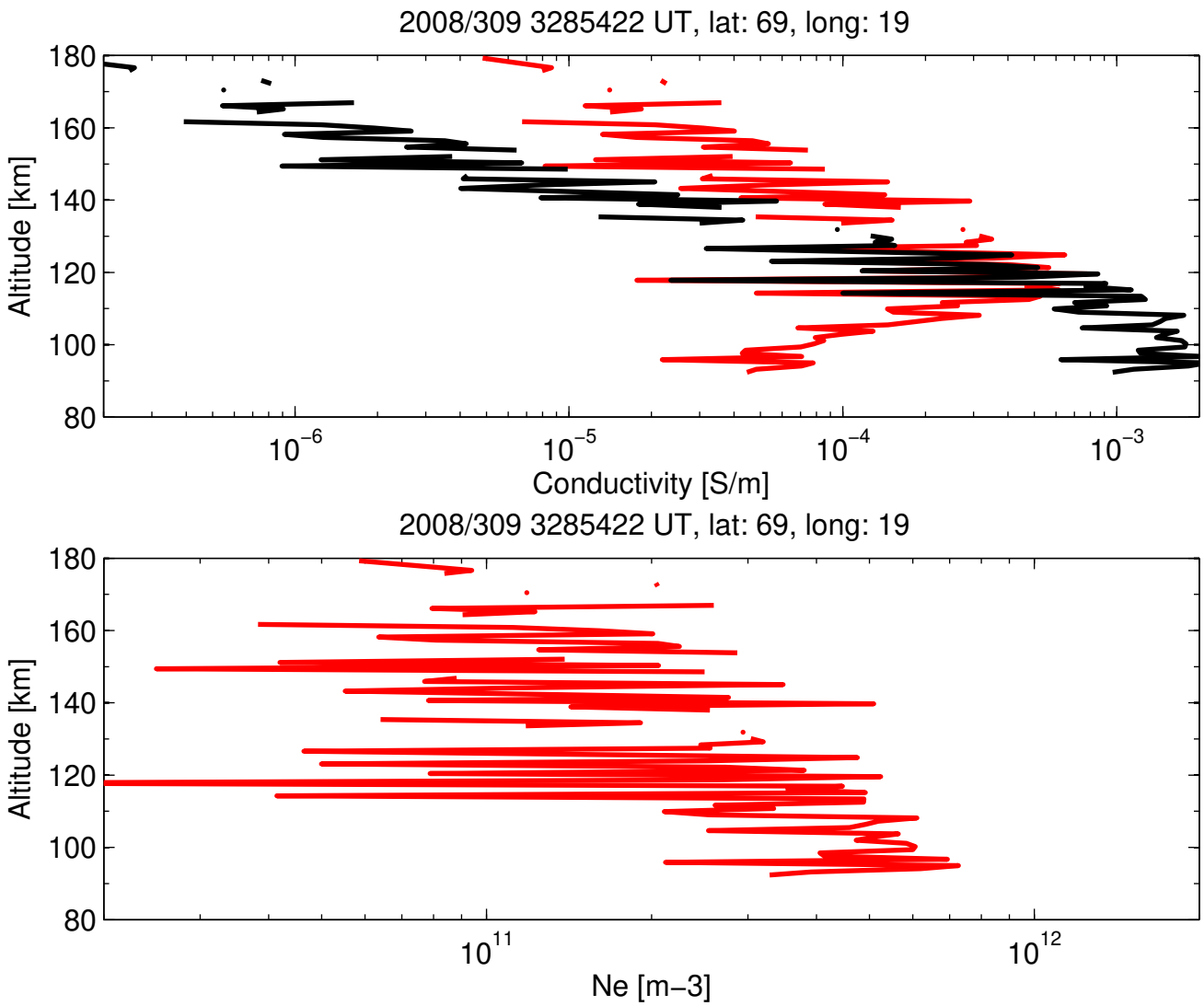
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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80
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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160
140
120
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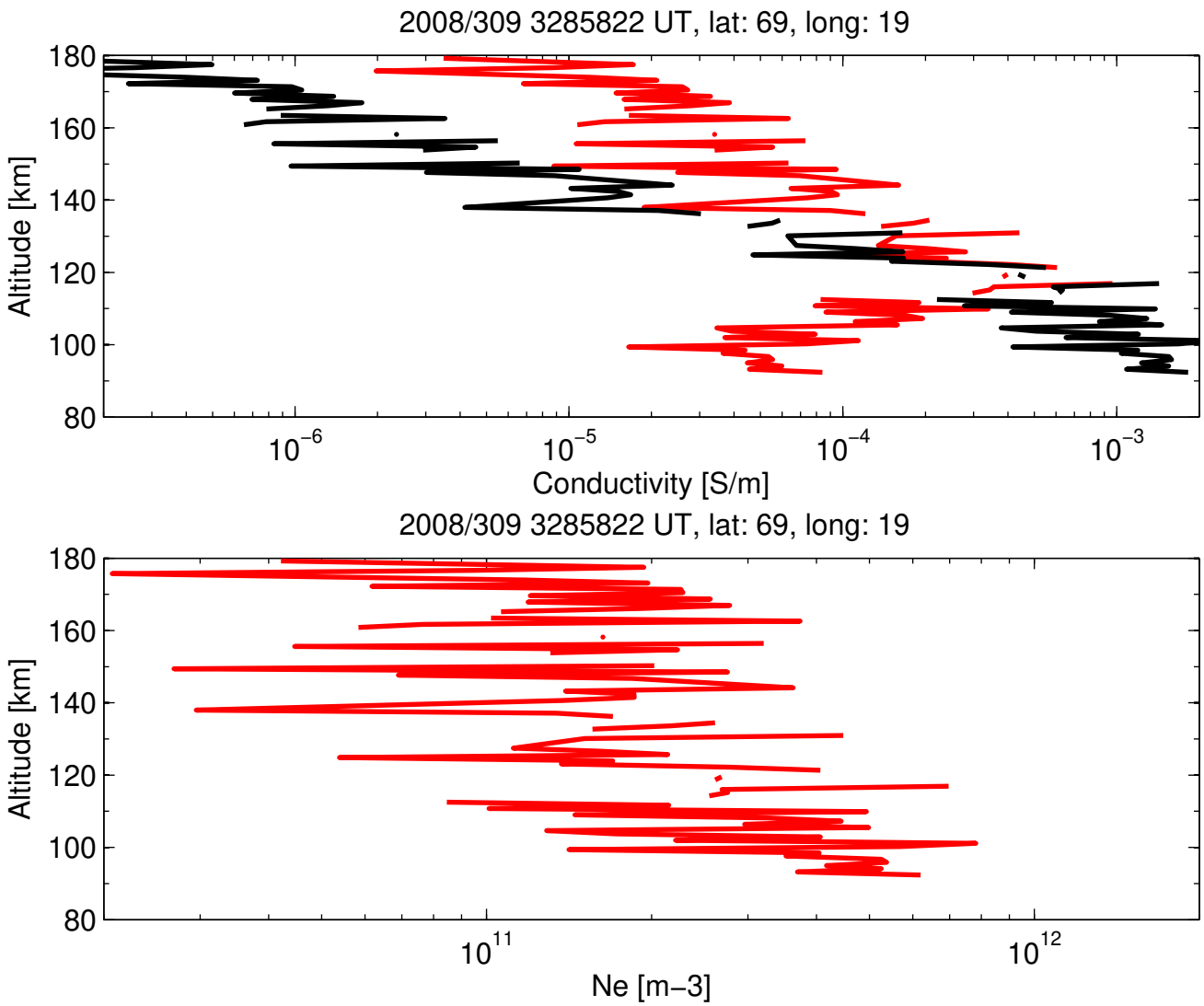
80
10^{11}
10^{12}
Ne [m−3]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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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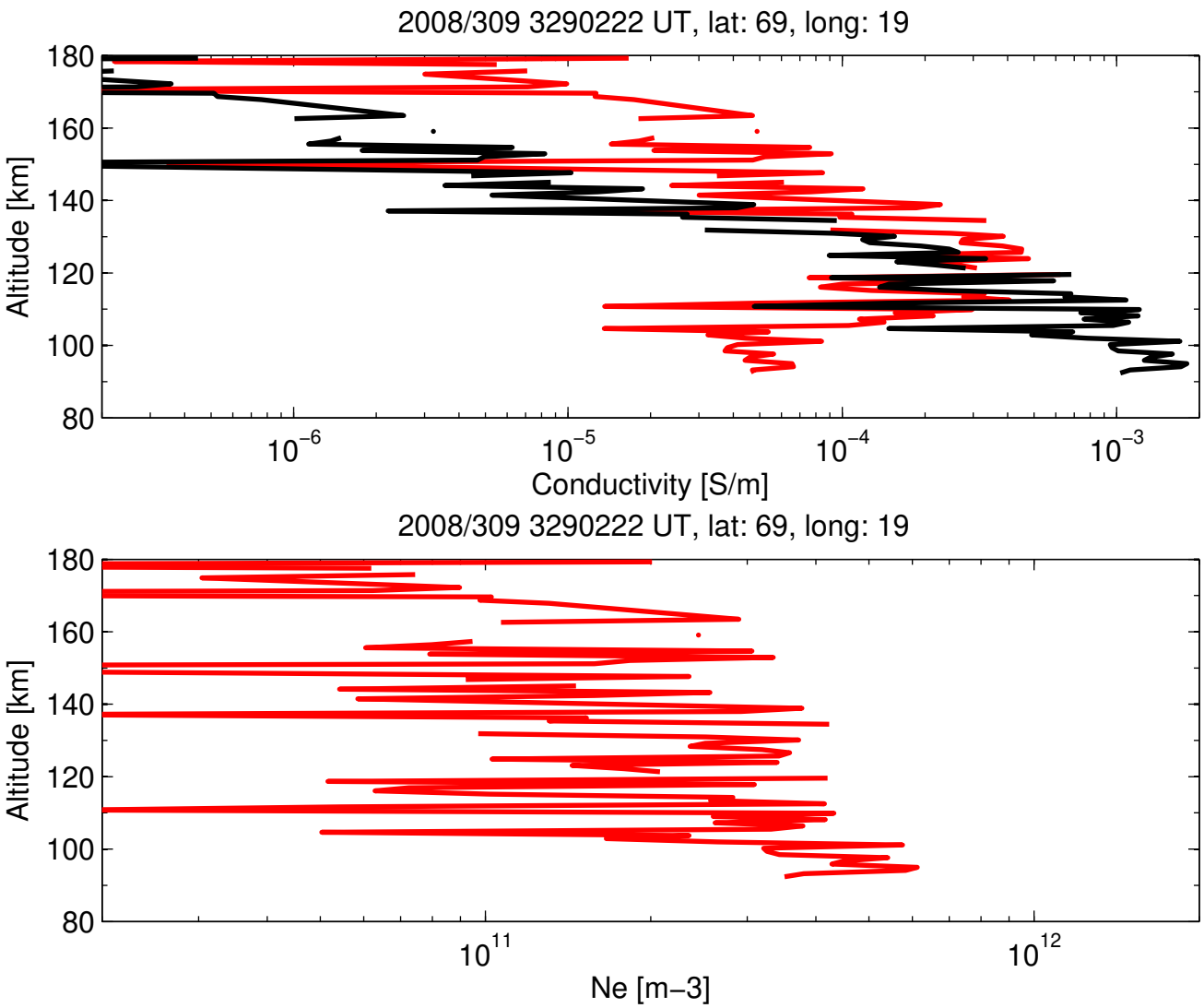
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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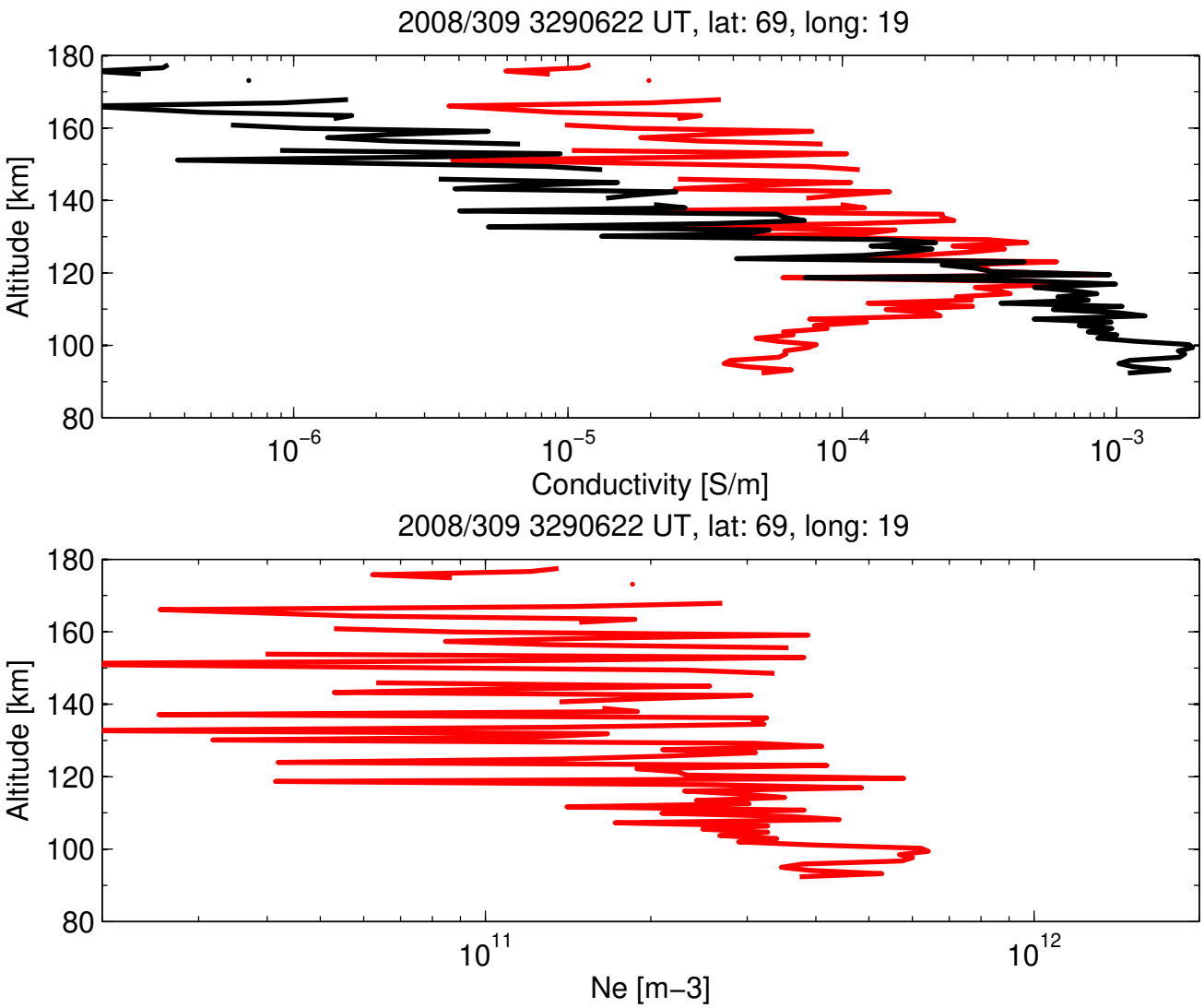
160
140
120
100
80
10^{11}
10^{12}
Ne [m−3]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Altitude [km]
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10^{-6}
10^{-5}
10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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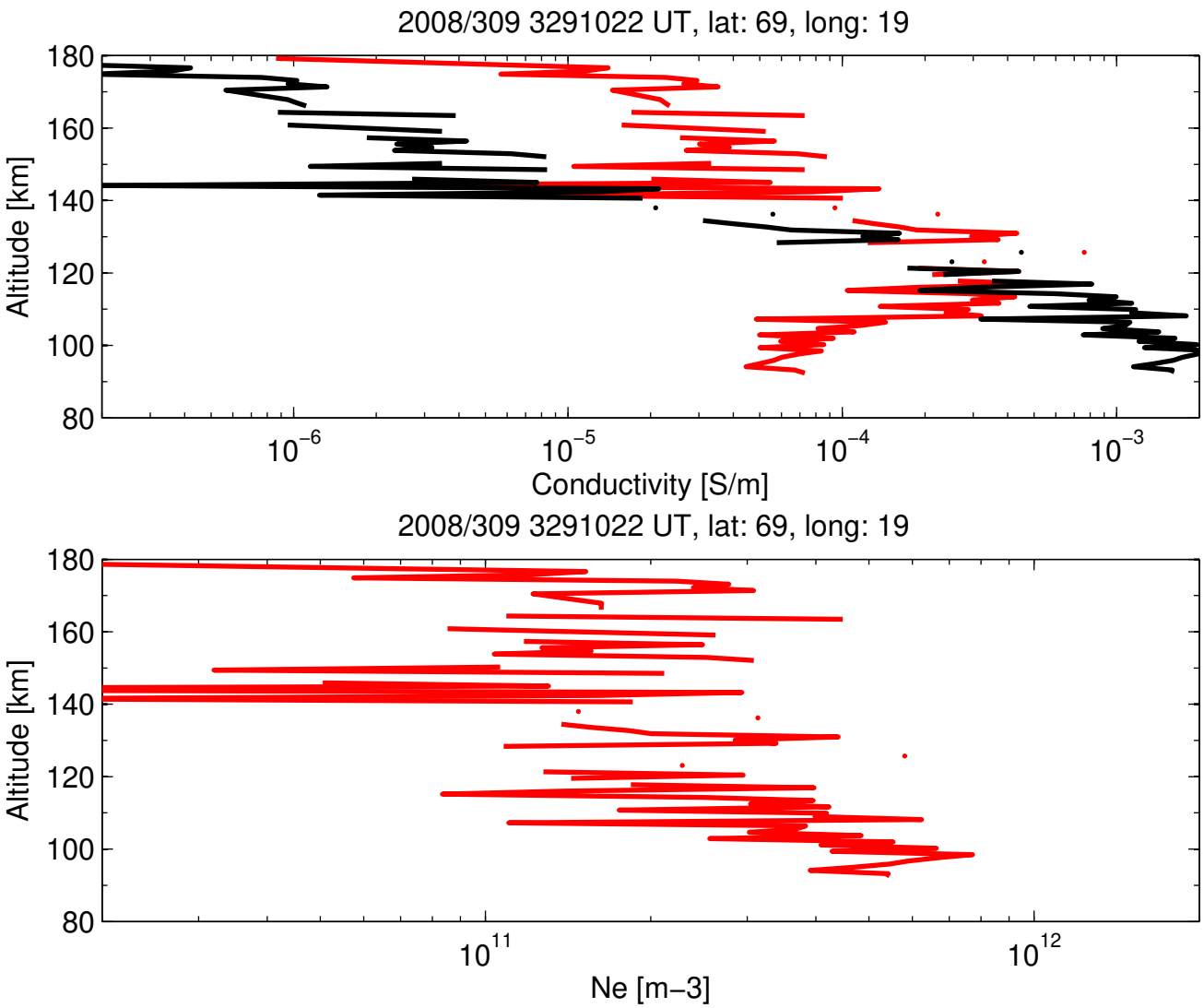
10^{11}
10^{12}
Ne [m−3]


2008/309 3291022 UT, lat: 69, long: 19
Altitude [km]
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10^{-5}
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10^{-3}
Conductivity [S/m]
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Altitude [km]
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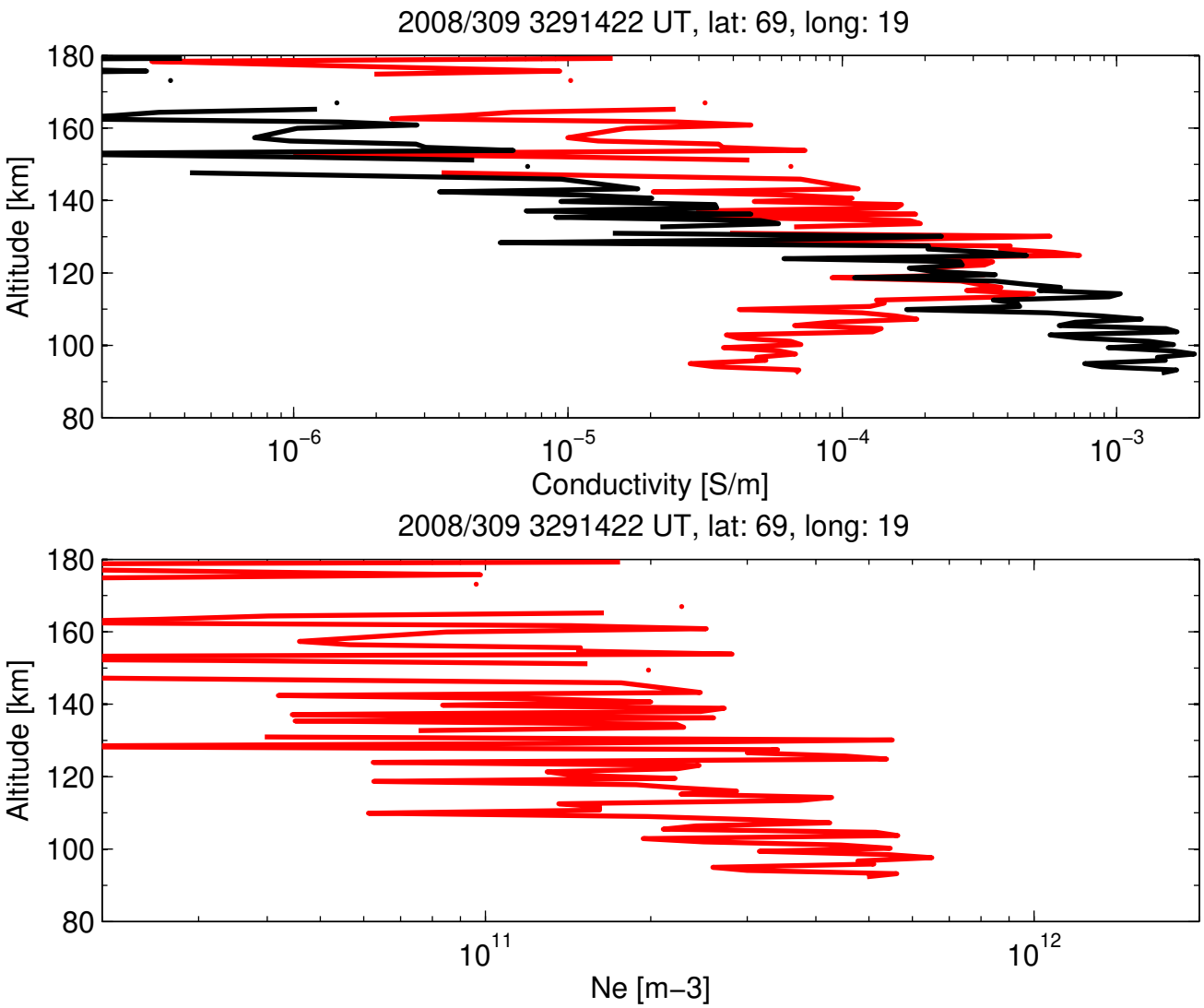
10^{11}
10^{12}
Ne [m−3]


2008/309 3291422 UT, lat: 69, long: 19
Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
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Altitude [km]
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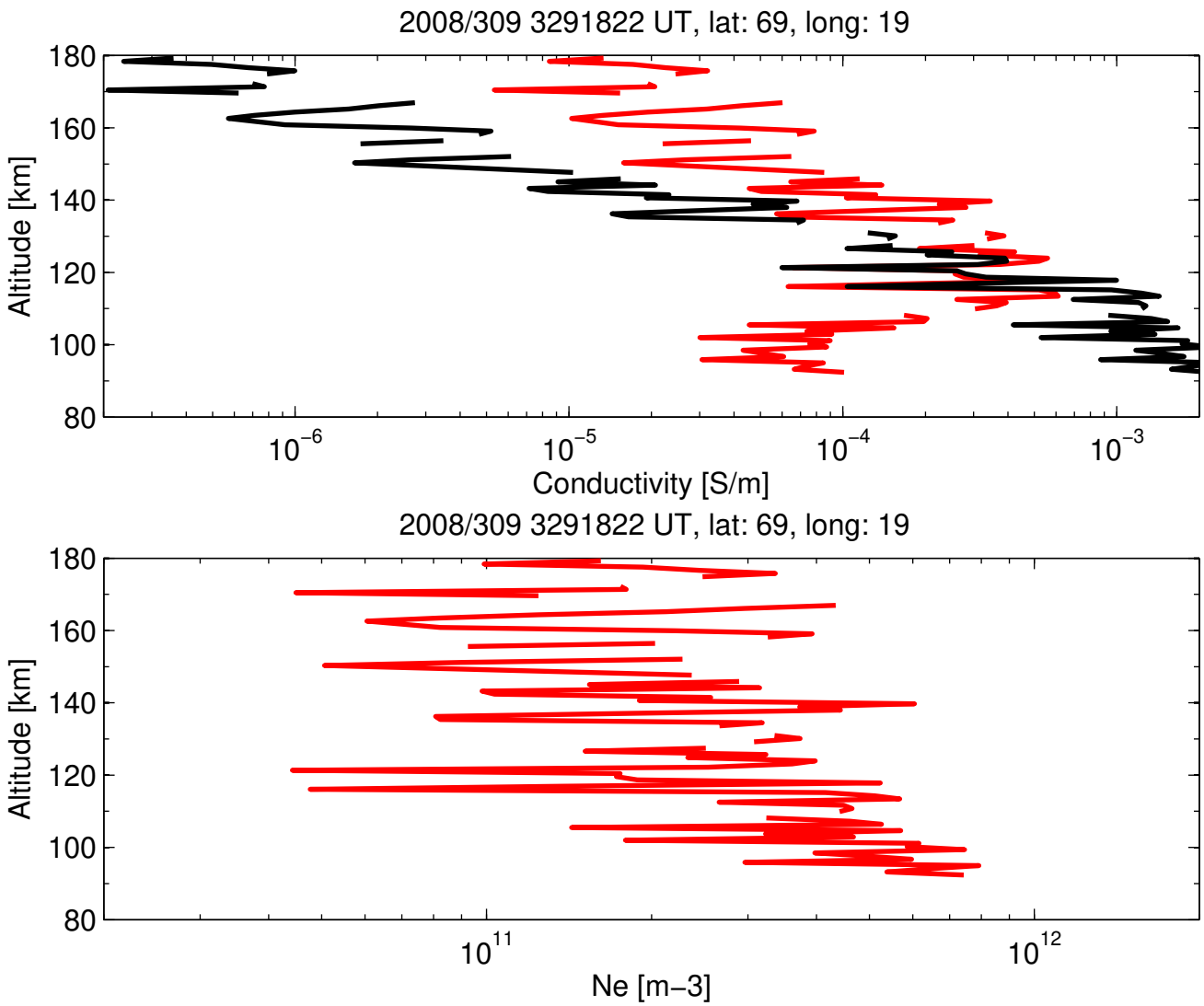
Ne [m−3]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Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3291822 UT, lat: 69, long: 19
Altitude [km]
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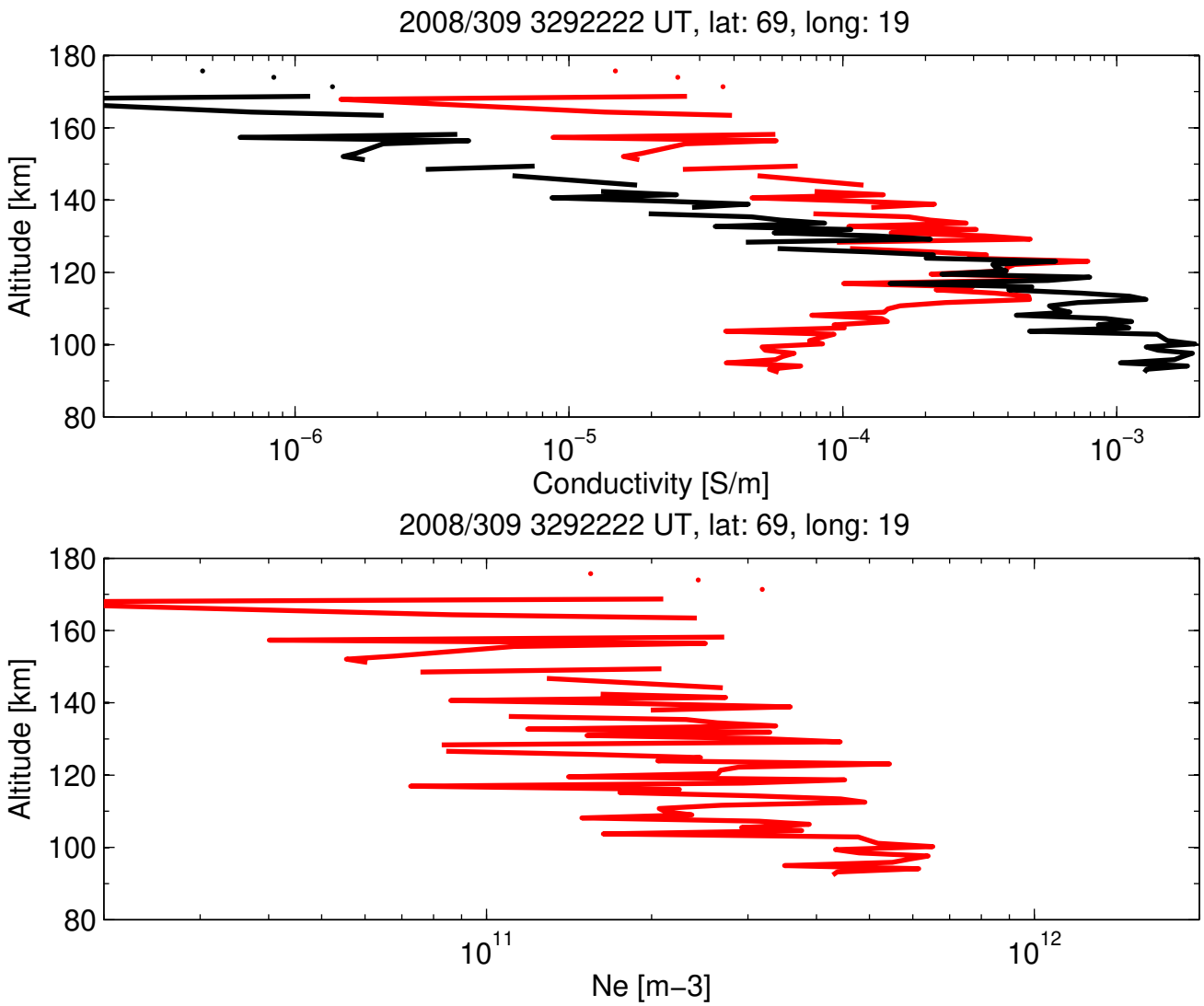
10^{12}
Ne [m−3]


2008/309 3292222 UT, lat: 69, long: 19
Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3292222 UT, lat: 69, long: 19
Altitude [km]
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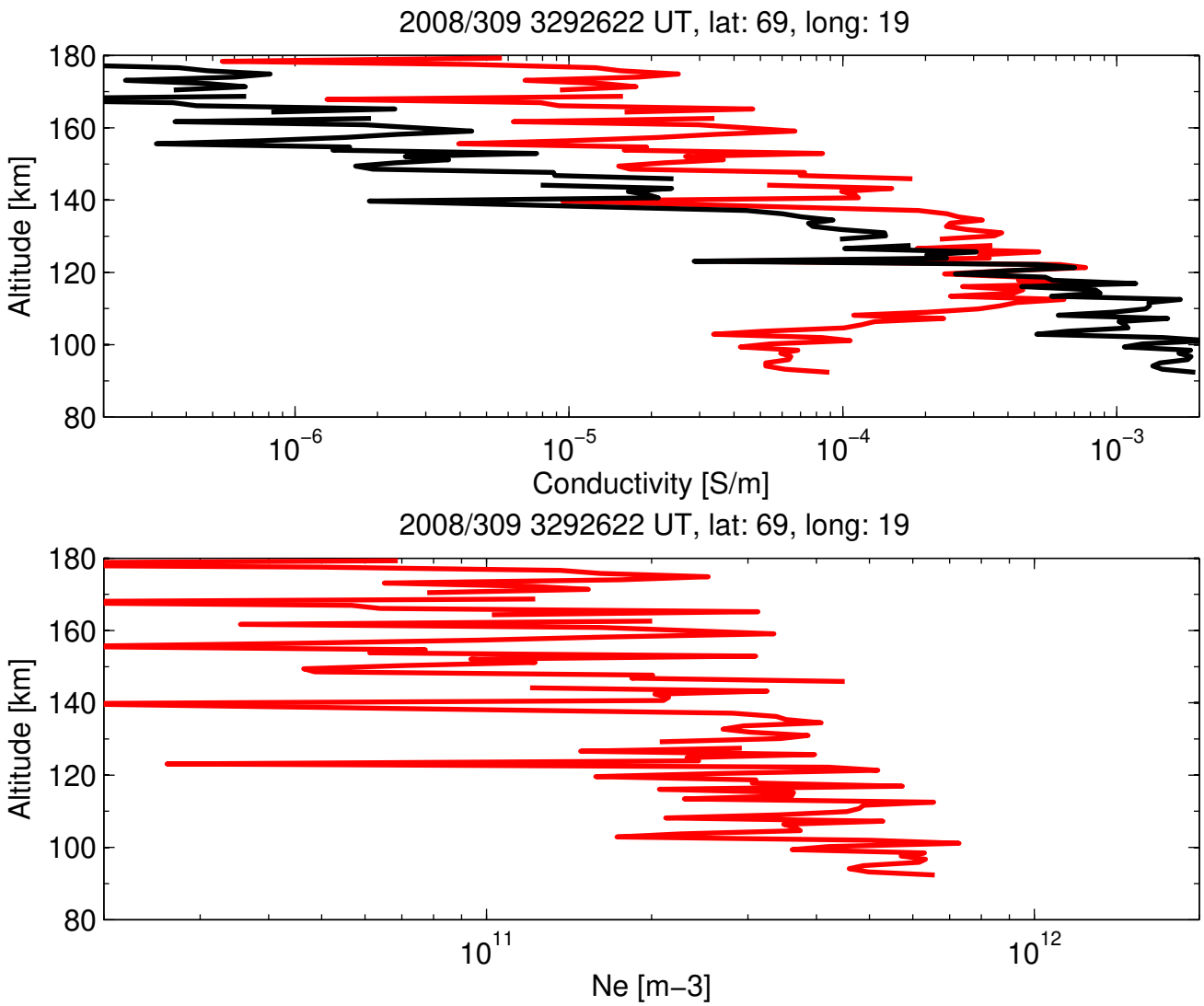
10^{12}
Ne [m−3]


2008/309 3292622 UT, lat: 69, long: 19
Altitude [km]
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10^{-4}
10^{-3}
Conductivity [S/m]
2008/309 3292622 UT, lat: 69, long: 19
Altitude [km]
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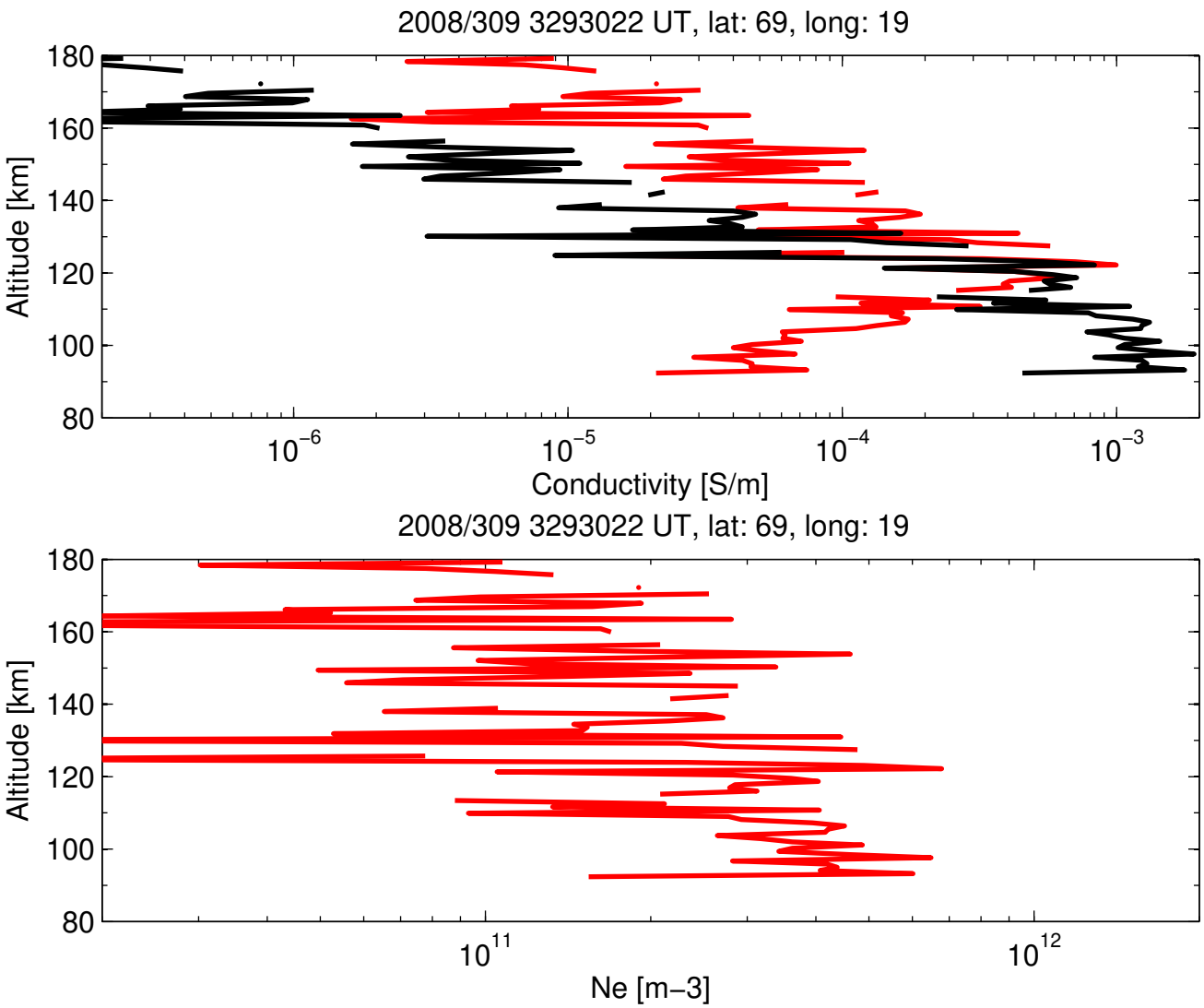
10^{11}
10^{12}
Ne [m−3]


2008/309 3293022 UT, lat: 69, long: 19
Altitude [km]
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10^{-3}
Conductivity [S/m]
2008/309 3293022 UT, lat: 69, long: 19
Altitude [km]
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10^{11}
10^{12}
Ne [m−3]