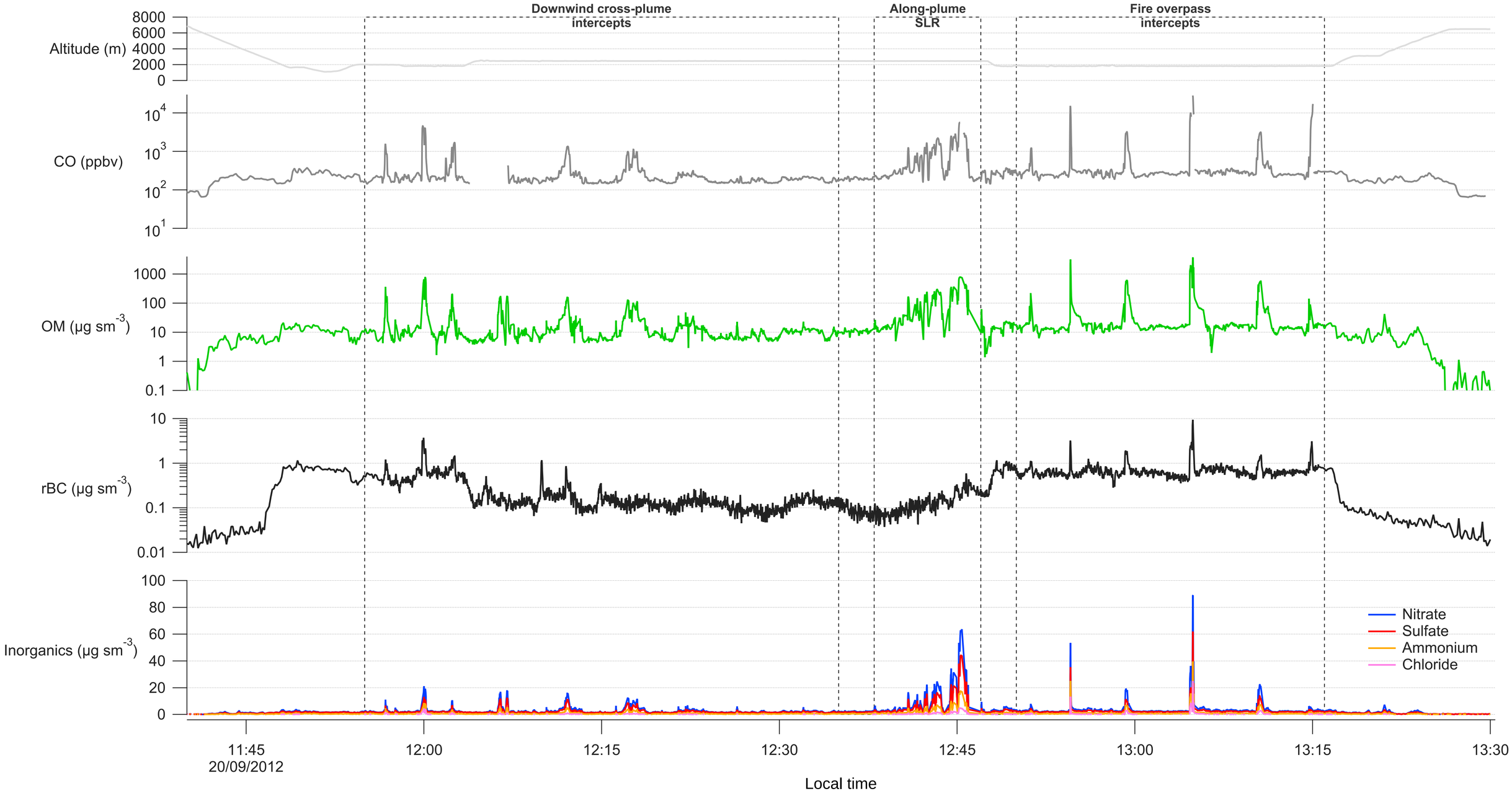
Downwind cross-plume intercepts
Along-plume SLR
Fire overpass intercepts
Altitude (m)
8000
6000
4000
2000
0
CO (ppbv)
10^4
10^3
10^2
10^1
OM (µg sm^{-3})
1000
100
10
1
0.1
rBC (µg sm^{-3})
10
1
0.1
0.01
Inorganics (µg sm^{-3})
100
80
60
40
20
0
Nitrate
Sulfate
Ammonium
Chloride
11:45
20/09/2012
12:00
12:15
12:30
12:45
13:00
13:15
13:30
Local time