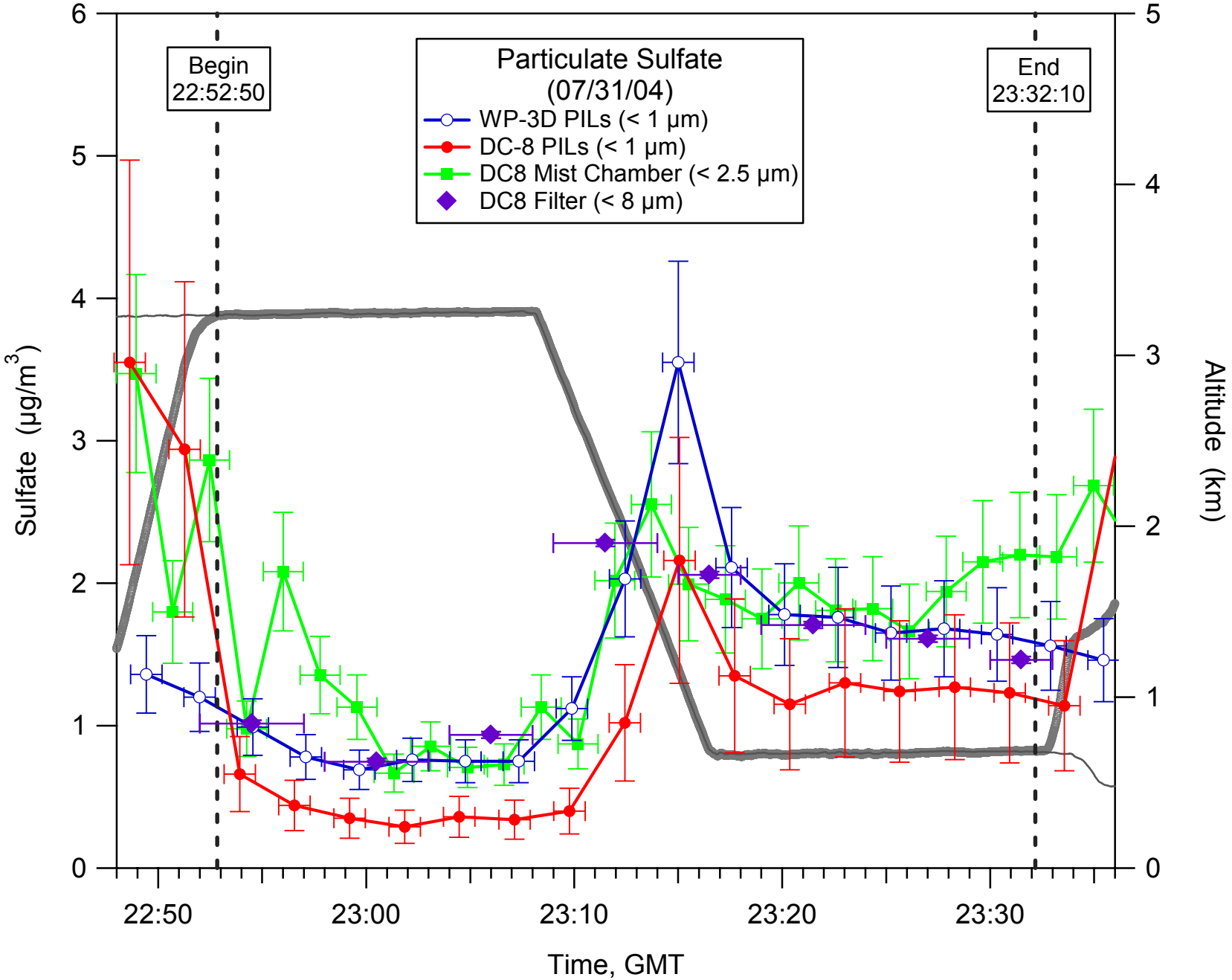
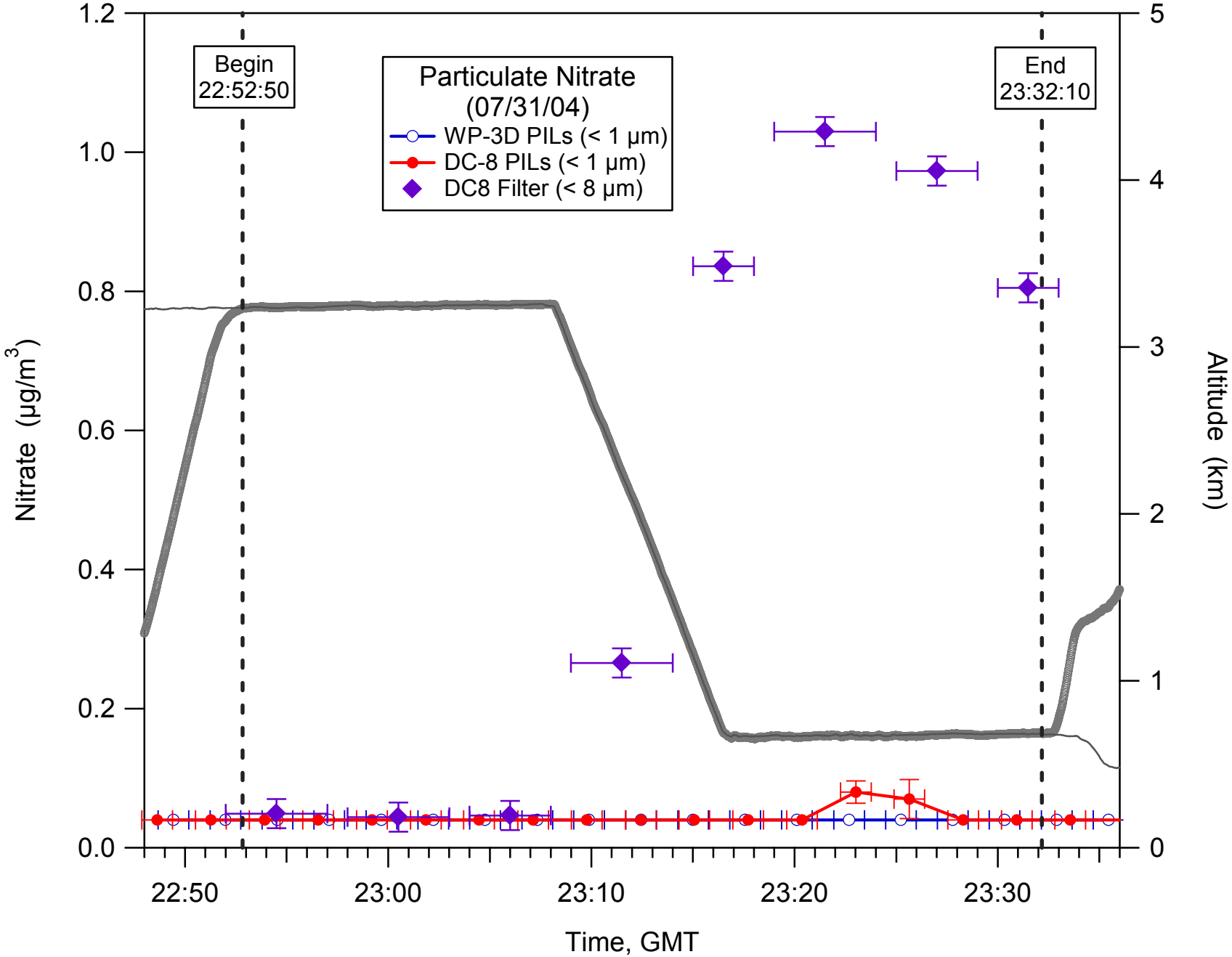
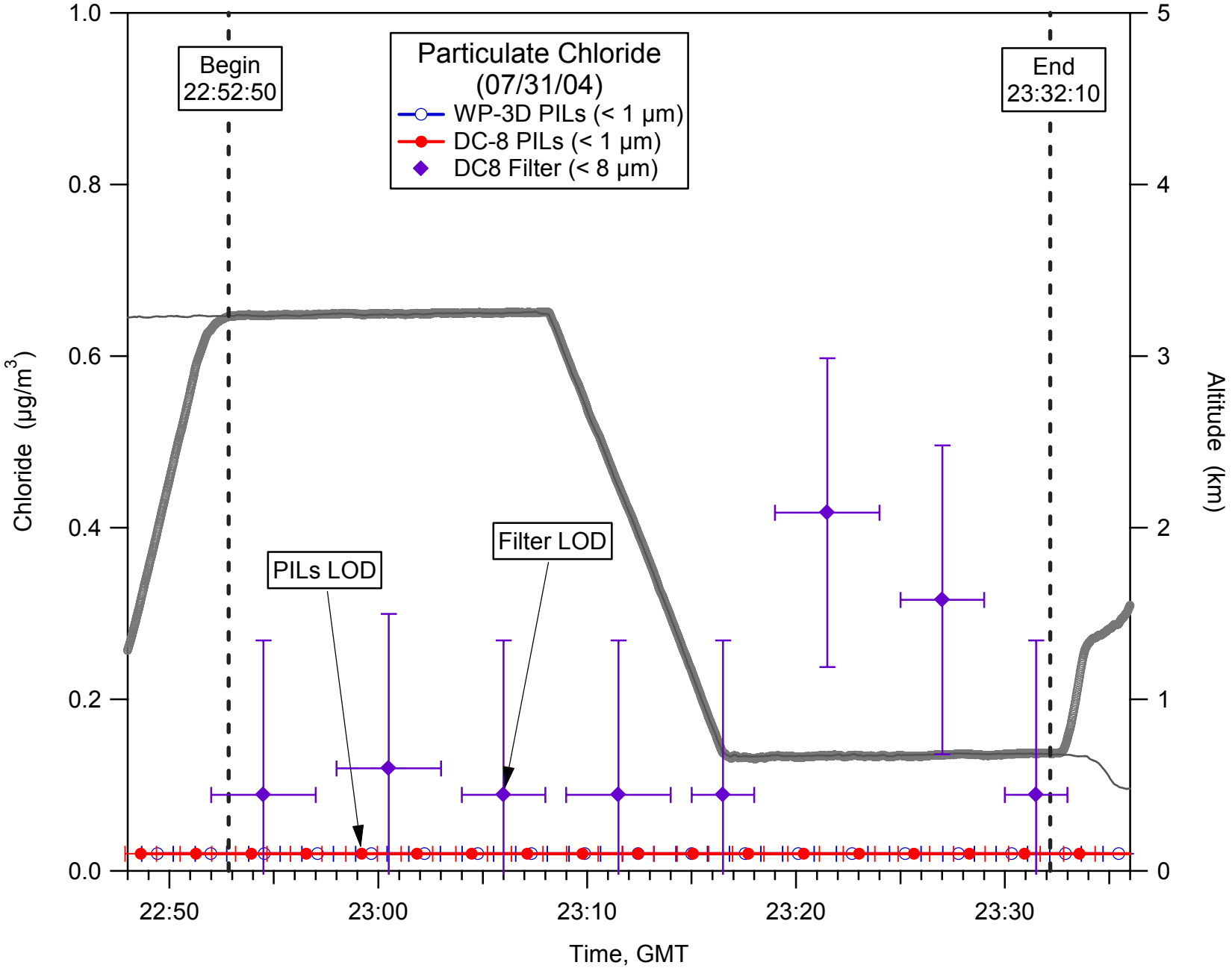
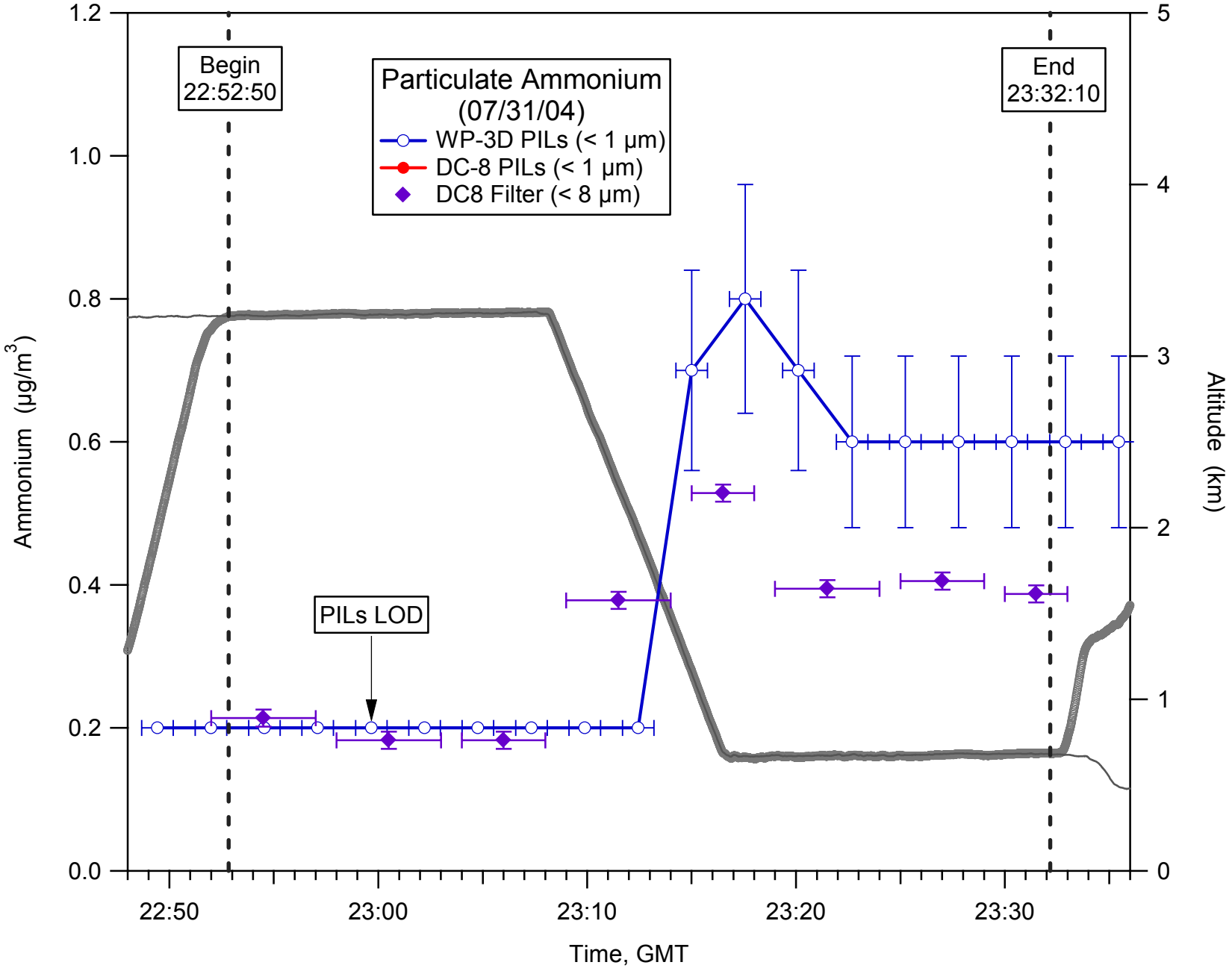
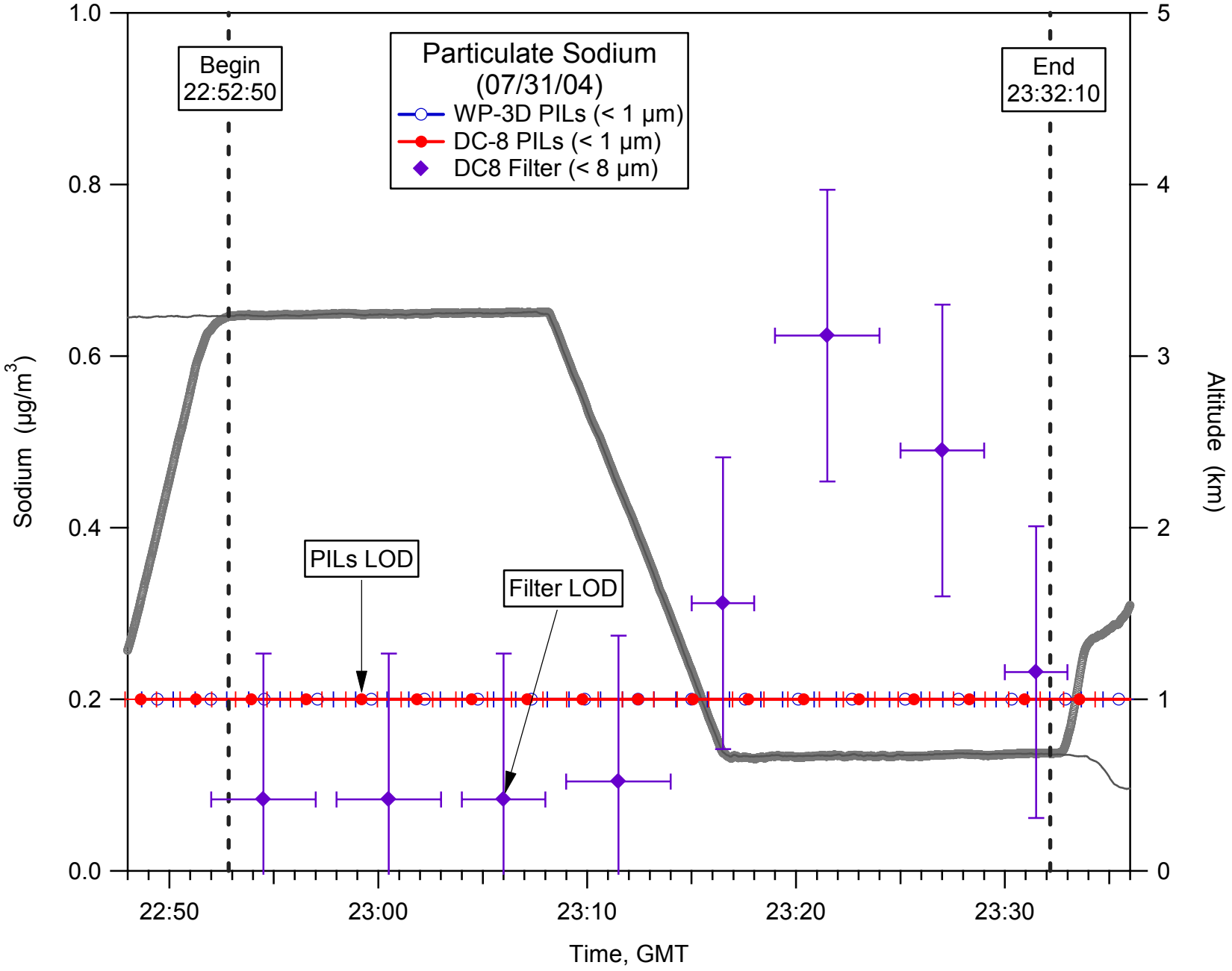
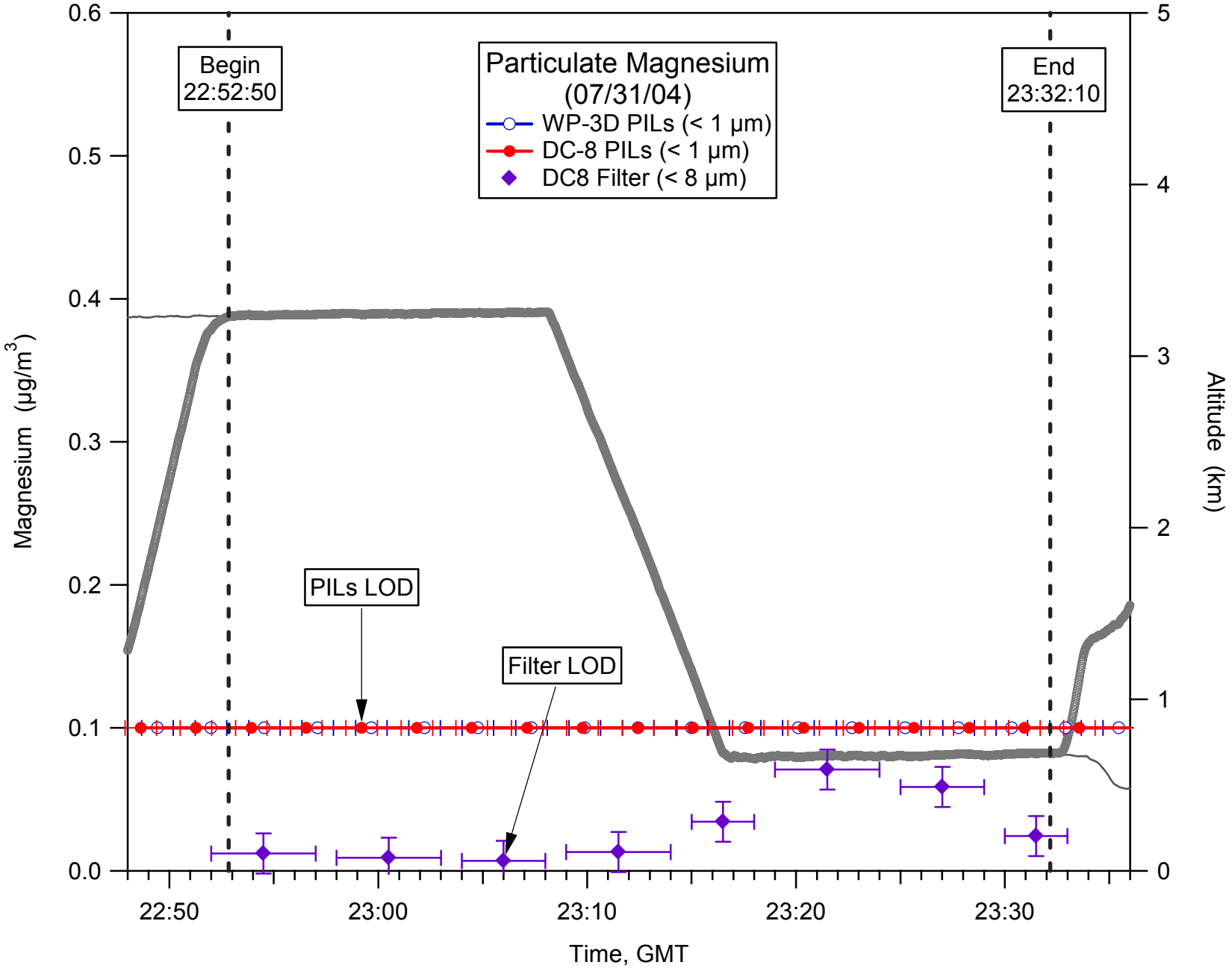

Particulate Sulfate
(07/31/04)
WP-3D PILs (< 1 μm)
DC-8 PILs (< 1 μm)
DC8 Mist Chamber (< 2.5 μm)
DC8 Filter (< 8 μm)
Begin
22:52:50
End
23:32:10
Sulfate (μg/m3)
Altitude (km)
Time, GMT
22:50
23:00
23:10
23:20
23:30
0
1
2
3
4
5
6

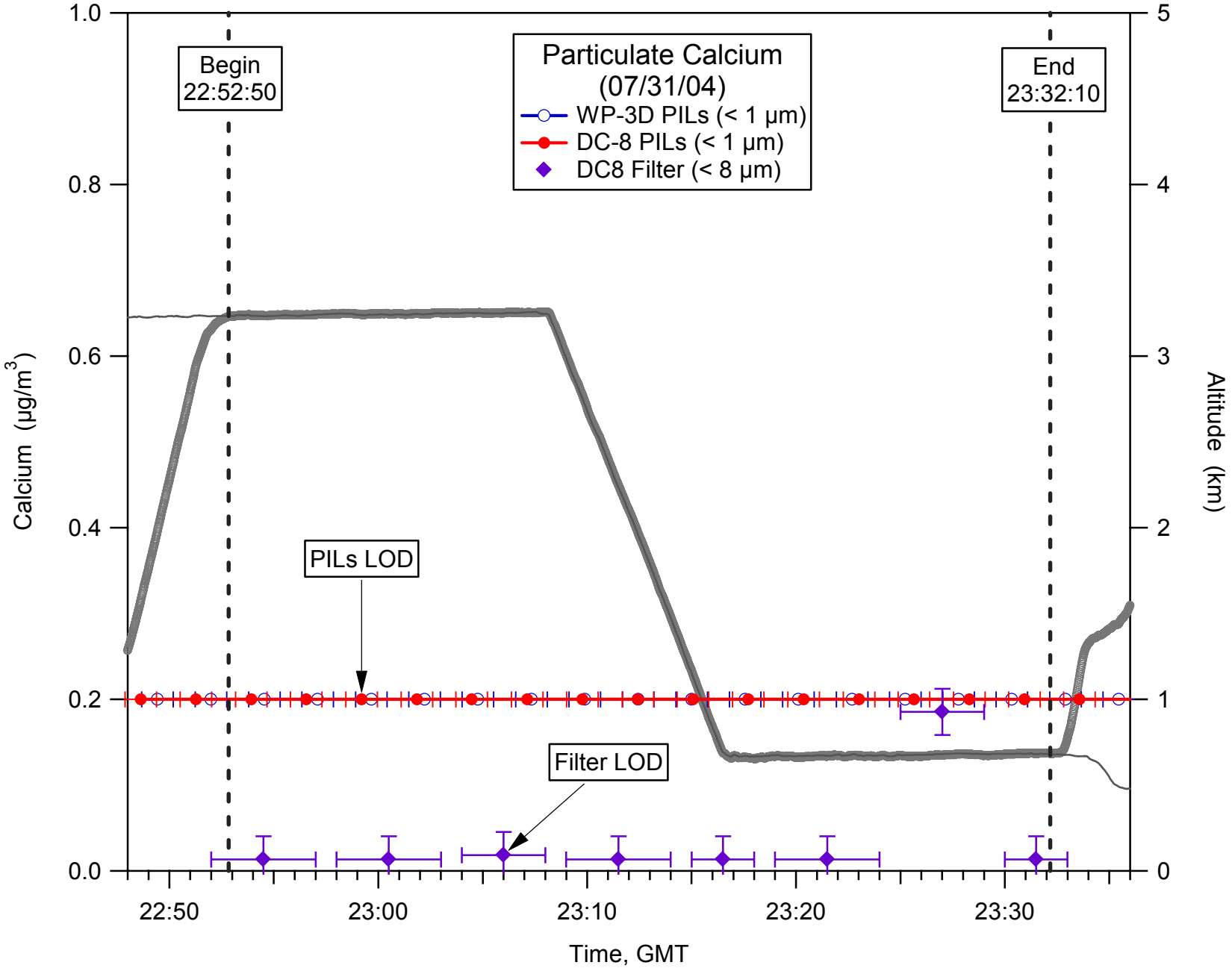

Particulate Nitrate
(07/31/04)
WP-3D PILs (< 1 µm)
DC-8 PILs (< 1 µm)
DC8 Filter (< 8 µm)
Begin
22:52:50
End
23:32:10
Nitrate (µg/m3)
Altitude (km)
Time, GMT
1.2
1.0
0.8
0.6
0.4
0.2
0.0
5
4
3
2
1
0
22:50
23:00
23:10
23:20
23:30


Particulate Chloride
(07/31/04)
WP-3D PILs (< 1 μm)
DC-8 PILs (< 1 μm)
DC8 Filter (< 8 μm)
Begin
22:52:50
End
23:32:10
PILs LOD
Filter LOD
Chloride (μg/m3)
Altitude (km)
Time, GMT
1.0
0.8
0.6
0.4
0.2
0.0
5
4
3
2
1
0
22:50
23:00
23:10
23:20
23:30


Particulate Ammonium
(07/31/04)
WP-3D PILs (< 1 μm)
DC-8 PILs (< 1 μm)
DC8 Filter (< 8 μm)
Begin
22:52:50
End
23:32:10
PILs LOD
Ammonium (μg/m3)
Altitude (km)
Time, GMT
1.2
1.0
0.8
0.6
0.4
0.2
0.0
5
4
3
2
1
0
22:50
23:00
23:10
23:20
23:30


Particulate Sodium
(07/31/04)
WP-3D PILs (< 1 µm)
DC-8 PILs (< 1 µm)
DC8 Filter (< 8 µm)
Begin
22:52:50
End
23:32:10
PILs LOD
Filter LOD
Sodium (µg/m3)
Altitude (km)
Time, GMT
1.0
0.8
0.6
0.4
0.2
0.0
5
4
3
2
1
0
22:50
23:00
23:10
23:20
23:30


Particulate Magnesium
(07/31/04)
WP-3D PILs (< 1 µm)
DC-8 PILs (< 1 µm)
DC8 Filter (< 8 µm)
Begin
22:52:50
End
23:32:10
PILs LOD
Filter LOD
Magnesium (µg/m3)
Altitude (km)
Time, GMT
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
1
2
3
4
5
22:50
23:00
23:10
23:20
23:30


Particulate Calcium
(07/31/04)
WP-3D PILs (< 1 µm)
DC-8 PILs (< 1 µm)
DC8 Filter (< 8 µm)
Begin
22:52:50
End
23:32:10
PILs LOD
Filter LOD
Calcium (µg/m3)
Altitude (km)
Time, GMT
1.0
0.8
0.6
0.4
0.2
0.0
5
4
3
2
1
0
22:50
23:00
23:10
23:20
23:30