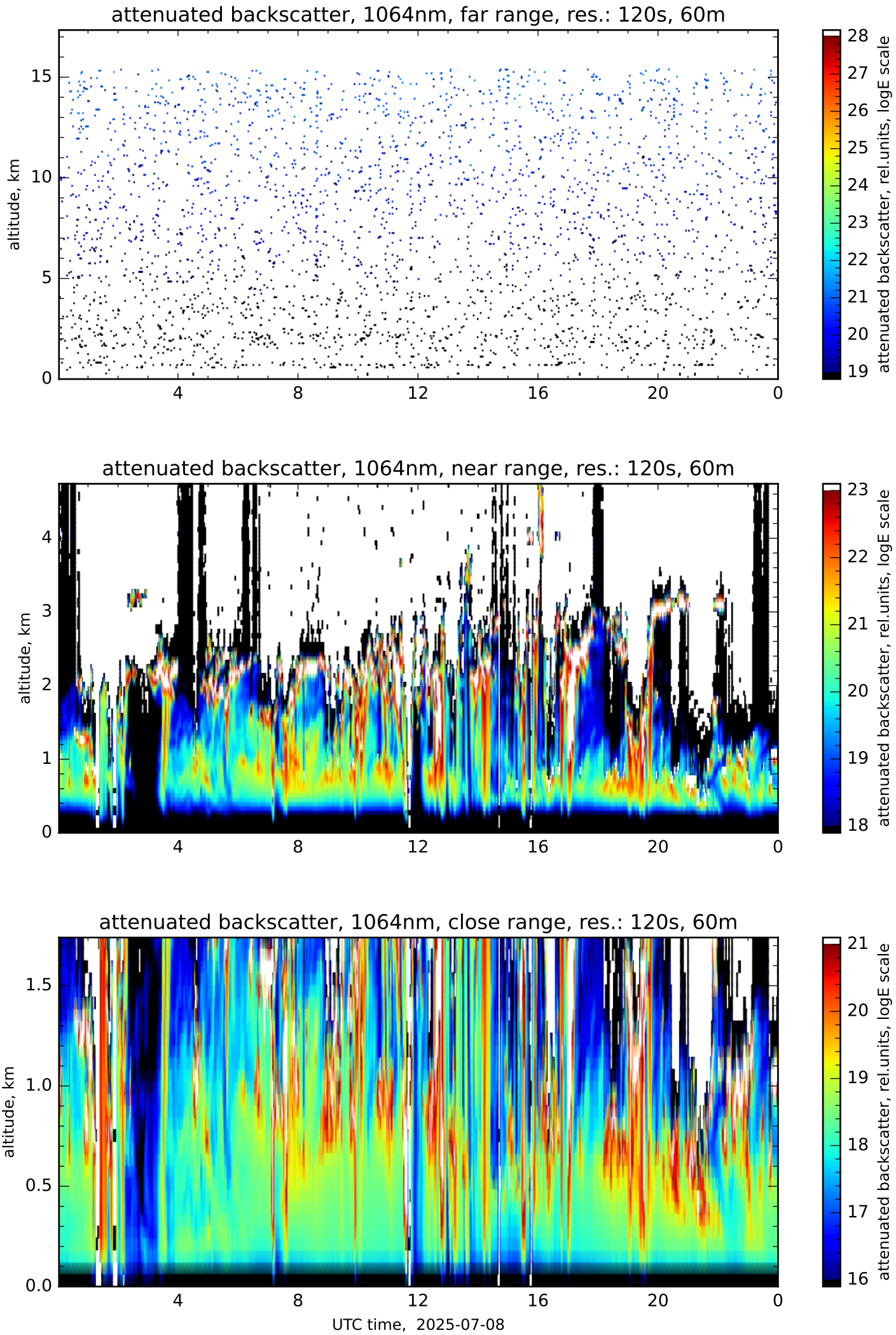
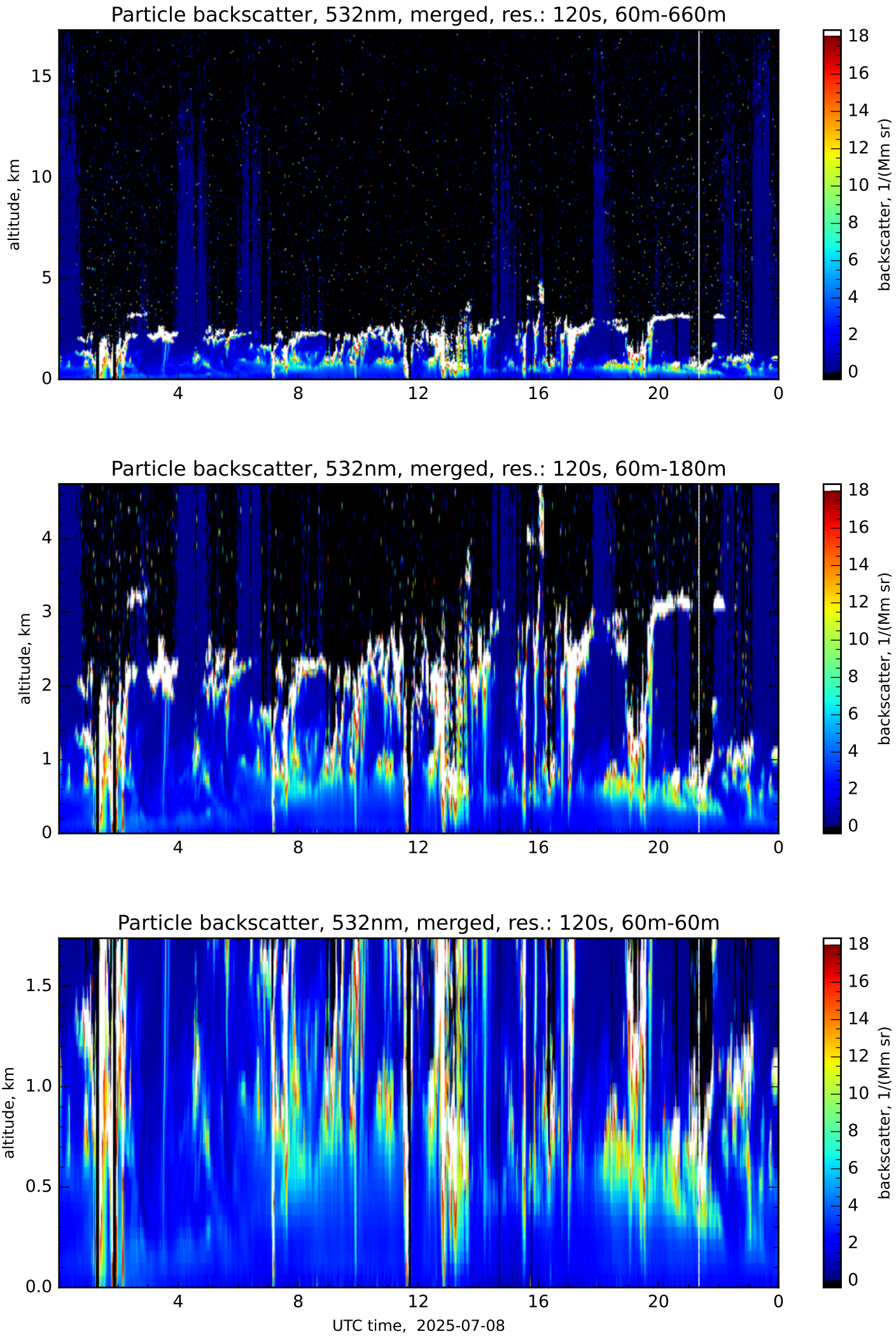
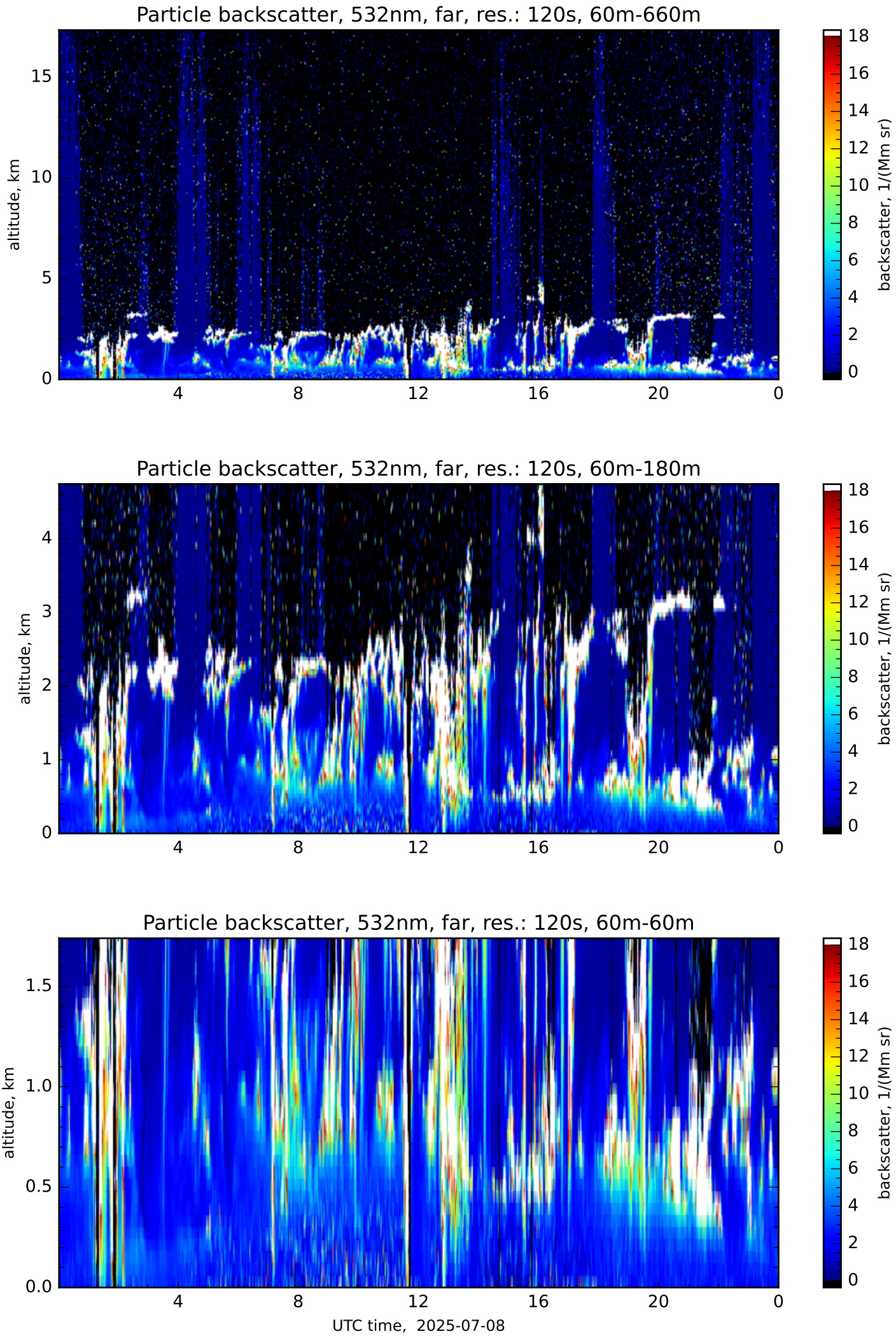
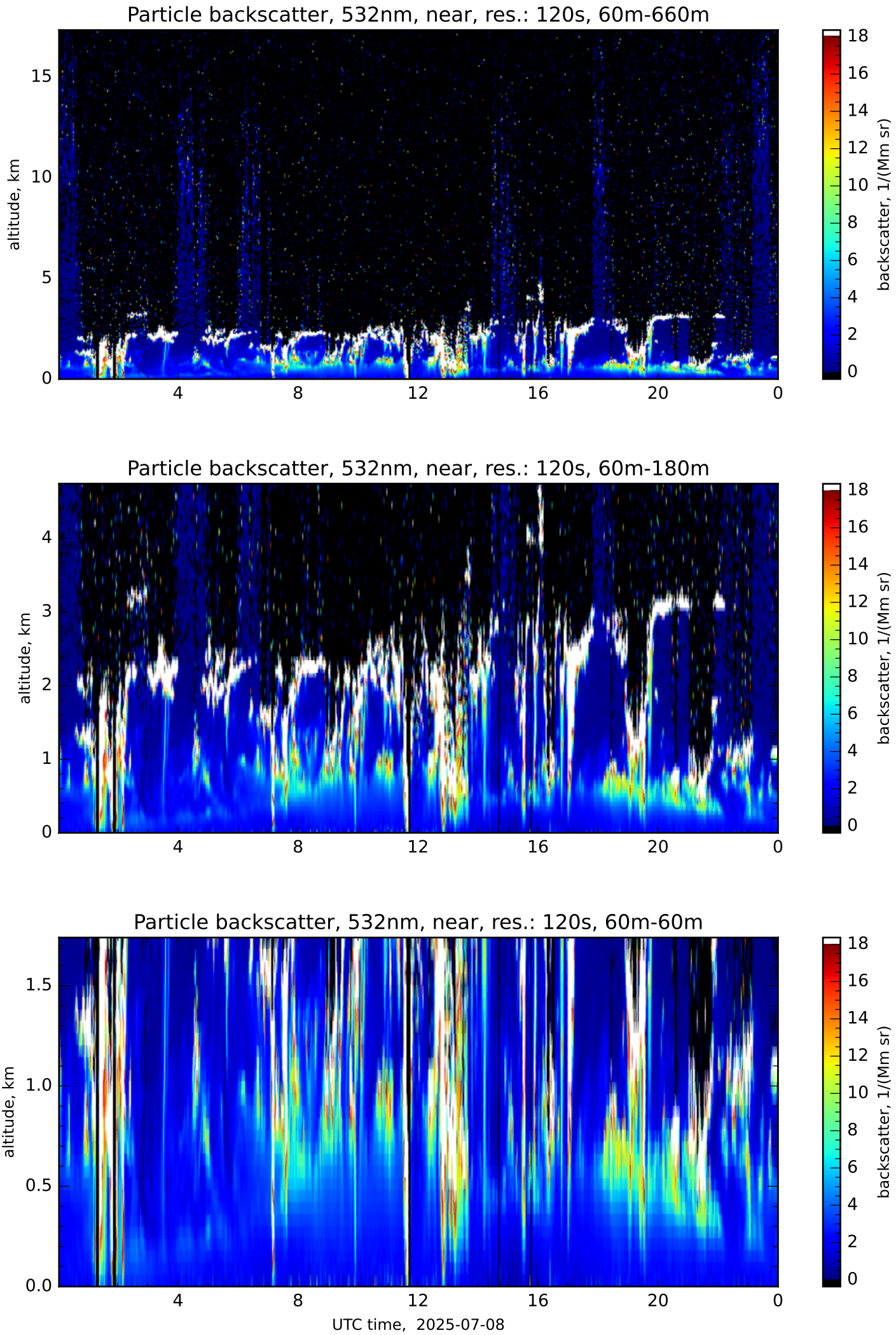
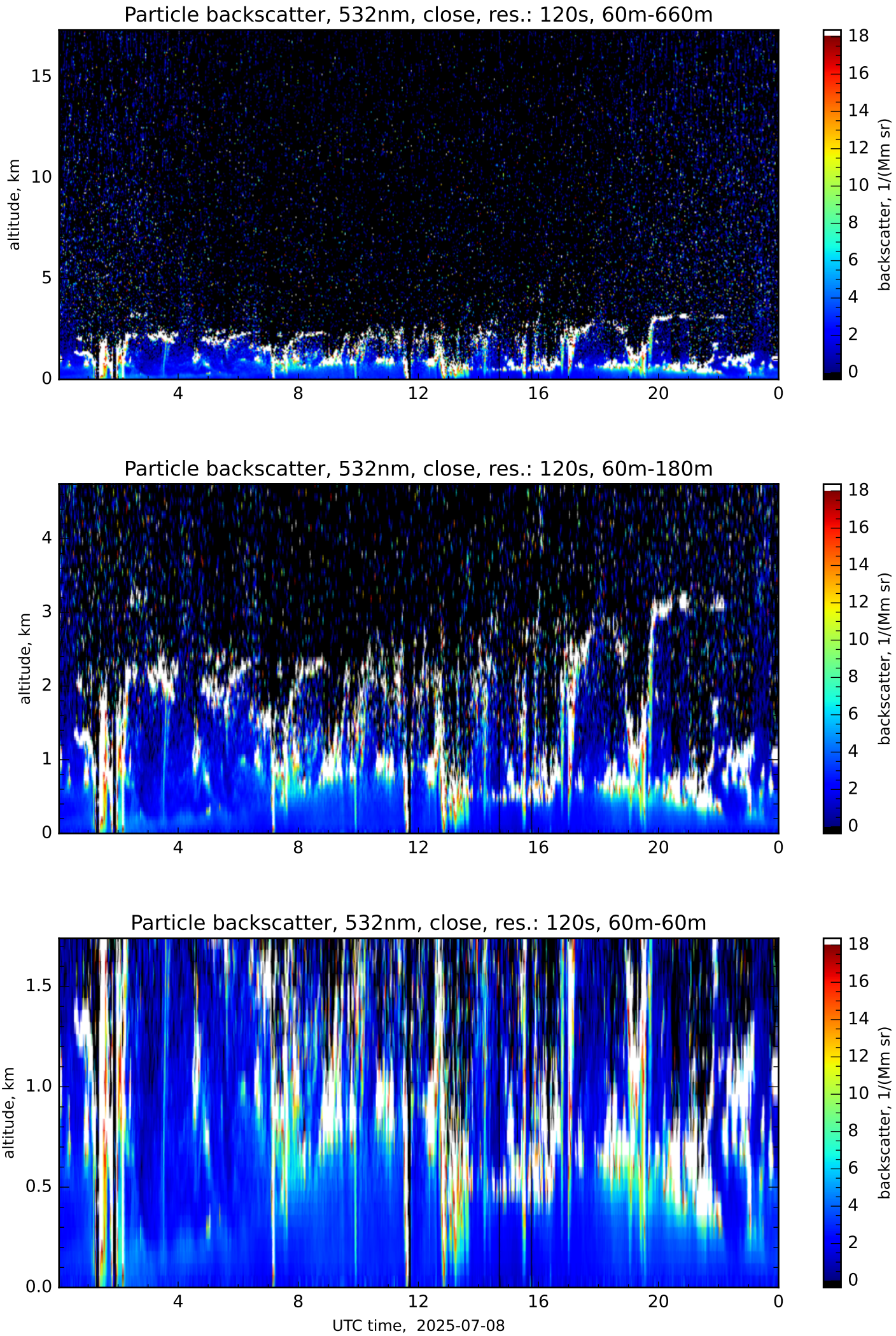
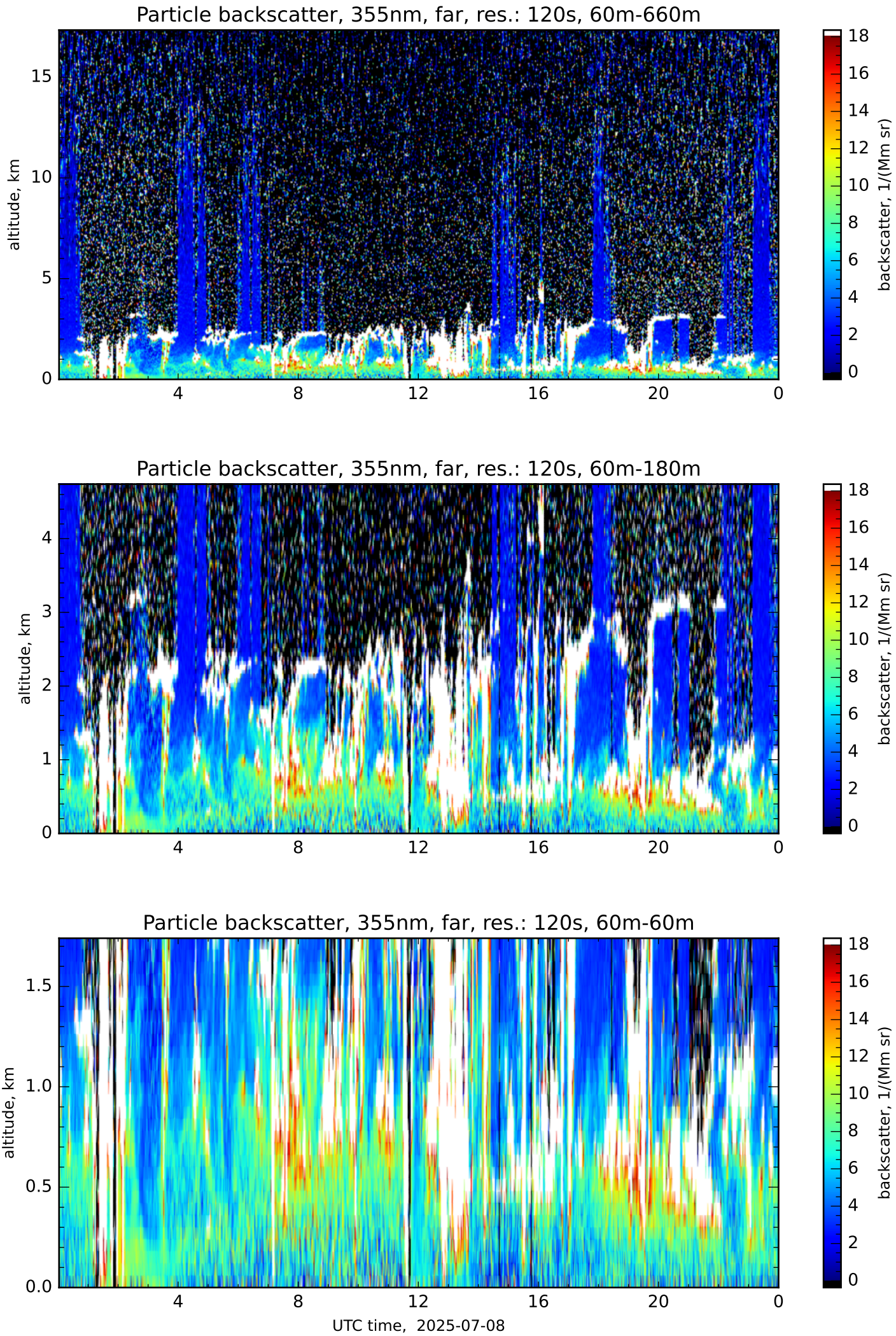

attenuated backscatter, 1064nm, far range, res.: 120s, 60m
altitude, km
attenuated backscatter, rel.units, logE scale
attenuated backscatter, 1064nm, near range, res.: 120s, 60m
altitude, km
attenuated backscatter, rel.units, logE scale
attenuated backscatter, 1064nm, close range, res.: 120s, 60m
altitude, km
attenuated backscatter, rel.units, logE scale
UTC time, 2025-07-08

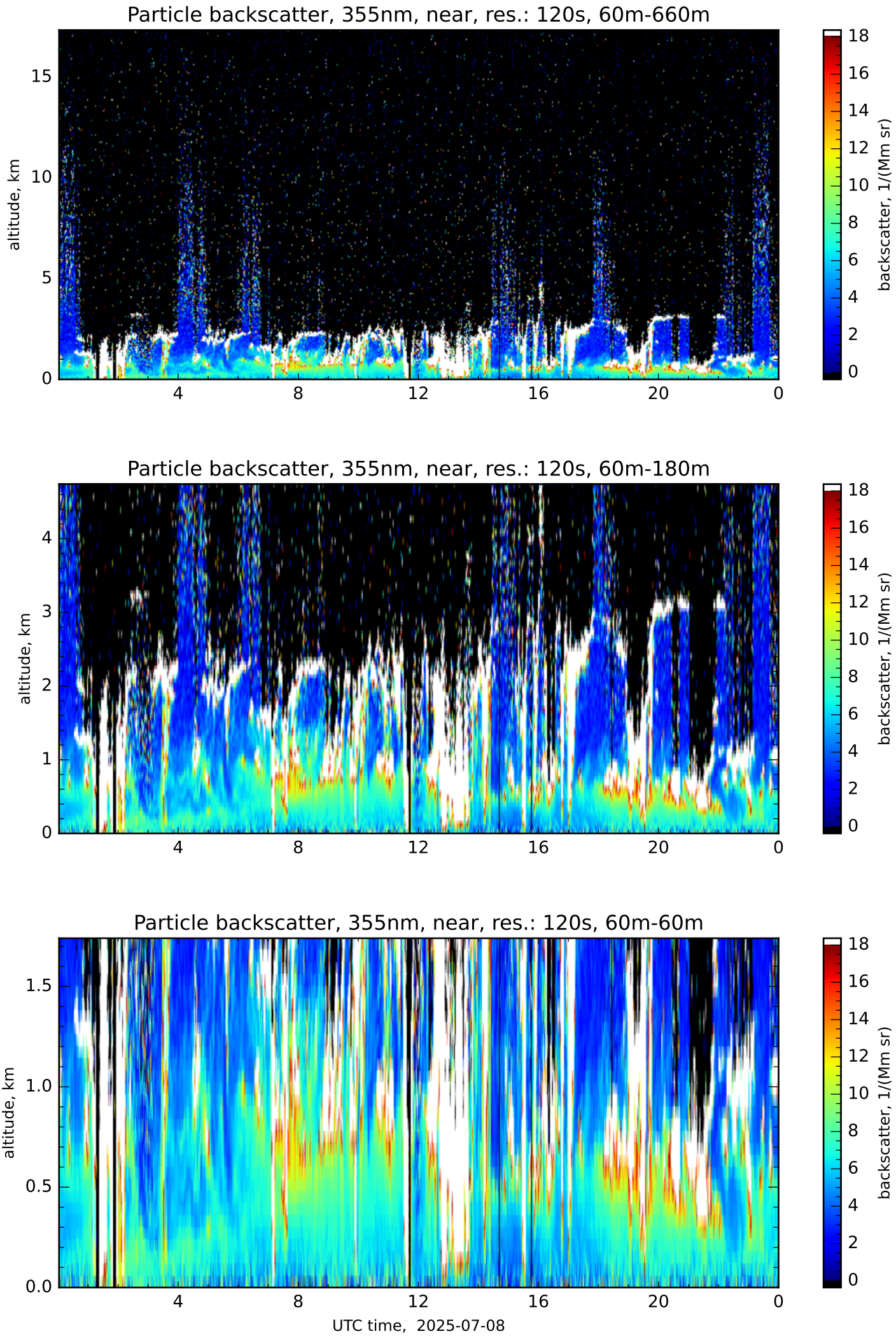

Particle backscatter, 532nm, merged, res.: 120s, 60m-660m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 532nm, merged, res.: 120s, 60m-180m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 532nm, merged, res.: 120s, 60m-60m
altitude, km
backscatter, 1/(Mm sr)
UTC time, 2025-07-08

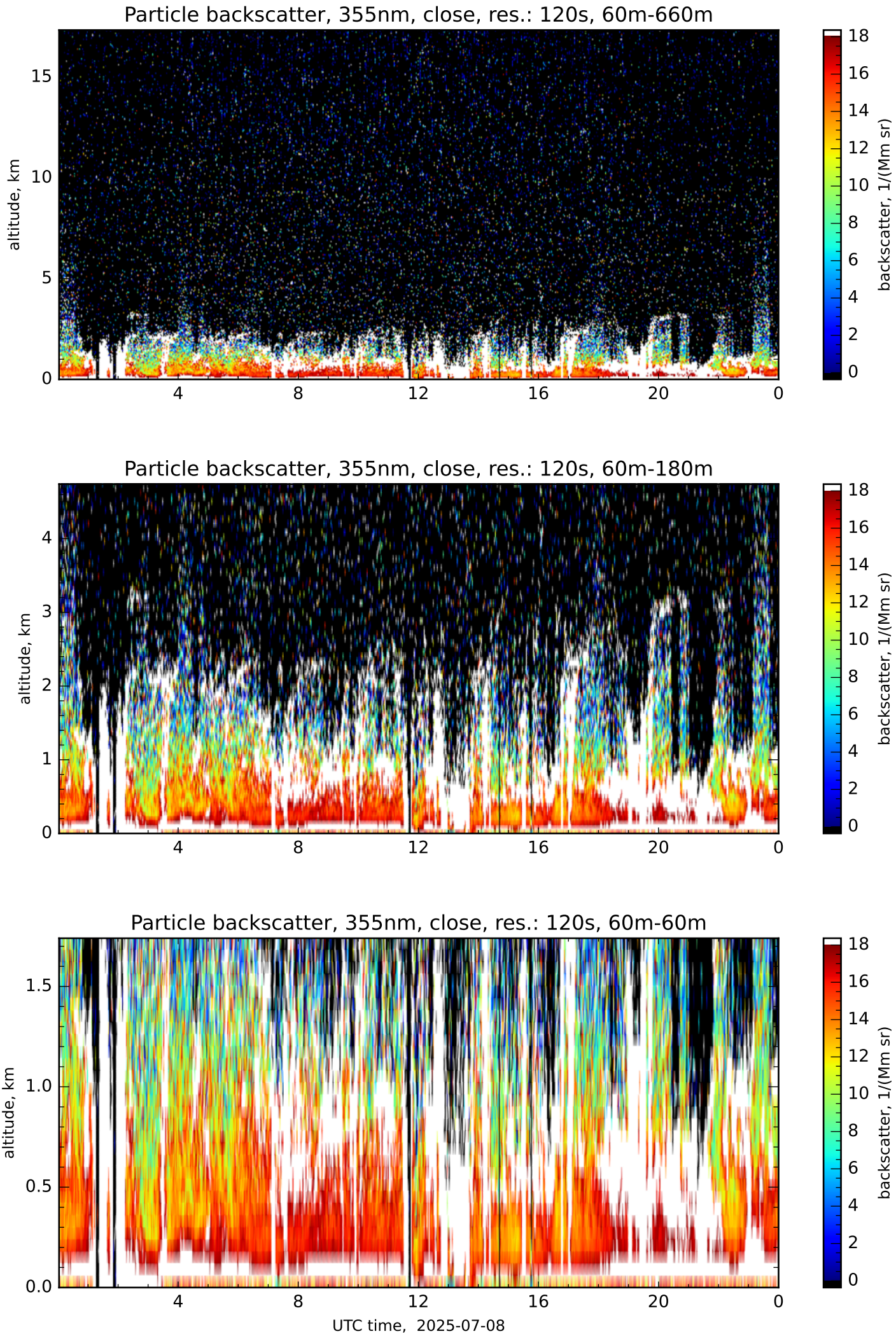

Particle backscatter, 532nm, far, res.: 120s, 60m-660m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 532nm, far, res.: 120s, 60m-180m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 532nm, far, res.: 120s, 60m-60m
altitude, km
backscatter, 1/(Mm sr)
UTC time, 2025-07-08

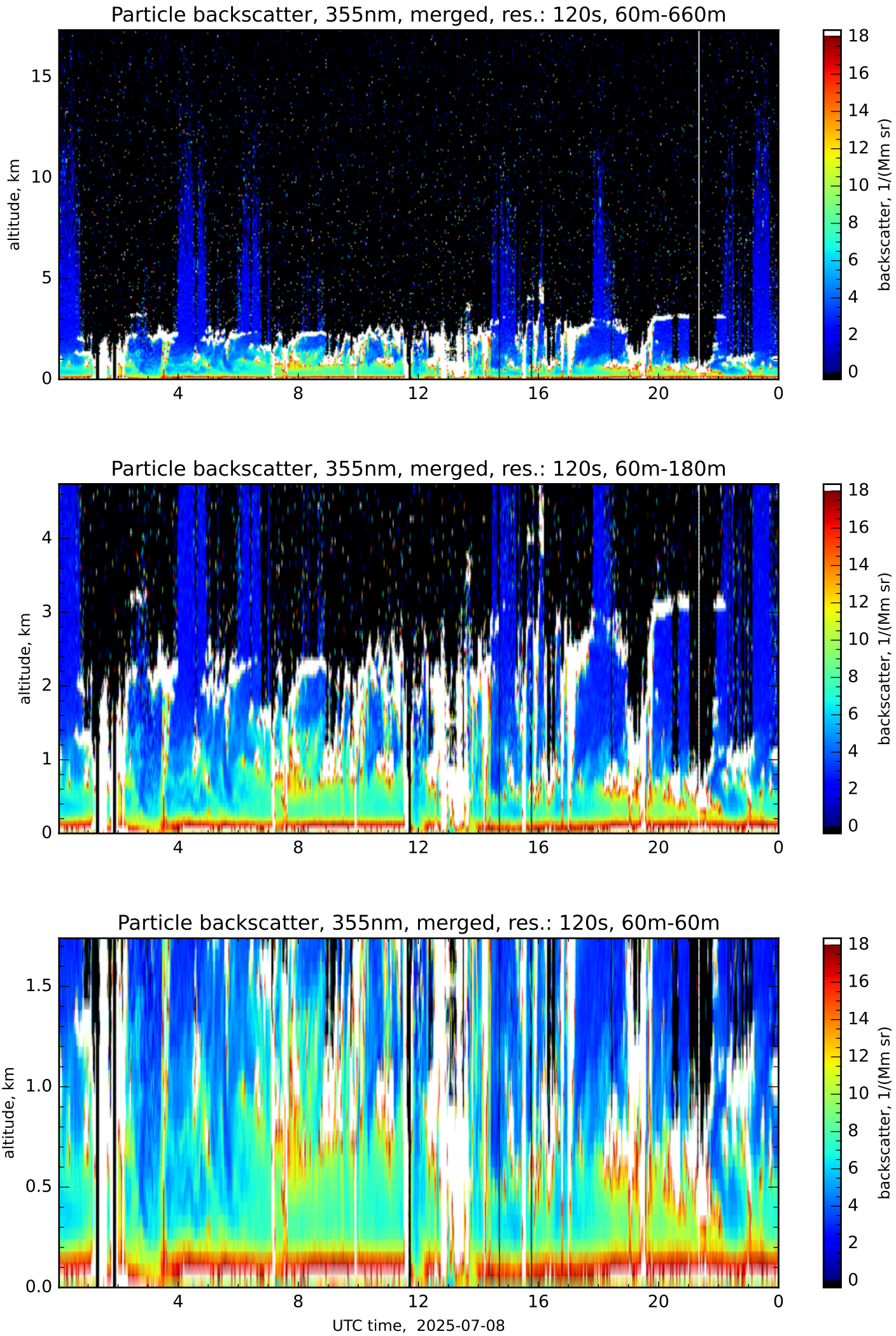

Particle backscatter, 532nm, near, res.: 120s, 60m-660m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 532nm, near, res.: 120s, 60m-180m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 532nm, near, res.: 120s, 60m-60m
altitude, km
backscatter, 1/(Mm sr)
UTC time, 2025-07-08

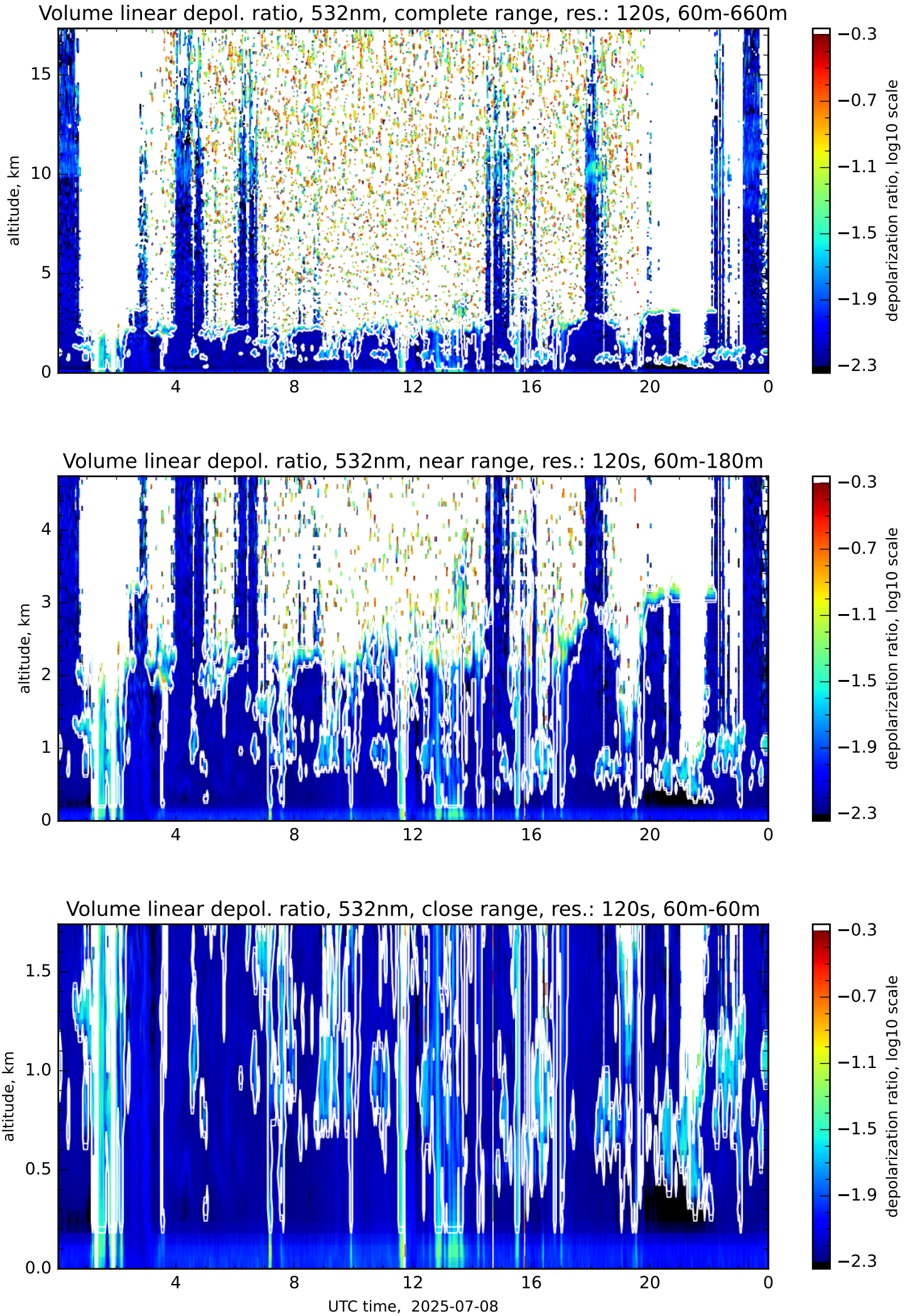

Particle backscatter, 532nm, close, res.: 120s, 60m-660m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 532nm, close, res.: 120s, 60m-180m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 532nm, close, res.: 120s, 60m-60m
altitude, km
backscatter, 1/(Mm sr)
UTC time, 2025-07-08

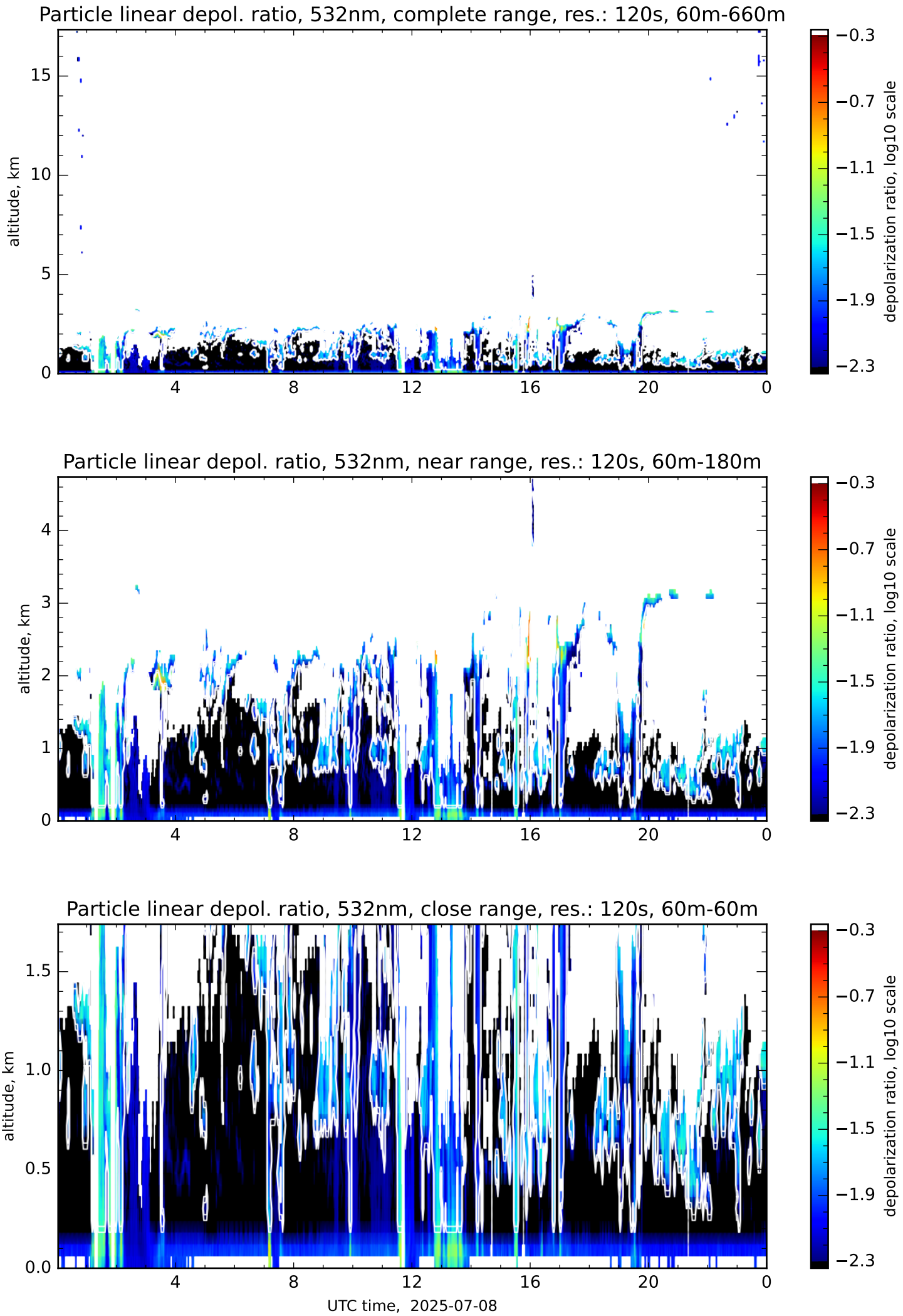

Particle backscatter, 355nm, far, res.: 120s, 60m-660m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 355nm, far, res.: 120s, 60m-180m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 355nm, far, res.: 120s, 60m-60m
altitude, km
backscatter, 1/(Mm sr)
UTC time, 2025-07-08

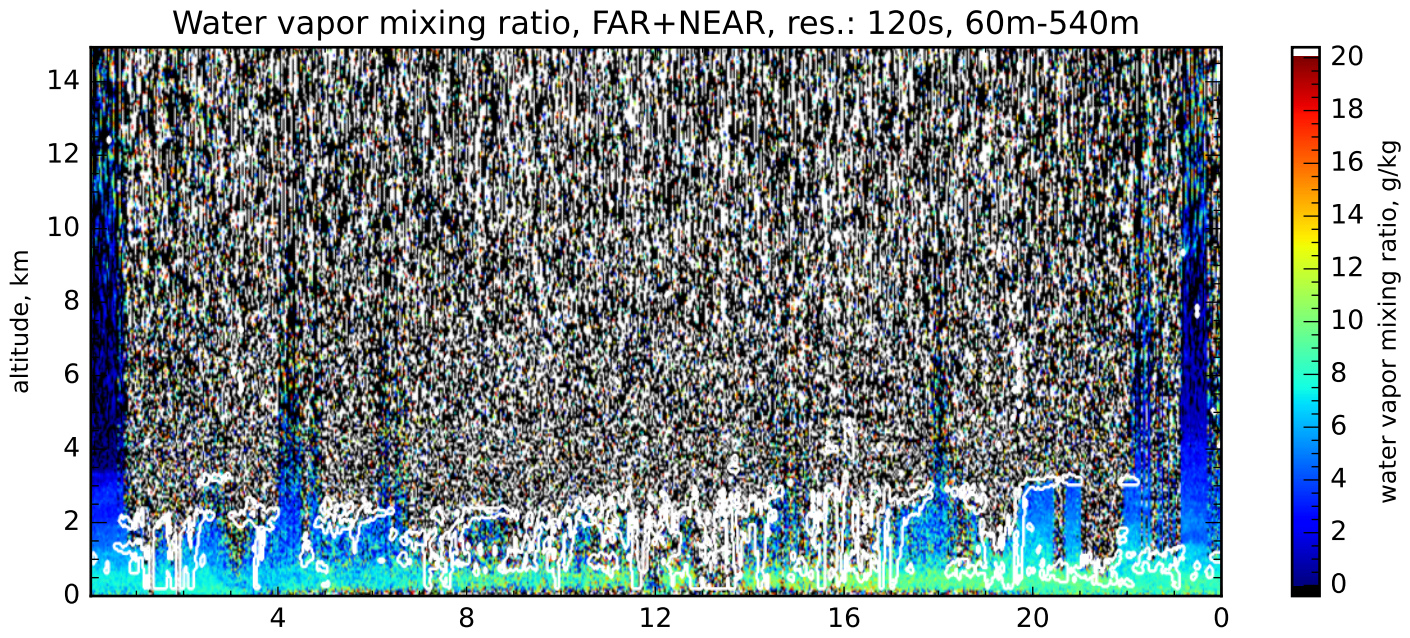

Particle backscatter, 355nm, near, res.: 120s, 60m-660m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 355nm, near, res.: 120s, 60m-180m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 355nm, near, res.: 120s, 60m-60m
altitude, km
backscatter, 1/(Mm sr)
UTC time, 2025-07-08

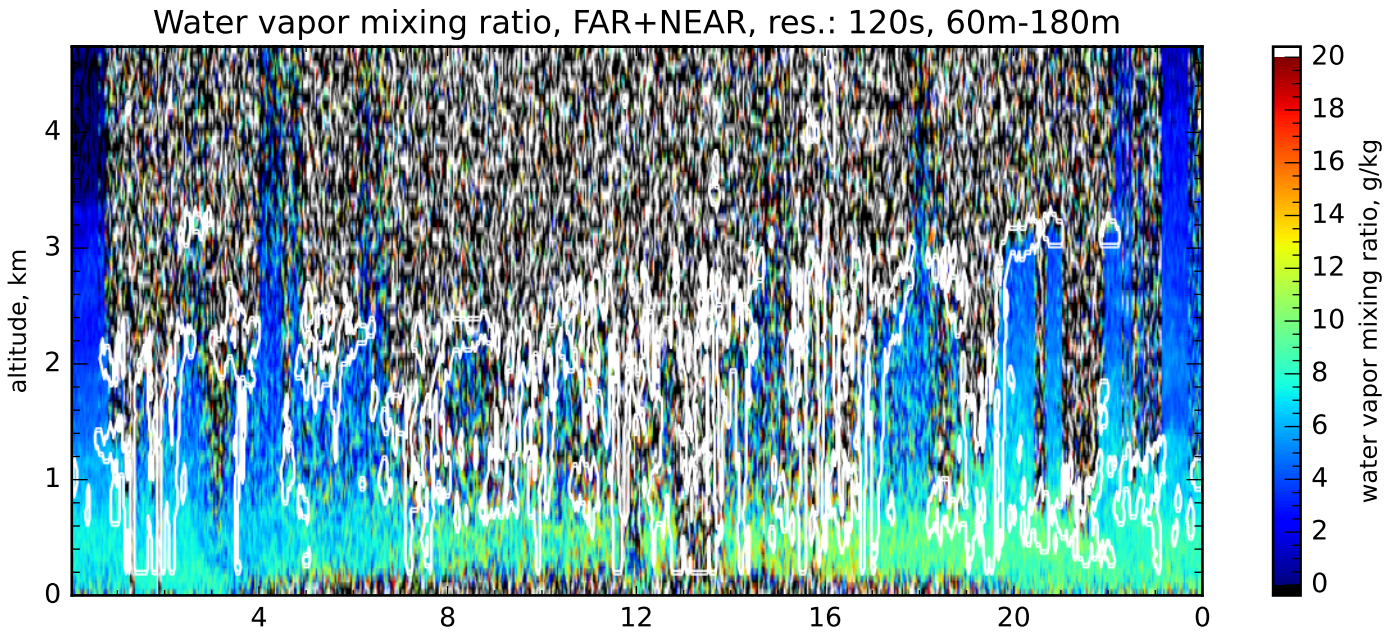

Particle backscatter, 355nm, close, res.: 120s, 60m-660m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 355nm, close, res.: 120s, 60m-180m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 355nm, close, res.: 120s, 60m-60m
altitude, km
backscatter, 1/(Mm sr)
UTC time, 2025-07-08

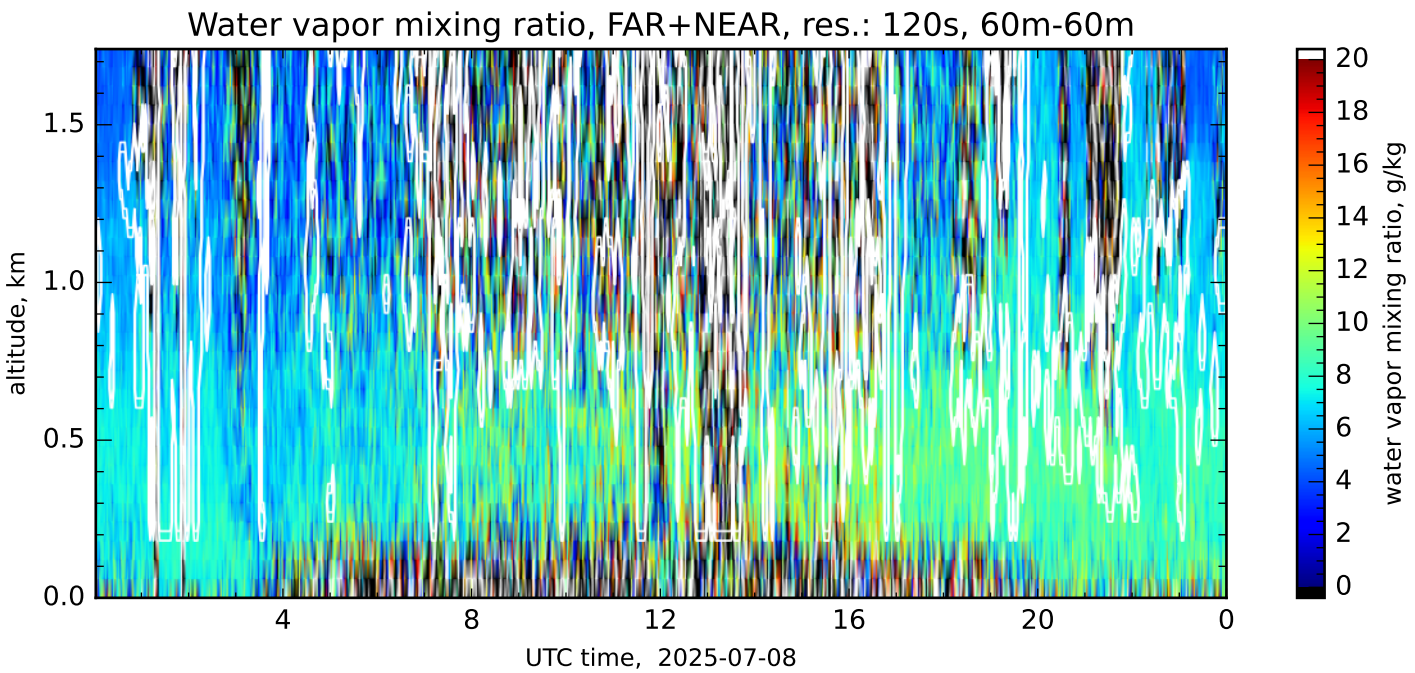

Particle backscatter, 355nm, merged, res.: 120s, 60m-660m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 355nm, merged, res.: 120s, 60m-180m
altitude, km
backscatter, 1/(Mm sr)
Particle backscatter, 355nm, merged, res.: 120s, 60m-60m
altitude, km
backscatter, 1/(Mm sr)
UTC time, 2025-07-08

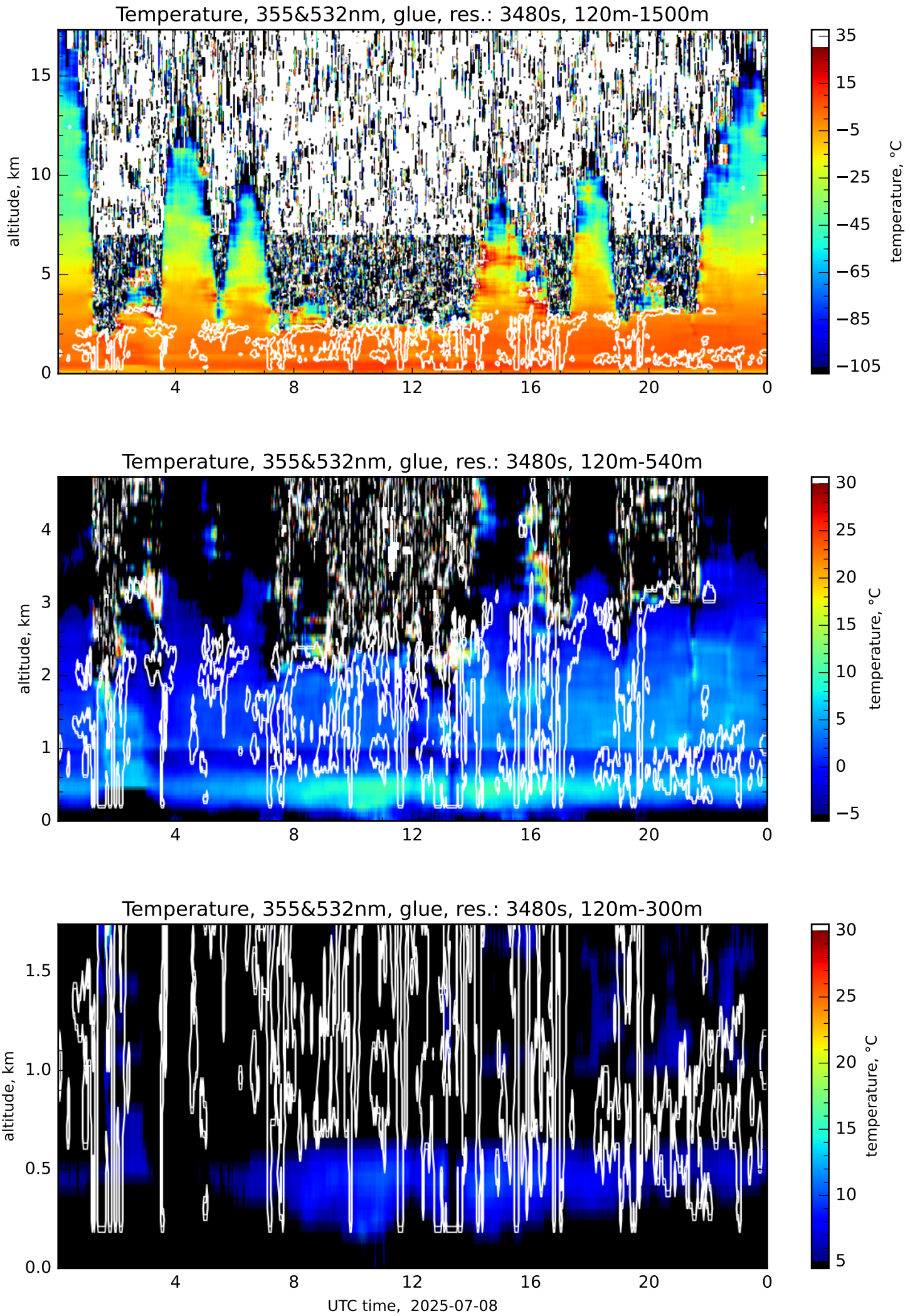

Volume linear depol. ratio, 532nm, complete range, res.: 120s, 60m-660m
altitude, km
depolarization ratio, log10 scale
Volume linear depol. ratio, 532nm, near range, res.: 120s, 60m-180m
altitude, km
depolarization ratio, log10 scale
Volume linear depol. ratio, 532nm, close range, res.: 120s, 60m-60m
altitude, km
depolarization ratio, log10 scale
UTC time, 2025-07-08

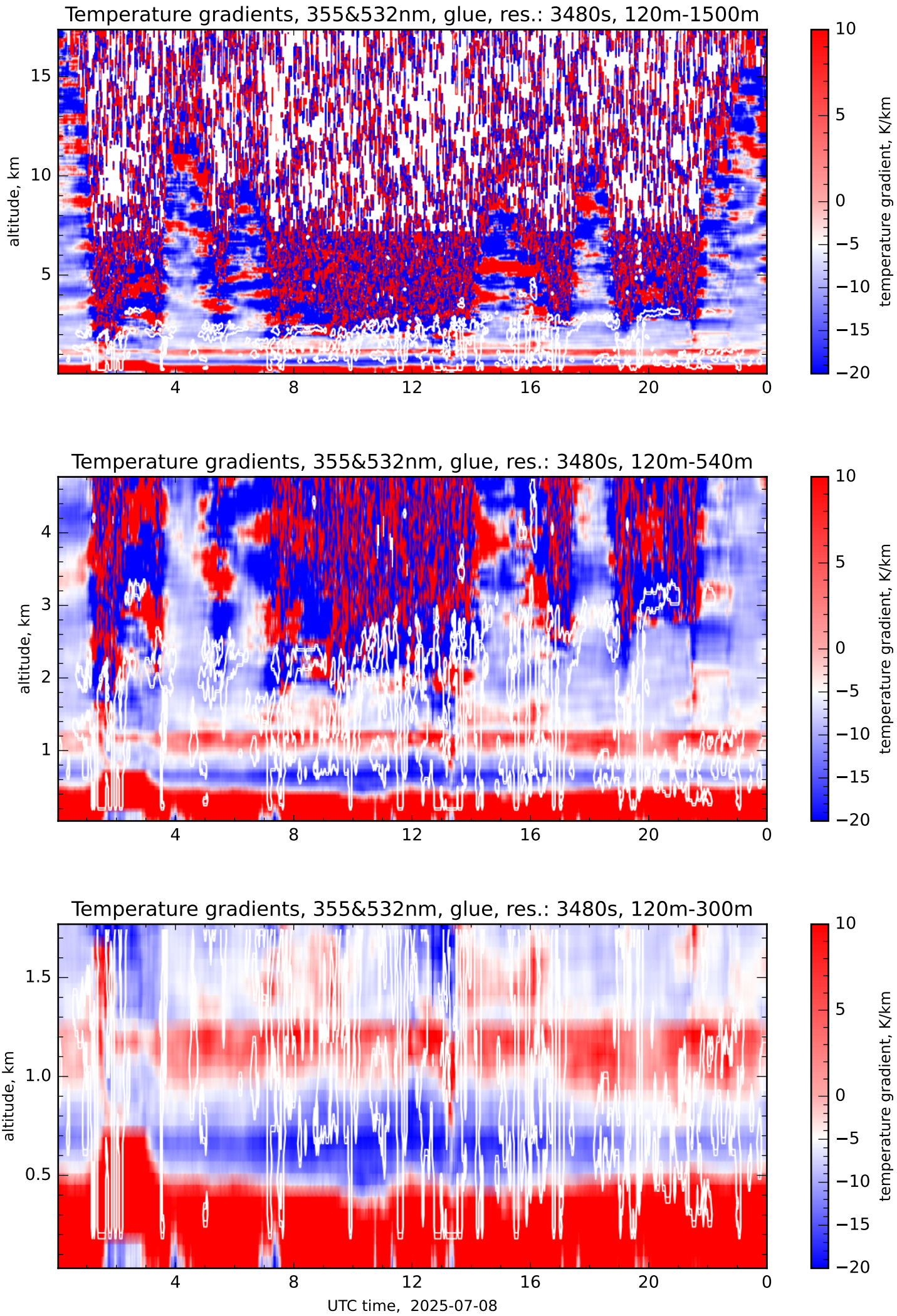

Particle linear depol. ratio, 532nm, complete range, res.: 120s, 60m-660m
altitude, km
depolarization ratio, log10 scale
Particle linear depol. ratio, 532nm, near range, res.: 120s, 60m-180m
altitude, km
depolarization ratio, log10 scale
Particle linear depol. ratio, 532nm, close range, res.: 120s, 60m-60m
altitude, km
depolarization ratio, log10 scale
UTC time, 2025-07-08

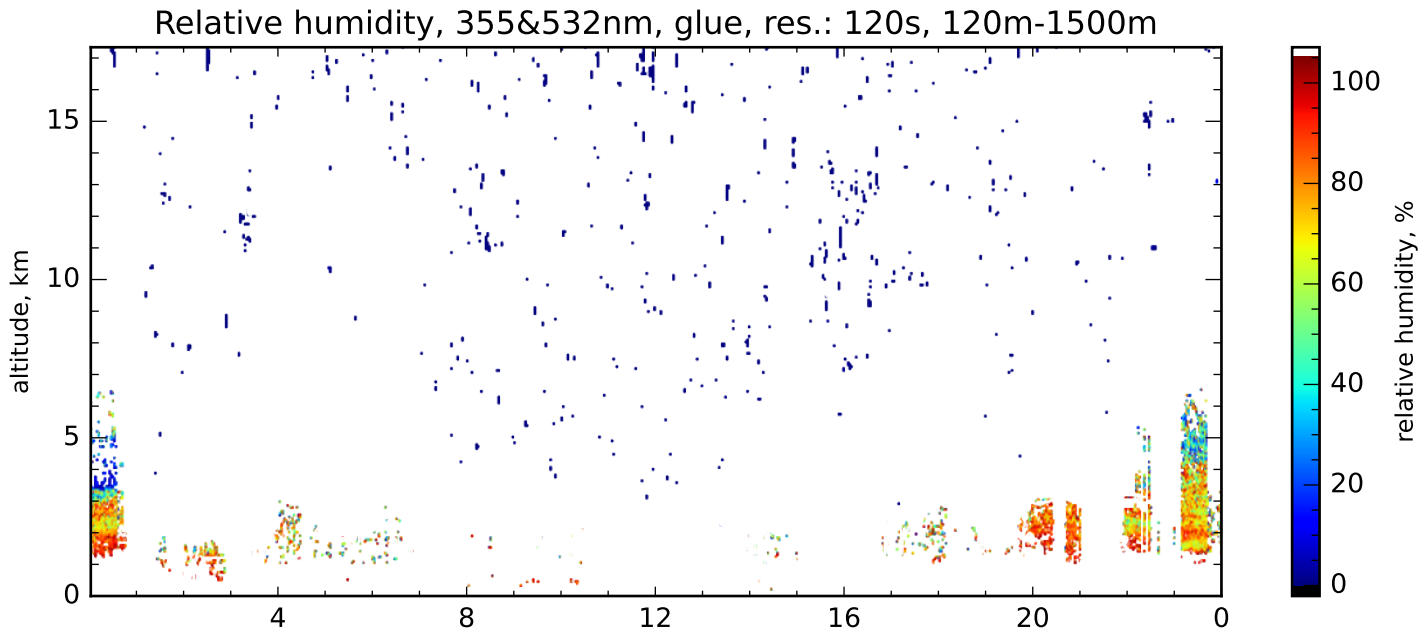

Water vapor mixing ratio, FAR+NEAR, res.: 120s, 60m-540m
altitude, km
0
2
4
6
8
10
12
14
4
8
12
16
20
0
water vapor mixing ratio, g/kg
0
2
4
6
8
10
12
14
16
18
20

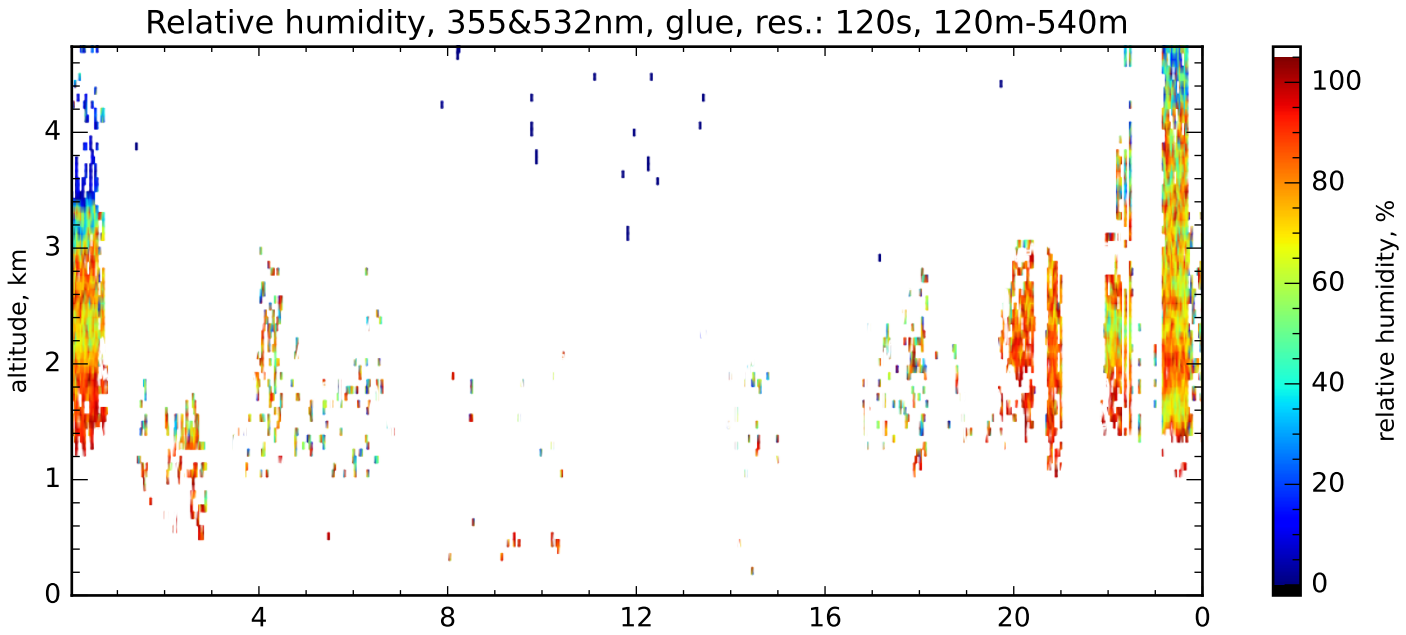

Water vapor mixing ratio, FAR+NEAR, res.: 120s, 60m-180m
altitude, km
0
1
2
3
4
4
8
12
16
20
0
water vapor mixing ratio, g/kg
0
2
4
6
8
10
12
14
16
18
20

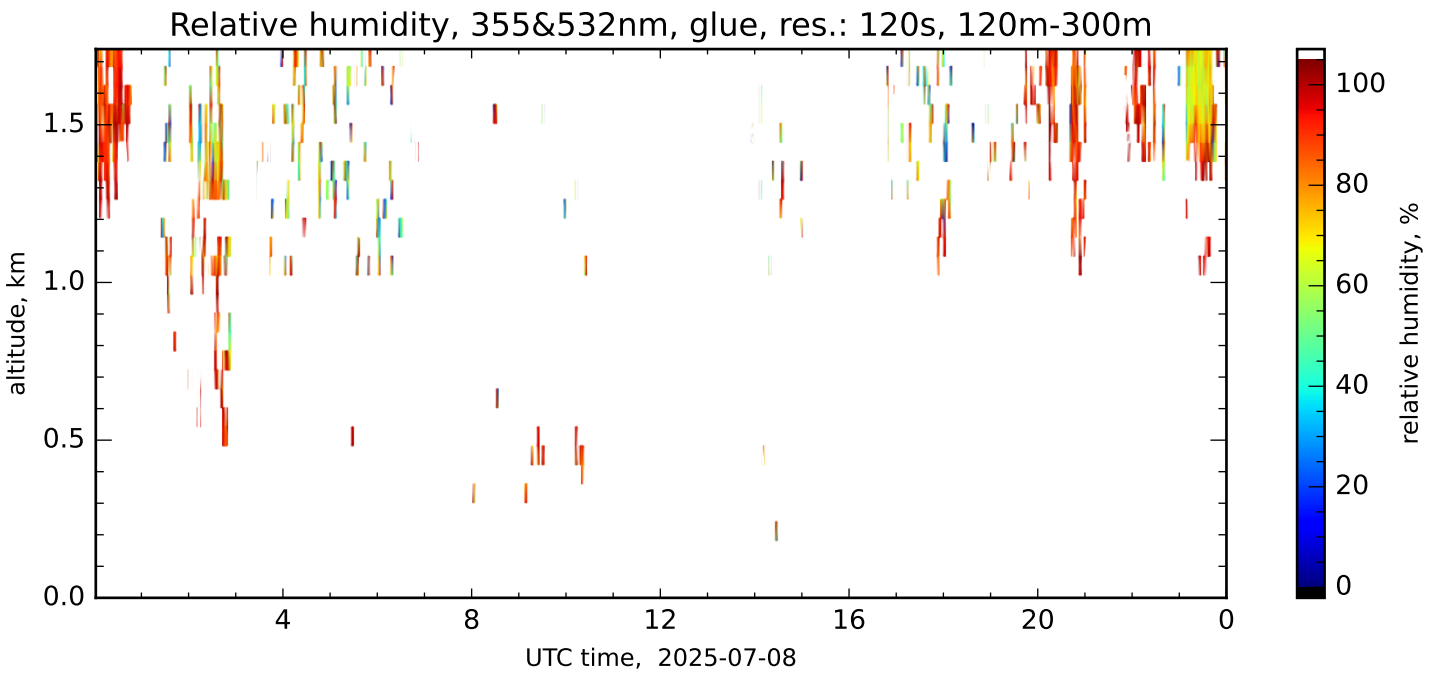

Water vapor mixing ratio, FAR+NEAR, res.: 120s, 60m-60m
altitude, km
0.0
0.5
1.0
1.5
4
8
12
16
20
0
UTC time, 2025-07-08
water vapor mixing ratio, g/kg
0
2
4
6
8
10
12
14
16
18
20

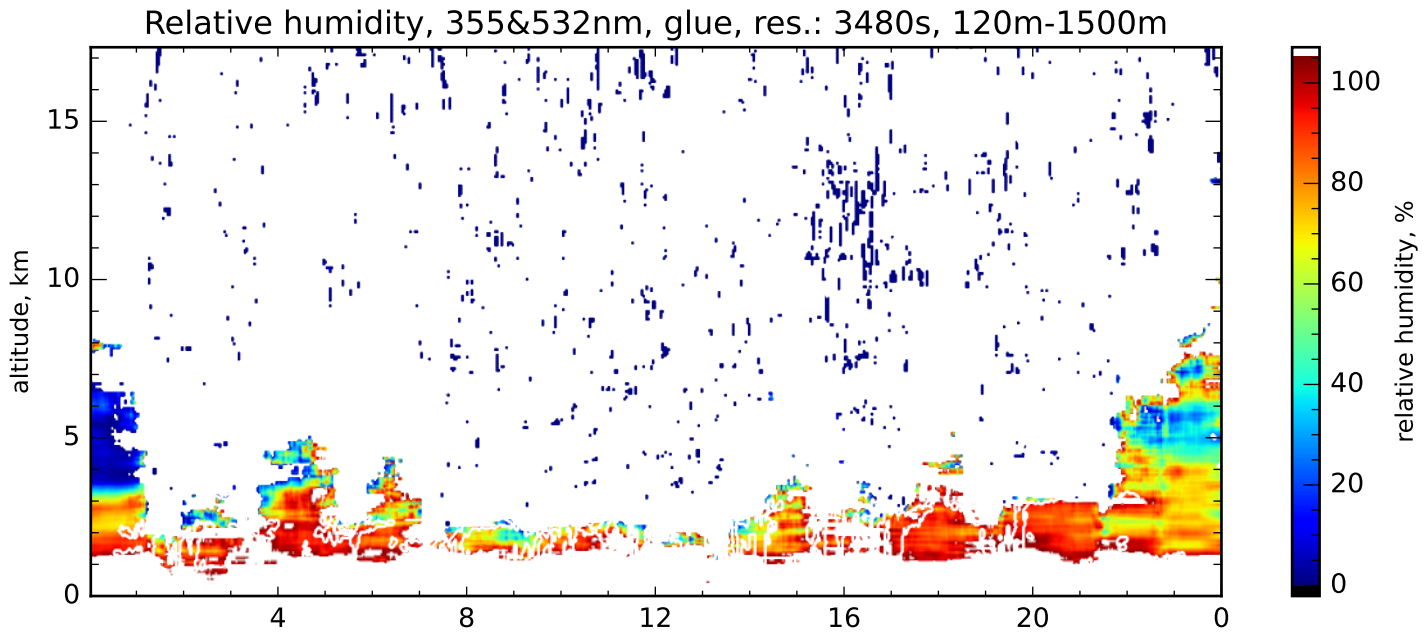

Temperature, 355&532nm, glue, res.: 3480s, 120m-1500m
altitude, km
temperature, °C
Temperature, 355&532nm, glue, res.: 3480s, 120m-540m
altitude, km
temperature, °C
Temperature, 355&532nm, glue, res.: 3480s, 120m-300m
altitude, km
temperature, °C
UTC time, 2025-07-08

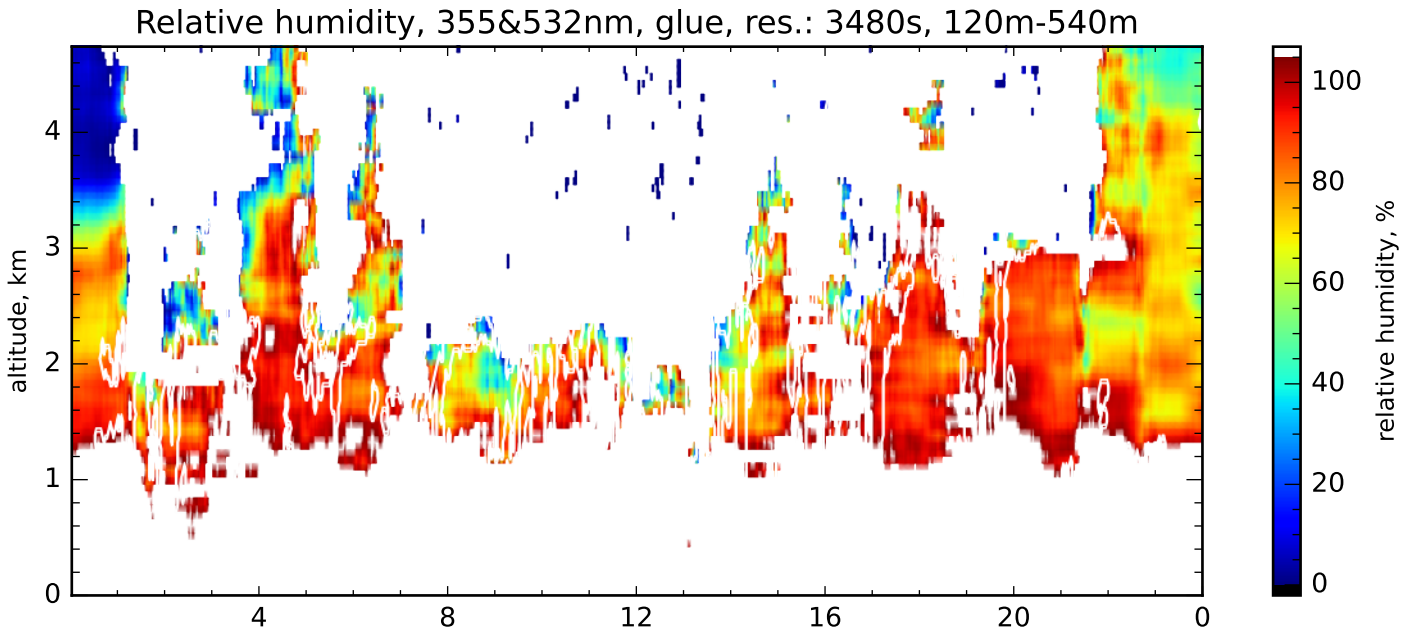

Temperature gradients, 355&532nm, glue, res.: 3480s, 120m-1500m
altitude, km
temperature gradient, K/km
Temperature gradients, 355&532nm, glue, res.: 3480s, 120m-540m
altitude, km
temperature gradient, K/km
Temperature gradients, 355&532nm, glue, res.: 3480s, 120m-300m
altitude, km
temperature gradient, K/km
UTC time, 2025-07-08

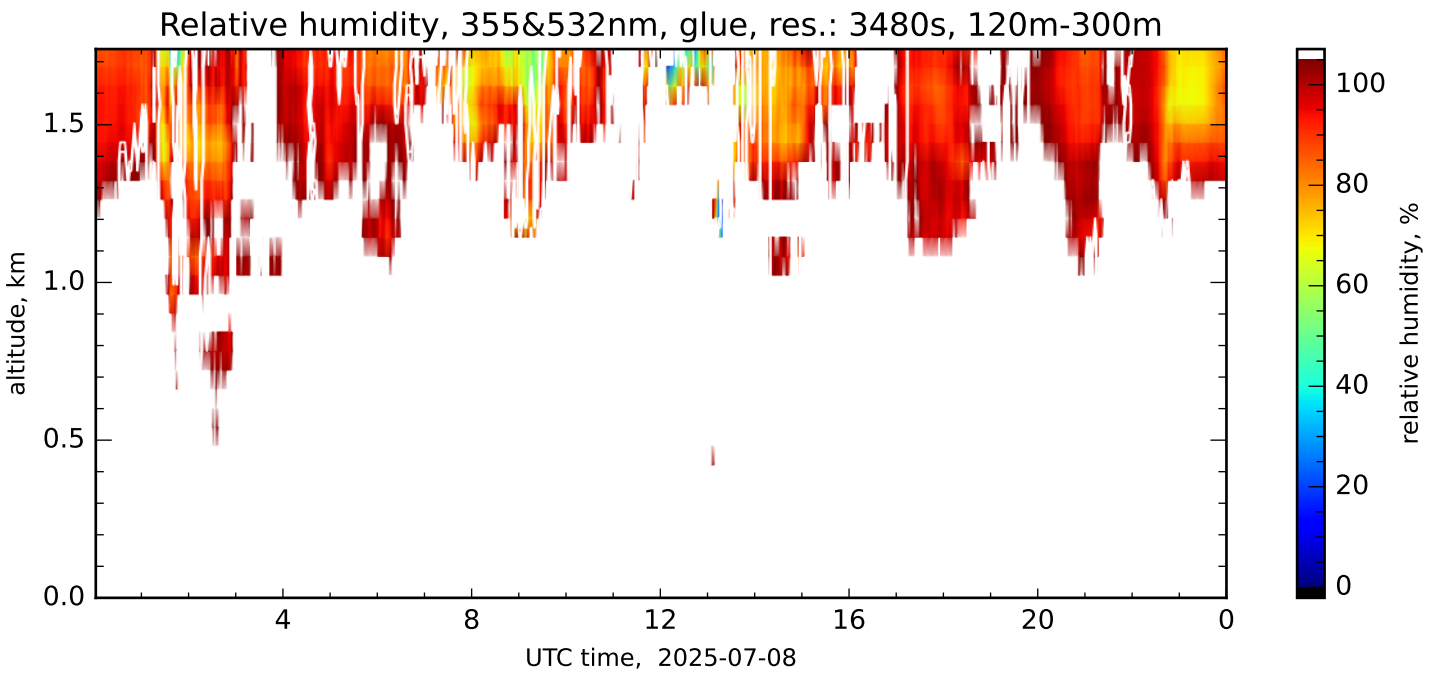

Relative humidity, 355&532nm, glue, res.: 120s, 120m-1500m
altitude, km
0
5
10
15
4
8
12
16
20
0
relative humidity, %
0
20
40
60
80
100


Relative humidity, 355&532nm, glue, res.: 120s, 120m-540m
altitude, km
0
1
2
3
4
4
8
12
16
20
0
relative humidity, %
0
20
40
60
80
100


Relative humidity, 355&532nm, glue, res.: 120s, 120m-300m
altitude, km
0.0
0.5
1.0
1.5
4
8
12
16
20
0
UTC time, 2025-07-08
relative humidity, %
0
20
40
60
80
100


Relative humidity, 355&532nm, glue, res.: 3480s, 120m-1500m
altitude, km
0
5
10
15
4
8
12
16
20
0
relative humidity, %
0
20
40
60
80
100


Relative humidity, 355&532nm, glue, res.: 3480s, 120m-540m
altitude, km
0
1
2
3
4
4
8
12
16
20
0
relative humidity, %
0
20
40
60
80
100


Relative humidity, 355&532nm, glue, res.: 3480s, 120m-300m
altitude, km
0.0
0.5
1.0
1.5
4
8
12
16
20
0
UTC time, 2025-07-08
relative humidity, %
0
20
40
60
80
100