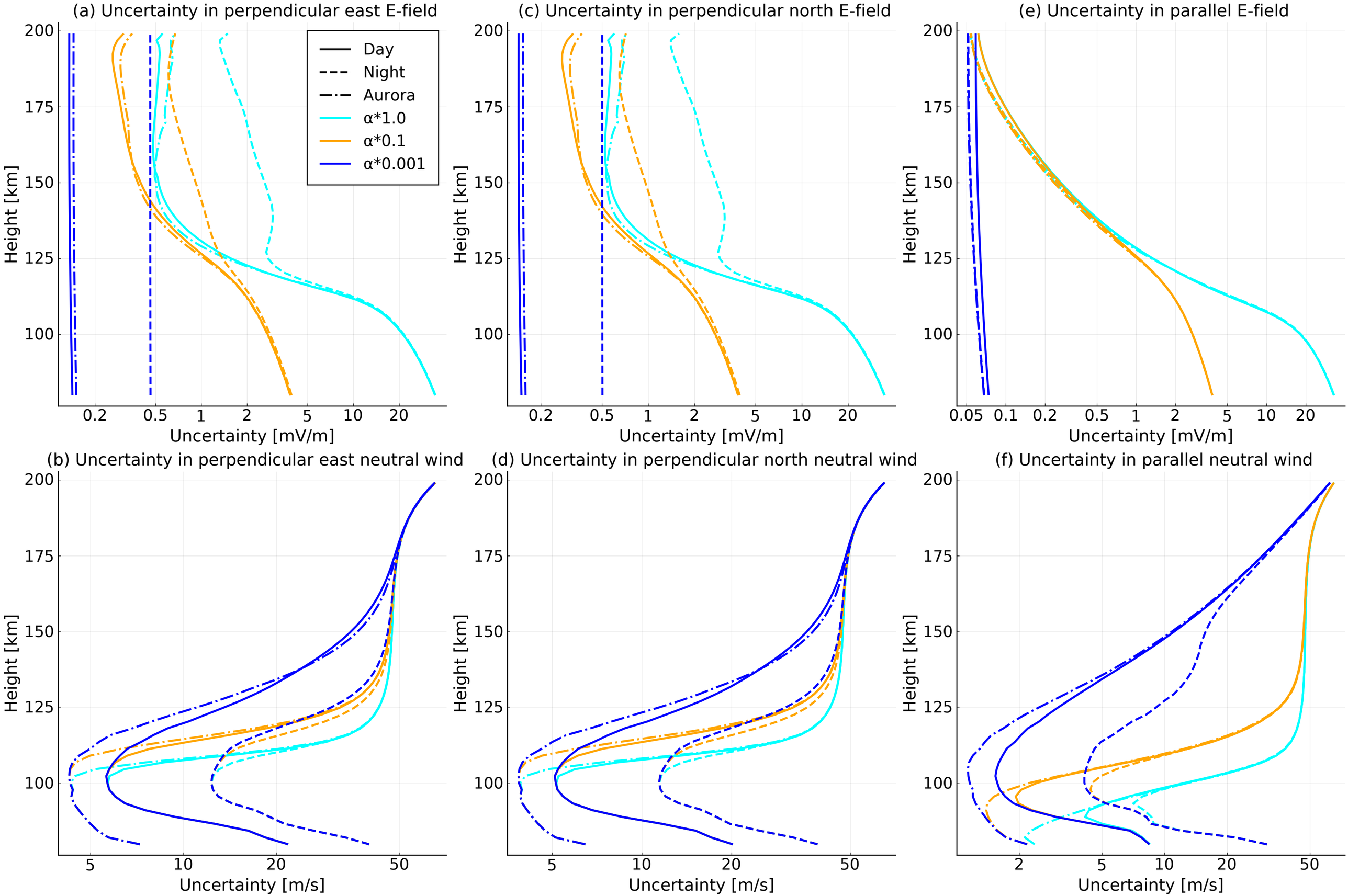
(a) Uncertainty in perpendicular east E-field
(c) Uncertainty in perpendicular north E-field
(e) Uncertainty in parallel E-field
(b) Uncertainty in perpendicular east neutral wind
(d) Uncertainty in perpendicular north neutral wind
(f) Uncertainty in parallel neutral wind
Day
Night
Aurora
α*1.0
α*0.1
α*0.001
Height [km]
Uncertainty [mV/m]
Uncertainty [m/s]
200
175
150
125
100
0.05
0.1
0.2
0.5
1
2
5
10
20
50