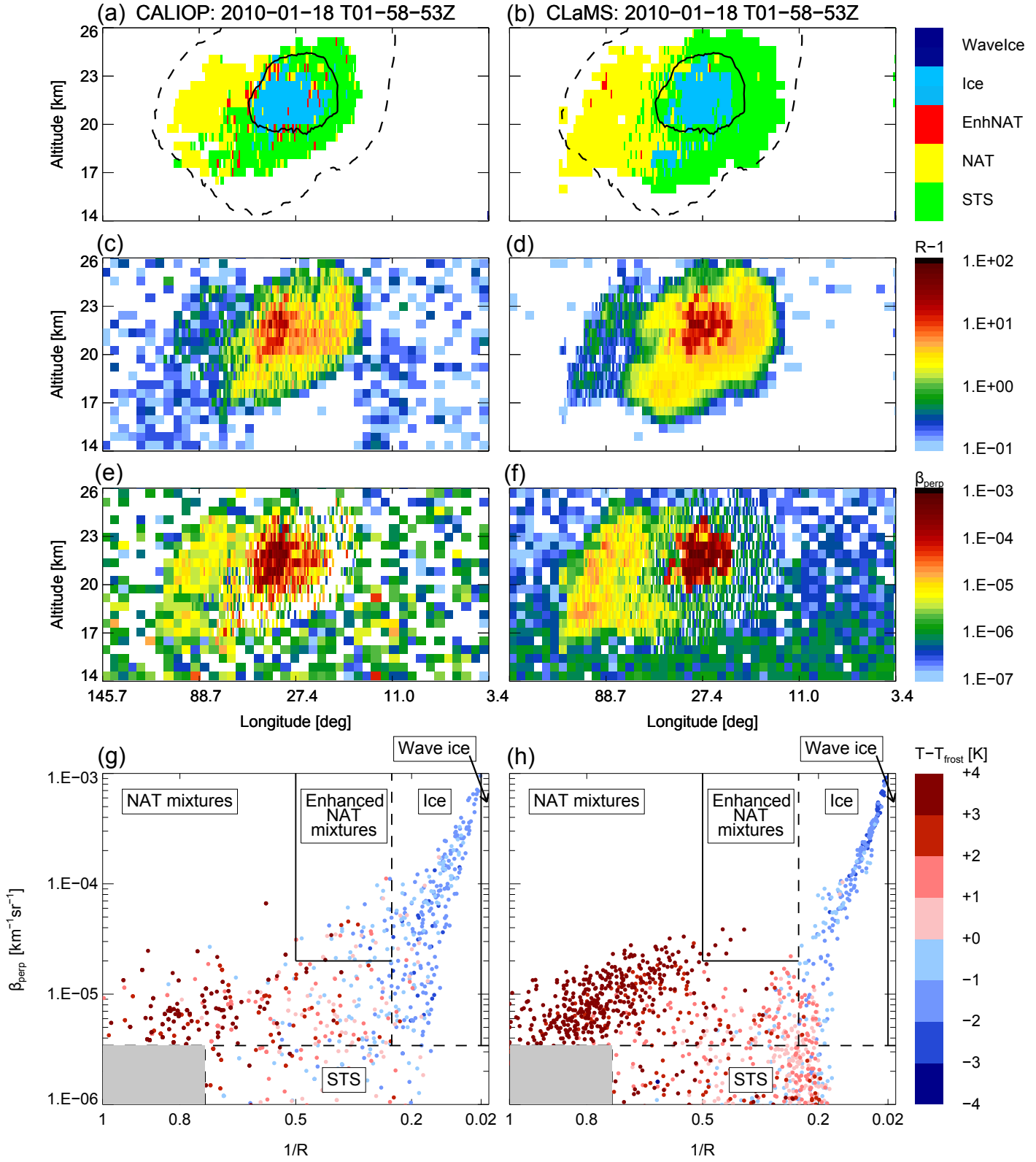
(a) CALIOP: 2010-01-18 T01-58-53Z
(b) CLaMS: 2010-01-18 T01-58-53Z
Altitude [km]
26
23
20
17
14
WaveIce
Ice
EnhNAT
NAT
STS
(c)
(d)
R-1
1.E+02
1.E+01
1.E+00
1.E-01
(e)
(f)
βperp
1.E-03
1.E-04
1.E-05
1.E-06
1.E-07
145.7
88.7
27.4
11.0
3.4
Longitude [deg]
(g)
(h)
Wave ice
NAT mixtures
Enhanced NAT mixtures
Ice
STS
βperp [km-1sr-1]
1.E-03
1.E-04
1.E-05
1.E-06
1
0.8
0.5
0.2
0.02
1/R
T-Tfrost [K]
+4
+3
+2
+1
+0
-1
-2
-3
-4