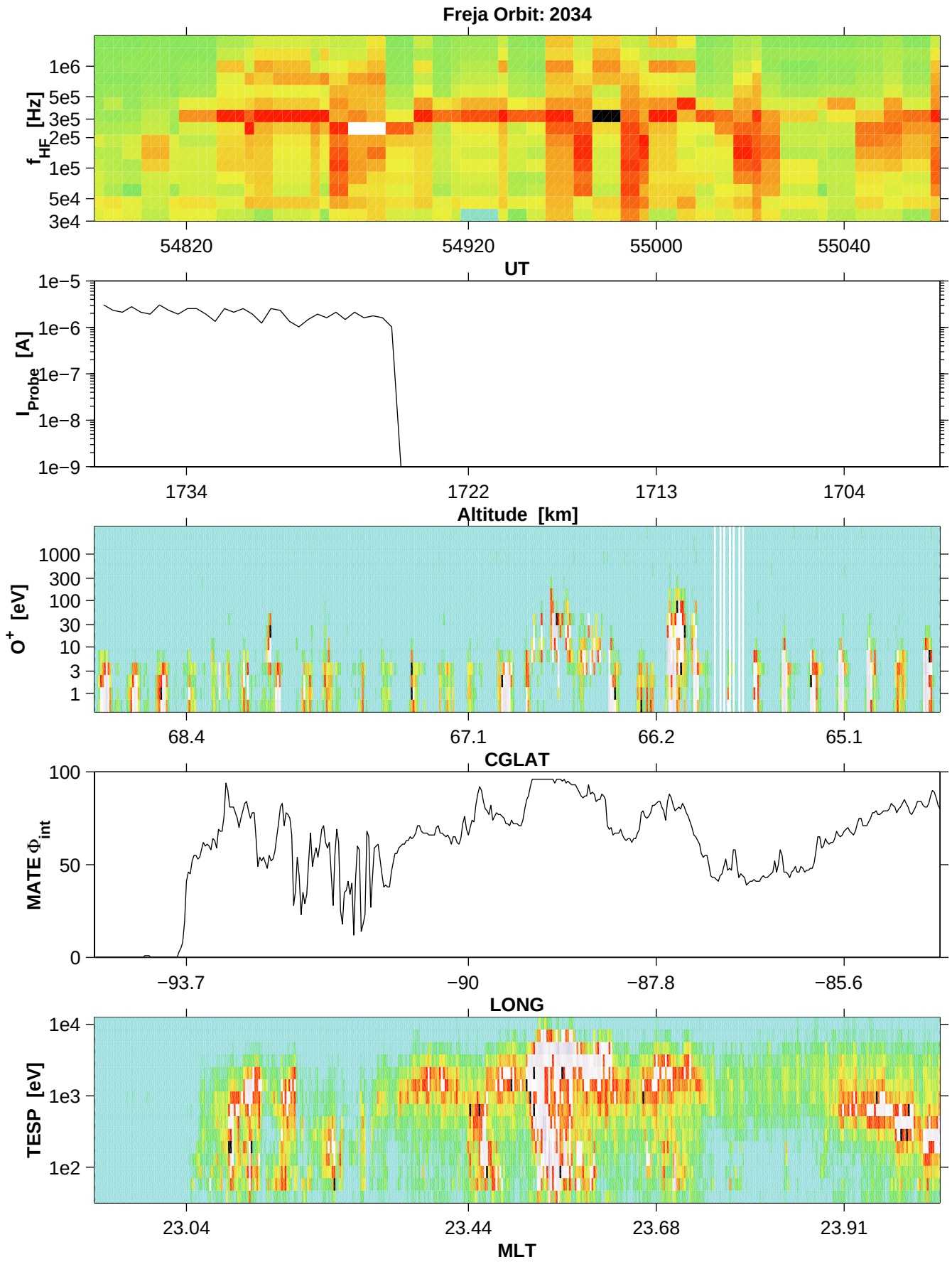
Freja Orbit: 2034
f_{HF} [Hz]
1e6
5e5
3e5
2e5
1e5
5e4
3e4
54820
54920
55000
55040
UT
I_{Probe} [A]
1e−5
1e−6
1e−7
1e−8
1e−9
1734
1722
1713
1704
Altitude [km]
O^+ [eV]
1000
300
100
30
10
3
1
68.4
67.1
66.2
65.1
CGLAT
MATE Φ_{int}
100
50
0
−93.7
−90
−87.8
−85.6
LONG
TESP [eV]
1e4
1e3
1e2
23.04
23.44
23.68
23.91
MLT