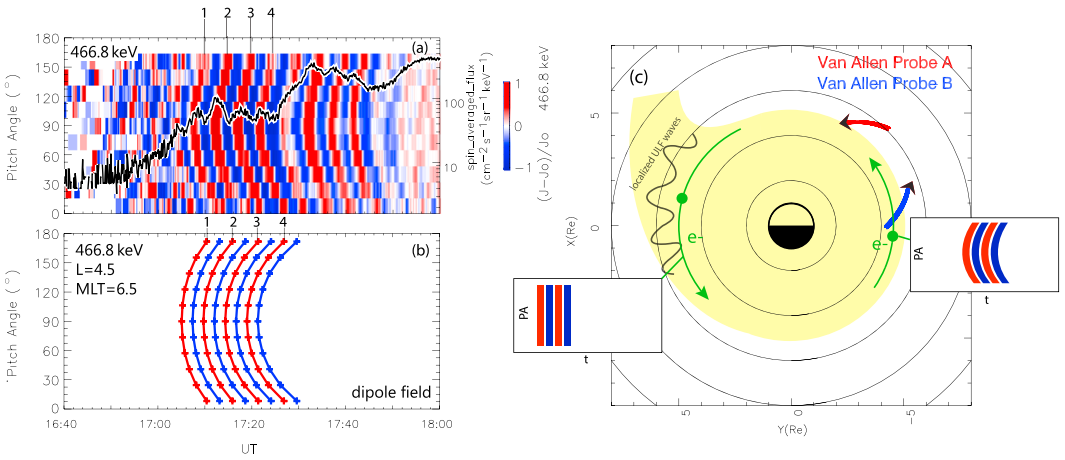
1
2
3
4
466.8 keV
(a)
Pitch Angle (°)
spin_averaged_Flux
(cm^-2 s^-1 sr^-1 keV^-1)
100
10
1
0
-1
466.8 keV
(J-Jo)/Jo
466.8 keV
L=4.5
MLT=6.5
(b)
dipole field
16:40
17:00
17:20
17:40
18:00
UT
(c)
Van Allen Probe A
Van Allen Probe B
localized ULF waves
e-
e-
X(Re)
Y(Re)
PA
t
PA
t