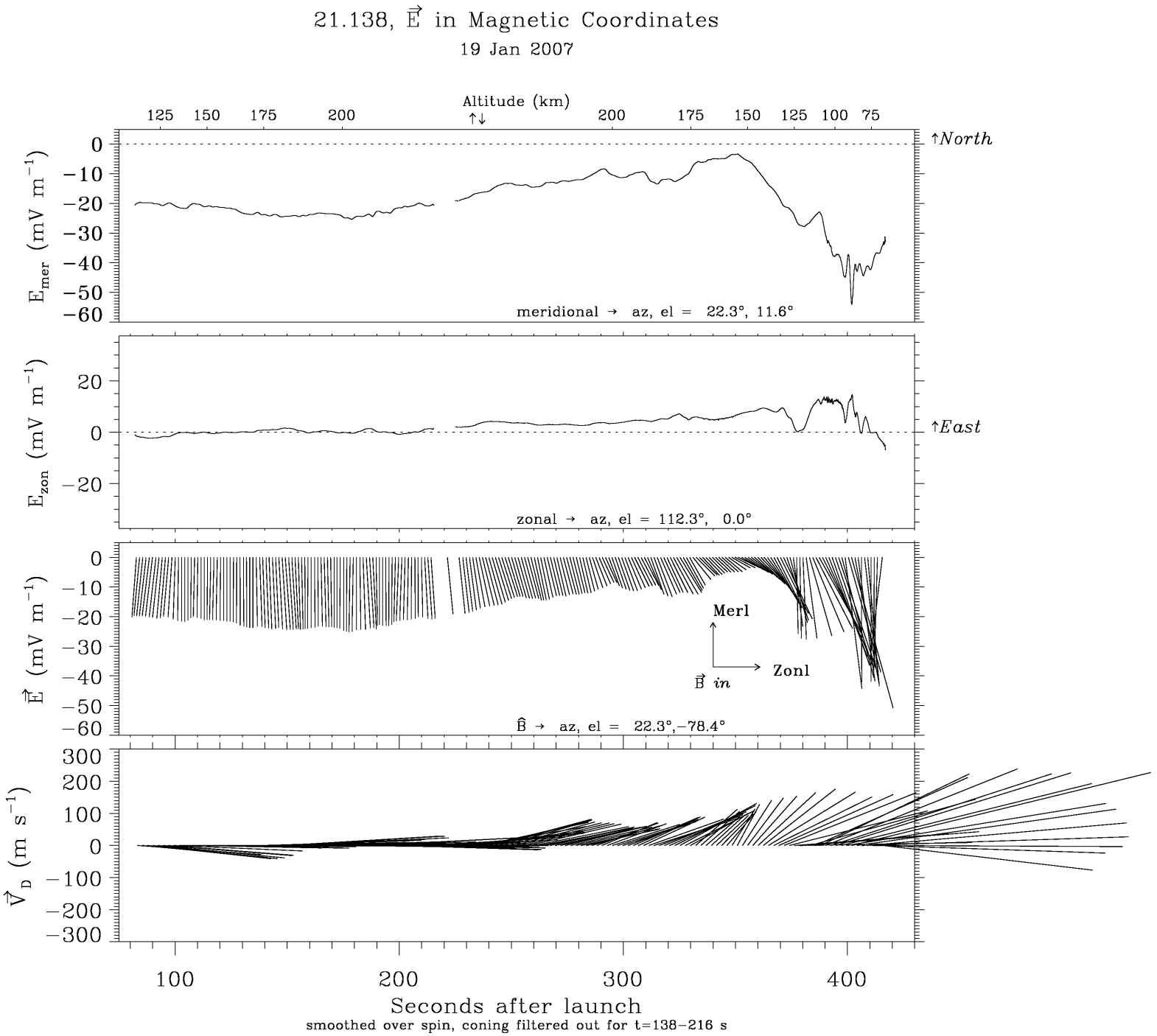
21.138, $\vec{E}$ in Magnetic Coordinates
19 Jan 2007
Altitude (km)
125 150 175 200 ↑↓ 200 175 150 125 100 75
↑North
E_{mer} (mV m^{-1})
meridional → az, el = 22.3°, 11.6°
E_{zon} (mV m^{-1})
↑East
zonal → az, el = 112.3°, 0.0°
$\vec{E}$ (mV m^{-1})
Merl
Zonl
$\vec{B}$ in
$\hat{B}$ → az, el = 22.3°,−78.4°
$\vec{V}_D$ (m s^{-1})
Seconds after launch
smoothed over spin, coning filtered out for t=138−216 s