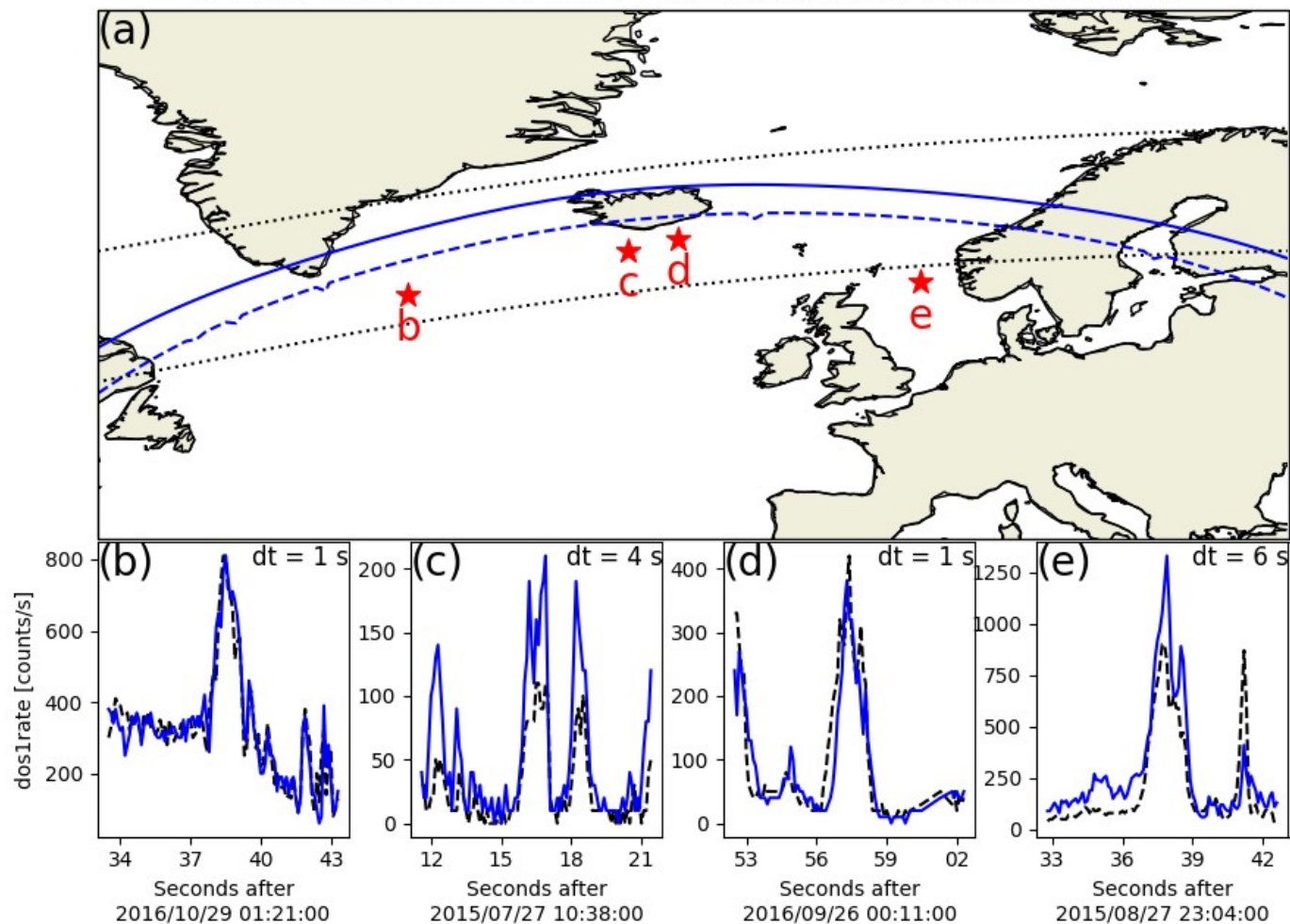


AC6 Curtain Update
Mykhaylo Shumko
5 March 2020

Whats New

- A plot of curtains in the bounce loss cone (BLC)
- Curtain width distribution
- Auroral Electrojet (AE) curtain distribution
- Ready to assemble this into a manuscript

AC6 Curtains in the Bounce Loss Cone

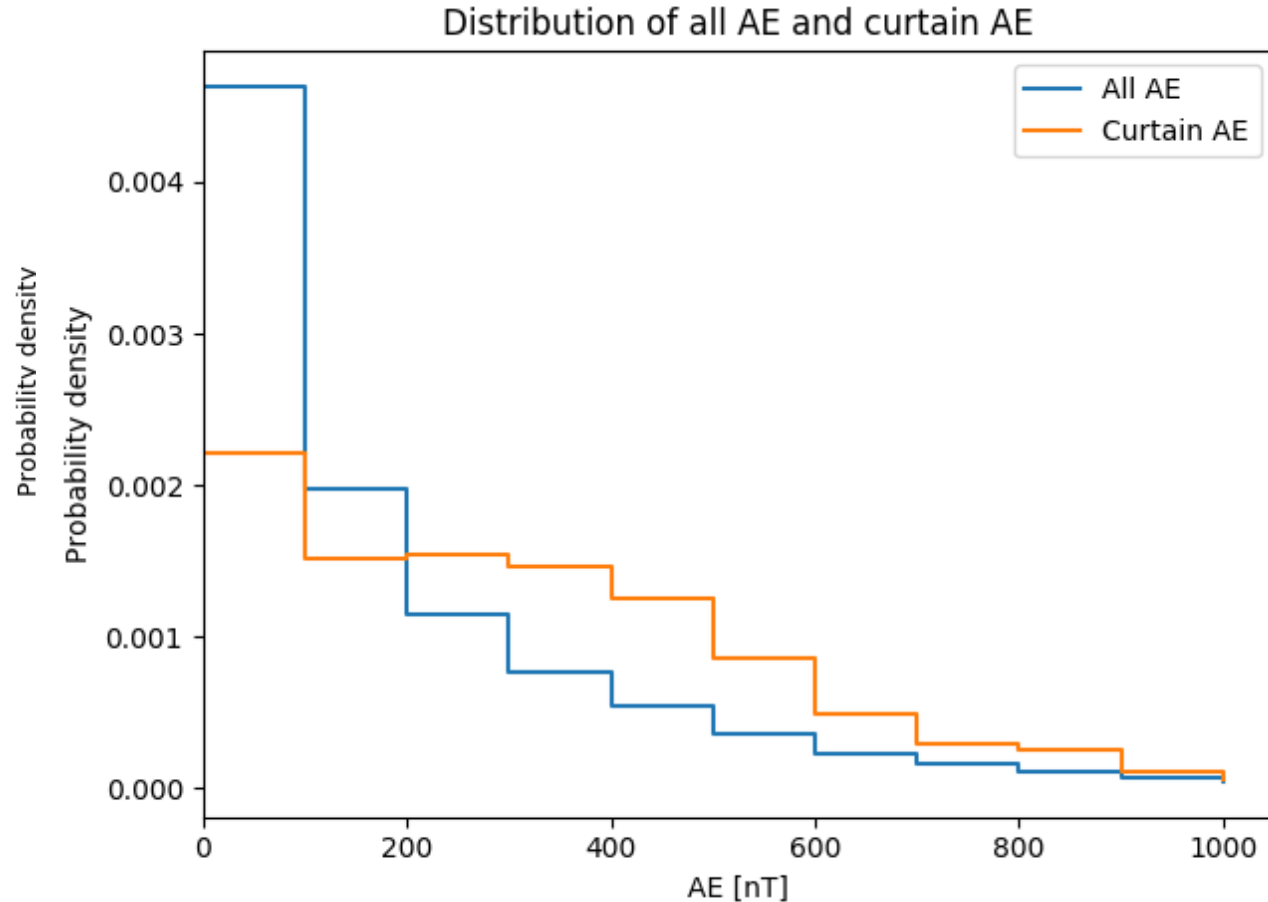


MLT of all but example C were near midnight. Example C was at 10 MLT

Very high AE; between 500 and 700 nT

Not near the edge of The BLC. The edge ranged from 25 to 50 seconds away

Curtains vs. Auroral Electrojet

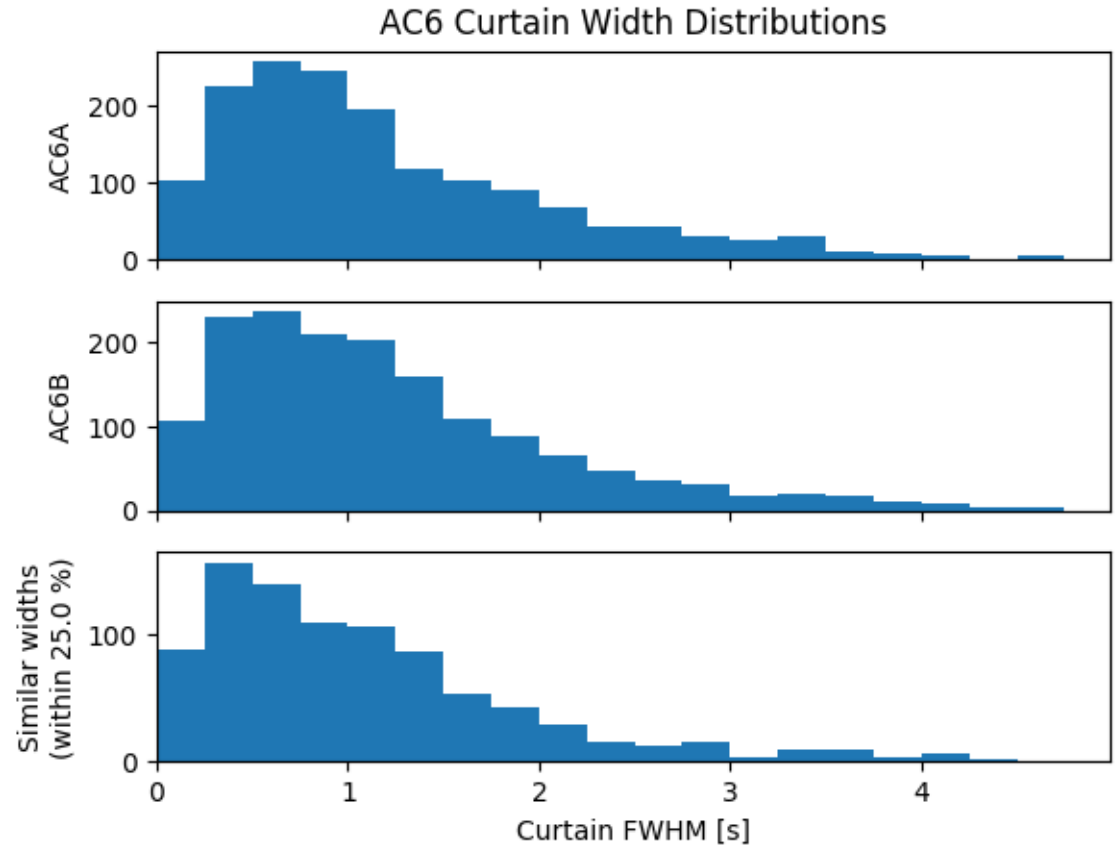


Curtain widths

Width defined as half of the topographic prominence.

Scale the x-axis by 7.5 as a rough conversion to km.

90% of curtains are < 21 km wide.



Topographic prominence

