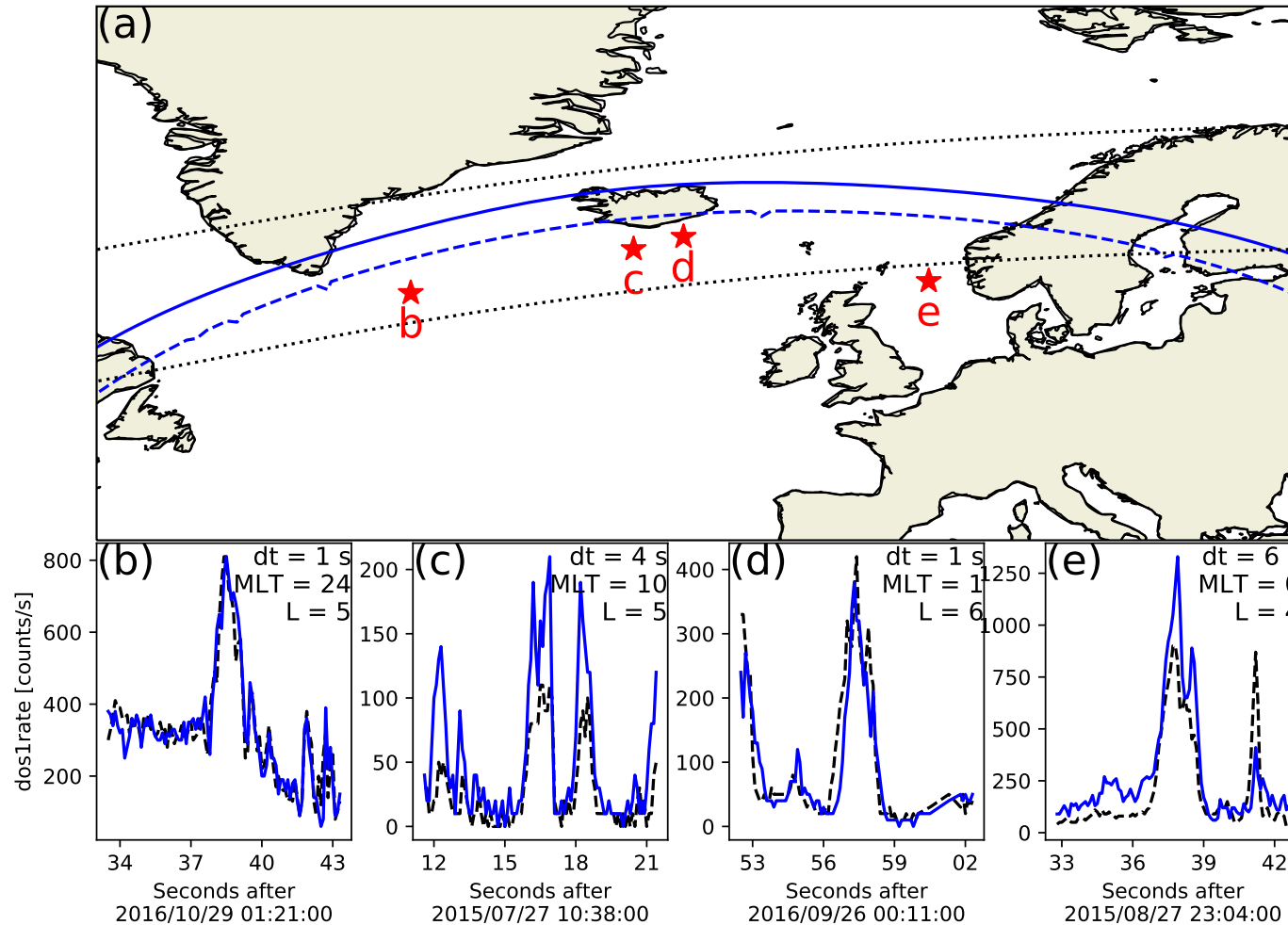


AC6 Curtain Update  
Mykhaylo Shumko  
12 March 2020

# Whats New

- A plot of curtains in the bounce loss cone (BLC)
- Curtain width distribution
- Auroral Electrojet (AE) curtain distribution
- Started assembling a manuscript

# AC6 Curtains in the Bounce Loss Cone

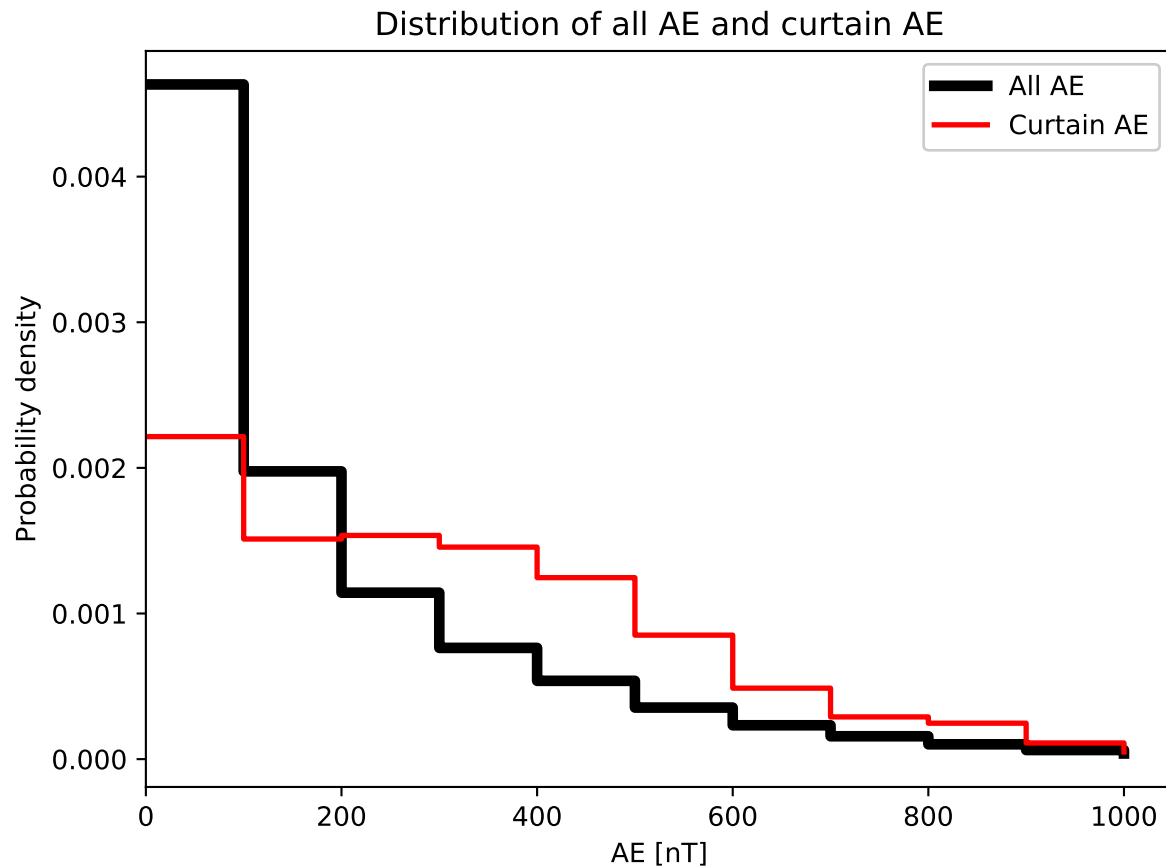


MLT of all but example C were near midnight. Example C was at 10 MLT

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



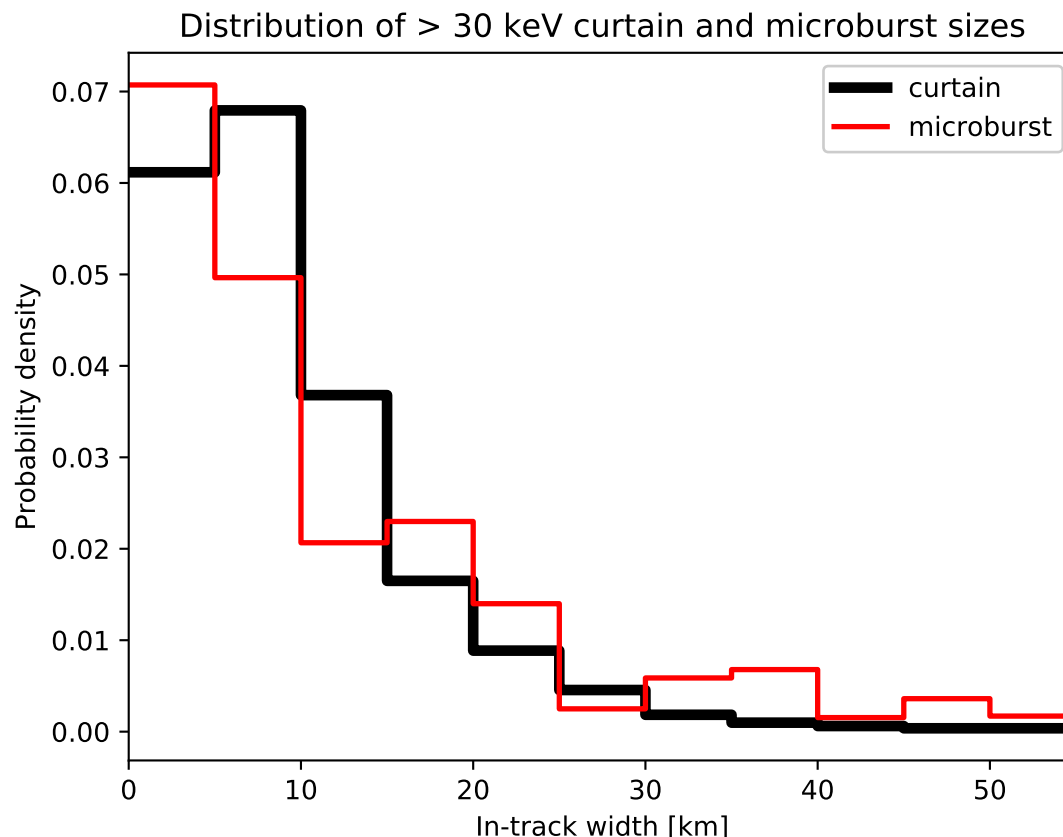
# Curtain widths

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.

Compared to the microburst distribution from previous study



# Topographic prominence

