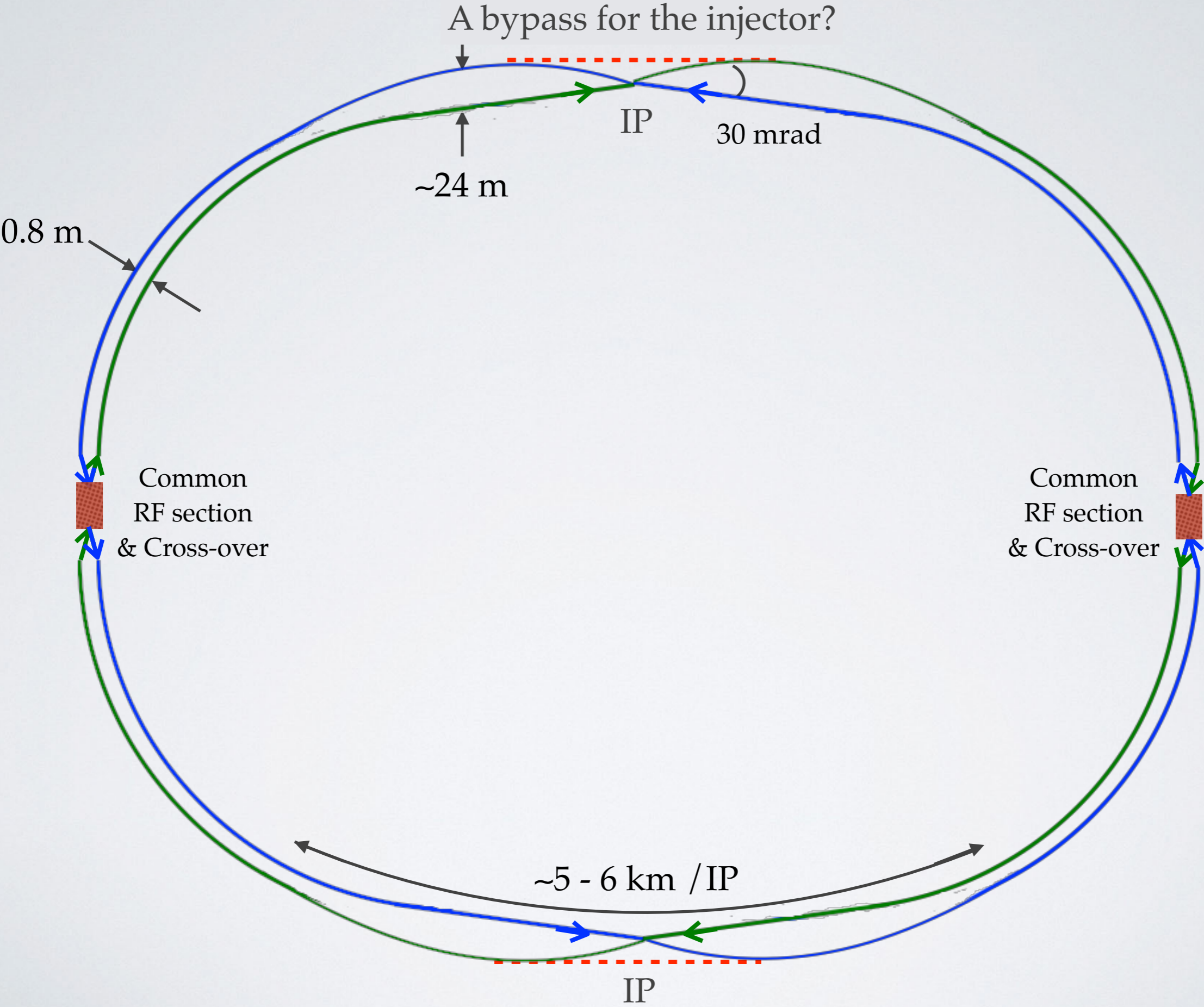


About the tunnel geometry FCC-hh & FCC-ee

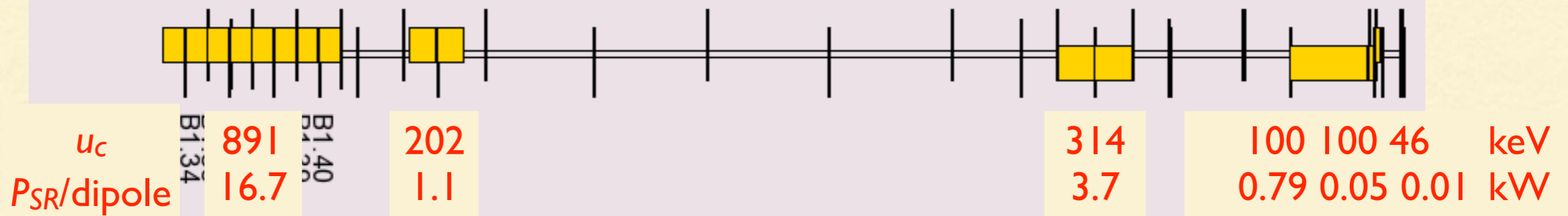
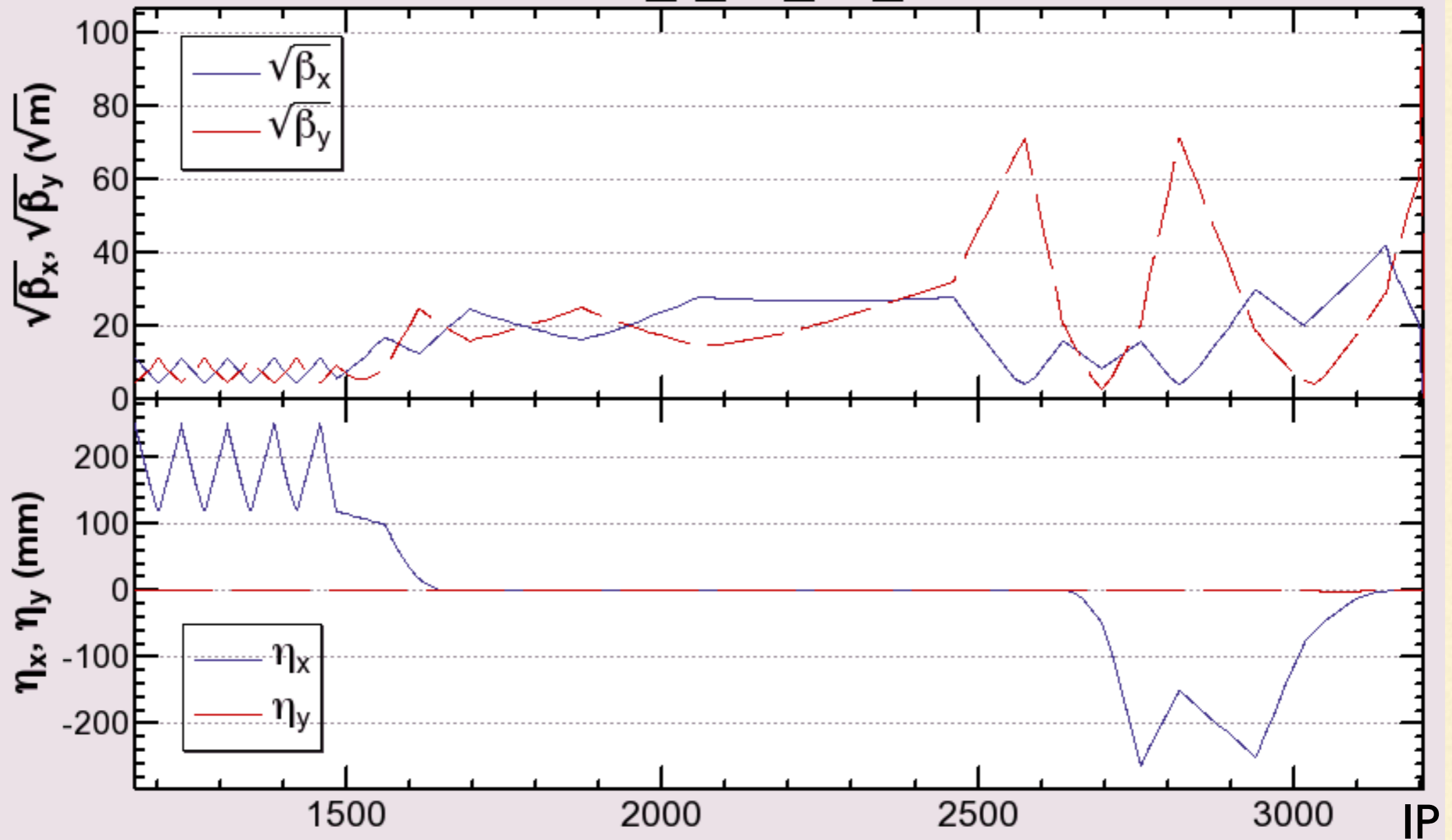
17 July 2015 @ FCC-ee Optics Meeting
K. Oide

Layout of an FCC-ee design



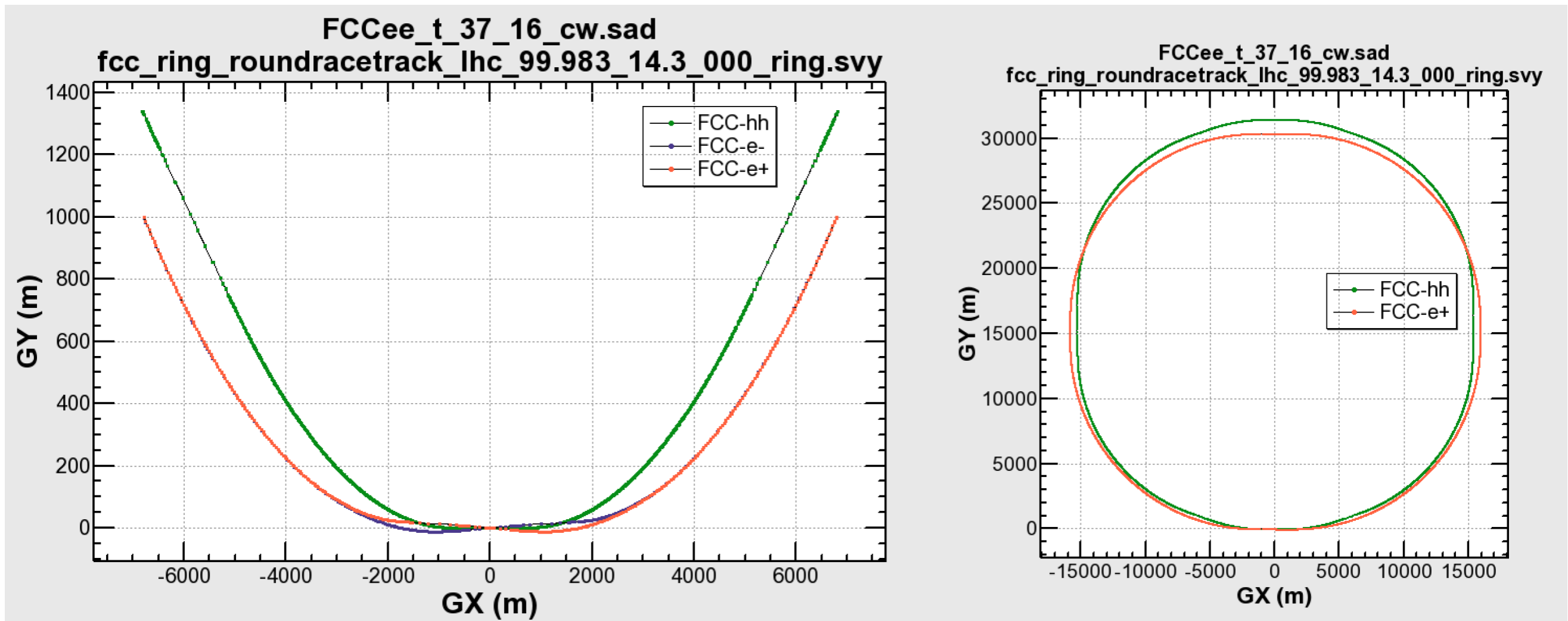
IR Radiation

FCCEe_t_35_11_cw.sad



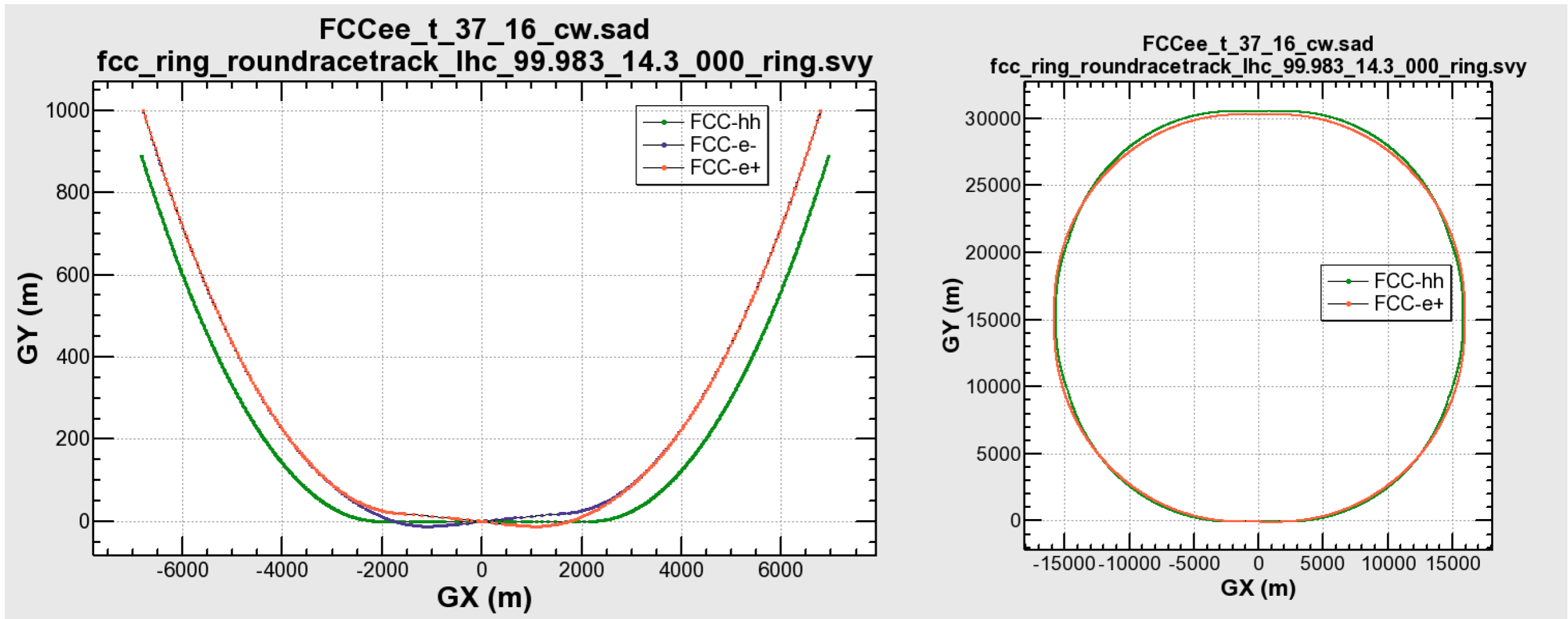
- The critical energy and radiation power of the dipoles are as above.

Comparison of the geometry around the main IR of FCC-hh



Comparison of the geometry: e+e- IPs at 90°/270°

suggested by D. Schulte



- By placing the FCC-ee IPs at 90°/270°, the matching with FCC-hh looks better.
- The residual differences can be reduced by tweaking the ee rings.
- Additional halls for FCC-ee detectors are required.