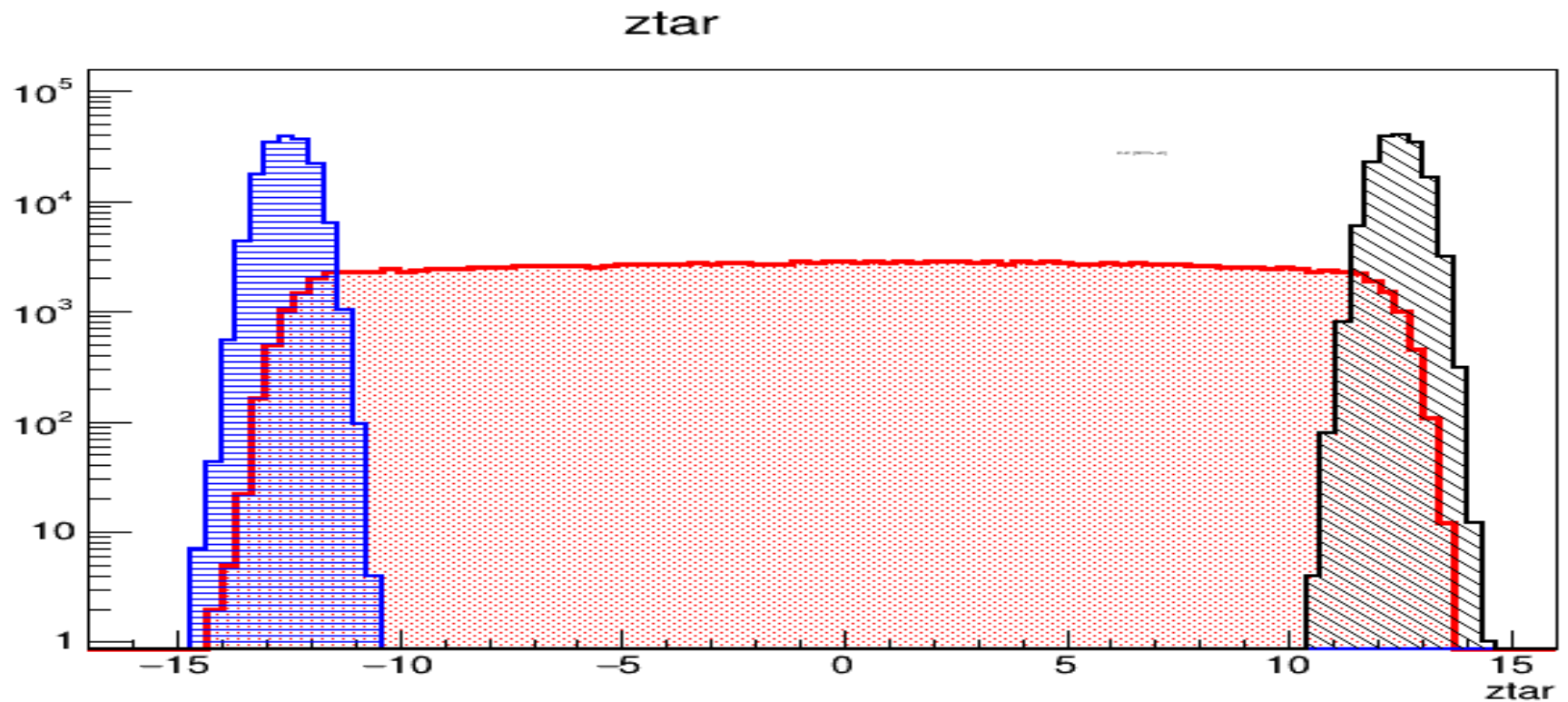


SIMC WIP!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

- Event generator
- Cross section table
- Weight
- Compare

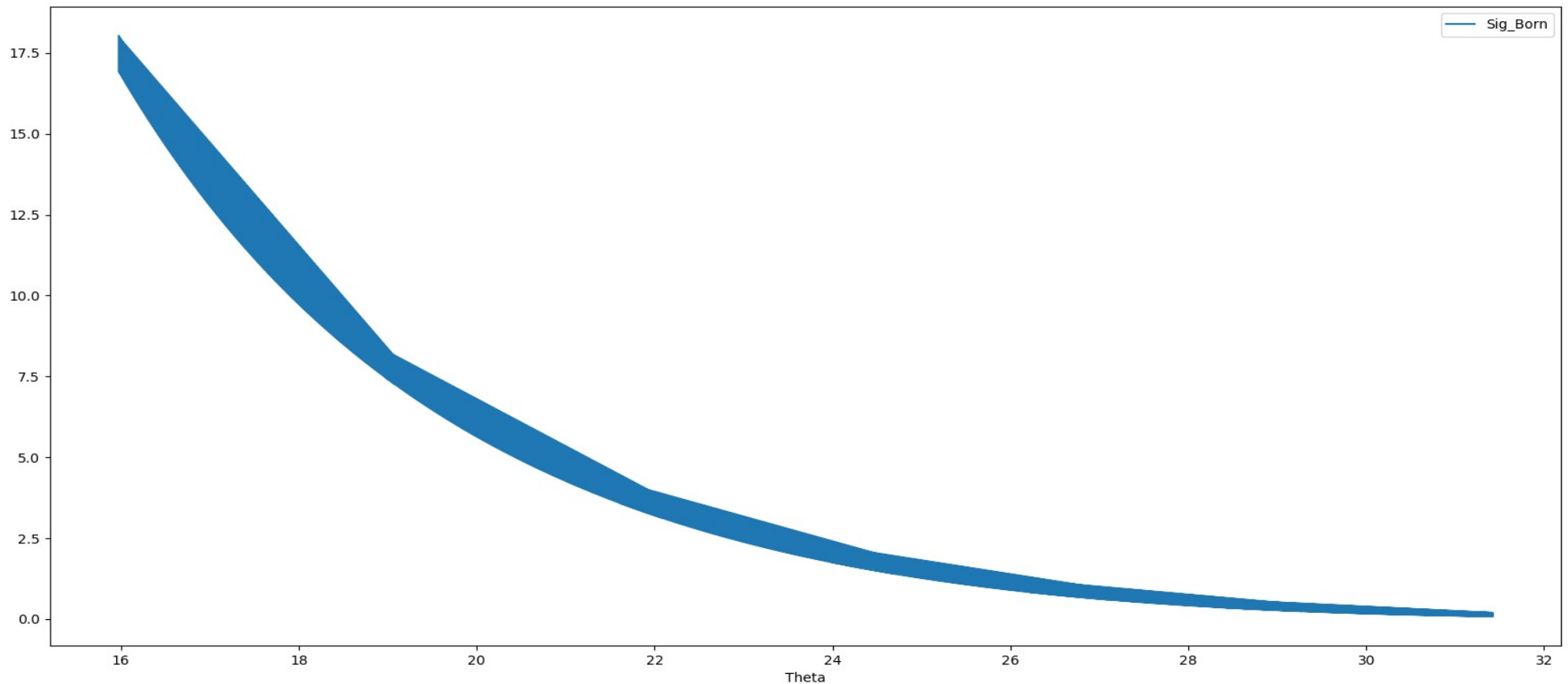
Event Generator

- For A gas target generate events from inside the cell
- For the end caps



Cross section table

- Dave Gaskell provided edited version of his externals table producer

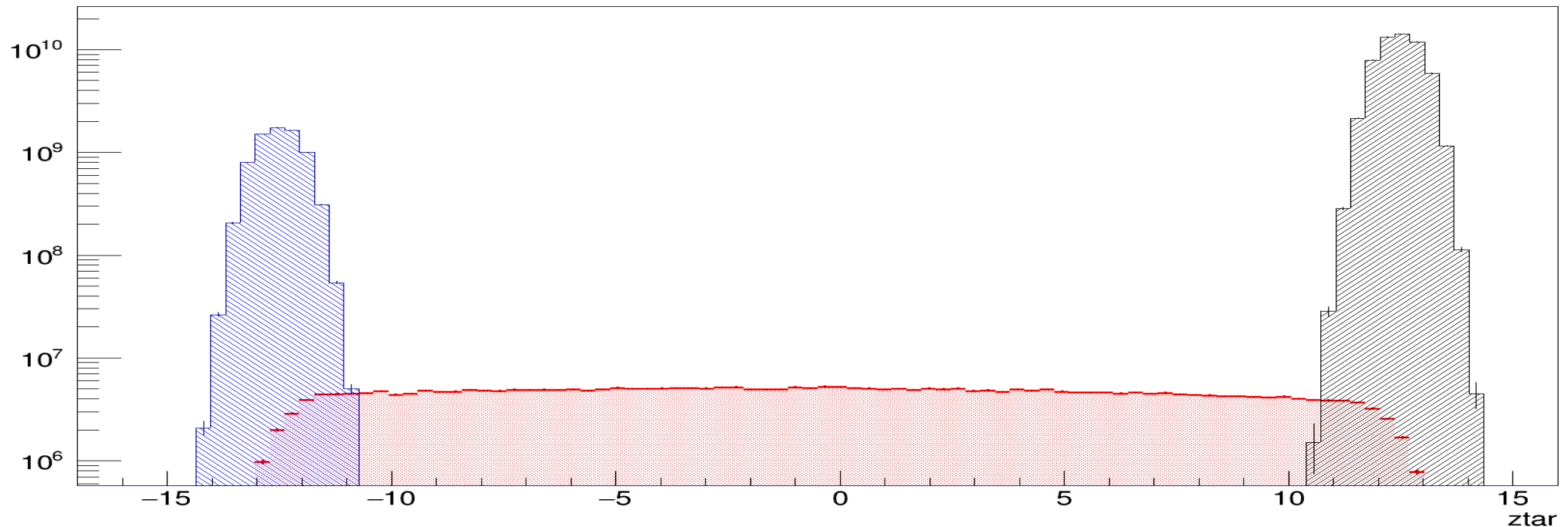


Weighting

- Interpolate between 4 points to determine the cross section for the event

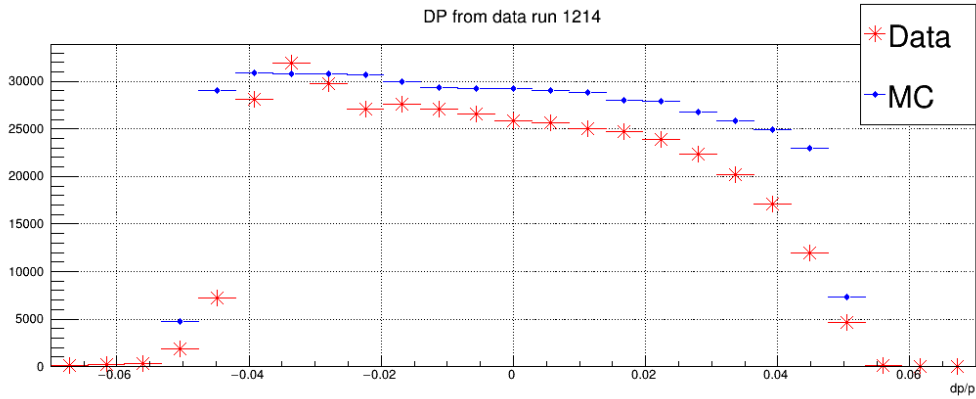
10.600	2.945	20.830	7.2914	0.92223
10.600	2.945	20.930	7.1027	0.92386
10.600	2.965	20.830	7.2199	0.92480
10.600	2.965	20.930	7.0319	0.92643

zstar weighted



Comparison

DP from data run 1214



Cuts applied to Data

$E/p > 0.7$

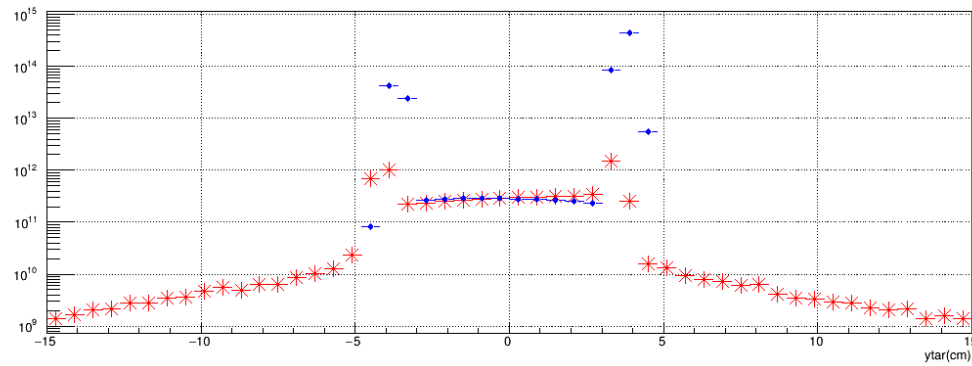
$Cer > 1500$

$Beta > 0.5$

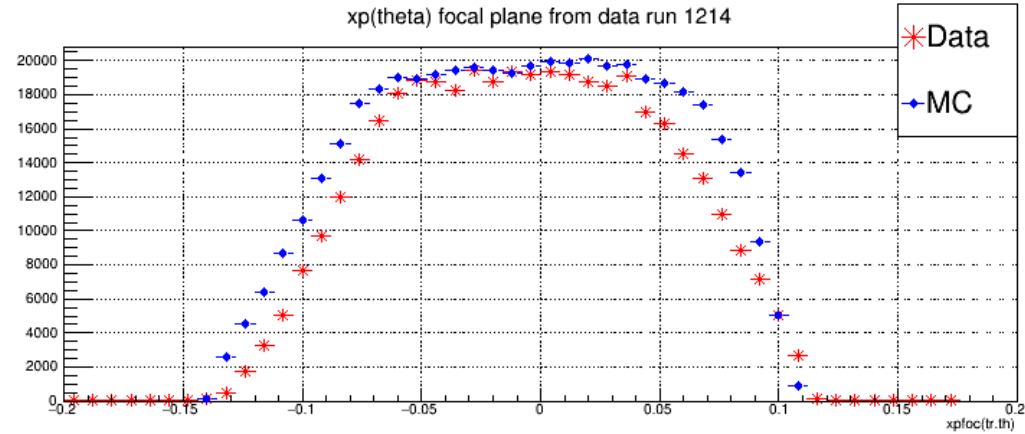
For non y_{tar} plots

$abs(Vz) < 9cm$

Y target from data run 1214



xp(theta) focal plane from data run 1214



yp(phi) focal plane from data run 1214

