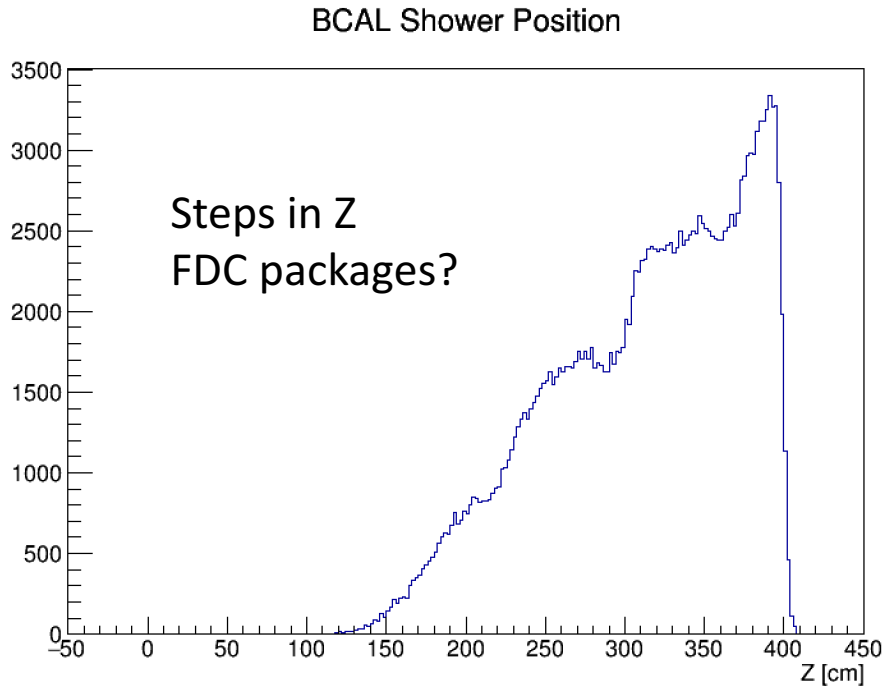
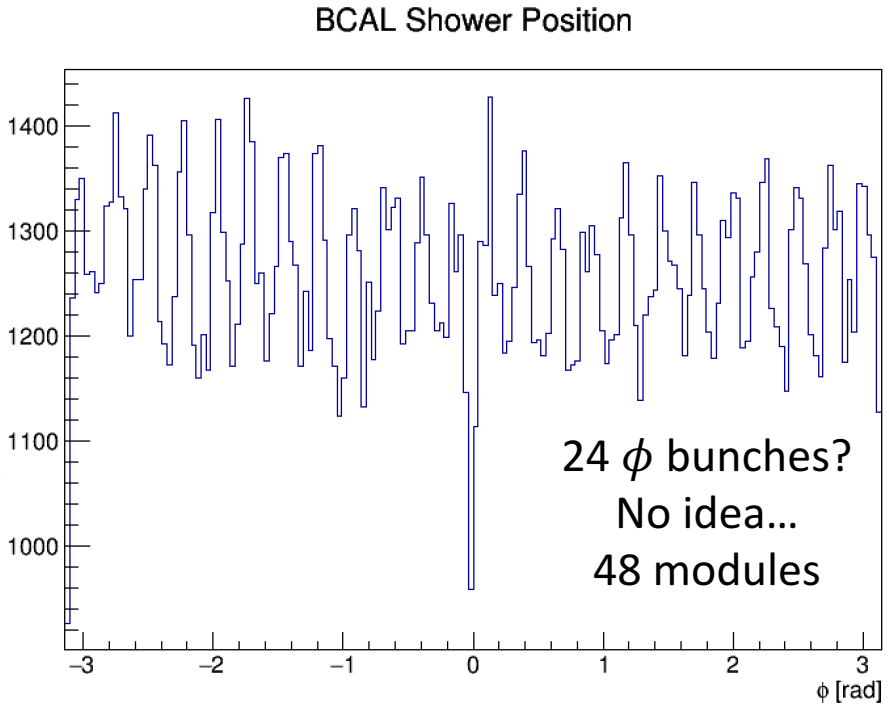
Signal Monte Carlo
Run 10000, variation=mc

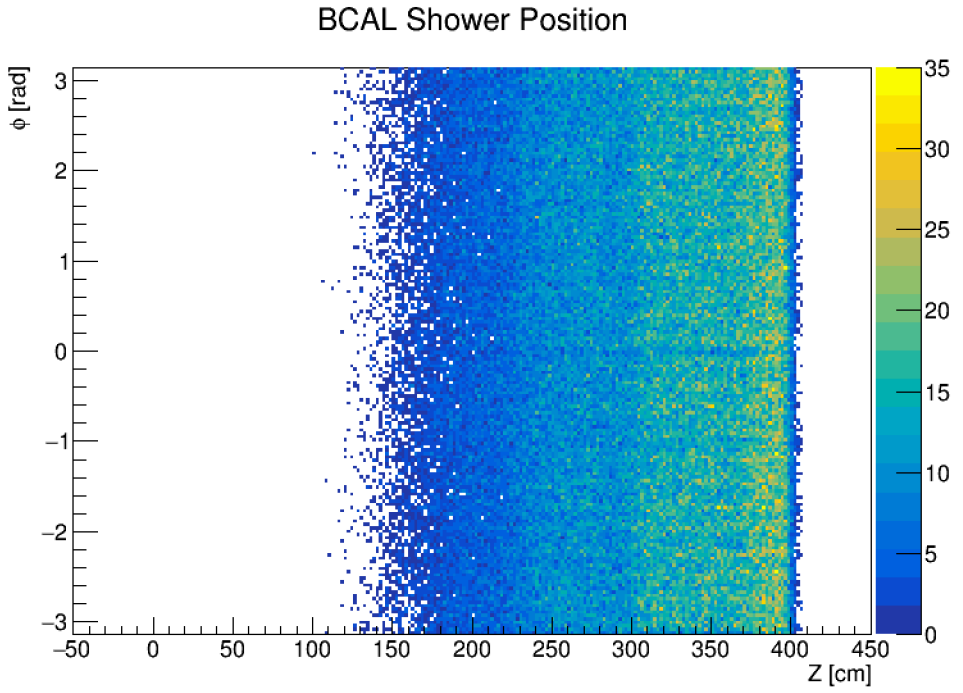
BCAL Shower positions for $\omega \rightarrow 3\pi$ events passing loose cuts.

ϕ Vs. Z



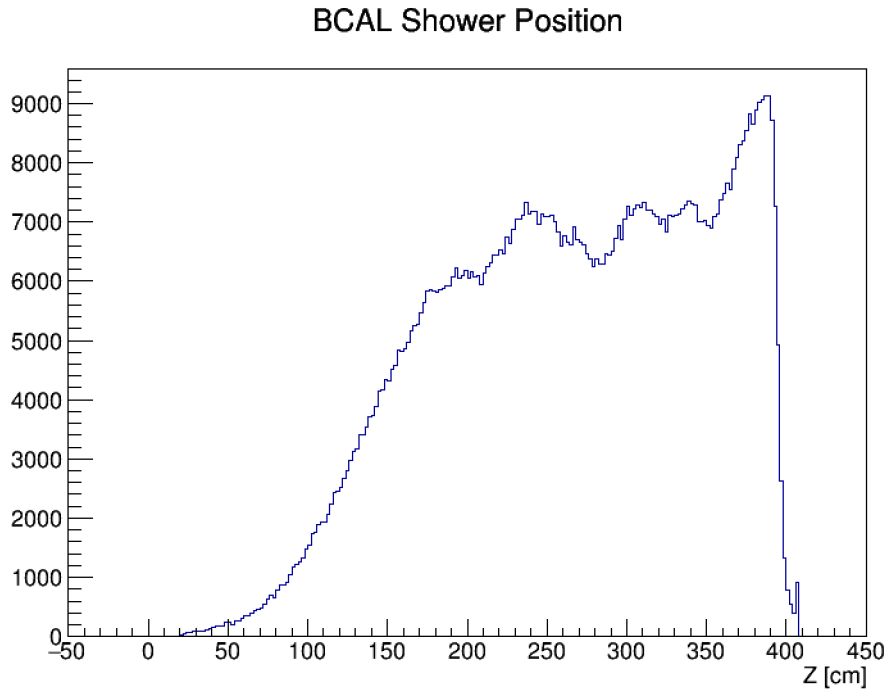


Low efficiency
At 0, π



Spring 2016 Golden Run
PARA + PERP

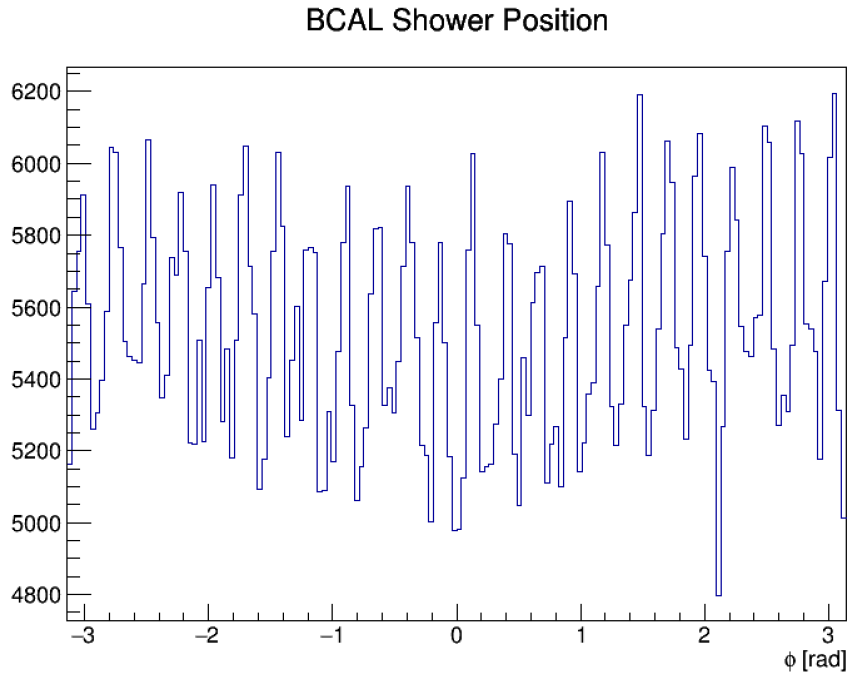
BCAL Shower positions for $\omega \rightarrow 3\pi$ events passing loose cuts (but still fairly pure).

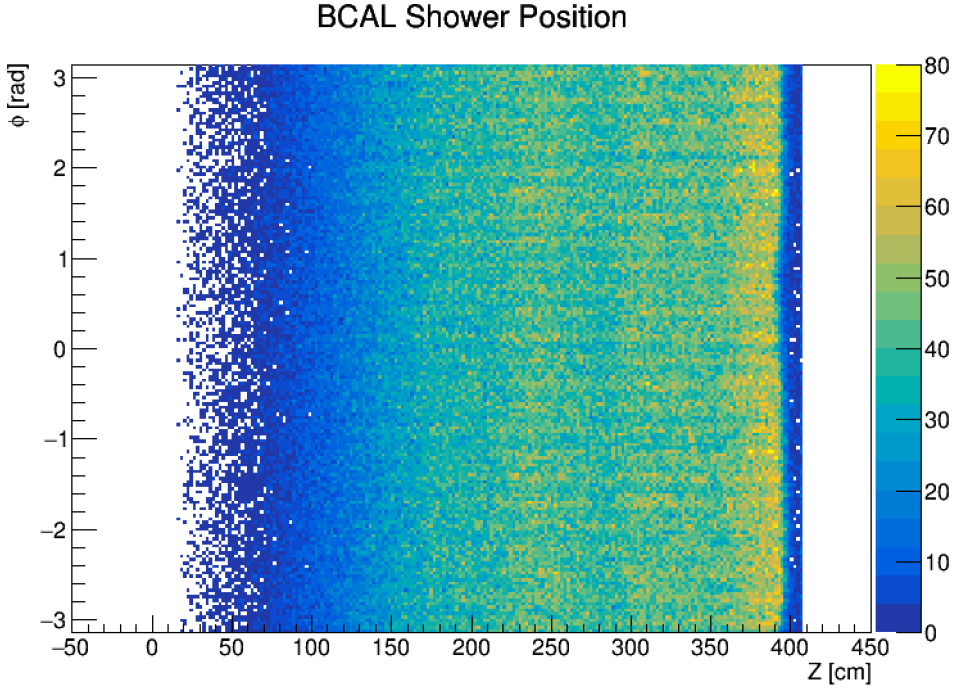


Same spike structure

Apparent phi dependence could be physics, or could be some problem.

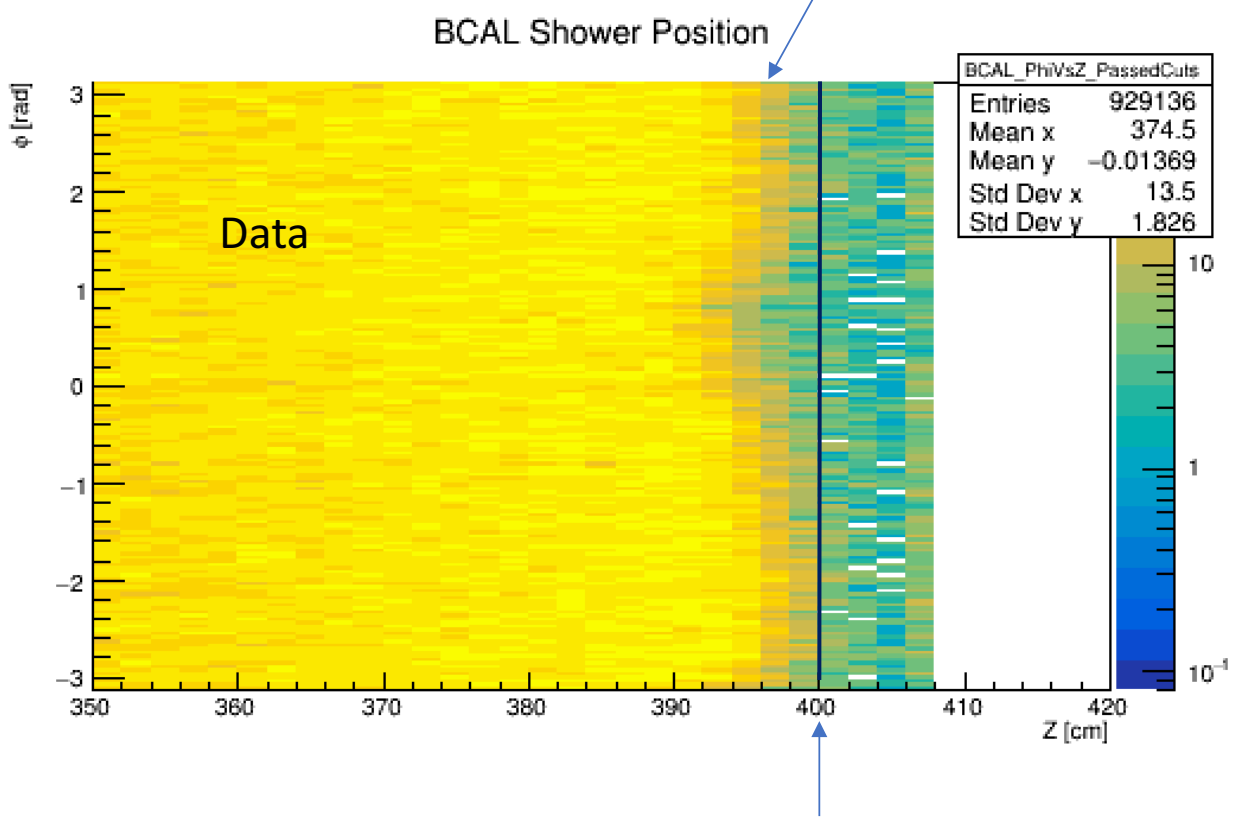
Doesn't show up in FCAL though? See slides 4,5.

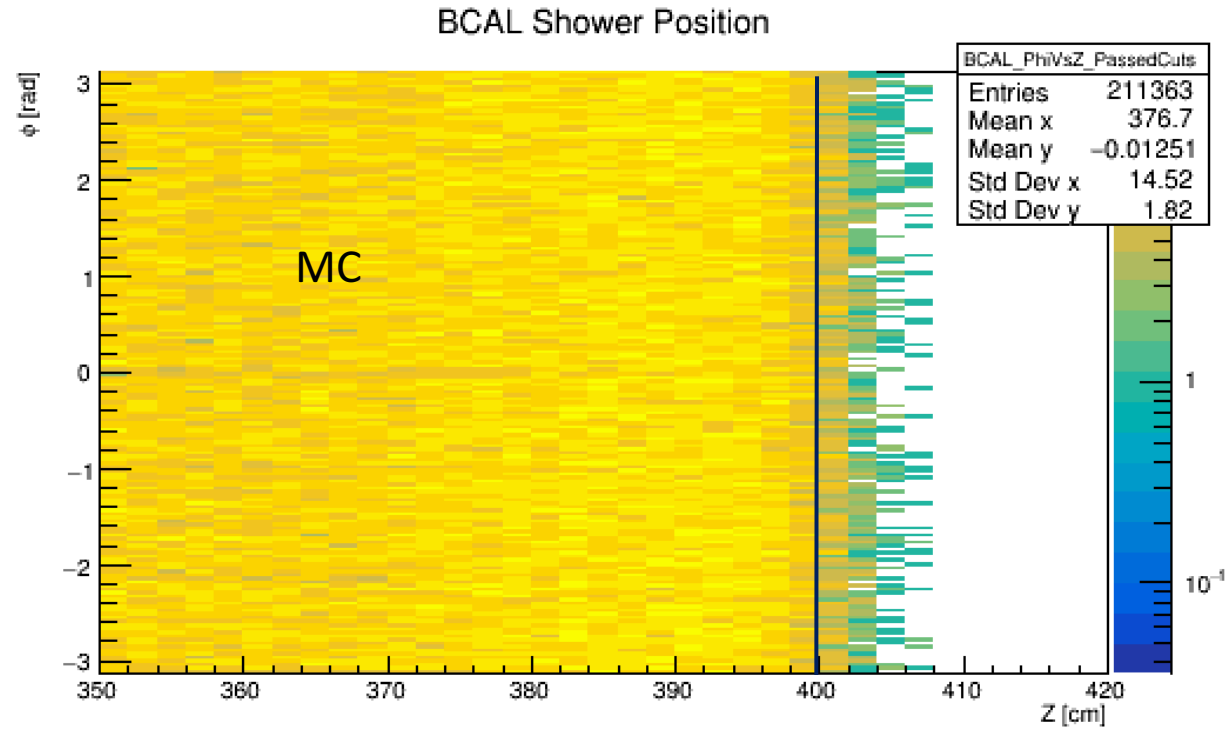




Zooming in on the downstream end…

Calibration issue? Could have ~4 cm position bias in the data?



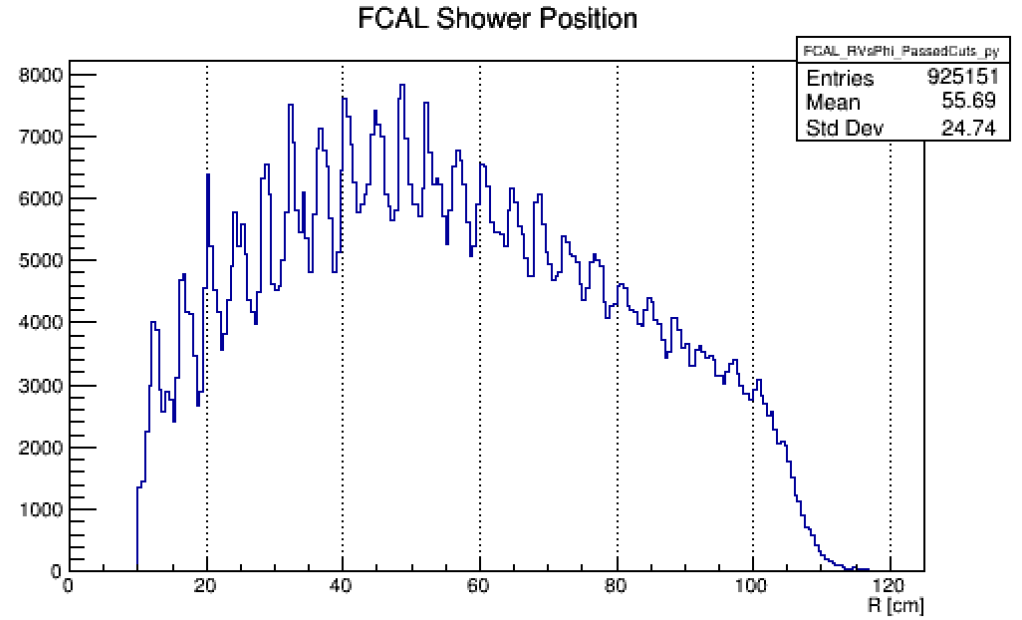


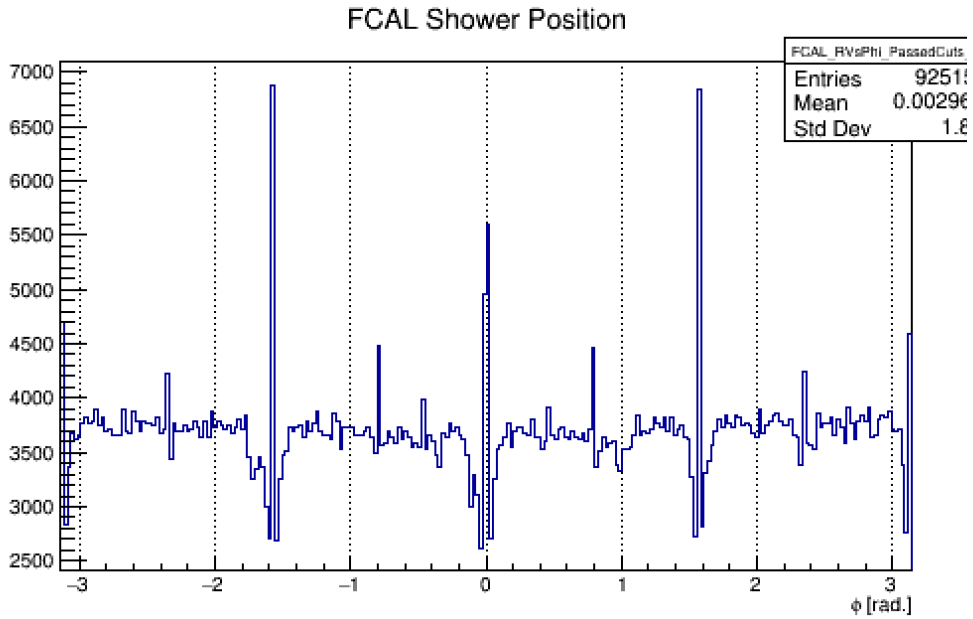
Wrong endpoint or just difficult to reconstruct near the end?

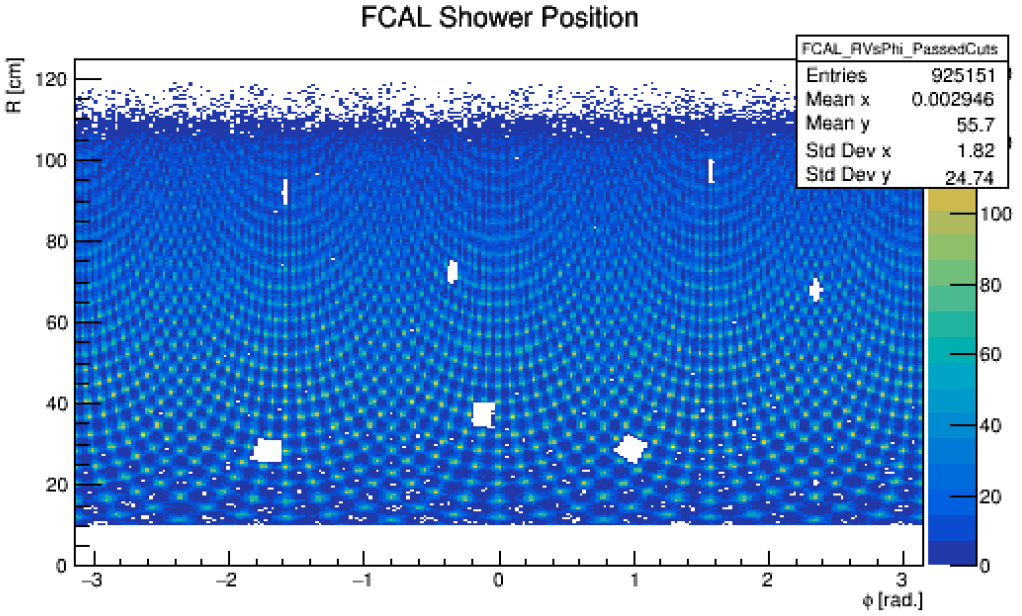
Signal Monte Carlo
Run 10000, variation=mc

FCAL Shower positions for $\omega \rightarrow 3\pi$ events passing loose cuts (but still fairly pure).

R Vs. ϕ







Spring 2016 Golden Run
PARA + PERP

FCAL Shower positions for $\omega \rightarrow 3\pi$ events passing loose cuts (but still fairly pure).

R Vs. ϕ