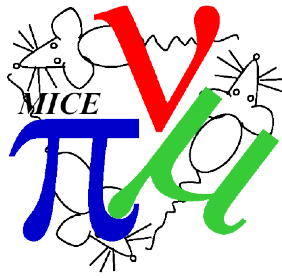
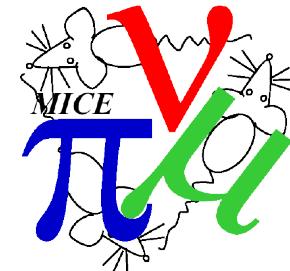


MCS in LH2 (field-off)



Progression

- MCS analysis of MC is progressing but,
- MC have low entries & new generations are expected
- Changes to the data reduction process
- In communication with Francois D. for alignment issue



Selection

TOF1 SP	US Track	TOF	Tracking region	Fiducial Selection	Diffuser cut
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Requiring a TOF1 hit

...one US track

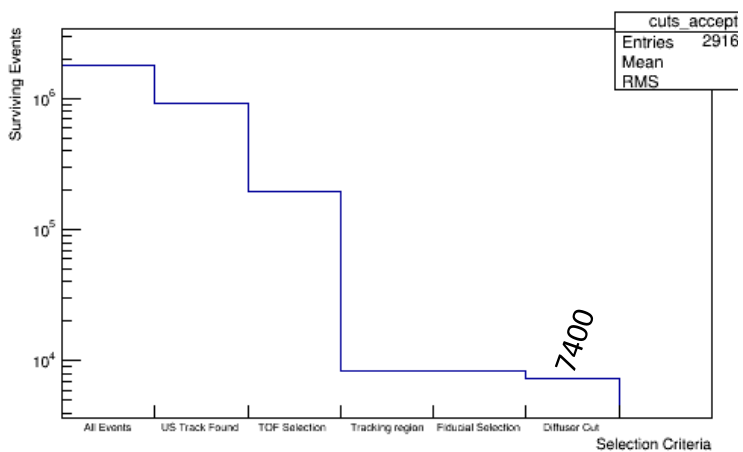
Currently $\pm 150\text{ps}$ around muon peak

Tracks associated with events appearing at $> 150\text{mm}$ in trackers are removed

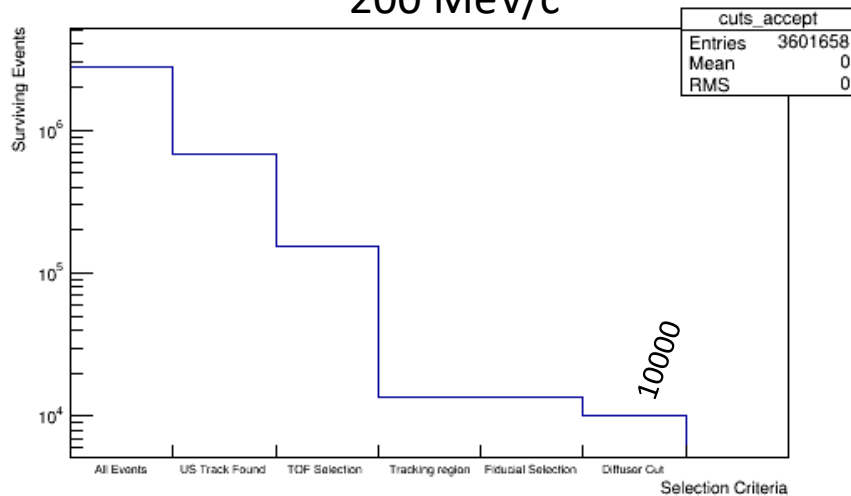
$R < 100\text{mm}$

$R < 90\text{mm}$

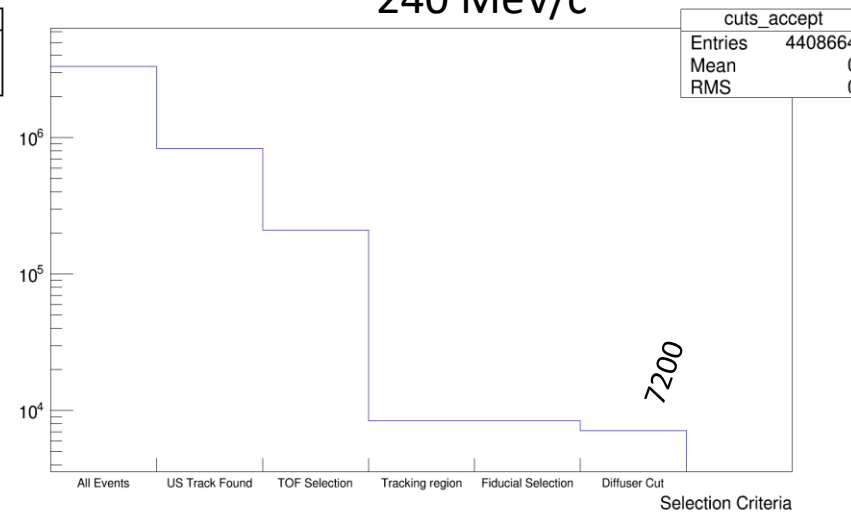
170 MeV/c



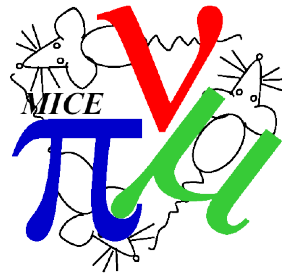
200 MeV/c



240 MeV/c

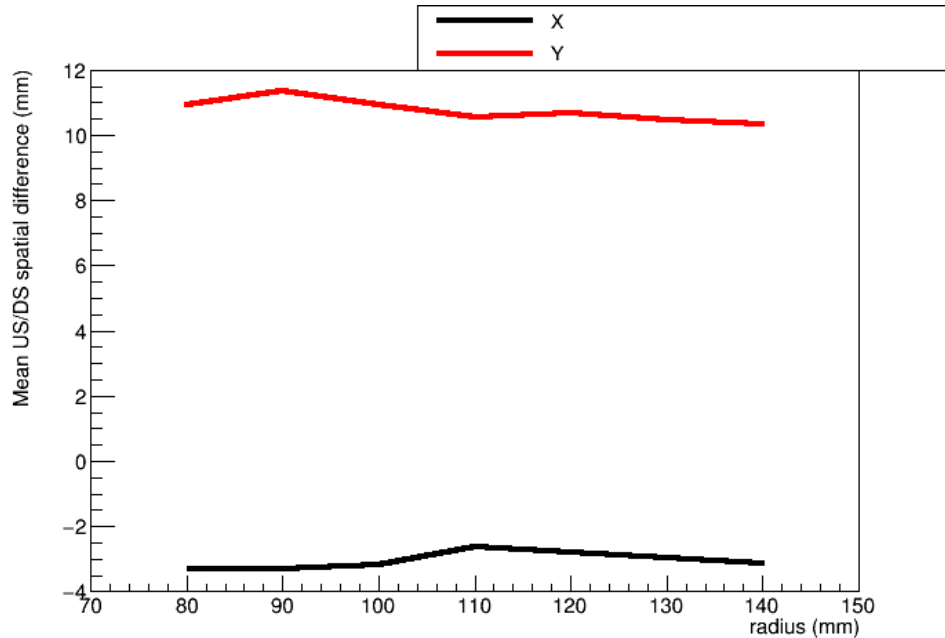


MCS in LH2 (field-off)

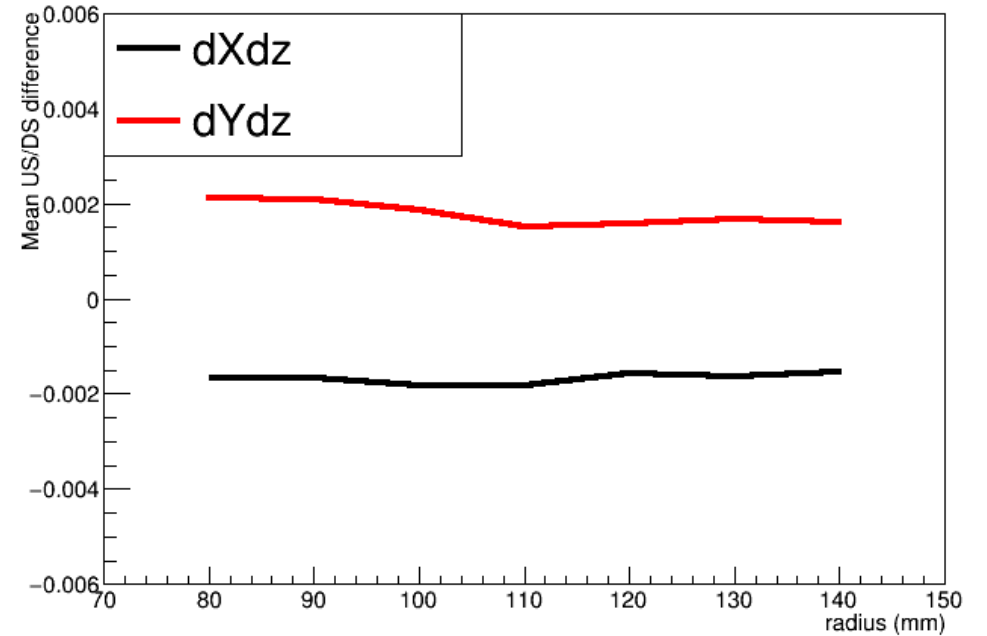


Data - Comparison of projections between US and DS trackers at the center of the absorber

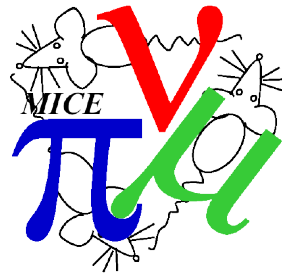
Distance between mean



Difference of mean direction

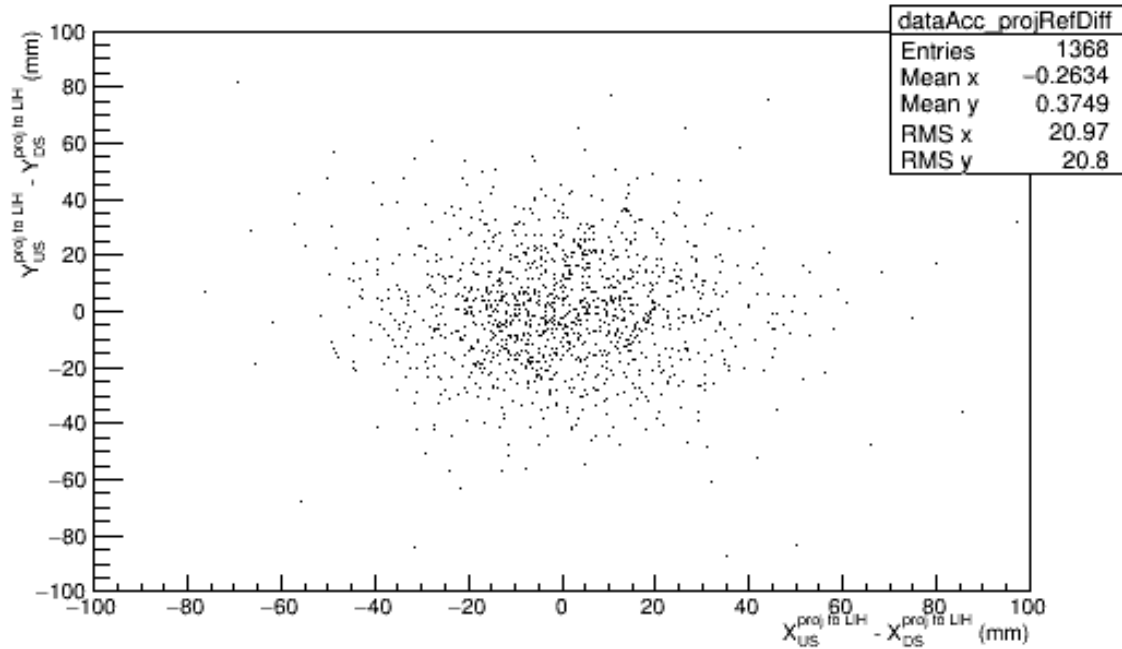


MCS in LH2 (field-off)

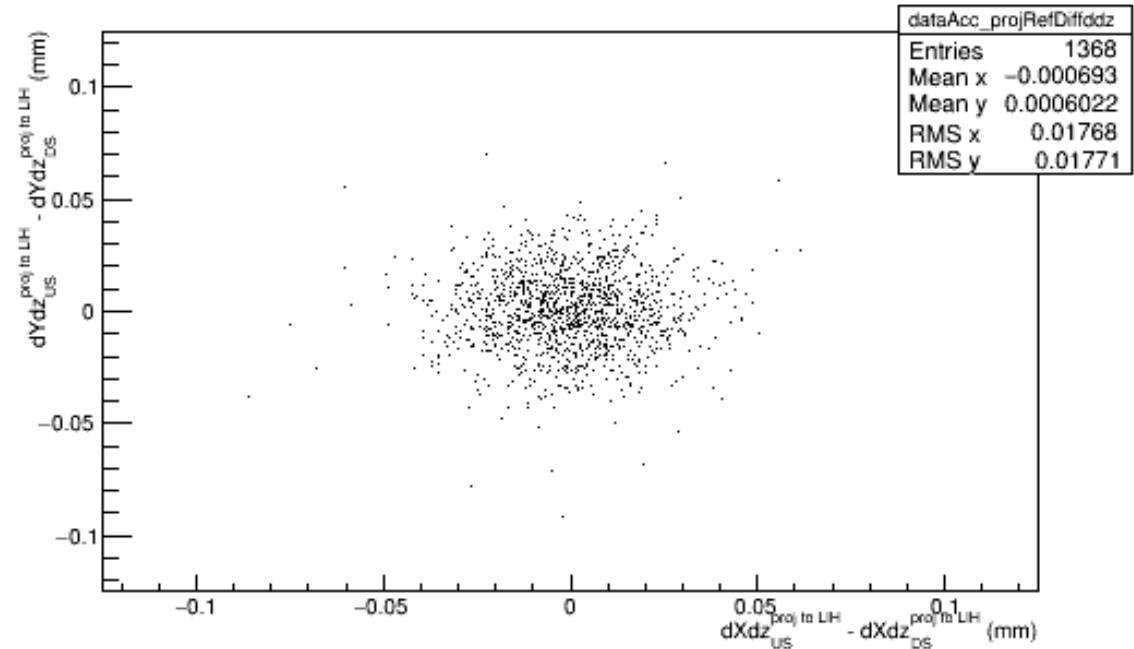


MC - Comparison of projections between US and DS trackers at the center of the absorber

Distance between tracks



Difference of direction



MCS in LH2 (field-off)

