

Tracker reconstruction deviation

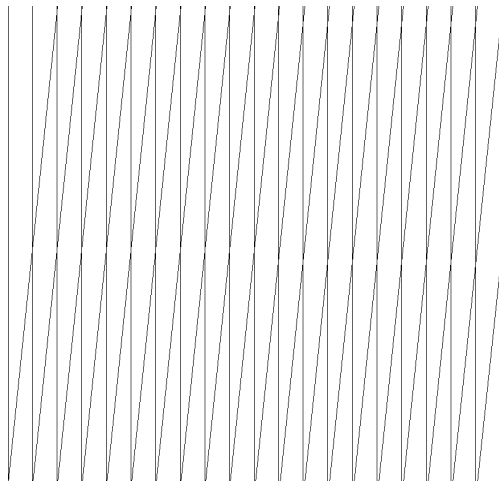
Sample: $5e+8$ inclusive, sample 63 169 218 256
excluded

Fitting method: GenFit

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July 28, 2021

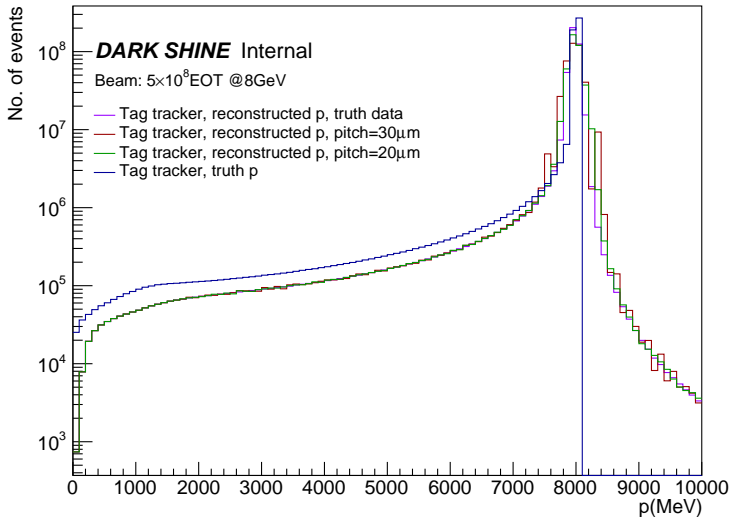
Digitization



1. pitch = $30\mu m$, reset x, y (y: B direction)
2. pitch = $20\mu m$, reset x

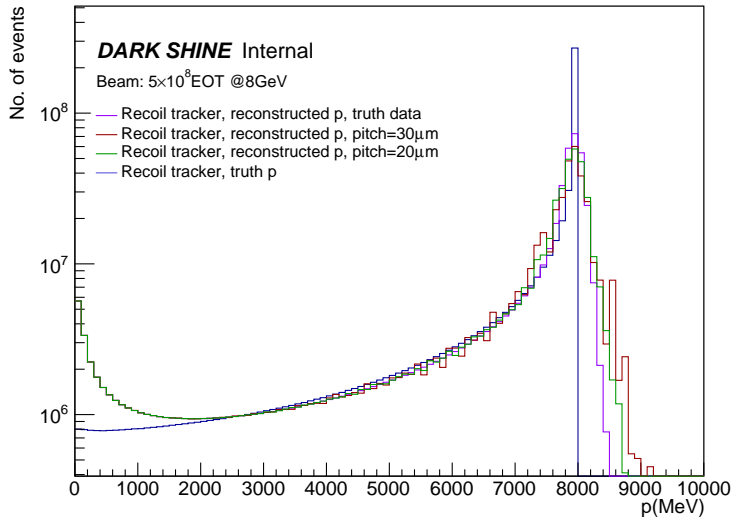
Truth and reconstructed momentum distribution

Tagging tracker



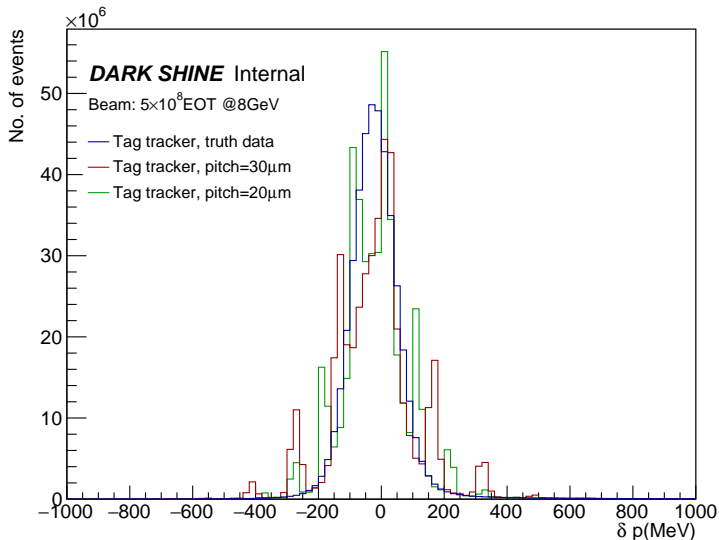
Truth and reconstructed momentum distribution

Recoil tracker



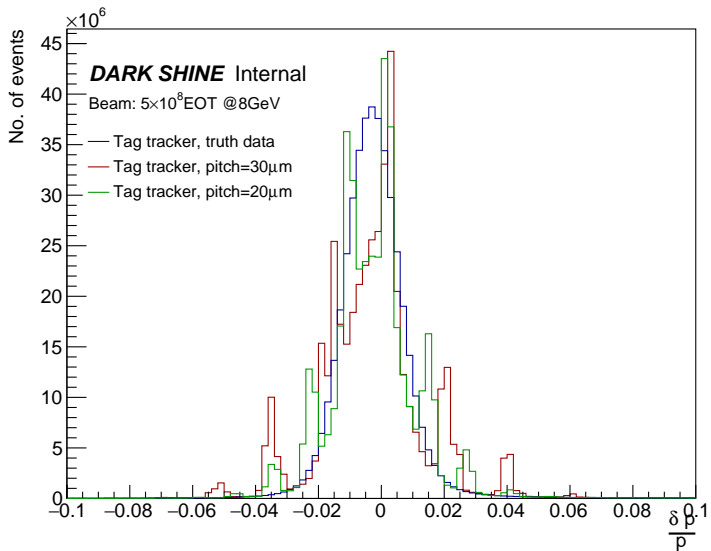
δp : reconstructed p - truth p

Tagging tracker



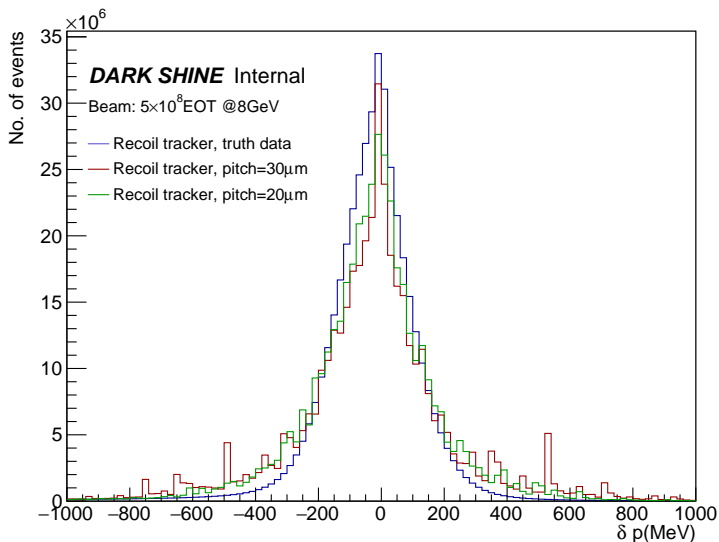
$\delta p/p$

Tagging tracker



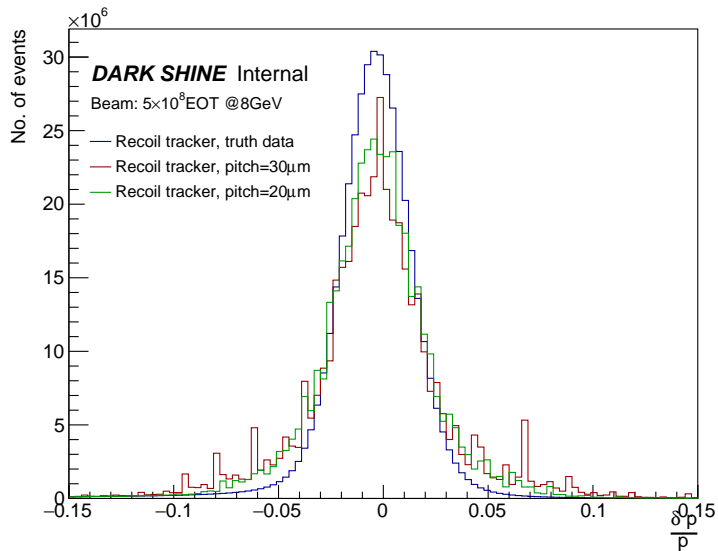
δp : reconstructed p - truth p

Recoil tracker



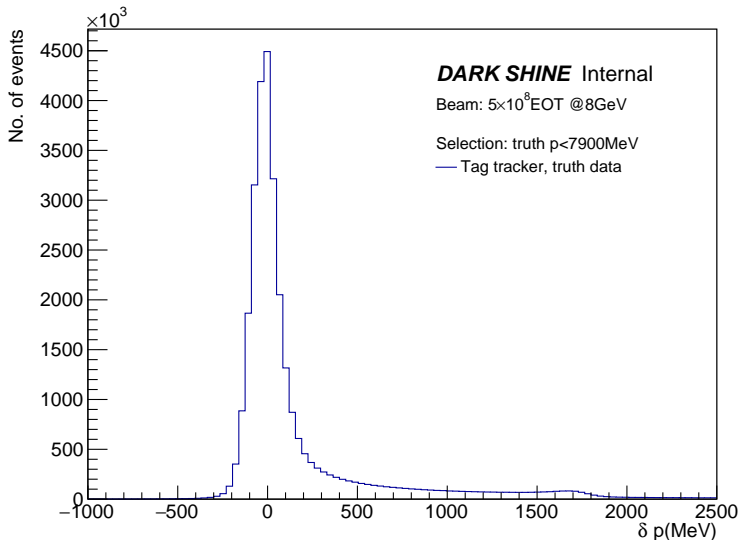
$\delta p/p$

Recoil tracker



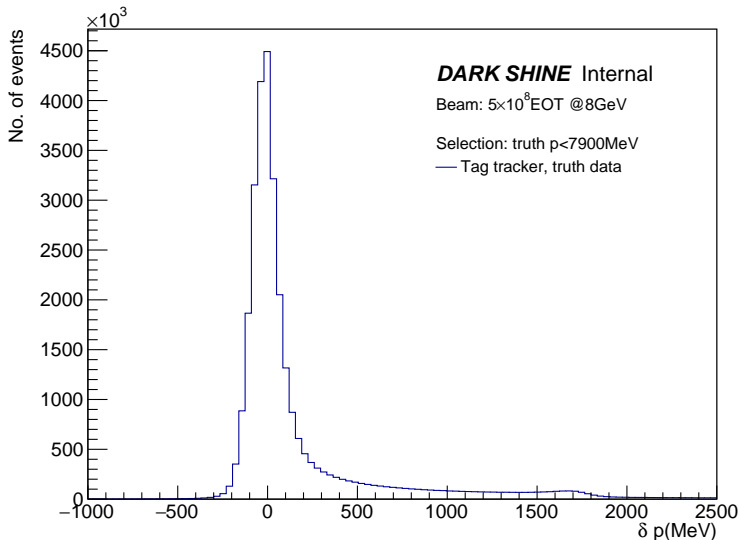
δp in range $p_{truth} < 7900 \text{ MeV}$

Tagging tracker



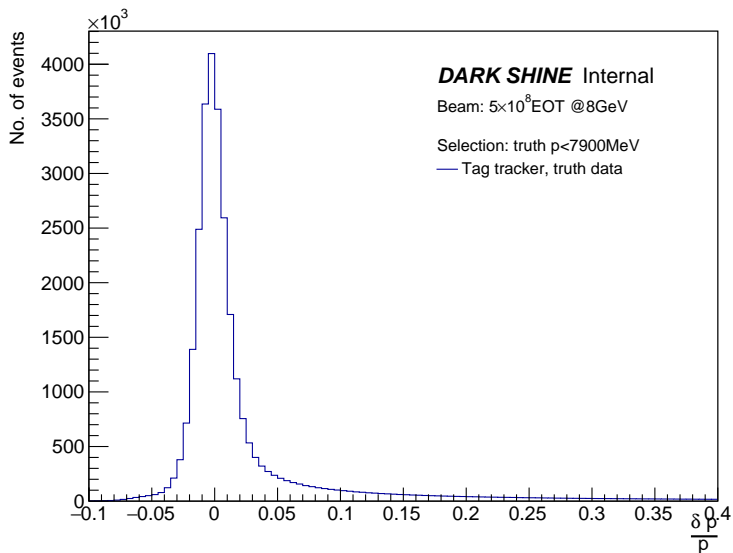
δp in range $p_{truth} < 7900 \text{ MeV}$

Tagging tracker



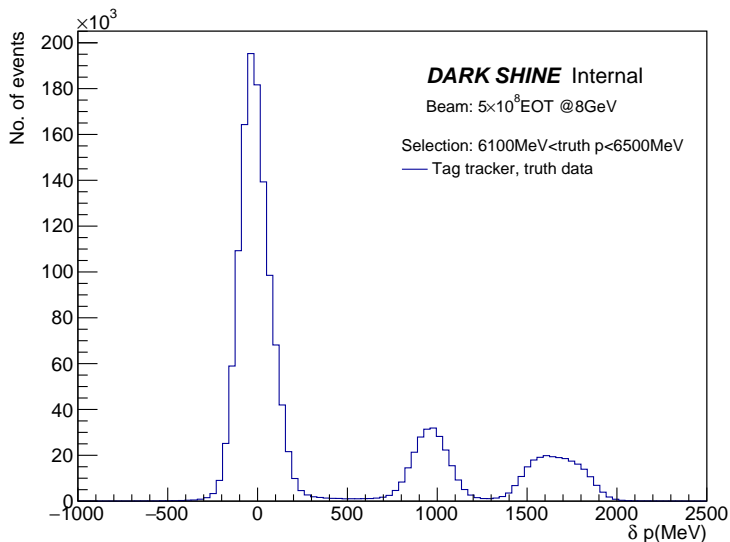
$\delta p/p$ in range $p_{truth} < 7900 \text{ MeV}$

Tagging tracker



δp in range $6100\text{MeV} < p_{\text{truth}} < 6500\text{MeV}$

Tagging tracker



$\delta p/p$ in range $6100\text{MeV} < p_{\text{truth}} < 6500\text{MeV}$

Tagging tracker

