FAIR
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DATUM

Detector and Scraping pos estimate based on pT peak simulated position

Xe: - SCRAPING : 35 mm away from Beam
- Mocadi : pT peak : $x = -46{,}5$ mm
center $y = 0$ mm

- Beam line :
pT peak center X : 15 mm + 8,85 mm + 24,7 − 23,2 (7 bch, 7,5 bch)
↑ self shielding exp ↑ DSSSD frame
≈ 27,85 mm
seen on DSSSD XY Specha

pT peak center Y : 4,65 mm
seen on DSSSD XY specha

⇒ detector pos X : (−23,85 mm) − (−73,35 mm)
detector pos Y : (+20,1 mm) − (−29,5 mm)

Te: MOCADI:
pT peak $x = -48$ mm
$y = 0$ mm

- Beam line :
pT center X : ≈15,5 mm + 8,85 + 21,7 mm (7 bch) = 46,05 mm
or
16 mm + 8,85 + 23,2 (7,5 bch) = 48,05 mm

⇒ det. pos X : ≈(−24,85 mm) − (−74,35 mm)
det. pos Y : (+20,1 mm) − (−29,5 mm)

SCRAPING : 36 mm away (35 mm) from Beam