



Tracks (red) of protons with 1.5 GeV/c momentum emitted under 5 mrad from the IP.

- Solenoid field ON, dipole OFF.
- Distance from IP: $z = 900\text{ cm}$
- Horizontal axis x / cm
- Vertical axis y / cm

End of tracks should be expected at $(900\text{ cm} * 0.005 =) 4.5\text{ cm}$, track under $\varphi = 67.5^\circ$ ends at 3.7 cm, under $\varphi = -22.5^\circ$ at 4.75 cm.