Energy Loss in Material vs. Direction

What is the origin of the question?

- Difficulty calibrating the downstream direction?
  - But 9% cloud muons with 30% opposite polarization and a discrete (thick!) degrader option make this easy
- Ambiguity in the stopping location and distribution?
  - MWPC(-2):(-1):(+1):(+2) relative yields and pulse heights (Dennis Wright study)
  - Endpoint vs. 1/cos(θ) study (Yuri Lachin work)
  - Changeable target thickness and/or material ⇒ probably need BOTH target modules