

Muon Cooling Project Updates

May 23, 2025

<https://github.com/criggall/muon-cooling>

Progress since last meeting

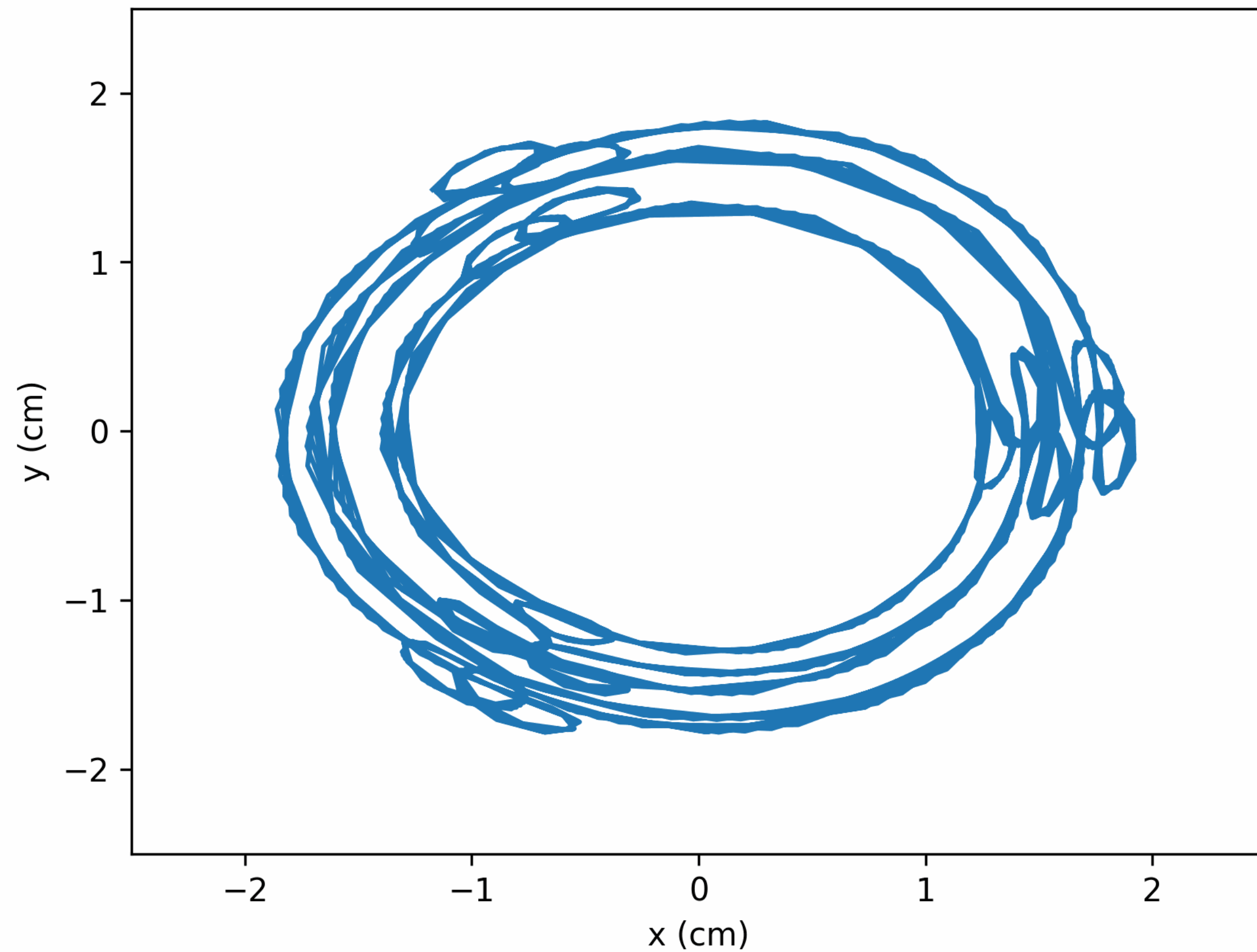
2

- IMCC meeting ([Link to talk](#))
 - Lots of feedback; summarized in a [Git issue](#)
 - I would like to discuss these points today!
- Investigating linearity of dispersion over Δp scan

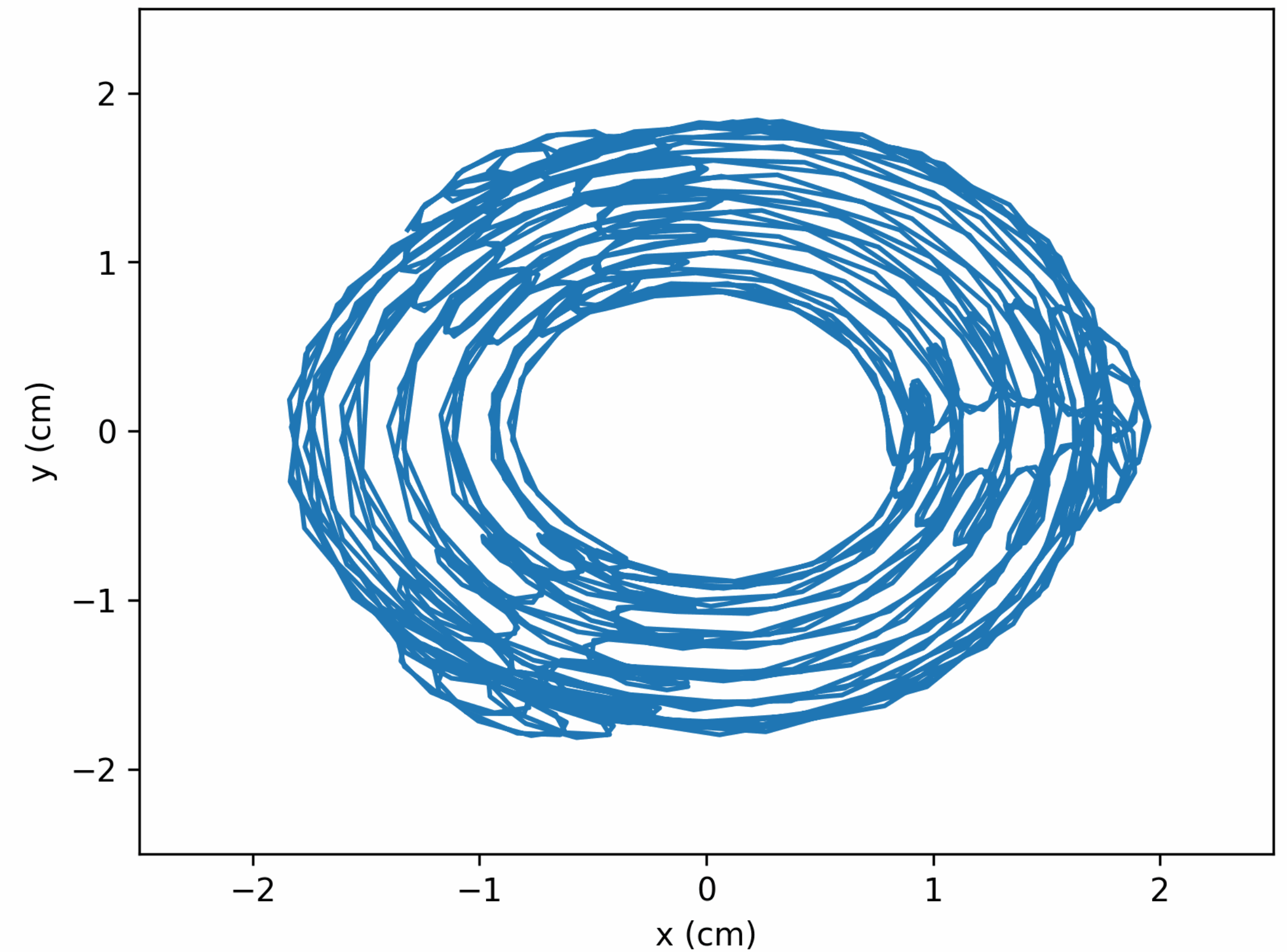
Investigating the momentum acceptance

3

$\Delta p = -5.0 \text{ MeV/c}$



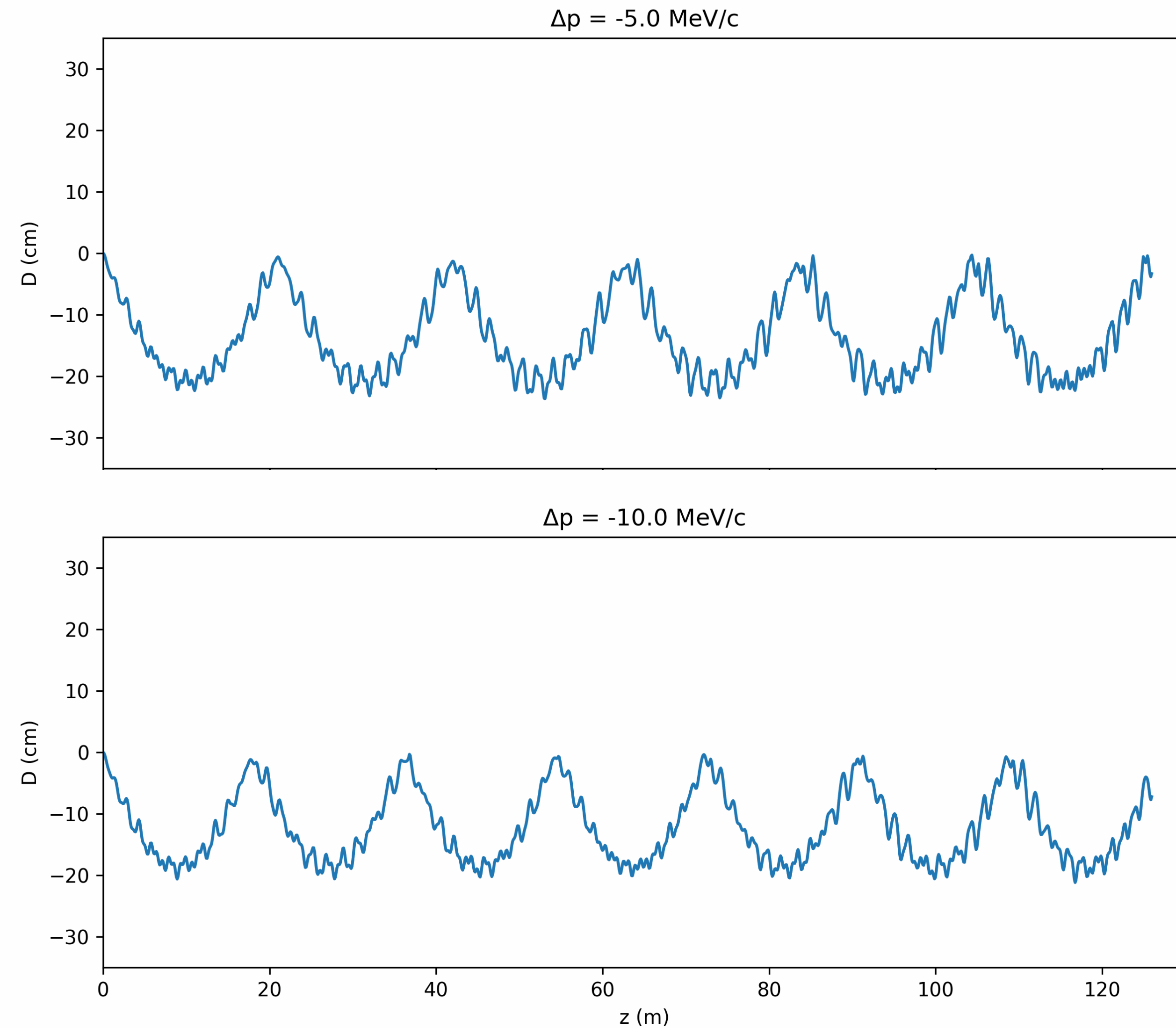
$\Delta p = -10.0 \text{ MeV/c}$



(Animations)

Investigating the momentum acceptance

4



(Animations)