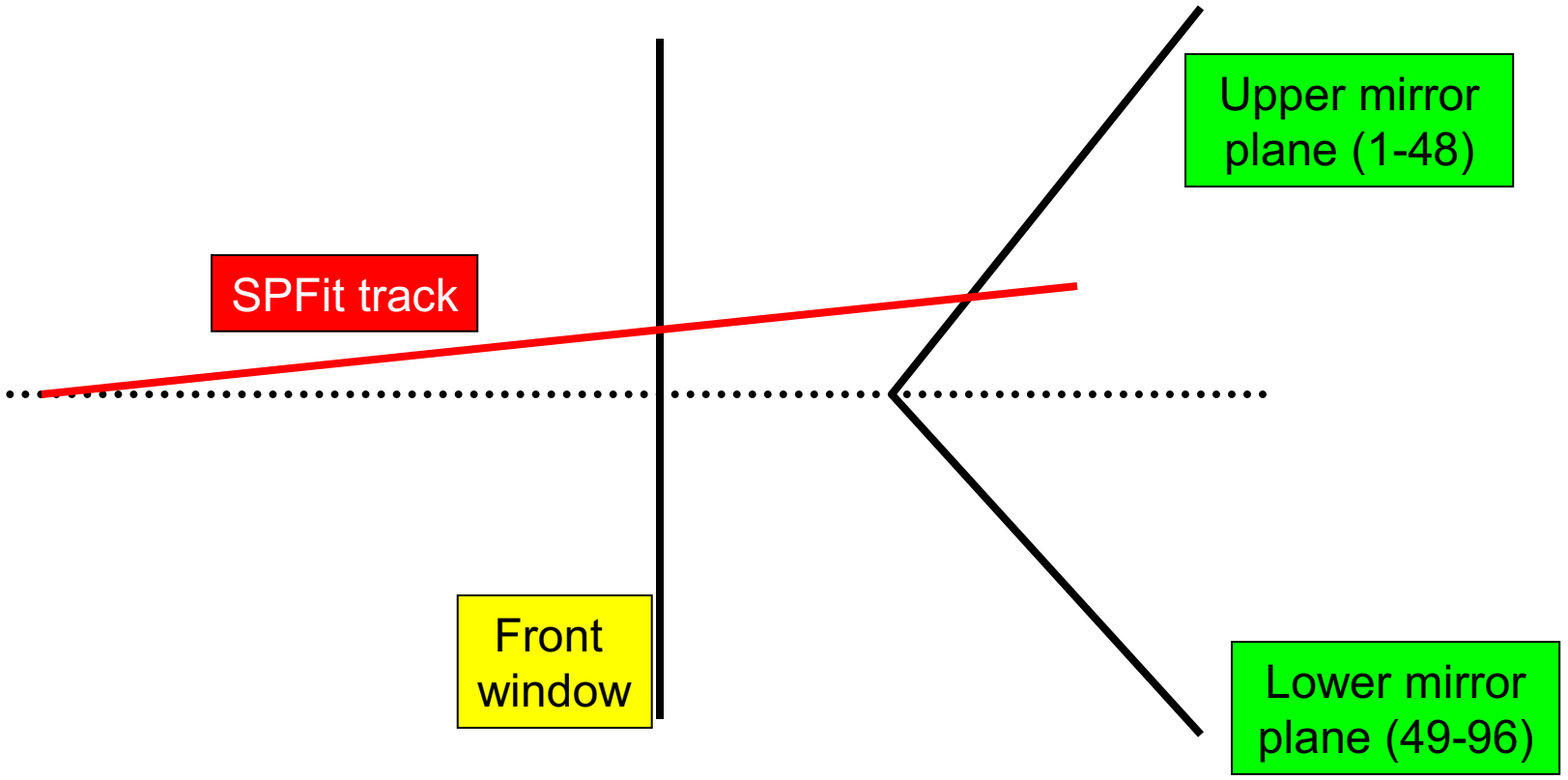
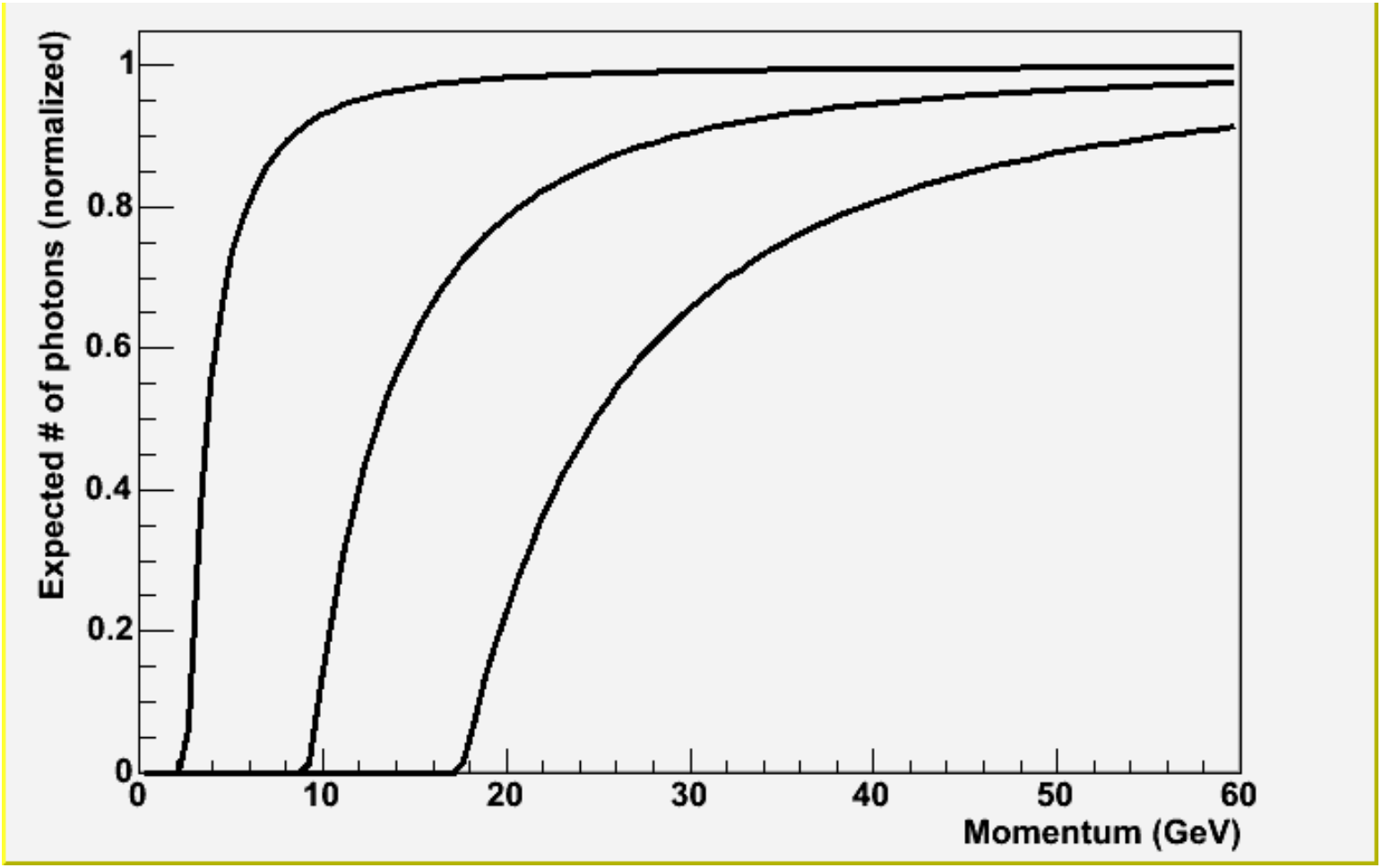
Extrapolating tracks to Ckov



- Find intersection of each SPTrack with either upper or lower mirror plane.
  - Geometry classes + assume linear extrap from front window
  - Geometry classes also determine mirror hit from intersection point.

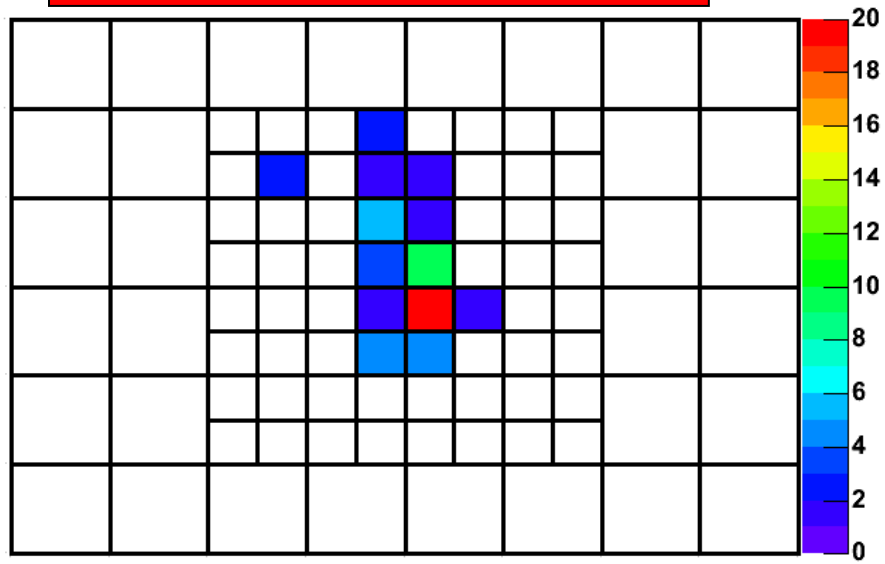
Tracks useful for calibration



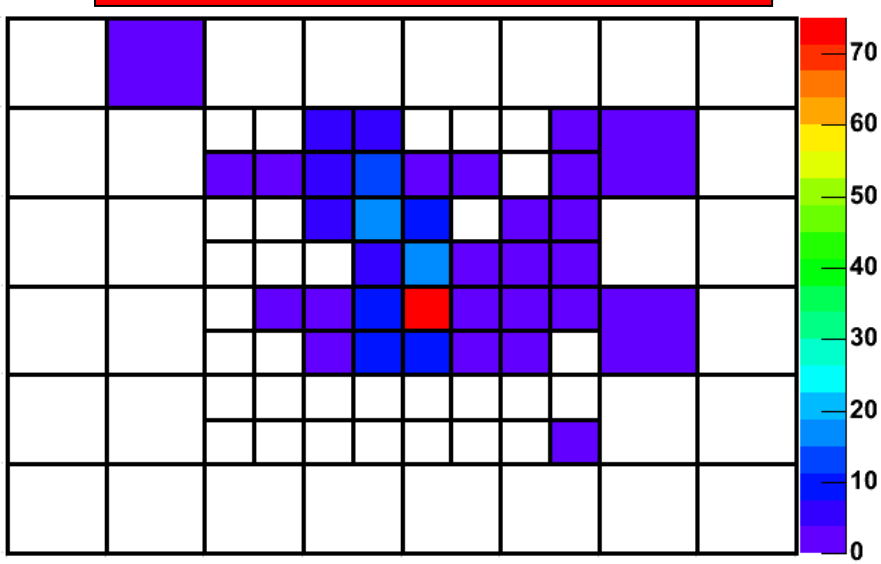
- Will need high momentum tracks or tracks otherwise Id-ed as pions to calibrate.

Run 14029 (first 500 events)

Tracks above 20 GeV



Tracks above 2.5 GeV



- Alignment not correct – beam should hit upper mirror plane (based on observed signals)

Next steps

- Rough alignment
- Extrapolate cones not just track intersection points
- Define Ckov track object from intersected mirrors and gas volume path length

- Do we have (lots of) pass-2ed root files with recent SPFit results?