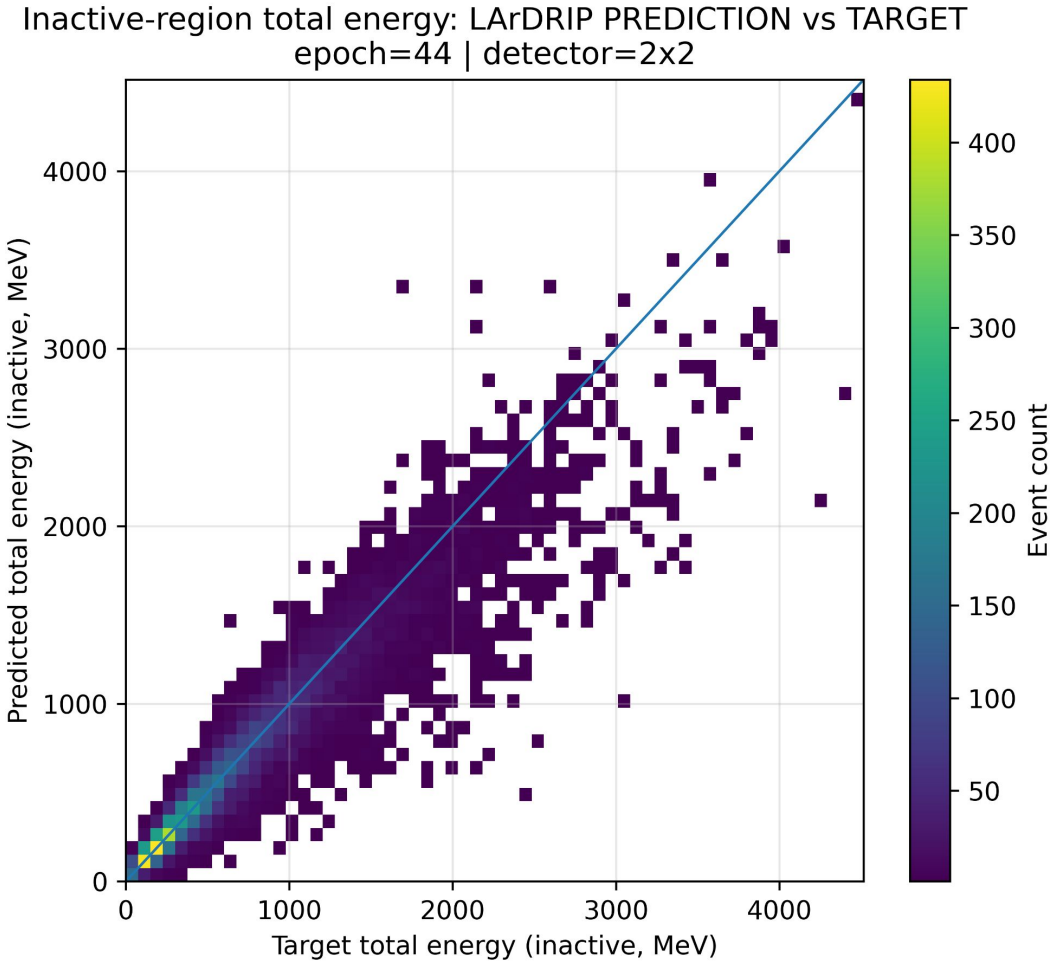
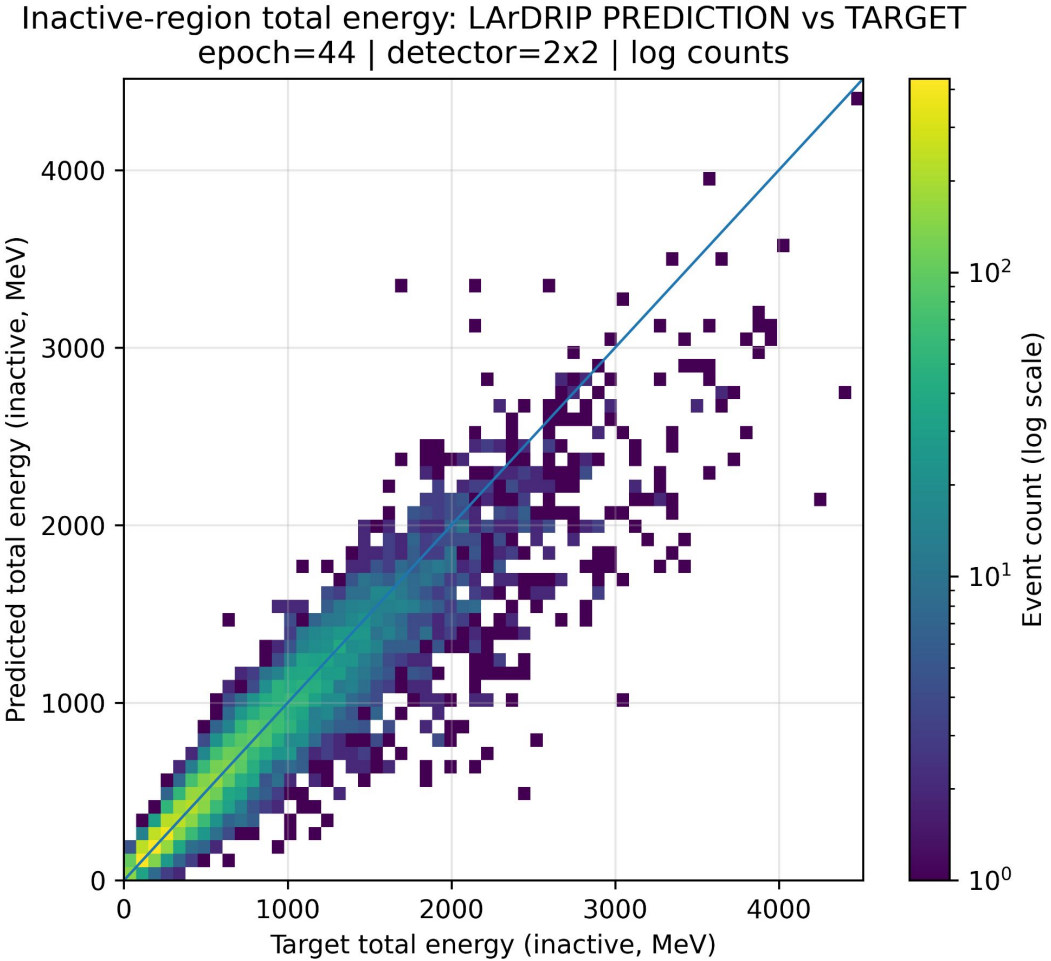
2x2-like
7 cm inactive
width

Current



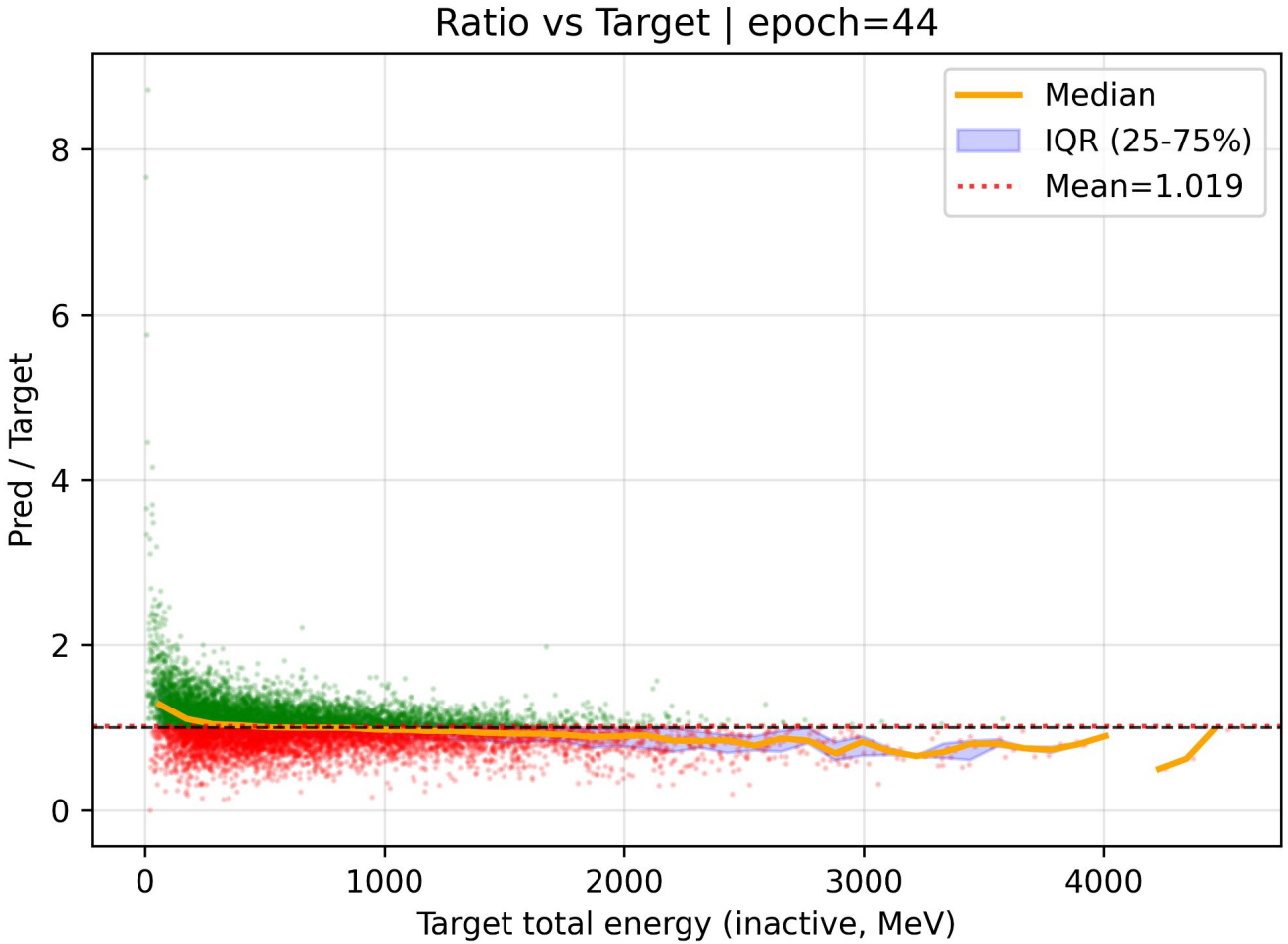
2x2-like
7 cm inactive
width

Current



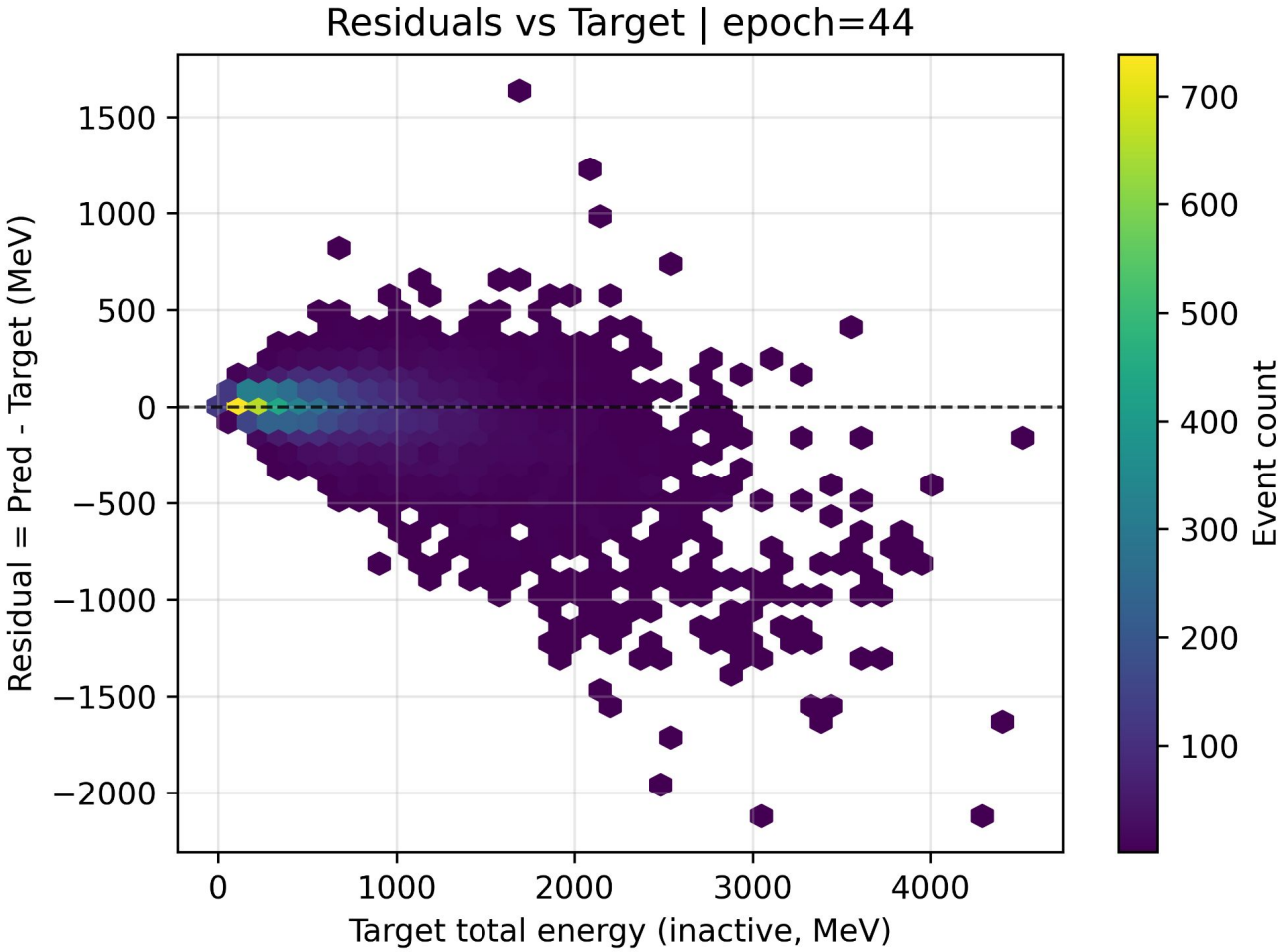
2x2-like
7 cm inactive
width

Current



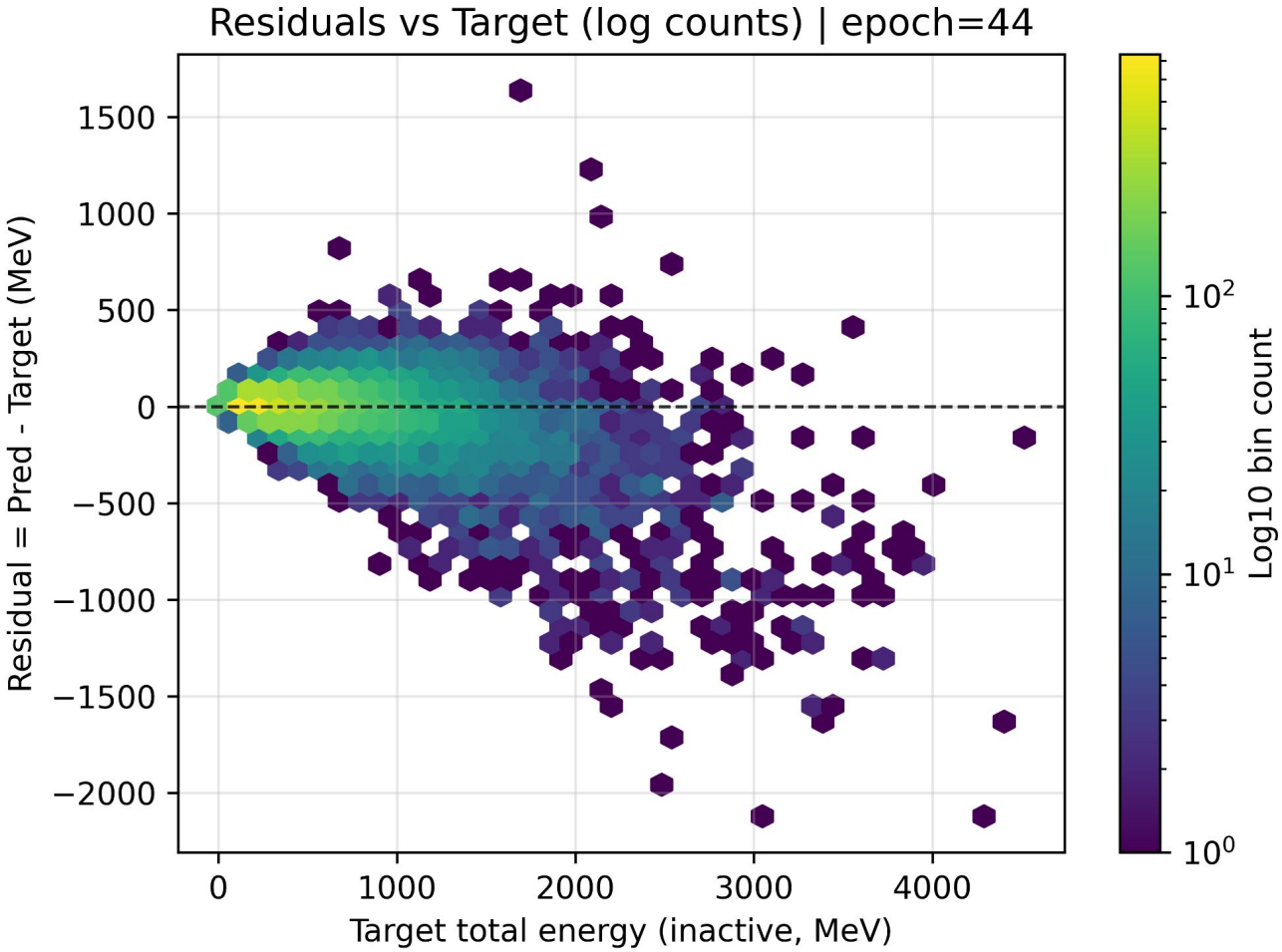
2x2-like
7 cm inactive
width

Current



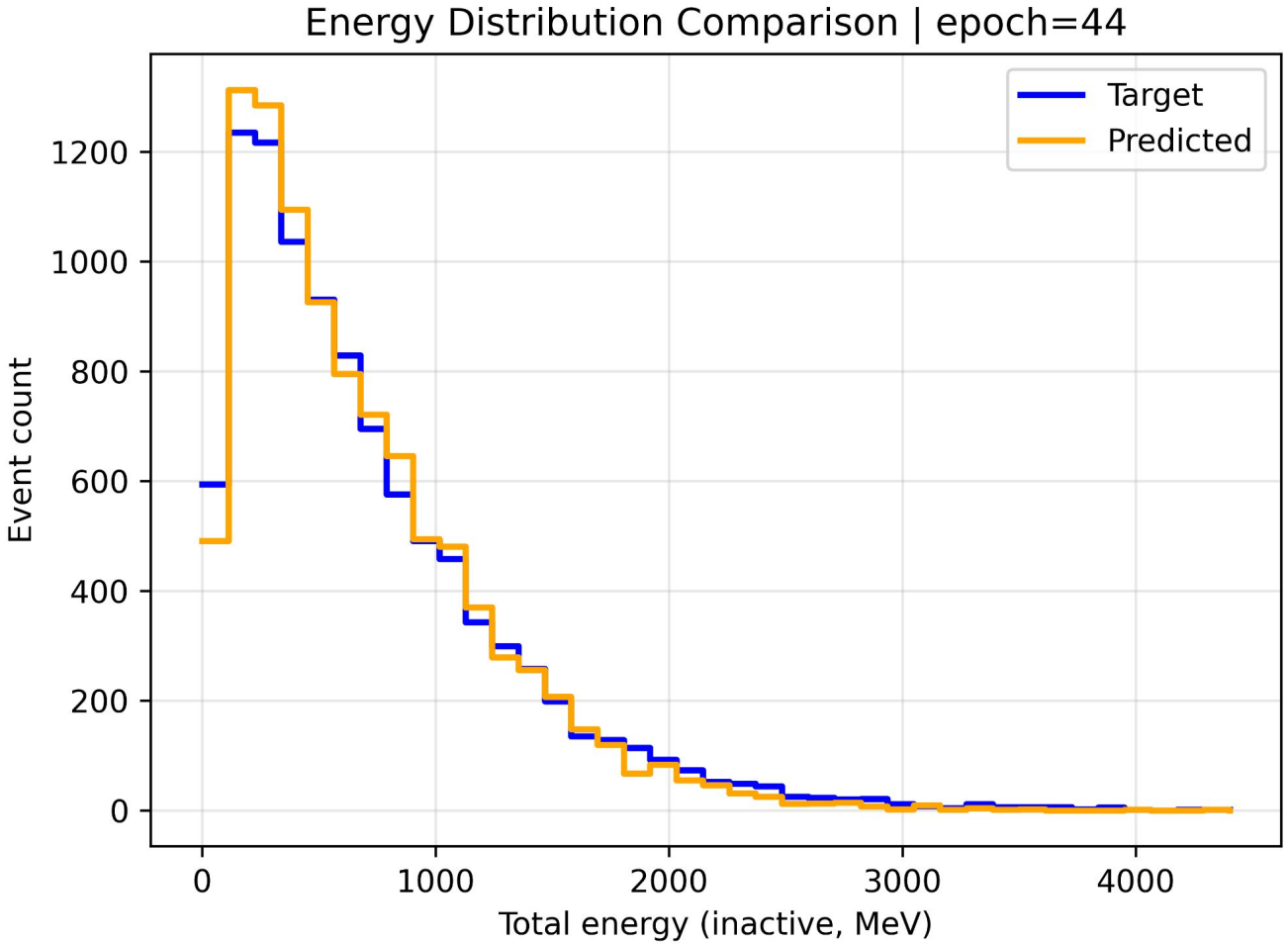
2x2-like
7 cm inactive
width

Current



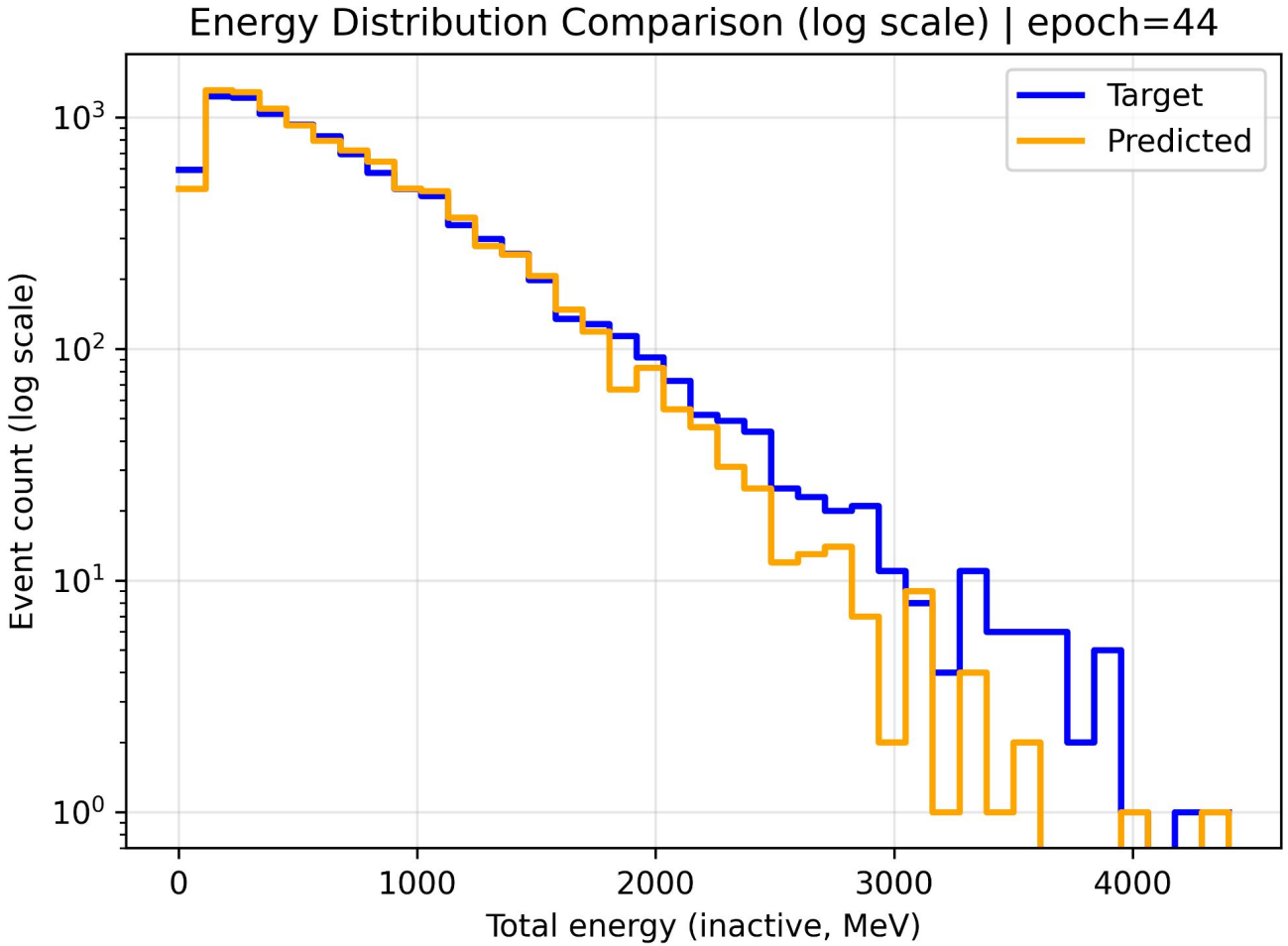
2x2-like
7 cm inactive
width

Current



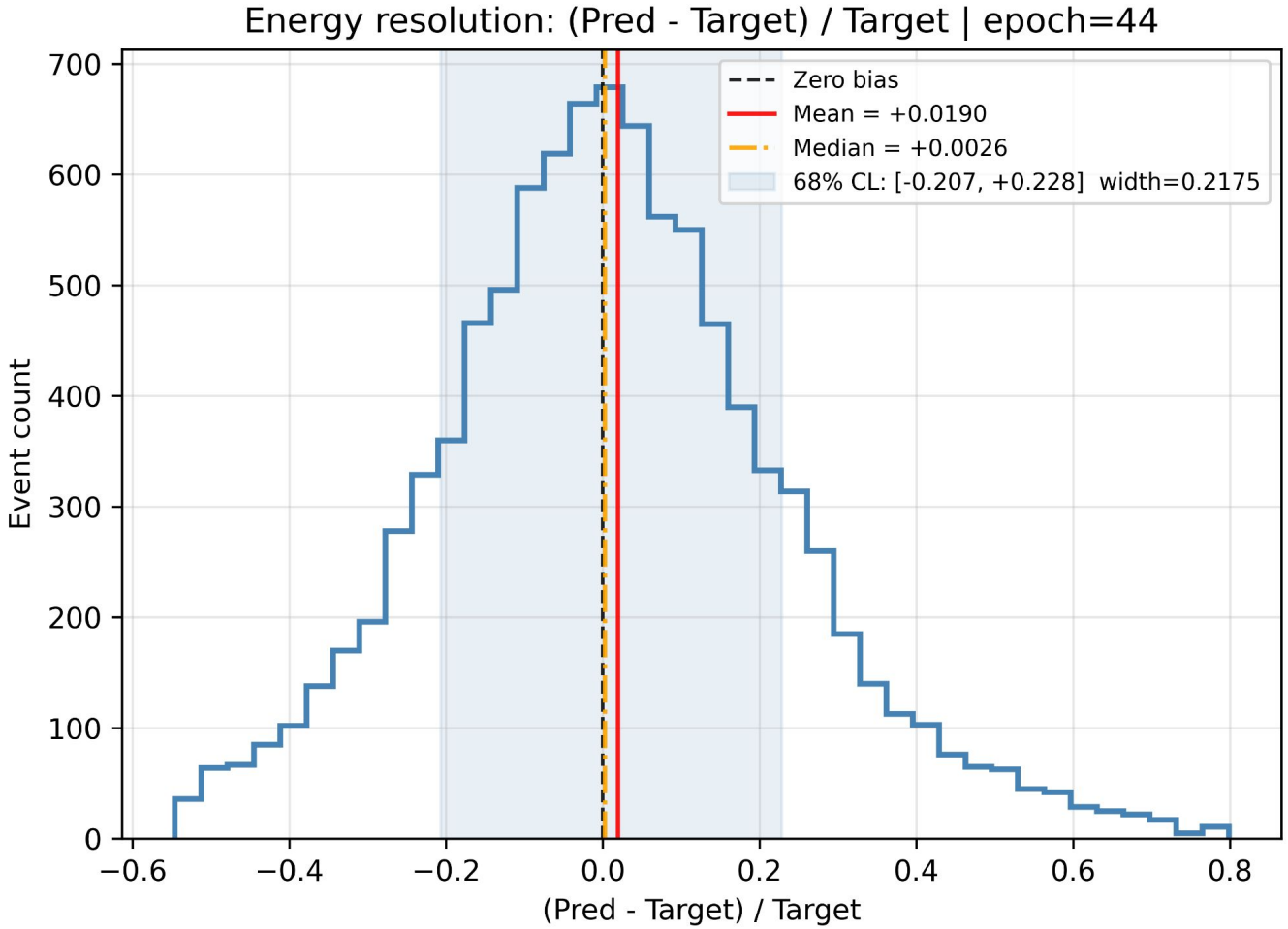
2x2-like
7 cm inactive
width

Current



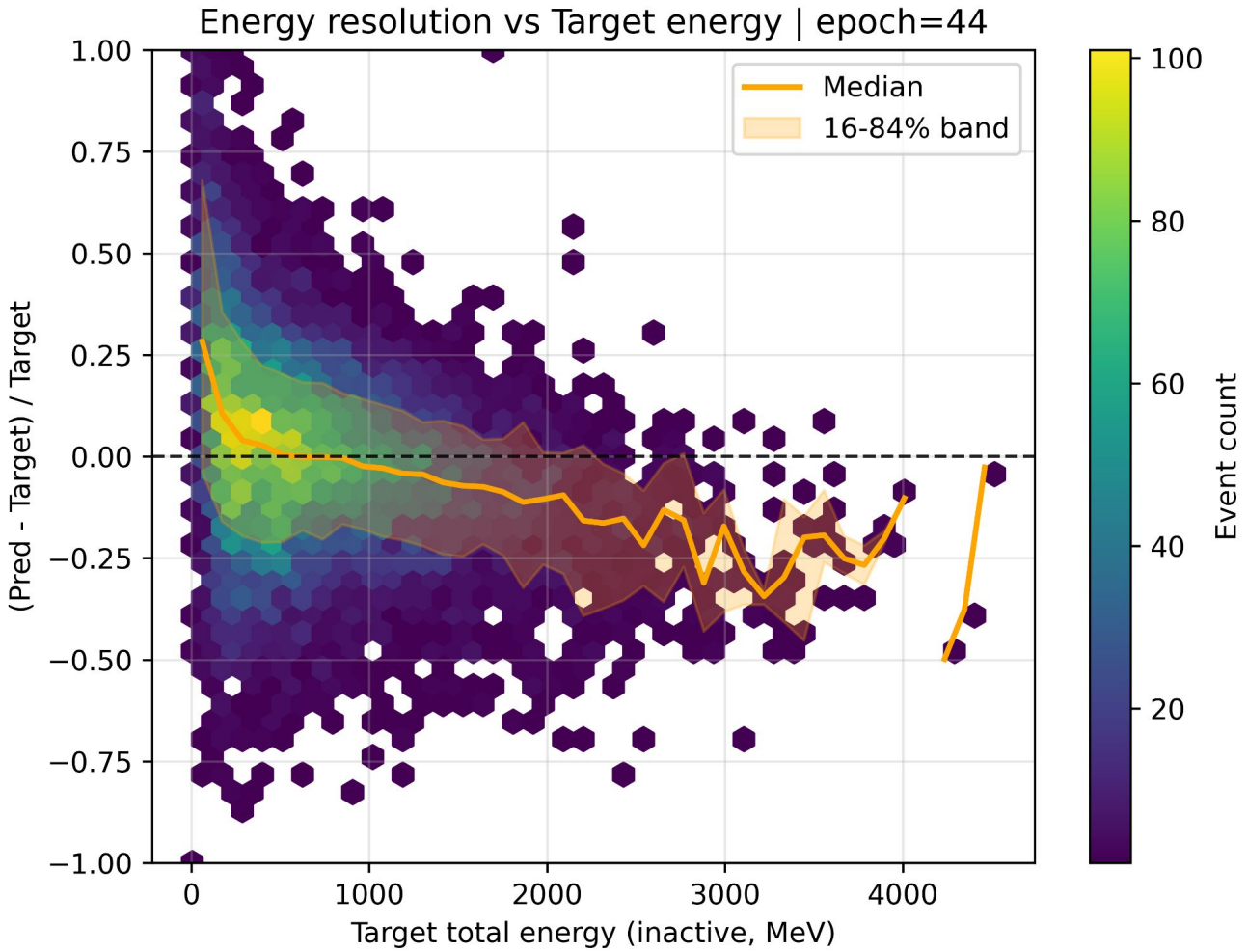
2x2-like
7 cm inactive
width

Current



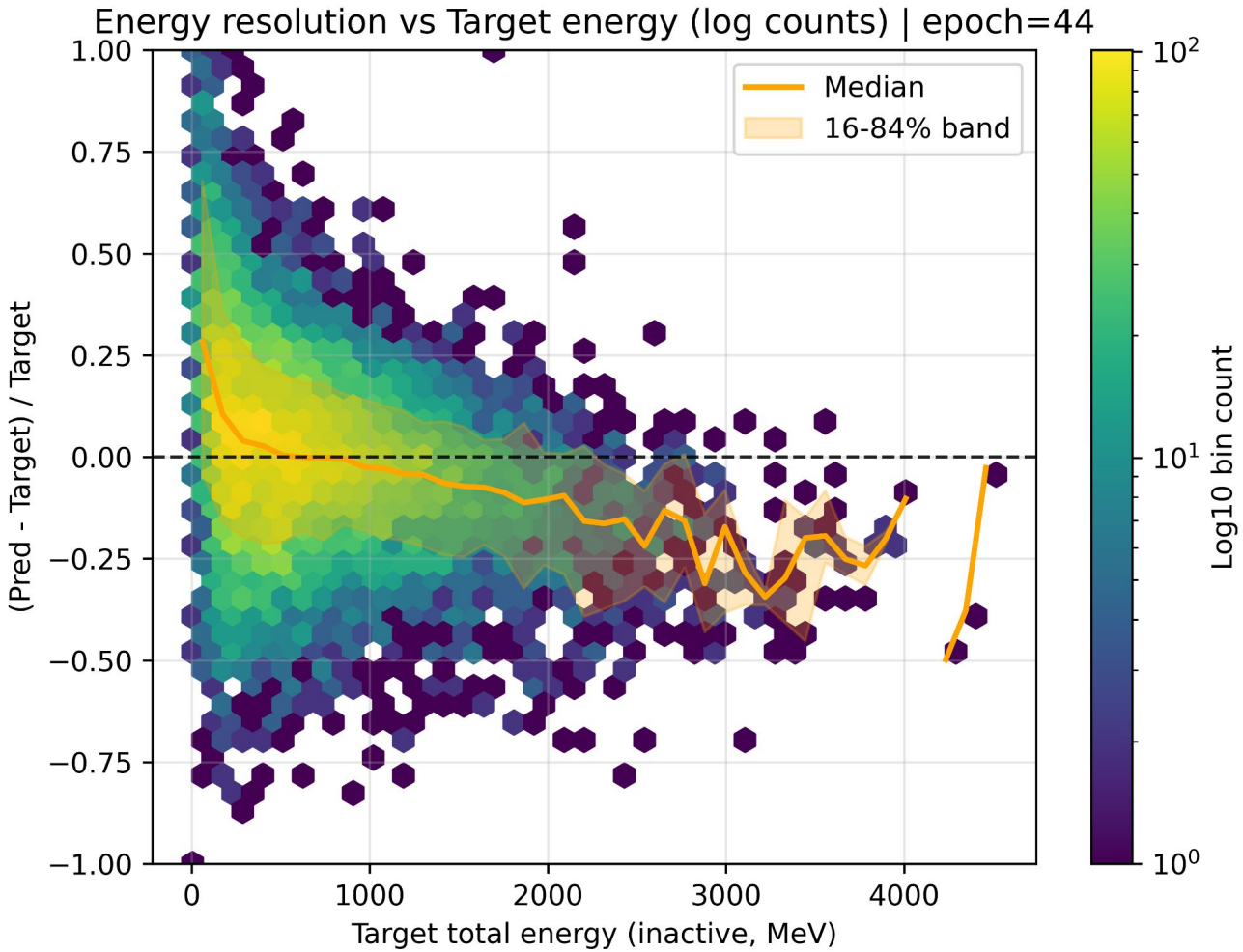
2x2-like
7 cm inactive
width

Current



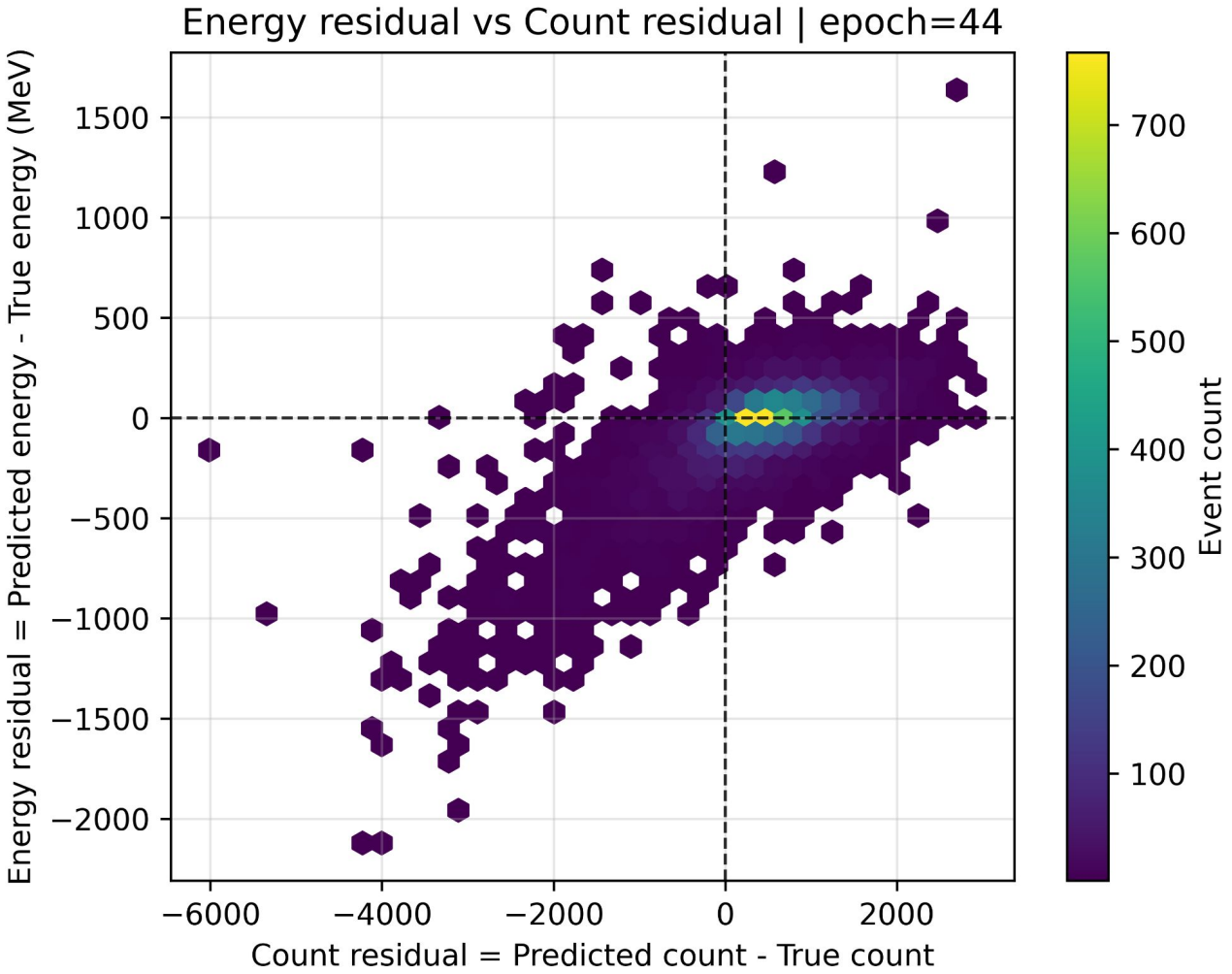
2x2-like
7 cm inactive
width

Current



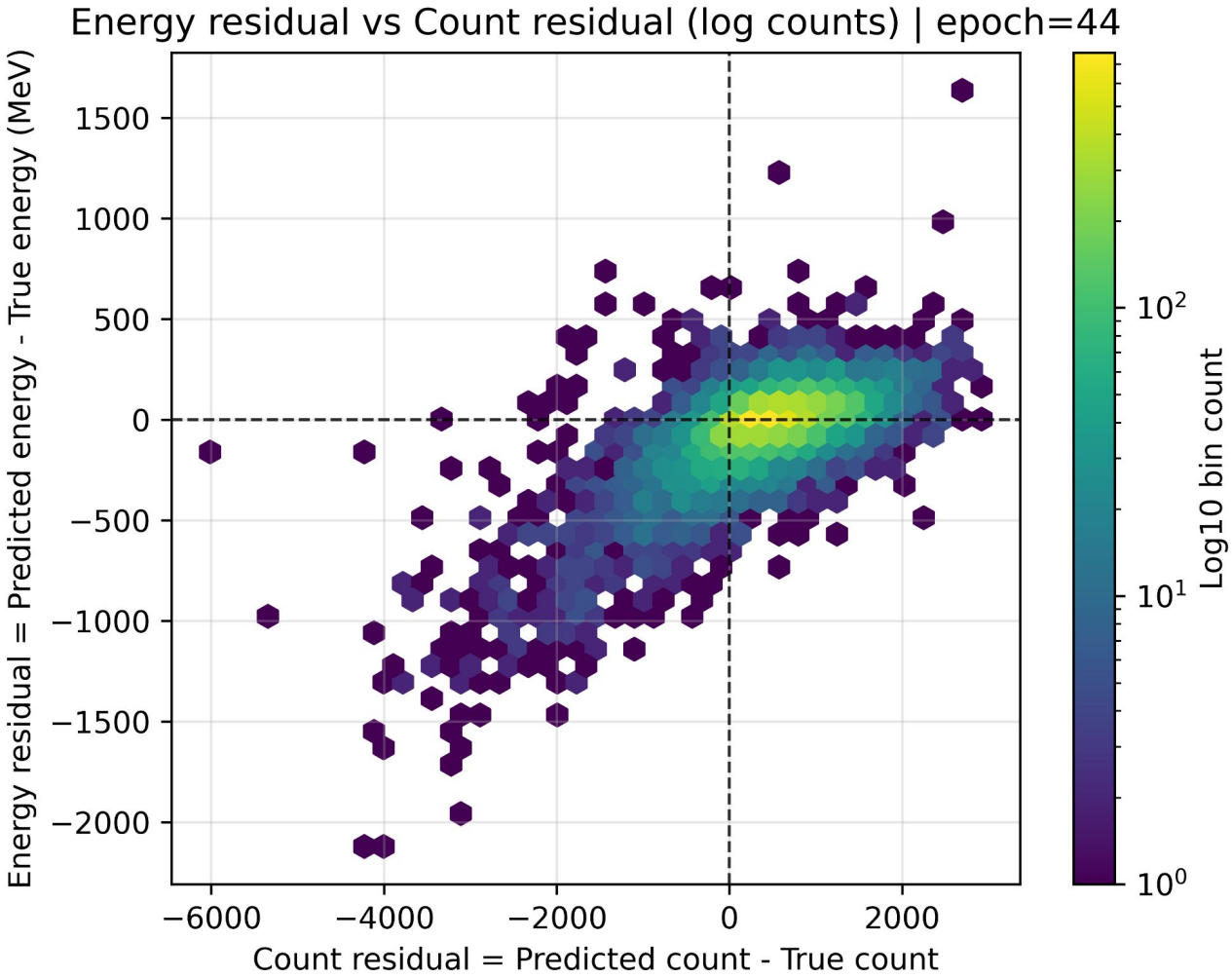
2x2-like
7 cm inactive
width

Current



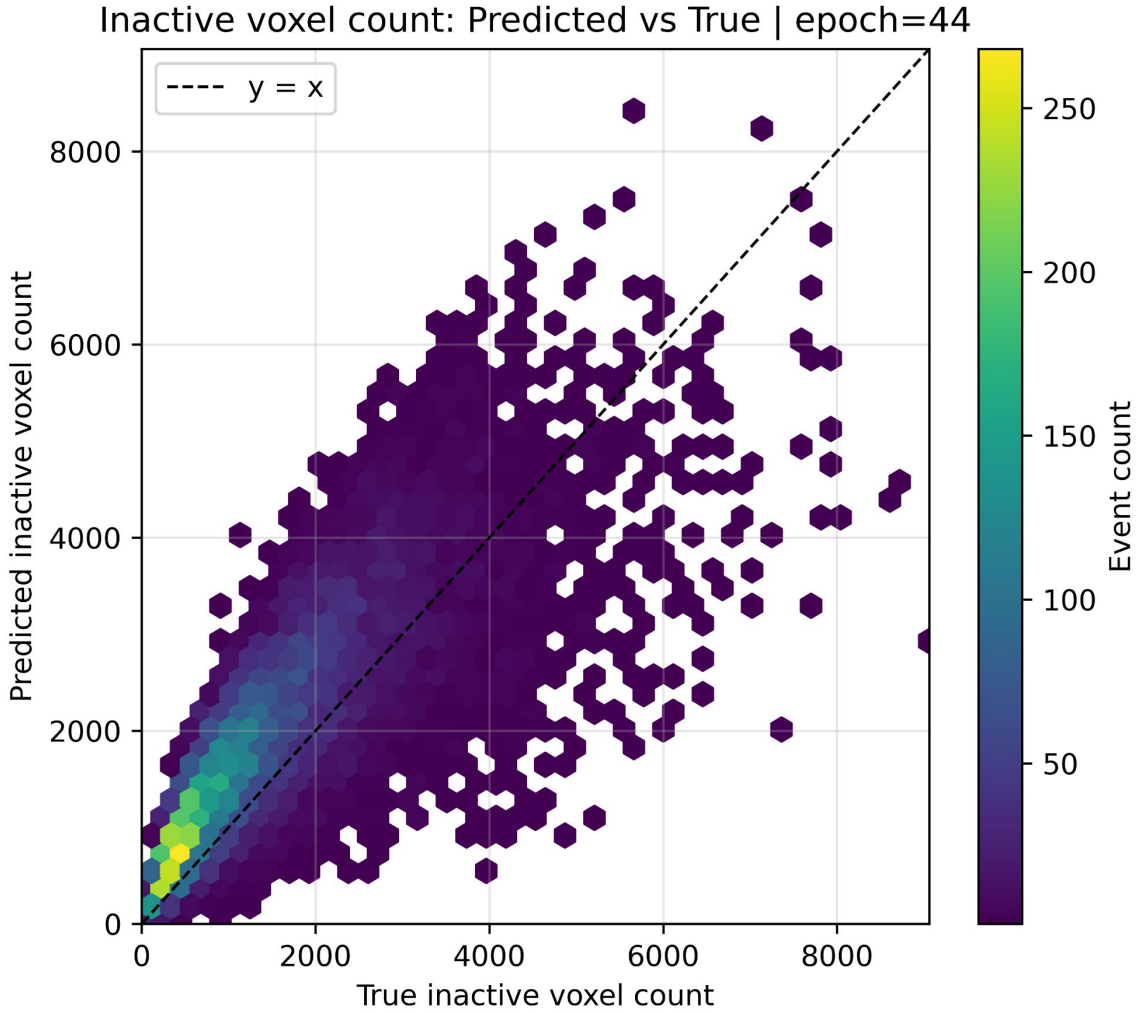
2x2-like
7 cm inactive
width

Current



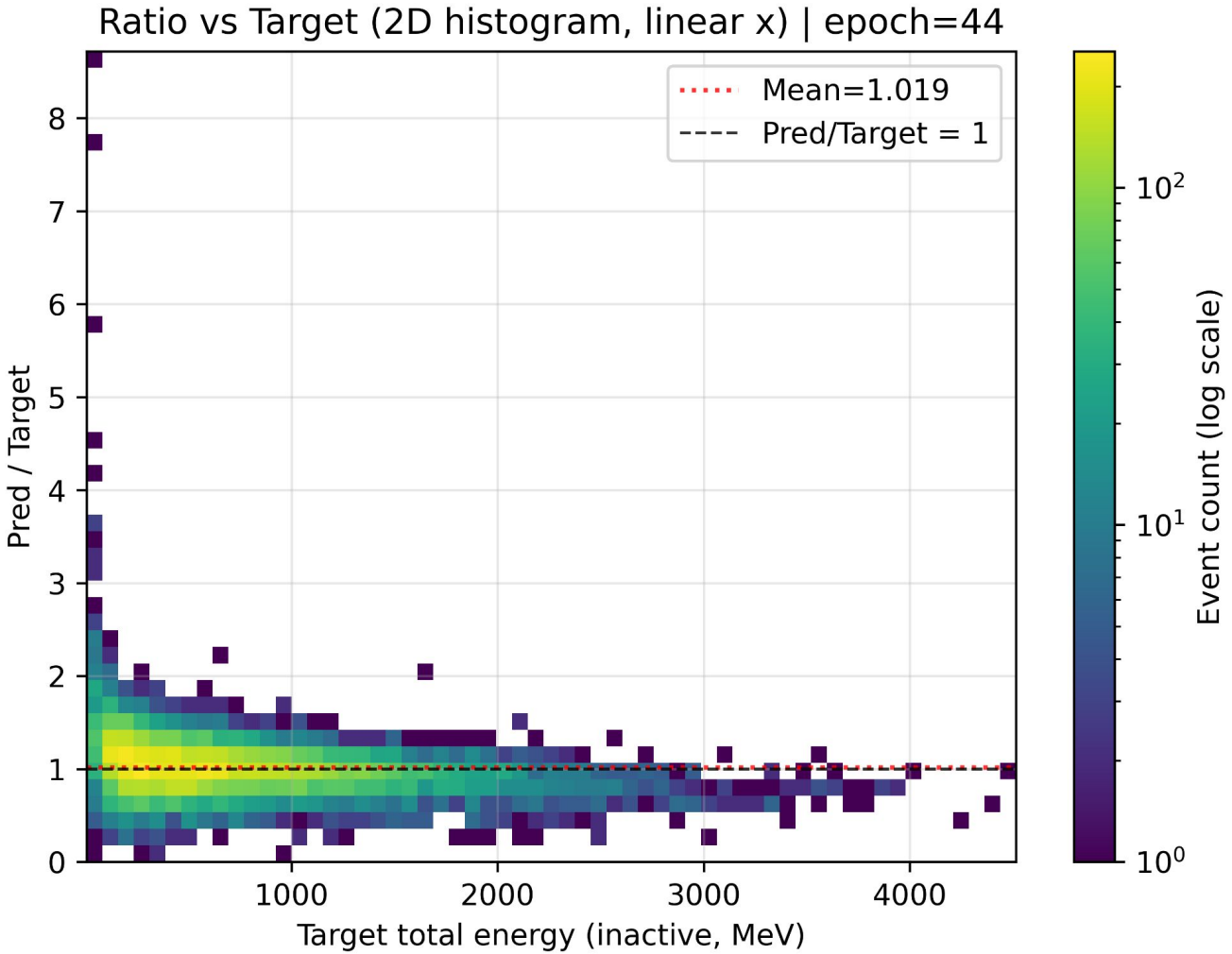
2x2-like
7 cm inactive
width

Current



2x2-like
7 cm inactive
width

Current



2x2-like
7 cm inactive
width

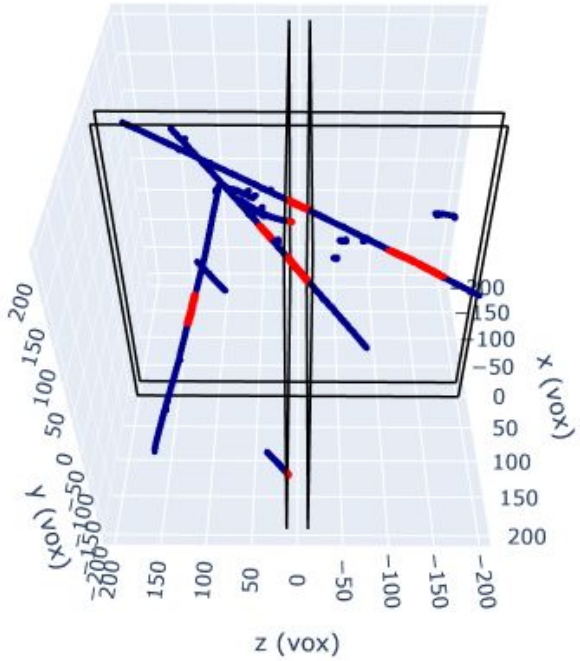
Predicted Energy:
133.5 MeV

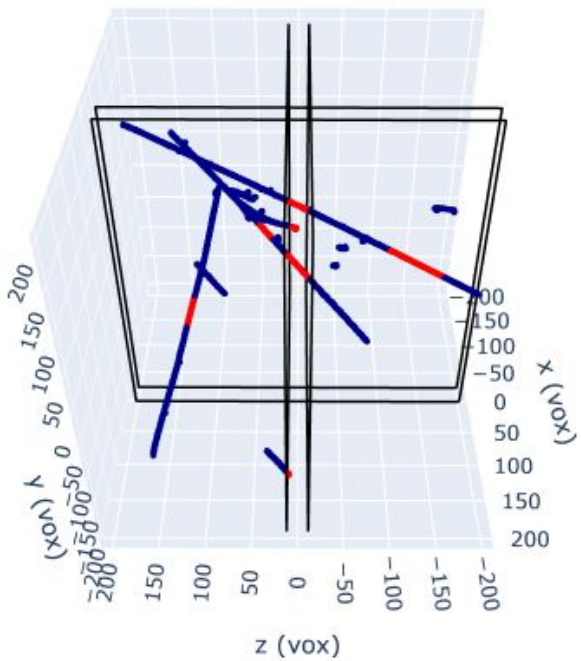
True Energy:
165 MeV

PREDICTION (inactive=pred, active=input)

TARGET

Current



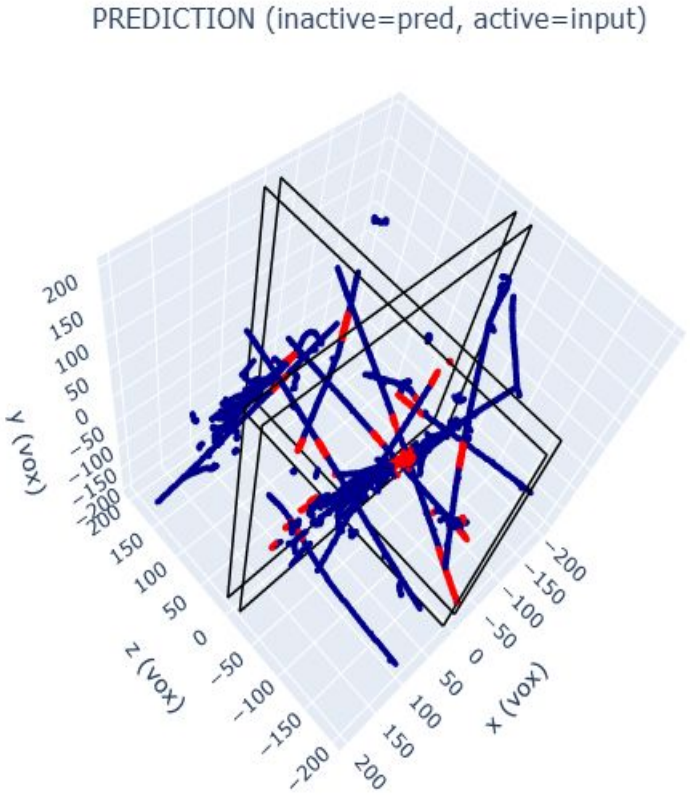


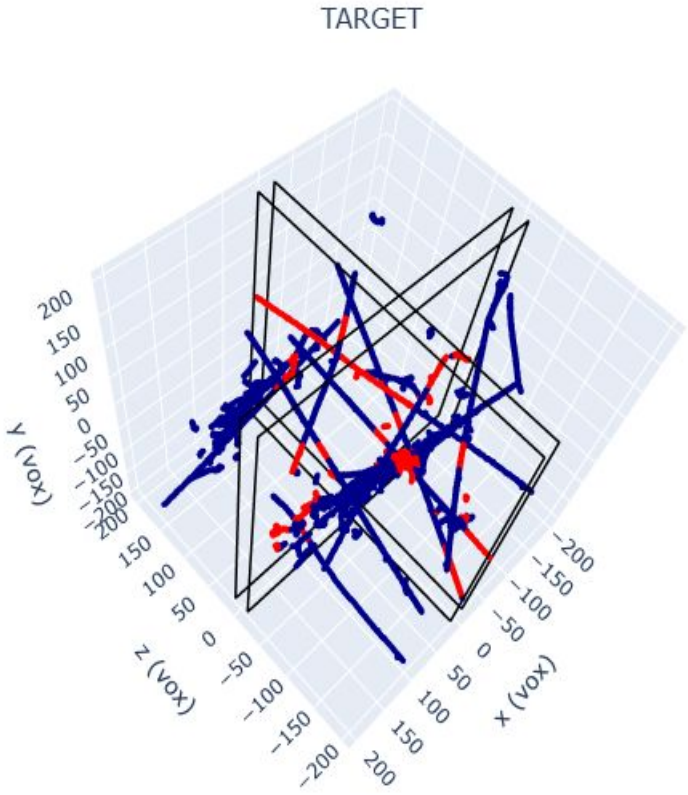
2x2-like
7 cm inactive width

Current

Predicted Energy:
930.4 MeV

True Energy:
1108 MeV



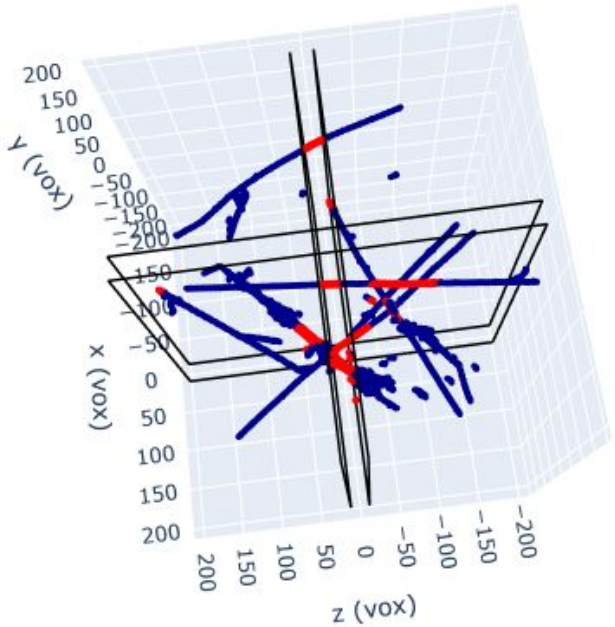


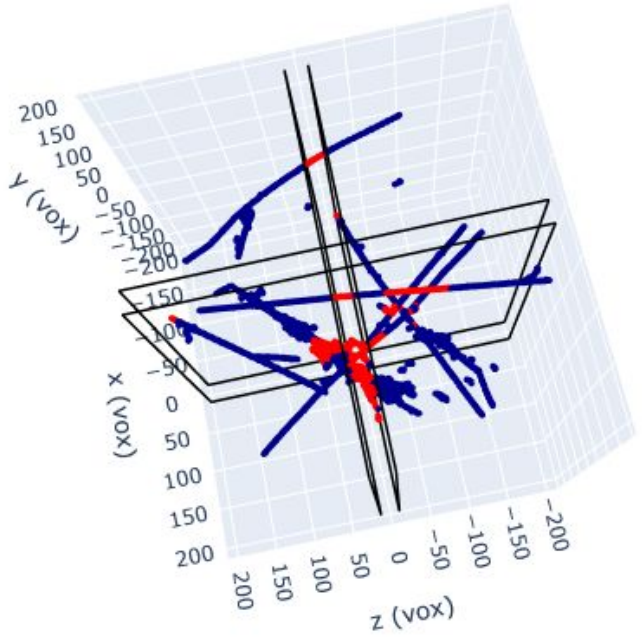
2x2-like
7 cm inactive
width

Predicted Energy:
909 MeV

True Energy:
1086 MeV

Current



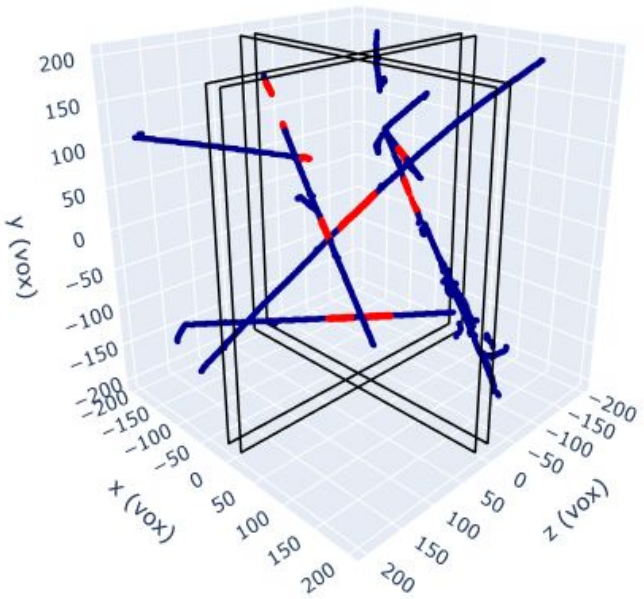


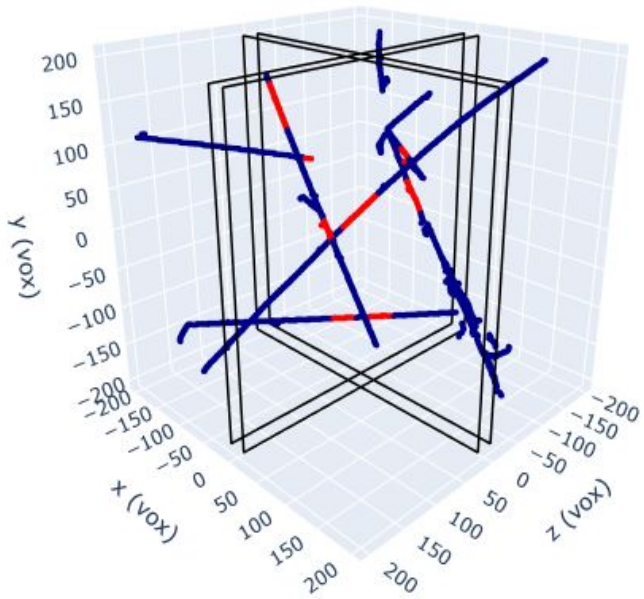
2x2-like
7 cm inactive width

Current

Predicted Energy:
239.4 MeV

True Energy:
236.1 MeV



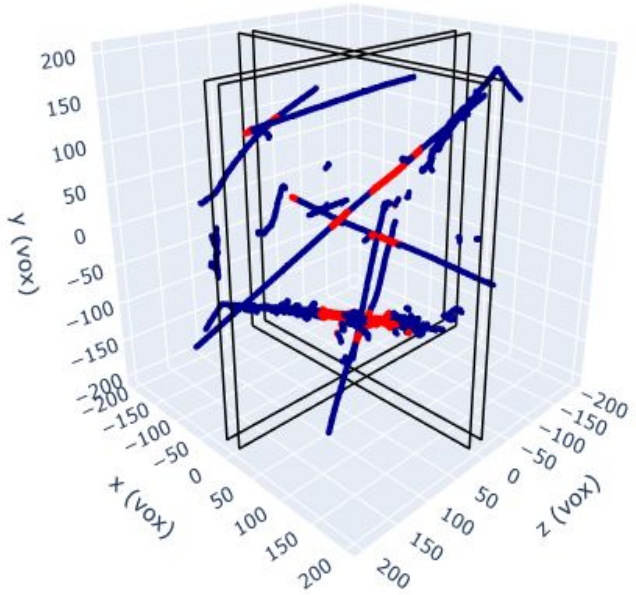


2x2-like
7 cm inactive width

Current

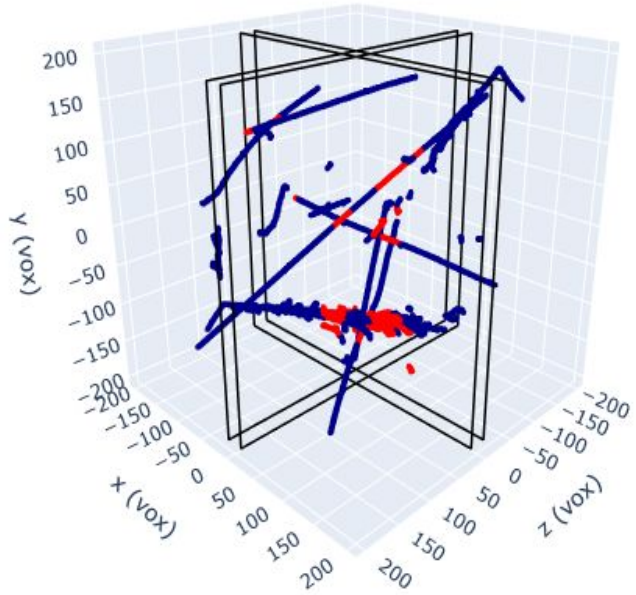
Predicted Energy:
909 MeV

PREDICTION (inactive=pred, active=input)



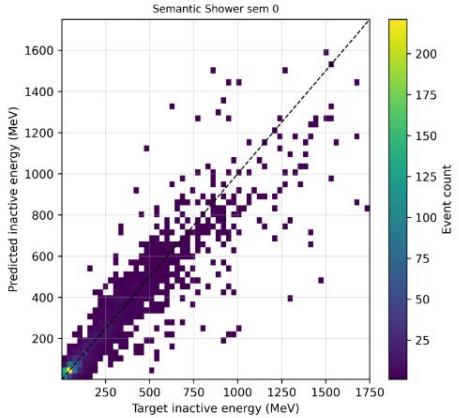
True Energy:
1086 MeV

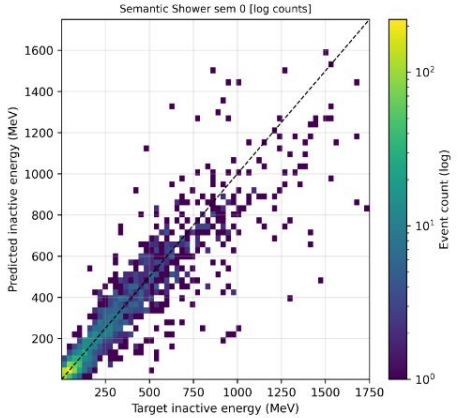
TARGET

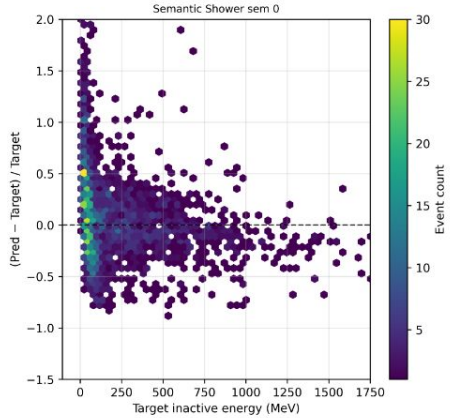


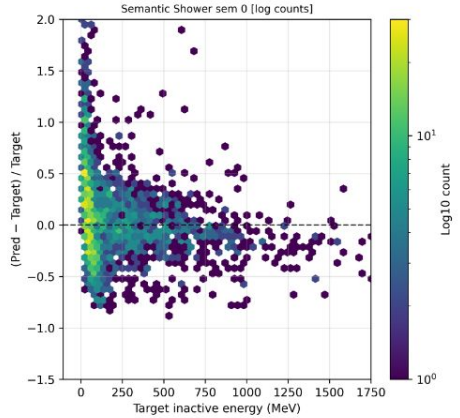
NEW

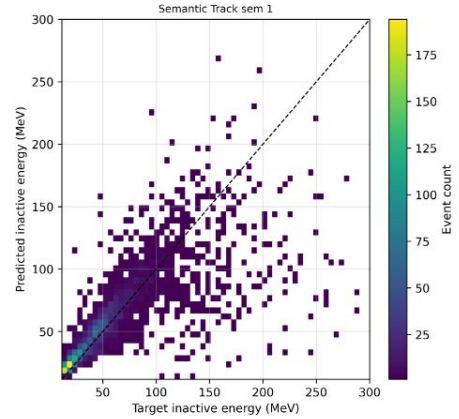
↓ Showers

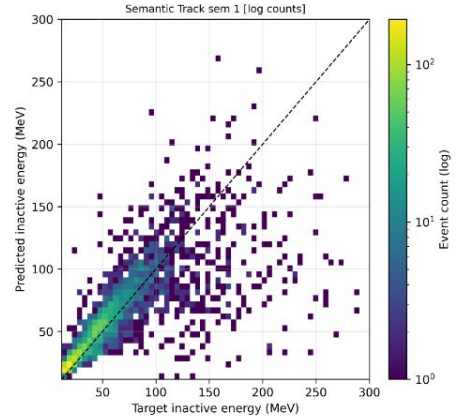


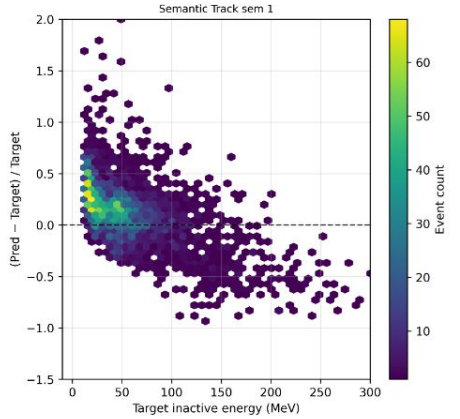


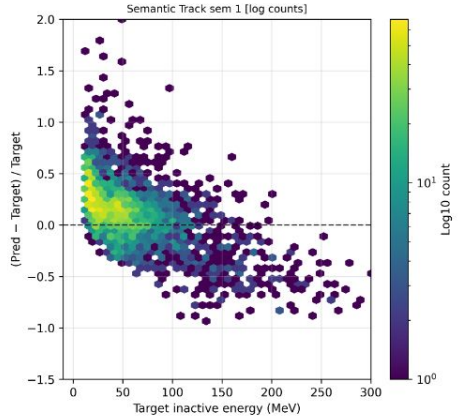






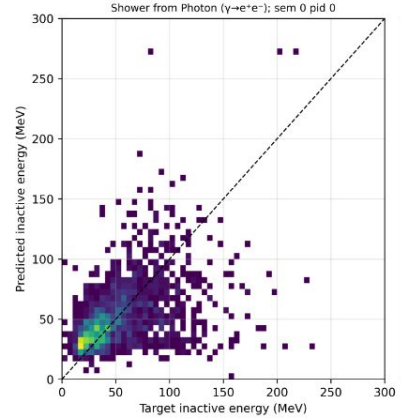


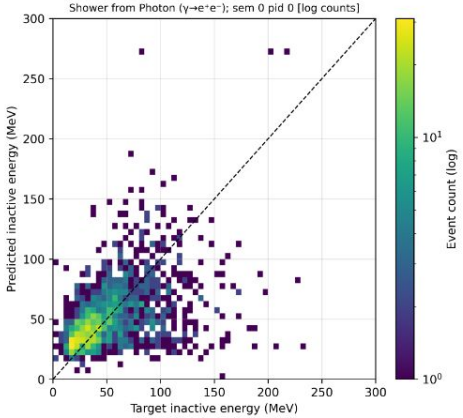


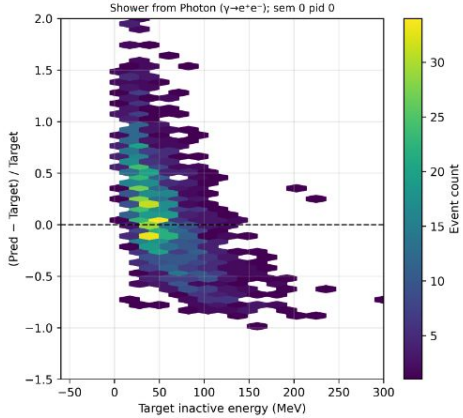


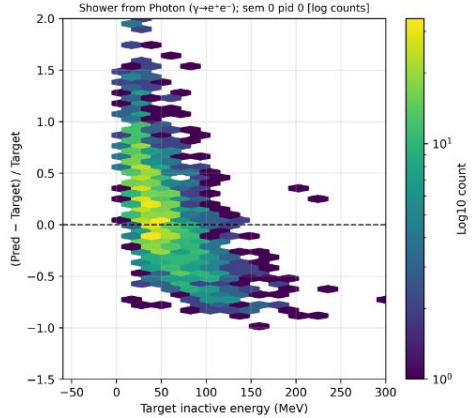
↑ Tracks

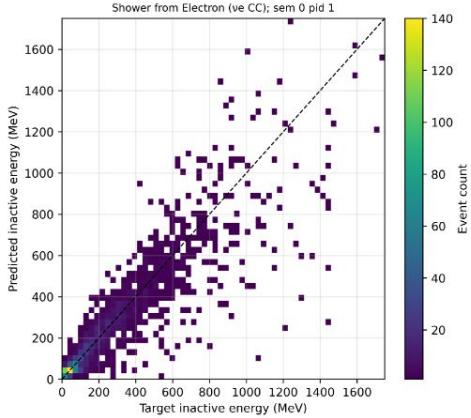
↓ Electron Showers from Photon Pair Production

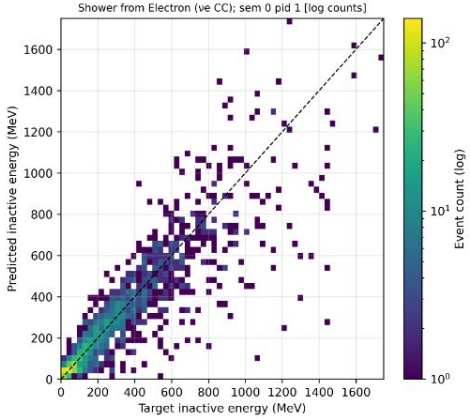


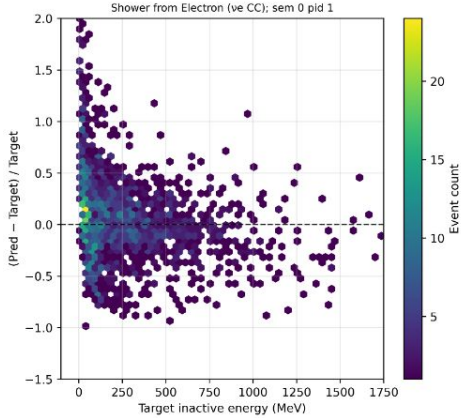


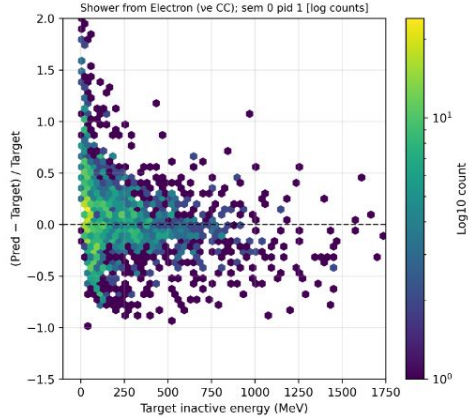






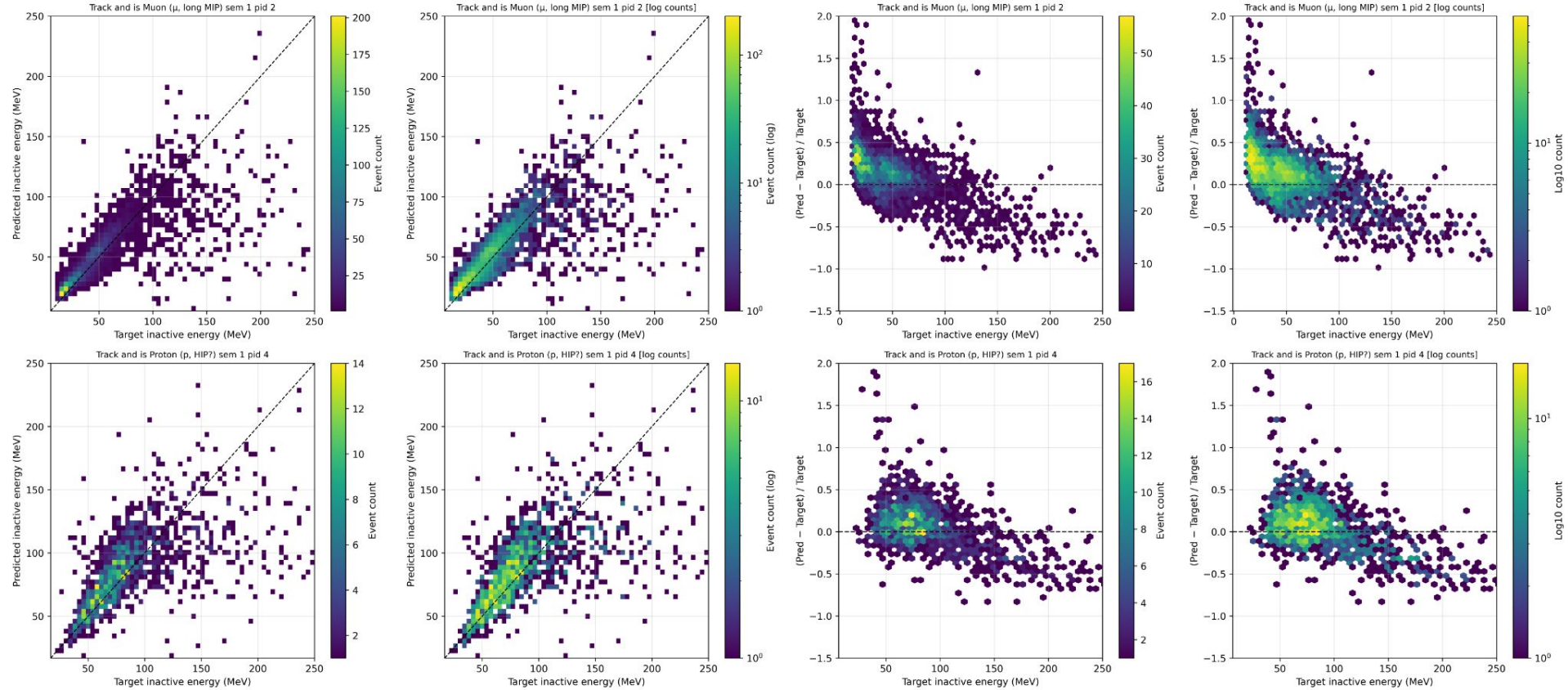






↑ Electron Showers from Electron (ve CC)

↓ Muons (MIPs)



↑ Protons (HIPs?)

- No replacement at the moment! Including validation objects to increase physics pool by ~2x.
- Plan:
  - Allow for replacement. Sample to my heart’s content.
    - The sampler places objects at random, so this should be ok.
  - Repeat everything for NDLAr -- many, many, many more objects per spill. This should be interesting…
  - Show LArDRIP_WarpConvNet (WCN)
  - Show LArDRIP_2D for both ME and WCN