

Hit completeness ≥ 0.40 Hit purity ≥ 0.40 ICARUS BNB ν_μ Work in progress

Protons

Entries / 0.04

800
600
400
200
0

- 2D+DNNROI (LongMaxHits = 10) w/ YZ
- 2D+DNNROI (LongMaxHits = 1) w/ YZ
- 1D w/ YZ
- 2D+DNNROI (LongMaxHits = 10) w/o YZ
- 2D+DNNROI (LongMaxHits = 1) w/o YZ
- ϕ 1D w/o YZ

icaruscode_v10_06_00_01p03_develop (w/o YZ_sim)
icaruscode_v10_06_00_06p03 (w/ YZ_sim)

0.0

0.2

0.4

0.6

0.8

1.0

 $E_{\text{vis}}/E_{\text{true}}$ (collection plane)