

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

Pions

Entries / 0.05

80
60
40
20
0

- 2D+DNNROI (LongMaxHits = 10) w/ YZ (96.0%)
- 2D+DNNROI (LongMaxHits = 1) w/ YZ (96.0%)
- 1D w/ YZ (88.2%)
- 2D+DNNROI (LongMaxHits = 10) w/o YZ (93.9%)
- 2D+DNNROI (LongMaxHits = 1) w/o YZ (93.9%)
- ϕ 1D w/o YZ (79.3%)

"All matches" energy completeness

$$\left(\sum_{\text{matched pfp}} E_{\text{match}} \right) / E_{\text{vis}}$$
icaruscode_v10_06_00_01p03_develop (w/o YZ_sim)
icaruscode_v10_06_00_06p03 (w/ YZ_sim)