

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

Pions

PFPs [#] / 0.03

 10^1 10^0

0.0

0.2

0.4

0.6

0.8

1.0

Hit purity (from PFP bestmatch)

- 2D+DNNROI (LongMaxHits = 10) w/ YZ (75.9%)
- 2D+DNNROI (LongMaxHits = 1) w/ YZ (75.2%)
- 1D w/ YZ (70.3%)
- 2D+DNNROI (LongMaxHits = 10) w/o YZ (75.2%)
- 2D+DNNROI (LongMaxHits = 1) w/o YZ (75.0%)
- 1D w/o YZ (67.3%)

icaroscope_v10_06_00_01p03_develop (w/o YZ_sim)
icaroscope_v10_06_00_06p03 (w/ YZ_sim)