

Hit completeness  $\geq 0.40$ Hit purity  $\geq 0.40$ ICARUS BNB  $\nu_\mu$  Work in progress

## Muons

Entries / 0.12 GeV

- 2D+DNNROI (LongMaxHits = 10) w/ YZ (0.3 GeV)
- 2D+DNNROI (LongMaxHits = 1) w/ YZ (0.3 GeV)
- 1D w/ YZ (0.3 GeV)
- 2D+DNNROI (LongMaxHits = 10) w/o YZ (0.3 GeV)
- 2D+DNNROI (LongMaxHits = 1) w/o YZ (0.3 GeV)
- $\phi$  1D w/o YZ (0.2 GeV)

icaruscode\_v10\_06\_00\_01p03\_develop (w/o YZ\_sim)  
icaruscode\_v10\_06\_00\_06p03 (w/ YZ\_sim)

0.0

0.5

1.0

1.5

2.0

2.5

Match energy (GeV)