

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

## Pions

Entries / 0.04

- 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
- $\phi$  1D w/o YZ

20

40

60

80

0.0

0.2

0.4

0.6

0.8

1.0

 $E_{\text{vis}}/E_{\text{true}}$  (collection plane)icaruscode\_v10\_06\_00\_01p03\_develop (w/o YZ\_sim)  
icaruscode\_v10\_06\_00\_06p03 (w/ YZ\_sim)