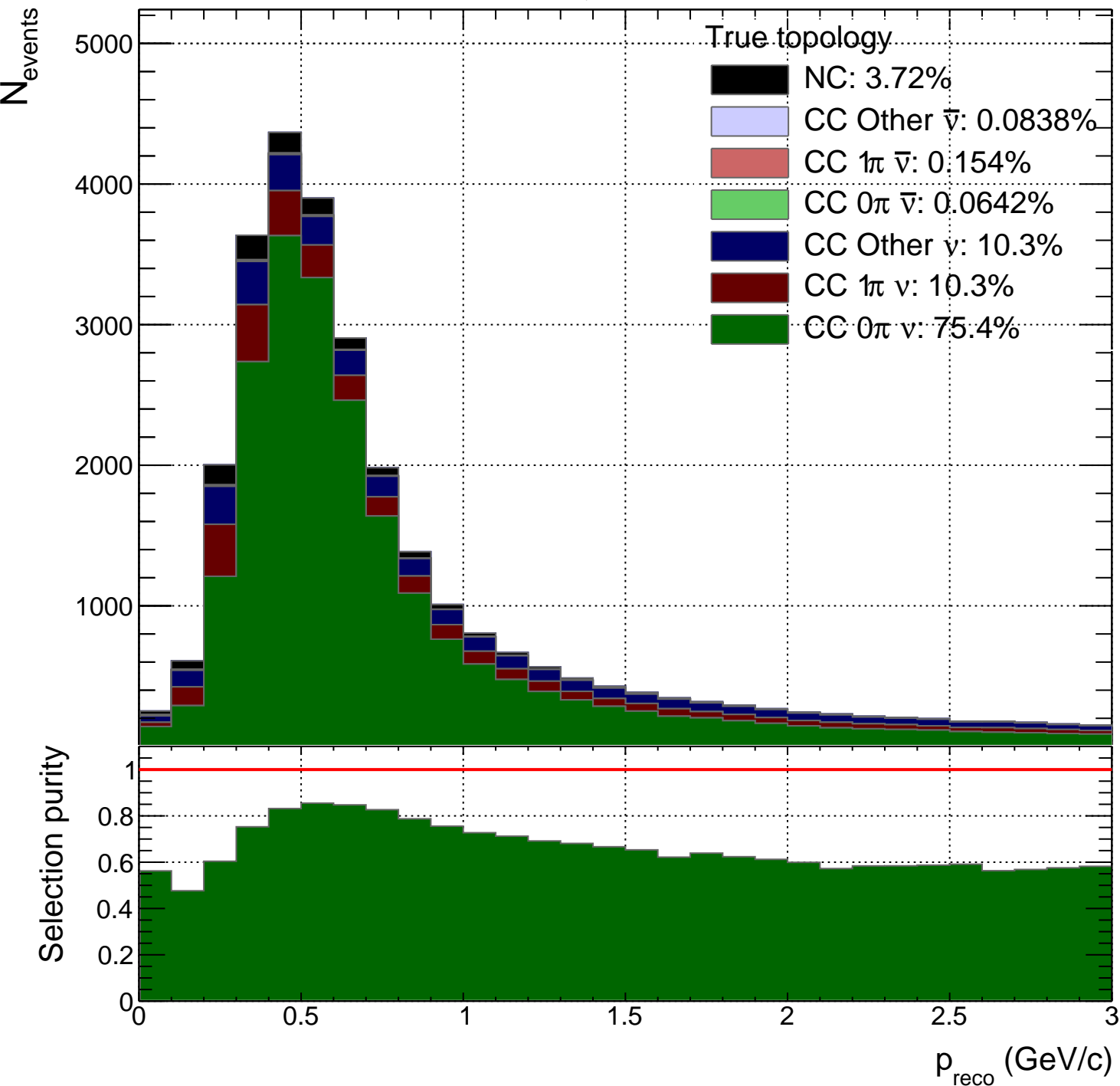
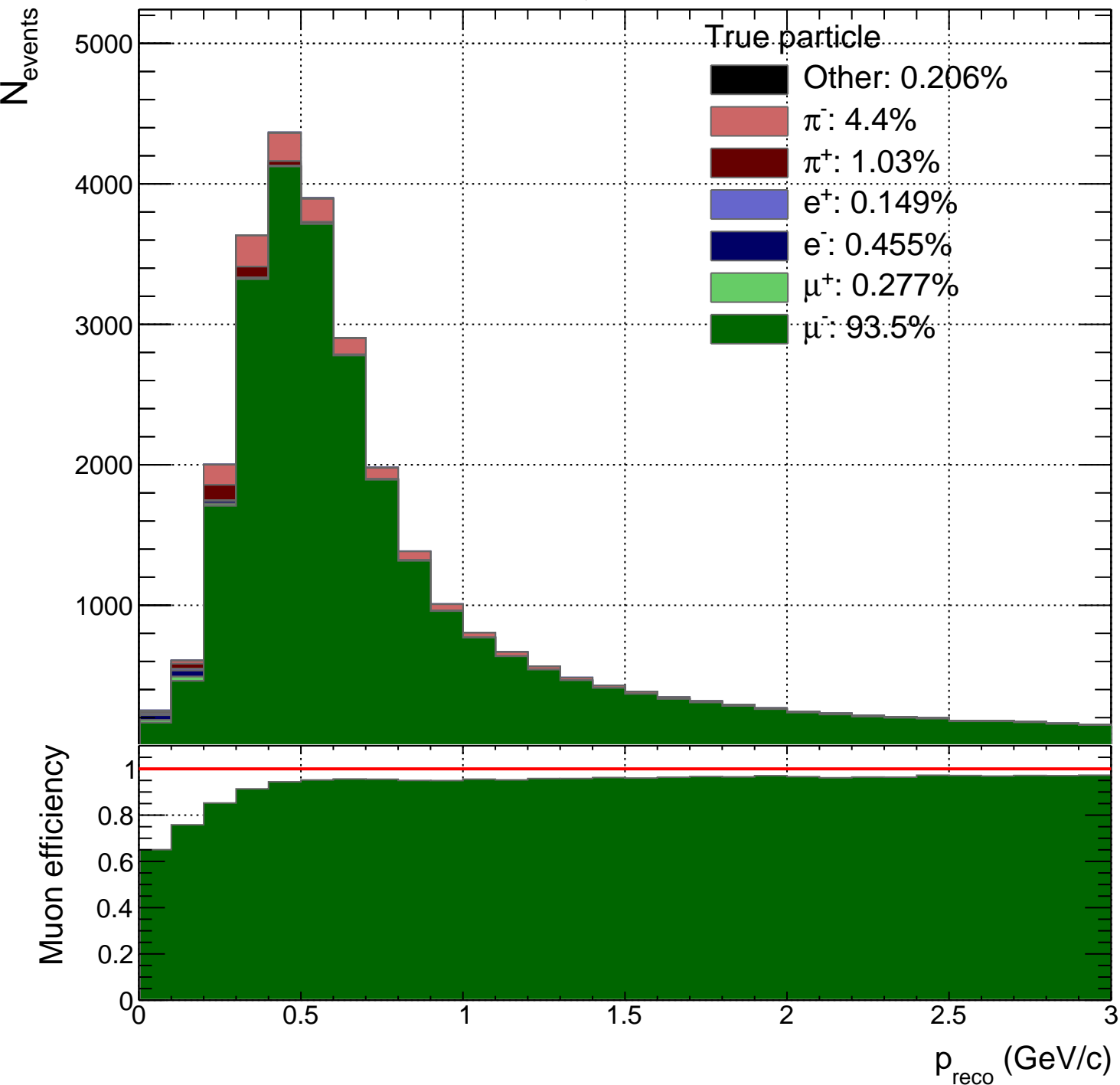


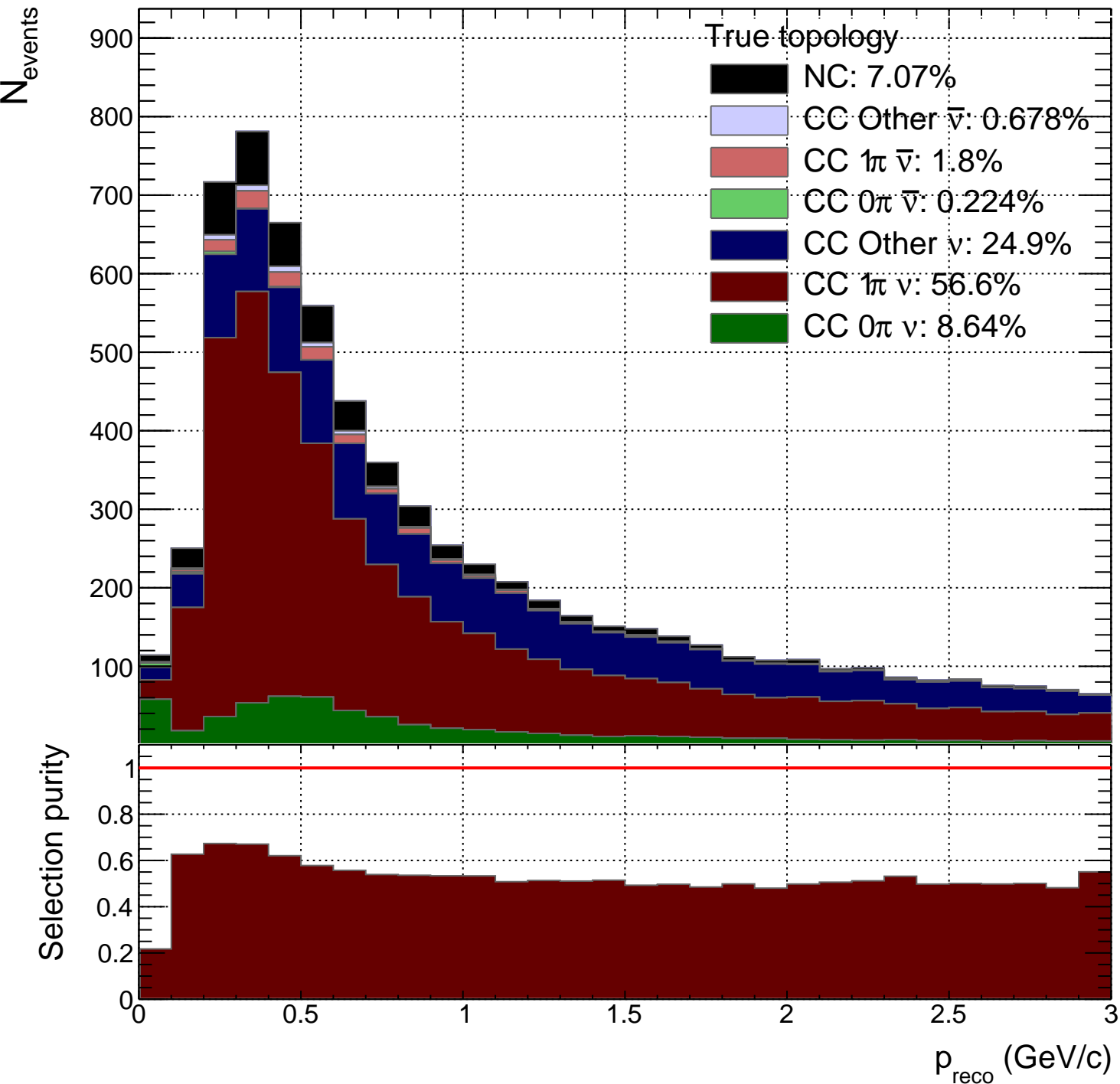
FGD1 ν_μ CC 0π



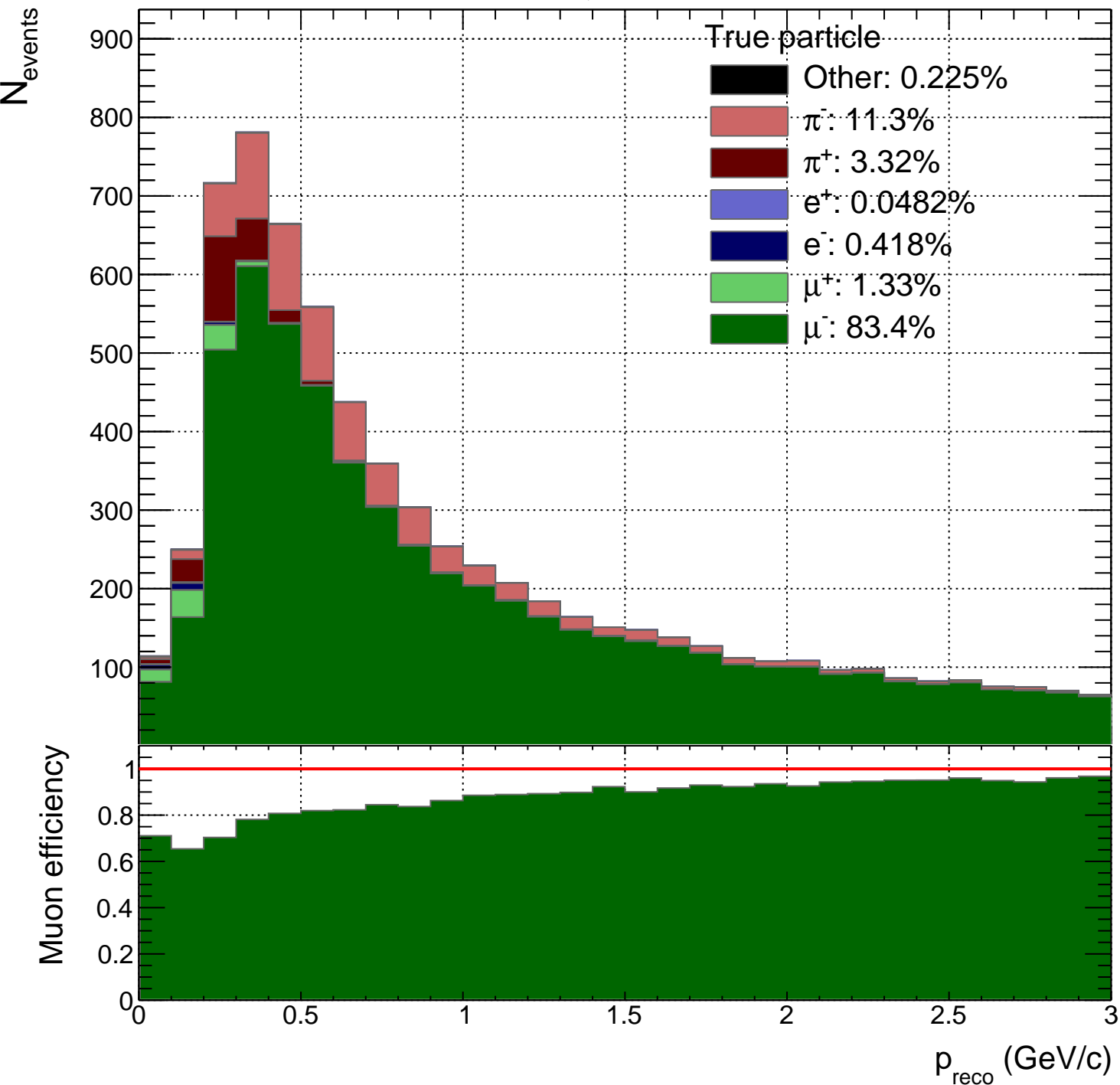
FGD1 ν_μ CC 0π



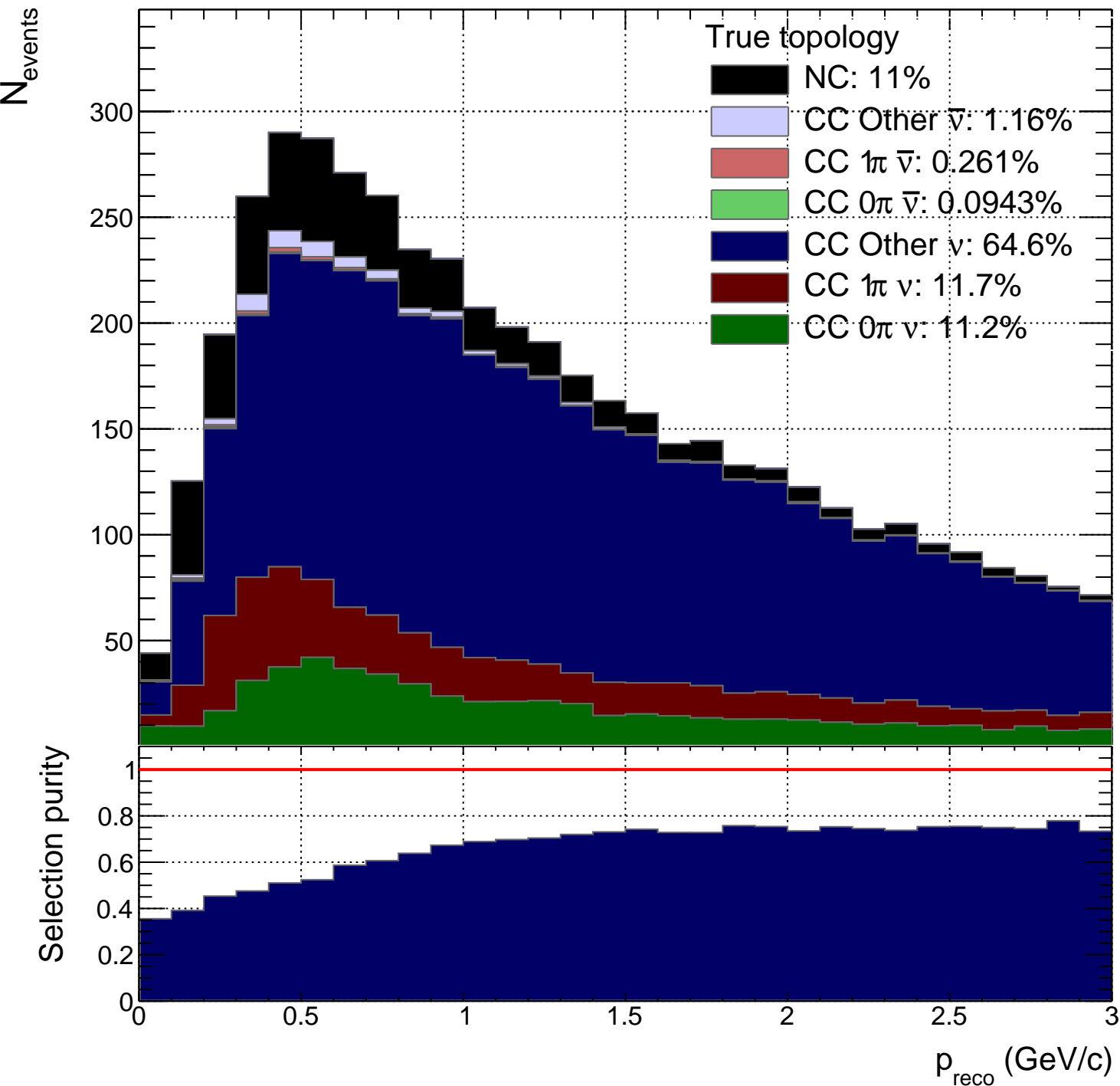
FGD1 ν_μ CC 1π



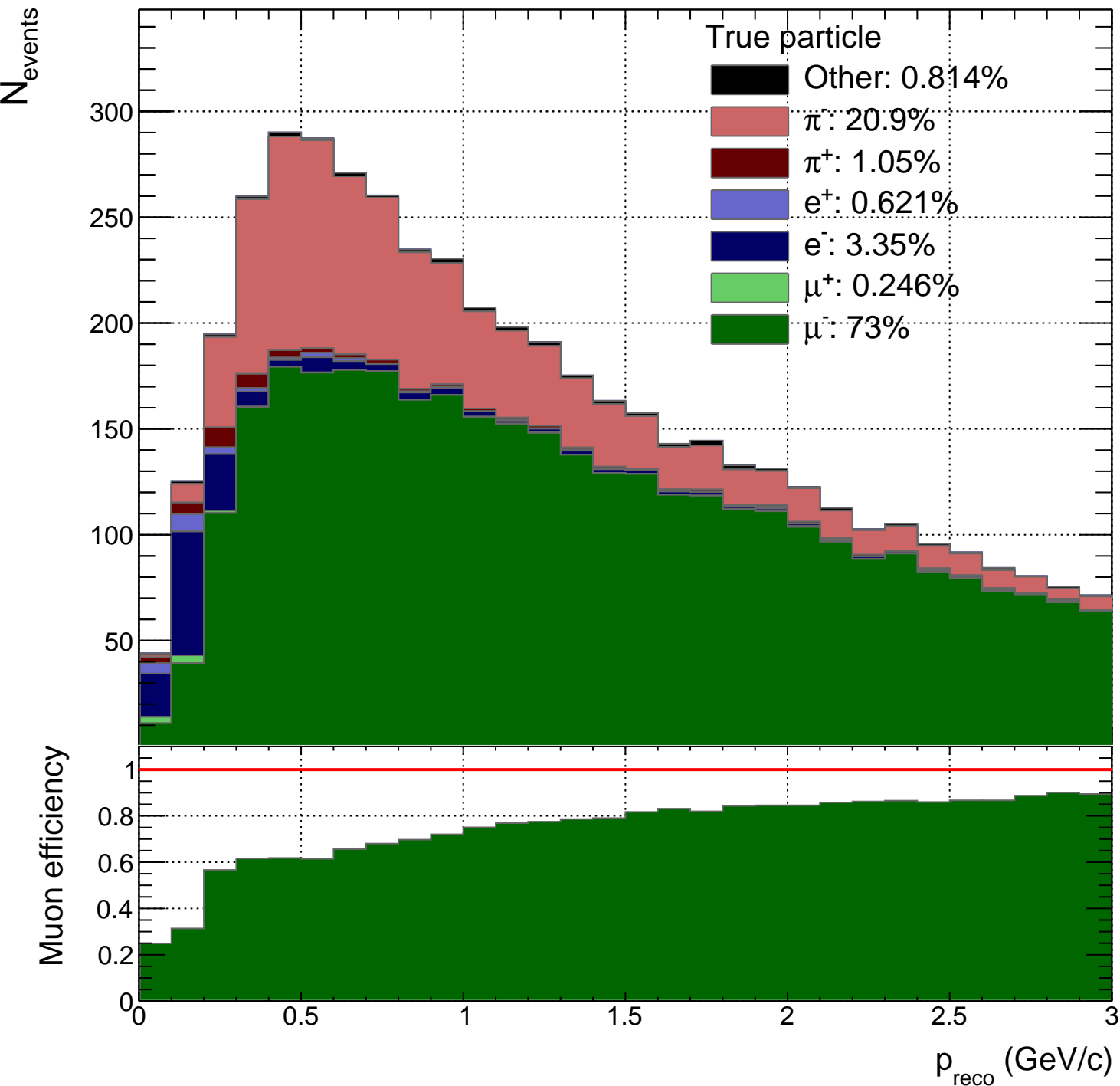
FGD1 ν_μ CC 1π



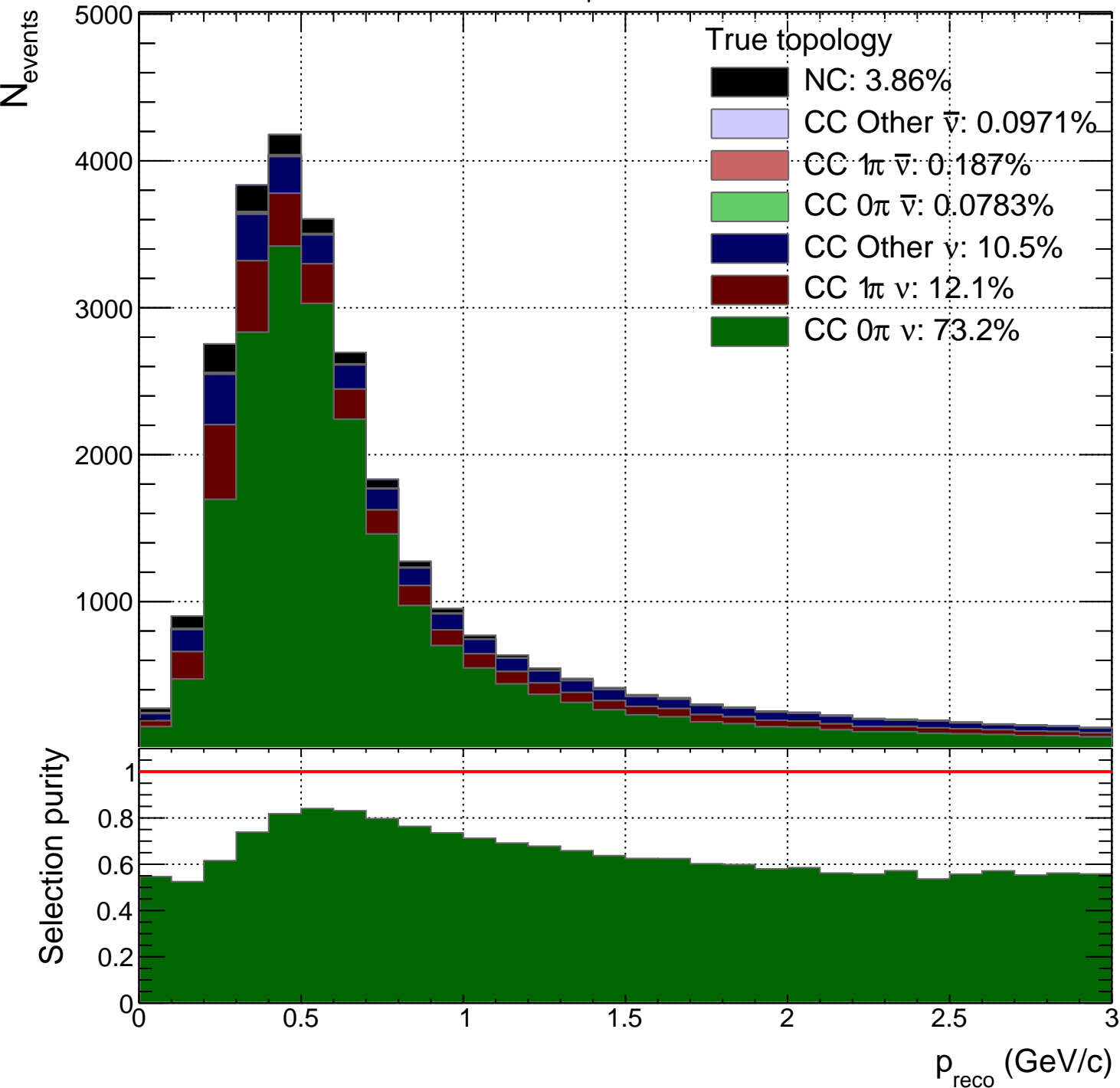
FGD1 ν_μ CC other



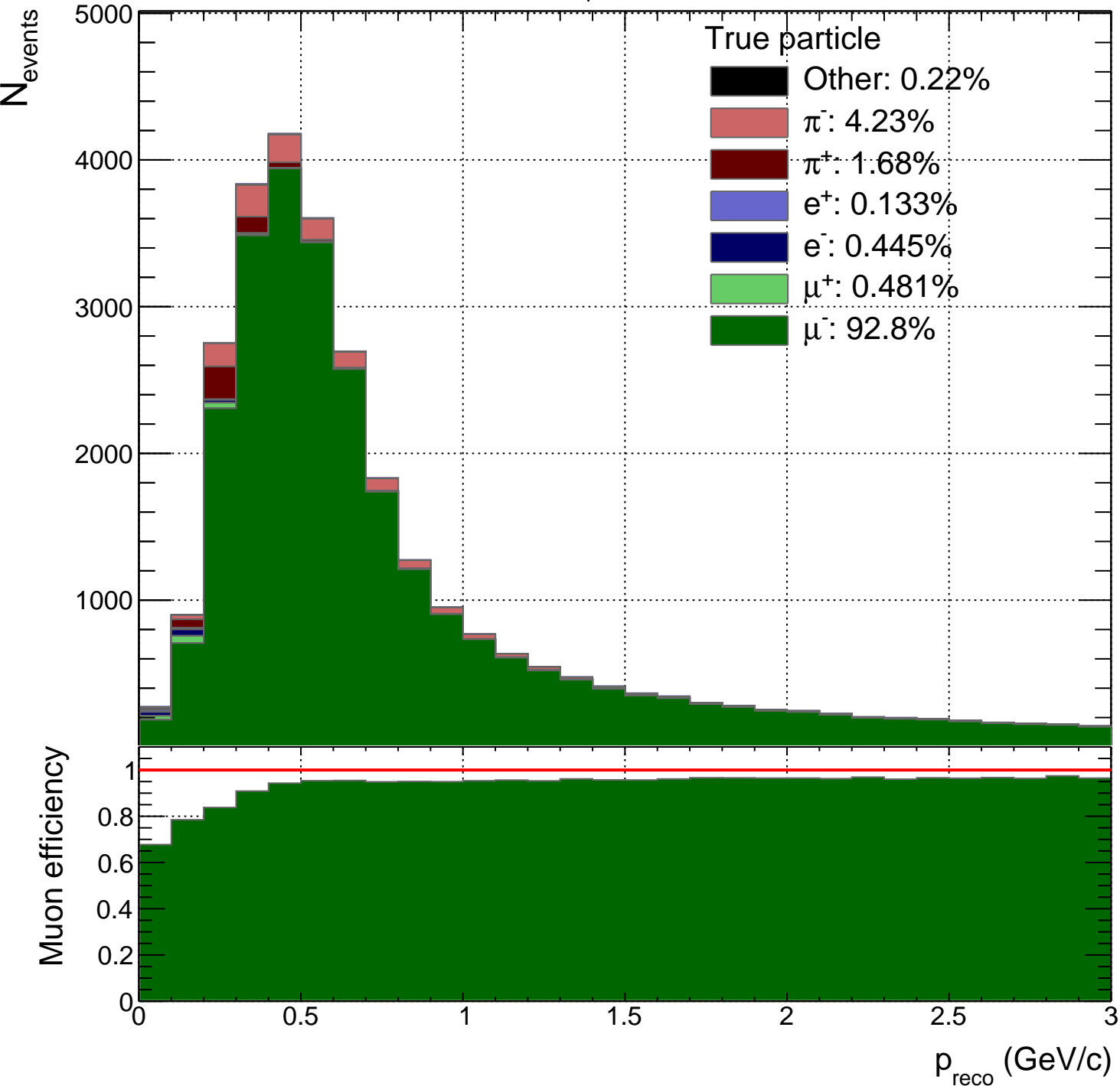
FGD1 ν_μ CC other



FGD2 ν_μ CC 0π

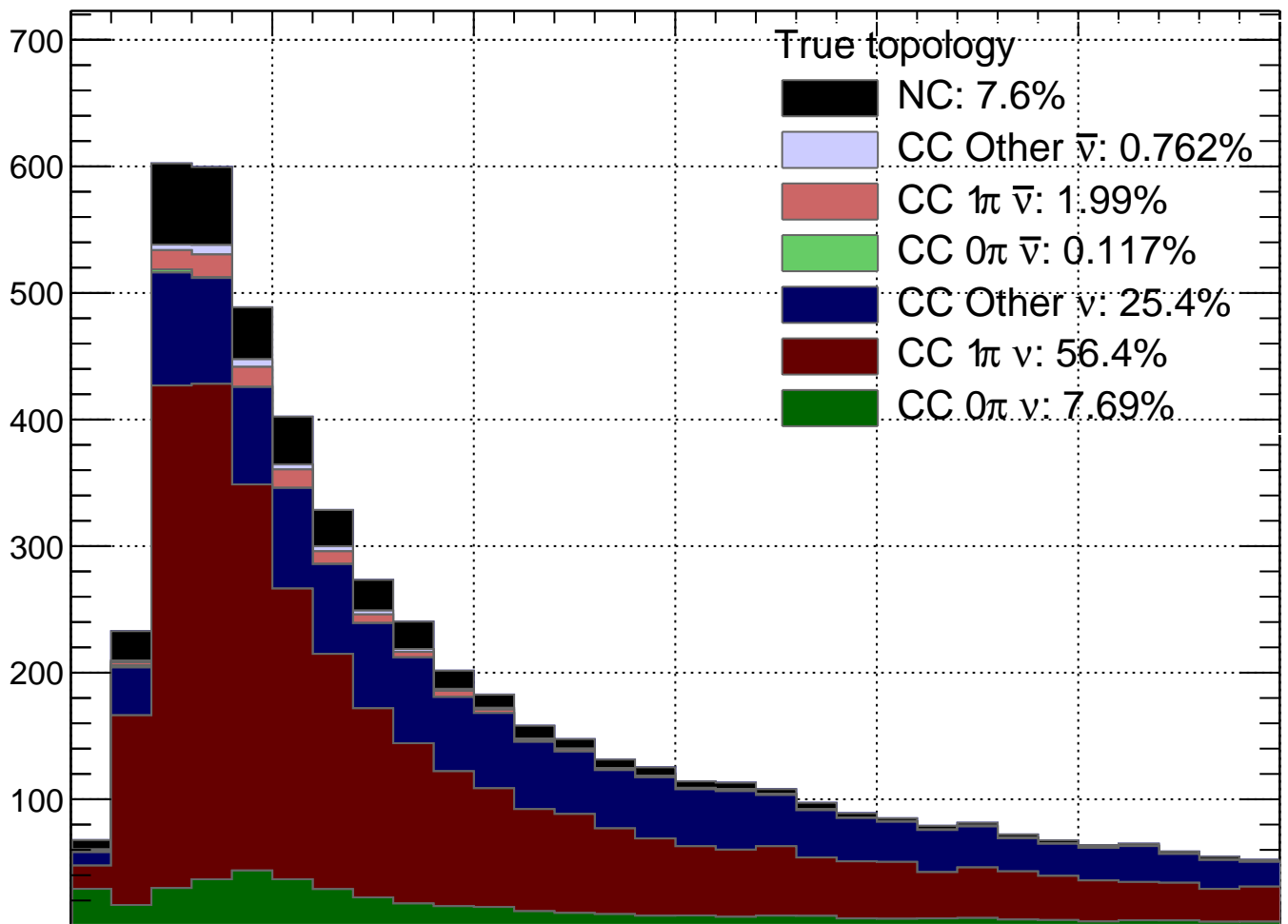


FGD2 ν_μ CC 0π

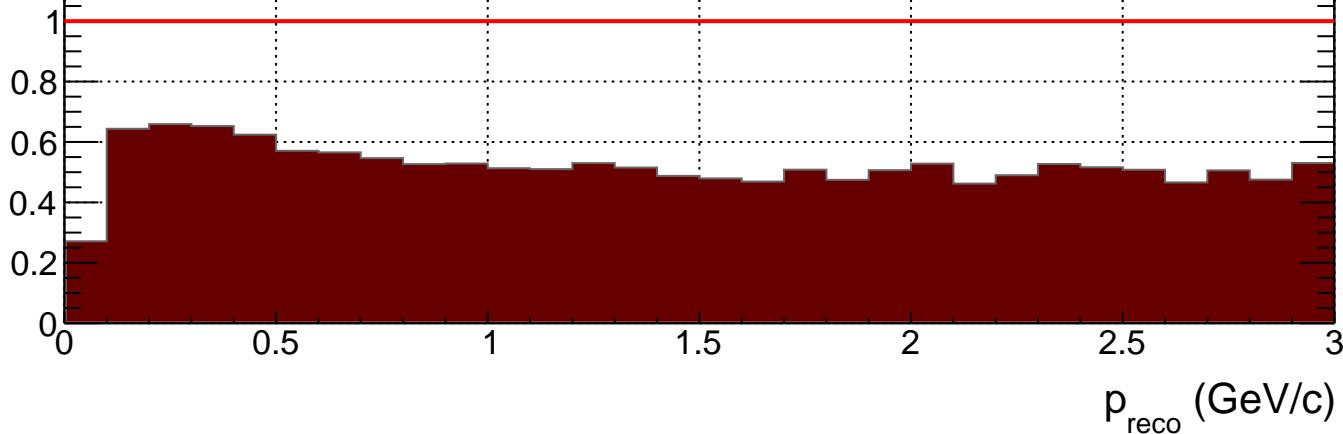


FGD2 ν_μ CC 1π

N_{events}



Selection purity



p_{reco} (GeV/c)

FGD2 ν_μ CC 1π

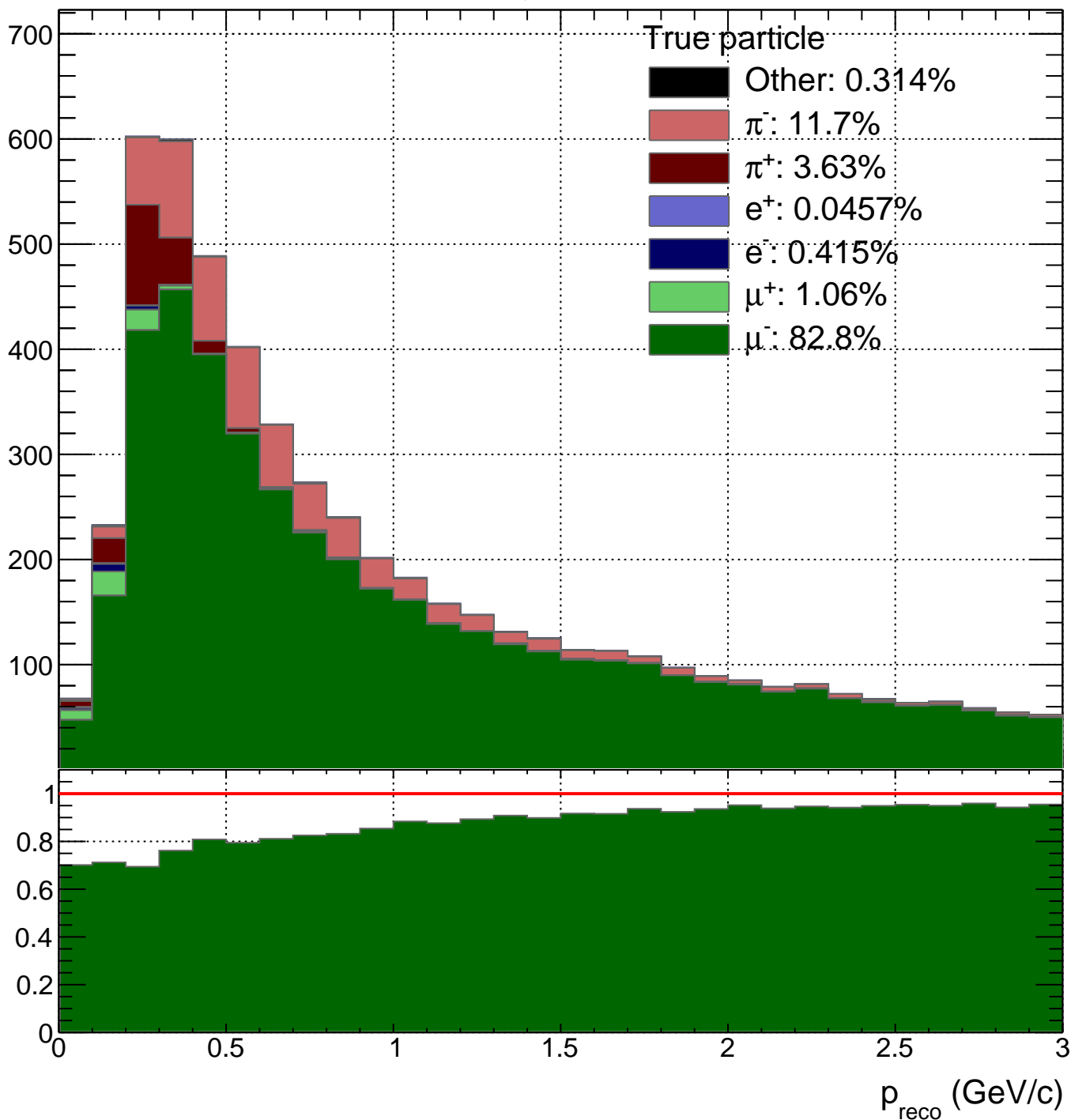
N_{events}

True particle

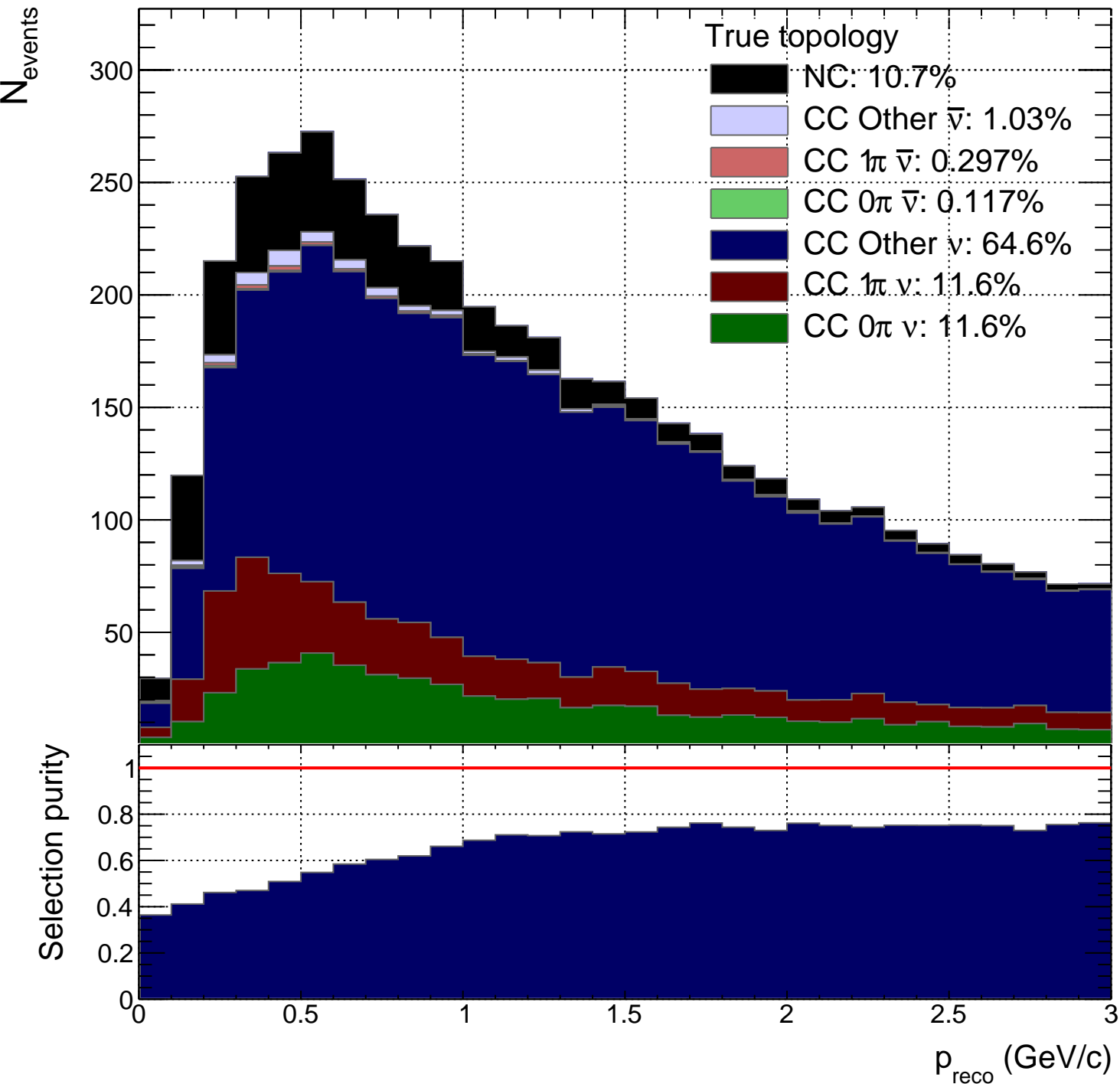
- Other: 0.314%
- π^- : 11.7%
- π^+ : 3.63%
- e^+ : 0.0457%
- e^- : 0.415%
- μ^+ : 1.06%
- μ^- : 82.8%

Muon efficiency

p_{reco} (GeV/c)

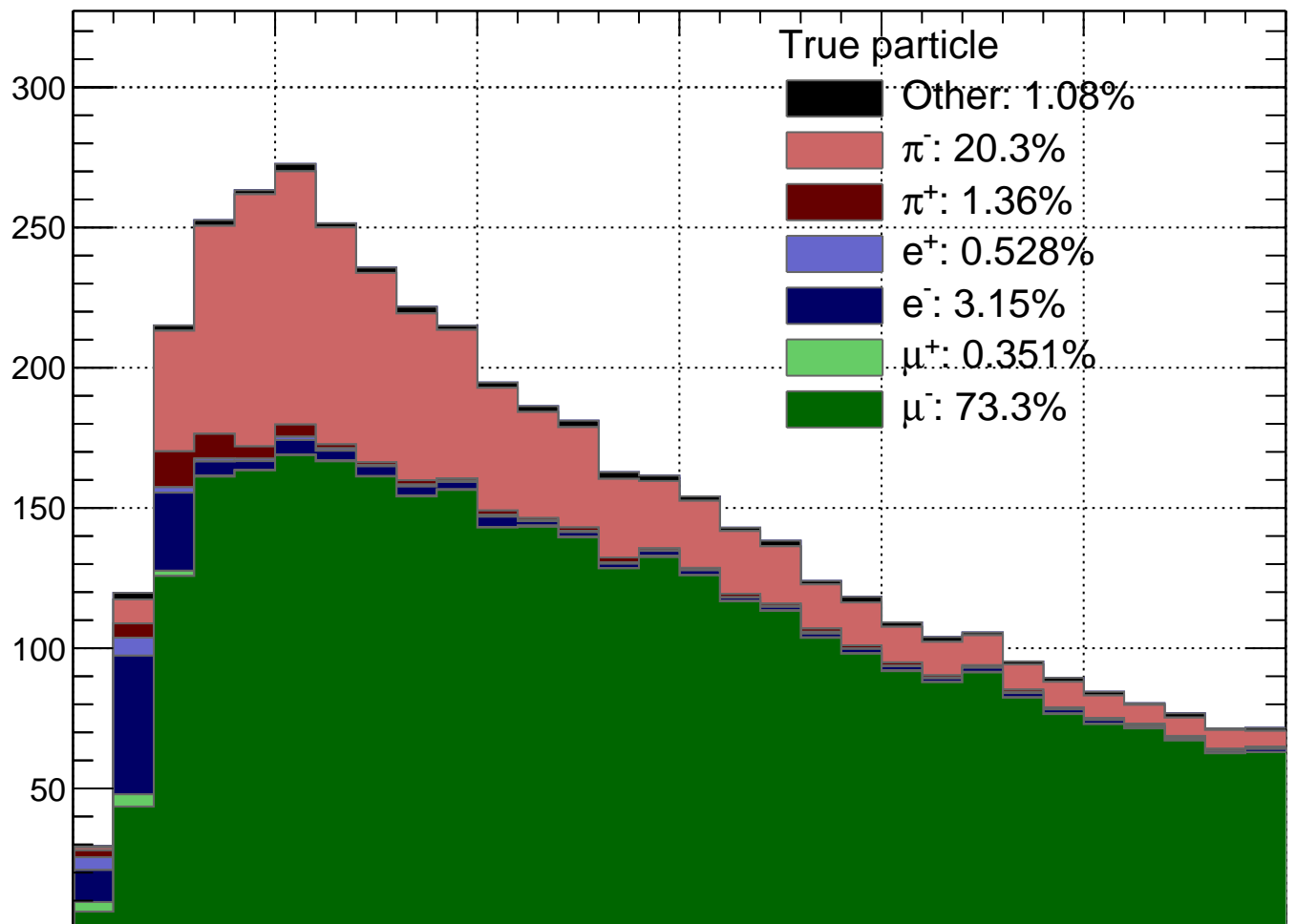


FGD2 ν_μ CC other

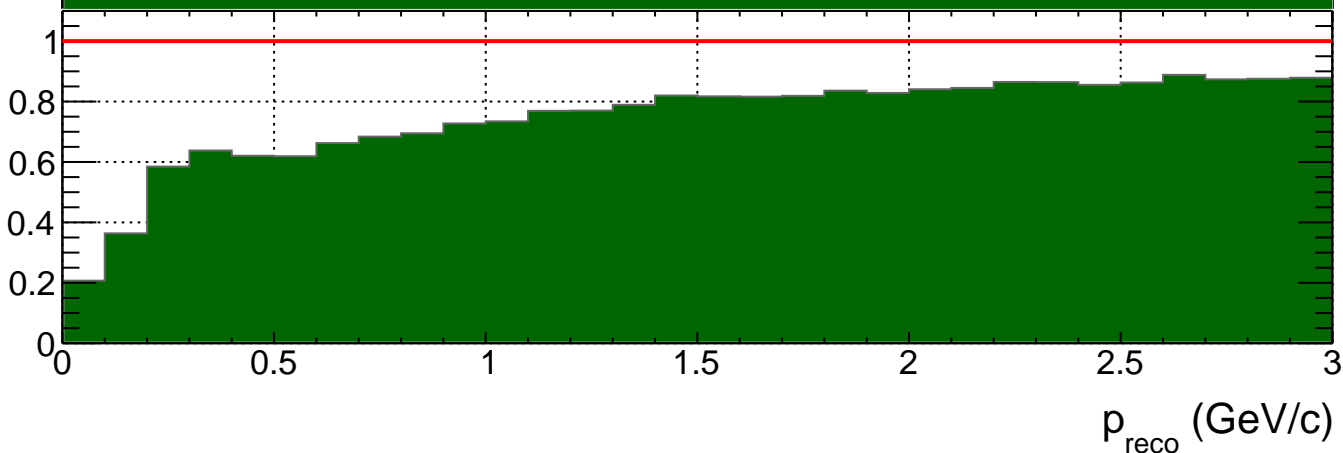


FGD2 ν_μ CC other

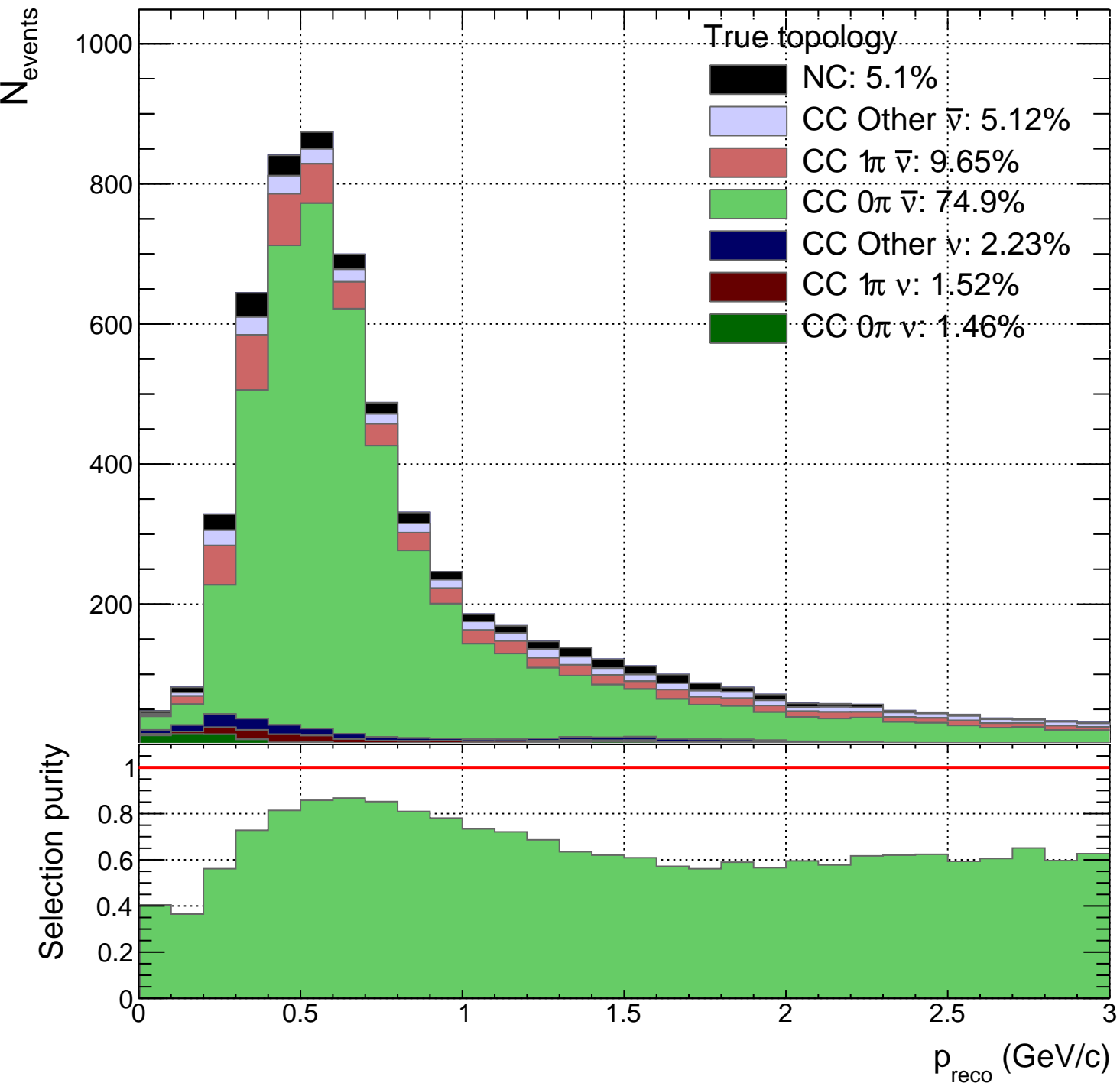
N_{events}



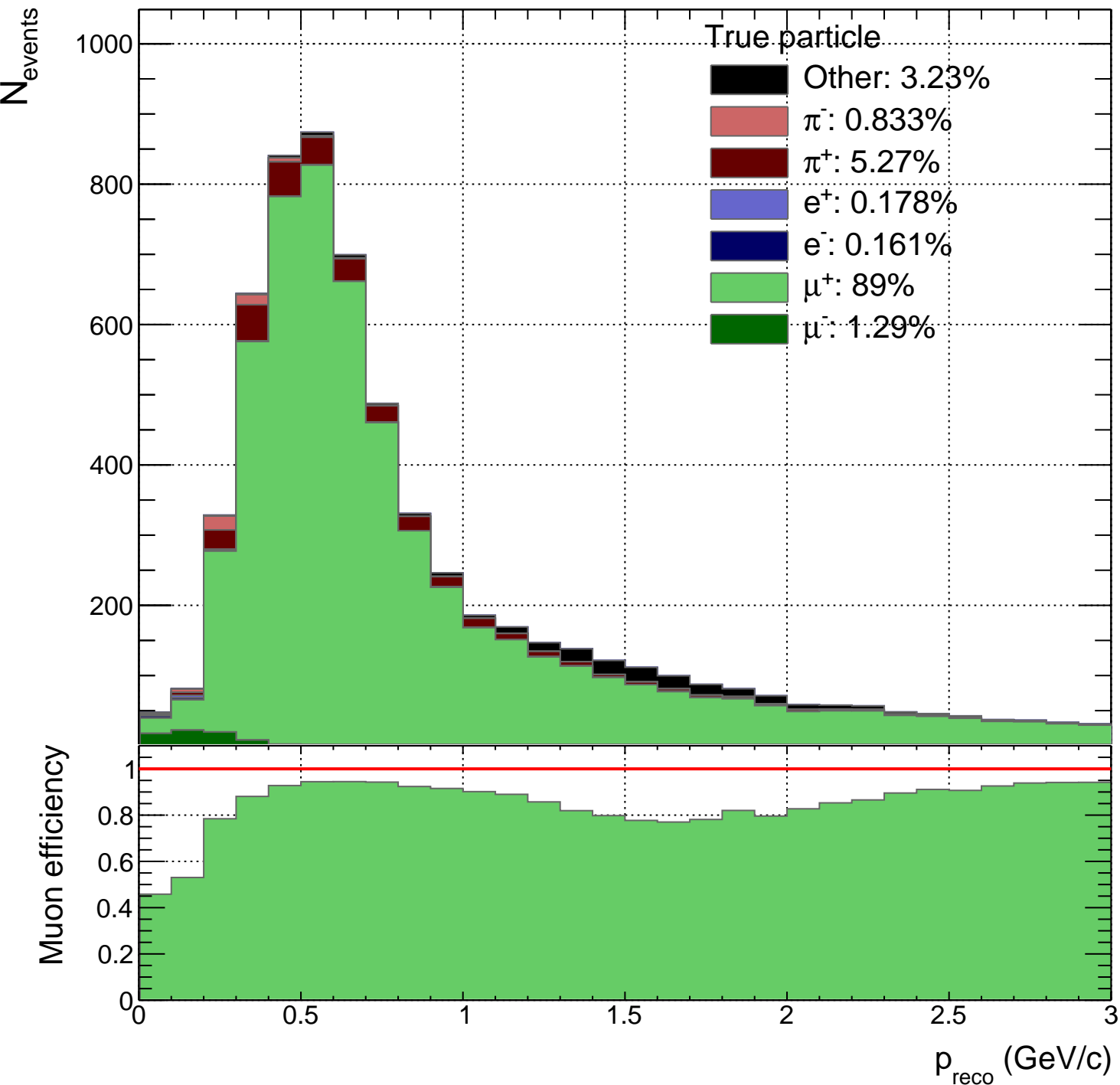
Muon efficiency



FGD1 anti- ν_μ CC 0π



FGD1 anti- ν_μ CC 0π



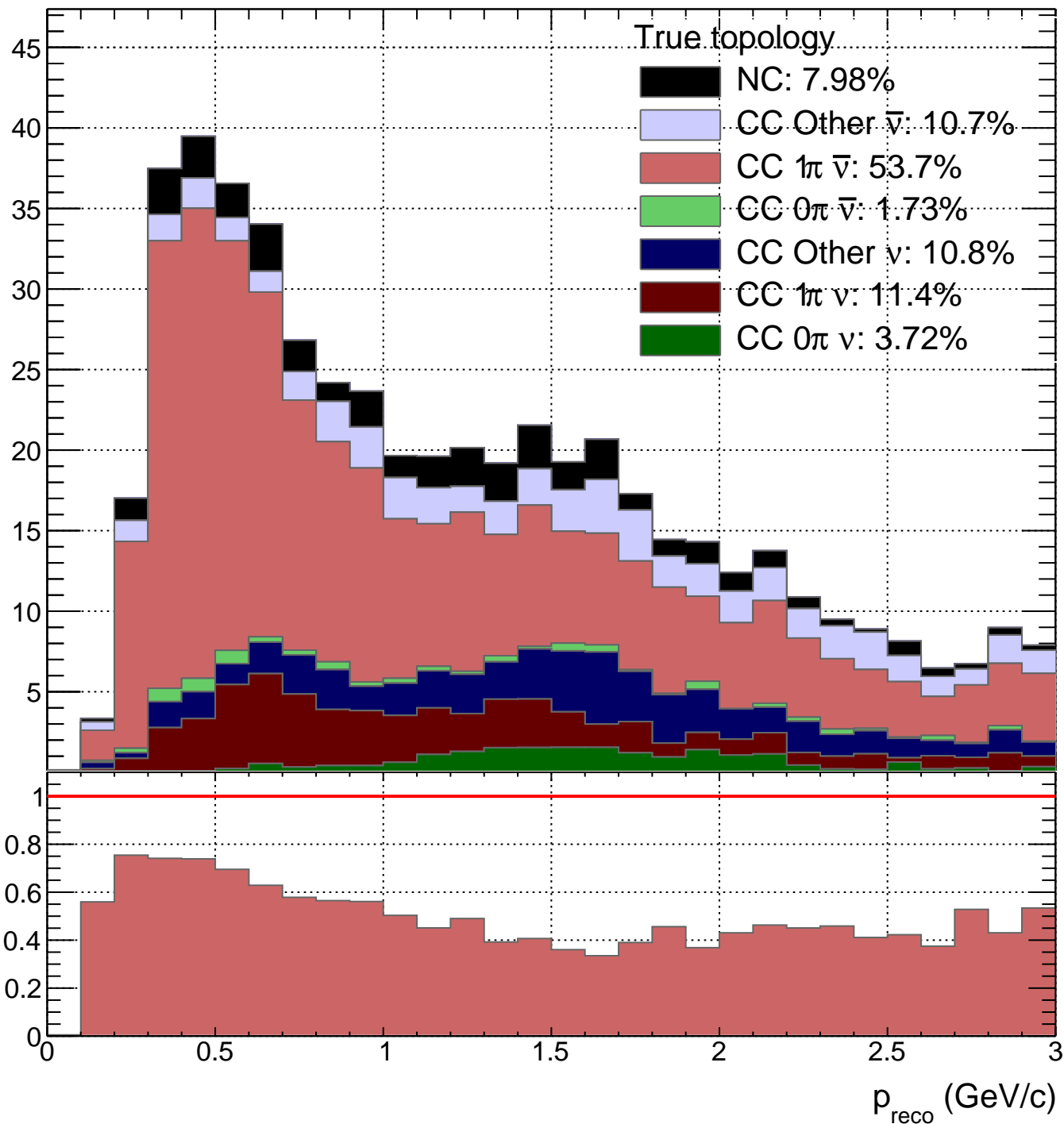
FGD1 anti- ν_μ CC 1π

N_{events}

Selection purity

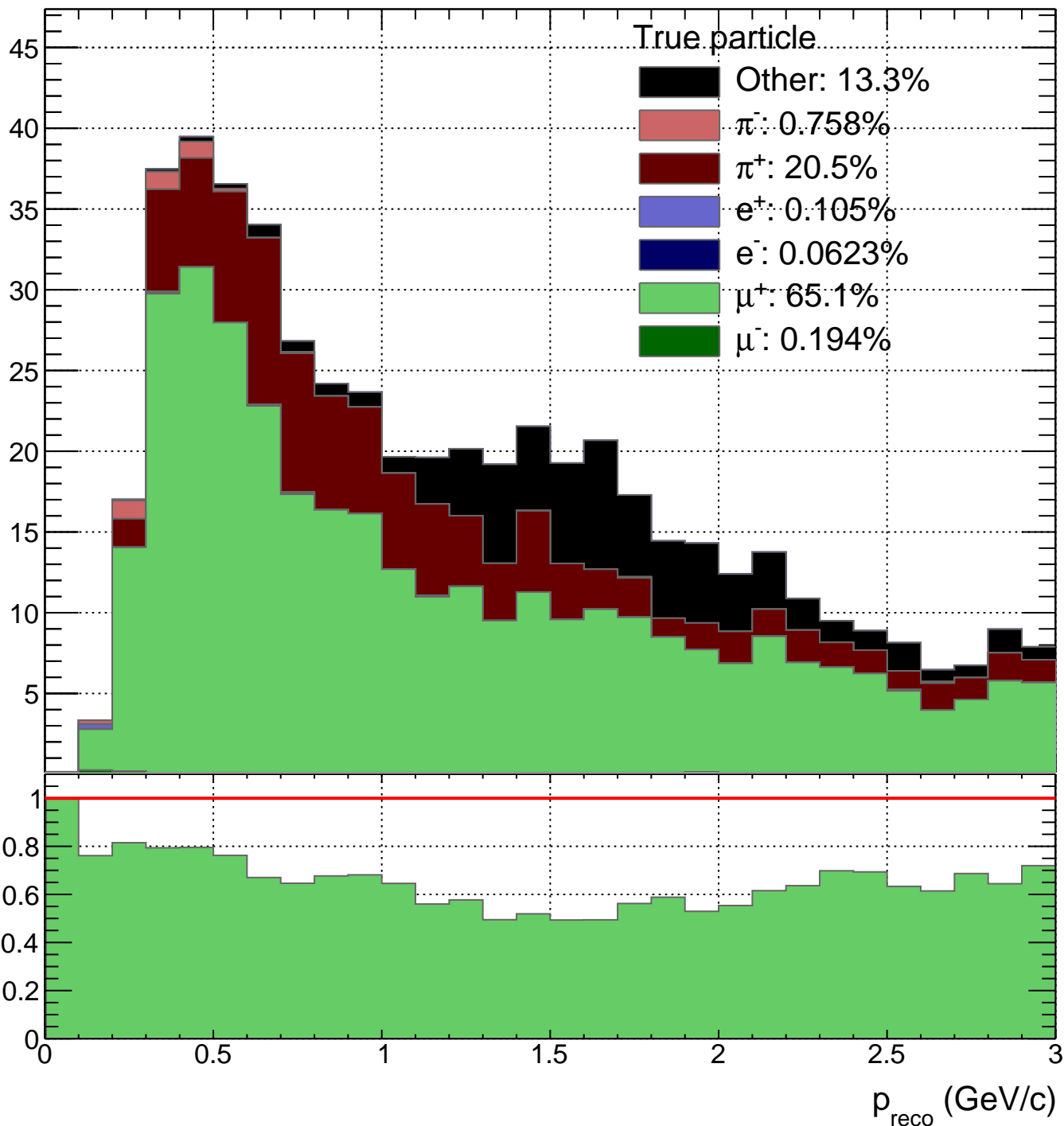
True topology

- NC: 7.98%
- CC Other $\bar{\nu}$: 10.7%
- CC $1\pi \bar{\nu}$: 53.7%
- CC $0\pi \bar{\nu}$: 1.73%
- CC Other ν : 10.8%
- CC $1\pi \nu$: 11.4%
- CC $0\pi \nu$: 3.72%



FGD1 anti- ν_μ CC 1π

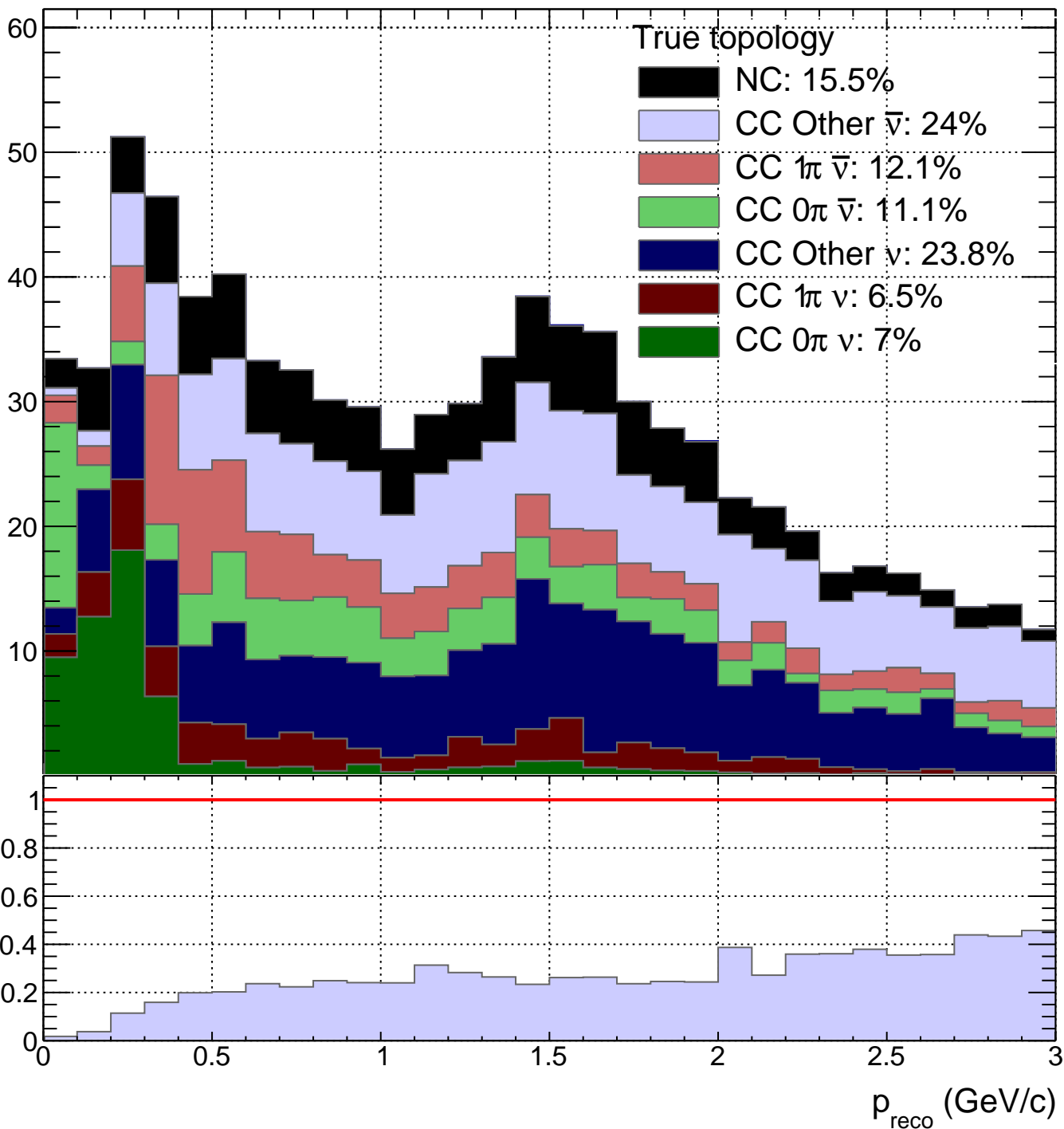
N_{events}



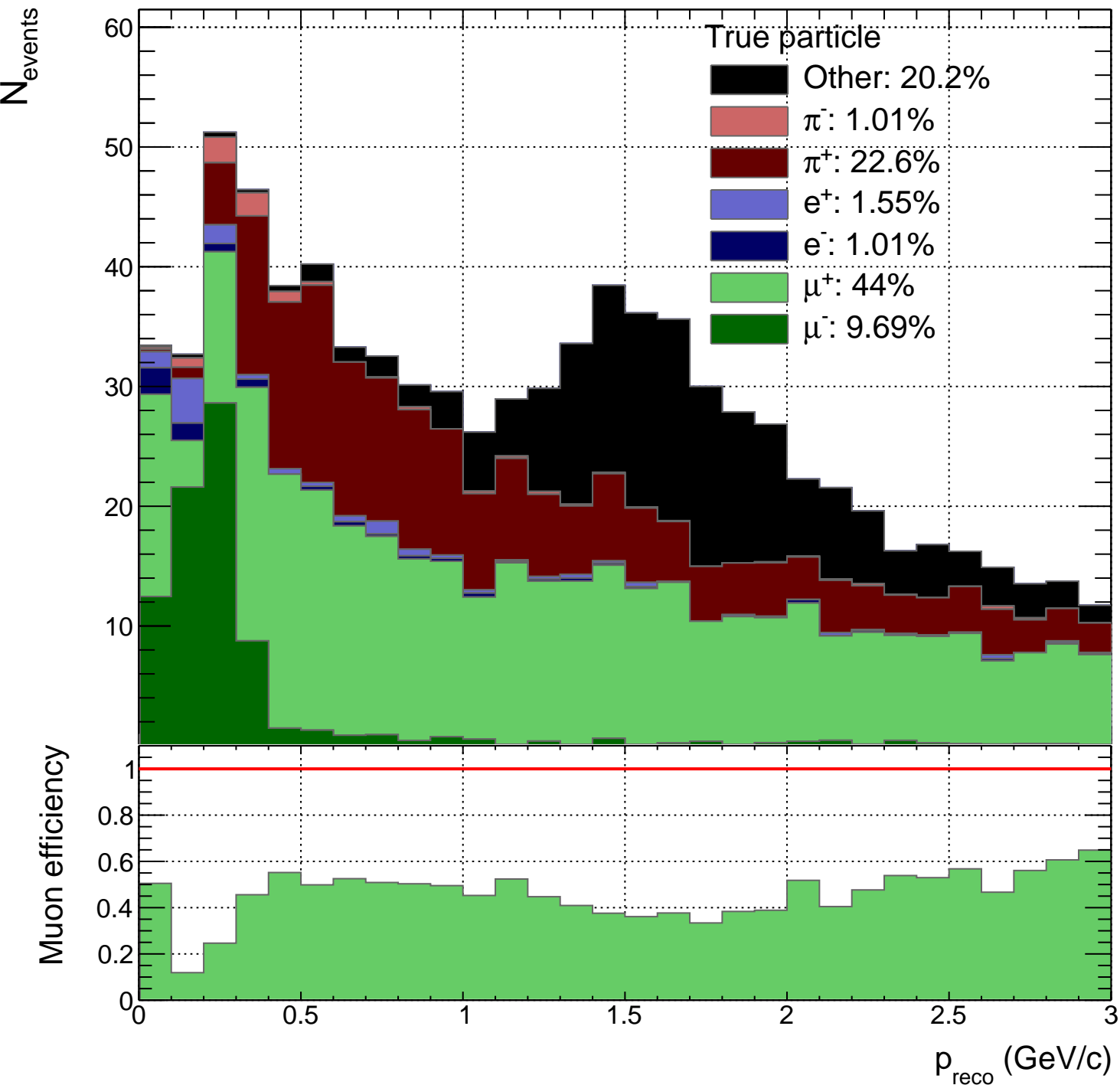
FGD1 anti- ν_μ CC other

N_{events}

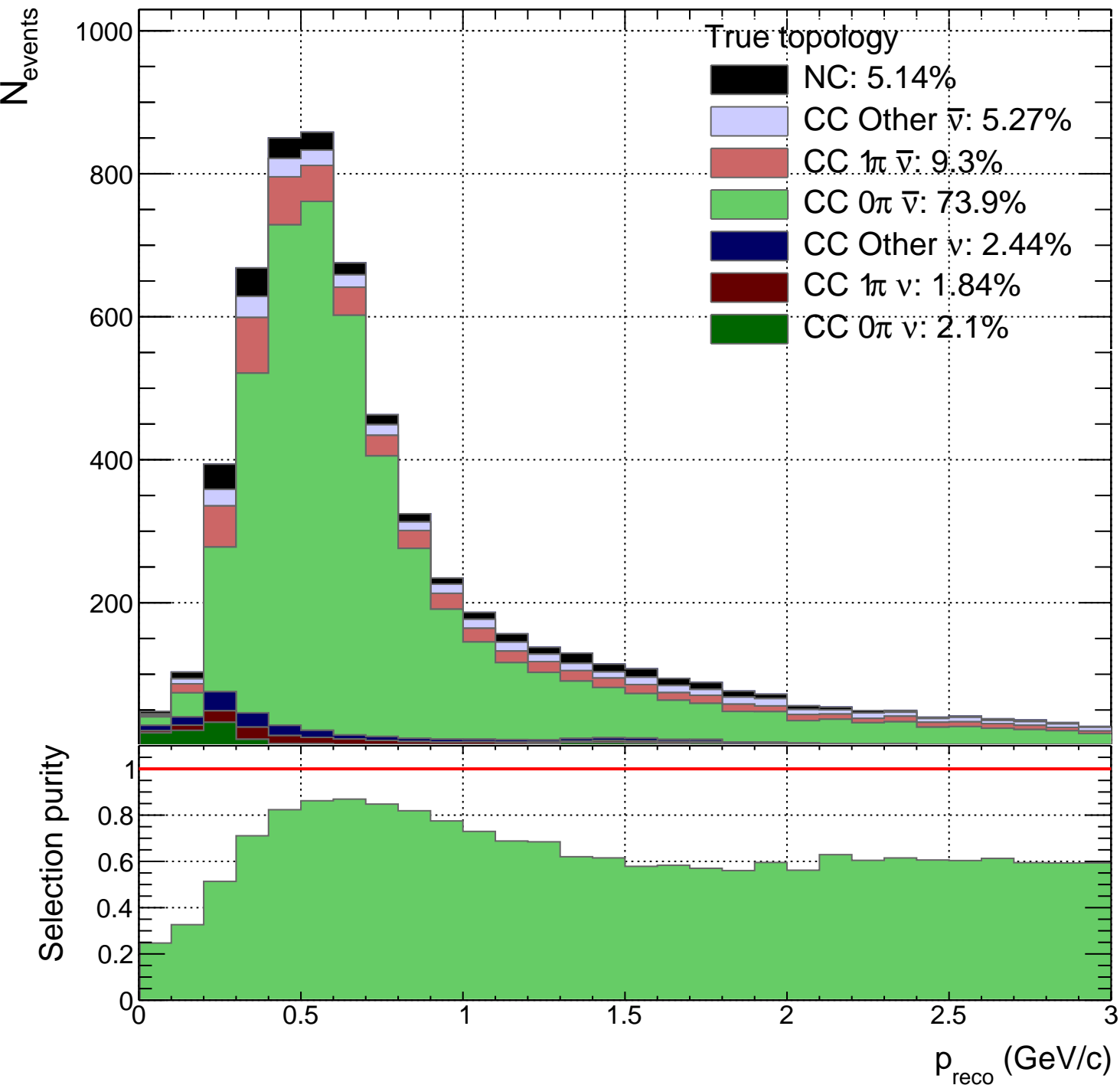
Selection purity



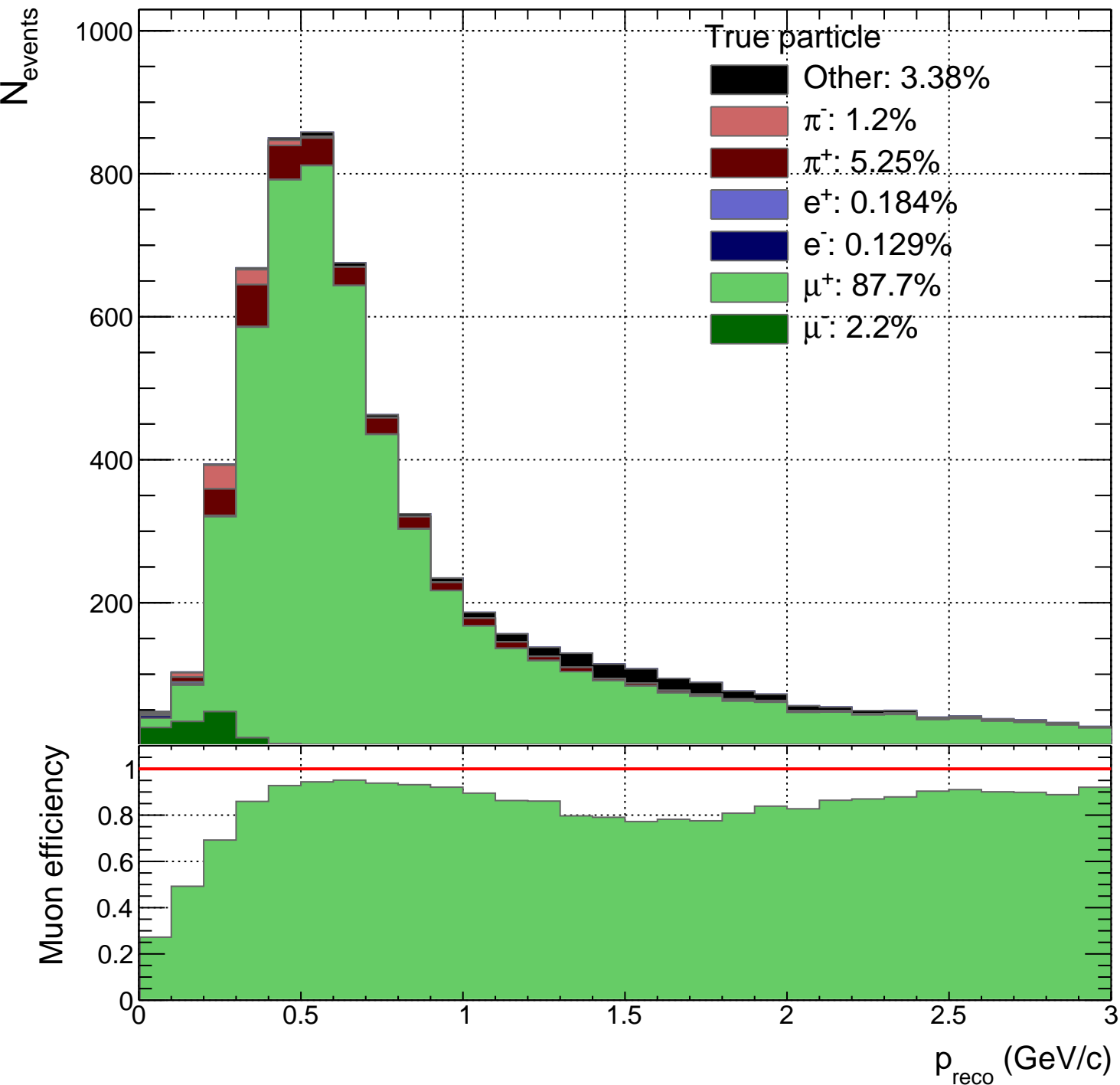
FGD1 anti- ν_μ CC other



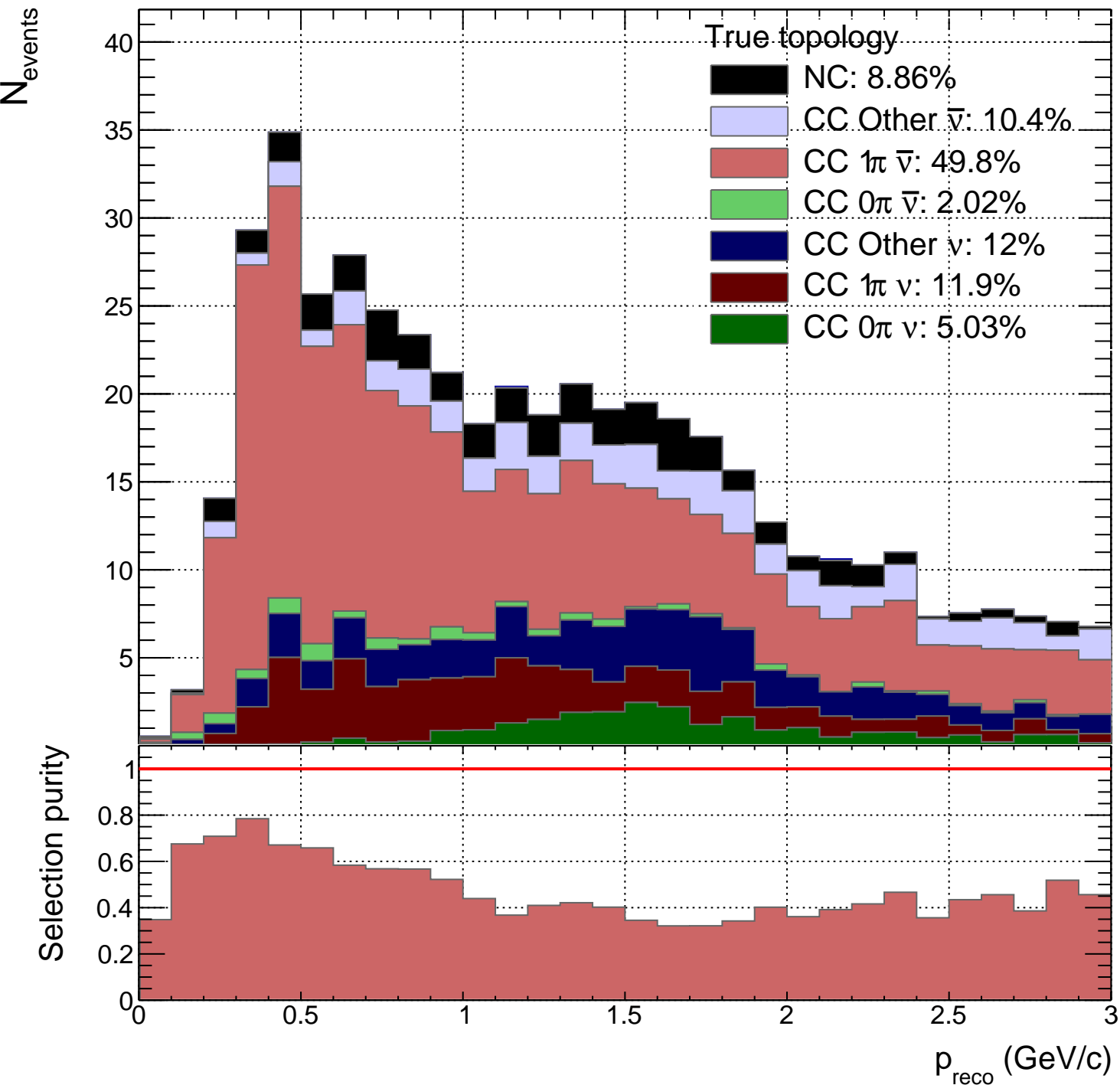
FGD2 anti- ν_μ CC 0π



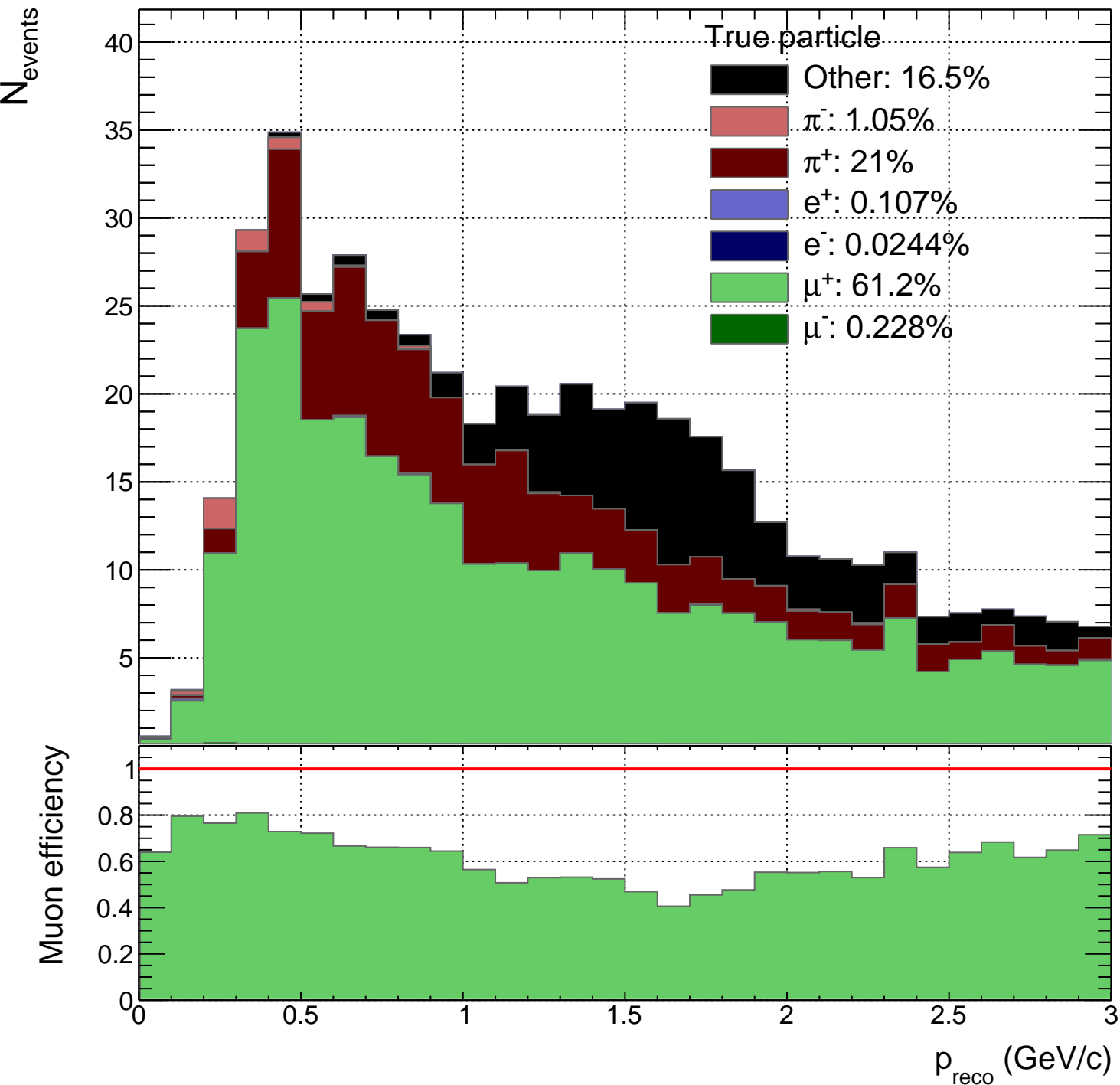
FGD2 anti- ν_μ CC 0π



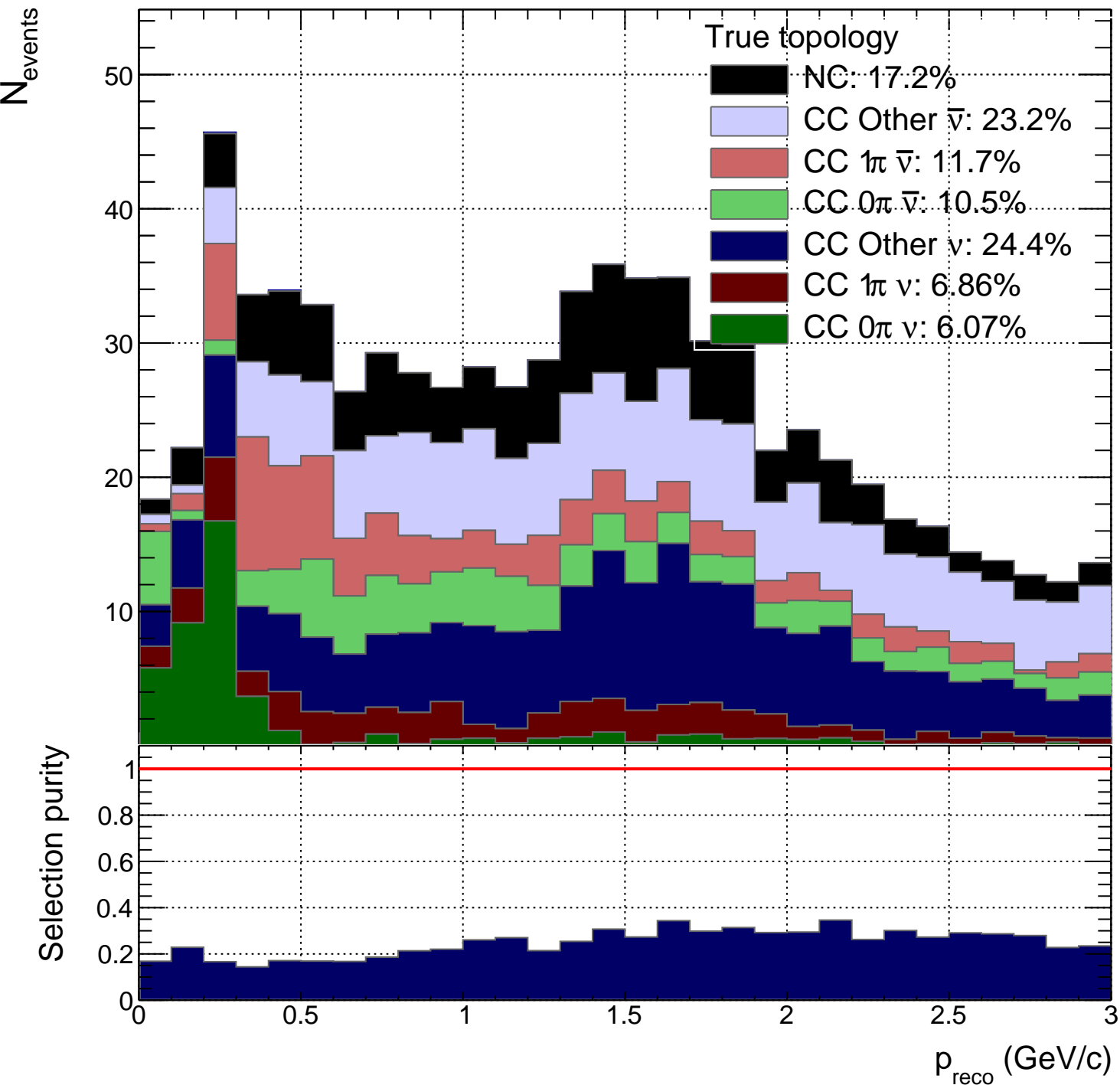
FGD2 anti- ν_μ CC 1π



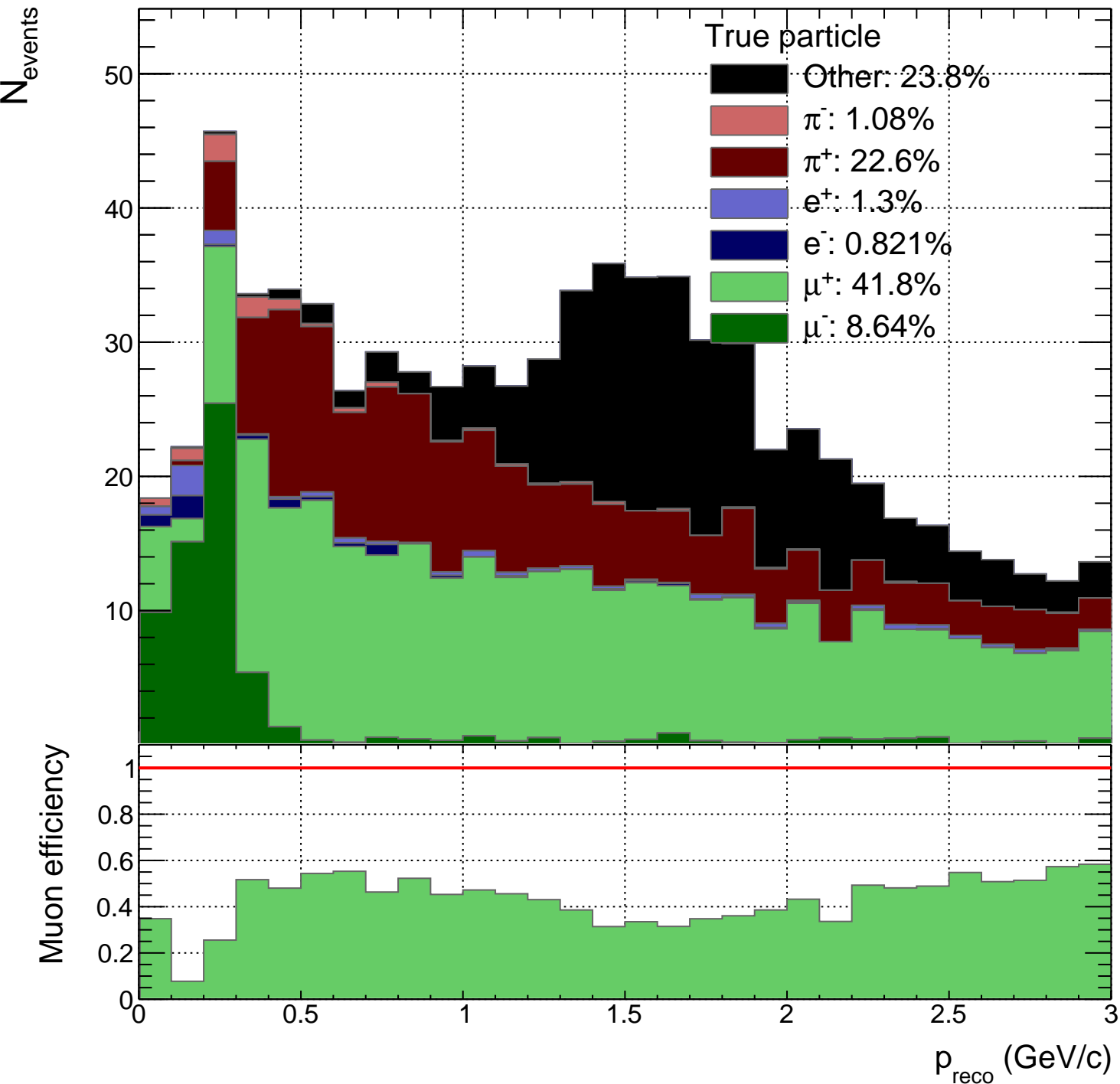
FGD2 anti- ν_μ CC 1π



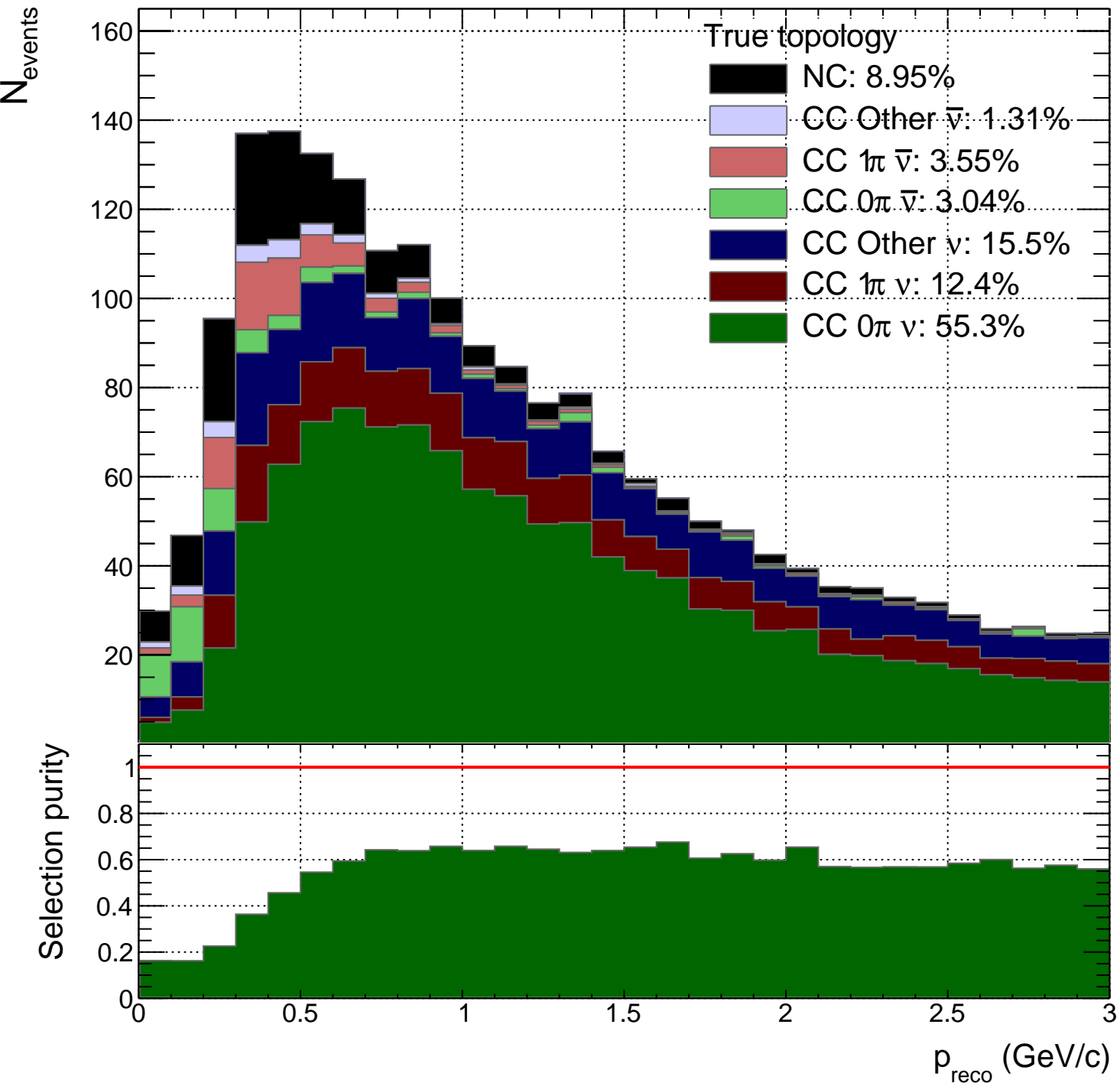
FGD2 anti- ν_μ CC other



FGD2 anti- ν_μ CC other

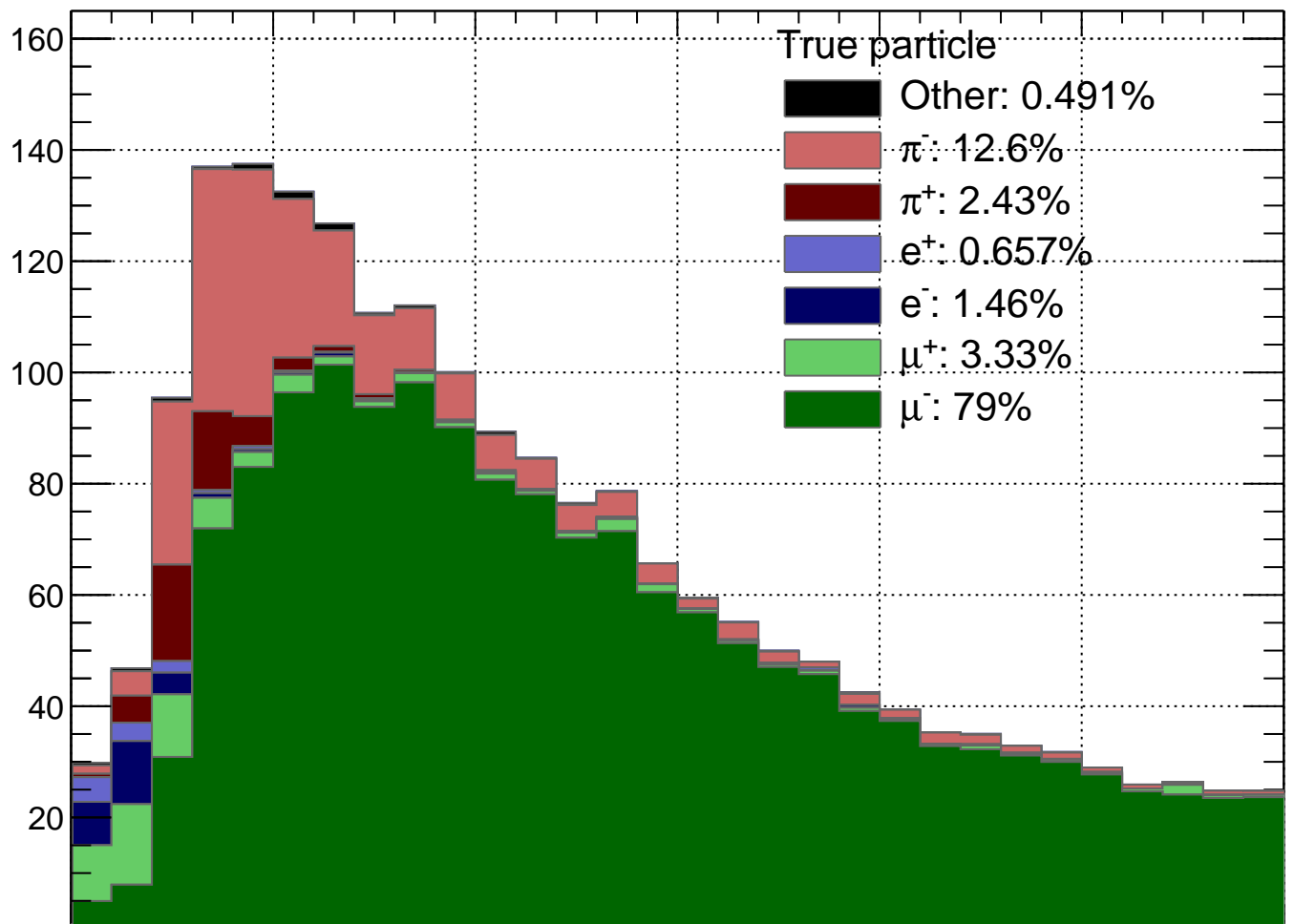


FGD1 ν_μ RHC CC0 π

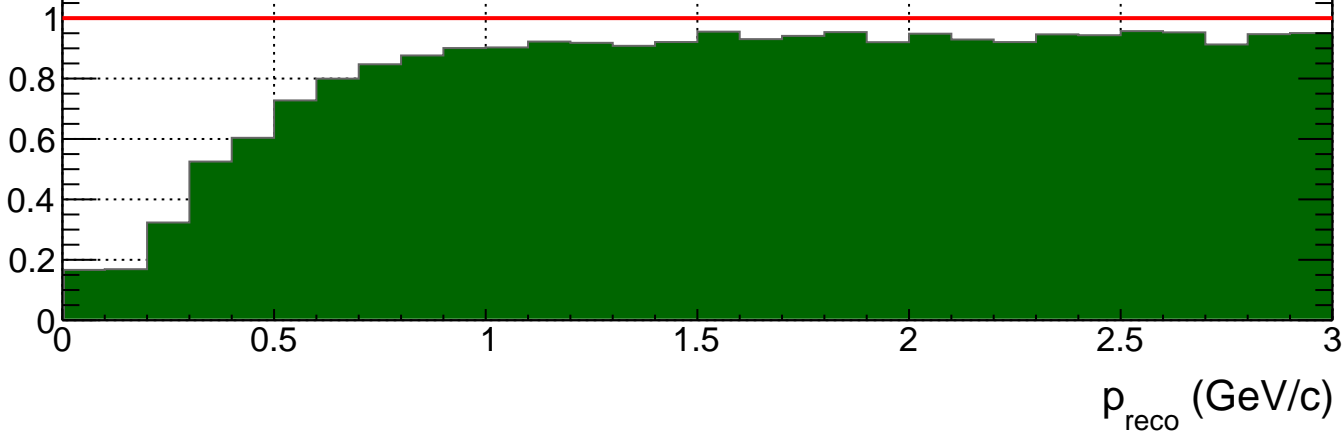


FGD1 ν_μ RHC CC0 π

N_{events}



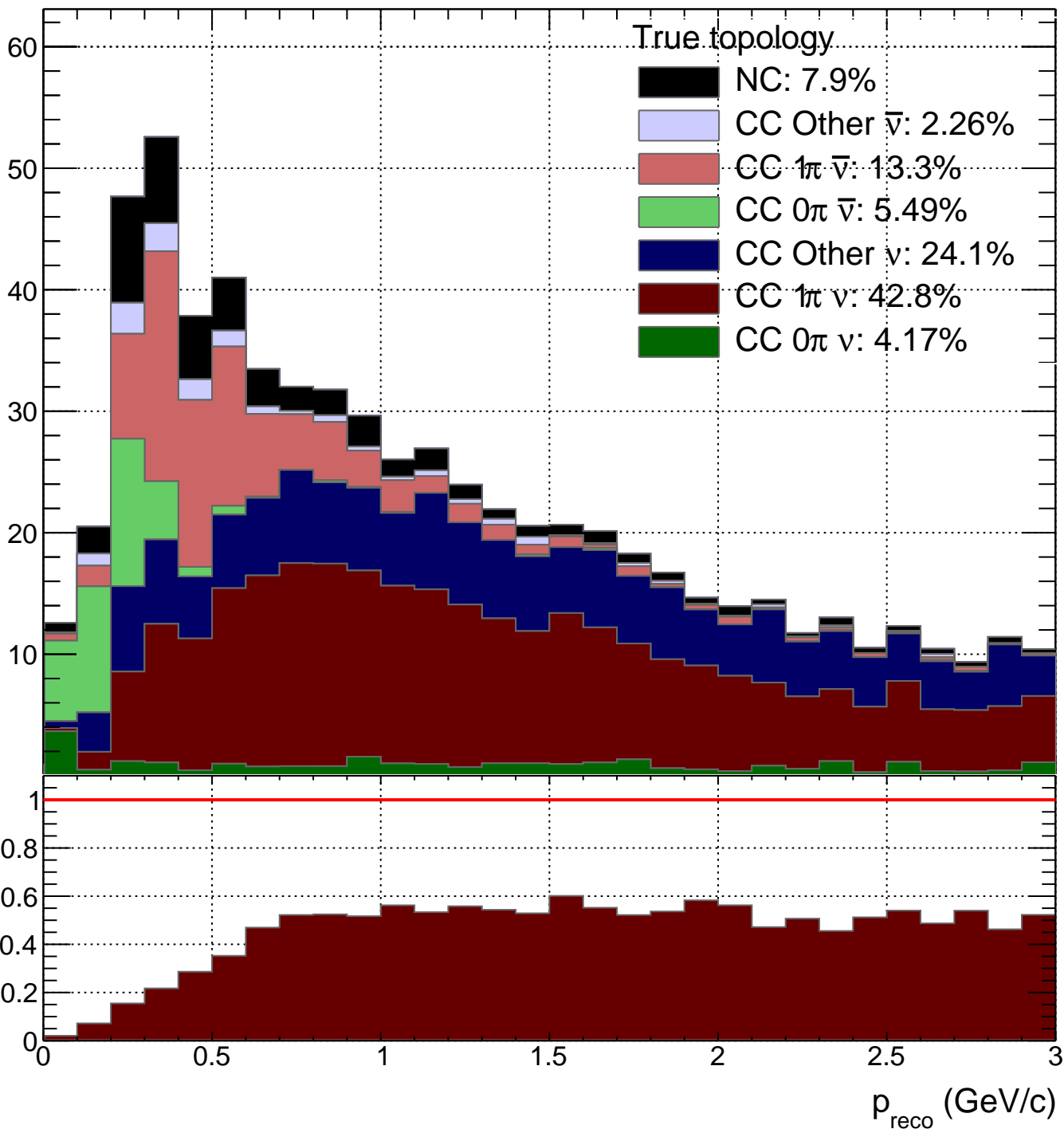
Muon efficiency



FGD1 ν_μ RHC CC1 π

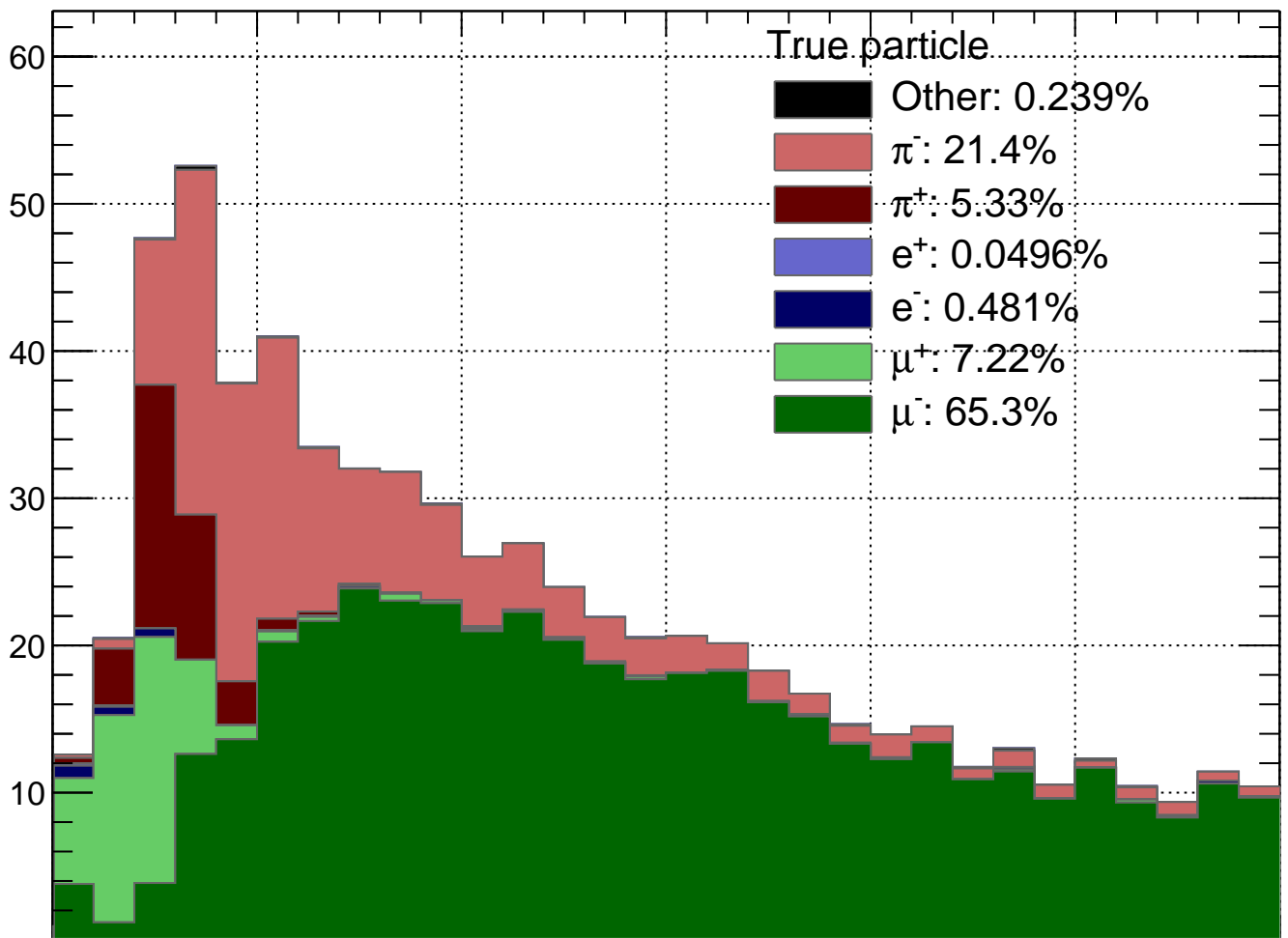
N_{events}

Selection purity

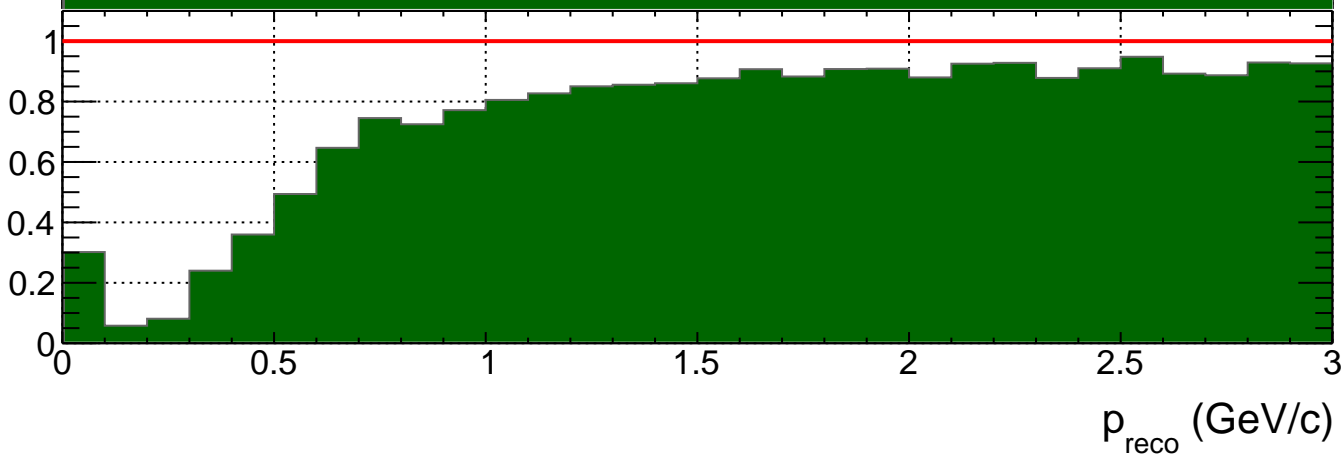


FGD1 ν_μ RHC CC1 π

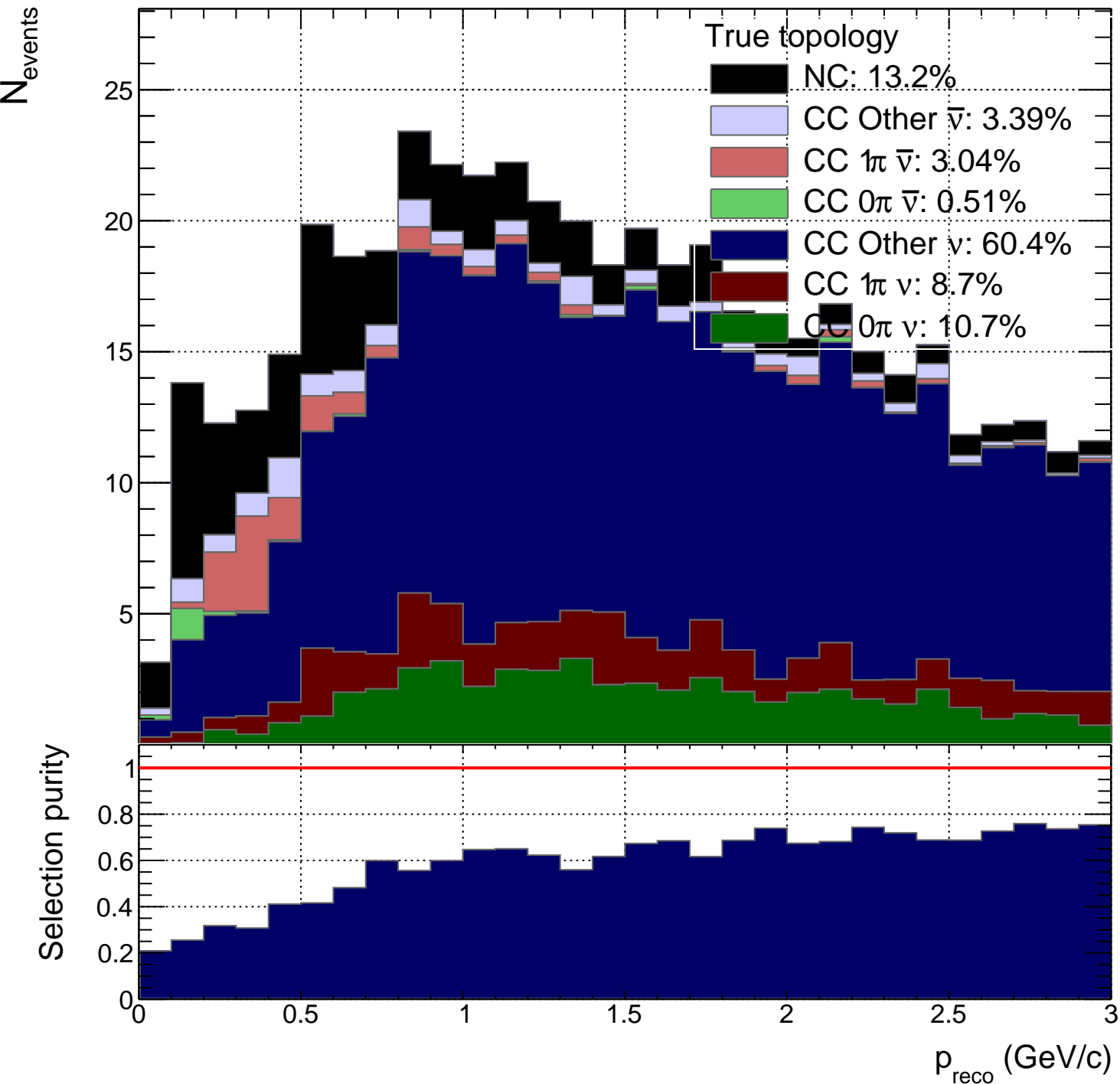
N_{events}



Muon efficiency

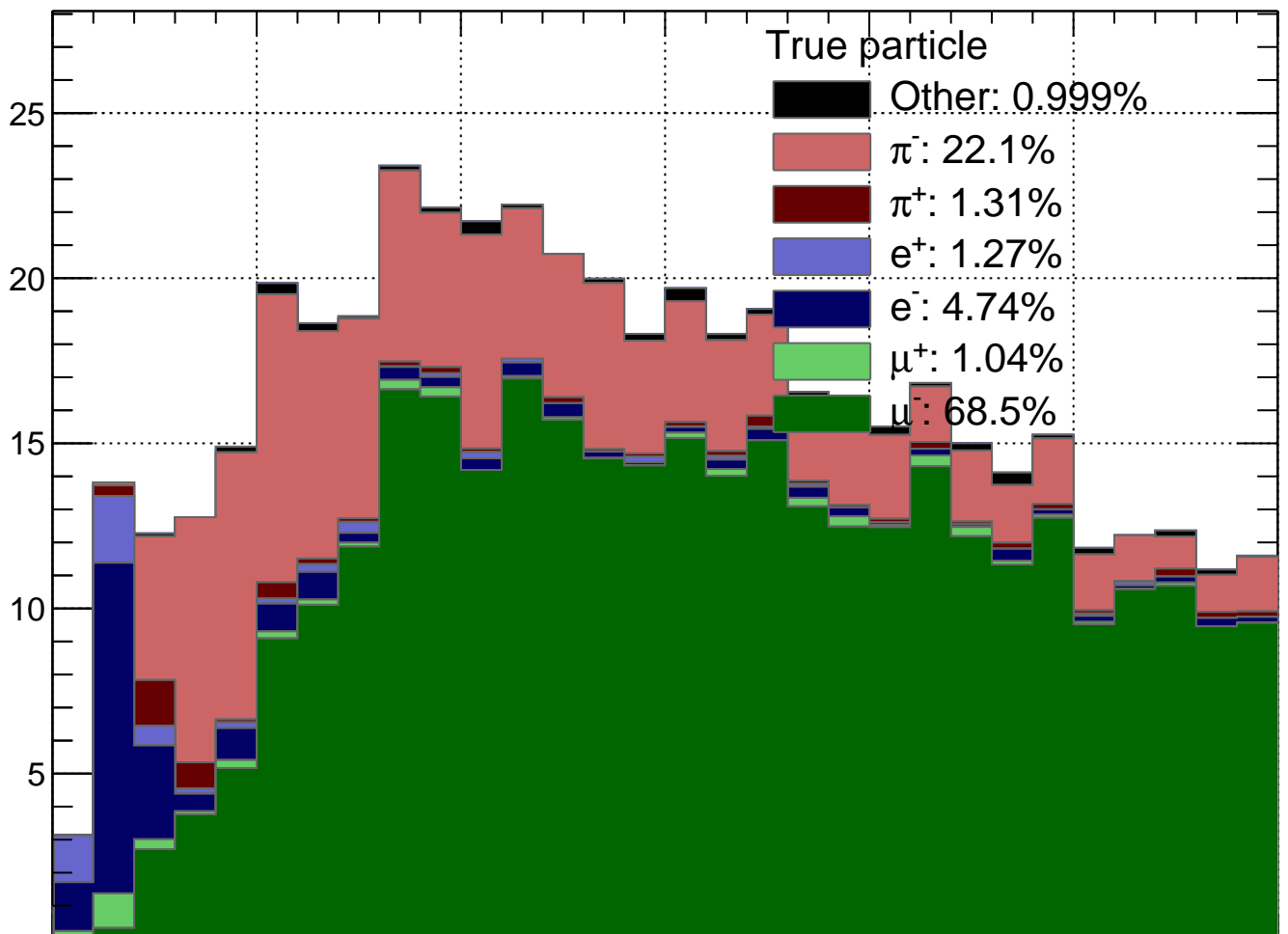


FGD1 ν_μ RHC CCoher

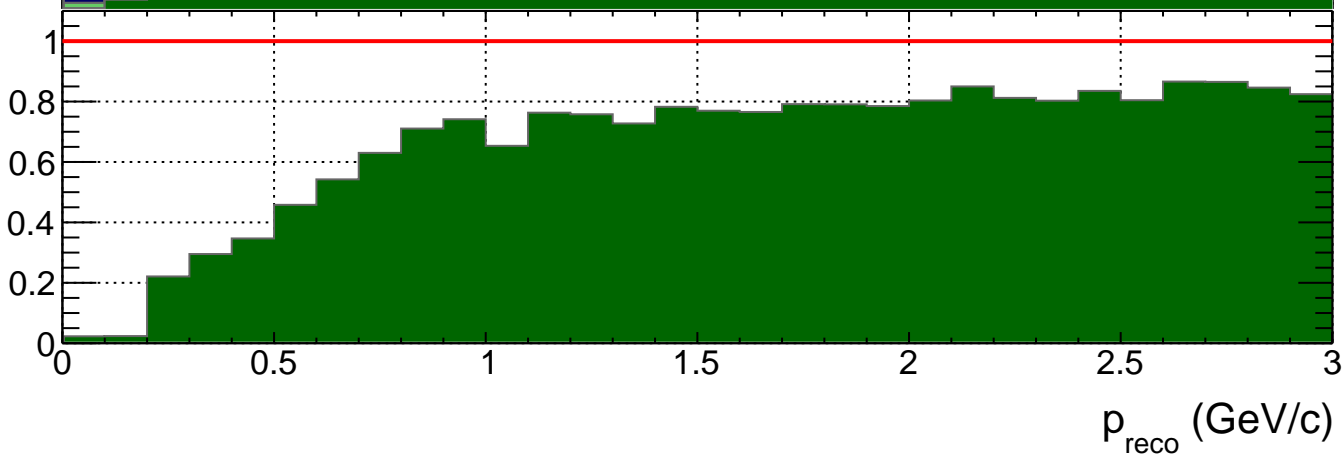


FGD1 ν_μ RHC CCoher

N_{events}

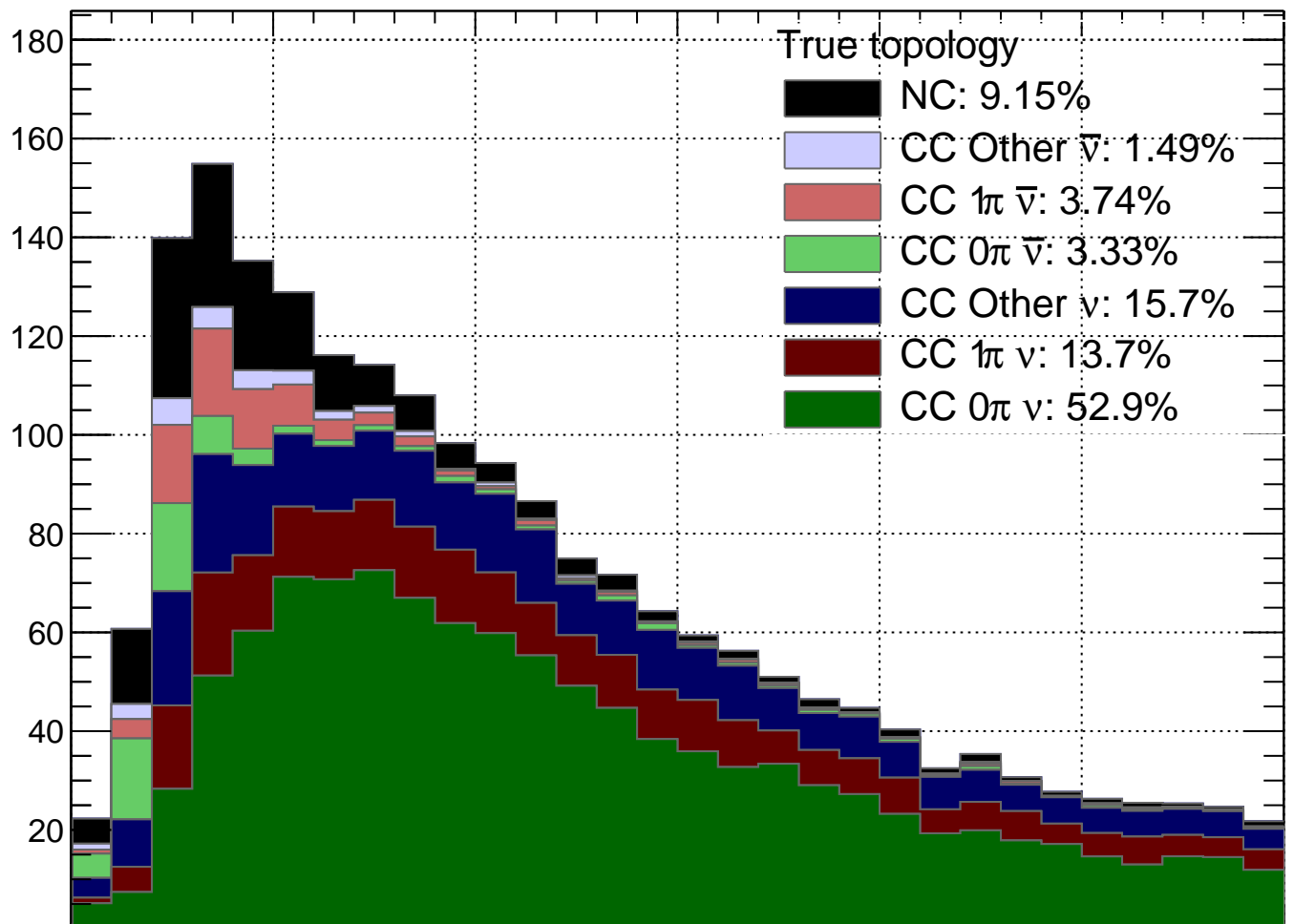


Muon efficiency

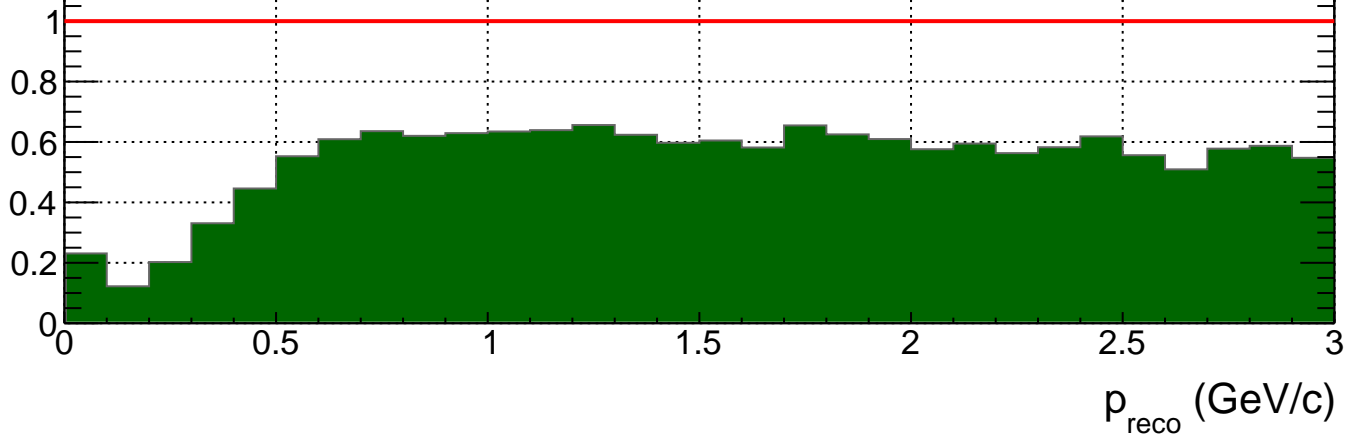


FGD2 ν_μ RHC CC0 π

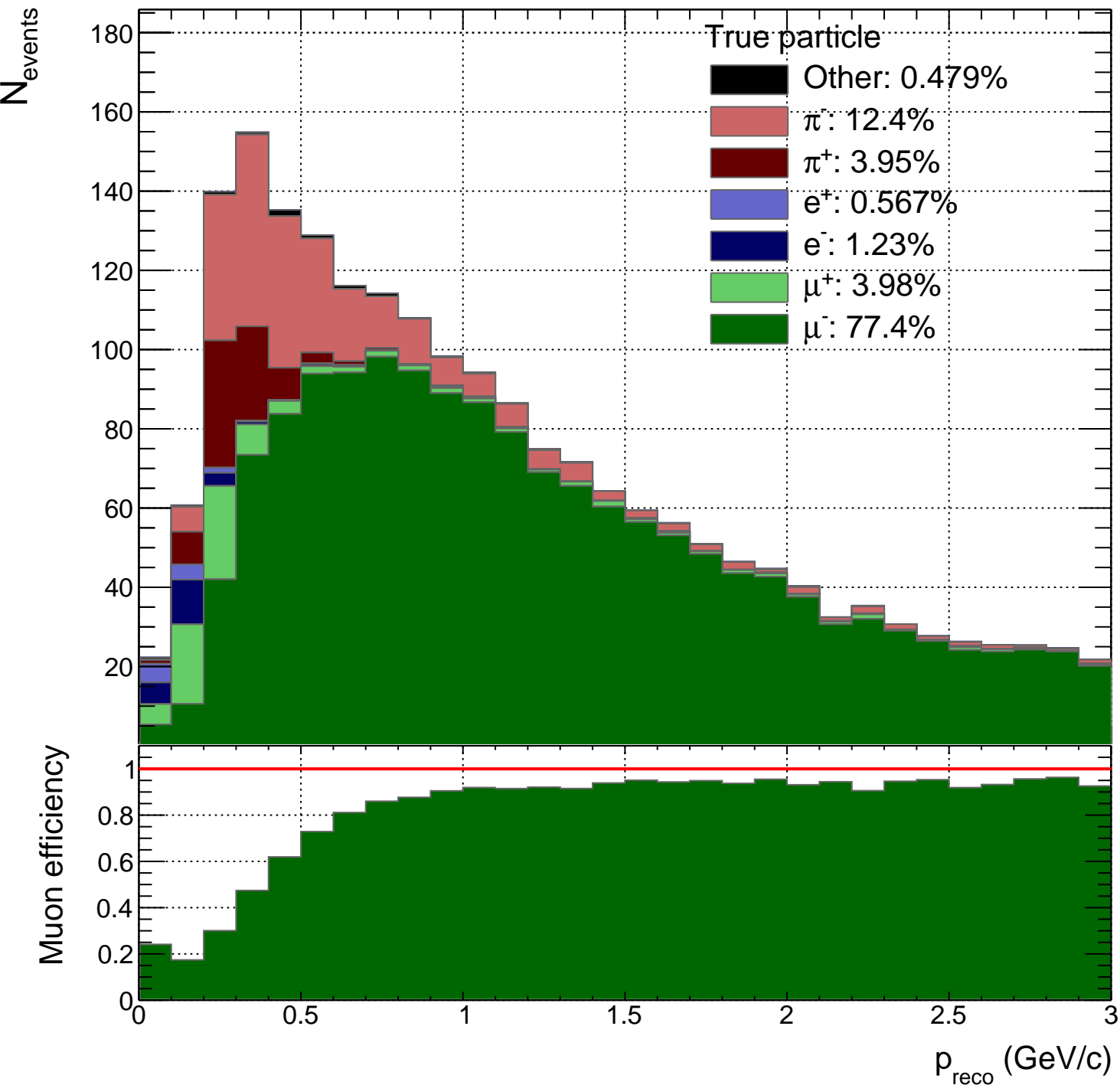
N_{events}



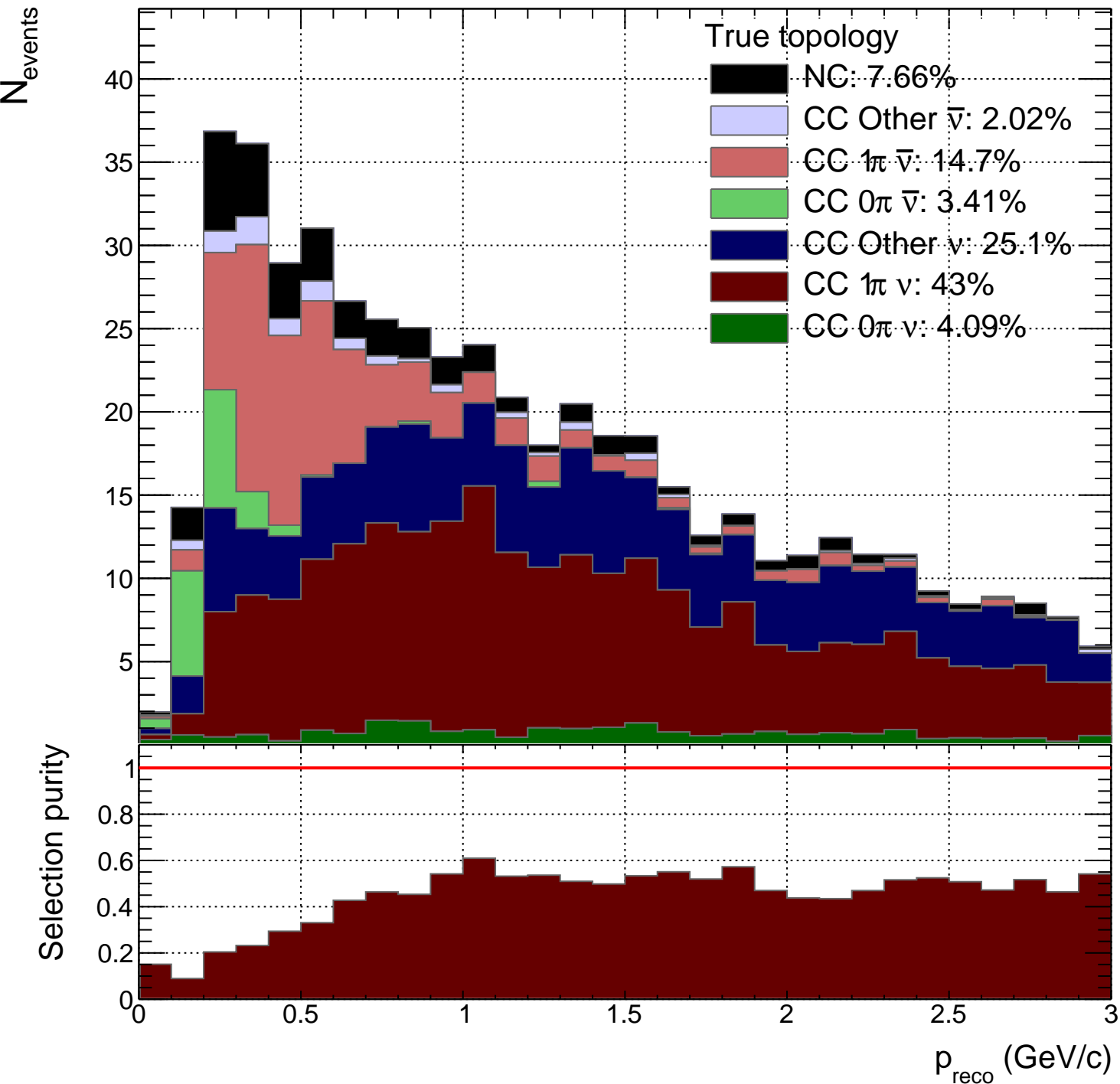
Selection purity



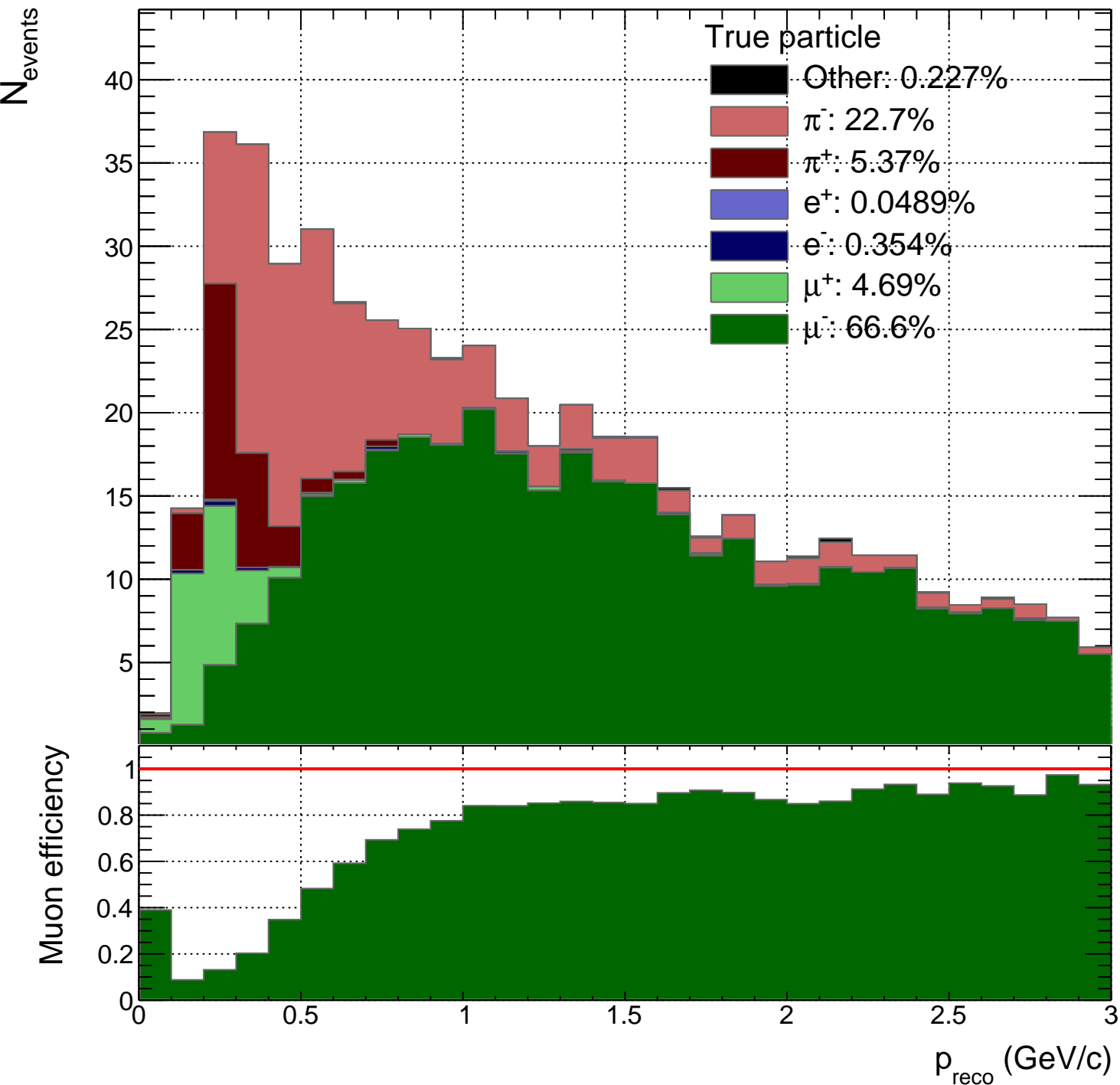
FGD2 ν_μ RHC CC0 π



FGD2 ν_μ RHC CC1 π



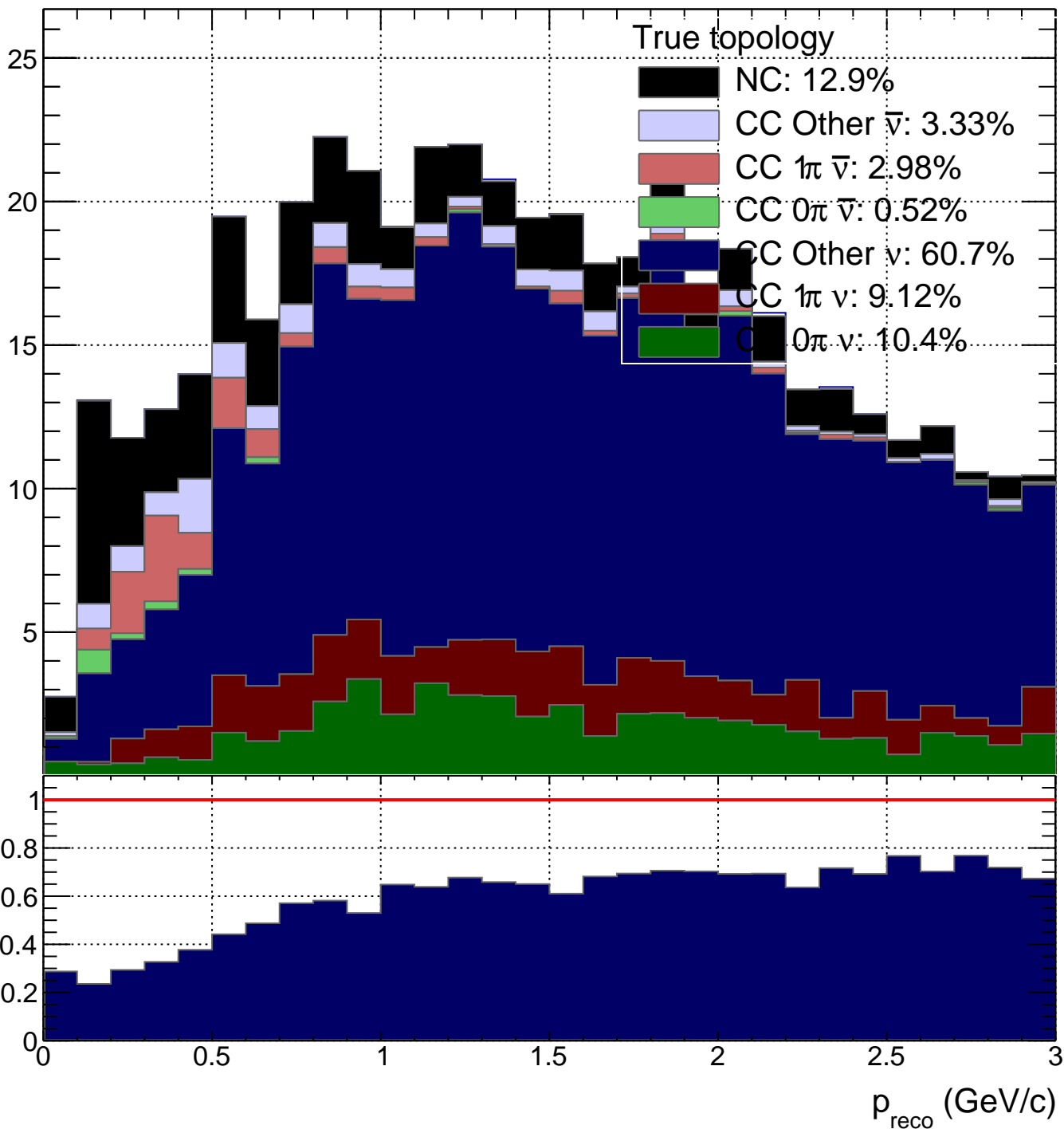
FGD2 ν_μ RHC CC1 π



FGD2 ν_μ RHC CCoher

N_{events}

Selection purity



FGD2 ν_μ RHC CCoher

