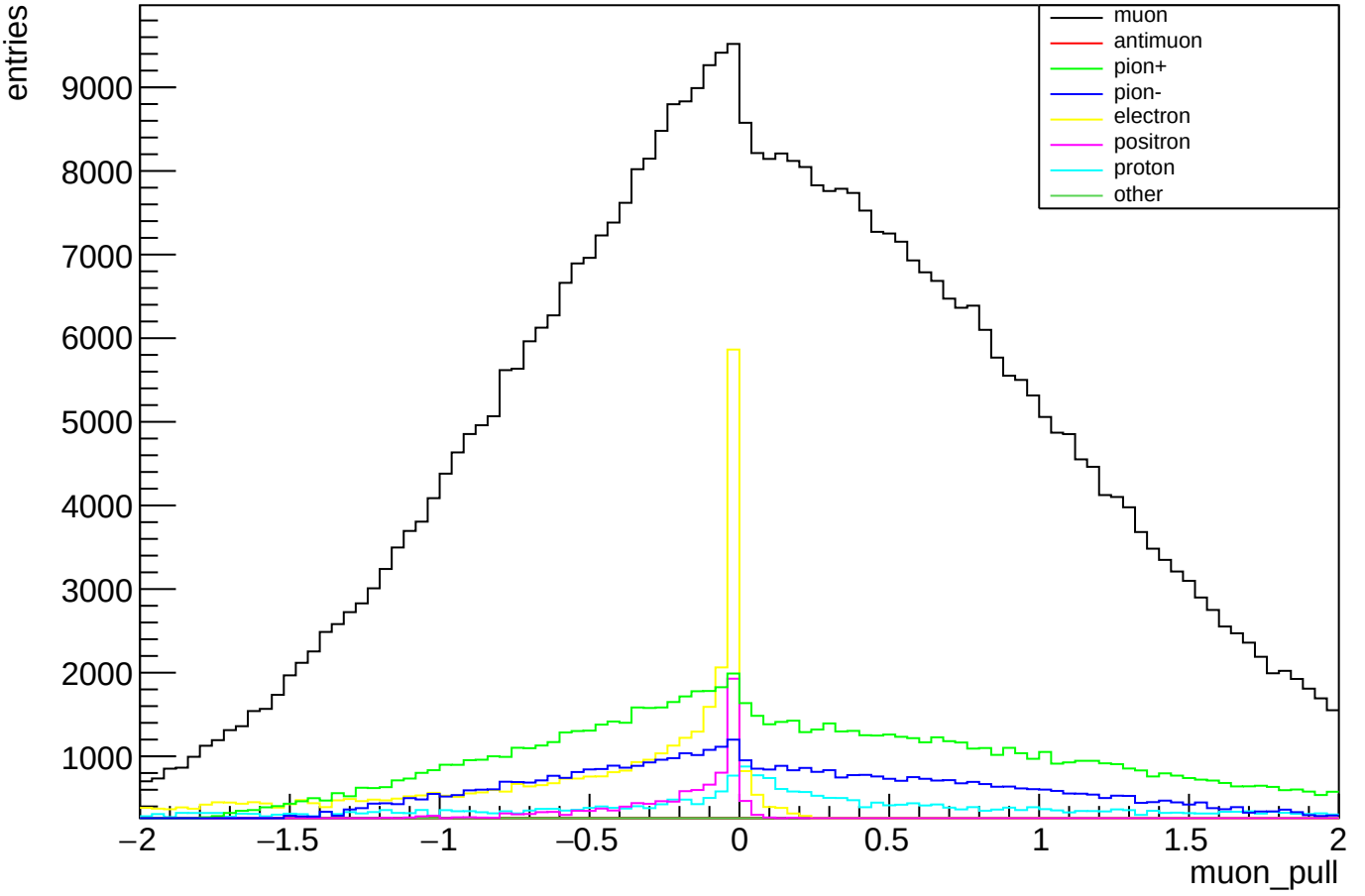
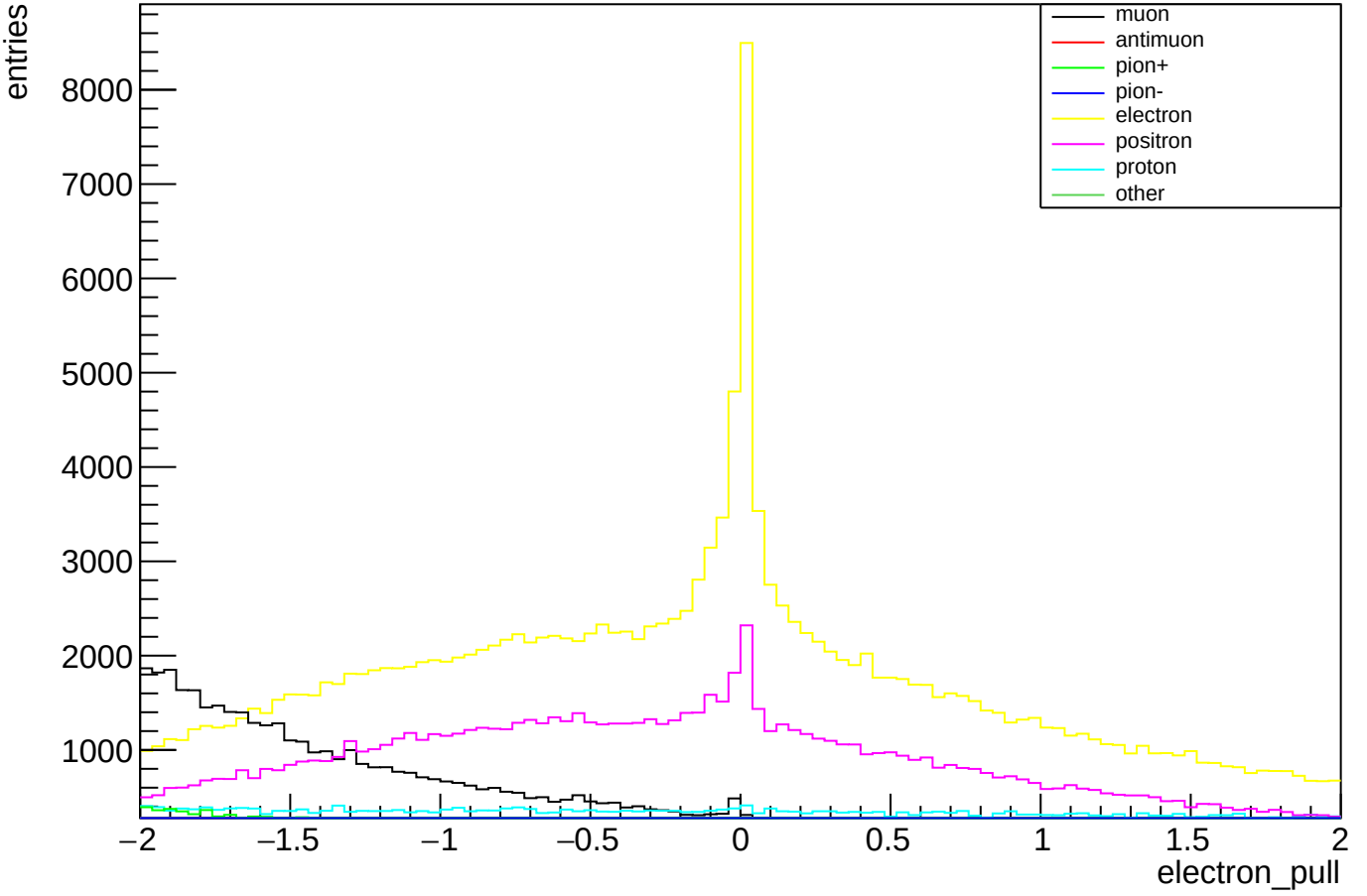
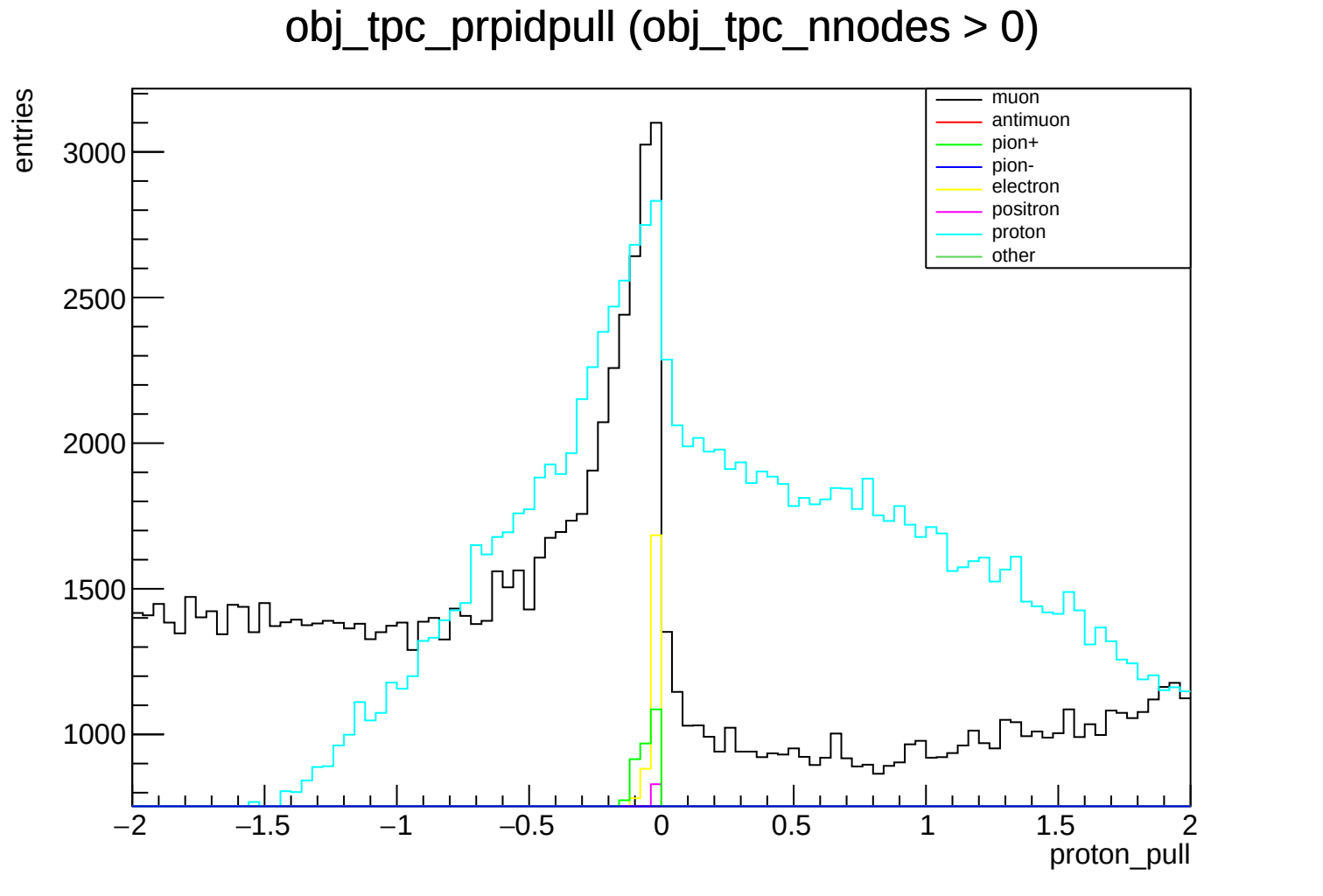
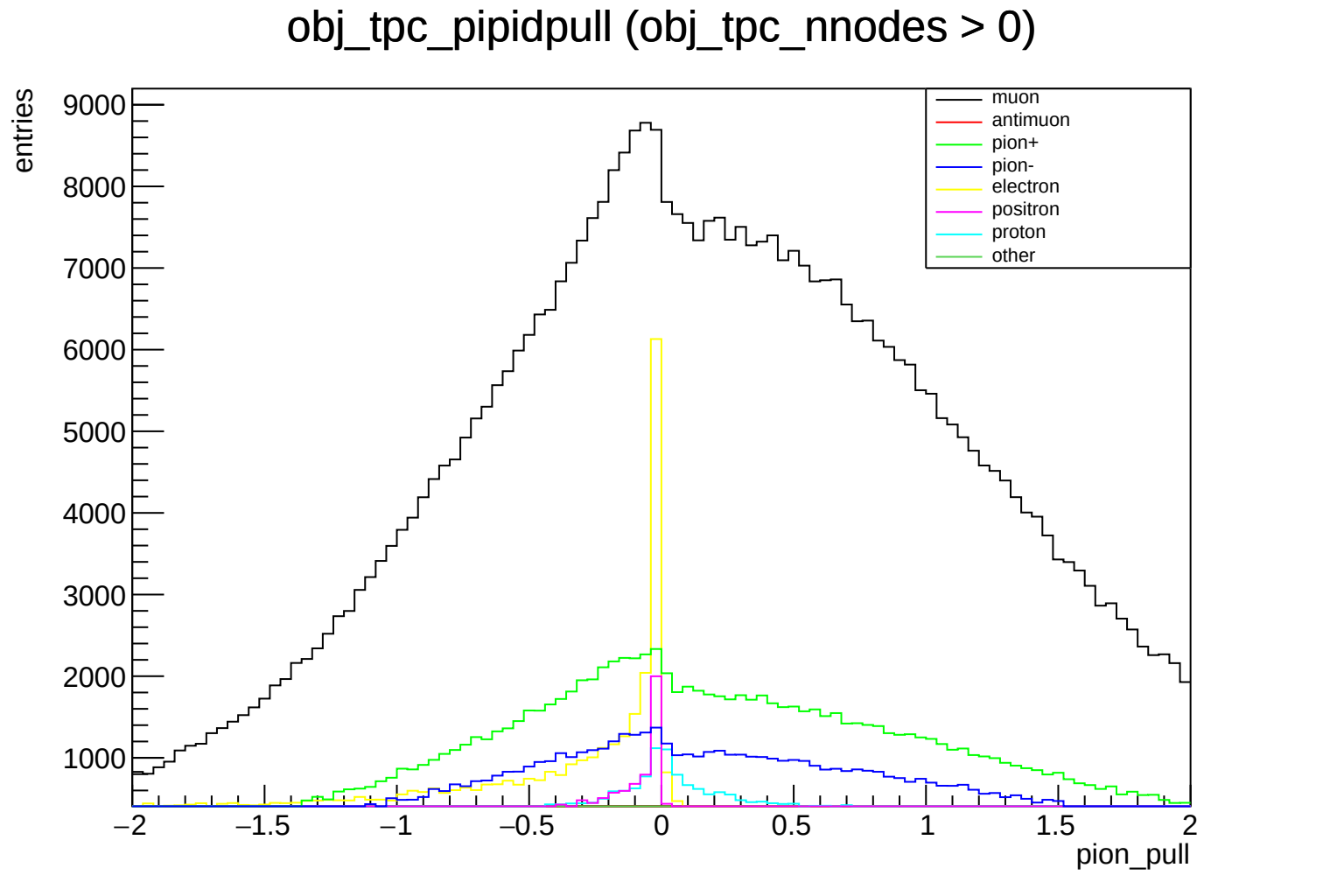
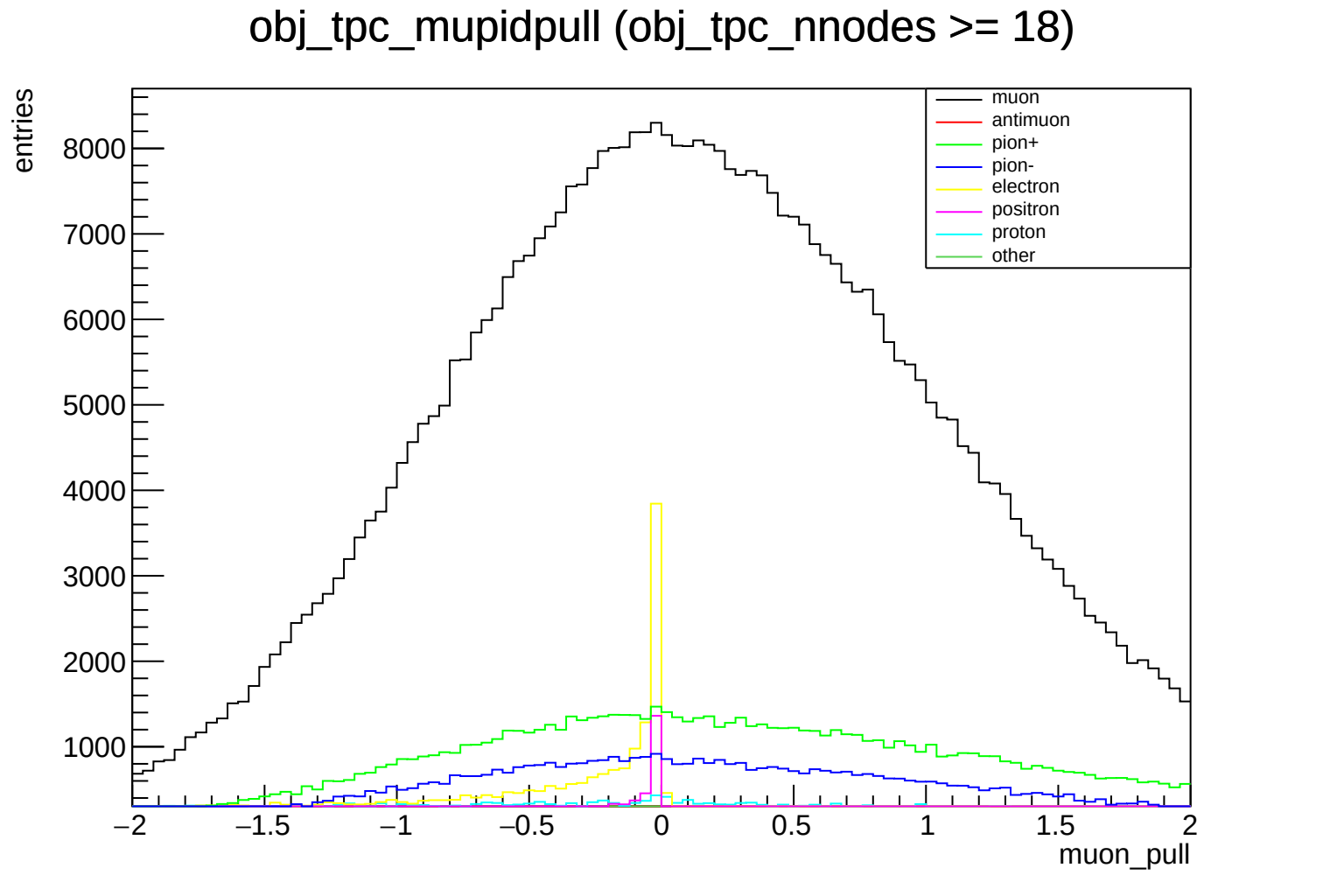
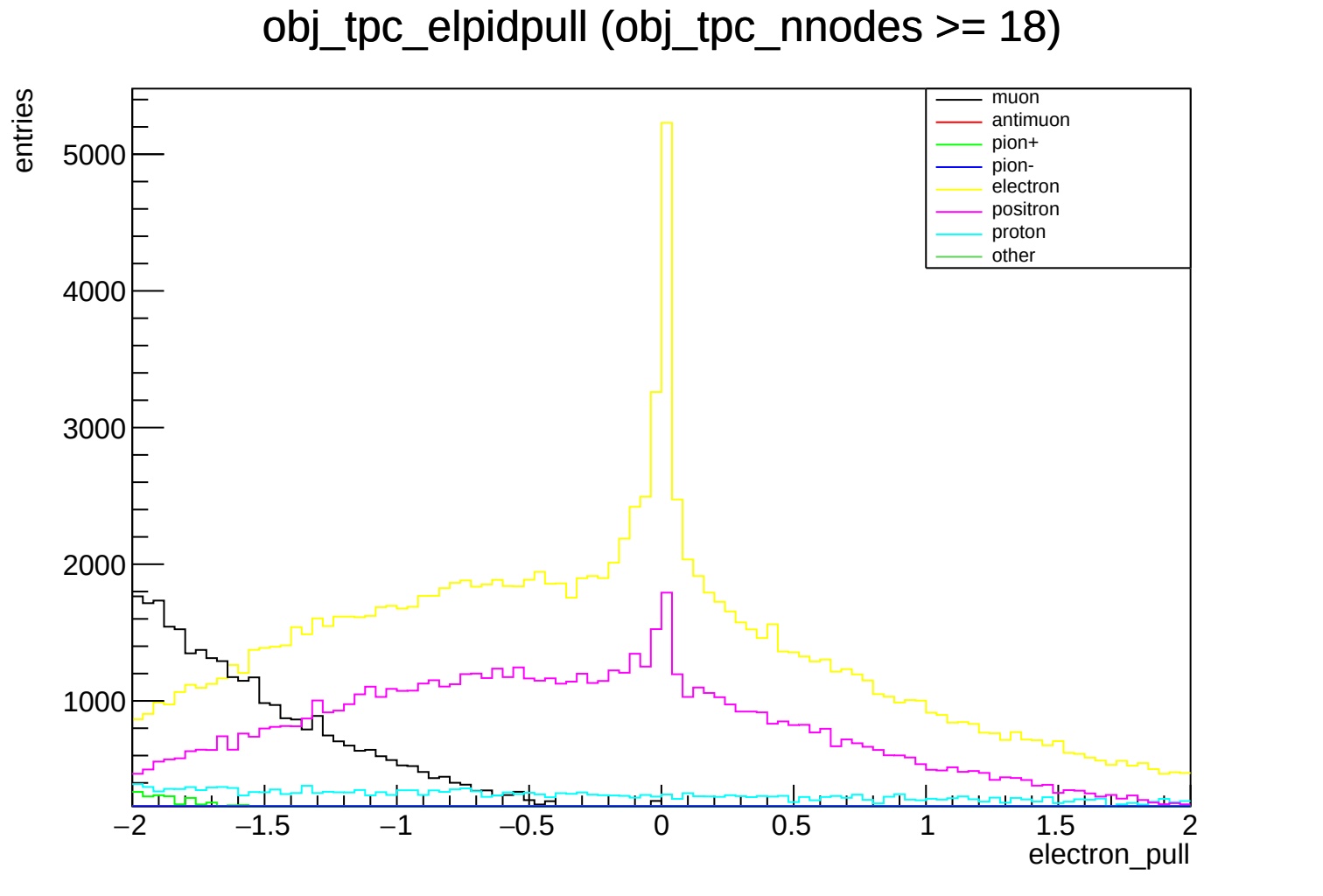

obj_tpc_mupidpull (obj_tpc_nnodes > 0)
entries
9000
8000
7000
6000
5000
4000
3000
2000
1000
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
muon_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other

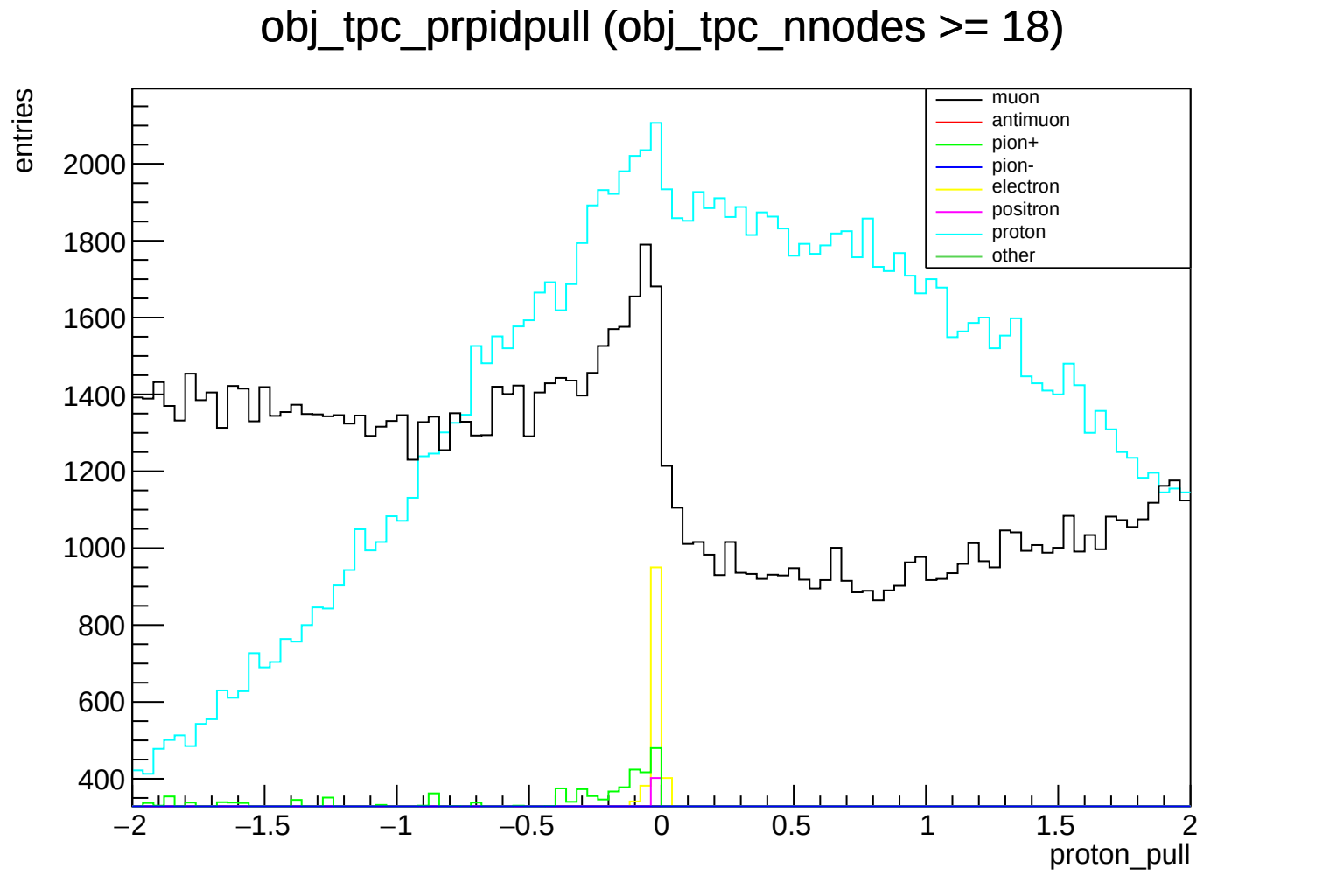

obj_tpc_elpidpull (obj_tpc_nnodes > 0)
entries
8000
7000
6000
5000
4000
3000
2000
1000
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
electron_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other

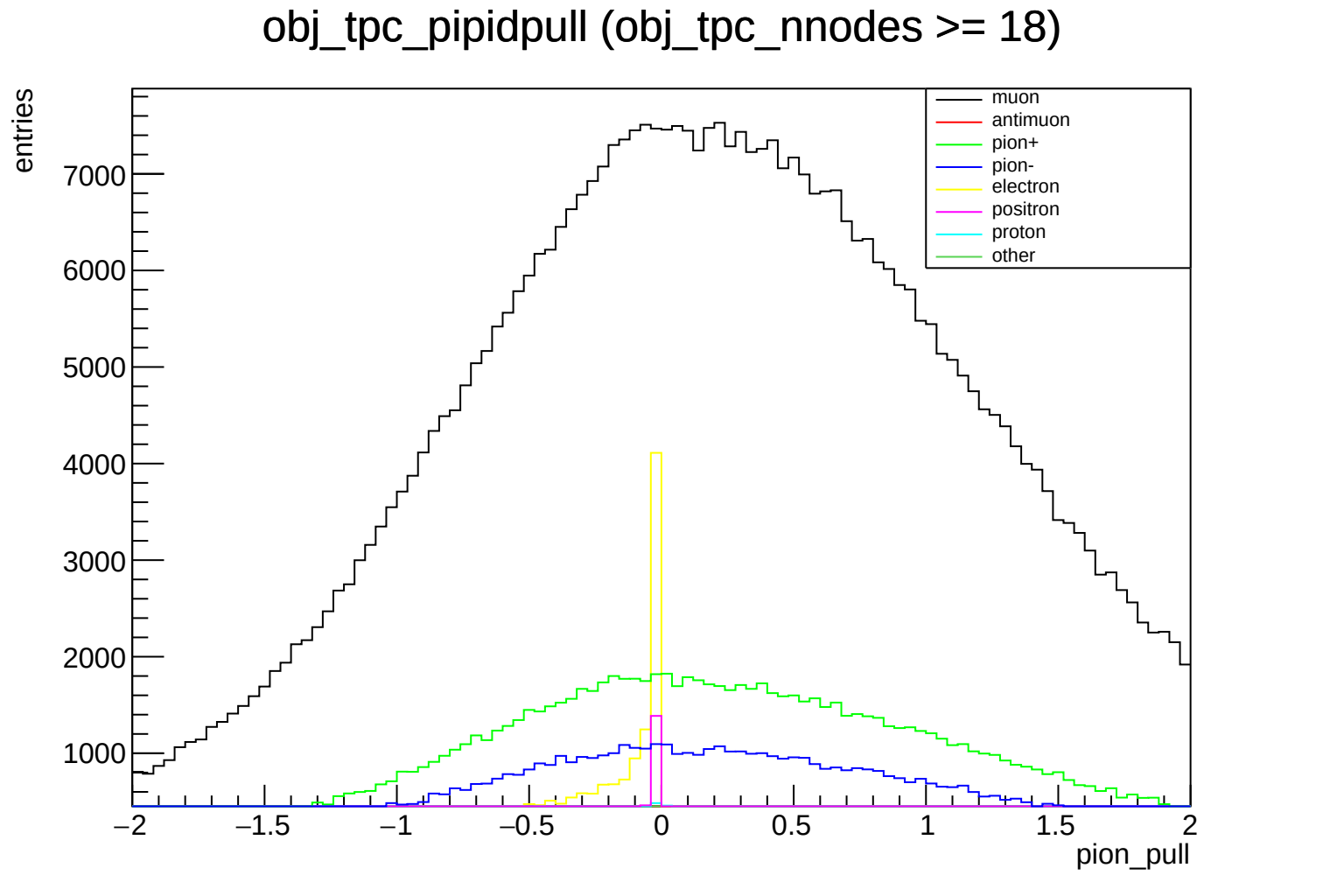

obj_tpc_prpidpull (obj_tpc_nnodes > 0)
entries
3000
2500
2000
1500
1000
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
proton_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other

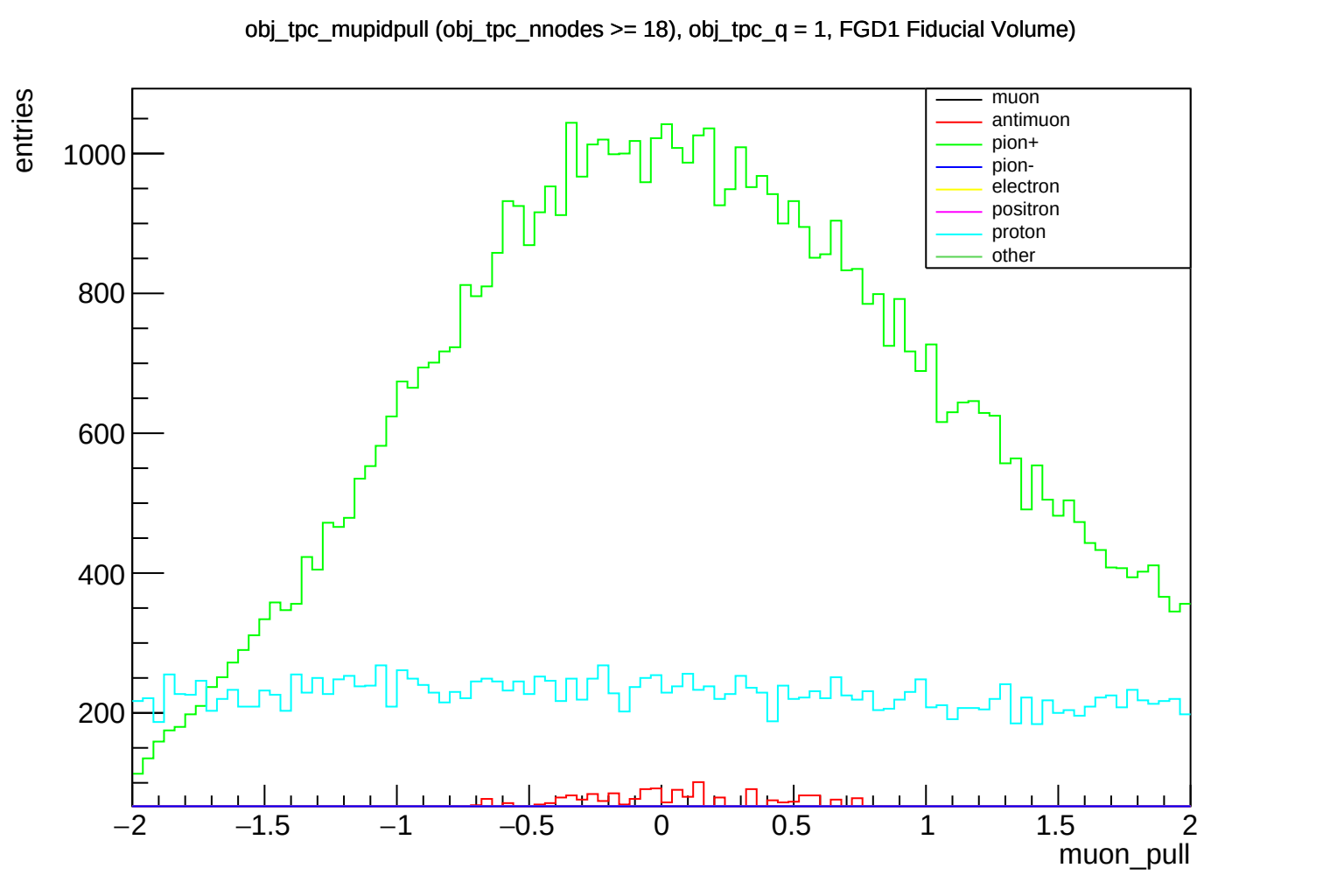

obj_tpc_pipidpull (obj_tpc_nnodes > 0)
entries
9000
8000
7000
6000
5000
4000
3000
2000
1000
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
pion_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other

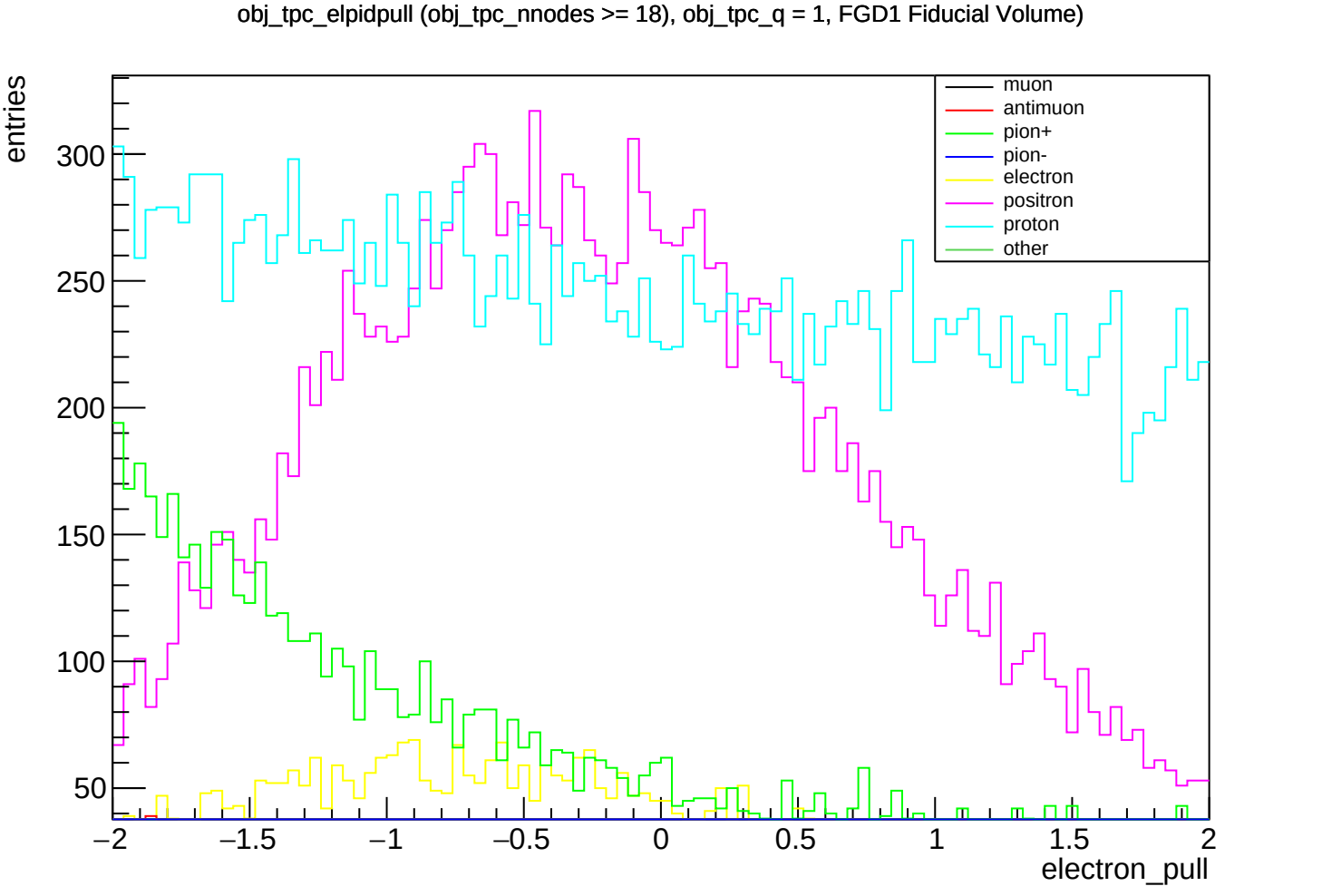

obj_tpc_mupidpull (obj_tpc_nnodes >= 18)
entries
8000
7000
6000
5000
4000
3000
2000
1000
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
muon_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other

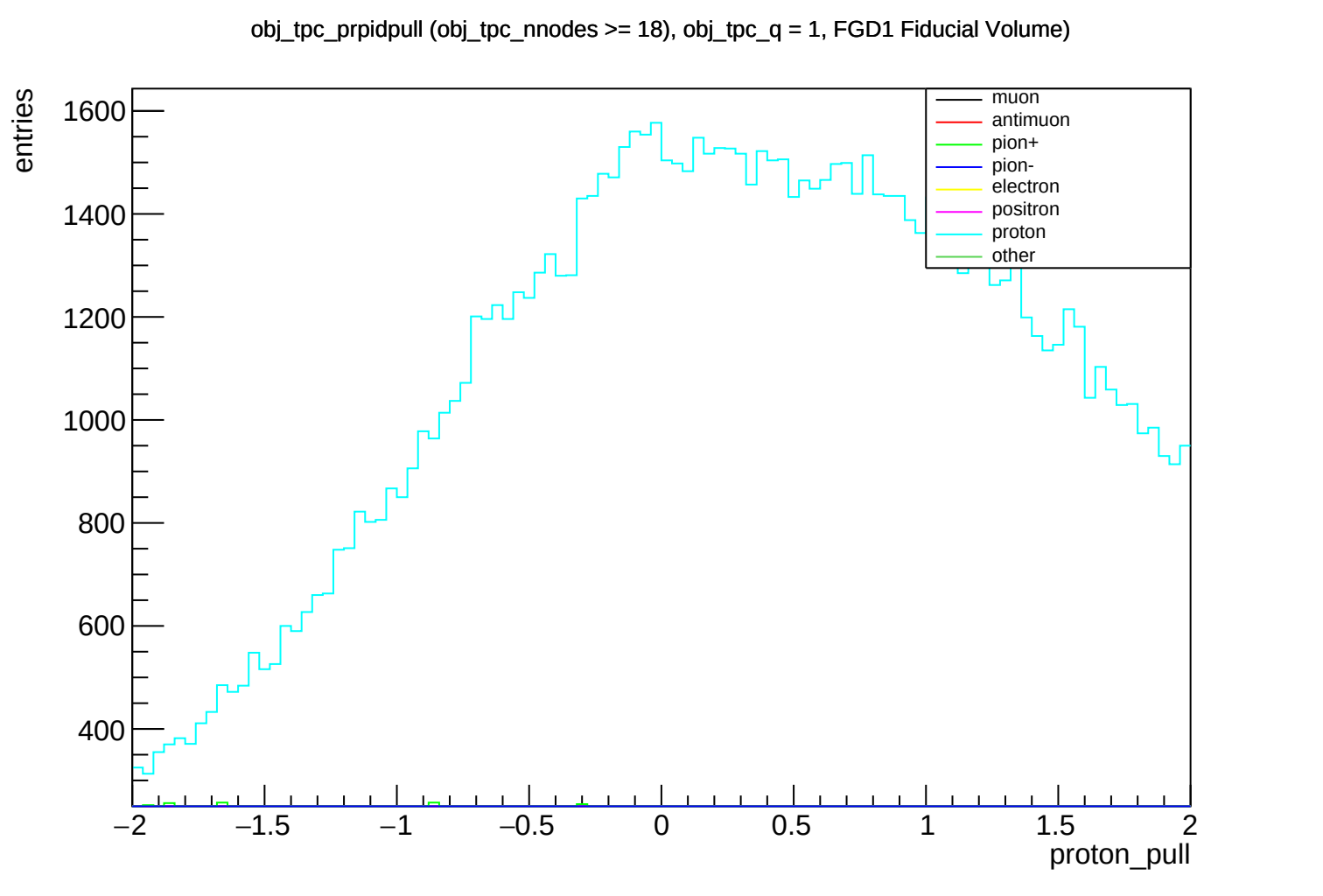

obj_tpc_elpidpull (obj_tpc_nnodes >= 18)
entries
5000
4000
3000
2000
1000
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
electron_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other

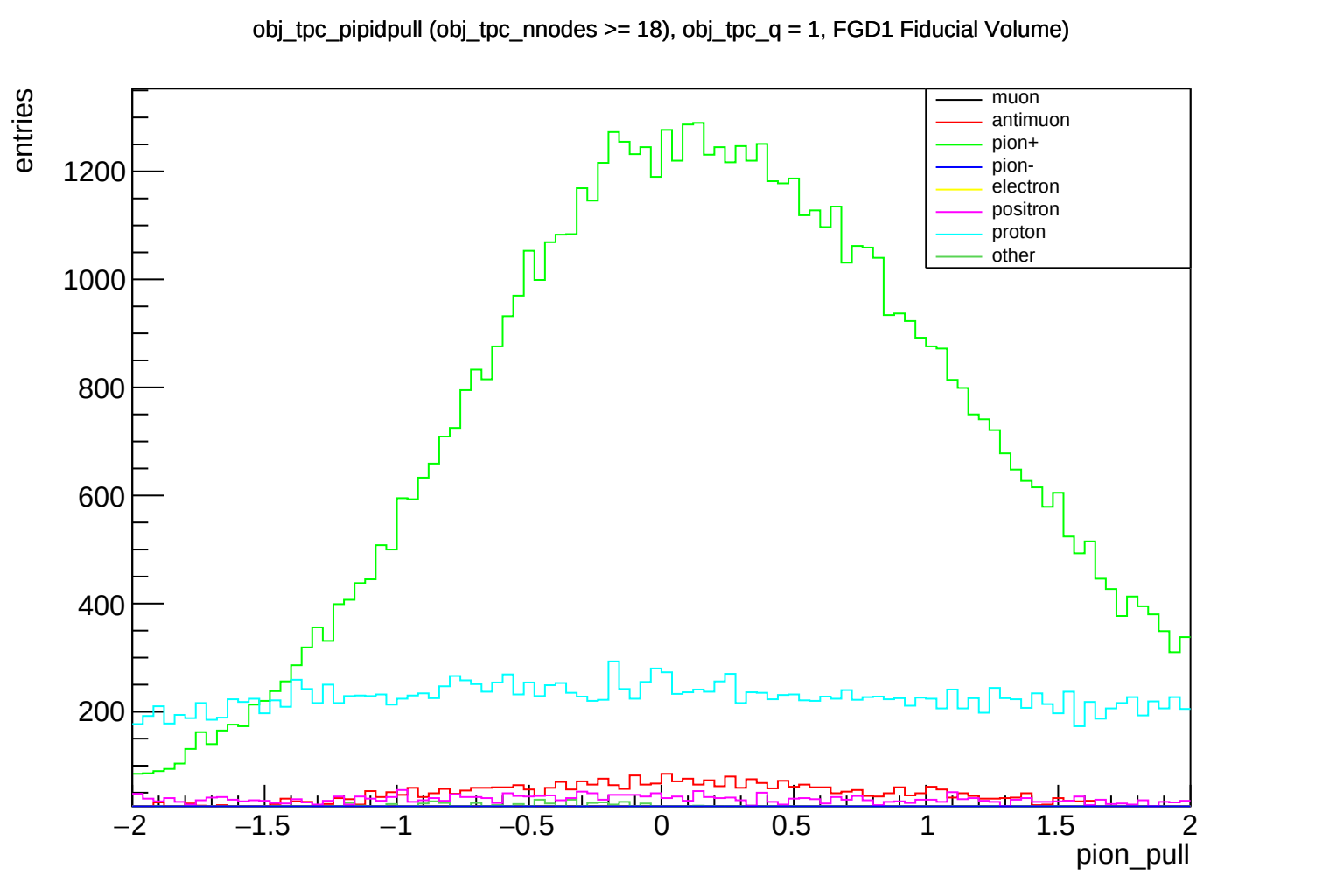

obj_tpc_prpidpull (obj_tpc_nnodes >= 18)
entries
2000
1800
1600
1400
1200
1000
800
600
400
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
proton_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other

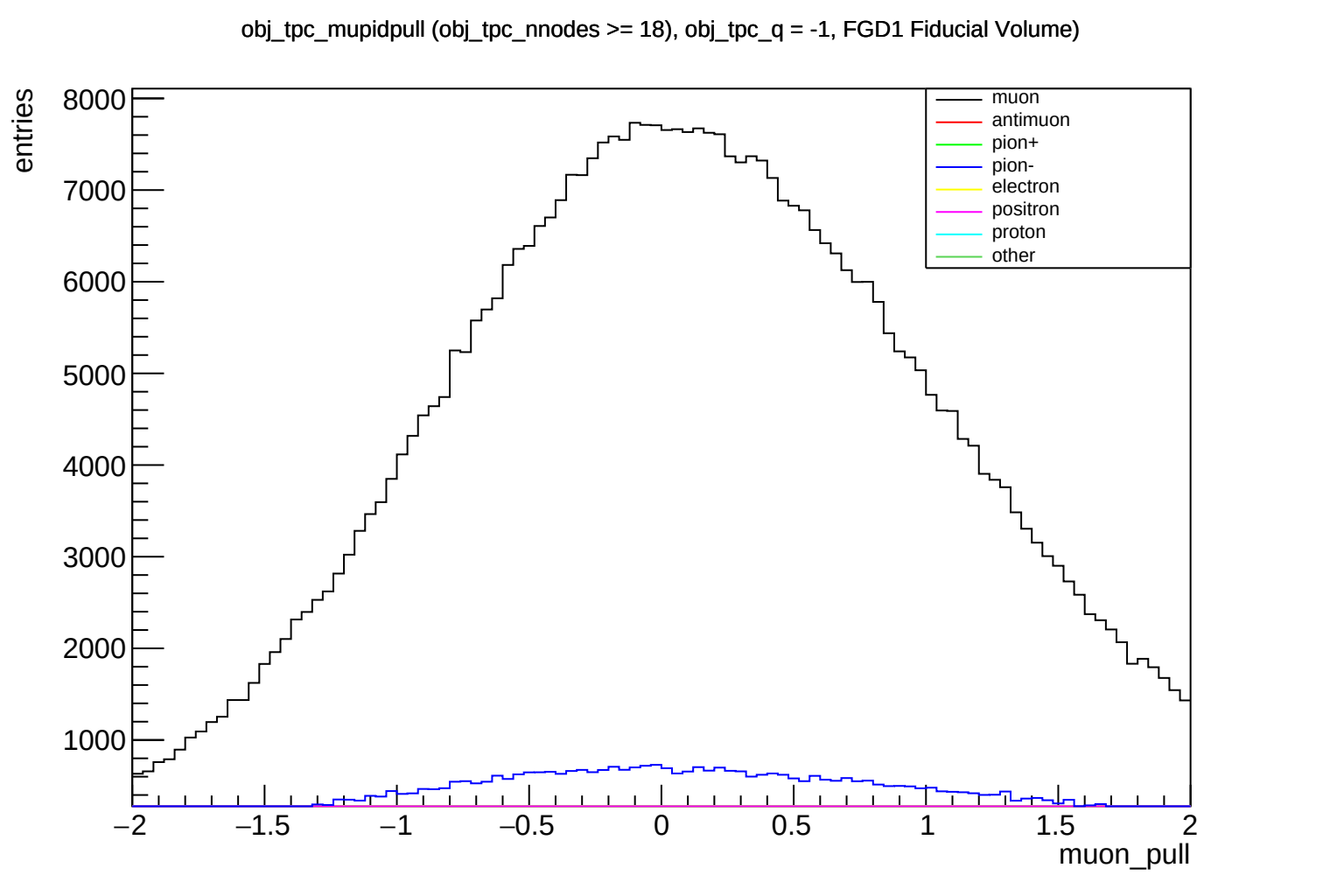

obj_tpc_pipidpull (obj_tpc_nnodes >= 18)
entries
7000
6000
5000
4000
3000
2000
1000
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
pion_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other

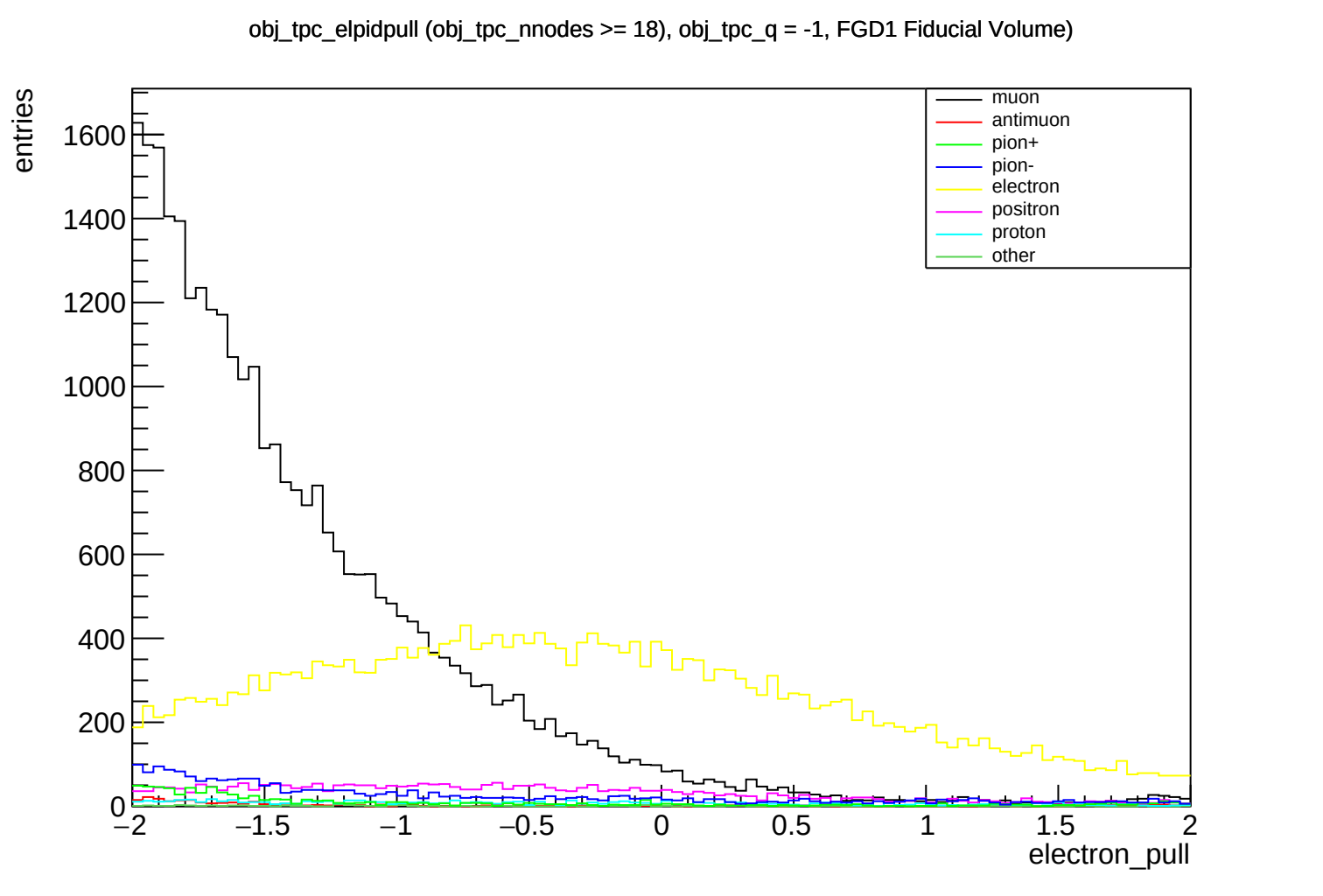

obj_tpc_mupidpull (obj_tpc_nnodes >= 18), obj_tpc_q = 1, FGD1 Fiducial Volume)
entries
1000
800
600
400
200
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
muon_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other

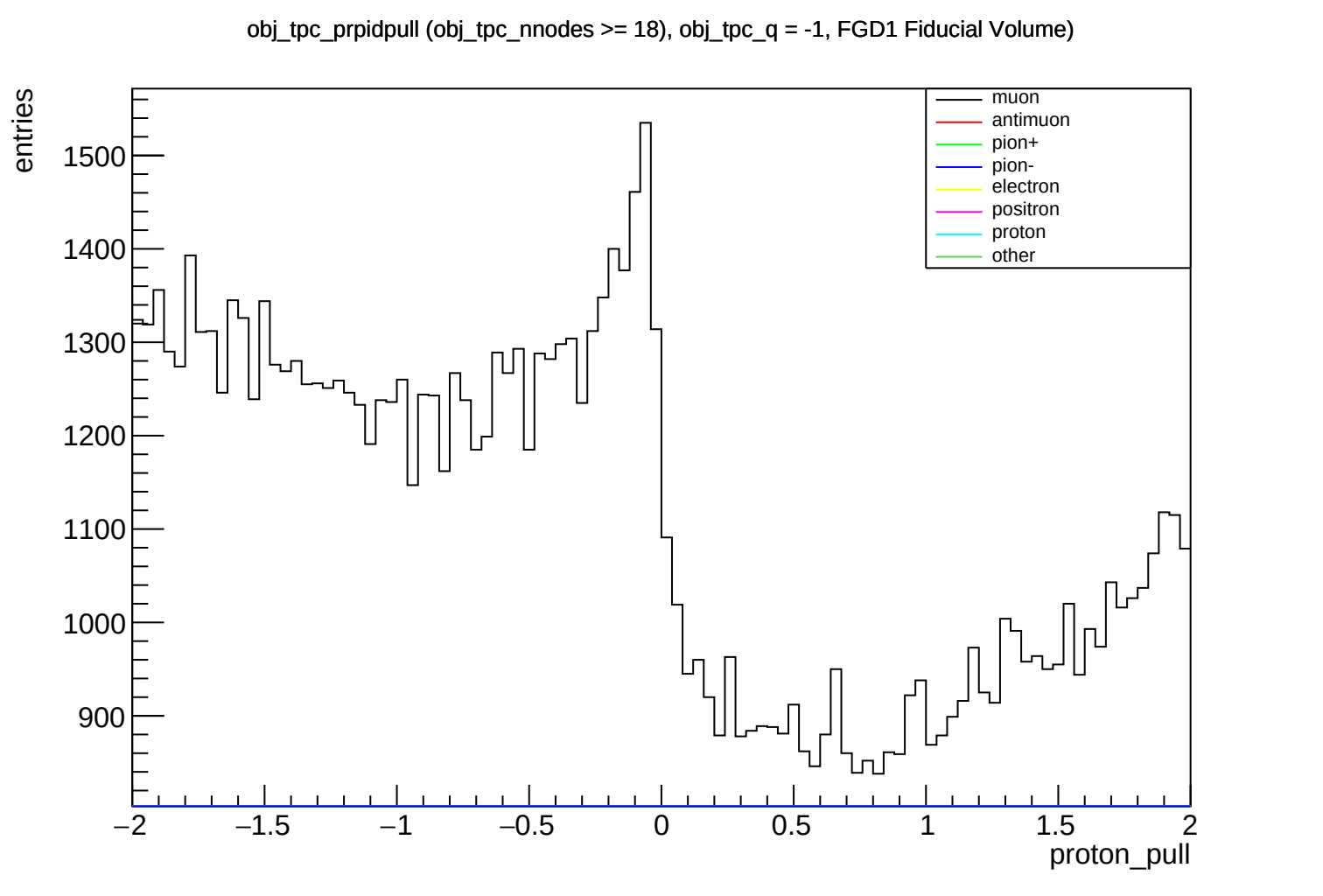

obj_tpc_elpidpull (obj_tpc_nnodes >= 18), obj_tpc_q = 1, FGD1 Fiducial Volume)
entries
300
250
200
150
100
50
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
electron_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other

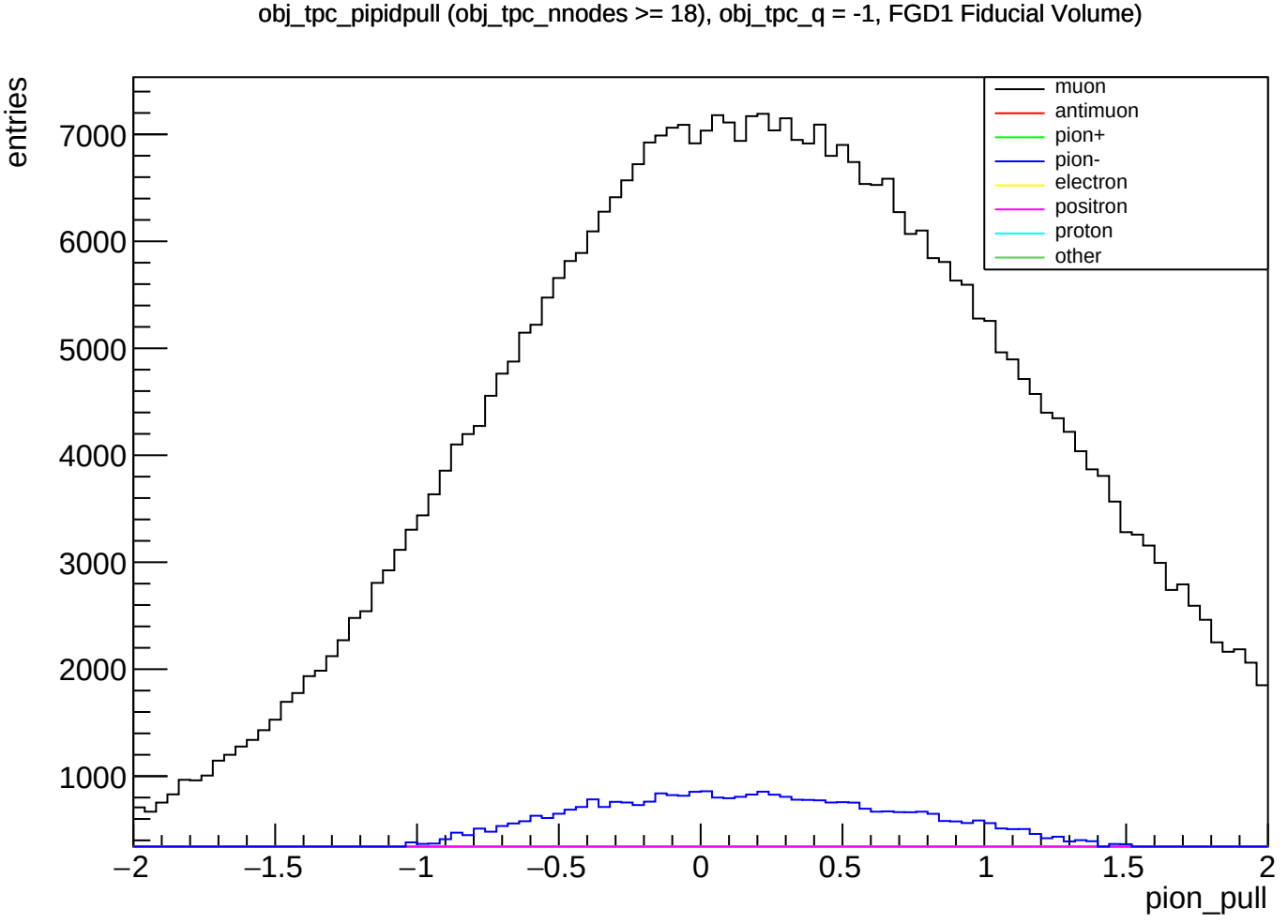

obj_tpc_prpidpull (obj_tpc_nnodes >= 18), obj_tpc_q = 1, FGD1 Fiducial Volume)
entries
1600
1400
1200
1000
800
600
400
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
proton_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other


obj_tpc_pipidpull (obj_tpc_nnodes >= 18), obj_tpc_q = 1, FGD1 Fiducial Volume)
entries
1200
1000
800
600
400
200
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
pion_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other


obj_tpc_mupidpull (obj_tpc_nnodes >= 18), obj_tpc_q = -1, FGD1 Fiducial Volume)
entries
8000
7000
6000
5000
4000
3000
2000
1000
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
muon_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other


obj_tpc_elpidpull (obj_tpc_nnodes >= 18), obj_tpc_q = -1, FGD1 Fiducial Volume)
entries
1600
1400
1200
1000
800
600
400
200
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
electron_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other


obj_tpc_prpidpull (obj_tpc_nnodes >= 18), obj_tpc_q = -1, FGD1 Fiducial Volume)
entries
1500
1400
1300
1200
1100
1000
900
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
proton_pull
muon
antimuon
pion+
pion-
electron
positron
proton
other


obj_tpc_pipidpull (obj_tpc_nnodes >= 18), obj_tpc_q = -1, FGD1 Fiducial Volume)
entries
7000
6000
5000
4000
3000
2000
1000
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
pion_pull
muon
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pion-
electron
positron
proton
other