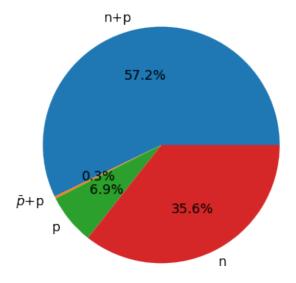
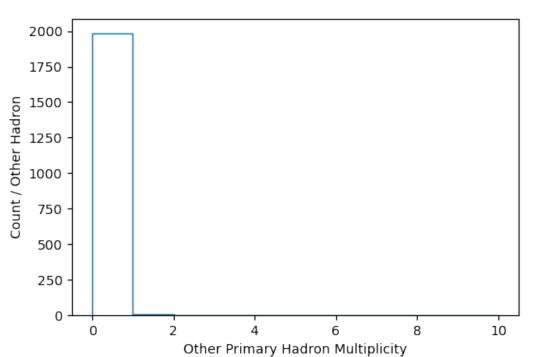
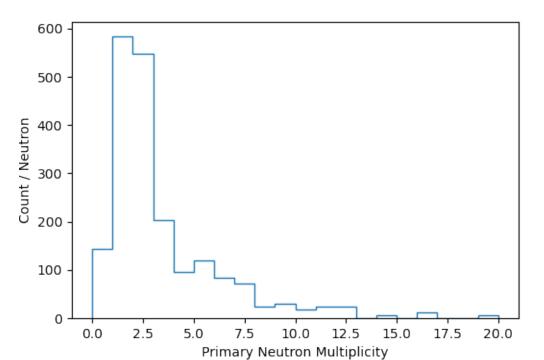
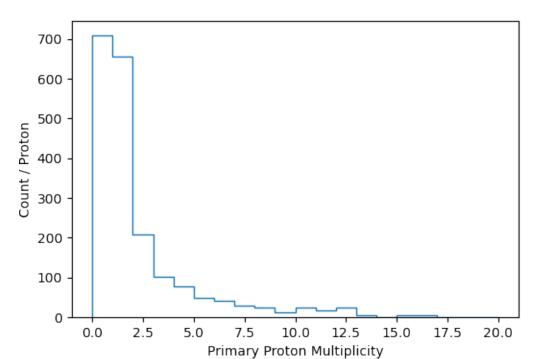


Final State Hadrons in Single π^0 Signal Events

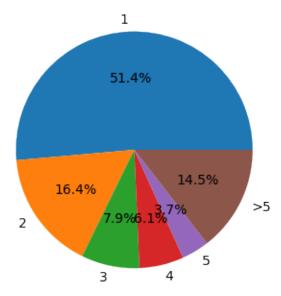






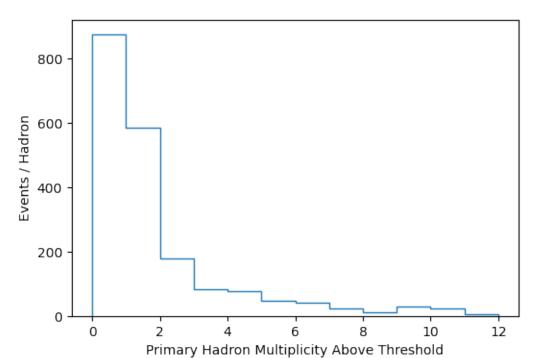


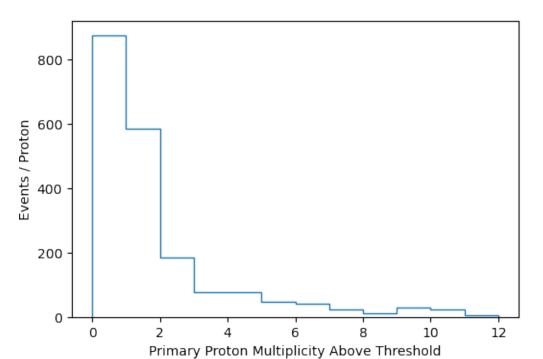
Primary Proton Multiplicity in Single π^0 Signal Events with Protons



Contained Length of Longest Proton Track in Single π^0 Signal Events with Protons Events / cm 100 75

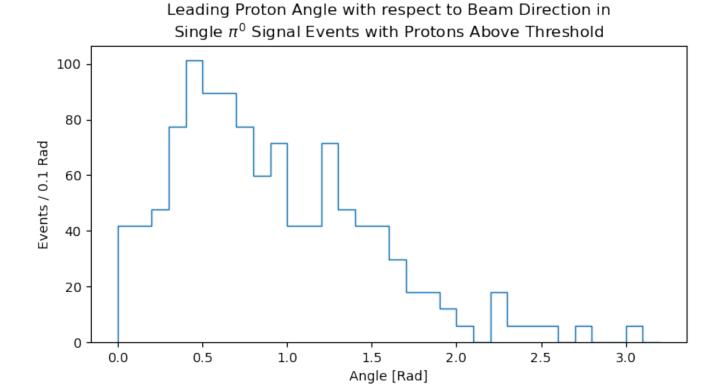
Length [cm]

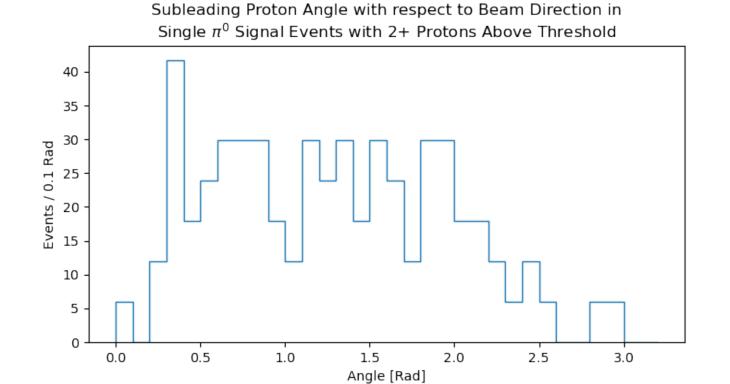




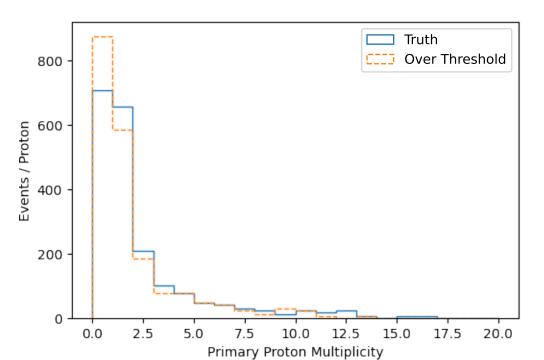
Leading Proton Momentum in Single π^0 Signal Events with Protons Above Threshold Events / 50 MeV/c 60 -Momentum [MeV/c]

Subleading Proton Momentum in Single π^0 Signal Events with 2+ Protons Above Threshold 80 -Events / 50 MeV/c 60 -Momentum [MeV/c]

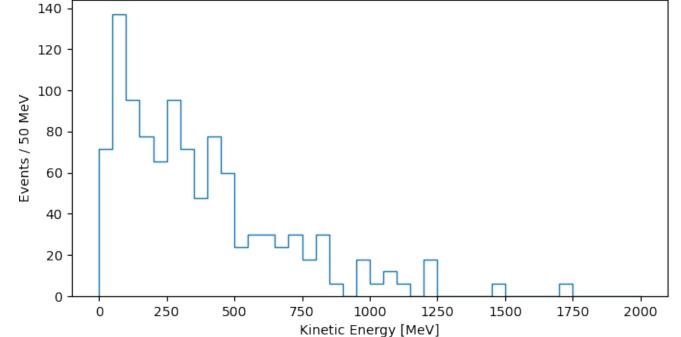


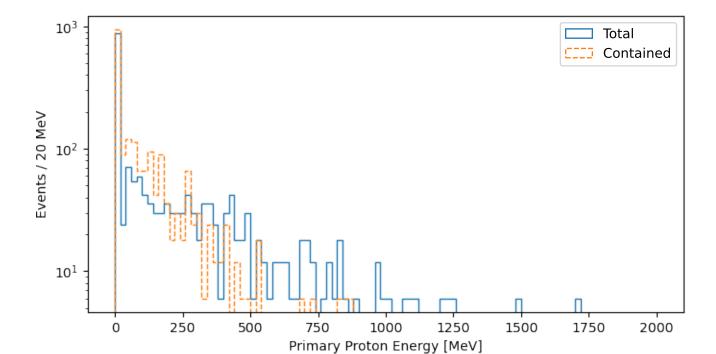


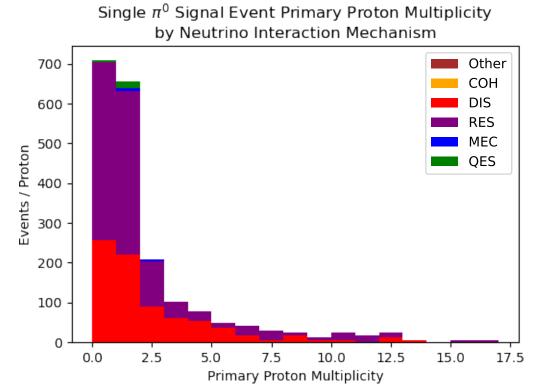
Subleading Proton Angle with respect to Leading Proton Direction in Single π^0 Signal Events with 2+ Protons Above Threshold 80 70 60 -Events / 0.1 Rad 50 40 30 20 10 0 0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 Angle [Rad]



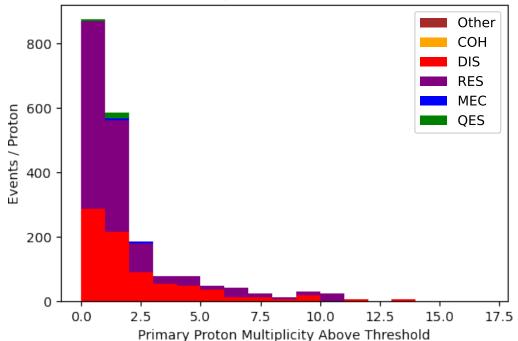
Total Primary Proton Kinetic Energy in Single π^0 Signal Events with Protons Above Threshold

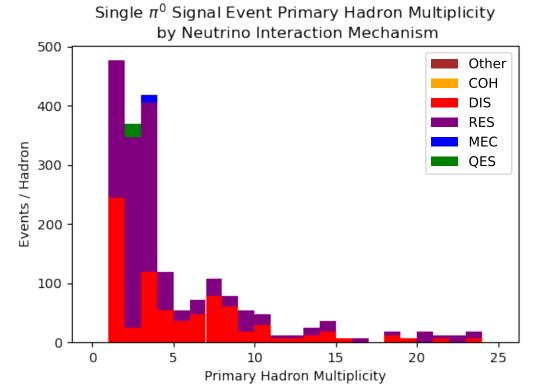




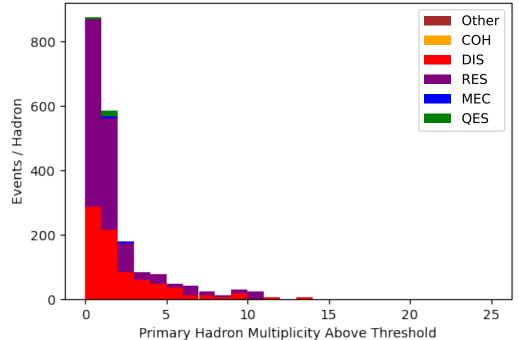


Single π^0 Signal Event Primary Proton Multiplicity Above Threshold by Neutrino Interaction Mechanism





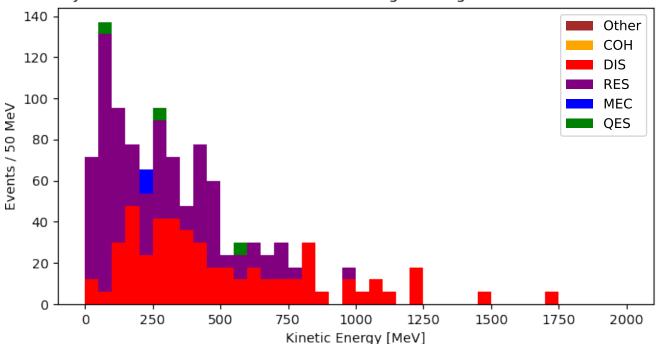
Single π^0 Signal Event Primary Hadron Multiplicity Above Threshold by Neutrino Interaction Mechanism



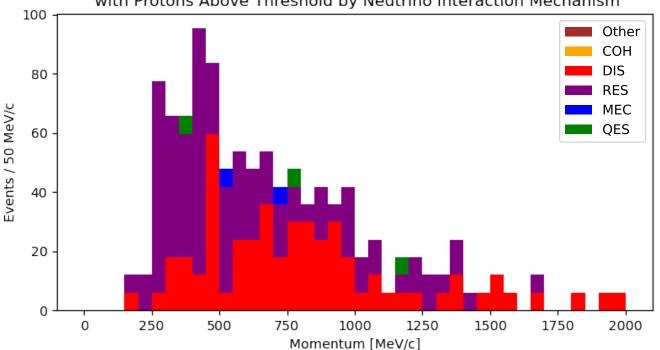
Contained Length of Longest Proton Track in Single π^0 Signal Events with Protons by Neutrino Interaction Mechanism 200 Other COH 175 DIS 150 RES MEC 125 Events / cm **QES** 100 75 50 25 0 10 20 30 50 60 40

Length [cm]

Total Primary Proton Kinetic Energy Above Threshold by Neutrino Interaction Mechanism in Single π^0 Signal Events with Protons

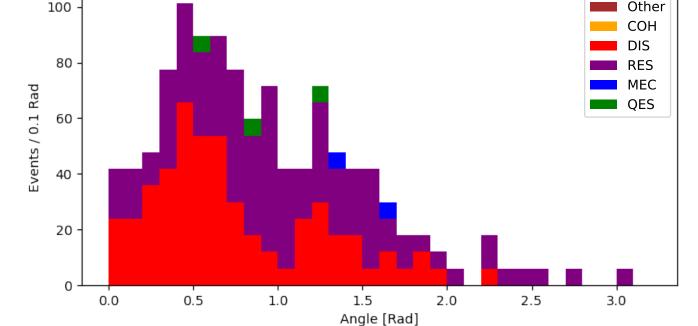


Leading Proton Momentum in Single π^0 Signal Events with Protons Above Threshold by Neutrino Interaction Mechanism

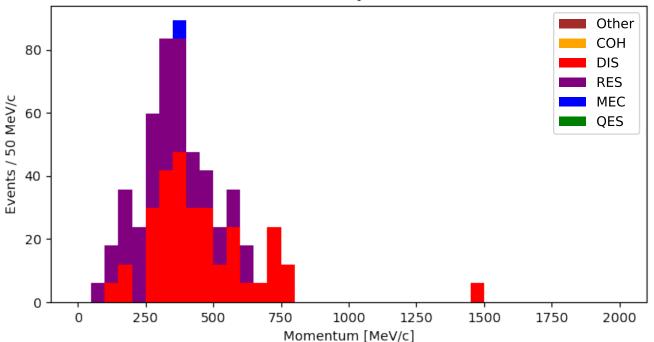


Single π^0 Signal Events with Protons Above Threshold Stacked by Neutrino Interaction Mechanis Other 100 COH

Leading Proton Angle with respect to Beam Direction in

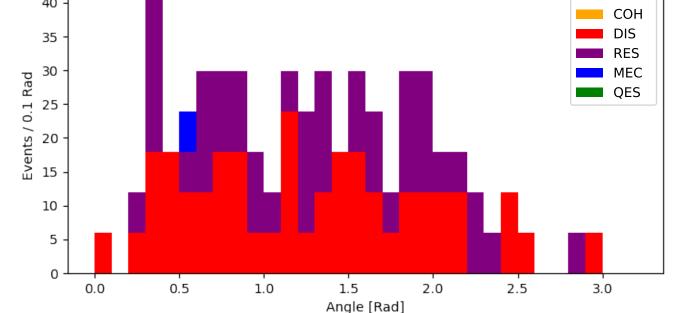


Subleading Proton Momentum in Single π^0 Signal Events with 2+ Protons Above Threshold by Neutrino Interaction Mechanism



ngle π^0 Signal Events with 2+ Protons Above Threshold Stacked by Neutrino Interaction Mechan Other 40 COH DIS 35 RES 30 MEC **QES** 25 -

Subleading Proton Angle with respect to Beam Direction in



Subleading Proton Angle with respect to Leading Proton Direction in Single π^0 Signal Events with 2+ Protons Above Threshold Stacked by Neutrino Interaction Mechanism Other 80 COH DIS 70 RES 60 -MEC Rad **QES** 50

