μ - Rejection Fraction vs Energy above Cherenkov Threshold (MeV) At Bin e- Signal Efficiency 0.8, Combined ResNet Discriminant 1.0 -0.9 µ - Rejection Fraction9.0 0.5 FiTQun nLL Diff. 0.4 -ResNet 200 600 400 800 1000 Energy above Cherenkov Threshold (MeV)