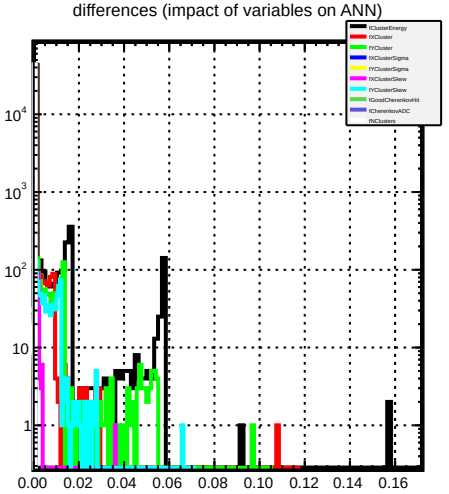
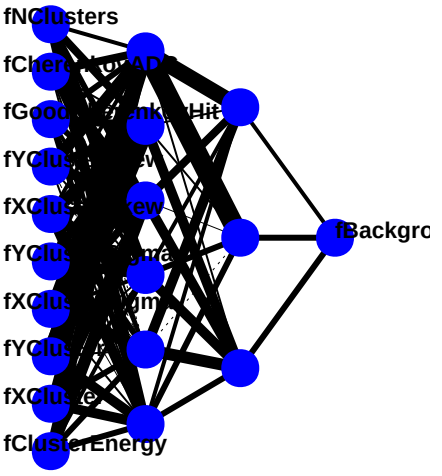
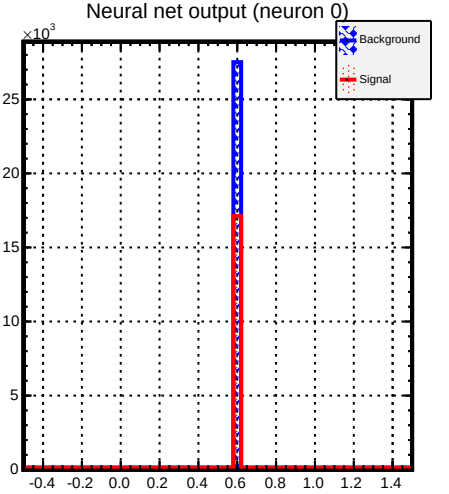
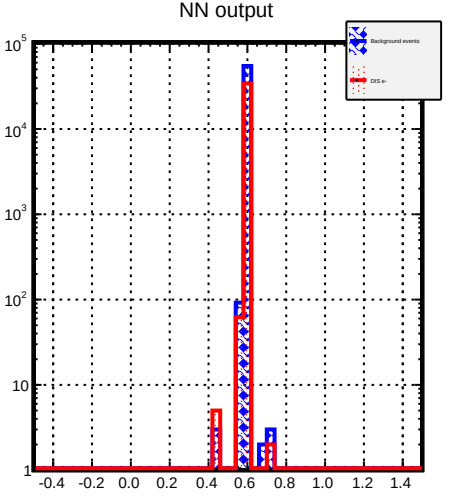
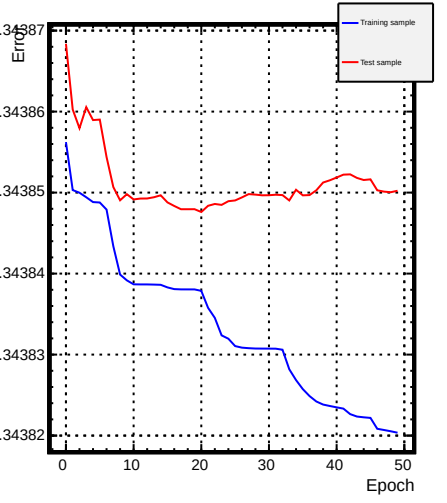

differences (impact of variables on ANN)
fClusterEnergy
fNCluster
fYCluster
fXClusterSigma
fYClusterSigma
fXClusterSkew
fYClusterSkew
fGoodCherenkovHit
fCherenkovADC
fNClusters
0.00 0.02 0.04 0.06 0.08 0.10 0.12 0.14 0.16


fNClusters
fClusterEnergy


Neural net output (neuron 0)
Background
Signal
-0.4 -0.2 0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4


NN output
Background events
DIS e-
-0.4 -0.2 0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4


Training sample
Test sample
Error
0.34387
0.34386
0.34385
0.34384
0.34383
0.34382
0 10 20 30 40 50
Epoch