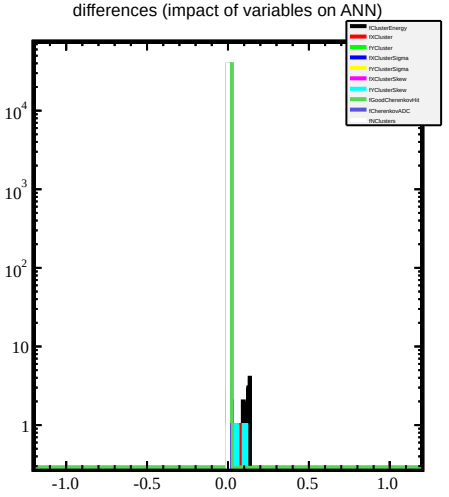
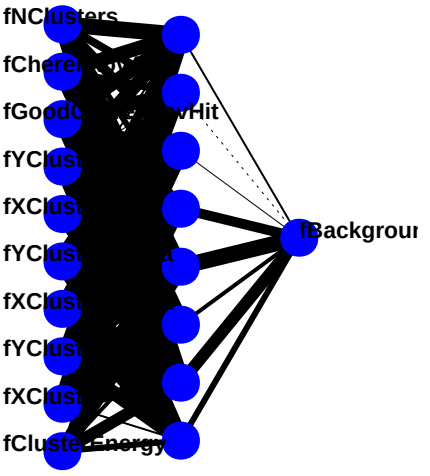
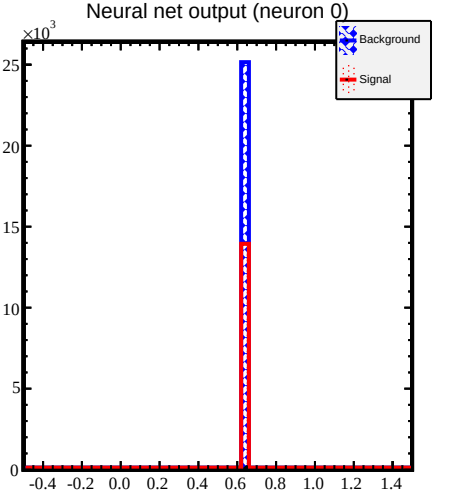
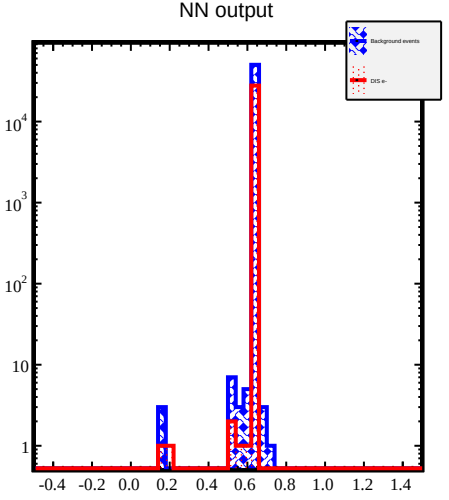
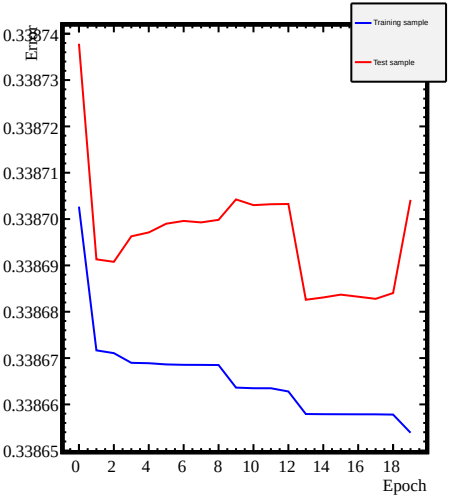

differences (impact of variables on ANN)
fClusterEnergy
fXCluster
fYCluster
fXClusterSigma
fYClusterSigma
fXClusterSkew
fYClusterSkew
fGoodCherenkovHit
fCherenkovADC
fNClusters
-1.0
-0.5
0.0
0.5
1.0


fNClusters
fCherenkovHit
fYCluster
fXCluster
fYCluster
fXCluster
fYCluster
fXCluster
fClusterEnergy
fBackgrou


Neural net output (neuron 0)
×10^3
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
0.33874
0.33873
0.33872
0.33871
0.33870
0.33869
0.33868
0.33867
0.33866
0.33865
0
2
4
6
8
10
12
14
16
18
Epoch