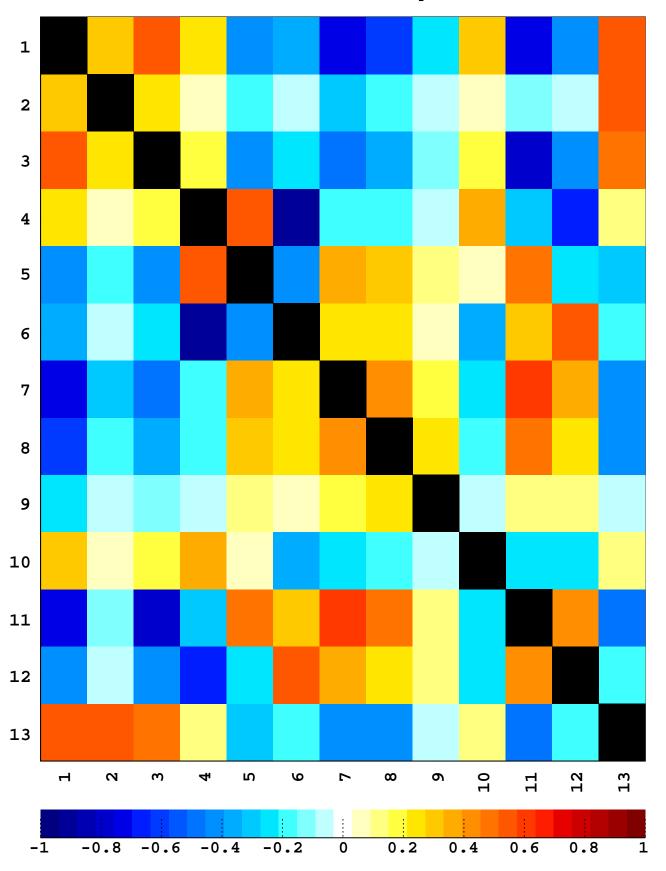
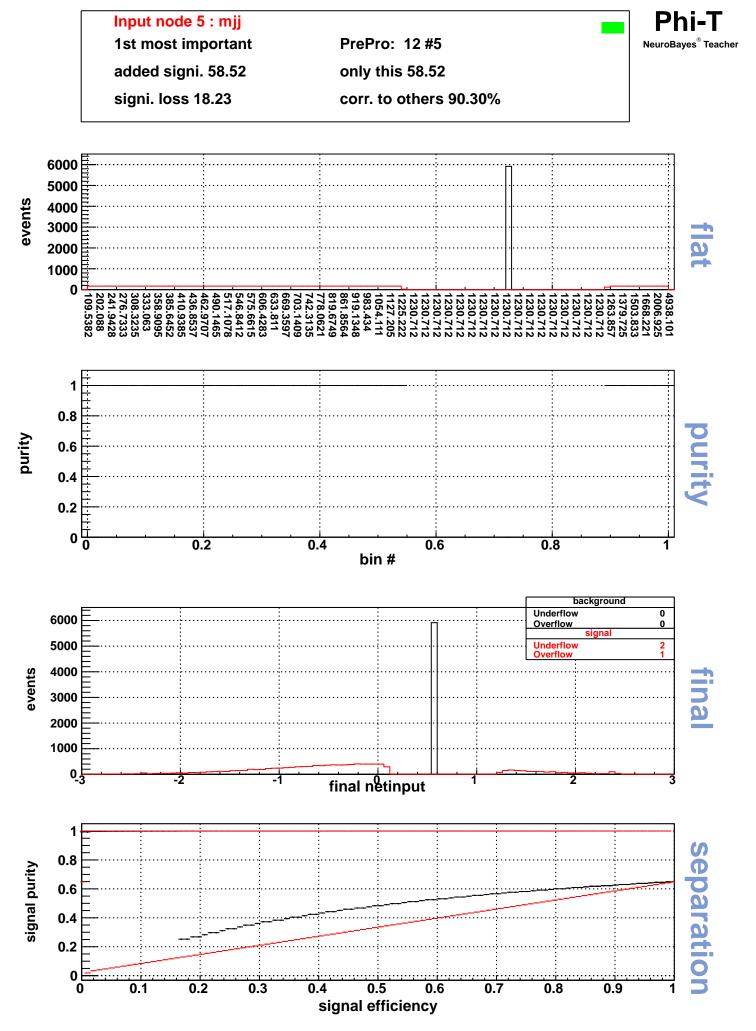
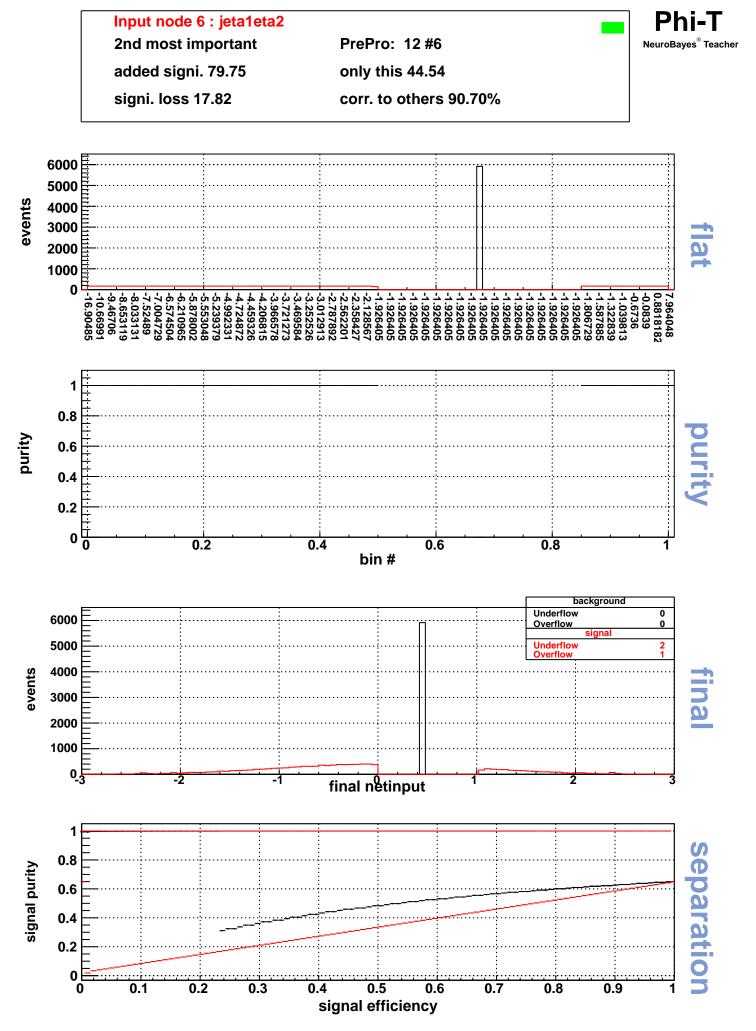
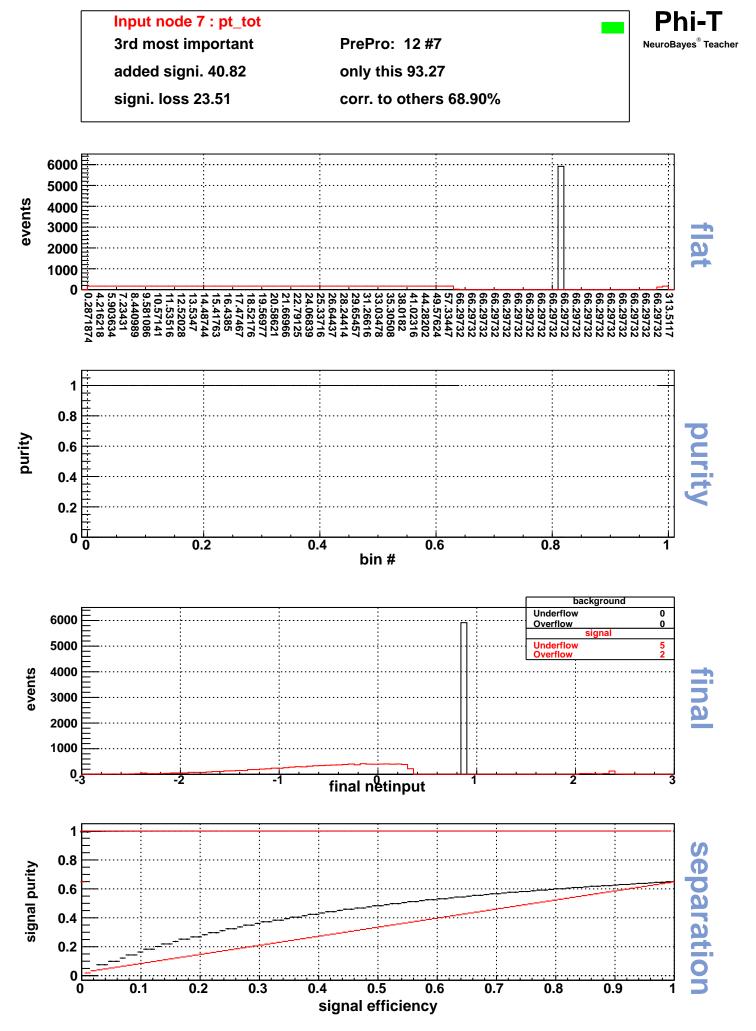


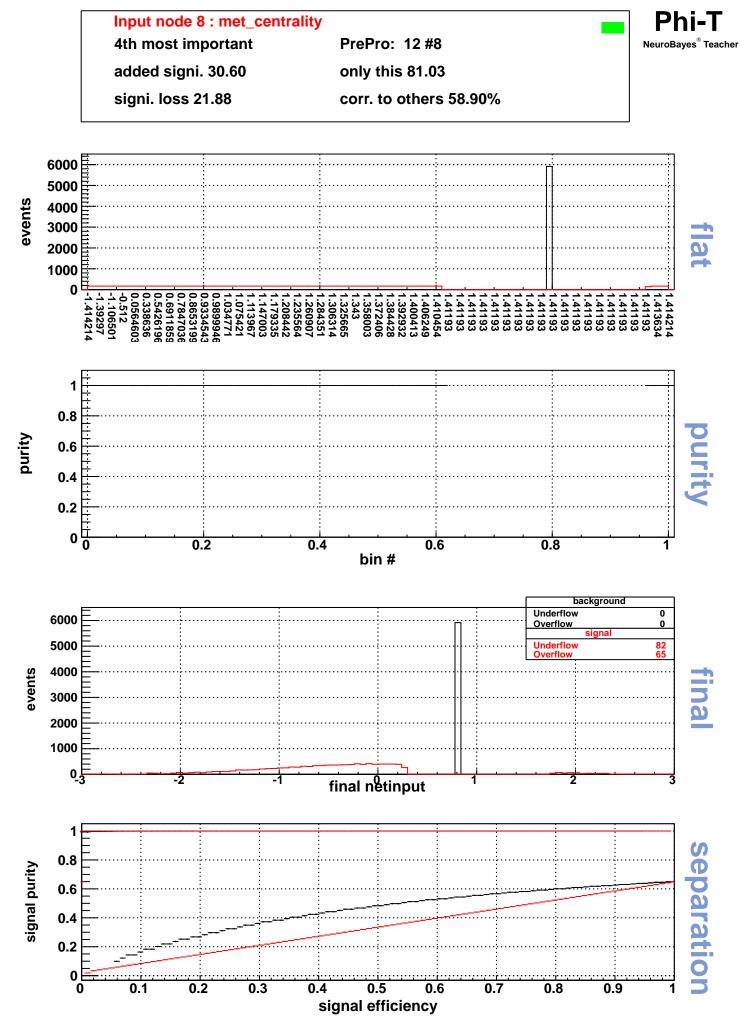
correlation matrix of input variables



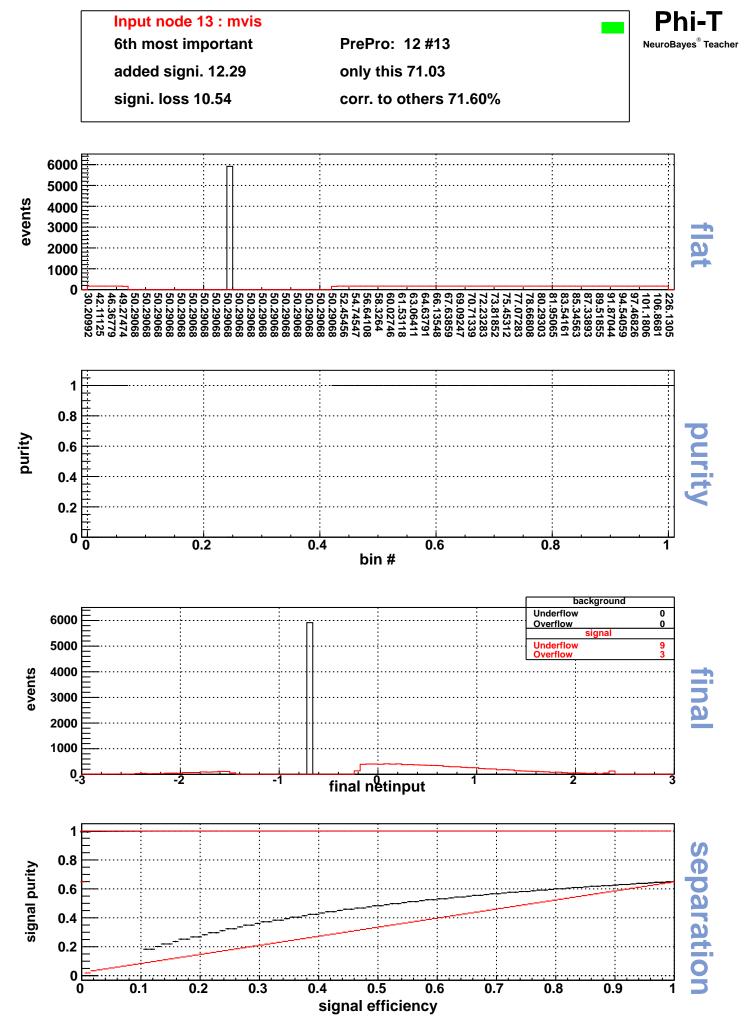


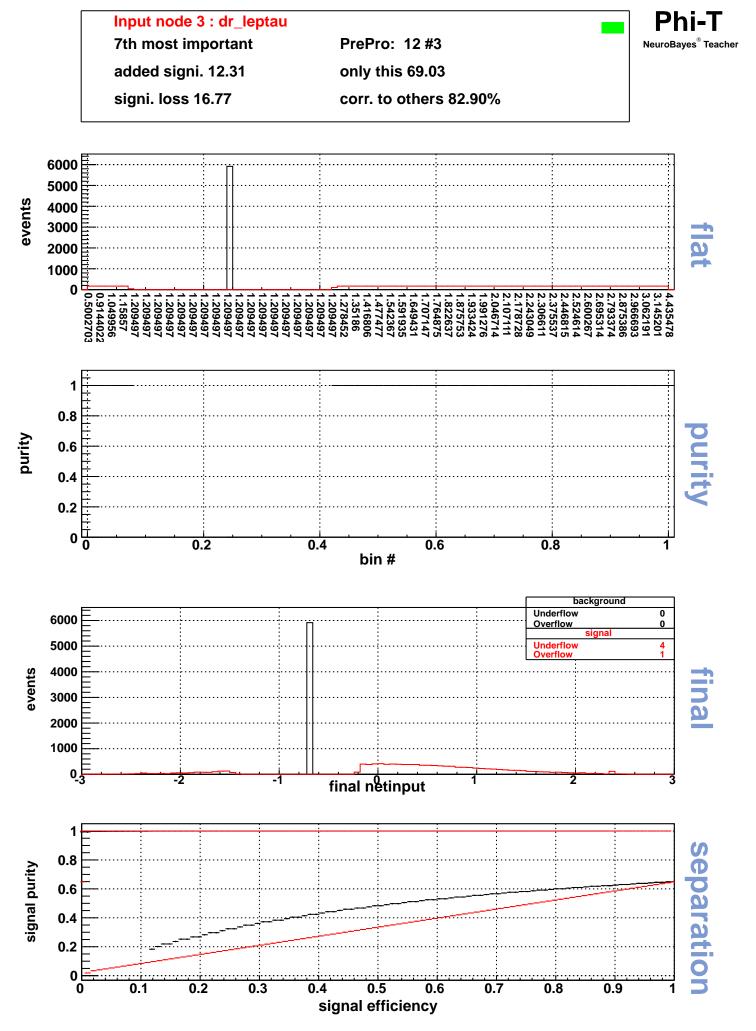


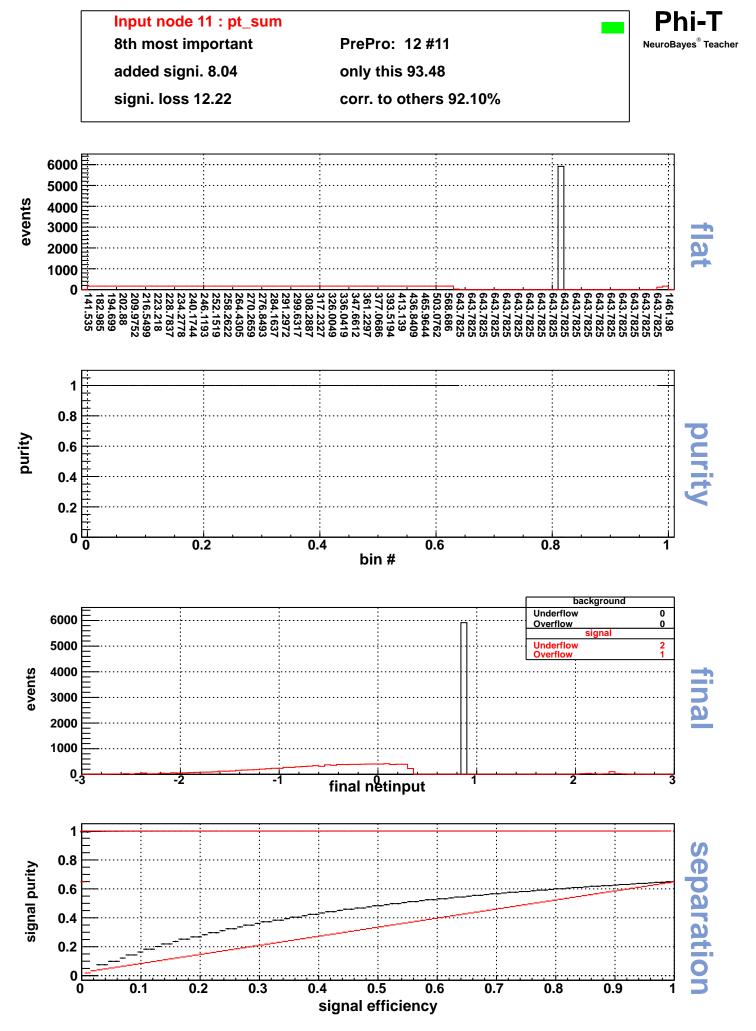


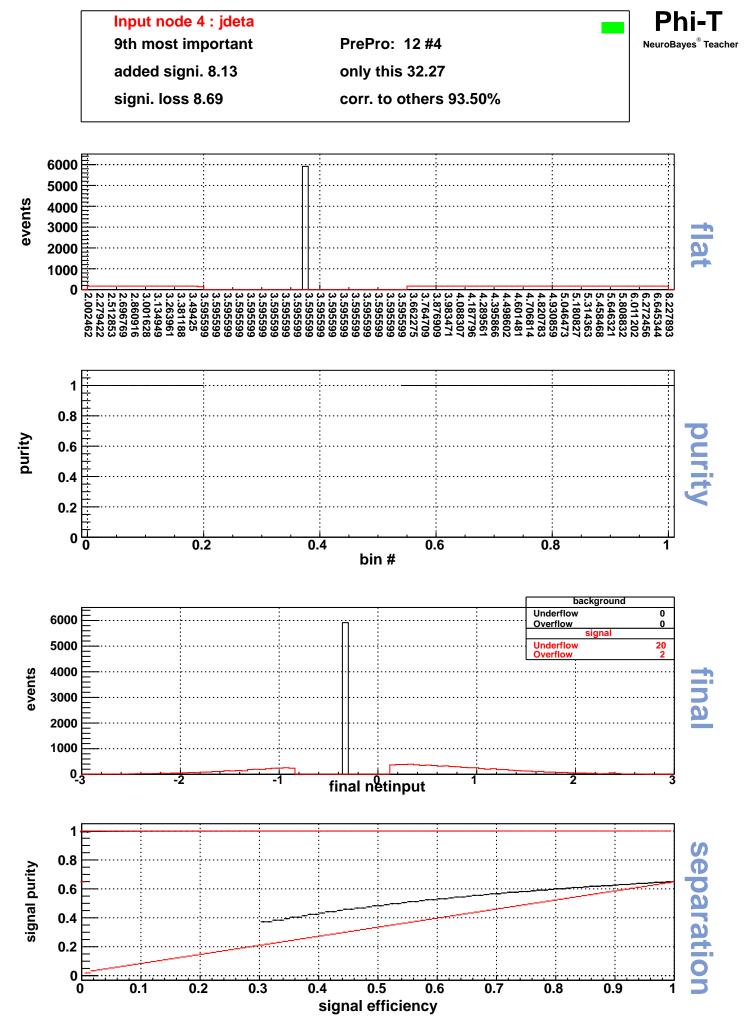


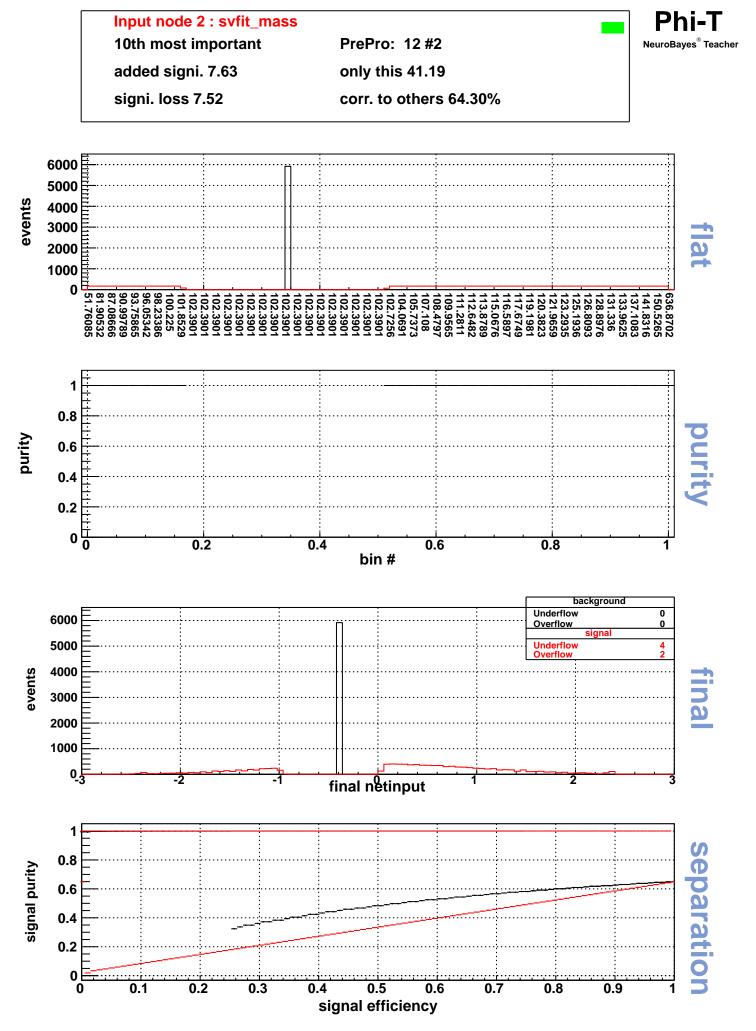
Input node 12 : sphericity PrePro: 12 #12 5th most important added signi. 21.41 only this 55.91 signi. loss 21.97 corr. to others 77.00% 6000 5000 events 4000 3000 2000 1000 0 0.0996 0.0765 0.068 0.0607 0.0538 0.0432 0.039 0.0319 0.0319 0.0319 0.0318 0.0253232 0.0228 0.0228 0.0228 0.0228 0.0164 0.0164 0.017382 0.0144 0.0164 0.017382 0.00144 0.017382 0.00143 0.000843 0.000843 0.000843 0.000841 0.00087 0.00087 0.1463259 0.1237446 0.1133791 0.113379 0.113379 0.113379 1 0.8 0.6 0.4 0.2 0 0.2 0.4 0.6 8.0 bin# background Underflow 0 6000 Overflow 5000 4000 events 3000 2000 1000 0<u>5</u> final netinput 1 separation 8.0 signal purity 0.6 0.4 0.2 0 0 0.1 0.2 0.3 0.7 8.0 0.9 signal efficiency

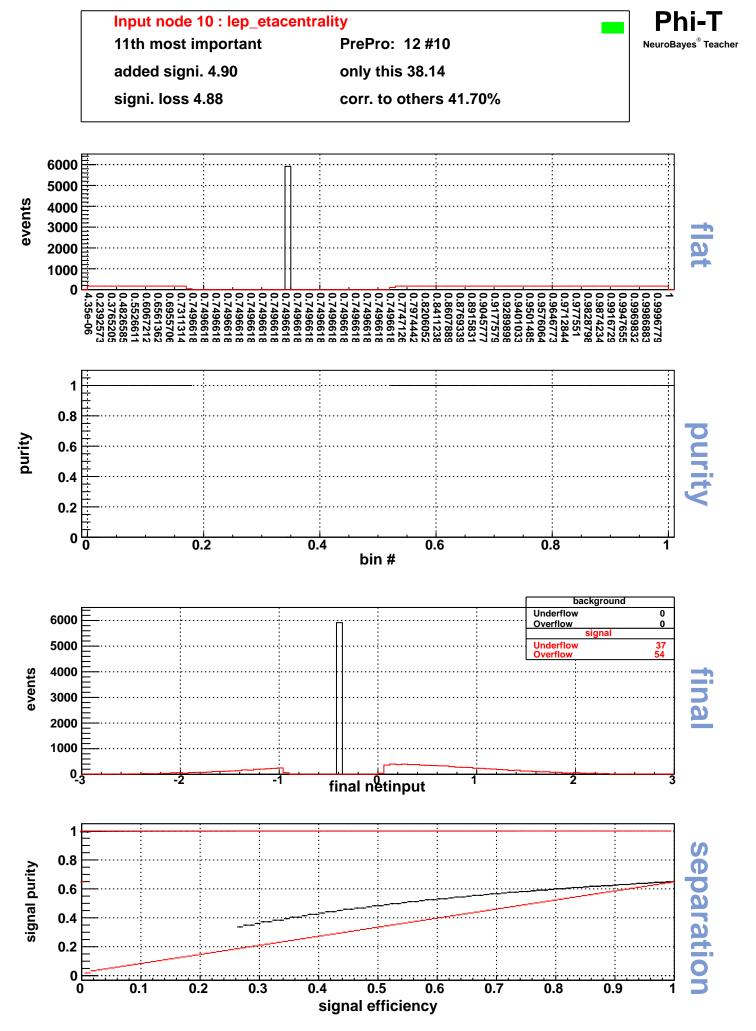


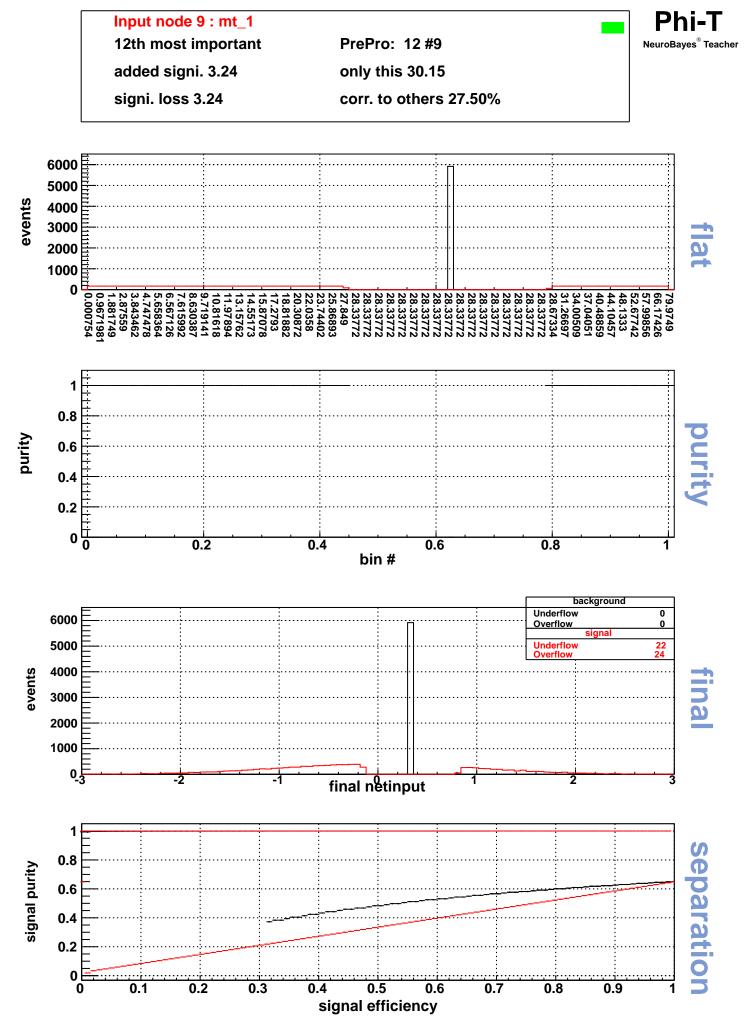




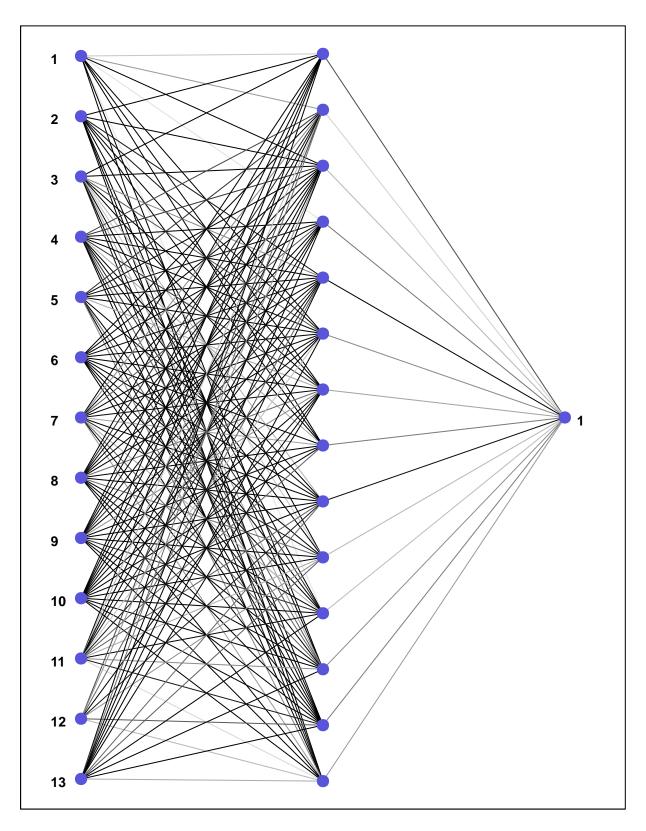








Network at iteration 100



input layer hidden layer output layer