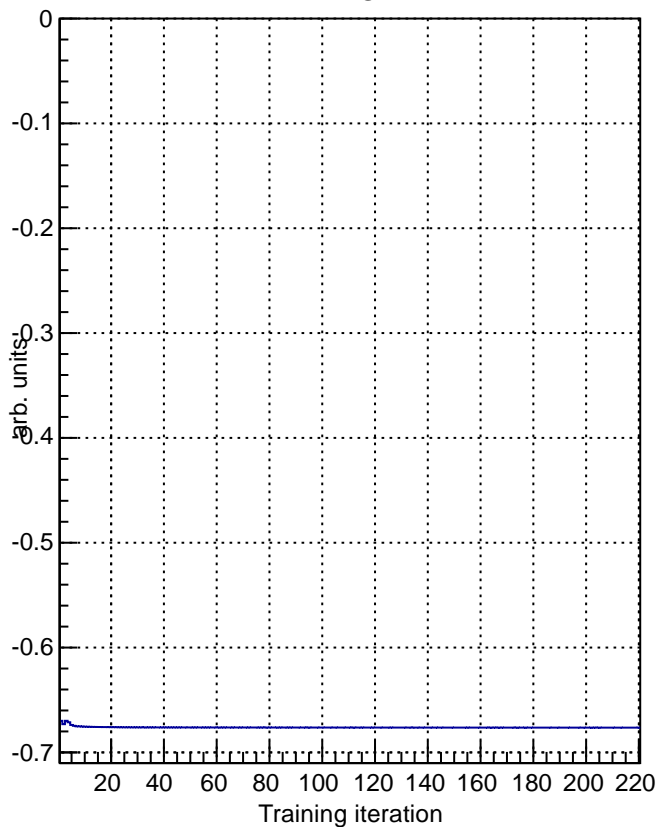
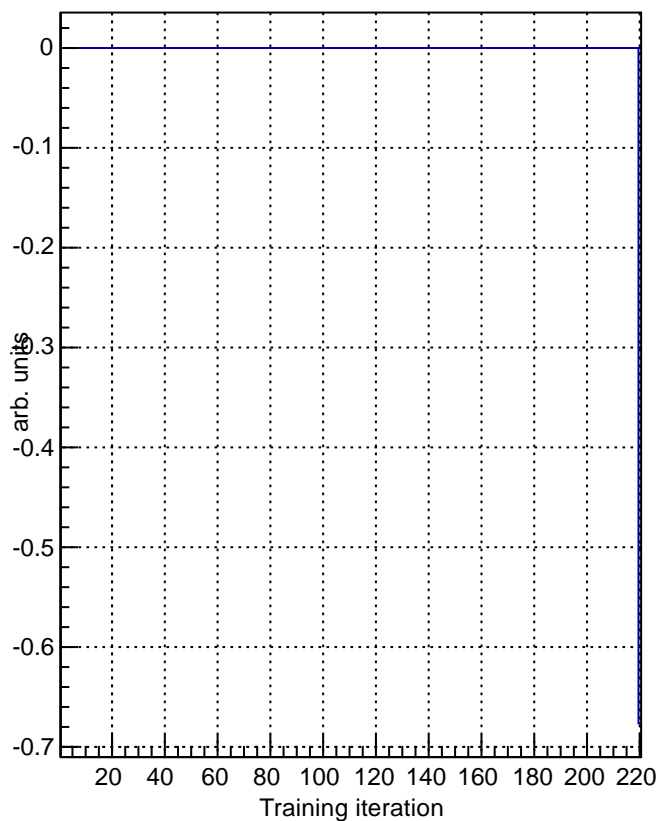


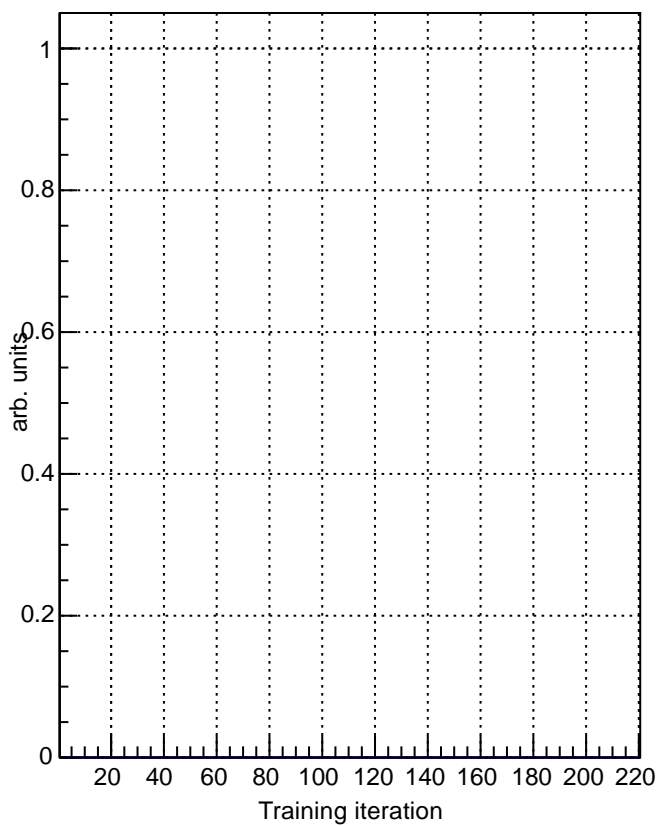
Error



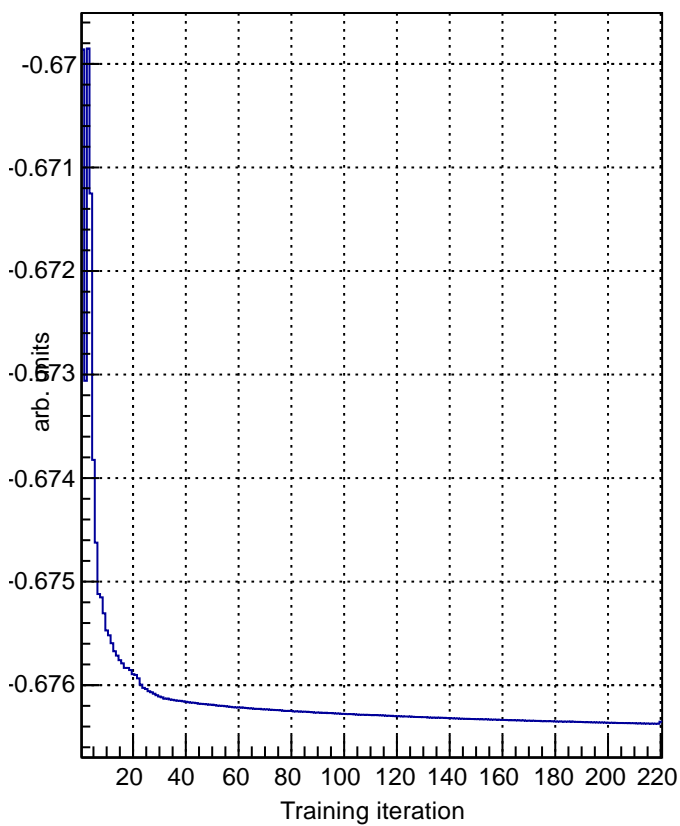
Error Testsample



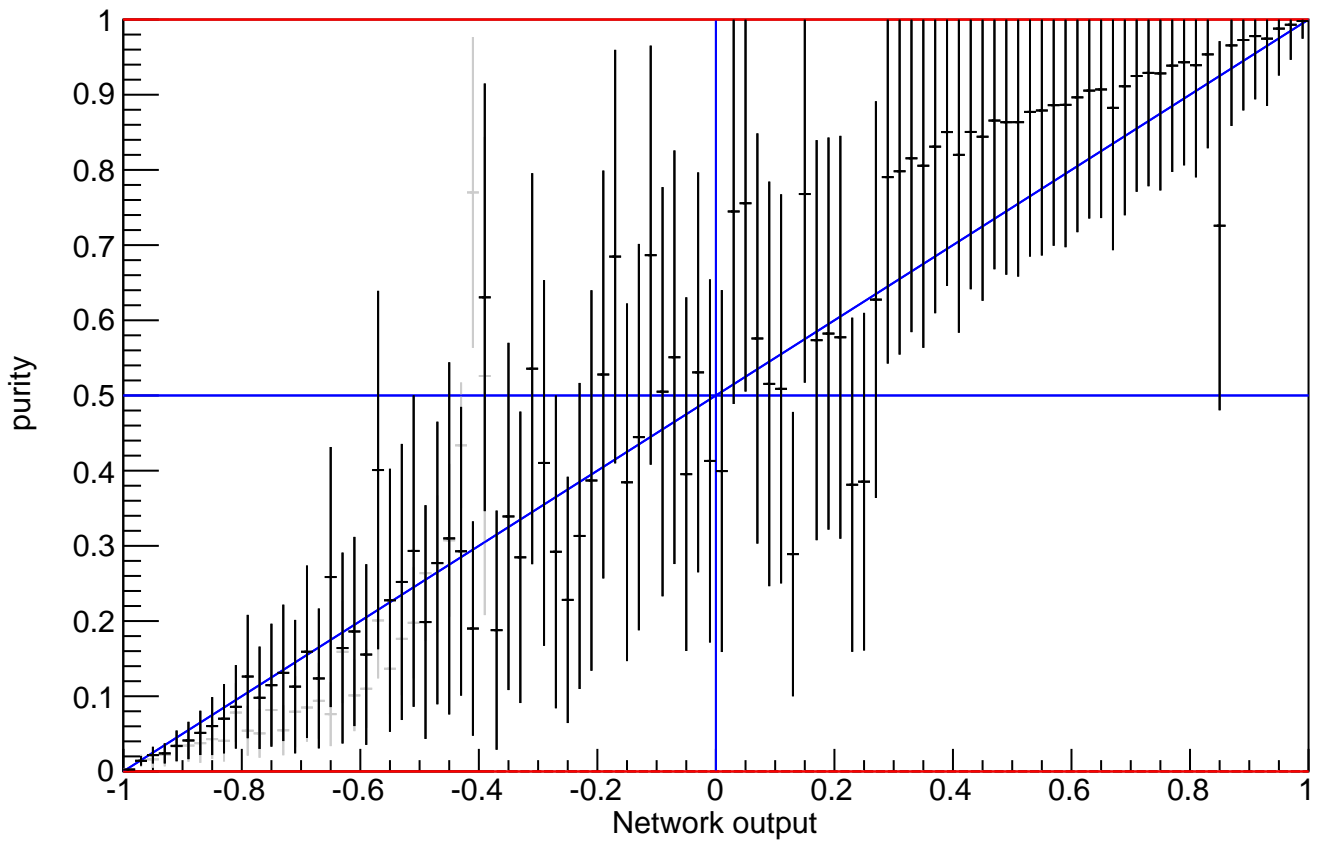
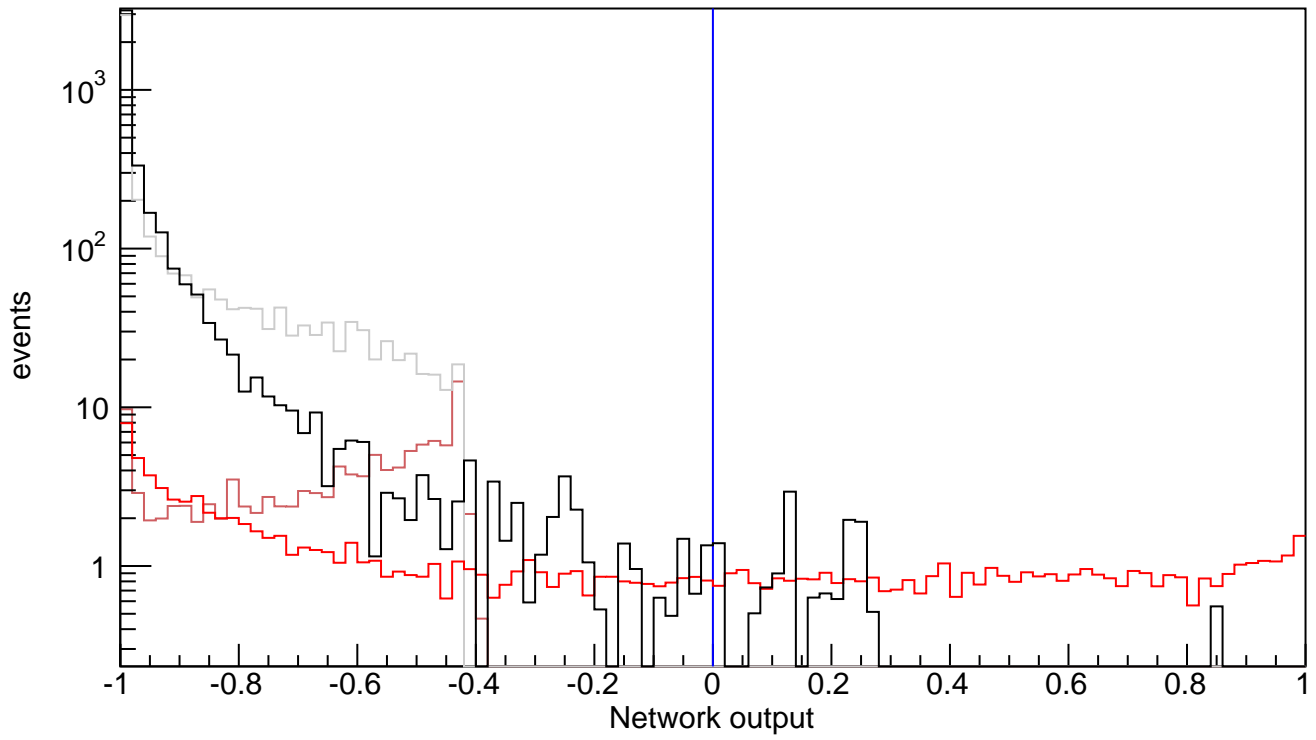
regularisation param. * weights

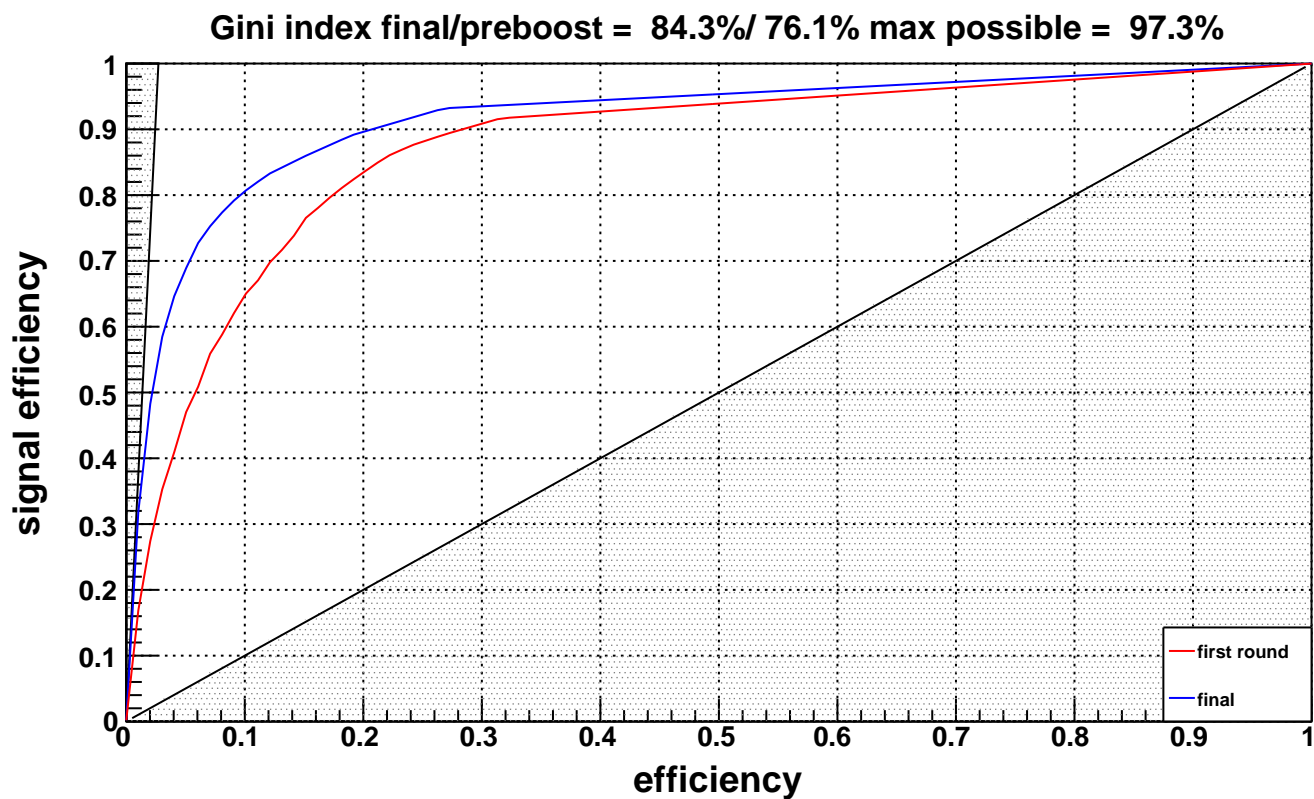
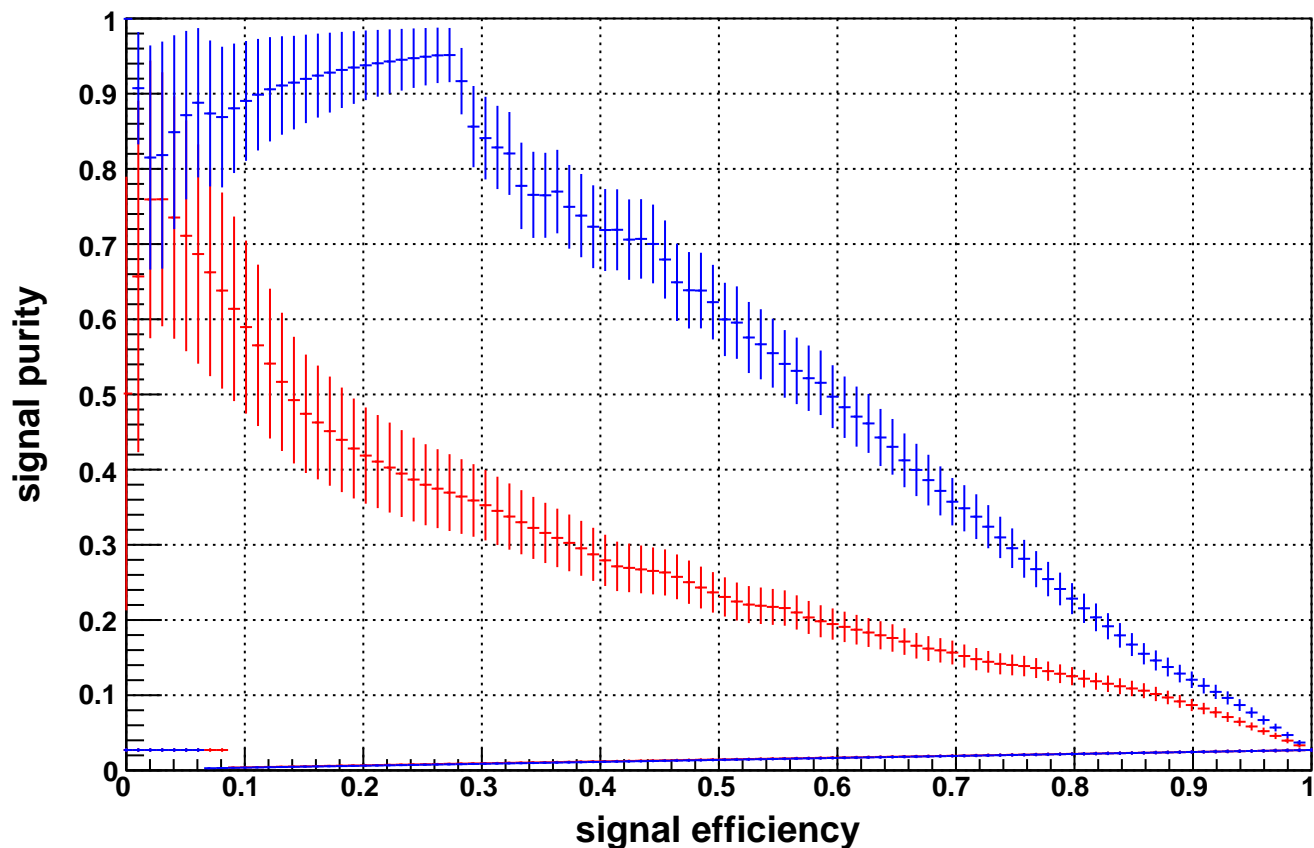


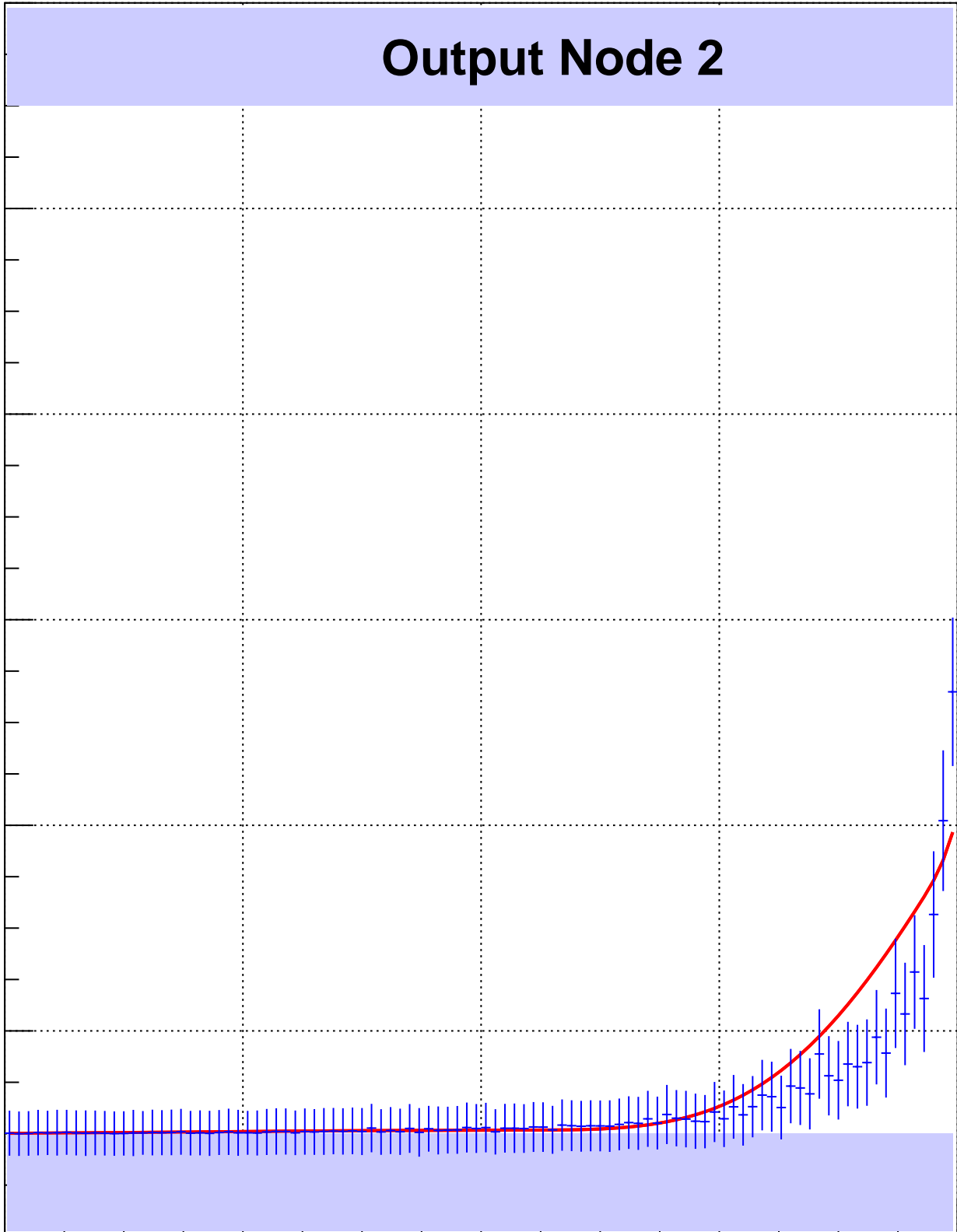
Err-Weight Learnsample



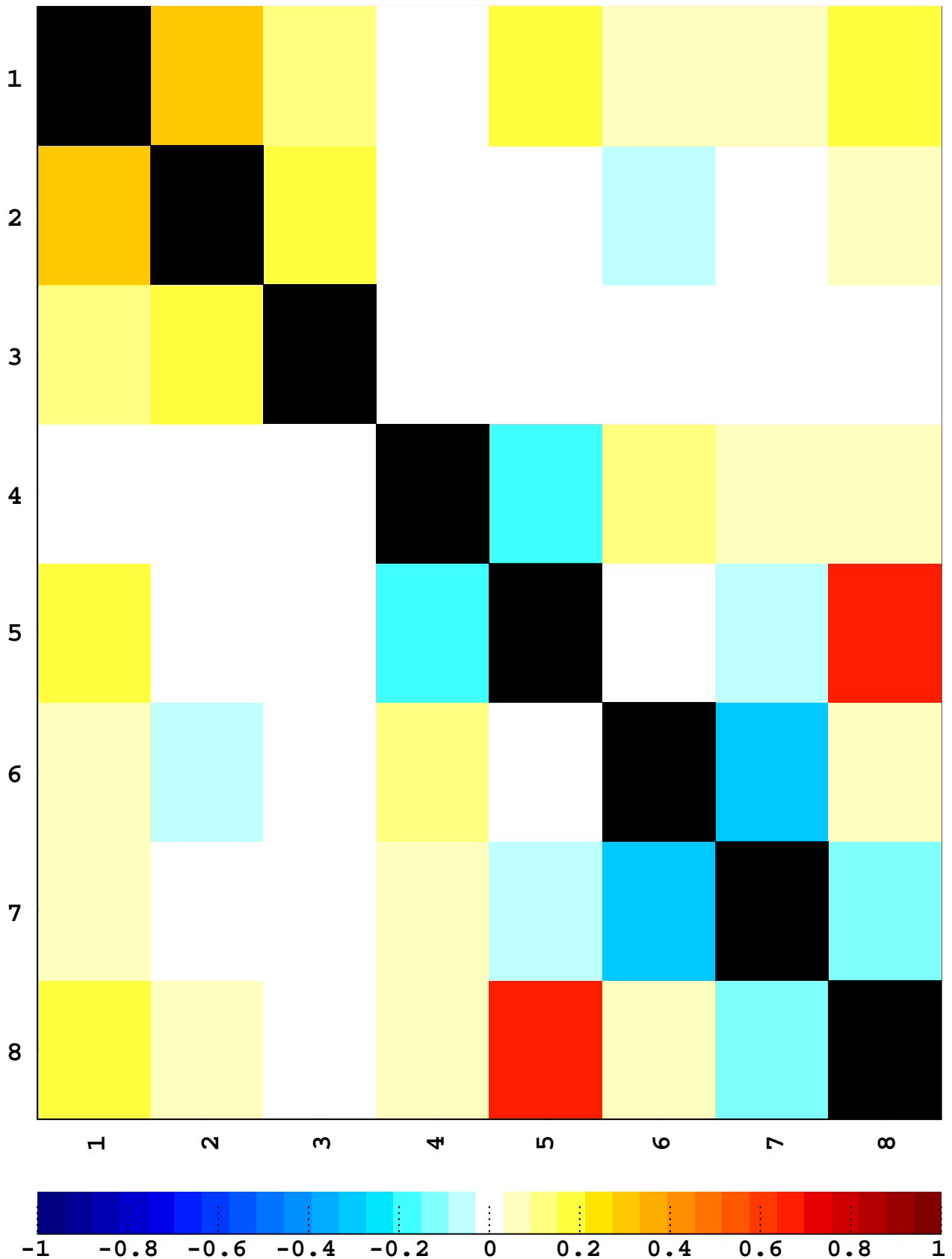
Output Node 1 (n = 4341.3 s = 116.782 b = 4224.52 $p_{\text{sig}} = 0.0269$)



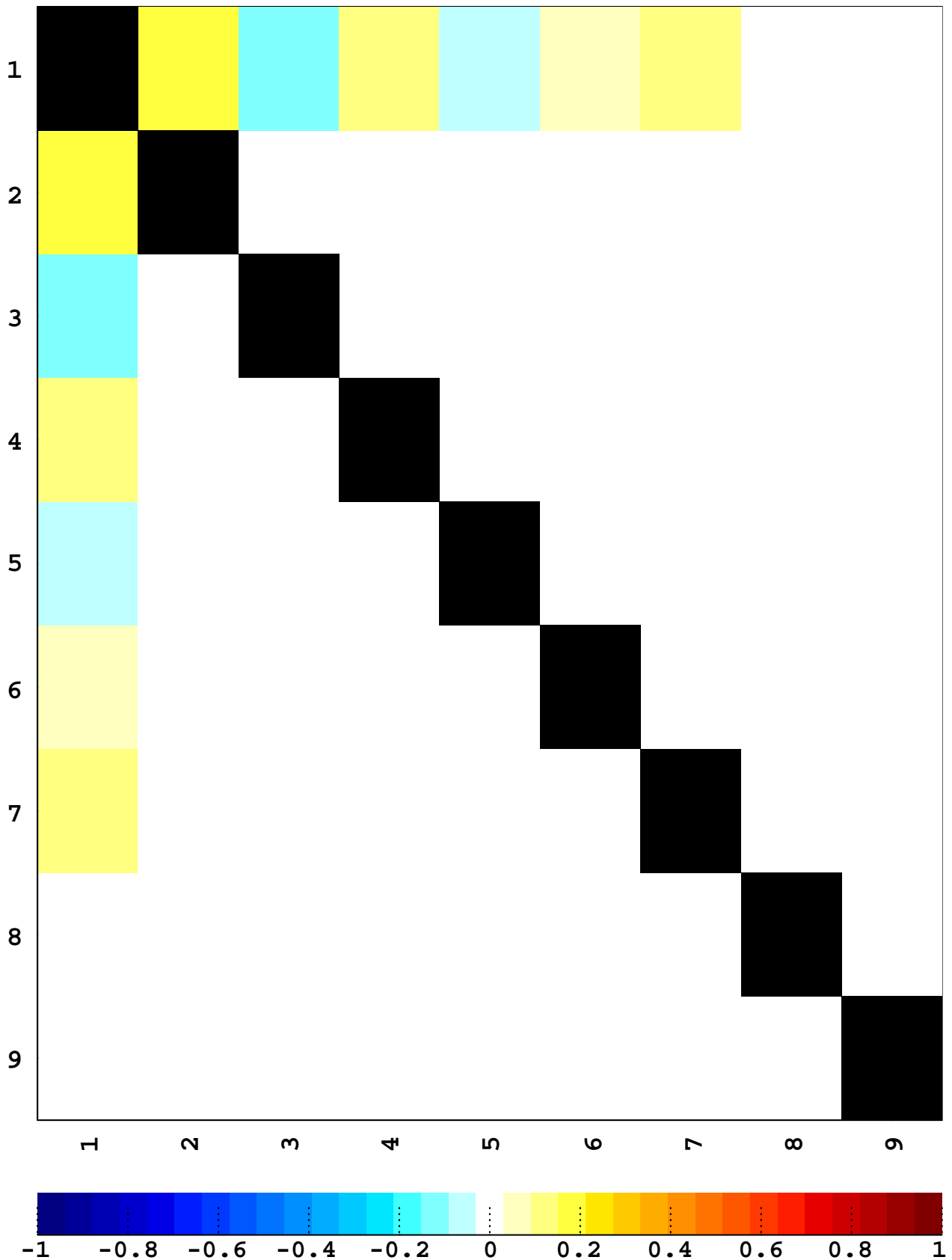


Output Node 2

correlation matrix of input variables



correlation matrix of input variables



Input node 2 : jdeta

1st most important

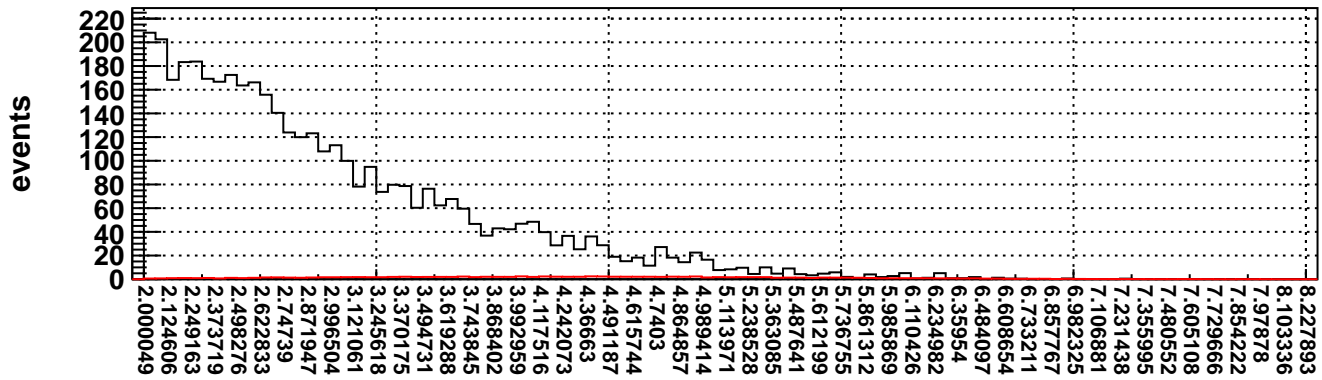
added signi. 18.92

signi. loss 17.76

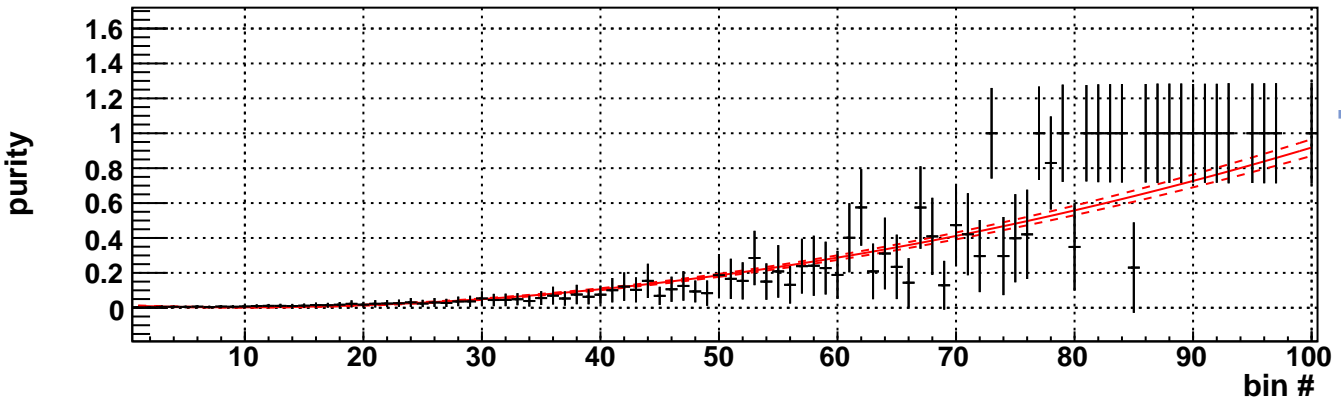
PrePro: 24 #2

only this 18.92

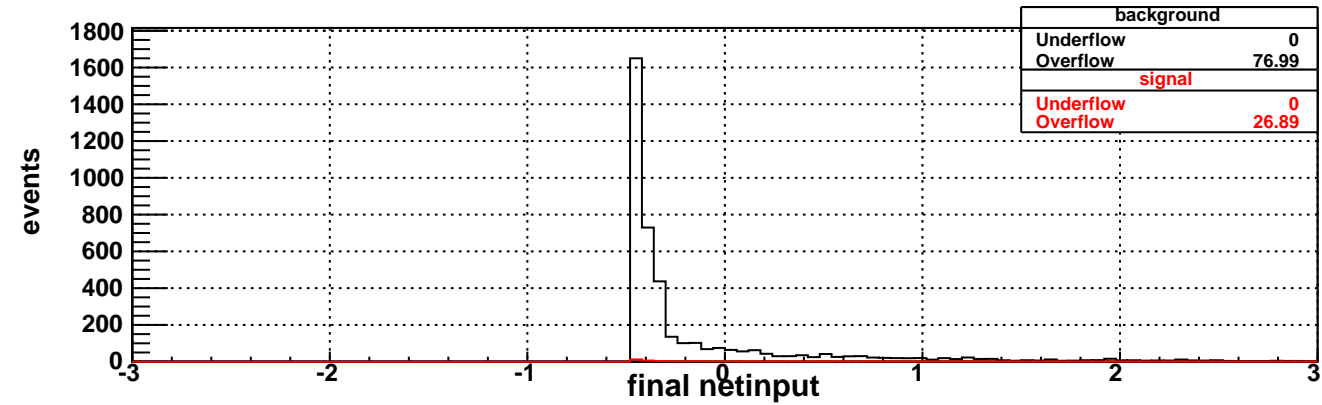
corr. to others 20.40%



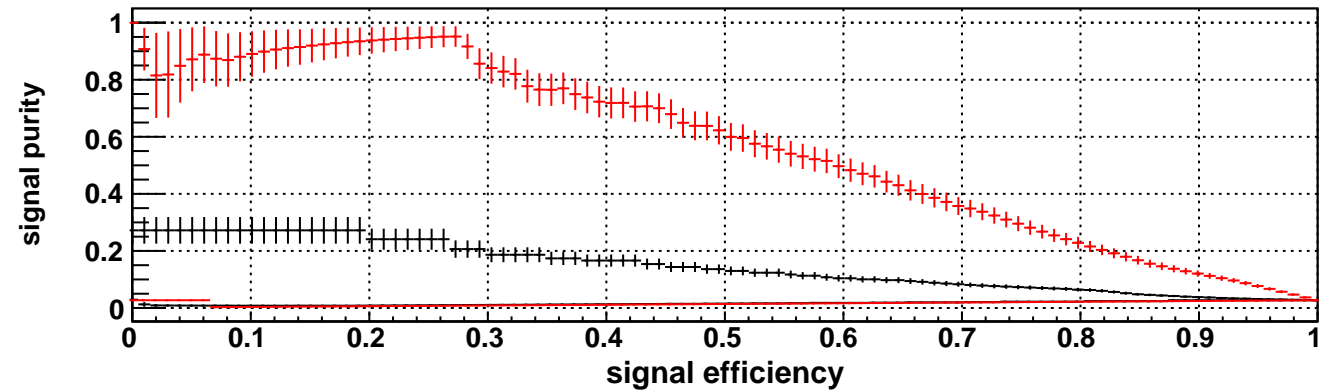
flat



spline fit



final



separation

Input node 8 : svfit_mass

2nd most important

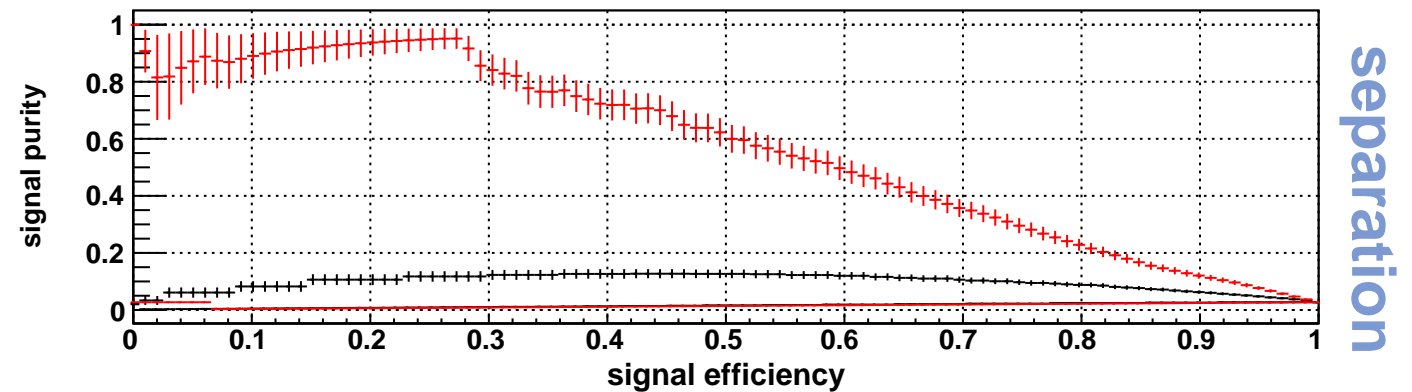
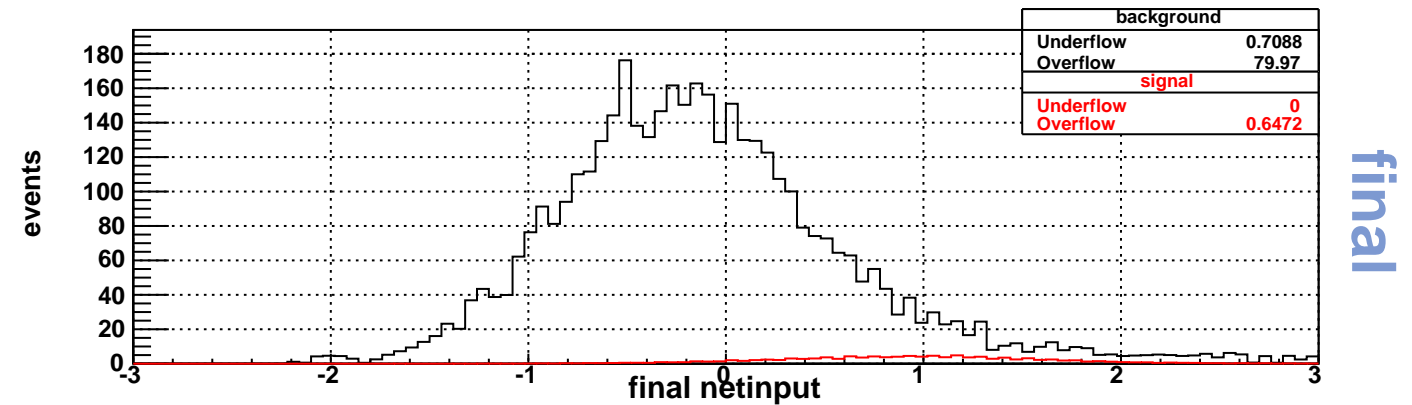
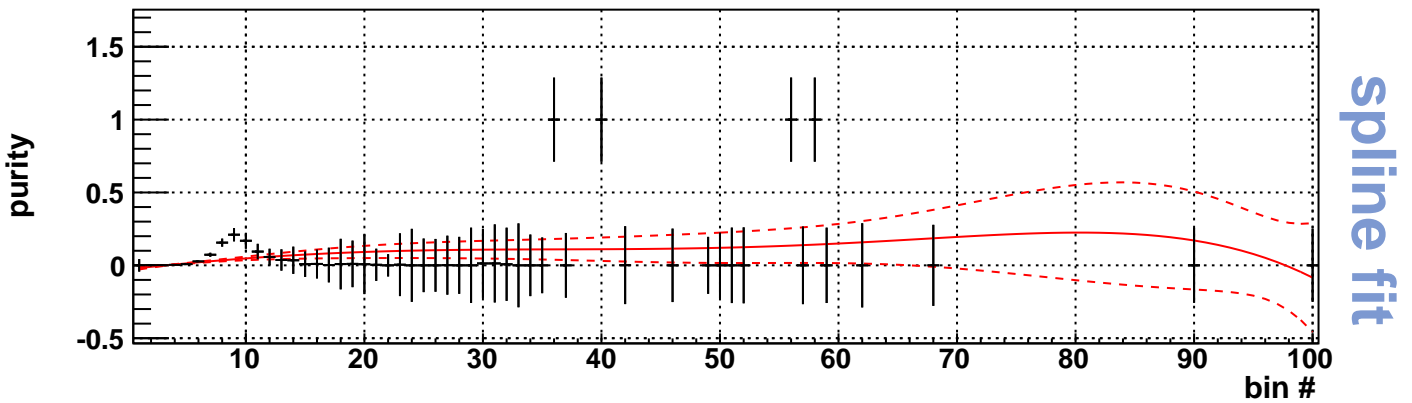
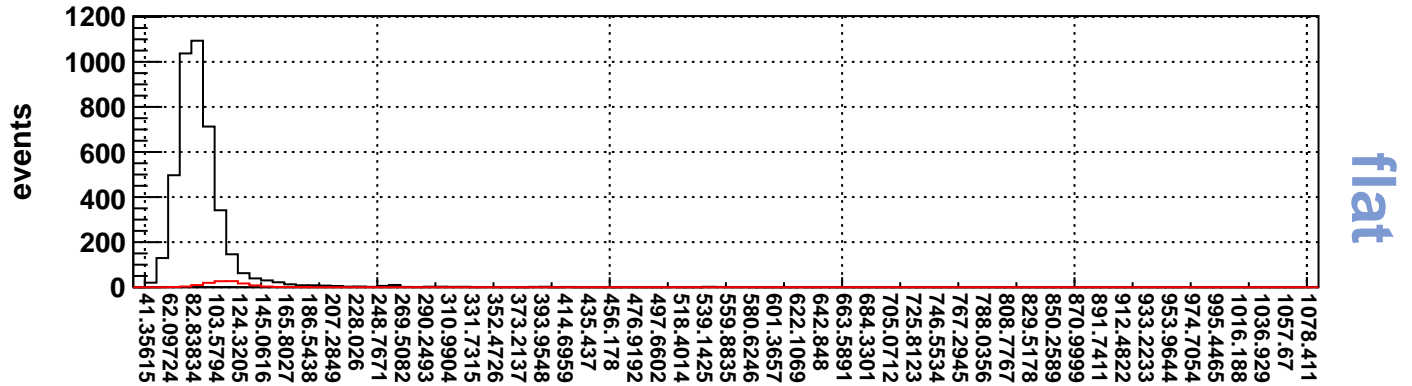
added signi. 9.66

signi. loss 4.54

PrePro: 24 #8

only this 10.28

corr. to others 67.40%



Input node 7 : pt_tot

3rd most important

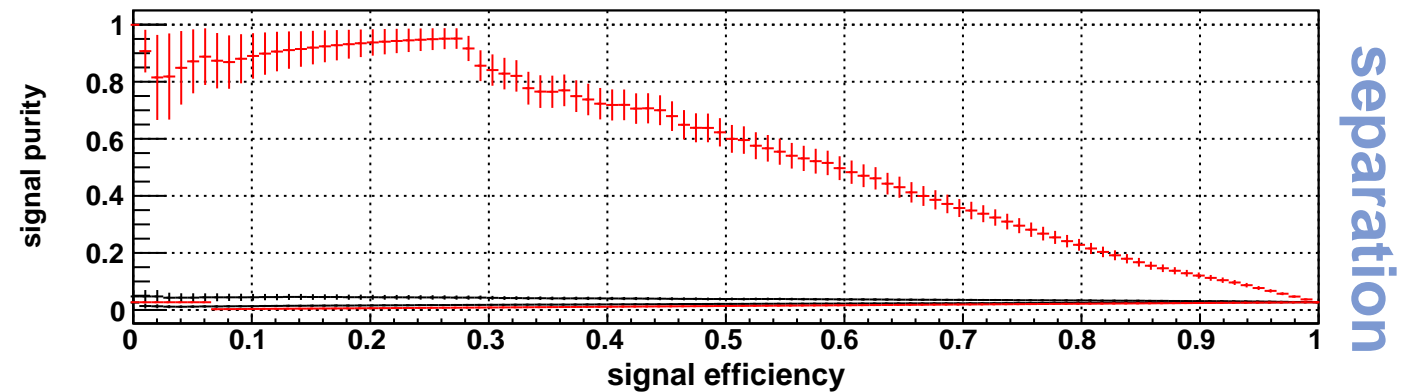
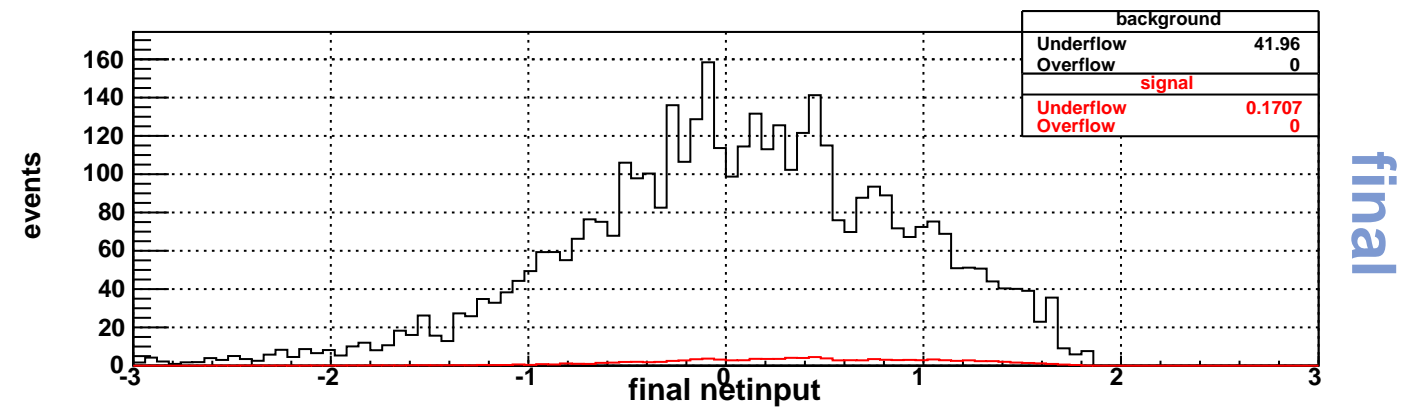
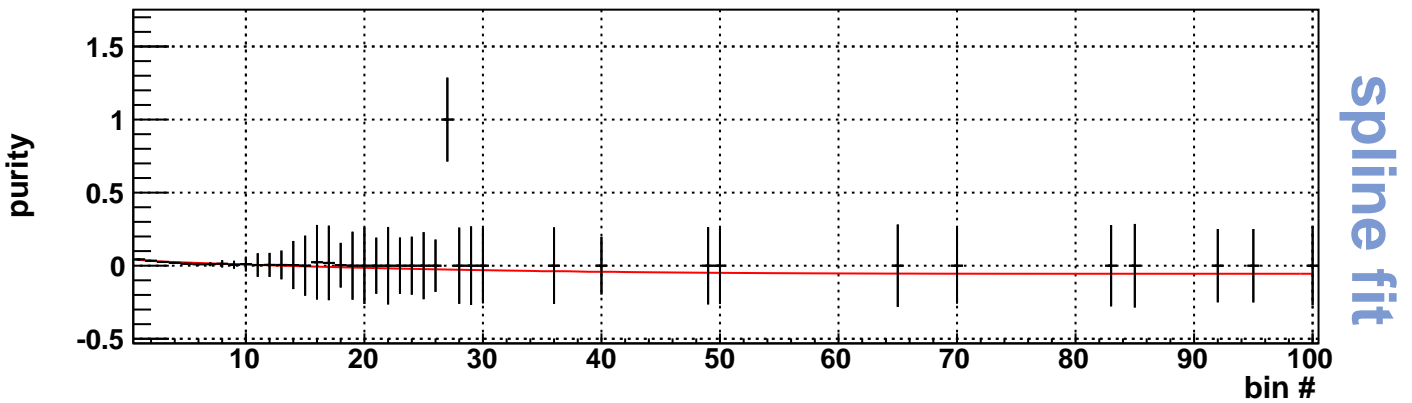
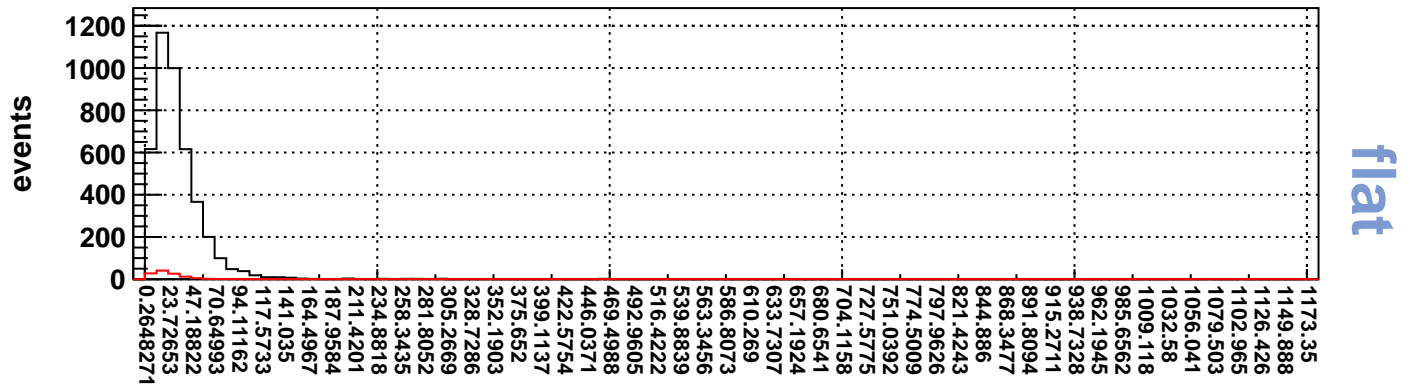
added signi. 5.40

signi. loss 6.59

PrePro: 25 #7

only this 3.84

corr. to others 35.70%



Input node 6 : pt_sum

4th most important

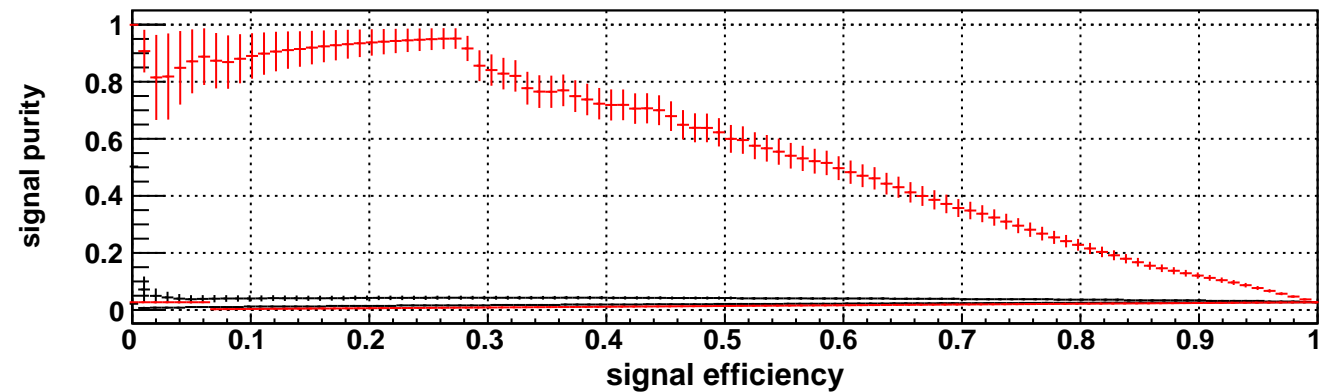
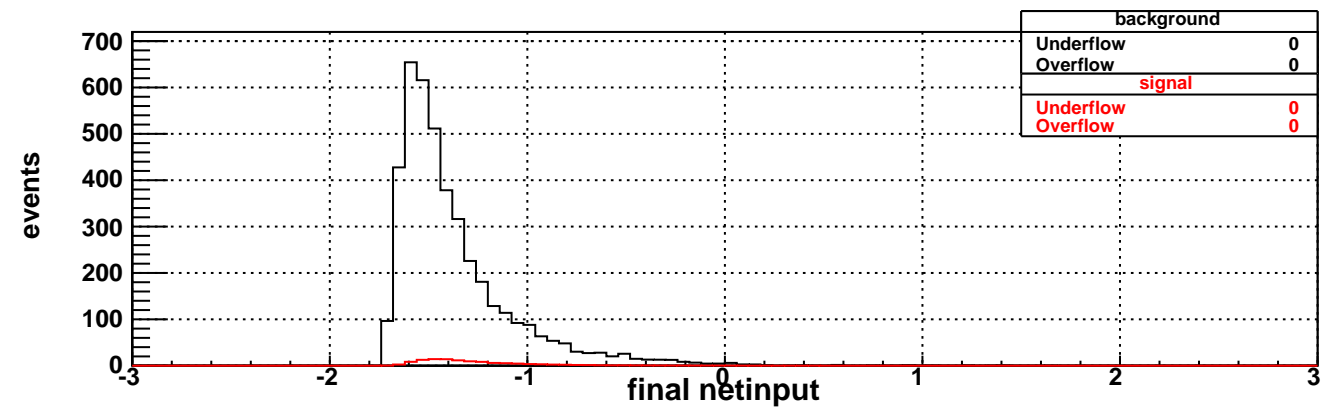
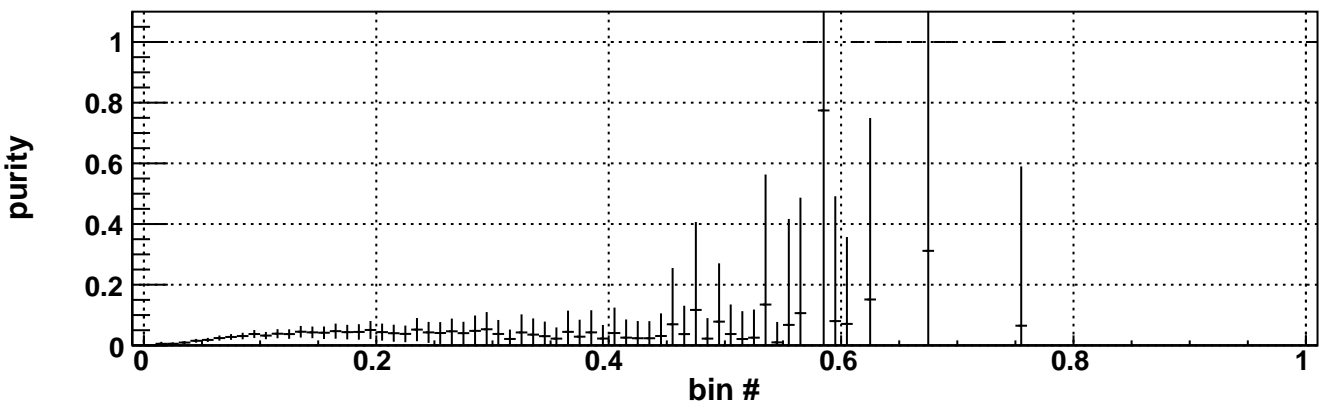
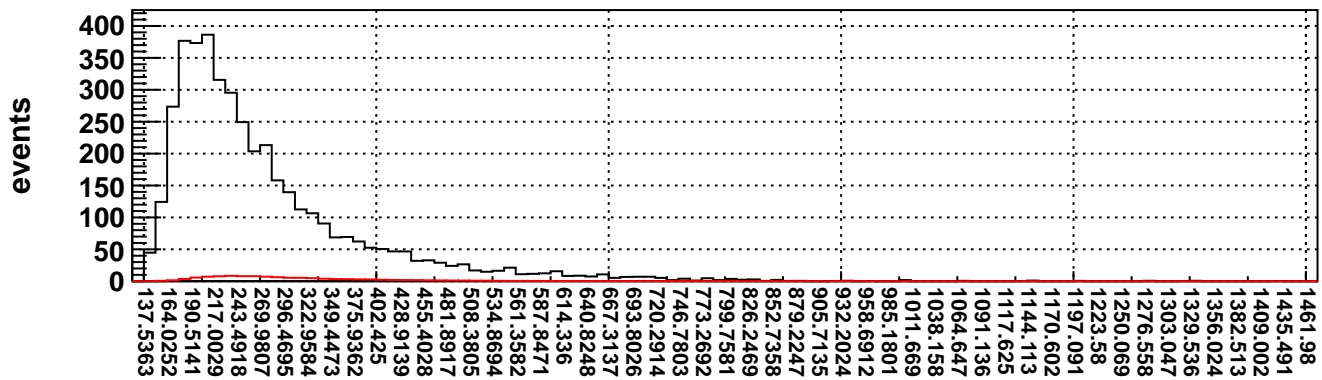
added signi. 5.90

signi. loss 6.08

PrePro: 23 #6

only this 3.66

corr. to others 35.30%



Input node 5 : mvis

5th most important

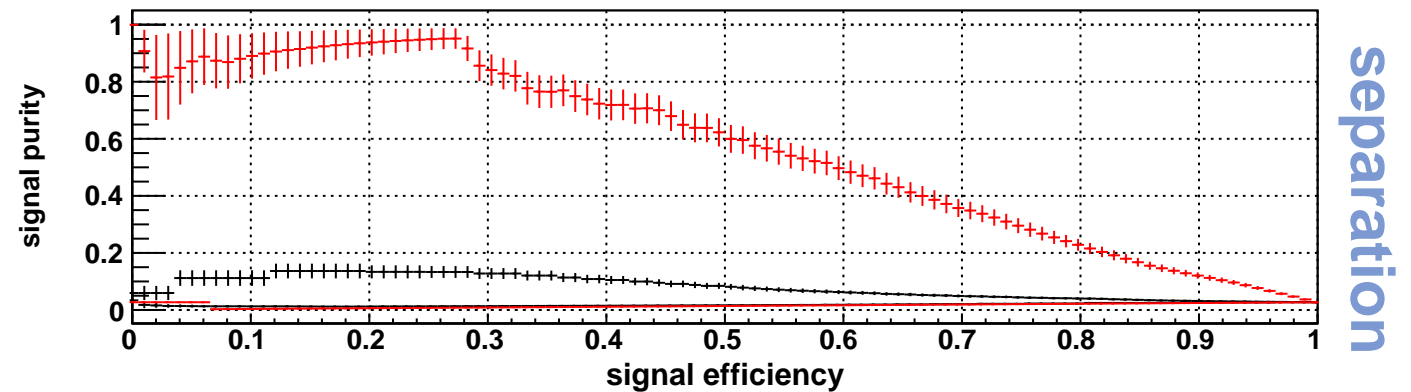
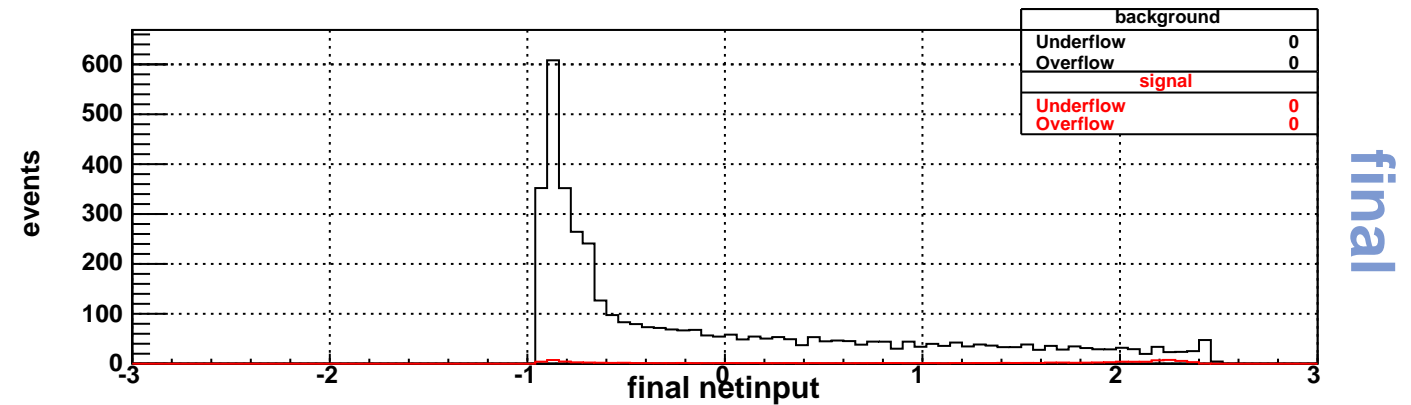
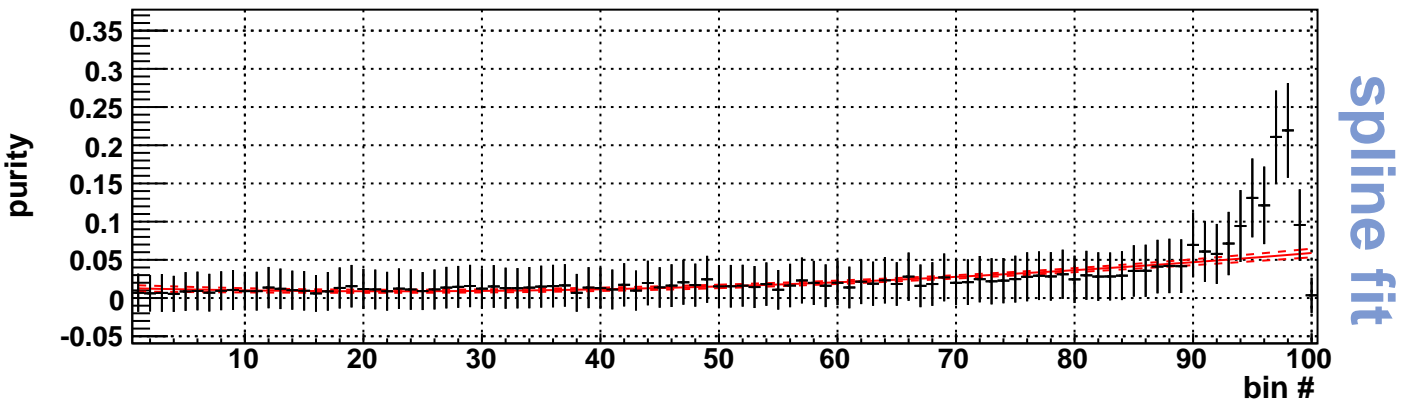
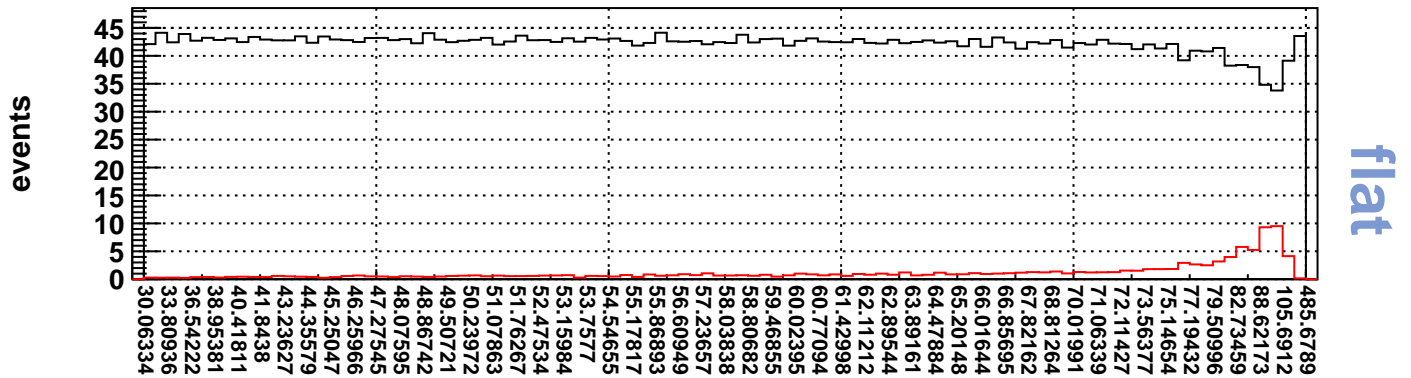
added signi. 4.67

signi. loss 4.59

PrePro: 14 #5

only this 10.08

corr. to others 67.90%



Input node 3 : lep_etacentrality

6th most important

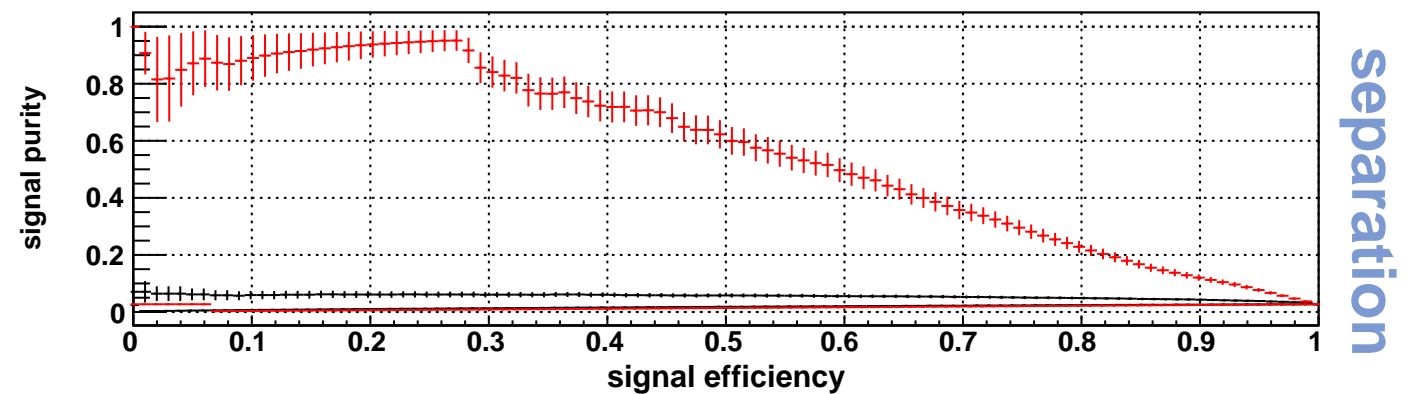
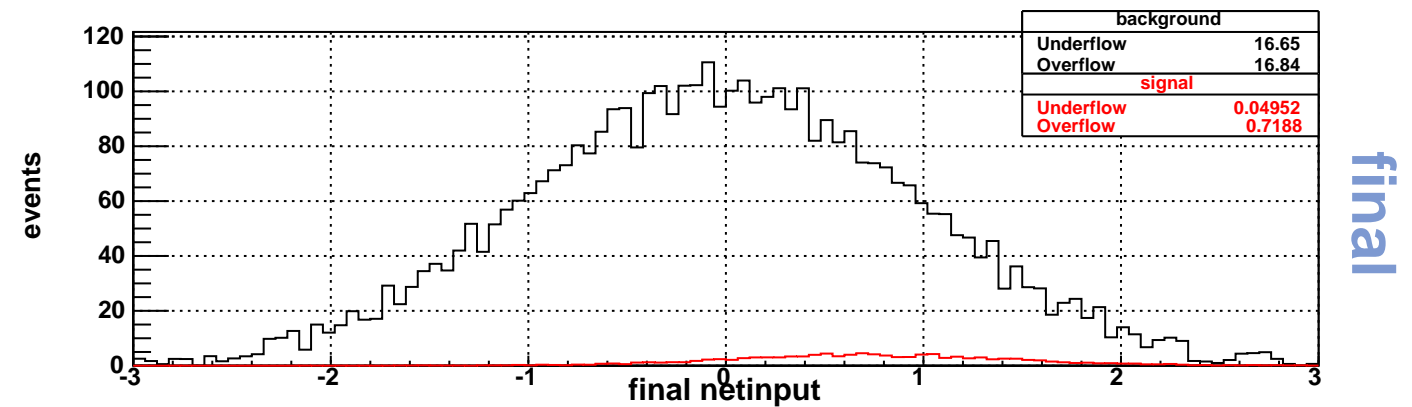
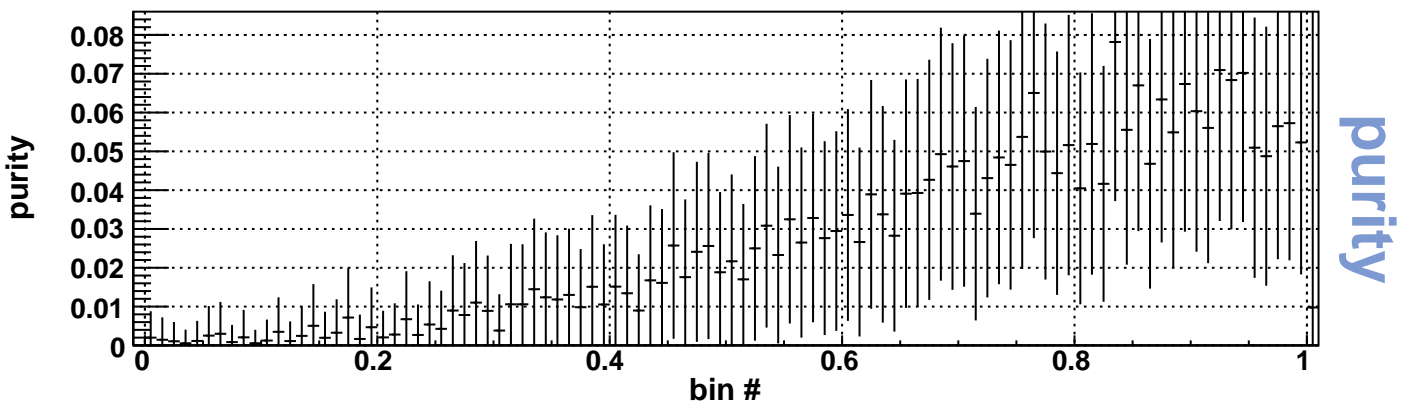
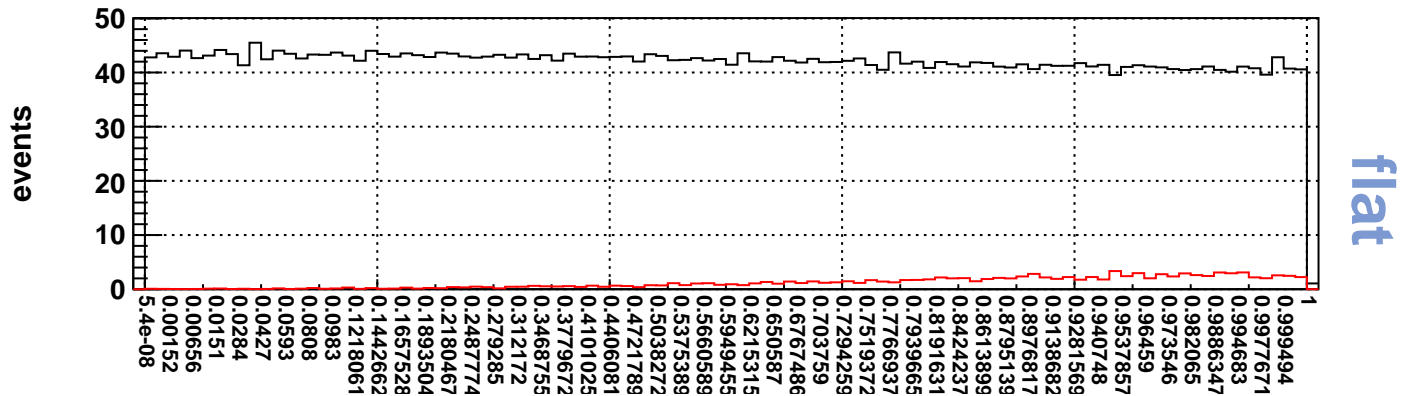
added signi. 4.09

signi. loss 4.08

PrePro: 12 #3

only this 8.00

corr. to others 19.40%



Input node 4 : met centrality

7th most important

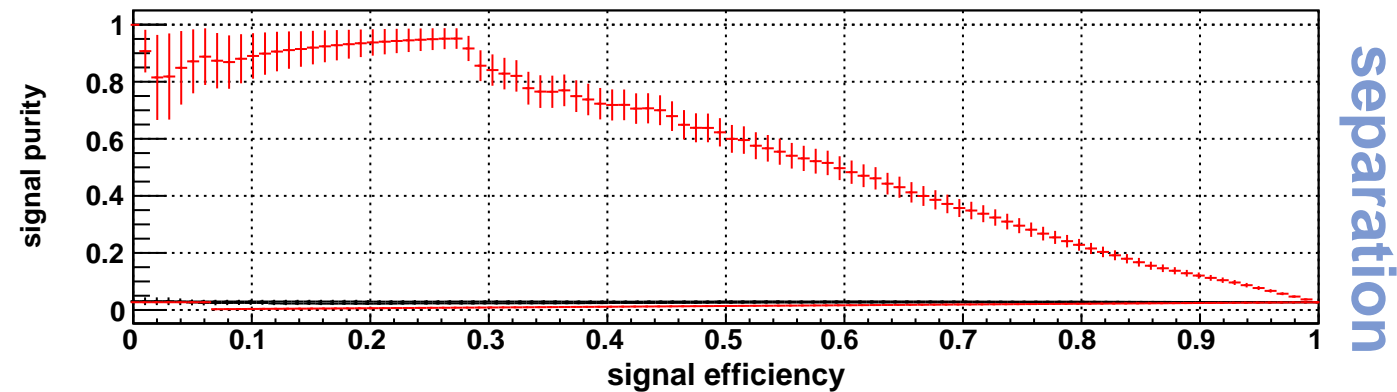
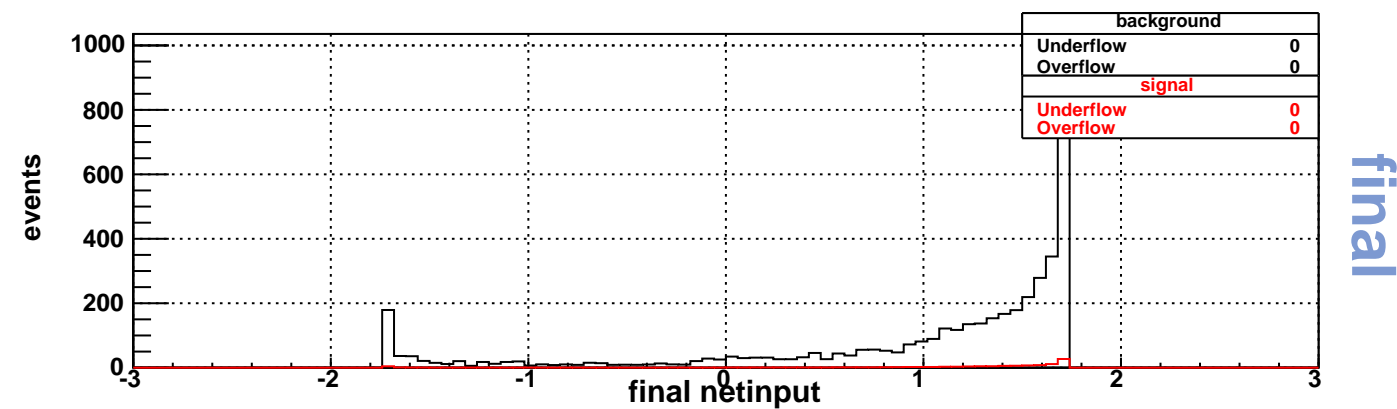
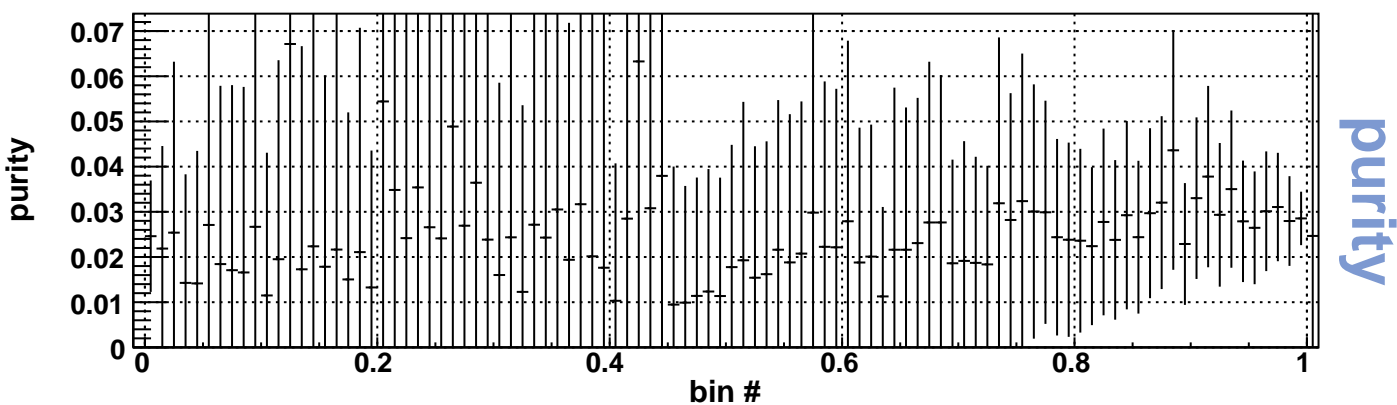
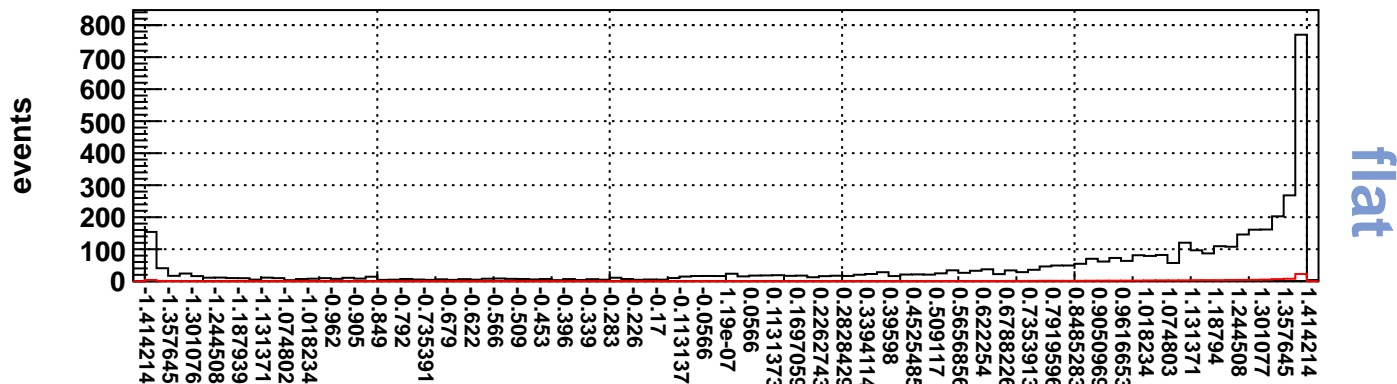
added signi. 0.63

signi. loss 0.63

PrePro: 23 #4

only this 1.12

corr. to others 31.70%



Network at iteration 220

