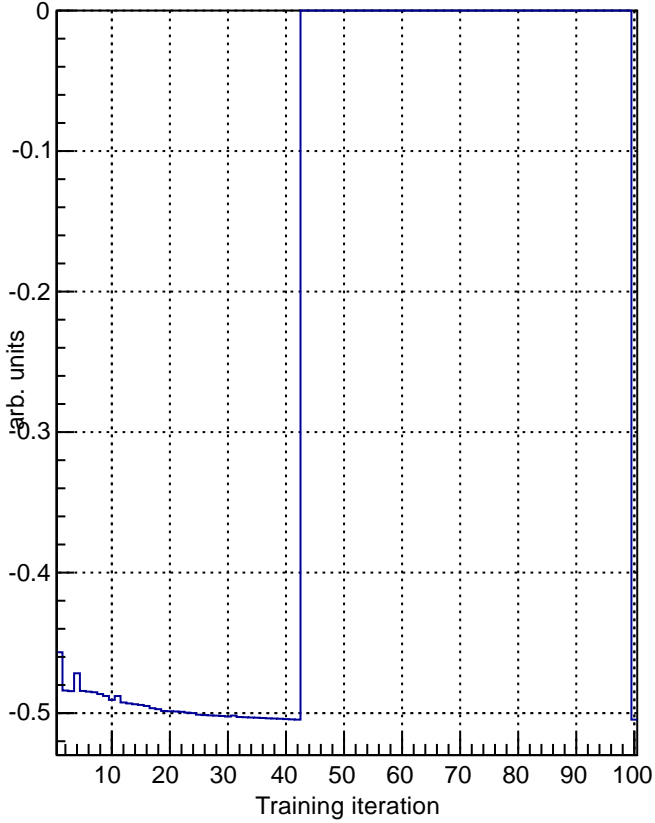
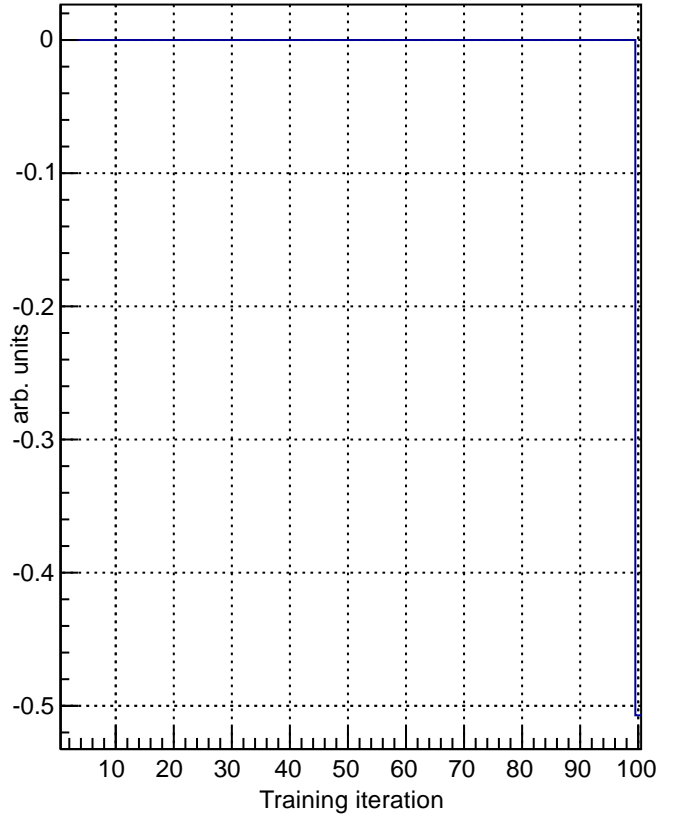


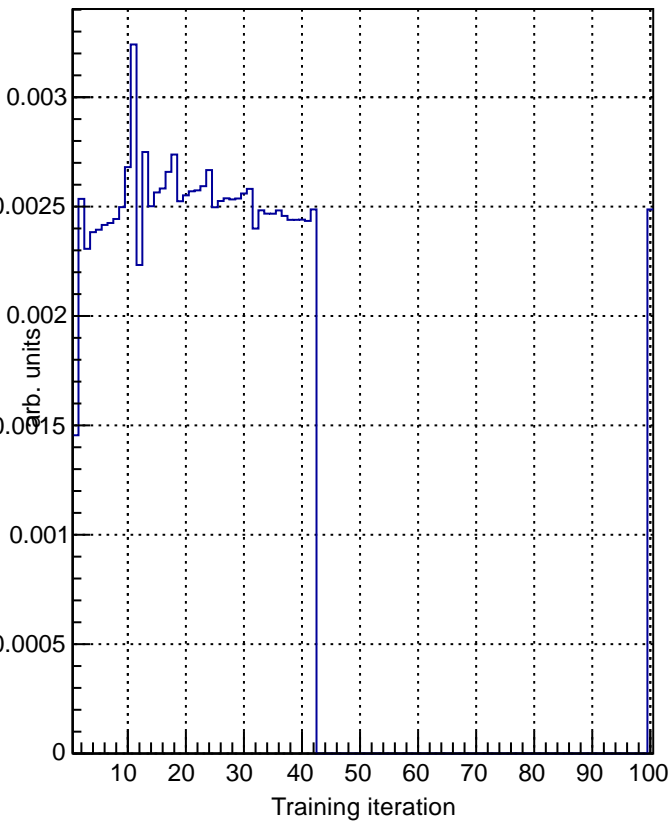
**Error**



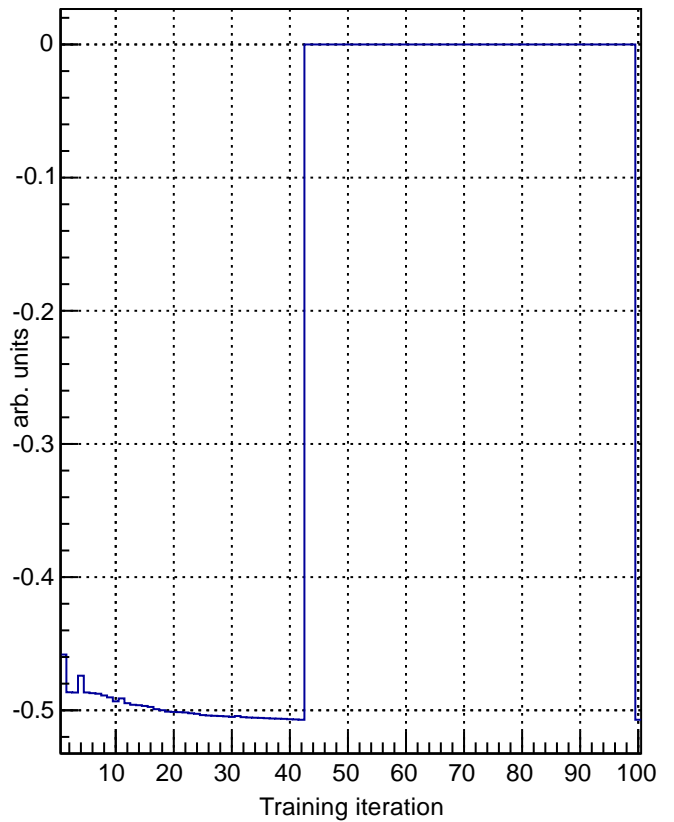
**Error Testsample**



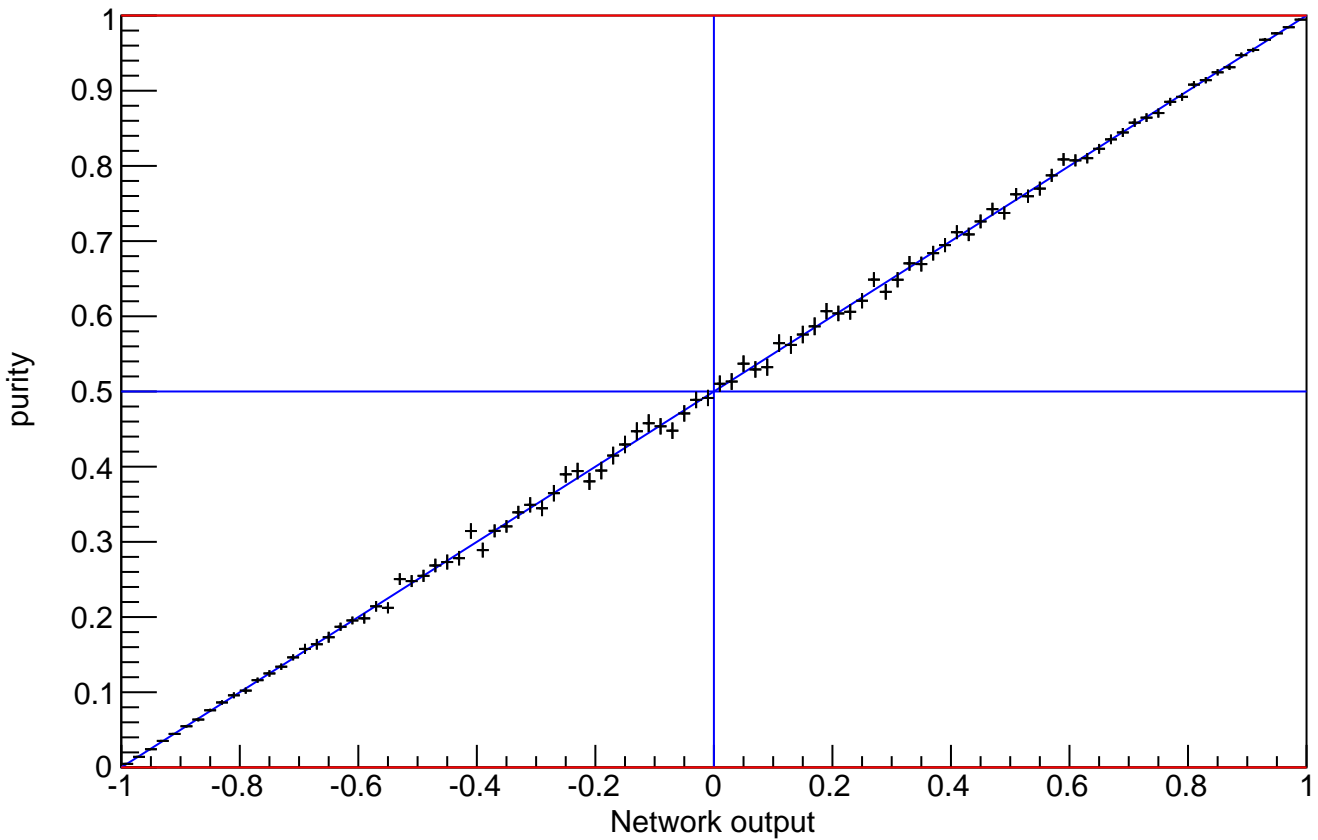
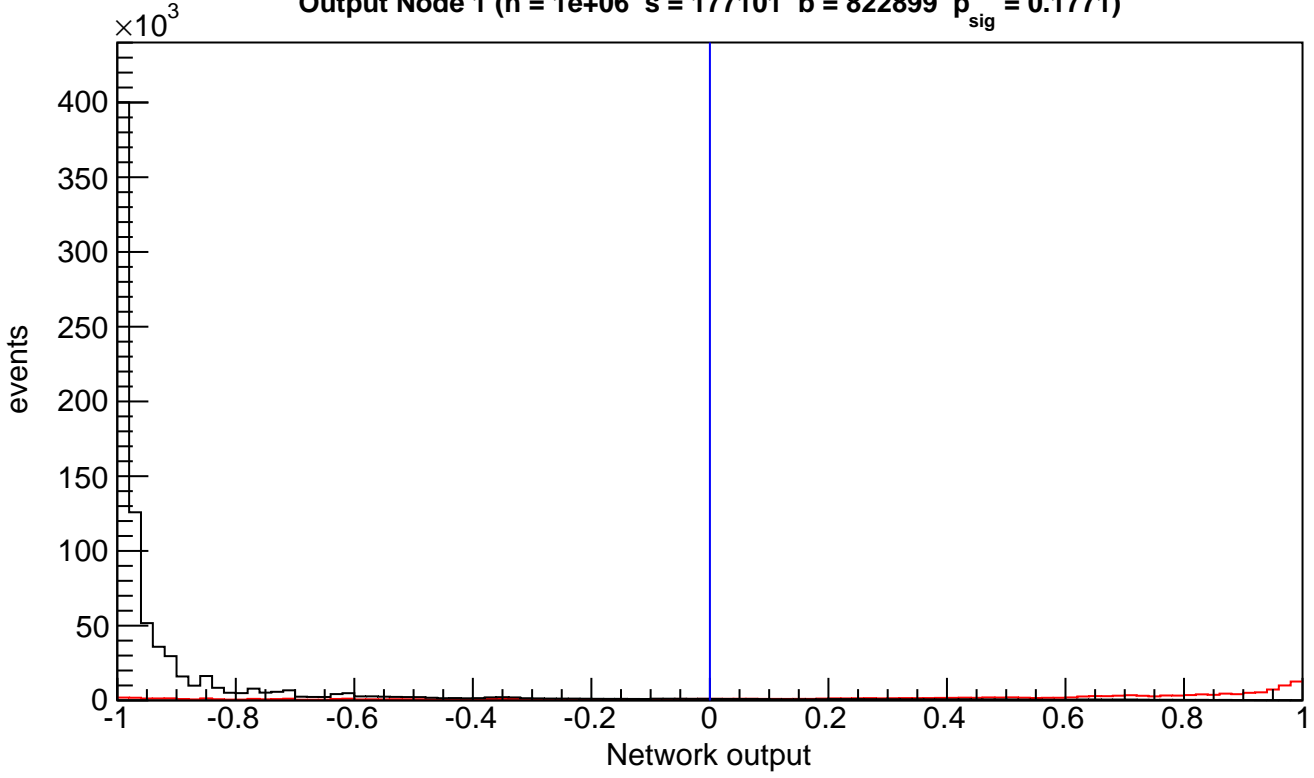
**regularisation param. \* weights**

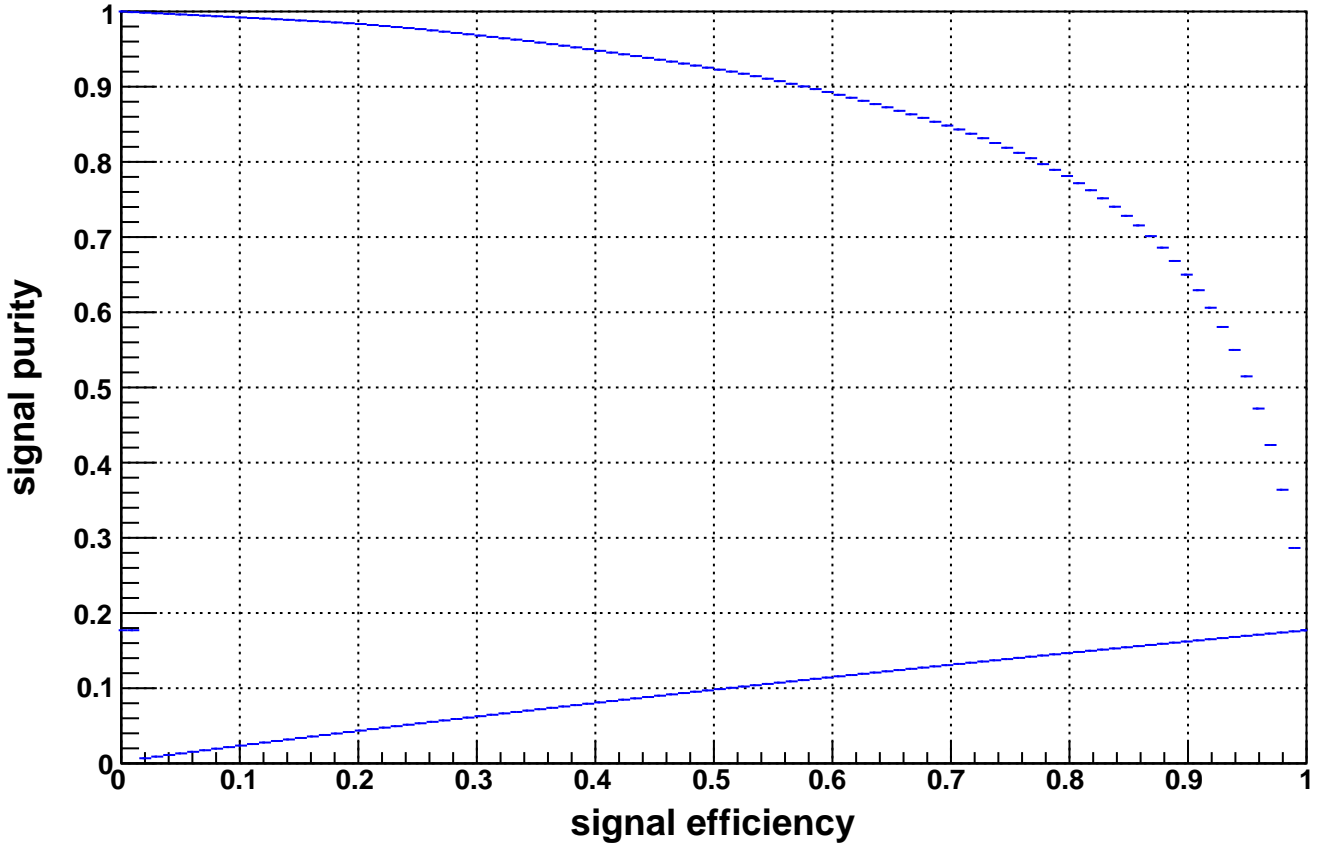


**Err-Weight Learnsample**

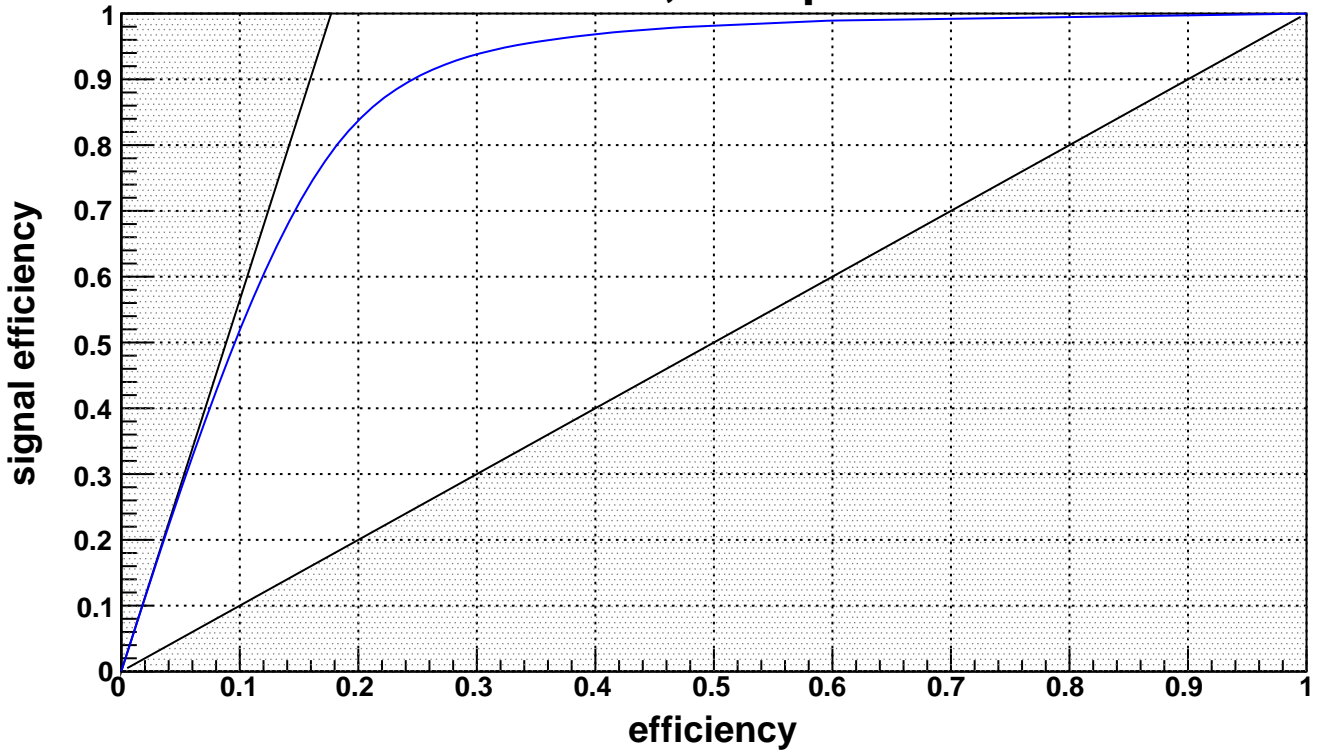


Output Node 1 (n = 1e+06 s = 177101 b = 822899 p<sub>sig</sub> = 0.1771)

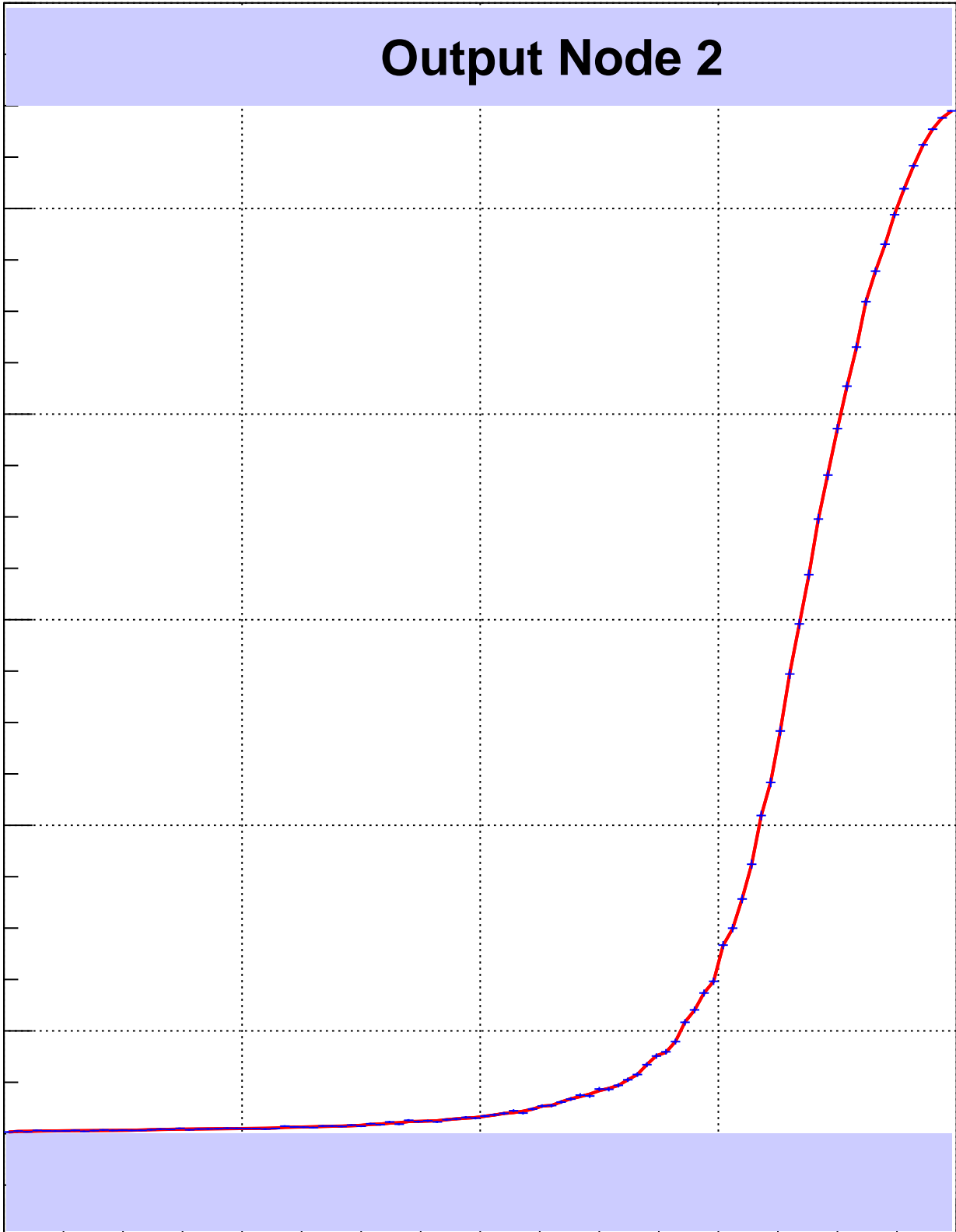




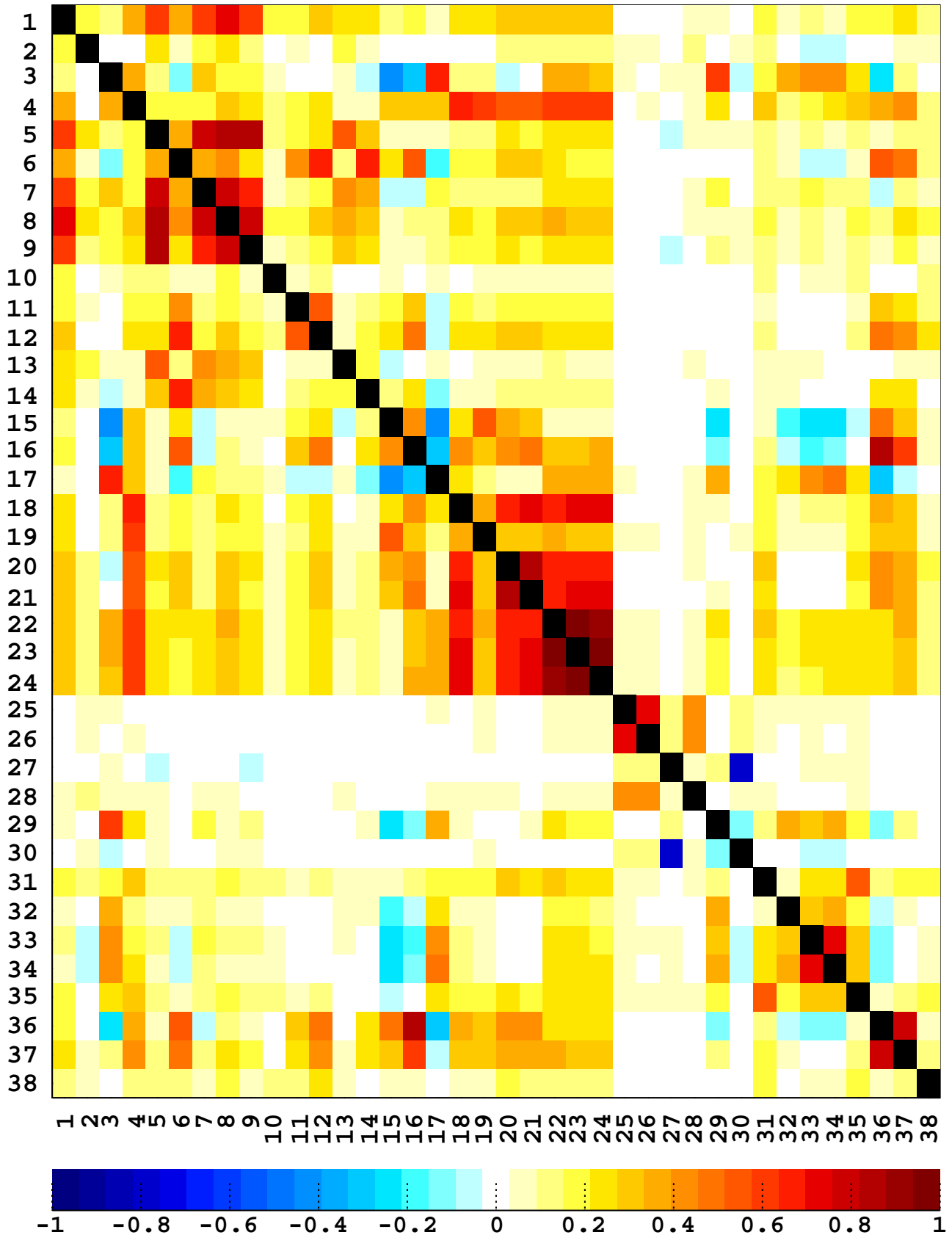
**Gini index = 76.3%, max possible = 82.3%**

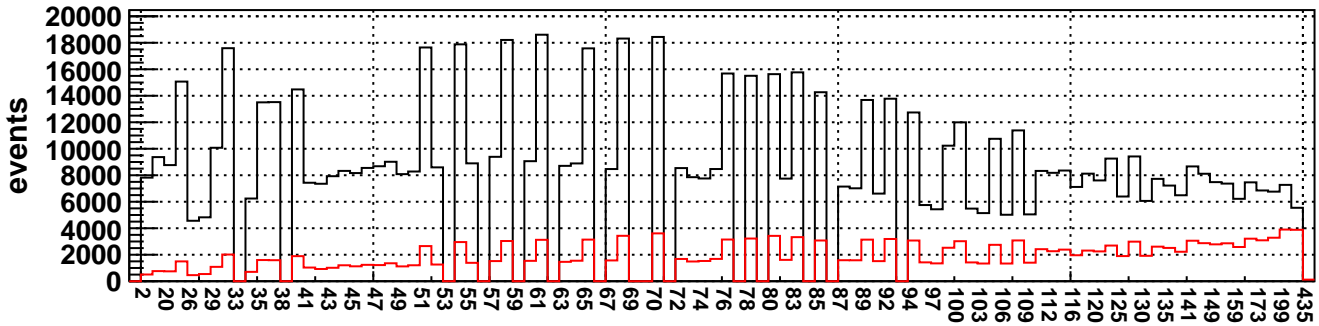


# Output Node 2

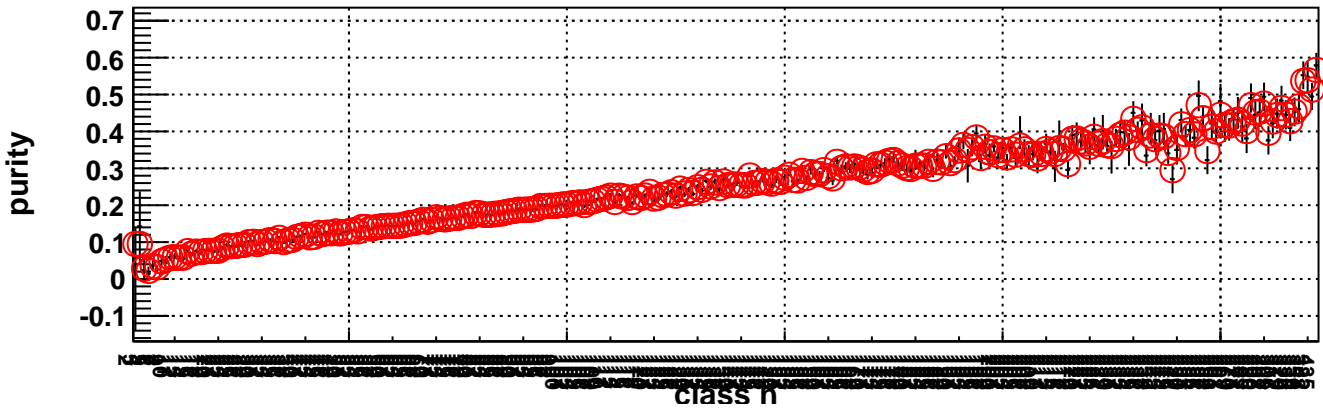


# correlation matrix of input variables

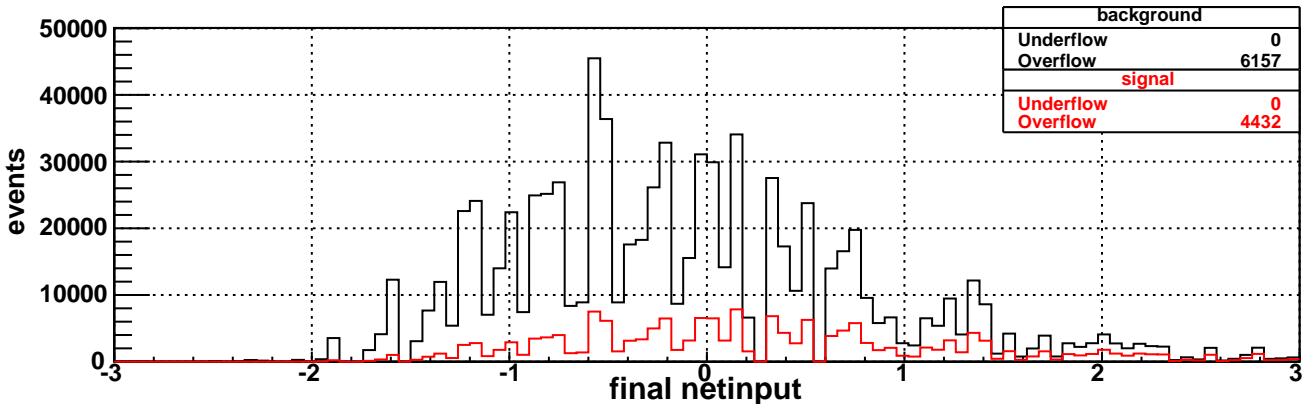




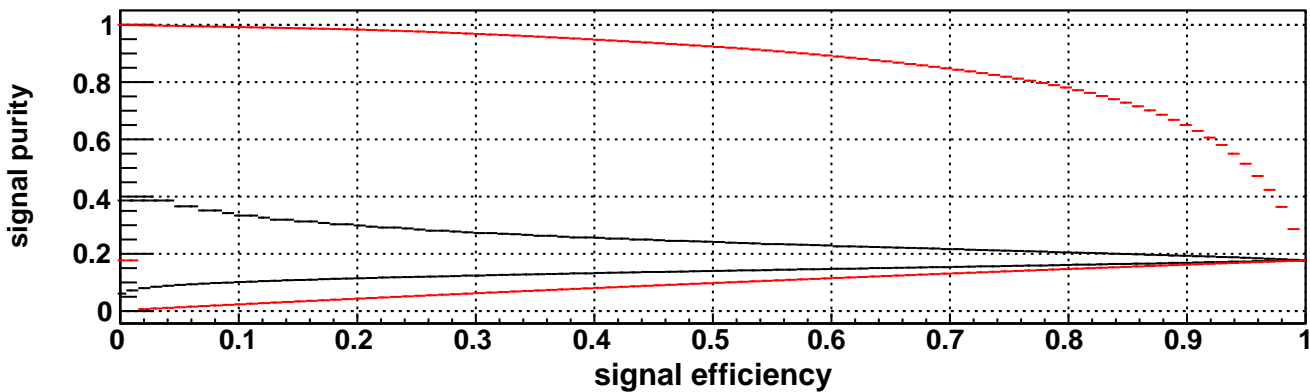
flat



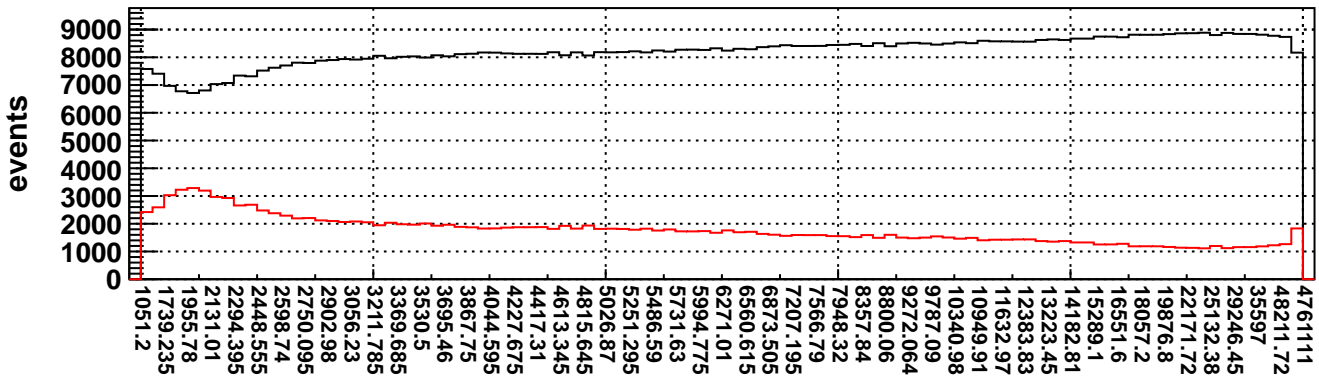
map



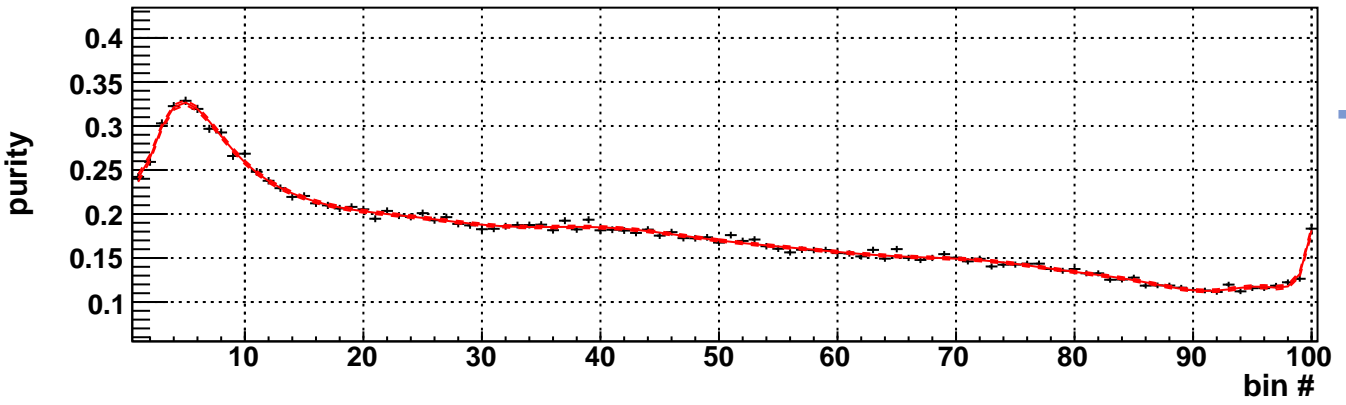
final



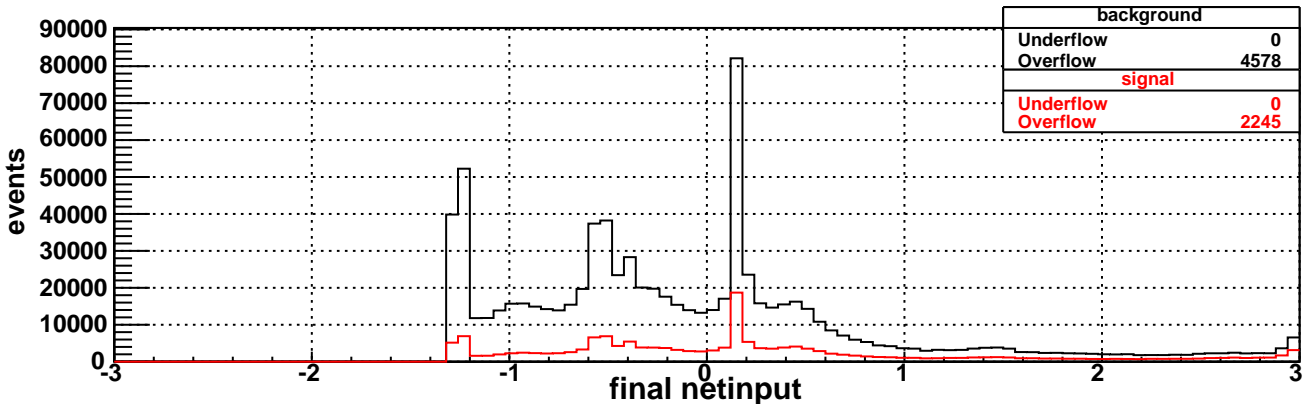
separation



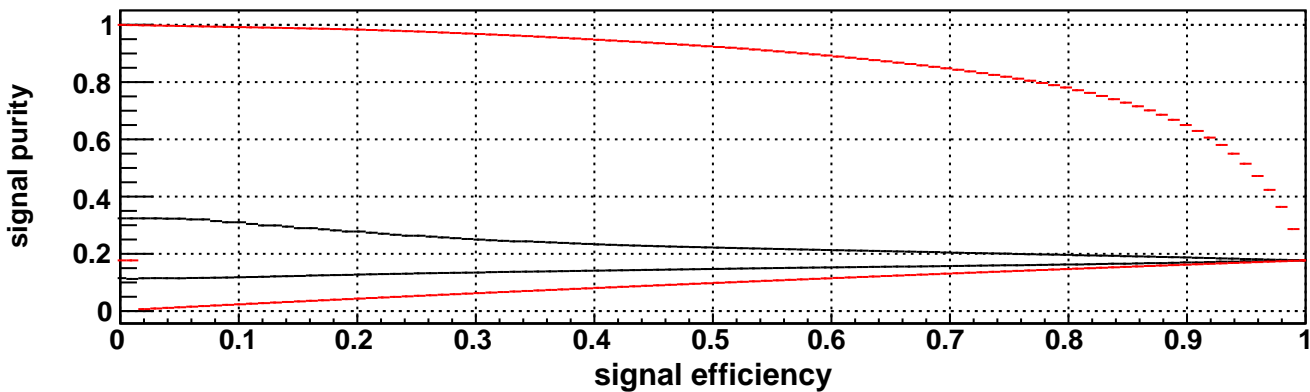
flat



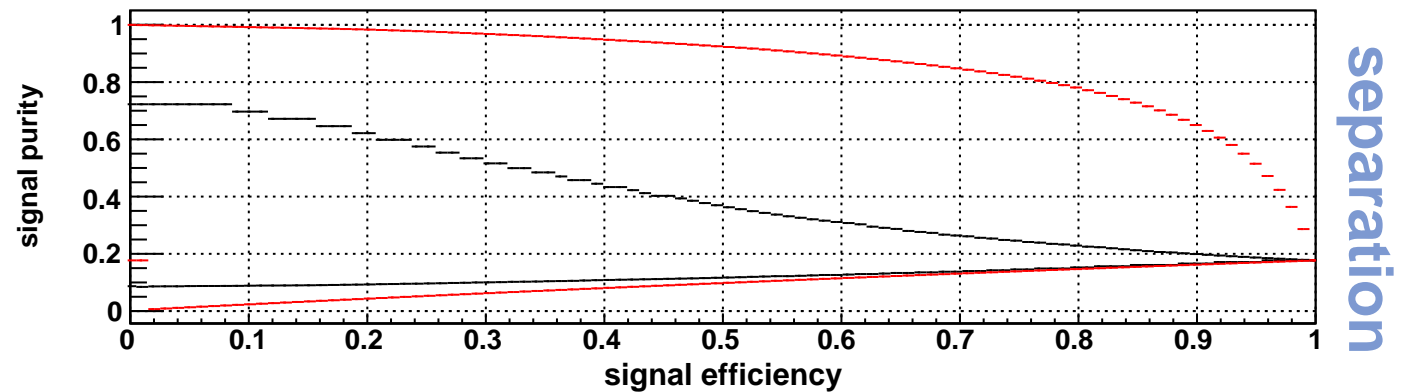
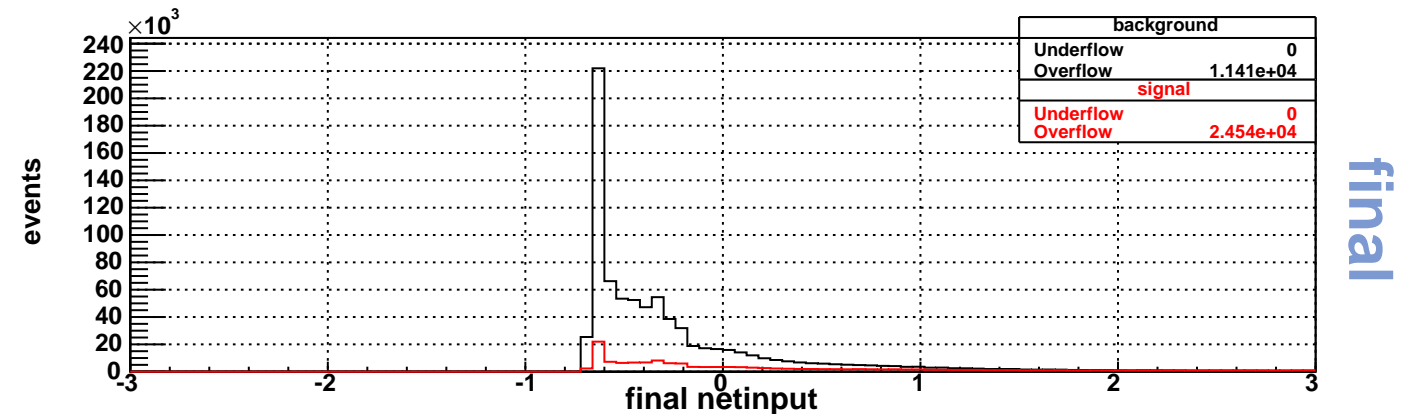
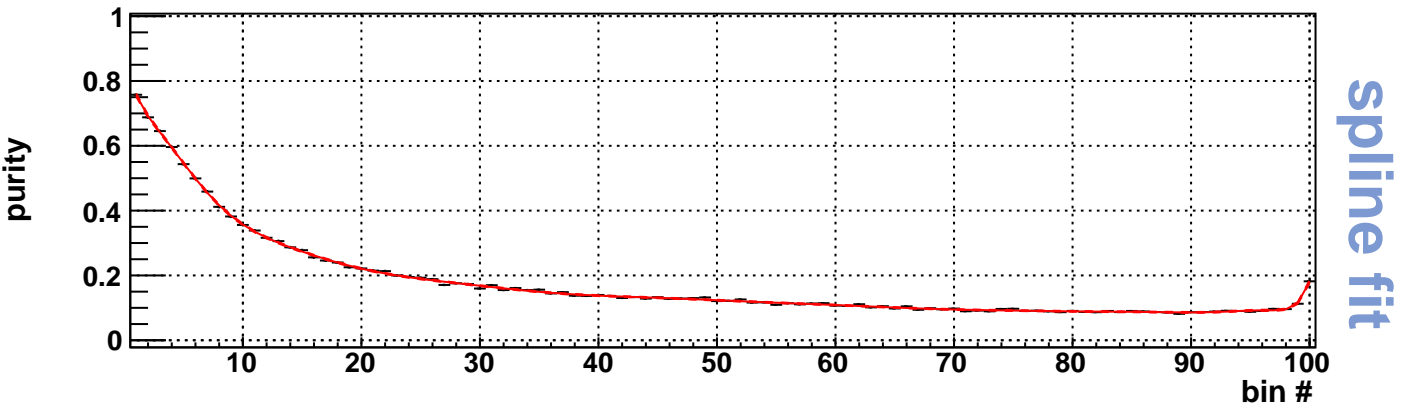
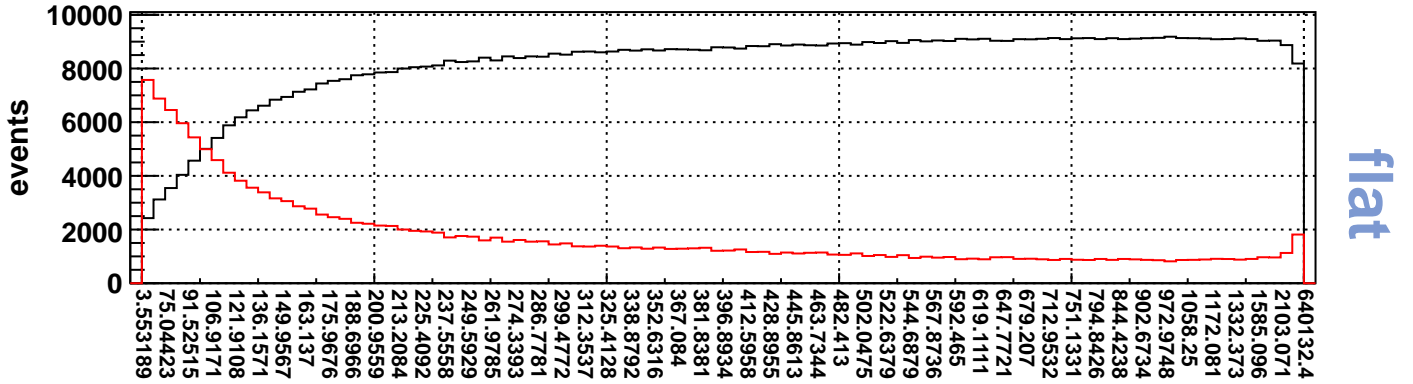
spline fit



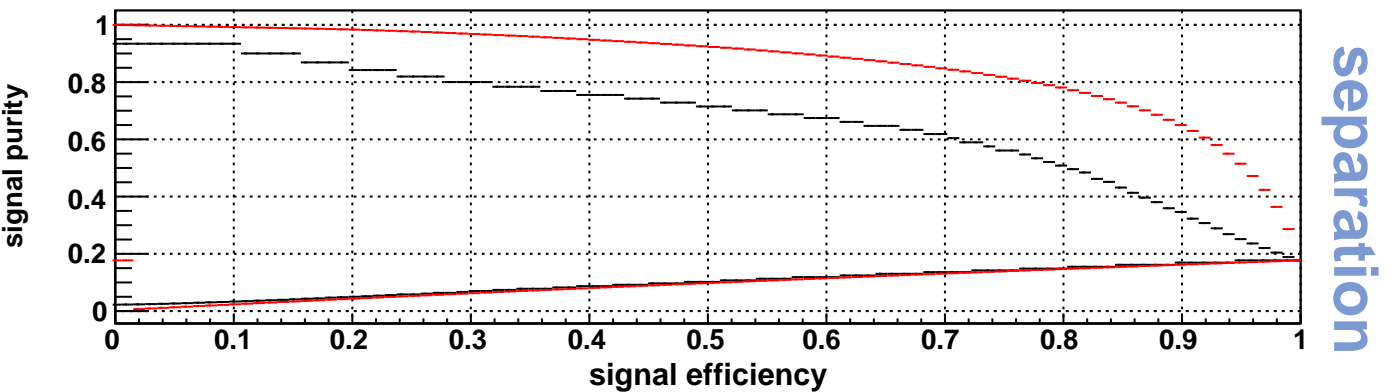
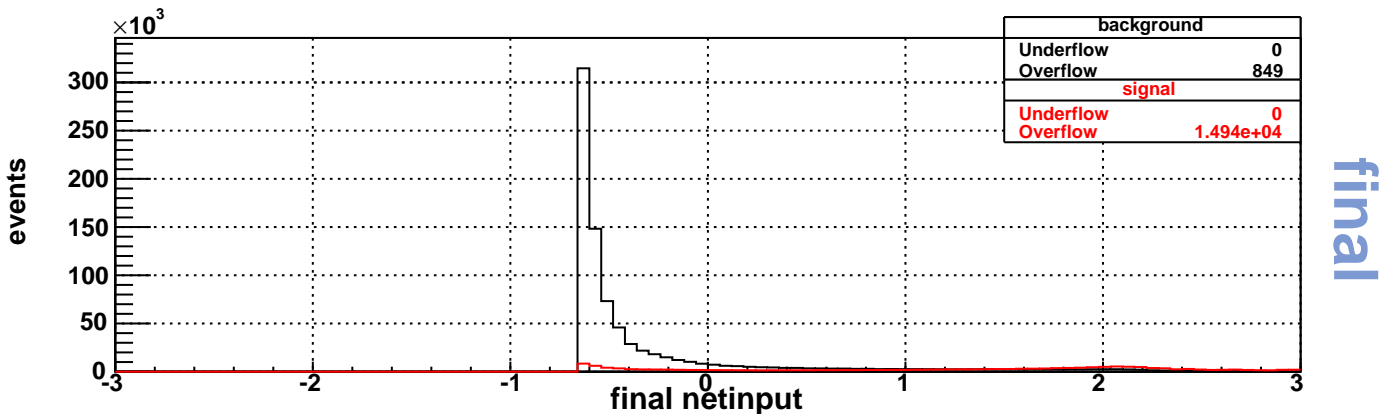
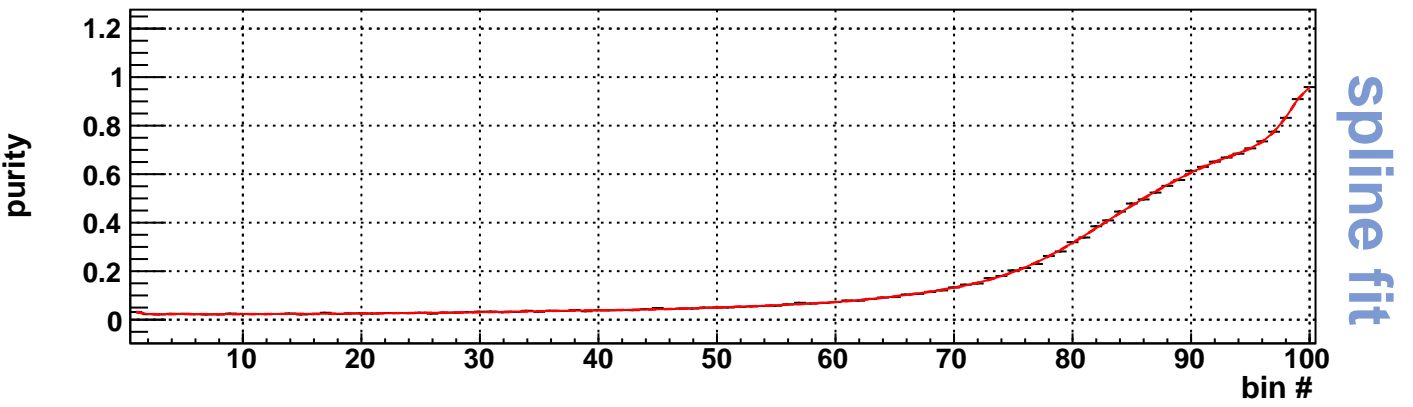
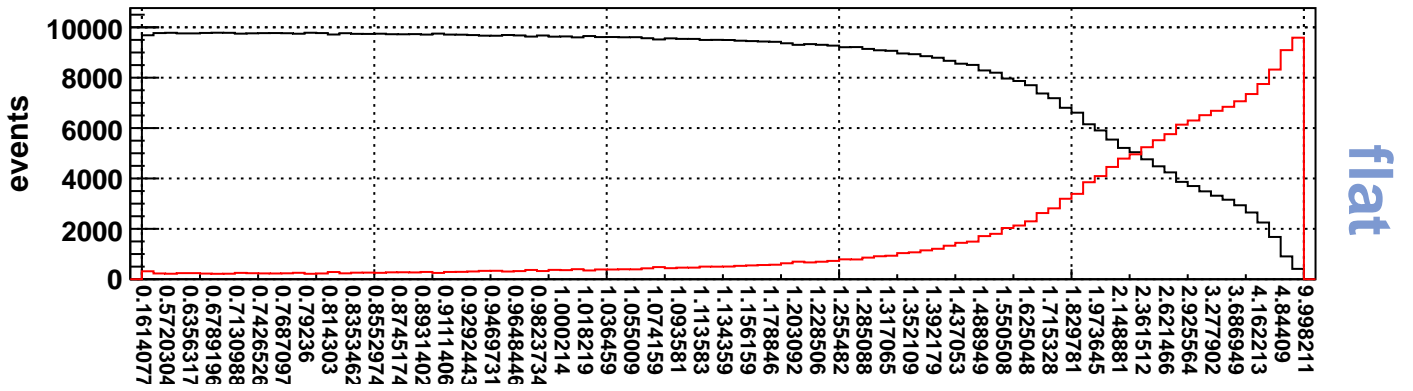
final

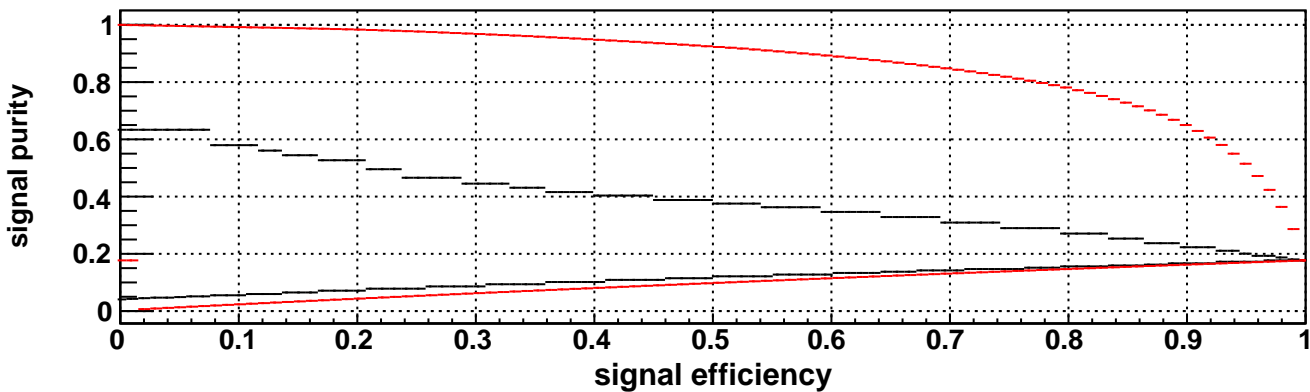
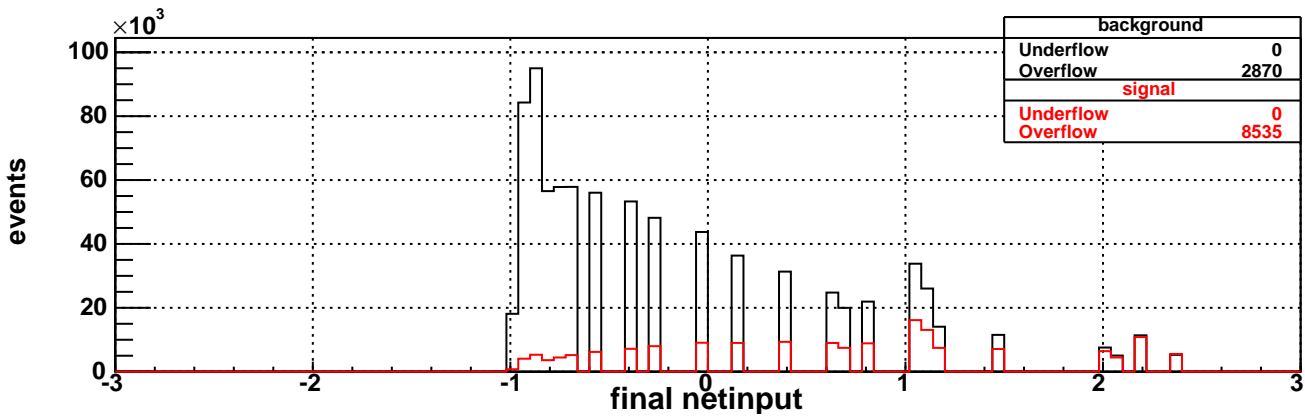
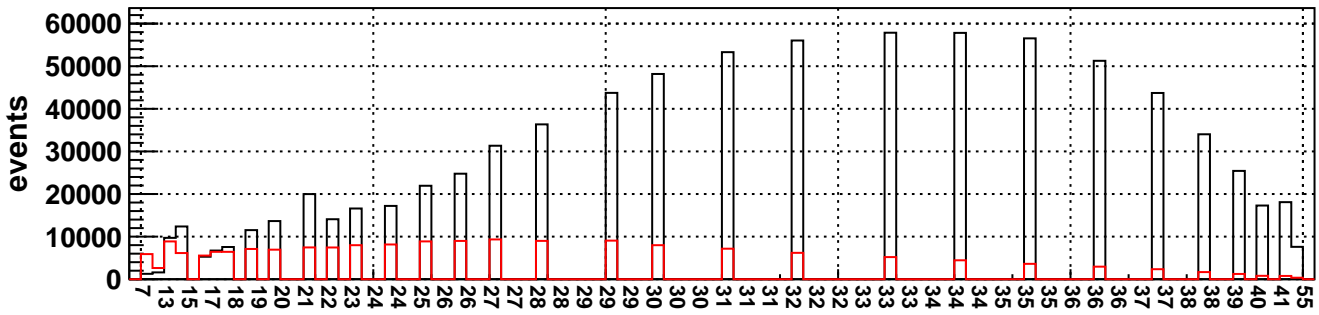


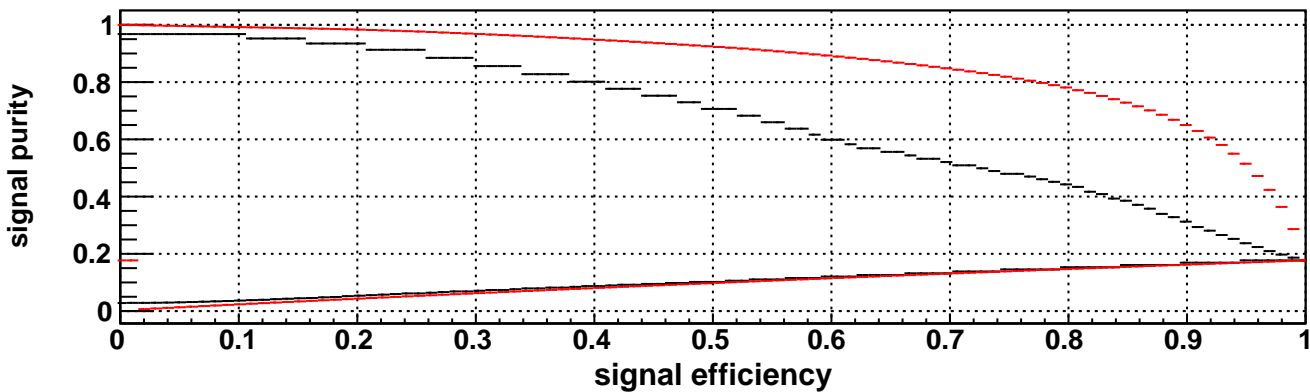
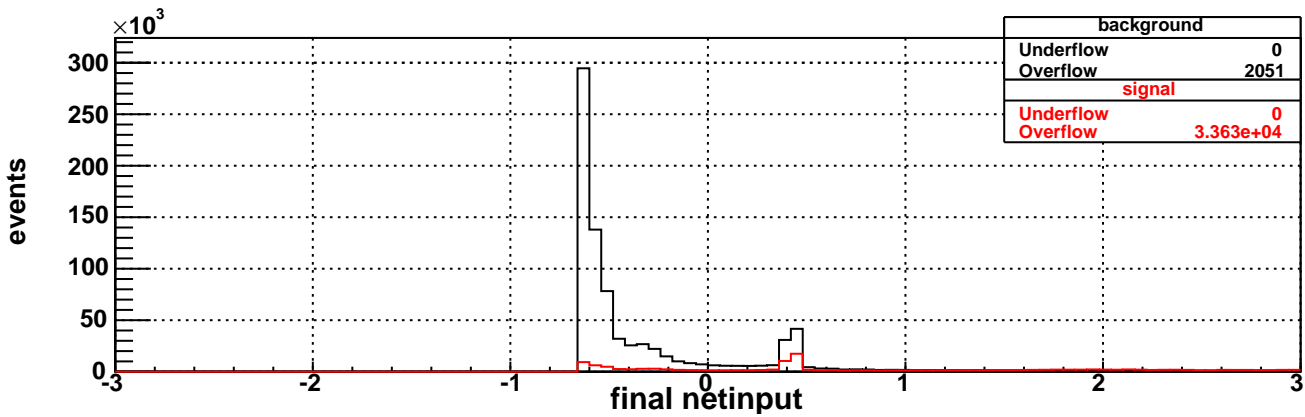
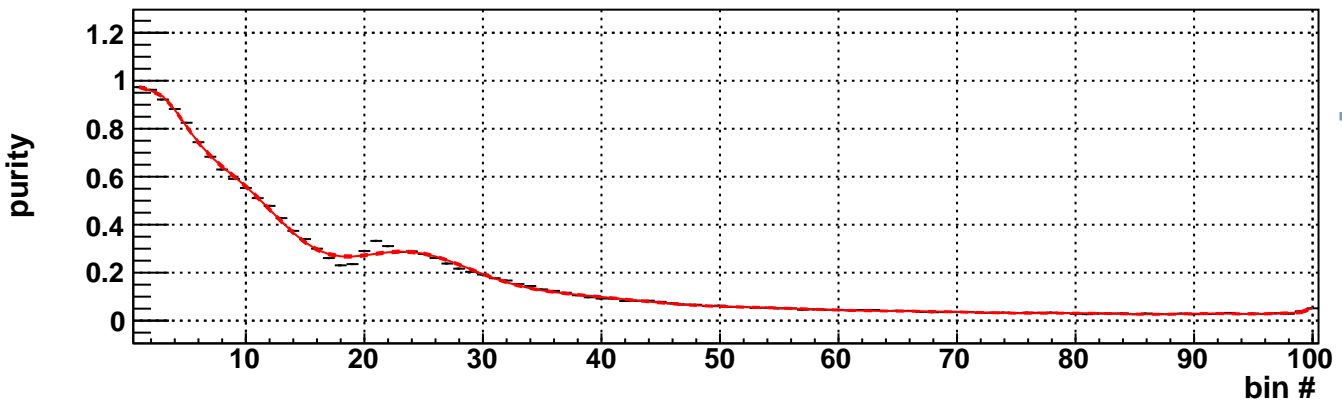
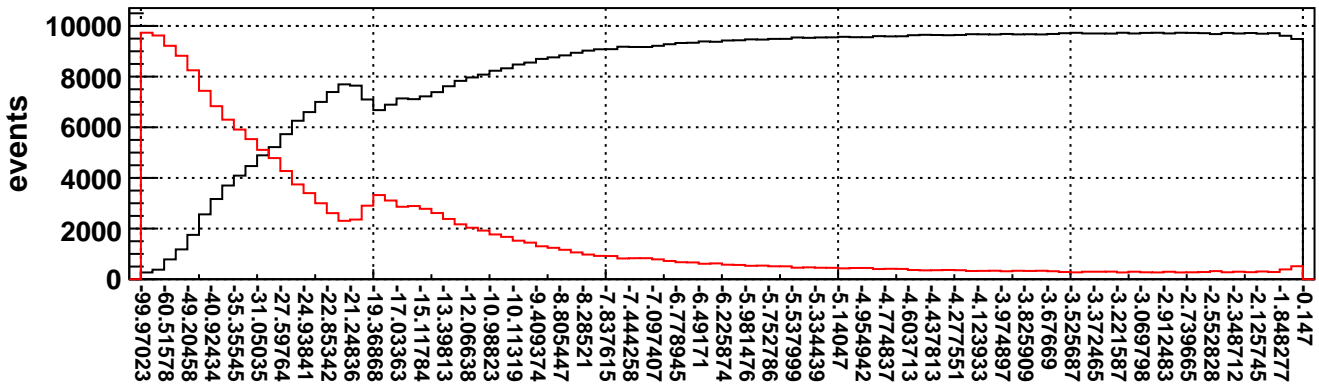
separation

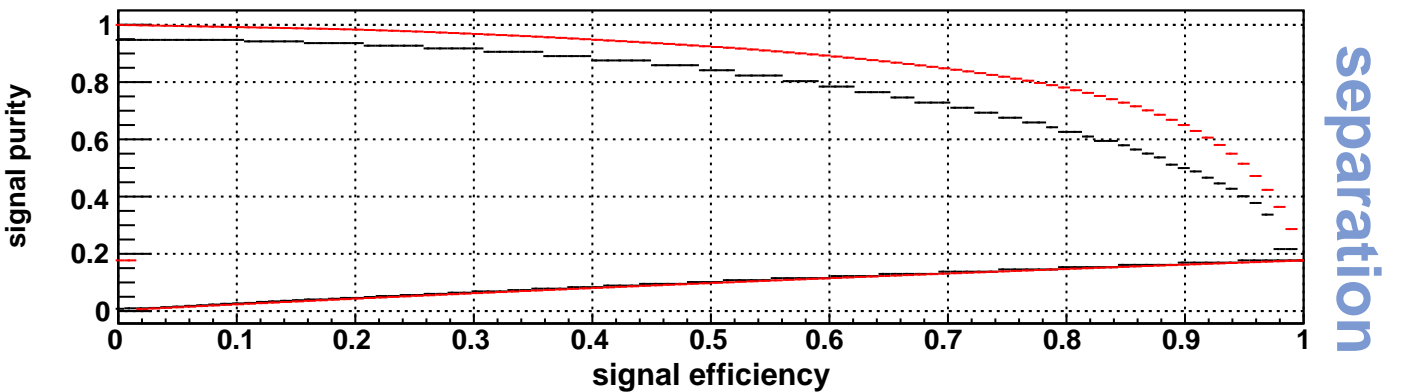
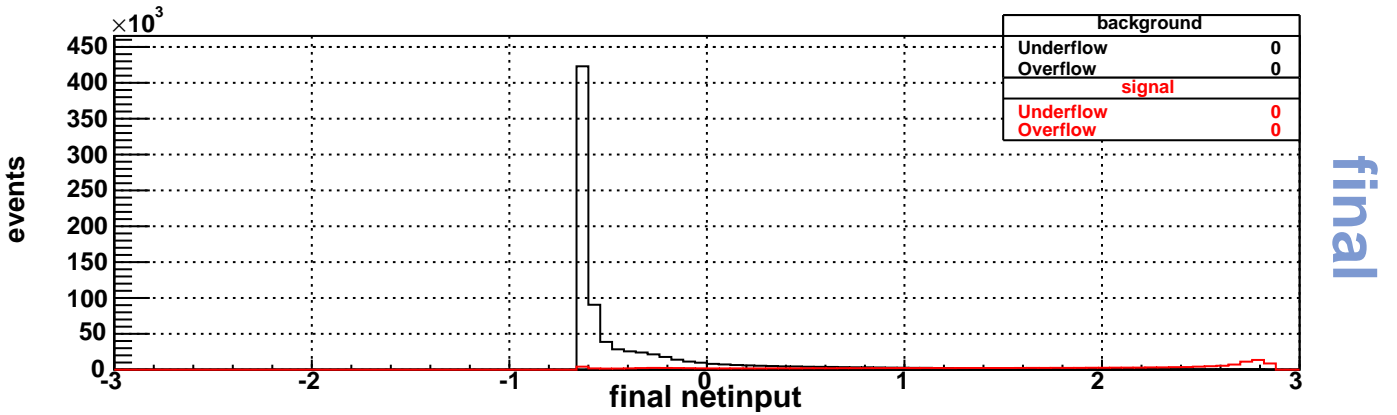
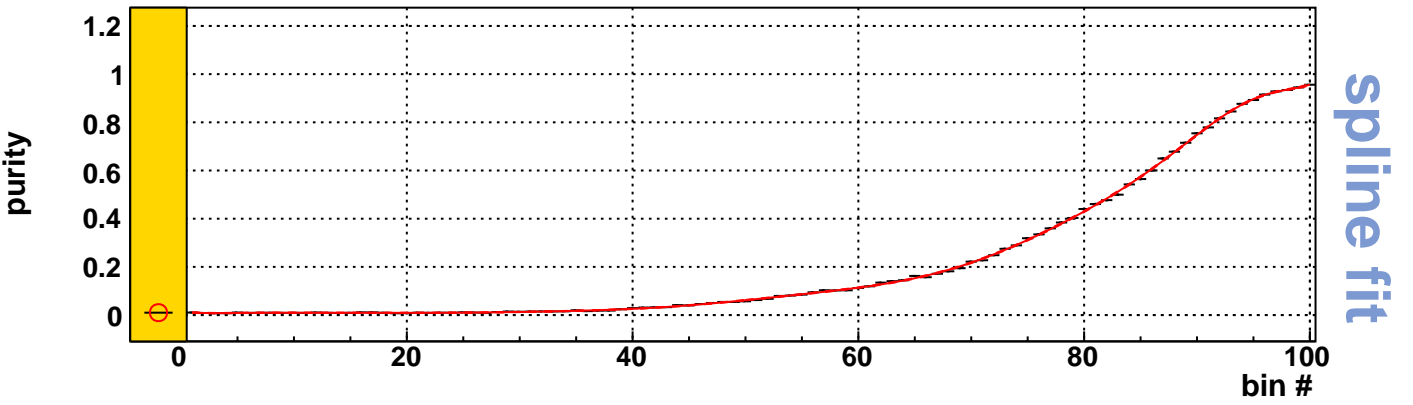
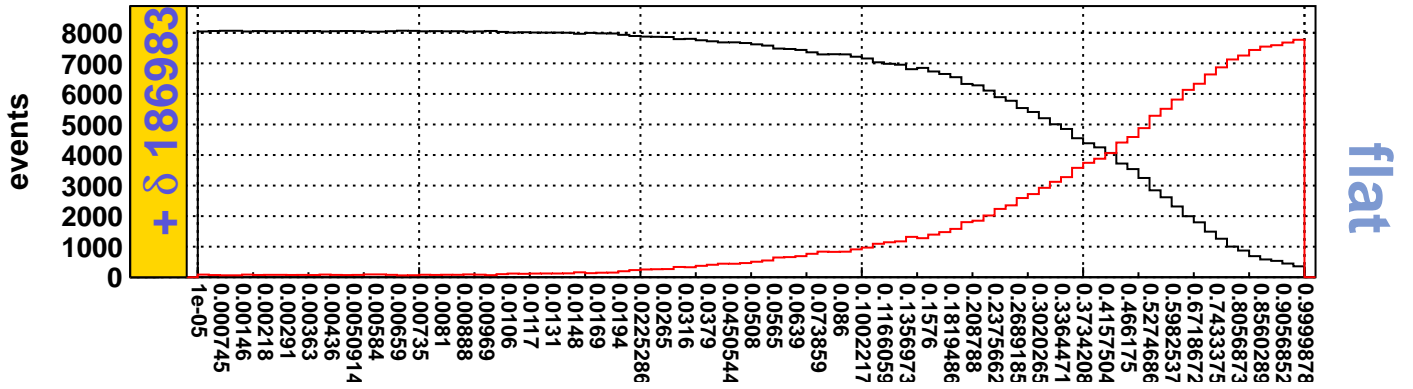


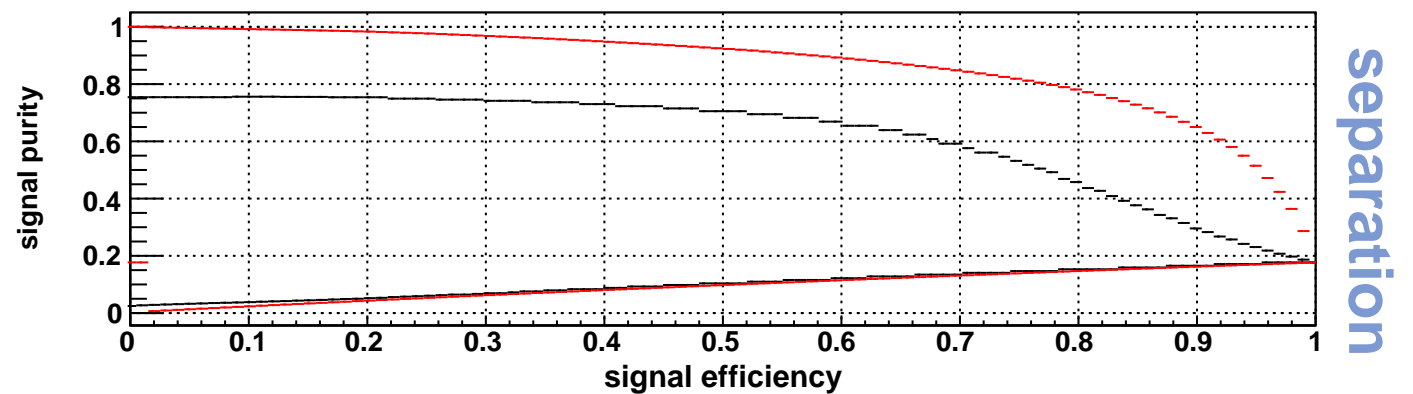
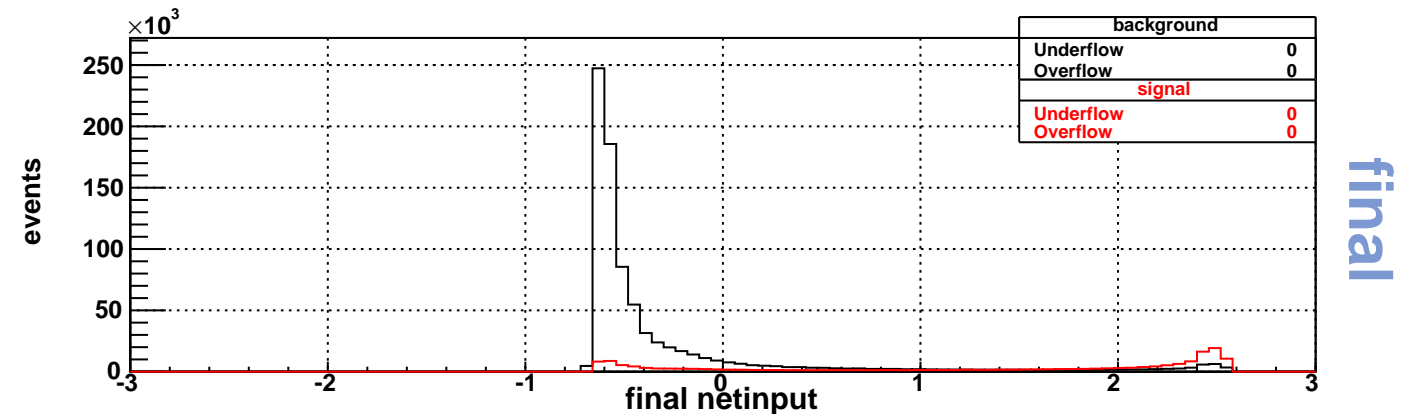
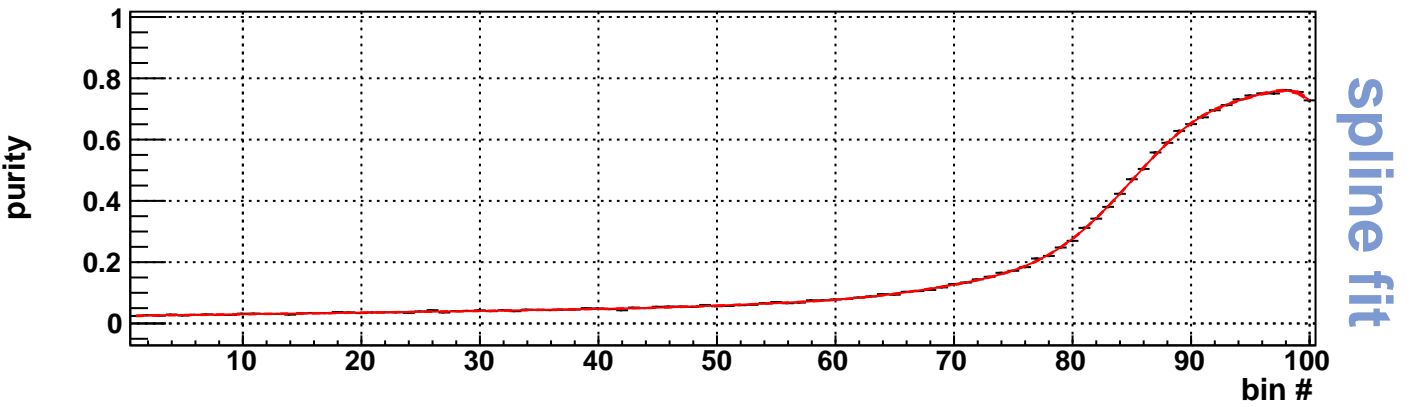
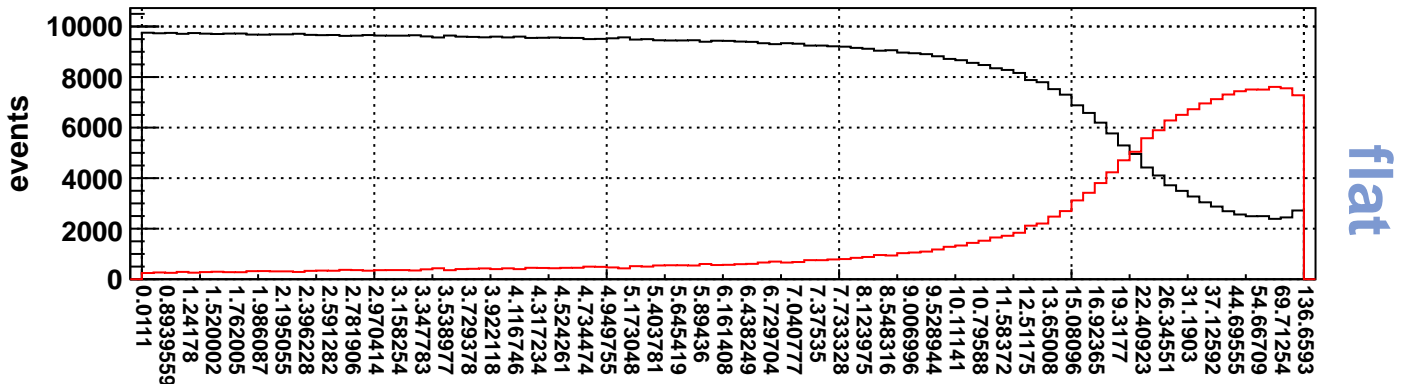


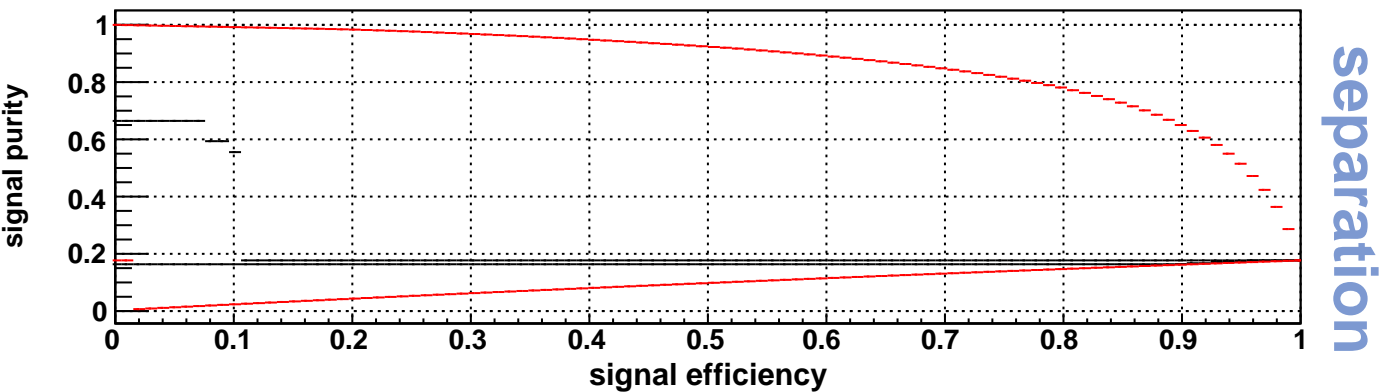
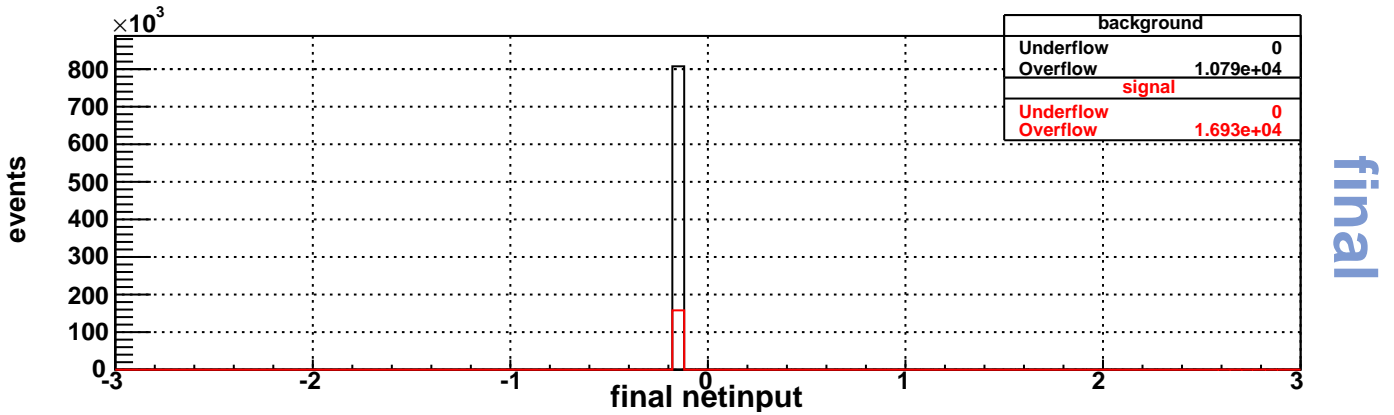
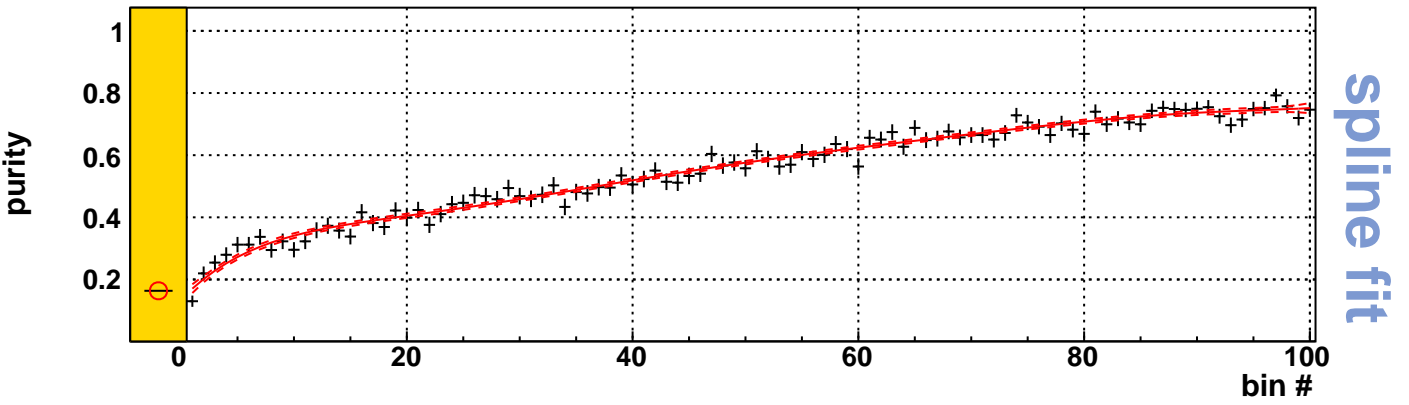
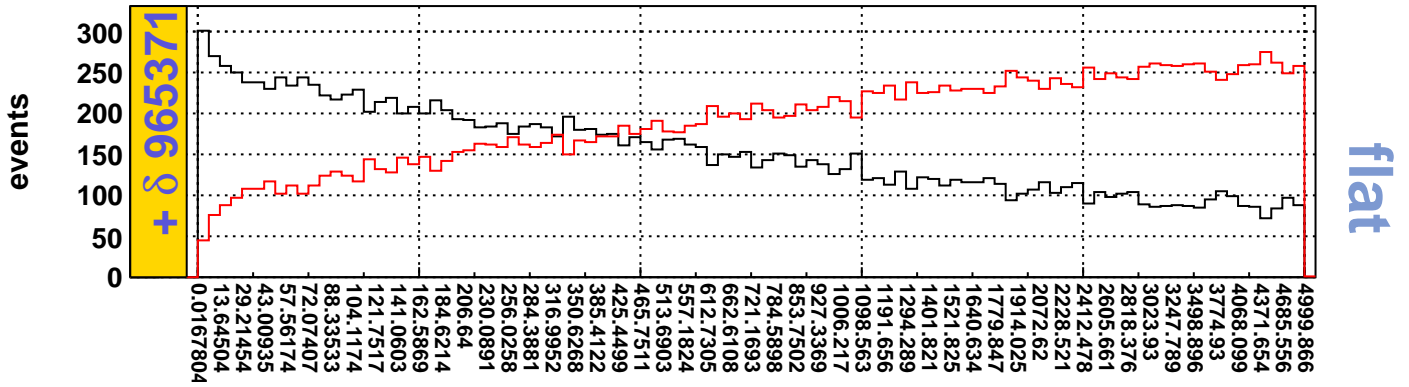


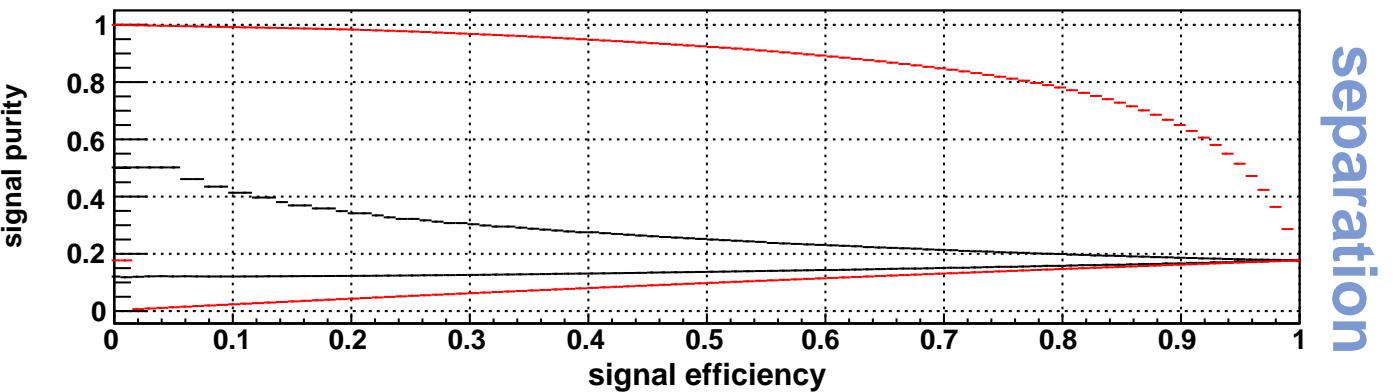
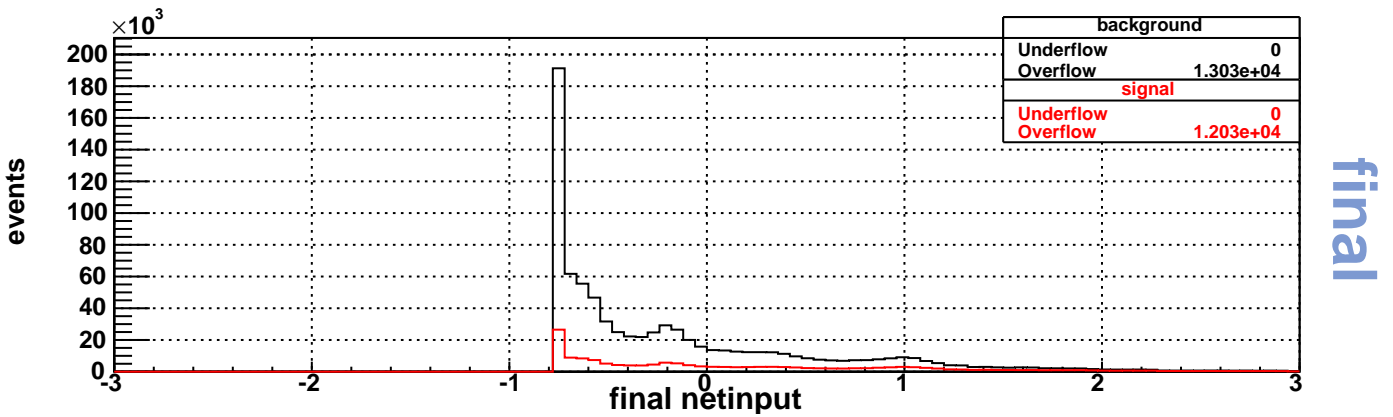
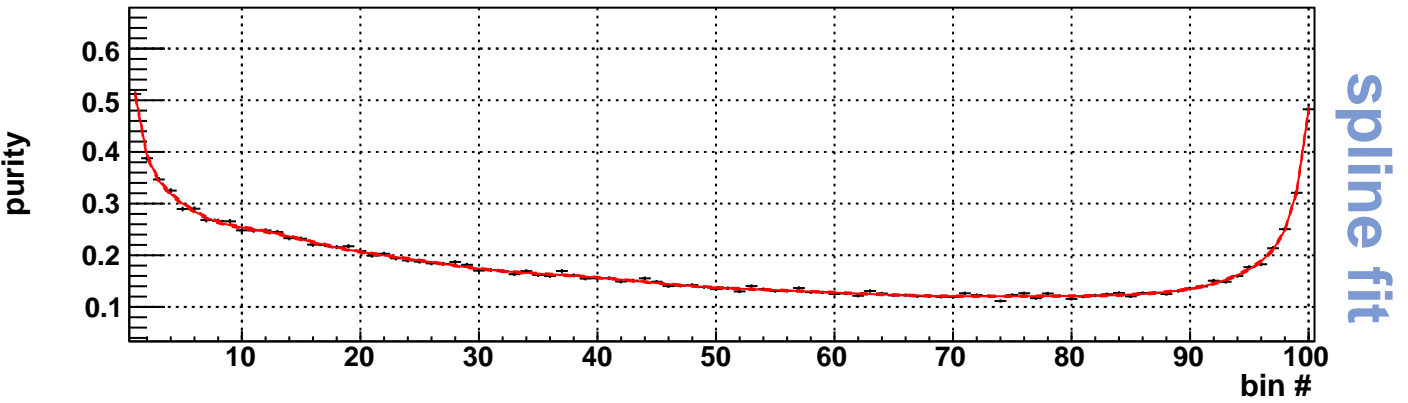
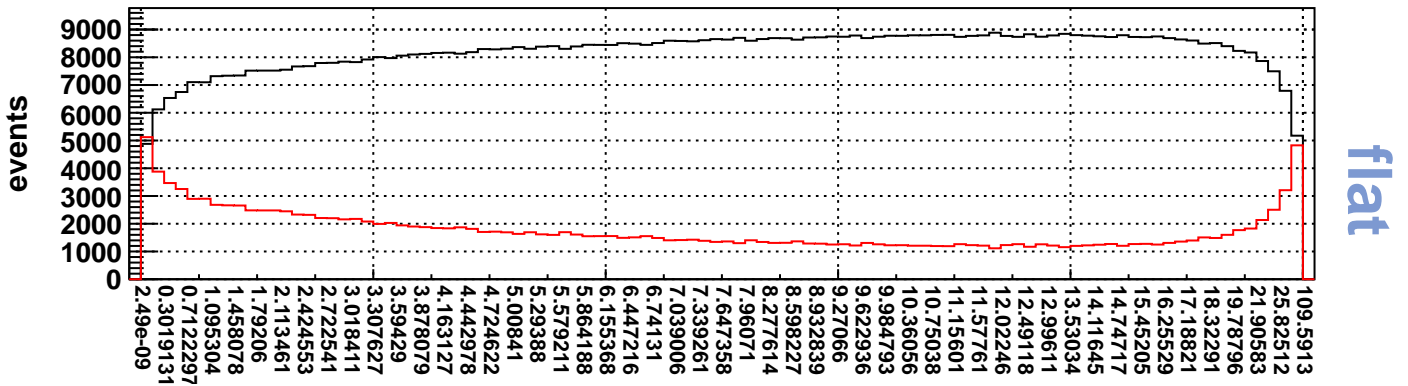


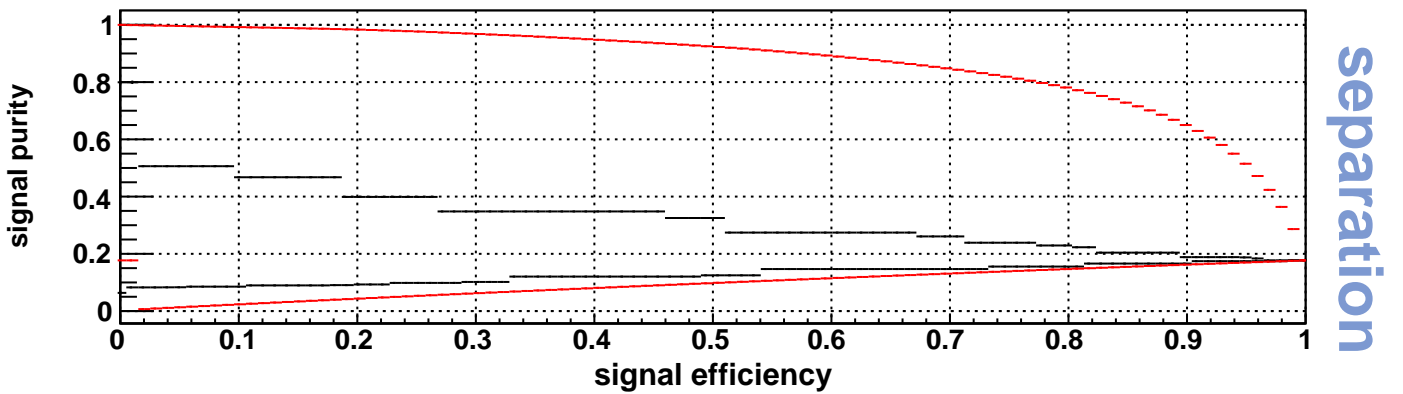
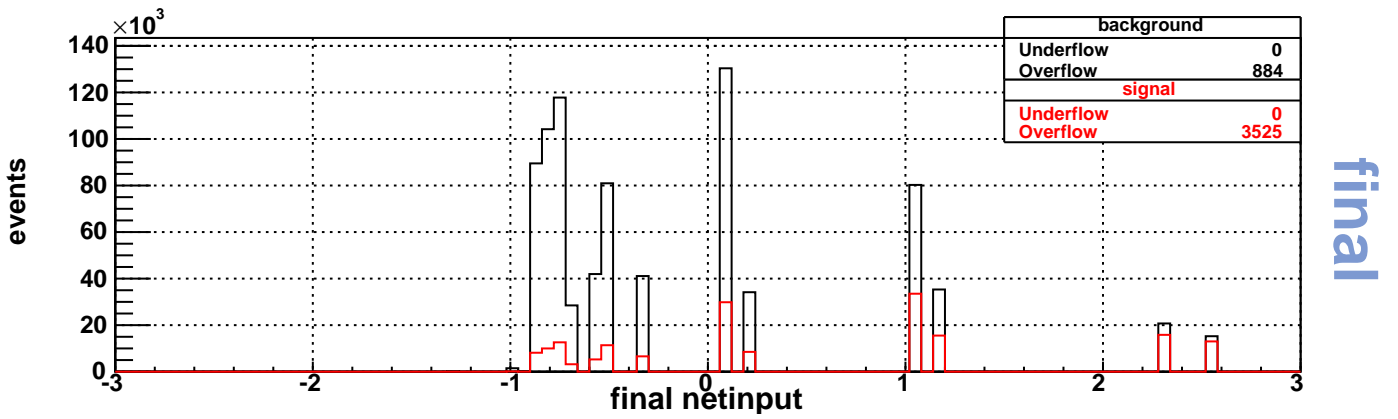
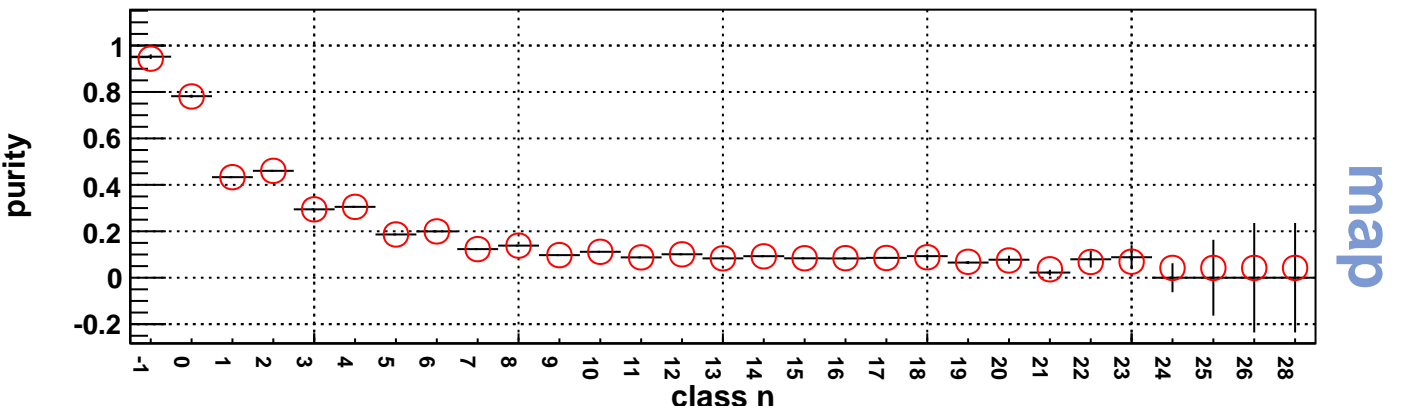
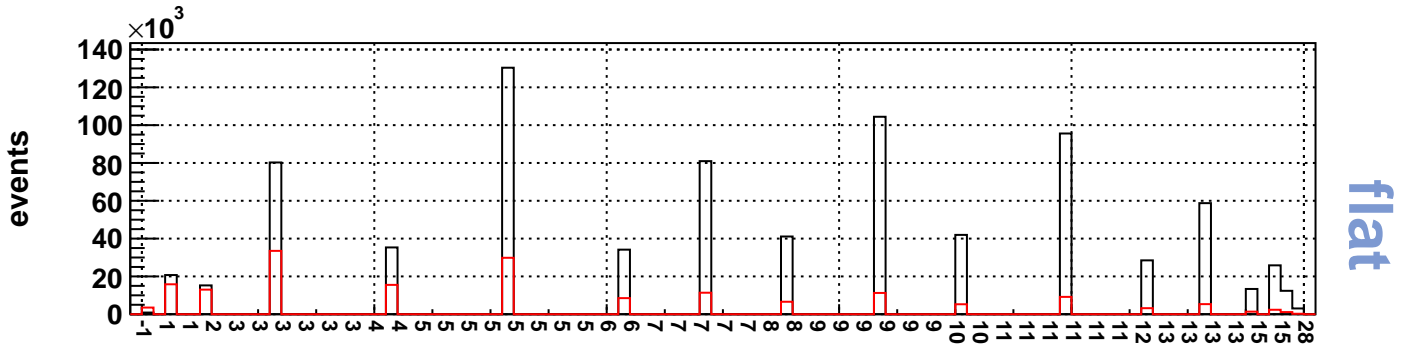




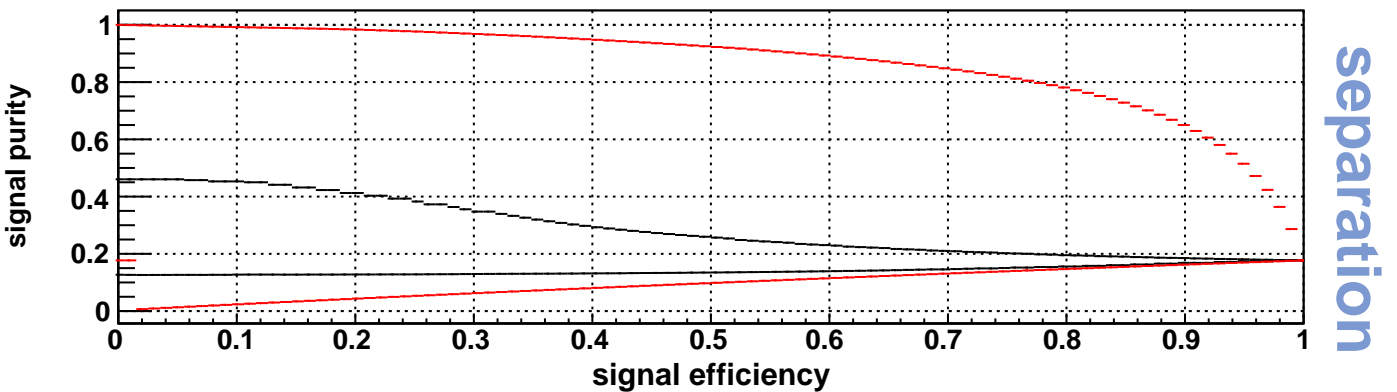
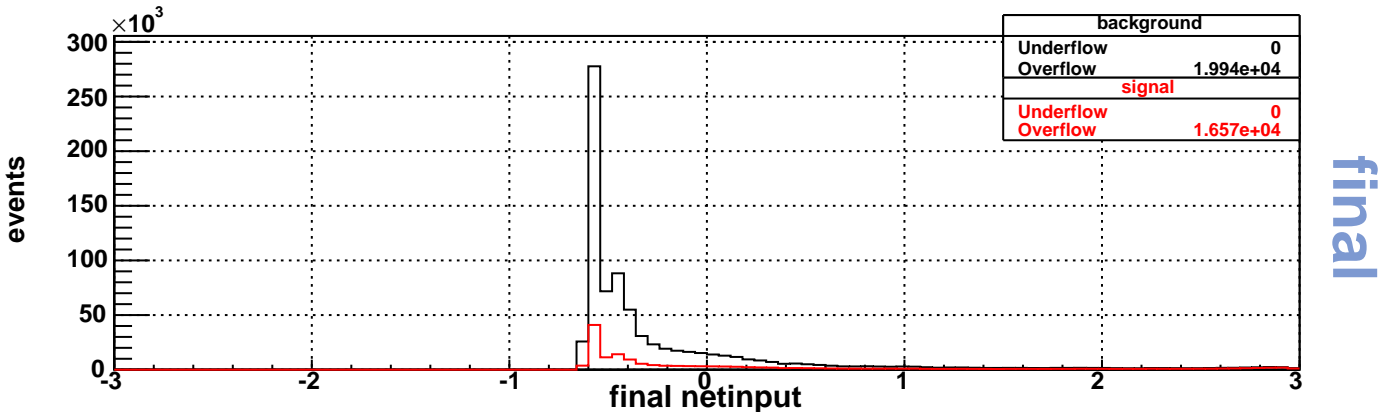
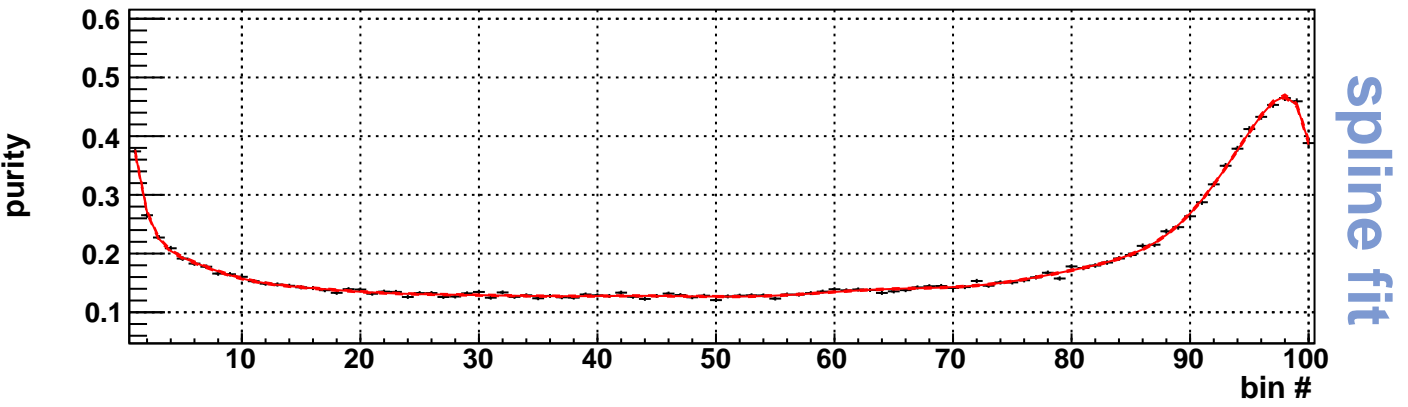
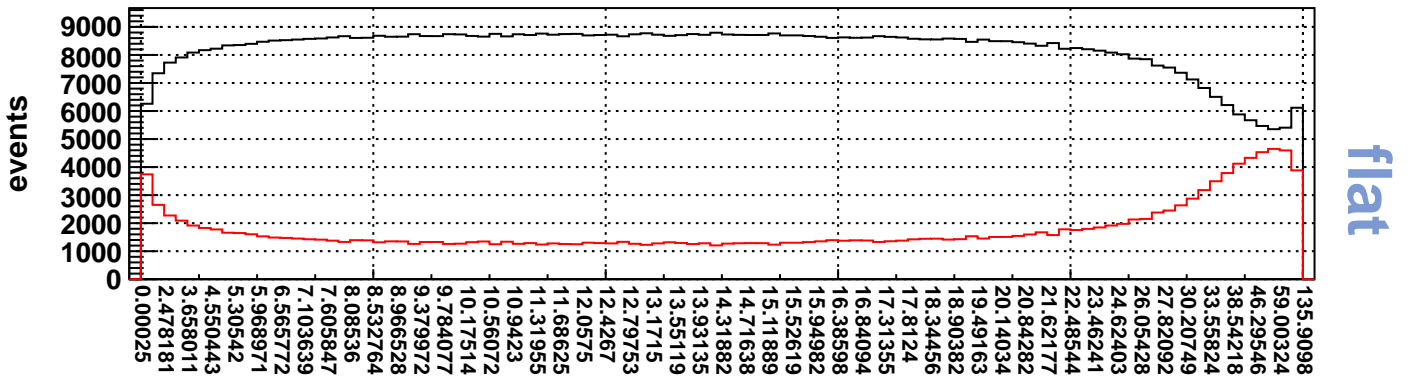


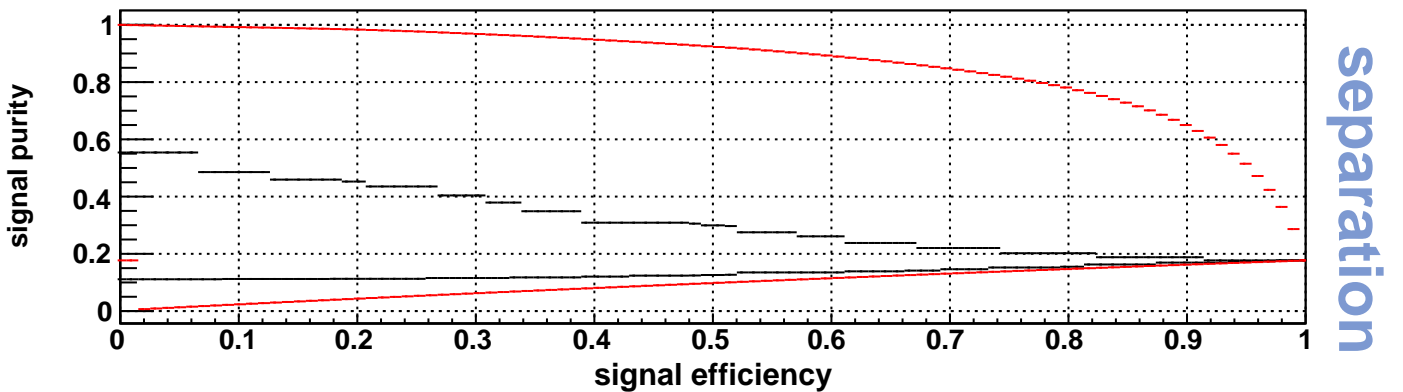
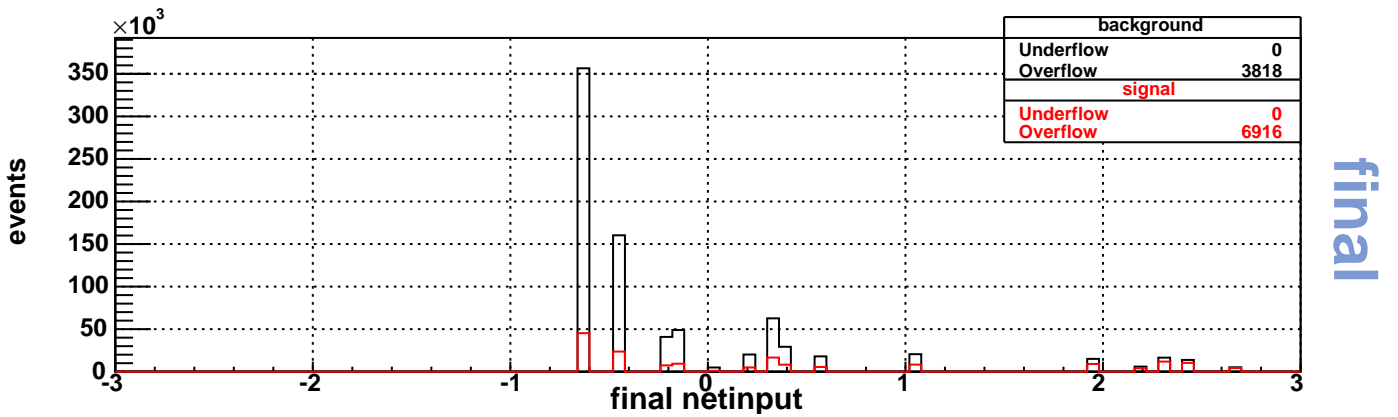
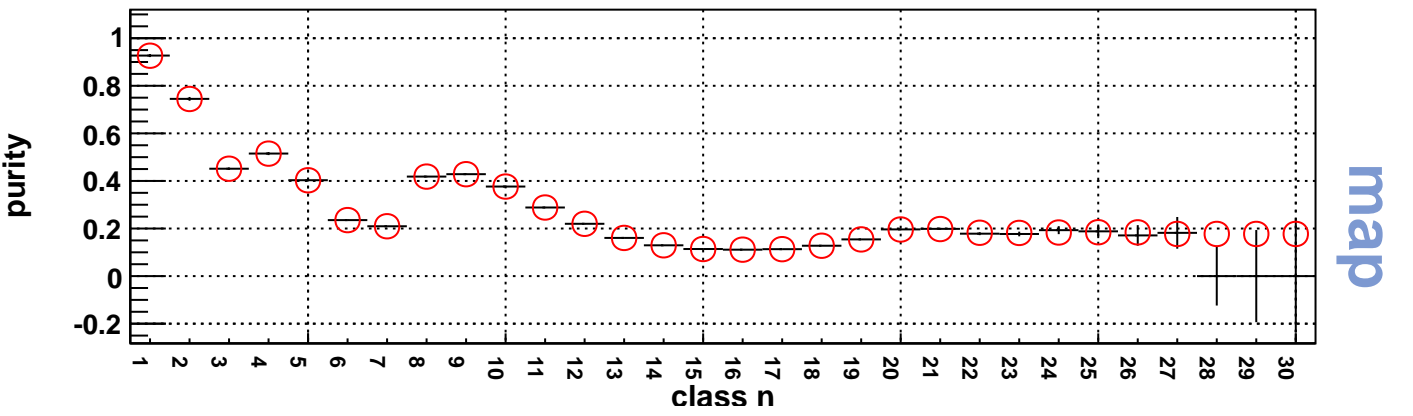
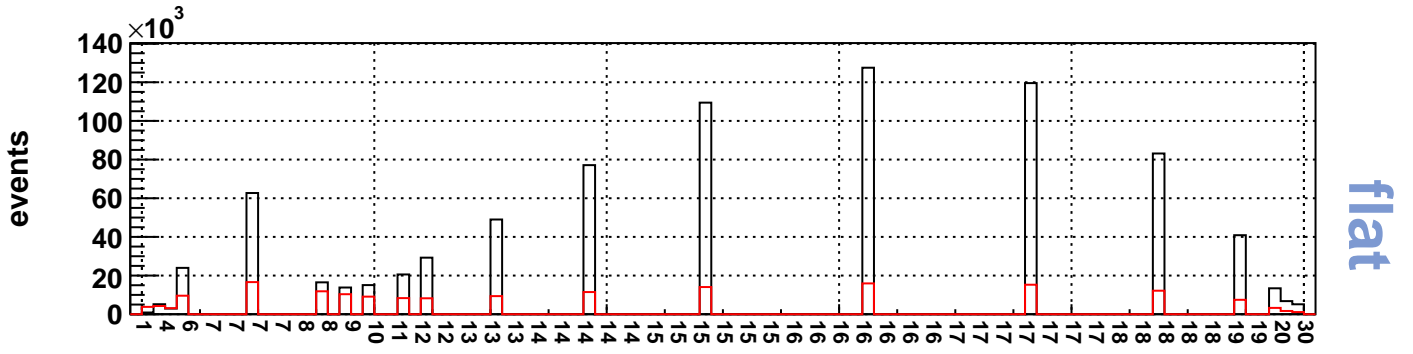


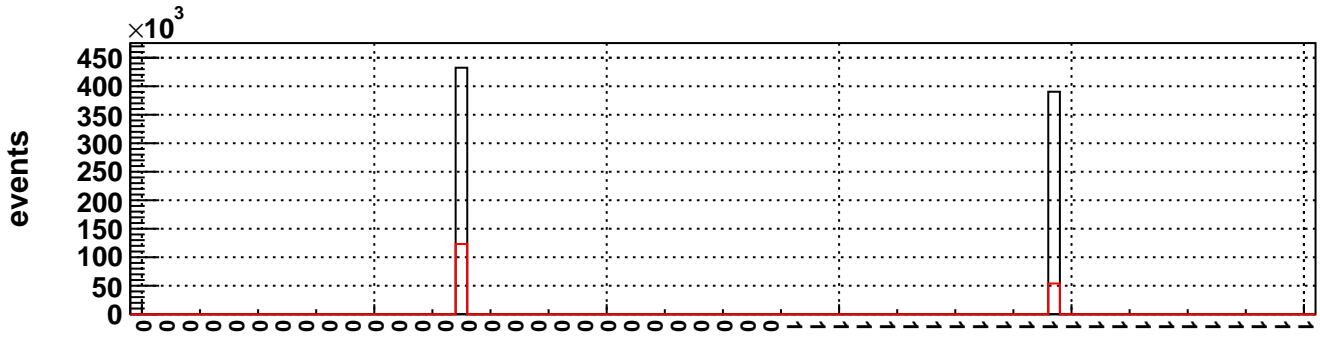




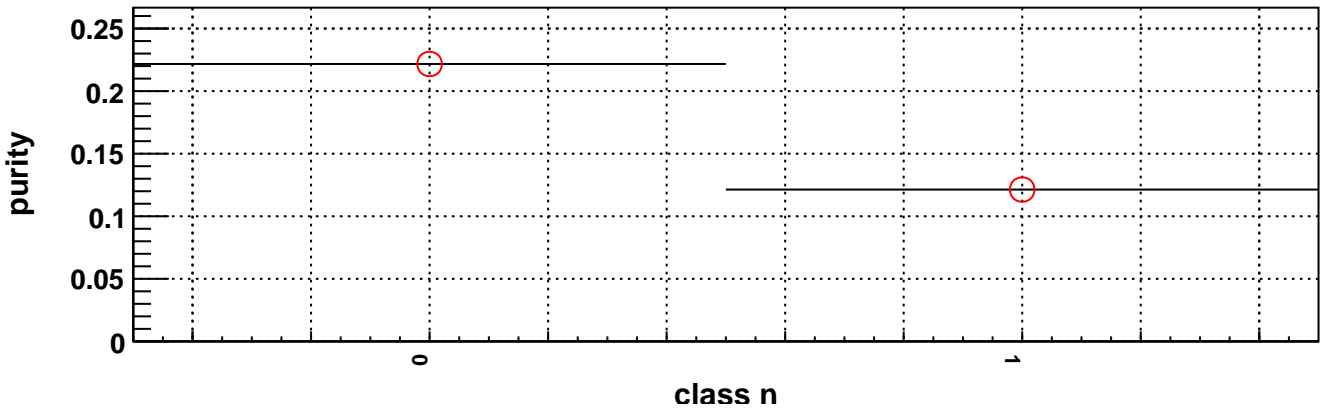




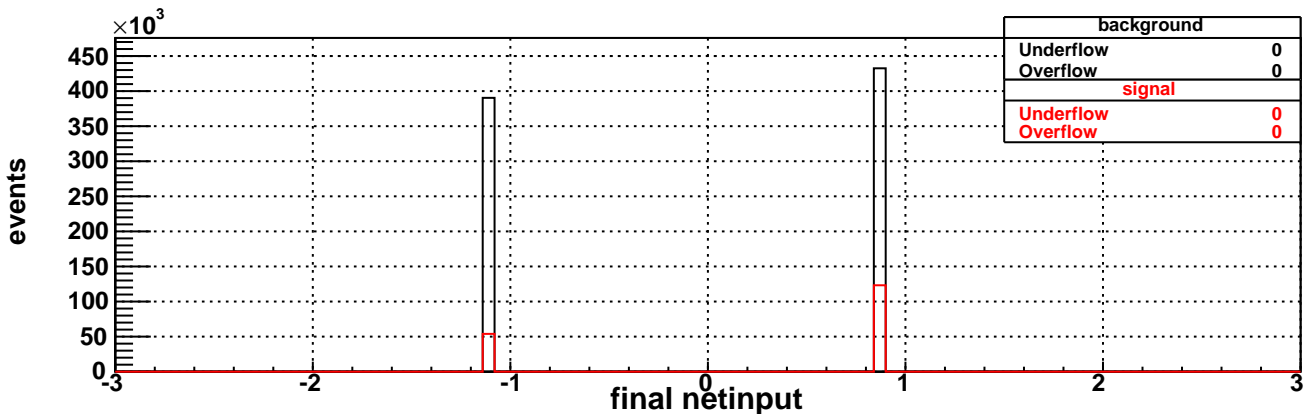




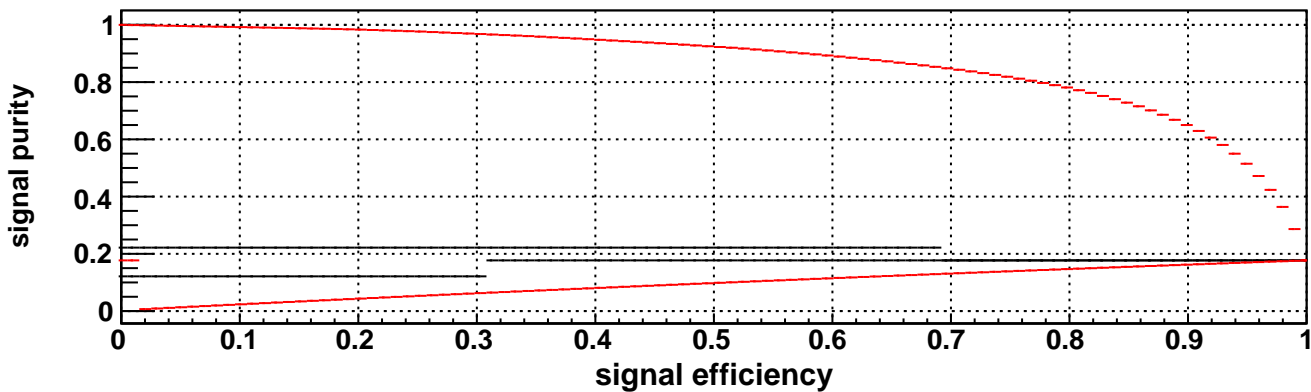
flat



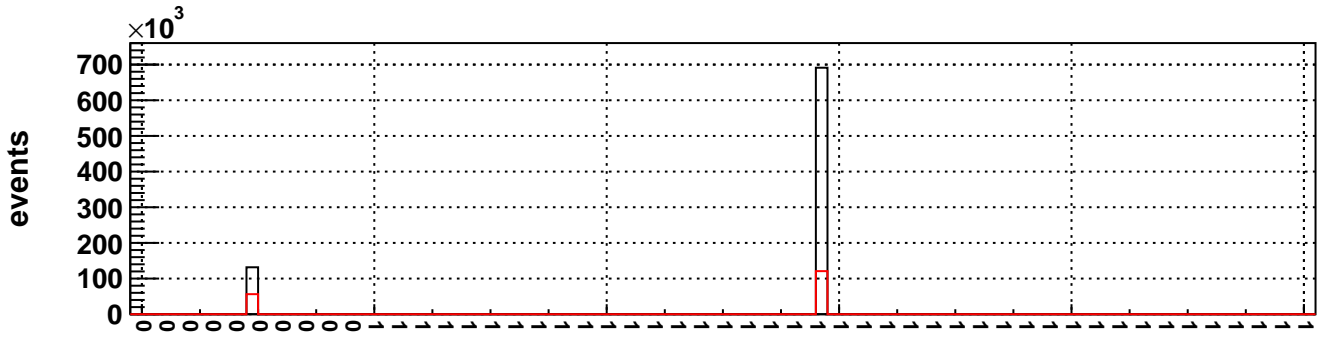
map



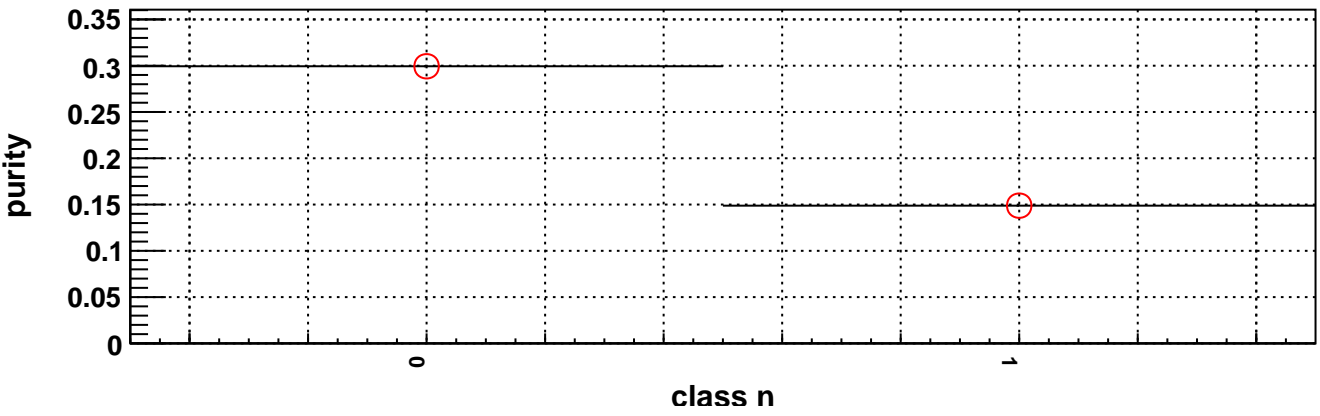
final



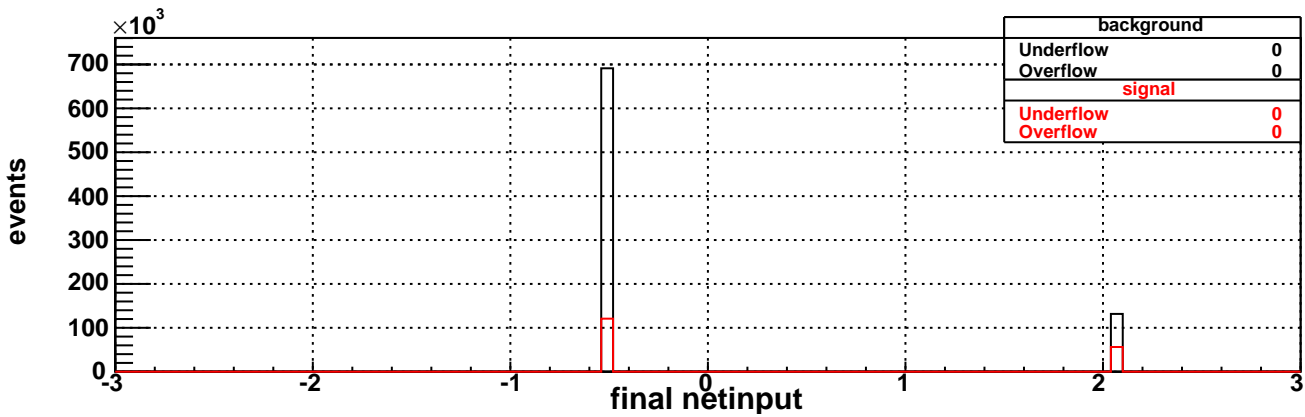
separation



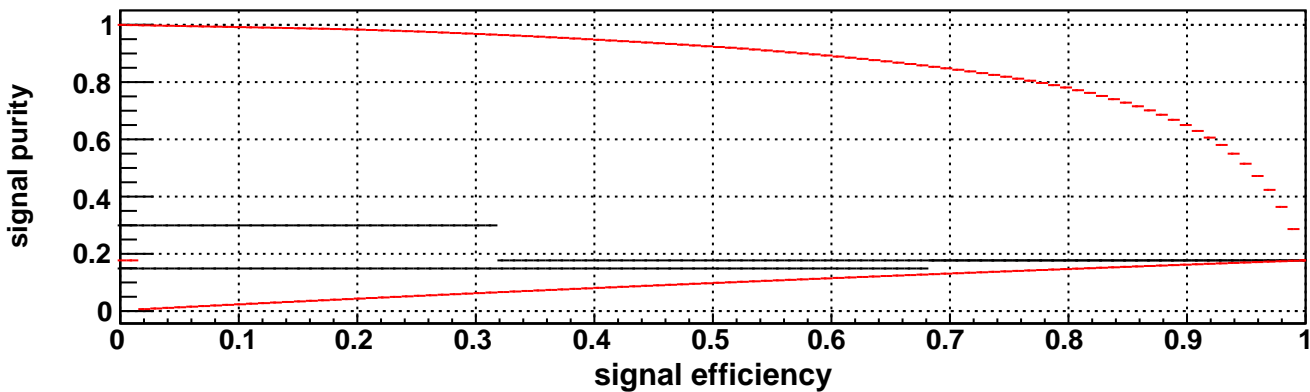
flat



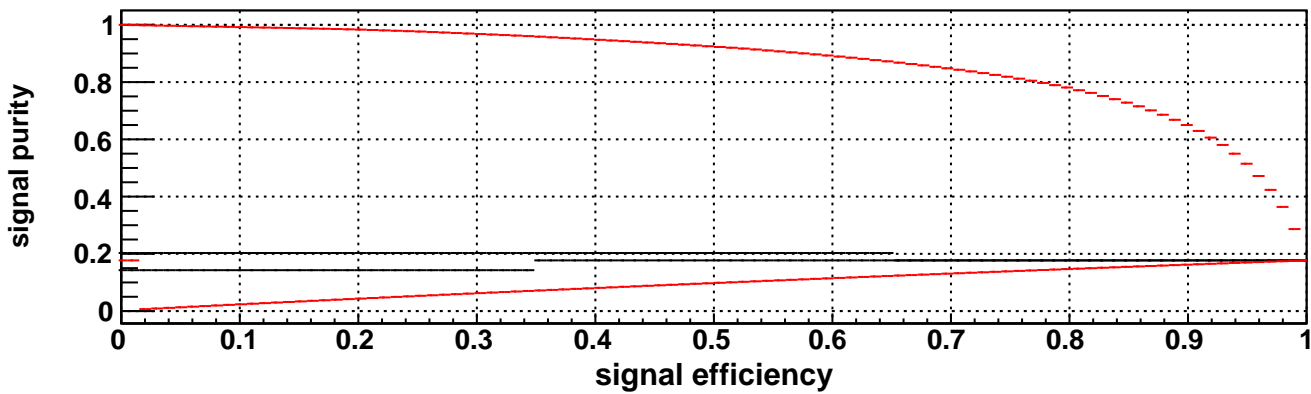
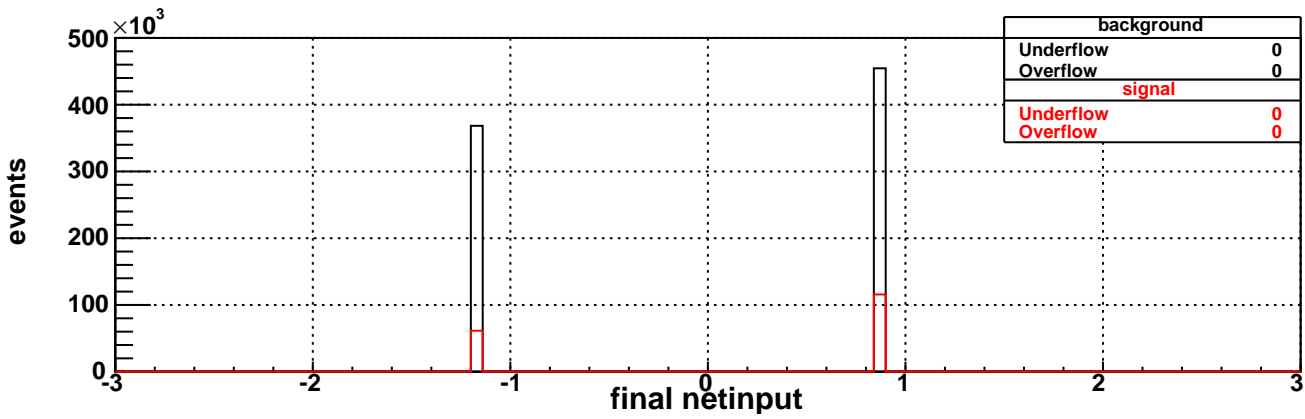
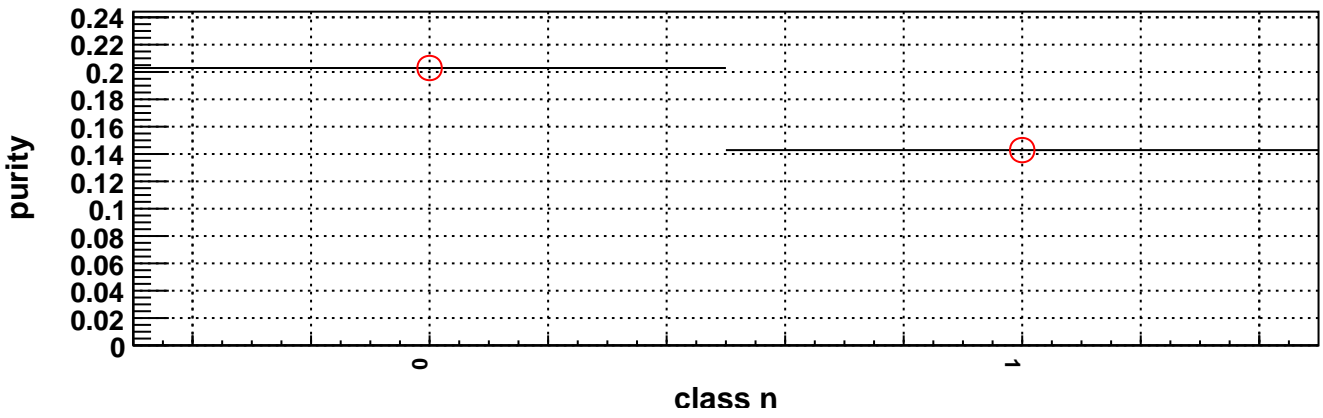
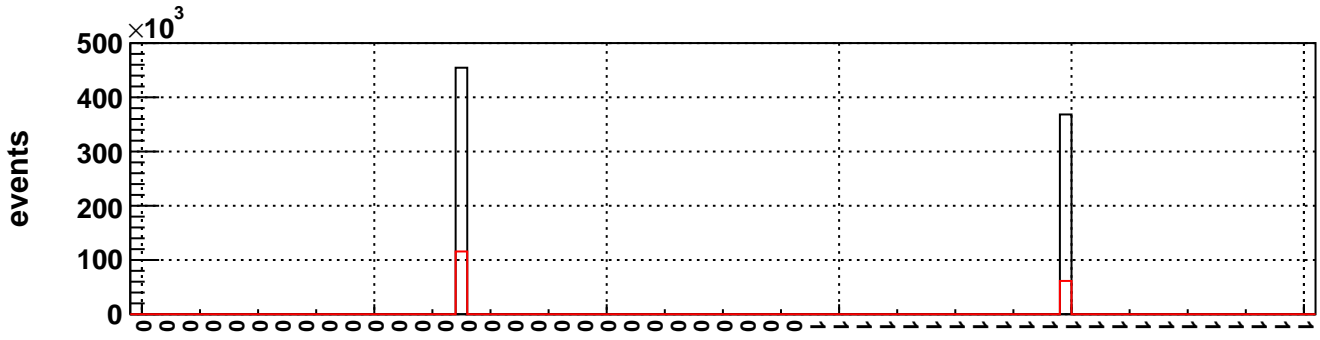
map

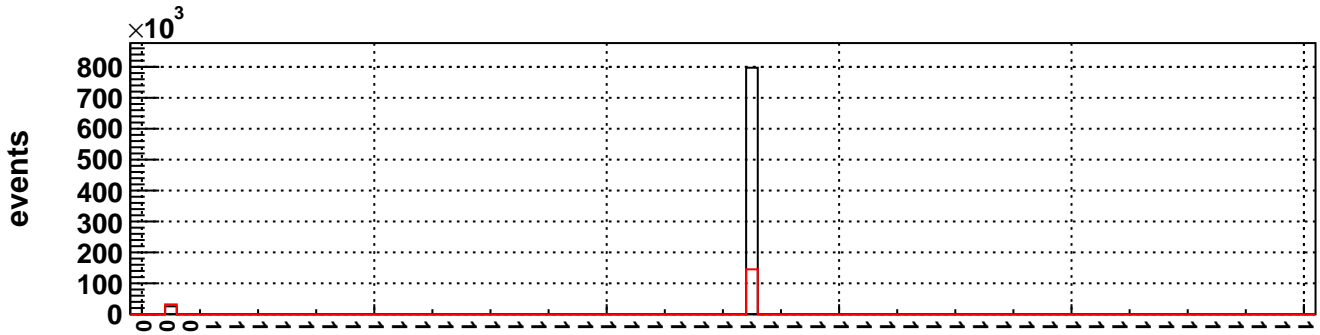


final

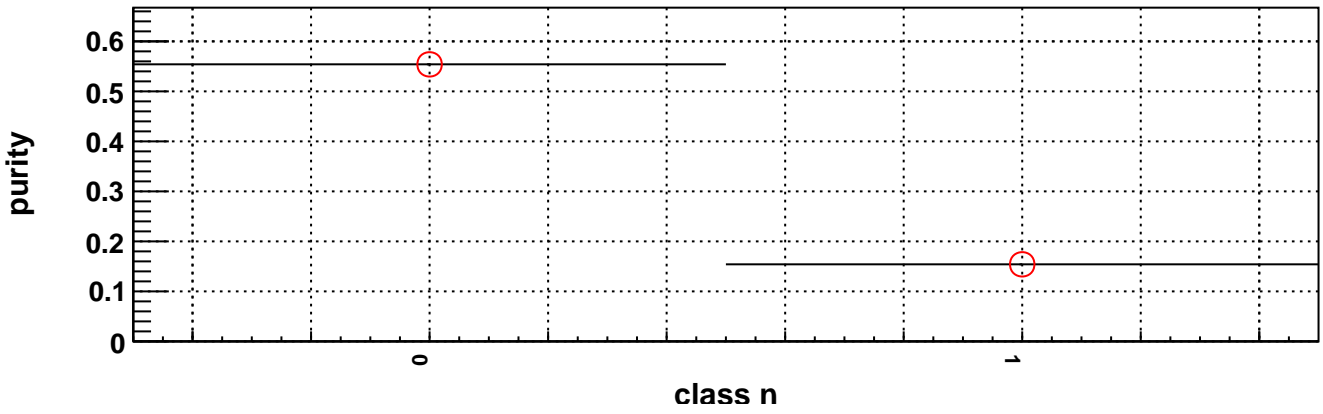


separation

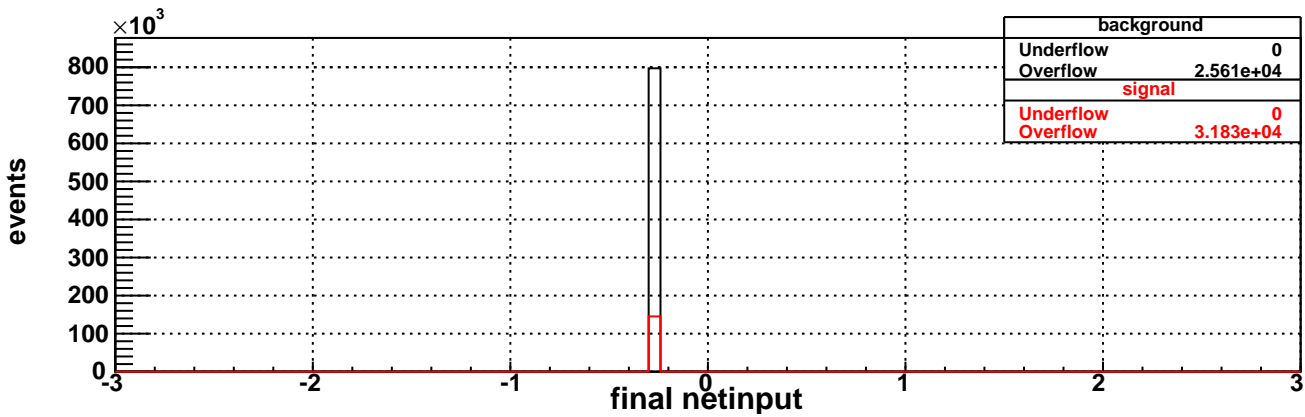




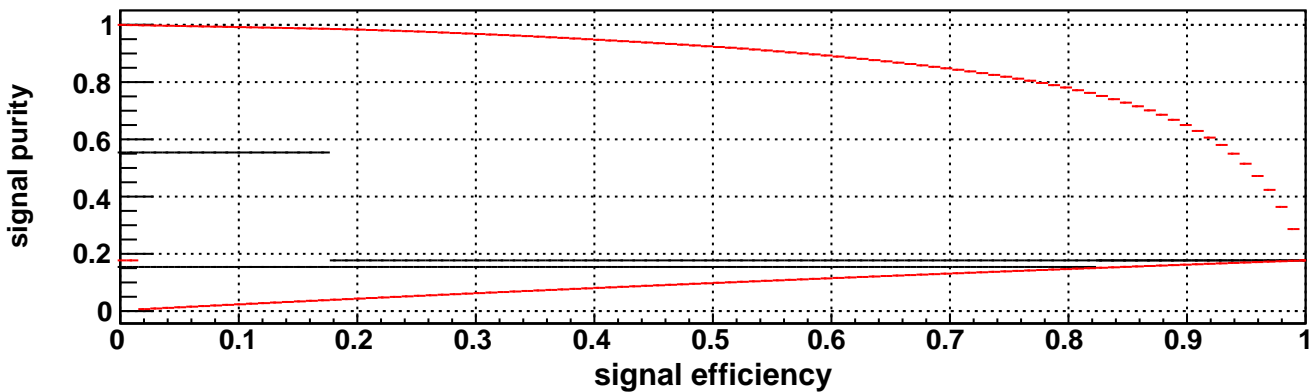
flat



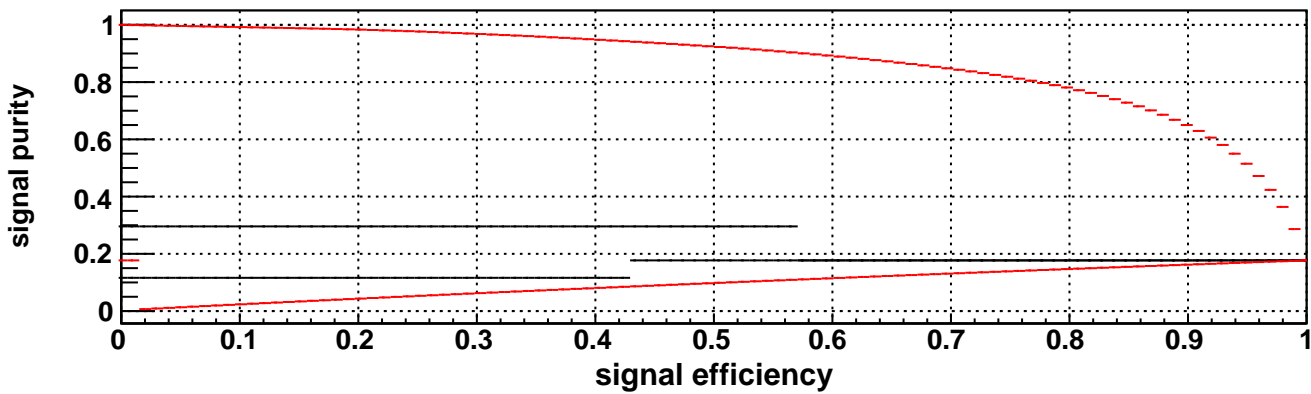
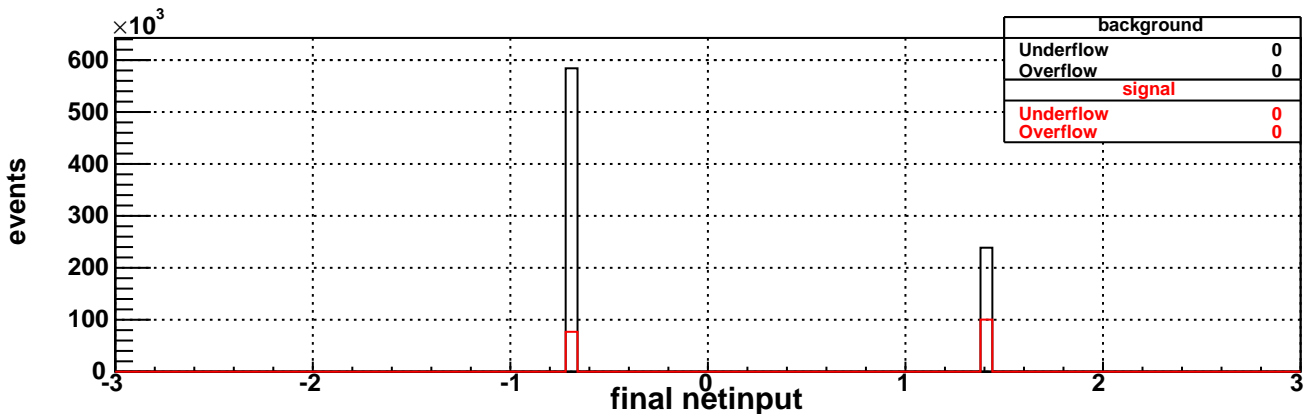
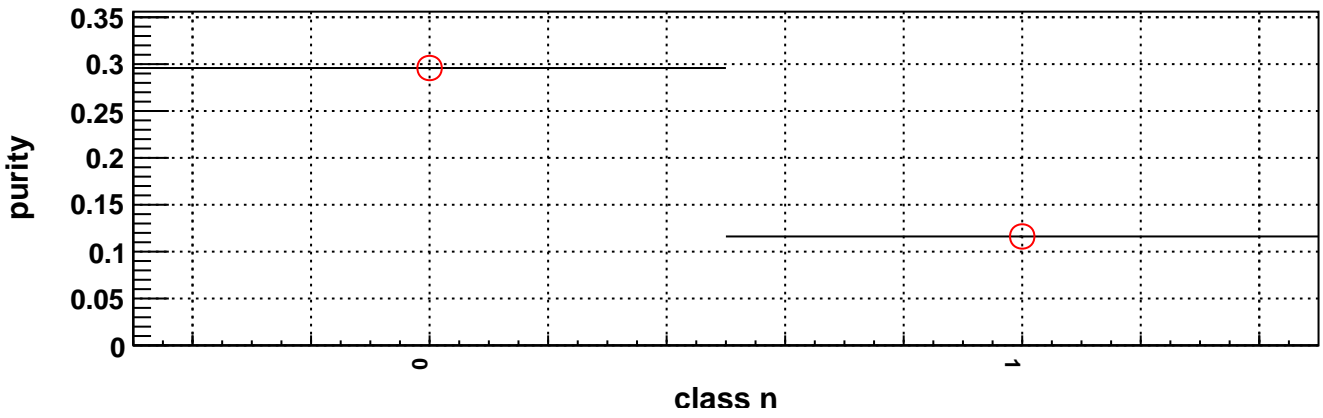
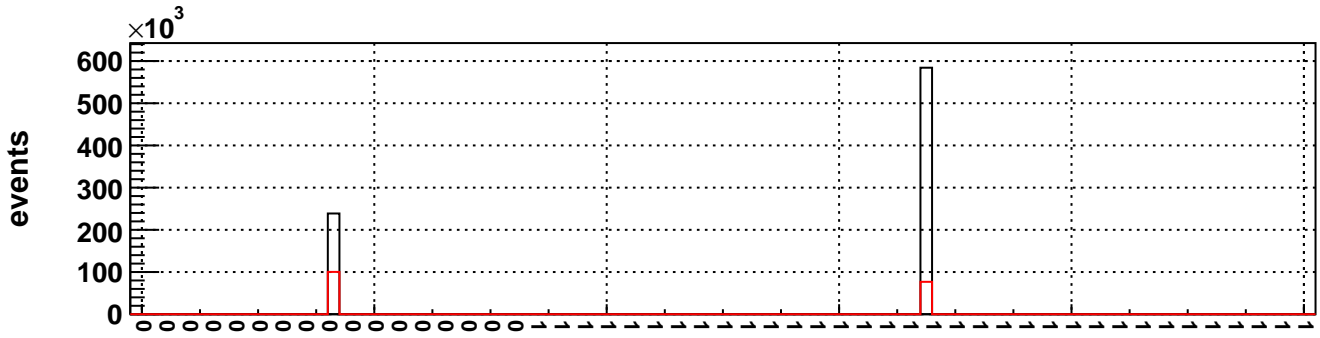
map

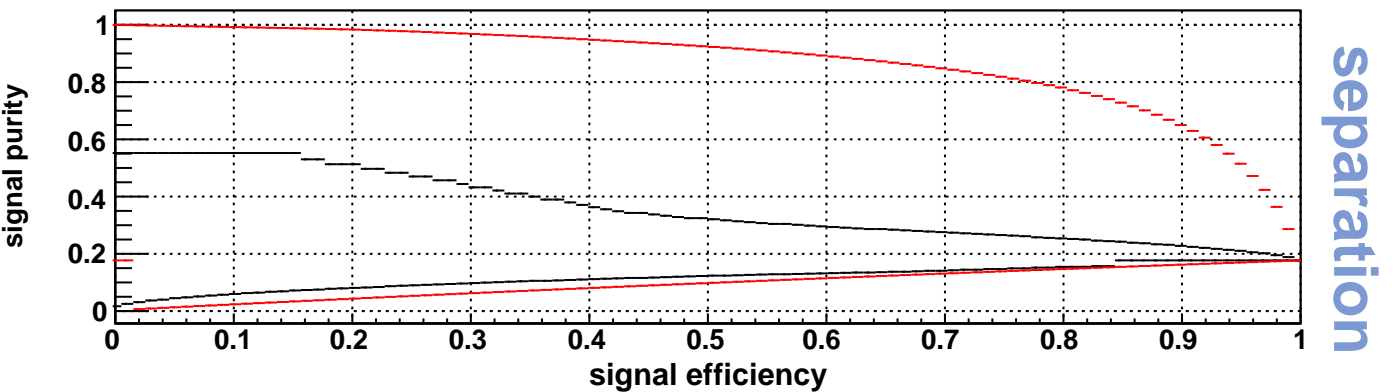
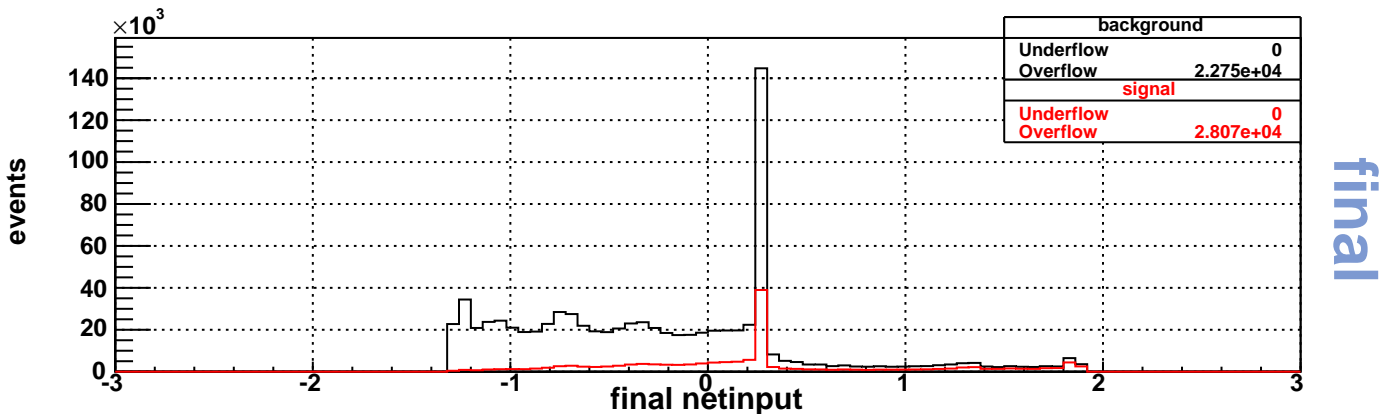
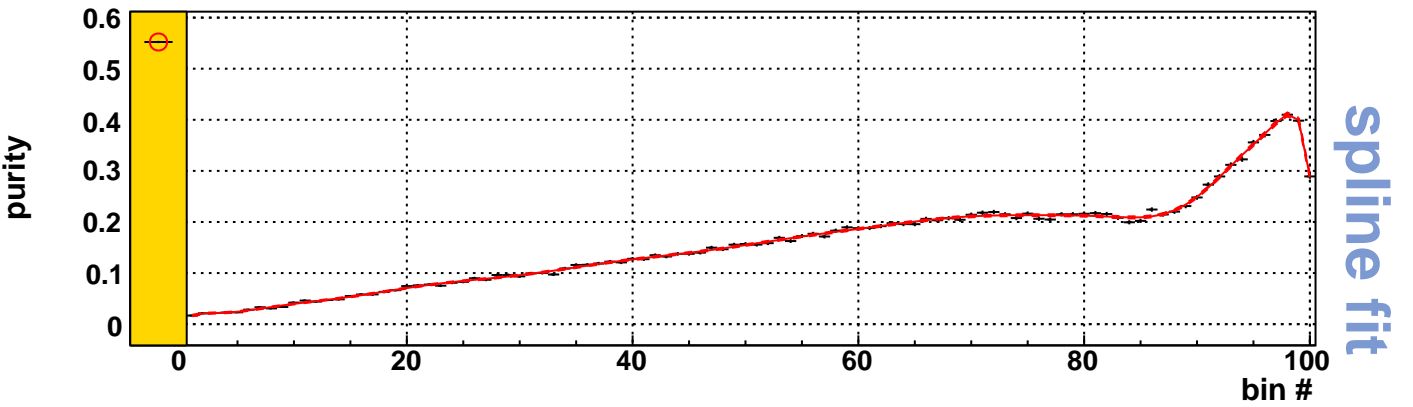
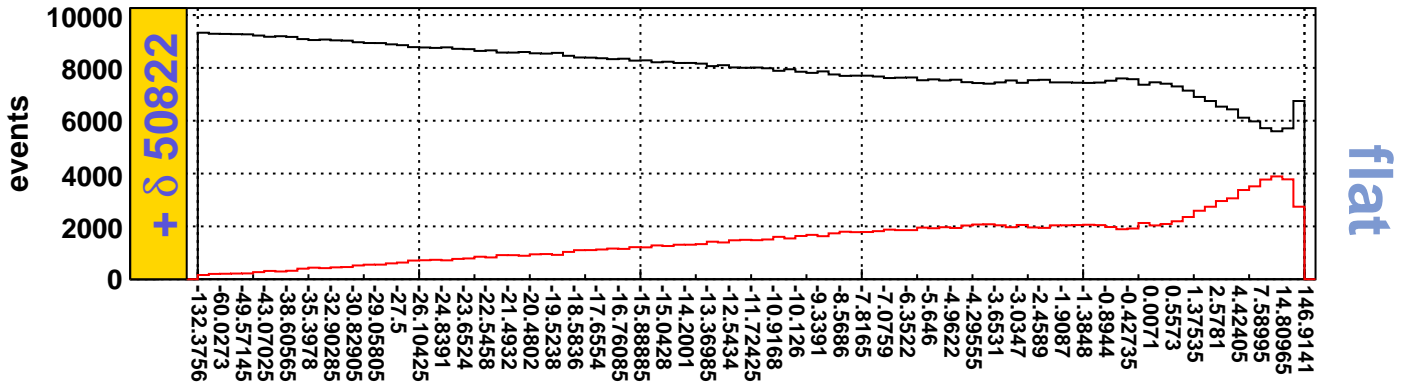


final

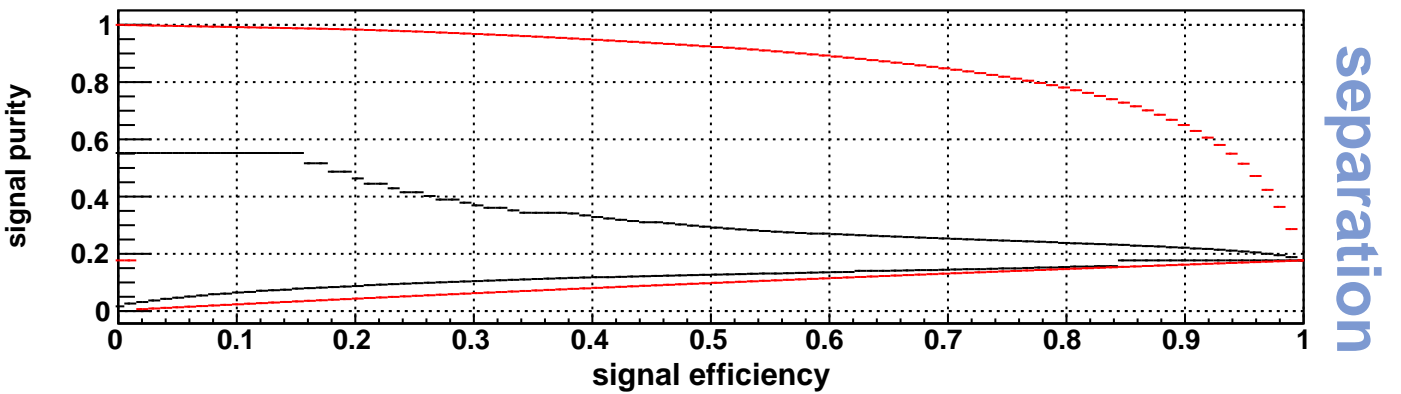
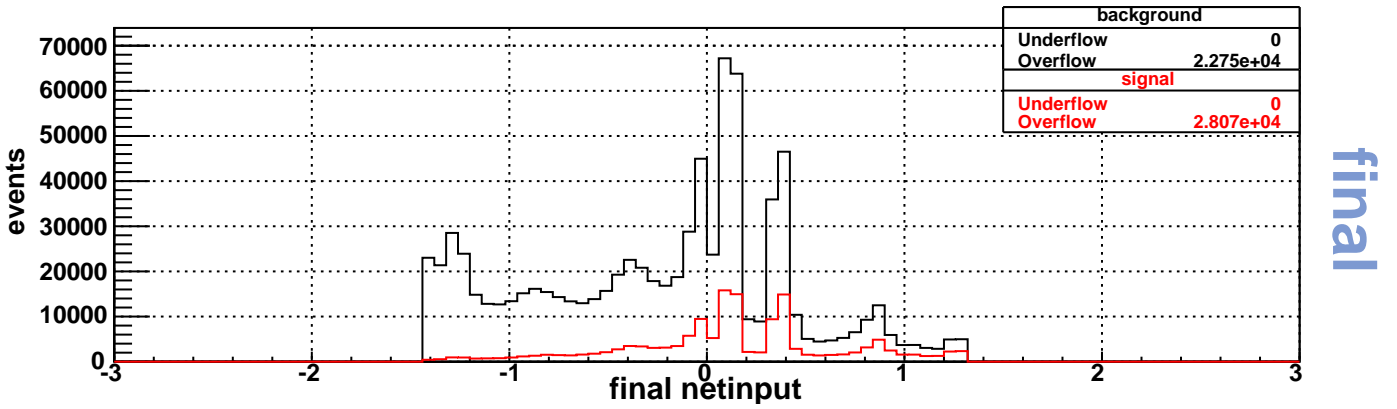
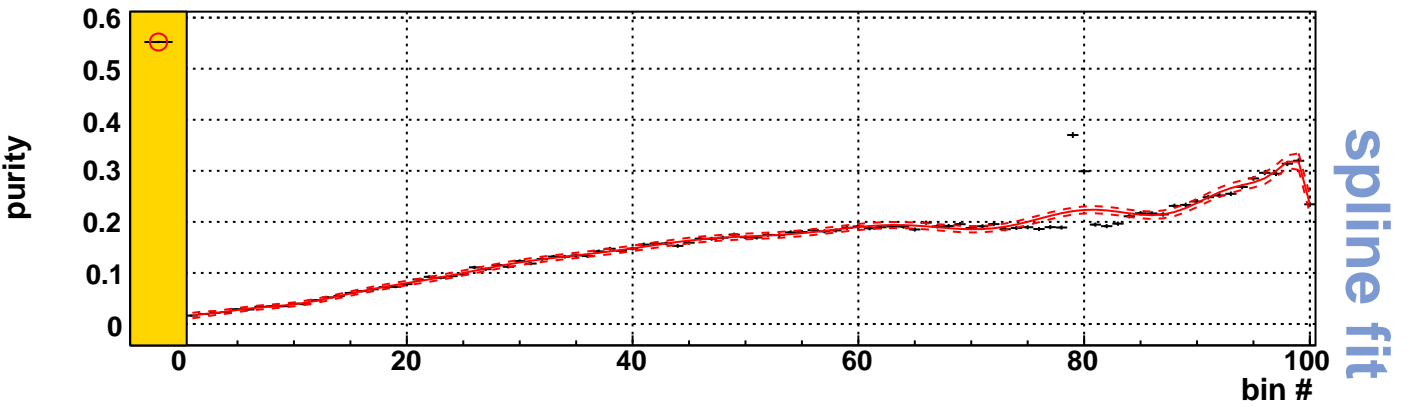
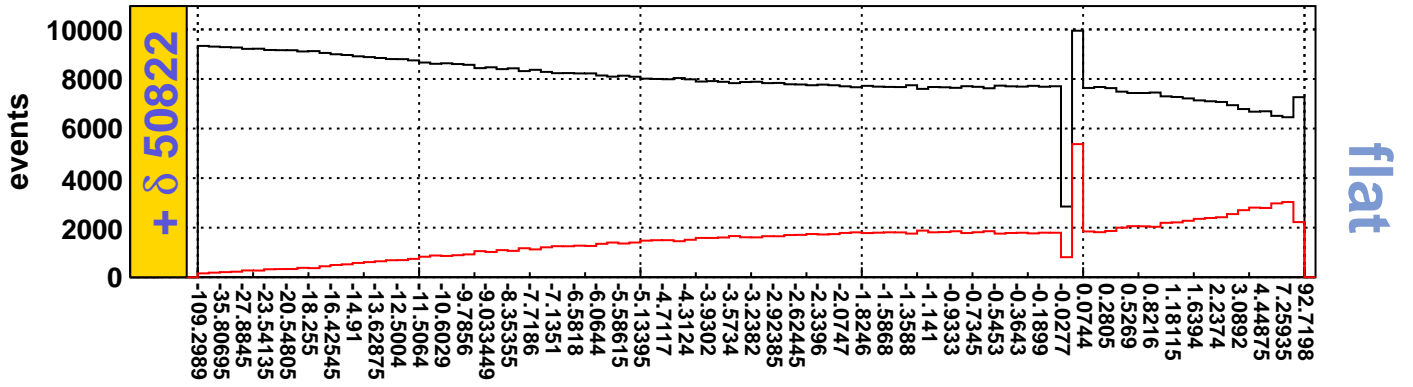


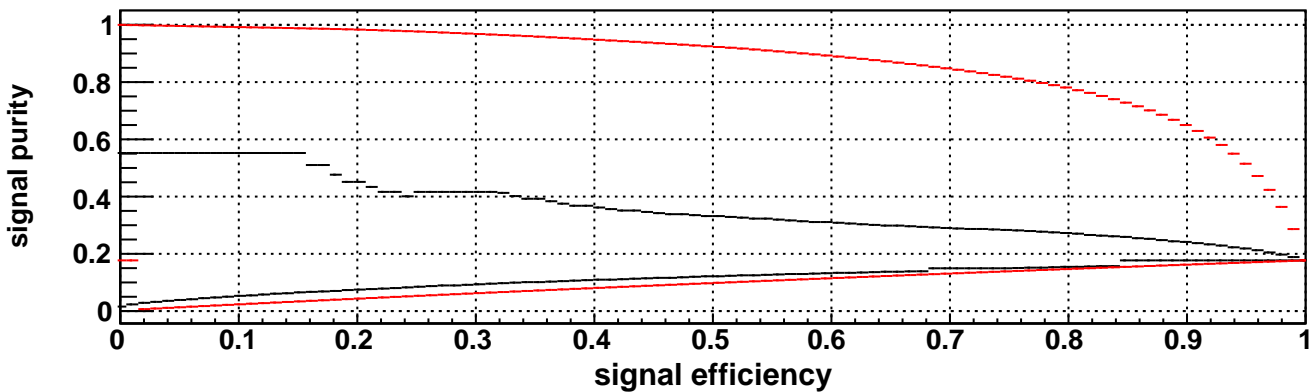
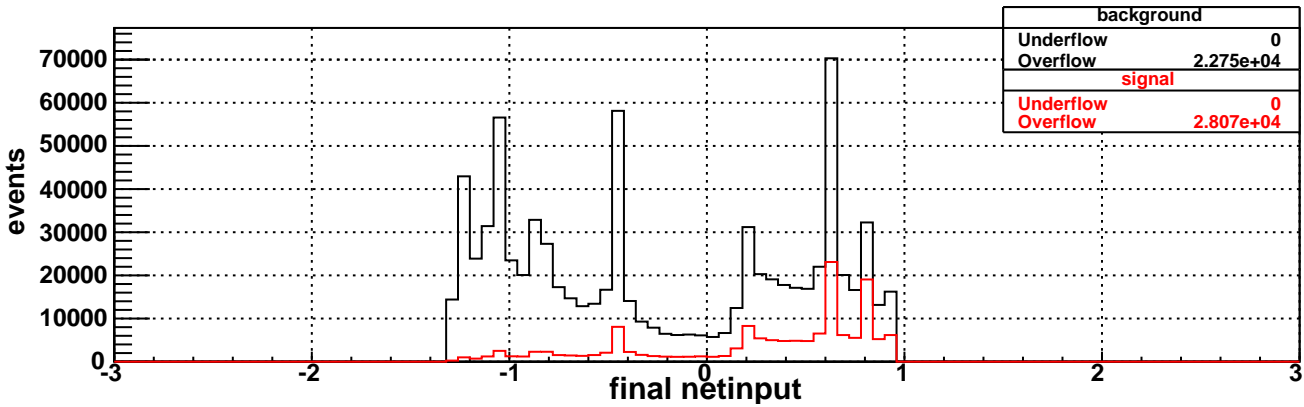
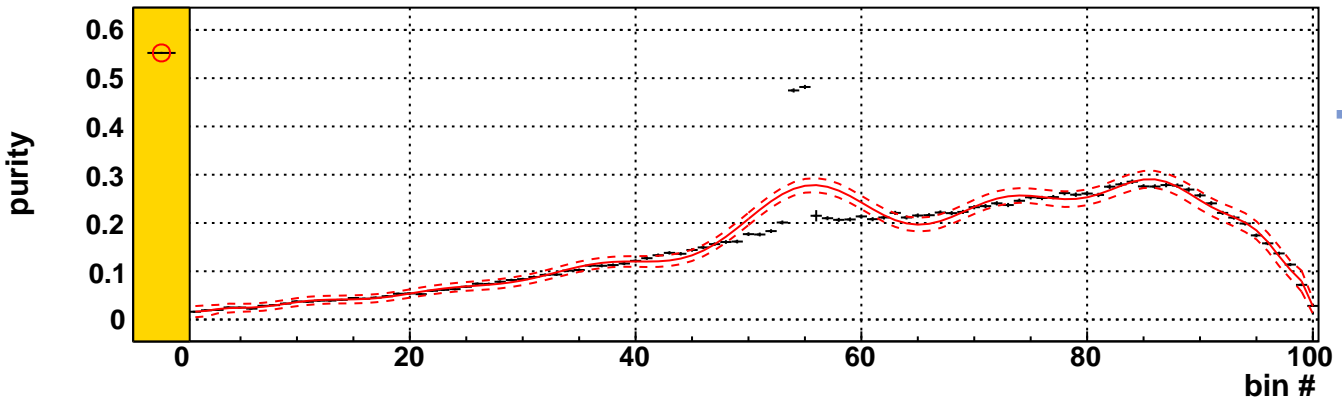
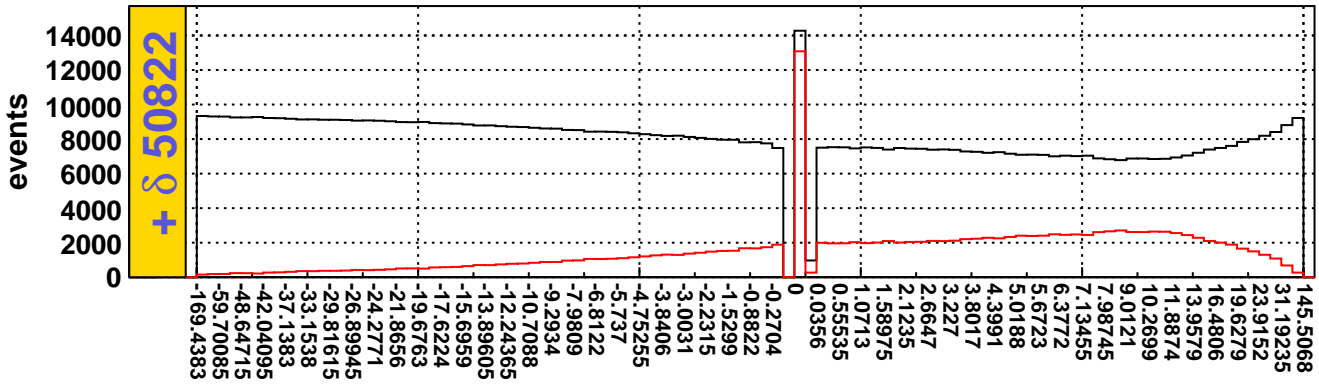
separation

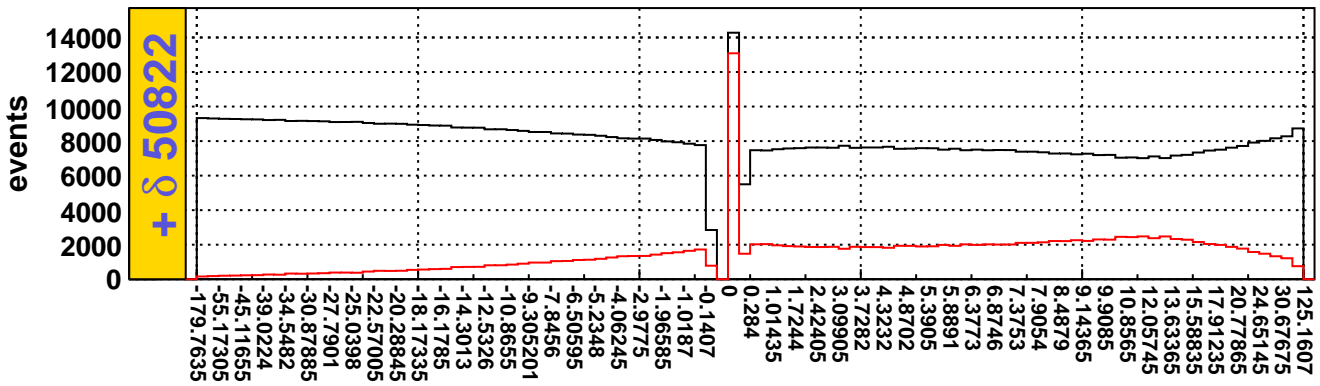




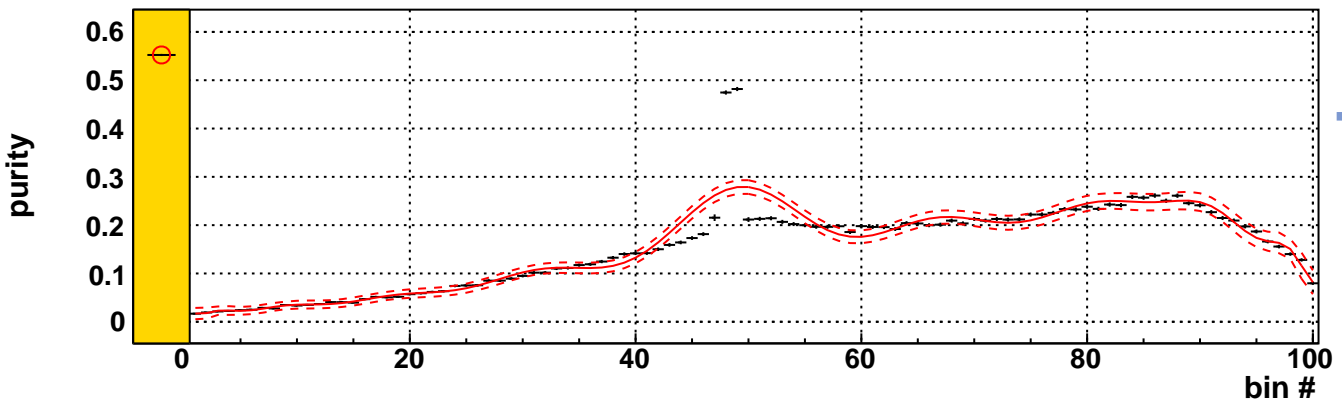




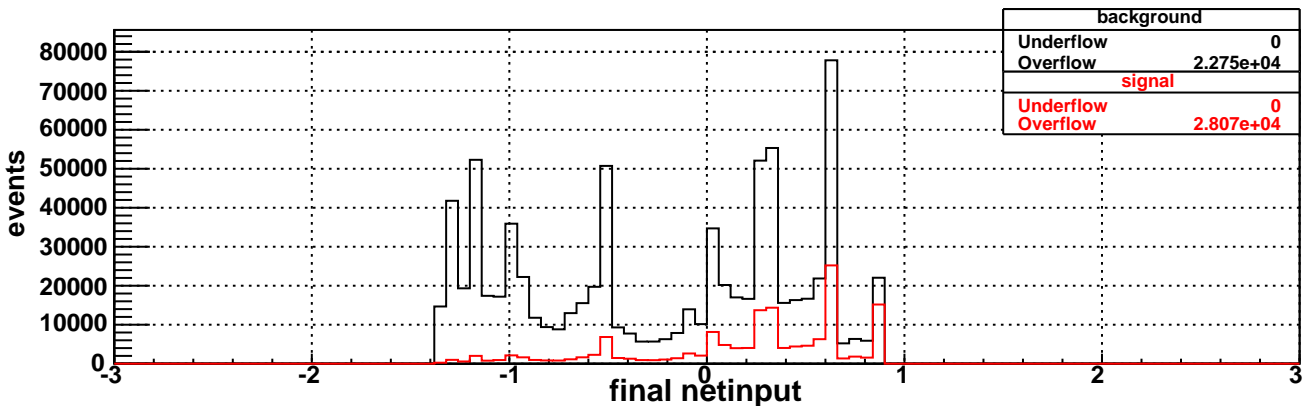




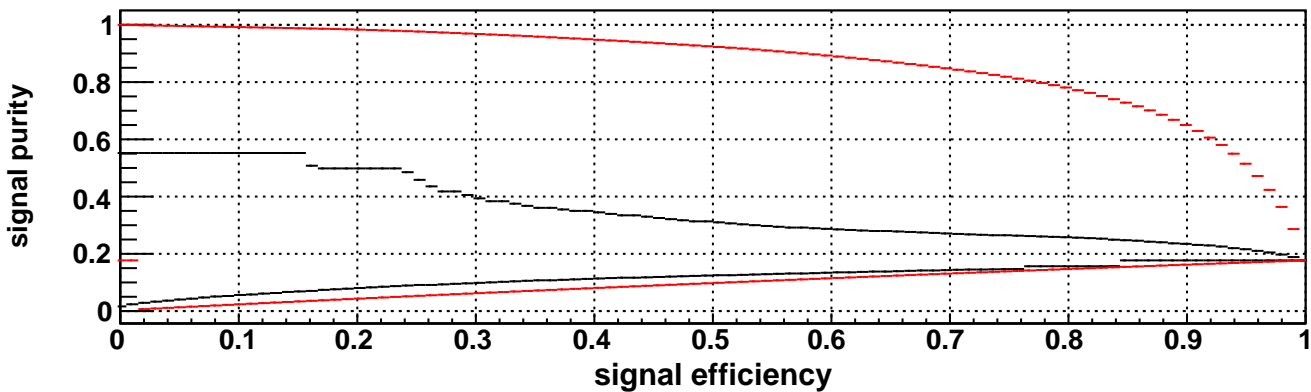
flat



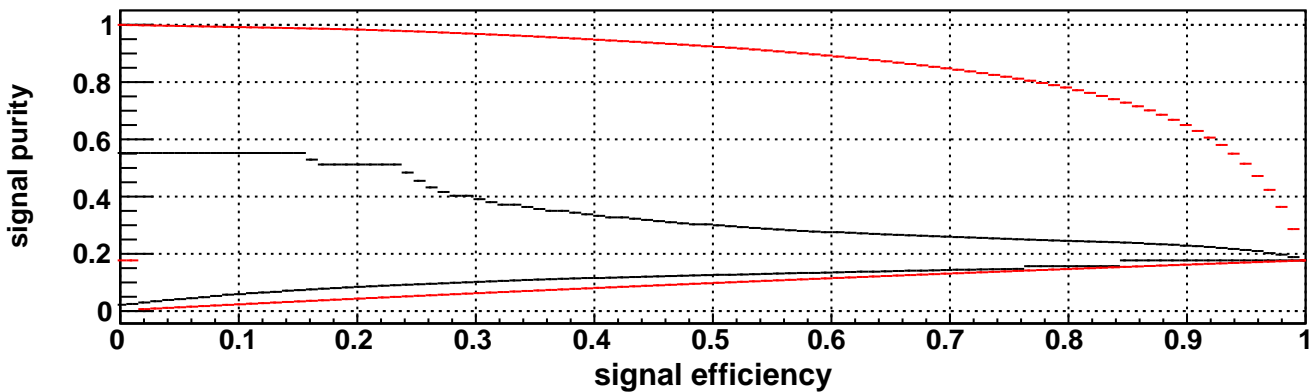
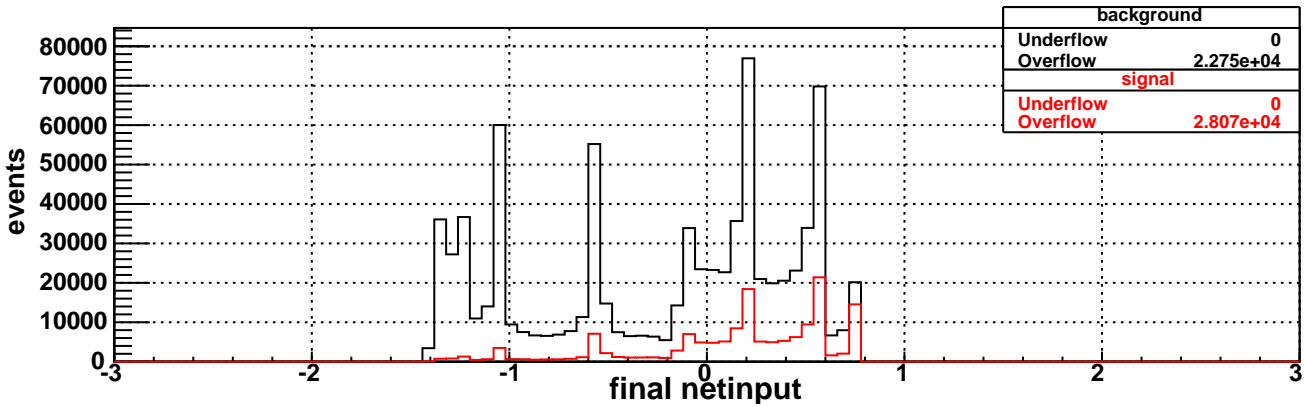
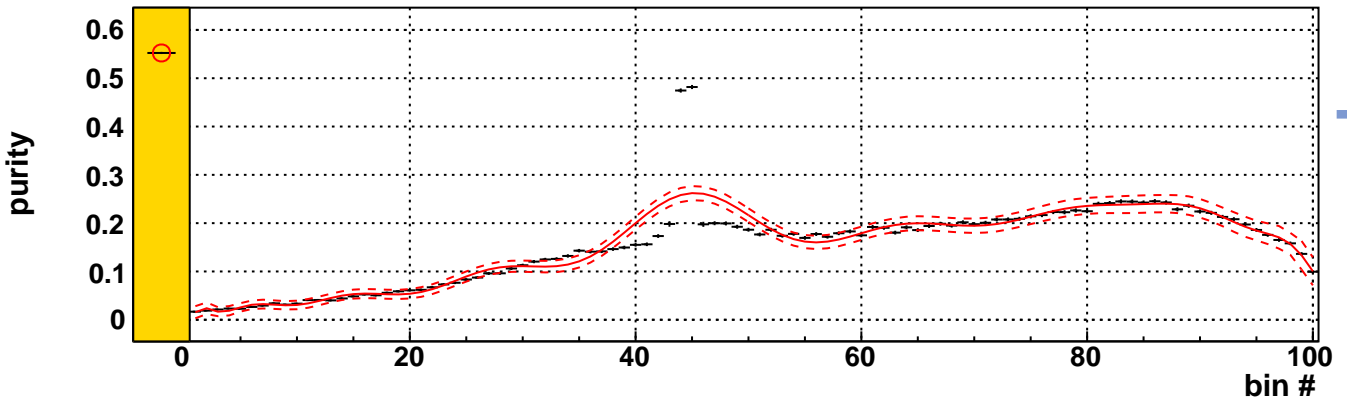
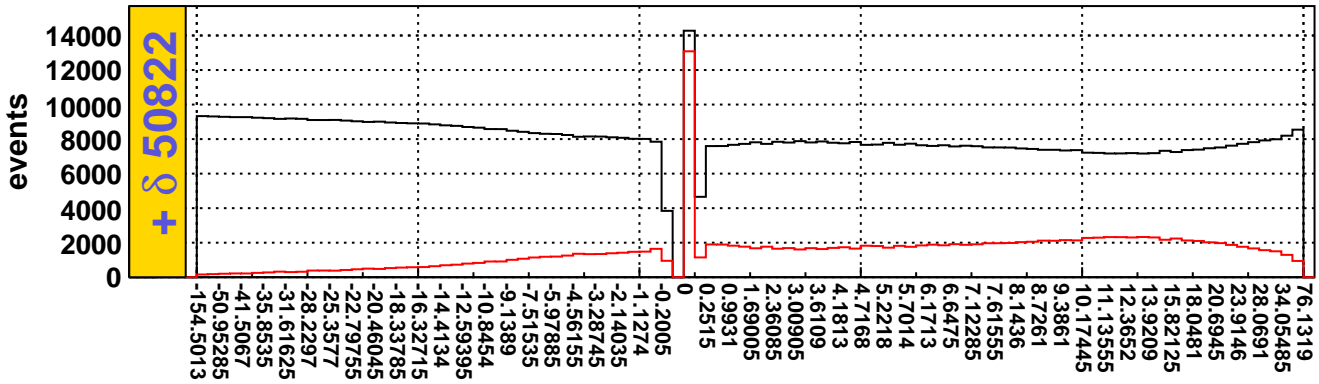
spline fit

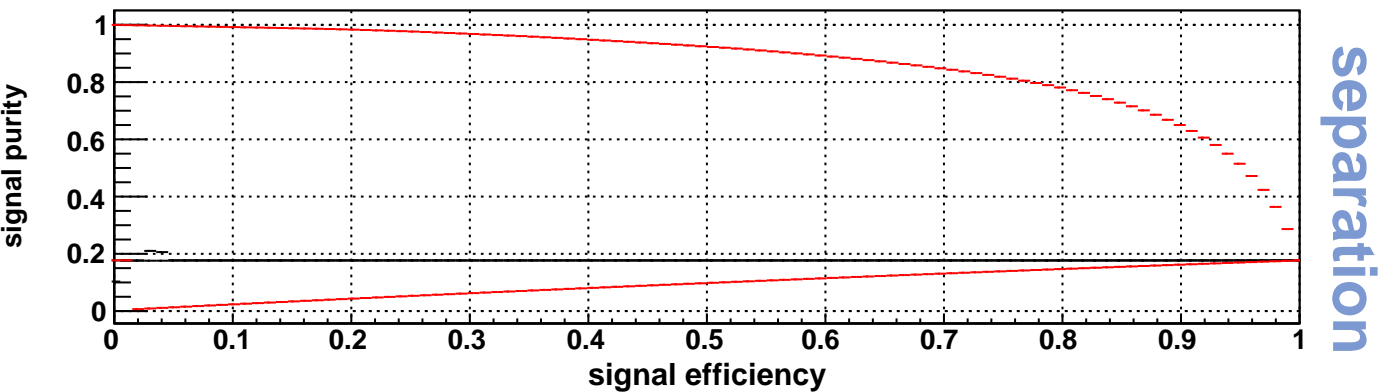
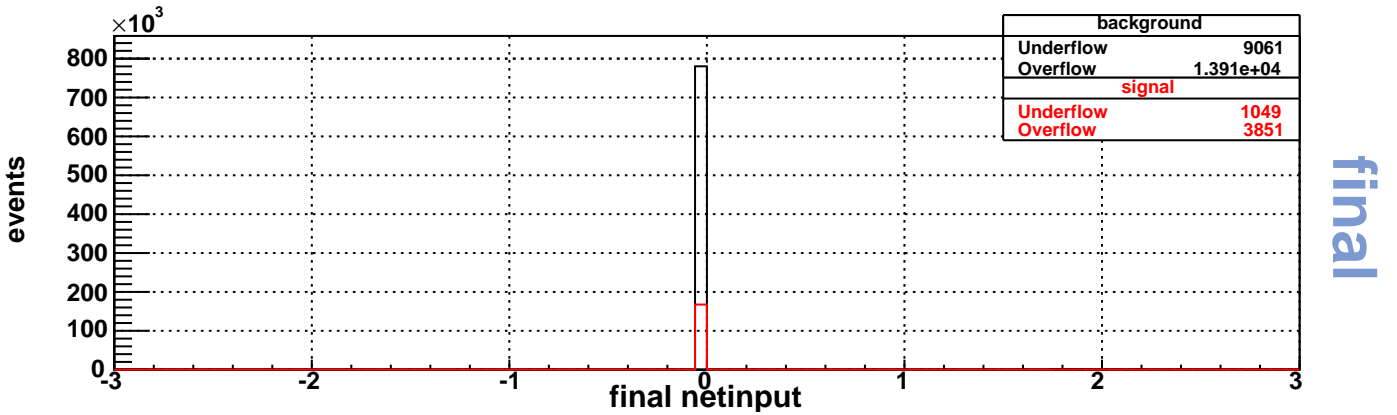
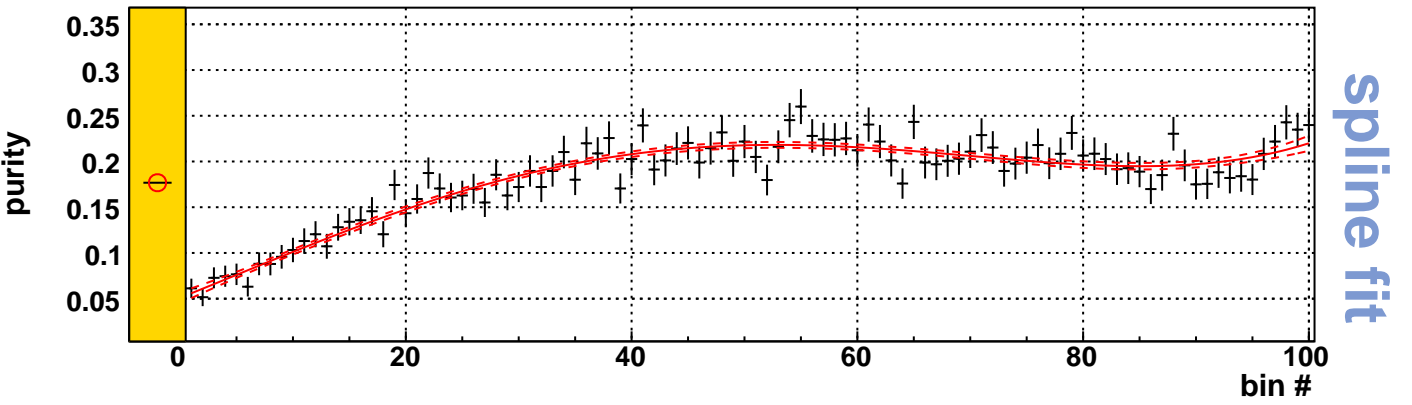
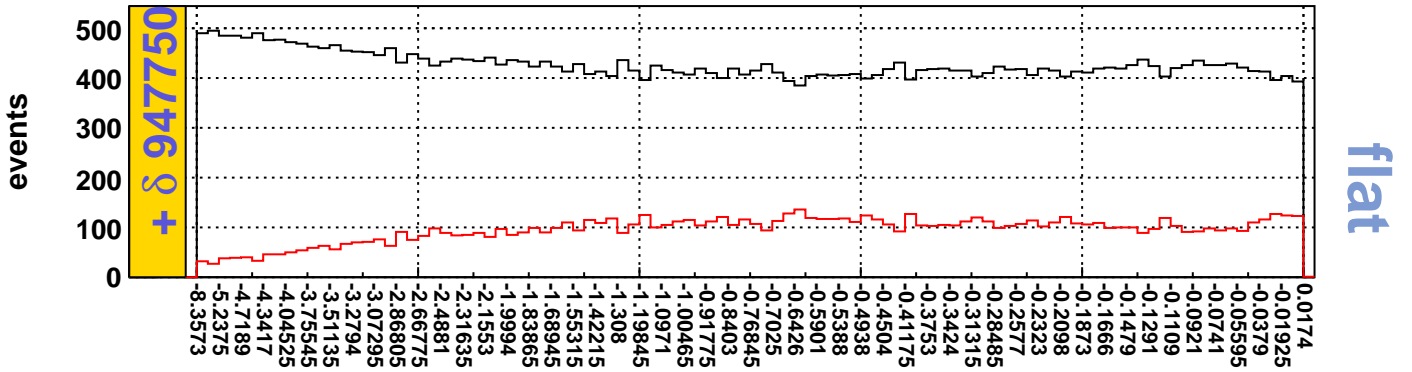


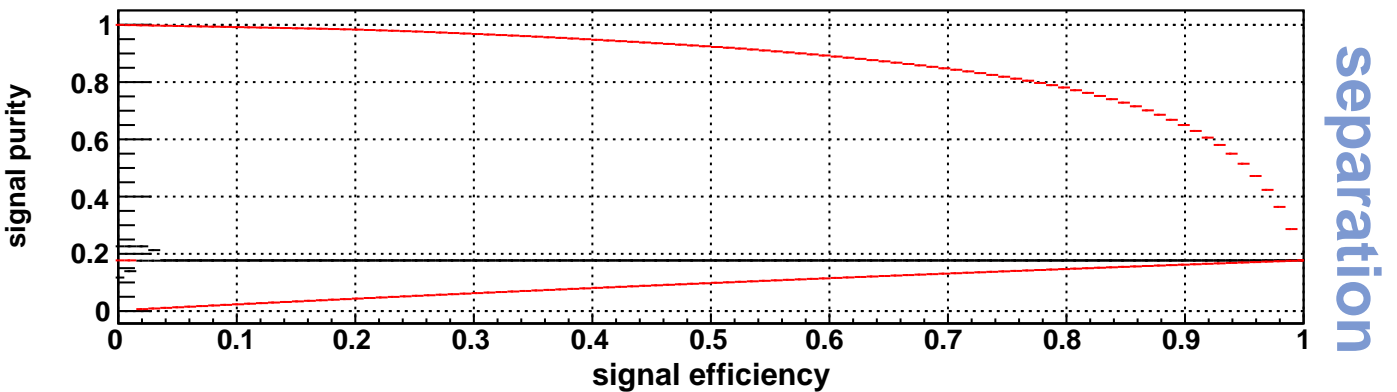
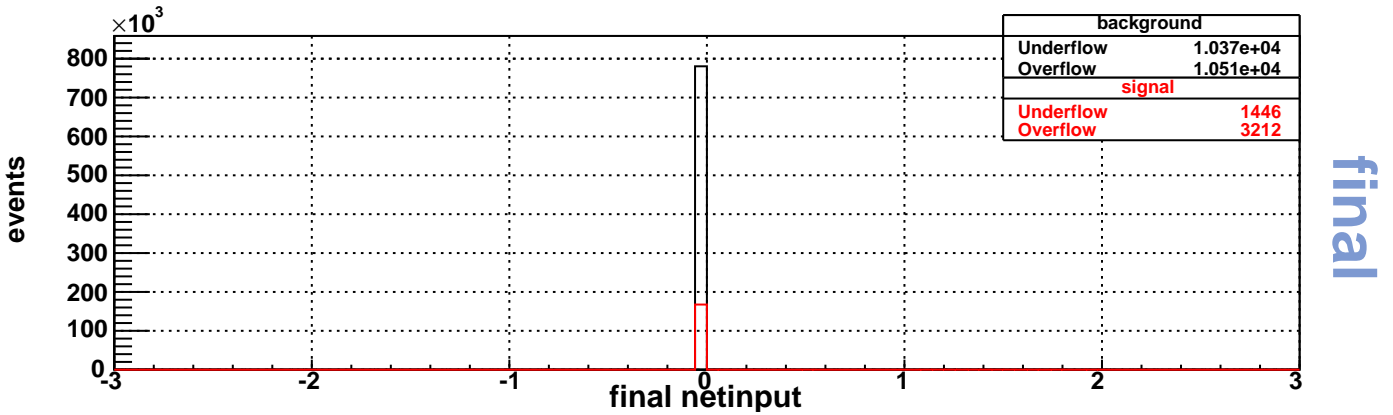
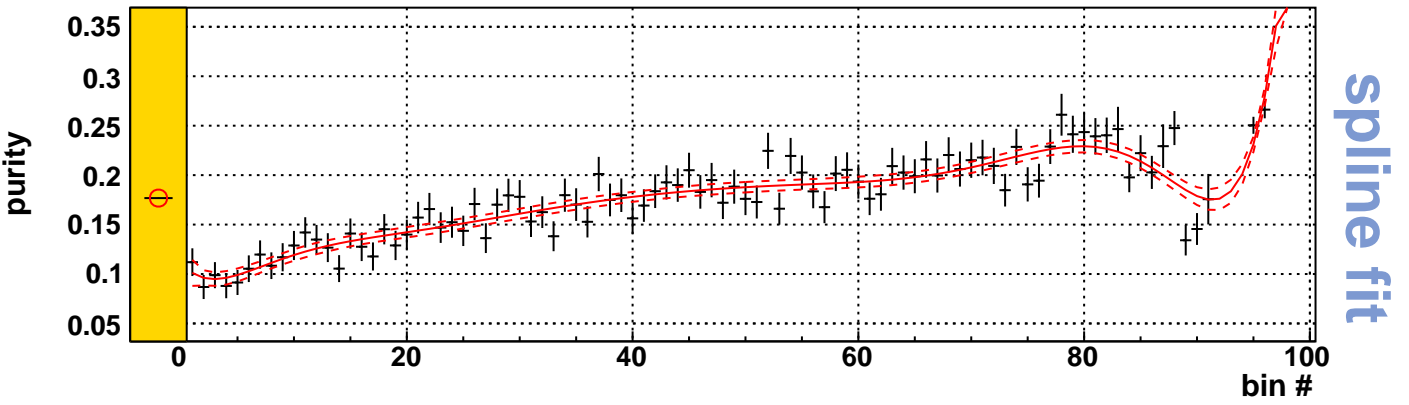
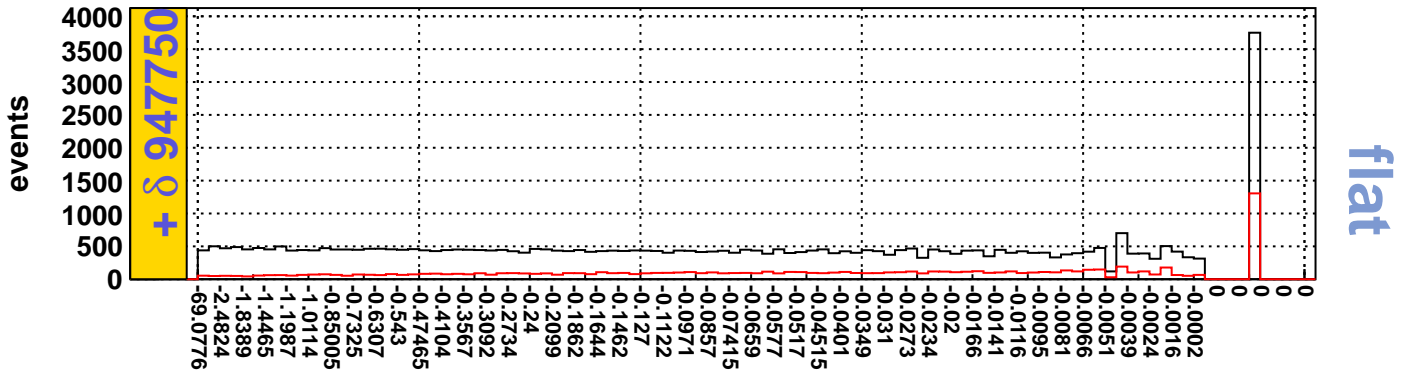
final

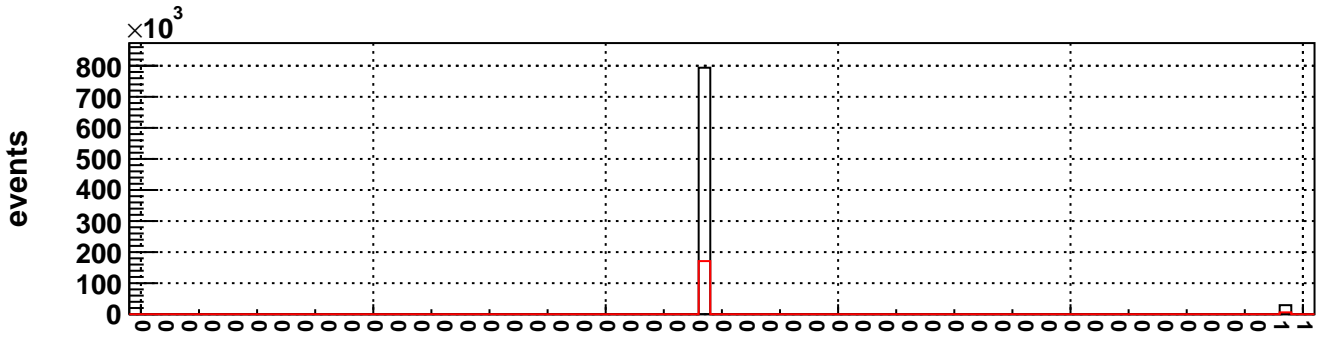


separation

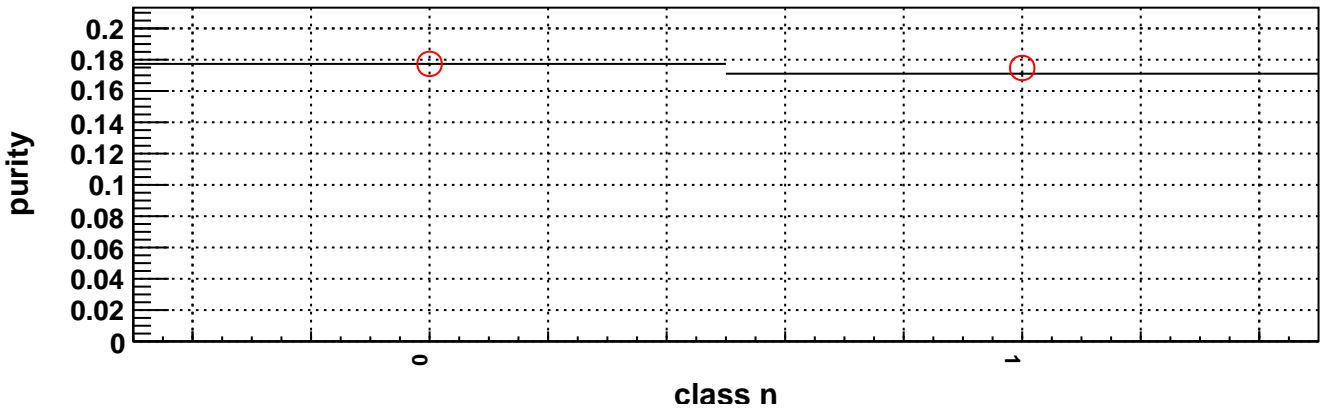




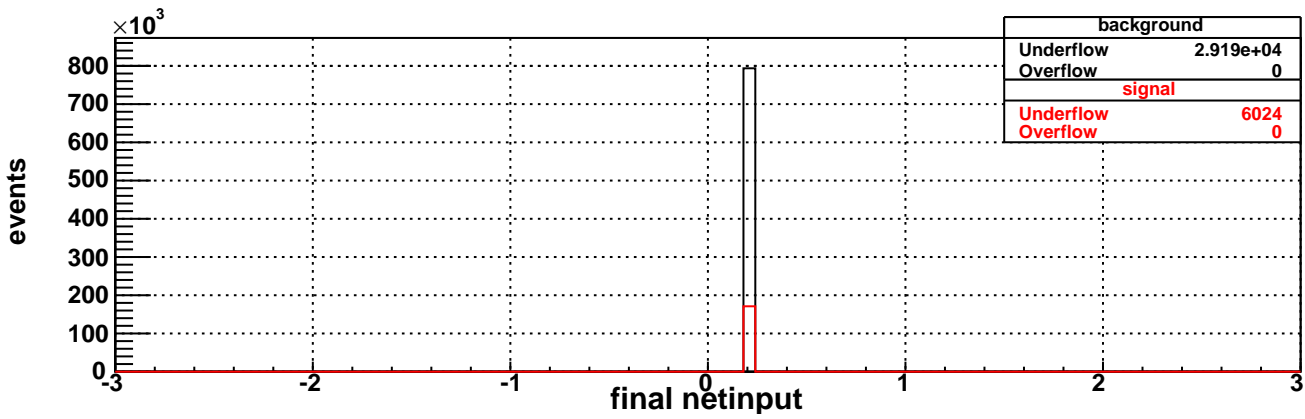




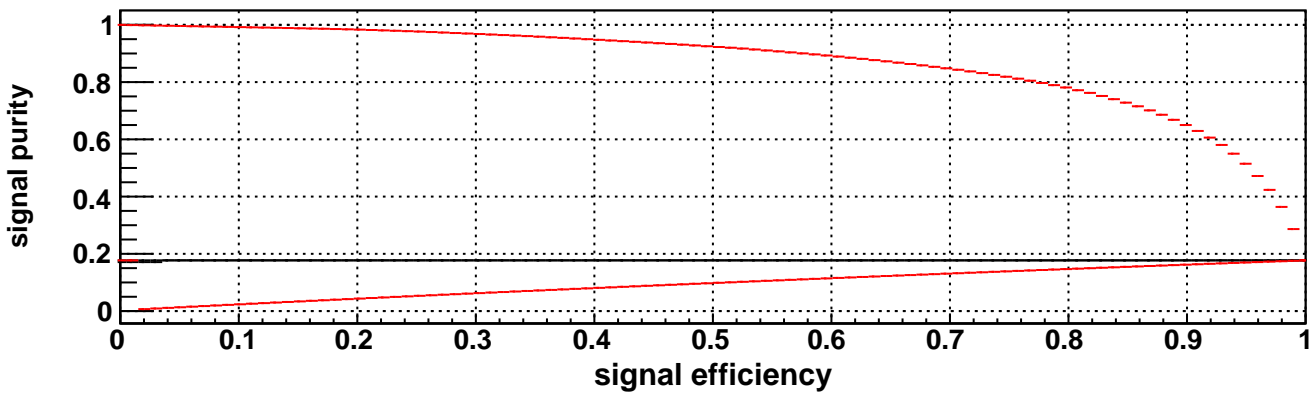
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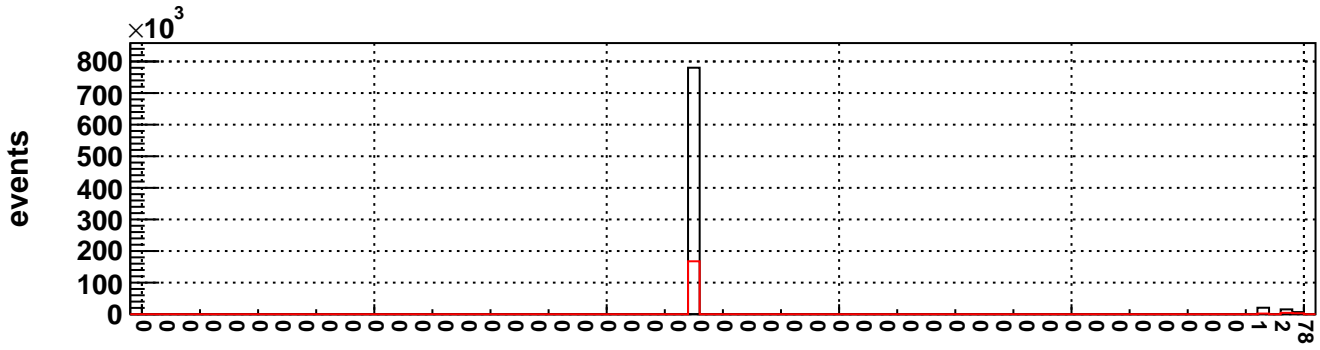
map



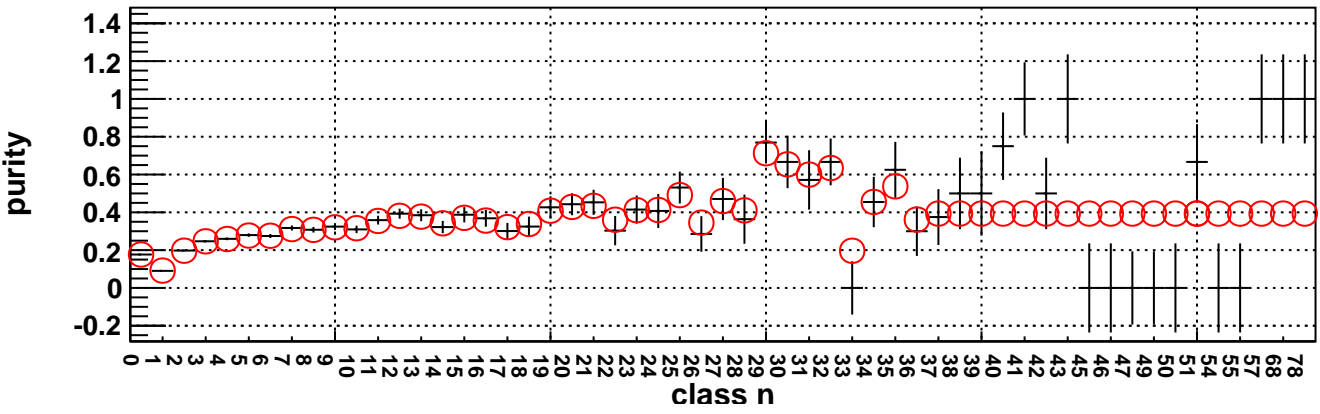
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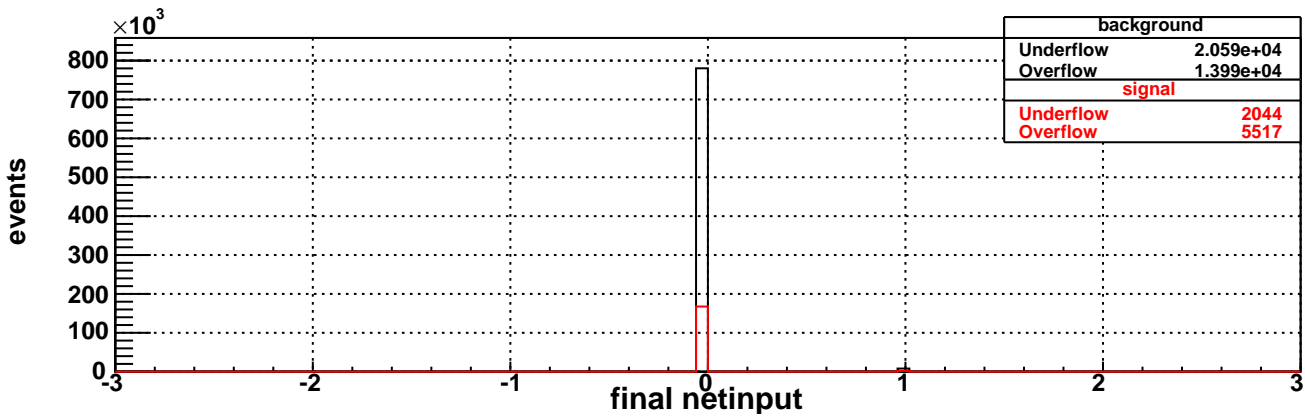
separation



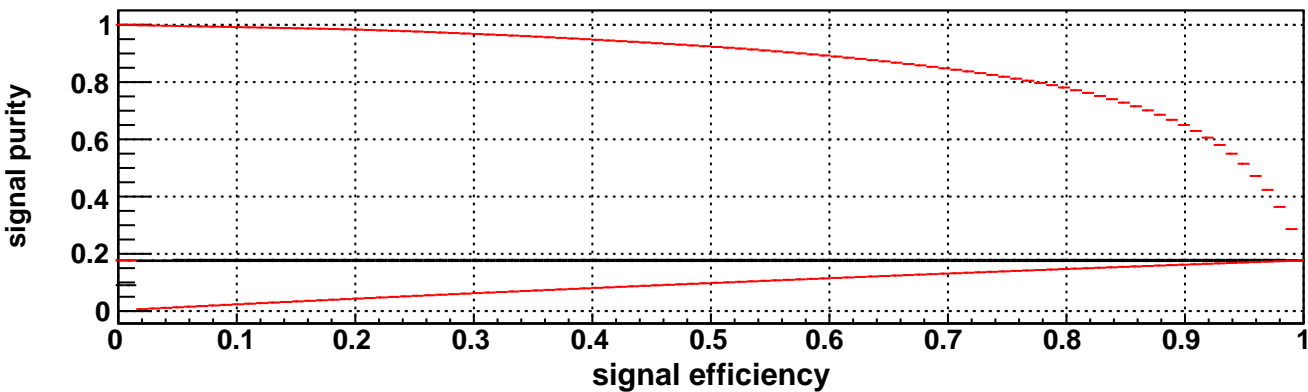
flat



map

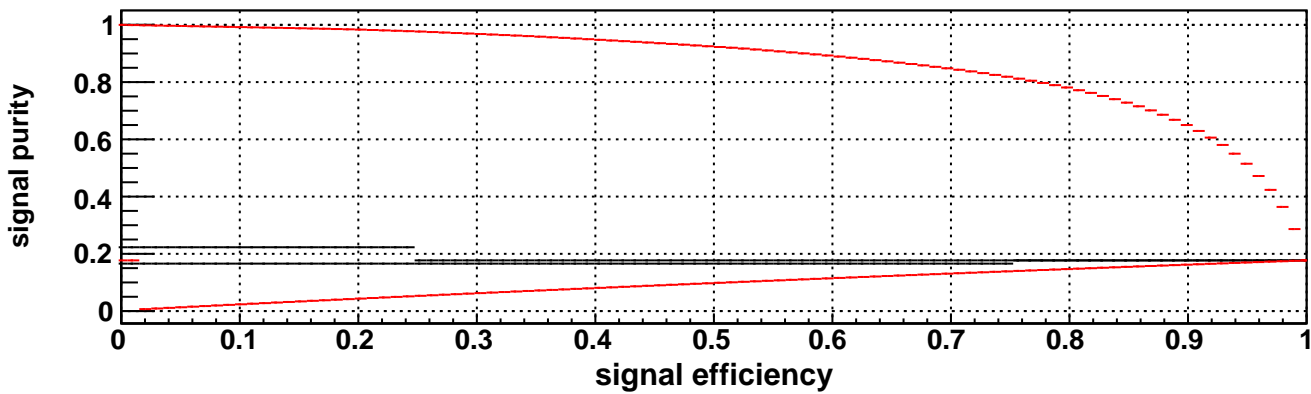
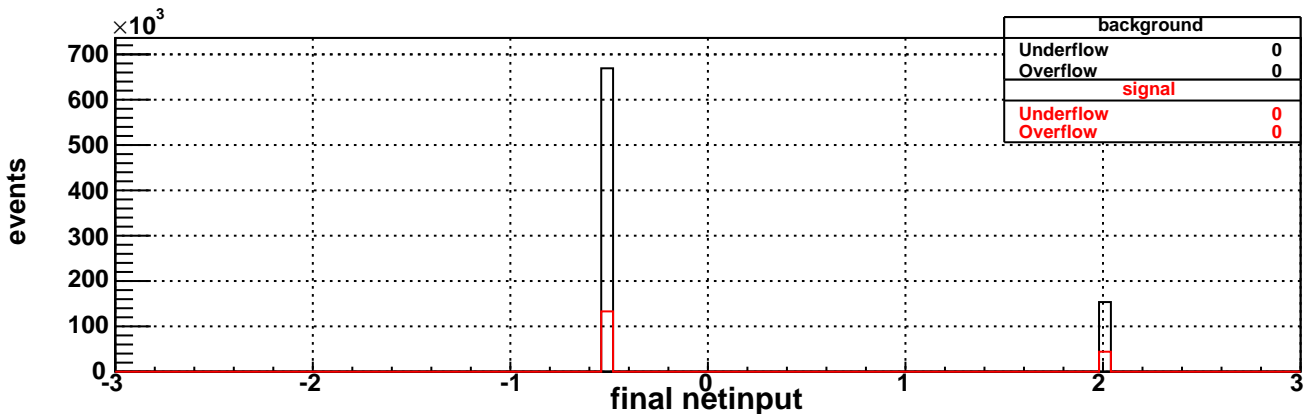
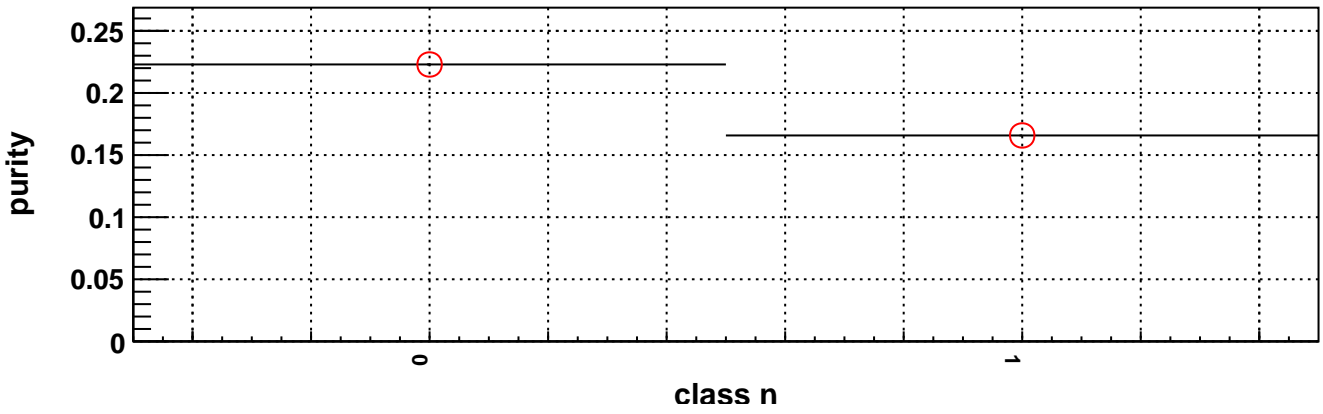
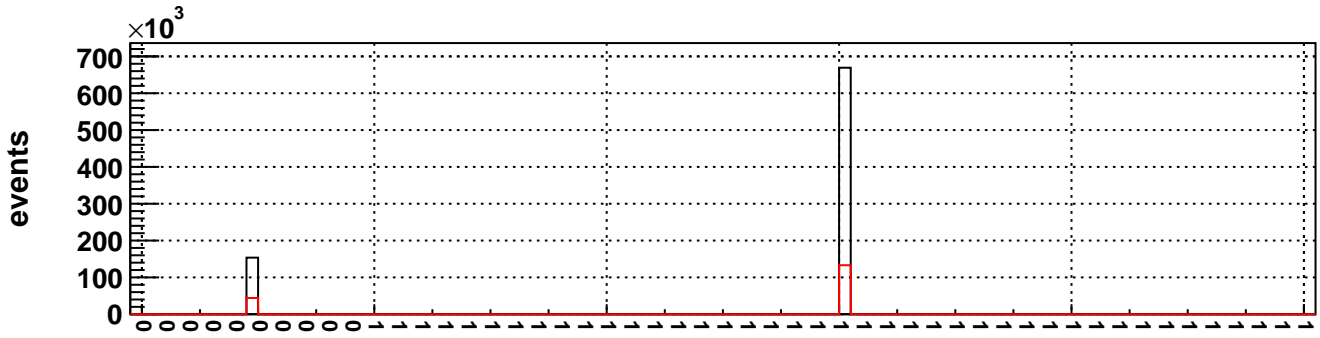


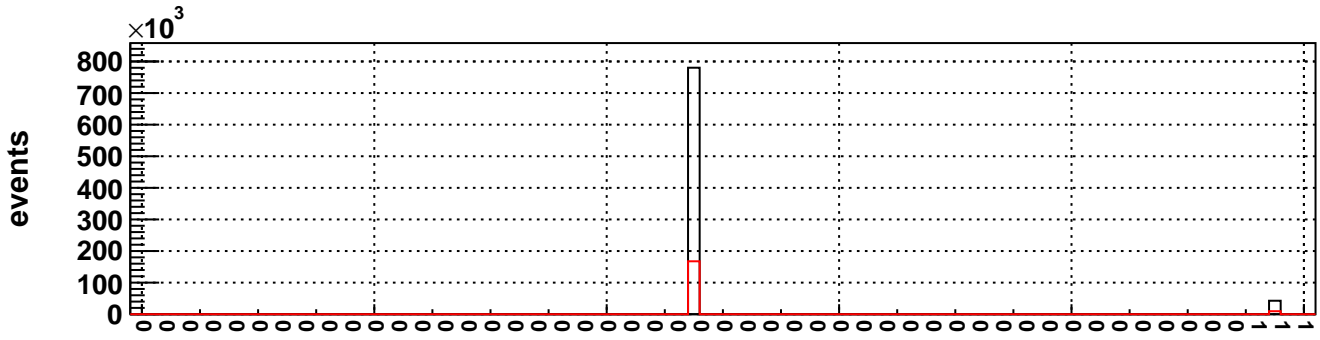
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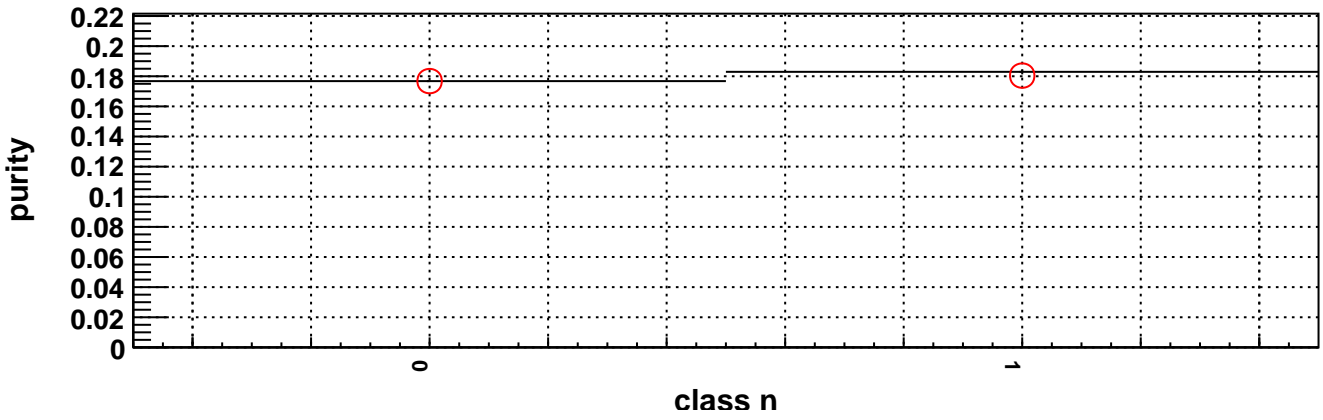
separation



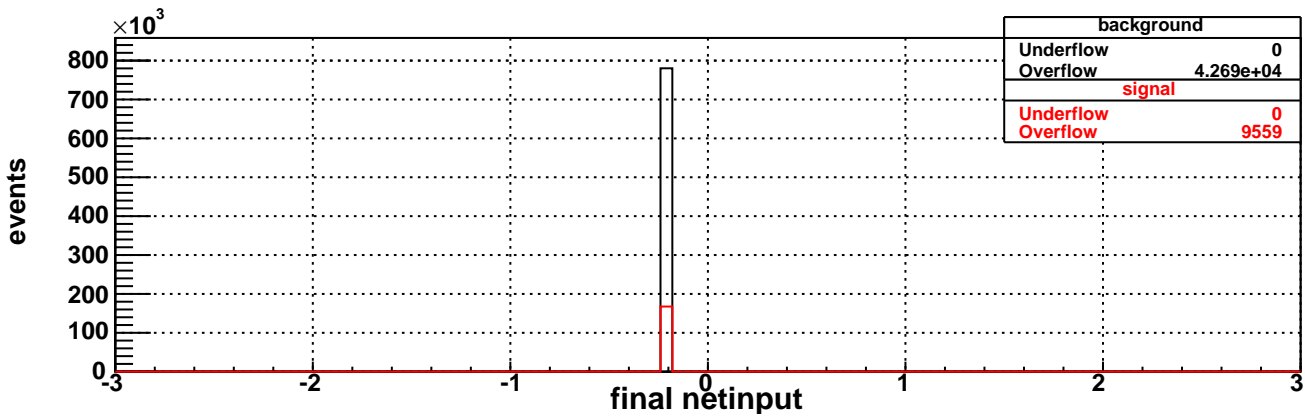




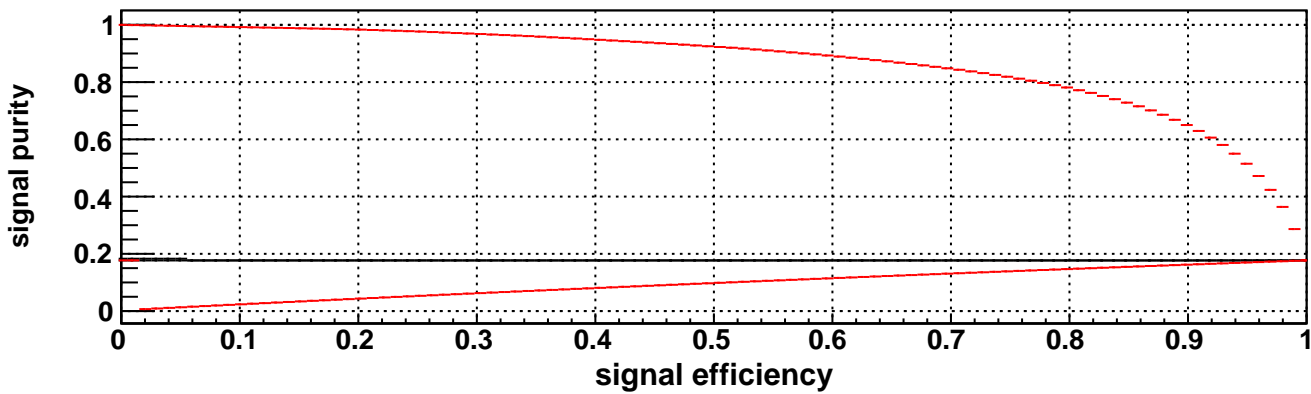
flat



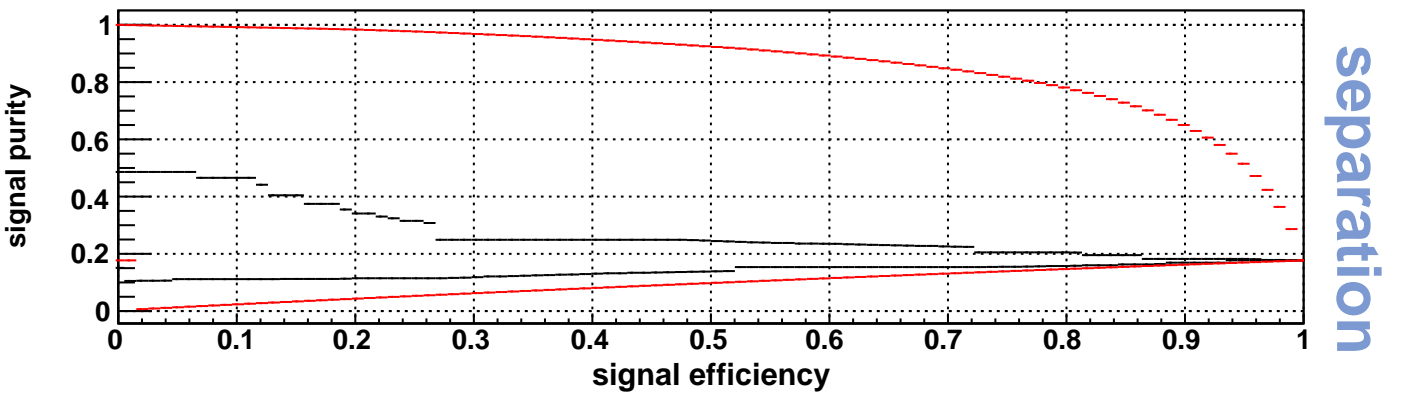
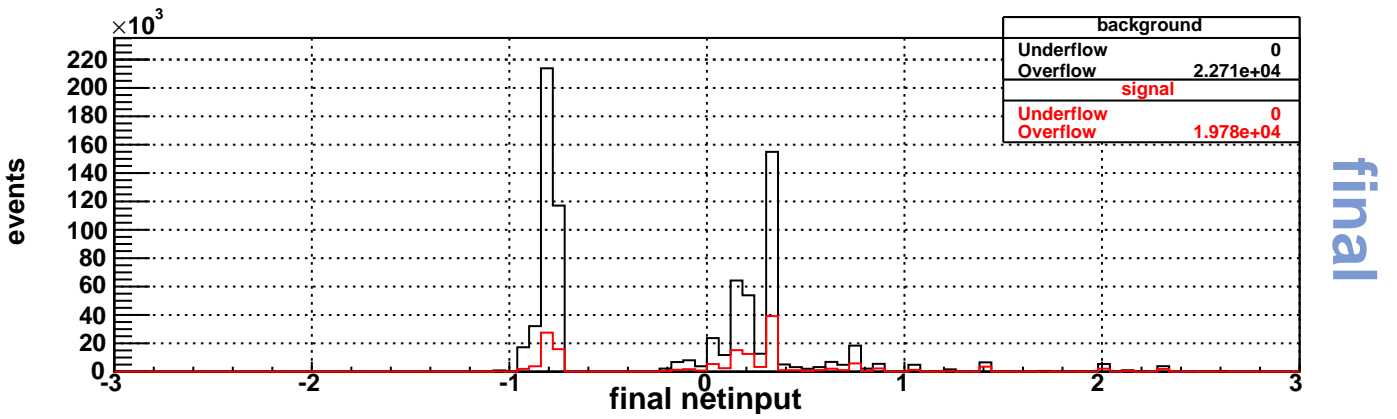
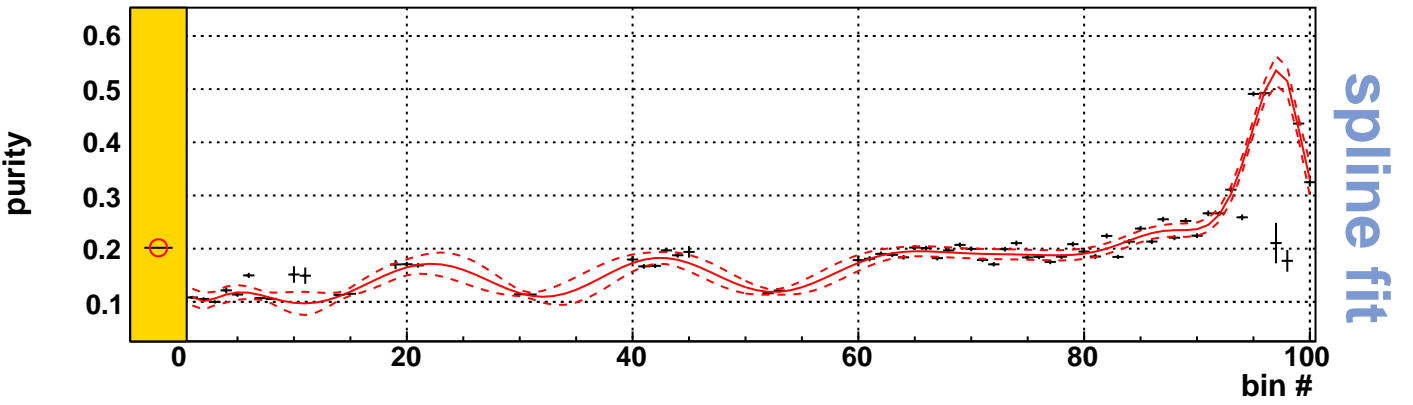
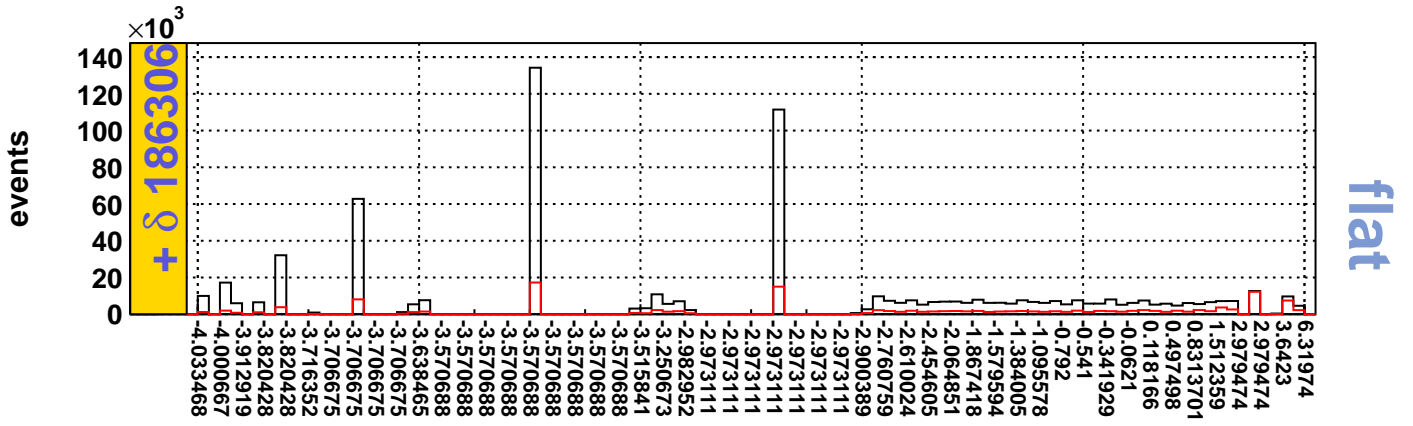
map

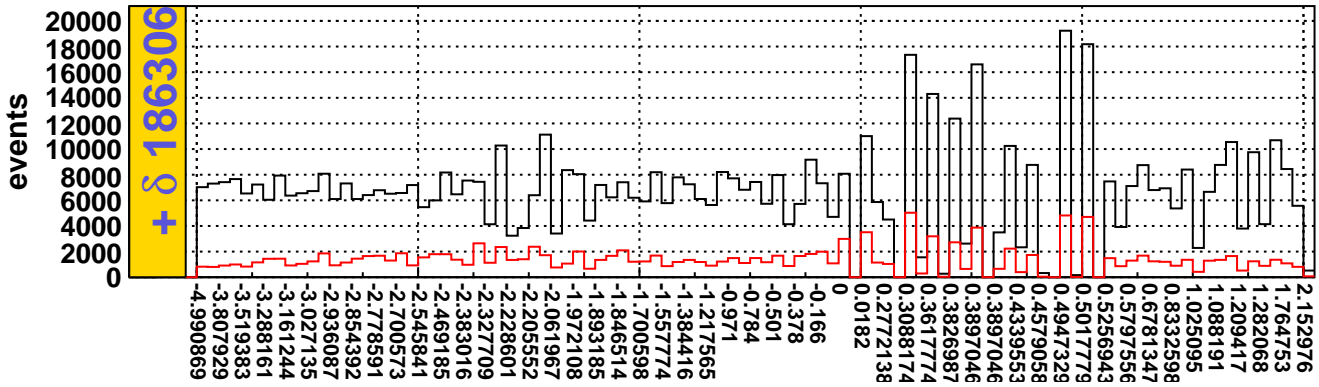


final

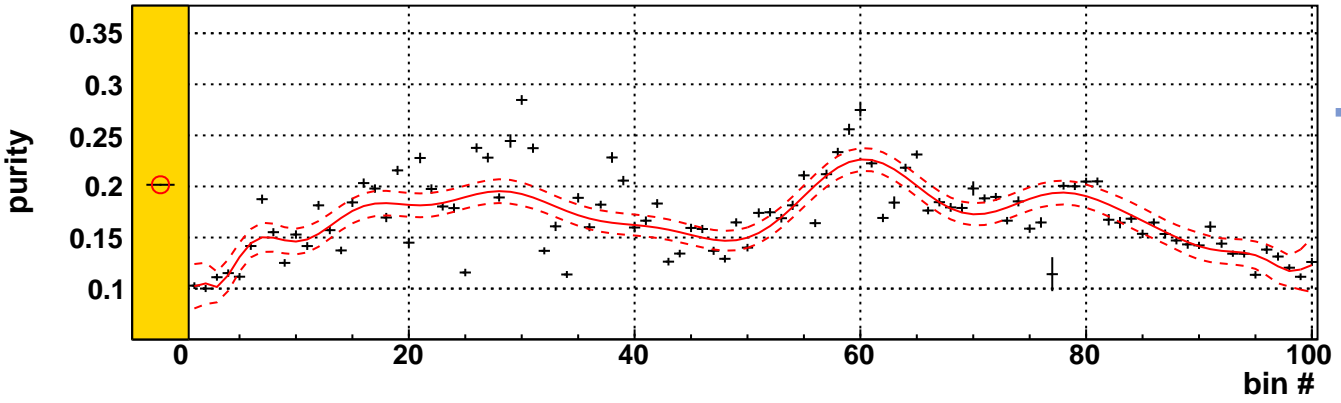


separation

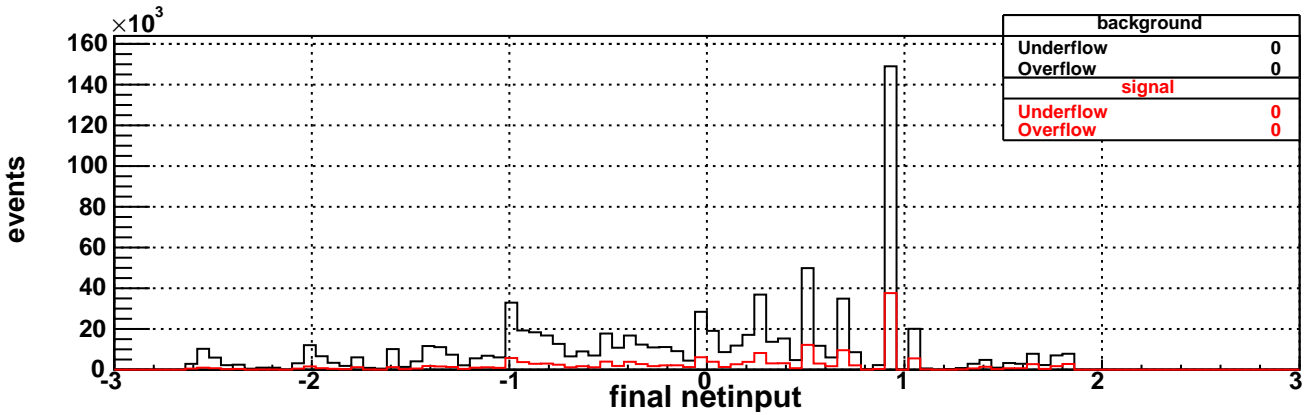




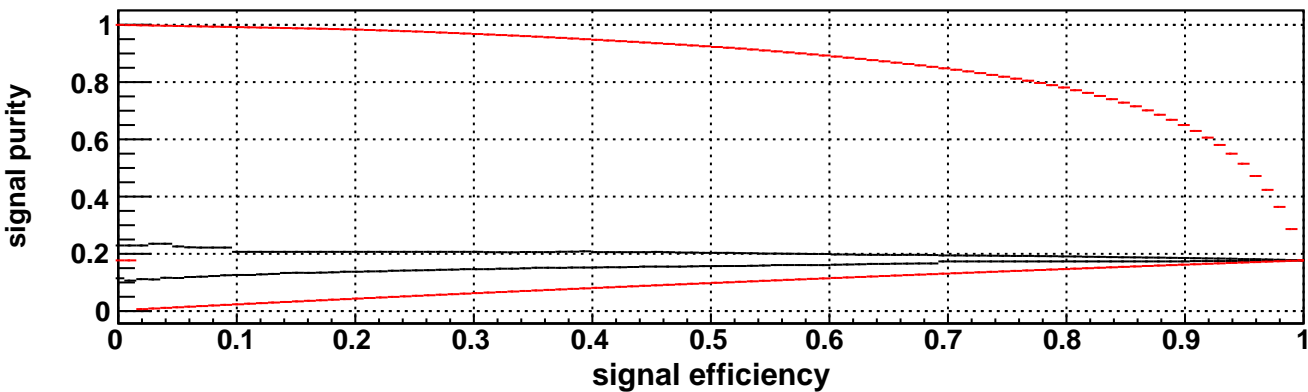
flat



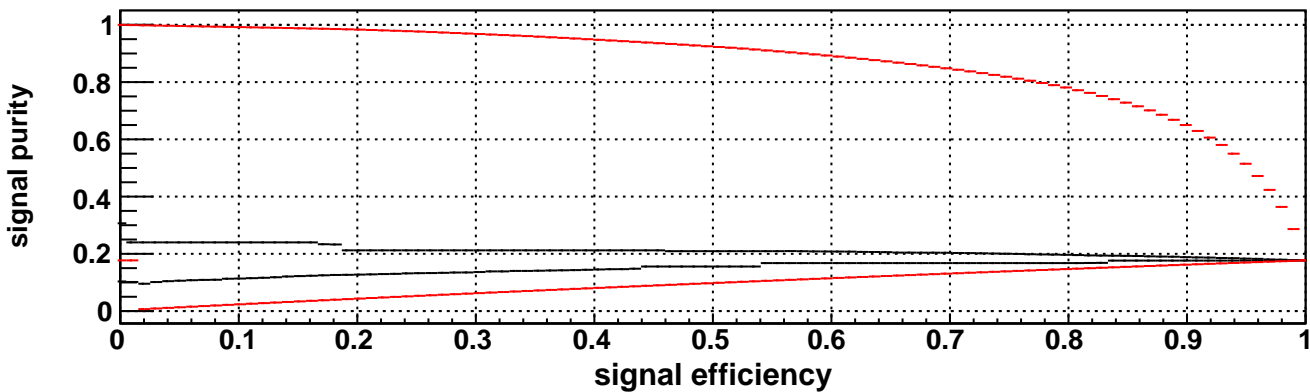
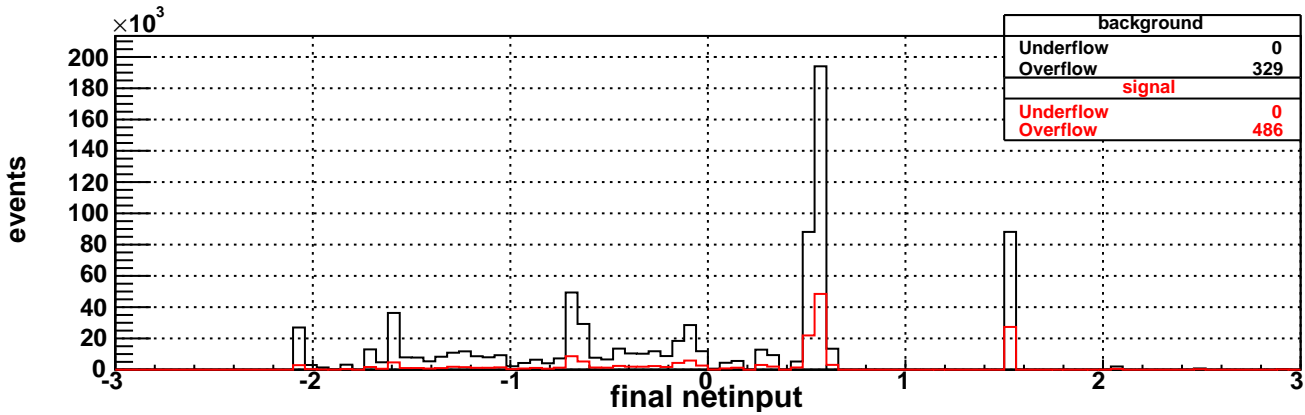
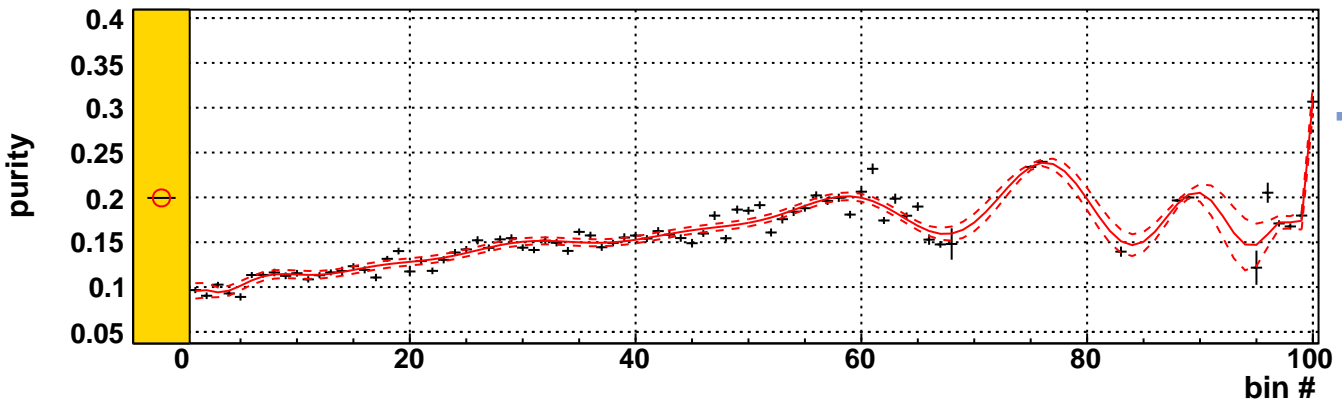
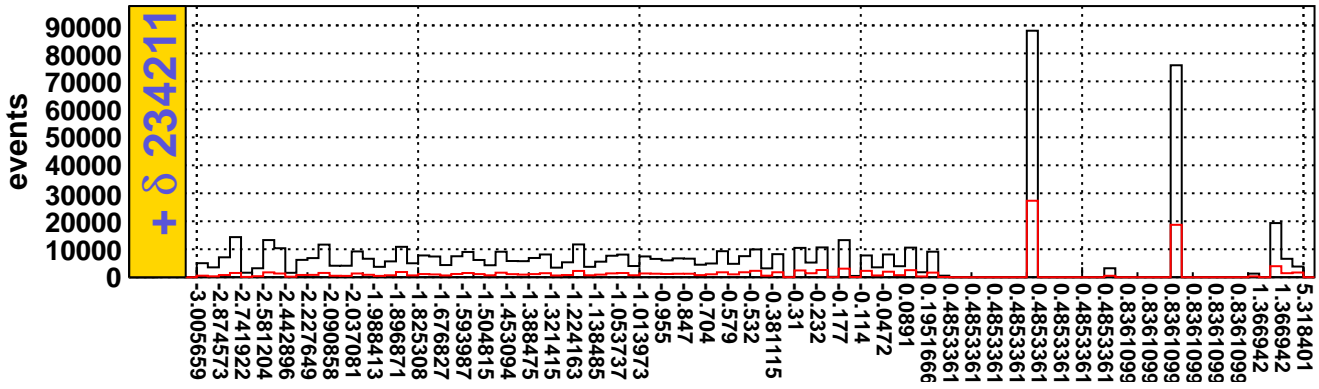
spline fit

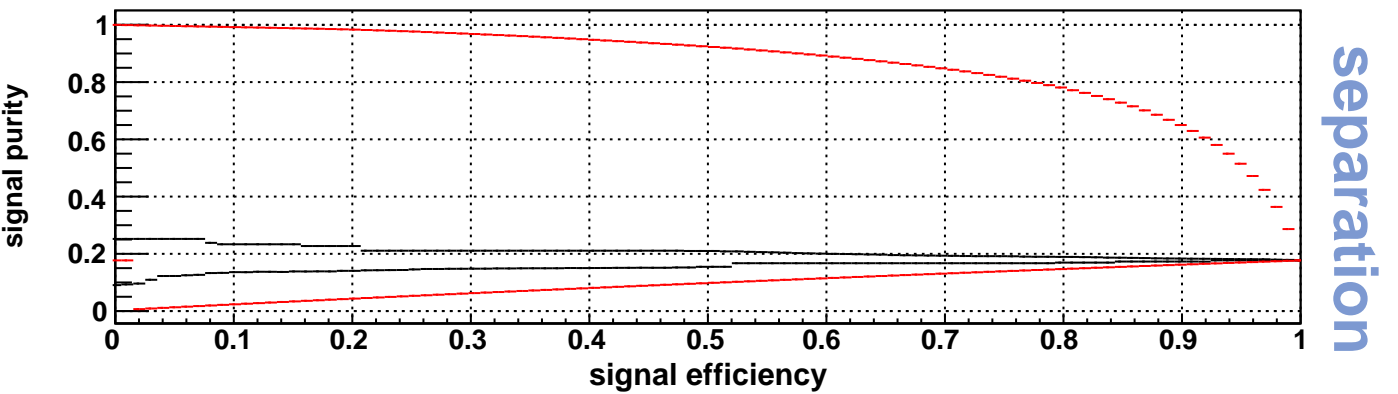
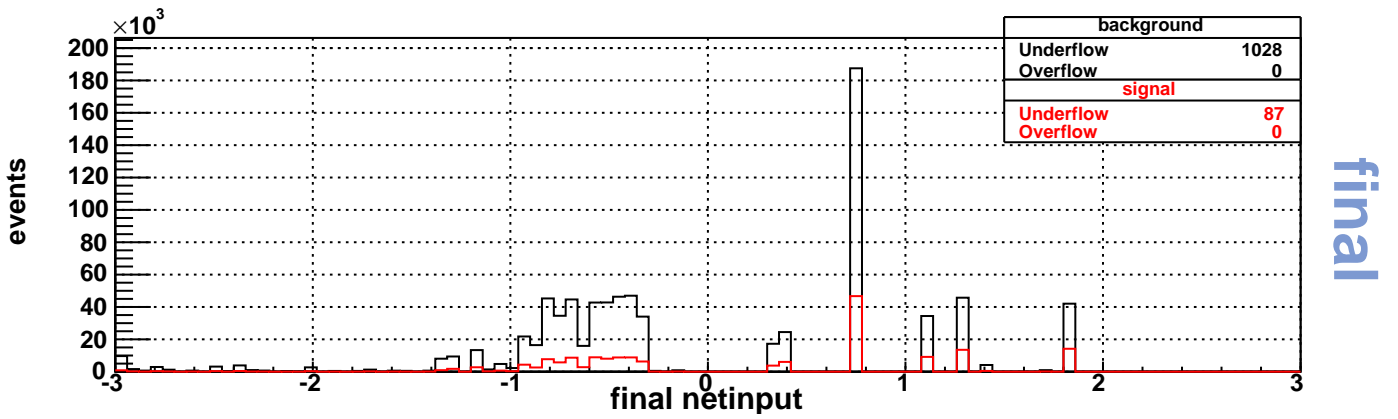
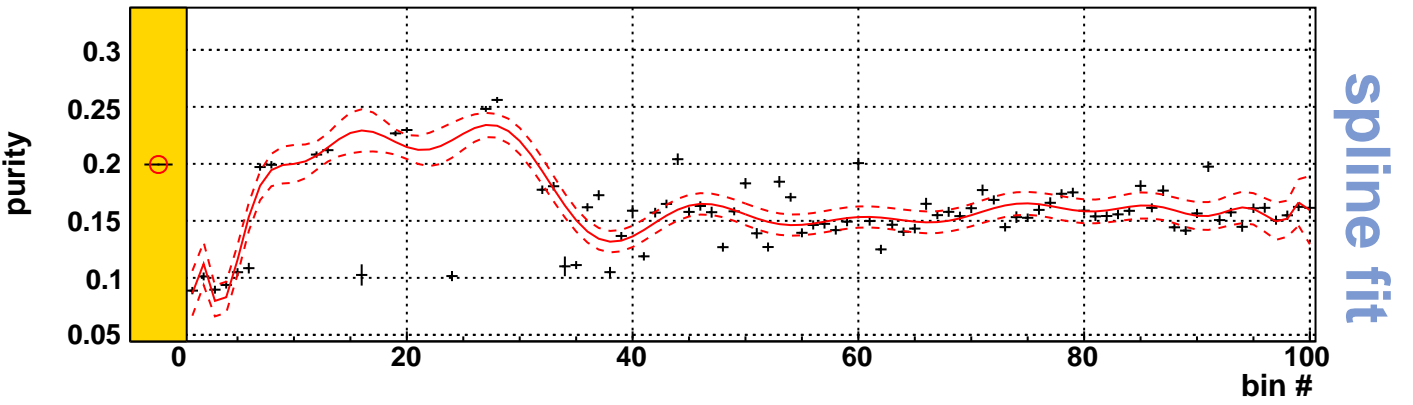
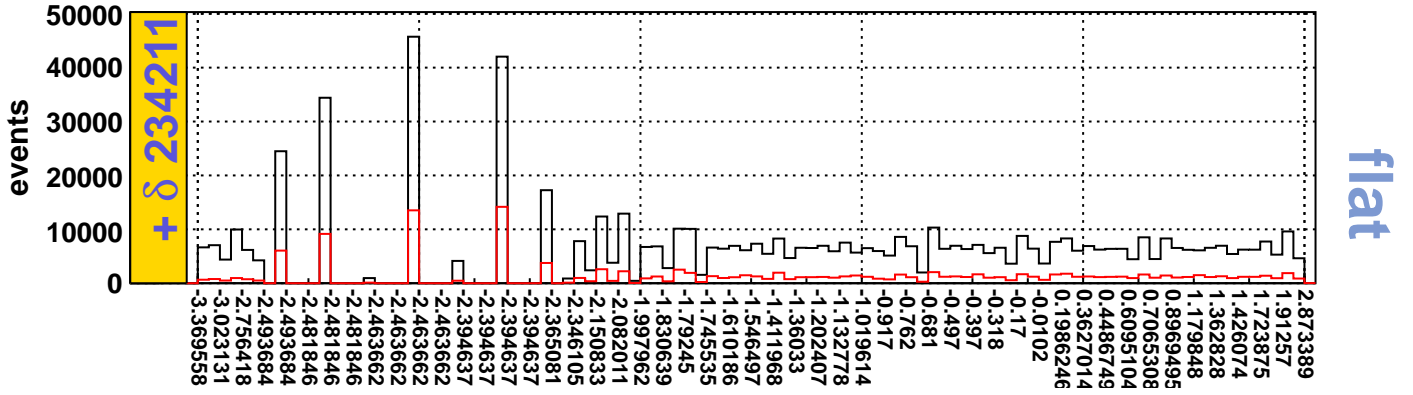


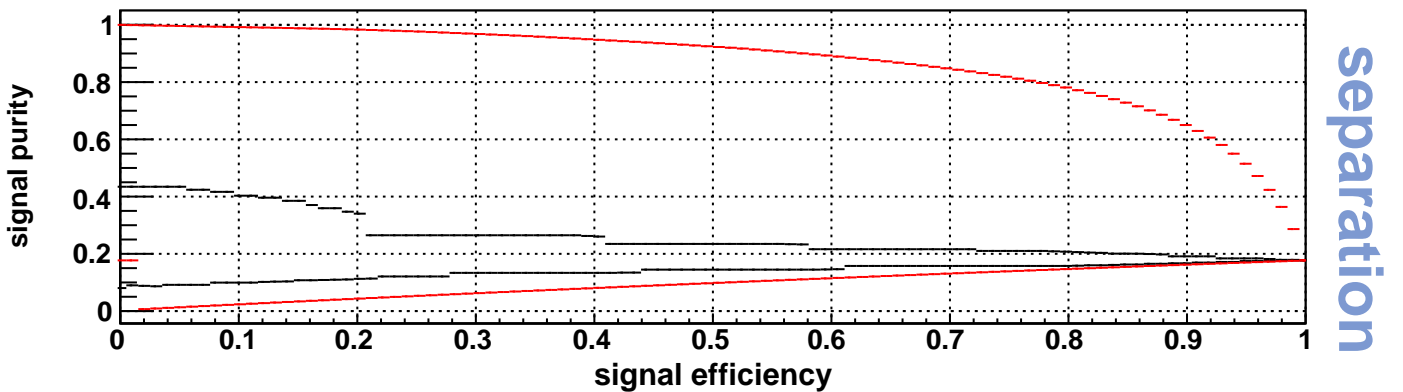
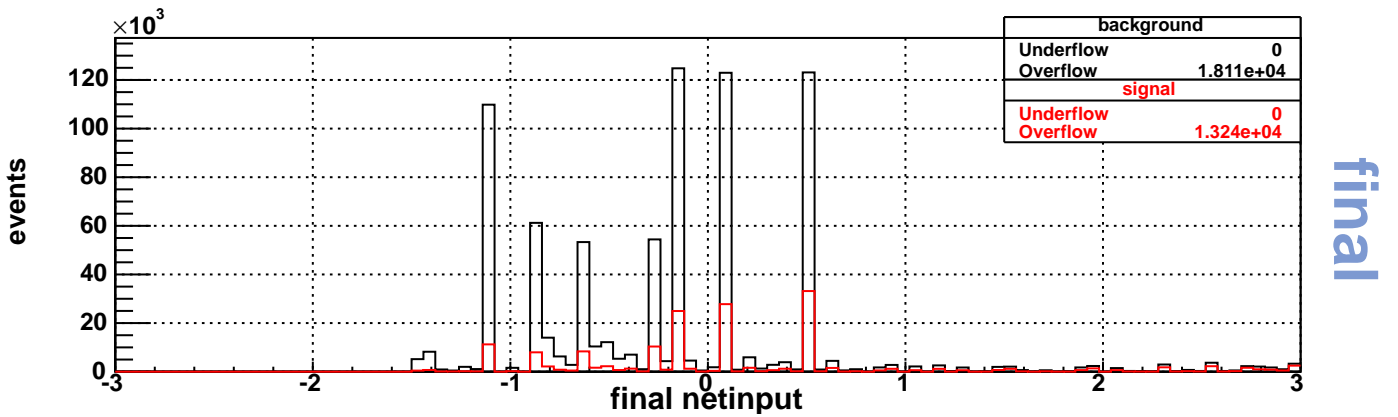
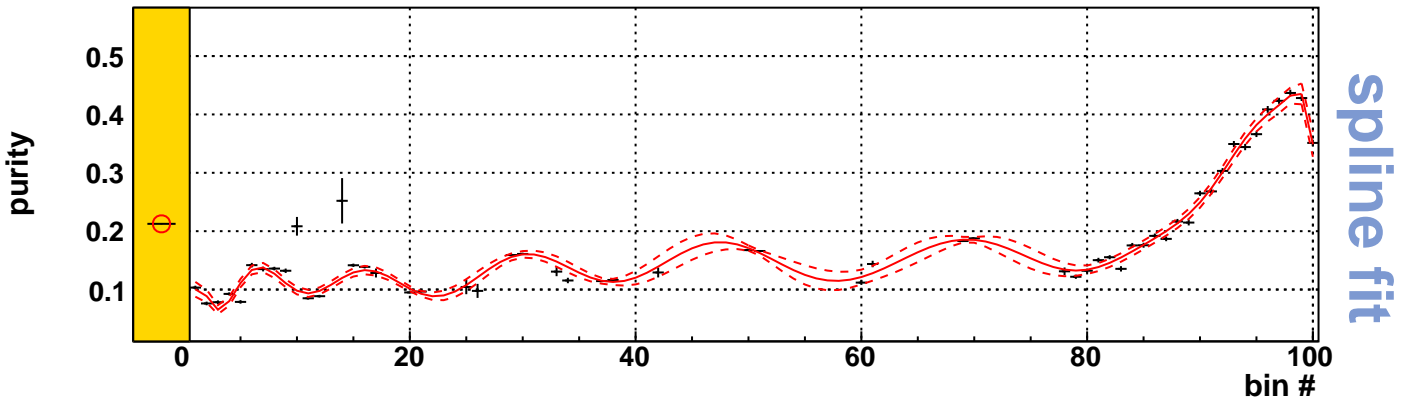
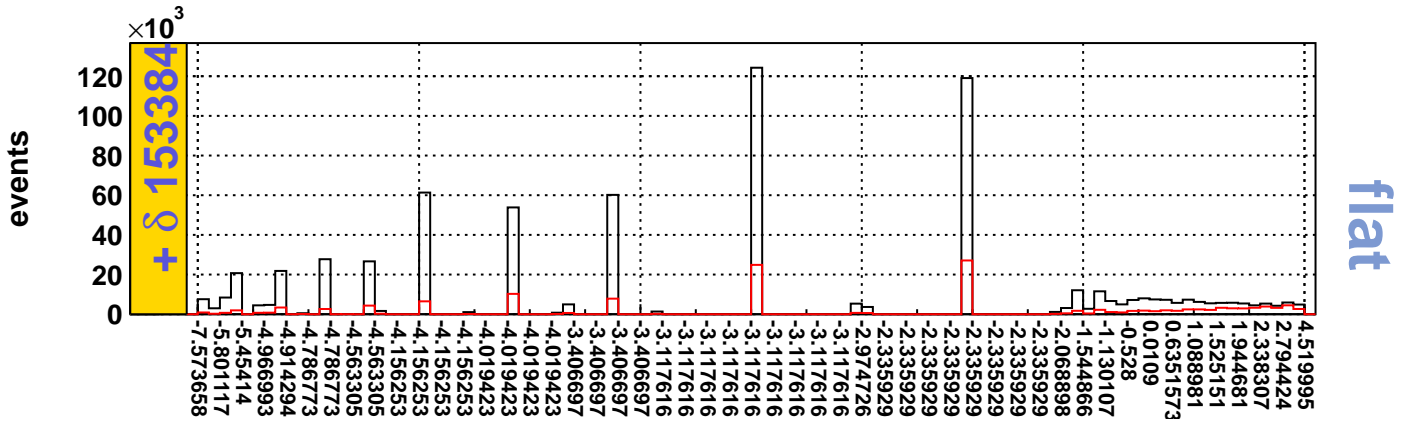
final

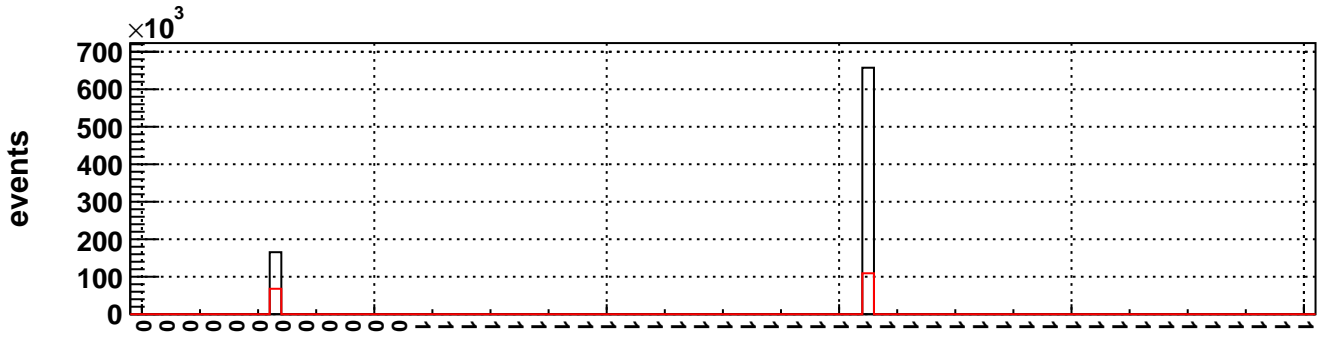


separation

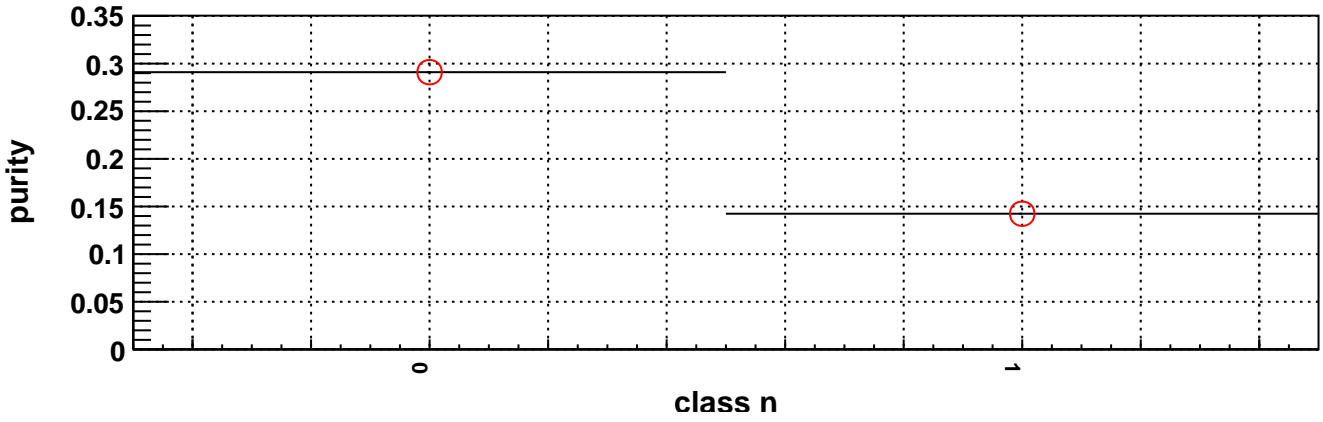




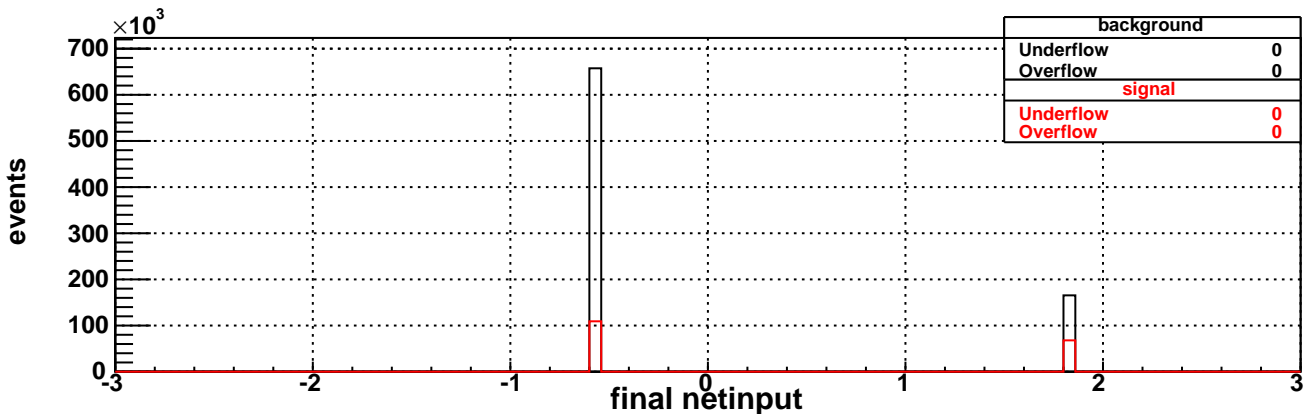




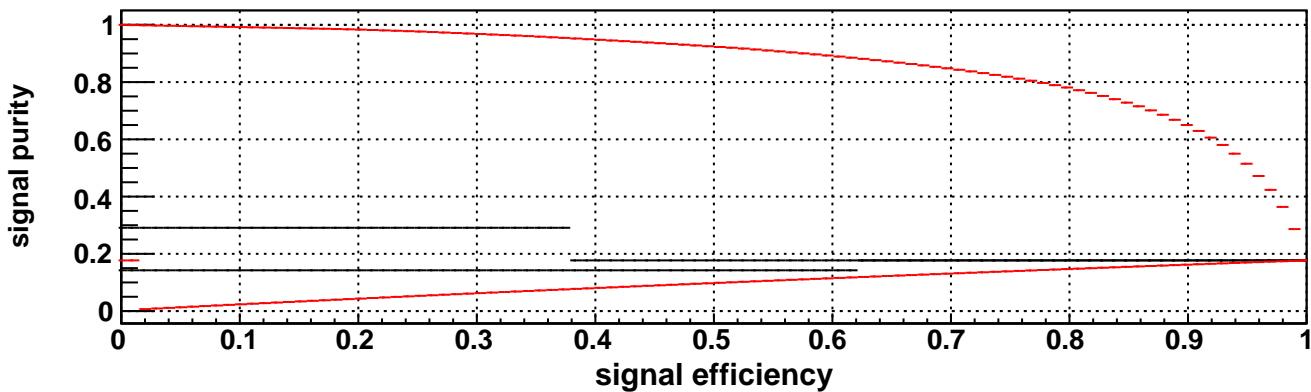
flat



map

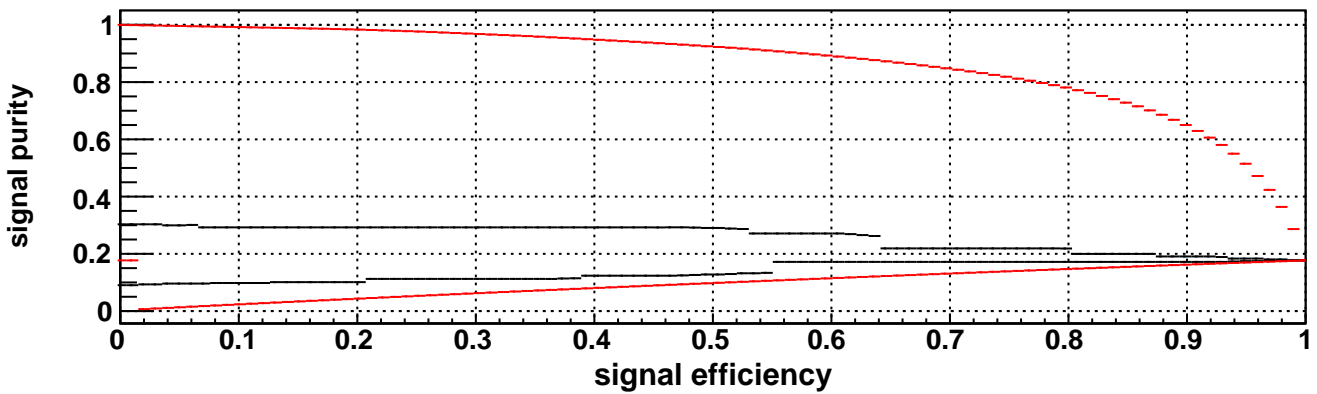
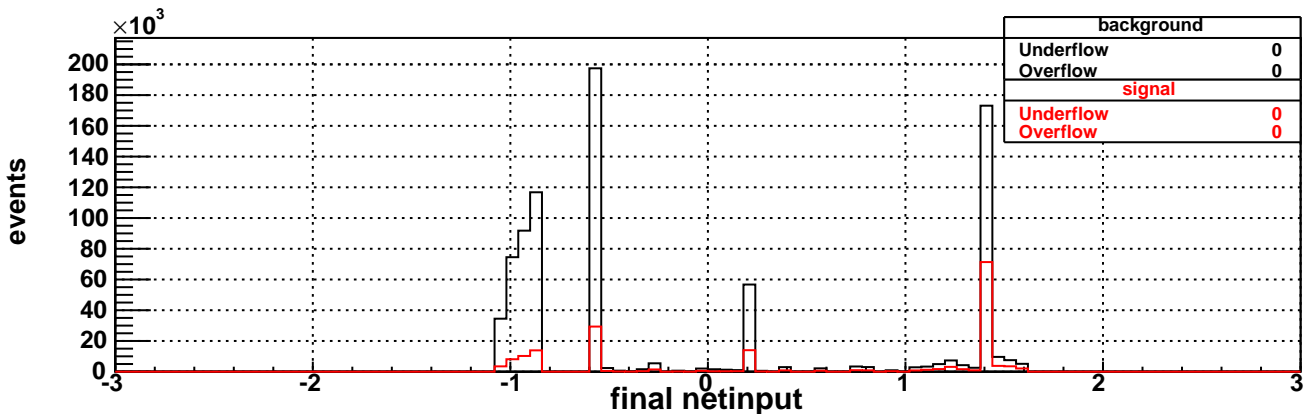
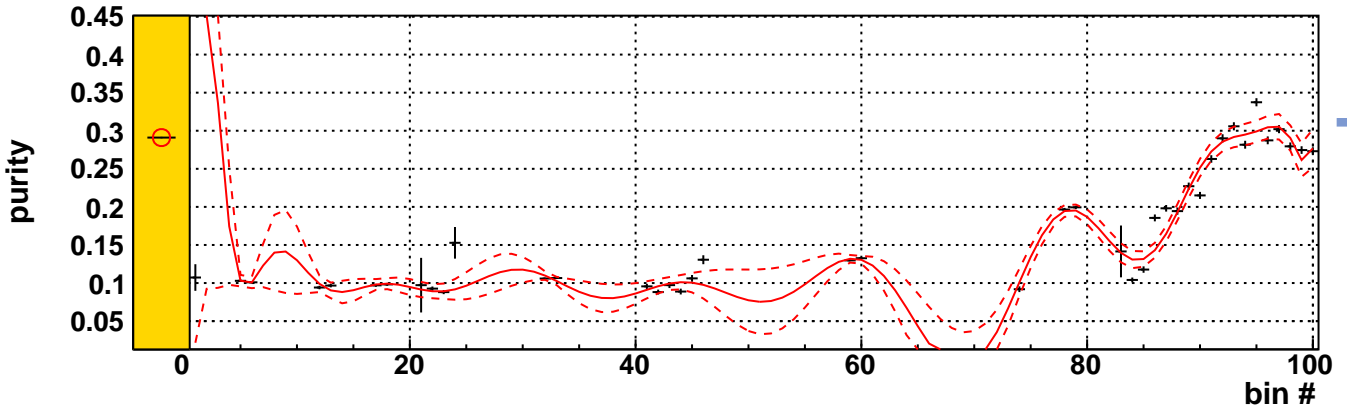
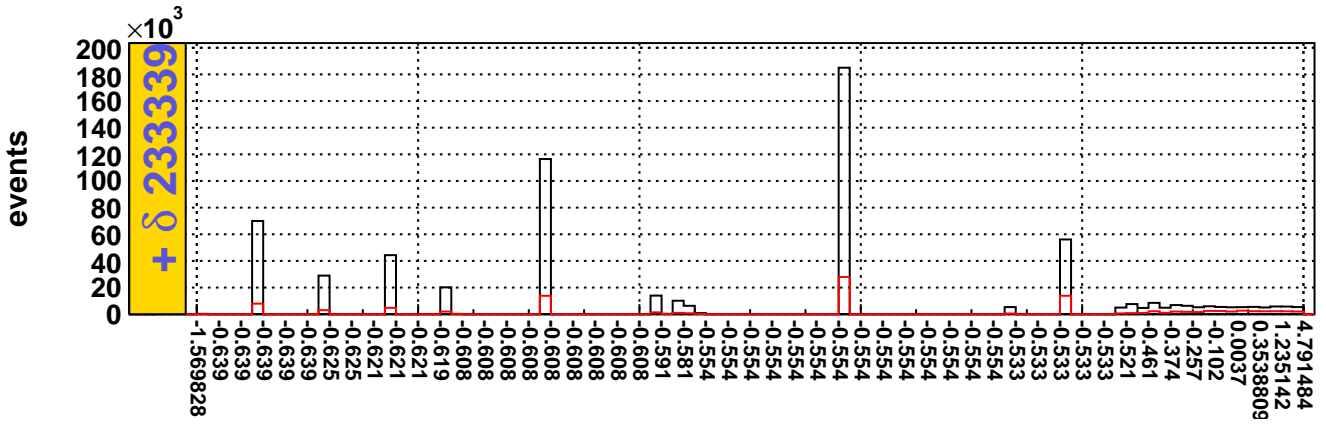


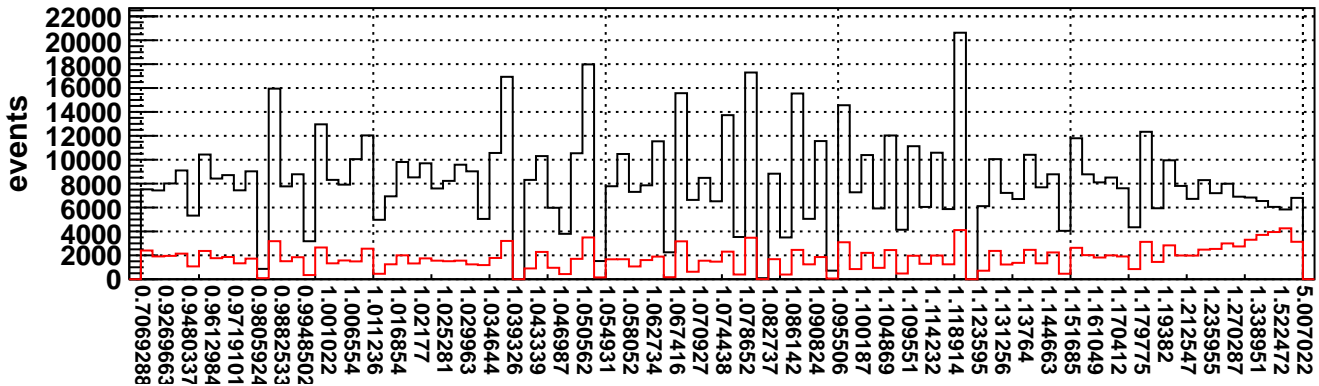
final



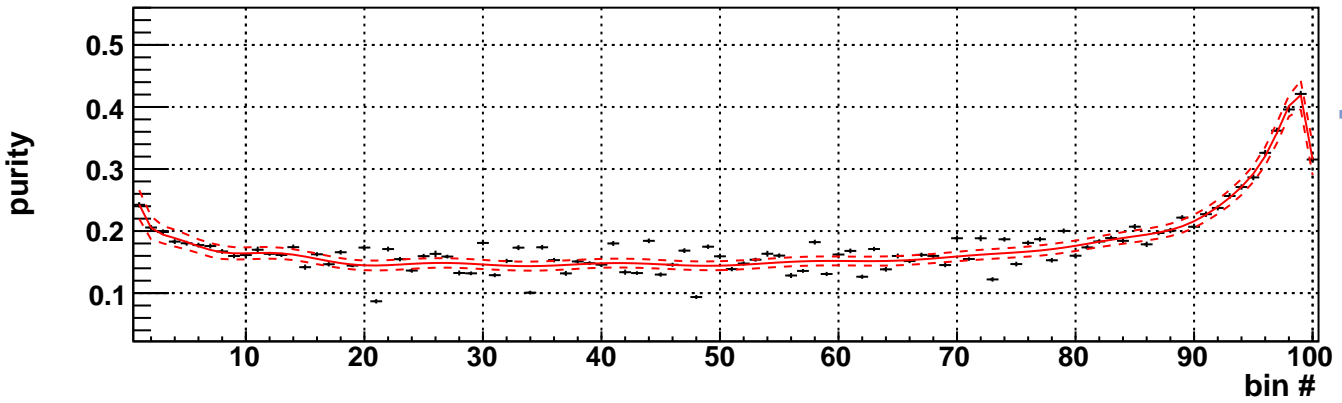
separation



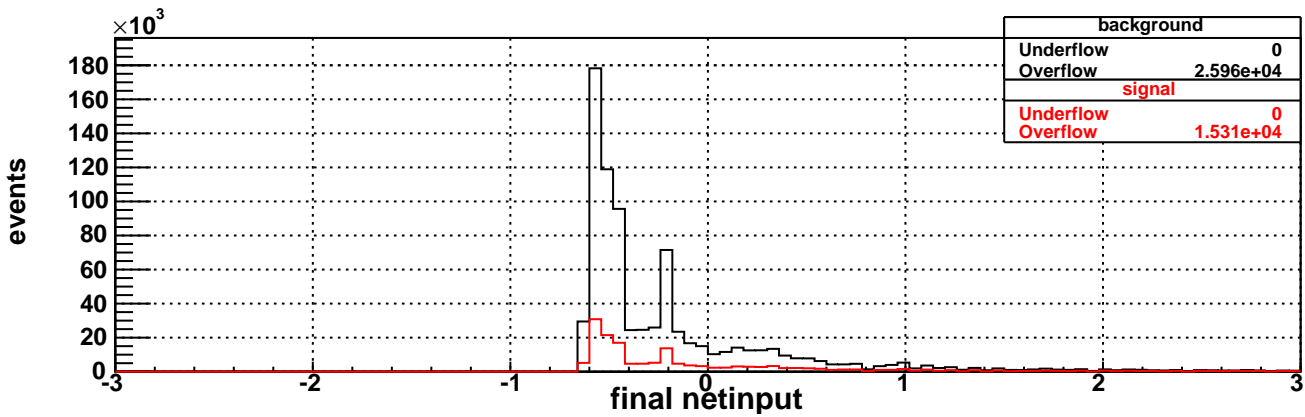




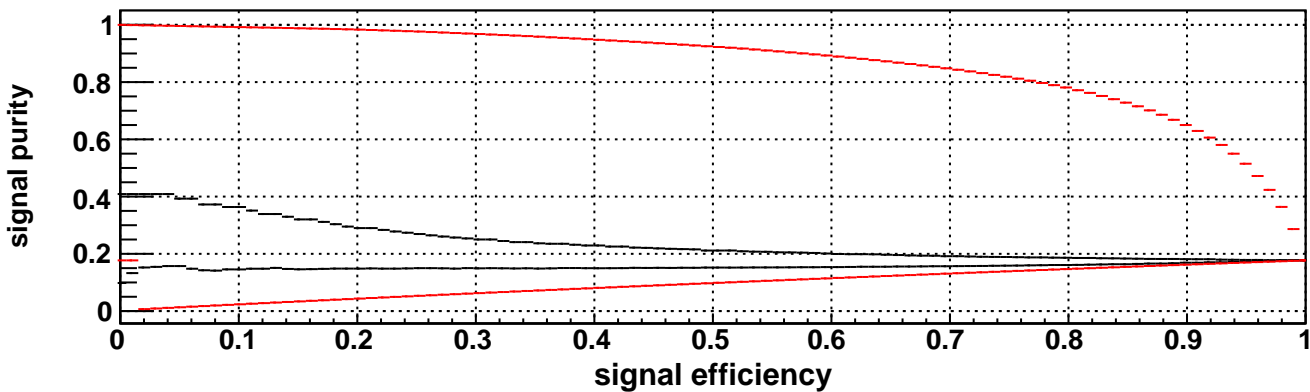
flat



spline fit

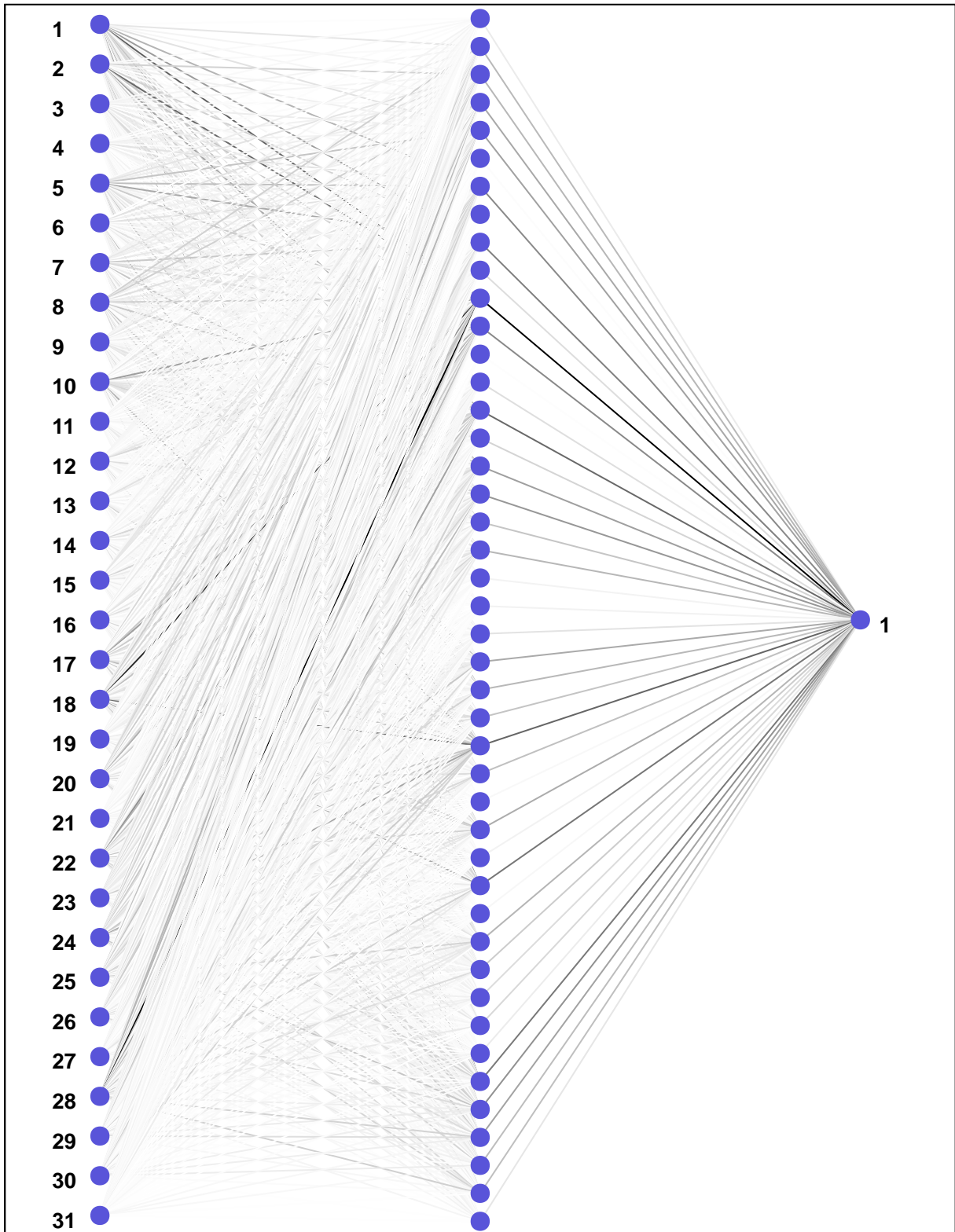


final



separation

# Network at iteration 100



input layer

hidden layer

output layer