TMVA overtraining check for classifier: BDT ŏ Signal (training sample) Signal (test sample) **Background (test sample) Background (training sample)** 1/N) dN Kolmogorov-Smirnov test: signal (background) probability = 0.203 (0.144) 6 5 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 4 3 2 -0.4 -0.3-0.20 0.1 0.2 0.3

BDT response