TMVA overtraining check for classifier: BDT Signal (training sample) Signal (test sample) **Background (test sample) Background (training sample)** 6 1/N) dN Kolmogorov-Smirnov test: signal (background) probability = 0.107 (0.267) 5 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 4 3 2 -0.2-0.4 -0.30.1 0.2 0.3

BDT response