TMVA overtraining check for classifier: BDT ŏ Signal (test sample) Signal (training sample) / Np (N/L) **Background (test sample) Background (training sample)** Kolmogorov-Smirnov test: signal (background) probability = 0.693 (0.26) 6 5 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 4 3 2 0.3 -0.3-0.2-0.1 0.1 0.2

BDT response