TMVA overtraining check for classifier: BDT Signal (training sample) Signal (test sample) / Np (N/L) **Background (test sample)** Background (training sample) Kolmogorov-Smirnov test: signal (background) probability = 0.646 (0.585) 6 5 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 4 3 2 **-0.3** -0.20.1 0.2 0.3

BDT response