TMVA overtraining check for classifier: BDTG (1/N) dN / dx Signal (test sample) Signal (training sample) 16 Background (test sample) Background (training sample) Kolmogorov-Smirnov test: signal (background) probability = 0.008 (0.447) 14 **12** J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 10 8 6 4 2 -0.6 -0.2 0.2 0.6 8.0 -0.8 -0.4 0.4 0 **BDTG** response