TMVA overtraining check for classifier: BDTG 2.2 Signal (test sample) Signal (training sample) /Np (N/L) **Background (test sample) Background** (training sample) 1.8 *Kolmogorov-Smirnov test: signal (background) probability = 0.008 (0.047) 1.6 1.4 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)%1.2 8.0 0.6 0.4 0.2 0.2 8.0 -0.6 -0.4-0.2 0.4 0.6 0 **BDTG** response