TMVA overtraining check for classifier: BDTA 40 Signal (test sample) Signal (training sample) (1/N) dN/ **Background (test sample) Background (training sample)** 35 Kolmogorov-Smirnov test: signal (background) probability = 0.433 (0.15) **30** 25 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% **20** 15 10 5 0.2 0.3 0.5 0.4 0.6 0.7 0.1 **BDTA** response