TMVA overtraining check for classifier: BDT2 Signal (test sample) Signal (training sample) 3.5 **Background (test sample) Background (training sample)** Kolmogorov-Smirnov test: signal (background) probability = 0.077 (0.756) 3 2.5 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 2 1.5 0.5 -0.2 0.2 0.6 -0.40.4

(1/N) dN / dx

BDT2 response