TMVA overtraining check for classifier: BDTA 24 (1/N) dN / dx Signal (test sample) Signal (training sample) **22 Background (test sample) Background (training sample) 20** \overline{K} olmogorov-Smirnov test: signal (background) probability = 0.364 (0.174) 18 16 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 14 **12** 10 8 6 4 2 0.2 0.3 0.5 0.6 0.1 0.4 8.0 0.7 **BDTA** response