## TMVA overtraining check for classifier: BDT1 Signal (test sample) Signal (training sample) 1.8 **Background (test sample) Background (training sample)** 1.6 Kolmogorov-Smirnov test: signal (background) probability = 0.327 (0.011) 1.4 1.2 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 8.0 0.6 0.4 0.2

0

0.2

0.4

(1/N) dN / dx

0.6

## **BDT1 response**

0.6