**Background rejection versus Signal efficiency Background rejection** 0.9 8.0 0.7 0.6 **MVA Method:** 0.5 **BDTgradMIT** 0.4 **BDTadaMIT** LikelihoodMIT 0.3 LikelihoodDMIT 0.2 0.1 0.5 0.6 0.7 8.0 0.9 0.2 0.3 0.4 Signal efficiency