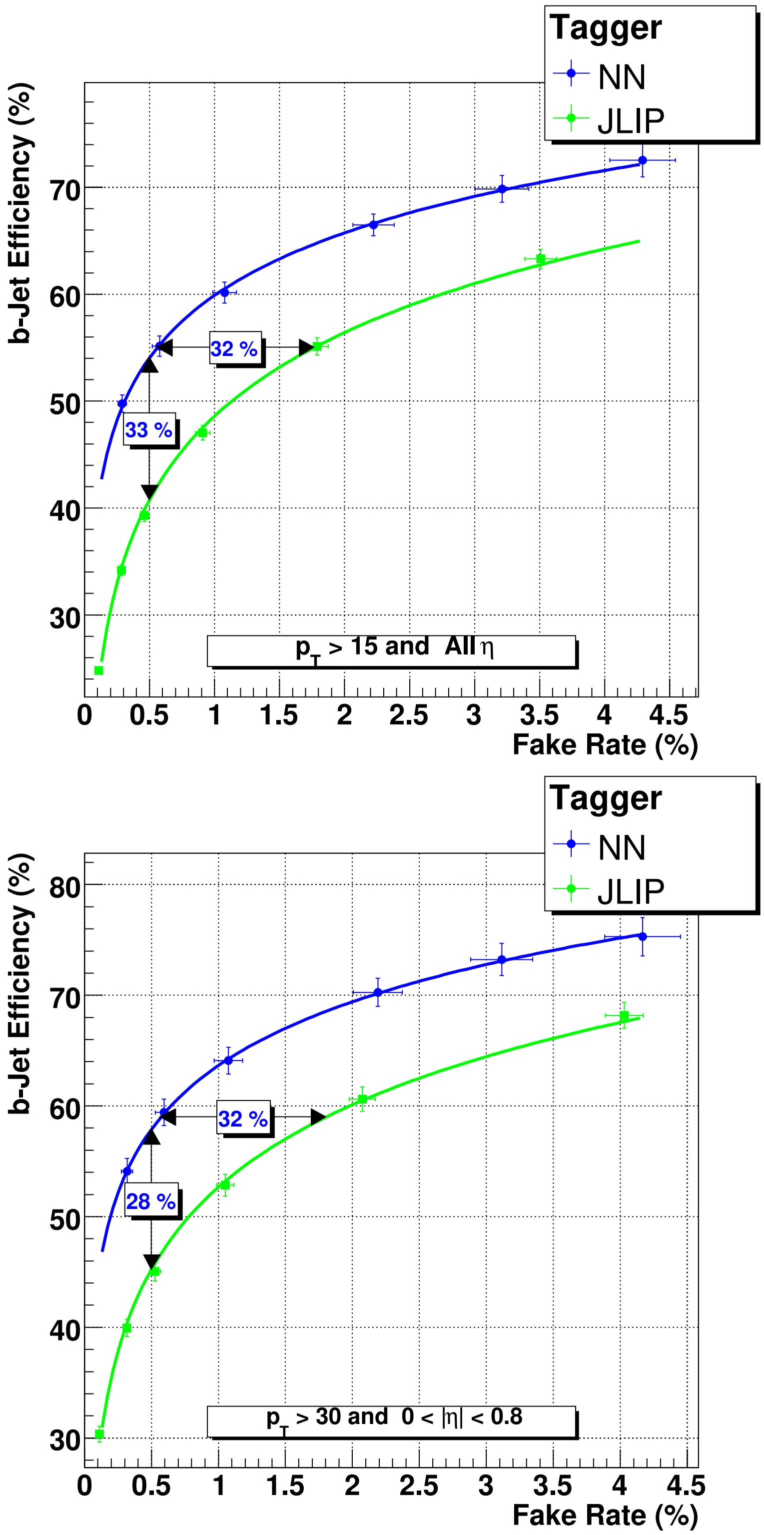

Figure 34: Performance profile of NN and JLIP taggers on the BID and COMB skim. The top plot is for all jets and the bottom plot for jets with $\eta < 0.8$ and $p_T > 30$ GeV. The error on the plots represents the total uncertainty, statistical and systematic, on the performance measurements. The NN tagger demonstrates large performance gains over the JLIP tagger, with increases in efficiency of up to 50% for a fixed fake rate. Fake rates are typically reduced to between a quarter and a third of their value for a fixed signal efficiency.