



Figure 1: Ratio to the usual 5-flavour PDFs (with 90% C.L. experimental uncertainty band) of the gluon distribution (upper plots) and light quark singlet distribution (lower plots) versus Q^2 for $x = 0.01$ (left plots) and versus x for $Q = 100 \text{ GeV}$ (right plots). We show the usual 4-flavour PDFs (evolved with 4-flavour α_S) and also a new variant evolved with 5-flavour α_S . The latter is provided as the grid file `mstw2008nlo_nf4as5.00.dat` for use with the standalone code or `MSTW2008nlo_nf4as5.LHgrid` for use with the LHAPDF interface [G. Watt, 22/07/2013].