

4FNS CHARM PDF CONSTRAINED BY EXPERIMENTAL DATA FOR $Q > Q_0$

- NNPDF4.0 dataset
- NNLO QCD calculations

QCD evolution

4FNS CHARM PDF PARAMETRISED AT Q_0

- Deep-learning parametrisation
- Monte Carlo representation of uncertainties

QCD evolution

4FNS TO 3FNS TRANSFORMATION
NNLO or N³LO matching conditions

INTRINSIC (3FNS) CHARM

- Scale-independent
- PDF and MHO uncertainties