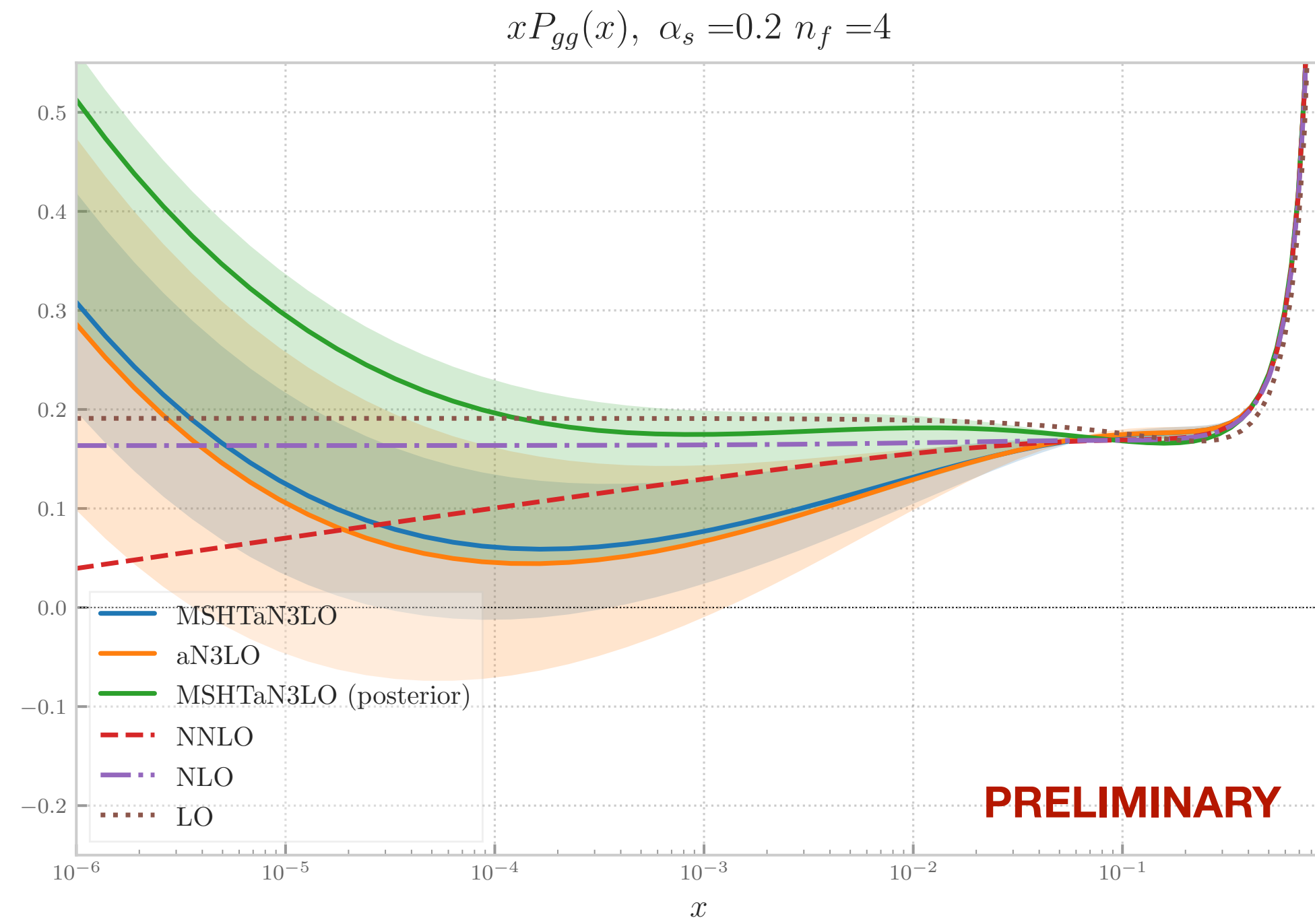
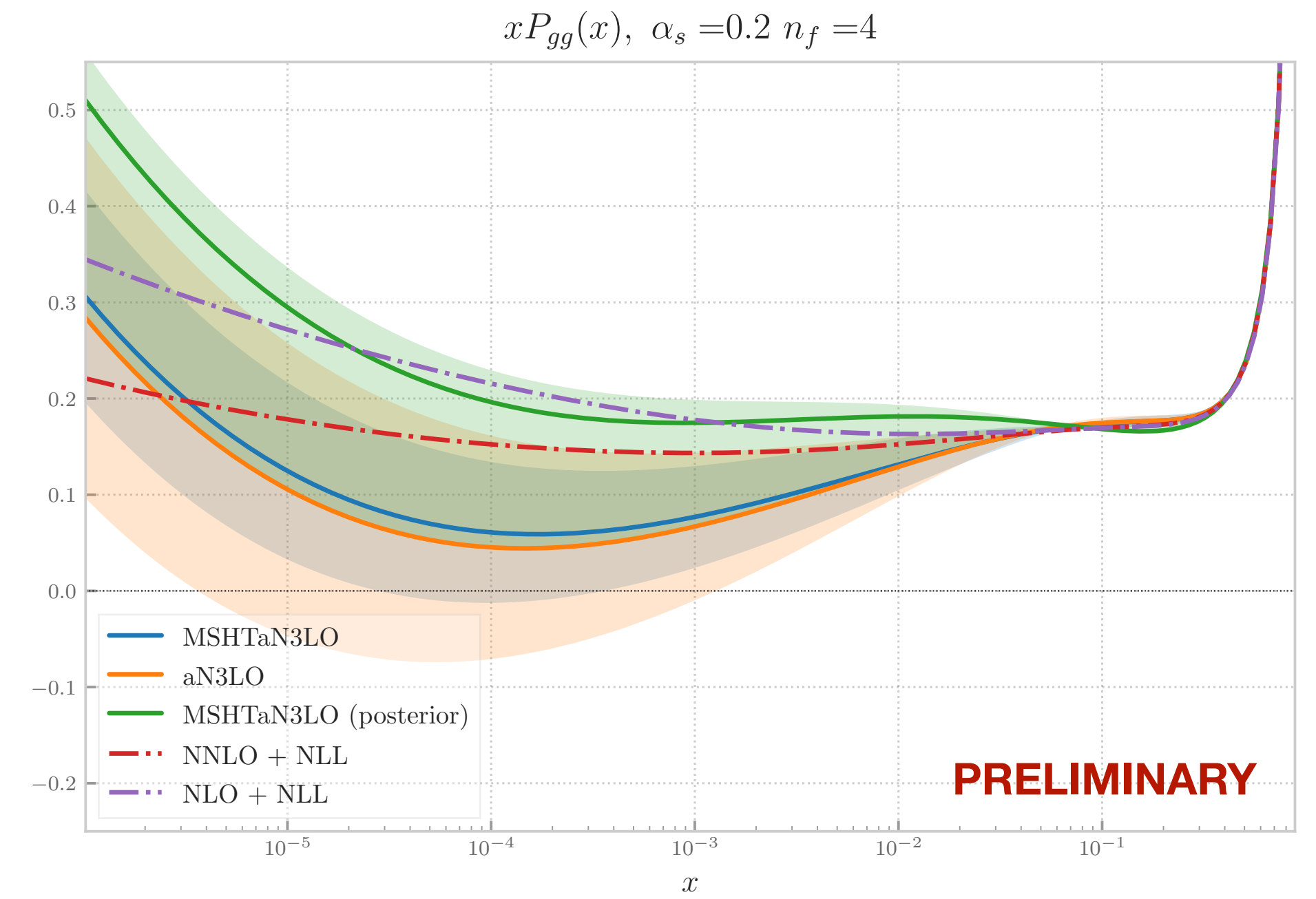


aN3LO P_{gg} comparison

Fixed order



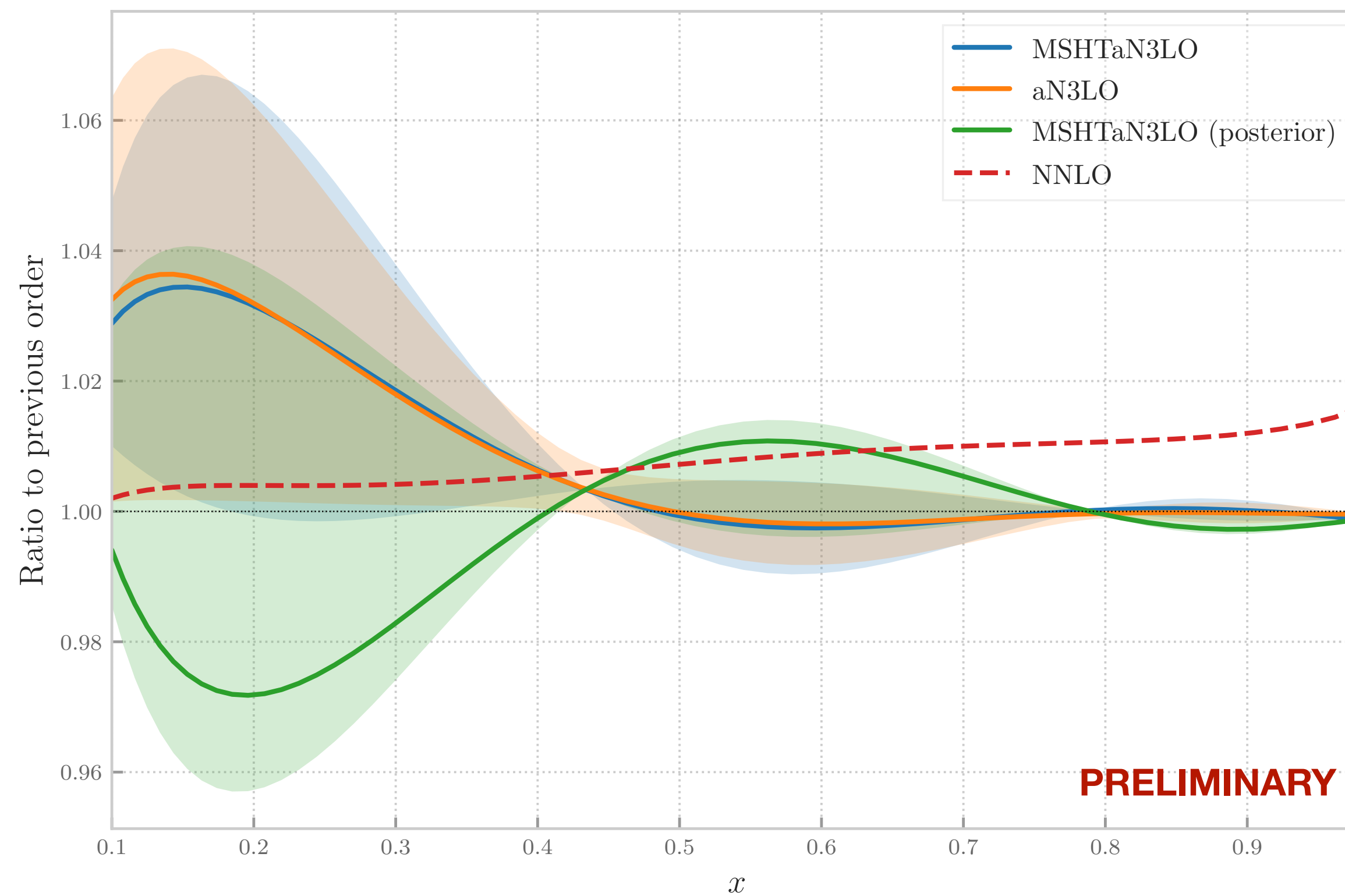
Small-x resummation



aN3LO P_{gg} comparison

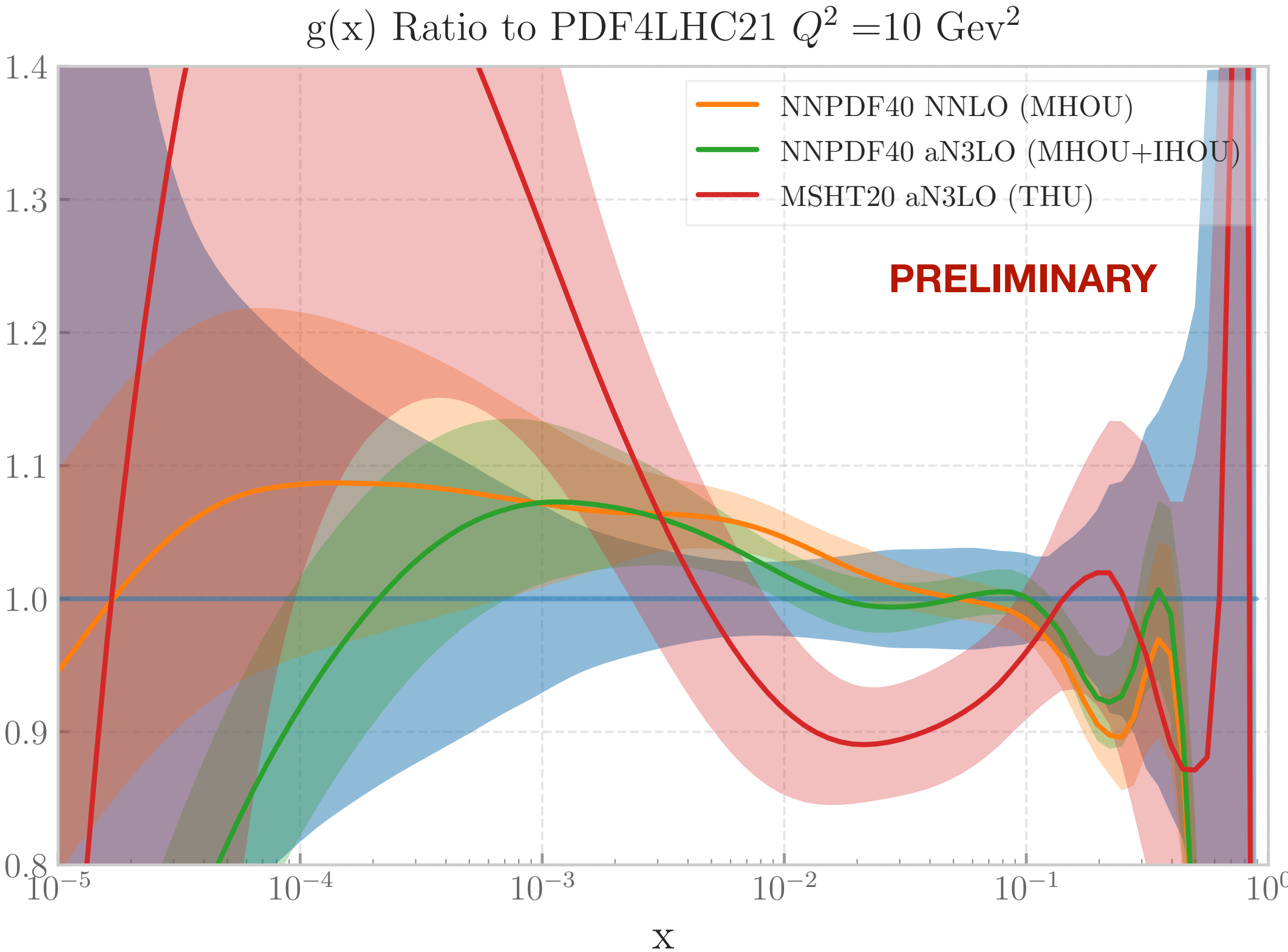
Large-x region

$$xP_{gg}(x), \alpha_s = 0.2 \quad n_f = 4$$

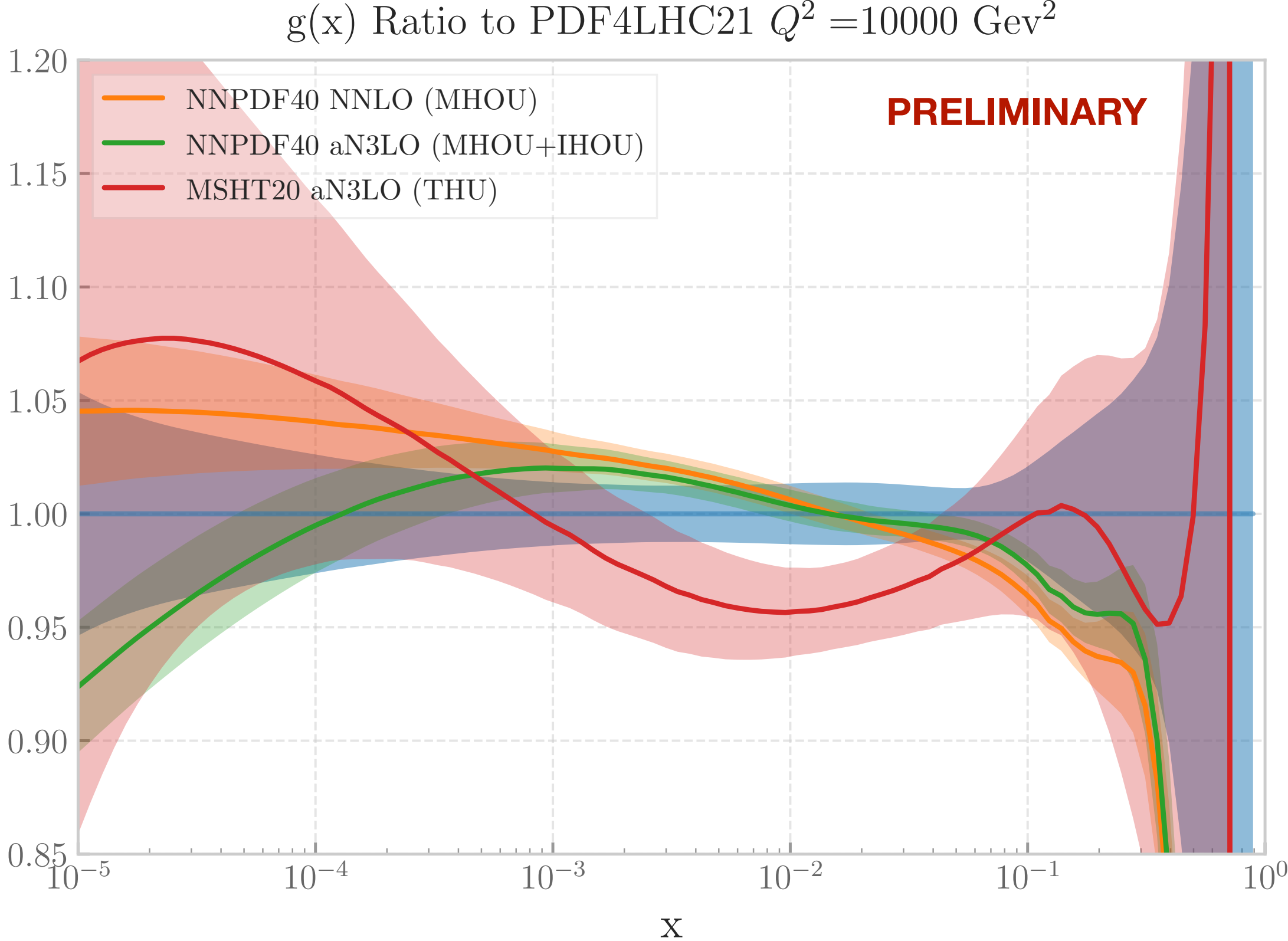


Impact on DGLAP evolution

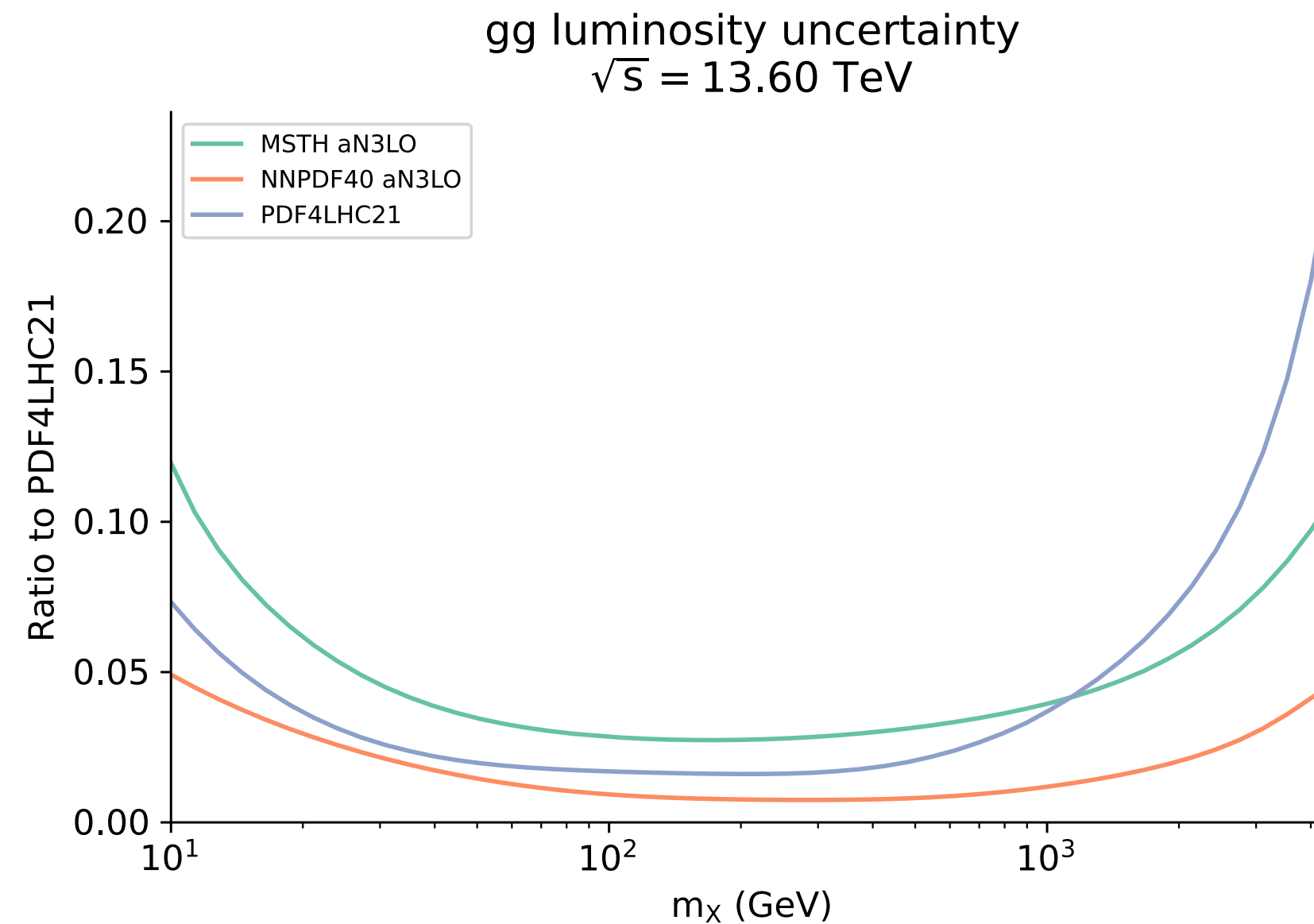
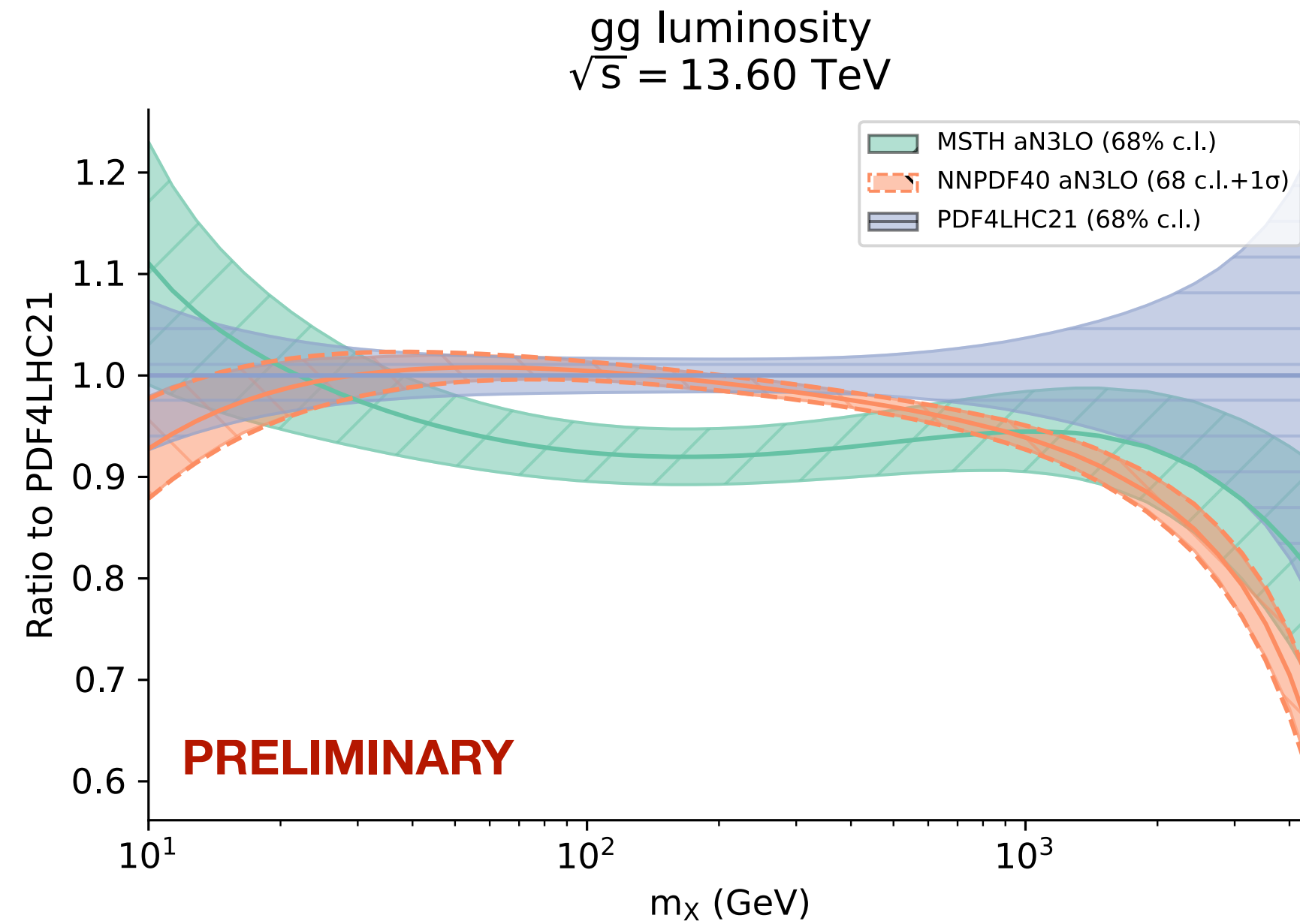
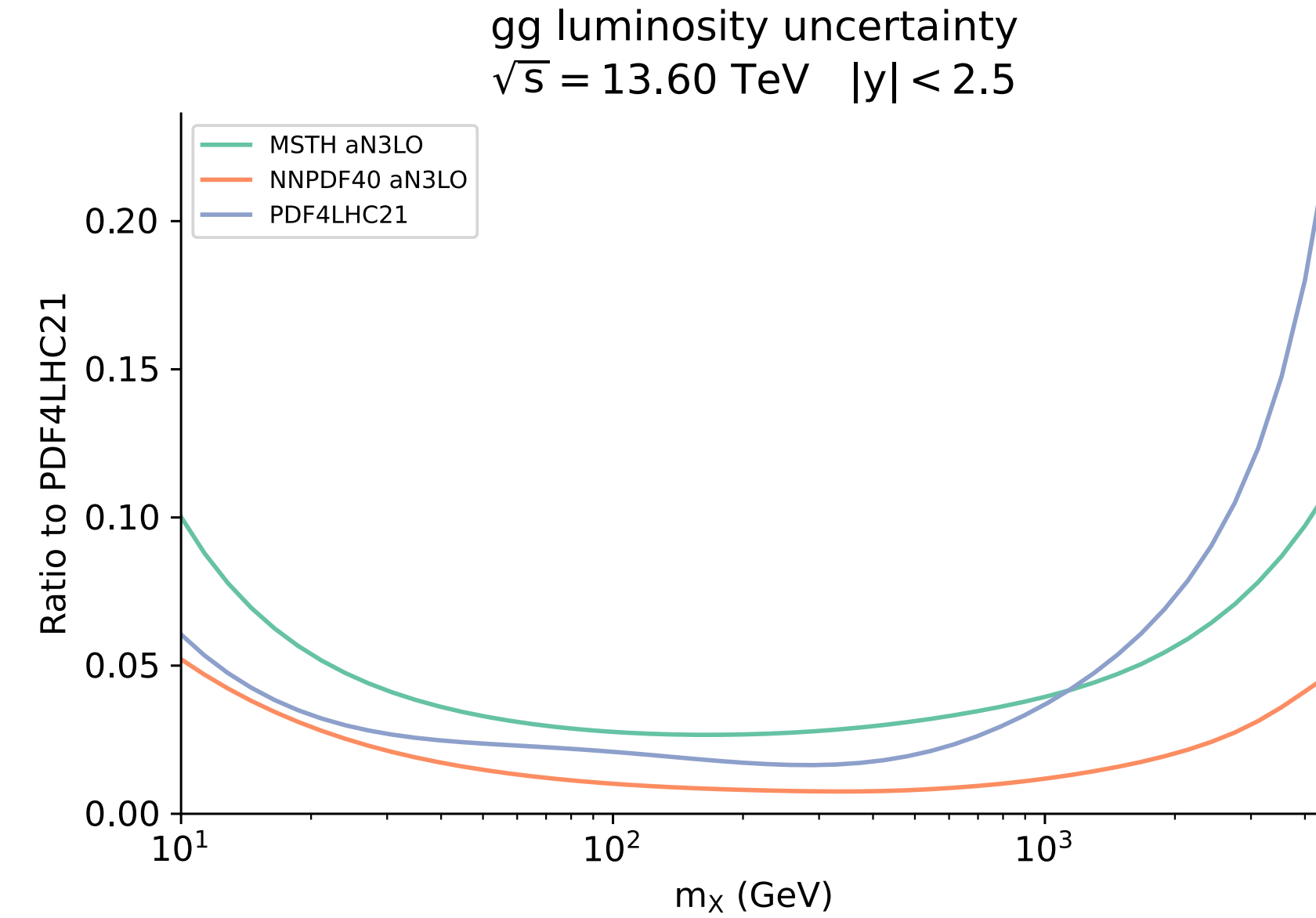
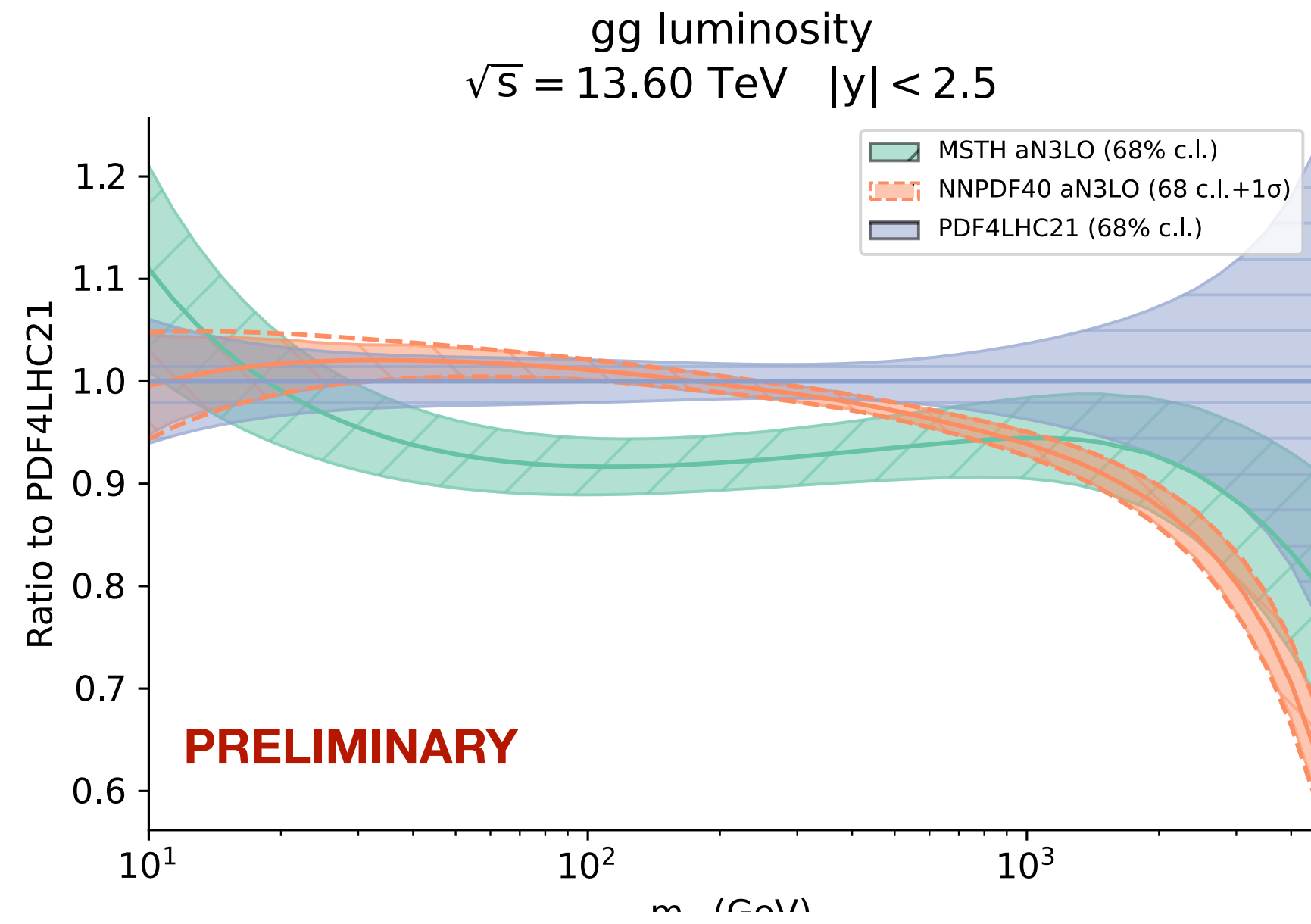
Low Q



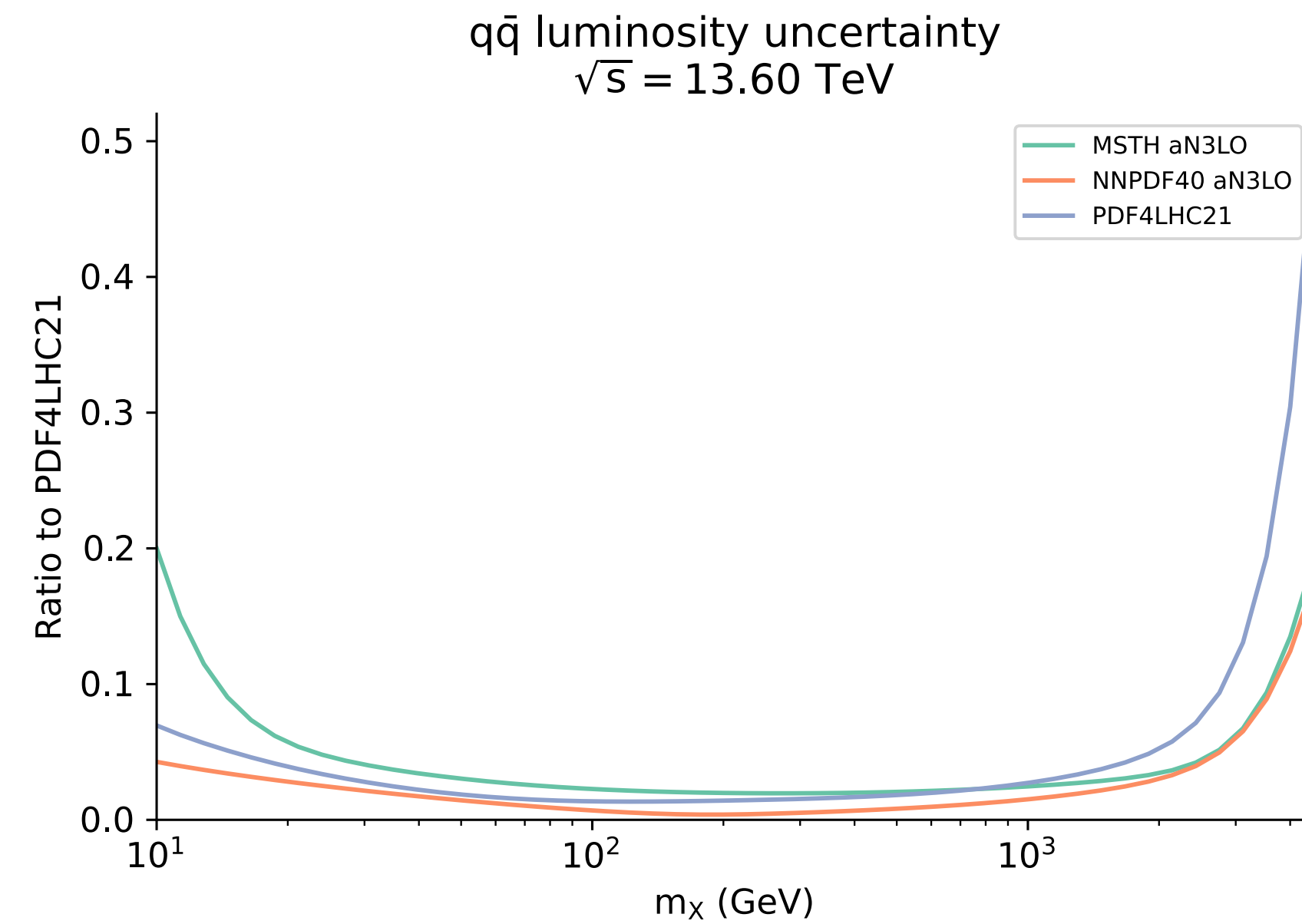
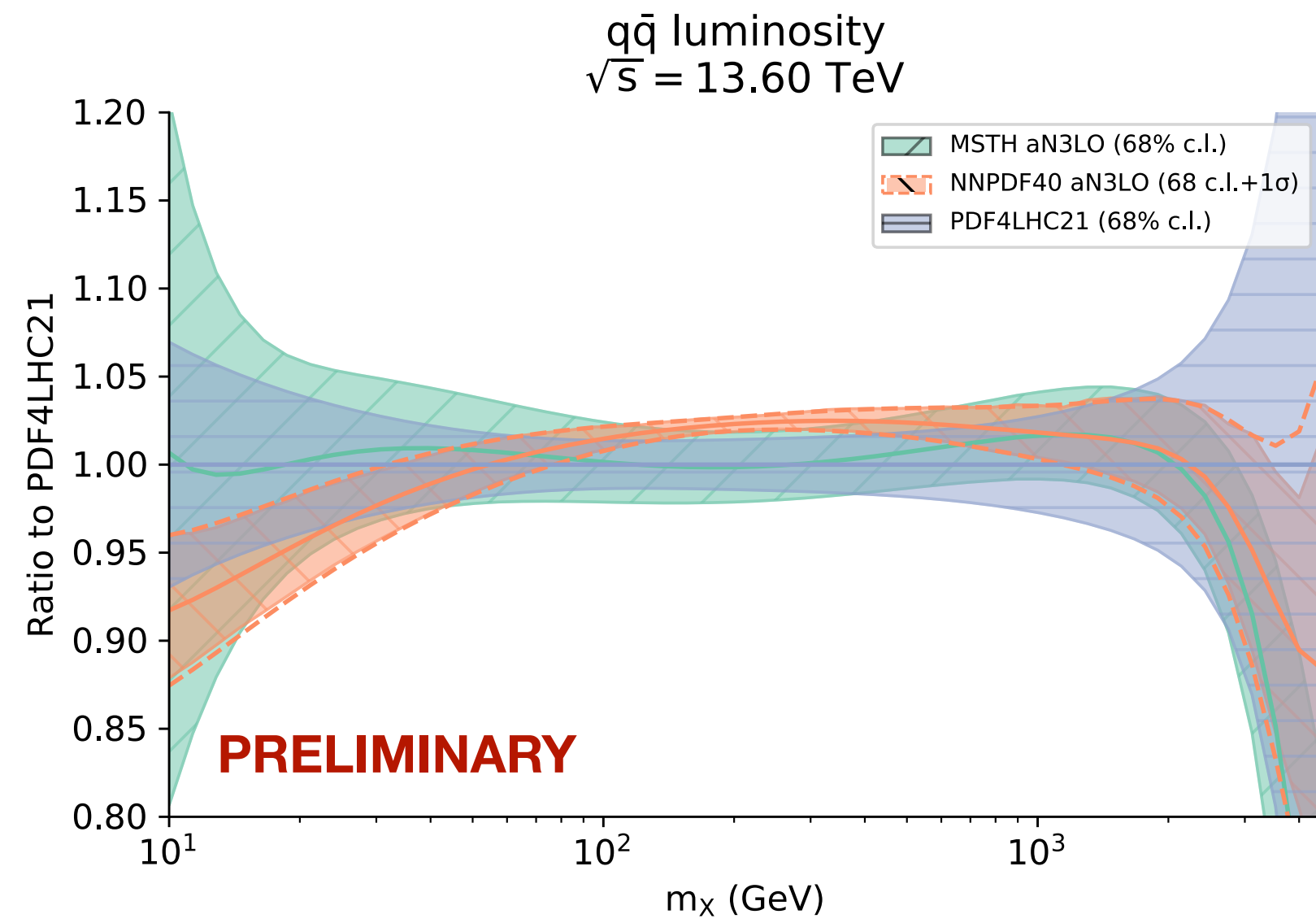
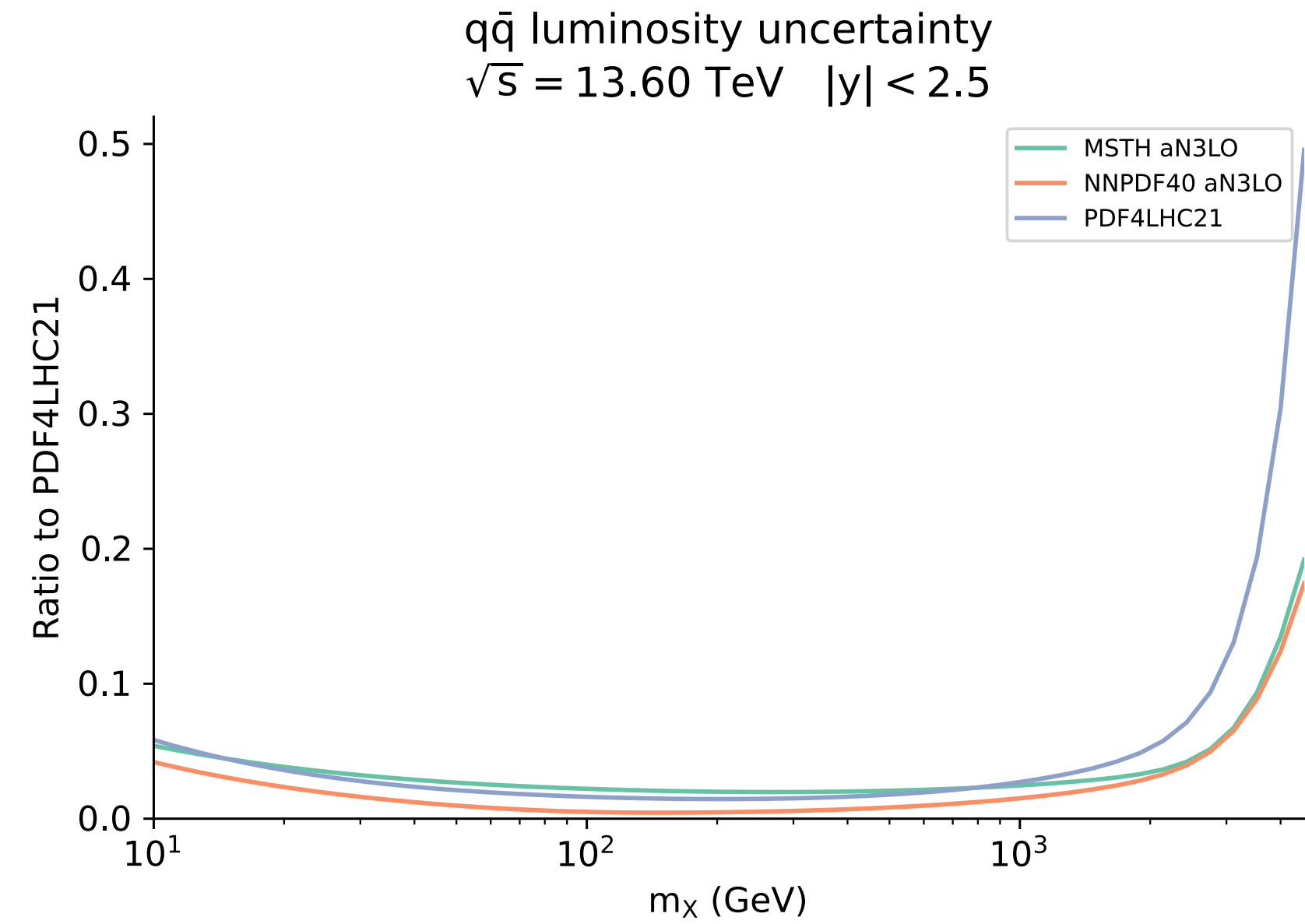
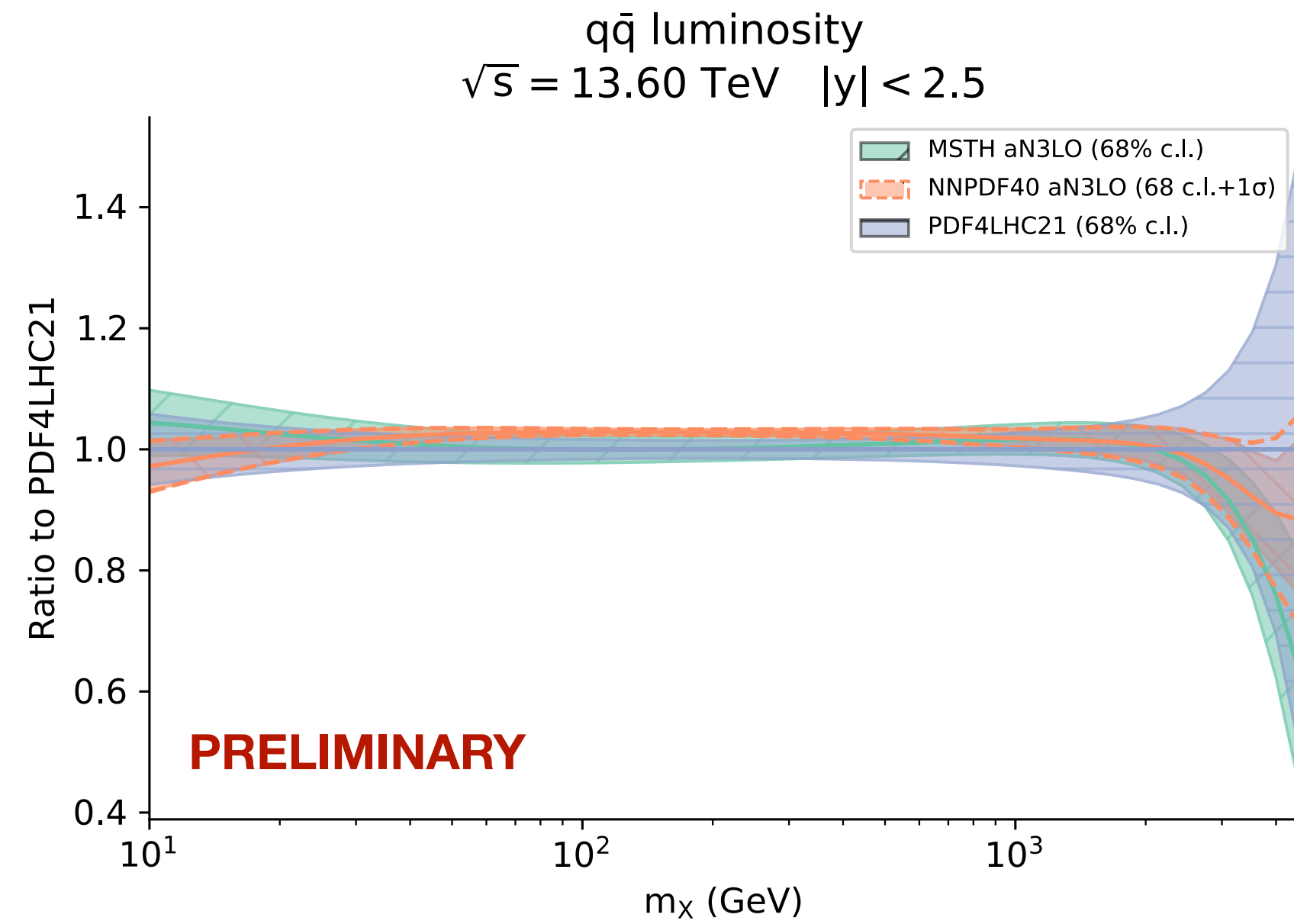
High Q



Impact on luminosities



Impact on luminosities



Impact on luminosities

