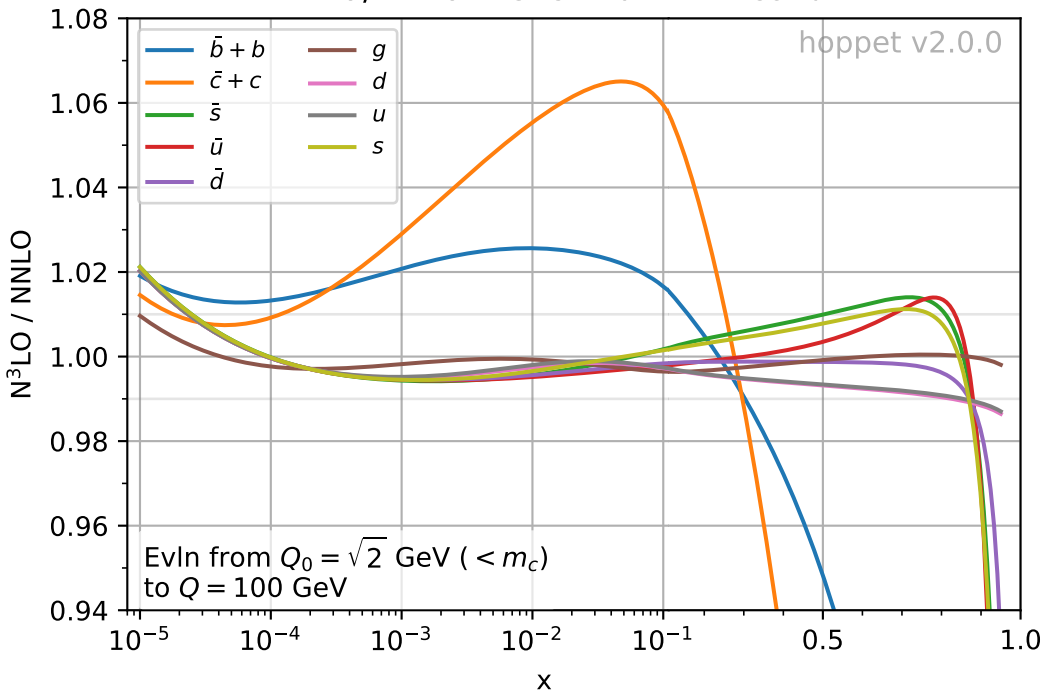


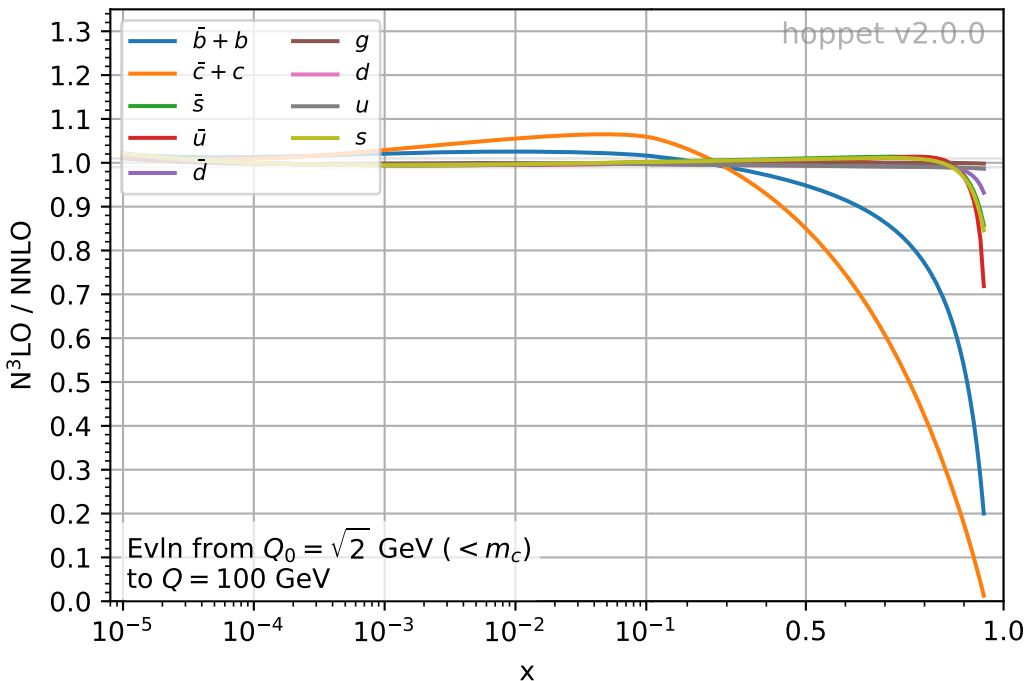
# N<sup>3</sup>LO/NNLO: Benchmark init. cond.

hoppet v2.0.0



# N<sup>3</sup>LO/NNLO: Benchmark init. cond.

hoppet v2.0.0

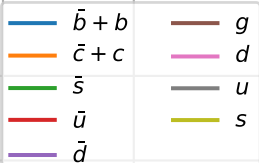


# $N^3\text{LO}/\text{NNLO}$ : Benchmark init. cond.

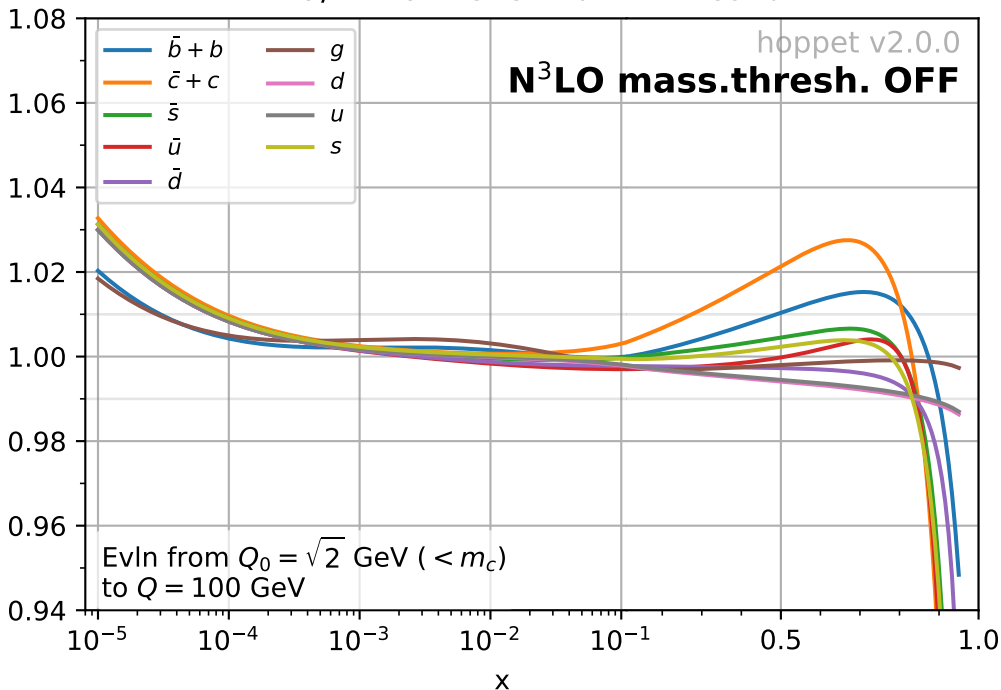
hoppet v2.0.0

**$N^3\text{LO}$  mass.thresh. OFF**

$N^3\text{LO} / \text{NNLO}$



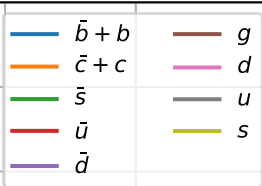
Evln from  $Q_0 = \sqrt{2} \text{ GeV } (< m_c)$   
to  $Q = 100 \text{ GeV}$



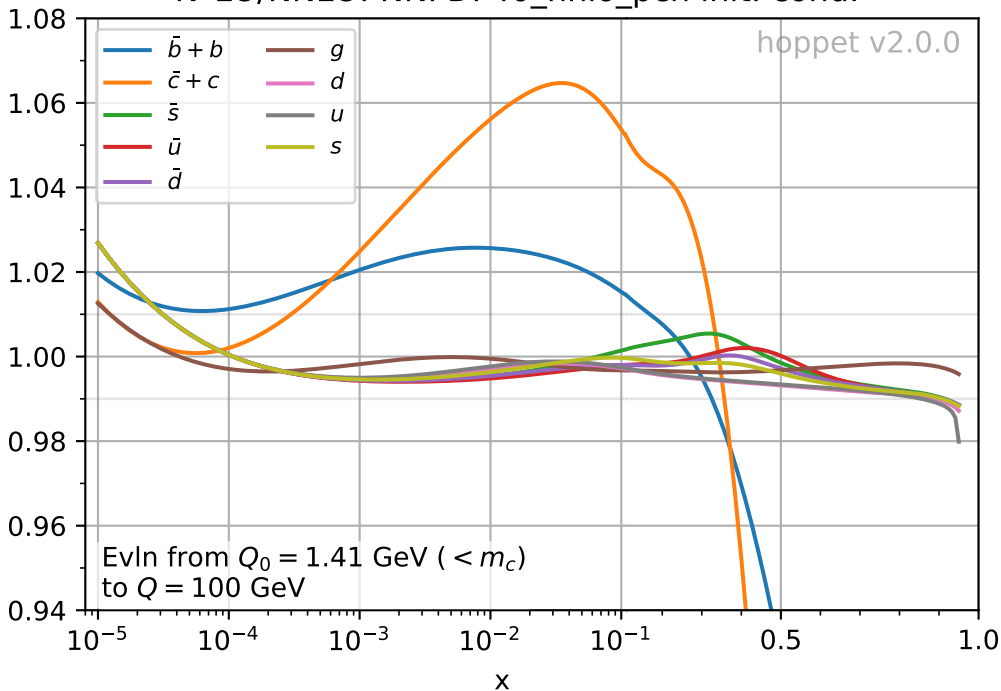
# N<sup>3</sup>LO/NNLO: NNPDF40\_nnlo\_pch init. cond.

hoppet v2.0.0

N<sup>3</sup>LO / NNLO



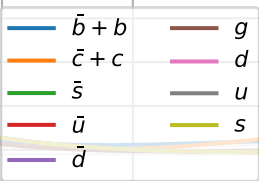
Evln from  $Q_0 = 1.41 \text{ GeV} (< m_c)$   
to  $Q = 100 \text{ GeV}$



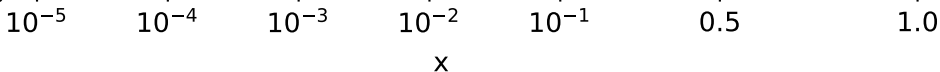
# N<sup>3</sup>LO/NNLO: NNPDF40\_nnlo\_pch init. cond.

hoppet v2.0.0

N<sup>3</sup>LO / NNLO



Evln from  $Q_0 = 1.41 \text{ GeV} (< m_c)$   
to  $Q = 100 \text{ GeV}$

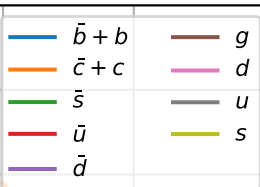


N<sup>3</sup>LO/NNLO: NNPDF40\_nnlo\_pch init. cond.

hoppet v2.0.0

**N<sup>3</sup>LO mass.thresh. OFF**

N<sup>3</sup>LO / NNLO



Evln from  $Q_0 = 1.41$  GeV ( $< m_c$ )  
to  $Q = 100$  GeV

