$\Sigma$  at 100.0 GeV 40  $\frac{1}{100}$  NNPDF 3.1 NNLO (68% c.l.+1 $\sigma$ )  $\alpha_{\rm S} = 0.117 \ (68\% \ {\rm c.l.} + 1\sigma)$  $\alpha_S = 0.119 (68\% \text{ c.l.} + 1\sigma)$ 35 30 25  $\times\Sigma(\times)$ 20 15 10 5 0  $10^{-3}$  $10^{-2}$  $10^{-1}$  $10^{-4}$ Χ