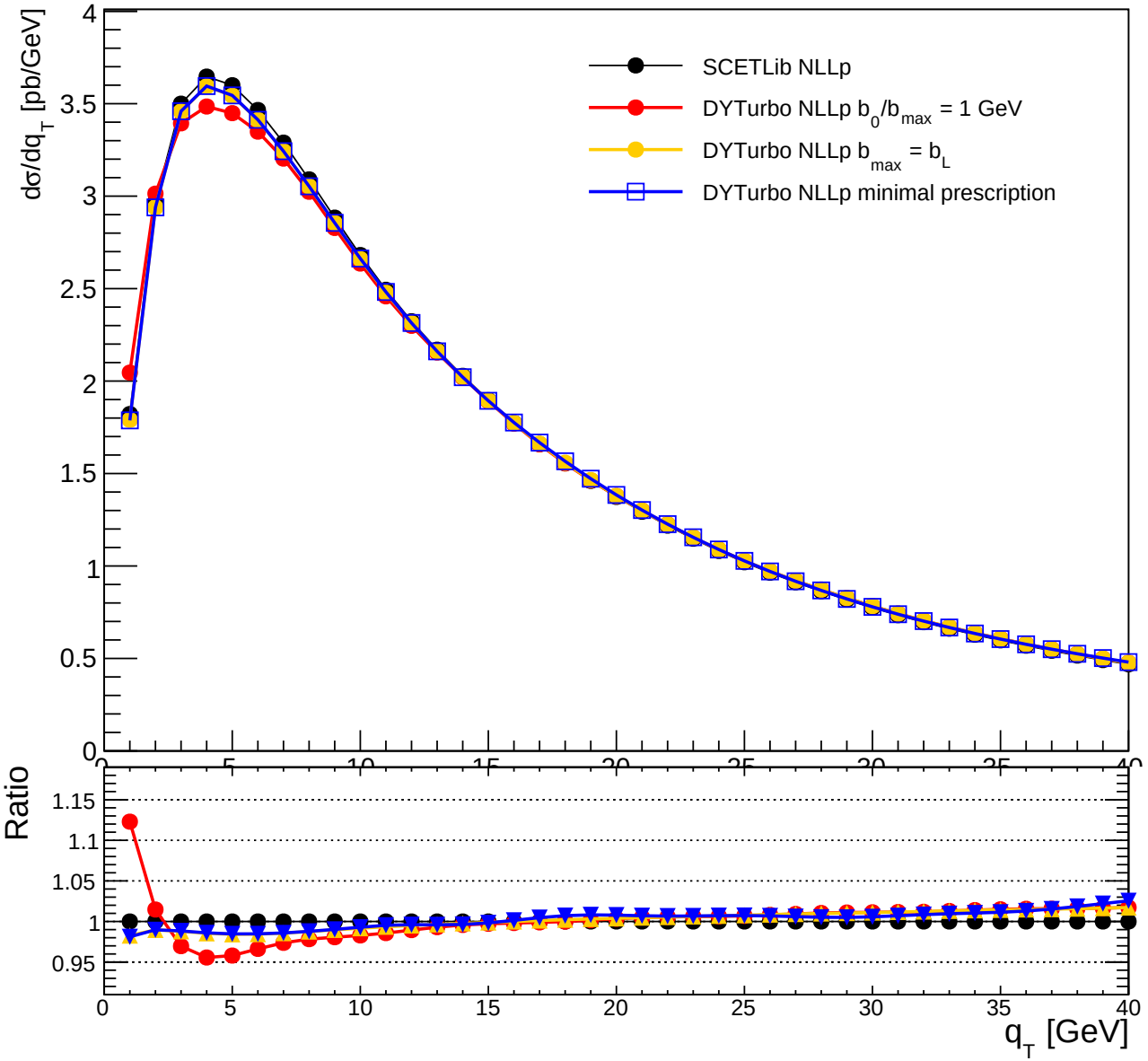
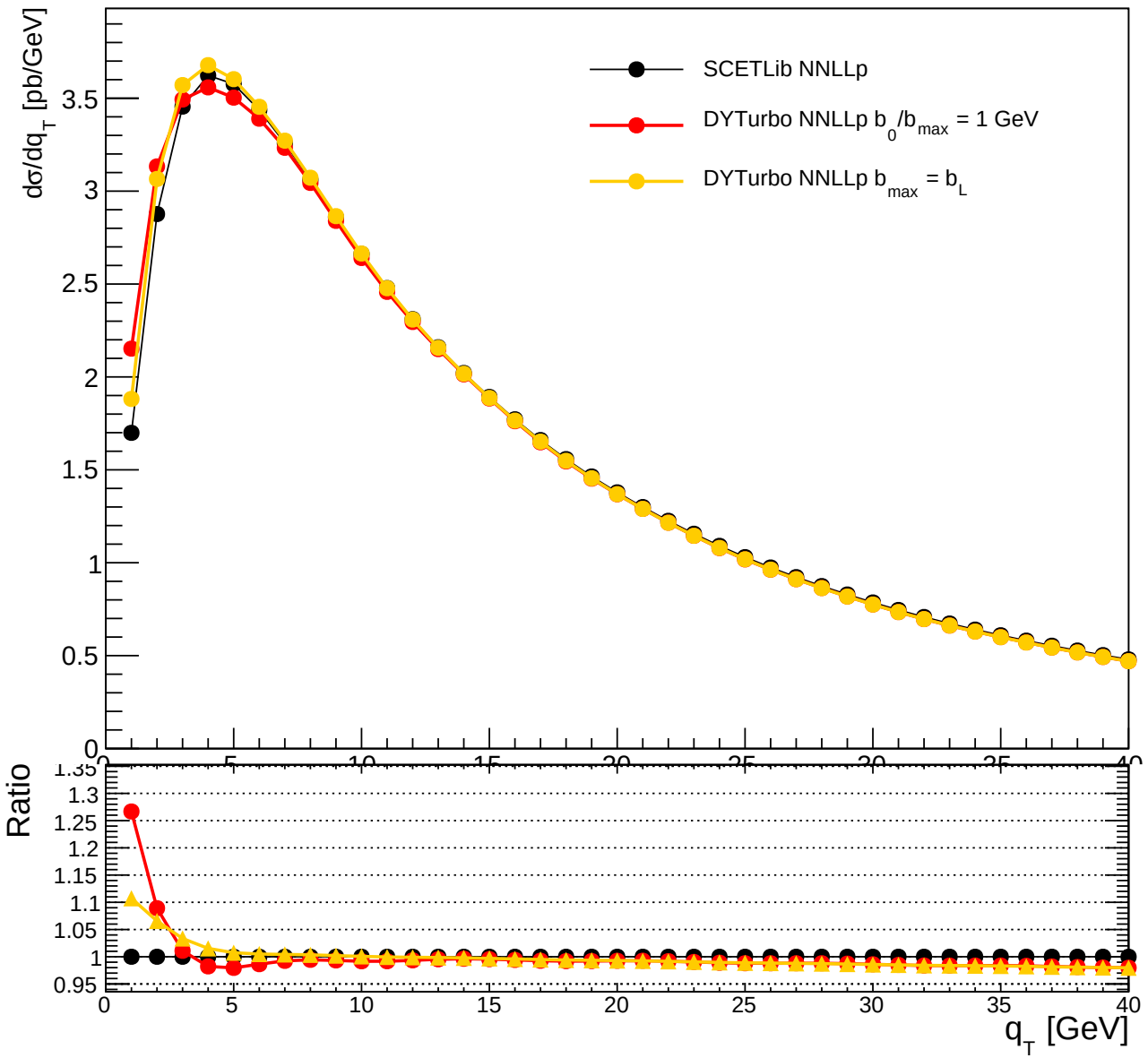
Comparison between bstar and minimal prescription

- Following a suggestion from Valerio, I checked the impact of a *partial* minimal prescription: keep bstar with $b_{\max} = b_0/1\text{GeV}$ to evaluate PDFs, but integrate up to or beyond the Landau pole in the Sudakov
- In one prescription $b_{\max} = b_L$ with $b_L = \frac{b_0}{Q} \cdot exp(1/(2\alpha_s\beta_0))$
- In the other prescription the path of integration is deformed in the complex plane (minimal prescription)
- The two prescriptions give similar results, but the first one is much easier to integrate

NLLp


dσ/dq_T [pb/GeV]
SCETLib NLLp
DYTurbo NLLp b_0/b_max = 1 GeV
DYTurbo NLLp b_max = b_L
DYTurbo NLLp minimal prescription
Ratio
q_T [GeV]

NNLLp


dσ/dq_T [pb/GeV]
SCETLib NNLLp
DYTurbo NNLLp b_0/b_max = 1 GeV
DYTurbo NNLLp b_max = b_L
Ratio
q_T [GeV]