

# inclusive jet production

in hadron-induced processes

fastNLO  
hepforge.cedar.ac.uk/fastnlo

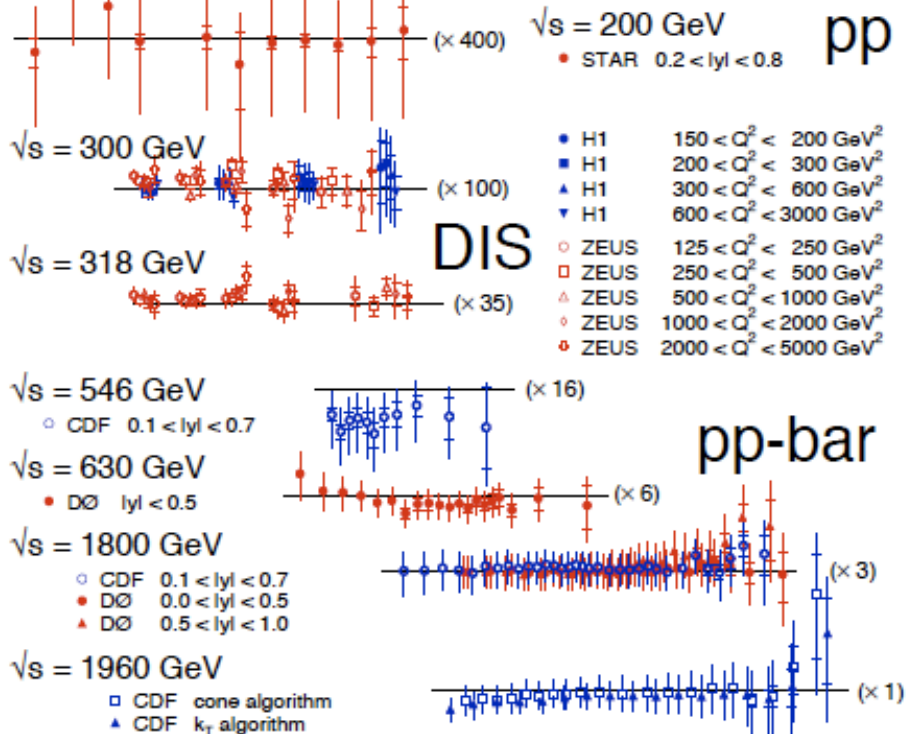
data / theory

$10^3$

$10^2$

10

1



all pQCD calculations using NLOJET++ with fastNLO:

$\alpha_s(M_Z)=0.118$  | CTEQ6.1M PDFs |  $\mu_r = \mu_f = p_{T,\text{jet}}$

NLO plus non-perturbative corrections | pp, p $\bar{p}$ : incl. threshold corrections (2-loop)

10

$10^2$

$10^3$

$p_T \text{ (GeV/c)}$