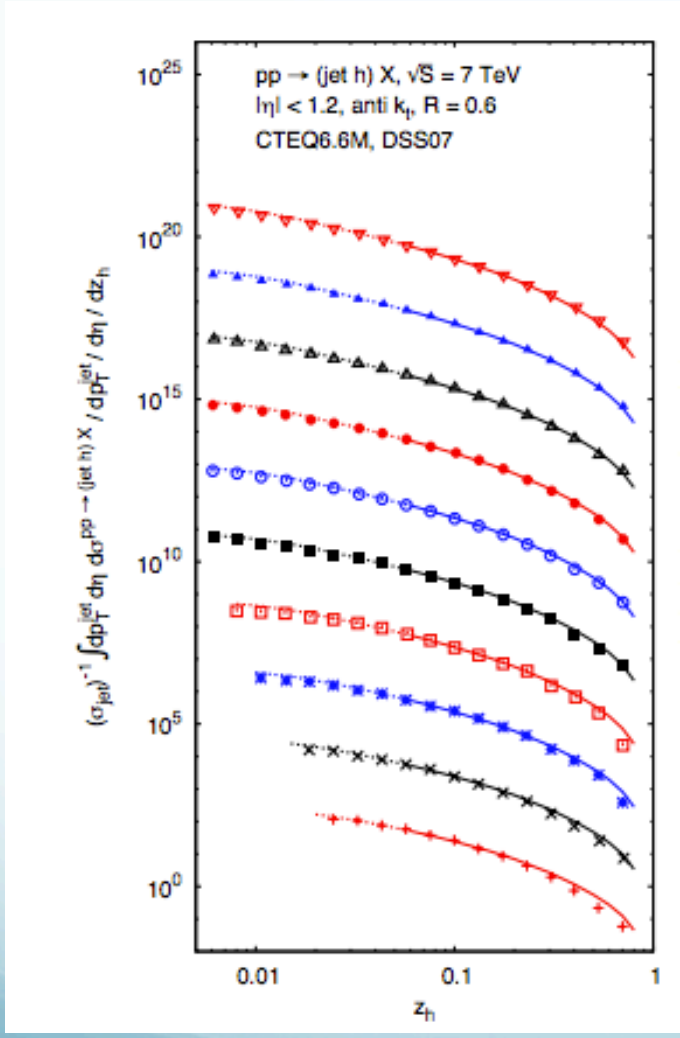
Comments: hadron inside jet

maybe not just ratio like what we have done so far

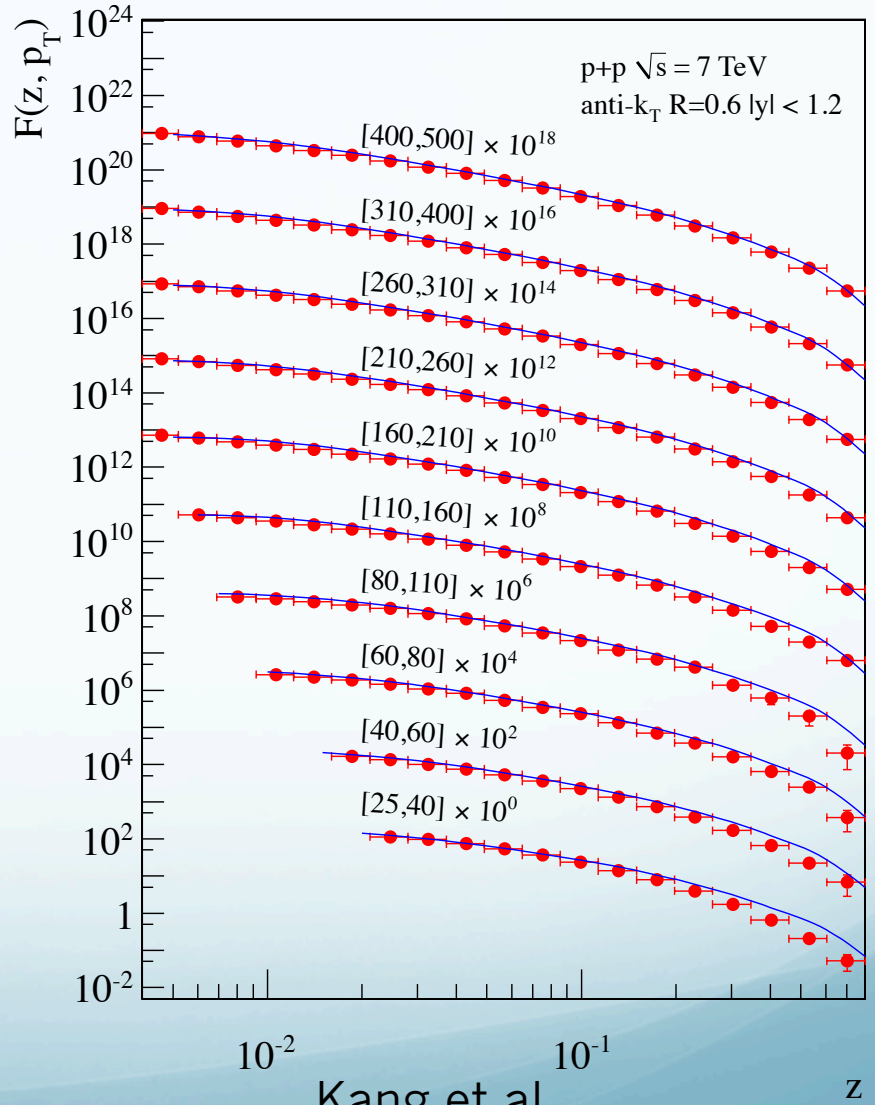
Zhongbo Kang

Theory developments

- pQCD NLO calculation and SCET approach



Vogelsang et.al.



Kang et.al.

LHC measurements

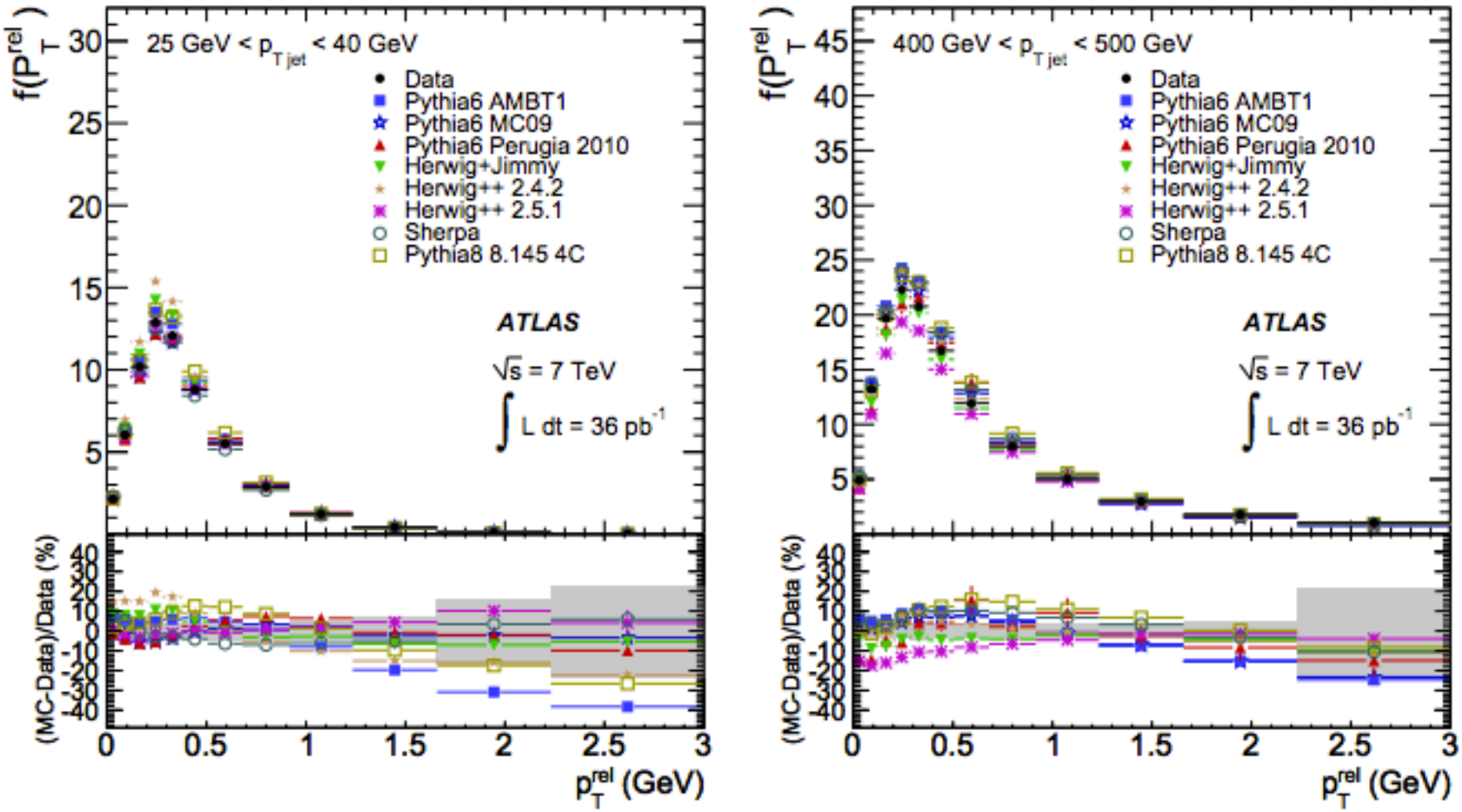


Fig. 9. Distributions of $f(p_T^{rel})$ for 25 GeV $< p_{T\,\mathrm{jet}} <$ 40 GeV (*left*) and 400 GeV $< p_{T\,\mathrm{jet}} <$ 500 GeV (*right*). The gray band indicates the total uncertainty.