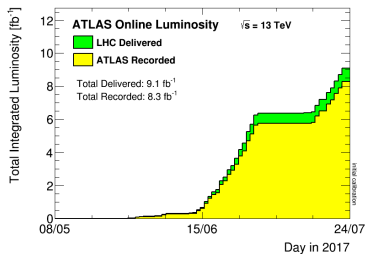


Weekly report

Yu Zhang

IHEP

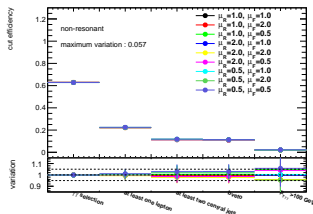


July 23, 2017

mass	260	300	400	500	non-resonant
uncertainty	0.024	0.024	0.026	0.026	0.030

- By varying the internal parameters of the PDF set, the uncertainty is estimated, moving to PDF4LHC15

QCD Scale uncertainty



- scale variations of the renormalisation (μ_R) and the factorisation scale (μ_F)
- The corresponding scale-variation uncertainty is given by the envelope of those variations.
- Current result is based on LHEF(from Biagio)+Pythia(Maosen made the showering). We need to move to Herwig and ask Biagio for resonant LHEF.