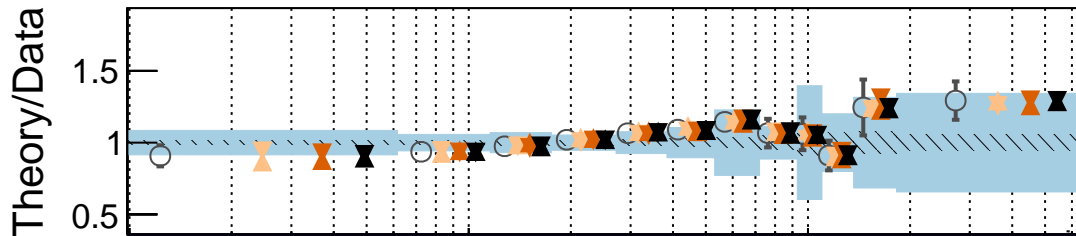
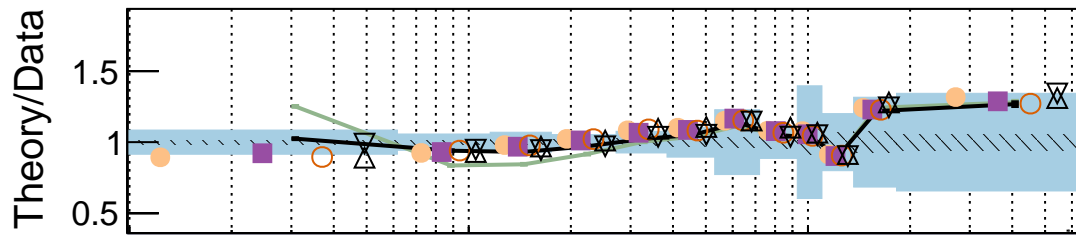


**CMS preliminary**

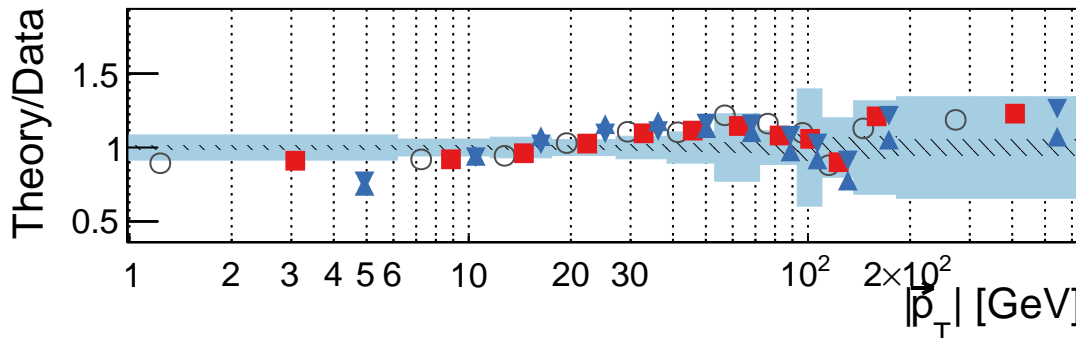
35.9 fb<sup>-1</sup> (13 TeV)



- PW+PY8
- ▲ ISR up
- ▼ ISR dn
- ▲ FSR up
- ▼ FSR dn
- ▲ UE up
- ▼ UE dn



- no MPI
- no CR
- QCD based
- Gluon move
- ERD on
- ▲ Rope
- ▼ Rope (no CR)



- Sherpa
- aMC@NLO+PY8
- ▲ PW+HW++
- ▼ PW+HW7