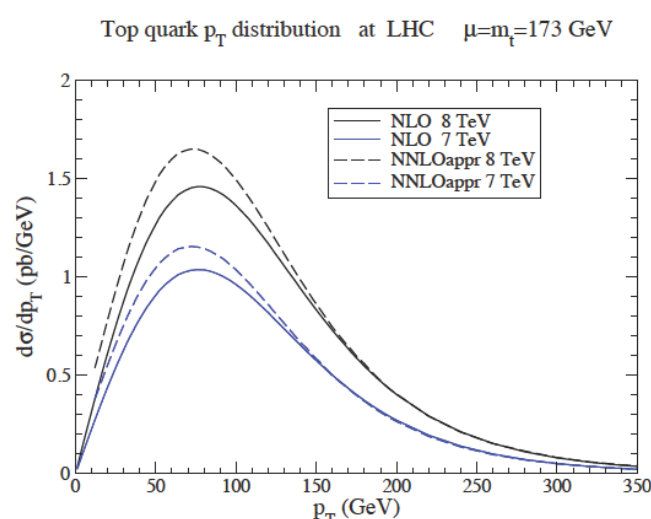
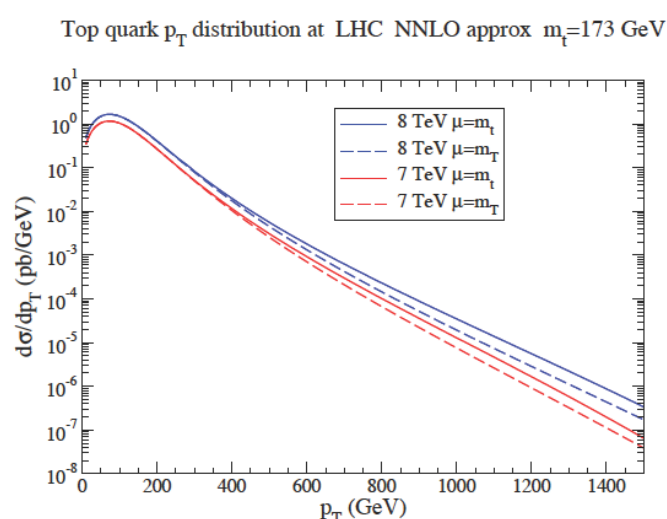




## Top pair and single top differential cross sections.

**Nikolaos Kidonakis (Kennesaw State University)**

**Thursday, 19 July 2012, 16:00 h**  
**Buildg. 1b / SemRm 4a**



I present theoretical results with NNLL soft-gluon resummation for top quark production at the LHC and the Tevatron. Cross sections are shown for  $t\bar{t}$  production as well as for single top production in the  $t$  and  $s$  channels and via associated  $tW$  production. Top quark transverse momentum distributions are presented both in pair production and in  $t$ -channel single top production. Rapidity distributions and the forward-backward asymmetry are also discussed.