

Top-antitop cross sections at high energies

Wednesday 4 May 2022 17:30 (20 minutes)

I present theoretical results for top-antitop pair production cross sections at current and future collider energies up to 100 TeV. I discuss the contribution of higher-order terms in the perturbative series. I show the very high quality of the soft gluon approximation through NNLO and the effect of contributions at aN^3LO .

Submitted on behalf of a Collaboration?

No

Author: KIDONAKIS, Nikolaos

Presenter: KIDONAKIS, Nikolaos

Session Classification: Joint WG3+WG4 session:

Track Classification: Joint WG3+WG4 session