

Subtraction of top pair events in tWb production at one-loop level

We present the calculation of QCD one-loop correction for tWb production. In particular, due to the well-known interference between tWb and top pair production, we introduce a new method to subtract the anti-top resonance at loop level. This method is implemented by extracting the leading-order (LO) of the resonance expansion, employing the idea of effective theory.

Primary author: DONG, Liang (S)

Presenter: DONG, Liang (S)

Session Classification: 分会场一

Track Classification: TeV 物理和超出标准模型新物理