



Contribution ID: 214

Type: **not specified**

CTEQ-TEA distributions with intrinsic charm

Wednesday, 5 April 2017 11:20 (20 minutes)

We present the possibility of intrinsic (non-perturbative) charm in parton distribution functions (PDF) of the proton, within the context of the CT14 next-to-next-to-leading order (NNLO) global analysis. Different models of intrinsic charm are analysed and compared. The correlations between the value of the charm-quark mass and the allowed amount of intrinsic charm is also discussed.

Authors: GUZZI, Marco (University of Manchester); CTEQ-TEA COLLABORATION

Presenter: GUZZI, Marco (University of Manchester)

Session Classification: WG1 and WG5 joint session

Track Classification: WG5) Physics with Heavy Flavours