

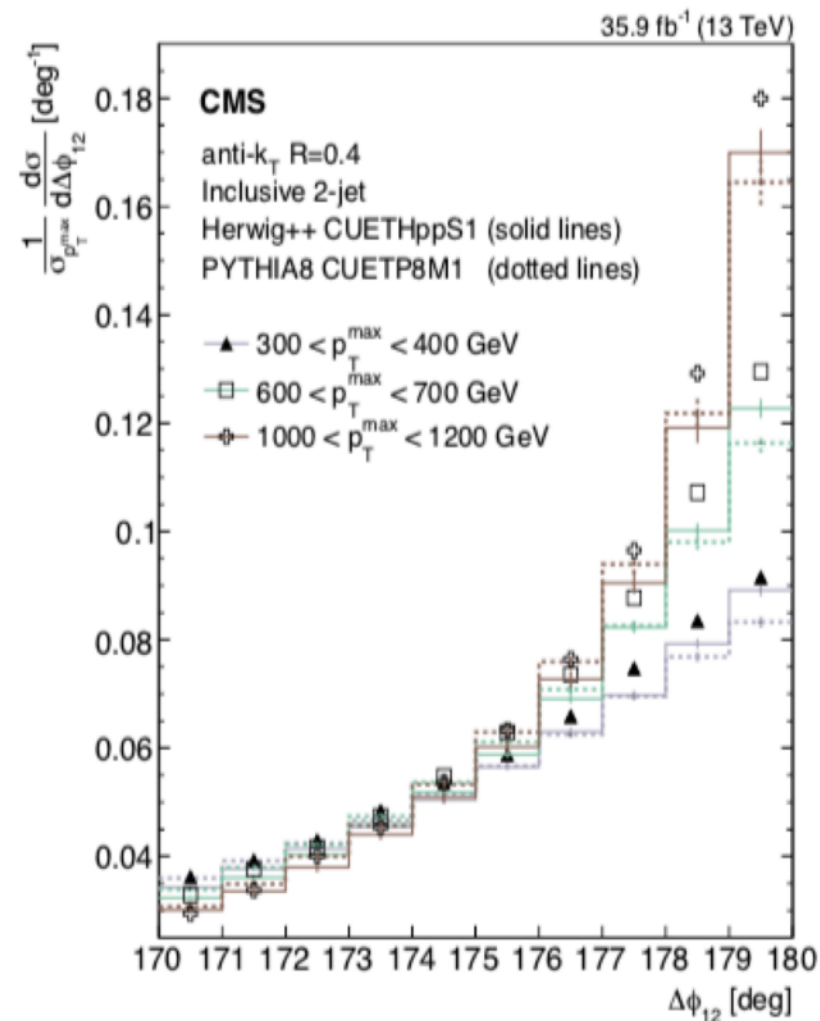
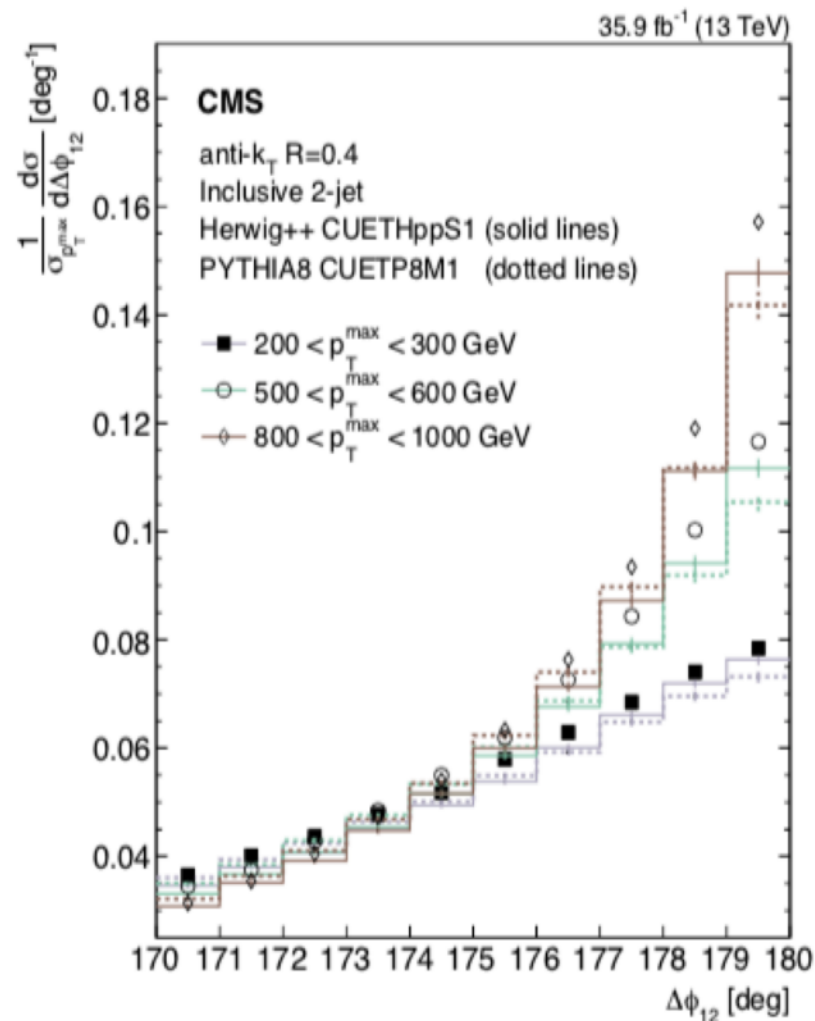
PB TMD meeting

News

- xFitter meeting in Minsk, March 18-20th (<https://indico.desy.de/indico/event/22011/>)
 - invited to contribute with PB TMDs
- MCEG workshop next week DESY (<https://indico.desy.de/indico/event/22030/>)

New papers

High pt dijet production in back-to-back region (Sirunyan, A. M. and others (2019). Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in pp collisions at \sqrt{s} 13 TeV, CMS: arXiv 1902.04374)



Abstracts for DIS 2019:

- PB TMD distributions from fits to DIS precision data

- Authors: Sara Taheri Monfared, Francesco Hautmann, Hannes Jung, Melanie Schmitz

We present a new determination of Transverse Momentum Dependent (TMD) parton distributions applying the Parton Branching method. The PB TMDs are obtained from fits to precision DIS data using DGLAP splitting functions at leading and higher order. In addition the CCFM splitting function will be applied to include small x effects.

Applications of these new TMD distributions will be discussed.

- Parton Shower based on TMD parton distributions

- Authors: Melanie Schmitz, Sara Taheri Monfared, Francesco Hautmann, Hannes Jung

We present a parton shower based on Transverse Momentum Dependent (TMD) parton distributions obtained with the Parton Branching method. We investigate how well the TMD parton shower reproduces the TMD parton distributions.

Applications of the TMD parton shower to LHC processes will be presented.

Agenda

PB TMD discussion

Thursday, 14 February 2019 from **15:00** to **17:00** (Europe/Berlin)
at **CMS meeting room**

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Description Vidyo connection:

<https://vidyoportal.cern.ch/flex.html?roomdirect.html&key=Nh6qpY4rP69Q>

If you want to join by phone, please use one of the phone numbers listed in the link below:

<http://information-technology.web.cern.ch/services/fe/howto/users-join-vidyo-meeting-phone>

and enter the meeting extension 1010403749 in order to join.

Thursday, 14 February 2019

15:00 - 15:10 Intro 10'



15:10 - 15:30 Contributions for MCEG 20'



Preparations for MCEG

- KaTie available for ep (thanks to Andreas)