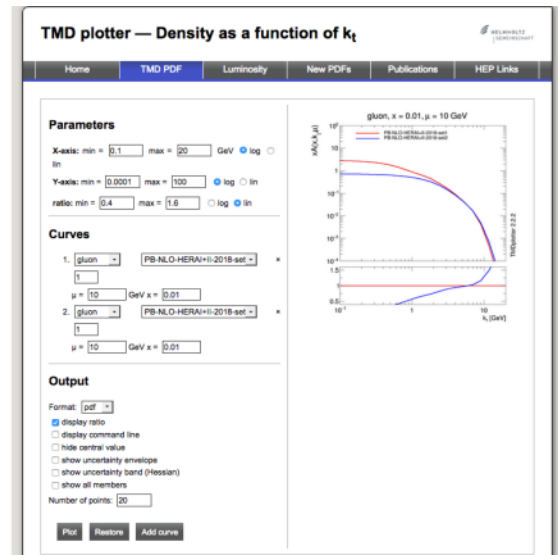


Tutorial TMDplotter and TMDlib

REF 2018 workshop, Cracow
23. Nov 2018

- TMDplotter:
 - open Browser with <http://tmdplotter.desy.de>
 - select to plot k_t distribution of PB-NLO-HERAI+II-2018-set1 and PB-NLOHERAI+II-2018-set2
 - plot the uncertainty band of set 1 (or set 2)
 - compare the integrated TMD PB-NLO-HERA-I+II-2018-set1 with HERANLO2.0 (collinear pdf)
 - ditto, but with set 2
 - ditto with uncertainty bands (takes long)



- TMDlib (<https://tmdlib.hepforge.org/>)
 - calculate DY cross section with TMD parton densities PB-NLO-HERAI+II-2018-set1 following `DY-tmdlib.cc` (distributed in TMDlib package)
 - change to other TMD, MRW-CT10nlo, for example.