High Energy Physics | TMD Plotter

Using the form below you can calculate, in real time, values of $\int dk_t \, xA(x,k_t,p)$ for any of the uPDFs. You can also generate and compare plots of $\int dk_t \, xA(x,k_t,p)$ vrs x at any p^2 for up to 4 different parton types or PDFs.

Please click one of the buttons to generate the according form for the TMD Plotter:

x_{min} = `0.0001` , x_{max} = `1.0`

y_{min} = `0.001` , y_{max} = `500.0` ,

at p^2 = `25.` GeV^2 ,

using DGLAP, give LHAPDF identifier here: `10041`

1 ☑ gluon
PDF: JH-2013-set1
scale-factor `1.0`

2 ☑ gluon
PDF: GBW
scale-factor `1.0`

3 ☐ gluon
PDF: JH-2013-set1
scale-factor `1.0`

4 ☐ gluon
PDF: JH-2013-set1
scale-factor `1.0`

[Make the Plot/Calculation]   [Reset the Form]

PHYSICS AT THE TERA SCALE
Helmholtz Alliance

DESY