

TMD plotter — Density as a function of k_t

Parameters

X-axis: min = 0.1 max = 20 GeV ☒ log
☐ lin
Y-axis: min = .0001 max = 1 ☒ log ☐ lin
ratio: min = 0.4 max = 1.6 ☐ log ☒ lin

Curves

1. up PV19_grid_pdf x
1
 $\mu = 10$ GeV x = 0.01

2. down PV19_grid_pdf x
1
 $\mu = 10$ GeV x = 0.01

Output

Format: pdf ☐ display ratio
☐ display command line
☐ hide central value
☐ show uncertainty envelope
☐ show uncertainty band (Hessian)
☐ show uncertainty band (MC)
☐ show all members
Number of points: 50

Plot Restore Add curve

PV19_grid_pdf, x = 0.01, $\mu = 10$ GeV

TMDplotter Messages:
TMD setverbosity: 0 0
TMDinit in CurveTMD:CurveTMD for
integration: PV19_grid_pdf
TMDinit in CurveTMD:CurveTMD for
integration: PV19_grid_pdf
TMDplotter warning: Due to large size of
sets, the number of set used for
uncertainty is limited for set:
PV19_grid_pdf

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Parameters

X-axis: min = max = GeV ☒ log

☐ lin

Y-axis: min = max = ☒ log ☐ lin

ratio: min = max = ☐ log ☒ lin

Curves

1. ×

 $\mu =$ GeV $x =$
2. ×

 $\mu =$ GeV $x =$
3. ×

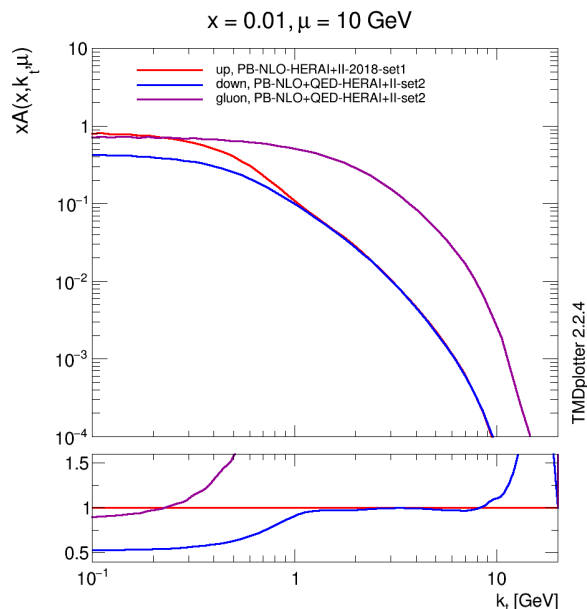
 $\mu =$ GeV $x =$

Output

Format:

- ☒ display ratio
- ☐ display command line
- ☐ hide central value
- ☐ show uncertainty envelope
- ☐ show uncertainty band (Hessian)
- ☐ show uncertainty band (MC)
- ☐ show all members

Number of points:

[Plot](#)[Restore](#)[Add curve](#)

TMDplotter Messages:

```
TMD setverbosity: 0 0
TMDinit in CurveTMD:CurveTMD for
integration: PB-NLO-HERAI+II-2018-set1
TMDinit in CurveTMD:CurveTMD for
integration: PB-NLO-HERAI+II-2018-set1
CurveTMD Members 34
TMD setverbosity: 0 0
TMDinit in CurveTMD:CurveTMD for
integration: PB-NLO+QED-HERAI+II-set2
```

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