

HERA DIS

HERA DIS + CMS 13 TeV dijets

Data set

2D

3D

CMS dijet 2D

$ y _{\text{max}} < 0.5$	18 / 22
$0.5 < y _{\text{max}} < 1$	15 / 22
$1 < y _{\text{max}} < 1.5$	16 / 23
$1.5 < y _{\text{max}} < 2$	15 / 12

CMS dijet 3D

$y_b < 0.5, \quad y^* < 0.5$	22 / 21
$y_b < 0.5, \quad 0.5 < y^* < 1$	24 / 19
$0.5 < y_b < 1, \quad y^* < 0.5$	49 / 19
$0.5 < y_b < 1, \quad 0.5 < y^* < 1$	13 / 17
$0.5 < y_b < 1, \quad 1 < y^* < 1.5$	8 / 7
$1 < y_b < 1.5, \quad 0.5 < y^* < 1$	10 / 7
$0.5 < y_b < 1, \quad 1.5 < y^* < 2$	9 / 6
$1 < y_b < 1.5, \quad 1 < y^* < 1.5$	4 / 6
$1.5 < y_b < 2, \quad 0.5 < y^* < 1$	8 / 5

HERA1+2

CC $e^-p, E_p = 920 \text{ GeV}$	51 / 42	51 / 42	50 / 42
CC $e^+p, E_p = 920 \text{ GeV}$	37 / 39	37 / 39	38 / 39
NC $e^-p, E_p = 920 \text{ GeV}$	221 / 159	222 / 159	221 / 159
NC $e^+p, E_p = 460 \text{ GeV}$	198 / 177	197 / 177	198 / 177
NC $e^+p, E_p = 575 \text{ GeV}$	186 / 221	186 / 221	186 / 221
NC $e^+p, E_p = 820 \text{ GeV}$	55 / 61	55 / 61	55 / 61
NC $e^+p, E_p = 920 \text{ GeV}$	359 / 317	364 / 317	362 / 317

Total χ^2 / n_{dof}

1161 / 1003

1232 / 1081

1339 / 1109