

**Data set****Partial  $\chi^2 / n_{\text{data}}$** 

HERA DIS only

HERA DIS + CMS dijets (2D)

CMS dijet 2D

$ y _{\text{max}} < 0.5$		24 / 22
$0.5 <  y _{\text{max}} < 1$		14 / 22
$1 <  y _{\text{max}} < 1.5$		22 / 23
$1.5 <  y _{\text{max}} < 2$		15 / 12
$2 <  y _{\text{max}} < 2.5$		30 / 12
HERA1+2 CCem	52 / 42	50 / 42
HERA1+2 CCep	37 / 39	37 / 39
HERA1+2 NCem	221 / 159	222 / 159
HERA1+2 NCep 460	199 / 177	197 / 177
HERA1+2 NCep 575	186 / 221	186 / 221
HERA1+2 NCep 820	56 / 61	55 / 61
HERA1+2 NCep 920	363 / 317	368 / 317
Total $\chi^2 / n_{\text{dof}}$	1161 / 1003	1283 / 1094