







CMS*Simulation Supplementary*

Powheg PYTHIA $Z(l^+l^-) H(b\bar{b})$
1 recoil jet, $p_T^Z > 150$ GeV

-  Kinematic fit + b-jet regression
-  $\mu = 120.0$ GeV, $\sigma = 12.4$ GeV
-  b-jet regression
-  $\mu = 125.2$ GeV, $\sigma = 15.4$ GeV
-  PF-CHS jets
-  $\mu = 116.2$ GeV, $\sigma = 17.9$ GeV

0

20

40

60

80

100

120

140

160

 $m(jj)$ [GeV]