

Events

CMS

Simulation

 $pp \rightarrow s(b\bar{b}) + DM$

$$g_\chi = 1.0; g_q = 0.25; \theta_{mix} = 0.01$$

 10^3 10^2

10

1

 10^{-1}

0

200

400

600








800

1000

1200

1400

PFMET [GeV]

-  $M(Z,hs,\chi)=(1000,50,50)$ GeV
-  $M(Z,hs,\chi)=(1000,50,100)$ GeV
-  $M(Z,hs,\chi)=(1000,50,150)$ GeV
-  $M(Z,hs,\chi)=(1000,50,200)$ GeV
-  $M(Z,hs,\chi)=(1000,50,250)$ GeV
-  $M(Z,hs,\chi)=(1000,50,300)$ GeV
-  $M(Z,hs,\chi)=(1000,50,400)$ GeV

