

Events / 15 GeV

180

160

140

120

100

80

60

40

20

0

**CMS**

$\sqrt{s} = 7 \text{ TeV}, L = 5.0 \text{ fb}^{-1}$

$\sqrt{s} = 8 \text{ TeV}, L = 5.1 \text{ fb}^{-1}$

$pp \rightarrow V + b\bar{b}$

● Data

— VH(125 GeV)

— VV

■ VH(125 GeV)

■ VV

■ Z +  $b\bar{b}$

■ Z + udscg

■ W +  $b\bar{b}$

■ W + udscg

■ Single top

■  $t\bar{t}$

▨ MC uncert. (stat.)

Data/MC

2

1.5

1

0.5

0

50

100

150

200

250

$M_{b\bar{b}}$  (GeV)

