

$\sqrt{s} = 7 \text{ TeV}$  $d\sigma(H_b X)/d|\eta|(H_b) [\mu\text{b}]$ 

—●— ATLAS data  
— POWHEG+PYTHIA  
— MC@NLO  
— PYTHIA8

 $10^1$ 

1.4

1.2

1

0.8

0.6

MC/data

0

0.5

1

1.5

2

2.5

 $|\eta|(H_b)$ 