

$1/\sigma d\sigma/d\Delta R$ **CMS** *Simulation* $pp \rightarrow h(b\bar{b}) + \text{DM}$ $M_\chi = 1 \text{ GeV}$ Z' -Baryonic

- $M_{Z'} = 10 \text{ GeV}$
- $M_{Z'} = 20 \text{ GeV}$
- $M_{Z'} = 50 \text{ GeV}$
- $M_{Z'} = 100 \text{ GeV}$
- $M_{Z'} = 200 \text{ GeV}$
- $M_{Z'} = 300 \text{ GeV}$
- $M_{Z'} = 500 \text{ GeV}$
- $M_{Z'} = 1000 \text{ GeV}$
- $M_{Z'} = 10000 \text{ GeV}$

0.25

0.20

0.15

0.10

0.05

0.00

0

1

2

3

4

5

 ΔR (b quarks)