

**CMS** *Preliminary*

179.7 nb<sup>-1</sup> (pPb 8.16 TeV)

Events / 5 MeV

- Data
- Fit result
- Signal
- - - Comb. backg.

$$M(B_s^0) = 5365.31 \pm 2.40 \text{ MeV}$$

$$\sigma = 37.34 \pm 4.47 \text{ MeV}$$

$$N_{B_s^0} = 126 \pm 12$$

$$N_{\text{bkg}} = 1 \pm 5$$

$$1.6 \leq |y|(B_s^0) < 2.4 \text{ GeV}$$

