

PbPb 1.7 nb<sup>-1</sup>, pp 28.0 pb<sup>-1</sup> (5.02 TeV)

**CMS**

*Preliminary*

- pp 5.02 TeV,  $|y| < 1.6$
- PbPb 5.02 TeV,  $|y| < 1.6$
- ◇ pp 7 TeV (BPH-10-014),  $|y| < 1.2$

non-propmt fraction

0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

$p_T$  (GeV/c)

50

45

40

35

30

25

20

15

10

5