

Expected significance

### ALICE Upgrade projection

Pb-Pb,  $\sqrt{s_{NN}} = 5.5$  TeV (0-10%),  $B=0.5$  T

—  $\frac{3}{\Lambda} \bar{H} \rightarrow \frac{3}{\Lambda} \bar{He} + \pi^+$

B.R. = 25% (\*)

—  $\frac{4}{\Lambda} \bar{H} \rightarrow \frac{4}{\Lambda} \bar{He} + \pi^+$

B.R. = 50% (\*)

—  $\frac{4}{\Lambda} \bar{He} \rightarrow \frac{3}{\Lambda} \bar{He} + \bar{p} + \pi^+$

B.R. = 32% (\*)

(\*) theoretical

10<sup>2</sup>

10

1

5 $\sigma$

3 $\sigma$

10<sup>-2</sup>

10<sup>-1</sup>

1

10

Min. bias integrated luminosity (nb<sup>-1</sup>)

