

Probability density

0.012

0.010

0.008

0.006

0.004

0.002

0.000



$B^0 \rightarrow J/\psi K_S^0$



$\Lambda_b^0 \rightarrow J/\psi \Lambda^0$ with $p \rightarrow \pi^+$ hypothesis

5000

5200

5400

5600

5800

6000

6200

$m(J/\psi K_S^0)$ [MeV/ c^2]

