

Production of $X(3872)$ at High Multiplicity

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The LHCb collaboration has observed a decrease with multiplicity of the ratio of the prompt production rates of $X(3872)$ and $\psi(2S)$ in pp collisions. We show that this observation can be explained by the scattering of comoving pions from $X(3872)$ if it is a weakly bound charm-meson molecule.

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