ARE THE X(4260) AND X(4360) MOLECULAR STATES?

Monday 25 September 2017 17:10 (20 minutes)

We investigate the X(4260) and X(4360) within the framework of the Faddeev Equations under the fixed center approximation. We find a state of I=1 with masses around 4320 MeV and width about 25 MeV for the case of $\rho - X(3700)$ and 4256 MeV for the case of \barD-D_1(2420) with similar width to that of the $\rho - X(3700)$. Hence these states could be associated with the X(4260) and X(4360).

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