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Charm baryon spectroscopy with D^0p and D^+p final states at LHCb experiment

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We study several D^0p and D^+p prompt systems, inclusively produced from pp collisions at the LHCb experiment, in order to perform singly charmed hadron spectroscopy studies. We have observed a structure near at the threshold on D^0p sample, and a hint of structure on D^+p sample connected with its Isospin partner on D^0p . Measurements of their masses and widths are reported.

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