

Search for a D^* p resonance at HERA II

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A possible resonance decaying into the D^* -proton final state is investigated in deep inelastic scattering at HERA. The data were taken with the H1 detector in the years 2004 to 2007 and correspond to an integrated luminosity of $\sim 348 \text{ pb}^{-1}$ thus increasing the available data significantly compared to the analysis of HERAI data.

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