Properties of the reaction $\pi^- p \to p\eta\pi^-\pi^-\pi^+$ at 18 GeV/c

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E852 Spokespersons N.M. Cason and S.U.Chung

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Abstract

The reaction $\pi^- p \to p\eta\pi^-\pi^-\pi^+$ has been observed in Brookhaven experiment E852. The η' and $f_1(1285)$ have been detected through the decay to the $\eta\pi^-\pi^+$final state and studies of the $f_1(1285)\pi$ and $\eta'\pi$ systems are presented.