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Features of $\pi^-\pi^0\pi^0$ Events Produced in π^-p Collisions at 18 GeV DAVID S. BROWN, *Northwestern University for the E852 Collaboration (Brookhaven, Indiana, IHEP Protvino, Massachusetts Dartmouth, Moscow State, Northwestern, Notre Dame, Rensselaer)* —

The features of $\pi^-\pi^0\pi^0$ events produced in the reaction $\pi^-p \to p\pi^-\pi^0\pi^0$ at 18 GeV are presented. In particular the 3π and 2π mass distributions, the t-distribution, and Dalitz plots will be shown. The data comes from the 1994 run of E852 at BNL. The analysis of the $\pi^-\pi^0\pi^0$ sample is continuing with a full partial wave analysis. This analysis complements one being performed on $\pi^-\pi^-\pi^+$ events by another member of the collaboration.

- [X] Prefer Oral Session
- [ ] Prefer Poster Session

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