Charmed baryon and semileptonic physics at FOCUS

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Abstract

Analysis of a subset of our data indicates that we will exceed our initial goal of a factor of 10 increase over Fermilab photoproduction experiment E687. From on-line reconstruction we can demonstrate a factor of 20 increase in our samples of $D^+ \to K^- l^+ \nu$ + C.C., and $\Lambda_c^+ \to pK^-\pi^+$ + C.C. decays. Preliminary signals from various charmed baryon and semileptonic charmed meson decays will be presented.