

Abstract Submitted
for the APR07 Meeting of
The American Physical Society

Recent Ω_c^0 and Ξ_c^+ Analysis Results from SELEX Experiment

UGUR AKGUN, The University of Iowa, SELEX COLLABORATION — We report the latest results from singly charmed baryon analyses done on hadro-production data taken by SELEX (E781) experiment. Fermilab charged hyperon beam (Σ^- , π^- , and p) at 600 GeV is used to produce charm particles in Cu and diamond targets. The latest results from lifetime and branching ratio analyses done with a sample of 107 Ω_c^0 events will be presented as well as the lifetime analysis done on Ξ_c^+ for a sample of 301 events.

Ugur Akgun
The University of Iowa

Date submitted: 17 Jan 2007

Electronic form version 1.4