INTERACTION OF 200-500 GeV PROTON WITH EMULSION NUCLEI

P. L. Jain

SUNY at Buffalo

February 22, 1971
INTERACTION OF 200-500 GeV PROTON WITH EMULSION NUCLEI

P. L. Jain

Department of Physics, State University of New York,
Buffalo, New York 14214

ABSTRACT

We are interested in exposing Ilford G-5 pellicles to proton beam from the lowest to the highest energy value available. The exposures shall be along the plane of the pellicles with a flux density of $10^4$ to $10^5$ particles/cm$^2$. We shall study the primary interactions, the multiplicity and the cross-section as a function of primary energy which will vary from 200-500 GeV.