CERN LIBRARIES, GENEVA



CM-P00073922

PROPOSAL

Ecole Polytechnique

For an exposure of the 80 cm Saclay chamber filled with hydrogen, to a beam of 6 GeV/c π^+ in order to study the mechanism:

$$\pi^+ p \longrightarrow p + (multipion +)$$

 $\pi^+ p \longrightarrow N^{*++} + (multipion neutral)$

and comparison with processes with a target neutron in place of the proton. i.e. with the π^+ d experiment at the same energy (run of June 1963 now under study).

50.000 pictures would be necessary with 15 beam tracks per pictures.