

Fermilab Proposal No. 421

Scientific Spokesman:

V. P. Dzhelepov
Laboratory of Nuclear Problems
Joint Institute of Nuclear
Research
Head Post Office, P.O. Box 79
Moscow, USSR

Exposure of an Emulsion Chamber to a 300 GeV/c Proton Beam

June 2, 1975

No 1689/08-27

June 2, 19 75r.

Professor Robert Rathbun WILSON

National Accelerator Laboratory
P. O. Box 500
Batavia, Illinois 60510
U S A

Dear Prof. WILSON,

In view of the experiments aimed at searching for new unstable particles carried out in Dubna at the Laboratory of Nuclear Problems, Director Professor V.P.DZHELEPOV, I would very much appreciate if you could permit exposure of an emulsion chamber ($20 \times 10 \times 10 \text{ cm}^3$) to the 300 GeV proton beam.

The photoemulsion chamber will be sent to Dr. Yu.K.AKIMOV, of the Laboratory of Nuclear Problems, who is at present at NAL. He could take part in the exposure of the chamber.

Sincerely yours,

N.N.BOGOLUBOV,
Academician,
Director of the Joint Institute
for Nuclear Research.



NNB/nn

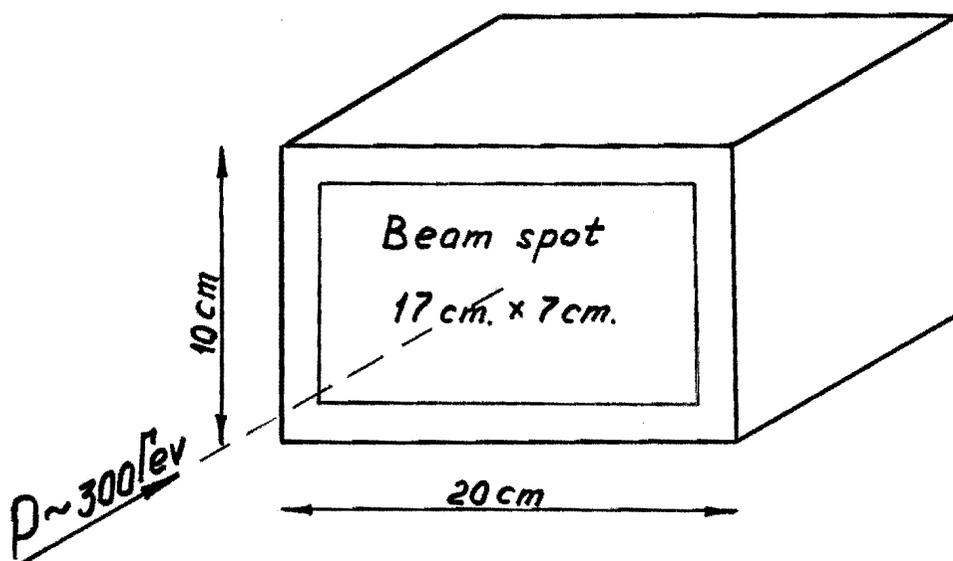
PROPOSAL #

MASTER

DO FILE

421

Conditions of Exposure



It is required to expose uniformly, if possible, the area $(17 \times 7) \text{ cm}^2$ of $(1-1.5) \times 10^5 \text{ p/cm}^2$.