

CORNELL UNIVERSITY

ITHACA, NEW YORK

LABORATORY OF NUCLEAR STUDIES

Idaho Springs, Colorado
1949 Aug. 12

Drs. H.A. Mayer and G. Schwachheim
University of Sao Paulo
Sao Paulo, Brazil.

Dear Drs. Meyer and Schwachheim:

I am enclosing the manuscript on recent experiments which settle, in my opinion, the question of the variation of the mean free paths of the radiation which produces penetrating showers with the thickness of the absorber.

Apparently one does never think enough to the contribution due to the secondaries of the mesons.

Perhaps the process you discussed is real, but the accuracy of my measurements is not good enough to allow such a detailed analysis.

My best regards to both of you.

Sincerely yours,

Giuseppe Cocconi

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