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Referee's comments

EmC 65/3 Rev. 1 B

5.10. 1965

Referee's comments on

ABSORPTION DE MESONS π^{\pm} RAPIDES DANS LES EMULSIONS NUCLEAIRES

by

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C.R.N. - Strasbourg-Cronenbourg EmC 65/3 Rev. I

My previous comments on EmC 65/3 (Proposal to study the interactions of 200 MeV π^{\pm} mesons with complex nuclei) remain essentially valid for the present proposal as far as the method of analysis and the interpretation of the results are concerned.

No quantitative argument is presented which could lead us to believe in a clear separation between the contribution of N^* production and the background. Why not trying first the Monte Carlo analysis if it is felt that its comparison with the experimental data will be necessary to the understanding of the results?

It is to be noted that the proposed experiment is now becoming a large scale project, involving the exposure and analysis of some 13 litres of emulsion ($5 \cdot 10^6$ π mesons).

In conclusion, I should suggest to the authors to wait for the predictions of the Monte Carlo calculation (which, due to the large number of parameters involved, is far from being straight forward) as far as the separation of the different processes is concerned.
