

CLUSTERING FEATURES OF ^{14}N IN RELATIVISTIC MULTIFRAGMENTATION PROCESS

T. V. Shchedrina, P. I. Zarubin

Joint Institute for Nuclear Research, Dubna, Moscow region, Russia

Progress in the study of the peripheral nuclear interactions in ^{14}N dissociation at 2.1A GeV in nuclear emulsion is outlined. The leading role of the multiple fragmentations in the most peripheral nucleus interactions is discussed. The production of unusual states, for which a regrouping of nucleons beyond the α -particle clustering is needed, is identified for this channel.