

ON THE MECHANISMS OF DEUTERON
FORMATION IN $^{16}\text{O}_p$ -INTERACTIONS
AT A MOMENTUM OF 3.25 GeV/ c PER NUCLEON

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S u m m a r y

An irregularity in the deuteron distribution over the kinetic energy within the range $T_d = 60 \div 90$ MeV in the rest frame of an oxygen nucleus has been observed for the first time for $^{16}\text{O}_p$ -interactions at a momentum of 3.25 GeV/ c per nucleon. The emergence of this irregularity has been shown to originate from the process of α -cluster decay owing to its absorption of a slow pion.