Flash Talk: A comparison of n-O inelastic scattering between the experimental and simulation models towards understanding neutrino reaction

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> > Y. Hino Okayama Univ.



## **Experiment vs Simulation**



- MC simulation to compare with the result from E525.
- We used the following models available in Geant4:
  - Liege Intranuclear Cascade (INCL++) => better prediction!
  - Binary Cascade (BIC)
  - Bertini Cascade (BERT) <- Current choice in the SK simulation.

