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**Studying the symmetry energy of excited projectile-like sources**<sup>1</sup> AUGUST L. KEKSIS, M. VESELSKY, G.A. SOULIOTIS, E. BELL, J. GAREY, M. JANDEL, S. PARKETON, C. RICHERS, A. RUANGMA, D.V. SHETTY, E.M. WINCHESTER, S.J. YENNELLO, Cyclotron Institute Texas A&M University — Quasiprojectile, or projectile like, sources were reconstructed from the reactions 32 & 45 MeV/nucleon 40Ar, 40Ca & 48Ca on 112Sn & 124Sn. The technique of isoscaling was used on the isotopic yields from these sources to determine the isoscaling parameter alpha. Alpha was also determined from the isotopic yields created by a hybrid model, which uses the Deep Inelastic Transfer, DIT, code to simulate the interaction stage and the Statistical Multifragmentation Model, SMM, to simulate the breakup stage of these quasiprojectile sources. The experimental results were compared to the theoretical results for various parameterizations of the symmetry energy used by the model.

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Prefer Oral Session  
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