

Abstract Submitted  
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**CC Incl. Cross-section on Carbon in the T2K near detector**  
PAUL ROJAS, NORM BUCHANAN, Colorado State University, T2K COLLABORATION — The Tokai-To-Kamioka (T2K) experiment is a long baseline neutrino experiment for the purpose of studying neutrino oscillations. A neutrino beam is sent, from Tokai, 295 km west across Japan arriving at the far detector in Kamioka (Super-K); with a near detector (ND280) at Tokai 280m from the beam source. I will present my work on measuring a charged current inclusive neutrino interaction cross-section on carbon using the scintillation bars in the Pi-Zero Detector (P0D) portion of ND280.

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