

Abstract Submitted  
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**Measurement of muon neutrino induced Charged Current Single Charged Pion Production Flux-averaged Absolute Cross-Section on Water in the PØD Detector**<sup>1</sup> SHAMIL ASSYLBEKOV, TOMASZ WACHALA, ROBERT WILSON, Colorado State University, T2K COLLABORATION — Using T2K experiment's near detector data samples of Charged Current interactions after analysis cuts and utilizing a water event rate subtraction technique we report a preliminary measurement of single charged pion production cross-section on water. The preliminary data result with the statistic and systematic uncertainties is presented in comparison to the NEUT Monte Carlo prediction.

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