Abstract Submitted for the 4CF10 Meeting of The American Physical Society

Data Quality in the Pi-Zero Detector of the T2K Experiment JACLYN SCHWEHR, Colorado State University, T2K COLLABORATION — The PiZero sub-detector (P0D) of the T2K off-axis near detector ND280 is read out with solid-state photodetectors, Hamamatsu Multi-Pixel Photon Counters (MPPCs). We monitored the performance of these devices from January - June, 2010, performing various checks evaluate the quality of the data. In this talk I will present the methods and measurements we used to study the data quality in the P0D as well as the changes made in the detector based on these observations.

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Date submitted: 13 Sep 2010 Electronic form version 1.4