Abstract Submitted for the DNP19 Meeting of The American Physical Society

Valence PDF of pion from fine lattices using quasi- and pseudo-PDF frameworks<sup>1</sup> NIKHIL KARTHIK, TAKU IZUBUCHI, Brookhaven National Laboratory, LUCHANG JIN, University of Conneticut, CHRISTOS KALLIDO-NIS, Stonybrook University, SWAGATO MUKHERJEE, PETER PETRECZKY, CHARLES SHUGERT, Brookhaven National Laboratory, SERGEY SYRITSYN, Stonybrook University, XIANG GAO, Brookhaven National Laboratory, BNL-SBU-UCONN TEAM — We present numerical results on valence PDF of pion from our lattice computations at two fine lattice spacings of 0.04 and 0.06 fm. We employ both quasi- as well as pseudo-PDF methods to place a tighter constraint on the PDF as determined through corresponding perturbative matching. We will also present some preliminary analysis of pion GPD on the same lattice emsembles.

<sup>1</sup>The U.S. Department of Energy, Office of Science, Office of Nu- clear Physics and High Energy Physics through the Contract No. de-sc0012704

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Date submitted: 01 Jul 2019

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