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A Study of the ρ–ω Interference in the Leptonic Decay Channel from Photoproduction off of a ^{1}H target at JLab MICHAEL PAOLONE, Temple University, University of South Carolina, CHADEN DJALALI, Iowa University, University of South Carolina, MICHAEL KUNKEL, Old Dominion University, DENNIS WEYGAND, Thomas Jefferson National Accelerator Facility, MICHAEL WOOD, Canisius College, CLAS COLLABORATION — Although the phenomena of ρ–ω interference has been studied at great length in pionic decay channel over the past 50 years, a study of the interference in a purely electromagnetic production and decay channel has never been performed on an elementary proton target until now. Preliminary results and comparisons with previous studies on heavier nuclear targets will be discussed, as well as how these results can help interpret recent discrepancies in medium modification studies of the ρ and ω from JLab/CLAS and CBELSA/TAPS.

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