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Xenon (e,2e) triple differential cross sections ROBERT D. MYDLOWSKI, Physics Department, Old Dominion University, Norfolk, Virginia, H.R.J. WALTERS, Department of Applied Mathematics and Theoretical Physics, The Queen’s University, Belfast, UK, COLM T. WHELAN, Physics Department, Old Dominion University, Norfolk, Virginia — Recently there have been published some interesting experiments on the outer shell of xenon performed in doubly symmetric energy sharing arrangements.¹ These experiments present a substantial challenge to theory, not only have we an extremely complex target but the kinematics are such that the key few body effects of exchange, distortion and post collisional electron-electron interaction (pci) and target polarization are likely to be at their strongest and the TDCS will be sensitive to them and their interference. Theoretical results will be presented and compared with experiment

¹Kate L Nixon and Andrew James Murray, Phys Rev A, 85, 022716, 2012

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