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Corrigendum

DWBA-G calculations of electron impact ionization of noble gas atoms

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In this paper we made a plotting error in the bottom panel of figure 6. Instead of the scattering angle of 6° as indicated in the figure caption, the calculation corresponding to a scattering angle of 3° was presented. This is corrected in the following figure.



Figure 6. Ar $3p^6$ TDCS at $E_1 = 500$ eV, $\theta_1 = 6^\circ$ and $E_2 = 205$ eV. The (blue) dashed line denotes the DWBA result. The solid (red) line denotes the DWBA-G result. The experiment is shown with error bars. Both the DWBA-G and experiment are normalized to the DWBA. The vertical lines indicate the directions of the momentum transfer $\pm \hat{q}$.

As is seen from the figure, the enhancement of the recoil peak brings the DWBA-G calculation closer to the experiment as compared to the raw DWBA calculation. Thus the main conclusion of the original paper as to the role of the postcollision interaction remains unchanged.

We thank Professor Don Madison for alerting us to this error.