

Abstract Submitted
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Loss Induced via $5P_{3/2}$ to $5D_{5/2}$ Resonant Light in an ^{85}Rb MOT¹
TRUMAN WILSON, JACOB ROBERTS, Colorado State University — As part of our investigations of possible routes to photoionization in a Rb MOT, we observed relatively large density-dependent loss rates induced by light at 776 nm. This light corresponds to the $5P_{3/2}$ to $5D_{5/2}$ transition in Rb. This poster presents our characterization of these losses.

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