

PARITY-NONCONSERVING OPTICAL ROTATION IN ATOMIC LEAD. T. P. Emmons, J. M. Reeves, and E. N. Fortson [Phys. Rev. Lett. 51, 2089 (1983)].

The footnote citations in Table II did not correspond to the footnotes listed below the table. The correct table and footnotes are printed below.

TABLE II. Comparison of the predicted and measured results of the atomic experiments. Theoretical values are averaged from those atomic calculations that include the major corrections to the central-field-independent particle model. We omit errors from the theoretical values because many calculations are published without error estimates. The Weinberg-Salam theory is assumed, with $\sin^2 \theta_W = 0.215$, the current best value for atomic experiments when radiative corrections are taken into account.^a

Atomic transition (μm)	Measured quantity	Experimental value	Theoretical value	Ratio Expt./Theory
Bi 0.876	$E1_{\text{PNC}}/M1$	$(-10.5 \pm 1.3) \times 10^{-8\text{b}}$	$-11 \times 10^{-8\text{c}}$	1.0
Bi 0.648	$E1_{\text{PNC}}/M1$	$-10 \times 10^{-8\text{d}}$	$-13 \times 10^{-8\text{c}}$	0.8
Pb 1.279	$E1_{\text{PNC}}/M1$	$(-9.9 \pm 2.5) \times 10^{-8\text{e}}$	$-13 \times 10^{-8\text{f}}$	0.8
Tl 0.293	$E1_{\text{PNC}}/M1$	$(2.8^{+1.0}_{-0.9}) \times 10^{-3\text{g}}$	$1.7 \times 10^{-3\text{h}}$	1.6
Cs 0.539	$E1_{\text{PNC}}/\beta$	$-1.34 \pm 0.22 \pm 0.11 \text{ mV/cm}^{\text{i}}$	$-1.7 \text{ mV/cm}^{\text{j}}$	0.8

^aRef. 18.

^bRef. 7.

^cRefs. 1, 19, and 20.

^dRefs. 8-10. (Here we quote, without including errors, the average value for the different 0.648- μm experiments, which remain mutually inconsistent.)

^eThis work.

^fRefs. 1 and 2.

^gRef. 11.

^hRef. 21.

ⁱRef. 12.

^jRef. 22.