Erratum: Initial Ionization Rates in Shock-Heated Argon, Krypton, and Xenon

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Figures 4-8 have an error in scale. The slopes quoted in the caption, and the activation energies computed from them are correctly stated. Corrected figures are available from the authors upon request.

ARGON

\( P = 10 \text{ mm Hg} \)

\( P = 3 \text{ mm Hg} \)

UNCERTAINTY:

\( \frac{\Delta n}{n} \)

Fig. 6. Pressure dependence of ionization rates in argon. 3 mm and 10 mm data superimposed on 5 mm results \( \bar{n}_0 \), quadratically normalised.

ARGON

\( P = 5 \text{ mm Hg} \)

UNCERTAINTY:

\( \frac{\Delta n}{n} \)

Fig. 5. Arrhenius plot of ionization rates of shock-heated argon.
Fig. 7. Arrhenius plot of ionization rates of shock-heated krypton.

Fig. 8. Pressure dependence of ionization rates in krypton. Same, 10 mm, and 17 mm data superimposed on 5 mm results ($S_p$), quadratically normalized.

Fig. 9. Arrhenius plot of ionization rates of shock-heated xenon.

Fig. 10. Effect of impurities on ionization rates of shock-heated argon.