Erratum: $^{21}\text{Na}(p, \gamma)^{22}\text{Mg}$ Reaction and Oxygen-Neon Novae

[Phys. Rev. Lett. 90, 162501 (2003)]


(Received 1 May 2003; published 4 June 2003)

DOI: 10.1103/PhysRevLett.90.229902 PACS numbers: 26.30.+k, 25.40.Lw, 25.60.–t, 27.30.+t, 99.10.Cd

We report here corrections to our Letter [1], the results and conclusions of which are otherwise unaffected by these corrections.

Appearing on page 1 of our Letter, the statement “Traditionally, they have been identified by low $^{20}\text{Ne}/^{22}\text{Ne}$ ratios (where $^{22}\text{Ne}$ is attributed to \textit{in situ} $^{22}\text{Ne}$ decay)” should instead read, with the parenthetic statement “(where $^{22}\text{Ne}$ is attributed to \textit{in situ} $^{22}\text{Na}$ decay).”

Reported on page 2, the total number of $^{21}\text{Na}$ atoms delivered on the gas target for our study was $\sim 10^{14}$, not $\sim 10^{13}$.

Finally, on page 3, the statement “At 4.6 Torr, charge state equilibrium in $\text{H}_2$ gas was measured to be attained within 2 mm” should instead read “At 4.6 Torr, charge state equilibrium in $\text{H}_2$ gas was measured to be attained within 4.4 mm.”