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Erratum to: Compact bifluid hybrid stars: hadronic matter mixed with self-interacting fermionic asymmetric dark matter

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In the original publication of the article on p. 3 first paragraph a_v was not correctly displayed. Correct form of the paragraph:

The calculations are performed using the values of the saturation density $\rho_0 = 0.1533$ fm^{-3} [42] and the saturation energy per nucleon $\epsilon_0 = -15.26$ MeV [43] for the SNM obtained from the coefficient of the volume term of the Bethe–Weizsäcker mass formula which is evaluated by fitting the recent experimental and estimated atomic mass excesses from the Audi–Wapstra–Thibault atomic mass table [44] by minimizing the mean square deviation incorporating correction for the electronic binding energy [45]. In a similar recent work, addressing the surface symmetry energy term, the Wigner term, the shell correction and the proton form factor correction to the Coulomb energy, the a_v turns out to be 15.4496 MeV and when the A^0 and $A^{1/3}$ terms are also included it becomes 14.8497 MeV [46]. Using the usual values of $\alpha = 0.005$ MeV^{-1} for the parameter of the energy dependence of the zero range potential and $n = 2/3$, the values obtained for the constants of density dependence C and β and the SNM incompressibility K_∞ are 2.2497, 1.5934 fm^2 and 274.7 MeV, respectively. The saturation energy per nucleon is the volume energy coefficient and the value of -15.26 ± 0.52 MeV covers, more or less, the entire range of values obtained for a_v for which now we have the values of $C = 2.2497 \pm 0.0420$, $\beta = 1.5934 \pm 0.0085$ fm^2 and the SNM incompressibility $K_\infty = 274.7 \pm 7.4$ MeV.

The original article has been corrected.

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