ERRATUM

Neutrino-Electron Elastic Scattering and Stellar Energy Loss Through Electron-Positron Pair Annihilation in the Magnetic Model.

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On p. 847, eq. (18), eq. (19), eq. (20) and eq. (21) should be

$$\sigma_{\text{tot}} = \frac{K_\nu^2}{2\pi s^2 (s-4m^2)} \left\{ \frac{e^2}{6}[2t^3 + 3t^2(s-2m^2) + 6(m^4 - sm^2)t] - \right.$$
$$\left. - emK_e s^2 t - \frac{s}{12} K_e^2 [3s^2 t + 6st^2 + 4t^3 - 12m^2t^2 + 12m^2 t] \right\} \Bigg|_{t_{\min}}^{t_{\max}} . \tag{18}$$

$$\sigma = \frac{K_\nu^2}{12\pi E_+ E_- v} \{2e^2m^2 + 2m^4K_e^2 + 6em^3K_e +$$
$$+ (e^2 + 6emK_e + 6m^2K_e^2)p_1p_2 + K_e^2(p_1p_2)^2\} . \tag{19}$$

$$Q = \frac{4}{(2\pi)^6} \int \frac{d^3\boldsymbol{p}_-}{\exp[(E_- - \mu)/kT] + 1} \frac{d^3\boldsymbol{p}_+}{\exp[(E_+ + \mu)/kT] + 1} (E_+ + E_-) v\sigma . \tag{20}$$

$$Q_{\text{I}}^{\text{mag}} = \frac{K_\nu^2 m^7}{4\pi^4} (e^2 + 3m^2K_e^2 + 4emK_e) \left(\frac{kT}{m}\right)^3 \exp\left[\frac{-2m}{kT}\right] . \tag{21}$$

On. p. 848, eq. (22) and eq. (26) should be

$$Q_{\text{II}}^{\text{mag}} = \frac{K_\nu^2 \sqrt{2\pi}\, m^4}{4\pi^3} (e^2 + 3m^2K_e^2 + 4emK_e) \left(\frac{kT}{m}\right)^{3/2} \left(\frac{N_\rho}{\mu_e}\right) \exp\left[\frac{-m-\mu}{kT}\right] , \tag{22}$$

$$\frac{Q_{\text{I, II}}^{\text{mag}}}{Q_{\text{I, II}}^{\text{stand}}} = \frac{K_e^2(e^2 + 3m^2K_e^2 + 4emK_e)}{4G^2C_V^2m^2} . \tag{26}$$

On p. 848, in conclusion

$$K_\nu^2(e^2 + K_e^2 + 3m^2K_e^2 + 4emK_e)/4G^2C_V^2m^2$$

should be

$$K_\nu^2(e^2 + 3m^2K_e^2 + 4emK_e)/4G^2C_V^2m^2 .$$