INVARIANCE OF THE SPECTRUM (^{8}B)

- DOPPLER SHIFTS

- GRAVITATIONAL REDSHIFT

$$\mathrm{P}_\odot(E) \;=\; \mathrm{P}_{\mathrm{lab}}\left(E(1+\phi)\right)\left[1+\Theta\left(\frac{kT}{Mc^2}\right)\right]$$

$$\uparrow$$

$$10^{-6}$$

$$\phi\left(0.05\mathrm{R}_\odot\right) \;=\; -1\times 10^{-5}$$

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