

$$Y_B = \frac{n_B - \bar{n}_B}{s} \approx \frac{n_B}{s} = \begin{cases} (7.3 \pm 2.5) \times 10^{-11}, \text{BBN} \\ (9.2 \pm 1.1) \times 10^{-11}, \text{WMAP} \\ (8.59 \pm 0.11) \times 10^{-11}, \text{Planck}. \end{cases}$$