| WMAP Cosmological Parameters | | | |
|---|---|---|---|
| Model: lcdm+sz+lens+iso1 | | | |
| Data: wmap7+bao+h0 | | | |
| $10^2\Omega_b h^2$ | $2.269^{+0.053}_{-0.054}$ | $1-n_s$ | $0.028 \pm 0.013$ |
| $1-n_s$ | $0.0017 < 1-n_s < 0.0526$ (95% CL) | $A_{\rm BAO}(z=0.35)$ | $0.463 \pm 0.011$ |
| $\alpha_{-1}$ | $< 0.0047$ (95% CL) | $C_{220}$ | $5762^{+36}_{-37}$ |
| $d_A(z_{\rm eq})$ | $14219^{+129}_{-128}$ Mpc | $d_A(z_*)$ | $14054^{+130}_{-129}$ Mpc |
| $\Delta^2_{\mathcal{R}}$ | $(2.358^{+0.100}_{-0.098}) \times 10^{-9}$ | $h$ | $0.713 \pm 0.014$ |
| $H_0$ | $71.3 \pm 1.4$ km/s/Mpc | $k_{\rm eq}$ | $0.00983 \pm 0.00026$ |
| $\ell_{\rm eq}$ | $138.1^{+2.5}_{-2.6}$ | $\ell_*$ | $301.90^{+0.84}_{-0.82}$ |
| $n_s$ | $0.972 \pm 0.013$ | $\Omega_b$ | $0.0447 \pm 0.0016$ |
| $\Omega_b h^2$ | $0.02269^{+0.00053}_{-0.00054}$ | $\Omega_c$ | $0.221 \pm 0.014$ |
| $\Omega_c h^2$ | $0.1119^{+0.0034}_{-0.0035}$ | $\Omega_\Lambda$ | $0.734 \pm 0.015$ |
| $\Omega_m$ | $0.266 \pm 0.015$ | $\Omega_m h^2$ | $0.1346^{+0.0035}_{-0.0036}$ |
| $r_{\rm hor}(z_{\rm dec})$ | $284.8 \pm 1.9$ Mpc | $r_s(z_d)$ | $152.7 \pm 1.3$ Mpc |
| $r_s(z_d)/D_v(z=0.2)$ | $0.1923^{+0.0038}_{-0.0039}$ | $r_s(z_d)/D_v(z=0.35)$ | $0.1153^{+0.0020}_{-0.0021}$ |
| $r_s(z_*)$ | $146.2 \pm 1.1$ Mpc | $R$ | $1.719 \pm 0.010$ |
| $\sigma_8$ | $0.811 \pm 0.024$ | $A_{\rm SZ}$ | $0.95^{+0.68}_{-0.95}$ |
| $t_0$ | $13.69^{+0.12}_{-0.11}$ Gyr | $\tau$ | $0.085^{+0.014}_{-0.013}$ |
| $\theta_*$ | $0.010406^{+0.000028}_{-0.000029}$ | $\theta_*$ | $0.5962^{+0.0016}_{-0.0017}$ $^\circ$ |
| $t_*$ | $378115^{+3204}_{-3124}$ yr | $z_{\rm dec}$ | $1088.1 \pm 1.1$ |
| $z_d$ | $1020.6 \pm 1.3$ | $z_{\rm eq}$ | $3224^{+85}_{-87}$ |
| $z_{\rm reion}$ | $10.2^{+1.2}_{-1.1}$ | $z_*$ | $1090.73^{+0.68}_{-0.69}$ |