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1 Baseline model

	CamSpecHM_TT_lowl_lowE		CamSpecHM_TE_lowE		CamSpecHM_EE_lowE		CamSpecHM_TTTEEE_lowl_lowE	
Parameter	Best fit	68% limits	Best fit	68% limits	Best fit	68% limits	Best fit	68% limits
$\Omega_b h^2$	0.022132	0.02214 ± 0.00022	0.022470	0.02248 ± 0.00026	0.02320	0.0233 ± 0.0012	0.022297	0.02229 ± 0.00016
$\Omega_c h^2$	0.12049	0.1205 ± 0.0021	0.11696	0.1169 ± 0.0021	0.11965	0.1192 ± 0.0047	0.11956	0.1196 ± 0.0014
$100\theta_{\text{MC}}$	1.040846	1.04084 ± 0.00048	1.04140	1.04141 ± 0.00051	1.03933	1.03928 ± 0.00087	1.040870	1.04088 ± 0.00032
τ	0.0519	0.0521 ± 0.0080	0.0518	0.0504 ± 0.0088	0.0500	0.0504 ± 0.0088	0.0531	0.0528 ± 0.0080
$\ln(10^{10} A_s)$	3.0384	3.039 ± 0.016	3.0345	3.031 ± 0.021	3.0583	3.058 ± 0.022	3.0390	3.039 ± 0.016
n_s	0.9639	0.9638 ± 0.0058	0.9781	0.978 ± 0.011	0.9650	0.967 ± 0.014	0.96623	0.9658 ± 0.0045
H_0	66.96	66.98 ± 0.92	68.68	68.72 ± 0.93	67.63	67.9 ± 2.6	67.43	67.41 ± 0.62
Ω_Λ	0.6805	0.680 ± 0.013	0.7030	0.703 ± 0.012	0.6863	$0.687^{+0.035}_{-0.028}$	0.6866	0.6861 ± 0.0085
Ω_m	0.3195	0.320 ± 0.013	0.2970	0.297 ± 0.012	0.3137	$0.313^{+0.028}_{-0.035}$	0.3134	0.3139 ± 0.0085
$\Omega_m h^2$	0.14327	0.1432 ± 0.0020	0.14007	0.1400 ± 0.0020	0.14350	0.1431 ± 0.0038	0.14250	0.1426 ± 0.0013
$\Omega_m h^3$	0.095935	0.09593 ± 0.00045	0.09620	0.09622 ± 0.00054	0.09705	$0.0971^{+0.0015}_{-0.0017}$	0.096089	0.09610 ± 0.00031
σ_8	0.8110	0.8110 ± 0.0089	0.8009	0.799 ± 0.012	0.8108	$0.809^{+0.019}_{-0.017}$	0.8082	0.8083 ± 0.0076
S_8	0.8370	0.837 ± 0.024	0.7968	0.795 ± 0.025	0.829	0.825 ± 0.058	0.8261	0.827 ± 0.016
$\sigma_8 \Omega_m^{0.25}$	0.6098	0.610 ± 0.012	0.5912	0.590 ± 0.013	0.6068	0.604 ± 0.028	0.6047	0.6050 ± 0.0083
z_{re}	7.50	$7.49^{+0.83}_{-0.75}$	7.36	$7.18^{+0.93}_{-0.75}$	7.06	$7.06^{+0.90}_{-0.76}$	7.56	$7.52^{+0.83}_{-0.75}$
$10^9 A_s$	2.0872	2.089 ± 0.034	2.0790	2.072 ± 0.042	2.1292	2.130 ± 0.046	2.0884	2.088 ± 0.034
$10^9 A_s e^{-2\tau}$	1.8813	1.882 ± 0.014	1.8744	1.873 ± 0.019	1.9264	1.925 ± 0.024	1.8780	1.879 ± 0.011
Age/Gyr	13.8257	13.825 ± 0.037	13.7598	13.757 ± 0.039	13.760	13.75 ± 0.14	13.8046	13.805 ± 0.025
z_*	1090.266	1090.26 ± 0.41	1089.531	1089.51 ± 0.42	1088.88	$1088.8^{+1.6}_{-1.8}$	1089.976	1089.99 ± 0.28
r_*	144.485	144.49 ± 0.48	145.146	145.15 ± 0.50	143.89	143.94 ± 0.66	144.600	144.58 ± 0.31
$100\theta_*$	1.041053	1.04105 ± 0.00047	1.04158	1.04158 ± 0.00050	1.03943	1.03937 ± 0.00084	1.041058	1.04107 ± 0.00031
z_{drag}	1059.437	1059.43 ± 0.45	1059.93	1059.98 ± 0.55	1061.80	1061.9 ± 2.3	1059.742	1059.73 ± 0.33
r_{drag}	147.225	147.23 ± 0.48	147.79	147.79 ± 0.52	146.27	146.31 ± 0.69	147.288	147.27 ± 0.31
k_D	0.14054	0.14054 ± 0.00052	0.14021	0.14021 ± 0.00060	0.14235	0.1423 ± 0.0012	0.140603	0.14061 ± 0.00034
z_{eq}	3408.3	3408 ± 48	3331.9	3331 ± 48	3414	3405 ± 90	3390.0	3392 ± 31
k_{eq}	0.010403	0.01040 ± 0.00015	0.010169	0.01017 ± 0.00014	0.010419	0.01039 ± 0.00027	0.010347	0.010352 ± 0.000095
$100\theta_{\text{s,eq}}$	0.44861	0.4487 ± 0.0046	0.45633	0.4565 ± 0.0047	0.4482	0.4492 ± 0.0091	0.45045	0.4503 ± 0.0030
f_{2000}^{143}	31.12	30.8 ± 3.0			30.03	29.8 ± 2.8		
f_{2000}^{217}	107.60	107.6 ± 2.0			106.72	106.9 ± 1.9		
$f_{2000}^{143 \times 217}$	32.96	33.0 ± 2.1			32.23	32.2 ± 2.0		

2 Alens

	CamSpecHM_TT_lowl_lowE		CamSpecHM_TE_lowE		CamSpecHM_EE_lowE		CamSpecHM_TTTEEE_lowl_lowE	
Parameter	Best fit	68% limits	Best fit	68% limits	Best fit	68% limits	Best fit	68% limits
$\Omega_b h^2$	0.022700	0.02263 ± 0.00029	0.022329	0.02238 ± 0.00039	0.02349	0.0236 ± 0.0013	0.022542	0.02251 ± 0.00019
$\Omega_c h^2$	0.11620	0.1164 ± 0.0025	0.11774	0.1174 ± 0.0026	0.11795	$0.1177^{+0.0046}_{-0.0052}$	0.11776	0.1179 ± 0.0016
$100\theta_{\text{MC}}$	1.04149	1.04144 ± 0.00054	1.04130	1.04137 ± 0.00053	1.03926	1.03932 ± 0.00086	1.041089	1.04108 ± 0.00033
τ	0.0502	$0.0503^{+0.0087}_{-0.0076}$	0.0504	0.0500 ± 0.0090	0.0509	0.0505 ± 0.0089	0.0508	$0.0496^{+0.0083}_{-0.0073}$
A_L	1.270	$1.246^{+0.092}_{-0.10}$	0.890	$0.93^{+0.21}_{-0.24}$	1.136	$1.16^{+0.22}_{-0.25}$	1.155	1.149 ± 0.072
$\ln(10^{10} A_s)$	3.0260	$3.026^{+0.019}_{-0.016}$	3.0276	3.027 ± 0.023	3.0595	3.059 ± 0.022	3.0309	$3.028^{+0.017}_{-0.015}$
n_s	0.9776	0.9756 ± 0.0073	0.9689	0.973 ± 0.021	0.9702	0.972 ± 0.015	0.9725	0.9713 ± 0.0051
H_0	69.18	69.0 ± 1.2	68.25	68.4 ± 1.3	68.45	68.7 ± 2.9	68.35	68.28 ± 0.73
Ω_Λ	0.7084	$0.707^{+0.016}_{-0.014}$	0.6979	$0.700^{+0.016}_{-0.015}$	0.6967	$0.697^{+0.037}_{-0.028}$	0.6983	0.6973 ± 0.0095
Ω_m	0.2916	$0.293^{+0.014}_{-0.016}$	0.3021	0.300 ± 0.016	0.3033	$0.303^{+0.028}_{-0.037}$	0.3017	0.3027 ± 0.0095
$\Omega_m h^2$	0.13955	0.1397 ± 0.0023	0.14072	0.1404 ± 0.0023	0.14209	$0.1420^{+0.0036}_{-0.0042}$	0.14095	0.1410 ± 0.0014
$\Omega_m h^3$	0.09654	0.09640 ± 0.00050	0.09604	0.09610 ± 0.00064	0.09726	$0.0975^{+0.0017}_{-0.0019}$	0.096334	0.09629 ± 0.00034
σ_8	0.7937	0.794 ± 0.011	0.7986	0.798 ± 0.012	0.8057	0.804 ± 0.019	0.8000	0.7988 ± 0.0085
S_8	0.7825	0.785 ± 0.029	0.8013	0.798 ± 0.027	0.810	$0.807^{+0.056}_{-0.065}$	0.8023	0.802 ± 0.019
$\sigma_8 \Omega_m^{0.25}$	0.5833	0.584 ± 0.015	0.5920	0.591 ± 0.013	0.5979	0.596 ± 0.029	0.5929	0.5925 ± 0.0098
z_{re}	7.14	$7.13^{+0.93}_{-0.72}$	7.25	$7.17^{+0.94}_{-0.78}$	7.07	6.97 ± 0.88	7.25	$7.11^{+0.89}_{-0.71}$
$10^9 A_s$	2.0614	$2.062^{+0.038}_{-0.034}$	2.0647	2.064 ± 0.048	2.1316	2.132 ± 0.047	2.0716	2.065 ± 0.035
$10^9 A_s e^{-2\tau}$	1.8643	1.864 ± 0.014	1.8667	1.867 ± 0.025	1.9254	1.927 ± 0.025	1.8715	1.870 ± 0.012
Age/Gyr	13.730	13.740 ± 0.050	13.780	13.771 ± 0.057	13.725	13.71 ± 0.16	13.7653	13.769 ± 0.031
z_*	1089.18	1089.29 ± 0.53	1089.77	1089.69 ± 0.66	1088.40	$1088.3^{+1.6}_{-2.0}$	1089.509	1089.56 ± 0.34
r_*	145.17	145.18 ± 0.53	145.05	145.10 ± 0.52	144.10	144.06 ± 0.67	144.881	144.88 ± 0.33
$100\theta_*$	1.04165	1.04161 ± 0.00052	1.04150	1.04155 ± 0.00052	1.03933	1.03938 ± 0.00083	1.041265	1.04125 ± 0.00033
z_{drag}	1060.43	1060.27 ± 0.56	1059.67	1059.77 ± 0.80	1062.34	1062.6 ± 2.5	1060.162	1060.10 ± 0.38
r_{drag}	147.74	147.77 ± 0.50	147.74	147.77 ± 0.52	146.40	146.32 ± 0.71	147.495	147.50 ± 0.32
k_D	0.14043	0.14034 ± 0.00051	0.14016	0.14015 ± 0.00061	0.14241	0.1425 ± 0.0013	0.140571	0.14054 ± 0.00034
z_{eq}	3319	3322 ± 55	3347	3341 ± 56	3380	3377^{+86}_{-100}	3352.8	3355 ± 34
k_{eq}	0.010131	0.01014 ± 0.00017	0.010216	0.01020 ± 0.00017	0.010316	$0.01031^{+0.00026}_{-0.00031}$	0.010233	0.01024 ± 0.00010
$100\theta_{s,\text{eq}}$	0.4578	0.4575 ± 0.0056	0.4547	0.4555 ± 0.0056	0.4515	0.4521 ± 0.0097	0.45424	0.4540 ± 0.0034
f_{2000}^{143}	25.22	26 ± 3			26.72	27 ± 3		
f_{2000}^{217}	103.32	104.3 ± 2.4			104.43	105.1 ± 2.1		
$f_{2000}^{143 \times 217}$	28.50	29.2 ± 2.6			29.81	30.0 ± 2.2		