National Aeronautics and Space Administration

Goddard Space Flight Center

Sciences and Exploration

Custom Se

LAMBDA - Tools

| Tools | Footprint | CAMB | Conversions | Calculators |

CAMB Results

Output from CAMB

```
=============== CAMB Processing ===============

 WARNING: nu_mass_degeneracies ignored when share_delta_neff
Om_b h^2            =   0.021805
Om_c h^2            =   0.120540
Om_nu h^2           =   0.000000
Om_Lambda           =   0.709500
Om_K                =   0.000000
Om_m (1-Om_K-Om_L)  =   0.290500
100 theta (CosmoMC) =   1.049225
Age of universe/GYr =   13.583
zstar               =   1090.51
r_s(zstar)/Mpc      =   144.75
100*theta           =   1.049555
zdrag               =   1058.48
r_s(zdrag)/Mpc      =   147.60
k_D(zstar) Mpc      =   0.1401
100*theta_D         =   0.162593
z_EQ (if v_nu=1)    =   3401.61
100*theta_EQ        =   0.818272
tau_recomb/Mpc      =   280.46  tau_now/Mpc =  14071.5
 at z =    63.000000      sigma8 (all matter)=  1.76478941E-02
 at z =    31.000000      sigma8 (all matter)=  3.50763872E-02
 at z =    15.000000      sigma8 (all matter)=  6.99276105E-02
 at z =    10.000000      sigma8 (all matter)=  0.10159084
```

Files

| Log/Output | camb_36634424.log |
Scalar Output	camb_36634424_scalcls.dat
Lensed Output	camb_36634424_lensedcls.dat
FITS Output	camb_36634424_scalcls.fits
Transfer Function Output	camb_36634424_transfer_out_z63.dat
	camb_36634424_transfer_out_z31.dat
	camb_36634424_transfer_out_z15.dat
	camb_36634424_transfer_out_z10.dat
Matter/Power Transfer Function Output	camb_36634424_matterpower_z63.dat
	camb_36634424_matterpower_z31.dat
	camb_36634424_matterpower_z15.dat
	camb_36634424_matterpower_z10.dat

Scalar Modes Plots

C_l^{TT} vs. l
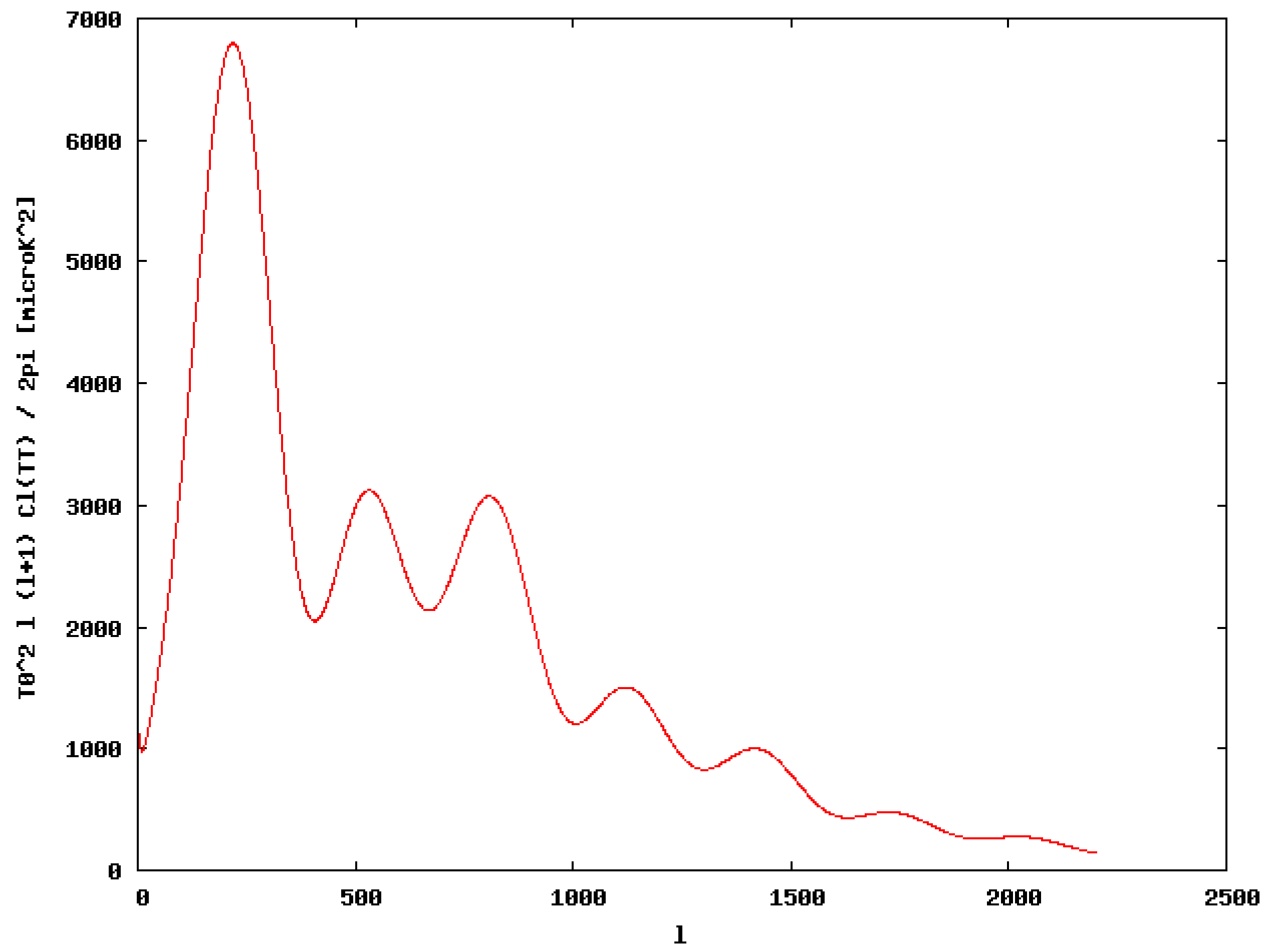
C_l^{TE} vs. l
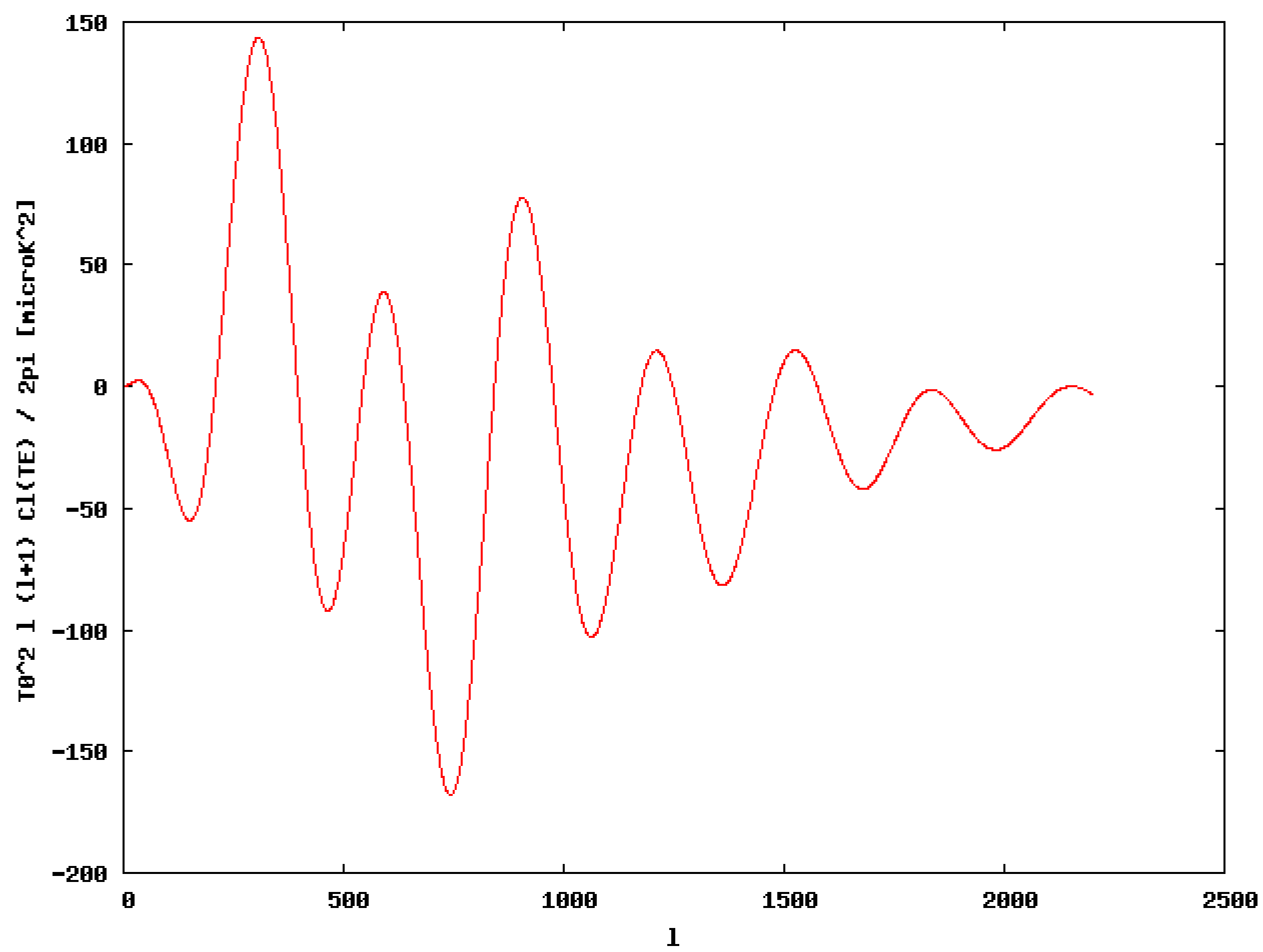
C_l^{EE} vs. l
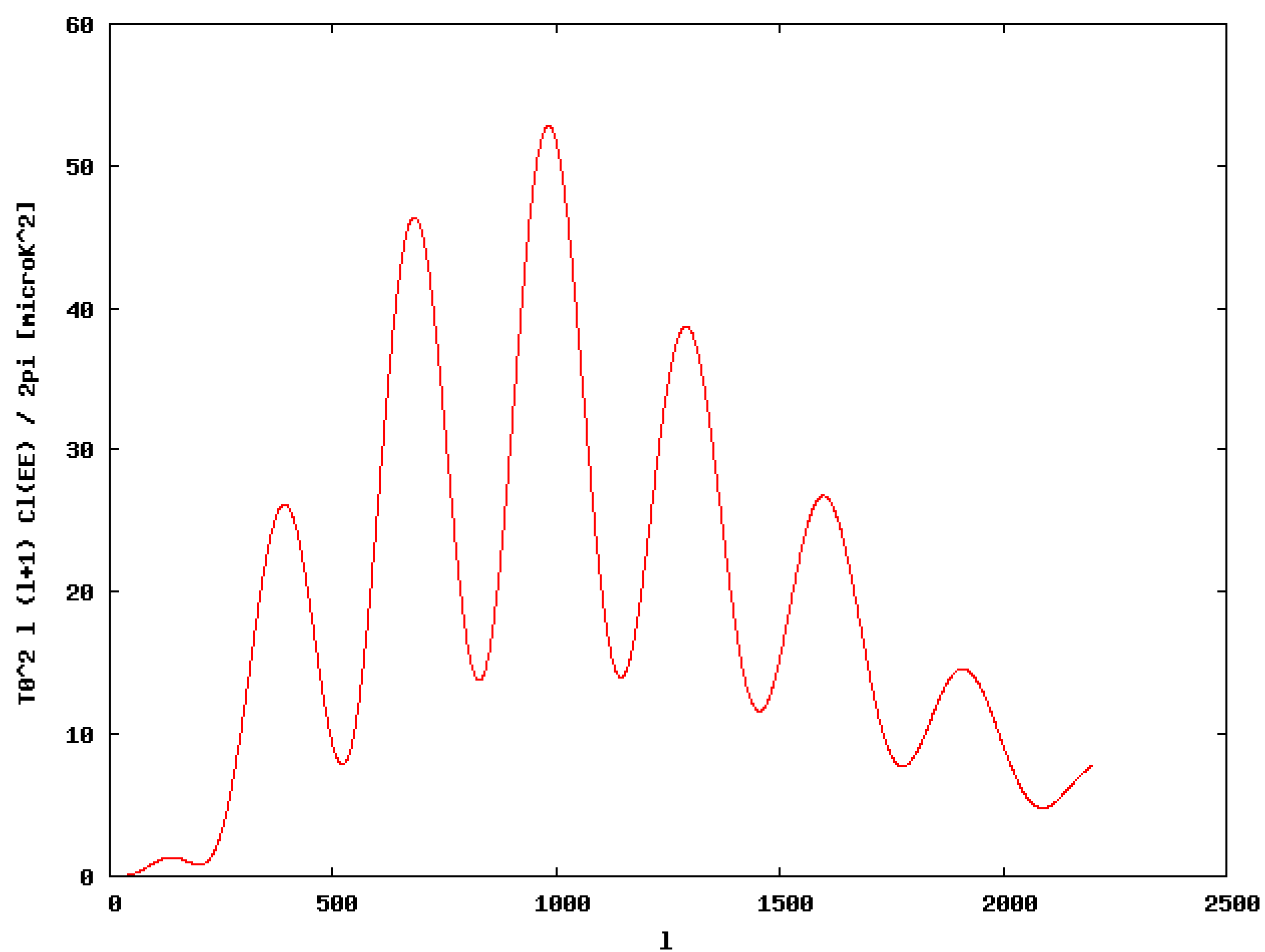
The ordinate axis values are as computed by CAMB without any scaling.

A service of the HEASARC and of the Astrophysics Science Division at NASA/GSFC

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Comments/Feedback

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