

```
Across all four plots:

RSS (converged)=0.13

RSS (initial)=2.034

RSS (% reduction)=0.94

message: Optimization terminated successfully.
success: True
status: 0
fun: 0.12990968507029932
x: [ 1.444e-01  2.113e-06 ...  9.109e+04  1.483e+00]
nit: 731
nfev: 1425
final_simplex: (array([[ 1.444e-01,  2.113e-06, ...,  9.109e+04,
                        1.483e+00],
                        [ 1.444e-01,  2.113e-06, ...,  9.109e+04,
                        1.483e+00],
                        ...,
                        [ 1.444e-01,  2.113e-06, ...,  9.109e+04,
                        1.483e+00],
                        [ 1.444e-01,  2.113e-06, ...,  9.109e+04,
                        1.483e+00]]), array([ 1.299e-01,  1.299e-01, ...,  1.299e-01,  1.299e-01]))

epsilon Initial_guesses Converged
P_b 7.733991e-02 6.710423e-02 1.444441e-01
P_u -7.673503e-08 2.189588e-06 2.112853e-06
K_12 3.602116e+02 1.065381e+03 1.425593e+03
C_pa 4.052631e+08 1.634913e+09 2.040176e+09
A_s -9.030924e+03 1.452100e+04 5.490074e+03
P_r 0.000000e+00 1.285766e+00 1.285766e+00
C_pt 0.000000e+00 1.101671e-02 1.101671e-02
K_t 0.000000e+00 7.228939e-05 7.228939e-05
A_r 0.000000e+00 1.633549e+05 1.633549e+05
P_o 0.000000e+00 1.229728e+00 1.229728e+00
C_pl 0.000000e+00 1.247659e-02 1.247659e-02
K_l 0.000000e+00 2.018275e-06 2.018275e-06
A_o 0.000000e+00 9.109492e+04 9.109492e+04
F_o 0.000000e+00 1.482604e+00 1.482604e+00
```