

```
Across all four plots:

RSS (converged)=0.194

RSS (initial)=2.062

RSS (% reduction)=0.914

message: Optimization terminated successfully.
success: True
status: 0
fun: 0.1937794376948003
x: [ 2.353e-01  2.880e-06 ...  9.109e+04  1.483e+00]
nit: 795
nfev: 1511
final_simplex: (array([[ 2.353e-01,  2.880e-06, ...,  9.109e+04,
                        1.483e+00],
                        [ 2.353e-01,  2.880e-06, ...,  9.109e+04,
                        1.483e+00],
                        ...,
                        [ 2.353e-01,  2.880e-06, ...,  9.109e+04,
                        1.483e+00],
                        [ 2.353e-01,  2.880e-06, ...,  9.109e+04,
                        1.483e+00]]), array([ 1.938e-01,  1.938e-01, ...,  1.938e-01,  1.938e-01]))

epsilon Initial_guesses Converged
P_b 1.681926e-01 6.710423e-02 2.352969e-01
P_u 6.900439e-07 2.189588e-06 2.879632e-06
K_12 8.117037e+02 1.065381e+03 1.877085e+03
C_pa 4.411275e+08 1.634913e+09 2.076040e+09
A_s -9.575103e+03 1.452100e+04 4.945896e+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
```