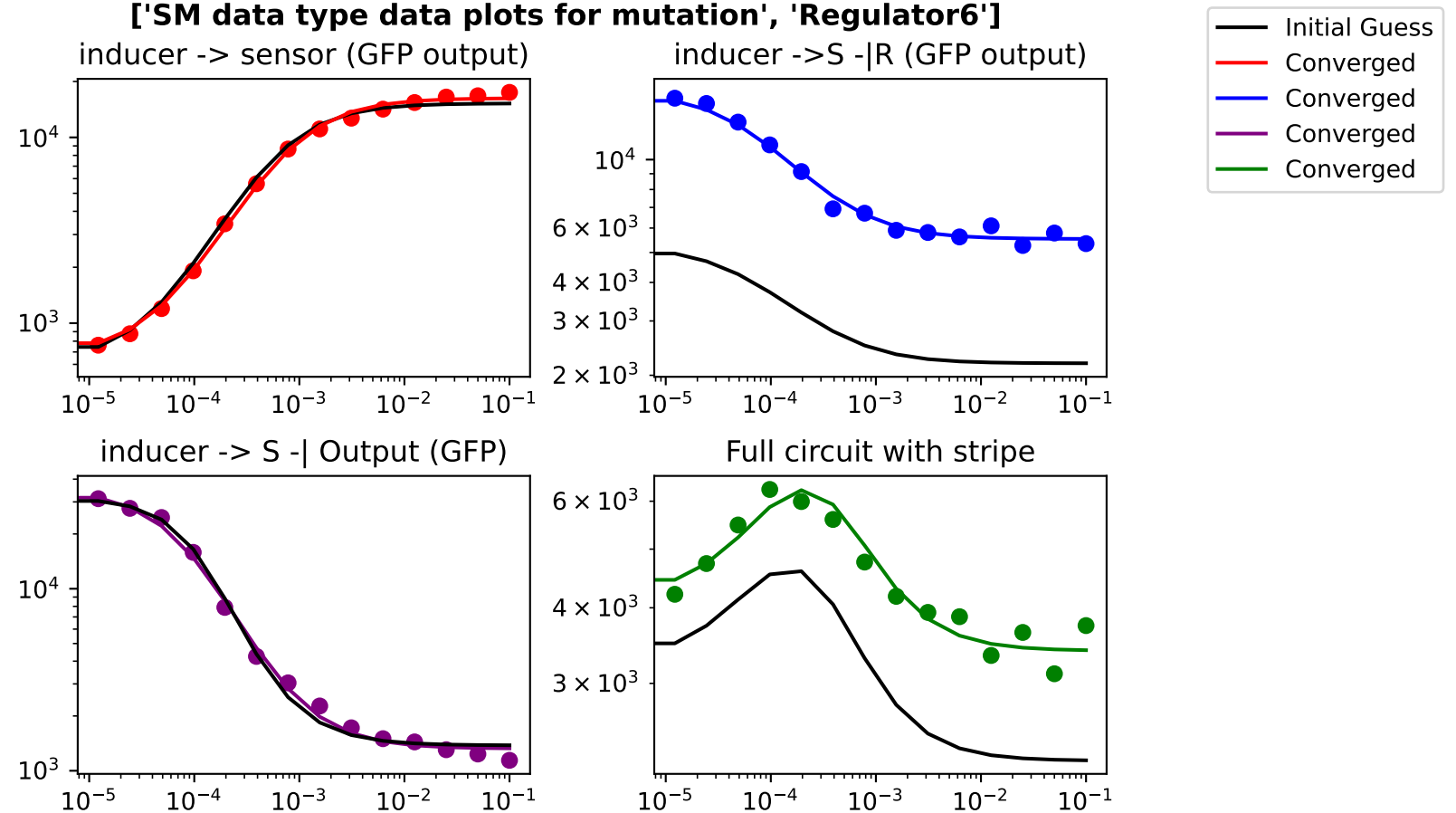

Across all four plots:

RSS (converged)=0.039

RSS (initial)=3.364

RSS (% reduction)=0.988

	epsilon	Initial_guesses	Converged
A_s	55.247146	608.397103	663.644249
B_s	1019.502234	15250.457700	16269.959934
C_s	-379.616280	1668.059050	1288.442770
N_s	-0.022410	1.198934	1.176524
A_r	2222.063640	687.964693	2910.028333
B_r	60743.198995	23497.611400	84240.810395
C_r	-0.033839	0.062367	0.028528
N_r	0.168362	0.391731	0.560093
A_h	-491.321672	590.606548	99.284876
B_h	32373.662215	35287.125700	67660.787915
C_h	0.000896	0.000530	0.001426
A_o	2.773110	0.829830	3.602940
B_o	-0.614368	4.288170	3.673803
C_o	-2.052228	3.133222	1.080994
N_o	-0.538549	1.809018	1.270469

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.03923996247462923
      x: [ 6.636e+02  1.627e+04 ...  1.081e+00  1.270e+00]
    nit: 9129
   nfev: 12176
final_simplex: (array([[ 6.636e+02,  1.627e+04, ...,  1.081e+00,
                         1.270e+00],
                       [ 6.636e+02,  1.627e+04, ...,  1.081e+00,
                         1.270e+00],
                       ...,
                       [ 6.636e+02,  1.627e+04, ...,  1.081e+00,
                         1.270e+00],
                       [ 6.636e+02,  1.627e+04, ...,  1.081e+00,
                         1.270e+00]]), array([ 3.924e-02,  3.924e-02, ...,  3.924e-02,  3.924e-02]))
```