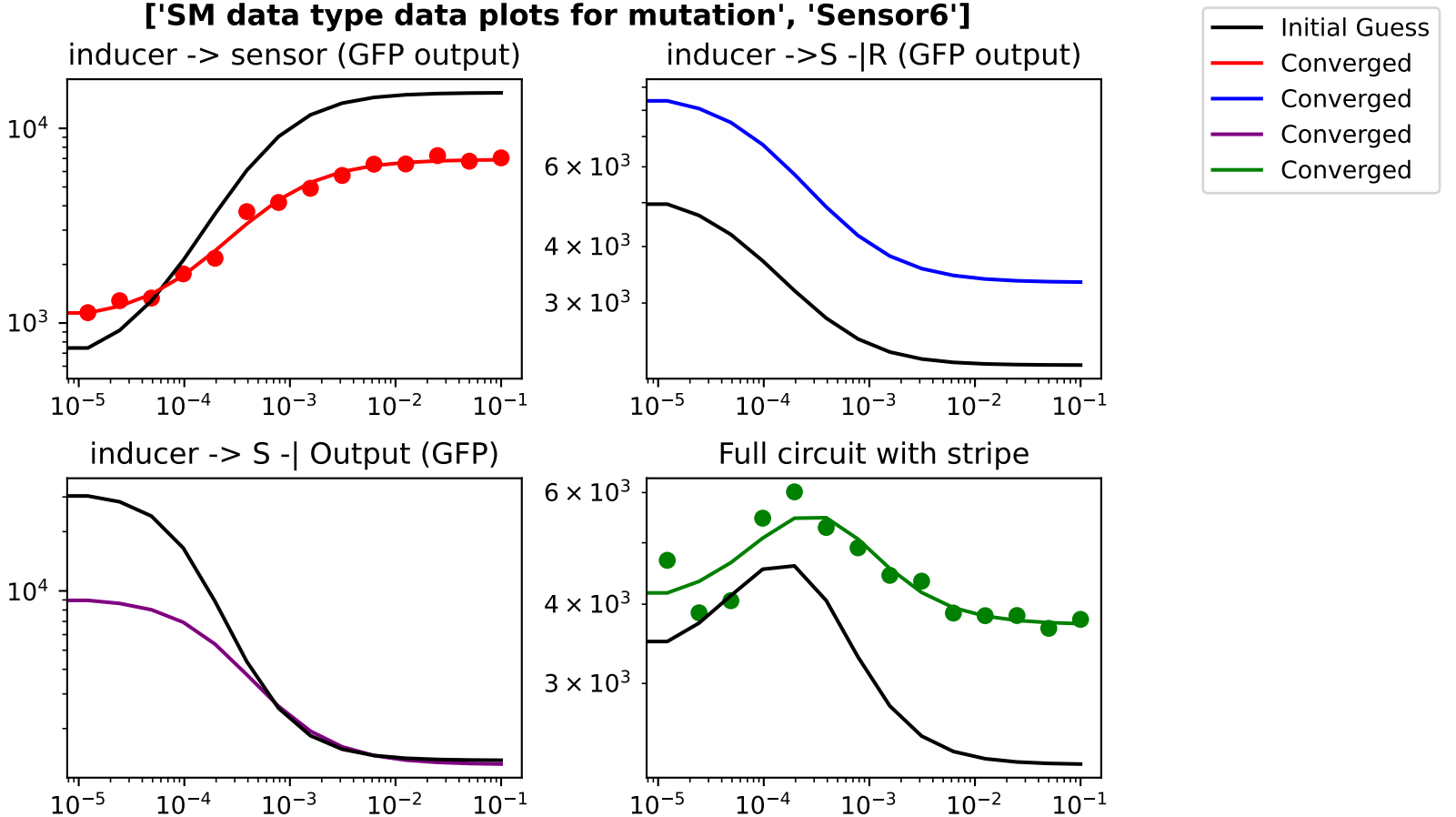

Across all four plots:

RSS (converged)=0.022

RSS (initial)=1.623

RSS (% reduction)=0.987

	epsilon	Initial_guesses	Converged
A_s	427.928881	608.397103	1036.325984
B_s	-8324.374439	15250.457700	6926.083261
C_s	-105.241932	1668.059050	1562.817118
N_s	-0.147679	1.198934	1.051254
A_r	363.137611	687.964693	1051.102304
B_r	3519.053296	23497.611400	27016.664696
C_r	-0.059178	0.062367	0.003189
N_r	0.378657	0.391731	0.770388
A_h	-359.325877	590.606548	231.280671
B_h	-24003.413792	35287.125700	11283.711908
C_h	-0.000062	0.000530	0.000467
A_o	0.344365	0.829830	1.174194
B_o	2.151702	4.288170	6.439872
C_o	-2.122366	3.133222	1.010856
N_o	0.101499	1.809018	1.910518

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.021798546005671444
      x: [ 1.036e+03  6.926e+03 ...  1.011e+00  1.911e+00]
    nit: 10129
   nfev: 13496
final_simplex: (array([[ 1.036e+03,  6.926e+03, ...,  1.011e+00,
                         1.911e+00],
                       [ 1.036e+03,  6.926e+03, ...,  1.011e+00,
                         1.911e+00],
                       ...,
                       [ 1.036e+03,  6.926e+03, ...,  1.011e+00,
                         1.911e+00],
                       [ 1.036e+03,  6.926e+03, ...,  1.011e+00,
                         1.911e+00]]), array([ 2.180e-02,  2.180e-02, ...,  2.180e-02,  2.180e-02]))
```