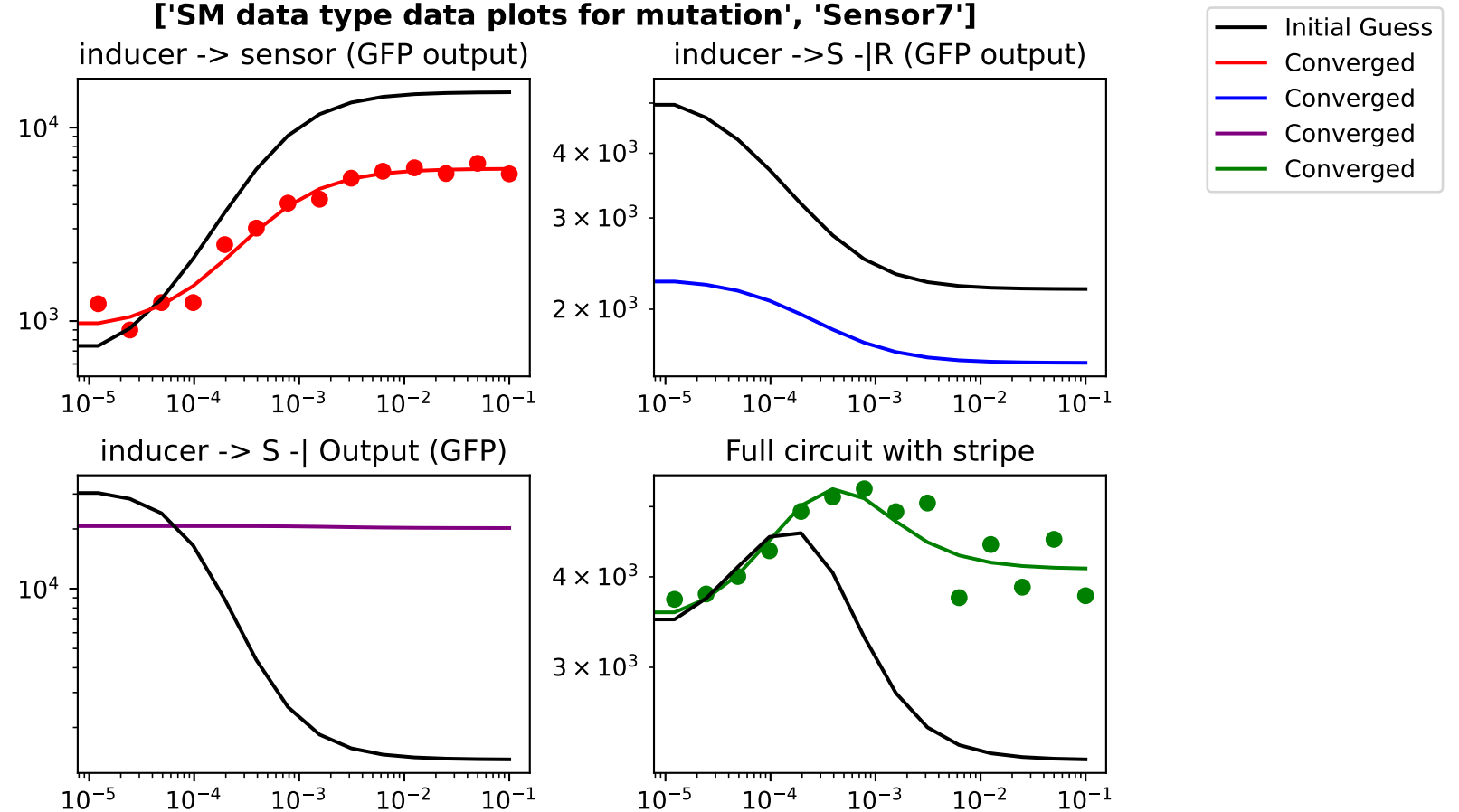

Across all four plots:

RSS (converged)=0.047

RSS (initial)=2.022

RSS (% reduction)=0.977

	epsilon	Initial_guesses	Converged
A_s	300.405481	608.397103	908.802584
B_s	-9115.534766	15250.457700	6134.922934
C_s	18.679785	1668.059050	1686.738835
N_s	-0.074800	1.198934	1.124133
A_r	-540.132732	687.964693	147.831961
B_r	-14293.449889	23497.611400	9204.161511
C_r	0.038689	0.062367	0.101056
N_r	-0.128065	0.391731	0.263666
A_h	797.086150	590.606548	1387.692698
B_h	-16010.782570	35287.125700	19276.343130
C_h	-0.000451	0.000530	0.000079
A_o	-0.694480	0.829830	0.135350
B_o	-2.242443	4.288170	2.045727
C_o	5.268670	3.133222	8.401892
N_o	3.337715	1.809018	5.146734

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.04689118149955576
      x: [ 9.088e+02  6.135e+03 ...  8.402e+00  5.147e+00]
    nit: 27936
   nfev: 36679
final_simplex: (array([[ 9.088e+02,  6.135e+03, ...,  8.402e+00,
                         5.147e+00],
                       [ 9.088e+02,  6.135e+03, ...,  8.402e+00,
                         5.147e+00],
                       ...,
                       [ 9.088e+02,  6.135e+03, ...,  8.402e+00,
                         5.147e+00],
                       [ 9.088e+02,  6.135e+03, ...,  8.402e+00,
                         5.147e+00]]), array([ 4.689e-02,  4.689e-02, ...,  4.689e-02,  4.689e-02]))
```