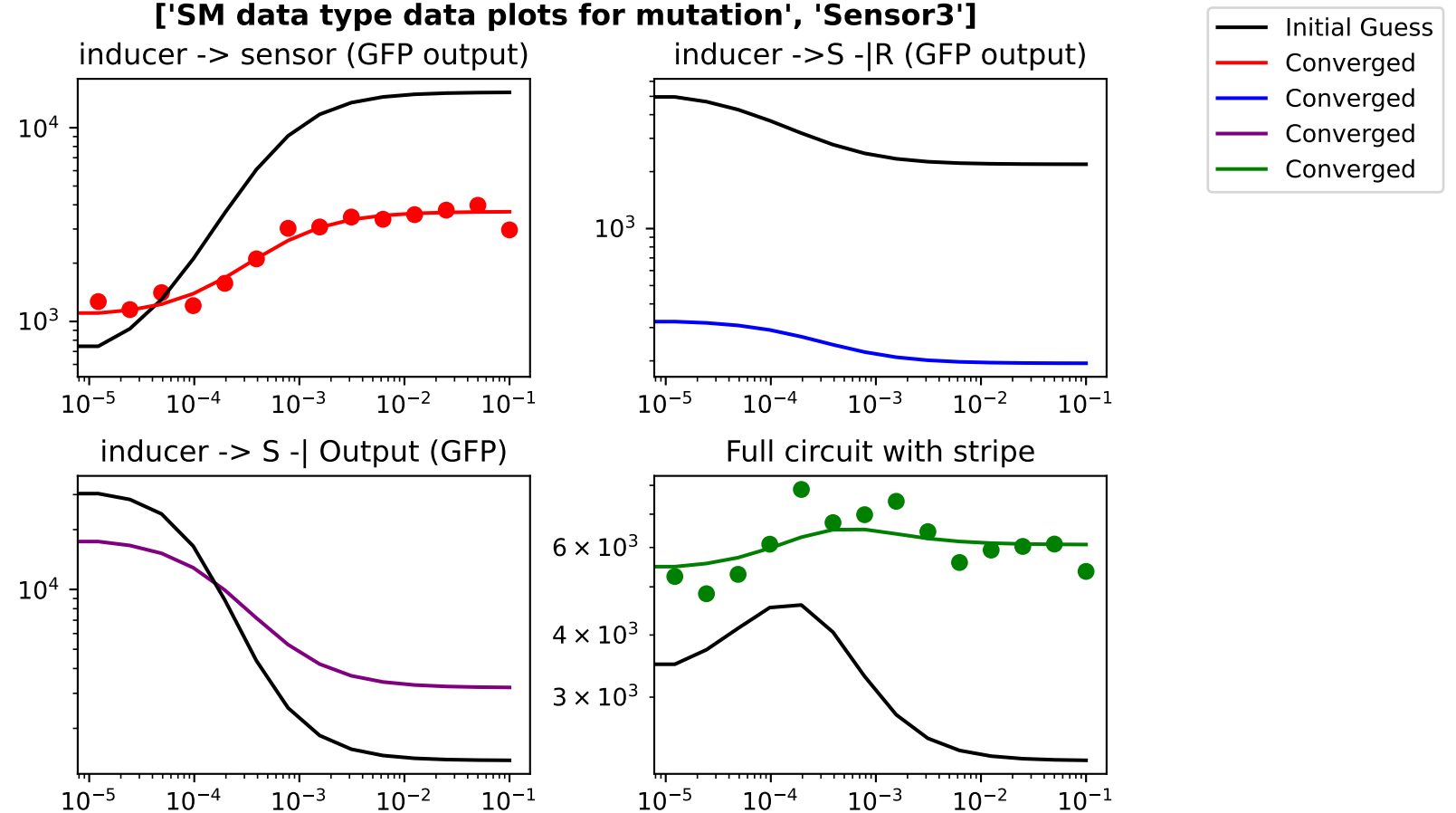

Across all four plots:

RSS (converged)=0.051

RSS (initial)=4.949

RSS (% reduction)=0.99

	epsilon	Initial_guesses	Converged
A_s	461.884631	608.397103	1.070282e+03
B_s	-11560.094693	15250.457700	3.690363e+03
C_s	100.897468	1668.059050	1.768957e+03
N_s	-0.075193	1.198934	1.123740e+00
A_r	-618.413288	687.964693	6.955141e+01
B_r	-21316.028442	23497.611400	2.181583e+03
C_r	-0.040821	0.062367	2.154611e-02
N_r	0.249168	0.391731	6.408994e-01
A_h	-423.191891	590.606548	1.674147e+02
B_h	61787.080184	35287.125700	9.707421e+04
C_h	0.001861	0.000530	2.391297e-03
A_o	-0.829829	0.829830	3.852010e-07
B_o	2.947748	4.288170	7.235918e+00
C_o	21.440992	3.133222	2.457421e+01
N_o	-0.232399	1.809018	1.576620e+00

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.05139578671925756
      x: [ 1.070e+03  3.690e+03 ...  2.457e+01  1.577e+00]
    nit: 22600
   nfev: 29623
final_simplex: (array([[ 1.070e+03,  3.690e+03, ...,  2.457e+01,
                         1.577e+00],
                       [ 1.070e+03,  3.690e+03, ...,  2.457e+01,
                         1.577e+00],
                       ...,
                       [ 1.070e+03,  3.690e+03, ...,  2.457e+01,
                         1.577e+00],
                       [ 1.070e+03,  3.690e+03, ...,  2.457e+01,
                         1.577e+00]]), array([ 5.140e-02,  5.140e-02, ...,  5.140e-02,  5.140e-02]))
```