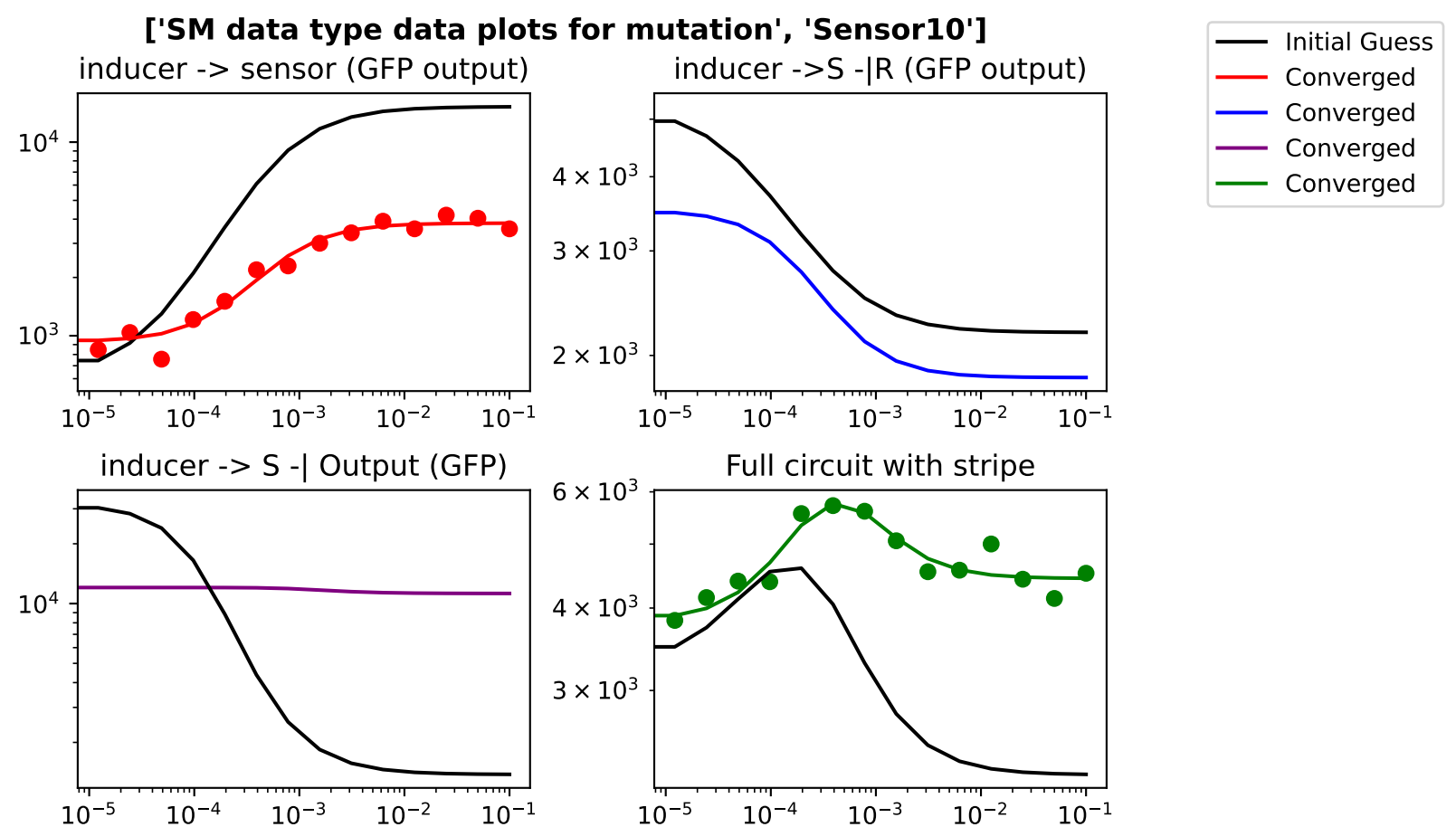

Across all four plots:

RSS (converged)=0.048

RSS (initial)=4.027

RSS (% reduction)=0.988

	epsilon	Initial_guesses	Converged
A_s	322.889725	608.397103	931.286828
B_s	-11433.810426	15250.457700	3816.647274
C_s	-69.491136	1668.059050	1598.567914
N_s	0.134382	1.198934	1.333315
A_r	509.003871	687.964693	1196.968564
B_r	32591.924464	23497.611400	56089.535864
C_r	-0.031416	0.062367	0.030952
N_r	0.543791	0.391731	0.935522
A_h	-153.735683	590.606548	436.870865
B_h	-23679.576268	35287.125700	11607.549432
C_h	-0.000382	0.000530	0.000148
A_o	-0.057275	0.829830	0.772554
B_o	-3.384600	4.288170	0.903571
C_o	-1.163866	3.133222	1.969356
N_o	2.755299	1.809018	4.564317

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.0478282530572967
      x: [ 9.313e+02  3.817e+03 ...  1.969e+00  4.564e+00]
    nit: 6296
   nfev: 8501
final_simplex: (array([[ 9.313e+02,  3.817e+03, ...,  1.969e+00,
                         4.564e+00],
                       [ 9.313e+02,  3.817e+03, ...,  1.969e+00,
                         4.564e+00],
                       ...,
                       [ 9.313e+02,  3.817e+03, ...,  1.969e+00,
                         4.564e+00],
                       [ 9.313e+02,  3.817e+03, ...,  1.969e+00,
                         4.564e+00]]), array([ 4.783e-02,  4.783e-02, ...,  4.783e-02,  4.783e-02]))
```