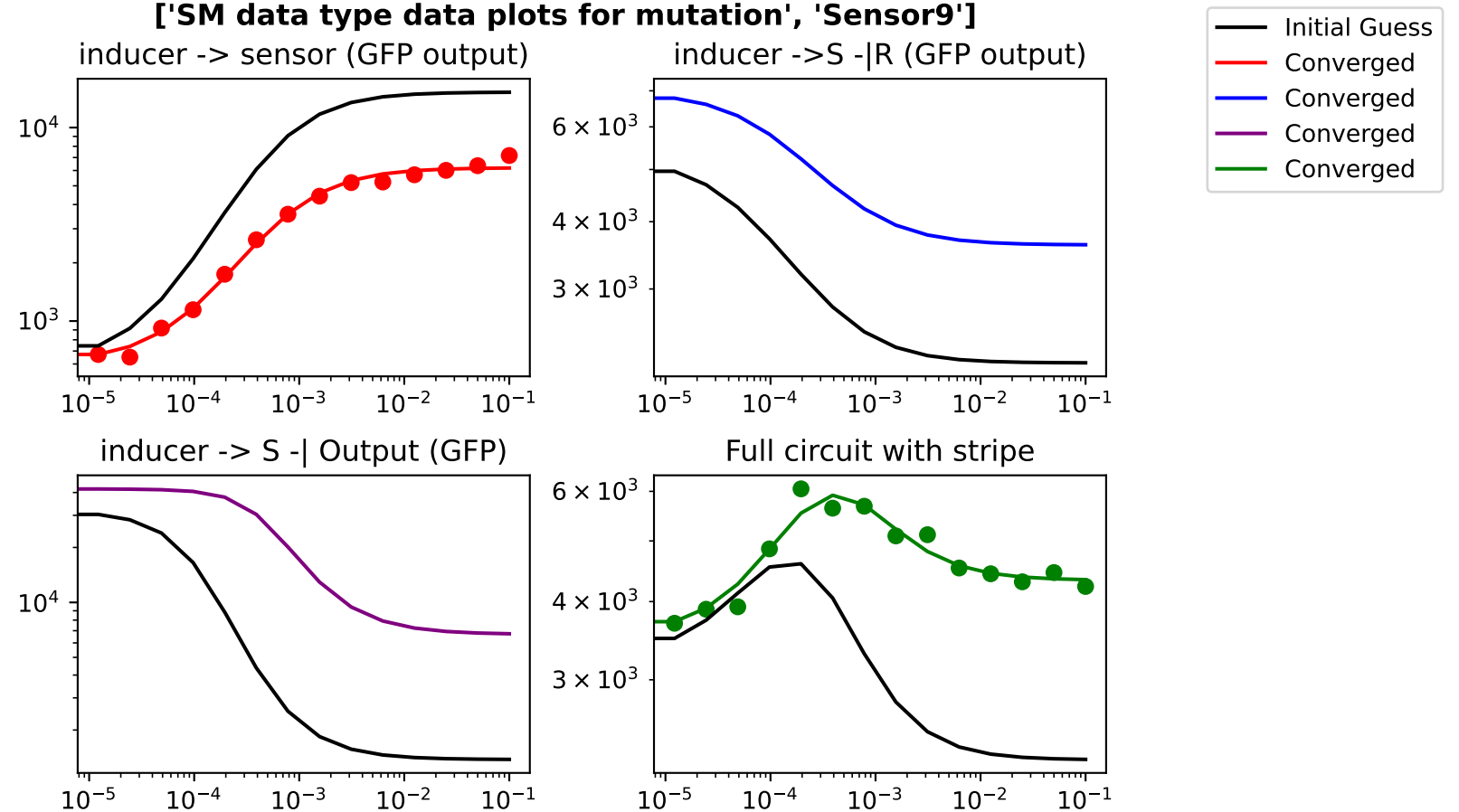

Across all four plots:

RSS (converged)=0.017

RSS (initial)=2.318

RSS (% reduction)=0.993

	epsilon	Initial_guesses	Converged
A_s	5.170337	608.397103	613.567440
B_s	-9049.925105	15250.457700	6200.532595
C_s	-242.422845	1668.059050	1425.636205
N_s	-0.075481	1.198934	1.123452
A_r	80.590339	687.964693	768.555032
B_r	7644.494741	23497.611400	31142.106141
C_r	-0.003626	0.062367	0.058741
N_r	-0.002731	0.391731	0.389000
A_h	64.317328	590.606548	654.923876
B_h	6184.088941	35287.125700	41471.214641
C_h	-0.000238	0.000530	0.000291
A_o	0.194597	0.829830	1.024427
B_o	1.152582	4.288170	5.440752
C_o	-1.111884	3.133222	2.021338
N_o	1.186104	1.809018	2.995123

```
      message: Optimization terminated successfully.
      success: True
       status: 0
          fun: 0.016670191983899553
            x: [ 6.136e+02  6.201e+03 ...  2.021e+00  2.995e+00]
          nit: 7354
         nfev: 9933
final_simplex: (array([[ 6.136e+02,  6.201e+03, ...,  2.021e+00,
                         2.995e+00],
                       [ 6.136e+02,  6.201e+03, ...,  2.021e+00,
                         2.995e+00],
                       ...,
                       [ 6.136e+02,  6.201e+03, ...,  2.021e+00,
                         2.995e+00],
                       [ 6.136e+02,  6.201e+03, ...,  2.021e+00,
                         2.995e+00]]), array([ 1.667e-02,  1.667e-02, ...,  1.667e-02,  1.667e-02]))
```