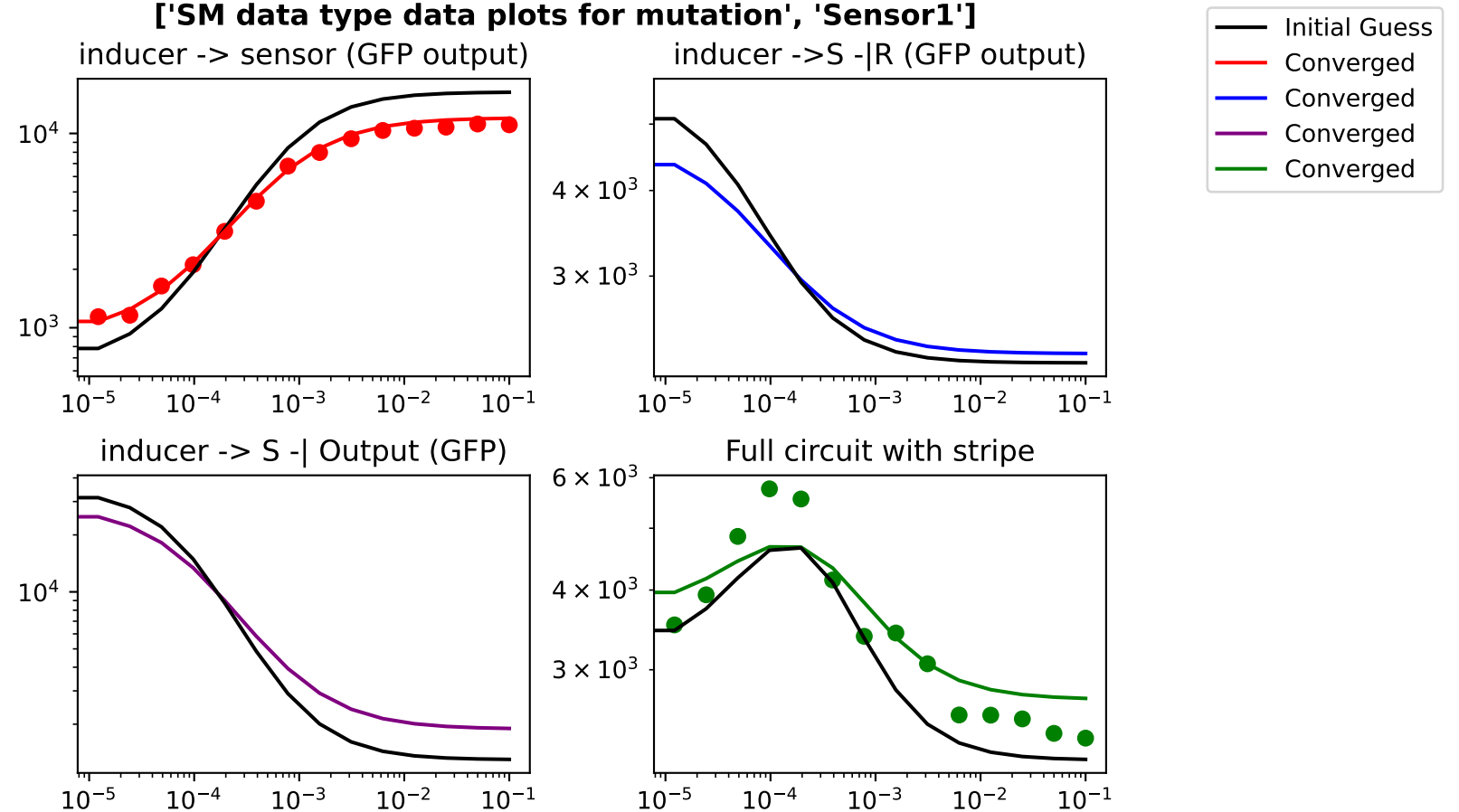

Across all four plots:

RSS (converged)=0.044

RSS (initial)=0.333

RSS (% reduction)=0.884

	epsilon	Initial_guesses	Converged
A_s	249.164864	6.599635e+02	9.091283e+02
B_s	-4295.359778	1.634714e+04	1.205178e+04
C_s	38.983898	1.259256e+03	1.298240e+03
N_s	-0.153206	1.160440e+00	1.007233e+00
A_r	0.000000	1.998310e+03	1.998310e+03
B_r	0.000000	2.040009e+11	2.040009e+11
C_r	0.000000	2.771808e+06	2.771808e+06
N_r	0.000000	8.375226e-01	8.375226e-01
A_h	0.000000	5.477878e-06	5.477878e-06
B_h	0.000000	6.710814e+04	6.710814e+04
C_h	0.000000	1.412943e-03	1.412943e-03
A_o	0.000000	5.414338e+07	5.414338e+07
B_o	0.000000	2.126439e+00	2.126439e+00
C_o	0.000000	2.720605e+00	2.720605e+00
N_o	0.000000	1.250443e+00	1.250443e+00


```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.043582206337717665
      x: [ 9.091e+02  1.205e+04 ...  2.721e+00  1.250e+00]
    nit: 597
   nfev: 1000
final_simplex: (array([[ 9.091e+02,  1.205e+04, ...,  2.721e+00,
                         1.250e+00],
                       [ 9.091e+02,  1.205e+04, ...,  2.721e+00,
                         1.250e+00],
                       ...,
                       [ 9.091e+02,  1.205e+04, ...,  2.721e+00,
                         1.250e+00],
                       [ 9.091e+02,  1.205e+04, ...,  2.721e+00,
                         1.250e+00]]), array([ 4.358e-02,  4.358e-02, ...,  4.358e-02,  4.358e-02]))
```