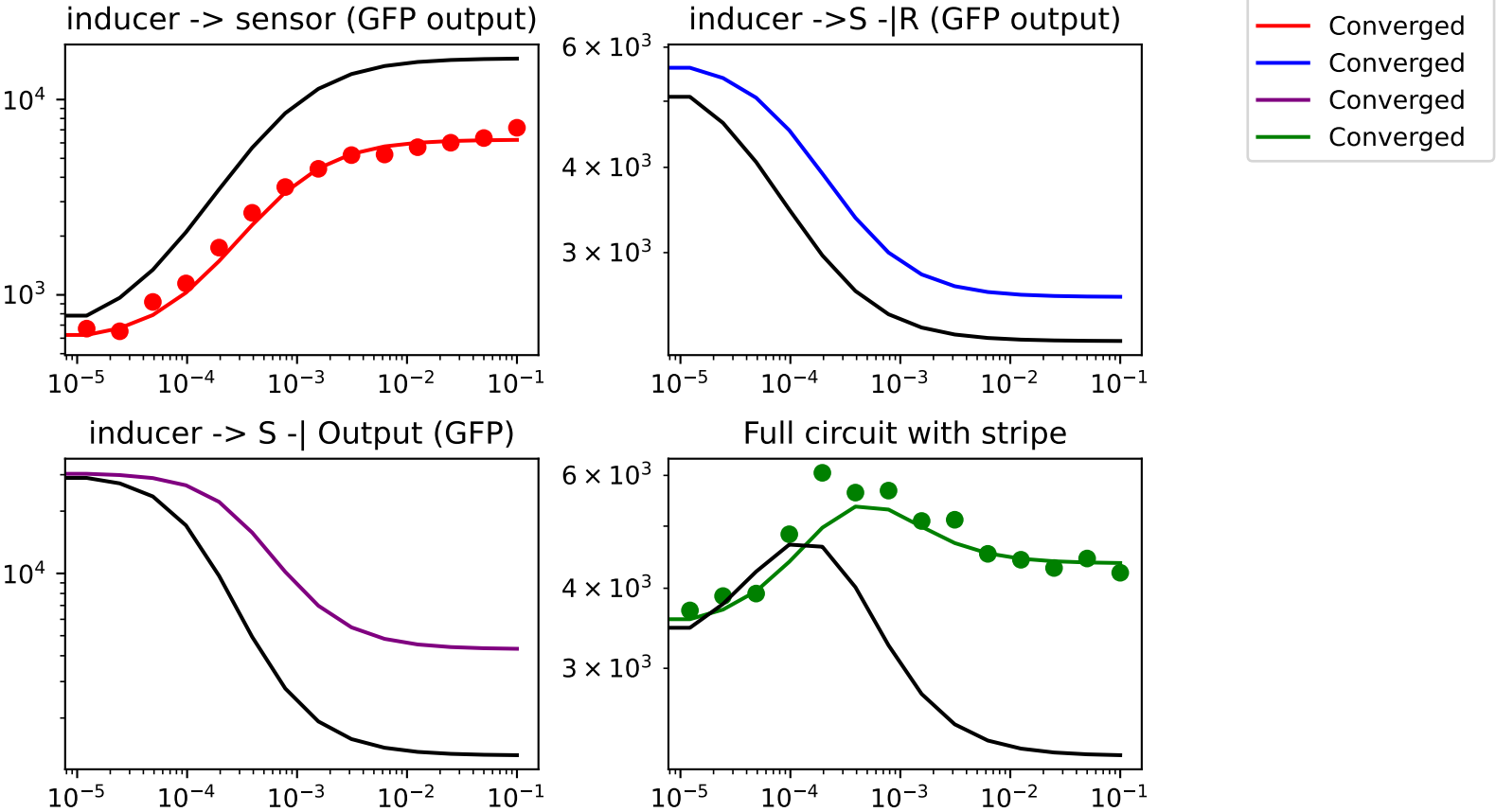


['SM data type data plots for mutation', 'Sensor9', 'using model:', 'model_hill']



Across all four plots:

RSS (converged)=0.04

RSS (initial)=2.383

RSS (% reduction)=0.983

	epsilon	Initial_guesses	Converged
As	-37.343696	618.047086	580.703390
Bs	-10042.942103	16278.856600	6235.914497
Cs	-64.217567	1300.653790	1236.436223
Ns	0.066811	1.096541	1.163352
Ar	0.000000	1916.175610	1916.175610
Br	0.000000	18874.240800	18874.240800
Cr	0.000000	0.009030	0.009030
Nr	0.000000	0.820433	0.820433
Ah	0.000000	683.835638	683.835638
Bh	0.000000	32464.380200	32464.380200
Ch	0.000000	0.000473	0.000473
Fo	0.386467	2.821352	3.207819
Ao	0.000000	0.632148	0.632148
Bo	0.000000	0.972768	0.972768
Co	0.000000	2.640174	2.640174
No	0.000000	1.919339	1.919339

message: Maximum number of iterations has been exceeded.
success: False
status: 2
fun: 0.04036693014251876
x: [5.807e+02 6.236e+03 ... 2.640e+00 1.919e+00]
nit: 100
nfev: 148
final_simplex: (array([[5.807e+02, 6.236e+03, ..., 2.640e+00,
1.919e+00],
[5.875e+02, 6.141e+03, ..., 2.640e+00,
1.919e+00],
...,
[5.744e+02, 6.043e+03, ..., 2.640e+00,
1.919e+00],
[5.882e+02, 7.065e+03, ..., 2.640e+00,
1.919e+00]]), array([4.037e-02, 4.073e-02, ..., 5.042e-02, 5.077e-02]))