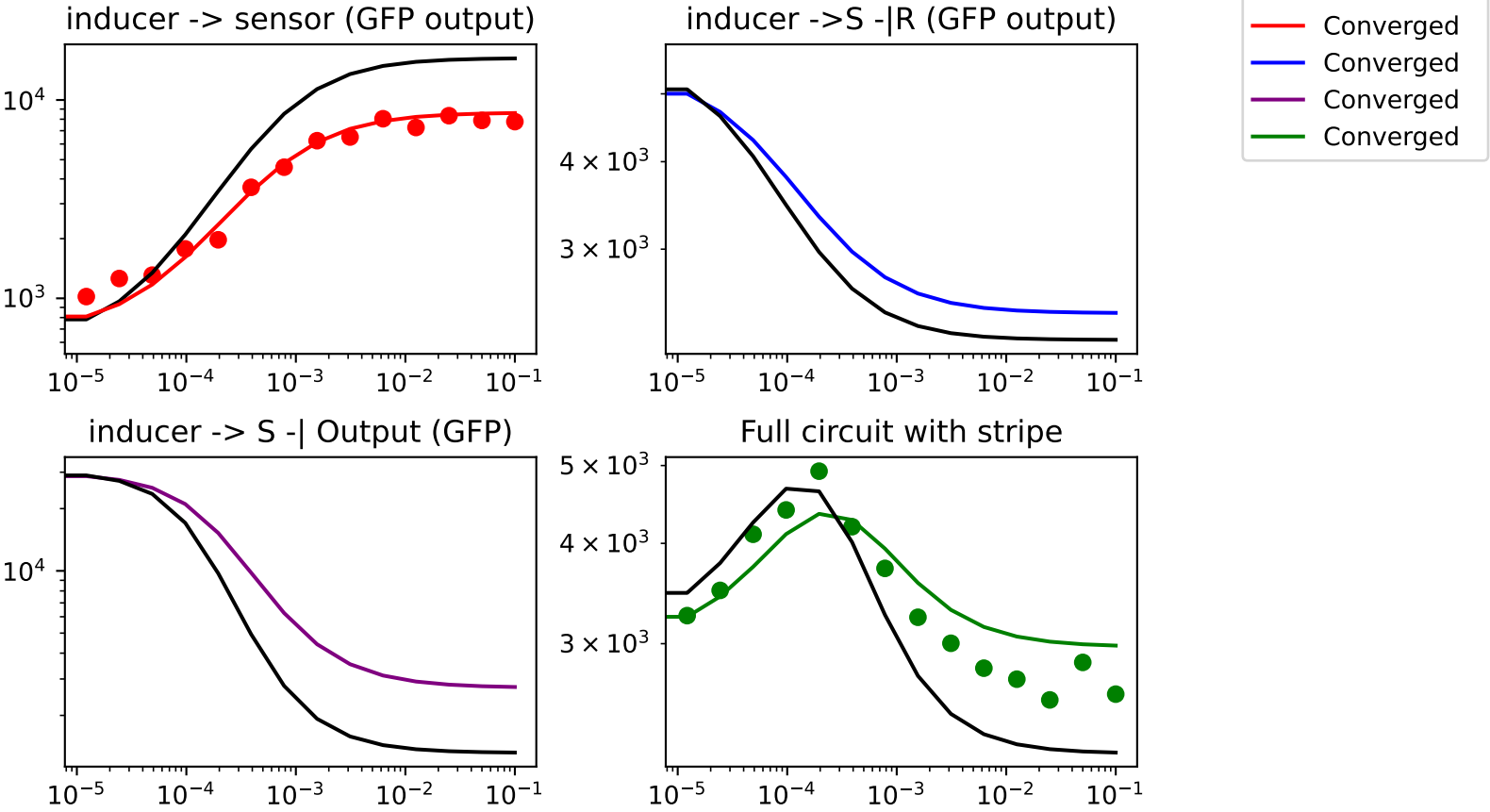


['SM data type data plots for mutation', 'Sensor4', 'using model:', 'model_hill']



Across all four plots:

RSS (converged)=0.106

RSS (initial)=0.937

RSS (% reduction)=0.898

	epsilon	Initial_guesses	Converged
As	64.132852	618.047086	682.179938
Bs	-7627.771947	16278.856600	8651.084653
Cs	69.636625	1300.653790	1370.290415
Ns	-0.089970	1.096541	1.006571
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	-0.223945	2.821352	2.597407
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: 0.1058738369930609
x: [6.822e+02 8.651e+03 ... 2.640e+00 1.919e+00]
nit: 100
nfev: 136
final_simplex: (array([[6.822e+02, 8.651e+03, ..., 2.640e+00, 1.919e+00],
[6.846e+02, 8.011e+03, ..., 2.640e+00, 1.919e+00],
...,
[6.761e+02, 8.003e+03, ..., 2.640e+00, 1.919e+00],
[6.670e+02, 8.726e+03, ..., 2.640e+00, 1.919e+00]]), array([1.059e-01, 1.315e-01, ..., 1.780e-01, 1.785e-01]))