['SM data type data plots for mutation', 'Output3', 'using model:', 'model_hill']

inducer -> sensor (GFP output)

inducer ->S -|R (GFP output)

inducer -> S -| Output (GFP)

Full circuit with stripe

Legend:
- Initial Guess
- Converged
- Converged
- Converged
- Converged
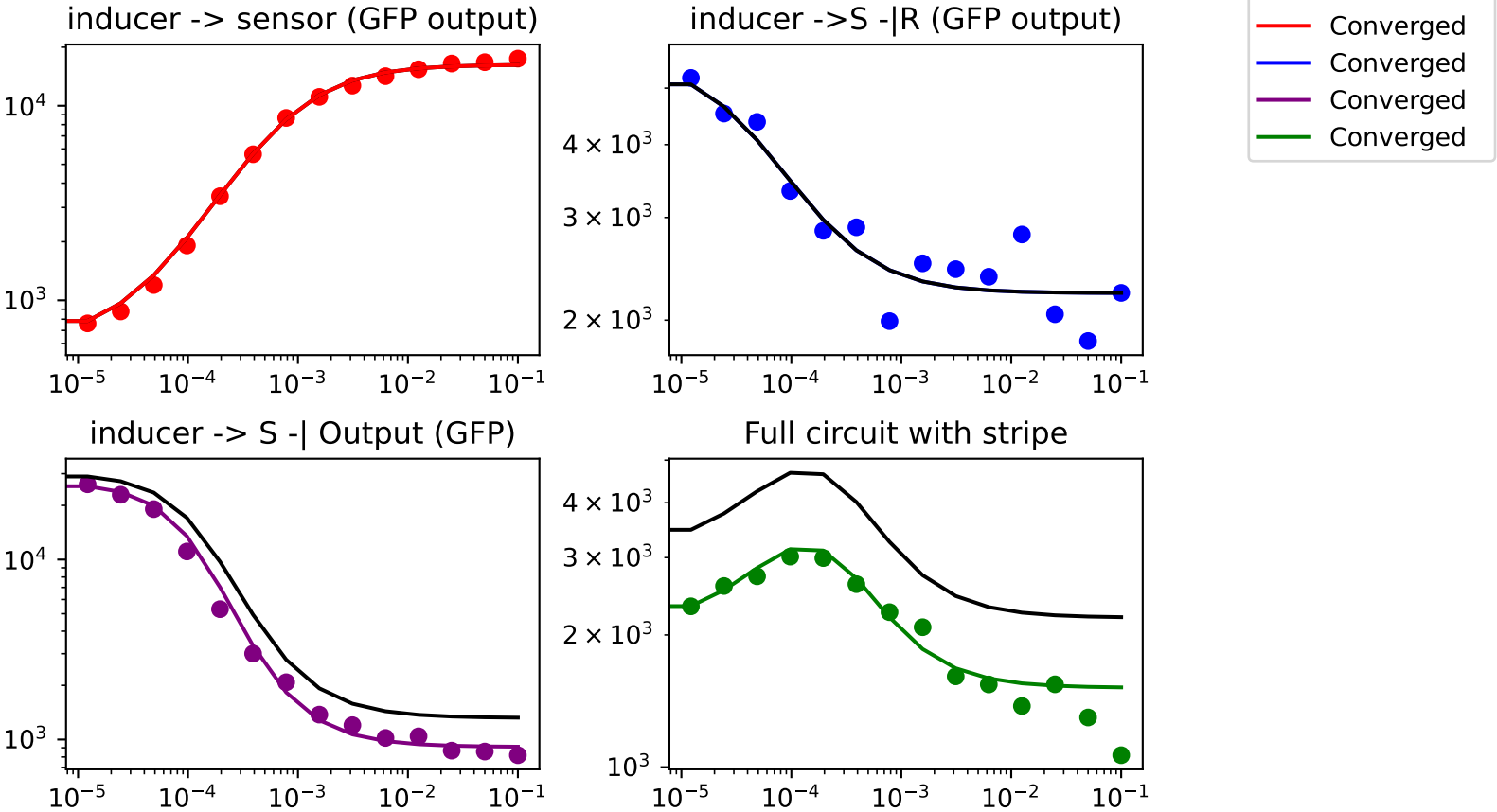
Across all four plots:

RSS (converged)=0.118

RSS (initial)=0.971

RSS (% reduction)=0.892

	epsilon	Initial_guesses	Converged
As	0.000000	618.047086	618.047086
Bs	0.000000	16278.856600	16278.856600
Cs	0.000000	1300.653790	1300.653790
Ns	0.000000	1.096541	1.096541
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	-124.158592	683.835638	559.677046
Bh	-3258.095195	32464.380200	29206.285005
Ch	0.000061	0.000473	0.000534
Fo	0.064901	2.821352	2.886253
Ao	-0.040117	0.632148	0.592031
Bo	0.066117	0.972768	1.038885
Co	0.011823	2.640174	2.651997
No	0.122183	1.919339	2.041522

message: Maximum number of iterations has been exceeded.
success: False
status: 2
fun: 0.11776782101103671
x: [6.180e+02 1.628e+04 ... 2.652e+00 2.042e+00]
nit: 100
nfev: 136
final_simplex: (array([[6.180e+02, 1.628e+04, ..., 2.652e+00,
          2.042e+00],
        [6.180e+02, 1.628e+04, ..., 2.639e+00,
          2.081e+00],
        ...,
        [6.180e+02, 1.628e+04, ..., 2.702e+00,
          2.081e+00],
        [6.180e+02, 1.628e+04, ..., 2.690e+00,
          2.088e+00]]), array([1.178e-01, 1.189e-01, ..., 1.297e-01, 1.333e-01]))