['SM data type data plots for mutation', 'Sensor5']
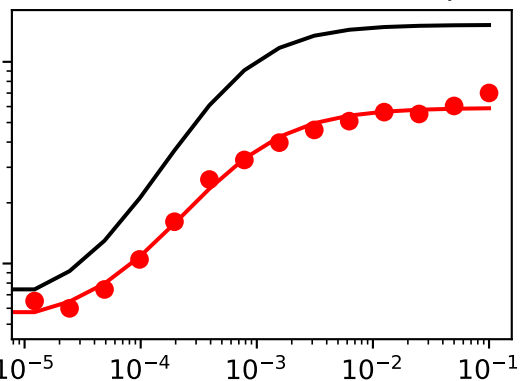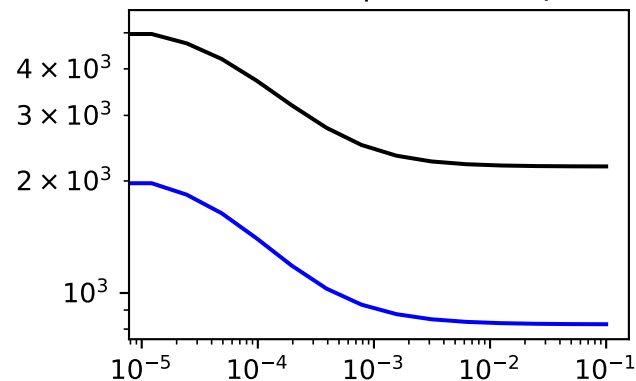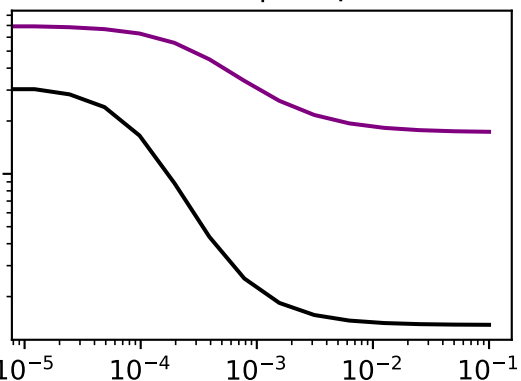
inducer -> sensor (GFP output)

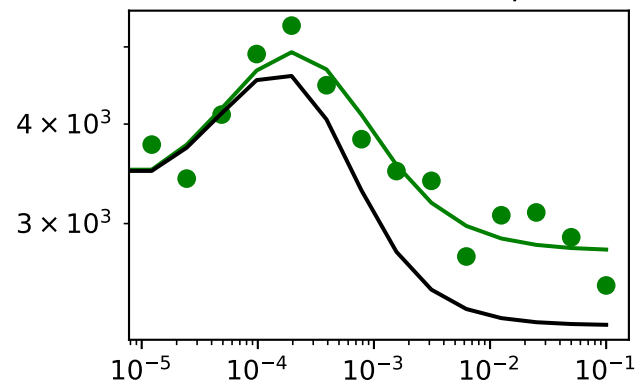### inducer ->S -|R (GFP output)

inducer -> S -| Output (GFP)

Full circuit with stripe

Legend:
- Initial Guess
- Converged
- Converged
- Converged
- Converged

Across all four plots:

RSS (converged)=0.029

RSS (initial)=2.036

RSS (% reduction)=0.986

	epsilon	Initial_guesses	Converged
A_s	-104.203890	608.397103	504.193213
B_s	-9337.782653	15250.457700	5912.675047
C_s	-291.942202	1668.059050	1376.116848
N_s	-0.137878	1.198934	1.061055
A_r	-10.221435	687.964693	677.743258
B_r	2877.440749	23497.611400	26375.052149
C_r	-0.023563	0.062367	0.038804
N_r	0.563410	0.391731	0.955141
A_h	-160.668472	590.606548	429.938076
B_h	36825.500200	35287.125700	72112.625900
C_h	-0.000203	0.000530	0.000327
A_o	0.059794	0.829830	0.889624
B_o	-4.034720	4.288170	0.253450
C_o	0.295232	3.133222	3.428454
N_o	-0.005697	1.809018	1.803321

message: Optimization terminated successfully.
success: True
status: 0
fun: 0.02932676547424991
x: [5.042e+02 5.913e+03 ... 3.428e+00 1.803e+00]
nit: 7976
nfev: 10705
final_simplex: (array([[5.042e+02, 5.913e+03, ..., 3.428e+00,
          1.803e+00],
       [5.042e+02, 5.913e+03, ..., 3.428e+00,
         1.803e+00],
       ...,
       [5.042e+02, 5.913e+03, ..., 3.428e+00,
         1.803e+00],
       [5.042e+02, 5.913e+03, ..., 3.428e+00,
         1.803e+00]]), array([2.933e-02, 2.933e-02, ..., 2.933e-02, 2.933e-02]))