

Make the following variables that can be set by the developer:

Base concentration	1.00E-06
Base dots	2
Max dots	5000
Raise factor	$\text{LOG}(\{\text{CONC}\}/\text{Base concentration})$
Base factor	$(\text{Max dots}/\text{Base dots})^{(1/\log(1/\text{base concentration}))}$
(calculation of base factor gives:)	3.684031499

# of dots displayed	$\text{Base dots} \times (\text{Base factor}^{\text{Raise factor}})$
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Results for various concentrations	Raise factor	Dots displayed
1.00E+00	6	5.00E+03
1.00E-01	5	1.36E+03
1.00E-02	4	3.68E+02
1.00E-03	3	1.00E+02
1.00E-04	2	2.71E+01
1.00E-05	1	7.37E+00
1.00E-06	0	2.00E+00
1.00E-07	-1	5.43E-01
1.00E-08	-2	1.47E-01