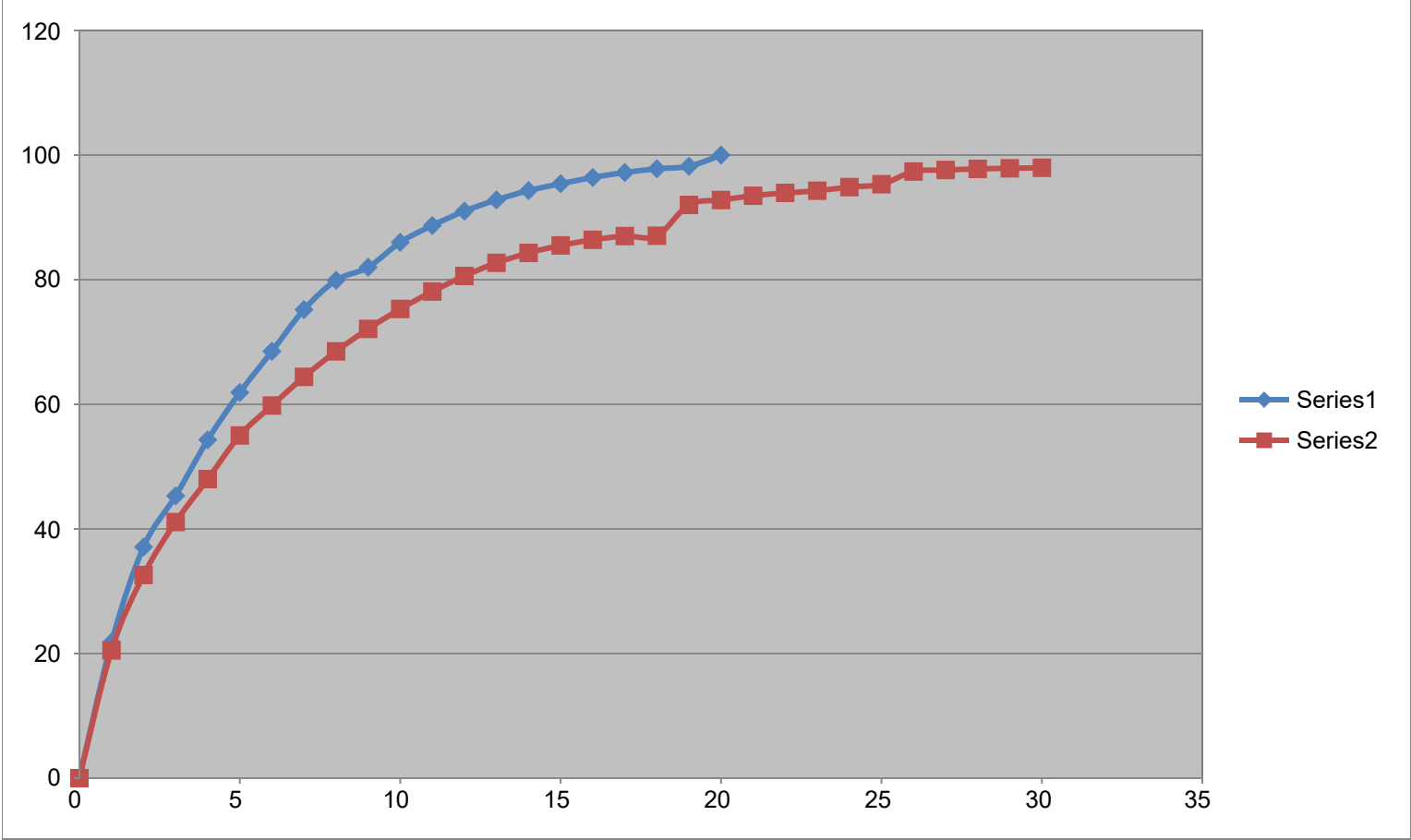


time	conversion		
0	0	0	0
1	21.8	1	20.5
2	37.1	2	32.6
3	45.3	3	41.1
4	54.3	4	48
5	61.9	5	55
6	68.5	6	59.8
7	75.2	7	64.4
8	79.9	8	68.5
9	82	9	72.1
10	86	10	75.3
11	88.7	11	78.1
12	91	12	80.6
13	92.8	13	82.7
14	94.3	14	84.3
15	95.4	15	85.5
16	96.4	16	86.4
17	97.2	17	87
18	97.8	18	87.0
19	98.2	19	92.0
20	100	20	92.8
		21	93.5
		22	93.9
		23	94.3
		24	94.9
		25	95.3
		26	97.4
		27	97.6
		28	97.8
		29	97.9
		30	98.0



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$$e^{(E-1)*k*C_{A0}*t} = \frac{E-x}{E*(1-x)}$$

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0.7

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1.1

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0.00741

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$$S = e^{-(E-1)*k*C_{A0}*t}$$

$$x = \frac{E*(1-S)}{E-S}$$

Time	parameter	Conversion	Conversion	Error	Error
-	1.00	0%	0.00%	0	0.0294254
60.00	0.97	26%	21.80%	0.0016012	
120.00	0.94	41%	37.10%	0.0018484	
180.00	0.91	52%	45.30%	0.0042808	
240.00	0.88	59%	54.30%	0.0025215	
300.00	0.86	65%	61.90%	0.0009233	
360.00	0.83	69%	68.50%	6.566E-05	
420.00	0.80	73%	75.20%	0.0005722	
480.00	0.78	76%	79.90%	0.0017904	
540.00	0.76	78%	82.00%	0.0015596	
600.00	0.73	80%	86.00%	0.0035232	
660.00	0.71	82%	88.70%	0.0047779	
720.00	0.69	83%	91.00%	0.0059613	
780.00	0.67	85%	92.80%	0.0067544	
840.00	0.65	86%	94.30%	0.0073475	
900.00	0.63	87%	95.40%	0.0074904	
960.00	0.61	88%	96.40%	0.0076511	
1,020.00	0.59	88%	97.20%	0.0076254	
1,080.00	0.57	89%	97.80%	0.0073915	
1,140.00	0.55	90%	98.20%	0.006941	
1,200.00	0.54	90%	100.00%	0.0090728	

