

			1,4-Polybutadiene Dioxane			Calc Rg (nm)	1,4-Polybutadiene Cyclohexane			Calc Rg (nm)
			Rg (nm)	Rh	Int Visc		Rg	Rh	Int Visc	
Log MW	MW	K	0.0379	0.0315	0.177	(nm)	0.0129	0.015	0.0387	(nm)
		a	0.5	0.491	0.503		0.609	0.57	0.697	
4	10000		3.8	2.9	18.2	1.6	3.5	2.9	23.8	1.8
4.30103	20000		5.4	4.1	25.8	2.3	5.4	4.2	38.5	2.6
4.69897	50000		8.5	6.4	40.9	3.6	9.4	7.2	72.9	4.4
5	100000		12.0	9.0	57.9	5.1	14.3	10.6	118.2	6.4
5.30103	200000		16.9	12.6	82.1	7.2	21.8	15.8	191.7	9.5
5.69897	500000		26.8	19.8	130.2	11.4	38.1	26.6	363.0	16.0
6	1000000		37.9	27.8	184.5	16.1	58.2	39.5	588.5	23.7
6.30103	2000000		53.6	39.1	261.5	22.8	88.7	58.6	954.0	35.1
6.69897	5000000		84.7	61.3	414.5	36.1	155.0	98.7	1806.7	59.0
7	10000000		119.9	86.2	587.5	51.1	236.4	146.6	2928.9	87.3
7.30103	20000000		169.5	121.1	832.5	72.3	360.5	217.6	4748.2	129.1
7.69897	50000000		268.0	189.9	1319.9	114.4	629.9	366.9	8992.8	216.9
8	100000000		379.0	266.9	1870.6	161.9	960.7	544.6	14578.4	321.0
8.30103	200000000		536.0	375.1	2650.9	229.1	1465.3	808.5	23633.5	475.0
8.69897	500000000		847.5	588.2	4203.0	362.6	2560.1	1363.0	44760.3	797.7
			Slope			2.33899	Slope			3.13336
			R-Sqr			1.0000	R-Sqr			0.9989
			1,4-Polybutadiene Dioxane			Calc Rg (nm)	1,4-Polybutadiene Cyclohexane			Calc Rg (nm)
			Rg (nm)	Rh	Int Visc		Rg	Rh	Int Visc	
K	MW		0.0379	0.0315	0.177	(nm)	0.0129	0.015	0.0387	(nm)
		a	0.5	0.491	0.503		0.609	0.57	0.697	
4	10000		3.8	2.9	18.2	3.7	3.5	2.9	23.8	4.0
4.30103	20000		5.4	4.1	25.8	5.2	5.4	4.2	38.5	5.9
4.69897	50000		8.5	6.4	40.9	8.2	9.4	7.2	72.9	10.0
5	100000		12.0	9.0	57.9	11.6	14.3	10.6	118.2	14.8
5.30103	200000		16.9	12.6	82.1	16.5	21.8	15.8	191.7	21.9
5.69897	500000		26.8	19.8	130.2	26.1	38.1	26.6	363.0	36.7
6	1000000		37.9	27.8	184.5	36.9	58.2	39.5	588.5	54.3
6.30103	2000000		53.6	39.1	261.5	52.2	88.7	58.6	954.0	80.4
6.69897	5000000		84.7	61.3	414.5	82.6	155.0	98.7	1806.7	135.0
7	10000000		119.9	86.2	587.5	116.9	236.4	146.6	2928.9	199.8
7.30103	20000000		169.5	121.1	832.5	165.5	360.5	217.6	4748.2	295.7
7.69897	50000000		268.0	189.9	1319.9	261.9	629.9	366.9	8992.8	496.5
8	100000000		379.0	266.9	1870.6	370.6	960.7	544.6	14578.4	734.8
8.30103	200000000		536.0	375.1	2650.9	524.5	1465.3	808.5	23633.5	1087.6
8.69897	500000000		847.5	588.2	4203.0	830.1	2560.1	1363.0	44760.3	1826.3
			Slope			1.02165	Slope			1.36862
			R-Sqr			1.0000	R-Sqr			0.9989

			1,4-Polyisoprene Dioxane			Calc Rg (nm)	1,4-Polyisoprene Cyclohexane			Calc Rg (nm)
			Rg	Rh	Int Visc		Rg	Rh	Int Visc	
Log MW	MW	K	0.0275	0.0262	0.0111	(nm)	0.0126	0.0113	0.00197	(nm)
		a	0.513	0.498	0.513		0.61	0.592	0.733	
4	10000		3.1	2.6	1.3	0.7	3.5	2.6	1.7	0.7
4.30103	20000		4.4	3.6	1.8	0.9	5.3	4.0	2.8	1.1
4.69897	50000		7.1	5.7	2.9	1.5	9.3	6.8	5.5	1.8
5	100000		10.1	8.1	4.1	2.1	14.1	10.3	9.1	2.7
5.30103	200000		14.4	11.4	5.8	3.0	21.6	15.5	15.1	4.1
5.69897	500000		23.1	18.0	9.3	4.7	37.7	26.7	29.6	7.0
6	1000000		32.9	25.5	13.3	6.7	57.6	40.3	49.3	10.4
6.30103	2000000		47.0	36.0	19.0	9.5	87.9	60.7	81.9	15.5
6.69897	5000000		75.1	56.8	30.3	15.1	153.7	104.4	160.3	26.3
7	10000000		107.2	80.2	43.3	21.4	234.6	157.4	266.4	39.2
7.30103	20000000		153.0	113.3	61.8	30.4	358.1	237.3	442.7	58.6
7.69897	50000000		244.9	178.8	98.8	48.2	626.2	408.2	866.6	99.4
8	100000000		349.4	252.5	141.0	68.4	955.8	615.3	1440.3	148.4
8.30103	200000000		498.6	356.6	201.3	97.0	1458.8	927.4	2394.0	221.4
8.69897	500000000		797.8	562.8	322.0	154.0	2551.2	1595.4	4686.1	376.0
			Slope			5.15069	Slope			6.66838
			R-Sqr			0.9999	R-Sqr			0.9994
			1,4-Polyisoprene Dioxane			Calc Rg (nm)	1,4-Polyisoprene Cyclohexane			Calc Rg (nm)
			Rg	Rh	Int Visc		Rg	Rh	Int Visc	
K	MW		0.0275	0.0262	0.0111	(nm)	0.0126	0.0113	0.00197	(nm)
		a	0.513	0.498	0.513		0.61	0.592	0.733	
4	10000		3.1	2.6	1.3	1.5	3.5	2.6	1.7	1.7
4.30103	20000		4.4	3.6	1.8	2.1	5.3	4.0	2.8	2.5
4.69897	50000		7.1	5.7	2.9	3.4	9.3	6.8	5.5	4.2
5	100000		10.1	8.1	4.1	4.8	14.1	10.3	9.1	6.3
5.30103	200000		14.4	11.4	5.8	6.8	21.6	15.5	15.1	9.4
5.69897	500000		23.1	18.0	9.3	10.8	37.7	26.7	29.6	15.9
6	1000000		32.9	25.5	13.3	15.3	57.6	40.3	49.3	23.8
6.30103	2000000		47.0	36.0	19.0	21.8	87.9	60.7	81.9	35.5
6.69897	5000000		75.1	56.8	30.3	34.6	153.7	104.4	160.3	60.2
7	10000000		107.2	80.2	43.3	49.0	234.6	157.4	266.4	89.8
7.30103	20000000		153.0	113.3	61.8	69.5	358.1	237.3	442.7	134.1
7.69897	50000000		244.9	178.8	98.8	110.4	626.2	408.2	866.6	227.6
8	100000000		349.4	252.5	141.0	156.6	955.8	615.3	1440.3	339.7
8.30103	200000000		498.6	356.6	201.3	222.1	1458.8	927.4	2394.0	507.0
8.69897	500000000		797.8	562.8	322.0	352.6	2551.2	1595.4	4686.1	860.7
			Slope			2.24977	Slope			2.91268
			R-Sqr			0.9999	R-Sqr			0.9994

			Polyisobutylene Isoamyl Isovalerate/Benzene			Calc Rg (nm)	Polyisobutylene Cyclohexane			Calc Rg (nm)
			Rg	Rh	Int Visc		Rg	Rh	Int Visc	
Log MW	MW	K a	0.0262	0.0273	0.0107		0.0137	0.0136	0.0121	
			0.511	0.492	0.504		0.595	0.573	0.751	
4	10000		2.9	2.5	1.1	0.6	3.3	2.7	12.2	1.4
4.30103	20000		4.1	3.6	1.6	0.9	5.0	4.0	20.6	2.1
4.69897	50000		6.6	5.6	2.5	1.4	8.6	6.7	40.9	3.6
5	100000		9.4	7.9	3.5	2.0	12.9	10.0	68.8	5.4
5.30103	200000		13.4	11.1	5.0	2.8	19.5	14.8	115.8	8.1
5.69897	500000		21.4	17.4	8.0	4.5	33.7	25.1	230.5	13.8
6	1000000		30.5	24.4	11.3	6.4	50.9	37.3	388.0	20.6
6.30103	2000000		43.5	34.4	16.0	9.0	76.9	55.5	652.9	30.9
6.69897	5000000		69.4	54.0	25.4	14.2	132.6	93.8	1299.3	52.8
7	10000000		98.9	75.9	36.1	20.2	200.3	139.5	2186.7	79.2
7.30103	20000000		141.0	106.7	51.2	28.5	302.6	207.5	3680.1	118.6
7.69897	50000000		225.2	167.5	81.2	45.2	521.9	350.8	7323.4	202.5
8	100000000		320.8	235.6	115.2	63.9	788.4	521.8	12325.0	303.5
8.30103	200000000		457.2	331.3	163.3	90.5	1190.8	776.3	20742.4	454.8
8.69897	500000000		730.3	520.1	259.2	143.3	2054.0	1312.3	41277.4	776.4
			Slope			5.06443	Slope			2.62934
			R-Sqr			0.9999	R-Sqr			0.9999
			Polyisobutylene Isoamyl Isovalerate/Benzene			Calc Rg (nm)	Polyisobutylene Cyclohexane			Calc Rg (nm)
			Rg	Rh	Int Visc		Rg	Rh	Int Visc	
K			0.0262	0.0273	0.0107		0.0137	0.0136	0.0121	
a	MW		0.511	0.492	0.504		0.595	0.573	0.751	
4	10000		2.9	2.5	1.1	1.4	3.3	2.7	12.2	3.2
4.30103	20000		4.1	3.6	1.6	2.0	5.0	4.0	20.6	4.8
4.69897	50000		6.6	5.6	2.5	3.2	8.6	6.7	40.9	8.2
5	100000		9.4	7.9	3.5	4.6	12.9	10.0	68.8	12.3
5.30103	200000		13.4	11.1	5.0	6.5	19.5	14.8	115.8	18.5
5.69897	500000		21.4	17.4	8.0	10.3	33.7	25.1	230.5	31.5
6	1000000		30.5	24.4	11.3	14.5	50.9	37.3	388.0	47.3
6.30103	2000000		43.5	34.4	16.0	20.6	76.9	55.5	652.9	70.8
6.69897	5000000		69.4	54.0	25.4	32.6	132.6	93.8	1299.3	120.9
7	10000000		98.9	75.9	36.1	46.1	200.3	139.5	2186.7	181.2
7.30103	20000000		141.0	106.7	51.2	65.3	302.6	207.5	3680.1	271.6
7.69897	50000000		225.2	167.5	81.2	103.4	521.9	350.8	7323.4	463.6
8	100000000		320.8	235.6	115.2	146.4	788.4	521.8	12325.0	694.8
8.30103	200000000		457.2	331.3	163.3	207.2	1190.8	776.3	20742.4	1041.3
8.69897	500000000		730.3	520.1	259.2	328.0	2054.0	1312.3	41277.4	1777.6
			Slope			2.2121	Slope			1.14847
			R-Sqr			0.9999	R-Sqr			0.9999

			Polystyrene Cyclohexane			Calc Rg (nm)	Polystyrene Benzene			Calc Rg (nm)
			Rg	Rh	Int Visc		Rg	Rh	Int Visc	
Log MW	MW	K	0.0242	0.0215	0.0768		0.0121	0.0155	0.00987	
		a	0.512	0.502	0.508		0.595	0.552	0.739	
4	10000		2.7	2.2	8.3	1.2	2.9	2.5	8.9	1.3
4.30103	20000		3.9	3.1	11.8	1.7	4.4	3.7	14.9	1.9
4.69897	50000		6.2	4.9	18.7	2.8	7.6	6.1	29.3	3.2
5	100000		8.8	7.0	26.6	3.9	11.4	8.9	48.9	4.8
5.30103	200000		12.5	9.9	37.9	5.6	17.3	13.1	81.6	7.2
5.69897	500000		20.0	15.6	60.3	8.8	29.8	21.7	160.6	12.2
6	1000000		28.6	22.1	85.8	12.5	45.0	31.8	268.1	18.3
6.30103	2000000		40.7	31.3	122.0	17.7	67.9	46.6	447.5	27.3
6.69897	5000000		65.1	49.6	194.3	28.0	117.1	77.3	880.8	46.4
7	10000000		92.9	70.2	276.3	39.7	176.9	113.3	1470.0	69.3
7.30103	20000000		132.4	99.4	392.9	56.3	267.2	166.1	2453.5	103.6
7.69897	50000000		211.7	157.5	625.8	89.2	461.0	275.5	4829.0	176.3
8	100000000		301.9	223.1	889.9	126.4	696.3	404.0	8059.7	263.4
8.30103	200000000		430.5	315.9	1265.6	179.1	1051.7	592.2	13451.7	393.7
8.69897	500000000		688.2	500.4	2015.8	283.8	1814.1	982.1	26476.2	669.6
			Slope			2.4095	Slope			2.68678
			R-Sqr			0.9999	R-Sqr			0.9999
			Polystyrene Cyclohexane			Calc Rg (nm)	Polystyrene Benzene			Calc Rg (nm)
			Rg	Rh	Int Visc		Rg	Rh	Int Visc	
K	MW	a	0.0242	0.0215	0.0768		0.0121	0.0155	0.00987	
			0.512	0.502	0.508		0.595	0.552	0.739	
4	10000		2.7	2.2	8.3	2.8	2.9	2.5	8.9	2.9
4.30103	20000		3.9	3.1	11.8	4.0	4.4	3.7	14.9	4.3
4.69897	50000		6.2	4.9	18.7	6.3	7.6	6.1	29.3	7.4
5	100000		8.8	7.0	26.6	9.0	11.4	8.9	48.9	11.0
5.30103	200000		12.5	9.9	37.9	12.7	17.3	13.1	81.6	16.4
5.69897	500000		20.0	15.6	60.3	20.2	29.8	21.7	160.6	28.0
6	1000000		28.6	22.1	85.8	28.6	45.0	31.8	268.1	41.8
6.30103	2000000		40.7	31.3	122.0	40.5	67.9	46.6	447.5	62.5
6.69897	5000000		65.1	49.6	194.3	64.2	117.1	77.3	880.8	106.2
7	10000000		92.9	70.2	276.3	90.9	176.9	113.3	1470.0	158.8
7.30103	20000000		132.4	99.4	392.9	128.8	267.2	166.1	2453.5	237.3
7.69897	50000000		211.7	157.5	625.8	204.2	461.0	275.5	4829.0	403.5
8	100000000		301.9	223.1	889.9	289.3	696.3	404.0	8059.7	603.1
8.30103	200000000		430.5	315.9	1265.6	409.9	1051.7	592.2	13451.7	901.3
8.69897	500000000		688.2	500.4	2015.8	649.8	1814.1	982.1	26476.2	1533.0
			Slope			1.05245	Slope			1.17356
			R-Sqr			0.9999	R-Sqr			0.9999

			Polystyrene Toluene			Calc Rg (nm)	Polystyrene Ethylbenzene			Calc Rg (nm)
			Rg	Rh	Int Visc		Rg	Rh	Int Visc	
Log MW	MW	K	0.012	0.0106	0.00927		0.0192	0.0118	0.0113	
		a	0.595	0.575	0.734		0.562	0.564	0.715	
4	10000		2.9	2.1	8.0	1.2	3.4	2.1	8.2	1.2
4.30103	20000		4.3	3.2	13.3	1.8	5.0	3.1	13.4	1.8
4.69897	50000		7.5	5.3	26.1	3.1	8.4	5.3	25.9	3.1
5	100000		11.3	7.9	43.4	4.6	12.4	7.8	42.5	4.6
5.30103	200000		17.1	11.8	72.1	6.9	18.3	11.5	69.7	6.8
5.69897	500000		29.5	20.1	141.3	11.7	30.6	19.3	134.2	11.5
6	1000000		44.6	29.9	235.0	17.5	45.2	28.6	220.3	17.1
6.30103	2000000		67.3	44.5	390.9	26.1	66.8	42.2	361.7	25.4
6.69897	5000000		116.2	75.4	765.8	44.3	111.7	70.8	696.4	42.9
7	10000000		175.5	112.3	1273.7	66.1	164.9	104.7	1143.1	63.8
7.30103	20000000		265.0	167.3	2118.5	98.7	243.5	154.8	1876.4	94.8
7.69897	50000000		457.2	283.3	4150.7	167.6	407.5	259.5	3612.8	160.0
8	100000000		690.5	422.0	6903.7	250.2	601.6	383.6	5930.3	237.8
8.30103	200000000		1043.0	628.6	11482.5	373.5	888.1	567.1	9734.5	353.5
8.69897	500000000		1799.2	1064.7	22497.0	634.2	1486.4	950.8	18743.1	596.8
			Slope			2.8106	Slope			2.50421
			R-Sqr			0.9998	R-Sqr			0.9999
			Polystyrene Toluene			Calc Rg (nm)	Polystyrene Ethylbenzene			Calc Rg (nm)
			Rg	Rh	Int Visc		Rg	Rh	Int Visc	
K	MW		0.012	0.0106	0.00927		0.0192	0.0118	0.0113	
		a	0.595	0.575	0.734		0.562	0.564	0.715	
4	10000		2.9	2.1	8.0	2.8	3.4	2.1	8.2	2.8
4.30103	20000		4.3	3.2	13.3	4.2	5.0	3.1	13.4	4.2
4.69897	50000		7.5	5.3	26.1	7.1	8.4	5.3	25.9	7.1
5	100000		11.3	7.9	43.4	10.6	12.4	7.8	42.5	10.5
5.30103	200000		17.1	11.8	72.1	15.8	18.3	11.5	69.7	15.6
5.69897	500000		29.5	20.1	141.3	26.8	30.6	19.3	134.2	26.3
6	1000000		44.6	29.9	235.0	40.0	45.2	28.6	220.3	39.1
6.30103	2000000		67.3	44.5	390.9	59.7	66.8	42.2	361.7	58.2
6.69897	5000000		116.2	75.4	765.8	101.4	111.7	70.8	696.4	98.2
7	10000000		175.5	112.3	1273.7	151.3	164.9	104.7	1143.1	146.0
7.30103	20000000		265.0	167.3	2118.5	225.9	243.5	154.8	1876.4	217.0
7.69897	50000000		457.2	283.3	4150.7	383.7	407.5	259.5	3612.8	366.3
8	100000000		690.5	422.0	6903.7	572.8	601.6	383.6	5930.3	544.5
8.30103	200000000		1043.0	628.6	11482.5	855.0	888.1	567.1	9734.5	809.2
8.69897	500000000		1799.2	1064.7	22497.0	1452.0	1486.4	950.8	18743.1	1366.3
			Slope			1.22764	Slope			1.09381
			R-Sqr			0.9998	R-Sqr			0.9999

			Polystyrene Tetrahydrofuran			Calc Rg (nm)	Poly(a-methylstyrene) Cyclohexane			Calc Rg (nm)
			Rg	Rh	Int Visc		Rg	Rh	Int Visc	
Log MW	MW	K	0.0245	0.0144	0.00996	(nm)	0.0233	0.0249	0.0675	(nm)
		a	0.546	0.561	0.734		0.513	0.487	0.508	
4	10000		3.7	2.5	8.6	1.2	2.6	2.2	7.3	1.2
4.30103	20000		5.5	3.7	14.3	1.9	3.7	3.1	10.3	1.7
4.69897	50000		9.0	6.2	28.0	3.2	6.0	4.8	16.5	2.7
5	100000		13.2	9.2	46.6	4.7	8.6	6.8	23.4	3.8
5.30103	200000		19.2	13.6	77.5	7.1	12.2	9.5	33.3	5.3
5.69897	500000		31.7	22.7	151.8	12.0	19.5	14.8	53.0	8.4
6	1000000		46.3	33.4	252.5	17.9	27.9	20.8	75.4	12.0
6.30103	2000000		67.5	49.3	420.0	26.7	39.8	29.2	107.2	16.9
6.69897	5000000		111.4	82.5	822.8	45.4	63.7	45.6	170.8	26.9
7	10000000		162.6	121.7	1368.5	67.7	90.9	63.9	242.8	38.0
7.30103	20000000		237.4	179.6	2276.2	101.1	129.7	89.5	345.3	53.9
7.69897	50000000		391.6	300.3	4459.7	171.6	207.5	139.8	550.0	85.4
8	100000000		571.7	443.0	7417.5	256.2	296.0	196.0	782.2	121.1
8.30103	200000000		834.7	653.5	12337.2	382.5	422.5	274.7	1112.3	171.5
8.69897	500000000		1376.6	1092.7	24171.5	649.6	676.0	429.1	1771.7	271.9
			Slope			2.15769	Slope			2.46923
			R-Sqr			0.9993	R-Sqr			0.9999
			Polystyrene Tetrahydrofuran			Calc Rg (nm)	Poly(a-methylstyrene) Cyclohexane			Calc Rg (nm)
			Rg	Rh	Int Visc		Rg	Rh	Int Visc	
K	MW		0.0245	0.0144	0.00996	(nm)	0.0233	0.0249	0.0675	(nm)
		a	0.546	0.561	0.734		0.513	0.487	0.508	
4	10000		3.7	2.5	8.6	2.9	2.6	2.2	7.3	2.7
4.30103	20000		5.5	3.7	14.3	4.3	3.7	3.1	10.3	3.8
4.69897	50000		9.0	6.2	28.0	7.3	6.0	4.8	16.5	6.1
5	100000		13.2	9.2	46.6	10.8	8.6	6.8	23.4	8.6
5.30103	200000		19.2	13.6	77.5	16.2	12.2	9.5	33.3	12.2
5.69897	500000		31.7	22.7	151.8	27.4	19.5	14.8	53.0	19.3
6	1000000		46.3	33.4	252.5	41.0	27.9	20.8	75.4	27.4
6.30103	2000000		67.5	49.3	420.0	61.1	39.8	29.2	107.2	38.8
6.69897	5000000		111.4	82.5	822.8	103.8	63.7	45.6	170.8	61.5
7	10000000		162.6	121.7	1368.5	155.0	90.9	63.9	242.8	87.1
7.30103	20000000		237.4	179.6	2276.2	231.4	129.7	89.5	345.3	123.4
7.69897	50000000		391.6	300.3	4459.7	393.0	207.5	139.8	550.0	195.6
8	100000000		571.7	443.0	7417.5	586.6	296.0	196.0	782.2	277.1
8.30103	200000000		834.7	653.5	12337.2	875.7	422.5	274.7	1112.3	392.7
8.69897	500000000		1376.6	1092.7	24171.5	1487.2	676.0	429.1	1771.7	622.4
			Slope			0.94246	Slope			1.07854
			R-Sqr			0.9993	R-Sqr			0.9999

			Poly(a-methylstyrene) Toluene			Calc Rg (nm)
			Rg	Rh	Int Visc	
	K		0.00939	0.0108	0.0063	
Log MW	MW	a	0.607	0.569	0.748	
4	10000		2.5	2.0	6.2	1.1
4.30103	20000		3.8	3.0	10.4	1.7
4.69897	50000		6.7	5.1	20.6	2.9
5	100000		10.2	7.6	34.6	4.3
5.30103	200000		15.5	11.2	58.1	6.4
5.69897	500000		27.0	18.9	115.4	10.9
6	1000000		41.2	28.0	193.8	16.4
6.30103	2000000		62.7	41.6	325.5	24.5
6.69897	5000000		109.4	70.0	645.9	41.8
7	10000000		166.6	103.9	1084.8	62.7
7.30103	20000000		253.7	154.1	1821.8	93.8
7.69897	50000000		442.5	259.5	3615.5	160.1
8	100000000		674.0	385.0	6072.1	239.7
8.30103	200000000		1026.6	571.1	10197.9	359.0
8.69897	500000000		1790.4	961.9	20238.1	612.3

Slope 2.88638

R-Sqr 0.9996

			Poly(a-methylstyrene) Toluene			Calc Rg (nm)
			Rg	Rh	Int Visc	
K			0.00939	0.0108	0.0063	
a	MW		0.607	0.569	0.748	
4	10000		2.5	2.0	6.2	2.6
4.30103	20000		3.8	3.0	10.4	3.8
4.69897	50000		6.7	5.1	20.6	6.5
5	100000		10.2	7.6	34.6	9.8
5.30103	200000		15.5	11.2	58.1	14.7
5.69897	500000		27.0	18.9	115.4	25.0
6	1000000		41.2	28.0	193.8	37.5
6.30103	2000000		62.7	41.6	325.5	56.2
6.69897	5000000		109.4	70.0	645.9	95.8
7	10000000		166.6	103.9	1084.8	143.5
7.30103	20000000		253.7	154.1	1821.8	214.8
7.69897	50000000		442.5	259.5	3615.5	366.4
8	100000000		674.0	385.0	6072.1	548.8
8.30103	200000000		1026.6	571.1	10197.9	821.8
8.69897	500000000		1790.4	961.9	20238.1	1401.7

Slope 1.26074

R-Sqr 0.9996