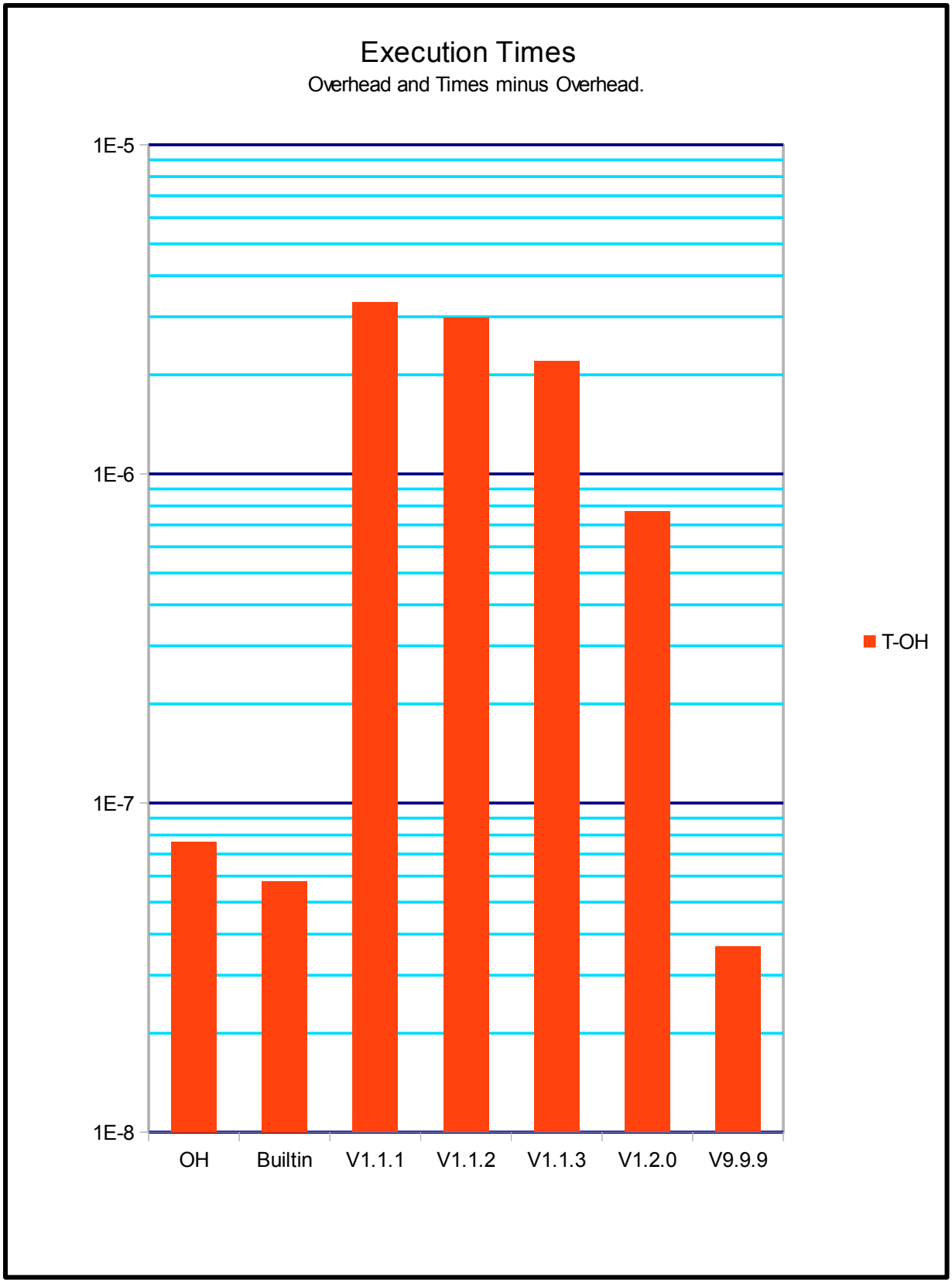
A comparison of Fibonacci and Mersenne generators.

Count 1.0E+06

		Run 1	Run 2	Run 3	Run 4	Run 5	#/S	T	T-OH	Performance	
Overhead	OH	12.876	13.242	13.180	12.697	13.492	1.3E+07	7.6E-08	7.6E-08		
Mersenne	Builtin	7.317	7.559	7.487	7.213	7.650	7.4E+06	1.3E-07	5.8E-08	100.0%	5736.4%
Fibonacci	V1.1.1	0.294					2.9E+05	3.4E-06	3.3E-06	1.7%	100.0%
	V1.1.2		0.327				3.3E+05	3.1E-06	3.0E-06	1.9%	111.5%
	V1.1.3			0.439			4.4E+05	2.3E-06	2.2E-06	2.6%	151.0%
	V1.2.0				1.183		1.2E+06	8.5E-07	7.7E-07	7.5%	432.4%
	V9.9.9					8.852	8.9E+06	1.1E-07	3.7E-08	158.3%	9080.3%

Notes:

Overhead is the execution time for a loop with no random number generation.
The Mersenne Twister is employed by the pseudo random number generator built into Ruby.
V1.1.1 is the currently released fibonacci_rng gem.
V1.1.2 is from the speed_up_one code branch.
V1.1.3 is from the speed_up_two code branch.
V1.2.0 is from the speed_up_three code branch, release candidate.
V9.9.9 is from the (non-functional) no_spinner branch. Test only.


Execution Times
Overhead and Times minus Overhead.
1E-5
1E-6
1E-7
1E-8
OH
Builtin
V1.1.1
V1.1.2
V1.1.3
V1.2.0
V9.9.9
T-OH