

	Name	Size(B)				
Image	../tests/empty2x2	12				
Number of iterations	1	2	4	8	16	32
fastflow:	5506	16833	41620	73548	157843	337661
stdthread:	4864	5113	5694	6625	8598	13159
Number of Workers	sequential	fastflow	stdthreads	Iterations:	128	
1	279	1856	2726			
2		203288	2958			
4		359360	4519			
8		647548	7087			
16		1130827	8642			
32		1464280	14720			
64		2054265	33979			
	Name	Size(B)				
Image	../tests/increasing4x6	32				
Number of iterations	1	2	4	8	16	32
fastflow:	5634	16947	41493	89484	169774	406039
stdthread:	4505	4734	5158	6255	8236	11517
Number of Workers	sequential	fastflow	stdthreads	Iterations:	128	
1	350	1782	2590			
2		175730	2553			
4		375620	2974			
8		715387	5593			
16		738510	9186			
32		1385134	13988			
64		2060333	33435			
	Name	Size(B)				
Image	../tests/increasing300x200	60008				
Number of iterations	1	2	4	8	16	32
fastflow:	6354	17849	47071	77677	170002	329892
stdthread:	6790	8571	12141	19729	31258	58613
Number of Workers	sequential	fastflow	stdthreads	Iterations:	128	
1	709114	700665	681585			
2		595573	365028			
4		551703	192143			
8		734715	113625			
16		992261	117832			
32		1444689	91662			
64		2079566	188408			
	Name	Size(B)				
Image	../tests/random400x2500	1000008				
Number of iterations	1	2	4	8	16	32
fastflow:	14457	29704	59175	121714	242087	464609

	Name	Size(B)				
stdthread:	28509	42022	59591	99536	178788	275621
Number of Workers	sequential	fastflow	stdthreads	Iterations:	128	
1	11981274	11843986	11426255			
2		6781812	5833253			
4		4002367	3099449			
8		2508626	1669132			
16		1845715	1115935			
32		1889223	1036076			
64		2224991	1018769			
	Name	Size(B)				
Image	../tests/equation	100000008				
Number of iterations	1	2	4	8		
fastflow:	1513836	2030402	3036546	5218956		
stdthread:	1147703	1496478	2195348	3468677		
Number of Workers	sequential	fastflow	stdthreads	Iterations:	8	
1	76436933	75218996	73057273			
2		37068140	37727297			
4		21120924	19408062			
8		12402890	10251544			
16		7583209	5618457			
32		5219137	4245675			
64		3979490	3573664			
	Name	Size(B)				
Image	../tests/equation2	300000008				
Number of iterations	1	2	4	8		
fastflow:	4201808	5822763	9007415	15664408		
stdthread:	3440715	4461219	6153795	9749468		
Number of Workers	sequential	fastflow	stdthreads	Iterations:	8	
1	230634919	226732817	220334103			
2		111530964	113591608			
4		63078450	58206512			
8		36194759	30285375			
16		23036266	16698858			
32		15594819	12156464			
64		11979997	9685548			

Read & Write time

Image	Time	1 par degree	max par degree
../tests/empty2x2	2218	1,1950	0,0010797049066
../tests/increasing4x6	2054	1,1526	0,0009969262250
../tests/increasing300x200	1301	0,0019	0,0006256113054
../tests/random400x2500	7101	0,0006	0,0031914735834
../tests/equation	786324	0,0105	0,1975941640763
../tests/equation2	2312927	0,0102	0,1930657411683

Empty Fastflow

../tests/empty2x2	fastflow	128			
n	speedup	scalability	ideal	efficiency	
1	0,150	1,000	279,000	0,150	
2	0,001	0,009	139,500	0,001	
4	0,001	0,005	69,750	0,000	
8	0,000	0,003	34,875	0,000	
16	0,000	0,002	17,438	0,000	
32	0,000	0,001	8,719	0,000	
64	0,000	0,001	4,359	0,000	

Increasing4x6 fastflow

../tests/ increasing4x6	fastflow	128			
n	speedup	scalability	ideal	efficiency	
1	0,196	1,000	350,000	0,196	
2	0,002	0,010	175,000	0,001	
4	0,001	0,005	87,500	0,000	
8	0,000	0,002	43,750	0,000	
16	0,000	0,002	21,875	0,000	
32	0,000	0,001	10,938	0,000	
64	0,000	0,001	5,469	0,000	

Empty stdthreads

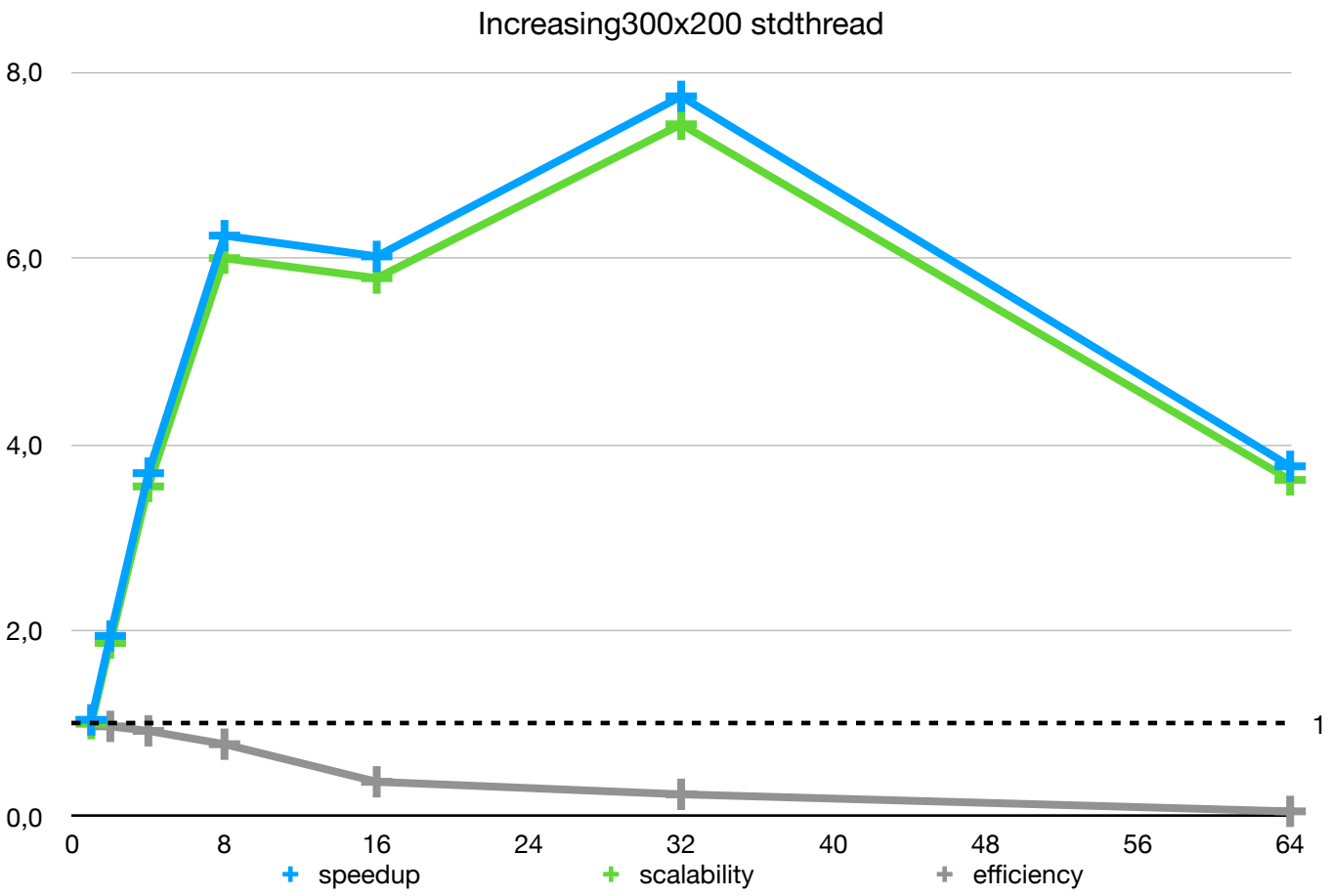
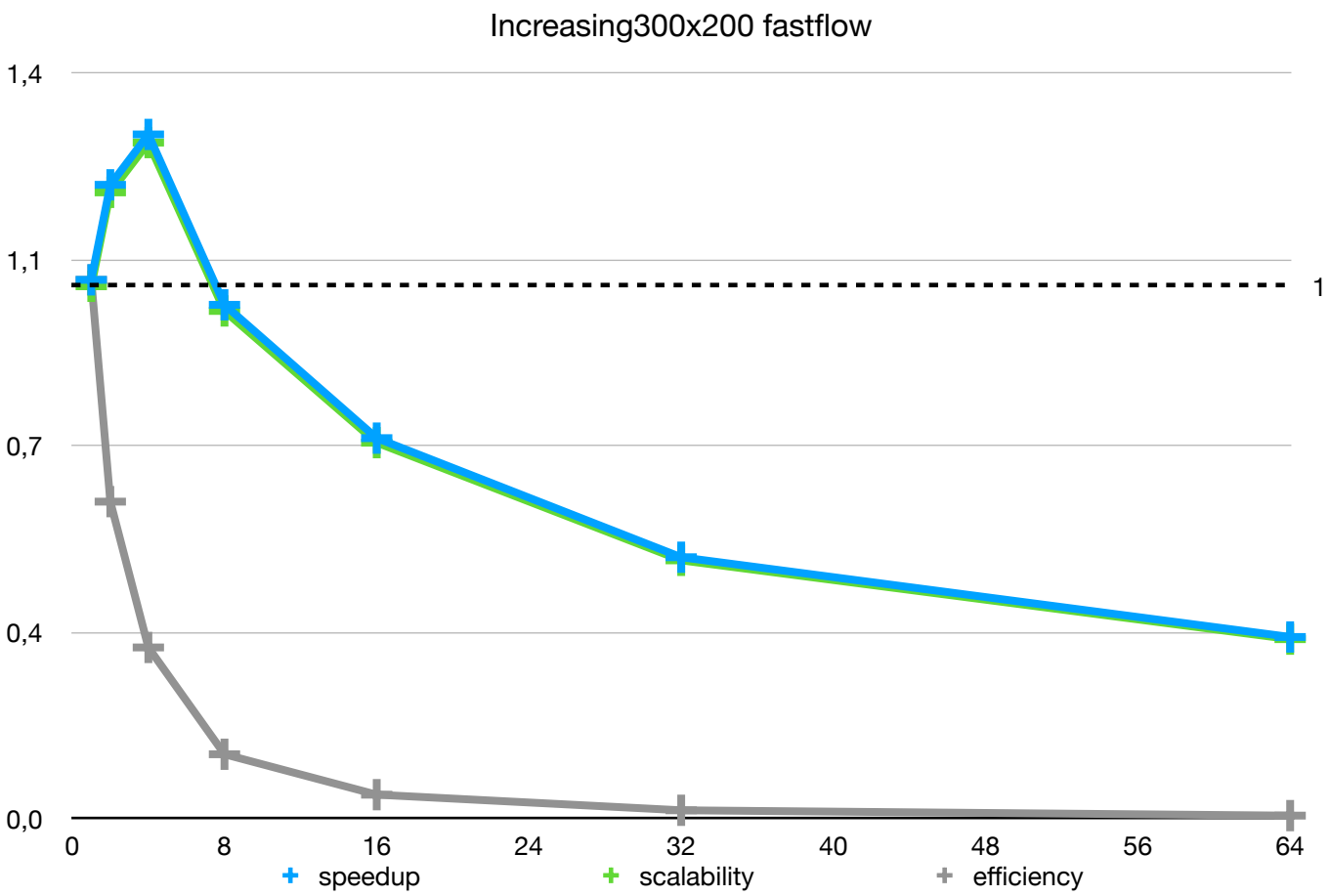
../tests/empty2x2	stdthreads	128			
n	speedup	scalability	ideal	efficiency	
1	0,102	1,000	279,000	0,102	
2	0,094	0,922	139,500	0,047	
4	0,062	0,603	69,750	0,015	
8	0,039	0,385	34,875	0,005	
16	0,032	0,315	17,438	0,002	
32	0,019	0,185	8,719	0,001	
64	0,008	0,080	4,359	0,000	

Increasing4x6 stdthreads

../tests/ increasing4x6	stdthreads	128			
n	speedup	scalability	ideal	efficiency	
1	0,135	1,000	350,000	0,135	
2	0,137	1,014	175,000	0,069	
4	0,118	0,871	87,500	0,029	
8	0,063	0,463	43,750	0,008	
16	0,038	0,282	21,875	0,002	
32	0,025	0,185	10,938	0,001	
64	0,010	0,077	5,469	0,000	

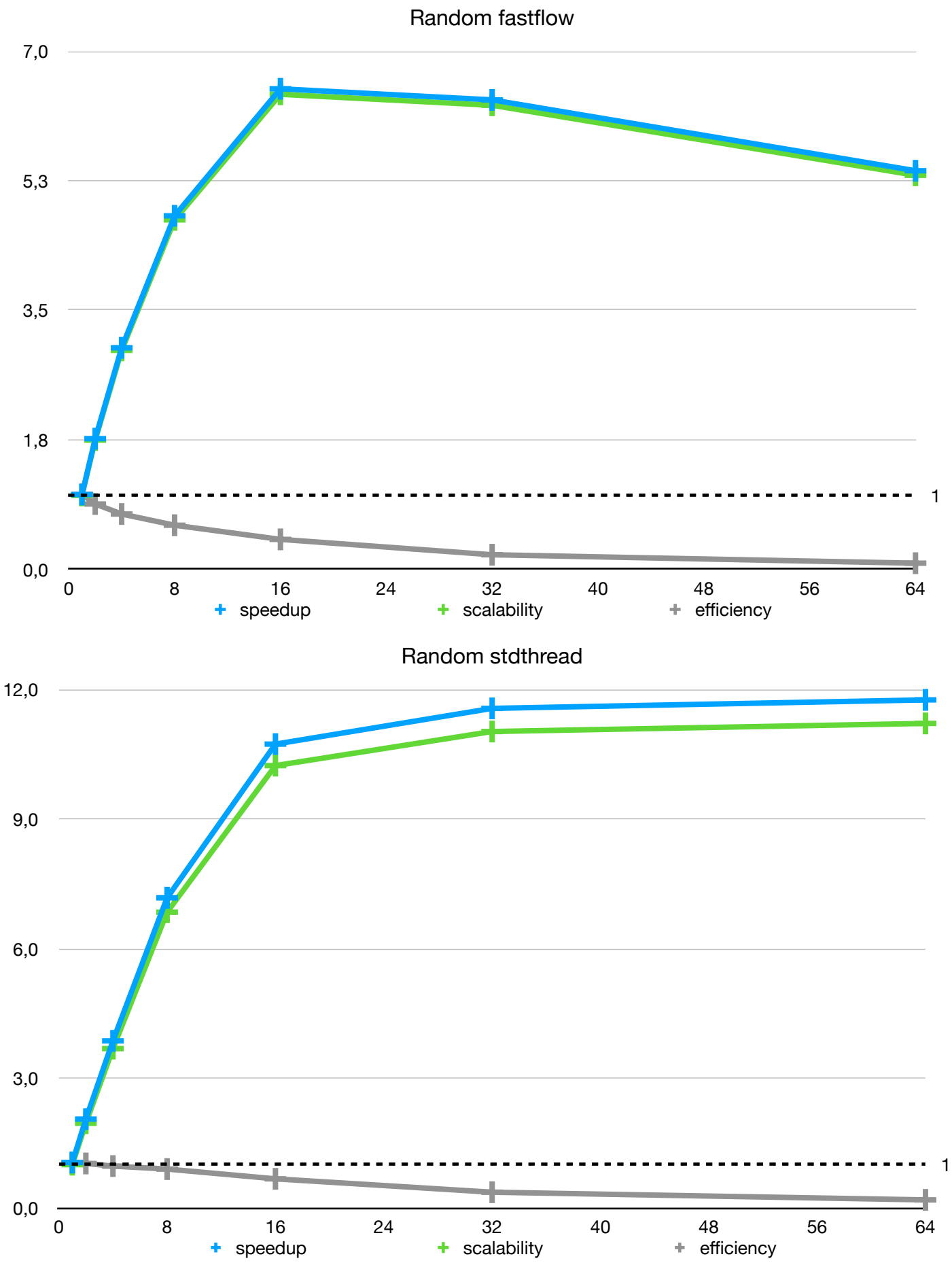
Increasing300x200 fastflow				
../tests/ increasing300x200	fastflow	128		
n	speedup	scalability	efficiency	
1	1,012	1,000	1,012	
2	1,191	1,176	0,595	
4	1,285	1,270	0,321	
8	0,965	0,954	0,121	
16	0,715	0,706	0,045	
32	0,491	0,485	0,015	
64	0,341	0,337	0,005	

Increasing300x200 stdthreads				
../tests/ increasing300x200	stdthreads	128		
n	speedup	scalability	efficiency	
1	1,040	1,000	1,040	
2	1,943	1,867	0,971	
4	3,691	3,547	0,923	
8	6,241	5,999	0,780	
16	6,018	5,784	0,376	
32	7,736	7,436	0,242	
64	3,764	3,618	0,059	



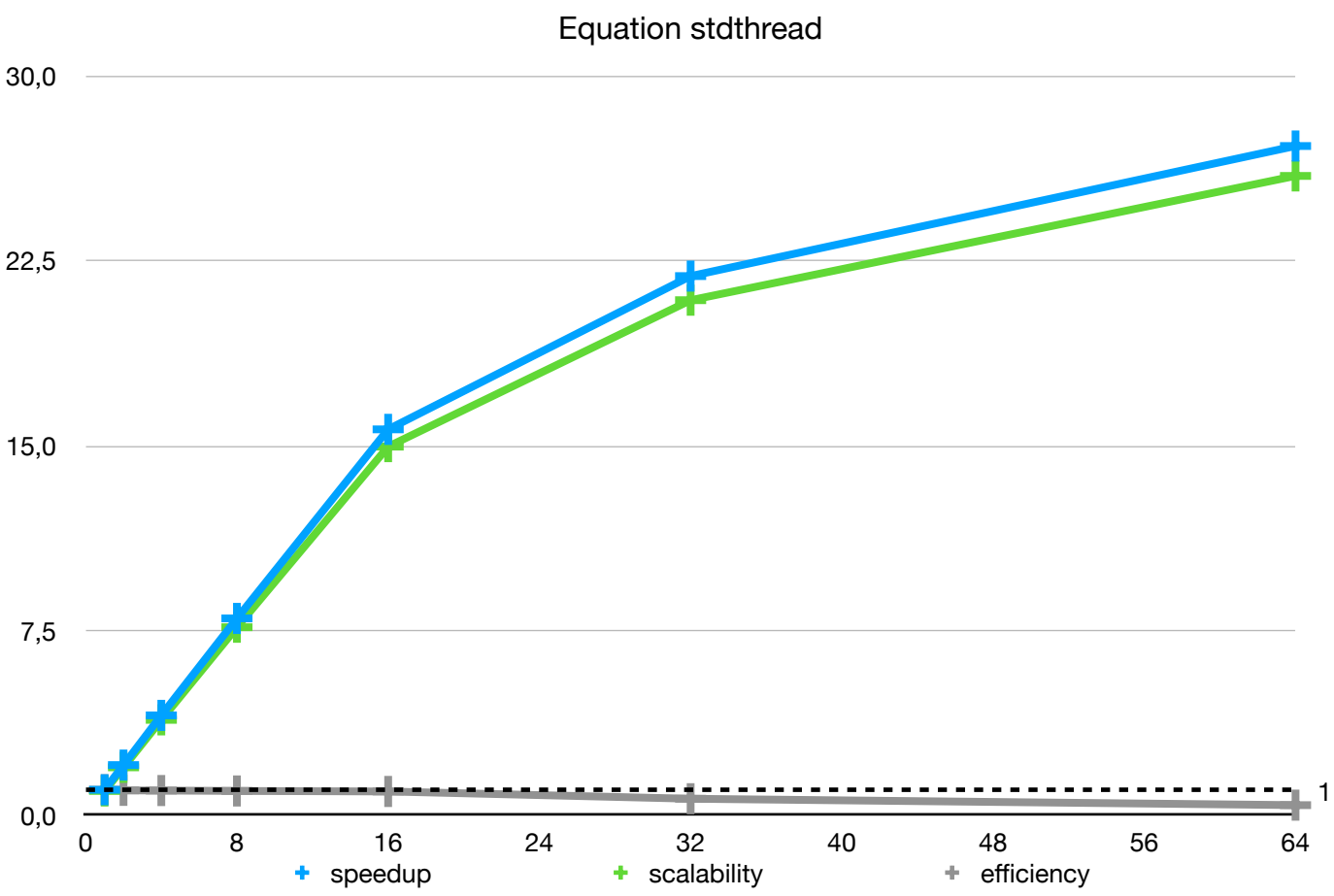
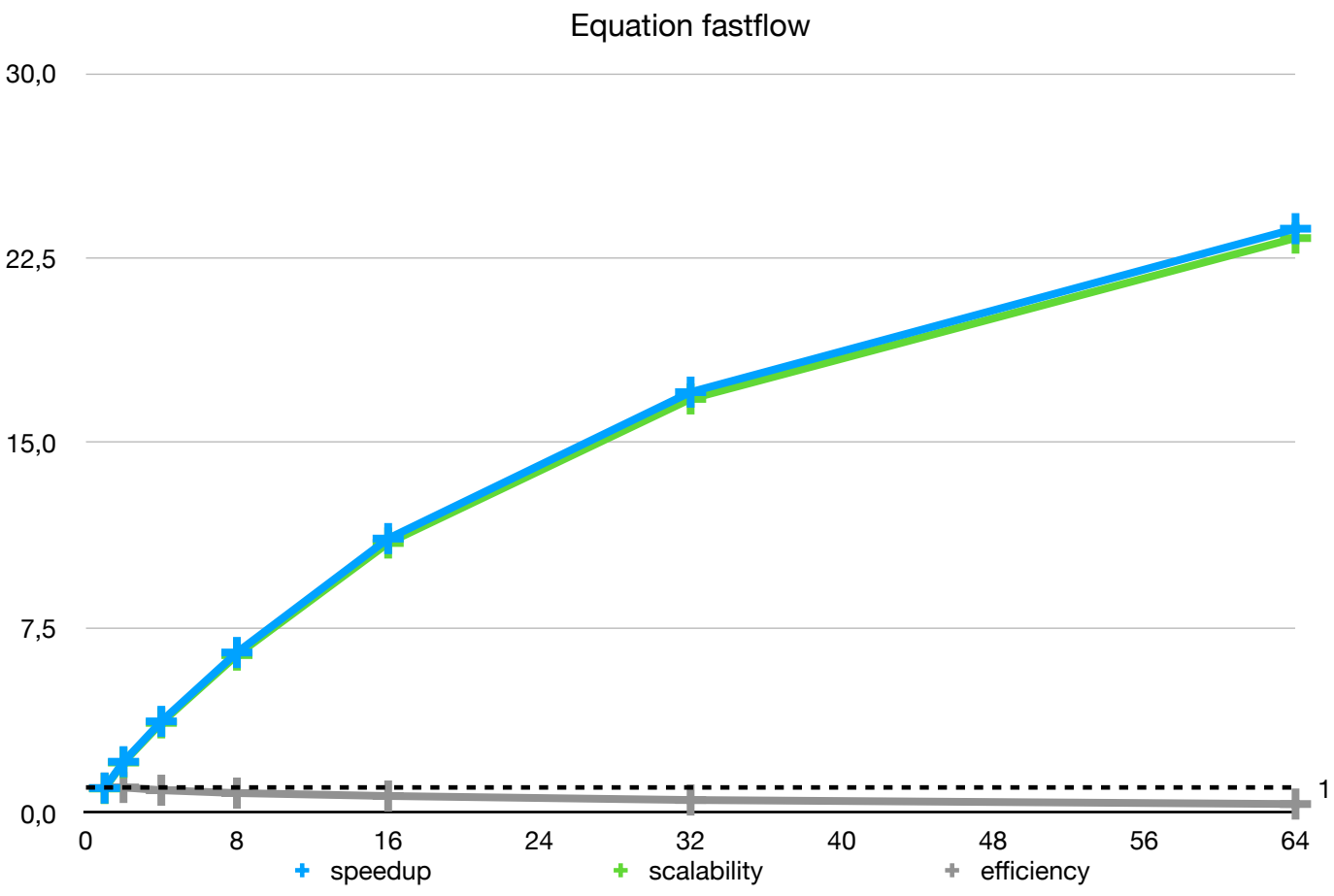
Random fastflow				
../tests/ random400x2500	fastflow	128		
n	speedup	scalability	efficiency	
1	1,012	1,000	1,012	
2	1,767	1,746	0,883	
4	2,994	2,959	0,748	
8	4,776	4,721	0,597	
16	6,491	6,417	0,406	
32	6,342	6,269	0,198	
64	5,385	5,323	0,084	

Random stdthreads				
../tests/ random400x2500	stdthreads	128		
n	speedup	scalability	efficiency	
1	1,049	1,000	1,049	
2	2,054	1,959	1,027	
4	3,866	3,687	0,966	
8	7,178	6,846	0,897	
16	10,737	10,239	0,671	
32	11,564	11,028	0,361	
64	11,761	11,216	0,184	



Equation fastflow				
../tests/equation	fastflow	8		
n	speedup	scalability	efficiency	
1	1,016	1,000	1,016	
2	2,085	2,052	1,043	
4	3,720	3,660	0,930	
8	6,512	6,407	0,814	
16	11,130	10,951	0,696	
32	17,066	16,791	0,533	
64	23,691	23,310	0,370	

Equation stdthreads				
../tests/equation	stdthreads	8		
n	speedup	scalability	efficiency	
1	1,047	1,000	1,047	
2	2,048	1,956	1,024	
4	4,062	3,881	1,016	
8	7,992	7,635	0,999	
16	15,656	14,956	0,978	
32	21,868	20,891	0,683	
64	27,141	25,928	0,424	



Equation2 fastflow				
../tests/equation2	fastflow	8		
n	speedup	scalability	efficiency	
1	1,017	1,000	1,017	
2	2,091	2,055	1,045	
4	3,757	3,693	0,939	
8	6,739	6,624	0,842	
16	11,018	10,829	0,689	
32	17,190	16,897	0,537	
64	23,619	23,215	0,369	

Equation2 stdthreads				
../tests/equation2	stdthreads	8		
n	speedup	scalability	efficiency	
1	1,047	1,000	1,047	
2	2,052	1,959	1,026	
4	4,085	3,901	1,021	
8	8,162	7,794	1,020	
16	15,871	15,155	0,992	
32	23,195	22,149	0,725	
64	30,969	29,572	0,484	

