Problema	QuickSort	Com PThreads		Matriz(MxN):	8.000	8.000	
Média Serial	10,2322105			Células:	64000000		
1	2	3	4	5	6	7	8
5,14731002	5,13327909	5,14063215	4,07399511	4,06659007	4,06838608	4,0750401	4,05206299
5,121557	5,12574601	5,13474512	4,07179689	4,08121705	4,06090713	4,06024909	4,08197498
5,11807704	5,12498713	5,123317	4,06139398	4,06567407	4,079638	4,07554793	4,07662702
5,260602	5,13122296	5,11727118	4,06492591	4,06987691	4,07374597	4,04080296	4,07743001
5,11879277	5,13155794	5,13604999	4,05798292	4,08928299	4,05827689	4,06429887	4,07391906
5,11783886	5,12370491	5,11532688	4,06055617	4,06168103	4,102108	4,04675603	4,06574512
5,13857913	5,13002706	5,13089705	4,05794406	4,07317209	4,0468049	4,07419896	4,07211995
5,14225507	5,14933801	5,12360001	4,04950213	4,06643105	4,08652997	4,047786	4,07825994
5,11325383	5,13968706	5,15254092	4,10667205	4,05844021	4,04773593	4,06736708	4,07463694
5,11936188	5,120749	5,29885101	4,09612799	4,06369495	4,06819201	4,06883001	4,07315111
Média #1	Média #2	Média #3	Média #4	Média #5	Média #6	Média #7	Média #8
5,12045944	5,13062501	5,132821085	4,063159945	4,06651056	4,068289045	4,065832975	4,074278

CPU:	6 Cores		Academico Marlon Henry Schweigert		
Memória:	16GB		OPRP 2019.1	UDESC - CCT	
# Teste Serial	Tempo	Núcleos	Speedup PThreads	Speedup OpenMP	Ideal
1	10,20399189	1	1,99829930	1,05563021	1
2	10,22755289	2	1,99433997	3,50719700	2
3	10,24744296	3	1,99348669	3,51951012	3
4	10,23965406	4	2,518288882	3,680422145	4
5	10,23336792	5	2,516213929	3,598946796	5
6	10,2482779	6	2,515113946	3,680422145	6
7	10,19722605	7	2,516633265	3,598946796	7
8	10,23105311	8	2,511416873	3,680422145	8
9	10,21076679				
10	10,36536908				

Problema	QuickSort	Com OPM					
Média Serial	10,2322105						
1	2	3	4	5	6	7	8
9,68438411	2,94096899	2,85871792	2,70932889	2,80599594	2,70932889	2,80599594	2,70932889
9,69463515	2,83910584	2,88471413	2,73828411	2,77552104	2,73828411	2,77552104	2,73828411
9,65547085	2,84384012	2,83647299	2,79524088	2,82508802	2,79524088	2,82508802	2,79524088
9,69133997	2,91350698	2,97255397	2,77591896	2,83071399	2,77591896	2,83071399	2,77591896
9,71867204	2,88197899	3,05318904	2,77695799	2,82717085	2,77695799	2,82717085	2,77695799
9,64960408	2,93890095	2,85013318	2,80942106	2,92144394	2,80942106	2,92144394	2,80942106
9,716573	2,94687223	2,93077803	2,75133109	2,91525698	2,75133109	2,91525698	2,75133109
9,73742294	2,92147207	2,92985106	2,83358502	2,85551095	2,83358502	2,85551095	2,83358502
9,71648097	2,96595407	2,88405108	2,84983516	3,43008995	2,84983516	3,43008995	2,84983516
9,640311	2,84764004	3,11638594	2,78338814	2,86747813	2,78338814	2,86747813	2,78338814
Média #1	Média #2	Média #3	Média #4	Média #5	Média #6	Média #7	Média #8
9,69298756	2,917489525	2,907282595	2,780173065	2,84311247	2,780173065	2,84311247	2,780173065

Speedup PThreads, Speedup OpenMP e Ideal

Legend: Speedup PThreads — Speedup OpenMP — Ideal

Núcleos