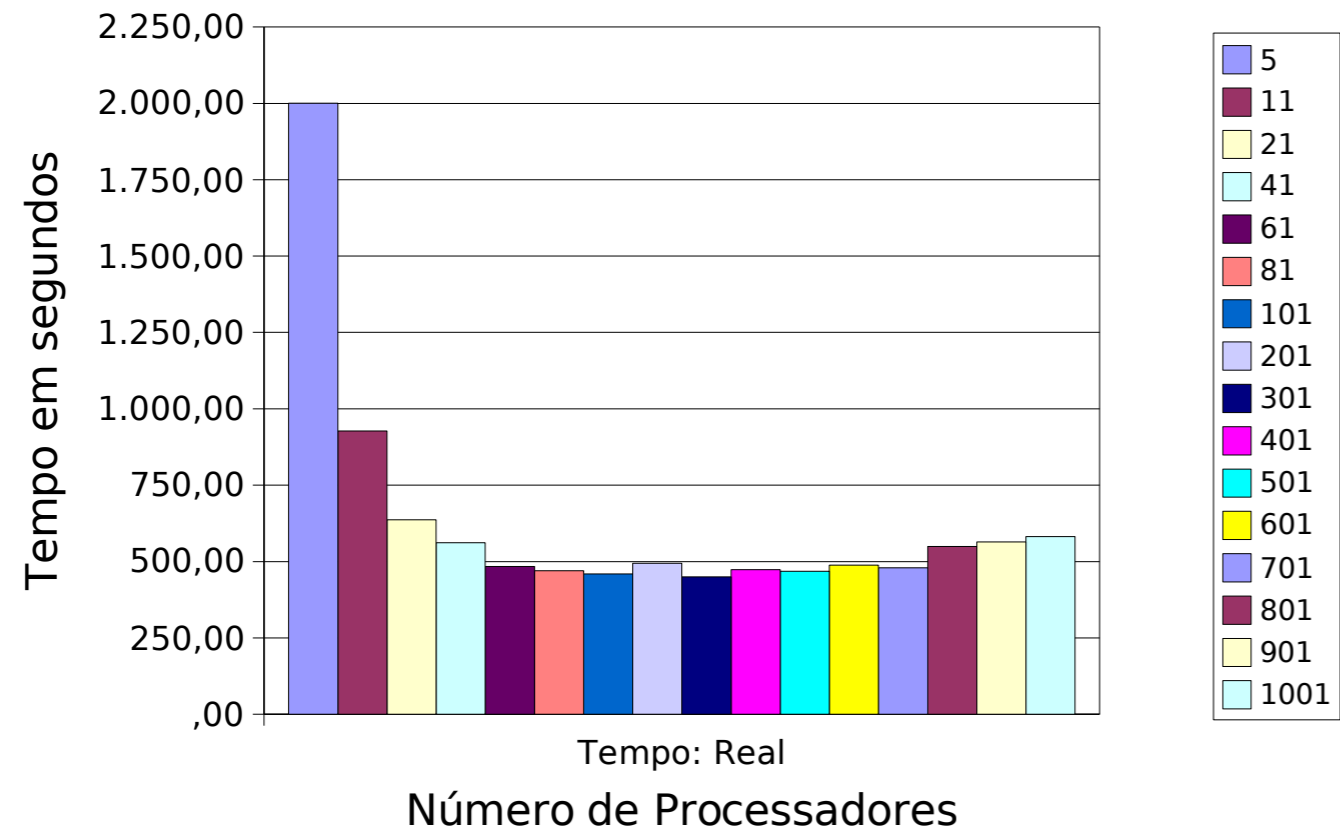


Eta Fila: mpi-fill

CPU's	Tempo: Real	Tempo: User	Tempo: System	Configuração da quebra de domínio INPESXJNPES
5	2.000,22	123,86	11,92	1X4
11	927,64	126,88	11,55	2X5
21	636,29	125,99	11,97	2X10
41	561,36	126,24	12,34	4X10
61	483,72	126,48	10,89	6X10
81	470,33	125,75	12,65	8X10
101	459,96	126,29	13,93	5X20
201	494,65	126,94	12,83	10X20
301	449,96	125,79	13,43	12X25
401	473,69	127,59	16,47	16x25
501	468,06	129,30	17,10	20X25
601	487,86	133,46	21,00	10X60
701	479,55	117,06	19,05	14X50
801	549,59	143,82	24,78	16X50
901	564,15	154,35	26,36	18X50
1001	581,87	166,65	22,70	20X50

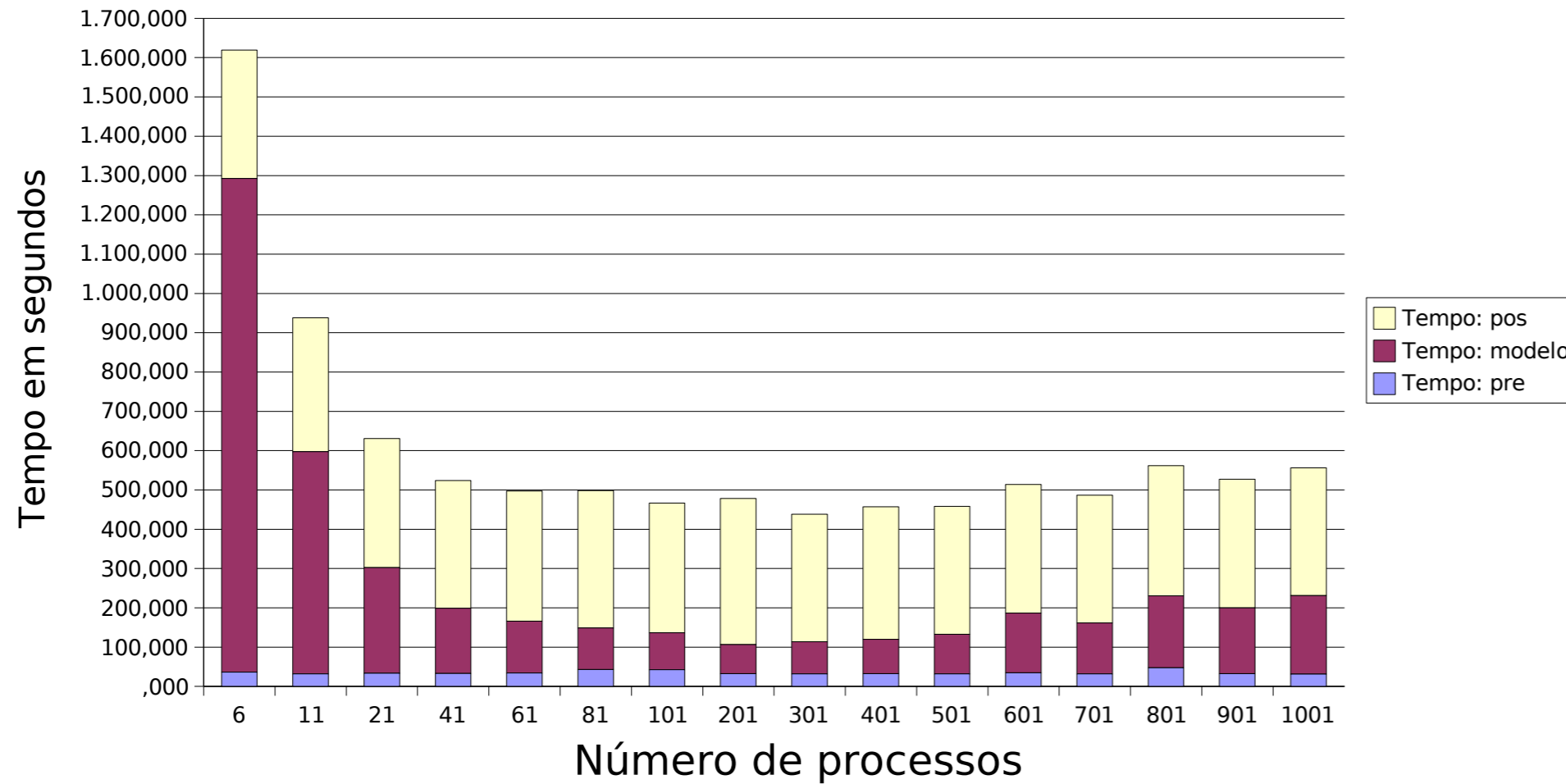
ETA: Tempos de Processamento



Eta Fila: mpi-fill

CPU's	Tempo: pre	Tempo: modelo	Tempo: pos	Tempo: Total	Configuração da quebra de domínio INPESXJNPES
6	36,674	1.255,949	326,784	1.619,407	1X5
11	31,825	565,599	340,387	937,811	2X5
21	33,663	268,696	328,200	630,559	2X10
41	33,246	165,776	324,899	523,921	4X10
61	34,411	131,724	331,305	497,440	6X10
81	42,971	105,878	349,421	498,270	8X10
101	42,699	93,616	330,482	466,797	5X20
201	32,636	73,981	371,544	478,161	10X20
301	31,938	81,755	324,298	437,992	12X25
401	32,621	87,494	336,991	457,107	16x25
501	32,121	100,471	325,482	458,074	20X25
601	34,585	152,080	326,998	513,662	10X60
701	31,918	129,741	324,951	486,611	14X50
801	47,448	183,256	330,971	561,675	16X50
901	32,255	168,007	327,176	527,438	18X50
1001	31,631	199,335	325,078	556,045	20X50

Tempos de Processamento: Eta 6h



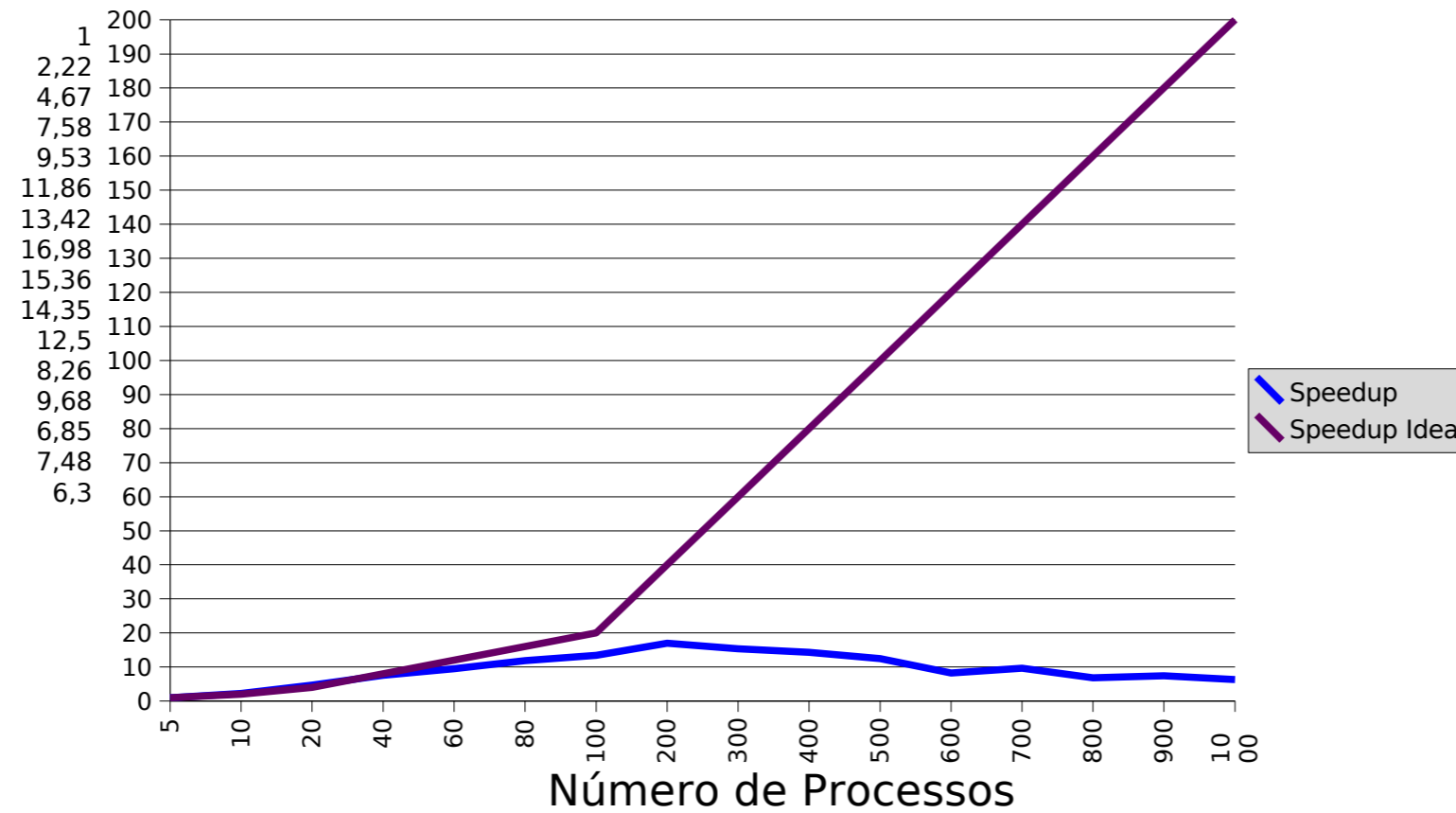
speedup 6h

CPU's	Tempo: pre	Tempo: modelo	Eta Tempo: pos	Fila: mpi-fill Tempo: Total	Configuração da quebra de domínio INPESXJNPES	Número Processos	Speedup	Speedup Ideal
5	36,674	1.255,949	326,784	1.619,407	1x1	5	1	1
11	31,825	565,599	340,387	937,811	1X4	10	2,22	2
21	33,663	268,696	328,200	630,559	2X5	20	4,67	4
41	332,456	165,776	324,899	823,132	2X10	40	7,58	8
61	34,411	131,724	331,305	497,440	4X10	60	9,53	12
81	42,971	105,878	349,421	498,270	6X10	80	11,86	16
101	42,699	93,616	330,482	466,797	8X10	100	13,42	20
201	326,360	73,981	371,544	771,885	5X20	200	16,98	40
301	319,381	81,755	324,298	725,435	10X20	300	15,36	60
401	32,621	87,494	336,991	457,107	12X25	400	14,35	80
501	32,121	100,471	325,482	458,074	16x25	500	12,5	100
601	34,585	152,080	326,998	513,662	20X25	600	8,26	120
701	31,918	129,741	324,951	486,611	10X60	700	9,68	140
801	47,448	183,256	330,971	561,675	14X50	800	6,85	160
901	32,255	168,007	327,176	527,438	16X50	900	7,48	180
1001	31,631	199,335	325,078	556,045	18X50	1000	6,3	200
					20X50			

Speedup 6h: etafcst_all.x

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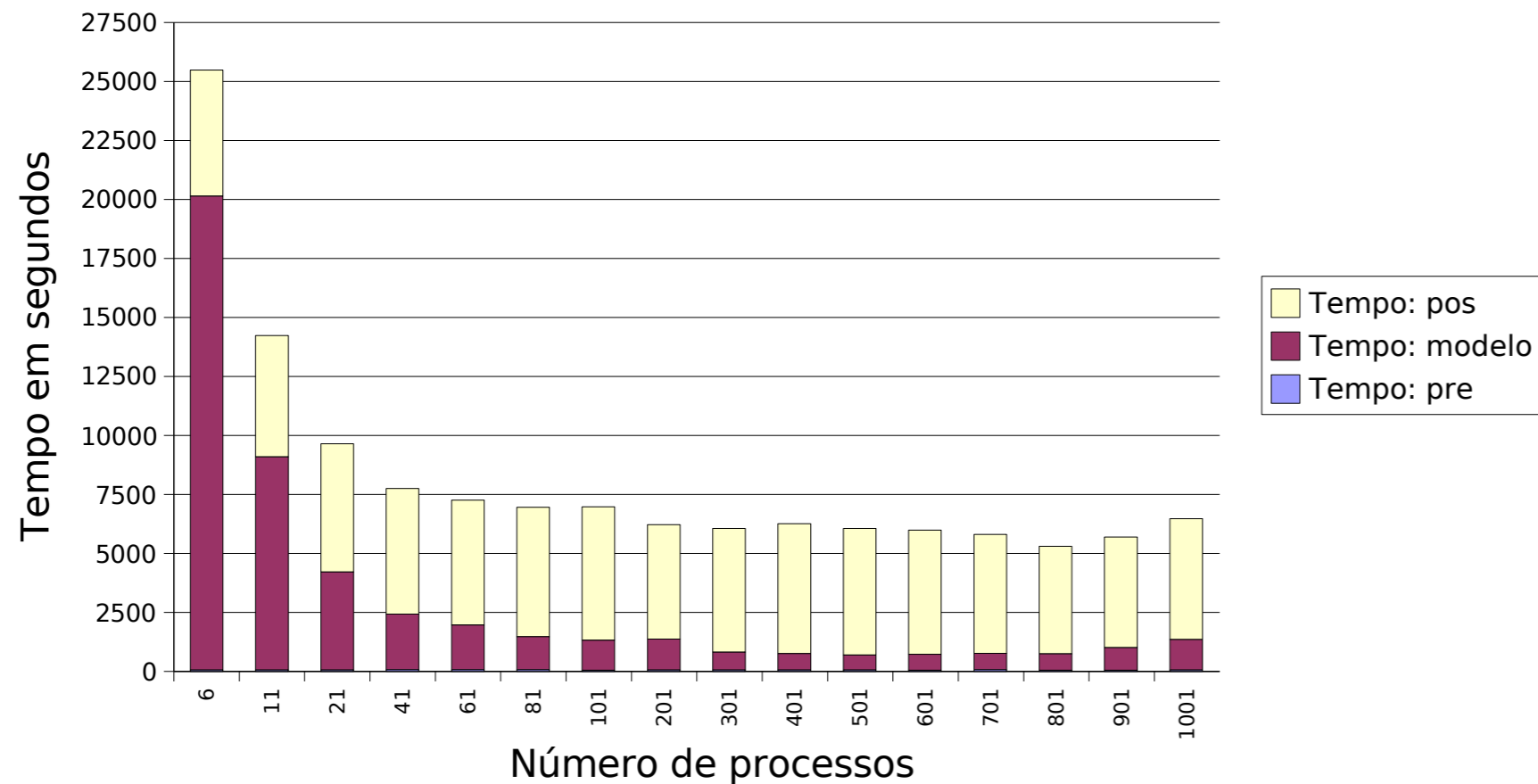
Speedup modelo



Eta Fila: mpi-fill

CPU's	Tempo: pre	Tempo: modelo	Tempo: pos	Tempo: Total	Configuração da quebra de domínio INPESXJNPES
6	62,3	20079,15	5343,65	25.485,098	1X5
11	63,74	9030,96	5136,61	14.231,311	2X5
21	64,72	4146,35	5441,18	9.652,251	2X10
41	68,66	2359,8	5323,18	7.751,634	4X10
61	68,15	1898,6	5289,37	7.256,112	6X10
81	69,01	1407,25	5481,46	6.957,718	8X10
101	56,77	1261,74	5655,8	6.974,311	5X20
201	59,11	1318,08	4847,01	6.224,198	10X20
301	64,31	758,19	5235,24	6.057,741	12X25
401	61,33	690,5	5503,38	6.255,209	16x25
501	57,5	639,58	5362,48	6.059,556	20X25
601	55,68	674,22	5258,94	5.988,842	10X60
701	67,41	692,76	5051,71	5.811,877	14X50
801	52,44	694,87	4557,75	5.305,050	16X50
901	54,77	954,23	4687,23	5.696,235	18X50
1001	58,65	1296,17	5114,55	6.469,371	20X50

Tempos de Processamento: Eta 96h



Eta Fila: mpi-fill

CPU's	Tempo: modelo	INPESXJNPES	Speedup	Speedup	Speedup Ideal
5	20079,15	1X4	5	1	1
10	9030,96	2X5	10	2,22	2
20	4146,35	2X10	20	4,84	4
40	2359,8	4X10	40	8,51	8
60	1898,6	6X10	60	10,58	12
80	1407,25	8X10	80	14,27	16
100	1261,74	5X20	100	15,91	20
200	1318,08	10X20	200	15,23	40
300	758,19	12X25	300	26,48	60
400	690,5	16x25	400	29,08	80
500	639,58	20X25	500	31,39	100
600	674,22	10X60	600	29,78	120
700	692,76	14X50	700	28,98	140
800	694,87	16X50	800	28,9	160
900	954,23	18X50	900	21,04	180
1000	1296,17	20X50	1000	15,49	200

Speedup 96h: etafcst_all.x

