Figure 1: The complete table of result data by ACP, compared to that of SCP. The **best** SCP result from 5 runs are shown. Each run used a different underlying planner(FD/LAMA,FD/LMcut,CPT,yahsp,DAE) and each run uses 12000 seconds (200 minutes). The ACP results are from one run, given 3600 seconds (60 minutes).

		ACP		**SCP**
			makespan $/N$	makespan $/K$
Problem	N	makespan	(per product)	(per product)
CELL-ASSEMBLY	4	331	**82.8**	83
	16	1255	**78.4**	83
2a (2 arms, 5 jobs)	64	4951	**77.4**	83
	256	19735	**77.1**	83
	1024	78871	**77.0**	83
CELL-ASSEMBLY	4	246	**61.5**	62.3
	16	978	**61.1**	62.3
2b (1 arm, 5 jobs)	64	3906	**61.0**	62.3
	256	15618	**61.0**	62.3
	1024	62466	**61.0**	62.3
CELL-ASSEMBLY	4	660	**165**	171
	16	2352	**147**	171
3a (3arm, 10 jobs)	64	9120	**142.5**	171
	256	36192	**141.4**	171
	1024	144480	**141.1**	171
CELL-ASSEMBLY	4	318	**79.5**	81.3
	16	1074	**67.1**	81.3
3b (4 arm, 8 jobs)	64	4098	**64.0**	81.3
	256	16194	**63.3**	81.3
	1024	64578	**63.1**	81.3
CELL-ASSEMBLY	4	804	**201**	203
	16	2508	**156.8**	203
3c (5 arm, 11 jobs)	64	9324	**145.7**	203
	256	36588	**142.9**	203
	1024	145644	**142.2**	203
Woodworking	4	80	20	**17.2**
	16	260	**16.3**	17.2
(plane,grind,vanish)	64	980	**15.3**	17.2
	256	3860	**15.1**	17.2
	1024	15380	**15.0**	17.2
Barman	4	35	8.8	**6.3**
	16	179	11.2	**6.3**
	64	755	11.8	**6.3**
	256	3059	11.9	**6.3**
	1024	12275	12.0	**6.3**