

a

Including Protein

Nodes	Cores	Total Cores	ns/day dt.01	Time (Days)/ $\mu$ s	SU/ $\mu$ s
1	36	36	7.07	141.43	4887.80
16	36	576	112.09	8.92	4933.16
28	36	1008	147.60	6.78	6556.26
32	36	1152	197.70	5.06	5593.93
<b>40</b>	<b>36</b>	<b>1440</b>	<b>279.28</b>	<b>3.58</b>	<b>4949.92</b>

Excluding Protein

Nodes	Cores	Total Cores	ns/day dt.02	Time (Days)/ $\mu$ s	SU/ $\mu$ s
1	36	36	11.98	83.45	2884.09
16	36	576	167.25	5.98	3306.14
<b>28</b>	<b>36</b>	<b>1008</b>	<b>286.36</b>	<b>3.49</b>	<b>3379.23</b>
32	36	1152	310.78	3.22	3558.51
40	36	1440	377.33	2.65	3663.69

b

