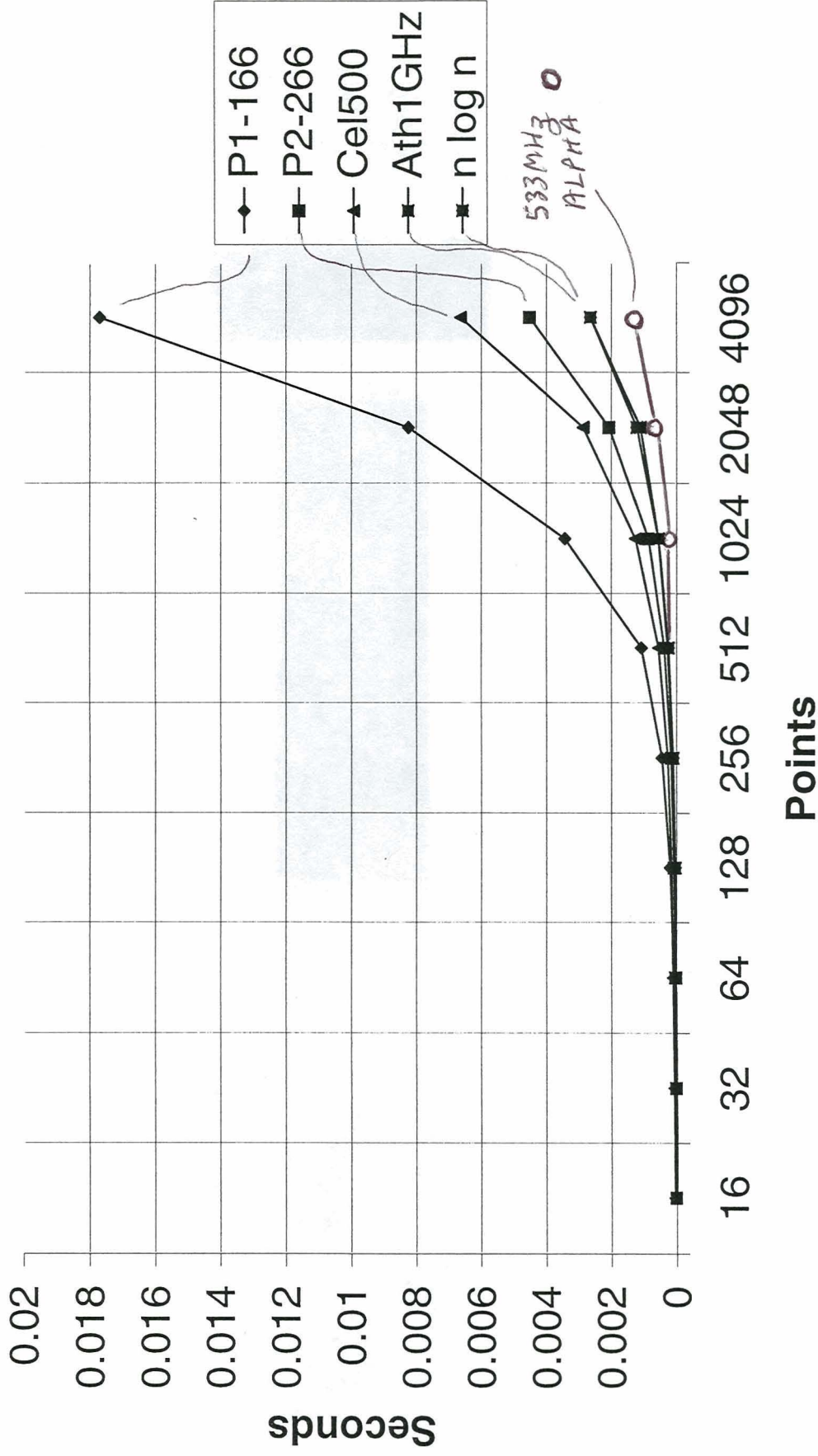
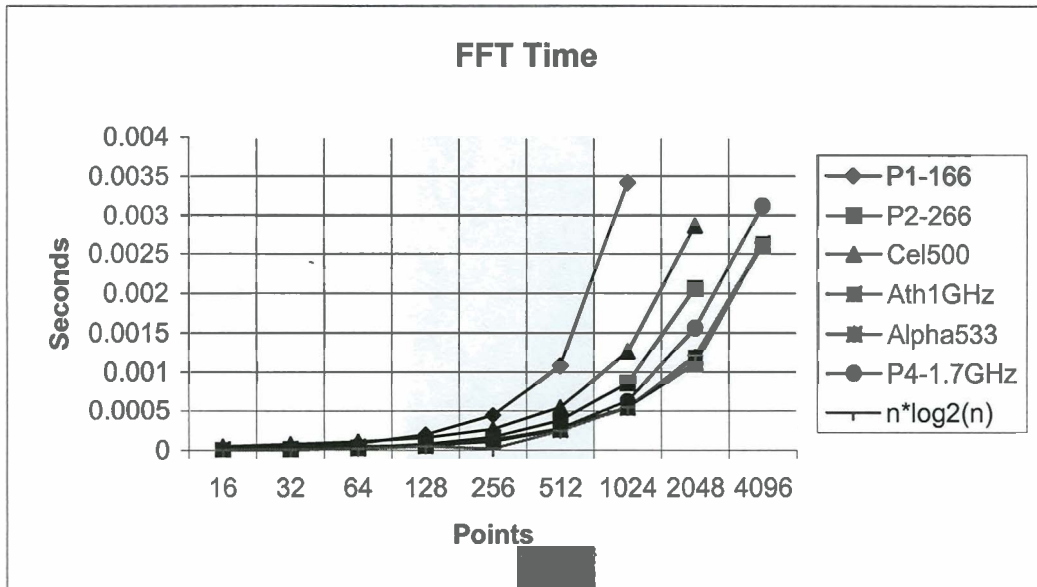


FFT Time



Points	P1-166	P2-266	Cel500	Ath1GHz	Alpha533	P4-1.7GHz	$n \cdot \log_2(n)$
16	0.000015	0.0000061	0.000049	0.000016	4.98E-06	5.45E-06	3.44E-06
32	0.000037	0.000015	0.000076	0.000022	1.14E-05	1.25E-06	8.59E-06
64	0.000085	0.000034	0.00011	0.00005	2.44E-05	2.80E-05	2.06E-05
128	0.000199	0.000077	0.00016	0.00006	5.42E-05	7.05E-05	4.81E-05
256	0.000447	0.000169	0.00027	0.00011	0.00012	0.00013	2.06E-05
512	0.00108	0.00038	0.00055	0.00027	0.00026	0.00028	2.48E-04
1024	0.00342	0.00086	0.00126	0.00055	0.00054	0.00063	5.50E-04
2048	0.00824	0.00207	0.00286	0.00111	0.00119	0.00156	0.00121
4096	0.0177	0.00451	0.00664	0.00264	0.00261	0.00312	0.00264



Note ratios: 4096 points 266/166=1.6 MHz speedup .0177/.00451=3.9 computation speedup
 4096 points 1700/266=6.3 MHz speedup .00451/.00312=1.4 computation speedup

533MHz Alpha is computationally faster than 1GHz Athlon and 1.7GHz P4

ON THIS PARTICULAR BENCHMARK THAT IS HEAVILY FLOATING POINT