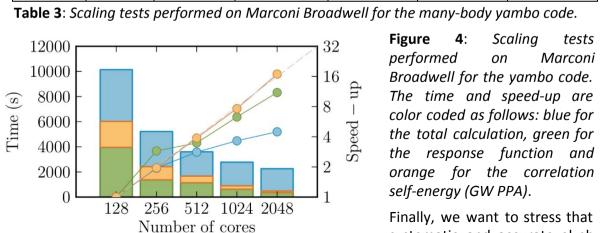
Marconi Broadwell	2D material with 3 atoms and 50 electrons per cell, $G_0W_0$ calculation with spin-orbit coupling (Yambo devel. Version.)					
# cores	Absolute timing (s)	Absolute speed-up	$\chi_0$ response function (s)	$\chi_0$ speed-up	GW PPA (s)	GW PPA speed-up
128	10140	1.00	3959	1.00	2061	1.00
256	5216	1.94	1370	2.89	1052	1.96
512	3601	2.81	1141	3.47	530	3.88
1024	2780	3.65	628	6.30	270	7.63
2048	2261	4.48	358	11.05	122	16.89



Finally, we want to stress that systematic and accurate el-ph