Computation time against order of multipole expansion 1e6 2.5 brute Barnes-Hut, pow = 3.16FMM, pow = 2.80Barnes-Hut 2.0 * **FMM** 1.5 1.0 0.5 0.0

5

6

Order of multipole expansion, p

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8

3

Average computation time *t/μs*