

Sorted rf = 120

Iteration	Container	CellSizeFactor	Traversal	Load Estimator	Data Layout	Newton 3	Weighted(rf=120)	Weighted(rf=38.9362)
266	VerletListsCells	1.000000	vlc_sliced_c02	none	AoS	enabled	3911077	5342310.14199639
218	VerletListsCells	1.000000	vlc_sliced	none	AoS	enabled	4017424	5471459.12928843
230	VerletListsCells	1.000000	vlc_sliced_balanced	none	AoS	enabled	4054737	5499113.30197605
254	VerletListsCells	1.000000	vlc_sliced_balanced	neighbor-list-length	AoS	enabled	4937531	6372325.35490366
227	VerletListsCells	1.000000	vlc_sliced_balanced	none	AoS	disabled	5965335	7518324.50465634
179	VerletLists	1.000000	vl_list_iteration	none	AoS	disabled	6005650	7881037.77725099
215	VerletListsCells	1.000000	vlc_sliced	none	AoS	disabled	6058456	7631079.38515315
242	VerletListsCells	1.000000	vlc_sliced_balanced	squared-particles-per-cell	AoS	enabled	6061246	7514335.09374823
263	VerletListsCells	1.000000	vlc_sliced_c02	none	AoS	disabled	6098556	7725449.42205454
176	VerletClusterLists	1.000000	vcl_sliced_c02	none	SoA	enabled	6513864	6890790.31903987
152	VerletClusterLists	1.000000	vcl_sliced_balanced	none	SoA	enabled	6524719	6899356.1079715
164	VerletClusterLists	1.000000	vcl_sliced_balanced	neighbor-list-length	SoA	enabled	6551581	6928176.44072611
140	VerletClusterLists	1.000000	vcl_sliced	none	SoA	enabled	6577361	6952617.14497563
251	VerletListsCells	1.000000	vlc_sliced_balanced	neighbor-list-length	AoS	disabled	6916031	8547197.30901834
239	VerletListsCells	1.000000	vlc_sliced_balanced	squared-particles-per-cell	AoS	disabled	7991619	9630781.92892475
128	VerletClusterLists	1.000000	vcl_c06	none	SoA	enabled	8656535	9029059.9169205
272	VerletListsCells	1.000000	vlc_sliced_c02	none	SoA	enabled	10227291	11861131.2967008
236	VerletListsCells	1.000000	vlc_sliced_balanced	none	SoA	enabled	10368463	12022455.4050267
224	VerletListsCells	1.000000	vlc_sliced	none	SoA	enabled	10383159	12039816.7052871
182	VerletLists	1.000000	vl_list_iteration	none	SoA	disabled	11021798	13065969.2281835
194	VerletListsCells	1.000000	vlc_c18	none	AoS	enabled	11550498	13011748.3205706
260	VerletListsCells	1.000000	vlc_sliced_balanced	neighbor-list-length	SoA	enabled	11662517	13305375.6220073
269	VerletListsCells	1.000000	vlc_sliced_c02	none	SoA	disabled	11810801	13558511.35627
233	VerletListsCells	1.000000	vlc_sliced_balanced	none	SoA	disabled	11866619	13648825.3549088
221	VerletListsCells	1.000000	vlc_sliced	none	SoA	disabled	11921531	13712170.3672161
185	VerletListsCells	1.000000	vlc_c01	none	AoS	disabled	12054912	13677415.8953313
206	VerletListsCells	1.000000	vlc_c08	none	AoS	enabled	12116015	16772686.3652026
248	VerletListsCells	1.000000	vlc_sliced_balanced	squared-particles-per-cell	SoA	enabled	12295721	14015686.2707506
173	VerletClusterLists	1.000000	vcl_sliced_c02	none	SoA	disabled	12374902	13117858.5088889
161	VerletClusterLists	1.000000	vcl_sliced_balanced	neighbor-list-length	SoA	disabled	12379282	13124591.9253497
149	VerletClusterLists	1.000000	vcl_sliced_balanced	none	SoA	disabled	12426506	13170590.5485949
137	VerletClusterLists	1.000000	vcl_sliced	none	SoA	disabled	12449209	13193120.3843107
257	VerletListsCells	1.000000	vlc_sliced_balanced	neighbor-list-length	SoA	disabled	13336652	15085181.0323915
245	VerletListsCells	1.000000	vlc_sliced_balanced	squared-particles-per-cell	SoA	disabled	13826820	15583396.3915842
191	VerletListsCells	1.000000	vlc_c18	none	AoS	disabled	14038785	15603041.1738639
203	VerletListsCells	1.000000	vlc_c08	none	AoS	disabled	14481271	19381075.4281106
125	VerletClusterLists	1.000000	vcl_c06	none	SoA	disabled	16458781	17198510.3349479
296	PairwiseVerletLists	1.000000	vlp_sliced	none	AoS	enabled	16481418	18859495.4210786
116	VerletClusterLists	1.000000	vcl_c01_balanced	none	SoA	disabled	16715151	17458667.5060689
308	PairwiseVerletLists	1.000000	vlp_sliced_balanced	none	AoS	enabled	17691400	20187766.9783749
188	VerletListsCells	1.000000	vlc_c01	none	SoA	disabled	17746714	19524181.9313133
200	VerletListsCells	1.000000	vlc_c18	none	SoA	enabled	18261489	19928880.9067911
320	PairwiseVerletLists	1.000000	vlp_sliced_c02	none	AoS	enabled	18438024	20982512.8976479
122	VerletClusterLists	1.000000	vcl_c06	none	AoS	enabled	18753309	19113352.1250456
134	VerletClusterLists	1.000000	vcl_sliced	none	AoS	enabled	18875532	19247694.3982053
212	VerletListsCells	1.000000	vlc_c08	none	SoA	enabled	18894459	23984019.4372589
158	VerletClusterLists	1.000000	vcl_sliced_balanced	neighbor-list-length	AoS	enabled	19043066	19415373.0297358
146	VerletClusterLists	1.000000	vcl_sliced_balanced	none	AoS	enabled	19137340	19507147.9784673
170	VerletClusterLists	1.000000	vcl_sliced_c02	none	AoS	enabled	19759243	20130488.9211017
209	VerletListsCells	1.000000	vlc_c08	none	SoA	disabled	20684006	25645991.4964891
332	PairwiseVerletLists	1.000000	vlp_c08	none	AoS	enabled	20881728	23407399.7637674
197	VerletListsCells	1.000000	vlc_c18	none	SoA	disabled	20974053	23002822.3401616
56	LinkedCells	1.000000	lc_c18	none	AoS	enabled	21507601	21546732.6851927
302	PairwiseVerletLists	1.000000	vlp_sliced	none	SoA	enabled	23837350	27598922.2149516
53	LinkedCells	1.000000	lc_c18	none	AoS	disabled	23908174	23946518.1358119
314	PairwiseVerletLists	1.000000	vlp_sliced_balanced	none	SoA	enabled	24571970	28504211.1812349
326	PairwiseVerletLists	1.000000	vlp_sliced_c02	none	SoA	enabled	24691122	28716966.0577457
104	LinkedCells	1.000000	lc_sliced_c02	none	AoS	enabled	26068331	26121398.6131261
80	LinkedCells	1.000000	lc_sliced_balanced	none	AoS	enabled	26239814	26286108.4404693
68	LinkedCells	1.000000	lc_sliced	none	AoS	enabled	26962974	26989598.1665699
338	PairwiseVerletLists	1.000000	vlp_c08	none	SoA	enabled	26976418	31080522.7844166
293	PairwiseVerletLists	1.000000	vlp_sliced	none	AoS	disabled	28003190	30605638.5101525
92	LinkedCells	1.000000	lc_sliced_balanced	squared-particles-per-cell	AoS	enabled	28320183	28372546.7805898

101	LinkedCells	1.000000	lc_sliced_c02	none	AoS	disabled	28412404	28584047.9919561
65	LinkedCells	1.000000	lc_sliced	none	AoS	disabled	28800390	28840329.102311
305	PairwiseVerletLists	1.000000	vlp_sliced_balanced	none	AoS	disabled	29413349	32091281.3049964
77	LinkedCells	1.000000	lc_sliced_balanced	none	AoS	disabled	29485086	29511223.3463563
329	PairwiseVerletLists	1.000000	vlp_c08	none	AoS	disabled	29538882	32326045.2091627
275	PairwiseVerletLists	1.000000	vlp_c01	none	AoS	disabled	31124767	34334241.9751645
89	LinkedCells	1.000000	lc_sliced_balanced	squared-particles-per-cell	AoS	disabled	31593180	31715162.8328959
14	LinkedCells	1.000000	lc_c04	none	AoS	enabled	32013297	32244121.3839512
26	LinkedCells	1.000000	lc_c04_HCP	none	AoS	enabled	32137653	32174891.7938936
317	PairwiseVerletLists	1.000000	vlp_sliced_c02	none	AoS	disabled	32512587	35317927.5874841
2	LinkedCells	1.000000	lc_c01	none	AoS	disabled	33070881	33146245.3507173
299	PairwiseVerletLists	1.000000	vlp_sliced	none	SoA	disabled	33855475	38039735.7892707
23	LinkedCells	1.000000	lc_c04_HCP	none	AoS	disabled	34557230	34594974.2987862
311	PairwiseVerletLists	1.000000	vlp_sliced_balanced	none	SoA	disabled	34712515	39085552.3503475
323	PairwiseVerletLists	1.000000	vlp_sliced_c02	none	SoA	disabled	35407252	39965598.1027835
335	PairwiseVerletLists	1.000000	vlp_c08	none	SoA	disabled	35564453	40119361.931267
119	VerletClusterLists	1.000000	vcl_c06	none	AoS	disabled	35636124	36380304.1391969
284	PairwiseVerletLists	1.000000	vlp_c18	none	AoS	enabled	36966833	39254855.8531187
11	LinkedCells	1.000000	lc_c04	none	AoS	disabled	37233876	37168935.8915765
131	VerletClusterLists	1.000000	vcl_sliced	none	AoS	disabled	37294918	38038032.5584366
155	VerletClusterLists	1.000000	vcl_sliced_balanced	neighbor-list-length	AoS	disabled	37351289	38110674.5760757
143	VerletClusterLists	1.000000	vcl_sliced_balanced	none	AoS	disabled	37360107	38105078.337208
44	LinkedCells	1.000000	lc_c08	none	AoS	enabled	37367503	37406556.9060463
278	PairwiseVerletLists	1.000000	vlp_c01	none	SoA	disabled	39011834	43934434.1454636
167	VerletClusterLists	1.000000	vcl_sliced_c02	none	AoS	disabled	39156728	39941371.639821
113	VerletClusterLists	1.000000	vcl_c01_balanced	none	AoS	disabled	39503738	40255056.9638999
41	LinkedCells	1.000000	lc_c08	none	AoS	disabled	40063055	40113950.7128533
110	LinkedCells	1.000000	lc_sliced_c02	none	SoA	enabled	50923939	50970597.0908769
290	PairwiseVerletLists	1.000000	vlp_c18	none	SoA	enabled	51976092	55555556.7026058
86	LinkedCells	1.000000	lc_sliced_balanced	none	SoA	enabled	52456004	52484287.7750731
74	LinkedCells	1.000000	lc_sliced	none	SoA	enabled	52954710	52973162.0419455
107	LinkedCells	1.000000	lc_sliced_c02	none	SoA	disabled	53345489	53397154.884113
71	LinkedCells	1.000000	lc_sliced	none	SoA	disabled	53838202	53885723.4642158
83	LinkedCells	1.000000	lc_sliced_balanced	none	SoA	disabled	54644551	54683379.7713285
98	LinkedCells	1.000000	lc_sliced_balanced	squared-particles-per-cell	SoA	enabled	55188460	55231725.926413
95	LinkedCells	1.000000	lc_sliced_balanced	squared-particles-per-cell	SoA	disabled	57169776	57222815.056328
62	LinkedCells	1.000000	lc_c18	none	SoA	enabled	61928051	61971394.0104787
281	PairwiseVerletLists	1.000000	vlp_c18	none	AoS	disabled	63401537	66090419.9281132
59	LinkedCells	1.000000	lc_c18	none	SoA	disabled	65696852	65718707.2309881
5	LinkedCells	1.000000	lc_c01	none	SoA	disabled	72853574	72909148.6053698
287	PairwiseVerletLists	1.000000	vlp_c18	none	SoA	disabled	74128222	78229915.533596
20	LinkedCells	1.000000	lc_c04	none	SoA	enabled	82477701	82576916.982176
8	LinkedCells	1.000000	lc_c01_combined_SoA	none	SoA	disabled	82915480	82962170.7329169
17	LinkedCells	1.000000	lc_c04	none	SoA	disabled	86030192	86101826.4456521
50	LinkedCells	1.000000	lc_c08	none	SoA	enabled	88895239	88930197.0390999
32	LinkedCells	1.000000	lc_c04_HCP	none	SoA	enabled	89113827	89156532.2357909
47	LinkedCells	1.000000	lc_c08	none	SoA	disabled	90282625	90336962.3291744
29	LinkedCells	1.000000	lc_c04_HCP	none	SoA	disabled	91530953	91572266.248843
38	LinkedCells	1.000000	lc_c04_combined_SoA	none	SoA	enabled	103516283	103526533.204786
35	LinkedCells	1.000000	lc_c04_combined_SoA	none	SoA	disabled	111214799	111224400.121368