Sorted(rf = 120)

Iteration	Container	CellSizeFactor	Traversal	Load Estimator	Data Layout	Newton 3	Weighted(rf=120)	Weighted(rf=3.82445)
188	VerletListsCells	1.000000	vlc_c01	none	SoA	disabled	5274295	33054138.3761717
212	VerletListsCells	1.000000	vlc_c08	none	SoA	enabled	5536167	27597149.6249526
182	VerletLists	1.000000	vl_list_iteration	none	SoA	disabled	6053420	37209326.0779981
338	PairwiseVerletLists	1.000000	vlp_c08	none	SoA	enabled	6588031	41065093.8456379
200	VerletListsCells	1.000000	vlc_c18	none	SoA	enabled	6996608	24849952.9254141
209	VerletListsCells	1.000000	vlc_c08	none	SoA	disabled	7418725	70486645.3545608
278	PairwiseVerletLists	1.000000	vlp_c01	none	SoA	disabled	7740759	66362813.4130529
290	PairwiseVerletLists	1.000000	vlp_c18	none	SoA	enabled	8016826	43586920.784871
335	PairwiseVerletLists	1.000000	vlp_c08	none	SoA	disabled	9404373	66588293.3022657
197	VerletListsCells	1.000000	vlc_c18	none	SoA	disabled	10391312	84072369.6684229
206	VerletListsCells	1.000000	vlc_c08	none	AoS	enabled	10671205	20020055.6844121
287	PairwiseVerletLists	1.000000	vlp_c18	none	SoA	disabled	10740688	68042026.4931167
224	VerletListsCells	1.000000	vlc_sliced	none	SoA	enabled	11729282	30620029.1662592
50	LinkedCells	1.000000	lc_c08	none	SoA	enabled	11830283	11845581.6703971
248	VerletListsCells	1.000000	vlc_sliced_balanced	squared-particles-per-cell	SoA	enabled	11882693	29450887.6423669
332	PairwiseVerletLists	1.000000	vlp_c08	none	AoS	enabled	11909476	27154059.9271006
272	VerletListsCells	1.000000	vlc_sliced_c02	none	SoA	enabled	12052246	29055508.9528429
260	VerletListsCells	1.000000	vlc_sliced_balanced	neighbor-list-length	SoA	enabled	12267715	29592862.4068167
32	LinkedCells	1.000000	lc_c04_HCP	none	SoA	enabled	13069532	13227389.4697015
326	PairwiseVerletLists	1.000000	vlp_sliced_c02	none	SoA	enabled	13141610	47416269.8857352
314	PairwiseVerletLists	1.000000	vlp_sliced_balanced	none	SoA	enabled	13182955	48710362.8625685
236	VerletListsCells	1.000000	vlc_sliced_balanced	none	SoA	enabled	13791894	32174042.0212841
194	VerletListsCells	1.000000	vlc_c18	none	AoS	enabled	14234091	19636794.1337839
302	PairwiseVerletLists	1.000000	vlp_sliced	none	SoA	enabled	14591933	48946672.3742891
284	PairwiseVerletLists	1.000000	vlp_c18	none	AoS	enabled	14912766	29632263.9670279
5	LinkedCells	1.000000	lc_c01	none	SoA	disabled	15007679	15062553.0341748
275	PairwiseVerletLists	1.000000	vlp_c01	none	AoS	disabled	15138885	47150663.948607
8	LinkedCells	1.000000	lc_c01_combined_SoA	none	SoA	disabled	15277763	15234103.9117651
38	LinkedCells	1.000000	lc_c04_combined_SoA	none	SoA	enabled	16000428	16064323.2006171
185	VerletListsCells	1.000000	vlc_c01	none	AoS	disabled	16775600	30085843.0414831
245	VerletListsCells	1.000000	vlc_sliced_balanced	squared-particles-per-cell	SoA	disabled	16937082	85815276.2501536
62	LinkedCells	1.000000	lc_c18	none	SoA	enabled	17096027	17178570.1107741
311	PairwiseVerletLists	1.000000	vlp_sliced_balanced	none	SoA	disabled	17242609	73692276.7953693
221	VerletListsCells	1.000000	vlc_sliced	none	SoA	disabled	17490403	87360017.454366
269	VerletListsCells	1.000000	vlc_sliced_c02	none	SoA	disabled	17546712	92828440.091621
257	VerletListsCells	1.000000	vlc_sliced_balanced	neighbor-list-length	SoA	disabled	17716227	93956487.6910798
233	VerletListsCells	1.000000	vlc_sliced_balanced	none	SoA	disabled	17817428	91412658.9482409
323	PairwiseVerletLists	1.000000	vlp_sliced_c02	none	SoA	disabled	18138110	73703598.3708769
299	PairwiseVerletLists	1.000000	vlp_sliced	none	SoA	disabled	18211370	76764289.7662409
47	LinkedCells	1.000000	lc_c08	none	SoA	disabled	18447467	18472413.8551033
203	VerletListsCells	1.000000	vlc_c08	none	AoS	disabled	19176894	62372403.1581796
44	LinkedCells	1.000000	lc_c08	none	AoS	enabled	19780583	19837639.0472748
329	PairwiseVerletLists	1.000000	vlp_c08	none	AoS	disabled	20758316	46120878.1984861
29	LinkedCells	1.000000	lc_c04_HCP	none	SoA	disabled	21241910	21630682.2417603
179	VerletLists	1.000000	vl_list_iteration	none	AoS	disabled	21712944	31831548.505223
26	LinkedCells	1.000000	lc_c04_HCP	none	AoS	enabled	23540783	23745378.9549739
20	LinkedCells	1.000000	lc_c04	none	SoA	enabled	26602691	26609962.3723542
35	LinkedCells	1.000000	lc_c04_combined_SoA	none	SoA	disabled	26670544	26779513.394292
281	PairwiseVerletLists	1.000000	vlp_c18	none	AoS	disabled	27179568	52900024.2747585
86	LinkedCells	1.000000	lc_sliced_balanced	none	SoA	enabled	27469359	27514249.899345
266	VerletListsCells	1.000000	vlc_sliced_c02	none	AoS	enabled	27550715	34078754.3259161
59	LinkedCells	1.000000	lc_c18	none	SoA	disabled	27607885	27722266.937272
98	LinkedCells	1.000000	lc_sliced_balanced	squared-particles-per-cell	SoA	enabled	27735269	27789029.9329446
74	LinkedCells	1.000000	lc_sliced	none	SoA	enabled	27751706	27795710.7588542
110	LinkedCells	1.000000	lc_sliced_c02	none	SoA	enabled	27823794	27865378.8030436
242	VerletListsCells	1.000000	vlc_sliced_balanced	squared-particles-per-cell	AoS	enabled	27934438	33583904.9821804
56	LinkedCells	1.000000	lc_c18	none	AoS	enabled	28165626	28234361.1122384
254	VerletListsCells	1.000000	vlc_sliced_balanced	neighbor-list-length	AoS	enabled	28186064	35532669.9171907
191	VerletListsCells	1.000000	vlc_c18	none	AoS	disabled	29073705	75032645.5012485
230	VerletListsCells	1.000000	vlc_sliced_balanced	none	AoS	enabled	29658970	35330174.4869197

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320	PairwiseVerletLists	1.000000	vlp_sliced_c02	none	AoS	enabled	30611339	46562171.4072742
41	LinkedCells	1.000000	lc_c08	none	AoS	disabled	30644994	30713513.1334702
218	VerletListsCells	1.000000	vlc_sliced	none	AoS	enabled	31002415	36295943.4812195
2	LinkedCells	1.000000	lc_c01	none	AoS	disabled	31156477	32404287.7963237
308	PairwiseVerletLists	1.000000	vlp_sliced_balanced	none	AoS	enabled	31165804	46603456.2114291
296	PairwiseVerletLists	1.000000	vlp_sliced	none	AoS	enabled	31831113	47376869.9062218
23	LinkedCells	1.000000	lc_c04_HCP	none	AoS	disabled	39062761	39520754.1754893
14	LinkedCells	1.000000	lc_c04	none	AoS	enabled	42079547	42372725.1040411
17	LinkedCells	1.000000	lc_c04	none	SoA	disabled	43821160	43870231.8926905
83	LinkedCells	1.000000	lc_sliced_balanced	none	SoA	disabled	45460894	45556142.2056243
107	LinkedCells	1.000000	lc_sliced_c02	none	SoA	disabled	45995130	46070520.7097753
95	LinkedCells	1.000000	lc_sliced_balanced	squared-particles-per-cell	SoA	disabled	46141540	46215418.3354469
53	LinkedCells	1.000000	lc_c18	none	AoS	disabled	46158591	46282005.347161
71	LinkedCells	1.000000	lc_sliced	none	SoA	disabled	46656869	47259560.8903372
92	LinkedCells	1.000000	lc_sliced_balanced	squared-particles-per-cell	AoS	enabled	48158824	48175419.0659572
80	LinkedCells	1.000000	lc_sliced_balanced	none	AoS	enabled	48820657	48882607.3458014
104	LinkedCells	1.000000	lc_sliced_c02	none	AoS	enabled	52077930	51920191.5016538
122	VerletClusterLists	1.000000	vcl_c06	none	AoS	enabled	54327204	56090290.9798272
68	LinkedCells	1.000000	lc_sliced	none	AoS	enabled	55726867	55263795.9701787
215	VerletListsCells	1.000000	vlc_sliced	none	AoS	disabled	56300293	104110740.253853
251	VerletListsCells	1.000000	vlc_sliced_balanced	neighbor-list-length	AoS	disabled	57378497	106271410.490829
239	VerletListsCells	1.000000	vlc_sliced_balanced	squared-particles-per-cell	AoS	disabled	58406263	108229229.701094
305	PairwiseVerletLists	1.000000	vlp_sliced_balanced	none	AoS	disabled	58479432	83316648.5932356
263	VerletListsCells	1.000000	vlc_sliced_c02	none	AoS	disabled	59008749	107227523.725778
293	PairwiseVerletLists	1.000000	vlp_sliced	none	AoS	disabled	59428869	85025165.460929
227	VerletListsCells	1.000000	vlc_sliced_balanced	none	AoS	disabled	59454597	107003543.907398
317	PairwiseVerletLists	1.000000	vlp_sliced_c02	none	AoS	disabled	59998651	85704845.8776948
113	VerletClusterLists	1.000000	vcl_c01_balanced	none	AoS	disabled	61099638	64425537.6718482
128	VerletClusterLists	1.000000	vcl_c06	none	SoA	enabled	69452413	71110517.3025795
11	LinkedCells	1.000000	lc_c04	none	AoS	disabled	79428813	78151161.8344729
89	LinkedCells	1.000000	lc_sliced_balanced	squared-particles-per-cell	AoS	disabled	84703333	84541283.5549818
77	LinkedCells	1.000000	lc_sliced_balanced	none	AoS	disabled	86736996	87093410.1249068
101	LinkedCells	1.000000	lc_sliced_c02	none	AoS	disabled	88074750	87785634.4409
65	LinkedCells	1.000000	lc_sliced	none	AoS	disabled	96555064	96905816.6572448
116	VerletClusterLists	1.000000	vcl_c01_balanced	none	SoA	disabled	96800830	96995237.8233471
119	VerletClusterLists	1.000000	vcl_c06	none	AoS	disabled	105159326	107372184.058021
134	VerletClusterLists	1.000000	vcl_sliced	none	AoS	enabled	110274147	126592370.012459
170	VerletClusterLists	1.000000	vcl_sliced_c02	none	AoS	enabled	126247089	124891151.806417
125	VerletClusterLists	1.000000	vcl_c06	none	SoA	disabled	134406548	137506687.104969
158	VerletClusterLists	1.000000	vcl_sliced_balanced	neighbor-list-length	AoS	enabled	134609726	134914950.542091
140	VerletClusterLists	1.000000	vcl_sliced	none	SoA	enabled	150452755	166162420.180614
146	VerletClusterLists	1.000000	vcl_sliced_balanced	none	AoS	enabled	158021803	158647075.130633
164	VerletClusterLists	1.000000	vcl_sliced_balanced	neighbor-list-length	SoA	enabled	187327884	195772178.735191
176	VerletClusterLists	1.000000	vcl_sliced_c02	none	SoA	enabled	189967338	190313628.316255
152	VerletClusterLists	1.000000	vcl_sliced_balanced	none	SoA	enabled	205976043	205653250.964544
131	VerletClusterLists	1.000000	vcl_sliced	none	AoS	disabled	215081646	248368224.200787
167	VerletClusterLists	1.000000	vcl_sliced_c02	none	AoS	disabled	216527626	218261055.904954
155	VerletClusterLists	1.000000	vcl_sliced_balanced	neighbor-list-length	AoS	disabled	258863725	262512578.560643
137	VerletClusterLists	1.000000	vcl_sliced	none	SoA	disabled	282061704	314373823.912667
173	VerletClusterLists	1.000000	vcl_sliced_c02	none	SoA	disabled	310143639	320692265.599903
143	VerletClusterLists	1.000000	vcl_sliced_balanced	none	AoS	disabled	320719743	316844340.262351
161	VerletClusterLists	1.000000	vcl_sliced_balanced	neighbor-list-length	SoA	disabled	346346457	348104476.845991
149	VerletClusterLists	1.000000	vcl_sliced_balanced	none	SoA	disabled	387485288	389781272.52065