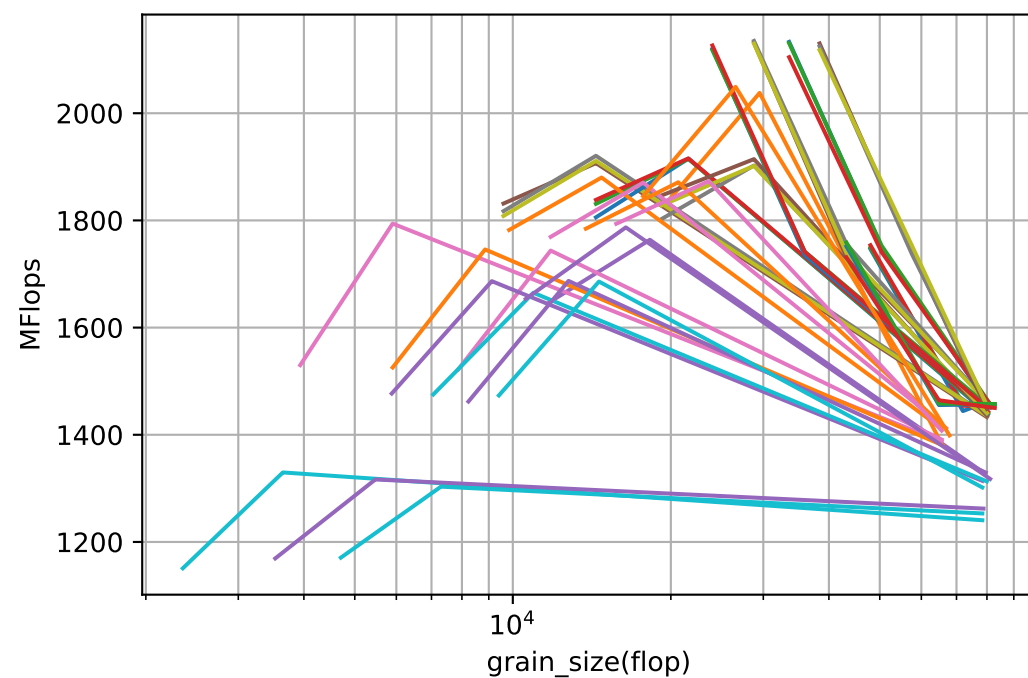# dmatdmatdmatadd

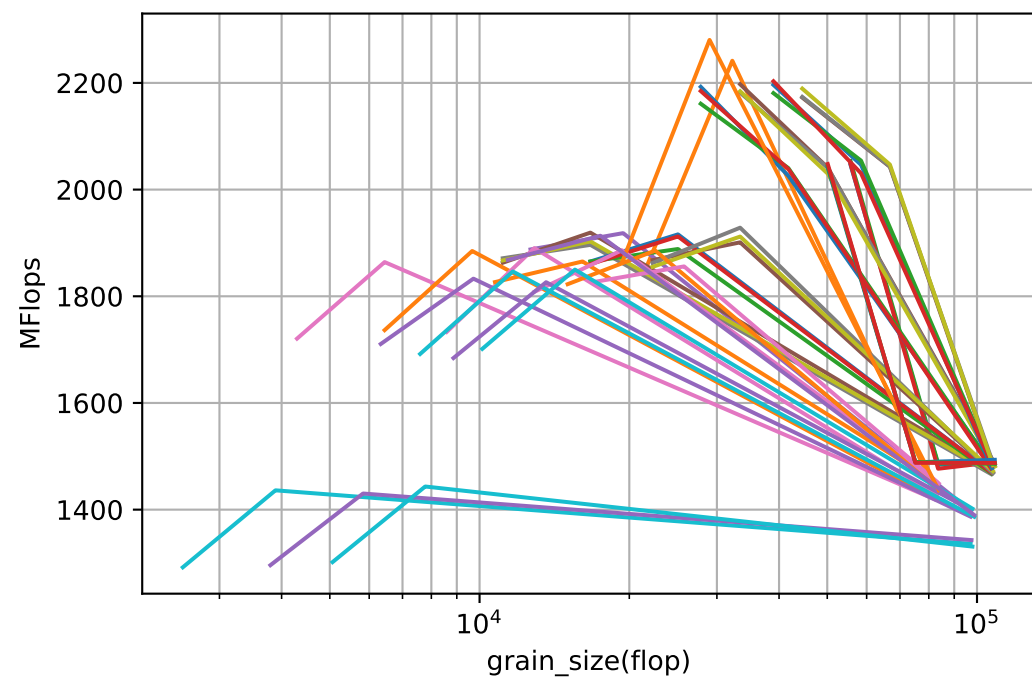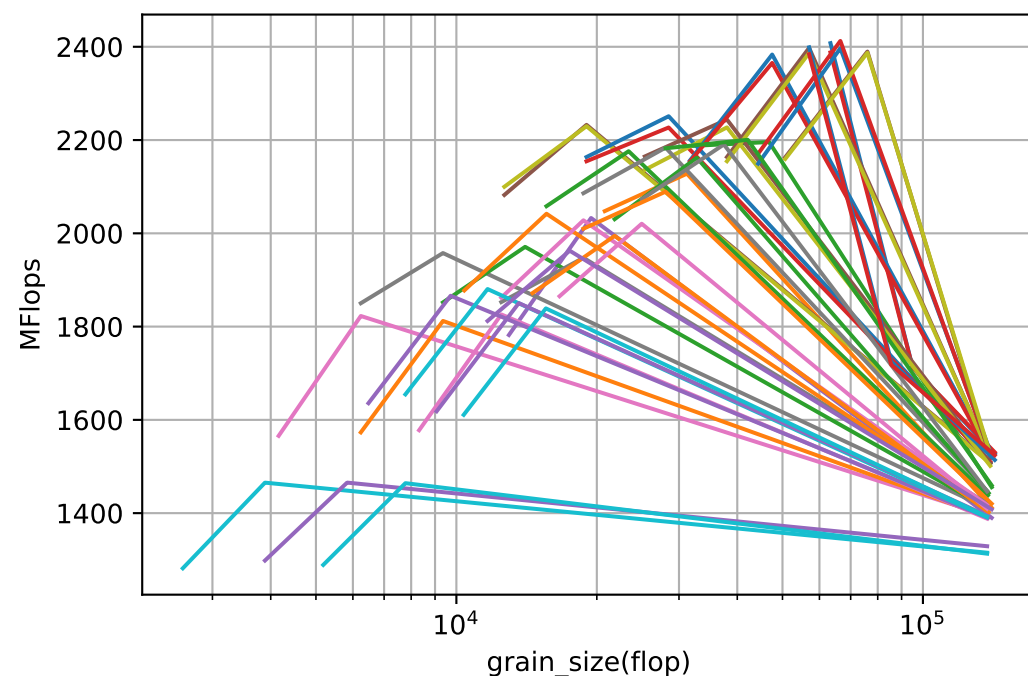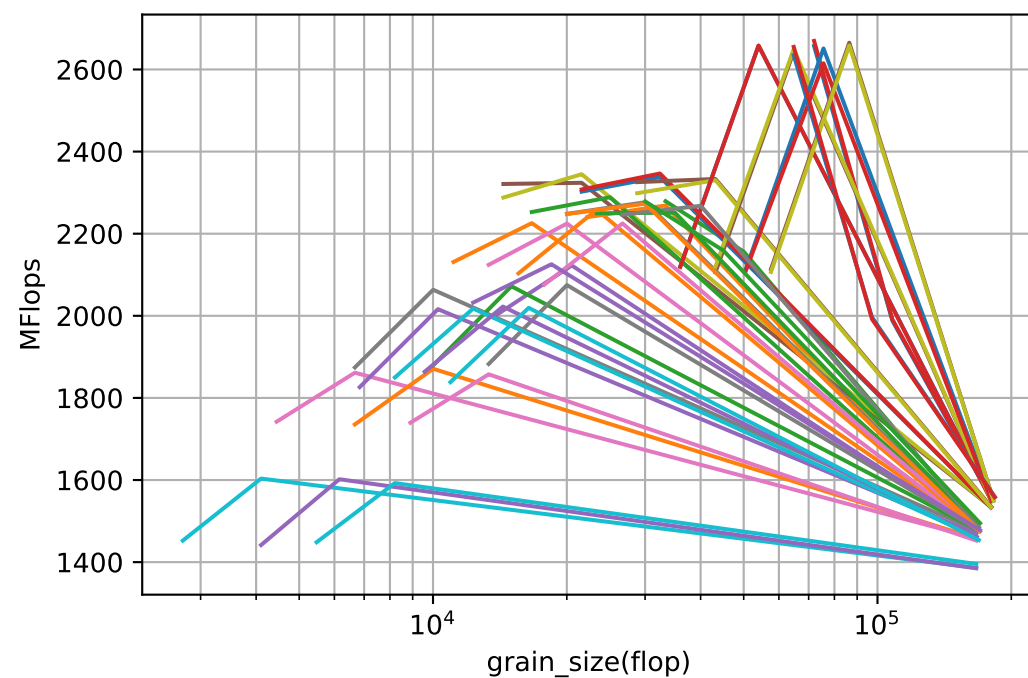|	
——	2 threads matrix_size:200 block_size:10-200 num_blocks:20
——	2 threads matrix_size:200 block_size:10-128 num_blocks:40
——	2 threads matrix_size:200 block_size:10-200 num_blocks:20
——	2 threads matrix_size:200 block_size:10-200 num_blocks:20
——	2 threads matrix_size:200 block_size:10-64 num_blocks:80
——	2 threads matrix_size:200 block_size:2-200 num_blocks:100
——	2 threads matrix_size:200 block_size:2-128 num_blocks:200
——	2 threads matrix_size:200 block_size:2-200 num_blocks:100
——	2 threads matrix_size:200 block_size:2-200 num_blocks:100
——	2 threads matrix_size:200 block_size:2-64 num_blocks:400
——	2 threads matrix_size:200 block_size:3-200 num_blocks:67
——	2 threads matrix_size:200 block_size:3-128 num_blocks:134
——	2 threads matrix_size:200 block_size:3-200 num_blocks:67
——	2 threads matrix_size:200 block_size:3-200 num_blocks:67
——	2 threads matrix_size:200 block_size:3-64 num_blocks:268
——	2 threads matrix_size:200 block_size:4-200 num_blocks:50
——	2 threads matrix_size:200 block_size:4-128 num_blocks:100
——	2 threads matrix_size:200 block_size:4-200 num_blocks:50
——	2 threads matrix_size:200 block_size:4-200 num_blocks:50
——	2 threads matrix_size:200 block_size:4-64 num_blocks:200
——	2 threads matrix_size:200 block_size:5-200 num_blocks:40
——	2 threads matrix_size:200 block_size:5-128 num_blocks:80
——	2 threads matrix_size:200 block_size:5-200 num_blocks:40
——	2 threads matrix_size:200 block_size:5-200 num_blocks:40
——	2 threads matrix_size:200 block_size:5-64 num_blocks:160
——	2 threads matrix_size:200 block_size:6-200 num_blocks:34
——	2 threads matrix_size:200 block_size:6-128 num_blocks:68
——	2 threads matrix_size:200 block_size:6-200 num_blocks:34
——	2 threads matrix_size:200 block_size:6-200 num_blocks:34
——	2 threads matrix_size:200 block_size:6-64 num_blocks:136
——	2 threads matrix_size:200 block_size:7-200 num_blocks:29
——	2 threads matrix_size:200 block_size:7-128 num_blocks:58
——	2 threads matrix_size:200 block_size:7-200 num_blocks:29
——	2 threads matrix_size:200 block_size:7-200 num_blocks:29
——	2 threads matrix_size:200 block_size:7-64 num_blocks:116
——	2 threads matrix_size:200 block_size:8-200 num_blocks:25
——	2 threads matrix_size:200 block_size:8-128 num_blocks:50
——	2 threads matrix_size:200 block_size:8-200 num_blocks:25
——	2 threads matrix_size:200 block_size:8-200 num_blocks:25
——	2 threads matrix_size:200 block_size:8-64 num_blocks:100
——	2 threads matrix_size:200 block_size:9-200 num_blocks:23
——	2 threads matrix_size:200 block_size:9-128 num_blocks:46
——	2 threads matrix_size:200 block_size:9-200 num_blocks:23
——	2 threads matrix_size:200 block_size:9-200 num_blocks:23
——	2 threads matrix_size:200 block_size:9-64 num_blocks:92

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2 threads	matrix_size:230	block_size:10-232 num_blocks:23
2 threads	matrix_size:230	block_size:10-128 num_blocks:46
2 threads	matrix_size:230	block_size:10-232 num_blocks:23
2 threads	matrix_size:230	block_size:10-232 num_blocks:23
2 threads	matrix_size:230	block_size:10-64 num_blocks:92
2 threads	matrix_size:230	block_size:2-232 num_blocks:115
2 threads	matrix_size:230	block_size:2-128 num_blocks:230
2 threads	matrix_size:230	block_size:2-232 num_blocks:115
2 threads	matrix_size:230	block_size:2-232 num_blocks:115
2 threads	matrix_size:230	block_size:2-64 num_blocks:460
2 threads	matrix_size:230	block_size:3-232 num_blocks:77
2 threads	matrix_size:230	block_size:3-128 num_blocks:154
2 threads	matrix_size:230	block_size:3-232 num_blocks:77
2 threads	matrix_size:230	block_size:3-232 num_blocks:77
2 threads	matrix_size:230	block_size:3-64 num_blocks:308
2 threads	matrix_size:230	block_size:4-232 num_blocks:58
2 threads	matrix_size:230	block_size:4-128 num_blocks:116
2 threads	matrix_size:230	block_size:4-232 num_blocks:58
2 threads	matrix_size:230	block_size:4-232 num_blocks:58
2 threads	matrix_size:230	block_size:4-64 num_blocks:232
2 threads	matrix_size:230	block_size:5-232 num_blocks:46
2 threads	matrix_size:230	block_size:5-128 num_blocks:92
2 threads	matrix_size:230	block_size:5-232 num_blocks:46
2 threads	matrix_size:230	block_size:5-232 num_blocks:46
2 threads	matrix_size:230	block_size:5-64 num_blocks:184
2 threads	matrix_size:230	block_size:6-232 num_blocks:39
2 threads	matrix_size:230	block_size:6-128 num_blocks:78
2 threads	matrix_size:230	block_size:6-232 num_blocks:39
2 threads	matrix_size:230	block_size:6-232 num_blocks:39
2 threads	matrix_size:230	block_size:6-64 num_blocks:156
2 threads	matrix_size:230	block_size:7-232 num_blocks:33
2 threads	matrix_size:230	block_size:7-128 num_blocks:66
2 threads	matrix_size:230	block_size:7-232 num_blocks:33
2 threads	matrix_size:230	block_size:7-232 num_blocks:33
2 threads	matrix_size:230	block_size:7-64 num_blocks:132
2 threads	matrix_size:230	block_size:8-232 num_blocks:29
2 threads	matrix_size:230	block_size:8-128 num_blocks:58
2 threads	matrix_size:230	block_size:8-232 num_blocks:29
2 threads	matrix_size:230	block_size:8-232 num_blocks:29
2 threads	matrix_size:230	block_size:8-64 num_blocks:116
2 threads	matrix_size:230	block_size:9-232 num_blocks:26
2 threads	matrix_size:230	block_size:9-128 num_blocks:52
2 threads	matrix_size:230	block_size:9-232 num_blocks:26
2 threads	matrix_size:230	block_size:9-232 num_blocks:26
2 threads	matrix_size:230	block_size:9-64 num_blocks:104

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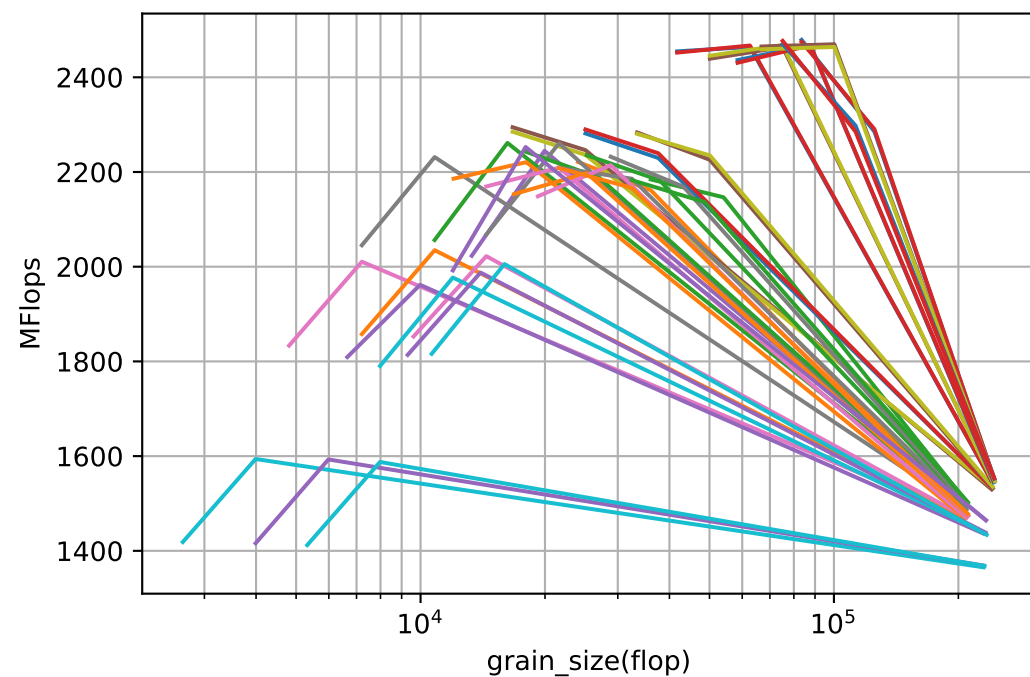|			
2 threads	matrix_size:264	block_size:10-264	num_blocks:27
2 threads	matrix_size:264	block_size:10-128	num_blocks:81
2 threads	matrix_size:264	block_size:10-256	num_blocks:54
2 threads	matrix_size:264	block_size:10-264	num_blocks:27
2 threads	matrix_size:264	block_size:10-64	num_blocks:135
2 threads	matrix_size:264	block_size:2-264	num_blocks:132
2 threads	matrix_size:264	block_size:2-128	num_blocks:396
2 threads	matrix_size:264	block_size:2-256	num_blocks:264
2 threads	matrix_size:264	block_size:2-264	num_blocks:132
2 threads	matrix_size:264	block_size:2-64	num_blocks:660
2 threads	matrix_size:264	block_size:3-264	num_blocks:88
2 threads	matrix_size:264	block_size:3-128	num_blocks:264
2 threads	matrix_size:264	block_size:3-256	num_blocks:176
2 threads	matrix_size:264	block_size:3-264	num_blocks:88
2 threads	matrix_size:264	block_size:3-64	num_blocks:440
2 threads	matrix_size:264	block_size:4-264	num_blocks:66
2 threads	matrix_size:264	block_size:4-128	num_blocks:198
2 threads	matrix_size:264	block_size:4-256	num_blocks:132
2 threads	matrix_size:264	block_size:4-264	num_blocks:66
2 threads	matrix_size:264	block_size:4-64	num_blocks:330
2 threads	matrix_size:264	block_size:5-264	num_blocks:53
2 threads	matrix_size:264	block_size:5-128	num_blocks:159
2 threads	matrix_size:264	block_size:5-256	num_blocks:106
2 threads	matrix_size:264	block_size:5-264	num_blocks:53
2 threads	matrix_size:264	block_size:5-64	num_blocks:265
2 threads	matrix_size:264	block_size:6-264	num_blocks:44
2 threads	matrix_size:264	block_size:6-128	num_blocks:132
2 threads	matrix_size:264	block_size:6-256	num_blocks:88
2 threads	matrix_size:264	block_size:6-264	num_blocks:44
2 threads	matrix_size:264	block_size:6-64	num_blocks:220
2 threads	matrix_size:264	block_size:7-264	num_blocks:38
2 threads	matrix_size:264	block_size:7-128	num_blocks:114
2 threads	matrix_size:264	block_size:7-256	num_blocks:76
2 threads	matrix_size:264	block_size:7-264	num_blocks:38
2 threads	matrix_size:264	block_size:7-64	num_blocks:190
2 threads	matrix_size:264	block_size:8-264	num_blocks:33
2 threads	matrix_size:264	block_size:8-128	num_blocks:99
2 threads	matrix_size:264	block_size:8-256	num_blocks:66
2 threads	matrix_size:264	block_size:8-264	num_blocks:33
2 threads	matrix_size:264	block_size:8-64	num_blocks:165
2 threads	matrix_size:264	block_size:9-264	num_blocks:30
2 threads	matrix_size:264	block_size:9-128	num_blocks:90
2 threads	matrix_size:264	block_size:9-256	num_blocks:60
2 threads	matrix_size:264	block_size:9-264	num_blocks:30
2 threads	matrix_size:264	block_size:9-64	num_blocks:150

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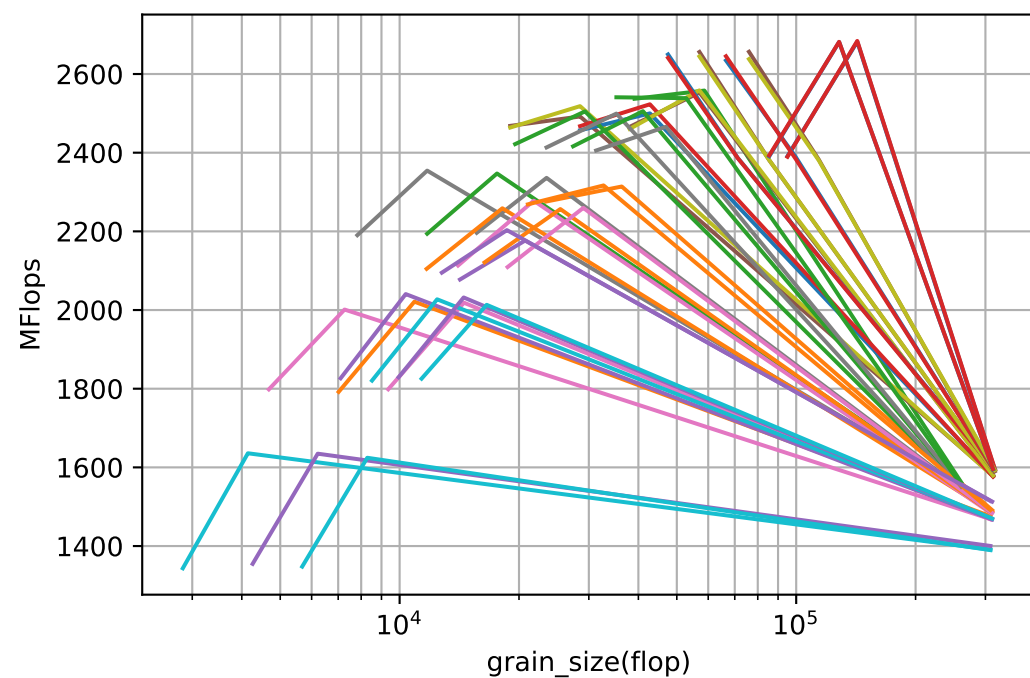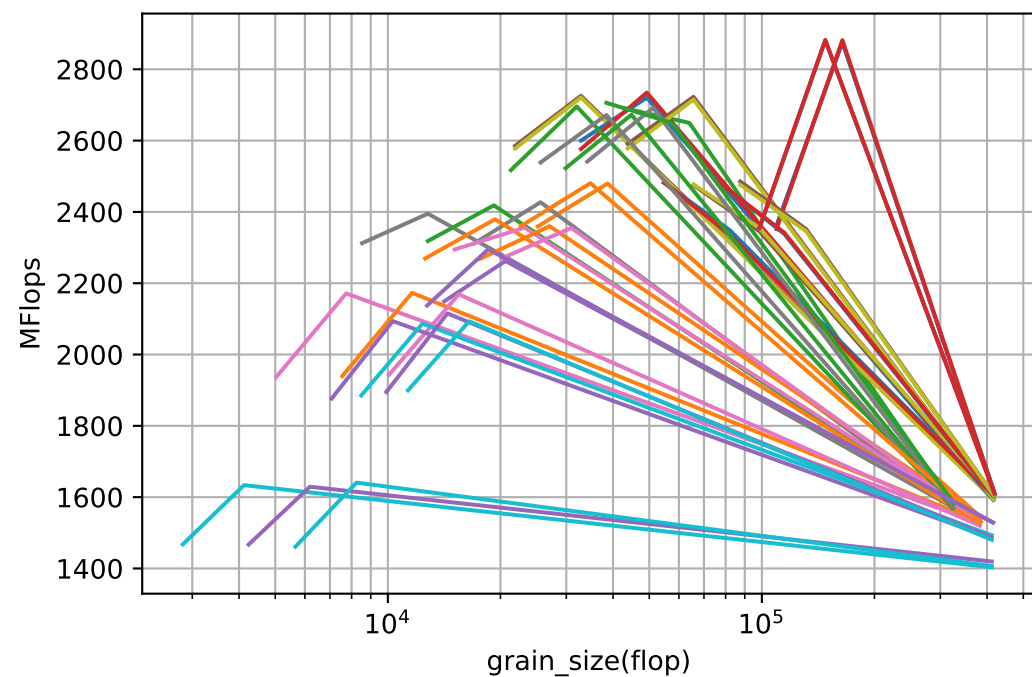|		
2 threads	matrix_size:300	block_size:10-300 num_blocks:30
2 threads	matrix_size:300	block_size:10-128 num_blocks:90
2 threads	matrix_size:300	block_size:10-256 num_blocks:60
2 threads	matrix_size:300	block_size:10-300 num_blocks:30
2 threads	matrix_size:300	block_size:10-64 num_blocks:150
2 threads	matrix_size:300	block_size:2-300 num_blocks:150
2 threads	matrix_size:300	block_size:2-128 num_blocks:450
2 threads	matrix_size:300	block_size:2-256 num_blocks:300
2 threads	matrix_size:300	block_size:2-300 num_blocks:150
2 threads	matrix_size:300	block_size:2-64 num_blocks:750
2 threads	matrix_size:300	block_size:3-300 num_blocks:100
2 threads	matrix_size:300	block_size:3-128 num_blocks:300
2 threads	matrix_size:300	block_size:3-256 num_blocks:200
2 threads	matrix_size:300	block_size:3-300 num_blocks:100
2 threads	matrix_size:300	block_size:3-64 num_blocks:500
2 threads	matrix_size:300	block_size:4-300 num_blocks:75
2 threads	matrix_size:300	block_size:4-128 num_blocks:225
2 threads	matrix_size:300	block_size:4-256 num_blocks:150
2 threads	matrix_size:300	block_size:4-300 num_blocks:75
2 threads	matrix_size:300	block_size:4-64 num_blocks:375
2 threads	matrix_size:300	block_size:5-300 num_blocks:60
2 threads	matrix_size:300	block_size:5-128 num_blocks:180
2 threads	matrix_size:300	block_size:5-256 num_blocks:120
2 threads	matrix_size:300	block_size:5-300 num_blocks:60
2 threads	matrix_size:300	block_size:5-64 num_blocks:300
2 threads	matrix_size:300	block_size:6-300 num_blocks:50
2 threads	matrix_size:300	block_size:6-128 num_blocks:150
2 threads	matrix_size:300	block_size:6-256 num_blocks:100
2 threads	matrix_size:300	block_size:6-300 num_blocks:50
2 threads	matrix_size:300	block_size:6-64 num_blocks:250
2 threads	matrix_size:300	block_size:7-300 num_blocks:43
2 threads	matrix_size:300	block_size:7-128 num_blocks:129
2 threads	matrix_size:300	block_size:7-256 num_blocks:86
2 threads	matrix_size:300	block_size:7-300 num_blocks:43
2 threads	matrix_size:300	block_size:7-64 num_blocks:215
2 threads	matrix_size:300	block_size:8-300 num_blocks:38
2 threads	matrix_size:300	block_size:8-128 num_blocks:114
2 threads	matrix_size:300	block_size:8-256 num_blocks:76
2 threads	matrix_size:300	block_size:8-300 num_blocks:38
2 threads	matrix_size:300	block_size:8-64 num_blocks:190
2 threads	matrix_size:300	block_size:9-300 num_blocks:34
2 threads	matrix_size:300	block_size:9-128 num_blocks:102
2 threads	matrix_size:300	block_size:9-256 num_blocks:68
2 threads	matrix_size:300	block_size:9-300 num_blocks:34
2 threads	matrix_size:300	block_size:9-64 num_blocks:170

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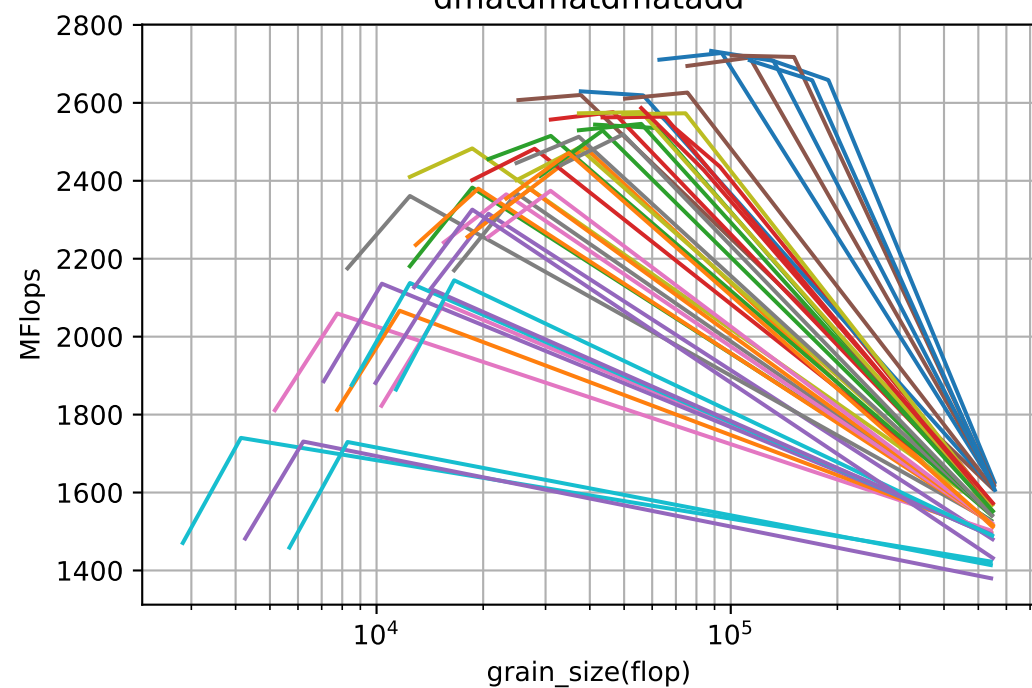|			
2 threads	matrix_size:345	block_size:10-348	num_blocks:35
2 threads	matrix_size:345	block_size:10-128	num_blocks:105
2 threads	matrix_size:345	block_size:10-256	num_blocks:70
2 threads	matrix_size:345	block_size:10-348	num_blocks:35
2 threads	matrix_size:345	block_size:10-64	num_blocks:210
2 threads	matrix_size:345	block_size:2-348	num_blocks:173
2 threads	matrix_size:345	block_size:2-128	num_blocks:519
2 threads	matrix_size:345	block_size:2-256	num_blocks:346
2 threads	matrix_size:345	block_size:2-348	num_blocks:173
2 threads	matrix_size:345	block_size:2-64	num_blocks:1038
2 threads	matrix_size:345	block_size:3-348	num_blocks:115
2 threads	matrix_size:345	block_size:3-128	num_blocks:345
2 threads	matrix_size:345	block_size:3-256	num_blocks:230
2 threads	matrix_size:345	block_size:3-348	num_blocks:115
2 threads	matrix_size:345	block_size:3-64	num_blocks:690
2 threads	matrix_size:345	block_size:4-348	num_blocks:87
2 threads	matrix_size:345	block_size:4-128	num_blocks:261
2 threads	matrix_size:345	block_size:4-256	num_blocks:174
2 threads	matrix_size:345	block_size:4-348	num_blocks:87
2 threads	matrix_size:345	block_size:4-64	num_blocks:522
2 threads	matrix_size:345	block_size:5-348	num_blocks:69
2 threads	matrix_size:345	block_size:5-128	num_blocks:207
2 threads	matrix_size:345	block_size:5-256	num_blocks:138
2 threads	matrix_size:345	block_size:5-348	num_blocks:69
2 threads	matrix_size:345	block_size:5-64	num_blocks:414
2 threads	matrix_size:345	block_size:6-348	num_blocks:58
2 threads	matrix_size:345	block_size:6-128	num_blocks:174
2 threads	matrix_size:345	block_size:6-256	num_blocks:116
2 threads	matrix_size:345	block_size:6-348	num_blocks:58
2 threads	matrix_size:345	block_size:6-64	num_blocks:348
2 threads	matrix_size:345	block_size:7-348	num_blocks:50
2 threads	matrix_size:345	block_size:7-128	num_blocks:150
2 threads	matrix_size:345	block_size:7-256	num_blocks:100
2 threads	matrix_size:345	block_size:7-348	num_blocks:50
2 threads	matrix_size:345	block_size:7-64	num_blocks:300
2 threads	matrix_size:345	block_size:8-348	num_blocks:44
2 threads	matrix_size:345	block_size:8-128	num_blocks:132
2 threads	matrix_size:345	block_size:8-256	num_blocks:88
2 threads	matrix_size:345	block_size:8-348	num_blocks:44
2 threads	matrix_size:345	block_size:8-64	num_blocks:264
2 threads	matrix_size:345	block_size:9-348	num_blocks:39
2 threads	matrix_size:345	block_size:9-128	num_blocks:117
2 threads	matrix_size:345	block_size:9-256	num_blocks:78
2 threads	matrix_size:345	block_size:9-348	num_blocks:39
2 threads	matrix_size:345	block_size:9-64	num_blocks:234

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2 threads	matrix_size:396	block_size:10-396	num_blocks:40
2 threads	matrix_size:396	block_size:10-128	num_blocks:160
2 threads	matrix_size:396	block_size:10-256	num_blocks:80
2 threads	matrix_size:396	block_size:10-396	num_blocks:40
2 threads	matrix_size:396	block_size:10-64	num_blocks:280
2 threads	matrix_size:396	block_size:2-396	num_blocks:198
2 threads	matrix_size:396	block_size:2-128	num_blocks:792
2 threads	matrix_size:396	block_size:2-256	num_blocks:396
2 threads	matrix_size:396	block_size:2-396	num_blocks:198
2 threads	matrix_size:396	block_size:2-64	num_blocks:1386
2 threads	matrix_size:396	block_size:3-396	num_blocks:132
2 threads	matrix_size:396	block_size:3-128	num_blocks:528
2 threads	matrix_size:396	block_size:3-256	num_blocks:264
2 threads	matrix_size:396	block_size:3-396	num_blocks:132
2 threads	matrix_size:396	block_size:3-64	num_blocks:924
2 threads	matrix_size:396	block_size:4-396	num_blocks:99
2 threads	matrix_size:396	block_size:4-128	num_blocks:396
2 threads	matrix_size:396	block_size:4-256	num_blocks:198
2 threads	matrix_size:396	block_size:4-396	num_blocks:99
2 threads	matrix_size:396	block_size:4-64	num_blocks:693
2 threads	matrix_size:396	block_size:5-396	num_blocks:80
2 threads	matrix_size:396	block_size:5-128	num_blocks:320
2 threads	matrix_size:396	block_size:5-256	num_blocks:160
2 threads	matrix_size:396	block_size:5-396	num_blocks:80
2 threads	matrix_size:396	block_size:5-64	num_blocks:560
2 threads	matrix_size:396	block_size:6-396	num_blocks:66
2 threads	matrix_size:396	block_size:6-128	num_blocks:264
2 threads	matrix_size:396	block_size:6-256	num_blocks:132
2 threads	matrix_size:396	block_size:6-396	num_blocks:66
2 threads	matrix_size:396	block_size:6-64	num_blocks:462
2 threads	matrix_size:396	block_size:7-396	num_blocks:57
2 threads	matrix_size:396	block_size:7-128	num_blocks:228
2 threads	matrix_size:396	block_size:7-256	num_blocks:114
2 threads	matrix_size:396	block_size:7-396	num_blocks:57
2 threads	matrix_size:396	block_size:7-64	num_blocks:399
2 threads	matrix_size:396	block_size:8-396	num_blocks:50
2 threads	matrix_size:396	block_size:8-128	num_blocks:200
2 threads	matrix_size:396	block_size:8-256	num_blocks:100
2 threads	matrix_size:396	block_size:8-396	num_blocks:50
2 threads	matrix_size:396	block_size:8-64	num_blocks:350
2 threads	matrix_size:396	block_size:9-396	num_blocks:44
2 threads	matrix_size:396	block_size:9-128	num_blocks:176
2 threads	matrix_size:396	block_size:9-256	num_blocks:88
2 threads	matrix_size:396	block_size:9-396	num_blocks:44
2 threads	matrix_size:396	block_size:9-64	num_blocks:308

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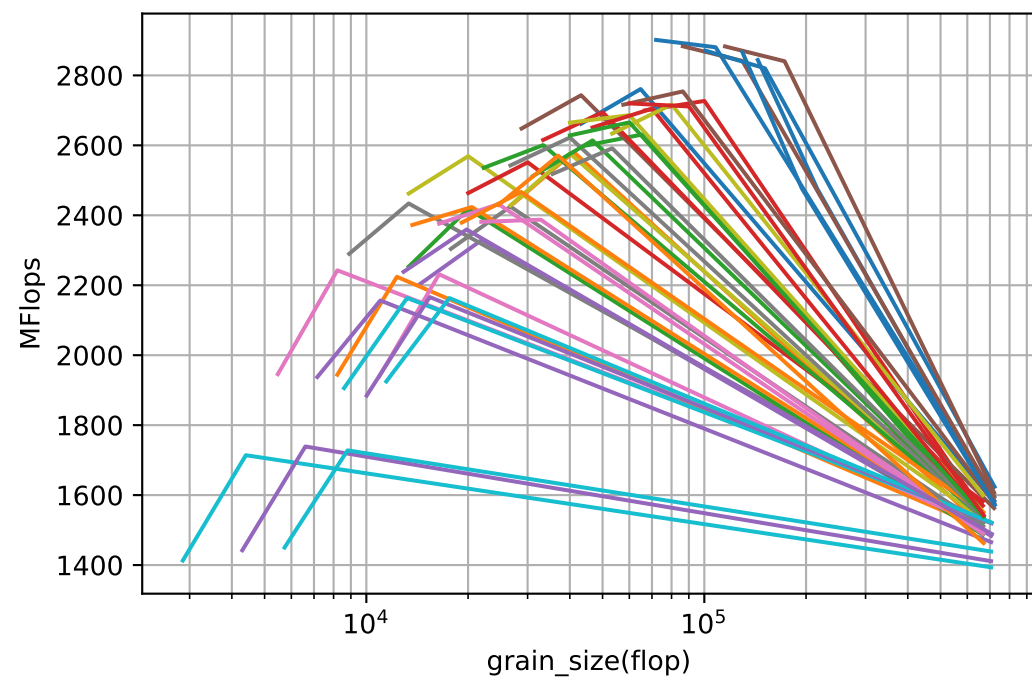|			
2 threads	matrix_size:455	block_size:10-456	num_blocks:46
2 threads	matrix_size:455	block_size:10-128	num_blocks:184
2 threads	matrix_size:455	block_size:10-256	num_blocks:92
2 threads	matrix_size:455	block_size:10-456	num_blocks:46
2 threads	matrix_size:455	block_size:10-64	num_blocks:368
2 threads	matrix_size:455	block_size:2-456	num_blocks:228
2 threads	matrix_size:455	block_size:2-128	num_blocks:912
2 threads	matrix_size:455	block_size:2-256	num_blocks:456
2 threads	matrix_size:455	block_size:2-456	num_blocks:228
2 threads	matrix_size:455	block_size:2-64	num_blocks:1824
2 threads	matrix_size:455	block_size:3-456	num_blocks:152
2 threads	matrix_size:455	block_size:3-128	num_blocks:608
2 threads	matrix_size:455	block_size:3-256	num_blocks:304
2 threads	matrix_size:455	block_size:3-456	num_blocks:152
2 threads	matrix_size:455	block_size:3-64	num_blocks:1216
2 threads	matrix_size:455	block_size:4-456	num_blocks:114
2 threads	matrix_size:455	block_size:4-128	num_blocks:456
2 threads	matrix_size:455	block_size:4-256	num_blocks:228
2 threads	matrix_size:455	block_size:4-456	num_blocks:114
2 threads	matrix_size:455	block_size:4-64	num_blocks:912
2 threads	matrix_size:455	block_size:5-456	num_blocks:91
2 threads	matrix_size:455	block_size:5-128	num_blocks:364
2 threads	matrix_size:455	block_size:5-256	num_blocks:182
2 threads	matrix_size:455	block_size:5-456	num_blocks:91
2 threads	matrix_size:455	block_size:5-64	num_blocks:728
2 threads	matrix_size:455	block_size:6-456	num_blocks:76
2 threads	matrix_size:455	block_size:6-128	num_blocks:304
2 threads	matrix_size:455	block_size:6-256	num_blocks:152
2 threads	matrix_size:455	block_size:6-456	num_blocks:76
2 threads	matrix_size:455	block_size:6-64	num_blocks:608
2 threads	matrix_size:455	block_size:7-456	num_blocks:65
2 threads	matrix_size:455	block_size:7-128	num_blocks:260
2 threads	matrix_size:455	block_size:7-256	num_blocks:130
2 threads	matrix_size:455	block_size:7-456	num_blocks:65
2 threads	matrix_size:455	block_size:7-64	num_blocks:520
2 threads	matrix_size:455	block_size:8-456	num_blocks:57
2 threads	matrix_size:455	block_size:8-128	num_blocks:228
2 threads	matrix_size:455	block_size:8-256	num_blocks:114
2 threads	matrix_size:455	block_size:8-456	num_blocks:57
2 threads	matrix_size:455	block_size:8-64	num_blocks:456
2 threads	matrix_size:455	block_size:9-456	num_blocks:51
2 threads	matrix_size:455	block_size:9-128	num_blocks:204
2 threads	matrix_size:455	block_size:9-256	num_blocks:102
2 threads	matrix_size:455	block_size:9-456	num_blocks:51
2 threads	matrix_size:455	block_size:9-64	num_blocks:408

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2 threads	matrix_size:523	block_size:10-524	num_blocks:53
2 threads	matrix_size:523	block_size:10-128	num_blocks:265
2 threads	matrix_size:523	block_size:10-256	num_blocks:159
2 threads	matrix_size:523	block_size:10-512	num_blocks:106
2 threads	matrix_size:523	block_size:10-64	num_blocks:477
2 threads	matrix_size:523	block_size:2-524	num_blocks:262
2 threads	matrix_size:523	block_size:2-128	num_blocks:1310
2 threads	matrix_size:523	block_size:2-256	num_blocks:786
2 threads	matrix_size:523	block_size:2-512	num_blocks:524
2 threads	matrix_size:523	block_size:2-64	num_blocks:2358
2 threads	matrix_size:523	block_size:3-524	num_blocks:175
2 threads	matrix_size:523	block_size:3-128	num_blocks:875
2 threads	matrix_size:523	block_size:3-256	num_blocks:525
2 threads	matrix_size:523	block_size:3-512	num_blocks:350
2 threads	matrix_size:523	block_size:3-64	num_blocks:1575
2 threads	matrix_size:523	block_size:4-524	num_blocks:131
2 threads	matrix_size:523	block_size:4-128	num_blocks:655
2 threads	matrix_size:523	block_size:4-256	num_blocks:393
2 threads	matrix_size:523	block_size:4-512	num_blocks:262
2 threads	matrix_size:523	block_size:4-64	num_blocks:1179
2 threads	matrix_size:523	block_size:5-524	num_blocks:105
2 threads	matrix_size:523	block_size:5-128	num_blocks:525
2 threads	matrix_size:523	block_size:5-256	num_blocks:315
2 threads	matrix_size:523	block_size:5-512	num_blocks:210
2 threads	matrix_size:523	block_size:5-64	num_blocks:945
2 threads	matrix_size:523	block_size:6-524	num_blocks:88
2 threads	matrix_size:523	block_size:6-128	num_blocks:440
2 threads	matrix_size:523	block_size:6-256	num_blocks:264
2 threads	matrix_size:523	block_size:6-512	num_blocks:176
2 threads	matrix_size:523	block_size:6-64	num_blocks:792
2 threads	matrix_size:523	block_size:7-524	num_blocks:75
2 threads	matrix_size:523	block_size:7-128	num_blocks:375
2 threads	matrix_size:523	block_size:7-256	num_blocks:225
2 threads	matrix_size:523	block_size:7-512	num_blocks:150
2 threads	matrix_size:523	block_size:7-64	num_blocks:675
2 threads	matrix_size:523	block_size:8-524	num_blocks:66
2 threads	matrix_size:523	block_size:8-128	num_blocks:330
2 threads	matrix_size:523	block_size:8-256	num_blocks:198
2 threads	matrix_size:523	block_size:8-512	num_blocks:132
2 threads	matrix_size:523	block_size:8-64	num_blocks:594
2 threads	matrix_size:523	block_size:9-524	num_blocks:59
2 threads	matrix_size:523	block_size:9-128	num_blocks:295
2 threads	matrix_size:523	block_size:9-256	num_blocks:177
2 threads	matrix_size:523	block_size:9-512	num_blocks:118
2 threads	matrix_size:523	block_size:9-64	num_blocks:531

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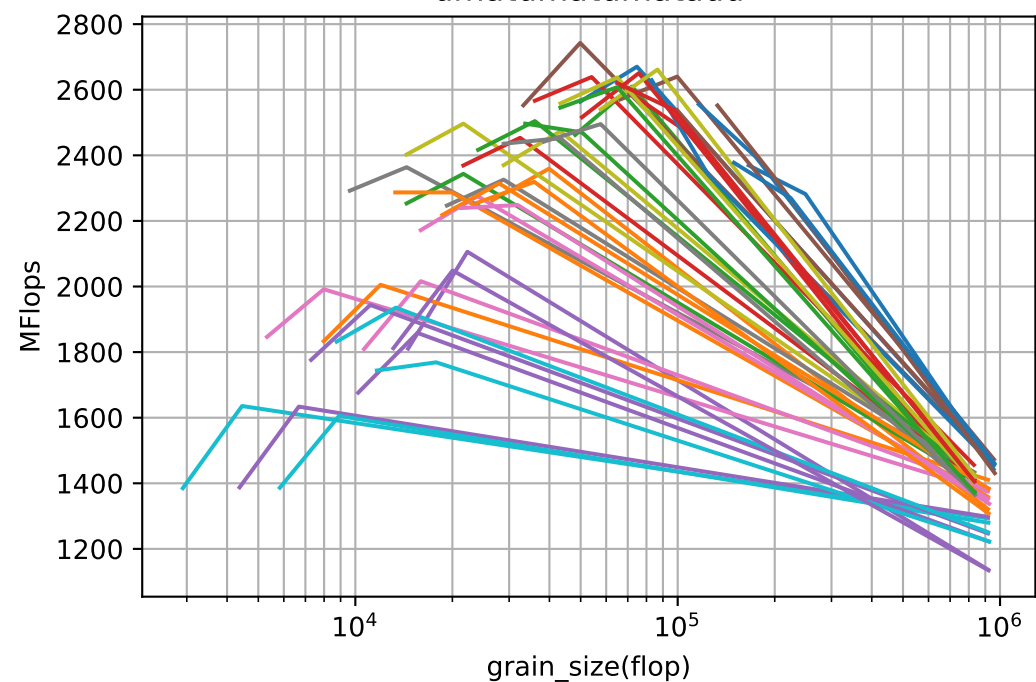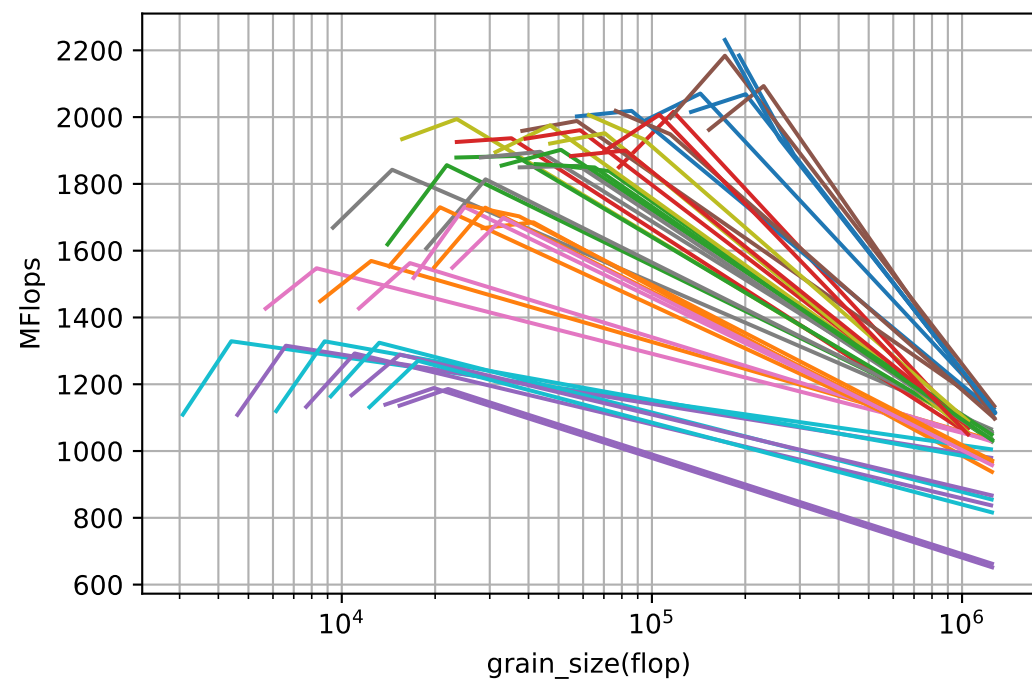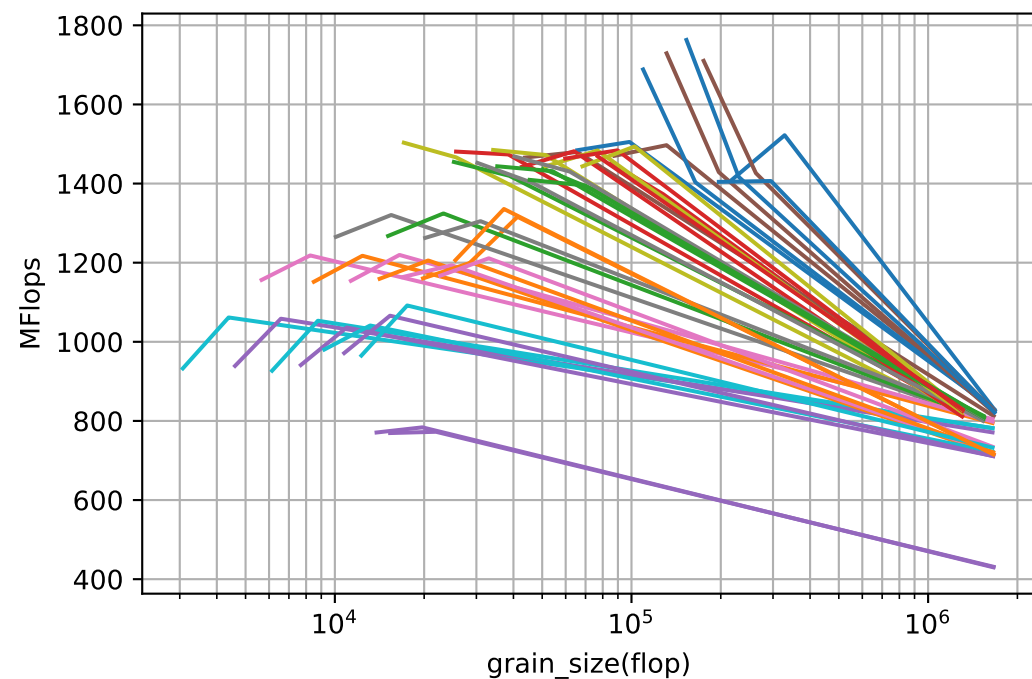| Legend |
|--------|
| 2 threads matrix_size:600 block_size:10-600 num_blocks:60 |
| 2 threads matrix_size:600 block_size:10-128 num_blocks:300 |
| 2 threads matrix_size:600 block_size:10-256 num_blocks:180 |
| 2 threads matrix_size:600 block_size:10-512 num_blocks:120 |
| 2 threads matrix_size:600 block_size:10-64 num_blocks:600 |
| 2 threads matrix_size:600 block_size:2-600 num_blocks:300 |
| 2 threads matrix_size:600 block_size:2-128 num_blocks:1500 |
| 2 threads matrix_size:600 block_size:2-256 num_blocks:900 |
| 2 threads matrix_size:600 block_size:2-512 num_blocks:600 |
| 2 threads matrix_size:600 block_size:2-64 num_blocks:3000 |
| 2 threads matrix_size:600 block_size:3-600 num_blocks:200 |
| 2 threads matrix_size:600 block_size:3-128 num_blocks:1000 |
| 2 threads matrix_size:600 block_size:3-256 num_blocks:600 |
| 2 threads matrix_size:600 block_size:3-512 num_blocks:400 |
| 2 threads matrix_size:600 block_size:3-64 num_blocks:2000 |
| 2 threads matrix_size:600 block_size:4-600 num_blocks:150 |
| 2 threads matrix_size:600 block_size:4-128 num_blocks:750 |
| 2 threads matrix_size:600 block_size:4-256 num_blocks:450 |
| 2 threads matrix_size:600 block_size:4-512 num_blocks:300 |
| 2 threads matrix_size:600 block_size:4-64 num_blocks:1500 |
| 2 threads matrix_size:600 block_size:5-600 num_blocks:120 |
| 2 threads matrix_size:600 block_size:5-128 num_blocks:600 |
| 2 threads matrix_size:600 block_size:5-256 num_blocks:360 |
| 2 threads matrix_size:600 block_size:5-512 num_blocks:240 |
| 2 threads matrix_size:600 block_size:5-64 num_blocks:1200 |
| 2 threads matrix_size:600 block_size:6-600 num_blocks:100 |
| 2 threads matrix_size:600 block_size:6-128 num_blocks:500 |
| 2 threads matrix_size:600 block_size:6-256 num_blocks:300 |
| 2 threads matrix_size:600 block_size:6-512 num_blocks:200 |
| 2 threads matrix_size:600 block_size:6-64 num_blocks:1000 |
| 2 threads matrix_size:600 block_size:7-600 num_blocks:86 |
| 2 threads matrix_size:600 block_size:7-128 num_blocks:430 |
| 2 threads matrix_size:600 block_size:7-256 num_blocks:258 |
| 2 threads matrix_size:600 block_size:7-512 num_blocks:172 |
| 2 threads matrix_size:600 block_size:7-64 num_blocks:860 |
| 2 threads matrix_size:600 block_size:8-600 num_blocks:75 |
| 2 threads matrix_size:600 block_size:8-128 num_blocks:375 |
| 2 threads matrix_size:600 block_size:8-256 num_blocks:225 |
| 2 threads matrix_size:600 block_size:8-512 num_blocks:150 |
| 2 threads matrix_size:600 block_size:8-64 num_blocks:750 |
| 2 threads matrix_size:600 block_size:9-600 num_blocks:67 |
| 2 threads matrix_size:600 block_size:9-128 num_blocks:335 |
| 2 threads matrix_size:600 block_size:9-256 num_blocks:201 |
| 2 threads matrix_size:600 block_size:9-512 num_blocks:134 |
| 2 threads matrix_size:600 block_size:9-64 num_blocks:670 |

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Legend:
- 2 threads matrix_size:690 block_size:10-692 num_blocks:69
- 2 threads matrix_size:690 block_size:10-128 num_blocks:414
- 2 threads matrix_size:690 block_size:10-256 num_blocks:207
- 2 threads matrix_size:690 block_size:10-512 num_blocks:138
- 2 threads matrix_size:690 block_size:10-64 num_blocks:759
- 2 threads matrix_size:690 block_size:2-692 num_blocks:345
- 2 threads matrix_size:690 block_size:2-128 num_blocks:2070
- 2 threads matrix_size:690 block_size:2-256 num_blocks:1035
- 2 threads matrix_size:690 block_size:2-512 num_blocks:690
- 2 threads matrix_size:690 block_size:2-64 num_blocks:3795
- 2 threads matrix_size:690 block_size:3-692 num_blocks:230
- 2 threads matrix_size:690 block_size:3-128 num_blocks:1380
- 2 threads matrix_size:690 block_size:3-256 num_blocks:690
- 2 threads matrix_size:690 block_size:3-512 num_blocks:460
- 2 threads matrix_size:690 block_size:3-64 num_blocks:2530
- 2 threads matrix_size:690 block_size:4-692 num_blocks:173
- 2 threads matrix_size:690 block_size:4-128 num_blocks:1038
- 2 threads matrix_size:690 block_size:4-256 num_blocks:519
- 2 threads matrix_size:690 block_size:4-512 num_blocks:346
- 2 threads matrix_size:690 block_size:4-64 num_blocks:1903
- 2 threads matrix_size:690 block_size:5-692 num_blocks:138
- 2 threads matrix_size:690 block_size:5-128 num_blocks:828
- 2 threads matrix_size:690 block_size:5-256 num_blocks:414
- 2 threads matrix_size:690 block_size:5-512 num_blocks:276
- 2 threads matrix_size:690 block_size:5-64 num_blocks:1518
- 2 threads matrix_size:690 block_size:6-692 num_blocks:115
- 2 threads matrix_size:690 block_size:6-128 num_blocks:690
- 2 threads matrix_size:690 block_size:6-256 num_blocks:345
- 2 threads matrix_size:690 block_size:6-512 num_blocks:230
- 2 threads matrix_size:690 block_size:6-64 num_blocks:1265
- 2 threads matrix_size:690 block_size:7-692 num_blocks:99
- 2 threads matrix_size:690 block_size:7-128 num_blocks:594
- 2 threads matrix_size:690 block_size:7-256 num_blocks:297
- 2 threads matrix_size:690 block_size:7-512 num_blocks:198
- 2 threads matrix_size:690 block_size:7-64 num_blocks:1089
- 2 threads matrix_size:690 block_size:8-692 num_blocks:87
- 2 threads matrix_size:690 block_size:8-128 num_blocks:522
- 2 threads matrix_size:690 block_size:8-256 num_blocks:261
- 2 threads matrix_size:690 block_size:8-512 num_blocks:174
- 2 threads matrix_size:690 block_size:8-64 num_blocks:957
- 2 threads matrix_size:690 block_size:9-692 num_blocks:77
- 2 threads matrix_size:690 block_size:9-128 num_blocks:462
- 2 threads matrix_size:690 block_size:9-256 num_blocks:231
- 2 threads matrix_size:690 block_size:9-512 num_blocks:154
- 2 threads matrix_size:690 block_size:9-64 num_blocks:847

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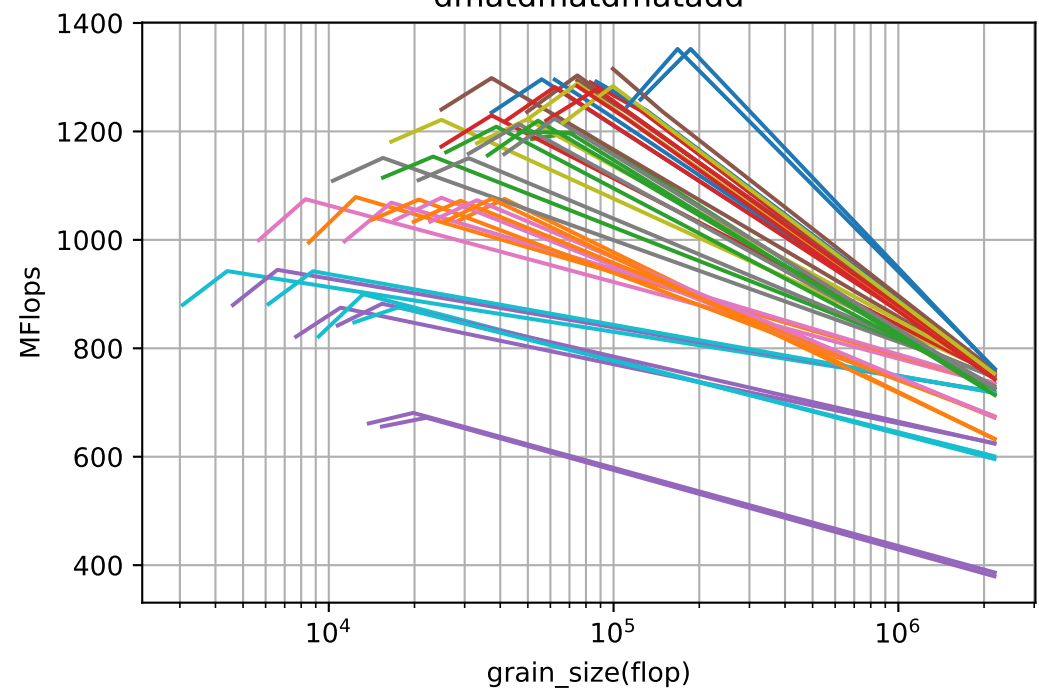|	
2 threads	matrix_size:793 block_size:10-796 num_blocks:80
2 threads	matrix_size:793 block_size:10-128 num_blocks:560
2 threads	matrix_size:793 block_size:10-256 num_blocks:320
2 threads	matrix_size:793 block_size:10-512 num_blocks:160
2 threads	matrix_size:793 block_size:10-64 num_blocks:1040
2 threads	matrix_size:793 block_size:2-796 num_blocks:397
2 threads	matrix_size:793 block_size:2-128 num_blocks:2779
2 threads	matrix_size:793 block_size:2-256 num_blocks:1588
2 threads	matrix_size:793 block_size:2-512 num_blocks:794
2 threads	matrix_size:793 block_size:2-64 num_blocks:5161
2 threads	matrix_size:793 block_size:3-796 num_blocks:265
2 threads	matrix_size:793 block_size:3-128 num_blocks:1855
2 threads	matrix_size:793 block_size:3-256 num_blocks:1060
2 threads	matrix_size:793 block_size:3-512 num_blocks:530
2 threads	matrix_size:793 block_size:3-64 num_blocks:3445
2 threads	matrix_size:793 block_size:4-796 num_blocks:199
2 threads	matrix_size:793 block_size:4-128 num_blocks:1393
2 threads	matrix_size:793 block_size:4-256 num_blocks:796
2 threads	matrix_size:793 block_size:4-512 num_blocks:398
2 threads	matrix_size:793 block_size:4-64 num_blocks:2587
2 threads	matrix_size:793 block_size:5-796 num_blocks:159
2 threads	matrix_size:793 block_size:5-128 num_blocks:1113
2 threads	matrix_size:793 block_size:5-256 num_blocks:636
2 threads	matrix_size:793 block_size:5-512 num_blocks:318
2 threads	matrix_size:793 block_size:5-64 num_blocks:2067
2 threads	matrix_size:793 block_size:6-796 num_blocks:133
2 threads	matrix_size:793 block_size:6-128 num_blocks:931
2 threads	matrix_size:793 block_size:6-256 num_blocks:532
2 threads	matrix_size:793 block_size:6-512 num_blocks:266
2 threads	matrix_size:793 block_size:6-64 num_blocks:1729
2 threads	matrix_size:793 block_size:7-796 num_blocks:114
2 threads	matrix_size:793 block_size:7-128 num_blocks:798
2 threads	matrix_size:793 block_size:7-256 num_blocks:456
2 threads	matrix_size:793 block_size:7-512 num_blocks:228
2 threads	matrix_size:793 block_size:7-64 num_blocks:1482
2 threads	matrix_size:793 block_size:8-796 num_blocks:100
2 threads	matrix_size:793 block_size:8-128 num_blocks:700
2 threads	matrix_size:793 block_size:8-256 num_blocks:400
2 threads	matrix_size:793 block_size:8-512 num_blocks:200
2 threads	matrix_size:793 block_size:8-64 num_blocks:1300
2 threads	matrix_size:793 block_size:9-796 num_blocks:89
2 threads	matrix_size:793 block_size:9-128 num_blocks:623
2 threads	matrix_size:793 block_size:9-256 num_blocks:356
2 threads	matrix_size:793 block_size:9-512 num_blocks:178
2 threads	matrix_size:793 block_size:9-64 num_blocks:1157

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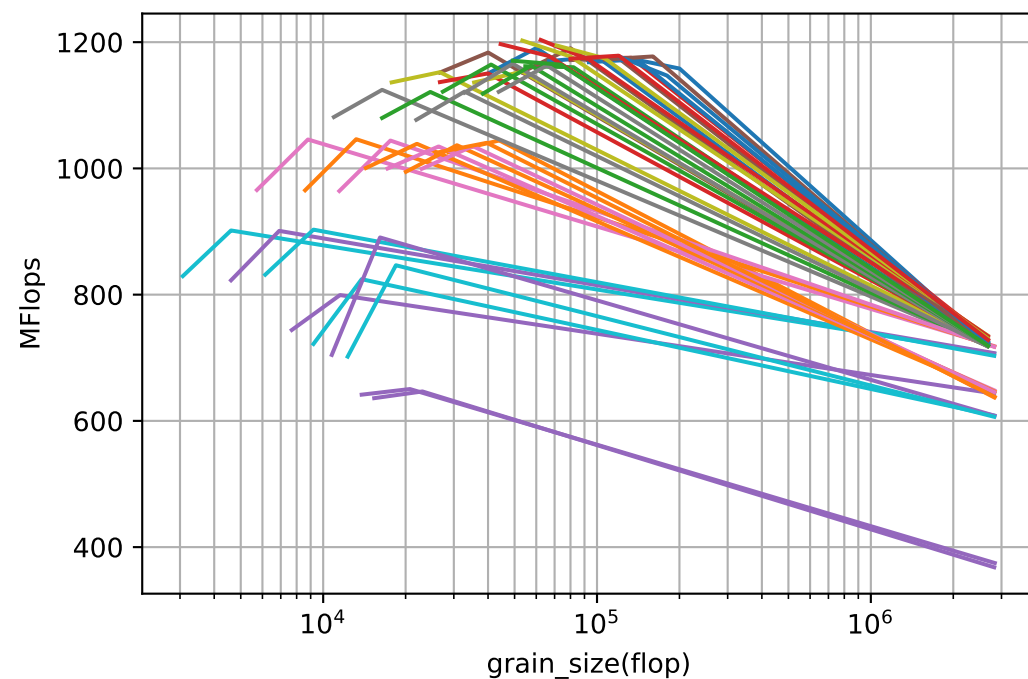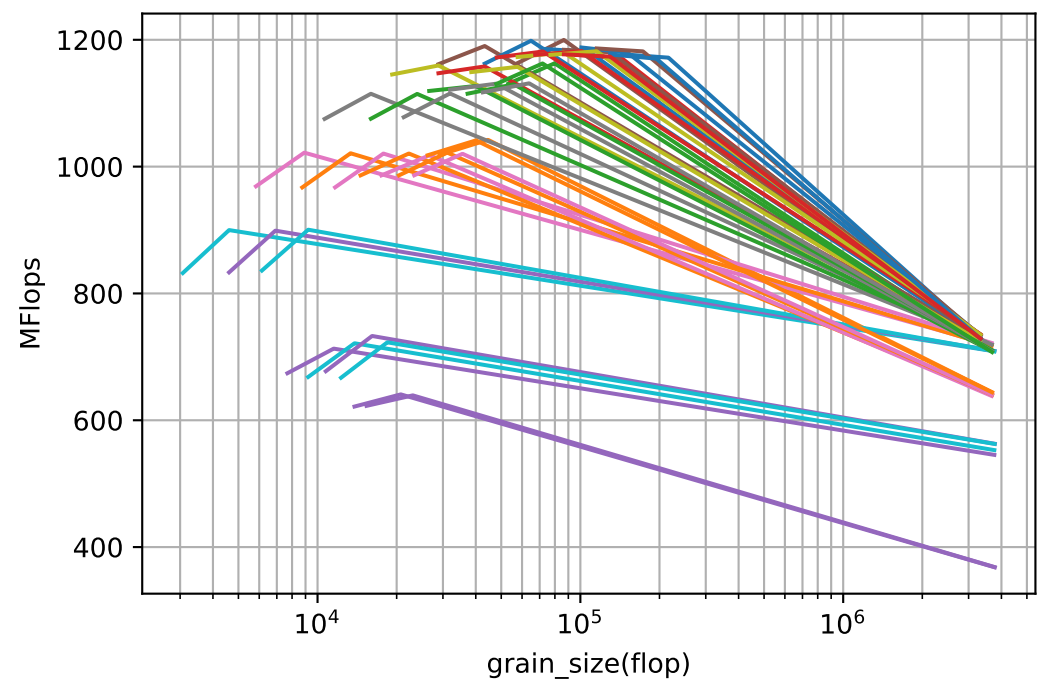|	
—	2 threads matrix_size:912 block_size:10-912 num_blocks:92
—	2 threads matrix_size:912 block_size:10-128 num_blocks:736
—	2 threads matrix_size:912 block_size:10-256 num_blocks:368
—	2 threads matrix_size:912 block_size:10-512 num_blocks:184
—	2 threads matrix_size:912 block_size:10-64 num_blocks:1380
—	2 threads matrix_size:912 block_size:2-912 num_blocks:456
—	2 threads matrix_size:912 block_size:2-128 num_blocks:3648
—	2 threads matrix_size:912 block_size:2-256 num_blocks:1824
—	2 threads matrix_size:912 block_size:2-512 num_blocks:912
—	2 threads matrix_size:912 block_size:2-64 num_blocks:6840
—	2 threads matrix_size:912 block_size:3-912 num_blocks:304
—	2 threads matrix_size:912 block_size:3-128 num_blocks:2432
—	2 threads matrix_size:912 block_size:3-256 num_blocks:1216
—	2 threads matrix_size:912 block_size:3-512 num_blocks:608
—	2 threads matrix_size:912 block_size:3-64 num_blocks:4560
—	2 threads matrix_size:912 block_size:4-912 num_blocks:228
—	2 threads matrix_size:912 block_size:4-128 num_blocks:1824
—	2 threads matrix_size:912 block_size:4-256 num_blocks:912
—	2 threads matrix_size:912 block_size:4-512 num_blocks:456
—	2 threads matrix_size:912 block_size:4-64 num_blocks:3420
—	2 threads matrix_size:912 block_size:5-912 num_blocks:183
—	2 threads matrix_size:912 block_size:5-128 num_blocks:1464
—	2 threads matrix_size:912 block_size:5-256 num_blocks:732
—	2 threads matrix_size:912 block_size:5-512 num_blocks:366
—	2 threads matrix_size:912 block_size:5-64 num_blocks:2745
—	2 threads matrix_size:912 block_size:6-912 num_blocks:152
—	2 threads matrix_size:912 block_size:6-128 num_blocks:1216
—	2 threads matrix_size:912 block_size:6-256 num_blocks:608
—	2 threads matrix_size:912 block_size:6-512 num_blocks:304
—	2 threads matrix_size:912 block_size:6-64 num_blocks:2280
—	2 threads matrix_size:912 block_size:7-912 num_blocks:131
—	2 threads matrix_size:912 block_size:7-128 num_blocks:1048
—	2 threads matrix_size:912 block_size:7-256 num_blocks:524
—	2 threads matrix_size:912 block_size:7-512 num_blocks:262
—	2 threads matrix_size:912 block_size:7-64 num_blocks:1965
—	2 threads matrix_size:912 block_size:8-912 num_blocks:114
—	2 threads matrix_size:912 block_size:8-128 num_blocks:912
—	2 threads matrix_size:912 block_size:8-256 num_blocks:456
—	2 threads matrix_size:912 block_size:8-512 num_blocks:228
—	2 threads matrix_size:912 block_size:8-64 num_blocks:1710
—	2 threads matrix_size:912 block_size:9-912 num_blocks:102
—	2 threads matrix_size:912 block_size:9-128 num_blocks:816
—	2 threads matrix_size:912 block_size:9-256 num_blocks:408
—	2 threads matrix_size:912 block_size:9-512 num_blocks:204
—	2 threads matrix_size:912 block_size:9-64 num_blocks:1530

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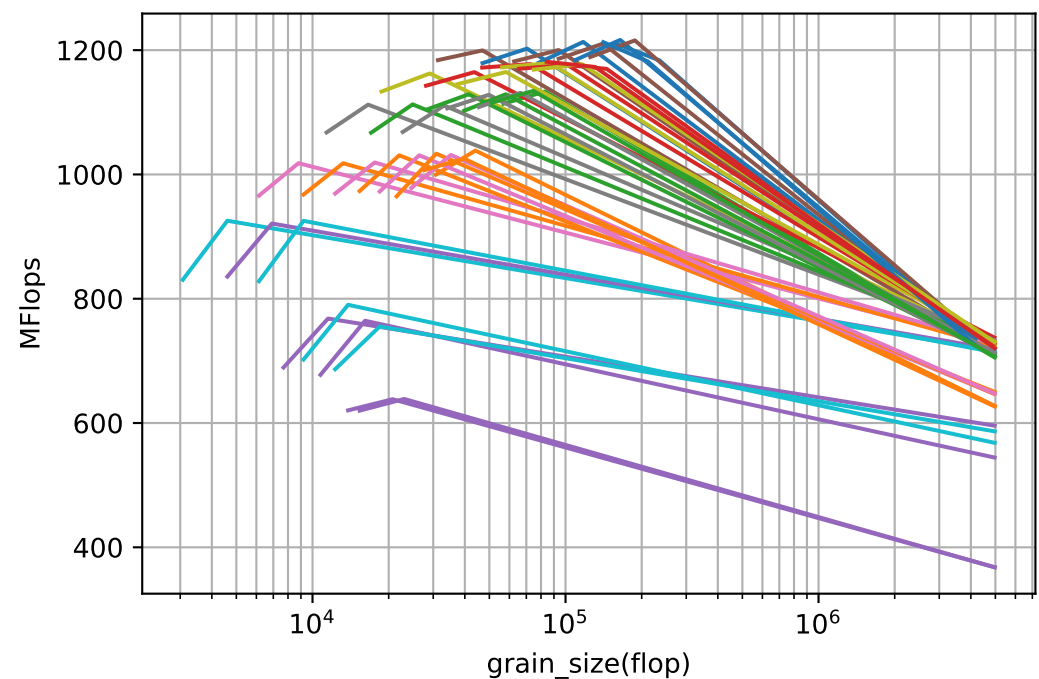|	
——	2 threads matrix_size:1048 block_size:10-1024 num_blocks:210
——	2 threads matrix_size:1048 block_size:10-128 num_blocks:945
——	2 threads matrix_size:1048 block_size:10-256 num_blocks:525
——	2 threads matrix_size:1048 block_size:10-512 num_blocks:315
——	2 threads matrix_size:1048 block_size:10-64 num_blocks:1785
——	2 threads matrix_size:1048 block_size:2-1024 num_blocks:1048
——	2 threads matrix_size:1048 block_size:2-128 num_blocks:4716
——	2 threads matrix_size:1048 block_size:2-256 num_blocks:2620
——	2 threads matrix_size:1048 block_size:2-512 num_blocks:1572
——	2 threads matrix_size:1048 block_size:2-64 num_blocks:8908
——	2 threads matrix_size:1048 block_size:3-1024 num_blocks:700
——	2 threads matrix_size:1048 block_size:3-128 num_blocks:3150
——	2 threads matrix_size:1048 block_size:3-256 num_blocks:1750
——	2 threads matrix_size:1048 block_size:3-512 num_blocks:1050
——	2 threads matrix_size:1048 block_size:3-64 num_blocks:5950
——	2 threads matrix_size:1048 block_size:4-1024 num_blocks:524
——	2 threads matrix_size:1048 block_size:4-128 num_blocks:2358
——	2 threads matrix_size:1048 block_size:4-256 num_blocks:1310
——	2 threads matrix_size:1048 block_size:4-512 num_blocks:786
——	2 threads matrix_size:1048 block_size:4-64 num_blocks:4454
——	2 threads matrix_size:1048 block_size:5-1024 num_blocks:420
——	2 threads matrix_size:1048 block_size:5-128 num_blocks:1890
——	2 threads matrix_size:1048 block_size:5-256 num_blocks:1050
——	2 threads matrix_size:1048 block_size:5-512 num_blocks:630
——	2 threads matrix_size:1048 block_size:5-64 num_blocks:3570
——	2 threads matrix_size:1048 block_size:6-1024 num_blocks:350
——	2 threads matrix_size:1048 block_size:6-128 num_blocks:1575
——	2 threads matrix_size:1048 block_size:6-256 num_blocks:875
——	2 threads matrix_size:1048 block_size:6-512 num_blocks:525
——	2 threads matrix_size:1048 block_size:6-64 num_blocks:2975
——	2 threads matrix_size:1048 block_size:7-1024 num_blocks:300
——	2 threads matrix_size:1048 block_size:7-128 num_blocks:1350
——	2 threads matrix_size:1048 block_size:7-256 num_blocks:750
——	2 threads matrix_size:1048 block_size:7-512 num_blocks:450
——	2 threads matrix_size:1048 block_size:7-64 num_blocks:2550
——	2 threads matrix_size:1048 block_size:8-1024 num_blocks:262
——	2 threads matrix_size:1048 block_size:8-128 num_blocks:1179
——	2 threads matrix_size:1048 block_size:8-256 num_blocks:655
——	2 threads matrix_size:1048 block_size:8-512 num_blocks:393
——	2 threads matrix_size:1048 block_size:8-64 num_blocks:2227
——	2 threads matrix_size:1048 block_size:9-1024 num_blocks:234
——	2 threads matrix_size:1048 block_size:9-128 num_blocks:1053
——	2 threads matrix_size:1048 block_size:9-256 num_blocks:585
——	2 threads matrix_size:1048 block_size:9-512 num_blocks:351
——	2 threads matrix_size:1048 block_size:9-64 num_blocks:1989

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Legend
2 threads matrix_size:1200 block_size:10-1024 num_blocks:240
2 threads matrix_size:1200 block_size:10-128 num_blocks:1200
2 threads matrix_size:1200 block_size:10-256 num_blocks:600
2 threads matrix_size:1200 block_size:10-512 num_blocks:360
2 threads matrix_size:1200 block_size:10-64 num_blocks:2280
2 threads matrix_size:1200 block_size:2-1024 num_blocks:1200
2 threads matrix_size:1200 block_size:2-128 num_blocks:6000
2 threads matrix_size:1200 block_size:2-256 num_blocks:3000
2 threads matrix_size:1200 block_size:2-512 num_blocks:1800
2 threads matrix_size:1200 block_size:2-64 num_blocks:11400
2 threads matrix_size:1200 block_size:3-1024 num_blocks:800
2 threads matrix_size:1200 block_size:3-128 num_blocks:4000
2 threads matrix_size:1200 block_size:3-256 num_blocks:2000
2 threads matrix_size:1200 block_size:3-512 num_blocks:1200
2 threads matrix_size:1200 block_size:3-64 num_blocks:7600
2 threads matrix_size:1200 block_size:4-1024 num_blocks:600
2 threads matrix_size:1200 block_size:4-128 num_blocks:3000
2 threads matrix_size:1200 block_size:4-256 num_blocks:1500
2 threads matrix_size:1200 block_size:4-512 num_blocks:900
2 threads matrix_size:1200 block_size:4-64 num_blocks:5700
2 threads matrix_size:1200 block_size:5-1024 num_blocks:480
2 threads matrix_size:1200 block_size:5-128 num_blocks:2400
2 threads matrix_size:1200 block_size:5-256 num_blocks:1200
2 threads matrix_size:1200 block_size:5-512 num_blocks:720
2 threads matrix_size:1200 block_size:5-64 num_blocks:4560
2 threads matrix_size:1200 block_size:6-1024 num_blocks:400
2 threads matrix_size:1200 block_size:6-128 num_blocks:2000
2 threads matrix_size:1200 block_size:6-256 num_blocks:1000
2 threads matrix_size:1200 block_size:6-512 num_blocks:600
2 threads matrix_size:1200 block_size:6-64 num_blocks:3800
2 threads matrix_size:1200 block_size:7-1024 num_blocks:344
2 threads matrix_size:1200 block_size:7-128 num_blocks:1720
2 threads matrix_size:1200 block_size:7-256 num_blocks:860
2 threads matrix_size:1200 block_size:7-512 num_blocks:516
2 threads matrix_size:1200 block_size:7-64 num_blocks:3268
2 threads matrix_size:1200 block_size:8-1024 num_blocks:300
2 threads matrix_size:1200 block_size:8-128 num_blocks:1500
2 threads matrix_size:1200 block_size:8-256 num_blocks:750
2 threads matrix_size:1200 block_size:8-512 num_blocks:450
2 threads matrix_size:1200 block_size:8-64 num_blocks:2850
2 threads matrix_size:1200 block_size:9-1024 num_blocks:268
2 threads matrix_size:1200 block_size:9-128 num_blocks:1340
2 threads matrix_size:1200 block_size:9-256 num_blocks:670
2 threads matrix_size:1200 block_size:9-512 num_blocks:402
2 threads matrix_size:1200 block_size:9-64 num_blocks:2546

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—	2 threads matrix_size:1380 block_size:10-1024 num_blocks:276
—	2 threads matrix_size:1380 block_size:10-128 num_blocks:1518
—	2 threads matrix_size:1380 block_size:10-256 num_blocks:828
—	2 threads matrix_size:1380 block_size:10-512 num_blocks:414
—	2 threads matrix_size:1380 block_size:10-64 num_blocks:3036
—	2 threads matrix_size:1380 block_size:2-1024 num_blocks:1380
—	2 threads matrix_size:1380 block_size:2-128 num_blocks:7590
—	2 threads matrix_size:1380 block_size:2-256 num_blocks:4140
—	2 threads matrix_size:1380 block_size:2-512 num_blocks:2070
—	2 threads matrix_size:1380 block_size:2-64 num_blocks:15180
—	2 threads matrix_size:1380 block_size:3-1024 num_blocks:920
—	2 threads matrix_size:1380 block_size:3-128 num_blocks:5060
—	2 threads matrix_size:1380 block_size:3-256 num_blocks:2760
—	2 threads matrix_size:1380 block_size:3-512 num_blocks:1380
—	2 threads matrix_size:1380 block_size:3-64 num_blocks:10120
—	2 threads matrix_size:1380 block_size:4-1024 num_blocks:690
—	2 threads matrix_size:1380 block_size:4-128 num_blocks:3795
—	2 threads matrix_size:1380 block_size:4-256 num_blocks:2070
—	2 threads matrix_size:1380 block_size:4-512 num_blocks:1035
—	2 threads matrix_size:1380 block_size:4-64 num_blocks:7590
—	2 threads matrix_size:1380 block_size:5-1024 num_blocks:552
—	2 threads matrix_size:1380 block_size:5-128 num_blocks:3036
—	2 threads matrix_size:1380 block_size:5-256 num_blocks:1656
—	2 threads matrix_size:1380 block_size:5-512 num_blocks:828
—	2 threads matrix_size:1380 block_size:5-64 num_blocks:6072
—	2 threads matrix_size:1380 block_size:6-1024 num_blocks:460
—	2 threads matrix_size:1380 block_size:6-128 num_blocks:2530
—	2 threads matrix_size:1380 block_size:6-256 num_blocks:1380
—	2 threads matrix_size:1380 block_size:6-512 num_blocks:690
—	2 threads matrix_size:1380 block_size:6-64 num_blocks:5060
—	2 threads matrix_size:1380 block_size:7-1024 num_blocks:396
—	2 threads matrix_size:1380 block_size:7-128 num_blocks:2178
—	2 threads matrix_size:1380 block_size:7-256 num_blocks:1188
—	2 threads matrix_size:1380 block_size:7-512 num_blocks:594
—	2 threads matrix_size:1380 block_size:7-64 num_blocks:4356
—	2 threads matrix_size:1380 block_size:8-1024 num_blocks:346
—	2 threads matrix_size:1380 block_size:8-128 num_blocks:1903
—	2 threads matrix_size:1380 block_size:8-256 num_blocks:1038
—	2 threads matrix_size:1380 block_size:8-512 num_blocks:519
—	2 threads matrix_size:1380 block_size:8-64 num_blocks:3806
—	2 threads matrix_size:1380 block_size:9-1024 num_blocks:308
—	2 threads matrix_size:1380 block_size:9-128 num_blocks:1694
—	2 threads matrix_size:1380 block_size:9-256 num_blocks:924
—	2 threads matrix_size:1380 block_size:9-512 num_blocks:462
—	2 threads matrix_size:1380 block_size:9-64 num_blocks:3388

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2 threads	matrix_size:1587	block_size:10-1024 num_blocks:318
2 threads	matrix_size:1587	block_size:10-128 num_blocks:2067
2 threads	matrix_size:1587	block_size:10-256 num_blocks:1113
2 threads	matrix_size:1587	block_size:10-512 num_blocks:636
2 threads	matrix_size:1587	block_size:10-64 num_blocks:3975
2 threads	matrix_size:1587	block_size:2-1024 num_blocks:1588
2 threads	matrix_size:1587	block_size:2-128 num_blocks:10322
2 threads	matrix_size:1587	block_size:2-256 num_blocks:5558
2 threads	matrix_size:1587	block_size:2-512 num_blocks:3176
2 threads	matrix_size:1587	block_size:2-64 num_blocks:19850
2 threads	matrix_size:1587	block_size:3-1024 num_blocks:1058
2 threads	matrix_size:1587	block_size:3-128 num_blocks:6877
2 threads	matrix_size:1587	block_size:3-256 num_blocks:3703
2 threads	matrix_size:1587	block_size:3-512 num_blocks:2116
2 threads	matrix_size:1587	block_size:3-64 num_blocks:13225
2 threads	matrix_size:1587	block_size:4-1024 num_blocks:794
2 threads	matrix_size:1587	block_size:4-128 num_blocks:5161
2 threads	matrix_size:1587	block_size:4-256 num_blocks:2779
2 threads	matrix_size:1587	block_size:4-512 num_blocks:1588
2 threads	matrix_size:1587	block_size:4-64 num_blocks:9925
2 threads	matrix_size:1587	block_size:5-1024 num_blocks:636
2 threads	matrix_size:1587	block_size:5-128 num_blocks:4134
2 threads	matrix_size:1587	block_size:5-256 num_blocks:2226
2 threads	matrix_size:1587	block_size:5-512 num_blocks:1272
2 threads	matrix_size:1587	block_size:5-64 num_blocks:7950
2 threads	matrix_size:1587	block_size:6-1024 num_blocks:530
2 threads	matrix_size:1587	block_size:6-128 num_blocks:3445
2 threads	matrix_size:1587	block_size:6-256 num_blocks:1855
2 threads	matrix_size:1587	block_size:6-512 num_blocks:1060
2 threads	matrix_size:1587	block_size:6-64 num_blocks:6625
2 threads	matrix_size:1587	block_size:7-1024 num_blocks:454
2 threads	matrix_size:1587	block_size:7-128 num_blocks:2951
2 threads	matrix_size:1587	block_size:7-256 num_blocks:1589
2 threads	matrix_size:1587	block_size:7-512 num_blocks:908
2 threads	matrix_size:1587	block_size:7-64 num_blocks:5675
2 threads	matrix_size:1587	block_size:8-1024 num_blocks:398
2 threads	matrix_size:1587	block_size:8-128 num_blocks:2587
2 threads	matrix_size:1587	block_size:8-256 num_blocks:1393
2 threads	matrix_size:1587	block_size:8-512 num_blocks:796
2 threads	matrix_size:1587	block_size:8-64 num_blocks:4975
2 threads	matrix_size:1587	block_size:9-1024 num_blocks:354
2 threads	matrix_size:1587	block_size:9-128 num_blocks:2301
2 threads	matrix_size:1587	block_size:9-256 num_blocks:1239
2 threads	matrix_size:1587	block_size:9-512 num_blocks:708
2 threads	matrix_size:1587	block_size:9-64 num_blocks:4425