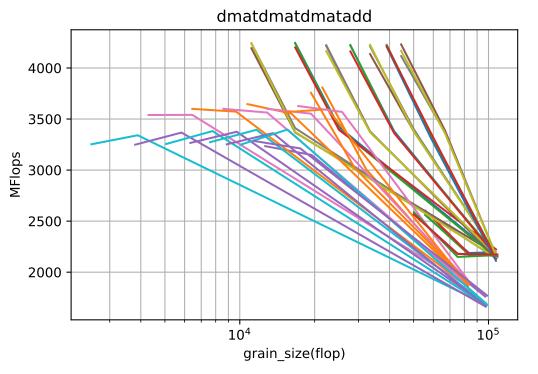


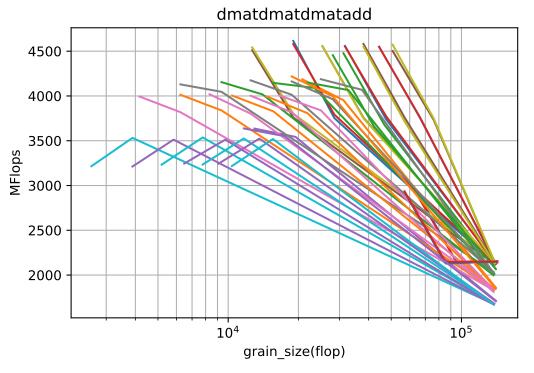
```
4 threads matrix size:200 block size:10-200 num blocks:20
  4 threads matrix size:200 block size:10-128 num blocks:40
  4 threads matrix size:200 block size:10-200 num blocks:20
  4 threads matrix size:200 block size:10-200 num blocks:20
  4 threads matrix size:200 block size:10-64 num blocks:80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

    4 threads matrix size:200 block size:9-64 num blocks:92
```



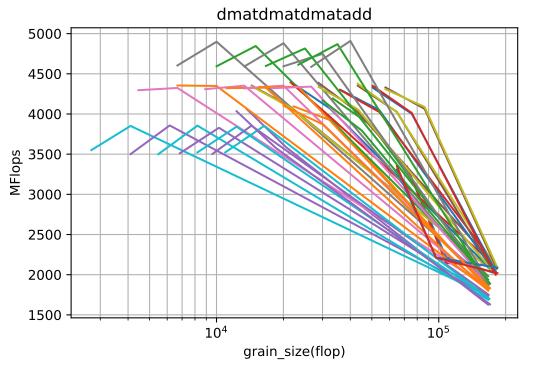
```
4 threads matrix size:230 block size:10-232 num blocks:23
  4 threads matrix size:230 block size:10-128 num blocks:46
  4 threads matrix size:230 block size:10-232 num blocks:23
   4 threads matrix size:230 block size:10-232 num blocks:23
   4 threads matrix size:230 block size:10-64 num blocks:92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

    4 threads matrix size:230 block size:9-64 num blocks:104
```



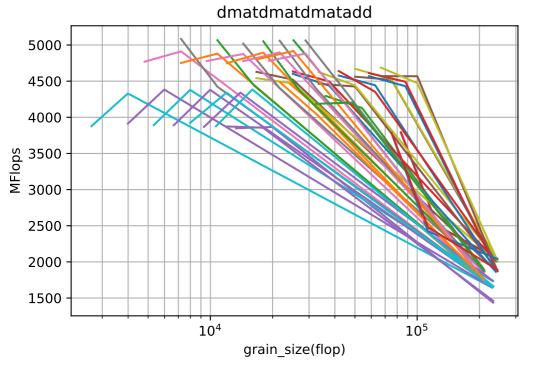
```
4 threads matrix size:264 block size:10-264 num blocks:27
  4 threads matrix size:264 block size:10-128 num blocks:81
  4 threads matrix size:264 block size:10-256 num blocks:54
  4 threads matrix size:264 block size:10-264 num blocks:27
  4 threads matrix size:264 block size:10-64 num blocks:135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

    4 threads matrix size:264 block size:9-64 num blocks:150
```



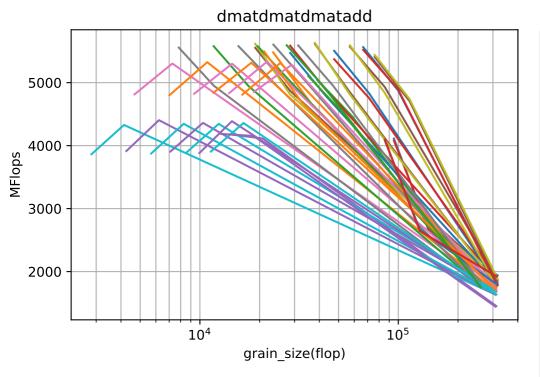
```
4 threads matrix size:300 block size:10-300 num blocks:30
  4 threads matrix size:300 block size:10-128 num blocks:90
  4 threads matrix size:300 block size:10-256 num blocks:60
  4 threads matrix size:300 block size:10-300 num blocks:30
  4 threads matrix_size:300 block_size:10-64 num blocks:150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

    4 threads matrix size:300 block size:9-64 num blocks:170
```



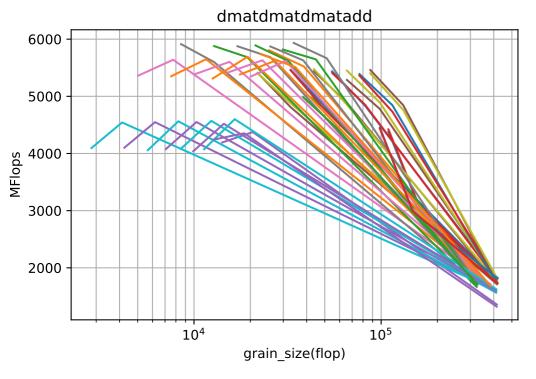
```
4 threads matrix size:345 block size:10-348 num blocks:35
    4 threads matrix_size:345 block_size:10-128 num_blocks:105
    4 threads matrix size:345 block size:10-256 num blocks:70
    4 threads matrix size:345 block size:10-348 num blocks:35
    4 threads matrix size:345 block size:10-64 num blocks:210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

    4 threads matrix size:345 block size:9-64 num blocks:234
```



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

    4 threads matrix size:396 block size:9-64 num blocks:308
```

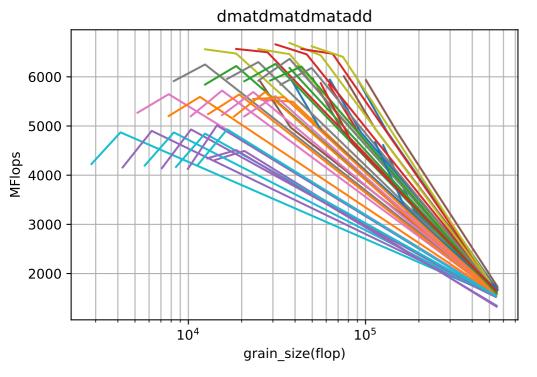


```
4 threads matrix size:455 block size:10-456 num blocks:46
    4 threads matrix size:455 block size:10-128 num blocks:184
    4 threads matrix size:455 block size:10-256 num blocks:92
    4 threads matrix size:455 block size:10-456 num blocks:46
    4 threads matrix size:455 block size:10-64 num blocks:368
    4 threads matrix size:455 block size:2-456 num blocks:228
    4 threads matrix size:455 block size:2-128 num blocks:912
    4 threads matrix size:455 block size:2-256 num blocks:456
    4 threads matrix size:455 block size:2-456 num blocks:228
    4 threads matrix size:455 block size:2-64 num blocks:1824
    4 threads matrix_size:455 block_size:3-456 num_blocks:152
    4 threads matrix_size:455 block_size:3-128 num_blocks:608
    4 threads matrix_size:455 block_size:3-256 num_blocks:304
    4 threads matrix_size:455 block_size:3-456 num_blocks:152
    4 threads matrix size:455 block size:3-64 num blocks:1216
    4 threads matrix size:455 block size:4-456 num blocks:114
    4 threads matrix size:455 block size:4-128 num blocks:456
    4 threads matrix size:455 block size:4-256 num blocks:228
    4 threads matrix size:455 block size:4-456 num blocks:114
    4 threads matrix size:455 block size:4-64 num blocks:912
    4 threads matrix size:455 block size:5-456 num blocks:91
    4 threads matrix size:455 block size:5-128 num blocks:364
    4 threads matrix size:455 block size:5-256 num blocks:182
    4 threads matrix size:455 block size:5-456 num blocks:91
4 threads matrix size:455 block size:5-64 num blocks:728
    4 threads matrix size:455 block size:6-456 num blocks:76
    4 threads matrix size:455 block size:6-128 num blocks:304
    4 threads matrix size:455 block size:6-256 num blocks:152
4 threads matrix size:455 block size:6-456 num_blocks:76
    4 threads matrix_size:455 block_size:6-64 num_blocks:608

    4 threads matrix_size:455 block_size:7-456 num_blocks:65

    4 threads matrix_size:455 block_size:7-128 num_blocks:260
    4 threads matrix_size:455 block_size:7-256 num_blocks:130
    4 threads matrix_size:455 block_size:7-456 num_blocks:65
  4 threads matrix_size:455 block_size:7-64 num_blocks:520
    4 threads matrix_size:455 block_size:8-456 num_blocks:57
    4 threads matrix_size:455 block_size:8-128 num_blocks:228
    4 threads matrix size:455 block size:8-256 num blocks:114
    4 threads matrix_size:455 block_size:8-456 num_blocks:57
    4 threads matrix size:455 block size:8-64 num blocks:456
    4 threads matrix_size:455 block_size:9-456 num_blocks:51
    4 threads matrix size:455 block size:9-128 num blocks:204
    4 threads matrix size:455 block size:9-256 num blocks:102
    4 threads matrix size:455 block size:9-456 num blocks:51

    4 threads matrix size:455 block size:9-64 num blocks:408
```



```
4 threads matrix size:523 block size:10-524 num blocks:53
    4 threads matrix_size:523 block_size:10-128 num_blocks:265
    4 threads matrix size:523 block size:10-256 num blocks:159
    4 threads matrix size:523 block size:10-512 num blocks:106
    4 threads matrix size:523 block size:10-64 num blocks:477
    4 threads matrix size:523 block size:2-524 num blocks:262
    4 threads matrix size:523 block size:2-128 num blocks:1310
    4 threads matrix size:523 block size:2-256 num blocks:786
    4 threads matrix size:523 block size:2-512 num blocks:524
    4 threads matrix size:523 block size:2-64 num blocks:2358
    4 threads matrix_size:523 block_size:3-524 num_blocks:175
    4 threads matrix_size:523 block_size:3-128 num_blocks:875
    4 threads matrix_size:523 block_size:3-256 num_blocks:525
    4 threads matrix_size:523 block_size:3-512 num_blocks:350
    4 threads matrix size:523 block size:3-64 num blocks:1575
    4 threads matrix size:523 block size:4-524 num blocks:131
    4 threads matrix size:523 block size:4-128 num blocks:655
    4 threads matrix size:523 block size:4-256 num blocks:393
    4 threads matrix size:523 block size:4-512 num blocks:262
    4 threads matrix size:523 block size:4-64 num blocks:1179

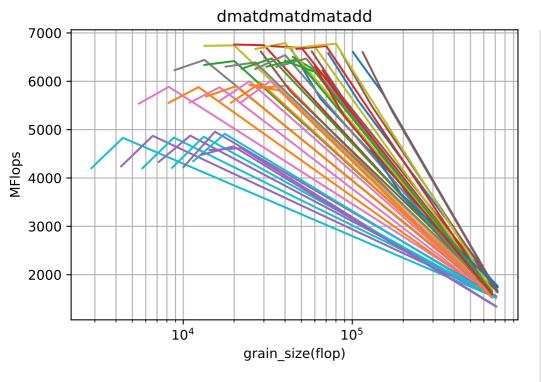
    4 threads matrix size:523 block size:5-524 num blocks:105

    4 threads matrix size:523 block size:5-128 num blocks:525
    4 threads matrix size:523 block size:5-256 num blocks:315
    4 threads matrix size:523 block size:5-512 num blocks:210
4 threads matrix size:523 block size:5-64 num blocks:945
    4 threads matrix size:523 block size:6-524 num blocks:88
    4 threads matrix size:523 block size:6-128 num blocks:440
    4 threads matrix size:523 block size:6-256 num blocks:264
4 threads matrix size:523 block size:6-512 num blocks:176
    4 threads matrix_size:523 block_size:6-64 num_blocks:792
  4 threads matrix_size:523 block_size:7-524 num_blocks:75
    4 threads matrix_size:523 block_size:7-128 num_blocks:375
    4 threads matrix_size:523 block_size:7-256 num_blocks:225
    4 threads matrix_size:523 block_size:7-512 num_blocks:150

    4 threads matrix_size:523 block_size:7-64 num_blocks:675

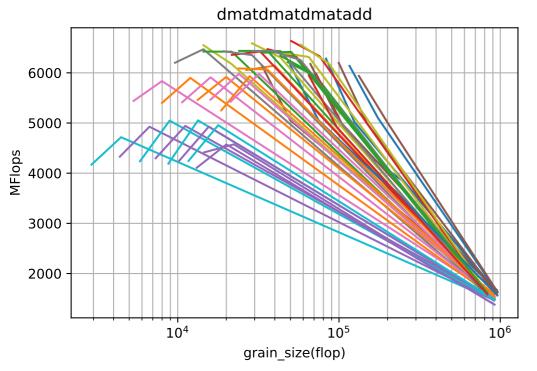
    4 threads matrix_size:523 block_size:8-524 num_blocks:66
    4 threads matrix_size:523 block_size:8-128 num_blocks:330
    4 threads matrix size:523 block size:8-256 num blocks:198
    4 threads matrix_size:523 block_size:8-512 num_blocks:132
    4 threads matrix size:523 block size:8-64 num blocks:594
    4 threads matrix_size:523 block_size:9-524 num_blocks:59
    4 threads matrix size:523 block size:9-128 num blocks:295
    4 threads matrix size:523 block size:9-256 num blocks:177
    4 threads matrix size:523 block size:9-512 num blocks:118

    4 threads matrix size:523 block size:9-64 num blocks:531
```



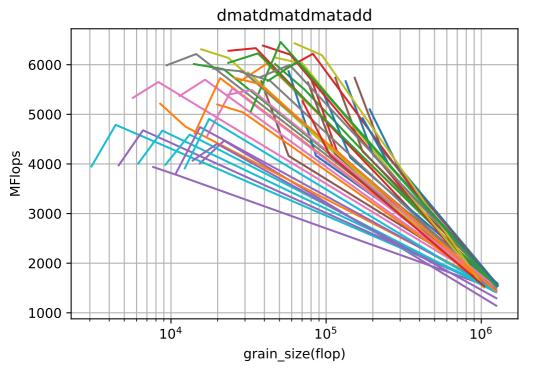
```
4 threads matrix size:600 block size:10-600 num blocks:60
    4 threads matrix size:600 block size:10-128 num blocks:300
    4 threads matrix size:600 block size:10-256 num blocks:180
    4 threads matrix size:600 block size:10-512 num blocks:120
    4 threads matrix size:600 block size:10-64 num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

    4 threads matrix size:600 block size:9-64 num blocks:670
```



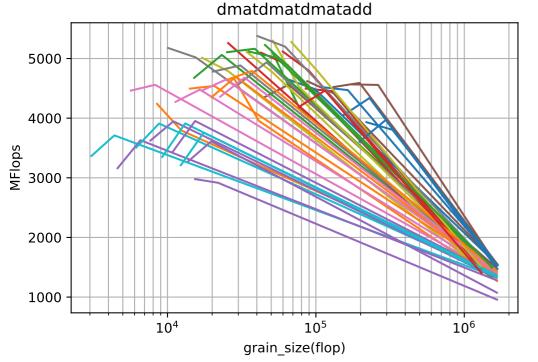
```
4 threads matrix size:690 block size:10-692 num blocks:69
    4 threads matrix size:690 block size:10-128 num blocks:414
    4 threads matrix size:690 block size:10-256 num blocks:207
    4 threads matrix size:690 block size:10-512 num blocks:138
    4 threads matrix size:690 block size:10-64 num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

    4 threads matrix size:690 block size:9-64 num blocks:847
```



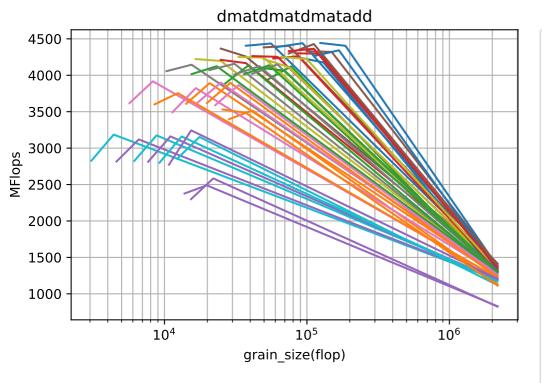
```
4 threads matrix size:793 block size:10-796 num blocks:80
    4 threads matrix size:793 block size:10-128 num blocks:560
    4 threads matrix size:793 block size:10-256 num blocks:320
    4 threads matrix size:793 block size:10-512 num blocks:160
    4 threads matrix size:793 block size:10-64 num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

    4 threads matrix size:793 block size:9-64 num blocks:1157
```



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

    4 threads matrix size:912 block size:9-64 num blocks:1530
```



```
4 threads matrix_size:1048 block_size:10-1024 num_blocks:210
    4 threads matrix size:1048 block size:10-128 num blocks:945

    4 threads matrix size:1048 block size:10-256 num blocks:525

    4 threads matrix size:1048 block size:10-512 num blocks:315
    4 threads matrix size:1048 block size:10-64 num blocks:1785
    4 threads matrix size:1048 block size:2-1024 num blocks:1048
    4 threads matrix_size:1048 block_size:2-128 num_blocks:4716

    4 threads matrix size:1048 block size:2-256 num blocks:2620

    4 threads matrix size:1048 block size:2-512 num blocks:1572
    4 threads matrix size:1048 block size:2-64 num blocks:8908
   4 threads matrix_size:1048 block_size:3-1024 num_blocks:700
    4 threads matrix_size:1048 block_size:3-128 num_blocks:3150
  4 threads matrix_size:1048 block_size:3-256 num_blocks:1750
   4 threads matrix_size:1048 block_size:3-512 num_blocks:1050
4 threads matrix size:1048 block size:3-64 num blocks:5950
   4 threads matrix_size:1048 block_size:4-1024 num_blocks:524
4 threads matrix_size:1048 block_size:4-128 num_blocks:2358
4 threads matrix_size:1048 block_size:4-256 num_blocks:1310

    4 threads matrix size:1048 block size:4-512 num blocks:786

    4 threads matrix_size:1048 block_size:4-64 num_blocks:4454
4 threads matrix size:1048 block size:5-1024 num blocks:420
    4 threads matrix size:1048 block size:5-128 num blocks:1890
4 threads matrix size:1048 block size:5-256 num blocks:1050
4 threads matrix size:1048 block size:5-512 num blocks:630
4 threads matrix size:1048 block size:5-64 num blocks:3570
4 threads matrix size:1048 block size:6-1024 num blocks:350
4 threads matrix size:1048 block size:6-128 num blocks:1575

    4 threads matrix size:1048 block size:6-256 num blocks:875

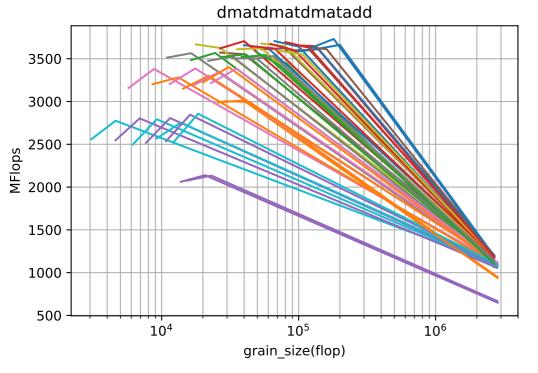
4 threads matrix size:1048 block size:6-512 num blocks:525
  4 threads matrix_size:1048 block_size:6-64 num_blocks:2975
  4 threads matrix_size:1048 block_size:7-1024 num_blocks:300
4 threads matrix_size:1048 block_size:7-128 num_blocks:1350
   4 threads matrix_size:1048 block_size:7-256 num_blocks:750

    4 threads matrix_size:1048 block_size:7-512 num_blocks:450

4 threads matrix_size:1048 block_size:7-64 num_blocks:2550
4 threads matrix_size:1048 block_size:8-1024 num_blocks:262
4 threads matrix_size:1048 block_size:8-128 num_blocks:1179

    4 threads matrix size:1048 block size:8-256 num blocks:655

    4 threads matrix_size:1048 block_size:8-512 num_blocks:393
   4 threads matrix size:1048 block size:8-64 num blocks:2227
 4 threads matrix_size:1048 block_size:9-1024 num_blocks:234
4 threads matrix size:1048 block size:9-128 num blocks:1053
  4 threads matrix_size:1048 block_size:9-256 num_blocks:585
    4 threads matrix size:1048 block size:9-512 num blocks:351
4 threads matrix size:1048 block size:9-64 num blocks:1989
```



```
4 threads matrix size:1200 block size:10-1024 num blocks:240
   4 threads matrix size:1200 block size:10-128 num blocks:1200

    4 threads matrix size:1200 block size:10-256 num blocks:600

    4 threads matrix size:1200 block size:10-512 num blocks:360

    4 threads matrix size:1200 block size:10-64 num blocks:2280

    4 threads matrix size:1200 block size:2-1024 num blocks:1200

    4 threads matrix size:1200 block size:2-128 num blocks:6000

 4 threads matrix size:1200 block size:2-256 num blocks:3000

    4 threads matrix size:1200 block size:2-512 num blocks:1800

    4 threads matrix size:1200 block size:2-64 num blocks:11400
   4 threads matrix_size:1200 block_size:3-1024 num_blocks:800
    4 threads matrix_size:1200 block_size:3-128 num_blocks:4000
  4 threads matrix_size:1200 block_size:3-256 num_blocks:2000
  4 threads matrix_size:1200 block_size:3-512 num_blocks:1200
4 threads matrix size:1200 block size:3-64 num blocks:7600
   4 threads matrix_size:1200 block_size:4-1024 num_blocks:600
4 threads matrix size:1200 block size:4-128 num blocks:3000
4 threads matrix_size:1200 block_size:4-256 num_blocks:1500
4 threads matrix size:1200 block size:4-512 num blocks:900
  4 threads matrix_size:1200 block_size:4-64 num_blocks:5700
4 threads matrix size:1200 block size:5-1024 num blocks:480
    4 threads matrix size:1200 block size:5-128 num blocks:2400
4 threads matrix size:1200 block size:5-256 num blocks:1200
4 threads matrix size:1200 block size:5-512 num blocks:720
4 threads matrix size:1200 block size:5-64 num blocks:4560
4 threads matrix size:1200 block size:6-1024 num blocks:400
4 threads matrix size:1200 block size:6-128 num blocks:2000

    4 threads matrix size:1200 block size:6-256 num blocks:1000

4 threads matrix size:1200 block size:6-512 num blocks:600
  4 threads matrix_size:1200 block_size:6-64 num_blocks:3800
4 threads matrix_size:1200 block_size:7-1024 num_blocks:344
4 threads matrix_size:1200 block_size:7-128 num_blocks:1720
   4 threads matrix_size:1200 block_size:7-256 num_blocks:860
  4 threads matrix_size:1200 block_size:7-512 num_blocks:516
4 threads matrix_size:1200 block_size:7-64 num_blocks:3268
4 threads matrix_size:1200 block_size:8-1024 num_blocks:300
4 threads matrix_size:1200 block_size:8-128 num_blocks:1500

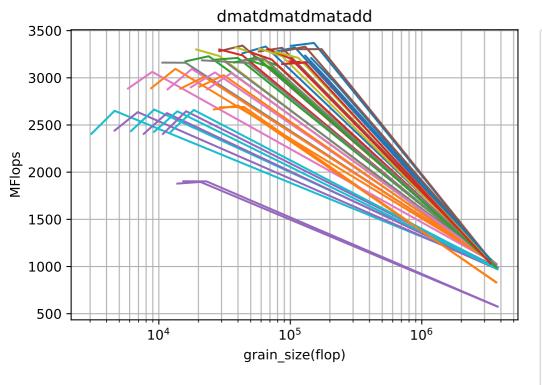
    4 threads matrix size:1200 block size:8-256 num blocks:750

    4 threads matrix_size:1200 block_size:8-512 num_blocks:450
   4 threads matrix size:1200 block size:8-64 num blocks:2850
4 threads matrix_size:1200 block_size:9-1024 num_blocks:268
4 threads matrix size:1200 block size:9-128 num blocks:1340

    4 threads matrix_size:1200 block_size:9-256 num_blocks:670

    4 threads matrix size:1200 block size:9-512 num blocks:402

4 threads matrix size:1200 block size:9-64 num blocks:2546
```



```
4 threads matrix size:1380 block size:10-1024 num blocks:276
    4 threads matrix size:1380 block size:10-128 num blocks:1518

    4 threads matrix size:1380 block size:10-256 num blocks:828

    4 threads matrix size:1380 block size:10-512 num blocks:414
    4 threads matrix size:1380 block size:10-64 num blocks:3036
    4 threads matrix size:1380 block size:2-1024 num blocks:1380
    4 threads matrix_size:1380 block_size:2-128 num_blocks:7590

    4 threads matrix size:1380 block size:2-256 num blocks:4140

    4 threads matrix size:1380 block size:2-512 num blocks:2070
    4 threads matrix size:1380 block size:2-64 num blocks:15180
   4 threads matrix_size:1380 block_size:3-1024 num_blocks:920
    4 threads matrix_size:1380 block_size:3-128 num_blocks:5060
  4 threads matrix_size:1380 block_size:3-256 num_blocks:2760
   4 threads matrix_size:1380 block_size:3-512 num_blocks:1380
4 threads matrix size:1380 block size:3-64 num blocks:10120
   4 threads matrix_size:1380 block_size:4-1024 num_blocks:690
4 threads matrix size:1380 block size:4-128 num blocks:3795
4 threads matrix_size:1380 block_size:4-256 num_blocks:2070

    4 threads matrix size:1380 block size:4-512 num blocks:1035

    4 threads matrix_size:1380 block_size:4-64 num_blocks:7590
4 threads matrix size:1380 block size:5-1024 num blocks:552
    4 threads matrix size:1380 block size:5-128 num blocks:3036
4 threads matrix size:1380 block size:5-256 num blocks:1656
4 threads matrix size:1380 block size:5-512 num blocks:828
4 threads matrix size:1380 block size:5-64 num blocks:6072
4 threads matrix size:1380 block size:6-1024 num blocks:460
4 threads matrix size:1380 block size:6-128 num blocks:2530

    4 threads matrix size:1380 block size:6-256 num blocks:1380

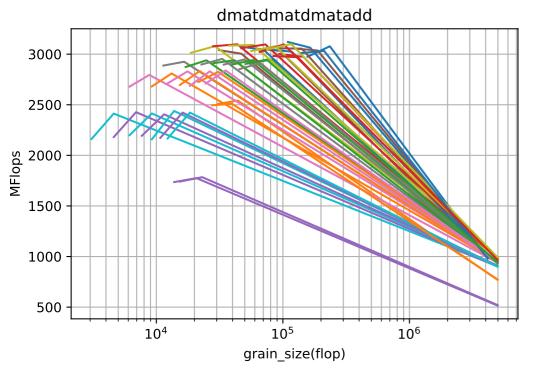
4 threads matrix size:1380 block size:6-512 num blocks:690
  4 threads matrix_size:1380 block_size:6-64 num_blocks:5060
  4 threads matrix_size:1380 block_size:7-1024 num_blocks:396
4 threads matrix_size:1380 block_size:7-128 num_blocks:2178
   4 threads matrix_size:1380 block_size:7-256 num_blocks:1188
  4 threads matrix_size:1380 block_size:7-512 num_blocks:594
4 threads matrix_size:1380 block_size:7-64 num_blocks:4356
4 threads matrix_size:1380 block_size:8-1024 num_blocks:346
4 threads matrix_size:1380 block_size:8-128 num_blocks:1903

    4 threads matrix size:1380 block size:8-256 num blocks:1038

    4 threads matrix_size:1380 block_size:8-512 num_blocks:519

    4 threads matrix size:1380 block size:8-64 num blocks:3806

 4 threads matrix_size:1380 block_size:9-1024 num_blocks:308
4 threads matrix size:1380 block size:9-128 num blocks:1694
  4 threads matrix_size:1380 block_size:9-256 num_blocks:924
    4 threads matrix size:1380 block size:9-512 num blocks:462
4 threads matrix size:1380 block size:9-64 num blocks:3388
```



```
4 threads matrix size:1587 block size:10-1024 num blocks:318
    4 threads matrix size:1587 block size:10-128 num blocks:2067
    4 threads matrix size:1587 block size:10-256 num blocks:1113
    4 threads matrix size:1587 block size:10-512 num blocks:636
    4 threads matrix size:1587 block size:10-64 num blocks:3975
    4 threads matrix size:1587 block size:2-1024 num blocks:1588
    4 threads matrix size:1587 block size:2-128 num blocks:10322

    4 threads matrix size:1587 block size:2-256 num blocks:5558

    4 threads matrix size:1587 block size:2-512 num blocks:3176
    4 threads matrix size:1587 block size:2-64 num blocks:19850
    4 threads matrix_size:1587 block_size:3-1024 num_blocks:1058
    4 threads matrix_size:1587 block_size:3-128 num_blocks:6877
  4 threads matrix_size:1587 block_size:3-256 num_blocks:3703
   4 threads matrix_size:1587 block_size:3-512 num_blocks:2116
4 threads matrix size:1587 block size:3-64 num blocks:13225
   4 threads matrix_size:1587 block_size:4-1024 num_blocks:794
4 threads matrix size:1587 block size:4-128 num blocks:5161
— 4 threads matrix_size:1587 block_size:4-256 num_blocks:2779
 4 threads matrix size:1587 block size:4-512 num blocks:1588
  4 threads matrix_size:1587 block_size:4-64 num_blocks:9925
4 threads matrix size:1587 block size:5-1024 num blocks:636
    4 threads matrix size:1587 block size:5-128 num blocks:4134
4 threads matrix size:1587 block size:5-256 num blocks:2226
4 threads matrix size:1587 block size:5-512 num blocks:1272
— 4 threads matrix size:1587 block size:5-64 num blocks:7950
4 threads matrix size:1587 block size:6-1024 num blocks:530
4 threads matrix size:1587 block size:6-128 num blocks:3445

    4 threads matrix size:1587 block size:6-256 num blocks:1855

4 threads matrix size:1587 block size:6-512 num blocks:1060
  4 threads matrix_size:1587 block_size:6-64 num_blocks:6625
 4 threads matrix_size:1587 block_size:7-1024 num_blocks:454
4 threads matrix_size:1587 block_size:7-128 num_blocks:2951
   4 threads matrix_size:1587 block_size:7-256 num_blocks:1589
  4 threads matrix_size:1587 block_size:7-512 num_blocks:908
4 threads matrix_size:1587 block_size:7-64 num_blocks:5675
4 threads matrix_size:1587 block_size:8-1024 num_blocks:398
4 threads matrix_size:1587 block_size:8-128 num_blocks:2587

    4 threads matrix size:1587 block size:8-256 num blocks:1393

    4 threads matrix_size:1587 block_size:8-512 num_blocks:796
   4 threads matrix size:1587 block size:8-64 num blocks:4975
 4 threads matrix_size:1587 block_size:9-1024 num_blocks:354
4 threads matrix size:1587 block size:9-128 num blocks:2301
  4 threads matrix_size:1587 block_size:9-256 num_blocks:1239
    4 threads matrix size:1587 block size:9-512 num blocks:708
4 threads matrix size:1587 block size:9-64 num blocks:4425
```