

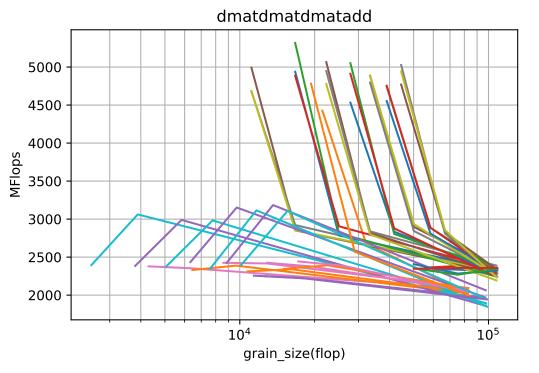
```
2 threads matrix size:200 block size:10-200 num blocks:20
    2 threads matrix size:200 block size:10-128 num blocks:40
    2 threads matrix size:200 block size:10-200 num blocks:20
    2 threads matrix size:200 block size:10-200 num blocks:20
    2 threads matrix size:200 block size:10-64 num blocks:80
    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

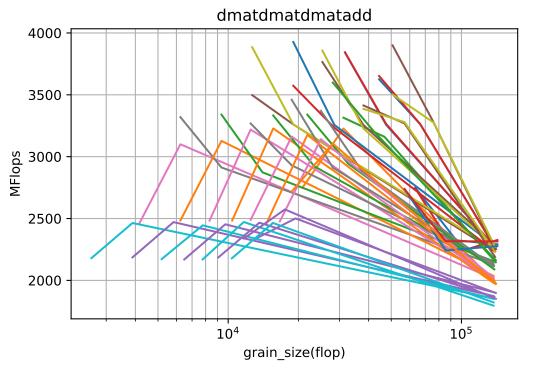
2 threads matrix size:200 block size:6-200 num blocks:34
    2 threads matrix_size:200 block_size:6-64 num_blocks:136
   2 threads matrix_size:200 block_size:7-200 num_blocks:29
    2 threads matrix_size:200 block_size:7-128 num_blocks:58
   2 threads matrix_size:200 block_size:7-200 num_blocks:29
    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
```



```
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

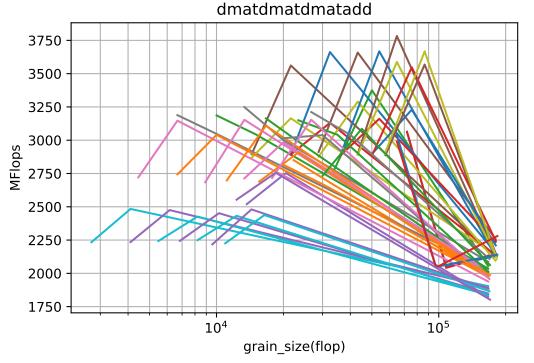
2 threads matrix size:230 block size:6-232 num blocks:39
    2 threads matrix_size:230 block_size:6-64 num_blocks:156
    2 threads matrix_size:230 block_size:7-232 num_blocks:33
    2 threads matrix_size:230 block_size:7-128 num_blocks:66
    2 threads matrix_size:230 block_size:7-232 num_blocks:33
    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
```



```
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
```



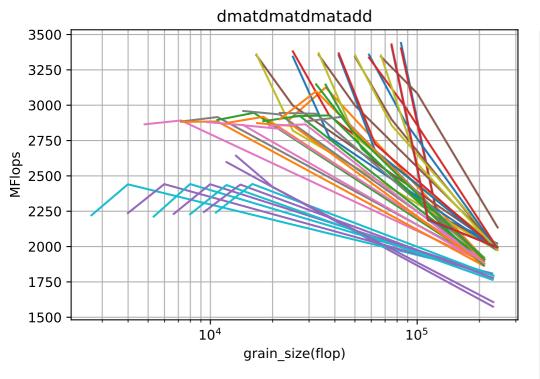
```
2 threads matrix size:300 block size:10-300 num blocks:30
    2 threads matrix size:300 block size:10-128 num blocks:90
    2 threads matrix size:300 block size:10-256 num blocks:60
    2 threads matrix size:300 block size:10-300 num blocks:30
  2 threads matrix_size:300 block_size:10-64 num blocks:150
   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
```



```
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

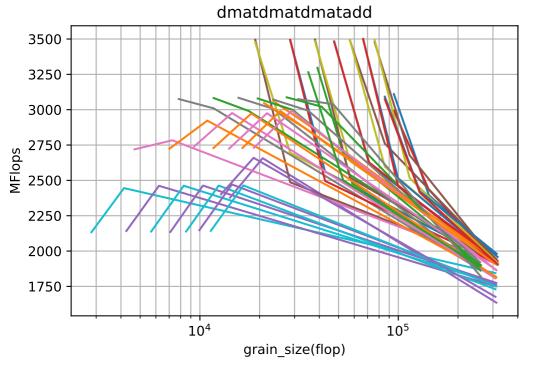
    2 threads matrix size:345 block size:6-256 num blocks:116

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
```



```
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

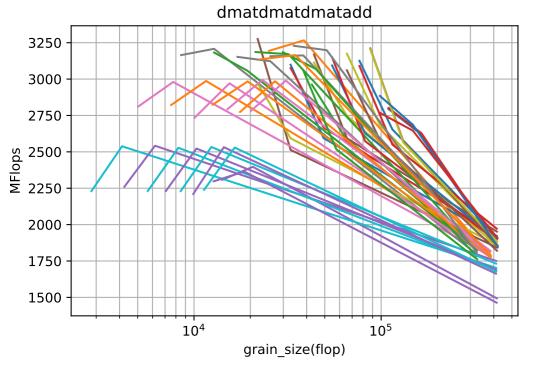
    2 threads matrix size:396 block size:8-64 num blocks:350

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
```



```
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

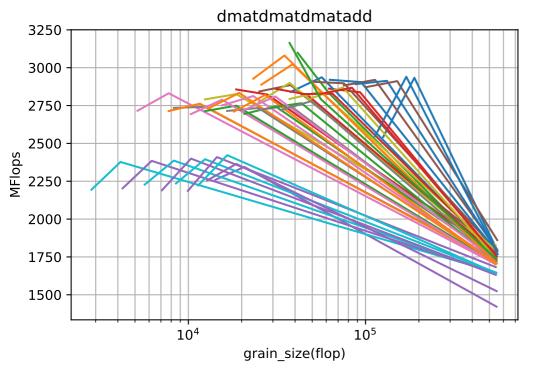
    2 threads matrix size:455 block size:8-64 num blocks:456

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
```



```
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

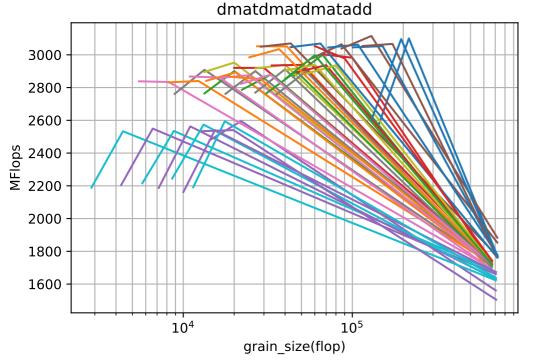
    2 threads matrix size:523 block size:5-128 num blocks:525

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
```



```
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

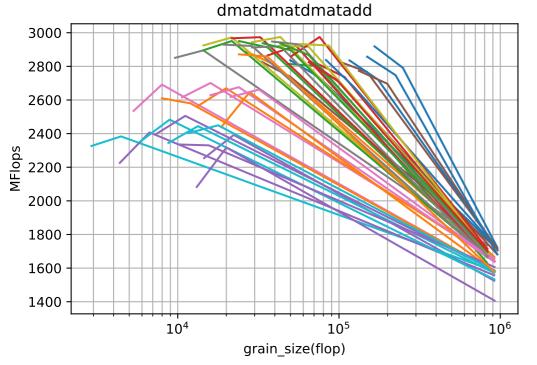
    2 threads matrix size:600 block size:6-256 num blocks:300

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
```



```
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

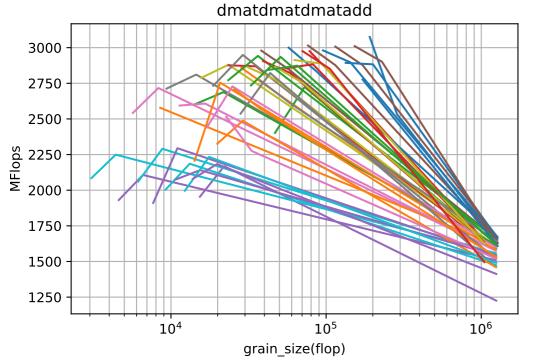
2 threads matrix_size:690 block_size:5-256 num_blocks:414
 2 threads matrix size:690 block size:5-512 num blocks:276
2 threads matrix size:690 block size:5-64 num blocks:1518
2 threads matrix size:690 block size:6-692 num blocks:115
2 threads matrix size:690 block size:6-128 num blocks:690

    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
```



```
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

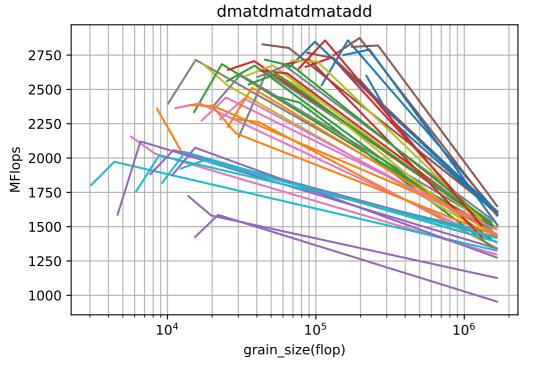
    2 threads matrix size:793 block size:5-128 num blocks:1113

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
```



```
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

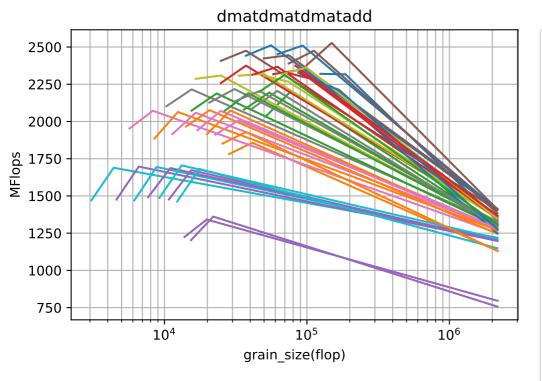
    2 threads matrix size:912 block size:5-128 num blocks:1464

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
```



```
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

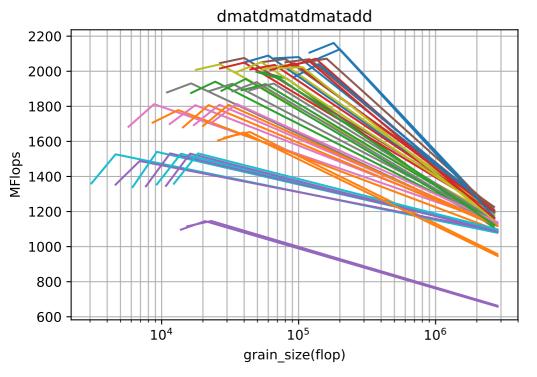
    2 threads matrix_size:1048 block_size:2-128 num_blocks:4716
 2 threads matrix size:1048 block size:2-256 num blocks:2620
    2 threads matrix size:1048 block size:2-512 num blocks:1572
    2 threads matrix size:1048 block size:2-64 num blocks:8908
   2 threads matrix_size:1048 block_size:3-1024 num_blocks:700
    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
```



```
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

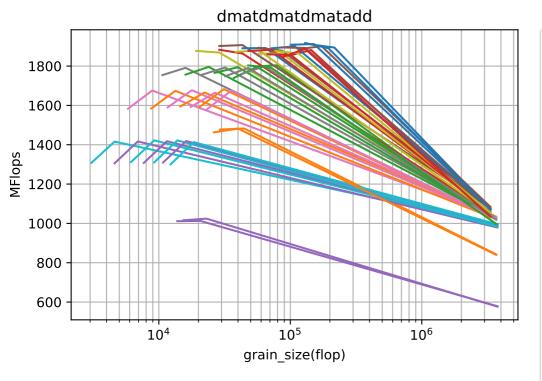
    2 threads matrix_size:1200 block_size:2-128 num_blocks:6000
 2 threads matrix size:1200 block size:2-256 num blocks:3000
    2 threads matrix size:1200 block size:2-512 num blocks:1800
    2 threads matrix size:1200 block size:2-64 num blocks:11400
   2 threads matrix_size:1200 block_size:3-1024 num_blocks:800
    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
```



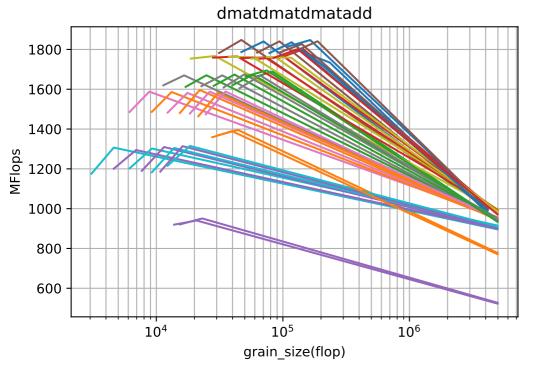
```
2 threads matrix size:1380 block size:10-1024 num blocks:276
    2 threads matrix size:1380 block size:10-128 num blocks:1518
    2 threads matrix size:1380 block size:10-256 num blocks:828
    2 threads matrix size:1380 block size:10-512 num blocks:414

    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
```



```
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
```