

```
7 threads matrix size:200 block size:10-200 num blocks:20
    7 threads matrix size:200 block size:10-128 num blocks:40
    7 threads matrix size:200 block size:10-200 num blocks:20
    7 threads matrix size:200 block size:10-200 num blocks:20
    7 threads matrix size:200 block size:10-64 num blocks:80
    7 threads matrix size:200 block size:2-200 num blocks:100
    7 threads matrix size:200 block size:2-128 num blocks:200
    7 threads matrix size:200 block size:2-200 num blocks:100
    7 threads matrix size:200 block size:2-200 num blocks:100
    7 threads matrix size:200 block size:2-64 num blocks:400
    7 threads matrix_size:200 block_size:3-200 num_blocks:67
    7 threads matrix_size:200 block_size:3-128 num_blocks:134
   7 threads matrix_size:200 block_size:3-200 num_blocks:67
    7 threads matrix_size:200 block_size:3-200 num_blocks:67
    7 threads matrix size:200 block size:3-64 num blocks:268
    7 threads matrix size:200 block size:4-200 num blocks:50
    7 threads matrix size:200 block size:4-128 num blocks:100

    7 threads matrix size:200 block size:4-200 num blocks:50

    7 threads matrix size:200 block size:4-200 num blocks:50
    7 threads matrix_size:200 block_size:4-64 num_blocks:200

    7 threads matrix size:200 block size:5-200 num blocks:40

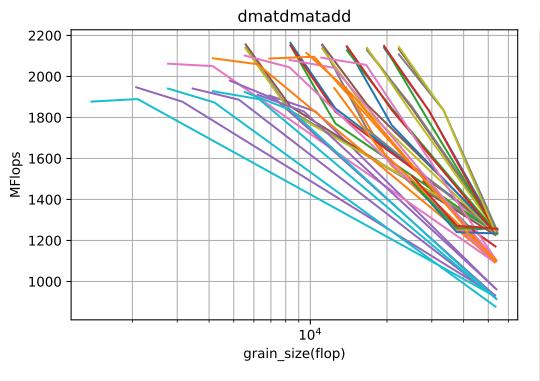
    7 threads matrix size:200 block size:5-128 num blocks:80
7 threads matrix size:200 block size:5-200 num blocks:40
    7 threads matrix size:200 block size:5-200 num blocks:40
7 threads matrix size:200 block size:5-64 num blocks:160
    7 threads matrix size:200 block size:6-200 num blocks:34
    7 threads matrix size:200 block size:6-128 num blocks:68

    7 threads matrix size:200 block size:6-200 num blocks:34

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

    7 threads matrix_size:200 block_size:7-64 num_blocks:116

    7 threads matrix_size:200 block_size:8-200 num_blocks:25
    7 threads matrix_size:200 block_size:8-128 num_blocks:50
    7 threads matrix size:200 block size:8-200 num blocks:25
    7 threads matrix_size:200 block_size:8-200 num_blocks:25
    7 threads matrix size:200 block size:8-64 num blocks:100
    7 threads matrix size:200 block size:9-200 num blocks:23
    7 threads matrix size:200 block size:9-128 num blocks:46
    7 threads matrix size:200 block size:9-200 num blocks:23
    7 threads matrix size:200 block size:9-200 num blocks:23
7 threads matrix size:200 block size:9-64 num blocks:92
```



```
7 threads matrix size:230 block size:10-232 num blocks:23
    7 threads matrix size:230 block size:10-128 num blocks:46
    7 threads matrix_size:230 block_size:10-232 num_blocks:23
    7 threads matrix size:230 block size:10-232 num blocks:23
    7 threads matrix size:230 block size:10-64 num blocks:92
    7 threads matrix size:230 block size:2-232 num blocks:115
    7 threads matrix size:230 block size:2-128 num blocks:230
    7 threads matrix size:230 block size:2-232 num blocks:115
    7 threads matrix size:230 block size:2-232 num blocks:115
    7 threads matrix size:230 block size:2-64 num blocks:460
    7 threads matrix_size:230 block_size:3-232 num_blocks:77
     7 threads matrix_size:230 block_size:3-128 num_blocks:154
    7 threads matrix_size:230 block_size:3-232 num_blocks:77
    7 threads matrix_size:230 block_size:3-232 num_blocks:77
    7 threads matrix size:230 block size:3-64 num blocks:308
    7 threads matrix size:230 block size:4-232 num blocks:58
    7 threads matrix size:230 block size:4-128 num blocks:116

    7 threads matrix size:230 block size:4-232 num blocks:58

    7 threads matrix size:230 block size:4-232 num blocks:58
    7 threads matrix size:230 block size:4-64 num blocks:232
   7 threads matrix_size:230 block_size:5-232 num_blocks:46
    7 threads matrix size:230 block size:5-128 num blocks:92
7 threads matrix size:230 block size:5-232 num blocks:46
    7 threads matrix size:230 block size:5-232 num blocks:46
7 threads matrix size:230 block size:5-64 num blocks:184
    7 threads matrix size:230 block size:6-232 num blocks:39
    7 threads matrix size:230 block size:6-128 num blocks:78

    7 threads matrix size:230 block size:6-232 num blocks:39

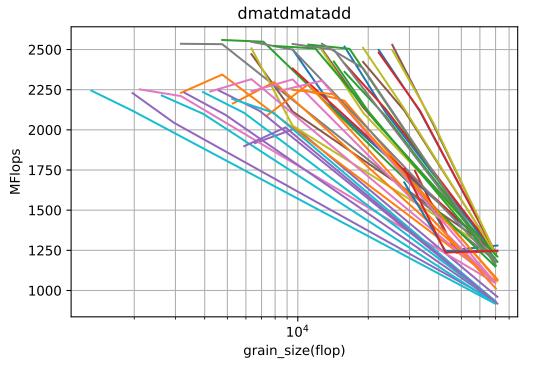
7 threads matrix size:230 block size:6-232 num blocks:39
    7 threads matrix_size:230 block_size:6-64 num_blocks:156
   7 threads matrix_size:230 block_size:7-232 num_blocks:33
    7 threads matrix_size:230 block_size:7-128 num_blocks:66
   7 threads matrix_size:230 block_size:7-232 num_blocks:33
    7 threads matrix_size:230 block_size:7-232 num_blocks:33
  7 threads matrix_size:230 block_size:7-64 num_blocks:132
    7 threads matrix size:230 block size:8-232 num blocks:29
    7 threads matrix_size:230 block_size:8-128 num_blocks:58

    7 threads matrix size:230 block size:8-232 num blocks:29

    7 threads matrix_size:230 block_size:8-232 num_blocks:29
    7 threads matrix size:230 block size:8-64 num blocks:116

    7 threads matrix size:230 block size:9-232 num blocks:26

    7 threads matrix size:230 block size:9-128 num blocks:52
    7 threads matrix size:230 block size:9-232 num blocks:26
    7 threads matrix_size:230 block_size:9-232 num_blocks:26
7 threads matrix size:230 block size:9-64 num blocks:104
```



```
7 threads matrix size:264 block size:10-264 num blocks:27
    7 threads matrix size:264 block size:10-128 num blocks:81

    7 threads matrix size:264 block size:10-256 num blocks:54

    7 threads matrix size:264 block size:10-264 num blocks:27

    7 threads matrix size:264 block size:10-64 num blocks:135

    7 threads matrix size:264 block size:2-264 num blocks:132
    7 threads matrix size:264 block size:2-128 num blocks:396

    7 threads matrix size:264 block size:2-256 num blocks:264

    7 threads matrix size:264 block size:2-264 num blocks:132
    7 threads matrix size:264 block size:2-64 num blocks:660
   7 threads matrix_size:264 block_size:3-264 num_blocks:88
    7 threads matrix_size:264 block_size:3-128 num_blocks:264
7 threads matrix_size:264 block_size:3-256 num_blocks:176
    7 threads matrix_size:264 block_size:3-264 num_blocks:88
    7 threads matrix size:264 block size:3-64 num blocks:440
    7 threads matrix size:264 block size:4-264 num blocks:66
    7 threads matrix size:264 block size:4-128 num blocks:198

    7 threads matrix size:264 block size:4-256 num blocks:132

    7 threads matrix size:264 block size:4-264 num blocks:66
    7 threads matrix size:264 block size:4-64 num blocks:330

    7 threads matrix size:264 block size:5-264 num blocks:53

    7 threads matrix size:264 block size:5-128 num blocks:159
7 threads matrix size:264 block size:5-256 num blocks:106

    7 threads matrix size:264 block size:5-264 num blocks:53

7 threads matrix size:264 block size:5-64 num blocks:265
    7 threads matrix size:264 block size:6-264 num blocks:44
7 threads matrix size:264 block size:6-128 num blocks:132

    7 threads matrix size:264 block size:6-256 num blocks:88

7 threads matrix size:264 block size:6-264 num blocks:44
    7 threads matrix_size:264 block_size:6-64 num_blocks:220
   7 threads matrix_size:264 block_size:7-264 num_blocks:38
    7 threads matrix_size:264 block_size:7-128 num_blocks:114
   7 threads matrix_size:264 block_size:7-256 num_blocks:76
    7 threads matrix_size:264 block_size:7-264 num_blocks:38
 7 threads matrix_size:264 block_size:7-64 num_blocks:190
    7 threads matrix_size:264 block_size:8-264 num_blocks:33
    7 threads matrix_size:264 block_size:8-128 num_blocks:99

    7 threads matrix size:264 block size:8-256 num blocks:66

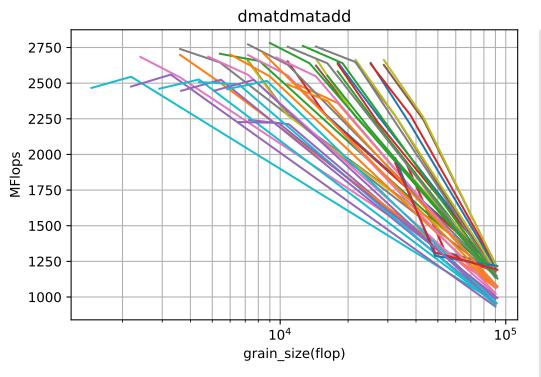
    7 threads matrix_size:264 block_size:8-264 num_blocks:33
    7 threads matrix size:264 block size:8-64 num blocks:165

    7 threads matrix size:264 block size:9-264 num blocks:30

    7 threads matrix size:264 block size:9-128 num blocks:90

    7 threads matrix size:264 block size:9-256 num blocks:60

    7 threads matrix size:264 block size:9-264 num blocks:30
7 threads matrix size:264 block size:9-64 num blocks:150
```



```
7 threads matrix size:300 block size:10-300 num blocks:30
    7 threads matrix size:300 block size:10-128 num blocks:90
  7 threads matrix_size:300 block_size:10-256 num_blocks:60
    7 threads matrix size:300 block size:10-300 num blocks:30
    7 threads matrix size:300 block size:10-64 num blocks:150
    7 threads matrix size:300 block size:2-300 num blocks:150
    7 threads matrix size:300 block size:2-128 num blocks:450

    7 threads matrix size:300 block size:2-256 num blocks:300

    7 threads matrix size:300 block size:2-300 num blocks:150
    7 threads matrix size:300 block size:2-64 num blocks:750
   7 threads matrix_size:300 block_size:3-300 num_blocks:100
    7 threads matrix_size:300 block_size:3-128 num_blocks:300
   7 threads matrix_size:300 block_size:3-256 num_blocks:200
    7 threads matrix_size:300 block_size:3-300 num_blocks:100
    7 threads matrix size:300 block size:3-64 num blocks:500
    7 threads matrix size:300 block size:4-300 num blocks:75
    7 threads matrix size:300 block size:4-128 num blocks:225

    7 threads matrix size:300 block size:4-256 num blocks:150

    7 threads matrix size:300 block size:4-300 num blocks:75
    7 threads matrix size:300 block size:4-64 num blocks:375
   7 threads matrix_size:300 block_size:5-300 num_blocks:60
    7 threads matrix size:300 block size:5-128 num blocks:180
7 threads matrix_size:300 block_size:5-256 num_blocks:120

    7 threads matrix size:300 block size:5-300 num blocks:60

7 threads matrix size:300 block size:5-64 num blocks:300
    7 threads matrix size:300 block size:6-300 num blocks:50
7 threads matrix size:300 block size:6-128 num blocks:150

    7 threads matrix size:300 block size:6-256 num blocks:100

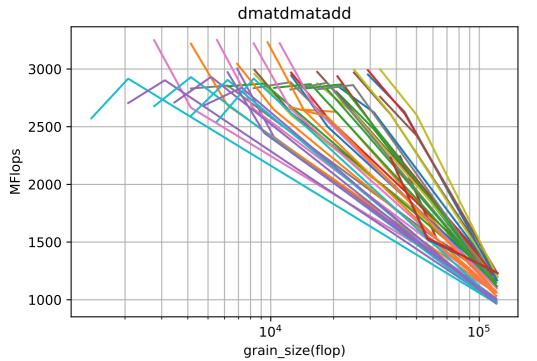
7 threads matrix size:300 block size:6-300 num blocks:50
    7 threads matrix_size:300 block_size:6-64 num_blocks:250
   7 threads matrix_size:300 block_size:7-300 num_blocks:43
    7 threads matrix_size:300 block_size:7-128 num_blocks:129
   7 threads matrix_size:300 block_size:7-256 num_blocks:86
    7 threads matrix_size:300 block_size:7-300 num_blocks:43
 7 threads matrix_size:300 block_size:7-64 num_blocks:215
    7 threads matrix size:300 block size:8-300 num blocks:38
    7 threads matrix_size:300 block_size:8-128 num_blocks:114

    7 threads matrix size:300 block size:8-256 num blocks:76

    7 threads matrix_size:300 block_size:8-300 num_blocks:38
    7 threads matrix size:300 block size:8-64 num blocks:190

    7 threads matrix size:300 block size:9-300 num blocks:34

    7 threads matrix size:300 block size:9-128 num blocks:102
    7 threads matrix size:300 block size:9-256 num blocks:68
    7 threads matrix size:300 block size:9-300 num blocks:34
7 threads matrix size:300 block size:9-64 num blocks:170
```



```
    7 threads matrix size:345 block size:10-348 num blocks:35

    7 threads matrix_size:345 block_size:10-128 num_blocks:105

    7 threads matrix size:345 block size:10-256 num blocks:70

  7 threads matrix size:345 block size:10-348 num blocks:35

    7 threads matrix size:345 block size:10-64 num blocks:210

    7 threads matrix size:345 block size:2-348 num blocks:173

7 threads matrix size:345 block size:2-128 num blocks:519
 7 threads matrix size:345 block size:2-256 num blocks:346

    7 threads matrix size:345 block size:2-348 num blocks:173

    7 threads matrix size:345 block size:2-64 num blocks:1038

   7 threads matrix_size:345 block_size:3-348 num_blocks:115
  7 threads matrix_size:345 block_size:3-128 num_blocks:345
 7 threads matrix_size:345 block_size:3-256 num_blocks:230
   7 threads matrix_size:345 block_size:3-348 num_blocks:115
7 threads matrix size:345 block size:3-64 num blocks:690

    7 threads matrix size:345 block size:4-348 num blocks:87

7 threads matrix size:345 block size:4-128 num blocks:261
7 threads matrix size:345 block size:4-256 num blocks:174
 7 threads matrix size:345 block size:4-348 num blocks:87

    7 threads matrix size:345 block size:4-64 num blocks:522

    7 threads matrix size:345 block size:5-348 num blocks:69

    7 threads matrix size:345 block size:5-128 num blocks:207

7 threads matrix size:345 block size:5-256 num blocks:138
7 threads matrix size:345 block size:5-348 num blocks:69
7 threads matrix size:345 block size:5-64 num blocks:414
7 threads matrix size:345 block size:6-348 num blocks:58
7 threads matrix size:345 block size:6-128 num blocks:174

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

7 threads matrix size:345 block size:6-348 num_blocks:58
 7 threads matrix_size:345 block_size:6-64 num_blocks:348
  7 threads matrix_size:345 block_size:7-348 num_blocks:50
7 threads matrix_size:345 block_size:7-128 num_blocks:150
   7 threads matrix_size:345 block_size:7-256 num_blocks:100
  7 threads matrix_size:345 block_size:7-348 num_blocks:50
7 threads matrix_size:345 block_size:7-64 num_blocks:300
 7 threads matrix_size:345 block_size:8-348 num_blocks:44
7 threads matrix_size:345 block_size:8-128 num_blocks:132
7 threads matrix size:345 block size:8-256 num blocks:88
7 threads matrix_size:345 block_size:8-348 num_blocks:44

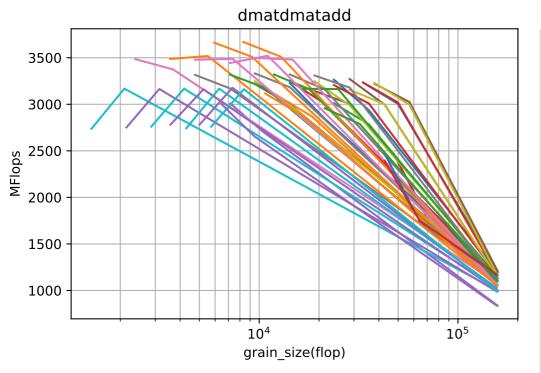
    7 threads matrix size:345 block size:8-64 num blocks:264

 7 threads matrix_size:345 block_size:9-348 num_blocks:39
7 threads matrix size:345 block size:9-128 num blocks:117

    7 threads matrix size:345 block size:9-256 num blocks:78

    7 threads matrix size:345 block size:9-348 num blocks:39

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



```
    7 threads matrix size:396 block size:10-396 num blocks:40

    7 threads matrix_size:396 block_size:10-128 num_blocks:160

    7 threads matrix size:396 block size:10-256 num blocks:80

    7 threads matrix size:396 block size:10-396 num blocks:40

7 threads matrix size:396 block size:10-64 num blocks:280

    7 threads matrix size:396 block size:2-396 num blocks:198

7 threads matrix size:396 block size:2-128 num blocks:792
7 threads matrix size:396 block size:2-256 num blocks:396

    7 threads matrix size:396 block size:2-396 num blocks:198

    7 threads matrix size:396 block size:2-64 num blocks:1386

   7 threads matrix_size:396 block_size:3-396 num_blocks:132
  7 threads matrix_size:396 block_size:3-128 num_blocks:528
 7 threads matrix_size:396 block_size:3-256 num_blocks:264
   7 threads matrix_size:396 block_size:3-396 num_blocks:132

    7 threads matrix size:396 block size:3-64 num blocks:924

    7 threads matrix size:396 block size:4-396 num blocks:99

7 threads matrix size:396 block size:4-128 num blocks:396
7 threads matrix size:396 block size:4-256 num blocks:198

    7 threads matrix size:396 block size:4-396 num blocks:99

    7 threads matrix size:396 block size:4-64 num blocks:693

    7 threads matrix size:396 block size:5-396 num blocks:80

    7 threads matrix size:396 block size:5-128 num blocks:320

7 threads matrix size:396 block size:5-256 num blocks:160
7 threads matrix size:396 block size:5-396 num blocks:80
7 threads matrix size:396 block size:5-64 num blocks:560
7 threads matrix size:396 block size:6-396 num blocks:66
7 threads matrix size:396 block size:6-128 num blocks:264

    7 threads matrix size:396 block size:6-256 num blocks:132

7 threads matrix size:396 block size:6-396 num blocks:66
 7 threads matrix_size:396 block_size:6-64 num_blocks:462
  7 threads matrix_size:396 block_size:7-396 num_blocks:57
7 threads matrix_size:396 block_size:7-128 num_blocks:228
   7 threads matrix_size:396 block_size:7-256 num_blocks:114

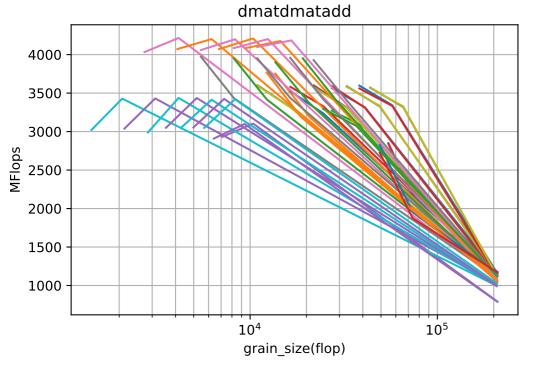
    7 threads matrix_size:396 block_size:7-396 num_blocks:57

7 threads matrix_size:396 block_size:7-64 num_blocks:399
 7 threads matrix_size:396 block_size:8-396 num_blocks:50
7 threads matrix_size:396 block_size:8-128 num_blocks:200
7 threads matrix size:396 block size:8-256 num blocks:100
7 threads matrix_size:396 block_size:8-396 num_blocks:50
   7 threads matrix size:396 block size:8-64 num blocks:350
 7 threads matrix_size:396 block_size:9-396 num_blocks:44
7 threads matrix size:396 block size:9-128 num blocks:176

    7 threads matrix size:396 block size:9-256 num blocks:88

    7 threads matrix size:396 block size:9-396 num blocks:44

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



```
    7 threads matrix size:455 block size:10-456 num blocks:46

    7 threads matrix size:455 block size:10-128 num blocks:184

    7 threads matrix size:455 block size:10-256 num blocks:92

    7 threads matrix size:455 block size:10-456 num blocks:46

7 threads matrix size:455 block size:10-64 num blocks:368

    7 threads matrix size:455 block size:2-456 num blocks:228

7 threads matrix size:455 block size:2-128 num blocks:912
7 threads matrix size:455 block size:2-256 num blocks:456

    7 threads matrix size:455 block size:2-456 num blocks:228

    7 threads matrix size:455 block size:2-64 num blocks:1824

   7 threads matrix_size:455 block_size:3-456 num_blocks:152
  7 threads matrix_size:455 block_size:3-128 num_blocks:608
 7 threads matrix_size:455 block_size:3-256 num_blocks:304
   7 threads matrix_size:455 block_size:3-456 num_blocks:152
7 threads matrix size:455 block size:3-64 num blocks:1216

    7 threads matrix size:455 block size:4-456 num blocks:114

7 threads matrix size:455 block size:4-128 num blocks:456
7 threads matrix size:455 block size:4-256 num blocks:228

    7 threads matrix size:455 block size:4-456 num blocks:114

    7 threads matrix size:455 block size:4-64 num blocks:912

    7 threads matrix size:455 block size:5-456 num blocks:91

    7 threads matrix size:455 block size:5-128 num blocks:364

7 threads matrix_size:455 block_size:5-256 num_blocks:182
 7 threads matrix size:455 block size:5-456 num blocks:91
7 threads matrix size:455 block size:5-64 num blocks:728
7 threads matrix size:455 block size:6-456 num blocks:76
7 threads matrix size:455 block size:6-128 num blocks:304

    7 threads matrix size:455 block size:6-256 num blocks:152

7 threads matrix size:455 block size:6-456 num_blocks:76
 7 threads matrix_size:455 block_size:6-64 num_blocks:608

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

7 threads matrix_size:455 block_size:7-128 num_blocks:260
   7 threads matrix_size:455 block_size:7-256 num_blocks:130

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

7 threads matrix_size:455 block_size:7-64 num_blocks:520

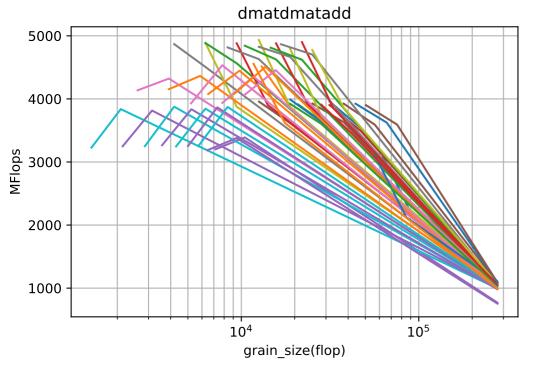
    7 threads matrix_size:455 block_size:8-456 num_blocks:57

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

    7 threads matrix size:455 block size:9-256 num blocks:102

    7 threads matrix size:455 block size:9-456 num blocks:51

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



```
7 threads matrix size:523 block size:10-524 num blocks:53
    7 threads matrix_size:523 block_size:10-128 num_blocks:265

    7 threads matrix size:523 block size:10-256 num blocks:159

   7 threads matrix size:523 block size:10-512 num blocks:106

    7 threads matrix size:523 block size:10-64 num blocks:477

    7 threads matrix size:523 block size:2-524 num blocks:262

    7 threads matrix size:523 block size:2-128 num blocks:1310

    7 threads matrix size:523 block size:2-256 num blocks:786

    7 threads matrix size:523 block size:2-512 num blocks:524

   7 threads matrix size:523 block size:2-64 num blocks:2358
   7 threads matrix_size:523 block_size:3-524 num_blocks:175
  7 threads matrix_size:523 block_size:3-128 num_blocks:875
  7 threads matrix_size:523 block_size:3-256 num_blocks:525
   7 threads matrix_size:523 block_size:3-512 num_blocks:350

    7 threads matrix size:523 block size:3-64 num blocks:1575

    7 threads matrix size:523 block size:4-524 num blocks:131

7 threads matrix size:523 block size:4-128 num blocks:655
7 threads matrix size:523 block size:4-256 num blocks:393

    7 threads matrix size:523 block size:4-512 num blocks:262

   7 threads matrix size:523 block size:4-64 num blocks:1179
  7 threads matrix size:523 block size:5-524 num blocks:105

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

7 threads matrix size:523 block size:5-256 num blocks:315
 7 threads matrix size:523 block size:5-512 num blocks:210
7 threads matrix size:523 block size:5-64 num blocks:945

    7 threads matrix size:523 block size:6-524 num blocks:88

7 threads matrix size:523 block size:6-128 num blocks:440
  7 threads matrix_size:523 block_size:6-256 num_blocks:264
7 threads matrix size:523 block size:6-512 num blocks:176
 7 threads matrix_size:523 block_size:6-64 num_blocks:792
  7 threads matrix_size:523 block_size:7-524 num_blocks:75
7 threads matrix_size:523 block_size:7-128 num_blocks:375
   7 threads matrix_size:523 block_size:7-256 num_blocks:225
  7 threads matrix_size:523 block_size:7-512 num_blocks:150
7 threads matrix_size:523 block_size:7-64 num_blocks:675

    7 threads matrix_size:523 block_size:8-524 num_blocks:66

7 threads matrix_size:523 block_size:8-128 num_blocks:330

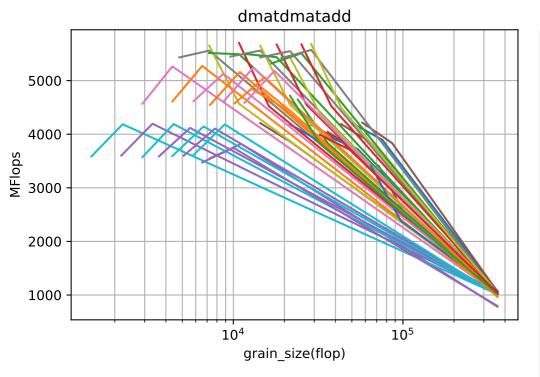
    7 threads matrix size:523 block size:8-256 num blocks:198

7 threads matrix_size:523 block_size:8-512 num_blocks:132
   7 threads matrix size:523 block size:8-64 num blocks:594
 7 threads matrix_size:523 block_size:9-524 num_blocks:59
7 threads matrix size:523 block size:9-128 num blocks:295

    7 threads matrix size:523 block size:9-256 num blocks:177

    7 threads matrix size:523 block size:9-512 num blocks:118

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



```
7 threads matrix size:600 block size:10-600 num blocks:60
    7 threads matrix size:600 block size:10-128 num blocks:300

    7 threads matrix size:600 block size:10-256 num blocks:180

   7 threads matrix size:600 block size:10-512 num blocks:120

    7 threads matrix size:600 block size:10-64 num blocks:600

    7 threads matrix size:600 block size:2-600 num blocks:300

    7 threads matrix size:600 block size:2-128 num blocks:1500

7 threads matrix size:600 block size:2-256 num blocks:900

    7 threads matrix size:600 block size:2-512 num blocks:600

    7 threads matrix size:600 block size:2-64 num blocks:3000

   7 threads matrix_size:600 block_size:3-600 num_blocks:200
    7 threads matrix_size:600 block_size:3-128 num_blocks:1000

    7 threads matrix_size:600 block_size:3-256 num_blocks:600

   7 threads matrix_size:600 block_size:3-512 num_blocks:400

    7 threads matrix size:600 block size:3-64 num blocks:2000

    7 threads matrix size:600 block size:4-600 num blocks:150

7 threads matrix size:600 block size:4-128 num blocks:750
7 threads matrix size:600 block size:4-256 num blocks:450

    7 threads matrix size:600 block size:4-512 num blocks:300

    7 threads matrix size:600 block size:4-64 num blocks:1500

    7 threads matrix size:600 block size:5-600 num blocks:120

    7 threads matrix size:600 block size:5-128 num blocks:600

7 threads matrix size:600 block_size:5-256 num_blocks:360
 7 threads matrix size:600 block size:5-512 num blocks:240
7 threads matrix size:600 block size:5-64 num blocks:1200

    7 threads matrix size:600 block size:6-600 num blocks:100

7 threads matrix size:600 block size:6-128 num blocks:500

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

7 threads matrix size:600 block size:6-512 num blocks:200
 7 threads matrix_size:600 block_size:6-64 num_blocks:1000
  7 threads matrix_size:600 block_size:7-600 num_blocks:86
7 threads matrix_size:600 block_size:7-128 num_blocks:430
   7 threads matrix_size:600 block_size:7-256 num_blocks:258
  7 threads matrix_size:600 block_size:7-512 num_blocks:172
7 threads matrix_size:600 block_size:7-64 num_blocks:860

    7 threads matrix_size:600 block_size:8-600 num_blocks:75

7 threads matrix_size:600 block_size:8-128 num_blocks:375

    7 threads matrix size:600 block size:8-256 num blocks:225

7 threads matrix_size:600 block_size:8-512 num_blocks:150
   7 threads matrix size:600 block size:8-64 num blocks:750

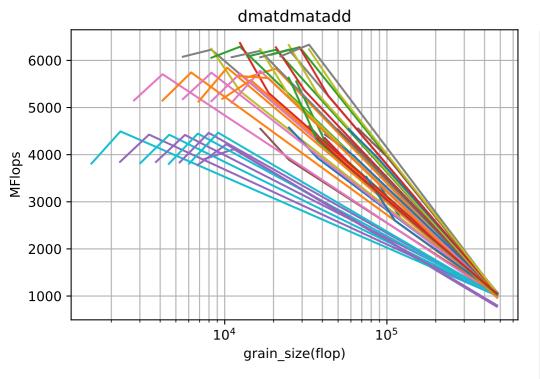
    7 threads matrix size:600 block size:9-600 num blocks:67

7 threads matrix size:600 block size:9-128 num blocks:335

    7 threads matrix size:600 block size:9-256 num blocks:201

    7 threads matrix size:600 block size:9-512 num blocks:134

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



```
    7 threads matrix size:690 block size:10-692 num blocks:69

    7 threads matrix size:690 block size:10-128 num blocks:414

    7 threads matrix size:690 block size:10-256 num blocks:207

   7 threads matrix size:690 block size:10-512 num blocks:138

    7 threads matrix size:690 block size:10-64 num blocks:759

    7 threads matrix size:690 block size:2-692 num blocks:345

    7 threads matrix size:690 block size:2-128 num blocks:2070

 7 threads matrix size:690 block size:2-256 num blocks:1035

    7 threads matrix size:690 block size:2-512 num blocks:690

   7 threads matrix size:690 block size:2-64 num blocks:3795
   7 threads matrix_size:690 block_size:3-692 num_blocks:230
    7 threads matrix_size:690 block_size:3-128 num_blocks:1380
  7 threads matrix_size:690 block_size:3-256 num_blocks:690
    7 threads matrix_size:690 block_size:3-512 num_blocks:460

    7 threads matrix size:690 block size:3-64 num blocks:2530

   7 threads matrix size:690 block size:4-692 num blocks:173

    7 threads matrix size:690 block size:4-128 num blocks:1038

7 threads matrix size:690 block size:4-256 num blocks:519
    7 threads matrix size:690 block size:4-512 num blocks:346
    7 threads matrix size:690 block size:4-64 num blocks:1903
  7 threads matrix size:690 block size:5-692 num blocks:138

    7 threads matrix size:690 block size:5-128 num blocks:828

7 threads matrix size:690 block size:5-256 num blocks:414
 7 threads matrix size:690 block size:5-512 num blocks:276
7 threads matrix size:690 block size:5-64 num blocks:1518

    7 threads matrix size:690 block size:6-692 num blocks:115

7 threads matrix size:690 block size:6-128 num blocks:690

    7 threads matrix size:690 block size:6-256 num blocks:345

7 threads matrix size:690 block size:6-512 num blocks:230
 7 threads matrix_size:690 block_size:6-64 num_blocks:1265
  7 threads matrix_size:690 block_size:7-692 num_blocks:99
7 threads matrix_size:690 block_size:7-128 num_blocks:594
   7 threads matrix_size:690 block_size:7-256 num_blocks:297
  7 threads matrix_size:690 block_size:7-512 num_blocks:198
7 threads matrix_size:690 block_size:7-64 num_blocks:1089

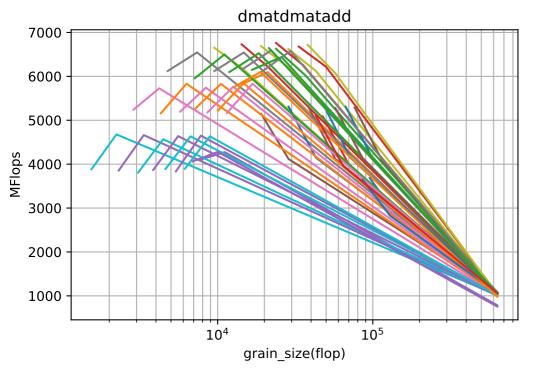
    7 threads matrix size:690 block size:8-692 num blocks:87

7 threads matrix_size:690 block_size:8-128 num_blocks:522
7 threads matrix size:690 block size:8-256 num blocks:261
7 threads matrix_size:690 block_size:8-512 num_blocks:174
   7 threads matrix size:690 block size:8-64 num blocks:957
 7 threads matrix size:690 block size:9-692 num blocks:77
7 threads matrix size:690 block size:9-128 num blocks:462

    7 threads matrix size:690 block size:9-256 num blocks:231

    7 threads matrix size:690 block size:9-512 num blocks:154

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



```
7 threads matrix size:793 block size:10-796 num blocks:80
    7 threads matrix size:793 block size:10-128 num blocks:560

    7 threads matrix size:793 block size:10-256 num blocks:320

   7 threads matrix size:793 block size:10-512 num blocks:160

    7 threads matrix size:793 block size:10-64 num blocks:1040

    7 threads matrix size:793 block size:2-796 num blocks:397

    7 threads matrix size:793 block size:2-128 num blocks:2779

    7 threads matrix size:793 block size:2-256 num blocks:1588

    7 threads matrix size:793 block size:2-512 num blocks:794
   7 threads matrix size:793 block size:2-64 num blocks:5161
   7 threads matrix_size:793 block_size:3-796 num_blocks:265
    7 threads matrix_size:793 block_size:3-128 num_blocks:1855
  7 threads matrix_size:793 block_size:3-256 num_blocks:1060
    7 threads matrix_size:793 block_size:3-512 num_blocks:530

    7 threads matrix size:793 block size:3-64 num blocks:3445

   7 threads matrix_size:793 block_size:4-796 num_blocks:199

    7 threads matrix size:793 block size:4-128 num blocks:1393

7 threads matrix size:793 block size:4-256 num blocks:796
    7 threads matrix size:793 block size:4-512 num blocks:398
    7 threads matrix size:793 block size:4-64 num blocks:2587

    7 threads matrix size:793 block size:5-796 num blocks:159

  7 threads matrix size:793 block size:5-128 num blocks:1113
7 threads matrix_size:793 block_size:5-256 num_blocks:636
 7 threads matrix size:793 block size:5-512 num blocks:318
7 threads matrix size:793 block size:5-64 num blocks:2067

    7 threads matrix size:793 block size:6-796 num blocks:133

7 threads matrix size:793 block size:6-128 num blocks:931

    7 threads matrix size:793 block size:6-256 num blocks:532

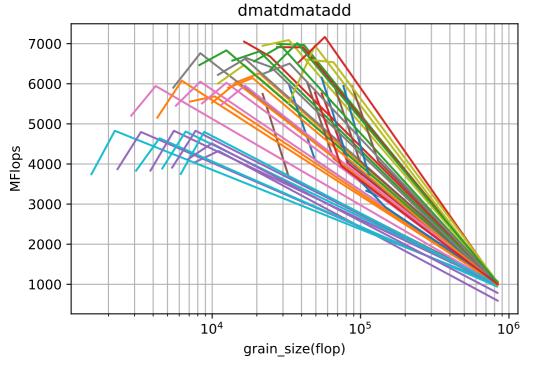
7 threads matrix size:793 block size:6-512 num blocks:266
 7 threads matrix_size:793 block_size:6-64 num_blocks:1729
  7 threads matrix_size:793 block_size:7-796 num_blocks:114
7 threads matrix_size:793 block_size:7-128 num_blocks:798
   7 threads matrix_size:793 block_size:7-256 num_blocks:456
  7 threads matrix_size:793 block_size:7-512 num_blocks:228
7 threads matrix_size:793 block_size:7-64 num_blocks:1482
  7 threads matrix_size:793 block_size:8-796 num_blocks:100
7 threads matrix_size:793 block_size:8-128 num_blocks:700

    7 threads matrix size:793 block size:8-256 num blocks:400

7 threads matrix_size:793 block_size:8-512 num_blocks:200
   7 threads matrix size:793 block size:8-64 num blocks:1300
 7 threads matrix_size:793 block_size:9-796 num_blocks:89
7 threads matrix size:793 block size:9-128 num blocks:623

    7 threads matrix size:793 block size:9-256 num blocks:356

  7 threads matrix size:793 block size:9-512 num blocks:178
 7 threads matrix size:793 block size:9-64 num blocks:1157
```



```
7 threads matrix size:912 block size:10-912 num blocks:92
    7 threads matrix_size:912 block_size:10-128 num_blocks:736

    7 threads matrix size:912 block size:10-256 num blocks:368

   7 threads matrix size:912 block size:10-512 num blocks:184

    7 threads matrix size:912 block size:10-64 num blocks:1380

    7 threads matrix size:912 block size:2-912 num blocks:456

    7 threads matrix size:912 block size:2-128 num blocks:3648

    7 threads matrix size:912 block size:2-256 num blocks:1824

    7 threads matrix size:912 block size:2-512 num blocks:912
    7 threads matrix size:912 block size:2-64 num blocks:6840
   7 threads matrix_size:912 block_size:3-912 num_blocks:304
    7 threads matrix_size:912 block_size:3-128 num_blocks:2432
  7 threads matrix_size:912 block_size:3-256 num_blocks:1216
    7 threads matrix_size:912 block_size:3-512 num_blocks:608
7 threads matrix size:912 block size:3-64 num blocks:4560
    7 threads matrix size:912 block size:4-912 num blocks:228
    7 threads matrix size:912 block size:4-128 num blocks:1824

    7 threads matrix size:912 block size:4-256 num blocks:912

    7 threads matrix size:912 block size:4-512 num blocks:456
    7 threads matrix size:912 block size:4-64 num blocks:3420
  7 threads matrix size:912 block size:5-912 num blocks:183

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

7 threads matrix size:912 block size:5-256 num blocks:732
 7 threads matrix size:912 block size:5-512 num blocks:366
7 threads matrix size:912 block size:5-64 num blocks:2745

    7 threads matrix size:912 block size:6-912 num blocks:152

7 threads matrix size:912 block size:6-128 num blocks:1216
  7 threads matrix_size:912 block_size:6-256 num_blocks:608
7 threads matrix size:912 block size:6-512 num blocks:304
 7 threads matrix_size:912 block_size:6-64 num_blocks:2280
  7 threads matrix_size:912 block_size:7-912 num_blocks:131
7 threads matrix_size:912 block_size:7-128 num_blocks:1048
   7 threads matrix_size:912 block_size:7-256 num_blocks:524
    7 threads matrix_size:912 block_size:7-512 num_blocks:262
7 threads matrix_size:912 block_size:7-64 num_blocks:1965
  7 threads matrix_size:912 block_size:8-912 num_blocks:114
7 threads matrix_size:912 block_size:8-128 num_blocks:912

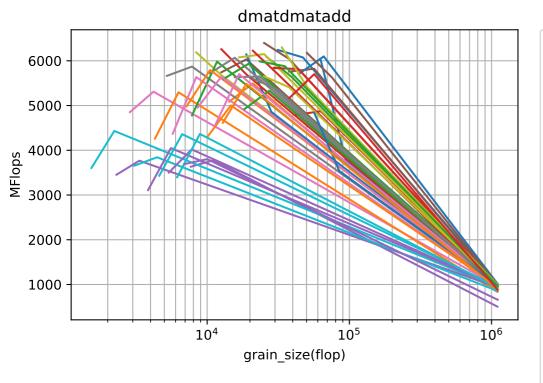
    7 threads matrix size:912 block size:8-256 num blocks:456

7 threads matrix_size:912 block_size:8-512 num_blocks:228
   7 threads matrix size:912 block size:8-64 num blocks:1710
 7 threads matrix size:912 block size:9-912 num blocks:102
7 threads matrix size:912 block size:9-128 num blocks:816

    7 threads matrix size:912 block size:9-256 num blocks:408

    7 threads matrix size:912 block size:9-512 num blocks:204

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



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

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

   7 threads matrix size:1048 block size:10-512 num blocks:315

    7 threads matrix size:1048 block size:10-64 num blocks:1785

    7 threads matrix size:1048 block size:2-1024 num blocks:1048

  7 threads matrix_size:1048 block_size:2-128 num_blocks:4716
 7 threads matrix size:1048 block size:2-256 num blocks:2620
  7 threads matrix size:1048 block size:2-512 num blocks:1572
   7 threads matrix size:1048 block size:2-64 num blocks:8908
   7 threads matrix_size:1048 block_size:3-1024 num_blocks:700
    7 threads matrix_size:1048 block_size:3-128 num_blocks:3150
  7 threads matrix_size:1048 block_size:3-256 num_blocks:1750
   7 threads matrix_size:1048 block_size:3-512 num_blocks:1050
7 threads matrix size:1048 block size:3-64 num blocks:5950
  7 threads matrix_size:1048 block_size:4-1024 num_blocks:524
7 threads matrix_size:1048 block_size:4-128 num_blocks:2358
7 threads matrix_size:1048 block_size:4-256 num_blocks:1310
7 threads matrix size:1048 block size:4-512 num blocks:786
 7 threads matrix_size:1048 block_size:4-64 num_blocks:4454
7 threads matrix size:1048 block size:5-1024 num blocks:420
7 threads matrix size:1048 block size:5-128 num blocks:1890
7 threads matrix size:1048 block size:5-256 num blocks:1050
7 threads matrix size:1048 block size:5-512 num blocks:630
7 threads matrix size:1048 block size:5-64 num blocks:3570
7 threads matrix size:1048 block size:6-1024 num blocks:350
7 threads matrix_size:1048 block_size:6-128 num_blocks:1575

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

7 threads matrix_size:1048 block_size:6-512 num_blocks:525
 7 threads matrix_size:1048 block_size:6-64 num_blocks:2975
7 threads matrix_size:1048 block_size:7-1024 num_blocks:300
7 threads matrix_size:1048 block_size:7-128 num_blocks:1350
   7 threads matrix_size:1048 block_size:7-256 num_blocks:750
 7 threads matrix_size:1048 block_size:7-512 num_blocks:450
7 threads matrix_size:1048 block_size:7-64 num_blocks:2550
7 threads matrix_size:1048 block_size:8-1024 num_blocks:262
7 threads matrix_size:1048 block_size:8-128 num_blocks:1179

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

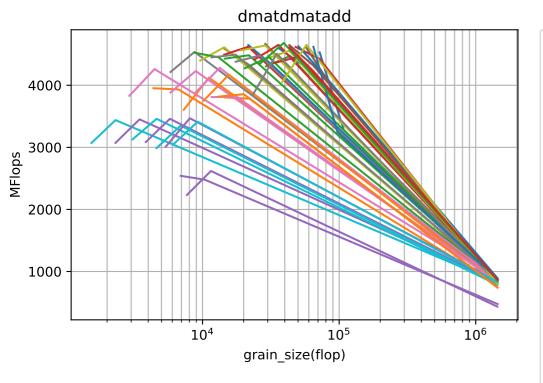
7 threads matrix_size:1048 block_size:8-512 num_blocks:393

    7 threads matrix size:1048 block size:8-64 num blocks:2227

7 threads matrix_size:1048 block_size:9-1024 num_blocks:234
7 threads matrix size:1048 block size:9-128 num blocks:1053
  7 threads matrix_size:1048 block_size:9-256 num_blocks:585

    7 threads matrix size:1048 block size:9-512 num blocks:351

7 threads matrix size:1048 block size:9-64 num blocks:1989
```



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

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

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

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

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

  7 threads matrix_size:1200 block_size:2-128 num_blocks:6000
 7 threads matrix size:1200 block size:2-256 num blocks:3000

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

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

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

7 threads matrix_size:1200 block_size:6-512 num_blocks:600
 7 threads matrix_size:1200 block_size:6-64 num_blocks:3800
7 threads matrix_size:1200 block_size:7-1024 num_blocks:344
7 threads matrix_size:1200 block_size:7-128 num_blocks:1720
   7 threads matrix_size:1200 block_size:7-256 num_blocks:860
 7 threads matrix_size:1200 block_size:7-512 num_blocks:516
7 threads matrix_size:1200 block_size:7-64 num_blocks:3268
7 threads matrix_size:1200 block_size:8-1024 num_blocks:300
7 threads matrix_size:1200 block_size:8-128 num_blocks:1500
7 threads matrix size:1200 block size:8-256 num blocks:750
7 threads matrix_size:1200 block_size:8-512 num_blocks:450

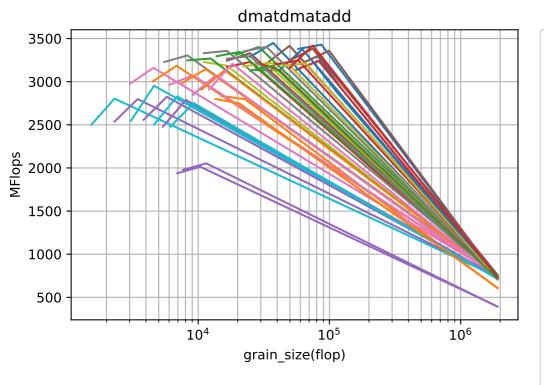
    7 threads matrix size:1200 block size:8-64 num blocks:2850

7 threads matrix_size:1200 block_size:9-1024 num_blocks:268
7 threads matrix size:1200 block size:9-128 num blocks:1340

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

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

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



```
    7 threads matrix size:1380 block size:10-1024 num blocks:276

   7 threads matrix size:1380 block size:10-128 num blocks:1518

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

   7 threads matrix size:1380 block size:10-512 num blocks:414

    7 threads matrix size:1380 block size:10-64 num blocks:3036

    7 threads matrix size:1380 block size:2-1024 num blocks:1380

  7 threads matrix_size:1380 block_size:2-128 num_blocks:7590
7 threads matrix size:1380 block size:2-256 num blocks:4140

    7 threads matrix size:1380 block size:2-512 num blocks:2070

   7 threads matrix size:1380 block size:2-64 num blocks:15180
   7 threads matrix_size:1380 block_size:3-1024 num_blocks:920
    7 threads matrix_size:1380 block_size:3-128 num_blocks:5060
7 threads matrix_size:1380 block_size:3-256 num_blocks:2760
   7 threads matrix_size:1380 block_size:3-512 num_blocks:1380
7 threads matrix size:1380 block size:3-64 num blocks:10120
  7 threads matrix_size:1380 block_size:4-1024 num_blocks:690
7 threads matrix size:1380 block size:4-128 num blocks:3795
— 7 threads matrix_size:1380 block_size:4-256 num_blocks:2070
7 threads matrix size:1380 block size:4-512 num blocks:1035
7 threads matrix_size:1380 block_size:4-64 num_blocks:7590
7 threads matrix size:1380 block size:5-1024 num blocks:552
7 threads matrix size:1380 block size:5-128 num blocks:3036
7 threads matrix size:1380 block size:5-256 num blocks:1656
7 threads matrix size:1380 block size:5-512 num blocks:828
7 threads matrix size:1380 block size:5-64 num blocks:6072
7 threads matrix size:1380 block size:6-1024 num blocks:460
7 threads matrix_size:1380 block_size:6-128 num_blocks:2530

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

7 threads matrix_size:1380 block_size:6-512 num_blocks:690
 7 threads matrix_size:1380 block_size:6-64 num_blocks:5060
7 threads matrix_size:1380 block_size:7-1024 num_blocks:396
7 threads matrix_size:1380 block_size:7-128 num_blocks:2178
   7 threads matrix_size:1380 block_size:7-256 num_blocks:1188
 7 threads matrix_size:1380 block_size:7-512 num_blocks:594
7 threads matrix_size:1380 block_size:7-64 num_blocks:4356
7 threads matrix_size:1380 block_size:8-1024 num_blocks:346
7 threads matrix_size:1380 block_size:8-128 num_blocks:1903
7 threads matrix size:1380 block size:8-256 num blocks:1038
7 threads matrix_size:1380 block_size:8-512 num_blocks:519

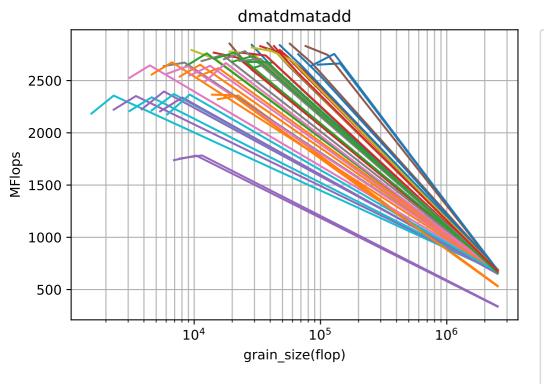
    7 threads matrix size:1380 block size:8-64 num blocks:3806

7 threads matrix_size:1380 block_size:9-1024 num_blocks:308
7 threads matrix size:1380 block size:9-128 num blocks:1694

    7 threads matrix_size:1380 block_size:9-256 num_blocks:924

    7 threads matrix size:1380 block size:9-512 num blocks:462

7 threads matrix size:1380 block size:9-64 num blocks:3388
```



```
7 threads matrix size:1587 block size:10-1024 num blocks:318
    7 threads matrix size:1587 block size:10-128 num blocks:2067

    7 threads matrix size:1587 block size:10-256 num blocks:1113

   7 threads matrix size:1587 block size:10-512 num blocks:636

    7 threads matrix size:1587 block size:10-64 num blocks:3975

  7 threads matrix size:1587 block size:2-1024 num blocks:1588

    7 threads matrix size:1587 block size:2-128 num blocks:10322

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

    7 threads matrix size:1587 block size:2-512 num blocks:3176

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

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

7 threads matrix size:1587 block size:6-512 num blocks:1060
 7 threads matrix_size:1587 block_size:6-64 num_blocks:6625
7 threads matrix_size:1587 block_size:7-1024 num_blocks:454
7 threads matrix_size:1587 block_size:7-128 num_blocks:2951
  7 threads matrix_size:1587 block_size:7-256 num_blocks:1589
 7 threads matrix_size:1587 block_size:7-512 num_blocks:908
— 7 threads matrix_size:1587 block_size:7-64 num_blocks:5675
7 threads matrix_size:1587 block_size:8-1024 num_blocks:398
7 threads matrix_size:1587 block_size:8-128 num_blocks:2587
 7 threads matrix size:1587 block size:8-256 num blocks:1393
7 threads matrix_size:1587 block_size:8-512 num_blocks:796

    7 threads matrix size:1587 block size:8-64 num blocks:4975

7 threads matrix_size:1587 block_size:9-1024 num_blocks:354
7 threads matrix size:1587 block size:9-128 num blocks:2301
  7 threads matrix_size:1587 block_size:9-256 num_blocks:1239

    7 threads matrix size:1587 block size:9-512 num blocks:708

7 threads matrix size:1587 block size:9-64 num blocks:4425
```