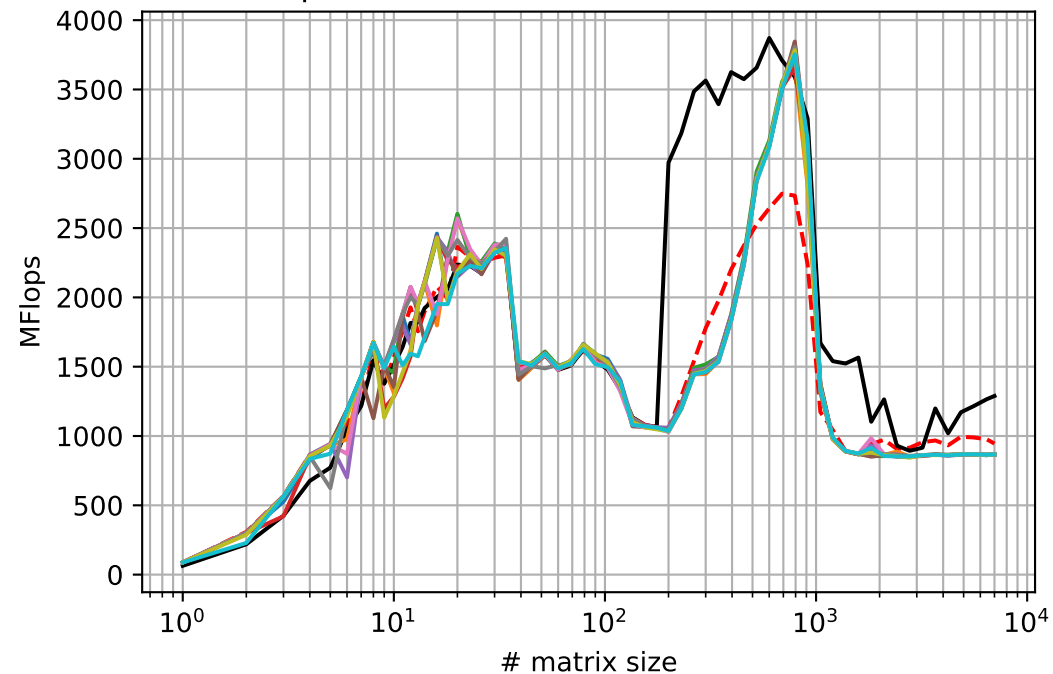
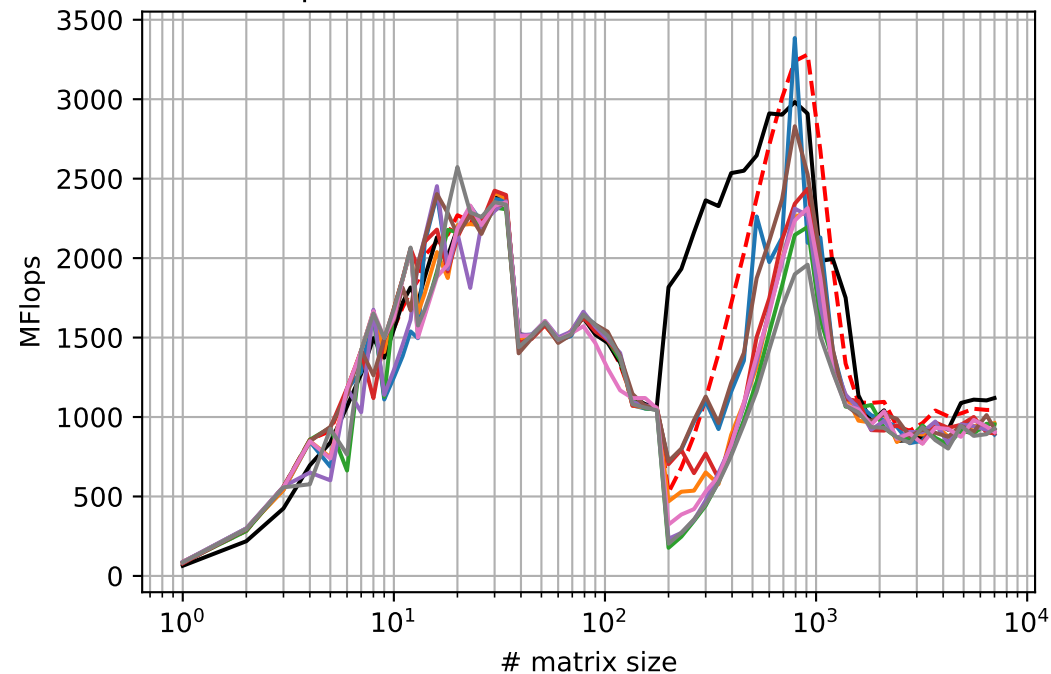


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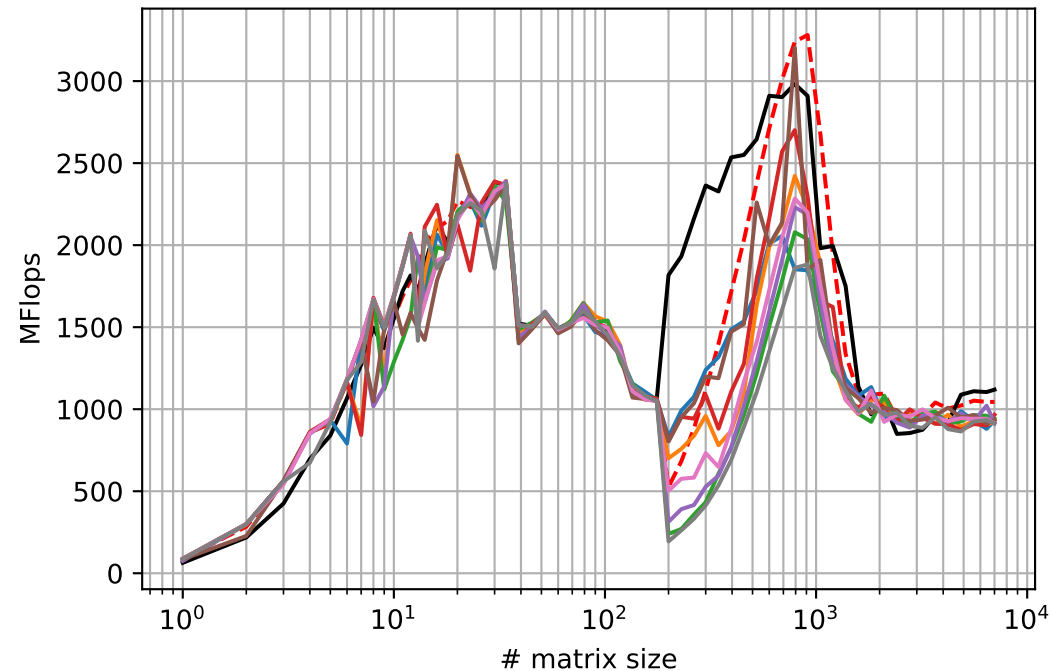
- hpx before changes 7 threads
- openmp 7 threads
- chunk\_size: 1 block\_size: 4-1024 7 threads
- chunk\_size: 2 block\_size: 4-1024 7 threads
- chunk\_size: 4 block\_size: 4-1024 7 threads
- chunk\_size: 8 block\_size: 4-1024 7 threads
- chunk\_size: 10 block\_size: 4-1024 7 threads
- chunk\_size: 12 block\_size: 4-1024 7 threads
- chunk\_size: 14 block\_size: 4-1024 7 threads
- chunk\_size: 16 block\_size: 4-1024 7 threads
- chunk\_size: 20 block\_size: 4-1024 7 threads
- chunk\_size: 30 block\_size: 4-1024 7 threads

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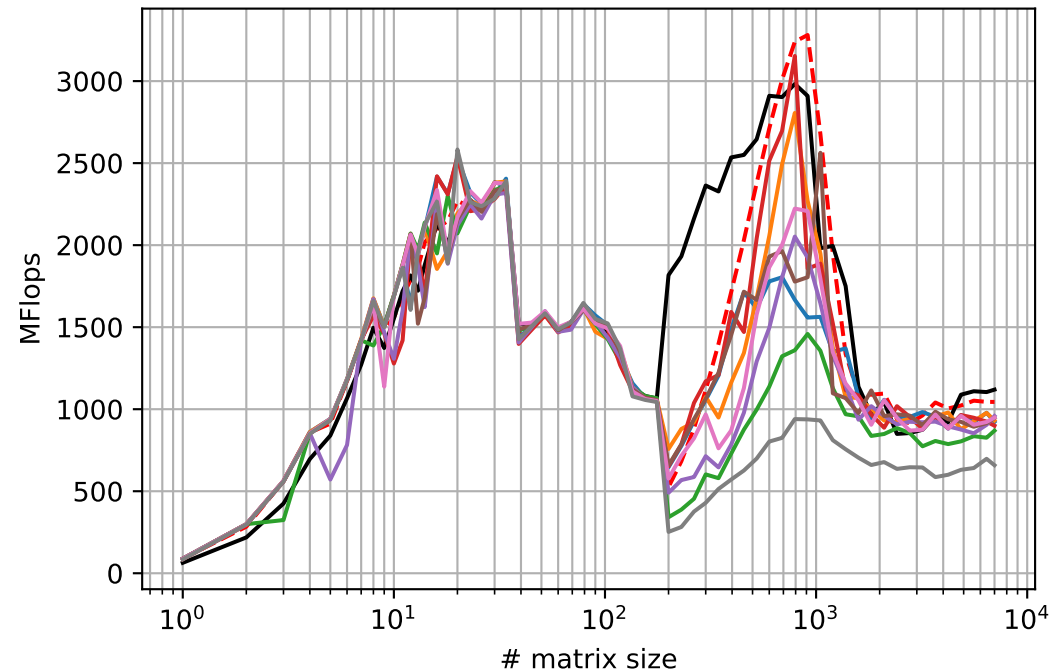
- hpx before changes 14 threads
- openmp 14 threads
- chunk\_size: 10 block\_size: 4-1024 14 threads
- chunk\_size: 10 block\_size: 4-128 14 threads
- chunk\_size: 10 block\_size: 4-16 14 threads
- chunk\_size: 10 block\_size: 4-256 14 threads
- chunk\_size: 10 block\_size: 4-32 14 threads
- chunk\_size: 10 block\_size: 4-512 14 threads
- chunk\_size: 10 block\_size: 4-64 14 threads
- chunk\_size: 10 block\_size: 4-8 14 threads

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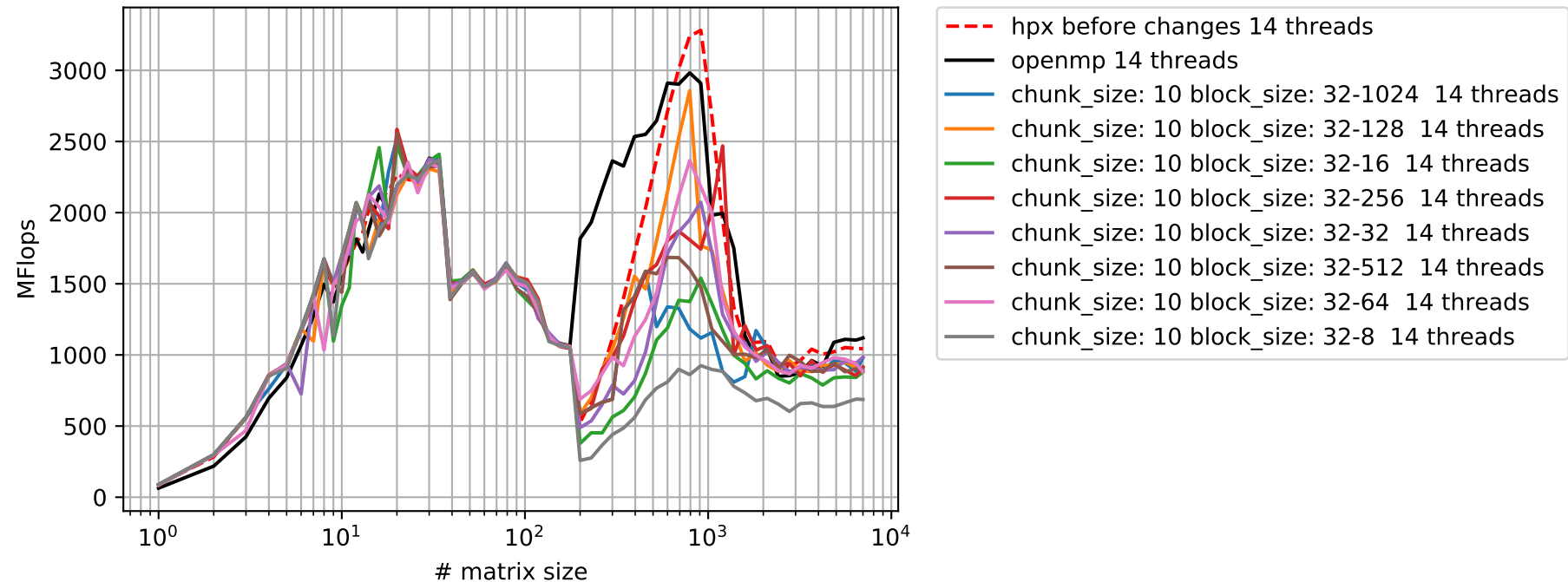
- hpx before changes 14 threads
- openmp 14 threads
- chunk\_size: 10 block\_size: 8-1024 14 threads
- chunk\_size: 10 block\_size: 8-128 14 threads
- chunk\_size: 10 block\_size: 8-16 14 threads
- chunk\_size: 10 block\_size: 8-256 14 threads
- chunk\_size: 10 block\_size: 8-32 14 threads
- chunk\_size: 10 block\_size: 8-512 14 threads
- chunk\_size: 10 block\_size: 8-64 14 threads
- chunk\_size: 10 block\_size: 8-8 14 threads

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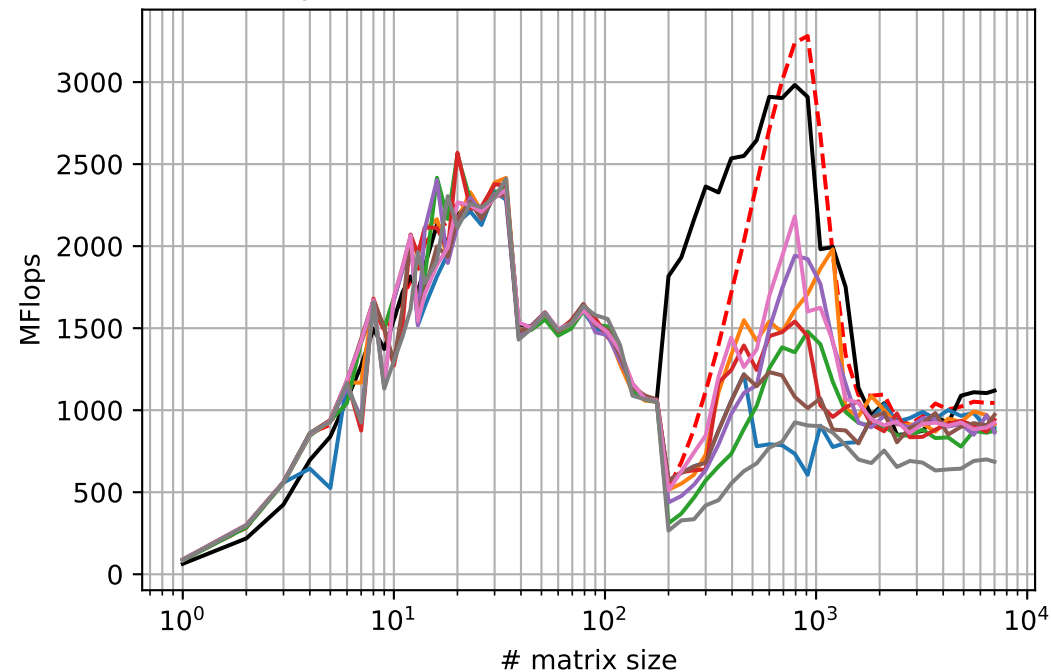


- hpx before changes 14 threads
- openmp 14 threads
- chunk\_size: 10 block\_size: 16-1024 14 threads
- chunk\_size: 10 block\_size: 16-128 14 threads
- chunk\_size: 10 block\_size: 16-16 14 threads
- chunk\_size: 10 block\_size: 16-256 14 threads
- chunk\_size: 10 block\_size: 16-32 14 threads
- chunk\_size: 10 block\_size: 16-512 14 threads
- chunk\_size: 10 block\_size: 16-64 14 threads
- chunk\_size: 10 block\_size: 16-8 14 threads

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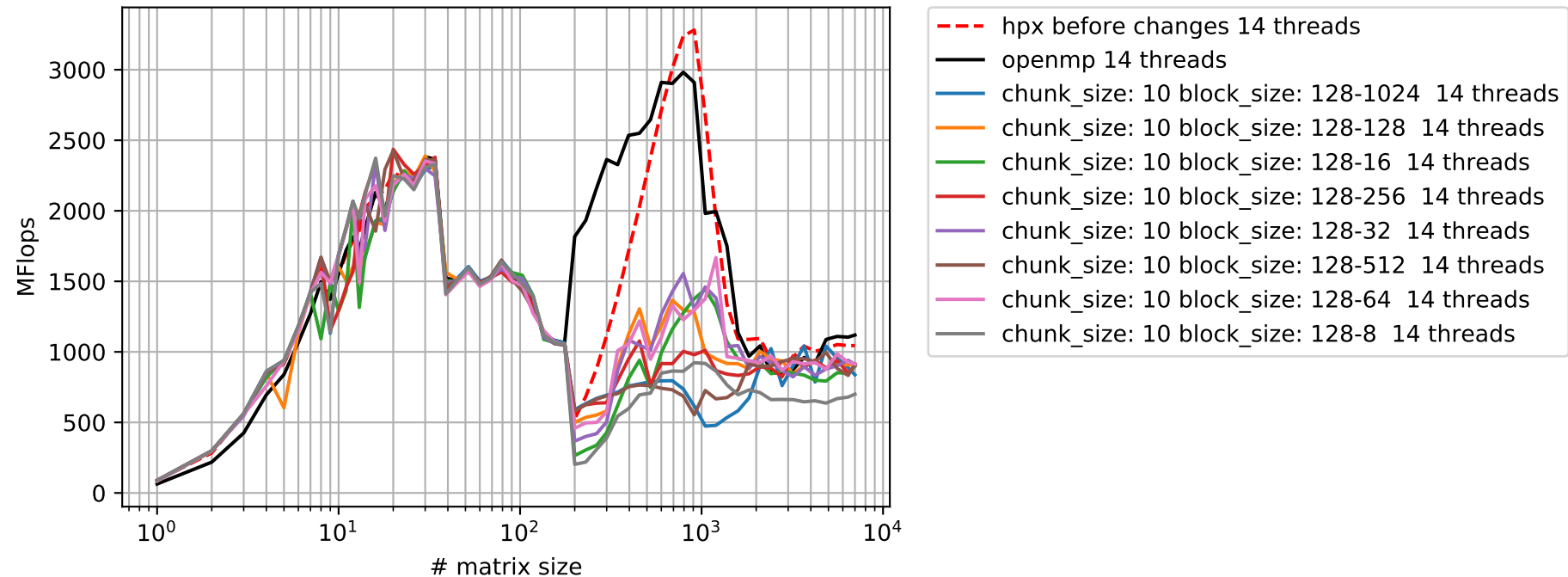


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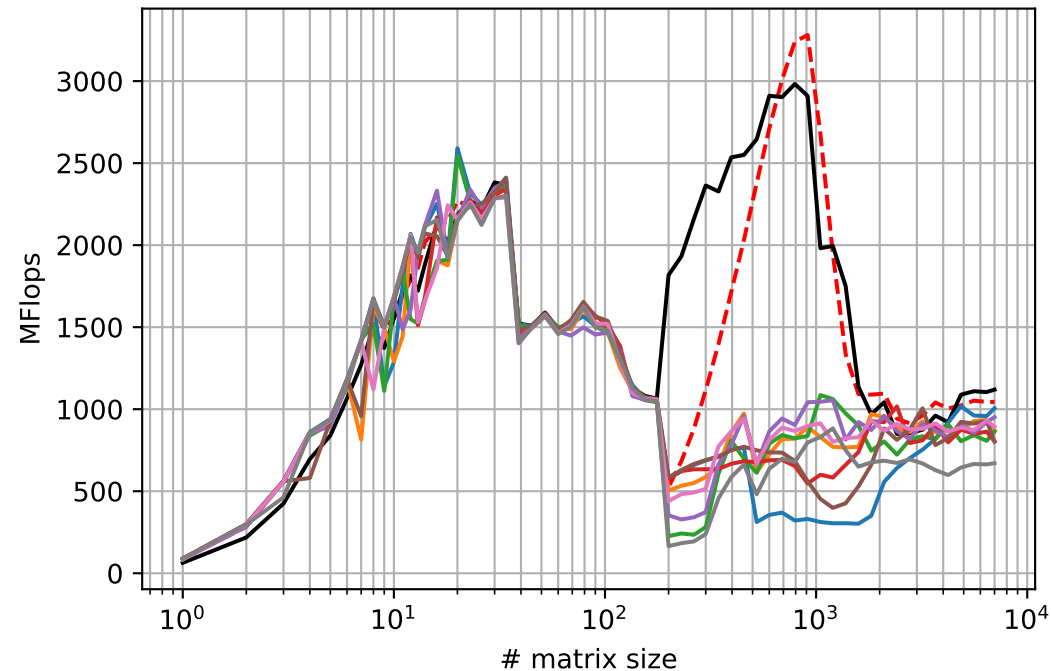


- hpx before changes 14 threads
- openmp 14 threads
- chunk\_size: 10 block\_size: 64-1024 14 threads
- chunk\_size: 10 block\_size: 64-128 14 threads
- chunk\_size: 10 block\_size: 64-16 14 threads
- chunk\_size: 10 block\_size: 64-256 14 threads
- chunk\_size: 10 block\_size: 64-32 14 threads
- chunk\_size: 10 block\_size: 64-512 14 threads
- chunk\_size: 10 block\_size: 64-64 14 threads
- chunk\_size: 10 block\_size: 64-8 14 threads

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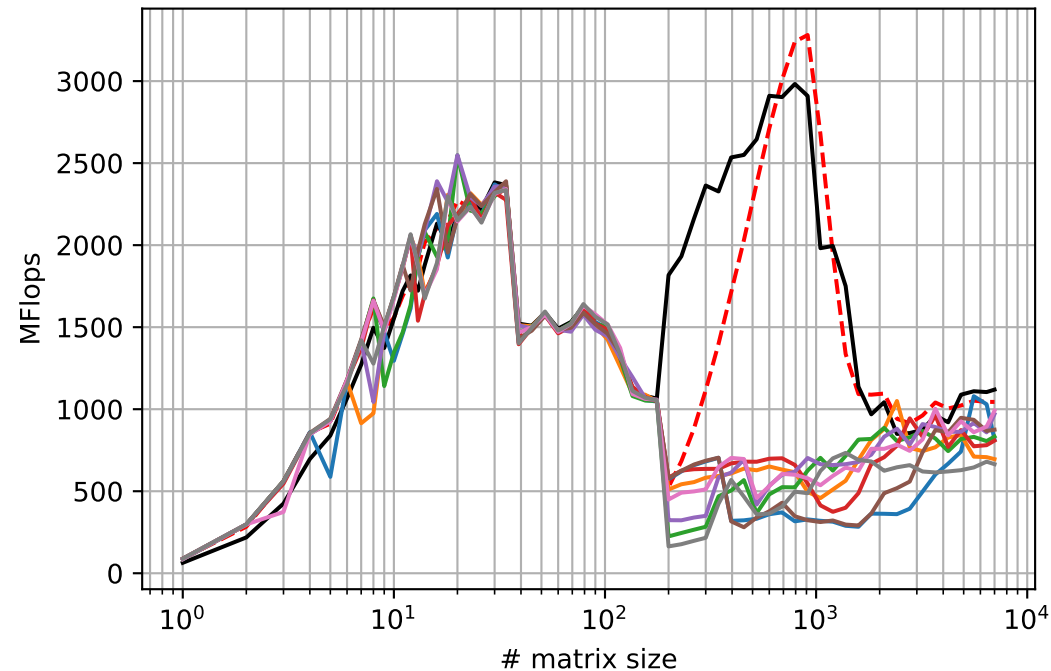
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- hpx before changes 14 threads
- openmp 14 threads
- chunk\_size: 10 block\_size: 256-1024 14 threads
- chunk\_size: 10 block\_size: 256-128 14 threads
- chunk\_size: 10 block\_size: 256-16 14 threads
- chunk\_size: 10 block\_size: 256-256 14 threads
- chunk\_size: 10 block\_size: 256-32 14 threads
- chunk\_size: 10 block\_size: 256-512 14 threads
- chunk\_size: 10 block\_size: 256-64 14 threads
- chunk\_size: 10 block\_size: 256-8 14 threads

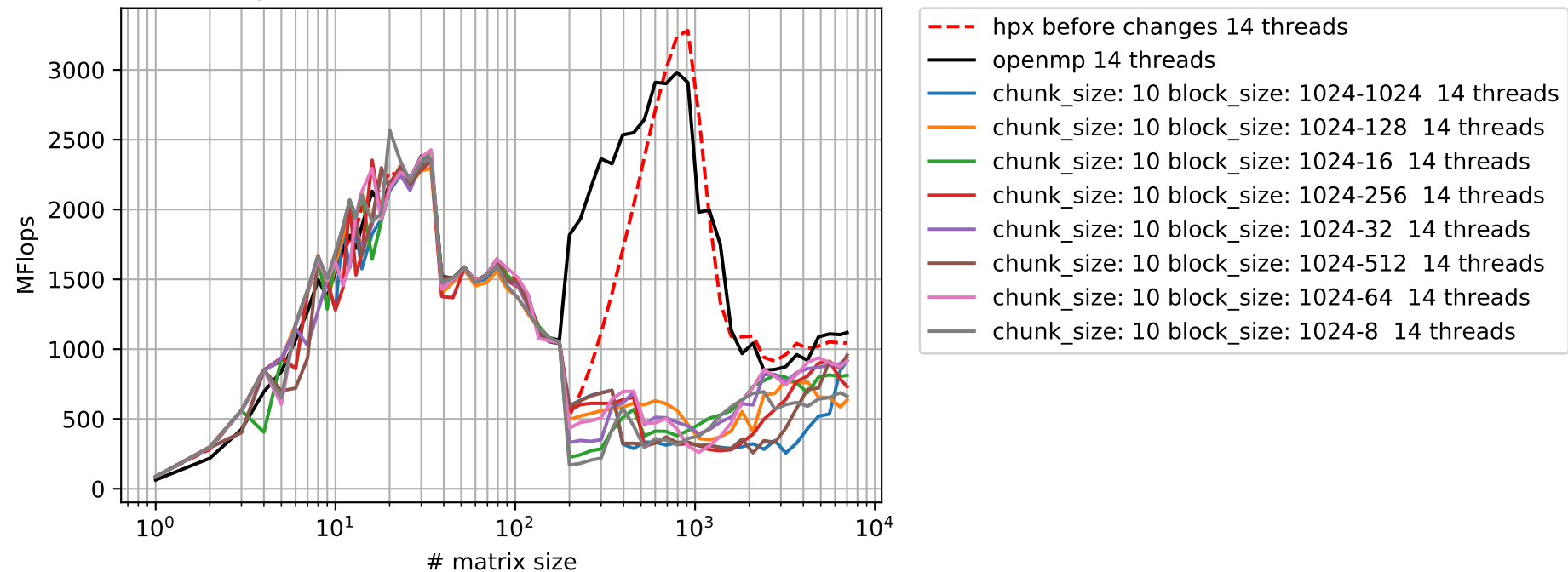


# hpx dmatdmatadd 01-04-2019-1027

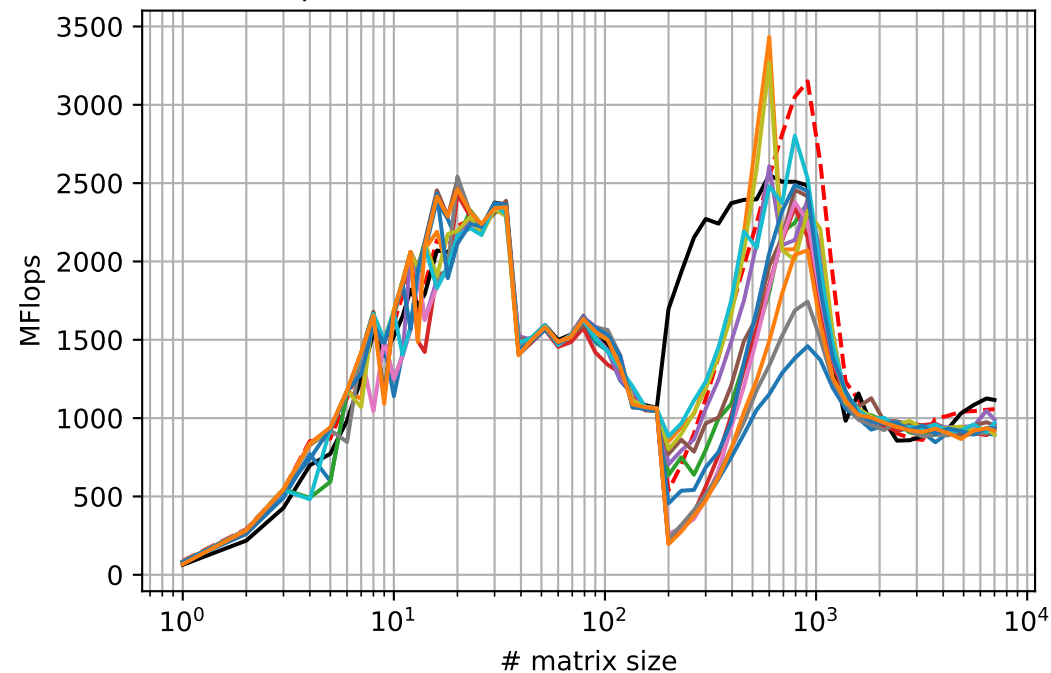


- hpx before changes 14 threads
- openmp 14 threads
- chunk\_size: 10 block\_size: 512-1024 14 threads
- chunk\_size: 10 block\_size: 512-128 14 threads
- chunk\_size: 10 block\_size: 512-16 14 threads
- chunk\_size: 10 block\_size: 512-256 14 threads
- chunk\_size: 10 block\_size: 512-32 14 threads
- chunk\_size: 10 block\_size: 512-512 14 threads
- chunk\_size: 10 block\_size: 512-64 14 threads
- chunk\_size: 10 block\_size: 512-8 14 threads

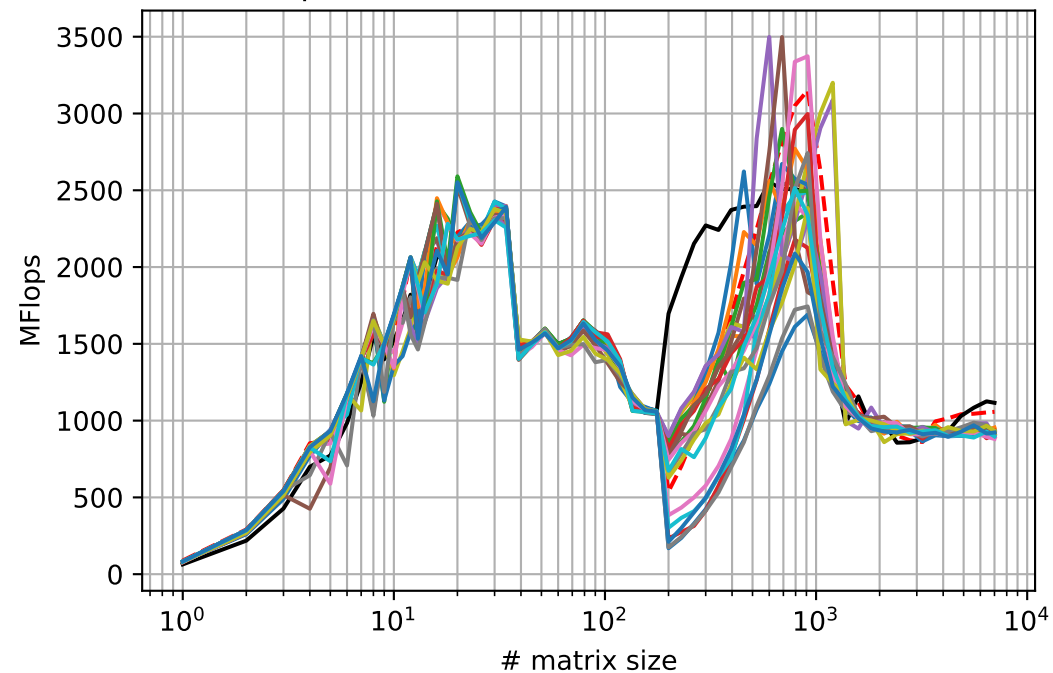
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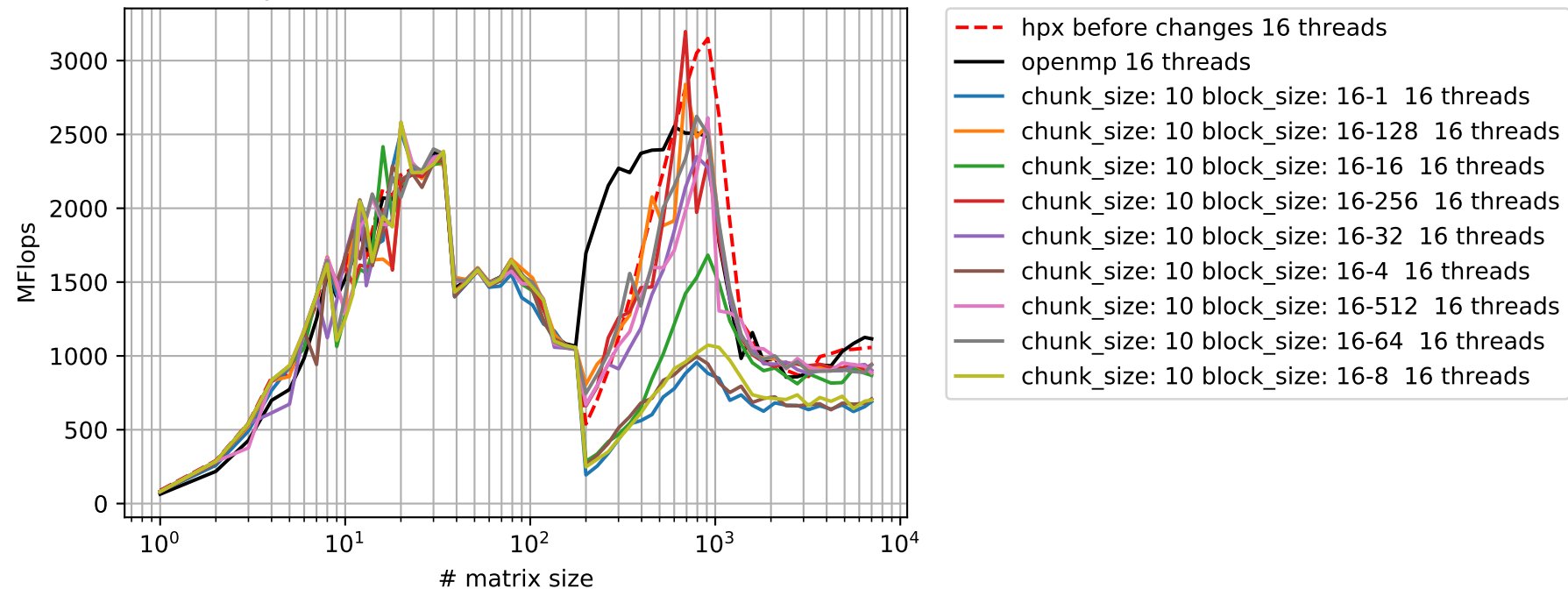


- hpx before changes 16 threads
- openmp 16 threads
- chunk\_size: 10 block\_size: 4-1 16 threads
- chunk\_size: 10 block\_size: 4-1024 16 threads
- chunk\_size: 10 block\_size: 4-128 16 threads
- chunk\_size: 10 block\_size: 4-16 16 threads
- chunk\_size: 10 block\_size: 4-2048 16 threads
- chunk\_size: 10 block\_size: 4-256 16 threads
- chunk\_size: 10 block\_size: 4-32 16 threads
- chunk\_size: 10 block\_size: 4-4 16 threads
- chunk\_size: 10 block\_size: 4-4096 16 threads
- chunk\_size: 10 block\_size: 4-512 16 threads
- chunk\_size: 10 block\_size: 4-64 16 threads
- chunk\_size: 10 block\_size: 4-8 16 threads

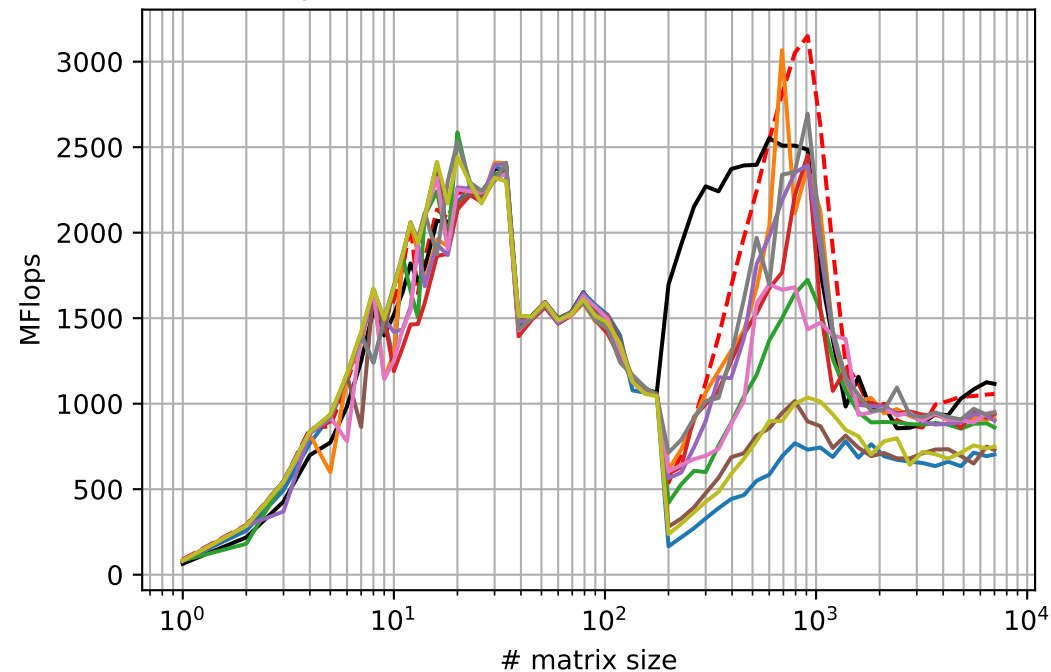


- hpx before changes 16 threads
- openmp 16 threads
- chunk\_size: 10 block\_size: 8-1 16 threads
- chunk\_size: 10 block\_size: 8-1024 16 threads
- chunk\_size: 10 block\_size: 8-128 16 threads
- chunk\_size: 10 block\_size: 8-16 16 threads
- chunk\_size: 10 block\_size: 8-2048 16 threads
- chunk\_size: 10 block\_size: 8-256 16 threads
- chunk\_size: 10 block\_size: 8-32 16 threads
- chunk\_size: 10 block\_size: 8-4 16 threads
- chunk\_size: 10 block\_size: 8-4096 16 threads
- chunk\_size: 1 block\_size: 8-512 16 threads
- chunk\_size: 4 block\_size: 8-512 16 threads
- chunk\_size: 5 block\_size: 8-512 16 threads
- chunk\_size: 6 block\_size: 8-512 16 threads
- chunk\_size: 8 block\_size: 8-512 16 threads
- chunk\_size: 10 block\_size: 8-512 16 threads
- chunk\_size: 12 block\_size: 8-512 16 threads
- chunk\_size: 15 block\_size: 8-512 16 threads
- chunk\_size: 18 block\_size: 8-512 16 threads
- chunk\_size: 20 block\_size: 8-512 16 threads
- chunk\_size: 10 block\_size: 8-64 16 threads
- chunk\_size: 10 block\_size: 8-8 16 threads

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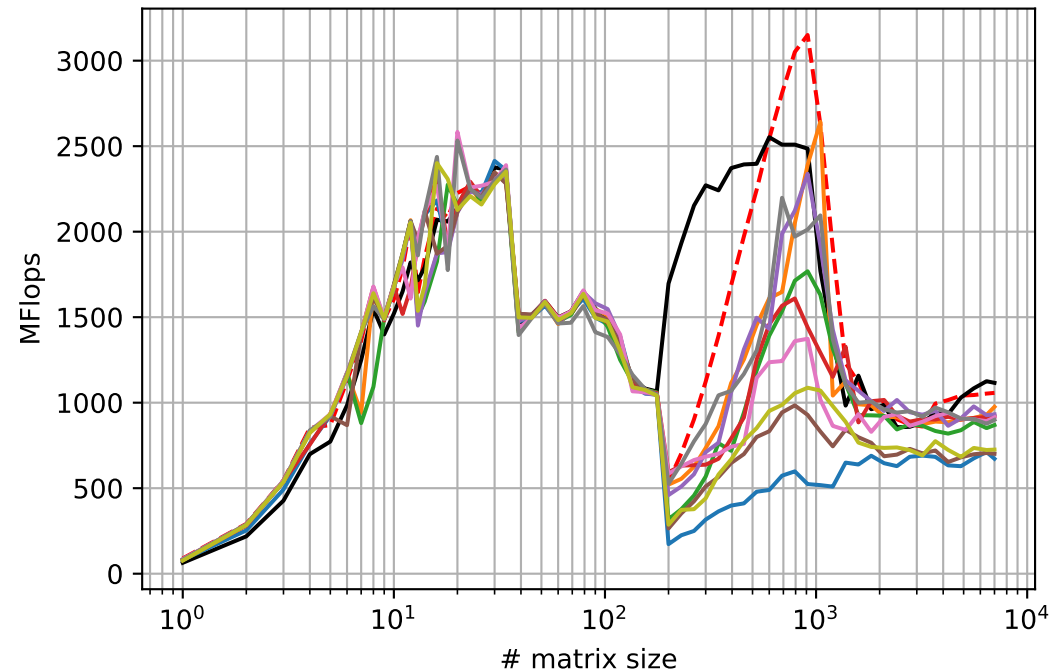


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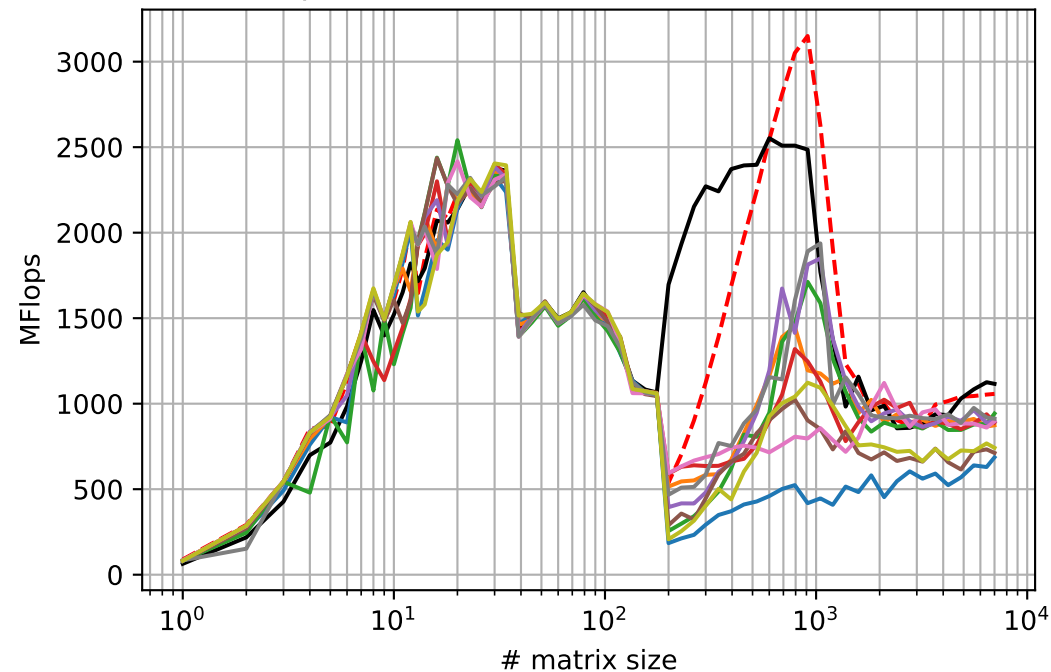
- hpx before changes 16 threads
- openmp 16 threads
- chunk\_size: 10 block\_size: 32-1 16 threads
- chunk\_size: 10 block\_size: 32-128 16 threads
- chunk\_size: 10 block\_size: 32-16 16 threads
- chunk\_size: 10 block\_size: 32-256 16 threads
- chunk\_size: 10 block\_size: 32-32 16 threads
- chunk\_size: 10 block\_size: 32-4 16 threads
- chunk\_size: 10 block\_size: 32-512 16 threads
- chunk\_size: 10 block\_size: 32-64 16 threads
- chunk\_size: 10 block\_size: 32-8 16 threads

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- hpx before changes 16 threads
- openmp 16 threads
- chunk\_size: 10 block\_size: 64-1 16 threads
- chunk\_size: 10 block\_size: 64-128 16 threads
- chunk\_size: 10 block\_size: 64-16 16 threads
- chunk\_size: 10 block\_size: 64-256 16 threads
- chunk\_size: 10 block\_size: 64-32 16 threads
- chunk\_size: 10 block\_size: 64-4 16 threads
- chunk\_size: 10 block\_size: 64-512 16 threads
- chunk\_size: 10 block\_size: 64-64 16 threads
- chunk\_size: 10 block\_size: 64-8 16 threads

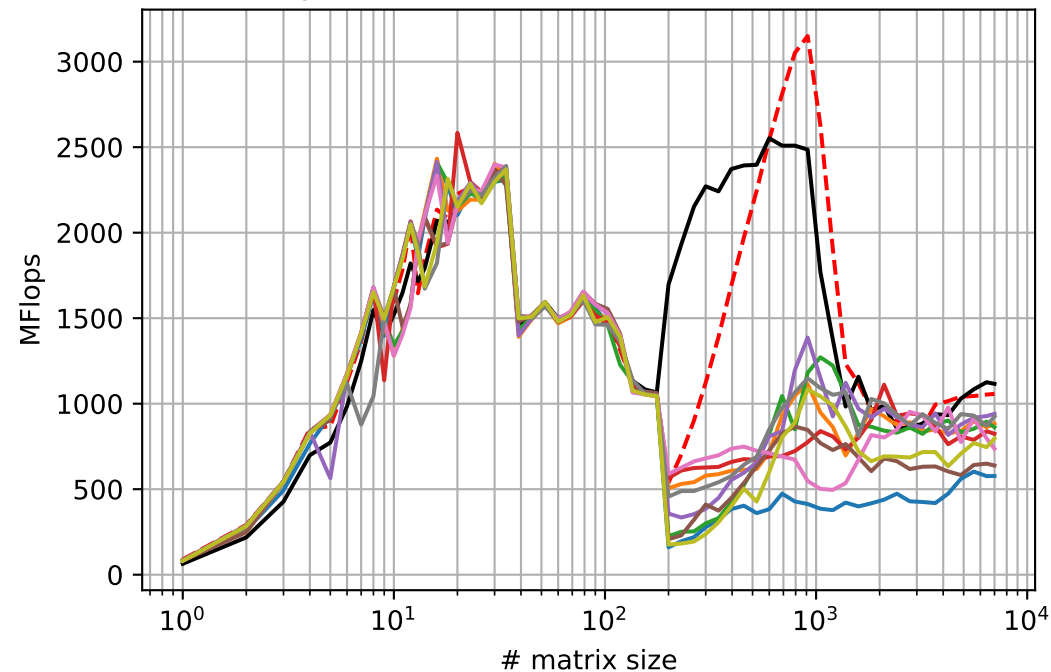
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- hpx before changes 16 threads
- openmp 16 threads
- chunk\_size: 10 block\_size: 128-1 16 threads
- chunk\_size: 10 block\_size: 128-128 16 threads
- chunk\_size: 10 block\_size: 128-16 16 threads
- chunk\_size: 10 block\_size: 128-256 16 threads
- chunk\_size: 10 block\_size: 128-32 16 threads
- chunk\_size: 10 block\_size: 128-4 16 threads
- chunk\_size: 10 block\_size: 128-512 16 threads
- chunk\_size: 10 block\_size: 128-64 16 threads
- chunk\_size: 10 block\_size: 128-8 16 threads

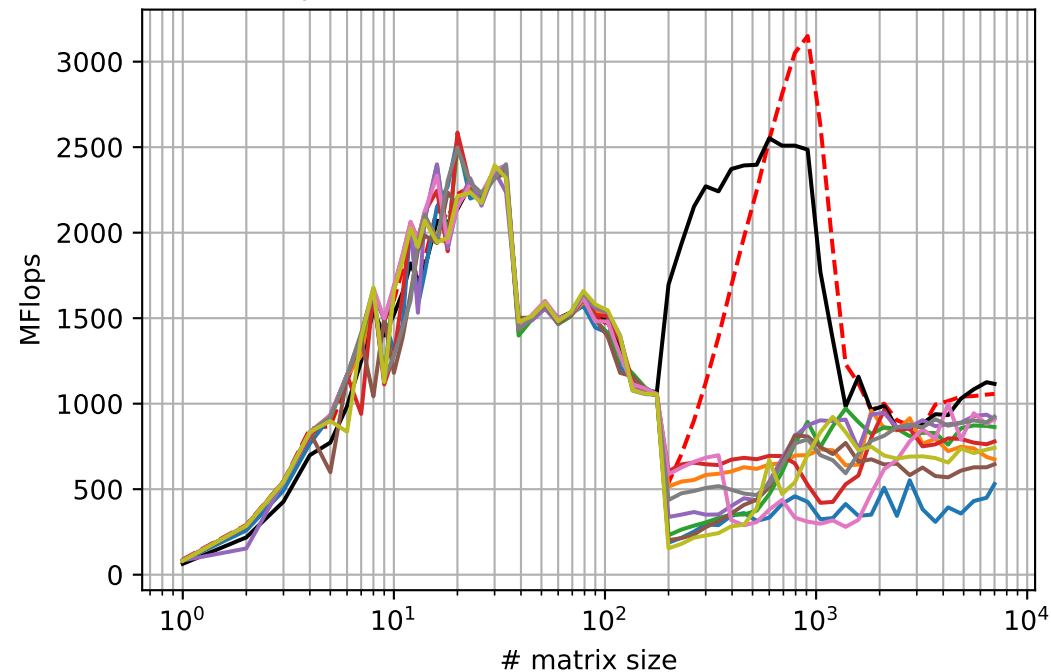


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- hpx before changes 16 threads
- openmp 16 threads
- chunk\_size: 10 block\_size: 256-1 16 threads
- chunk\_size: 10 block\_size: 256-128 16 threads
- chunk\_size: 10 block\_size: 256-16 16 threads
- chunk\_size: 10 block\_size: 256-256 16 threads
- chunk\_size: 10 block\_size: 256-32 16 threads
- chunk\_size: 10 block\_size: 256-4 16 threads
- chunk\_size: 10 block\_size: 256-512 16 threads
- chunk\_size: 10 block\_size: 256-64 16 threads
- chunk\_size: 10 block\_size: 256-8 16 threads

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- hpx before changes 16 threads
- openmp 16 threads
- chunk\_size: 10 block\_size: 512-1 16 threads
- chunk\_size: 10 block\_size: 512-128 16 threads
- chunk\_size: 10 block\_size: 512-16 16 threads
- chunk\_size: 10 block\_size: 512-256 16 threads
- chunk\_size: 10 block\_size: 512-32 16 threads
- chunk\_size: 10 block\_size: 512-4 16 threads
- chunk\_size: 10 block\_size: 512-512 16 threads
- chunk\_size: 10 block\_size: 512-64 16 threads
- chunk\_size: 10 block\_size: 512-8 16 threads

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