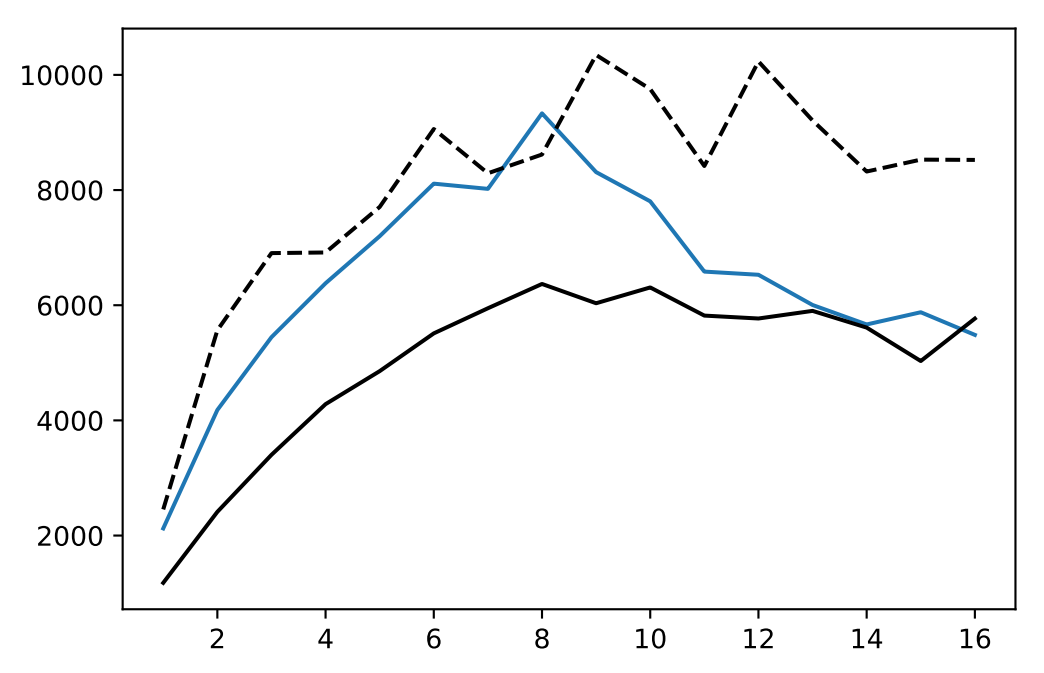
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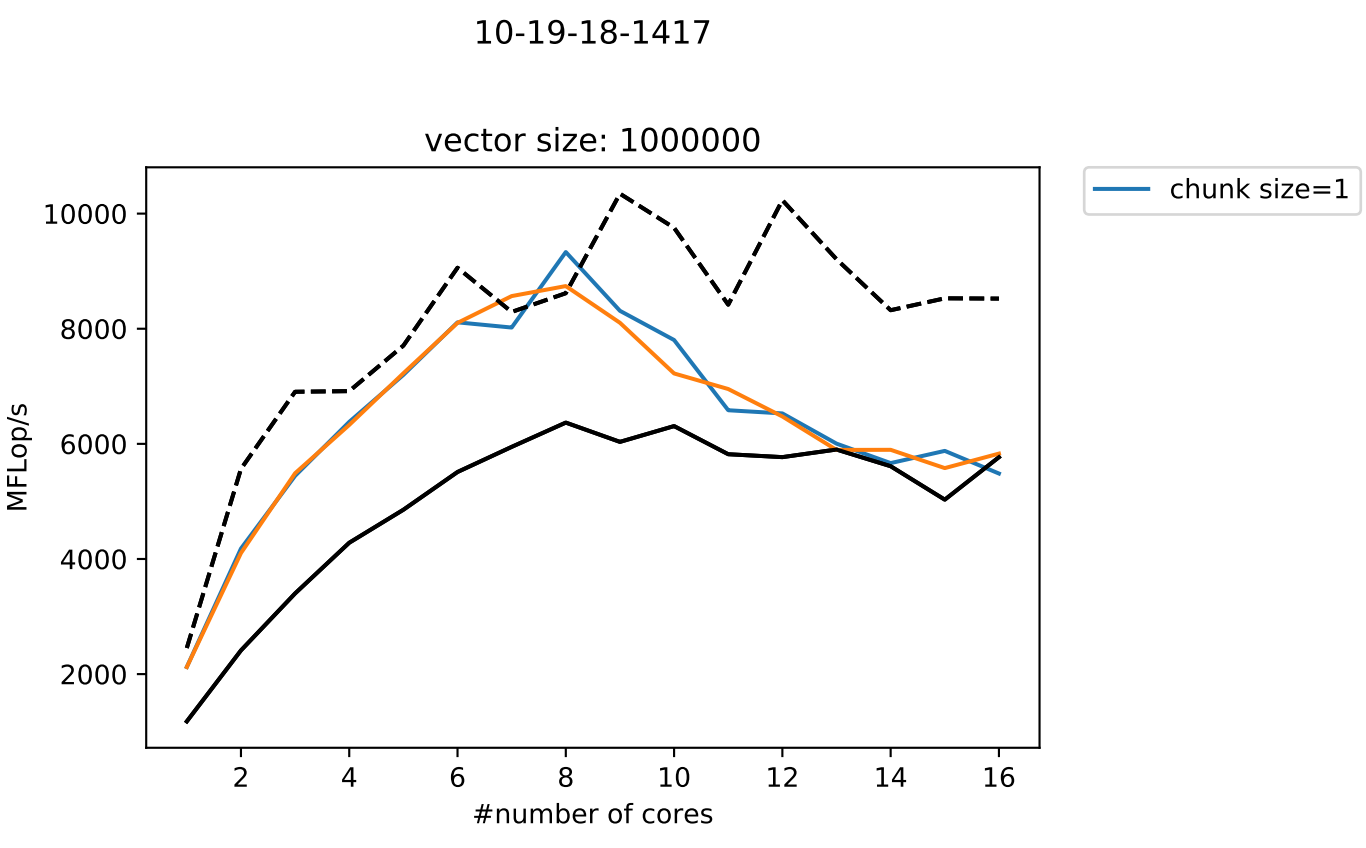
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#number of cores
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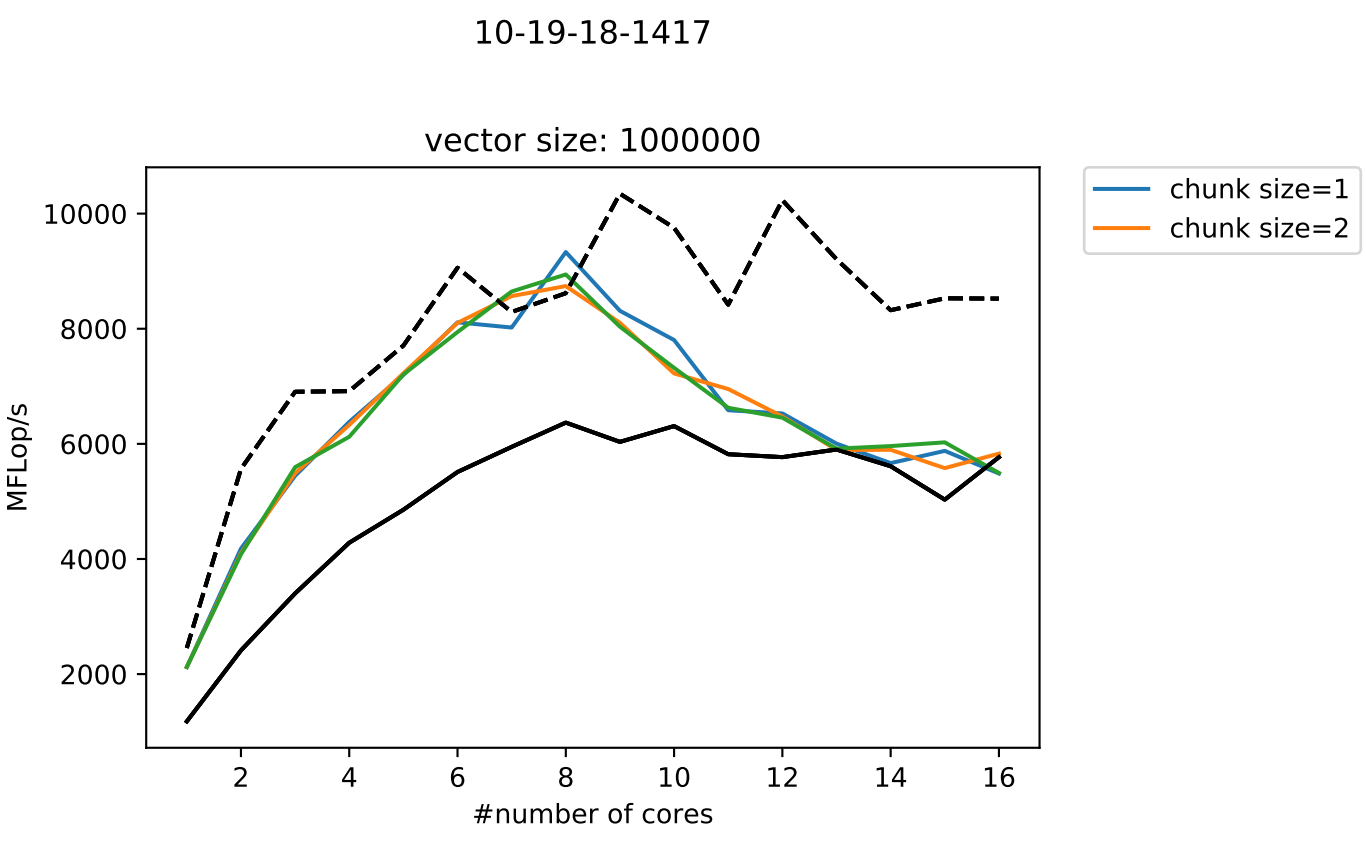
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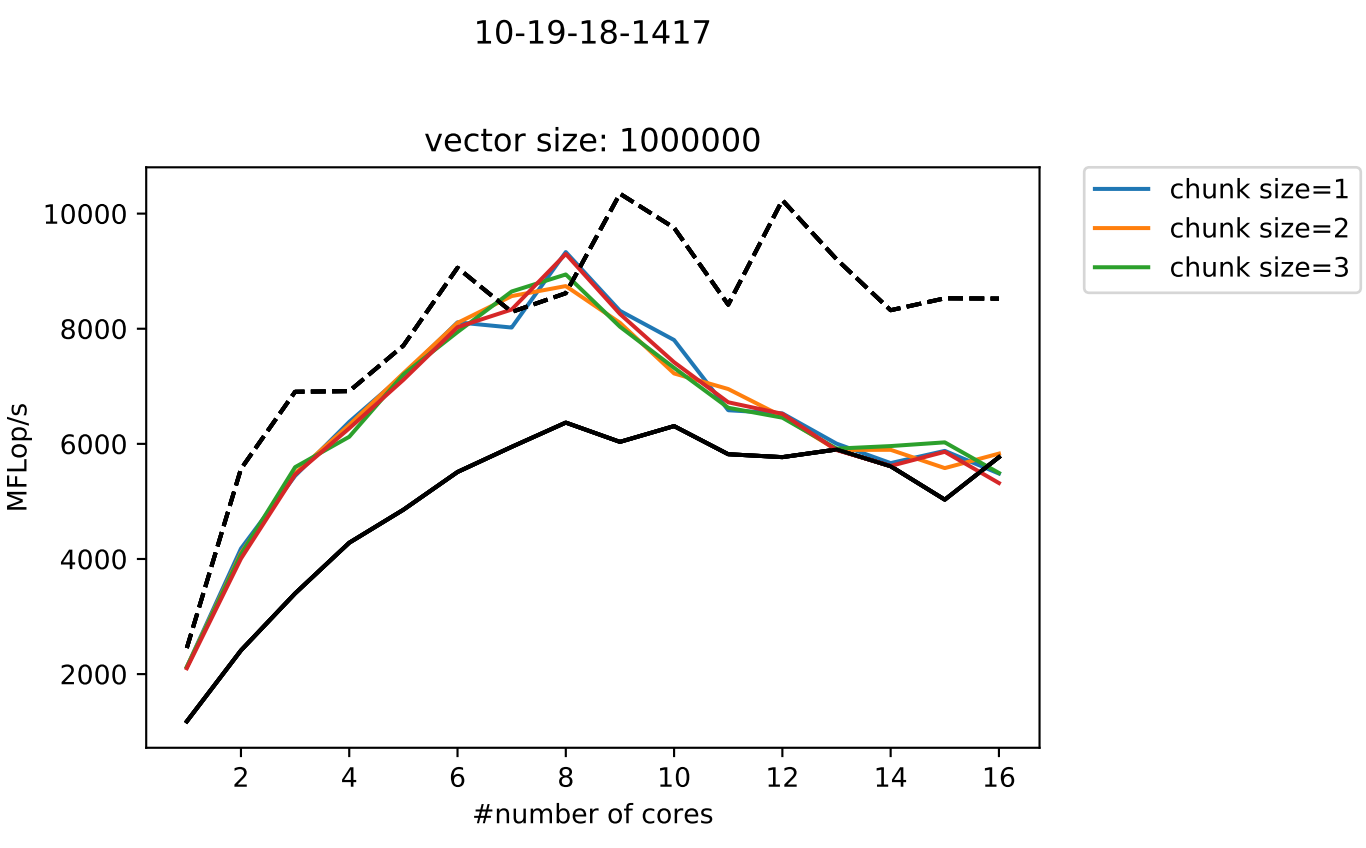
#number of cores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chunk size=2
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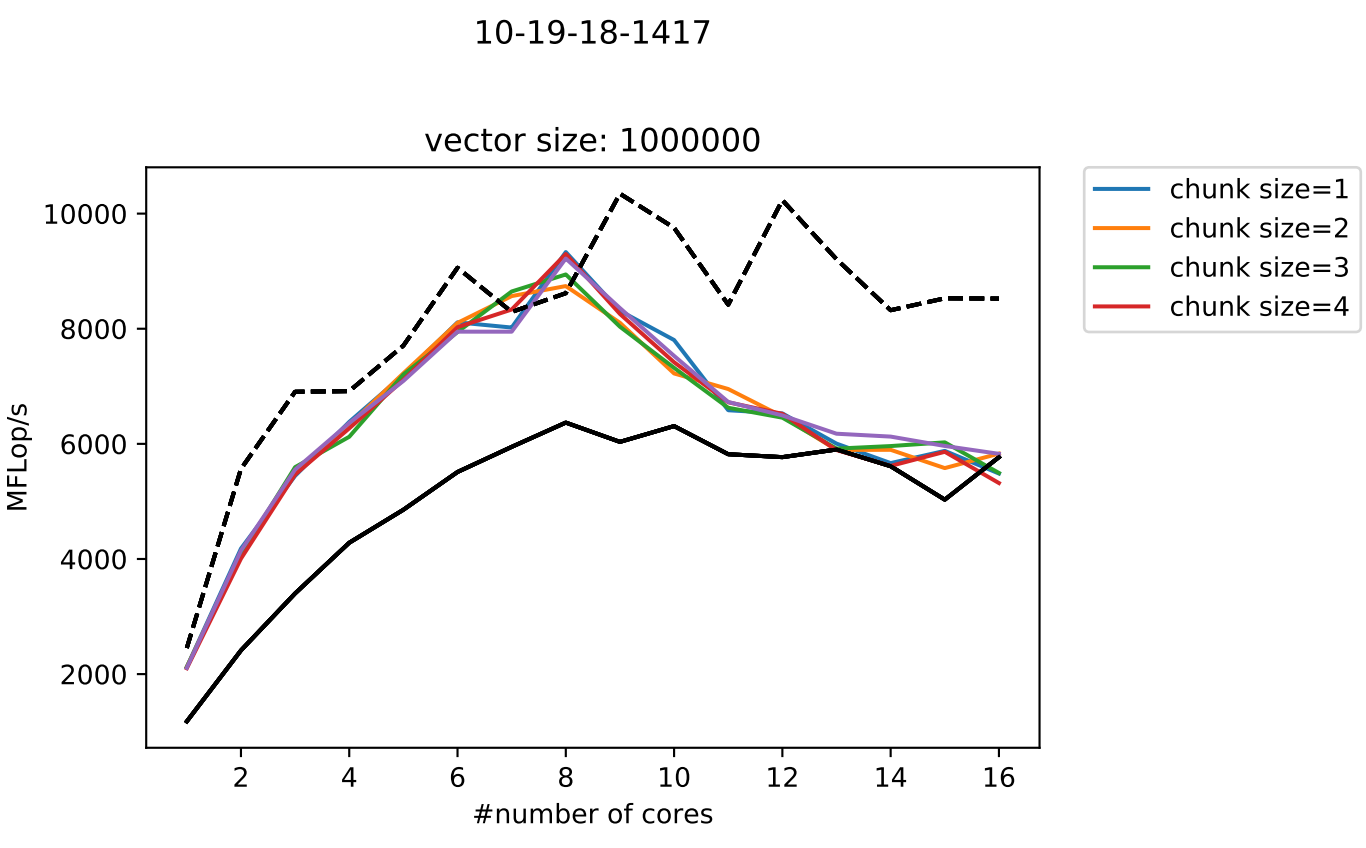
#number of cores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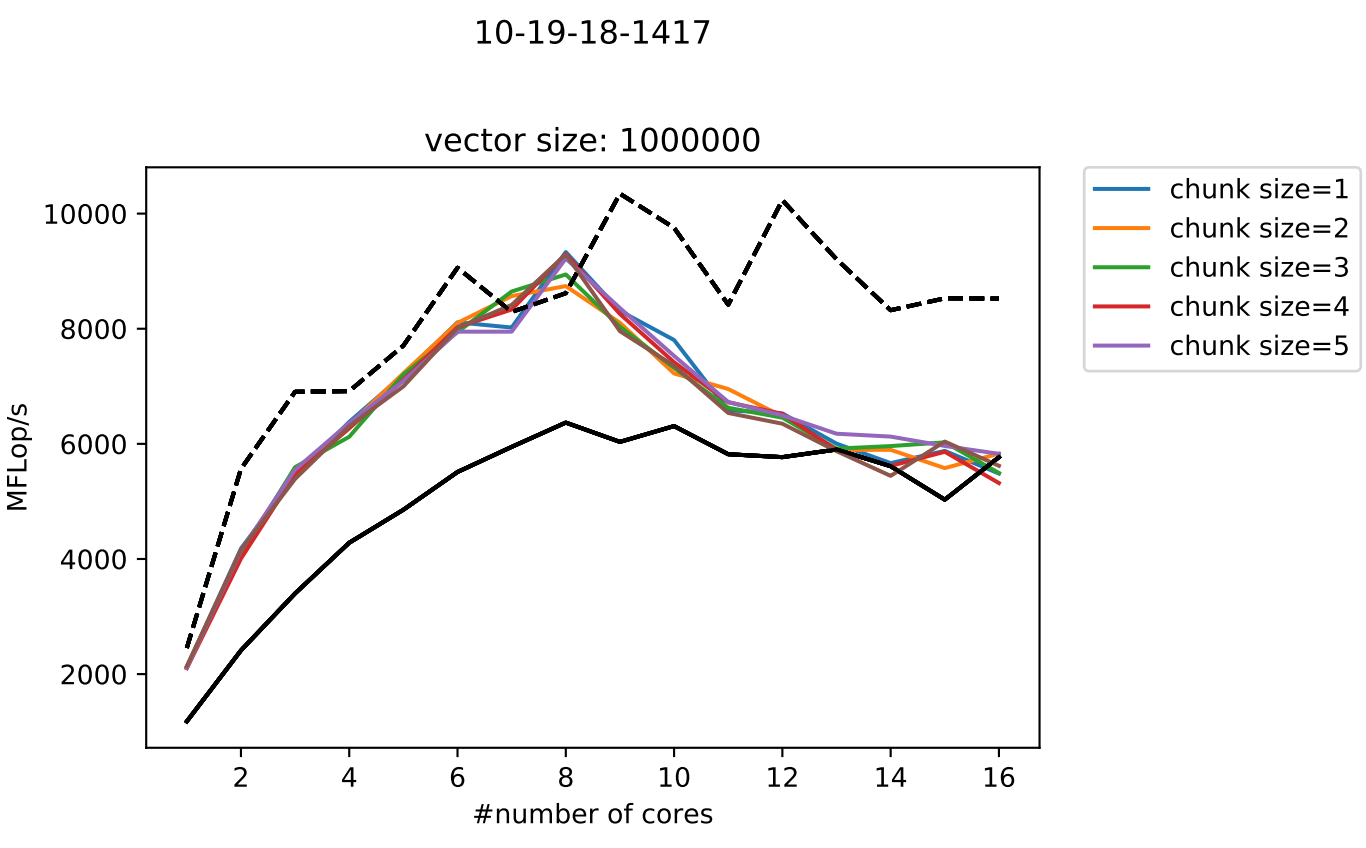
#number of cores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#number of cores
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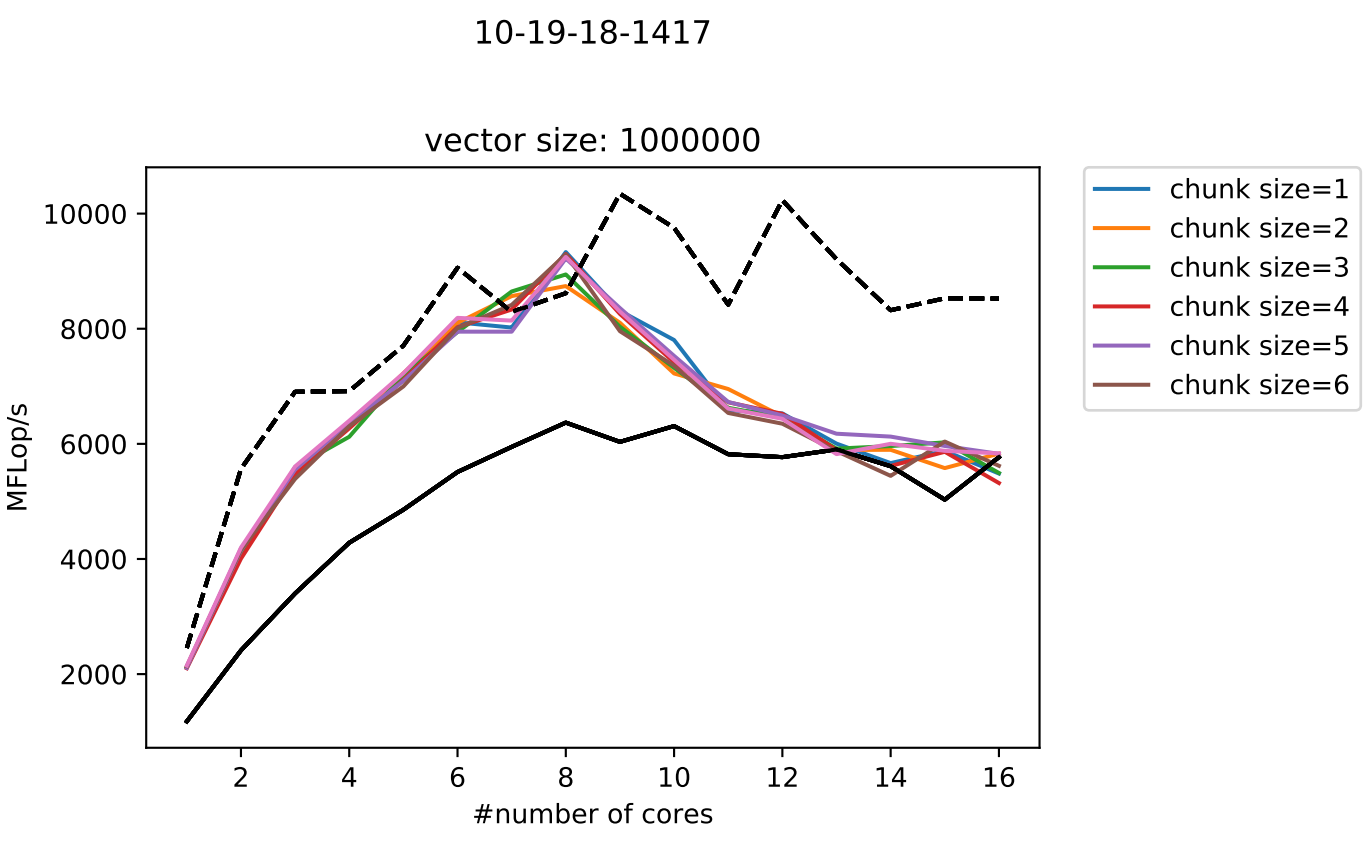
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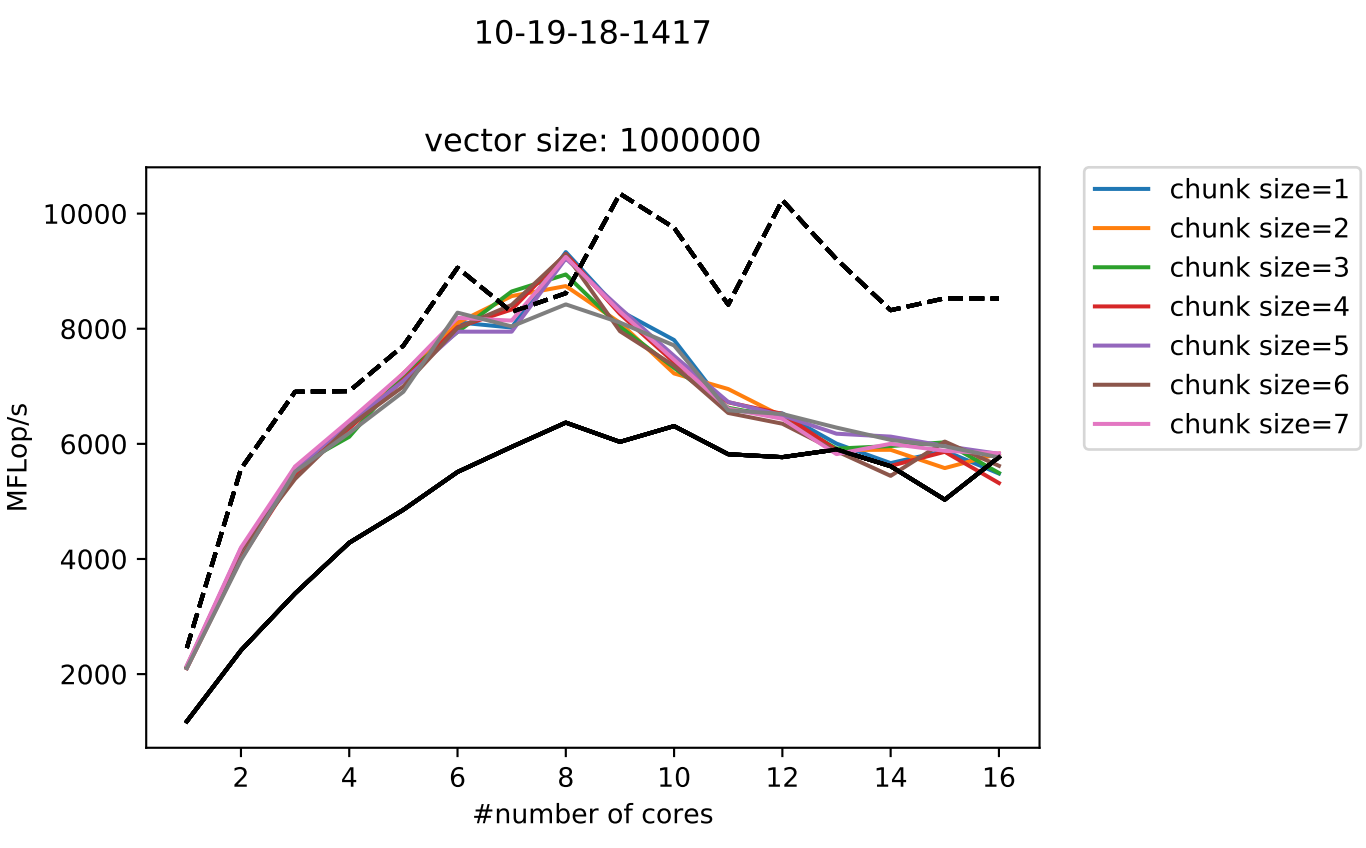
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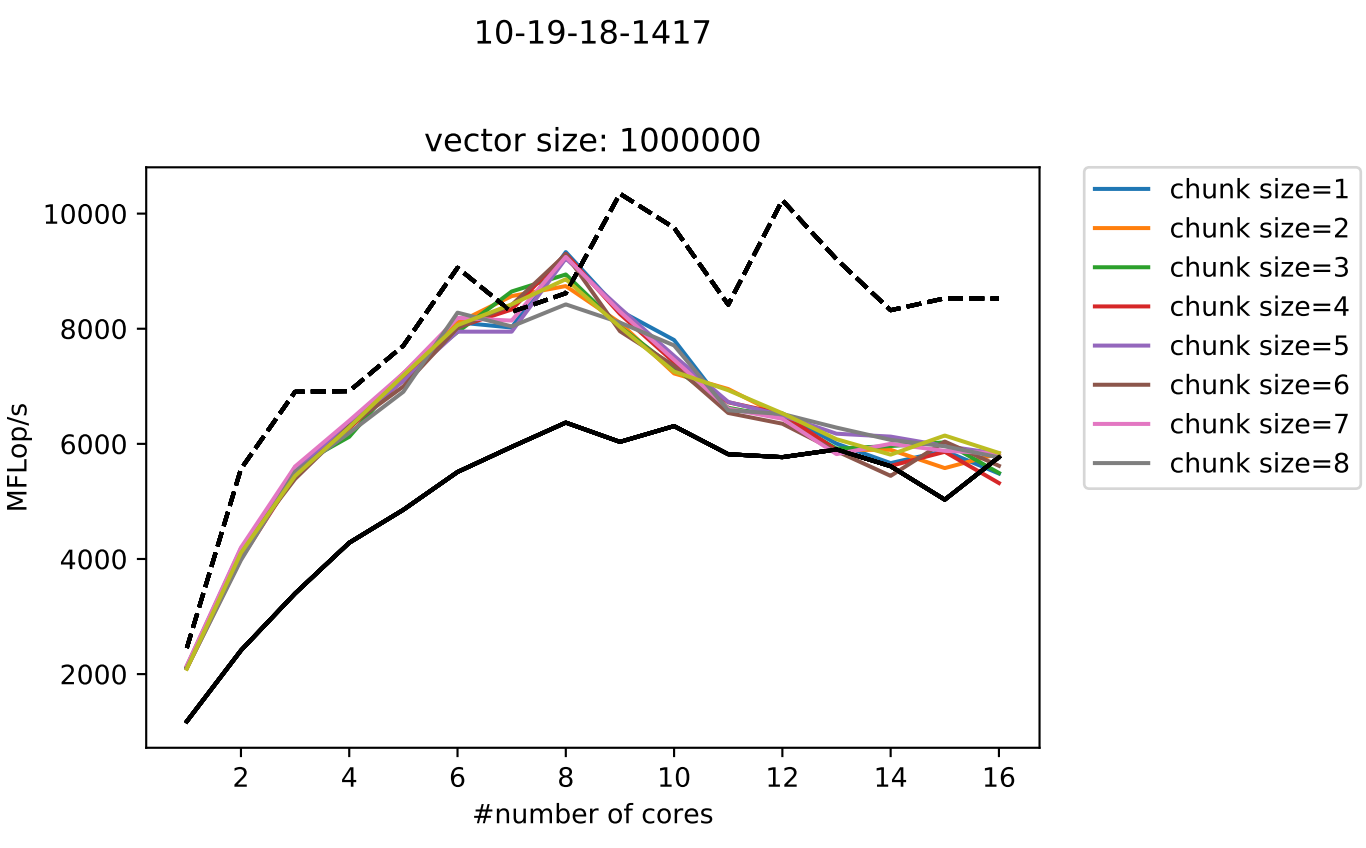
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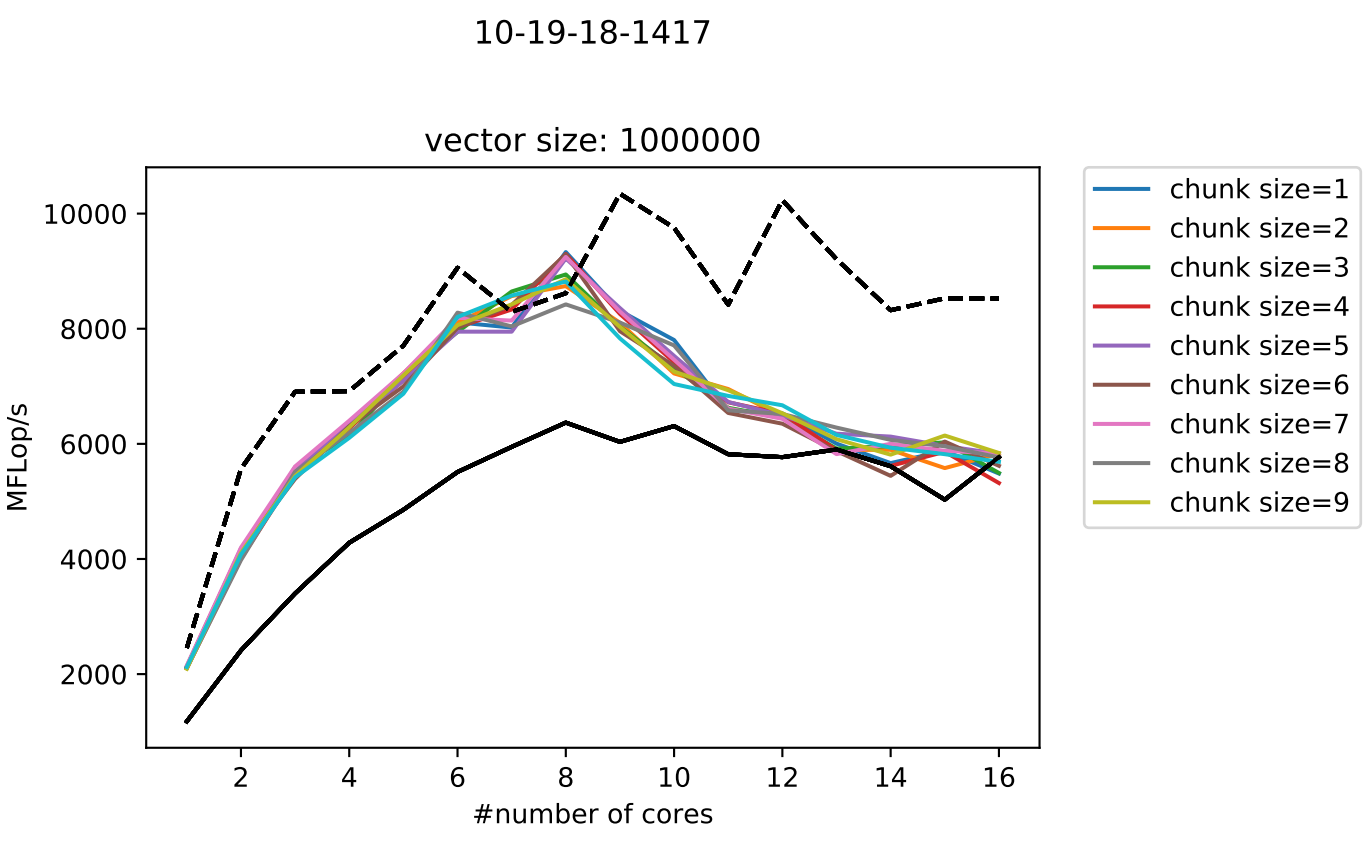
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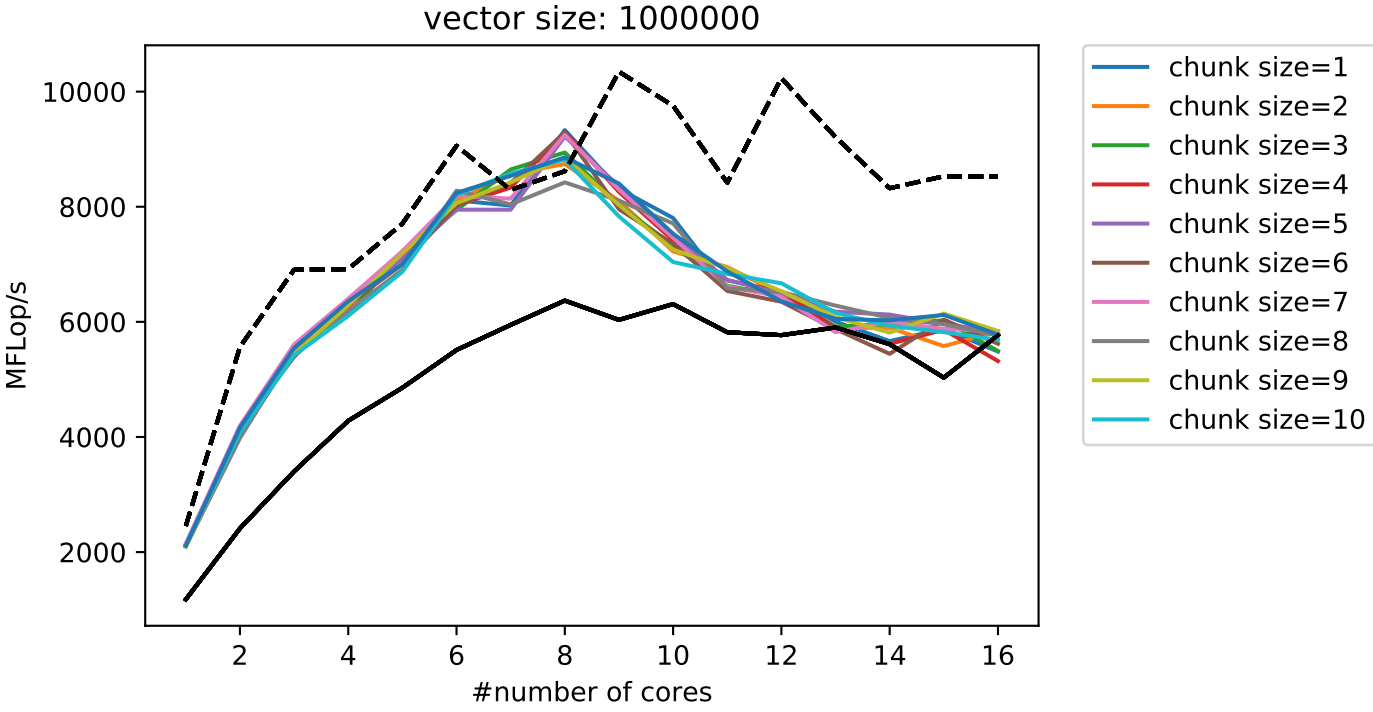
10-19-18-1417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chunk size=1
chunk size=2
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chunk size=10

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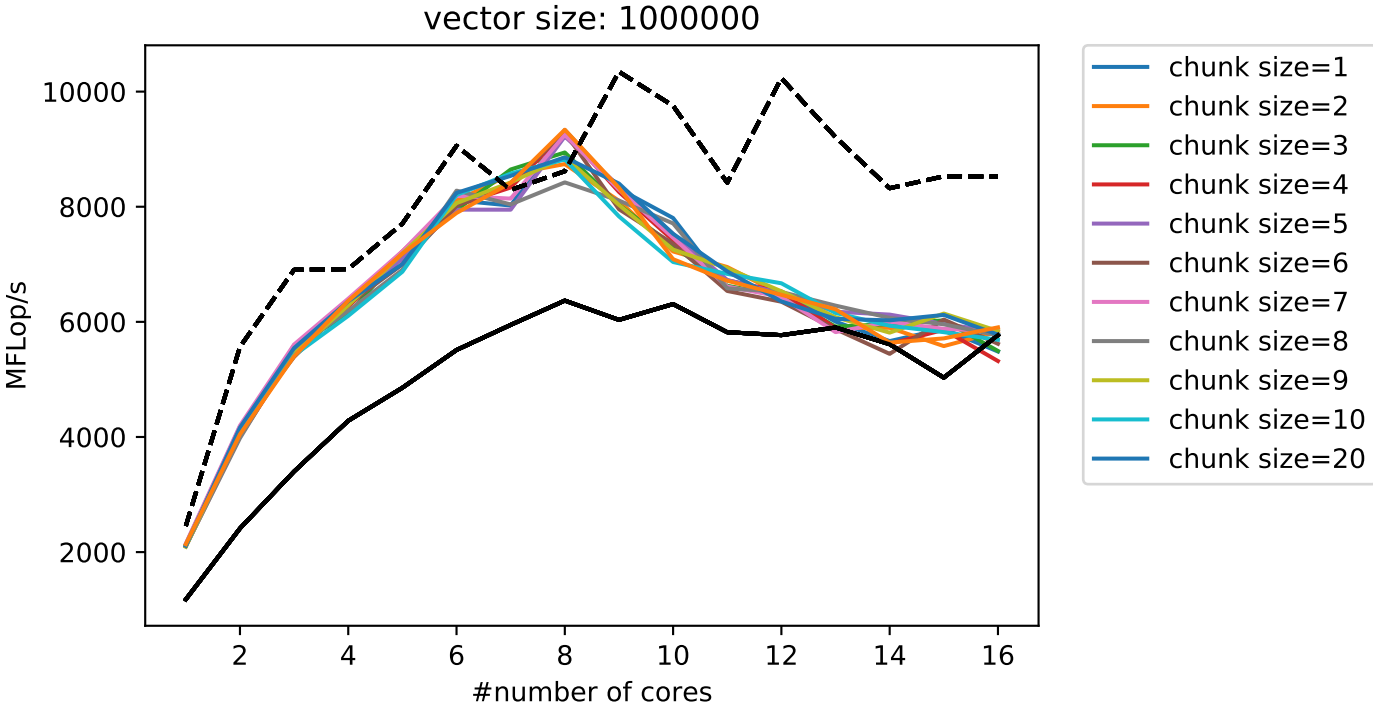
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16
#number of cores
chunk size=1
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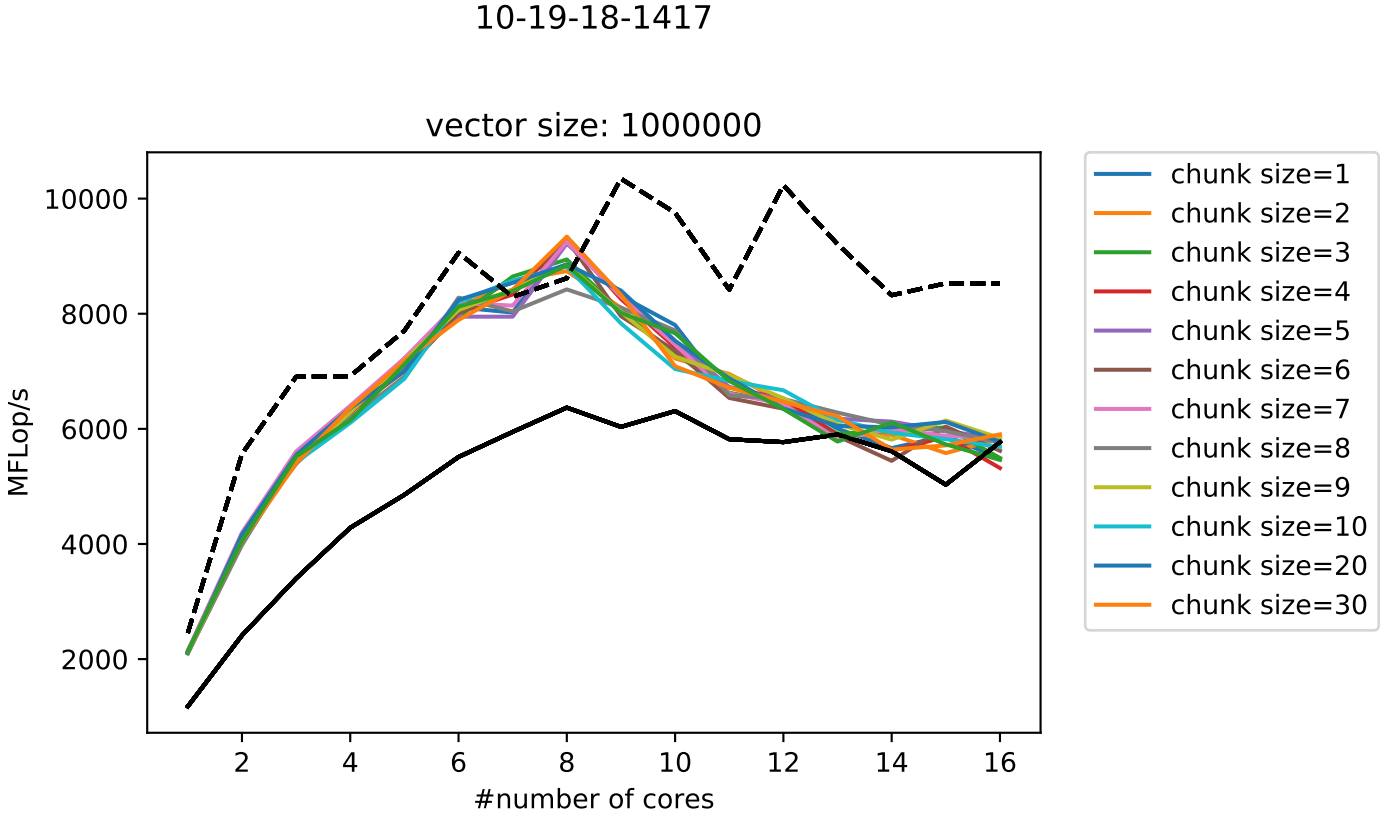
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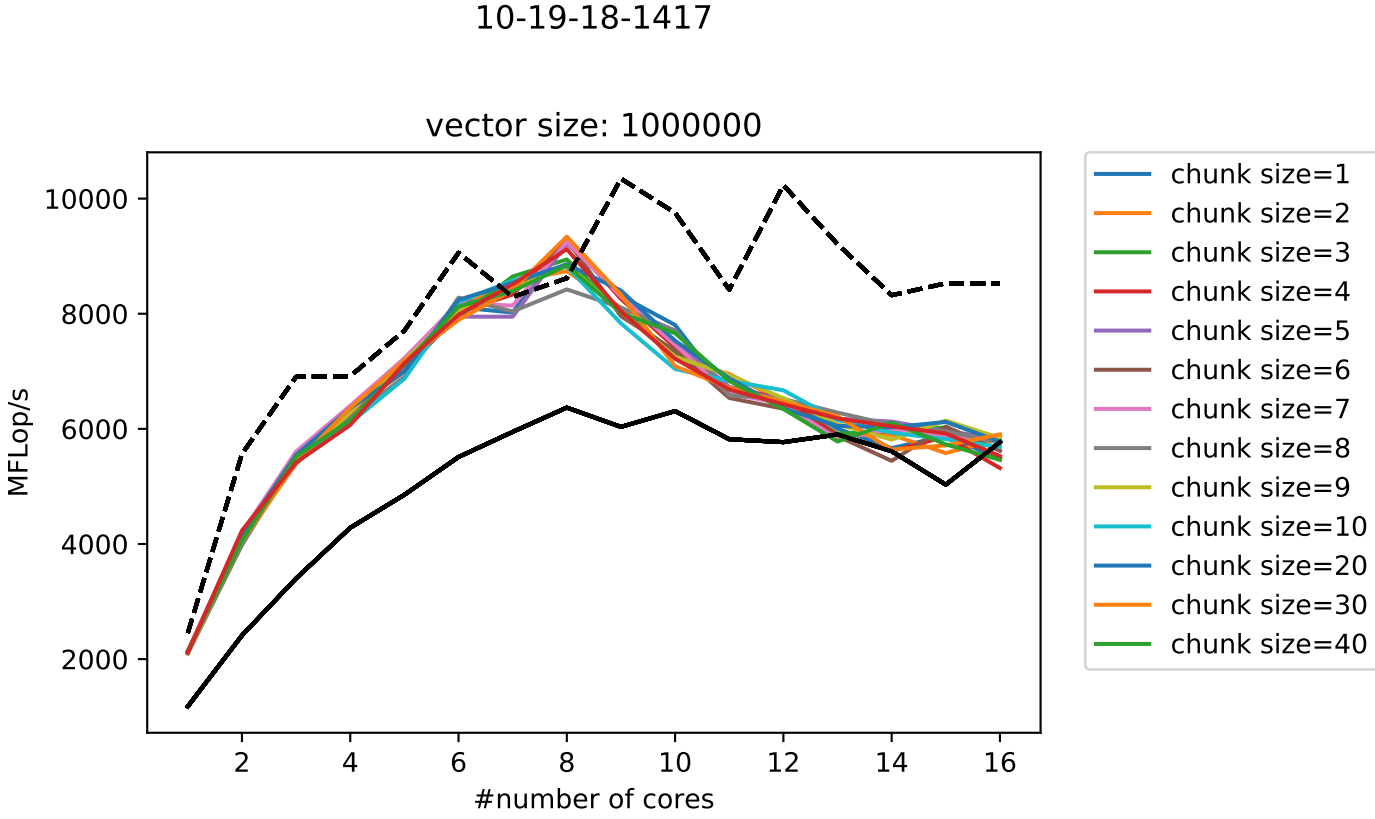
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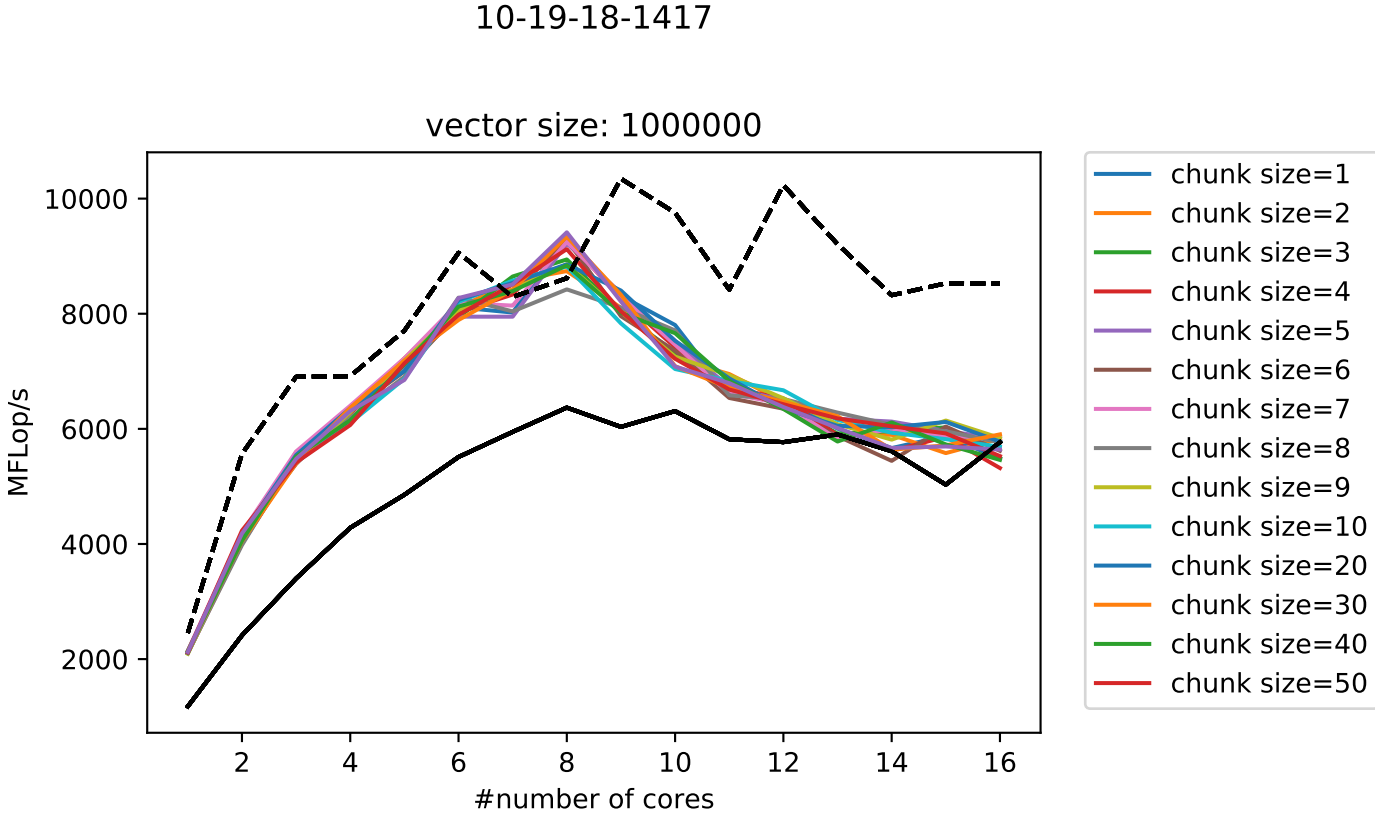
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chunk size=1
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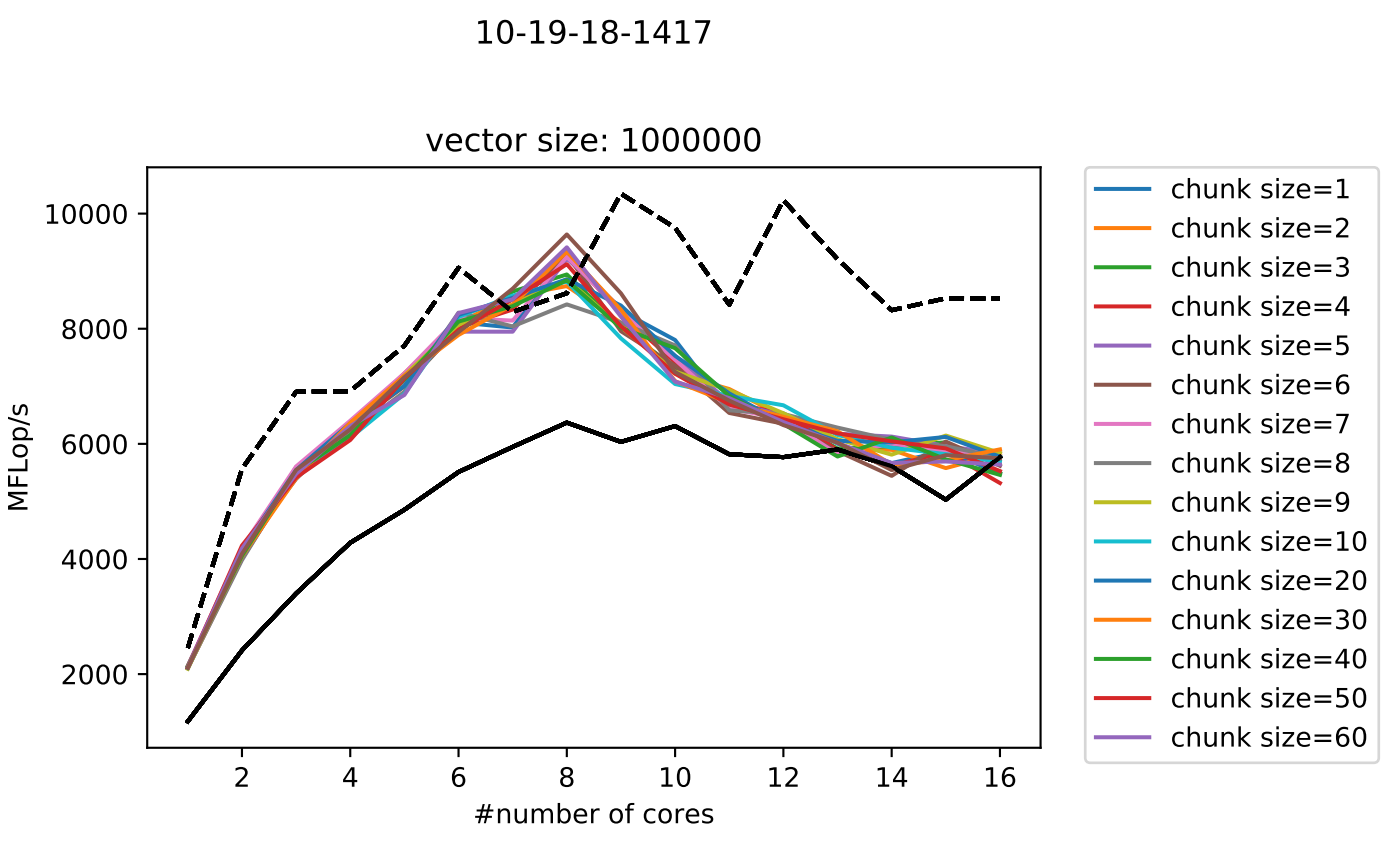
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#number of cores
chunk size=1
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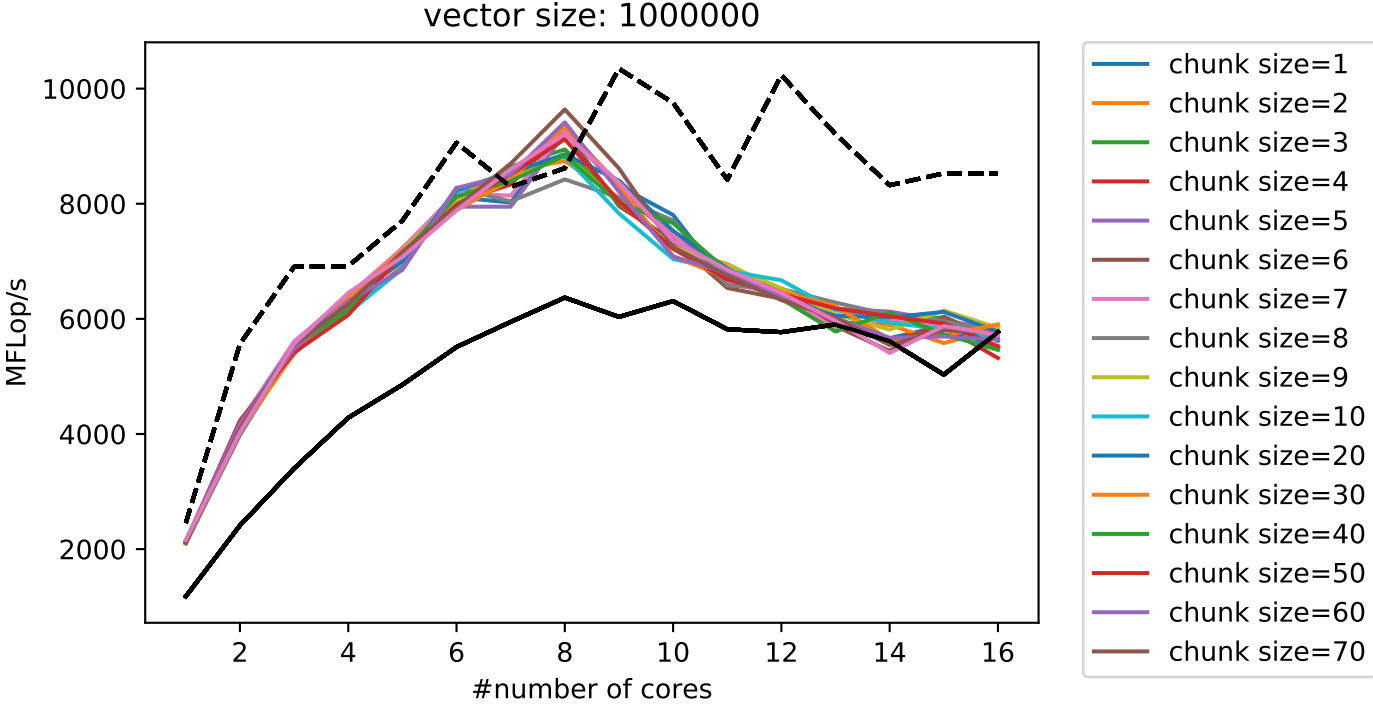
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#number of cores
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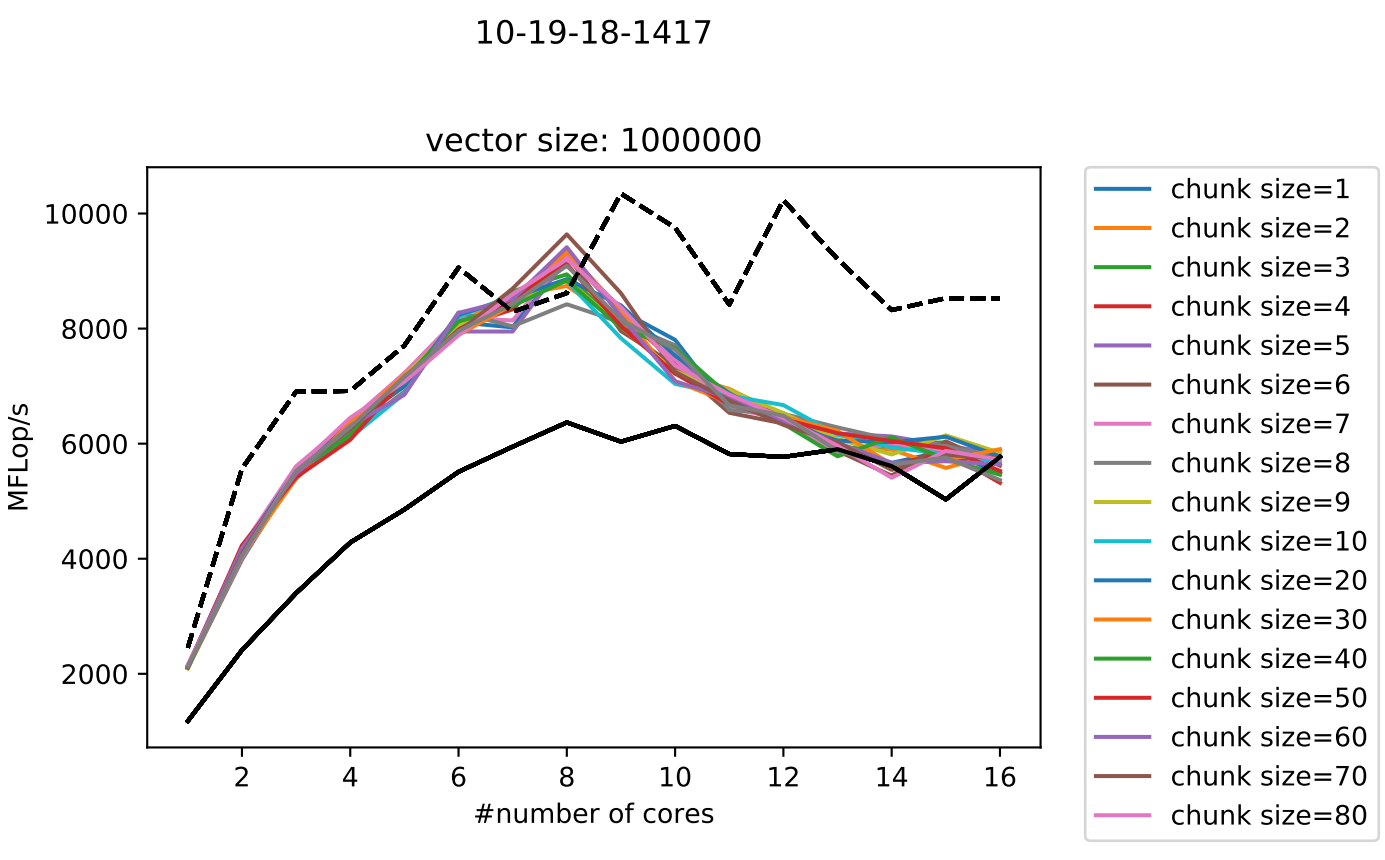
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MFLop/s
#number of cores
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chunk size=1
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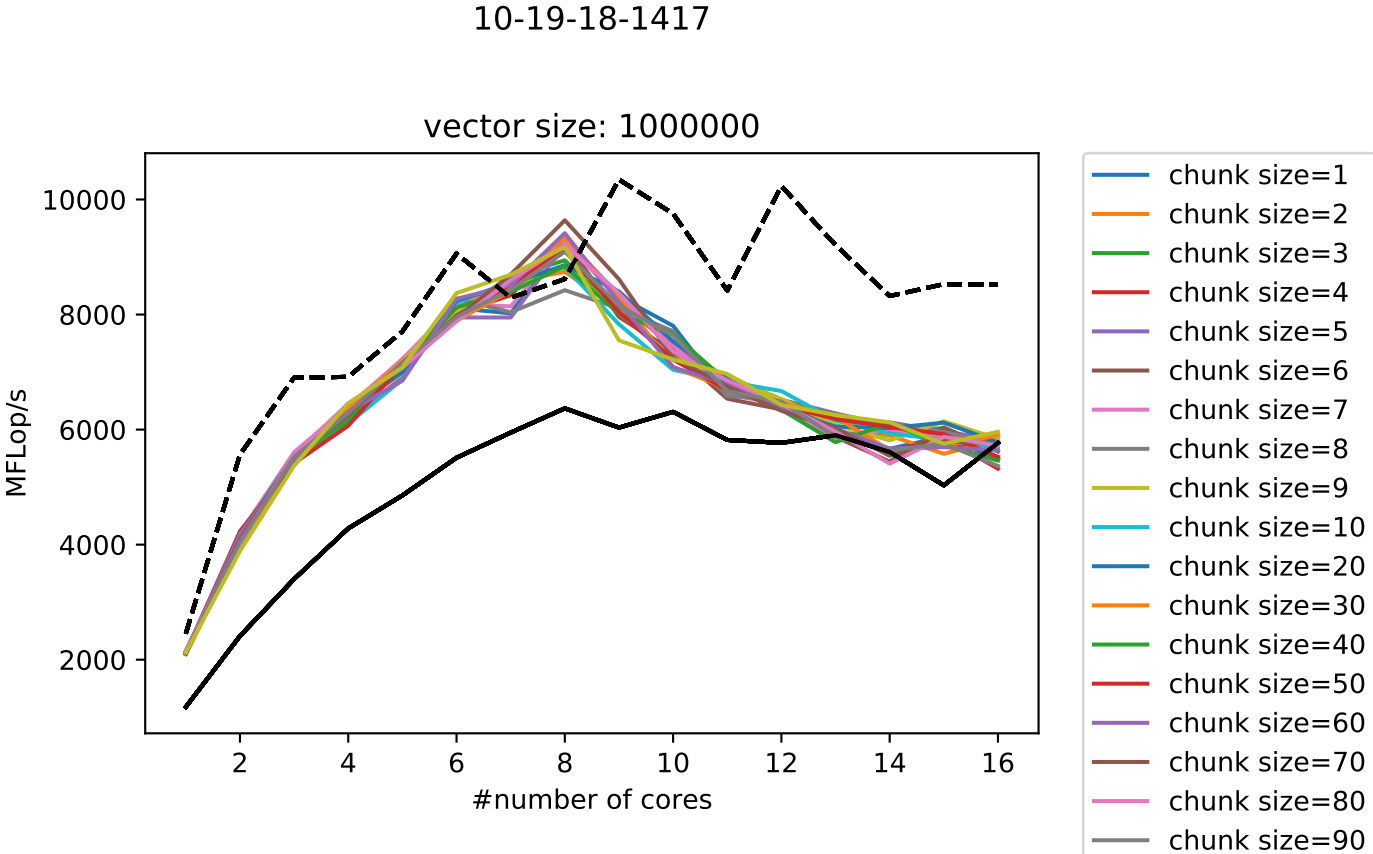
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#number of cores
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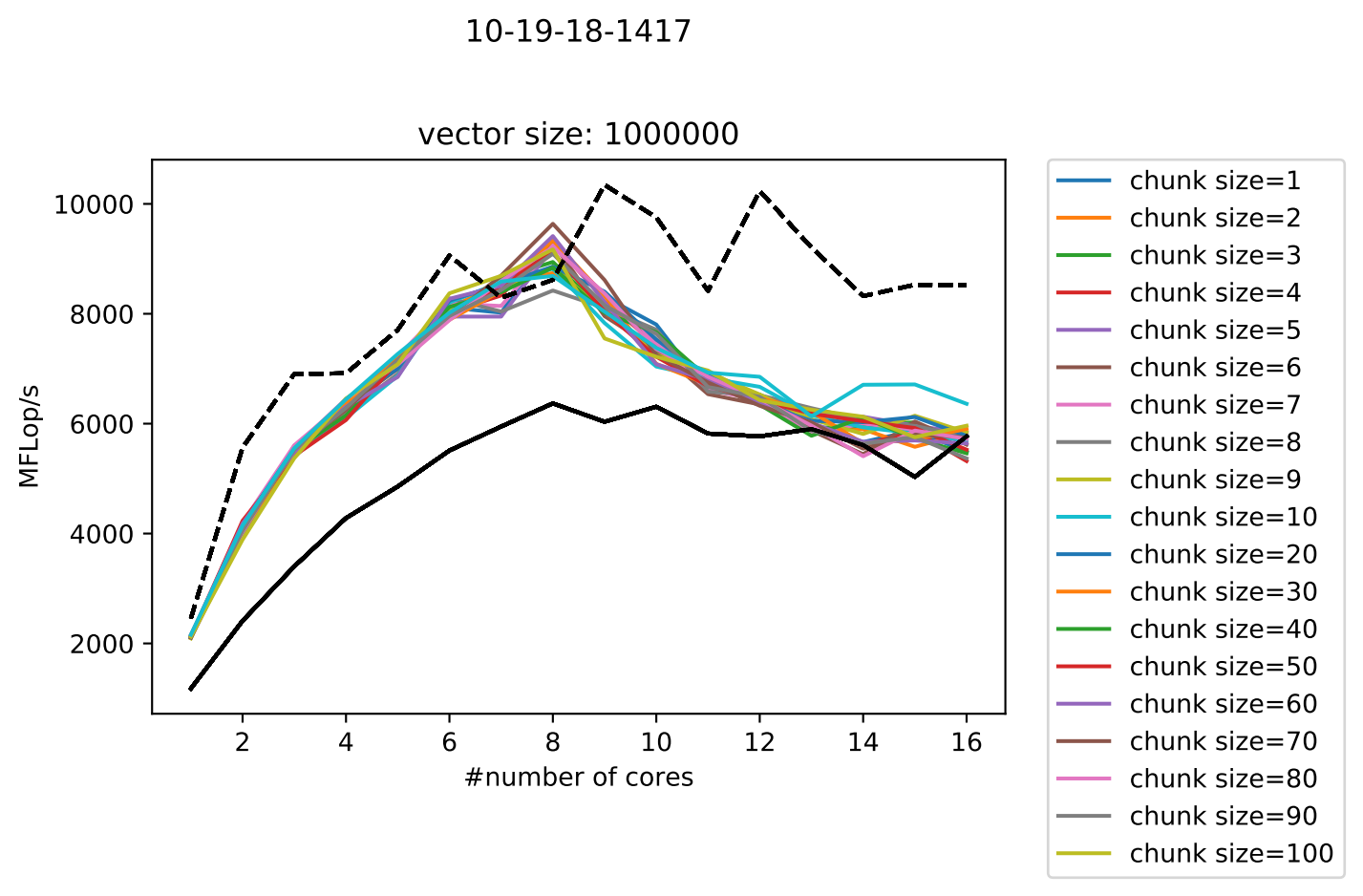
chunk size=80
chunk size=90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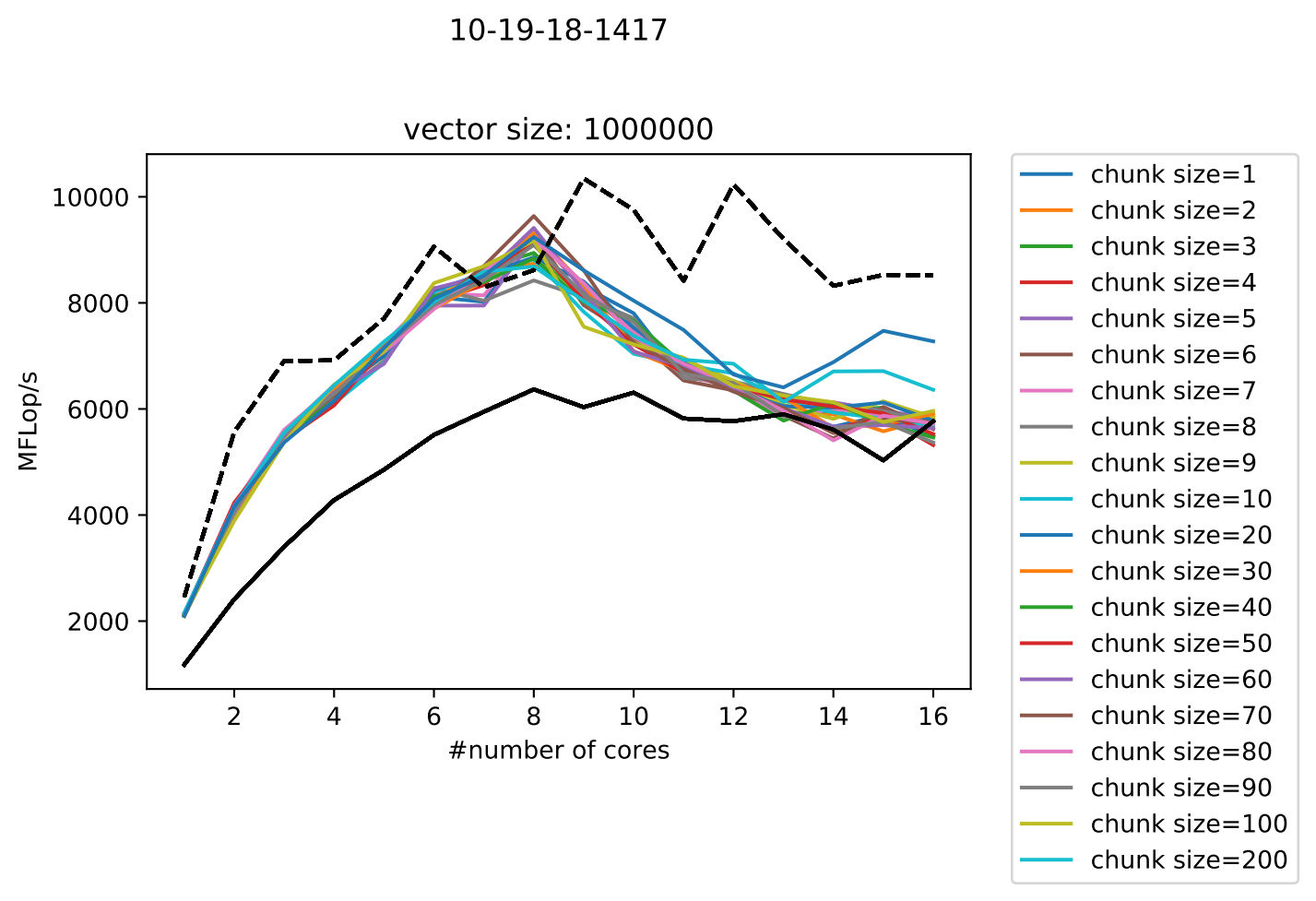
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chunk size=1
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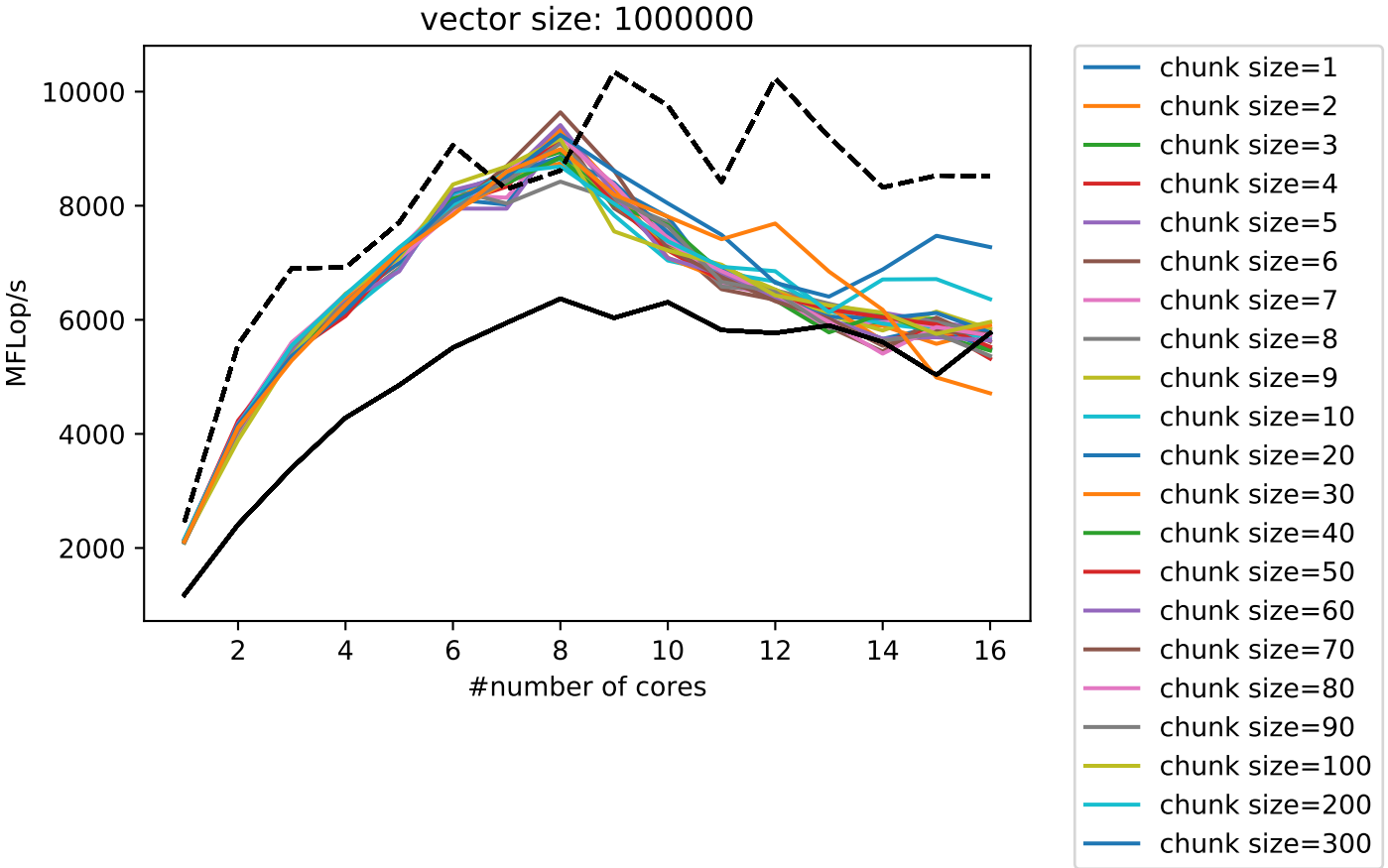
10-19-18-1417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#number of cores
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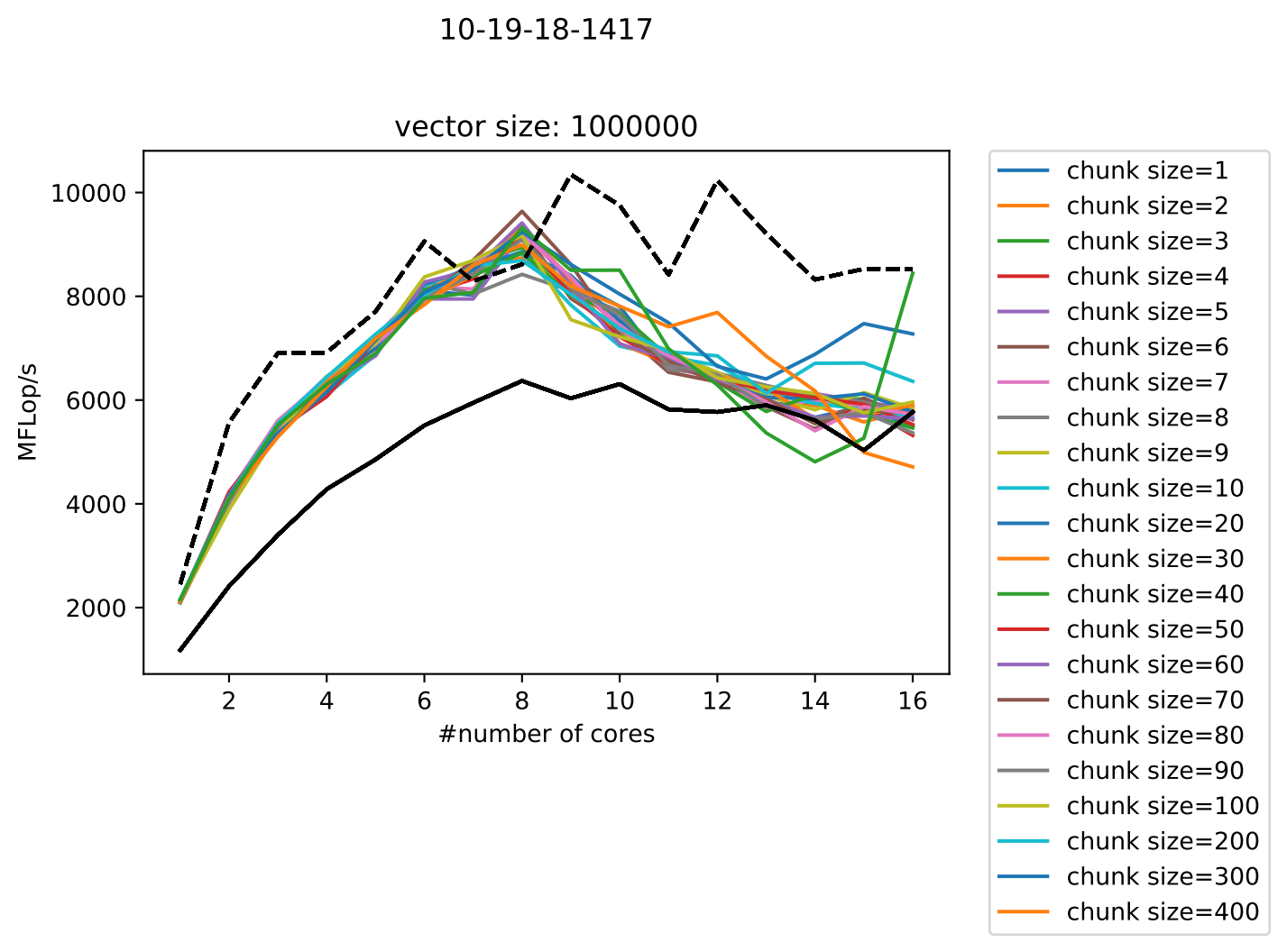
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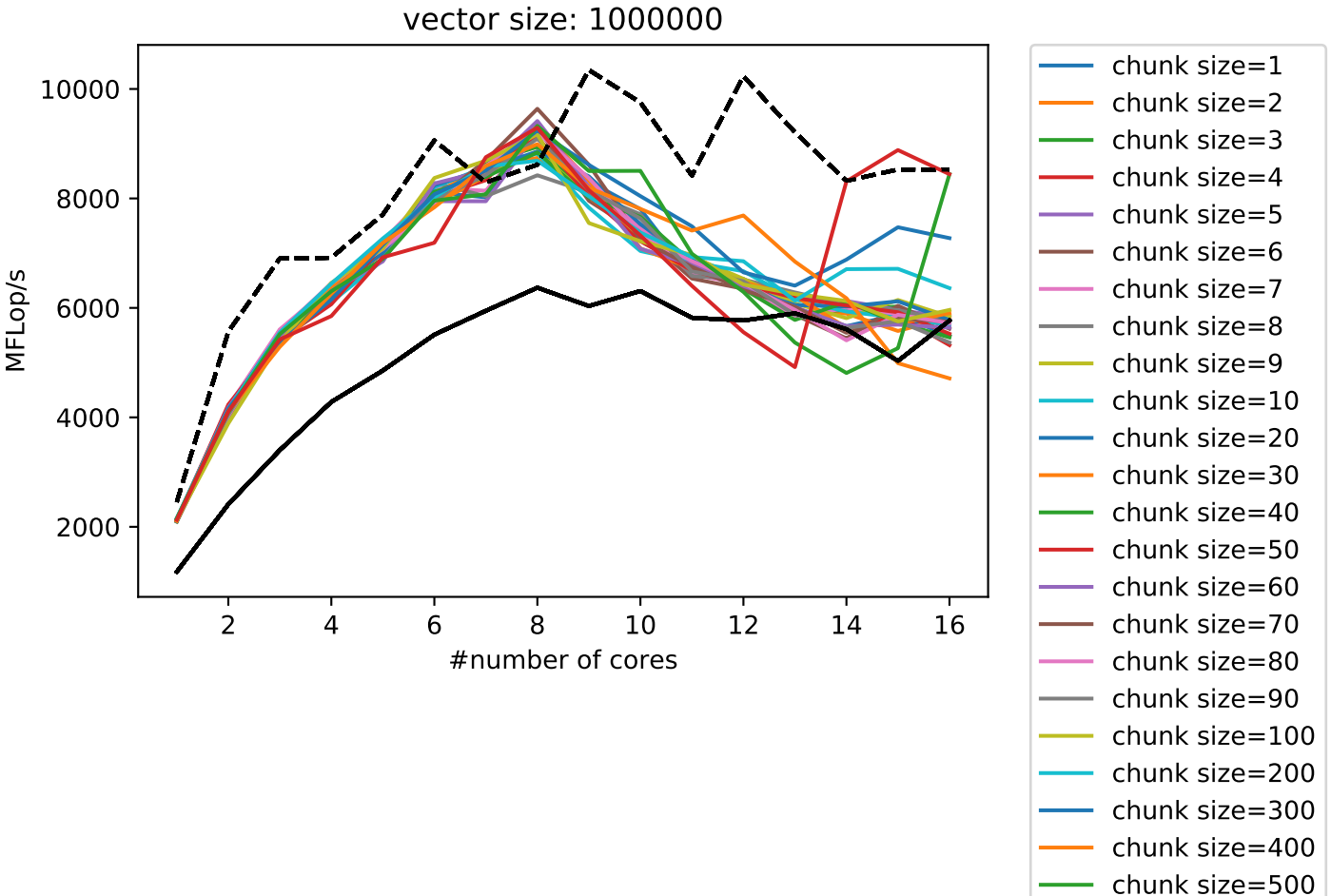
10-19-18-1417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#number of cores
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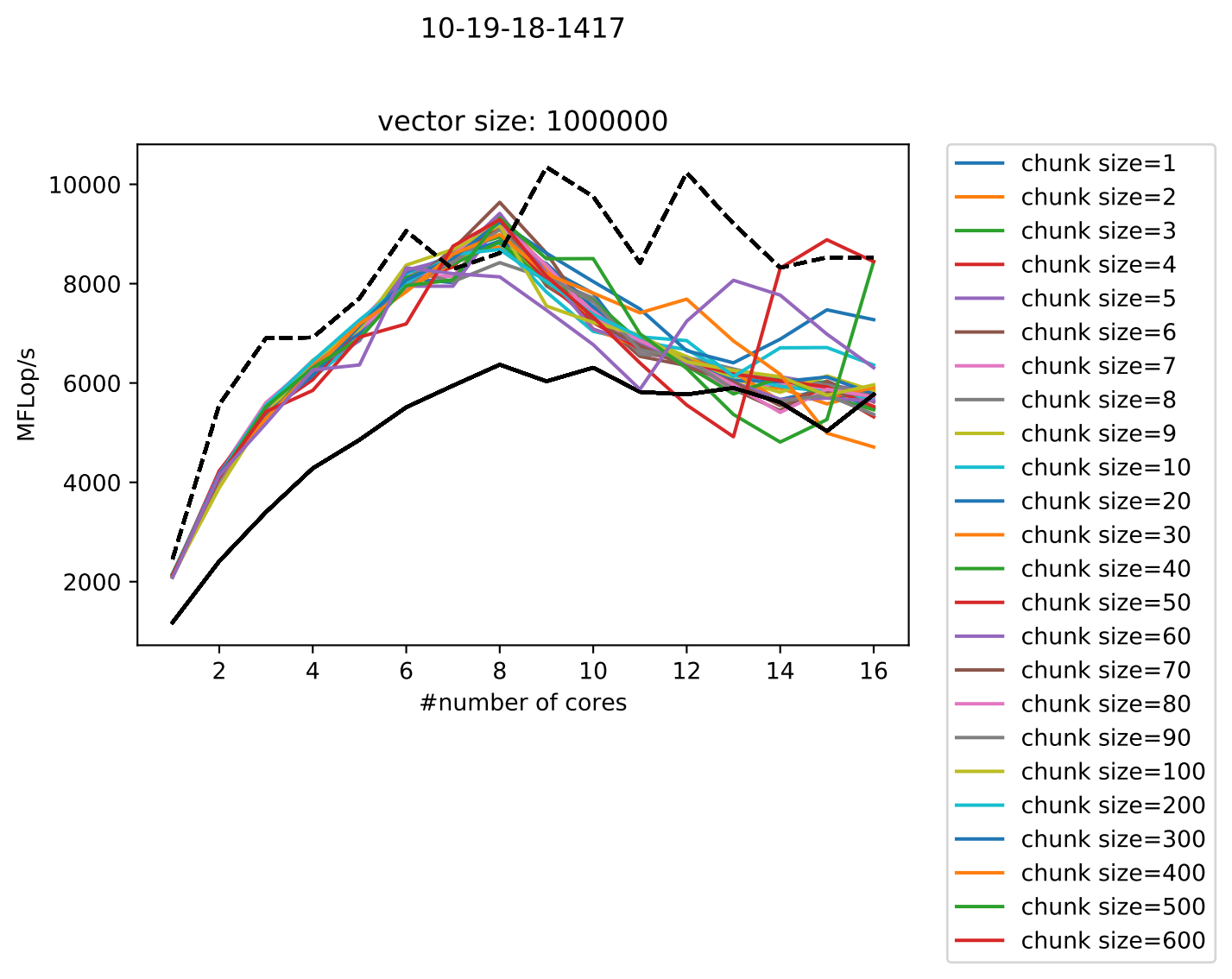
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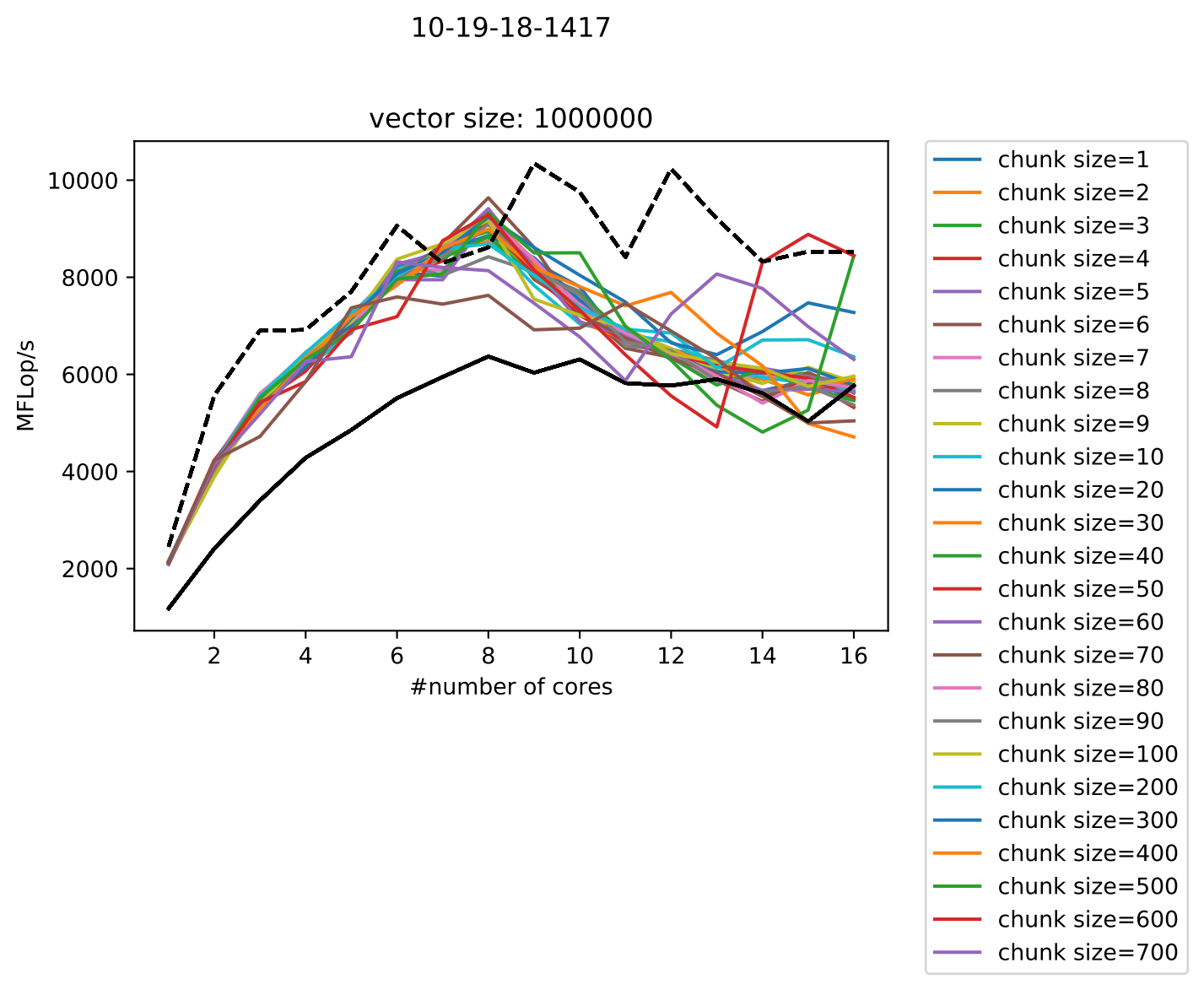
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#number of cores
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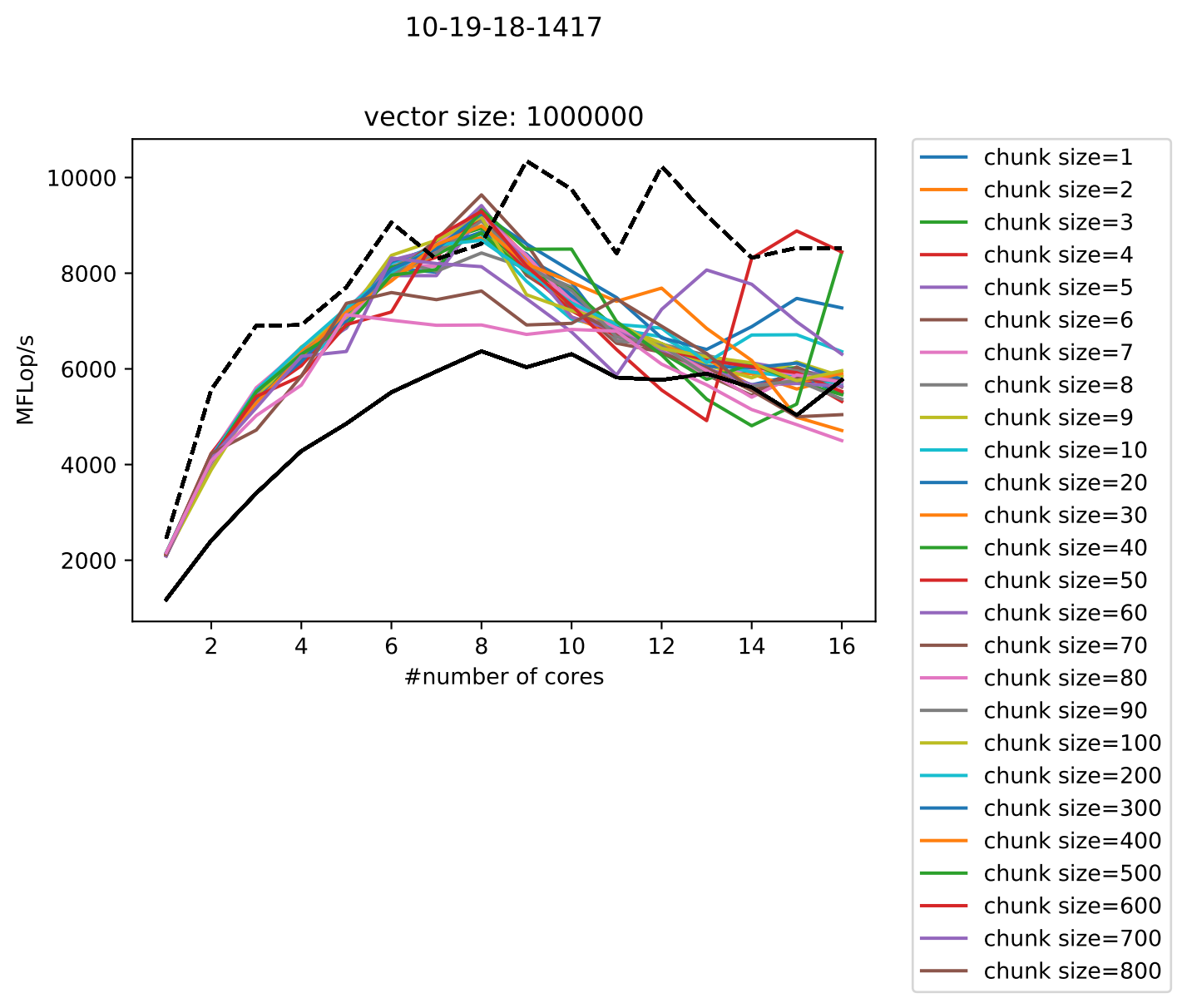
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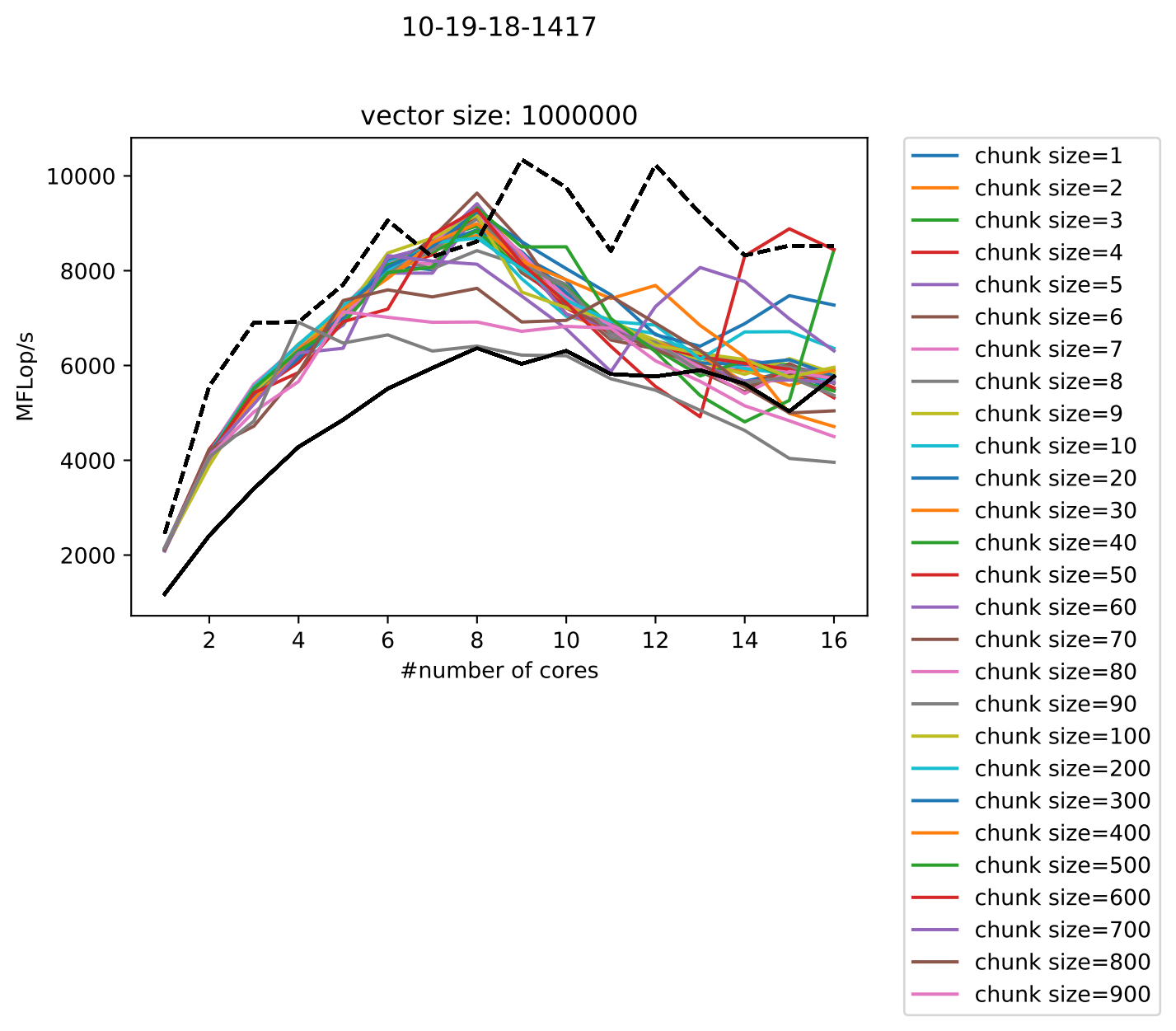
10-19-18-1417
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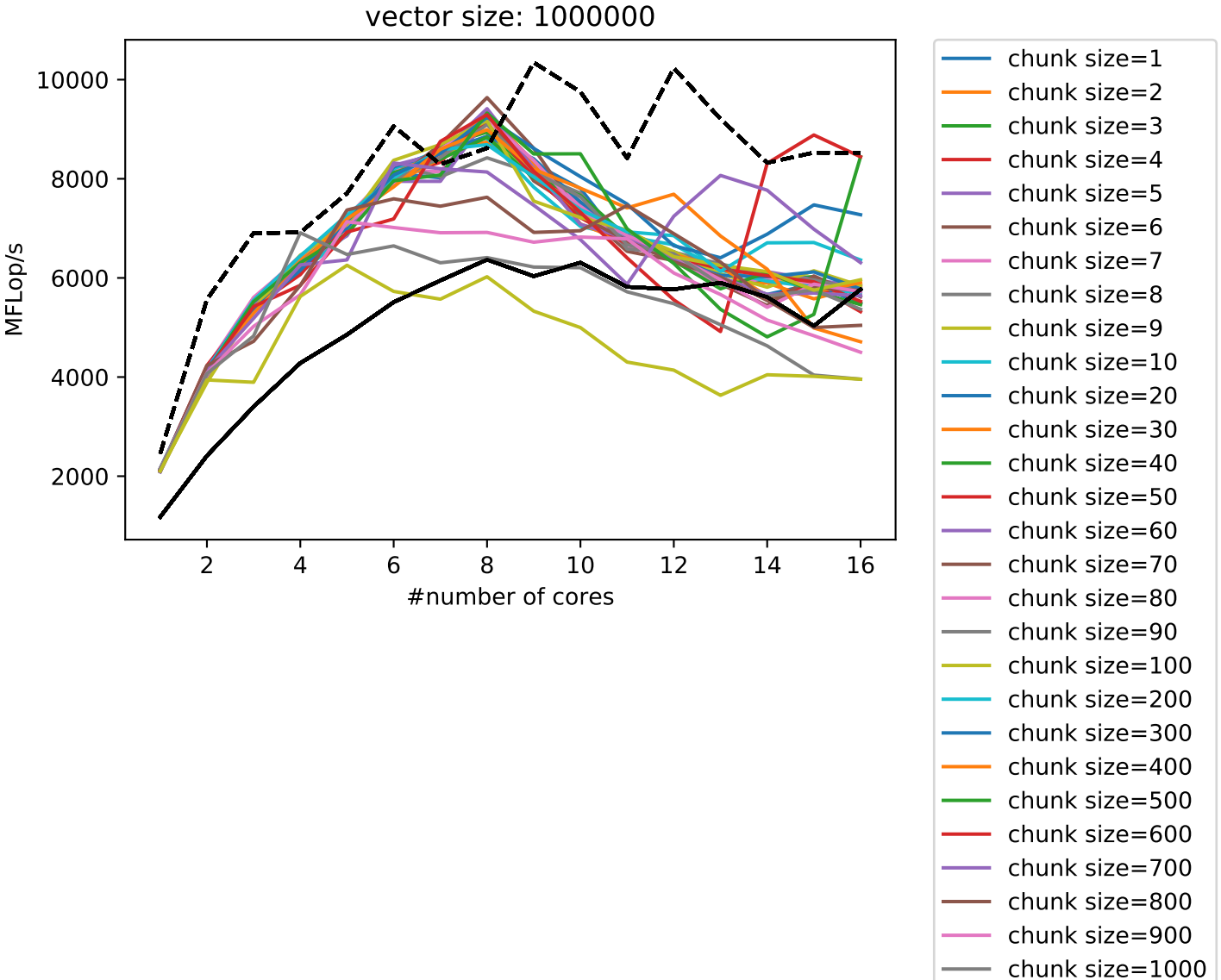
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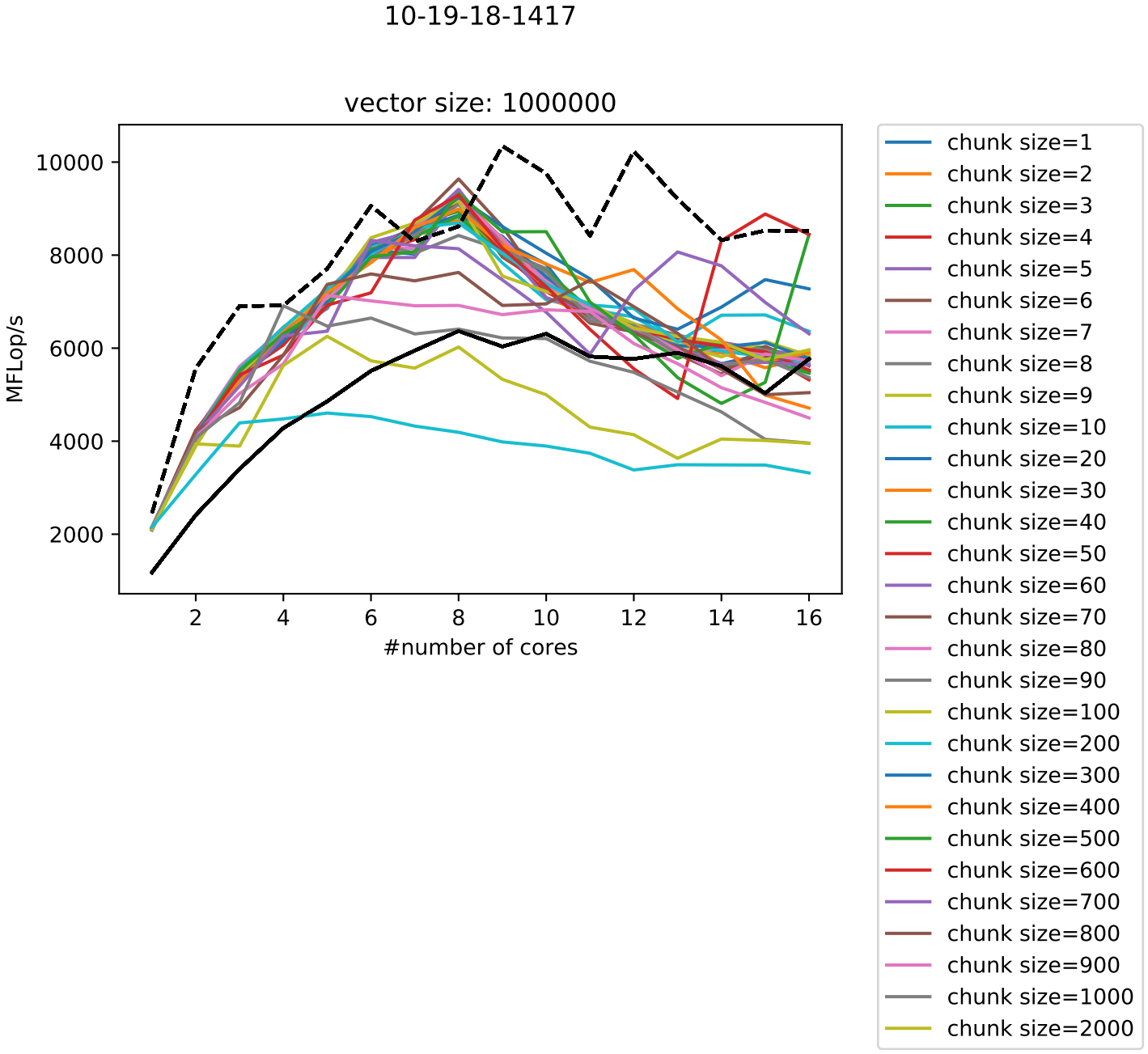
10-19-18-1417
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MFLop/s
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2000
2
4
6
8
10
12
14
16
#number of cores
chunk size=1
chunk size=2
chunk size=3
chunk size=4
chunk size=5
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chunk size=7
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chunk size=10
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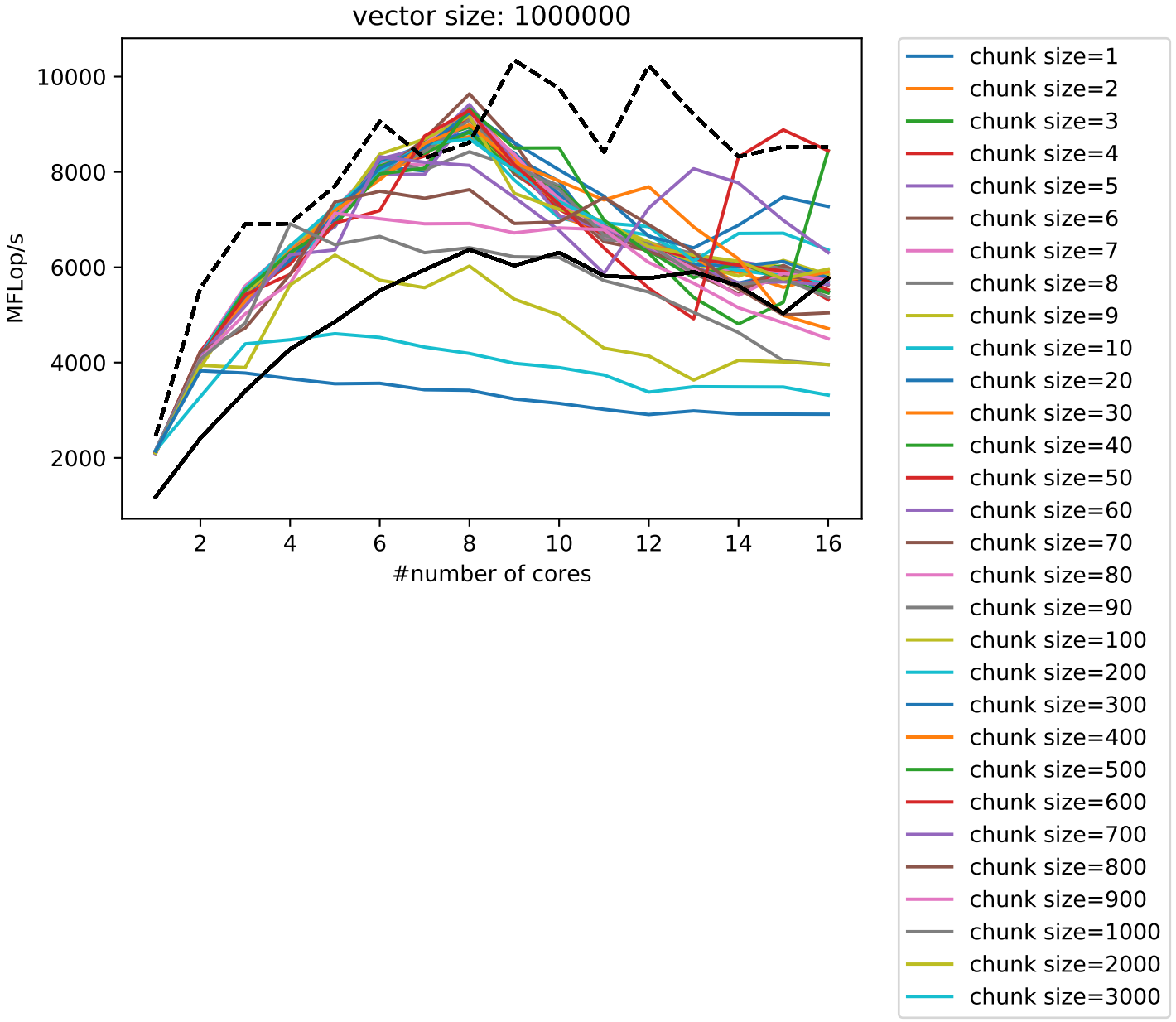
10-19-18-1417


vector size: 1000000
MFLop/s
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10
12
14
16
#number of cores
chunk size=1
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chunk size=3
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chunk size=6
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chunk size=9
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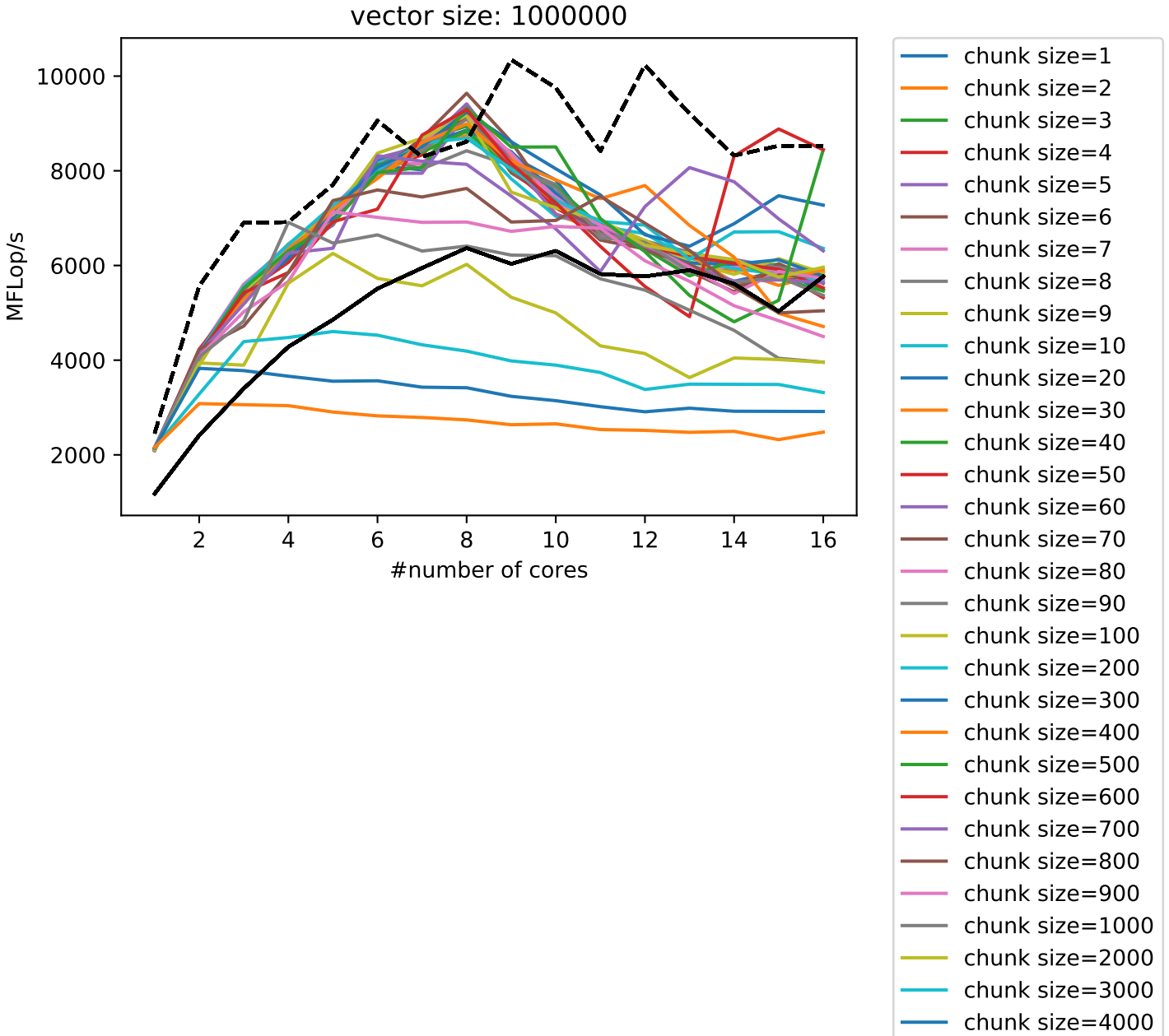
10-19-18-1417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12
14
16
#number of cores
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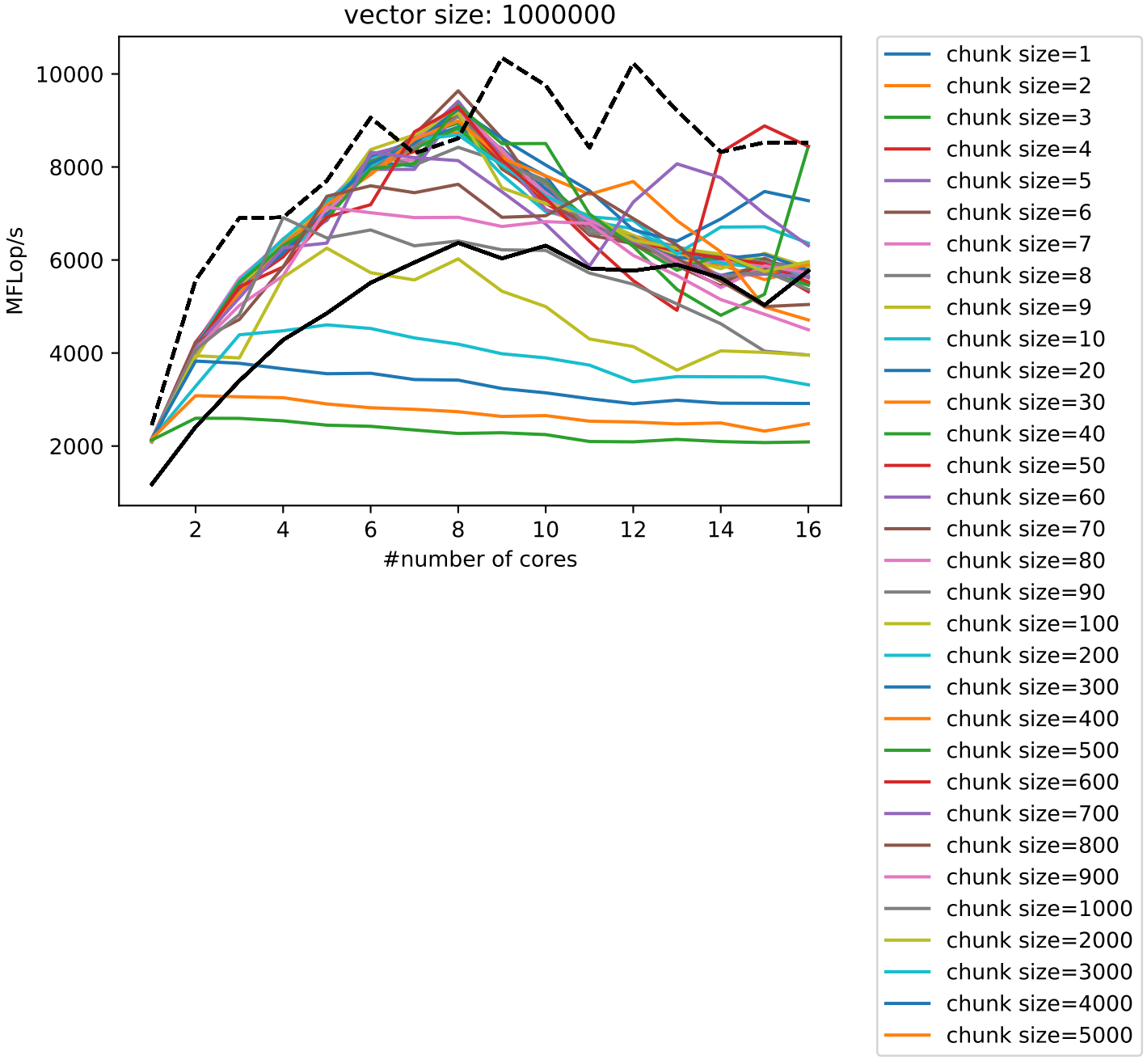
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#number of cores
chunk size=1
chunk size=2
chunk size=3
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chunk size=5
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chunk size=7
chunk size=8
chunk size=9
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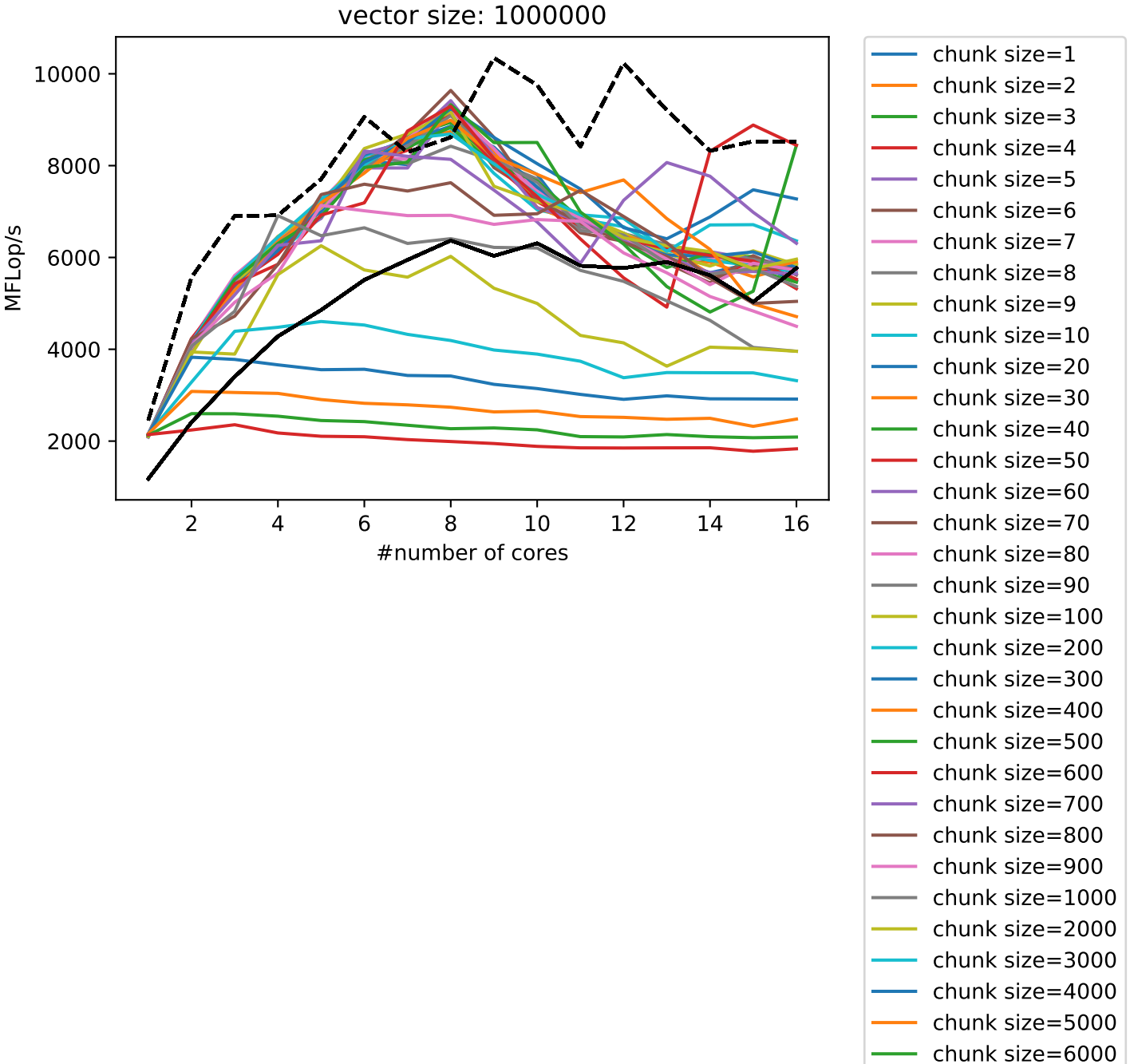
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#number of cores
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chunk size=1
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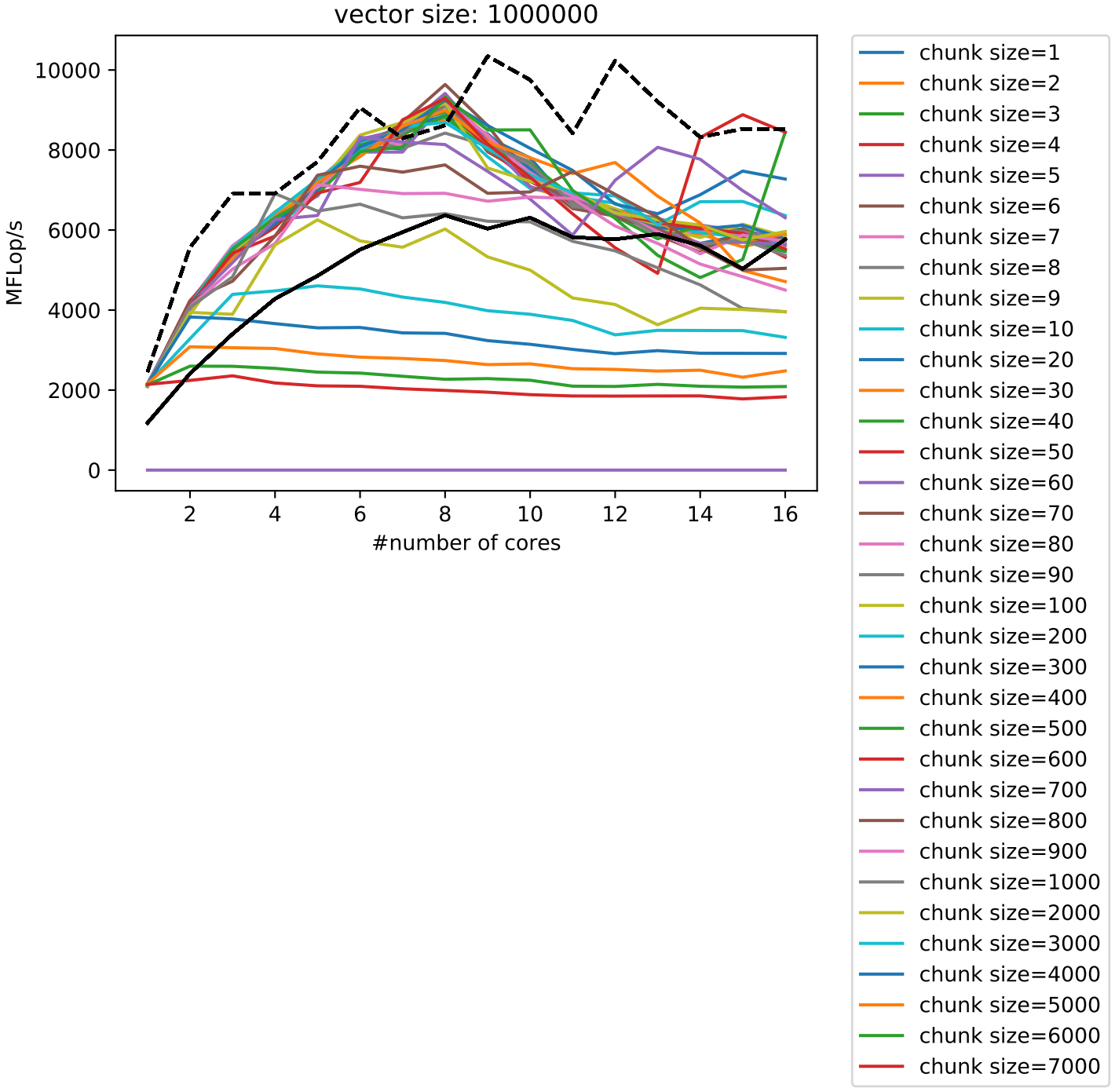
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chunk size=1
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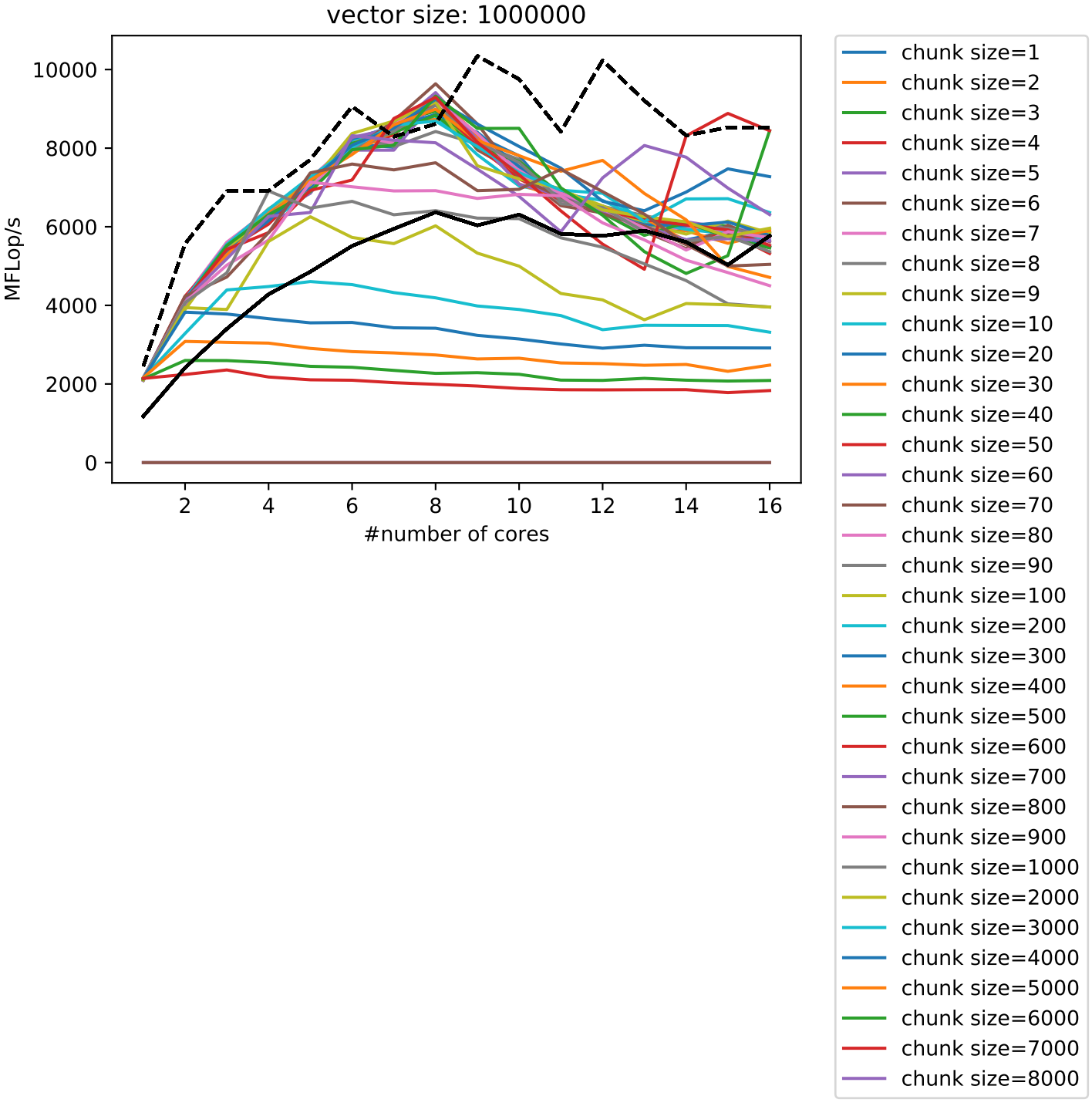
10-19-18-1417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chunk size=1
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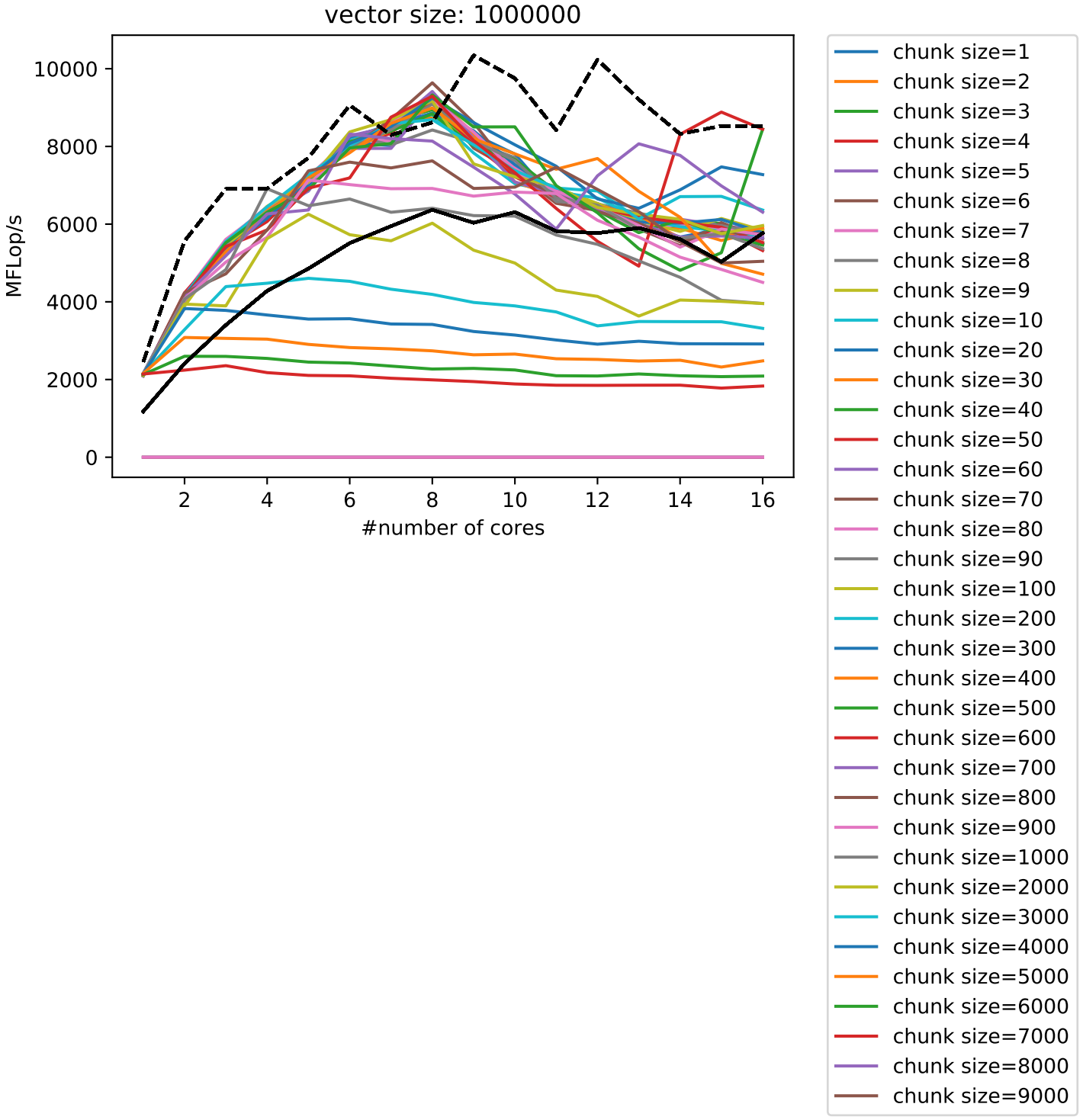
vector size: 1000000
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chunk size=1
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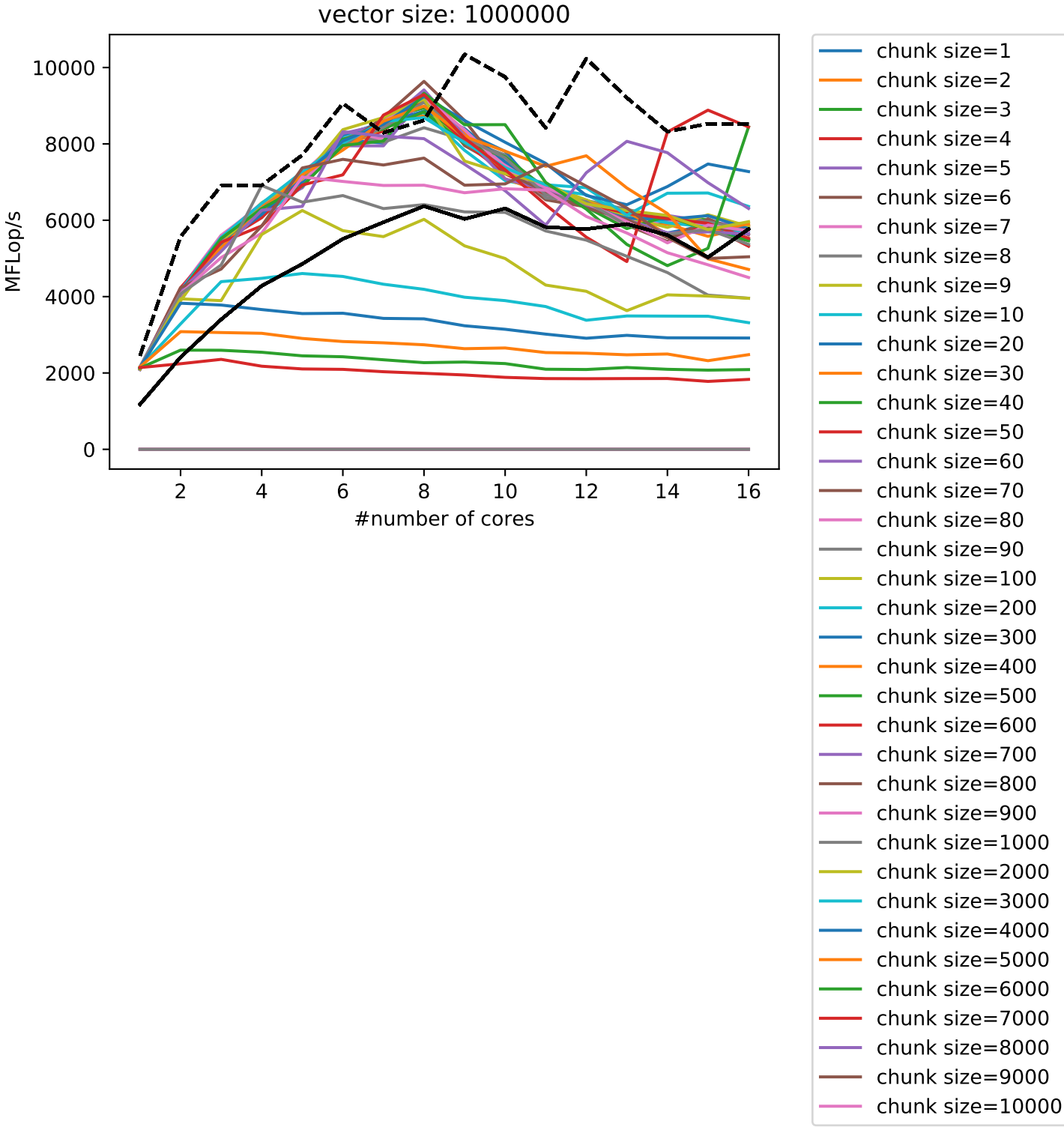
10-19-18-1417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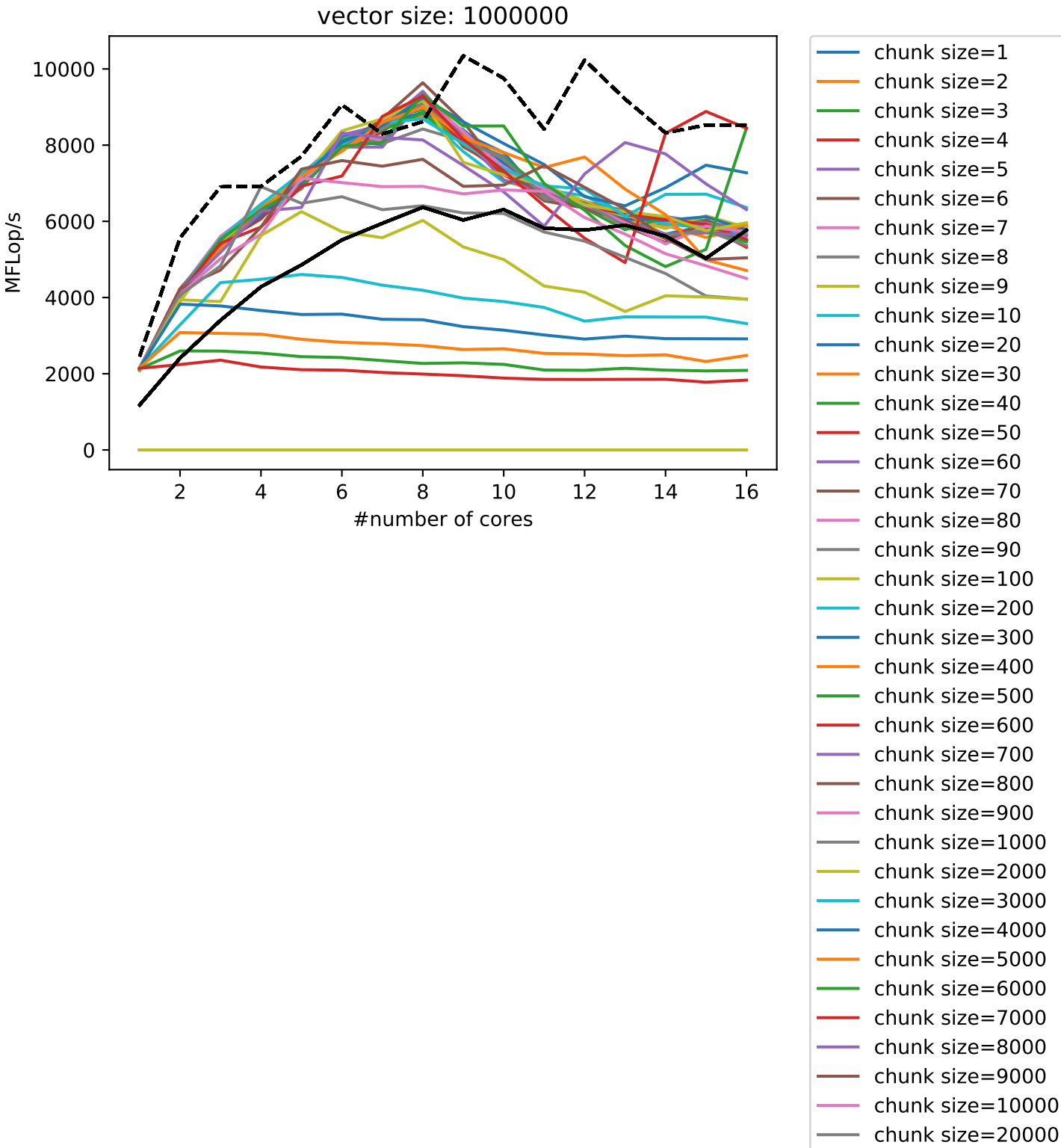
10-19-18-1417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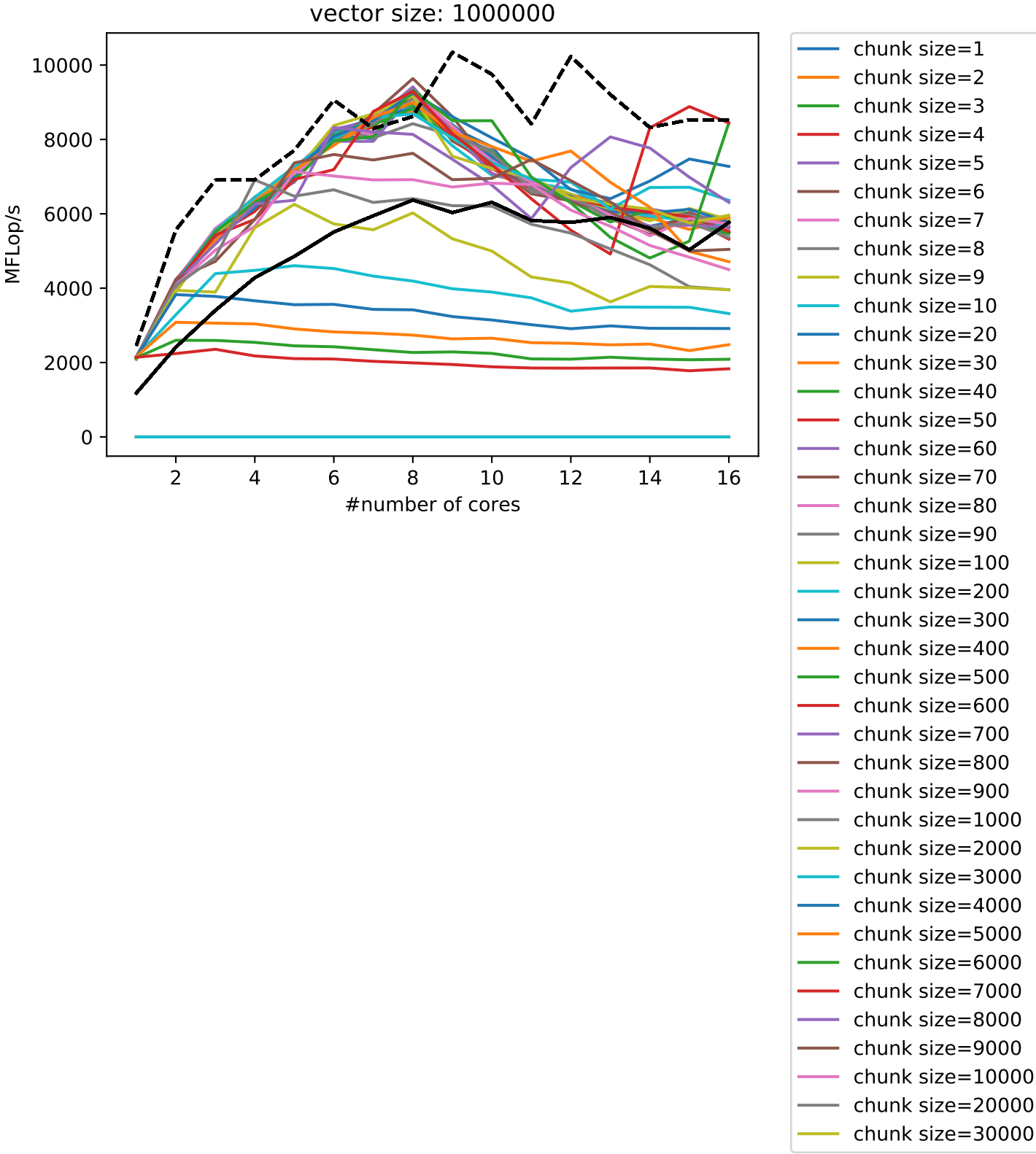
10-19-18-1417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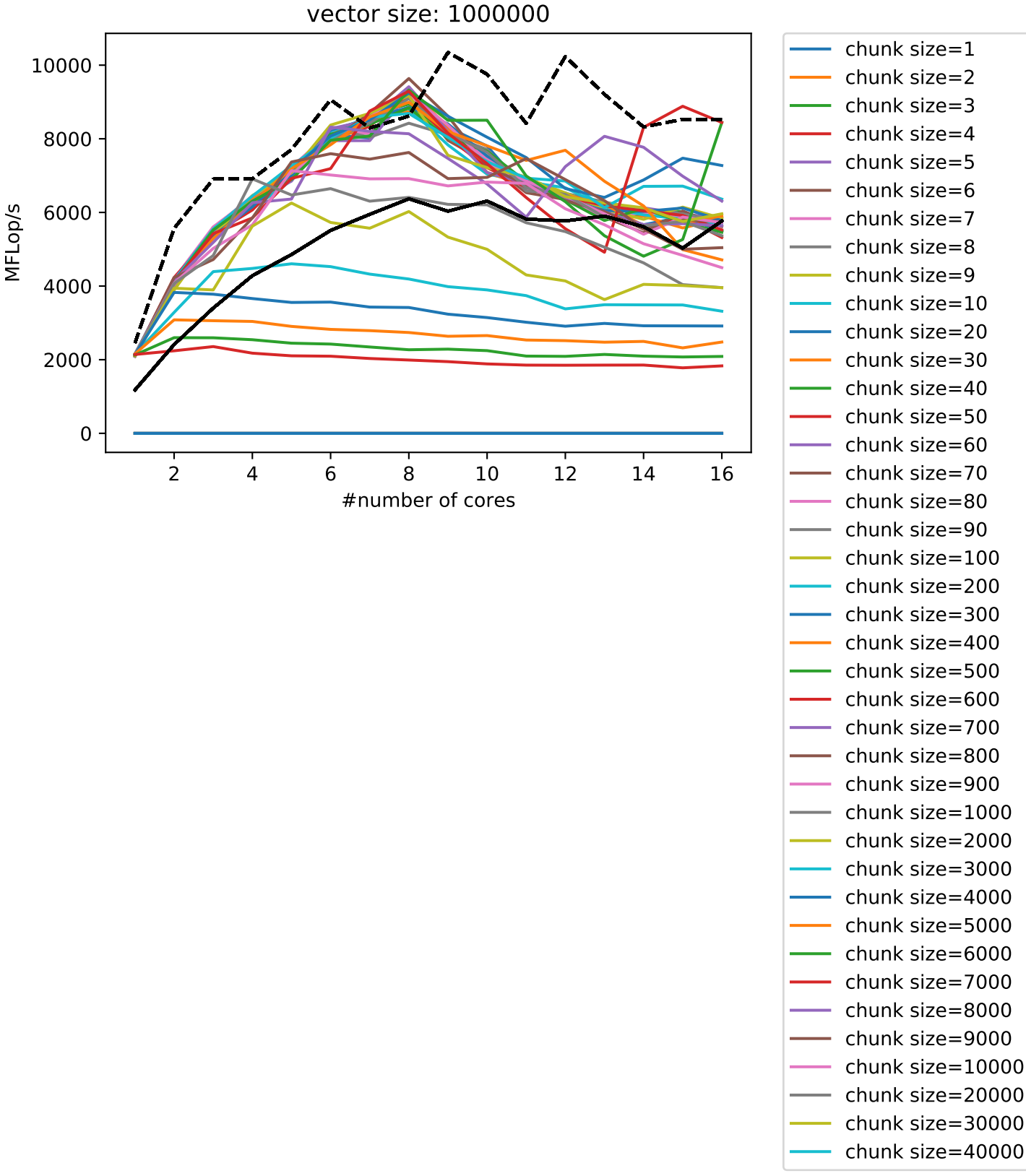
10-19-18-1417


vector size: 1000000
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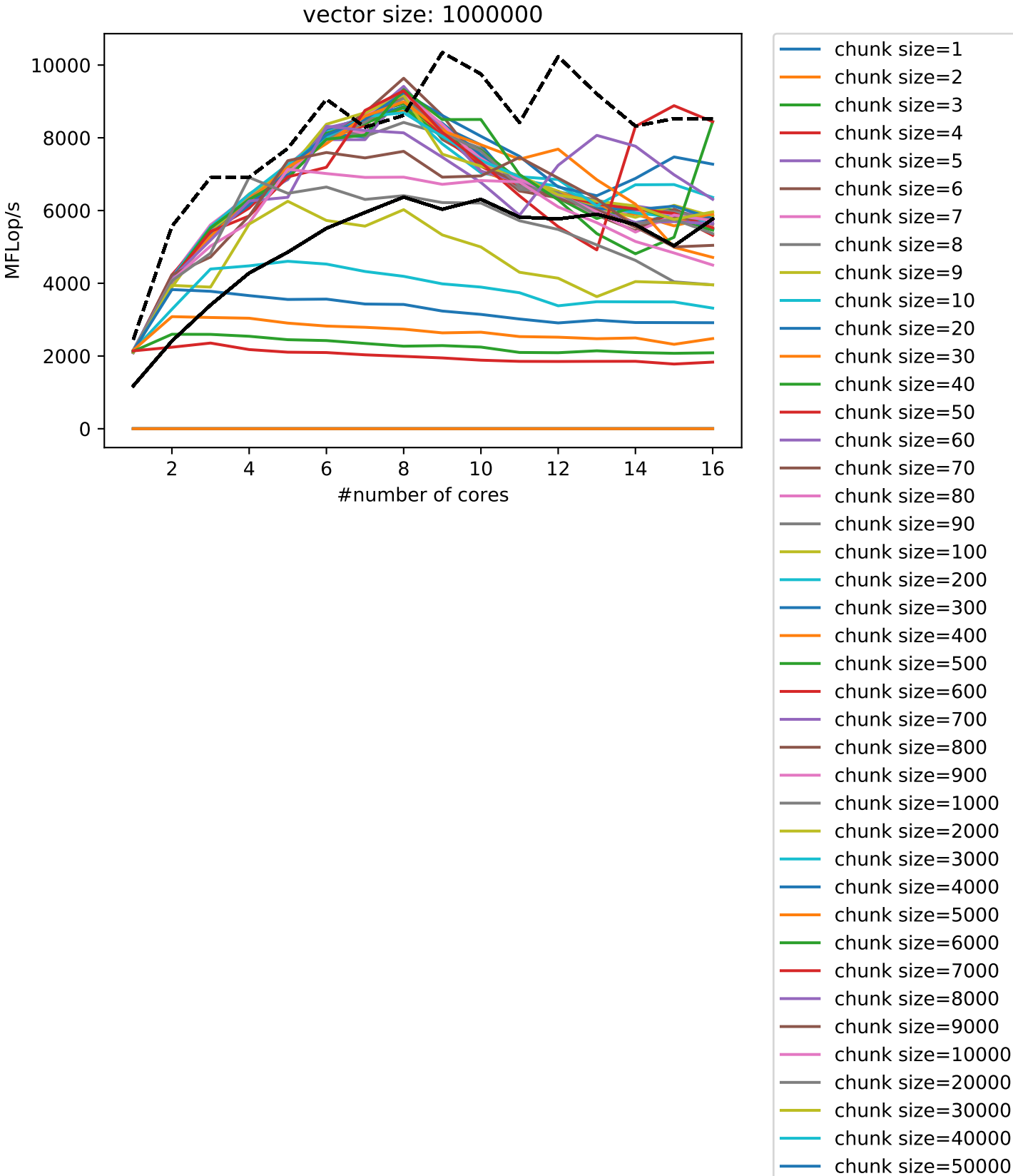
10-19-18-1417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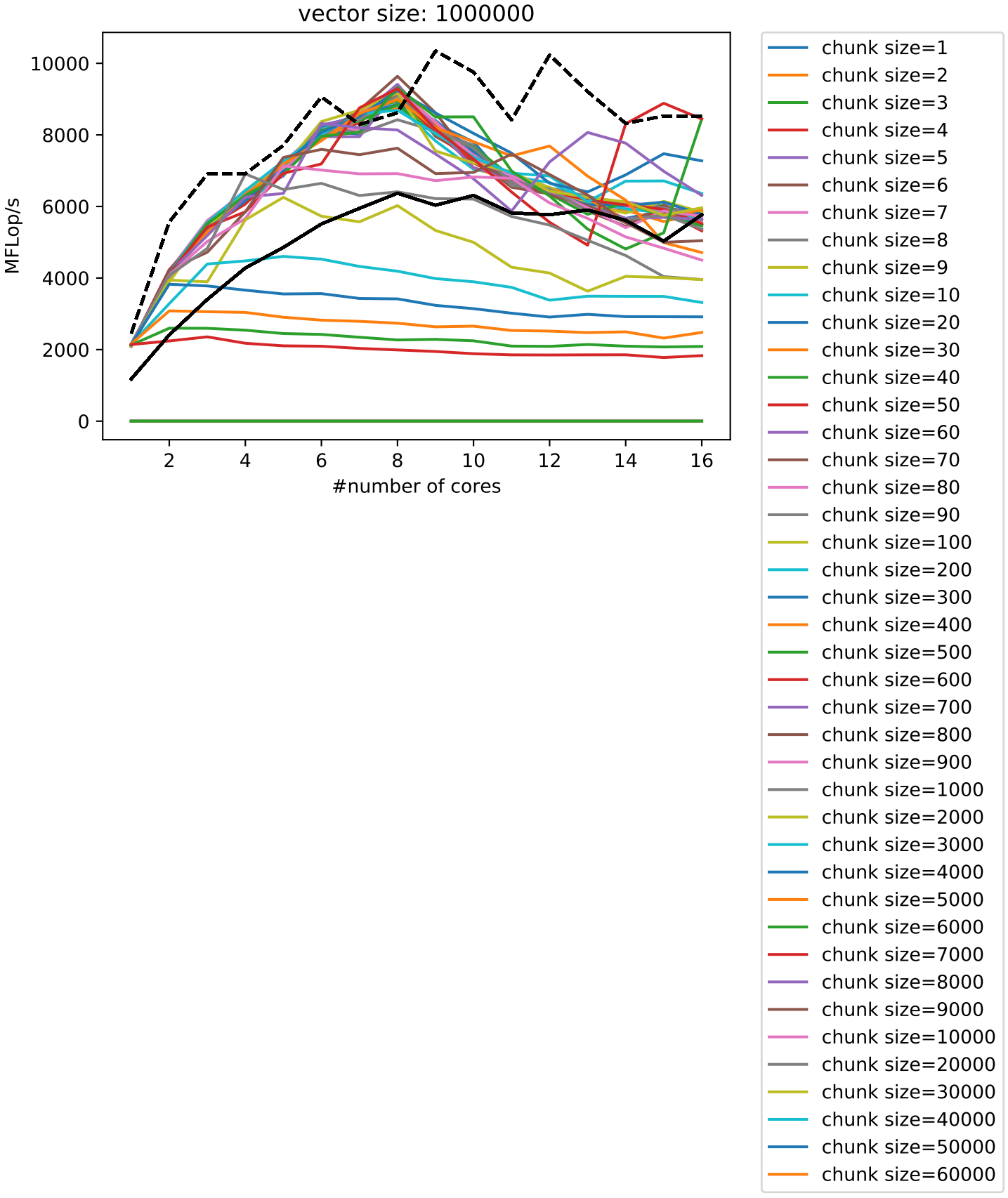
10-19-18-1417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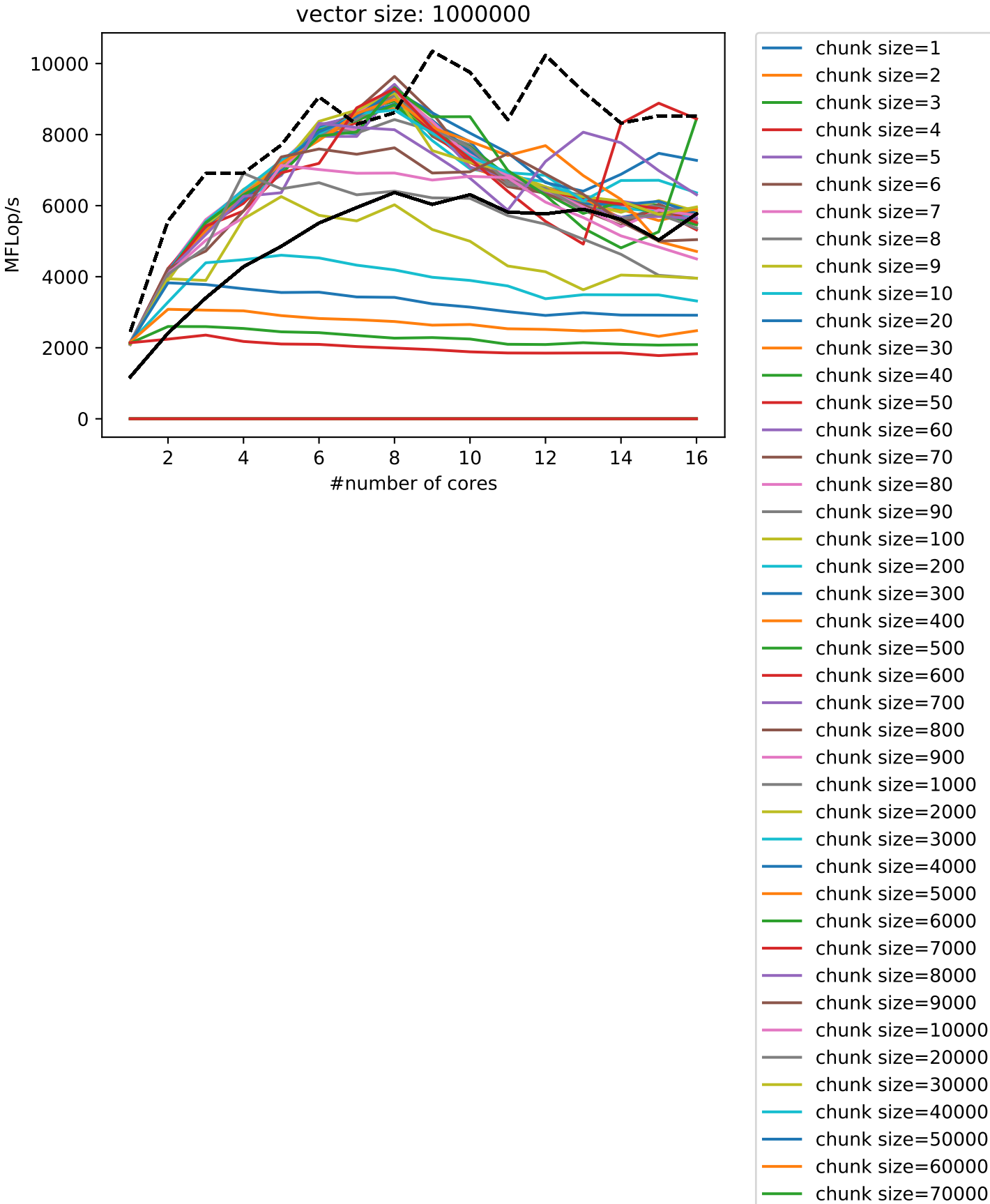
10-19-18-1417


vector size: 1000000
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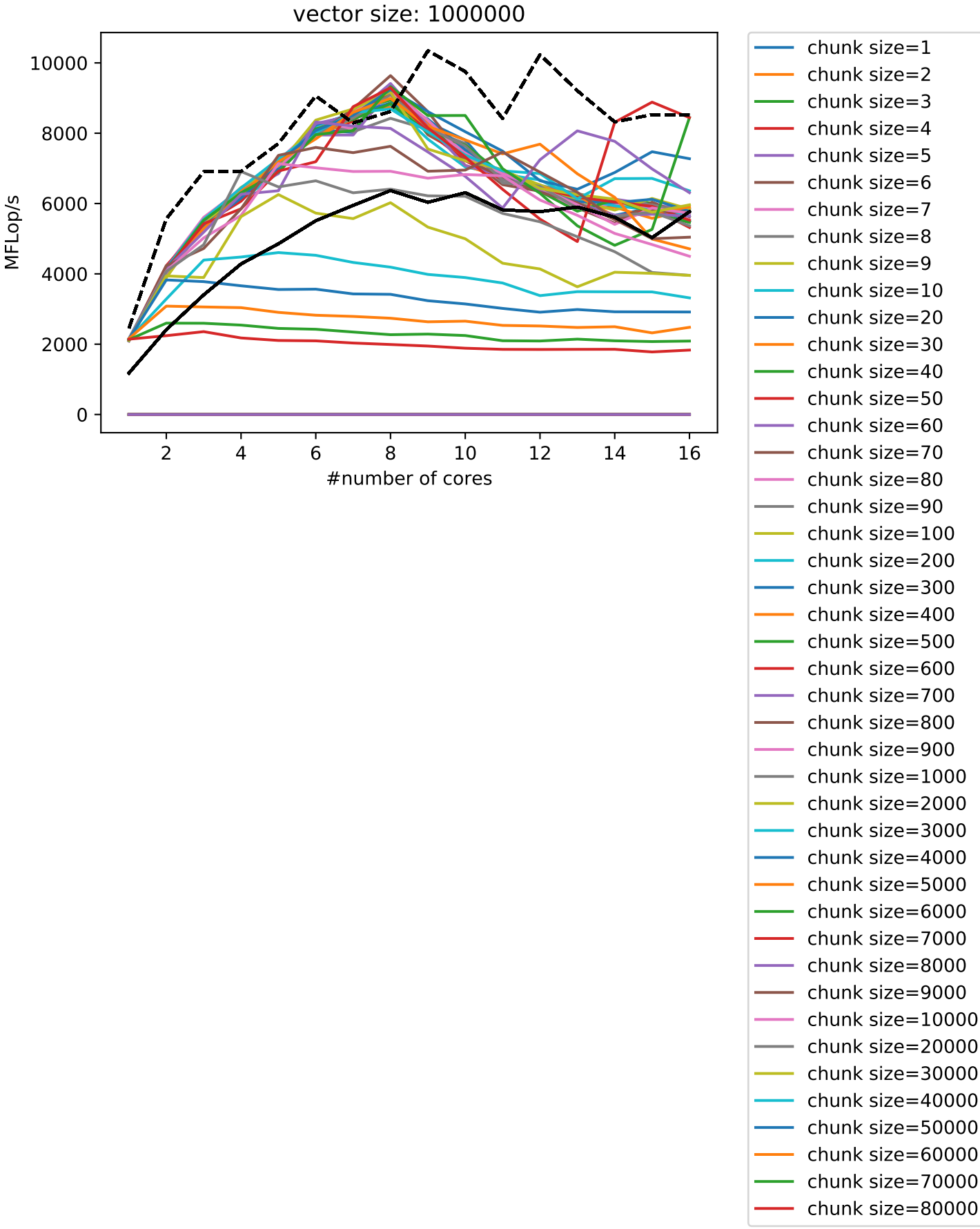
10-19-18-1417


vector size: 1000000
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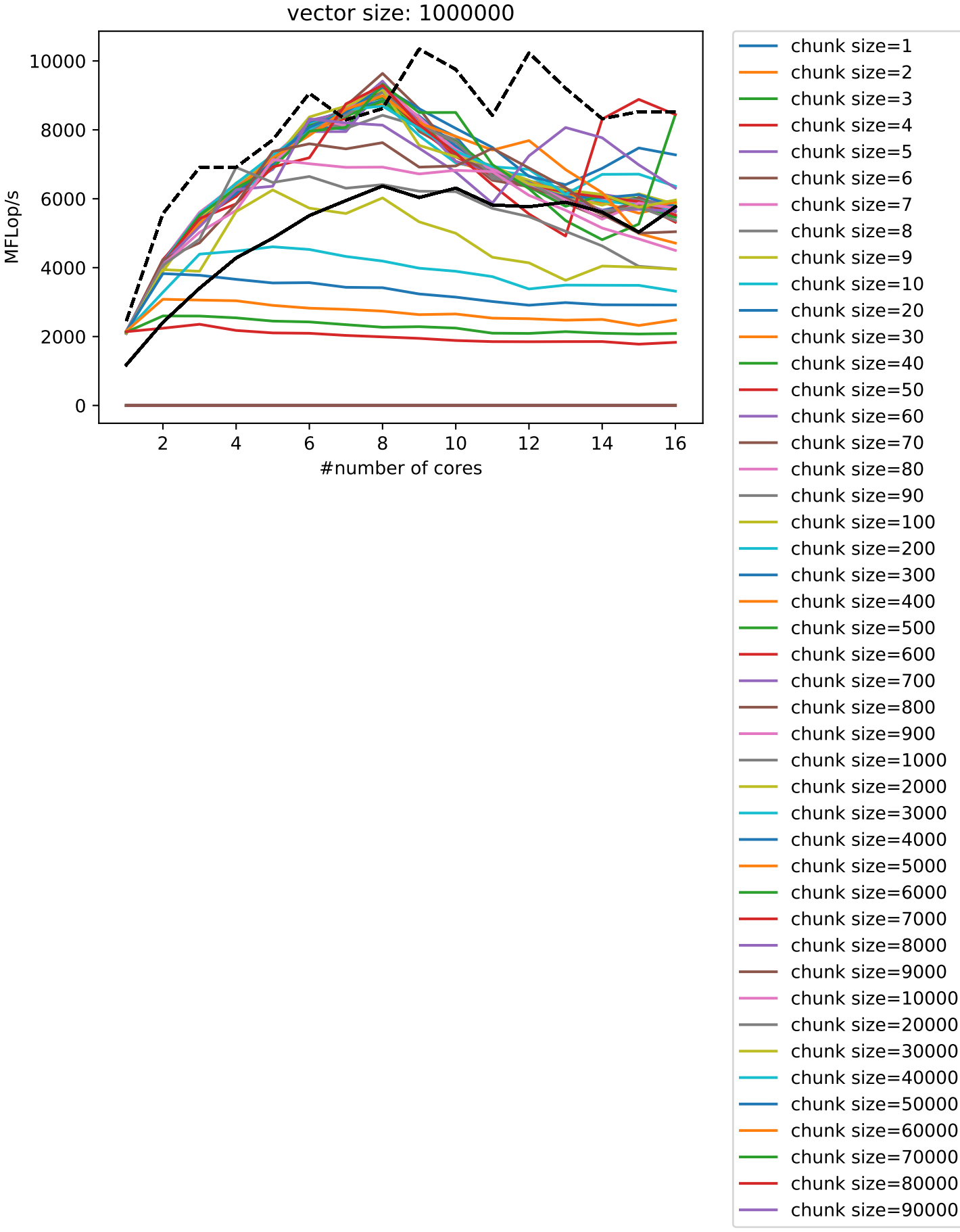
10-19-18-1417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MFLop/s
#number of cores
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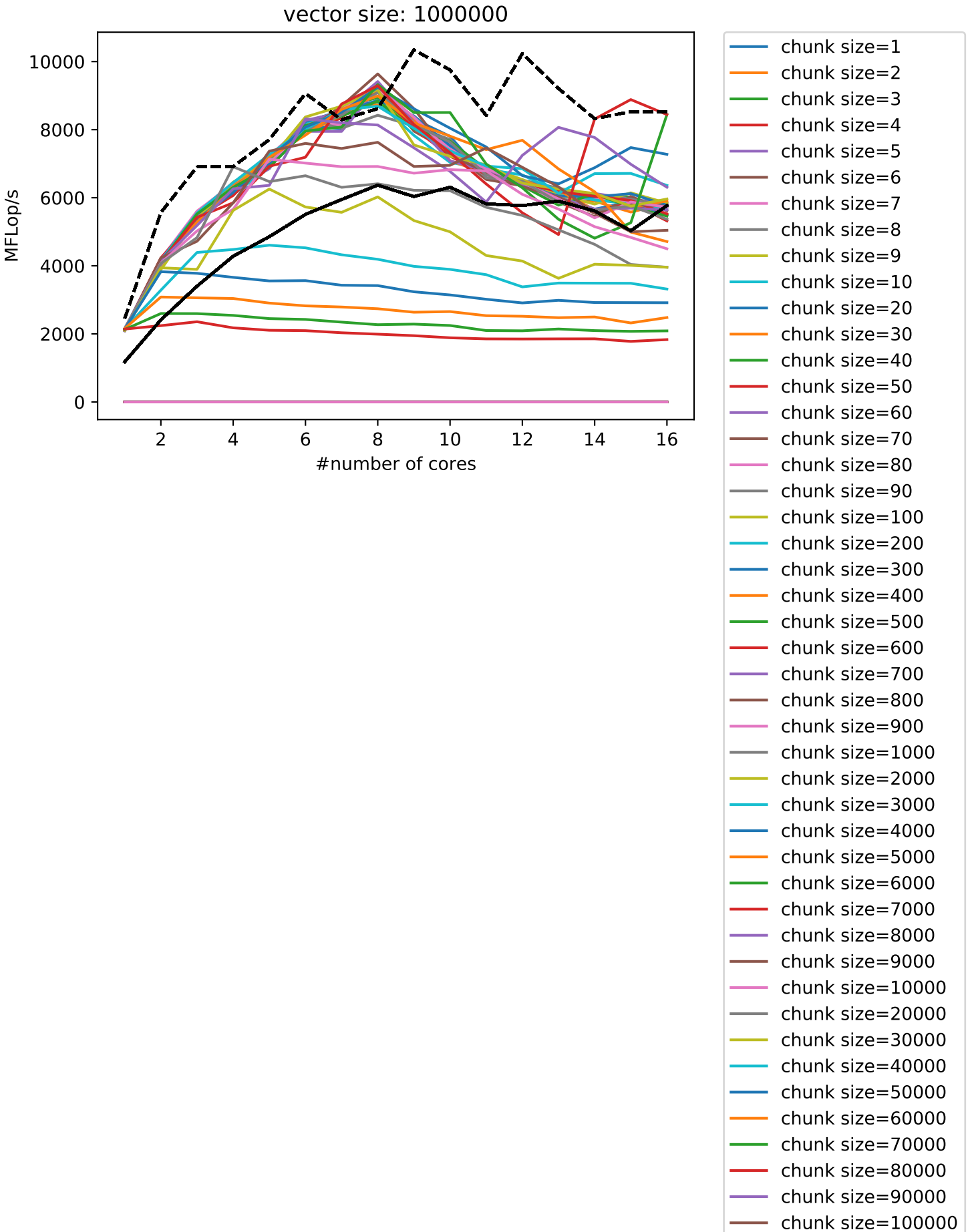
10-19-18-1417


vector size: 1000000
MFLop/s
#number of cores
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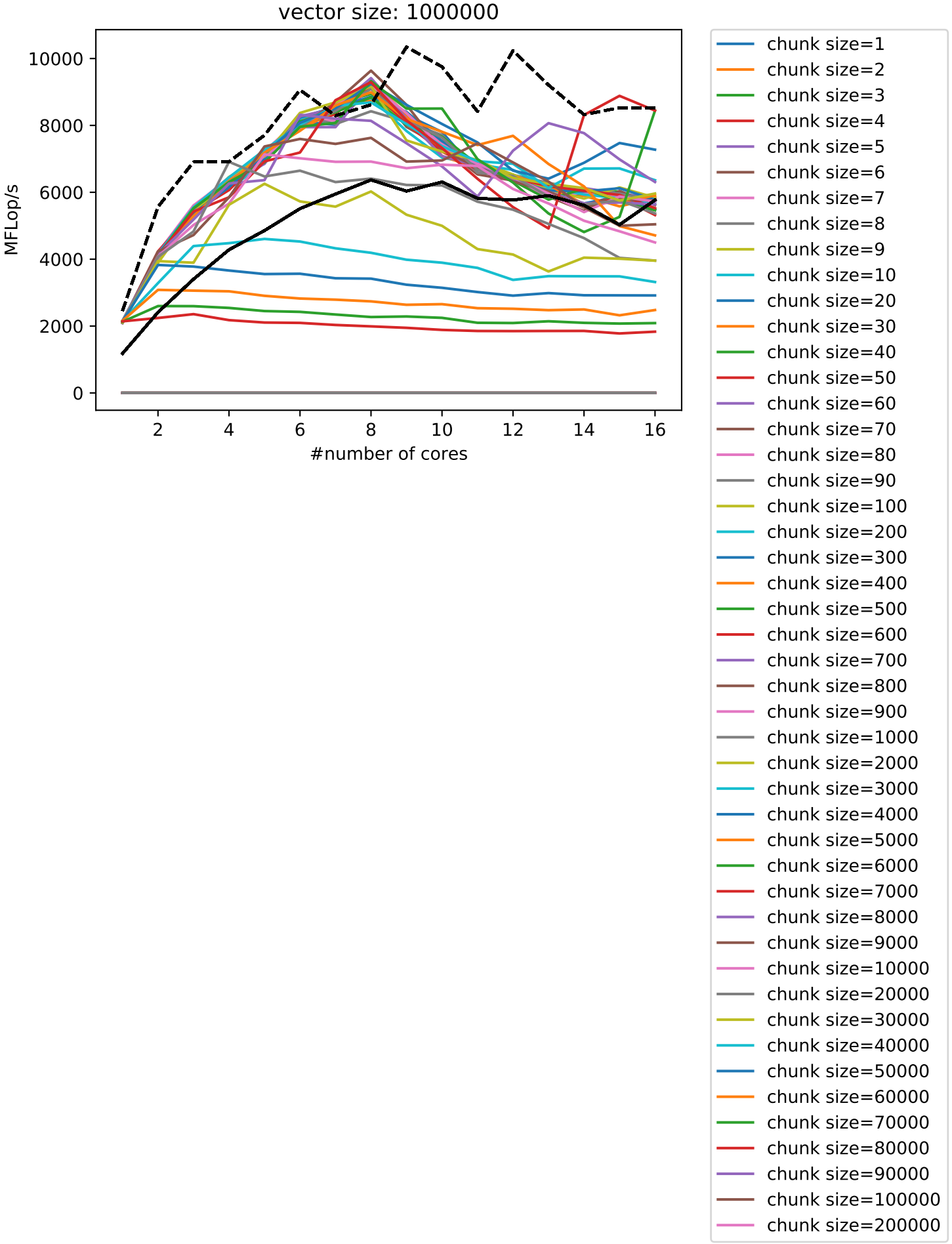
10-19-18-1417


vector size: 1000000
MFLop/s
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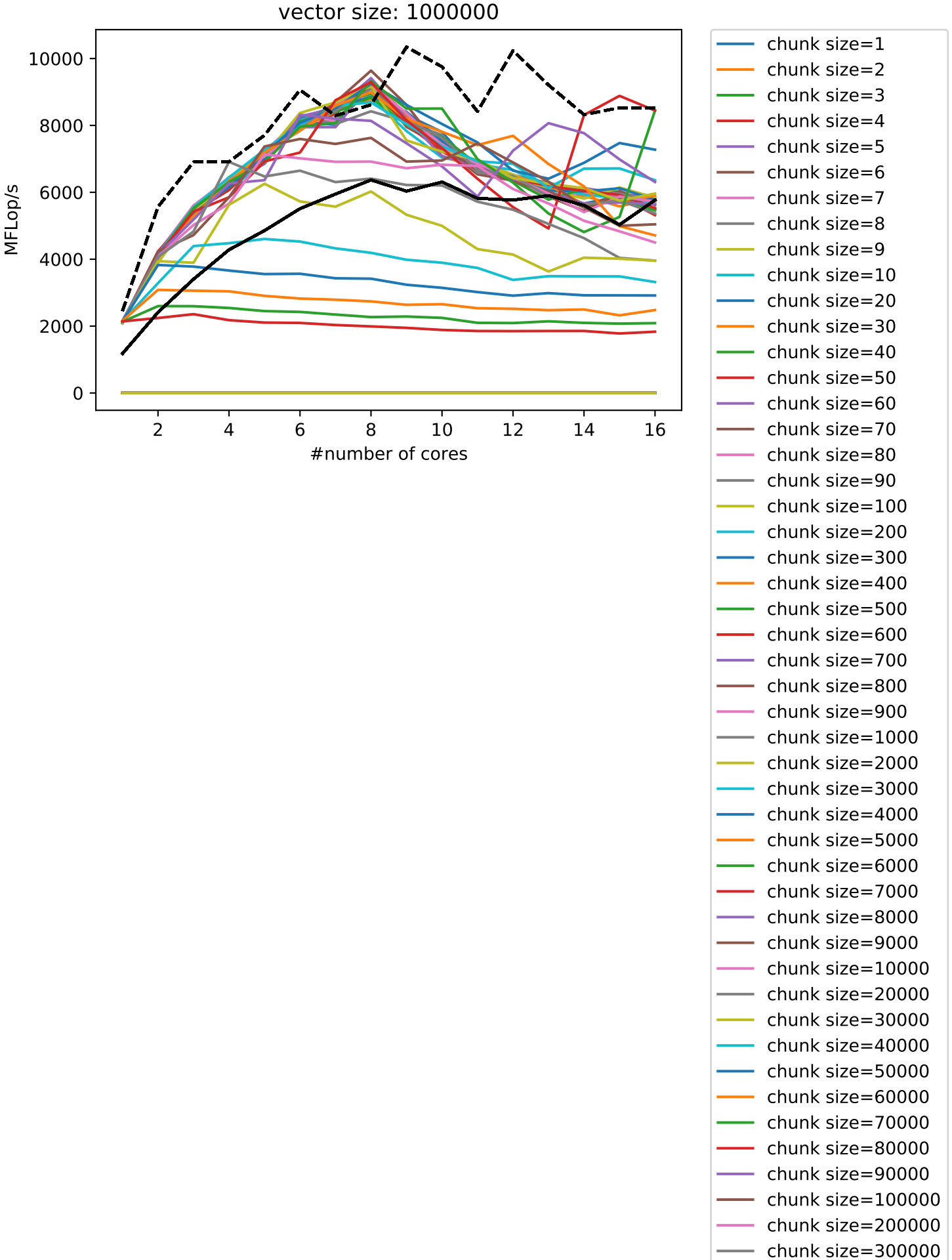
10-19-18-1417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MFLop/s
#number of cores
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4000
6000
8000
10000
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chunk size=1
chunk size=2
chunk size=3
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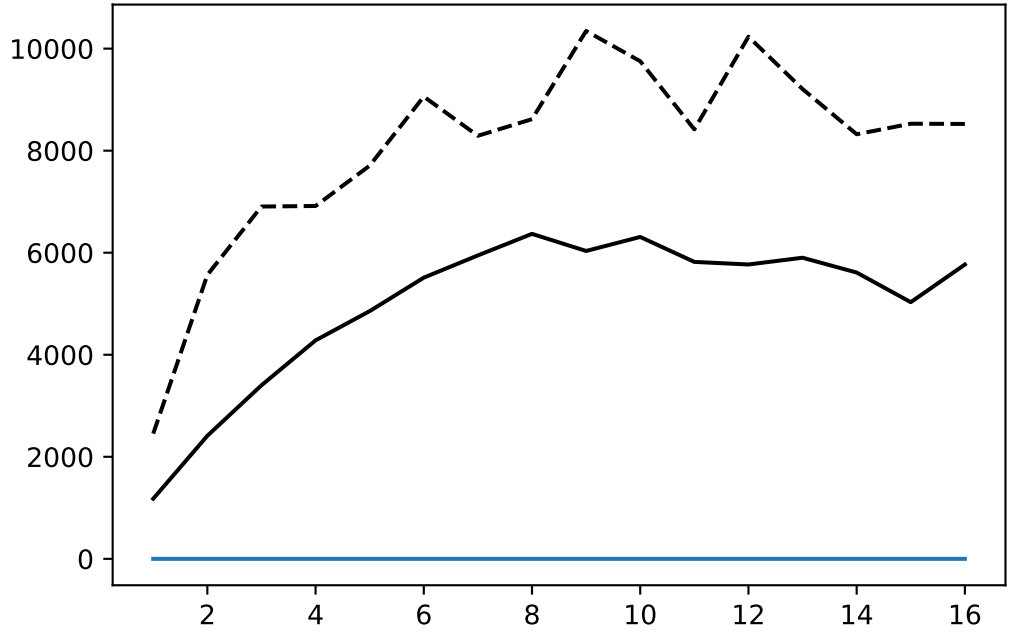
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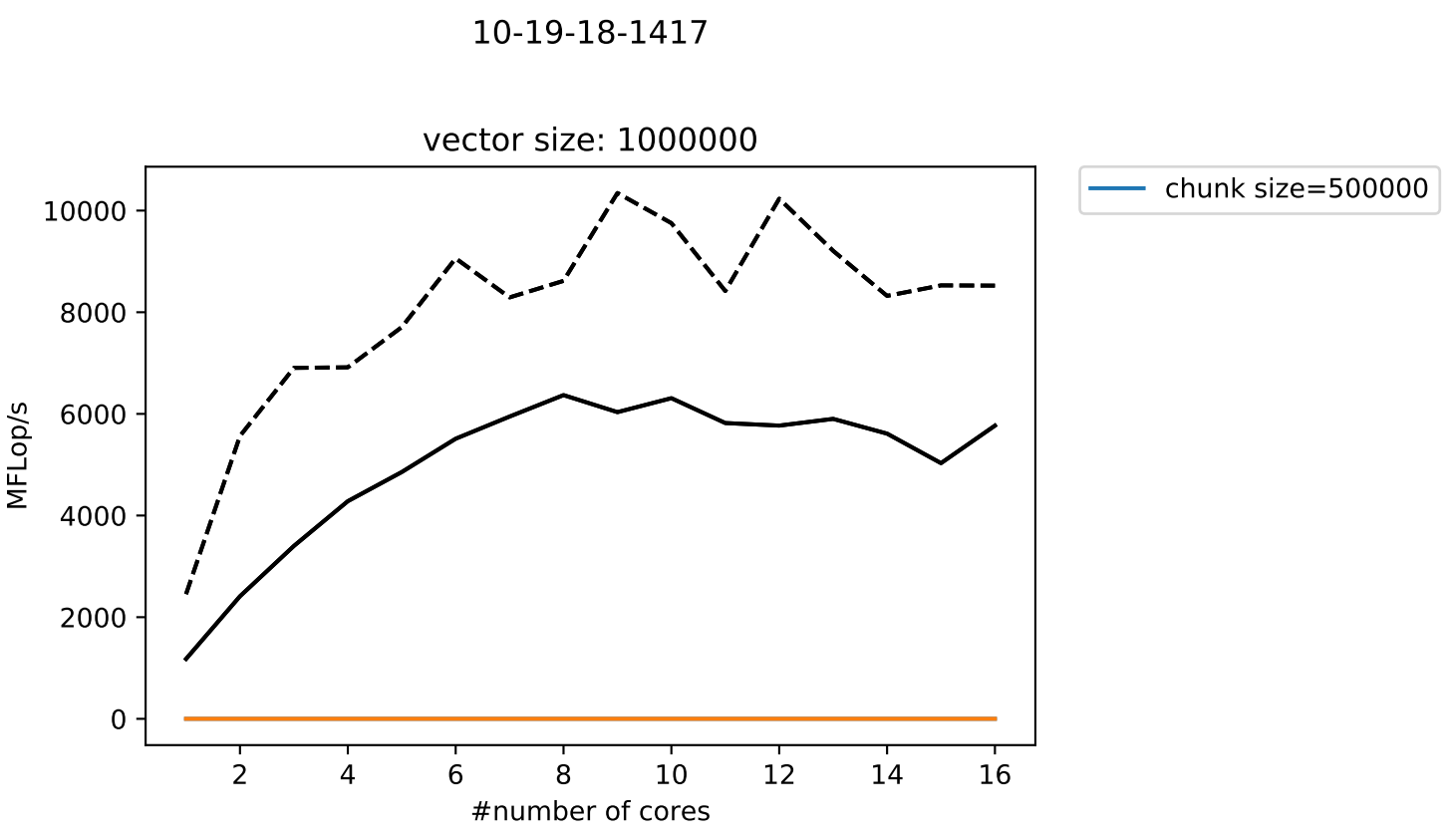
10-19-18-1417
vector size: 1000000
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MFLop/s
10000
8000
6000
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12
14
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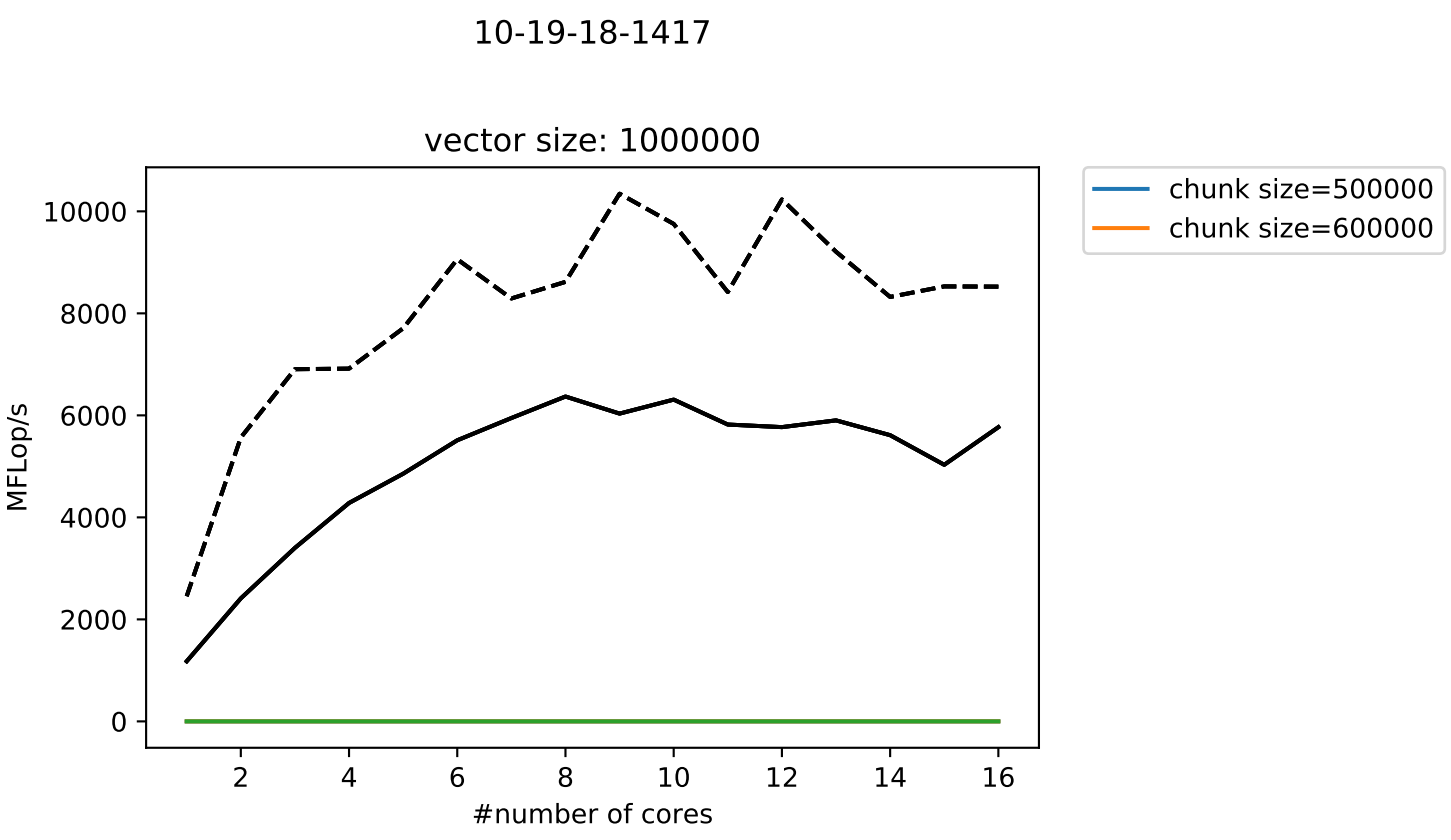
#number of cores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MFLop/s
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10
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14
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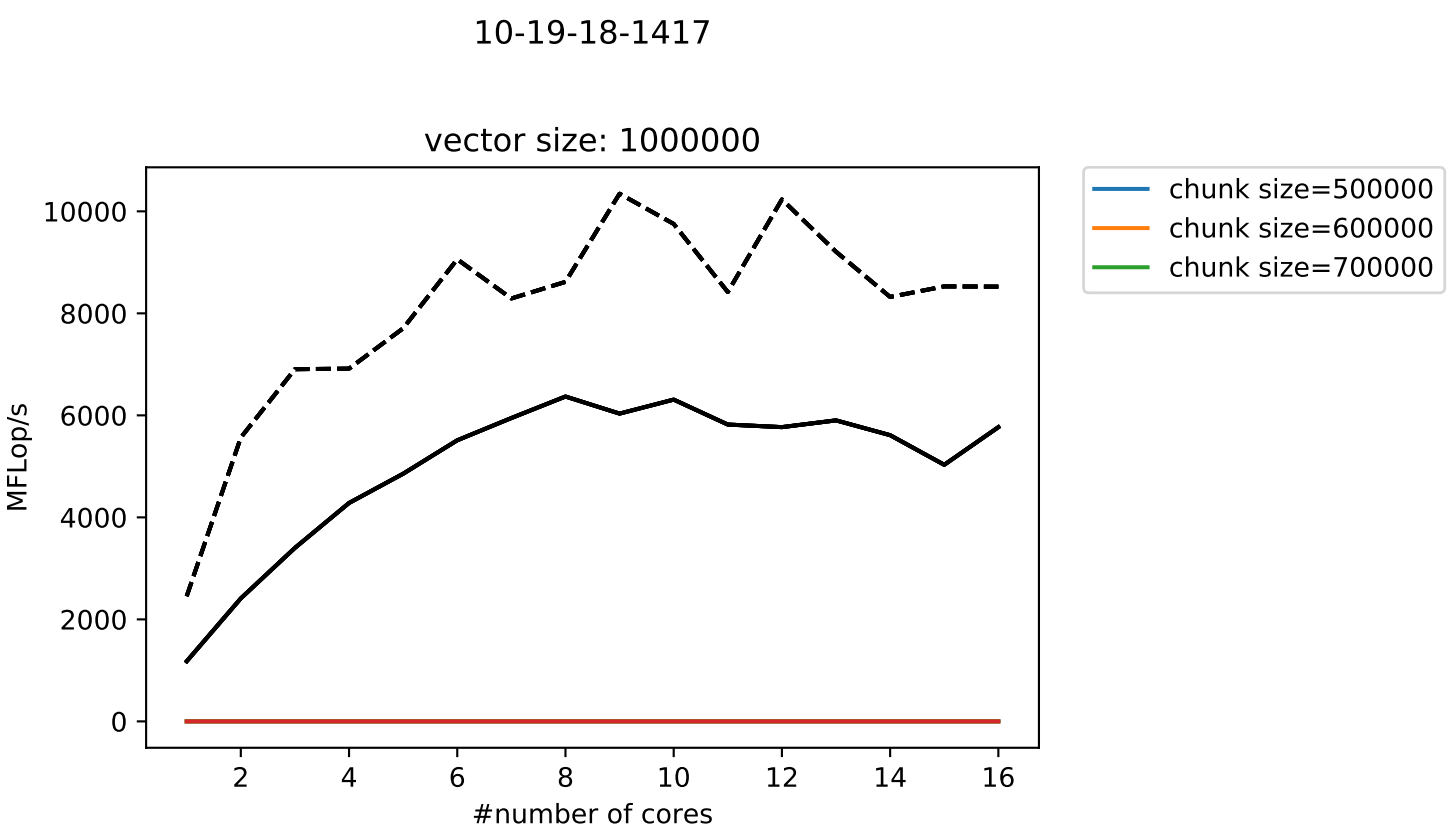
#number of cores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MFLop/s
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8000
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14
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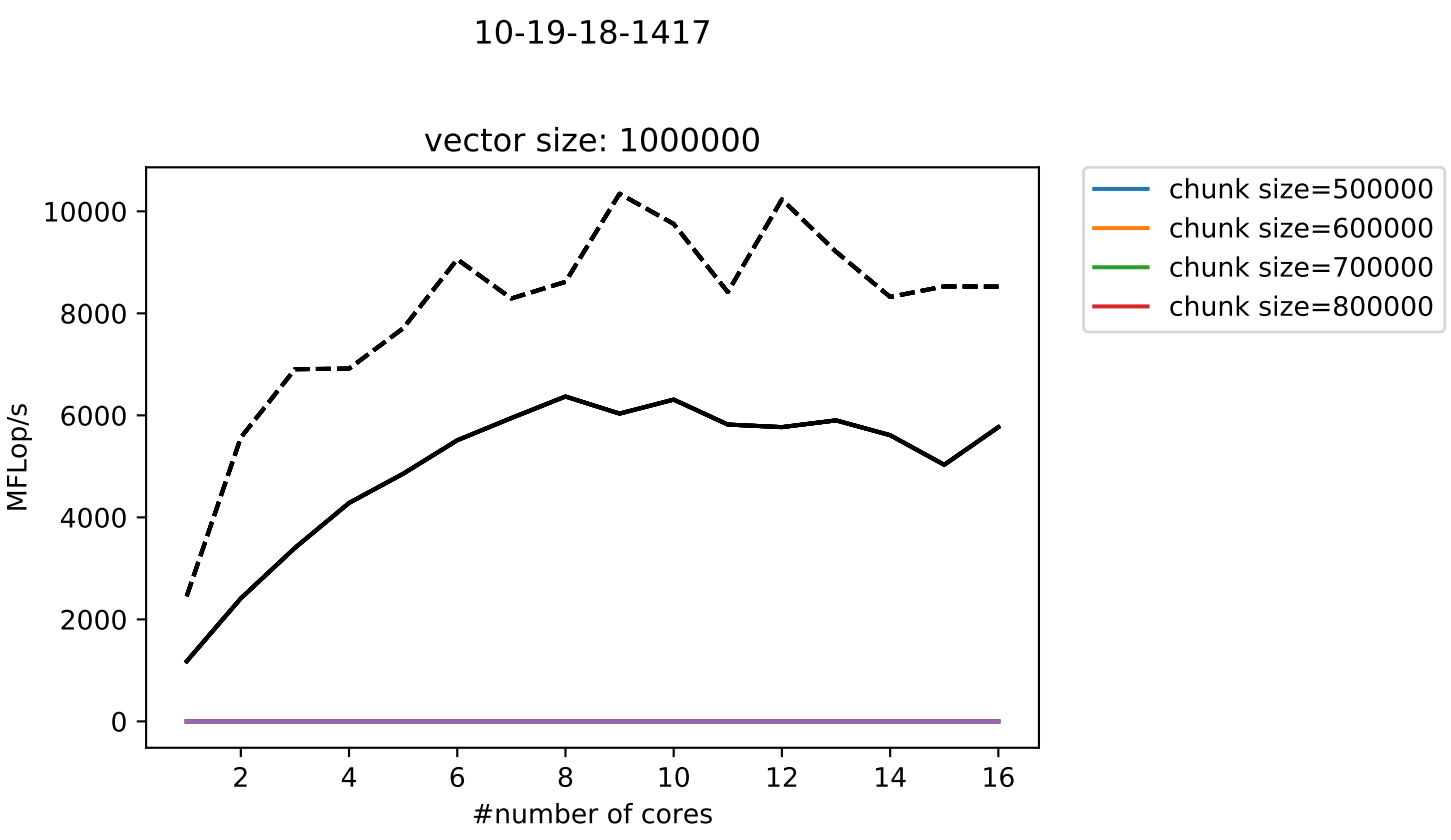
#number of cores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MFLop/s
10000
8000
6000
4000
2000
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2
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10
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14
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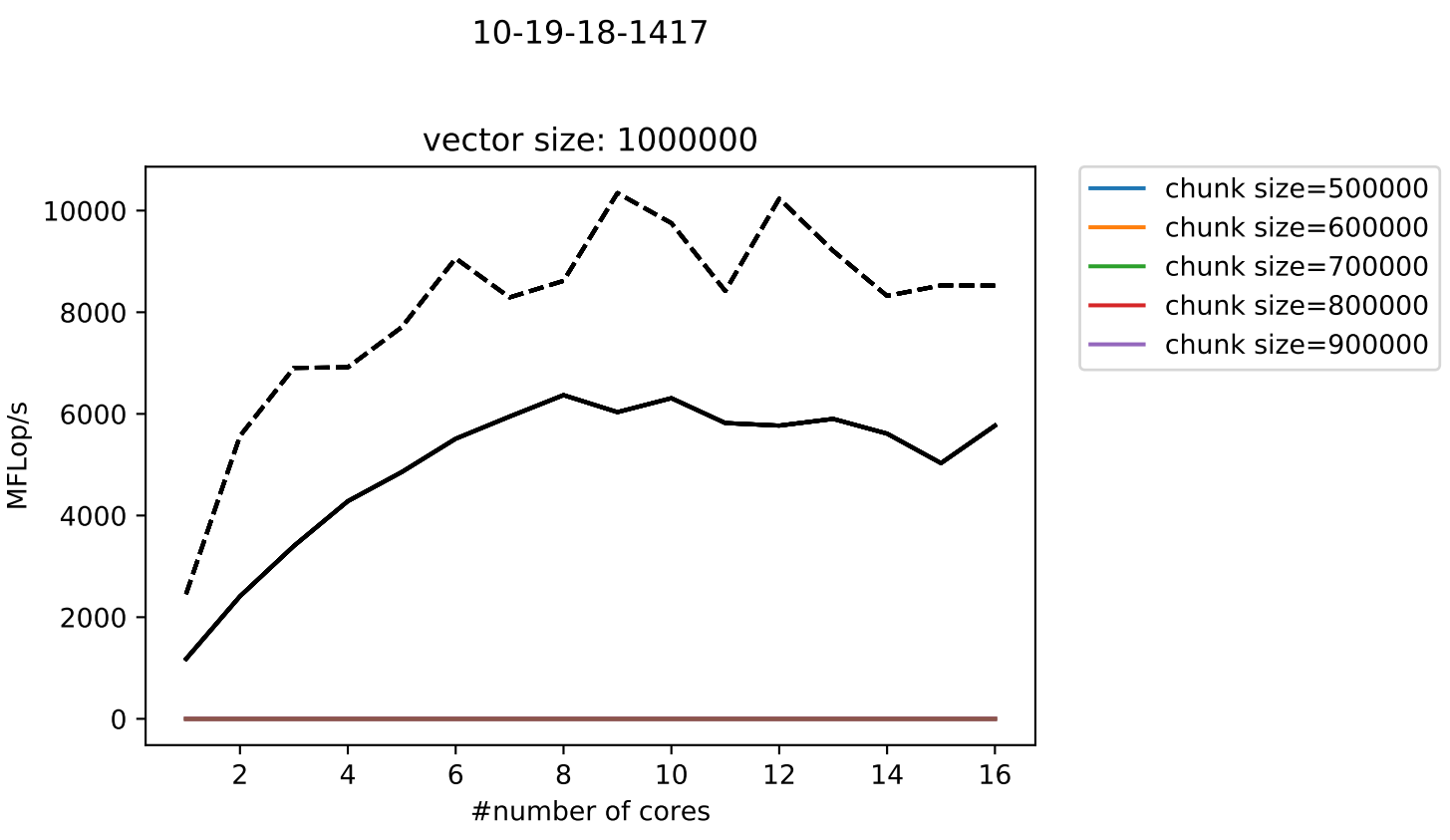
#number of cores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vector size: 1000000
MFLop/s
#number of cores
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6000
8000
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chunk size=500000
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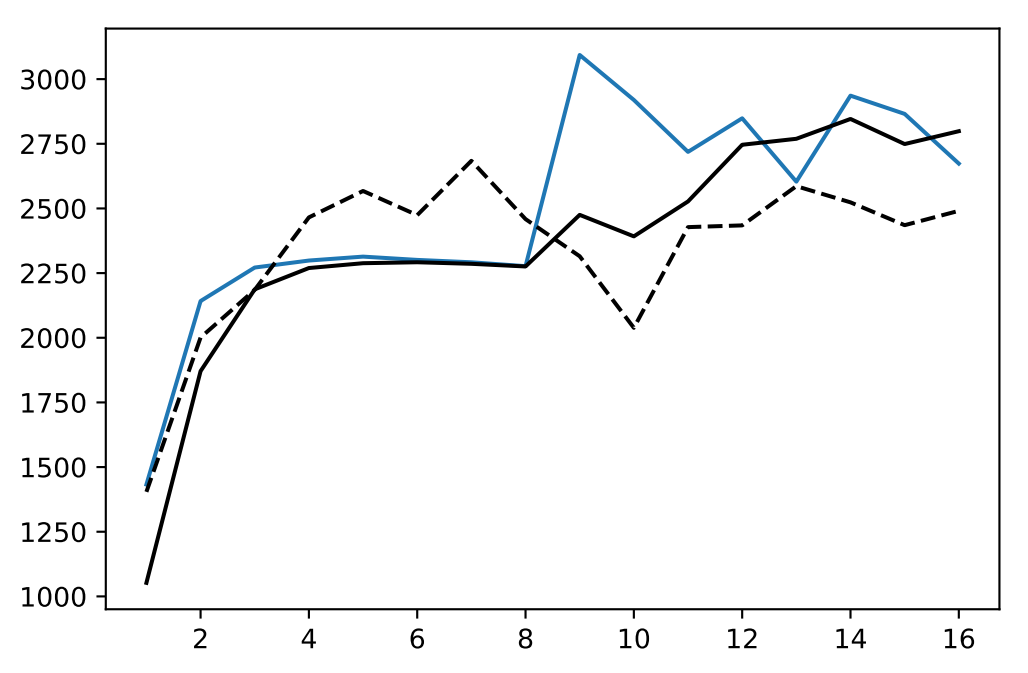
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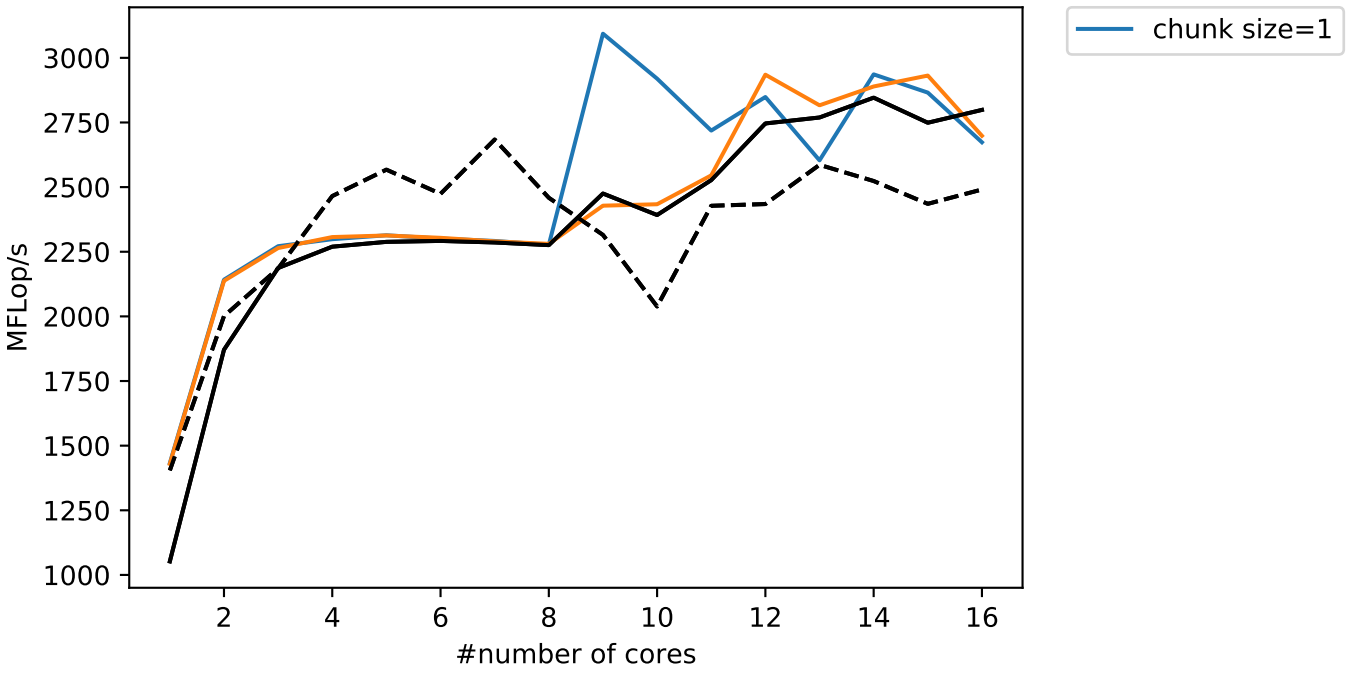
16

10-19-18-1417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MFLop/s
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2750
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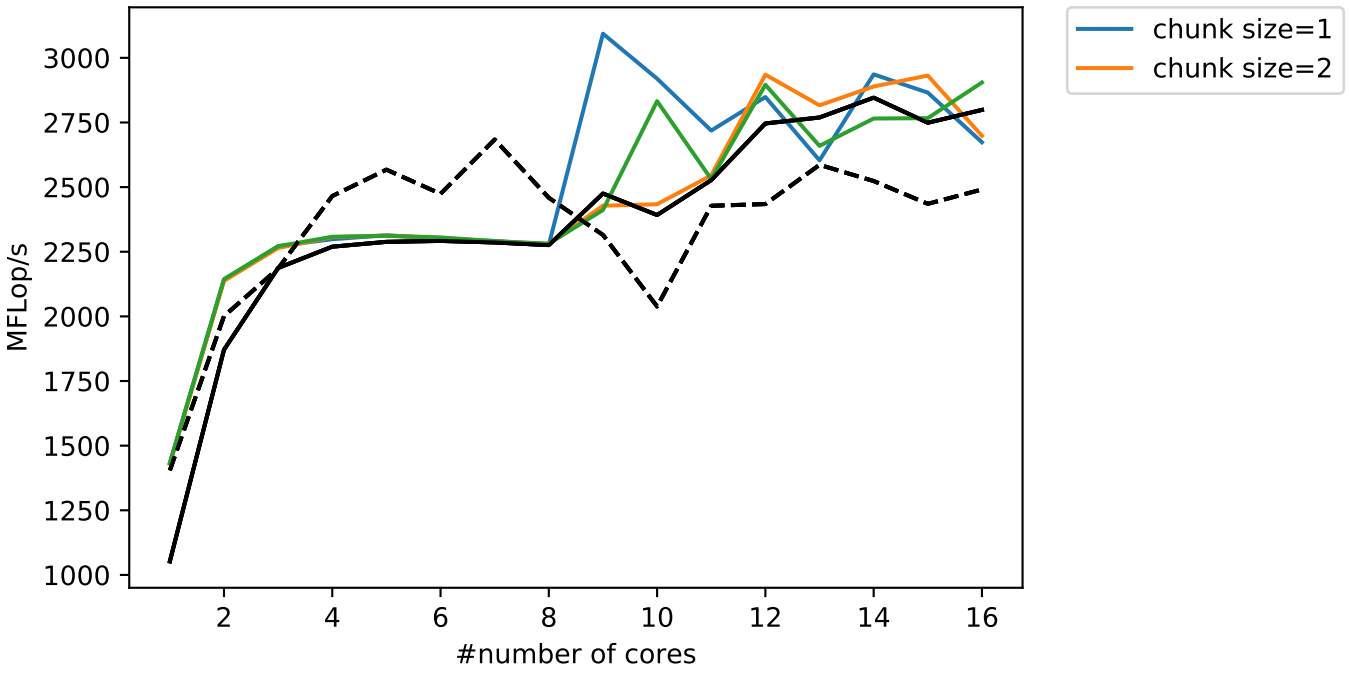
1250
1000
2
4
6
8
10
12
14
16
#number of cores

10-19-18-1417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chunk size=2
MFLop/s
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1000
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4
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8
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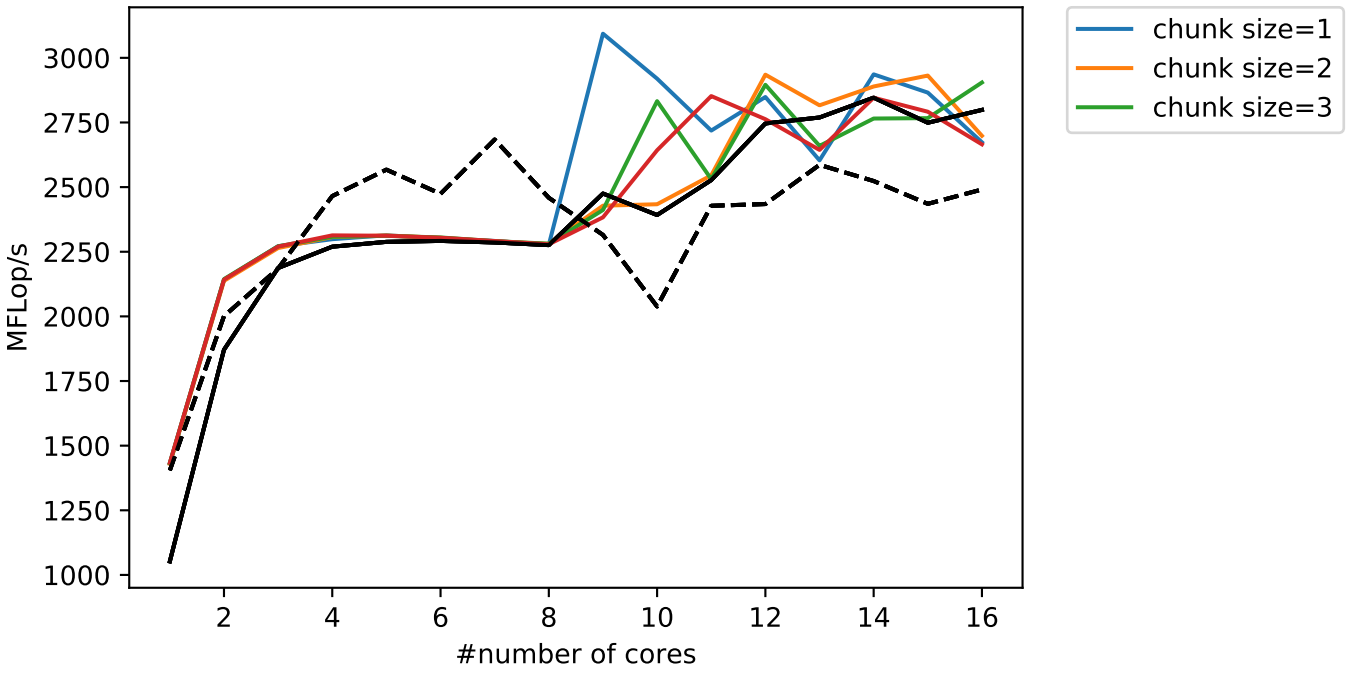
12
14
16
#number of cores

10-19-18-1417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chunk size=2
chunk size=3
MFLop/s
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1250
1000
2
4
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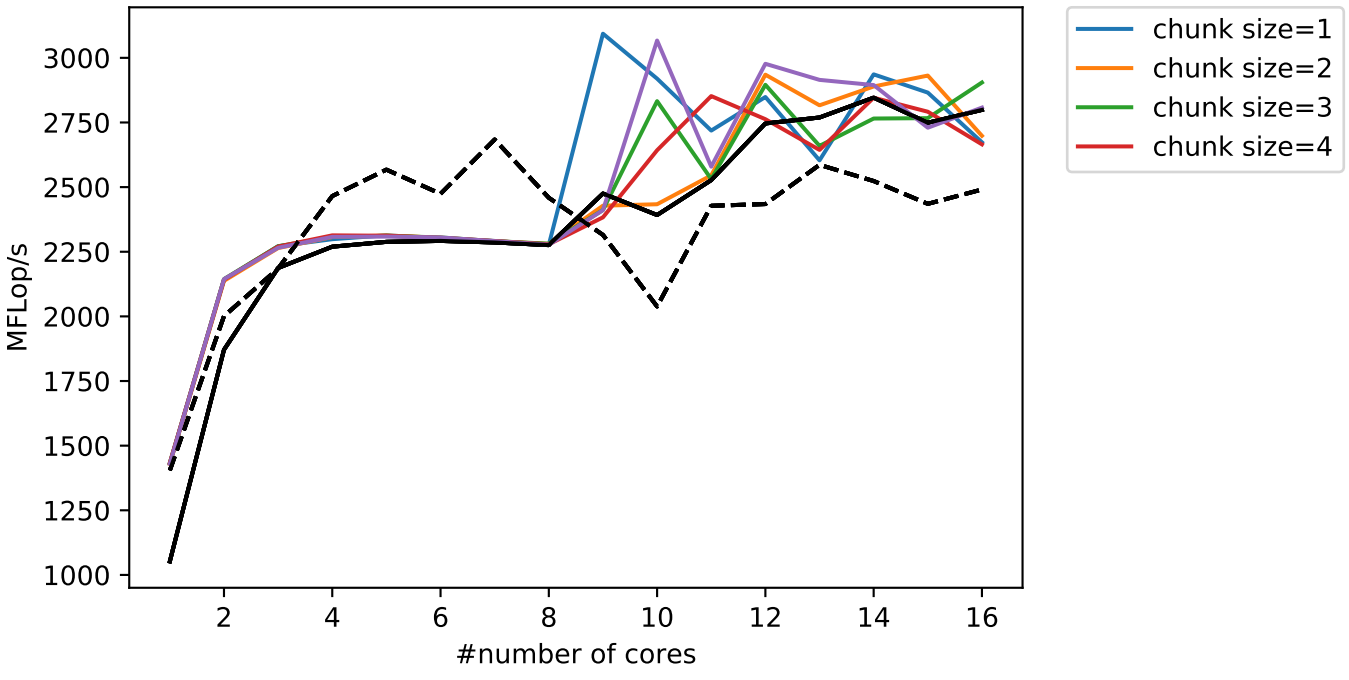
10
12
14
16
#number of cores

10-19-18-1417


vector size: 10000000
MFLop/s
#number of cores
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chunk size=3
chunk size=4
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12
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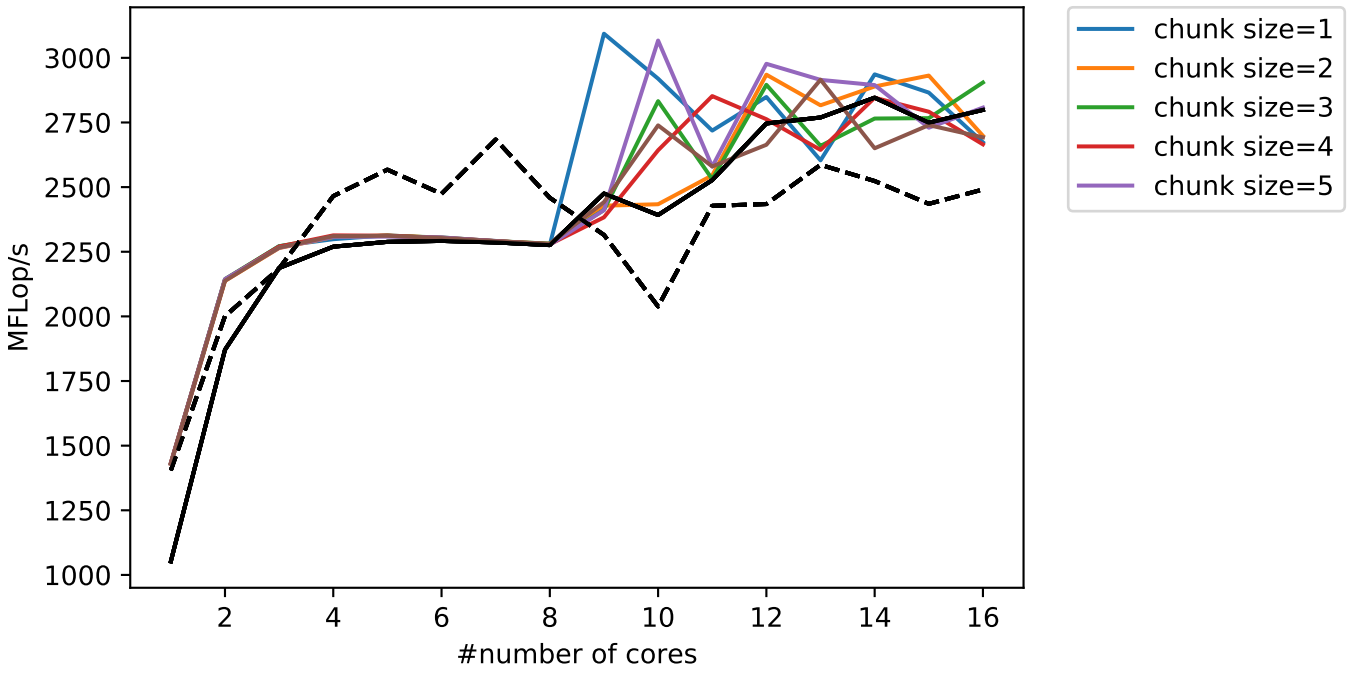
16

10-19-18-1417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MFLop/s
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2750
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2250
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1750
1500
1250
1000
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4
6
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16
#number of cores
chunk size=1
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chunk size=5

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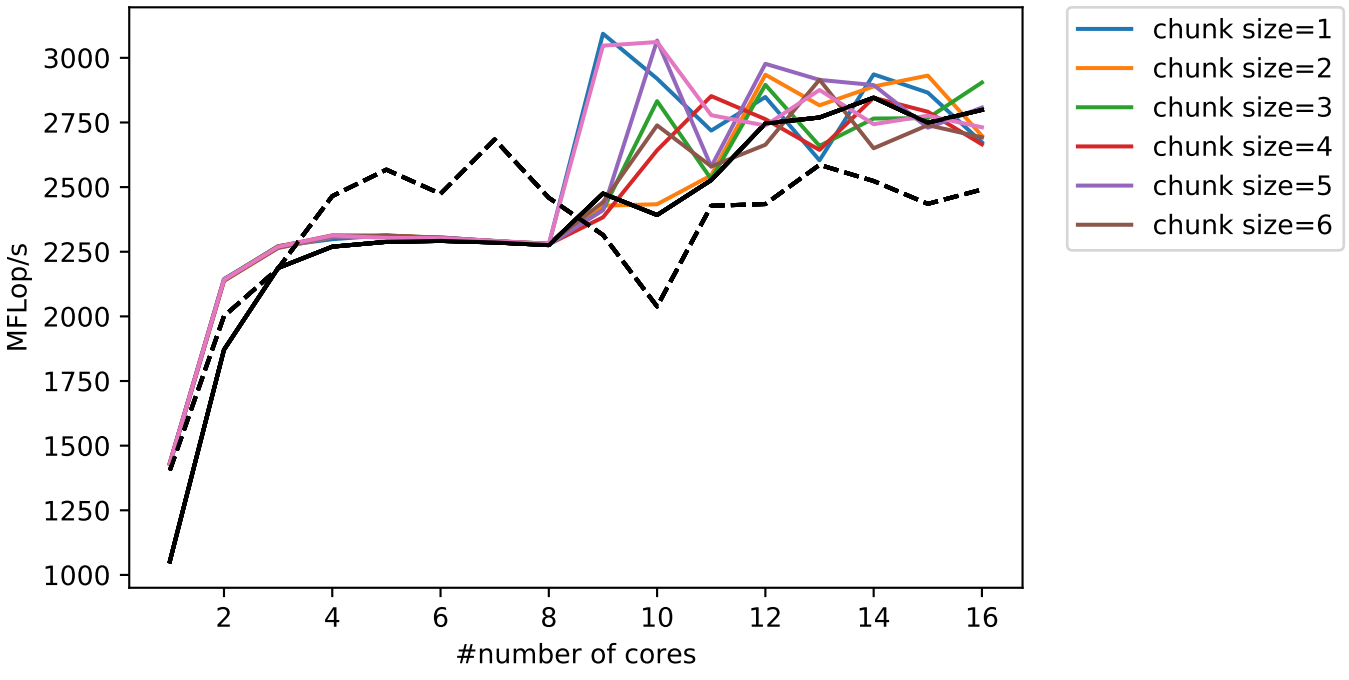
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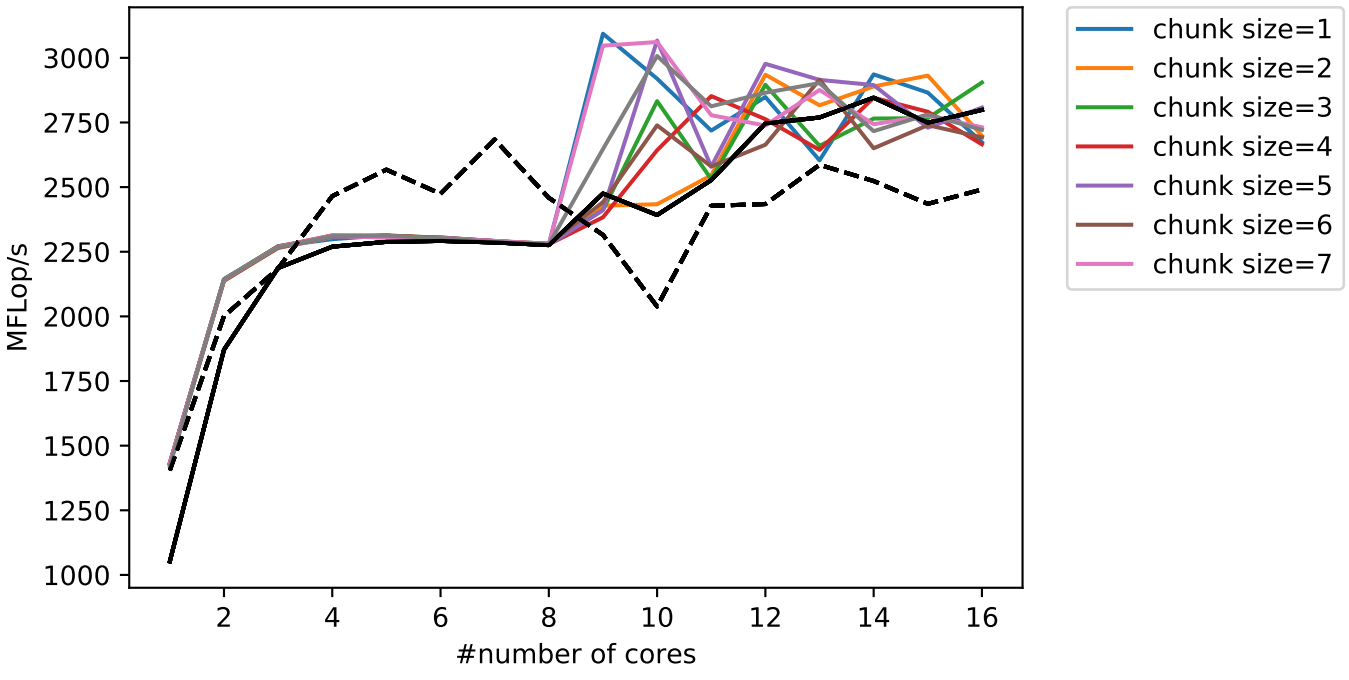
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4
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12
14
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#number of cores
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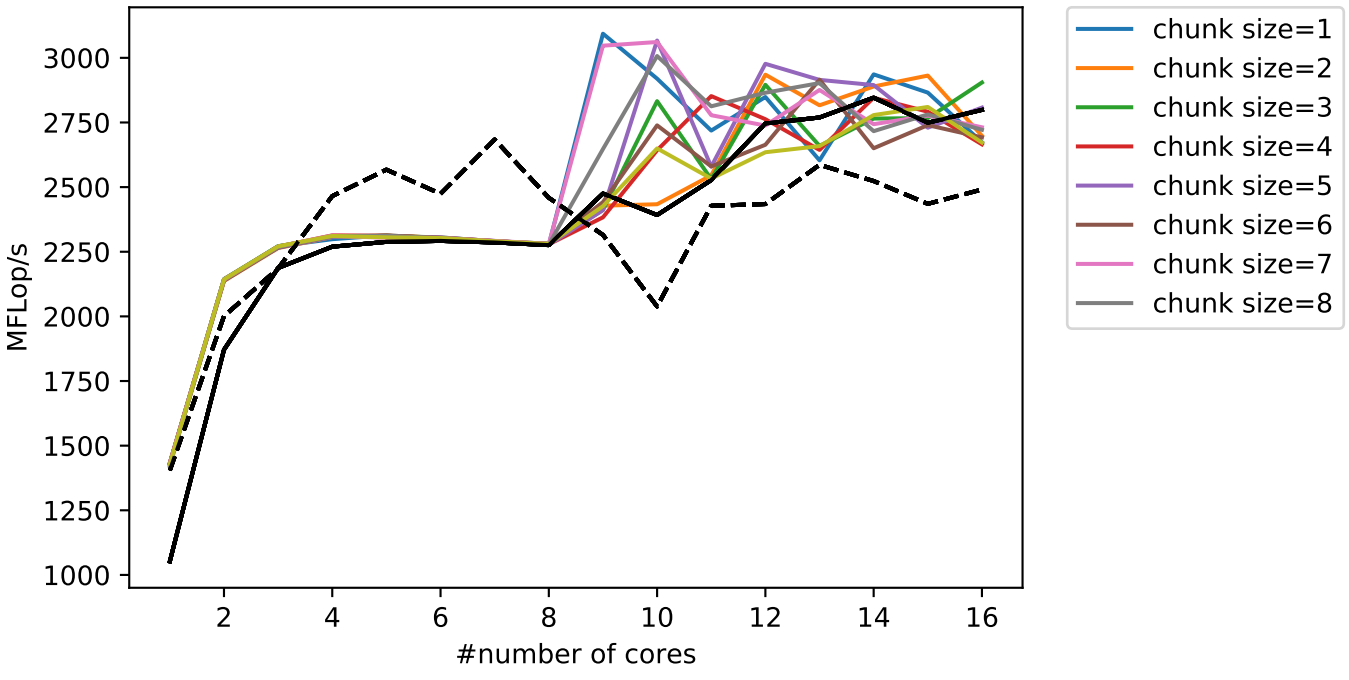
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MFLop/s
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2250
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1750
1500
1250
1000
2
4
6
8
10
12
14
16
#number of cores
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chunk size=5
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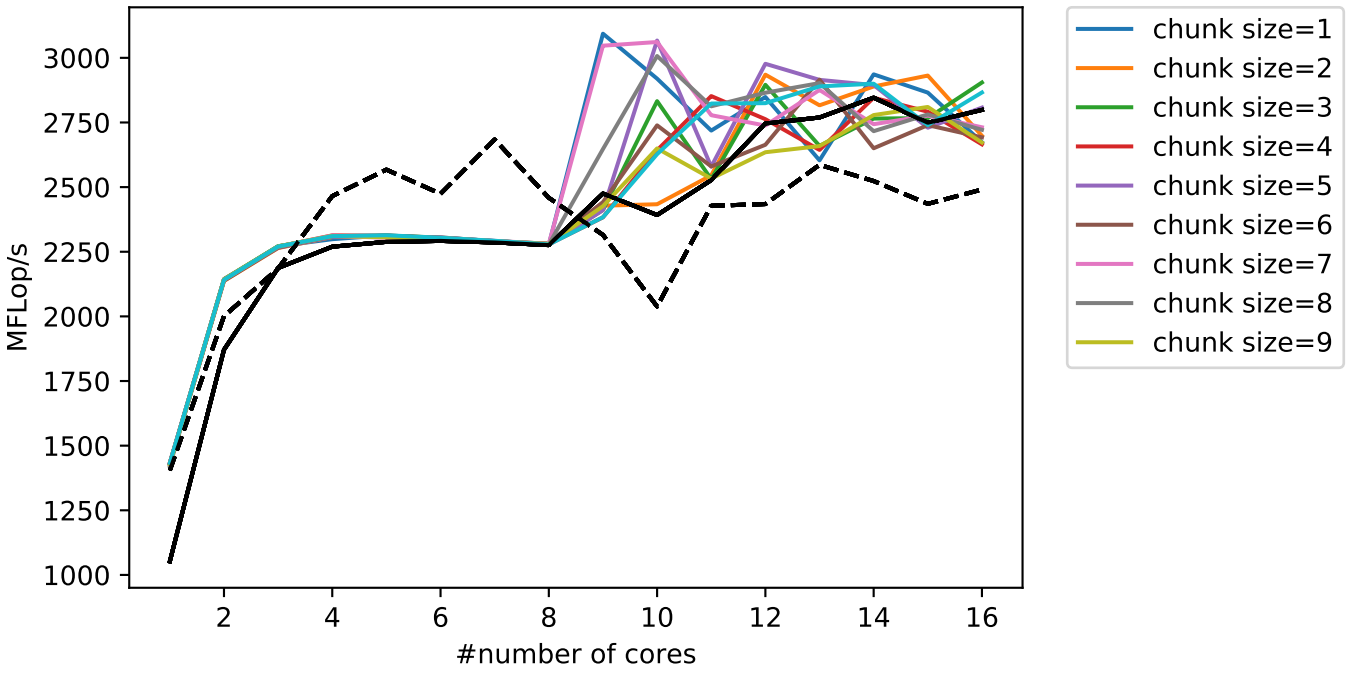
10-19-18-1417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12
14
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#number of cores
chunk size=1
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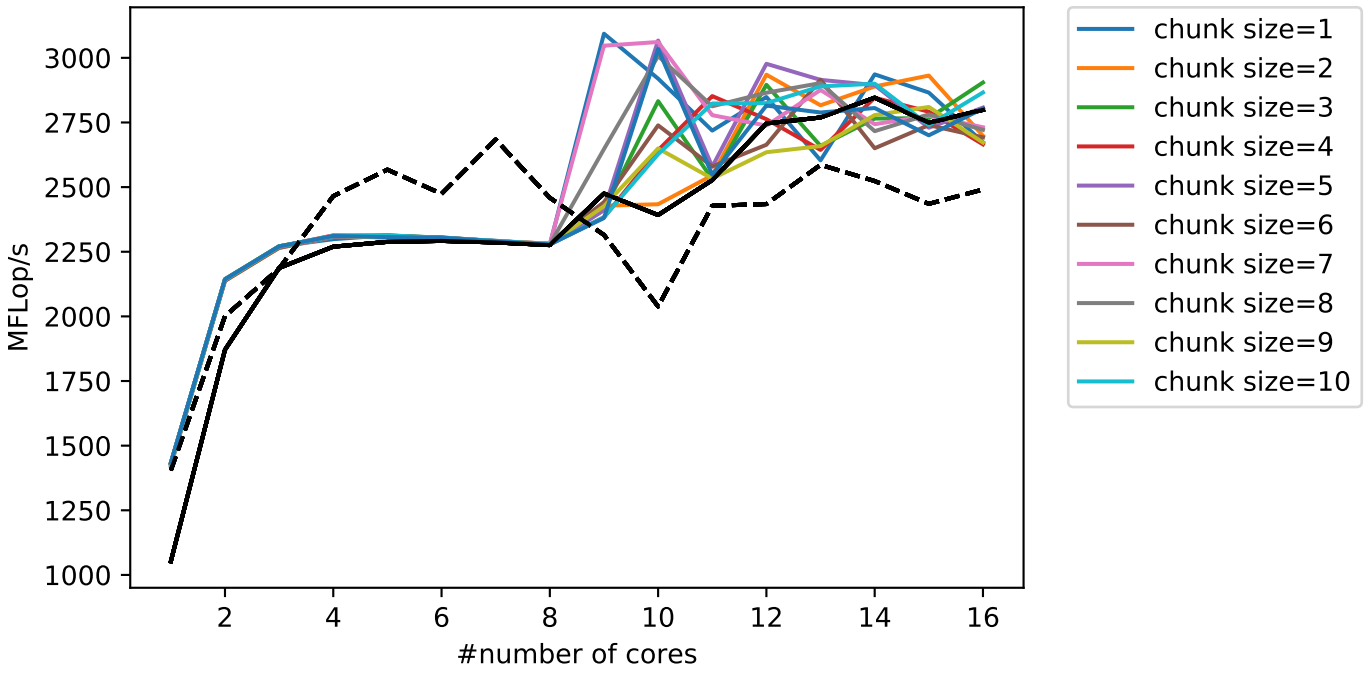
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8
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12
14
16
#number of cores
chunk size=1
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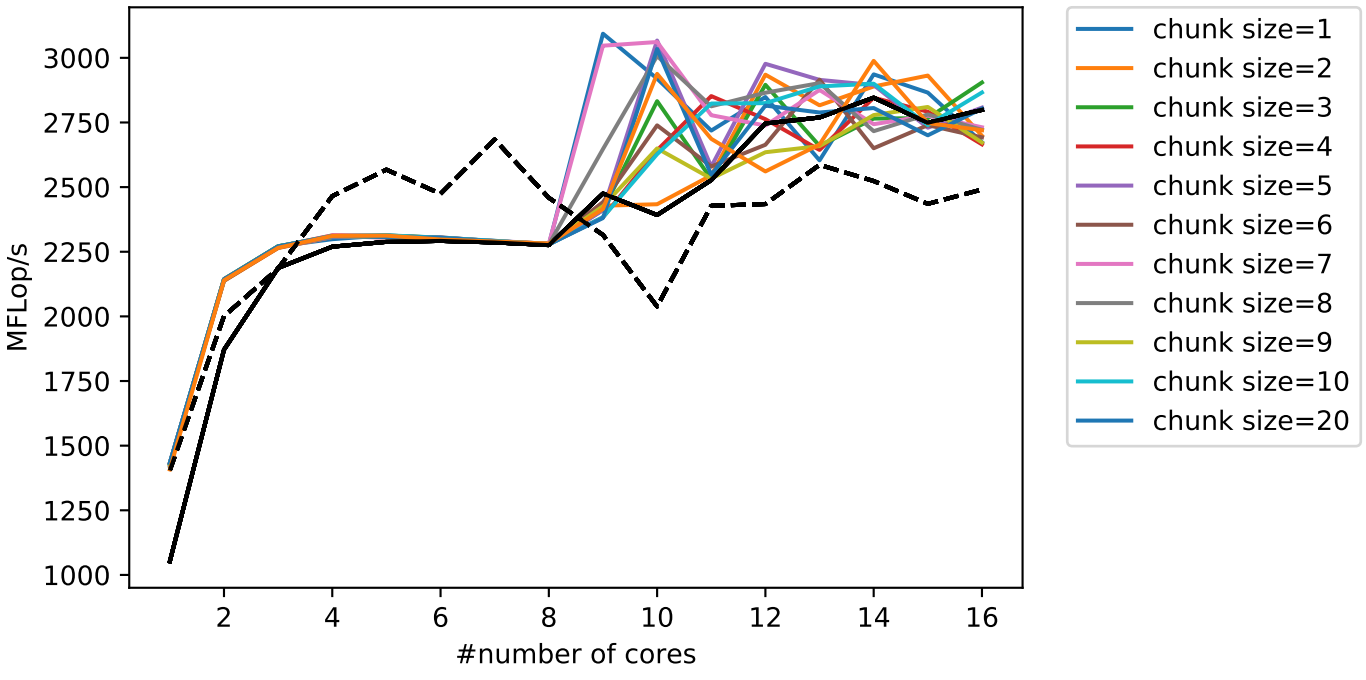
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16
#number of cores
chunk size=1
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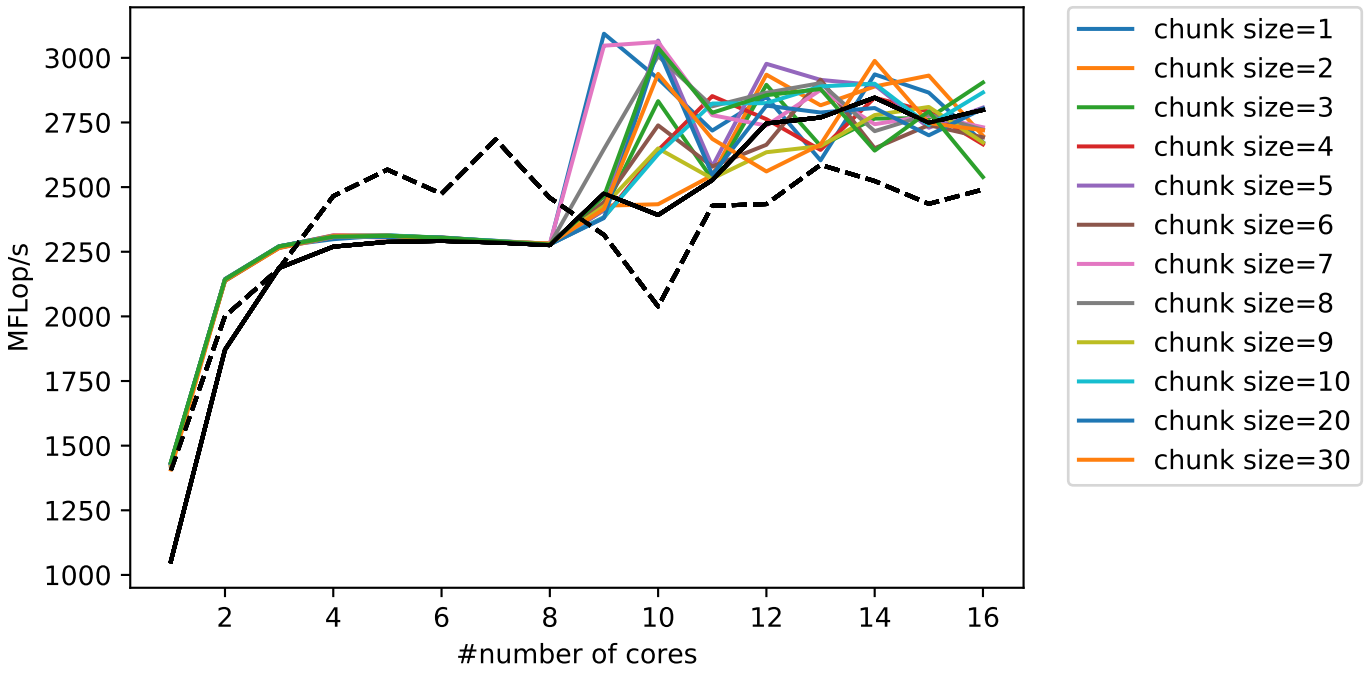
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#number of cores
chunk size=1
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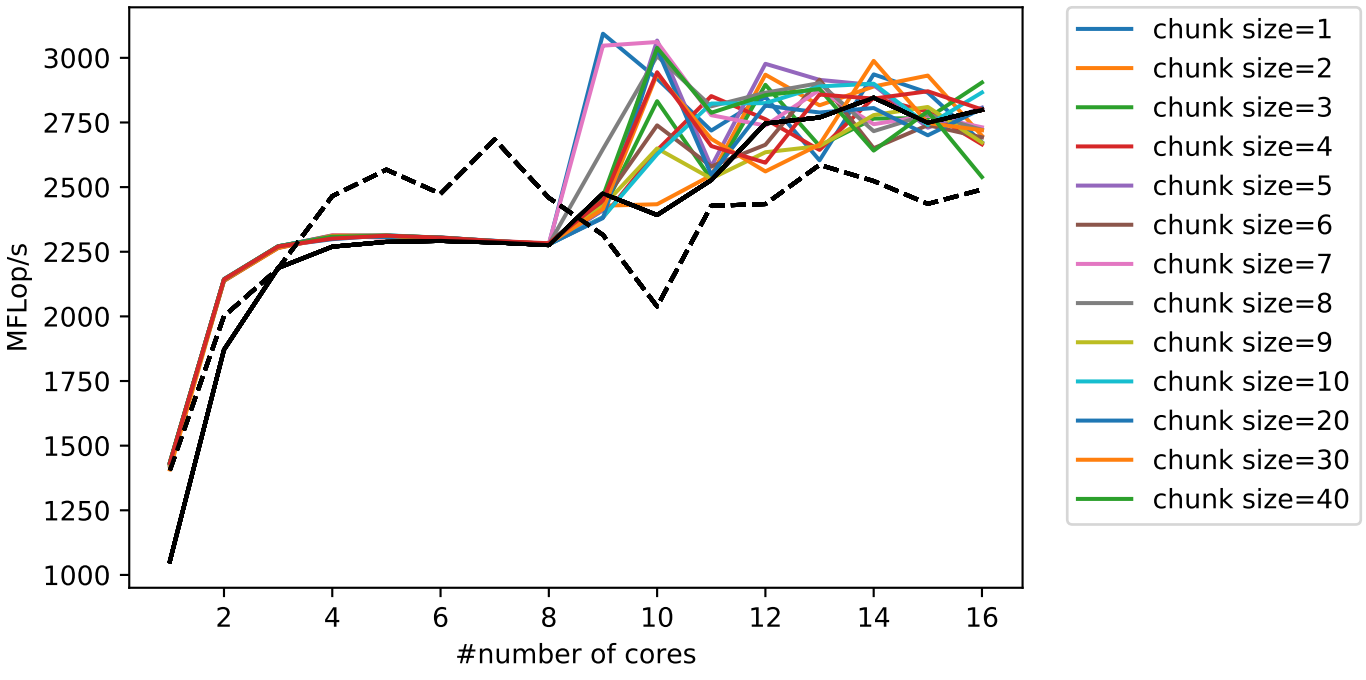
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#number of cores
chunk size=1
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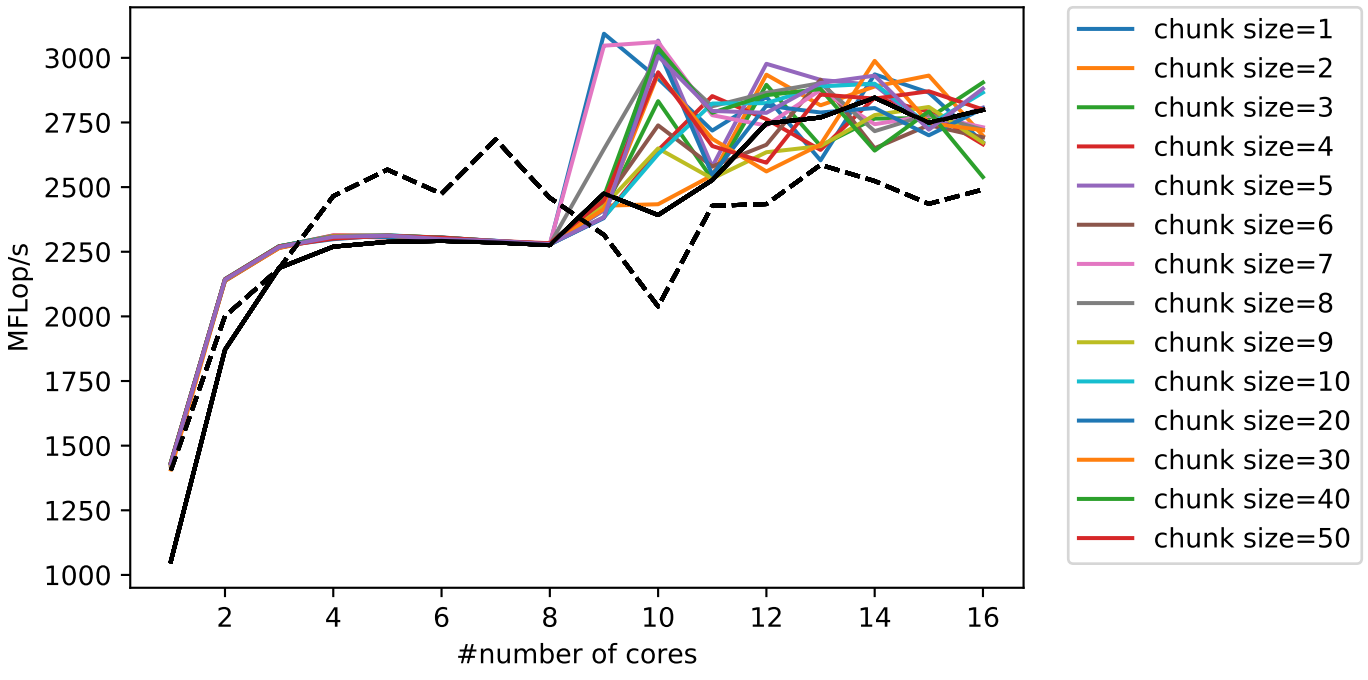
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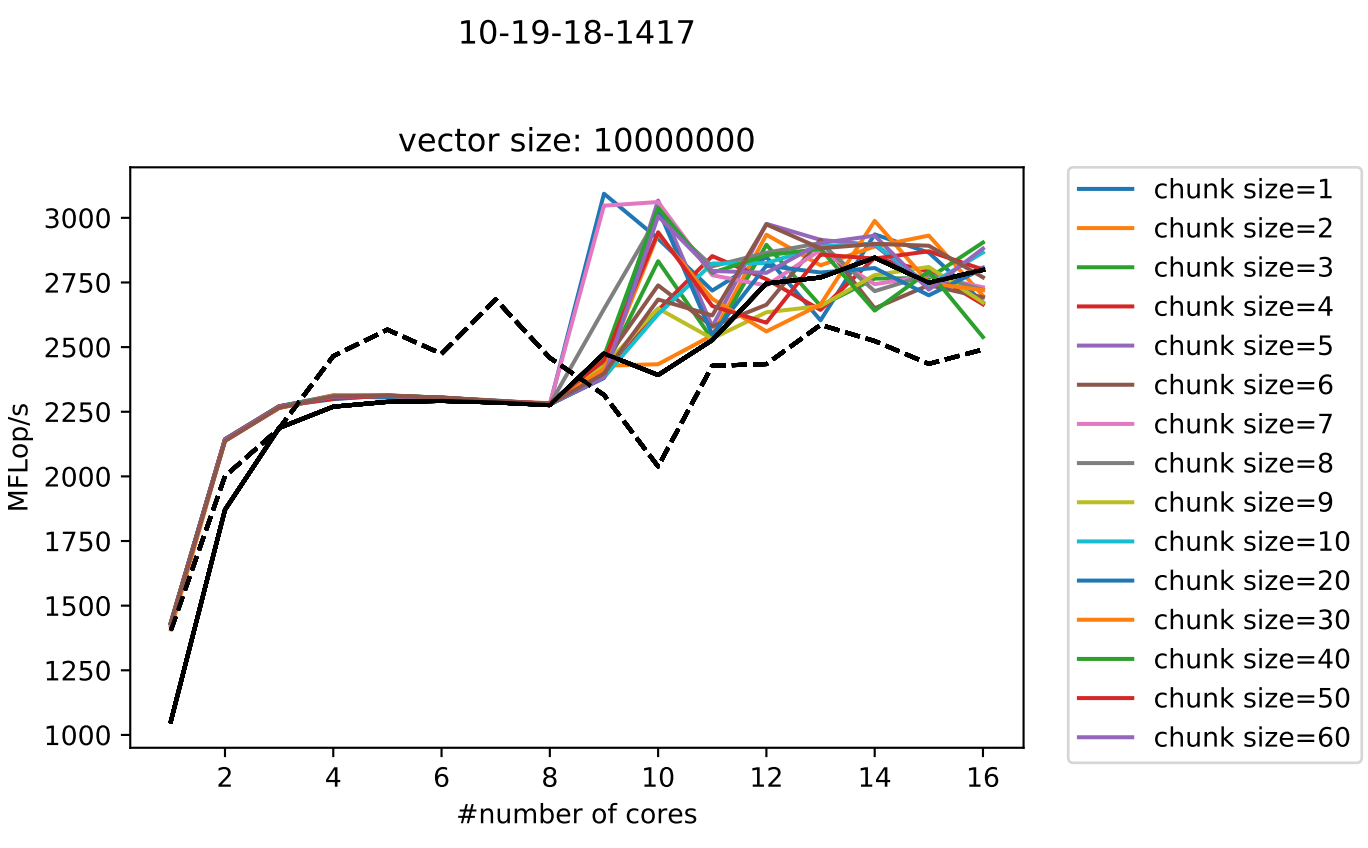
10-19-18-1417
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MFLop/s
#number of cores
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chunk size=1
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chunk size=50
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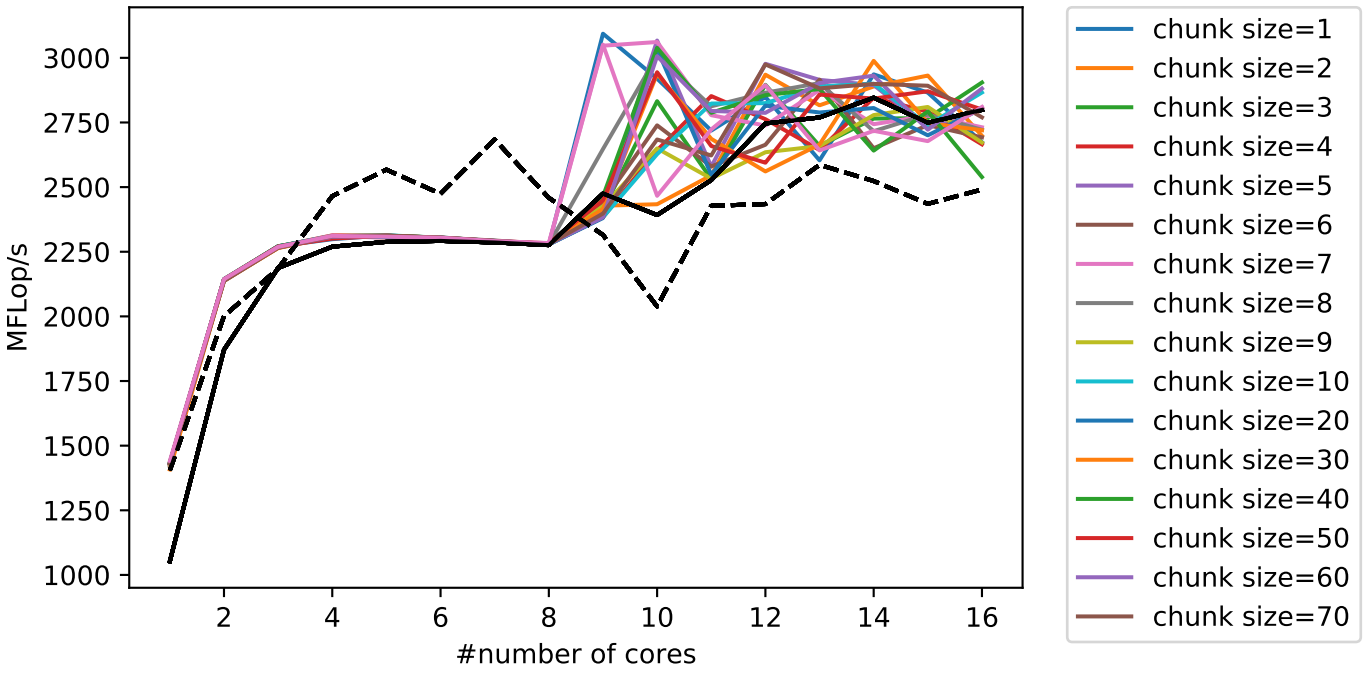
10-19-18-1417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#number of cores
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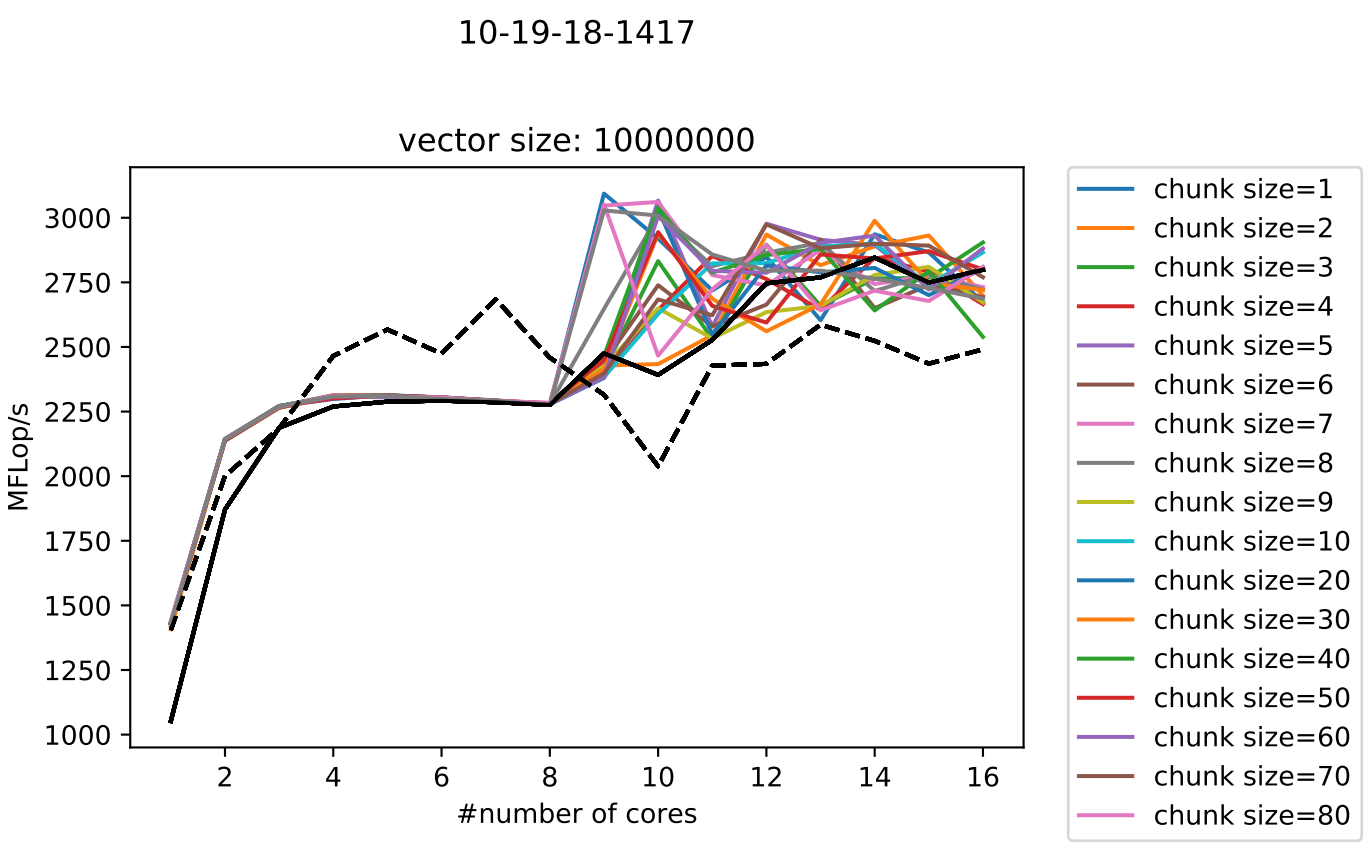
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#number of cores
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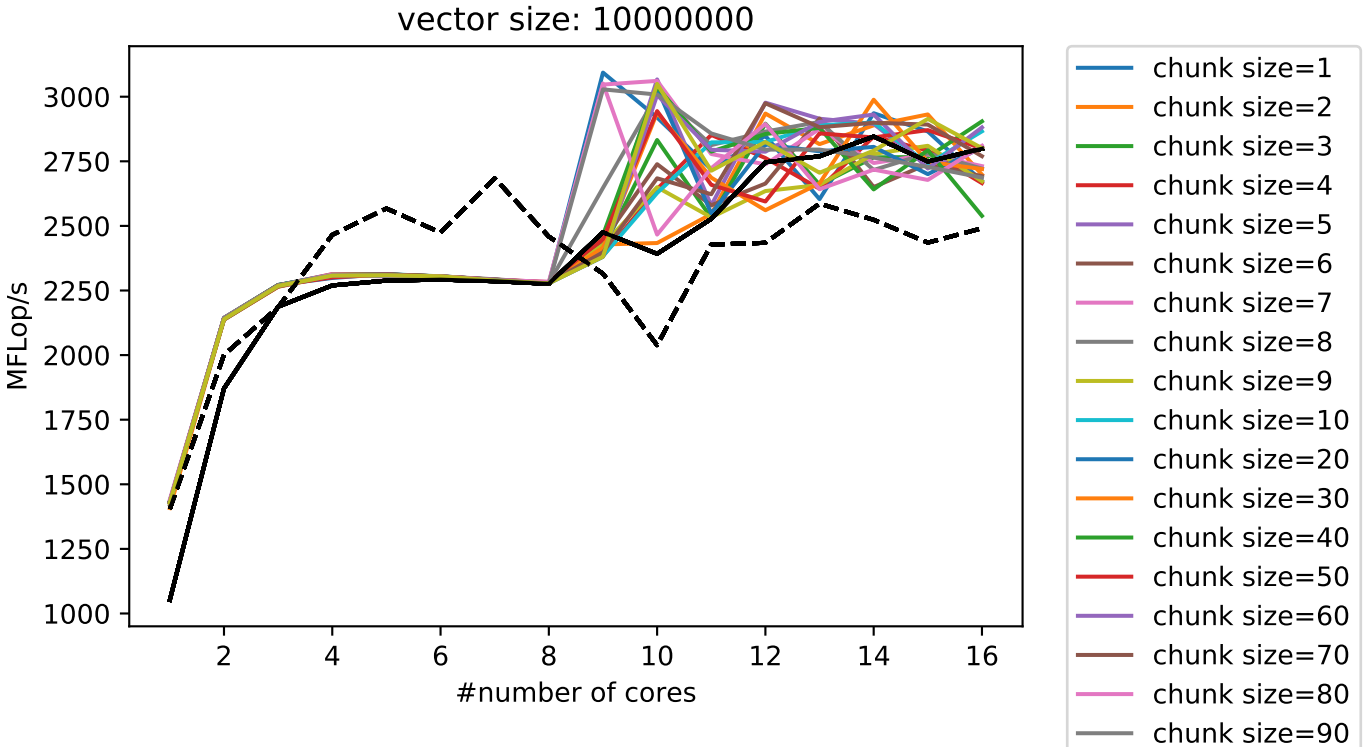
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#number of cores
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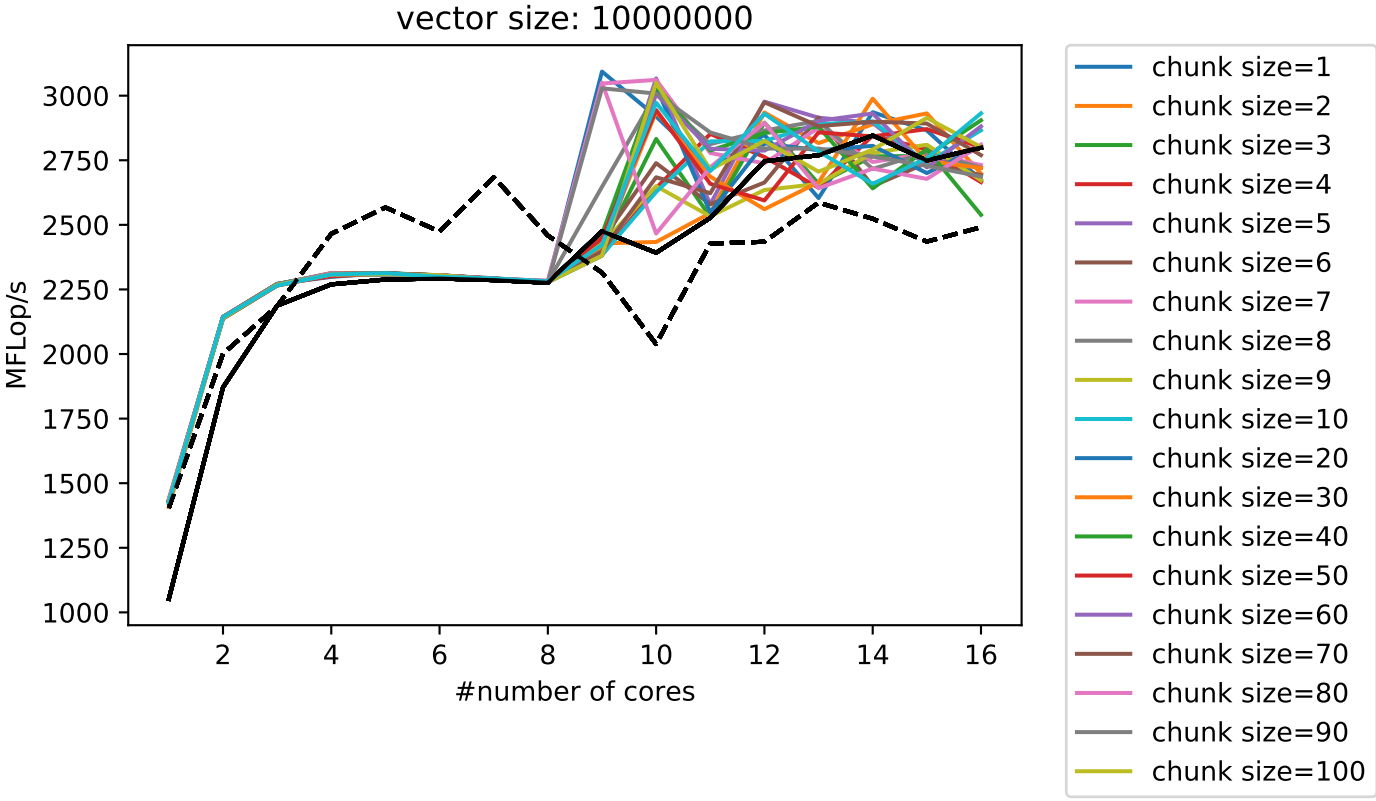
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#number of cores
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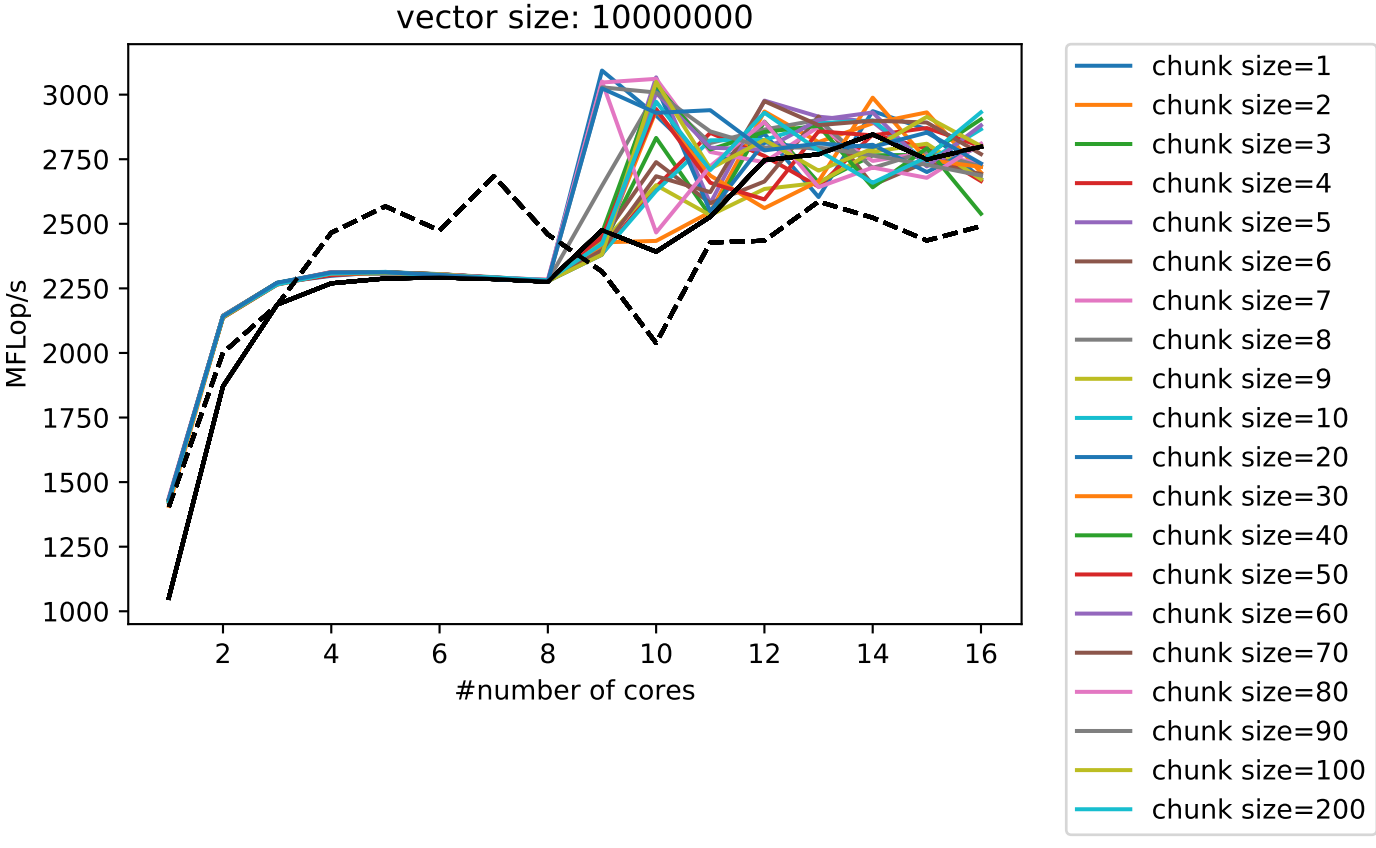
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chunk size=100
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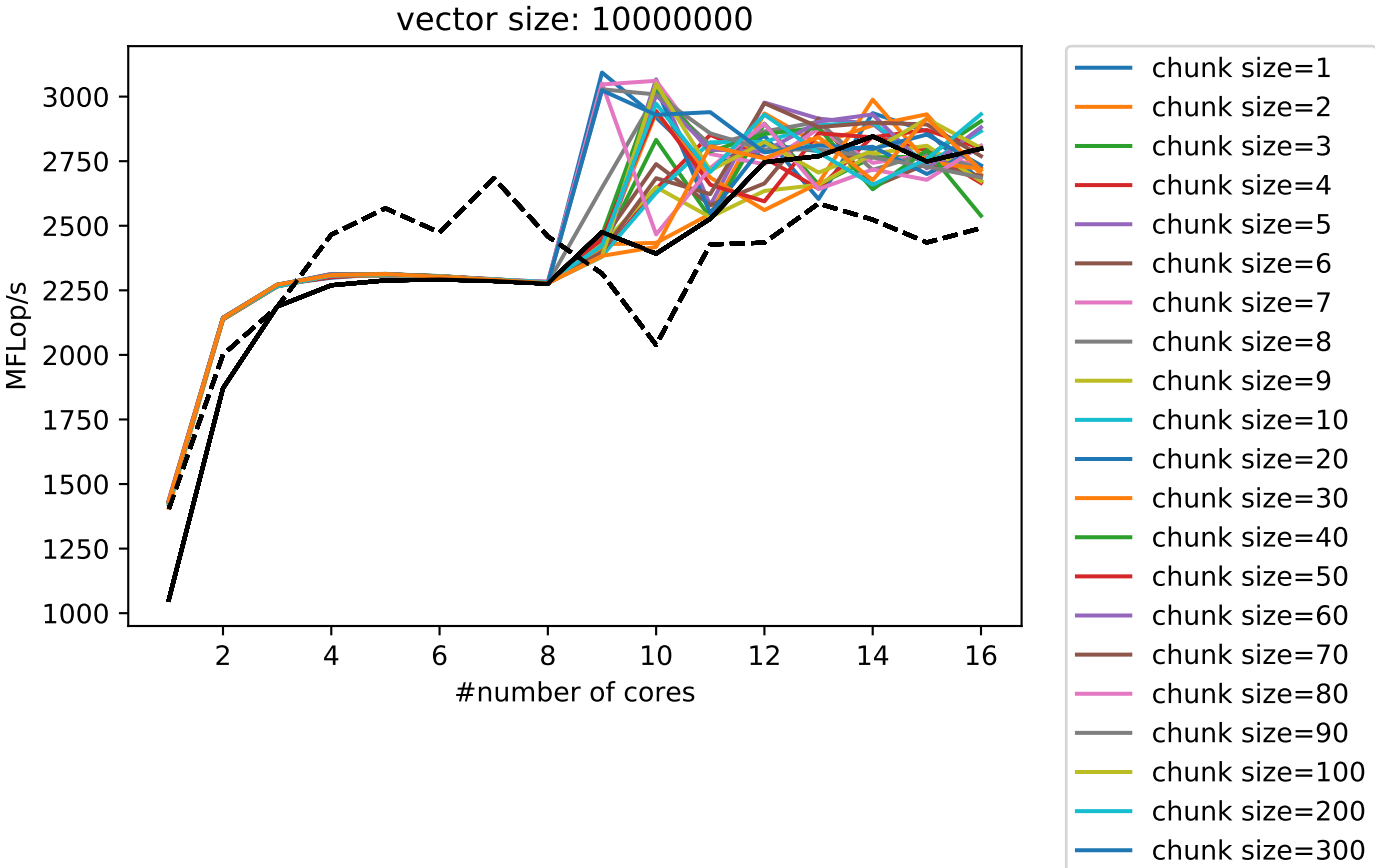
10-19-18-1417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2000
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12
14
16
#number of cores
chunk size=1
chunk size=2
chunk size=3
chunk size=4
chunk size=5
chunk size=6
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chunk size=8
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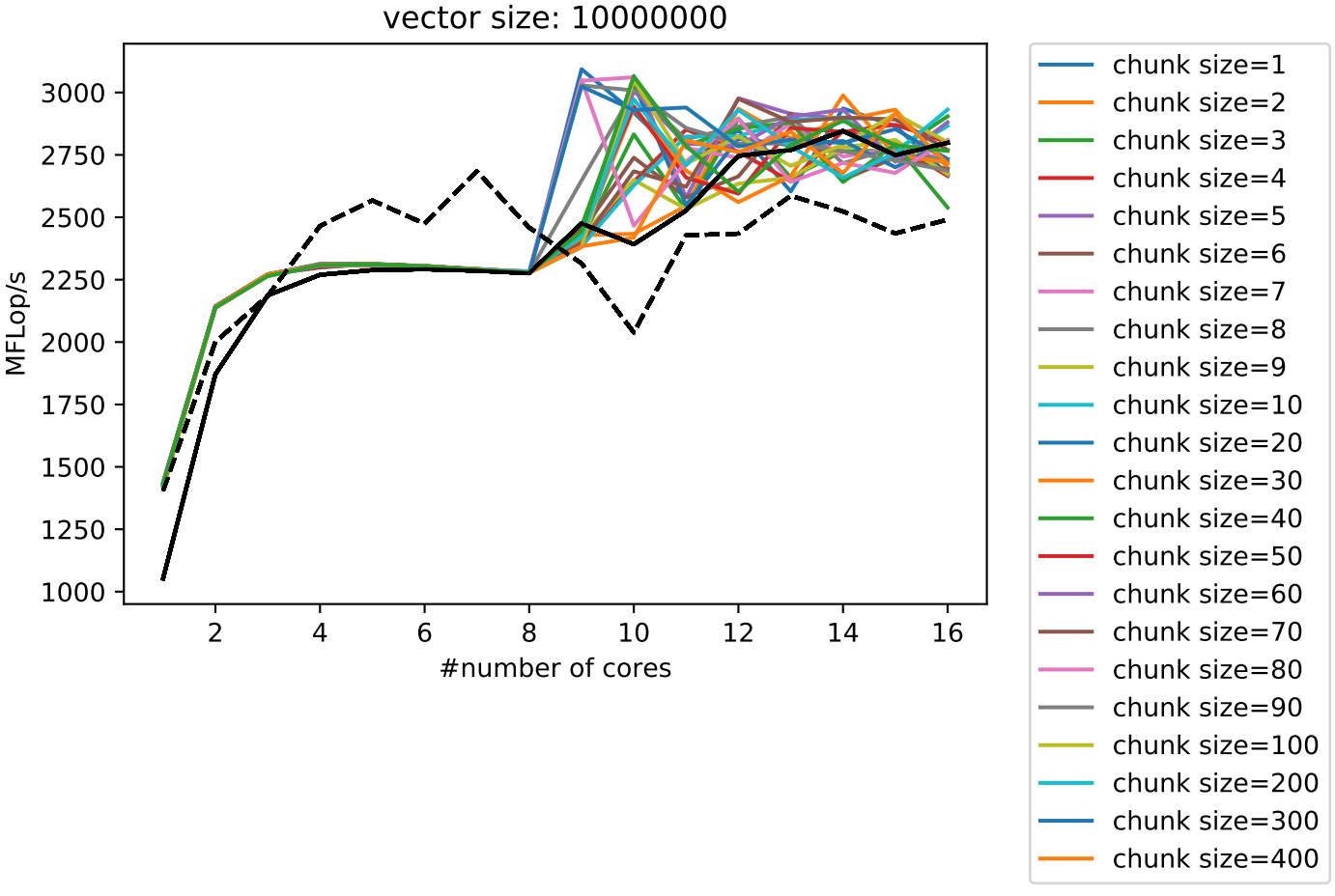
10-19-18-1417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16
#number of cores
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chunk size=2
chunk size=3
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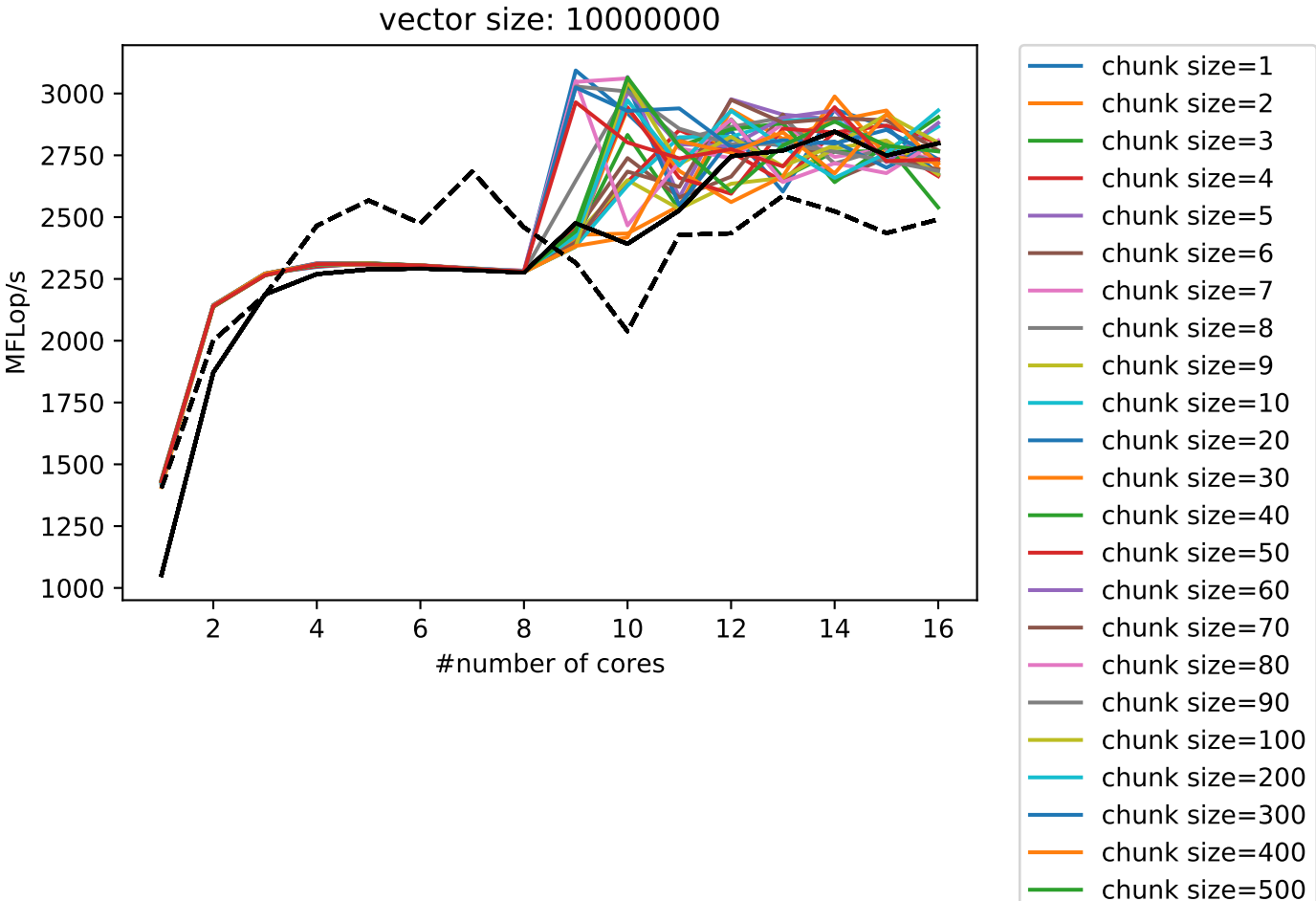
10-19-18-1417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16
#number of cores
chunk size=1
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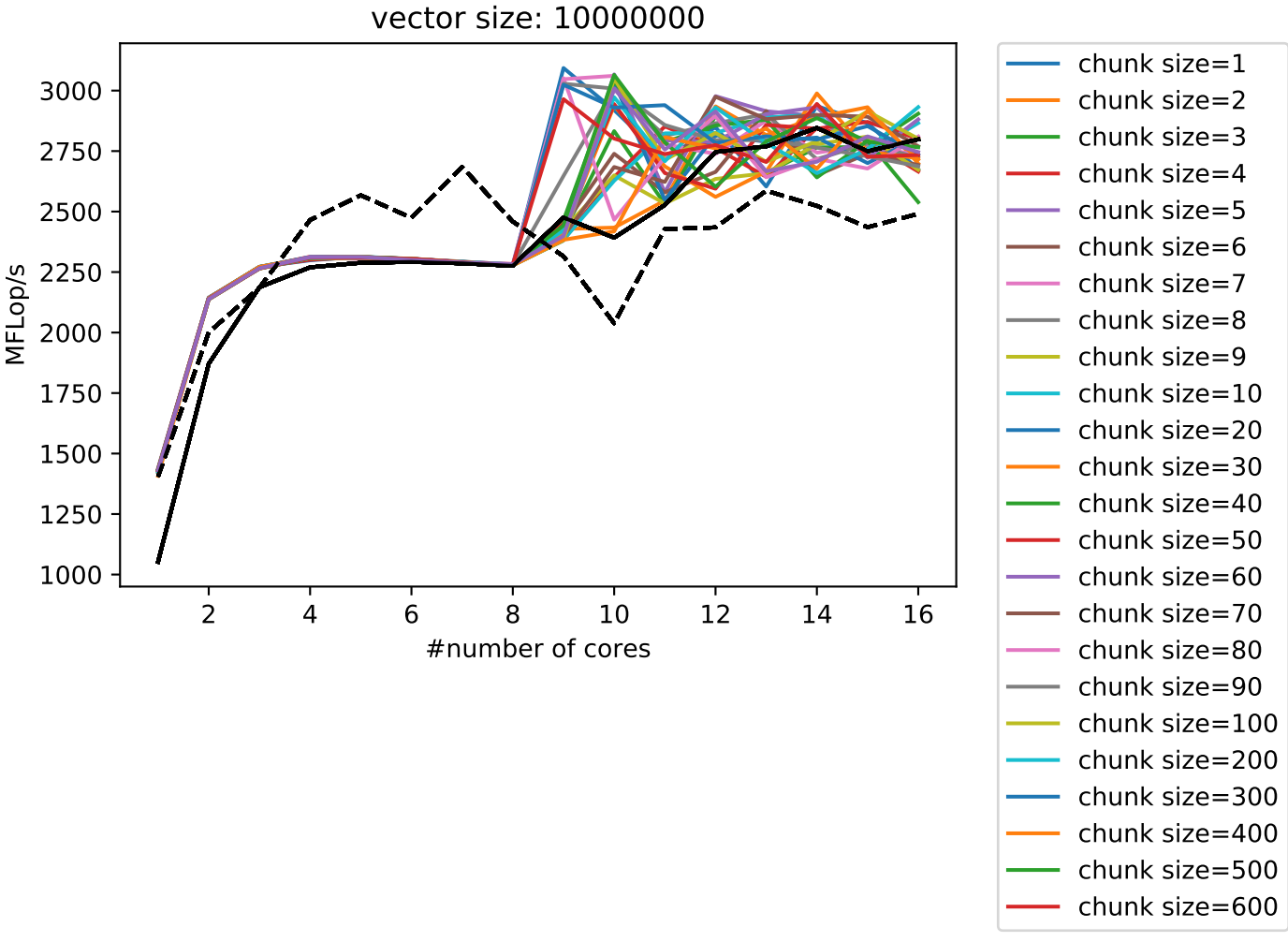
10-19-18-1417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12
14
16
#number of cores
chunk size=1
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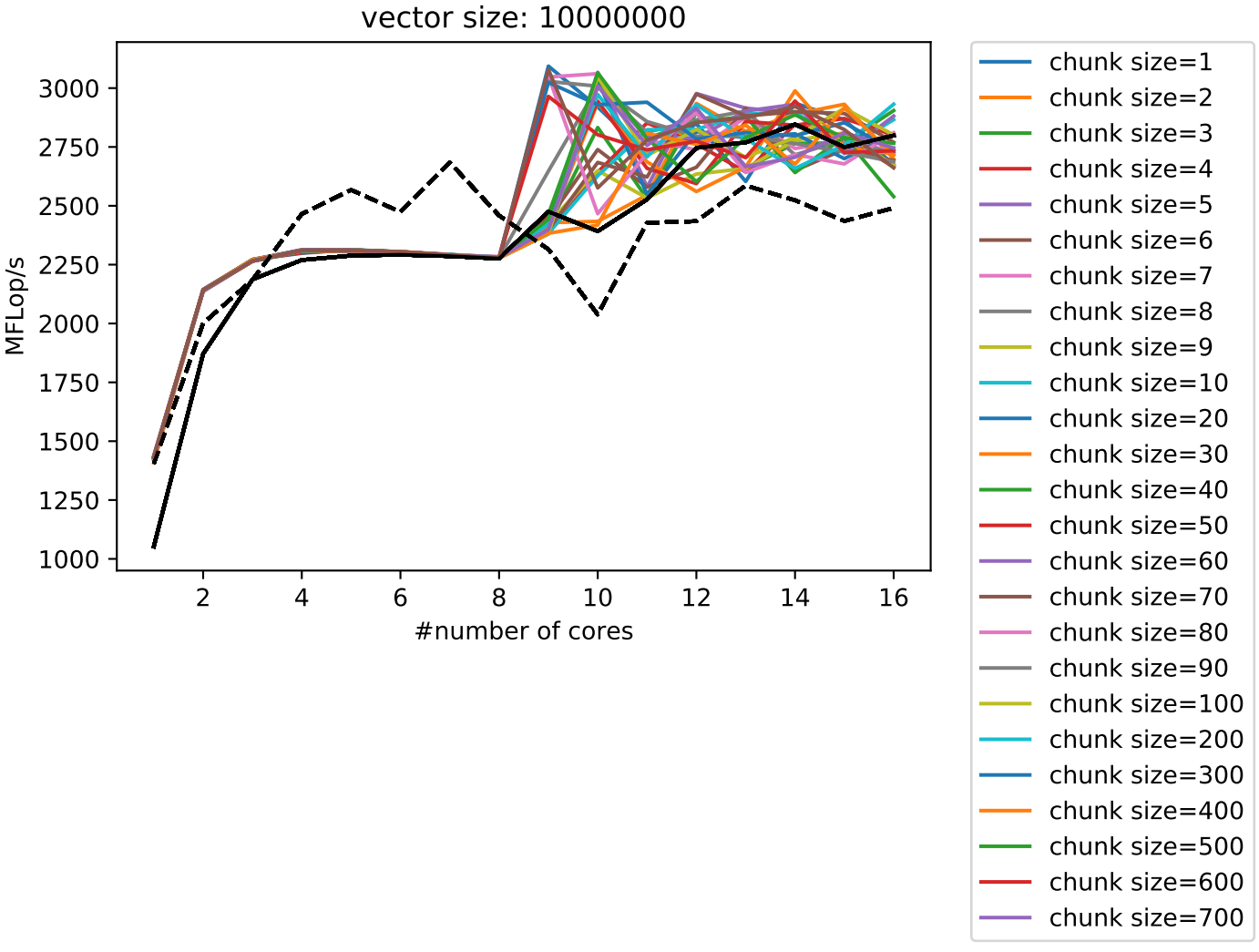
10-19-18-1417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#number of cores
chunk size=1
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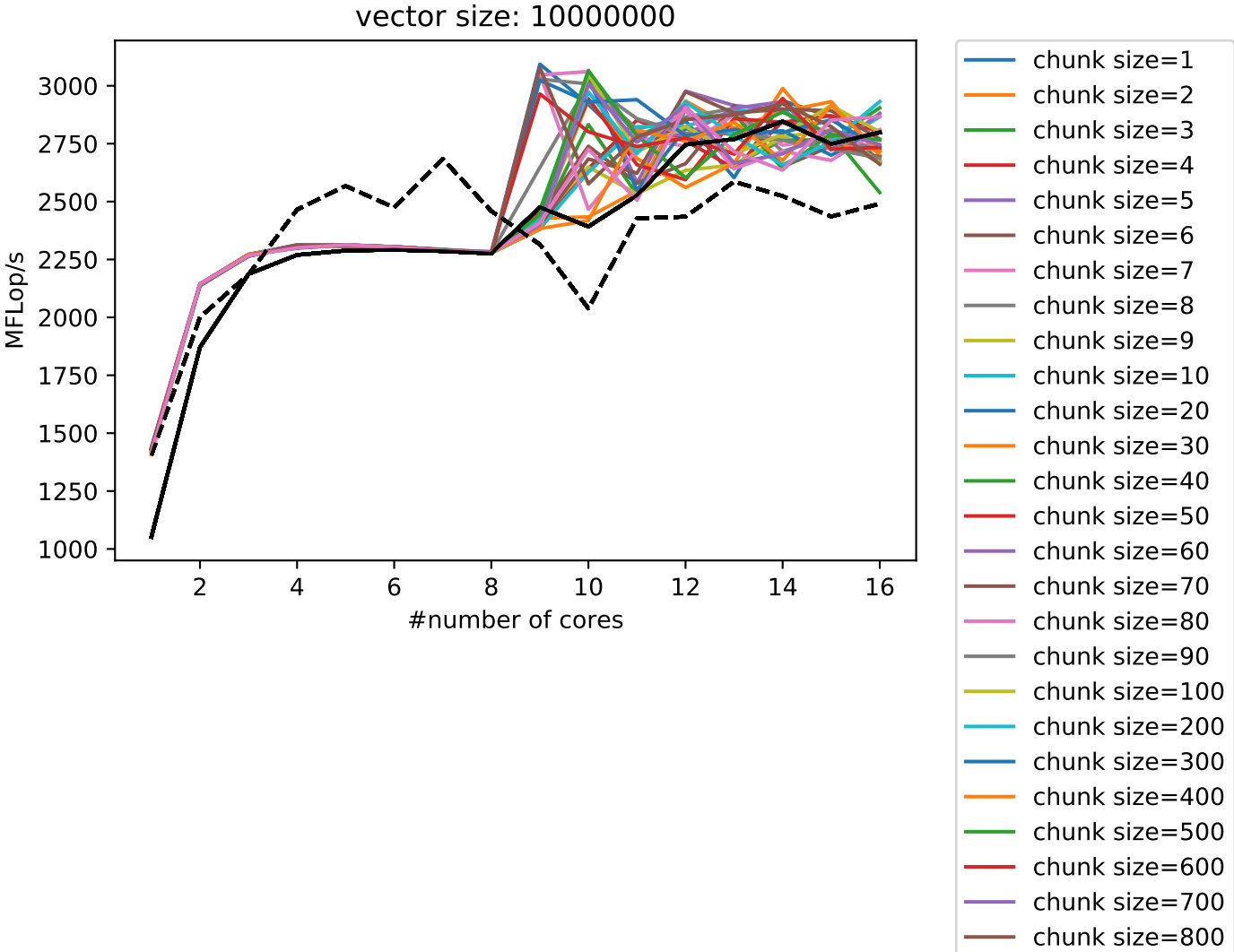
10-19-18-1417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12
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16
#number of cores
chunk size=1
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chunk size=7
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chunk size=10
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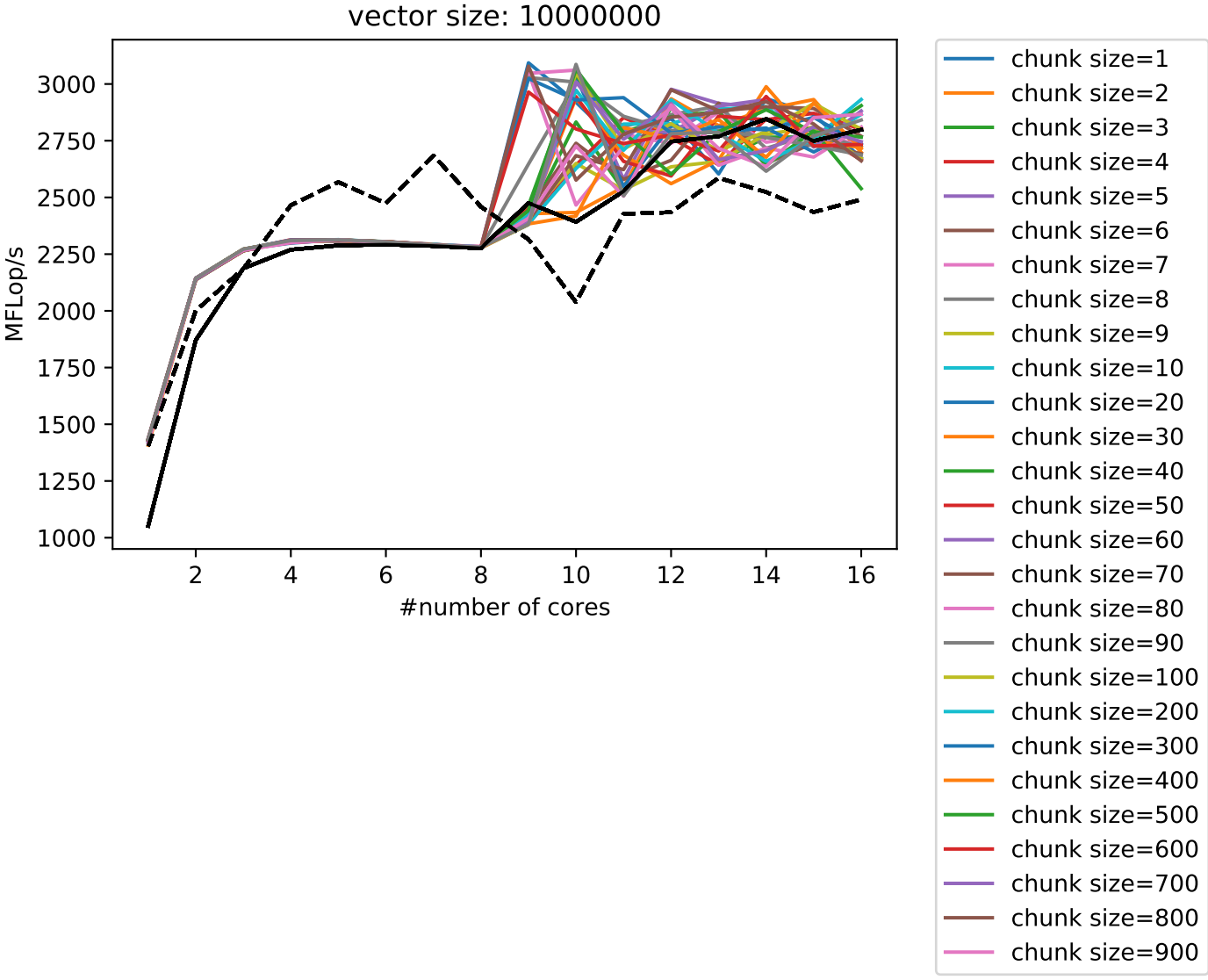
10-19-18-1417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#number of cores
chunk size=1
chunk size=2
chunk size=3
chunk size=4
chunk size=5
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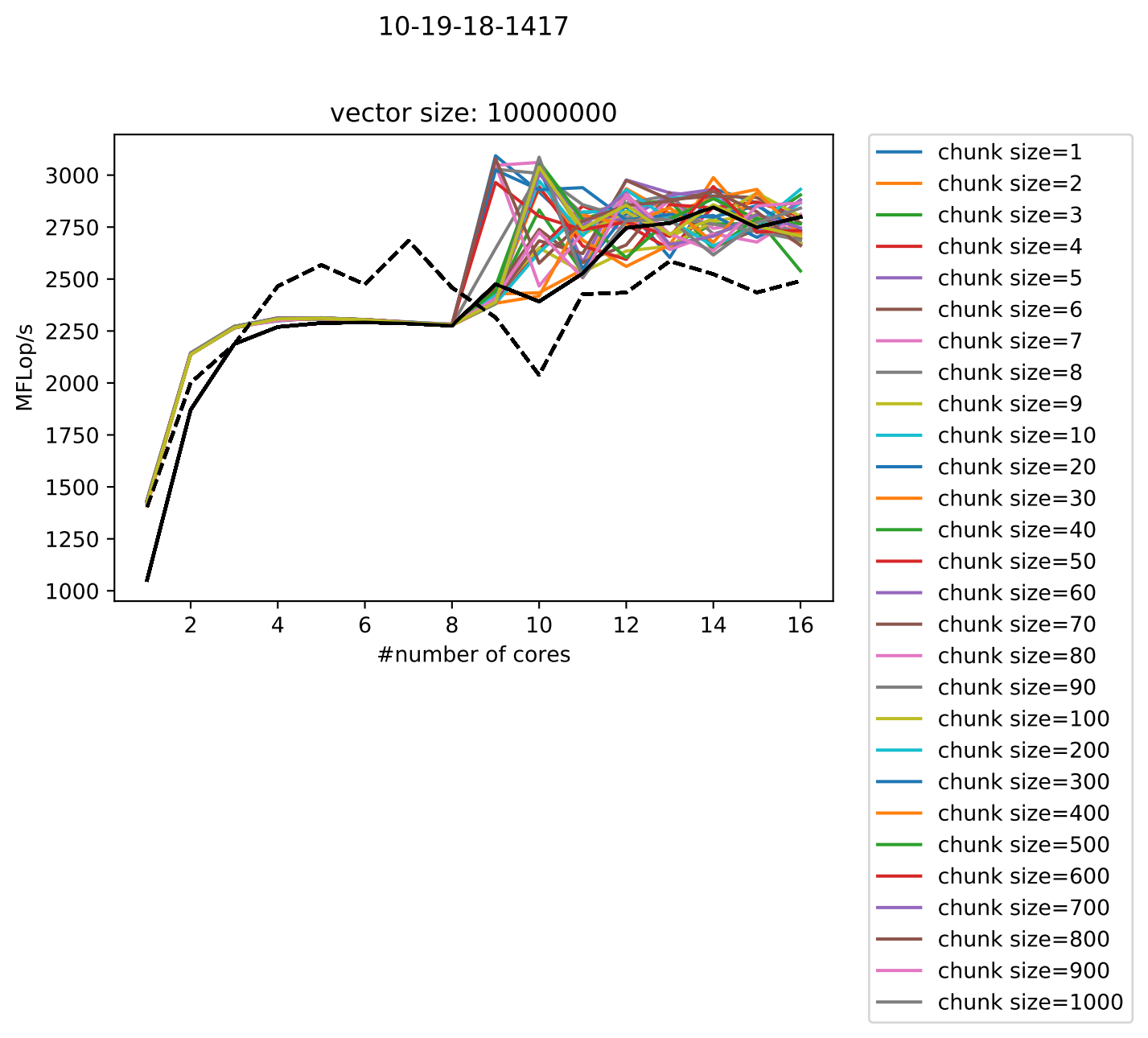
10-19-18-1417
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#number of cores
chunk size=1
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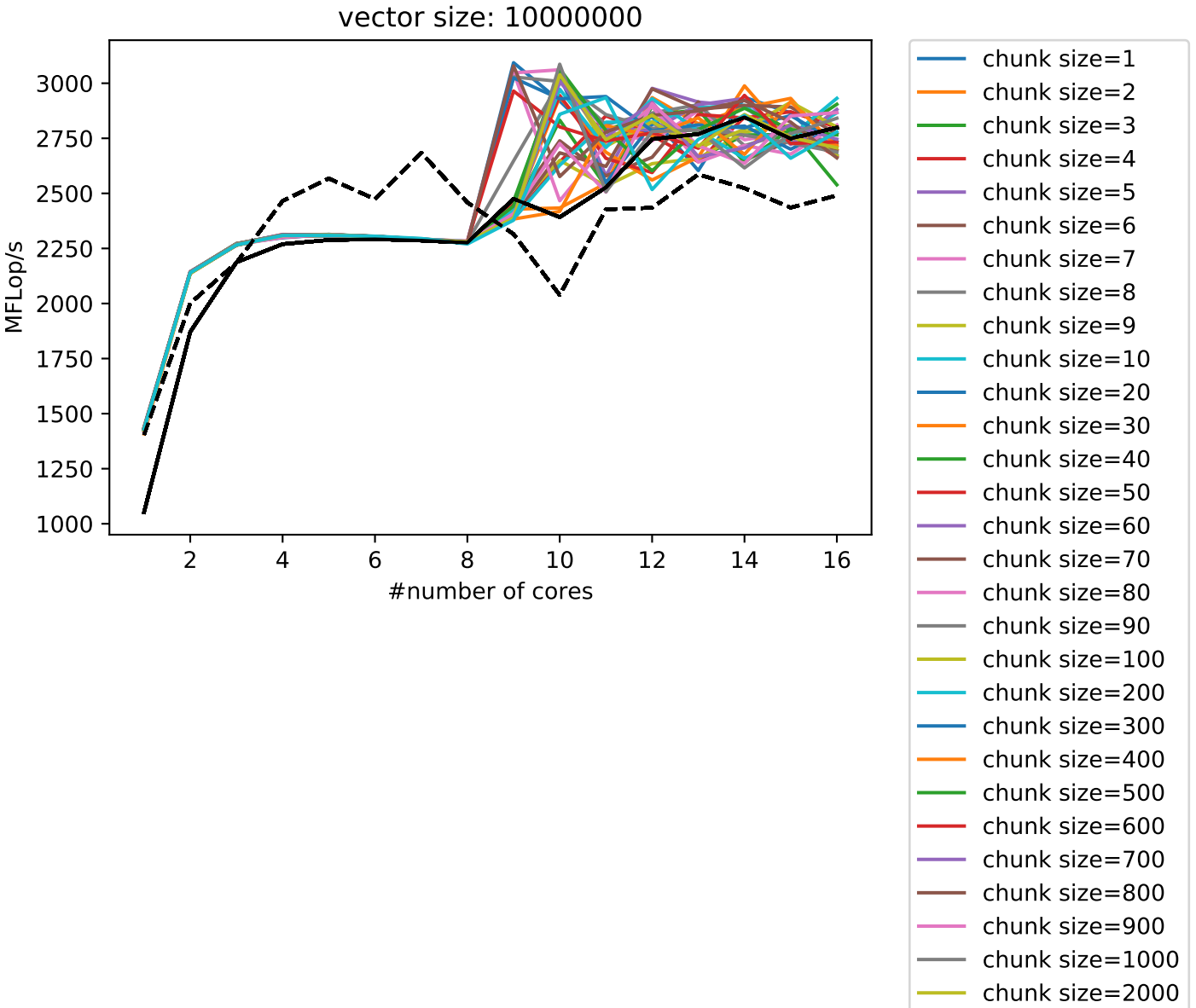
10-19-18-1417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#number of cores
chunk size=1
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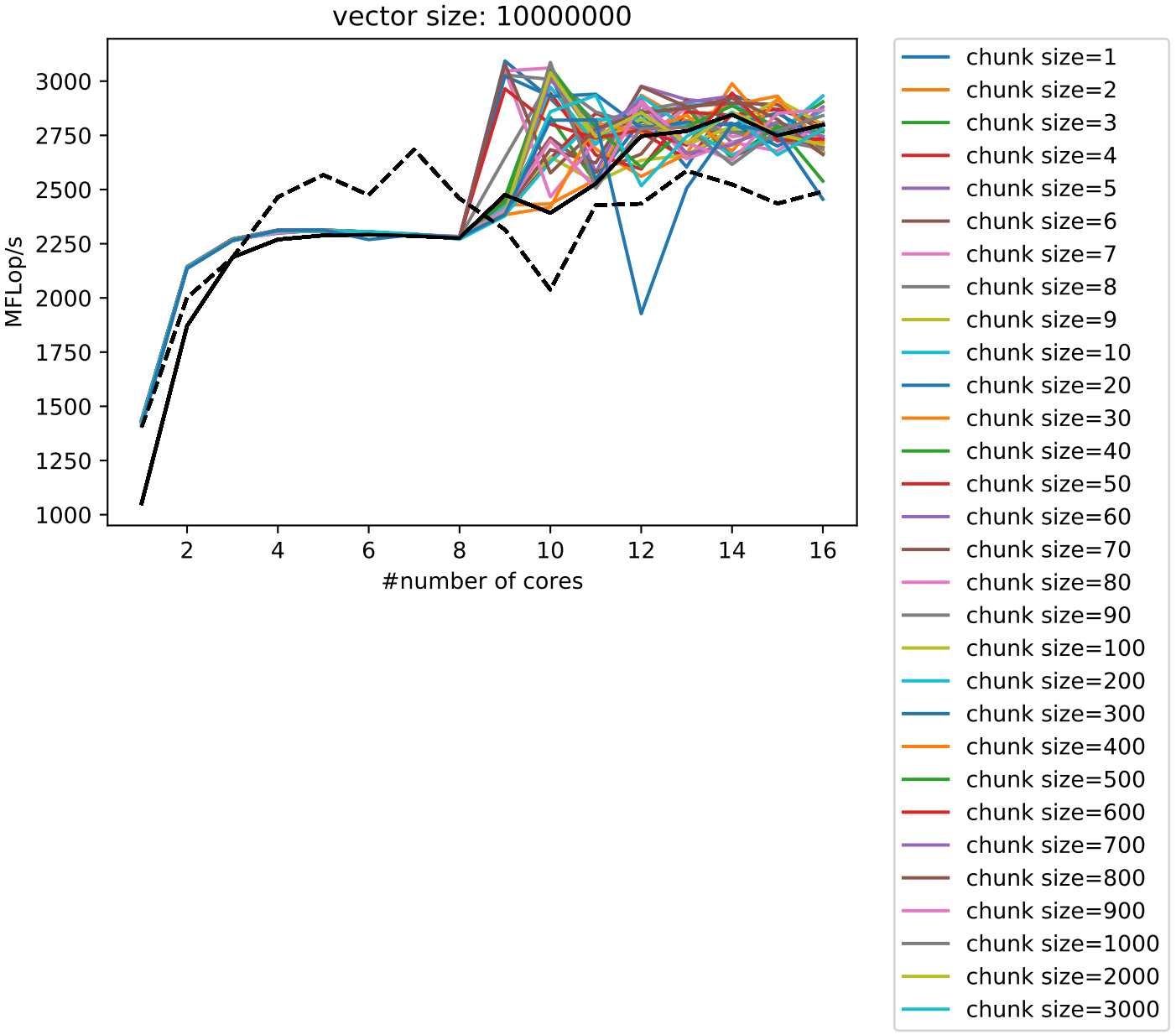
10-19-18-1417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16
#number of cores
chunk size=1
chunk size=2
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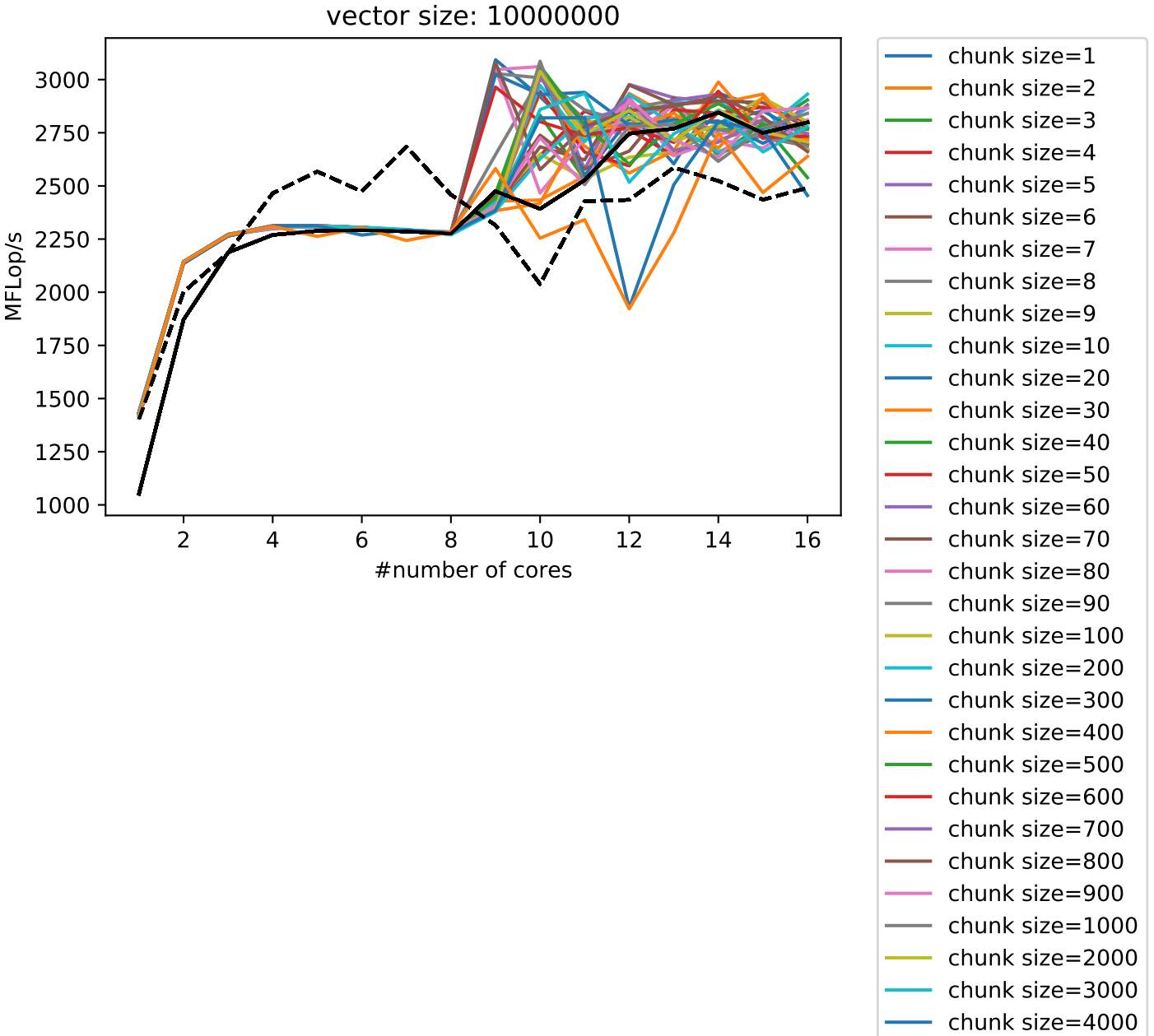
10-19-18-1417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#number of cores
chunk size=1
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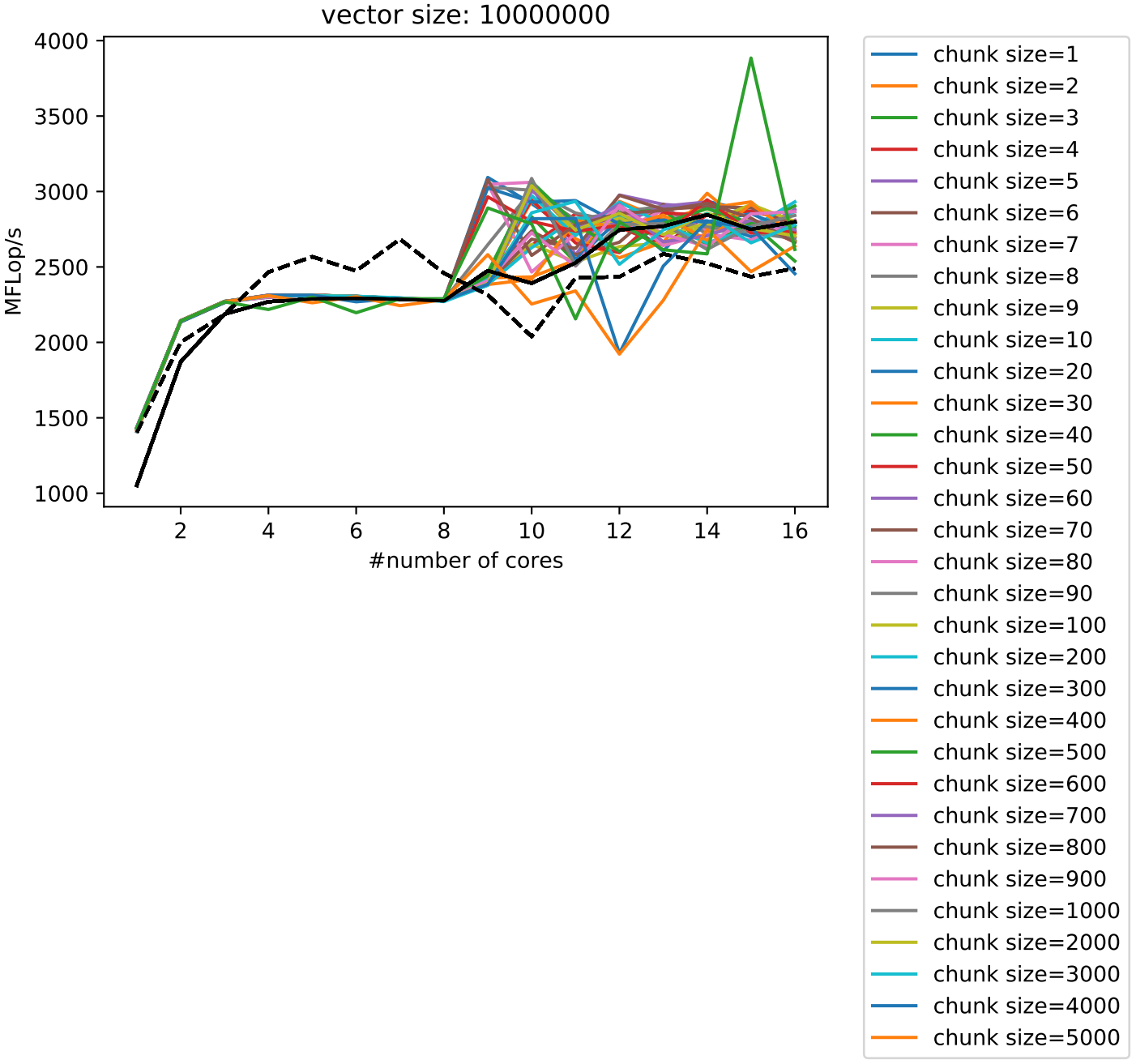
10-19-18-1417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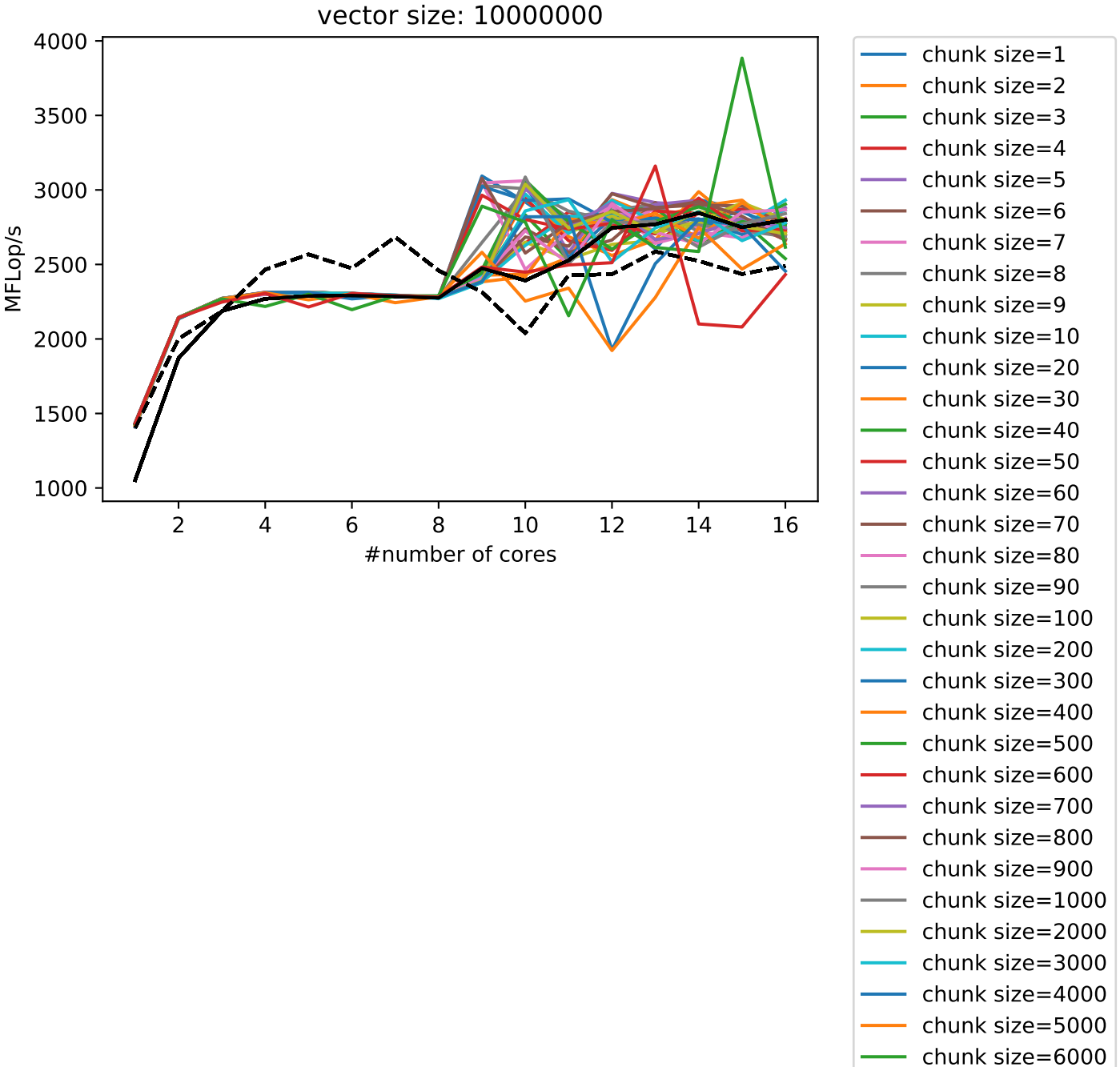
10-19-18-1417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chunk size=1
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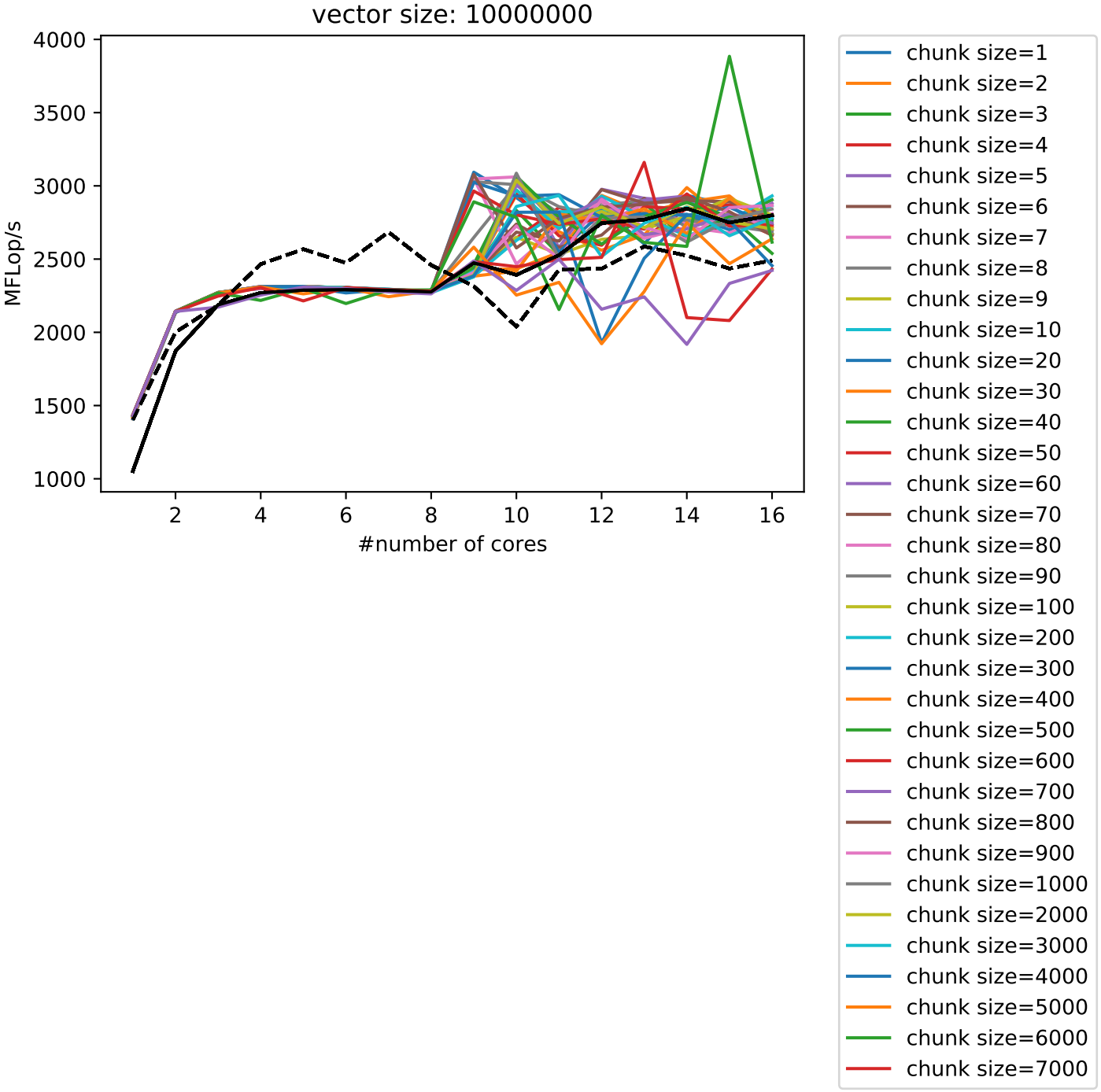
10-19-18-1417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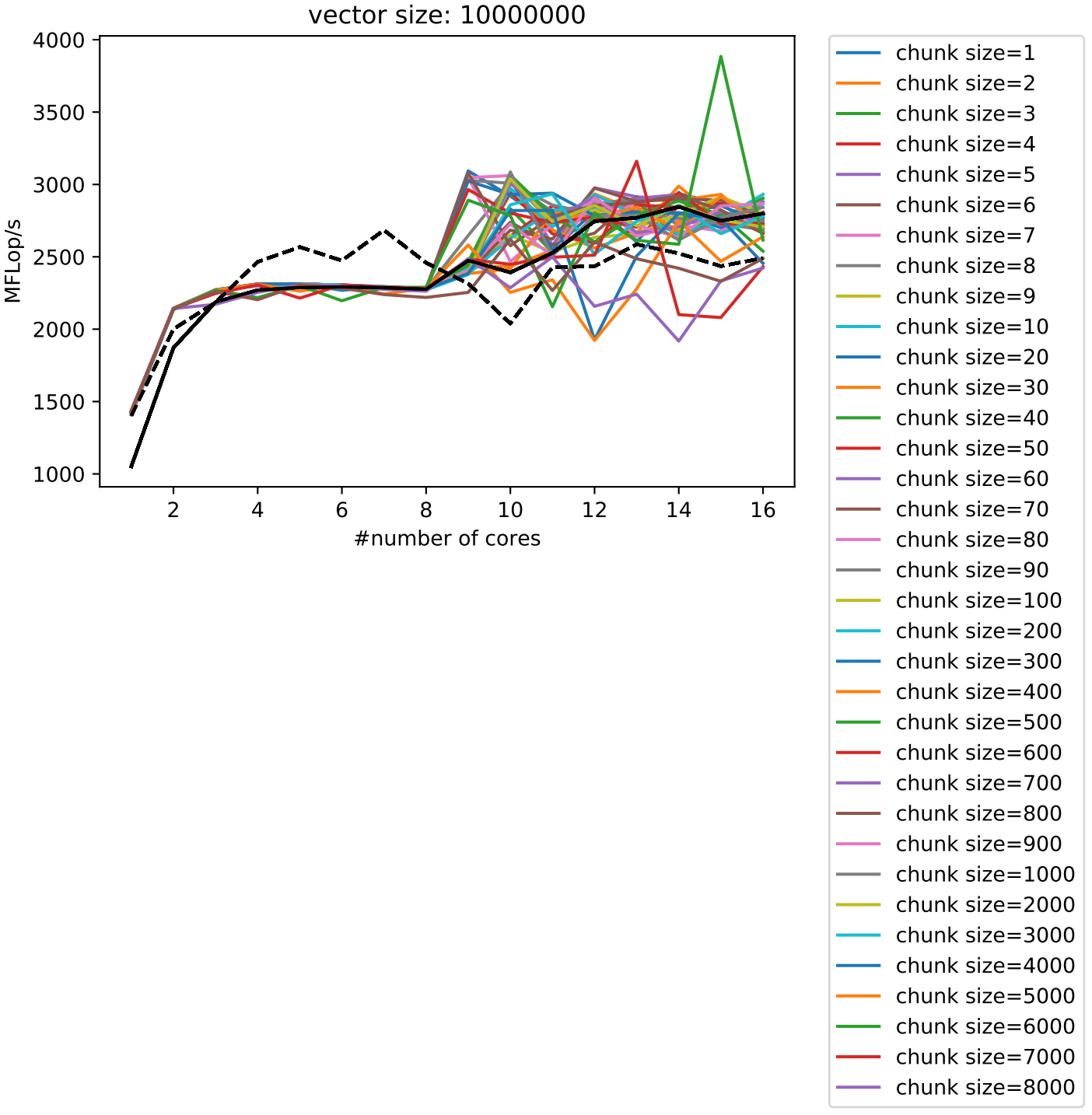
10-19-18-1417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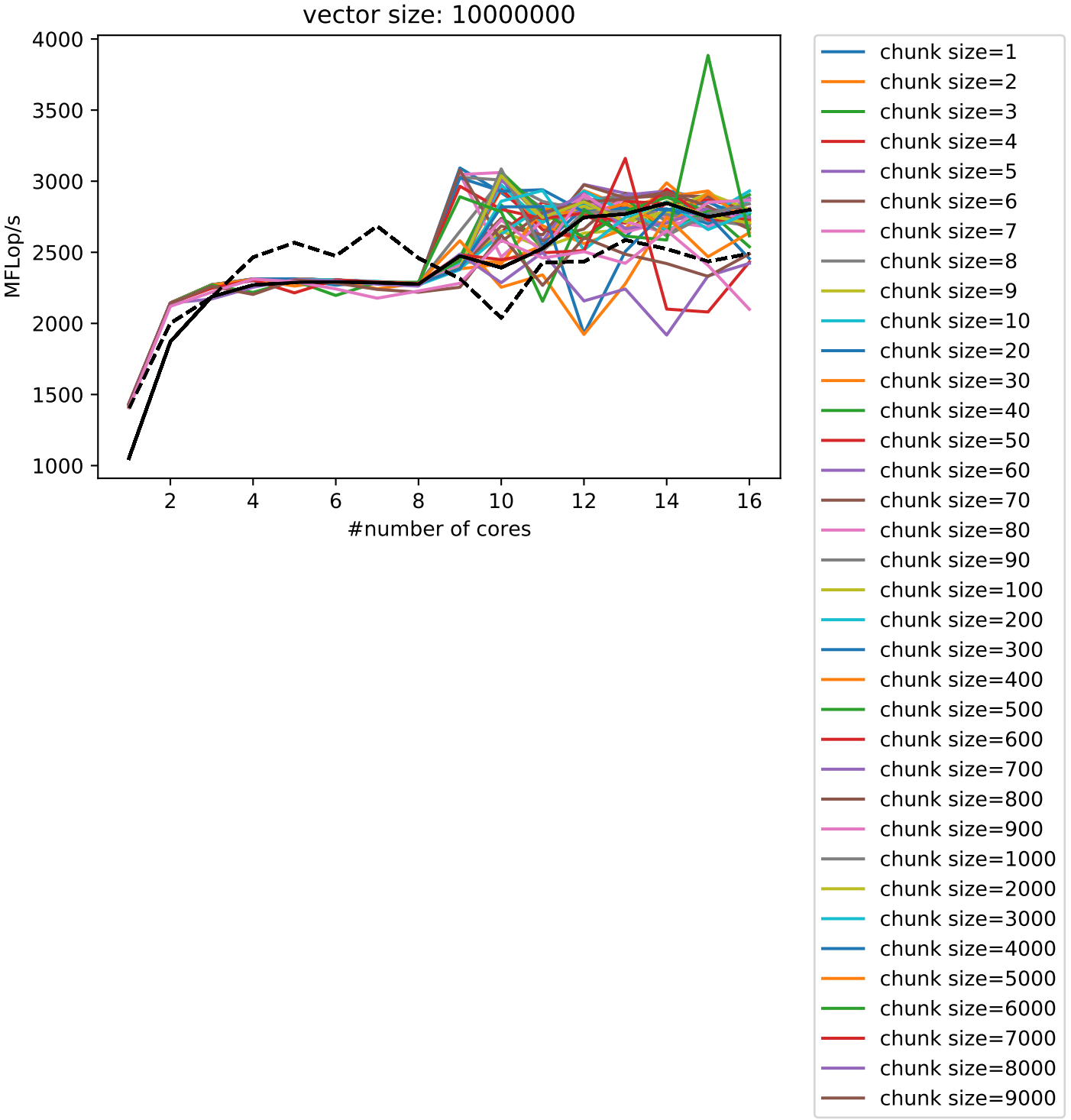
10-19-18-1417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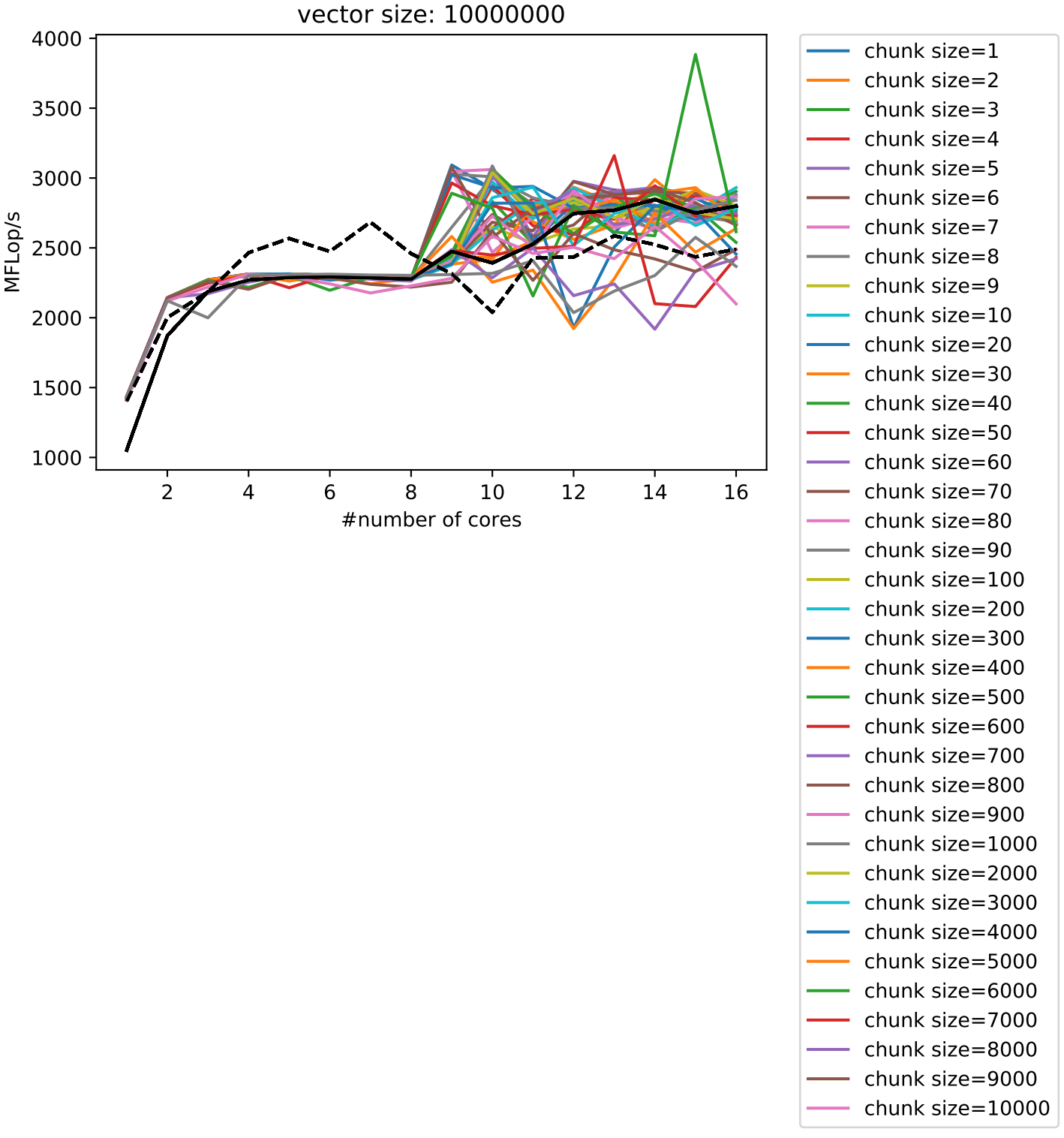
10-19-18-1417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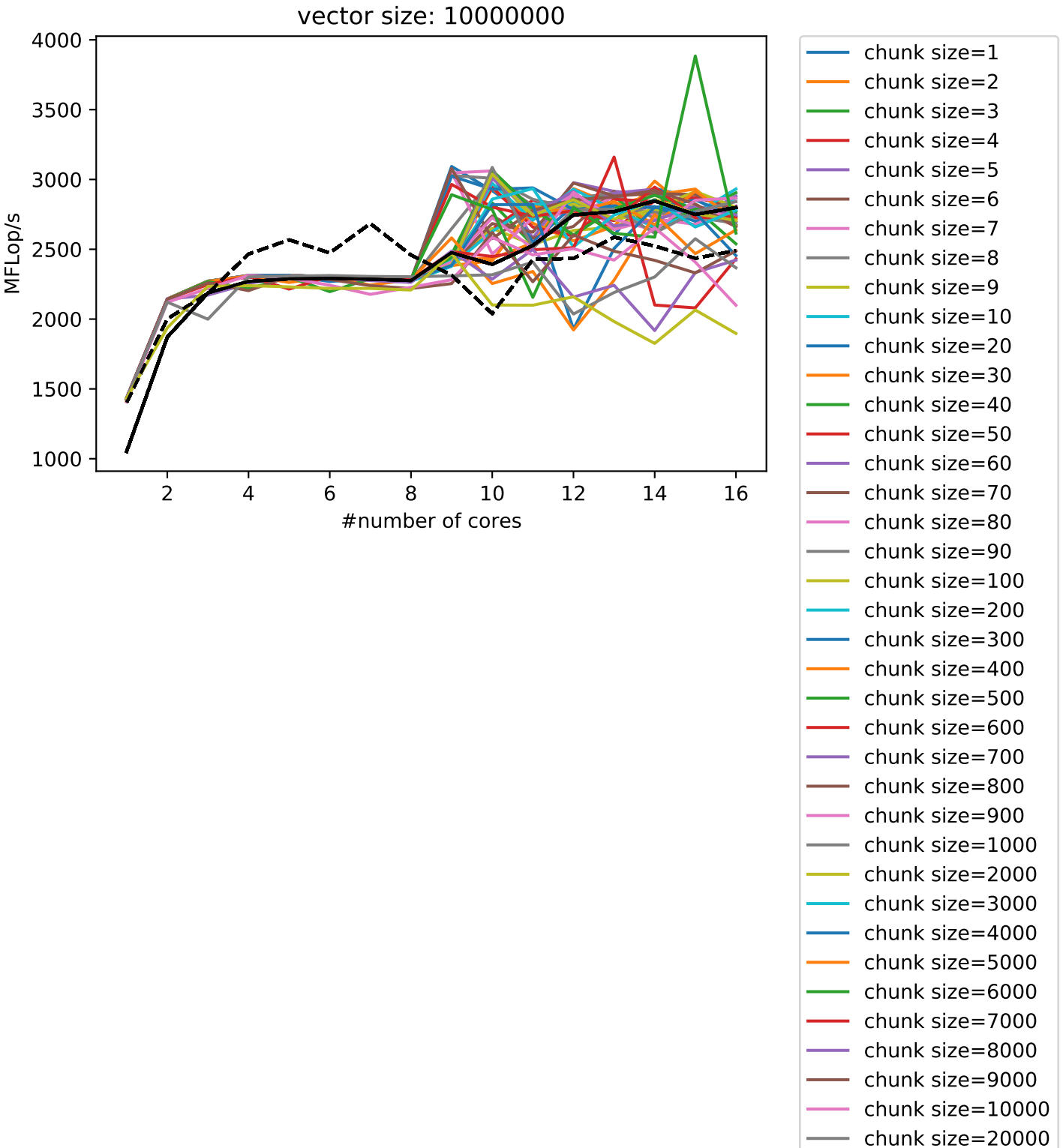
10-19-18-1417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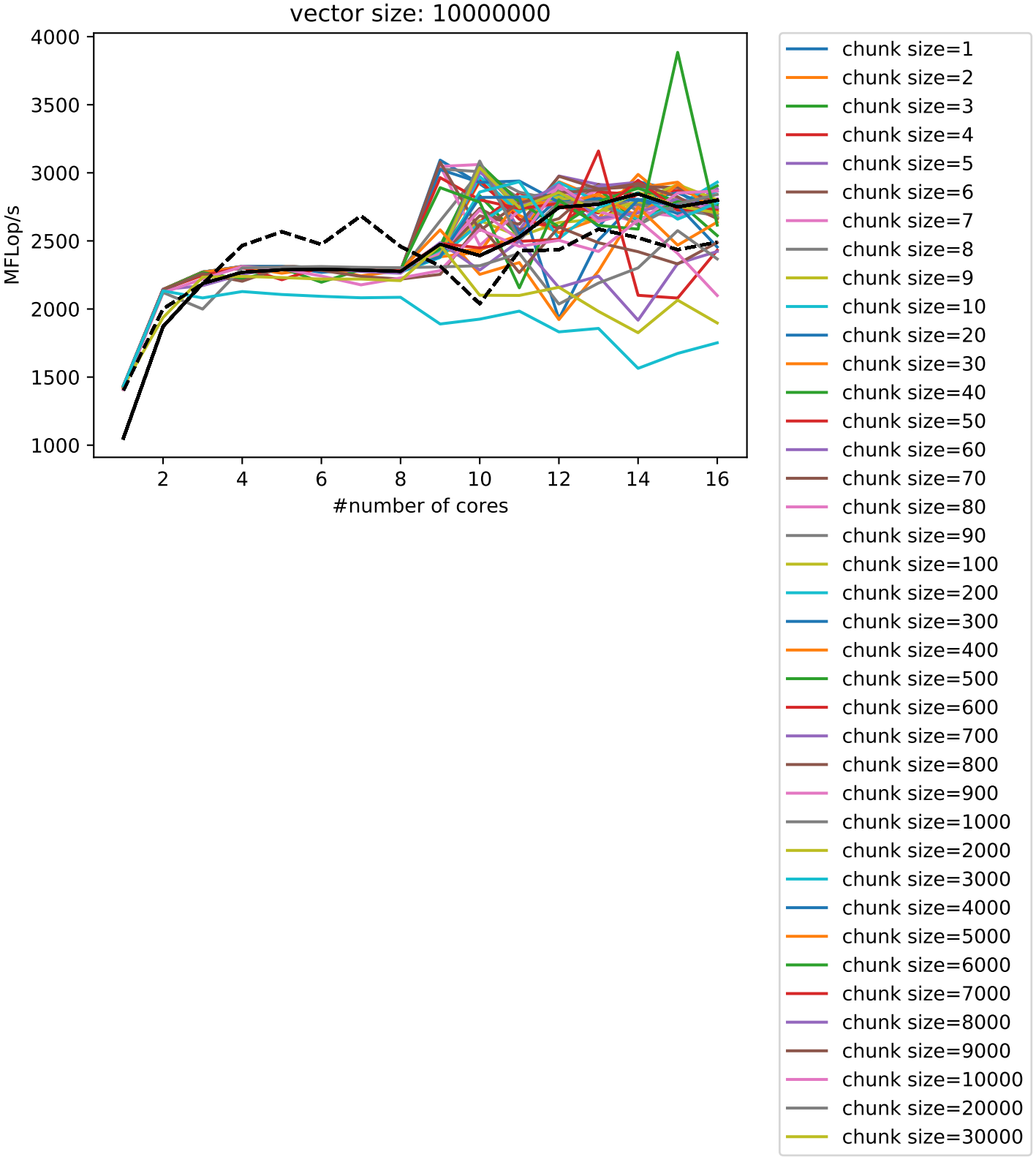
10-19-18-1417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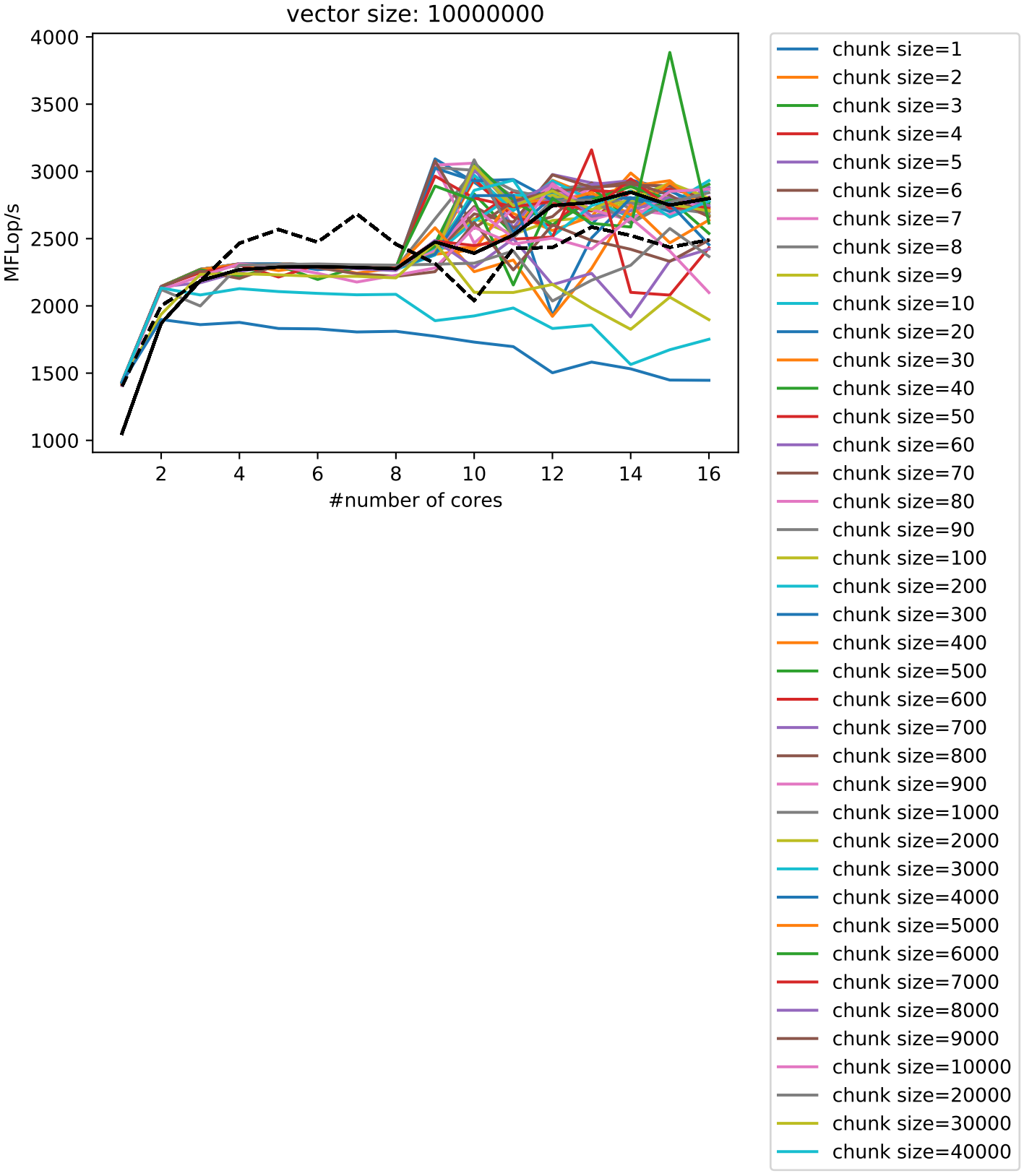
10-19-18-1417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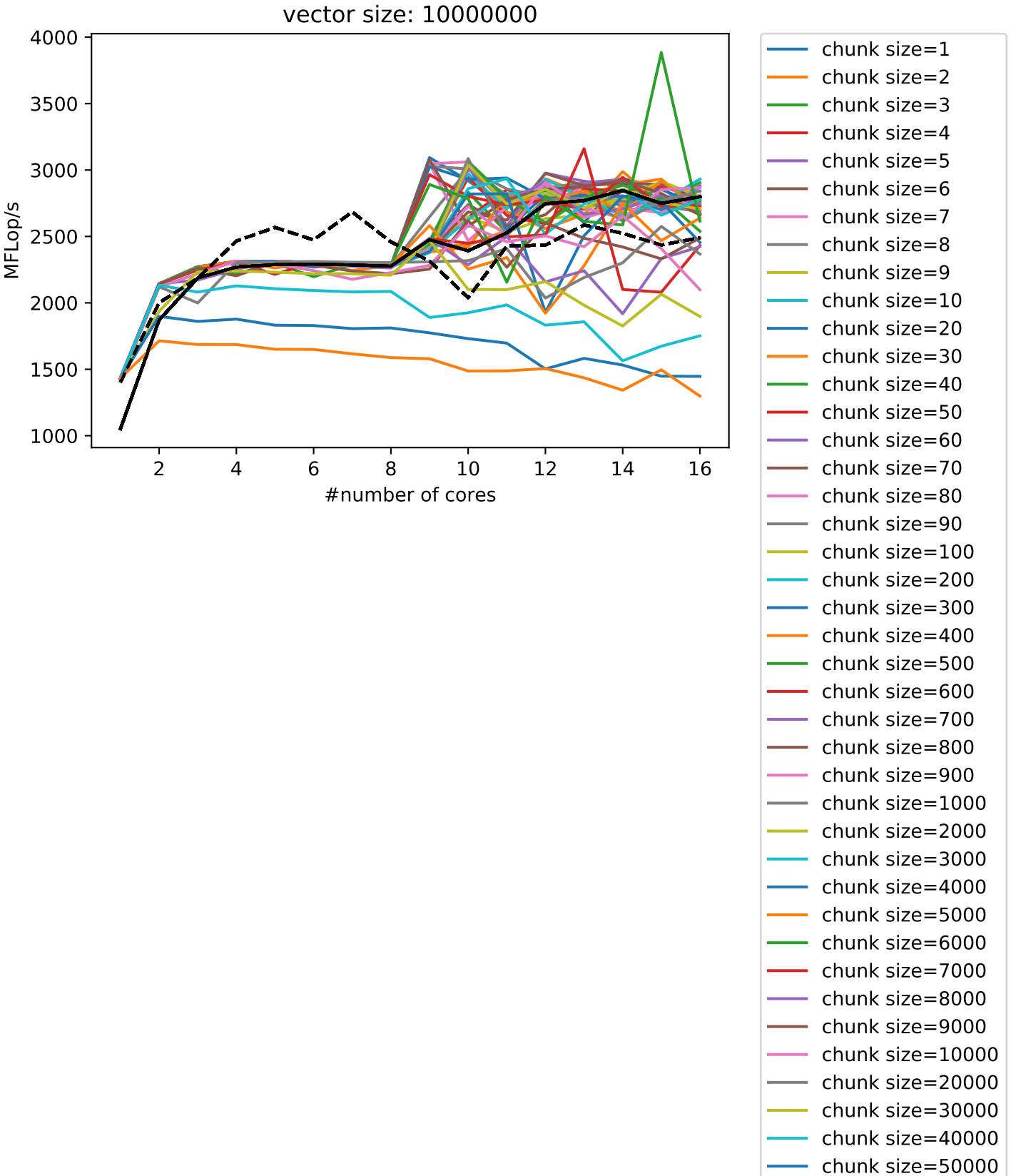
10-19-18-1417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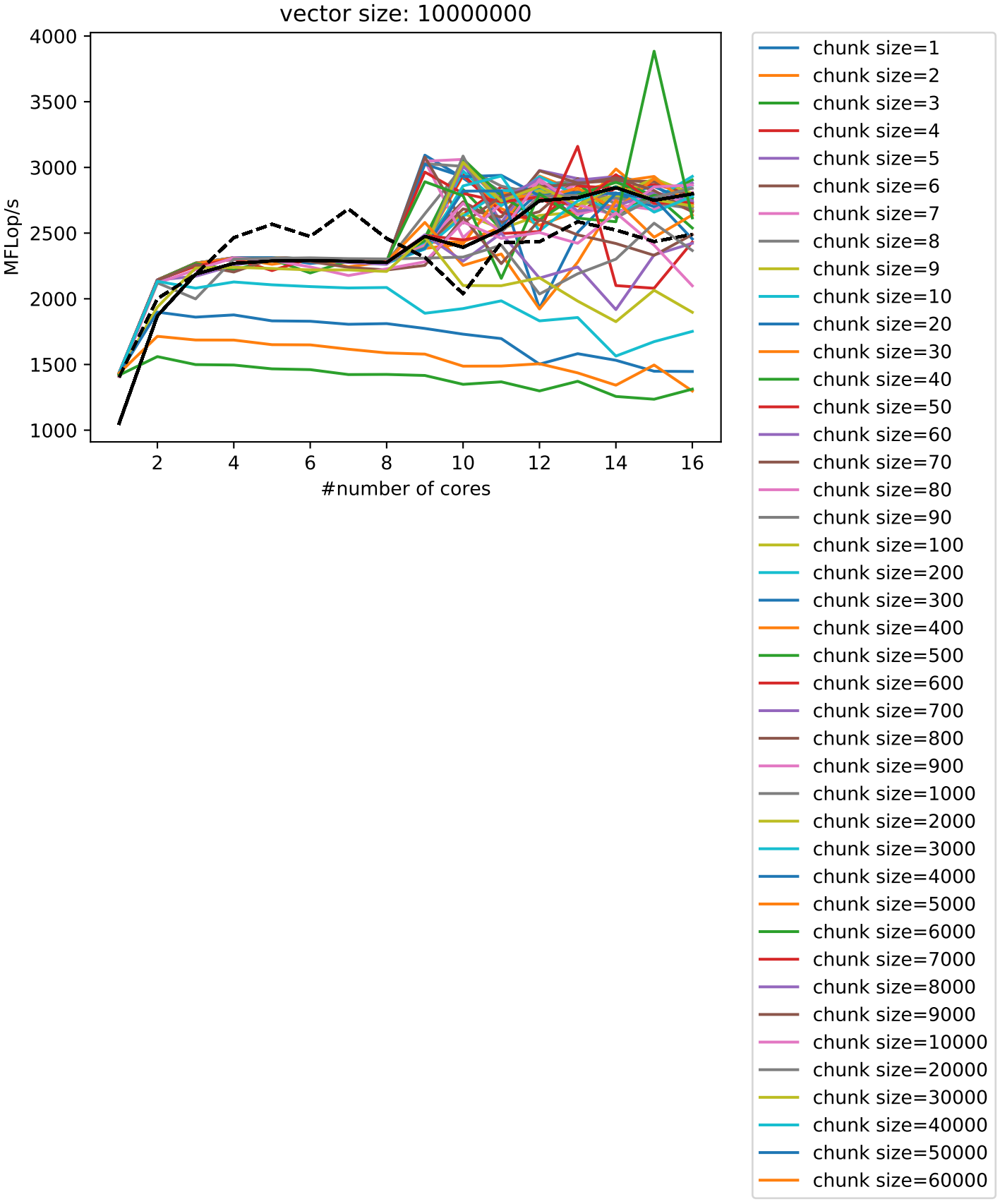
10-19-18-1417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chunk size=1
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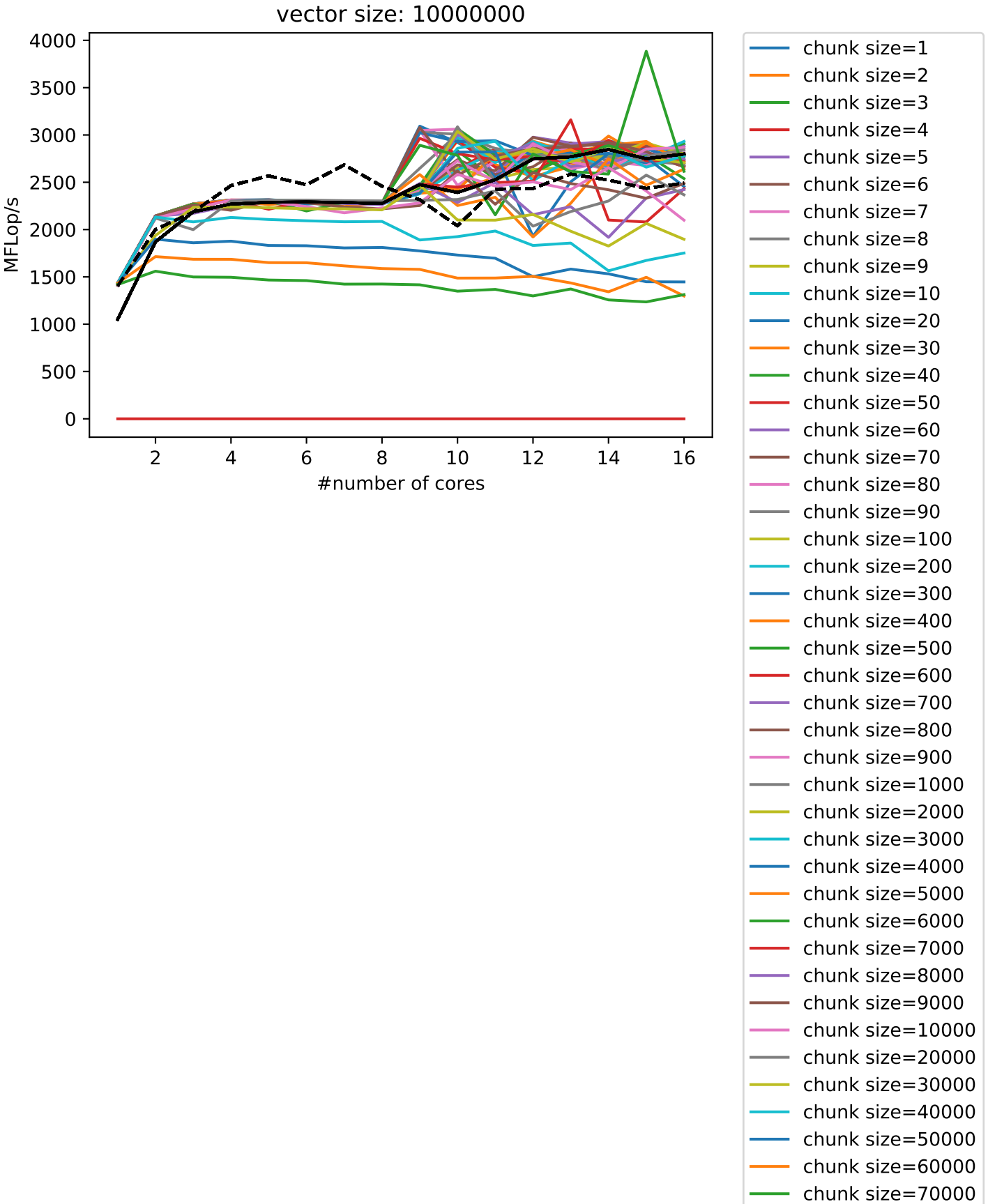
10-19-18-1417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MFLop/s
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chunk size=1
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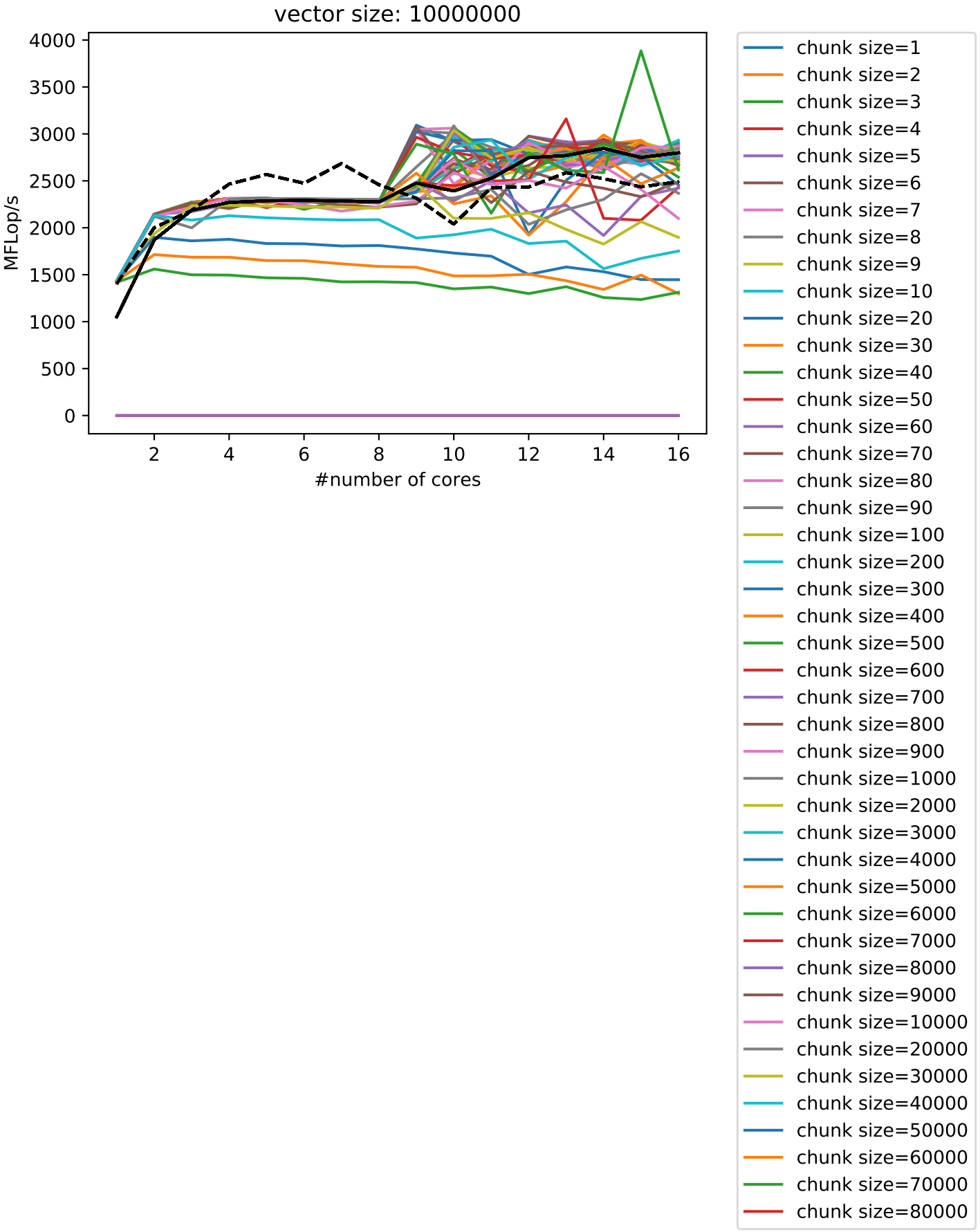
chunk size=60000
chunk size=70000

10-19-18-1417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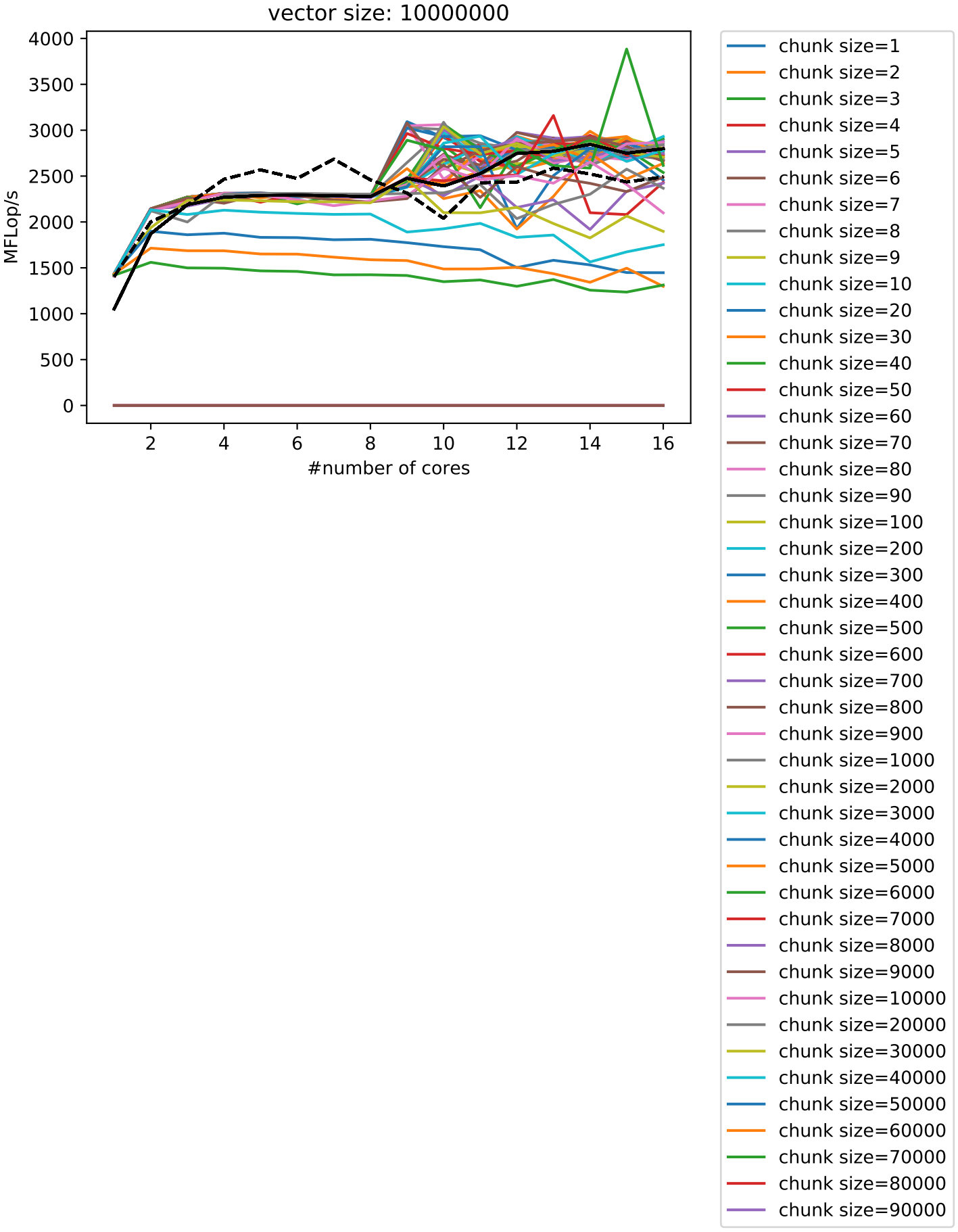
chunk size=80000

10-19-18-1417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chunk size=1
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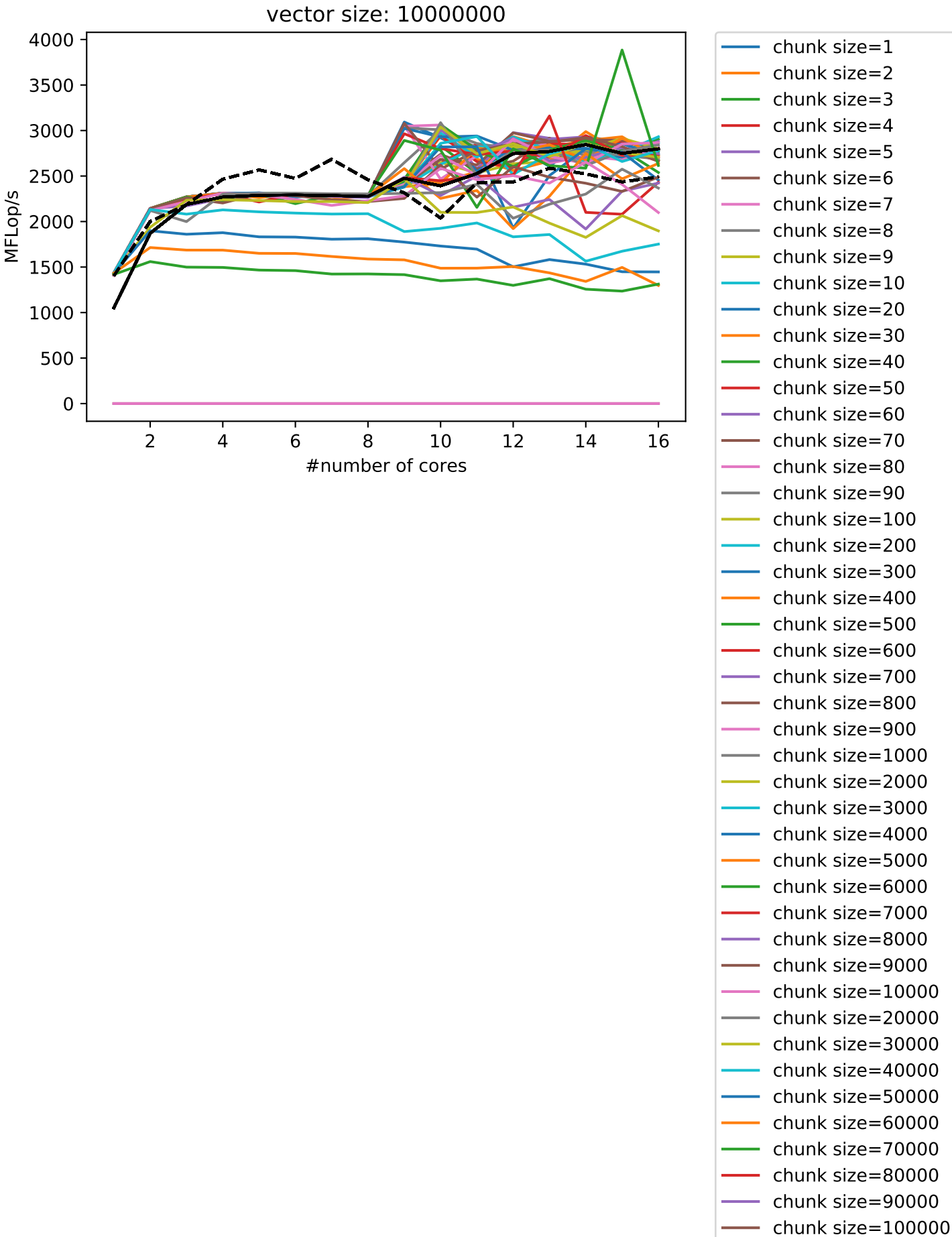
chunk size=80000
chunk size=90000

10-19-18-1417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chunk size=1
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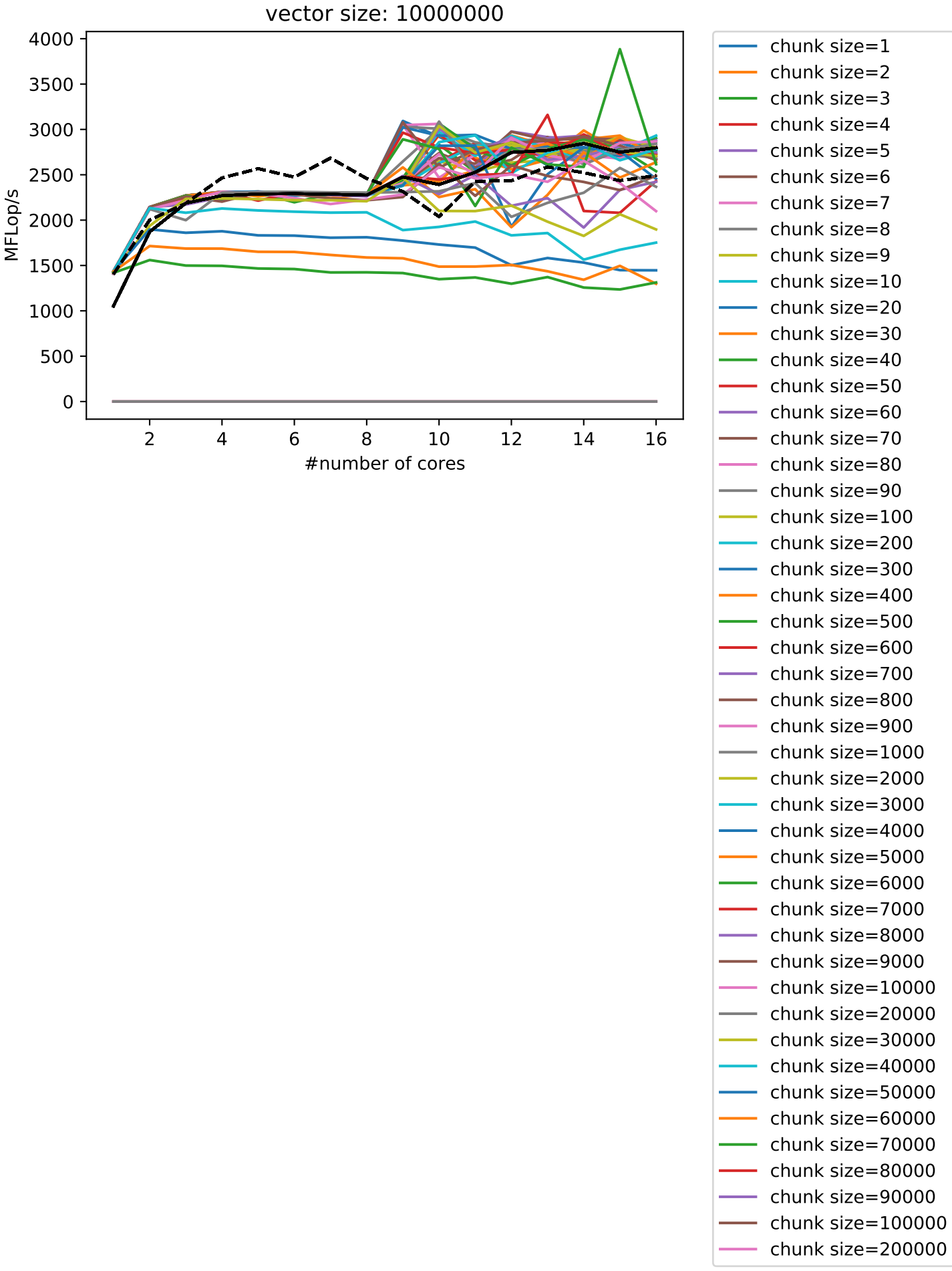
10-19-18-1417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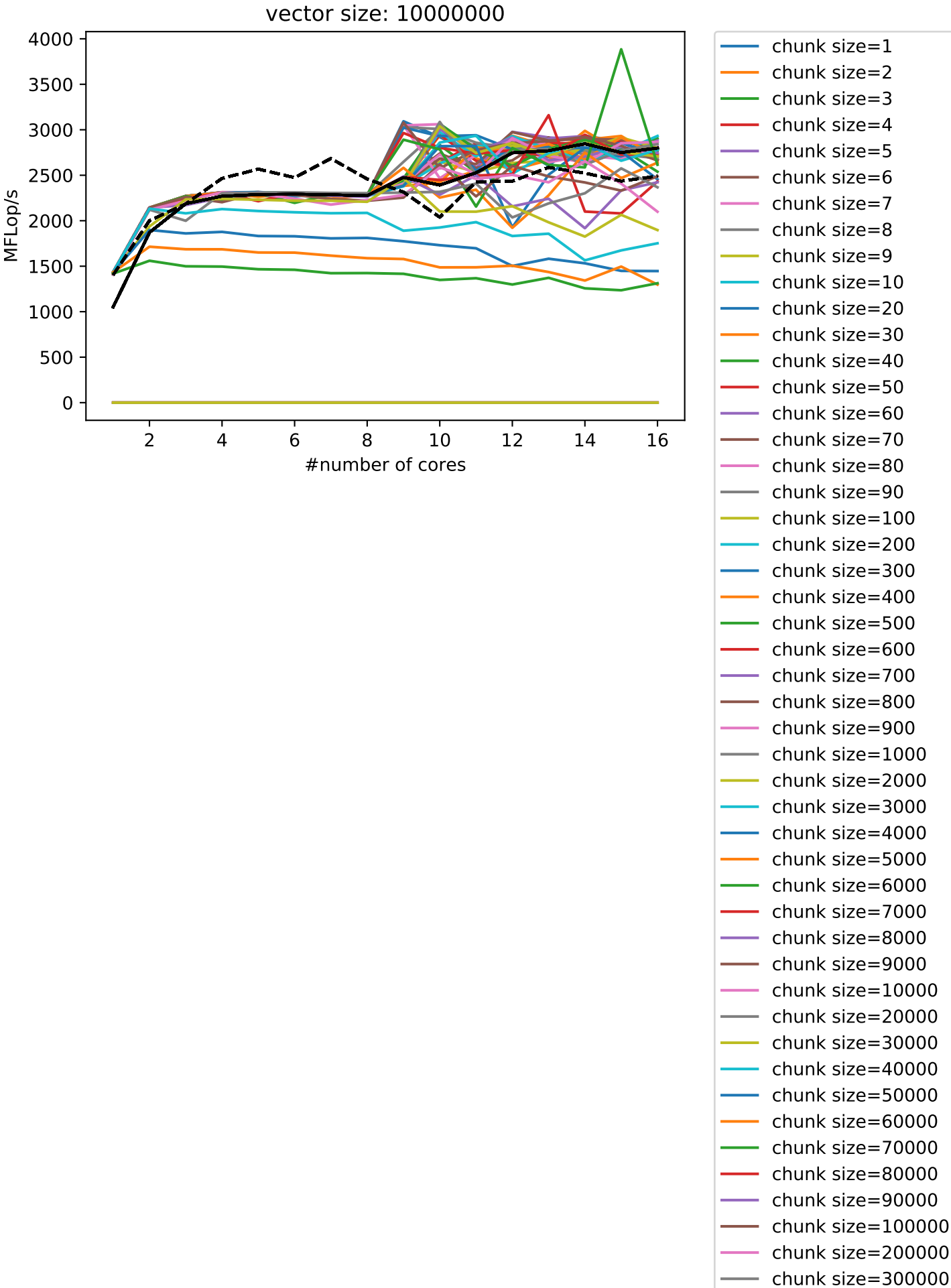
10-19-18-1417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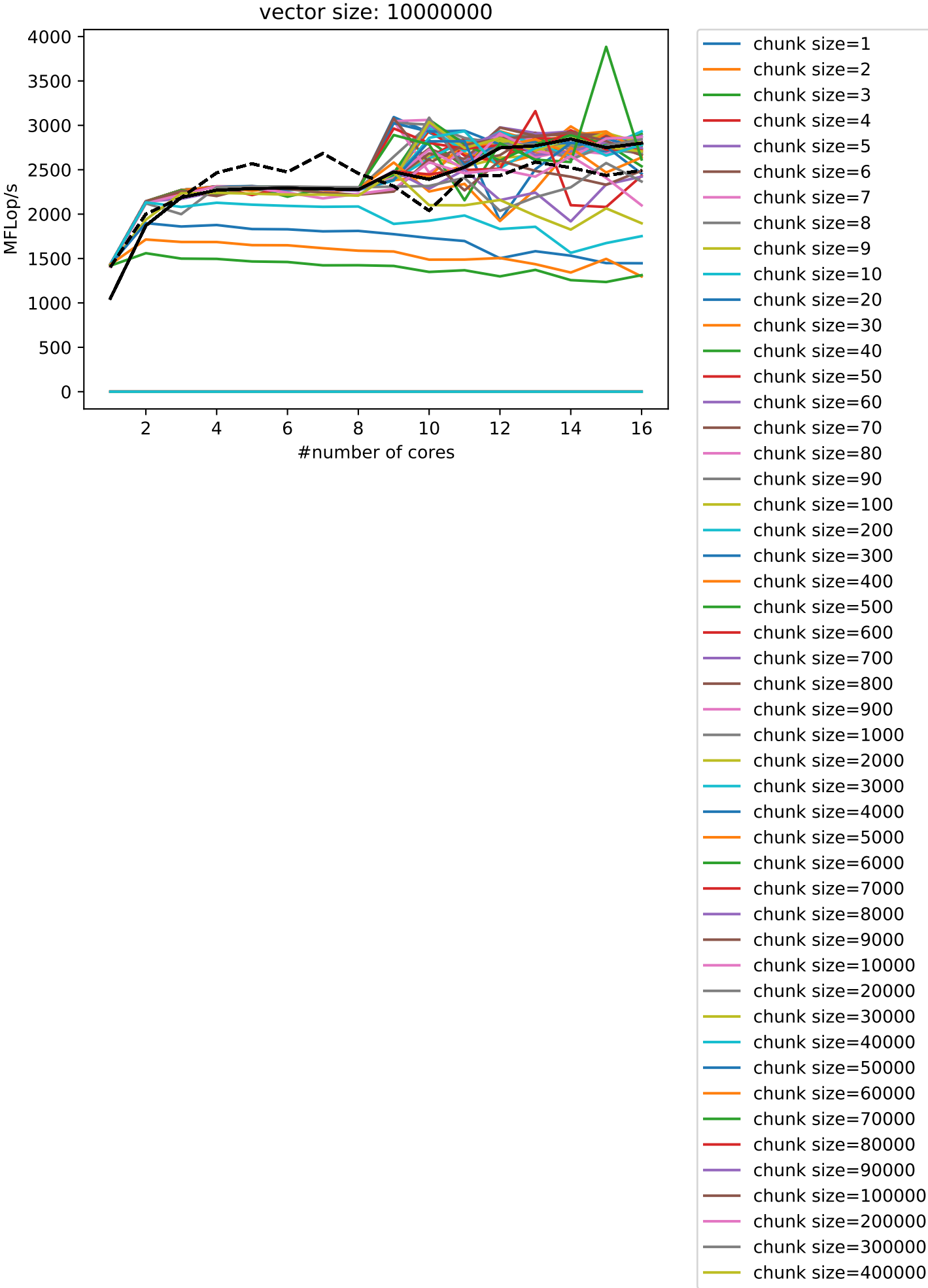
10-19-18-1417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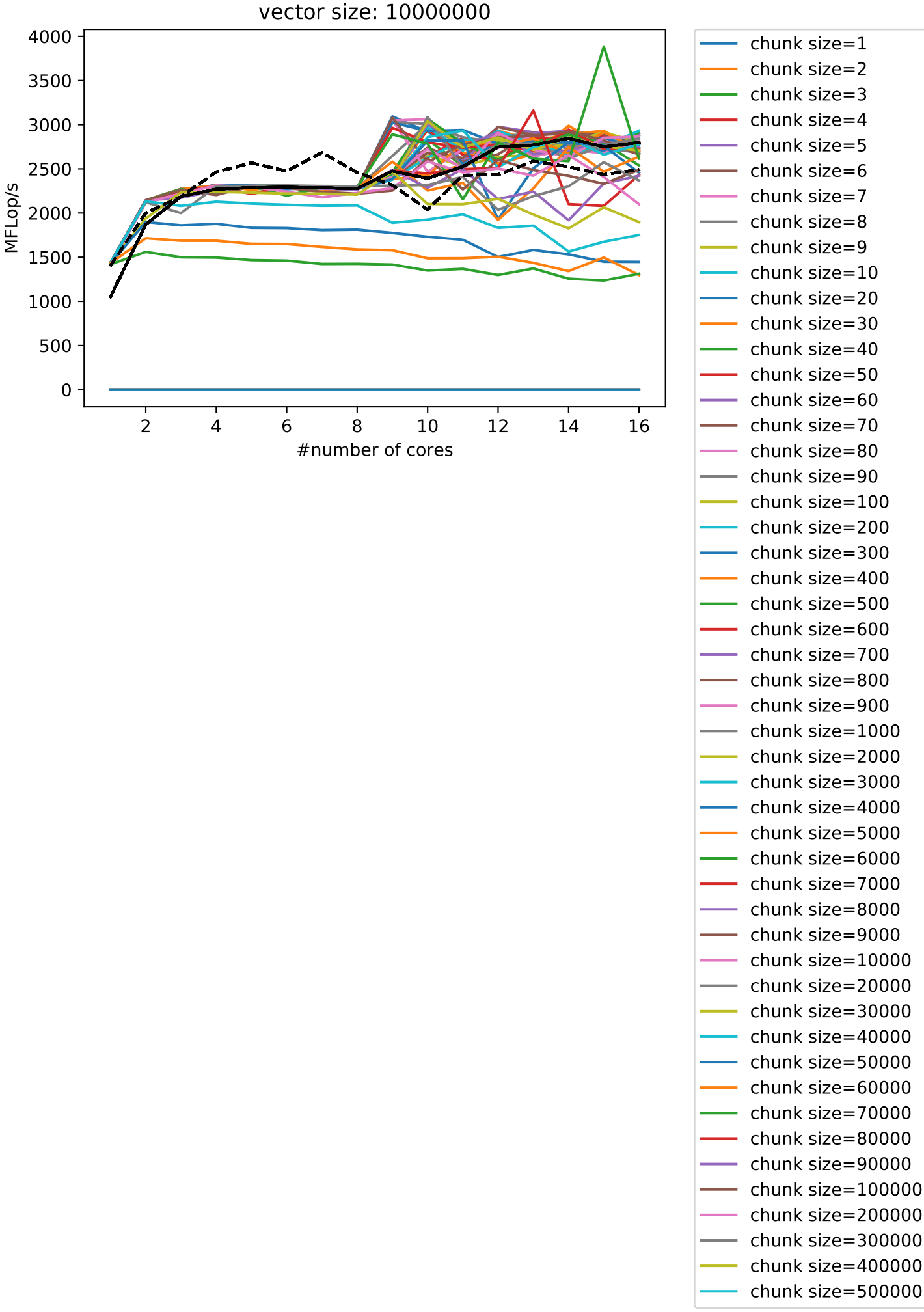
10-19-18-1417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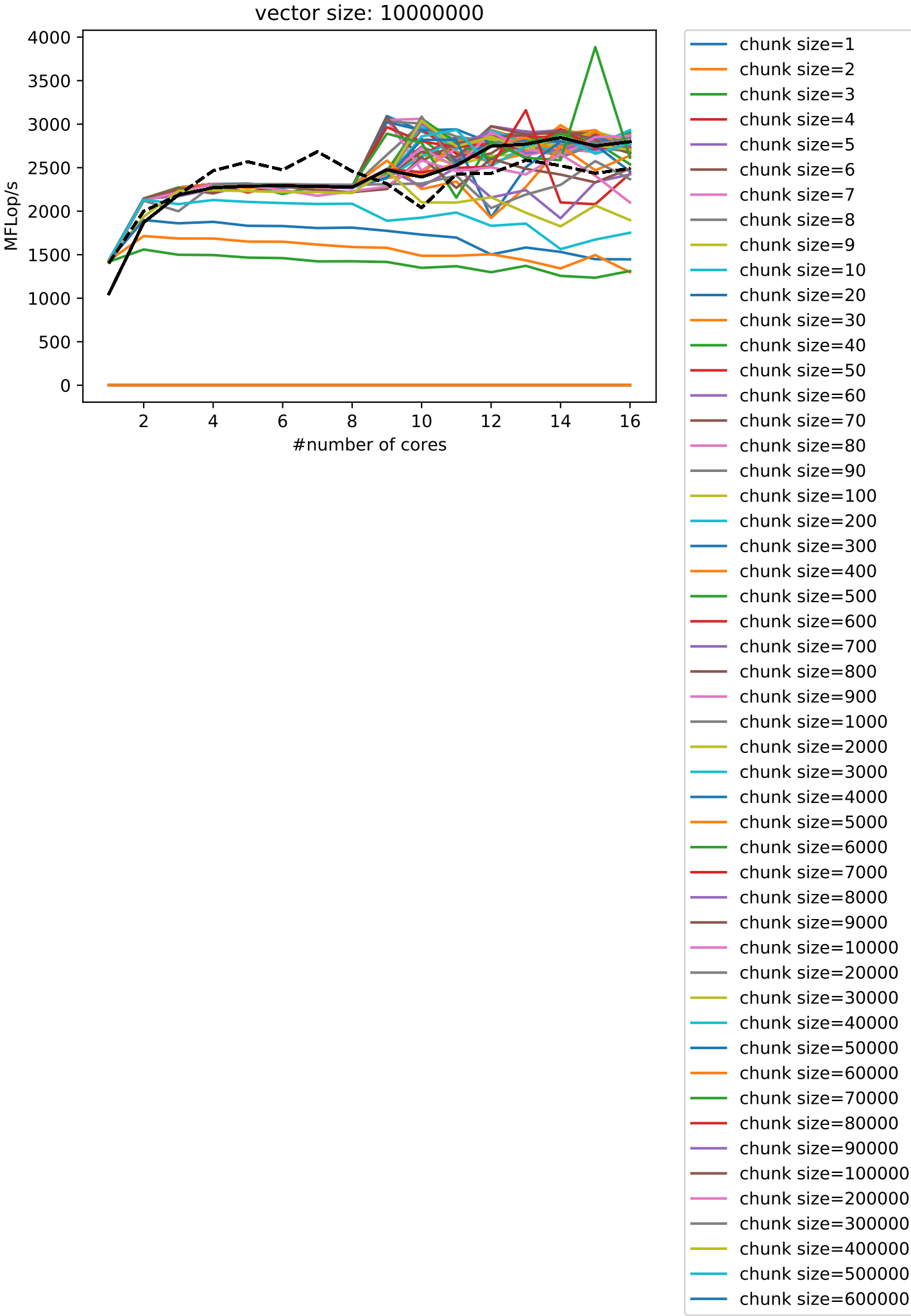
10-19-18-1417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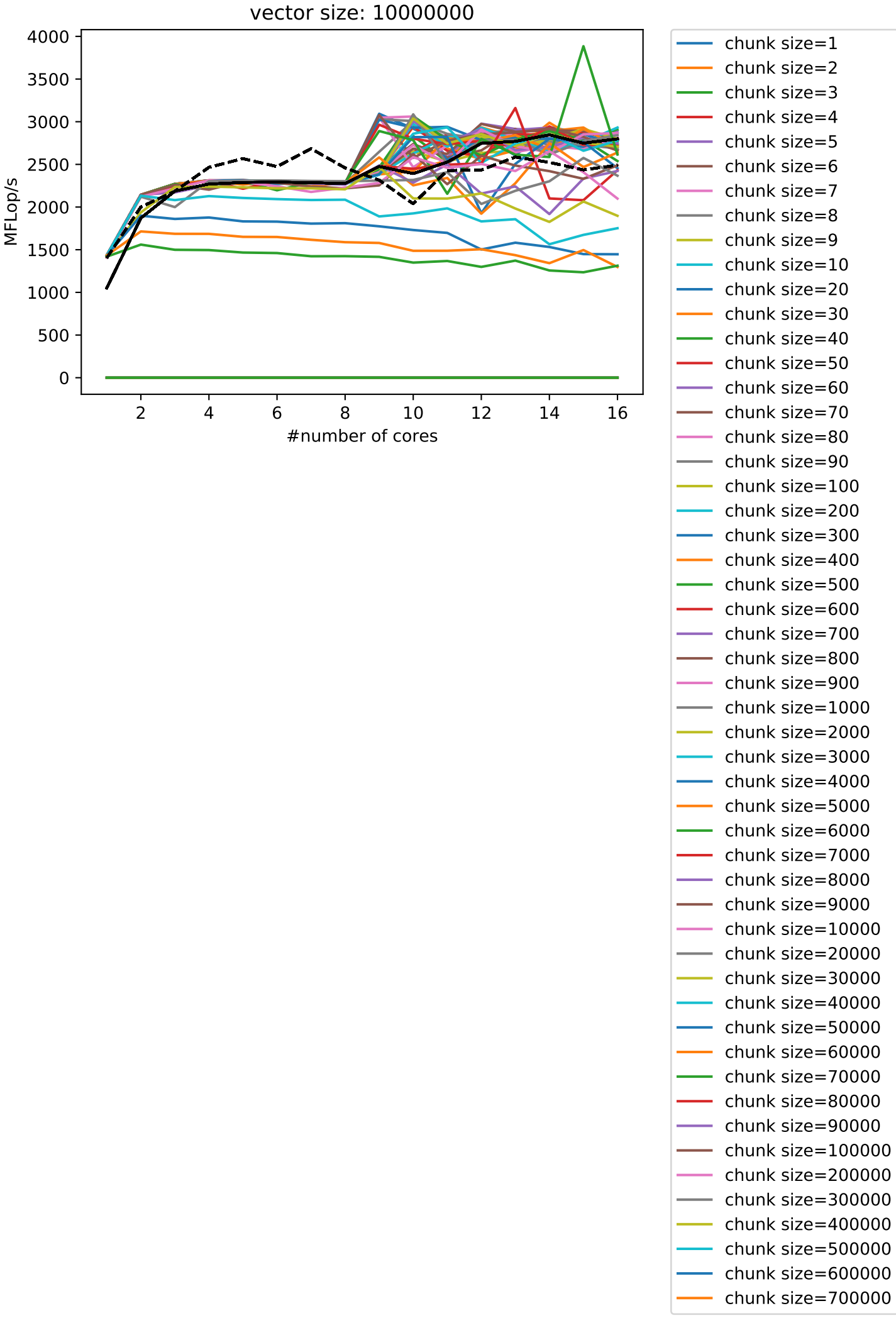
10-19-18-1417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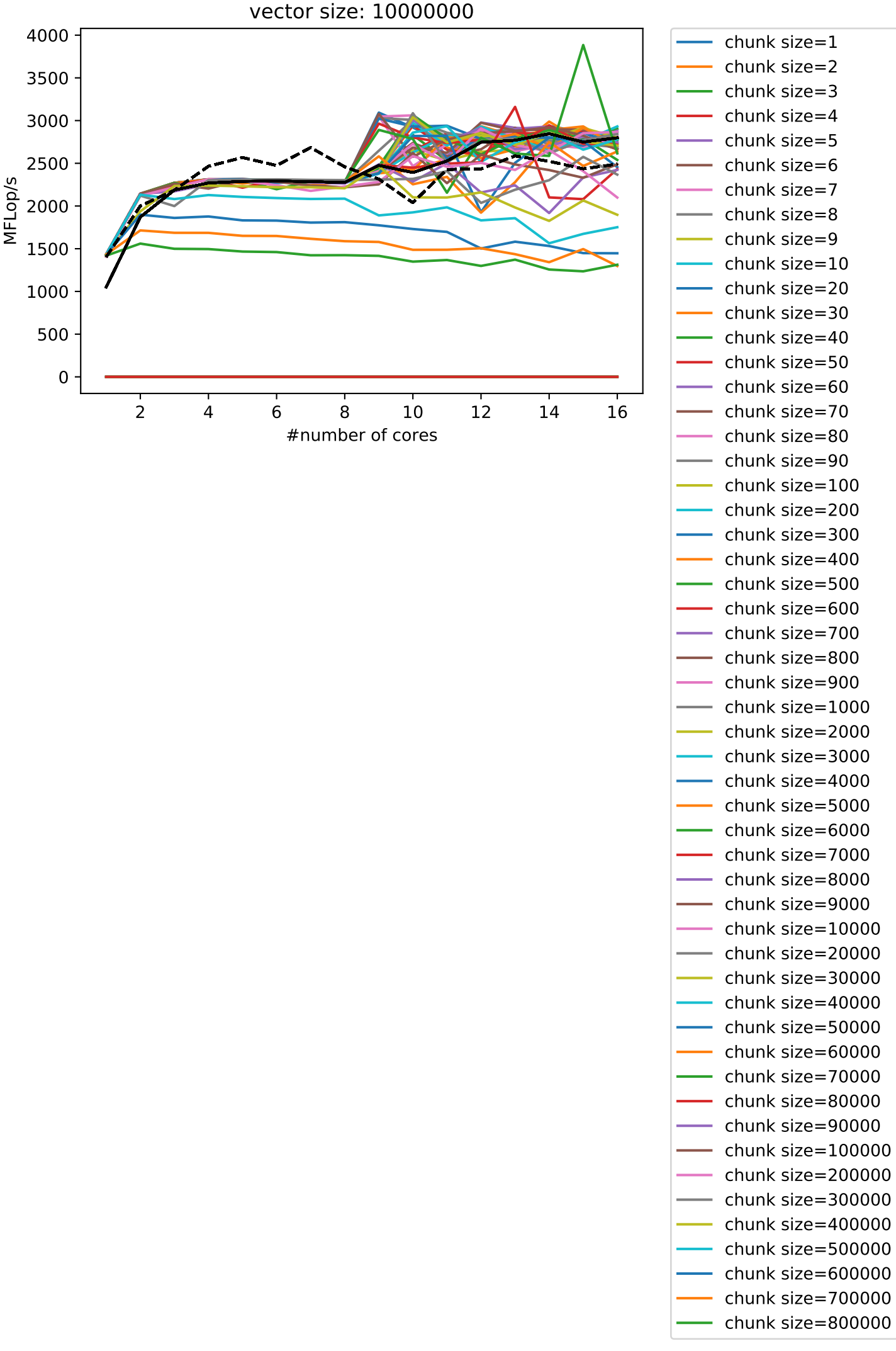
10-19-18-1417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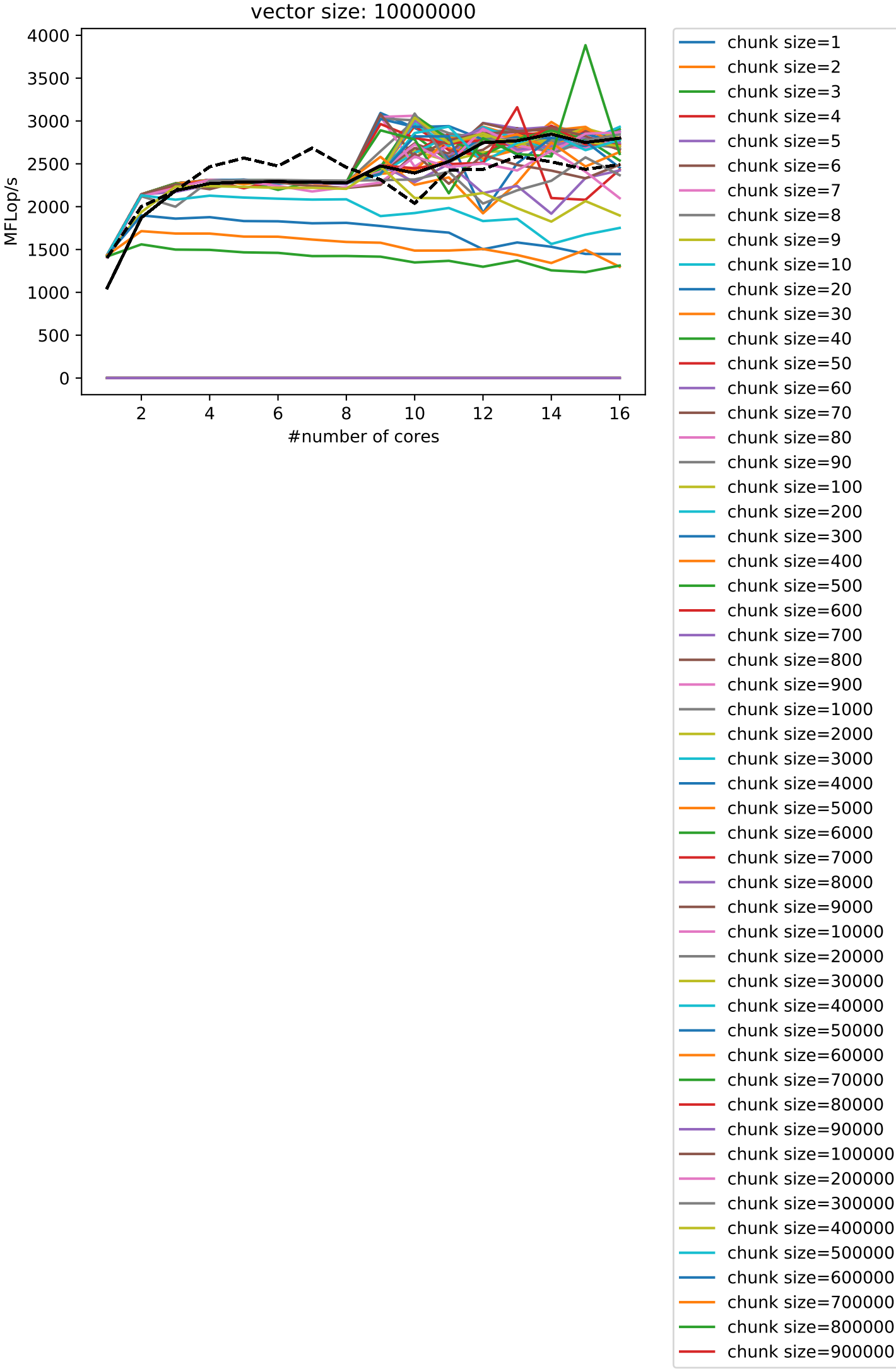
10-19-18-1417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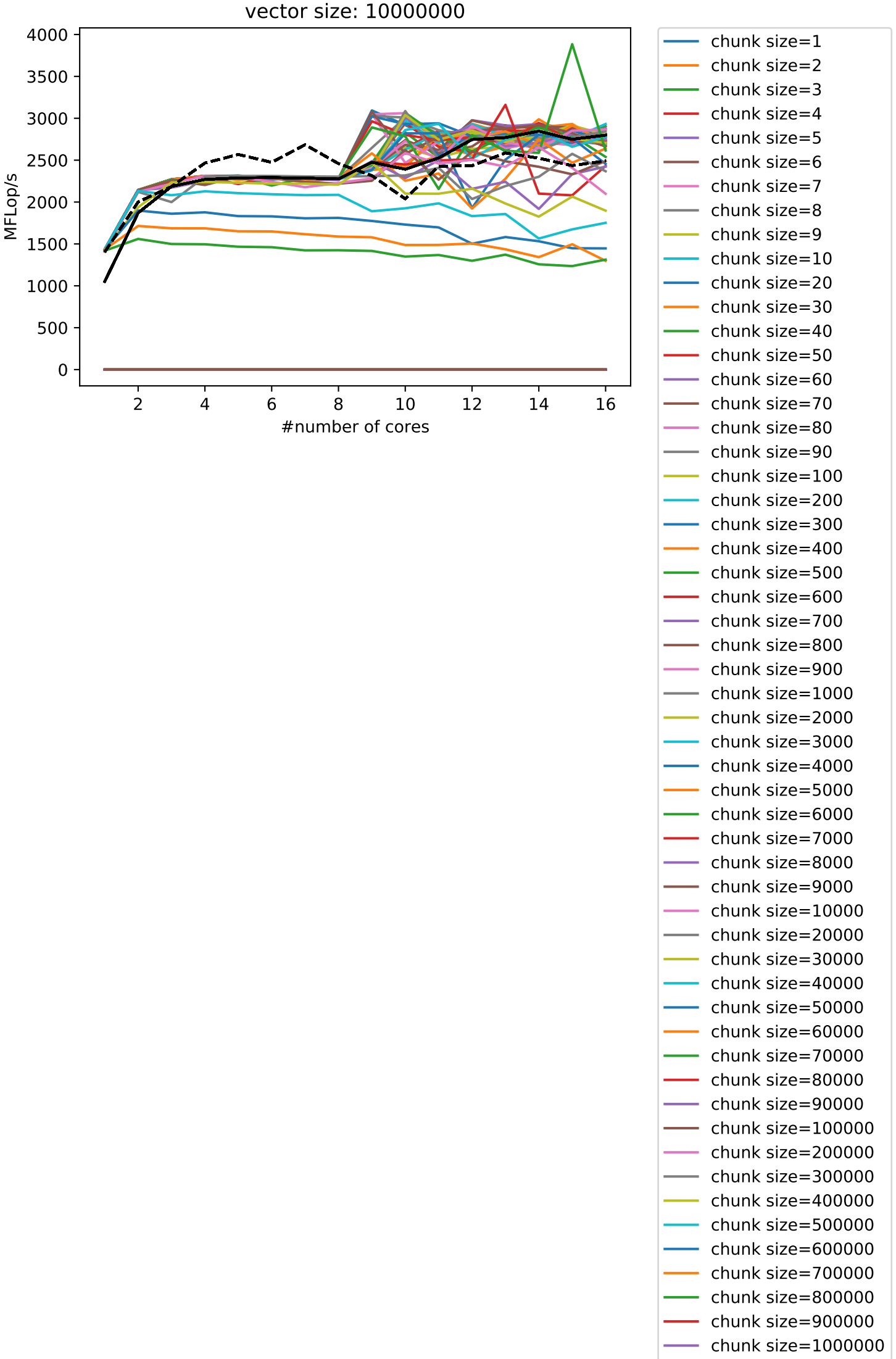
10-19-18-1417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MFLop/s
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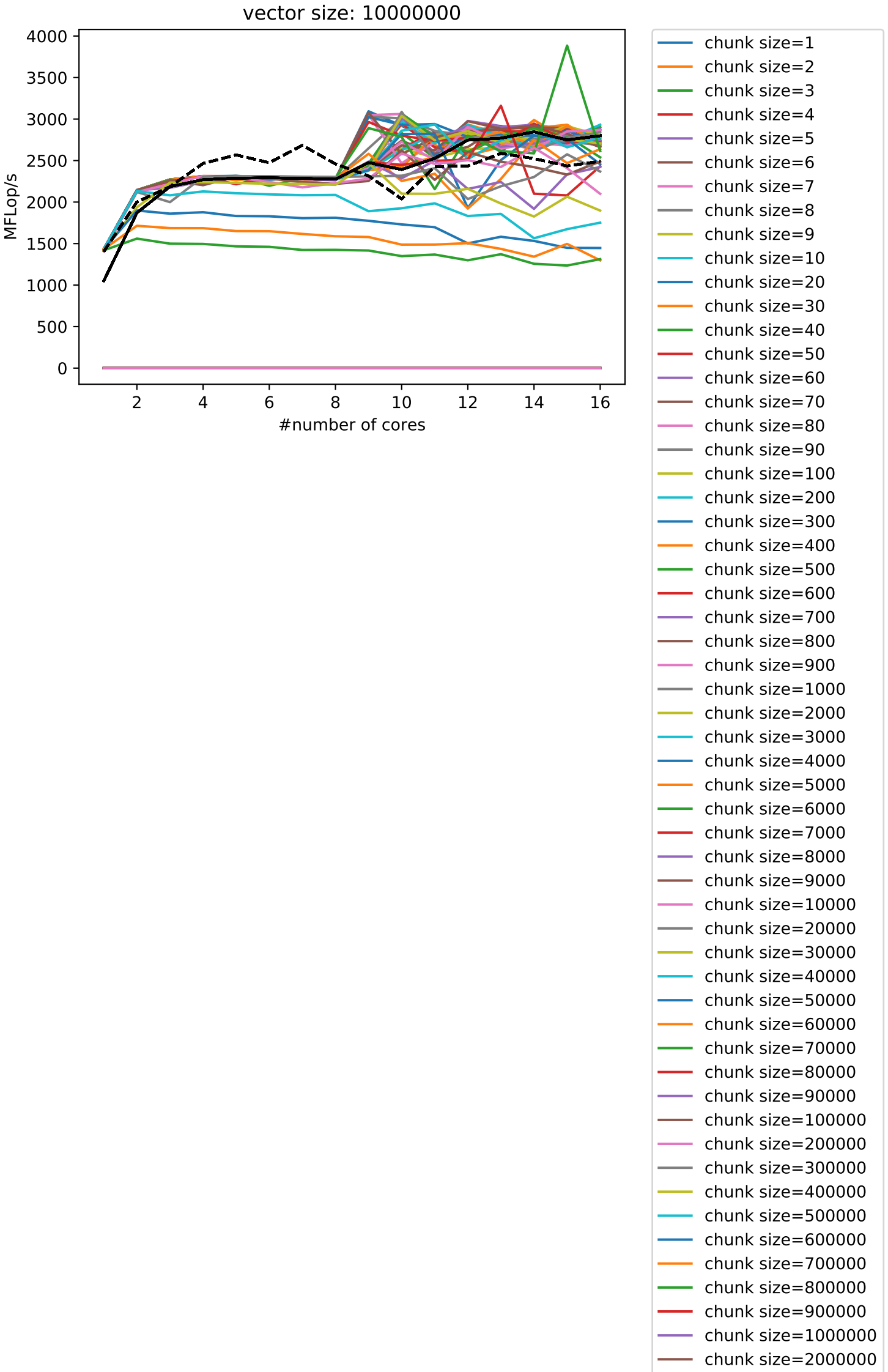
10-19-18-1417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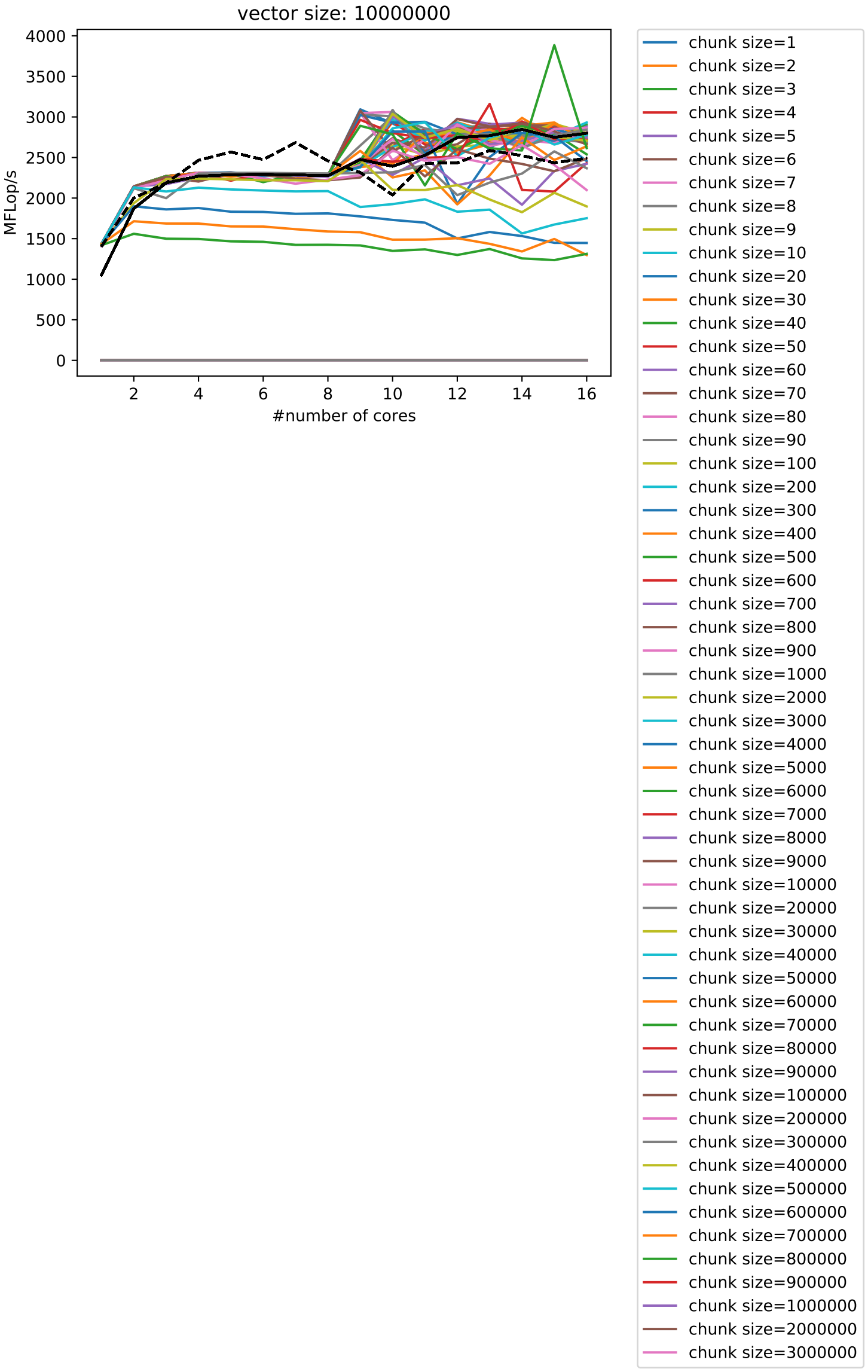
chunk size=3000
chunk size=4000
chunk size=5000
chunk size=6000
chunk size=7000
chunk size=8000
chunk size=9000
chunk size=10000
chunk size=20000
chunk size=30000
chunk size=40000
chunk size=50000
chunk size=60000
chunk size=70000
chunk size=80000
chunk size=90000
chunk size=100000
chunk size=200000
chunk size=300000
chunk size=400000
chunk size=500000
chunk size=600000
chunk size=700000
chunk size=800000
chunk size=900000
chunk size=1000000
chunk size=2000000

10-19-18-1417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MFLop/s
#number of cores
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500
1000
1500
2000
2500
3000
3500
4000
2
4
6
8
10
12
14
16
chunk size=1
chunk size=2
chunk size=3
chunk size=4
chunk size=5
chunk size=6
chunk size=7
chunk size=8
chunk size=9
chunk size=10
chunk size=20
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chunk size=100
chunk size=200
chunk size=300
chunk size=400
chunk size=500
chunk size=600
chunk size=700
chunk size=800
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chunk size=4000
chunk size=5000
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chunk size=8000
chunk size=9000
chunk size=10000
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chunk size=30000
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chunk size=200000
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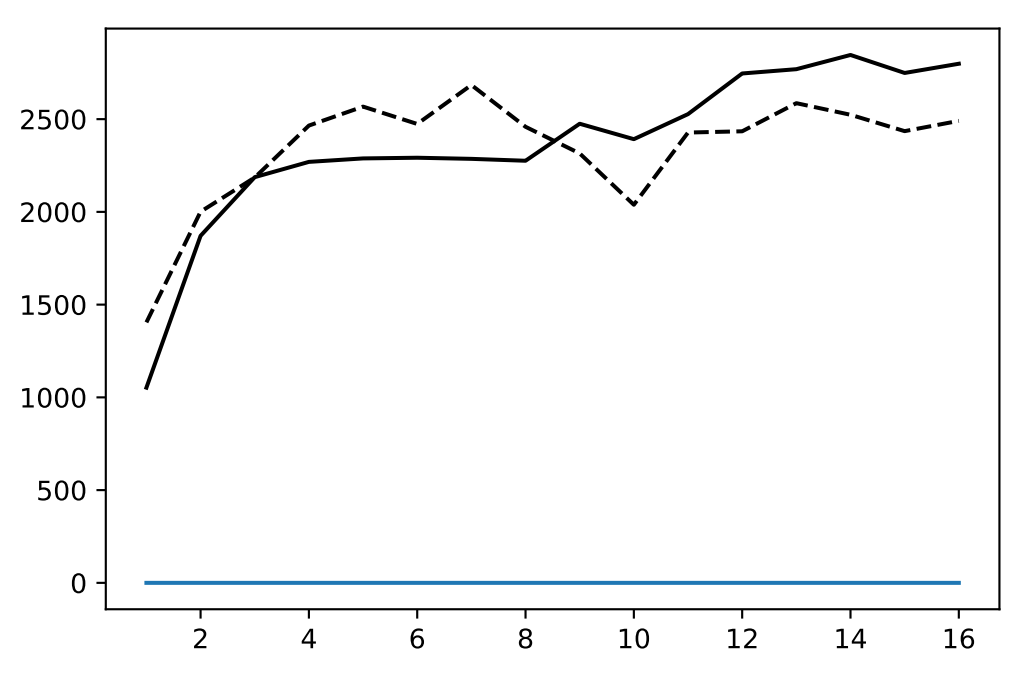
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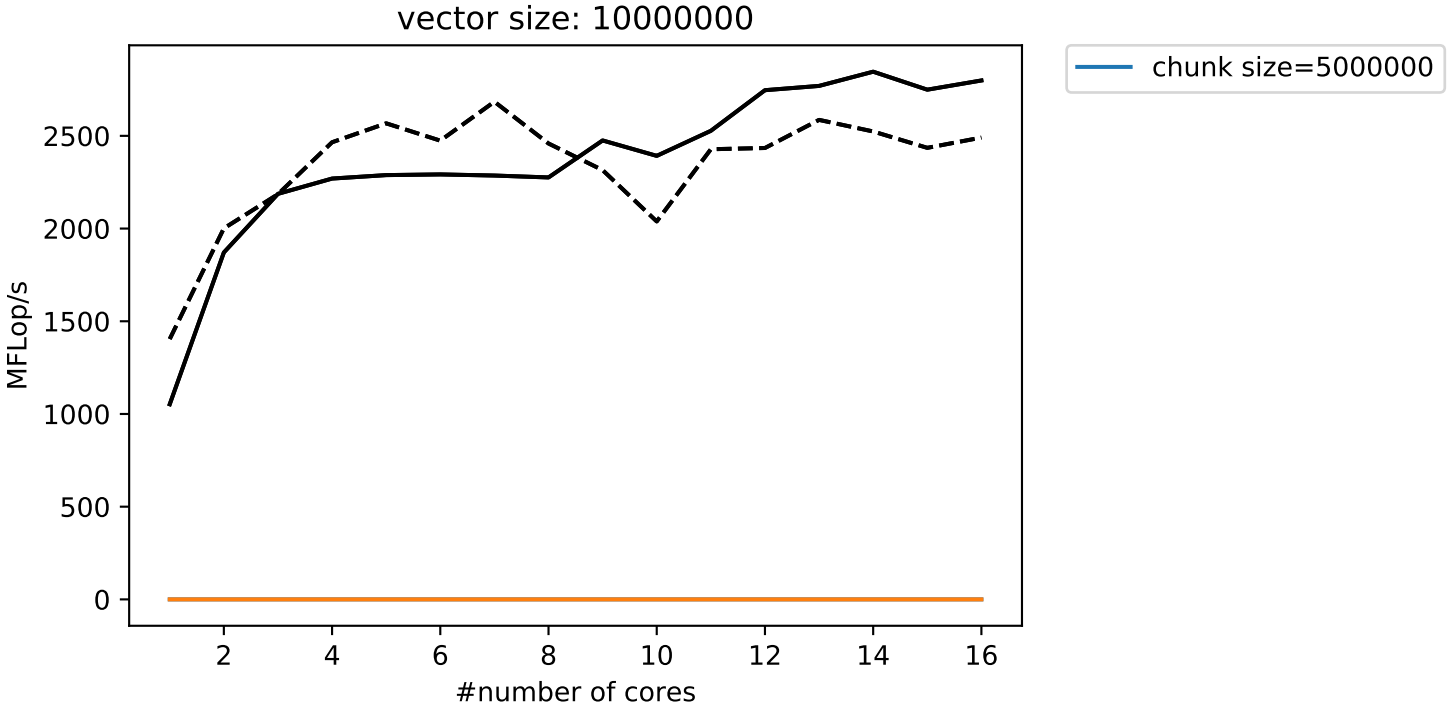
2000
1500
1000
500
0
2
4
6
8
10
12
14
16

10-19-18-1417


vector size: 10000000
chunk size=5000000
MFLop/s
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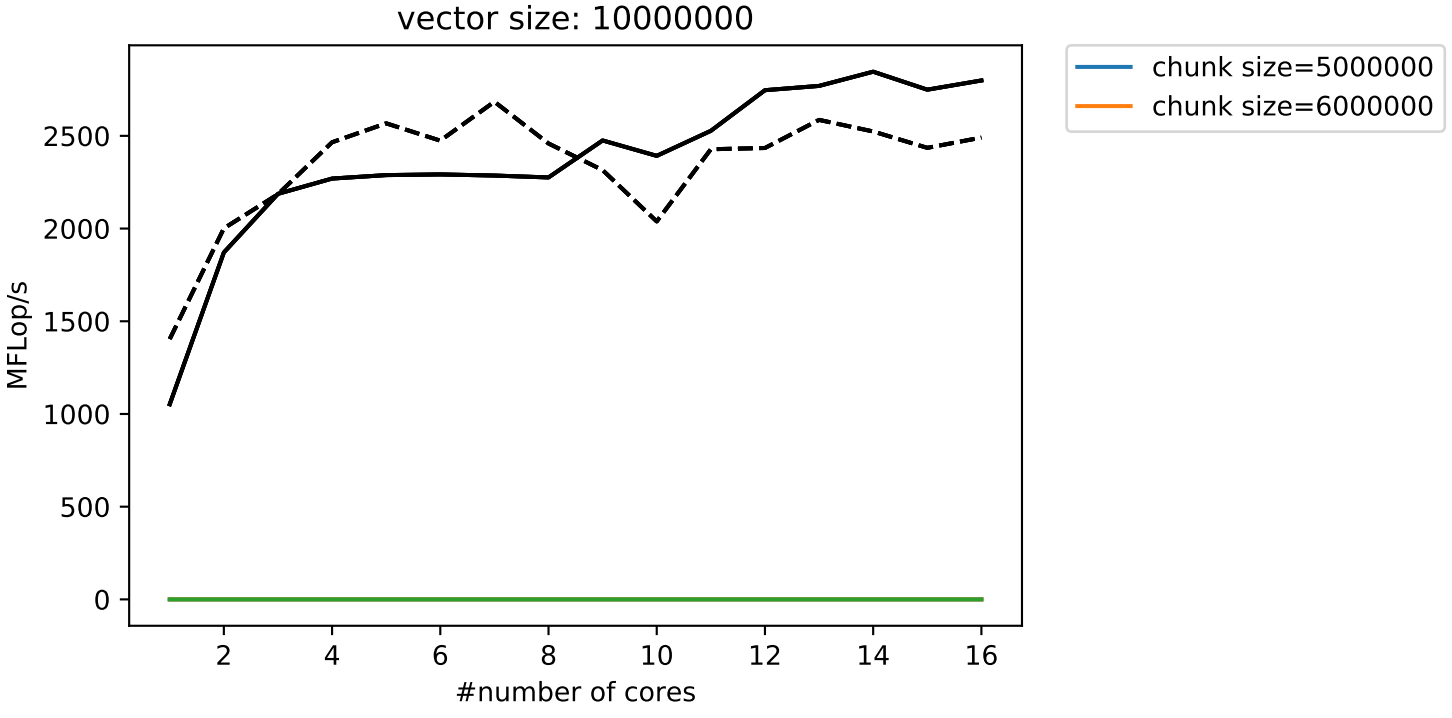
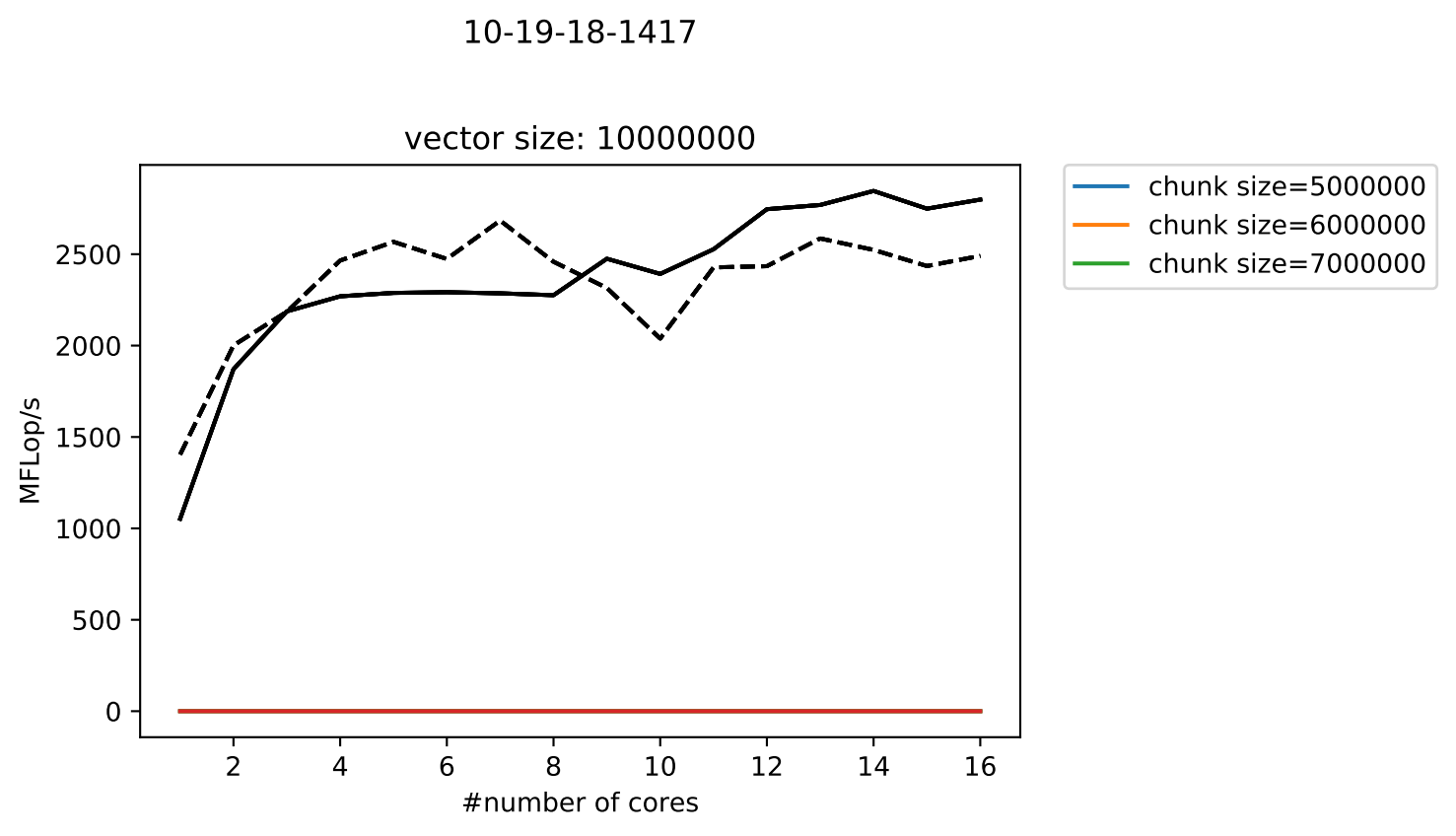
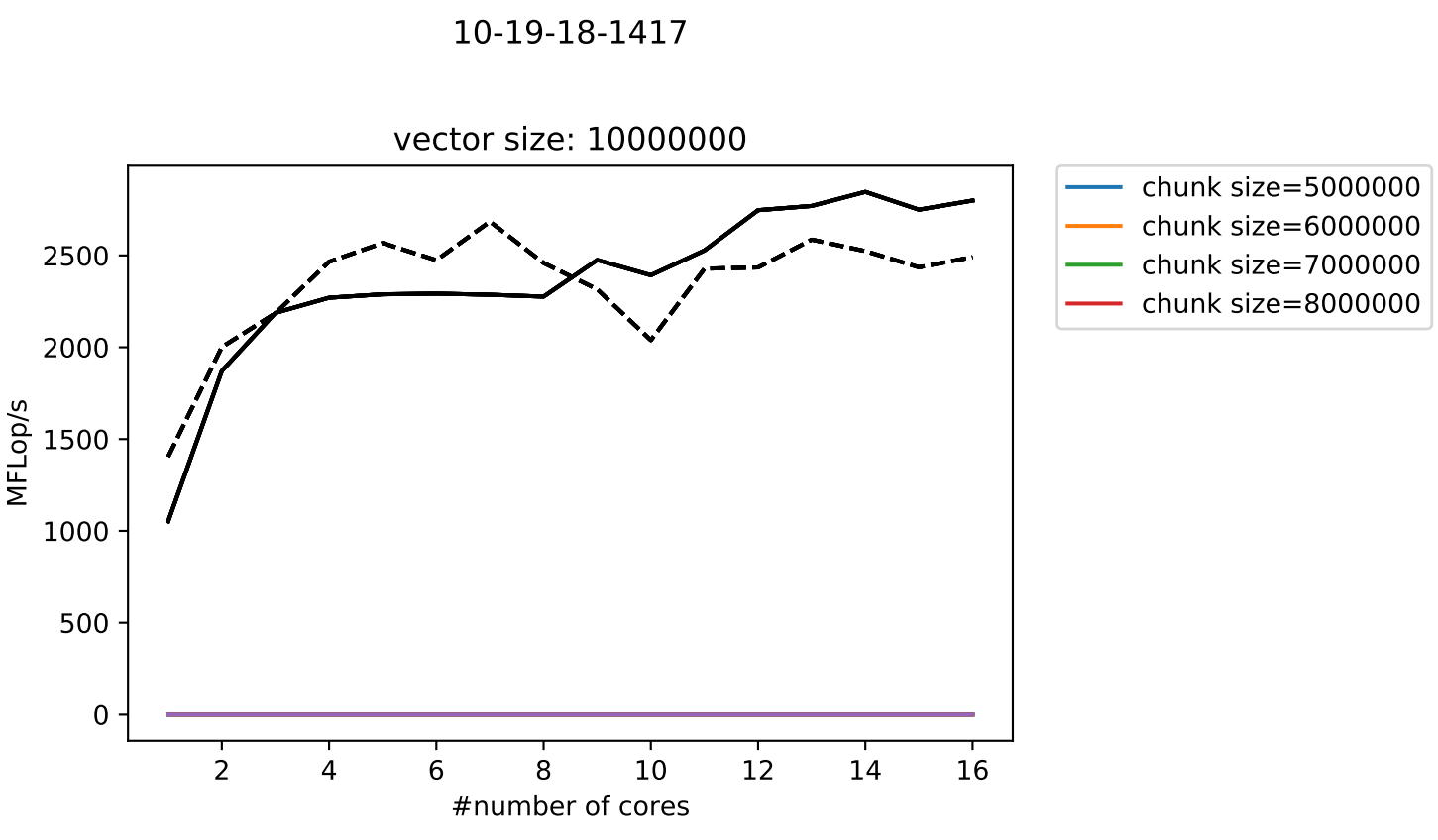
1000
1500
2000
2500
2
4
6
8
10
12
14
16
#number of cores

10-19-18-1417


vector size: 10000000
chunk size=5000000
chunk size=6000000
MFLop/s
0
500
1000
1500
2000
2500
2
4
6
8
10
12
14
16
#number of cores


10-19-18-1417
vector size: 10000000
chunk size=5000000
chunk size=6000000
chunk size=7000000
MFLop/s
0
500
1000
1500
2000
2500
2
4
6
8
10
12
14
16
#number of cores


10-19-18-1417
vector size: 10000000
chunk size=5000000
chunk size=6000000
chunk size=7000000
chunk size=8000000
MFLop/s
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1000
1500
2000
2500
2
4
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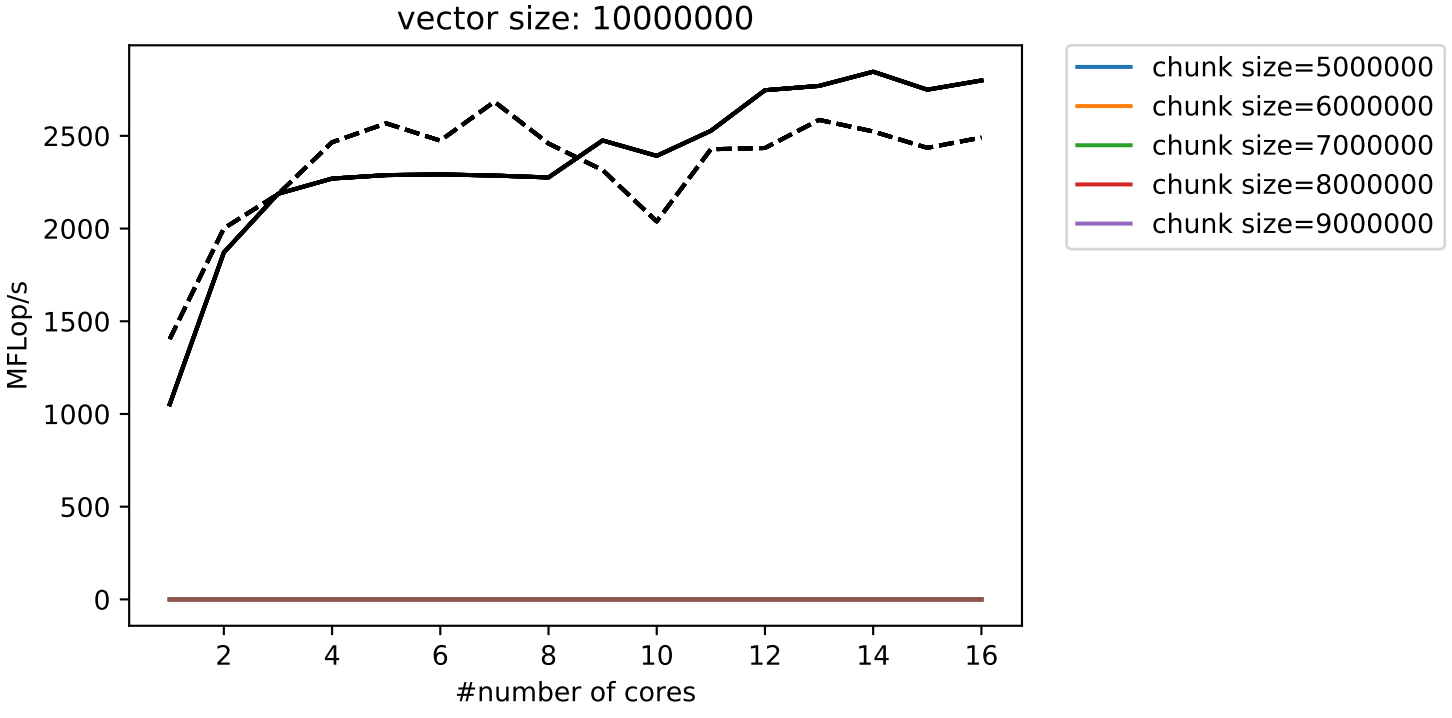
8
10
12
14
16
#number of cores

10-19-18-1417


vector size: 10000000
MFLop/s
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2000
2500
2
4
6
8
10
12
14
16
#number of cores
chunk size=5000000
chunk size=6000000
chunk size=7000000
chunk size=8000000
chunk size=9000000