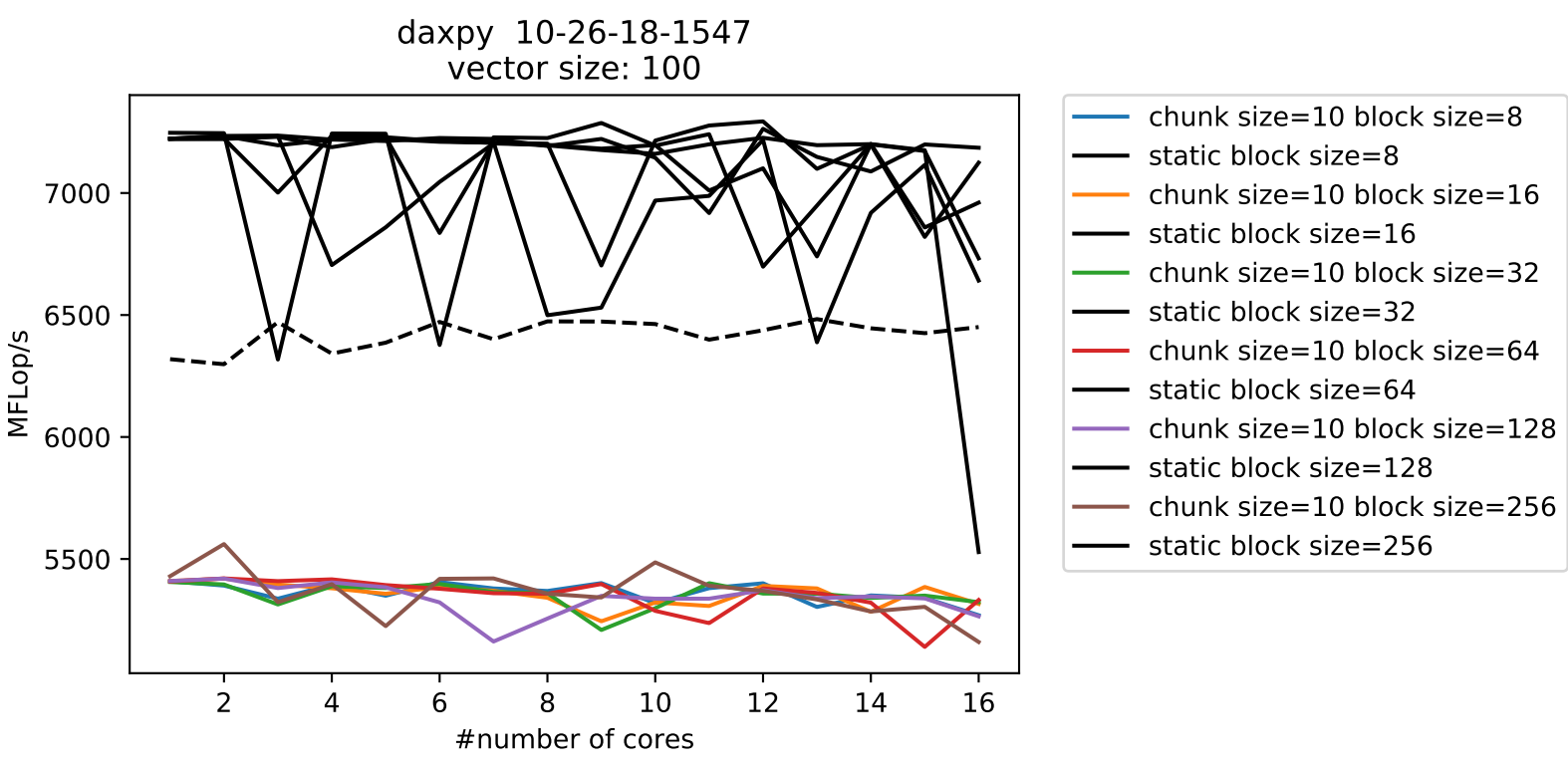
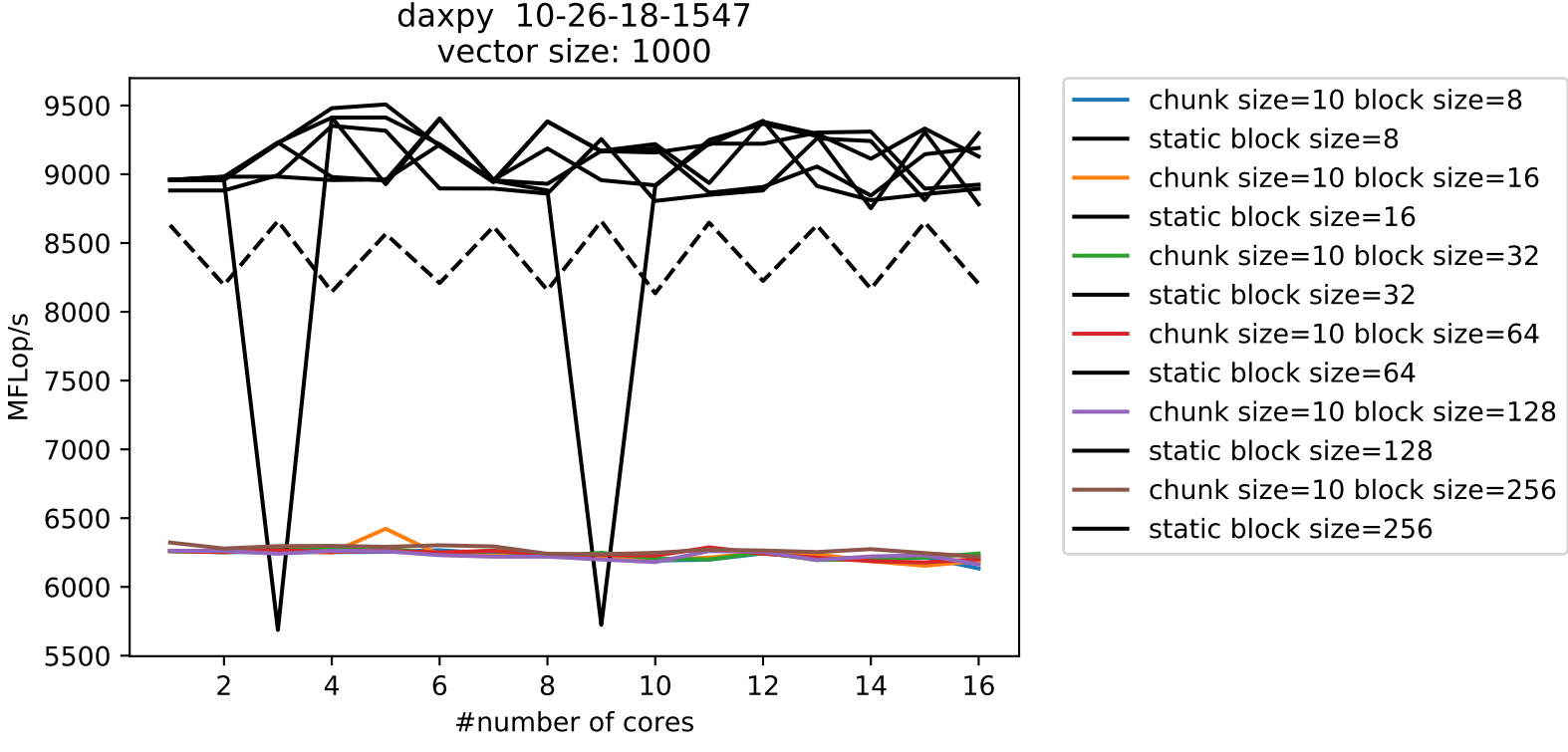
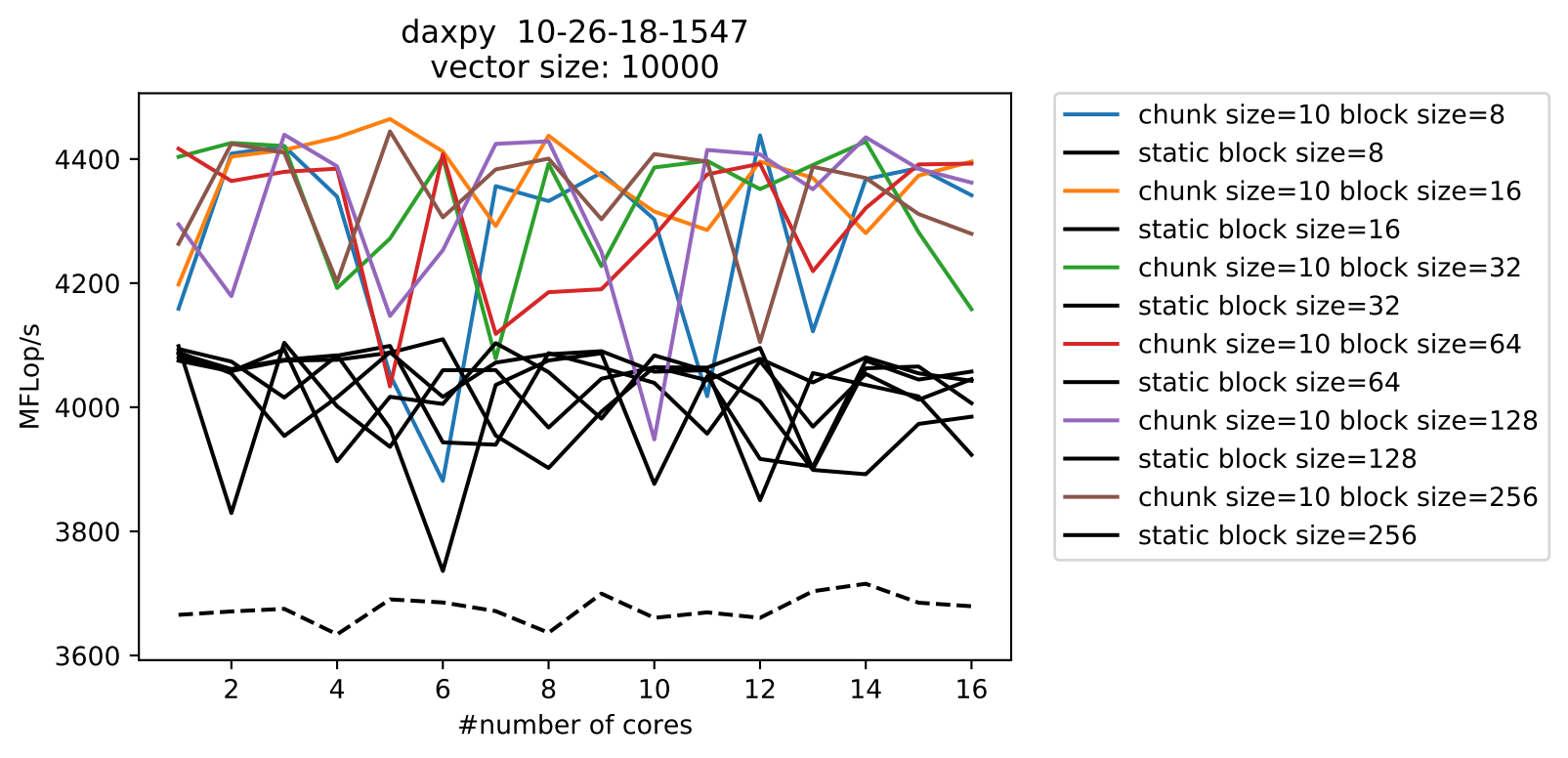
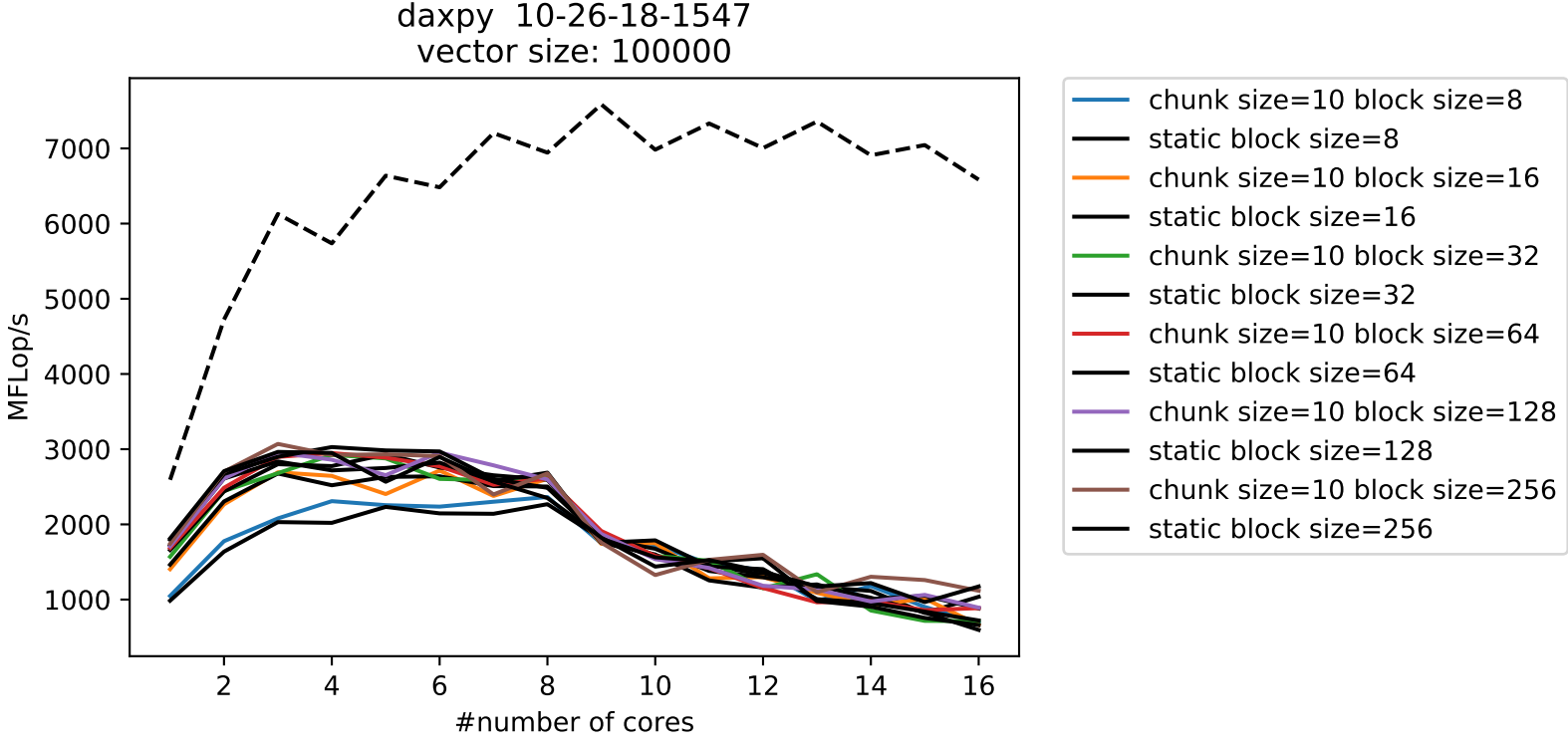
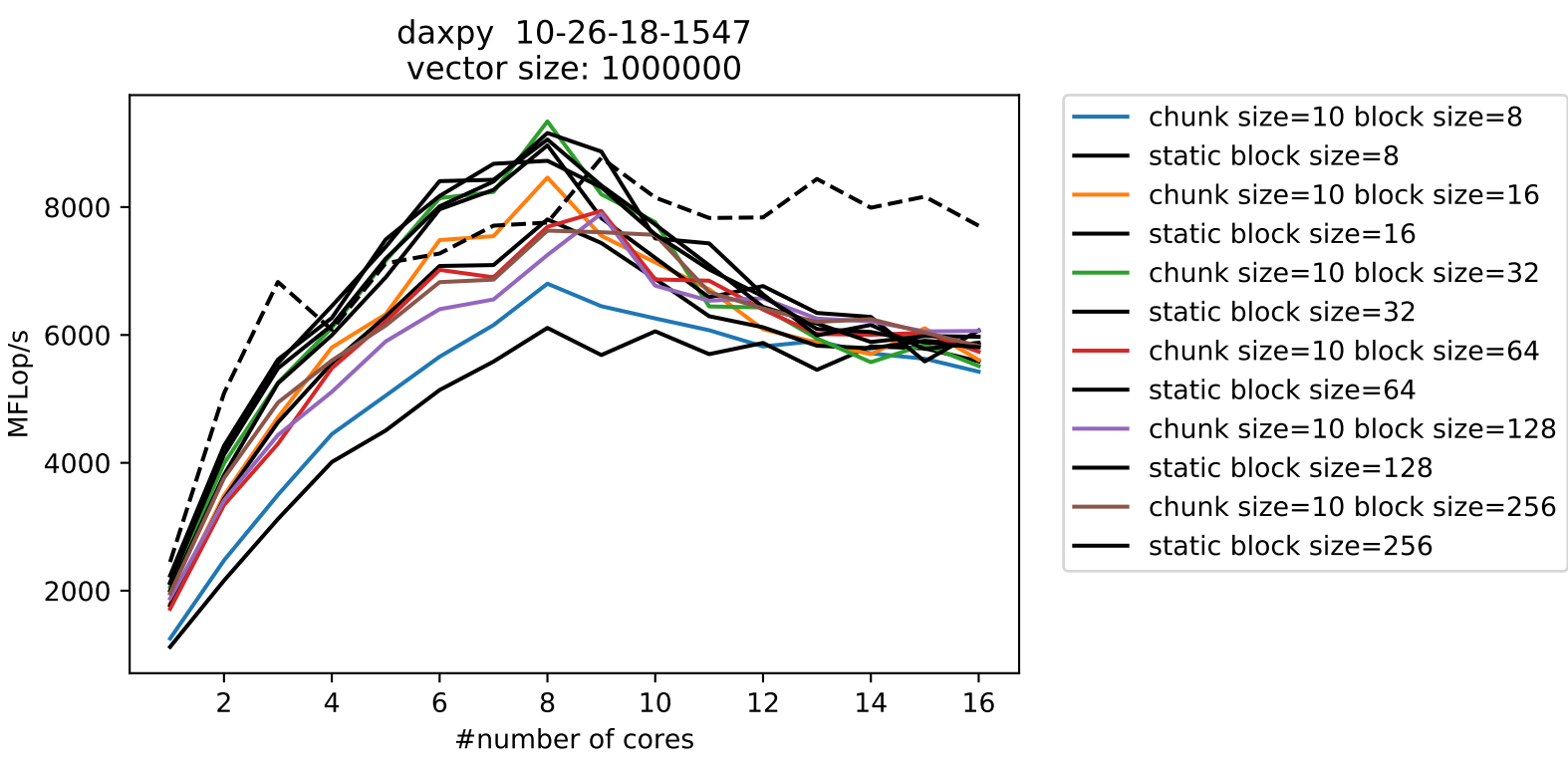
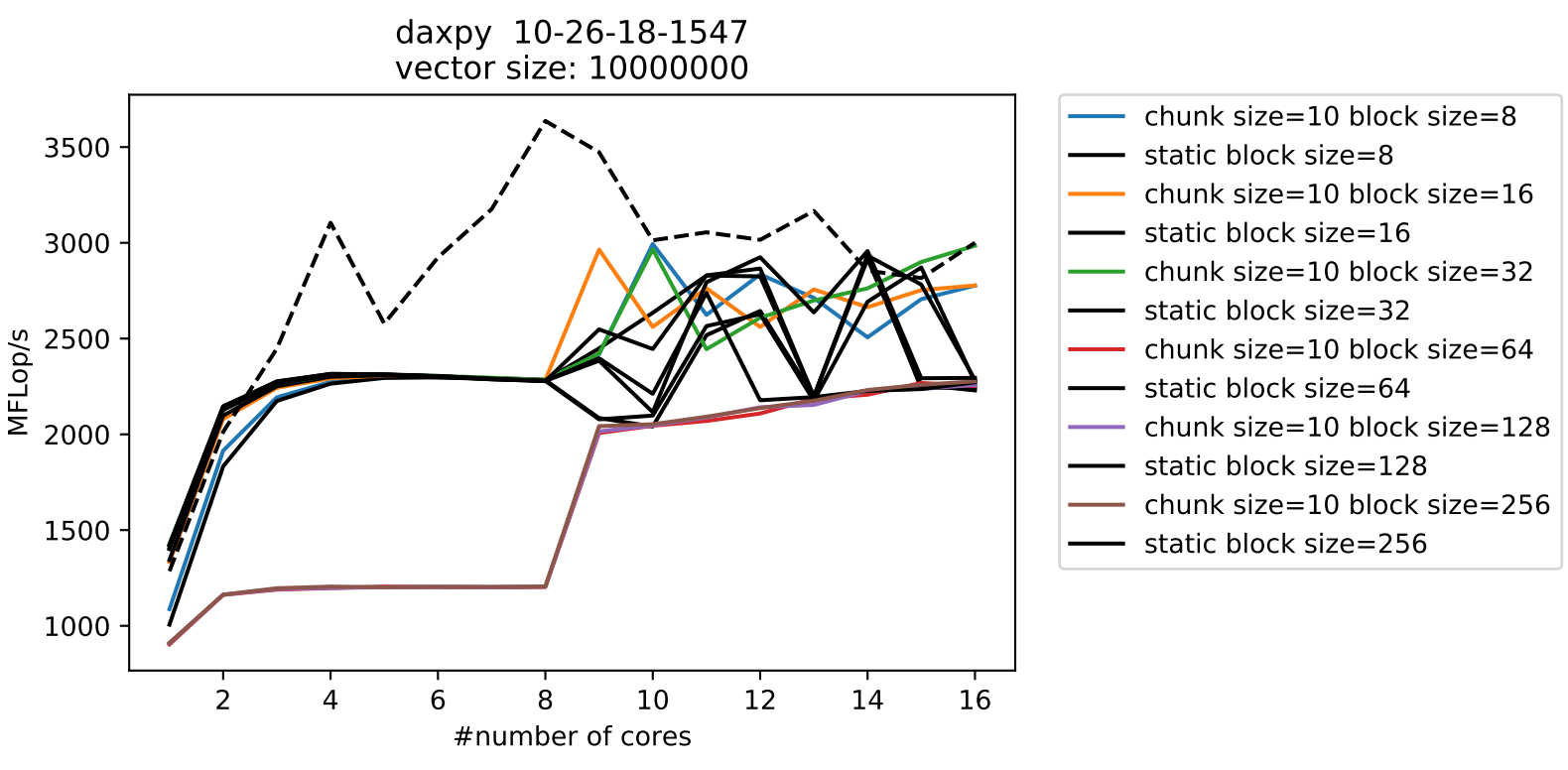

daxpy 10-26-18-1547
vector size: 100
MFLop/s
7000
6500
6000
5500
2
4
6
8
10
12
14
16
#number of cores
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256

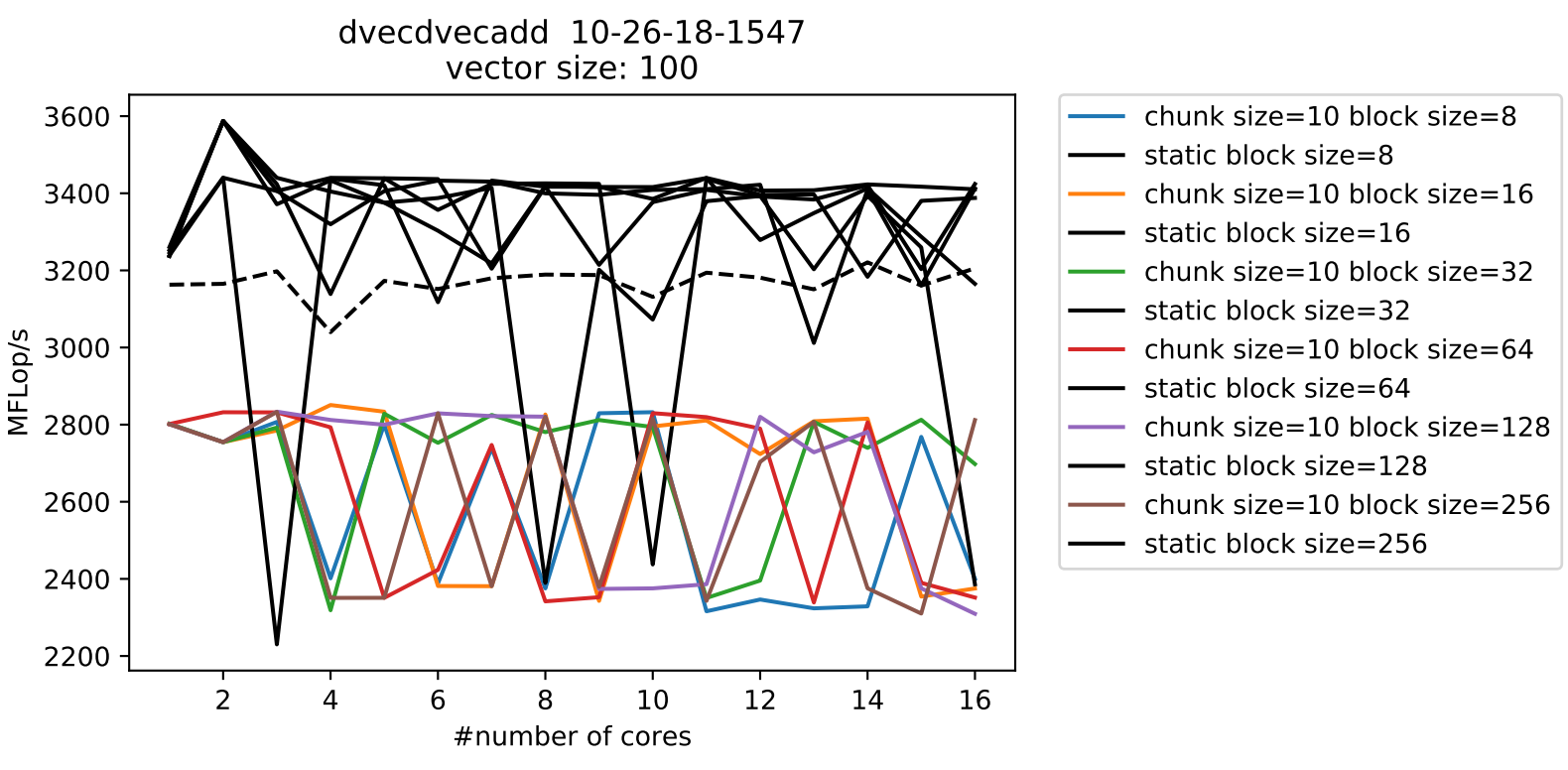

daxpy 10-26-18-1547
vector size: 1000
MFLop/s
#number of cores
9500
9000
8500
8000
7500
7000
6500
6000
5500
2
4
6
8
10
12
14
16
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256

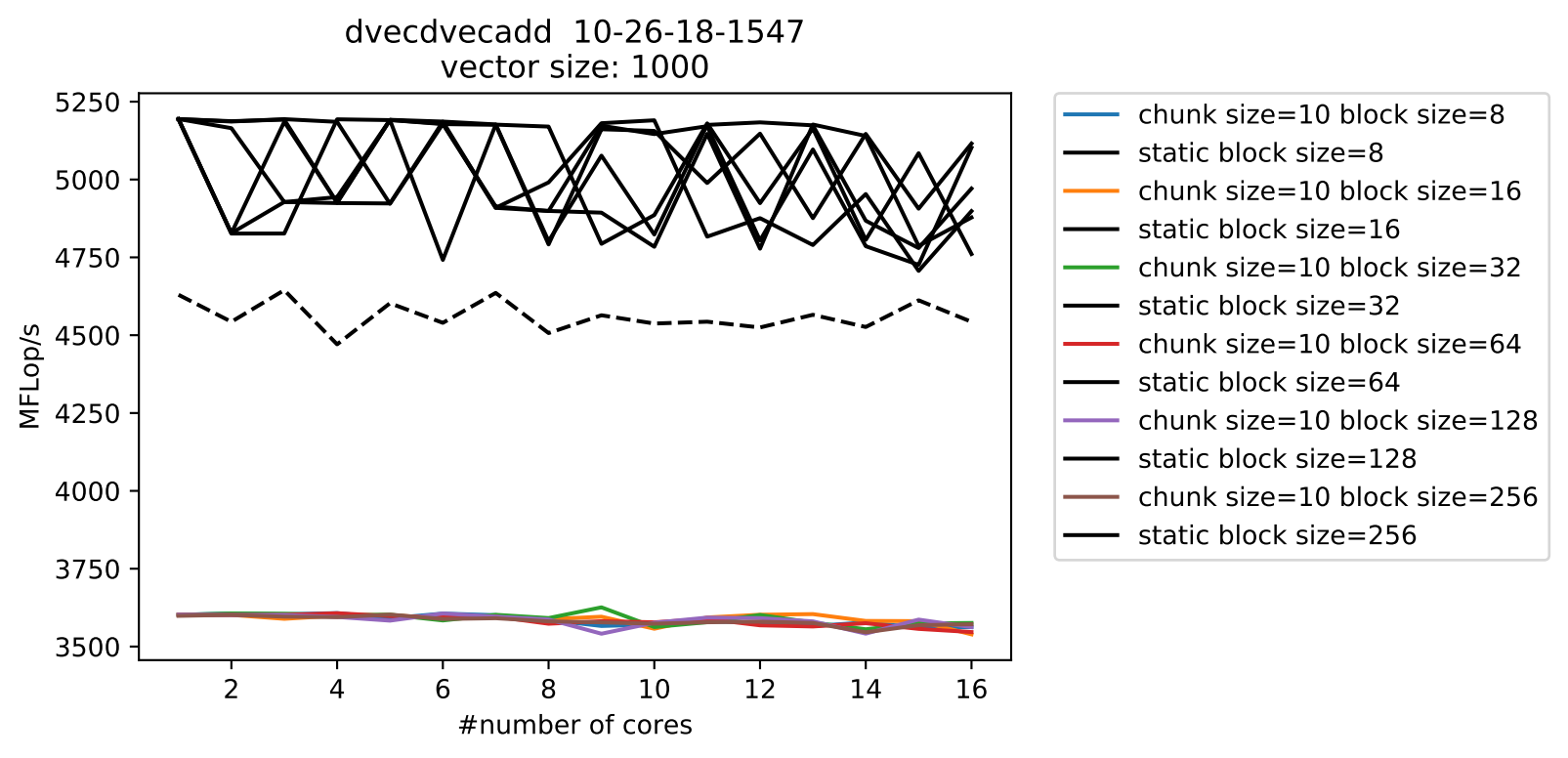

daxpy 10-26-18-1547
vector size: 10000
MFLop/s
4400
4200
4000
3800
3600
2
4
6
8
10
12
14
16
#number of cores
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256

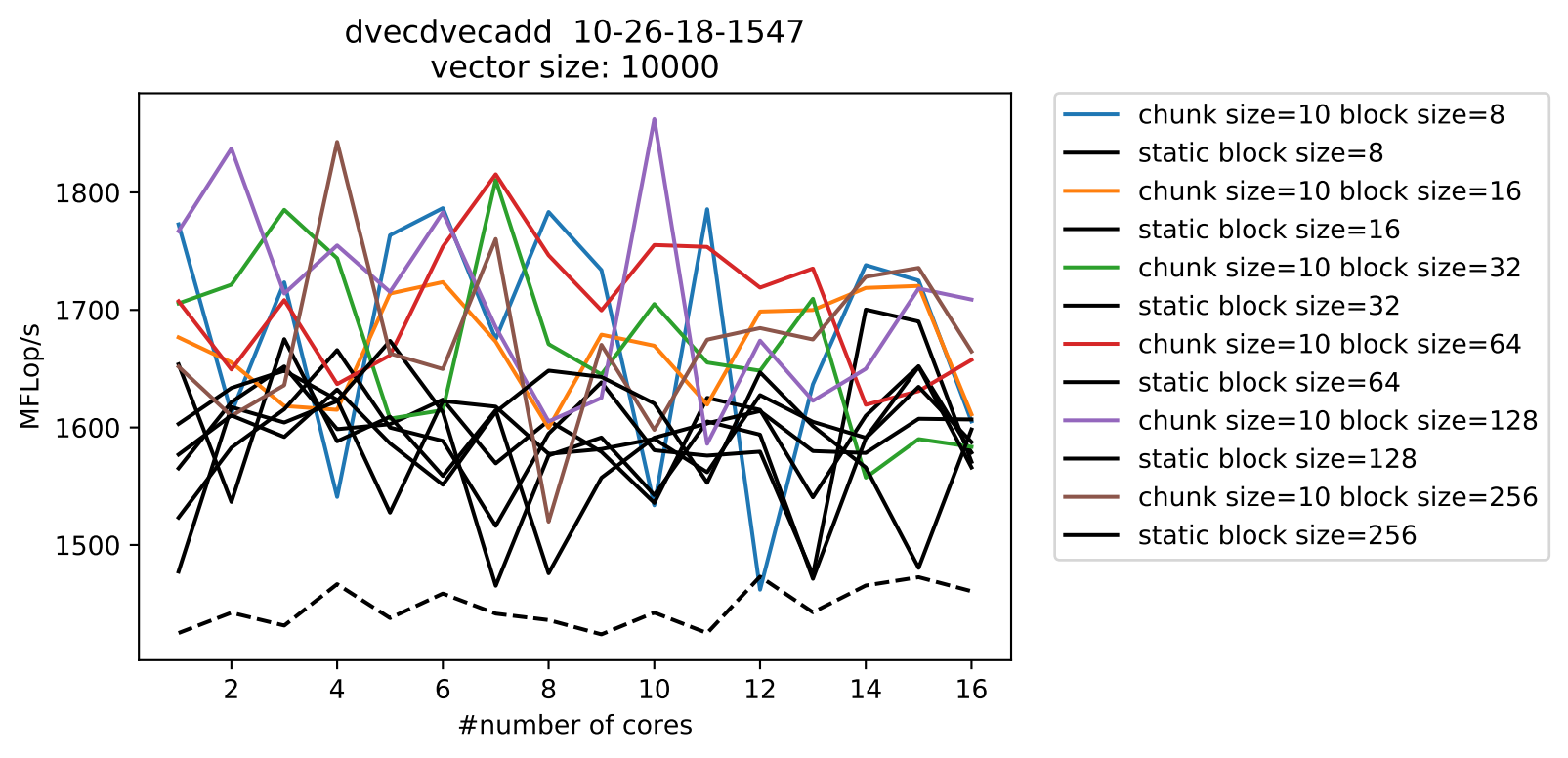

daxpy 10-26-18-1547
vector size: 100000
MFLop/s
#number of cores
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256

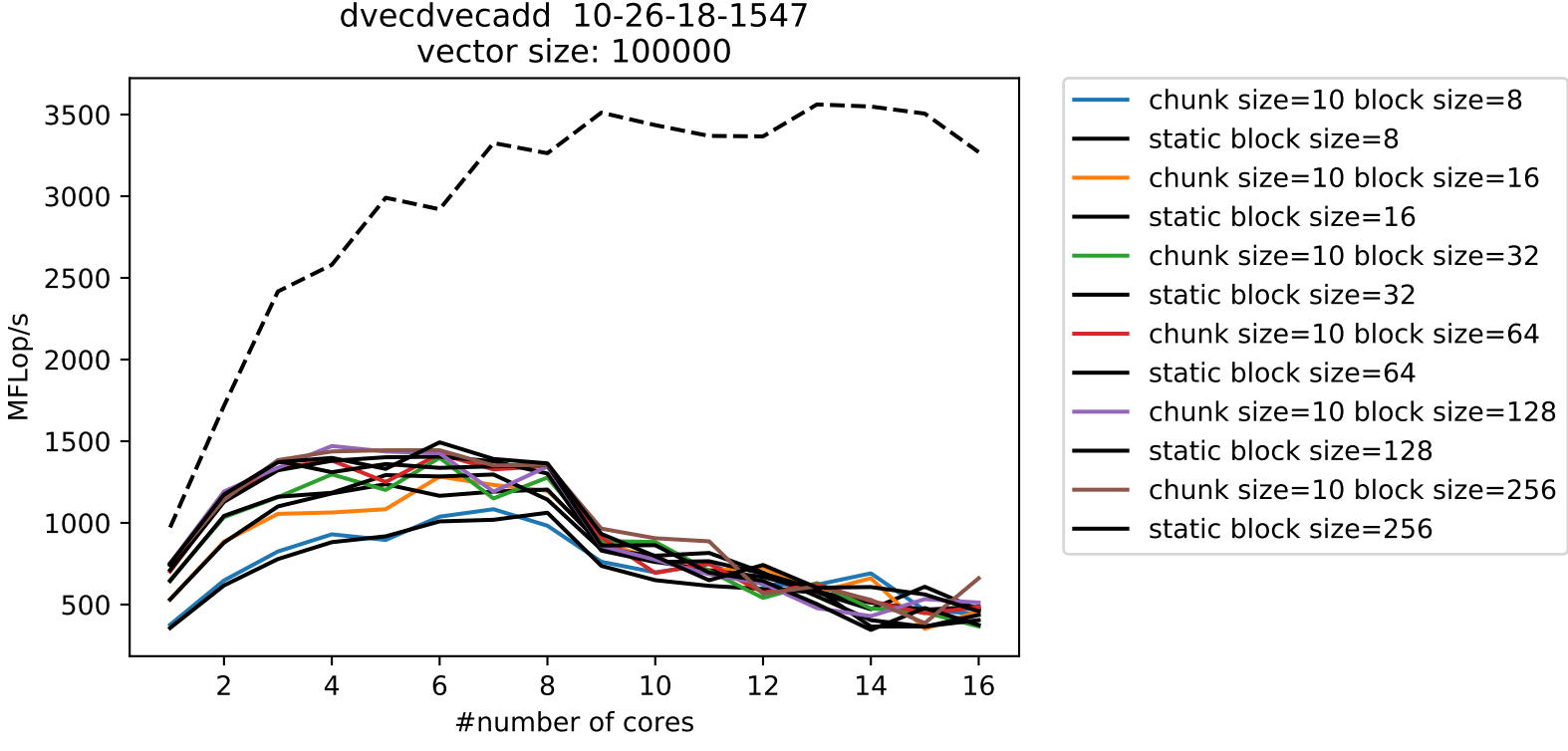

daxpy 10-26-18-1547
vector size: 1000000
MFLop/s
8000
6000
4000
2000
2
4
6
8
10
12
14
16
#number of cores
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256

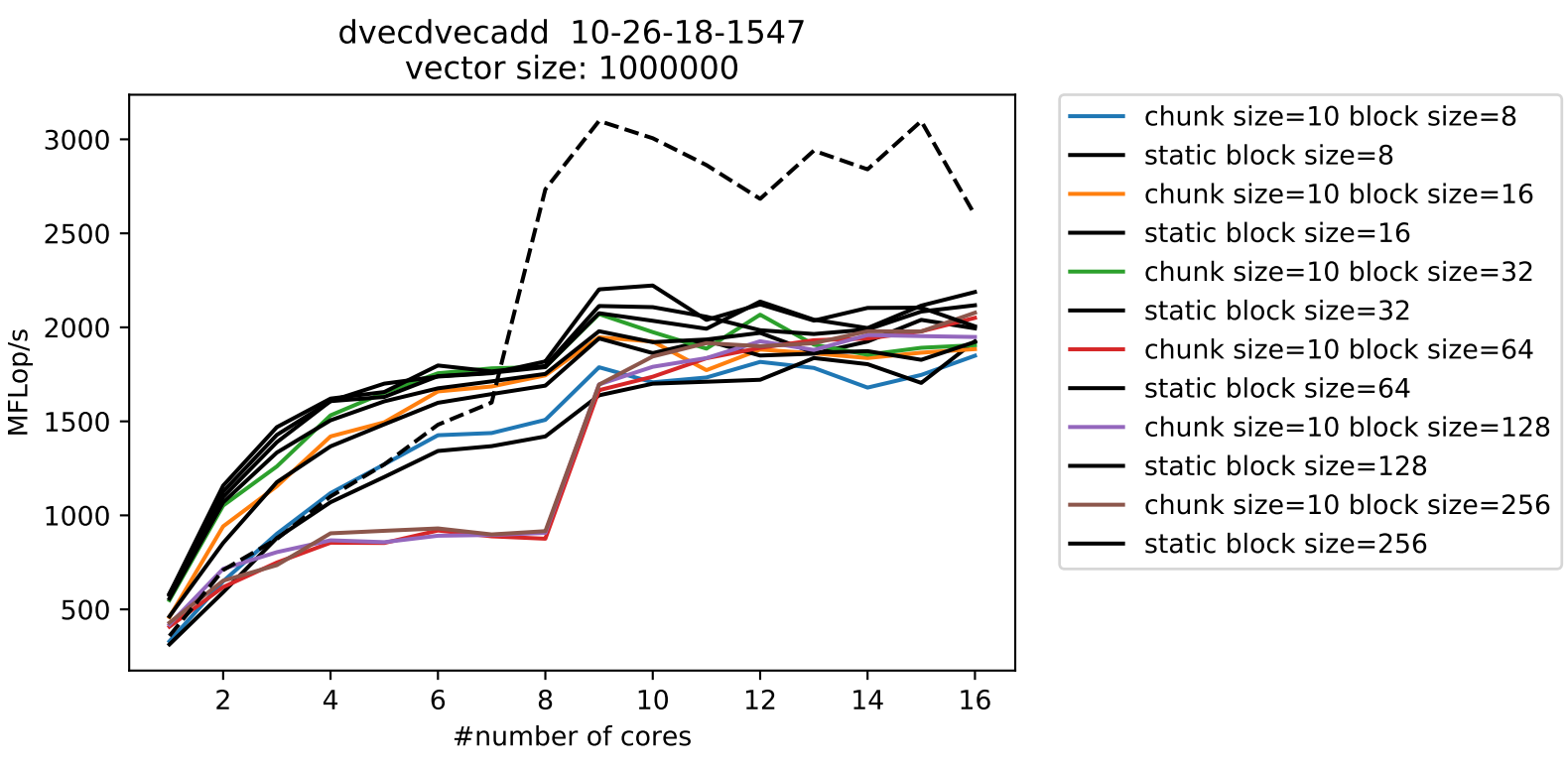

daxpy 10-26-18-1547
vector size: 10000000
MFLop/s
#number of cores
3500
3000
2500
2000
1500
1000
2
4
6
8
10
12
14
16
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256

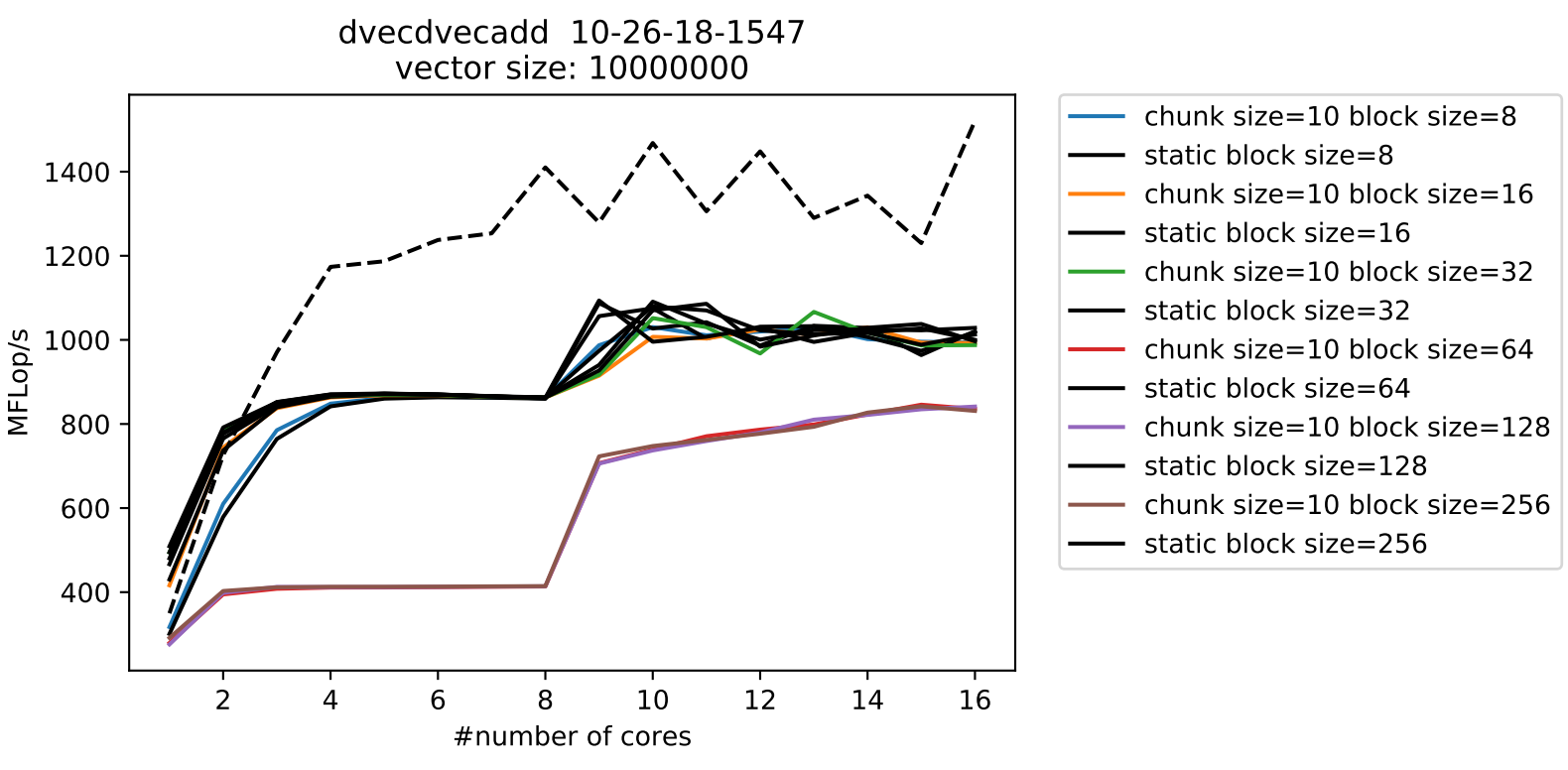

dvecdvecadd 10-26-18-1547
vector size: 100
MFLop/s
#number of cores
3600
3400
3200
3000
2800
2600
2400
2200
2
4
6
8
10
12
14
16
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256


dvecdvecadd 10-26-18-1547
vector size: 1000
MFLop/s
#number of cores
5250
5000
4750
4500
4250
4000
3750
3500
2
4
6
8
10
12
14
16
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256


dvecdvecadd 10-26-18-1547
vector size: 10000
MFLop/s
1800
1700
1600
1500
2
4
6
8
10
12
14
16
#number of cores
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256


dvecdvecadd 10-26-18-1547
vector size: 100000
MFLop/s
#number of cores
3500
3000
2500
2000
1500
1000
500
2
4
6
8
10
12
14
16
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256


dvecdvecadd 10-26-18-1547
vector size: 1000000
MFLop/s
#number of cores
3000
2500
2000
1500
1000
500
2
4
6
8
10
12
14
16
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256


dvecdvecadd 10-26-18-1547
vector size: 10000000
MFLop/s
#number of cores
1400
1200
1000
800
600
400
2
4
6
8
10
12
14
16
chunk size=10 block size=8
static block size=8
chunk size=10 block size=16
static block size=16
chunk size=10 block size=32
static block size=32
chunk size=10 block size=64
static block size=64
chunk size=10 block size=128
static block size=128
chunk size=10 block size=256
static block size=256