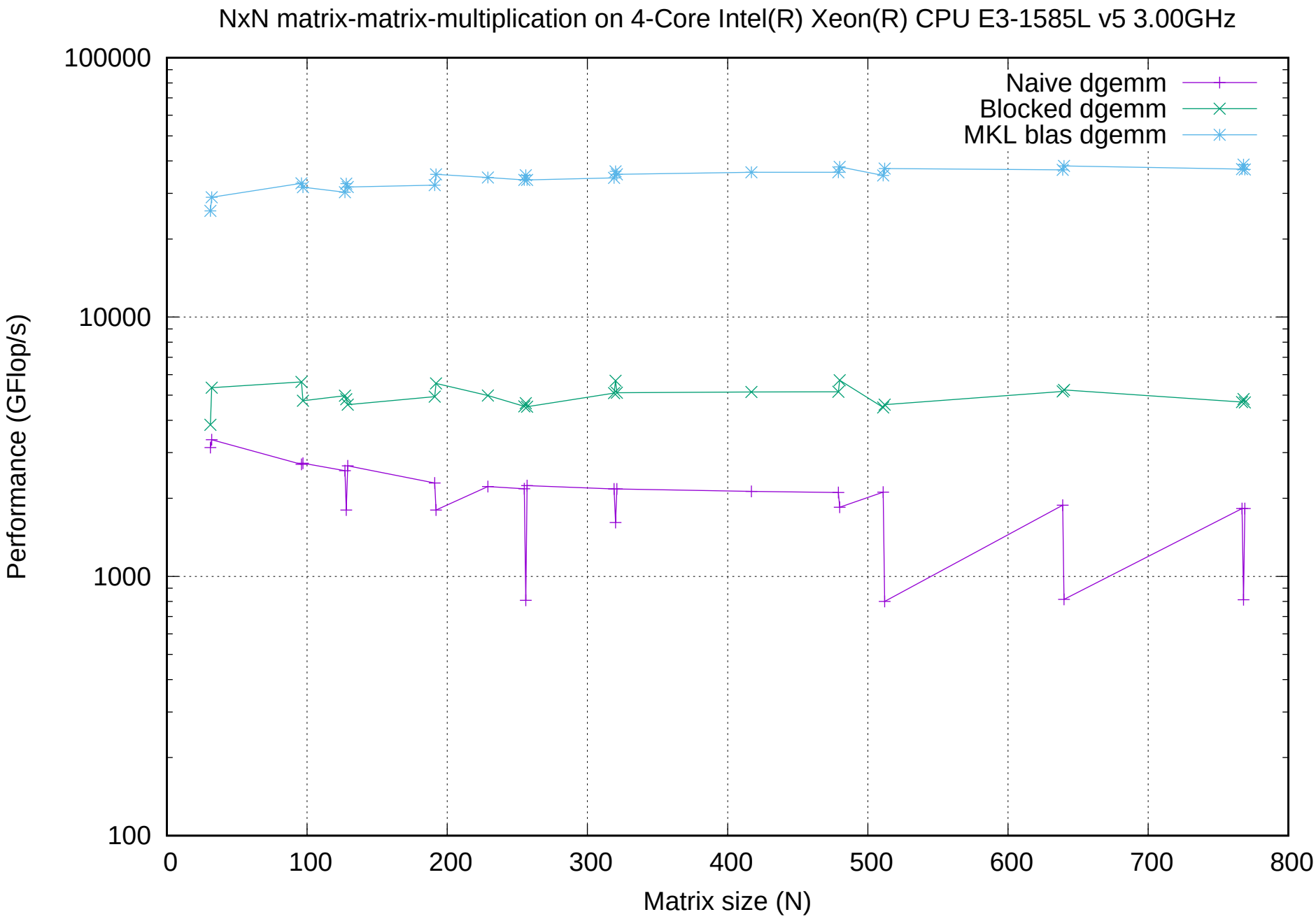
NxN matrix-matrix-multiplication on 4-Core Intel(R) Xeon(R) CPU E3-1585L v5 3.00GHz
Naive dgemm
Blocked dgemm
MKL blas dgemm
Performance (GFlop/s)
100000
10000
1000
100
0
100
200
300
400
500
600
700
800
Matrix size (N)