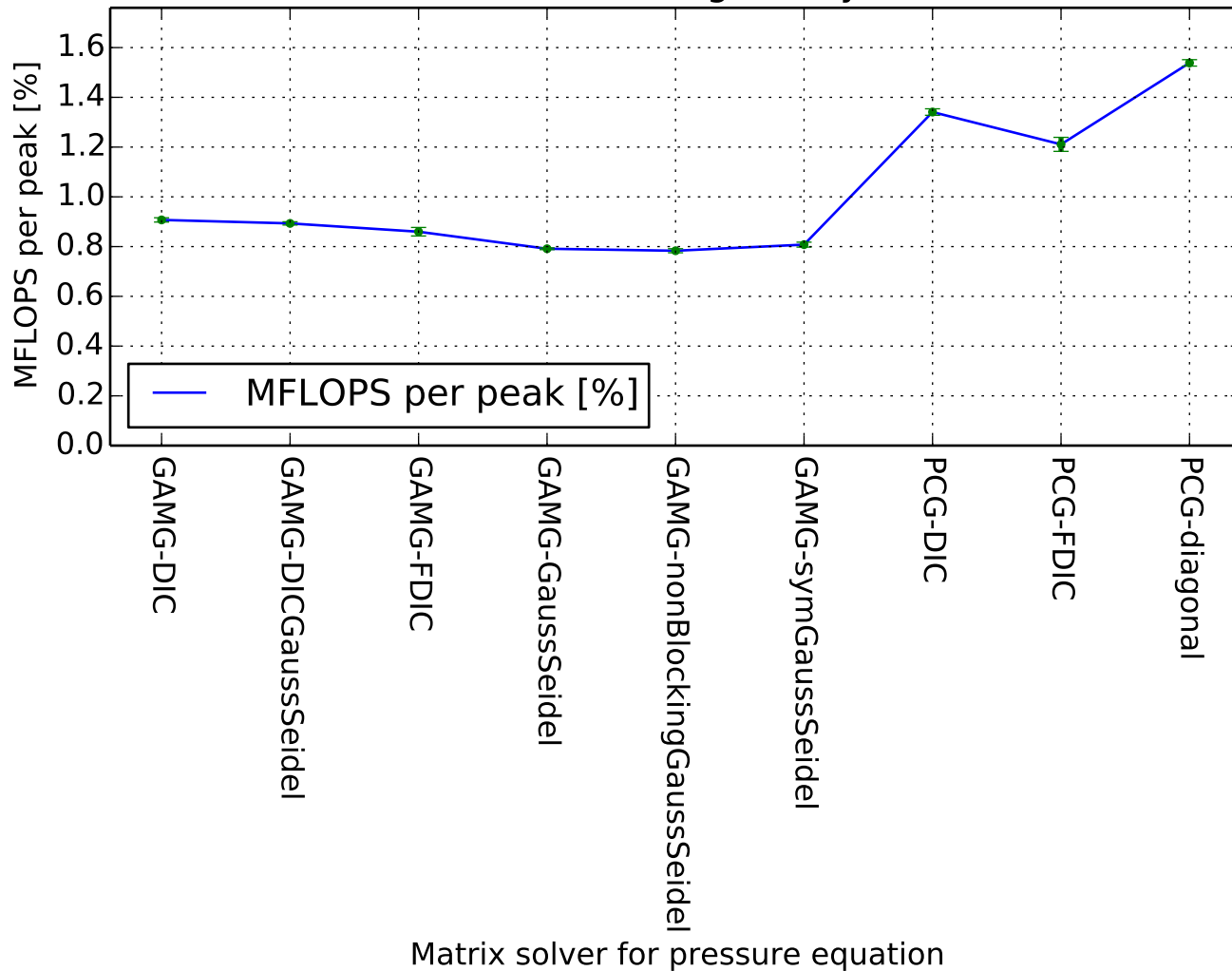
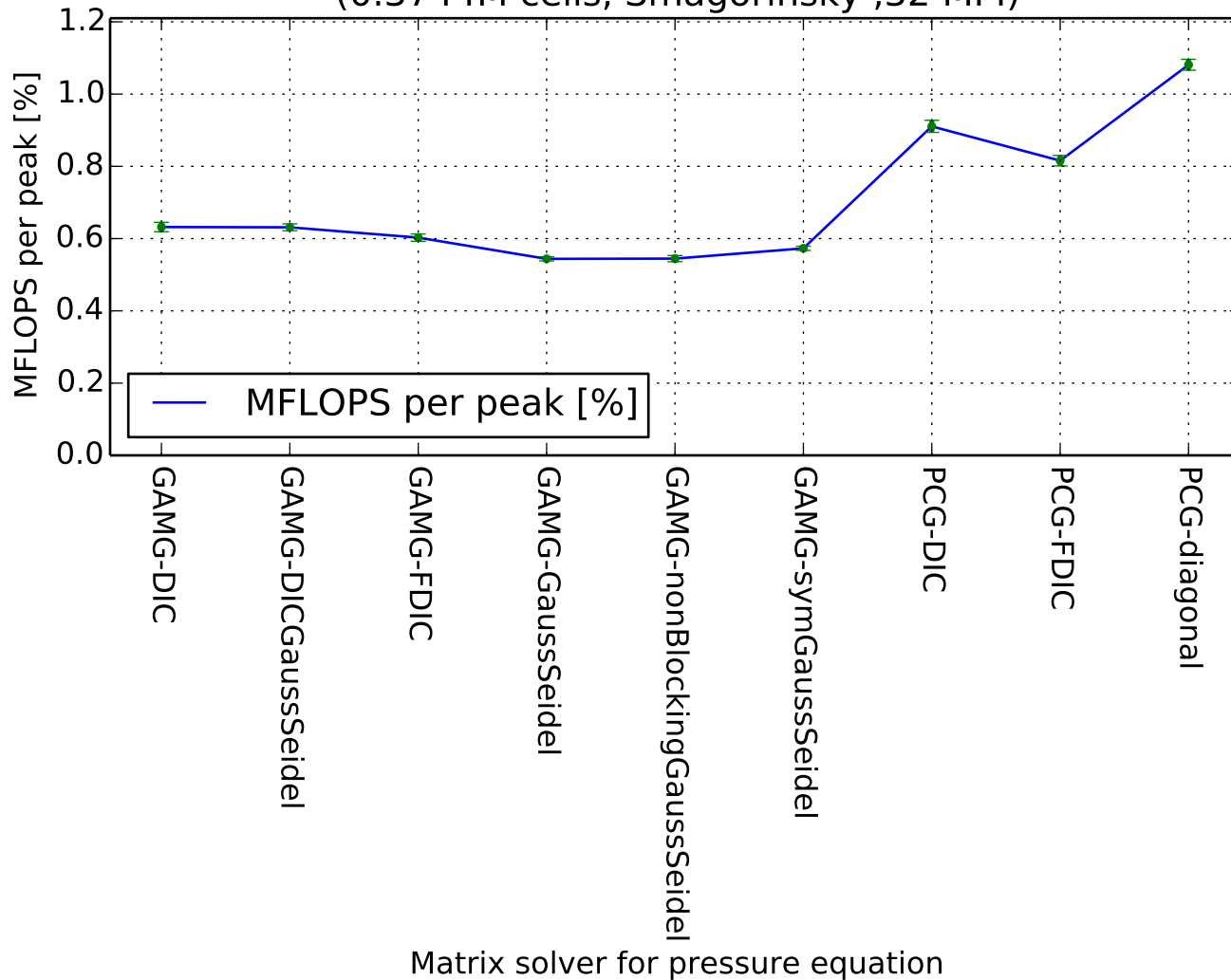


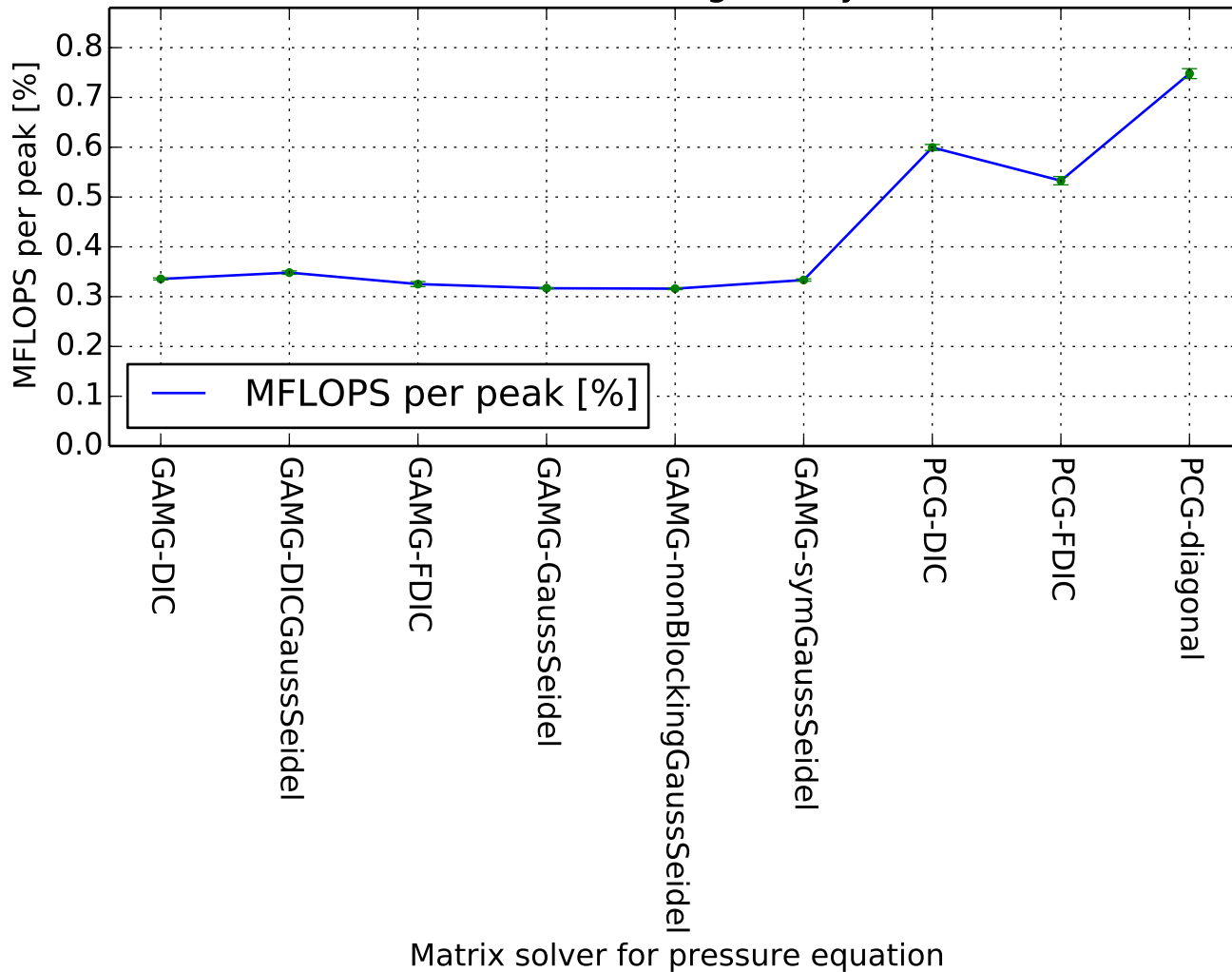
MFLOPS per peak
(0.3744M cells, Smagorinsky ,16 MPI)



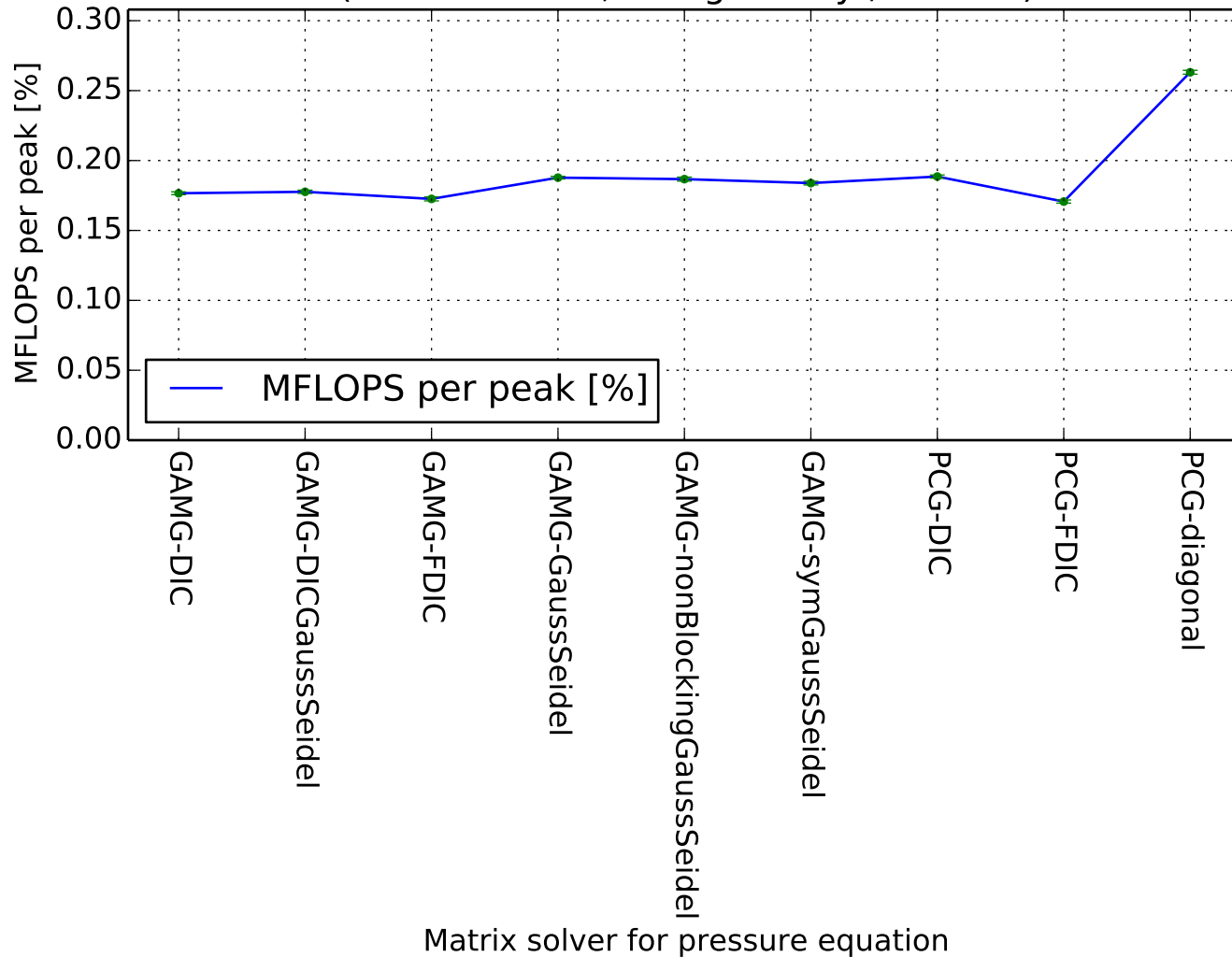
MFLOPS per peak
(0.3744M cells, Smagorinsky ,32 MPI)



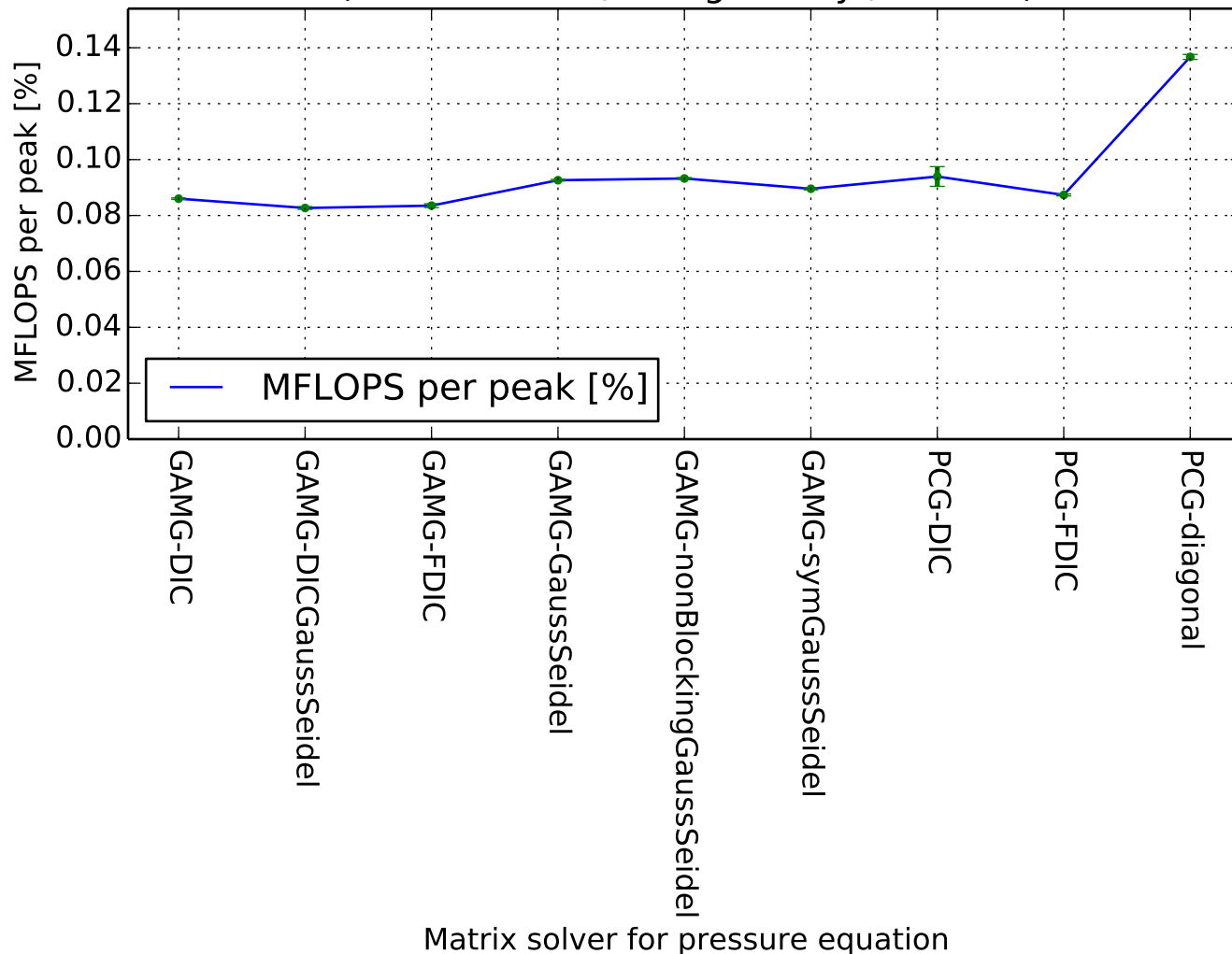
MFLOPS per peak
(0.3744M cells, Smagorinsky ,64 MPI)



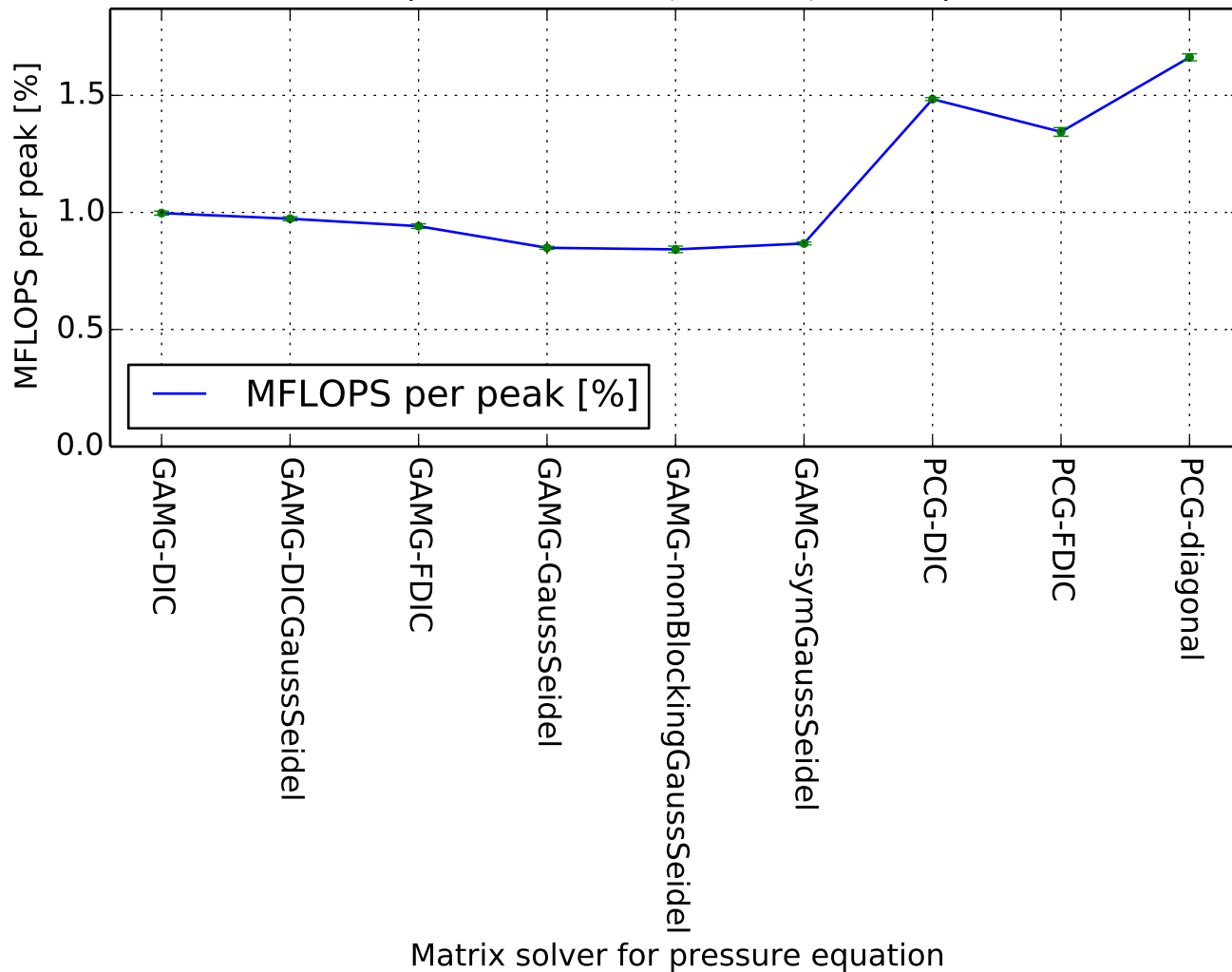
MFLOPS per peak
(0.3744M cells, Smagorinsky ,128 MPI)



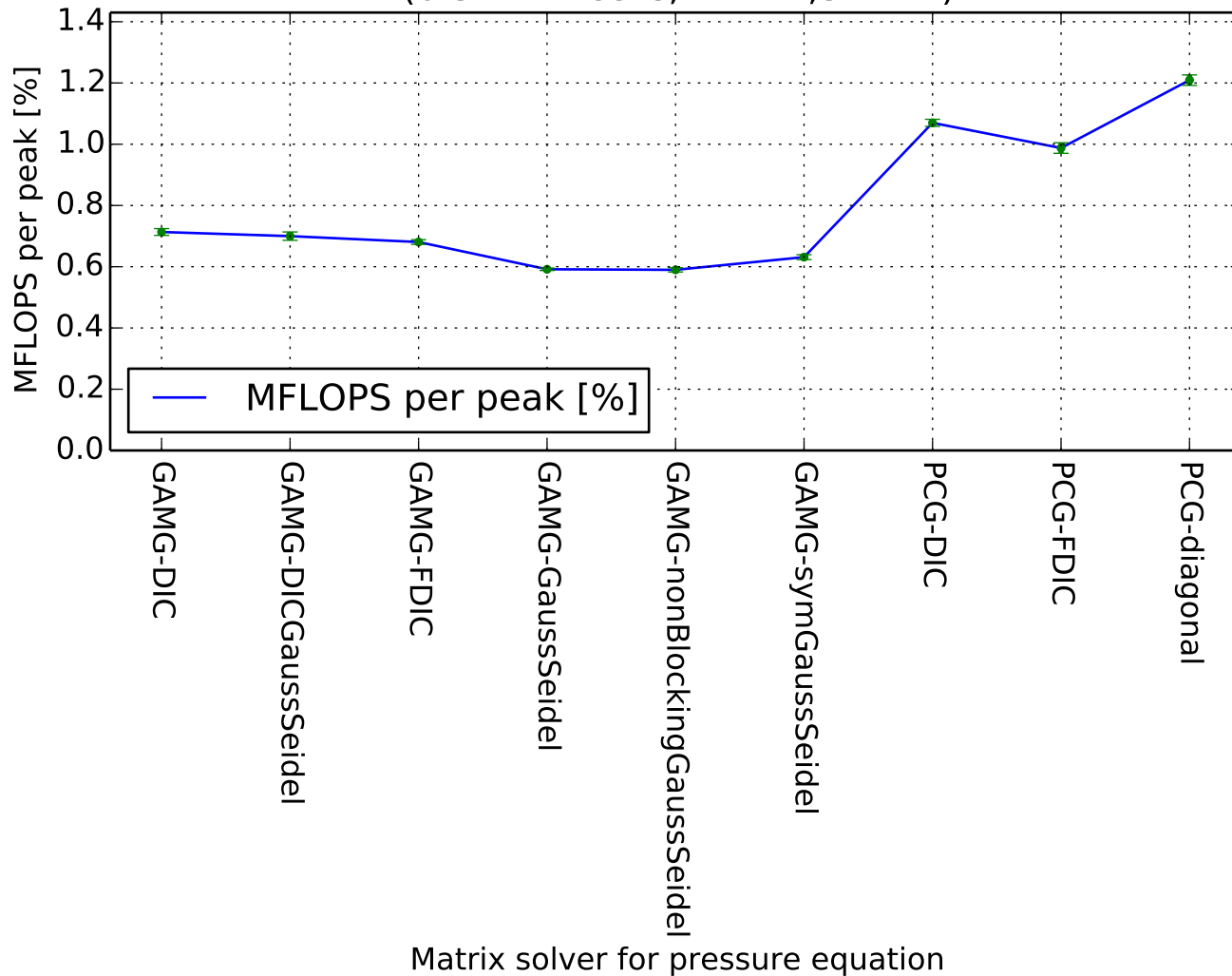
MFLOPS per peak
(0.3744M cells, Smagorinsky ,192 MPI)



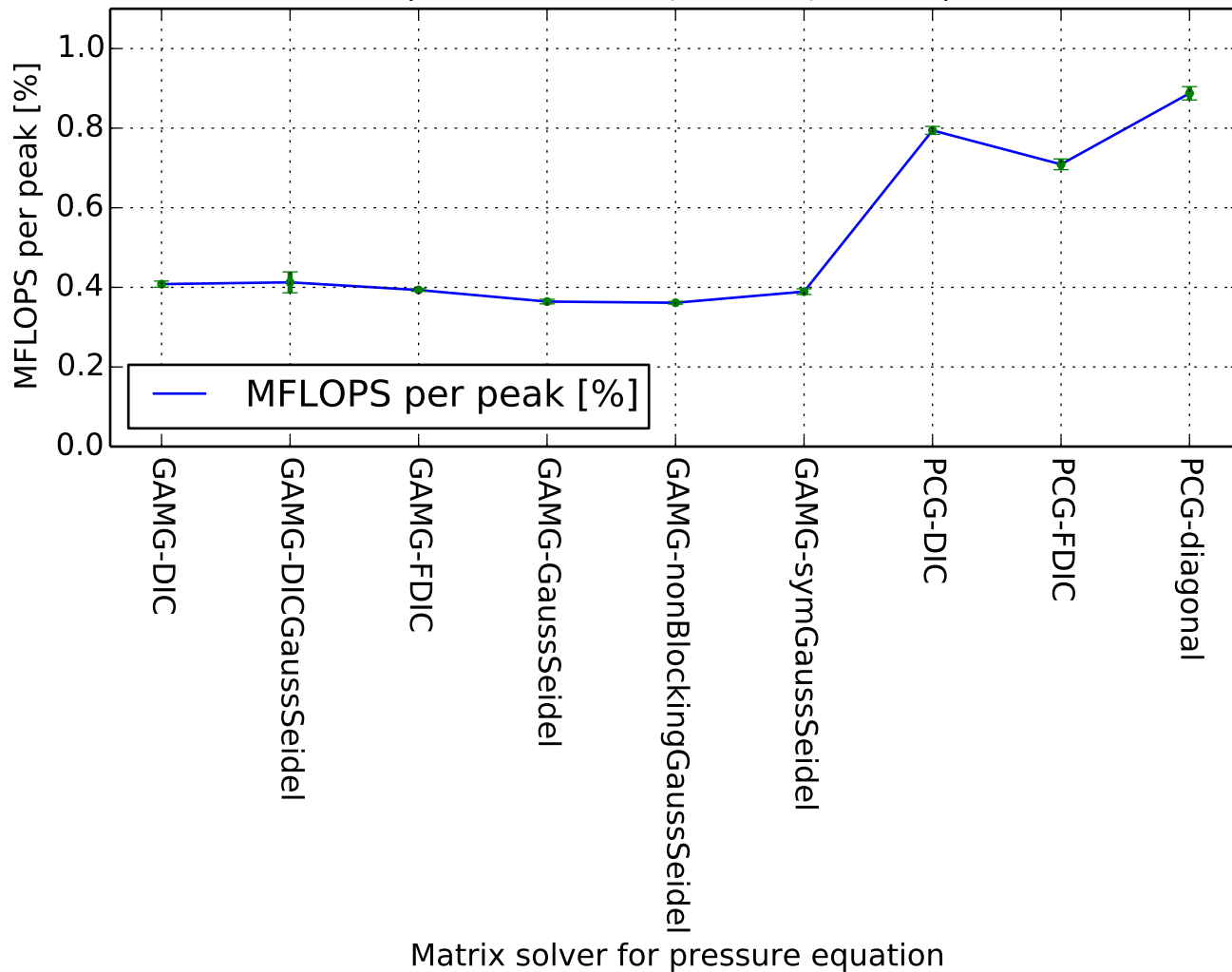
MFLOPS per peak
(0.3744M cells, WALE ,16 MPI)



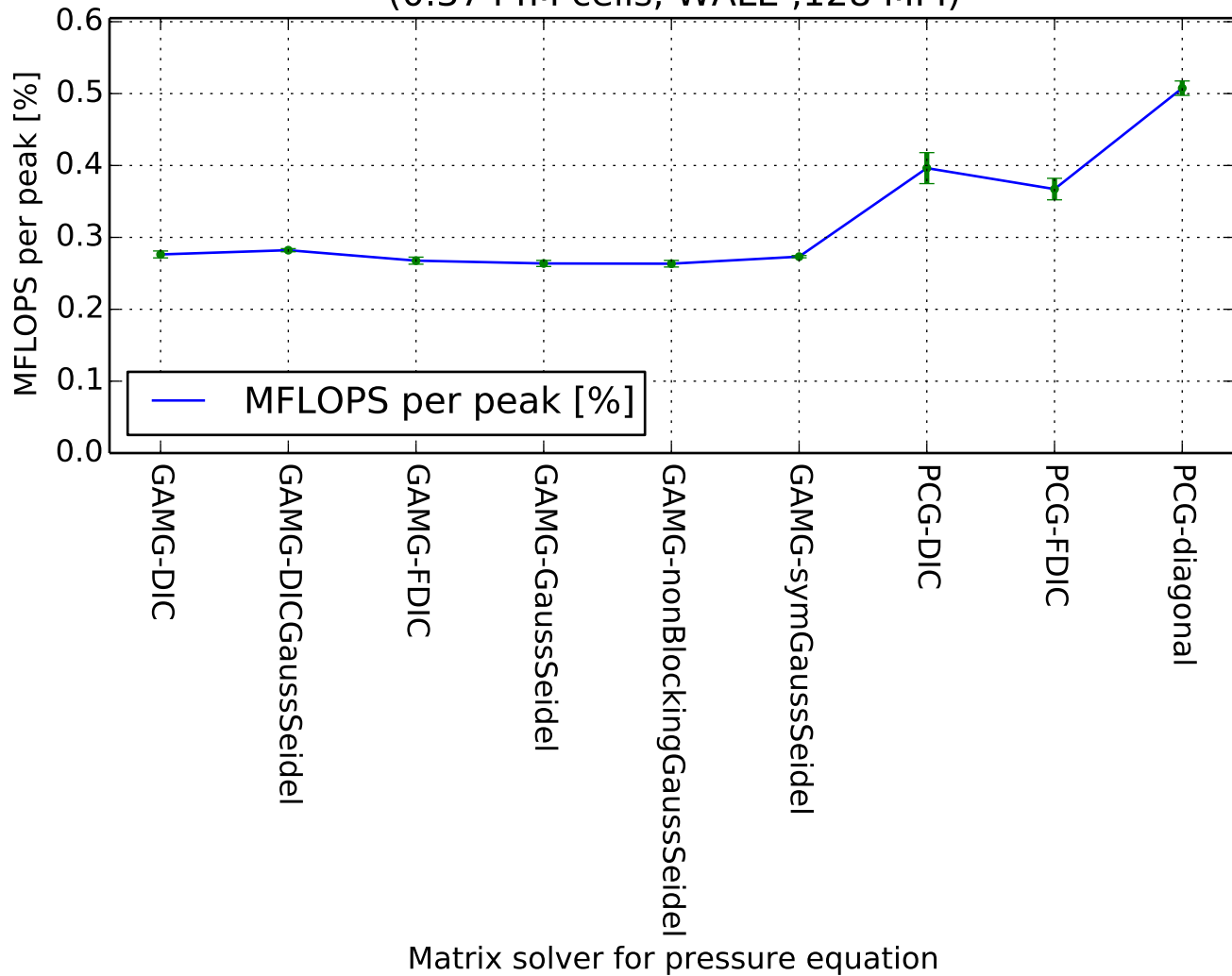
MFLOPS per peak
(0.3744M cells, WALE ,32 MPI)



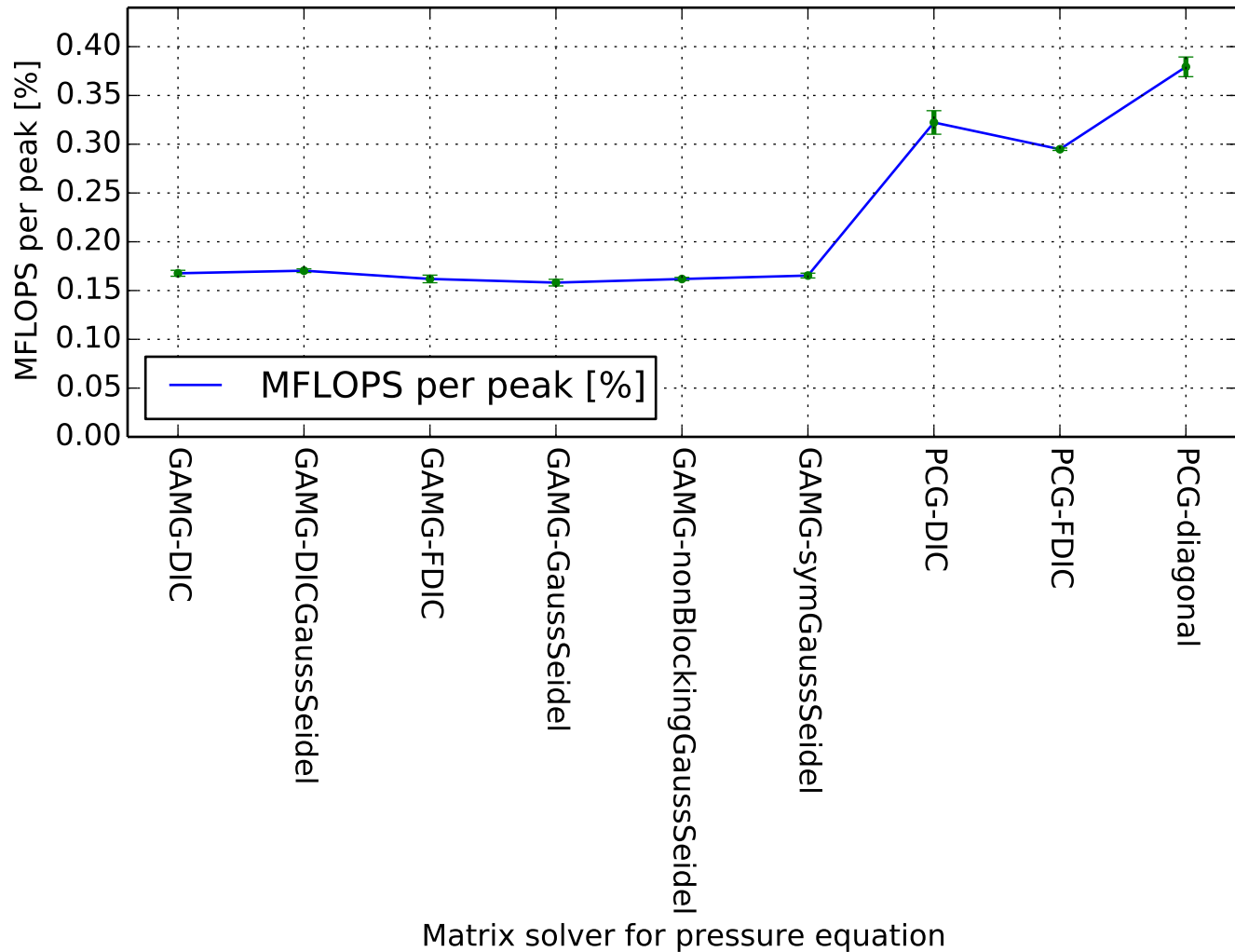
MFLOPS per peak
(0.3744M cells, WALE ,64 MPI)



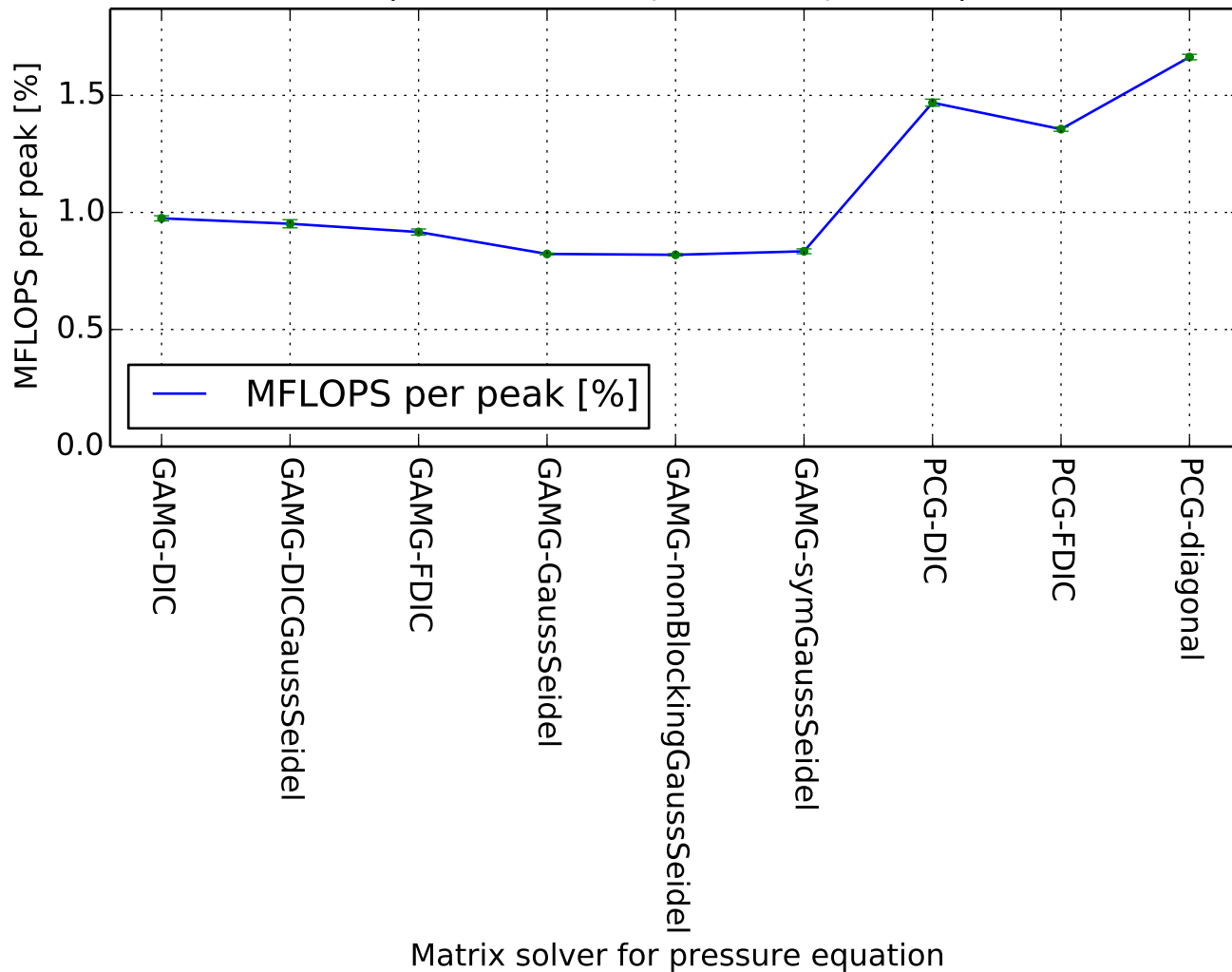
MFLOPS per peak
(0.3744M cells, WALE ,128 MPI)



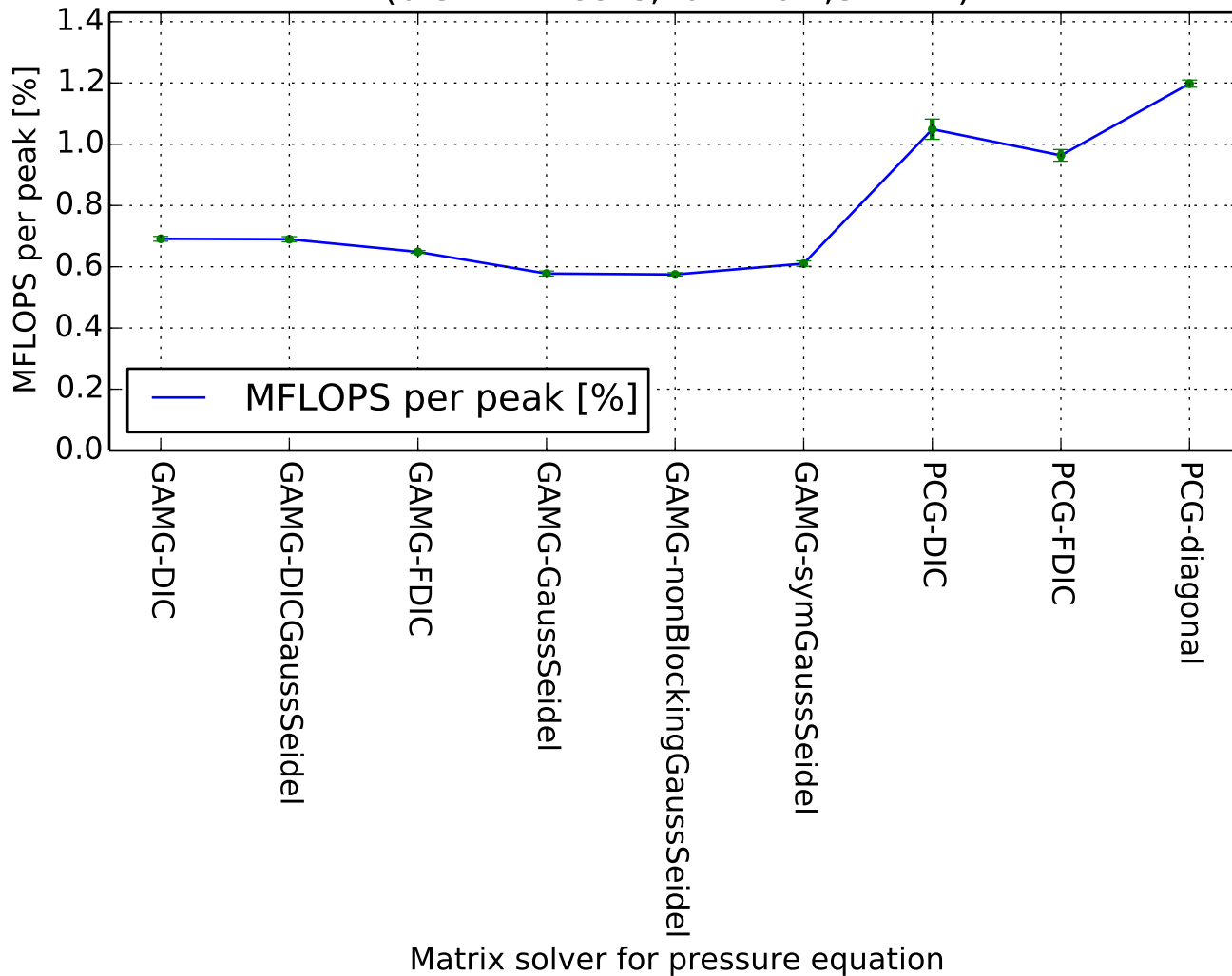
MFLOPS per peak
(0.3744M cells, WALE ,192 MPI)



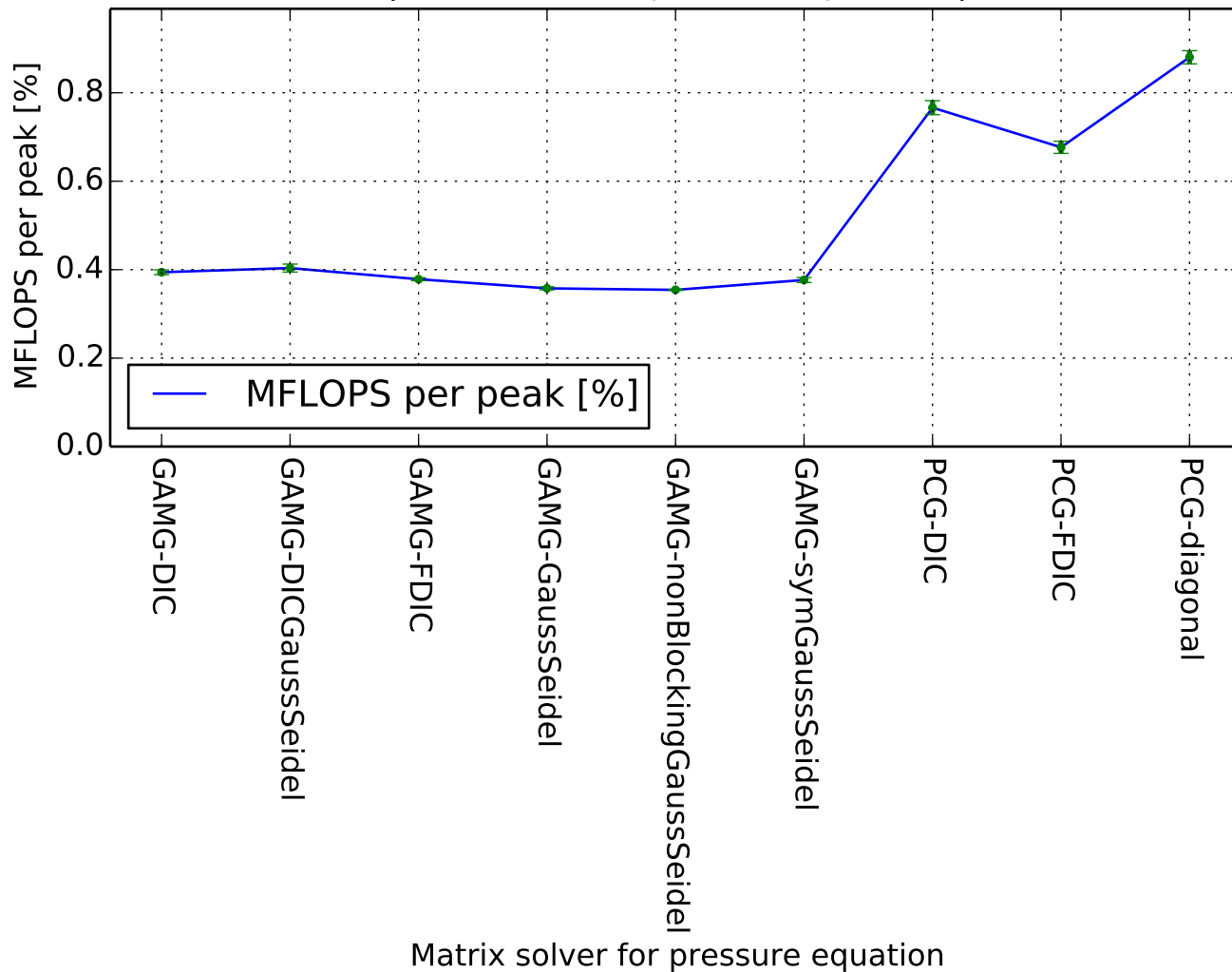
MFLOPS per peak
(0.3744M cells, laminar ,16 MPI)



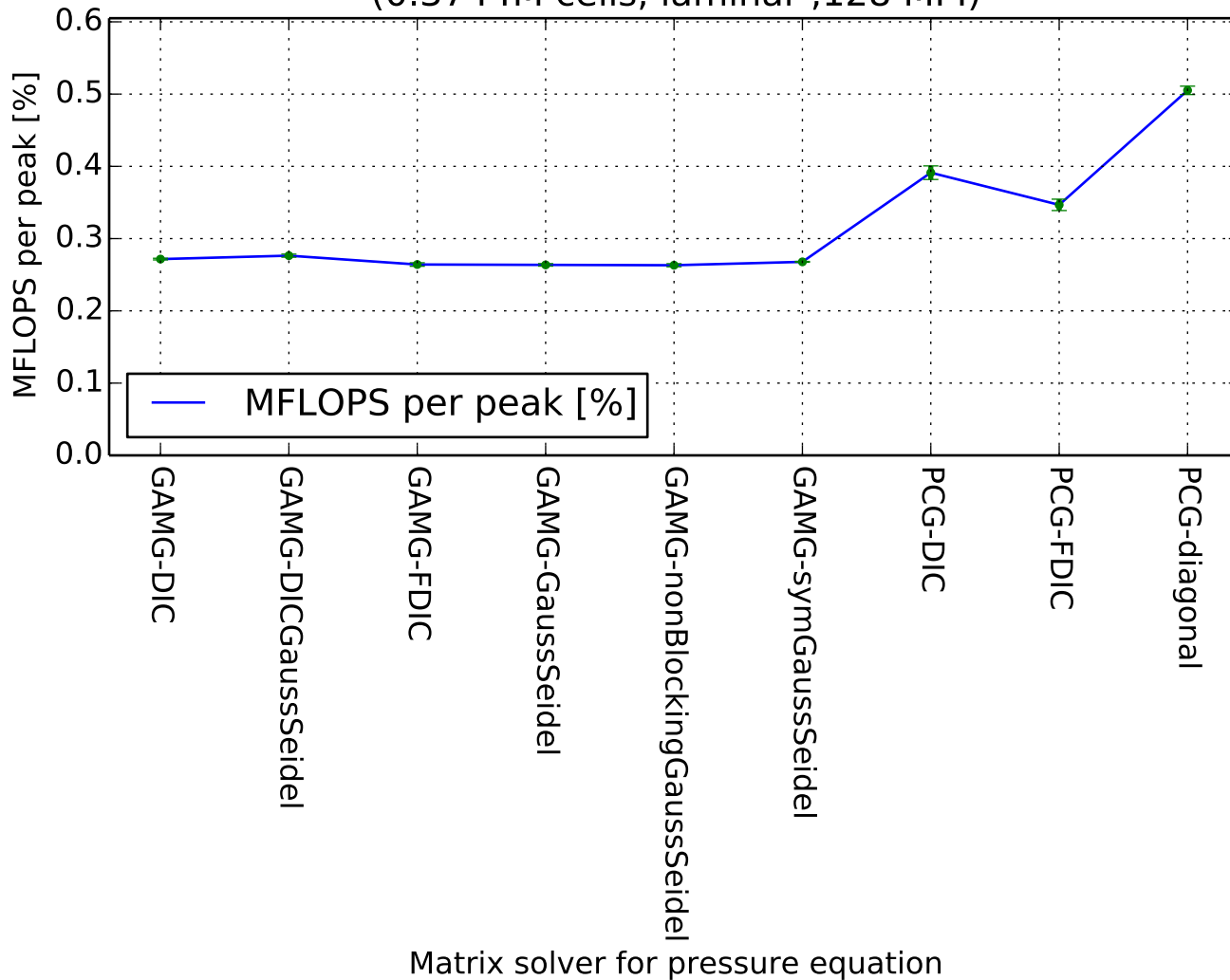
MFLOPS per peak
(0.3744M cells, laminar ,32 MPI)



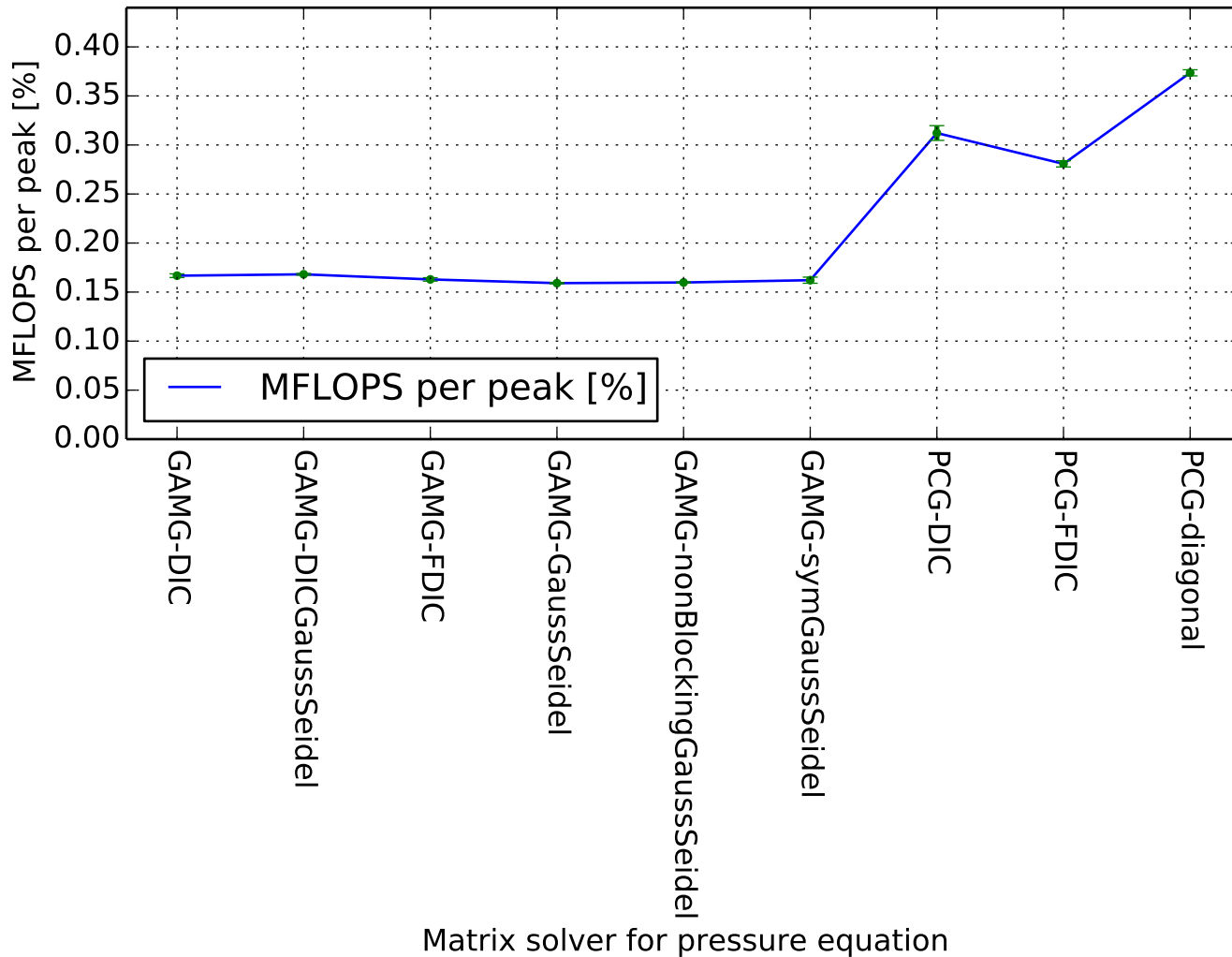
MFLOPS per peak
(0.3744M cells, laminar ,64 MPI)



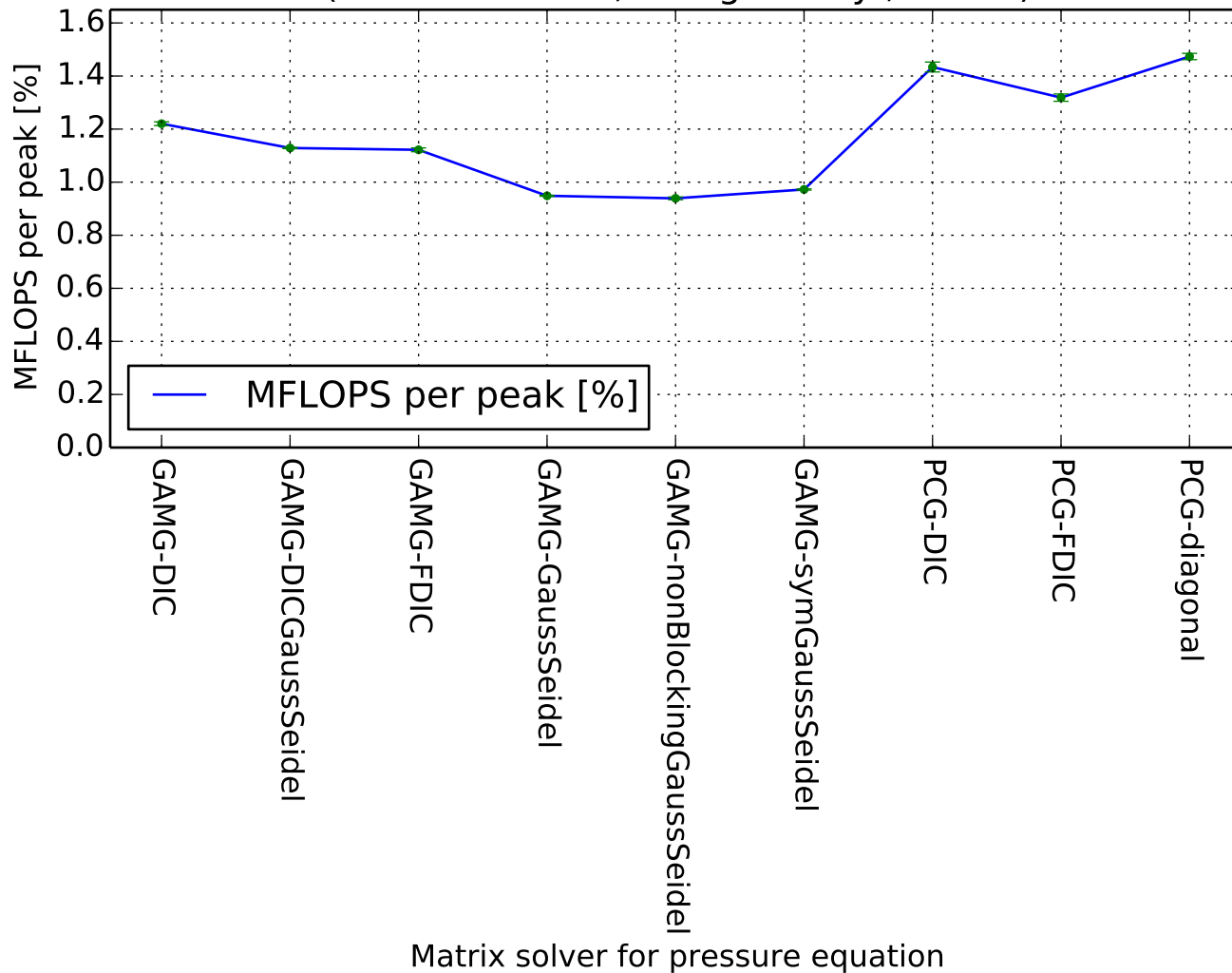
MFLOPS per peak
(0.3744M cells, laminar ,128 MPI)



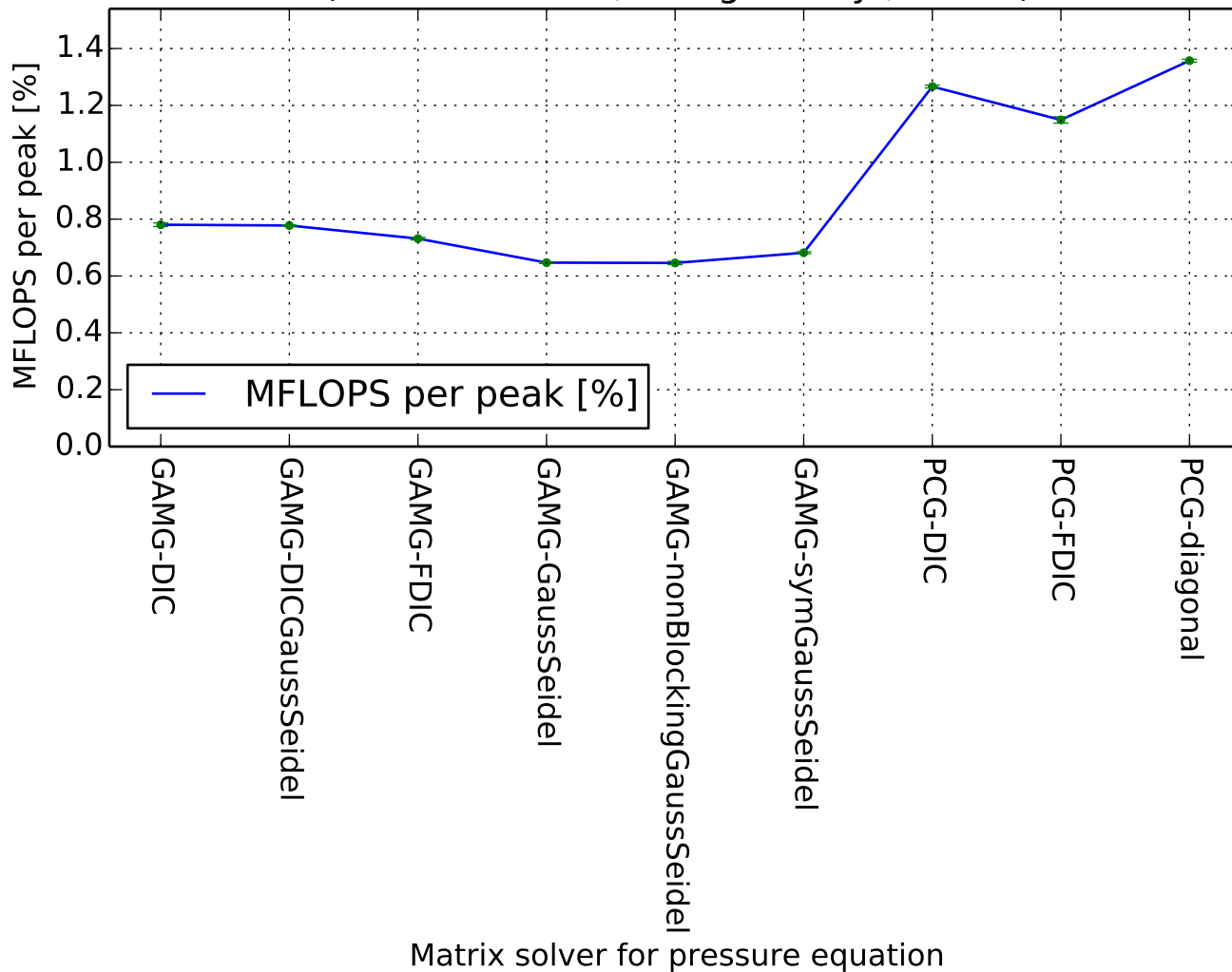
MFLOPS per peak
(0.3744M cells, laminar ,192 MPI)



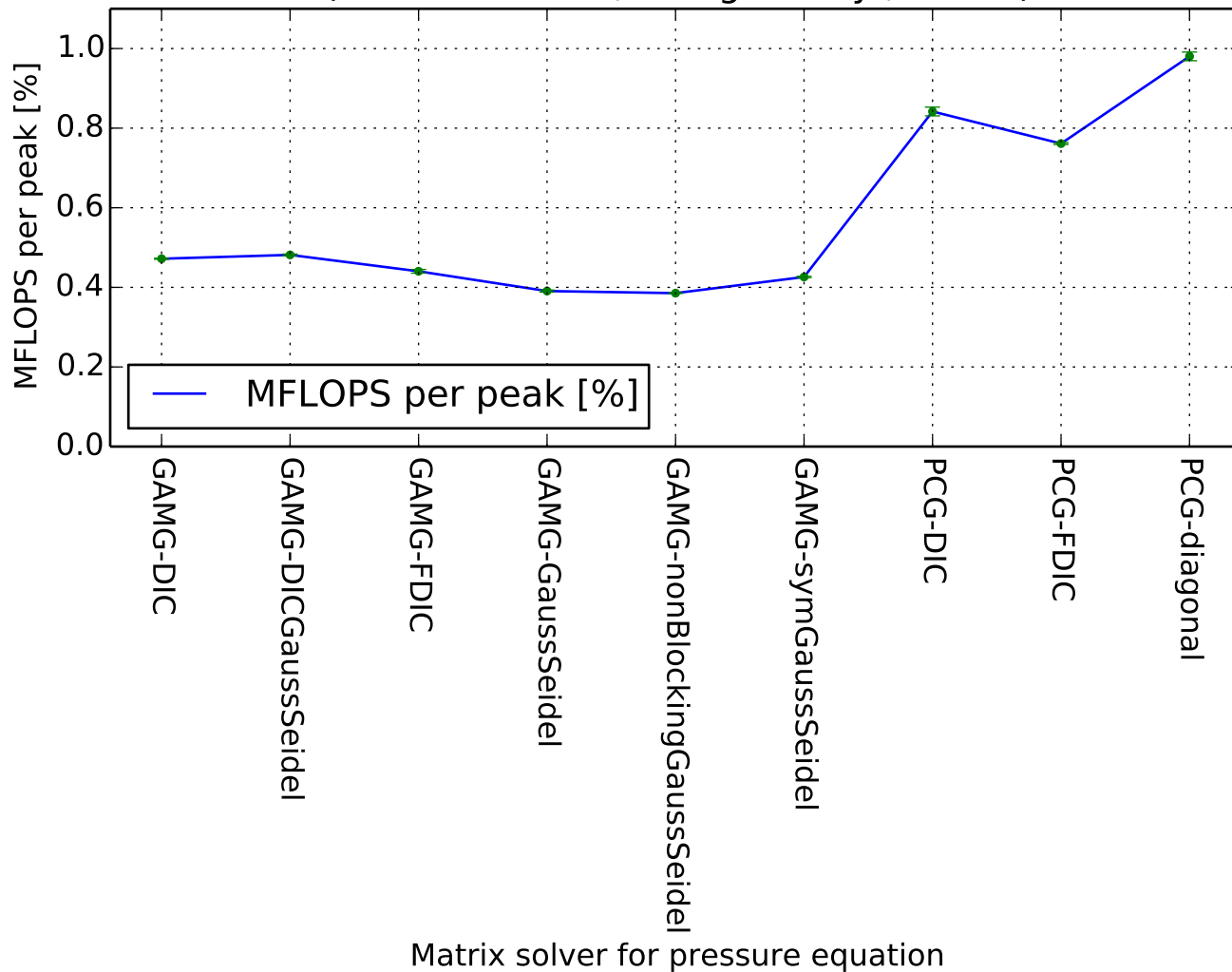
MFLOPS per peak
(0.74292M cells, Smagorinsky ,16 MPI)



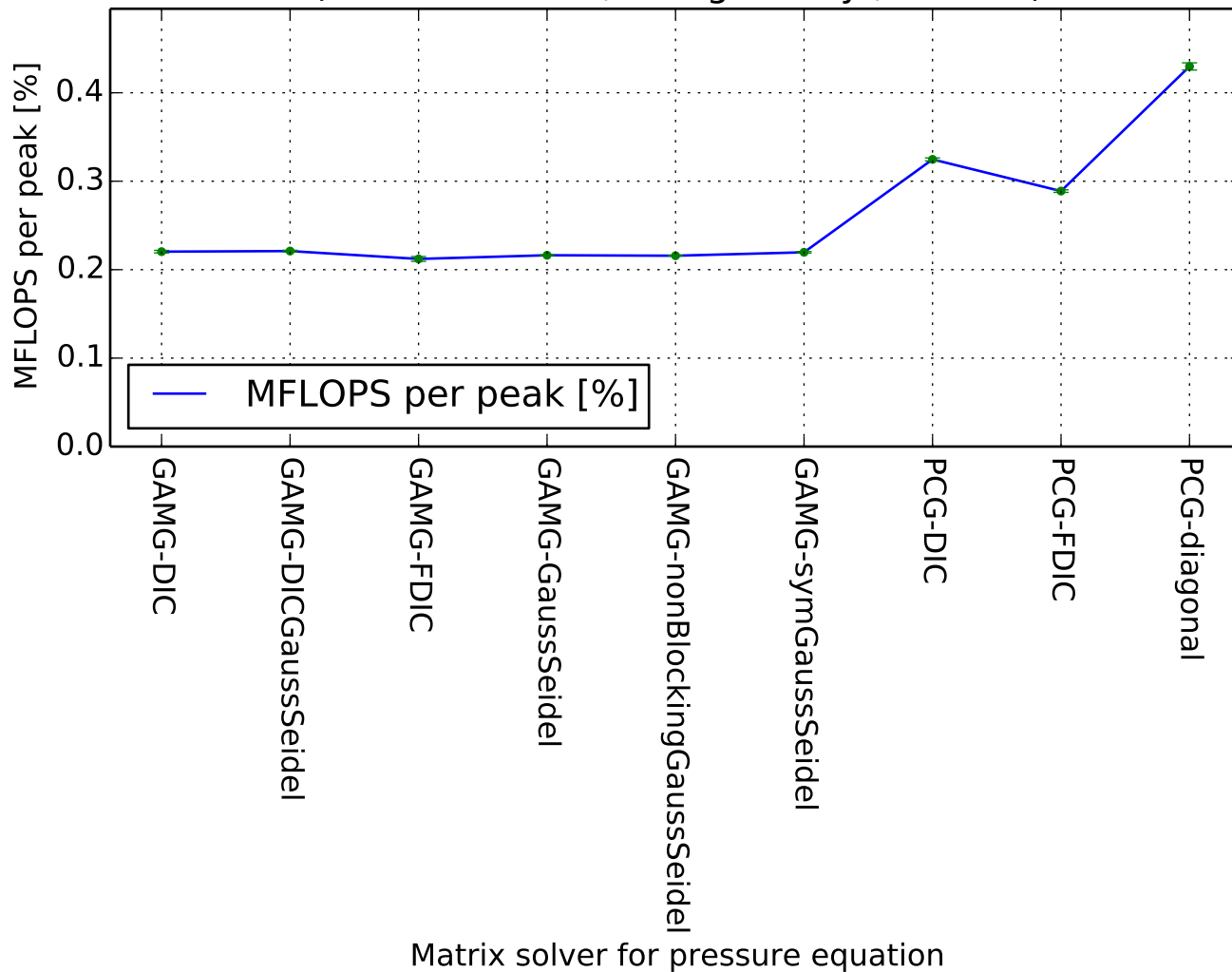
MFLOPS per peak
(0.74292M cells, Smagorinsky ,32 MPI)



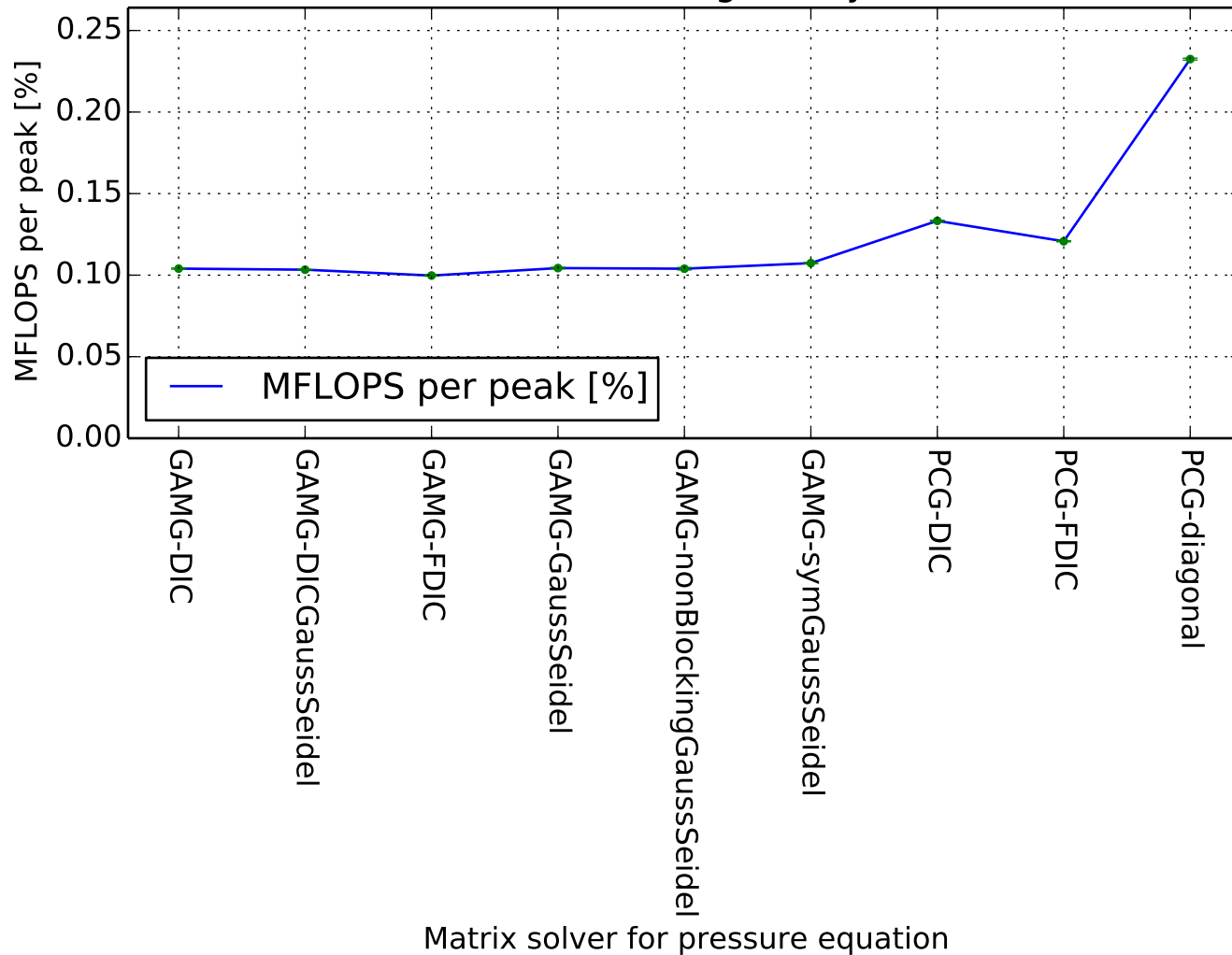
MFLOPS per peak
(0.74292M cells, Smagorinsky ,64 MPI)



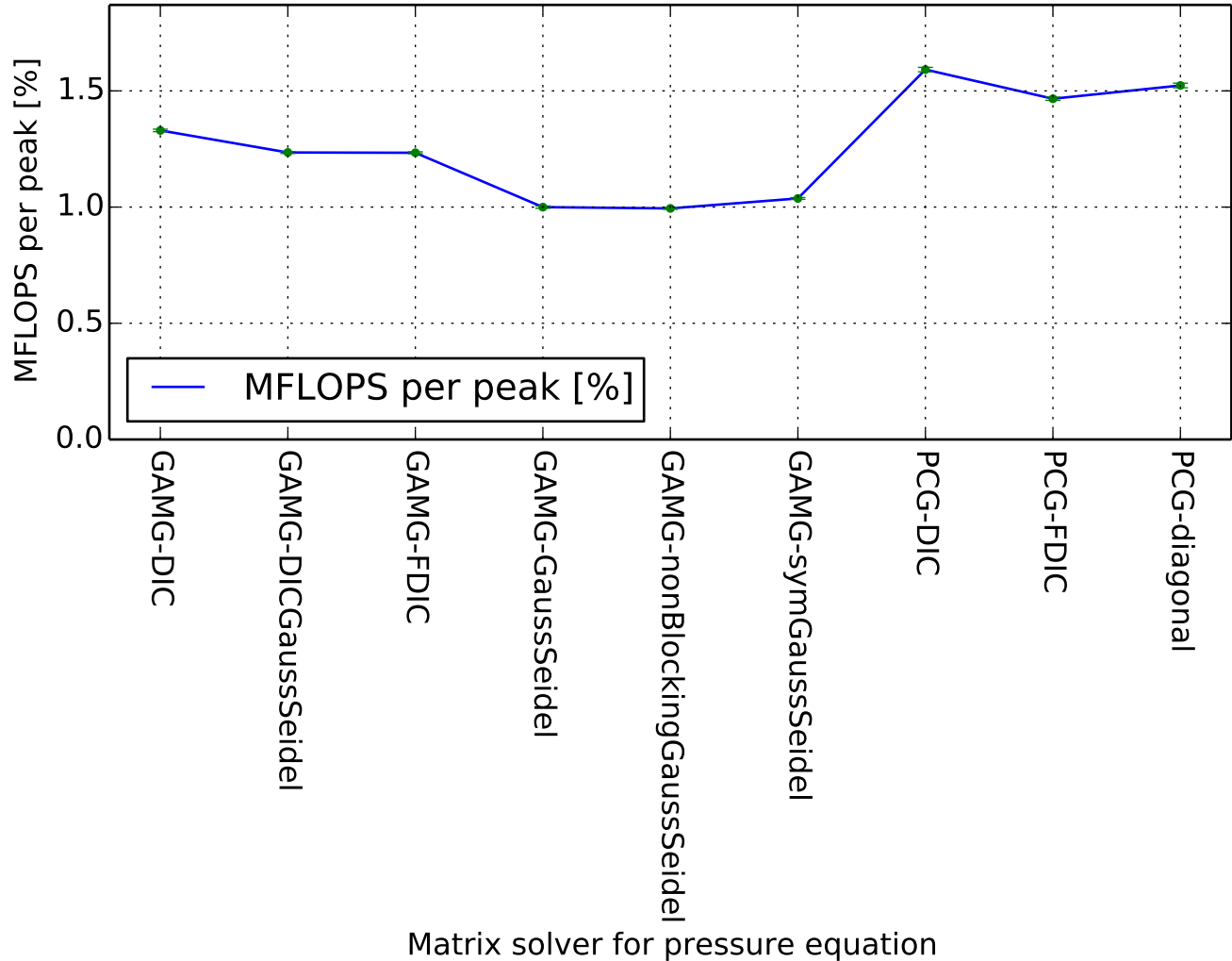
MFLOPS per peak
(0.74292M cells, Smagorinsky ,128 MPI)



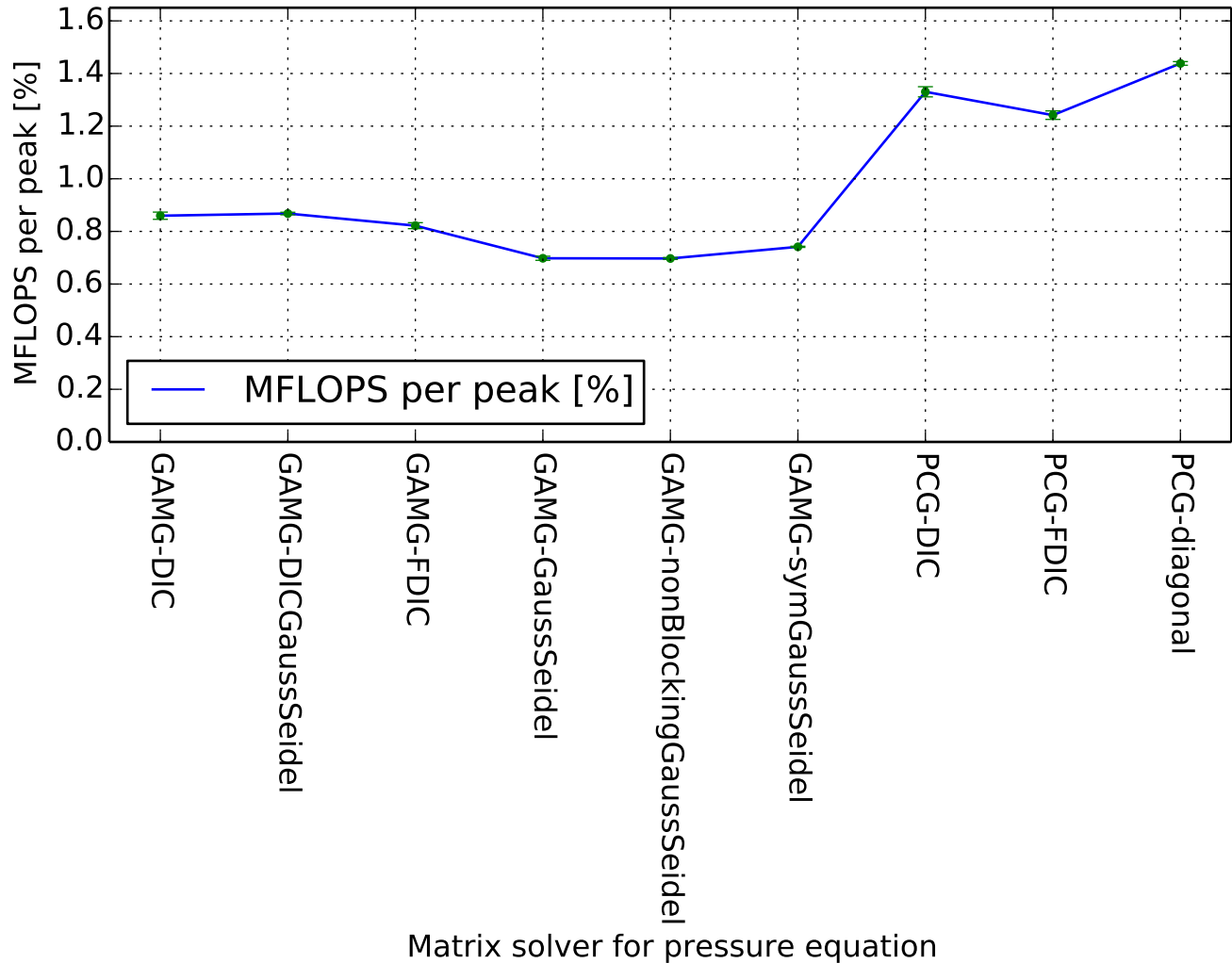
MFLOPS per peak
(0.74292M cells, Smagorinsky ,192 MPI)



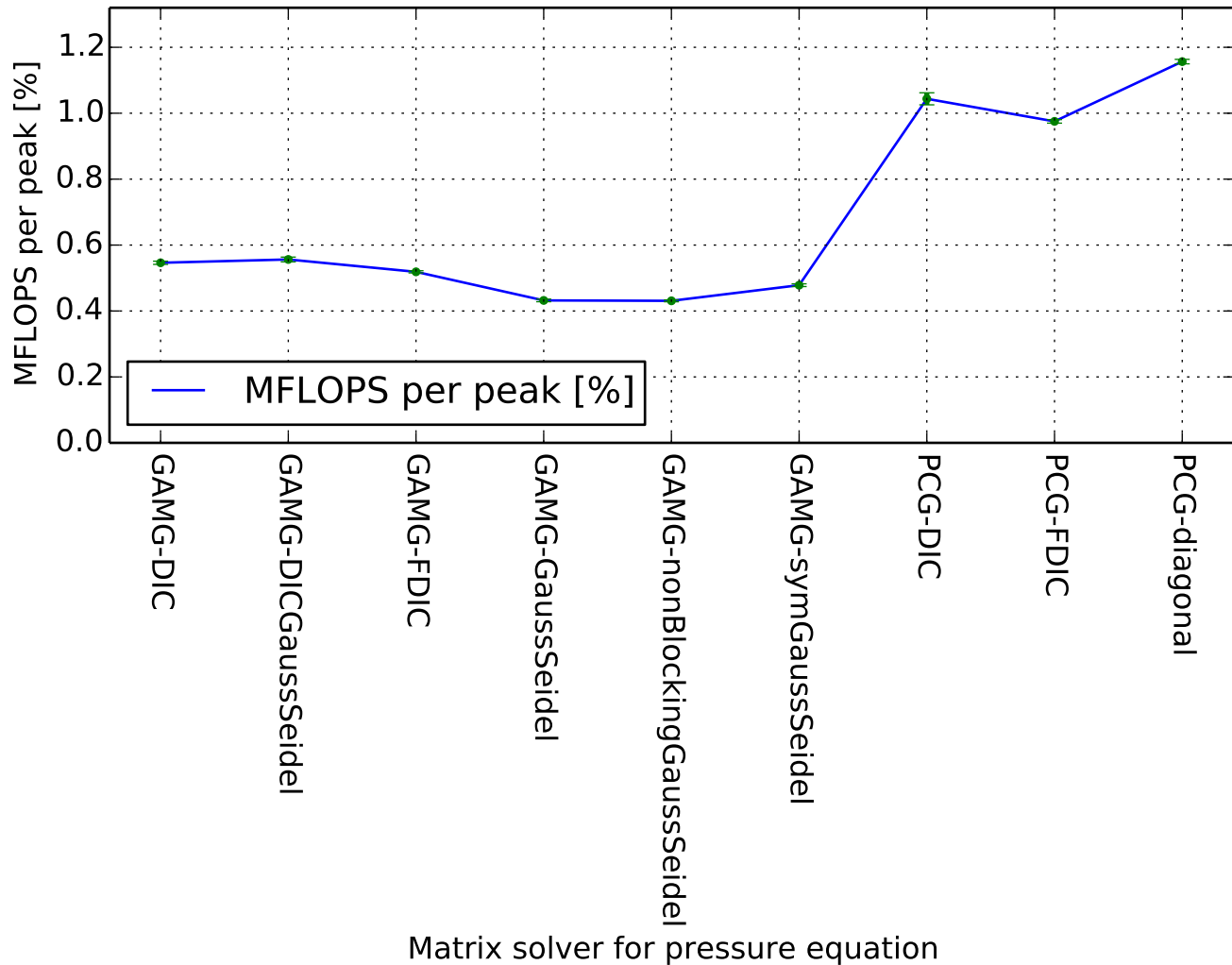
MFLOPS per peak
(0.74292M cells, WALE ,16 MPI)



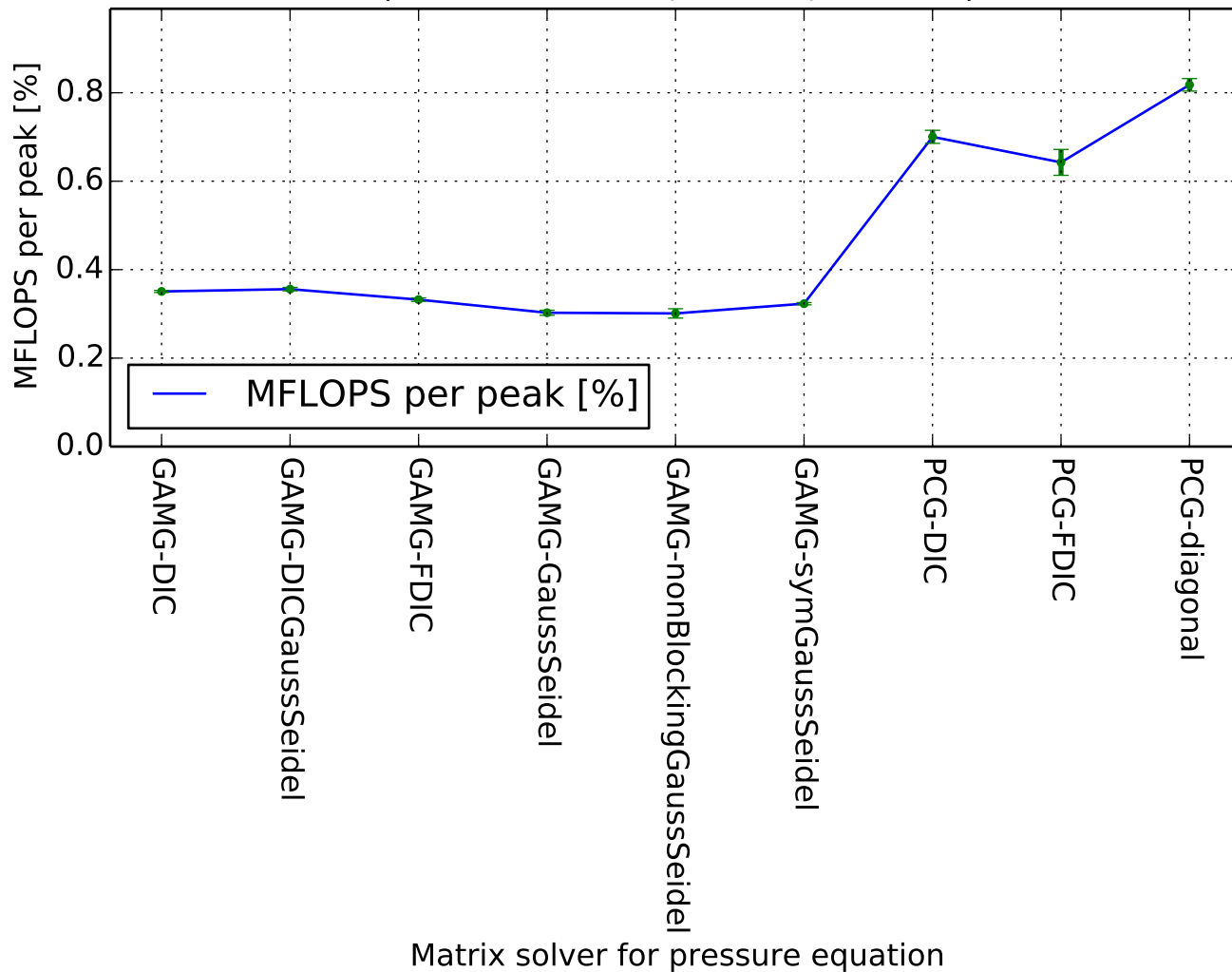
MFLOPS per peak
(0.74292M cells, WALE ,32 MPI)



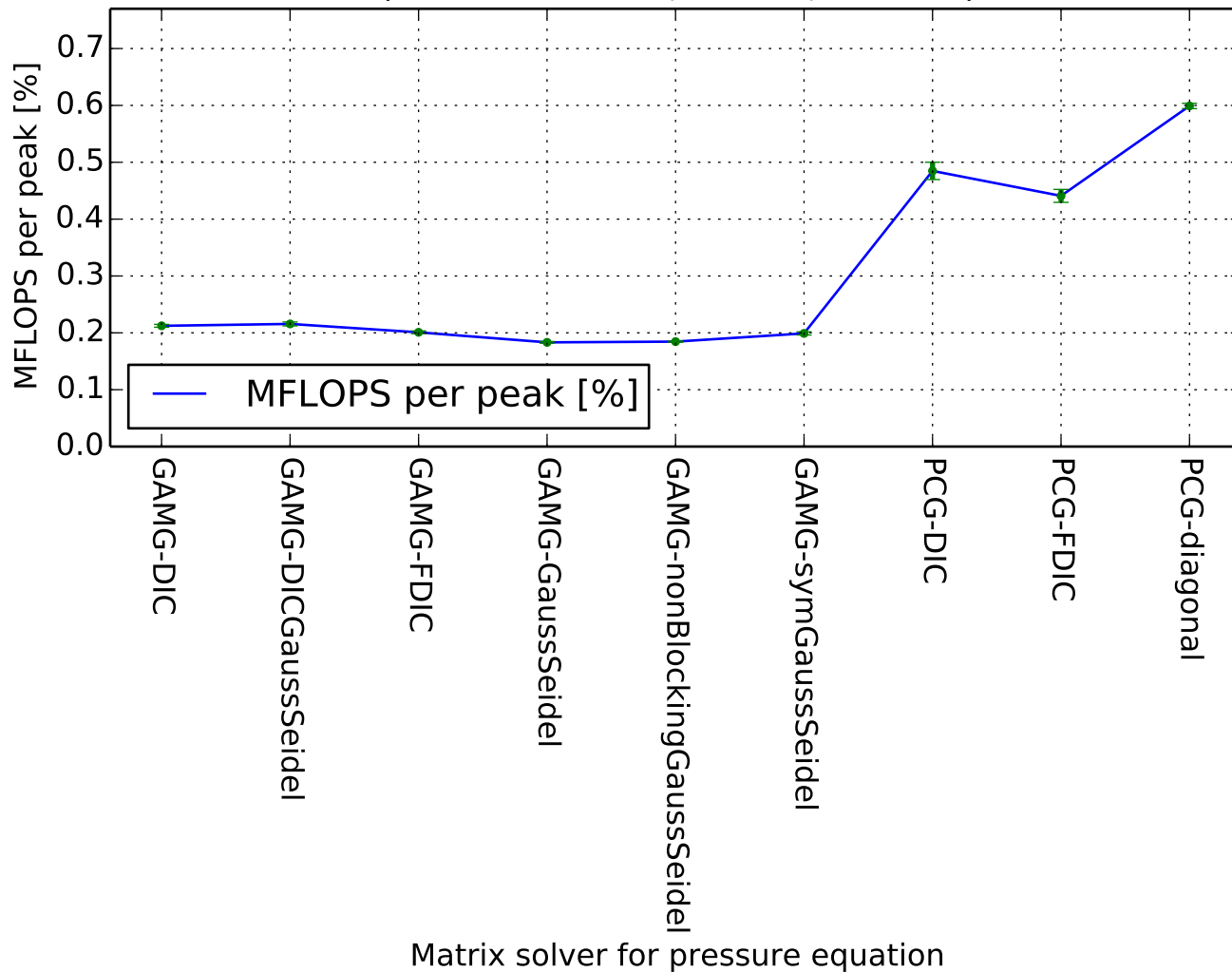
MFLOPS per peak
(0.74292M cells, WALE ,64 MPI)



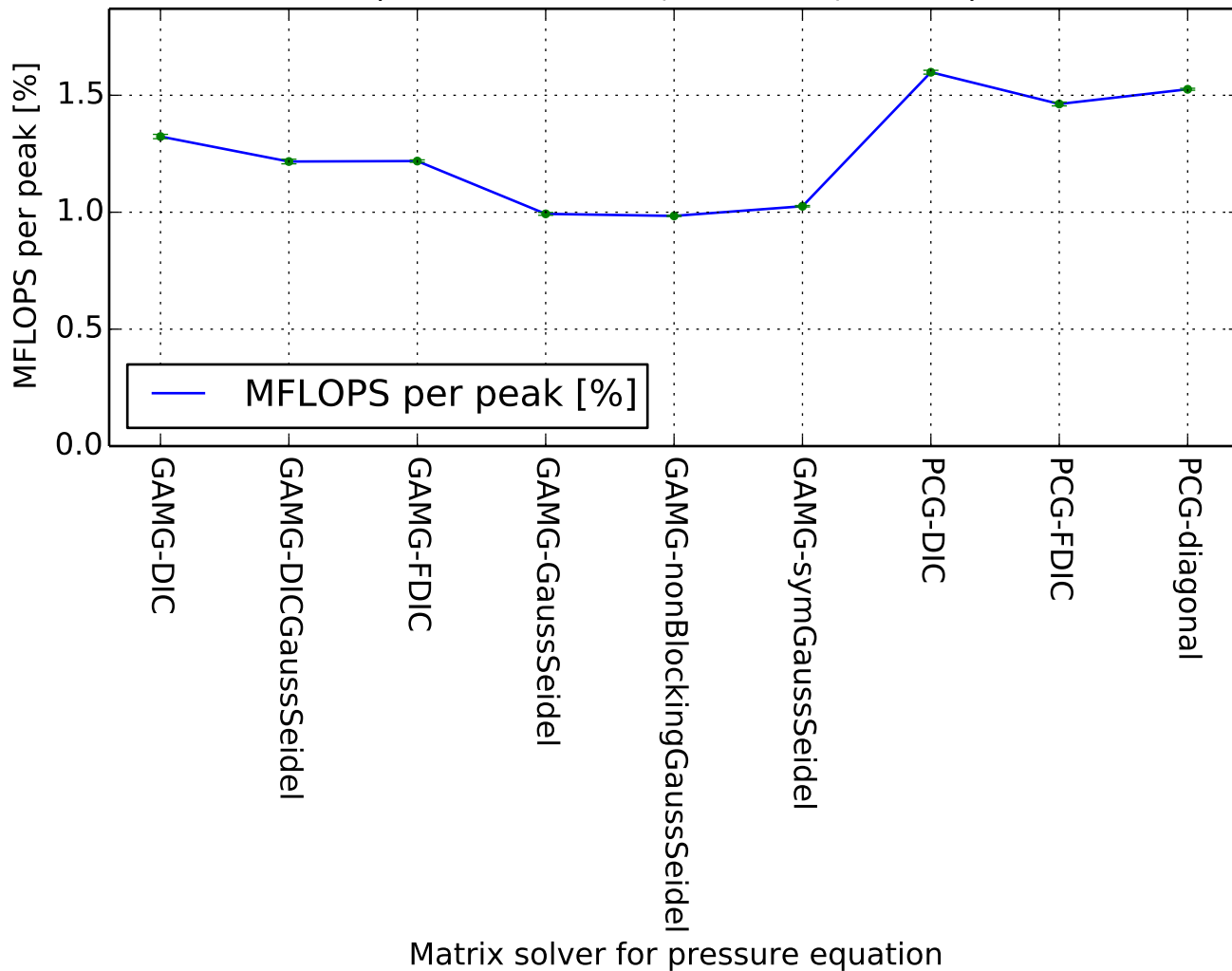
MFLOPS per peak
(0.74292M cells, WALE ,128 MPI)



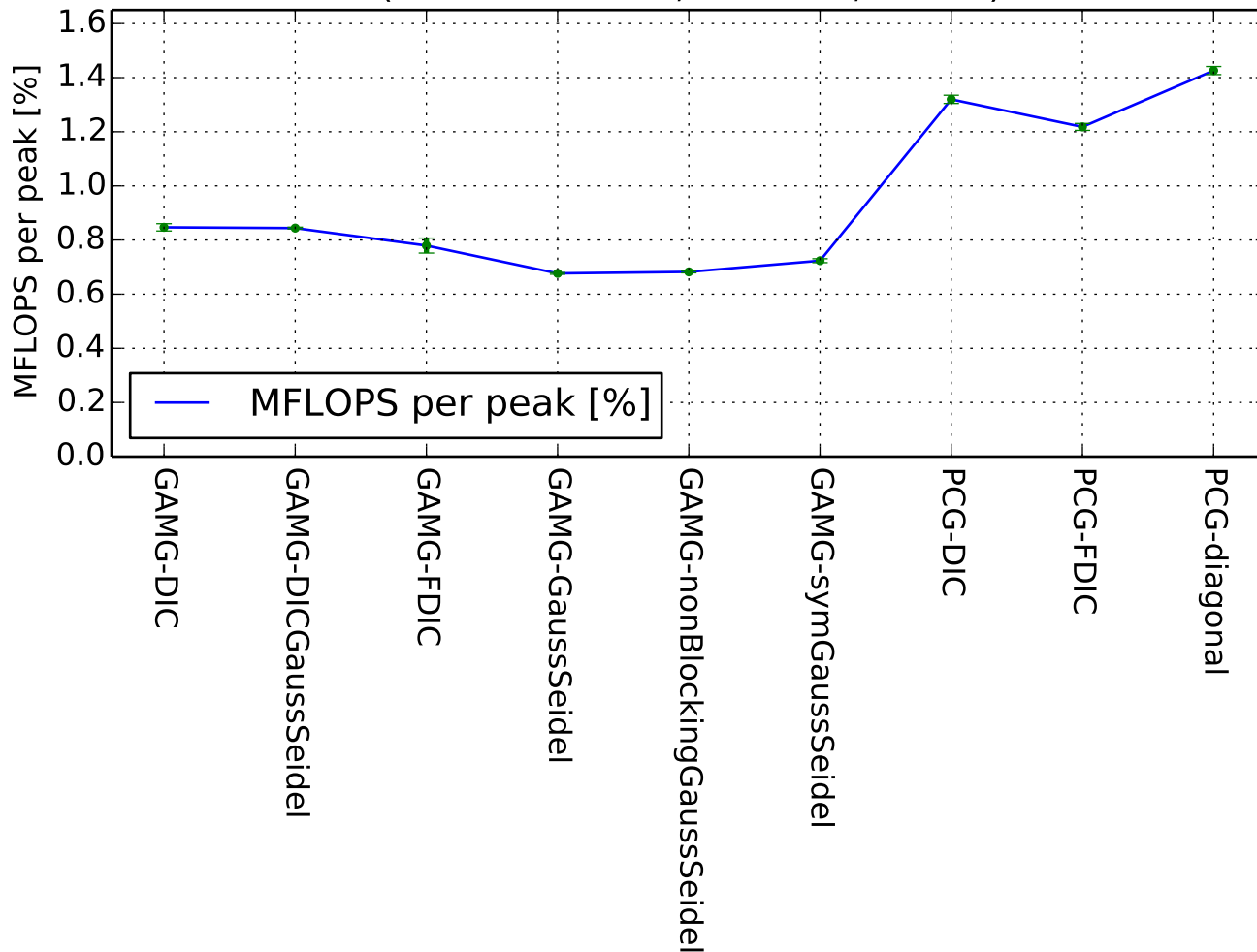
MFLOPS per peak
(0.74292M cells, WALE ,192 MPI)



MFLOPS per peak
(0.74292M cells, laminar ,16 MPI)

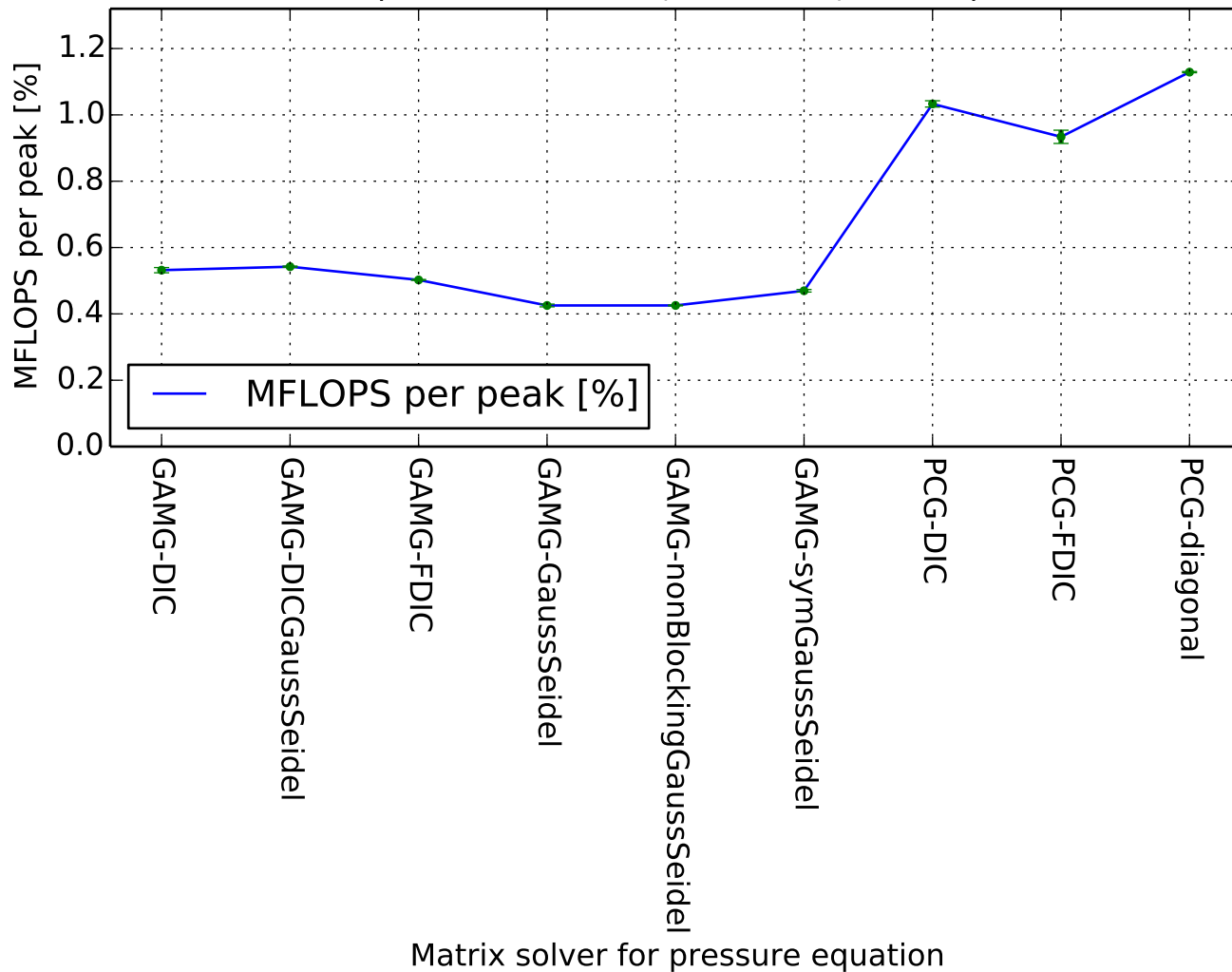


MFLOPS per peak
(0.74292M cells, laminar ,32 MPI)

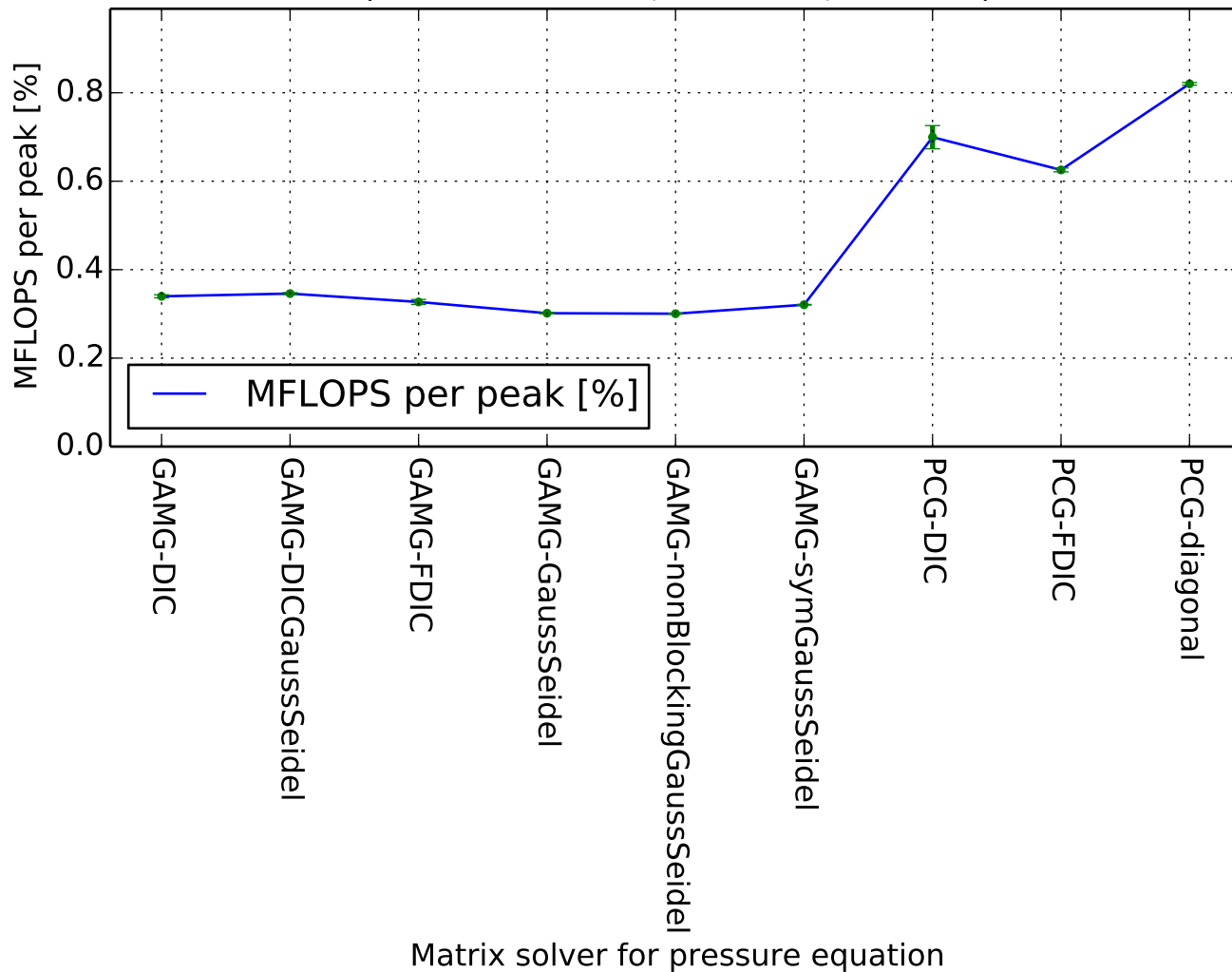


Matrix solver for pressure equation

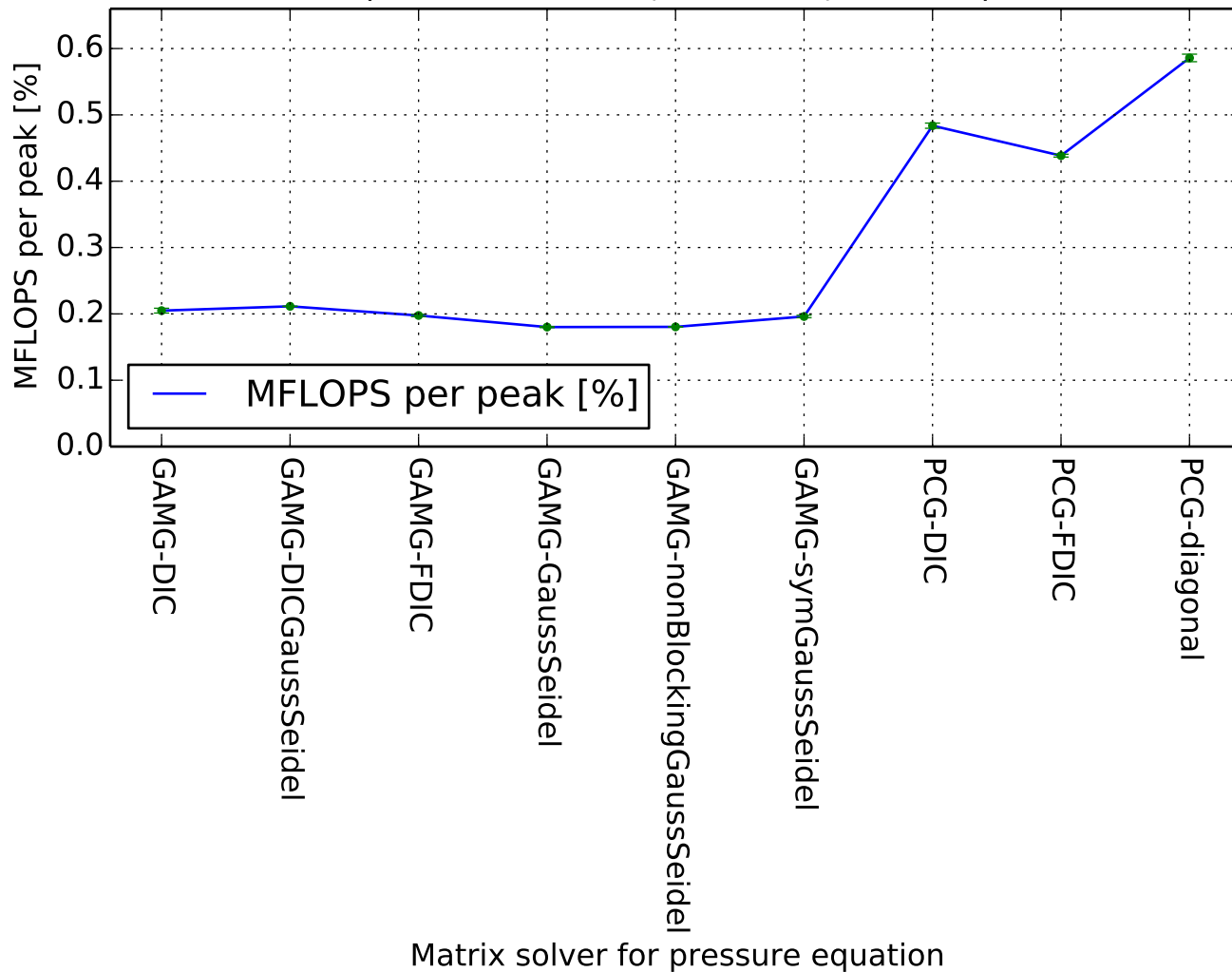
MFLOPS per peak
(0.74292M cells, laminar ,64 MPI)



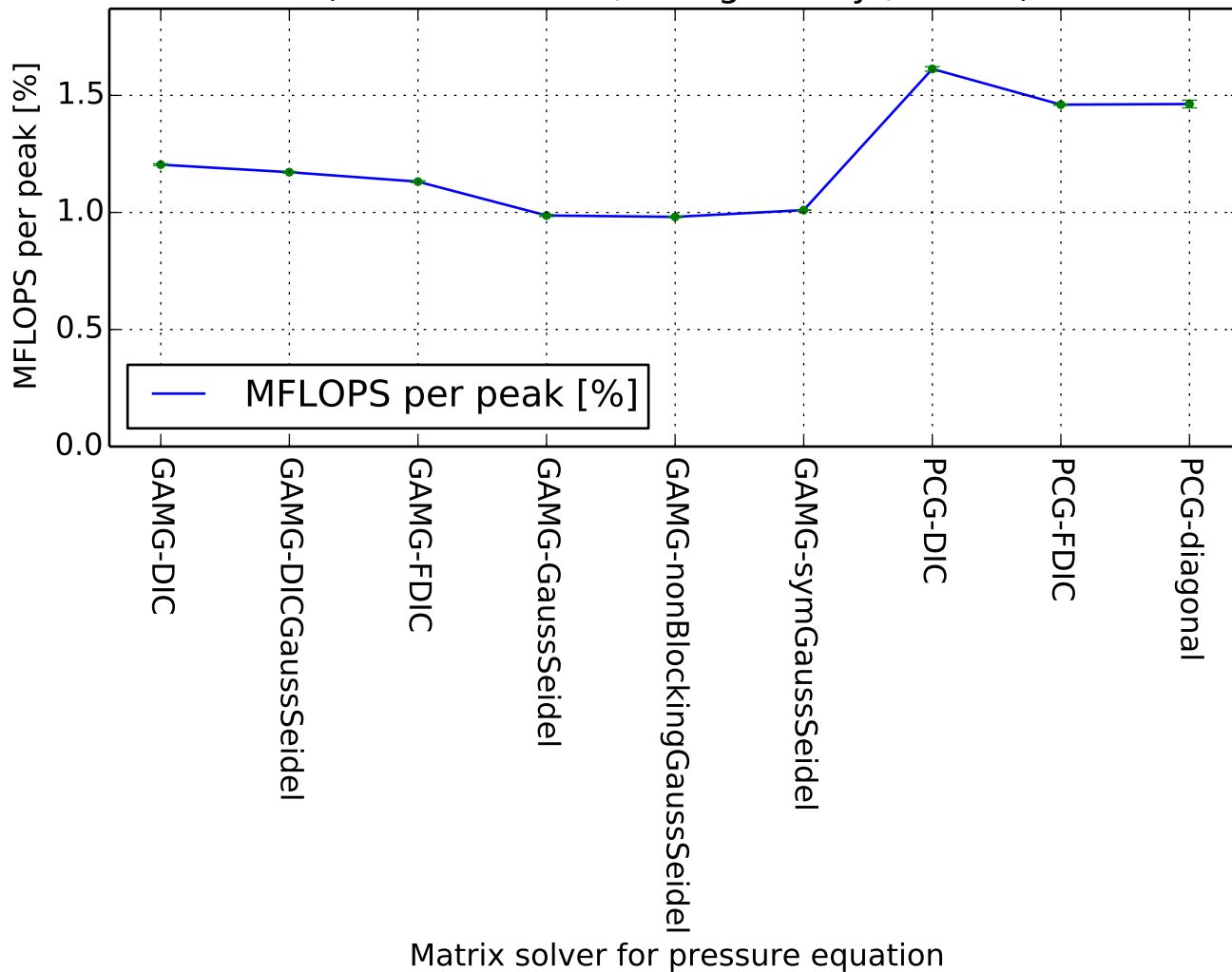
MFLOPS per peak
(0.74292M cells, laminar ,128 MPI)



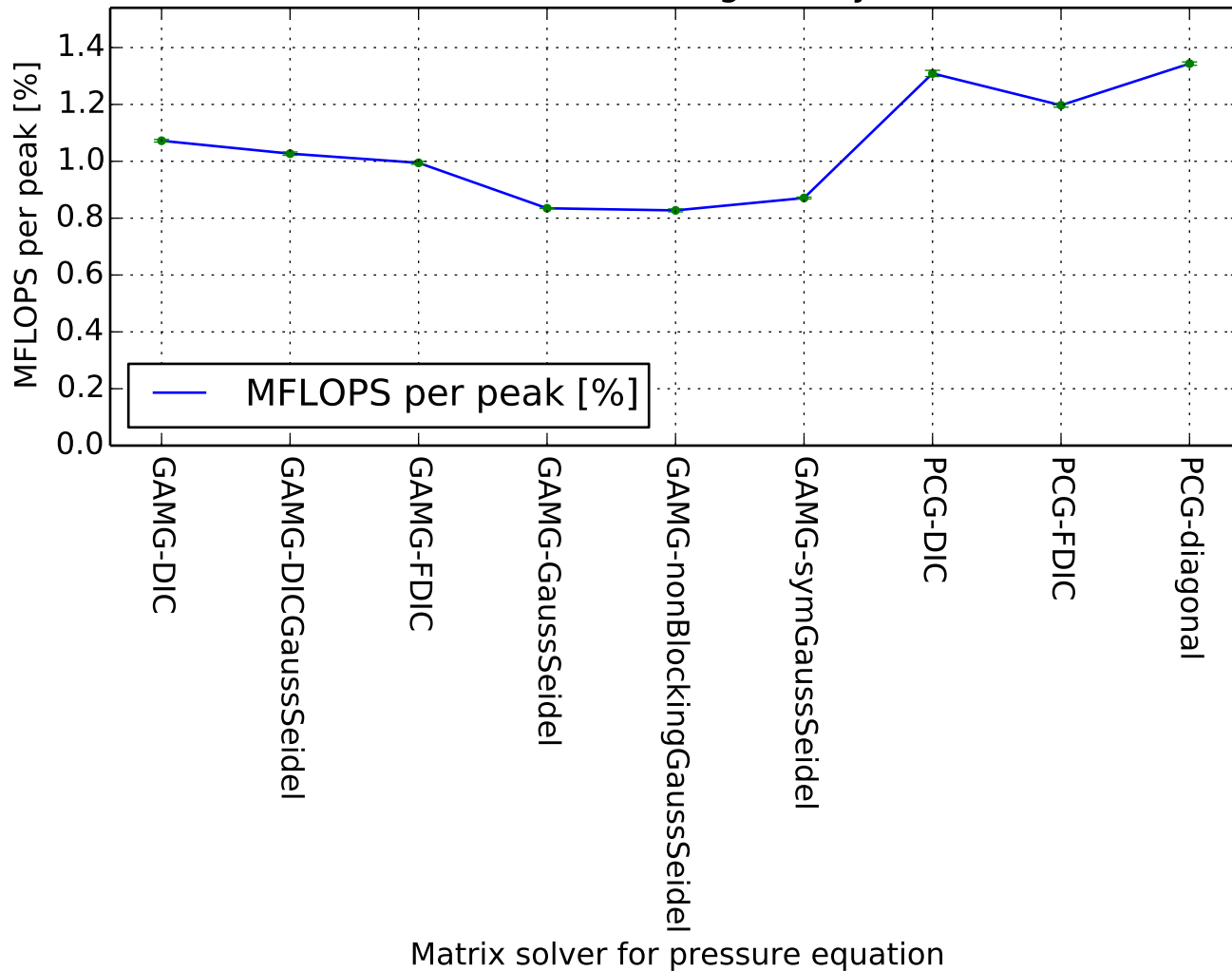
MFLOPS per peak
(0.74292M cells, laminar ,192 MPI)



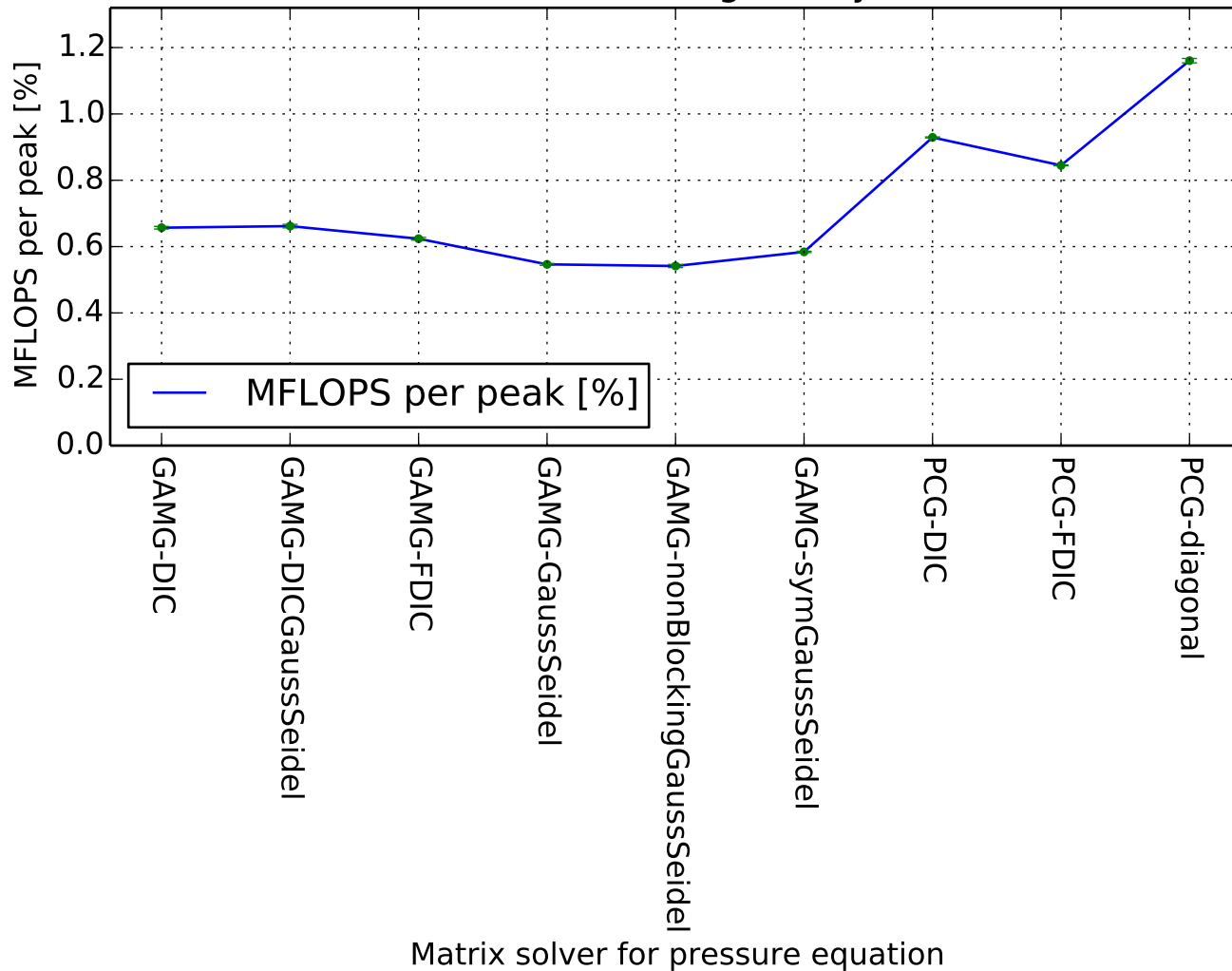
MFLOPS per peak
(1.48732M cells, Smagorinsky ,16 MPI)



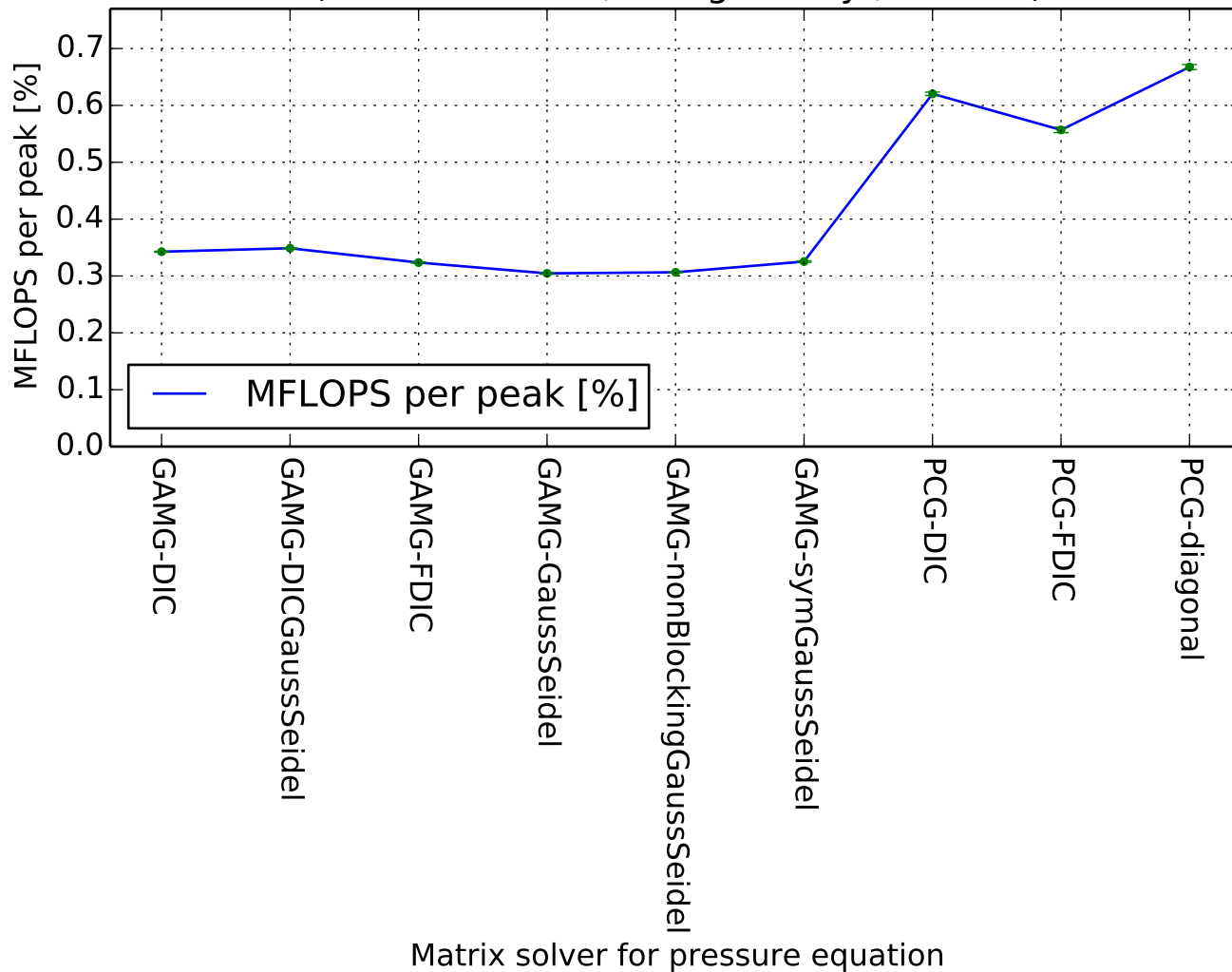
MFLOPS per peak
(1.48732M cells, Smagorinsky ,32 MPI)



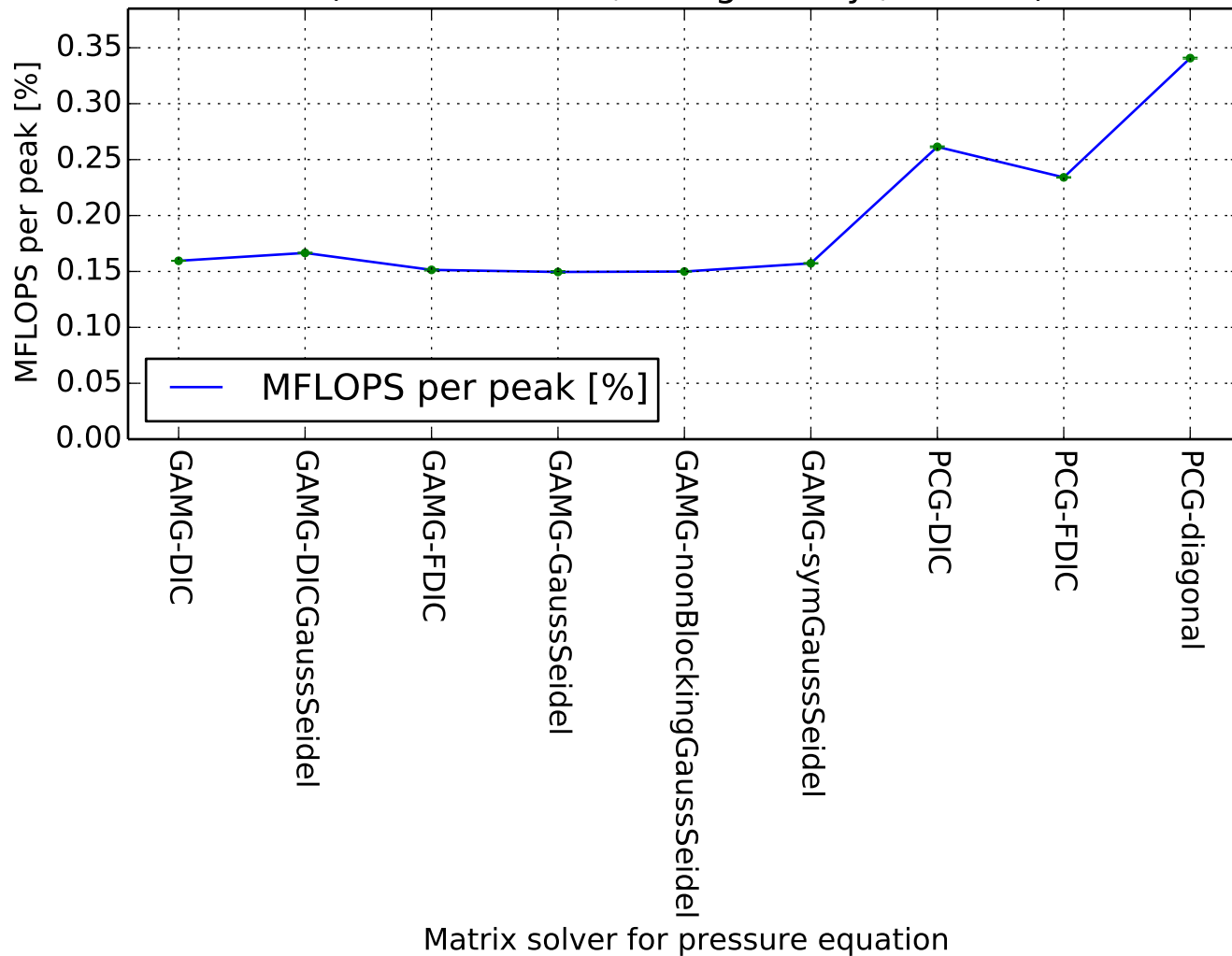
MFLOPS per peak
(1.48732M cells, Smagorinsky ,64 MPI)



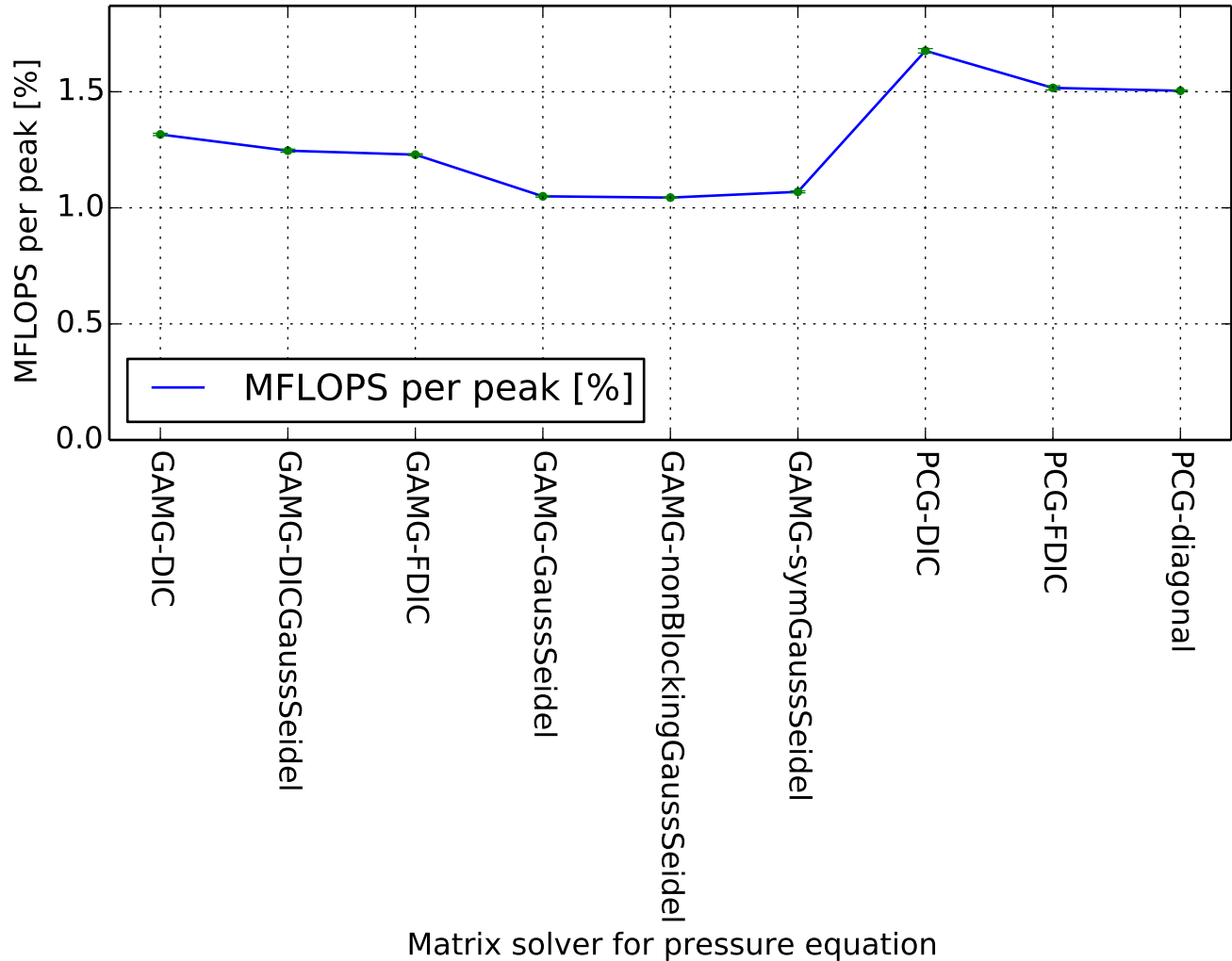
MFLOPS per peak
(1.48732M cells, Smagorinsky ,128 MPI)



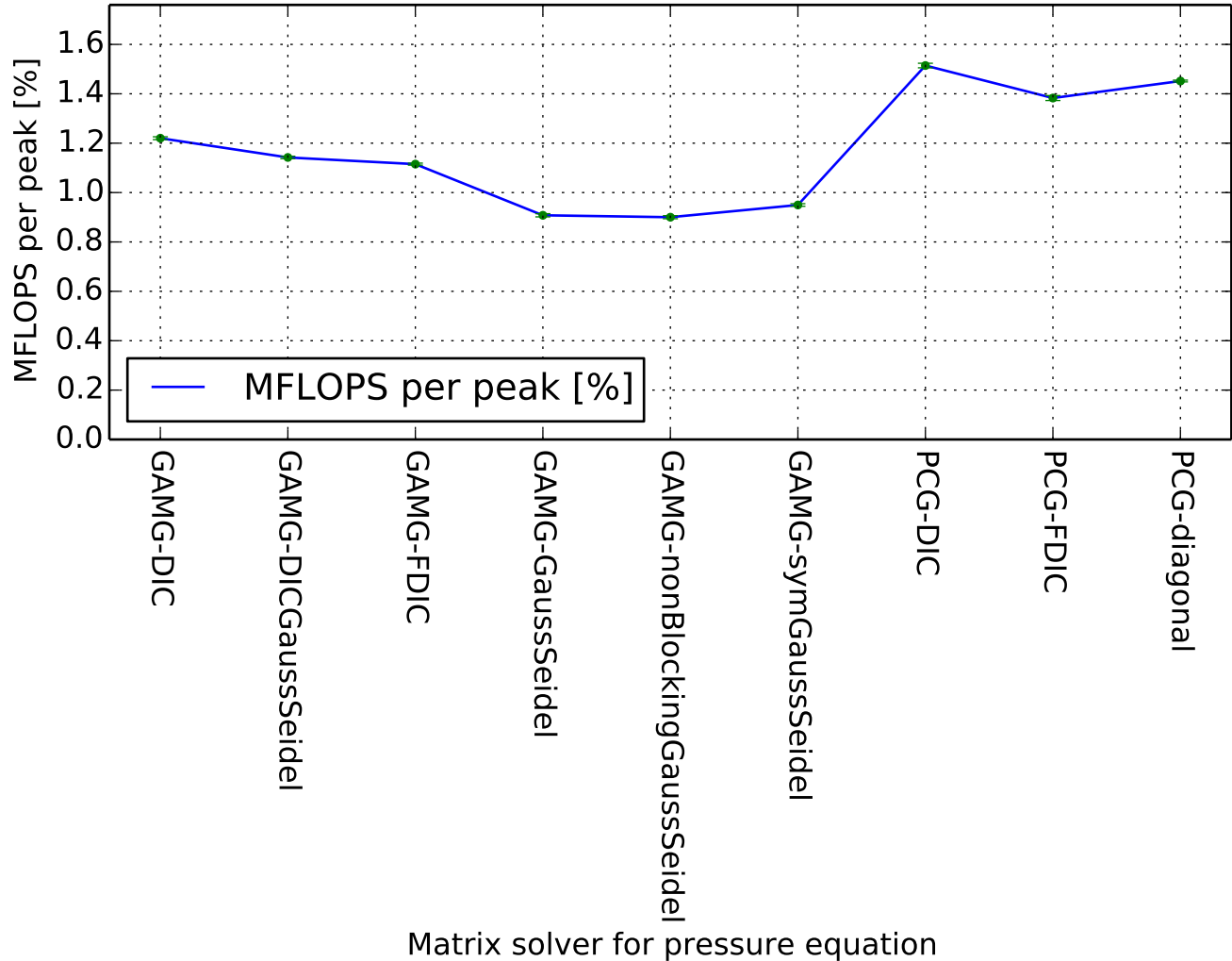
MFLOPS per peak
(1.48732M cells, Smagorinsky ,192 MPI)



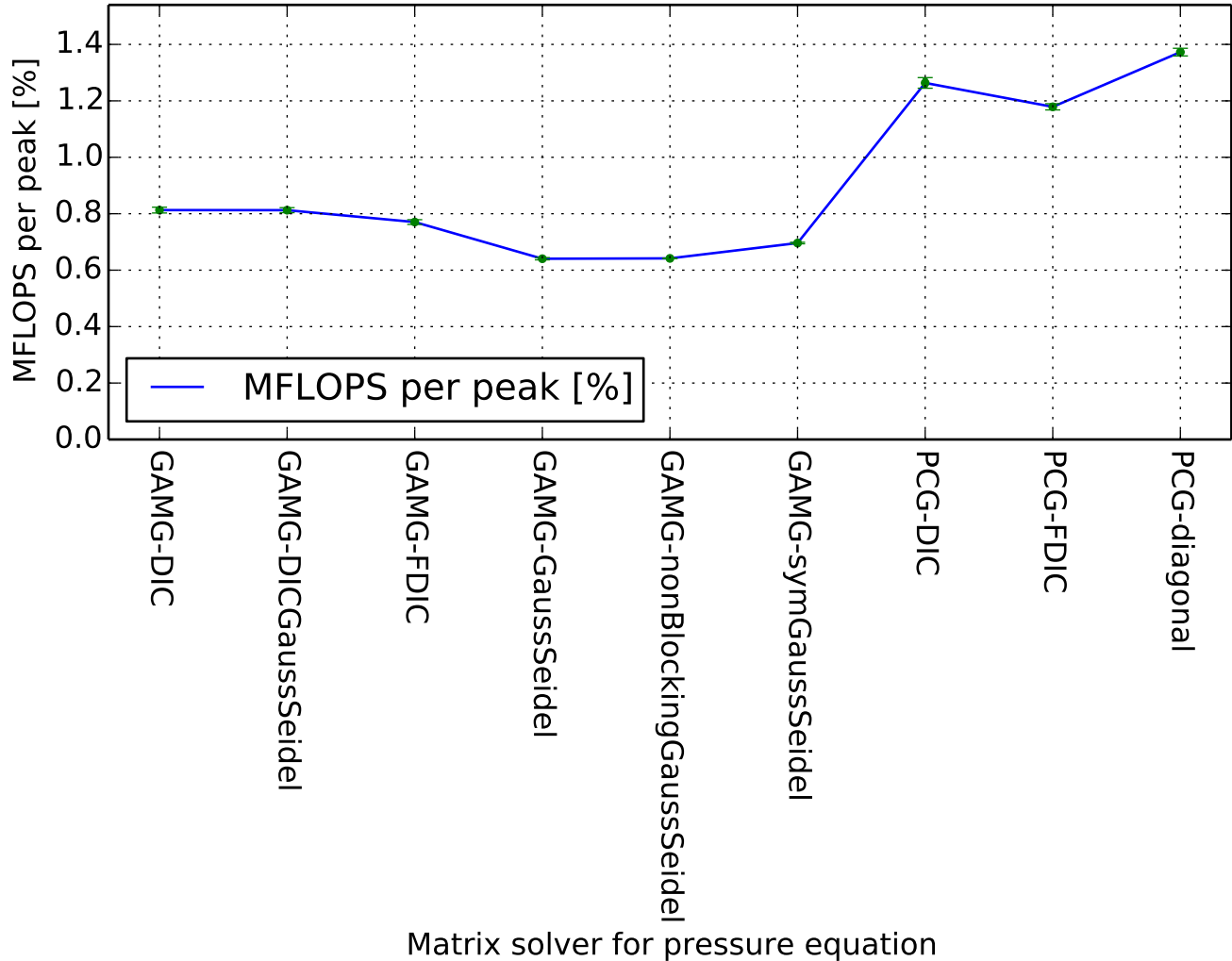
MFLOPS per peak
(1.48732M cells, WALE ,16 MPI)



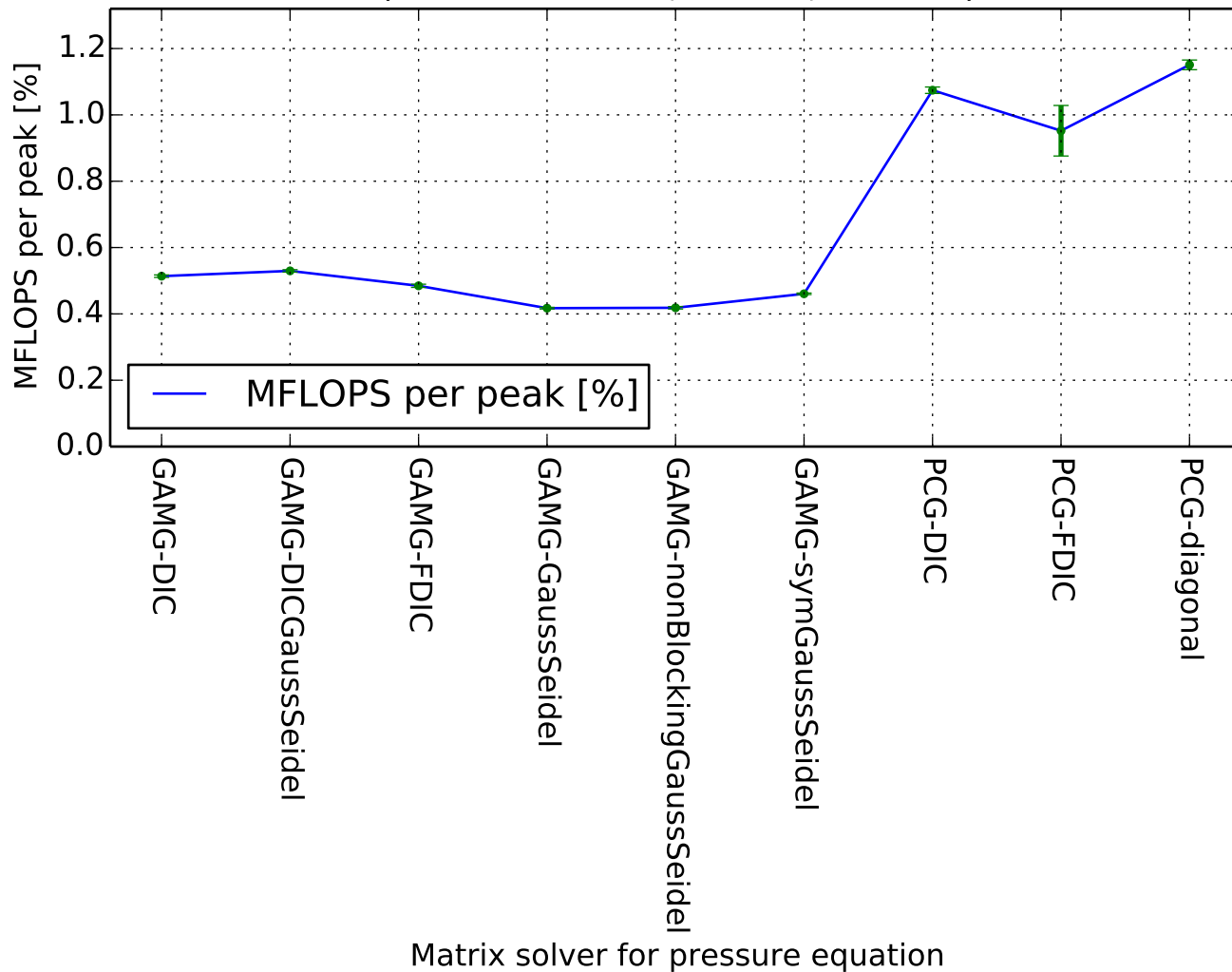
MFLOPS per peak
(1.48732M cells, WALE ,32 MPI)



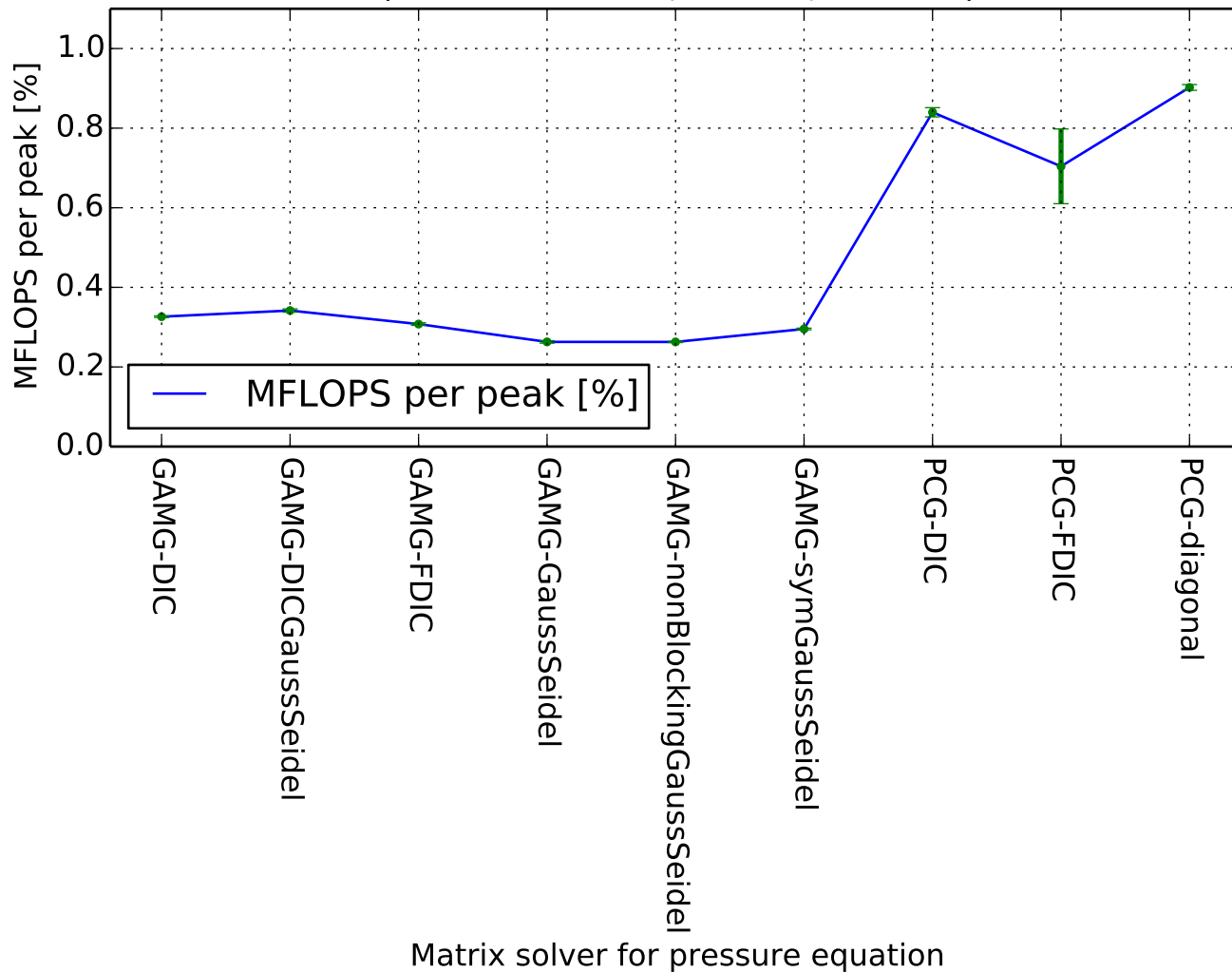
MFLOPS per peak
(1.48732M cells, WALE ,64 MPI)



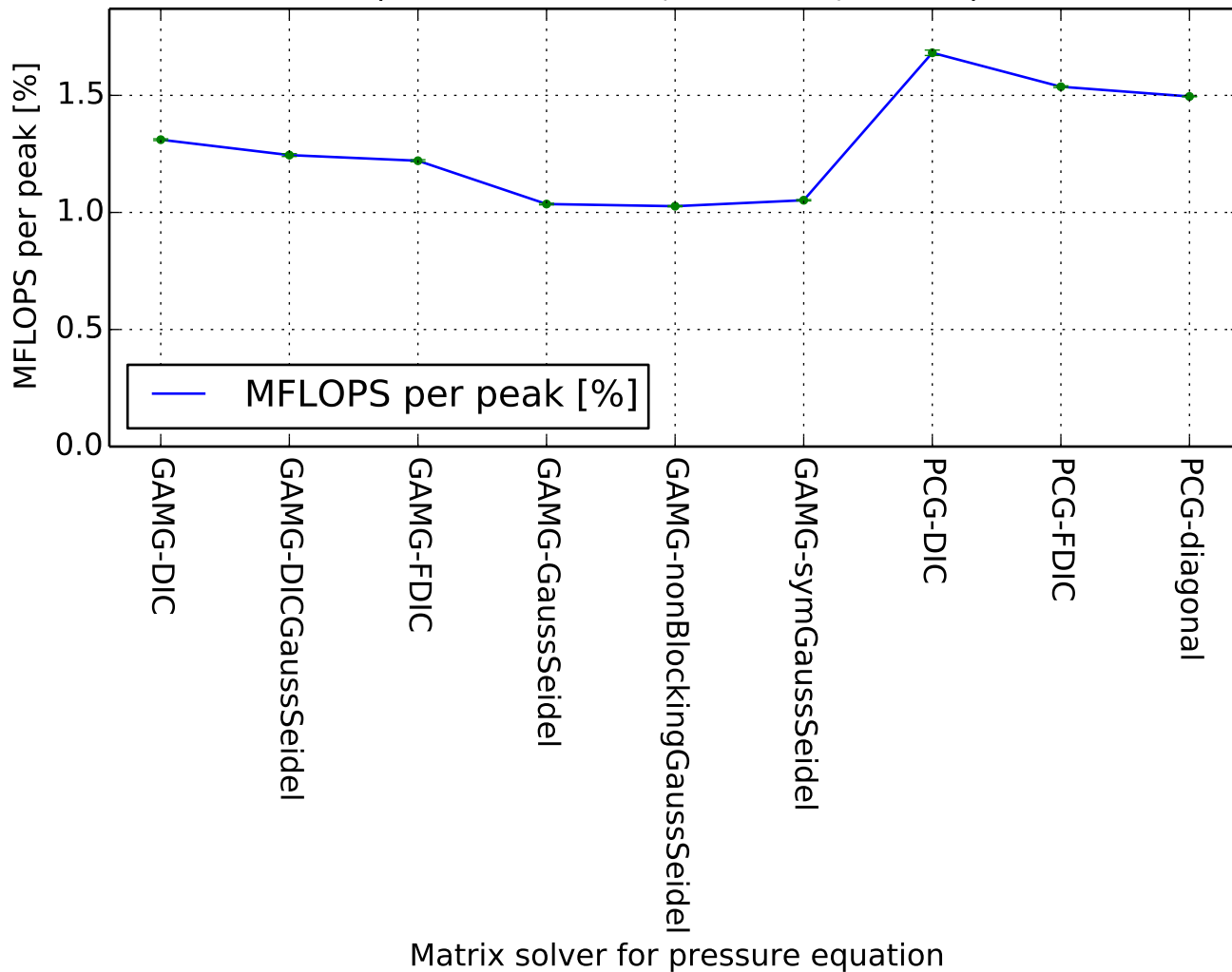
MFLOPS per peak
(1.48732M cells, WALE ,128 MPI)



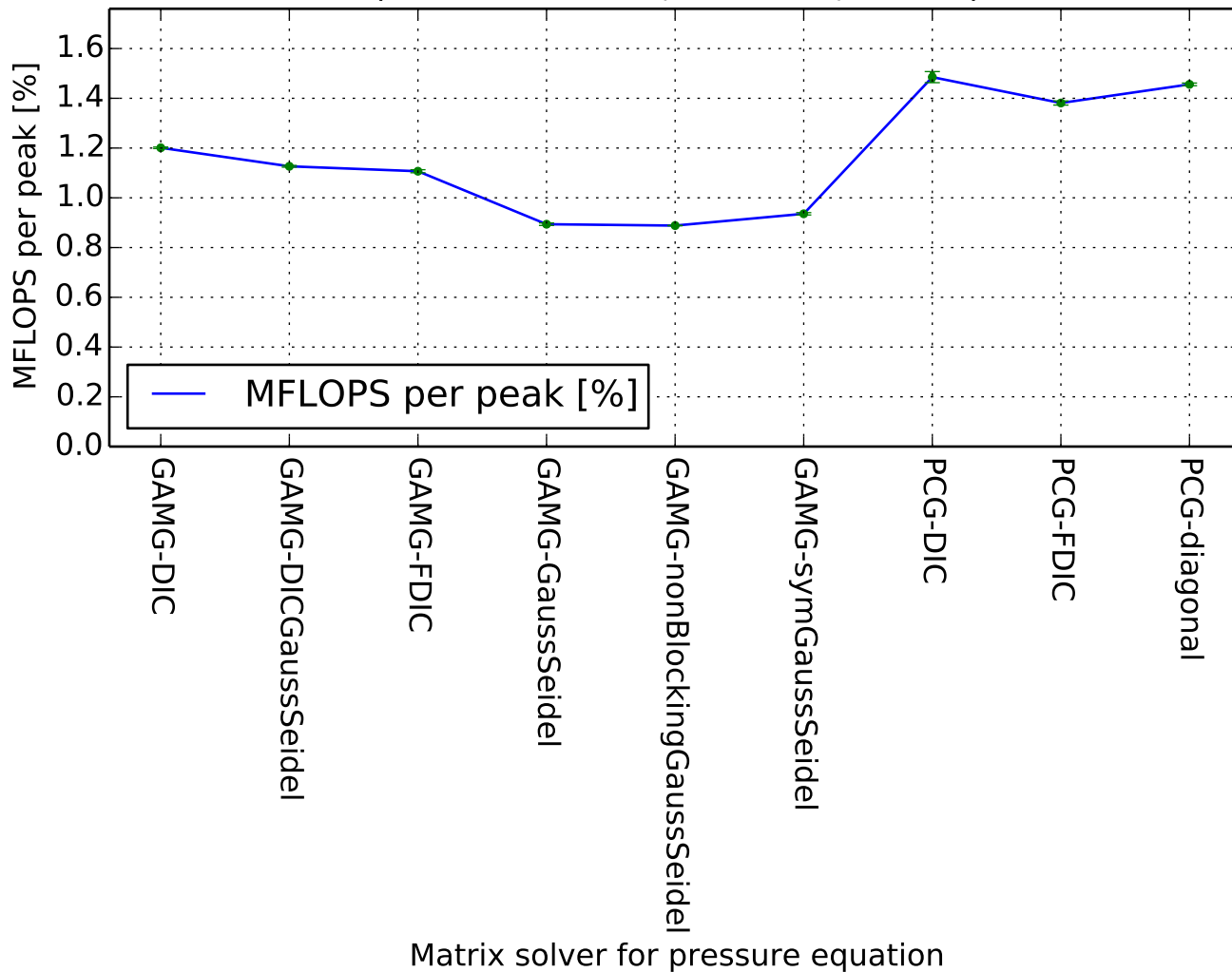
MFLOPS per peak
(1.48732M cells, WALE ,192 MPI)



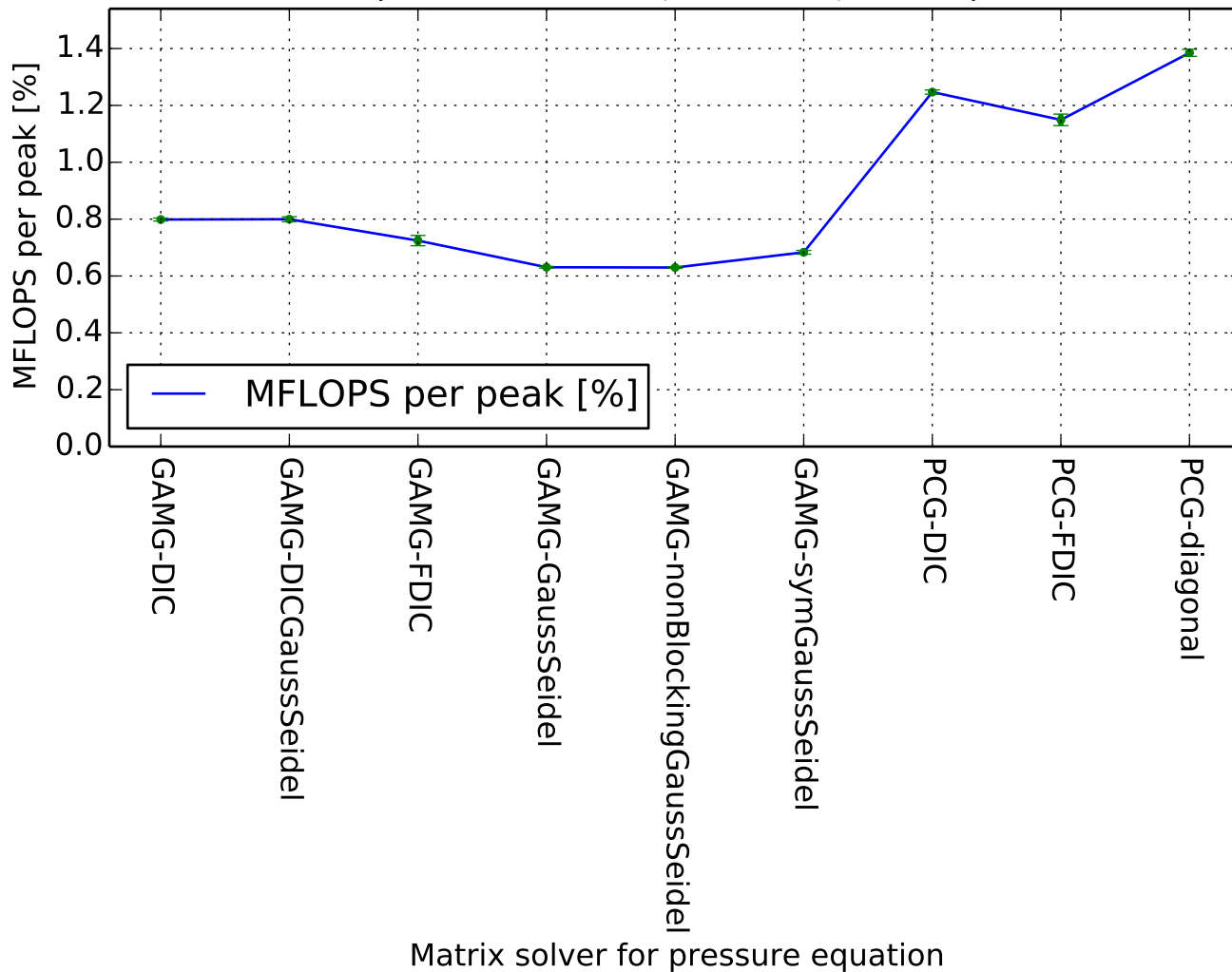
MFLOPS per peak
(1.48732M cells, laminar ,16 MPI)



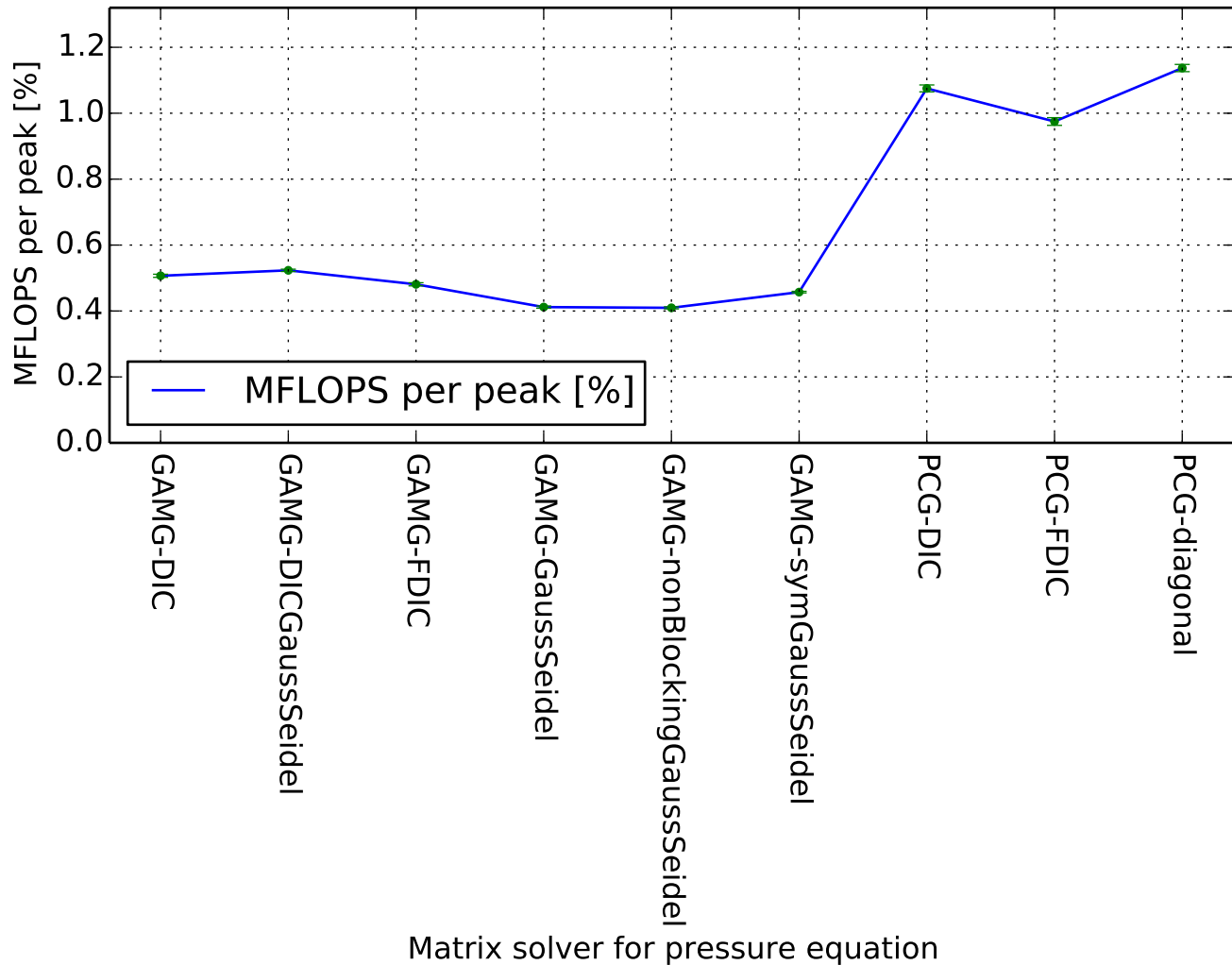
MFLOPS per peak
(1.48732M cells, laminar ,32 MPI)



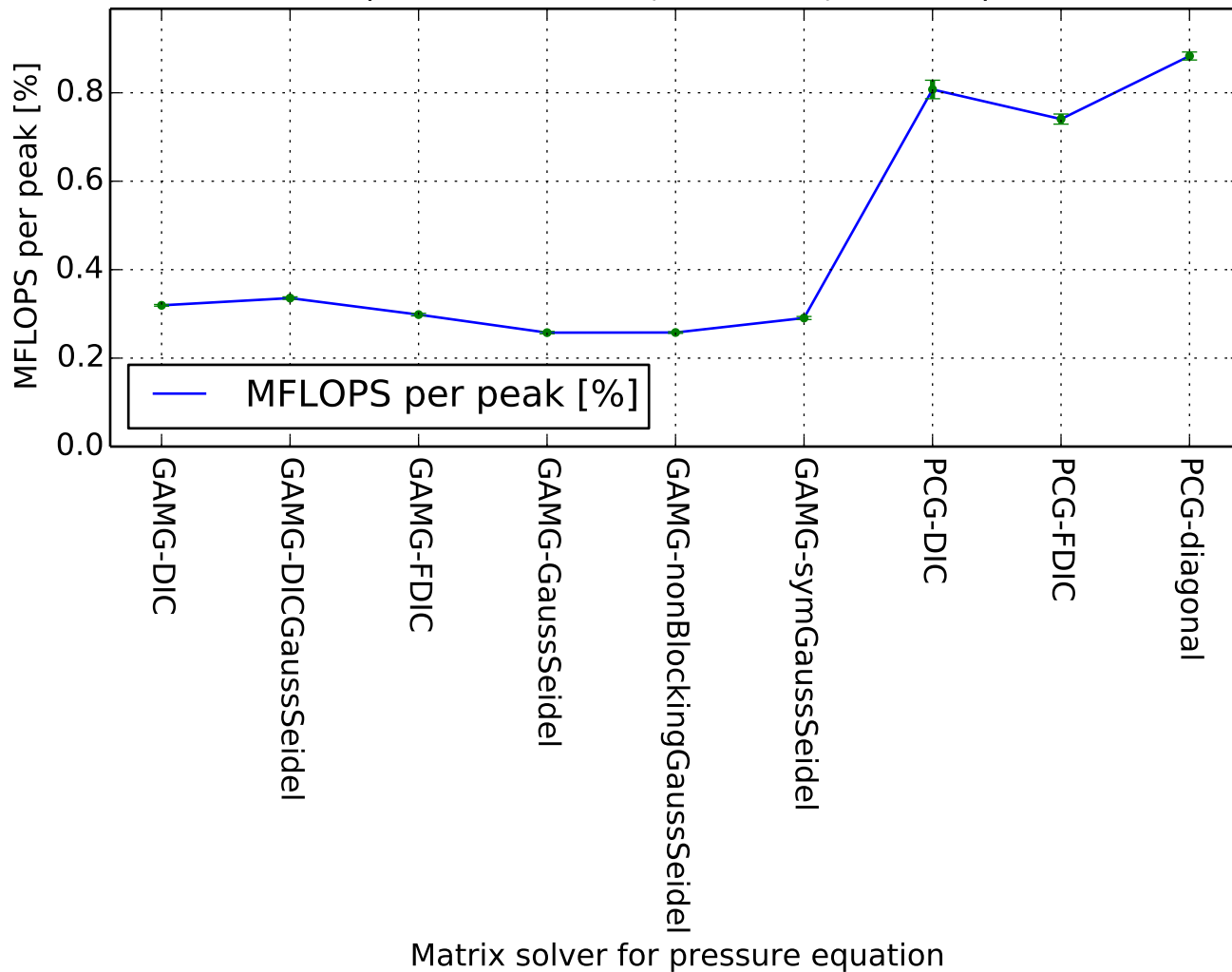
MFLOPS per peak
(1.48732M cells, laminar ,64 MPI)



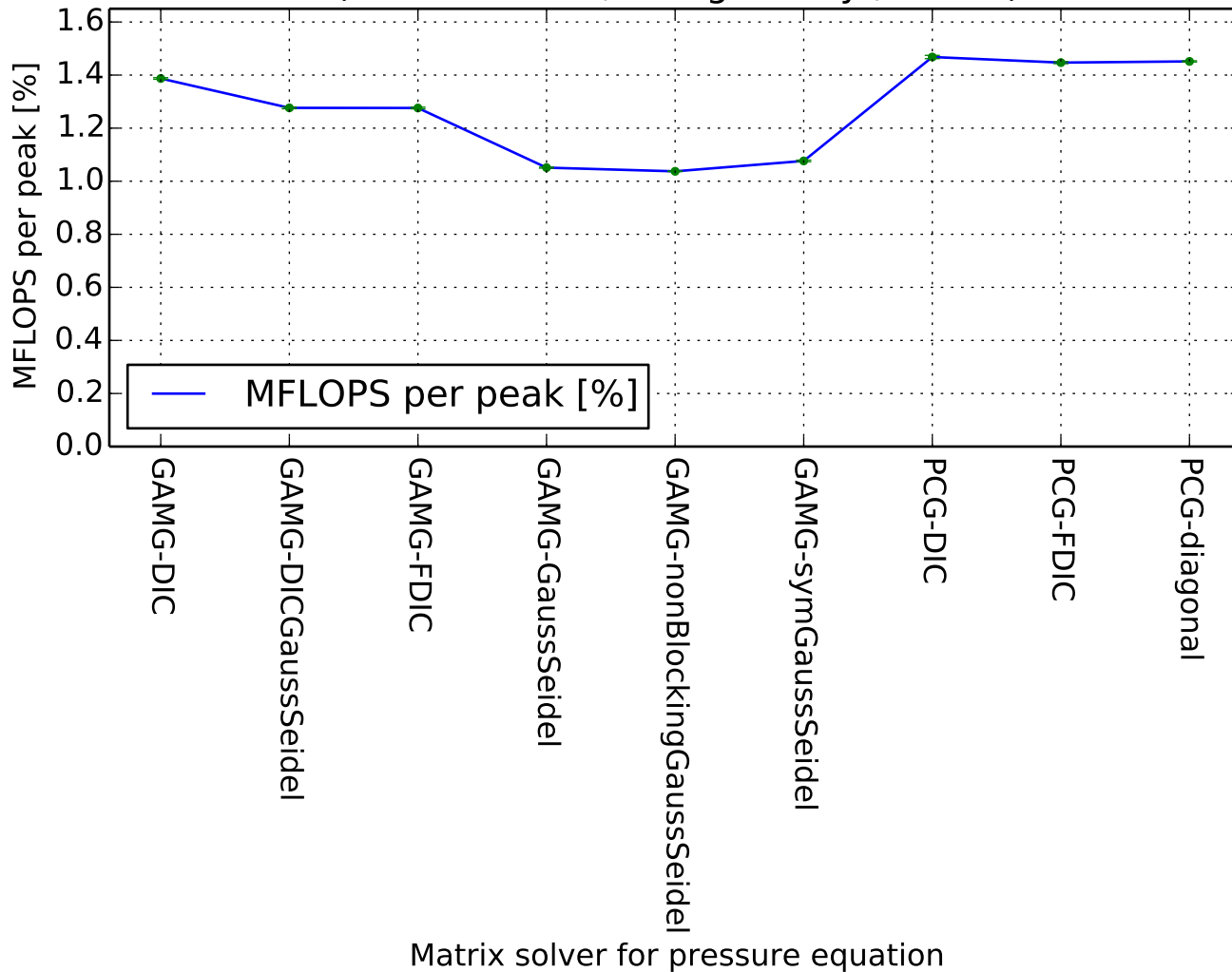
MFLOPS per peak
(1.48732M cells, laminar ,128 MPI)



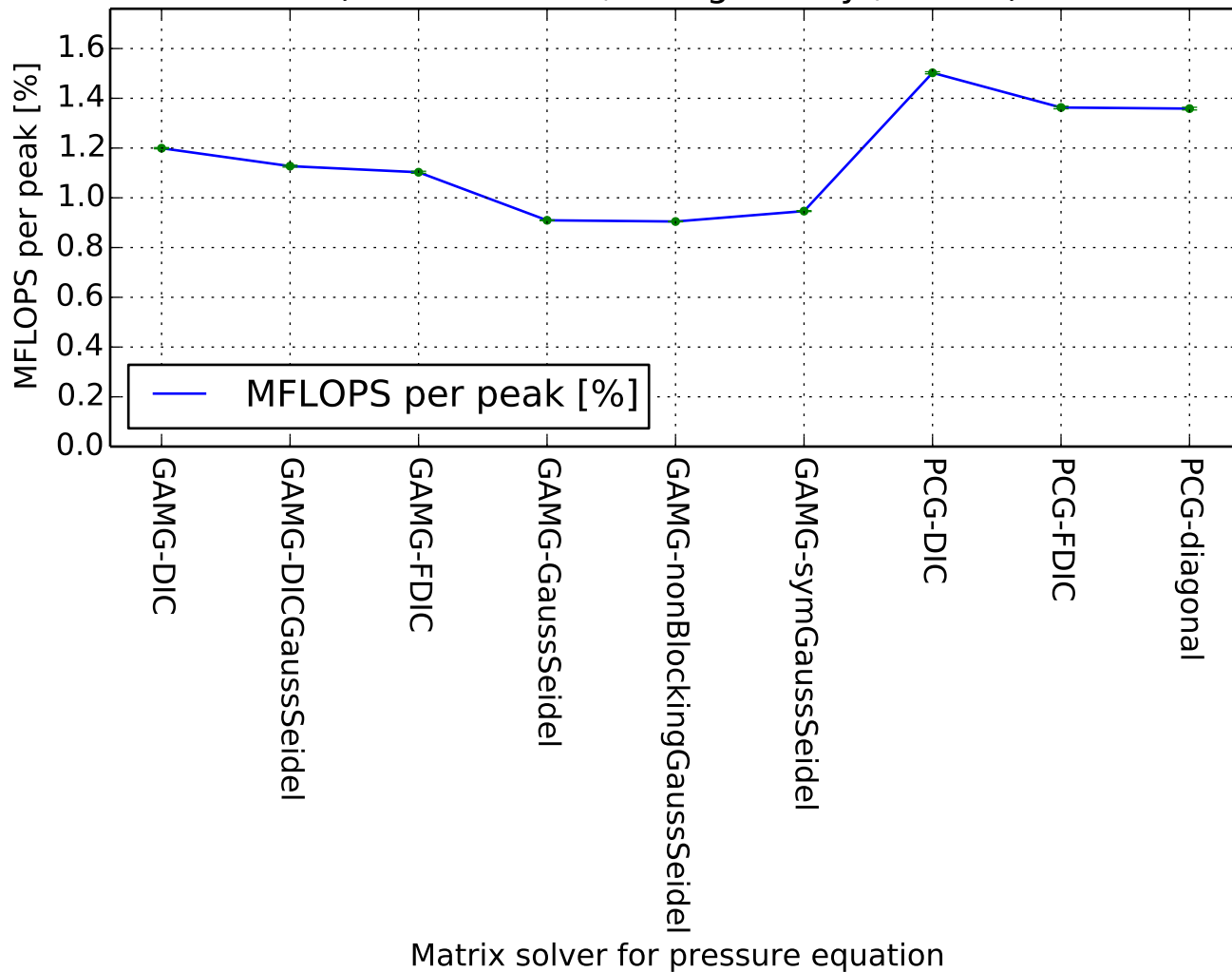
MFLOPS per peak
(1.48732M cells, laminar ,192 MPI)



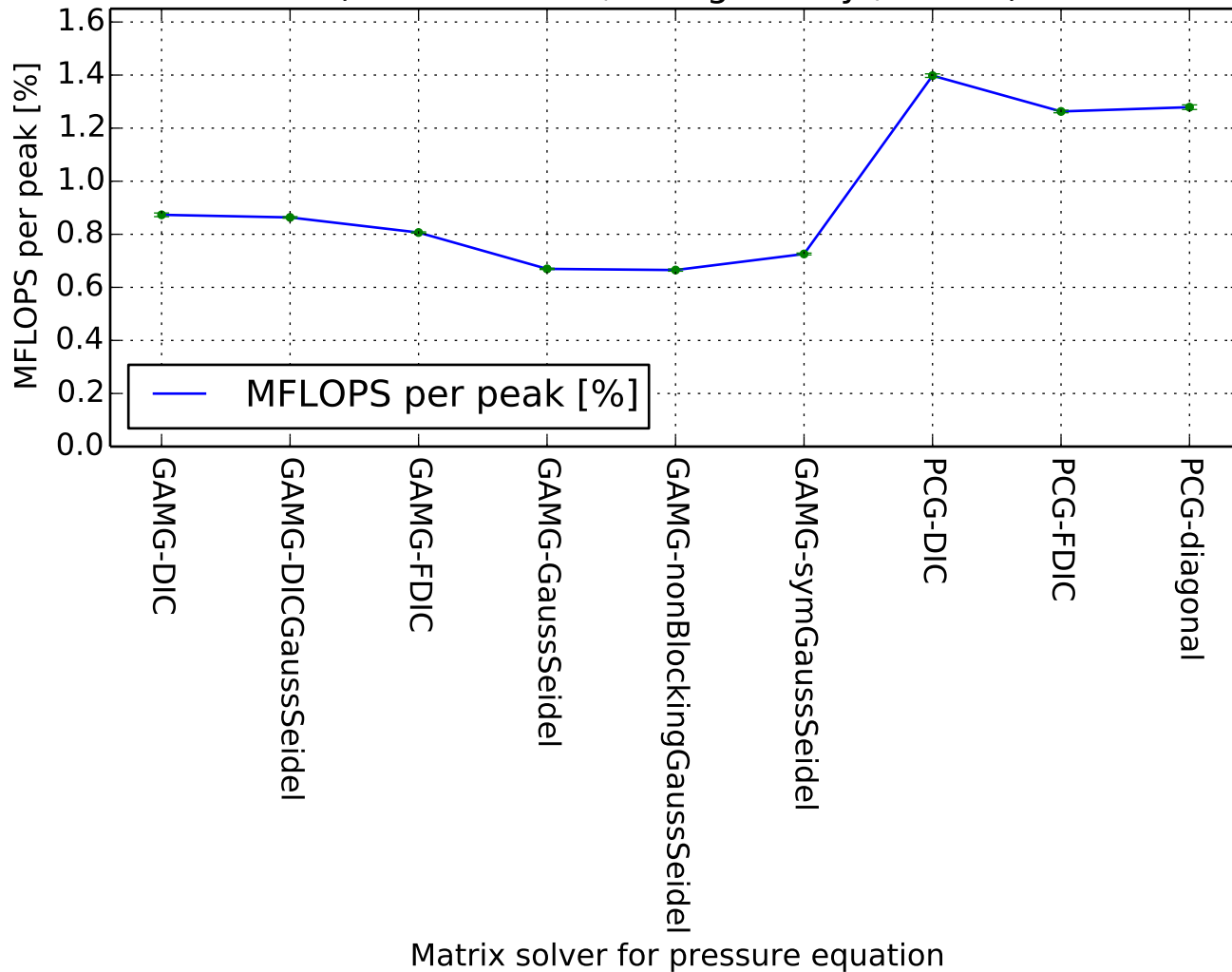
MFLOPS per peak
(2.9952M cells, Smagorinsky ,16 MPI)



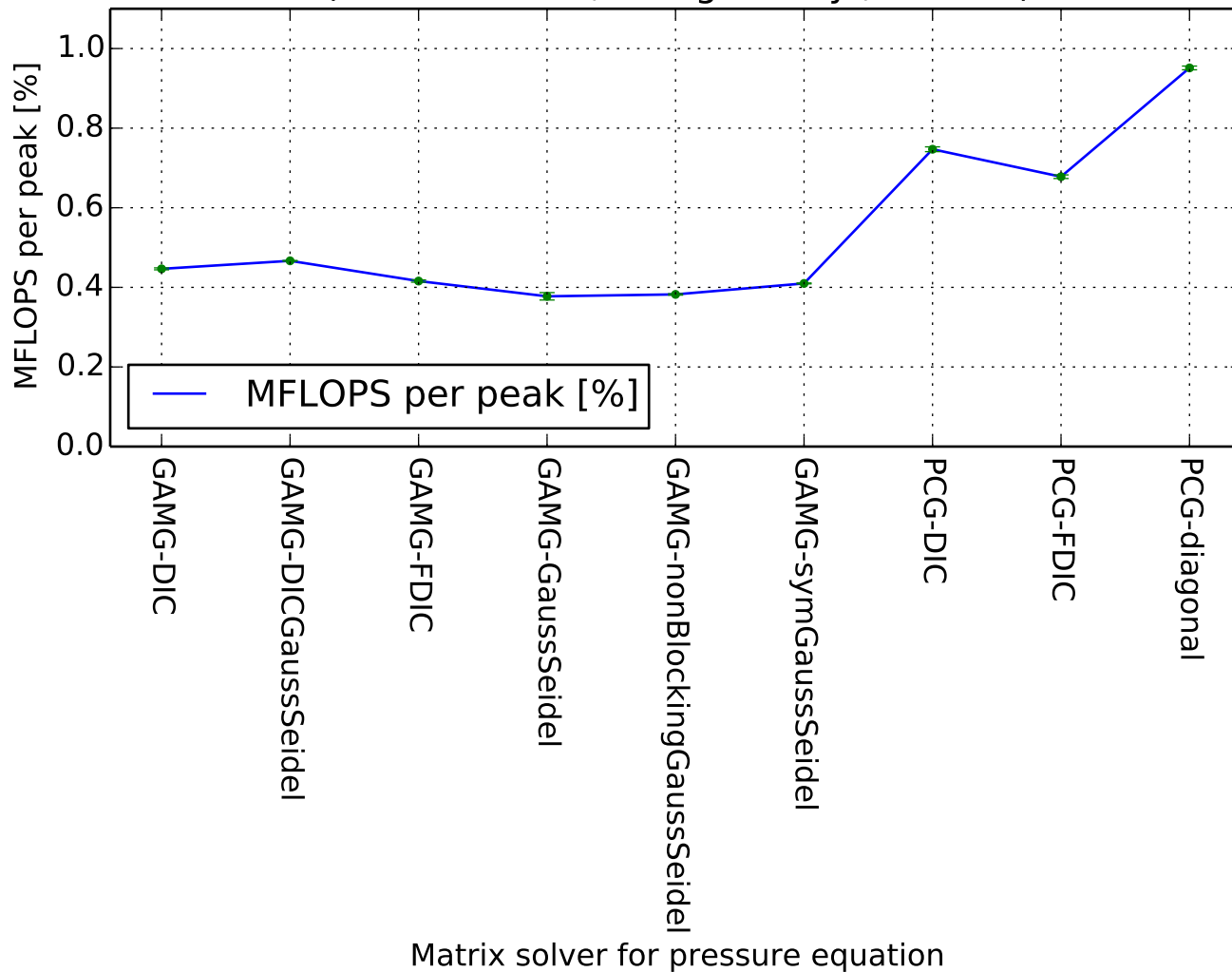
MFLOPS per peak
(2.9952M cells, Smagorinsky ,32 MPI)



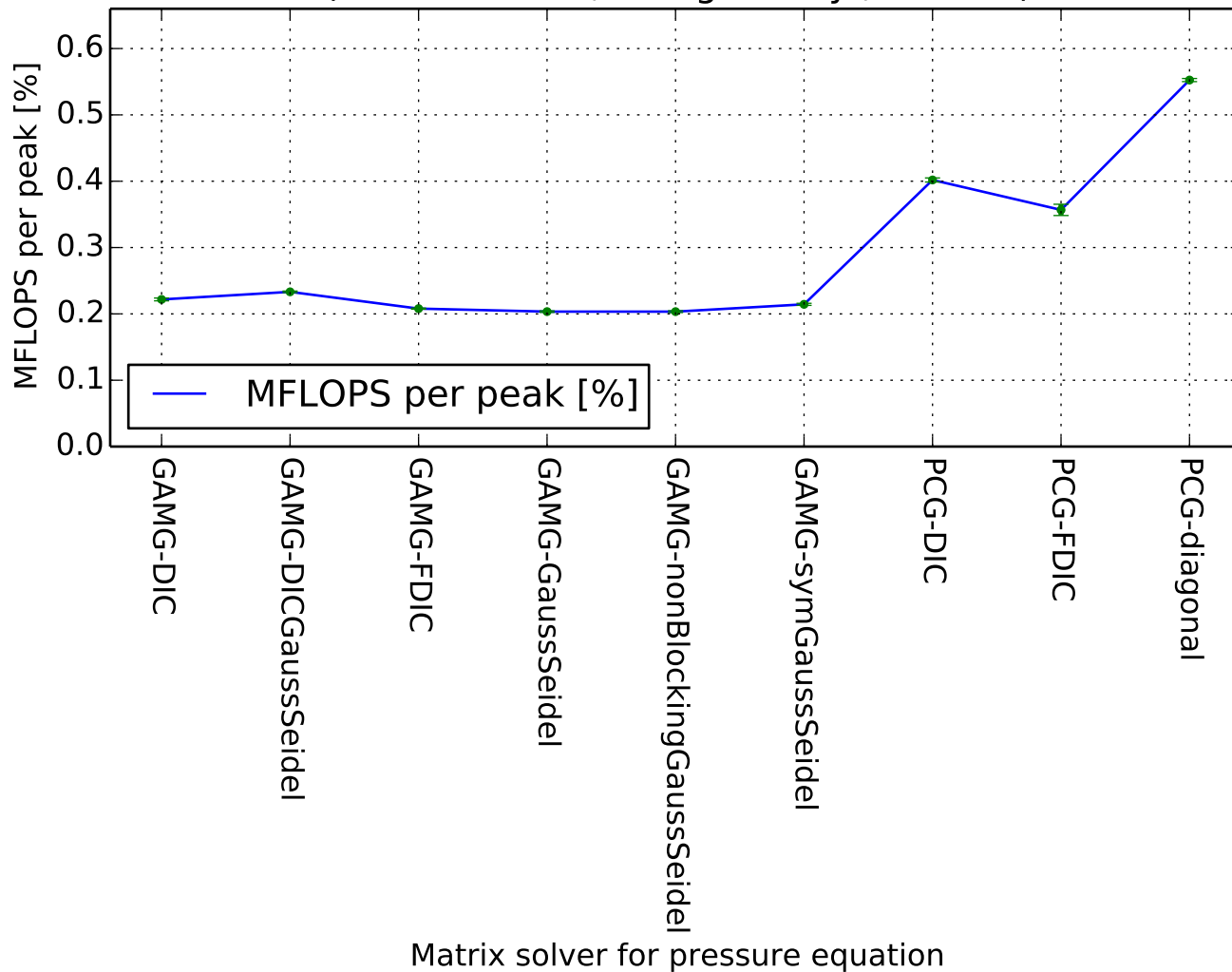
MFLOPS per peak
(2.9952M cells, Smagorinsky ,64 MPI)



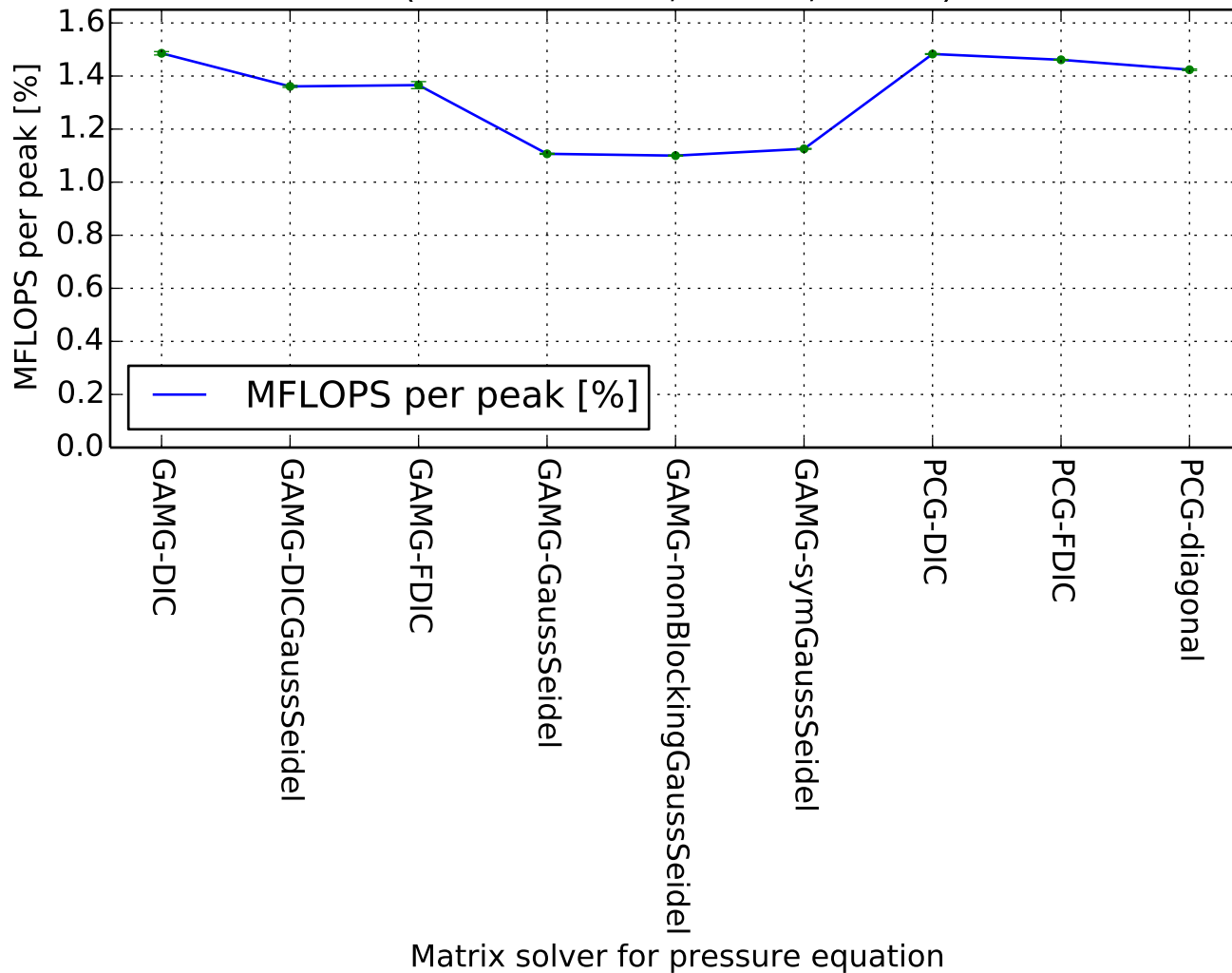
MFLOPS per peak
(2.9952M cells, Smagorinsky ,128 MPI)



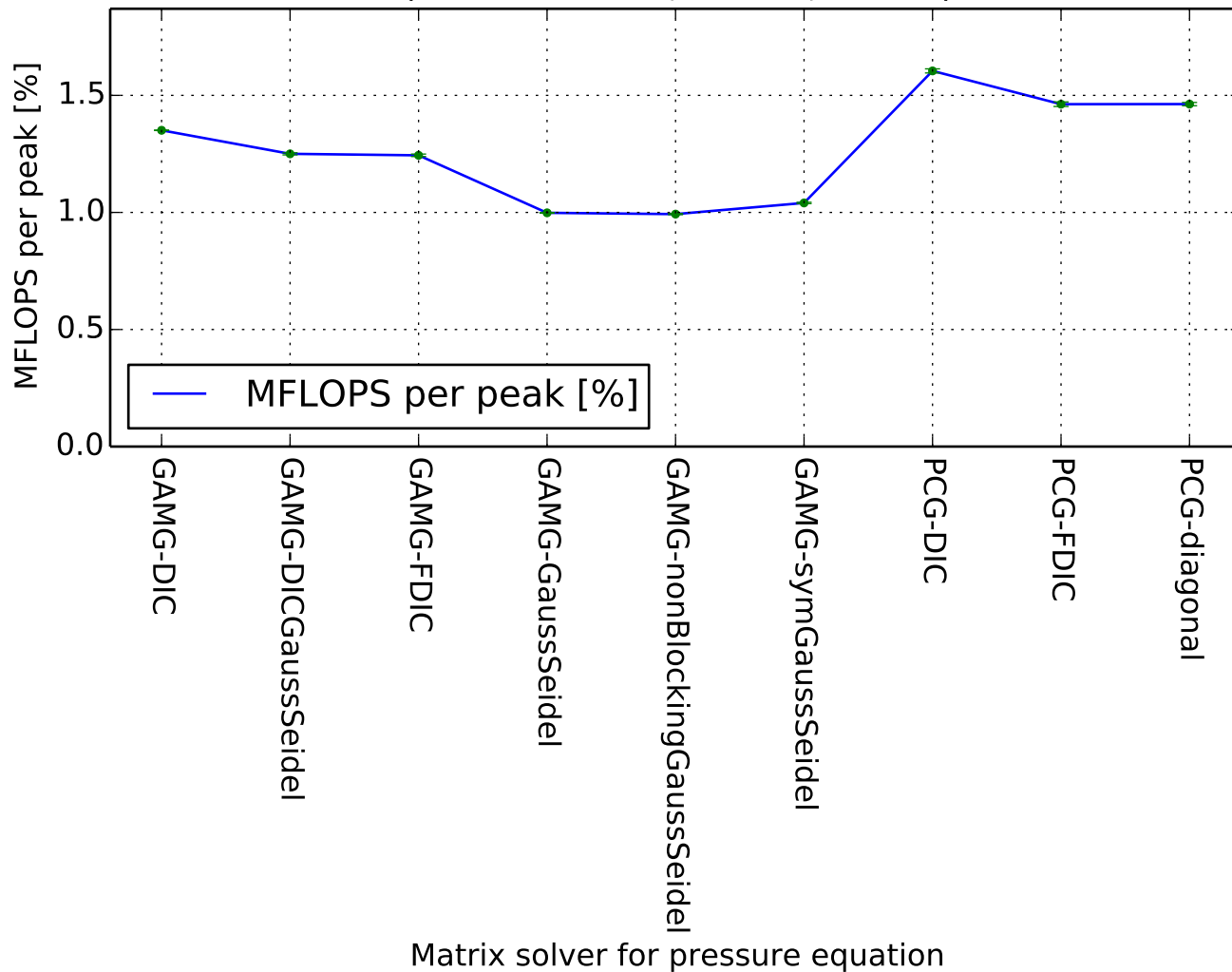
MFLOPS per peak
(2.9952M cells, Smagorinsky ,192 MPI)



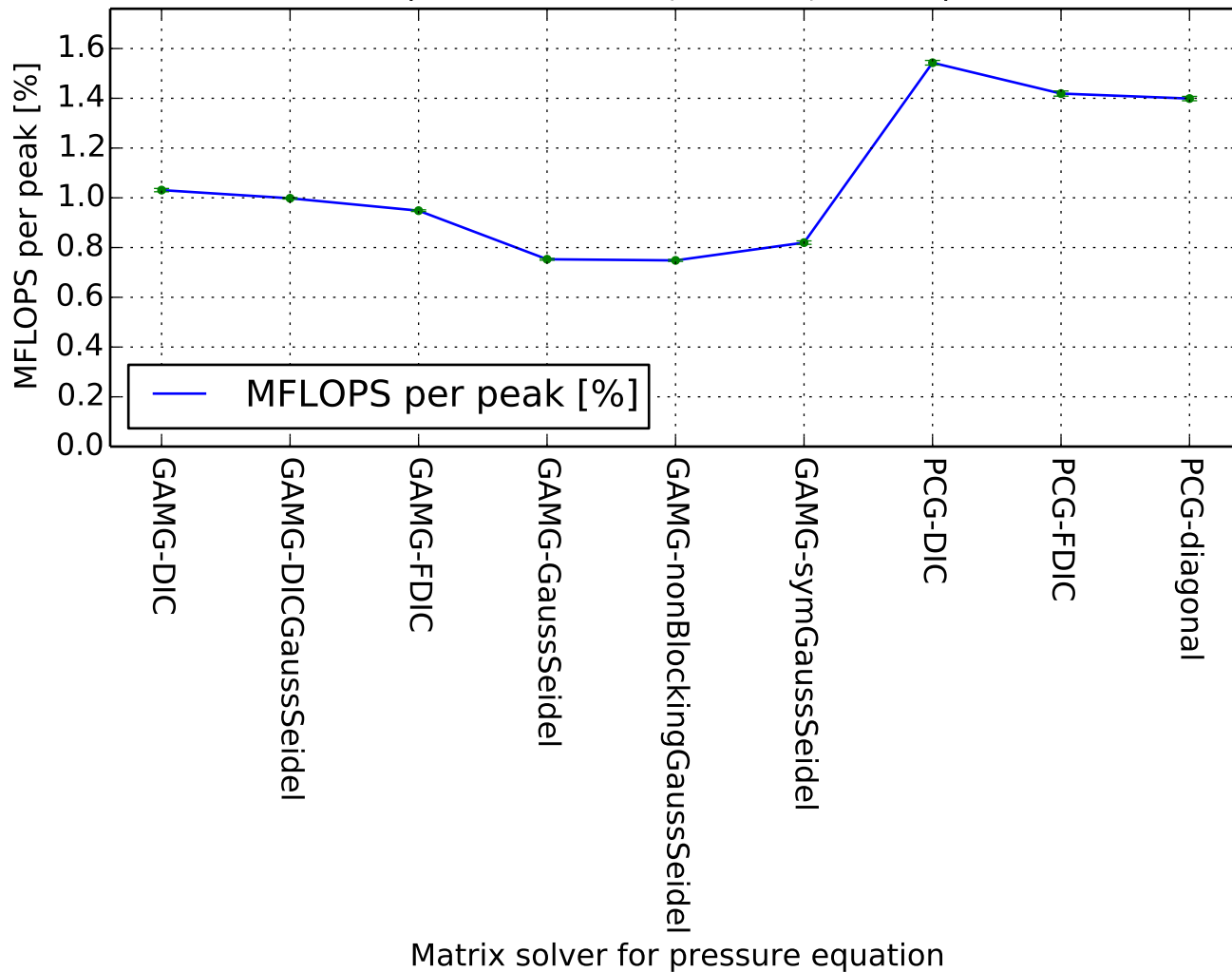
MFLOPS per peak
(2.9952M cells, WALE ,16 MPI)



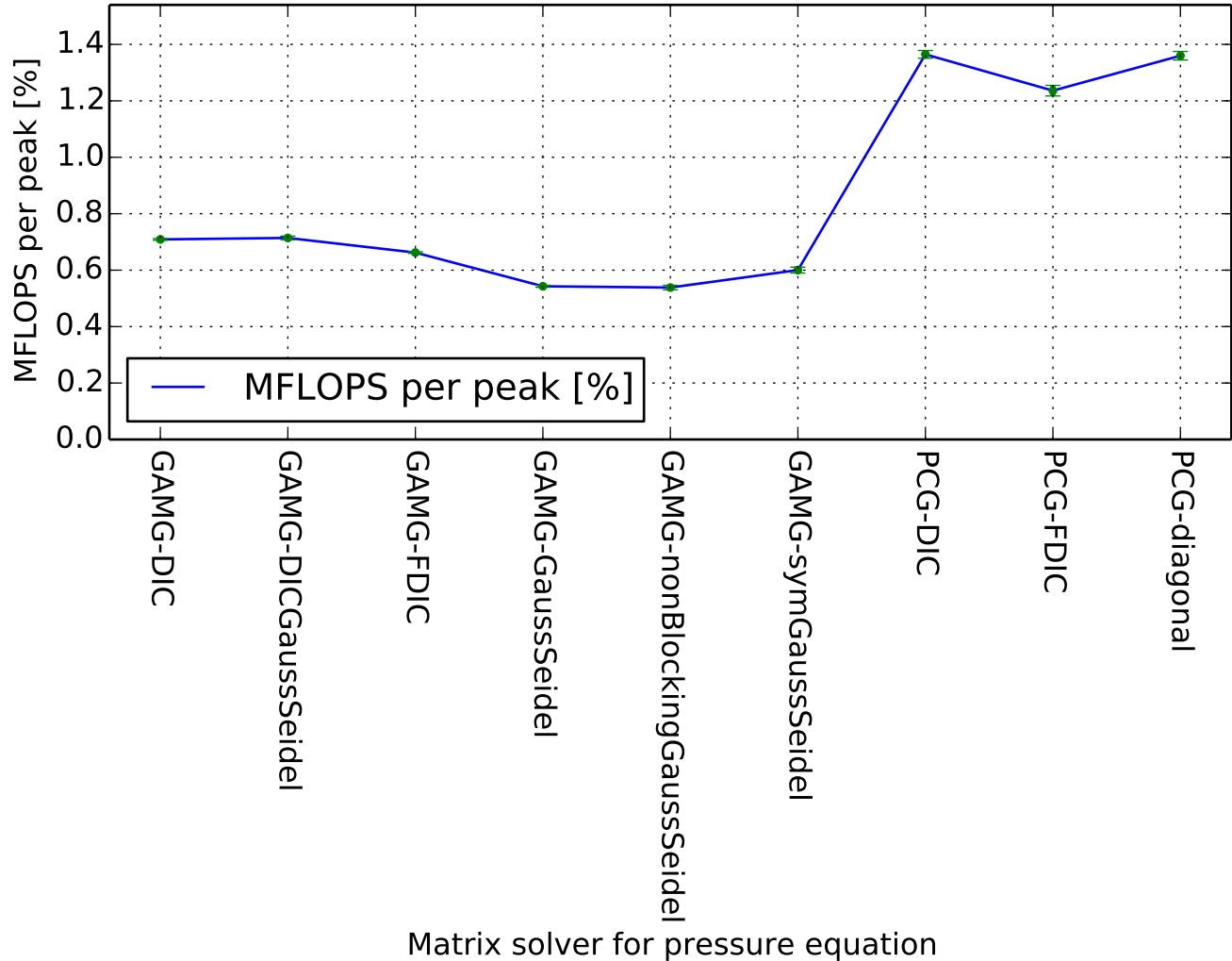
MFLOPS per peak
(2.9952M cells, WALE ,32 MPI)



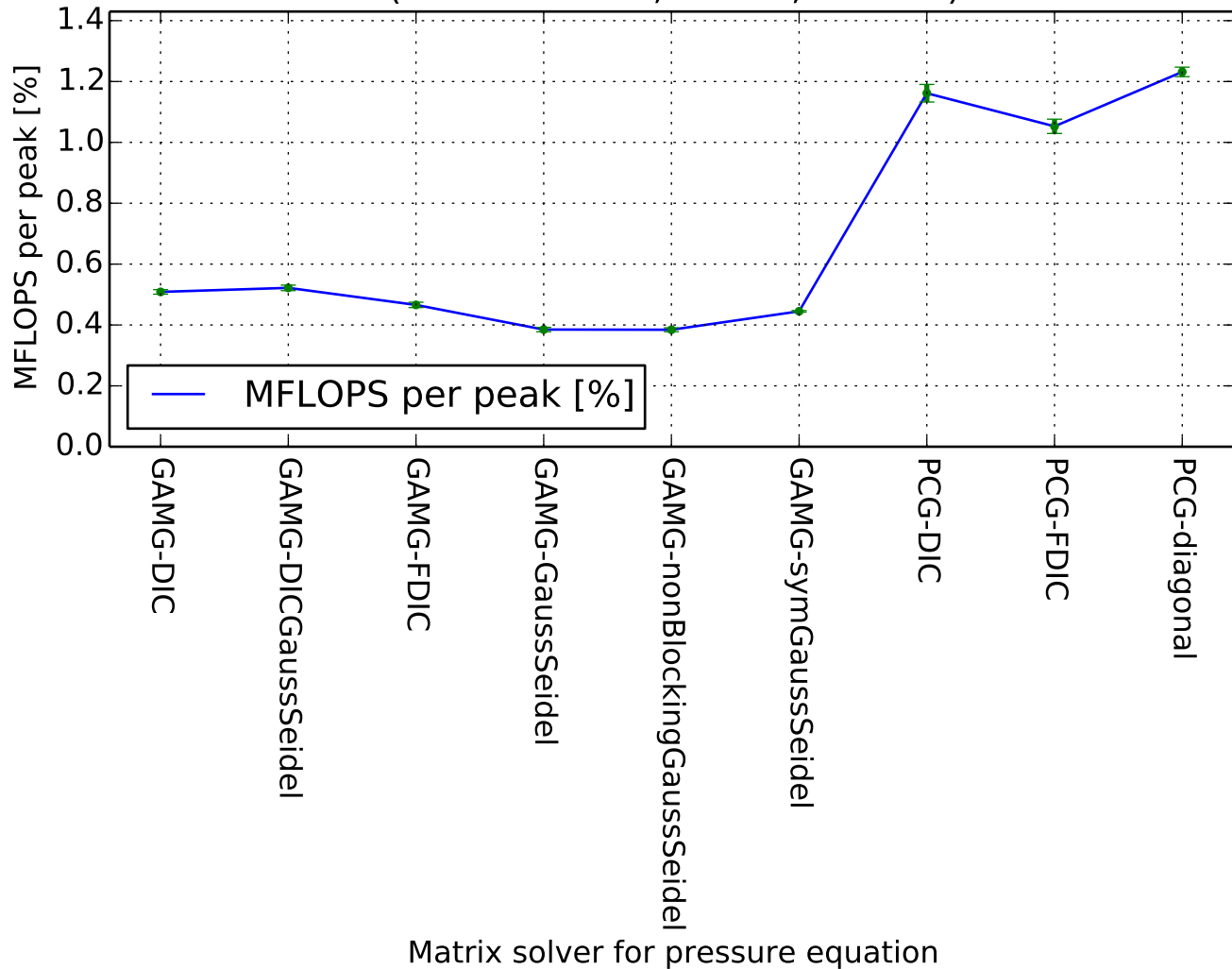
MFLOPS per peak
(2.9952M cells, WALE ,64 MPI)



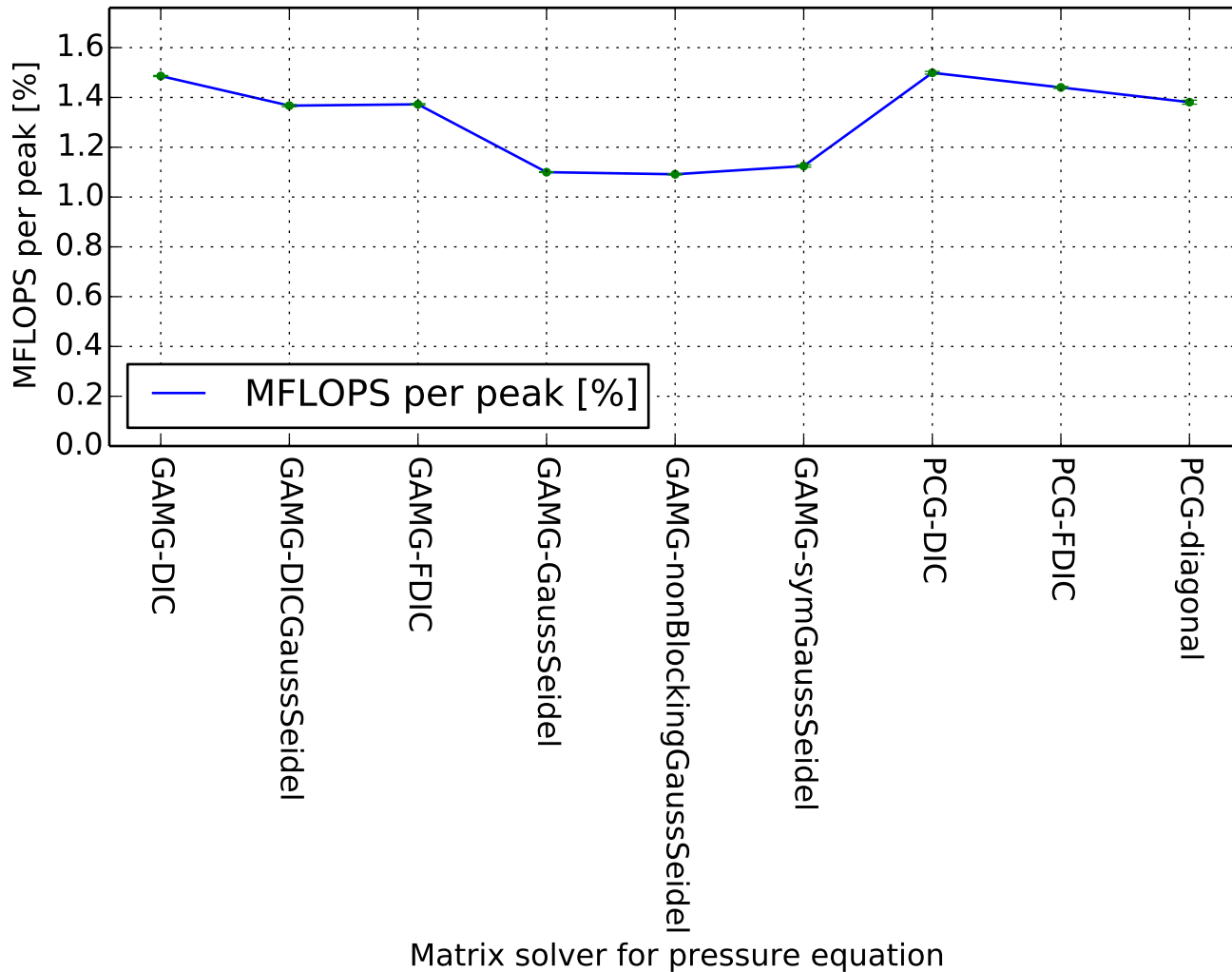
MFLOPS per peak
(2.9952M cells, WALE ,128 MPI)



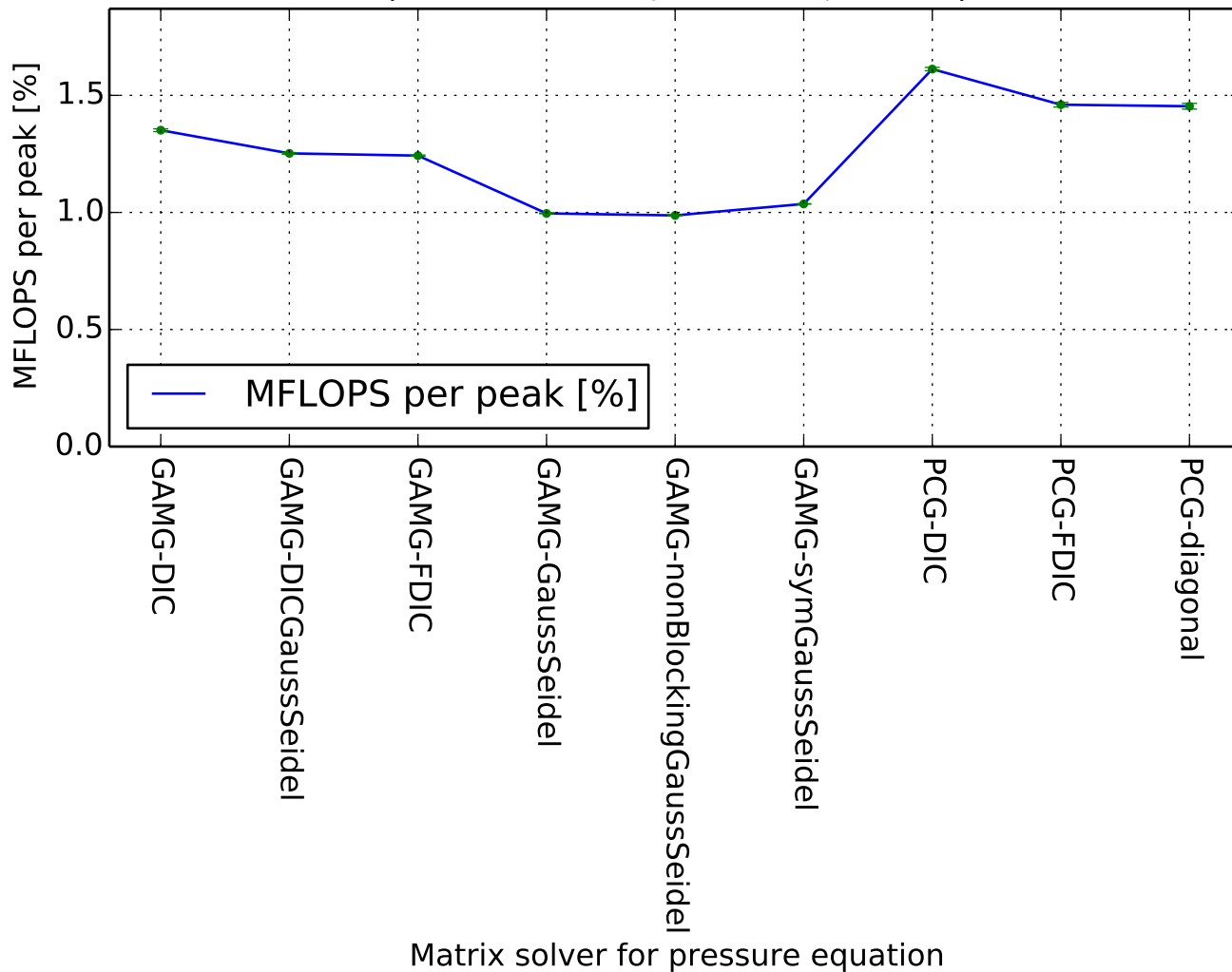
MFLOPS per peak
(2.9952M cells, WALE ,192 MPI)



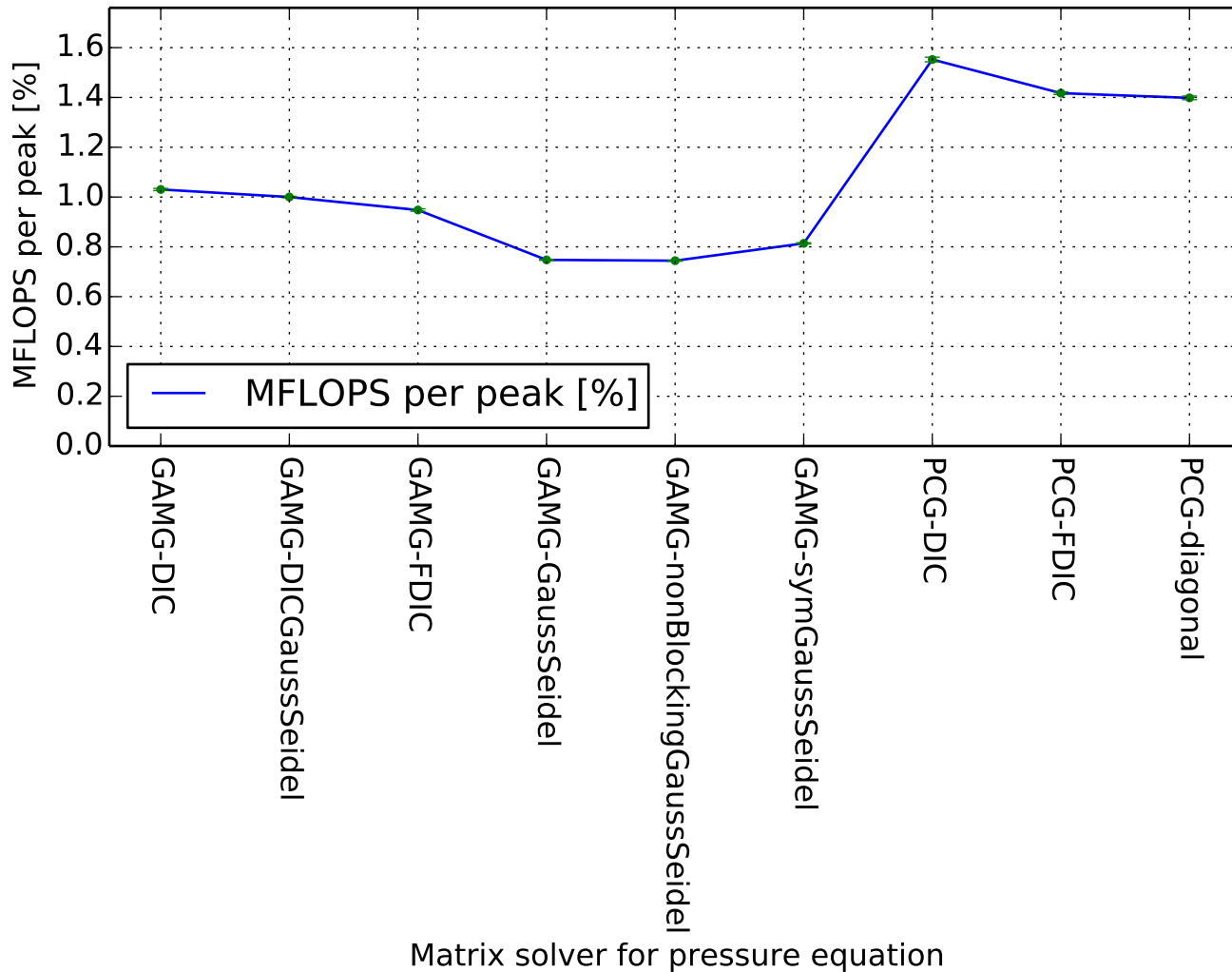
MFLOPS per peak
(2.9952M cells, laminar ,16 MPI)



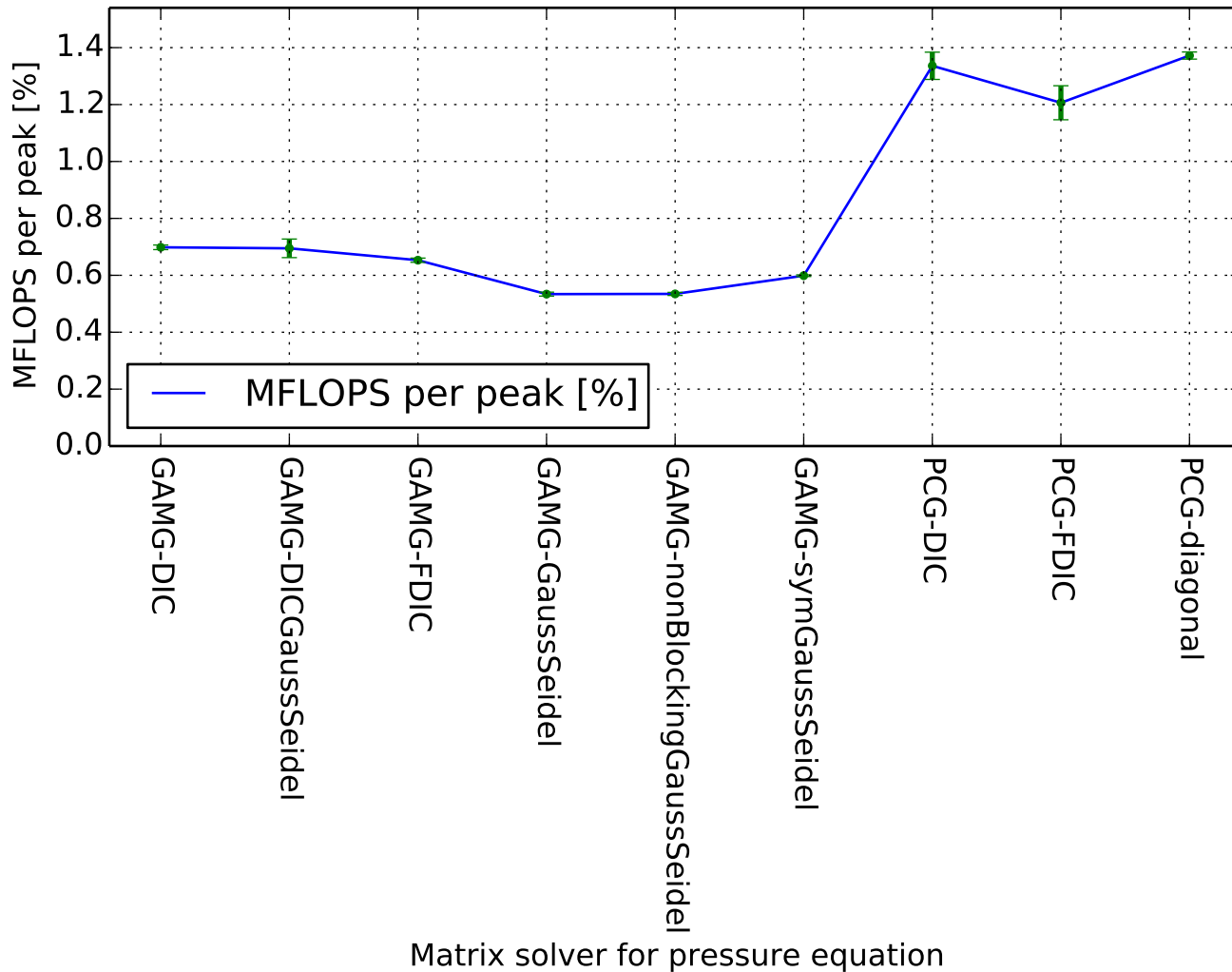
MFLOPS per peak
(2.9952M cells, laminar ,32 MPI)



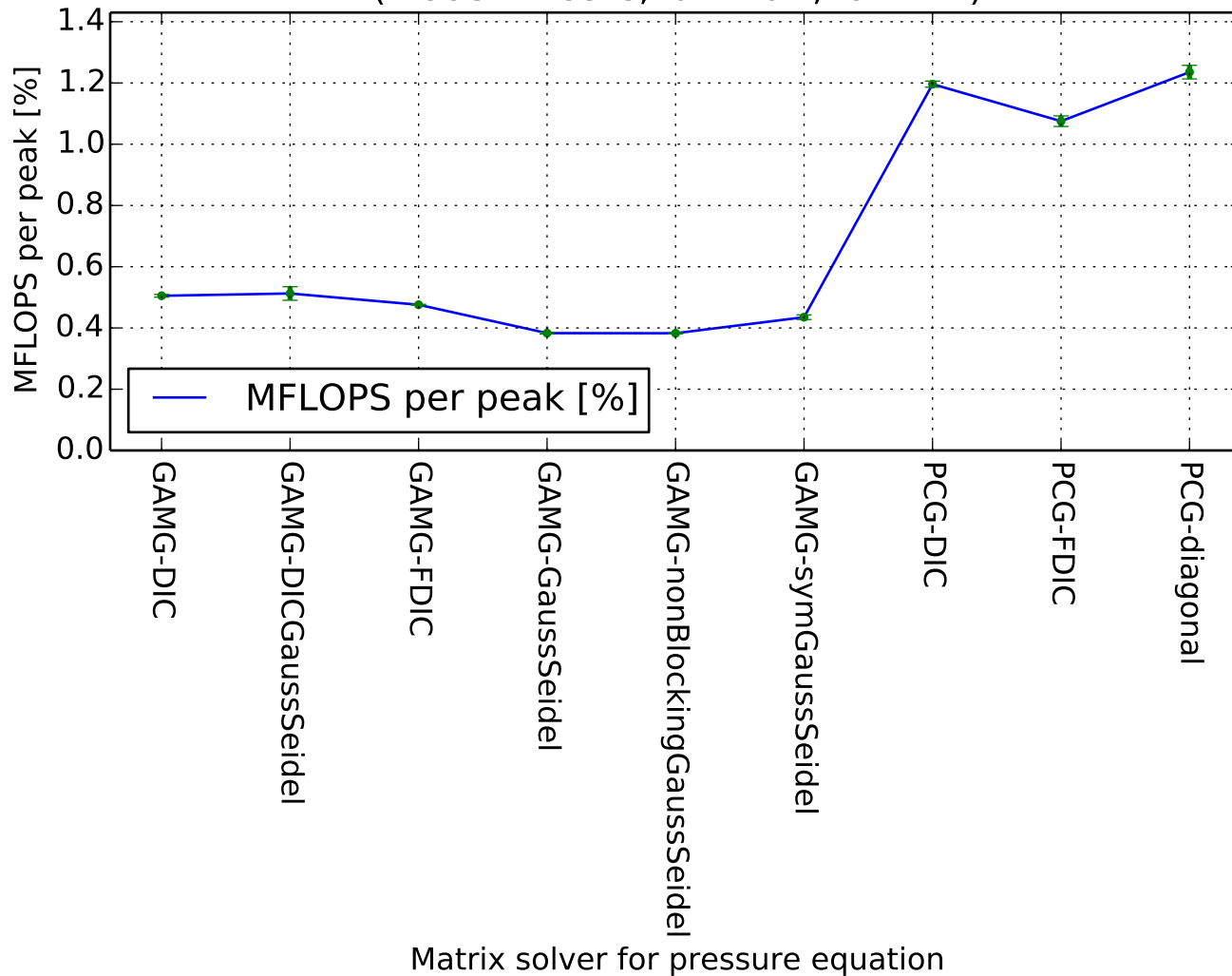
MFLOPS per peak
(2.9952M cells, laminar ,64 MPI)



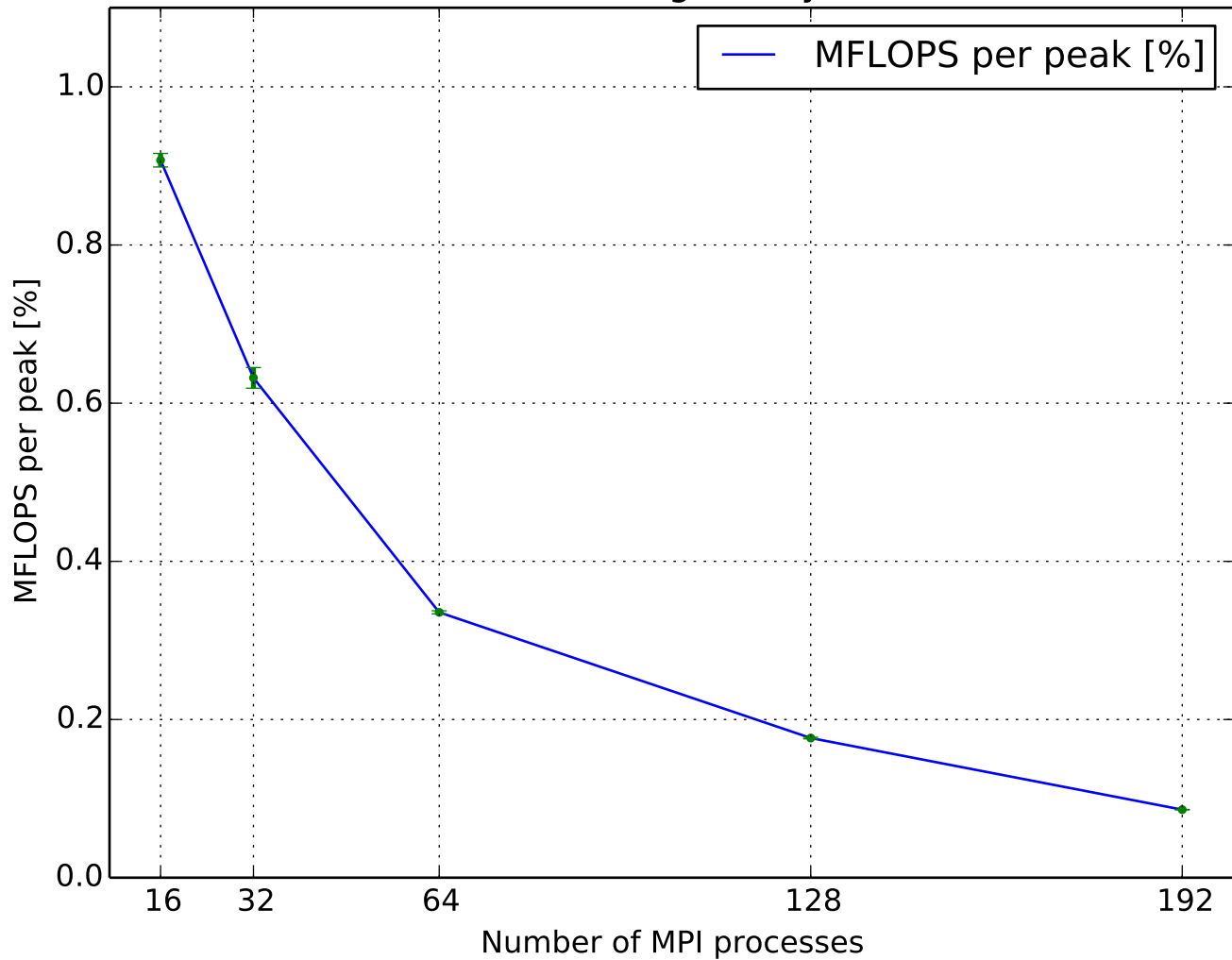
MFLOPS per peak
(2.9952M cells, laminar ,128 MPI)



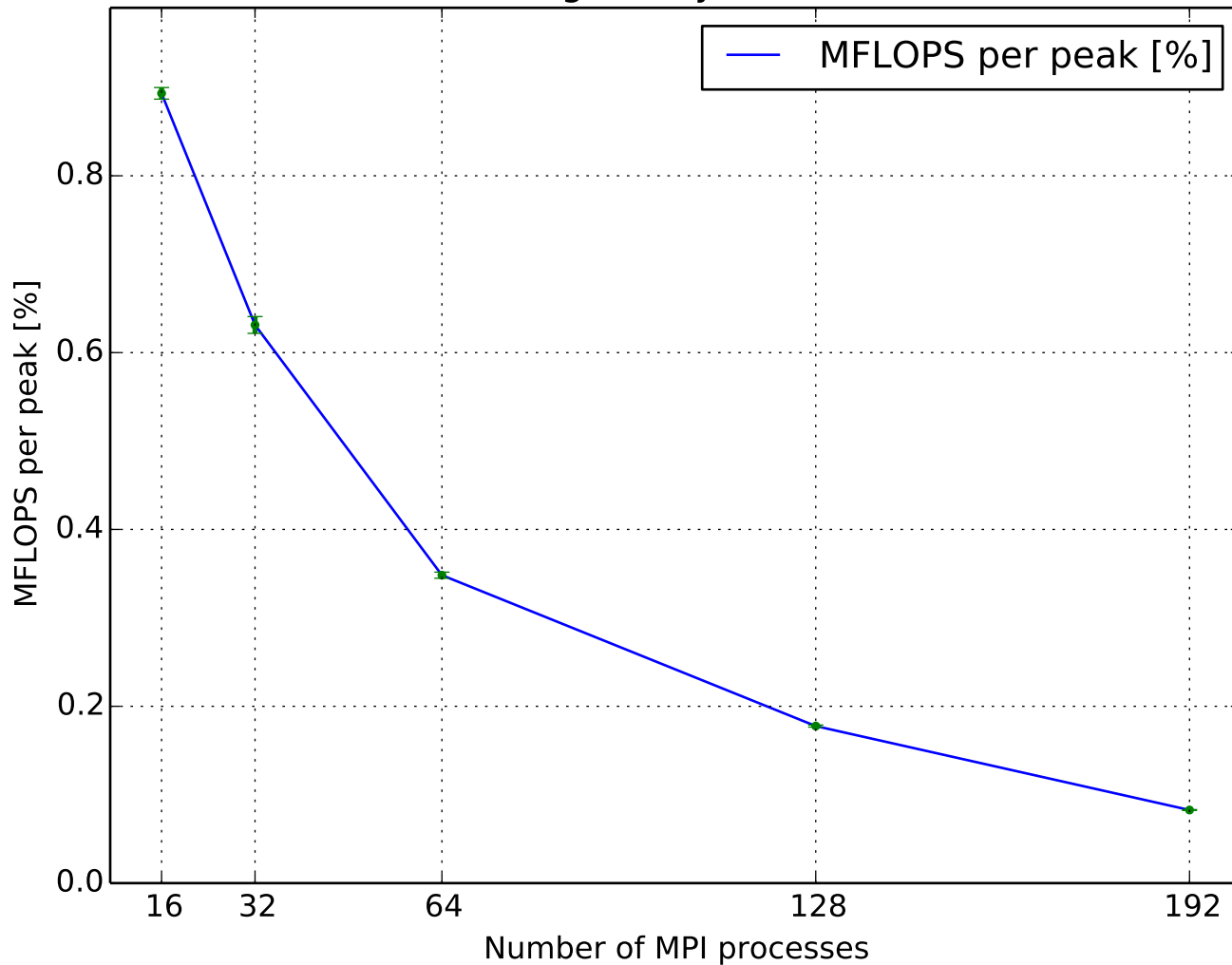
MFLOPS per peak
(2.9952M cells, laminar ,192 MPI)



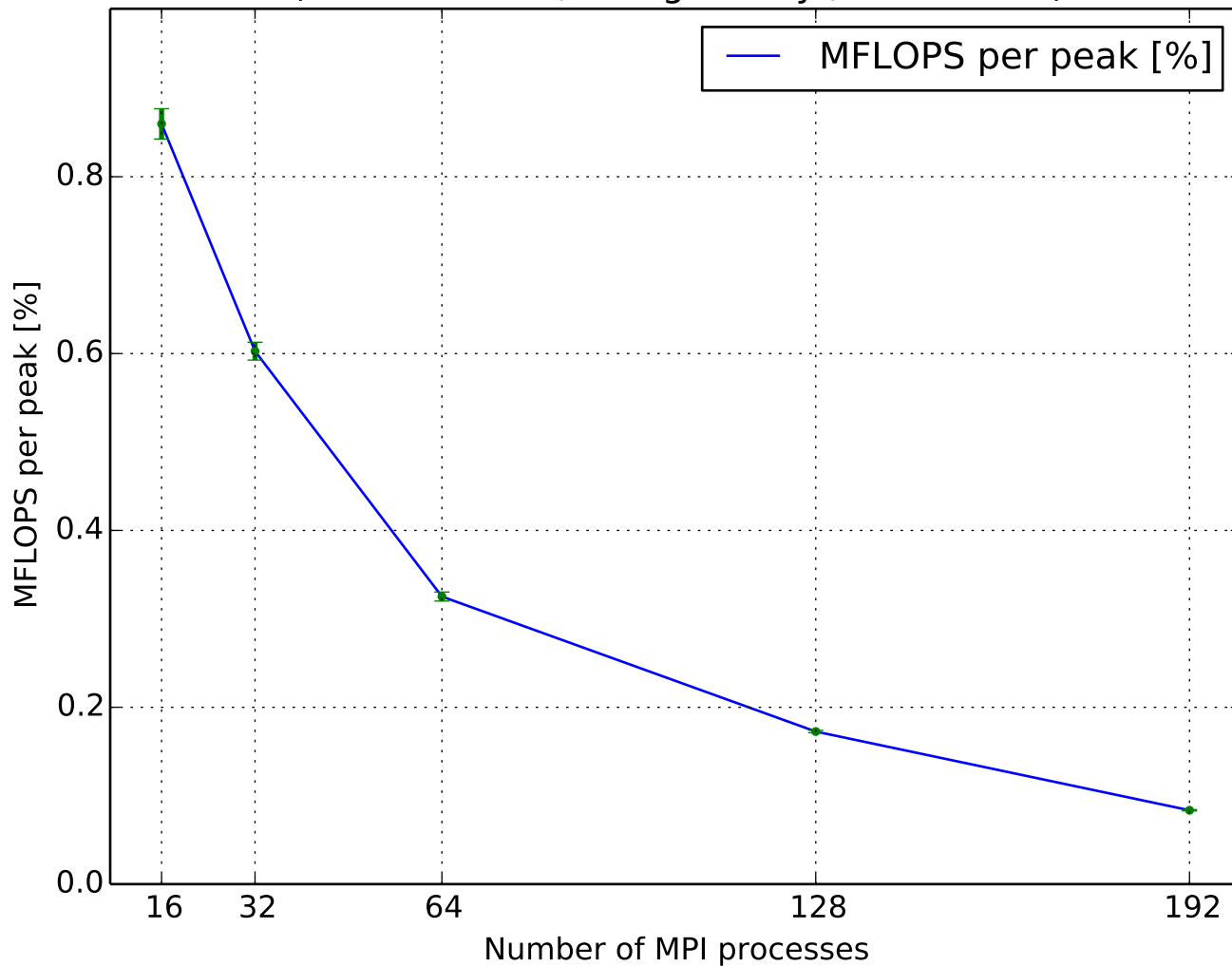
MFLOPS per peak
(0.3744M cells, Smagorinsky ,GAMG-DIC)



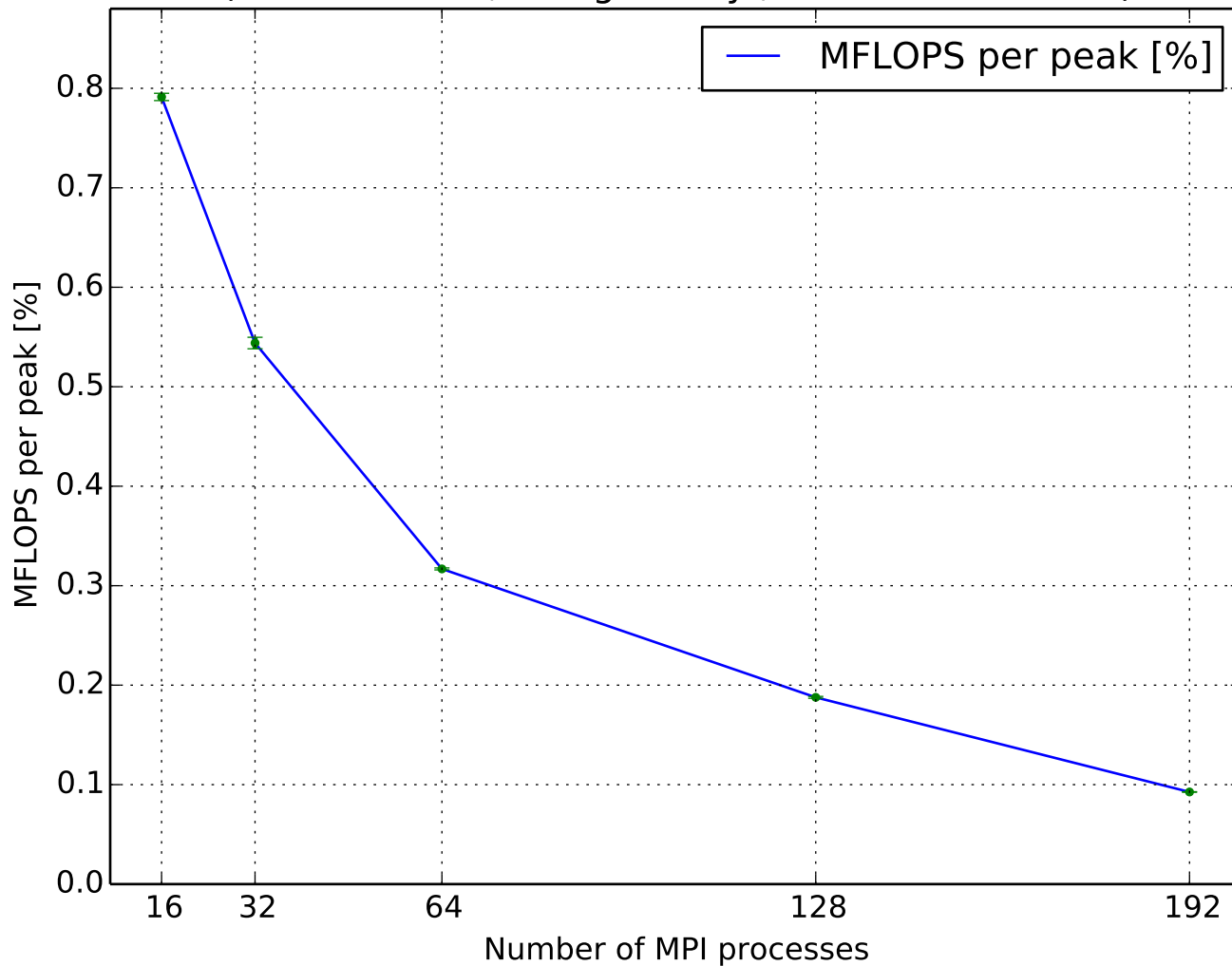
MFLOPS per peak
(0.3744M cells, Smagorinsky ,GAMG-DICGaussSeidel)



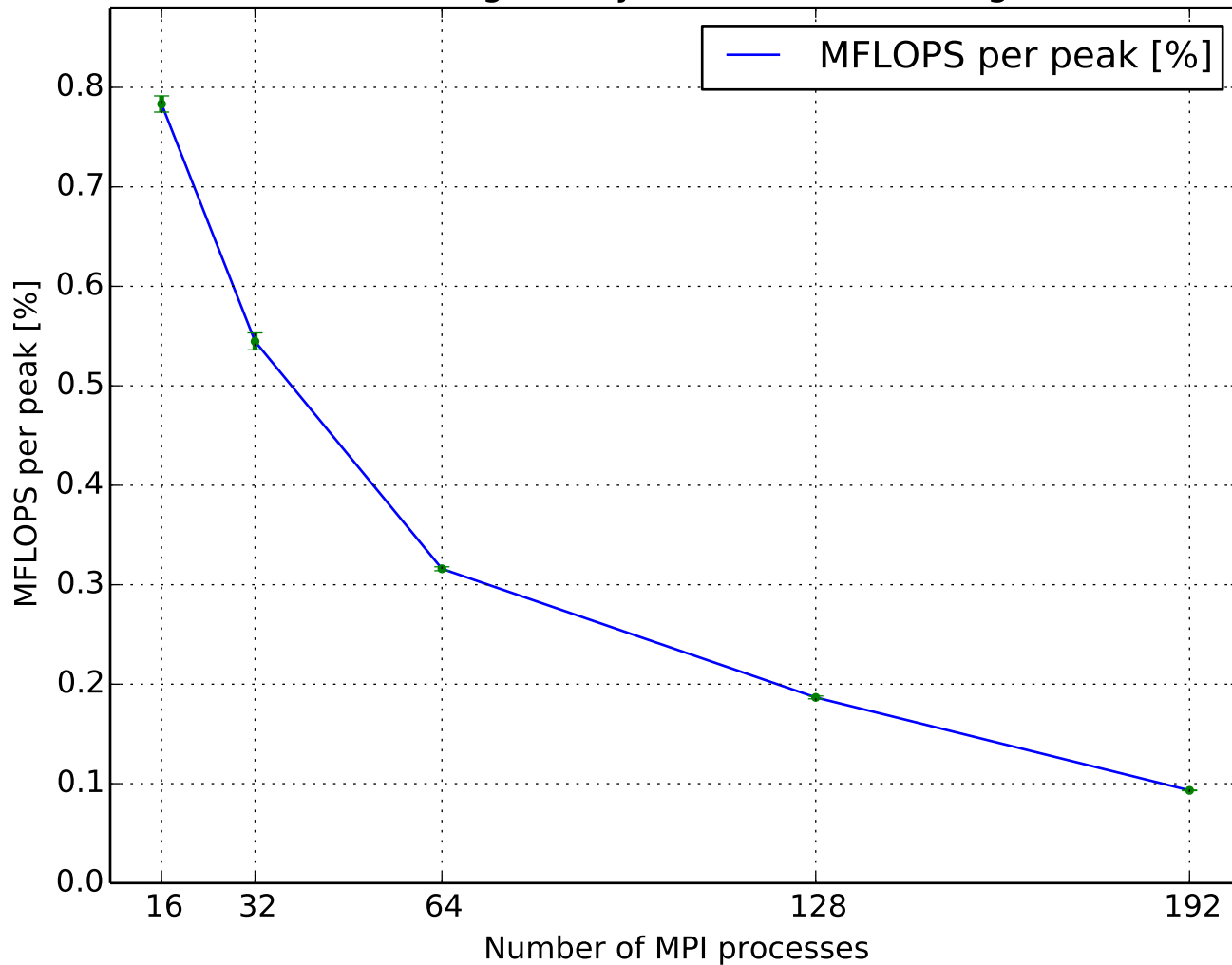
MFLOPS per peak
(0.3744M cells, Smagorinsky ,GAMG-FDIC)



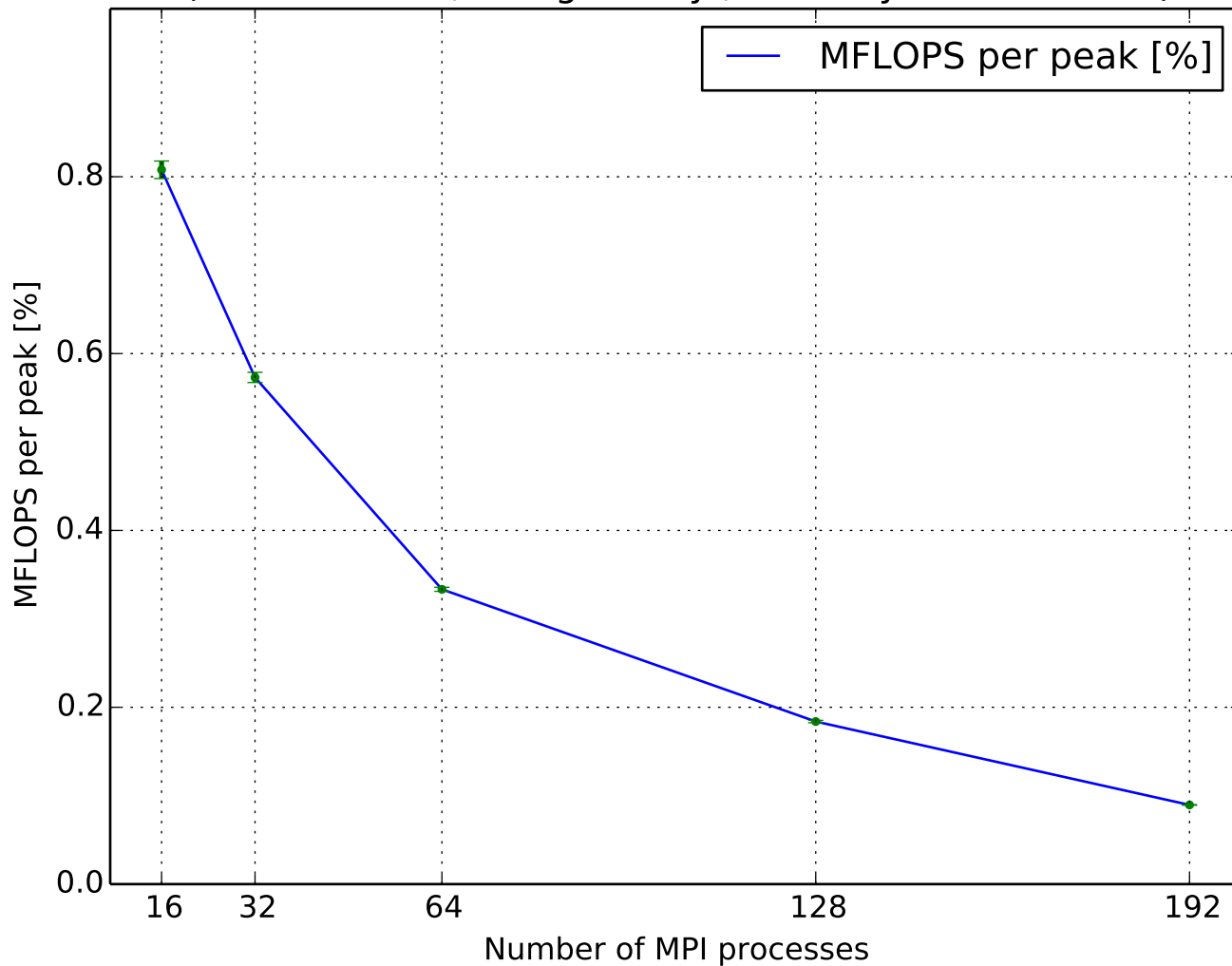
MFLOPS per peak
(0.3744M cells, Smagorinsky ,GAMG-GaussSeidel)



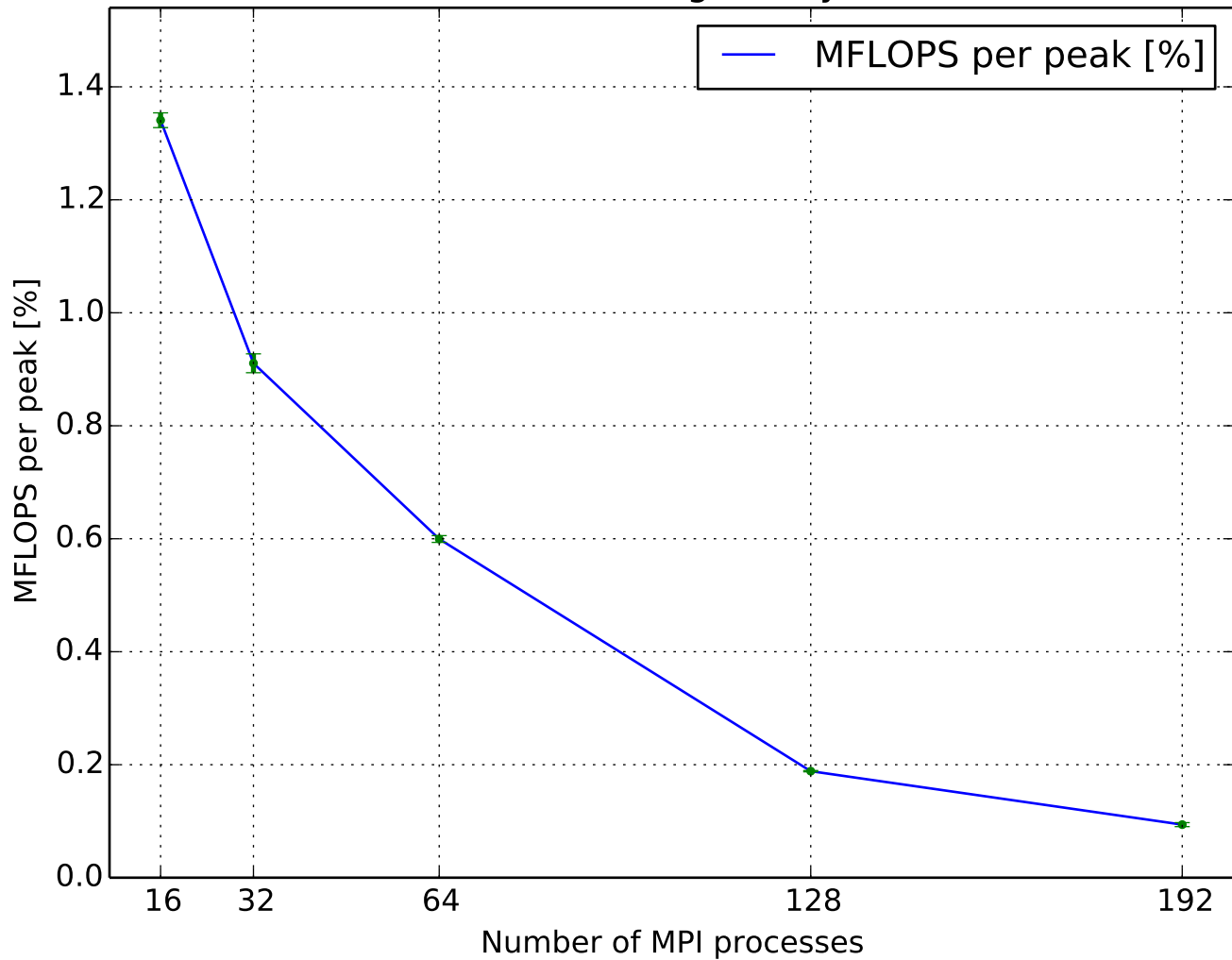
MFLOPS per peak
(0.3744M cells, Smagorinsky ,GAMG-nonBlockingGaussSeidel)



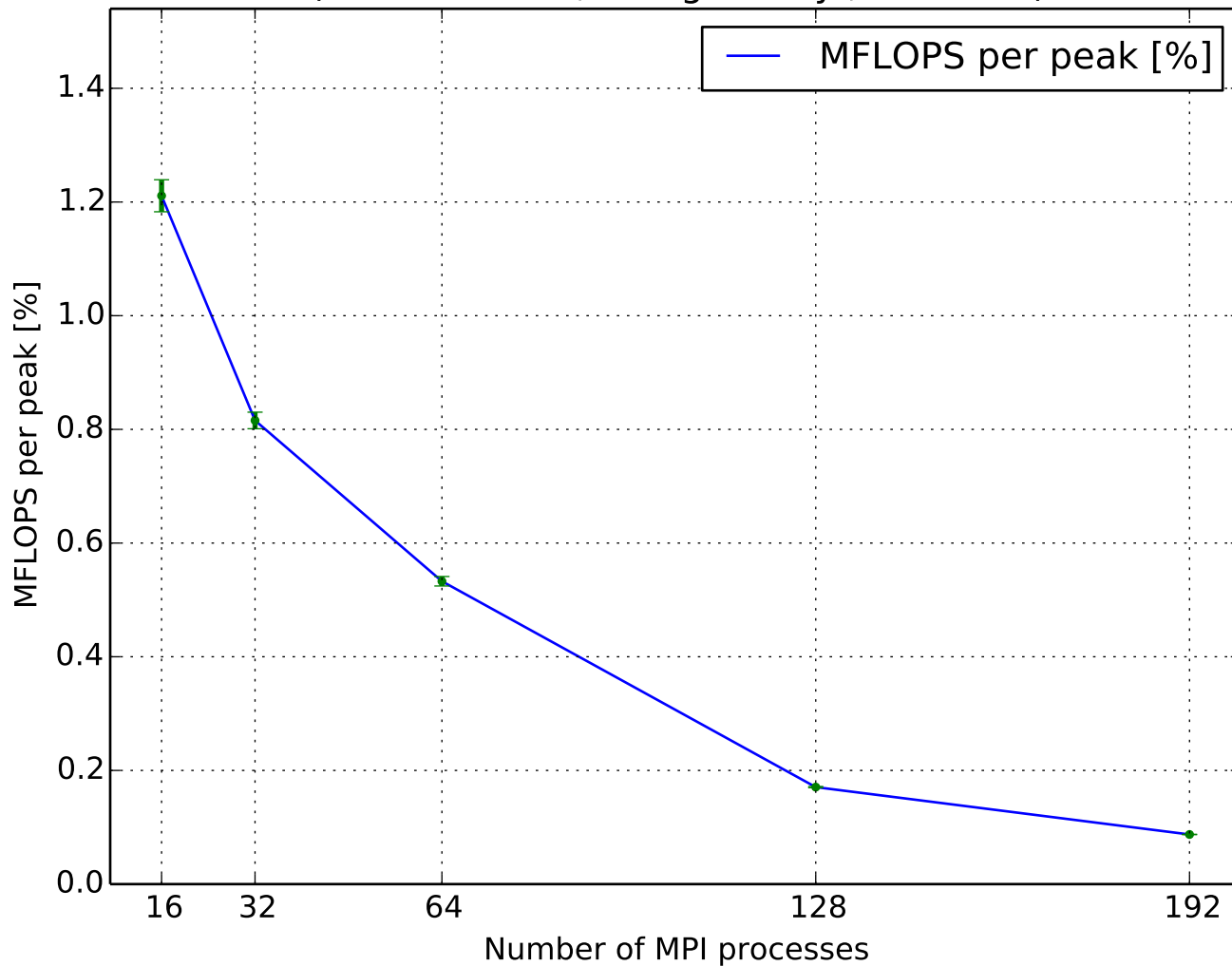
MFLOPS per peak
(0.3744M cells, Smagorinsky ,GAMG-symGaussSeidel)



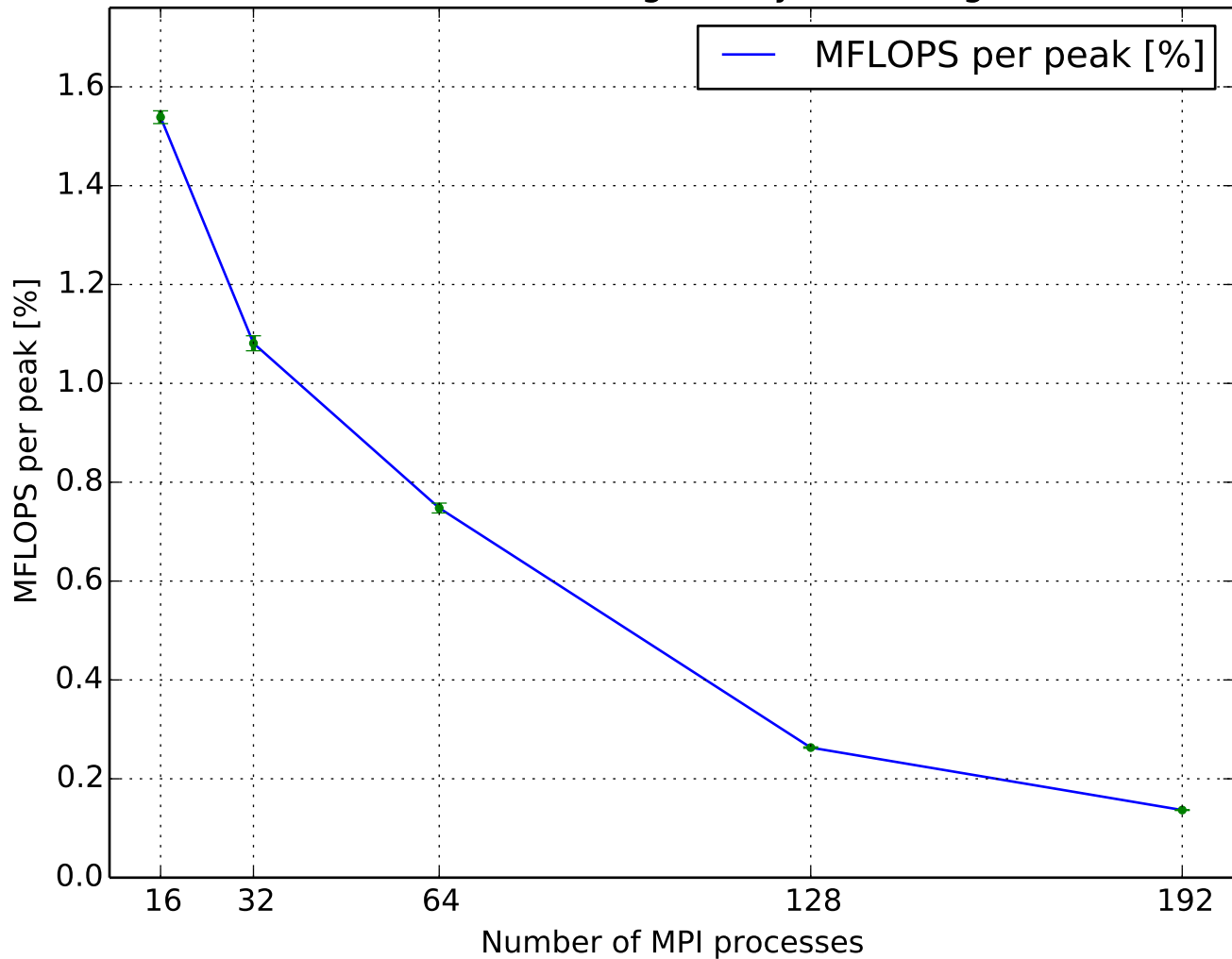
MFLOPS per peak
(0.3744M cells, Smagorinsky ,PCG-DIC)



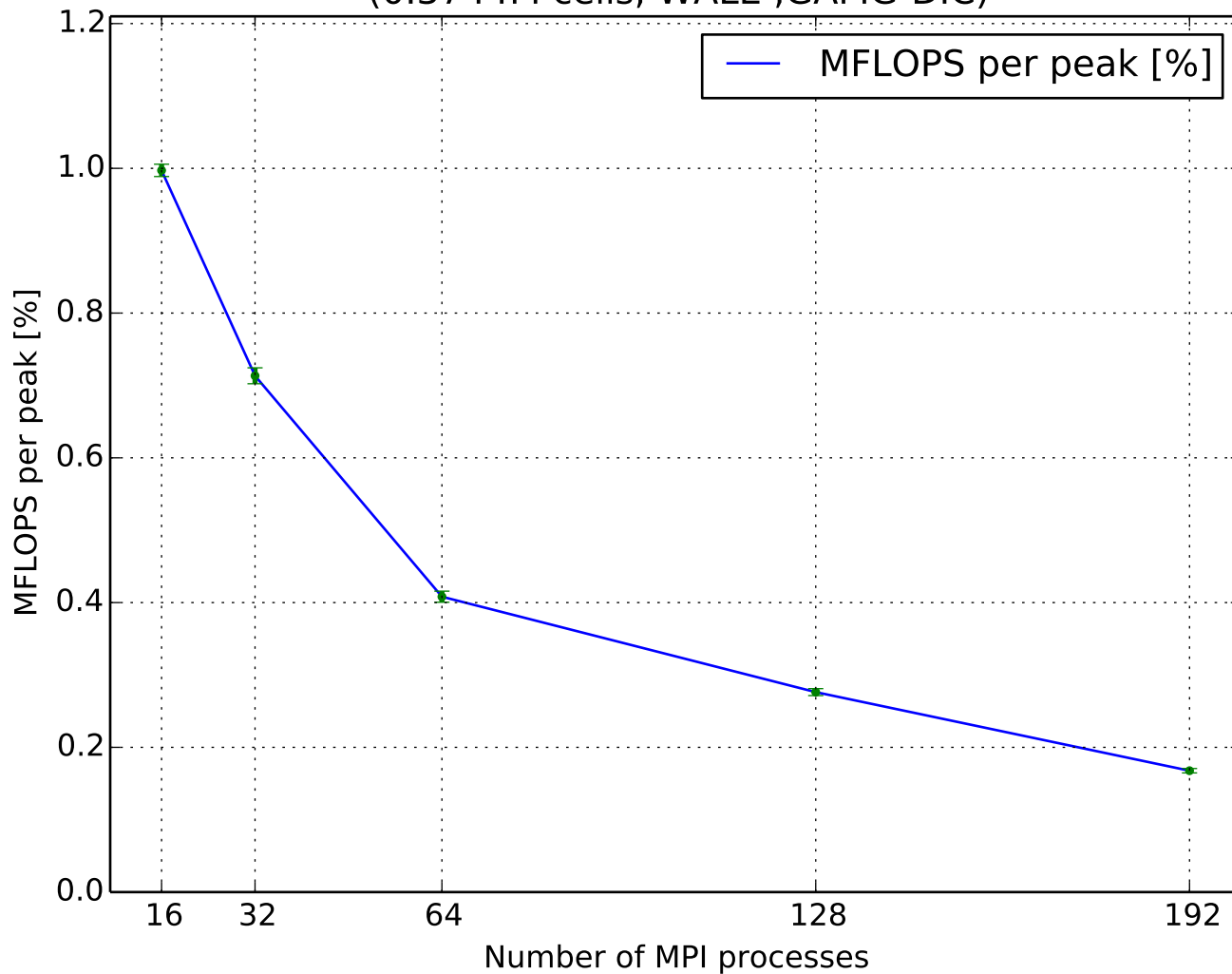
MFLOPS per peak
(0.3744M cells, Smagorinsky ,PCG-FDIC)



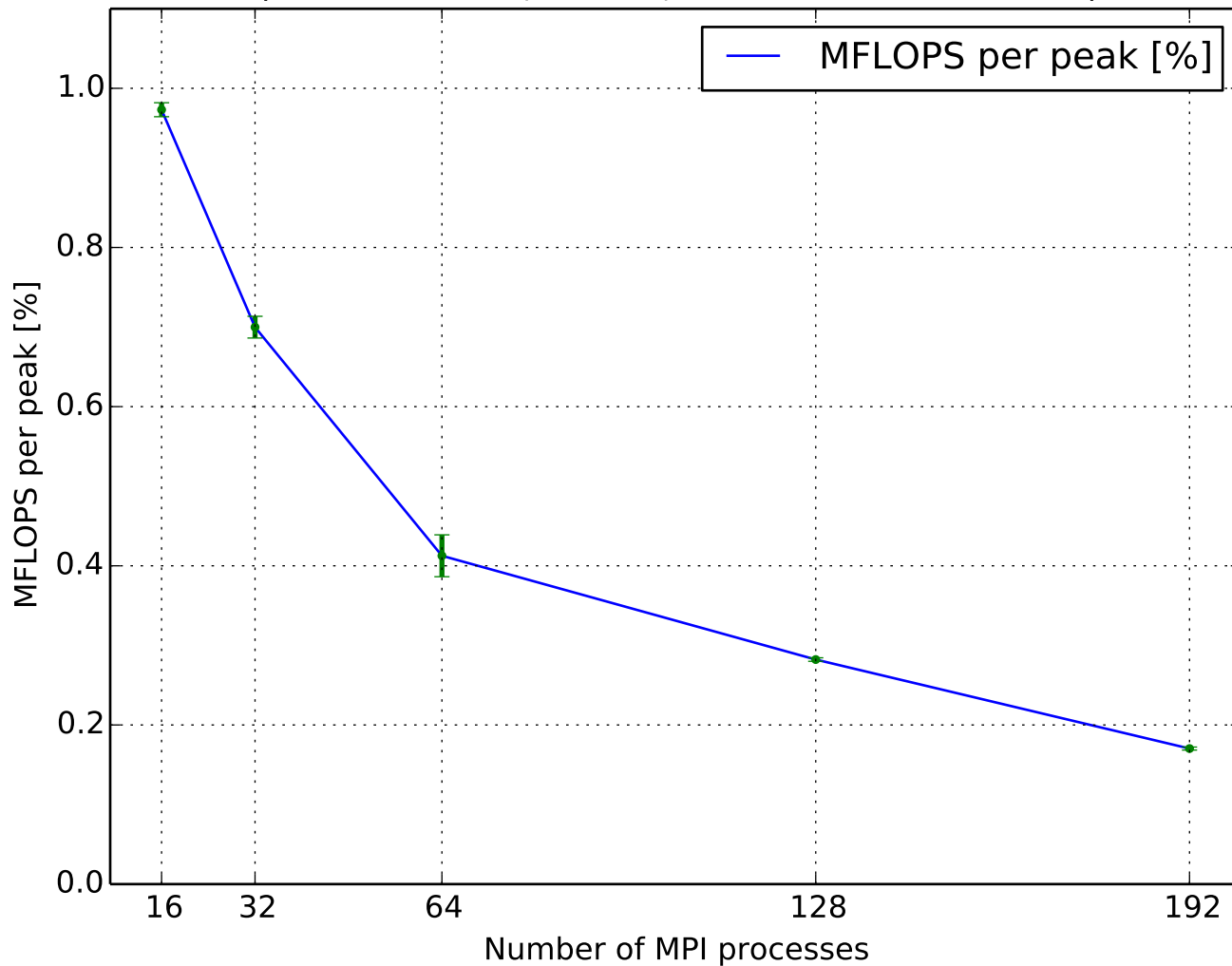
MFLOPS per peak
(0.3744M cells, Smagorinsky ,PCG-diagonal)



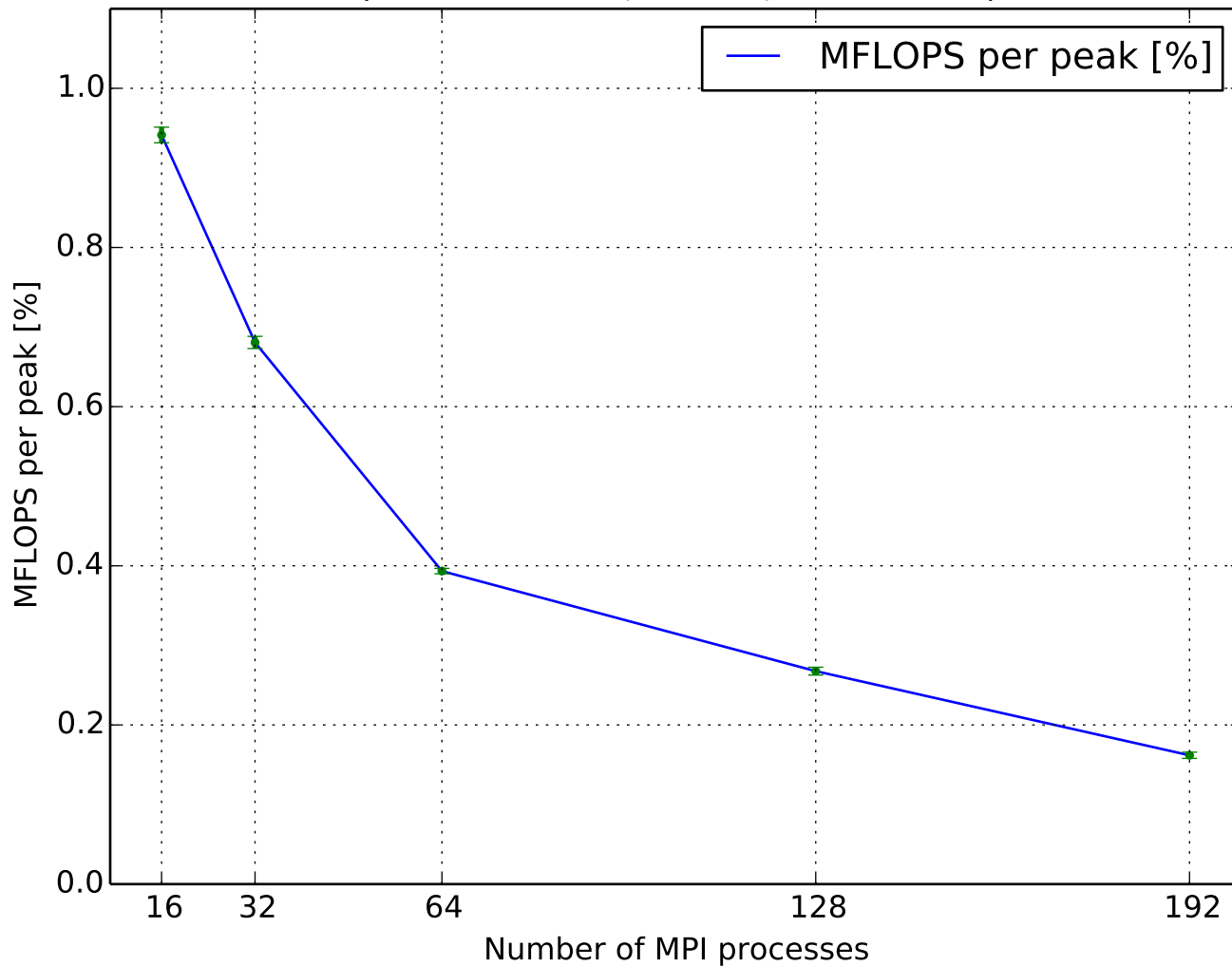
MFLOPS per peak
(0.3744M cells, WALE ,GAMG-DIC)



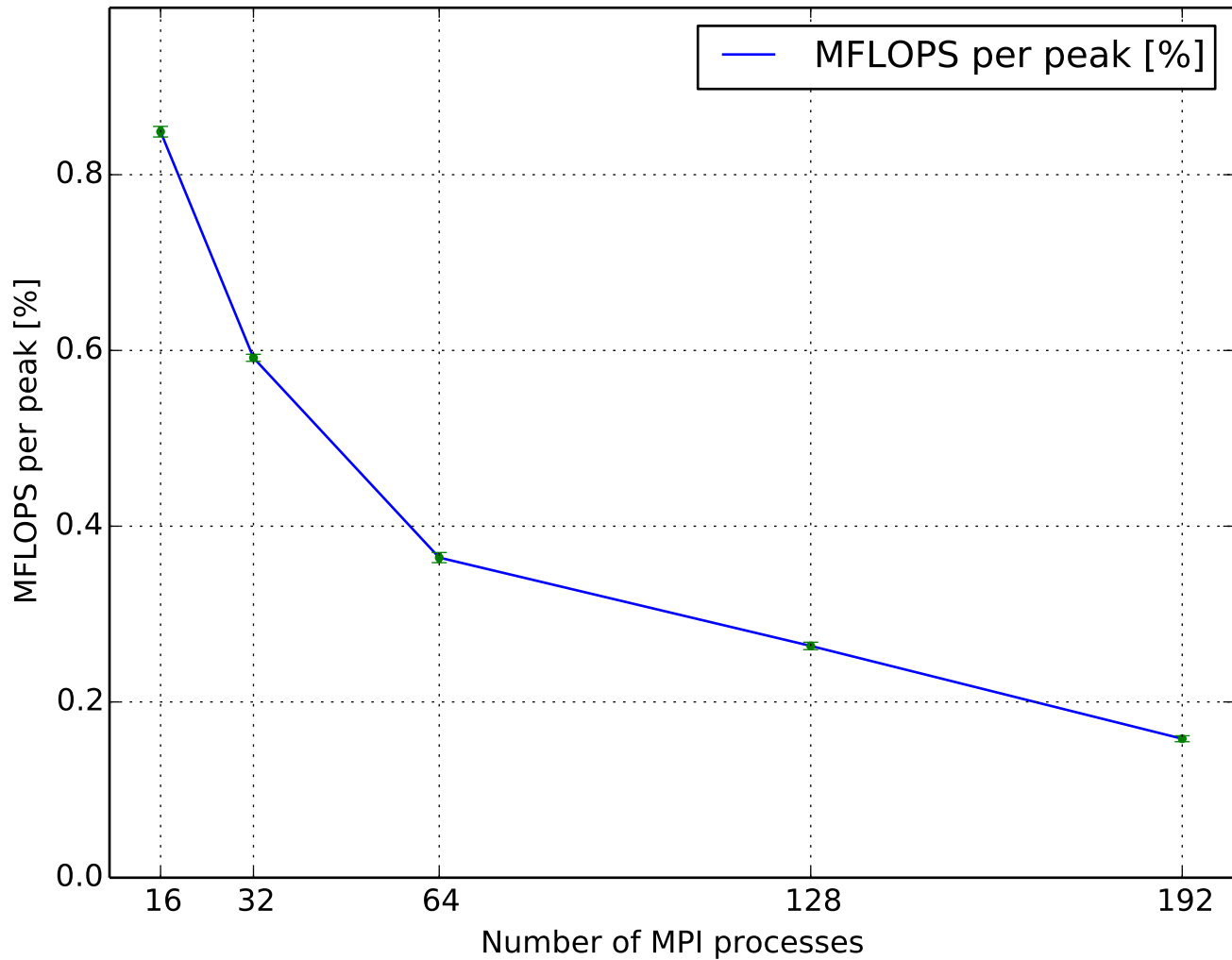
MFLOPS per peak
(0.3744M cells, WALE ,GAMG-DICGaussSeidel)



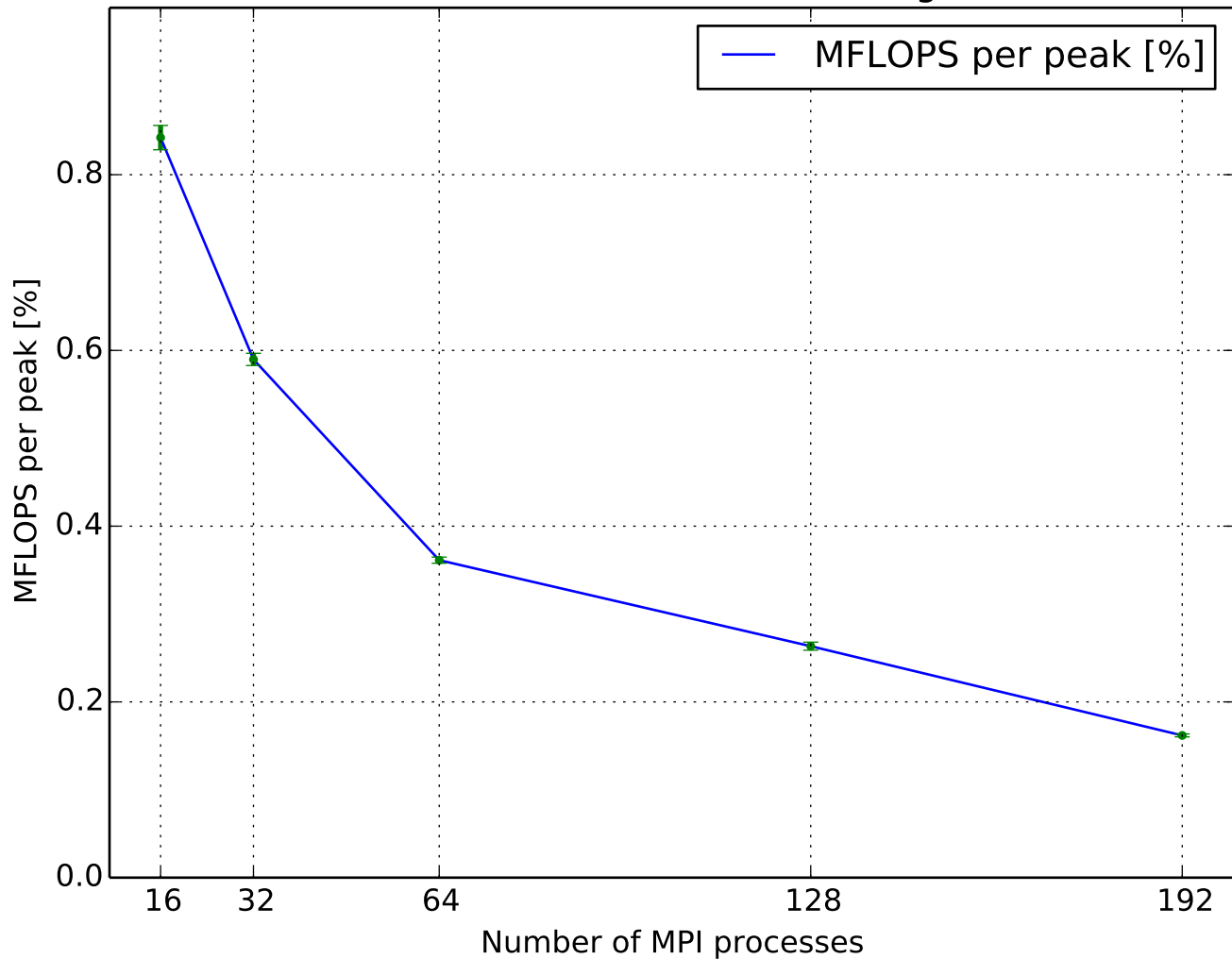
MFLOPS per peak
(0.3744M cells, WALE ,GAMG-FDIC)



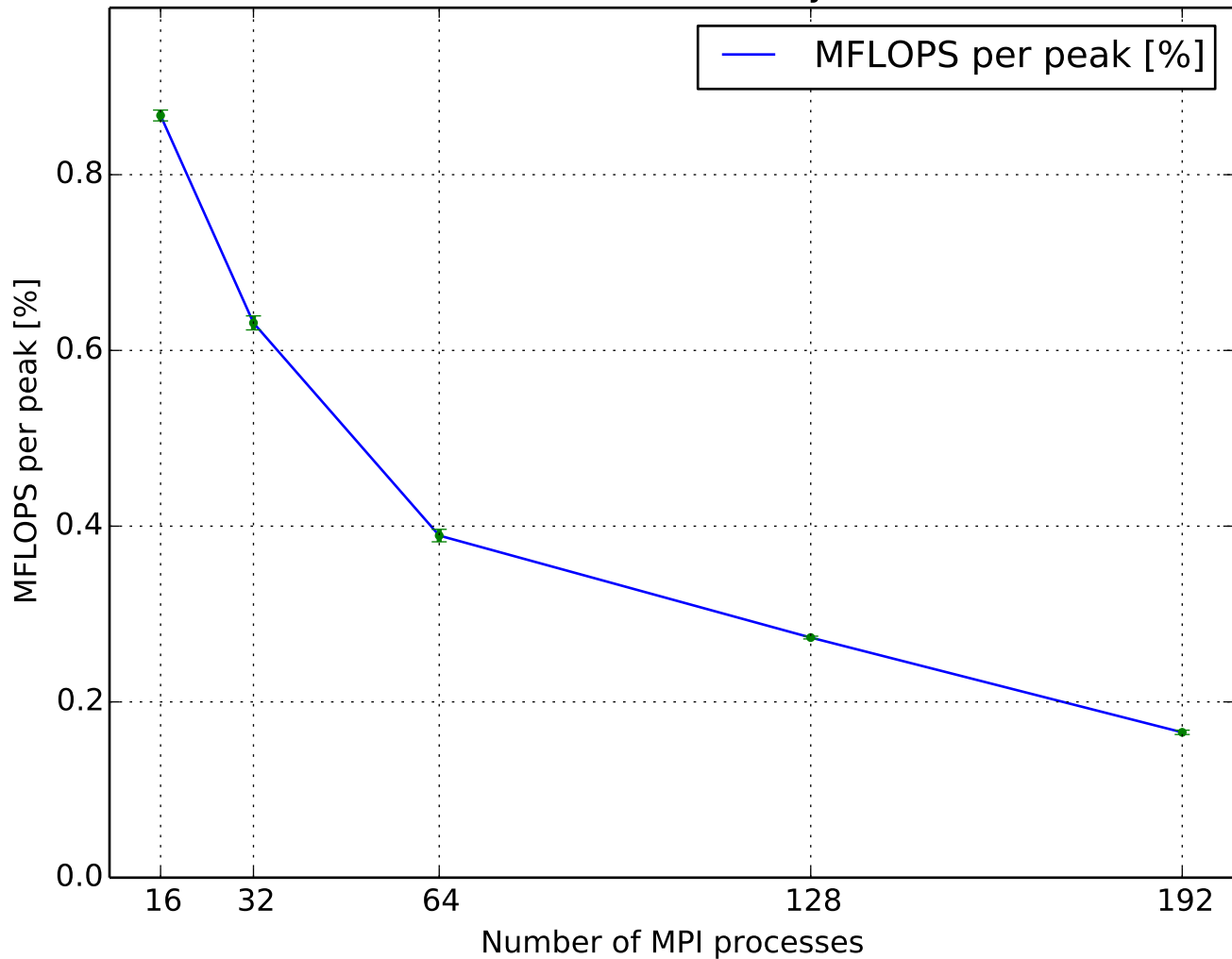
MFLOPS per peak
(0.3744M cells, WALE ,GAMG-GaussSeidel)



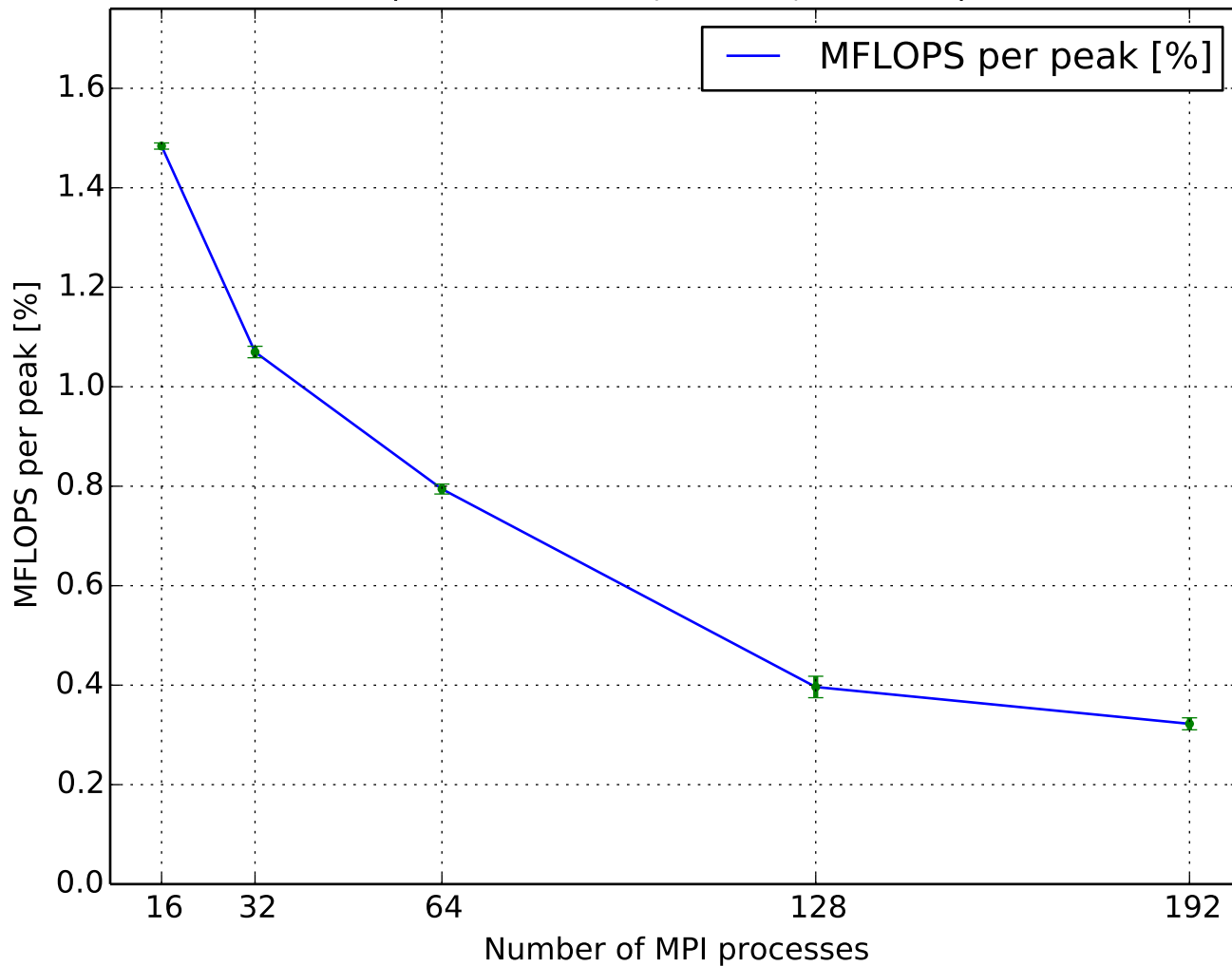
MFLOPS per peak
(0.3744M cells, WALE ,GAMG-nonBlockingGaussSeidel)



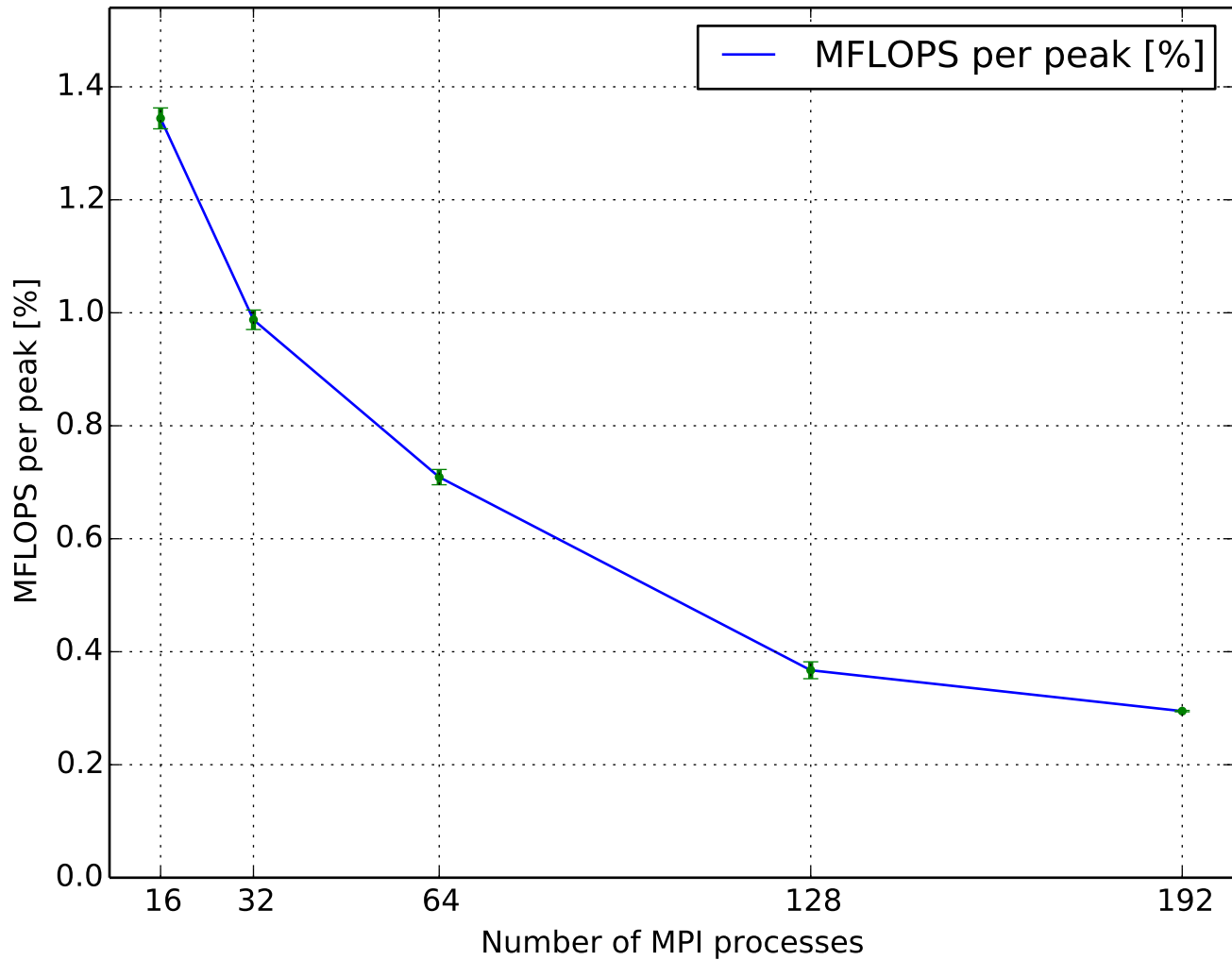
MFLOPS per peak
(0.3744M cells, WALE ,GAMG-symGaussSeidel)



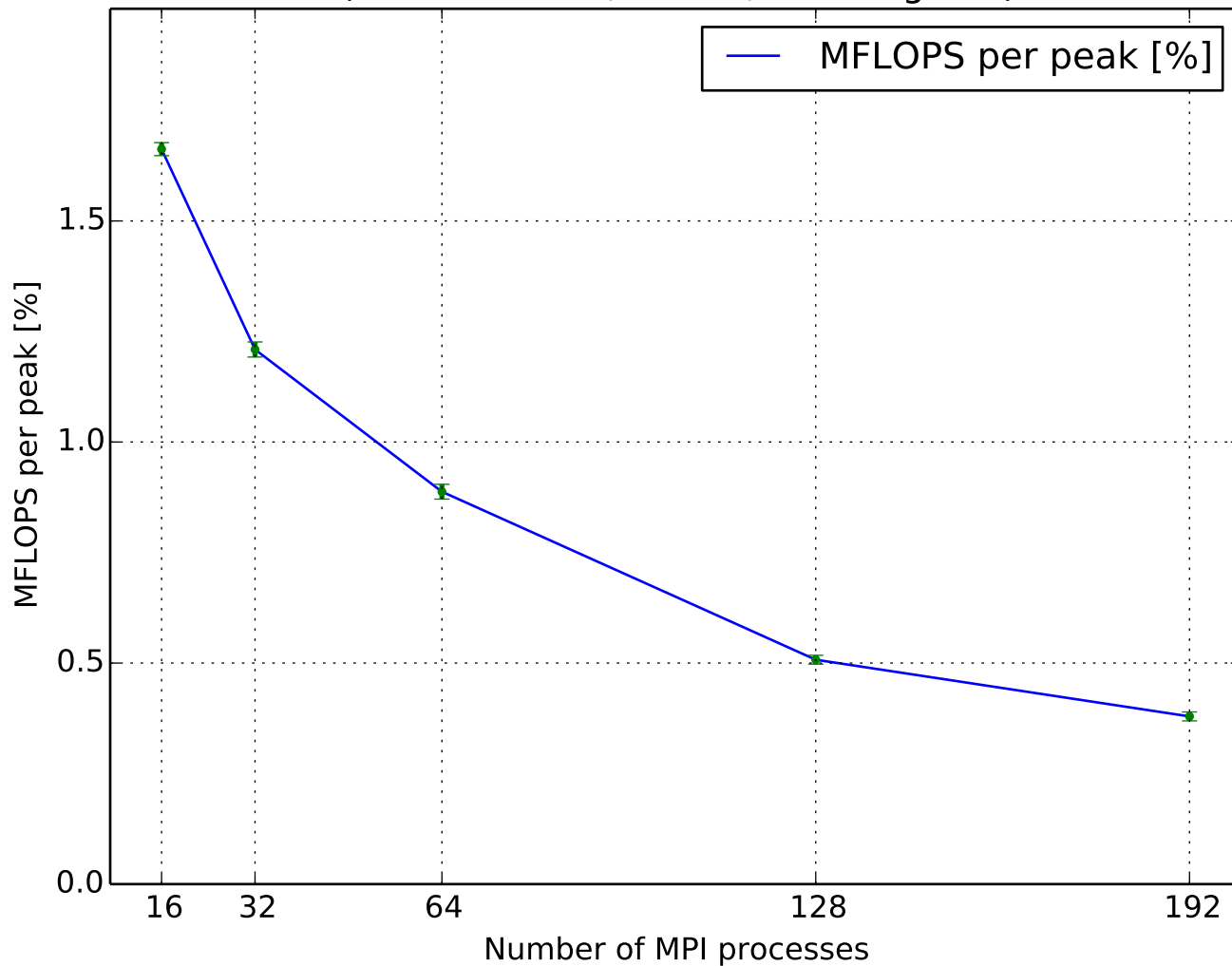
MFLOPS per peak
(0.3744M cells, WALE ,PCG-DIC)



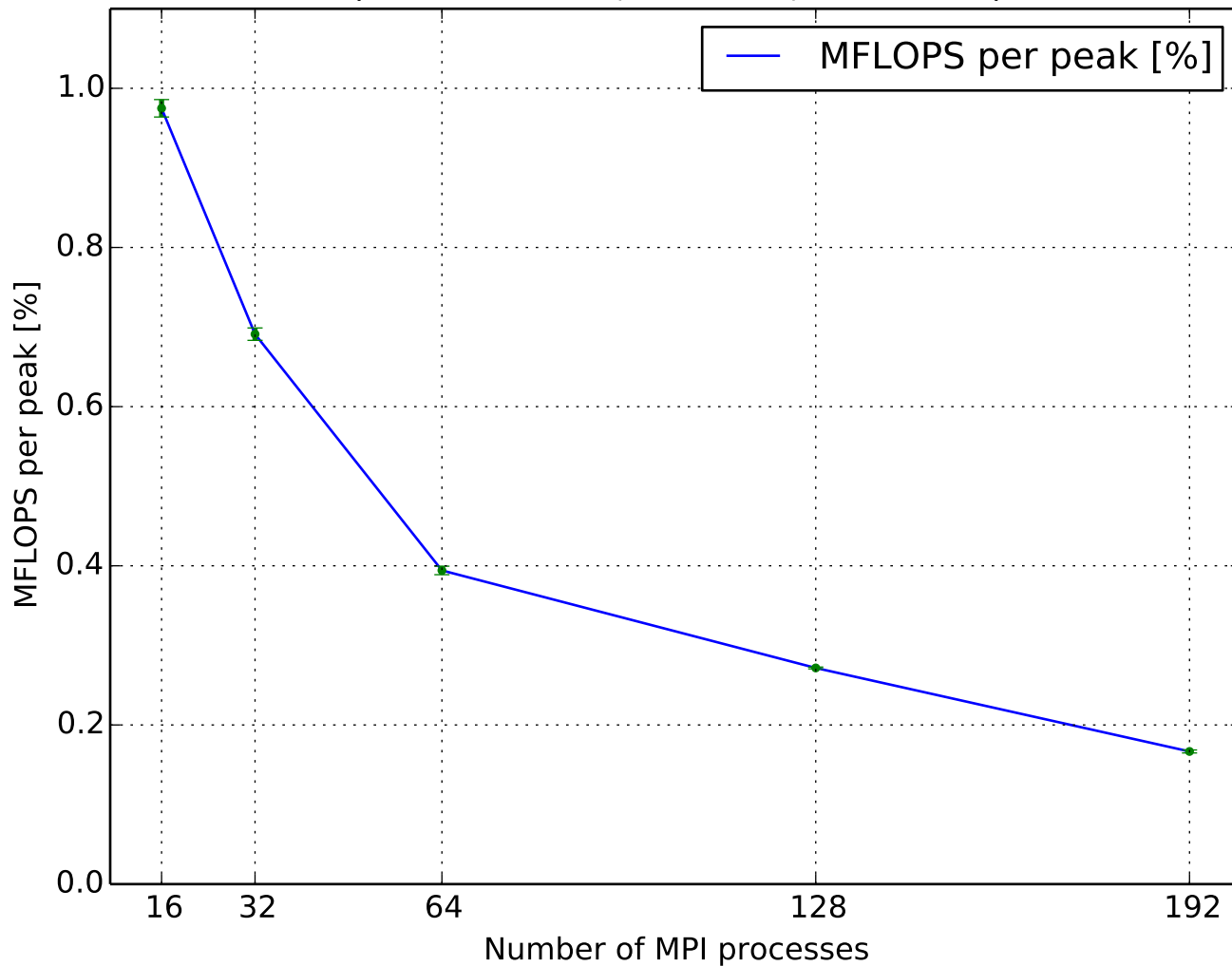
MFLOPS per peak
(0.3744M cells, WALE ,PCG-FDIC)



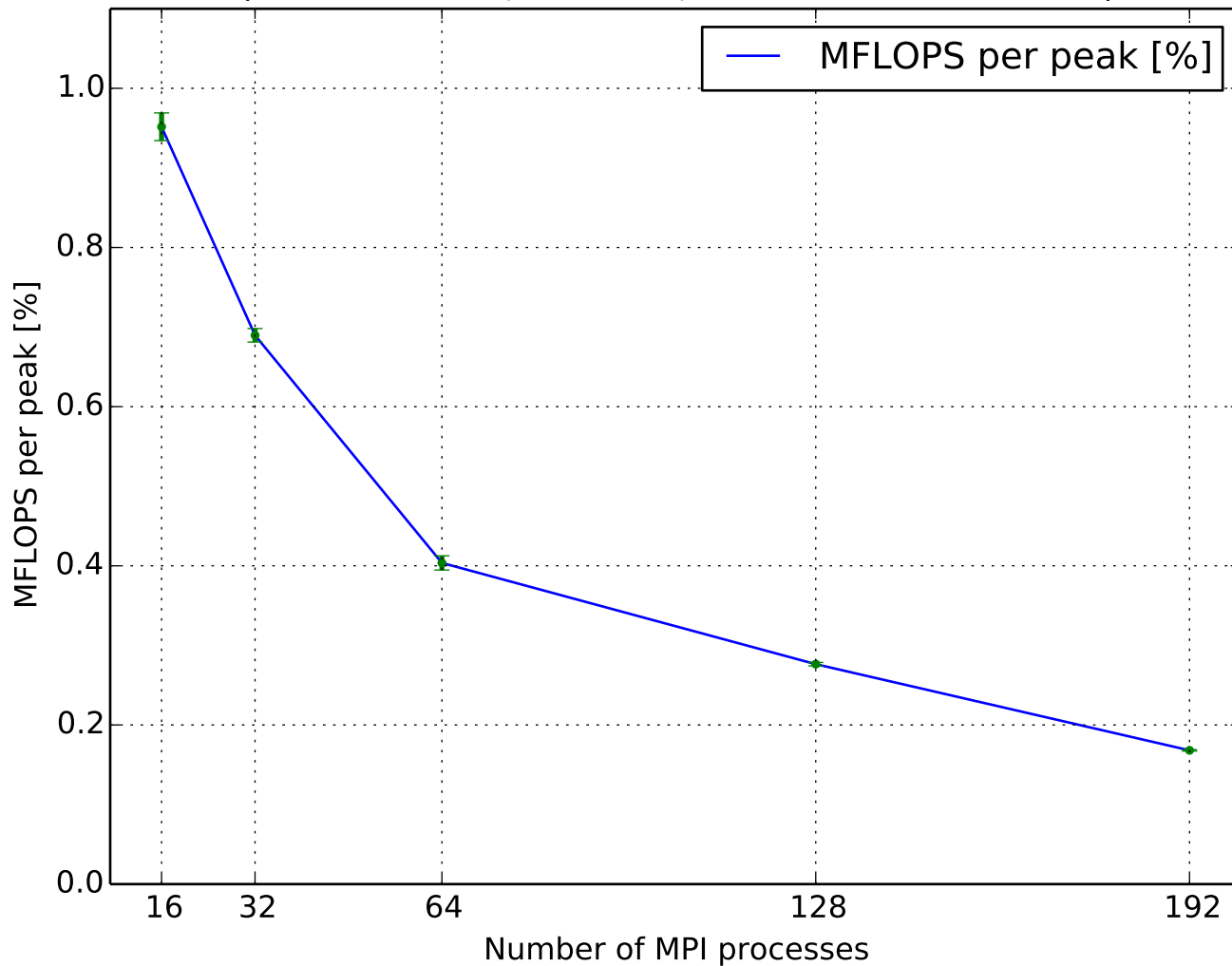
MFLOPS per peak
(0.3744M cells, WALE ,PCG-diagonal)



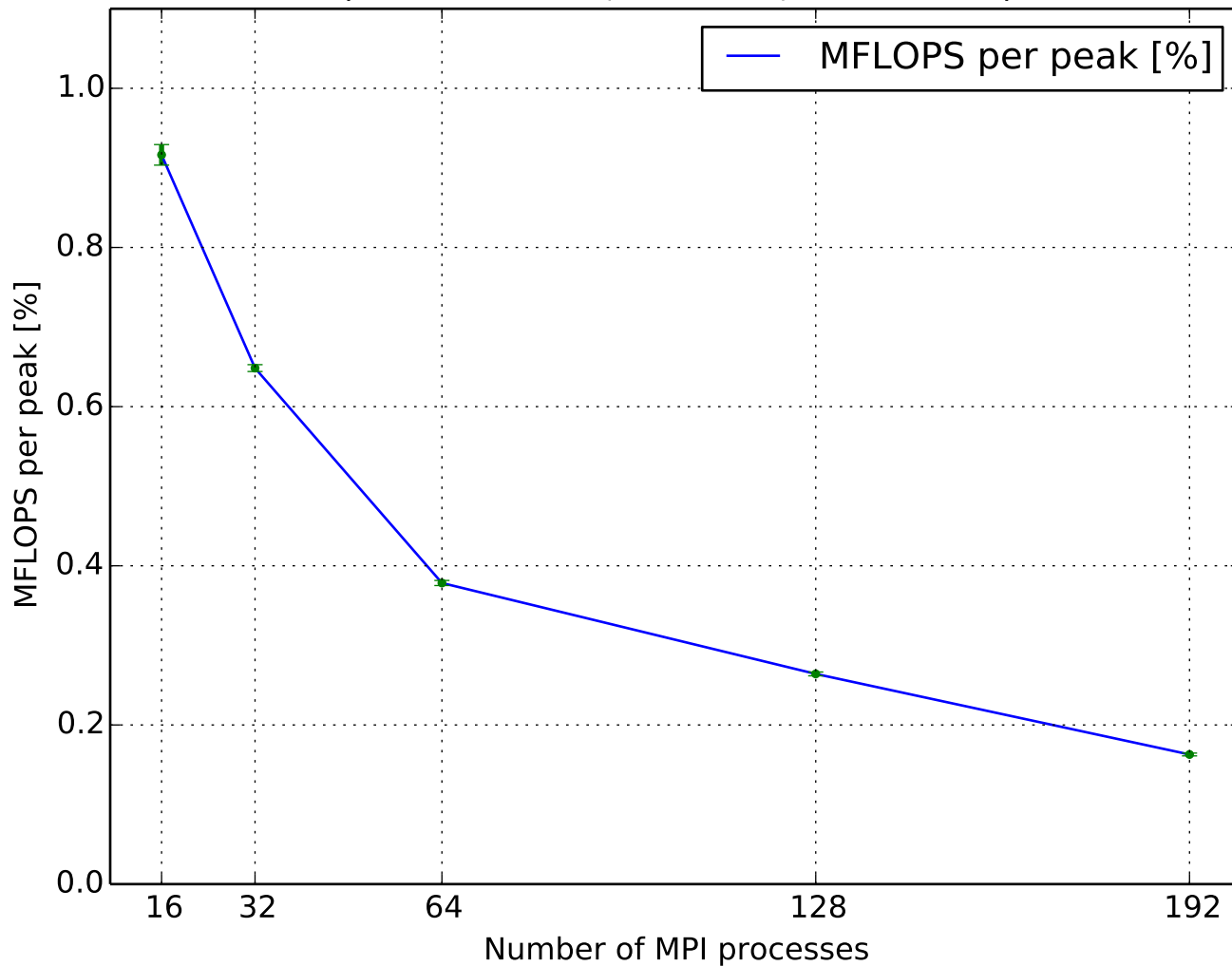
MFLOPS per peak
(0.3744M cells, laminar ,GAMG-DIC)



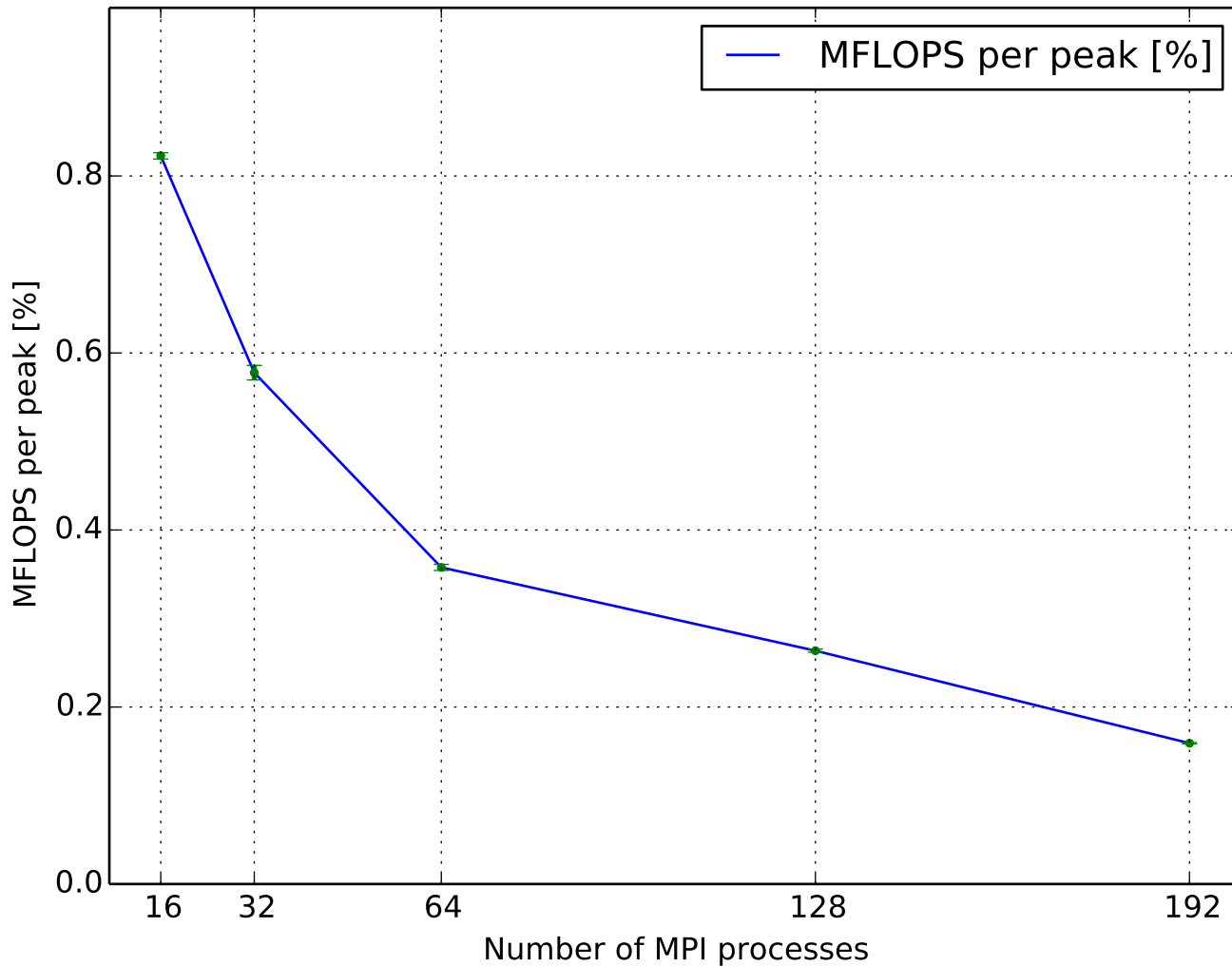
MFLOPS per peak
(0.3744M cells, laminar ,GAMG-DICGaussSeidel)



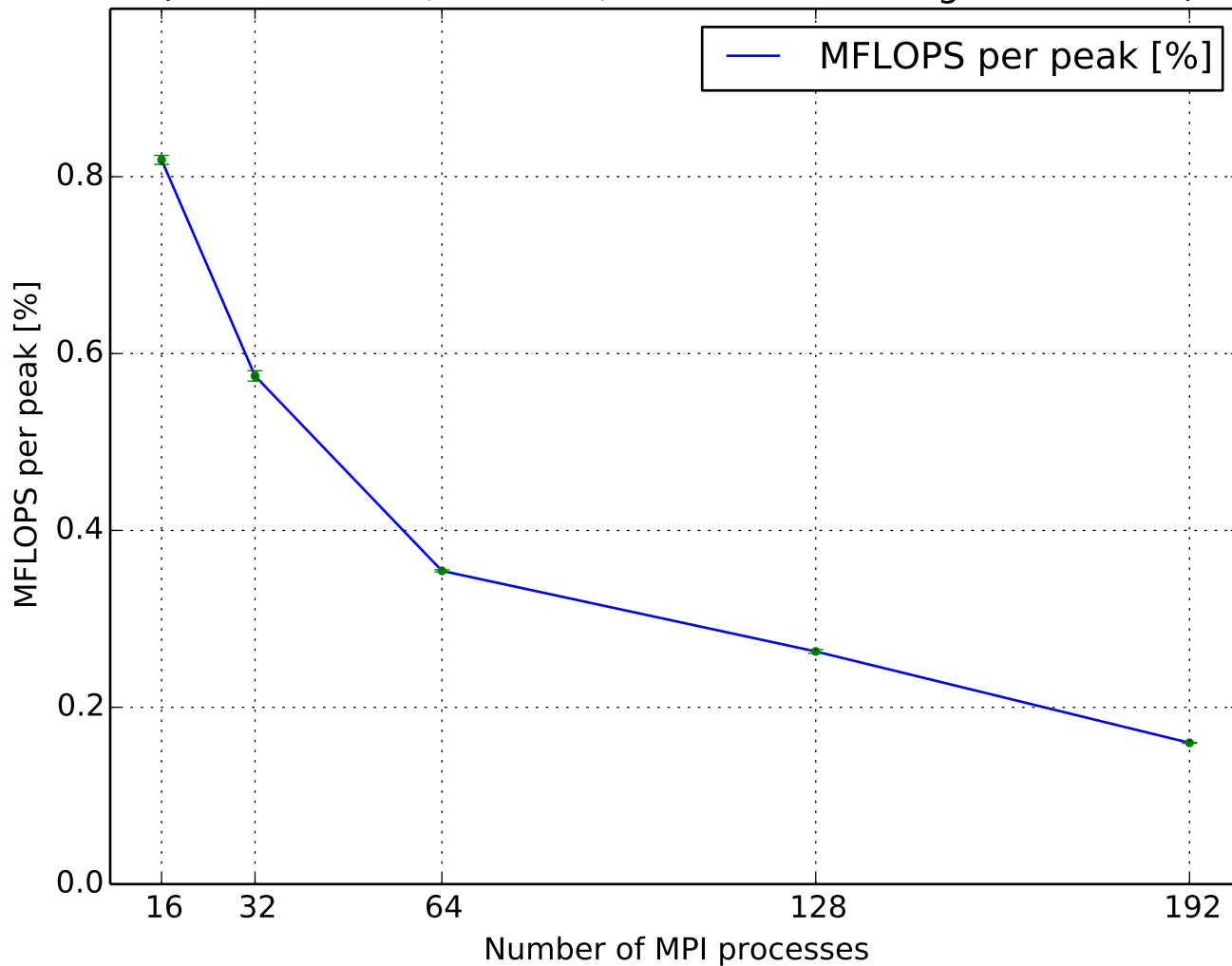
MFLOPS per peak
(0.3744M cells, laminar ,GAMG-FDIC)



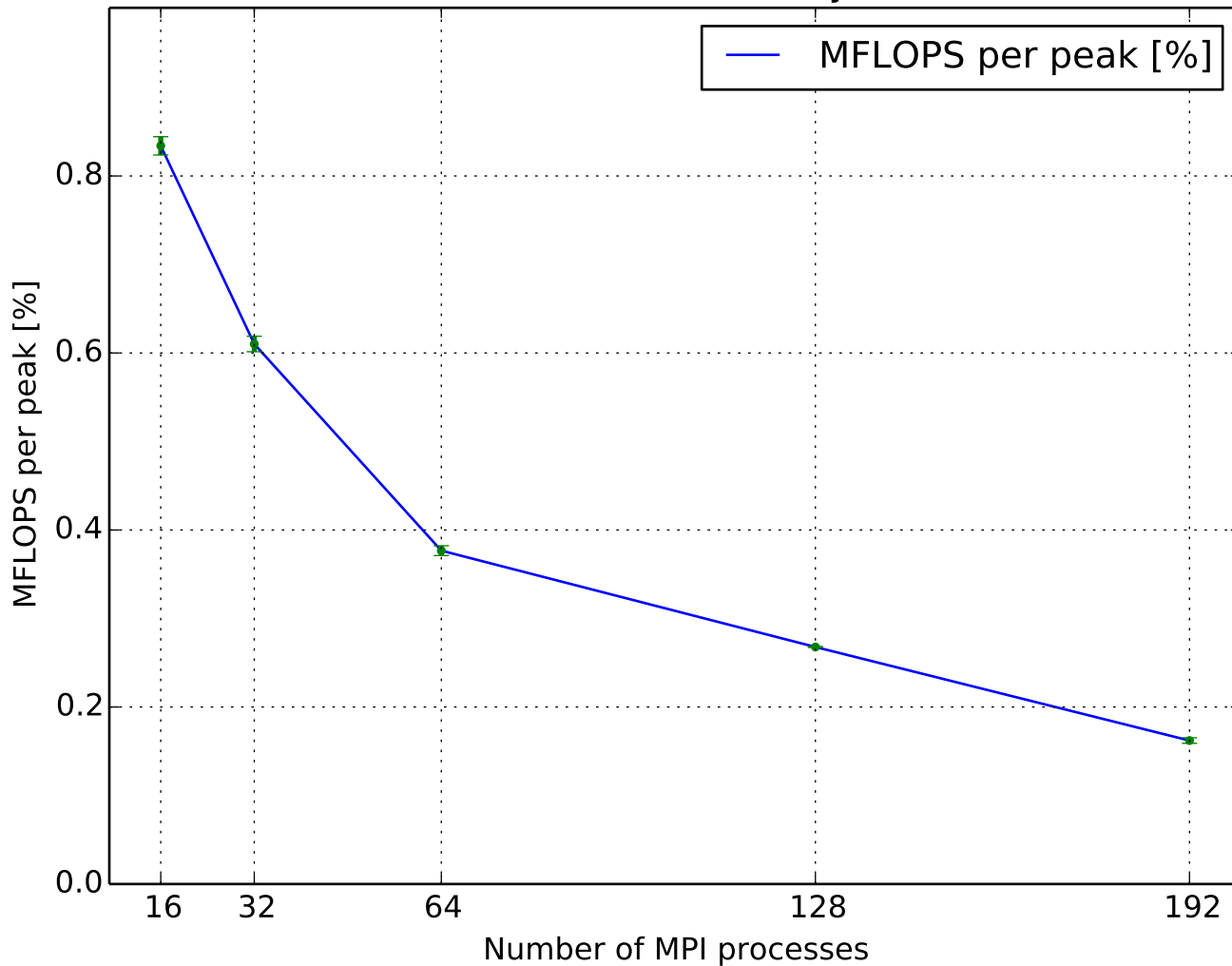
MFLOPS per peak
(0.3744M cells, laminar ,GAMG-GaussSeidel)



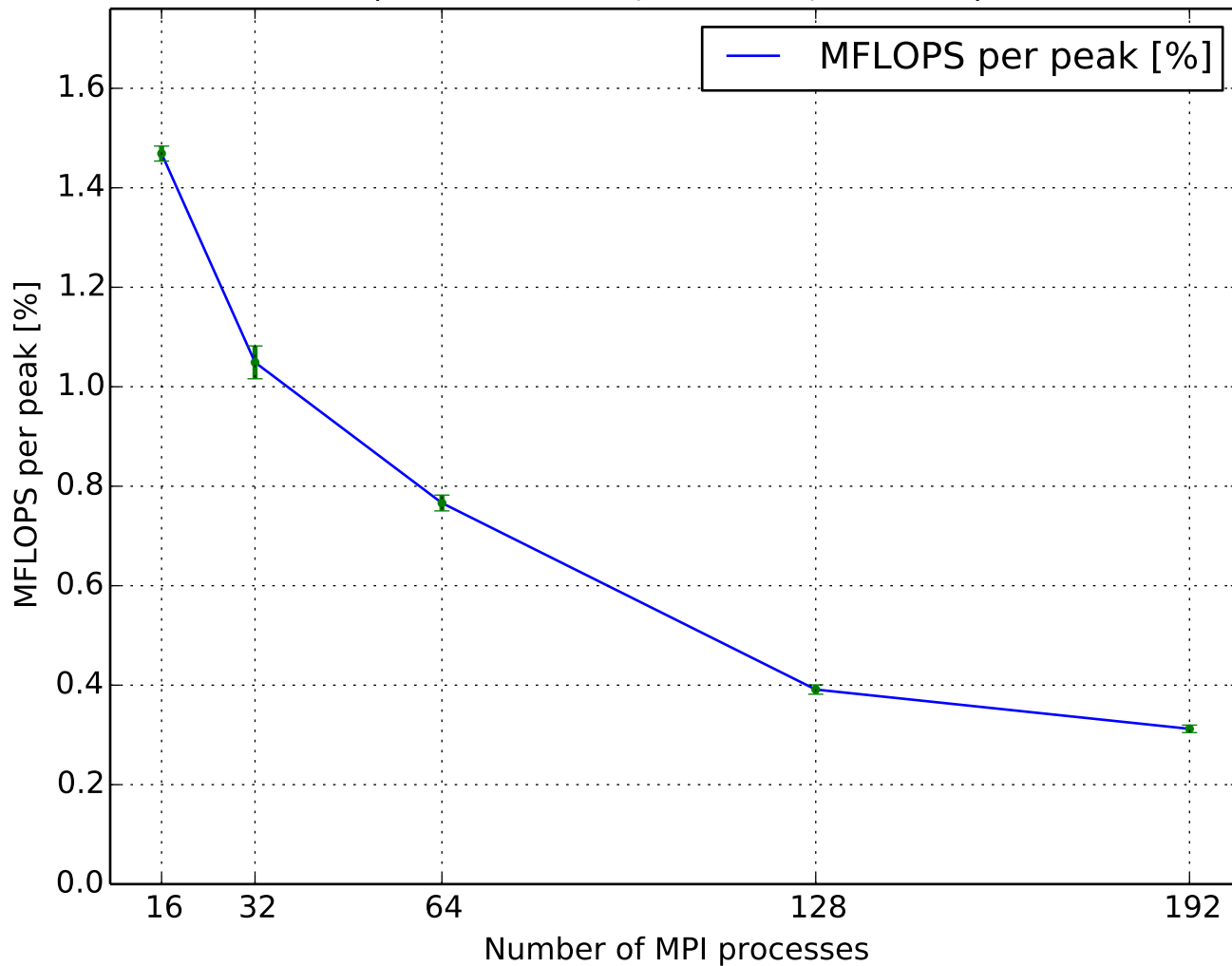
MFLOPS per peak
(0.3744M cells, laminar ,GAMG-nonBlockingGaussSeidel)



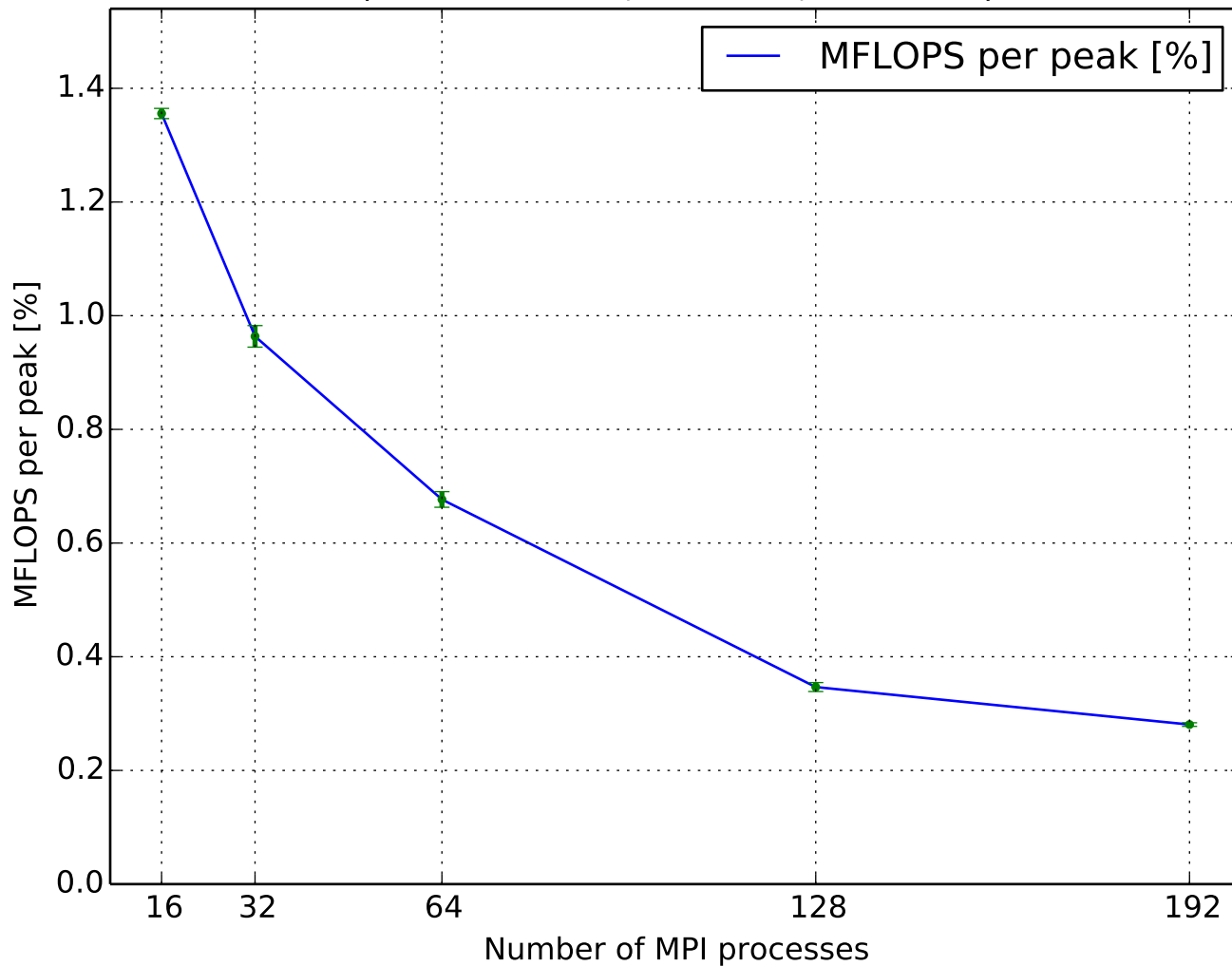
MFLOPS per peak
(0.3744M cells, laminar ,GAMG-symGaussSeidel)



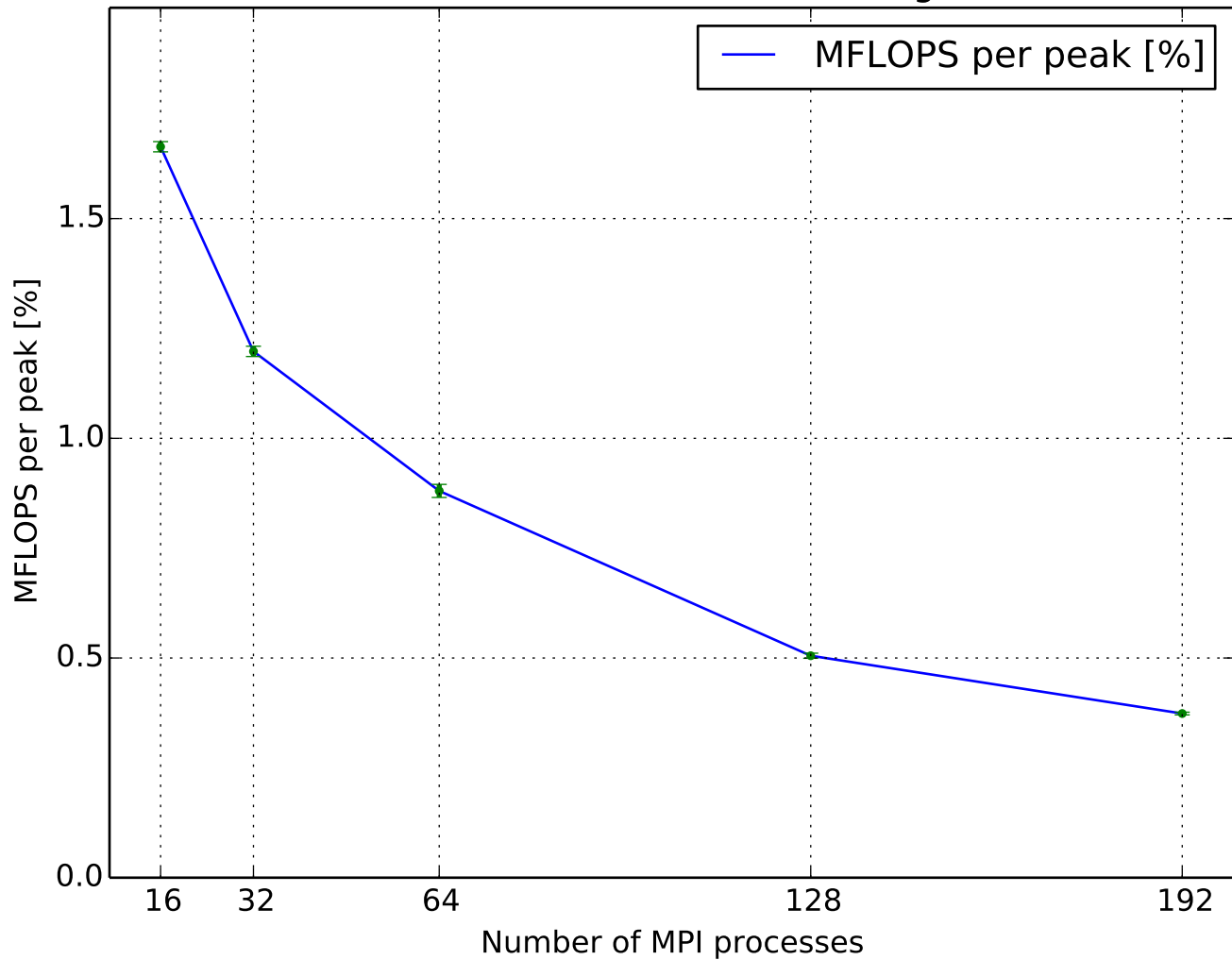
MFLOPS per peak
(0.3744M cells, laminar ,PCG-DIC)



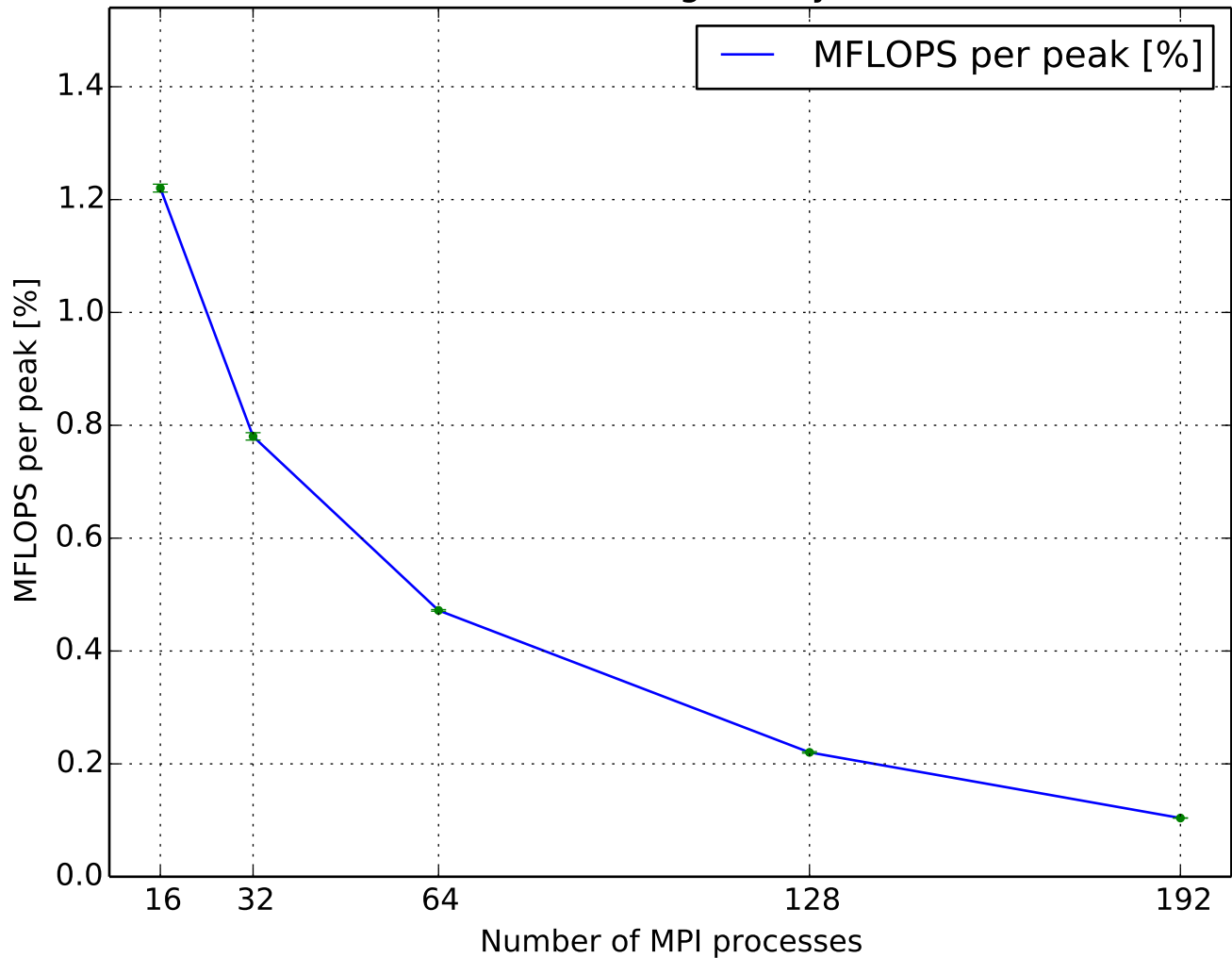
MFLOPS per peak
(0.3744M cells, laminar ,PCG-FDIC)



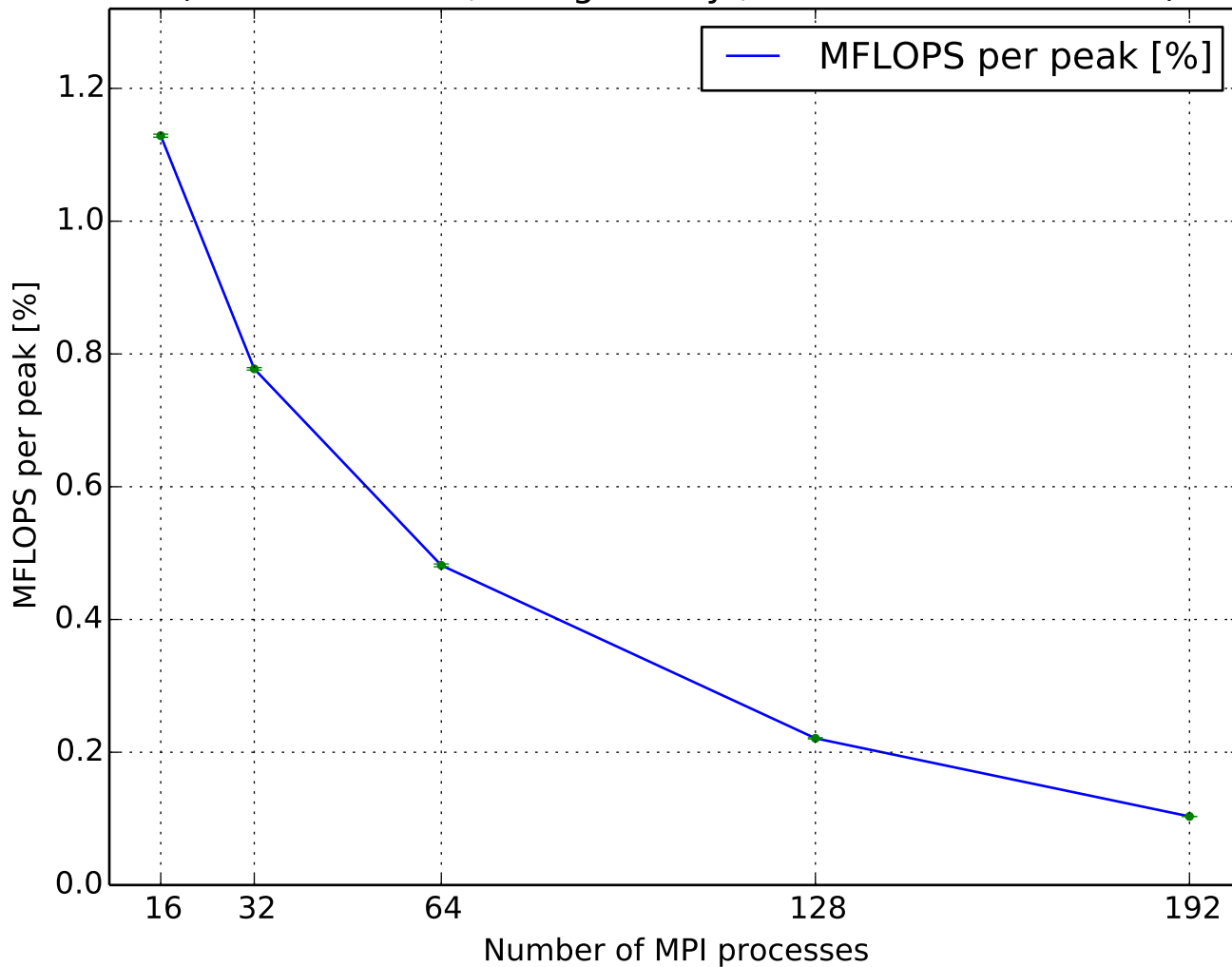
MFLOPS per peak
(0.3744M cells, laminar ,PCG-diagonal)



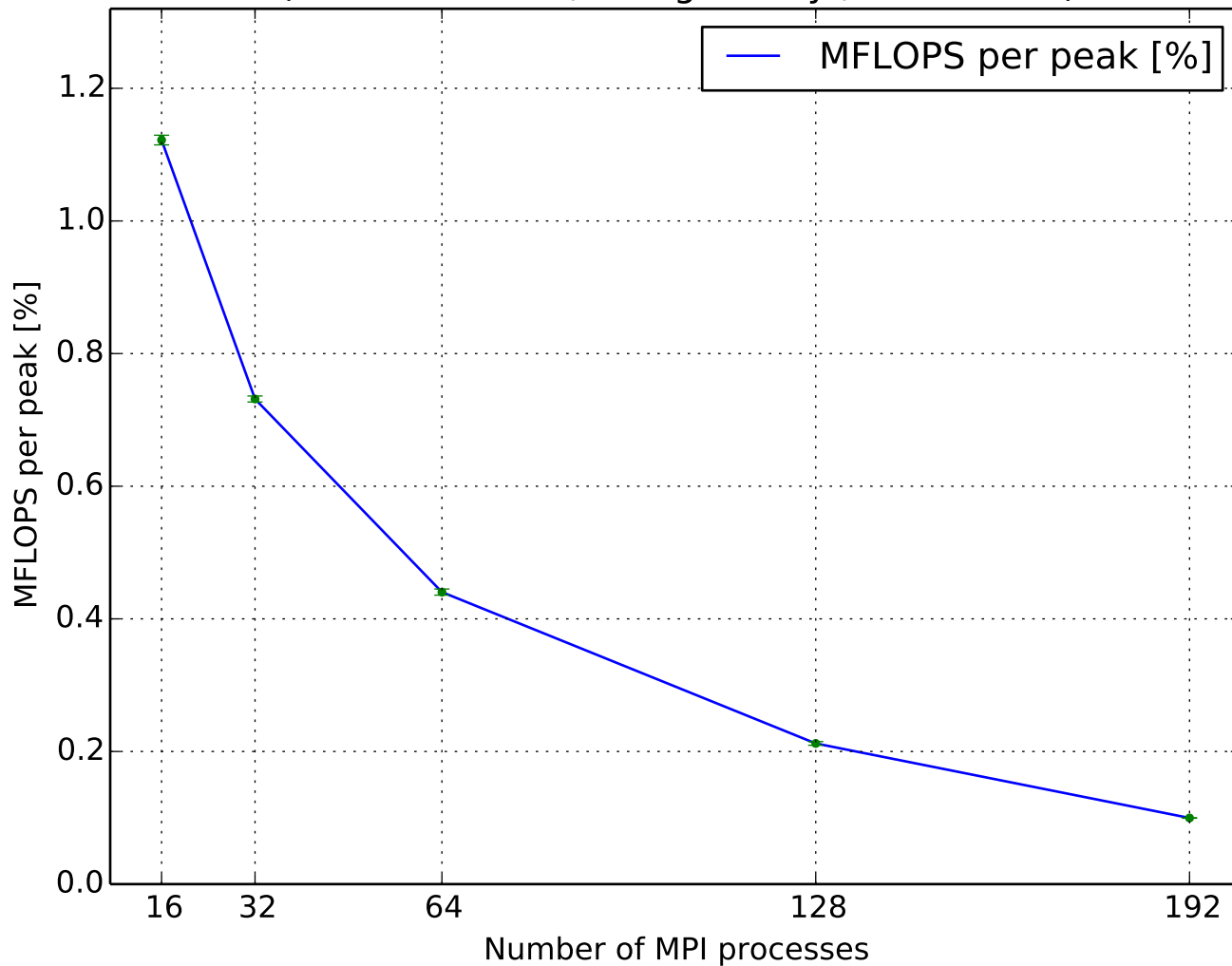
MFLOPS per peak
(0.74292M cells, Smagorinsky ,GAMG-DIC)



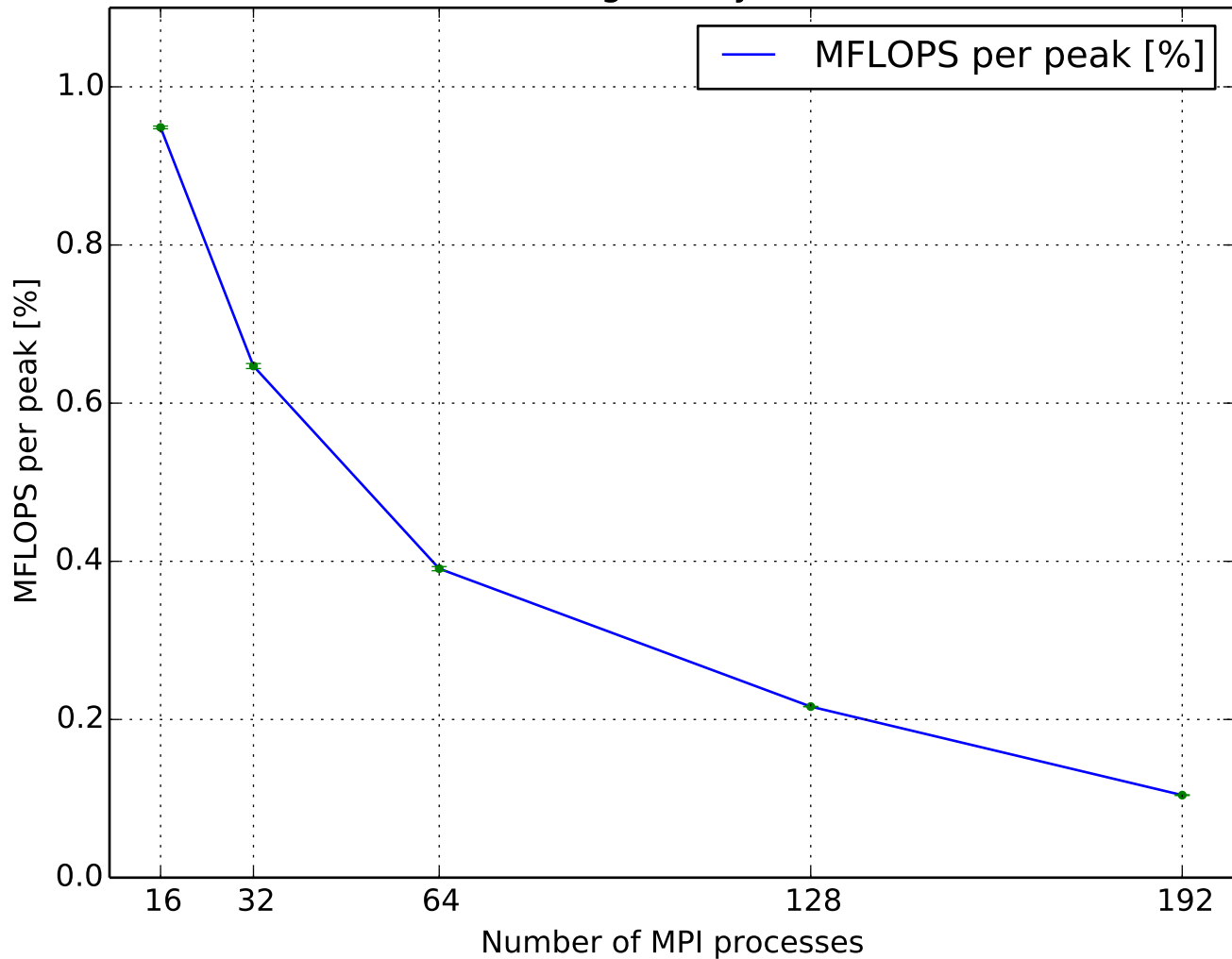
MFLOPS per peak
(0.74292M cells, Smagorinsky ,GAMG-DICGaussSeidel)



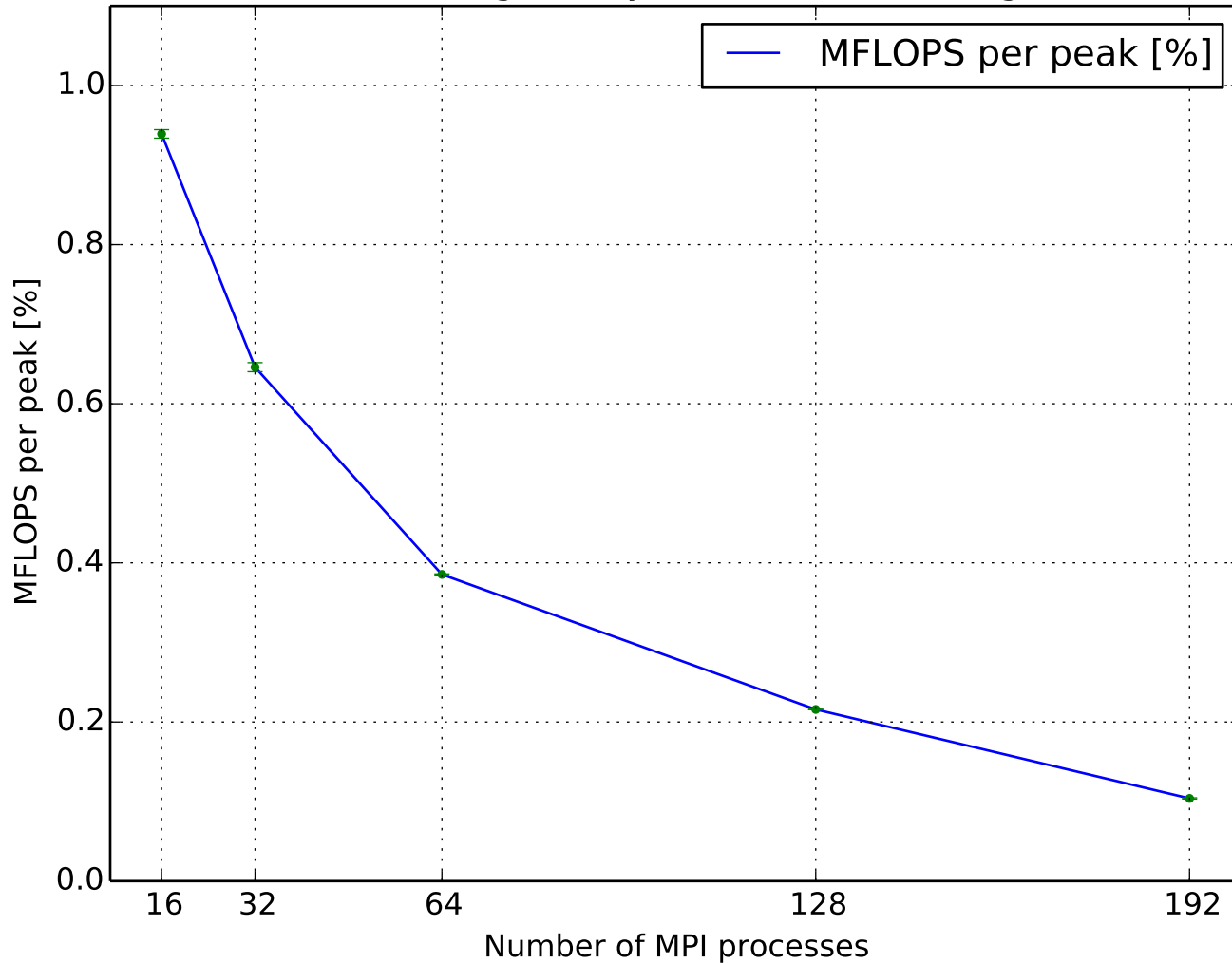
MFLOPS per peak
(0.74292M cells, Smagorinsky ,GAMG-FDIC)



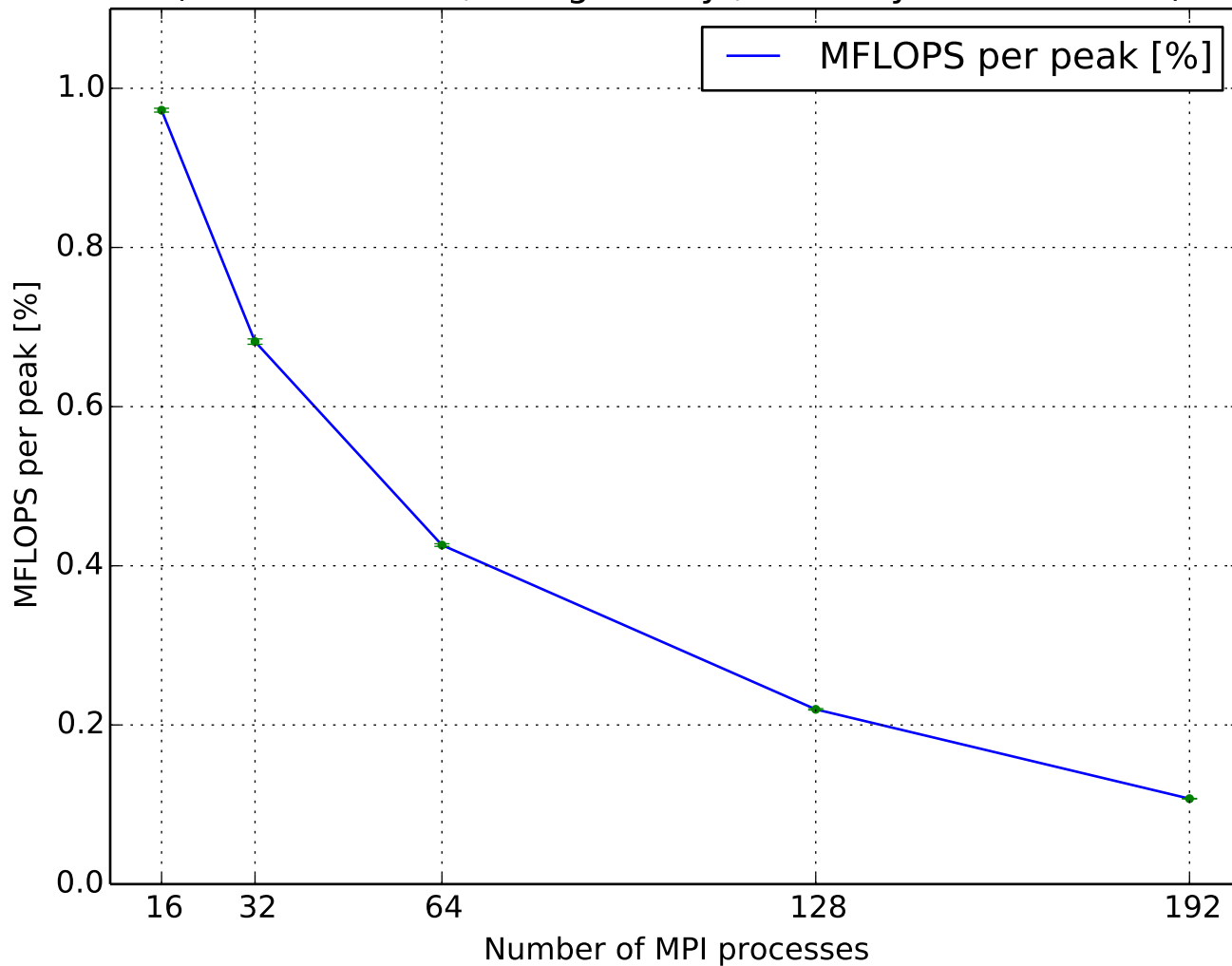
MFLOPS per peak
(0.74292M cells, Smagorinsky ,GAMG-GaussSeidel)



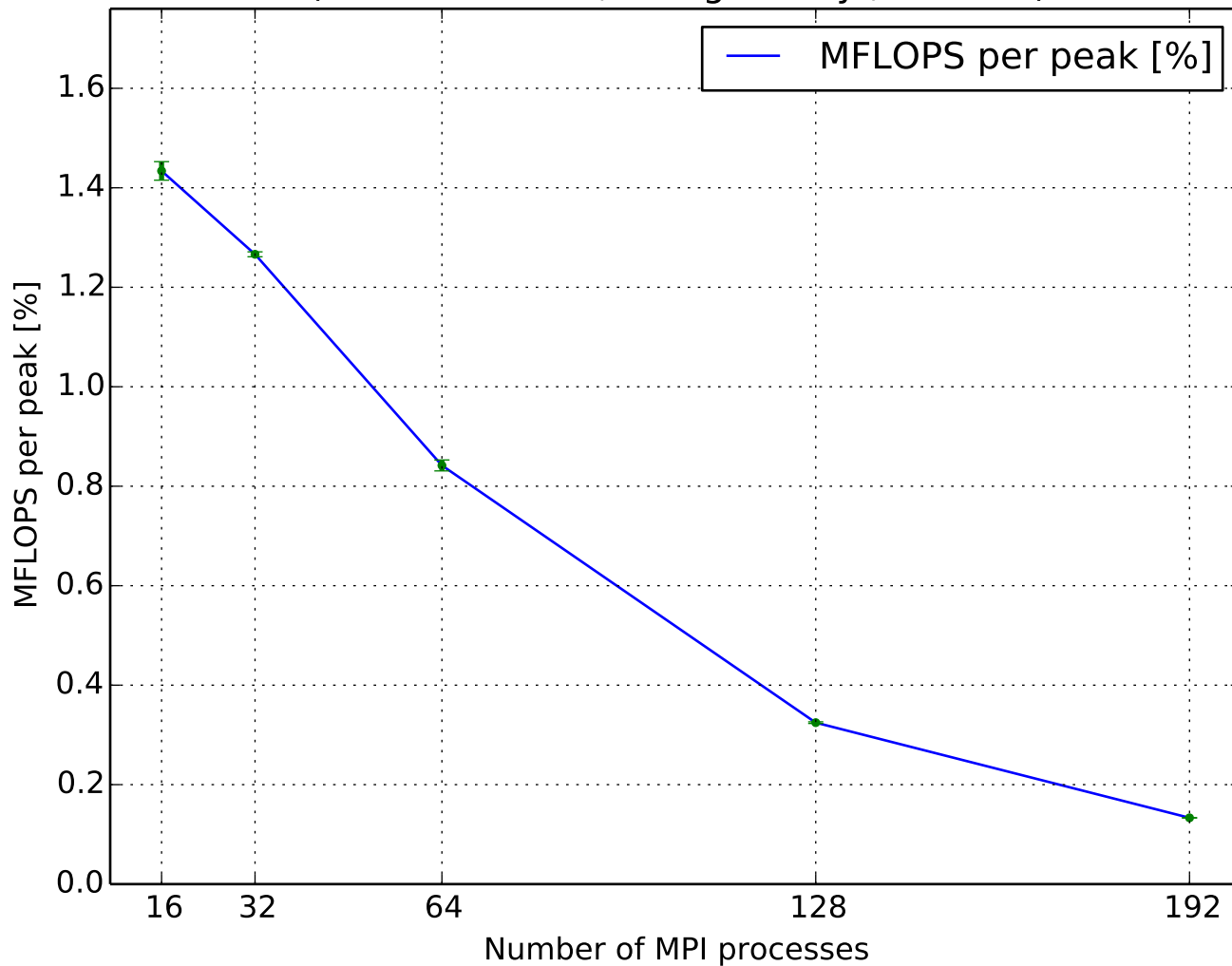
MFLOPS per peak
(0.74292M cells, Smagorinsky ,GAMG-nonBlockingGaussSeidel)



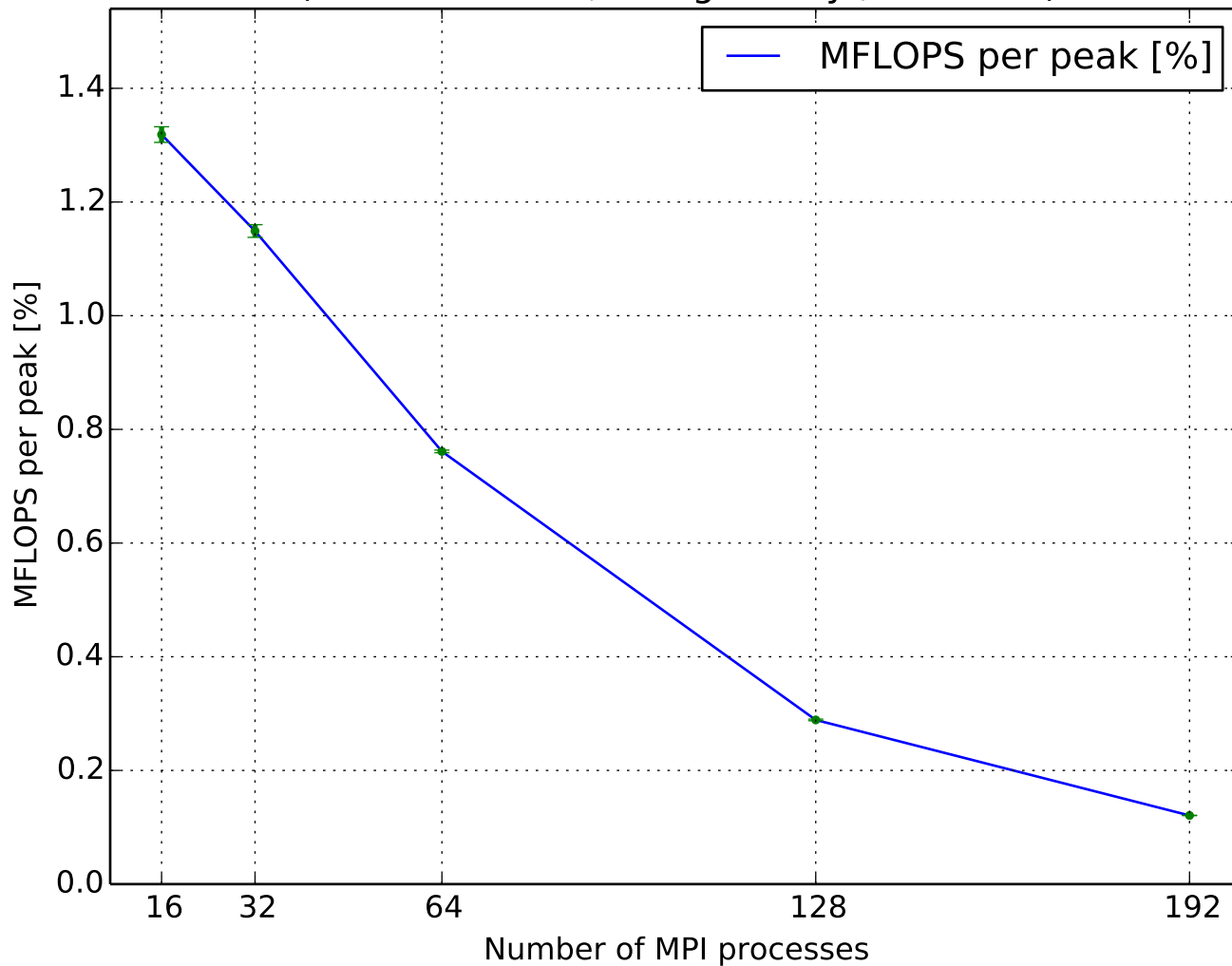
MFLOPS per peak
(0.74292M cells, Smagorinsky ,GAMG-symGaussSeidel)



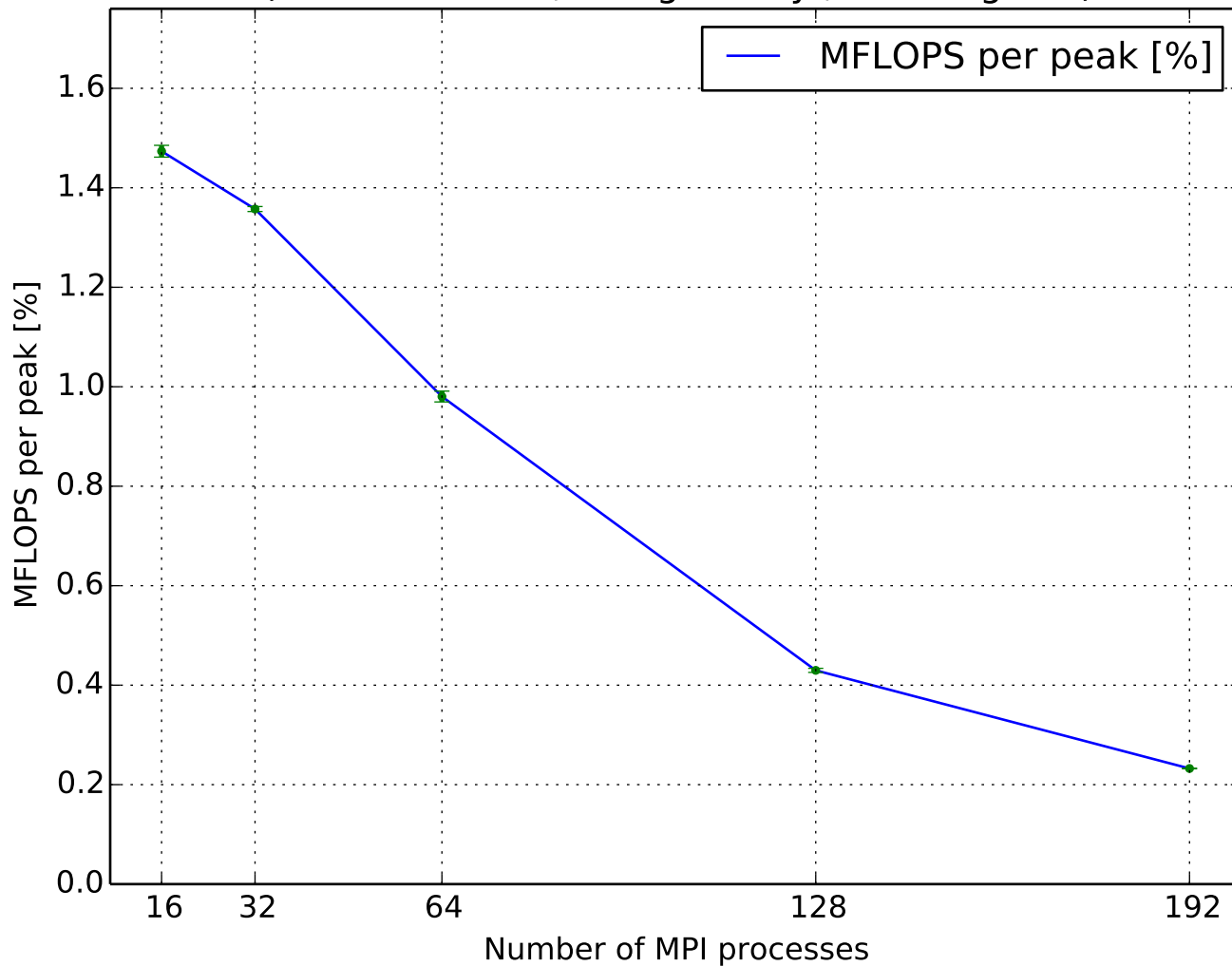
MFLOPS per peak
(0.74292M cells, Smagorinsky ,PCG-DIC)



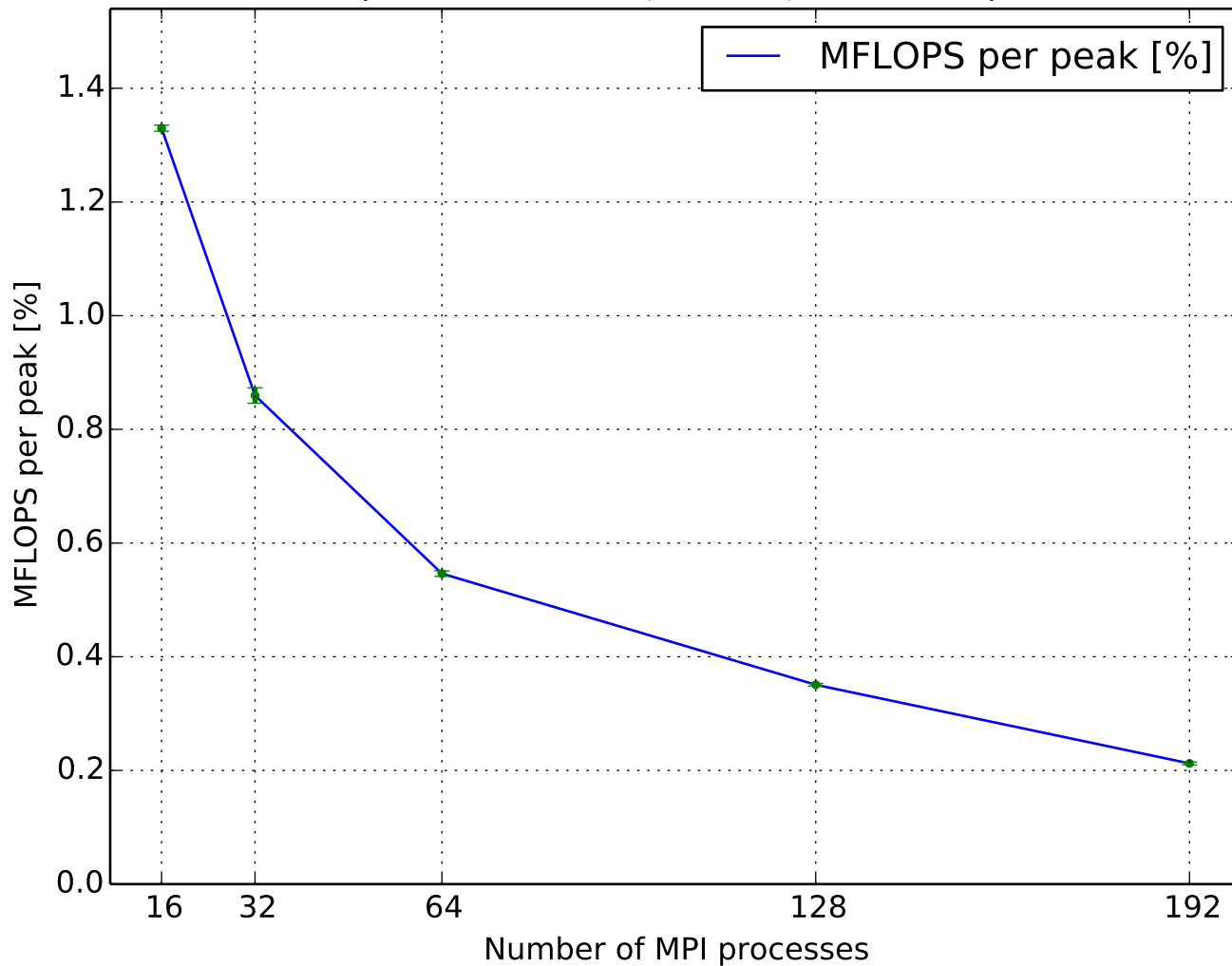
MFLOPS per peak
(0.74292M cells, Smagorinsky ,PCG-FDIC)



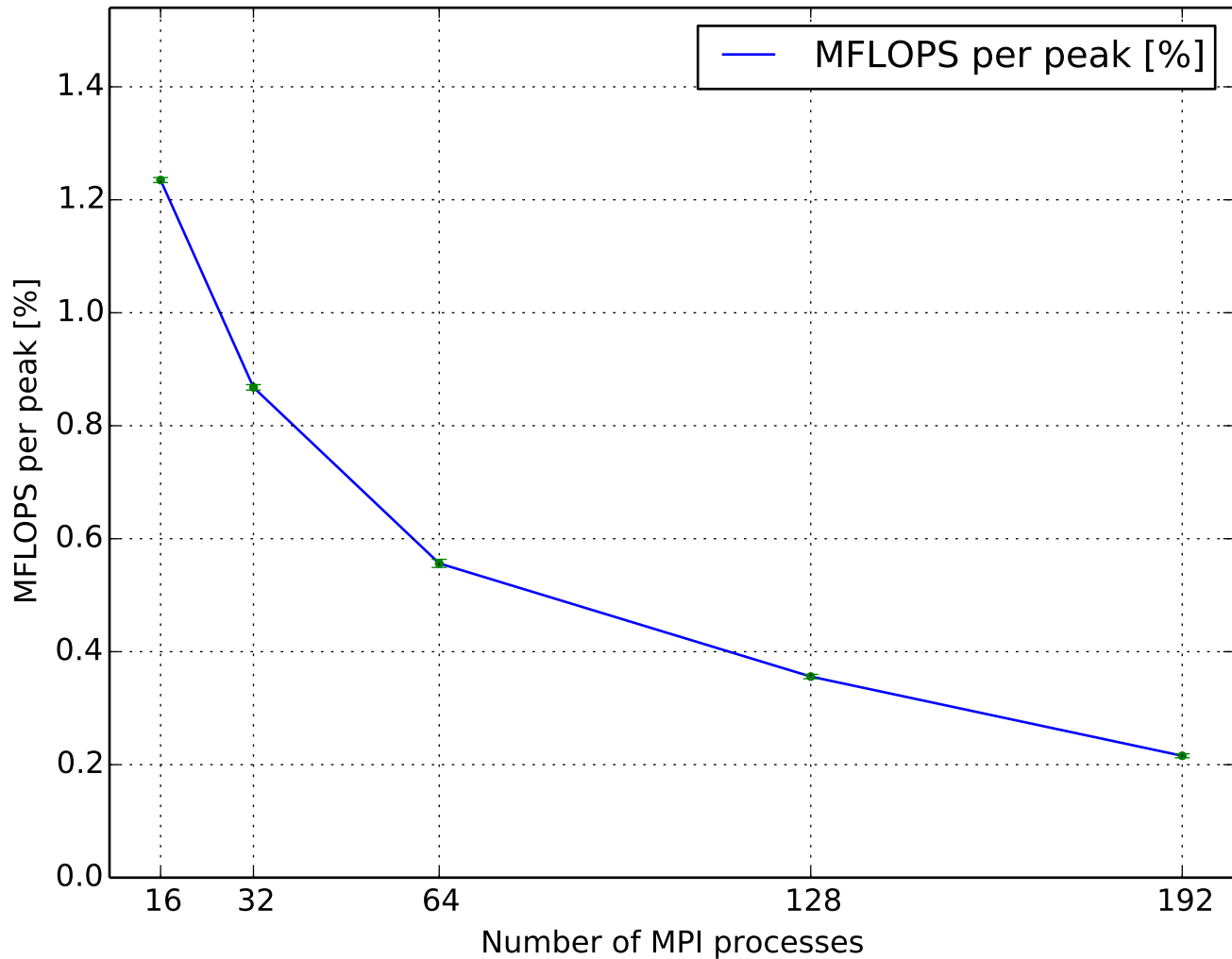
MFLOPS per peak
(0.74292M cells, Smagorinsky ,PCG-diagonal)



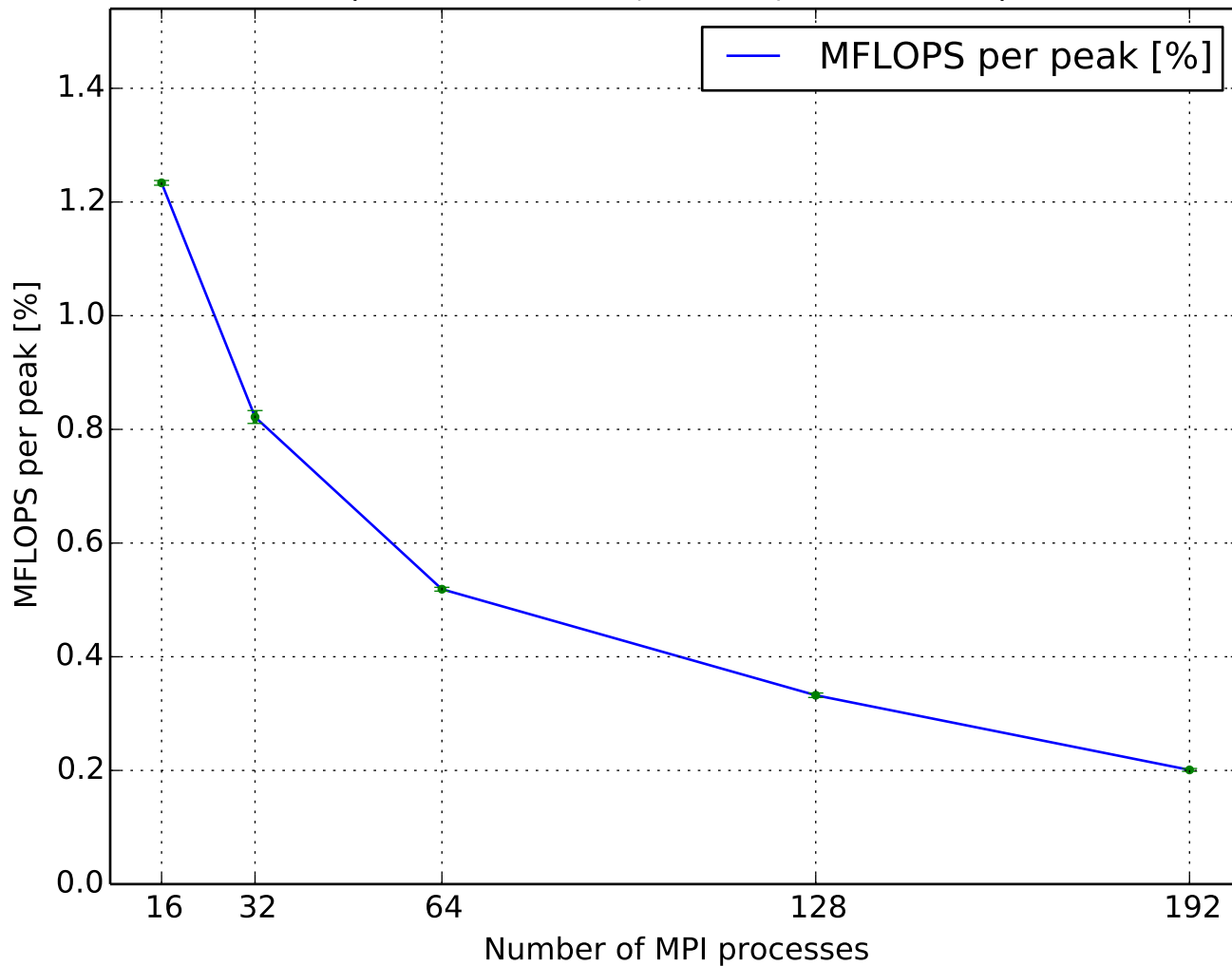
MFLOPS per peak
(0.74292M cells, WALE ,GAMG-DIC)



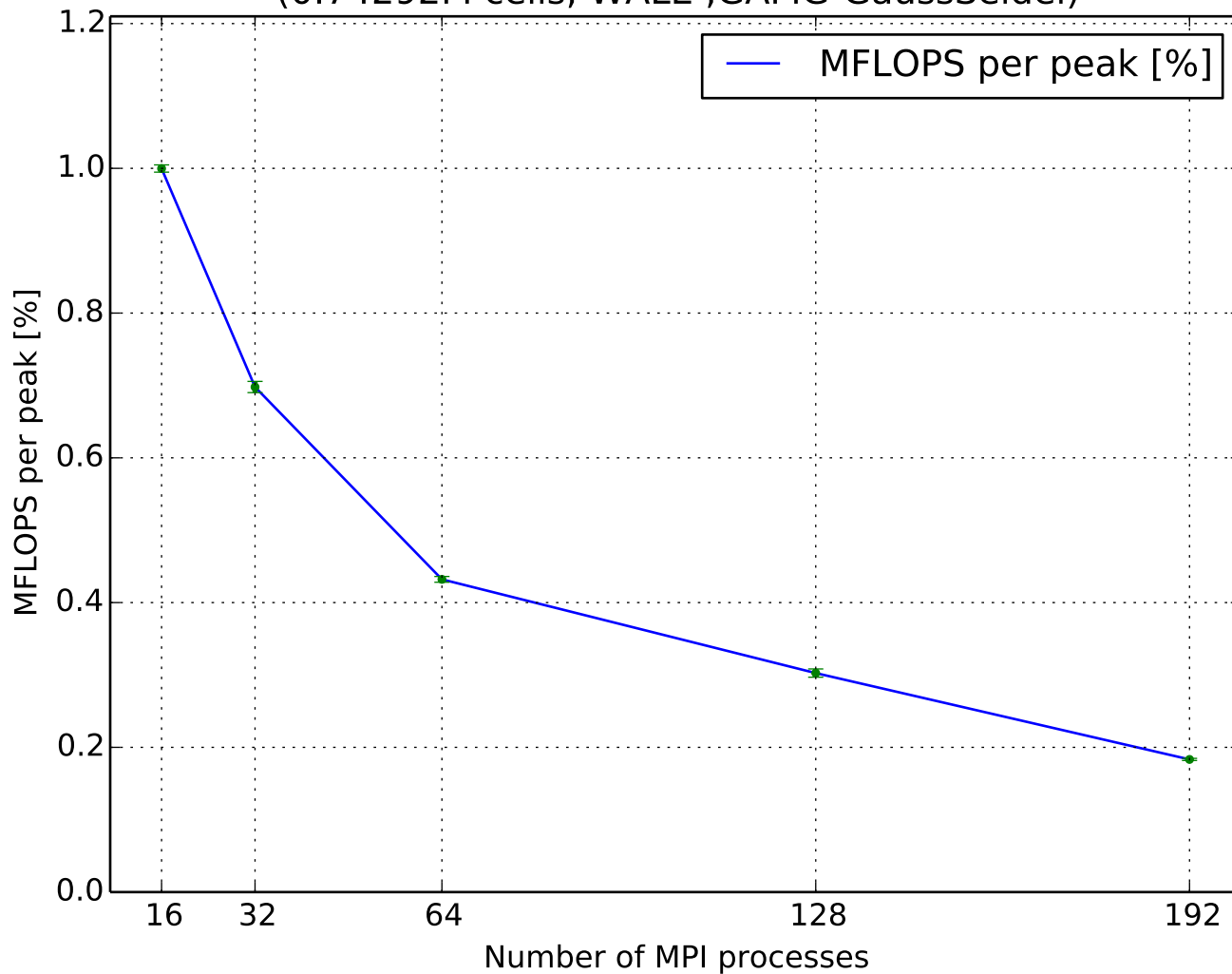
MFLOPS per peak
(0.74292M cells, WALE ,GAMG-DICGaussSeidel)



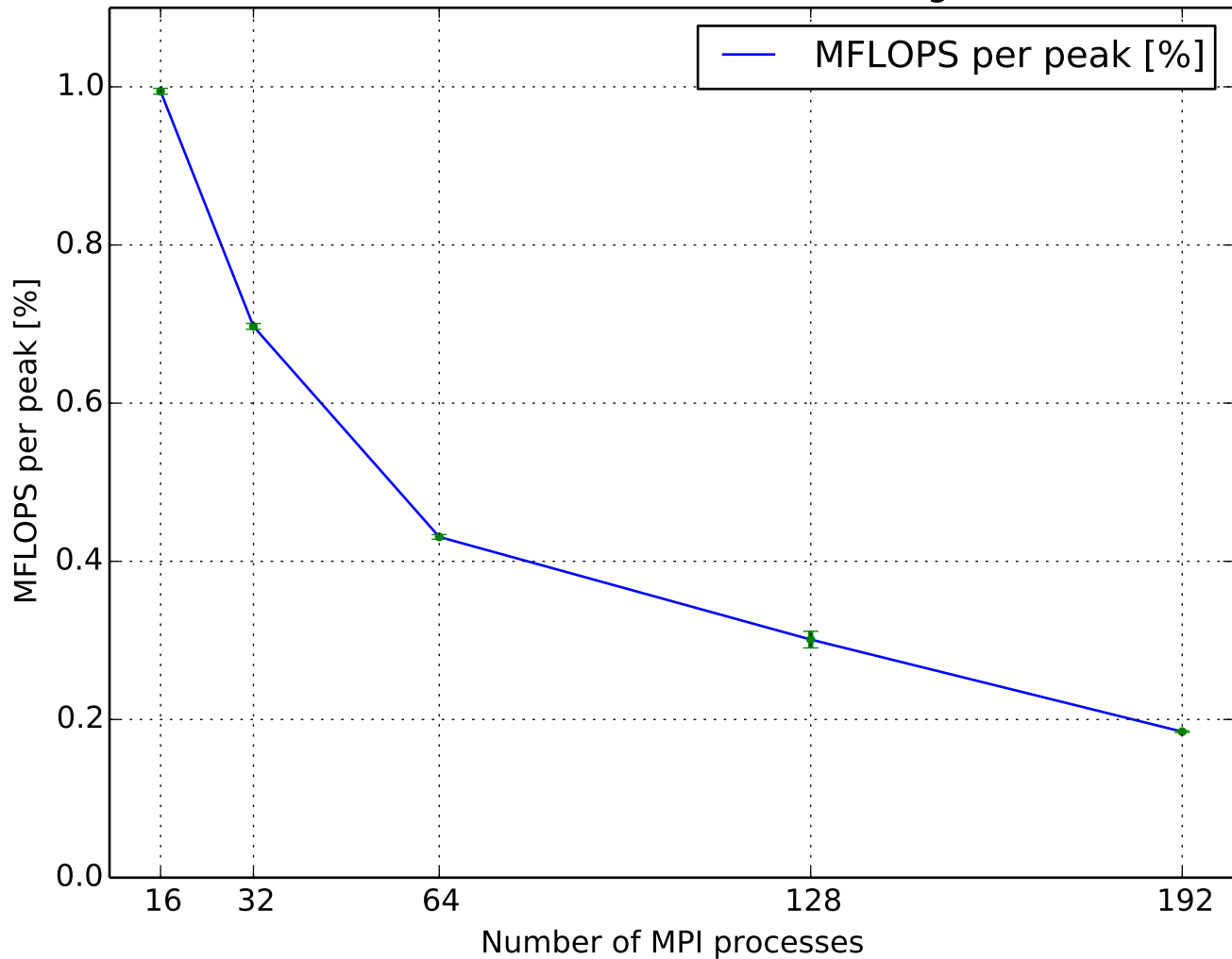
MFLOPS per peak
(0.74292M cells, WALE ,GAMG-FDIC)



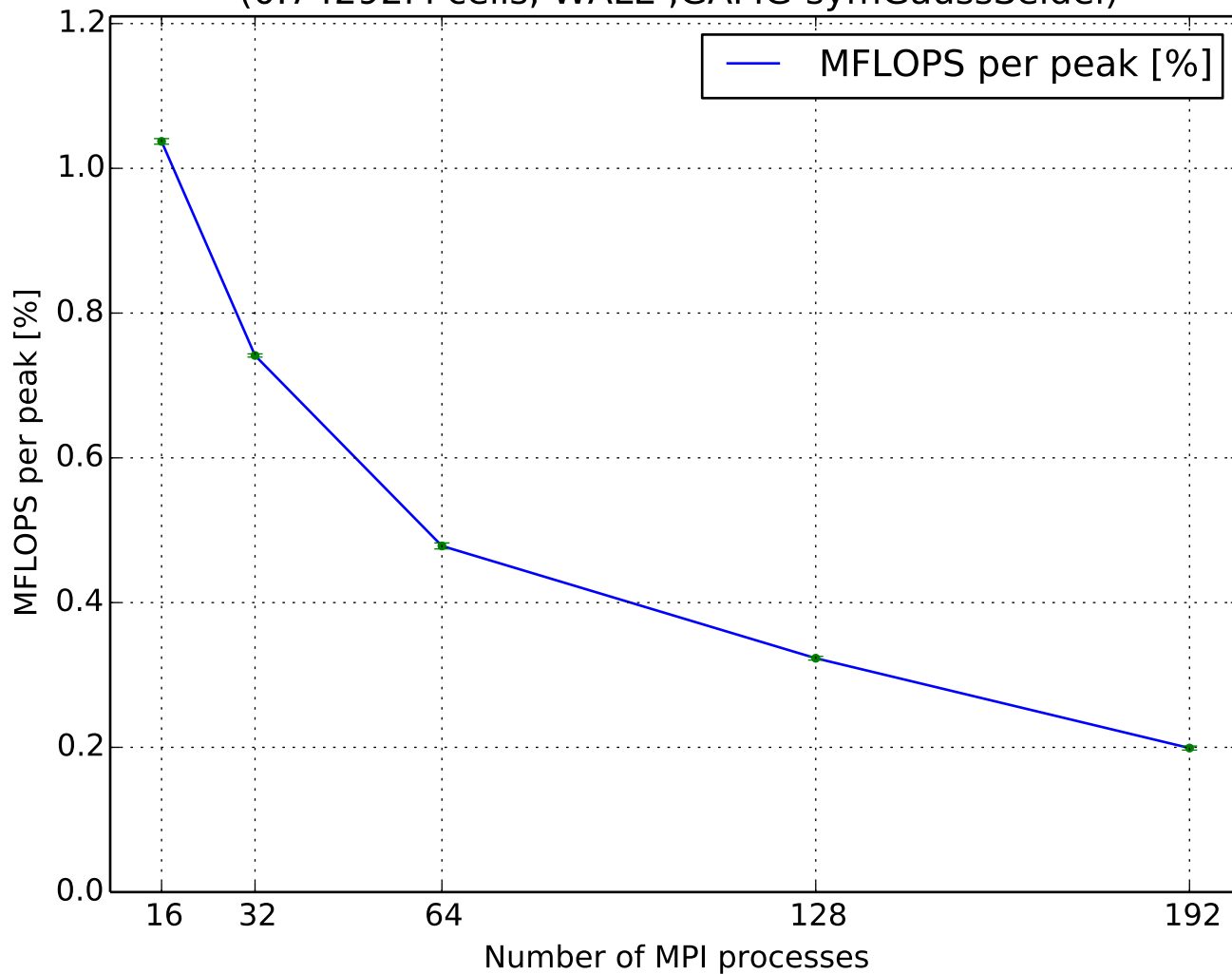
MFLOPS per peak
(0.74292M cells, WALE ,GAMG-GaussSeidel)



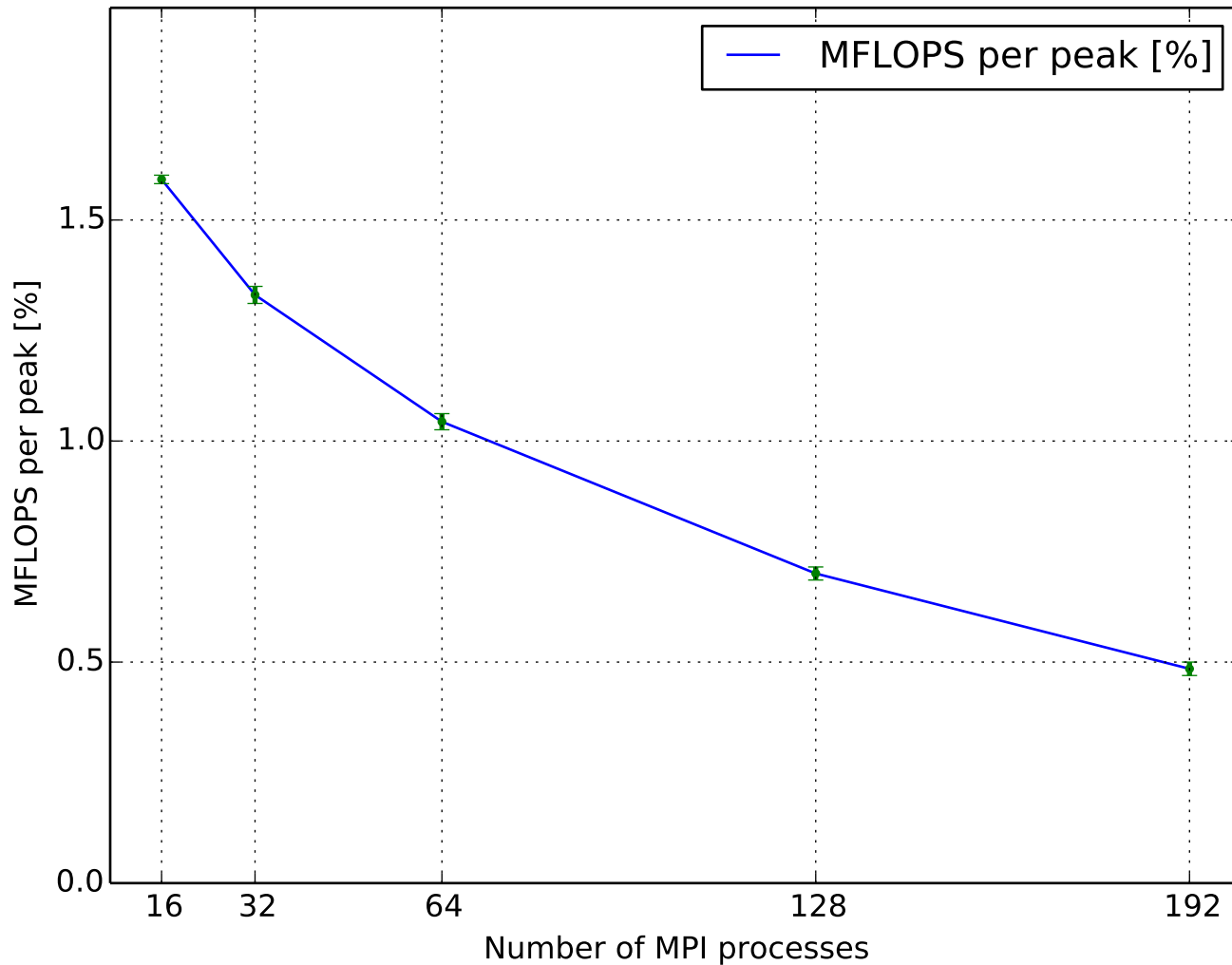
MFLOPS per peak
(0.74292M cells, WALE ,GAMG-nonBlockingGaussSeidel)



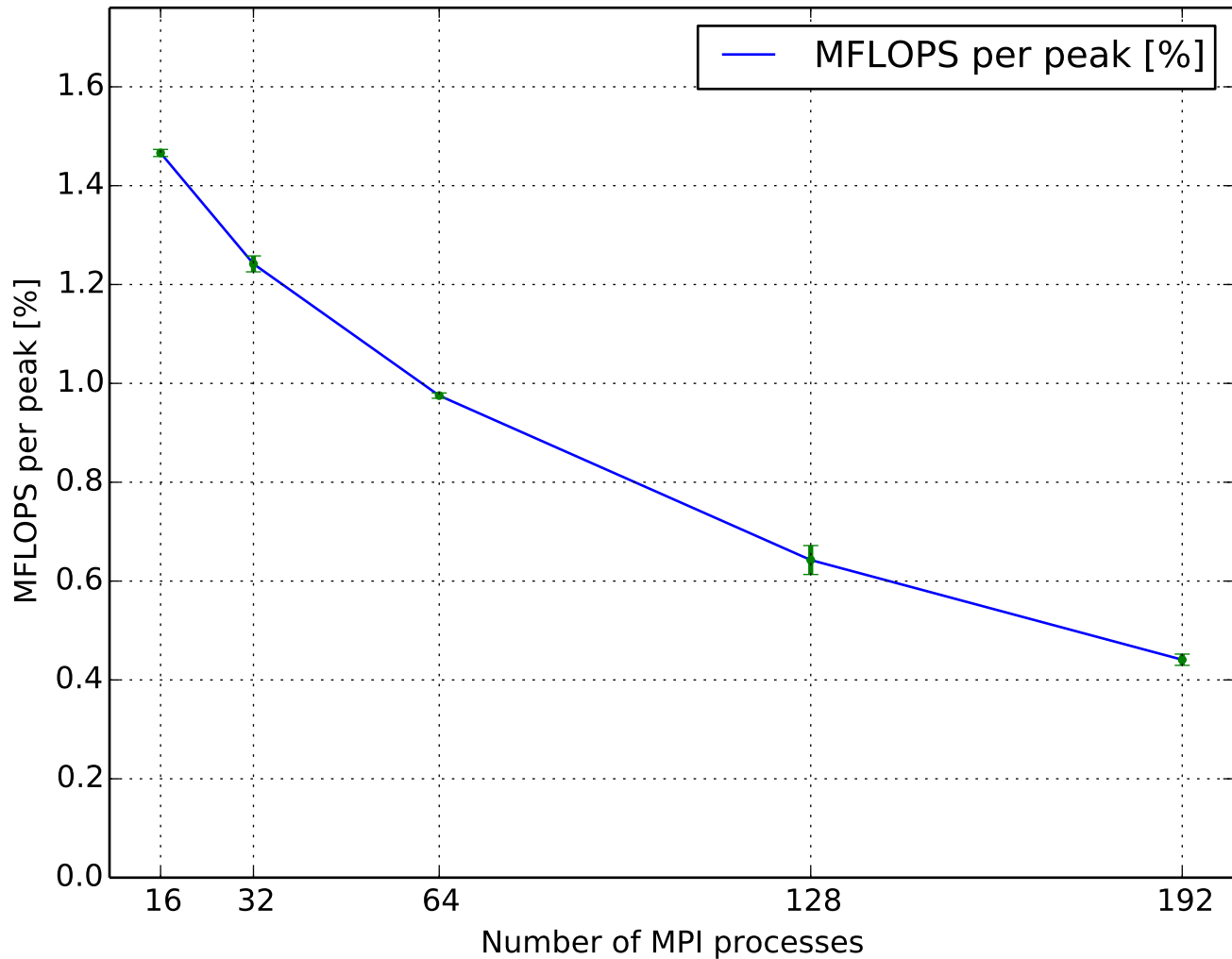
MFLOPS per peak
(0.74292M cells, WALE ,GAMG-symGaussSeidel)



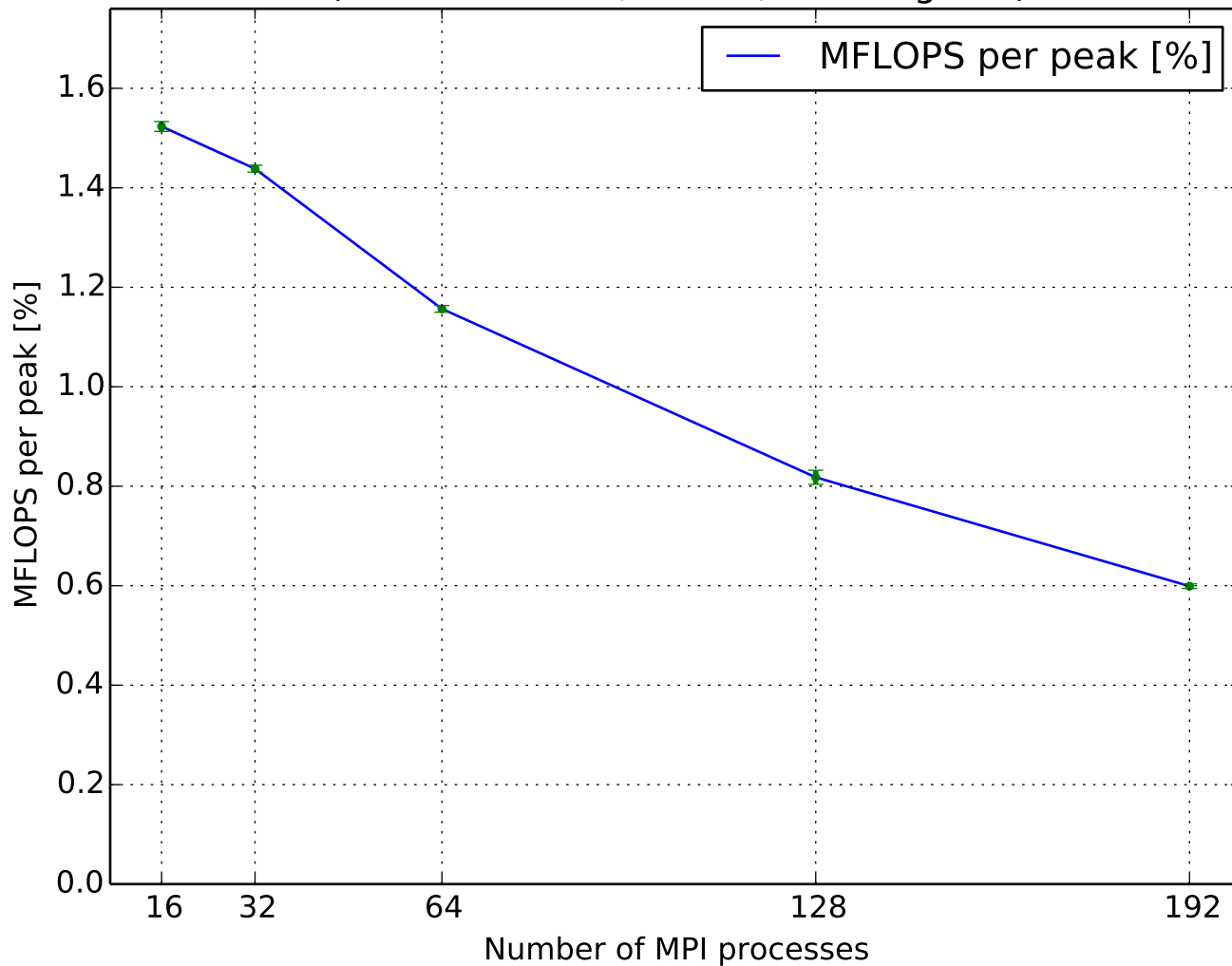
MFLOPS per peak
(0.74292M cells, WALE ,PCG-DIC)



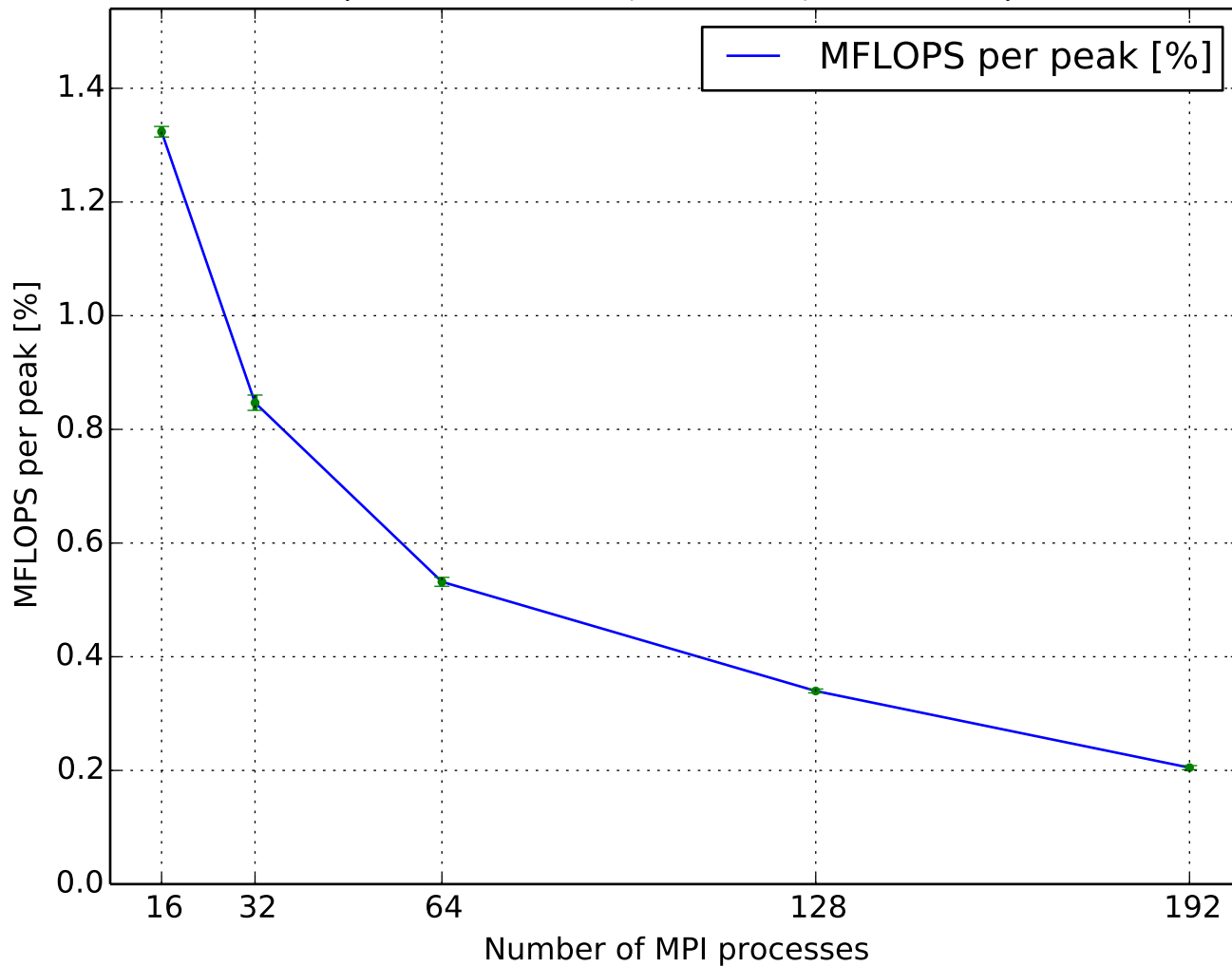
MFLOPS per peak
(0.74292M cells, WALE ,PCG-FDIC)



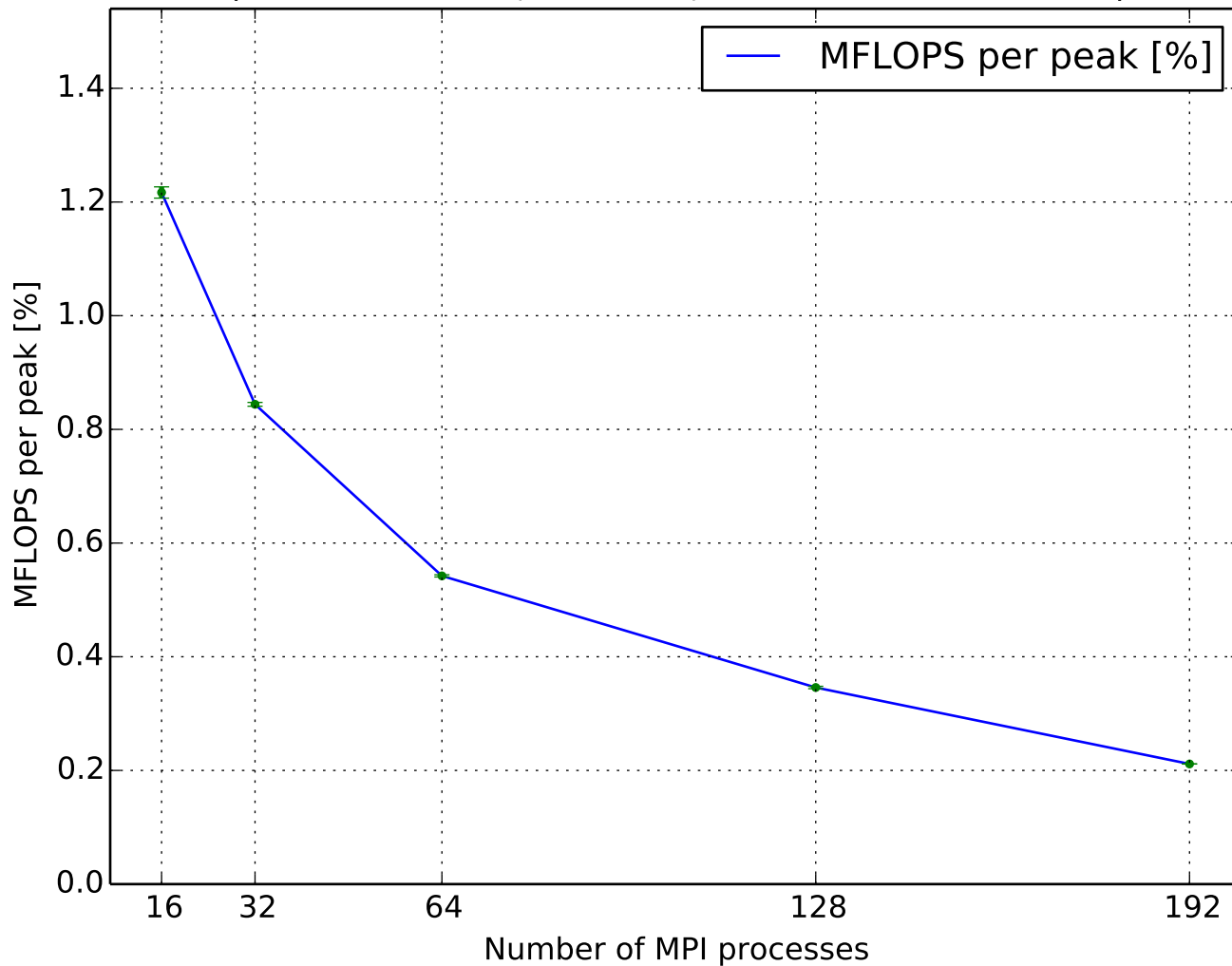
MFLOPS per peak
(0.74292M cells, WALE ,PCG-diagonal)



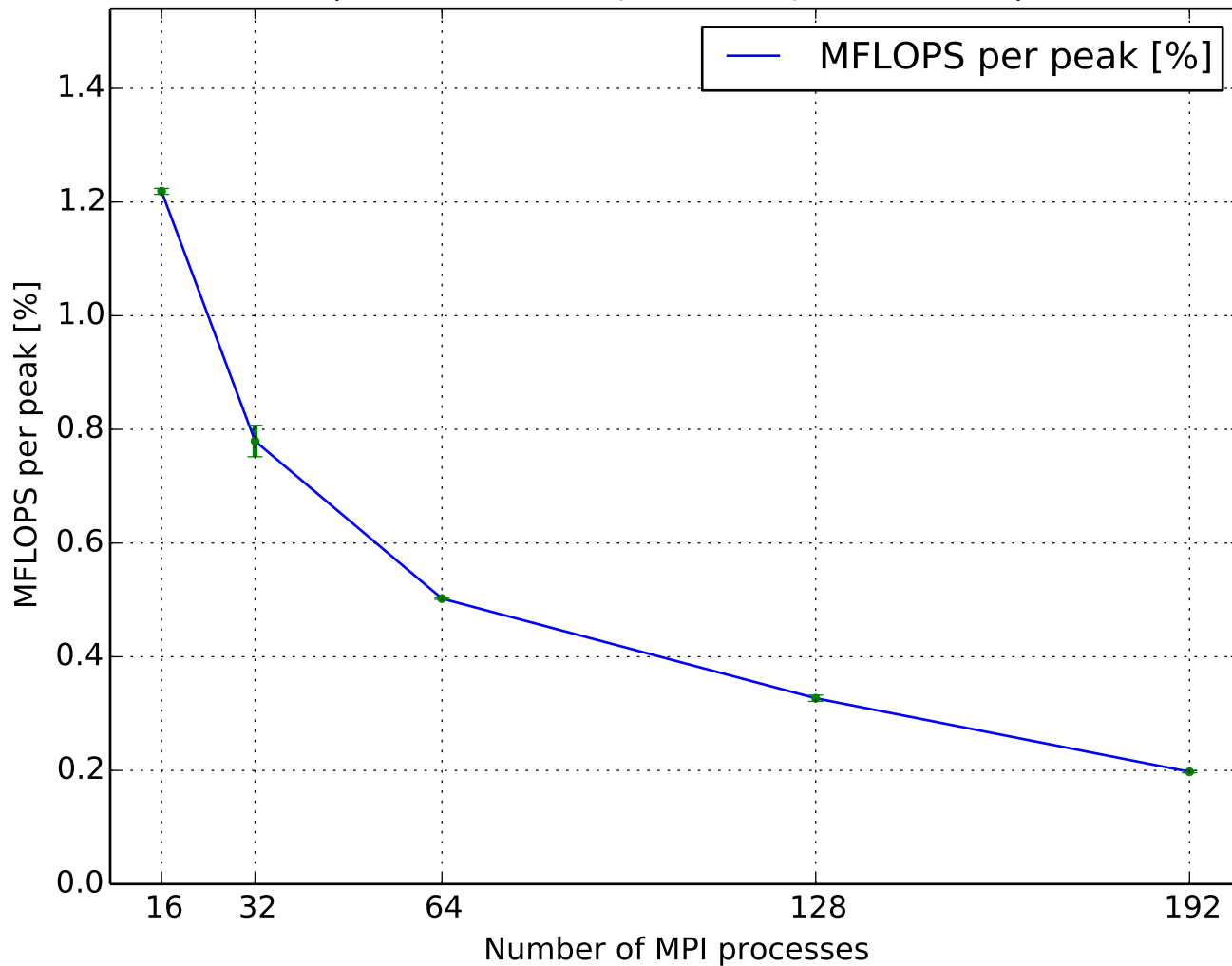
MFLOPS per peak
(0.74292M cells, laminar ,GAMG-DIC)



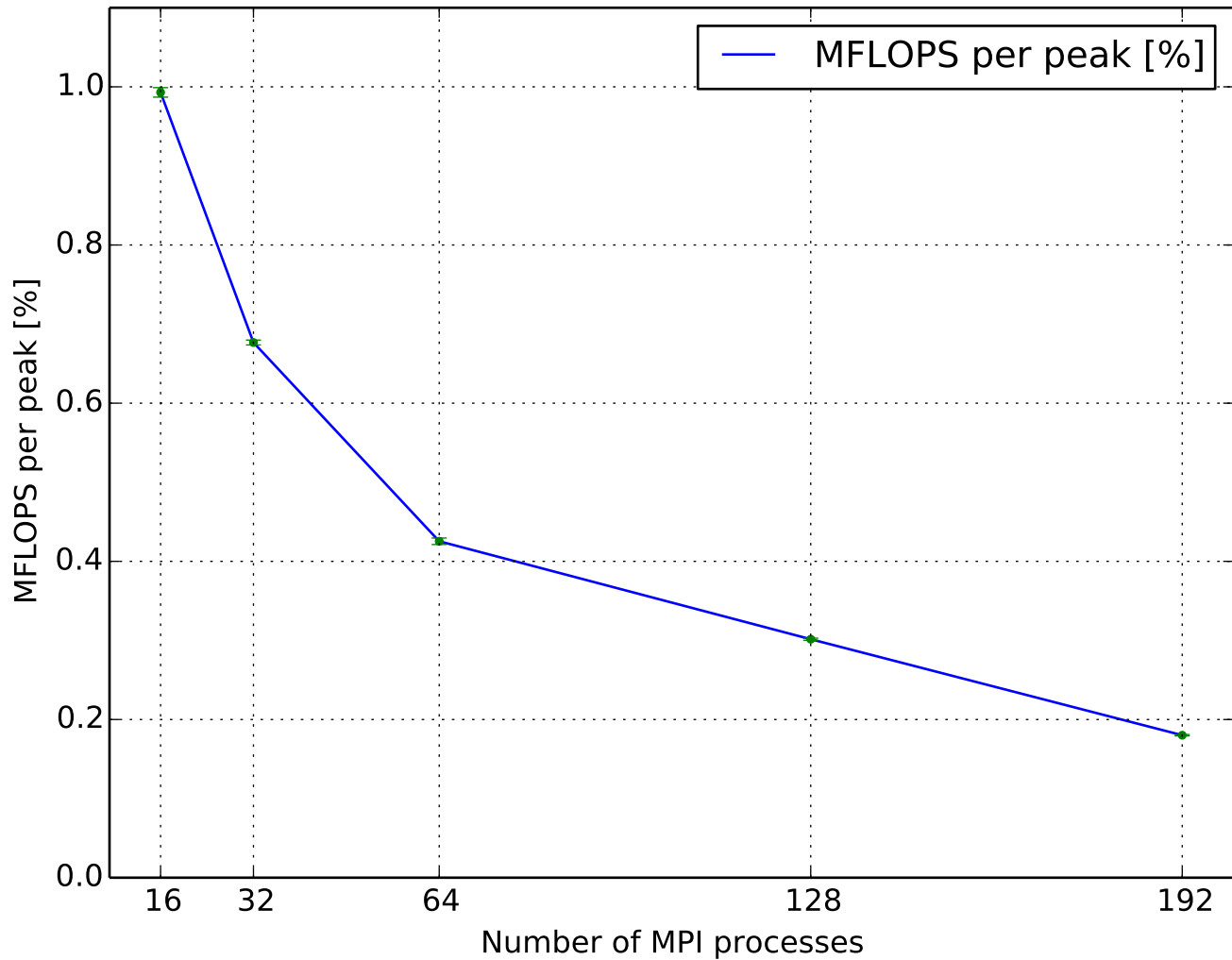
MFLOPS per peak
(0.74292M cells, laminar ,GAMG-DICGaussSeidel)



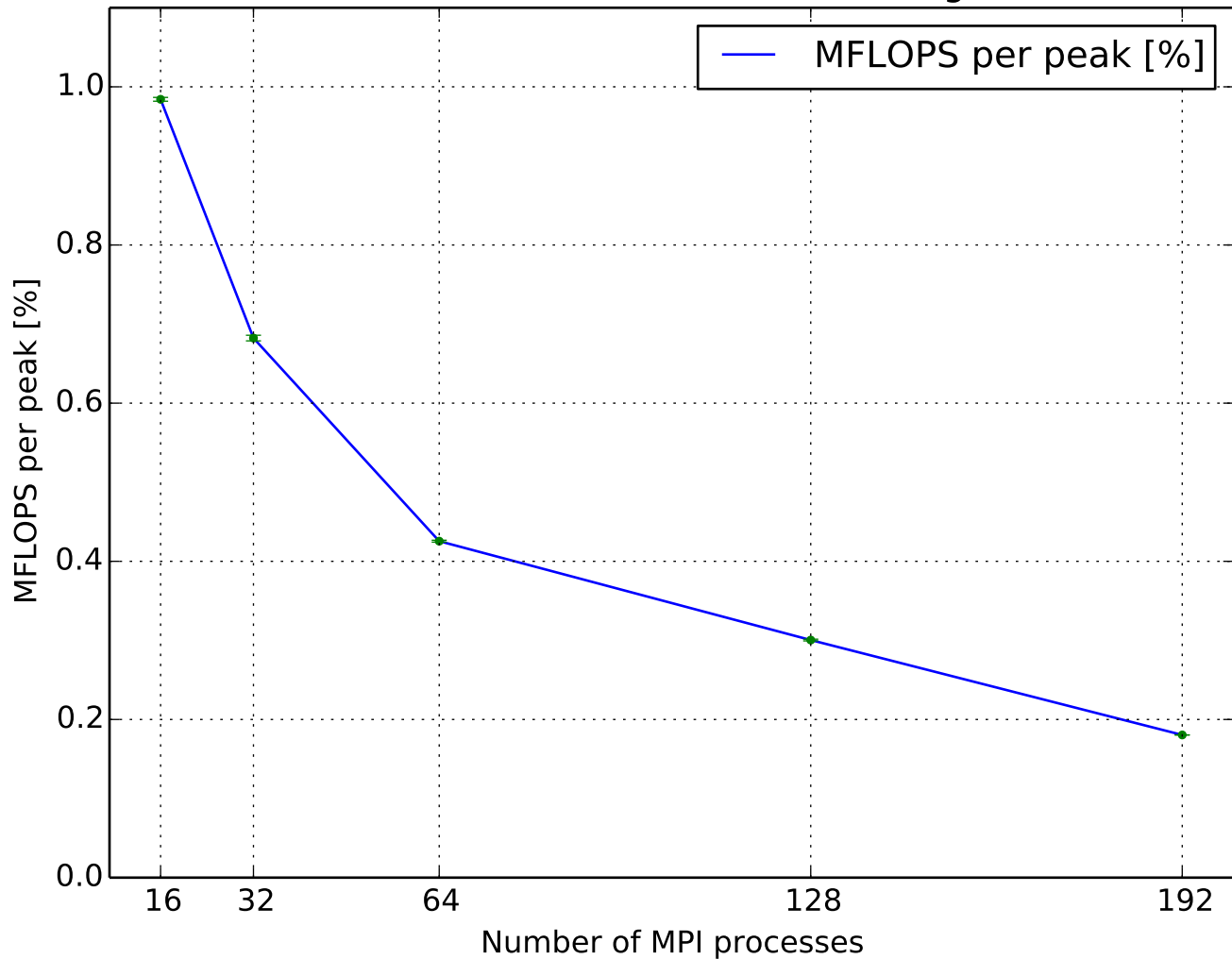
MFLOPS per peak
(0.74292M cells, laminar ,GAMG-FDIC)



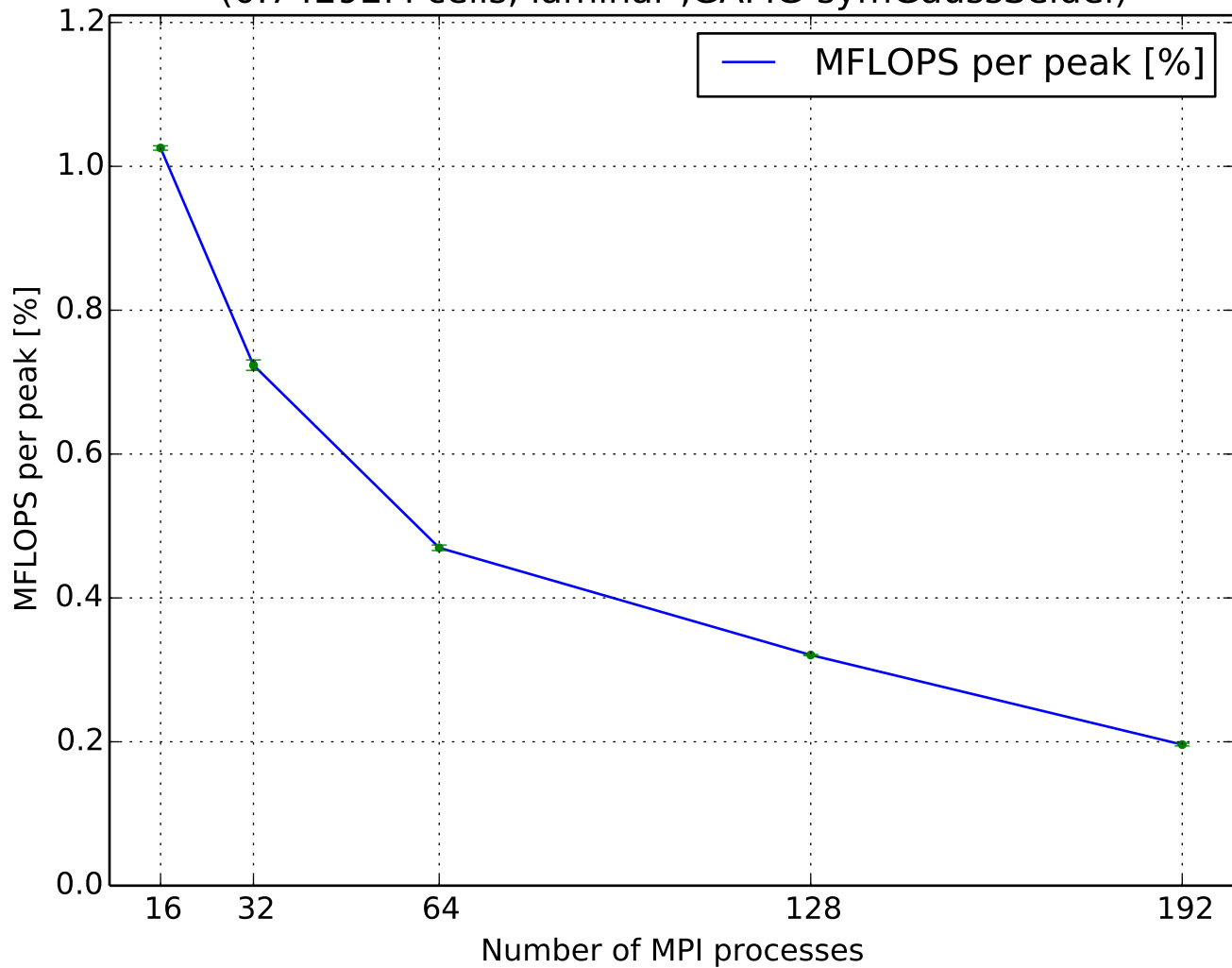
MFLOPS per peak
(0.74292M cells, laminar ,GAMG-GaussSeidel)



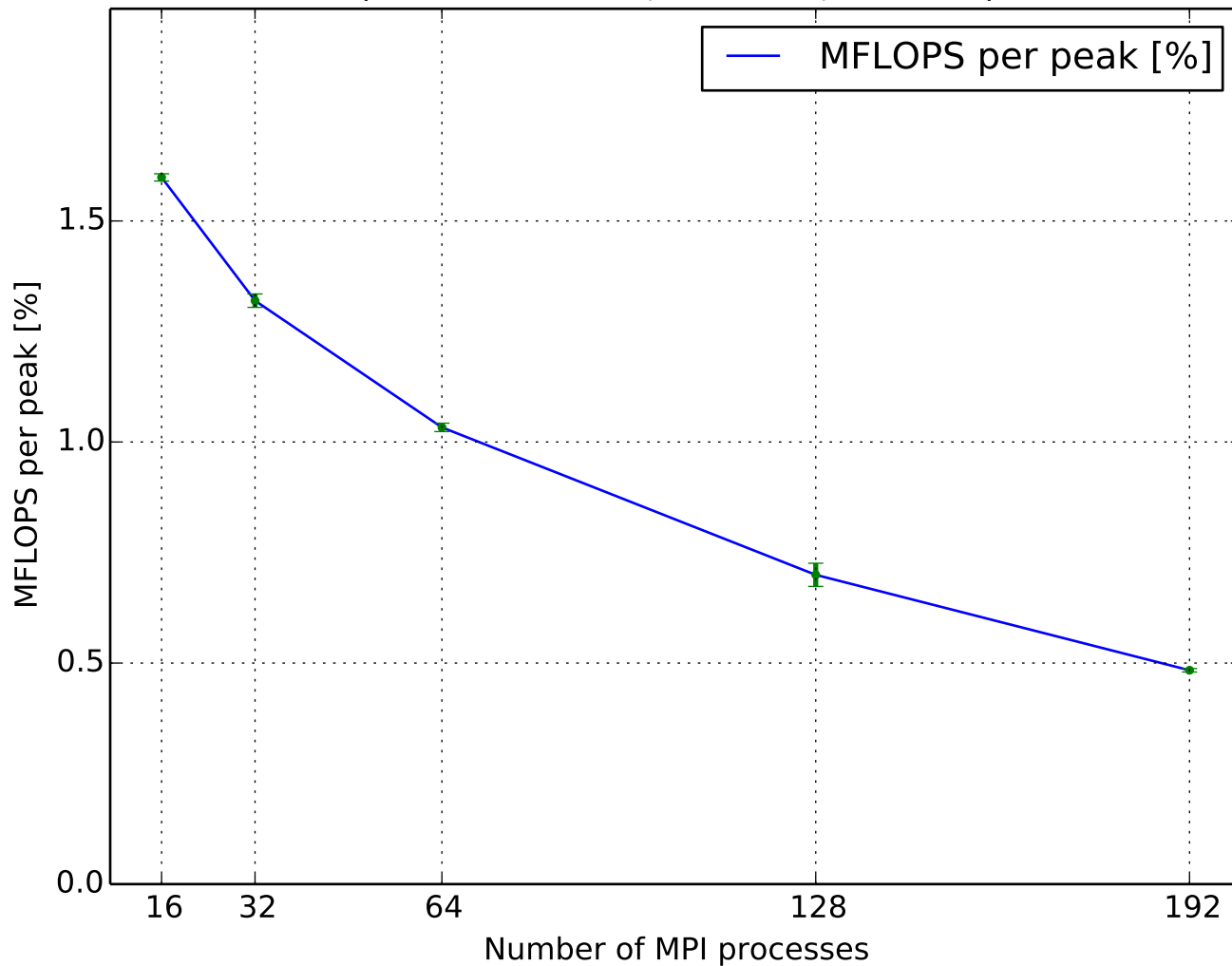
MFLOPS per peak
(0.74292M cells, laminar ,GAMG-nonBlockingGaussSeidel)



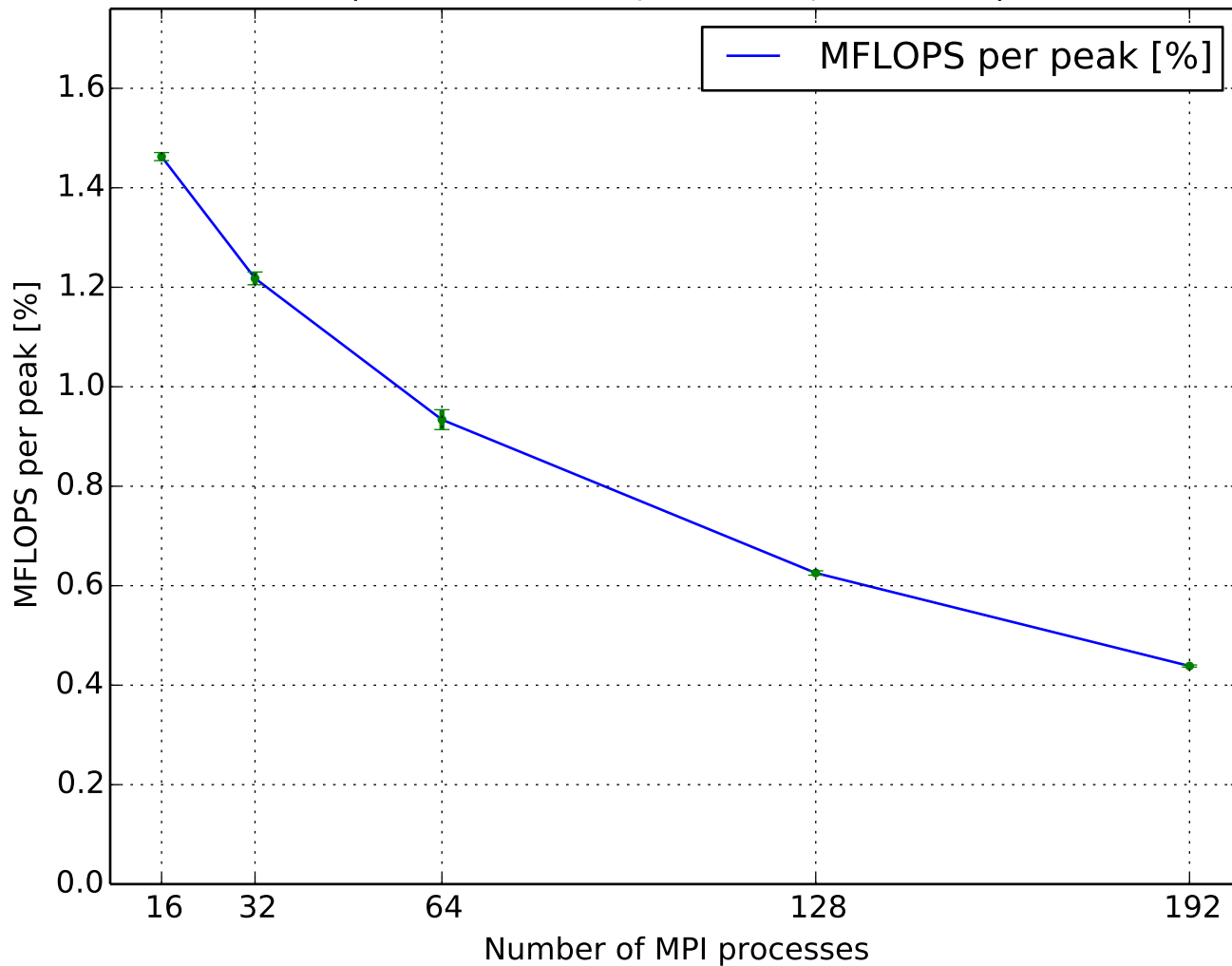
MFLOPS per peak
(0.74292M cells, laminar ,GAMG-symGaussSeidel)



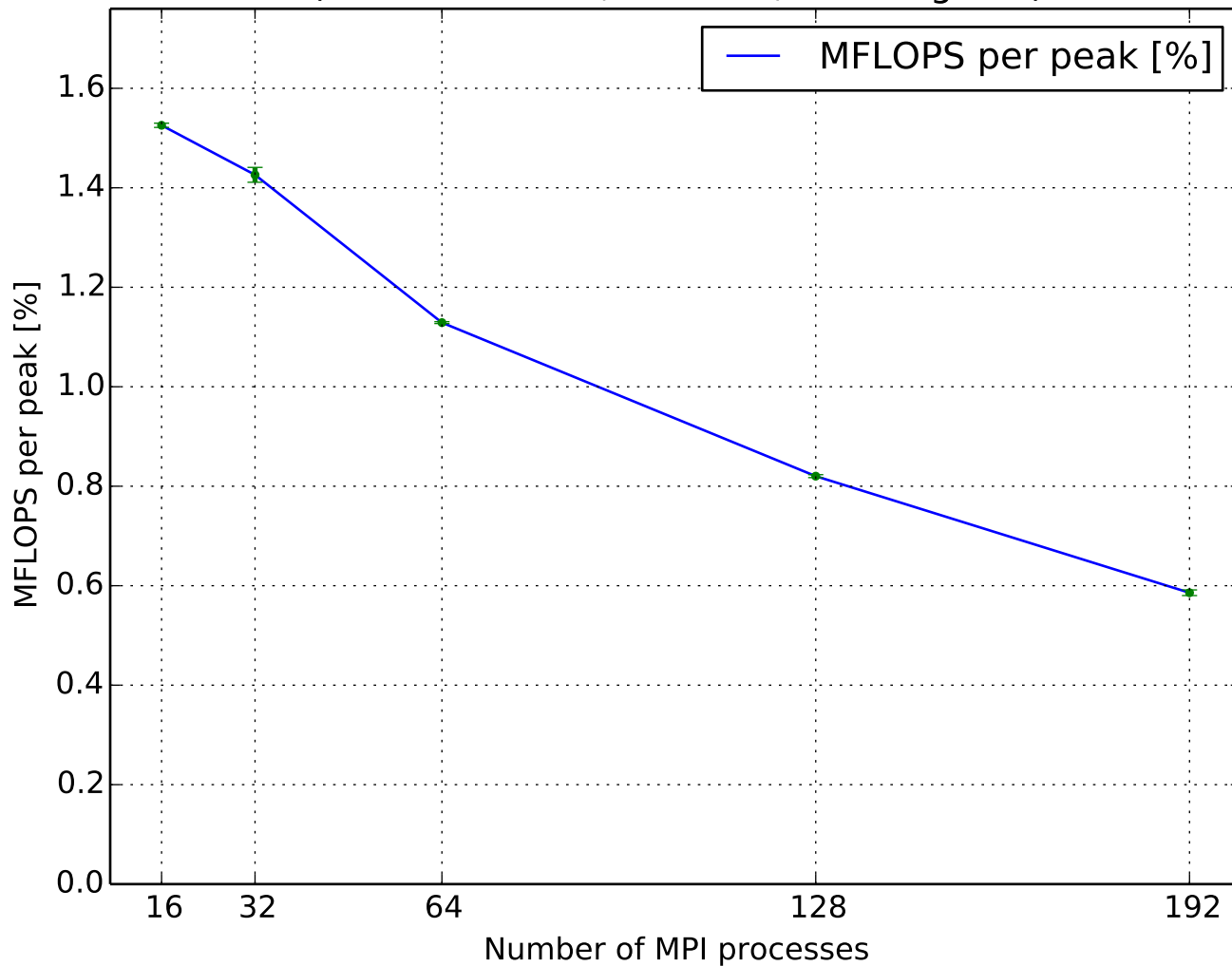
MFLOPS per peak
(0.74292M cells, laminar ,PCG-DIC)



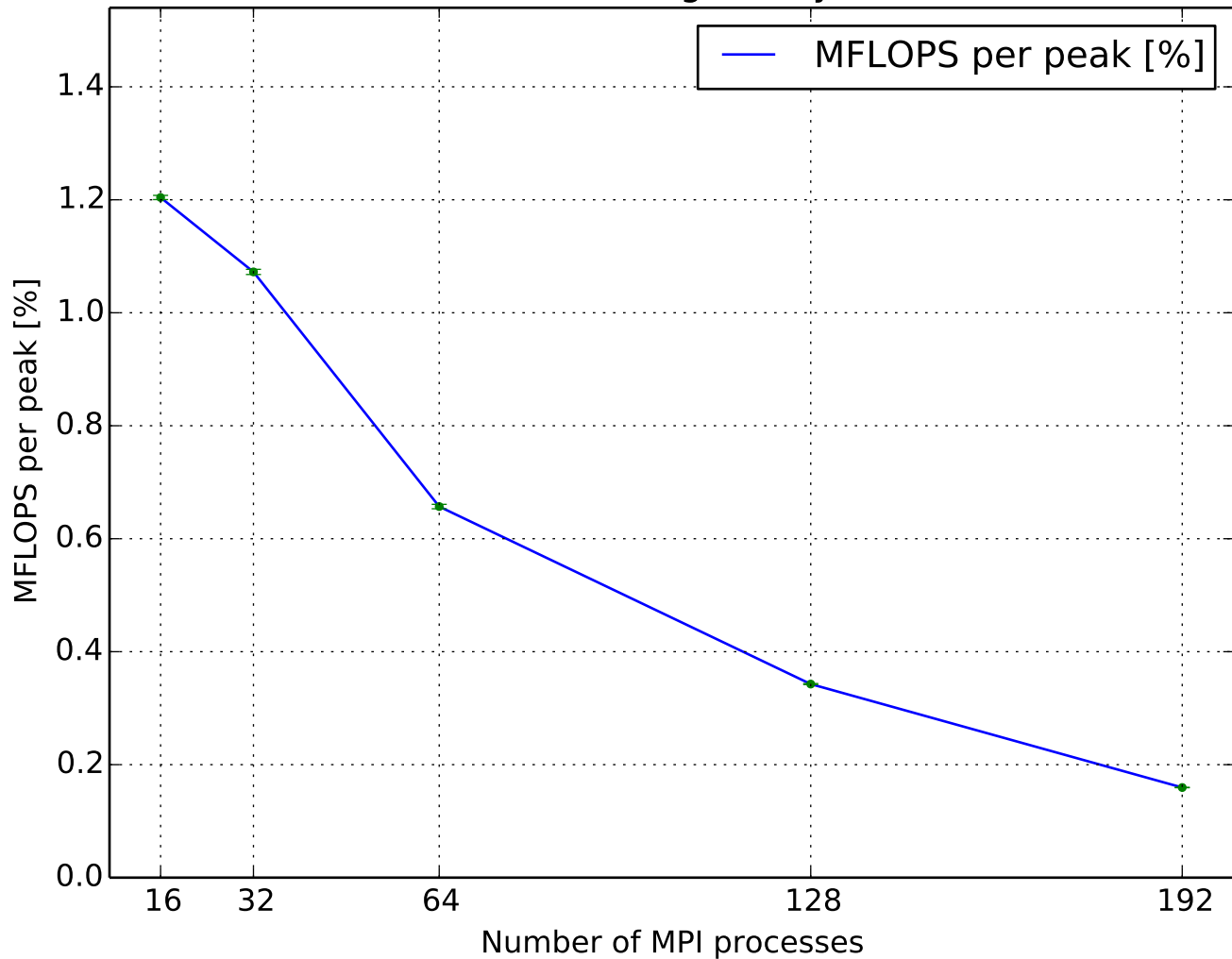
MFLOPS per peak
(0.74292M cells, laminar ,PCG-FDIC)



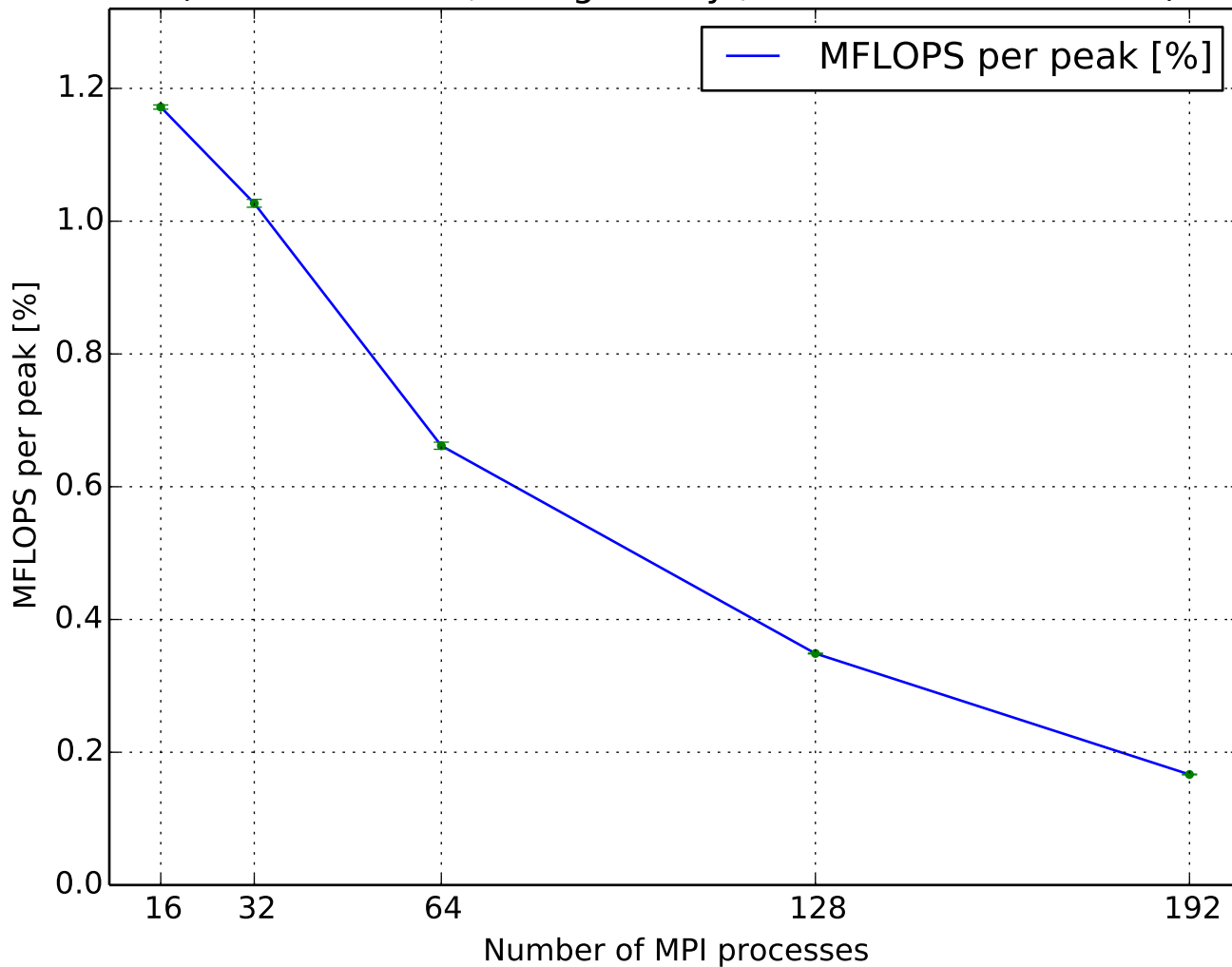
MFLOPS per peak
(0.74292M cells, laminar ,PCG-diagonal)



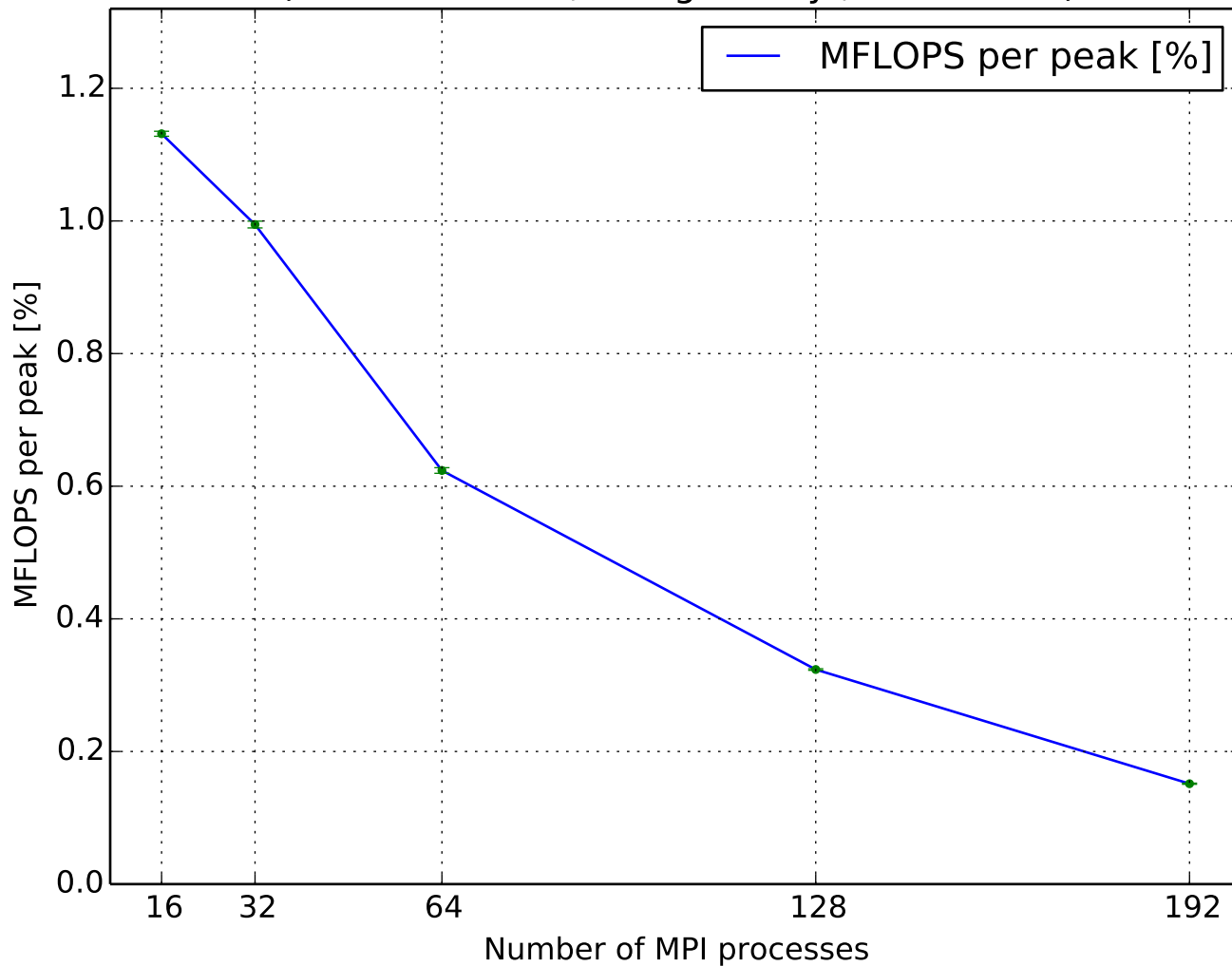
MFLOPS per peak
(1.48732M cells, Smagorinsky ,GAMG-DIC)



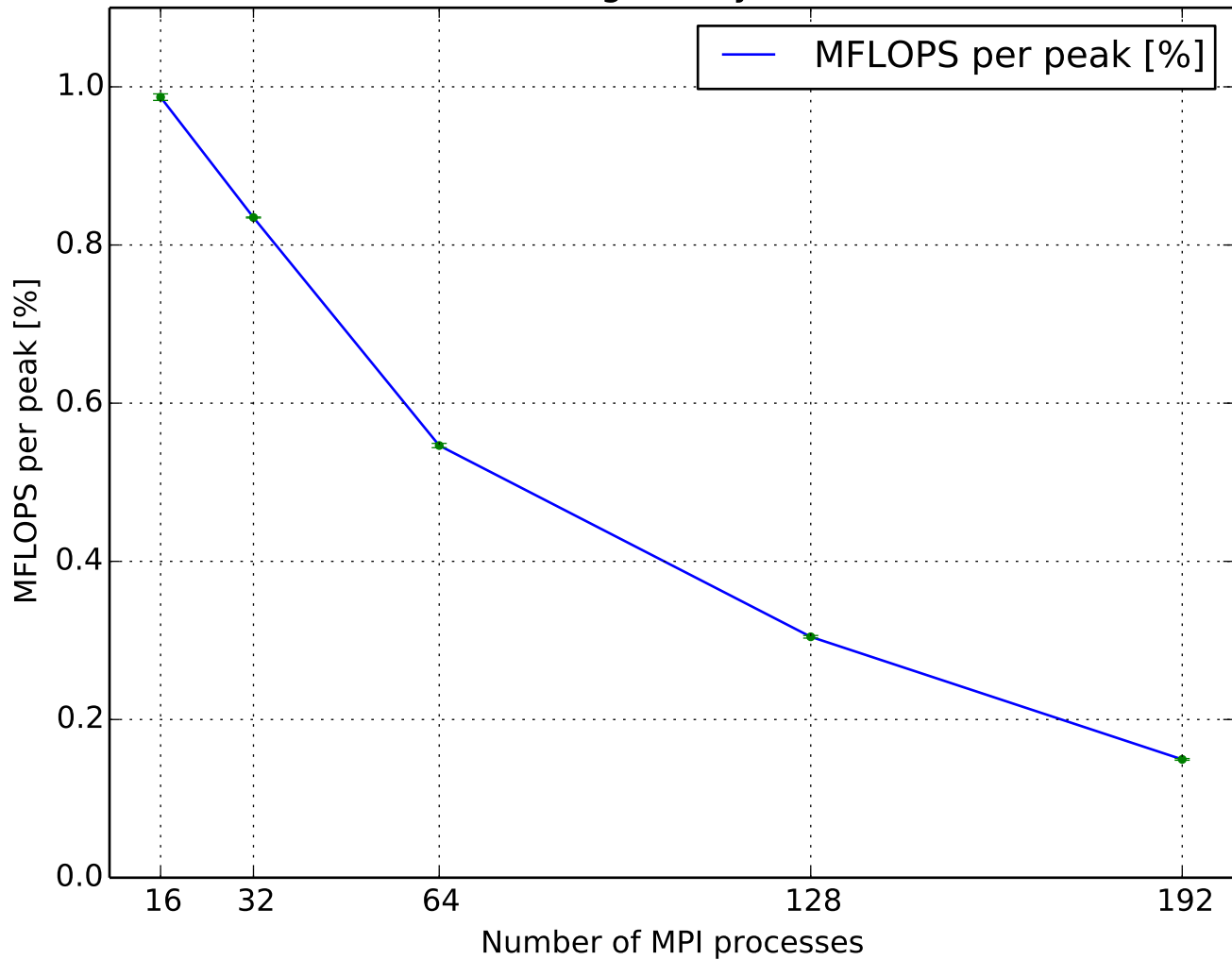
MFLOPS per peak
(1.48732M cells, Smagorinsky ,GAMG-DICGaussSeidel)



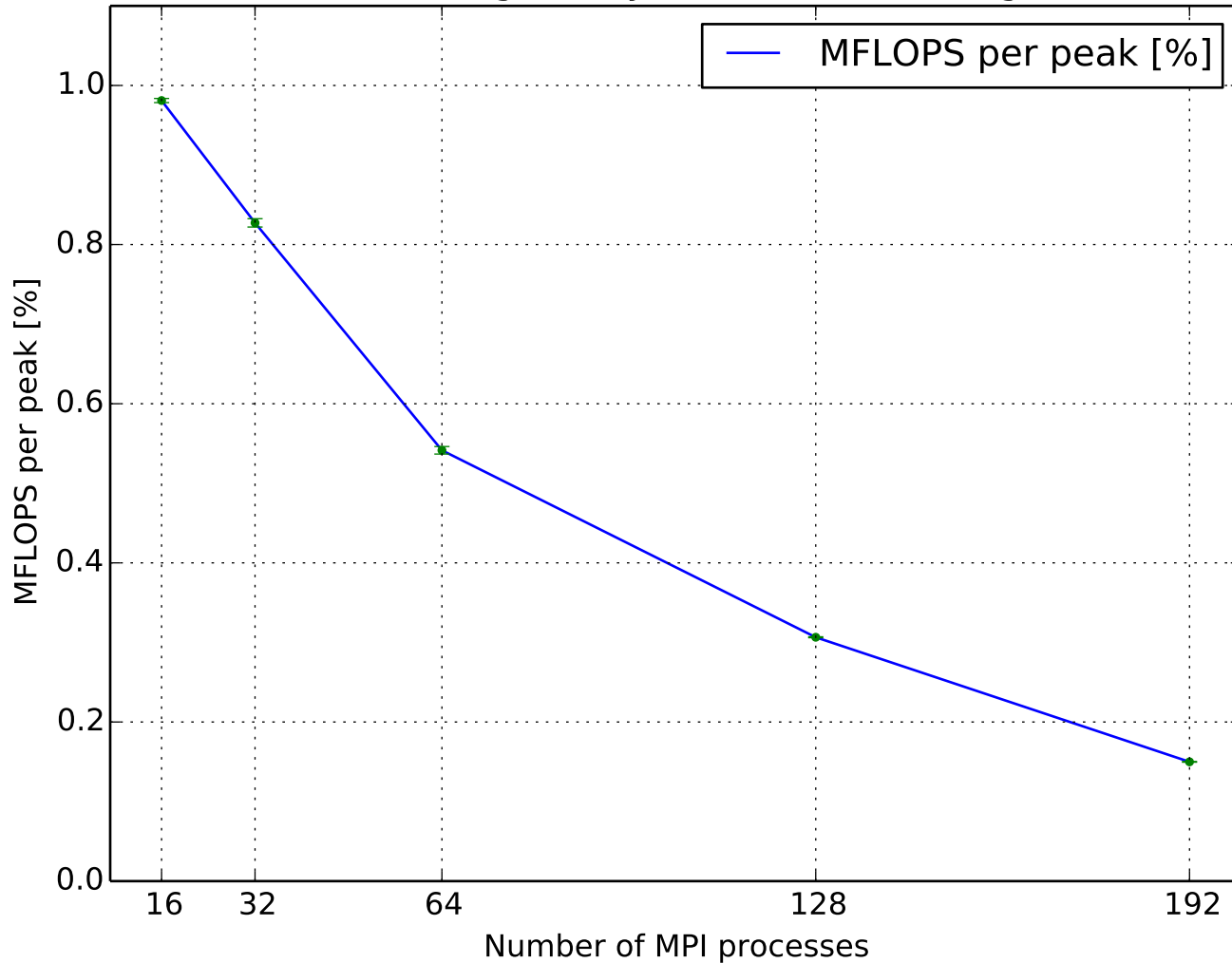
MFLOPS per peak
(1.48732M cells, Smagorinsky ,GAMG-FDIC)



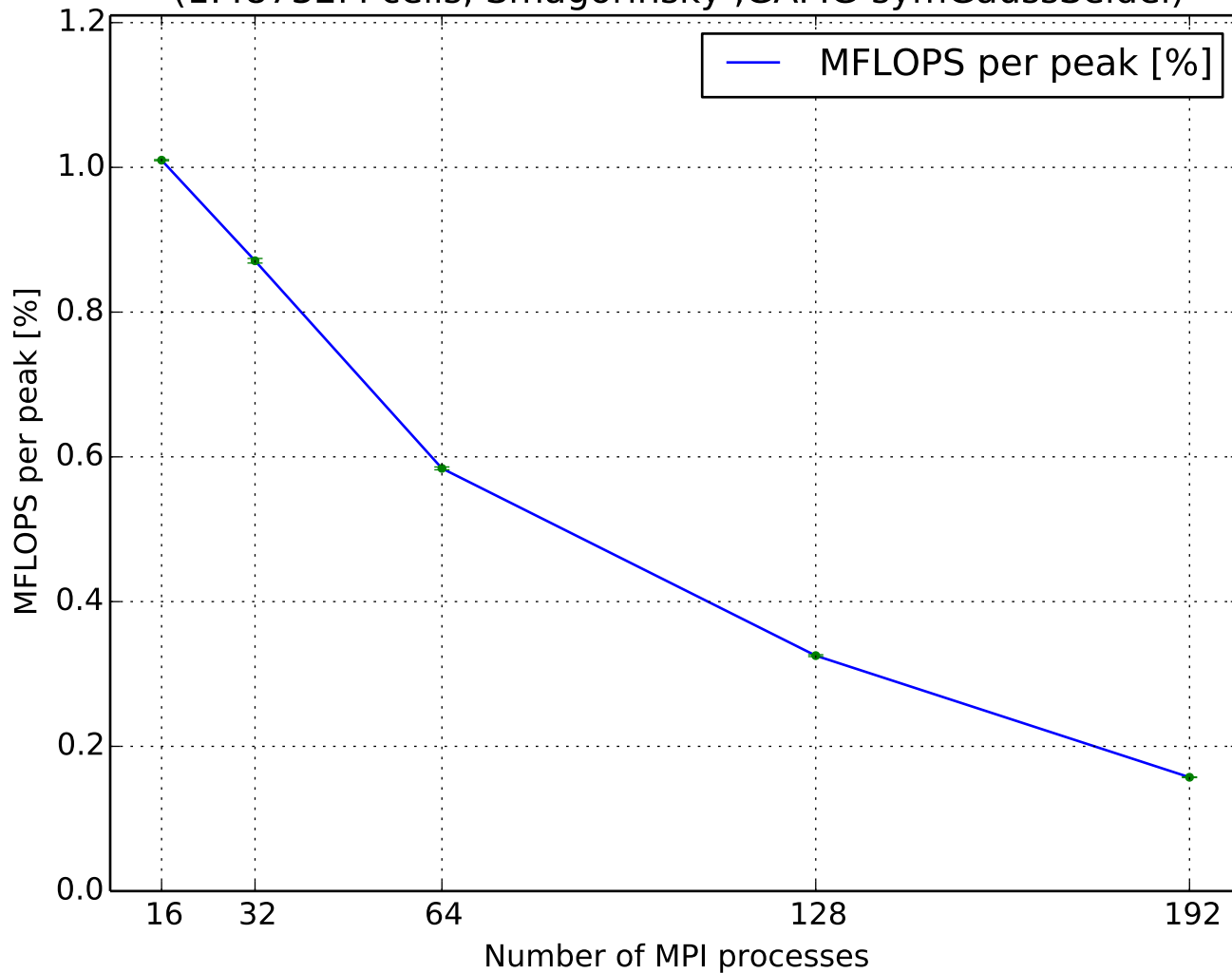
MFLOPS per peak
(1.48732M cells, Smagorinsky ,GAMG-GaussSeidel)



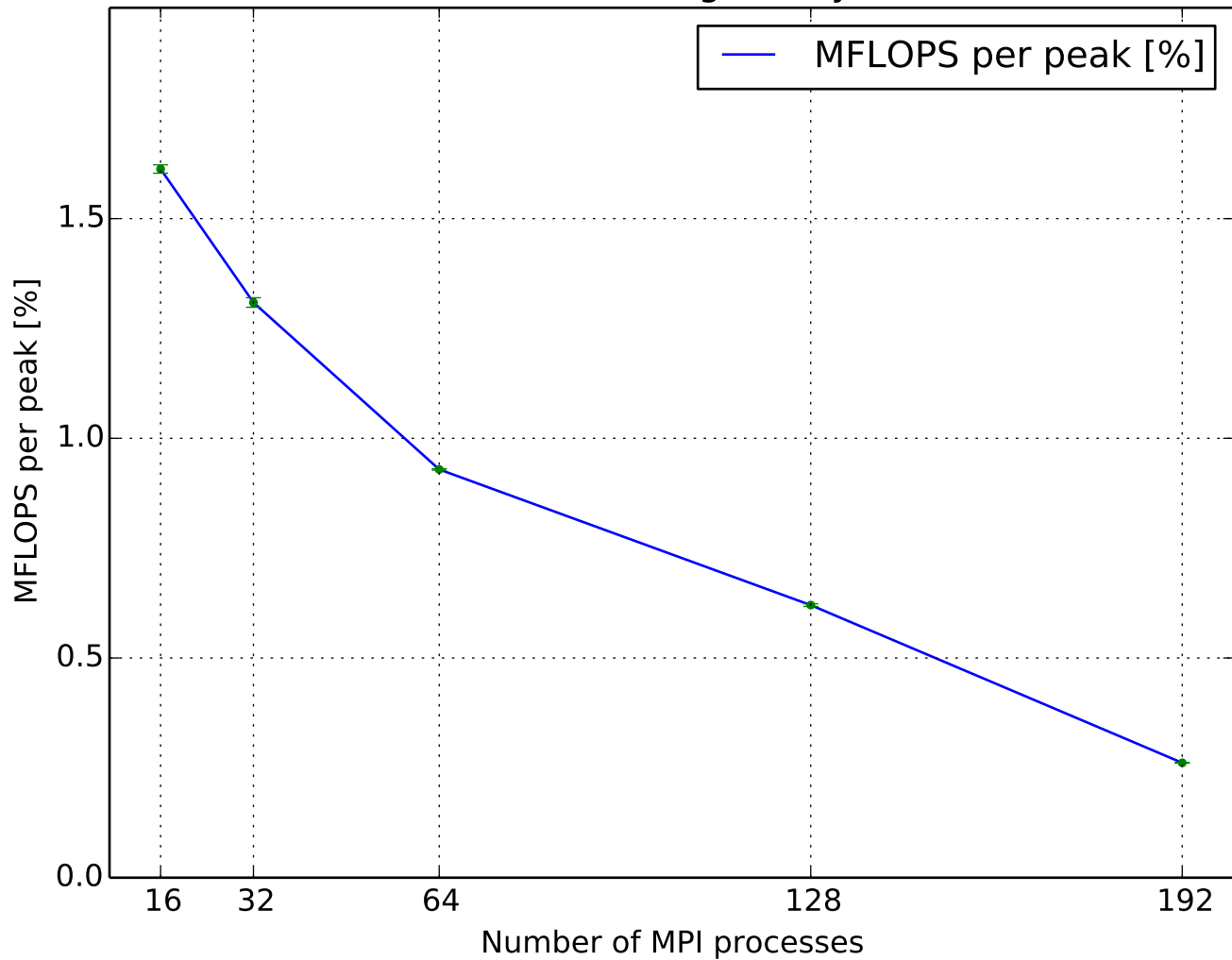
MFLOPS per peak
(1.48732M cells, Smagorinsky ,GAMG-nonBlockingGaussSeidel)



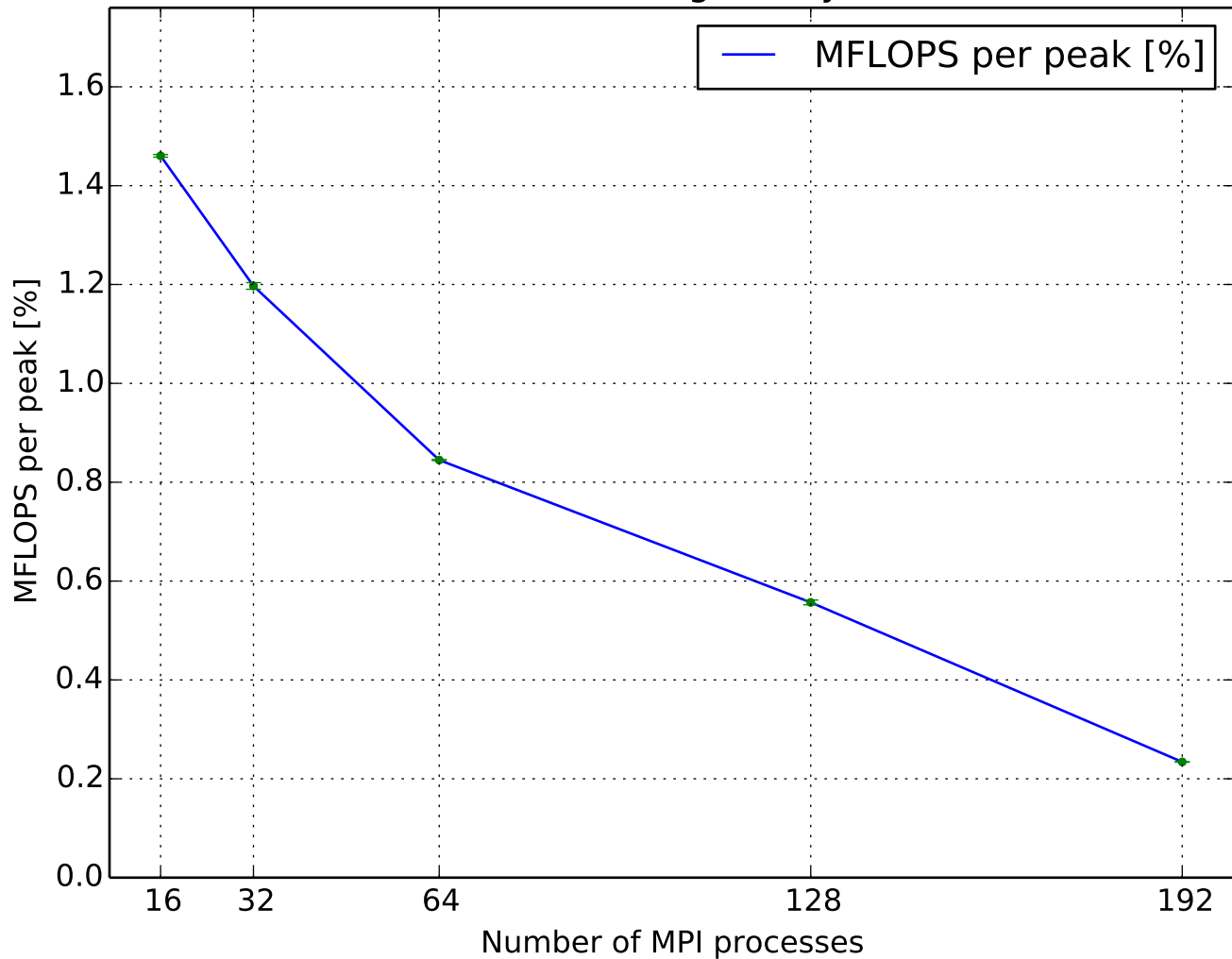
MFLOPS per peak
(1.48732M cells, Smagorinsky ,GAMG-symGaussSeidel)



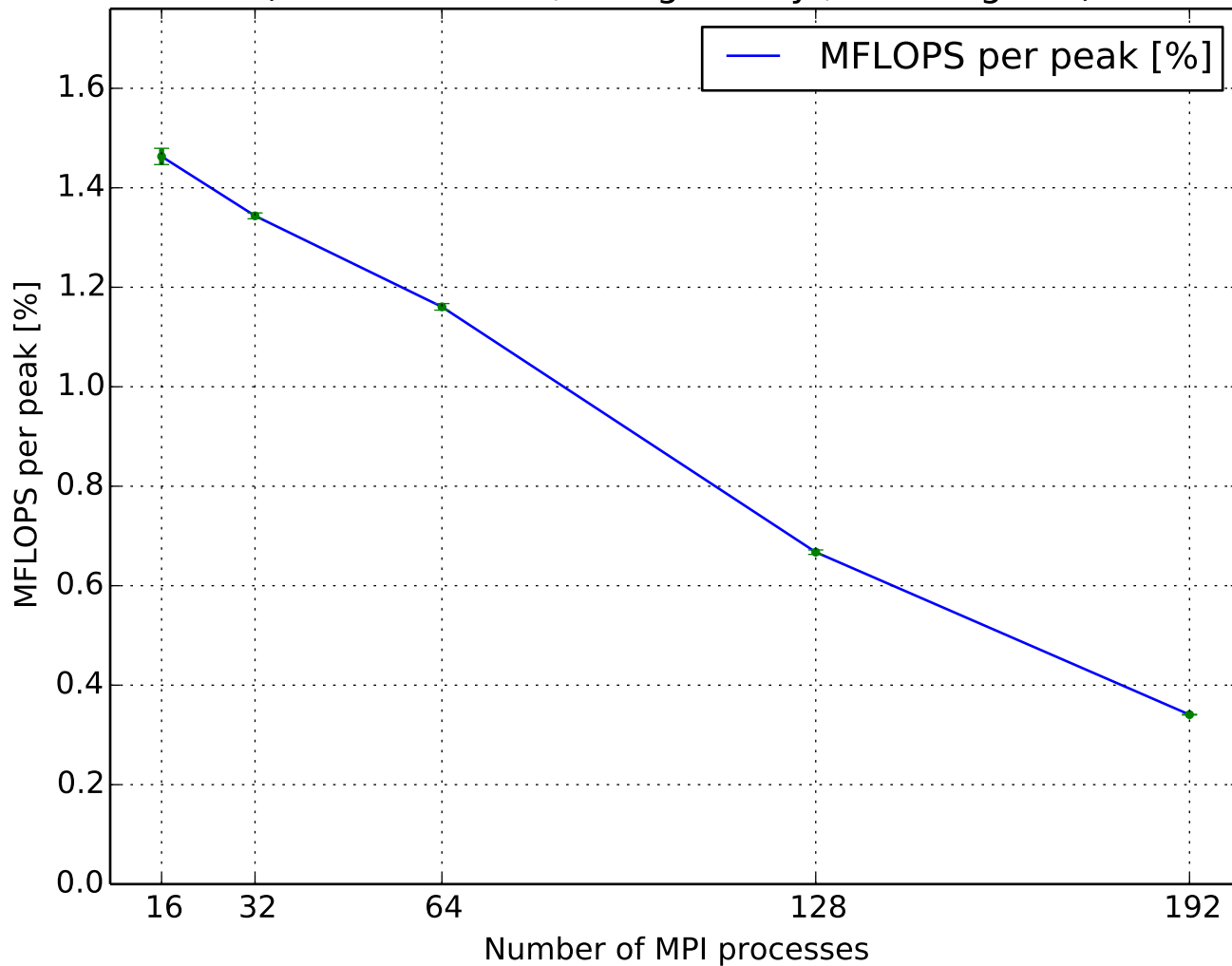
MFLOPS per peak
(1.48732M cells, Smagorinsky ,PCG-DIC)



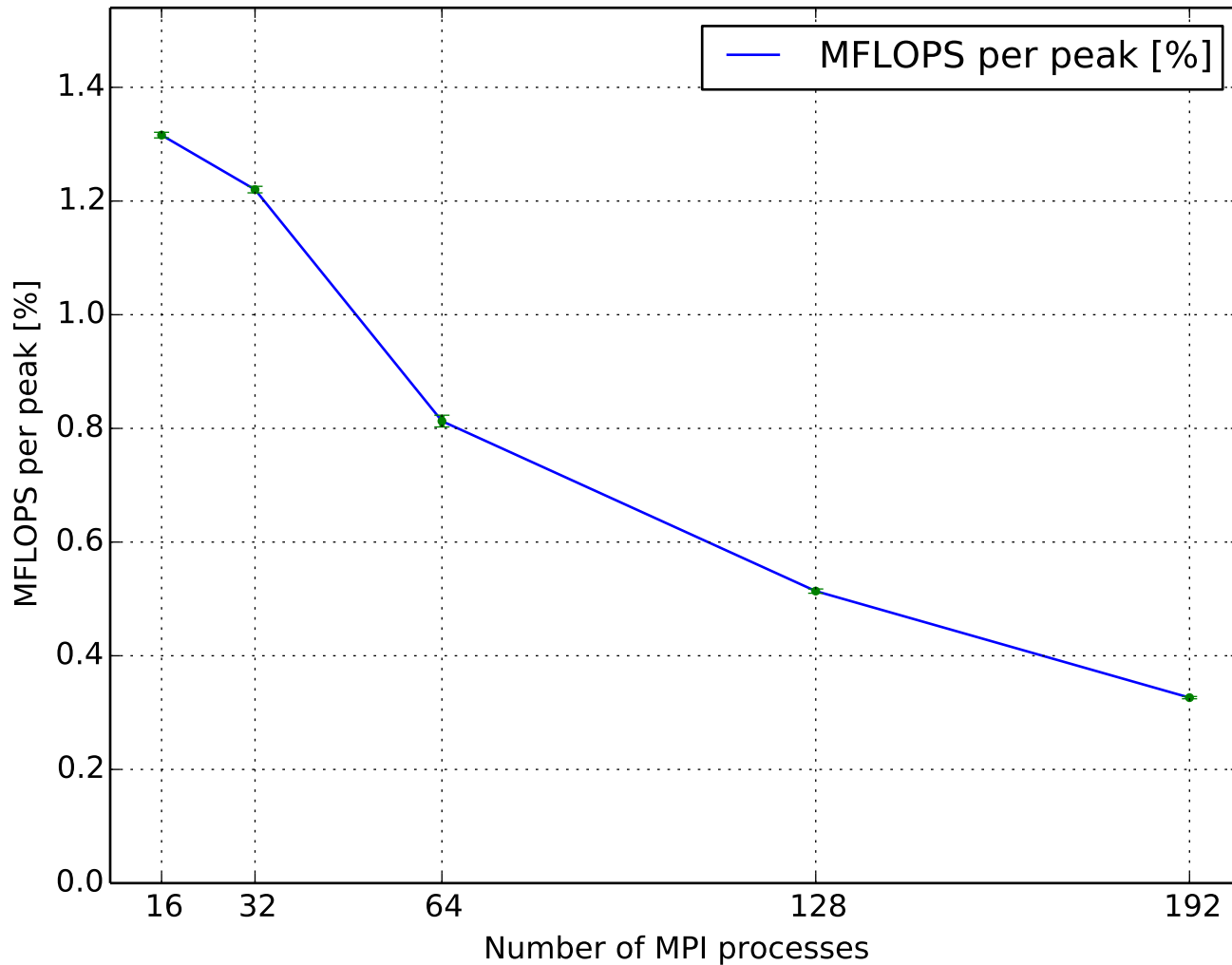
MFLOPS per peak
(1.48732M cells, Smagorinsky ,PCG-FDIC)



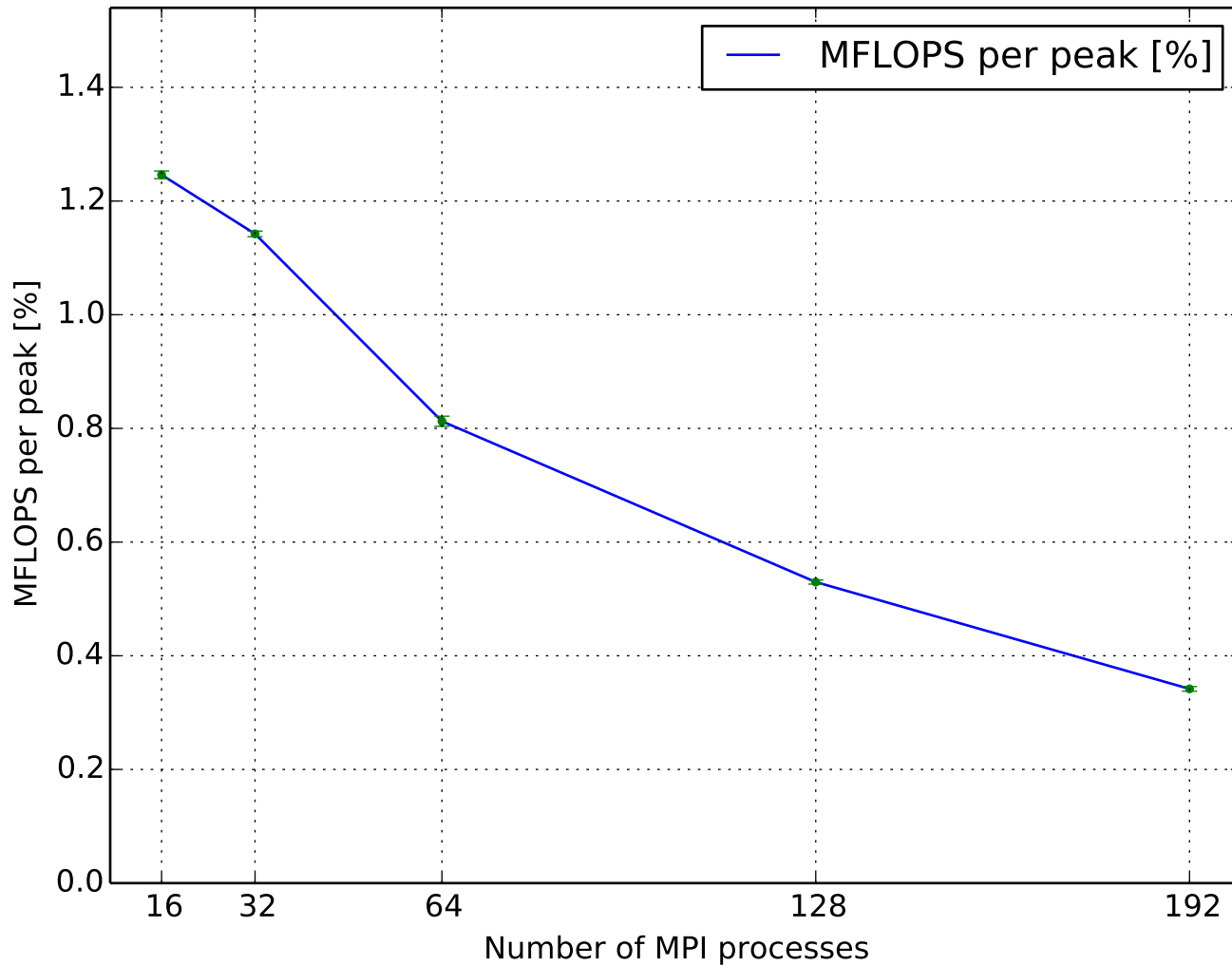
MFLOPS per peak
(1.48732M cells, Smagorinsky ,PCG-diagonal)



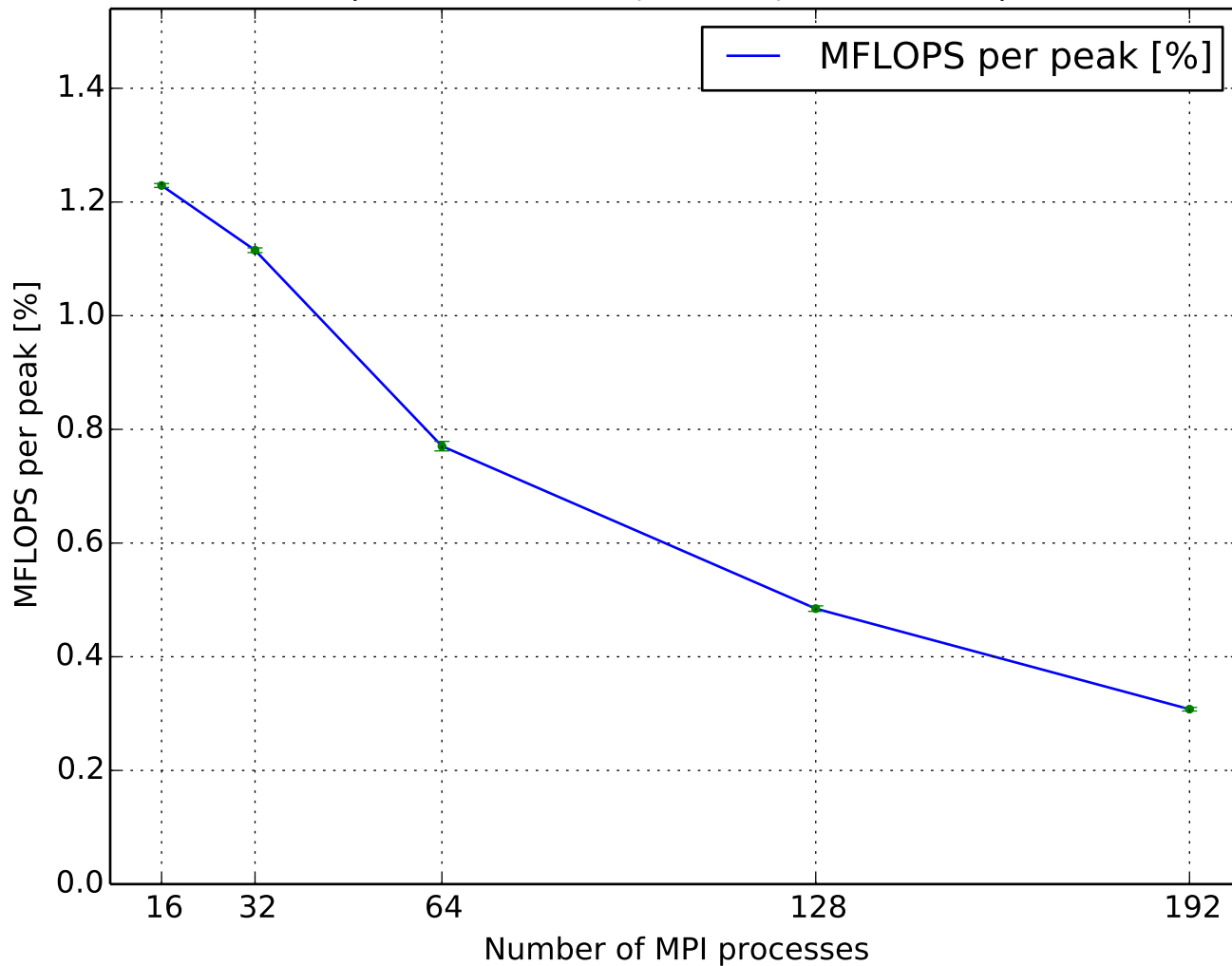
MFLOPS per peak
(1.48732M cells, WALE ,GAMG-DIC)



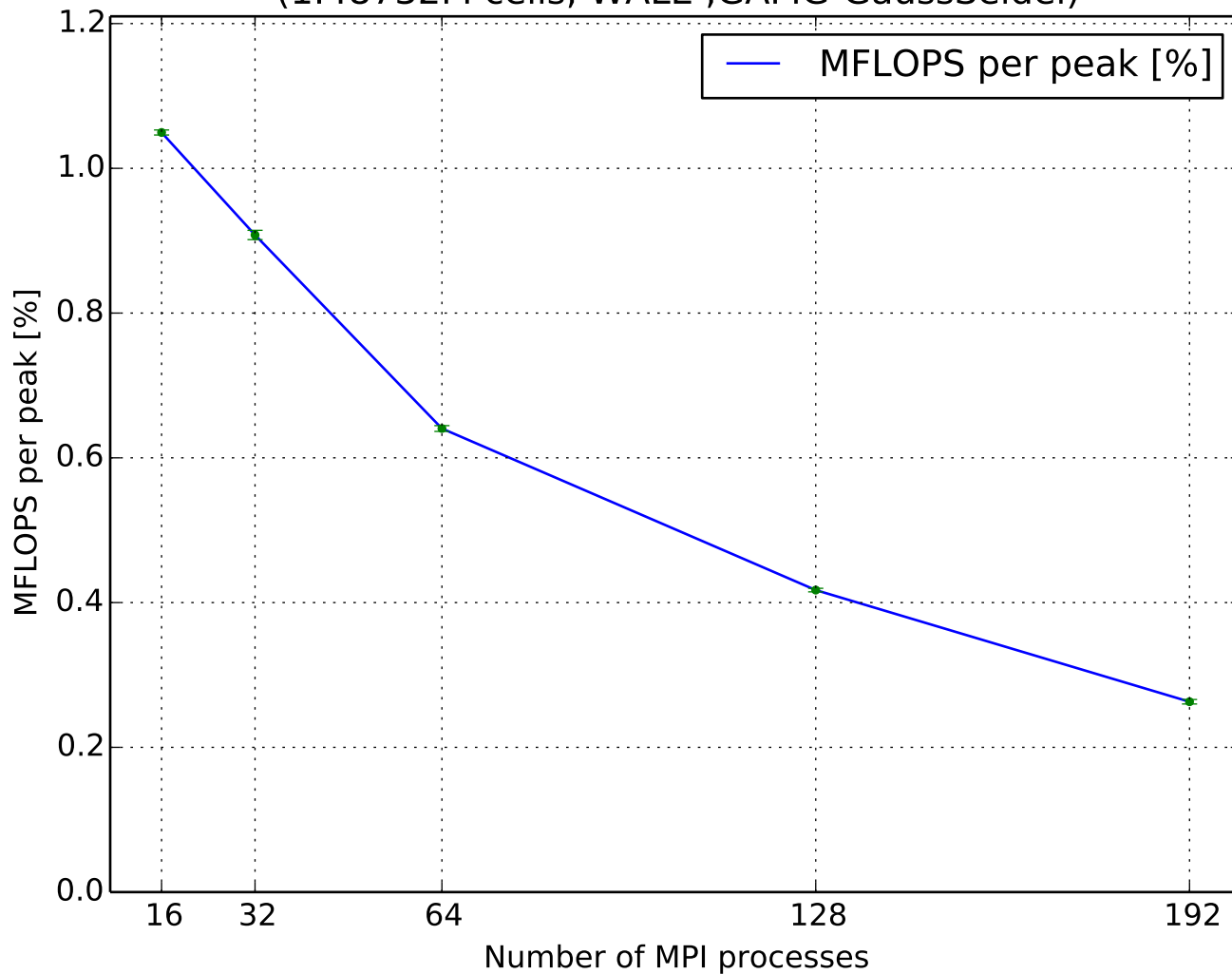
MFLOPS per peak
(1.48732M cells, WALE ,GAMG-DICGaussSeidel)



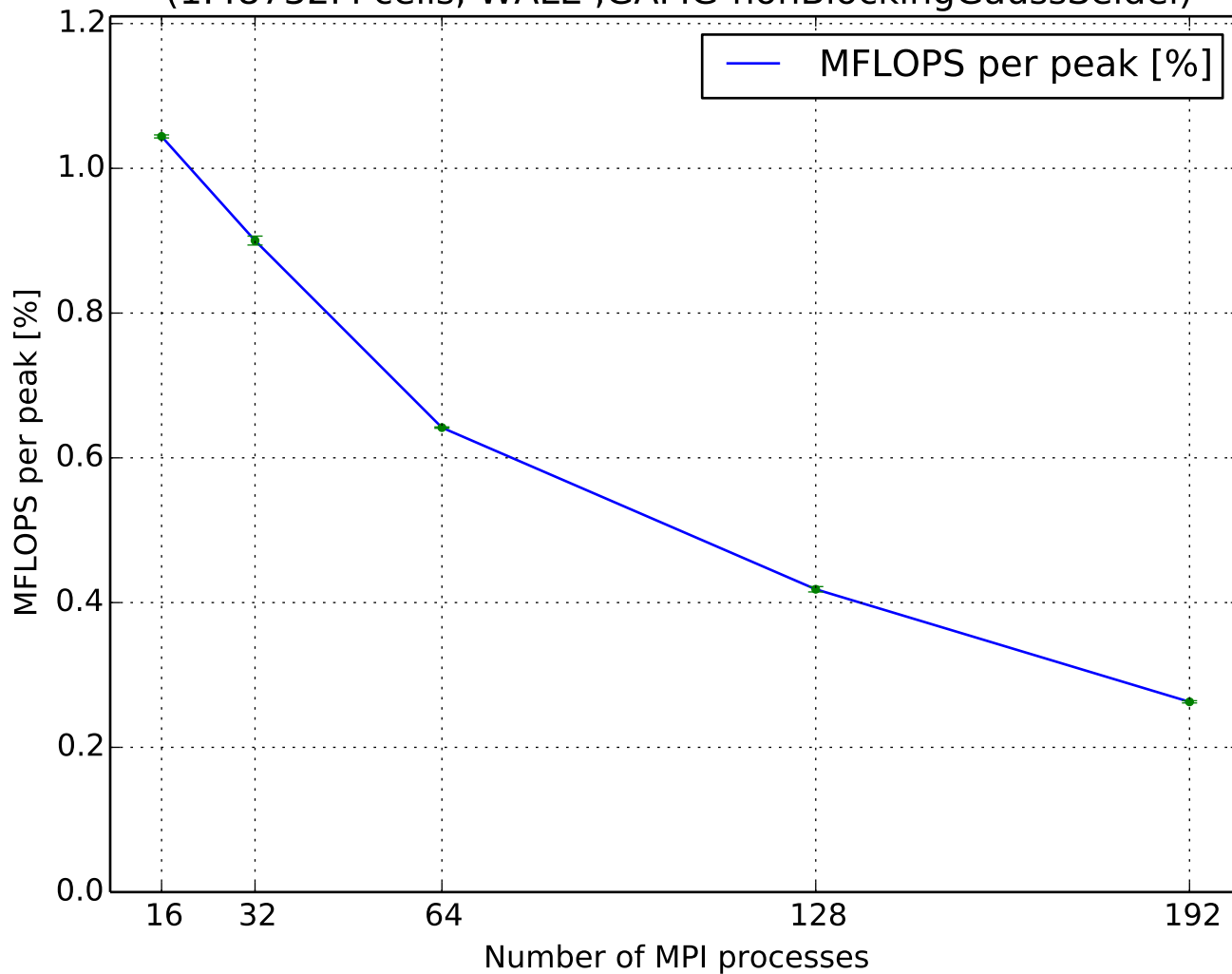
MFLOPS per peak
(1.48732M cells, WALE ,GAMG-FDIC)



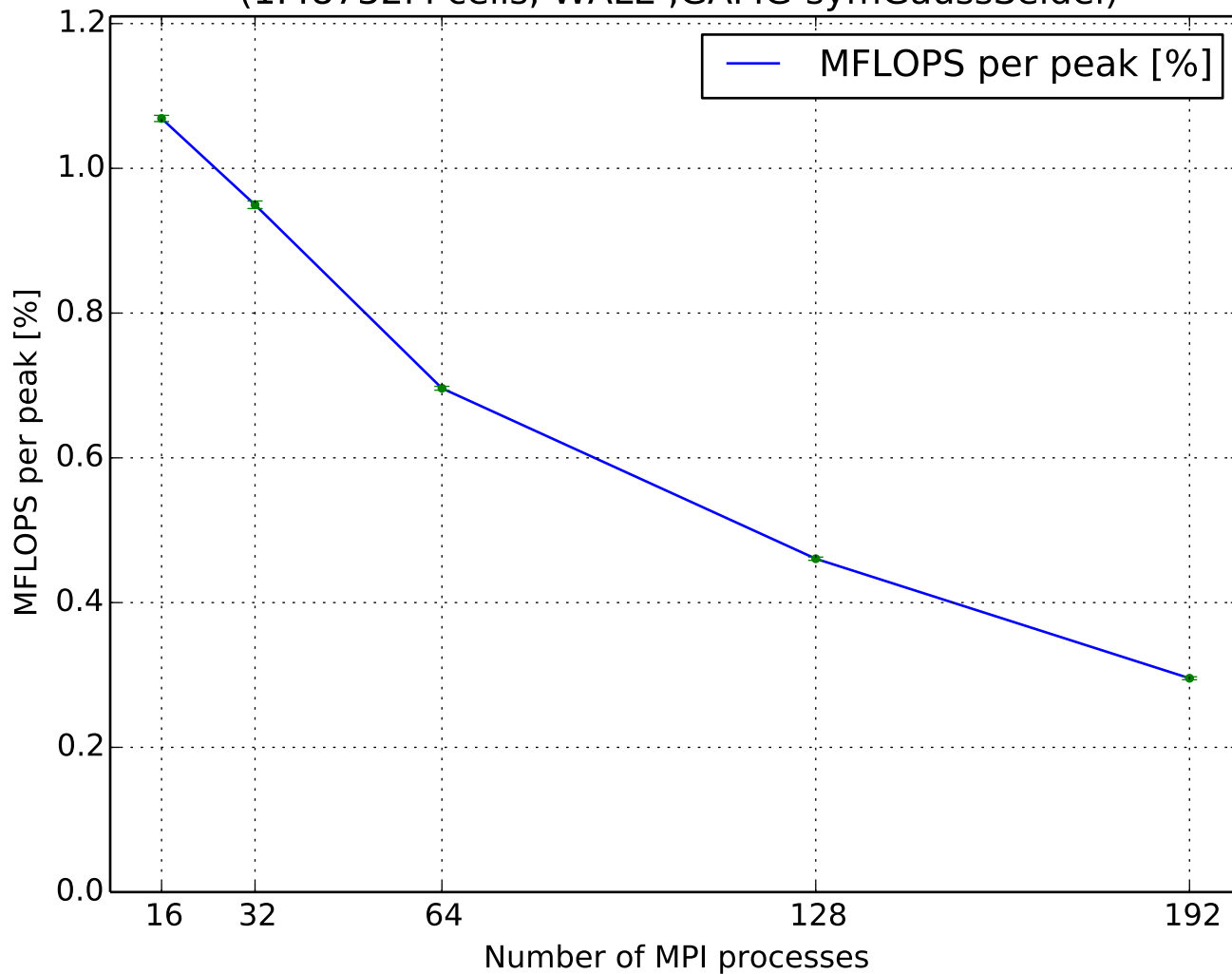
MFLOPS per peak
(1.48732M cells, WALE ,GAMG-GaussSeidel)



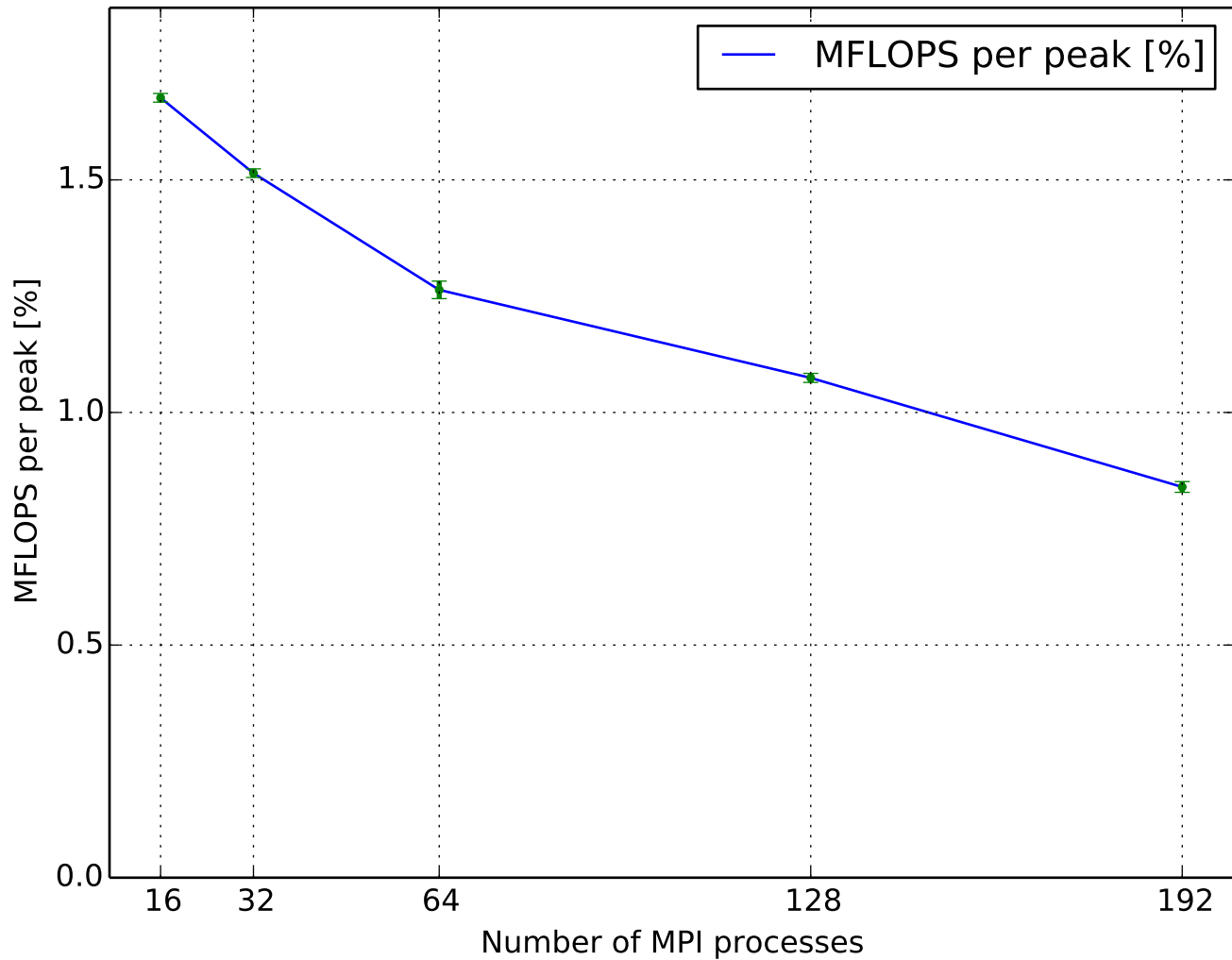
MFLOPS per peak
(1.48732M cells, WALE ,GAMG-nonBlockingGaussSeidel)



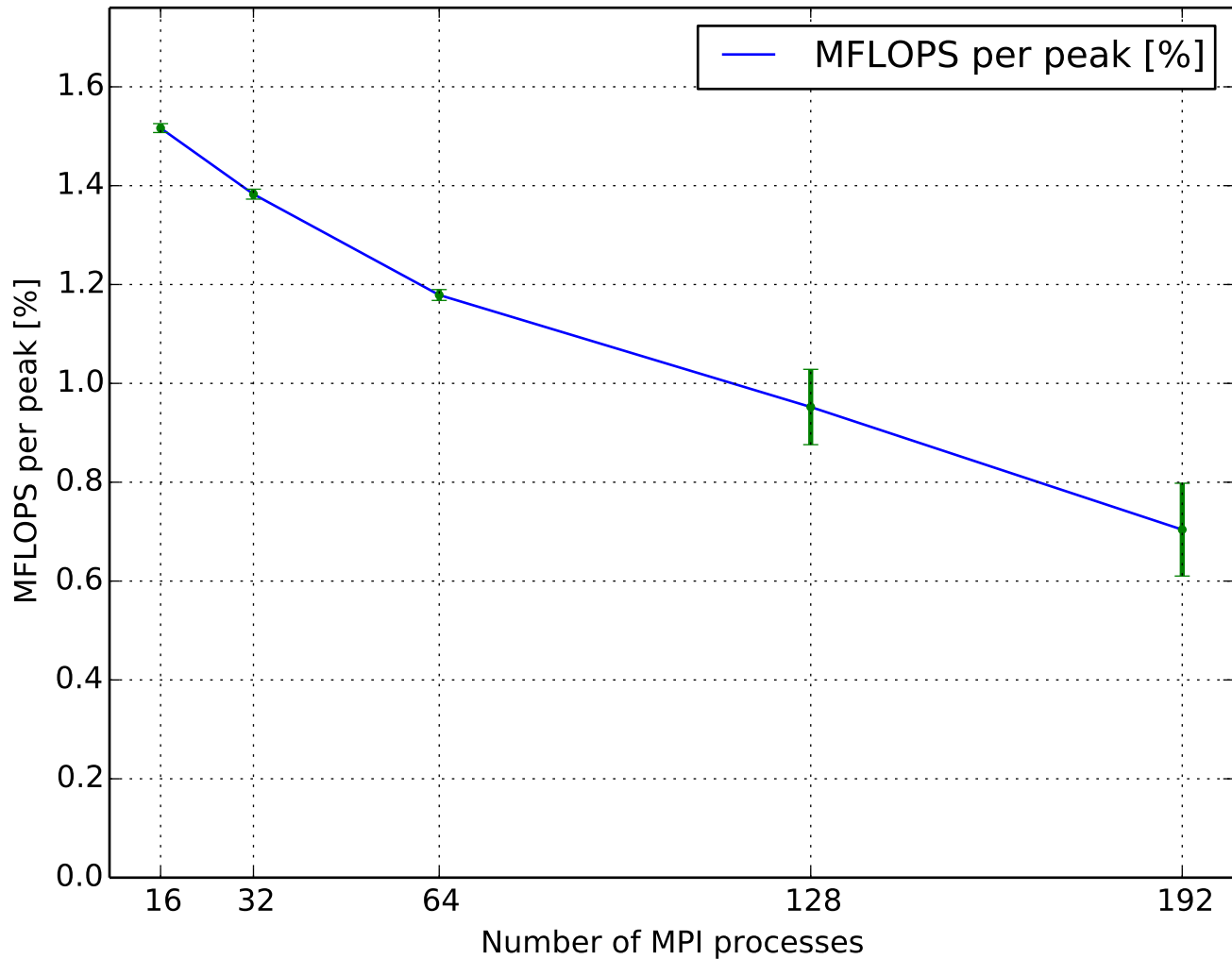
MFLOPS per peak
(1.48732M cells, WALE ,GAMG-symGaussSeidel)



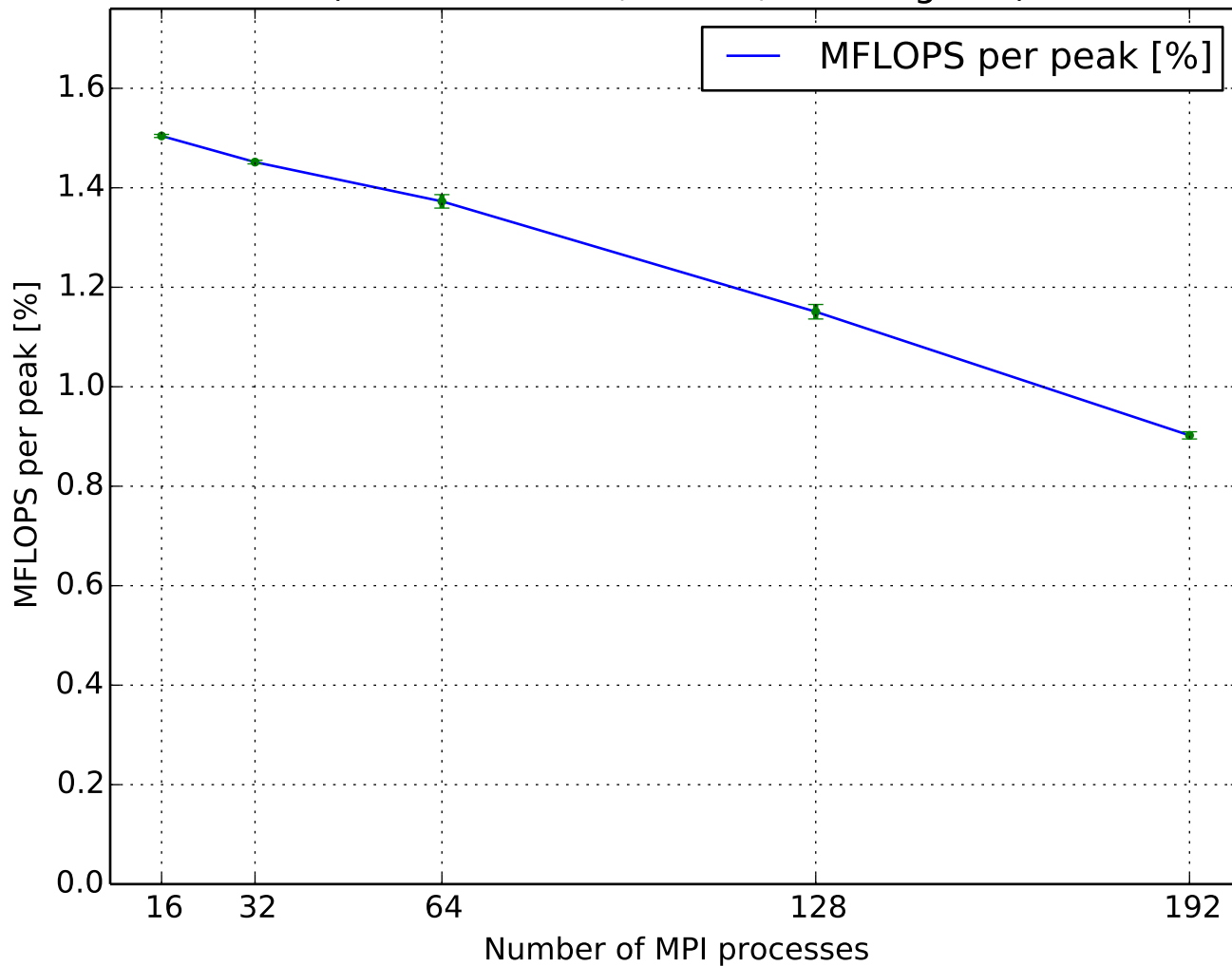
MFLOPS per peak
(1.48732M cells, WALE ,PCG-DIC)



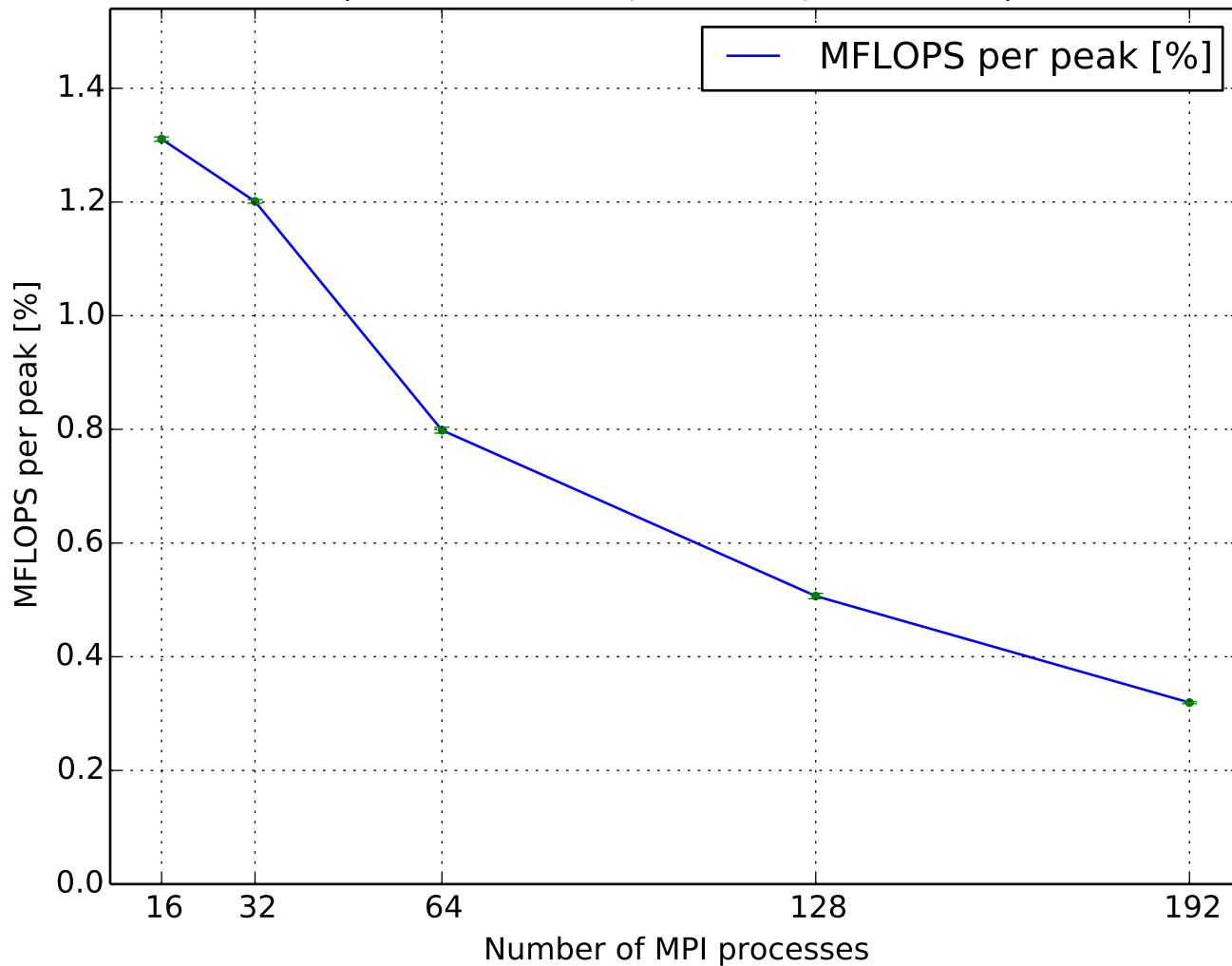
MFLOPS per peak
(1.48732M cells, WALE ,PCG-FDIC)



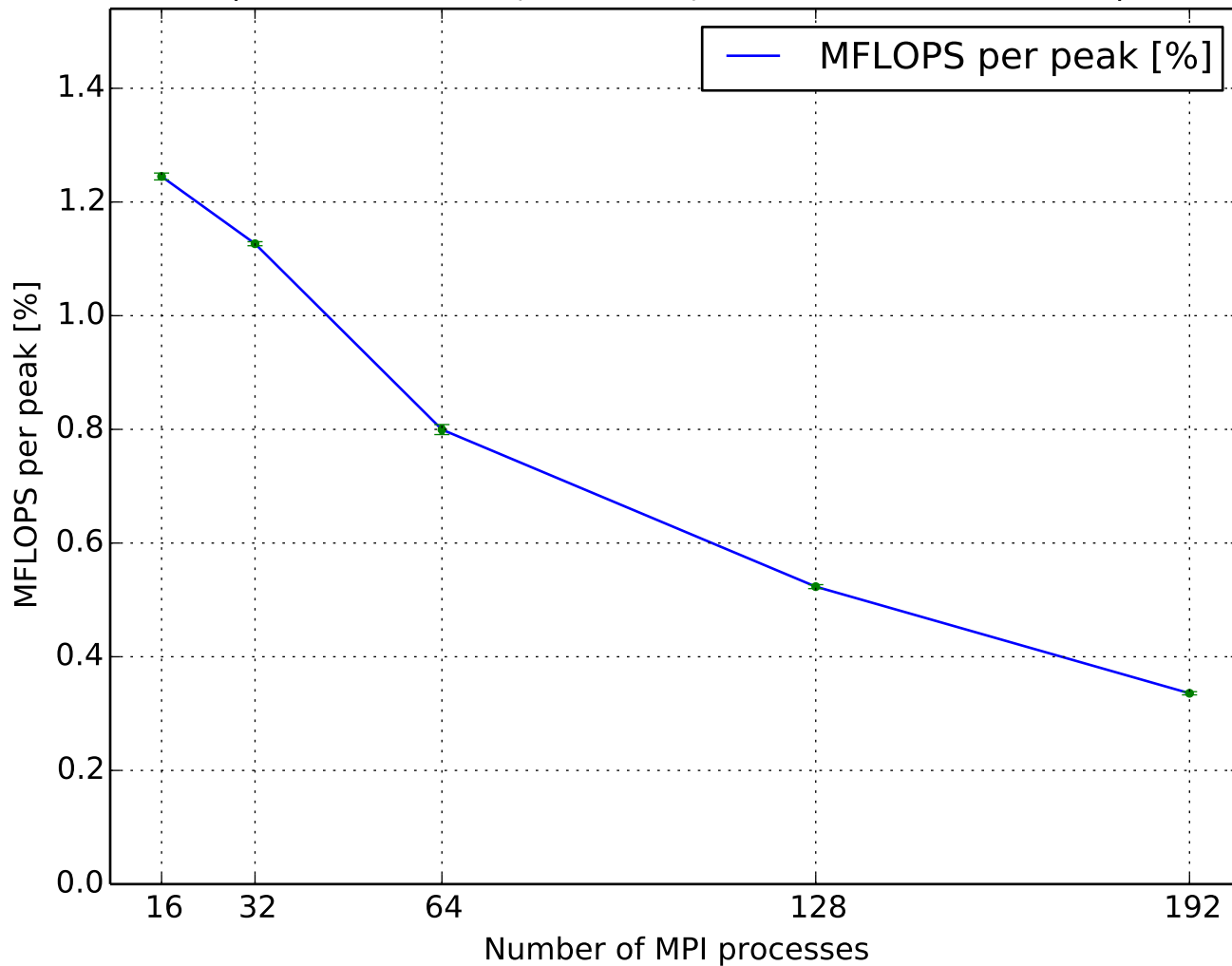
MFLOPS per peak
(1.48732M cells, WALE ,PCG-diagonal)



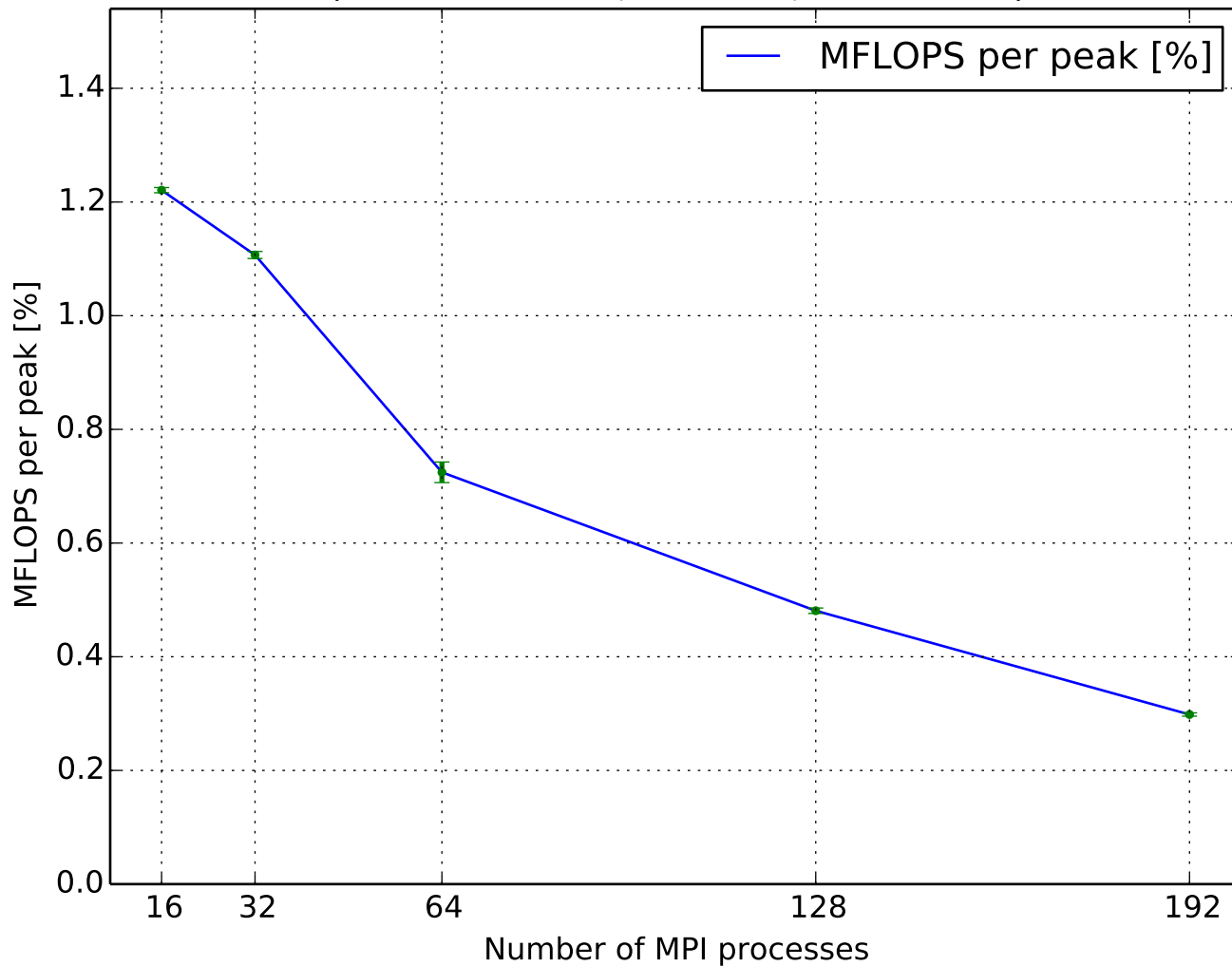
MFLOPS per peak
(1.48732M cells, laminar ,GAMG-DIC)



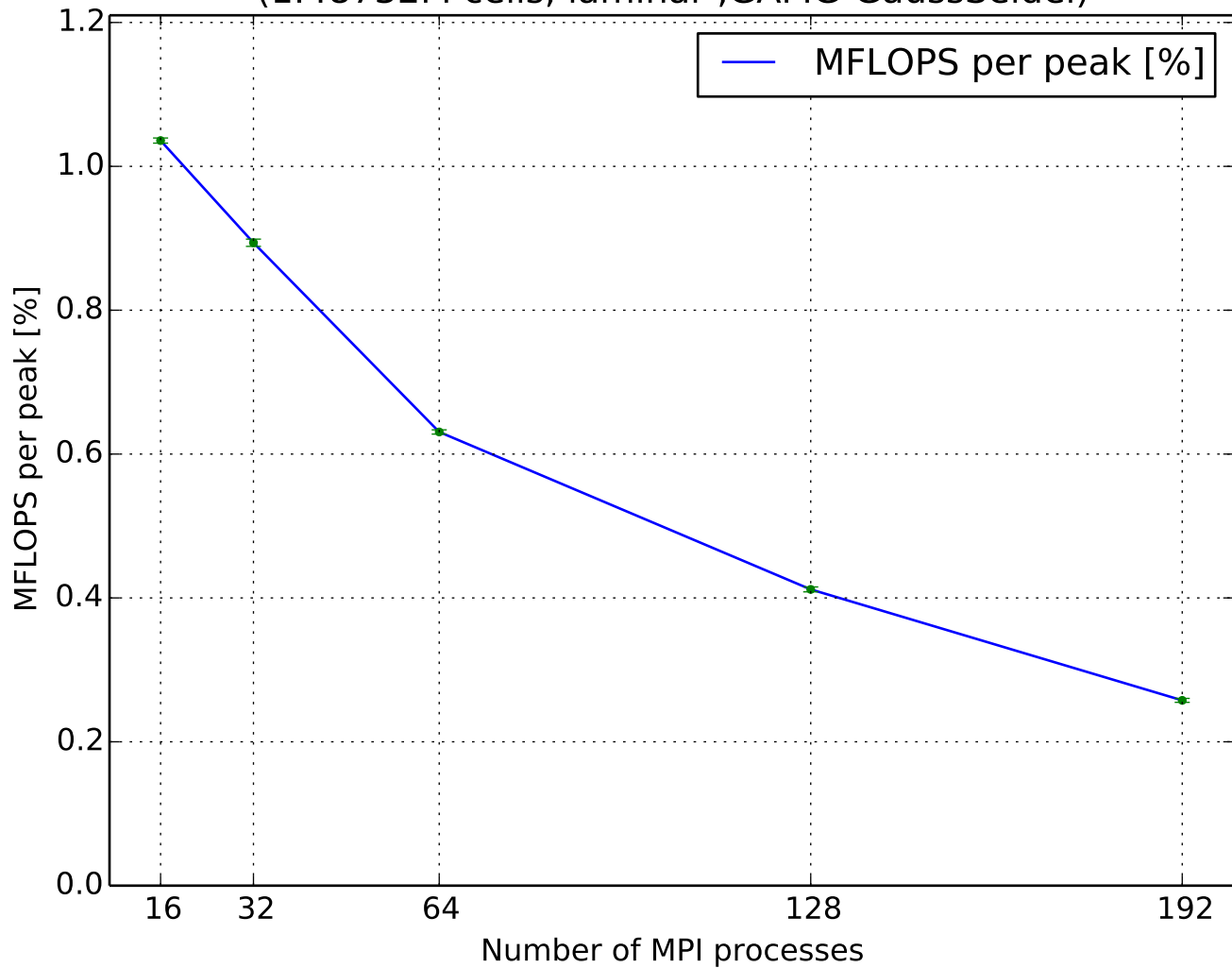
MFLOPS per peak
(1.48732M cells, laminar ,GAMG-DICGaussSeidel)



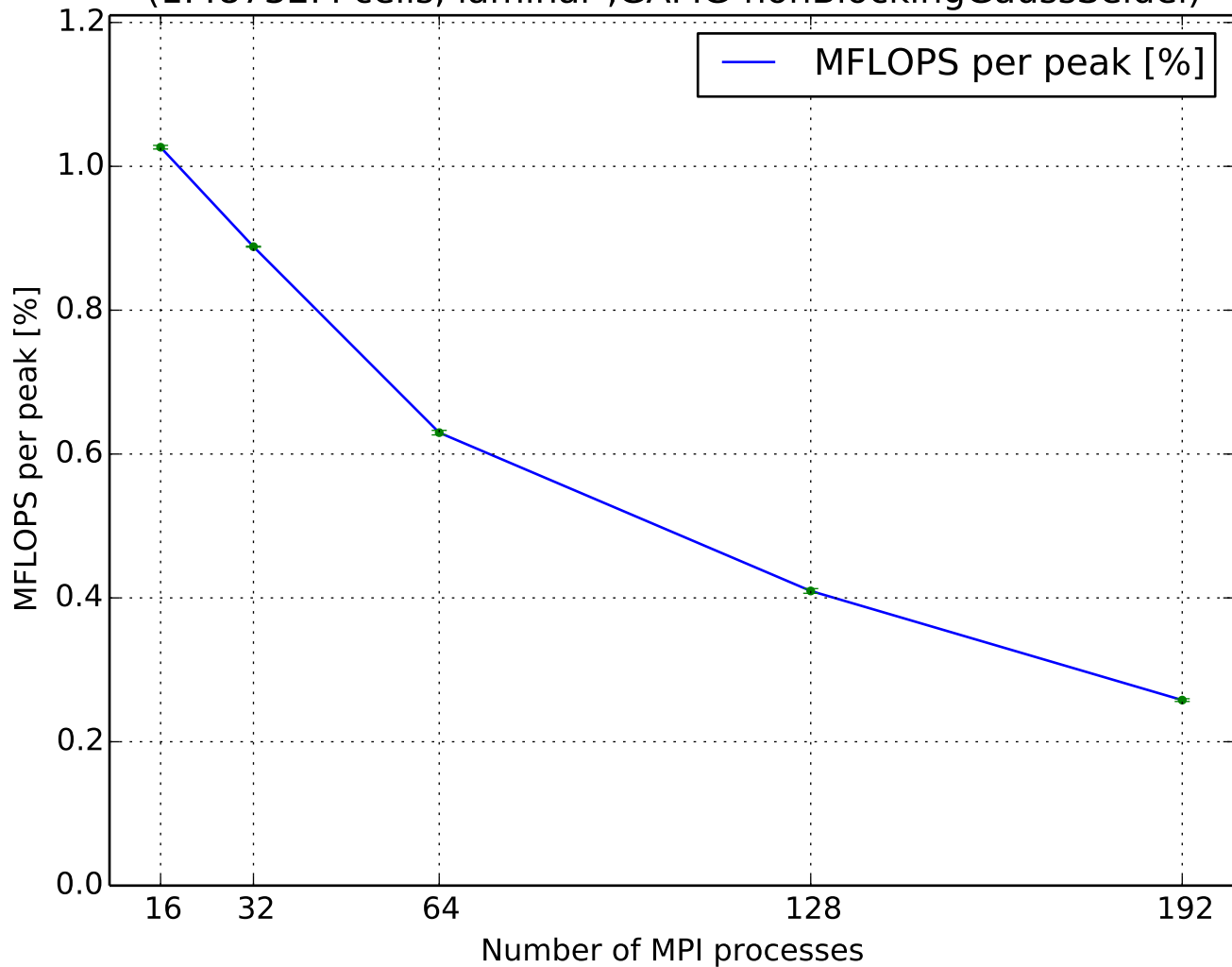
MFLOPS per peak
(1.48732M cells, laminar ,GAMG-FDIC)



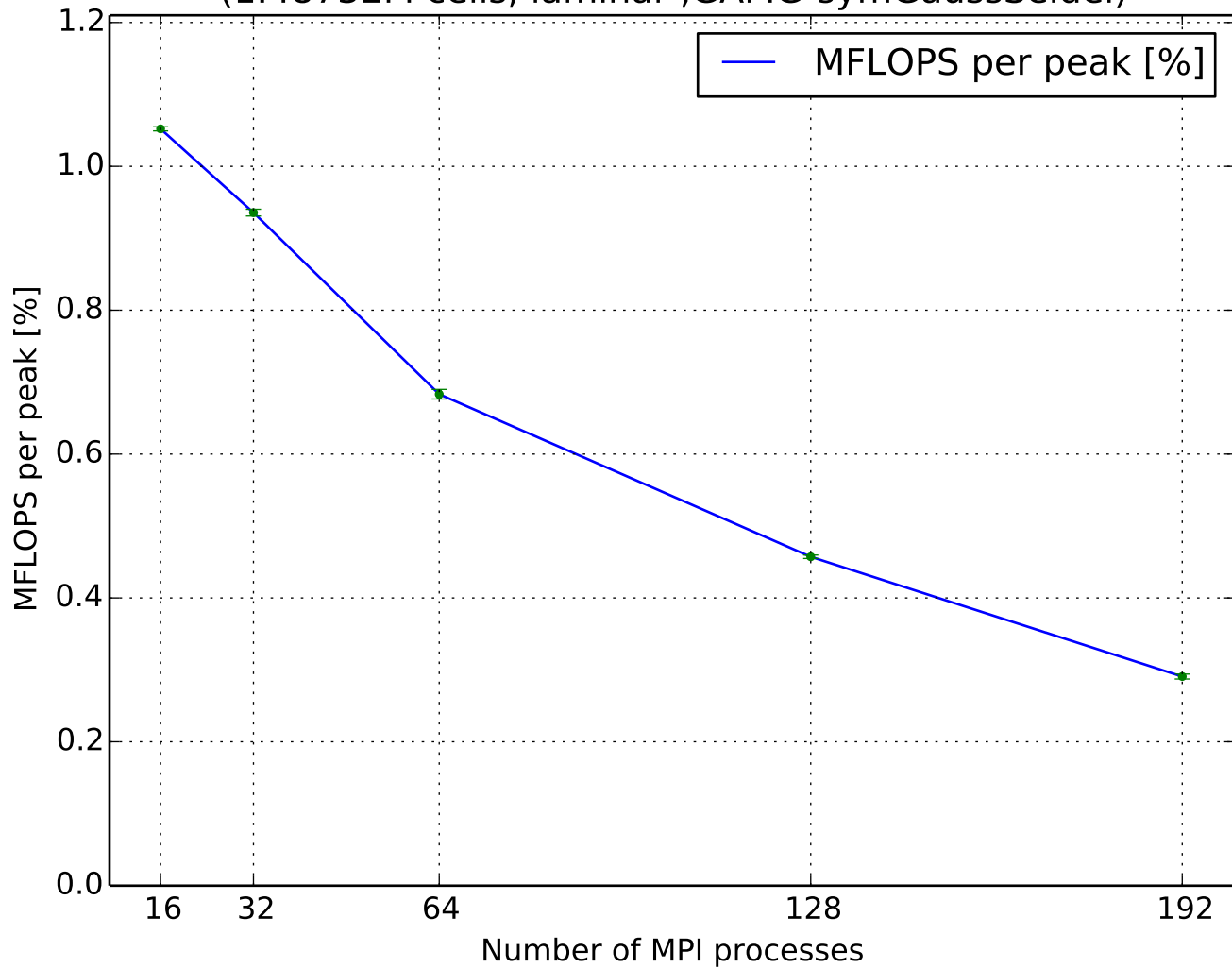
MFLOPS per peak
(1.48732M cells, laminar ,GAMG-GaussSeidel)



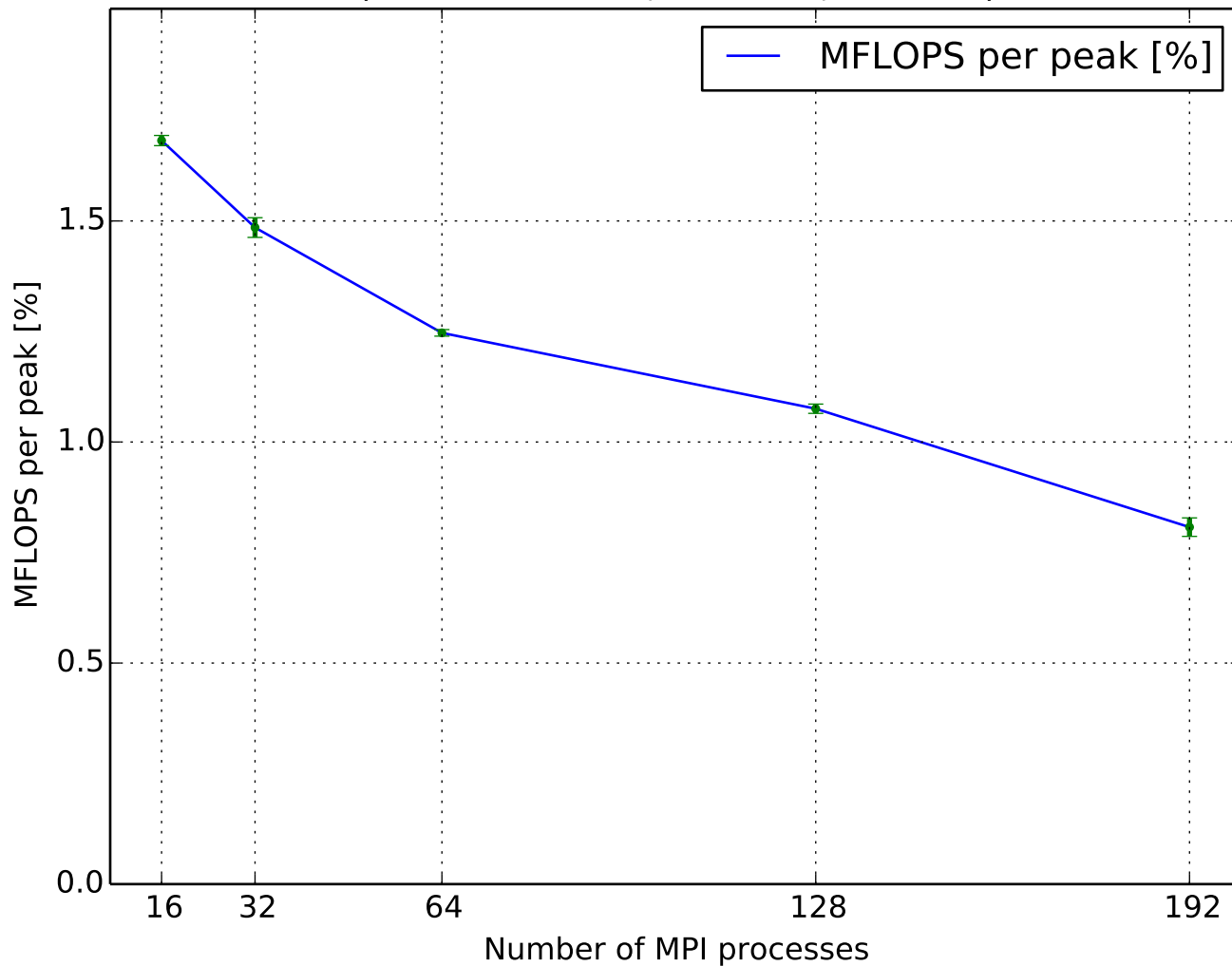
MFLOPS per peak
(1.48732M cells, laminar ,GAMG-nonBlockingGaussSeidel)



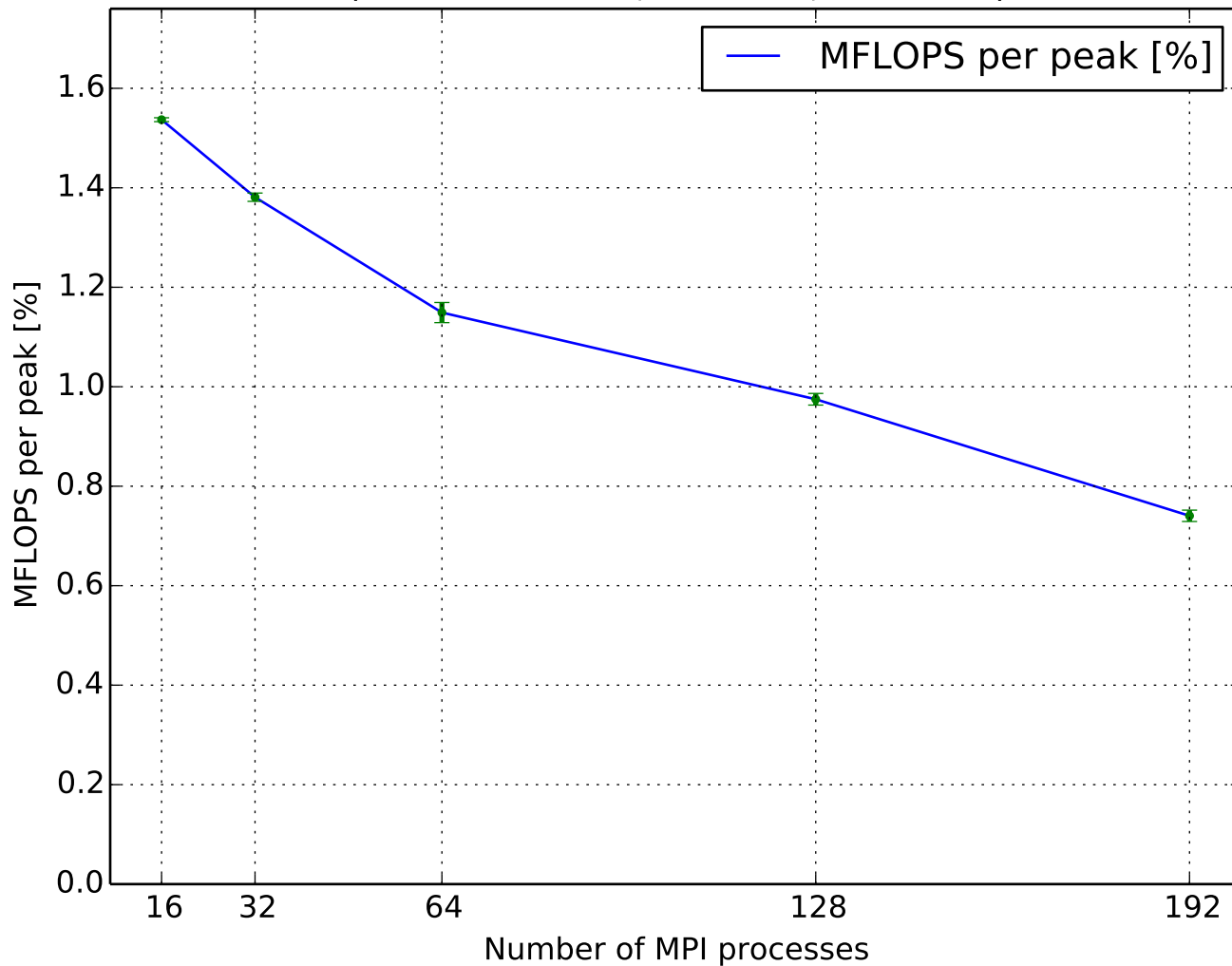
MFLOPS per peak
(1.48732M cells, laminar ,GAMG-symGaussSeidel)



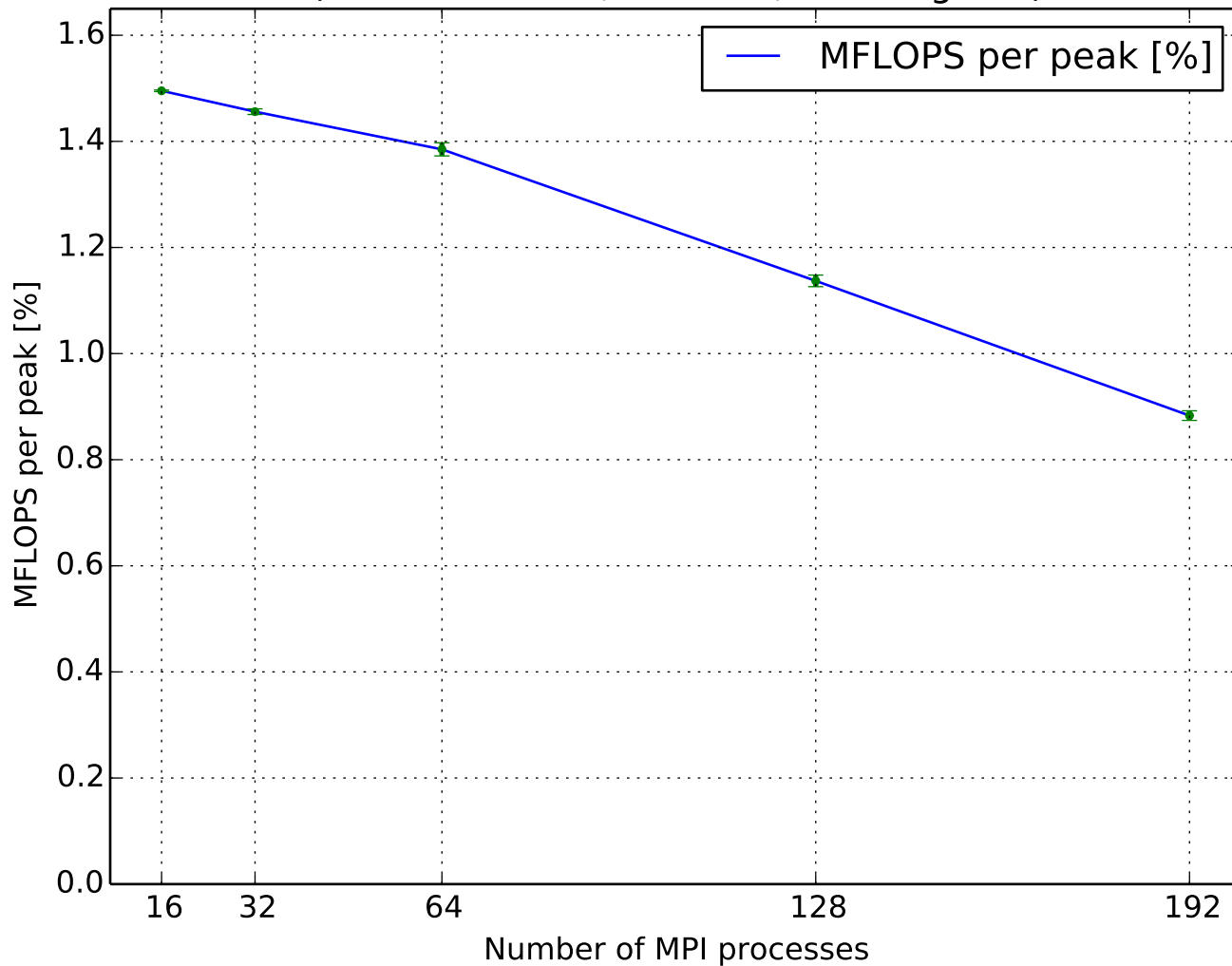
MFLOPS per peak
(1.48732M cells, laminar ,PCG-DIC)



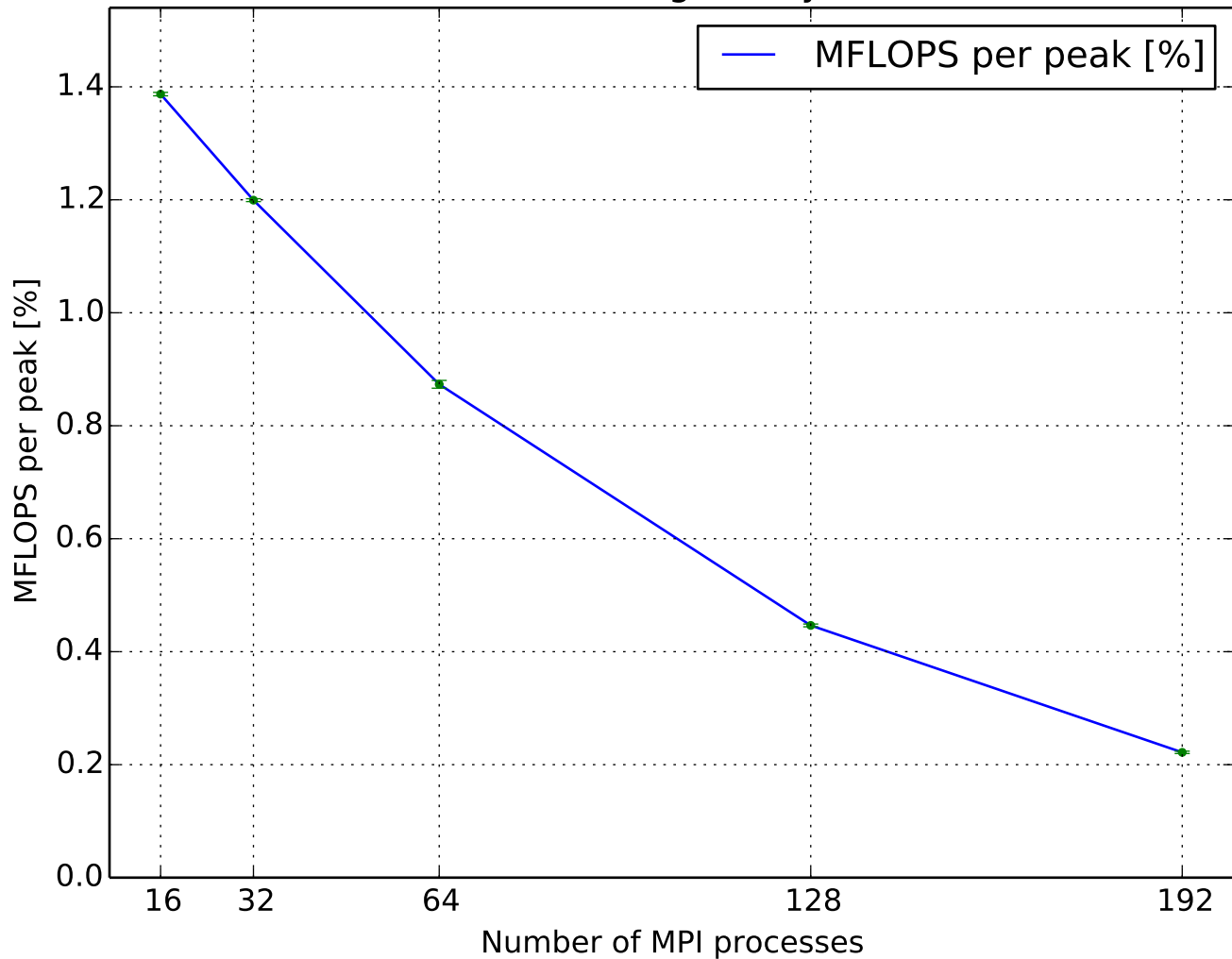
MFLOPS per peak
(1.48732M cells, laminar ,PCG-FDIC)



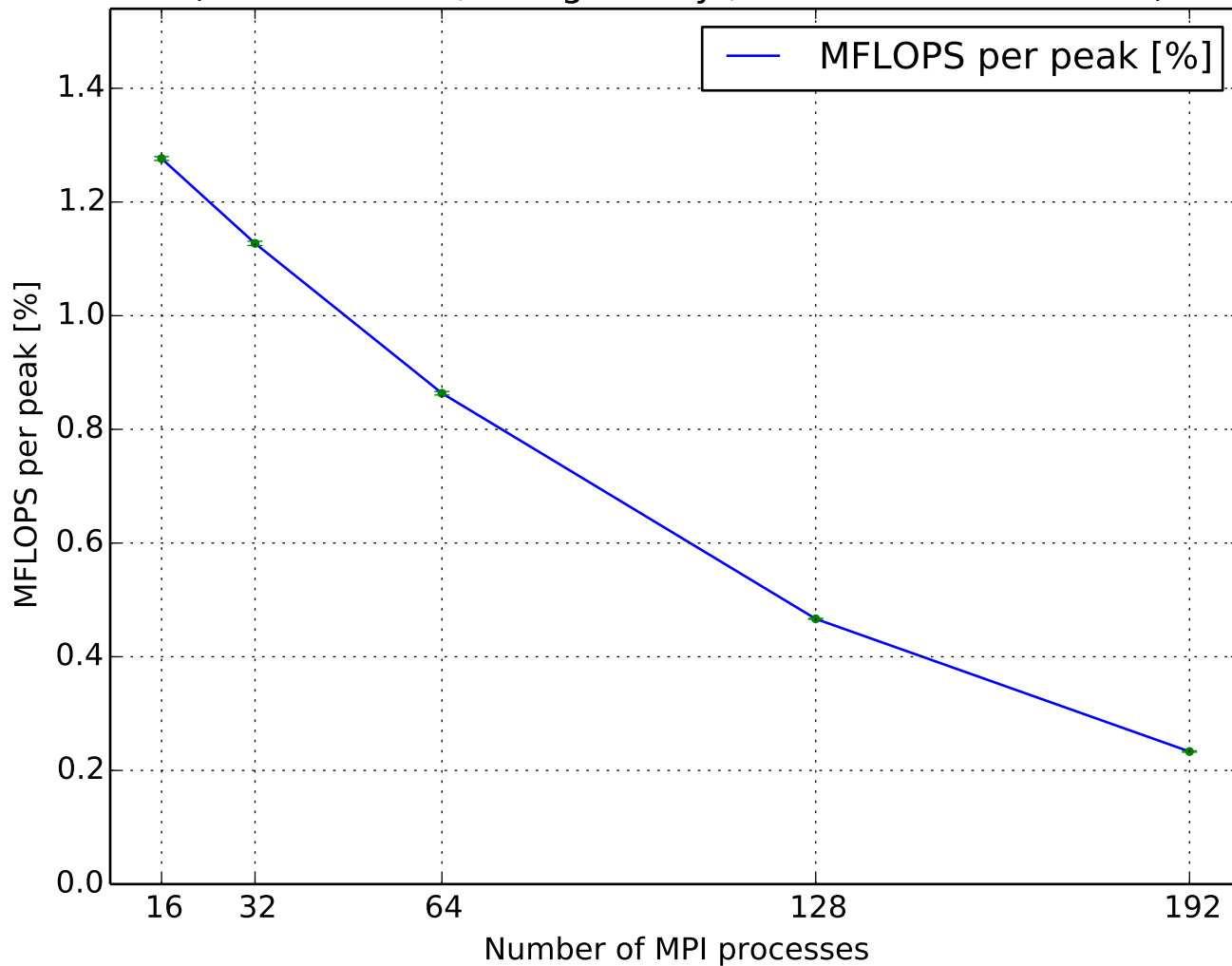
MFLOPS per peak
(1.48732M cells, laminar ,PCG-diagonal)



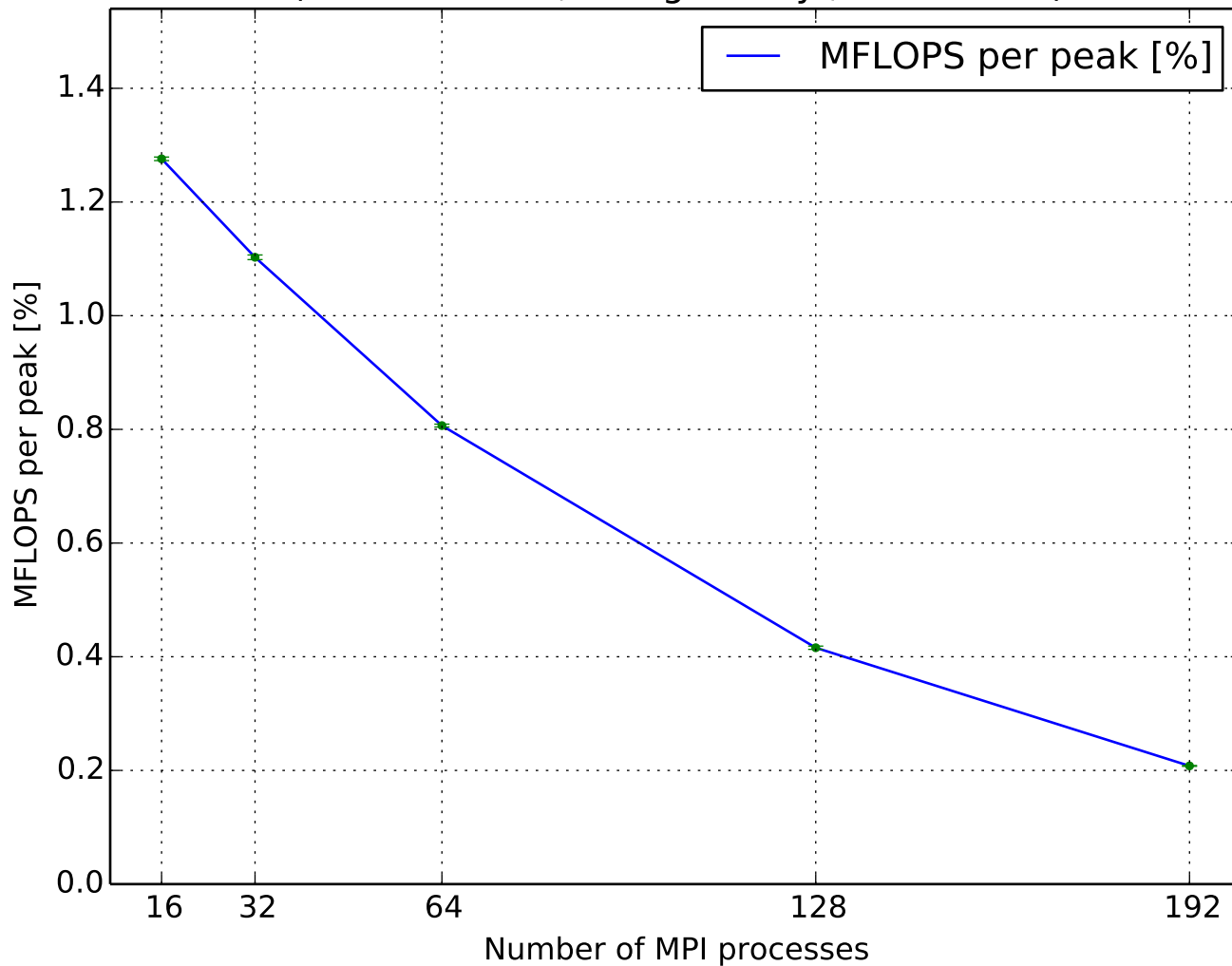
MFLOPS per peak
(2.9952M cells, Smagorinsky ,GAMG-DIC)



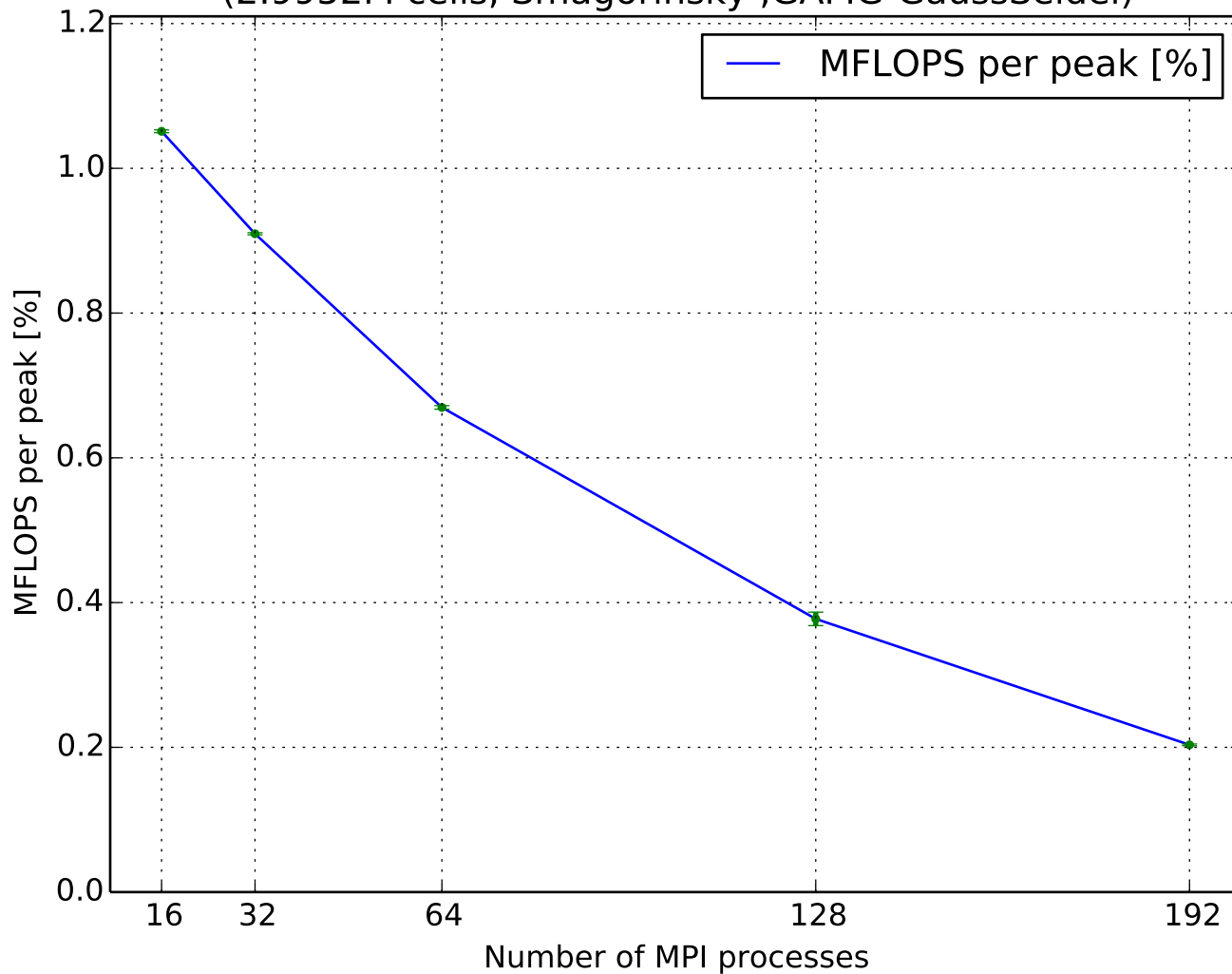
MFLOPS per peak
(2.9952M cells, Smagorinsky ,GAMG-DICGaussSeidel)



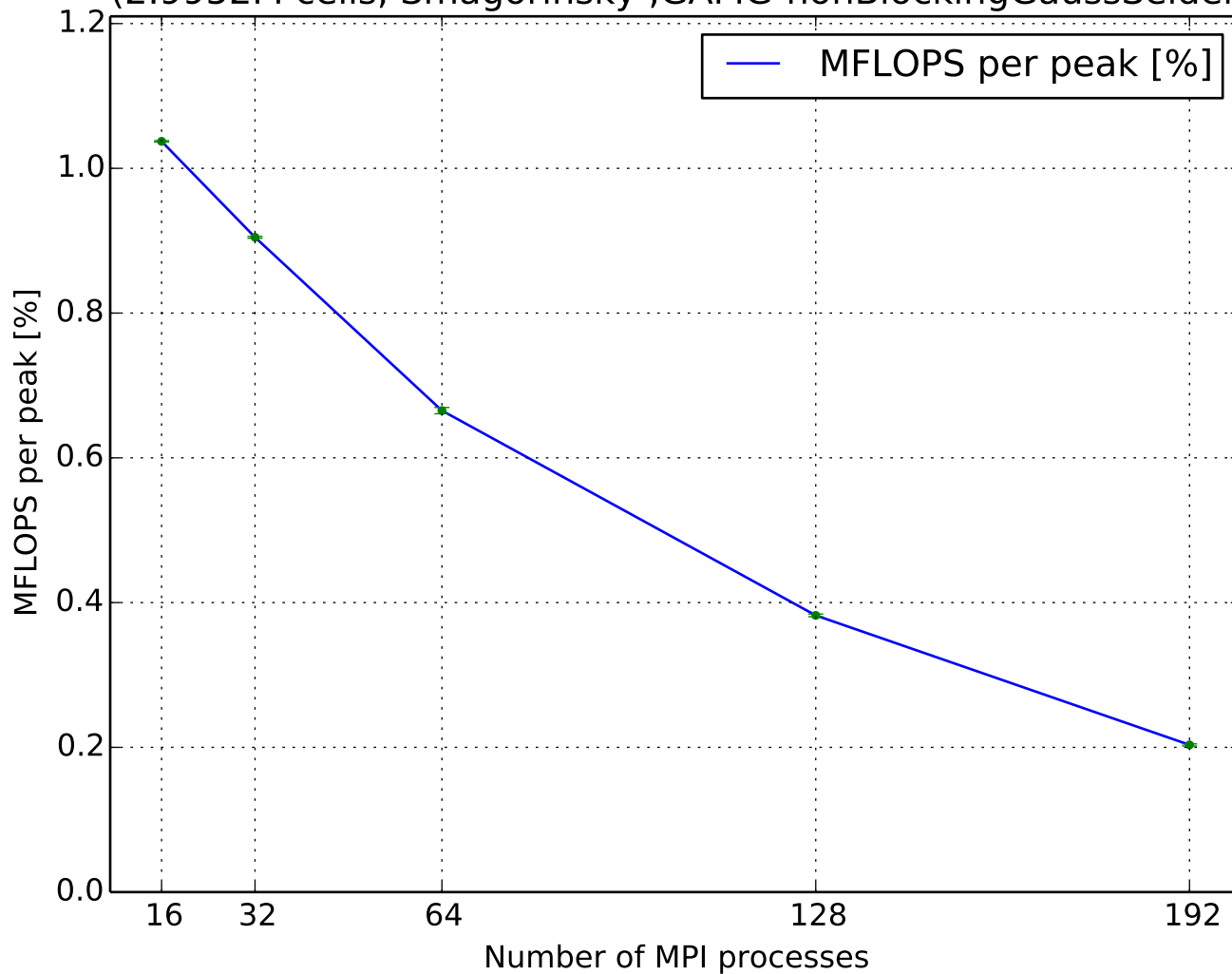
MFLOPS per peak
(2.9952M cells, Smagorinsky ,GAMG-FDIC)



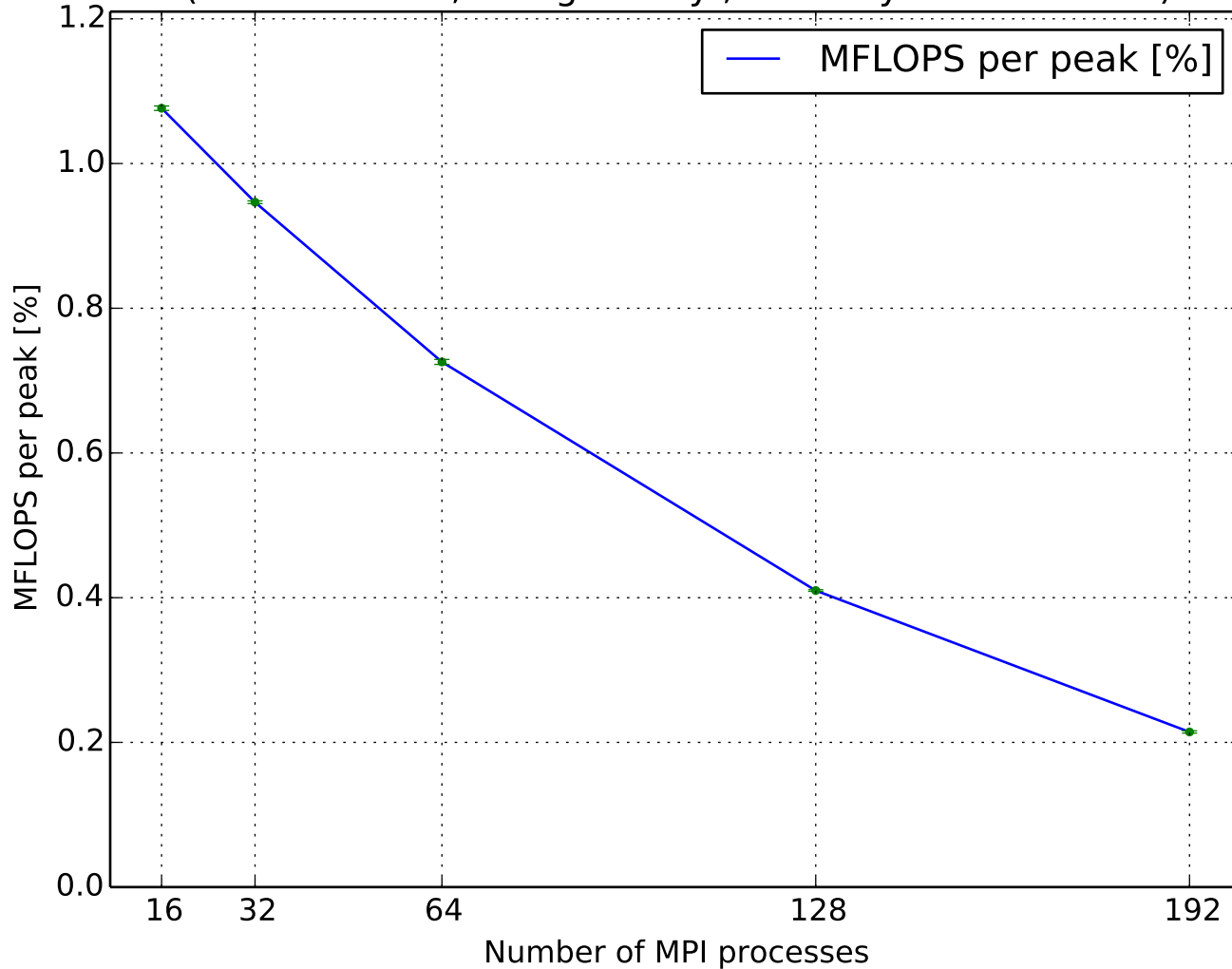
MFLOPS per peak
(2.9952M cells, Smagorinsky ,GAMG-GaussSeidel)



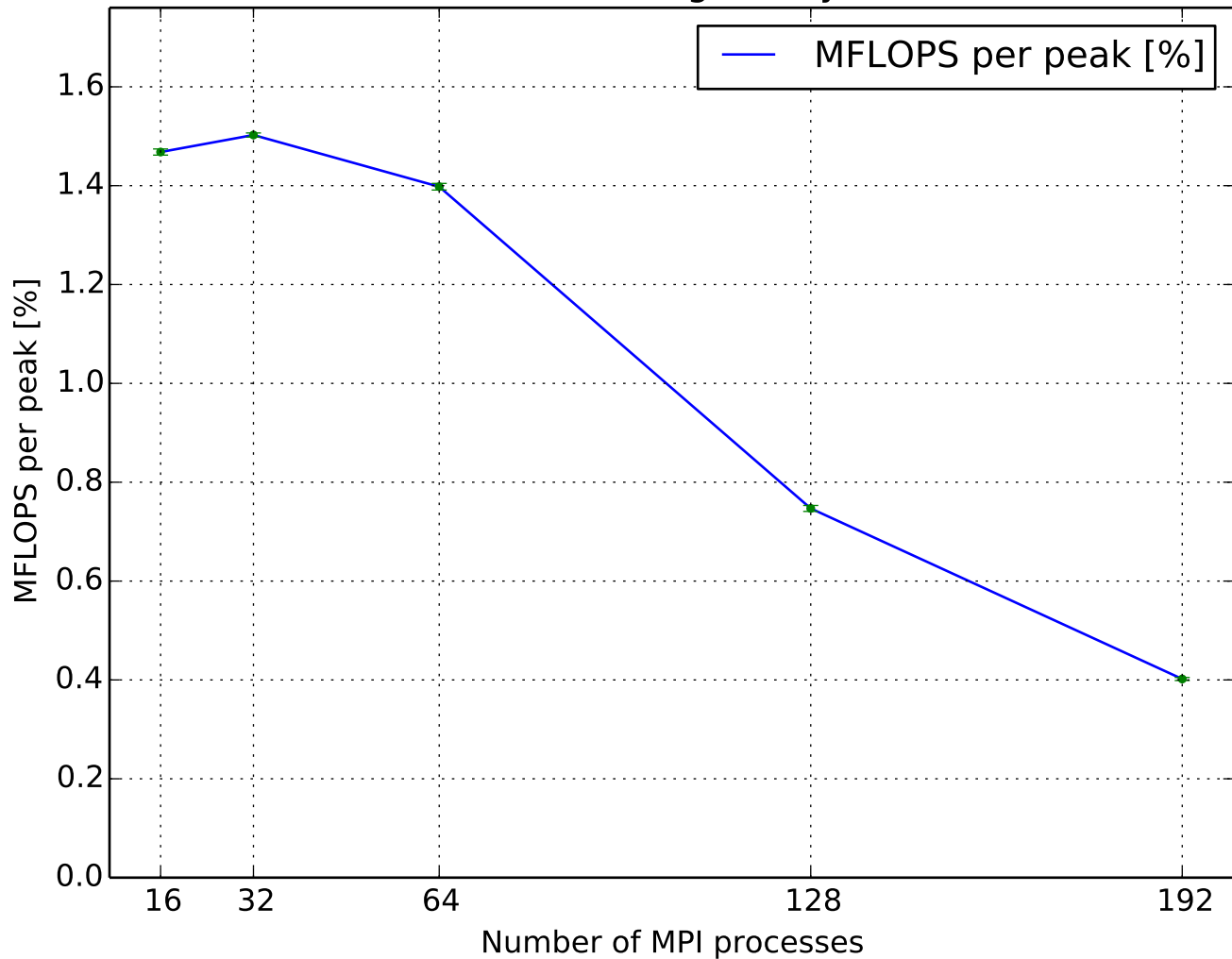
MFLOPS per peak
(2.9952M cells, Smagorinsky ,GAMG-nonBlockingGaussSeidel)



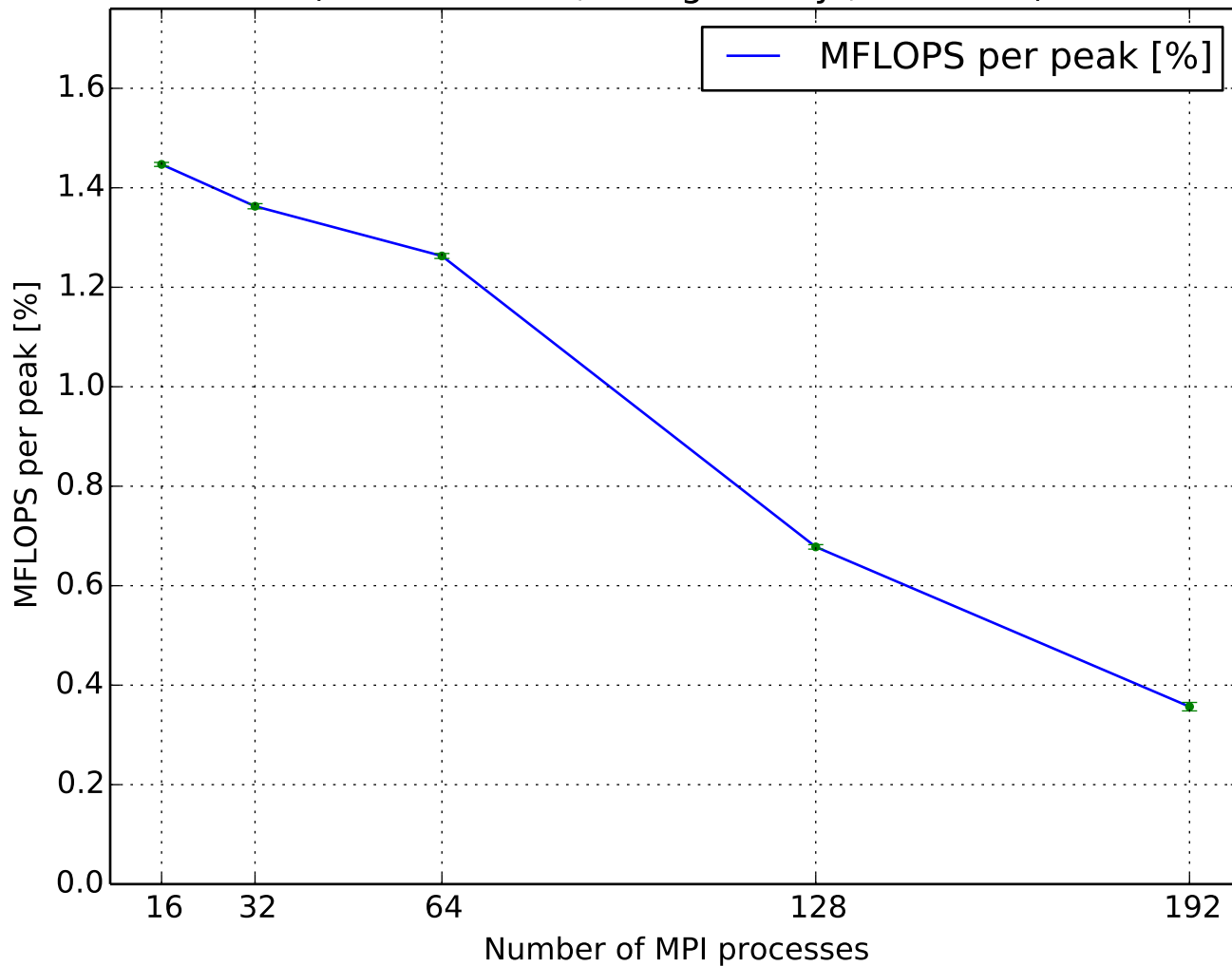
MFLOPS per peak
(2.9952M cells, Smagorinsky ,GAMG-symGaussSeidel)



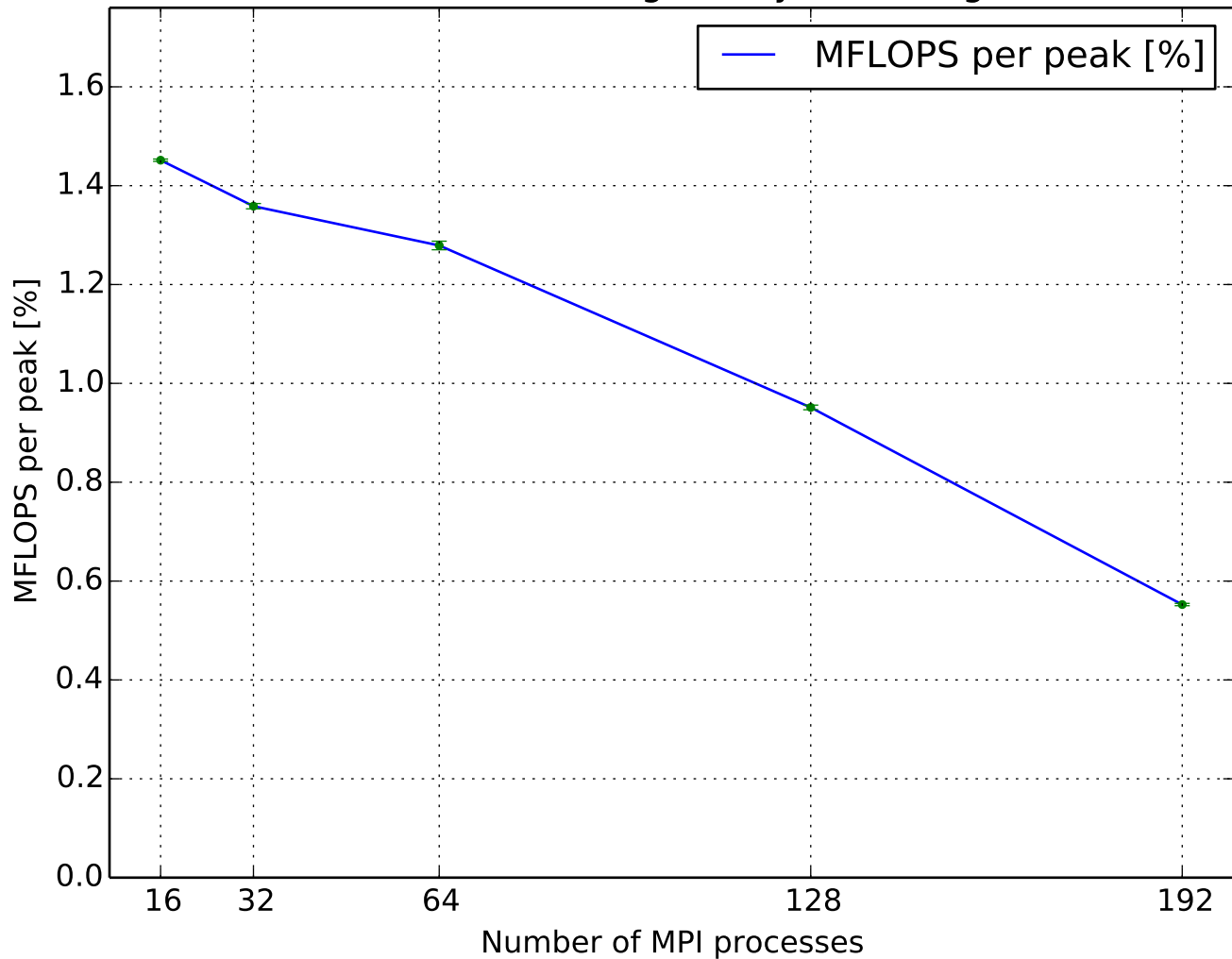
MFLOPS per peak
(2.9952M cells, Smagorinsky ,PCG-DIC)



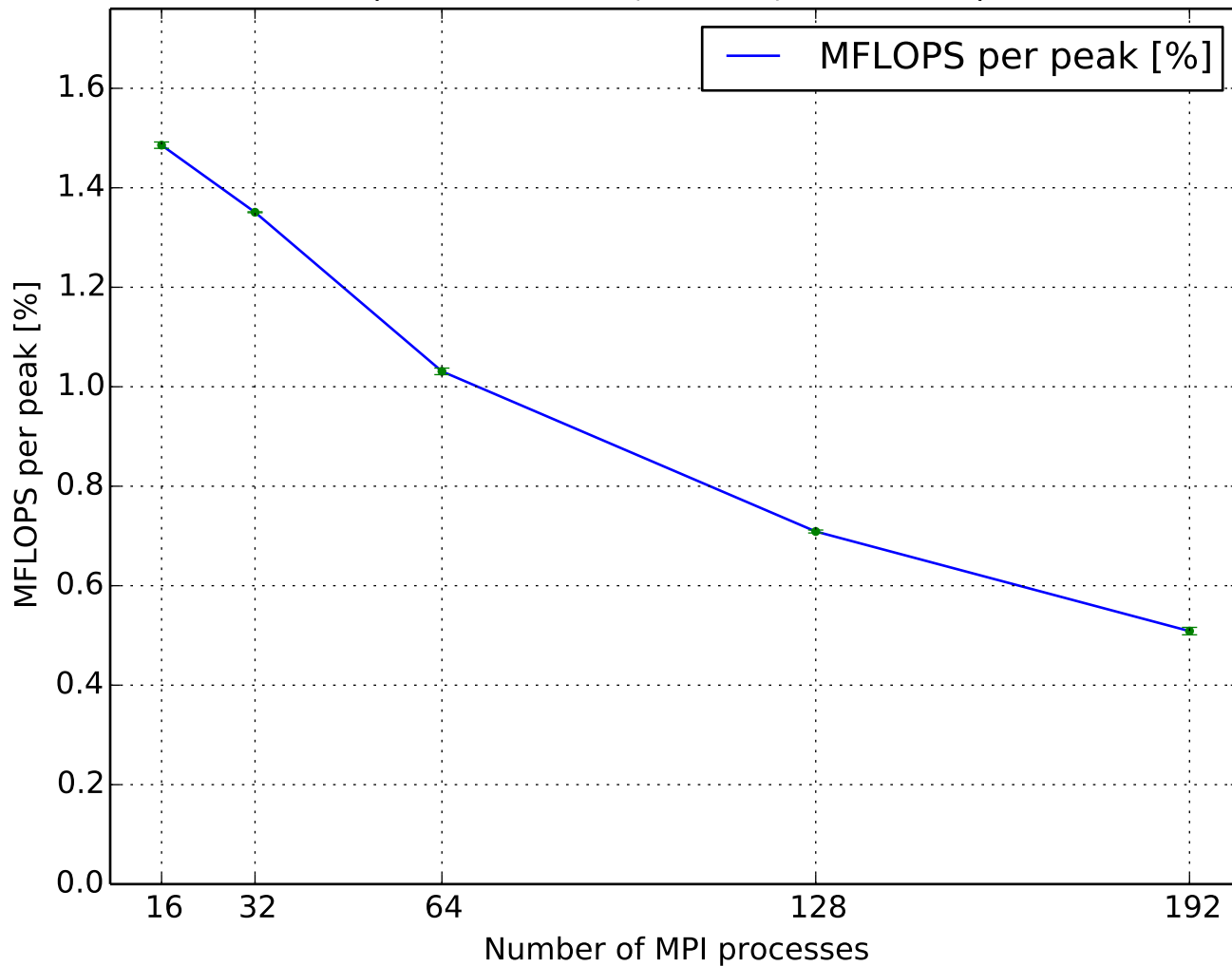
MFLOPS per peak
(2.9952M cells, Smagorinsky ,PCG-FDIC)



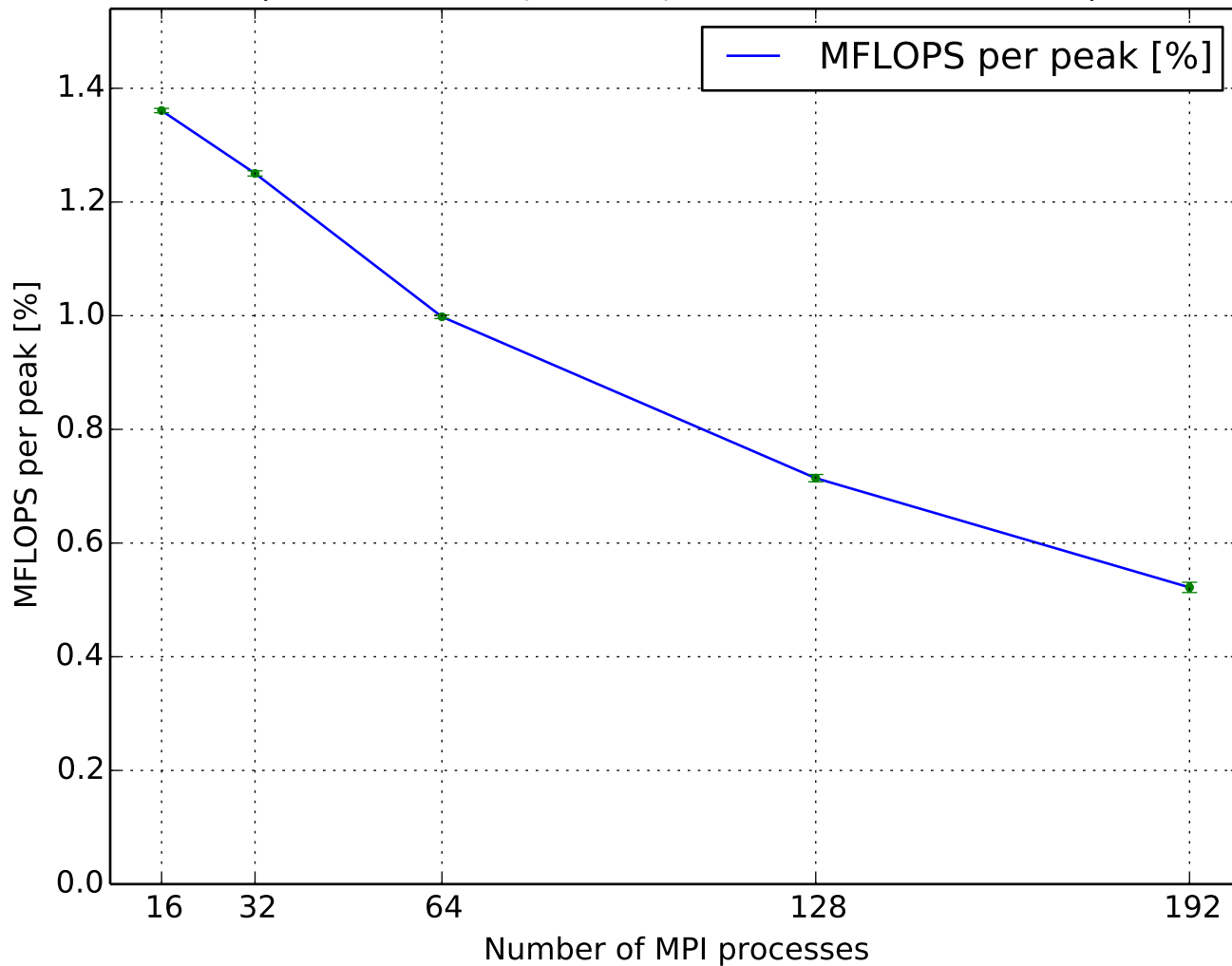
MFLOPS per peak
(2.9952M cells, Smagorinsky ,PCG-diagonal)



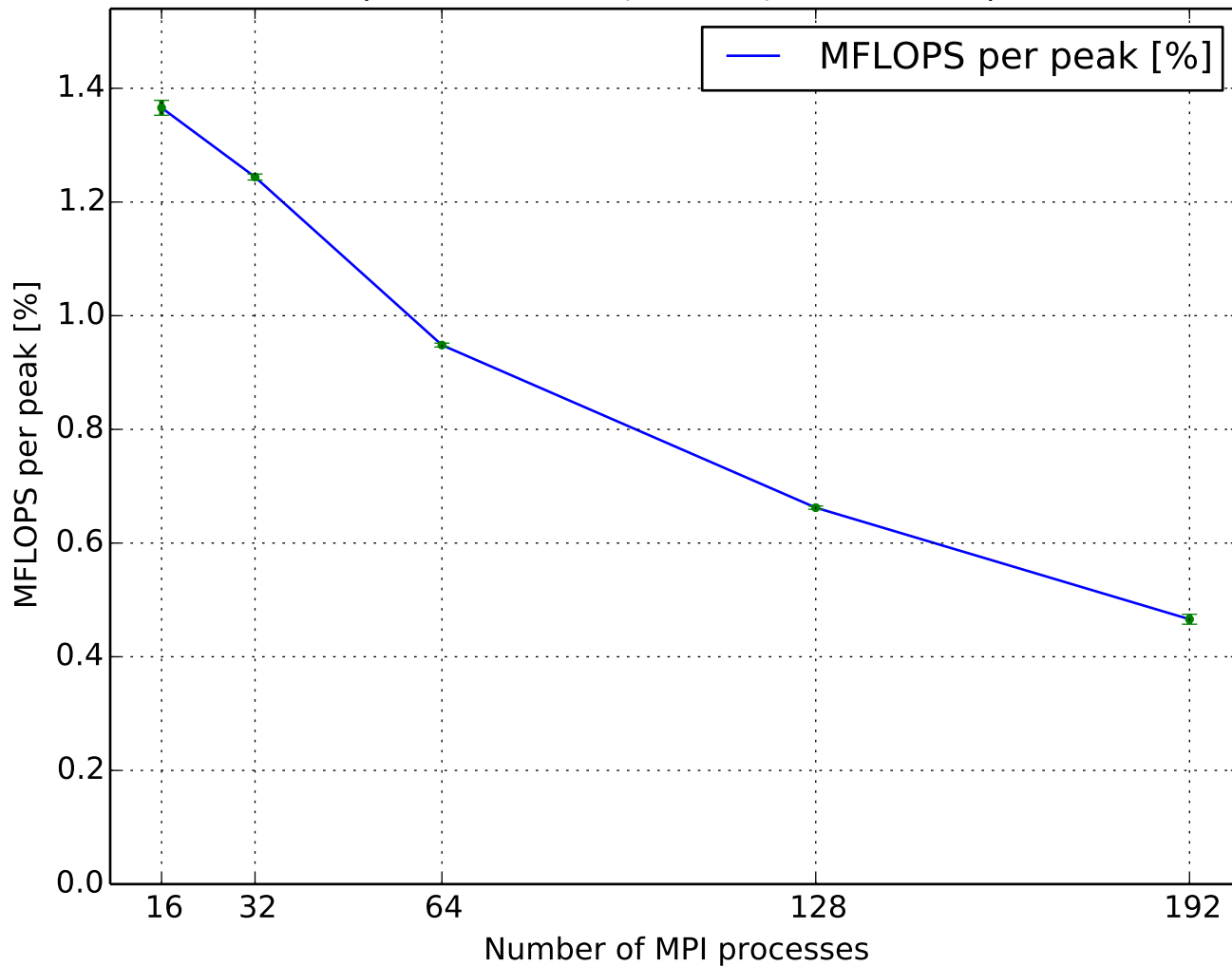
MFLOPS per peak
(2.9952M cells, WALE ,GAMG-DIC)



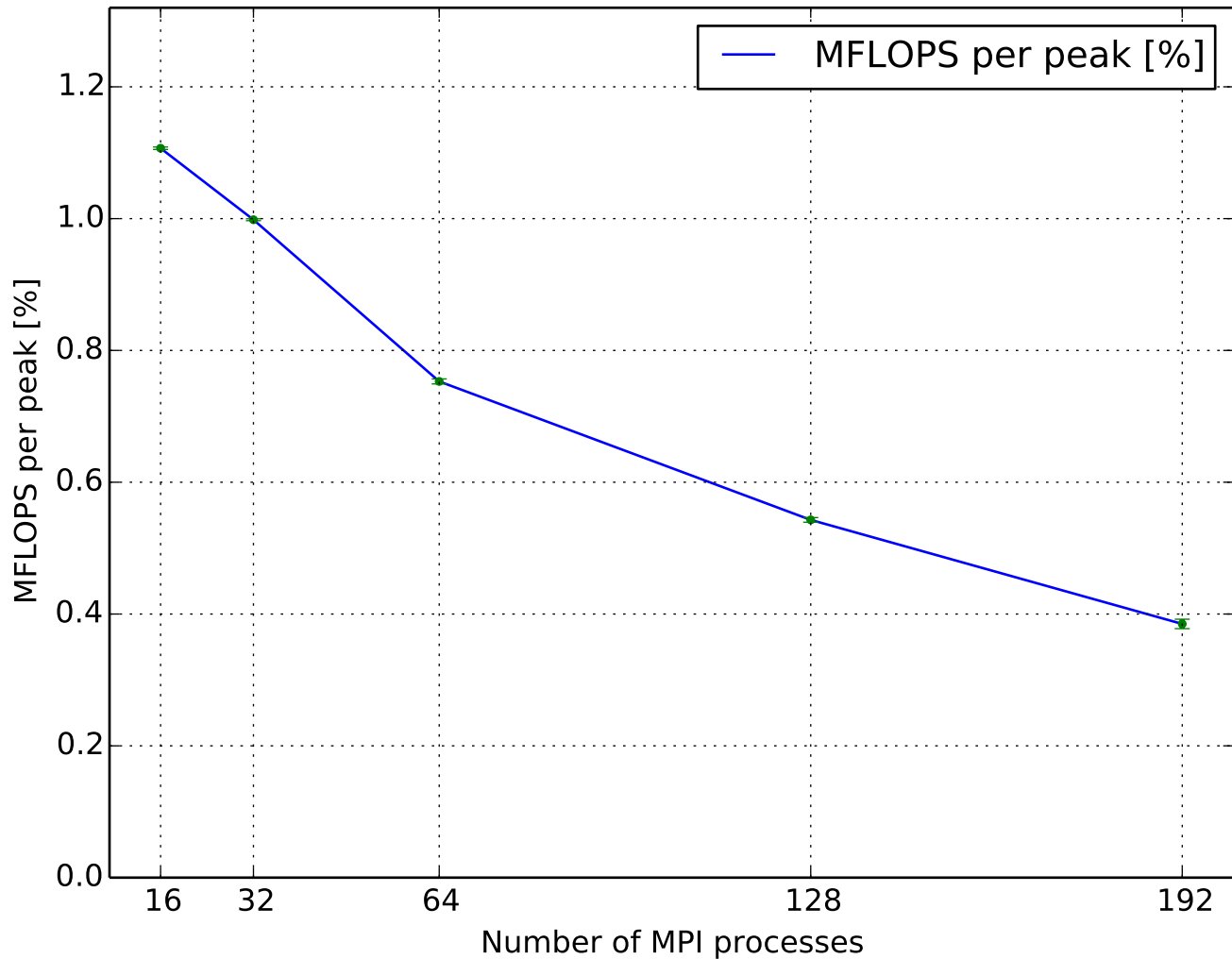
MFLOPS per peak
(2.9952M cells, WALE ,GAMG-DICGaussSeidel)



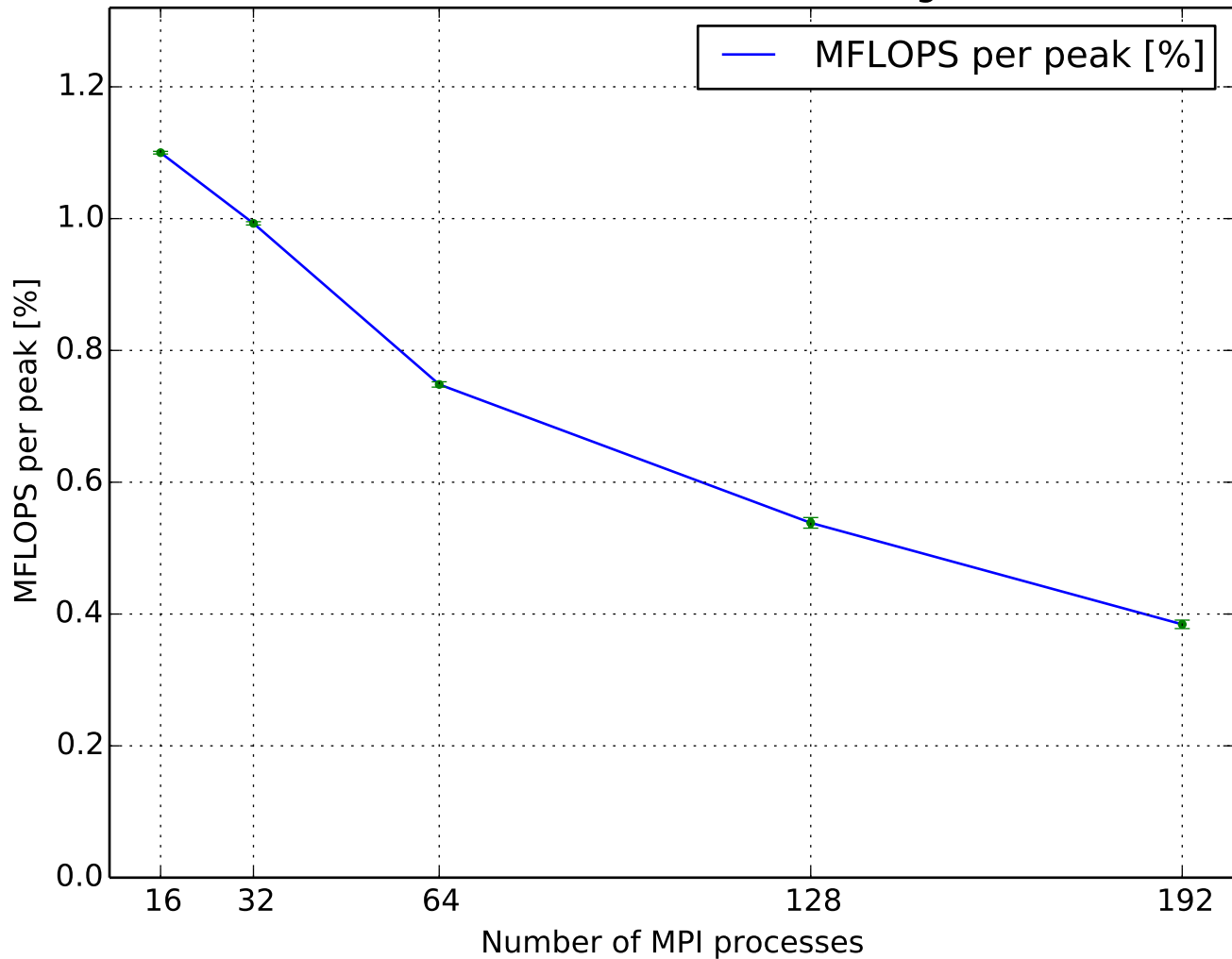
MFLOPS per peak
(2.9952M cells, WALE ,GAMG-FDIC)



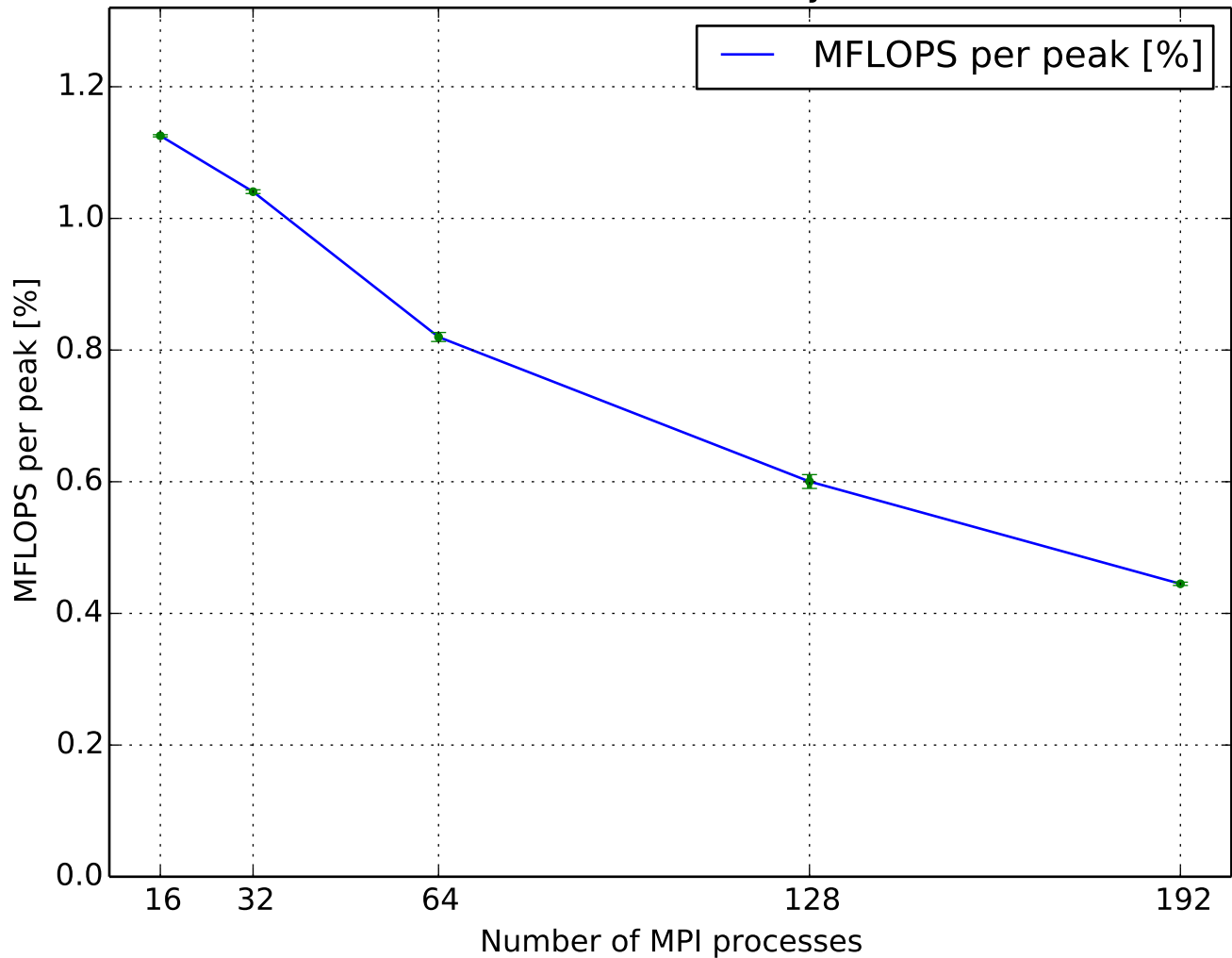
MFLOPS per peak
(2.9952M cells, WALE ,GAMG-GaussSeidel)



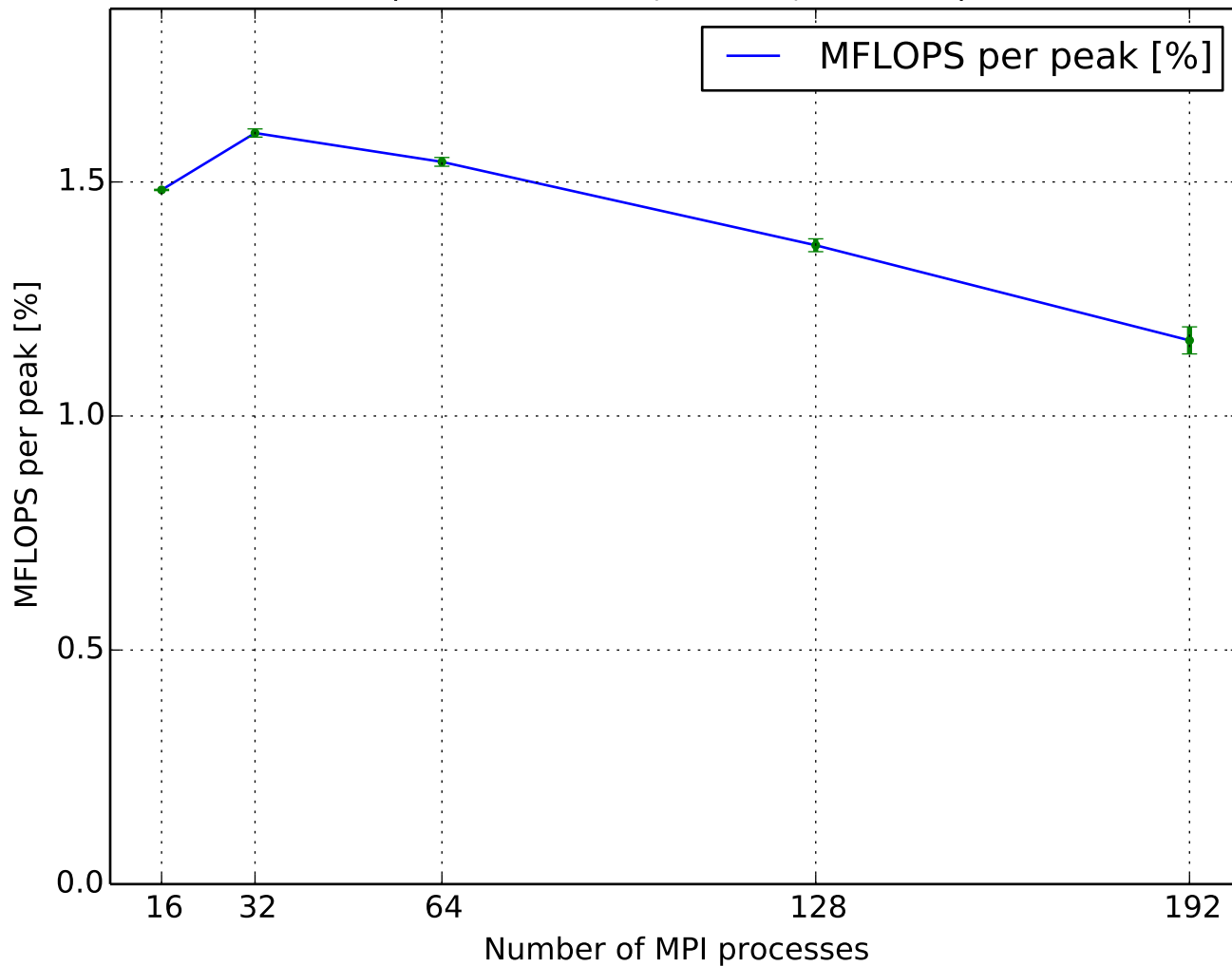
MFLOPS per peak
(2.9952M cells, WALE ,GAMG-nonBlockingGaussSeidel)



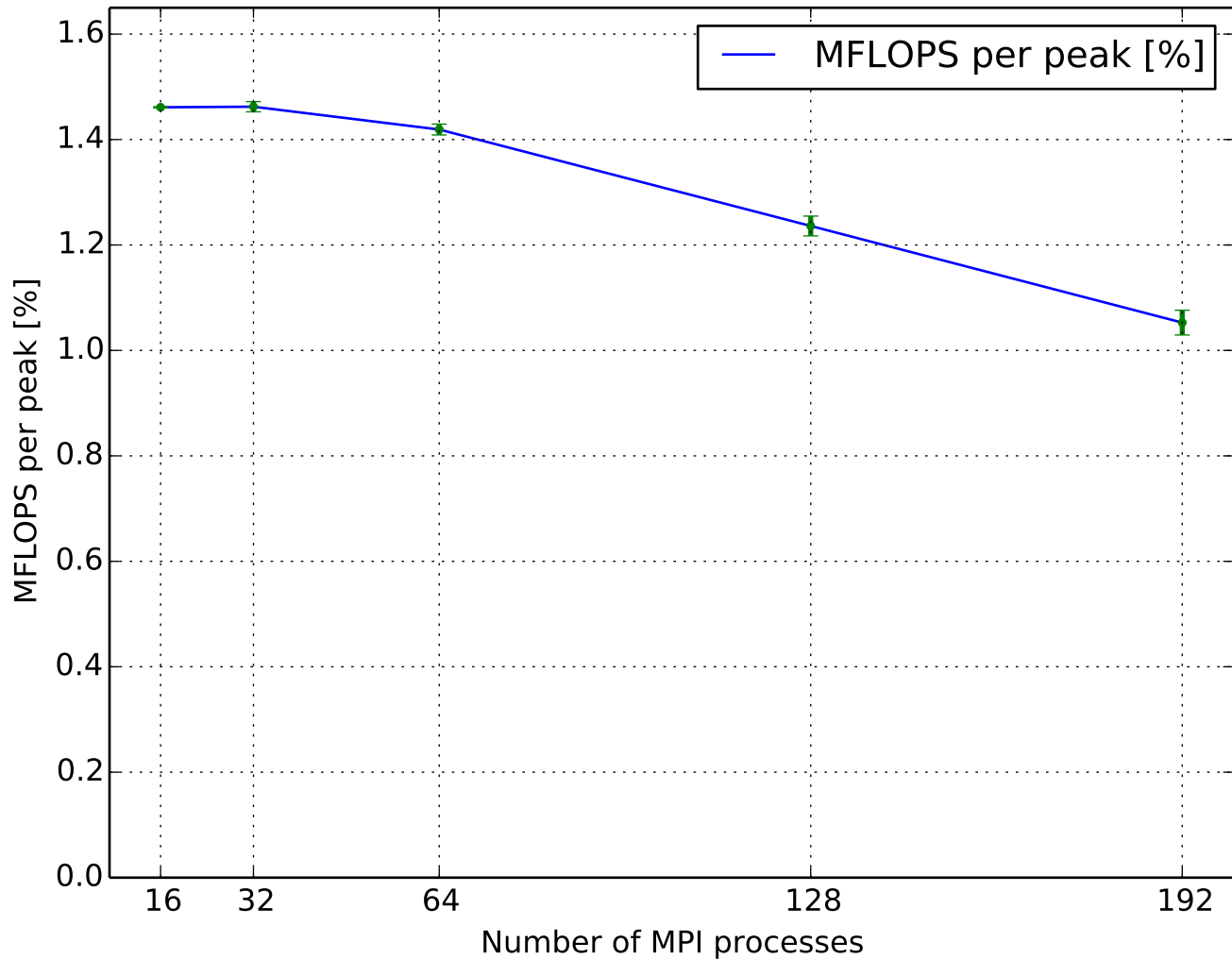
MFLOPS per peak
(2.9952M cells, WALE ,GAMG-symGaussSeidel)



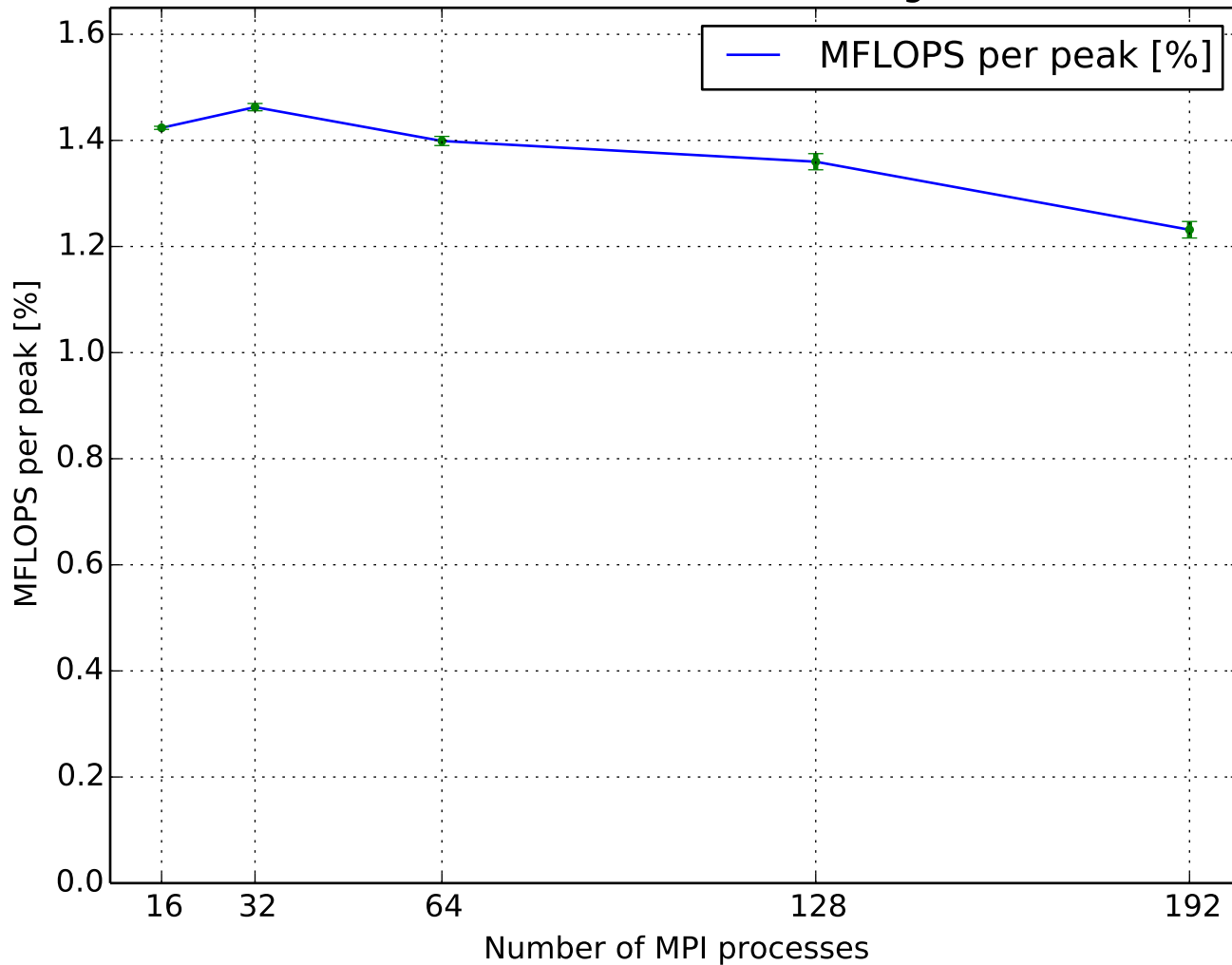
MFLOPS per peak
(2.9952M cells, WALE ,PCG-DIC)



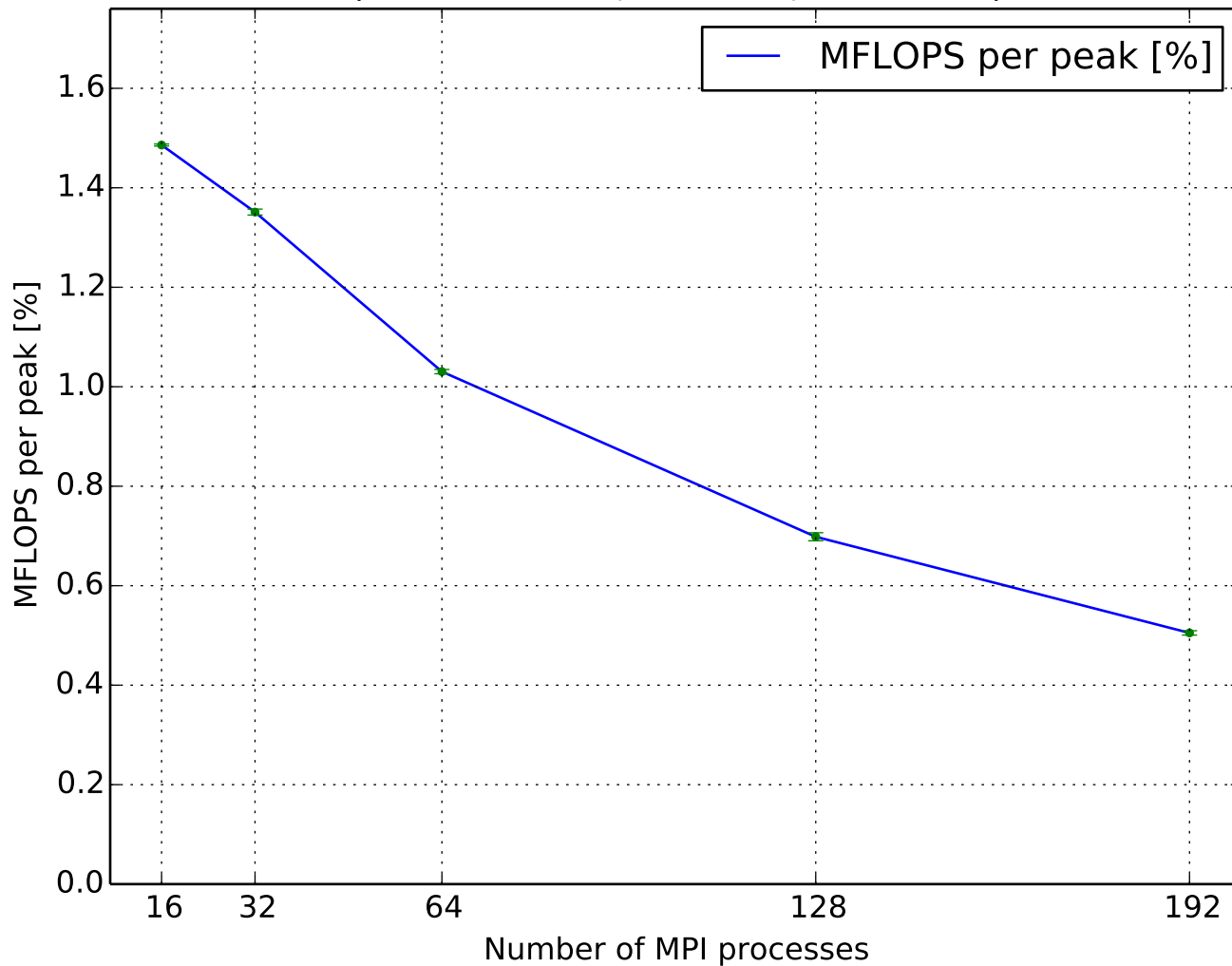
MFLOPS per peak
(2.9952M cells, WALE ,PCG-FDIC)



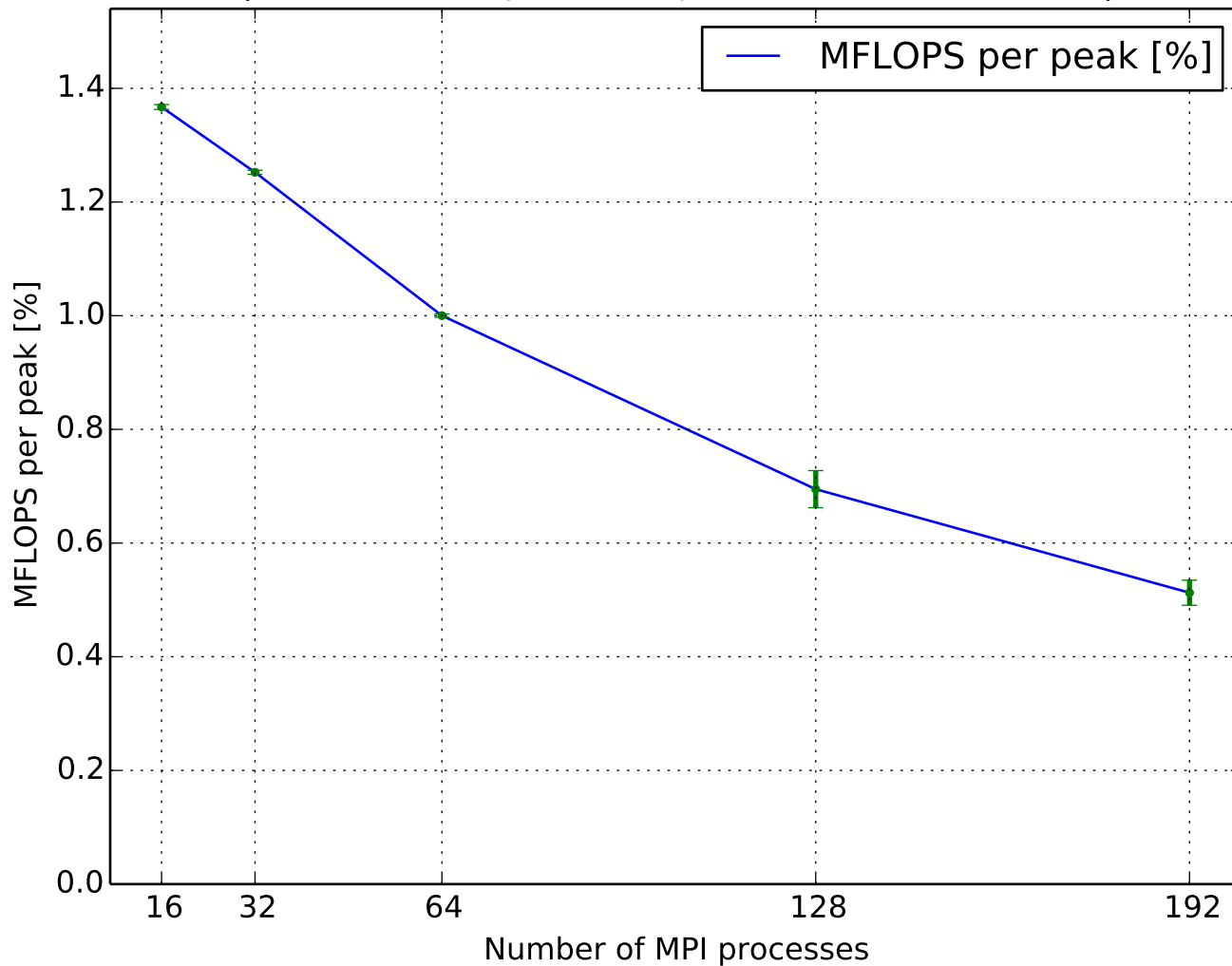
MFLOPS per peak
(2.9952M cells, WALE ,PCG-diagonal)



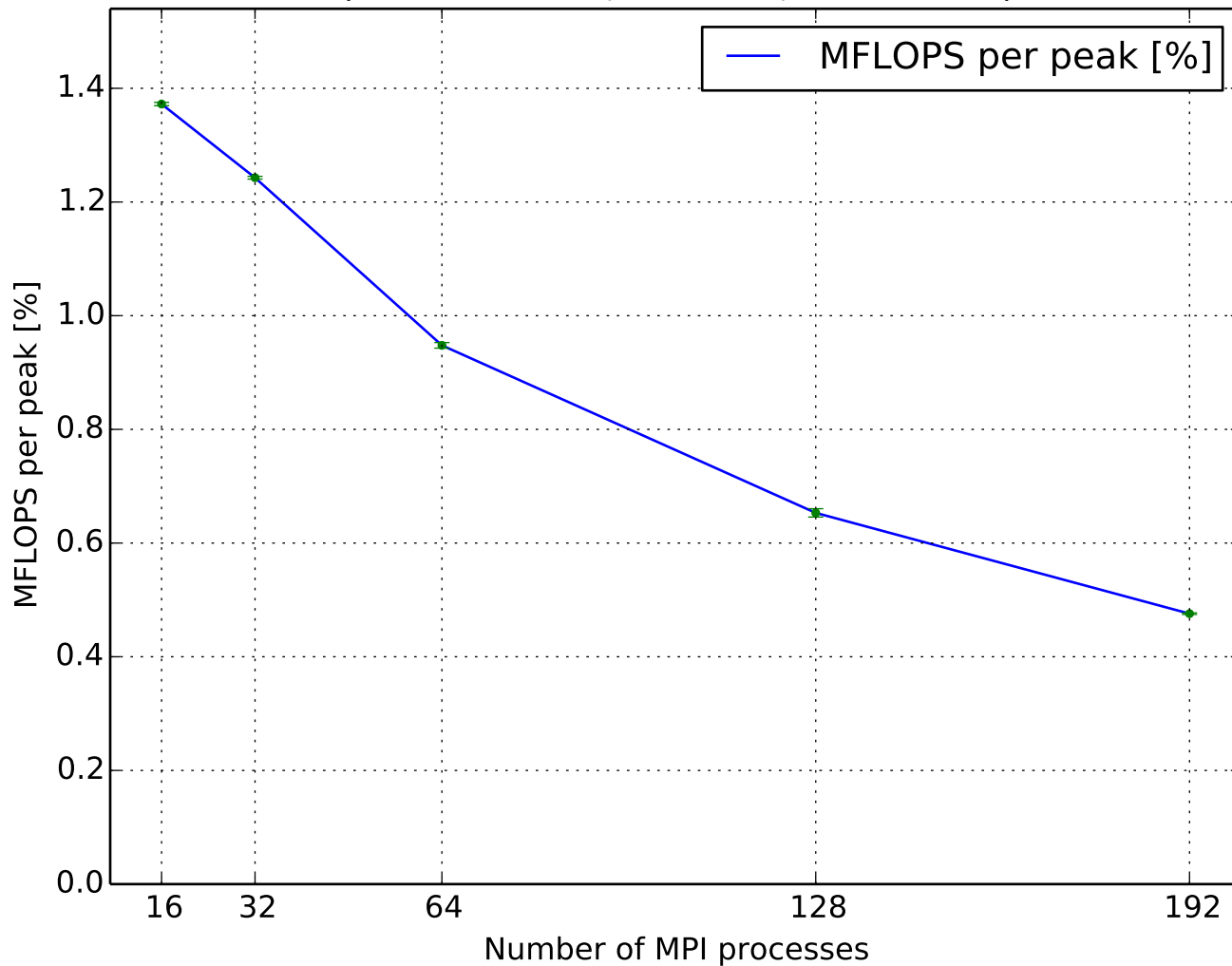
MFLOPS per peak
(2.9952M cells, laminar ,GAMG-DIC)



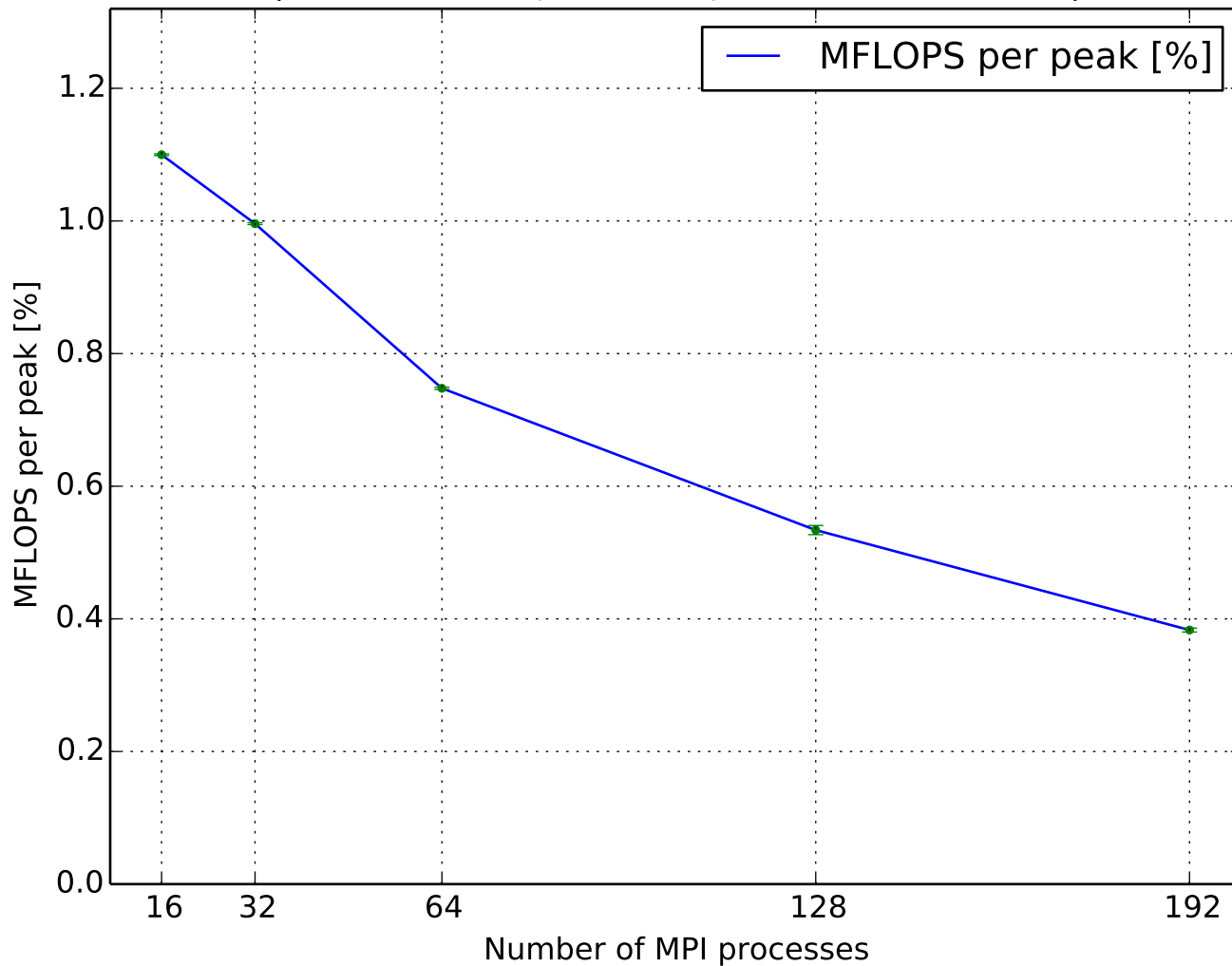
MFLOPS per peak
(2.9952M cells, laminar ,GAMG-DICGaussSeidel)



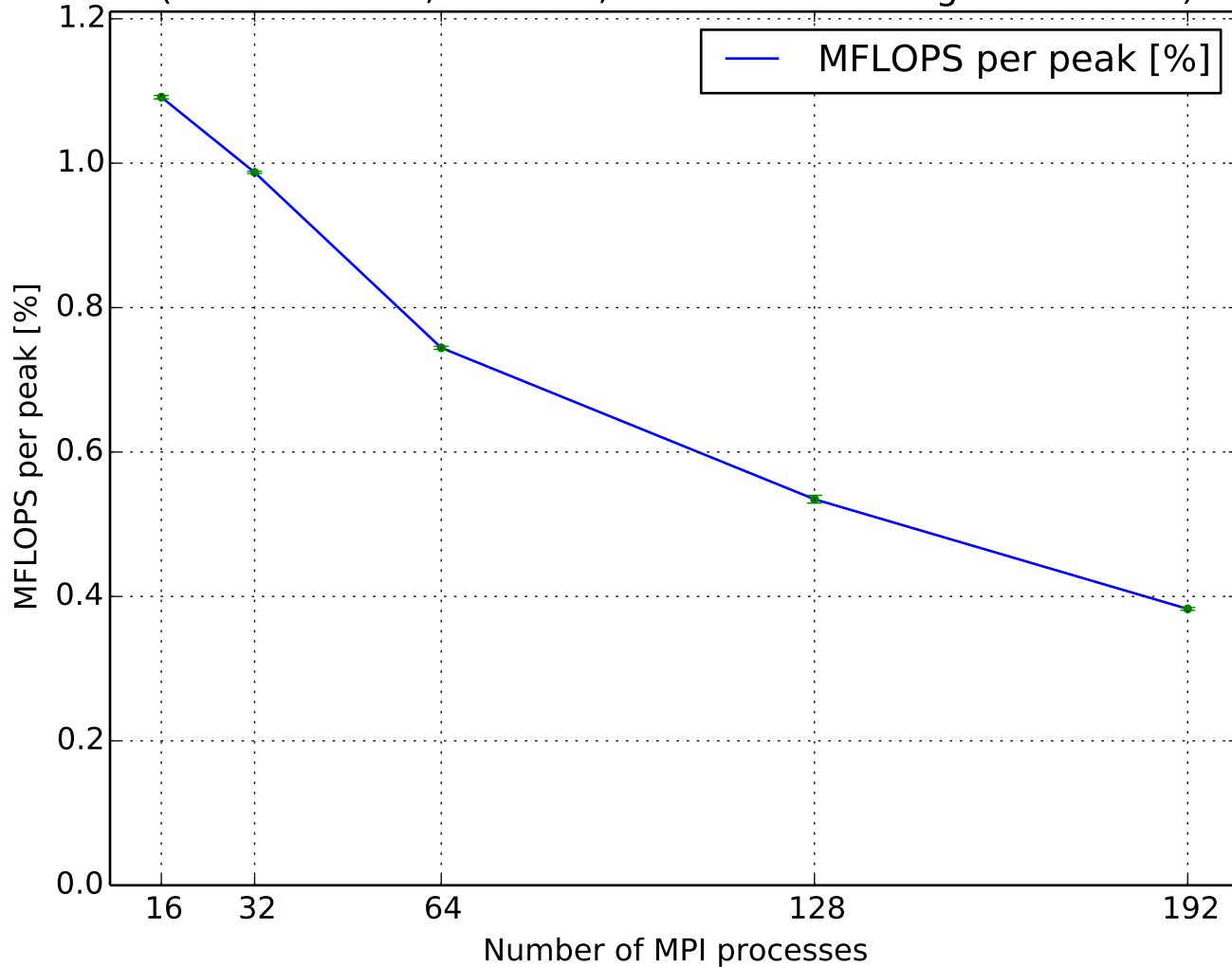
MFLOPS per peak
(2.9952M cells, laminar ,GAMG-FDIC)



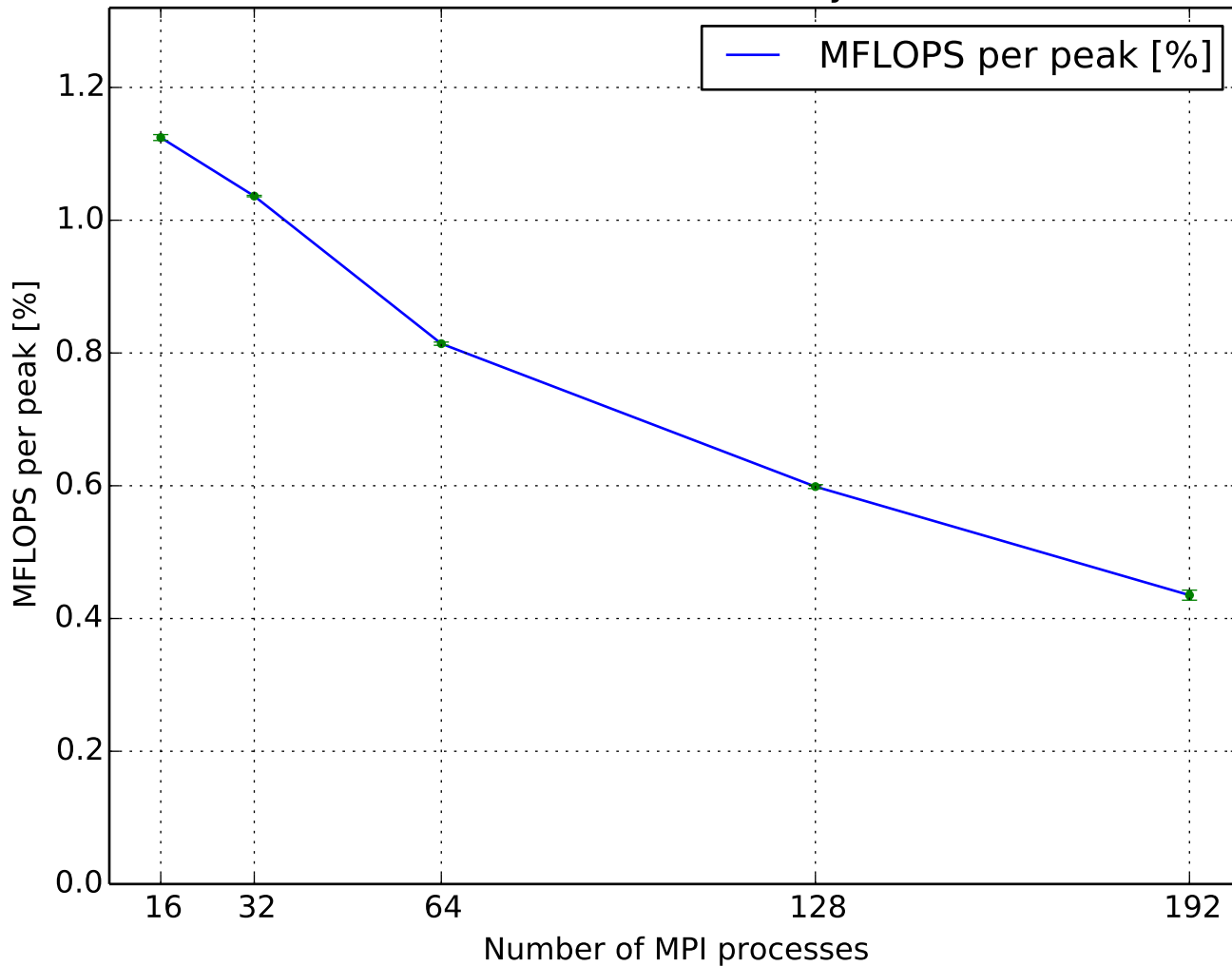
MFLOPS per peak
(2.9952M cells, laminar ,GAMG-GaussSeidel)



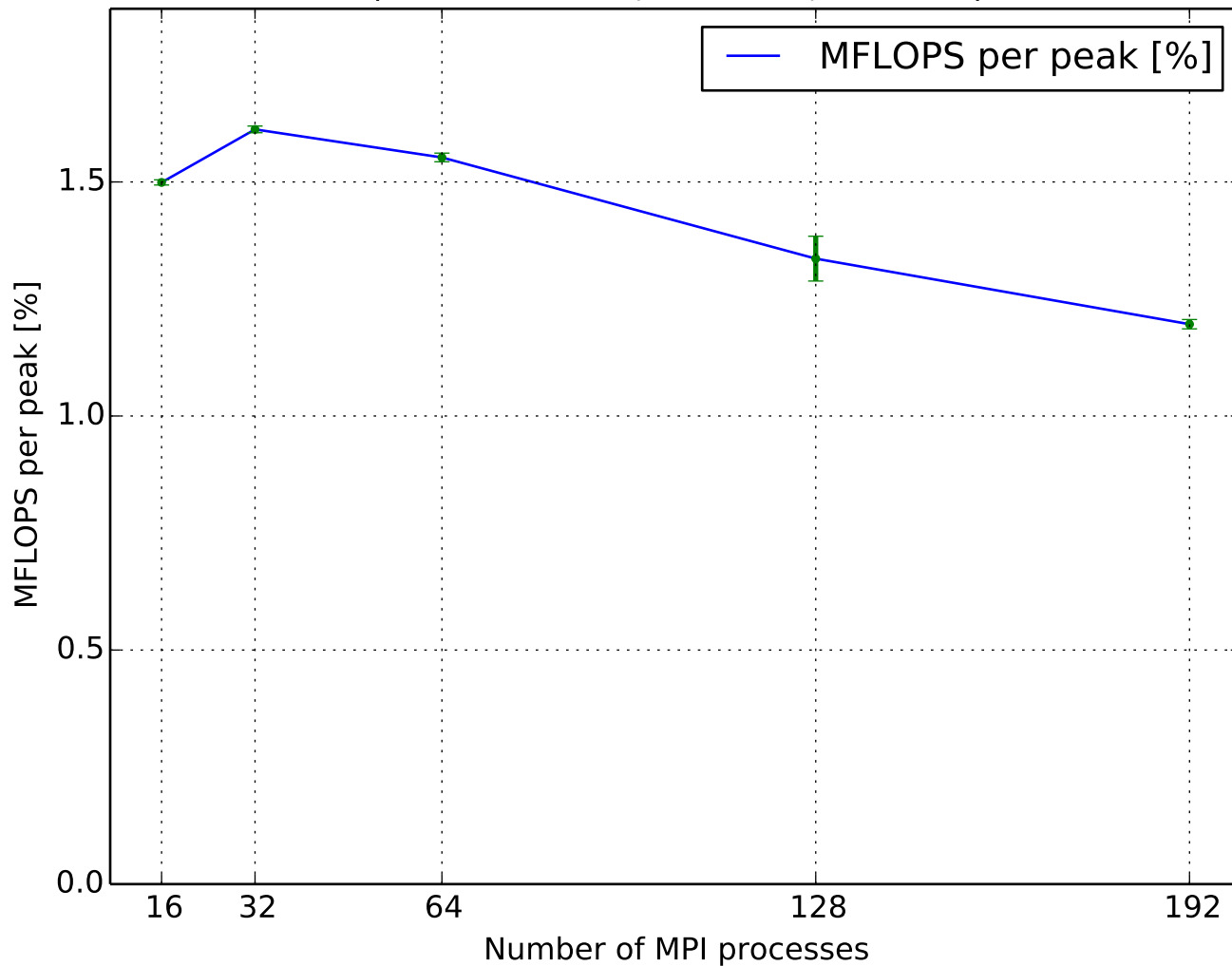
MFLOPS per peak
(2.9952M cells, laminar ,GAMG-nonBlockingGaussSeidel)



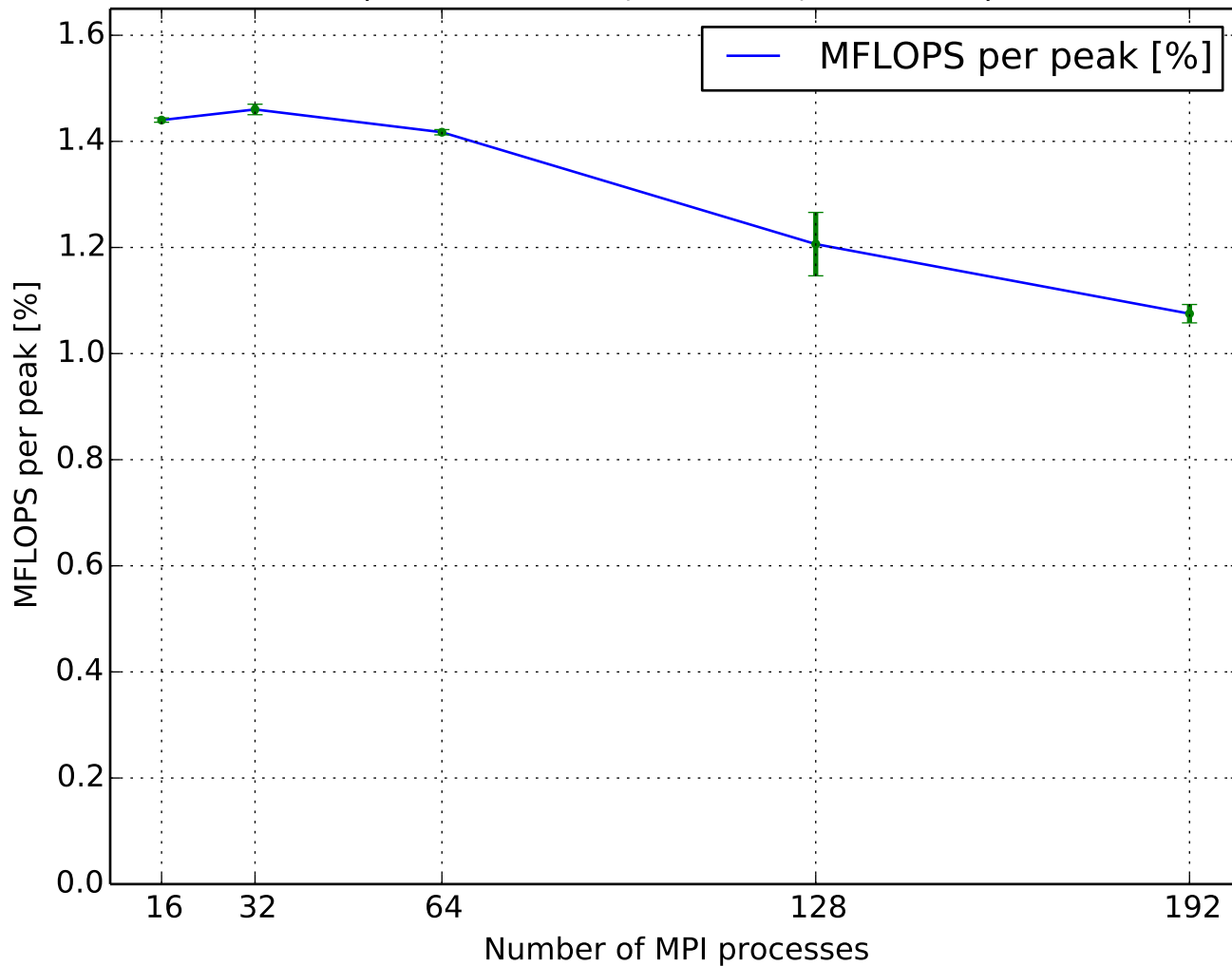
MFLOPS per peak
(2.9952M cells, laminar ,GAMG-symGaussSeidel)



MFLOPS per peak
(2.9952M cells, laminar ,PCG-DIC)



MFLOPS per peak
(2.9952M cells, laminar ,PCG-FDIC)



MFLOPS per peak
(2.9952M cells, laminar ,PCG-diagonal)

