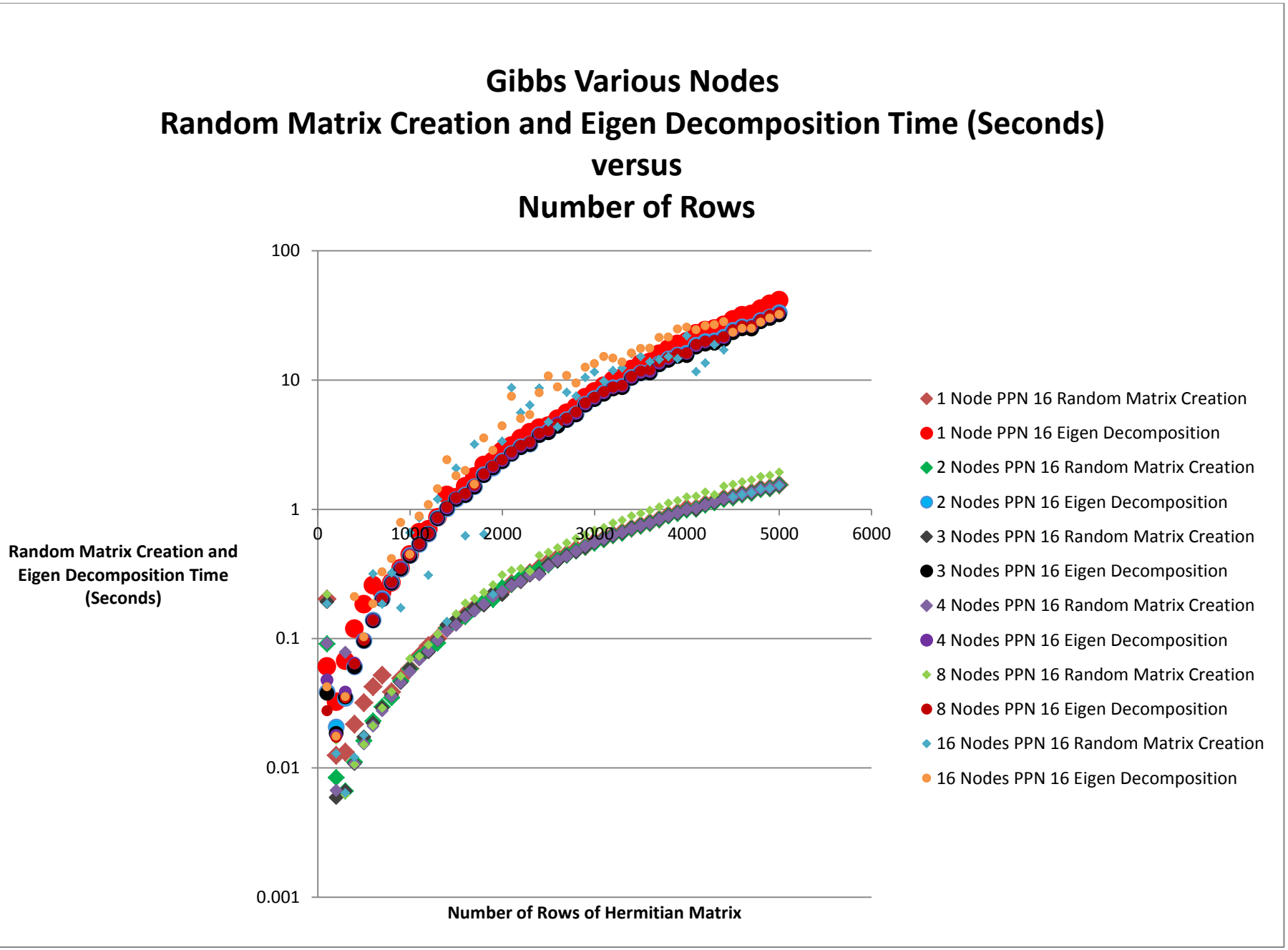
Gibbs Various Nodes
Random Matrix Creation and Eigen Decomposition Time (Seconds)
versus
Number of Rows
100
10
1
0.1
0.01
0.001
0
1000
2000
3000
4000
5000
6000
Random Matrix Creation and Eigen Decomposition Time (Seconds)
Number of Rows of Hermitian Matrix
1 Node PPN 16 Random Matrix Creation
1 Node PPN 16 Eigen Decomposition
2 Nodes PPN 16 Random Matrix Creation
2 Nodes PPN 16 Eigen Decomposition
3 Nodes PPN 16 Random Matrix Creation
3 Nodes PPN 16 Eigen Decomposition
4 Nodes PPN 16 Random Matrix Creation
4 Nodes PPN 16 Eigen Decomposition
8 Nodes PPN 16 Random Matrix Creation
8 Nodes PPN 16 Eigen Decomposition
16 Nodes PPN 16 Random Matrix Creation
16 Nodes PPN 16 Eigen Decomposition