Residuum^2 of evec n+1 when reconstructed from blocked 1..n
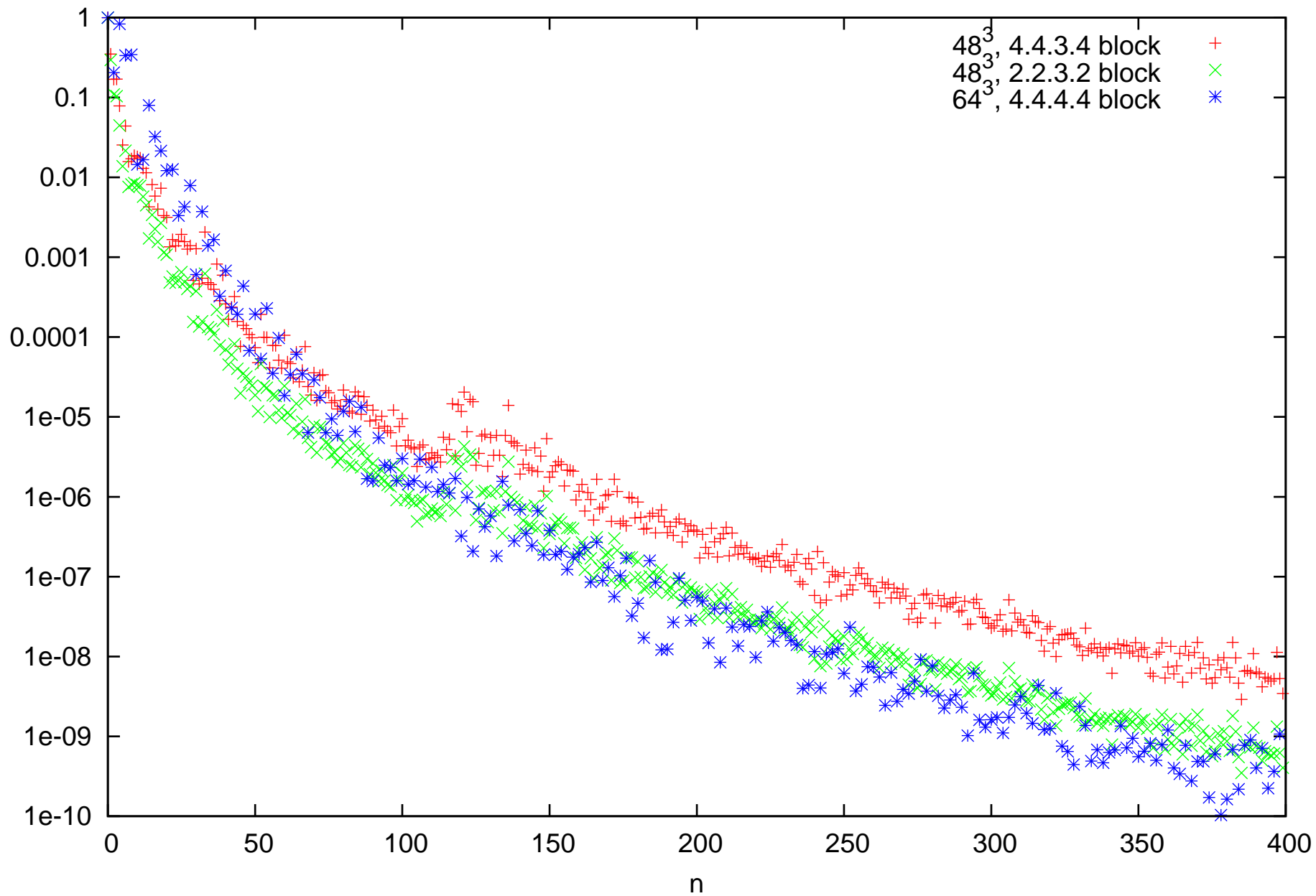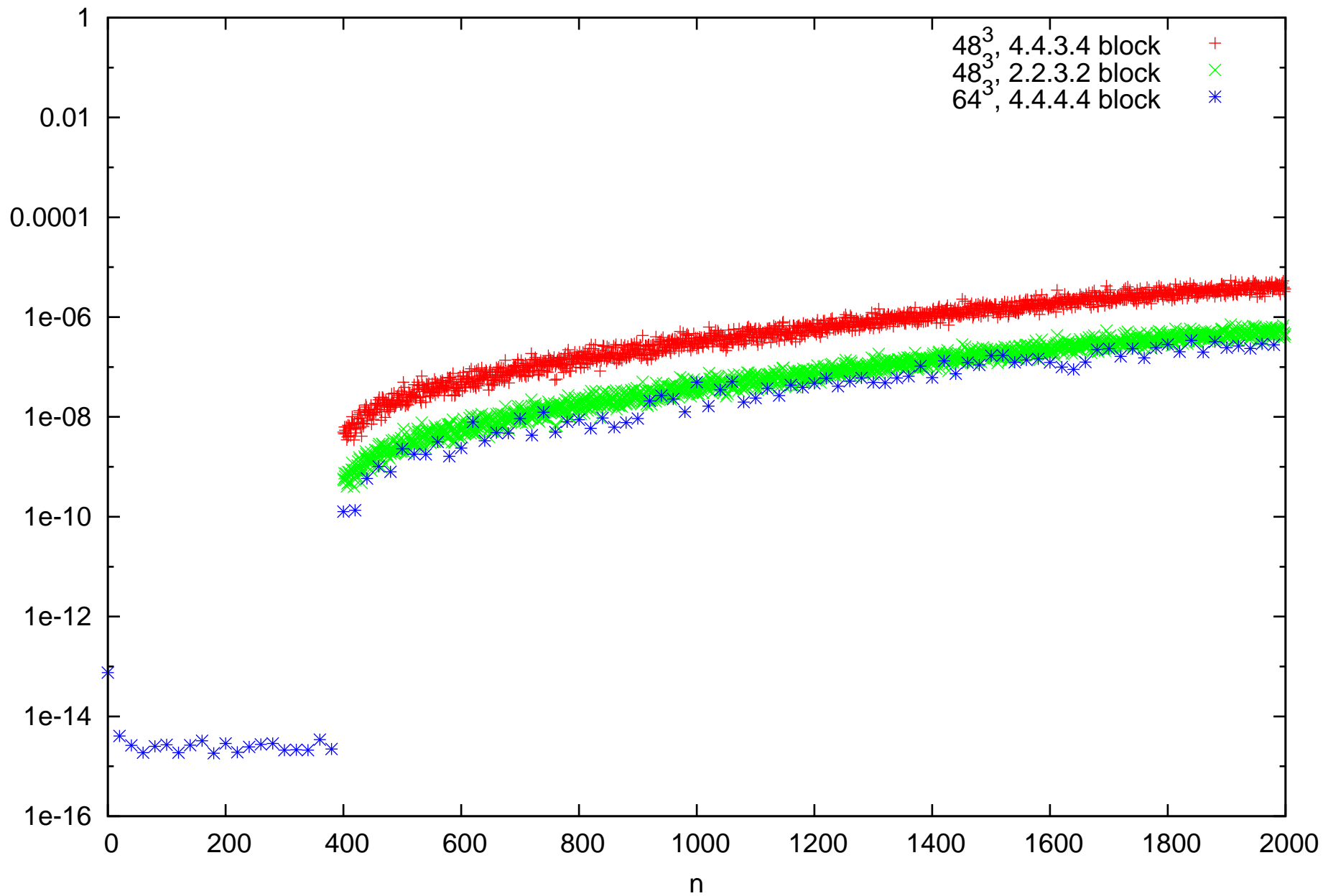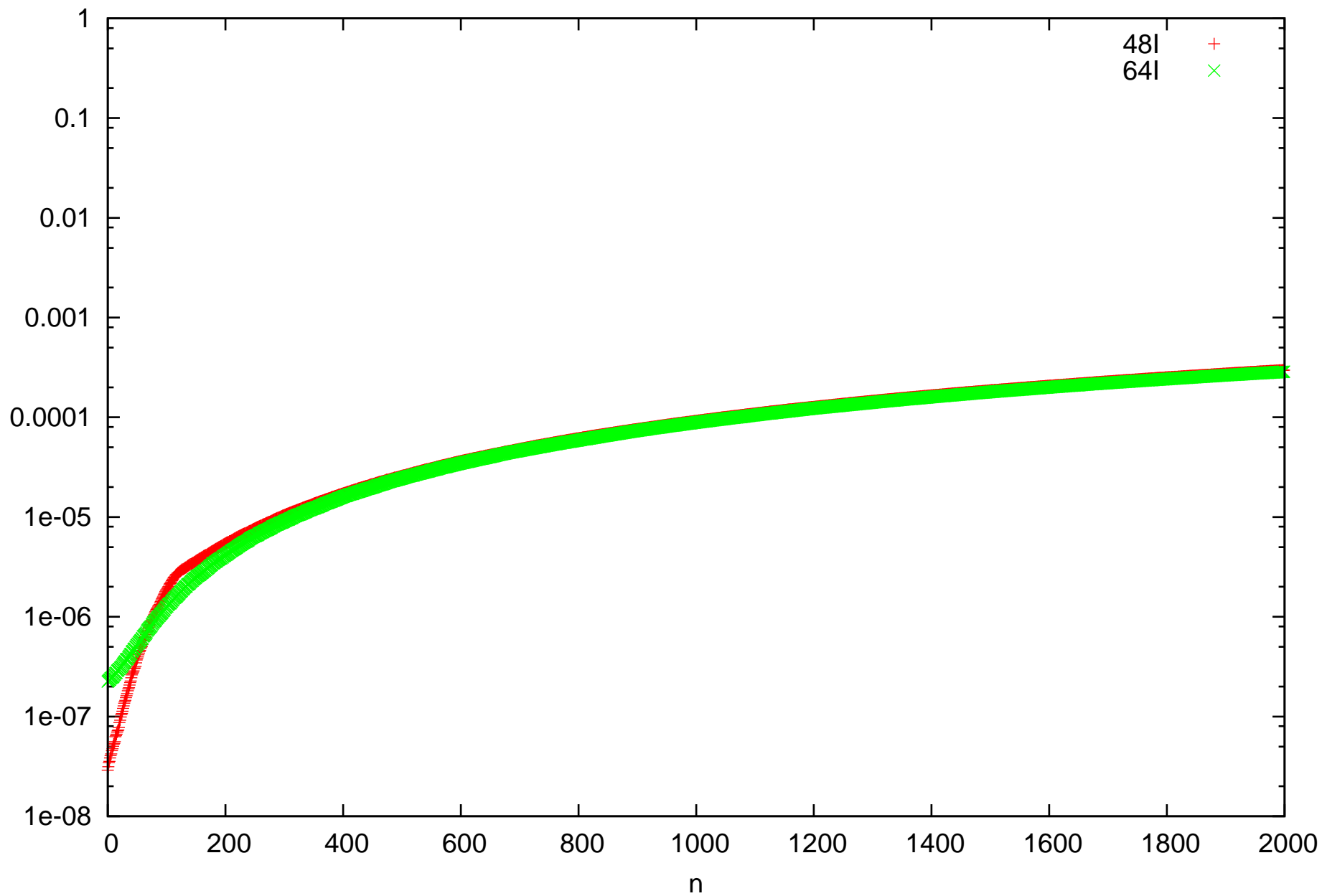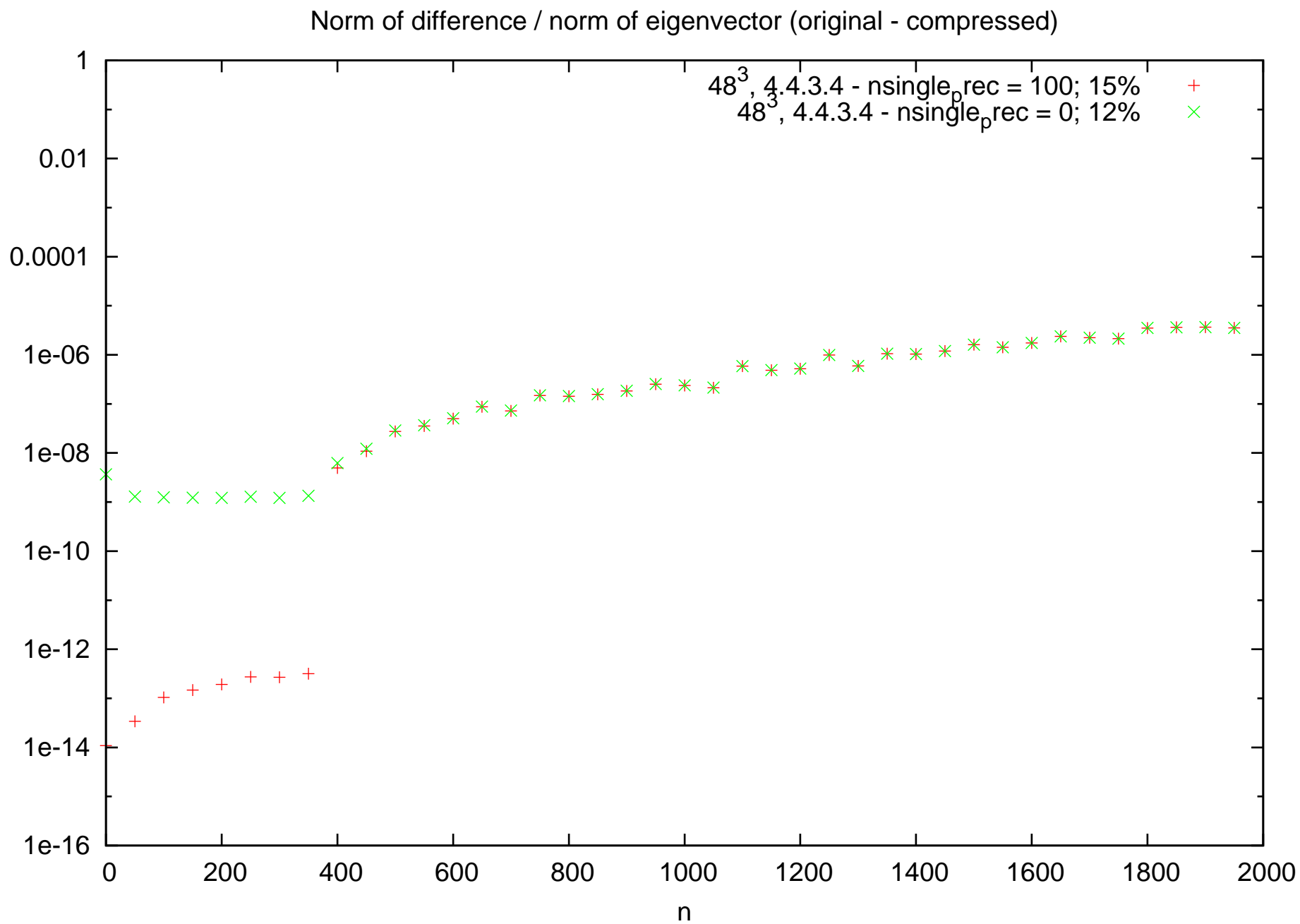
Residuum^2 of evec n when reconstructed from blocked 1..400

Eigenvalue distribution

Norm of difference / norm of eigenvector (original - compressed)

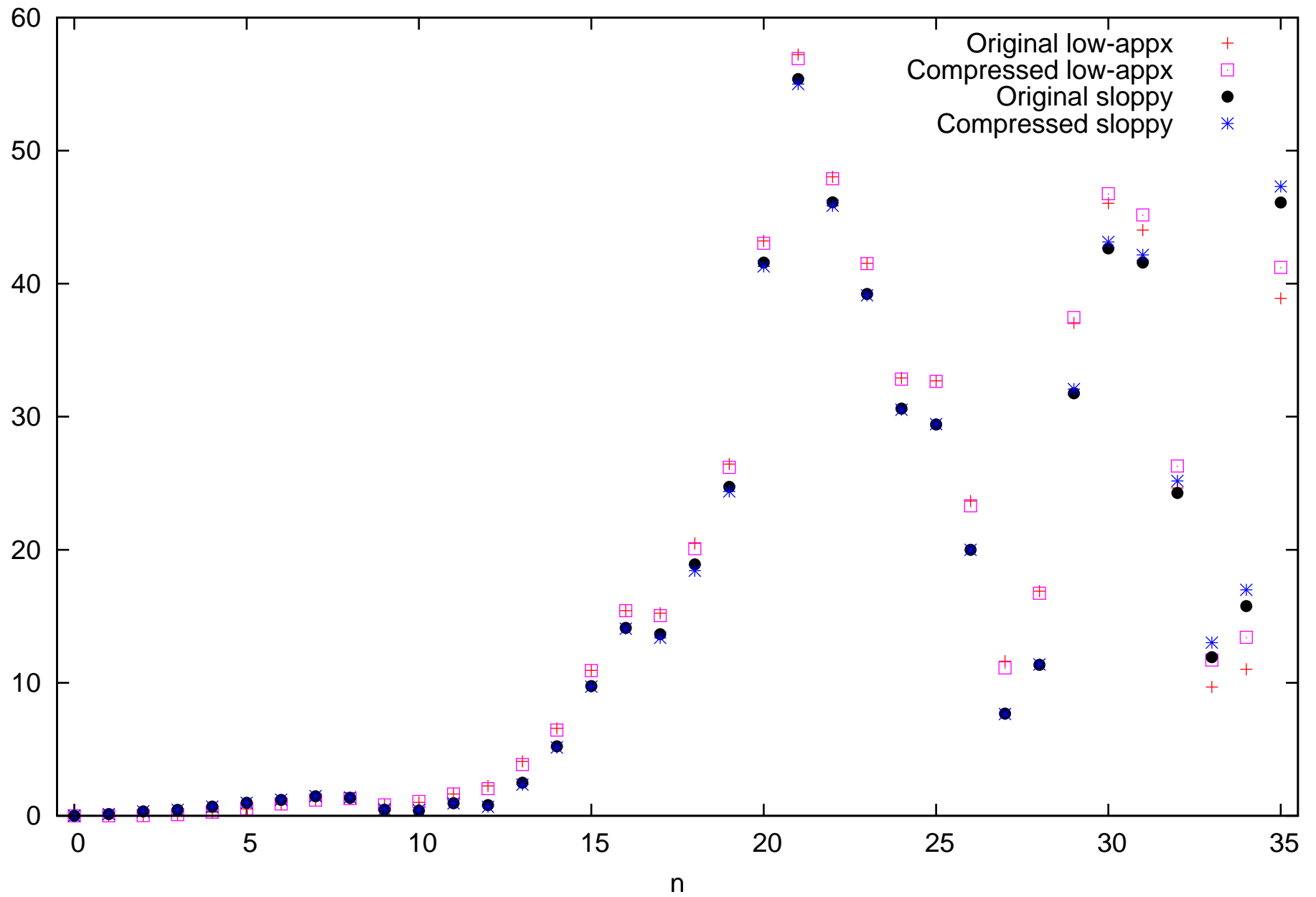48^3, 4.4.3.4 - nsingle$_p$rec = 100; 15%   +
48^3, 4.4.3.4 - nsingle$_p$rec = 0; 12%   ×

n

Effect on CG convergence on 48^3 ensemble 980
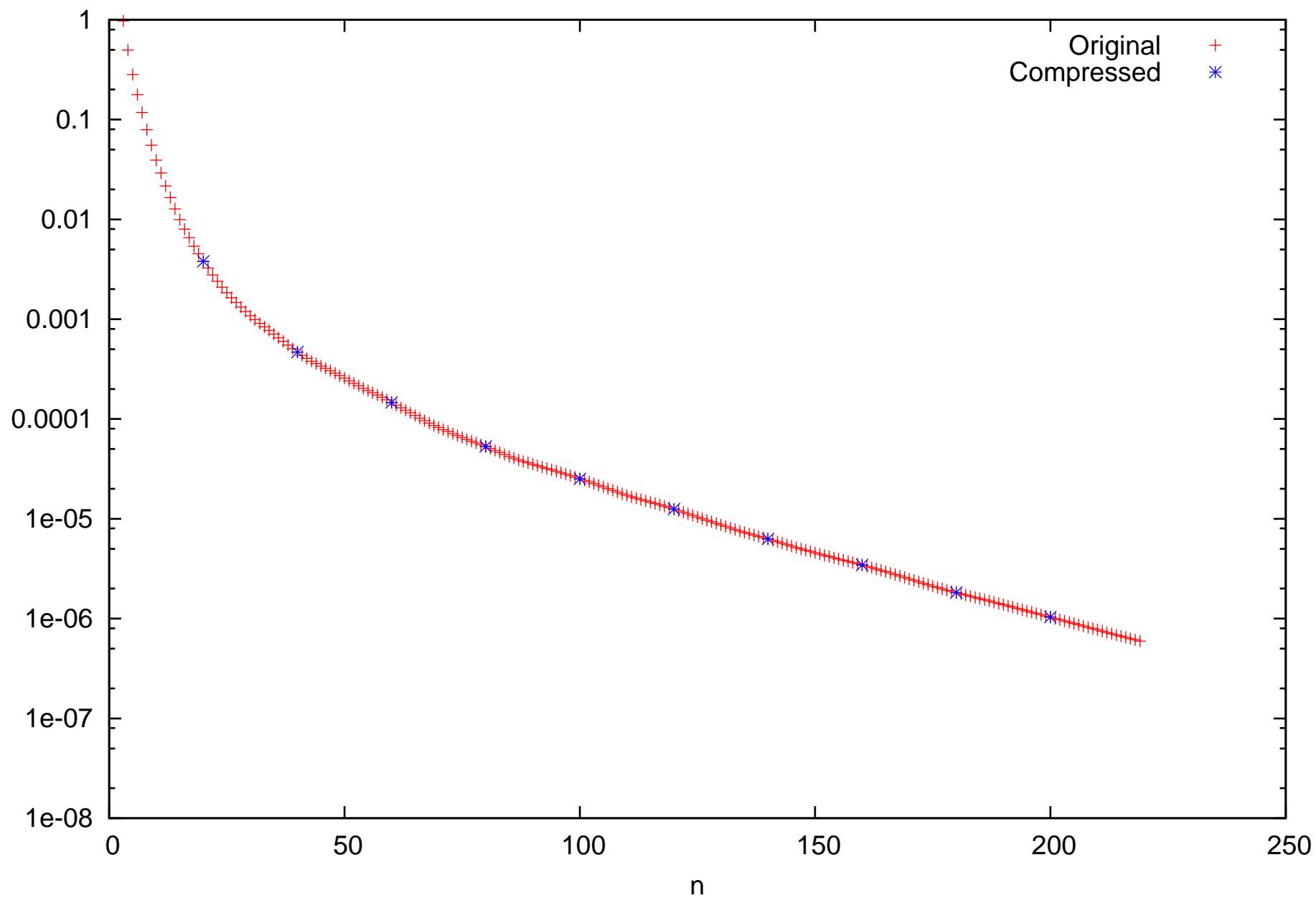
Effect on single point source $C(t)\, t^4$ on 48^3 ensemble 980

Original low-appx +
Compressed low-appx □
Original sloppy ●
Compressed sloppy ✳

Effect on full low-mode reconstruction $C(t)\, t^4$ on 48^3 ensemble 980