Hinterer Simulations, $\theta=0^{\circ}$ 0.100 Gaussian Gaussian - 160 0.075 20 20 140 15 15 0.050 Perpendicular error ($\Delta \perp$), nm Perpendicular error ($\Delta \perp$), nm 10 10 120 0.025 5 5 - 80 Phi error 0.000 -5 **-**5 -0.025 60 -10 -10 -0.050-15 -15 40 -20 **-20** -0.07520 0 10 -1010 -20 -10-20 0 Parallel error ($\Delta \parallel$), nm Parallel error ($\Delta \parallel$), nm -0.1000 Hinterer Hinterer - 160 20 20 20 140 15 15 Perpendicular error ($\Delta \perp$), nm Perpendicular error ($\Delta \perp$), nm 10 10 120 15 5 5 - 80 Phi error 0 **-**5 **-**5 60 -10 -10 -15 -1540 5 -20 -20 · - 20 0 10 -20 10 -20 0 Parallel error ($\Delta \parallel$), nm Parallel error ($\Delta \parallel$), nm Mortensen Mortensen - 160 60 20 20 - 140 15 15 50 error ($\Delta \perp$), nm error ($\Delta \perp$), nm 10 10 120 5 5 00 Theta error ero 100 -0 0 Perpendicular Perpendicular 80 돈 **-**5 **-**5 60 -10 -10 20 -15 -1540 -20 + -20 10 **-**20 · 20 10 10 -100 -20 -100

Parallel error ($\Delta \parallel$), nm

Parallel error (Δ ||), nm

- 0