	defect correction $(k=3)$		higher order reference	
$n_{\mathrm{ref}}$	$\eta_{ m rel}$	$\mathcal{F}_{ au} \mathrm{T/m}$	$\eta_{ m rel}$	$\mathcal{F}_{ au} \mathrm{T/m}$
10	0.1974	-244.878	0.0856	-246.866
20	0.0581	-246.273	0.0165	-246.689
30	0.0273	-246.806	< 0.0001	-246.813