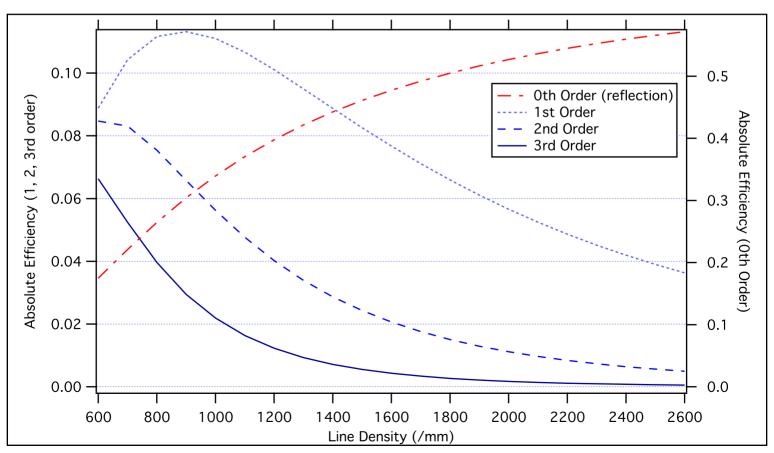


(a) Blazed grating, maintaining the blaze condition as the groove density changes. Platinum coating, 88-degree incidence, 400eV photon energy.



(b) Sinusoidal grating. Groove depth optimized at 1200 lines/mm; maintaining the depth-to-period ratio as the line density changes. Platinum coating, 88-degree incidence, 400eV photon energy.