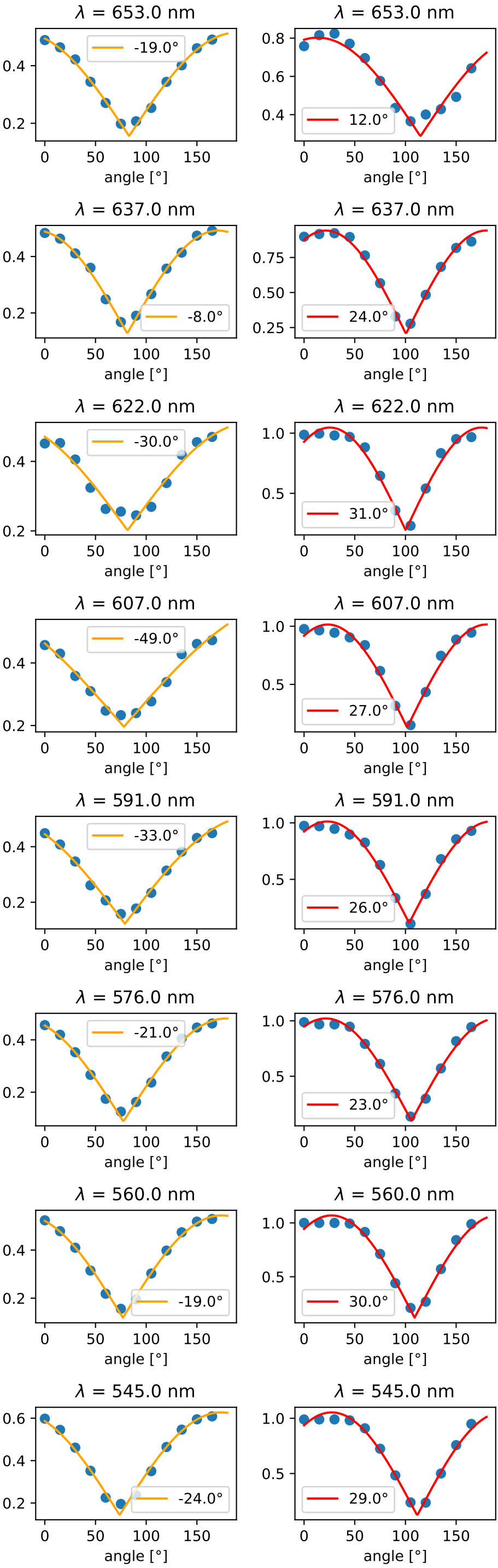**Intensity for $0.1 gcm^{-3}$ (left) and $0.4 gcm^{-3}$ (right)**