

Species	Spherical		Nonspherical		Difference in particle backscatter ($\Delta \beta_p$, %)
	Specific extinction cross section (σ_e^* , $\text{m}^2 \text{g}^{-1}$)	Lidar ratio (S_p , sr)	Specific extinction cross section (σ_e^* , $\text{m}^2 \text{g}^{-1}$)	Lidar ratio (S_p , sr)	
Dust (0.03–0.55 μm)	1.496	78.6	1.449	89.0	–14.4
Dust (0.55–0.90 μm)	1.611	48.6	1.602	69.4	–30.3
Dust (0.90–20.0 μm)	0.445	13.4	0.495	26.6	–44.0