

Reference	$r_1$ ( $\mu\text{m}$ ) $\sigma_1$	$r_2$ ( $\mu\text{m}$ ) $\sigma_2$	$r_3$ ( $\mu\text{m}$ ) $\sigma_3$	$N_1/N_{\text{tot}}$ (%)	$N_2/N_{\text{tot}}$ (%)	$N_3/N_{\text{tot}}$ (%)	$m_{r\_1}$ , $m_{\text{im\_1}}$	$m_{r\_2}$ $m_{\text{im\_2}}$	$m_{r\_3}$ $m_{\text{im\_3}}$	$N_{\text{tot}}$ ( $\text{cm}^{-3}$ )	Aerosol type
Whitby (1978) <sup>a</sup>	0.008 1.6	0.034 2.1	0.46 2.2	0.56	0.44	$4 \times 10^{-4}$	–	–	–	1800	Clean continental
D'Almeida et al. (1991) <sup>b</sup>	0.012 2.0	0.029 2.24	0.471 2.51	0.06	0.94	$2 \times 10^{-6}$	1.75 0.44	1.53 0.012	1.53 0.008	20 000	Average continental
Hess et al. (1998) <sup>b</sup>	0.012 2.0	0.021 2.24	0.471 2.51	0.56	0.44	$0.3 \times 10^{-4}$	1.75 0.44	1.53 0.012	1.53 0.008	15 300	Average continental
Barnaba and Gobbi (2004a) <sup>a</sup>	0.007–0.012 1.7–2.0	0.021–0.077 2.03–2.24	0.403–0.5 2.11–2.24	6.1–54.2	45.8–93.9	(2–26.1) $\times 10^{-4}$	1.25–2.00 0.07–1.00	1.53 $6 \times 10^{-3}$	1.53 $8 \times 10^{-3}$	$10^3$ – $10^4$	
Omar et al. (2009) <sup>a</sup>	–	0.093–0.10 1.53–1.61	0.68–0.76 1.9–2.1	–	0.999–1	(0.02–3) $\times 10^{-4}$	– (0.1–6.3) $\times 10^{-3}$	1.38–1.40 (3.4–6.3) $\times 10^{-3}$	1.40–1.46 (3.4–6.3) $\times 10^{-3}$	–	Clean and polluted continental
Levy et al. (2007) <sup>b</sup>	0.018 2.0	0.005 2.97	0.5 2.97	1	$1 \times 10^{-7}$	$1 \times 10^{-13}$	1.75 0.44	1.53 $6 \times 10^{-3}$	1.53 $8 \times 10^{-3}$	–	
Barnaba et al. (2007) <sup>a</sup>	–	0.05–0.1 1.35–1.70	0.4–0.5 1.5–2.0	–	0.98–0.99	0.01–0.02	–	1.35–1.55 (2.5–20) $\times 10^{-3}$	1.53–1.6 (1.0–80) $\times 10^{-4}$	$(1 - 3) \times 10^3$	Continental– coastal
Amiridis et al. (2015) <sup>a</sup>	–	0.03–0.9 1.6–2.2	0.47–0.69 1.9–2.5	–	1	(4–8) $\times 10^{-7}$	– (2.3–6) $\times 10^{-3}$	1.42–1.45 (2.3–6) $\times 10^{-3}$	1.45–1.53 (2.3–6) $\times 10^{-3}$	–	Clean and polluted continental