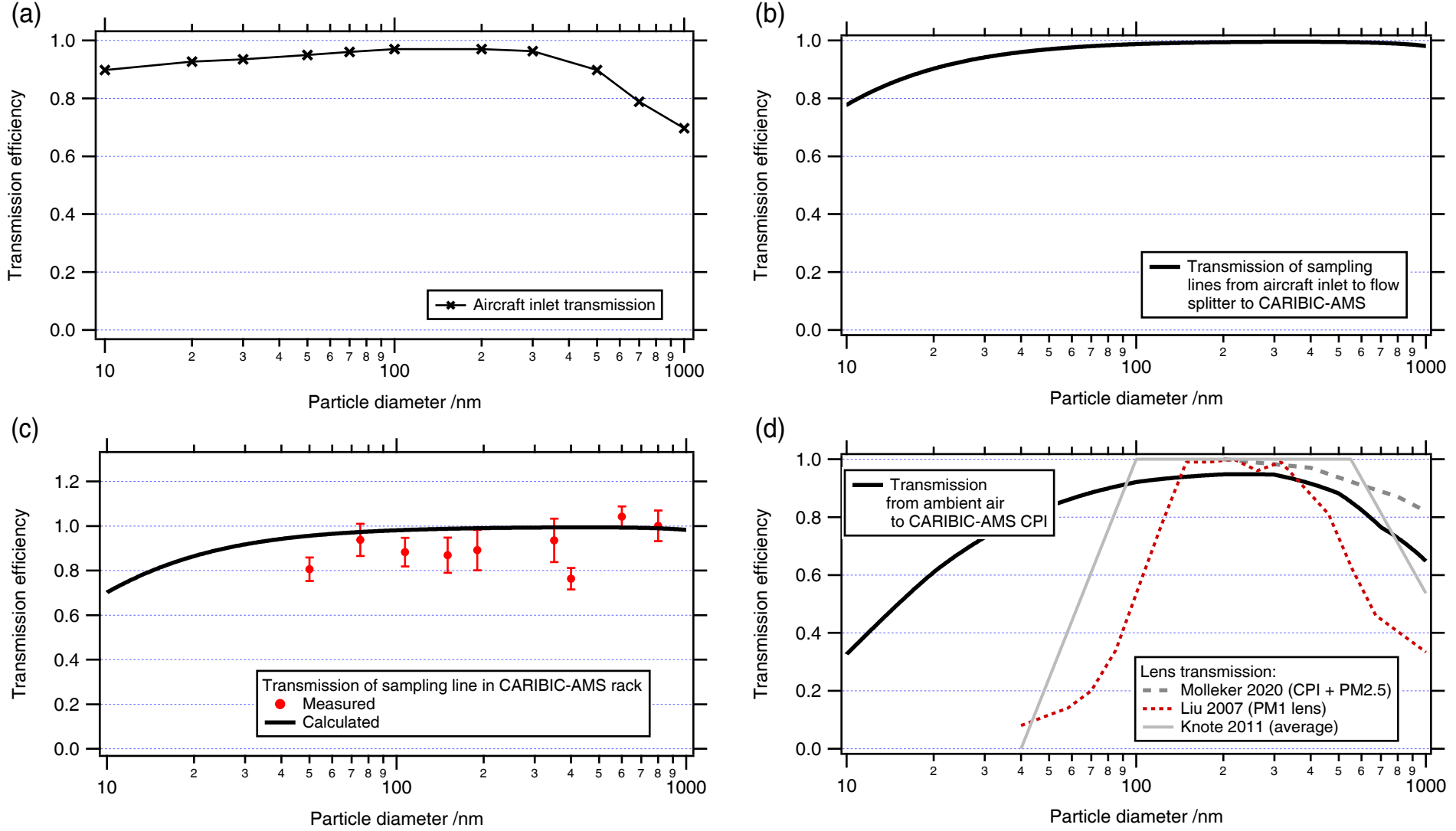
(a)
Transmission efficiency
Aircraft inlet transmission
Particle diameter /nm
(b)
Transmission efficiency
Transmission of sampling lines from aircraft inlet to flow splitter to CARIBIC-AMS
Particle diameter /nm
(c)
Transmission efficiency
Transmission of sampling line in CARIBIC-AMS rack
Measured
Calculated
Particle diameter /nm
(d)
Transmission efficiency
Transmission from ambient air to CARIBIC-AMS CPI
Lens transmission:
Molleker 2020 (CPI + PM2.5)
Liu 2007 (PM1 lens)
Knote 2011 (average)
Particle diameter /nm