The left panel (a) shows the distribution of particle sizes ($d_{p90-600nm}$) as a function of altitude in km. The black line represents the median, while the grey shaded area indicates the 25–75th percentile range. Triangles denote the mode for UT, MT, and LT, respectively.

The right panel (b) presents the differential number concentration ($dN/d\log(d_p)$) for the same particle size range. The color coding corresponds to UT (red), MT (orange), and LT (blue). The shaded areas represent the 25–75th percentile ranges for each time period.