

The figure consists of two panels. The top panel is a scatter plot showing the relic density parameter $\Omega_{\text{cdm}} h^2$ for various dark matter models. The y-axis ranges from 0.2 to 1.0. Data points are shown for Planck 2015 (red), Planck 2018 (purple), and this study (black). The bottom panel is a bar chart showing the evolution of $\Omega_{\text{cdm}} h^2$ for different dark matter models (e.g., WIMP, axion, etc.) across different redshifts. The y-axis ranges from 1.0 to 1.2. The x-axis for both panels is labeled with various dark matter models and their corresponding relic density parameters.