

Figure 5. Mass models for two SPARC galaxies adopting disk = 0.5 M/L and bu = 0.7 M/L. Top panels show the [3.6] surface brightness profiles (red dots) and exponential fits to the outer stellar disk (dashed line). Open circles show extrapolated values for bulge (purple) and disk (red) components. Bottom panels show the observed rotation curves (black dots) and the velocity contributions due to gas (green dotted line), stars (red dashed line), bulge (purple dot-dashed line), and total baryons (blue solid line). The arrows indicate three characteristic radii:  $2.2R_d$  (gray),  $R_{\text{eff}}$  (red), and  $R_{\text{bar}}$  (blue). The gray band shows the velocity points used to compute  $V_f$  (black solid line), as described in Lelli et al. (2016). from SPARC: MASS MODELS FOR 175 DISK GALAXIES WITH SPITZER PHOTOMETRY AND ACCURATE ROTATION CURVES

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