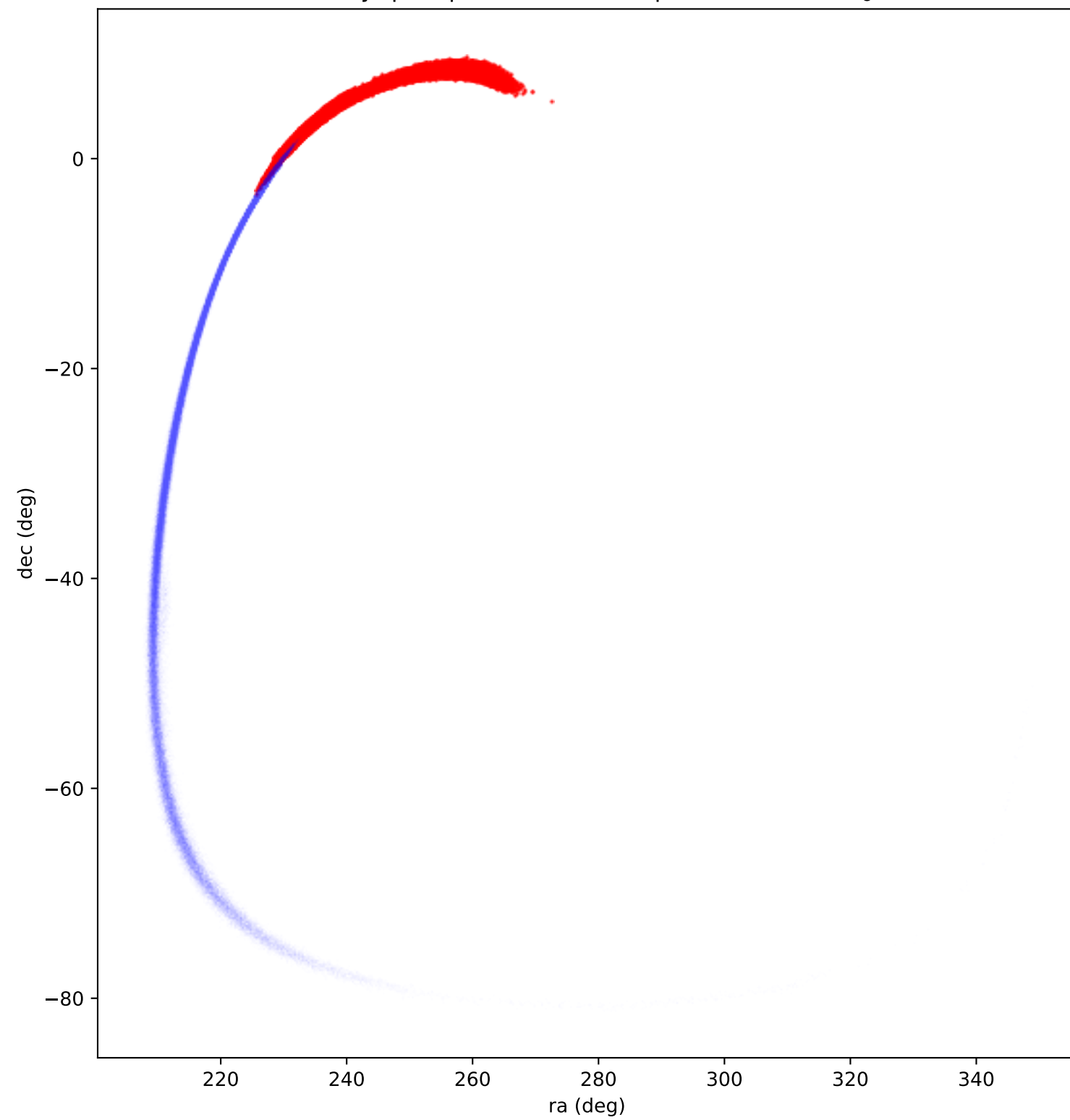


1.5 Gyr pat speed = 35 km/s/kpc, $M_{\text{bar}} = 10^{10} M_{\odot}$



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