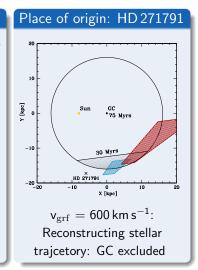
Run-away and Hyper-velocity stars in the Galactic halo

Run-away and Hypervelocity Stars

- Early-type main-sequence stars in the halo $(3-10 M_{\odot})$ escaped from star-froming regions
- Run-away stars: Dynamical ejection from Galactic clusters
- Run-away stars: Binary-Supernova Ejection
- Hyper-velocity stars (HVS): \approx 2 dozen B-stars at 10 – 100kpc $v_{\rm grf}$ > $v_{\rm esc}$ unbound to the Galaxy
- tidal disruption of a binary by a SMBH (Galactic Centre)



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Chemical tagging

