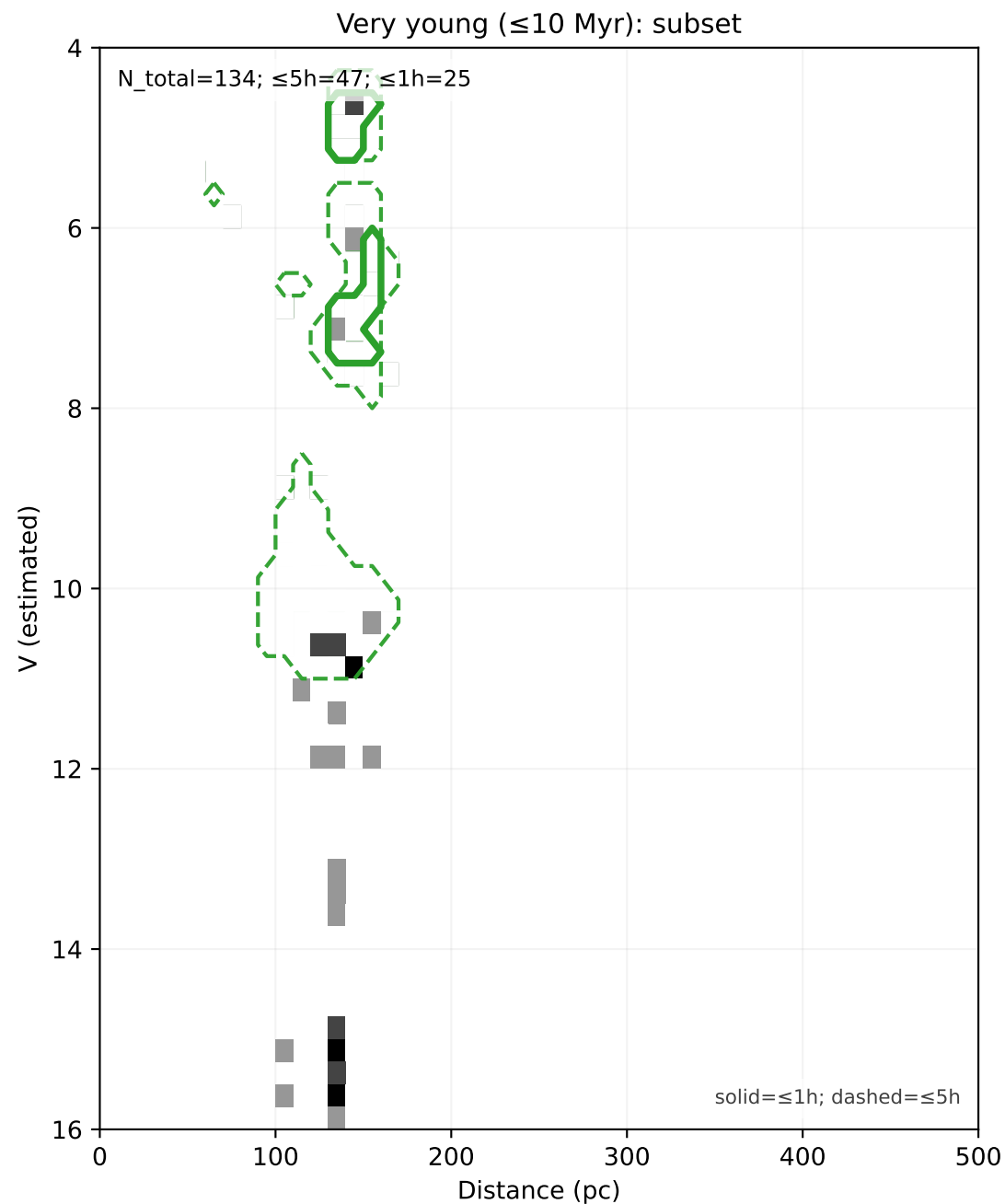
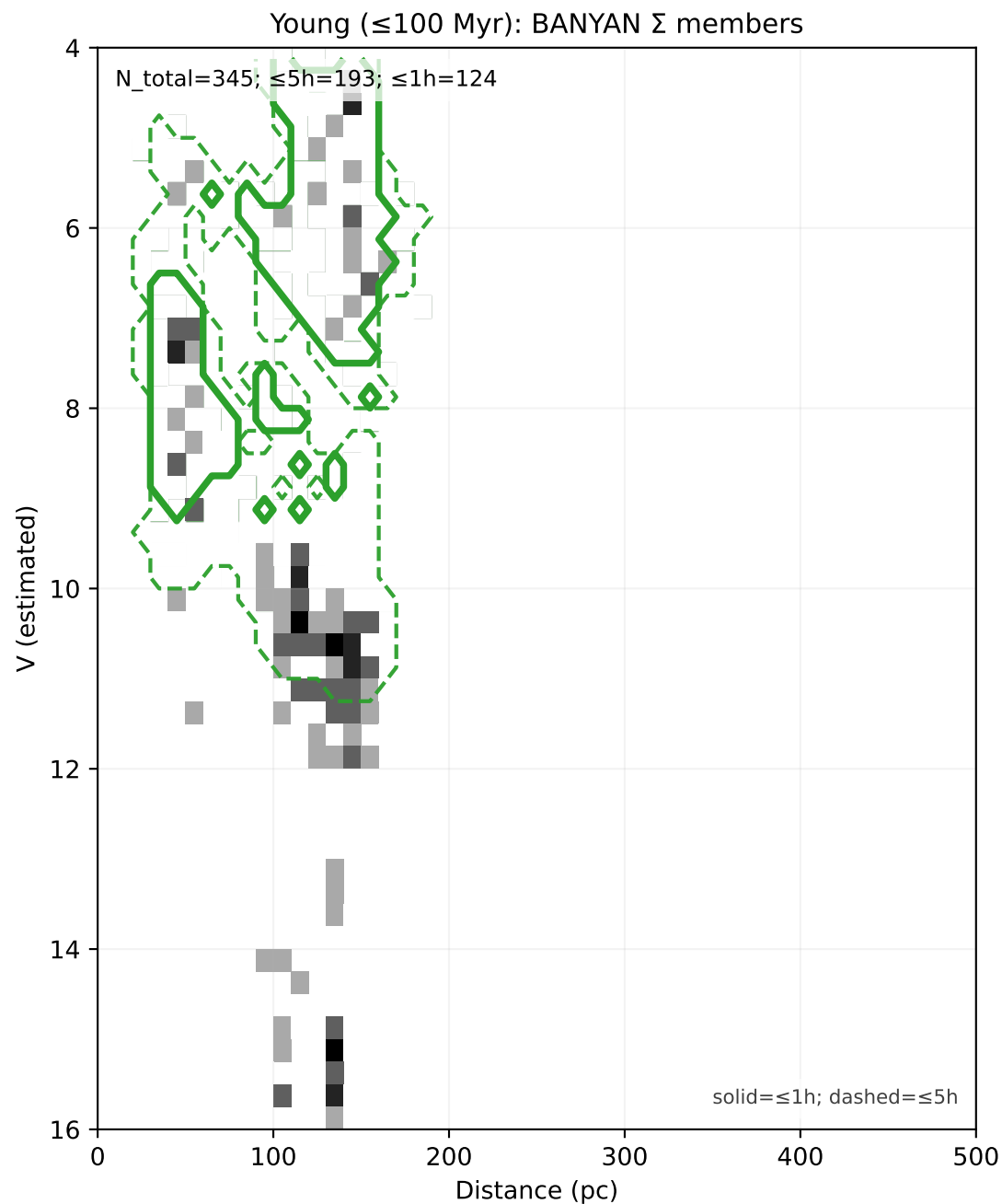


# Gaia DR3 young-star distance-V density with SNR-based reachability tiers (BANYAN $\Sigma$ members)



Greyscale: BANYAN  $\Sigma$  member density (binned, after Gaia quality cuts). Color: reachable in all three bands (NUV+VIS+NIR) from ETC-trained SNR proxy; solid contour= $\leq 1h$ , dashed contour= $\leq 5h$ .  $V$  from Gaia (G, BP-RP; no extinction).