roman v3.3 10yrs: CumulativeCompleteness 1.0 NEO 3 pairs in 15 nights SNR=4 detection loss: @ H(<=22.0) = 61.8%NEO 3 pairs in 15 nights SNR=5 detection loss: @ H(<=22.0) = 58.3%NEO 3 pairs in 15 nights SNR=3 detection loss: @ H(<=22.0) = 66.3%NEO 1 guad in 1 night detection loss: @ H(<=22.0) = 57.5%NEO 3 pairs in 15 nights SNR=0 detection loss: @ H(<=22.0) = 94.6% NEO Single detection detection loss: @ H(<=22.0) = 77.4%0.8 NEO 3 triplets in 30 nights detection loss: @ H(<=22.0) = 26.0%NEO 3 pairs in 15 nights trailing loss: 9 H(<=22.0) = 58.6% NEO 3 pairs in 30 nights detection loss: @ H(<=22.0) = 62.4%NEO Single pair detection loss: @ H(<=22.0) = 77.6%NEO 3 pairs in 15 nights detection loss: @  $H(\le 22.0) = 58.0\%$ NEO 4 pairs in 20 nights detection loss: a H(<=22.0) = 50.6% 0.6 Completeness NEO 6 detections in 60 nights detection loss: @ H(<=22.0) = 72.8%NEO 3 pairs in 30 nights trailing loss: a H(<=22.0) = 63.0% 0.2 0.0 16 18 20 22 24 26 28

H (mag)