roman v3.3 10yrs: CumulativeCompleteness TNO Single pair detection loss: a H(<=8.0) = 60.4% TNO 3 pairs in 15 nights trailing loss: a H(<=8.0) = 49.0% TNO 1 quad in 1 night detection loss: @ H(<=8.0) = 52.1%TNO 3 triplets in 30 nights detection loss: a H(<=8.0) = 31.8% 8.0 TNO 3 pairs in 15 nights SNR=4 detection loss: a H(<=8.0) = 53.0% TNO 3 pairs in 15 nights SNR=0 detection loss: 9 H(<=8.0) = 90.2% TNO 4 pairs in 20 nights detection loss: @ H(<=8.0) = 44.1%TNO 3 pairs in 15 nights detection loss:  $\bigcirc$  H(<=8.0) = 49.0% TNO 3 pairs in 15 nights SNR=5 detection loss: @ H(<=8.0) = 48.9%TNO Single detection detection loss: @ H(<=8.0) = 60.4%0.6 TNO 3 pairs in 15 nights SNR=3 detection loss: @ H(<=8.0) = 57.3%TNO 3 pairs in 30 nights trailing loss: a H(<=8.0) = 51.5% Completeness TNO 6 detections in 60 nights detection loss: @ H(<=8.0) = 57.6%TNO 3 pairs in 30 nights detection loss: @ H(<=8.0) = 51.5%0.2 0.0 5 6 8 9 10 11 12

H (mag)