baseline v4.0 10yrs: CumulativeCompleteness PHA 3 pairs in 30 nights detection loss: @ H(<=22.0) = 64.3%1.0 PHA 3 pairs in 15 nights SNR=0 detection loss: @ H(<=22.0) = 95.7%PHA Single detection detection loss: @ H(<=22.0) = 79.5%PHA 3 pairs in 15 nights trailing loss: @ H(<=22.0) = 60.0%PHA Single pair detection loss: @ H(<=22.0) = 79.6%PHA 3 pairs in 15 nights SNR=4 detection loss: @ H(<=22.0) = 63.0%0.8 PHA 3 pairs in 15 nights SNR=5 detection loss: @ H(<=22.0) = 59.6%PHA 1 guad in 1 night detection loss: a H(<=22.0) = 60.0% PHA 3 triplets in 30 nights detection loss: @ H(<=22.0) = 24.3%PHA 3 pairs in 30 nights trailing loss: @ H(<=22.0) = 64.9%PHA 6 detections in 60 nights detection loss: @  $H(\le 22.0) = 74.6\%$ PHA 3 pairs in 15 nights detection loss: @ H(<=22.0) = 59.4%0.6 Completeness PHA 3 pairs in 15 nights SNR=3 detection loss: @ H(<=22.0) = 67.3%PHA 4 pairs in 20 nights detection loss: @ H(<=22.0) = 51.4%0.2 0.0 16 18 20 22 24 26 28

H (mag)