baseline v2.2 10yrs: CumulativeCompleteness 1.0 PHA 3 pairs in 15 nights SNR=4 detection loss: a H(<=22.0) = 62.5% PHA Single pair detection loss: @ H(<=22.0) = 78.0%PHA 3 pairs in 15 nights SNR=0 detection loss: @ H(<=22.0) = 94.0%PHA 3 pairs in 15 nights SNR=3 detection loss: @ H(<=22.0) = 66.8%PHA 4 pairs in 20 nights detection loss:  $\bigcirc$  H(<=22.0) = 51.1% PHA 3 pairs in 15 nights trailing loss: @ H(<=22.0) = 59.7%8.0 PHA 3 pairs in 30 nights detection loss: @ H(<=22.0) = 63.8%PHA 3 pairs in 15 nights detection loss: @ H(<=22.0) = 59.0%PHA 1 quad in 1 night detection loss: @ H(<=22.0) = 59.7%PHA 3 triplets in 30 nights detection loss: @ H(<=22.0) = 30.9%PHA 3 pairs in 30 nights trailing loss: a H(<=22.0) = 64.4% 0.6 PHA 3 pairs in 15 nights SNR=5 detection loss: a H(<=22.0) = 59.2% Completeness PHA 6 detections in 60 nights detection loss: @ H(<=22.0) = 72.7%PHA Single detection detection loss: @ H(<=22.0) = 77.9%0.2 0.0 16 18 20 22 24 26 28

H (mag)