internal u expt30 nscale1.2v3.4 10yrs: CumulativeCompleteness PHA 3 pairs in 15 nights detection loss: @ H(<=22.0) = 59.8%1.0 PHA 3 pairs in 15 nights SNR=3 detection loss: @ H(<=22.0) = 67.7%PHA Single detection detection loss: @ H(<=22.0) = 79.5%PHA 4 pairs in 20 nights detection loss: @ H(<=22.0) = 52.1%PHA 3 pairs in 30 nights detection loss: \bigcirc H(<=22.0) = 64.4% PHA 6 detections in 60 nights detection loss: @ H(<=22.0) = 74.6%0.8 PHA Single pair detection loss: @ H(<=22.0) = 79.6%PHA 3 triplets in 30 nights detection loss: \bigcirc H(<=22.0) = 26.1% PHA 3 pairs in 30 nights trailing loss: @ H(<=22.0) = 64.9%PHA 3 pairs in 15 nights SNR=4 detection loss: @ H(<=22.0) = 63.4%PHA 3 pairs in 15 nights trailing loss: a H(<=22.0) = 60.3% PHA 3 pairs in 15 nights SNR=5 detection loss: @ $H(\le 22.0) = 59.9\%$ 0.6 Completeness PHA 1 quad in 1 night detection loss: @ $H(\le 22.0) = 59.0\%$ PHA 3 pairs in 15 nights SNR=0 detection loss: @ H(<=22.0) = 96.0%0.2 0.0 16 18 20 22 24 26 28

H (mag)