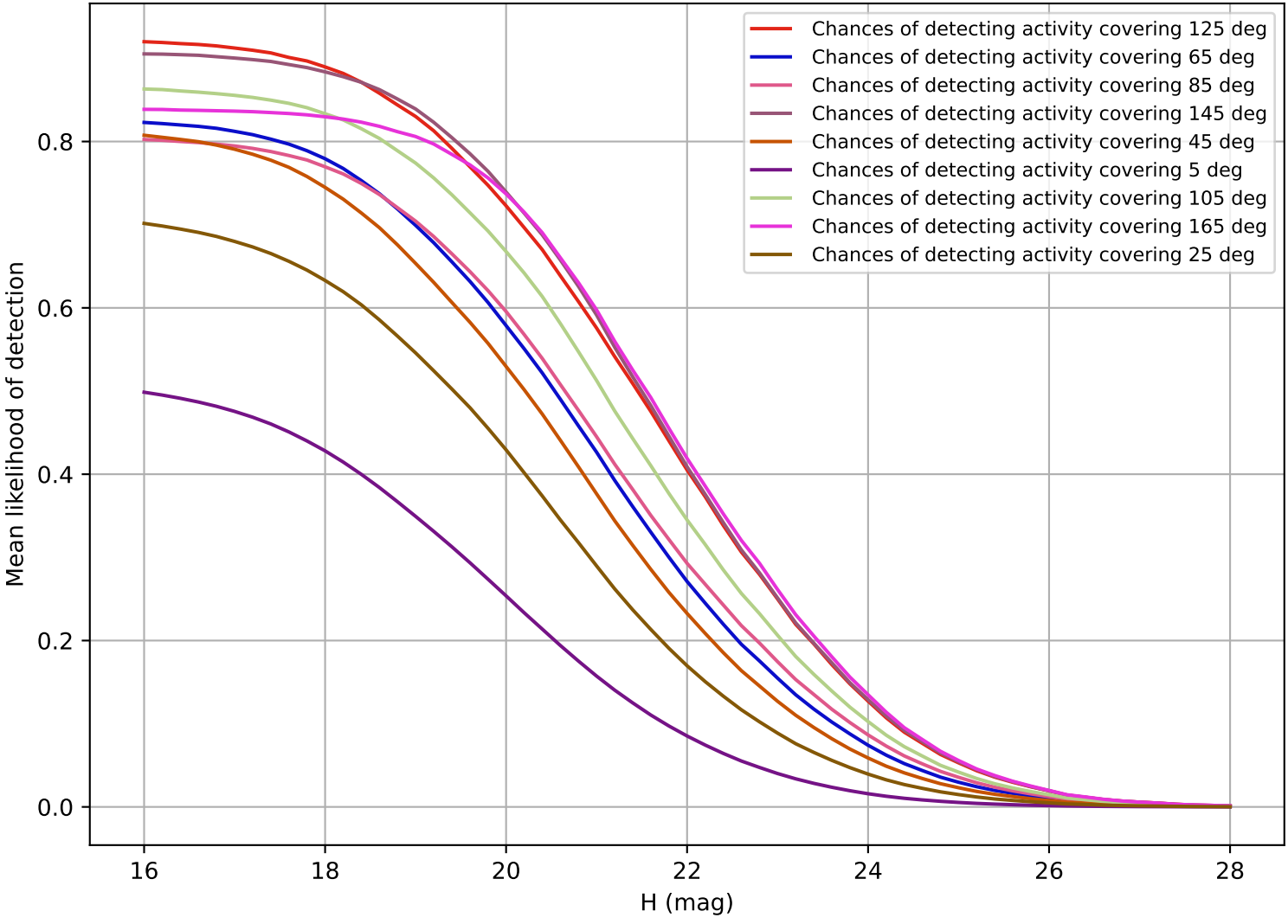too_100_4v3.4_10yrs PHA