

fraction of detected planets

$$Z_2/Z_0 = 0.5$$

$10^{-1}$

- $n_{\text{det}}^0(r_{\text{a}})/n_{\text{det}}^{\text{tot}}(r_{\text{a}})$
- $n_{\text{det}}^1(r_{\text{a}})/n_{\text{det}}^{\text{tot}}(r_{\text{a}})$
- $n_{\text{det}}^2(r_{\text{a}})/n_{\text{det}}^{\text{tot}}(r_{\text{a}})$

apparent planet radius,  $r_{\text{a}} [r_{\oplus}]$

