Cumulative Response Fraction for C_ℓ ($\ell \in [500, 5000]$, source $z_s \approx 1$)
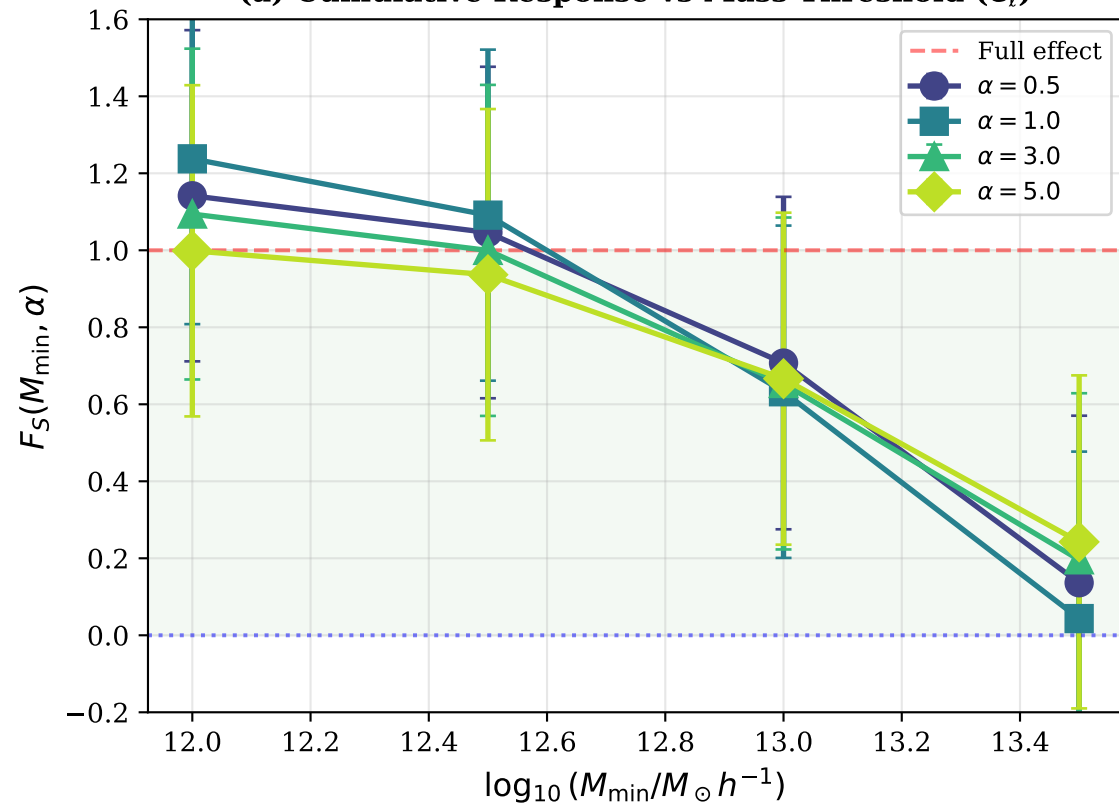
(a) Cumulative Response vs Mass Threshold (C_ℓ)

Legend:
- Full effect
- $\alpha = 0.5$
- $\alpha = 1.0$
- $\alpha = 3.0$
- $\alpha = 5.0$

Y-axis: $F_S(M_{\min}, \alpha)$
X-axis: $\log_{10}(M_{\min}/M_\odot h^{-1})$

(b) Cumulative Response vs Replacement Radius (C_ℓ)

Legend:
- Full effect
- $M > 10^{12.0}$
- $M > 10^{12.5}$
- $M > 10^{13.0}$
- $M > 10^{13.5}$

Y-axis: $F_S(M_{\min}, \alpha)$
X-axis: Radius Factor α ($r < \alpha \times R_{200}$)