Theta calculated in ICRS using astropy
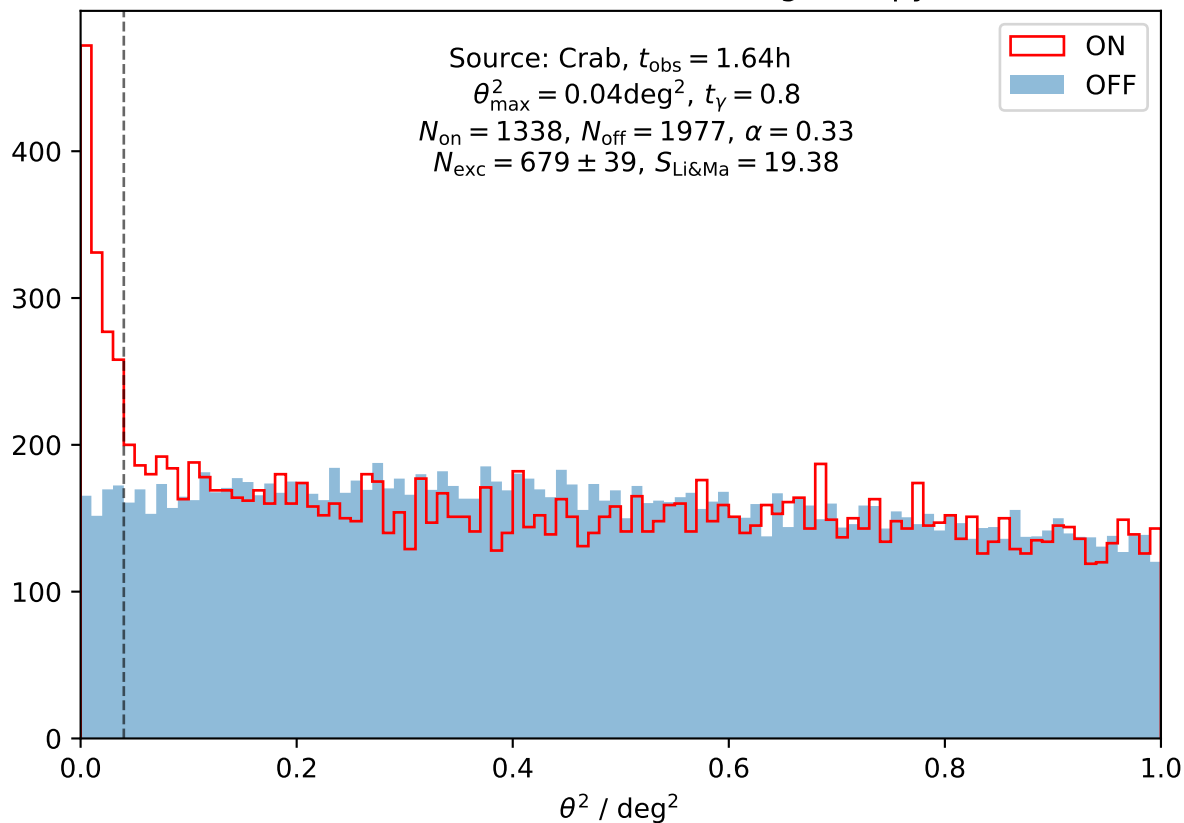
Source: Crab, $t_{\mathrm{obs}} = 1.64\mathrm{h}$
$\theta^2_{\mathrm{max}} = 0.04\mathrm{deg}^2$, $t_\gamma = 0.8$
$N_{\mathrm{on}} = 1338$, $N_{\mathrm{off}} = 1977$, $\alpha = 0.33$
$N_{\mathrm{exc}} = 679 \pm 39$, $S_{\mathrm{Li\&Ma}} = 19.38$

ON
OFF

θ^2 / deg^2

Energy-dependent t_γ optimised using pyirf

Source: Crab, $t_{\mathrm{obs}} = 1.64\mathrm{h}$
$\theta_{\max}^2 = 0.04\mathrm{deg}^2$, $t_\gamma = \mathrm{energy-dependent}$
$N_{\mathrm{on}} = 483$, $N_{\mathrm{off}} = 946$, $\alpha = 0.33$
$N_{\mathrm{exc}} = 168 \pm 24$, $S_{\mathrm{Li\&Ma}} = 7.43$

ON
OFF

Energy-dependent t_γ and θ^2_{max} optimised using pyirf

Source: Crab, $t_{obs} = 1.64$h
$N_{on} = 348$, $N_{off} = 768$, $\alpha = 0.33$
$N_{exc} = 92 \pm 21$, $S_{Li\&Ma} = 4.65$
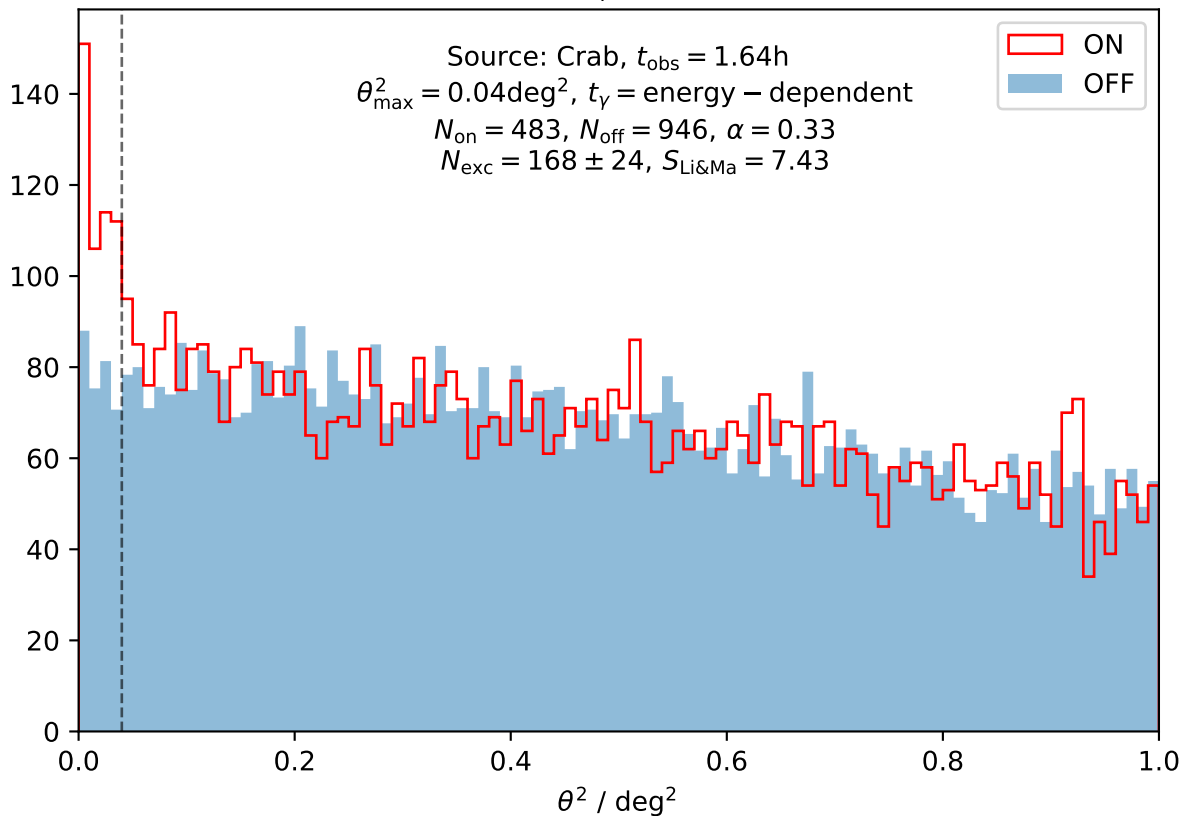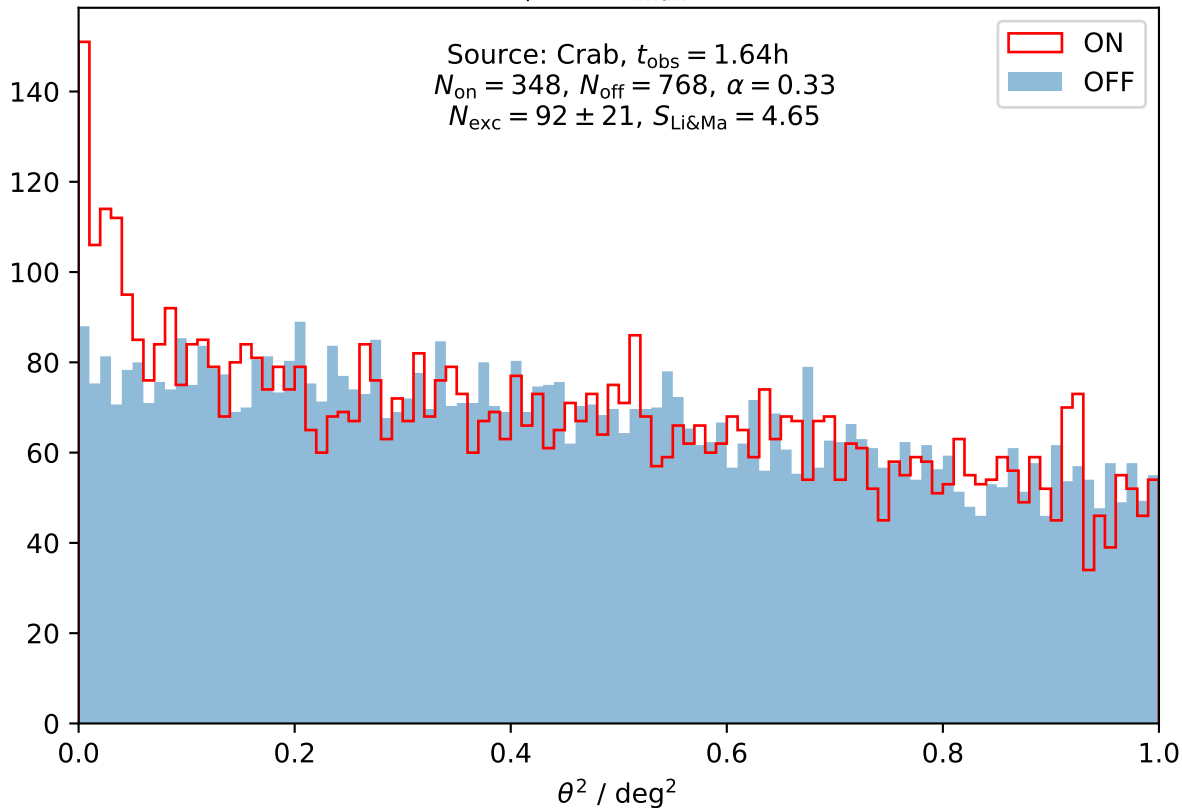
Minimal Flux Satisfying Requirements for 50 hours
(based on 1.64h of Crab observations)