

O6

Relative  
frequency90th  
percentile  
683  
Mpc  
905  
Mpc

All events

Triggered

Detected

Detection prob.

Objective val.

0.0 0.5 1.0

90% credible area,  $A_{90\%}$  ( $\text{deg}^2$ ) $10^4$   
 $10^3$   
 $10^2$   
 $10^1$   
 $10^0$   
 $10^{-1}$  $10^2$  $10^3$ Luminosity distance,  $d_L$  (Mpc)Area  $\propto$  distance $^{-4}$ 

Max distance

90th  
percentile684  $\text{deg}^2$ 494  $\text{deg}^2$ 