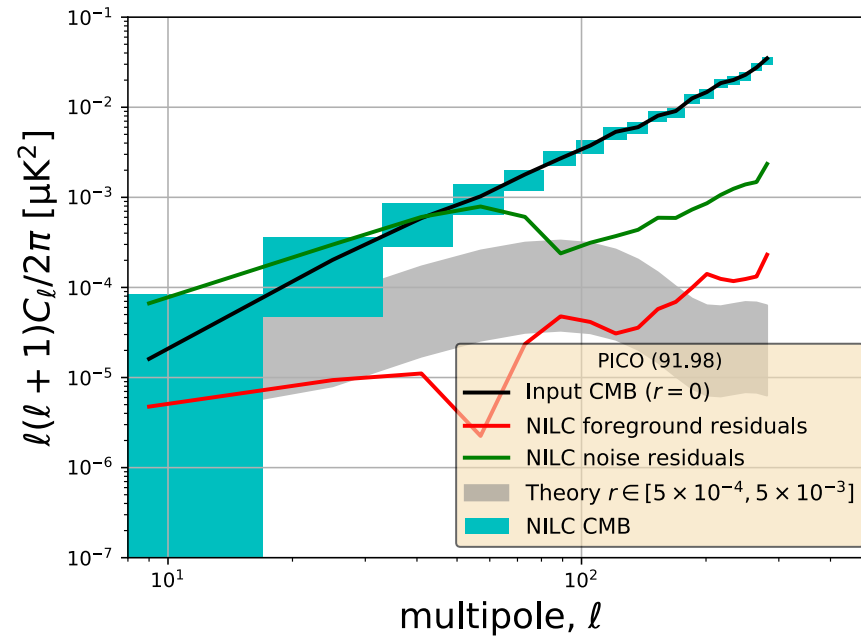
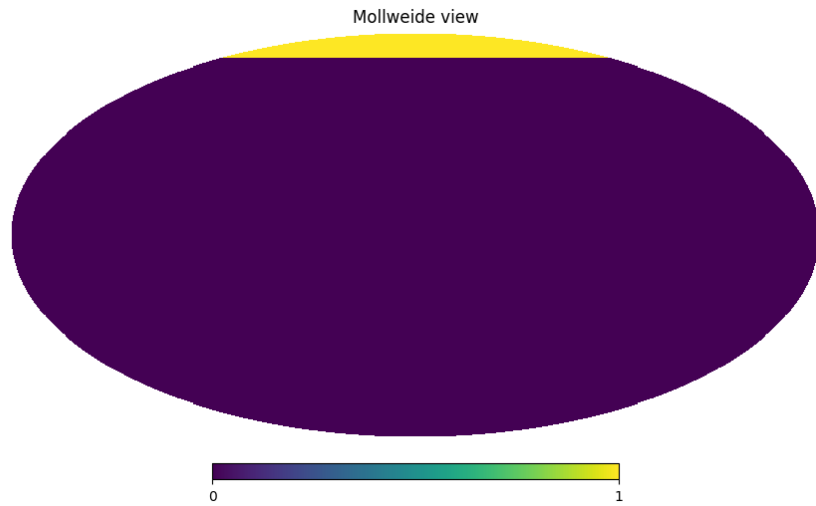


PICO results for model 98 (MKD) in small patches

Mathieu Remazeilles

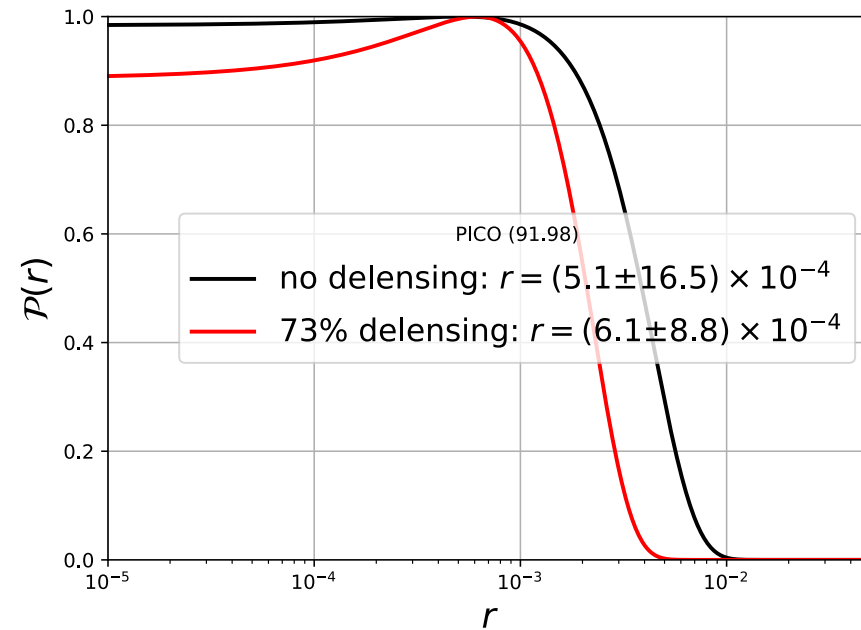
3 March 2022

Patch 1

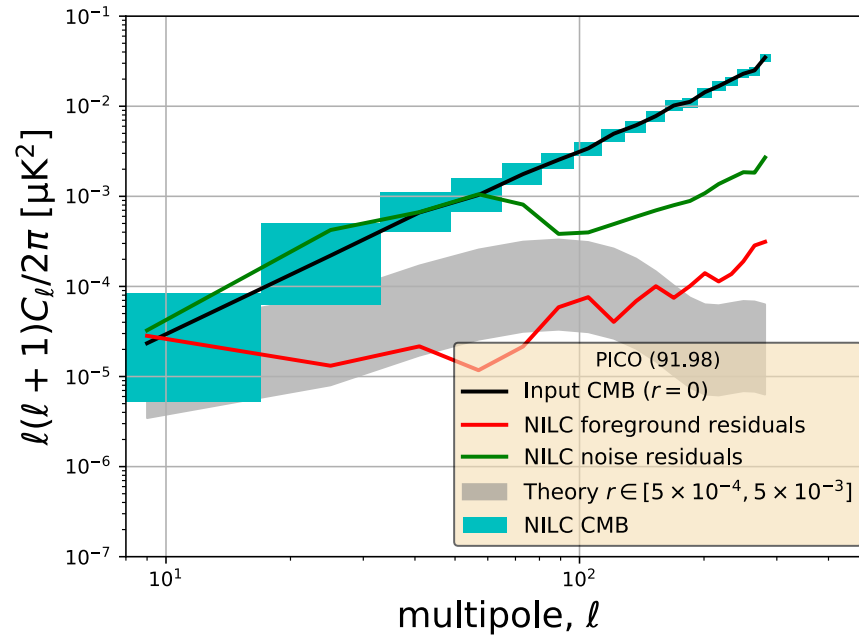
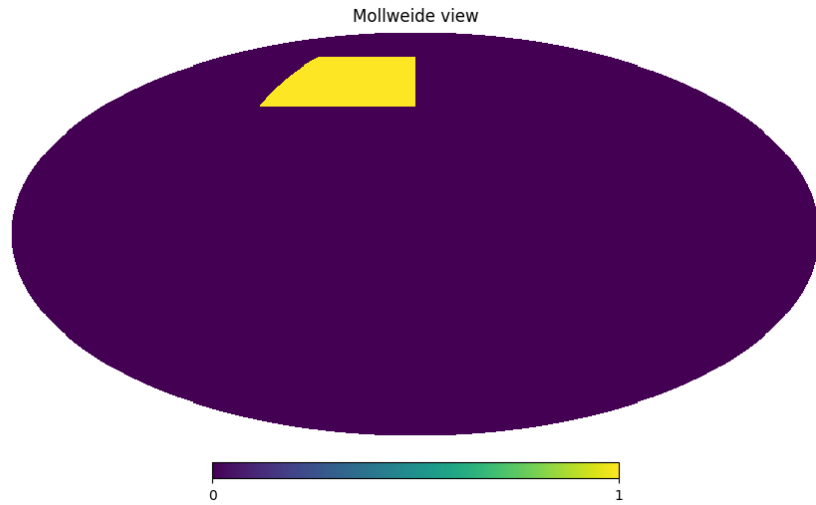


$$f_{\text{sky}} = 2.5\%$$

Binning: $\Delta l = 16$

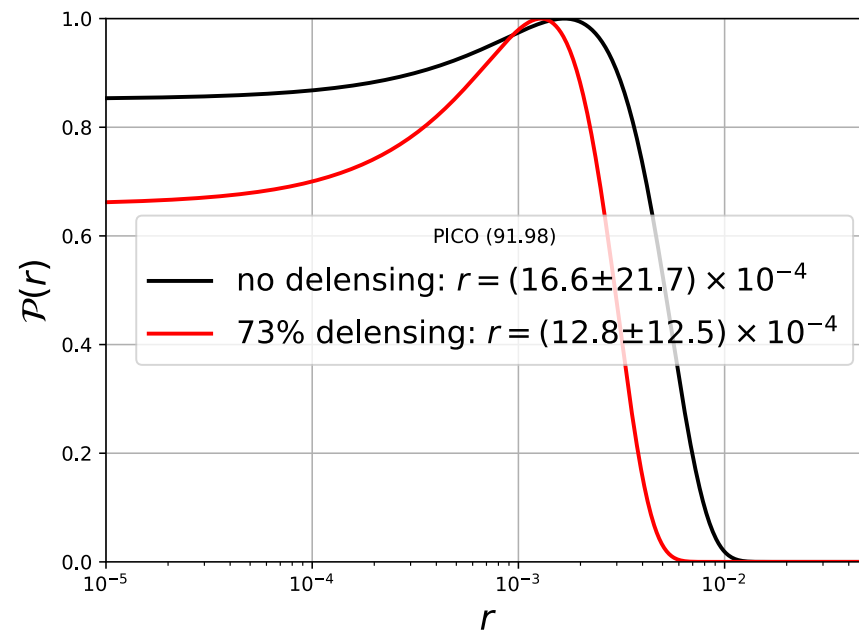


Patch 2

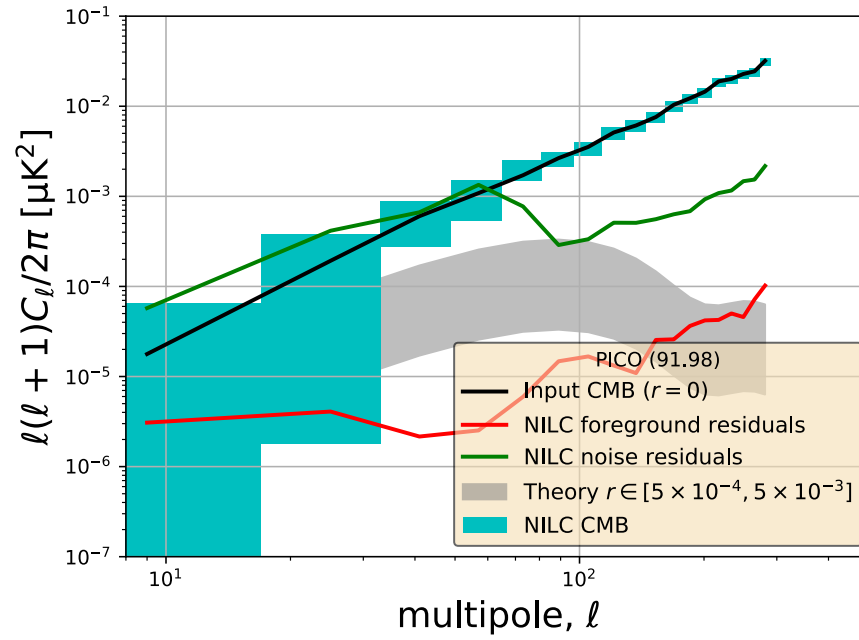
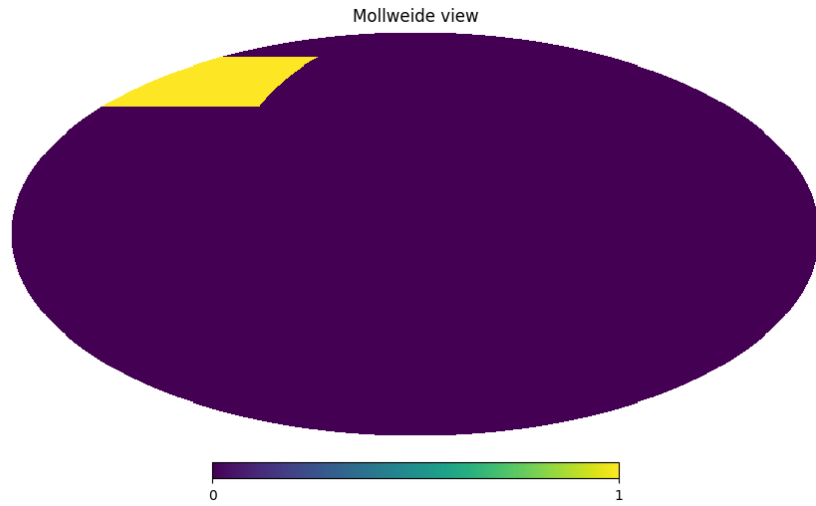


$$f_{\text{sky}} = 2.5\%$$

$$\text{Binning: } \Delta\ell = 16$$

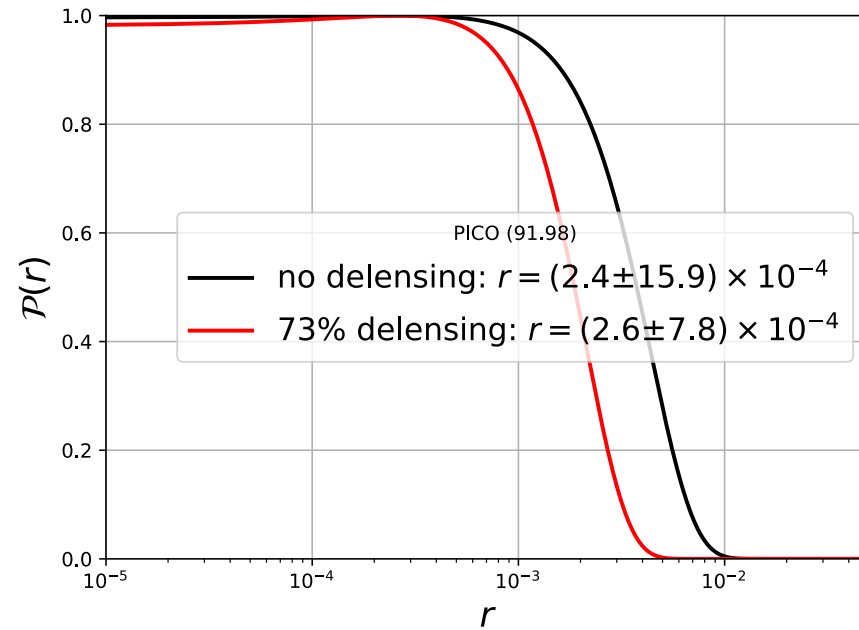


Patch 3

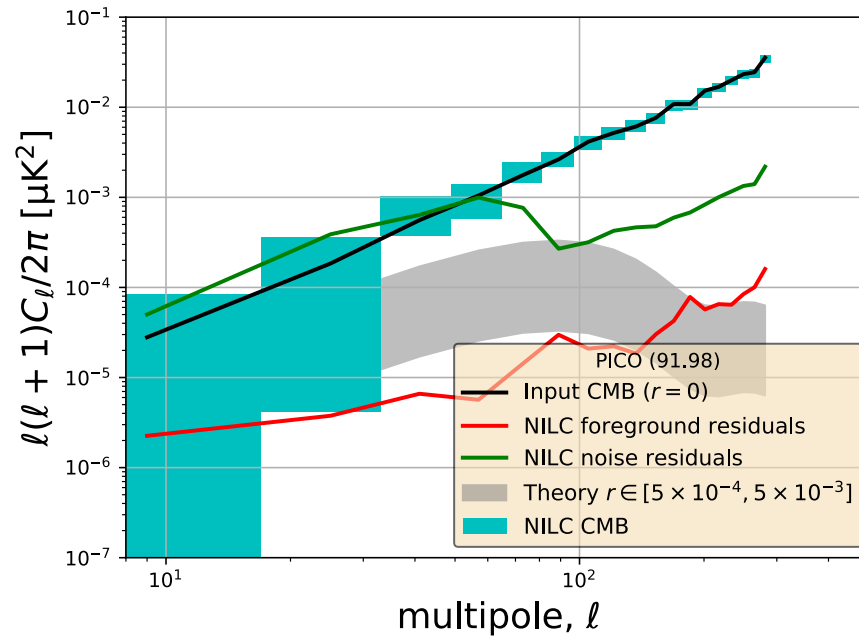
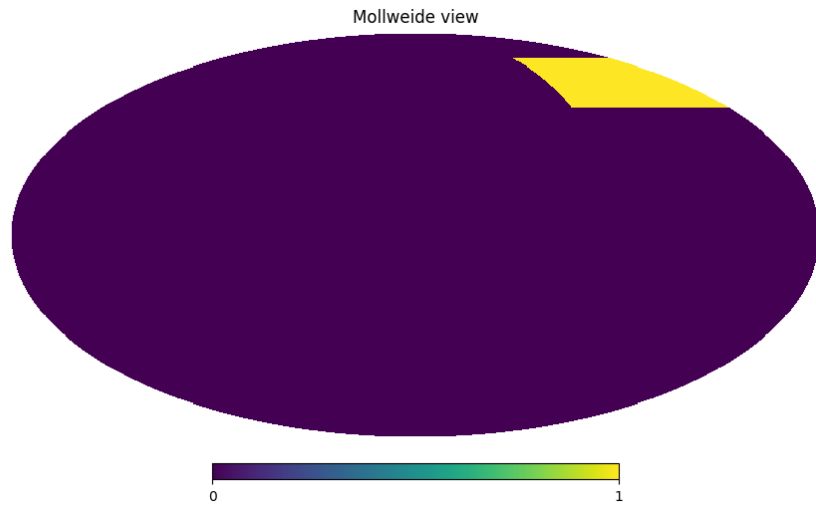


$$f_{\text{sky}} = 2.5\%$$

$$\text{Binning: } \Delta\ell = 16$$

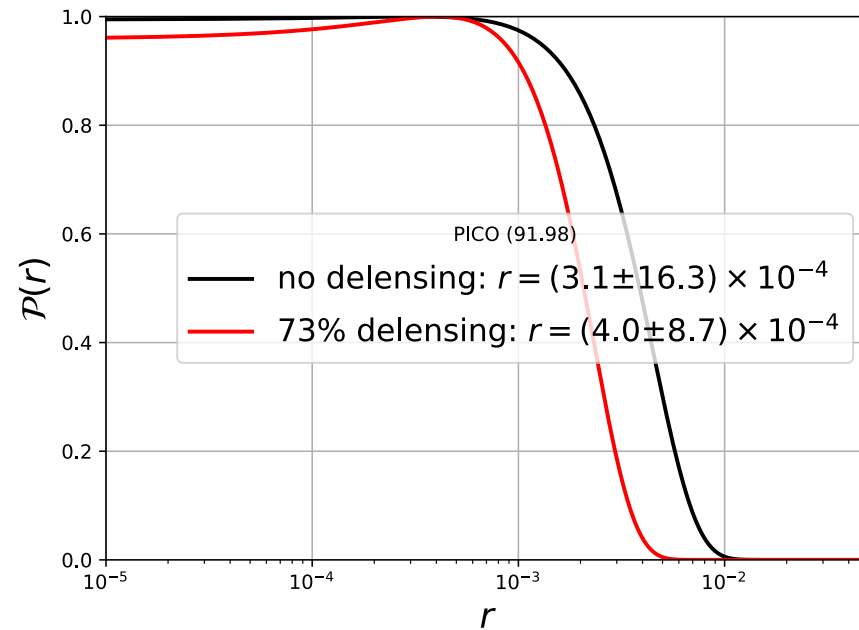


Patch 4

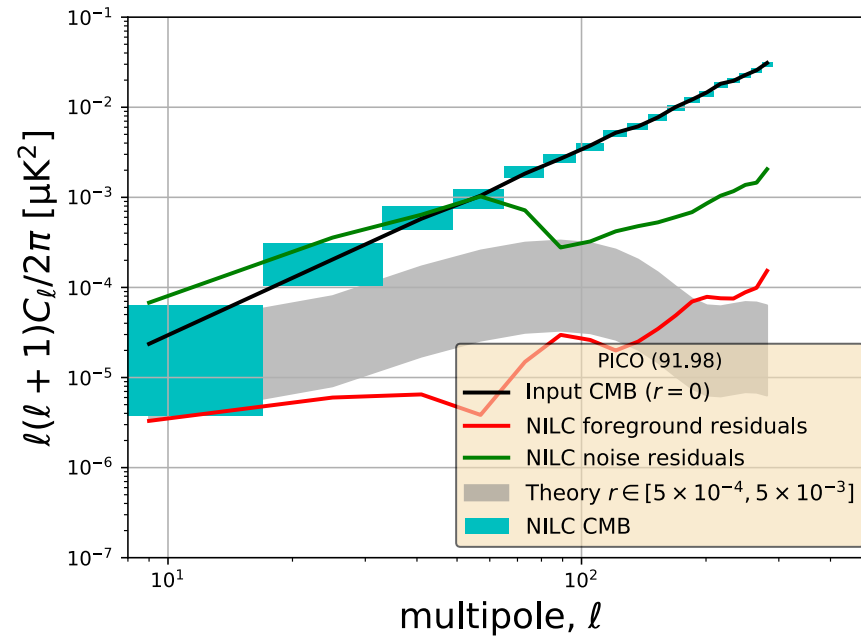
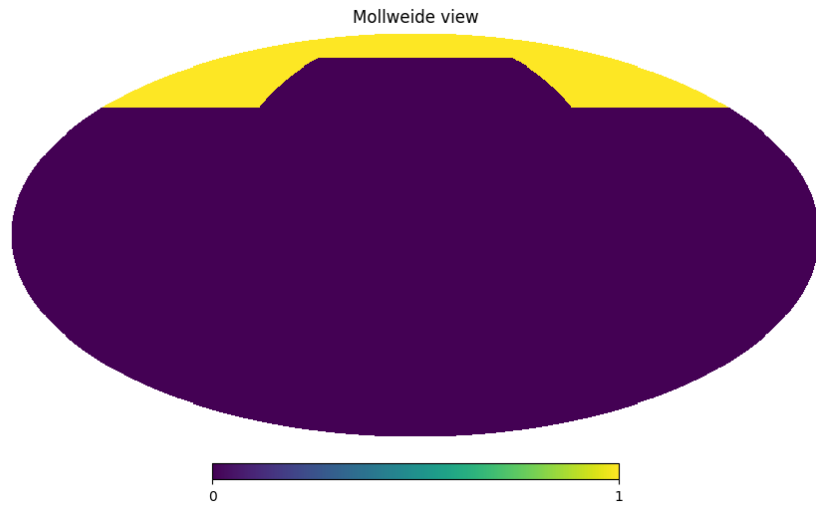


$$f_{\text{sky}} = 2.5\%$$

$$\text{Binning: } \Delta\ell = 16$$

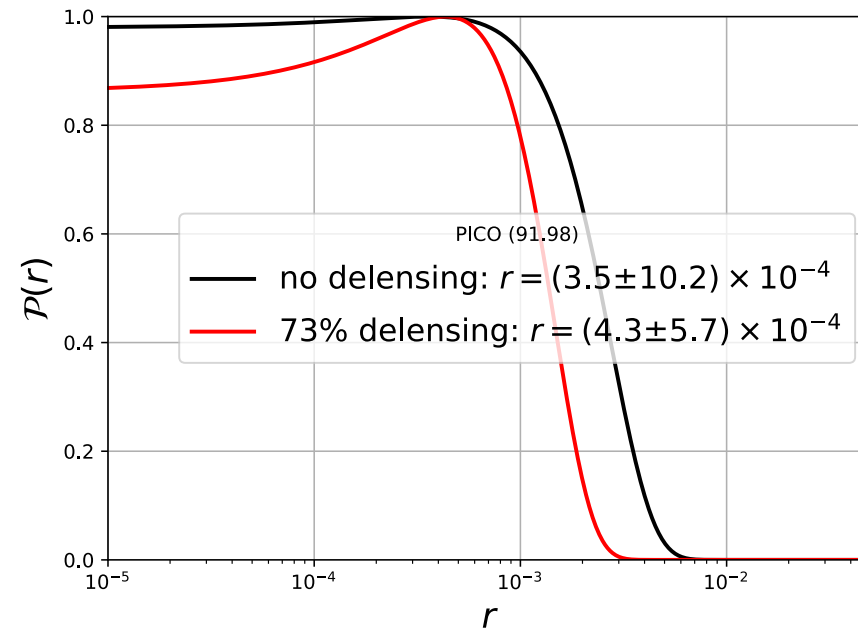


Patches 1, 3, and 4

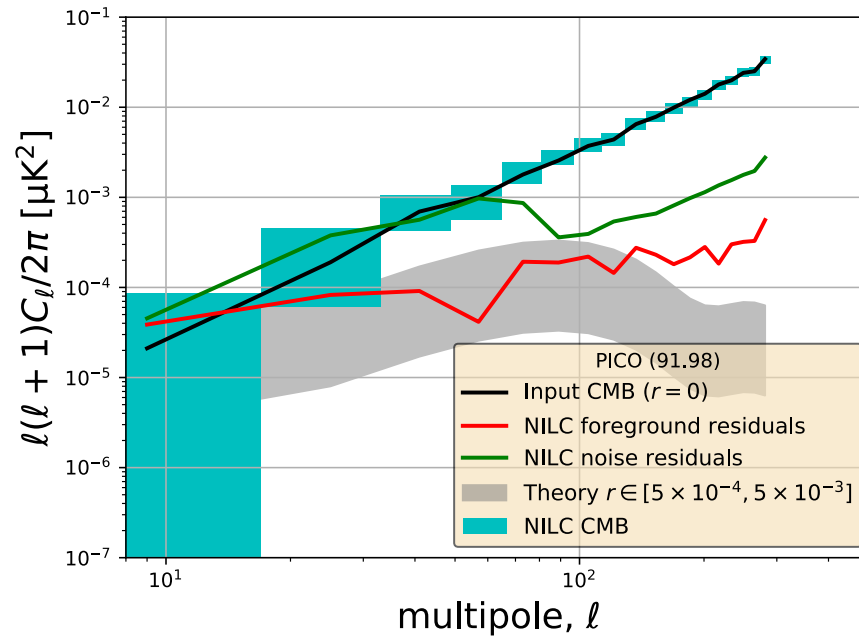
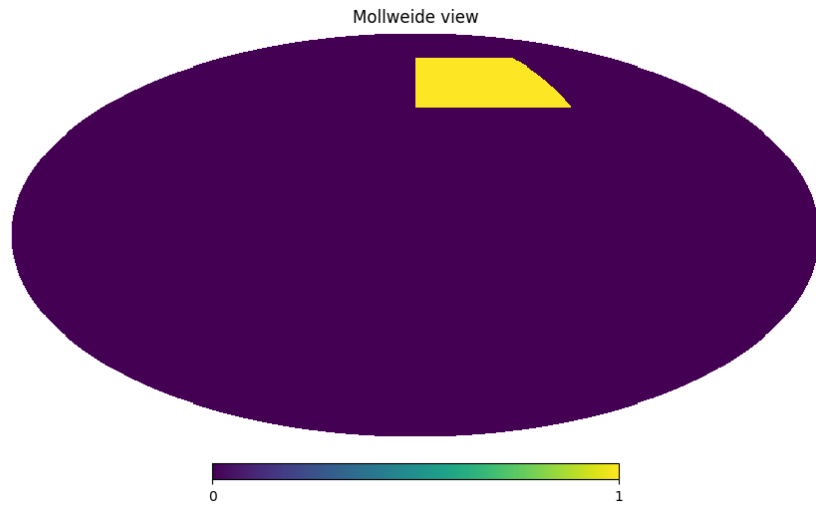


$$f_{\text{sky}} = 7.5\%$$

Binning: $\Delta l = 16$

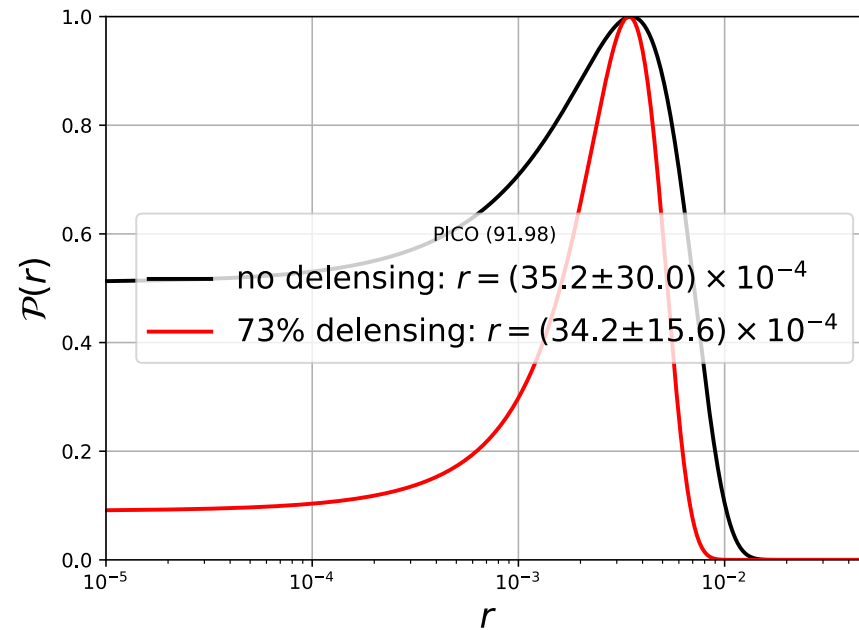


Patch 5

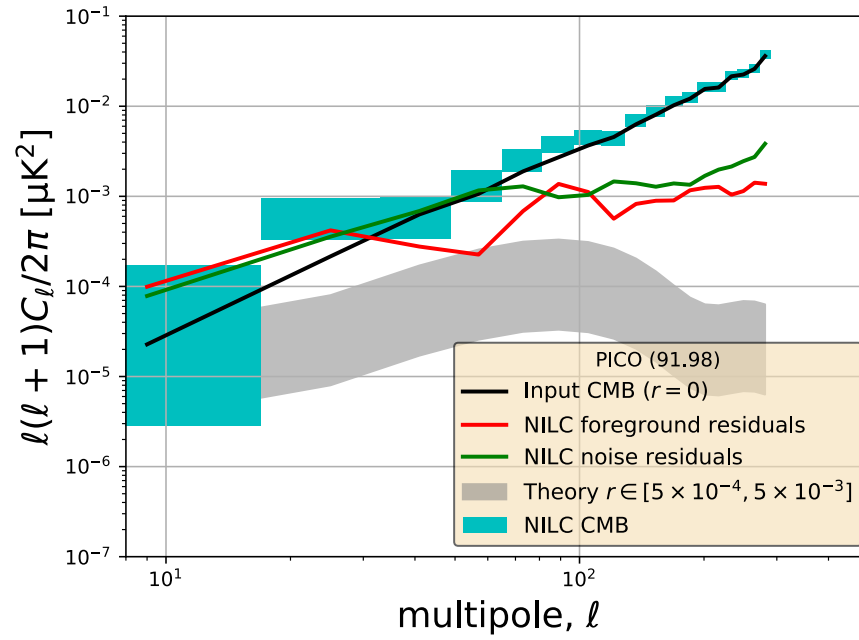
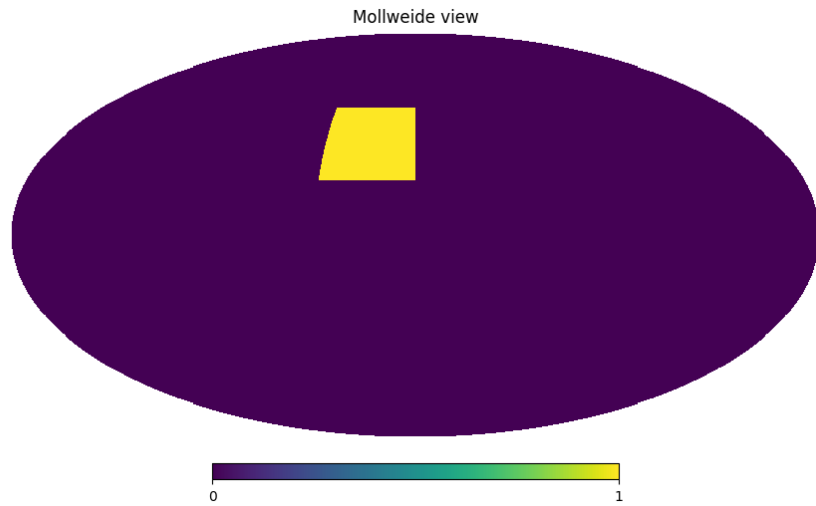


$$f_{\text{sky}} = 2.5\%$$

Binning: $\Delta\ell = 16$

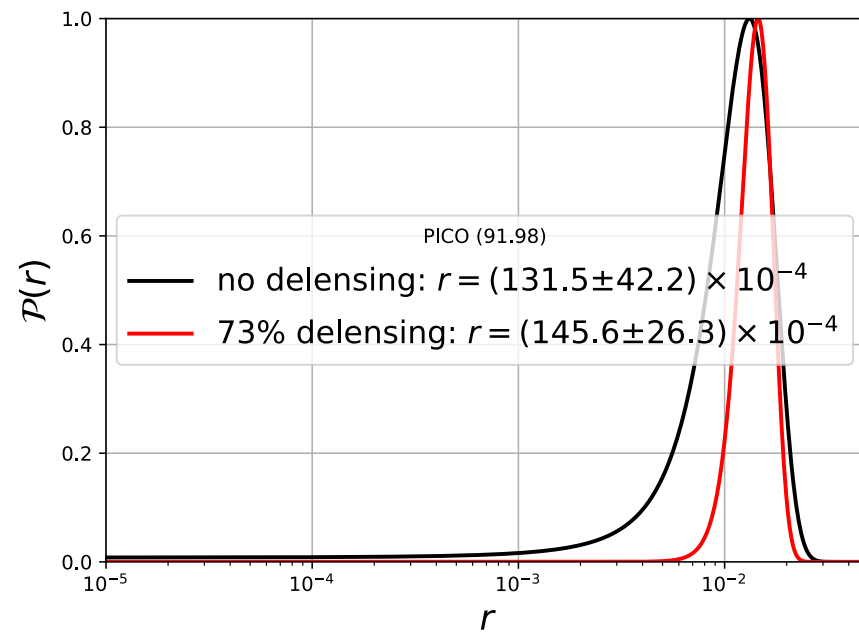


Patch 6

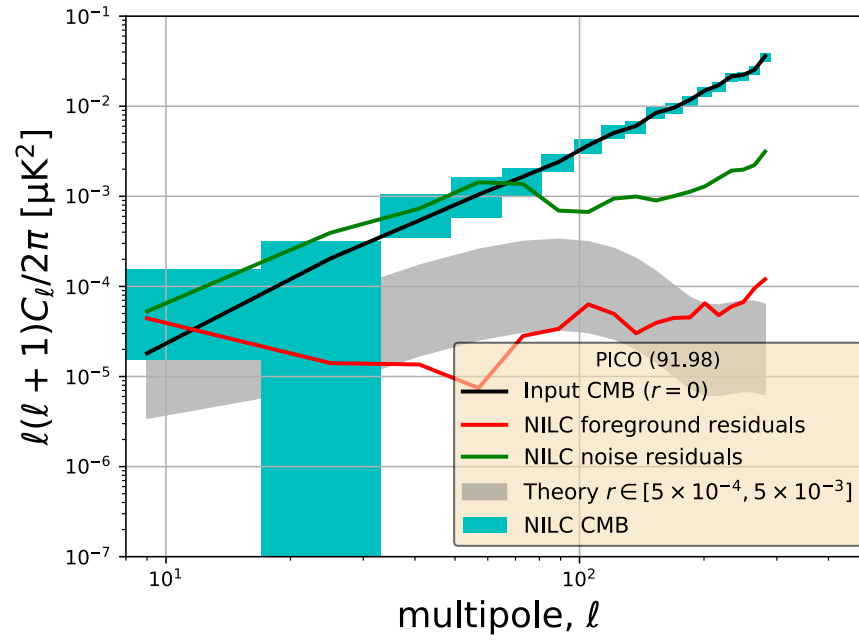
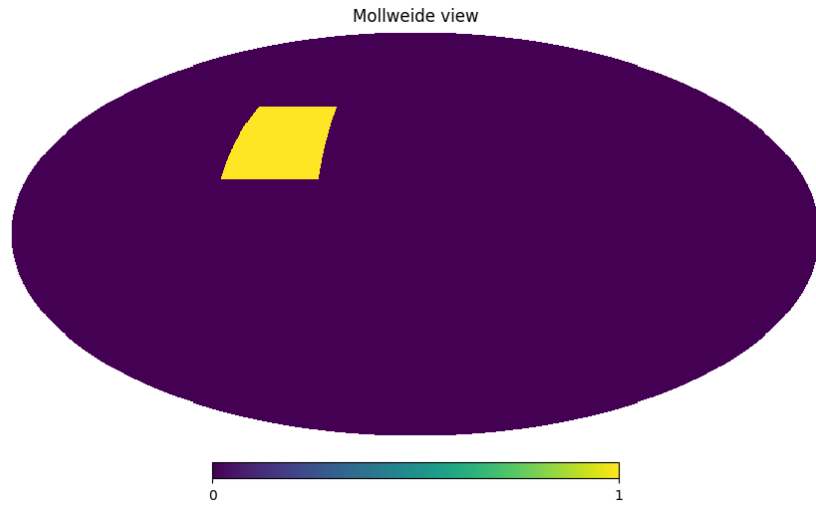


$$f_{\text{sky}} = 2.5\%$$

Binning: $\Delta\ell = 16$

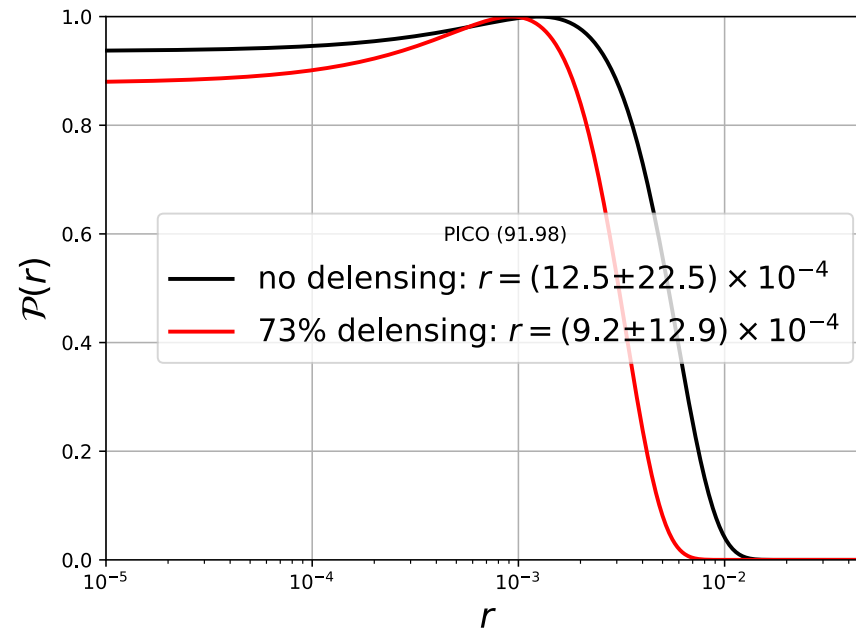


Patch 7

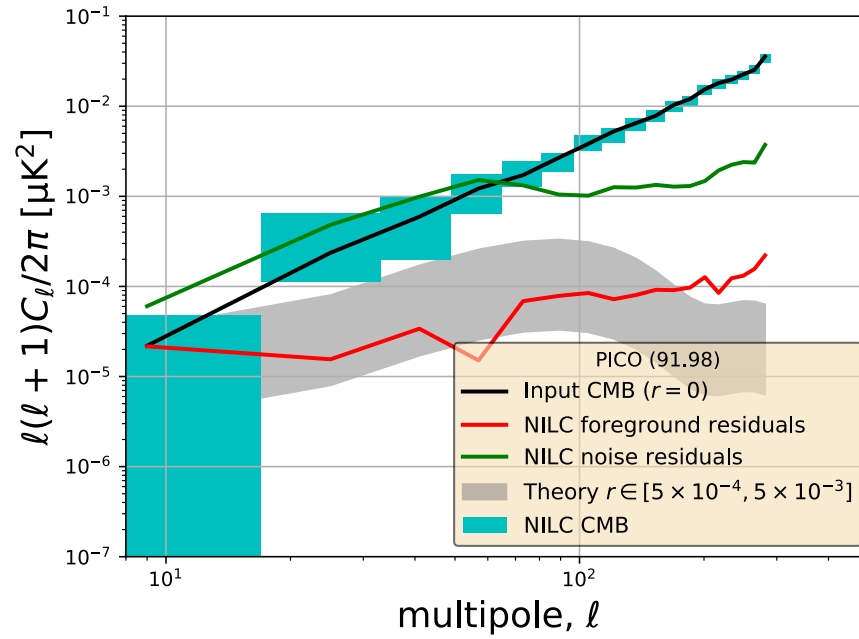
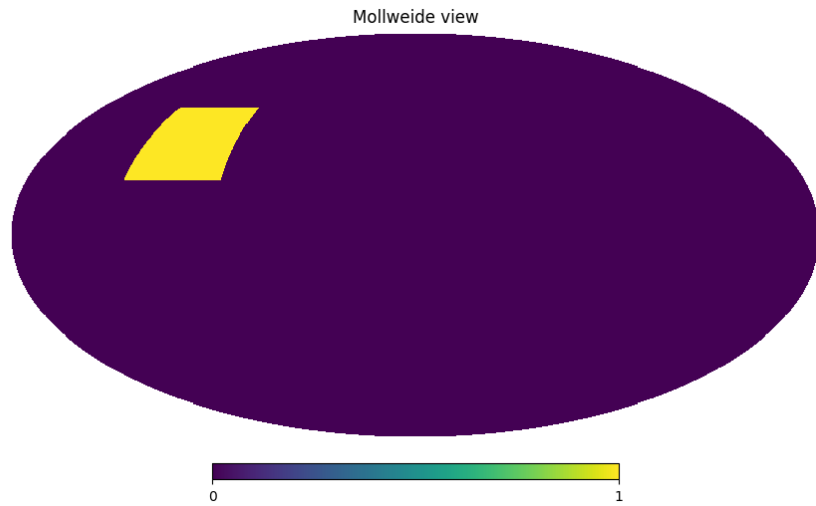


$$f_{\text{sky}} = 2.5\%$$

Binning: $\Delta\ell = 16$

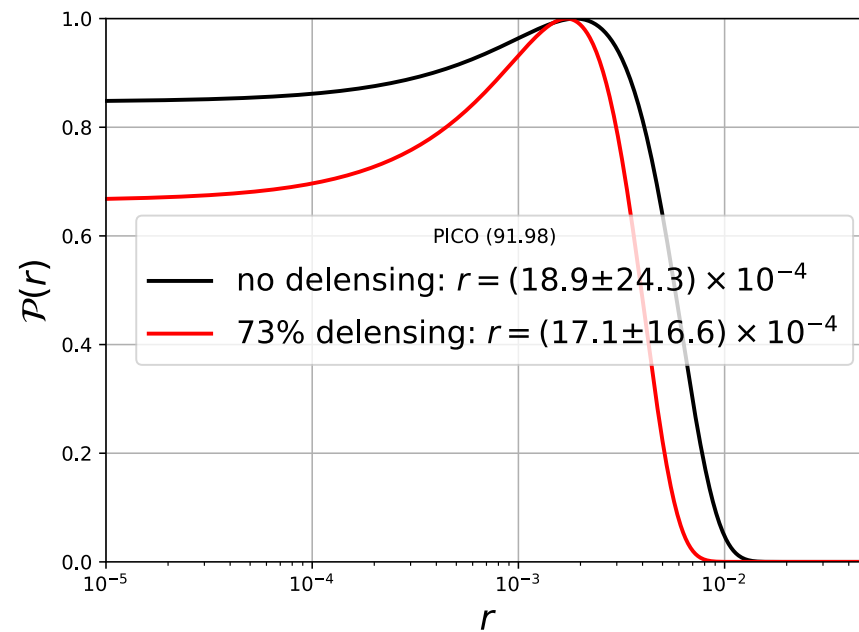


Patch 8

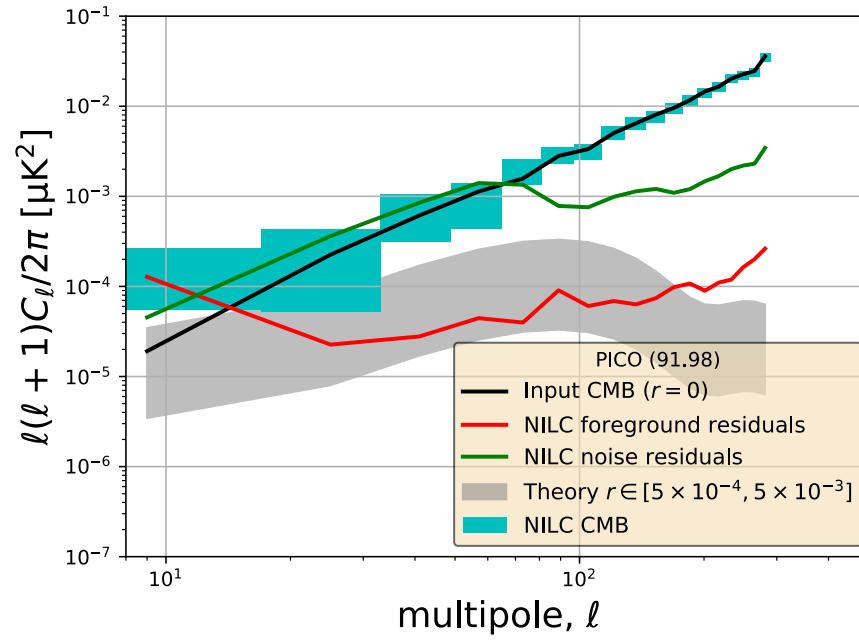
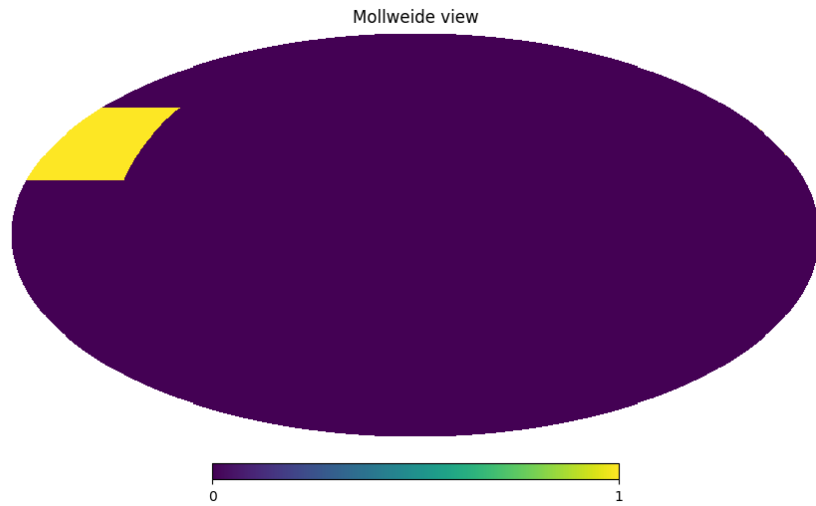


$$f_{\text{sky}} = 2.5\%$$

Binning: $\Delta\ell = 16$

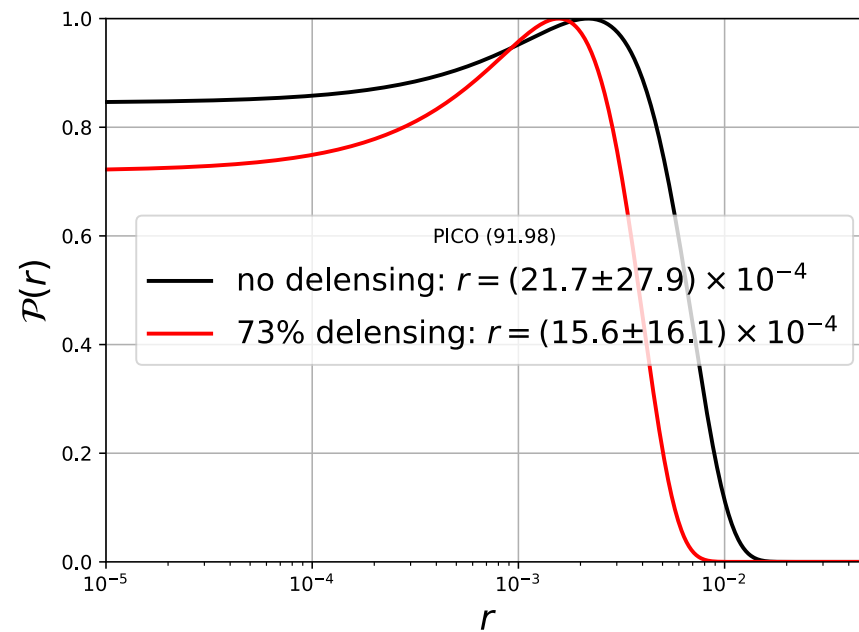


Patch 9

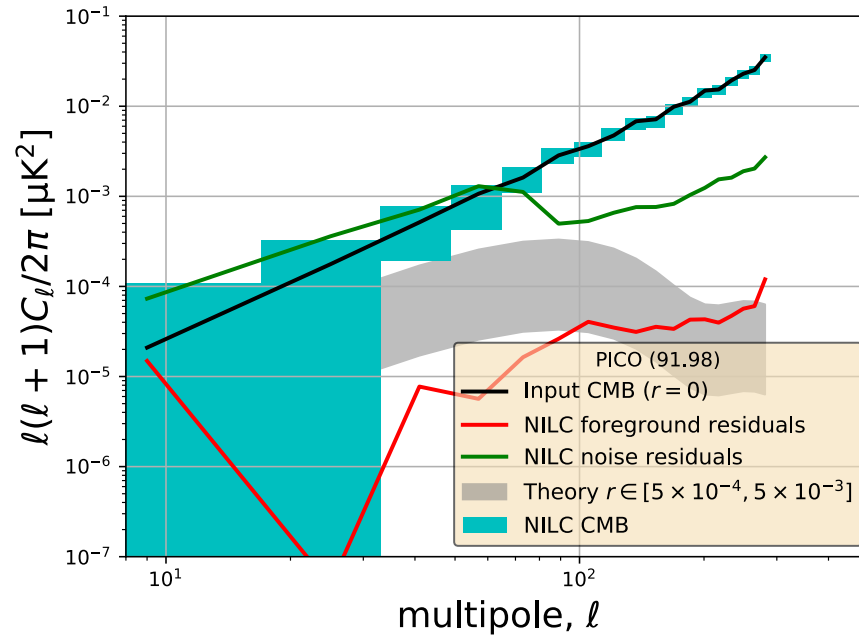
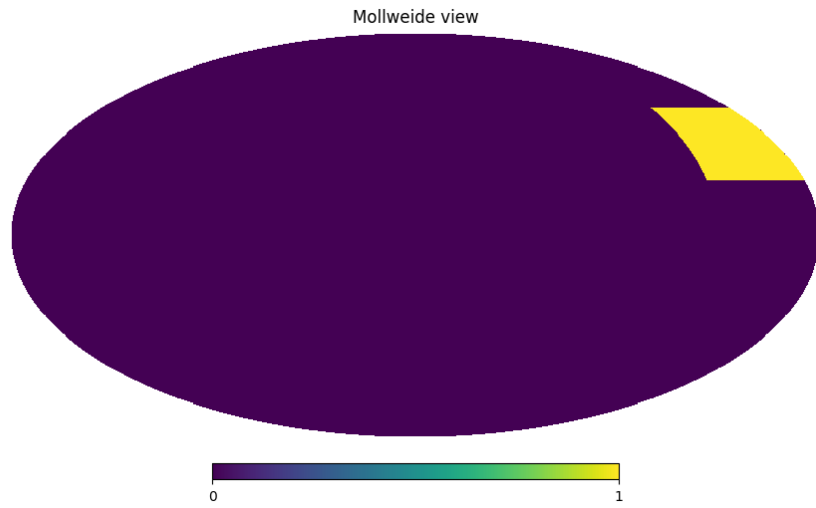


$$f_{\text{sky}} = 2.5\%$$

$$\text{Binning: } \Delta\ell = 16$$

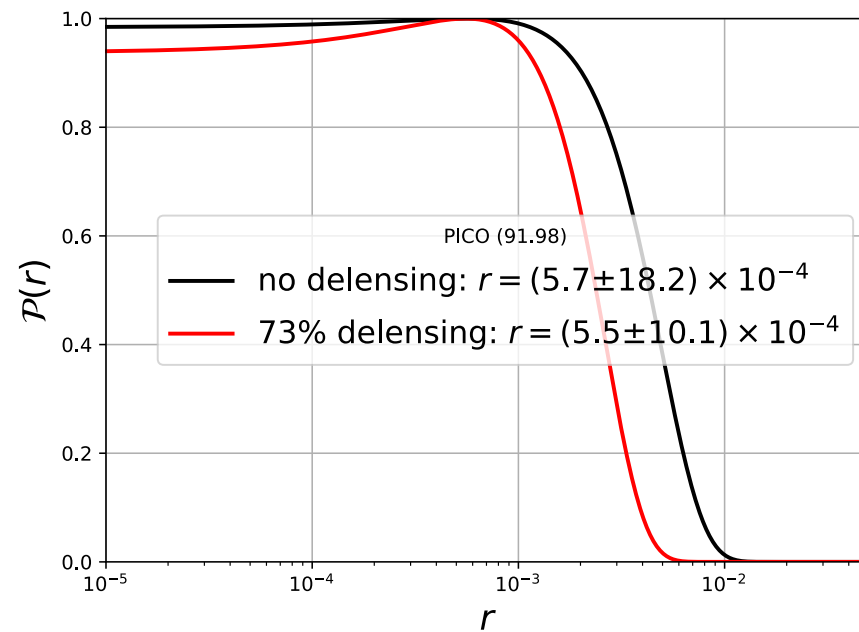


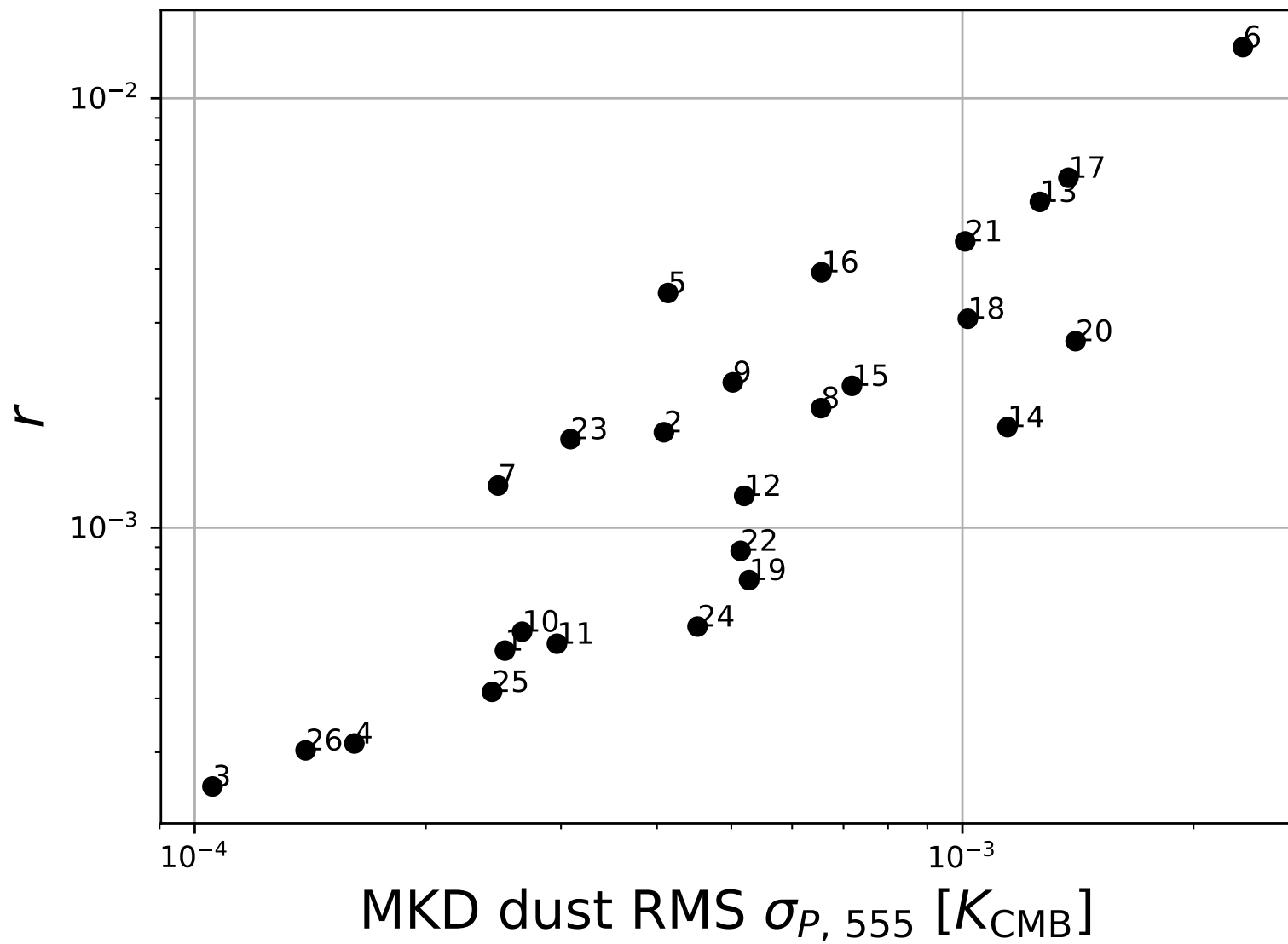
Patch 10

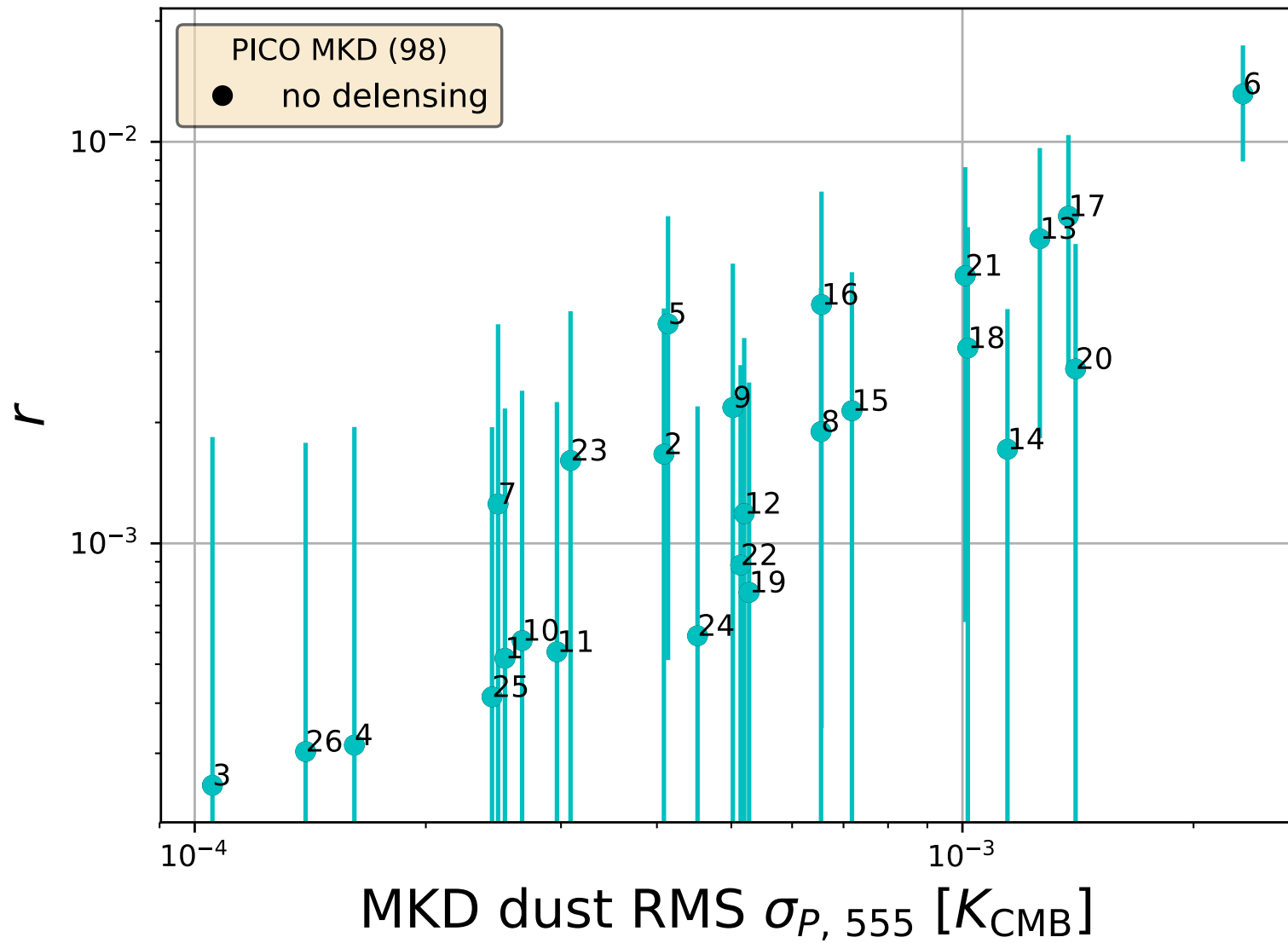


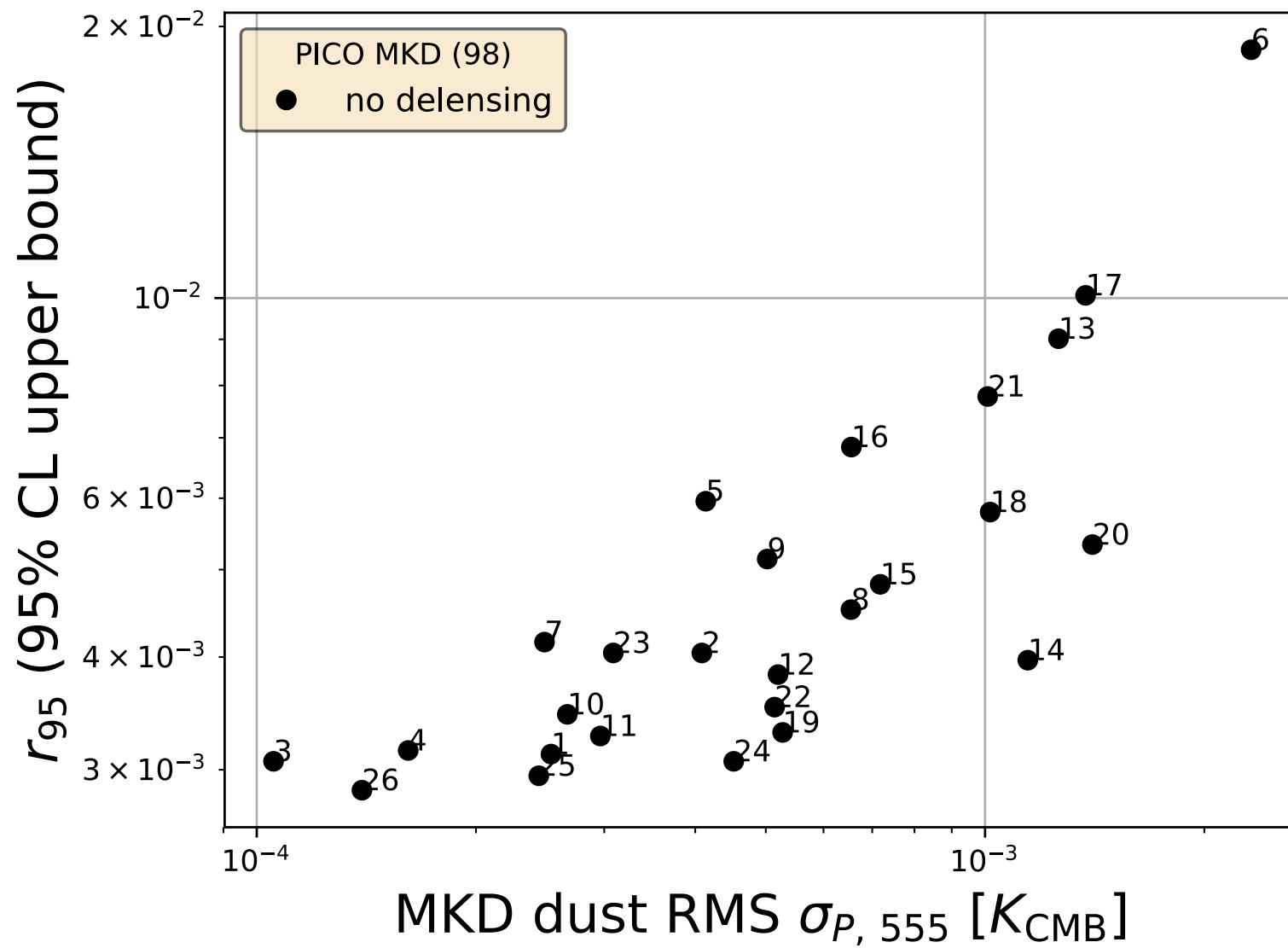
$$f_{\text{sky}} = 2.5\%$$

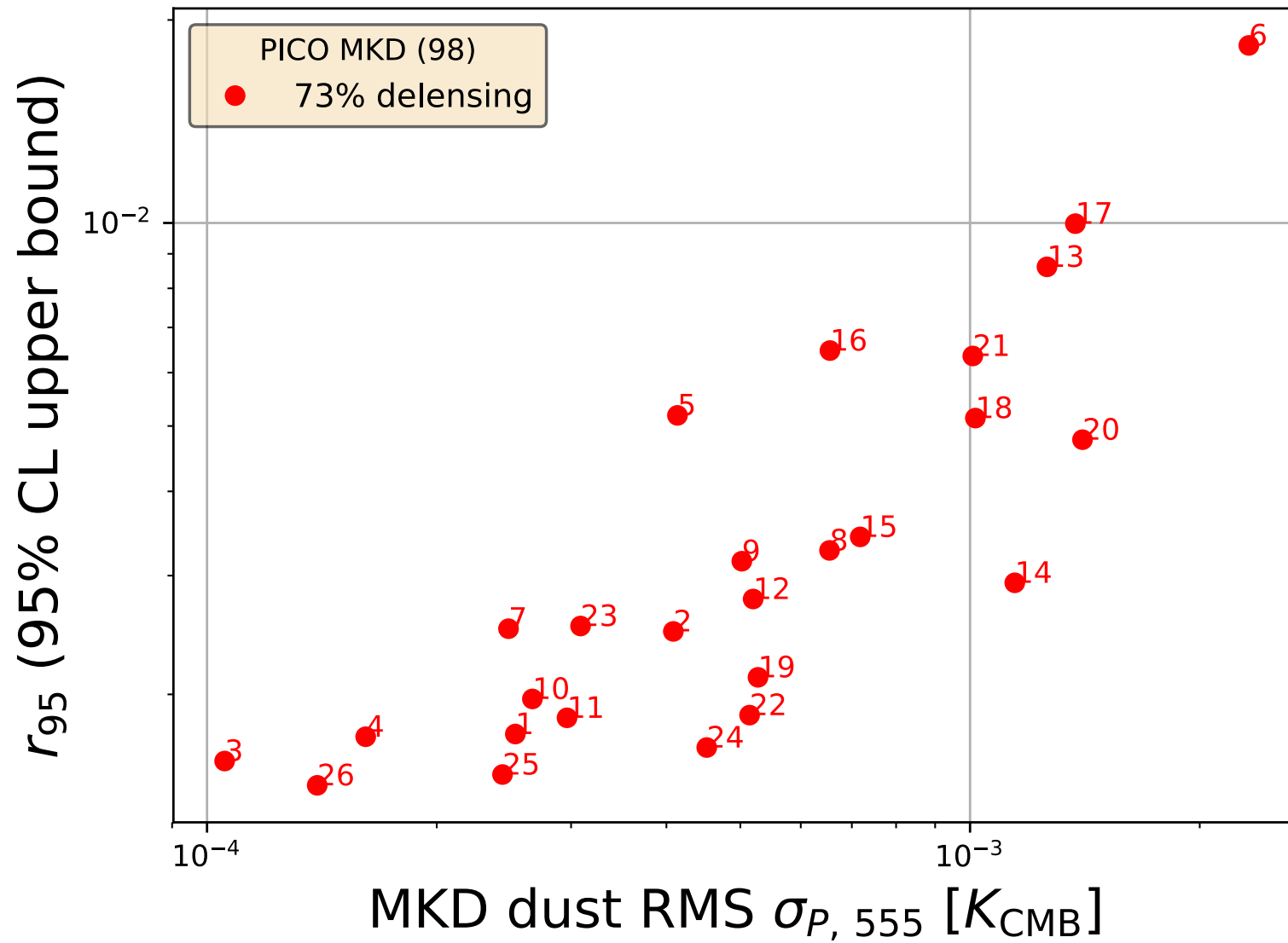
$$\text{Binning: } \Delta\ell = 16$$

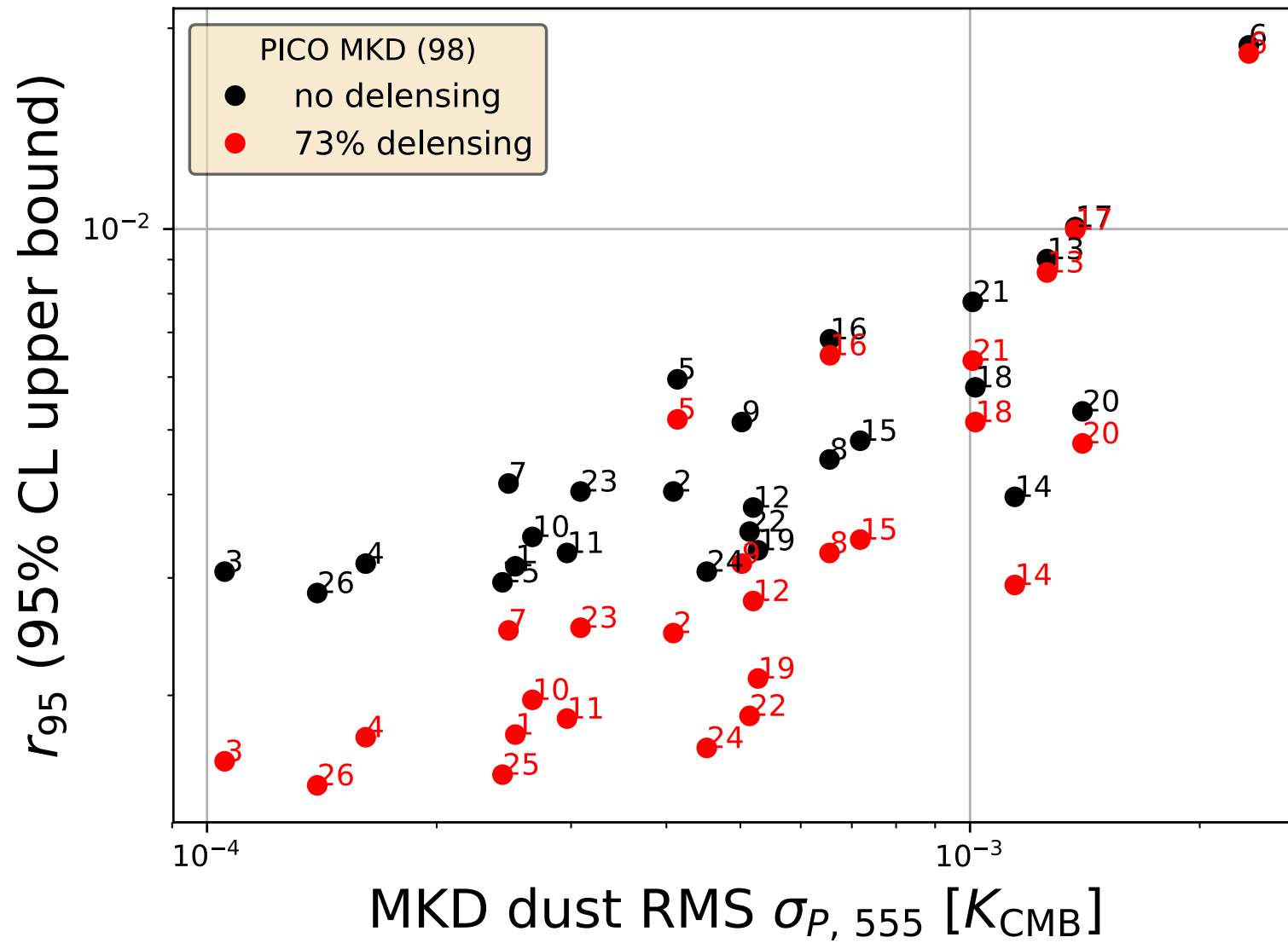


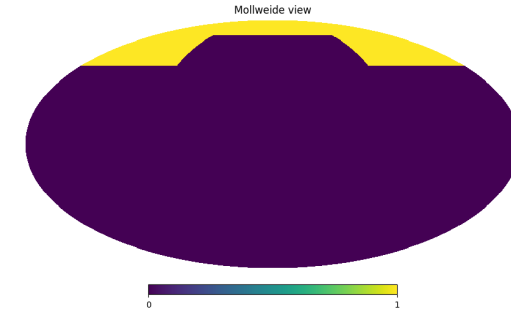
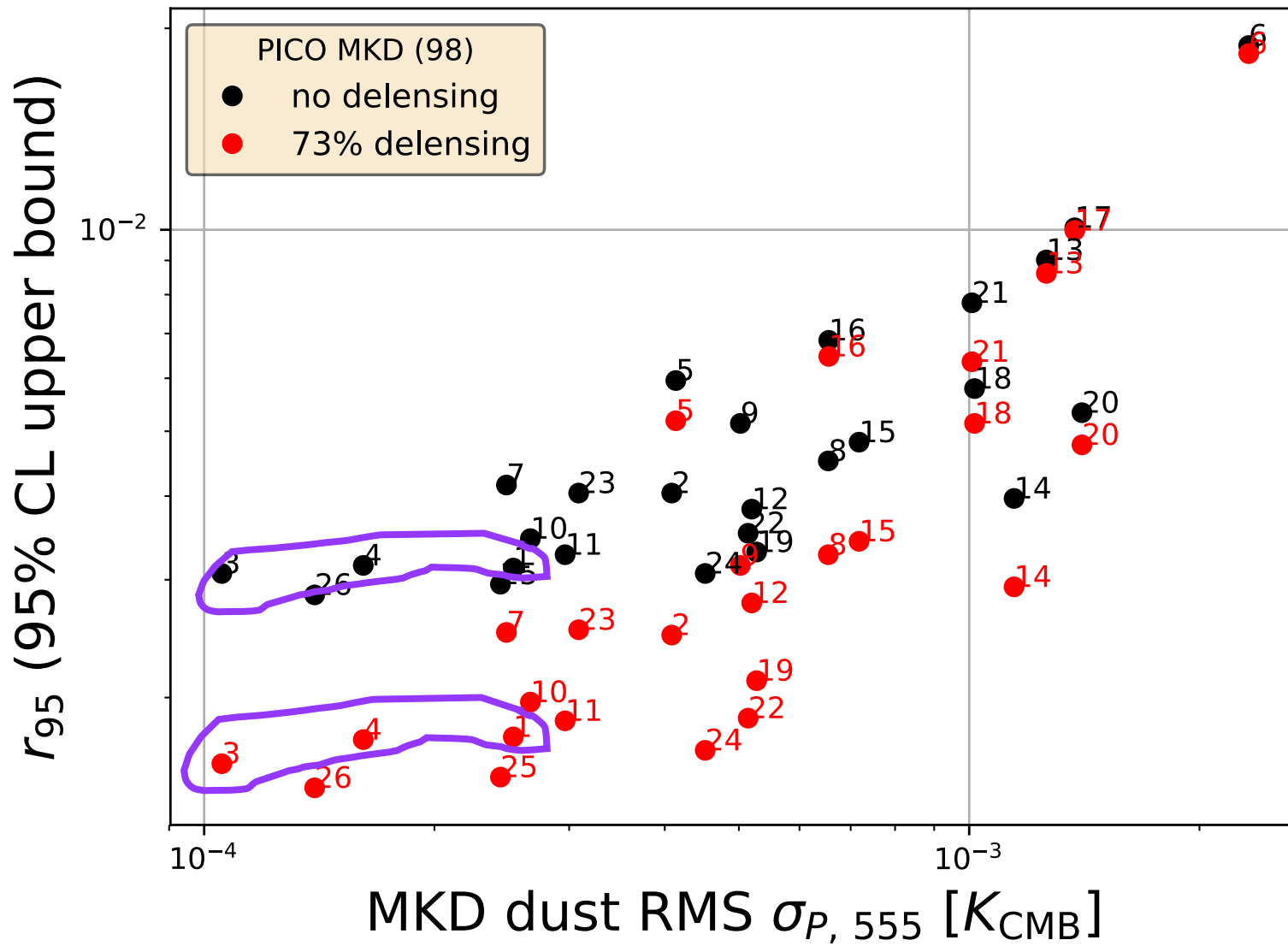


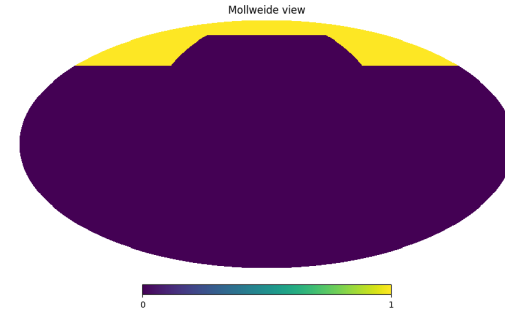
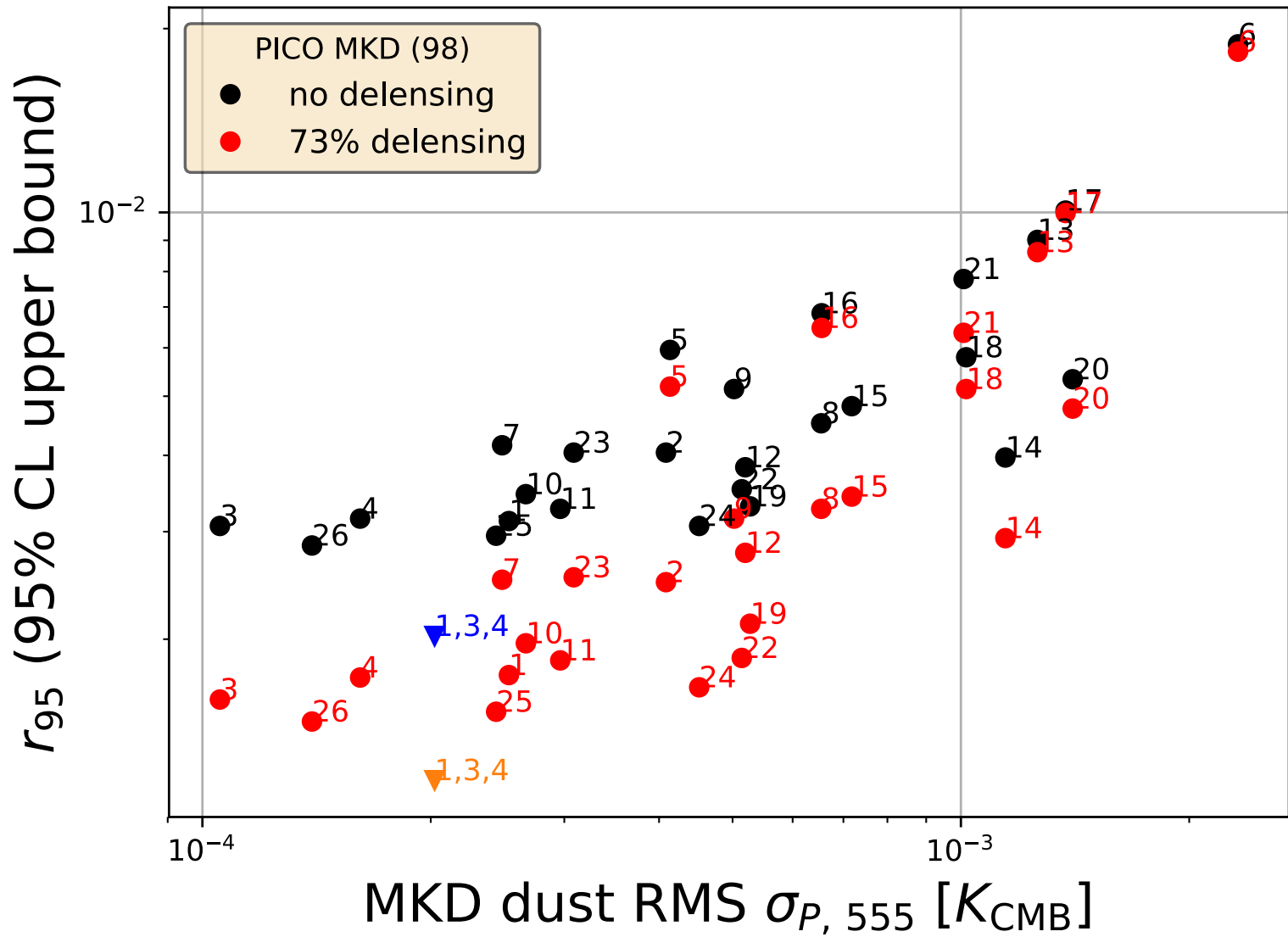


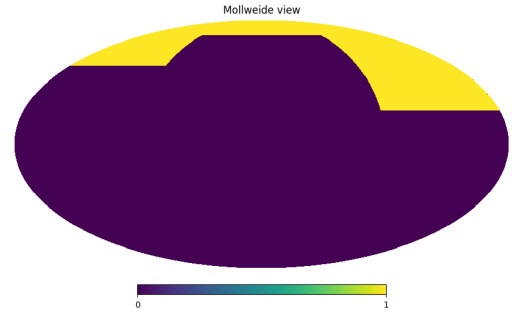
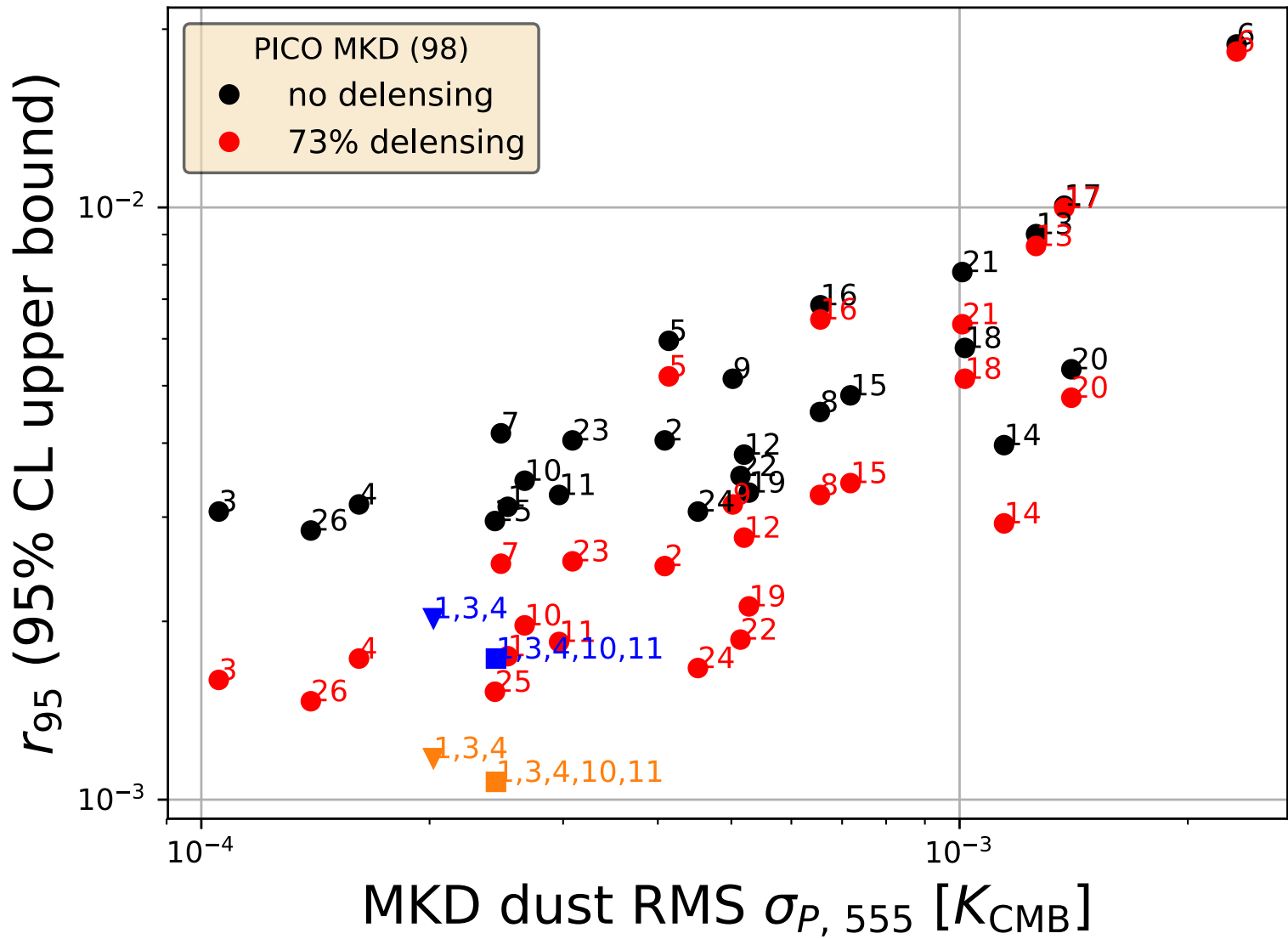


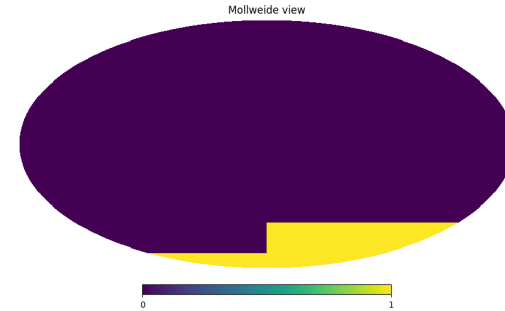
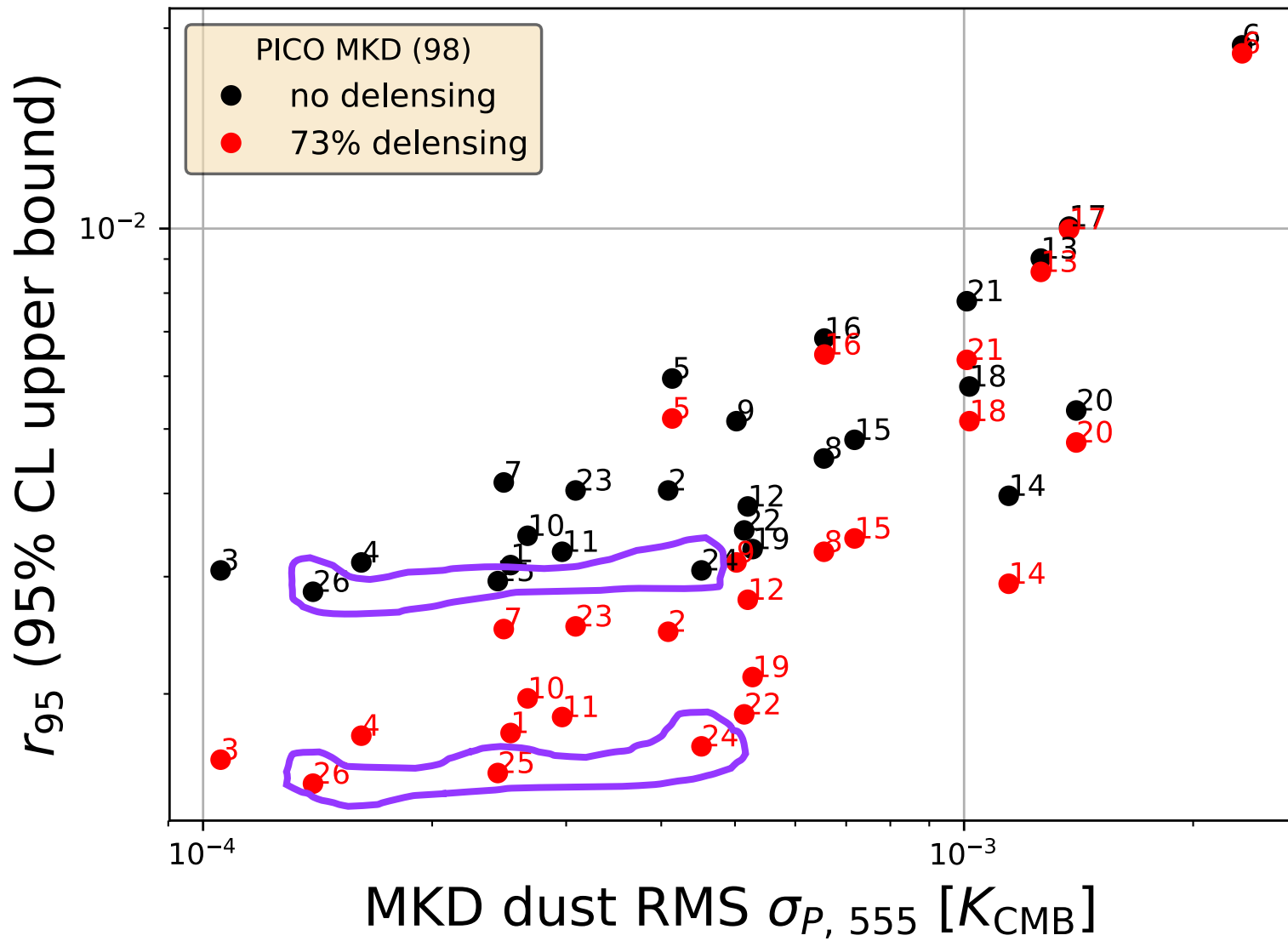


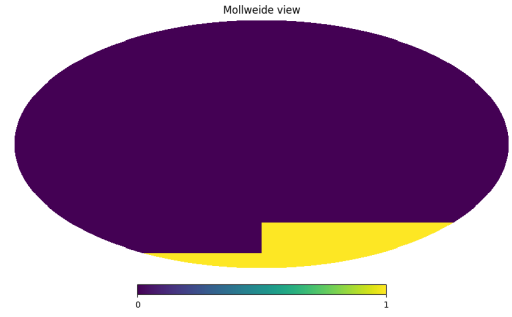
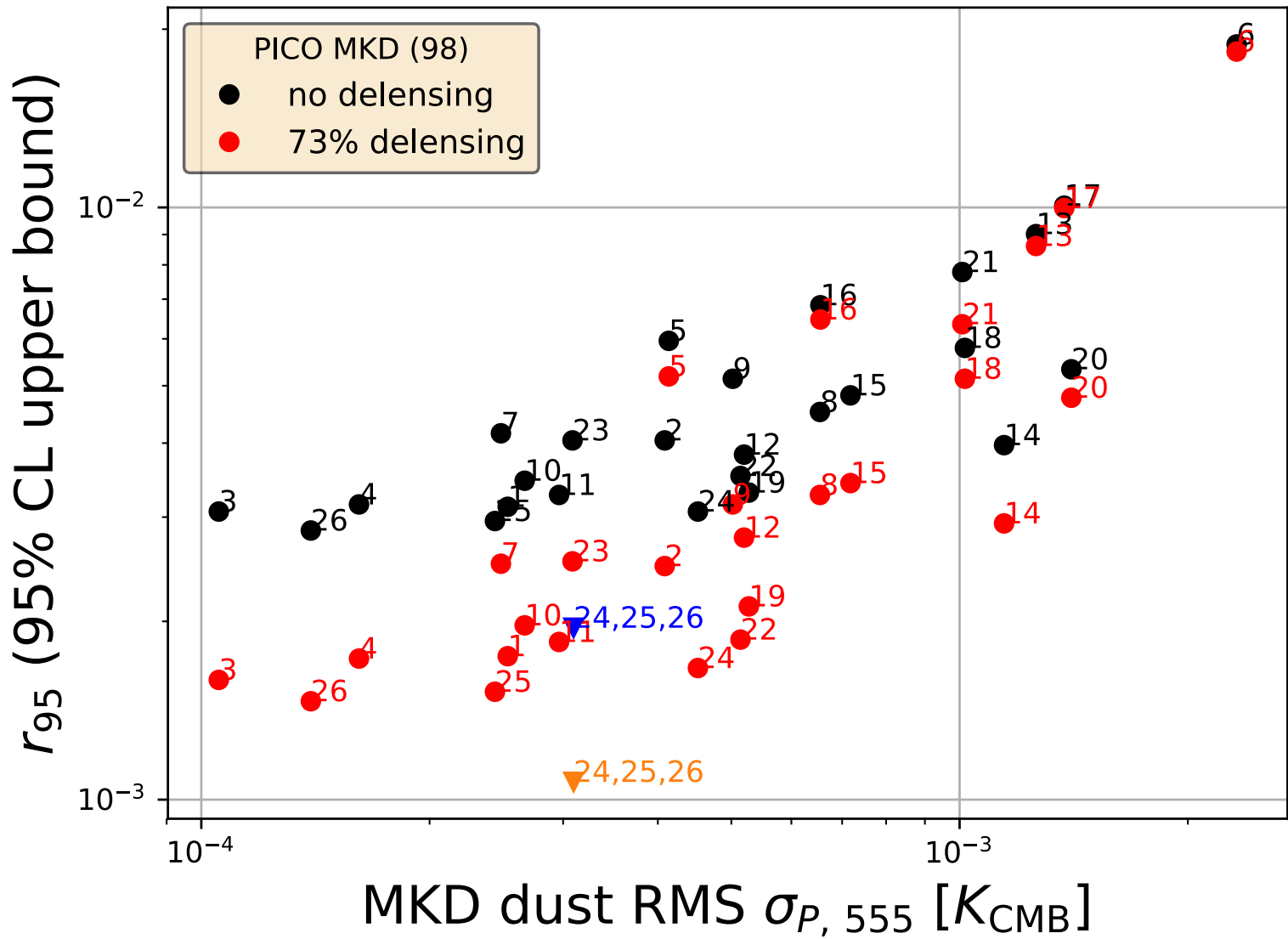


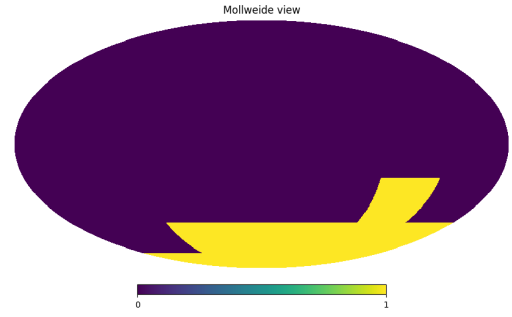
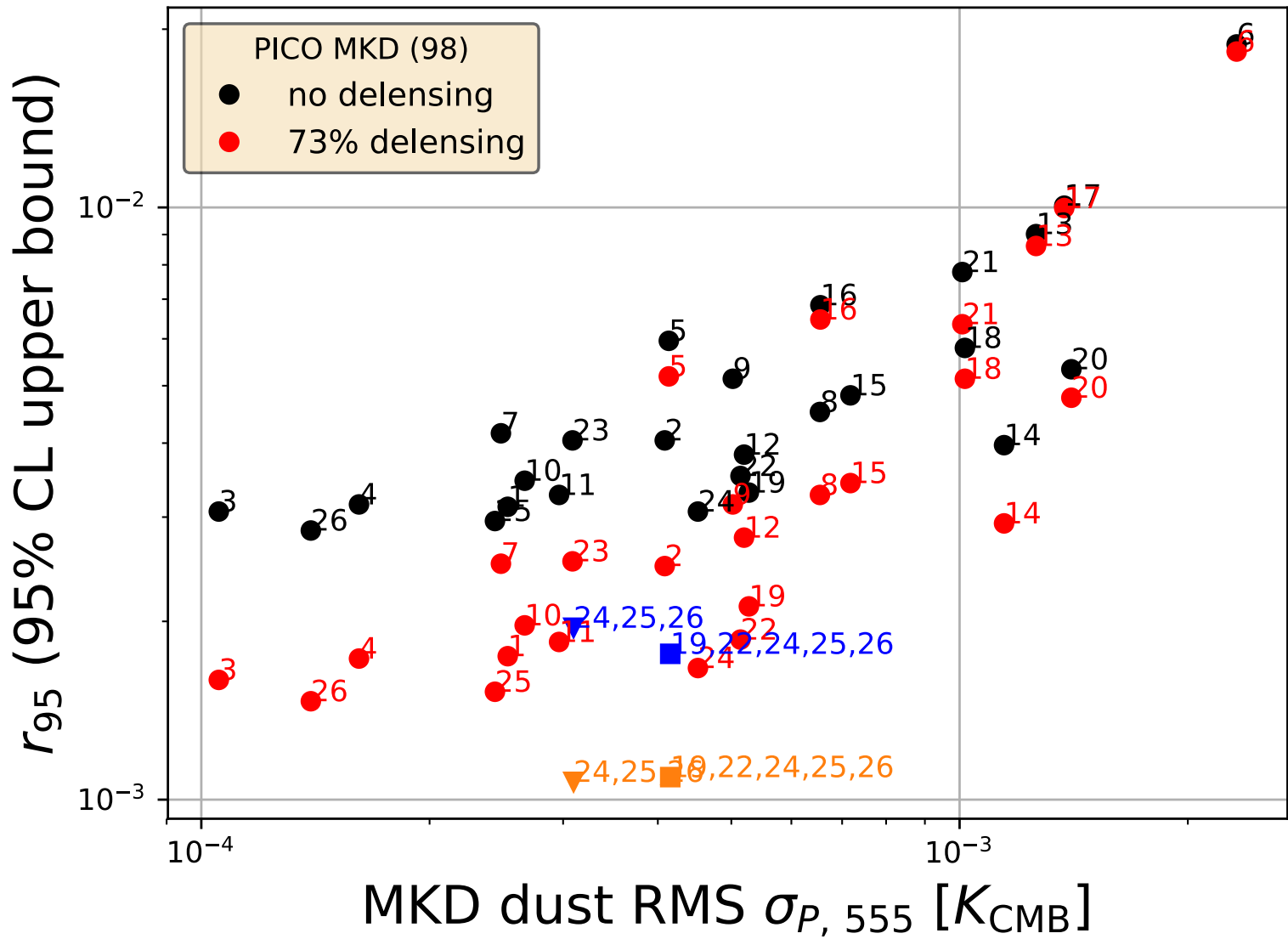




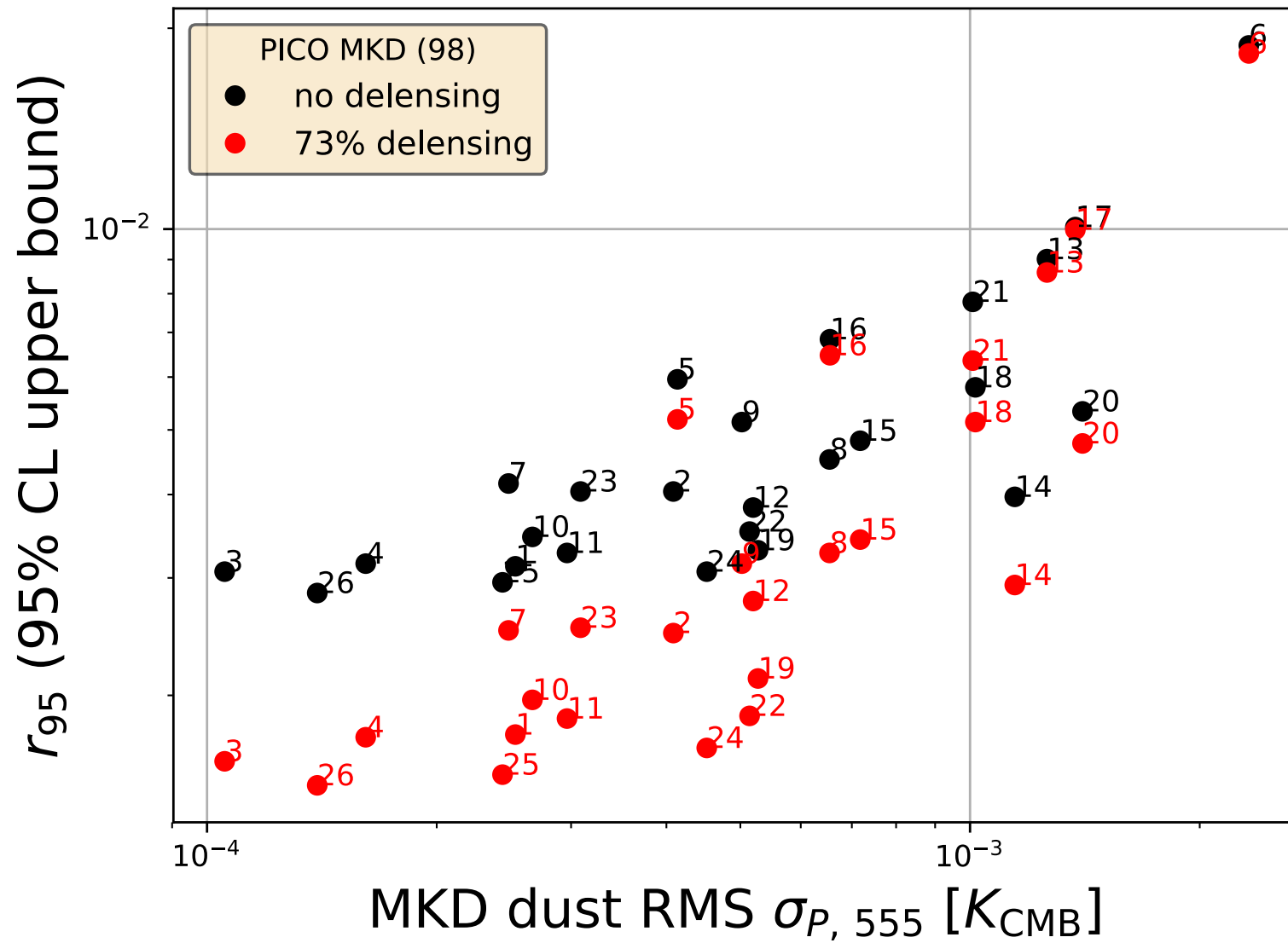


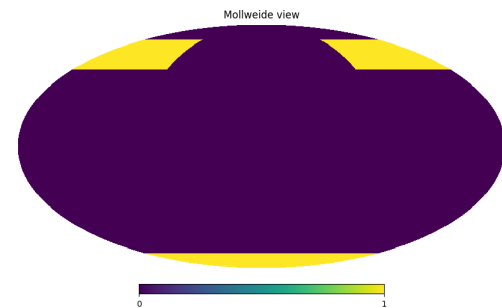
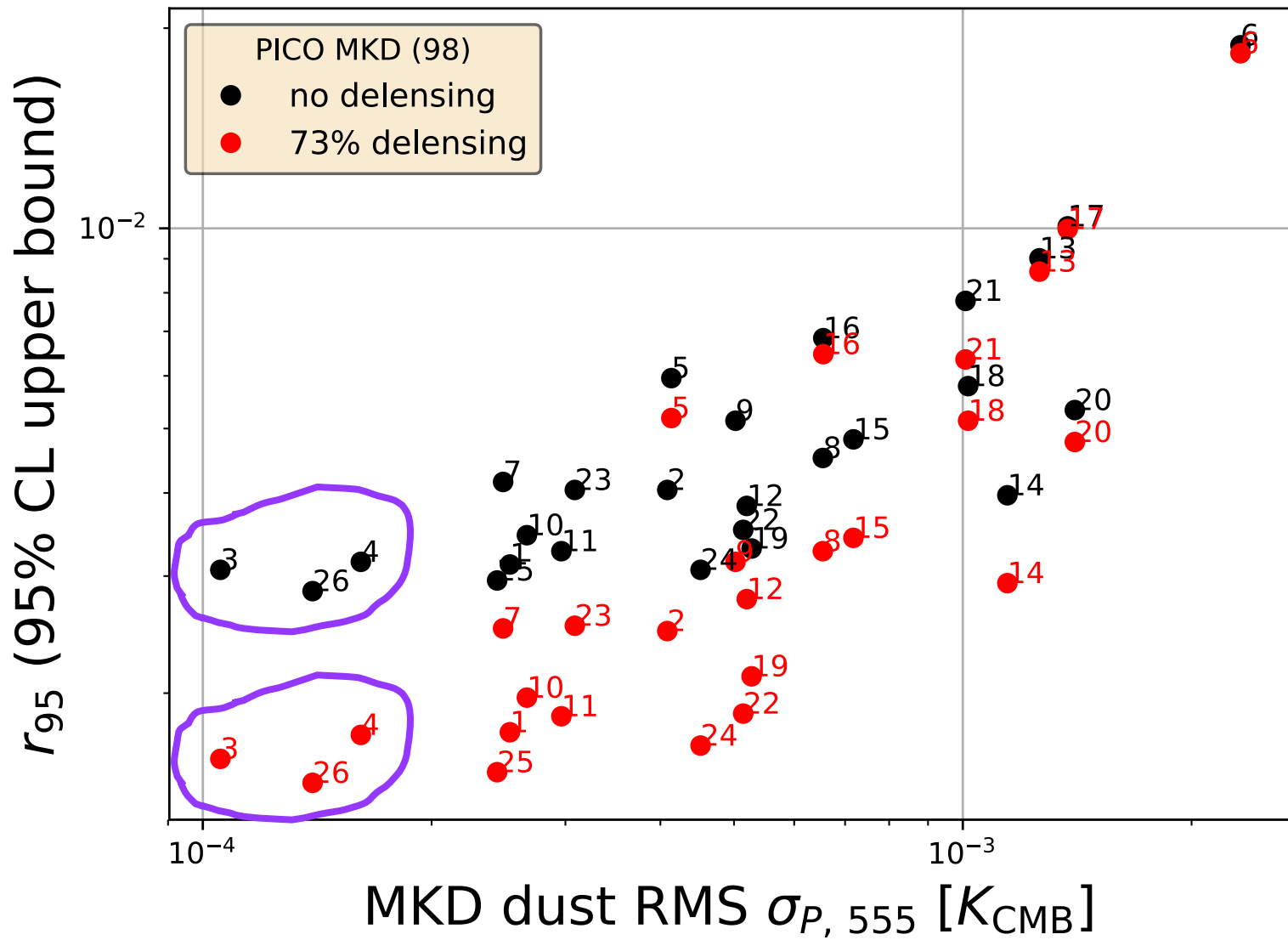


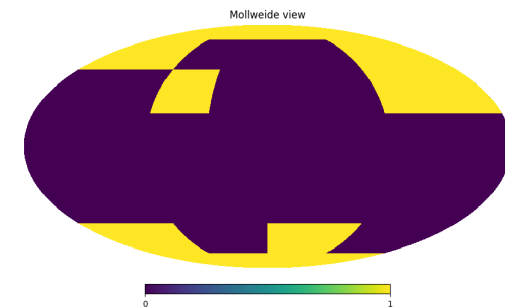
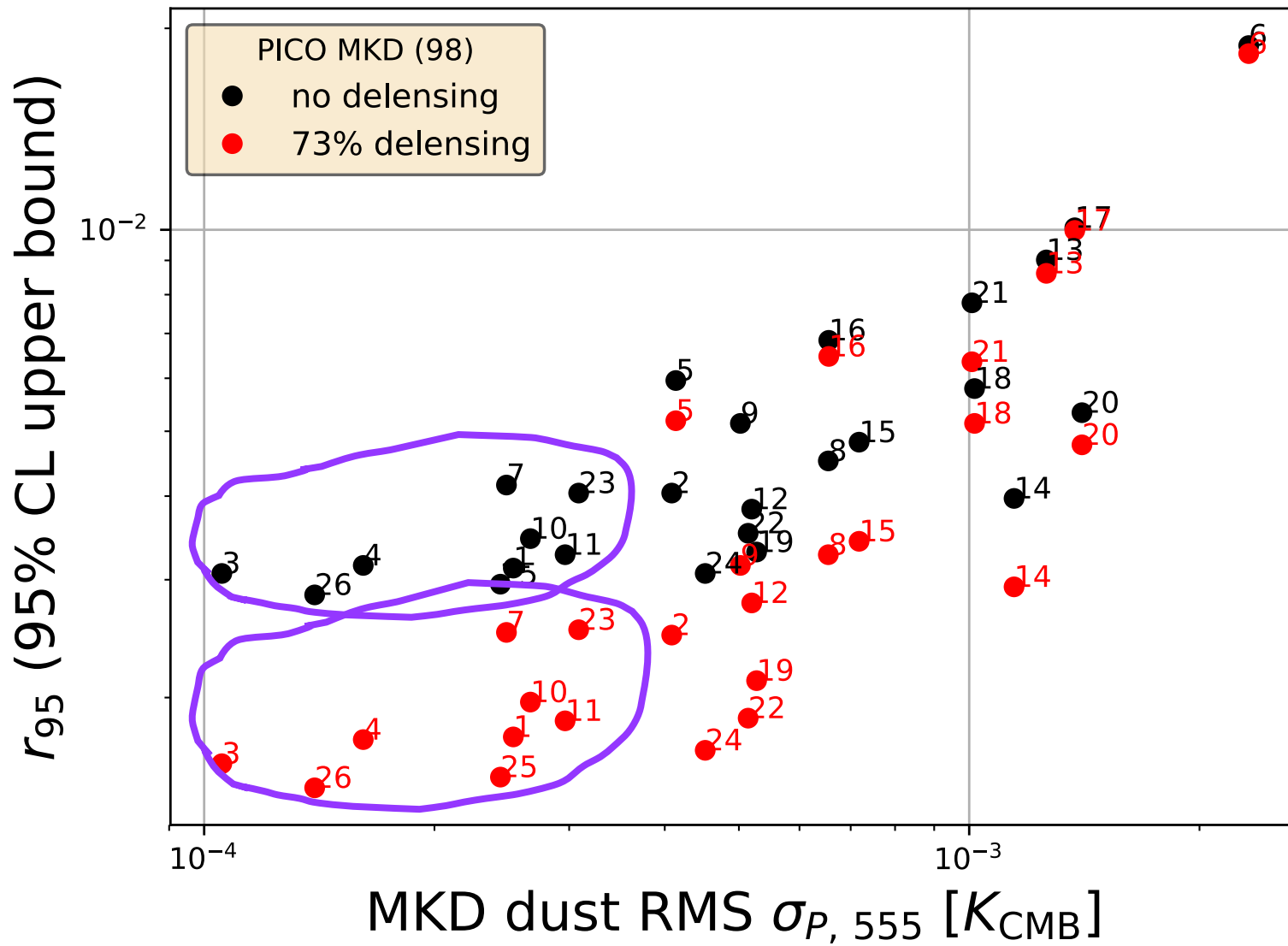




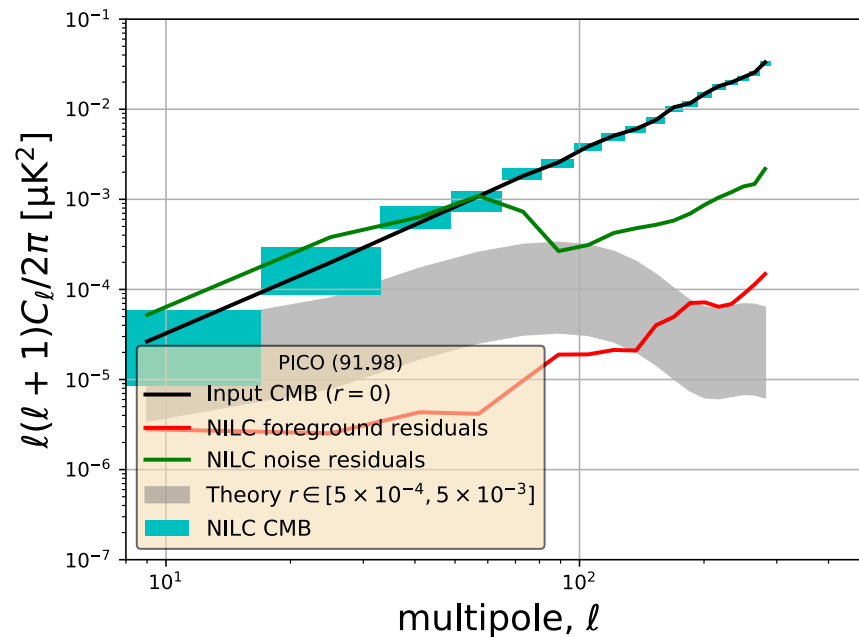
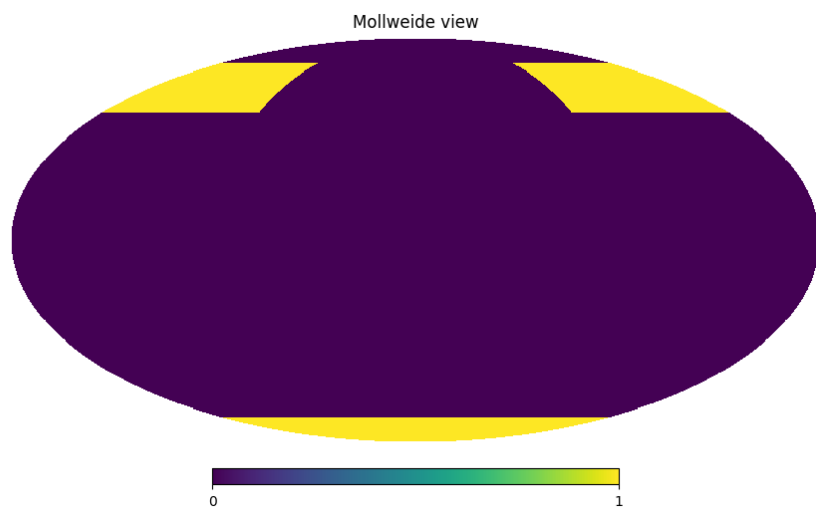
Now select sky patches according to
low dust r.m.s regions at 555 GHz





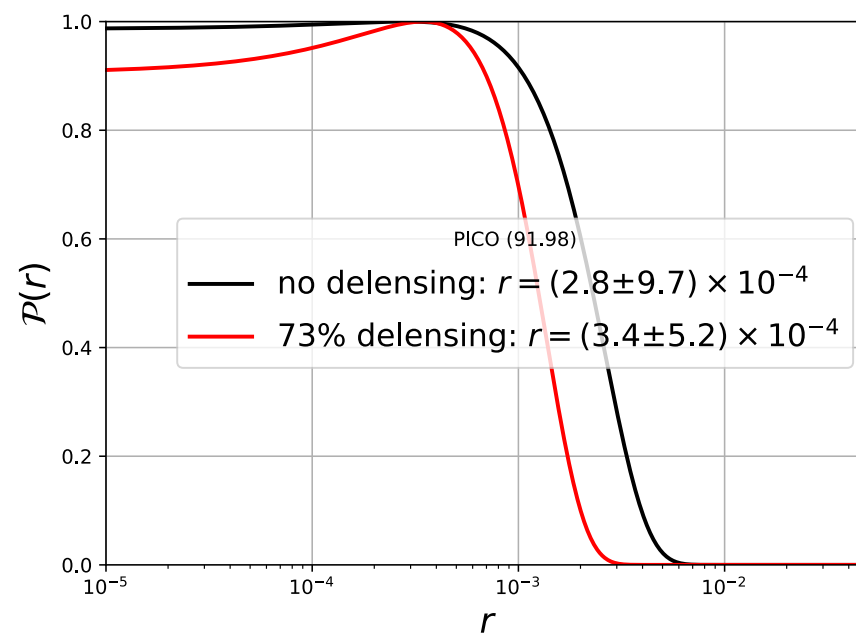


Patches 3, 4, and 26

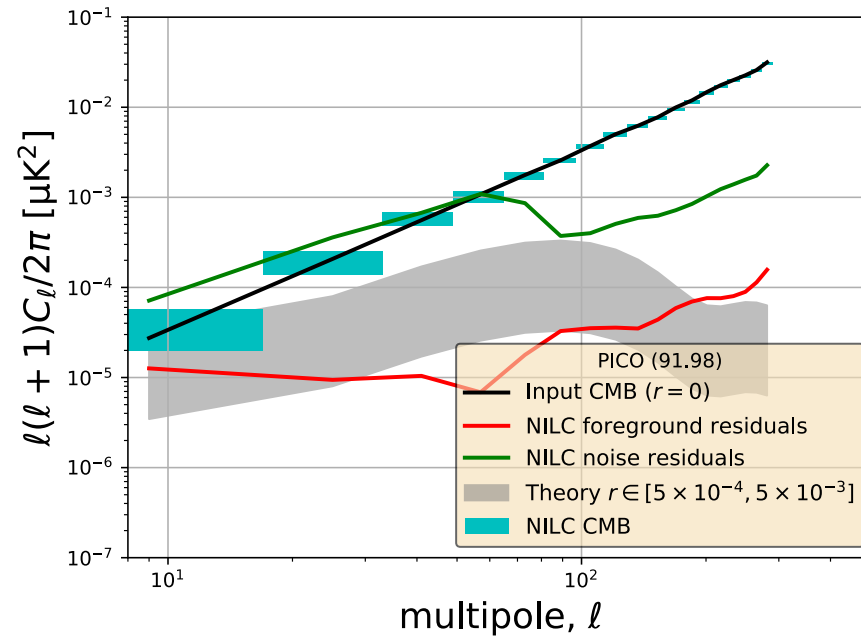
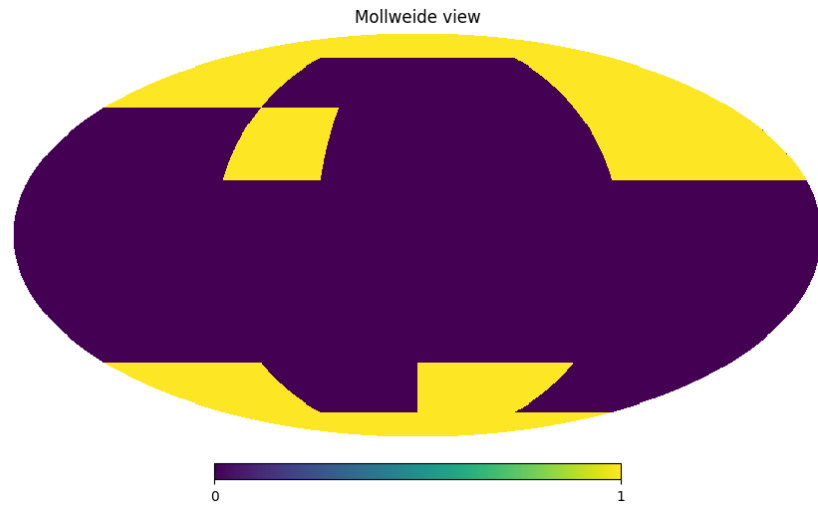


$$f_{\text{sky}} = 7.5\%$$

Binning: $\Delta\ell = 16$

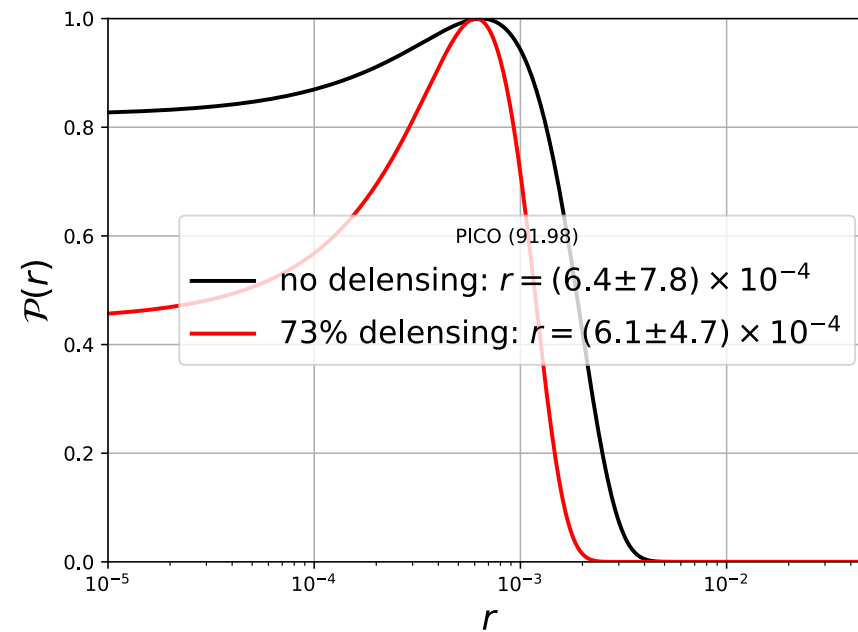


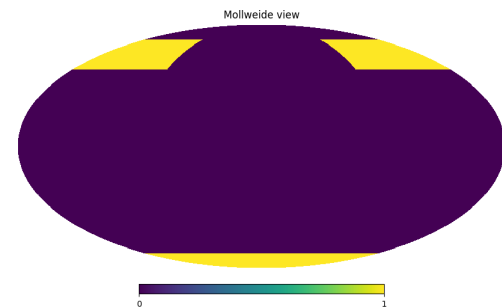
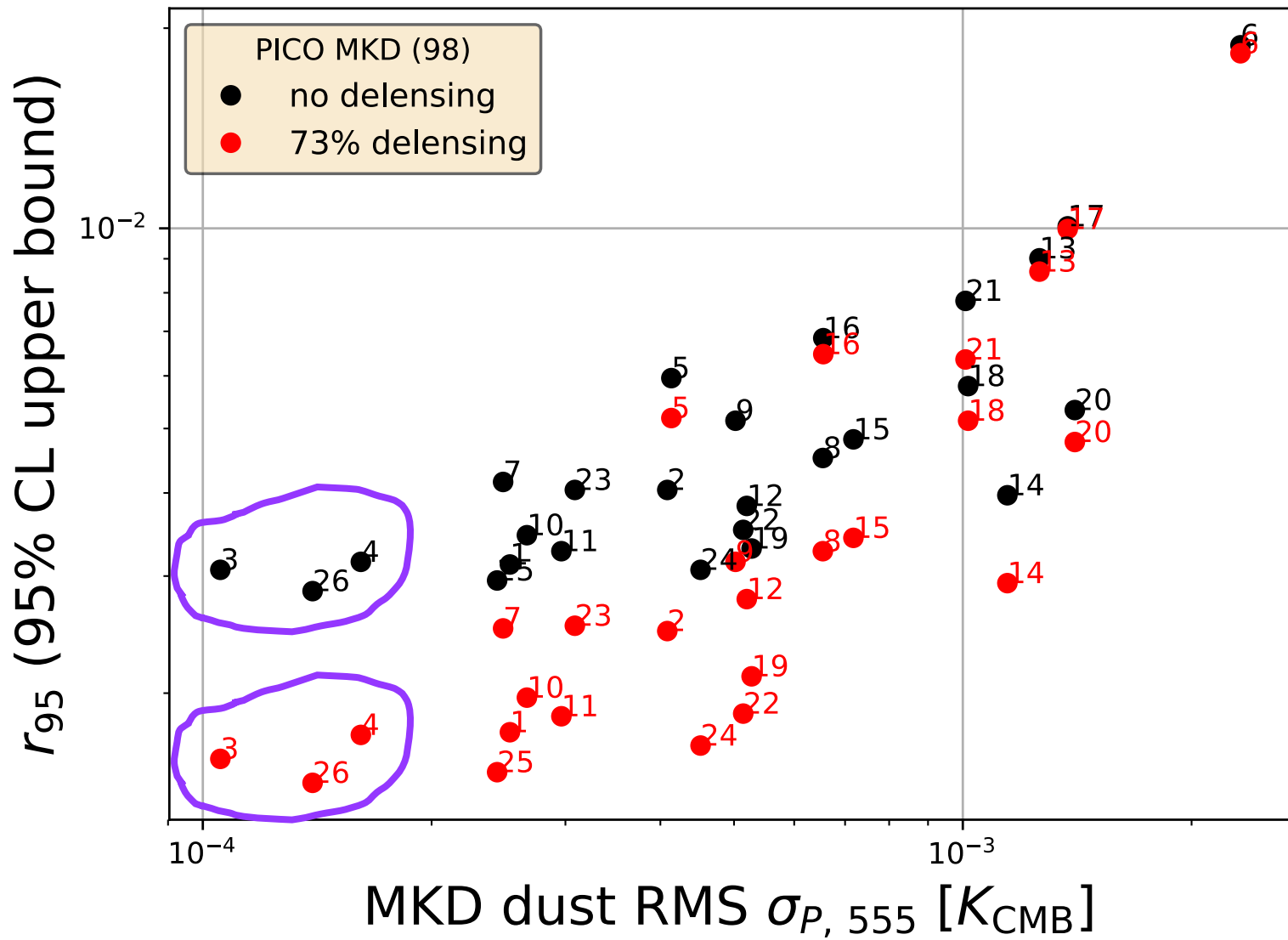
Patches 1, 3, 4, 7, 10, 11, 23, 25, and 26

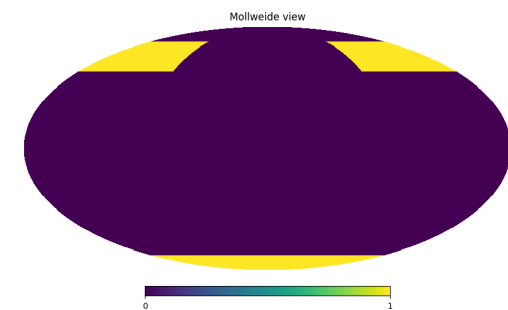
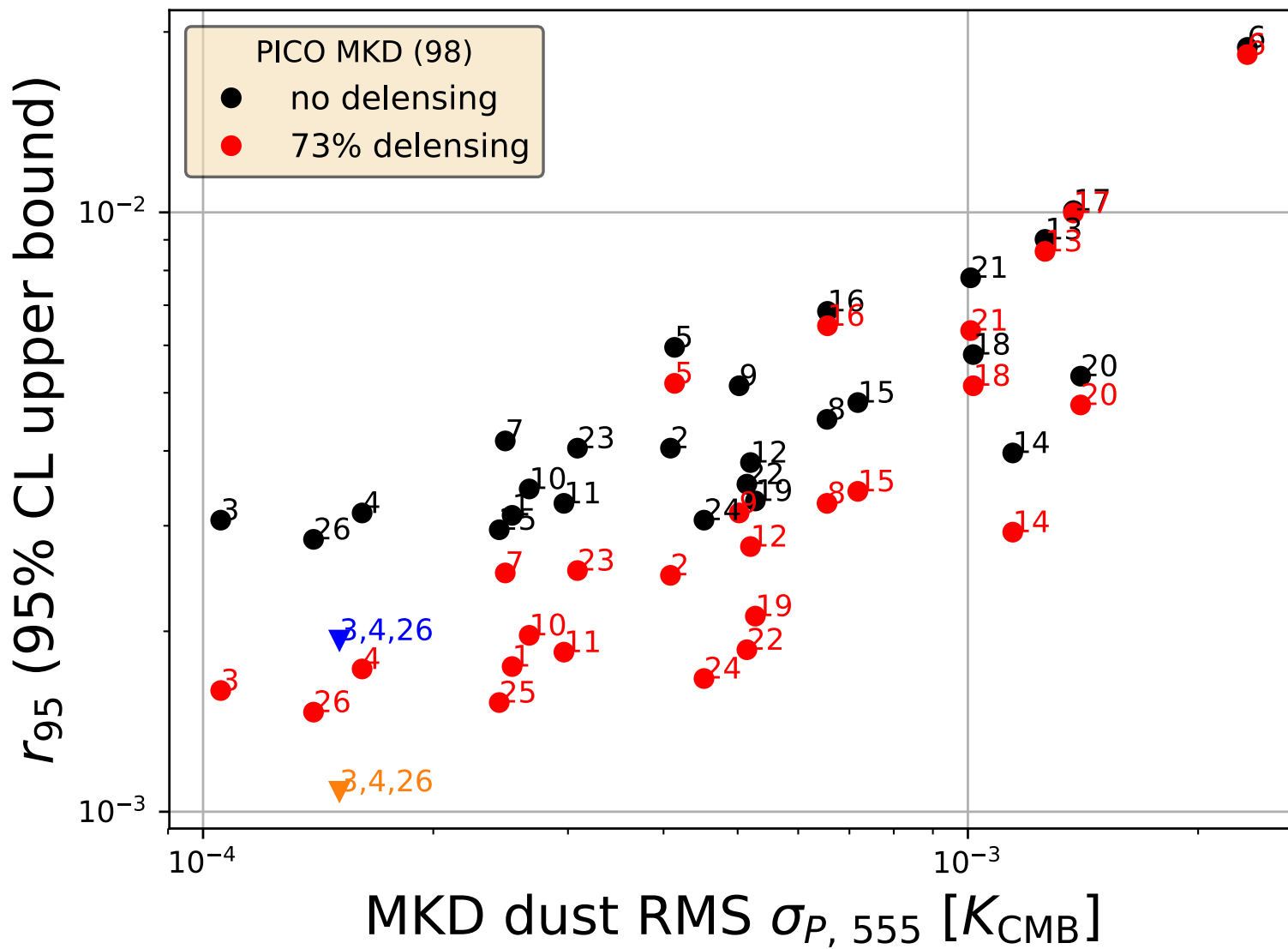


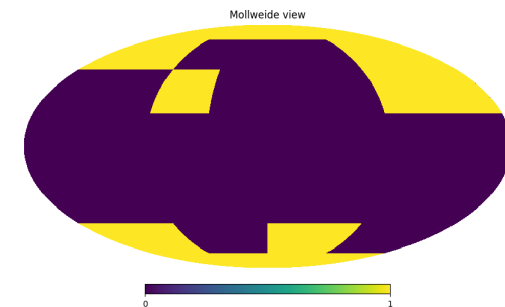
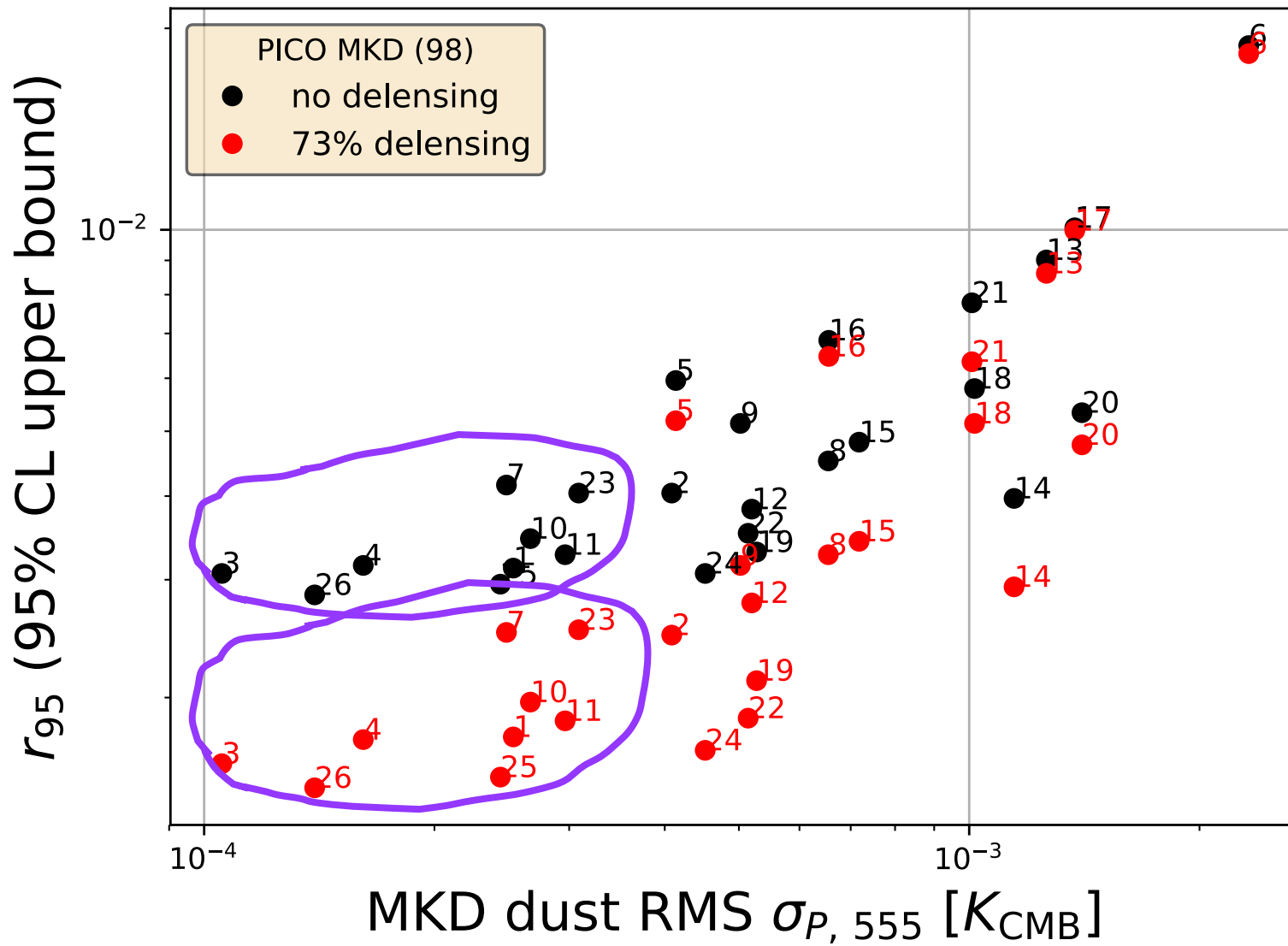
$$f_{\text{sky}} = 22.5\%$$

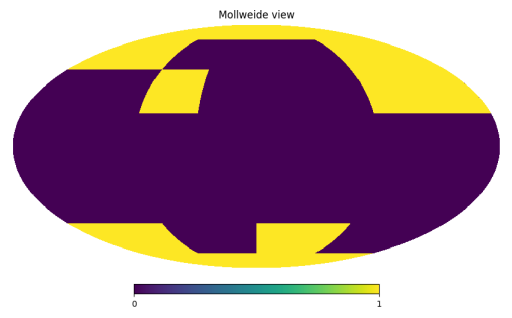
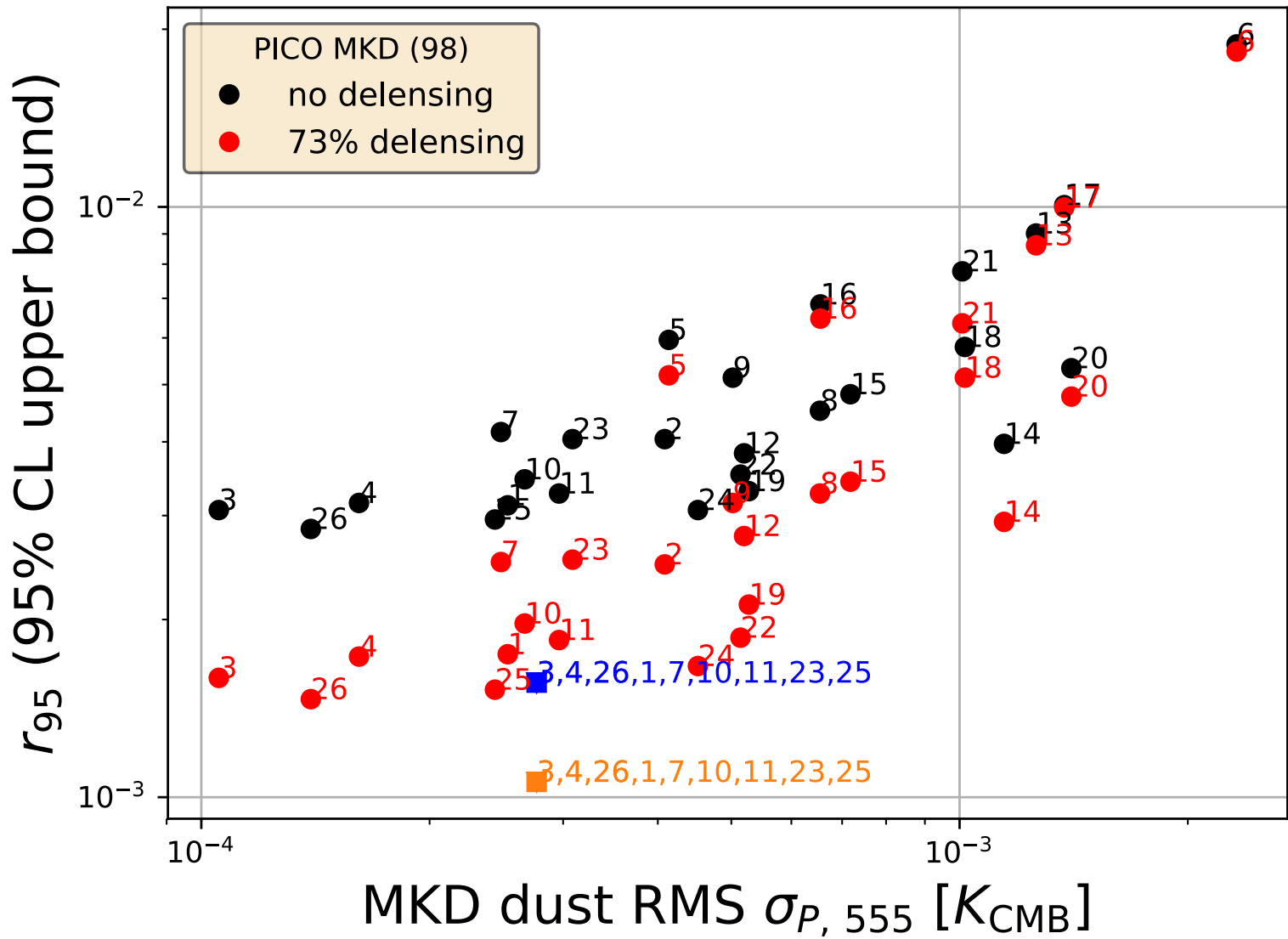
Binning: $\Delta\ell = 16$



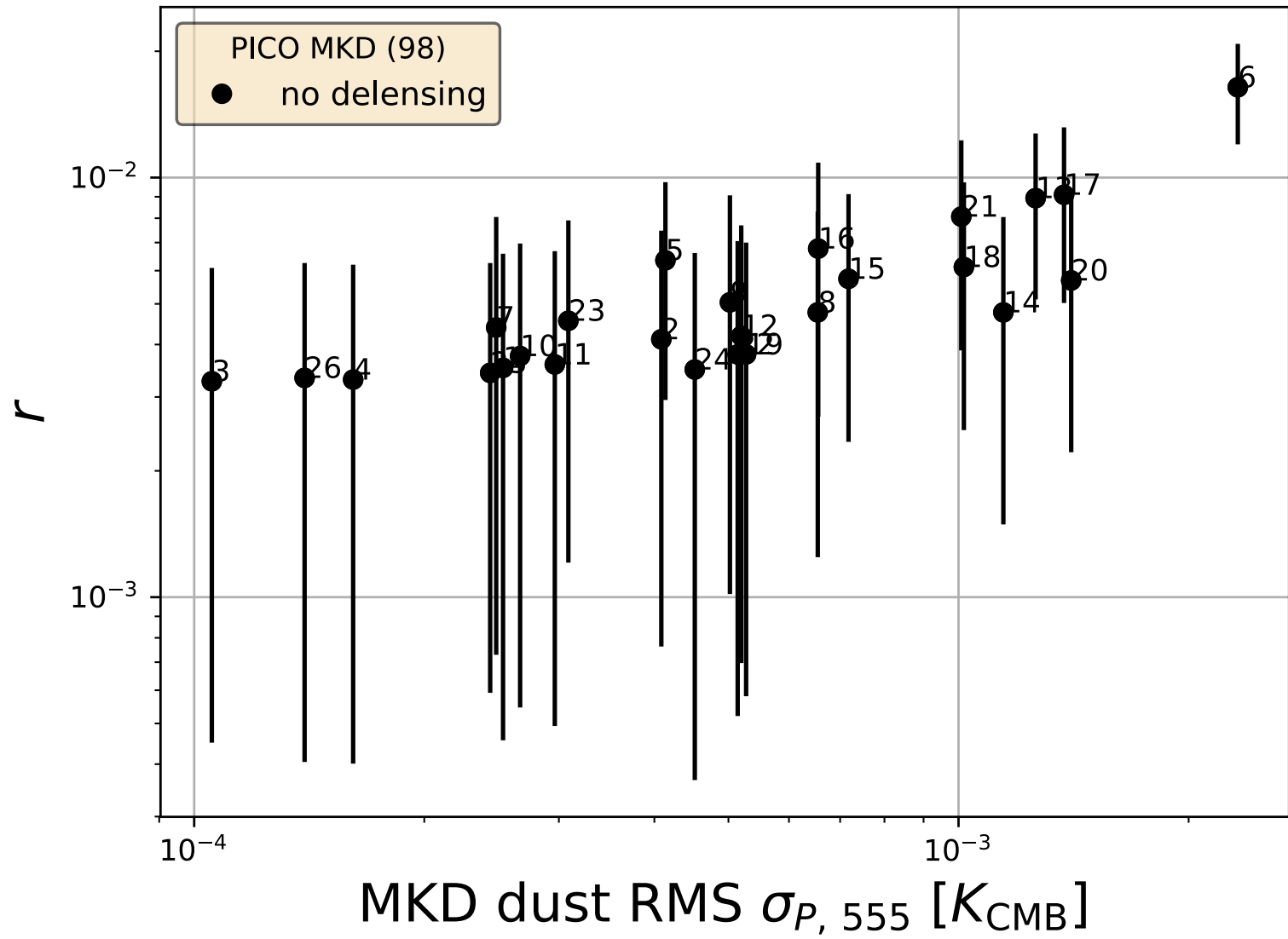


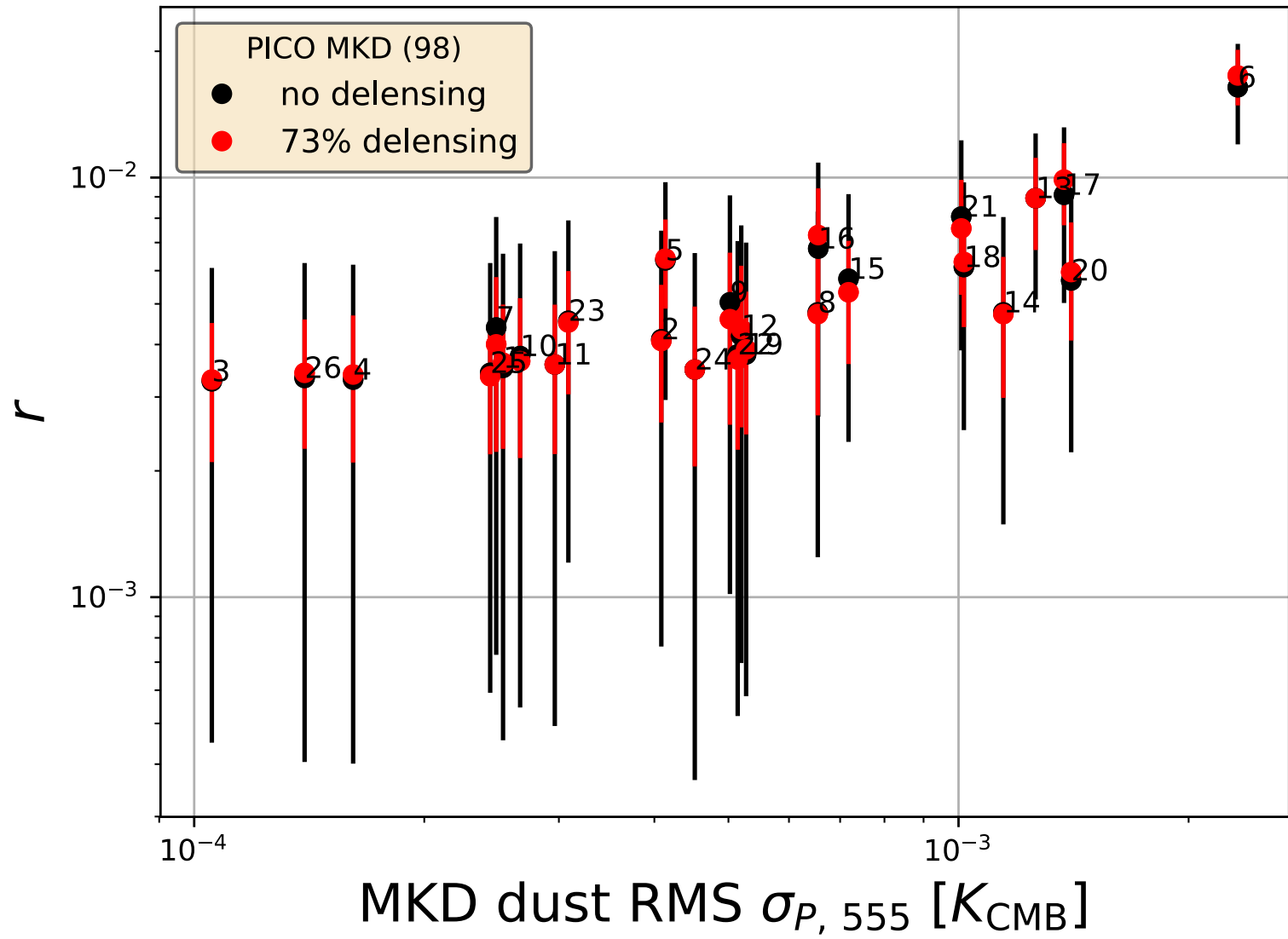


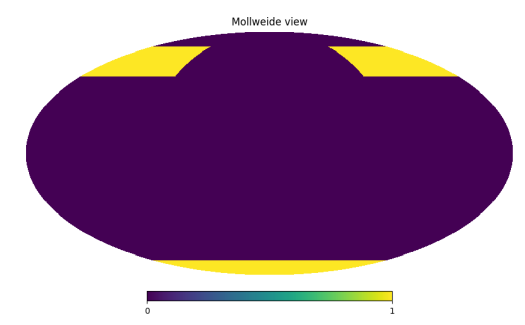
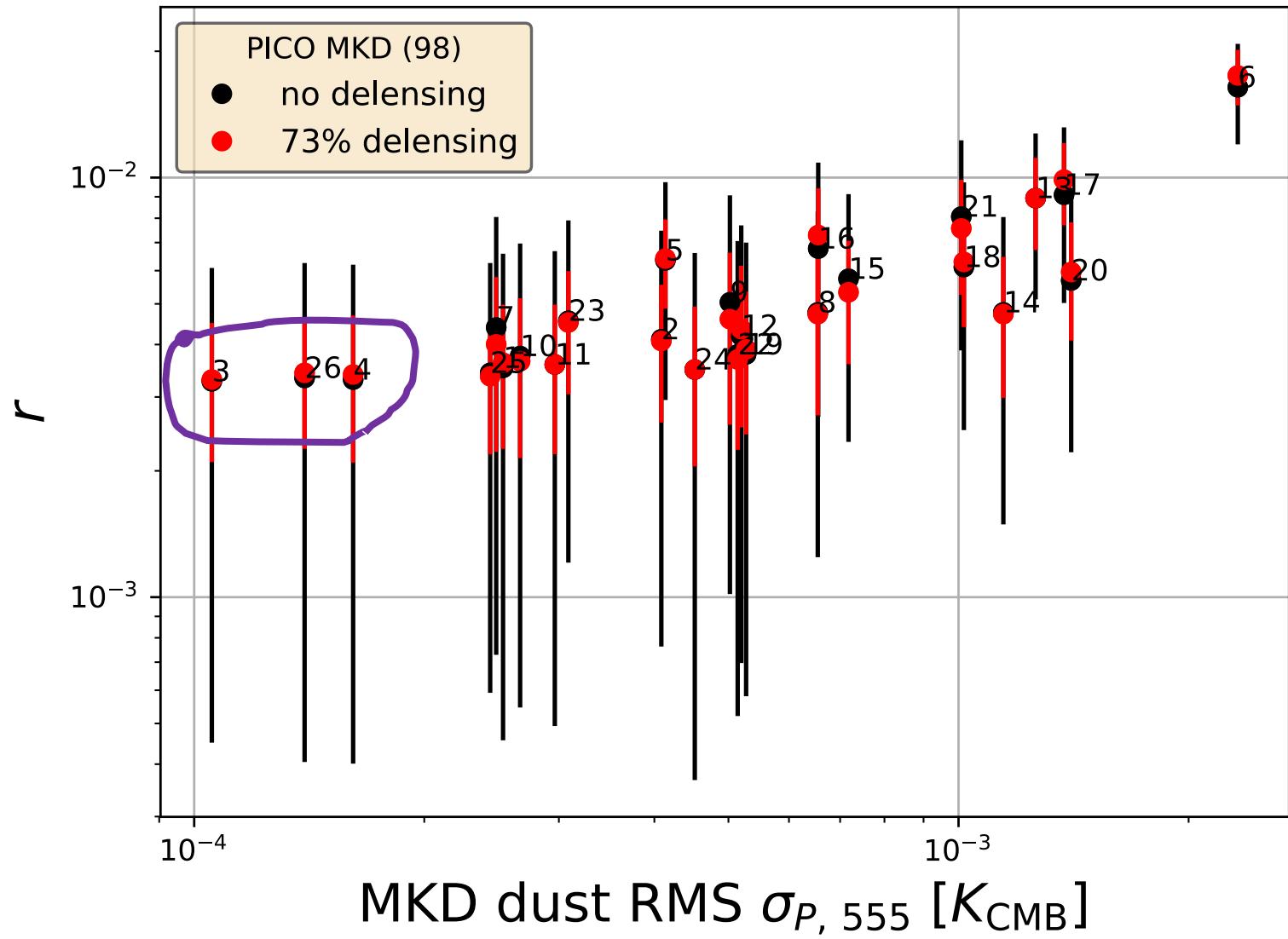


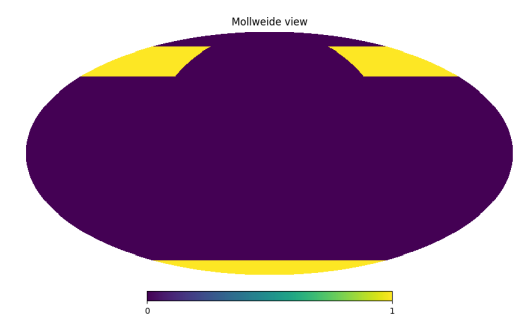
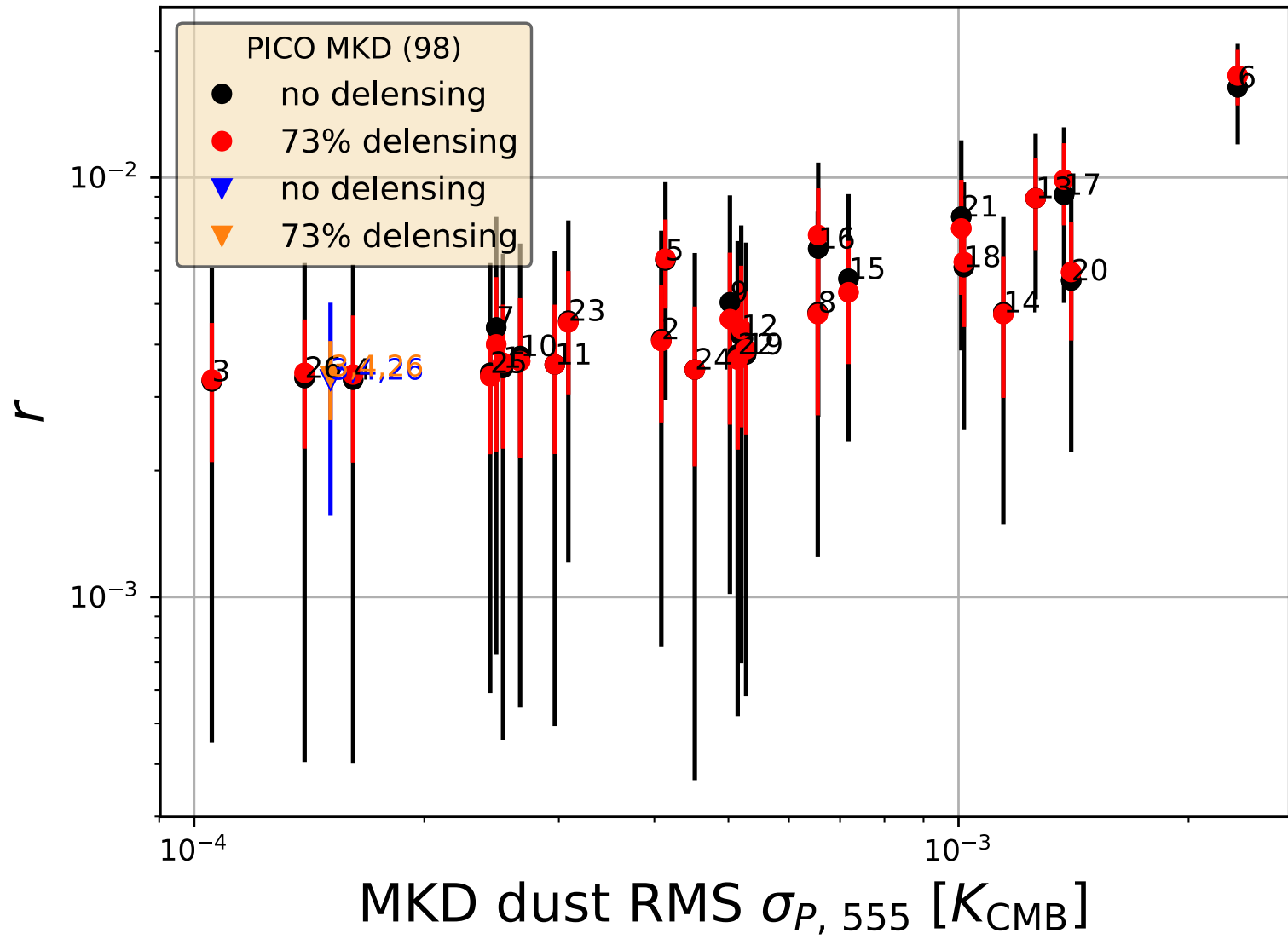


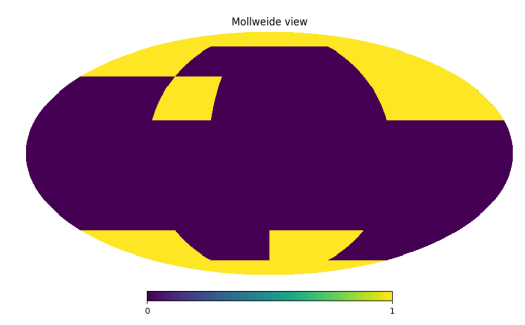
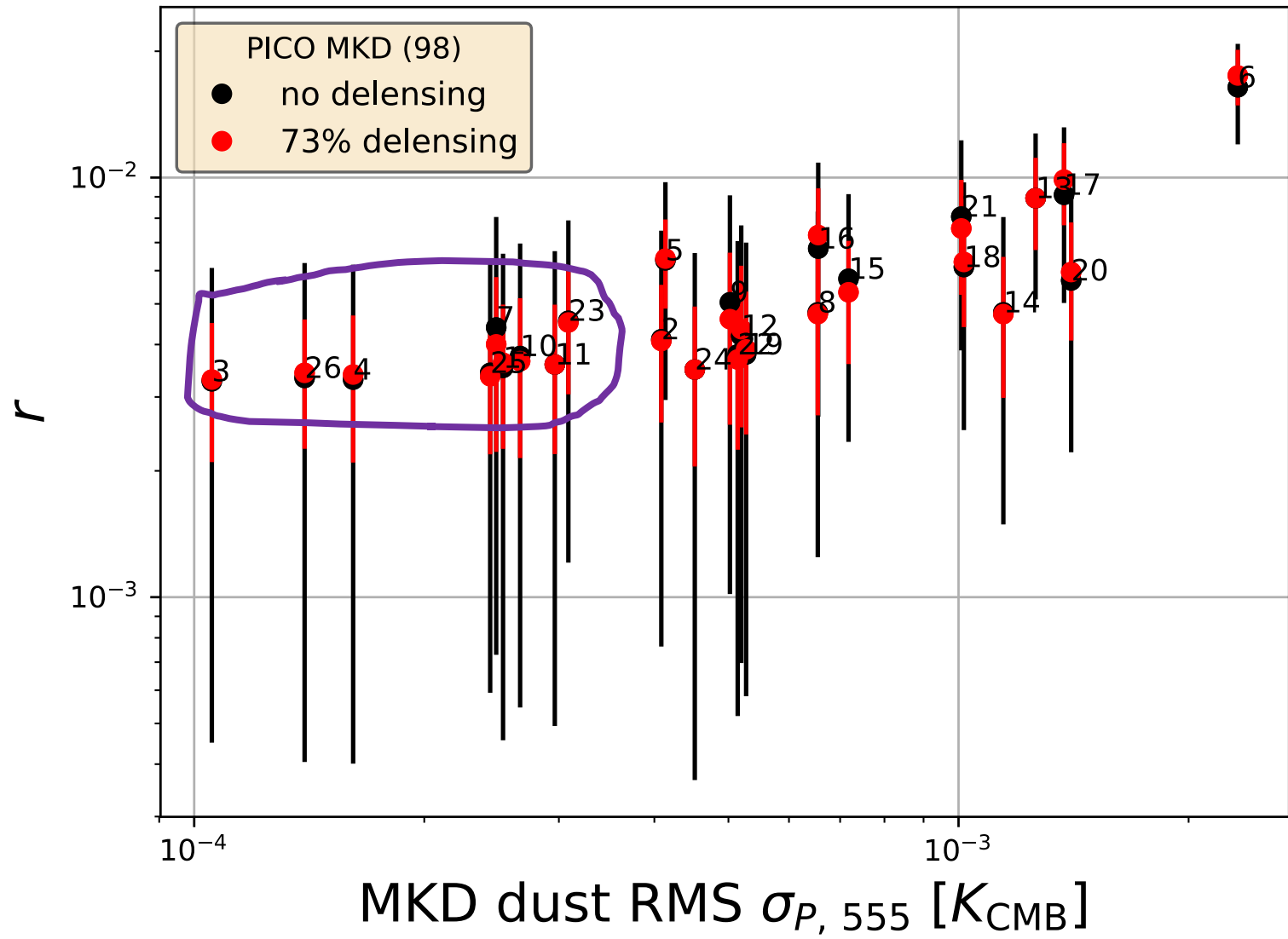
$$r = 0.003$$

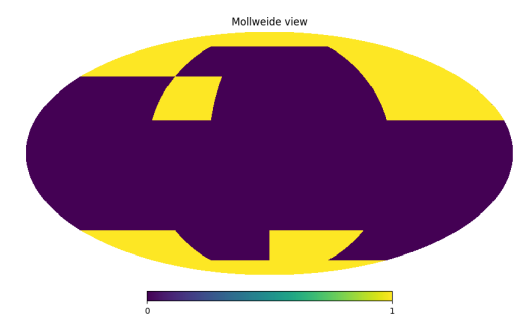
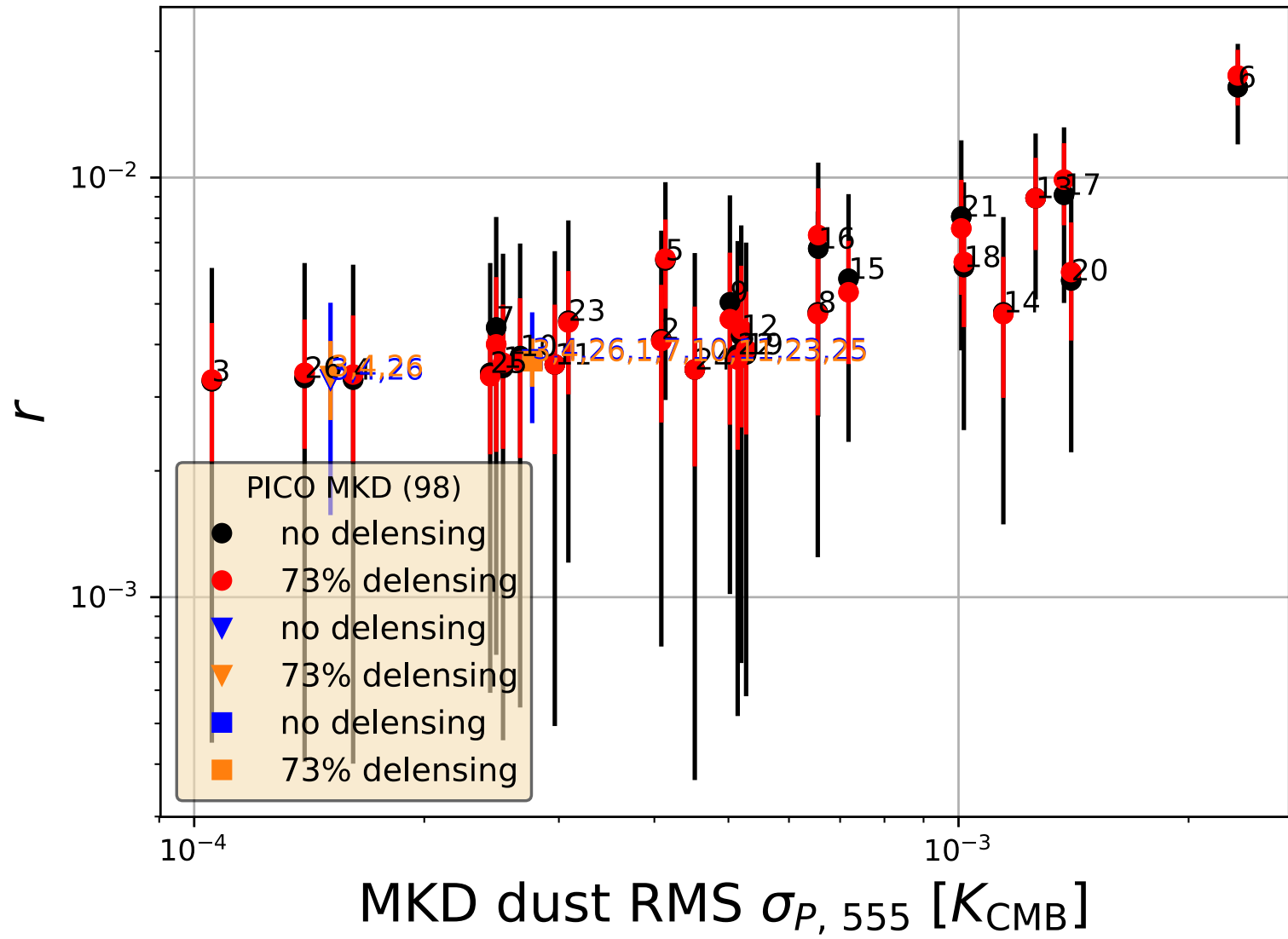




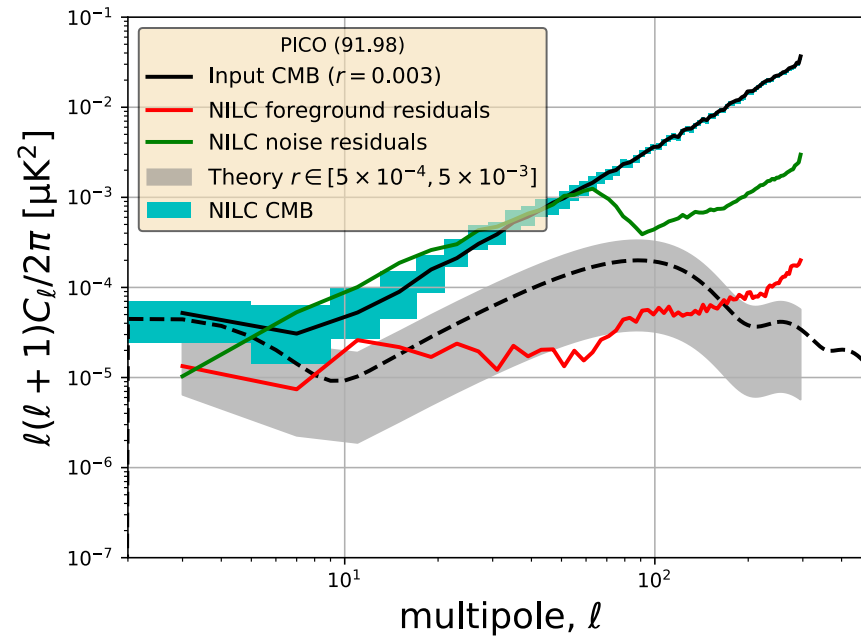
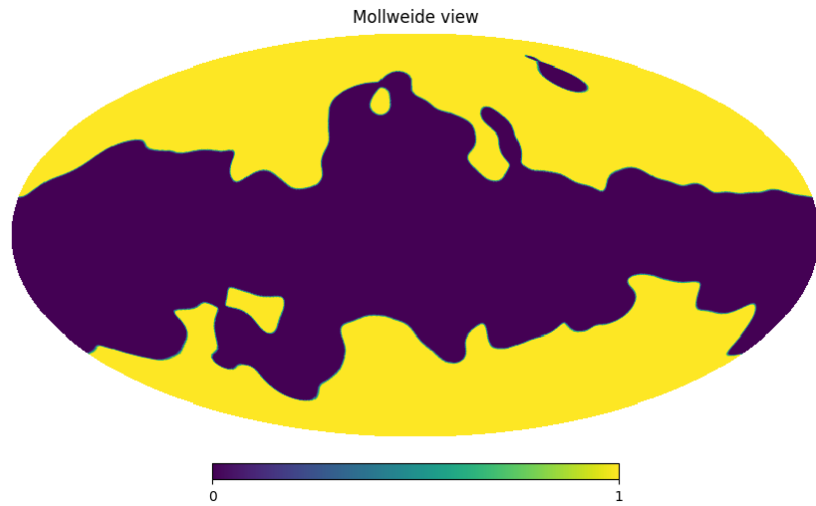






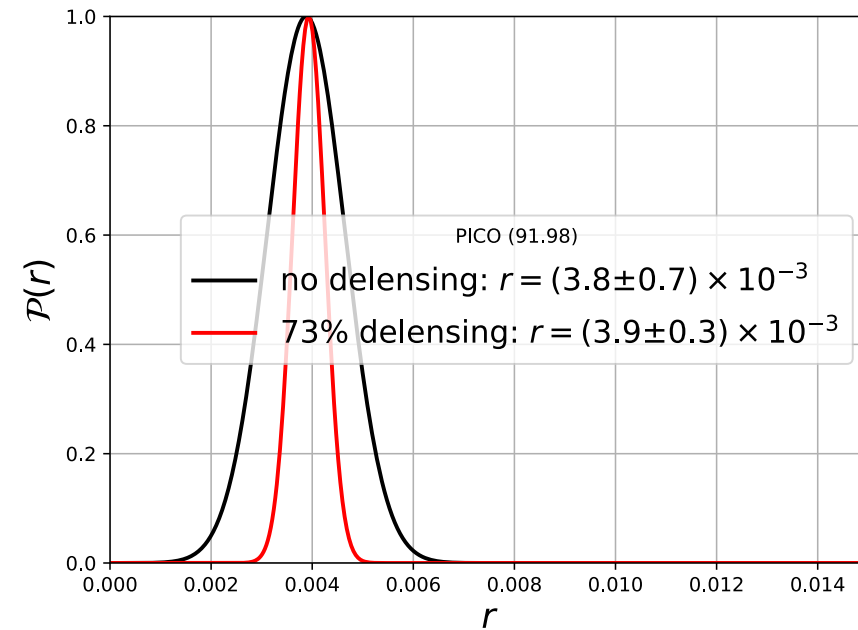


Model 98/MKD, $r = 0.003$

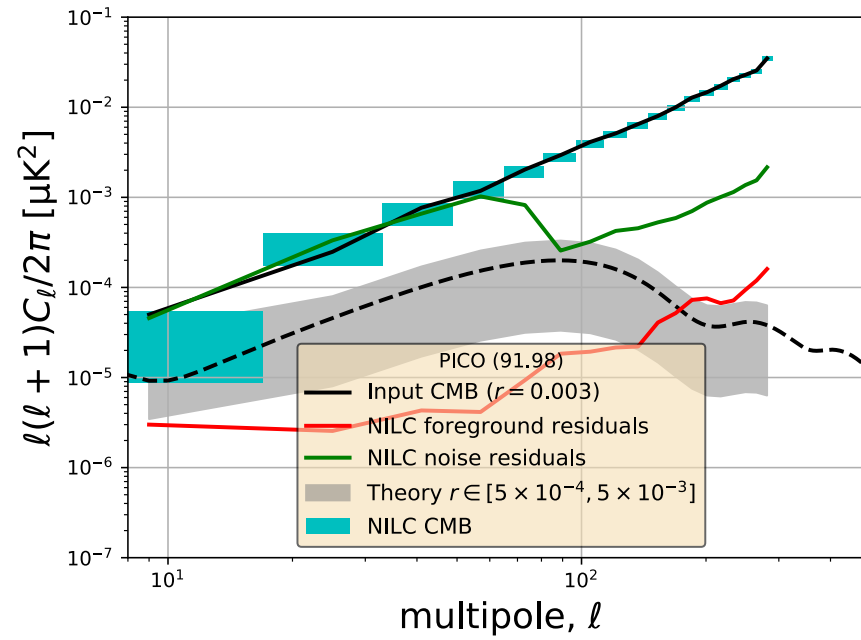
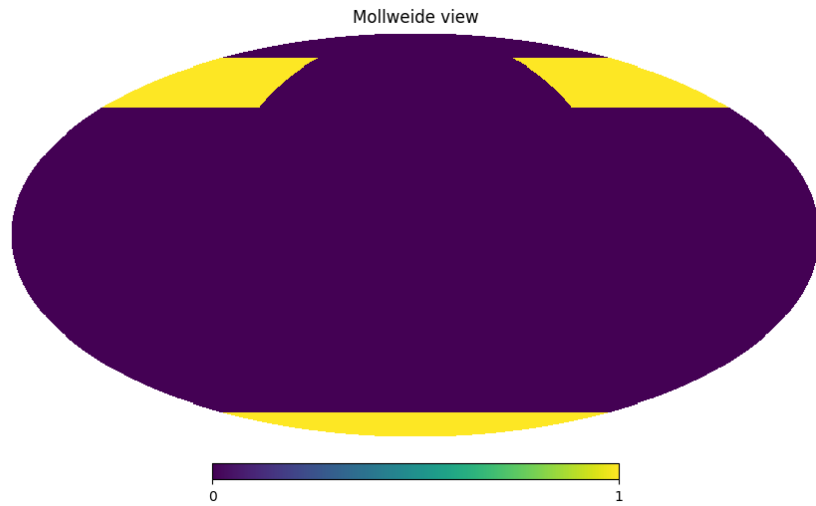


$$f_{\text{sky}} = 50\%$$

$$\text{Binning: } \Delta\ell = 4$$

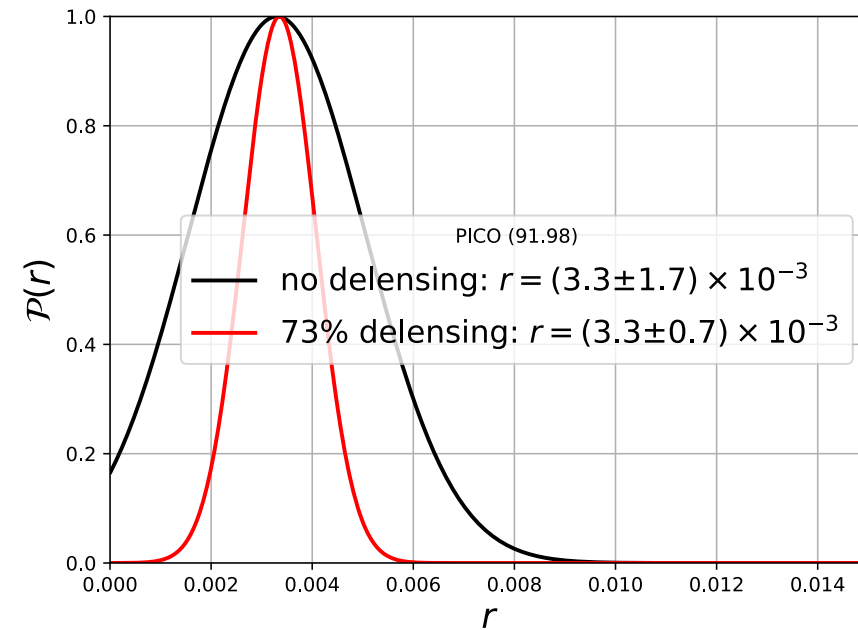


Patches 3, 4, and 26

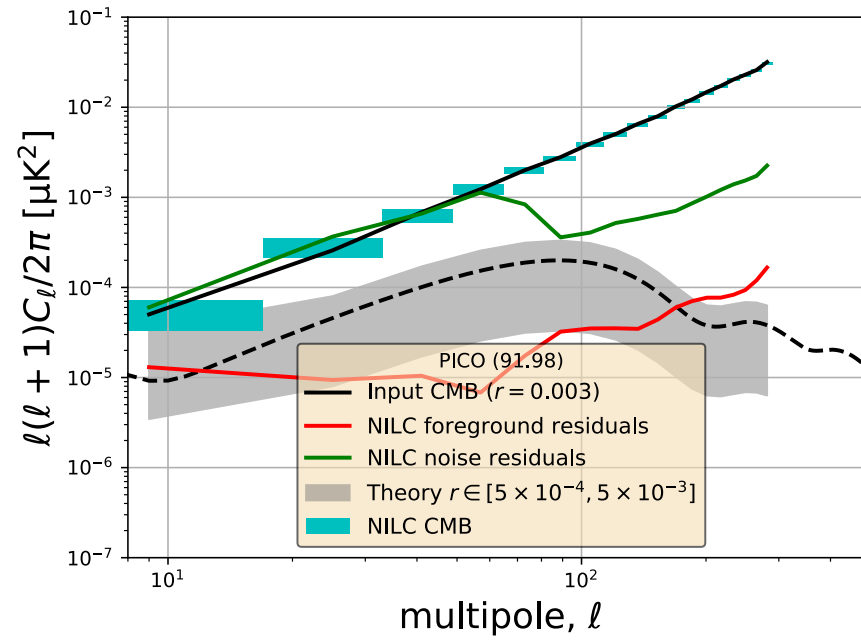
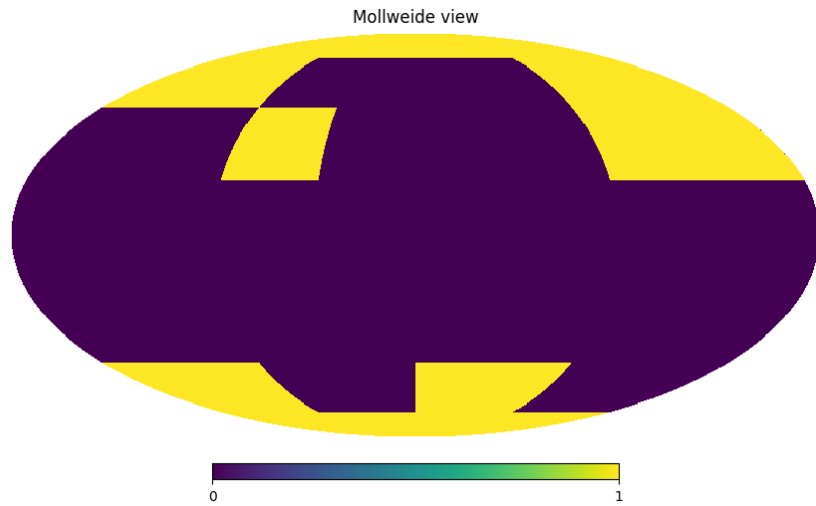


$$f_{\text{sky}} = 7.5\%$$

$$\text{Binning: } \Delta\ell = 16$$



Patches 1, 3, 4, 7, 10, 11, 23, 25, and 26



$$f_{\text{sky}} = 22.5\%$$

Binning: $\Delta l = 16$

