

Figure 1 is a log-log plot showing the background distribution of the number of stars per field. The x-axis is labeled "Number of stars per field" and ranges from 10^3 to 10^0 . The y-axis is labeled "Number of fields" and ranges from 10^0 to 10^2 . Two distributions are shown: a blue line for the Turin catalog and an orange line for the Milliquas catalog. A vertical dashed red line is at approximately 3.5 stars per field. The legend indicates: Blue line: Background distribution, Turin catalog; Orange line: Background distribution, Milliquas catalog; Red dashed line: IC220424A & IC230416A with NGC 7469.

N Datasets

Negative test statistic