

C231B Correlation Report

General information

- Session info: <http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/>
- Station feedback: https://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/sessions/may23/feedback_may23.asc
- No fringes to LMT, no data from Hs.
- Mopra 86 GHz is linearly polarized.
- Kt (no maser) and Br did not observe.

Status

| what | date |
|--|-------------|
| Finished v1 correlation of 7mm and sent to PIs | 23 Oct 2023 |
| Finished v1 correlation of 3mm | 5 Dec 2023 |
| Need to convert Aa pol | 6 Dec 2023 |
| Started recorrelation of v1 3mm; removes duplicate frequency records due v2d mistake | 18 Dec 2023 |
| Finished recorrelation of v1 3mm | 08 Jan 2024 |
| Waiting for ALMA QA2 calibration tables | ... |
| Sent to PI (ALMA uncorrected) | 28 Feb 2024 |

Fringes

| Station | Code | Fringes | Plots | Comments |
|---------------------|------|---------|-------|--------------------------------|
| Ef | | yes | | |
| Nn | | yes | | Intra Eu and VLBA |
| Mh | | yes | | |
| On | | yes | | |
| Od | | yes | | |
| Ys | | yes | | |
| Gl | | yes | | |
| Ku | | yes | | |
| Ky | | yes | | |
| VLBA(10) + Gb (ref) | | yes | | Both intra baselines and to Eu |
| Mp | | yes | | To At and KVN at least |

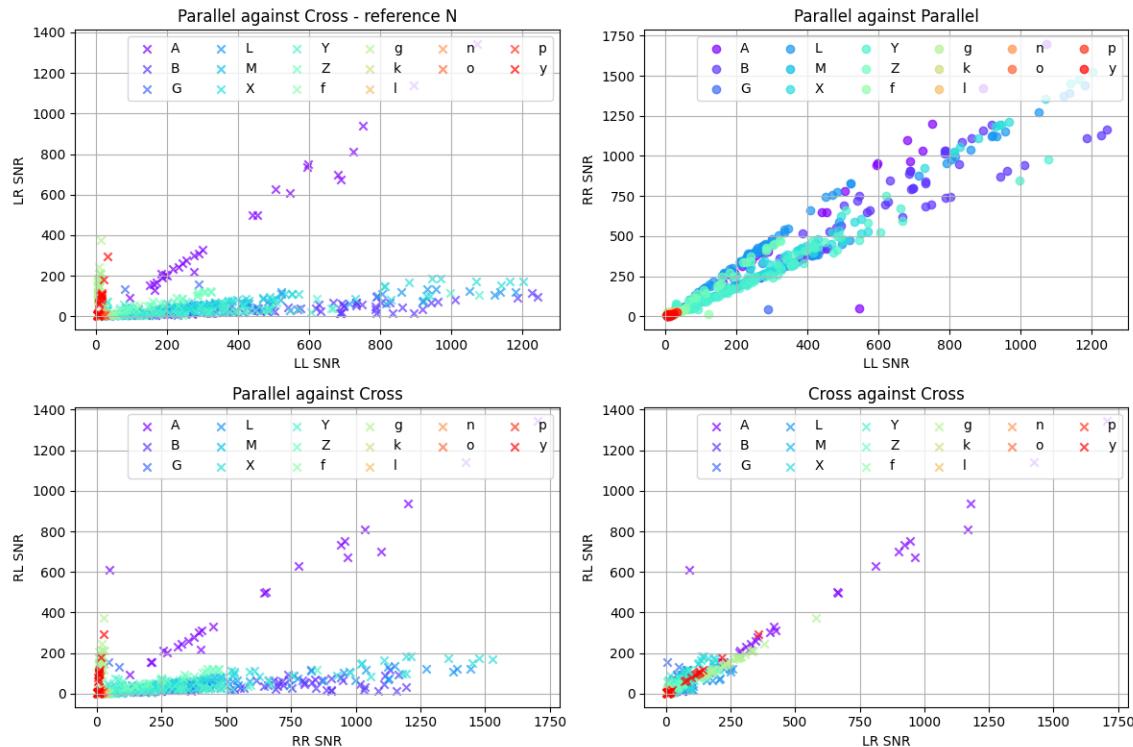
| Station | Code | Fringes | Plots | Comments |
|---------|------|---------|-------|------------------------------------|
| At | | yes | | To Mp and KVN at least |
| Mm | | yes | | To VLBA_MK and other VLBA antennas |
| Aa | | yes | | |
| Lm | | no | | |

Notes

- Ys late in a number of scans
- No PV due to maintenance
- Again OpenMPI and slurm problems; problematic scans recorrelated under DiFX 2.8.1 + patched openmpi 5.0.0

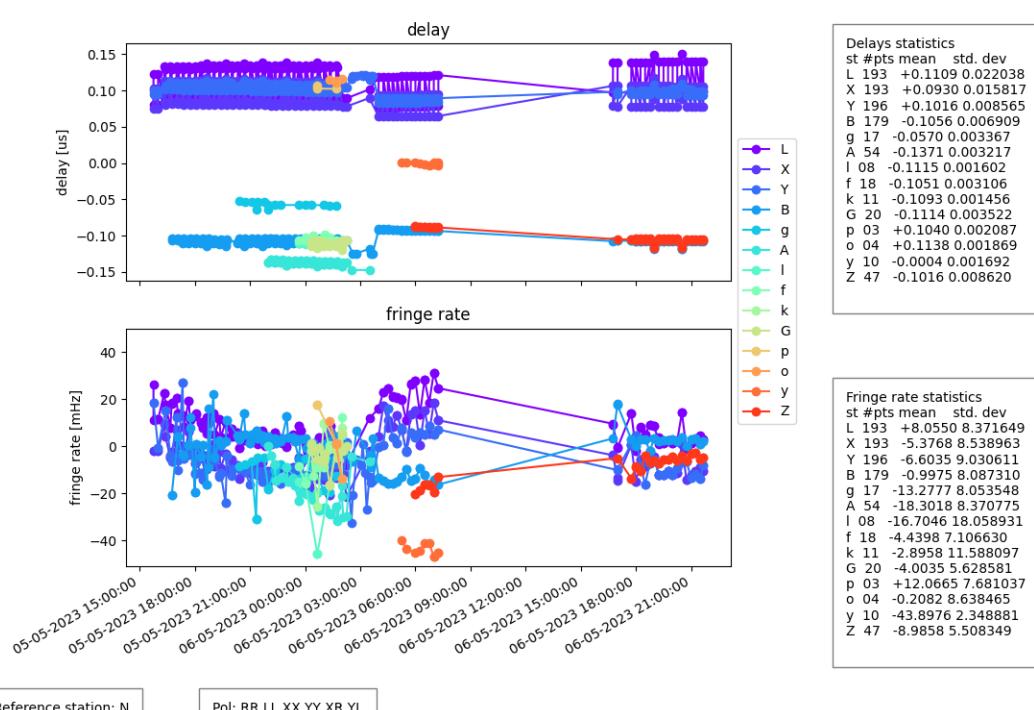
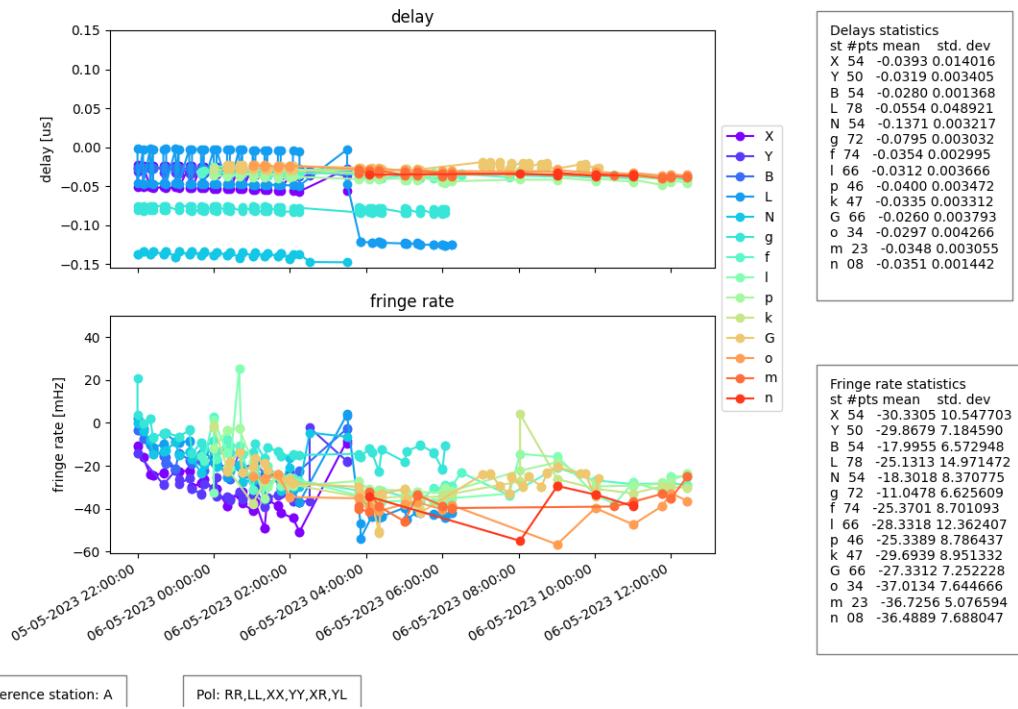
Post-Correlation checks

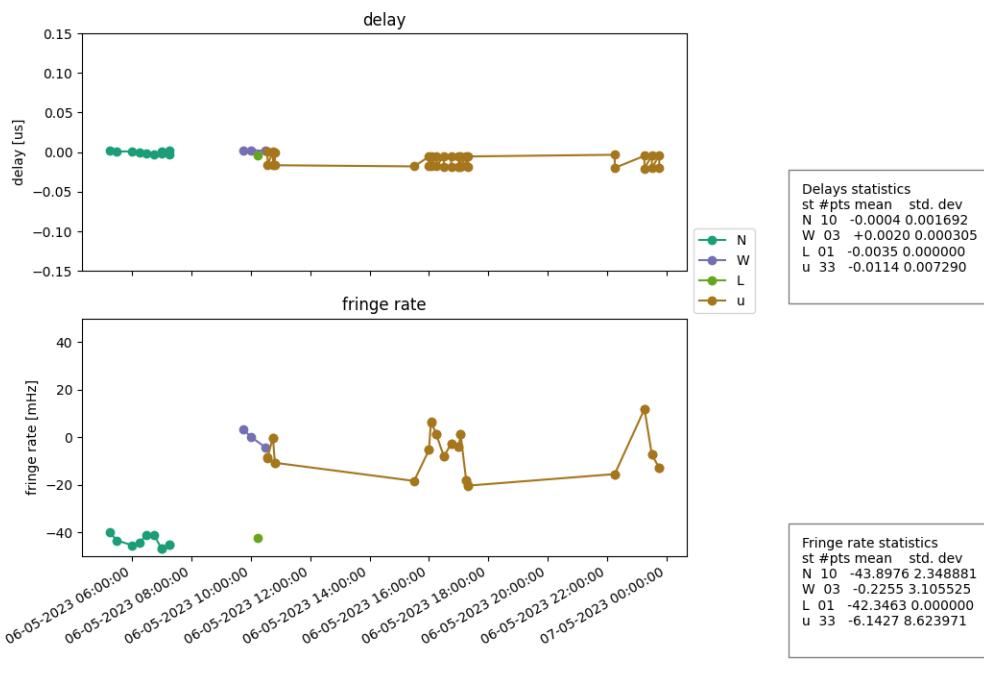
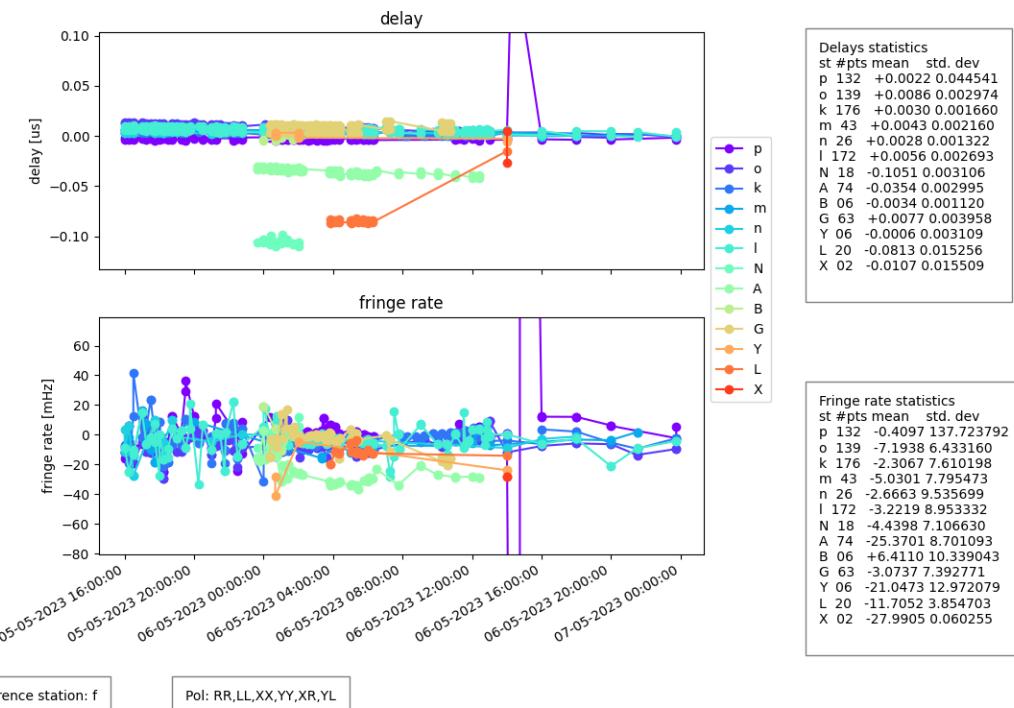
Polarization



Polarization relative to NOEMA and prior to PolConvert, i.e., ALMA (A) and Mopra (W, not shown) still linear.

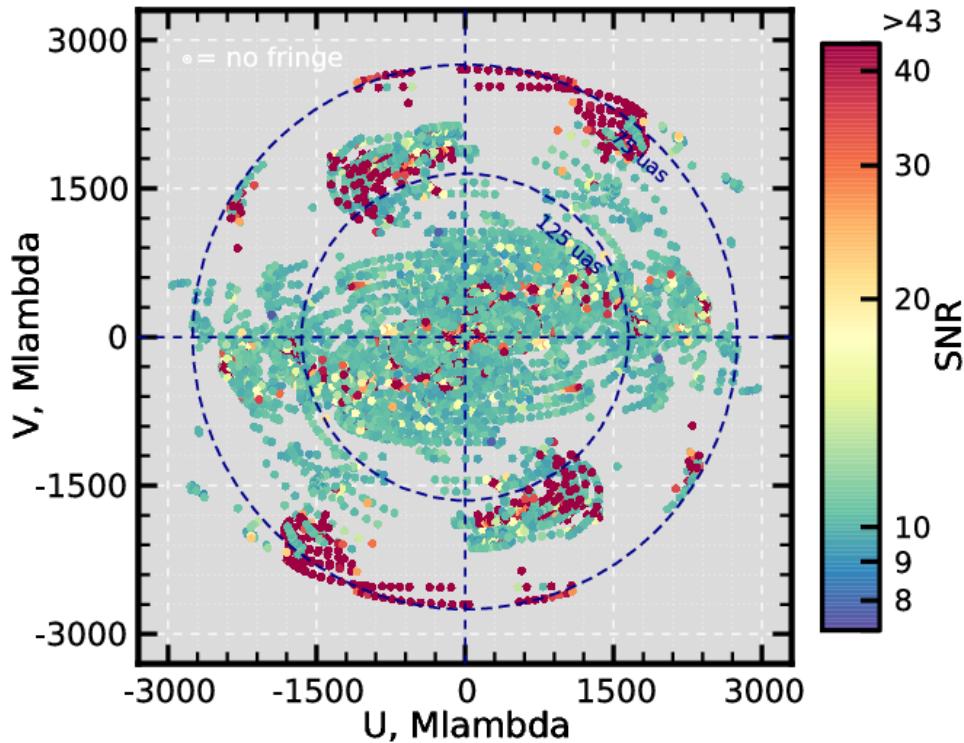
Residuals





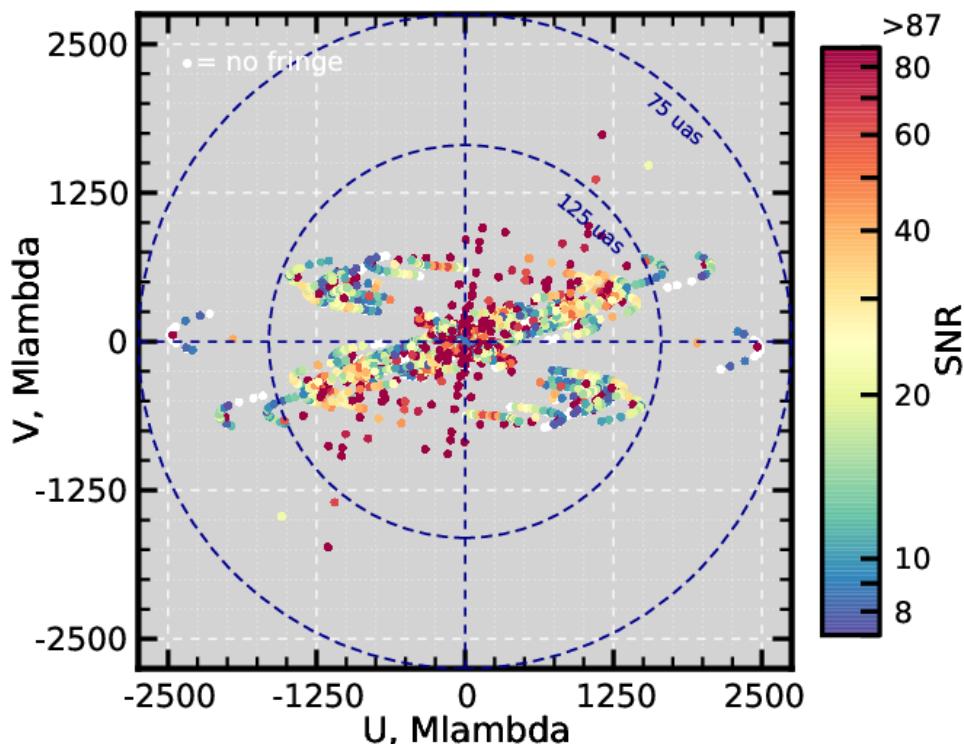
Detections 3mm

UV cov.: all sources, all antennas, all pols.



Detections 7mm

UV cov.: all sources, all antennas, all pols.



FITS completeness (pclist)

| | KU | KT | FD | GL | NL | OV | PT | BR | KP | MK | LA | GB | AA | HS | LM | MM | AT | MP | HN | NN | KY | | |
|-----------|--------|----|----|----|----|----|----|----------|-------|----|----|----|----|----|----|-------|-------|----|----|----|----|---|---|
| c231b_001 | No0398 | | | | | | | 1156+295 | | | | | | | | | 86ghz | o | o | o | x | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_002 | No0403 | | | | | | | | BLLAC | | | | | | | | 86ghz | . | . | . | . | . | . |
| . | . | o | x | o | o | o | x | o | o | o | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_003 | No0404 | | | | | | | 1156+295 | | | | | | | | 86ghz | o | o | o | o | x | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| | No0405 | | | | | | | 3C279 | | | | | | | | 86ghz | . | . | . | . | . | . | x |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_004 | No0410 | | | | | | | BLLAC | | | | | | | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | x | o | o | o | x | o | o | o | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_005 | No0413 | | | | | | | 3C454.3 | | | | | | | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | x | o | o | o | x | o | o | o | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_006 | No0414 | | | | | | | 3C273 | | | | | | | | 86ghz | . | o | o | . | x | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_007 | No0415 | | | | | | | M87 | | | | | | | | 86ghz | o | o | o | x | o | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_008 | No0420 | | | | | | | BLLAC | | | | | | | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | x | o | o | o | x | o | o | o | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_009 | No0421 | | | | | | | 3C273 | | | | | | | | 86ghz | . | o | o | o | x | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_010 | No0422 | | | | | | | M87 | | | | | | | | 86ghz | o | o | o | 98 | x | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_011 | No0427 | | | | | | | BLLAC | | | | | | | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | x | o | o | o | x | o | o | o | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_012 | No0428 | | | | | | | 3C273 | | | | | | | | 86ghz | o | o | o | o | x | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_013 | No0429 | | | | | | | M87 | | | | | | | | 86ghz | o | o | o | 98 | x | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| | No0430 | | | | | | | 3C279 | | | | | | | | 86ghz | . | . | . | . | . | . | x |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_014 | No0434 | | | | | | | 3C454.3 | | | | | | | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | x | o | o | o | x | o | o | o | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_015 | No0439 | | | | | | | BLLAC | | | | | | | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | x | o | o | o | x | o | o | o | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_016 | No0440 | | | | | | | 3C273 | | | | | | | | 86ghz | o | o | o | o | x | o | x |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_017 | No0441 | | | | | | | M87 | | | | | | | | 86ghz | o | o | o | 98 | x | o | x |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_018 | No0446 | | | | | | | BLLAC | | | | | | | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | x | o | o | o | x | o | o | o | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_019 | No0447 | | | | | | | 3C273 | | | | | | | | 86ghz | o | o | o | o | x | o | x |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| c231b_020 | No0448 | | | | | | | M87 | | | | | | | | 86ghz | o | o | o | 98 | x | o | x |
| x | x | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |

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|-----------|--------|-----------|---------|-------|---|---|---|----|---|---|---|---|
| c231b_021 | No0452 | 3C454.3 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o x o o o | x o o o | . | . | . | . | . | . | . | . | . |
| c231b_022 | No0453 | 3C273 | | 86ghz | o | o | o | o | x | o | x | |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_023 | No0454 | M87 | | 86ghz | o | o | o | 98 | x | o | x | |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_024 | No0459 | BLLAC | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o x o o o | x o 90 | o | . | . | . | . | . | . | . | . |
| c231b_025 | No0464 | BLLAC | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o x o o o | x o x | o | . | . | . | . | . | . | . | . |
| c231b_026 | No0465 | 3C273 | | 86ghz | o | o | o | o | x | o | x | |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_027 | No0466 | M87 | | 86ghz | o | o | o | 98 | x | o | x | |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_028 | No0470 | 3C454.3 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o x o o o | x o x | o | . | . | . | . | . | . | . | . |
| c231b_029 | No0471 | 3C279 | | 86ghz | o | o | o | o | x | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_030 | No0472 | M87 | | 86ghz | o | o | o | 98 | x | o | x | |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_031 | No0477 | BLLAC | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o x o o o | x o x | o | . | . | . | . | . | . | . | . |
| c231b_032 | No0478 | 3C273 | | 86ghz | o | o | o | o | x | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_033 | No0479 | M87 | | 86ghz | o | o | o | o | x | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_034 | No0484 | BLLAC | | 86ghz | . | . | . | . | . | . | . | x |
| x | x | o x o o o | x o x | o | . | . | . | . | . | . | . | . |
| c231b_035 | No0488 | 3C454.3 | | 86ghz | . | . | . | . | . | . | . | x |
| x | x | o . o o o | x o x | o | . | . | . | . | . | . | . | . |
| c231b_036 | No0489 | 3C273 | | 86ghz | o | o | o | o | x | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_037 | No0490 | M87 | | 86ghz | o | o | o | o | x | o | . | . |
| . | . | . | o | . | . | . | . | . | . | . | . | . |
| c231b_038 | No0495 | BLLAC | | 86ghz | . | . | . | . | . | . | . | x |
| x | x | o . o o o | x o x | o | . | . | . | . | . | . | . | . |
| c231b_039 | No0496 | 3C279 | | 86ghz | o | o | o | o | x | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_040 | No0497 | M87 | | 86ghz | o | o | o | o | x | o | . | . |
| . | . | . | o | . | . | . | . | . | . | . | . | . |
| c231b_041 | No0502 | BLLAC | | 86ghz | . | . | . | . | . | . | . | x |
| x | x | o . o o o | x o x | o | . | . | . | . | . | . | . | . |
| c231b_042 | No0503 | 3C273 | | 86ghz | o | o | o | o | x | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_043 | No0504 | M87 | | 86ghz | o | o | o | 98 | x | o | . | . |
| . | . | . | o | . | . | . | . | . | . | . | . | . |
| c231b_044 | No0509 | 3C454.3 | | 86ghz | . | . | . | . | . | . | . | x |
| x | x | o . o o o | x o o | o | . | . | . | . | . | . | . | . |
| c231b_045 | No0514 | BLLAC | | 86ghz | . | . | . | . | . | . | . | x |
| x | x | o . o o o | x o o | o | . | . | . | . | . | . | . | . |

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|-----------|--------|----------|---|-------|---|---|---|----|---|---|---|
| c231b_046 | No0515 | 3C273 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_047 | No0516 | M87 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | o | . | . | . | . | . | . | . | . |
| c231b_048 | No0521 | BLLAC | | 86ghz | . | . | . | . | . | . | x |
| x | x | o | . | o | o | x | o | o | o | x | o |
| c231b_049 | No0522 | 3C279 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_050 | No0523 | M87 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | o | . | . | . | . | . | . | . | . |
| c231b_051 | No0528 | BLLAC | | 86ghz | . | . | . | . | . | . | x |
| x | x | o | . | o | o | x | o | o | o | x | o |
| c231b_052 | No0529 | 3C273 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_053 | No0530 | M87 | | 86ghz | o | o | o | 98 | x | o | . |
| . | . | . | o | . | . | . | . | . | . | . | . |
| c231b_054 | No0535 | 3C84 | | 86ghz | . | . | . | . | . | . | x |
| x | x | o | . | o | o | x | o | o | o | o | . |
| c231b_055 | No0540 | 3C84 | | 86ghz | . | . | . | . | . | . | x |
| x | x | o | . | o | o | x | o | o | o | o | . |
| c231b_056 | No0541 | 3C273 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | o | . | . | . | . | . | . | . | . |
| c231b_057 | No0542 | M87 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | o | . | . | . | . | . | . | . | . |
| c231b_058 | No0547 | 3C84 | | 86ghz | . | . | . | . | . | . | x |
| x | x | o | . | o | o | x | o | o | o | o | . |
| c231b_059 | No0548 | 3C279 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_061 | No0549 | M87 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | o | . | . | . | . | . | . | . | . |
| c231b_062 | No0554 | 3C84 | | 86ghz | . | . | . | . | . | . | x |
| x | x | o | . | o | o | x | o | o | o | o | . |
| | No0555 | 1156+295 | | 86ghz | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | x | . | . | . | . |
| c231b_064 | No0556 | 3C273 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | o | . | . | . | o | o | o | o | . |
| c231b_065 | No0557 | M87 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | o | . | . | . | o | o | o | o | . |
| c231b_066 | No0558 | M87 | | 86ghz | o | o | o | 90 | x | o | . |
| . | . | . | o | . | . | . | o | o | o | o | . |
| c231b_067 | No0563 | 3C84 | | 86ghz | . | . | . | . | . | . | x |
| x | x | o | . | o | o | x | o | o | o | o | . |
| c231b_068 | No0568 | 3C84 | | 86ghz | . | . | . | . | . | . | x |
| x | x | o | . | o | o | x | o | o | o | o | . |
| c231b_069 | No0569 | 3C273 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | o | . | . | . | o | o | o | o | . |
| c231b_070 | No0570 | M87 | | 86ghz | o | o | o | o | x | o | . |
| . | . | . | o | . | . | . | o | o | o | o | . |
| c231b_071 | No0575 | 3C84 | | 86ghz | . | . | . | . | . | . | x |
| x | x | o | . | o | o | x | o | o | o | o | . |

| | No0576 | 3C273 | 86ghz | . | . | . | . | . | . | . | . |
|---------------|--------|-------|-------|---|---|---|---|---|---|---|---|
| c231b_072 | No0577 | 3C273 | x | . | . | . | . | . | . | . | . |
| c231b_073 | No0578 | M87 | o | o | . | . | . | . | . | . | . |
| c231b_074 | No0583 | 3C84 | o | o | . | . | . | . | . | . | x |
| x x o . o o o | x | o o o | o | . | . | . | . | . | . | . | . |
| c231b_075 | No0584 | 3C279 | o | o | x | . | . | . | . | x | . |
| c231b_076 | No0587 | M87 | o | o | x | . | . | . | . | x | . |
| c231b_077 | No0592 | 3C84 | o | o | x | . | . | . | . | . | x |
| x x . . o o o | x | o o o | o | . | . | . | . | . | . | . | . |
| c231b_078 | No0597 | 3C84 | o | o | x | . | . | . | . | . | x |
| x x . . o . | x | o o | . | . | . | . | . | . | . | . | . |
| | No0598 | 3C273 | x | . | . | . | . | . | . | . | . |
| c231b_079 | No0601 | 3C273 | o | o | o | o | x | . | . | . | . |
| c231b_080 | No0602 | M87 | o | o | o | x | . | . | . | x | . |
| c231b_081 | No0607 | 3C84 | o | o | o | x | . | . | . | . | x |
| x x . . o . | x | o o | . | . | . | . | . | . | . | . | . |
| c231b_082 | No0608 | 3C273 | o | o | o | x | . | . | x | . | . |
| c231b_083 | No0609 | M87 | o | o | o | x | . | . | . | x | . |
| c231b_084 | No0612 | 3C84 | o | o | o | x | . | . | . | . | x |
| x x . . o . | x | o o | . | . | . | . | . | . | . | . | . |
| c231b_085 | No0614 | 3C273 | x | . | . | . | . | . | . | x | . |
| c231b_086 | No0617 | M87 | o | o | o | x | . | . | . | . | . |
| c231b_087 | No0623 | 3C273 | x | . | . | . | . | . | . | x | . |
| c231b_088 | No0624 | M87 | o | o | o | x | . | . | . | x | . |
| c231b_089 | No0625 | 3C279 | o | o | o | x | . | . | . | . | . |
| c231b_090 | No0628 | M87 | o | o | o | x | . | . | . | x | . |
| c231b_091 | No0634 | 3C273 | x | . | . | . | . | . | . | x | . |
| c231b_092 | No0635 | M87 | o | o | o | x | . | . | x | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . |

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|-----------|--------|----------|----|-------|---|---|---|----|---|---|---|
| c231b_093 | No0637 | 3C273 | | 86ghz | o | o | o | o | . | o | . |
| . | . | o | o | o | o | o | x | o | . | . | . |
| c231b_094 | No0638 | M87 | | 86ghz | o | o | o | o | x | o | . |
| . | . | o | o | o | o | o | x | o | . | . | . |
| | No0639 | 3C273 | | 86ghz | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | x | . | . | . | . |
| c231b_095 | No0644 | 3C273 | | 86ghz | o | o | o | o | . | o | . |
| . | . | o | o | o | o | o | x | o | . | . | . |
| c231b_096 | No0645 | M87 | | 86ghz | o | o | o | 98 | x | o | . |
| . | . | o | o | o | o | o | x | o | . | . | . |
| c231b_097 | No0647 | 3C279 | | 86ghz | . | . | . | o | . | o | . |
| . | . | o | . | o | o | o | x | o | . | . | . |
| c231b_098 | No0648 | M87 | | 86ghz | o | o | o | o | . | o | . |
| . | . | o | 70 | o | o | o | x | o | . | . | . |
| c231b_099 | No0649 | M87 | | 86ghz | o | o | o | o | . | o | . |
| . | . | o | o | o | o | o | x | o | . | . | . |
| c231b_100 | No0650 | NRAO530 | | 86ghz | o | . | . | o | . | o | . |
| . | . | . | . | . | . | . | o | . | . | . | . |
| c231b_101 | No0651 | SGR_A | | 86ghz | o | . | . | o | . | o | . |
| . | . | . | . | . | . | . | o | . | . | . | . |
| | No0652 | 3C273 | | 86ghz | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | x | . | . | . | . |
| c231b_102 | No0657 | 3C273 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | o | o | o | o | x | o | . | . | . |
| c231b_103 | No0658 | M87 | | 86ghz | . | o | o | . | . | . | . |
| . | . | o | o | o | o | o | x | o | . | . | . |
| c231b_104 | No0659 | M87 | | 86ghz | . | o | o | . | . | . | . |
| . | . | o | o | o | o | o | x | o | . | . | . |
| | No0660 | 1757-240 | | 86ghz | x | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_105 | No0661 | SGR_A | | 86ghz | o | . | . | o | . | o | . |
| . | . | . | . | . | . | . | o | . | . | . | . |
| c231b_106 | No0663 | 3C273 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | o | o | o | o | x | o | . | . | . |
| c231b_107 | No0664 | M87 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | o | o | o | o | x | o | . | . | . |
| | No0665 | 1757-240 | | 86ghz | x | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_108 | No0666 | SGR_A | | 86ghz | o | . | . | o | . | o | . |
| . | . | . | . | . | . | . | o | . | . | . | . |
| c231b_109 | No0667 | SGR_A | | 86ghz | o | . | . | 93 | . | o | . |
| . | . | . | . | . | . | . | o | . | . | . | . |
| c231b_110 | No0668 | SGR_A | | 86ghz | o | . | . | o | . | o | . |
| . | . | . | . | . | . | . | o | . | . | . | . |
| c231b_111 | No0669 | SGR_A | | 86ghz | o | . | . | 91 | . | o | . |
| . | . | . | . | . | . | . | o | . | . | . | . |
| | No0670 | 3C279 | | 86ghz | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | x | . | . | . | . |
| c231b_112 | No0674 | 3C279 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | . | . | . |

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| c231b_113 | No0675 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o . | x o | o | . | . | . | . | . | . |
| c231b_114 | No0676 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o . | x o | o | . | . | . | . | . | . |
| c231b_115 | No0677 | NRA0530 | | 86ghz | o | o | o | . | o | . | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_116 | No0678 | SGR_A | | 86ghz | o | . | . | o | . | . | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_117 | No0679 | 3C273 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o o | x o | o | . | . | . | . | . | . |
| c231b_118 | No0680 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o o | x o | o | . | . | . | . | . | . |
| c231b_119 | No0681 | SGR_A | | 86ghz | o | . | . | o | . | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| | No0682 | 3C273 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | x | . | . | . | . | . |
| c231b_120 | No0687 | 3C273 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o o | x o | o | . | . | . | . | . | . |
| c231b_121 | No0688 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o o | x o | o | . | . | . | . | . | . |
| c231b_122 | No0689 | 0954+658 | | 86ghz | o | o | o | o | x | o | x | . |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_123 | No0690 | 0954+658 | | 86ghz | o | o | o | o | x | o | x | . |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_124 | No0691 | 3C279 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o o | x o | o | . | . | . | . | . | . |
| c231b_125 | No0692 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o o | x o | o | . | . | . | . | . | . |
| c231b_126 | No0693 | 0954+658 | | 86ghz | o | o | o | o | x | o | x | . |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| | No0694 | 3C273 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | x | . | . | . | . | . | . |
| c231b_127 | No0699 | 3C273 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o o | x o | o | . | . | . | . | . | . |
| c231b_128 | No0700 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o o | x o | o | . | . | . | . | . | . |
| c231b_129 | No0701 | 0954+658 | | 86ghz | o | o | o | o | x | o | x | . |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_130 | No0704 | 3C273 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o o | x o | o | . | . | . | . | . | . |
| c231b_131 | No0705 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o o o o o | x o o | o o o | x o | o | . | . | . | . | . | . |
| c231b_132 | No0706 | 0954+658 | | 86ghz | o | o | o | o | x | o | 95 | . |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_133 | No0707 | 0954+658 | | 86ghz | o | o | o | o | x | o | o | . |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| | No0708 | 3C279 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | x | . | . | . | . | . | . |
| c231b_134 | No0713 | 3C279 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o . o o o | x o o | o o o | x o | o | . | . | . | . | . | . |

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| c231b_135 | No0714 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | o | o | o | x | o | o | o | x | o | o |
| c231b_136 | No0715 | 0954+658 | | 86ghz | o | o | o | o | x | o | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_137 | No0720 | 3C273 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | o | o | o | x | o | o | o | x | x | o |
| c231b_138 | No0721 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | o | o | o | x | o | o | o | x | x | o |
| c231b_139 | No0722 | 0954+658 | | 86ghz | o | o | o | o | x | o | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_140 | No0725 | 3C273 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | o | o | o | x | o | o | o | x | x | o |
| c231b_141 | No0726 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | o | o | o | x | o | o | o | x | x | o |
| c231b_142 | No0727 | 0954+658 | | 86ghz | o | o | o | o | o | o | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_143 | No0728 | 3C279 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x | x | o |
| c231b_144 | No0729 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | o | o | o | x | o | o | o | x | x | o |
| c231b_145 | No0730 | 0954+658 | | 86ghz | o | o | o | o | o | o | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_146 | No0733 | 3C273 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | o | . | o | x | o | o | o | x | x | o |
| c231b_147 | No0734 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | o | . | o | x | o | o | o | x | x | o |
| | No0735 | 1757-240 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | x | . | . | . | . |
| c231b_148 | No0737 | NRAO530 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | . | . | . | o | o | x | . | . |
| c231b_149 | No0738 | SGR_A | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | . | . | . | o | o | x | . | . |
| | No0739 | J1924-2914 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | x | . | . | . | . |
| c231b_150 | No0740 | 0954+658 | | 86ghz | o | o | o | o | o | o | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_151 | No0743 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | o | . | o | x | o | o | o | x | x | o |
| c231b_152 | No0745 | SGR_A | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | . | . | . | o | o | x | . | . |
| c231b_153 | No0746 | 0954+658 | | 86ghz | o | o | o | o | o | o | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_154 | No0749 | 3C273 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | o | . | o | x | o | o | o | x | x | o |
| c231b_155 | No0750 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | o | . | o | x | o | o | o | x | x | o |
| | No0751 | 1757-240 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | x | . | . | . | . | . |
| | No0752 | J1924-2914 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | x | . | . | . | . |

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| c231b_156 | No0755 | SGR_A | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | . | o | . | o | o | x | . | . |
| c231b_157 | No0756 | 0954+658 | | 86ghz | o | o | o | o | o | o | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_158 | No0759 | 3C279 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | o | . | x | o | o | . | . | . | . |
| c231b_159 | No0760 | M87 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | o | . | o | . | x | o | 61 | . | . | . |
| c231b_160 | No0762 | SGR_A | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | . | o | . | o | o | x | . | . |
| c231b_161 | No0763 | 0954+658 | | 86ghz | o | o | o | o | o | o | o | o |
| x | x | . | . | . | . | . | . | . | . | . | . | . |
| c231b_162 | No0765 | 3C273 | | 86ghz | . | . | . | . | . | . | . | o |
| x | x | . | . | o | . | x | . | 22 | . | . | . | . |
| c231b_163 | No0766 | M87 | | 86ghz | . | . | . | . | . | . | . | o |
| x | x | . | o | . | o | . | x | . | 38 | . | . | . |
| | No0767 | 1757-240 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | x | . | . | . | . |
| c231b_164 | No0769 | SGR_A | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | . | o | . | o | o | x | . | . |
| c231b_165 | No0771 | 3C273 | | 86ghz | . | . | . | . | . | . | . | o |
| x | x | . | . | o | . | x | . | x | . | . | . | . |
| c231b_166 | No0772 | M87 | | 86ghz | . | . | . | . | . | . | . | o |
| x | x | . | o | . | o | . | x | . | x | . | . | . |
| c231b_167 | No0774 | NRAO530 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | . | o | . | o | o | x | . | . |
| c231b_168 | No0775 | SGR_A | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | . | o | . | o | o | x | . | . |
| c231b_169 | No0776 | 0106+013 | | 86ghz | o | o | o | o | 80 | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_170 | No0778 | 3C273 | | 86ghz | . | . | . | . | . | . | . | o |
| x | x | . | . | . | . | x | . | x | . | . | . | . |
| c231b_171 | No0779 | M87 | | 86ghz | . | . | . | . | . | . | . | o |
| x | x | . | o | . | . | x | . | x | . | . | . | . |
| | No0780 | 1757-240 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | x | . | . | . | . |
| c231b_172 | No0783 | J1924-2914 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | . | o | . | o | o | x | . | . |
| c231b_173 | No0786 | SGR_A | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | . | o | o | x | . | . |
| c231b_174 | No0787 | NGC1052 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_175 | No0789 | 3C279 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | x | . | x | . | . | . | . |
| c231b_176 | No0790 | M87 | | 86ghz | . | . | . | . | . | . | . | o |
| x | x | . | o | . | . | x | . | x | . | . | . | . |
| c231b_177 | No0791 | SGR_A | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | . | o | o | x | . | . |
| c231b_178 | No0792 | NGC1052 | | 86ghz | o | o | o | o | o | o | . | . |
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| c231b_179 | No0794 | 3C273 | | 86ghz | . | . | . | . | . | . | . | o | | | | | | |
| x | x | . | . | . | . | x | . | x | . | . | . | o | o | o | o | . | . | . |
| c231b_180 | No0795 | M87 | | 86ghz | . | . | . | . | . | . | . | o | | | | | | |
| x | x | . | o | . | . | x | . | o | . | . | . | o | o | o | o | . | . | . |
| | No0796 | NRAO530 | | 86ghz | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_181 | No0801 | NRAO530 | | 86ghz | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | . | o | . | o | o | 88 | x | . | . | . | . | . |
| c231b_182 | No0802 | SGR_A | | 86ghz | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | . | o | . | o | o | o | x | . | . | . | . | . |
| c231b_183 | No0803 | NGC1052 | | 86ghz | o | o | o | o | o | o | o | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_184 | No0805 | 3C273 | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | o |
| x | x | . | . | . | . | x | . | o | . | . | . | o | o | o | o | . | . | . |
| c231b_185 | No0806 | M87 | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | o |
| x | x | . | o | . | . | x | . | o | . | . | . | o | o | o | o | . | . | . |
| c231b_186 | No0809 | SGR_A | | 86ghz | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | . | o | . | o | o | o | x | . | . | . | . | . |
| c231b_187 | No0810 | NGC1052 | | 86ghz | o | o | o | o | o | o | o | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_188 | No0812 | 3C273 | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | o |
| x | x | . | . | . | . | x | . | o | . | . | . | o | o | o | o | . | . | . |
| c231b_189 | No0813 | M87 | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | o |
| x | x | . | . | . | . | x | . | o | . | . | . | o | o | o | o | . | . | . |
| | No0814 | J1924-2914 | | 86ghz | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_190 | No0819 | J1924-2914 | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | . |
| . | . | o | . | o | o | o | . | o | . | o | o | o | x | o | . | . | . | . |
| c231b_191 | No0820 | SGR_A | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | . |
| . | . | o | . | o | o | o | . | o | . | o | o | o | x | o | . | . | . | . |
| c231b_192 | No0821 | NGC1052 | | 86ghz | o | o | o | o | o | o | o | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_193 | No0823 | 3C279 | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | o |
| x | x | . | . | . | . | x | . | o | . | . | . | o | o | o | o | . | . | . |
| c231b_194 | No0824 | M87 | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | o |
| x | x | . | . | . | . | x | . | o | . | . | . | o | o | o | o | . | . | . |
| c231b_195 | No0827 | SGR_A | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | . |
| . | . | o | . | o | o | o | . | o | . | o | o | o | x | o | . | . | . | . |
| c231b_196 | No0828 | NGC1052 | | 86ghz | o | o | o | o | o | o | o | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_197 | No0830 | 3C273 | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | o |
| x | x | . | . | . | . | x | . | o | . | . | . | o | o | o | o | . | . | . |
| c231b_198 | No0831 | M87 | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | o |
| x | x | . | . | . | . | x | . | o | . | . | . | o | o | o | o | . | . | . |
| | No0832 | 1757-240 | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | . |
| . | . | . | . | . | . | . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_199 | No0837 | SGR_A | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | . |
| . | . | o | . | o | o | o | . | o | . | o | o | o | x | o | . | . | . | . |
| c231b_200 | No0838 | SGR_A | | 86ghz | . | . | . | . | . | . | . | o | o | o | o | . | . | . |
| . | . | o | . | o | o | o | . | o | . | o | o | o | x | o | . | . | . | . |

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|-----------|--------|------------|---|-------|----|---|---|---|---|---|---|
| c231b_201 | No0839 | NGC1052 | | 86ghz | 09 | o | o | o | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_202 | No0841 | 3C273 | | 86ghz | . | . | . | . | . | . | o |
| x | x | . | . | . | x | . | o | . | . | . | . |
| c231b_203 | No0842 | M87 | | 86ghz | . | . | . | . | . | . | o |
| x | x | . | . | . | x | . | o | . | . | . | . |
| c231b_204 | No0845 | SGR_A | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | . | o | x | o | . |
| c231b_205 | No0846 | NGC1052 | | 86ghz | o | o | o | o | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_206 | No0848 | 3C273 | | 86ghz | . | . | . | . | . | . | o |
| x | x | . | . | . | x | . | o | . | . | . | . |
| c231b_207 | No0849 | M87 | | 86ghz | . | . | . | . | . | . | o |
| x | x | . | . | . | x | . | o | . | . | . | . |
| | No0850 | J1924-2914 | | 86ghz | . | . | . | . | . | . | . |
| . | . | . | . | . | . | . | x | . | . | . | . |
| c231b_208 | No0855 | J1924-2914 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | . | o | x | o | . |
| c231b_209 | No0856 | SGR_A | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | . | o | x | o | . |
| c231b_210 | No0857 | 0106+013 | | 86ghz | o | o | o | o | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_211 | No0858 | 3C279 | | 86ghz | . | . | . | . | . | . | o |
| x | x | . | . | . | x | . | o | . | . | . | . |
| c231b_212 | No0859 | M87 | | 86ghz | . | . | . | . | . | . | o |
| x | x | . | . | . | x | . | o | . | . | . | . |
| c231b_213 | No0862 | SGR_A | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | . | o | x | o | . |
| c231b_214 | No0863 | NGC1052 | | 86ghz | o | o | o | o | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_215 | No0864 | 3C273 | | 86ghz | . | . | . | . | . | . | o |
| x | x | . | . | . | . | . | . | . | . | . | . |
| c231b_216 | No0865 | M87 | | 86ghz | . | . | . | . | . | . | o |
| 61 | x | . | . | . | . | . | . | . | . | . | . |
| | No0866 | 1757-240 | | 86ghz | . | . | . | . | . | . | . |
| . | . | . | . | . | . | x | . | . | . | . | . |
| c231b_217 | No0870 | NRAO530 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | o | o | . | o | . |
| c231b_218 | No0871 | SGR_A | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | o | o | . | o | . |
| c231b_219 | No0872 | NGC1052 | | 86ghz | o | o | o | o | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_220 | No0873 | 3C273 | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | . | . | . | o | . |
| c231b_221 | No0874 | M87 | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | . | . | . | o | . |
| c231b_222 | No0877 | SGR_A | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | o | o | . | o | . |
| c231b_223 | No0878 | NGC1052 | | 86ghz | o | o | o | o | o | . | . |
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|-----------|------------|------------|-------|---|---|---|-------|---|---|---|
| No0879 | J1924-2914 | | 86ghz | . | . | . | . | . | . | . |
| c231b_224 | No0884 | J1924-2914 | | x | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_225 | No0885 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_226 | No0886 | NGC1052 | | | | | 86ghz | o | o | o |
| . | . | . | . | . | . | . | . | . | . | . |
| c231b_227 | No0889 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_228 | No0890 | NGC1052 | | | | | 86ghz | o | o | o |
| . | . | . | . | . | . | . | . | . | . | . |
| c231b_229 | No0895 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_230 | No0896 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_231 | No0897 | NGC1052 | | | | | 86ghz | o | o | o |
| . | . | . | . | . | . | . | . | . | . | . |
| c231b_232 | No0900 | NRAO530 | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_233 | No0901 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_234 | No0902 | NGC1052 | | | | | 86ghz | o | o | o |
| . | . | . | . | . | . | . | . | . | . | . |
| c231b_235 | No0905 | J1924-2914 | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_236 | No0906 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_237 | No0908 | 0106+013 | | | | | 86ghz | o | o | o |
| . | . | . | o | . | . | . | . | . | . | . |
| c231b_238 | No0911 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_239 | No0912 | J1924-2914 | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_240 | No0913 | NGC1052 | | | | | 86ghz | o | o | o |
| . | . | . | . | . | . | . | . | . | . | . |
| c231b_241 | No0914 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_242 | No0915 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_243 | No0916 | NGC1052 | | | | | 86ghz | o | o | o |
| . | . | . | . | . | . | . | . | . | . | . |
| c231b_244 | No0919 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_245 | No0920 | SGR_A | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |
| c231b_246 | No0921 | NGC1052 | | | | | 86ghz | o | o | o |
| . | . | . | . | . | . | . | . | . | . | . |
| c231b_247 | No0923 | J1924-2914 | | | | | 86ghz | . | . | . |
| . | . | o | . | o | o | x | o | o | o | x |

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|-----------|--------|----------|---|-------|---|---|---|---|---|---|----|
| c231b_248 | No0924 | SGR_A | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | . | o | o | x | . | . |
| c231b_249 | No0925 | NGC1052 | | 86ghz | o | o | o | o | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_250 | No0928 | SGR_A | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | . | o | o | x | . | . |
| c231b_251 | No0929 | NGC1052 | | 86ghz | o | o | o | o | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_252 | No0934 | SGR_A | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | . | o | o | x | . | . |
| c231b_253 | No0937 | NGC1052 | | 86ghz | o | o | o | o | o | . | . |
| . | . | . | o | . | . | . | . | . | . | . | . |
| c231b_254 | No0940 | NGC1052 | | 86ghz | o | o | o | o | . | . | . |
| . | . | . | o | . | . | . | . | . | . | . | . |
| c231b_255 | No0945 | 0106+013 | | 86ghz | o | o | o | o | . | . | . |
| . | . | o | . | o | o | x | o | . | . | . | . |
| c231b_256 | No0950 | NGC1052 | | 86ghz | o | o | o | o | . | . | . |
| . | . | o | . | o | . | . | . | . | . | . | . |
| c231b_257 | No0953 | NGC1052 | | 86ghz | o | o | o | o | . | . | . |
| . | . | o | . | o | o | . | o | o | . | . | . |
| c231b_258 | No0958 | NGC1052 | | 86ghz | o | o | o | o | . | . | . |
| . | . | o | . | o | o | . | o | o | . | . | . |
| c231b_259 | No0964 | NRAO530 | | 86ghz | . | . | . | . | . | . | 55 |
| o | x | . | . | . | . | . | o | . | . | . | . |
| c231b_260 | No0965 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | . | . | . | . |
| c231b_261 | No0969 | NGC1052 | | 86ghz | o | . | . | o | . | . | . |
| . | . | o | . | o | o | . | o | o | . | . | . |
| c231b_262 | No0974 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | . | . | . | . |
| c231b_263 | No0978 | NGC1052 | | 86ghz | o | . | . | o | . | . | . |
| . | . | o | . | o | o | . | o | o | . | . | . |
| c231b_264 | No0984 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | o | . | . | . |
| c231b_265 | No0987 | NGC1052 | | 86ghz | o | . | . | o | . | . | . |
| . | . | o | . | o | o | o | x | o | . | . | . |
| c231b_266 | No0993 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | o | . | . | . |
| c231b_267 | No0996 | NGC1052 | | 86ghz | . | . | . | o | . | . | . |
| . | . | o | . | o | o | o | x | o | . | . | . |
| c231b_268 | No1002 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | o | . | . | . |
| c231b_269 | No1005 | 0106+013 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | . | . | . |
| c231b_270 | No1011 | NRAO530 | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | o | . | . | . |
| c231b_271 | No1012 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | o | . | . | . |
| c231b_272 | No1013 | 1156+295 | | 86ghz | o | o | o | . | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |

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|-----------|--------|------------|---|-------|---|---|---|---|---|---|---|
| c231b_273 | No1016 | NGC1052 | | 86ghz | . | . | . | o | . | . | . |
| . | . | o | . | o | o | x | o | . | o | . | . |
| c231b_274 | No1021 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | . | o | . | . | . |
| c231b_275 | No1022 | 1156+295 | | 86ghz | o | o | o | . | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |
| c231b_276 | No1025 | NGC1052 | | 86ghz | . | . | . | o | . | . | . |
| . | . | o | . | o | o | x | o | . | o | . | . |
| c231b_277 | No1031 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | . | . | . | . |
| c231b_278 | No1032 | 1156+295 | | 86ghz | o | o | o | . | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |
| c231b_279 | No1035 | NGC1052 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | . | o | . | . |
| c231b_280 | No1041 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | . | . | . | . |
| c231b_281 | No1042 | 1156+295 | | 86ghz | o | o | o | o | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |
| c231b_282 | No1045 | NGC1052 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | . | o | . | . |
| c231b_283 | No1051 | J1924-2914 | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | . | . | . | . |
| c231b_284 | No1052 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | . | . | . | . |
| c231b_285 | No1053 | 1156+295 | | 86ghz | o | o | o | o | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |
| c231b_286 | No1056 | NGC1052 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | . | o | . | . |
| c231b_287 | No1061 | NRAO530 | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | . | . | . | . |
| c231b_288 | No1062 | SGR_A | | 86ghz | . | . | . | . | . | . | o |
| o | x | . | . | . | . | . | o | . | . | . | . |
| c231b_289 | No1063 | 1156+295 | | 86ghz | o | o | o | o | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |
| c231b_290 | No1066 | NGC1052 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | o | . | . | . |
| c231b_291 | No1070 | 3C273 | | 86ghz | o | o | o | o | o | o | . |
| . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_292 | No1073 | NGC1052 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | o | . | . | . |
| c231b_293 | No1077 | 1156+295 | | 86ghz | o | o | o | o | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |
| c231b_294 | No1080 | 0106+013 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | o | . | . | . |
| c231b_295 | No1084 | 1156+295 | | 86ghz | o | o | o | o | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |
| c231b_296 | No1087 | NGC1052 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | o | . | . | . |
| c231b_297 | No1091 | 1156+295 | | 86ghz | o | o | o | o | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |

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|-----------|--------|----------|---|-------|---|---|---|---|---|---|---|---|
| c231b_298 | No1094 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_299 | No1098 | 1156+295 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_300 | No1101 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_301 | No1105 | 1156+295 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_302 | No1108 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_303 | No1112 | 3C273 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_304 | No1115 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_305 | No1119 | 1156+295 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_306 | No1122 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_307 | No1126 | 1156+295 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_308 | No1129 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_309 | No1133 | 1156+295 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_310 | No1136 | 0106+013 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_311 | No1140 | 1156+295 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_312 | No1143 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_313 | No1147 | 1156+295 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_314 | No1150 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_315 | No1154 | 3C273 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | . | . | . | . | . | . | . | . | . | . |
| c231b_316 | No1157 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_317 | No1161 | 1156+295 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_318 | No1164 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_319 | No1168 | 1156+295 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_320 | No1171 | NGC1052 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |
| c231b_321 | No1173 | 1156+295 | | 86ghz | o | o | o | o | o | o | . | . |
| . | . | . | x | . | . | . | . | . | . | . | . | . |
| c231b_322 | No1176 | 0106+013 | | 86ghz | . | . | . | . | . | . | . | . |
| . | . | o | . | o | o | o | x | o | o | o | . | . |

| | | | | | | | | | | | |
|-----------|--------|----------|---|-------|---|---|---|---|---|---|---|
| c231b_323 | No1178 | 1156+295 | | 86ghz | o | o | o | o | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |
| c231b_324 | No1179 | 1156+295 | | 86ghz | o | o | o | o | o | o | . |
| . | . | . | x | . | . | . | . | . | . | . | . |
| c231b_325 | No1182 | NGC1052 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | o | o | . | . |
| c231b_326 | No1185 | NGC1052 | | 86ghz | . | . | . | . | . | . | . |
| . | . | o | . | o | o | x | o | o | o | . | . |
| c231b_327 | No1189 | 0106+013 | | 86ghz | . | . | . | . | . | . | o |
| o | x | o | . | . | o | o | x | o | o | o | . |
| c231b_328 | No1193 | NGC1052 | | 86ghz | . | . | . | . | . | . | o |
| o | x | o | . | . | o | o | x | o | o | o | . |
| c231b_329 | No1197 | NGC1052 | | 86ghz | . | . | . | . | . | . | o |
| o | x | o | . | . | o | o | x | o | o | o | . |
| c231b_330 | No1201 | NGC1052 | | 86ghz | . | . | . | . | . | . | o |
| o | x | o | . | . | o | o | x | o | o | o | . |
| c231b_331 | No1204 | NGC1052 | | 86ghz | . | . | . | . | . | . | o |
| o | x | o | . | . | o | o | x | o | o | o | . |
| c231b_332 | No1207 | NGC1052 | | 86ghz | . | . | . | . | . | . | o |
| o | x | o | . | . | o | o | x | o | o | o | . |
| c231b_333 | No1210 | NRAO150 | | 86ghz | . | . | . | . | . | . | o |
| o | x | o | . | o | o | o | x | o | o | o | . |