

Figures of NIKA2 PIIC flux calibration statistics
see the *Summary of NIKA2 calibration files* for more details

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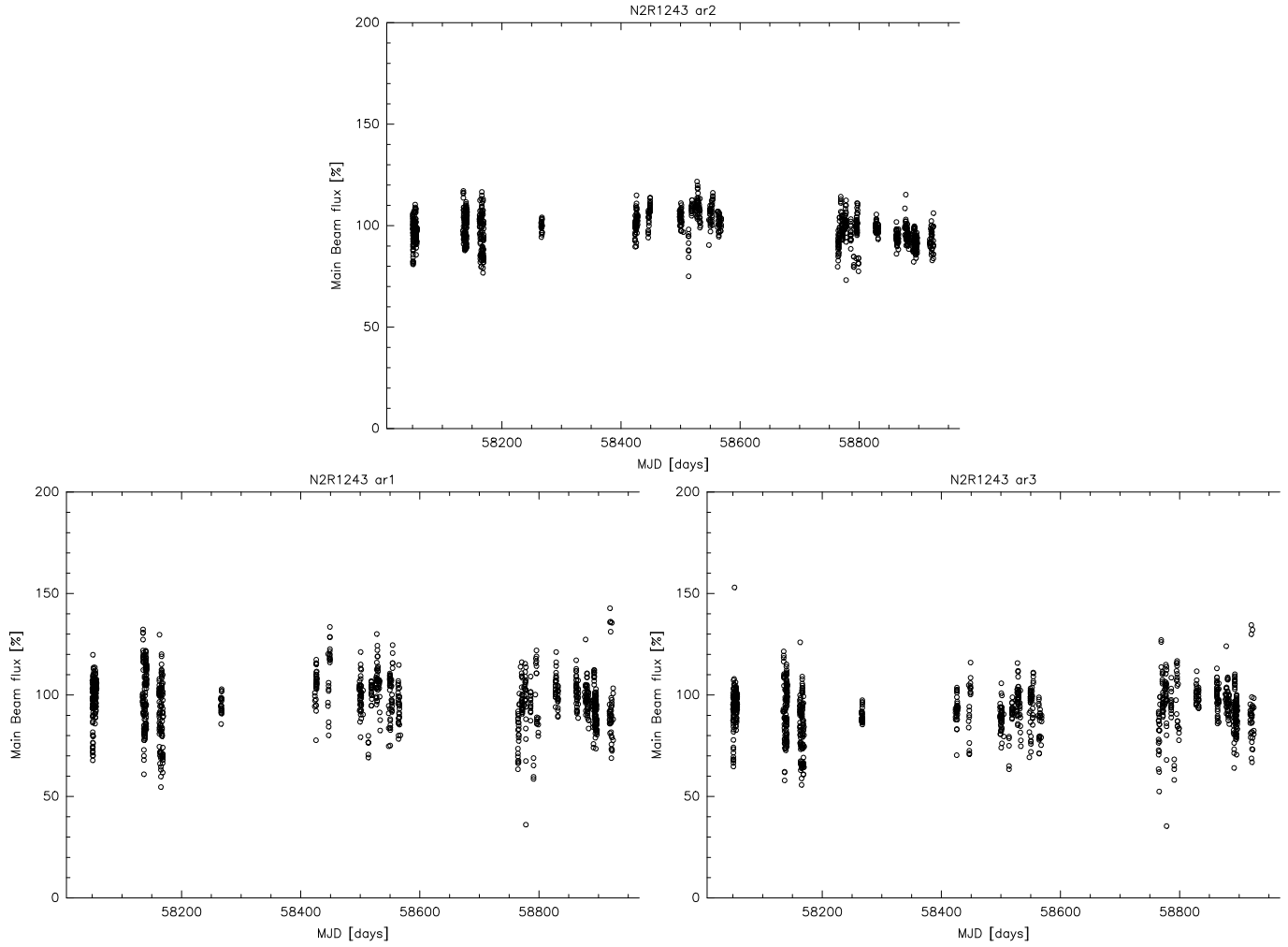


Figure 1: Distribution of the flux percentage retrieved for calibrators fitting the main beam with a Gaussian profile (black circles), for all NIKA2 science pools so far (runs 12 to 43). The three panels belong to the three NIKA2 arrays.

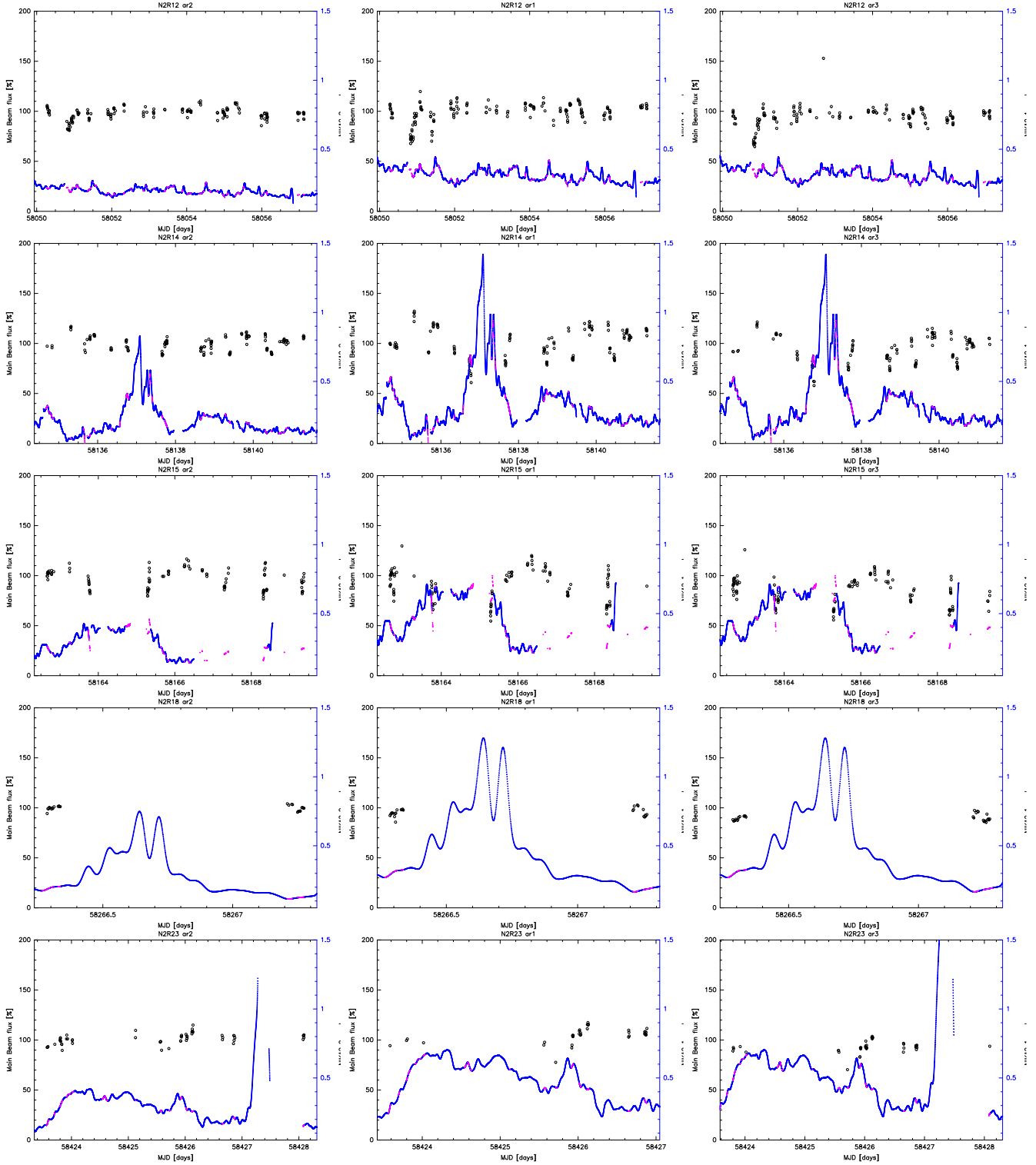


Figure 2: Same as Fig. 1, but for individual science pools: runs 12, 14, 15, 18, 23. Left, central, right panels belong to Ar2, 1, 3, respectively. The atmospheric opacity given by the tau-meter and rescaled to NIKA2 bands is shown (blue dots); in pink the opacity during a given scan is highlighted; if the tau-meter curve does not cover a scan, the value in the FITS header is used.

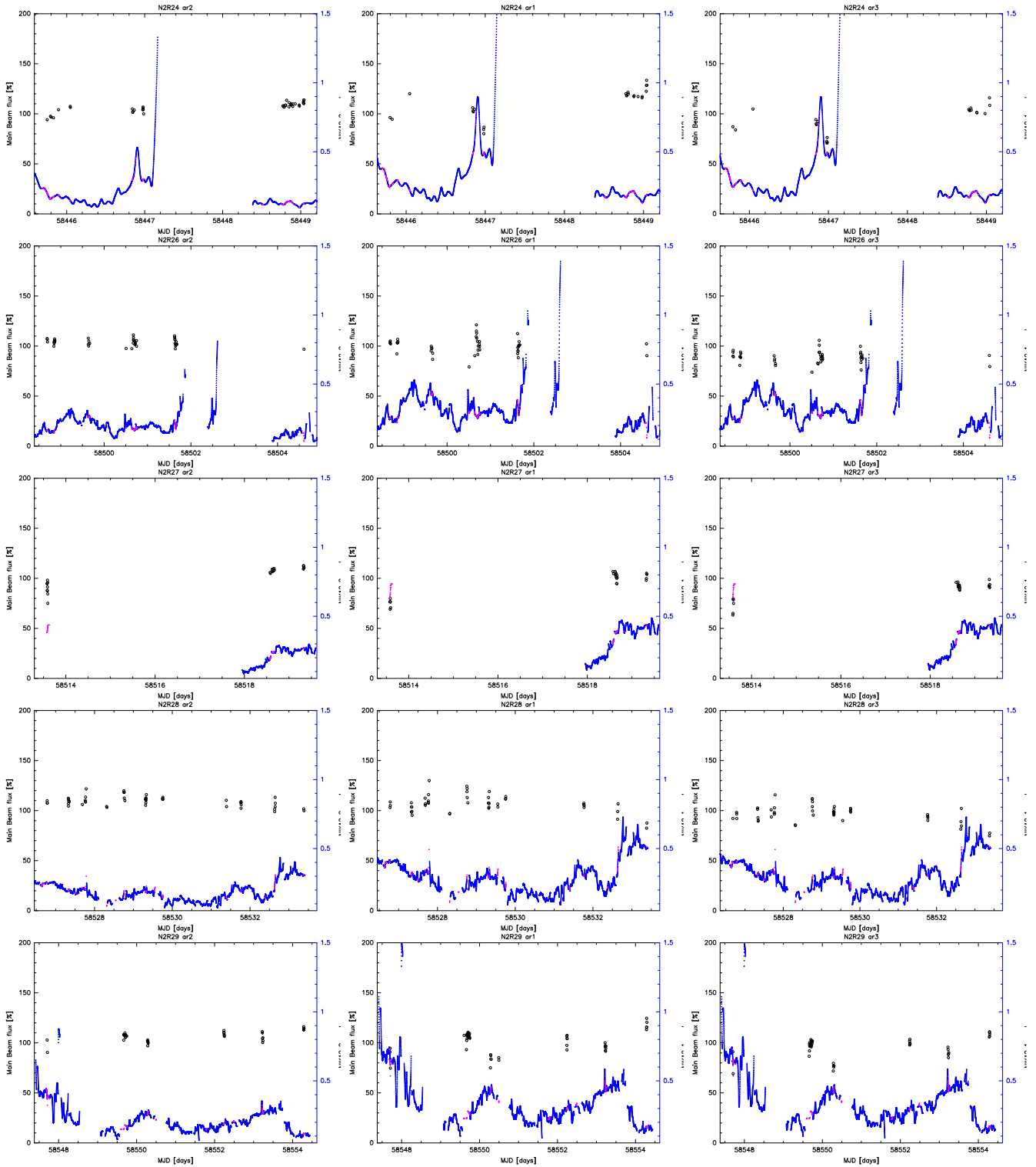


Figure 3: Same as Fig. 1, but for individual science pools: runs 24, 26, 27, 28, 29. Left, central, right panels belong to Ar2, 1, 3, respectively.

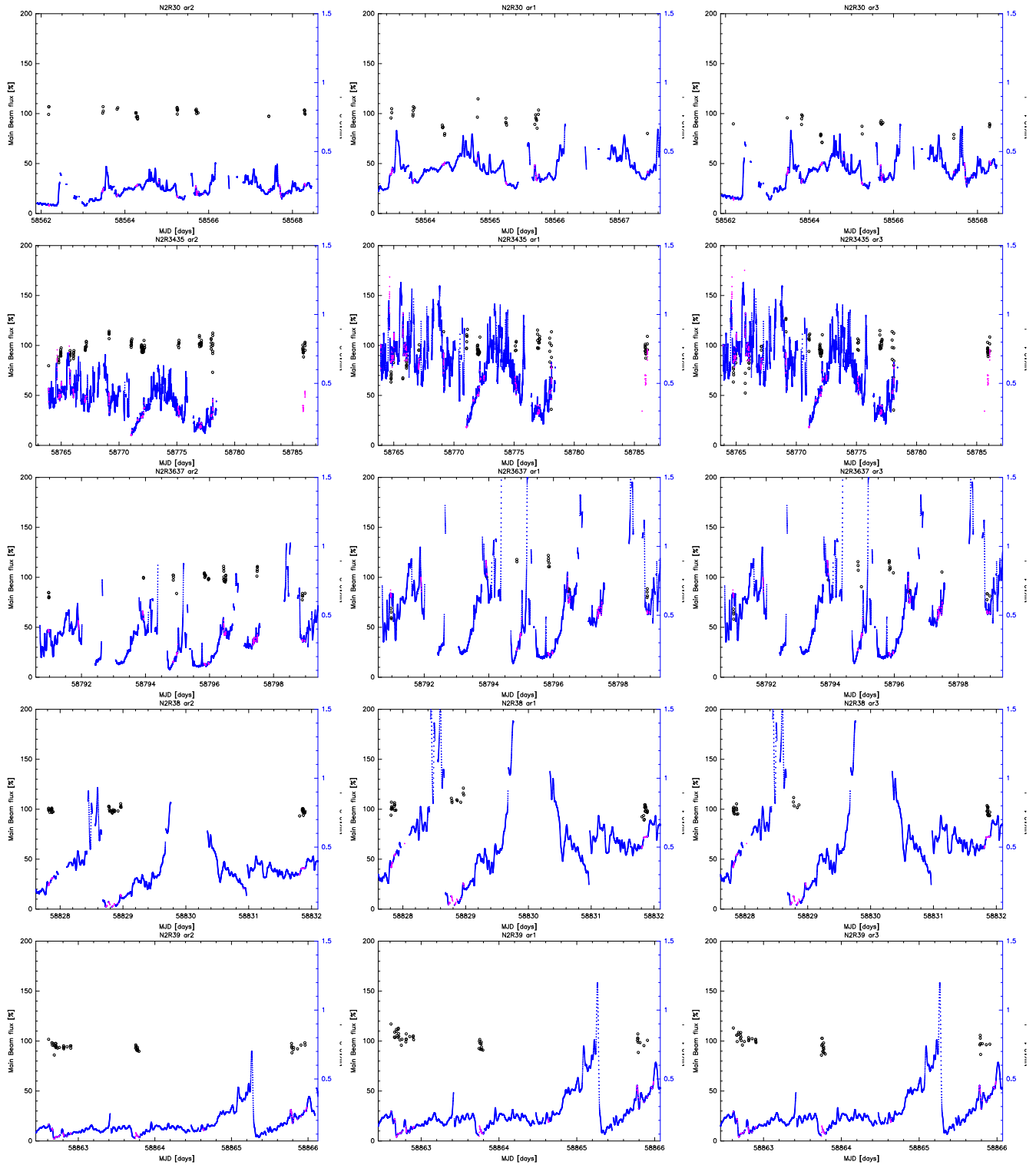


Figure 4: Same as Fig. 1, but for individual science pools: runs 30, 34+35, 36+37, 38, 39. Left, central, right panels belong to Ar2, 1, 3, respectively.

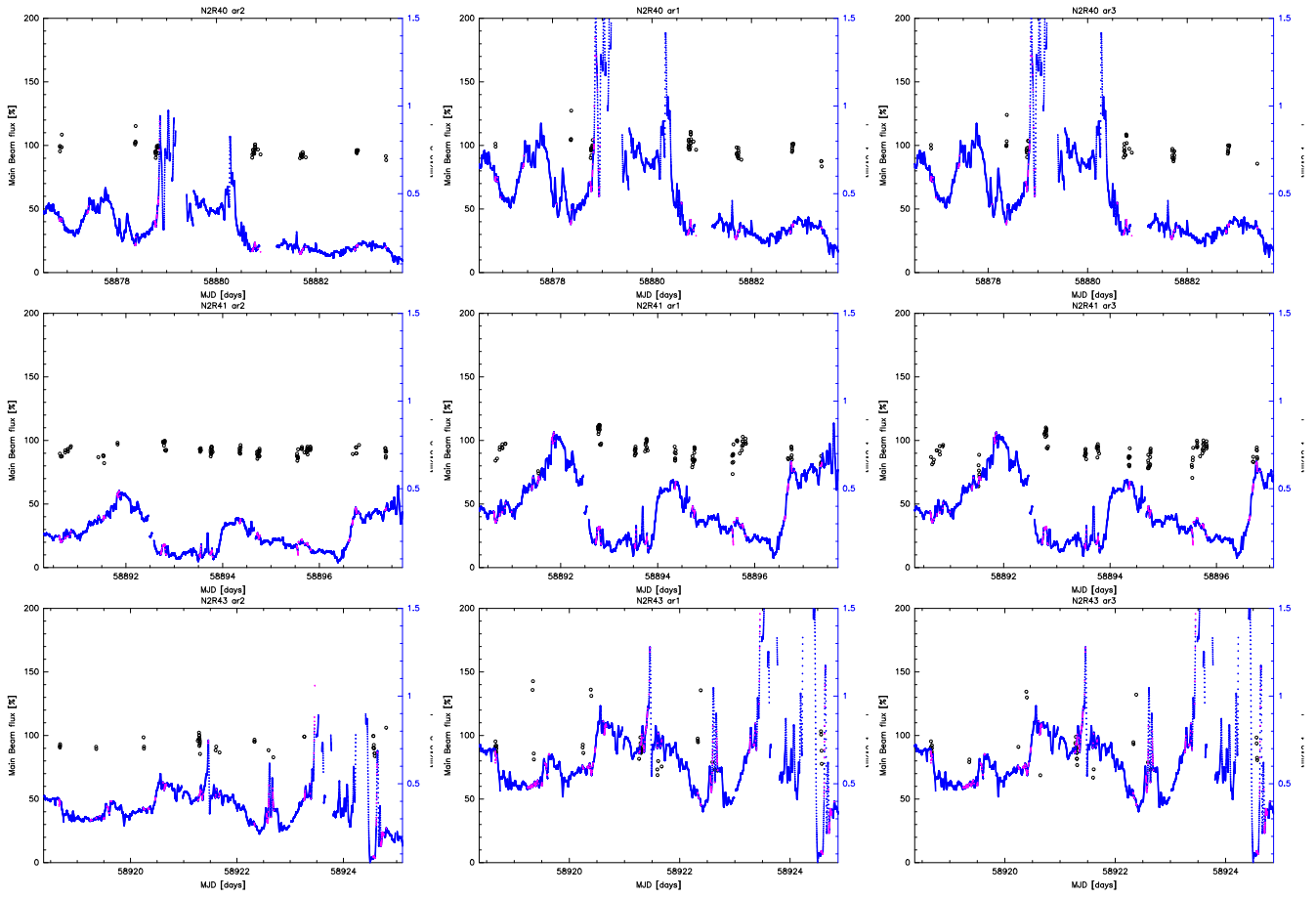


Figure 5: Same as Fig. 1, but for individual science pools: runs 40, 41, 43. Left, central, right panels belong to Ar2, 1, 3, respectively.

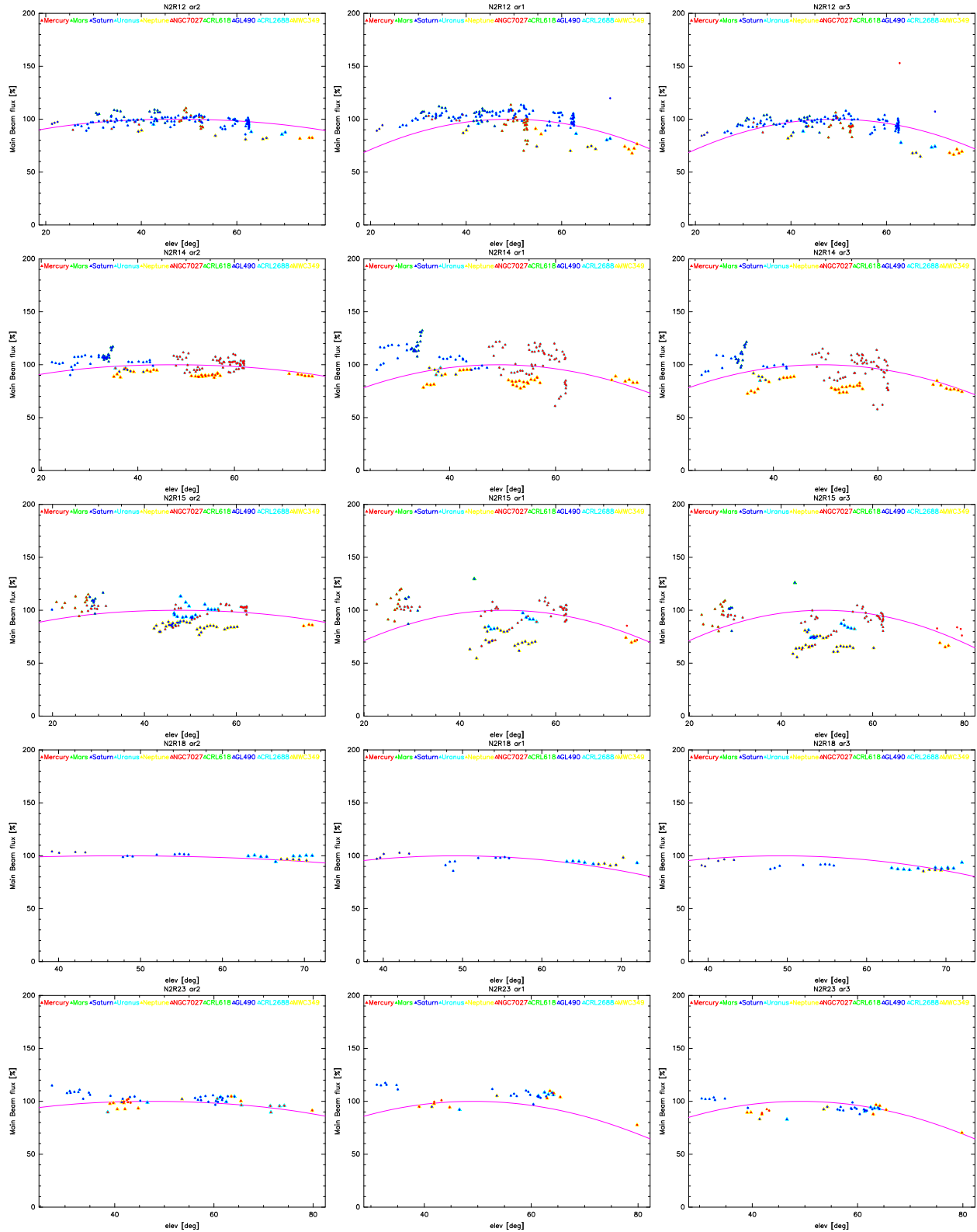


Figure 6: Main beam flux percentage (of intrinsic flux) as a function of elevation. NIKA2 runs 12, 14, 15, 18, 23. Different calibrators are depicted with different symbols/colors. Red and blue circles mark scan taken during day- and night-time, respectively. The magenta curve is the gain-elevation dependence (see J. Peñalver 2012 report).

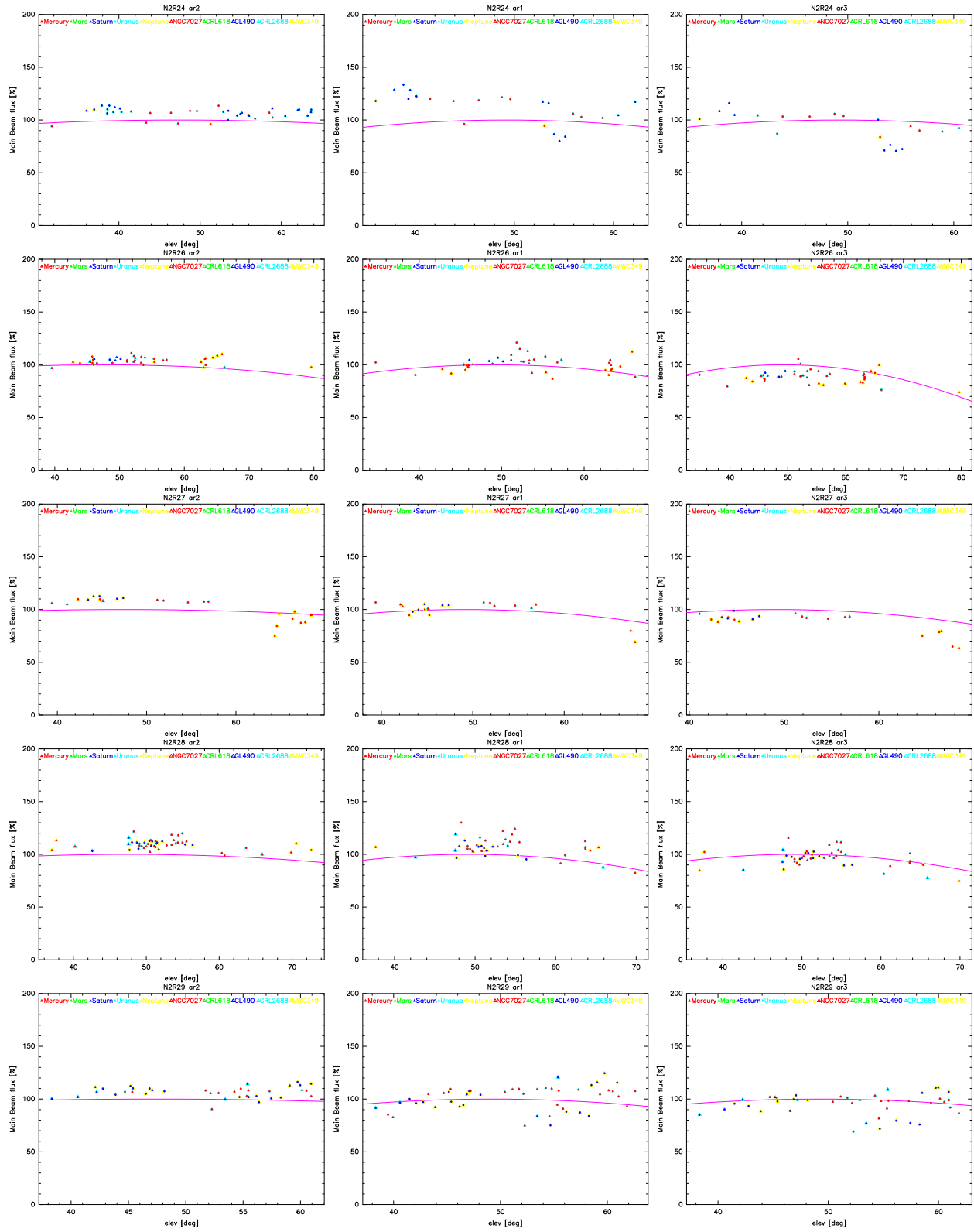


Figure 7: Same as Fig. 6 but for NIKA2 runs 24, 26, 27, 28, 29.

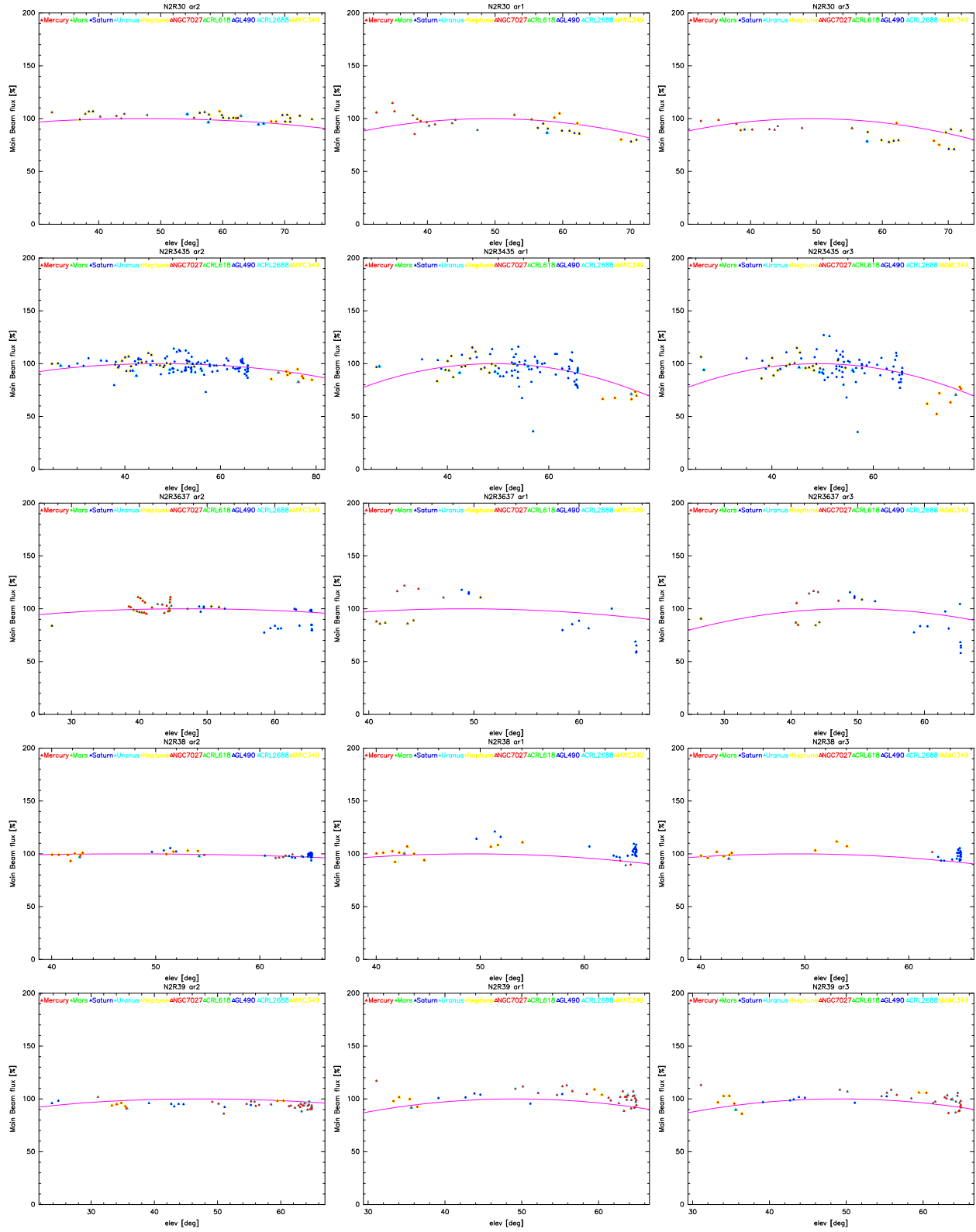


Figure 8: Same as Fig. 6 but for NIKA2 runs 30, 34+35, 36+37, 38, 39.

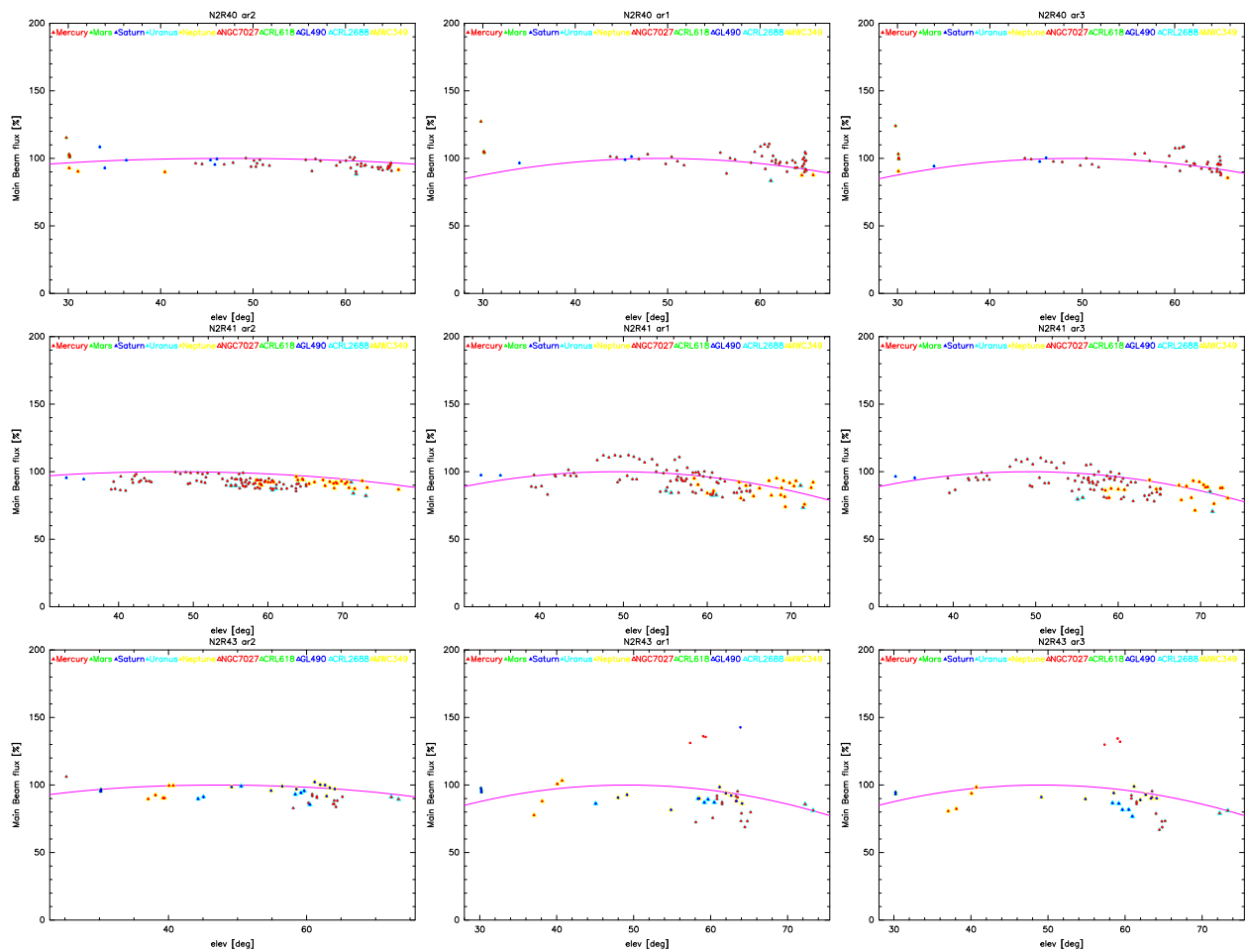


Figure 9: Same as Fig. 6 but for NIKA2 runs 40, 41, 43.

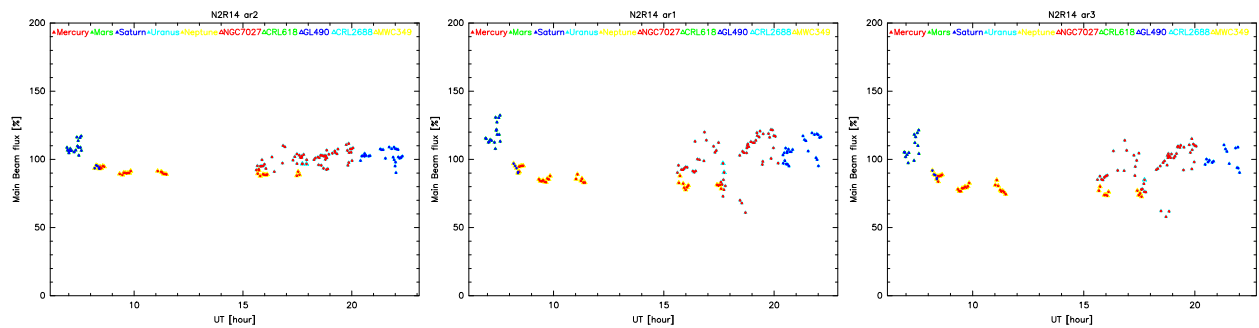


Figure 10: Main beam flux percentage (of intrinsic flux) as a function of UT, for NIKA2 run 14. Different calibrators are depicted with different symbols/colors. Red and blue circles mark scan taken during day- and night-time, respectively. A clear change between day and night is visible.