

Appendix B: GMC catalog images

The following set of 337 figures present for each cloud:

(*Top left*) List of cloud properties

- GMC number.
- Peak signal-to-noise ratio.
- Position of the GMC in pixels, in relative position with respect to the center of M 33, in absolute coordinates.
- CO(2–1) systemic LSR velocity.
- CO(2–1) velocity dispersion.
- GMC effective radius R_e .
- CO(2–1) luminosity.
- Molecular gas mass computed from the CO(2–1) luminosity with a $N(\text{H}_2)/I_{\text{CO}(1-0)} = 4 \times 10^{20} \text{ cm}^{-2}/(\text{K km s}^{-1})$ and a constant CO(2–1)/CO(1–0) factor of 0.73.
- Atomic gas mass from the H I data.
- Galactocentric distance.
- Histogram showing the distribution of cloud types identified by the “testers”.

(*Top center*) Spectra of CO(2–1) (*red thick line, left ordinate axis*) and H I (*thin black line, right ordinate axis*) averaged over the GMC in T_{mb} units. The velocities corresponding to the peak CO(2–1) and H I emission are also given.

(*Top right*) Contours of the GMCs in the catalog, the GMC corresponding to the figure is in red. Constant galactocentric radii increasing by 1 kpc are represented by dotted ellipses. The units of the axes are in arcseconds relative to the center of M 33.

(*Bottom*) In these four panels, the CO(2–1) integrated intensity contours for the GMC (*solid white line, first contour at 80 mK km s^{-1} and following stepped by 330 mK km s^{-1}*) are plotted on color maps of H α , *Spitzer* 8 μm , GALEX FUV, and *Spitzer* 24 μm . The outer contours of other GMCs in the field (corresponding to the maximum extent of the projection on the plane of the sky of the region identified by CPROPS) are plotted with a dashed white line. The catalog number of GMCs in the same field of view are given to ease cross-references. The CO(2–1) 12'' beam is plotted in the lower left of each subplot.

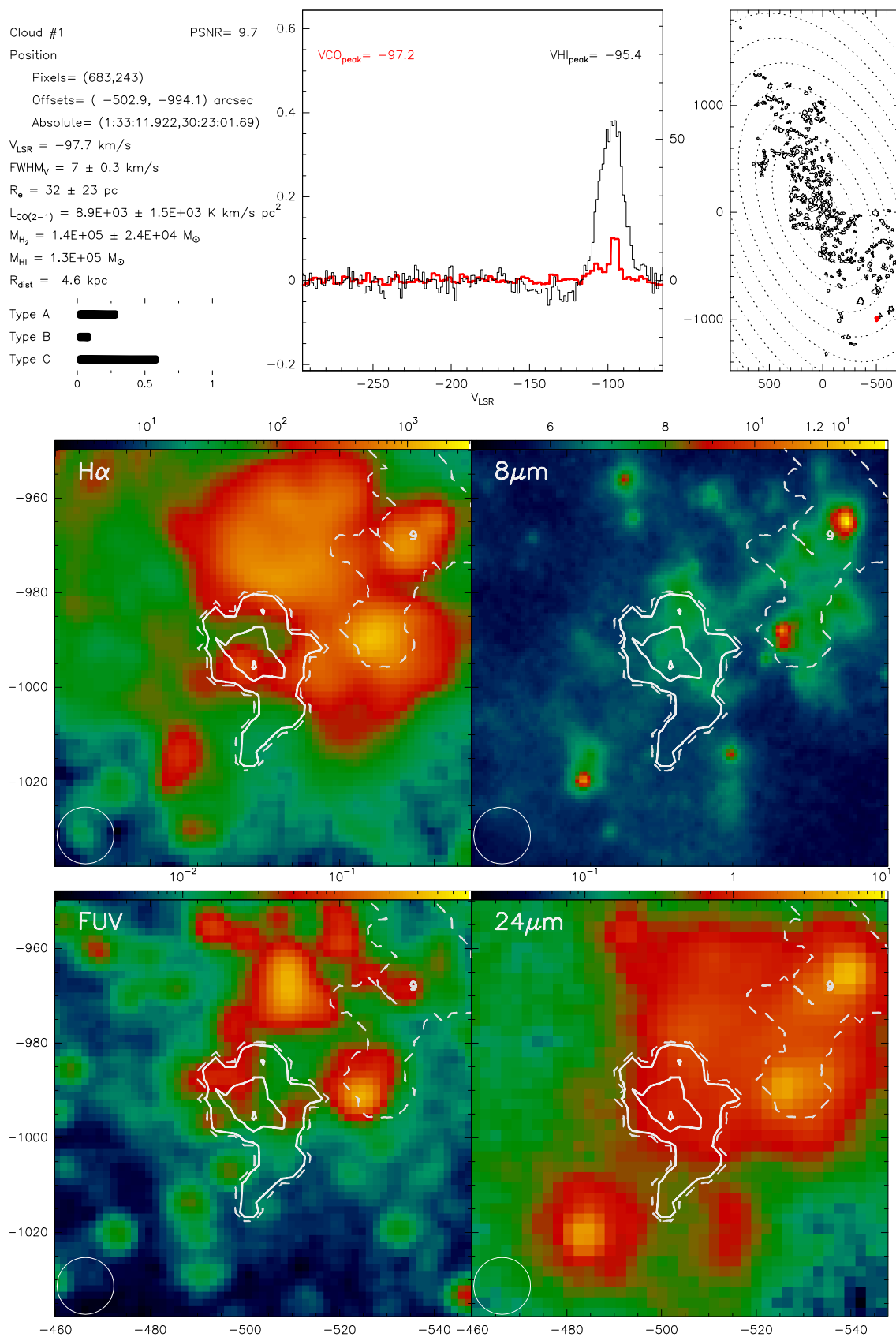


Fig. B.1. Catalogue entry for cloud 1. See description at the beginning of this appendix.

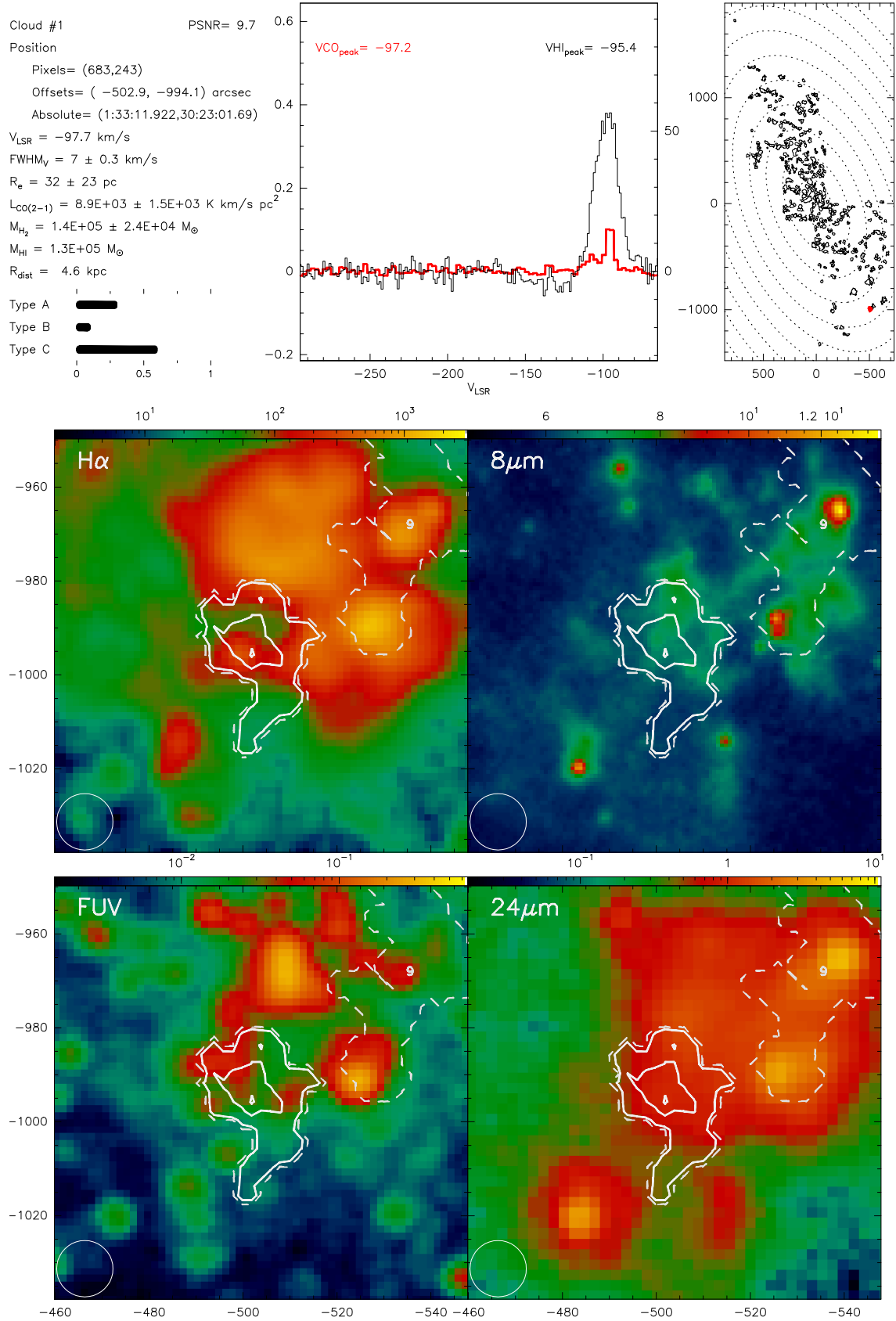


Fig. B.2. Catalogue entry for cloud 2. See description at the beginning of this appendix.

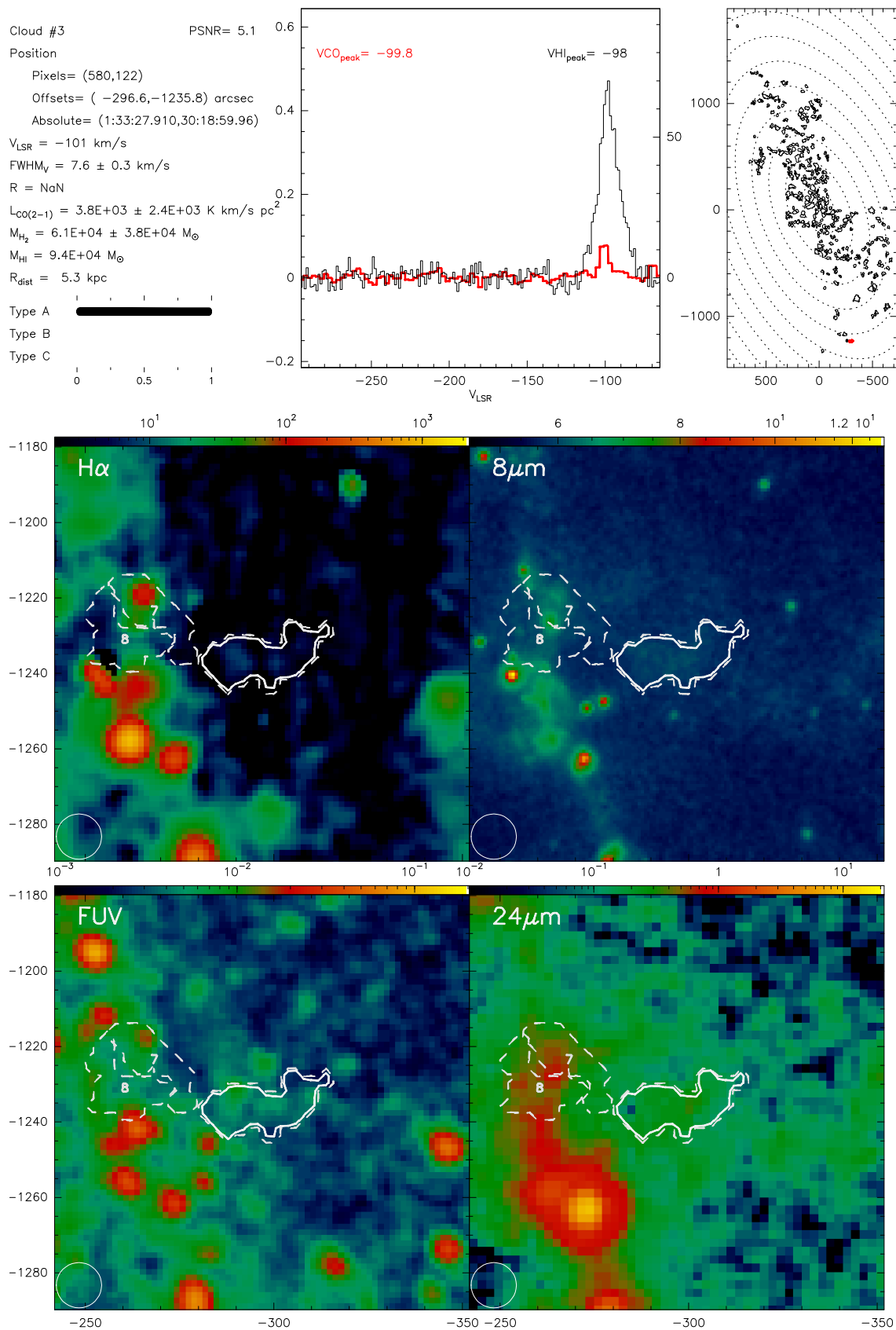


Fig. B.3. Catalogue entry for cloud 3. See description at the beginning of this appendix.

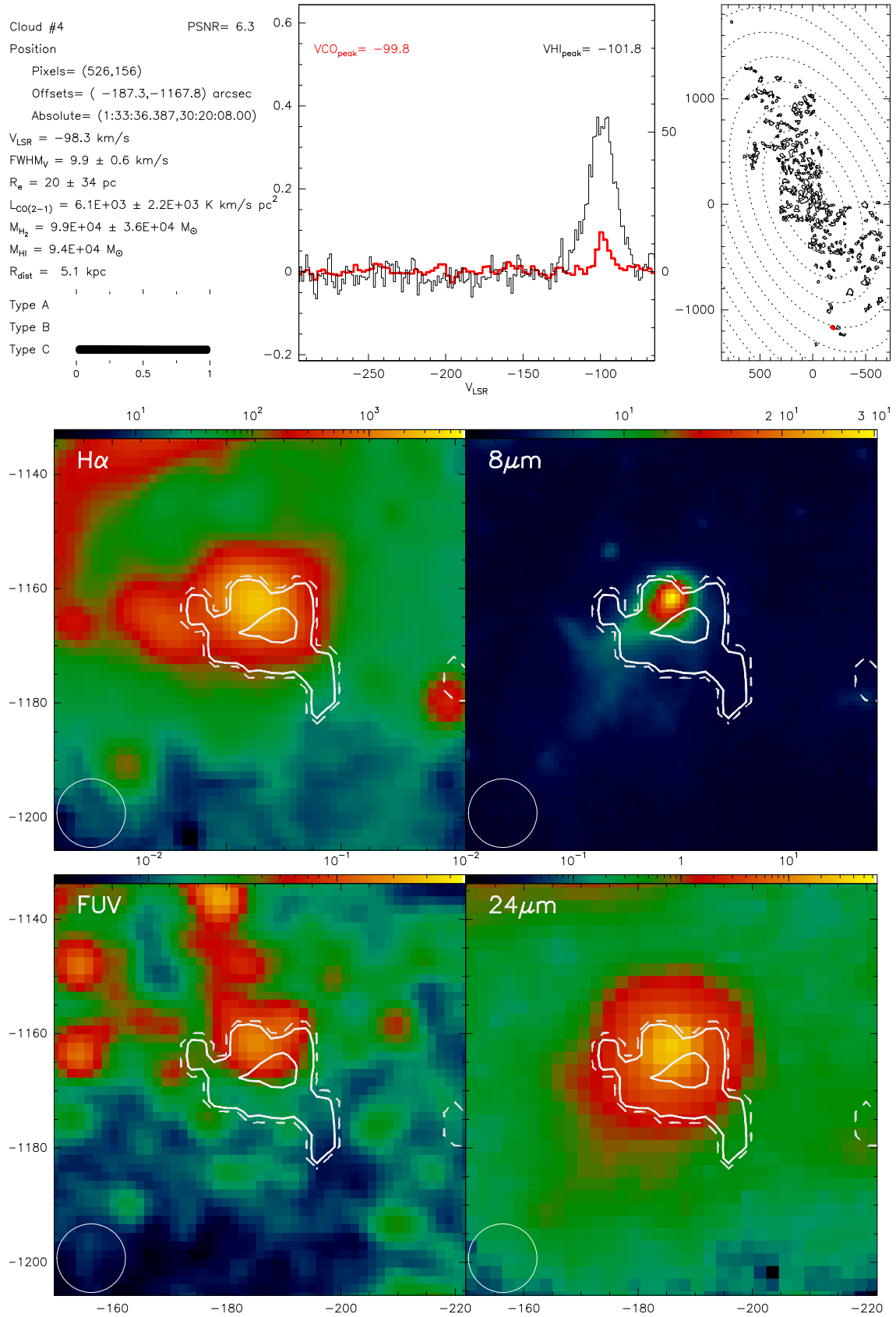


Fig. B.4. Catalogue entry for cloud 4. See description at the beginning of this appendix.

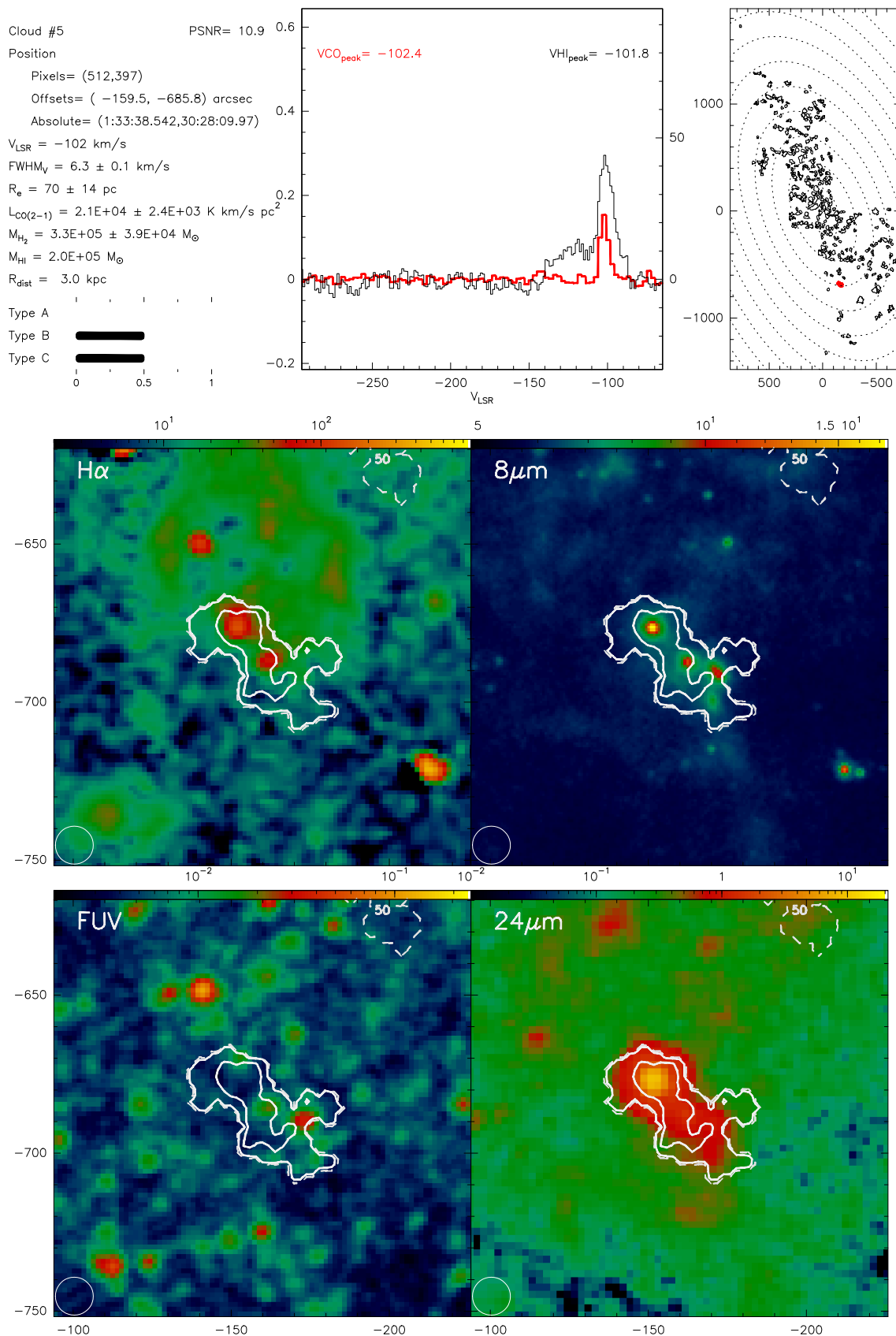


Fig. B.5. Catalogue entry for cloud 5. See description at the beginning of this appendix.

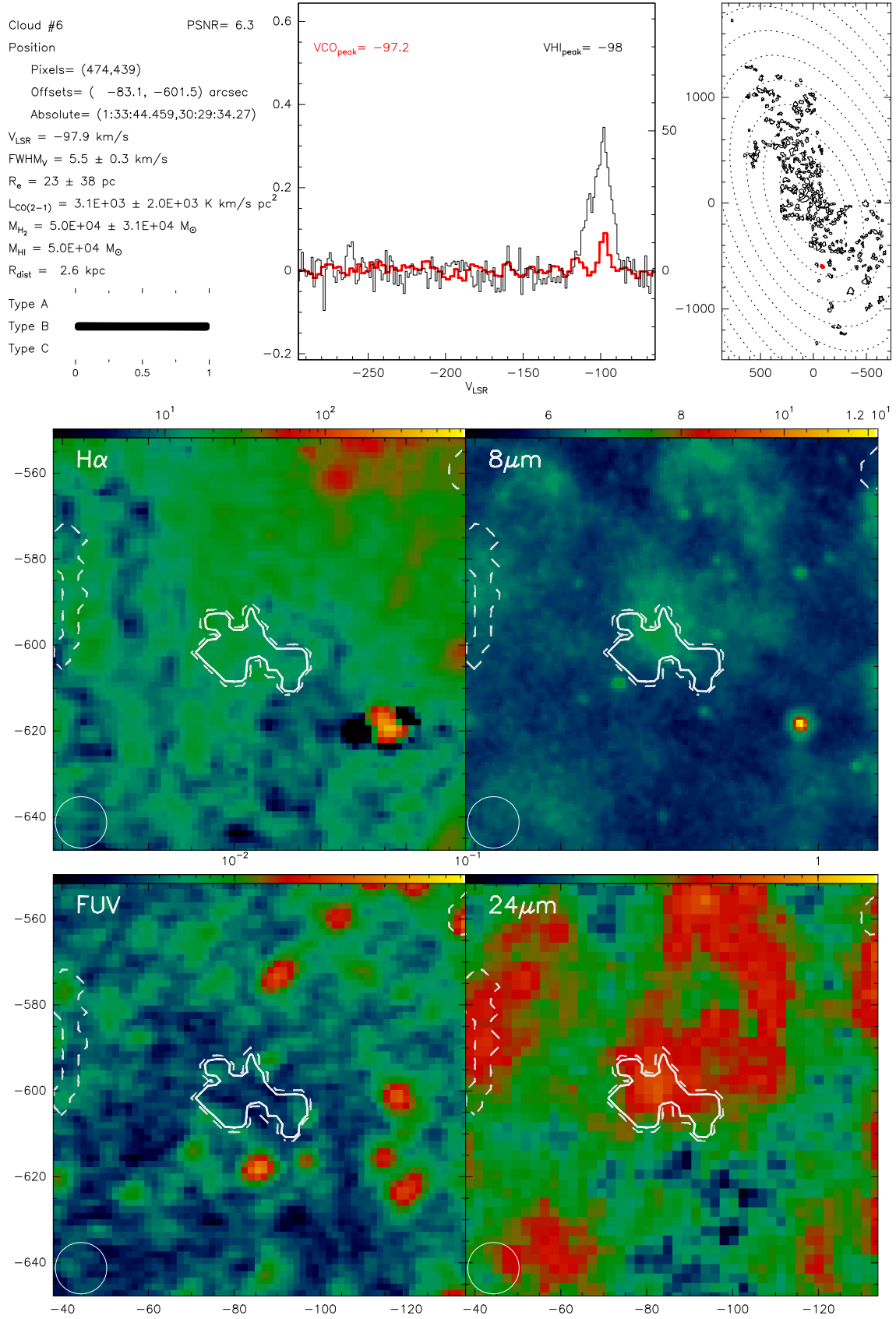


Fig. B.6. Catalogue entry for cloud 6. See description at the beginning of this appendix.

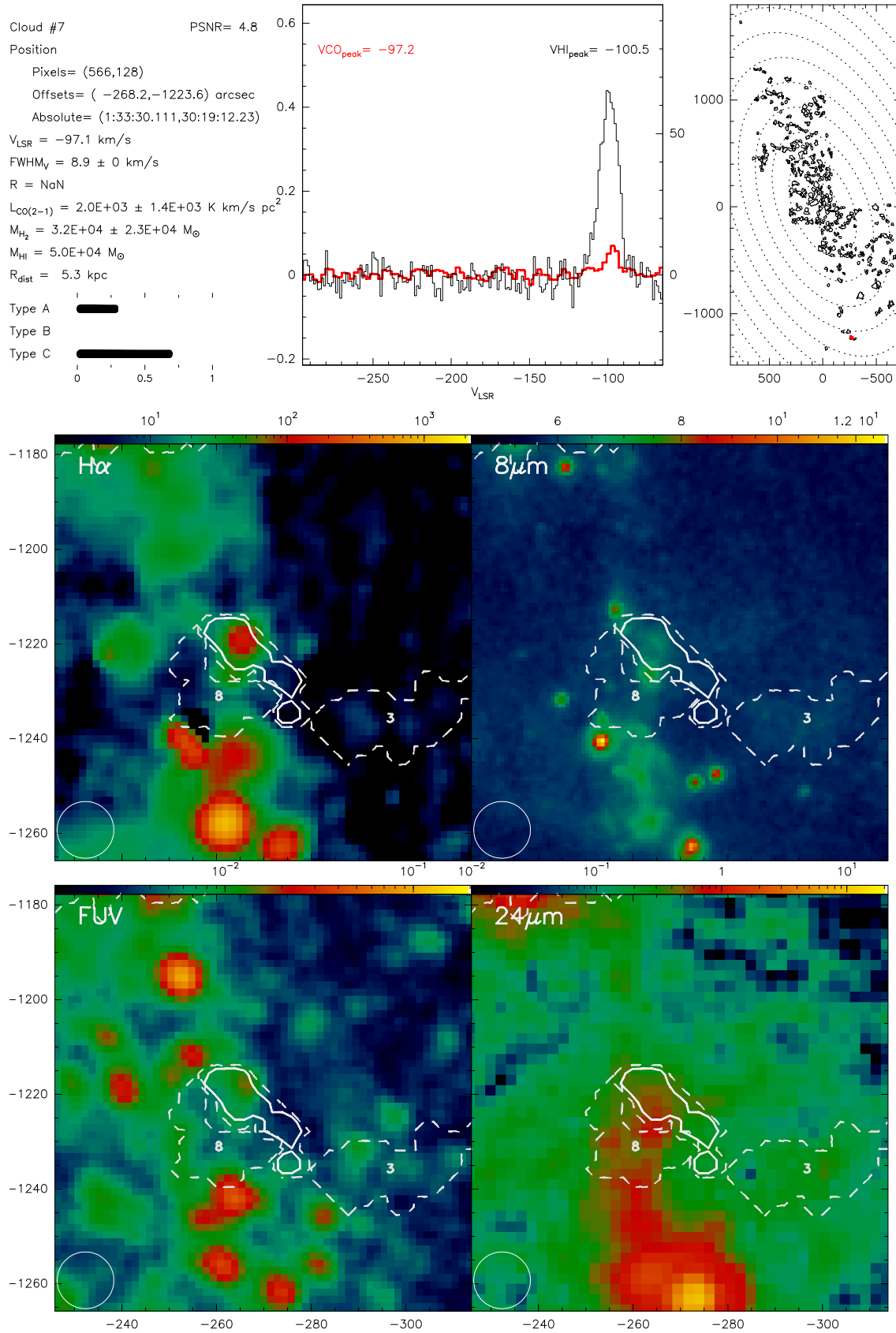


Fig. B.7. Catalogue entry for cloud 7. See description at the beginning of this appendix.

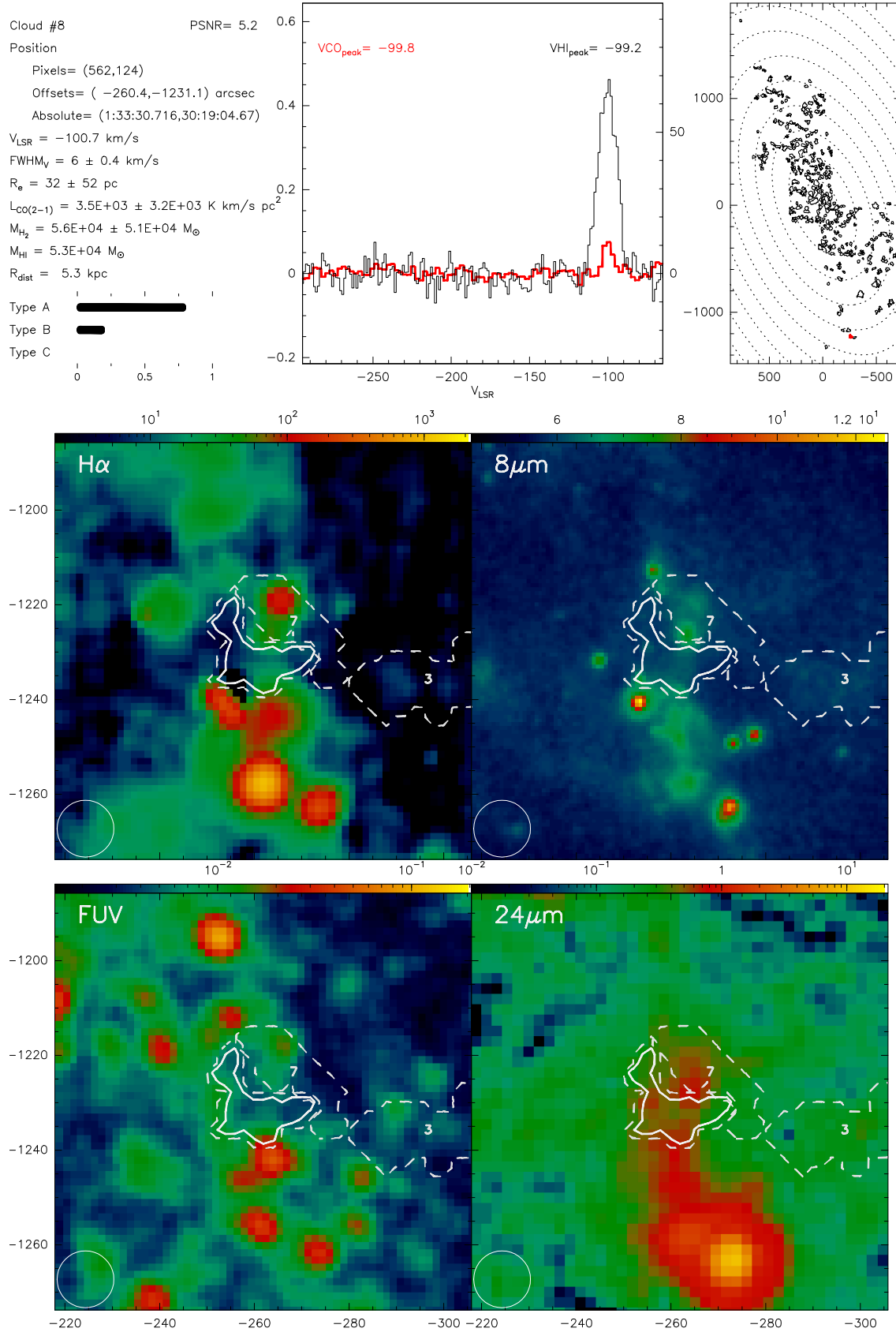


Fig. B.8. Catalogue entry for cloud 8. See description at the beginning of this appendix.

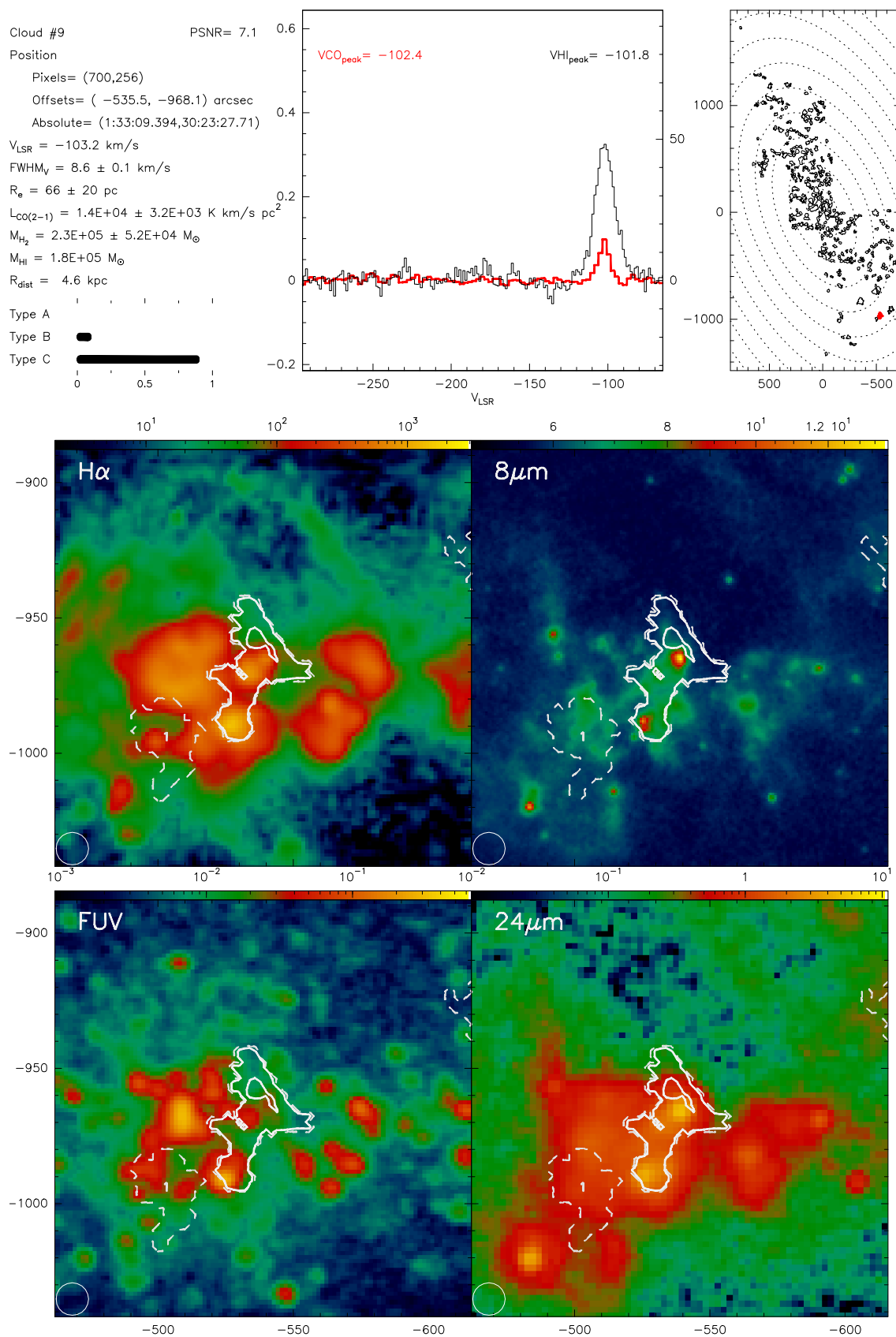


Fig. B.9. Catalogue entry for cloud 9. See description at the beginning of this appendix.

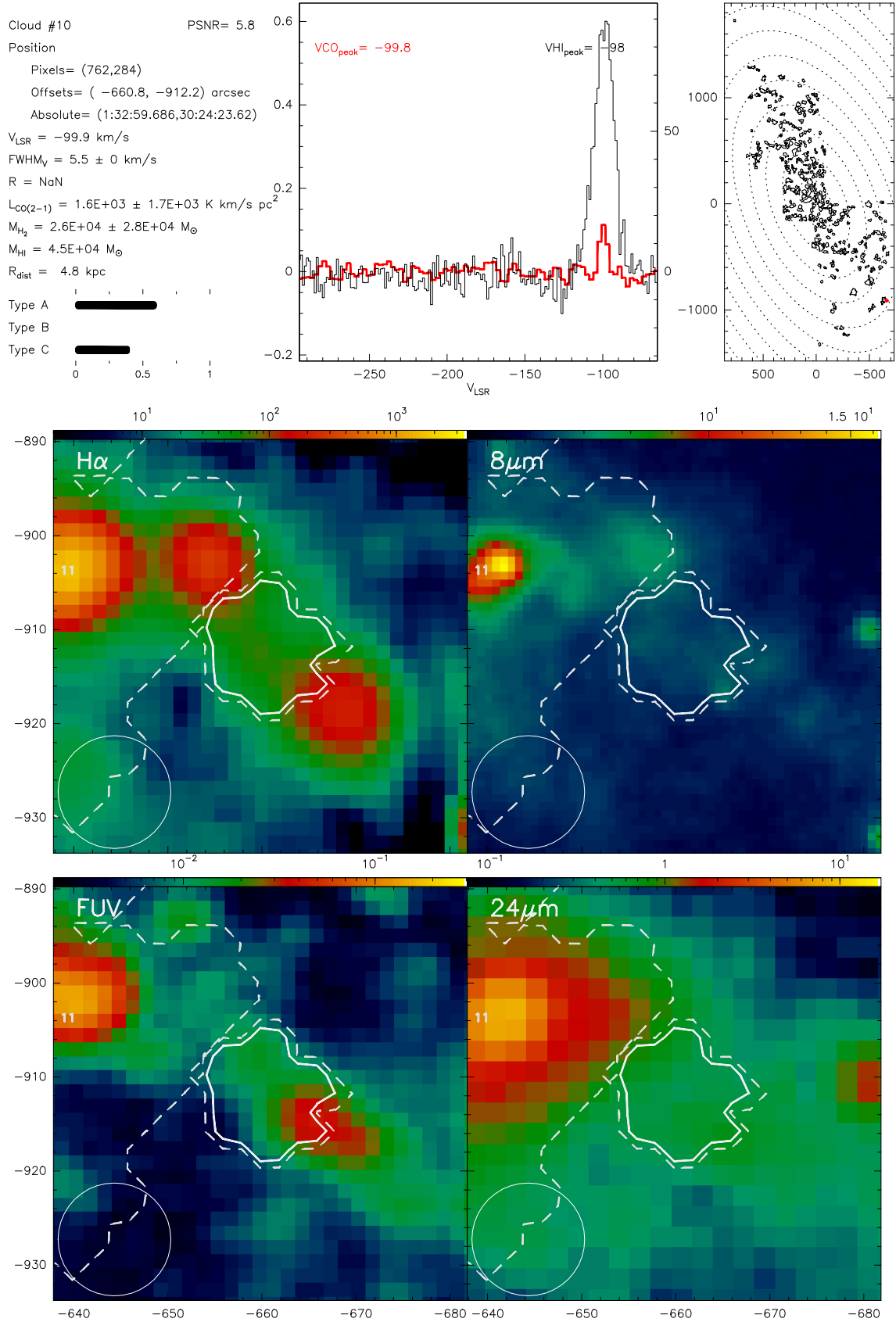


Fig. B.10. Catalogue entry for cloud 10. See description at the beginning of this appendix.

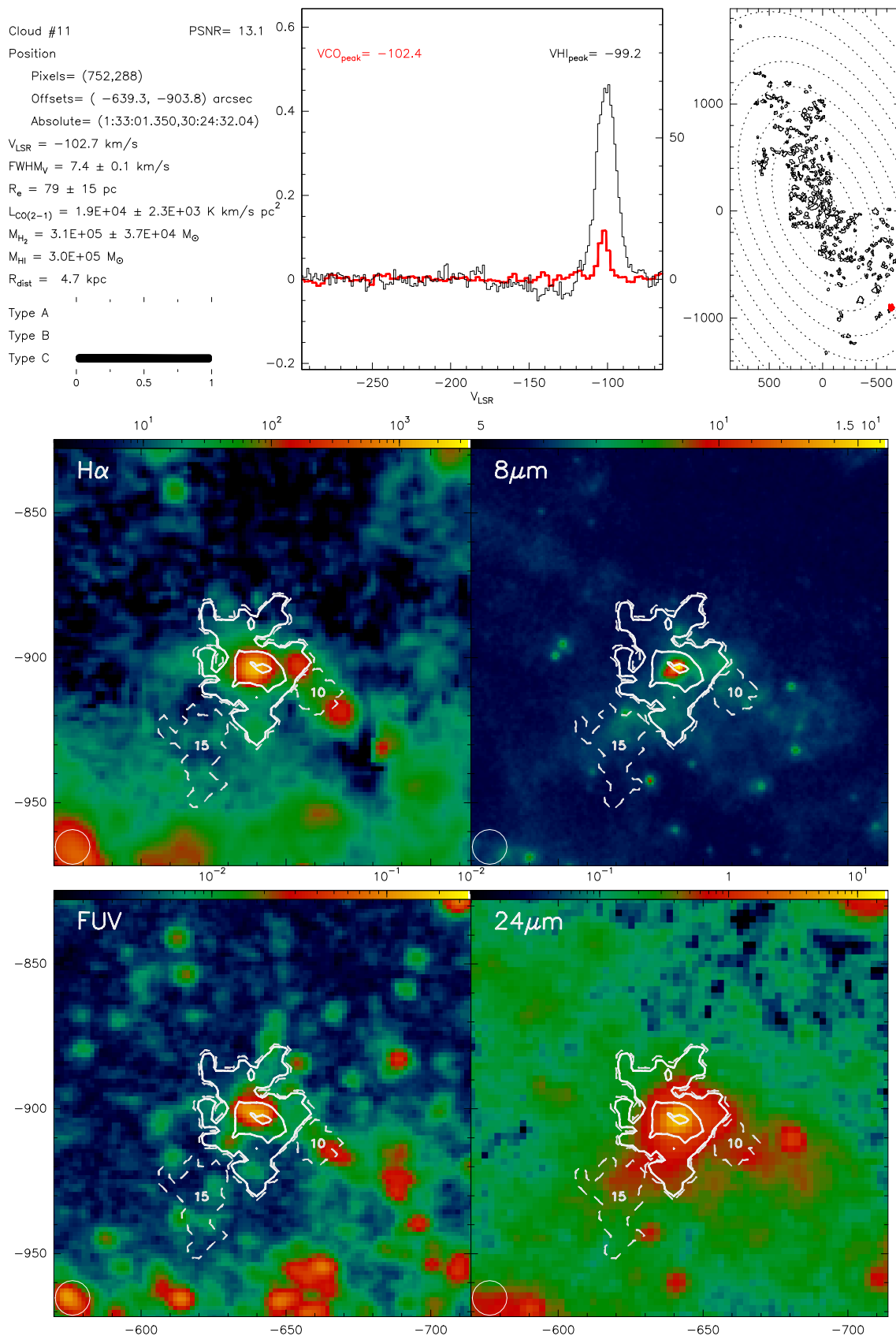


Fig. B.11. Catalogue entry for cloud 11. See description at the beginning of this appendix.

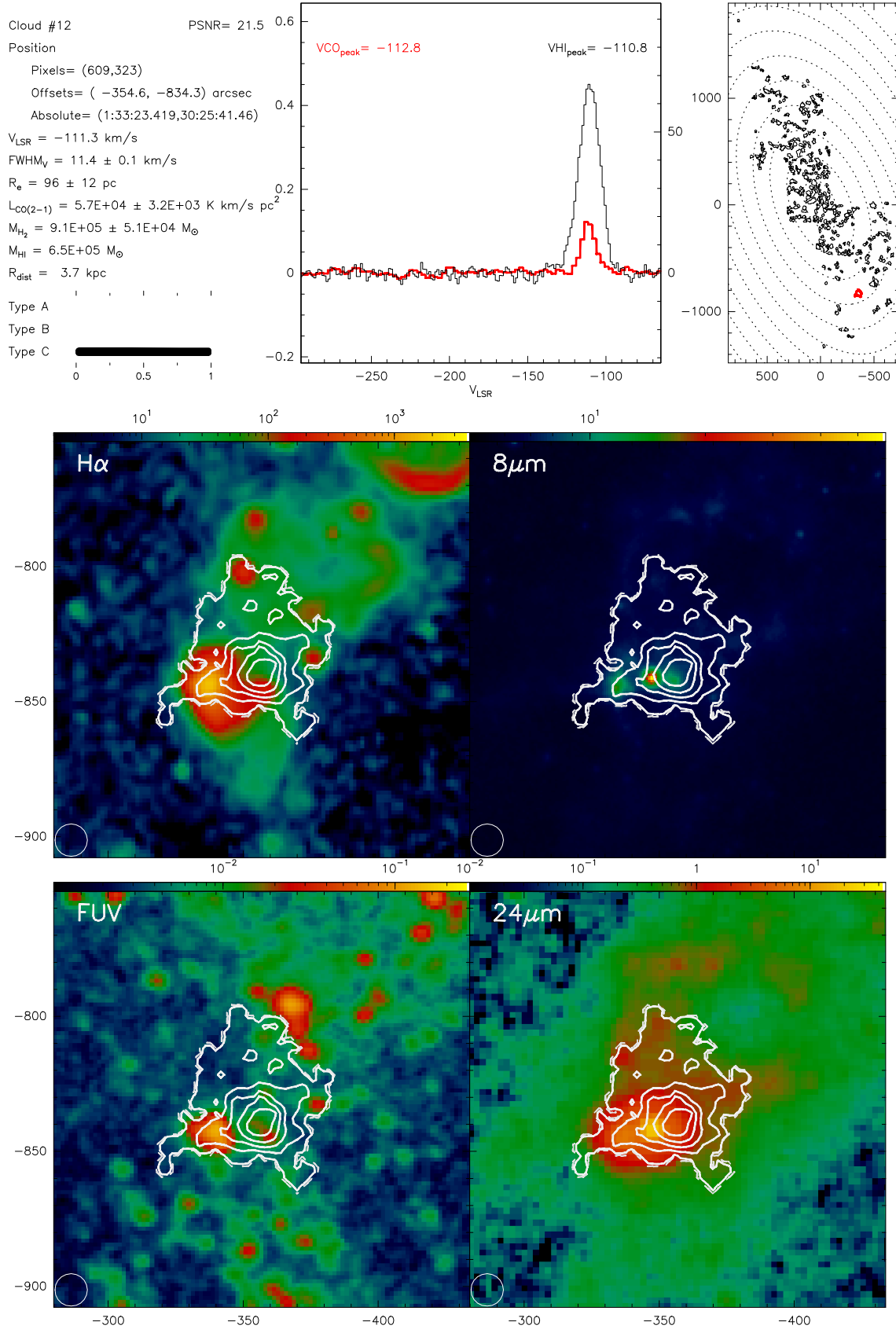


Fig. B.12. Catalogue entry for cloud 12. See description at the beginning of this appendix.

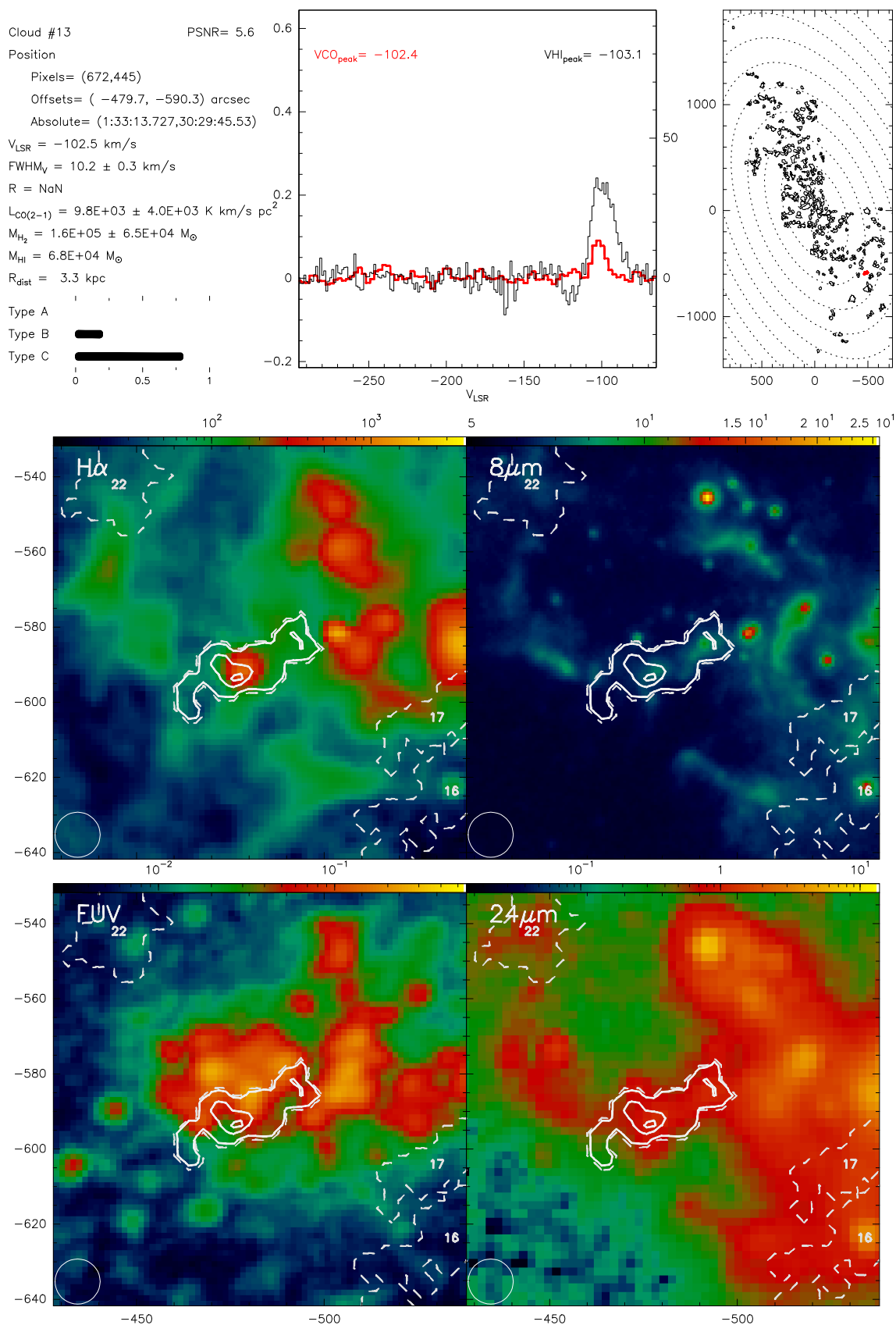


Fig. B.13. Catalogue entry for cloud 13. See description at the beginning of this appendix.

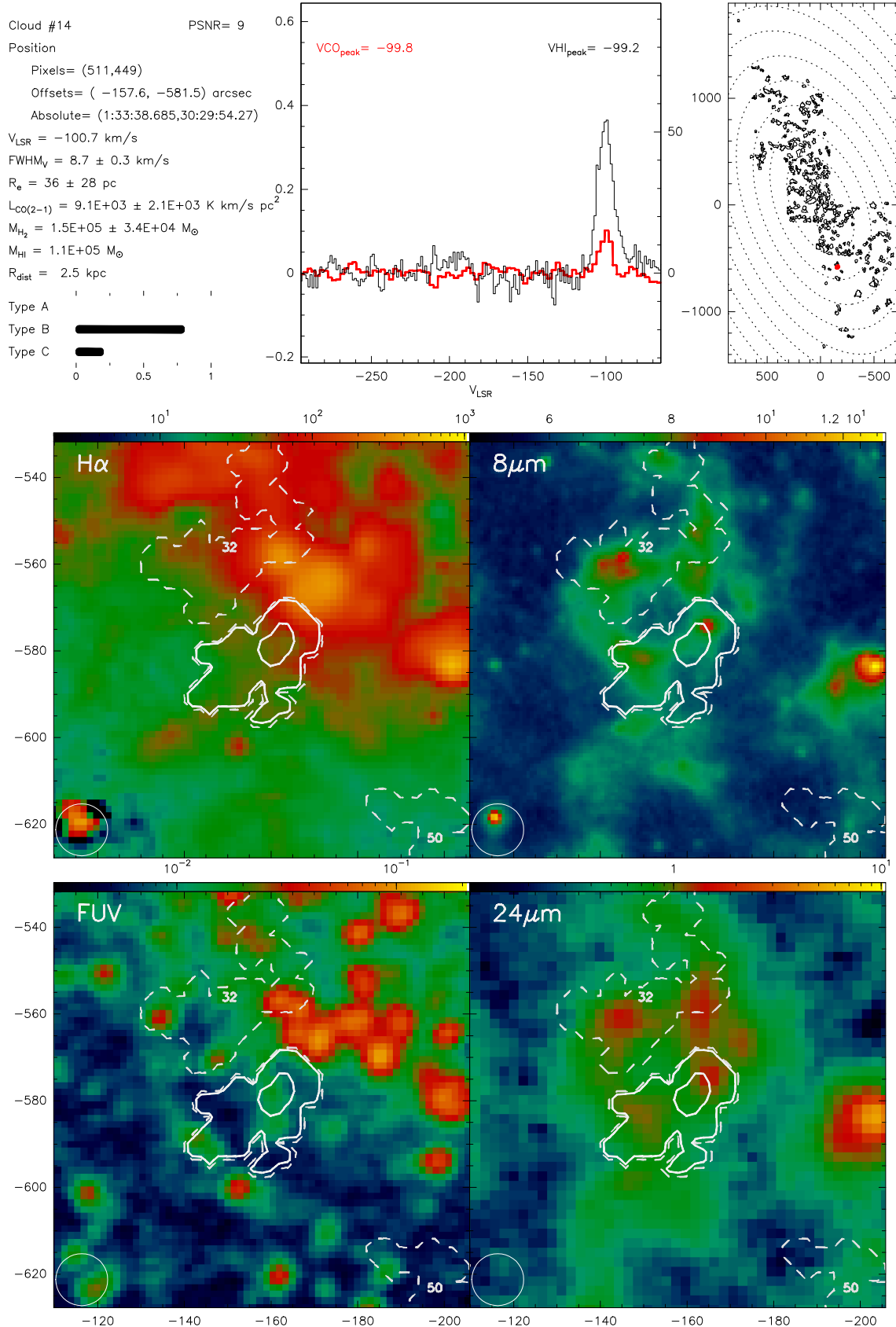


Fig. B.14. Catalogue entry for cloud 14. See description at the beginning of this appendix.

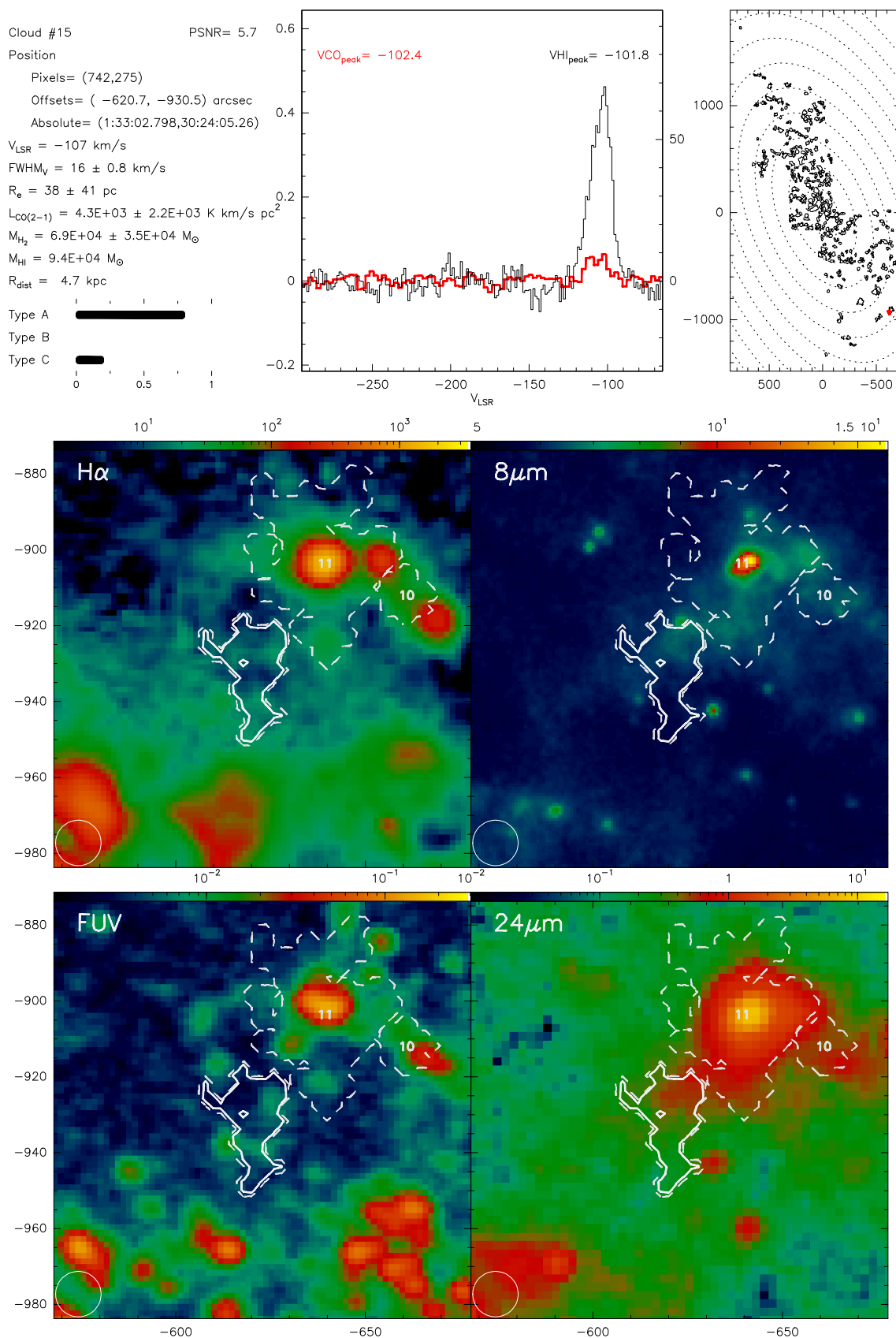


Fig. B.15. Catalogue entry for cloud 15. See description at the beginning of this appendix.

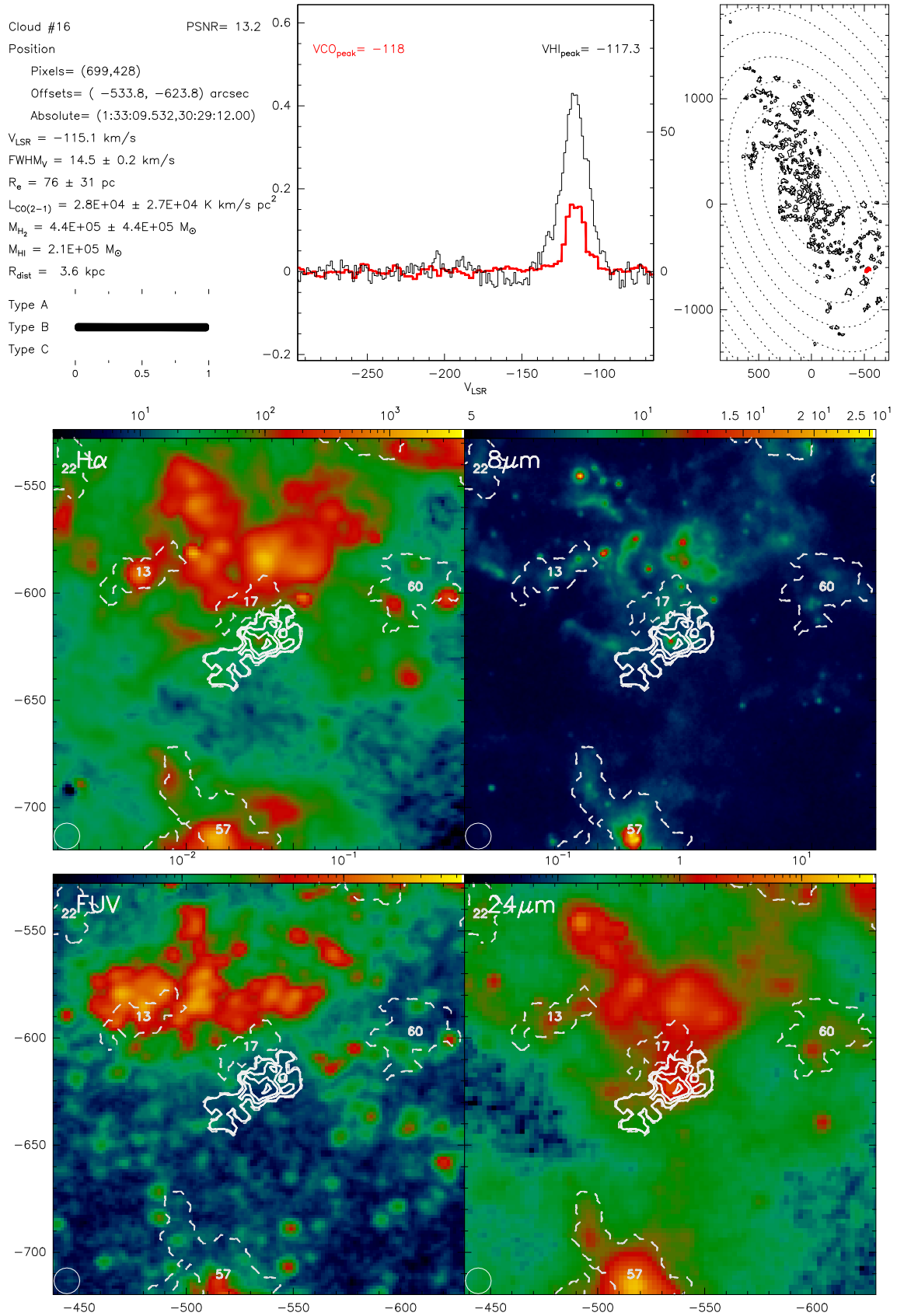


Fig. B.16. Catalogue entry for cloud 16. See description at the beginning of this appendix.

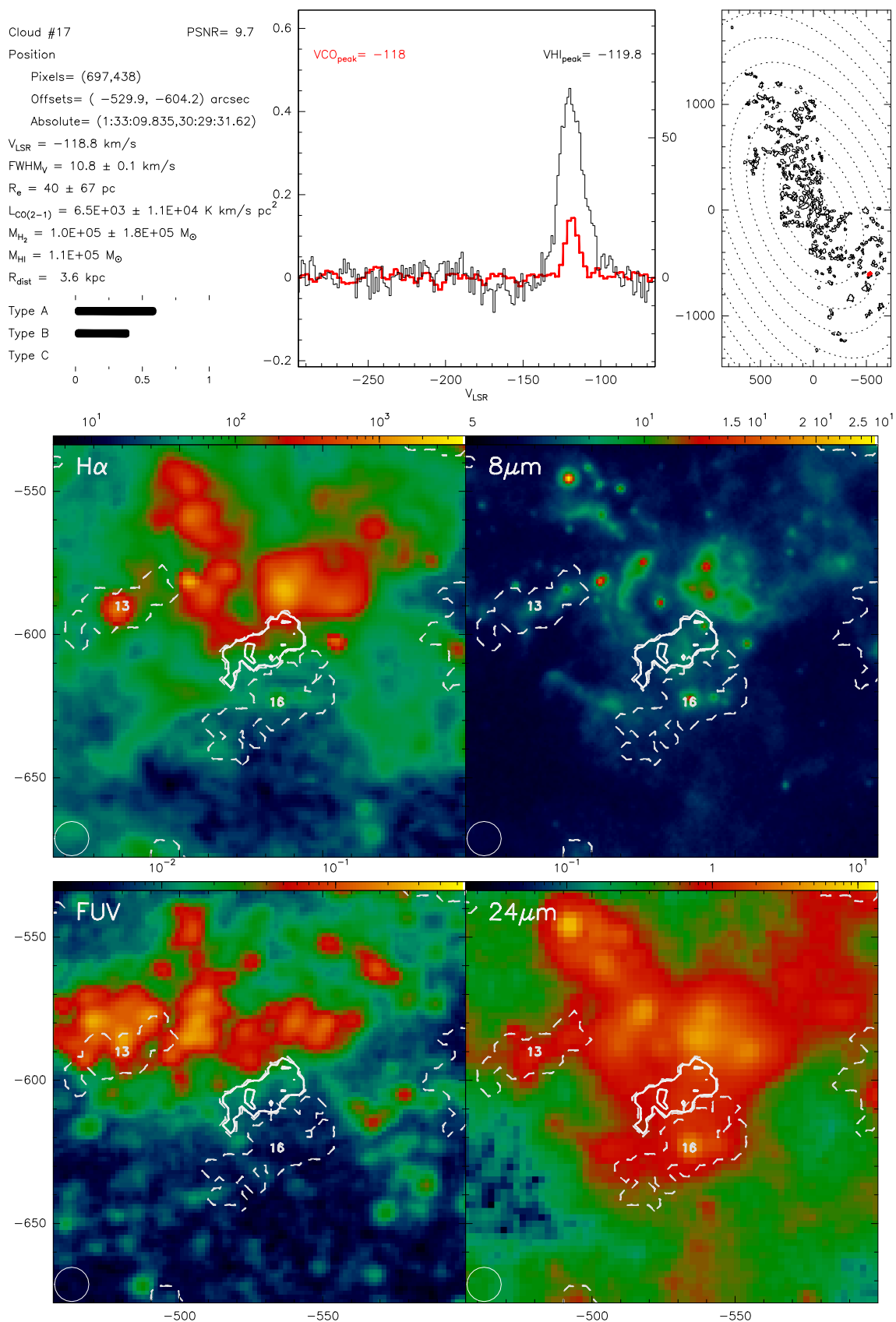


Fig. B.17. Catalogue entry for cloud 17. See description at the beginning of this appendix.

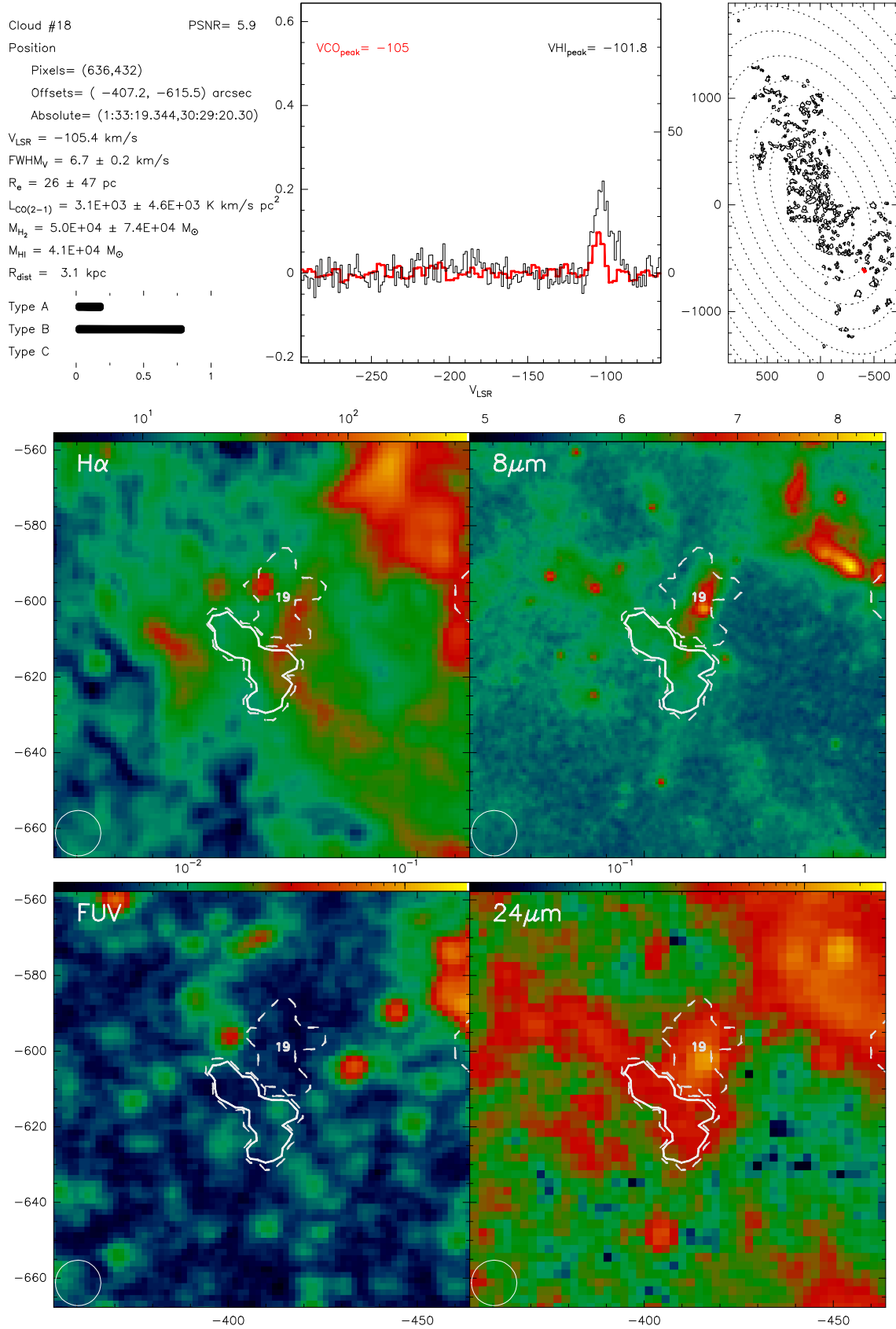


Fig. B.18. Catalogue entry for cloud 18. See description at the beginning of this appendix.

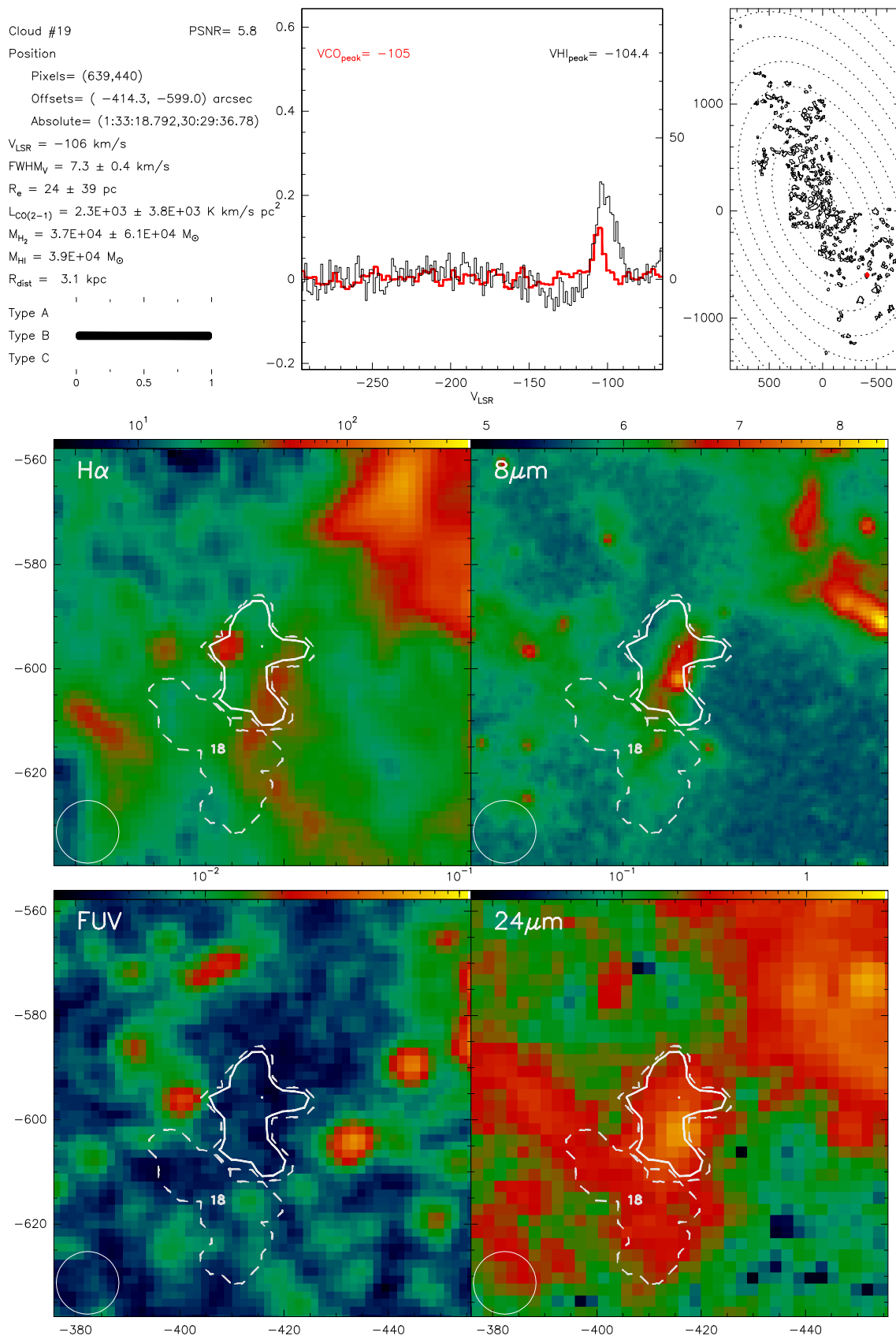


Fig. B.19. Catalogue entry for cloud 19. See description at the beginning of this appendix.

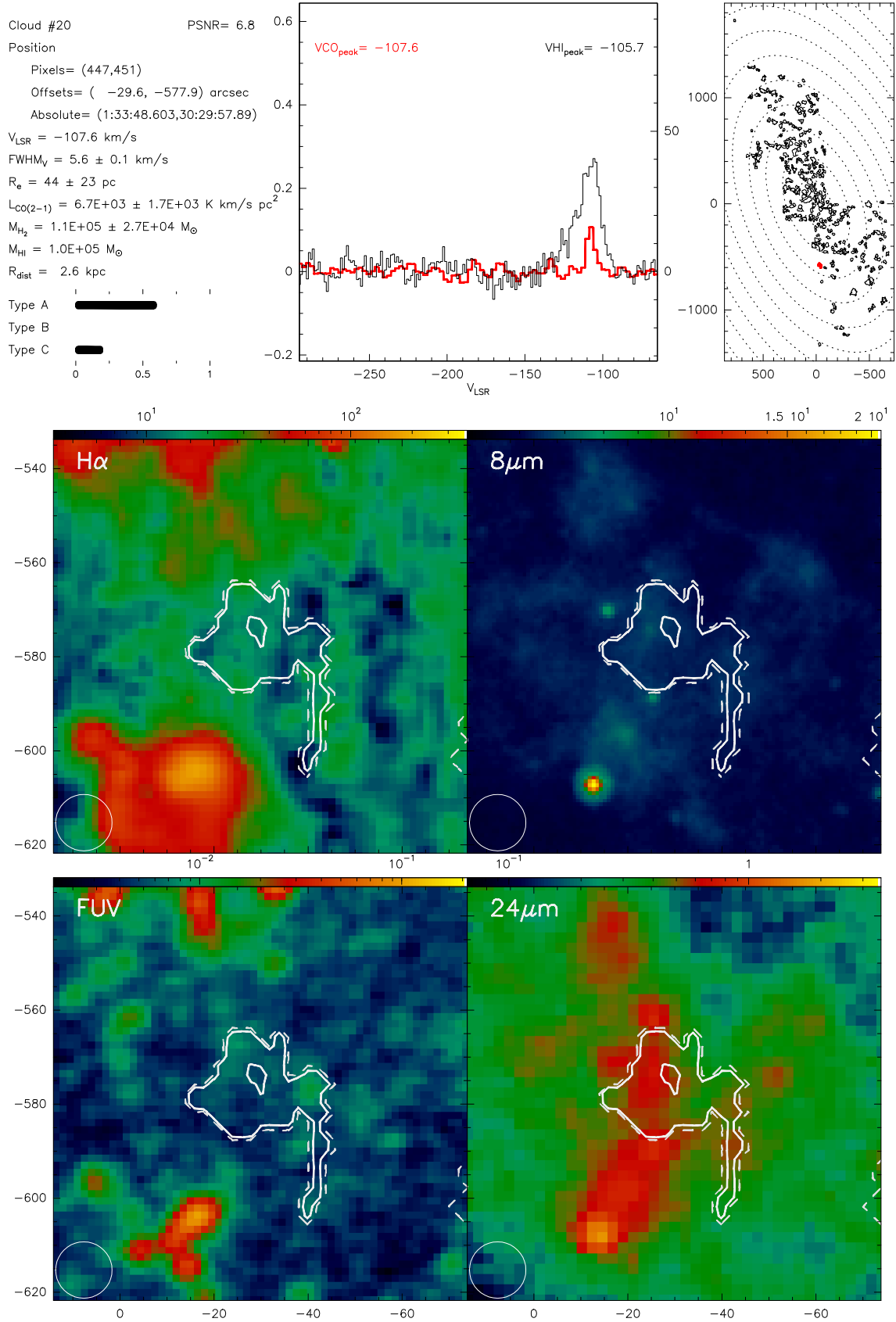


Fig. B.20. Catalogue entry for cloud 20. See description at the beginning of this appendix.

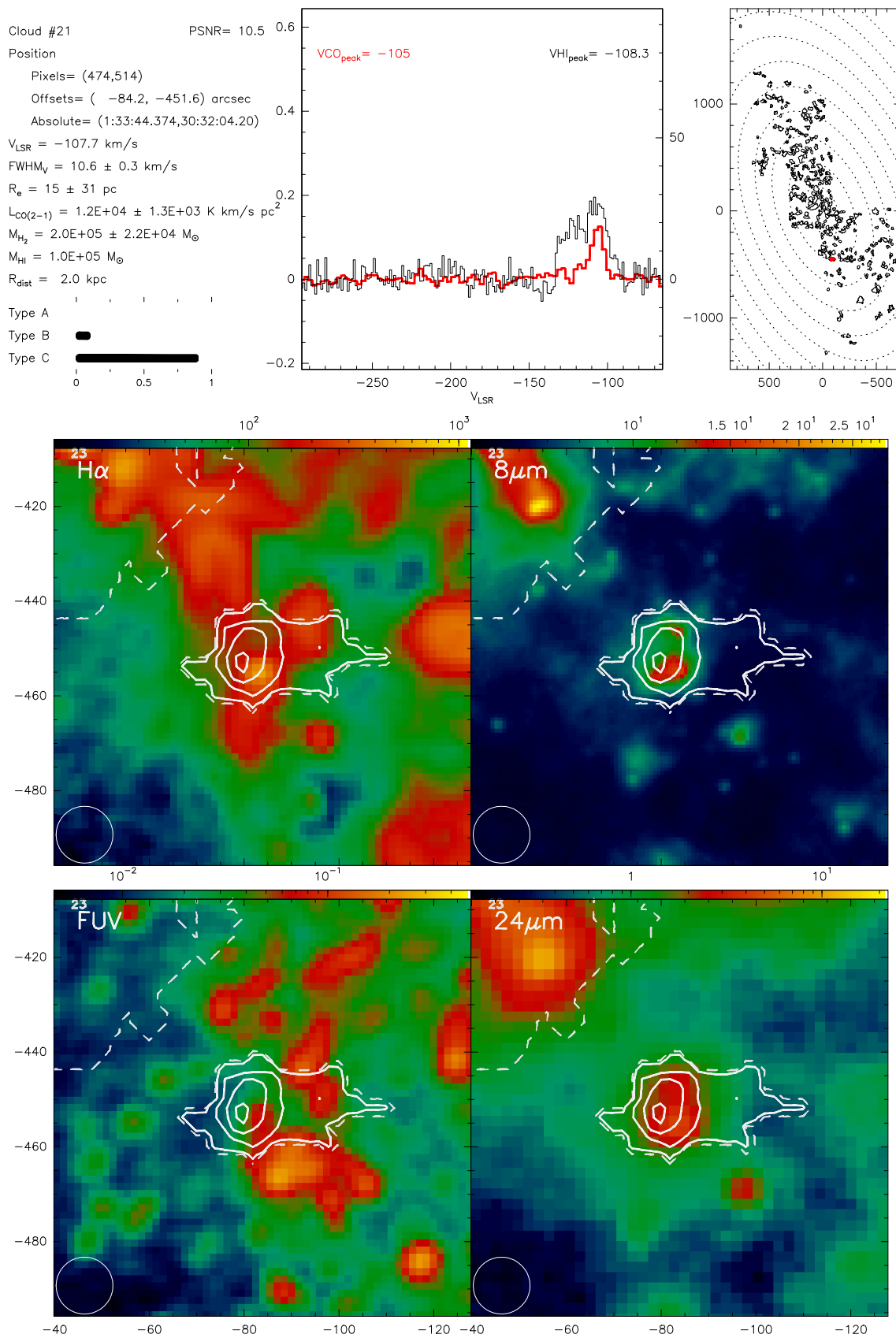


Fig. B.21. Catalogue entry for cloud 21. See description at the beginning of this appendix.

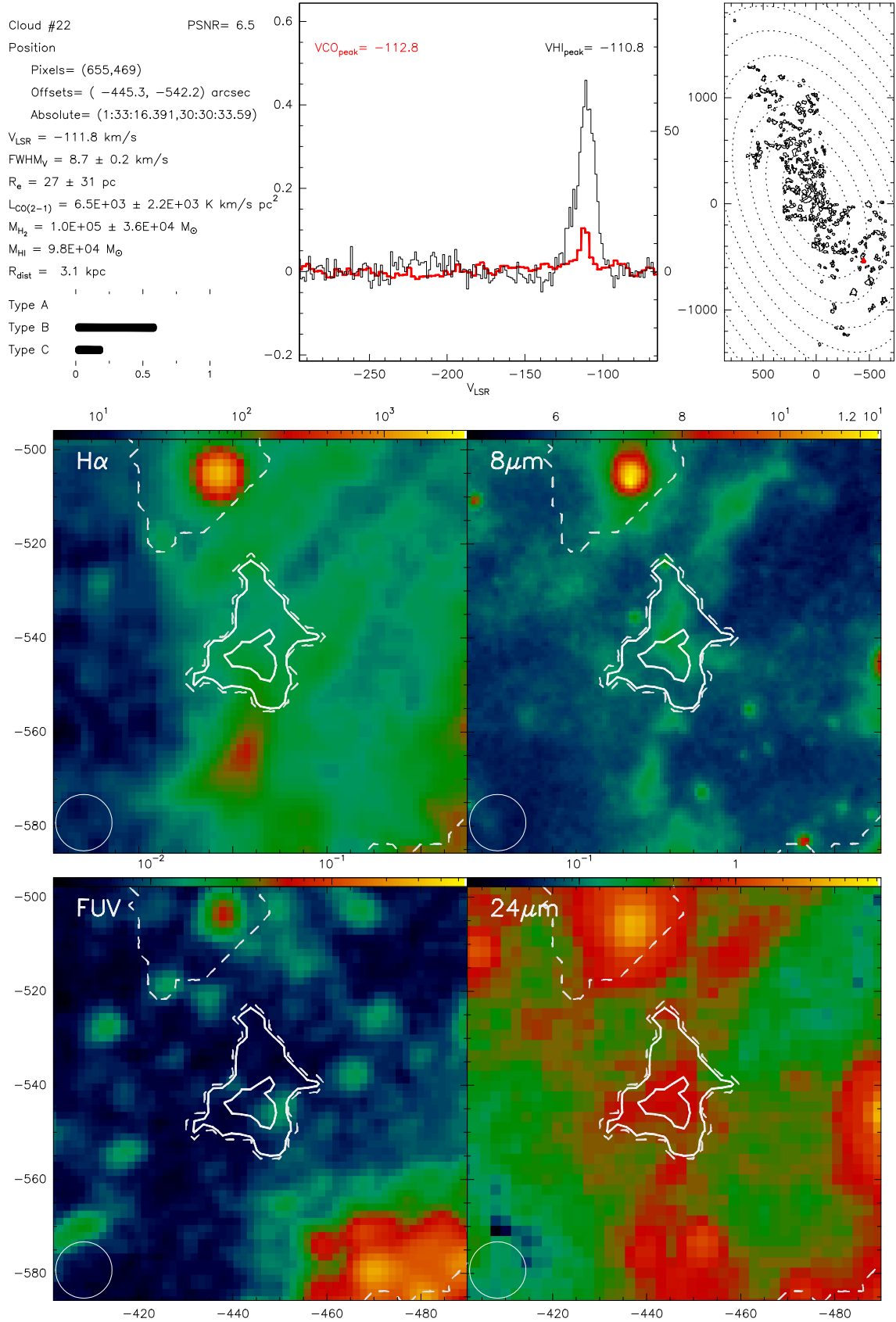


Fig. B.22. Catalogue entry for cloud 22. See description at the beginning of this appendix.

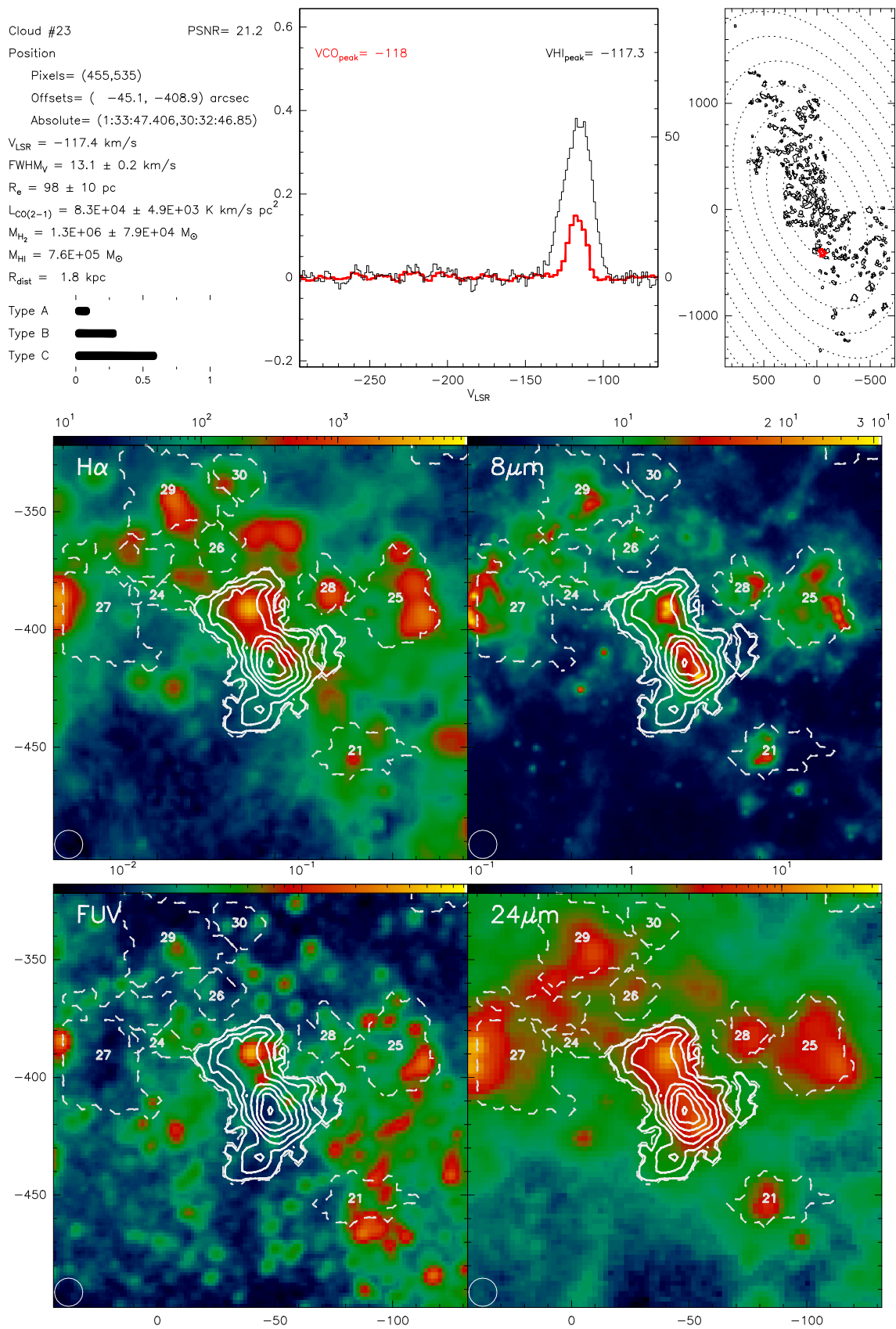


Fig. B.23. Catalogue entry for cloud 23. See description at the beginning of this appendix.

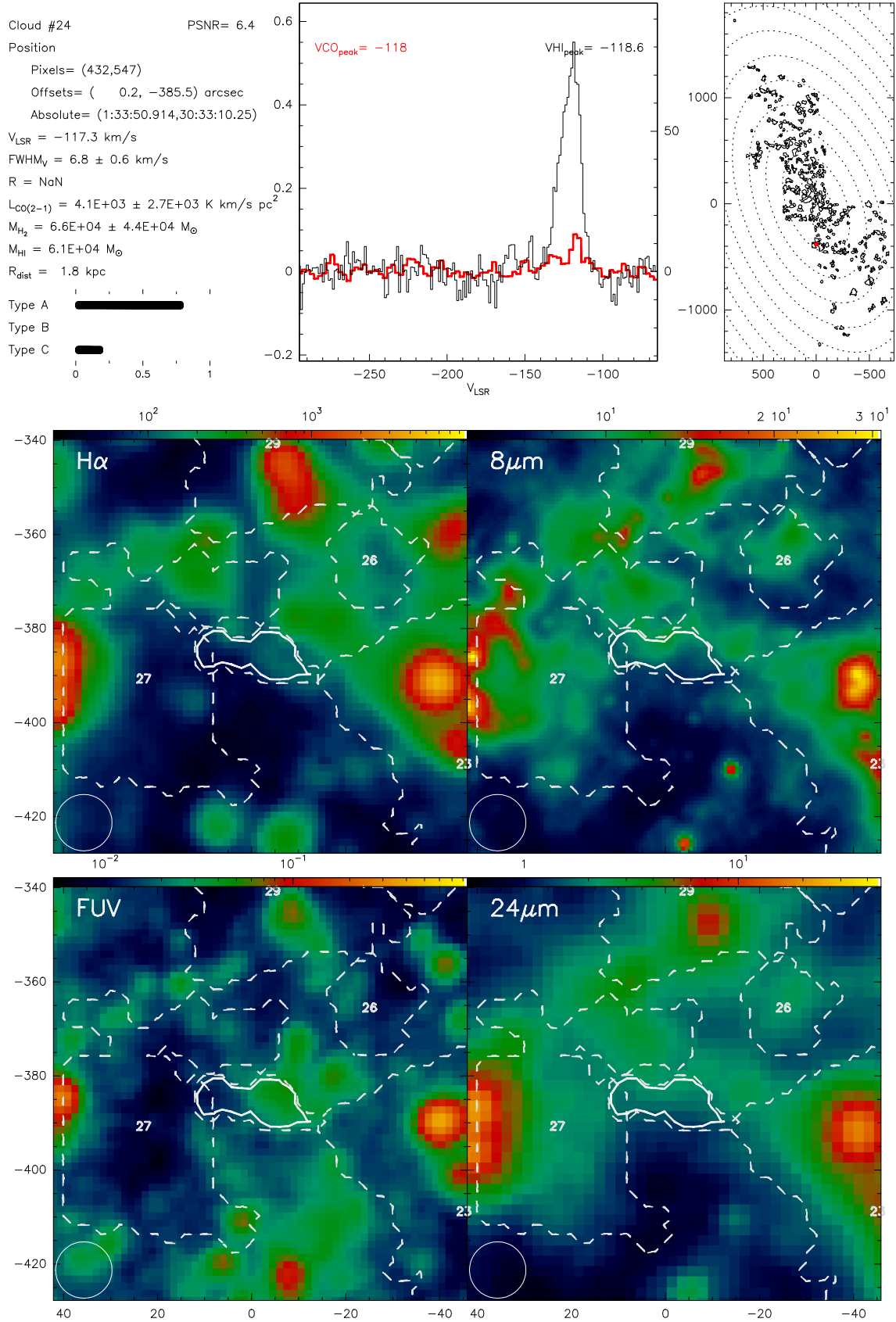


Fig. B.24. Catalogue entry for cloud 24. See description at the beginning of this appendix.

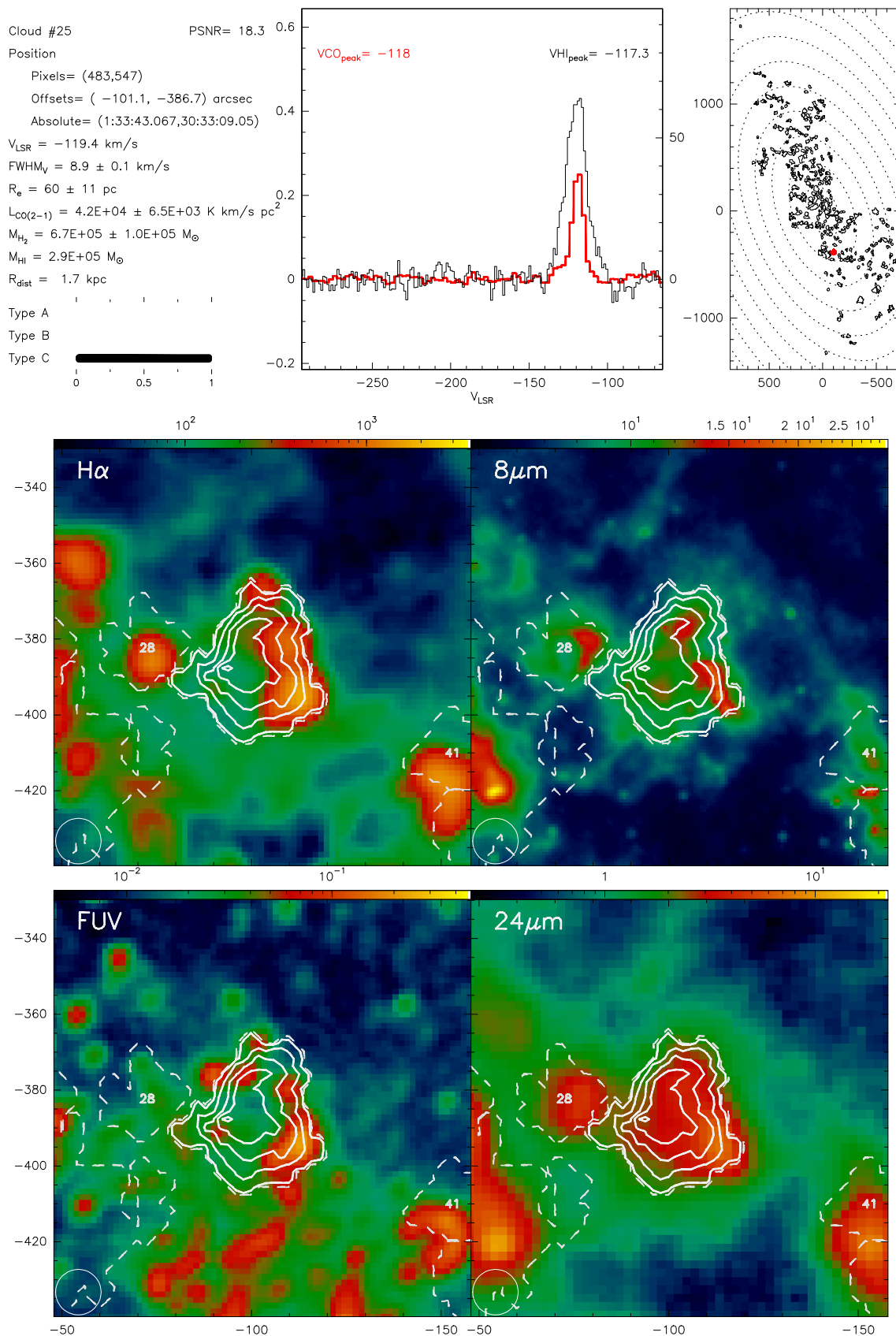


Fig. B.25. Catalogue entry for cloud 25. See description at the beginning of this appendix.

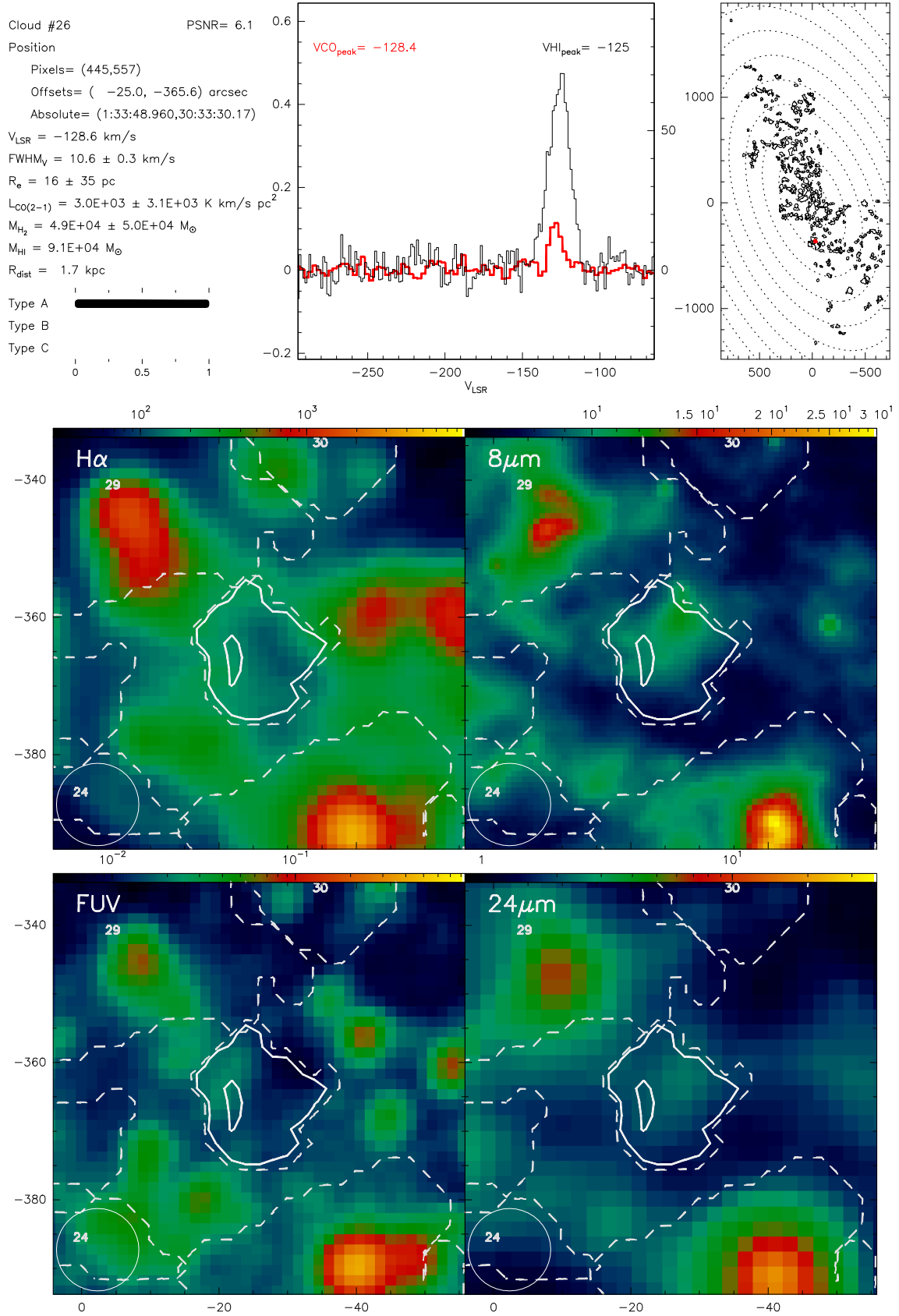


Fig. B.26. Catalogue entry for cloud 26. See description at the beginning of this appendix.

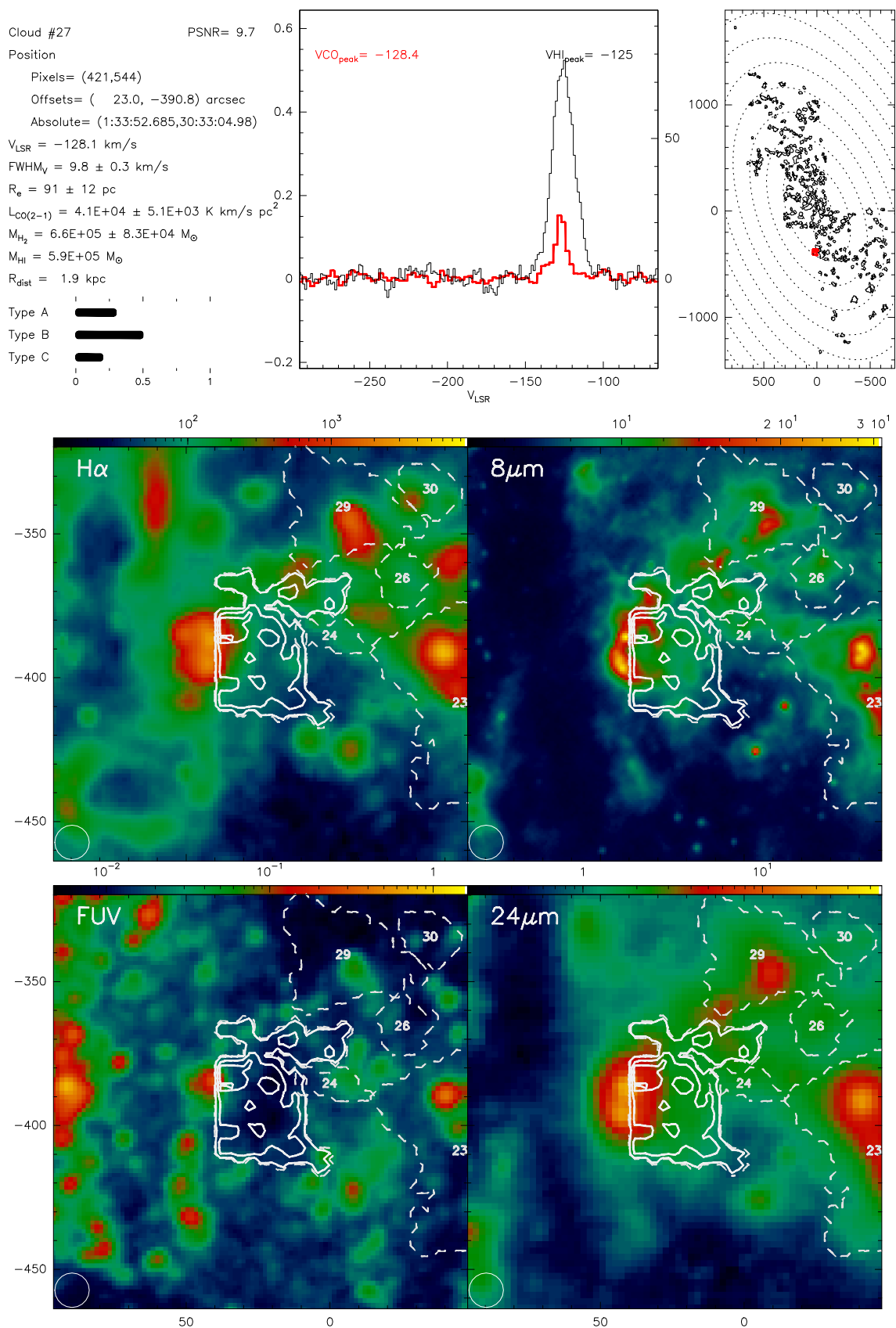


Fig. B.27. Catalogue entry for cloud 27. See description at the beginning of this appendix.

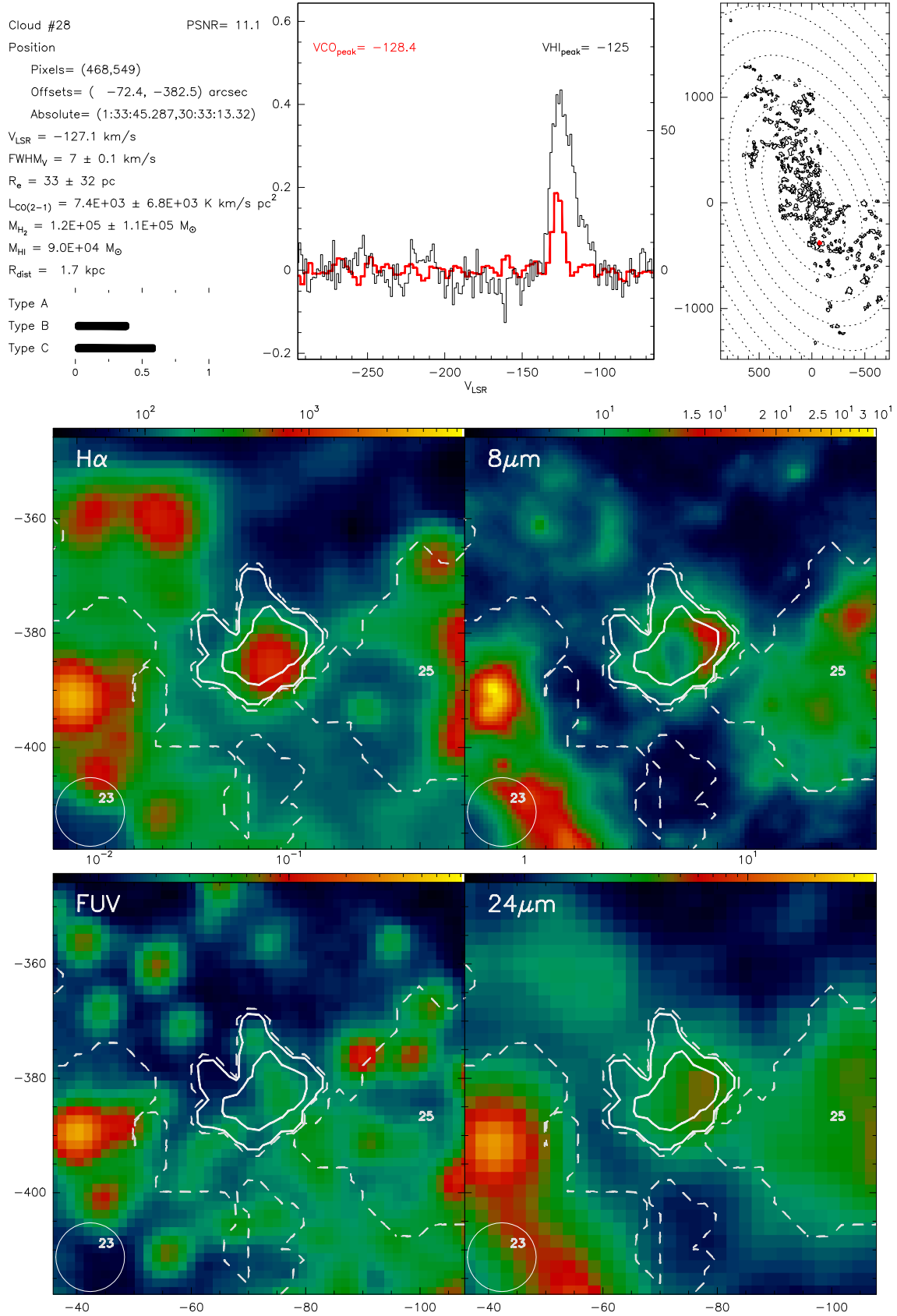


Fig. B.28. Catalogue entry for cloud 28. See description at the beginning of this appendix.

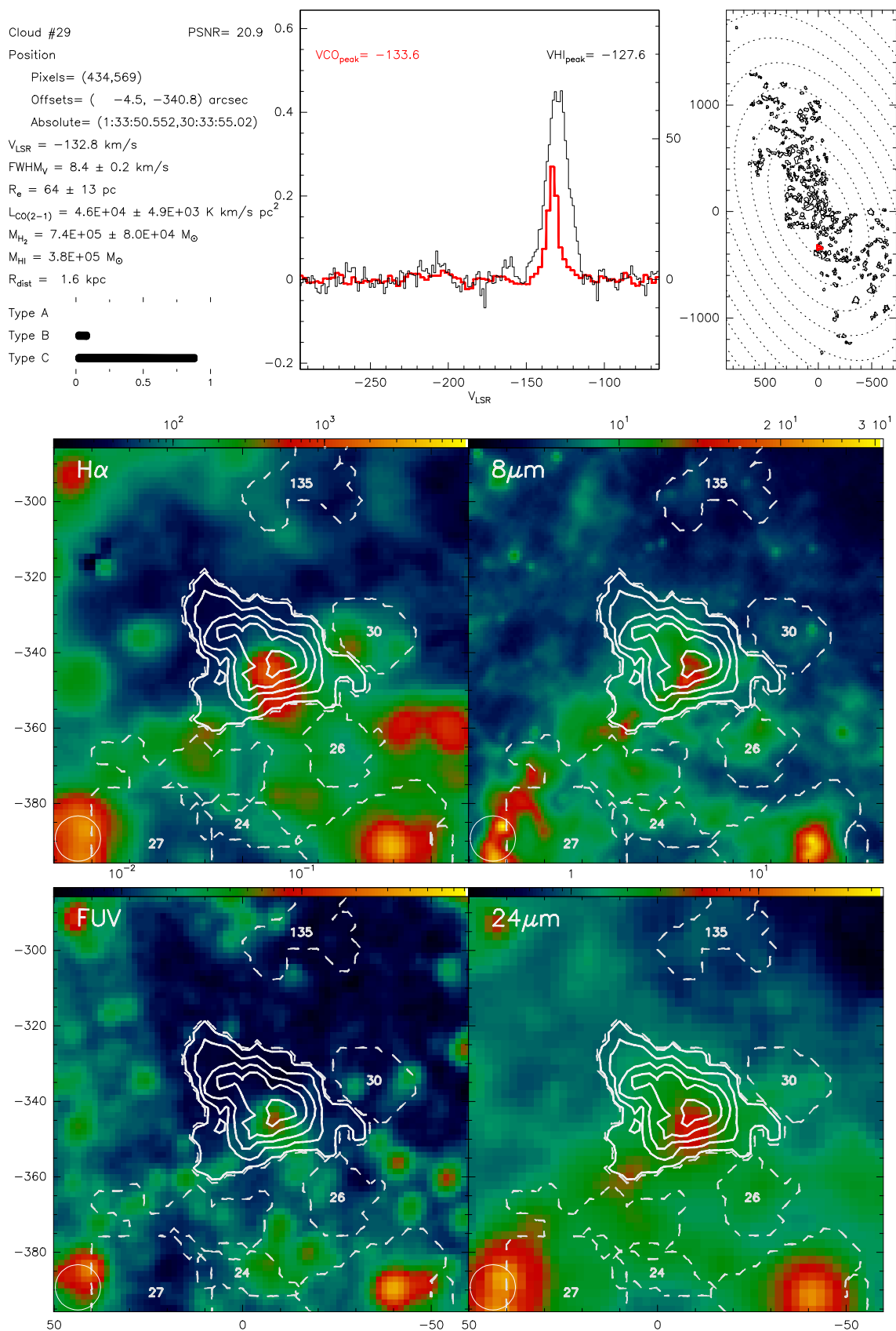


Fig. B.29. Catalogue entry for cloud 29. See description at the beginning of this appendix.

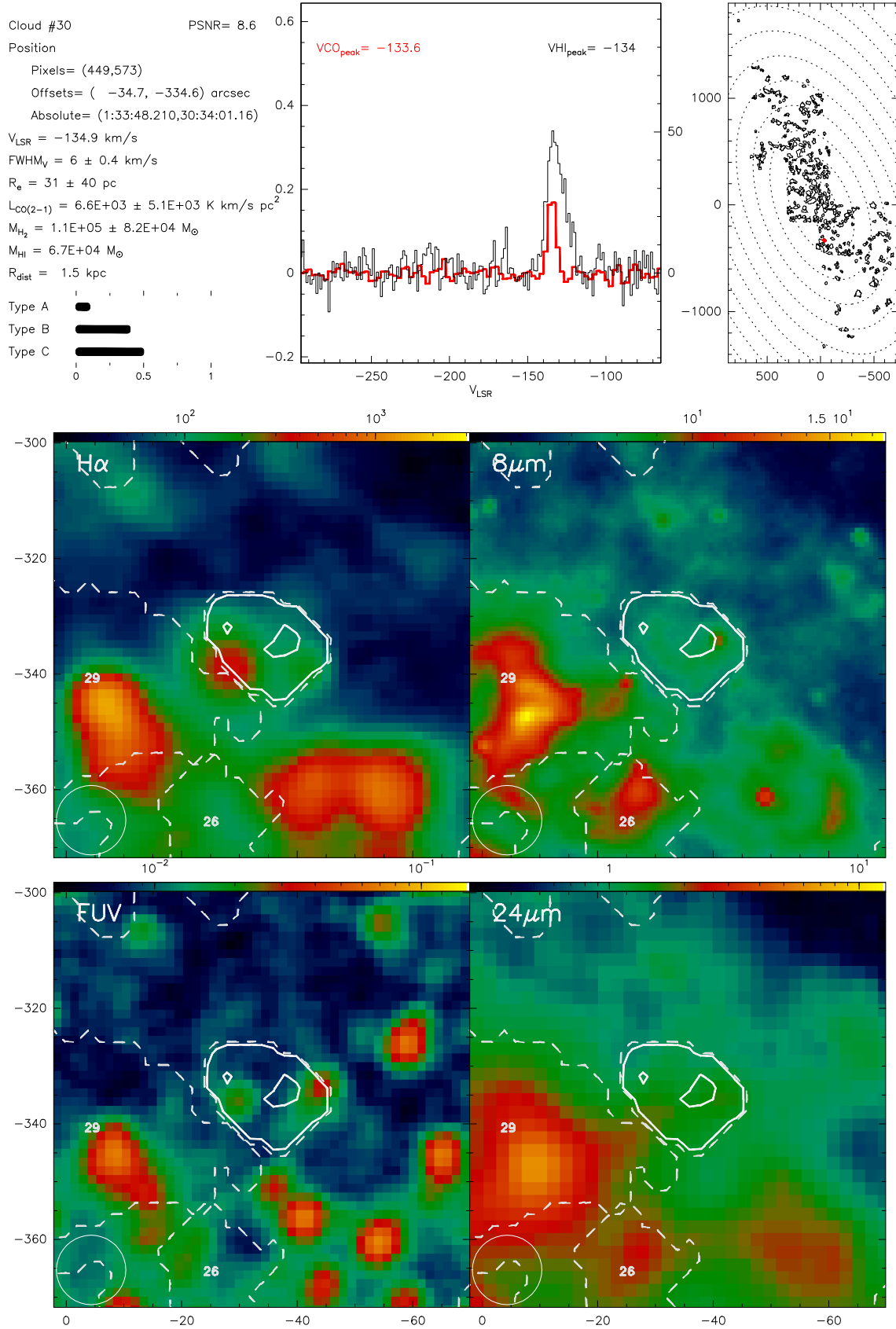


Fig. B.30. Catalogue entry for cloud 30. See description at the beginning of this appendix.

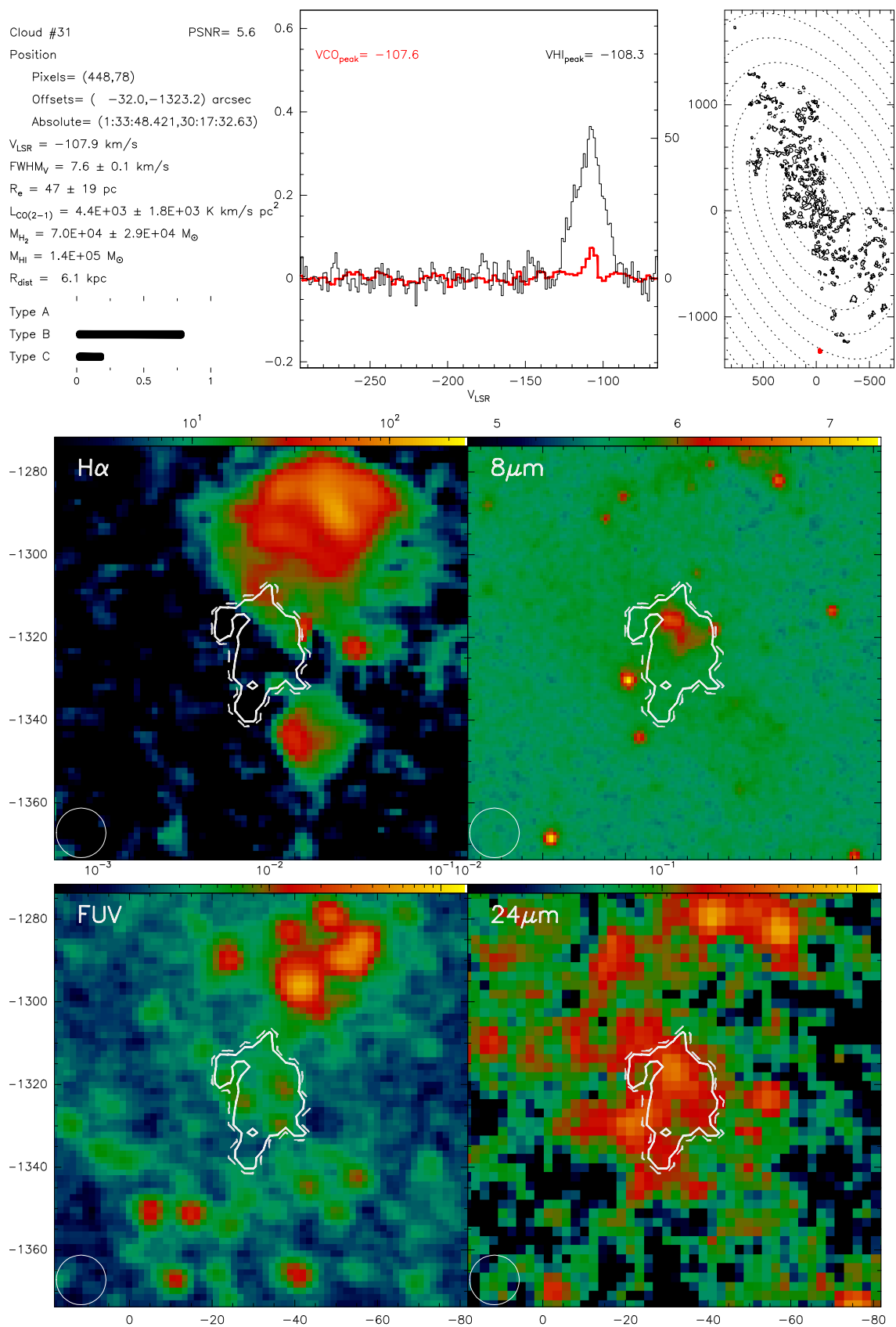


Fig. B.31. Catalogue entry for cloud 31. See description at the beginning of this appendix.

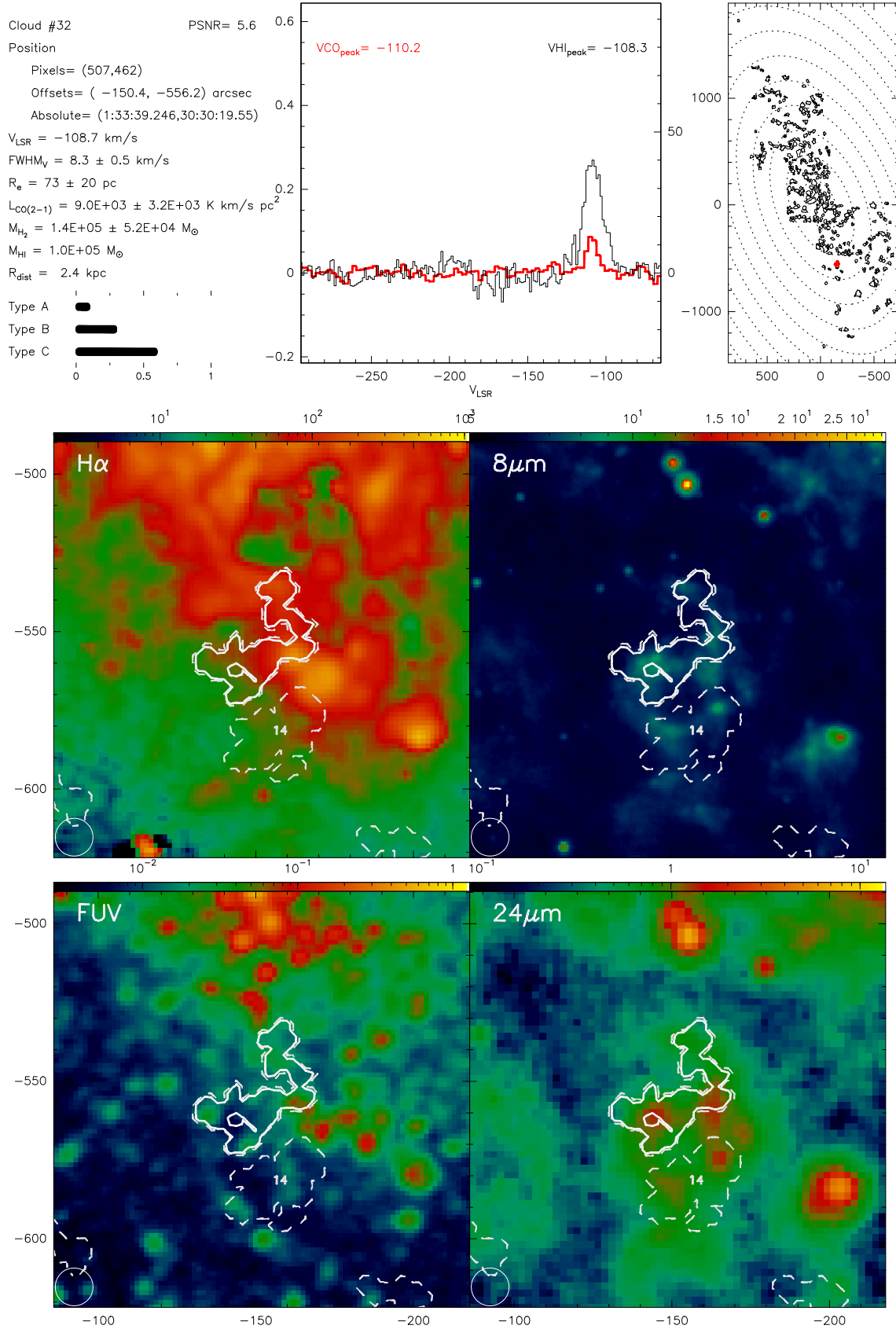


Fig. B.32. Catalogue entry for cloud 32. See description at the beginning of this appendix.

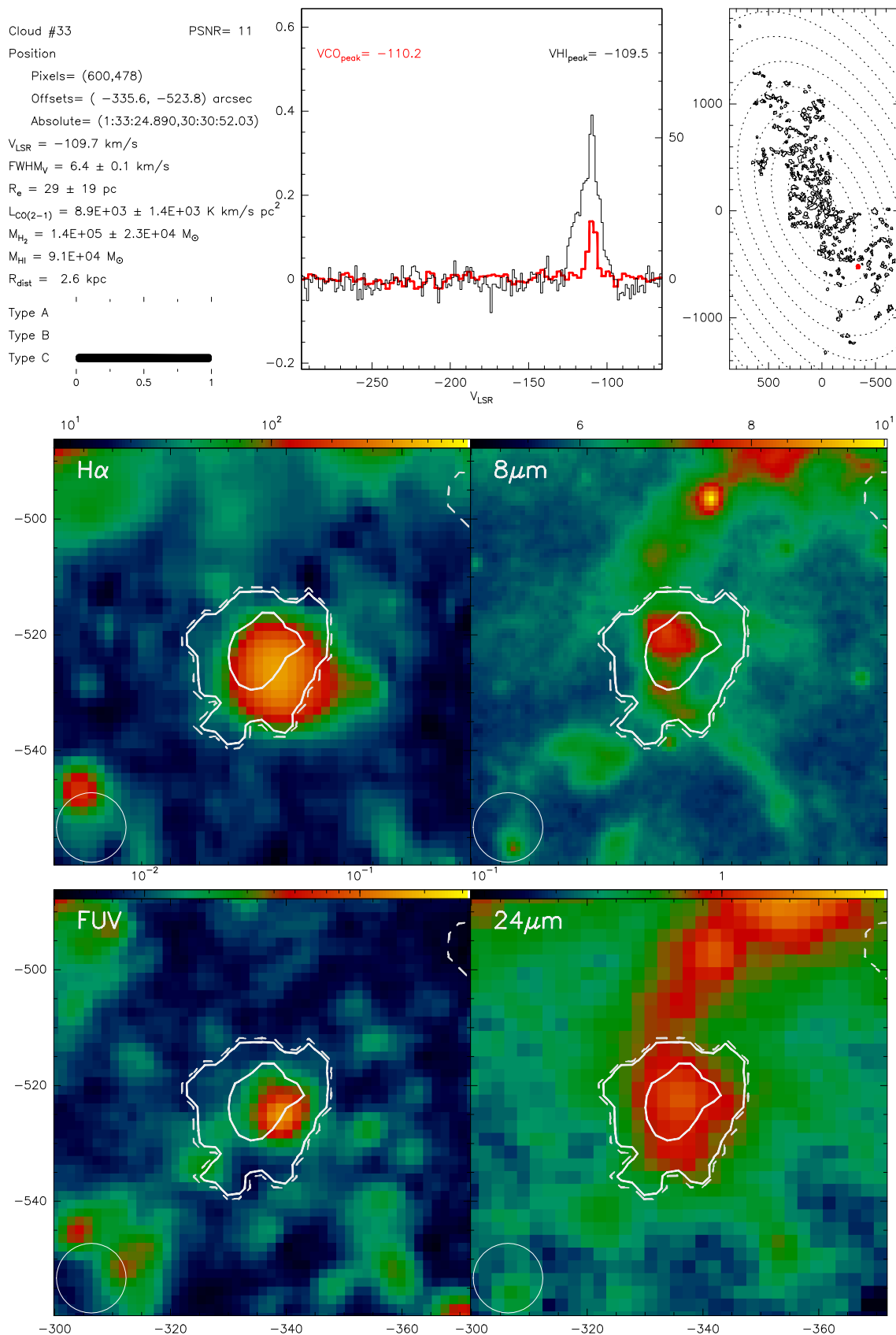


Fig. B.33. Catalogue entry for cloud 33. See description at the beginning of this appendix.

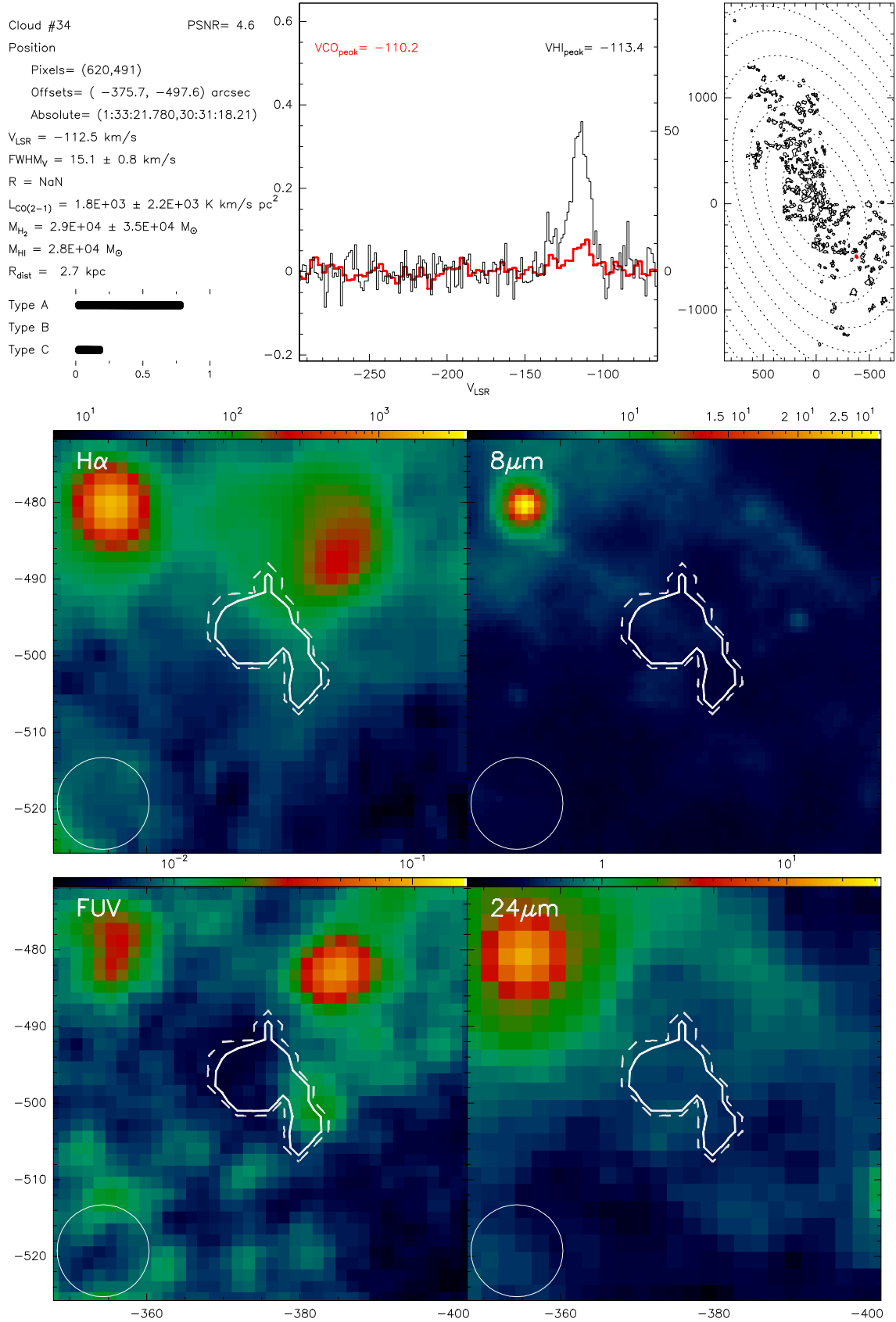


Fig. B.34. Catalogue entry for cloud 34. See description at the beginning of this appendix.

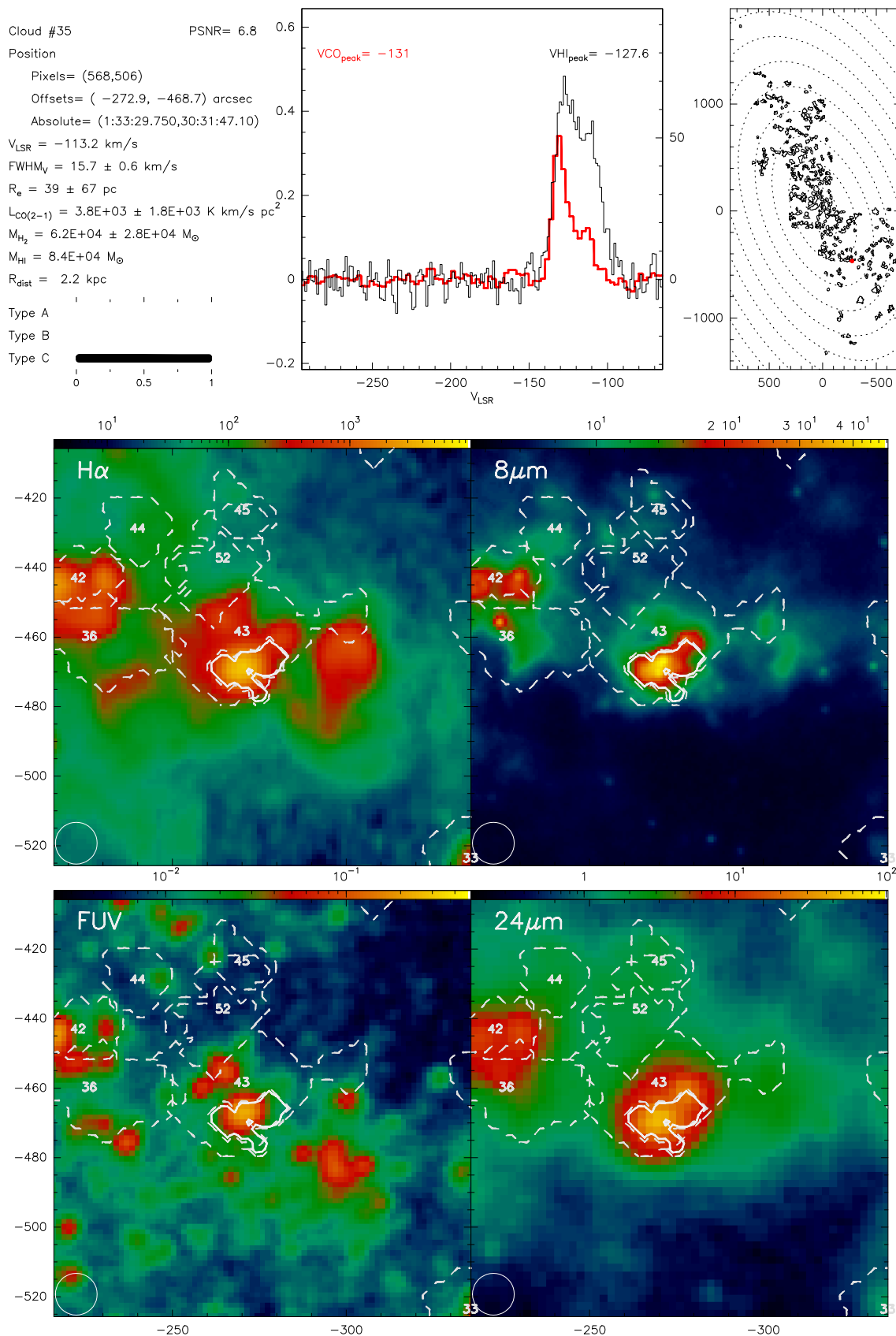


Fig. B.35. Catalogue entry for cloud 35. See description at the beginning of this appendix.

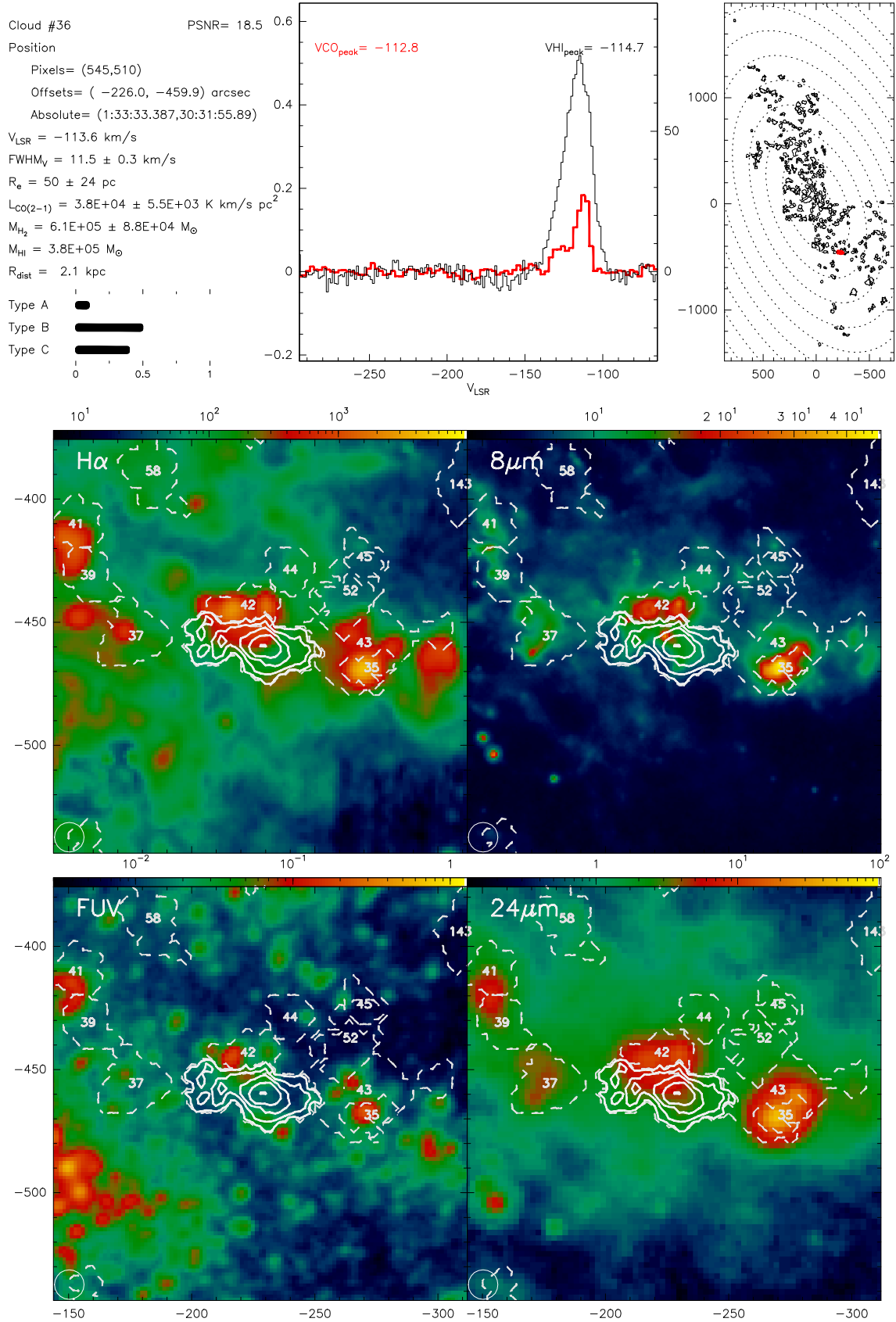


Fig. B.36. Catalogue entry for cloud 36. See description at the beginning of this appendix.

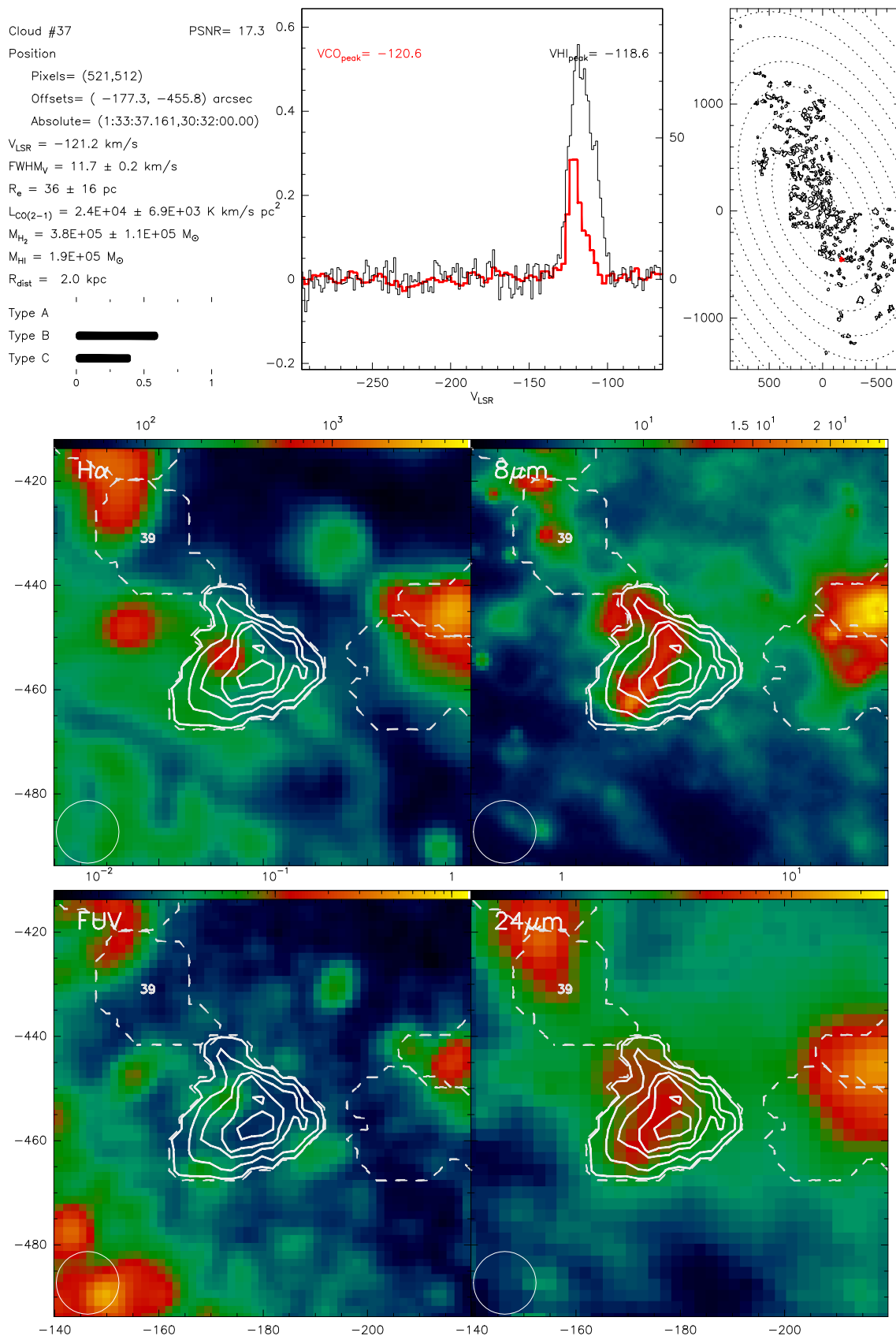


Fig. B.37. Catalogue entry for cloud 37. See description at the beginning of this appendix.

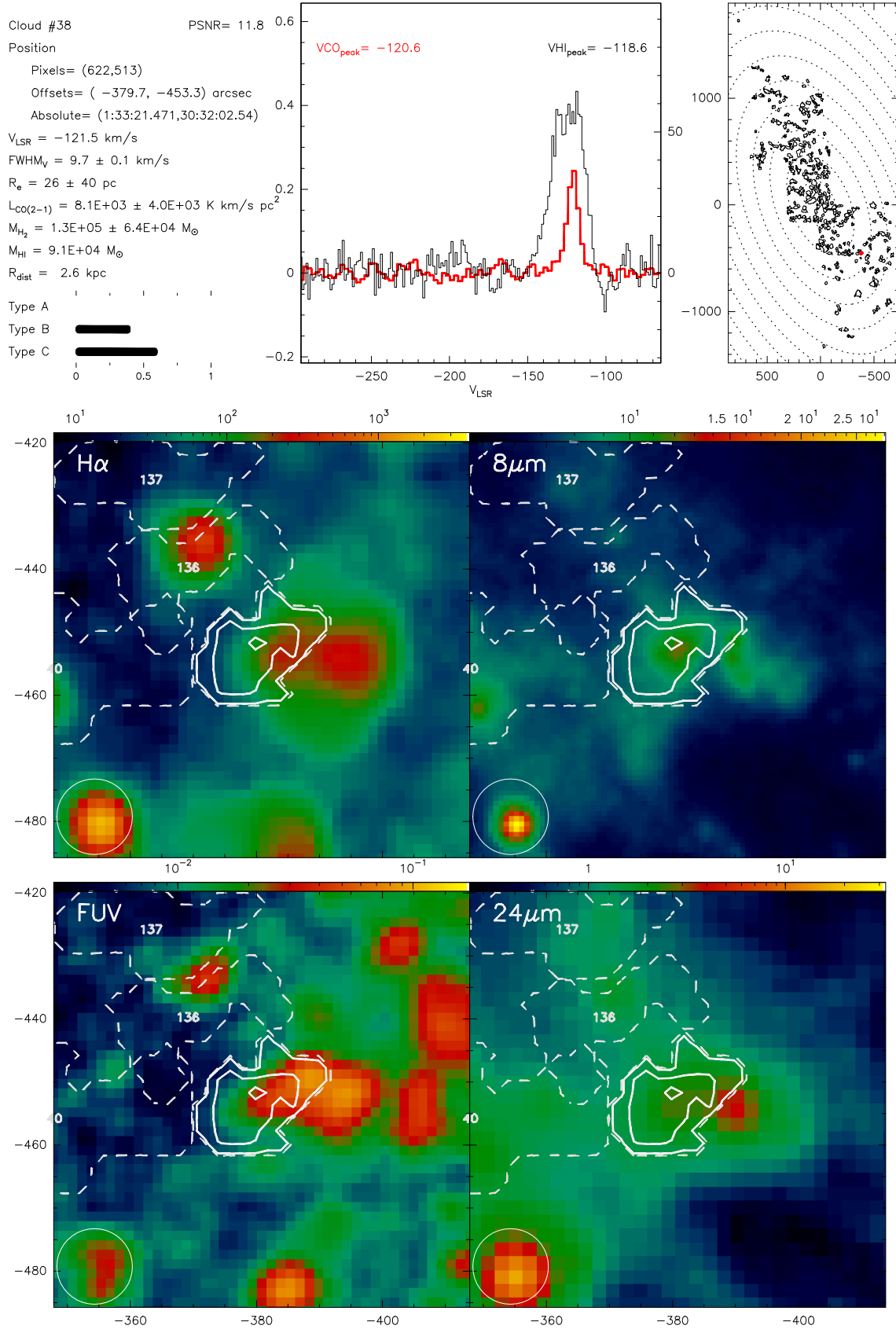


Fig. B.38. Catalogue entry for cloud 38. See description at the beginning of this appendix.

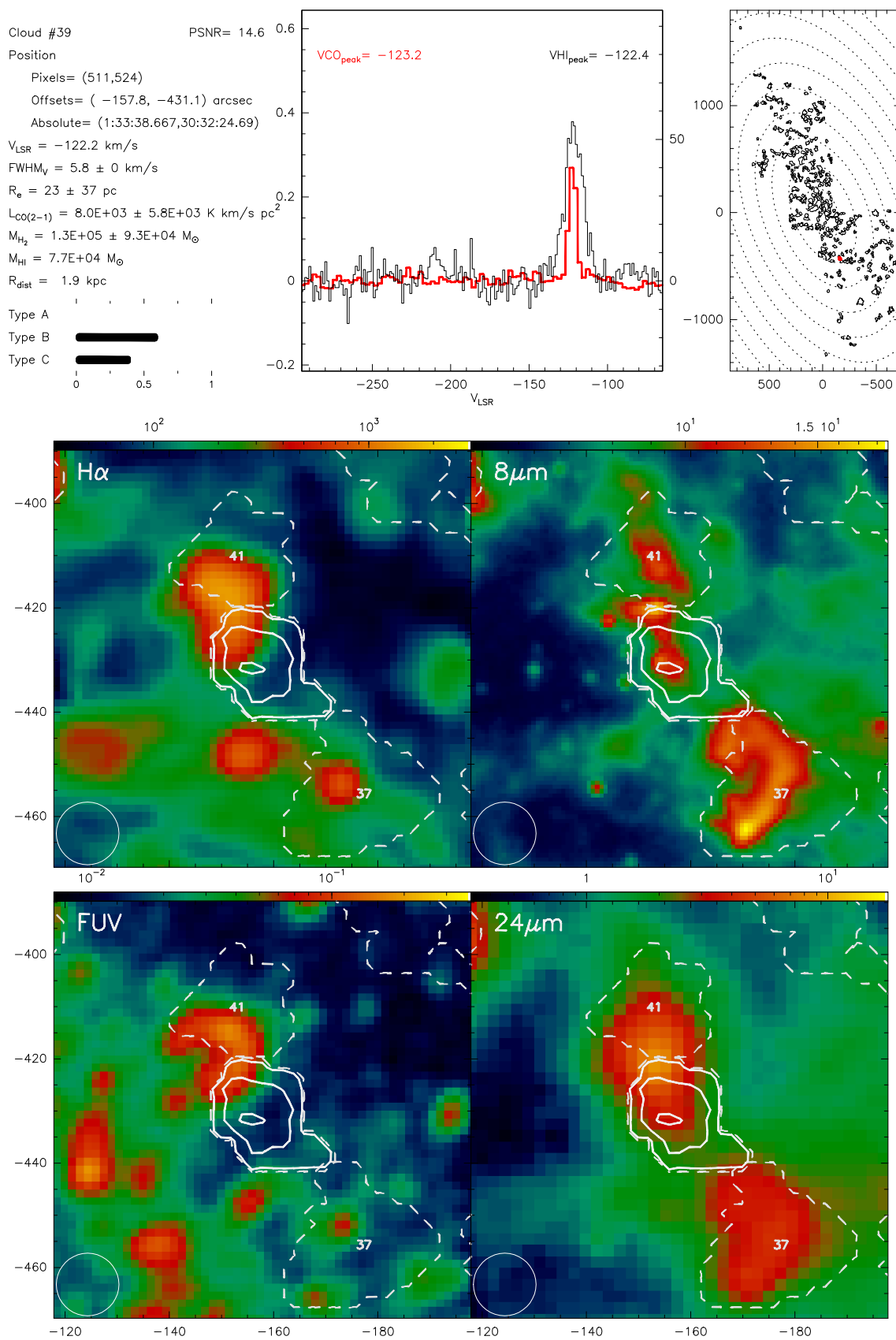


Fig. B.39. Catalogue entry for cloud 39. See description at the beginning of this appendix.

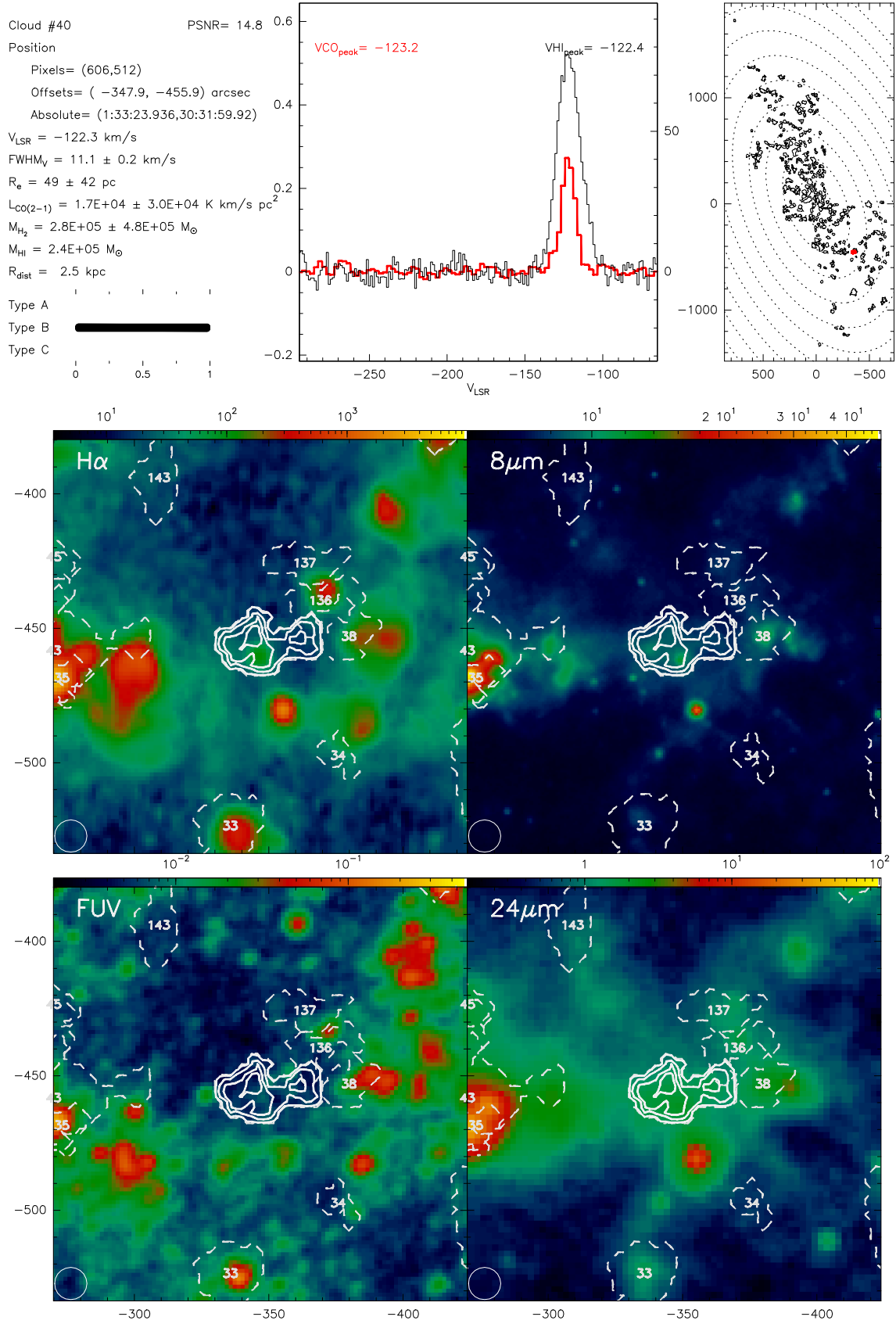


Fig. B.40. Catalogue entry for cloud 40. See description at the beginning of this appendix.

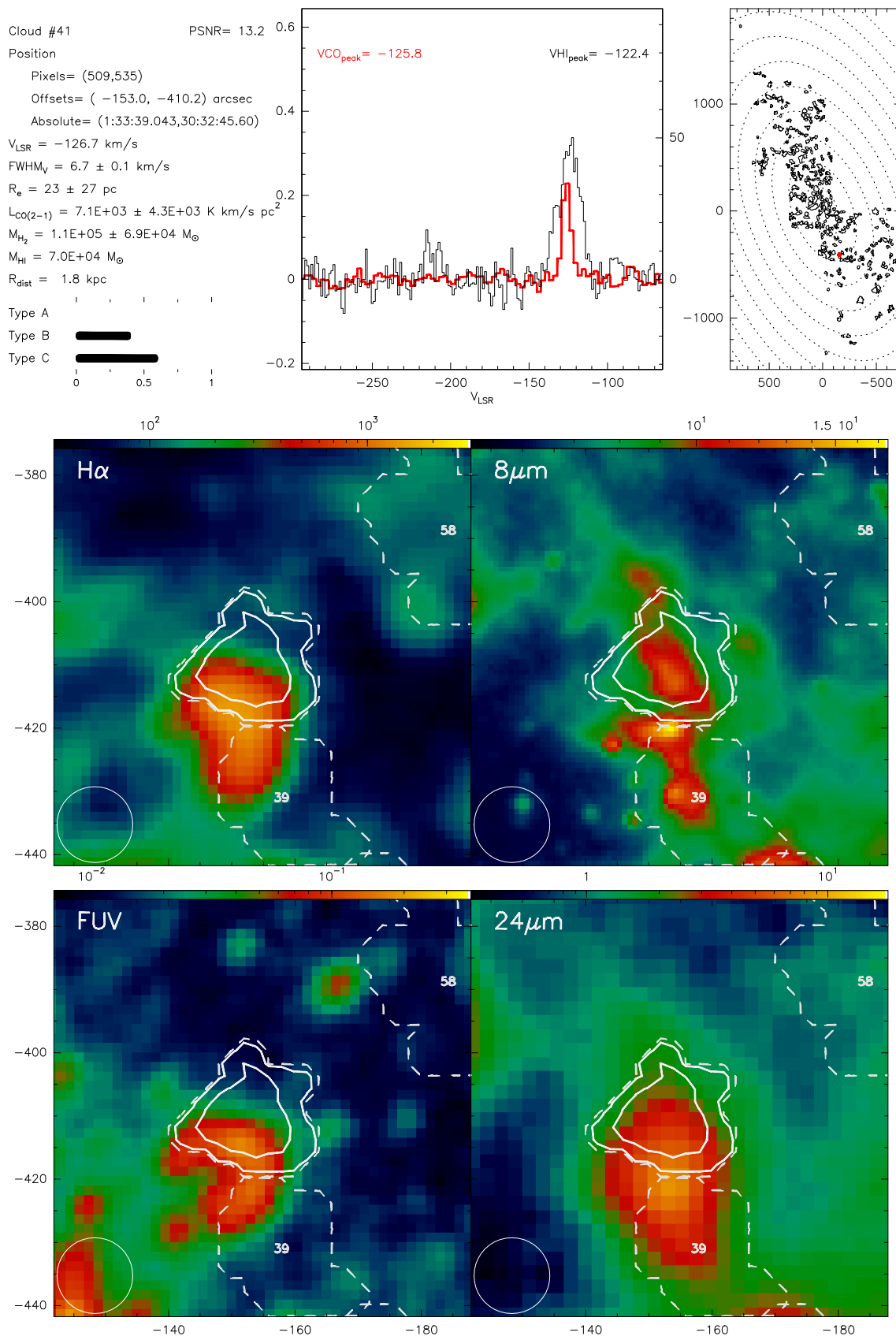


Fig. B.41. Catalogue entry for cloud 41. See description at the beginning of this appendix.

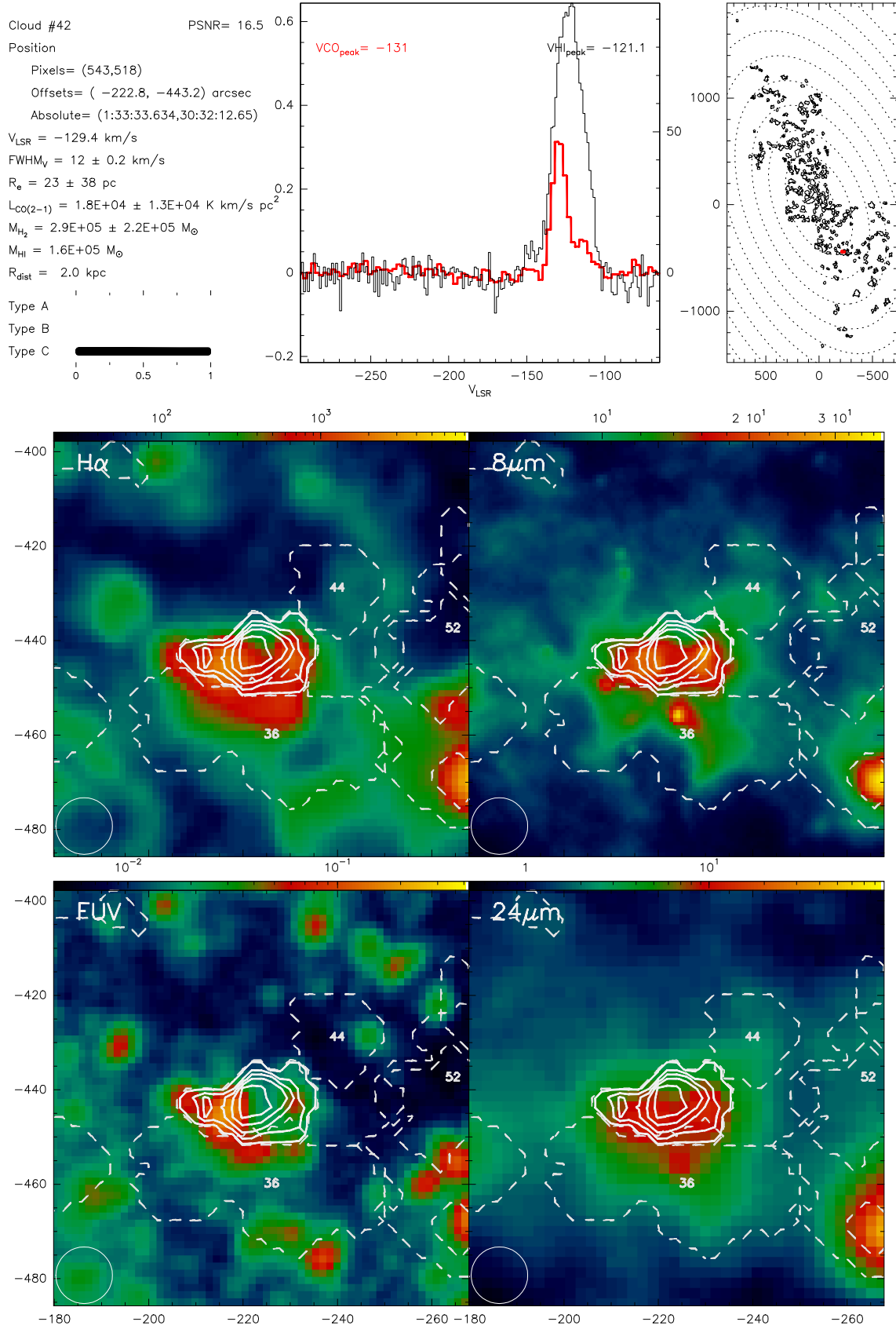


Fig. B.42. Catalogue entry for cloud 42. See description at the beginning of this appendix.

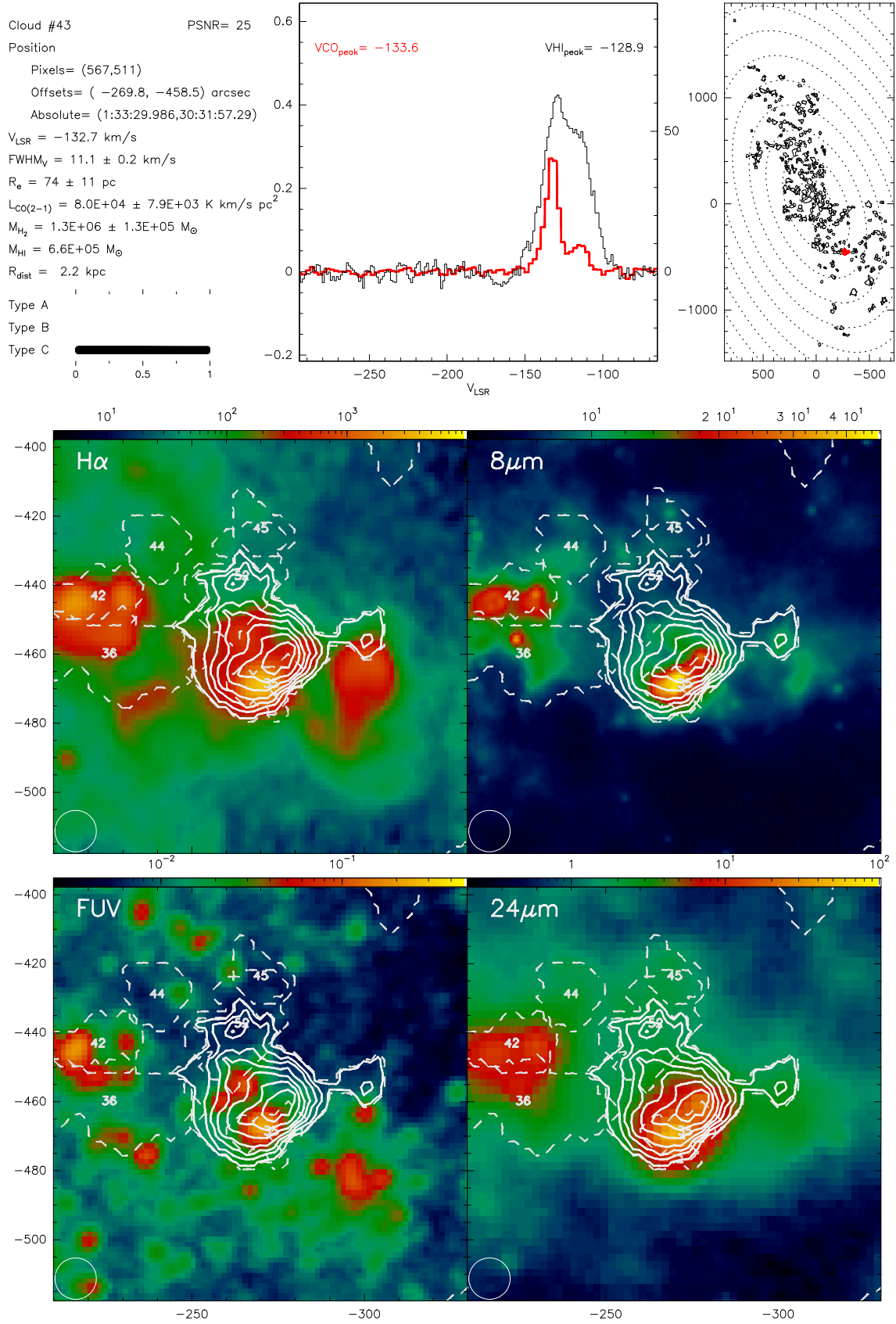


Fig. B.43. Catalogue entry for cloud 43. See description at the beginning of this appendix.

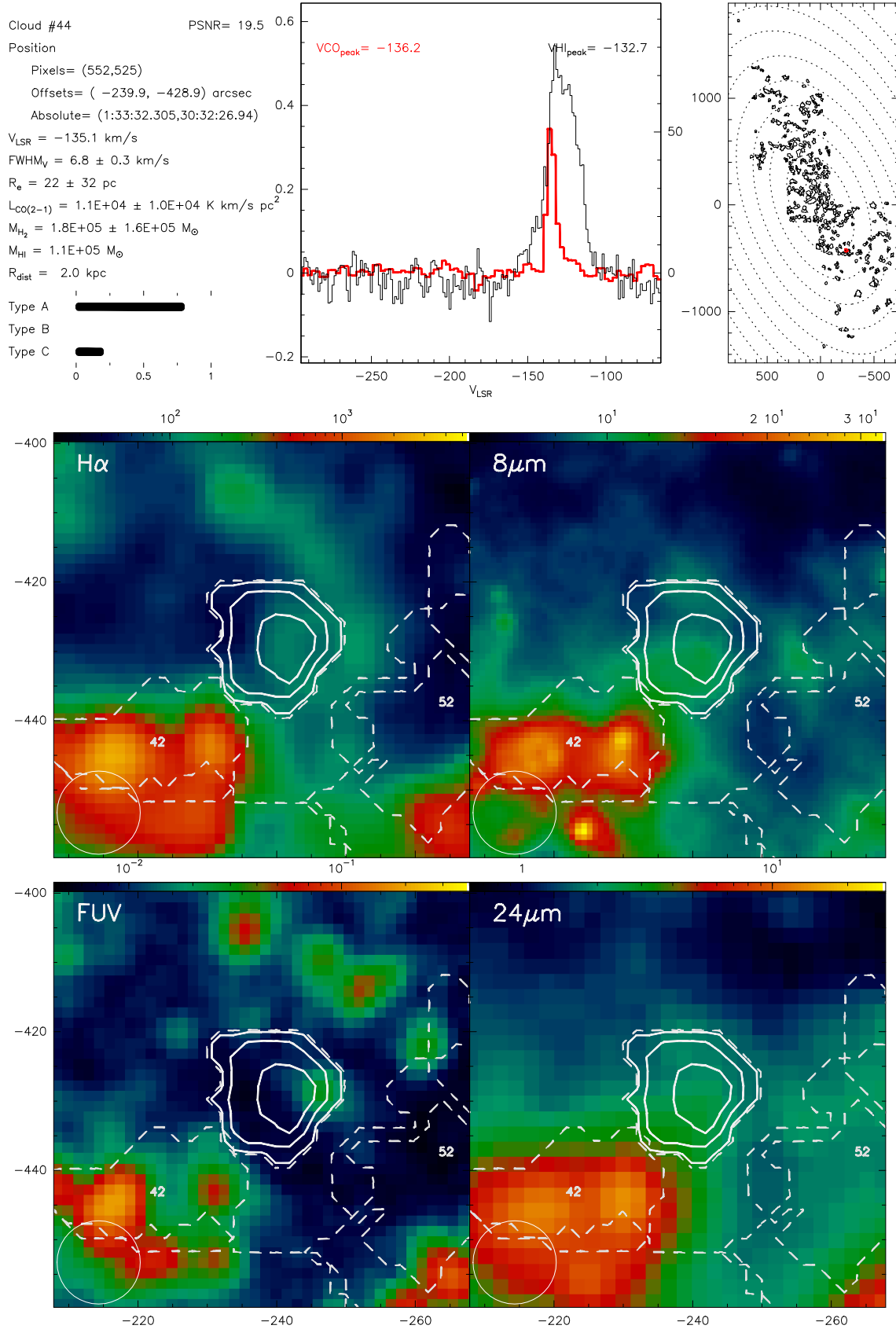


Fig. B.44. Catalogue entry for cloud 44. See description at the beginning of this appendix.

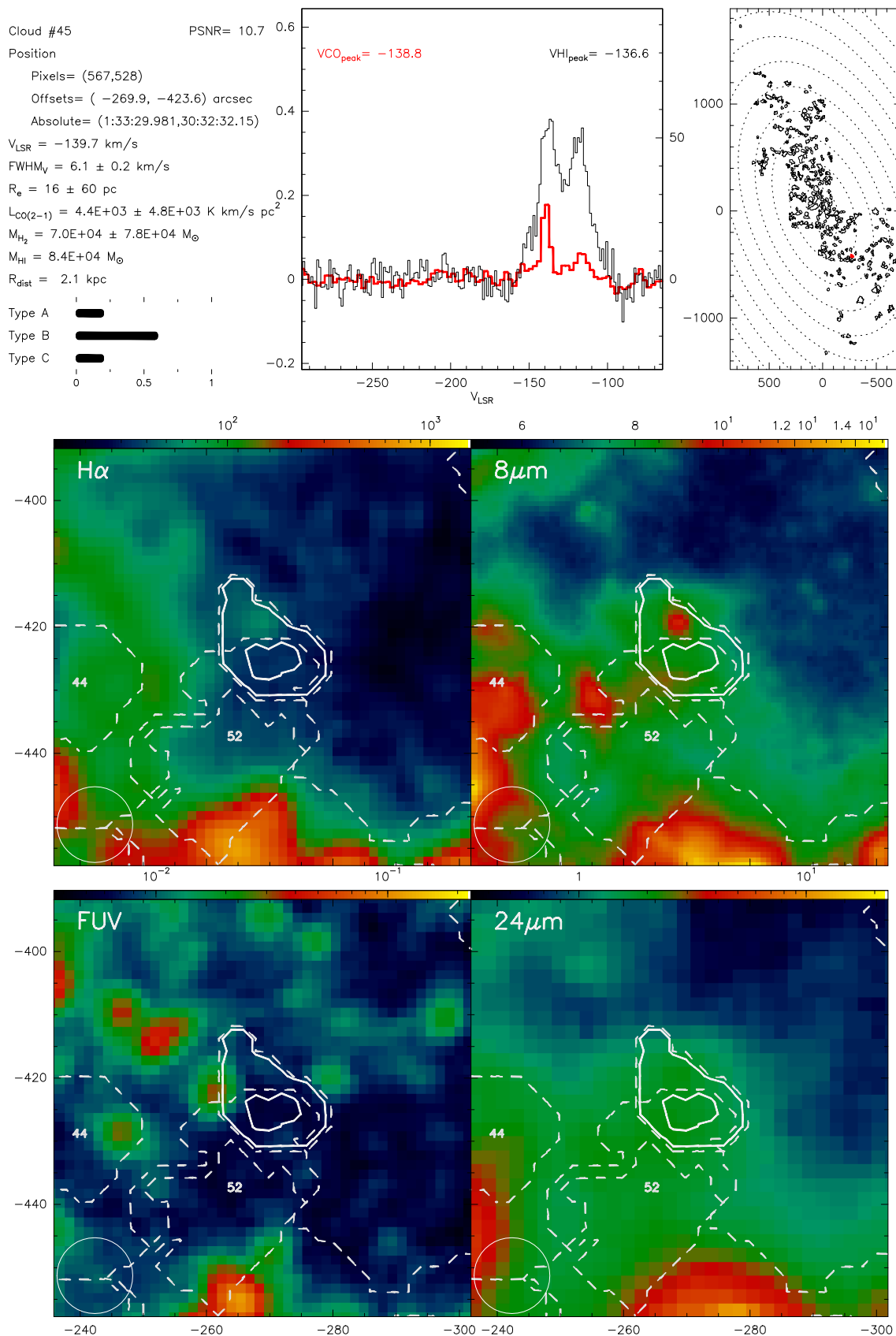


Fig. B.45. Catalogue entry for cloud 45. See description at the beginning of this appendix.

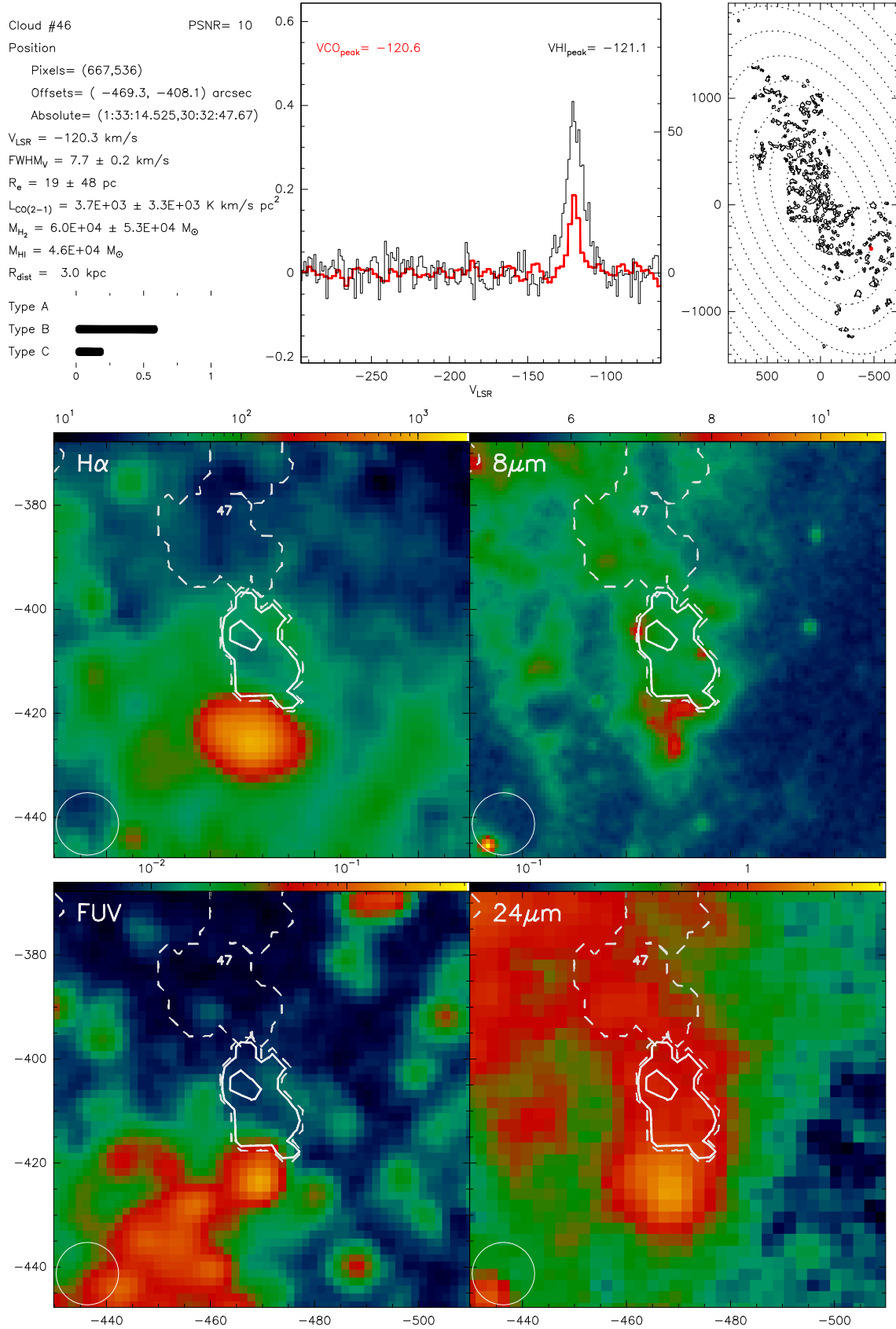


Fig. B.46. Catalogue entry for cloud 46. See description at the beginning of this appendix.

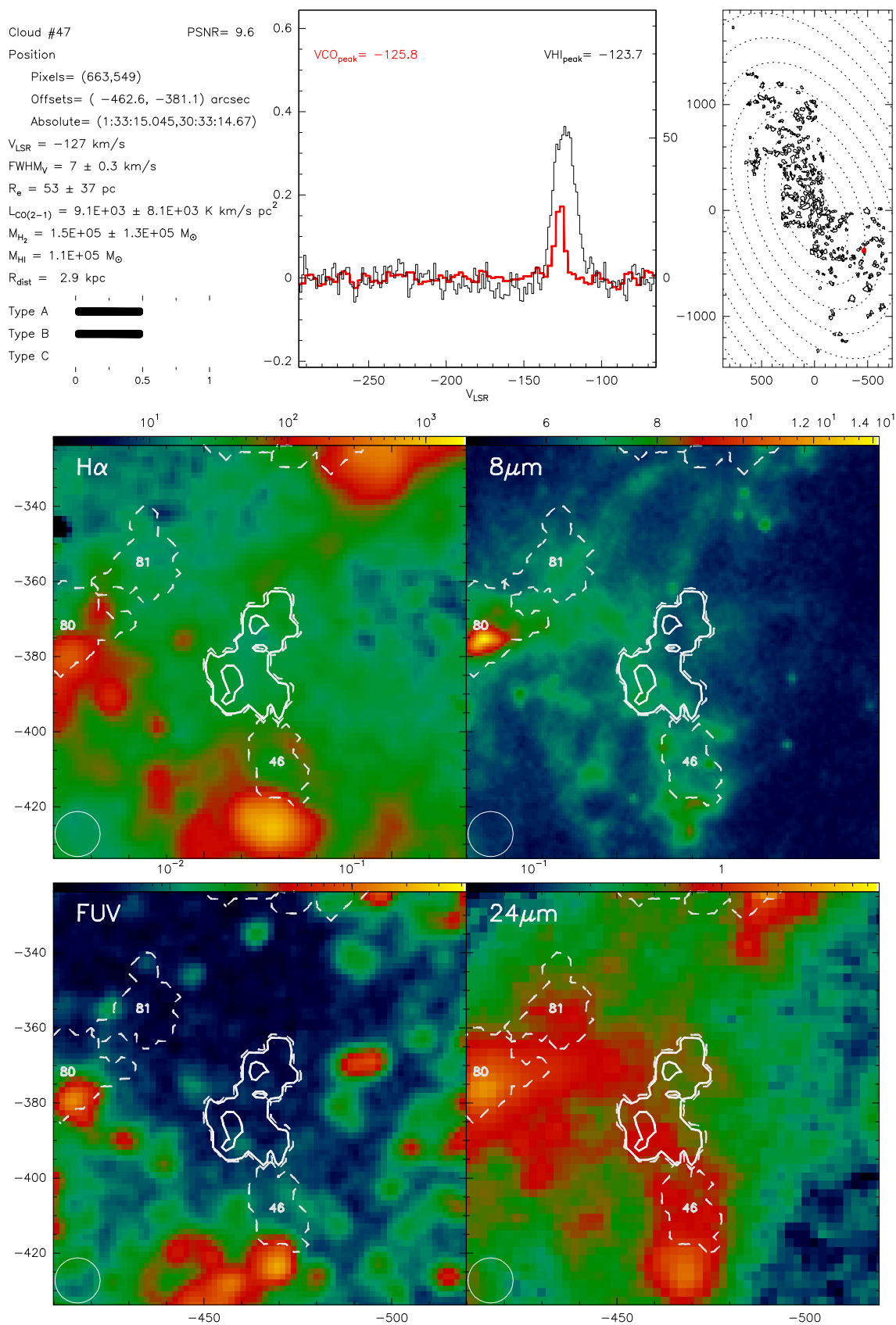


Fig. B.47. Catalogue entry for cloud 47. See description at the beginning of this appendix.

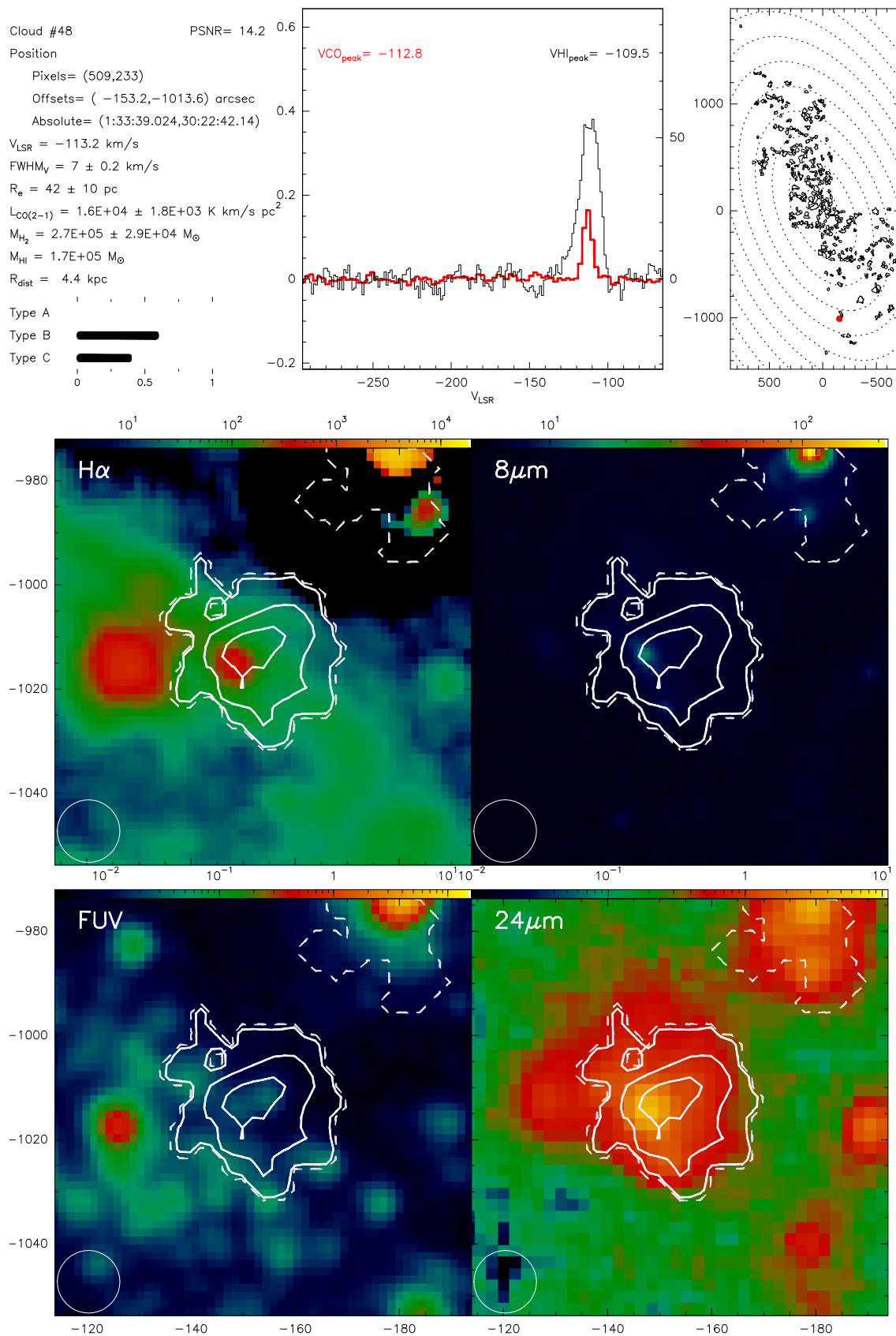


Fig. B.48. Catalogue entry for cloud 48. See description at the beginning of this appendix.

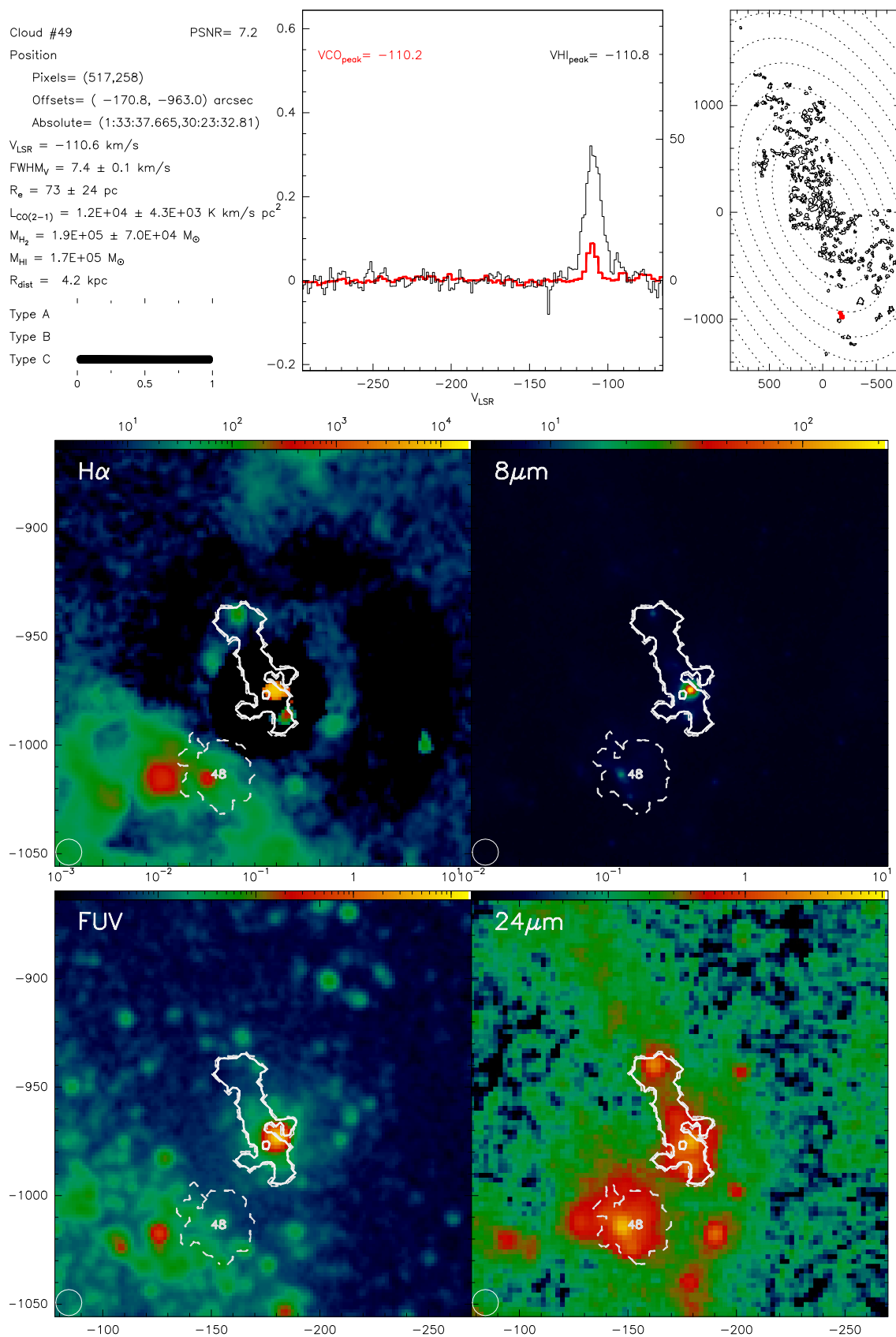


Fig. B.49. Catalogue entry for cloud 49. See description at the beginning of this appendix.

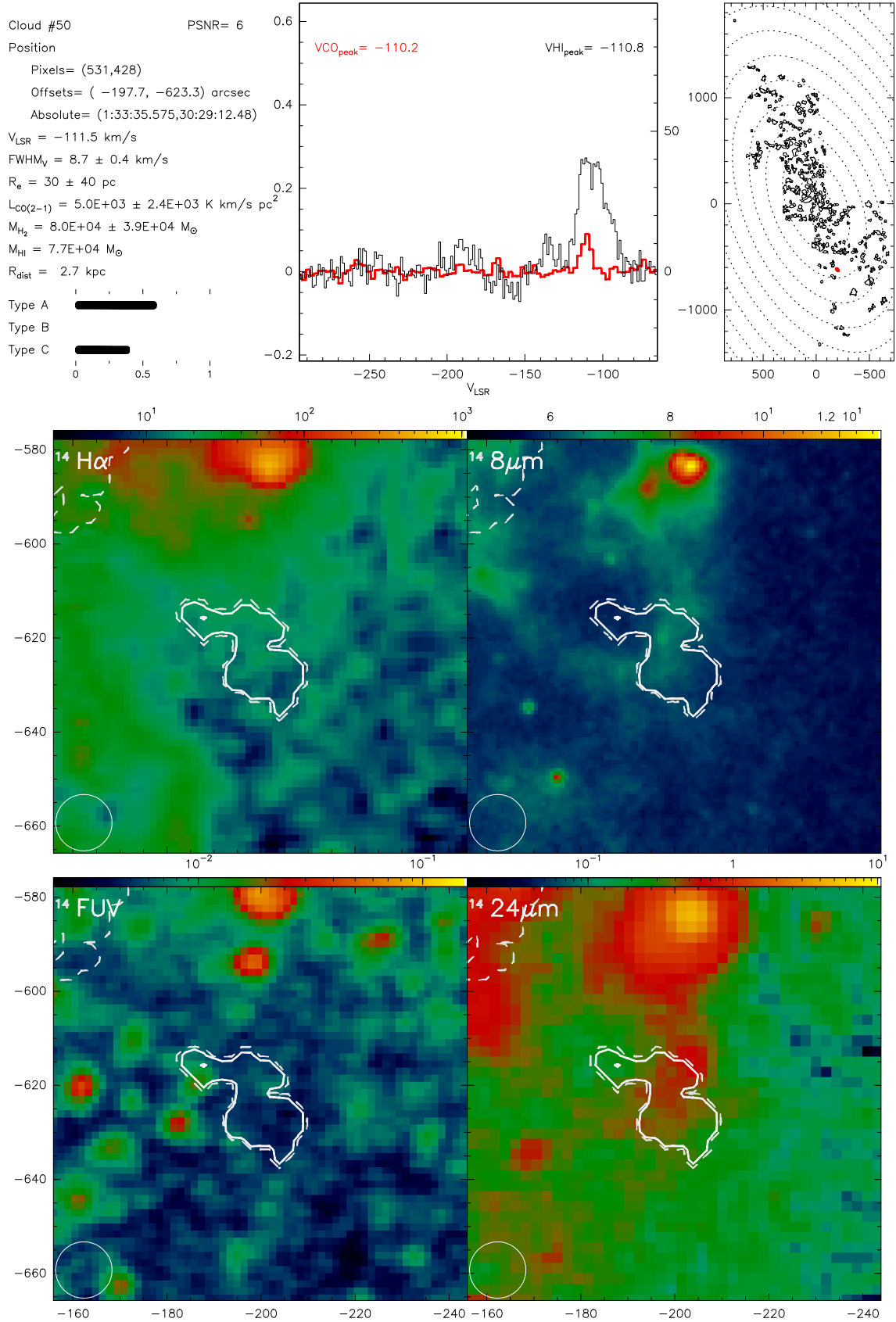


Fig. B.50. Catalogue entry for cloud 50. See description at the beginning of this appendix.

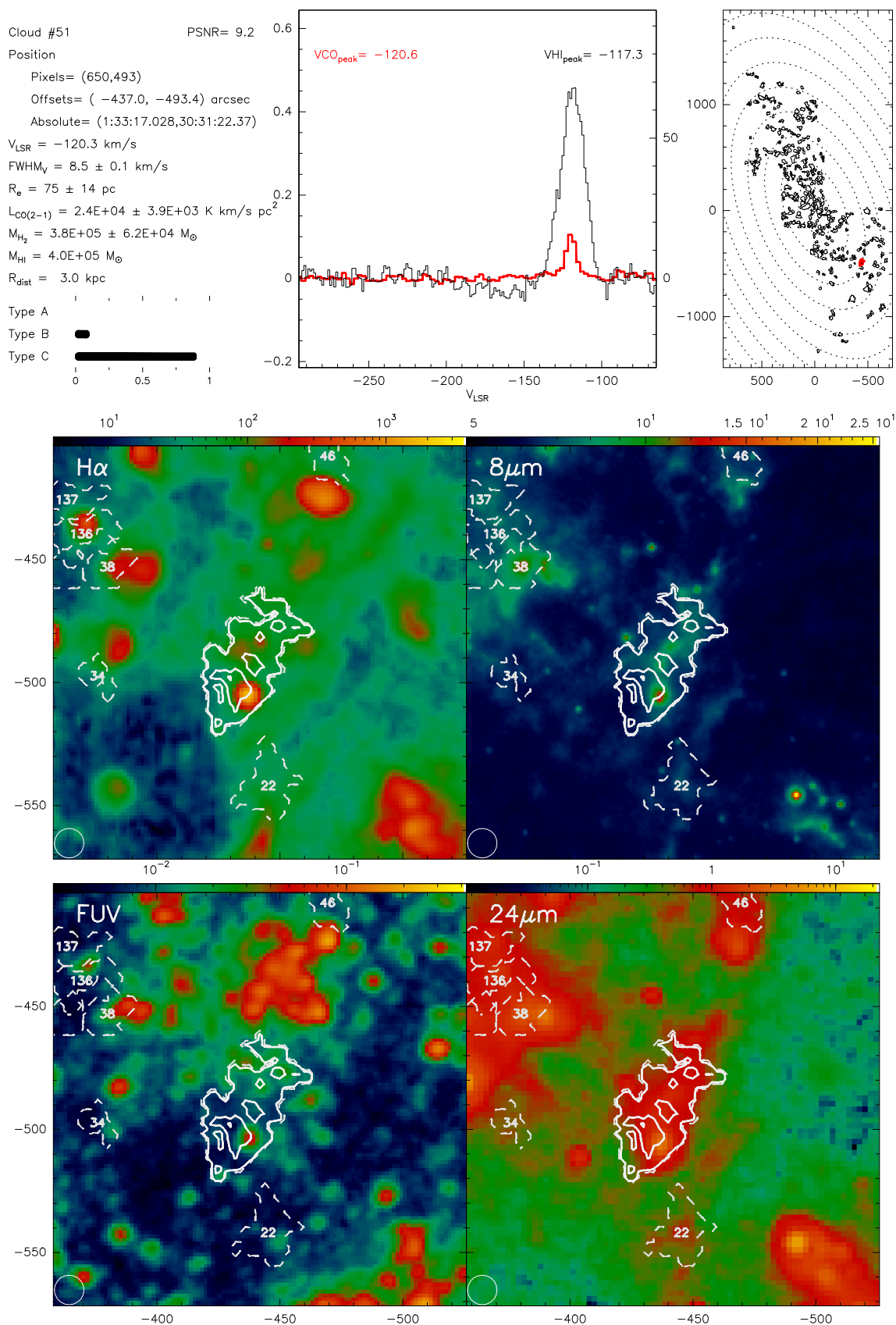


Fig. B.51. Catalogue entry for cloud 51. See description at the beginning of this appendix.

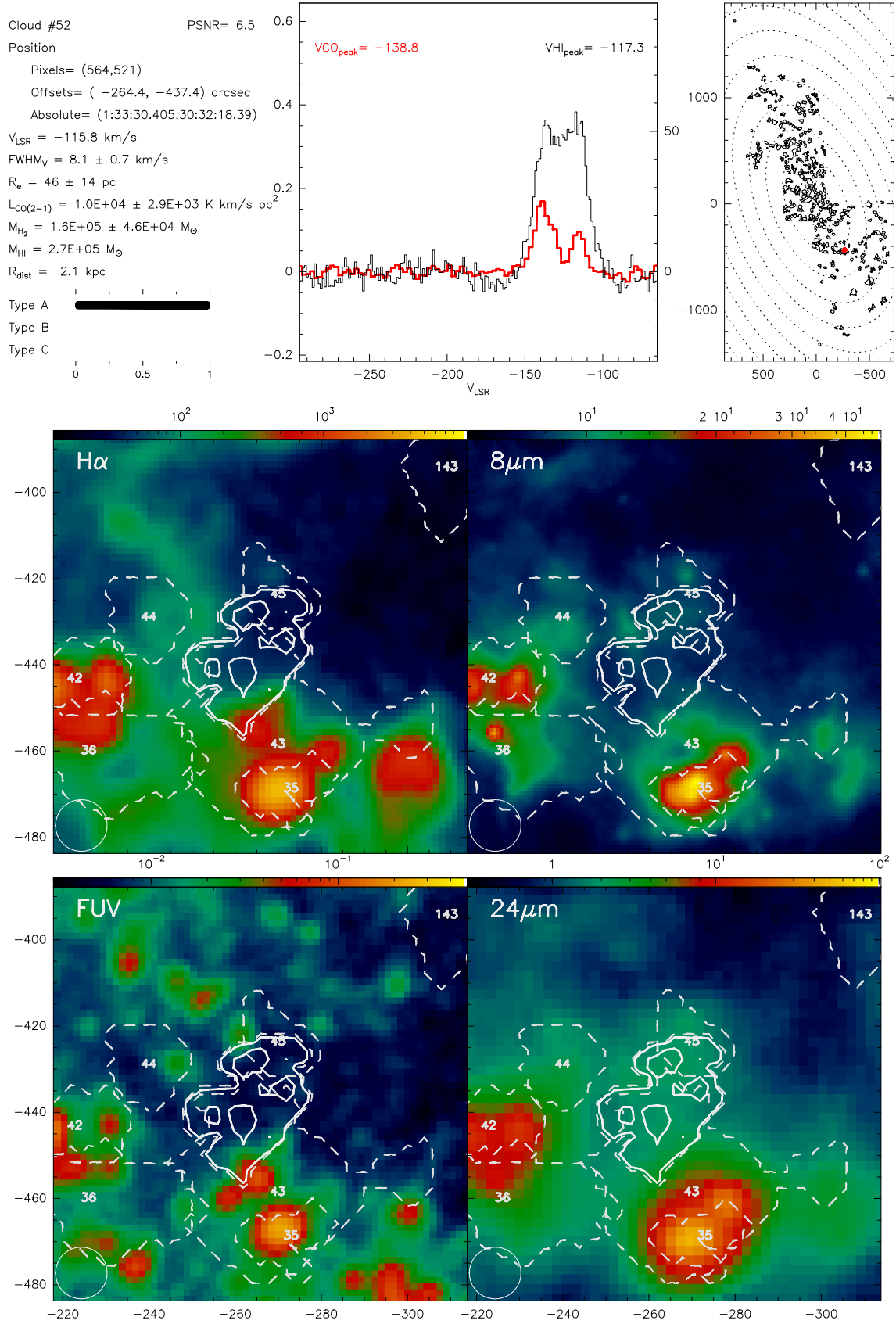


Fig. B.52. Catalogue entry for cloud 52. See description at the beginning of this appendix.

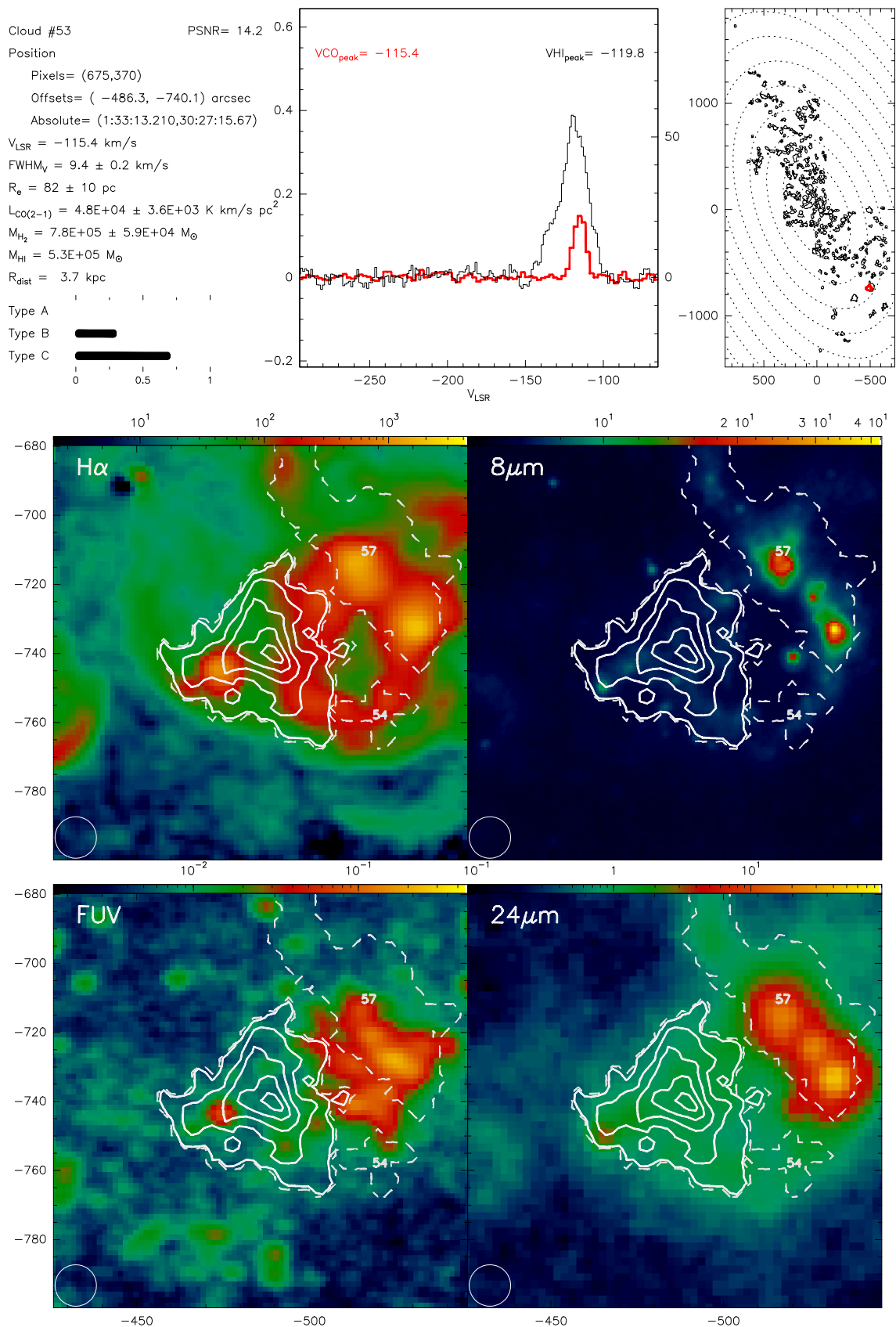


Fig. B.53. Catalogue entry for cloud 53. See description at the beginning of this appendix.

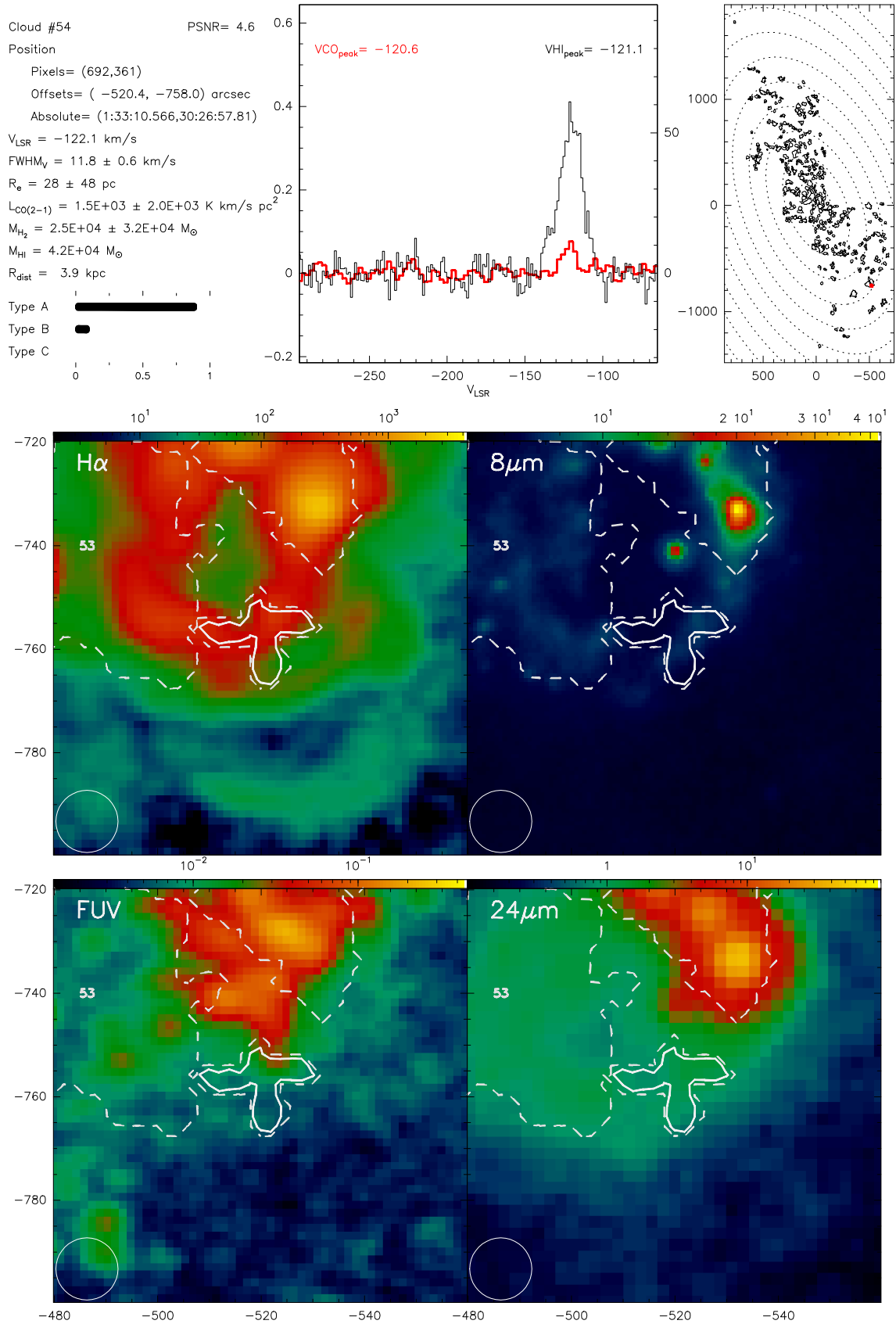


Fig. B.54. Catalogue entry for cloud 54. See description at the beginning of this appendix.

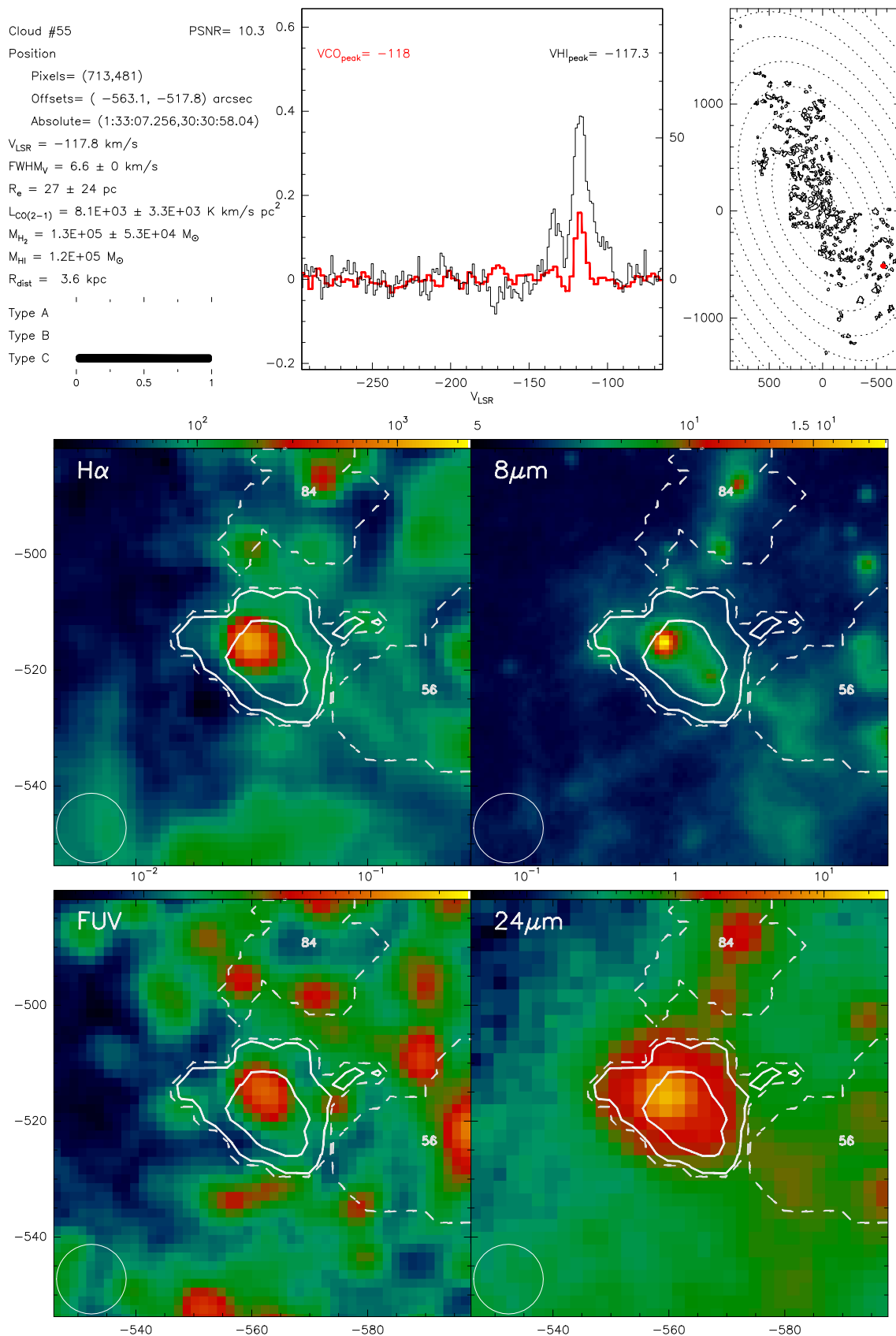


Fig. B.55. Catalogue entry for cloud 55. See description at the beginning of this appendix.

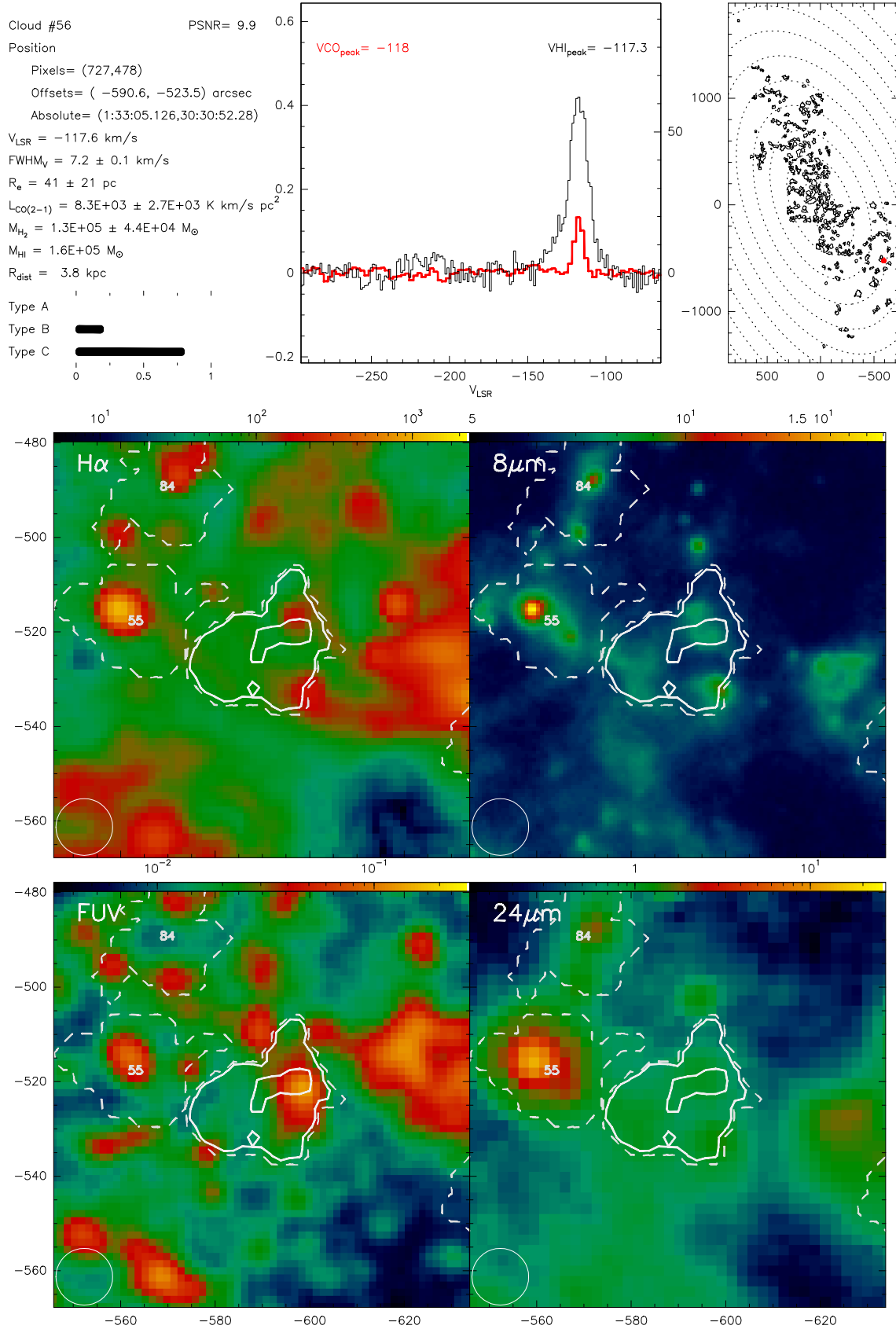


Fig. B.56. Catalogue entry for cloud 56. See description at the beginning of this appendix.

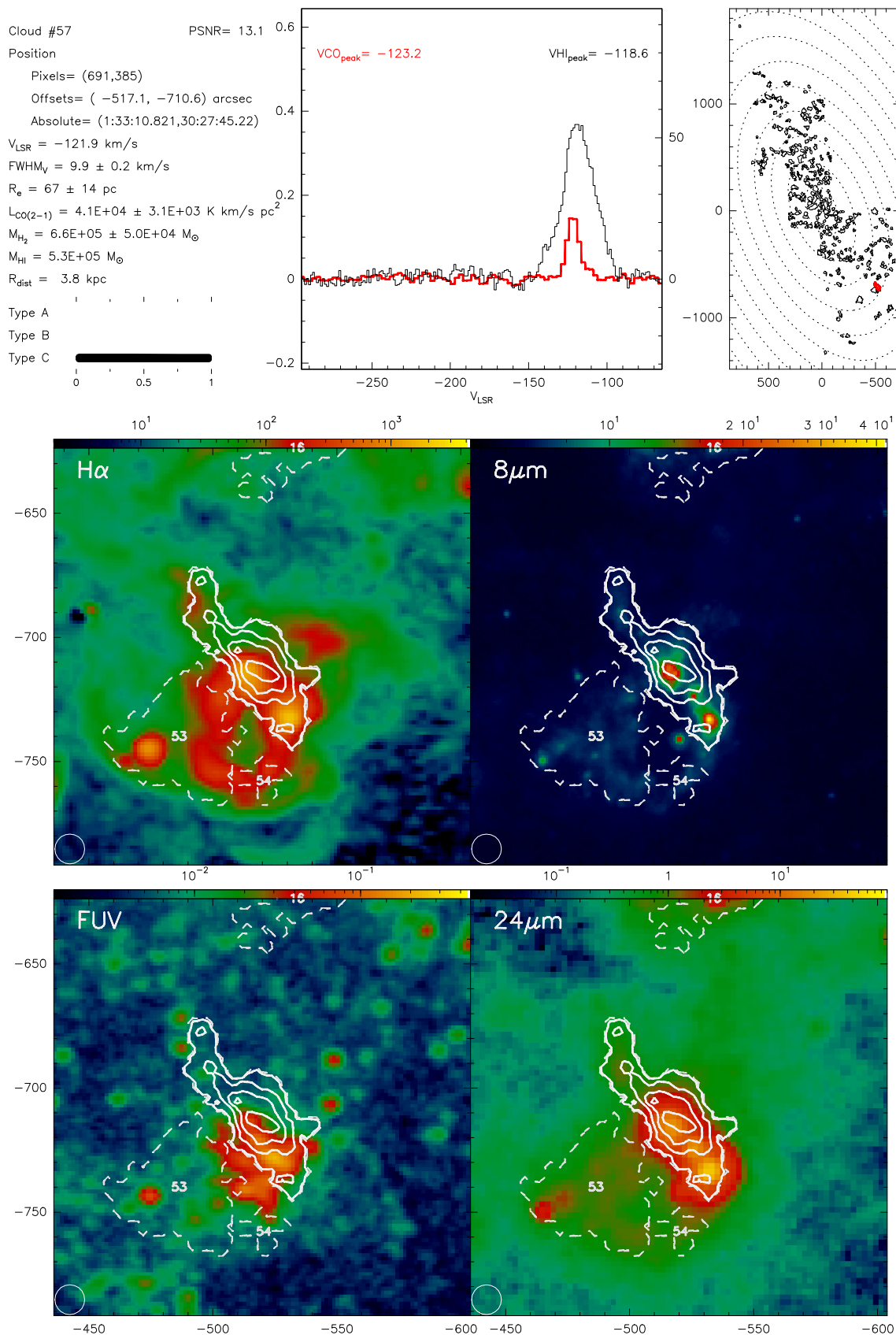


Fig. B.57. Catalogue entry for cloud 57. See description at the beginning of this appendix.

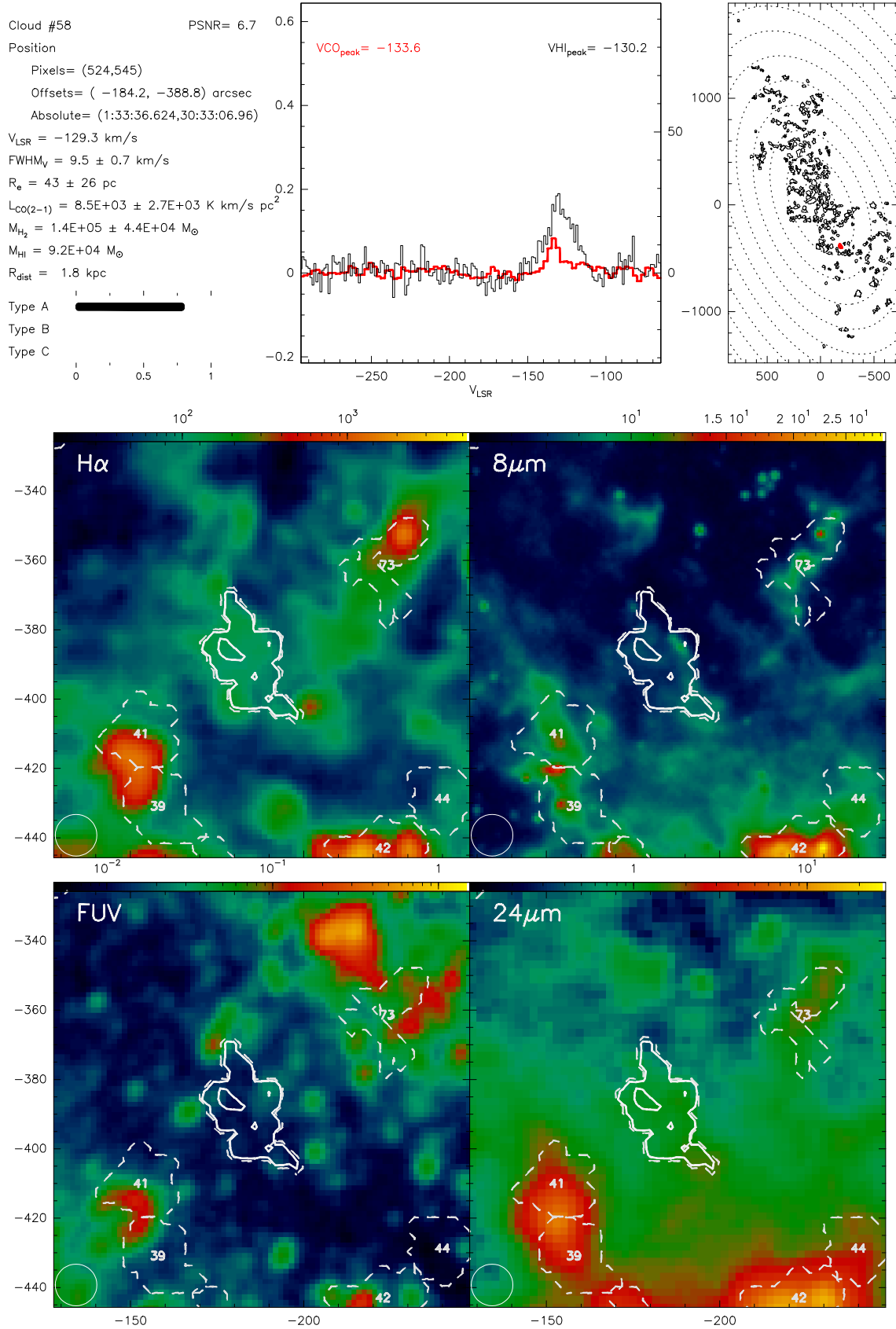


Fig. B.58. Catalogue entry for cloud 58. See description at the beginning of this appendix.

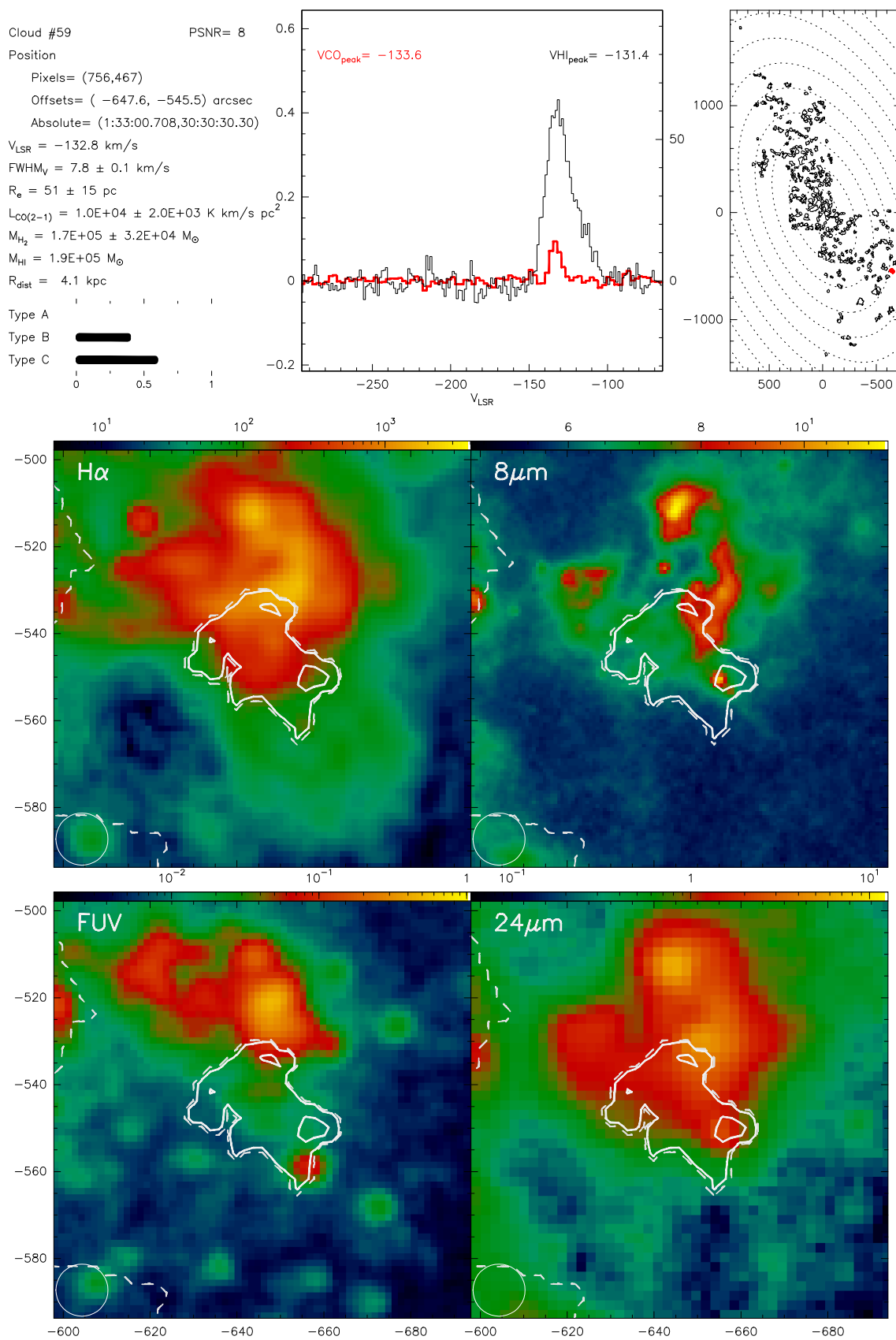


Fig. B.59. Catalogue entry for cloud 59. See description at the beginning of this appendix.

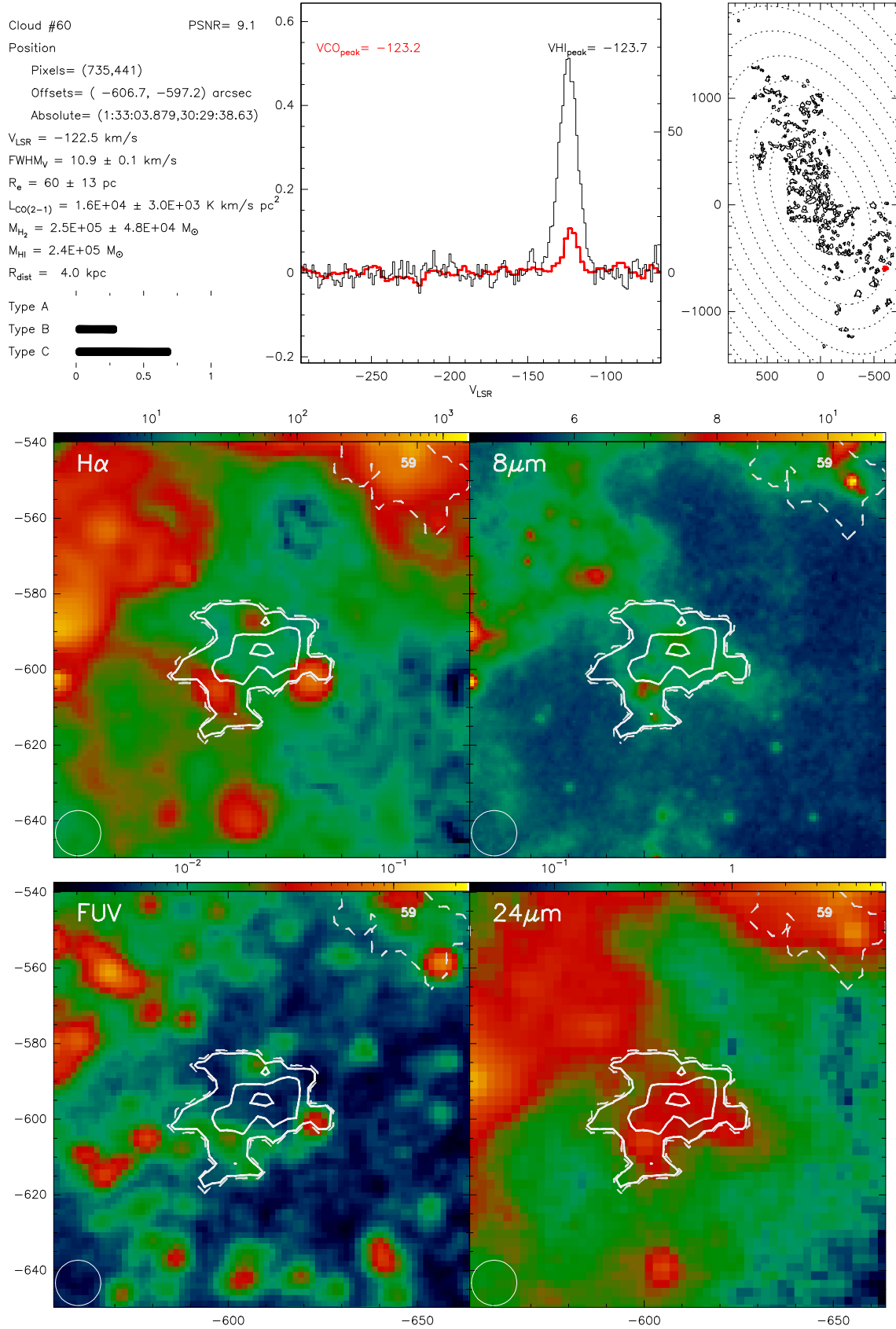


Fig. B.60. Catalogue entry for cloud 60. See description at the beginning of this appendix.

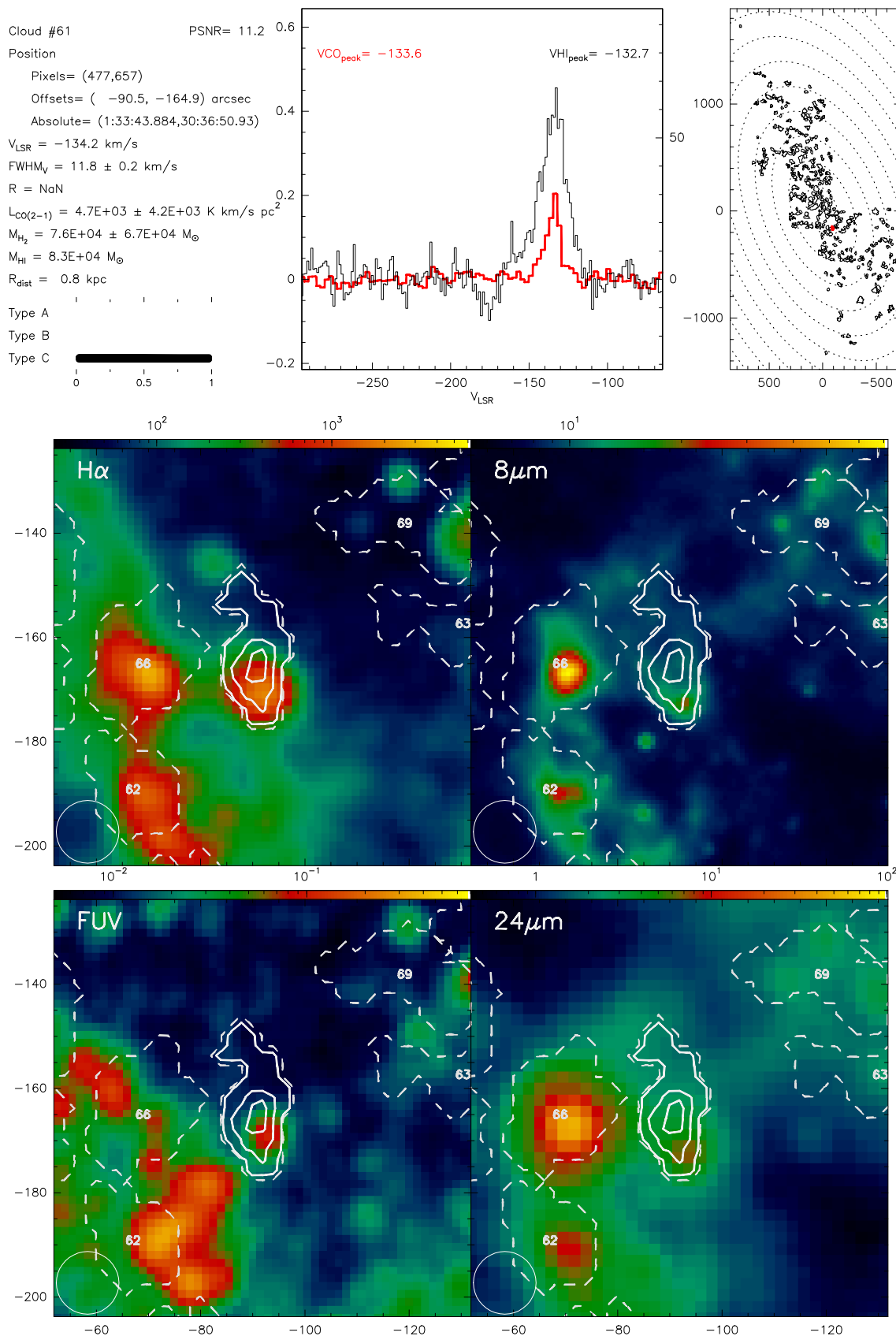


Fig. B.61. Catalogue entry for cloud 61. See description at the beginning of this appendix.

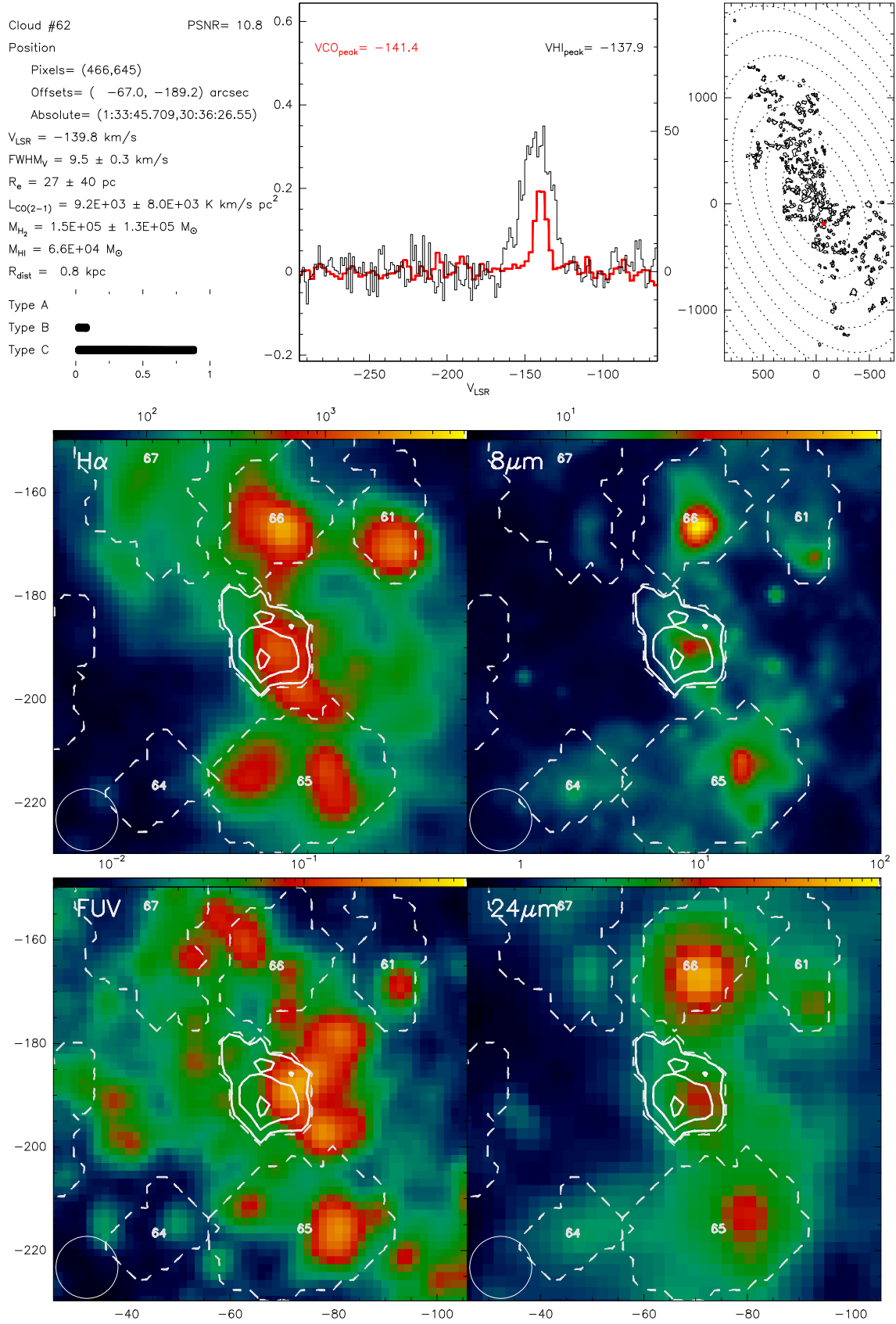


Fig. B.62. Catalogue entry for cloud 62. See description at the beginning of this appendix.

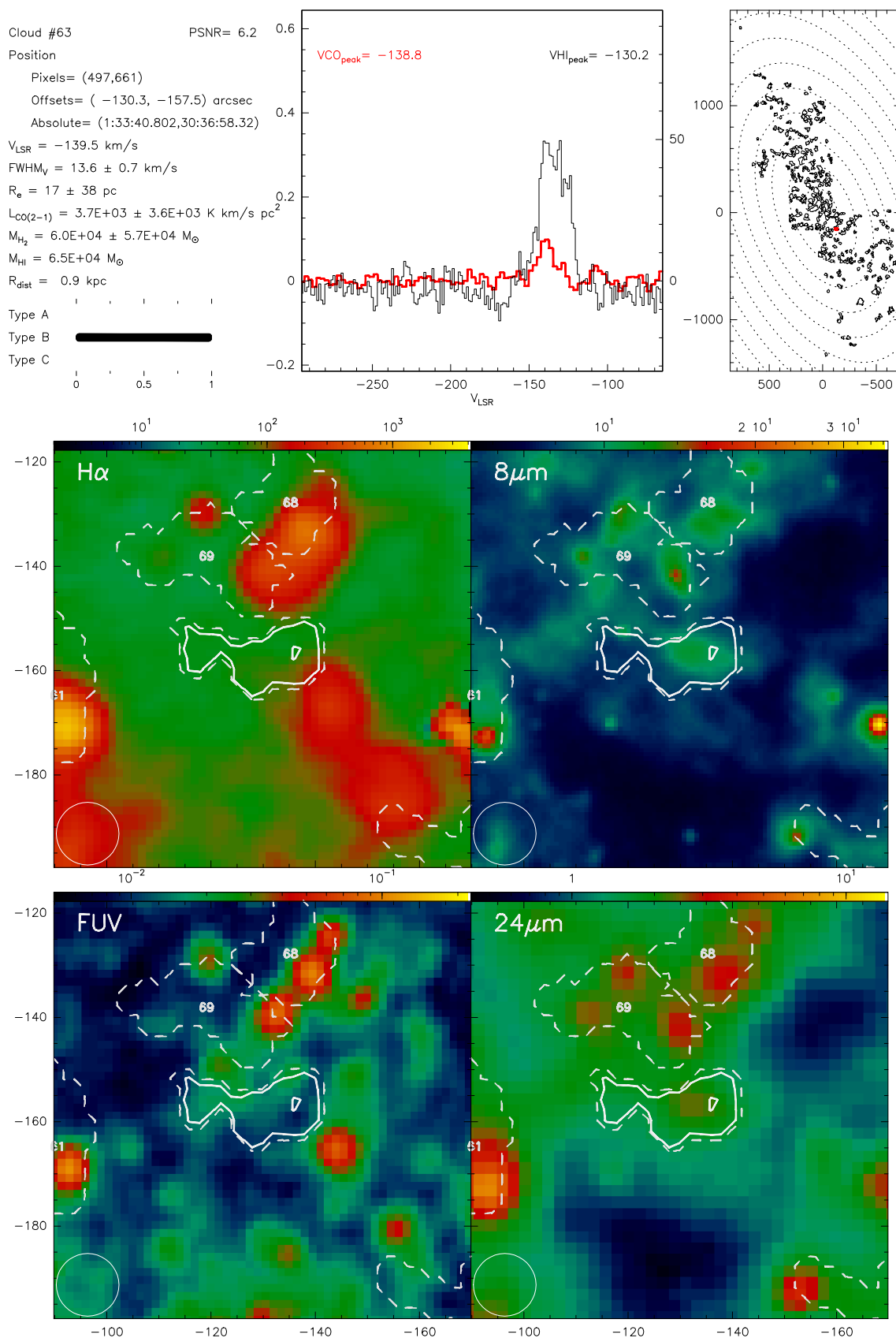


Fig. B.63. Catalogue entry for cloud 63. See description at the beginning of this appendix.

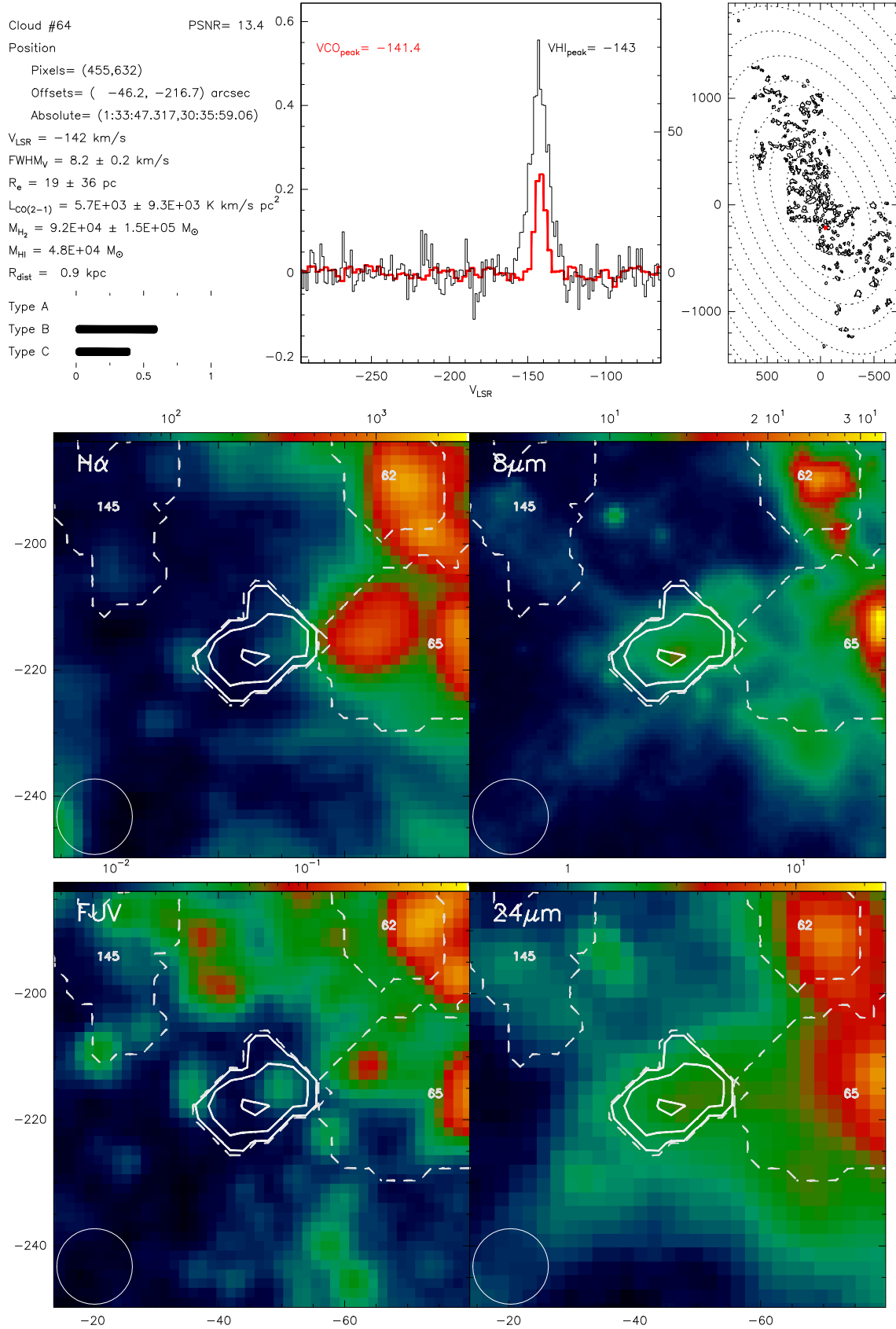


Fig. B.64. Catalogue entry for cloud 64. See description at the beginning of this appendix.

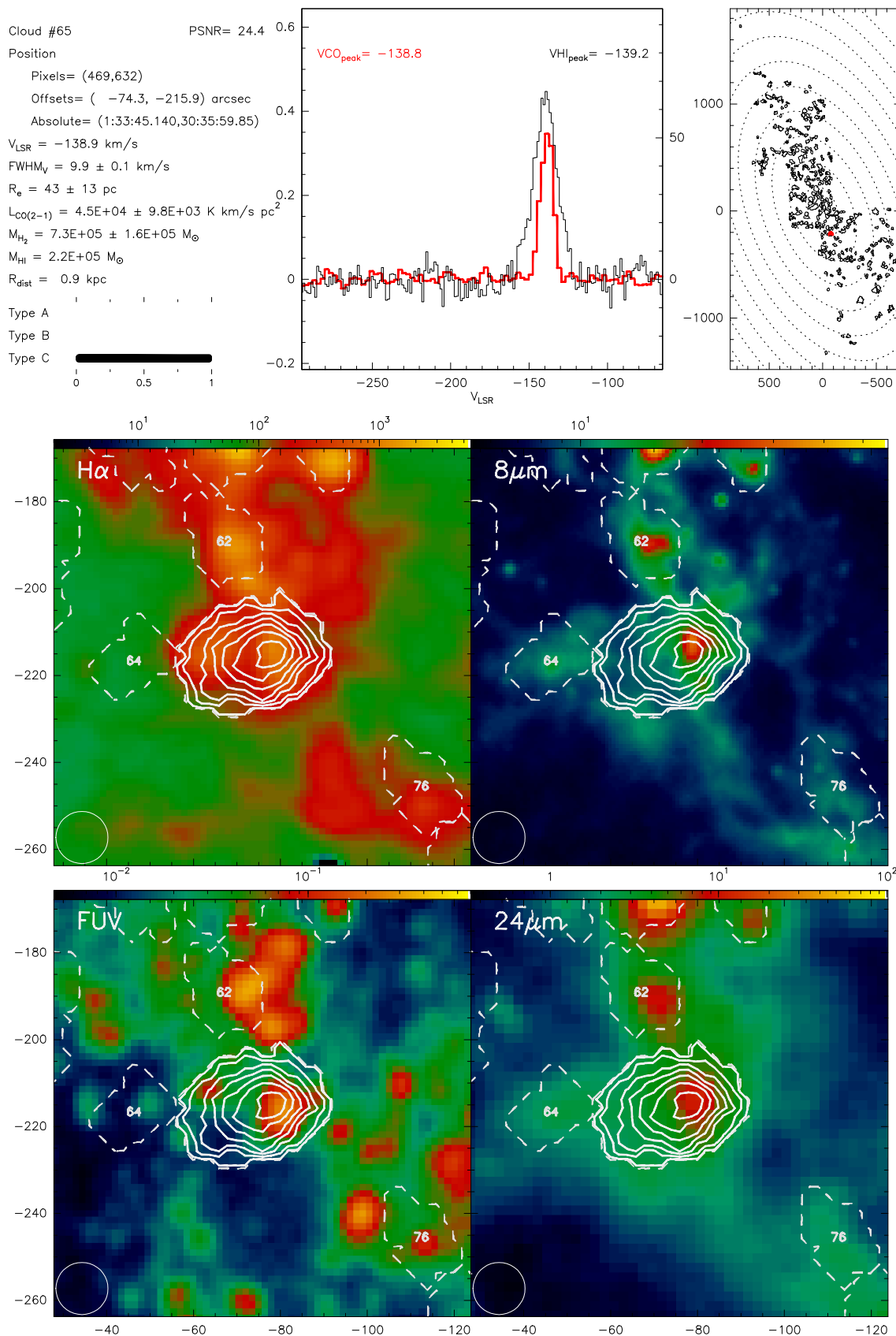


Fig. B.65. Catalogue entry for cloud 65. See description at the beginning of this appendix.

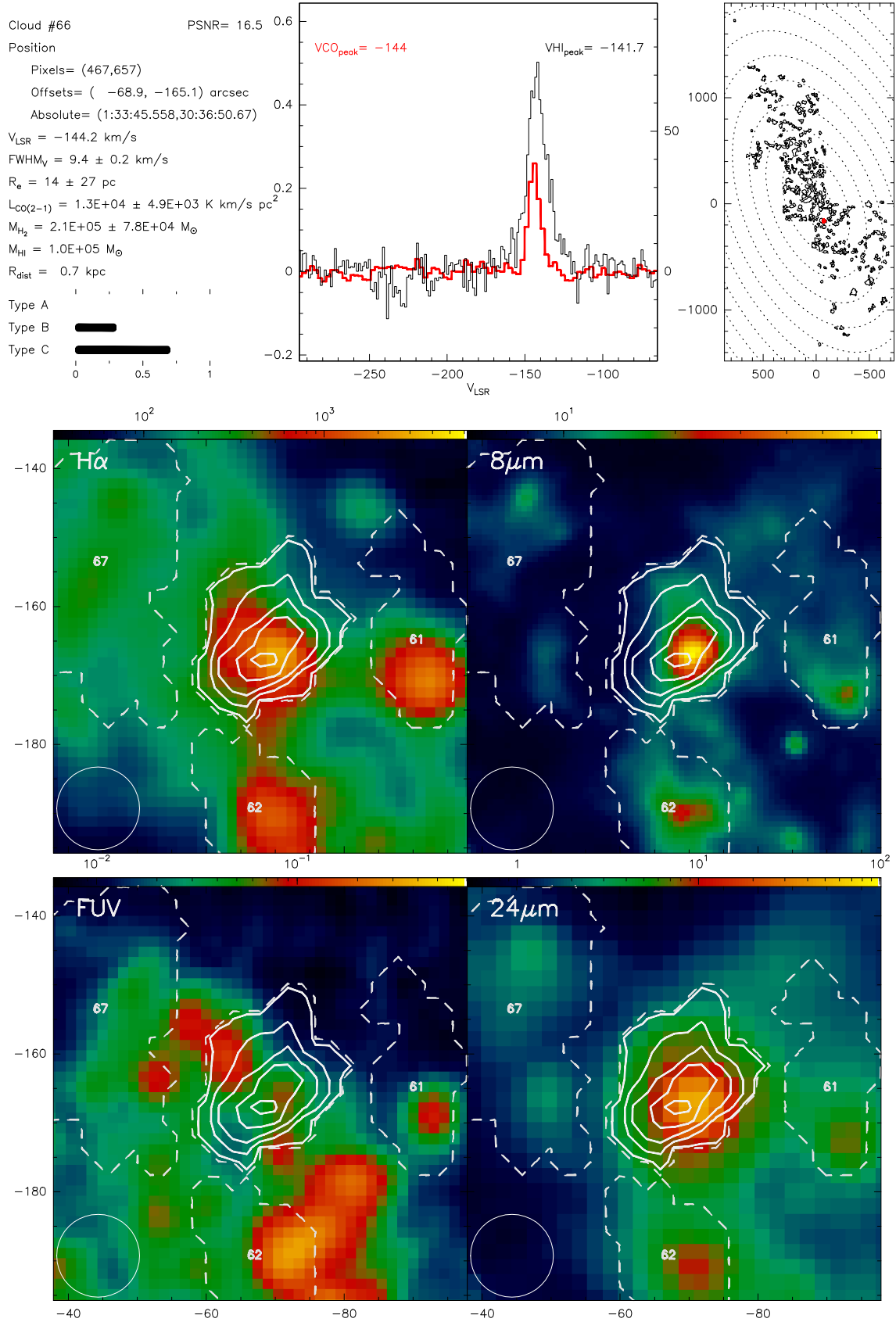


Fig. B.66. Catalogue entry for cloud 66. See description at the beginning of this appendix.

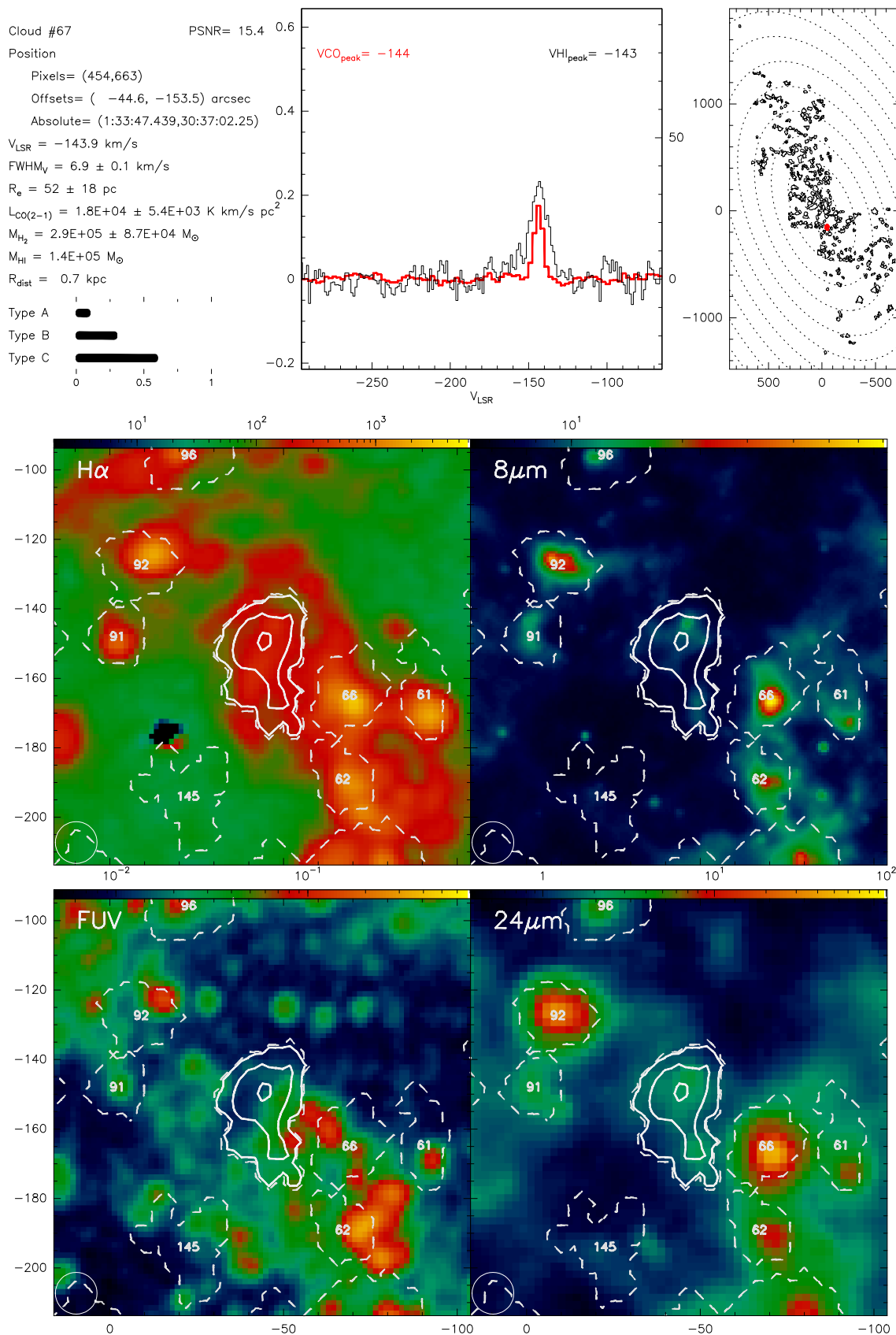


Fig. B.67. Catalogue entry for cloud 67. See description at the beginning of this appendix.

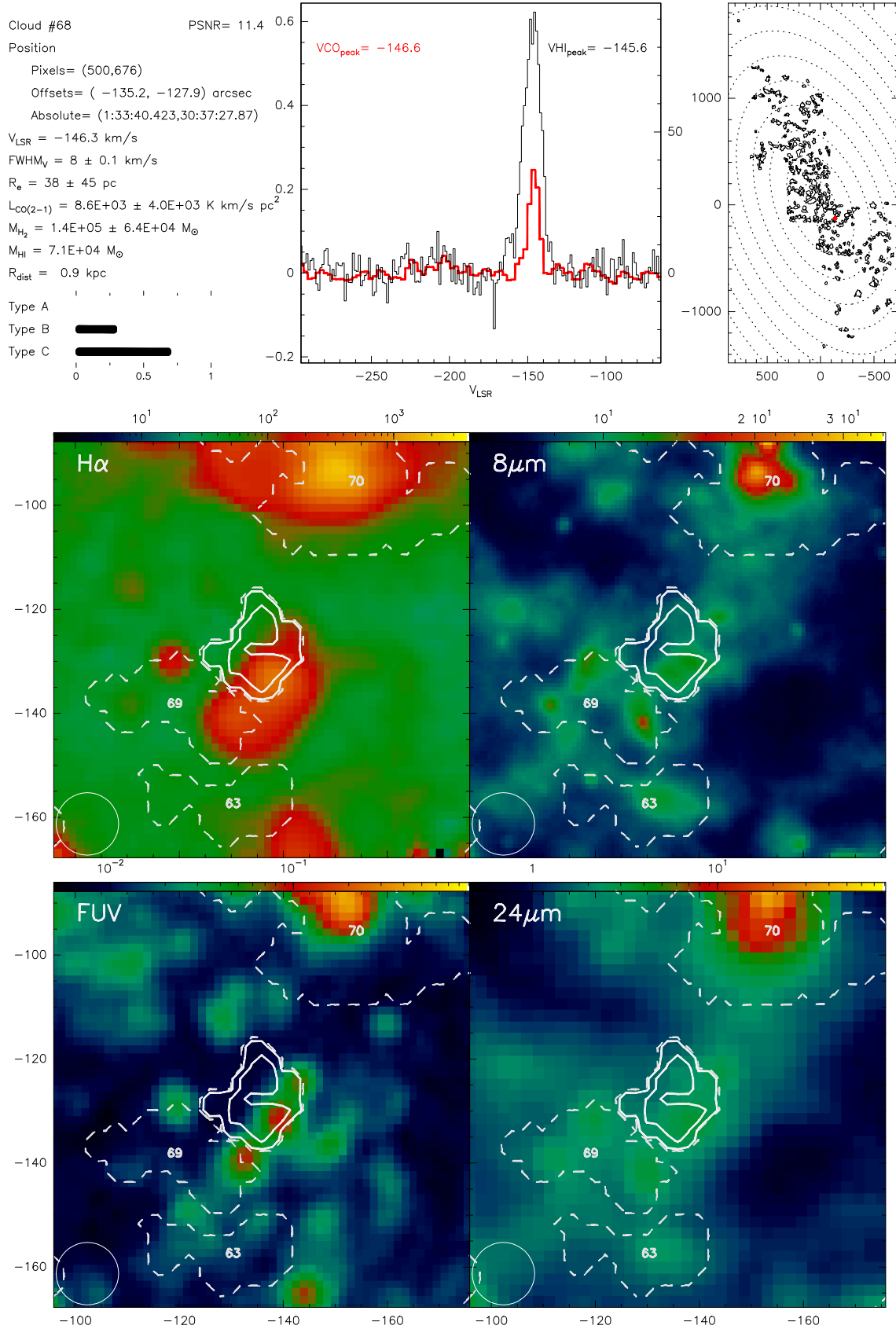


Fig. B.68. Catalogue entry for cloud 68. See description at the beginning of this appendix.

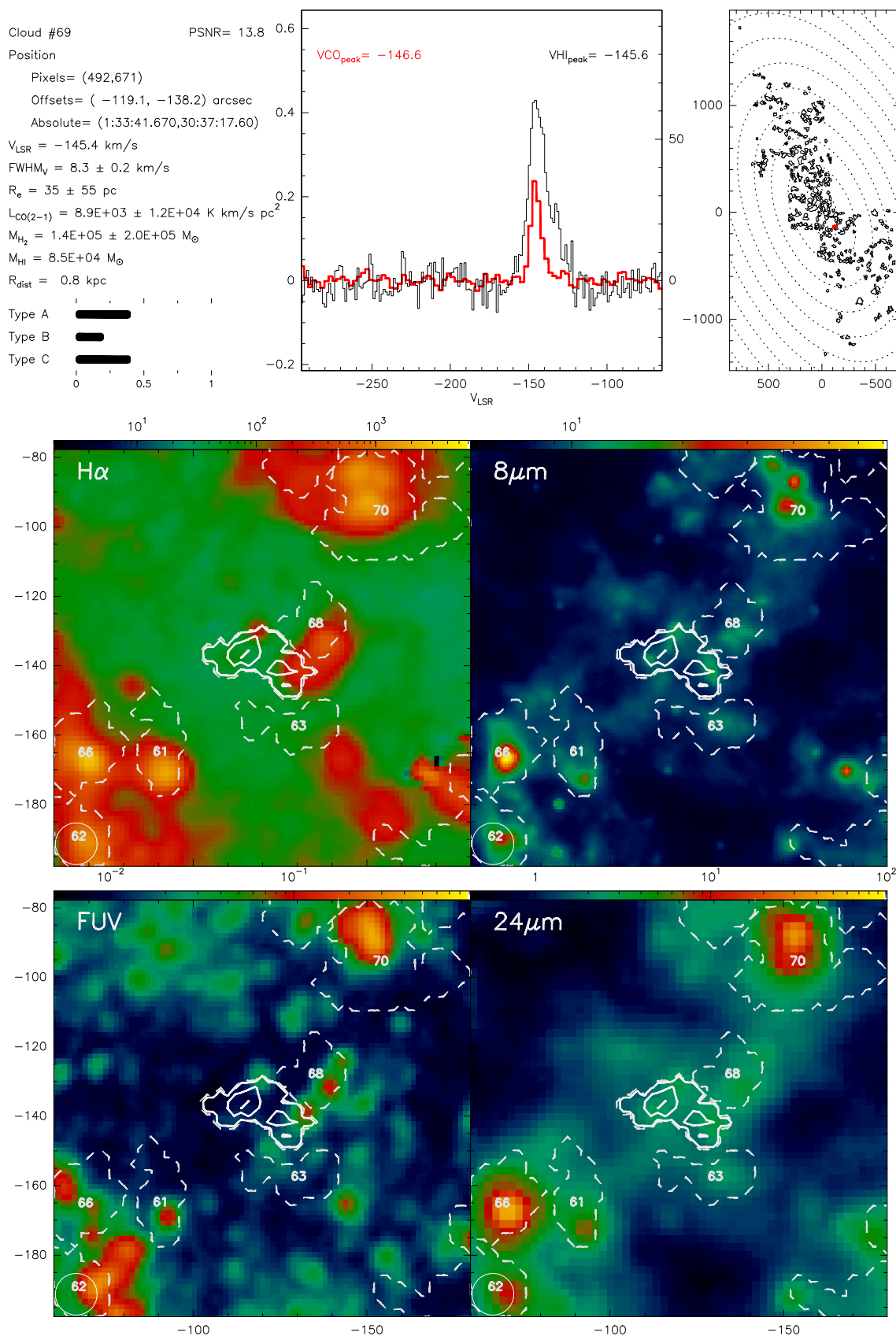


Fig. B.69. Catalogue entry for cloud 69. See description at the beginning of this appendix.

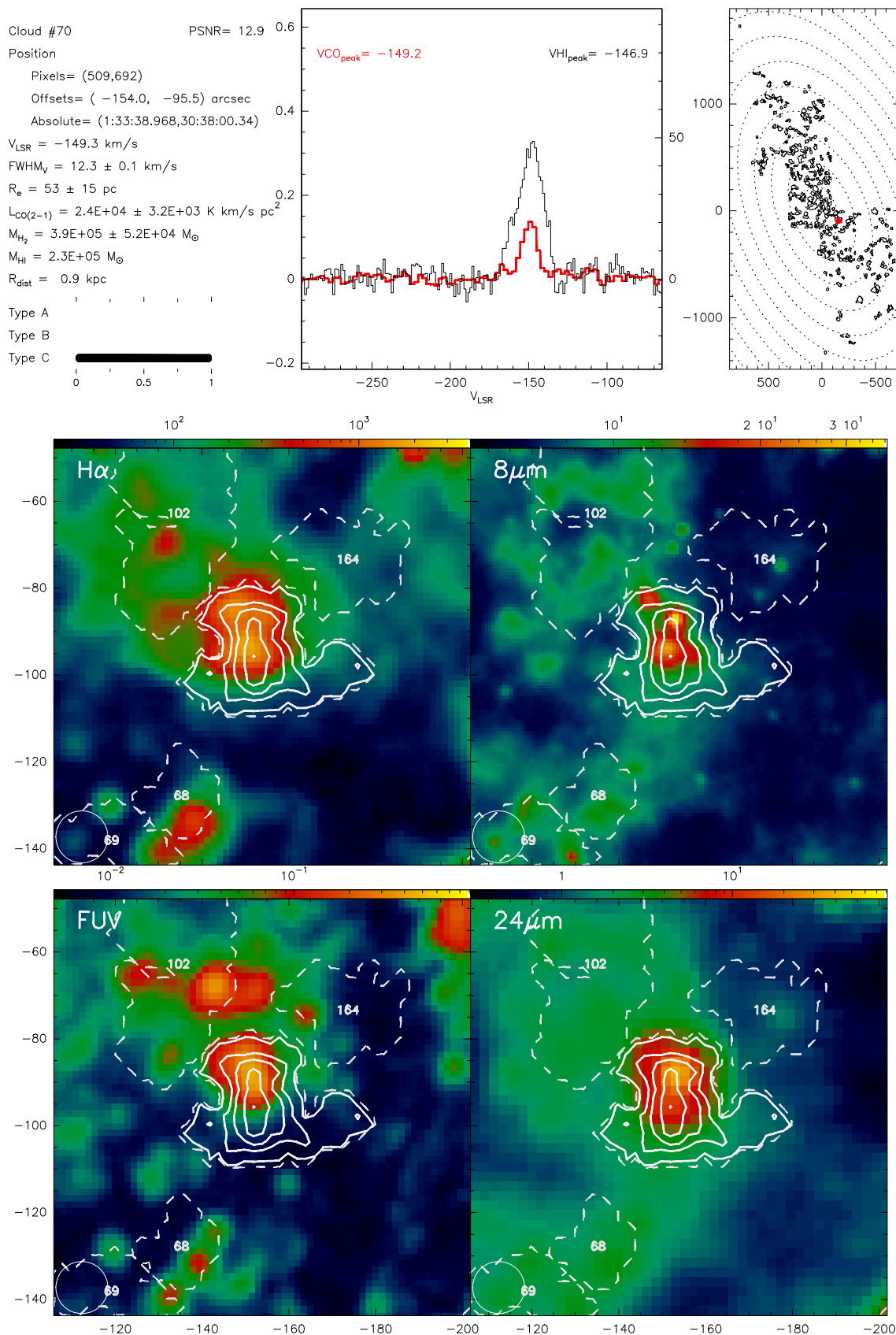


Fig. B.70. Catalogue entry for cloud 70. See description at the beginning of this appendix.

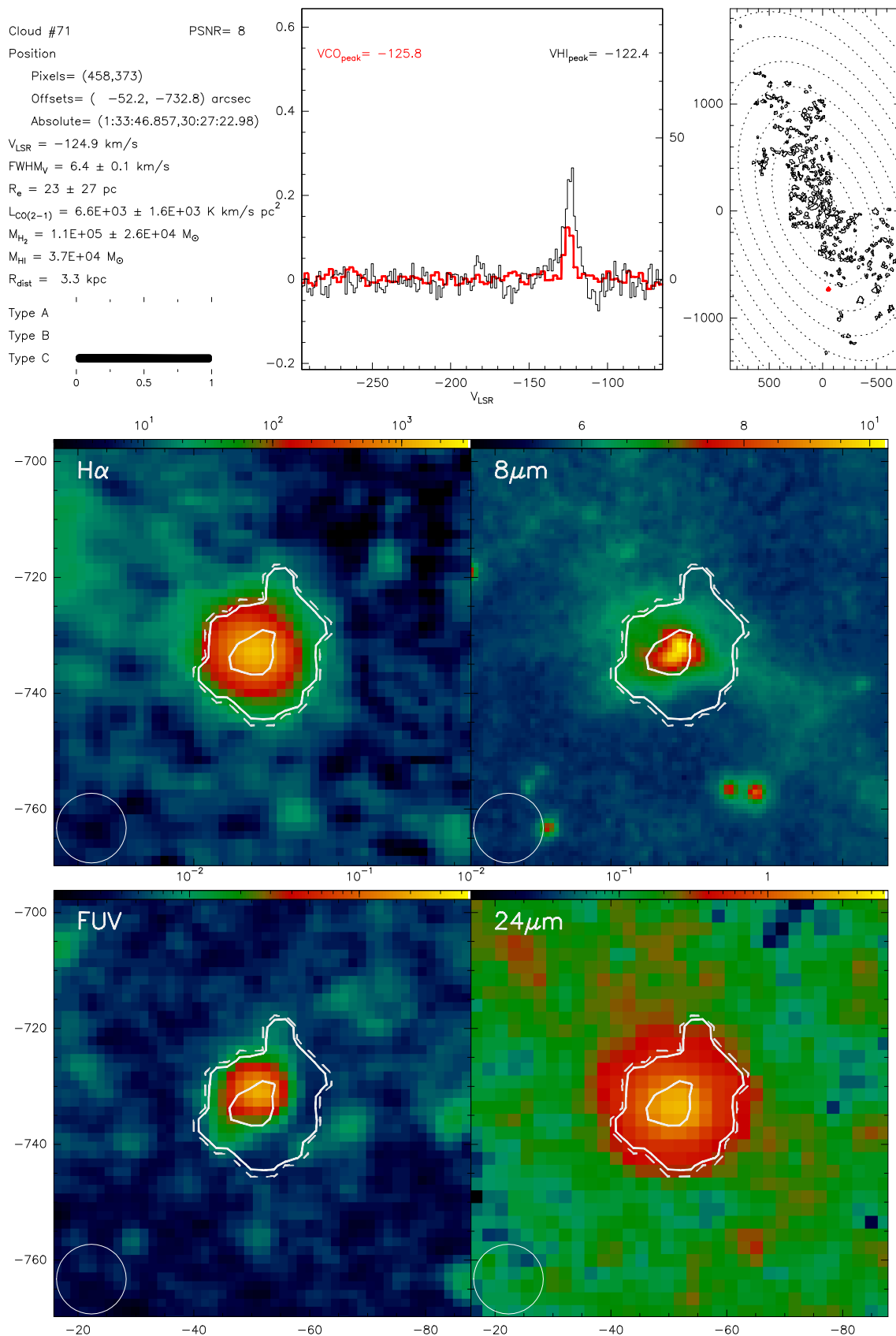


Fig. B.71. Catalogue entry for cloud 71. See description at the beginning of this appendix.

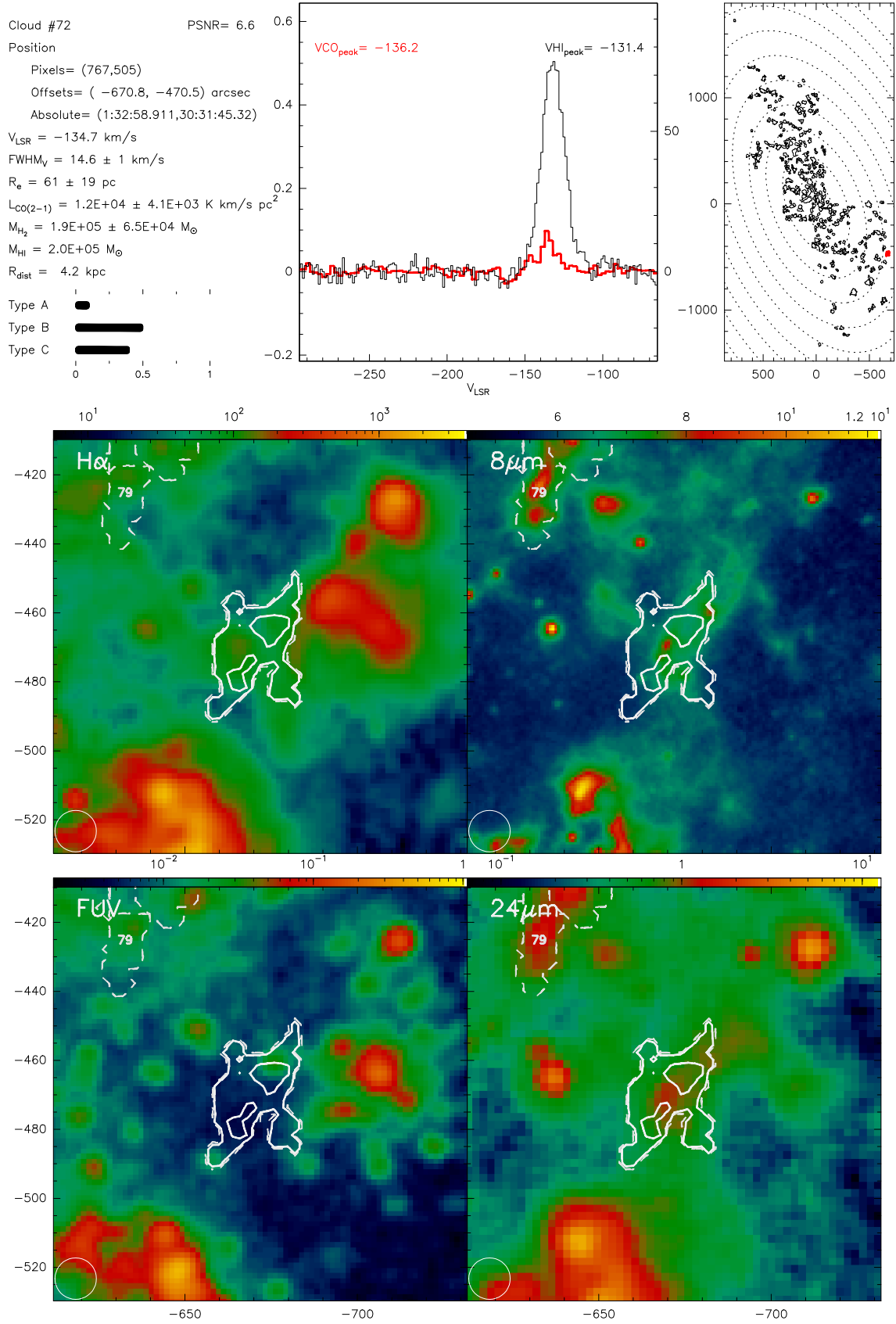


Fig. B.72. Catalogue entry for cloud 72. See description at the beginning of this appendix.

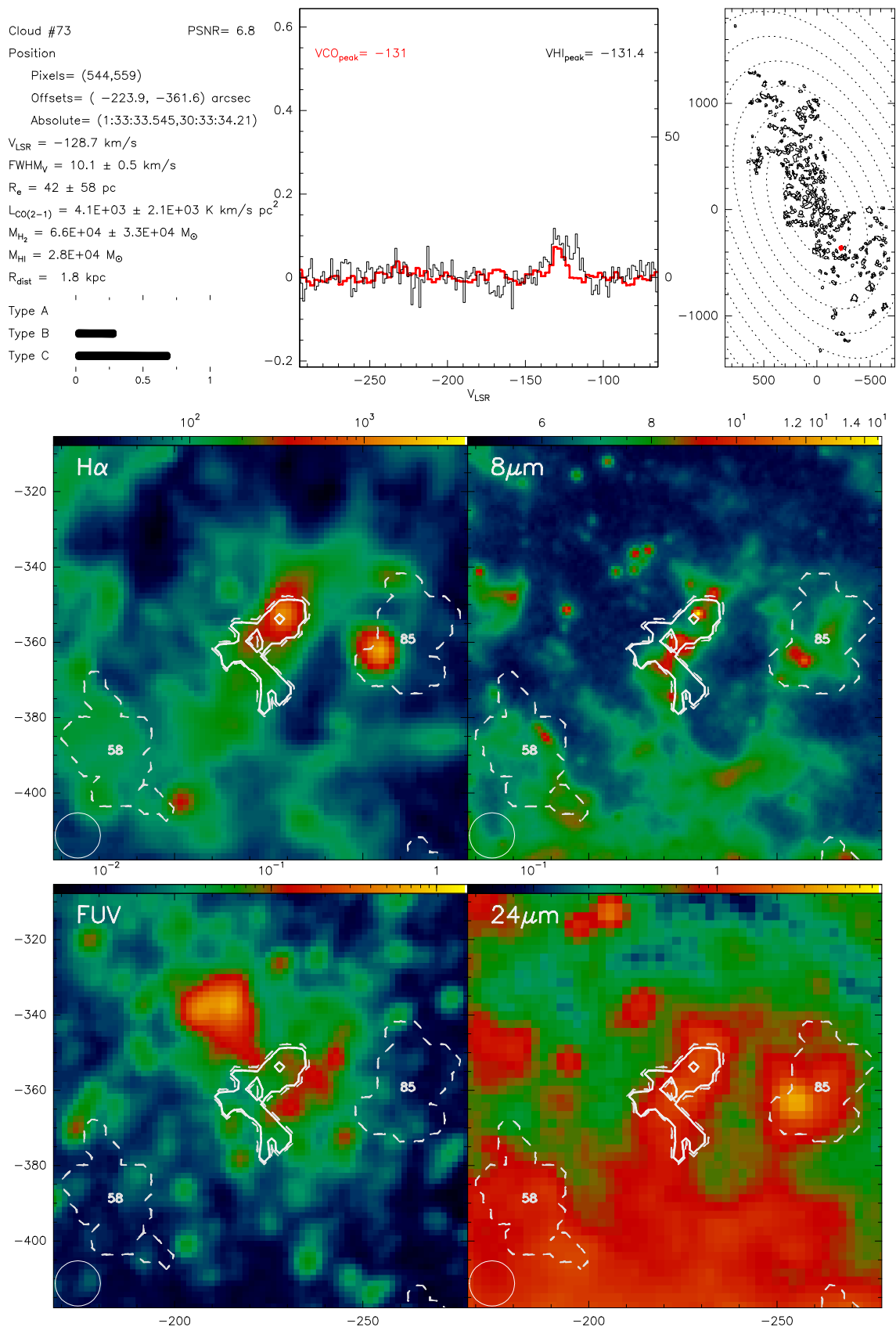


Fig. B.73. Catalogue entry for cloud 73. See description at the beginning of this appendix.

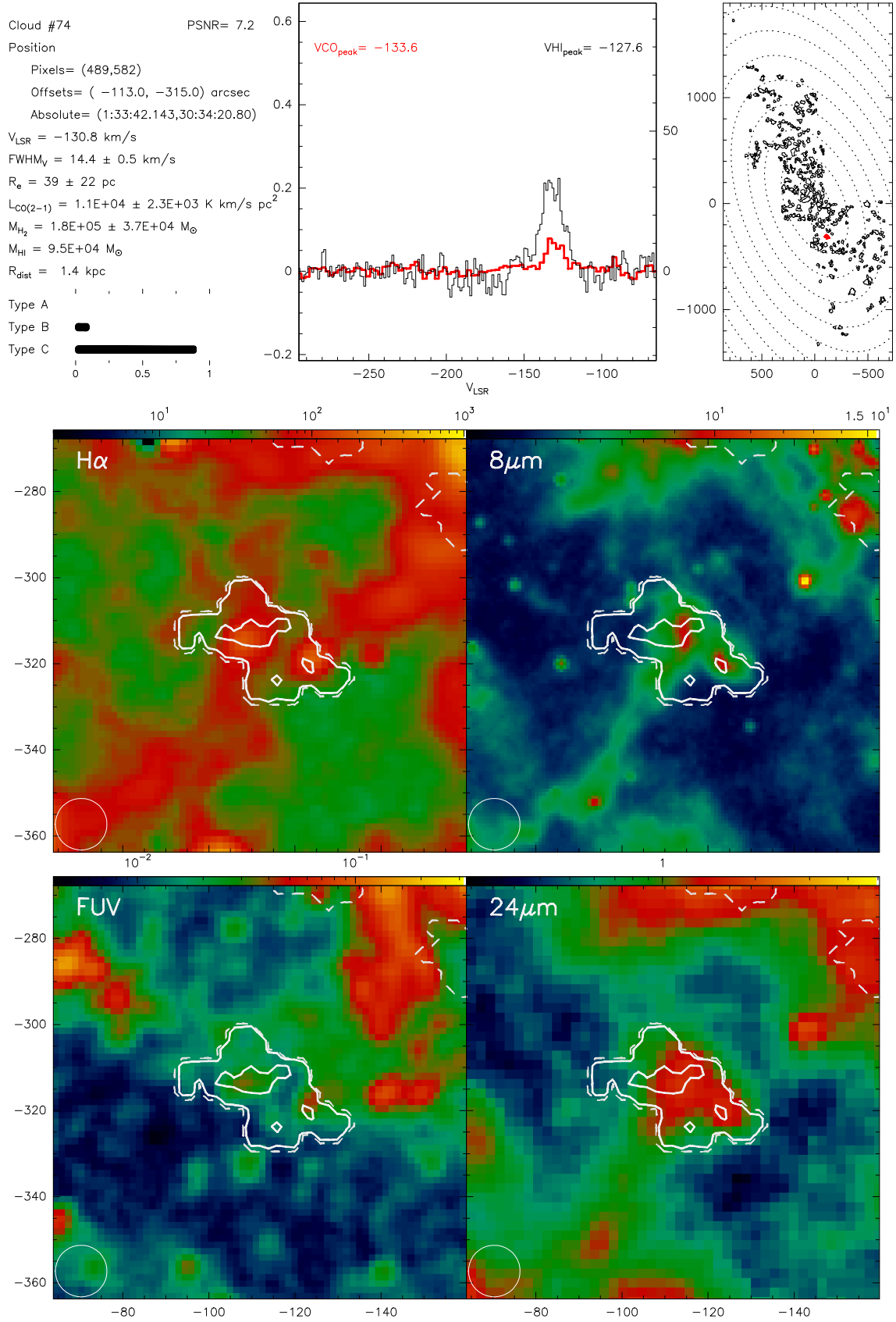


Fig. B.74. Catalogue entry for cloud 74. See description at the beginning of this appendix.

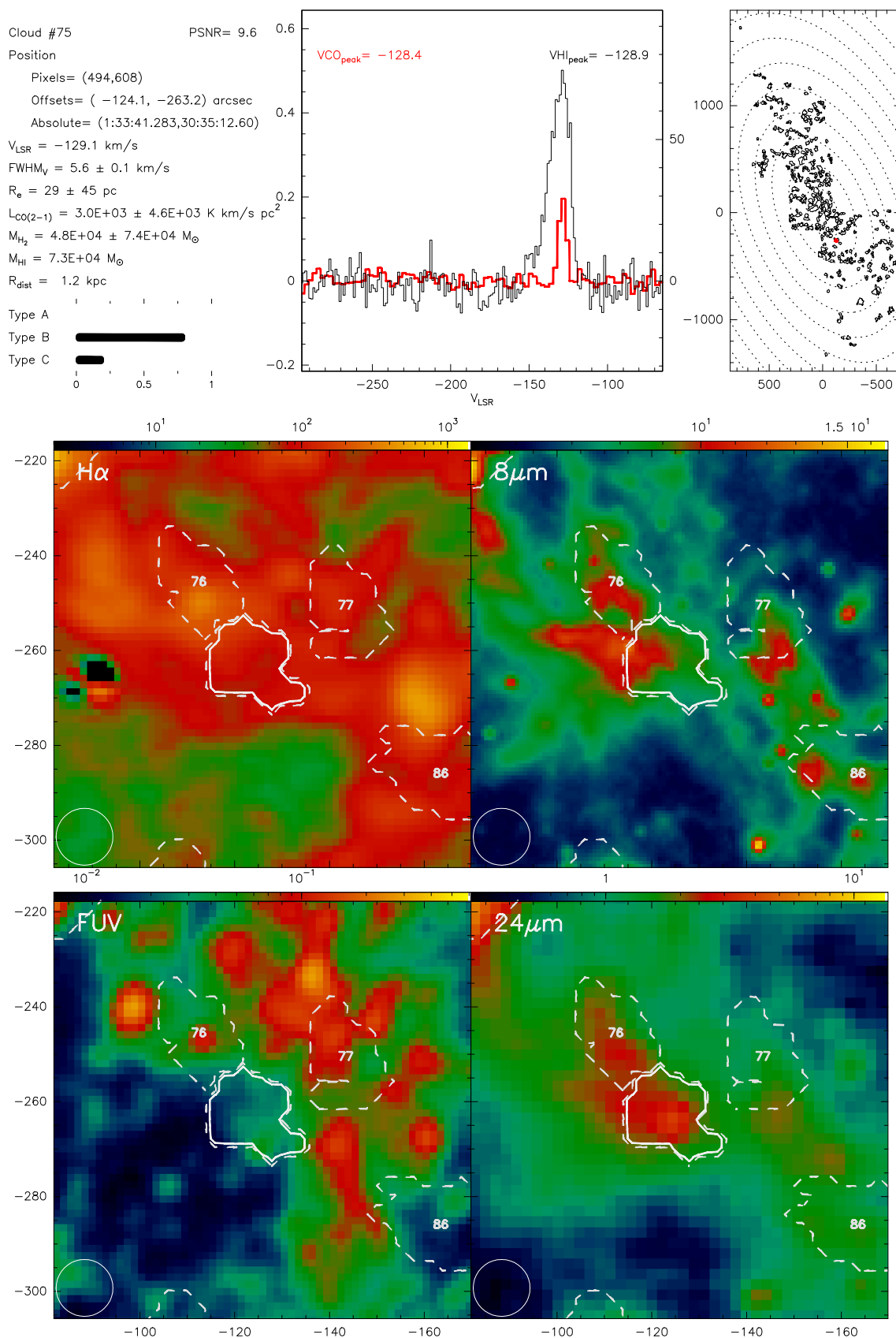


Fig. B.75. Catalogue entry for cloud 75. See description at the beginning of this appendix.

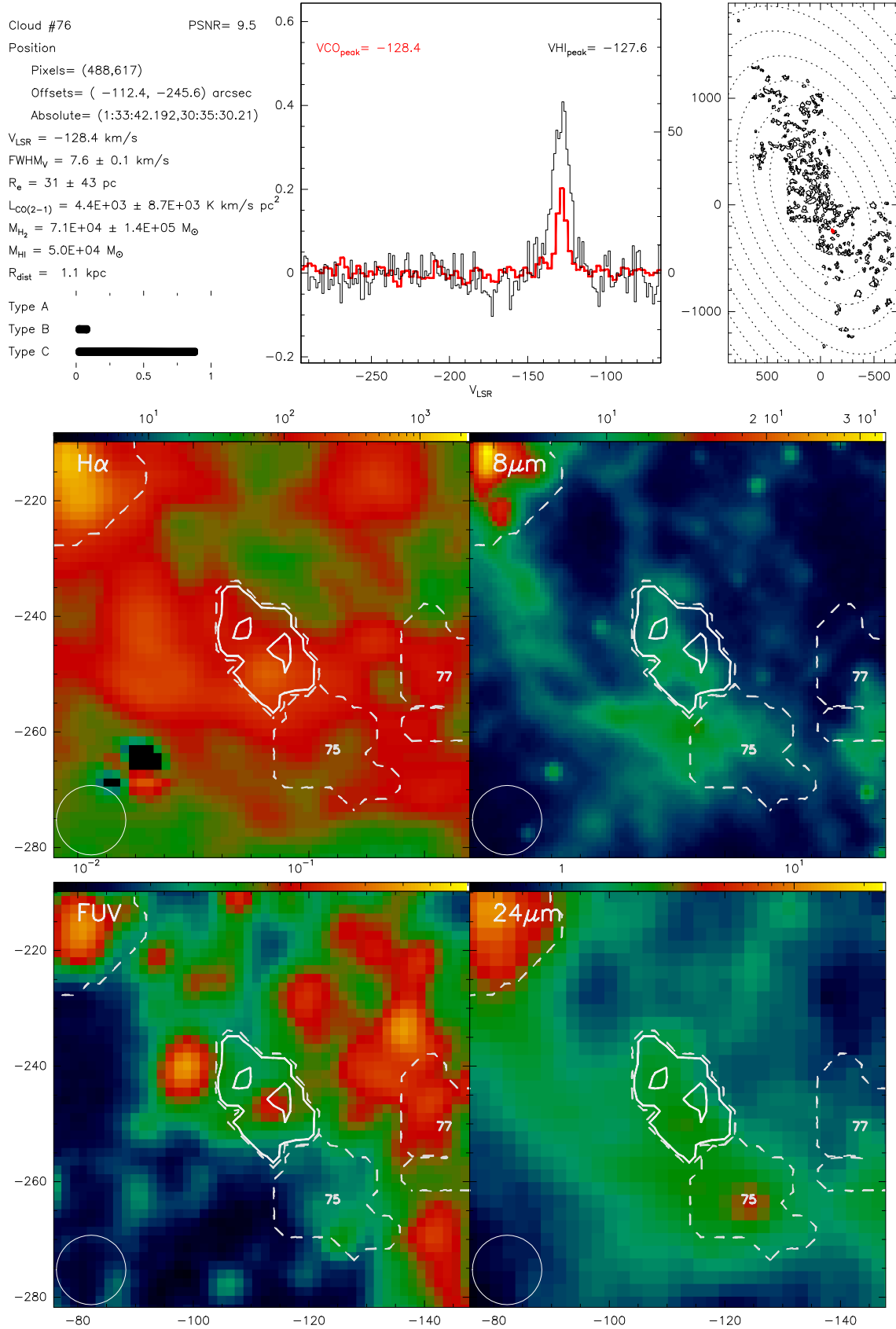


Fig. B.76. Catalogue entry for cloud 76. See description at the beginning of this appendix.

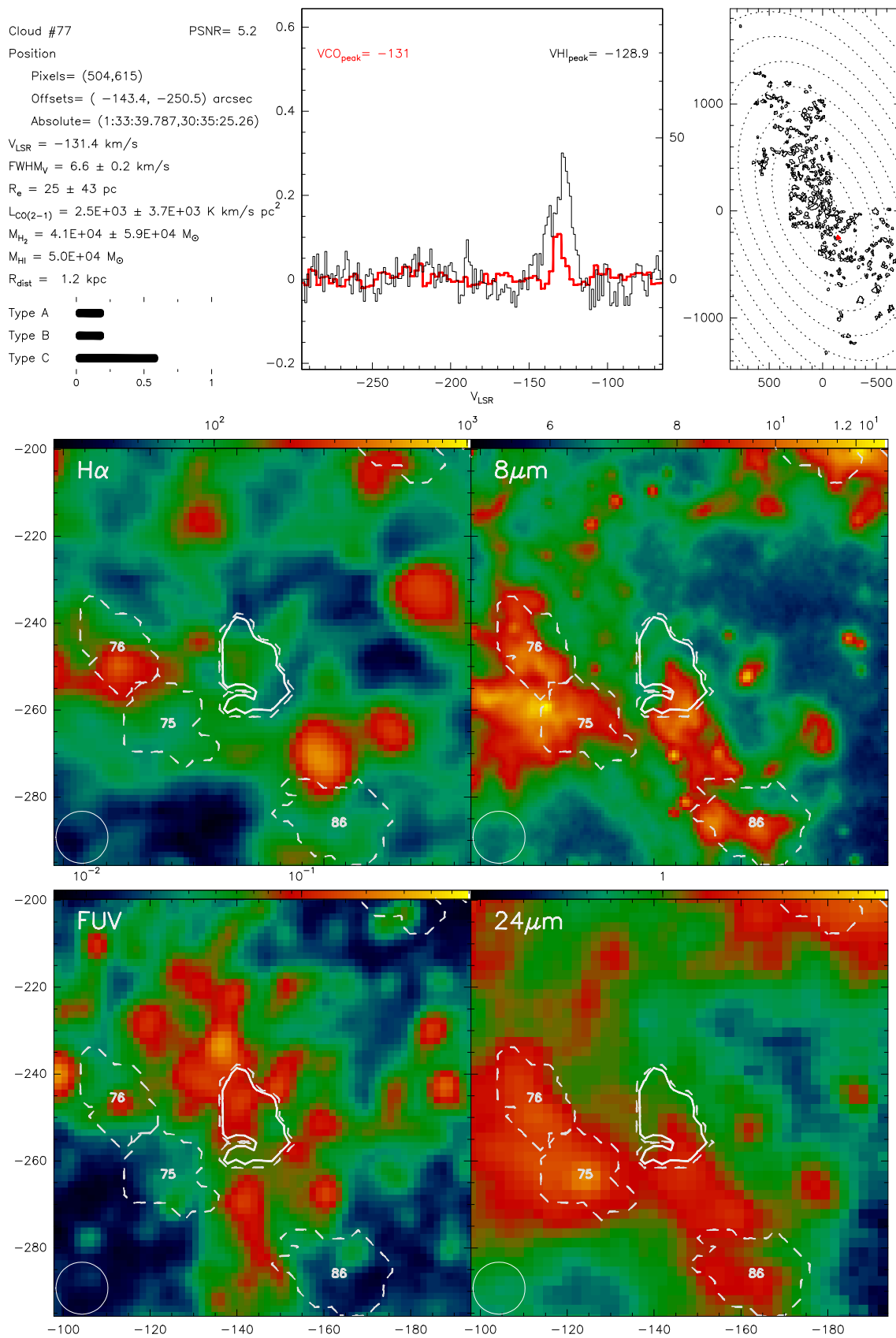


Fig. B.77. Catalogue entry for cloud 77. See description at the beginning of this appendix.

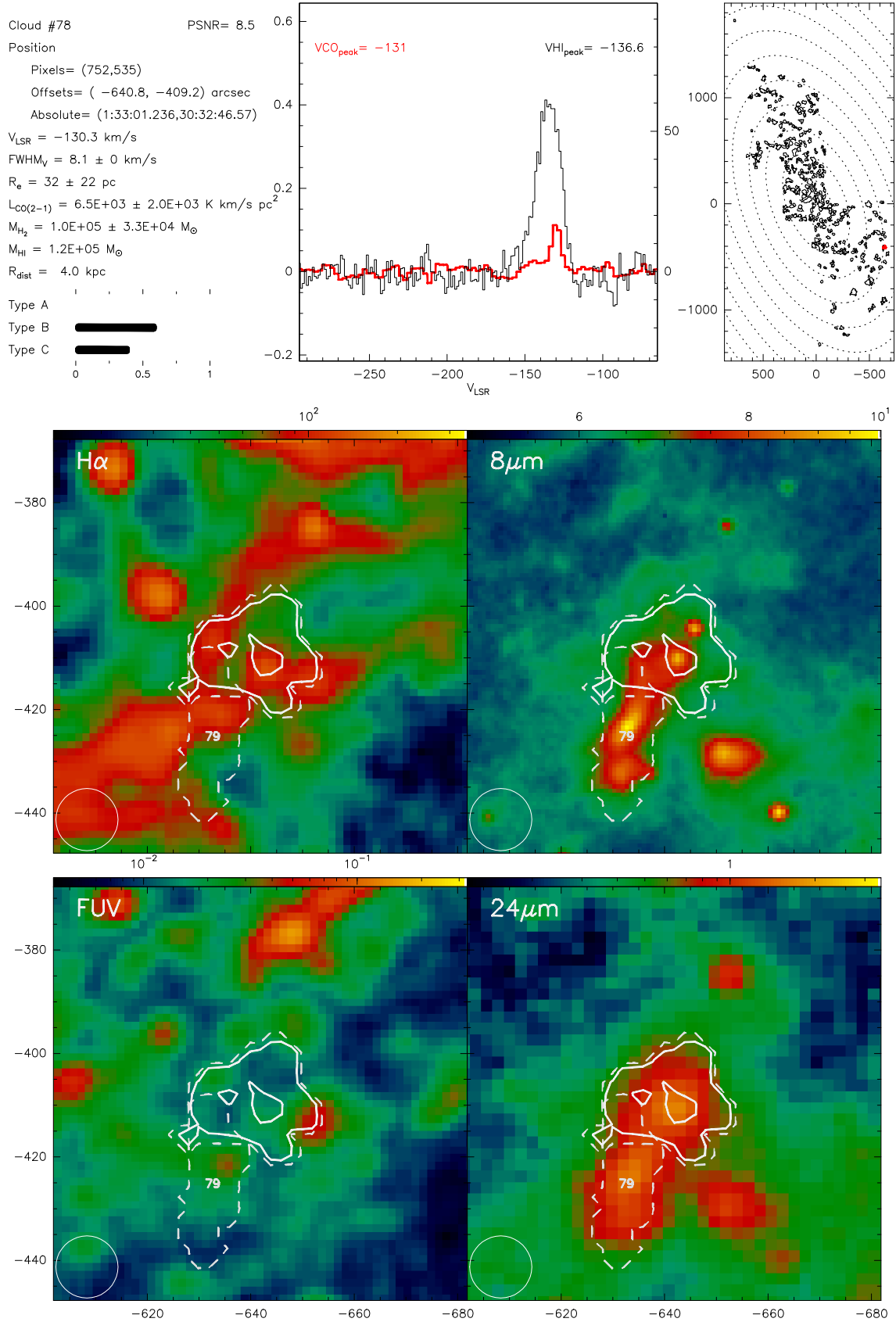


Fig. B.78. Catalogue entry for cloud 78. See description at the beginning of this appendix.

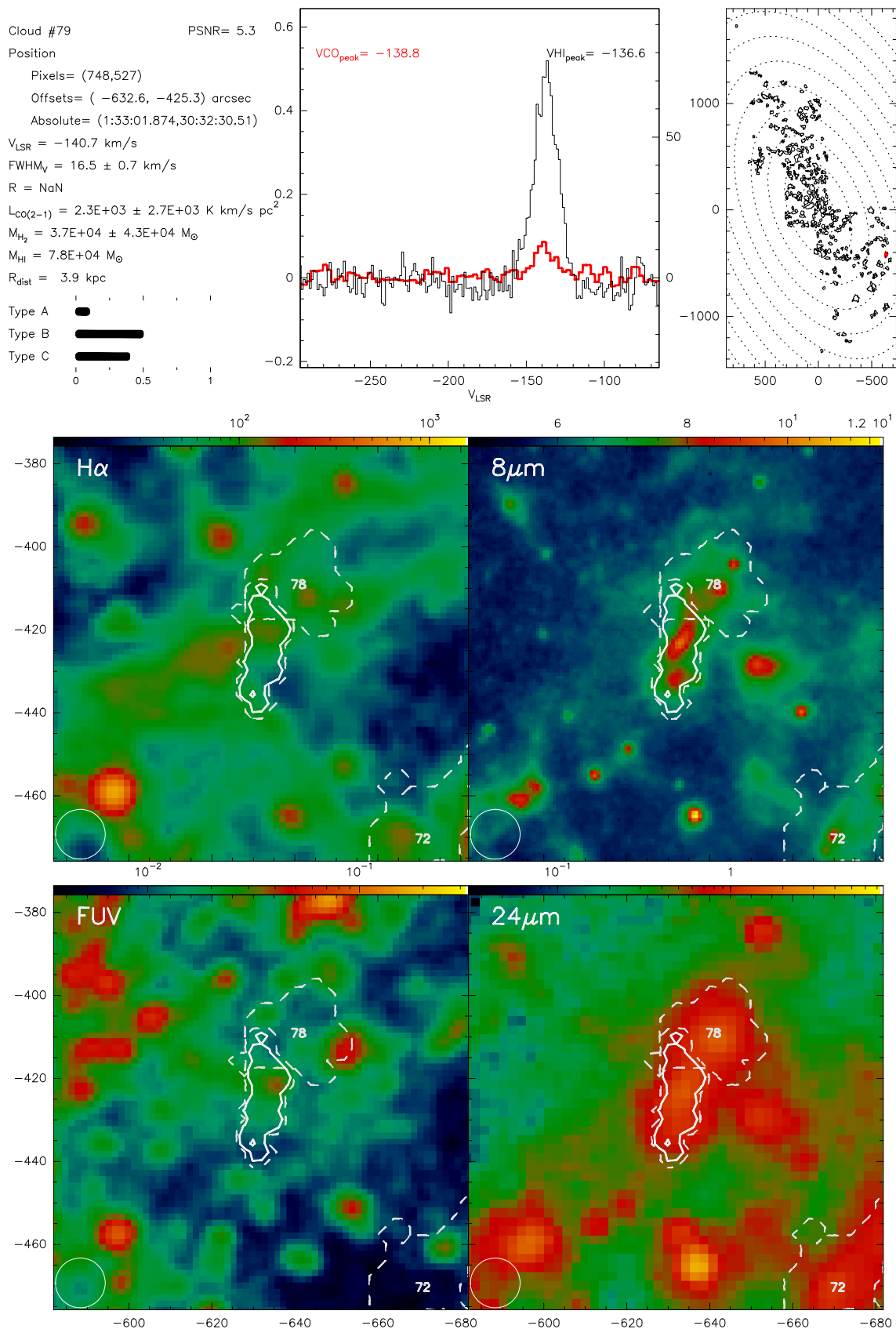


Fig. B.79. Catalogue entry for cloud 79. See description at the beginning of this appendix.

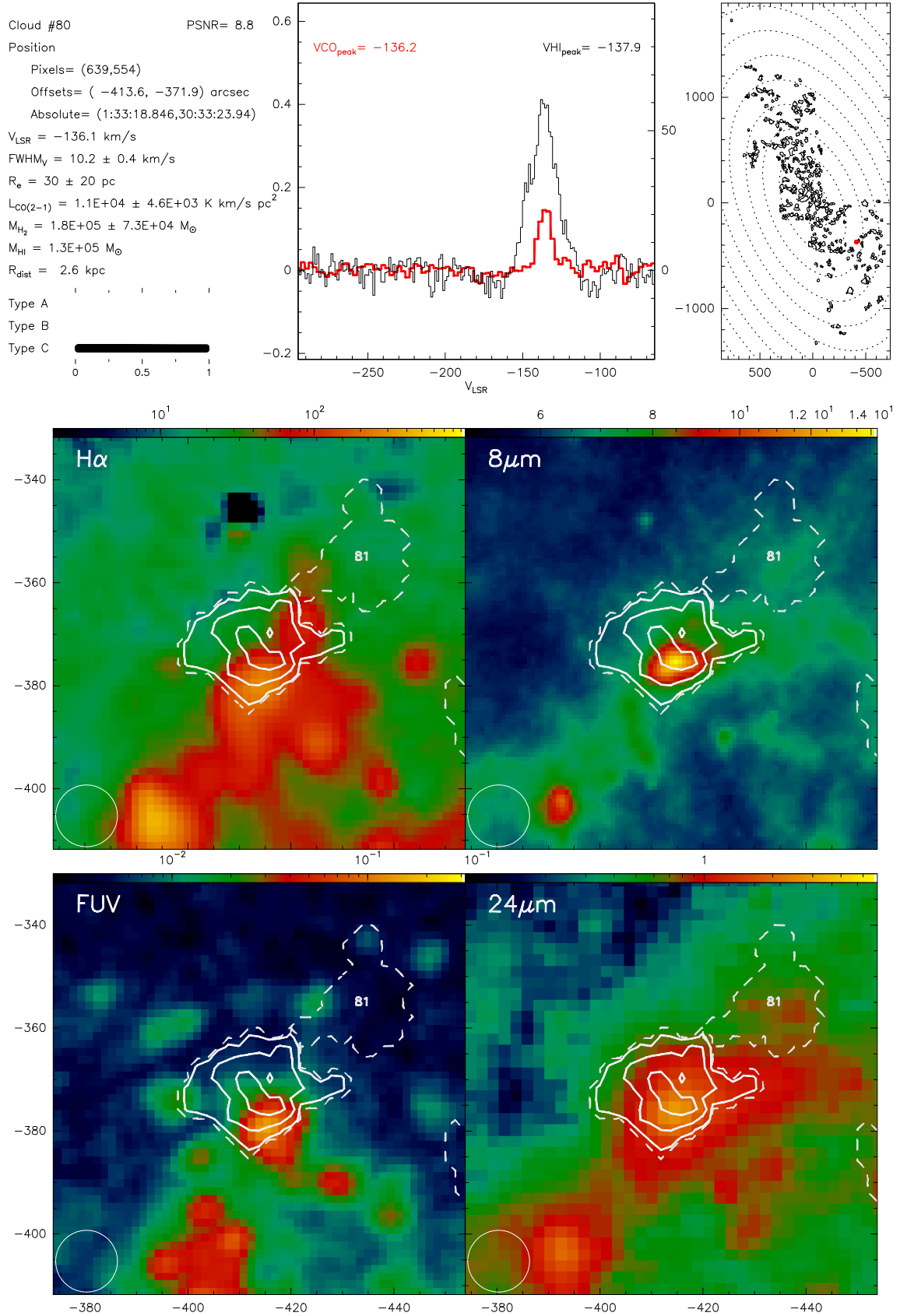


Fig. B.80. Catalogue entry for cloud 80. See description at the beginning of this appendix.

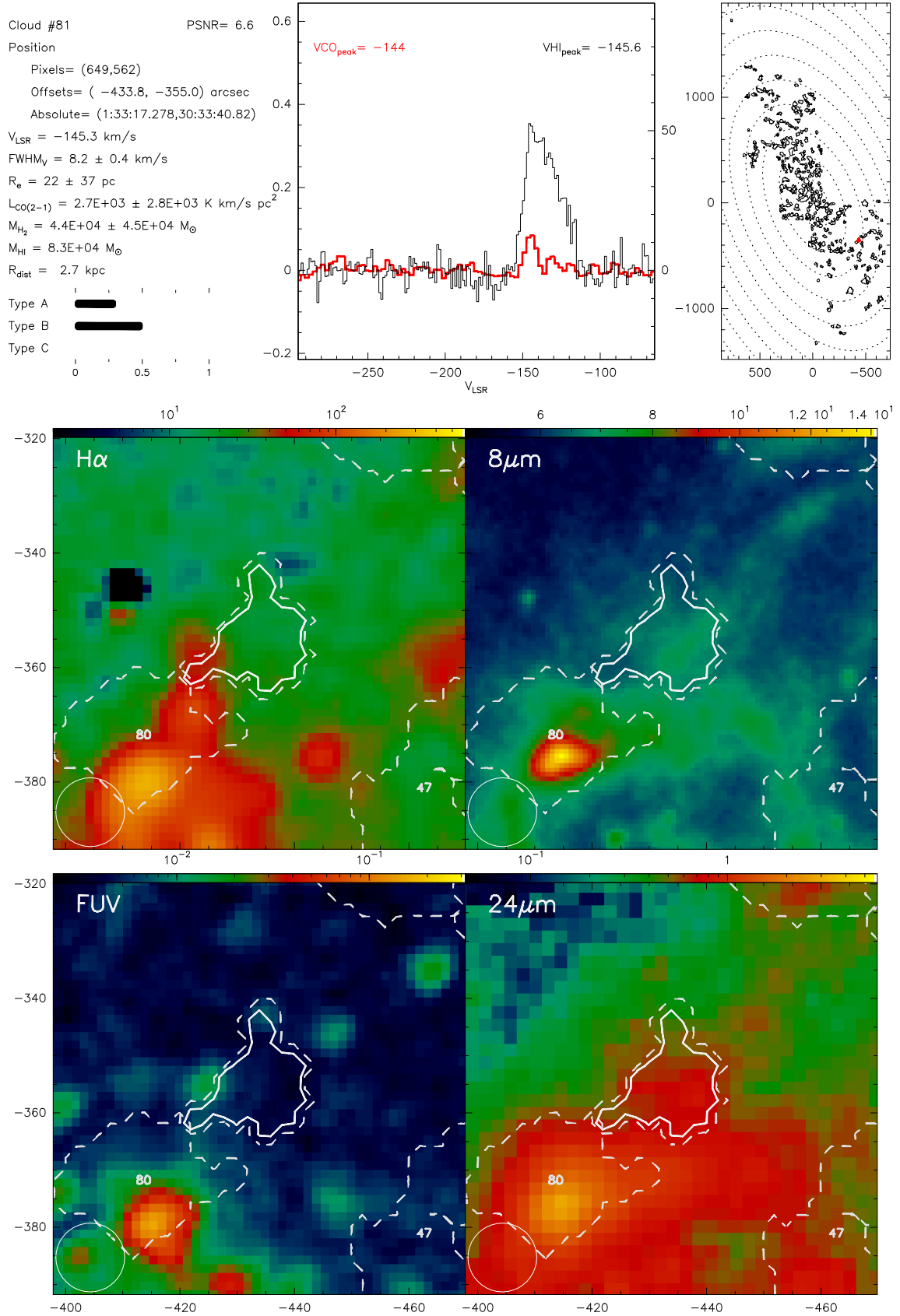


Fig. B.81. Catalogue entry for cloud 81. See description at the beginning of this appendix.

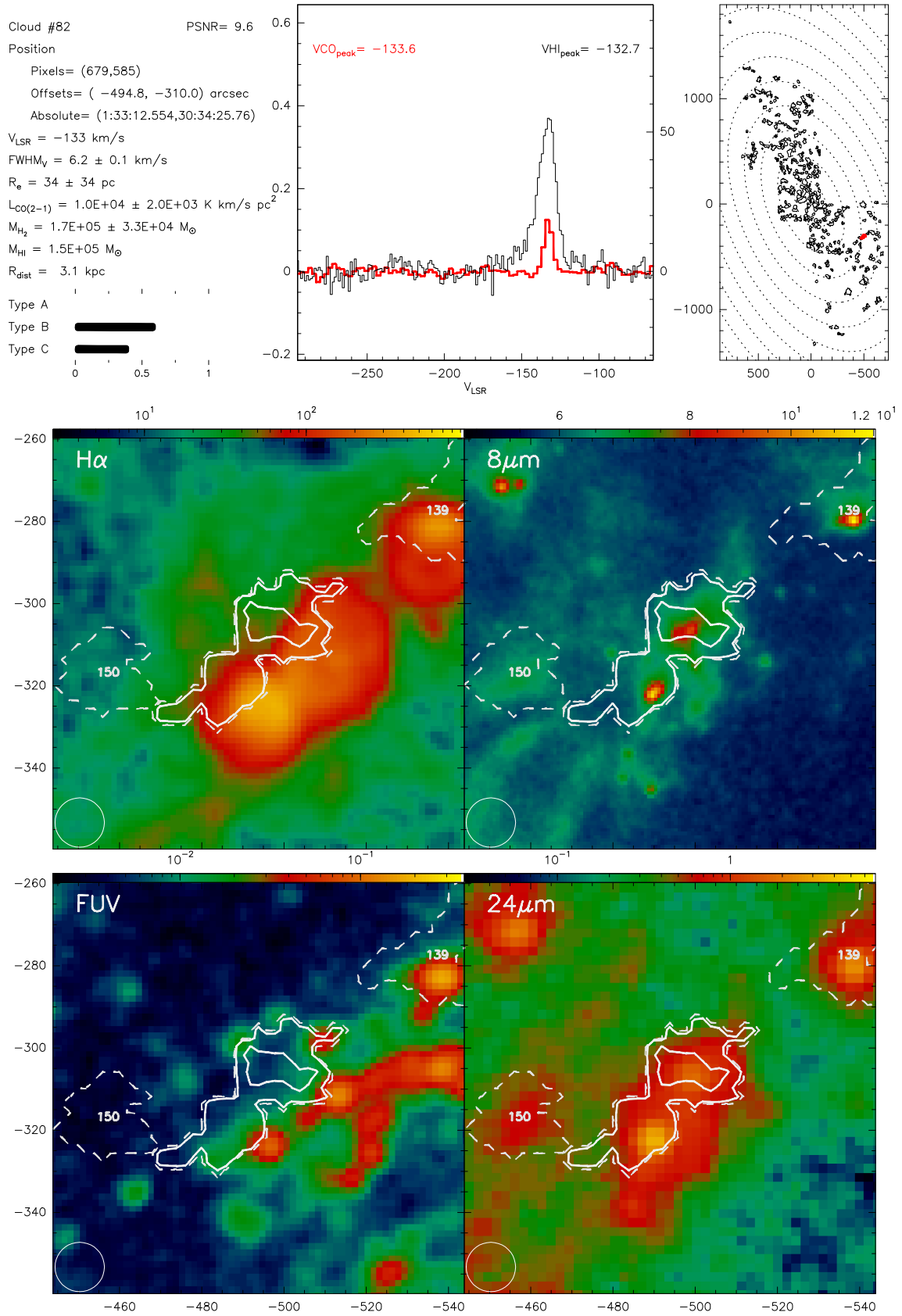


Fig. B.82. Catalogue entry for cloud 82. See description at the beginning of this appendix.

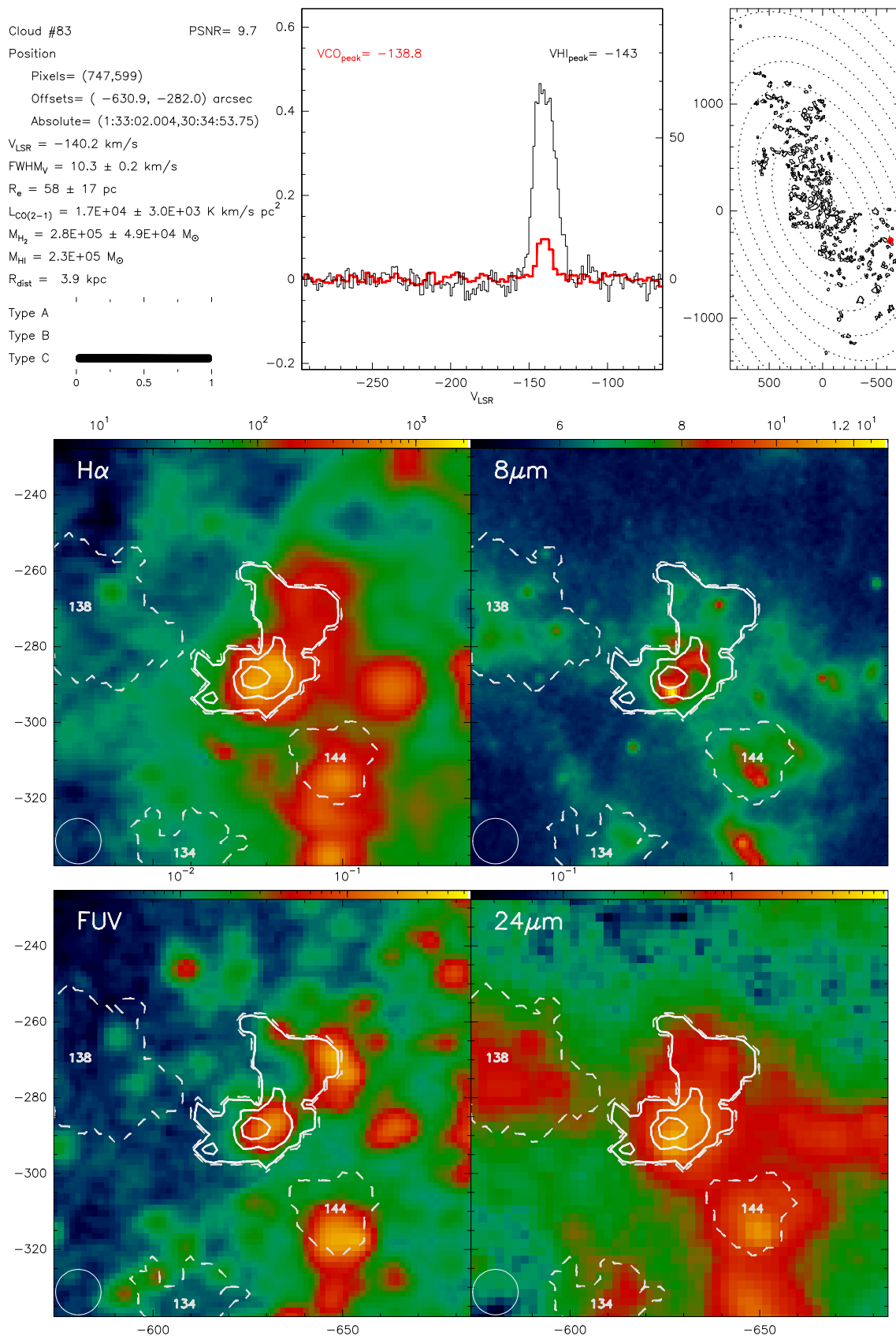


Fig. B.83. Catalogue entry for cloud 83. See description at the beginning of this appendix.

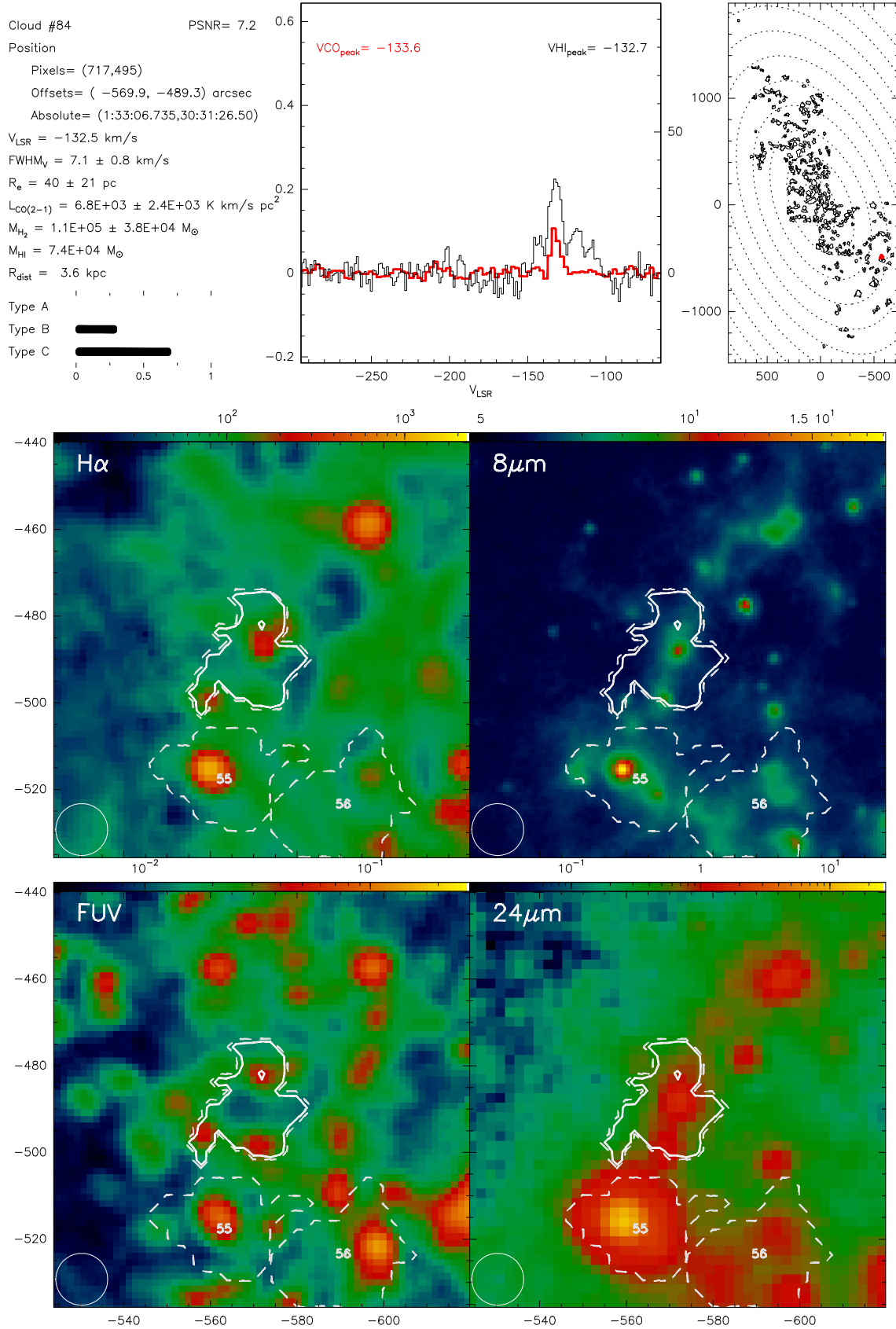


Fig. B.84. Catalogue entry for cloud 84. See description at the beginning of this appendix.

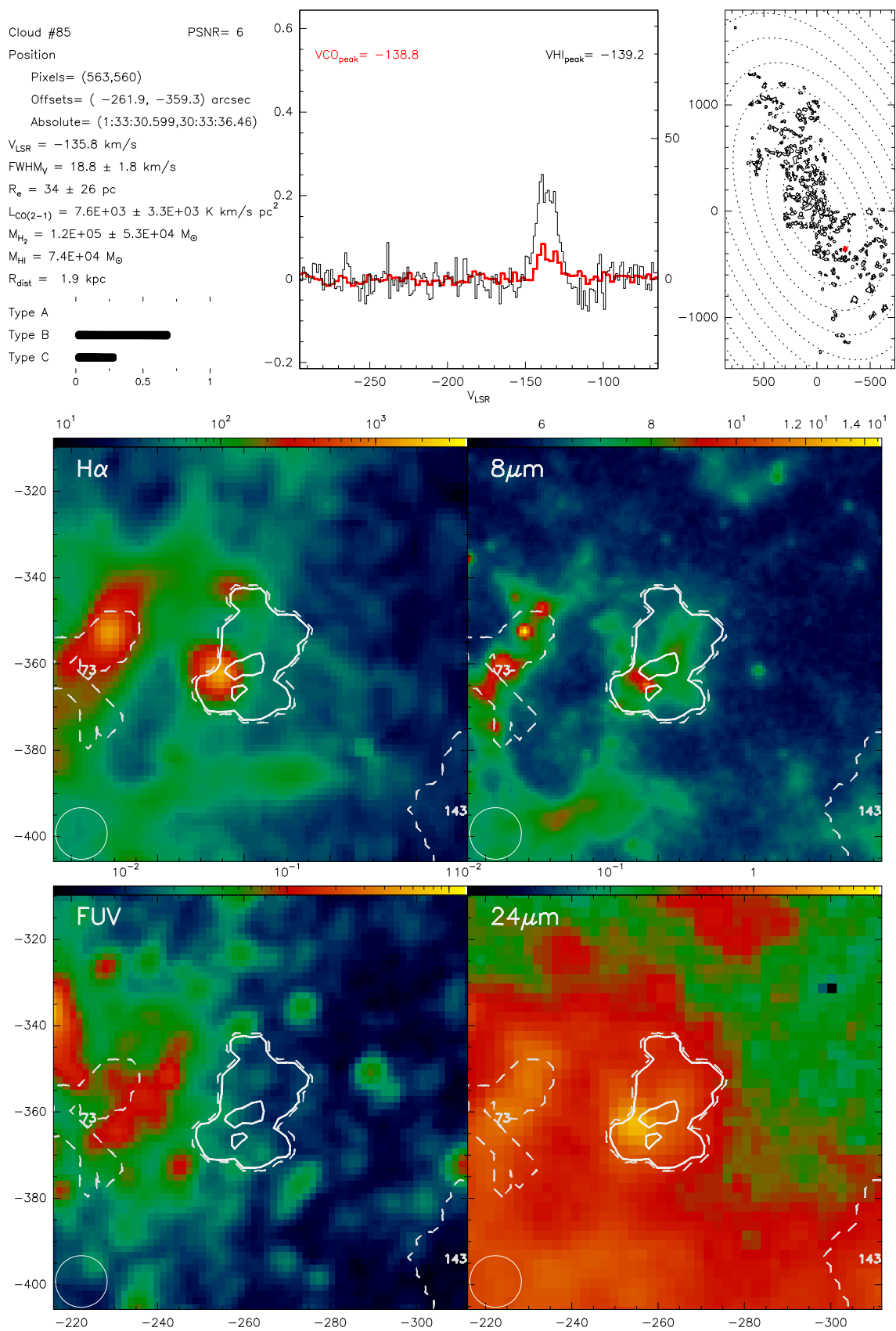


Fig. B.85. Catalogue entry for cloud 85. See description at the beginning of this appendix.

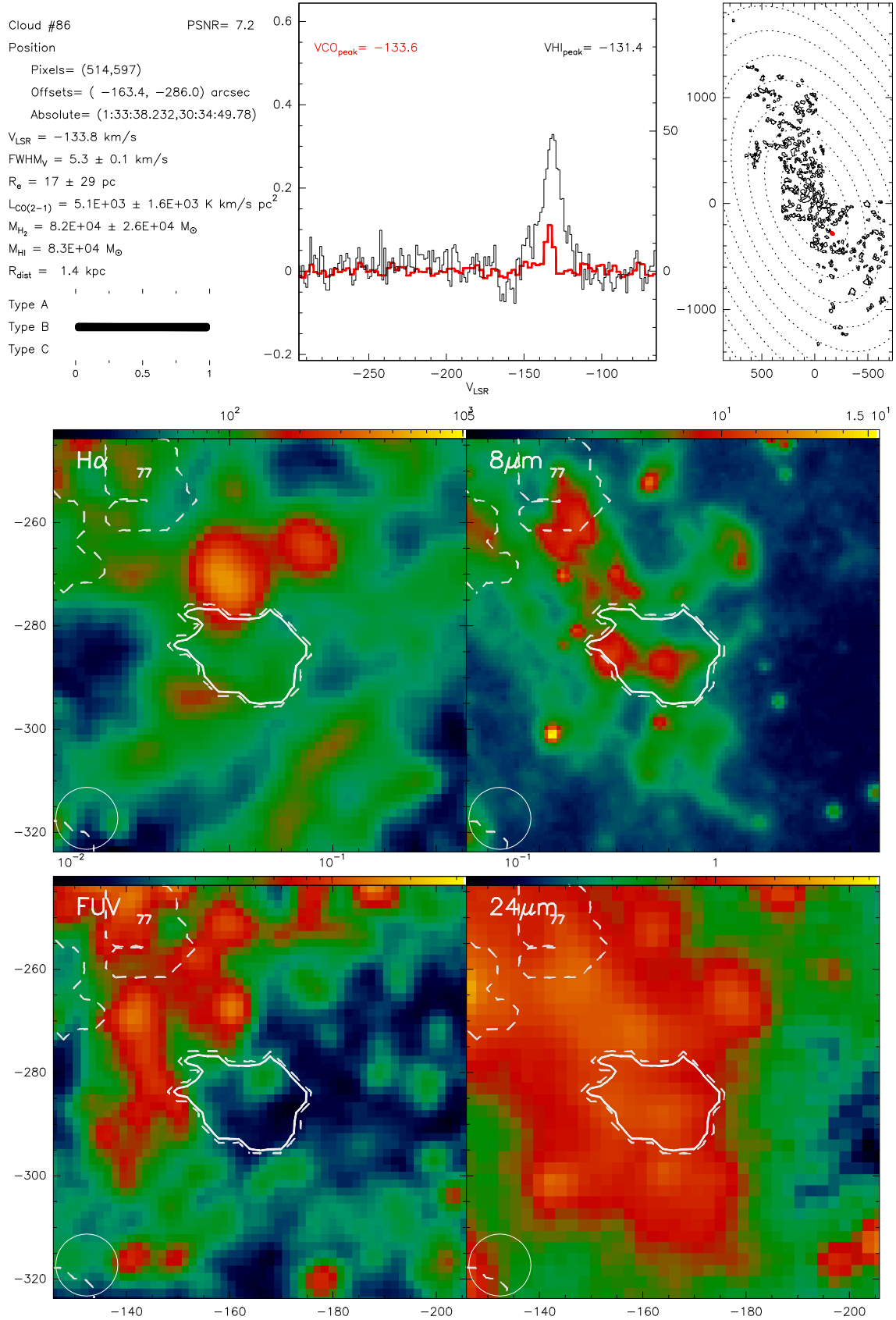


Fig. B.86. Catalogue entry for cloud 86. See description at the beginning of this appendix.

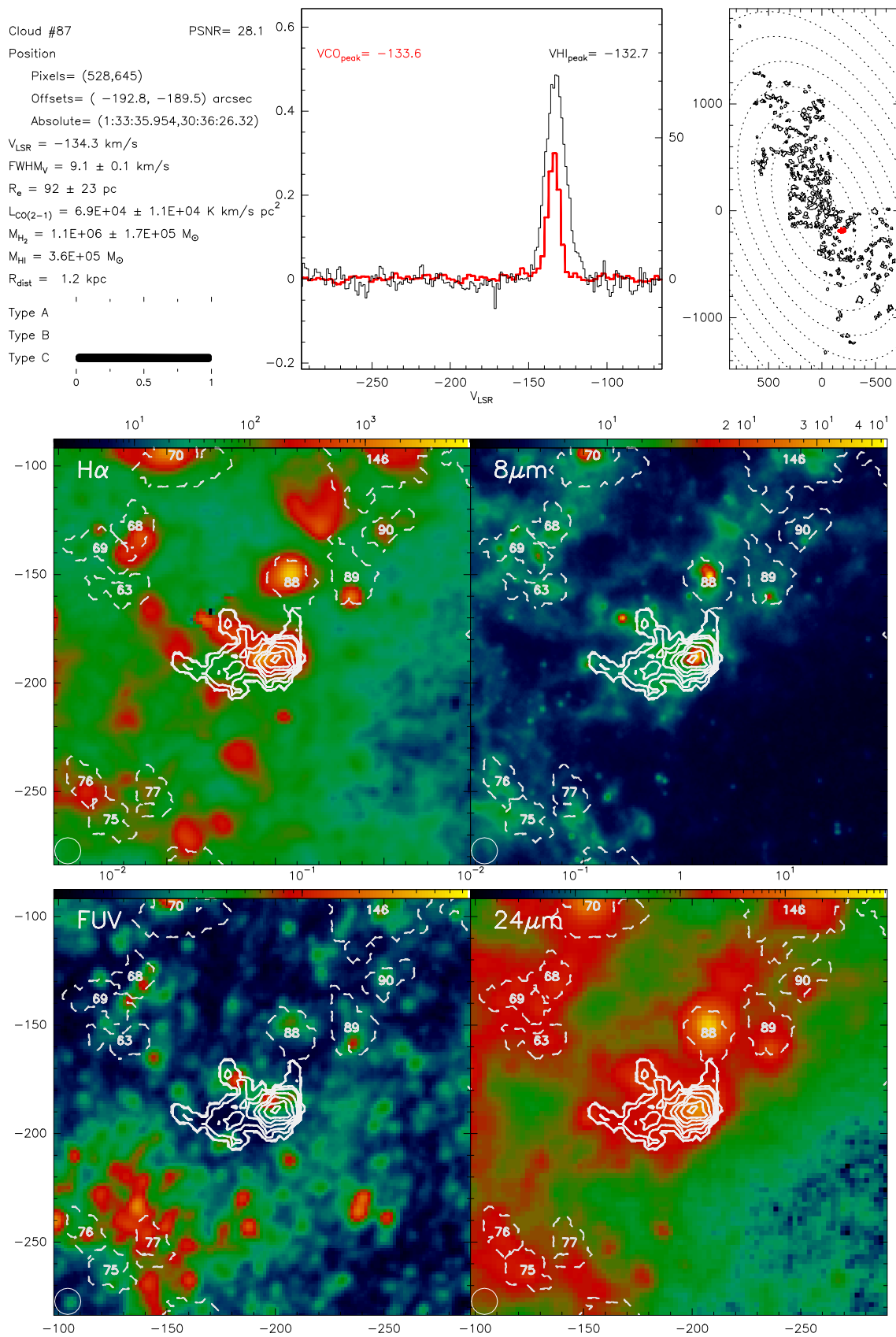


Fig. B.87. Catalogue entry for cloud 87. See description at the beginning of this appendix.

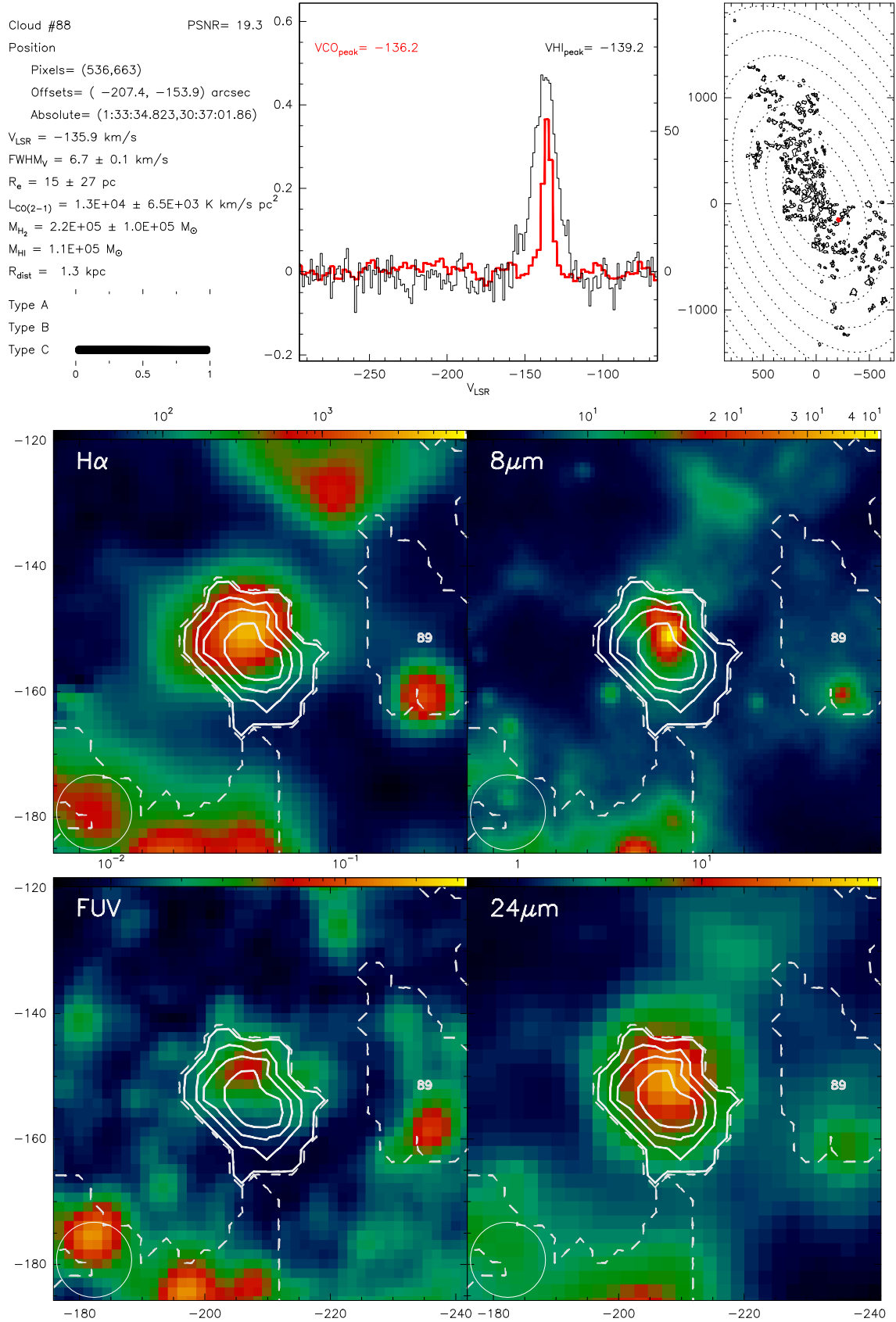


Fig. B.88. Catalogue entry for cloud 88. See description at the beginning of this appendix.

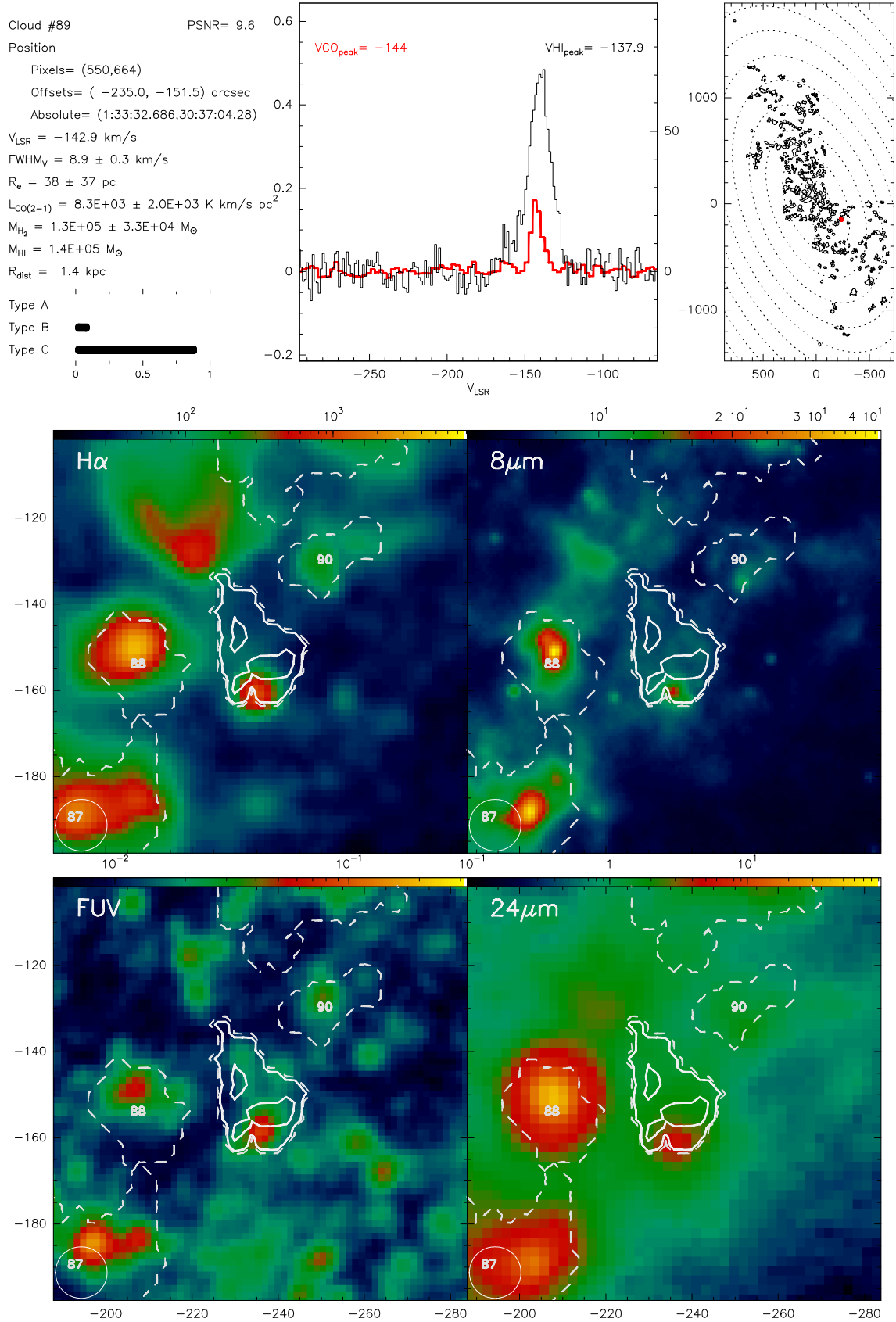


Fig. B.89. Catalogue entry for cloud 89. See description at the beginning of this appendix.

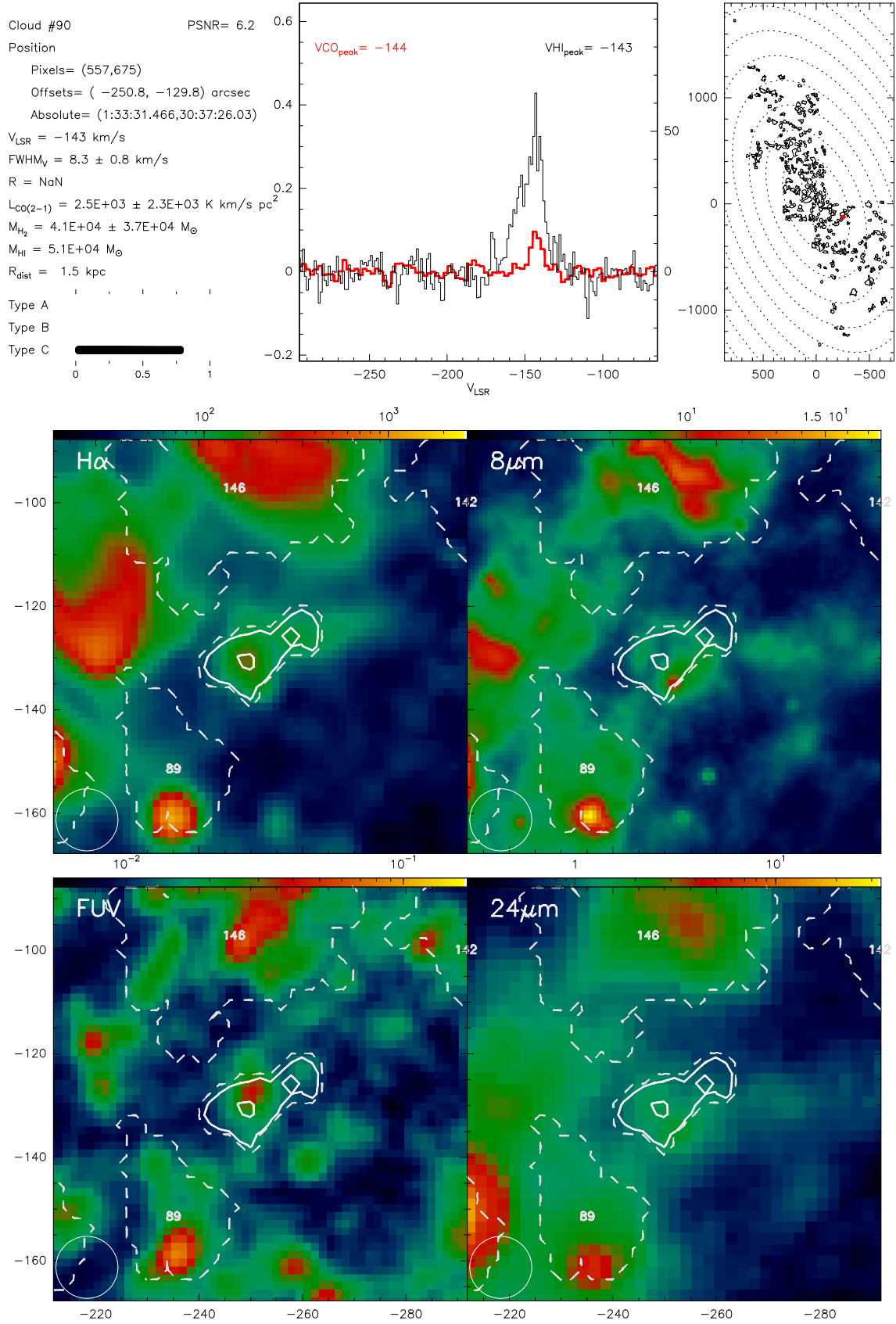


Fig. B.90. Catalogue entry for cloud 90. See description at the beginning of this appendix.

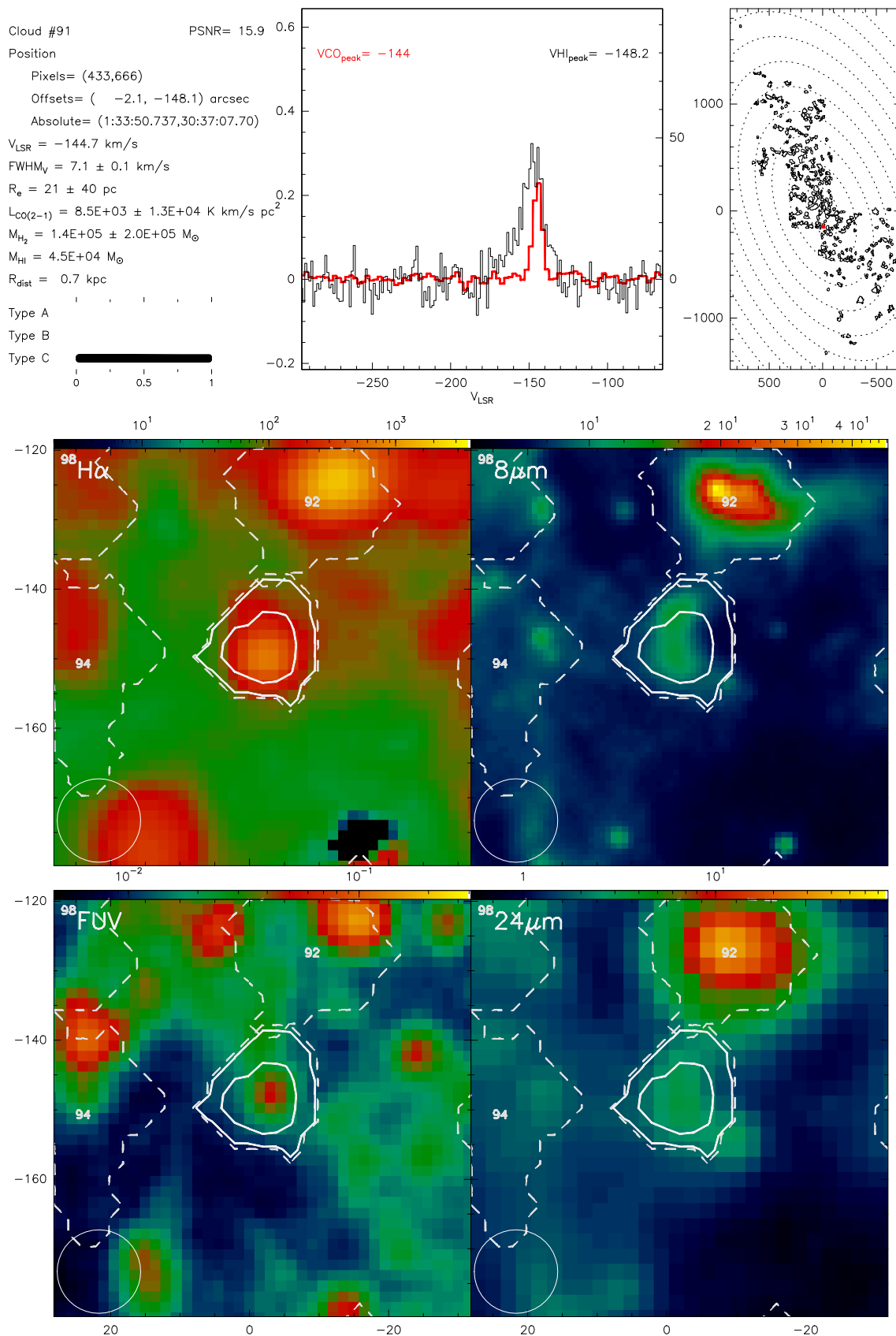


Fig. B.91. Catalogue entry for cloud 91. See description at the beginning of this appendix.

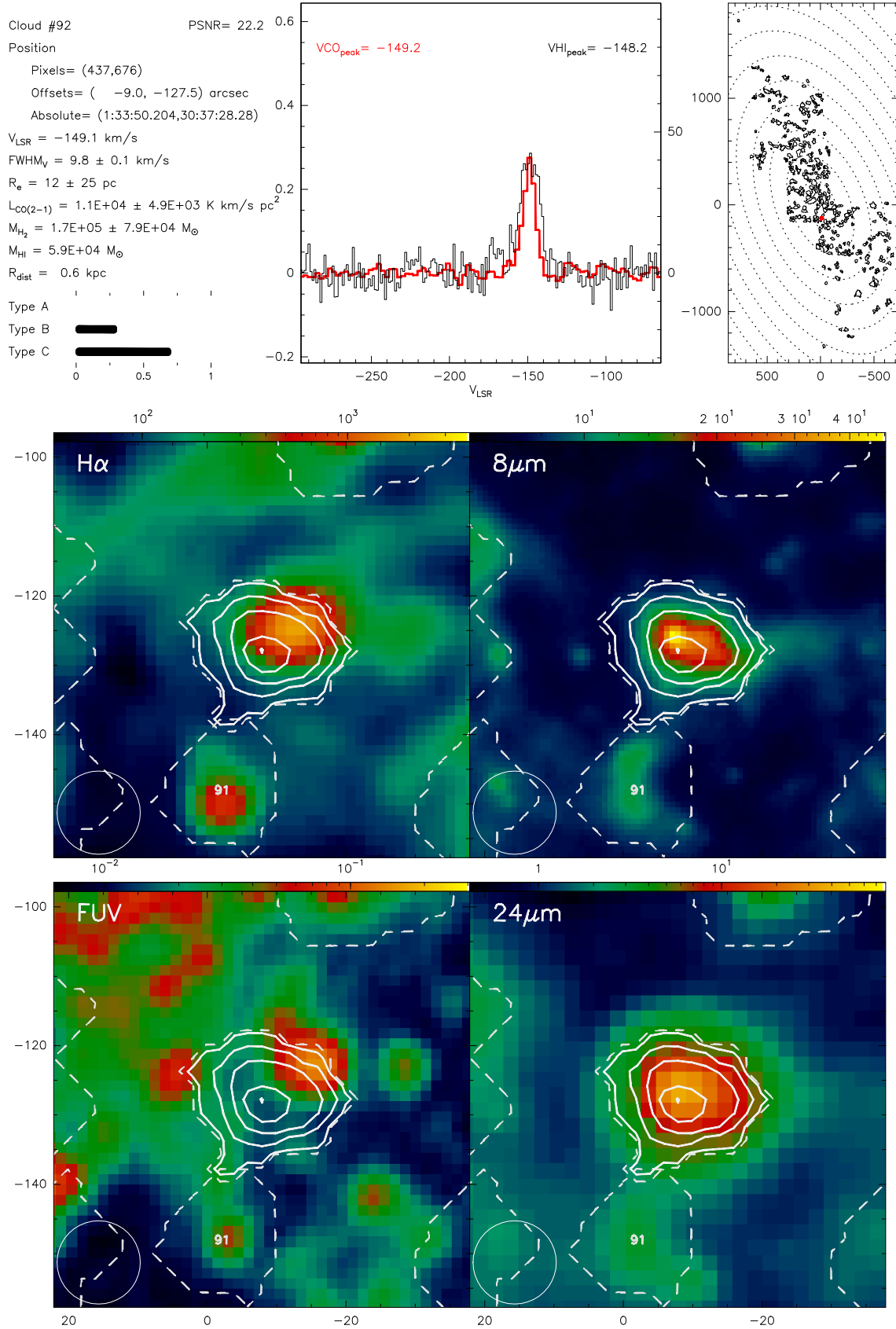


Fig. B.92. Catalogue entry for cloud 92. See description at the beginning of this appendix.

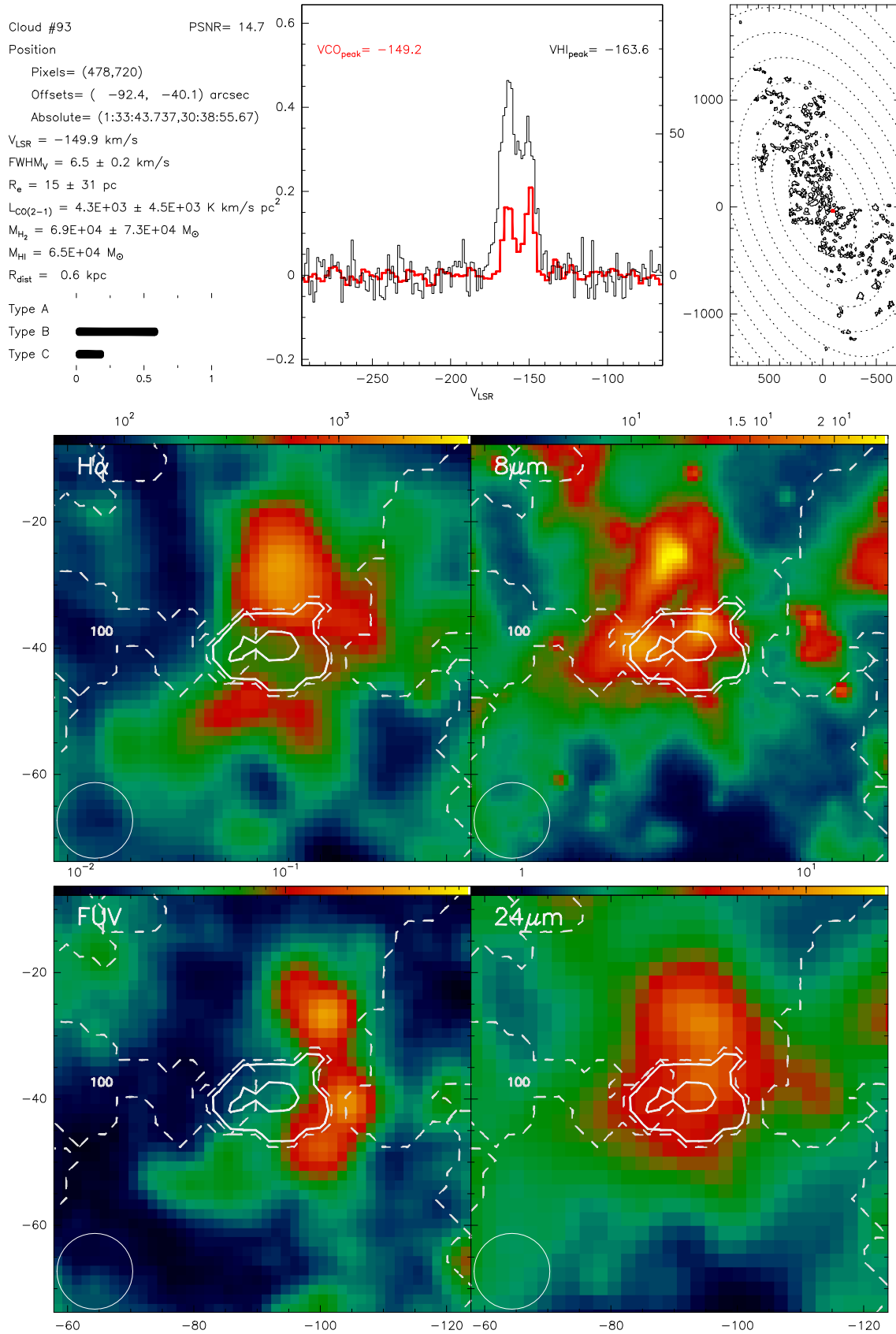


Fig. B.93. Catalogue entry for cloud 93. See description at the beginning of this appendix.

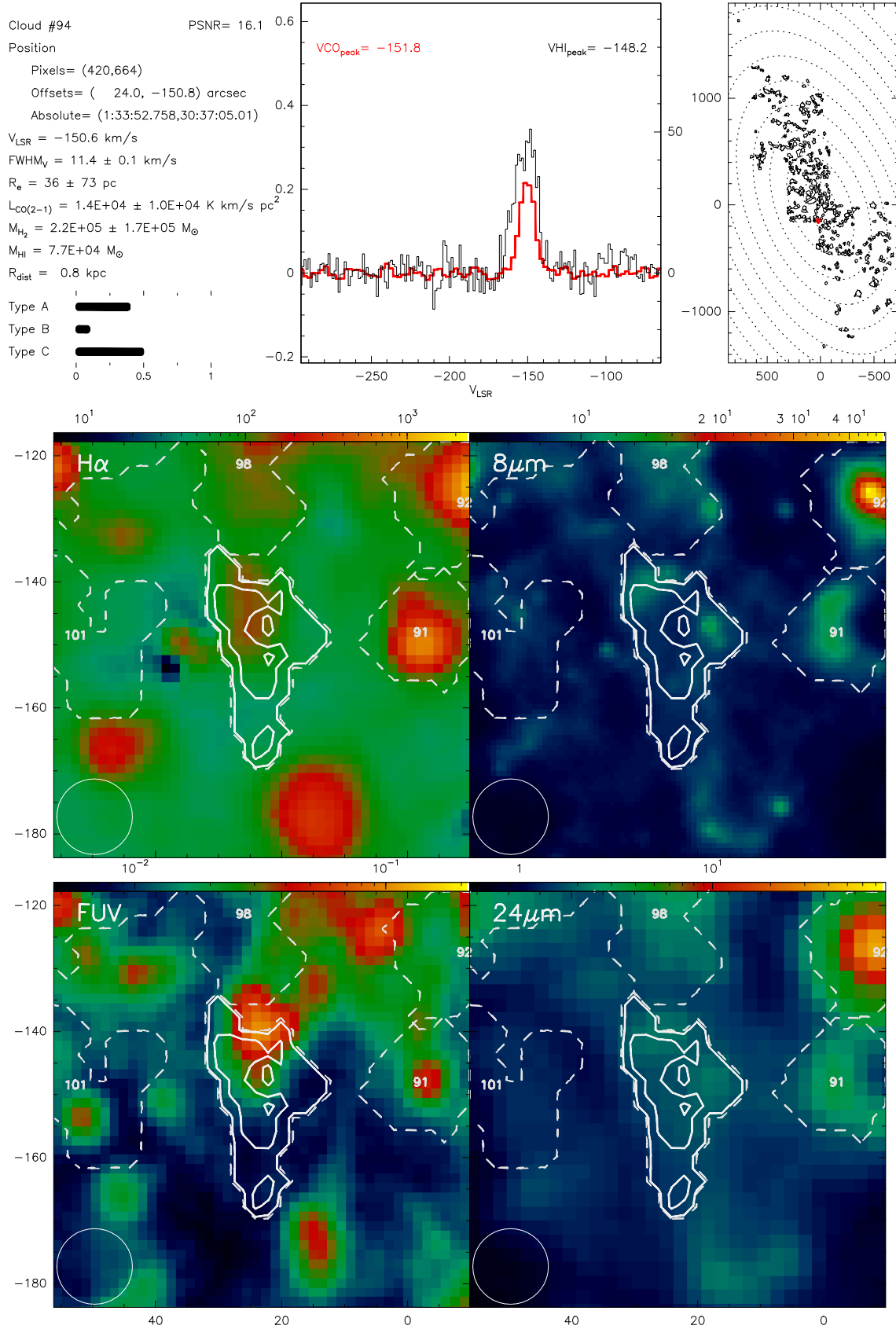


Fig. B.94. Catalogue entry for cloud 94. See description at the beginning of this appendix.

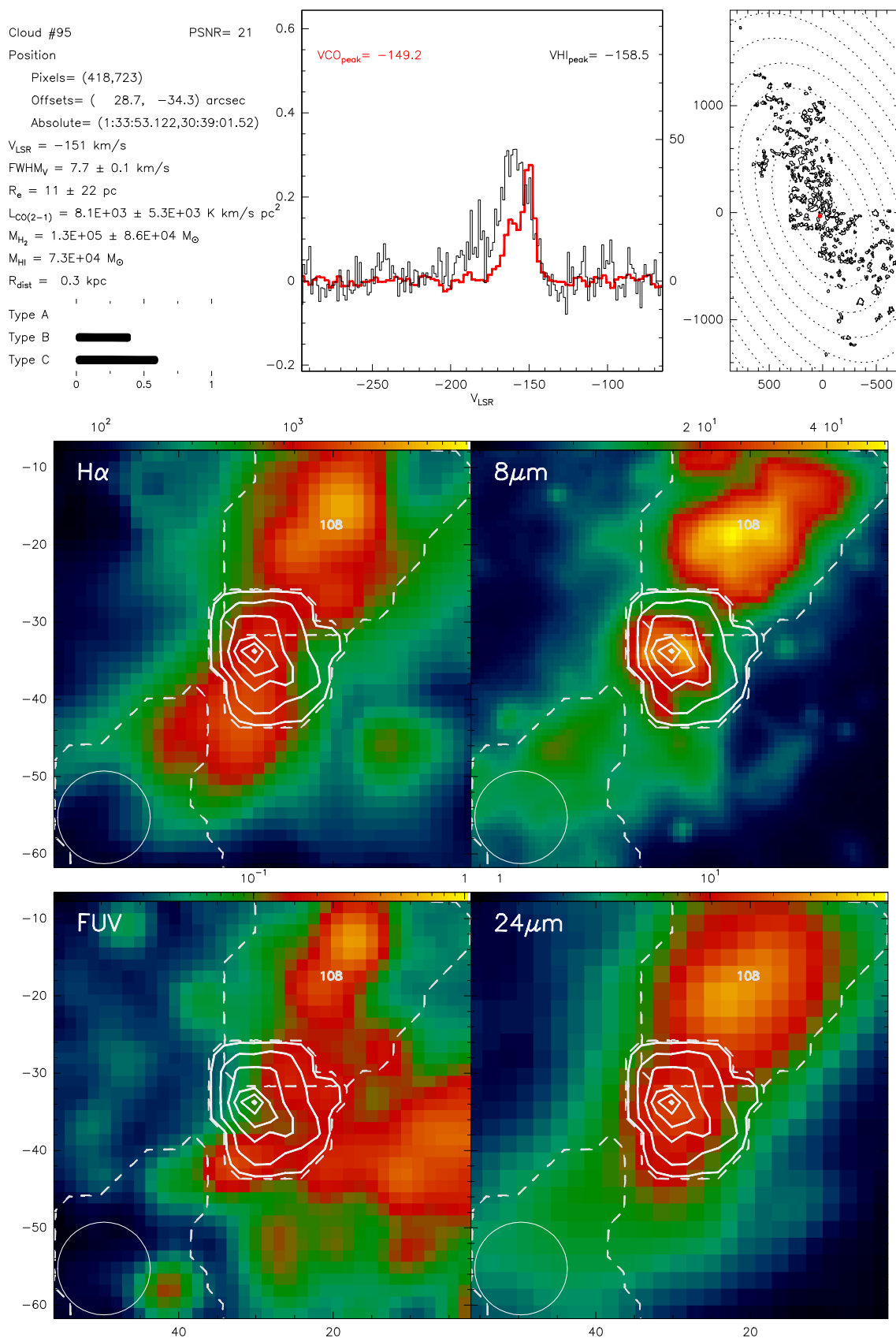


Fig. B.95. Catalogue entry for cloud 95. See description at the beginning of this appendix.

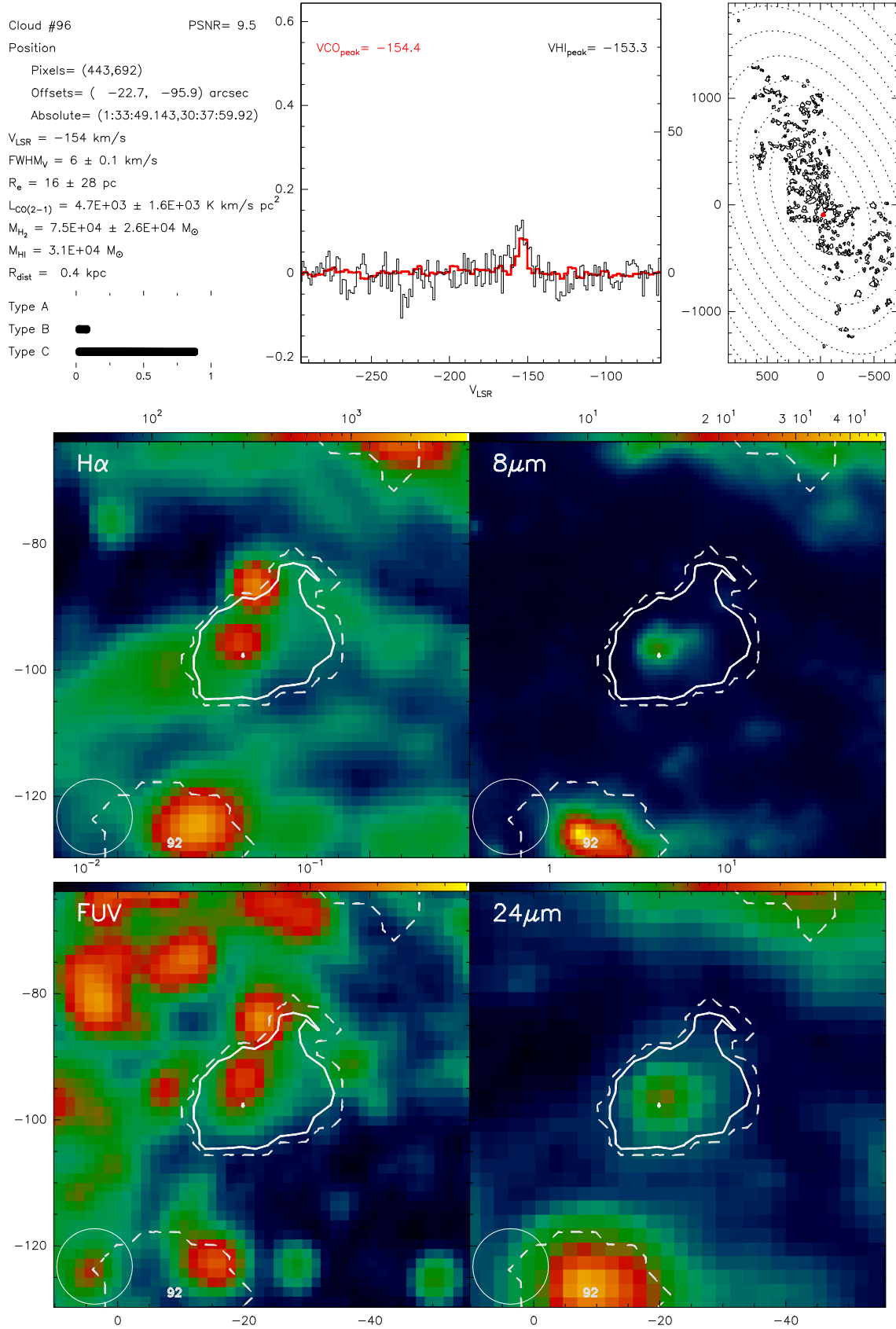


Fig. B.96. Catalogue entry for cloud 96. See description at the beginning of this appendix.

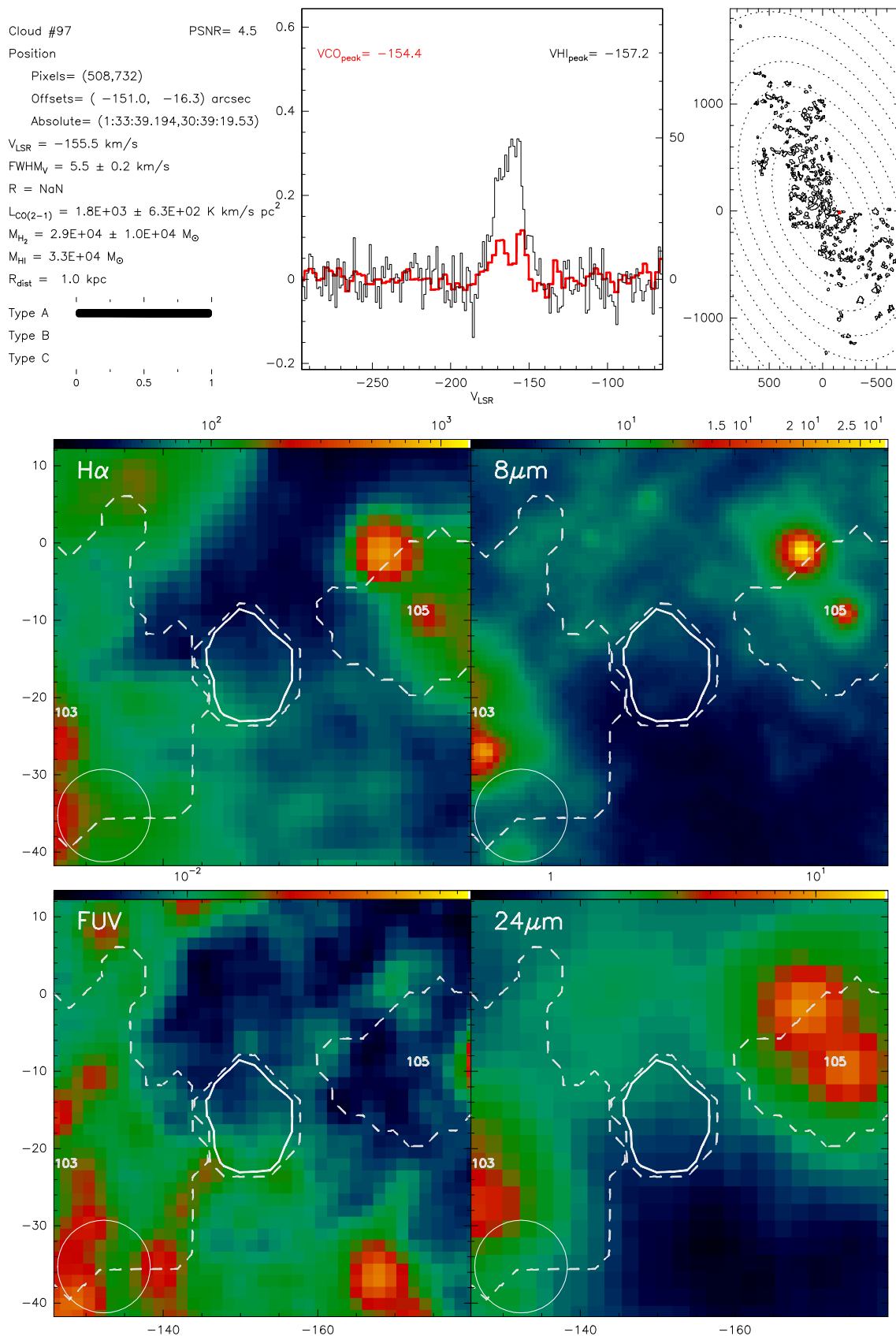


Fig. B.97. Catalogue entry for cloud 97. See description at the beginning of this appendix.

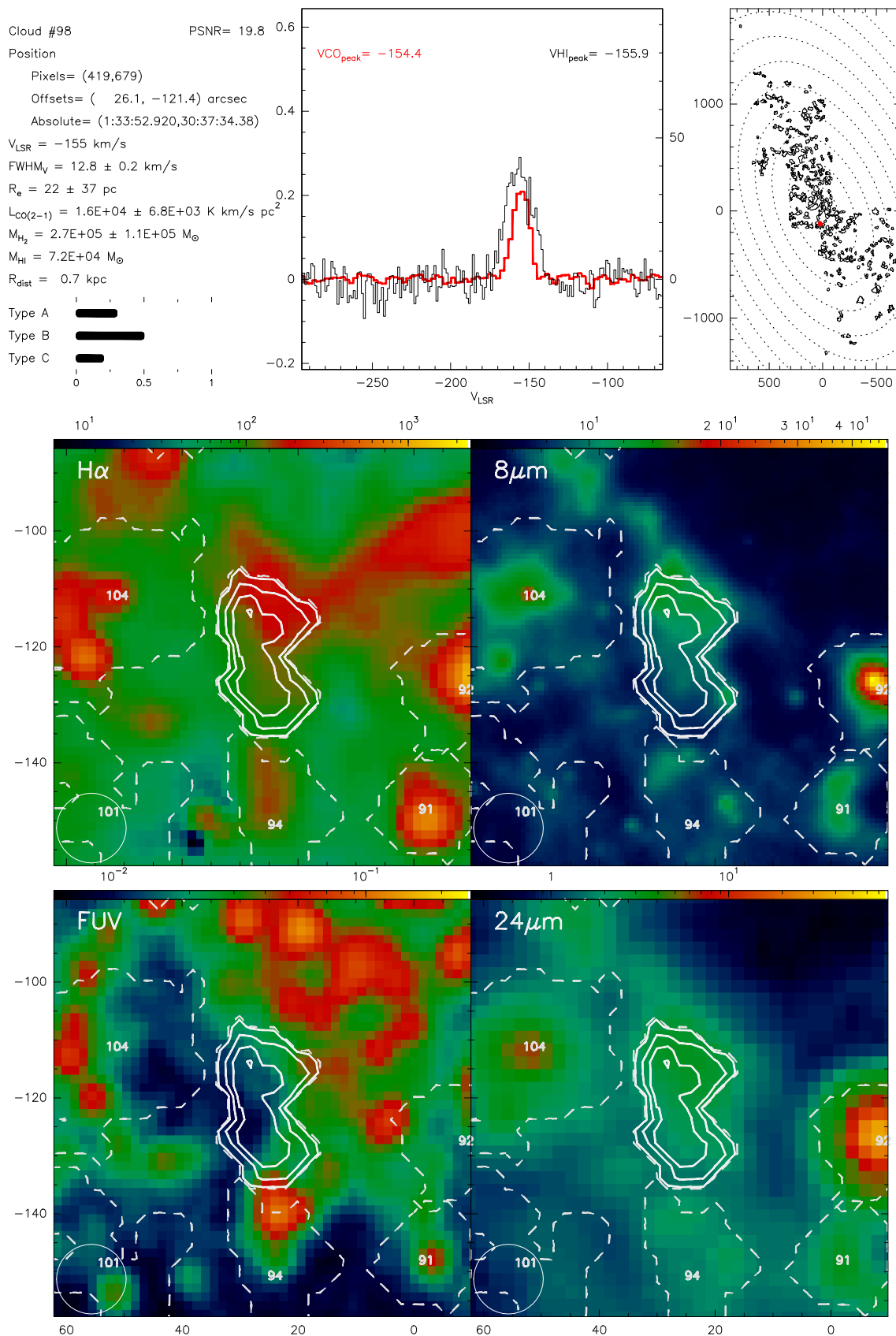


Fig. B.98. Catalogue entry for cloud 98. See description at the beginning of this appendix.

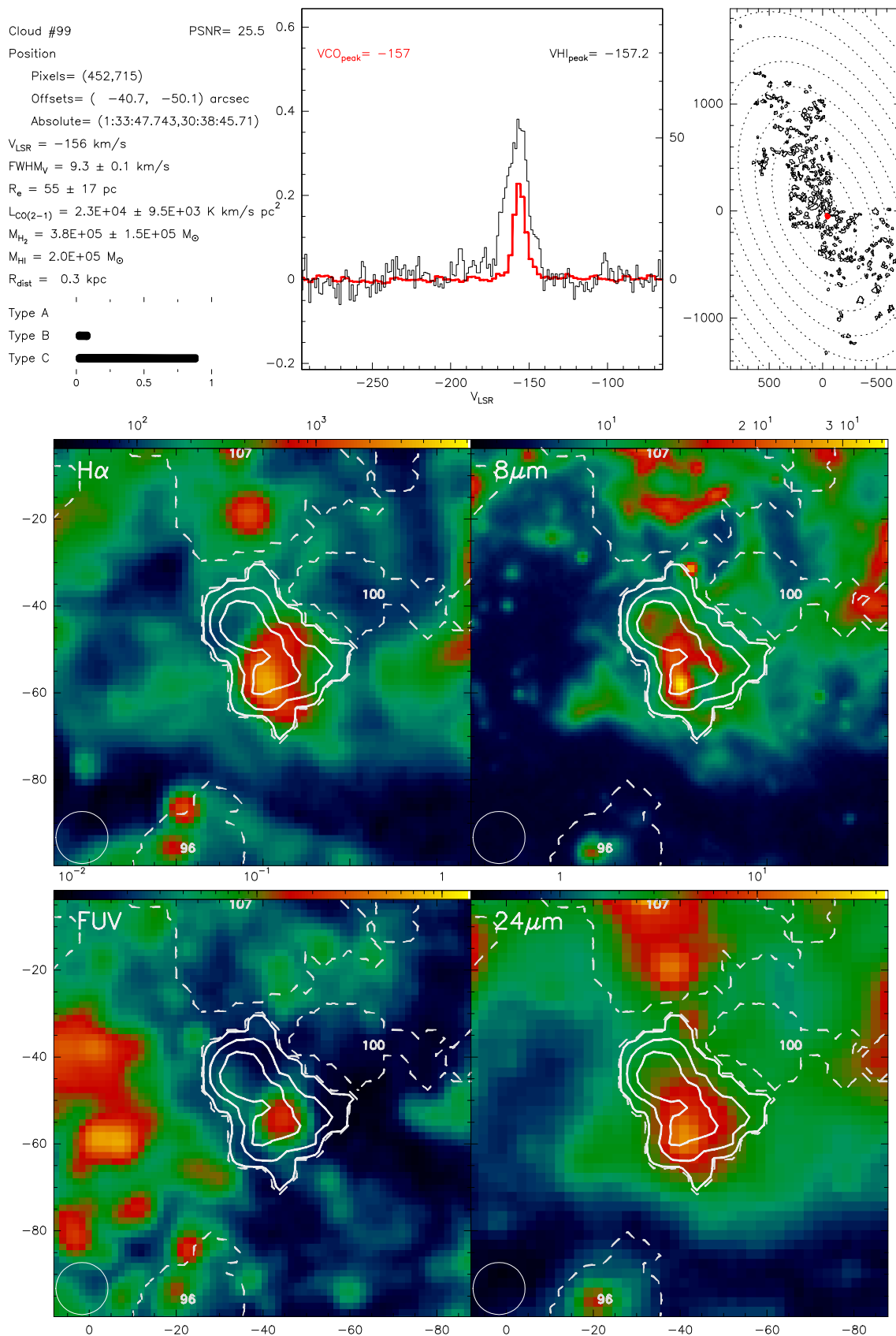


Fig. B.99. Catalogue entry for cloud 99. See description at the beginning of this appendix.

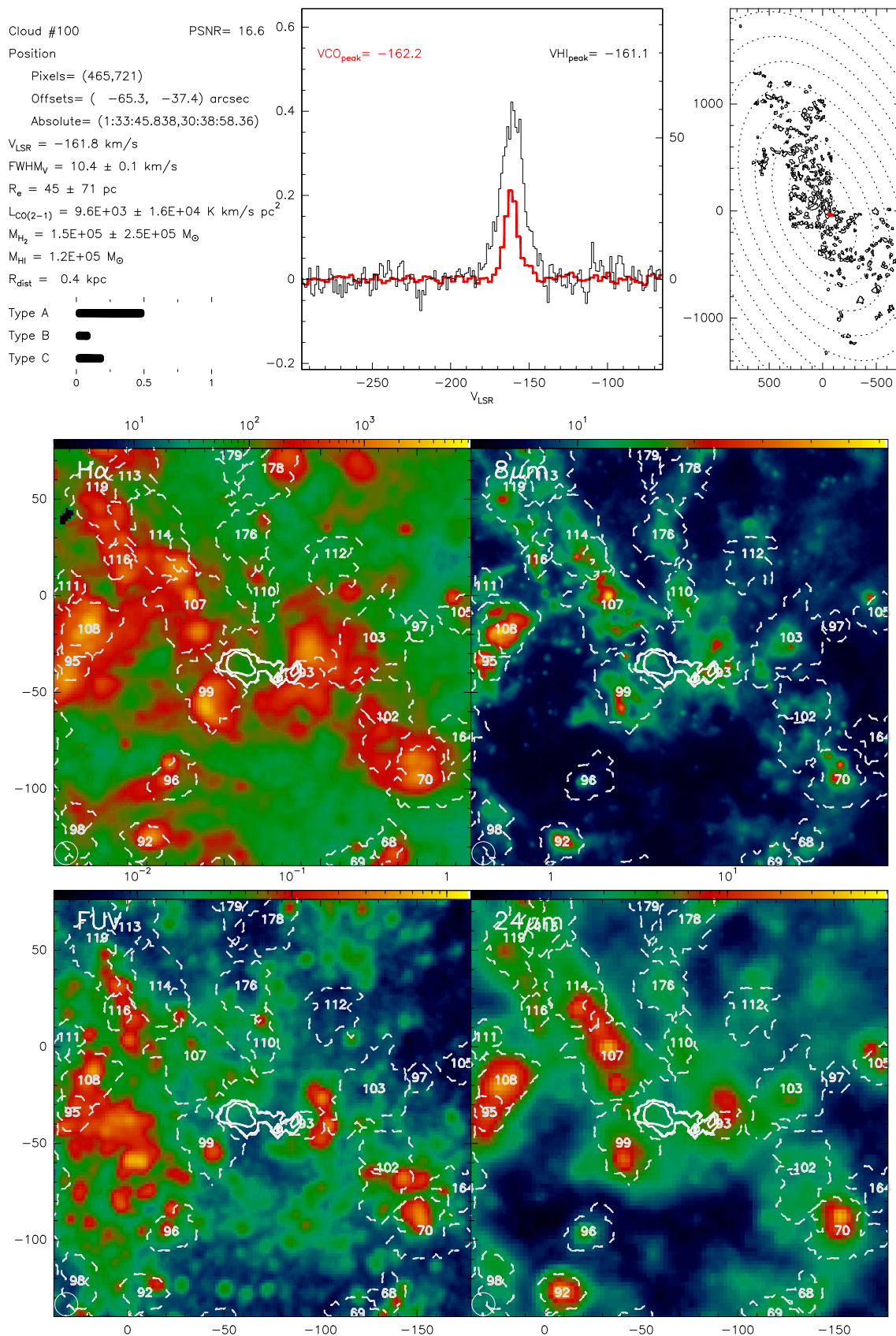


Fig. B.100. Catalogue entry for cloud 100. See description at the beginning of this appendix.