

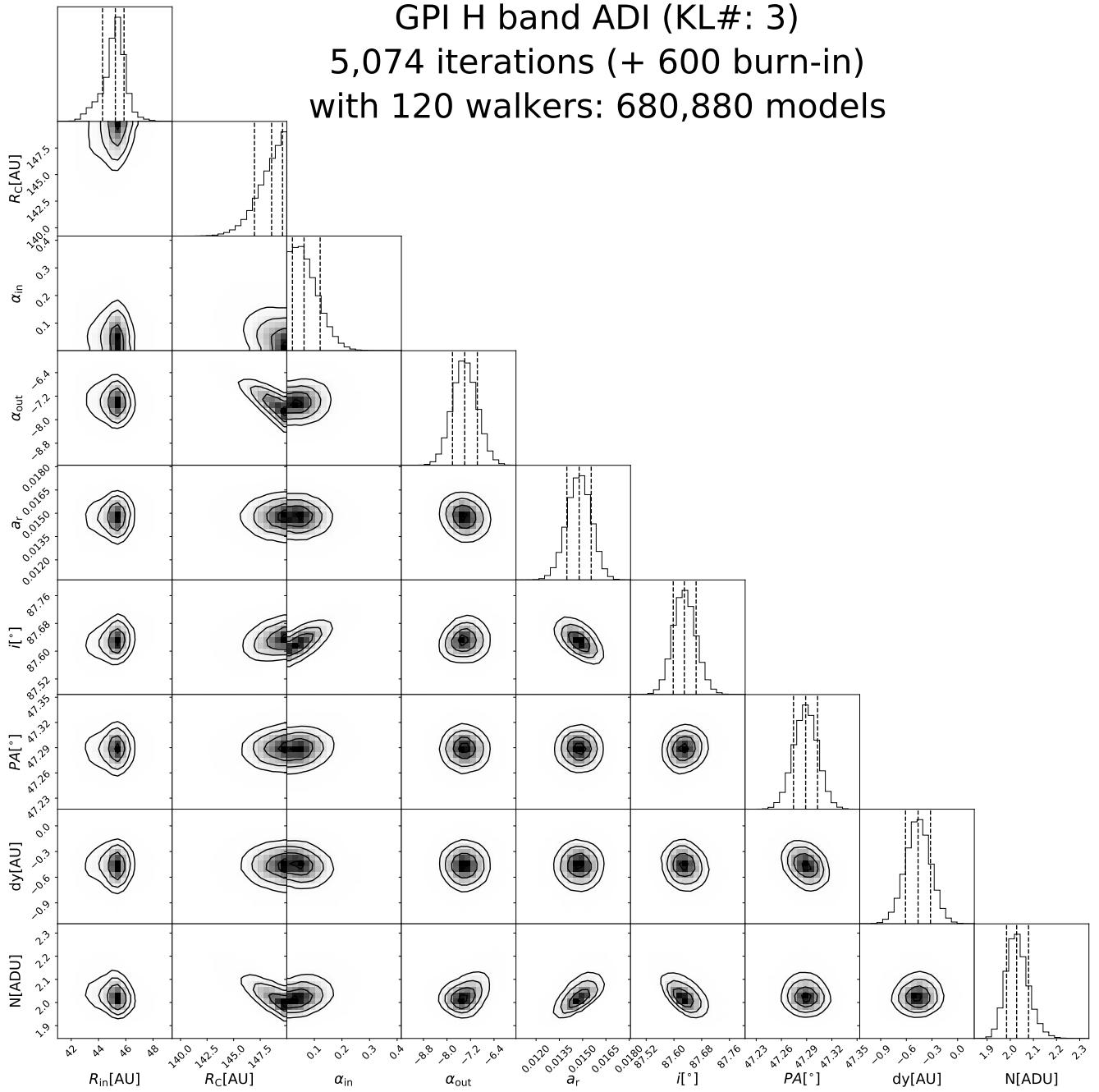
# A Uniform Analysis of Debris Disks with GPI II: Online Supplemental Material

1 February 2024

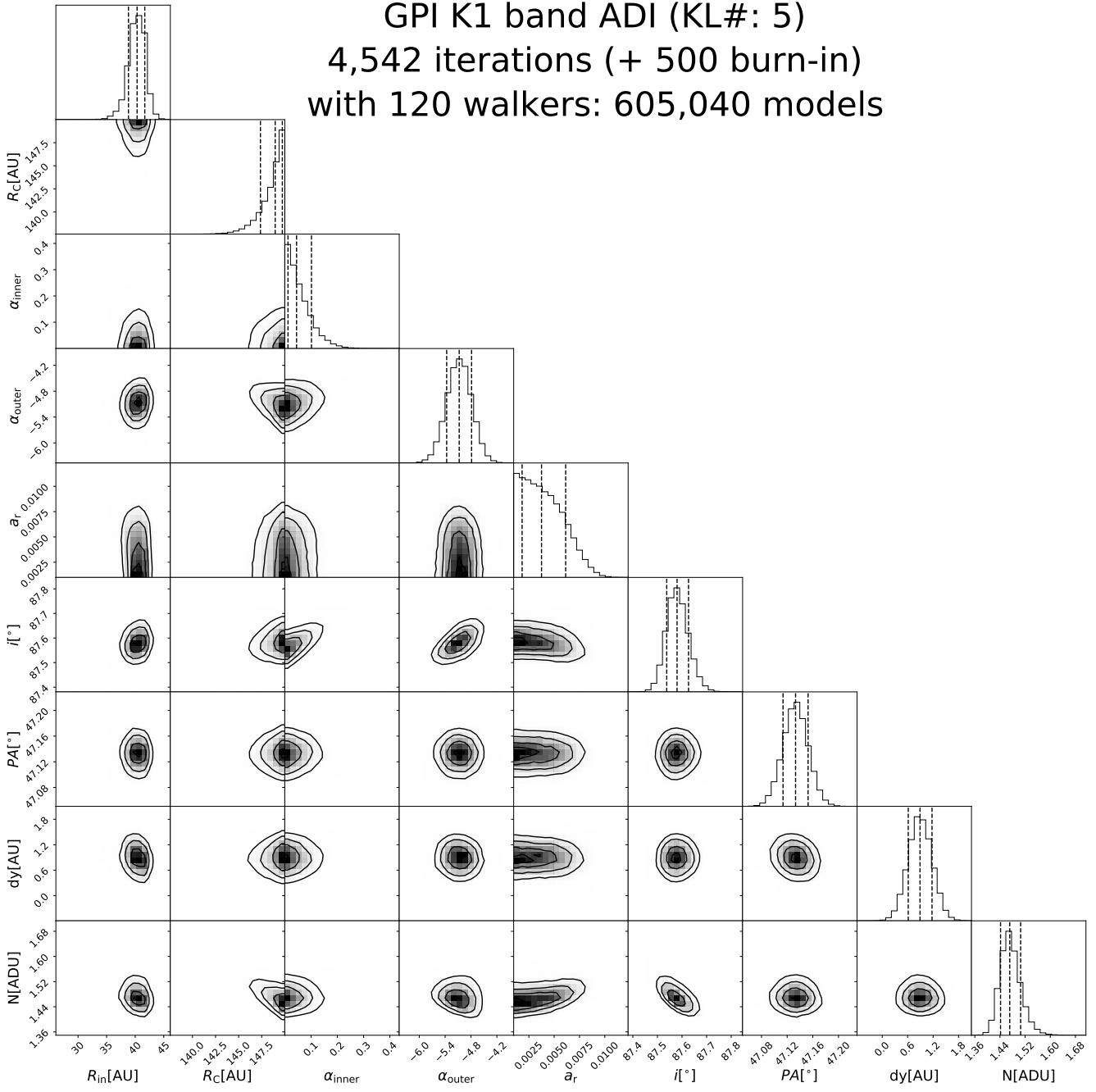
## APPENDIX A: POSTERIOR DISTRIBUTIONS OF MODEL RUNS

Here we present the posterior distribution functions of all other model analyses from *A Uniform Analysis of Debris Disks with the Gemini Planet Imager II: Constraints on Dust Density Distribution Using Empirically-Informed Scattering Phase Functions*. All dashed lines in the diagonal histograms show the 16th, 50th, and 84th percentiles. Off-diagonal plots display joint probability distributions with contour levels at the same percentiles.

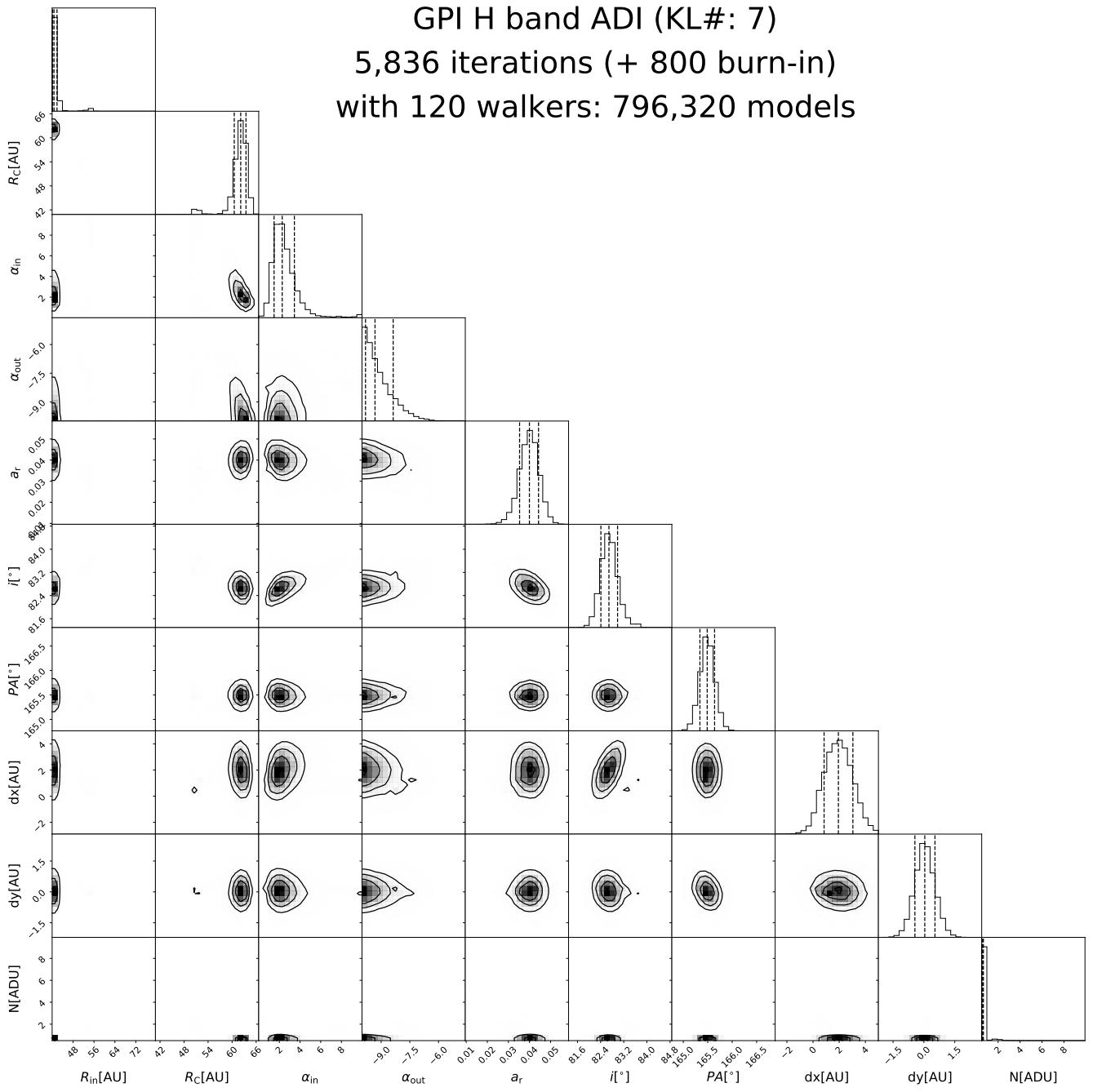
This paper has been typeset from a T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X file prepared by the author.



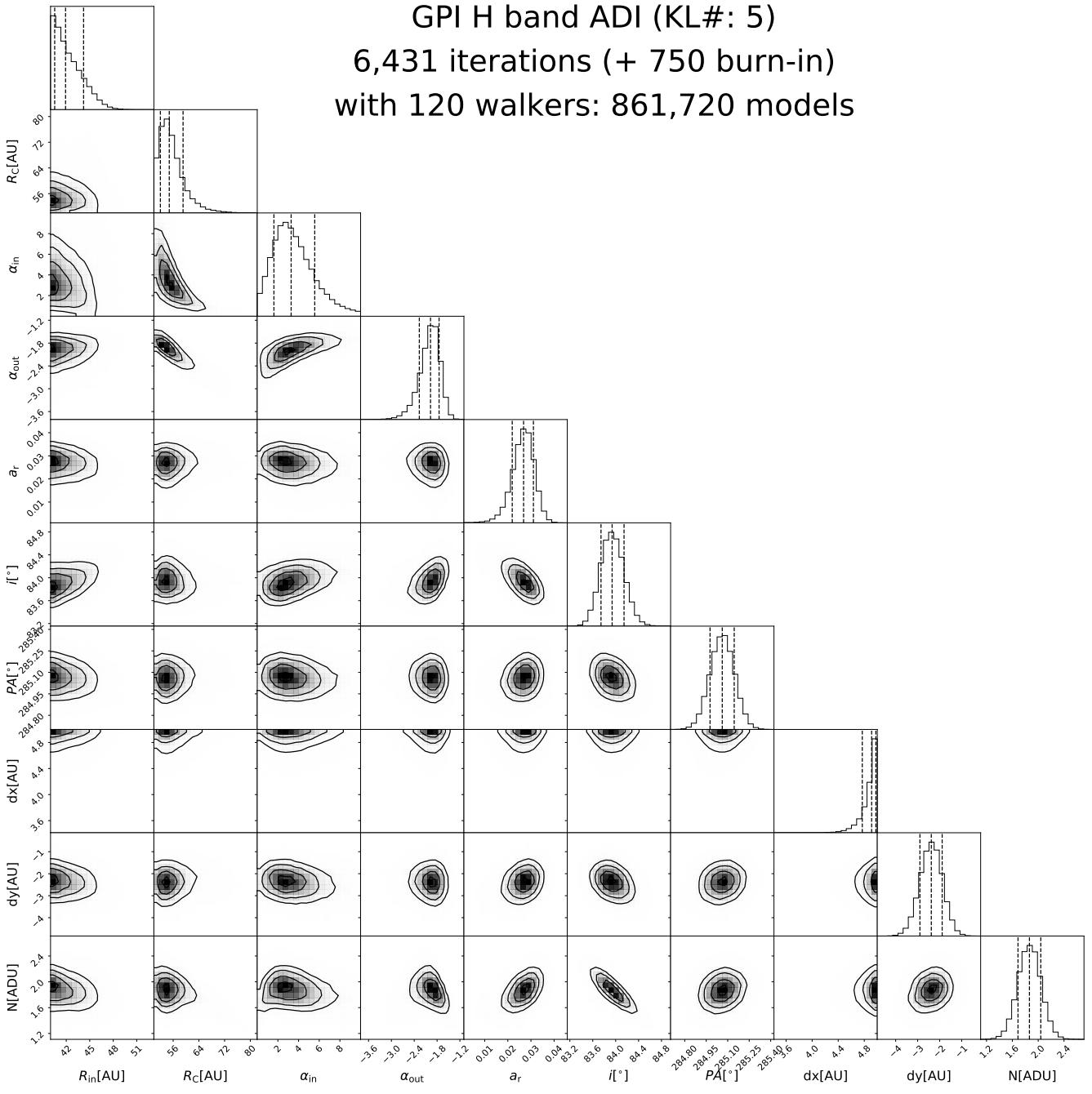
**Figure A1.** Posterior distribution for HD 32297  $H$ -band models.



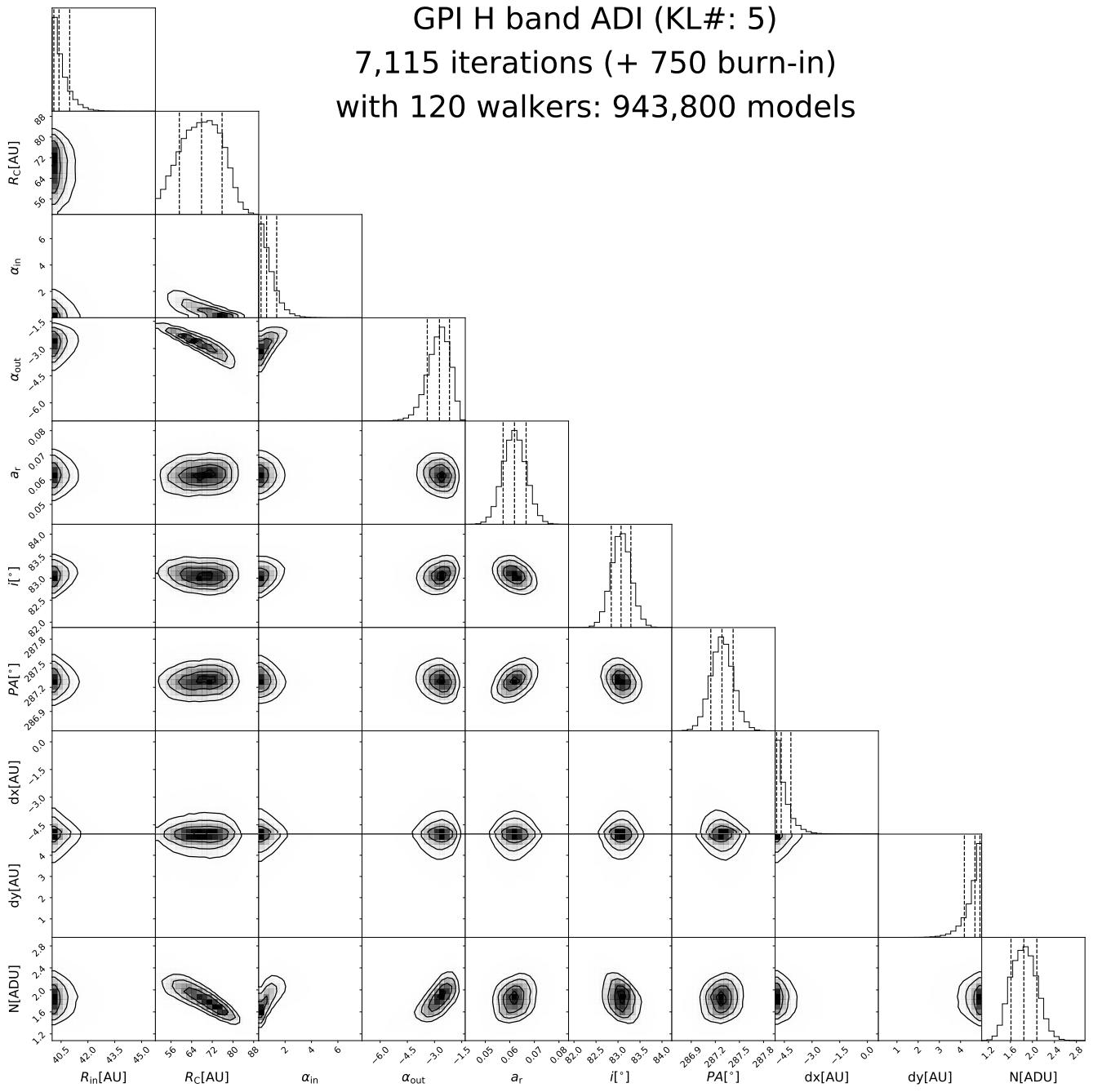
**Figure A2.** Posterior distribution for HD 32297  $KI$ -band models.



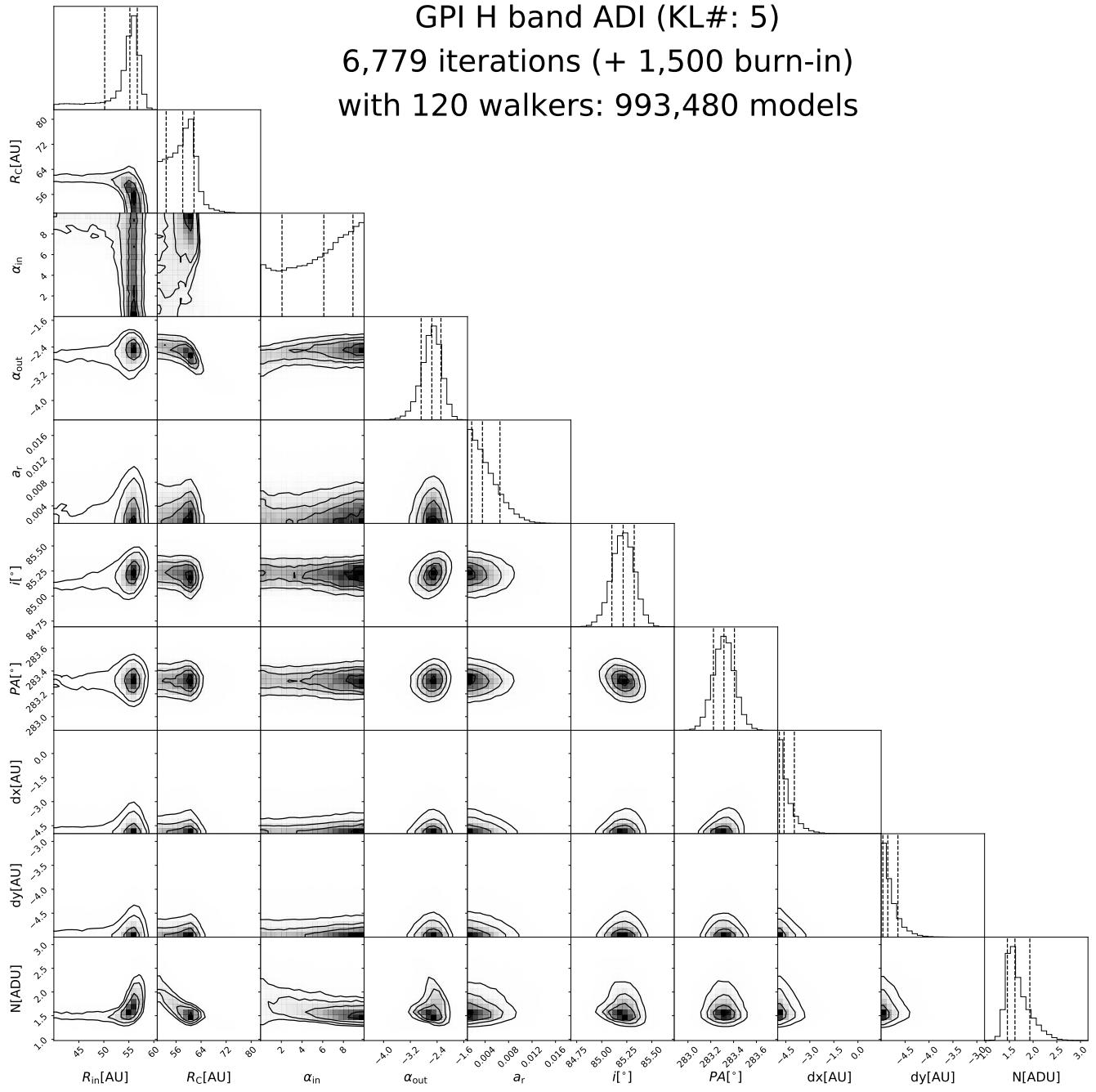
**Figure A3.** Posterior distribution for HD 35841  $H$ -band models.



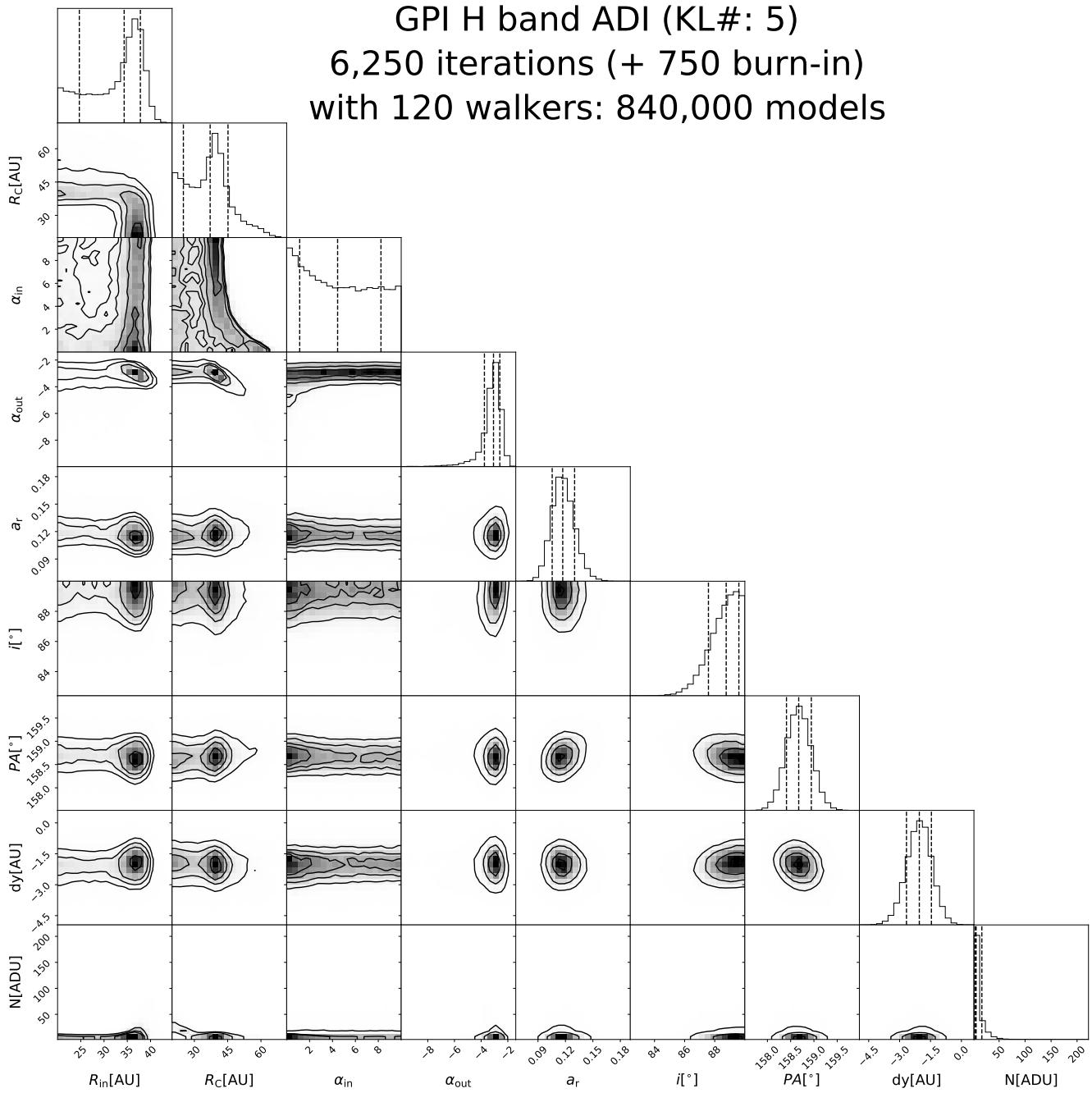
**Figure A4.** Posterior distribution for HD 106906 whole disk  $H$ -band models.



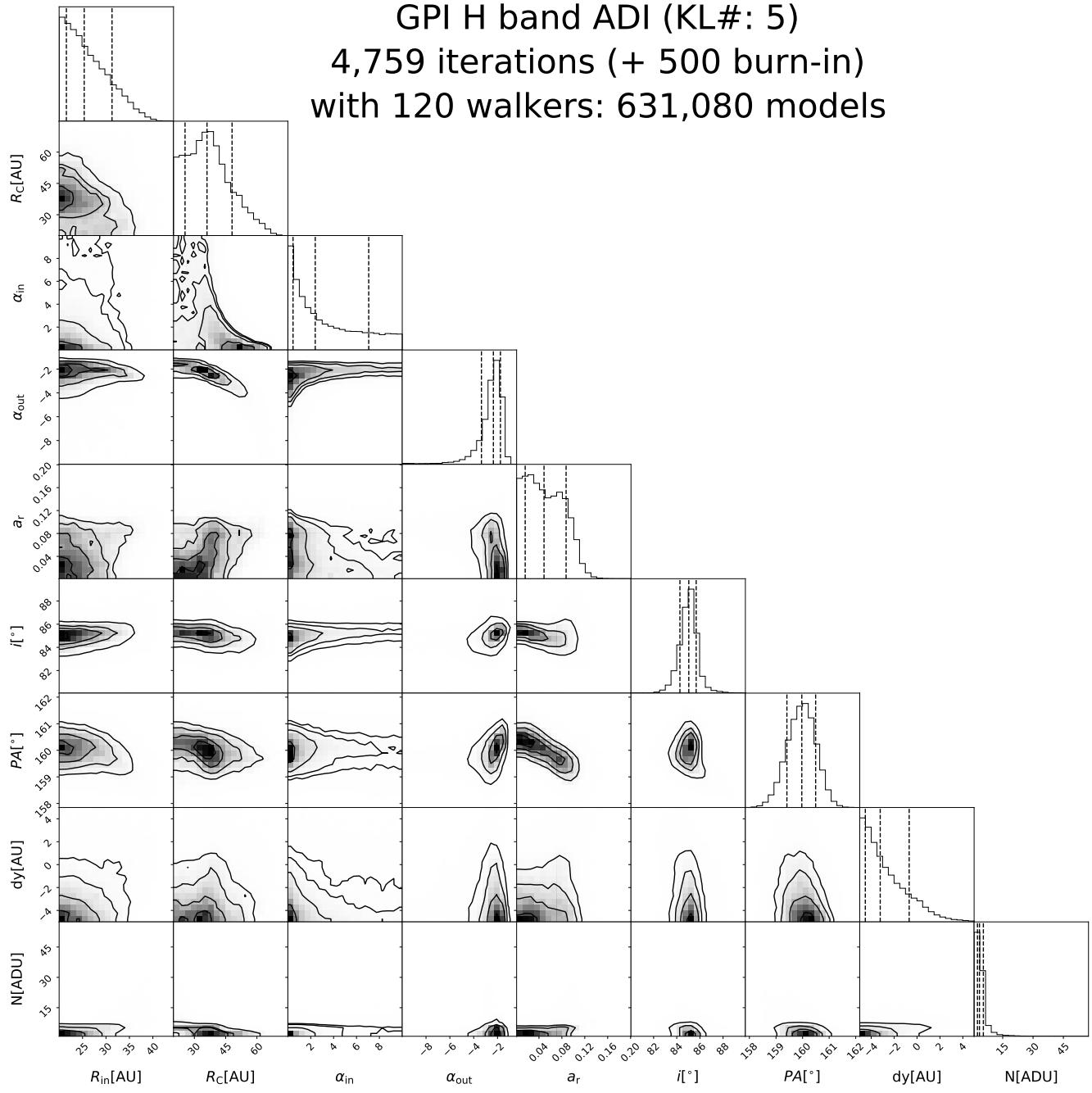
**Figure A5.** Posterior distribution for HD 106906 NW  $H$ -band models.



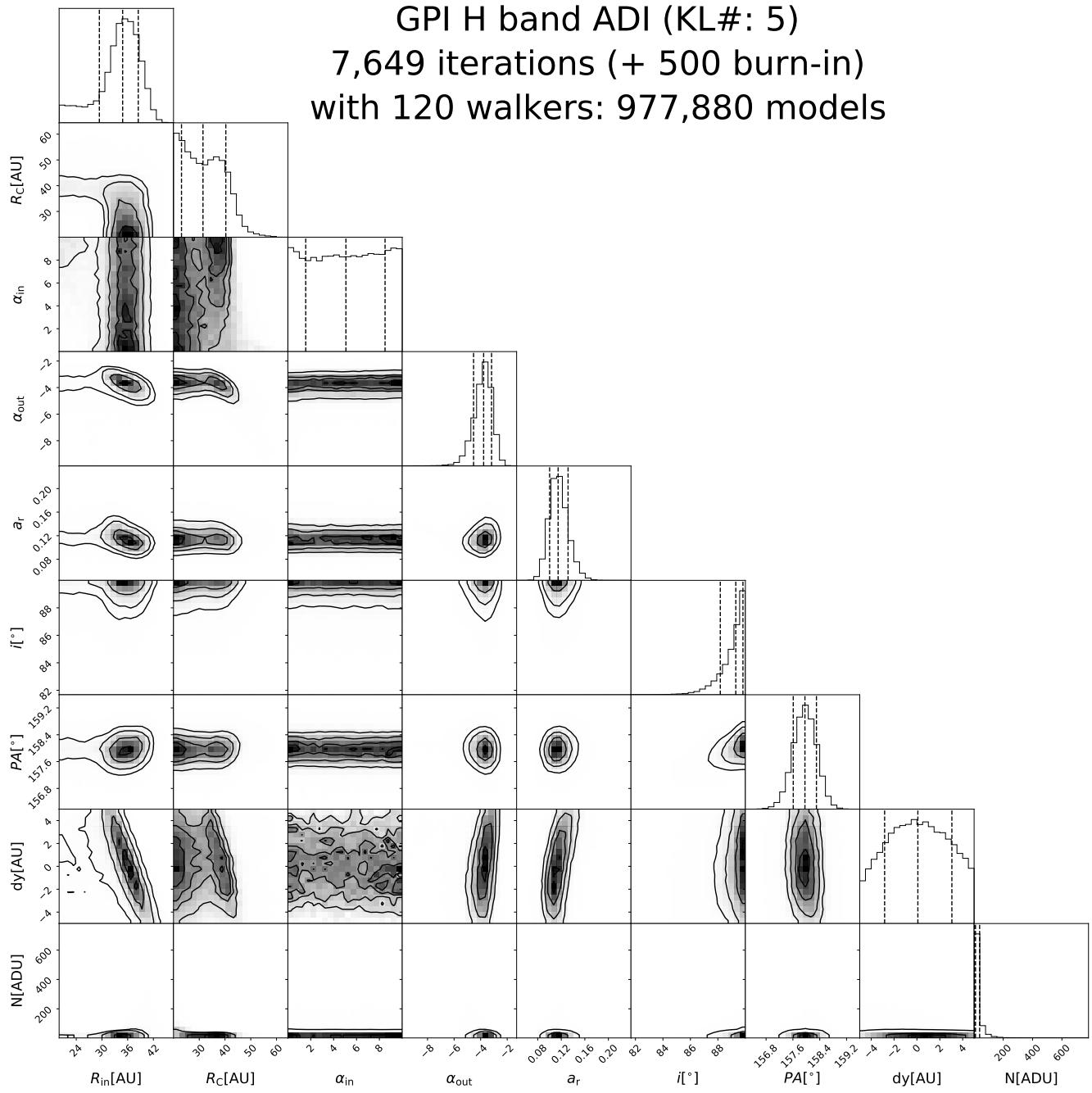
**Figure A6.** Posterior distribution for HD 106906 SE  $H$ -band models.



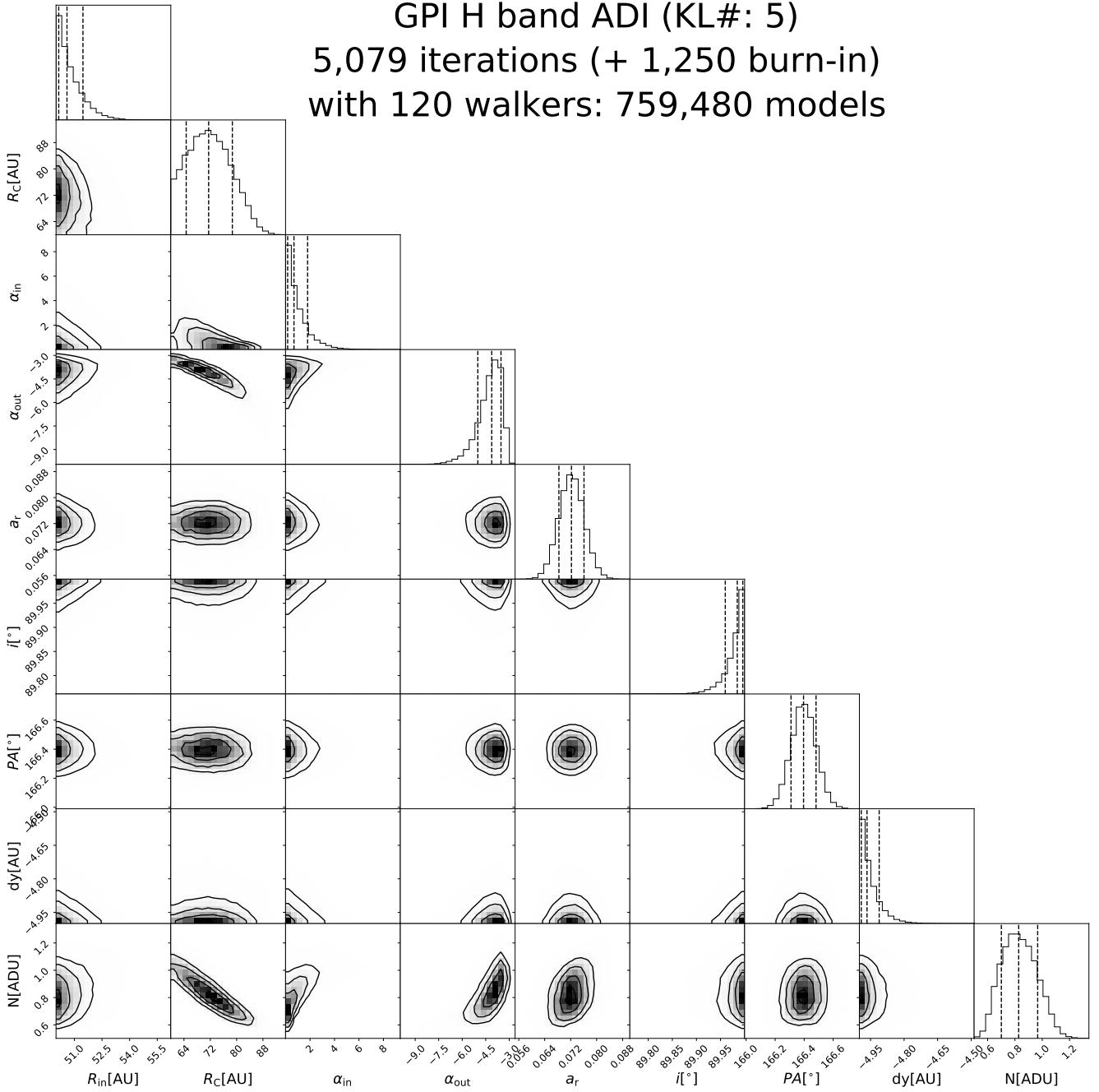
**Figure A7.** Posterior distribution for HD 110058 whole disk  $H$ -band models.



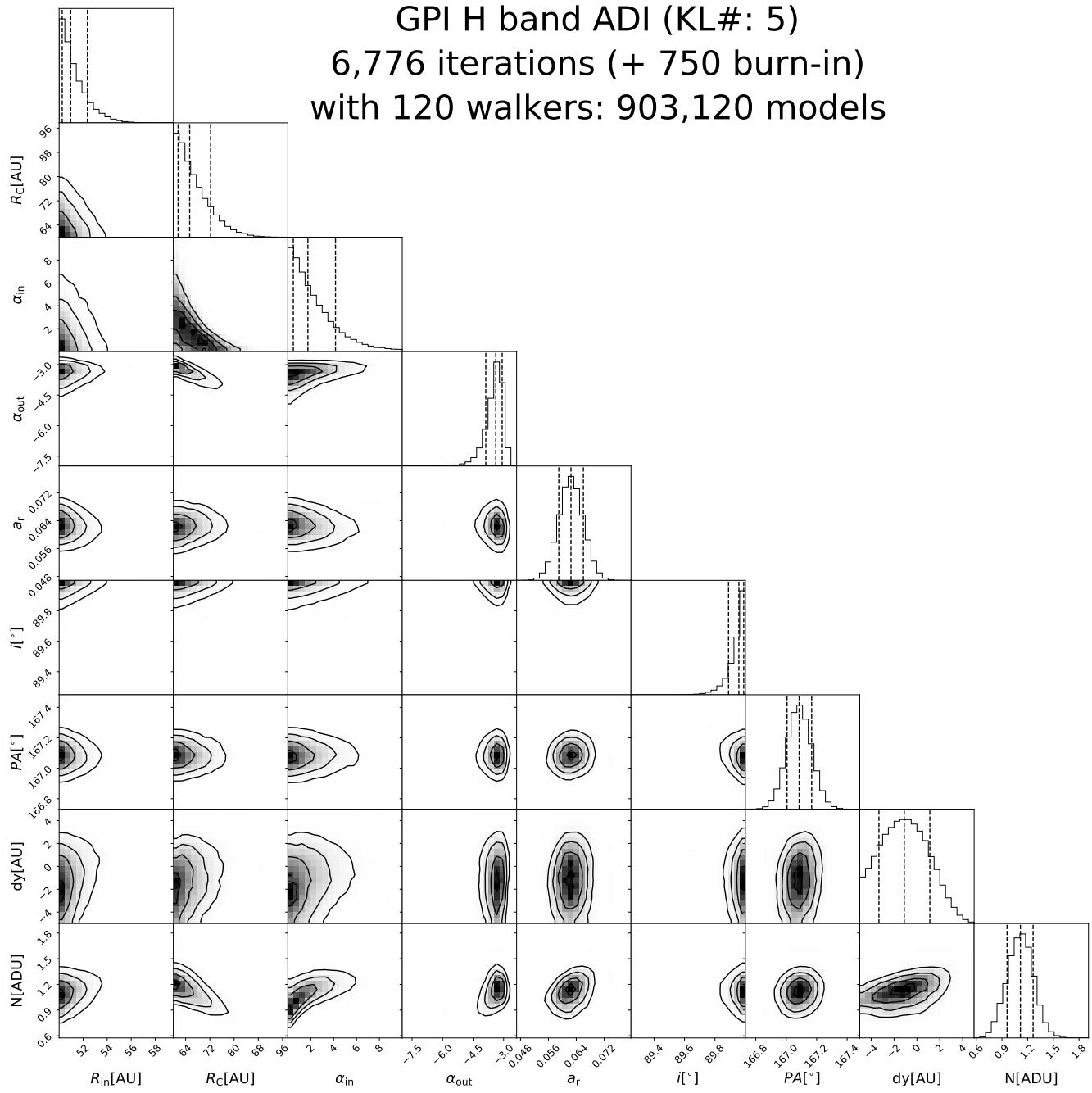
**Figure A8.** Posterior distribution for HD 110058 NW  $H$ -band models.



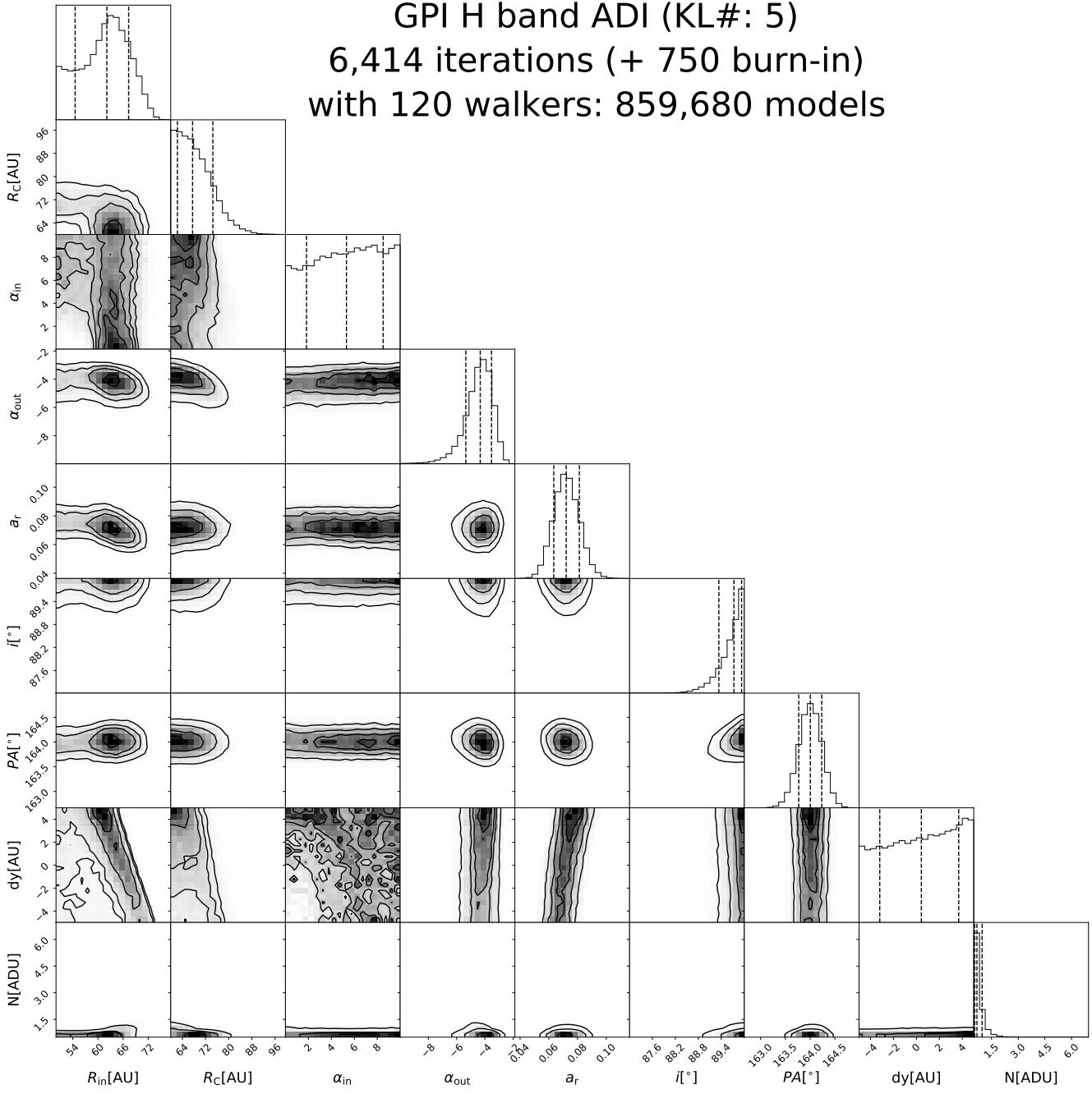
**Figure A9.** Posterior distribution for HD 110058 SE  $H$ -band models.



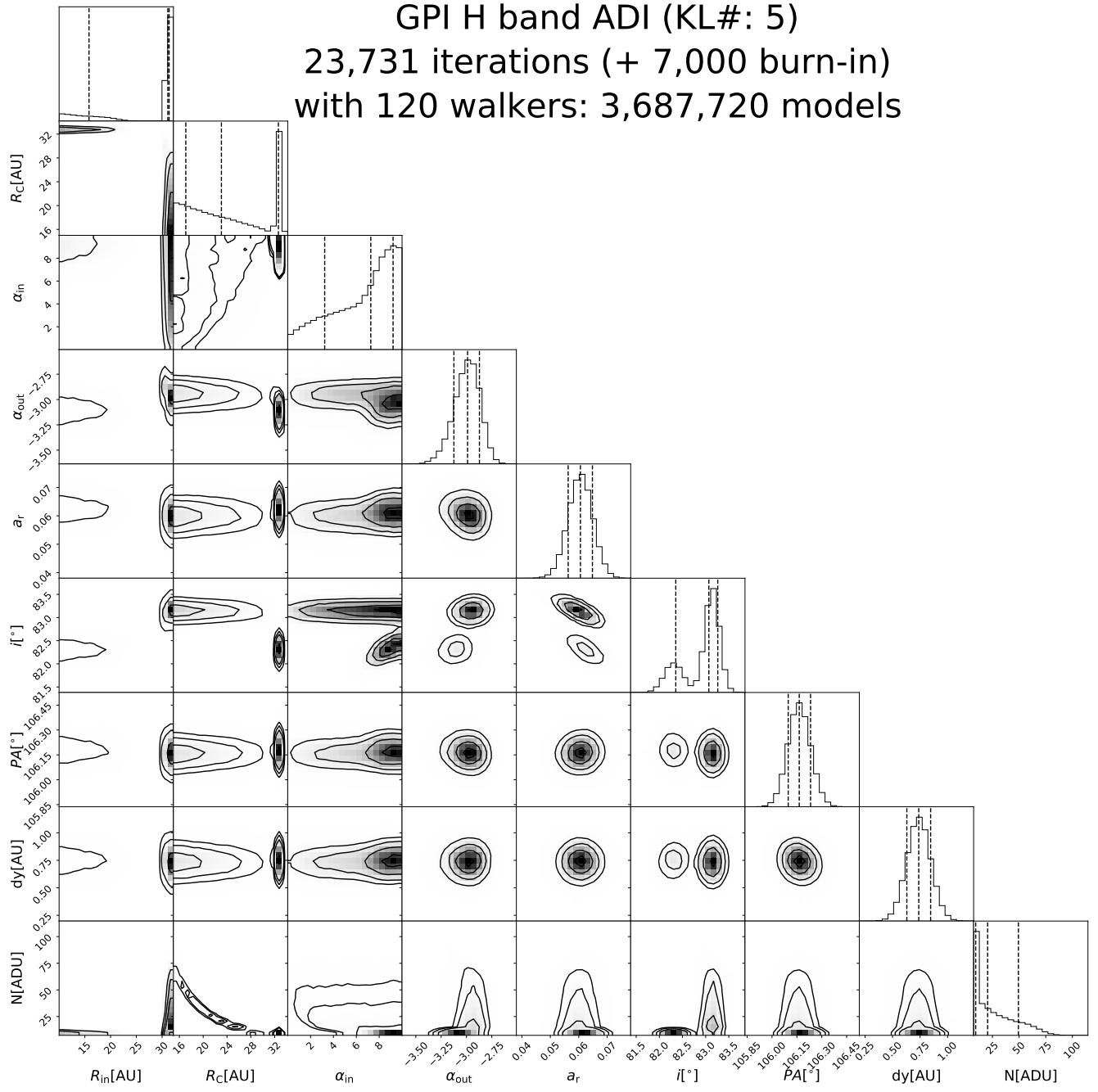
**Figure A10.** Posterior distribution for HD 111520 whole disk  $H$ -band models.



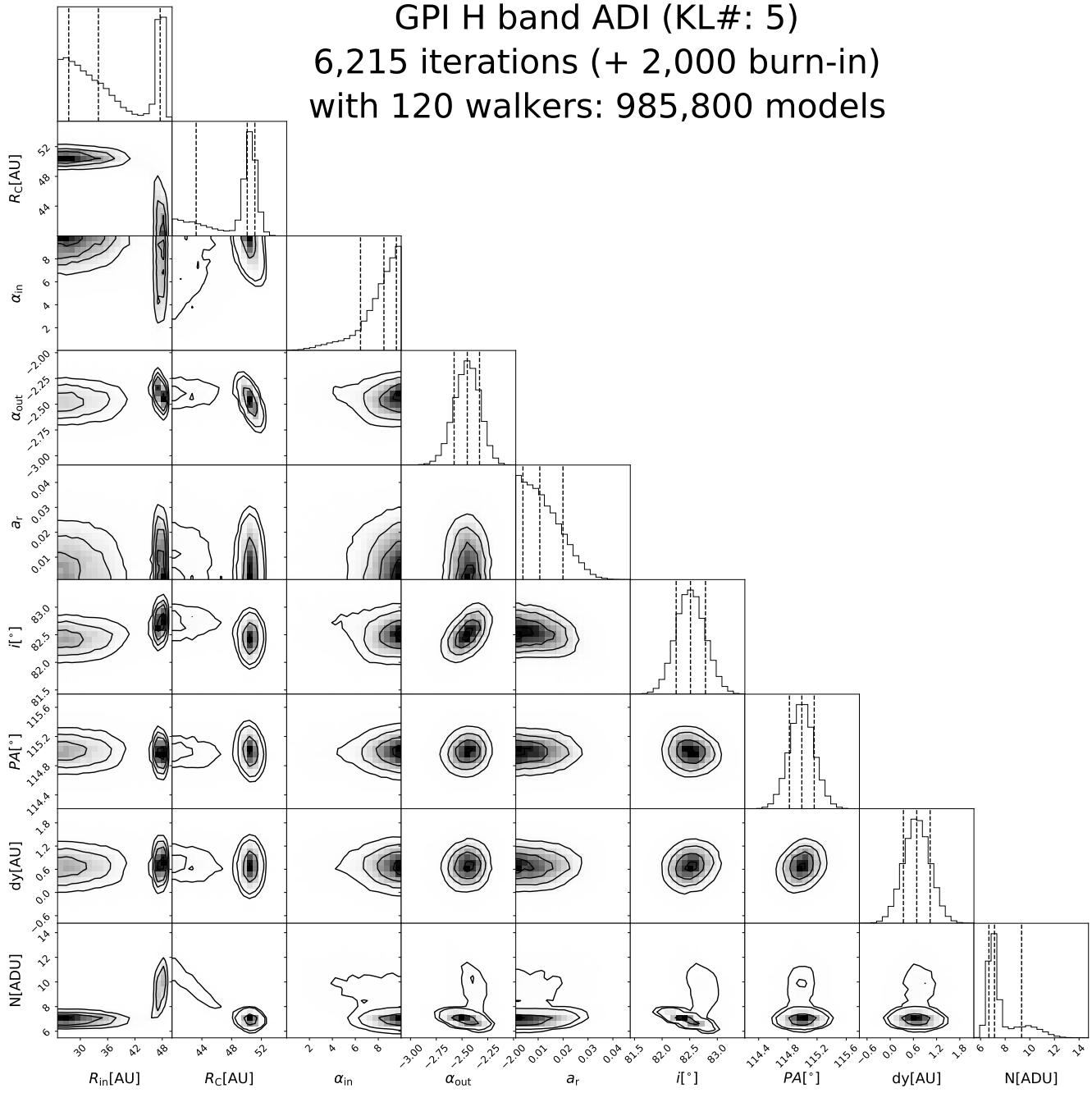
**Figure A11.** Posterior distribution for HD 111520 NW  $H$ -band models.



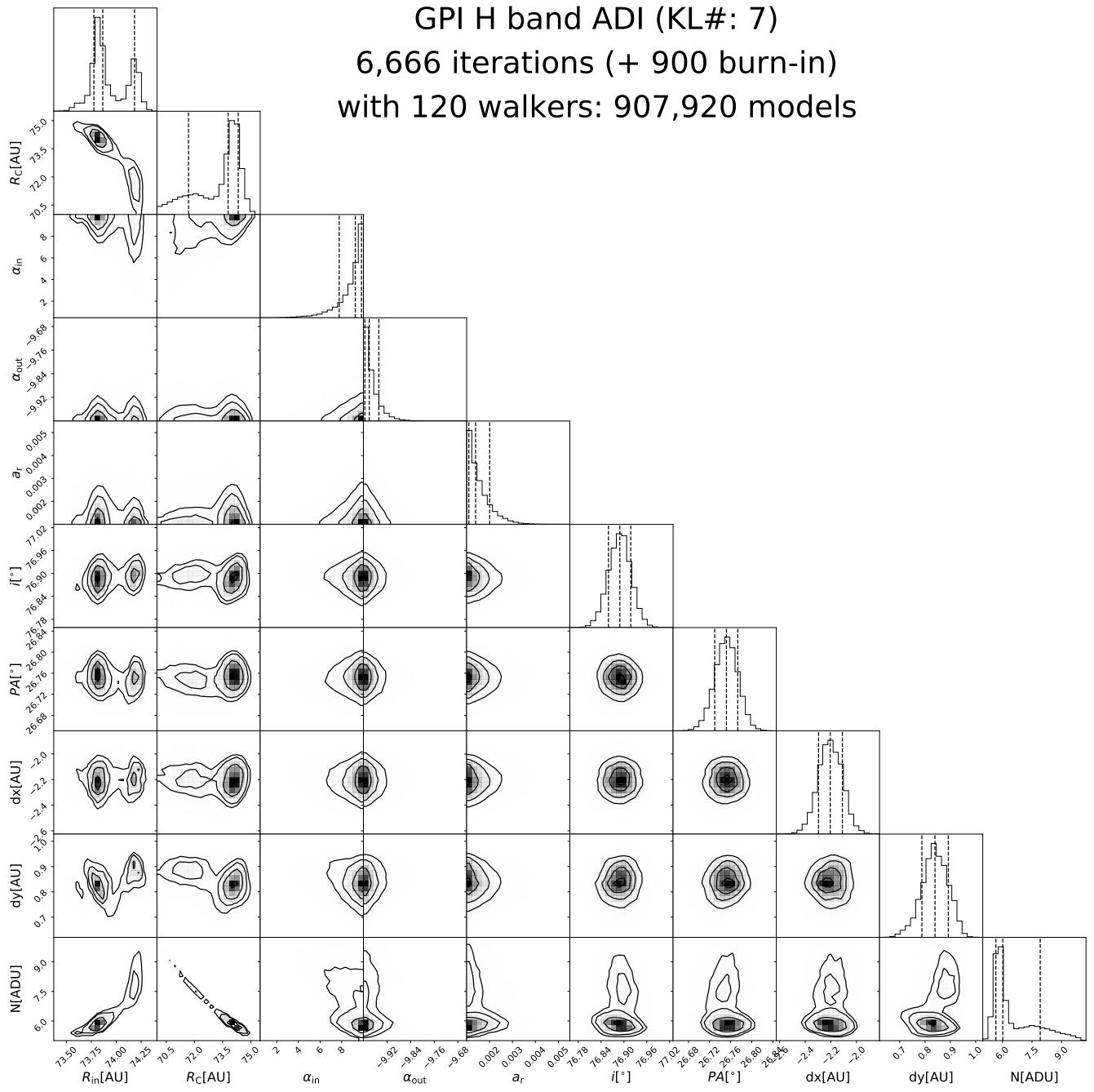
**Figure A12.** Posterior distribution for HD 111520 SE *H*-band models.



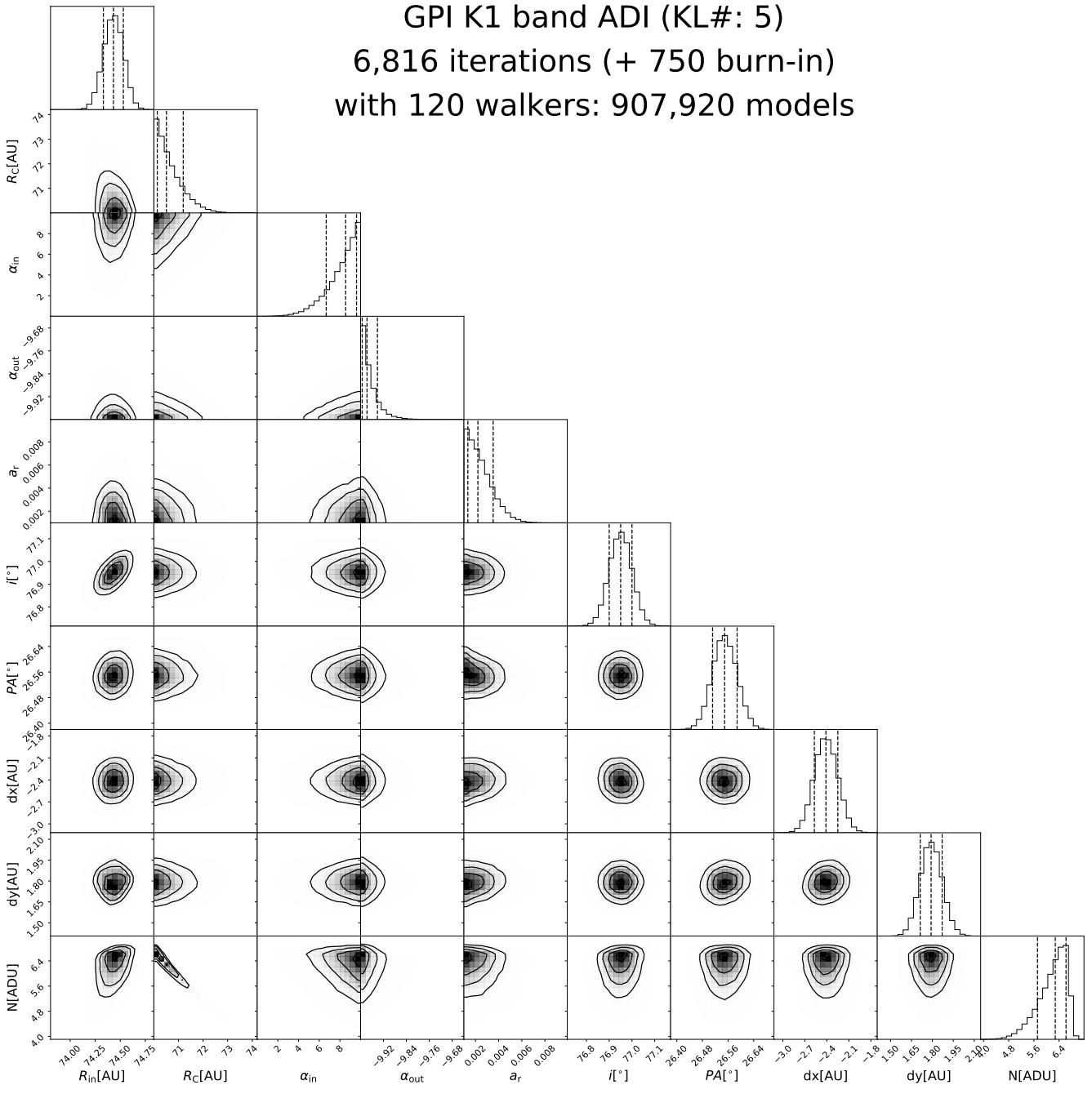
**Figure A13.** Posterior distribution for HD 114082  $H$ -band models.



**Figure A14.** Posterior distribution for HD 146897  $H$ -band models.



**Figure A15.** Posterior distribution for the Milli et al. (2017) SPF HR 4796A *H*-band models.



**Figure A16.** Posterior distribution for the Milli et al. (2017) SPF HR 4796A  $KI$ -band models.