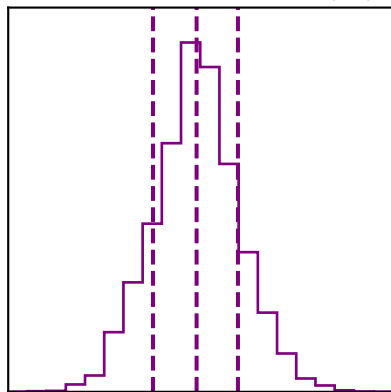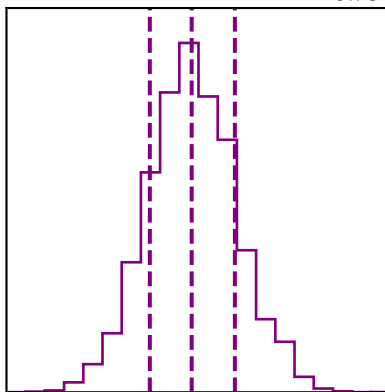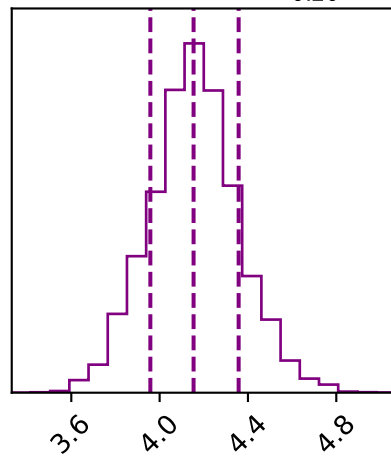location = $500.00^{+0.19}_{-0.20}$

amplitude = $19.53^{+0.81}_{-0.79}$
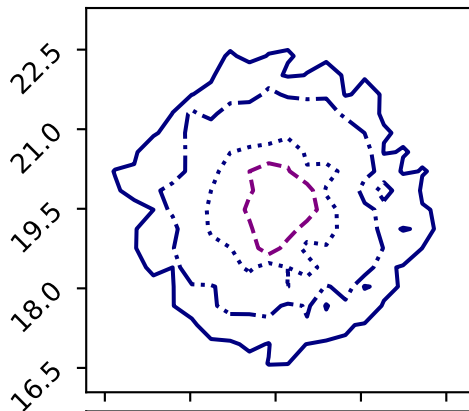
width = $4.15^{+0.20}_{-0.20}$

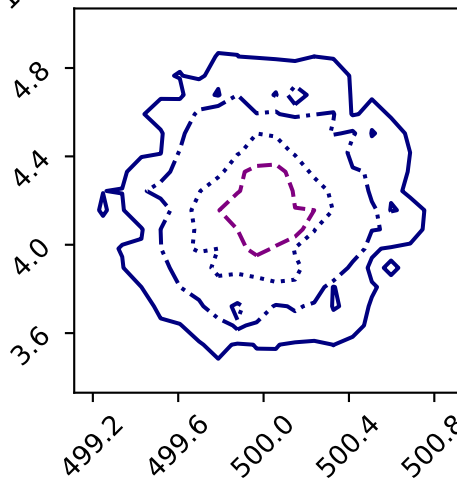credible prob level
- - - 68.3% marginal
- - - 39.3%
······ 68.3%
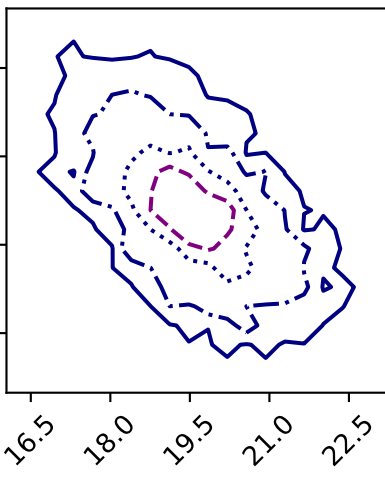-·-·- 95.5%
—— 99.7%