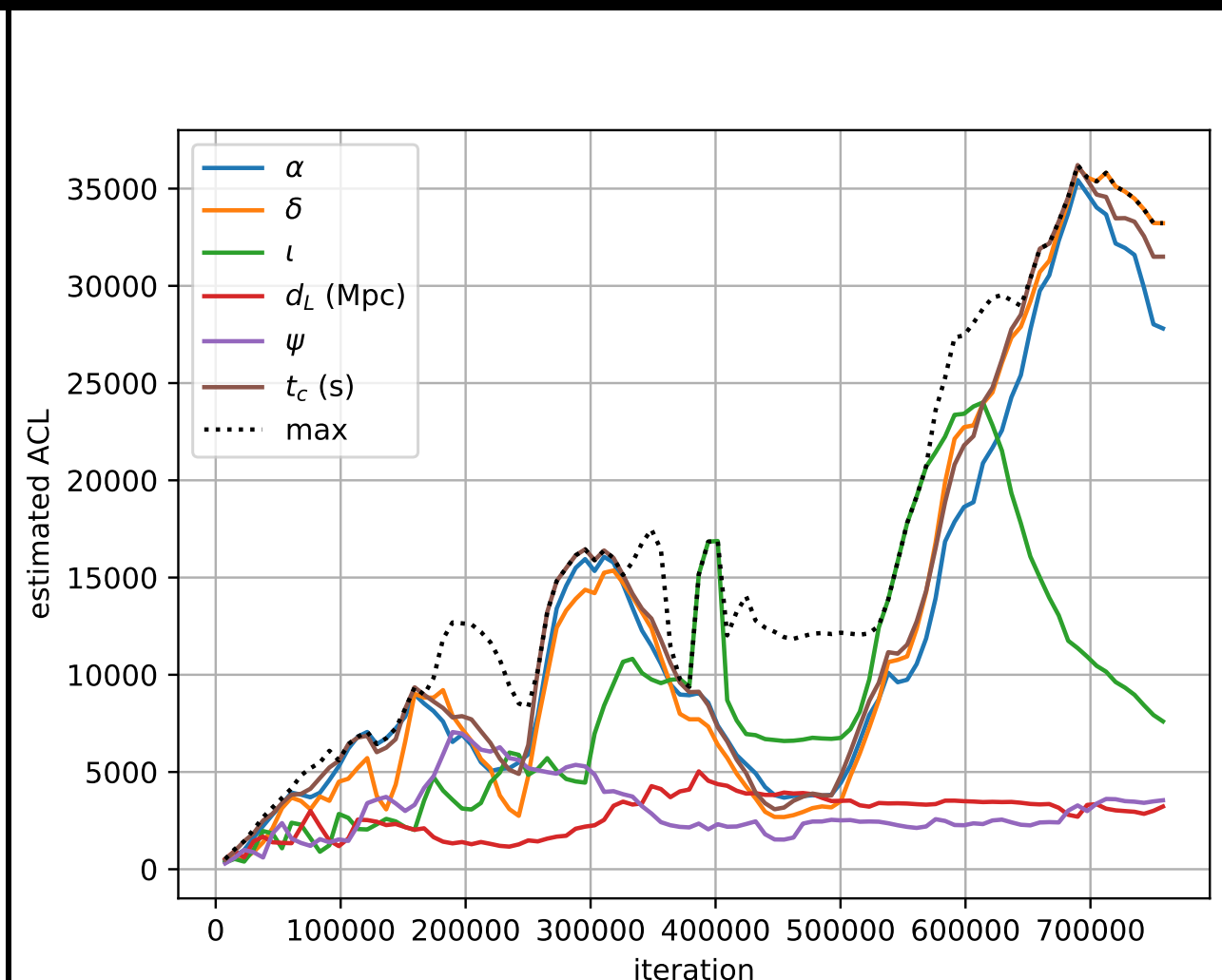
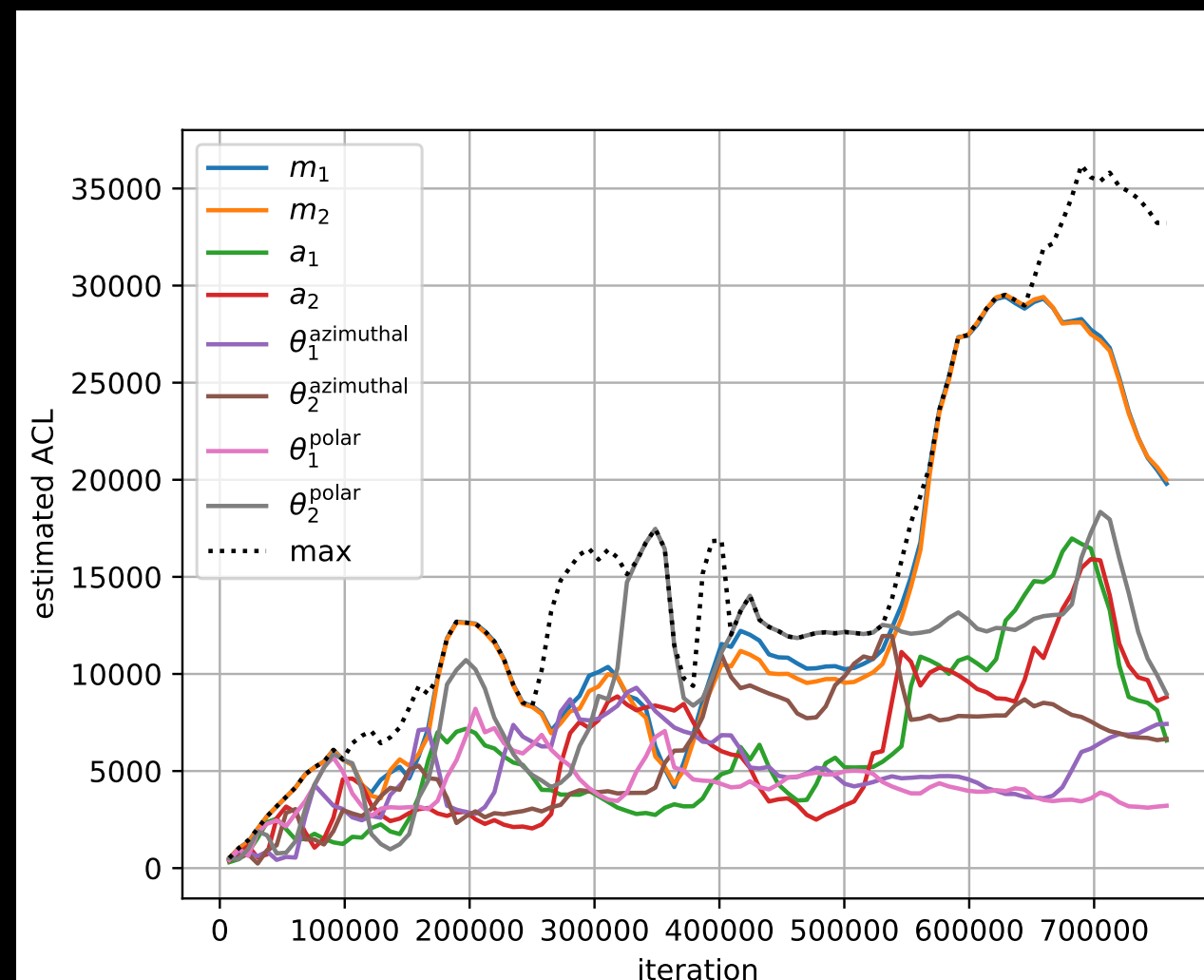


# ISSUES

- ▶ ACL can grow unbounded -> number of effective samples hits a limit
- ▶ This was with 200 walkers, 20 temps, no phase marginalization
- ▶ Can still happen with 1000 walkers without phase marginalization



# FUTURE WORK: EPSIE

- ▶ I have started my own MCMC sampler, [EPSIE](#)
- ▶ Not an ensemble sampler
- ▶ Parallel tempered, custom jump proposals
- ▶ Will have support in PyCBC Inference soon ([PR](#))
- ▶ See the [Epsie tutorial](#) for more details