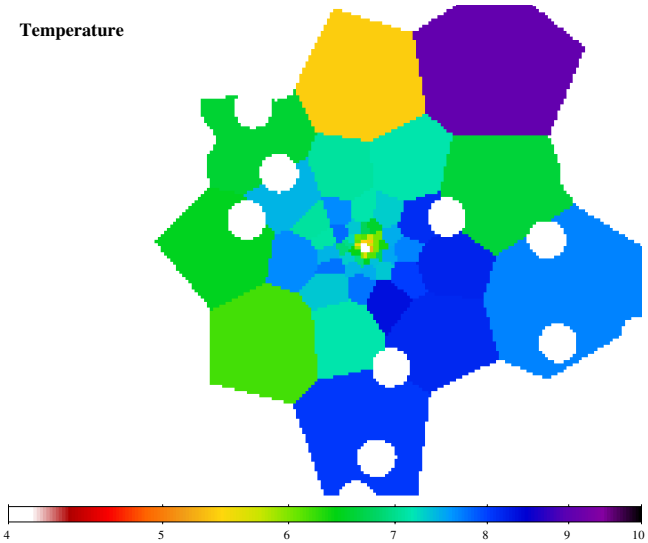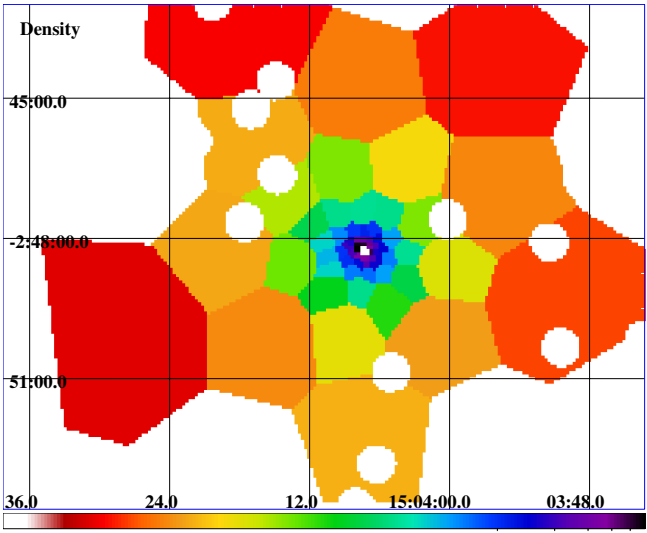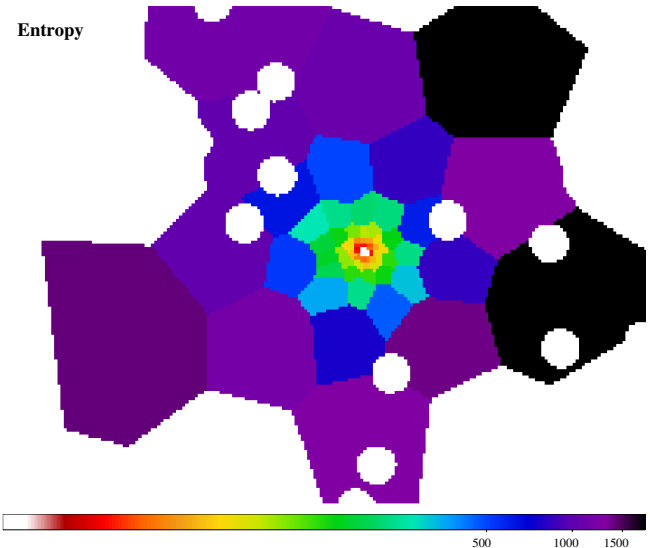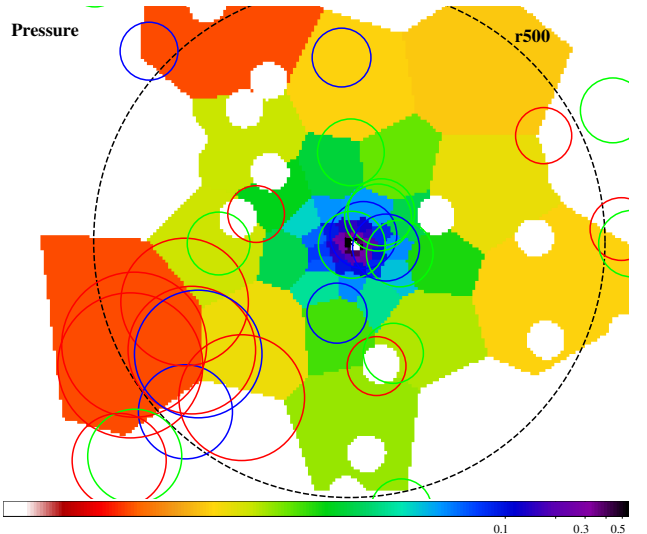1. X-ray 2D spectrally measured maps