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Steep Circumgalactic Entropy Profiles Around Powerful Radio Sources

Wednesday 17 August 2022 09:50 (25 minutes)

I will present (relatively) high resolution Chandra X-ray profiles around (again, relatively) nearby but powerful radio sources. These profiles show steeply increasing gas entropy profiles from the central black holes to the outskirts. I will explain why these profiles are not “runaway” events, but evidence of how AGN regulation works when the AGN feedback energy is dumped far from the central source.

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