



CHANDRA X-RAY

EHT

IMAGES NOT TO SAME SCALE

M87

Astronomers used Chandra to observe Messier 87, or M87, during the April 2017 observing run by the Event Horizon Telescope (EHT), which captured the first direct image of a black hole. The X-ray data from Chandra, in combination with the radio image from the EHT and other observations, will help scientists learn more about high-energy emission and the physics of accretion and ejection at the event horizon, the boundary between what can and cannot escape the gravitational boundary of a black hole. Chandra has studied M87 many times over its over 20-year mission and sees a much wider field of view than the EHT.

APRIL 2020

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