



SEPTEMBER 2021

S	M	T	W	Th	F	Sa
			1	2	3	4
5	6 ○ Labor Day	7	8	9	10	11
12	13 ◐	14	15	16	17	18
19	20 ●	21	22	23	24	25
26	27	28 ◑	29	30		

PERSEUS GALAXY CLUSTER

Astronomers used Chandra to look for extraordinarily low-mass “axion-like” particles in the Perseus galaxy cluster, which is located about 240 million light years from Earth. A Chandra observation lasting over five days of the central supermassive black hole in the center of the cluster showed no evidence for certain axion-like particles, which some theorists think can explain dark matter. This image contains Chandra data of Perseus where the X-rays are red, green, and blue. Credit: NASA/CXC/Univ. of Cambridge/C. Reynolds et al.