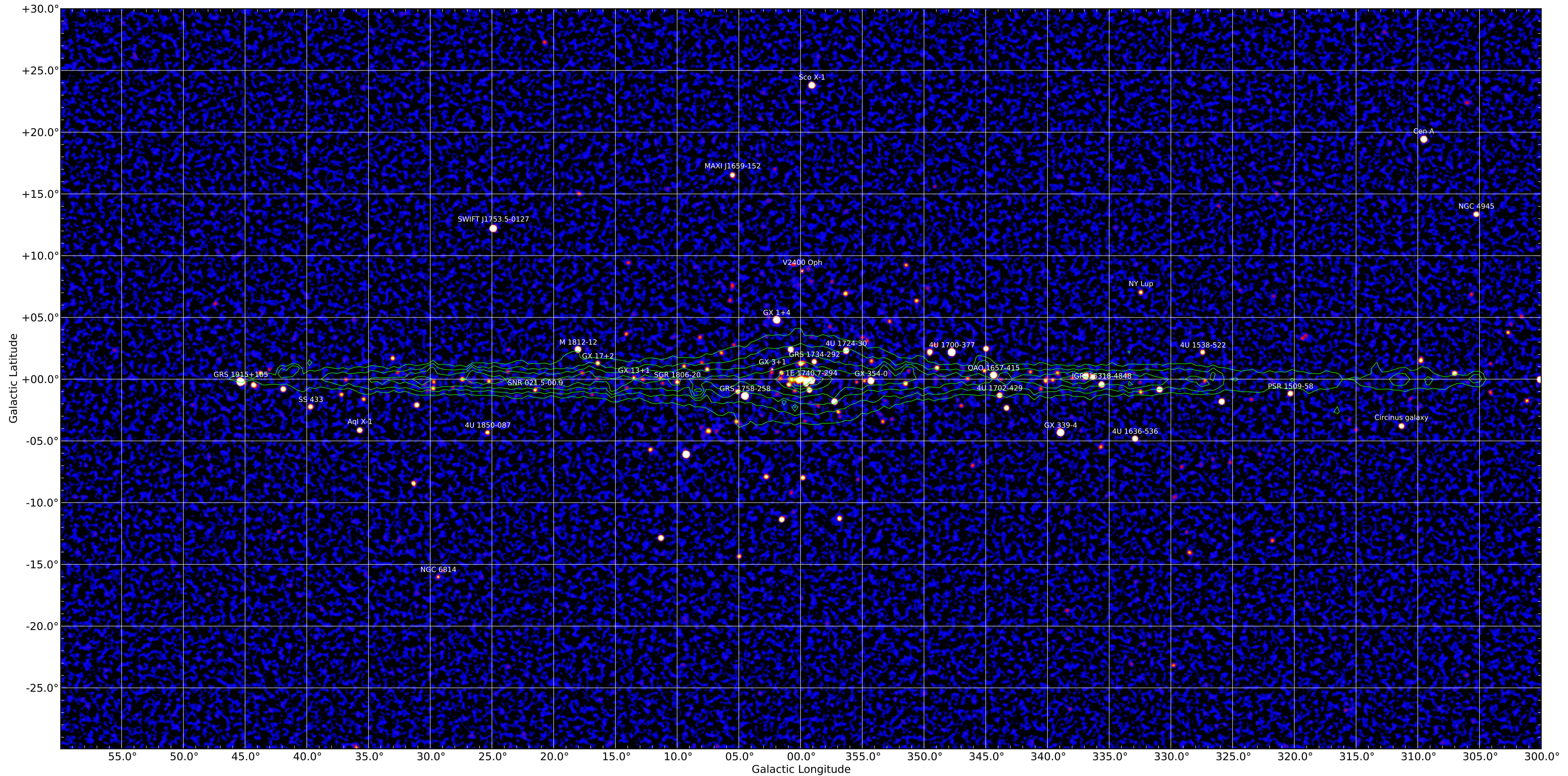


# A broad view on the Milky Way

INTEGRAL/IBIS nine-year Galactic hard X-ray survey<sup>†</sup>



## Introduction

Our Milky Way is the “nearest” galaxy where we can study the population of X-ray sources in great detail. However, in order to obtain an overall picture, one needs wide-angle telescopes, such as the ones on-board the INTEGRAL observatory. Surveying our Milky Way Galaxy in hard X-rays is one of the tasks which INTEGRAL performed with great success (INTEGRAL Picture Of the Month, August 2012).

## Description

INTEGRAL/IBIS hard X-ray (35 – 80 keV) map of the sky averaged over nine years starting in 2003. The green contours are isophotes of the 4.9 micron surface brightness of the Galaxy (COBE/DIRBE) revealing the bulge/disk structure of the Galaxy.

## References

*INTEGRAL/IBIS nine-year Galactic hard X-ray survey*  
R. Krivonos, S. Tsygankov, A. Lutovinov, M. Revnivtsev, E. Churazov, R. Sunyaev  
Astronomy & Astrophysics, Volume 545, id.A27

<http://hea.iki.rssi.ru/integral/nine-years-galactic-survey/index.php>

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