## **Galactic supershell GS242-03+37, a cradle of stellar clusters**

S. Ehlerová, J. Palouš Astronomical Institute, Czech Academy of Sciences

- Connection between HI shells and CO clouds in the outer Milky Way (Ehlerová & Palouš, 2016):
  HI shells slightly support the creation of CO
- GS242-03+37: a large and energetic supershell in the outer Milky Way. Is it connected to young clusters?
- Several young clusters (age < 10 Myr) lie in the wall of GS242-0.3+37. They were probably created from the gas swept-up by the shell.



Increase in number of CO clouds (%)



Ehlerová & Palouš: Galactic supershell GS242-03+37; EWASS 2016

T<sub>HIcutoff</sub> (K)

## Galactic supershell GS242-03\_37



Ehlerová & Palouš: Galactic supershell GS242-03+37; EWASS 2016