

Breaking news on the Sextans dSph

The last stages of star formation

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Up to now

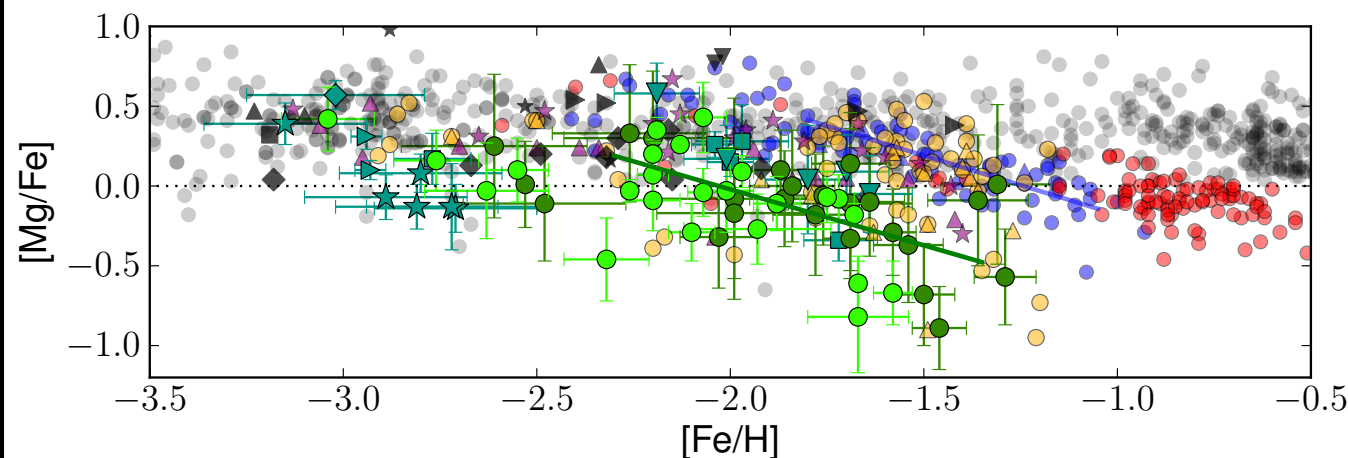
- only 14 RGB stars (5 + 6 + 2 + 1) studied in high resolution spectroscopy
- abundance determination from 4 to 19 elements

This high resolution study

- 87 RGB stars
- abundance determination up to 10 elements
- in the center of Sextans

Aim

Understand the star formation history of this low-mass dark-dominated dwarf spheroidal galaxy mainly formed during the first 4 Gyr



Conclusion

Even with its small mass, Sextans appears as a very chemically advanced galaxy with an homogeneous stellar population in its center.