

# Neutron-capture in the wild: finding r-process enhanced metal-poor stars in the Milky Way and beyond

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## FINDING R-PROCESS ENHANCED STARS



## SPLUS J1424–2542

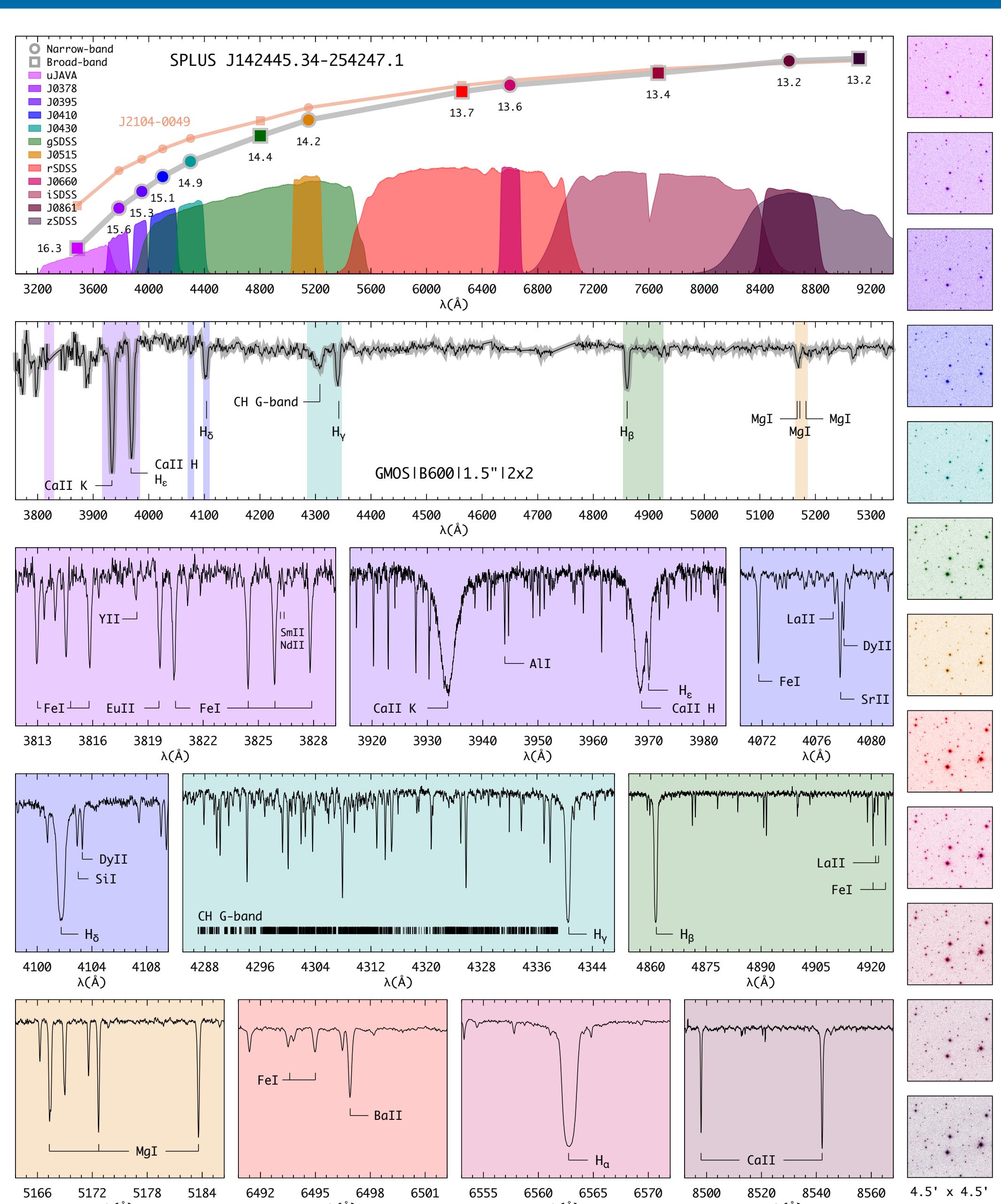


Figure 1:

## R-PROCESS SPECTRAL SYNTHESIS

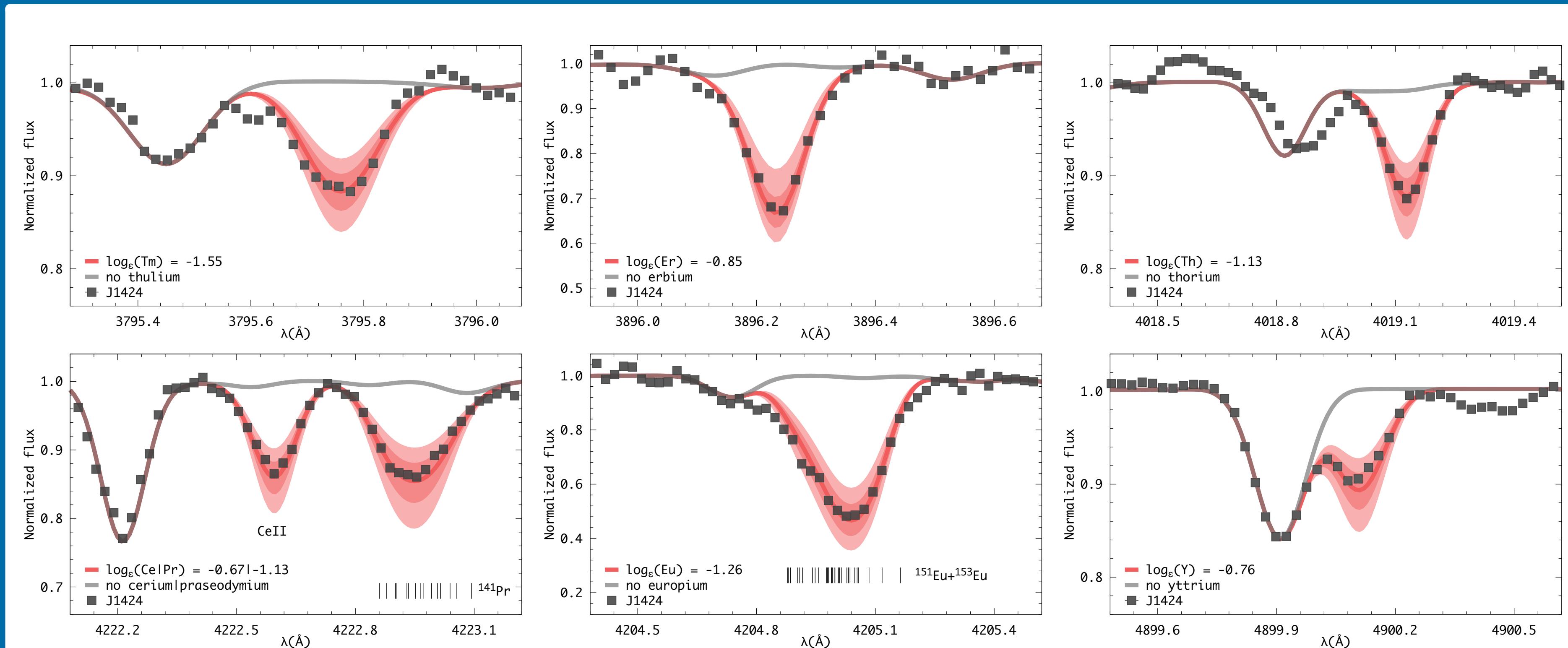


Figure 4:

## HEAVY-ELEMENT ABUNDANCE RATIOS

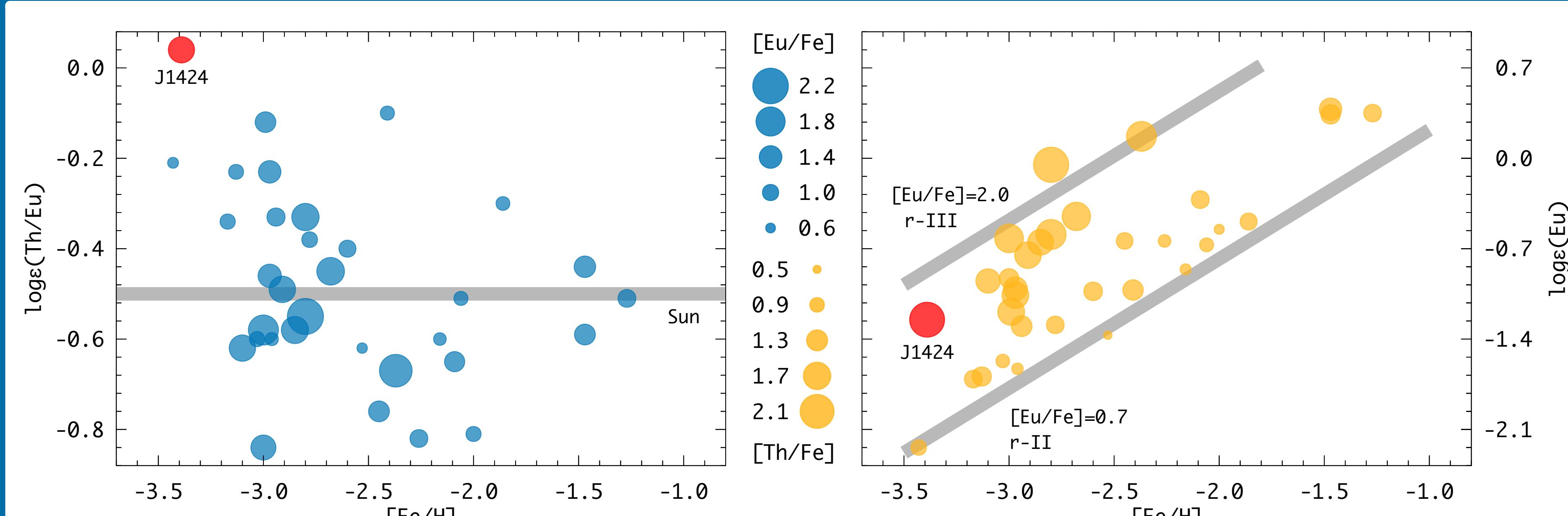


Figure 5:

## LIGHT-ELEMENT ABUNDANCE PATTERN

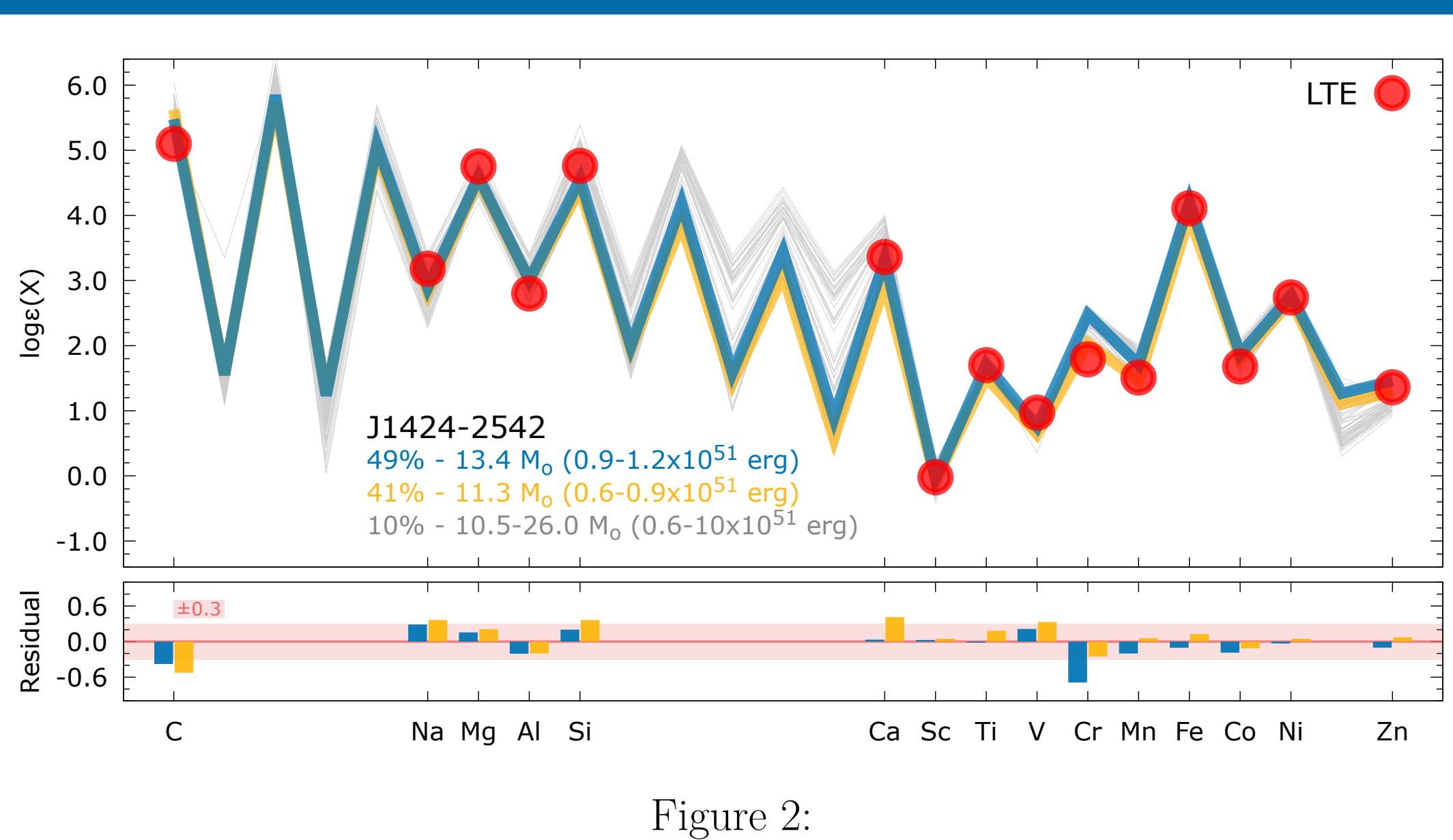


Figure 2:

## HEAVY-ELEMENT ABUNDANCE PATTERN

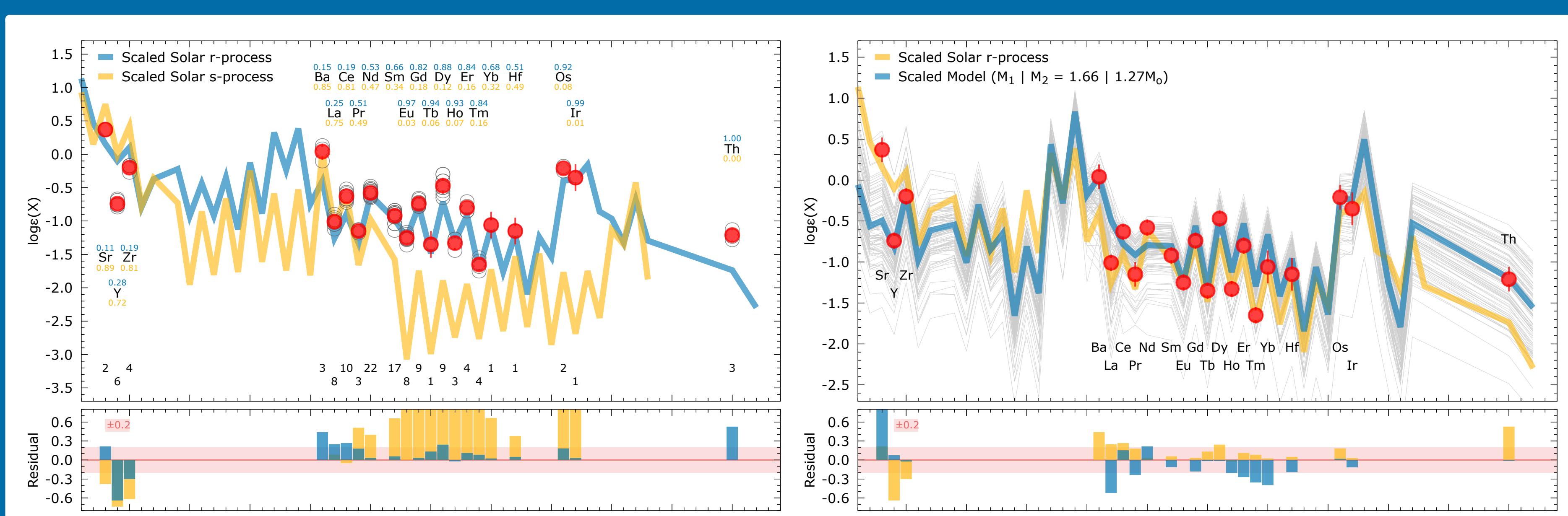


Figure 6:

## HALO SUBSTRUCTURE MEMBERSHIP

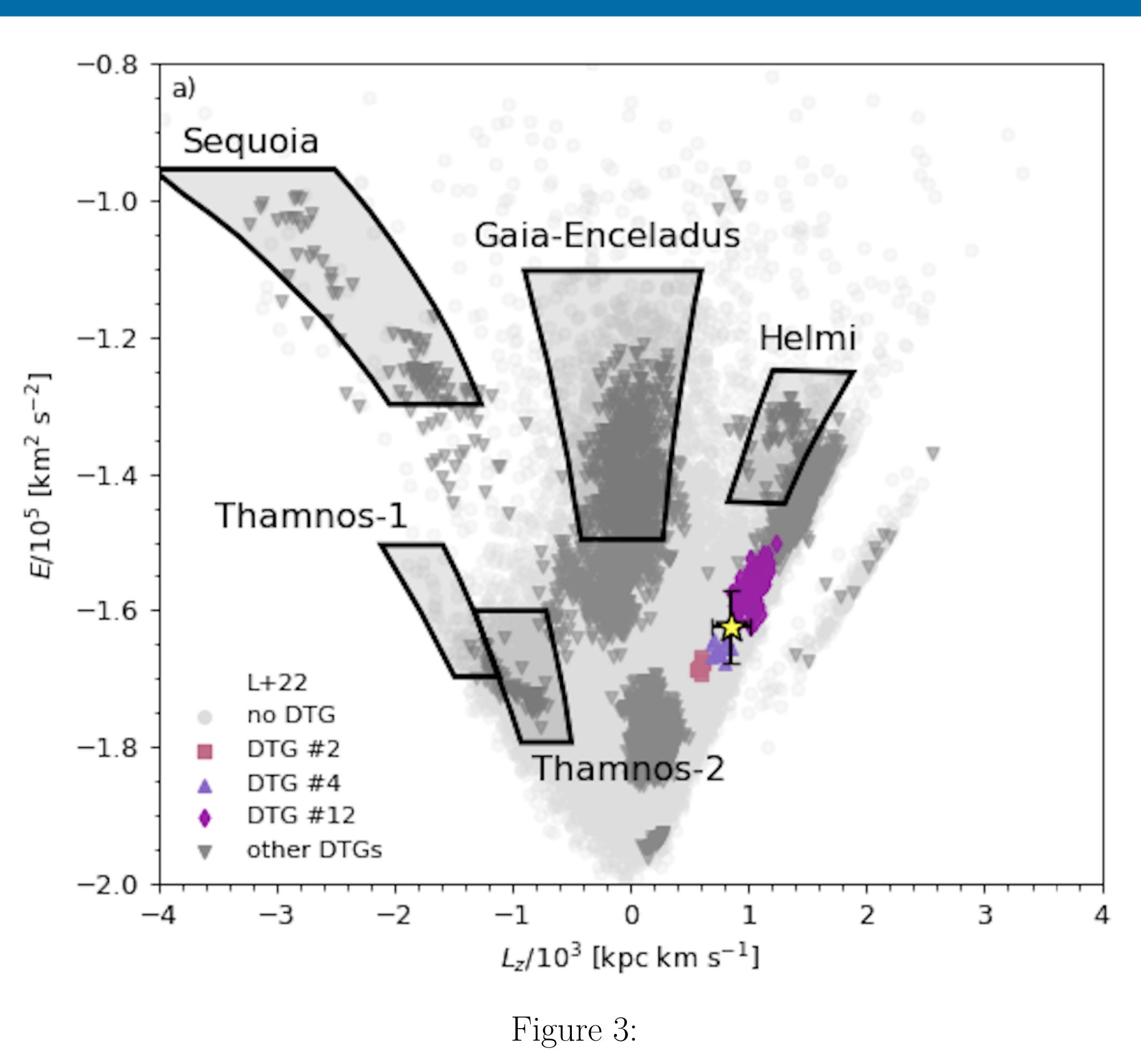


Figure 3:

## CONCLUSIONS AND FUTURE WORK

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## RESOURCES



## ACKNOWLEDGEMENT

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