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Abundance Differences of Dwarf Galaxy Streams and Fully Accreted Systems

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I will present a comparison between the abundance patterns in accreted dwarf galaxies and dwarf galaxy streams using data from Gaia, APOGEE, GALAH, as well as specific stream targeting surveys. Dwarf galaxy streams merged with the Milky Way at a much later time then phased mixed, fully accreted, systems. Understanding the differences in properties and evolution between these two groups is crucial to reconstruct the evolutionary history of both dwarf galaxies, and the whole Milky Way. Preliminary results have indicated that there is correlation between infall time of our fully accreted progenitors and their chemical composition, as well as a clear separation between our dwarf galaxy streams and their equivalent mass fully accreted systems. I will discuss the significance of these results as well as the challenges in using them to model the evolutionary history of these dwarf galaxies.

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