

The influence of massive early merger events on the chemo-dynamics of galaxy discs

Tobias Buck^{1,2*}, Aura Obreja³, et al.

¹Universität Heidelberg, Interdisziplinäres Zentrum für Wissenschaftliches Rechnen, Im Neuenheimer Feld 205, D-69120 Heidelberg, Germany

²Universität Heidelberg, Zentrum für Astronomie, Institut für Theoretische Astrophysik, Albert-Ueberle-Strae 2, 69120 Heidelberg, Germany

³Universitäts-Sternwarte München, Scheinerstrae 1, D-81679 München, Germany

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ABSTRACT

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Key words:

Galaxy: structure — Galaxy: evolution — Galaxy: kinematics and dynamics — galaxies: formation — Galaxy: disk — methods: numerical

1 INTRODUCTION

2 METHODS

3 RESULTS

Not sure, we get a high res version done until this paper will be submitted... Let's try g8.26e11

3.1 some different elements [X/Fe] vs. [Fe/H]

do different elements give us insight into different formation epochs of the MW? detailed galactic archeology is left for future work.

3.2 relative contribution of different enrichment channels in L* galaxies: SNII vs. AGB vs. SNIa

4 CONCLUSION

Our results are summarized as follows:

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at Leibniz Supercomputing Centre (www.lrz.de). This research was carried out on the High Performance Computing resources at New York University Abu Dhabi. This research made use of the PYNBODY Pontzen et al. (2013) package to analyze the simulations and used the PYTHON package MATPLOTLIB (Hunter 2007) to display all figures in this work. Data analysis for this work made intensive use of the PYTHON library SCIPLY (Jones et al. 01), in particular NUMPY AND IPYTHON (Walt et al. 2011; Pérez & Granger 2007). The article has been typeset using showyourwork! by Luger et al. (2021).

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* E-mail: tobias.buck@iwr-uni-heidelberg.de.de