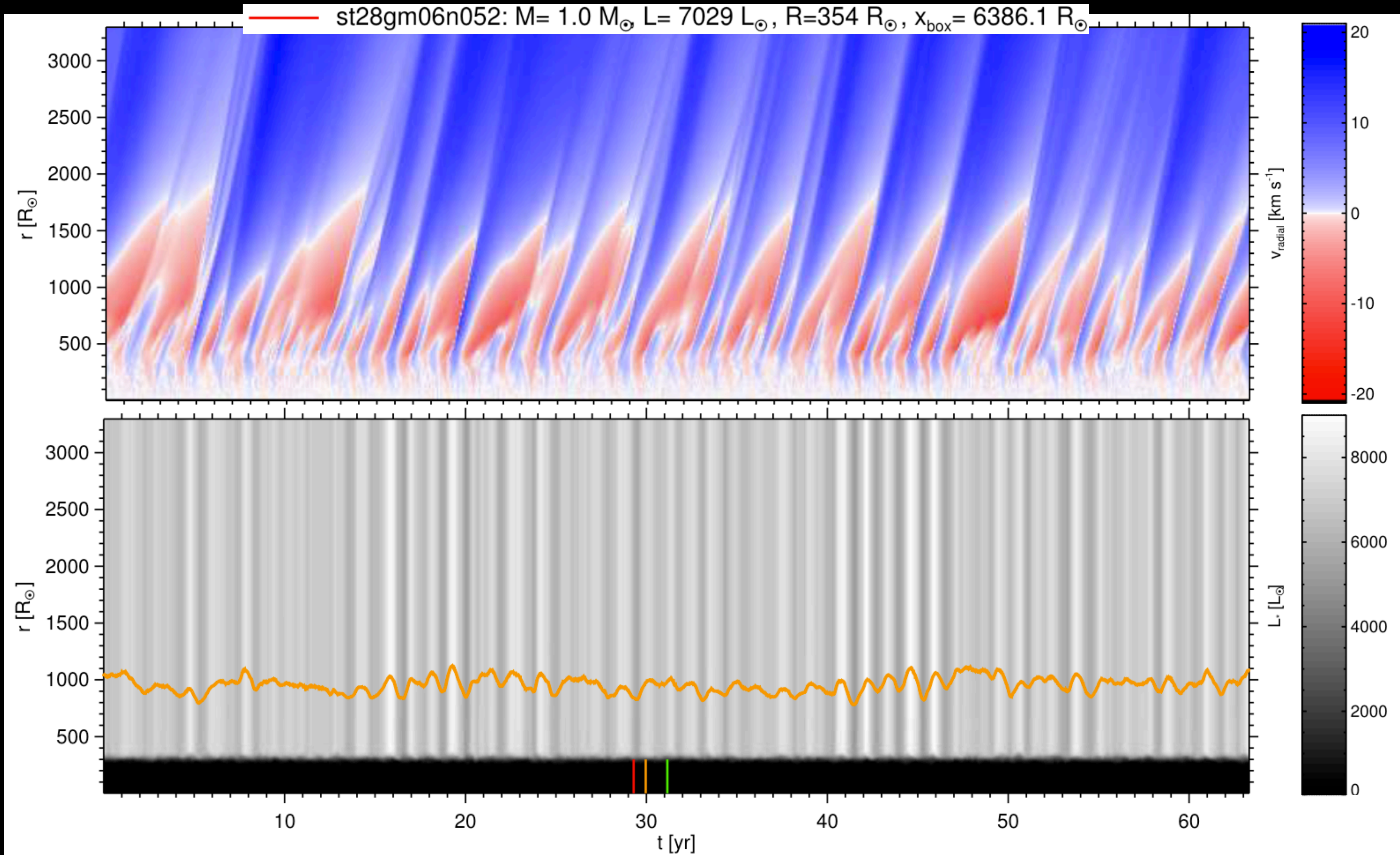


Appendix

Relation in RV and Luminosity



Appendix

Grain density

