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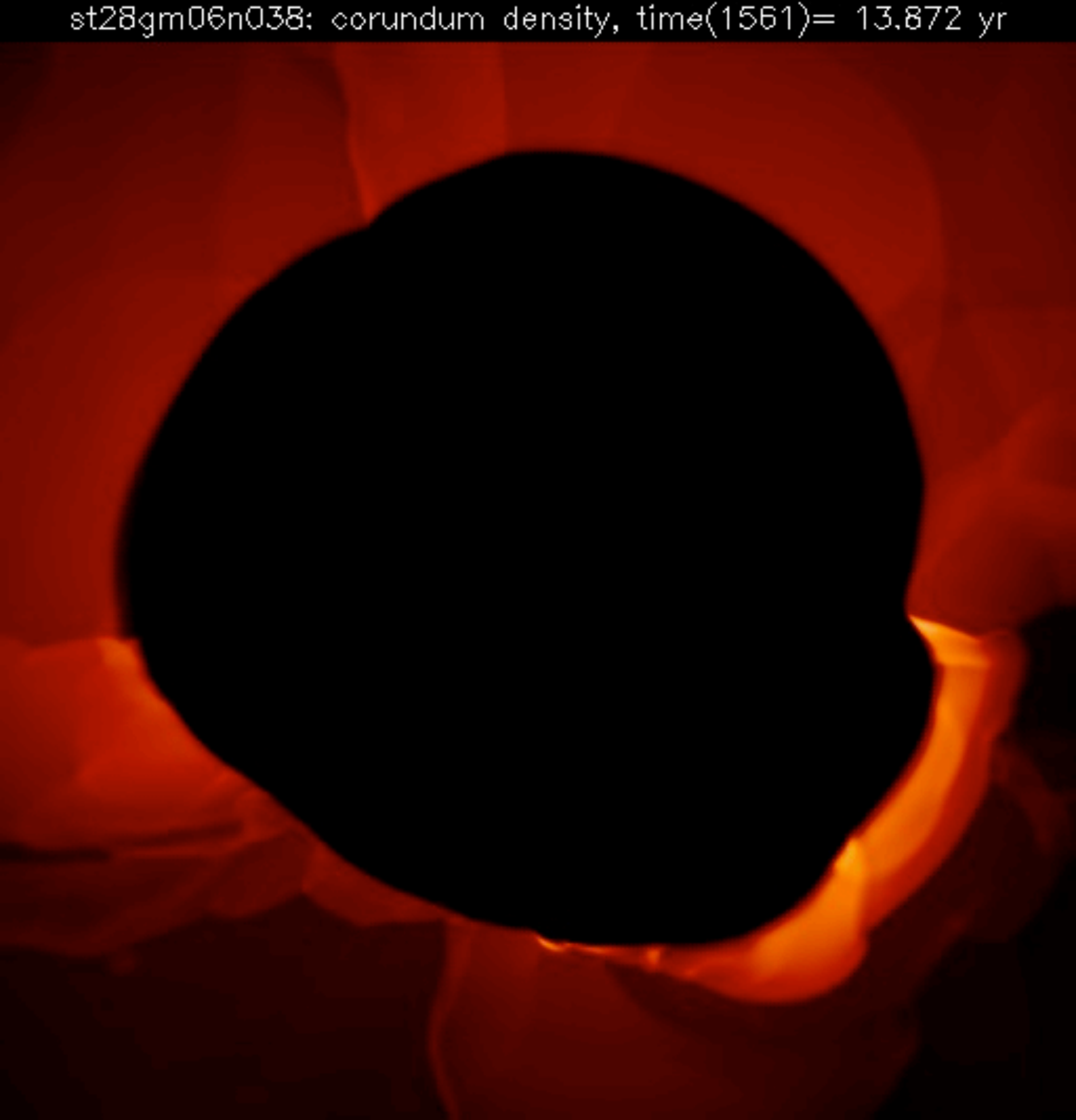
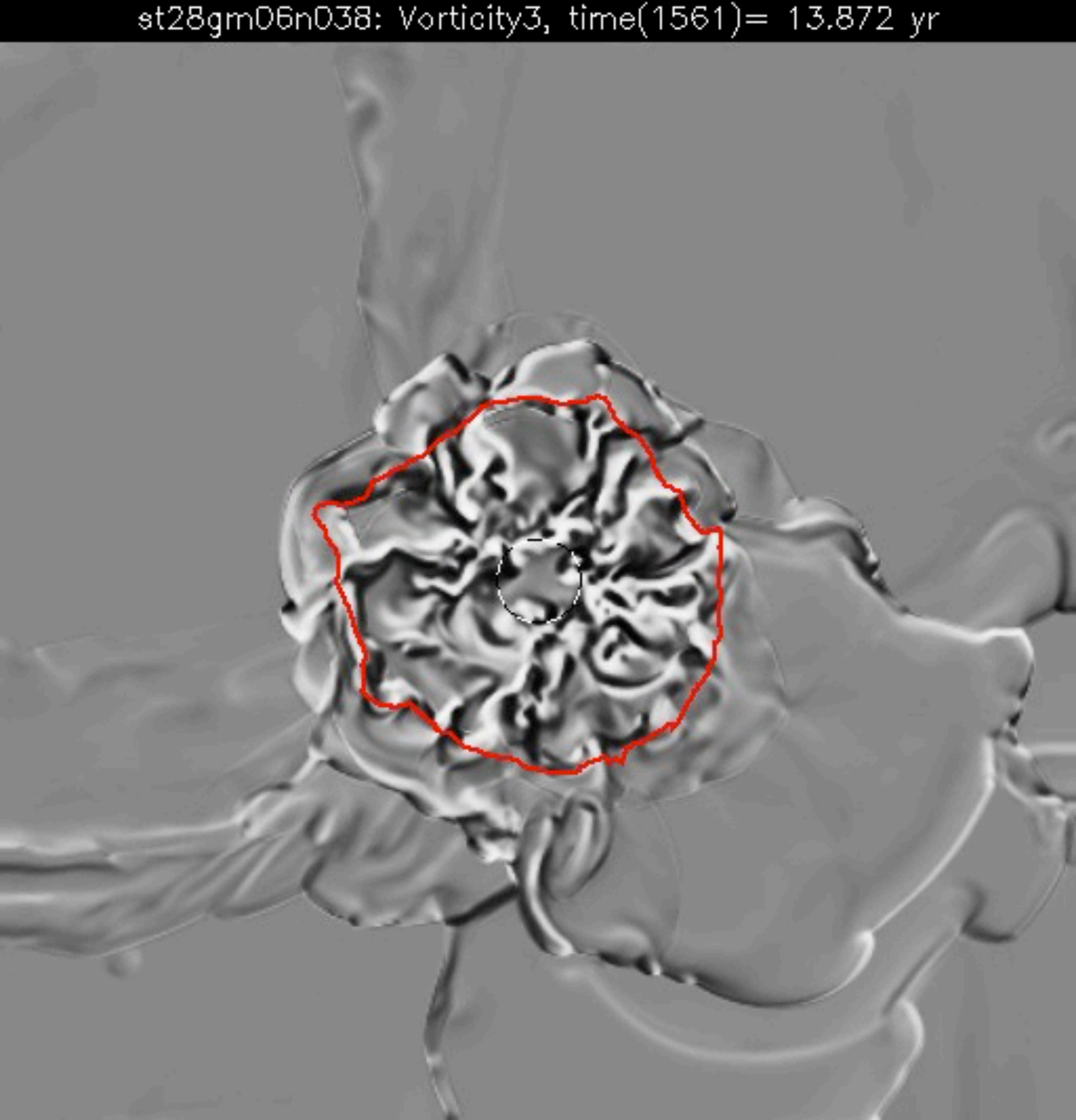

st28gm06n038: corundum density, time(1561)= 13.872 yr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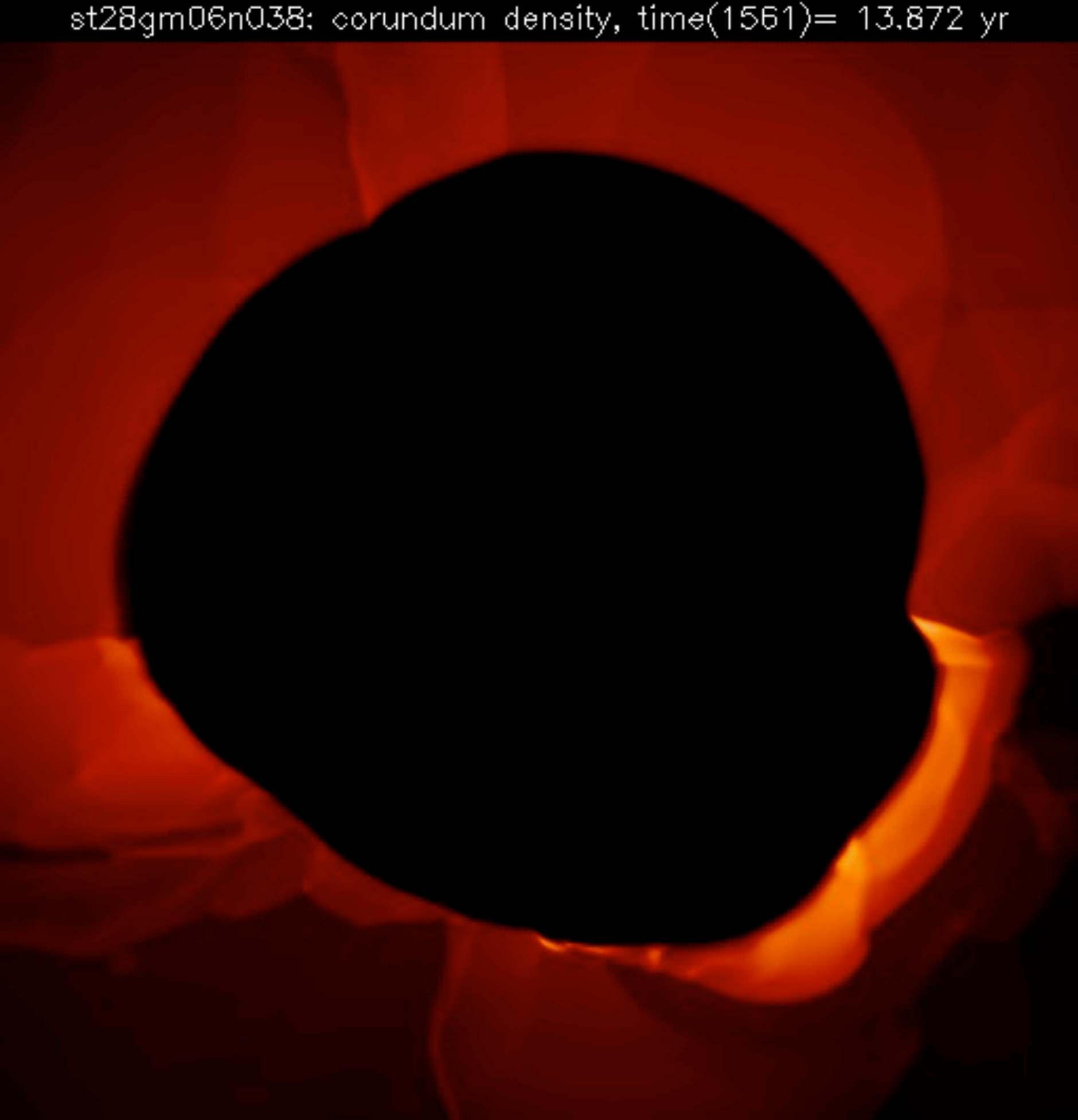
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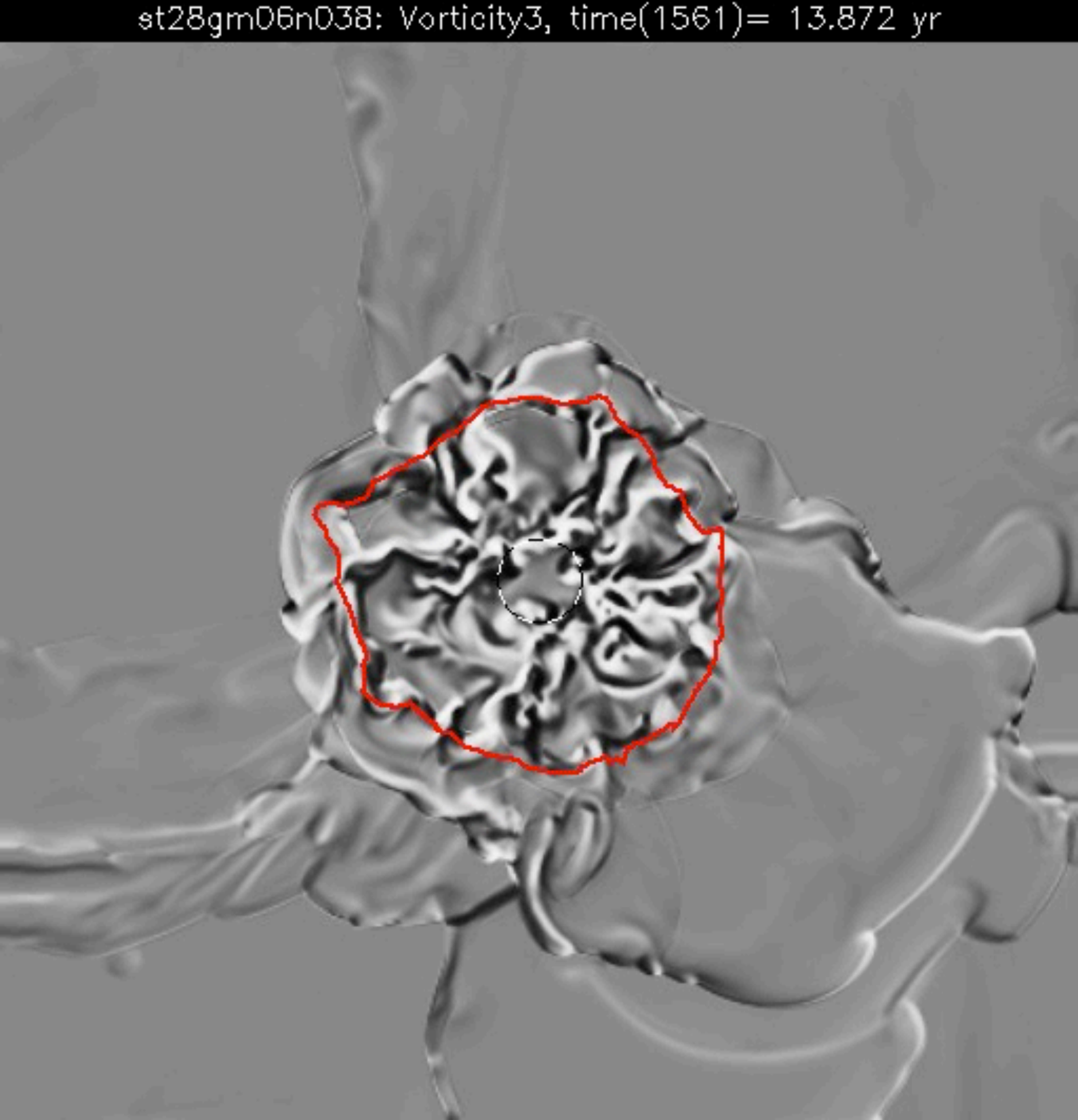
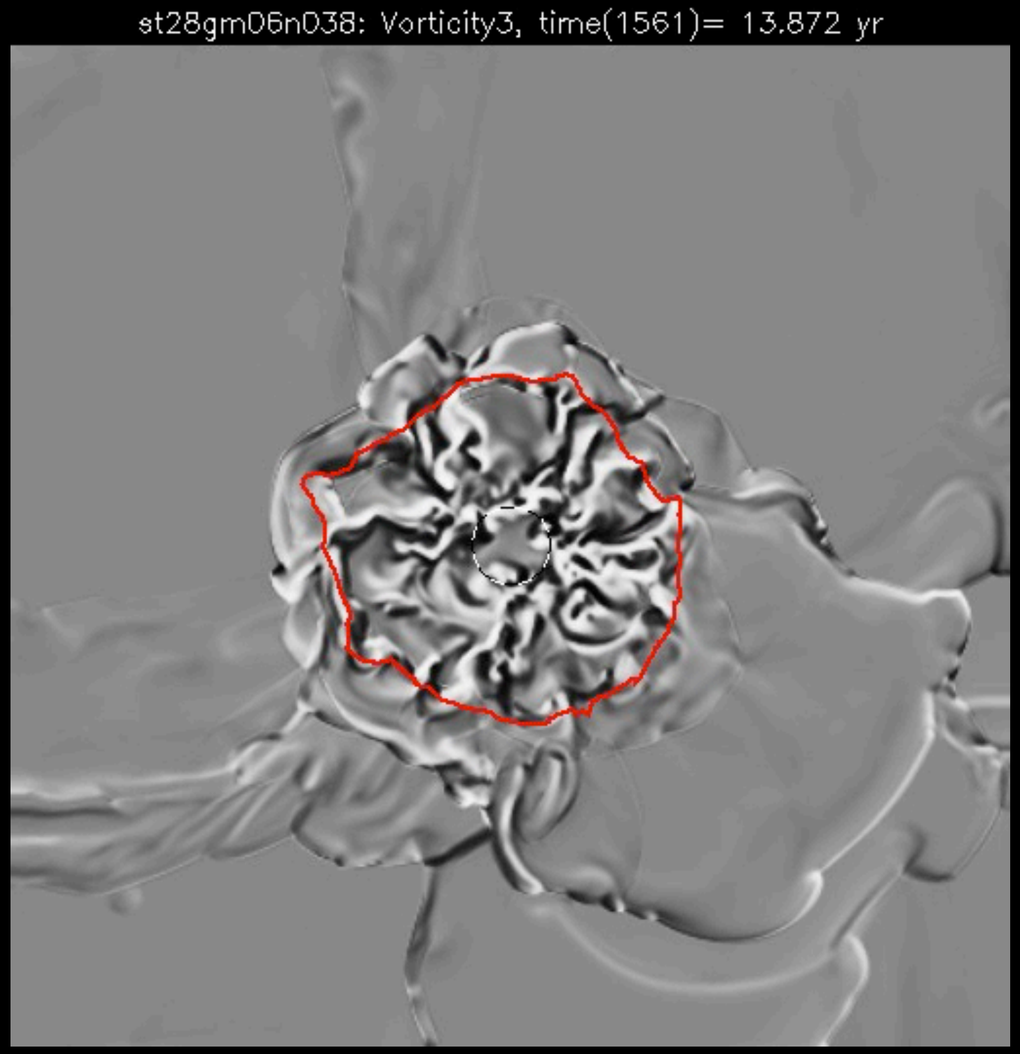
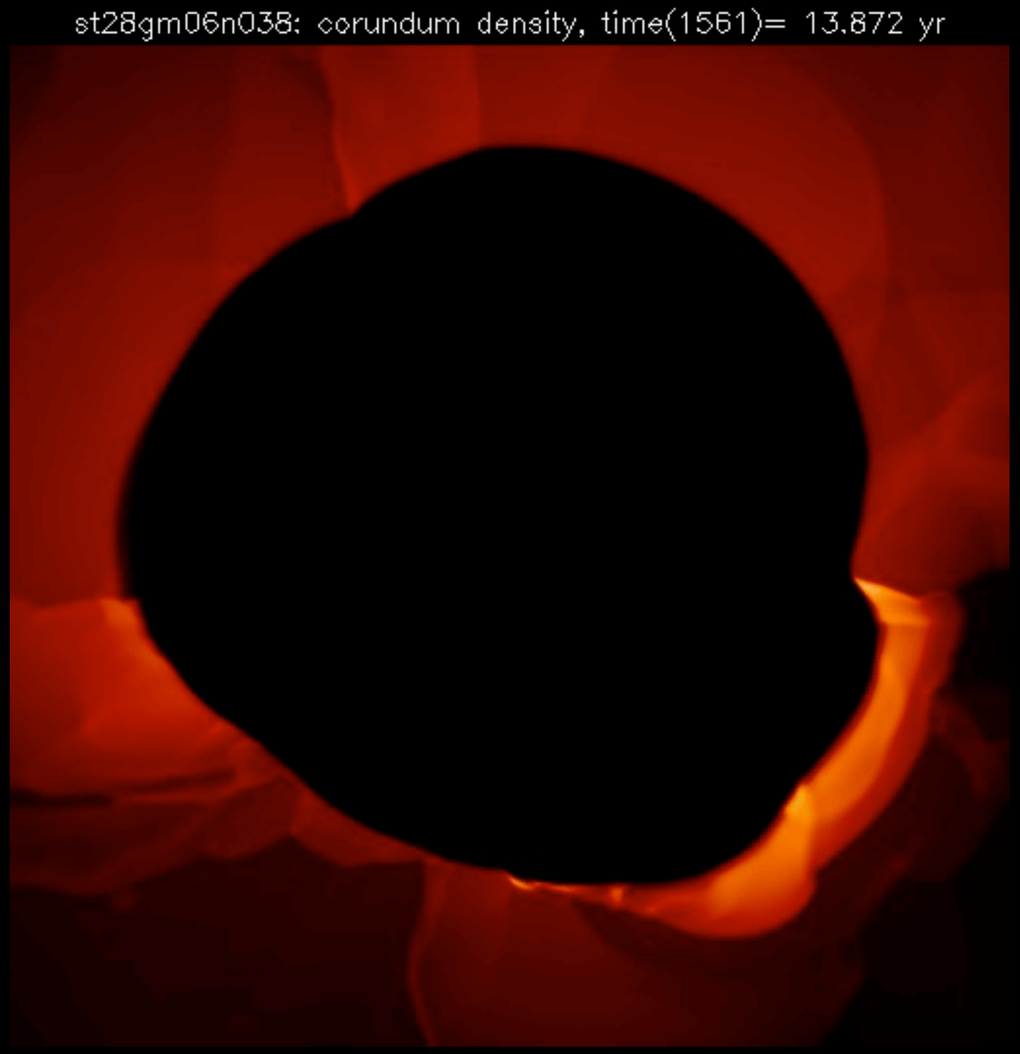

st28gm06n038: Vorticity3, time(1561)= 13.872 yr

Appendix

- Large-scale atmospheric shock waves, which trigger dust formation events.





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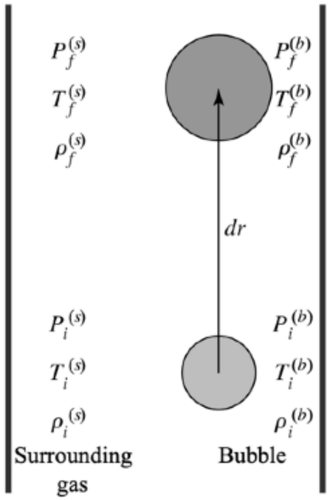
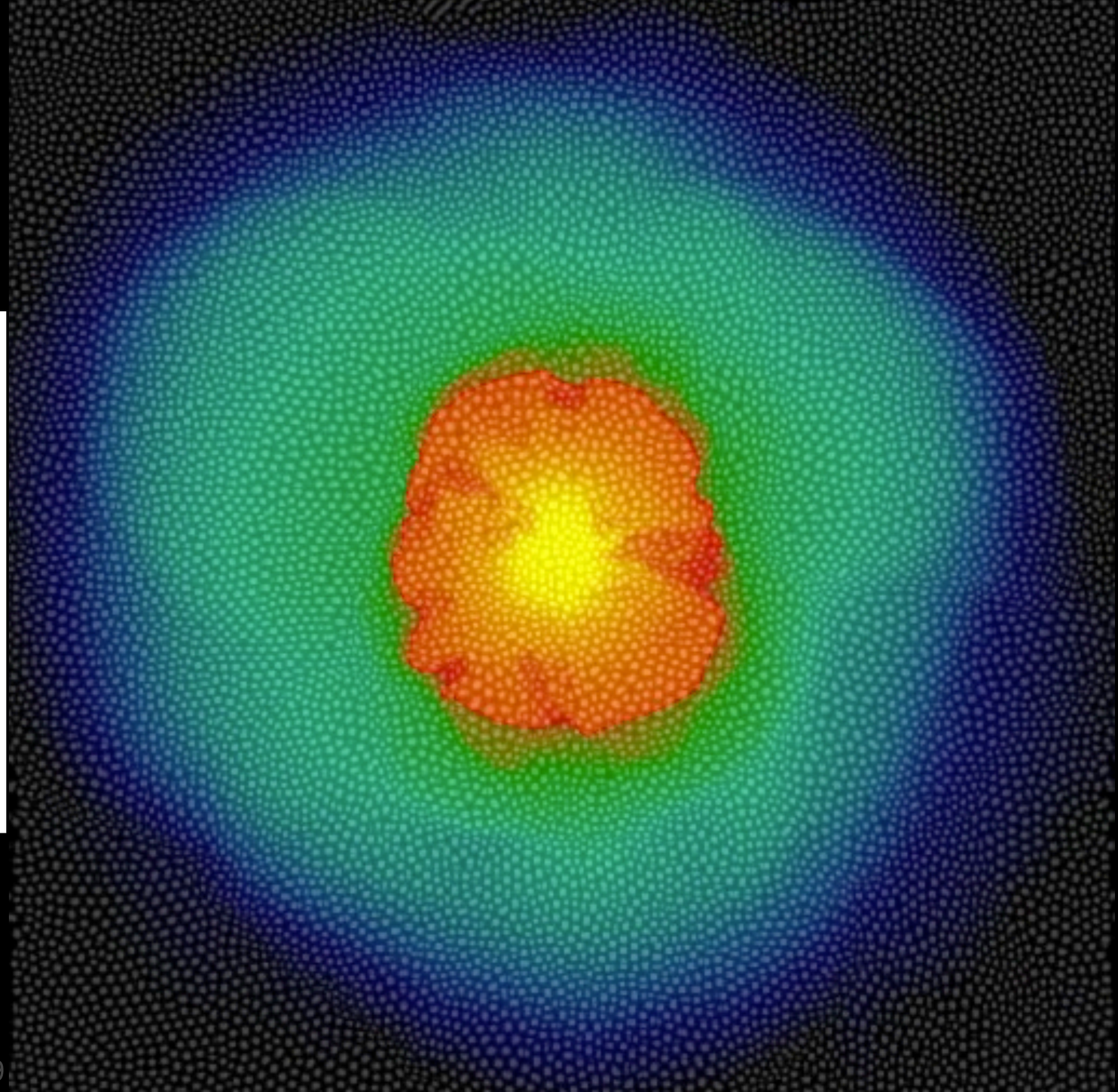


FIGURE 10.10 A convective bubble traveling outward a distance dr. The initial conditions of the bubble are given by $P_i^{(b)}$, $T_i^{(b)}$, and $\rho_i^{(b)}$, for the pressure, temperature, and density, respectively, while the initial conditions for the surrounding gas at the same level are designated by $P_i^{(s)}$, $T_i^{(s)}$, and $\rho_i^{(s)}$, respectively. Final conditions for either the bubble or the surrounding gas are indicated by an f subscript.



Bradley W. Carrol , book

Höfner & Freytag 2019