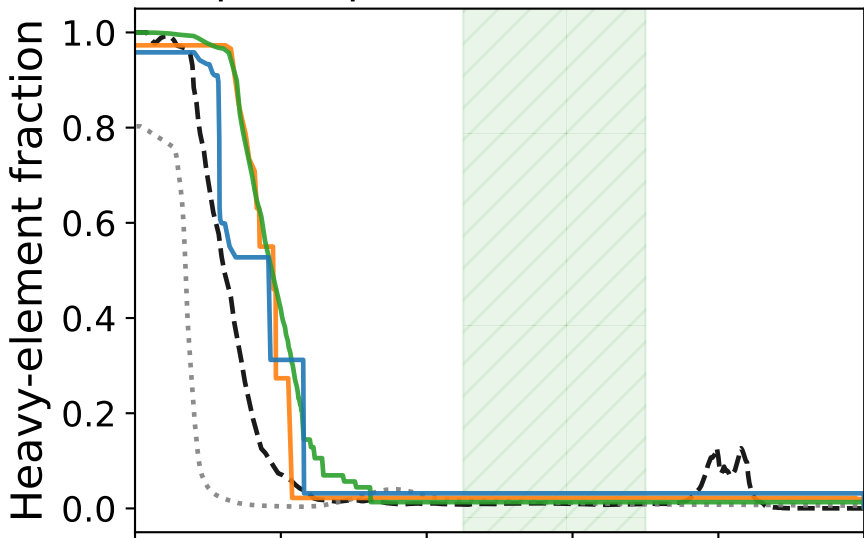
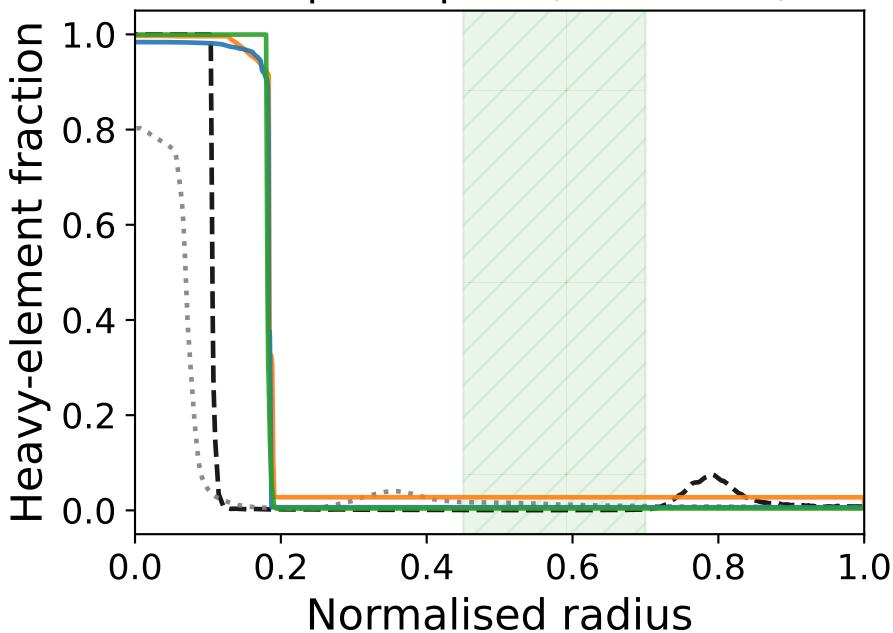


Oblique impact (intermediate state)



Oblique impact (final state)



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- Post impact (this work)
 Post evolution (warm)
- Post impact (Liu et al. 2019)
 Post evolution (hot)
- Upper dilute-core boundary from interior models
 Post evolution (cool)