

with atmosphere. No melt-atmosphere reaction. Model 1B: 15 - 30% of impactor iron reacts

with atmosphere (Citron and Steward 2022). No melt-atmosphere reaction. Model 2: 100% of impactor iron reacts with atmosphere. Includes melt-atmosphere

Model 1A: 100% of impactor iron reacts

reactions.

Model 3B: 15 - 30% of impactor iron reacts with atmosphere (Citron and Steward 2022). Includes melt-atmosphere reactions.