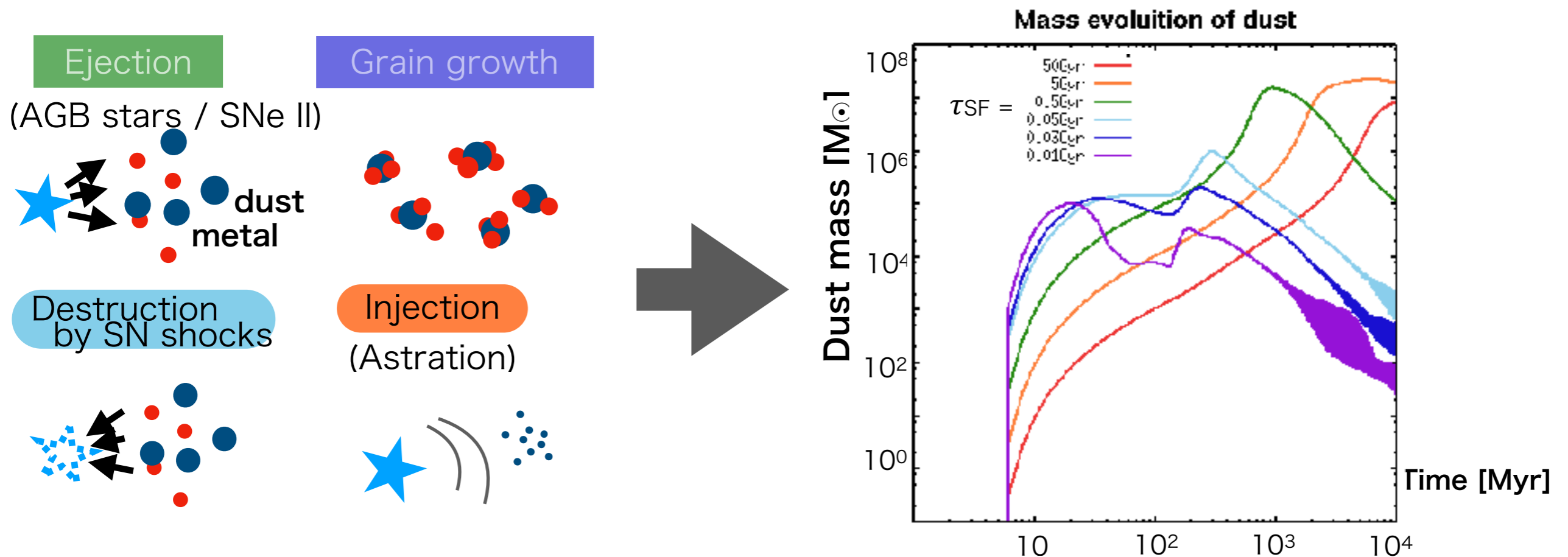


Relation between the dust evolution and star formation timescale in galaxies

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- To explain the evolution of various types of galaxies, it is important to understand that **how the dust evolution vary with τ_{SF}**



- When τ_{SF} is small, first supply of dust mass is through the “**ejection from stars**” and after that it increase the through the “**grain growth**”