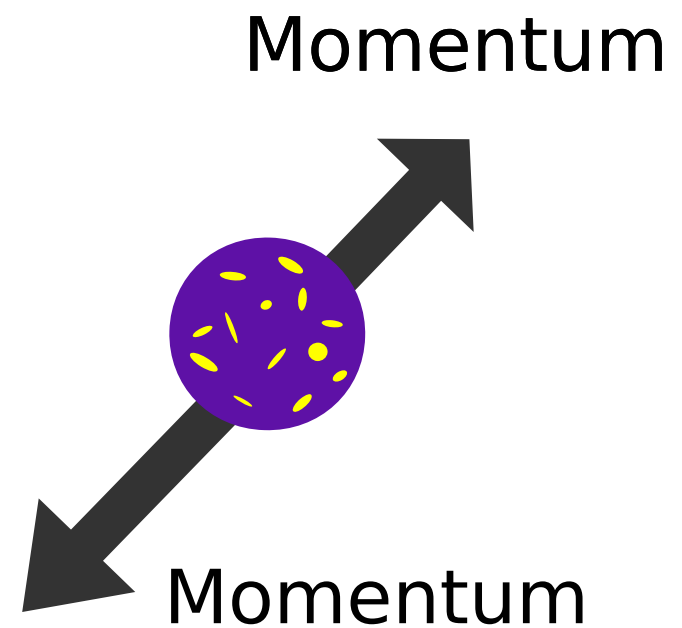


Pericenter

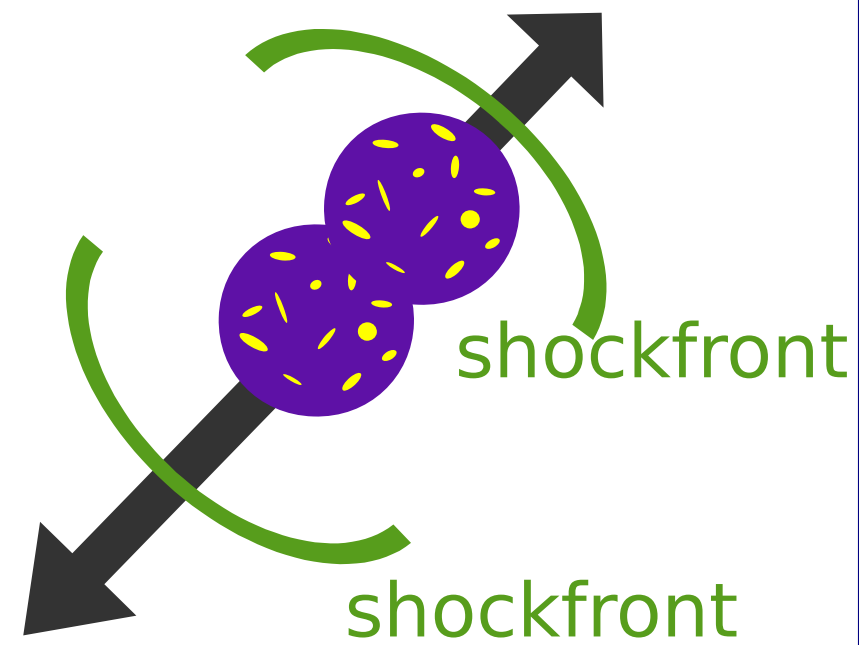
$$TSP \equiv 0 \text{ Gyr}$$



Outgoing scenario

$$\mathbb{E}(TSP_{out}) = 0.46 \text{ Gyr}$$

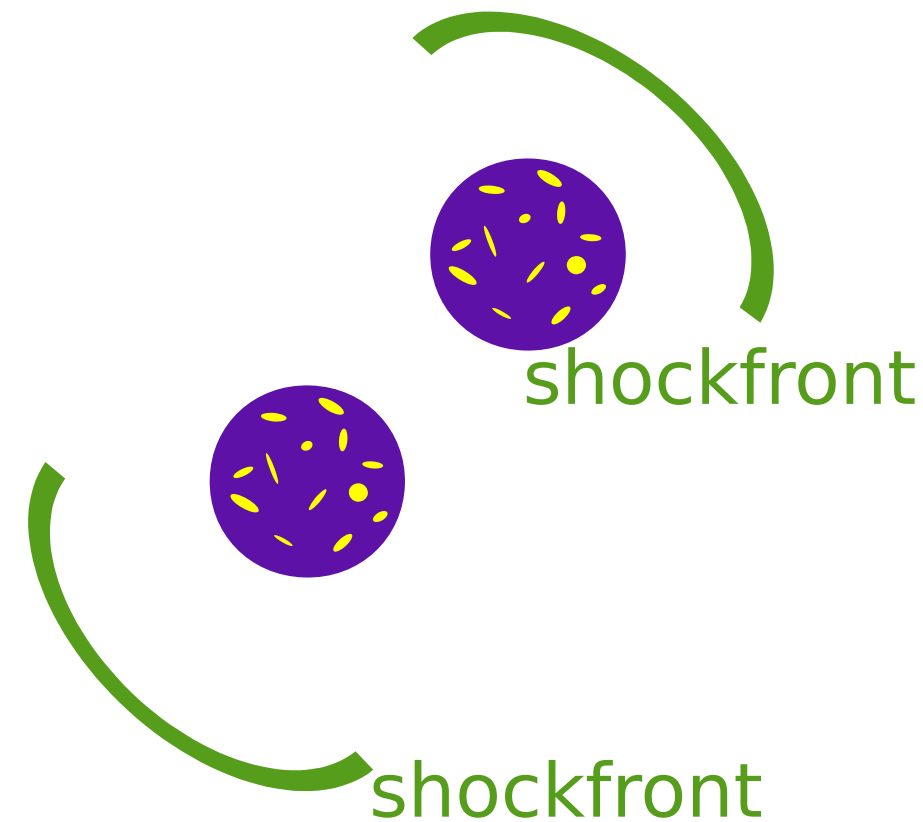
$$\mathbb{E}(d_{proj}) = 0.74 \text{ kpc}$$



Apocenter

$$\mathbb{E}(TSP = T/2) = 0.70 \text{ Gyr}$$

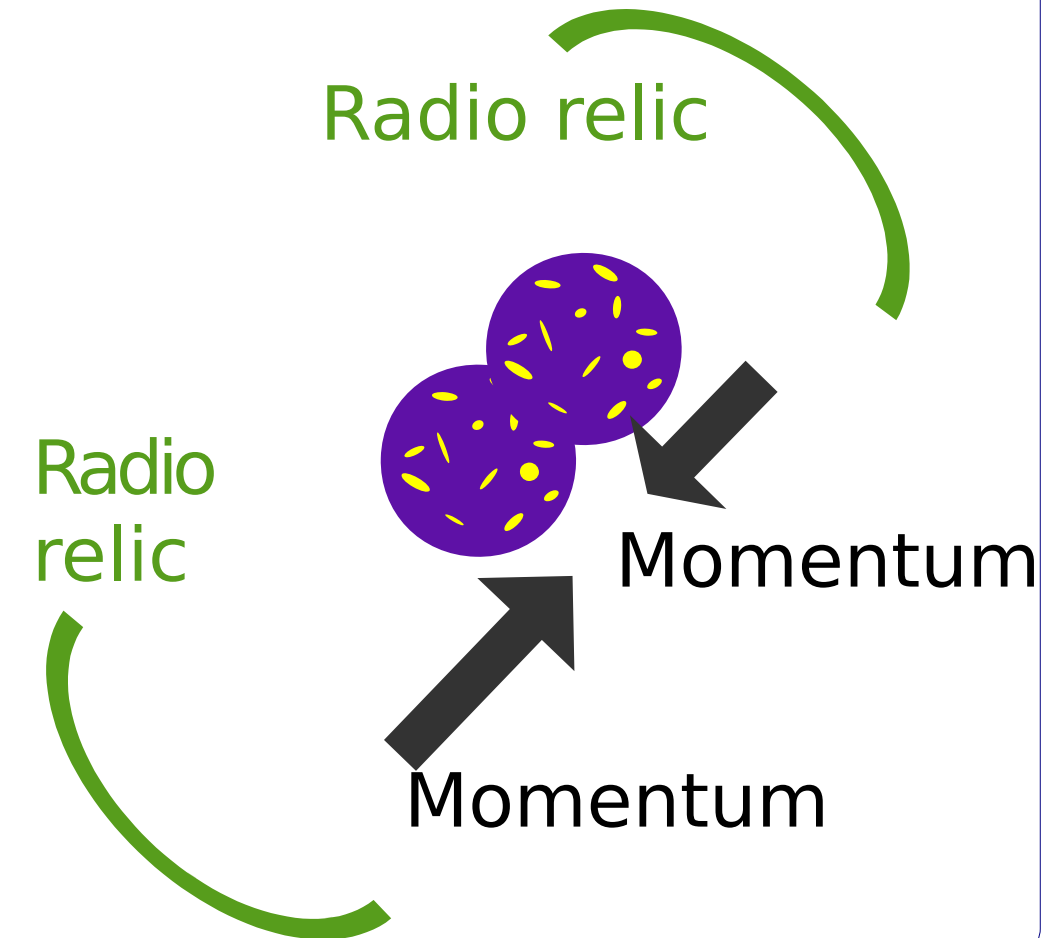
$$\mathbb{E}(d_{max}) = 0.93 \text{ kpc}$$



Returning scenario

$$\mathbb{E}(TSP_{ret}) = 0.91 \text{ Gyr}$$

$$\mathbb{E}(d_{proj}) = 0.74 \text{ kpc}$$



Key:



Galaxies

