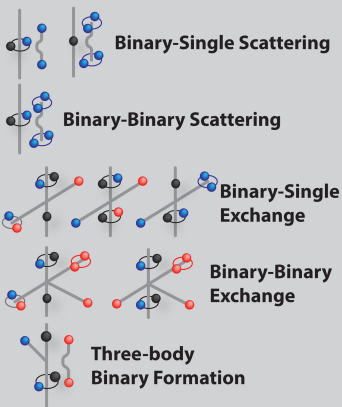


Types of Interactions



BH Formation

Dynamics

Ejection

32M_☉ 28M_☉

Scattering Ejection

a = 2.95 AU
e = 0.59

a = 2.77 AU
e = 0.75

a = 1.65 AU
e = 0.85

a = 1.44 AU
e = 0.89

a = 1.11 AU
e = 0.74

a = 0.71 AU
e = 0.67

Ejected: 4.2 Gyr
Time to Inspiral: 6.3 Gyr

a = 0.38 AU
e = 0.76

35M_☉

32M_☉

BH Triple System

Exchange Ejection

Ejected: 2.7 Gyr
Time to Inspiral: 8.7 Gyr

a = 0.22 AU
e = 0.13