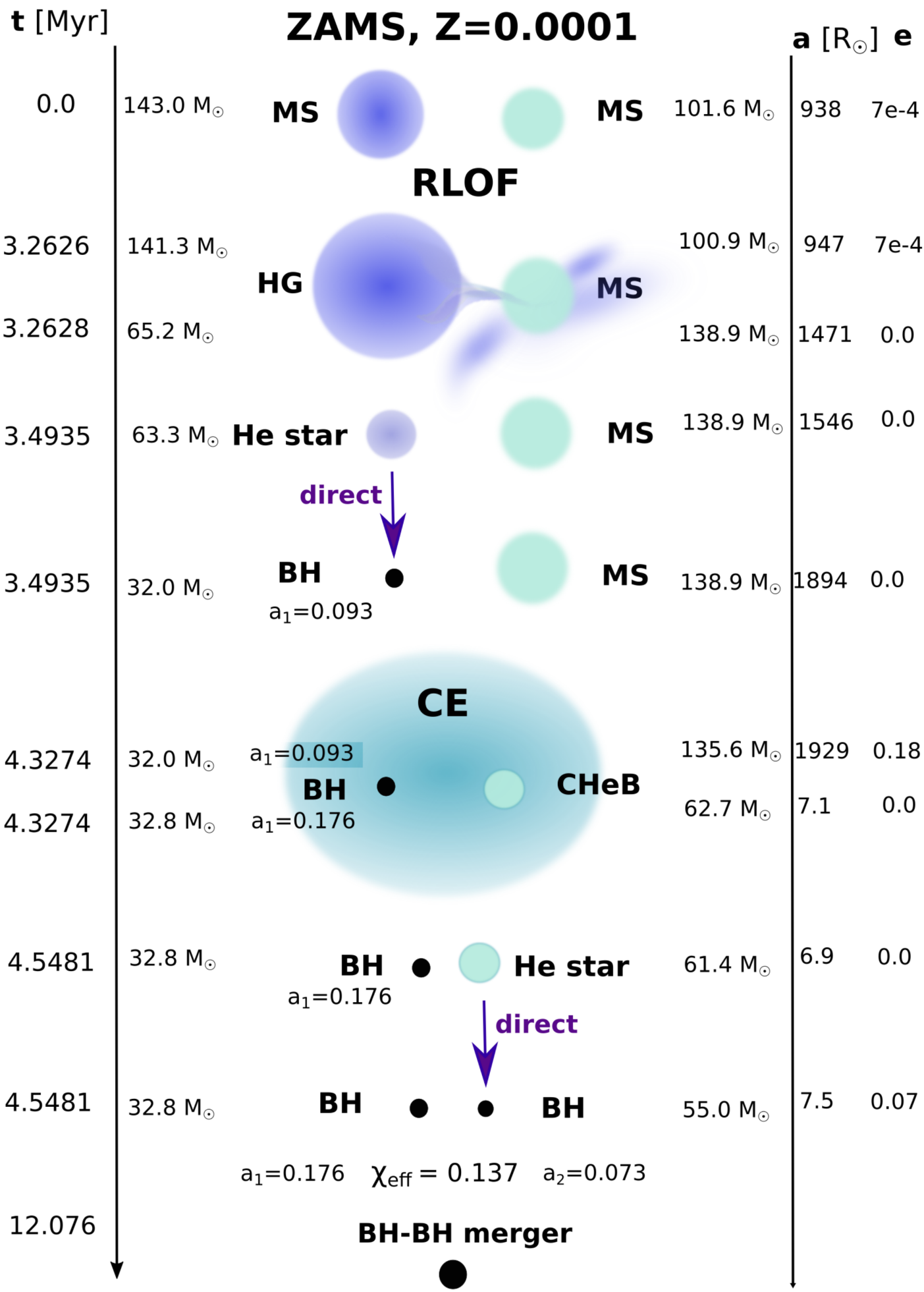
t [Myr]
ZAMS, Z=0.0001
a [R⊙] e
0.0
143.0 M⊙
MS
MS
101.6 M⊙
938
7e-4
RLOF
3.2626
141.3 M⊙
HG
MS
100.9 M⊙
947
7e-4
3.2628
65.2 M⊙
138.9 M⊙
1471
0.0
3.4935
63.3 M⊙
He star
MS
138.9 M⊙
1546
0.0
direct
3.4935
32.0 M⊙
BH
a1=0.093
MS
138.9 M⊙
1894
0.0
CE
4.3274
32.0 M⊙
a1=0.093
BH
CHeB
135.6 M⊙
1929
0.18
4.3274
32.8 M⊙
a1=0.176
62.7 M⊙
7.1
0.0
4.5481
32.8 M⊙
BH
a1=0.176
He star
61.4 M⊙
6.9
0.0
direct
4.5481
32.8 M⊙
BH
BH
55.0 M⊙
7.5
0.07
a1=0.176
χeff = 0.137
a2=0.073
12.076
BH-BH merger