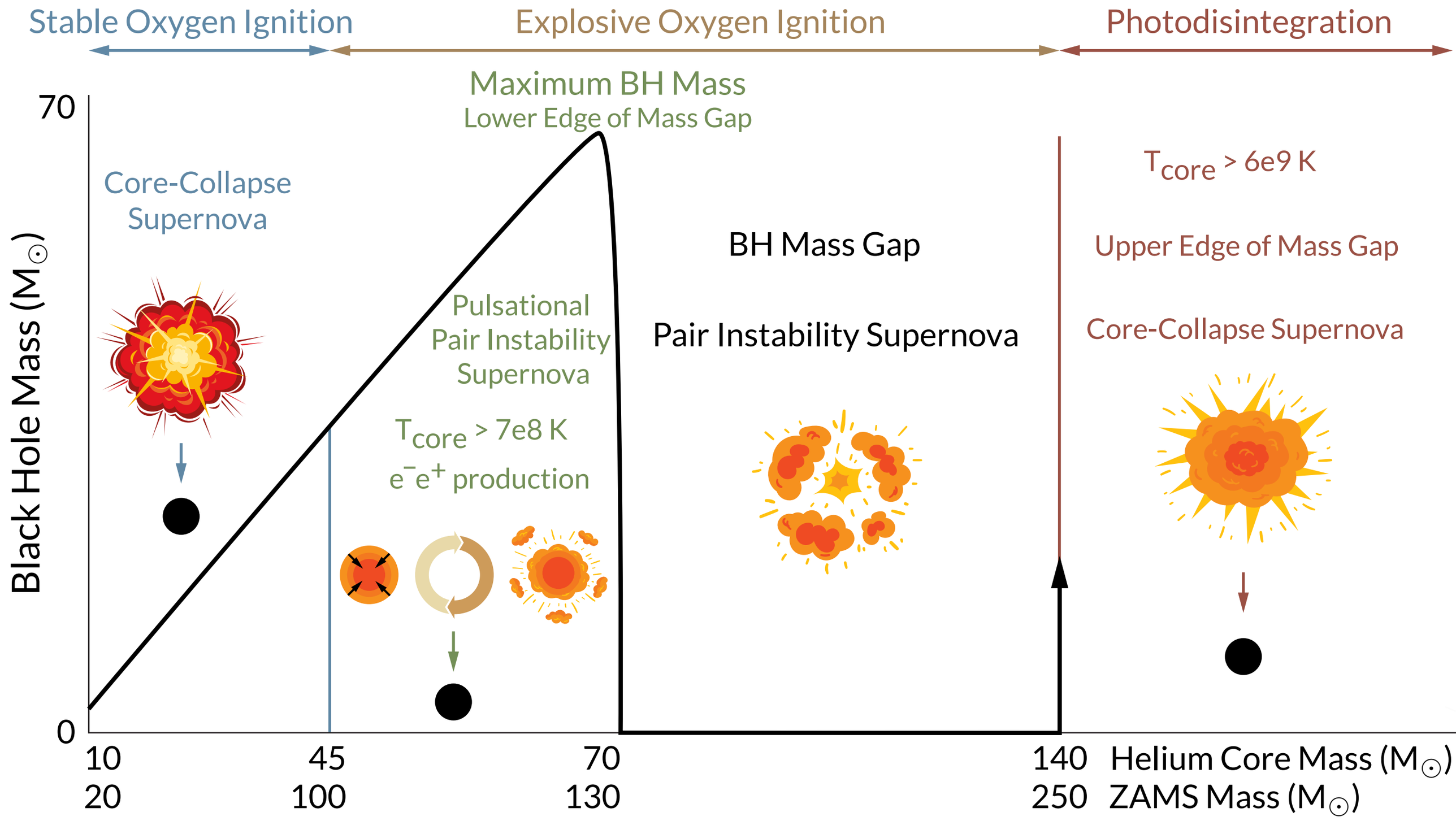
Stable Oxygen Ignition
Explosive Oxygen Ignition
Photodisintegration
Maximum BH Mass
Lower Edge of Mass Gap
70
Core-Collapse
Supernova
Pulsational
Pair Instability
Supernova
T_{core} > 7e8 K
e^-e^+ production
BH Mass Gap
Pair Instability Supernova
T_{core} > 6e9 K
Upper Edge of Mass Gap
Core-Collapse Supernova
Black Hole Mass ($M_\odot$)
0
10
20
45
100
70
130
140
250
Helium Core Mass ($M_\odot$)
ZAMS Mass ($M_\odot$)