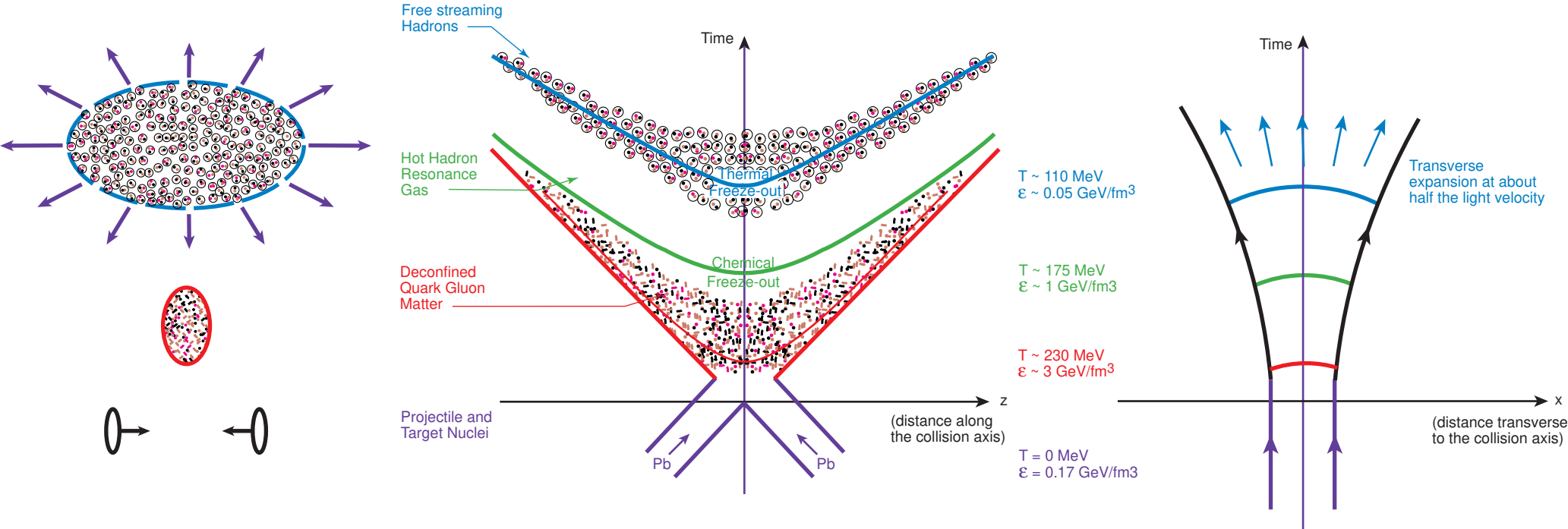
Free streaming
Hadrons
Time
Hot Hadron
Resonance
Gas
Thermal
Freeze-out
Chemical
Freeze-out
Deconfined
Quark Gluon
Matter
T ~ 110 MeV
ε ~ 0.05 GeV/fm3
T ~ 175 MeV
ε ~ 1 GeV/fm3
T ~ 230 MeV
ε ~ 3 GeV/fm3
T = 0 MeV
ε = 0.17 GeV/fm3
Projectile and
Target Nuclei
Pb
Pb
z
(distance along
the collision axis)
Time
Transverse
expansion at about
half the light velocity
x
(distance transverse
to the collision axis)