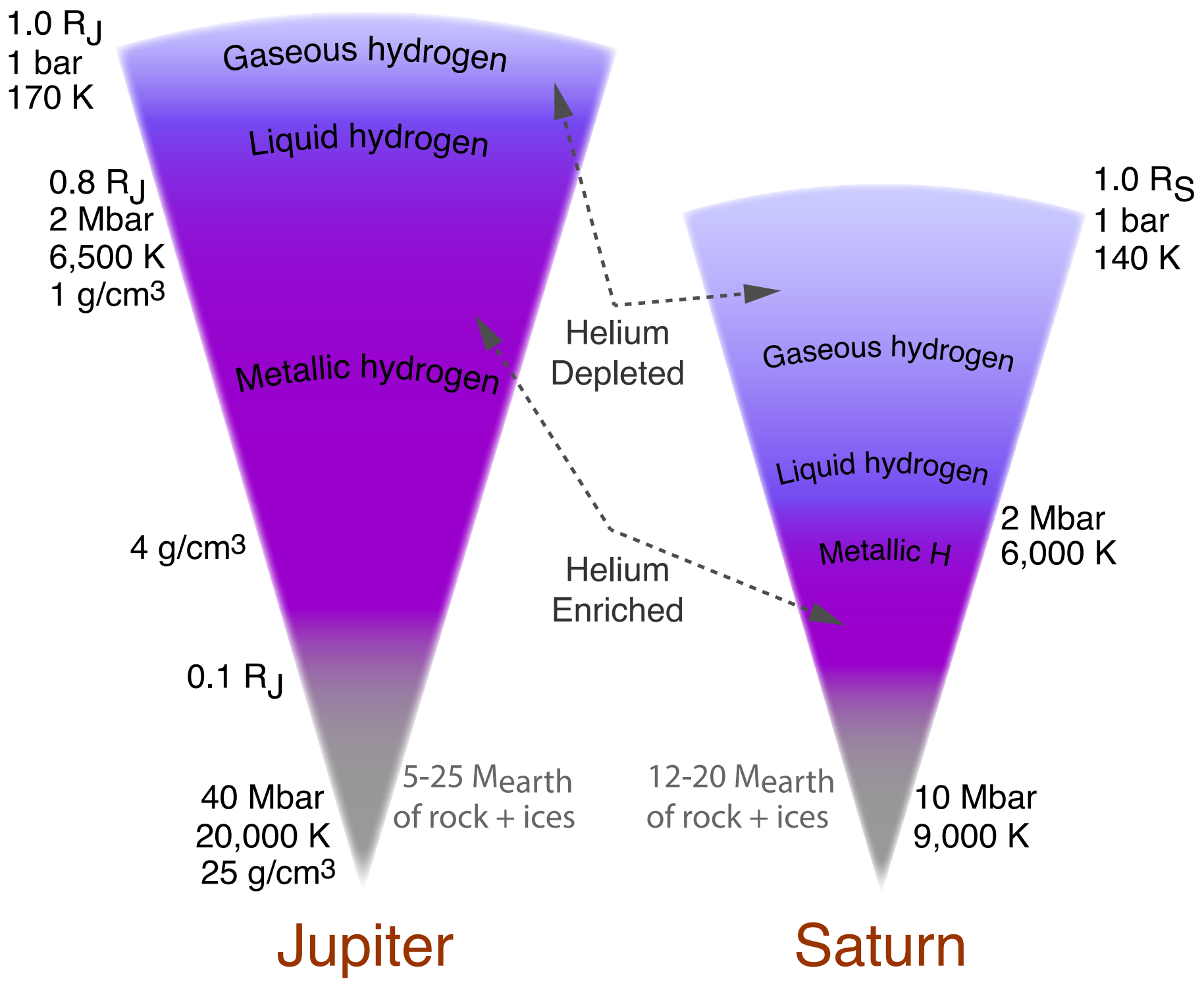
1.0 R_J
1 bar
170 K
Gaseous hydrogen
Liquid hydrogen
0.8 R_J
2 Mbar
6,500 K
1 g/cm^3
Metallic hydrogen
4 g/cm^3
0.1 R_J
40 Mbar
20,000 K
25 g/cm^3
5-25 M_{earth}
of rock + ices
Jupiter
Helium
Depleted
Helium
Enriched
1.0 R_S
1 bar
140 K
Gaseous hydrogen
Liquid hydrogen
Metallic H
2 Mbar
6,000 K
12-20 M_{earth}
of rock + ices
10 Mbar
9,000 K
Saturn