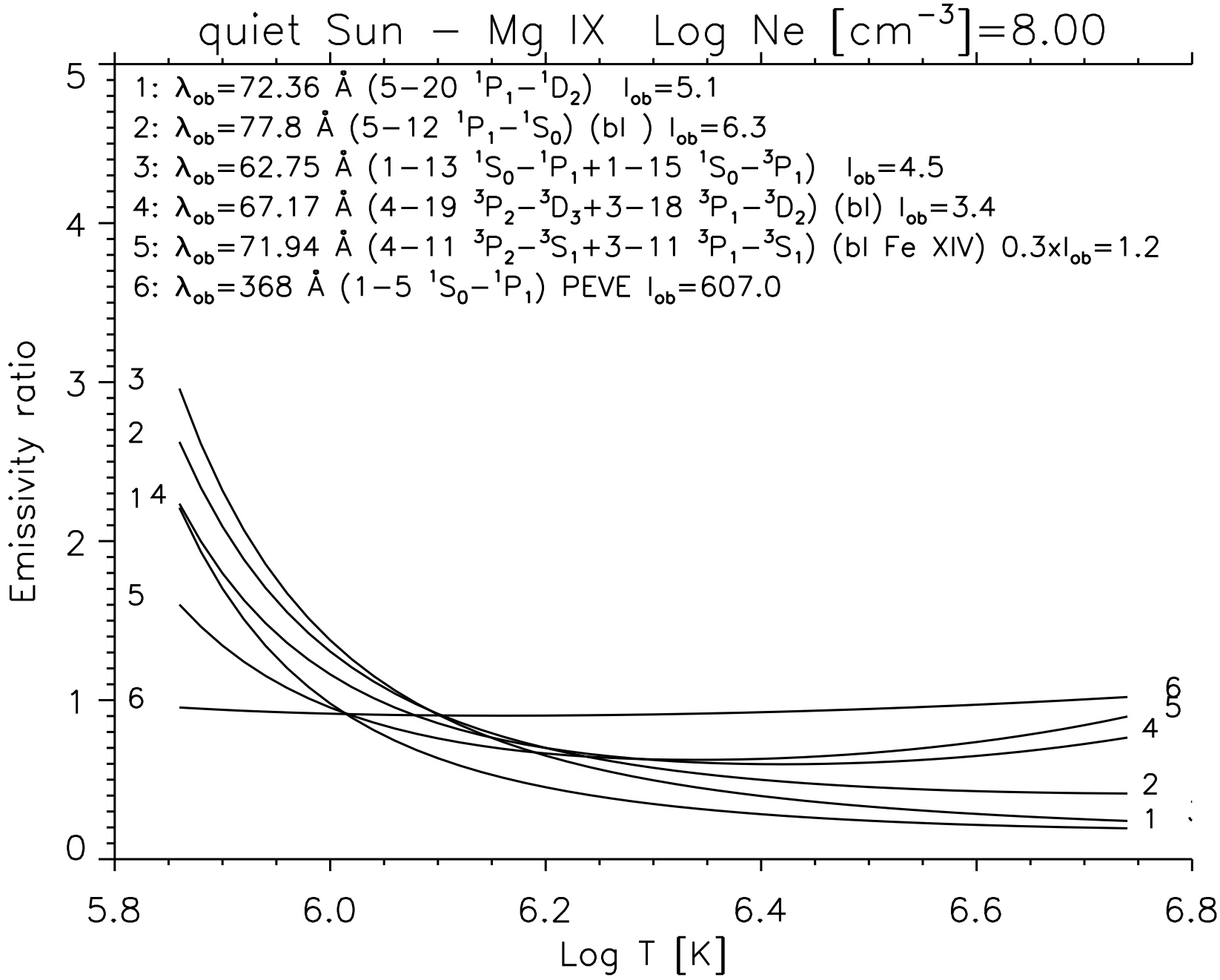
quiet Sun – Mg IX Log Ne [cm^{-3}]=8.00
1: λ_{ob}=72.36 Å (5–20 $^1P_1$–$^1D_2$) I_{ob}=5.1
2: λ_{ob}=77.8 Å (5–12 $^1P_1$–$^1S_0$) (bl) I_{ob}=6.3
3: λ_{ob}=62.75 Å (1–13 $^1S_0$–$^1P_1$+1–15 $^1S_0$–$^3P_1$) I_{ob}=4.5
4: λ_{ob}=67.17 Å (4–19 $^3P_2$–$^3D_3$+3–18 $^3P_1$–$^3D_2$) (bl) I_{ob}=3.4
5: λ_{ob}=71.94 Å (4–11 $^3P_2$–$^3S_1$+3–11 $^3P_1$–$^3S_1$) (bl Fe XIV) 0.3xI_{ob}=1.2
6: λ_{ob}=368 Å (1–5 $^1S_0$–$^1P_1$) PEVE I_{ob}=607.0
Emissivity ratio
Log T [K]
0
1
2
3
4
5
5.8
6.0
6.2
6.4
6.6
6.8