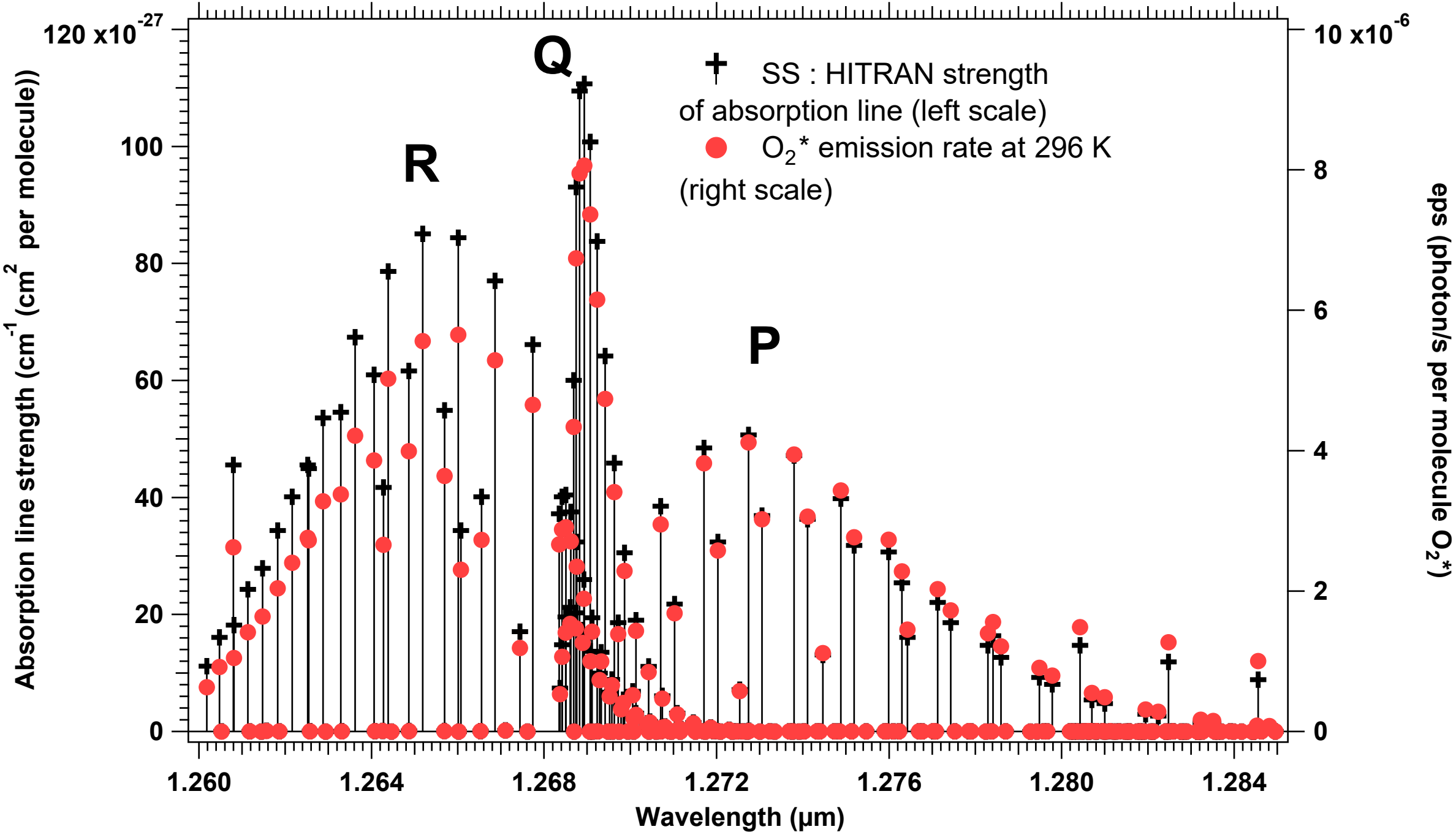
120 x10^-27
100
80
60
40
20
0
Absorption line strength (cm^-1 (cm^2 per molecule))
10 x10^-6
8
6
4
2
0
eps (photon/s per molecule O2*)
R
Q
P
SS : HITRAN strength
of absorption line (left scale)
O2* emission rate at 296 K
(right scale)
1.260
1.264
1.268
1.272
1.276
1.280
1.284
Wavelength (μm)