**O and O$_2$ density - n = $10^{5.5}$ cm$^{-3}$, $\chi = 10^5$**

Model F4
- Bensch
- CLOUDY
- COSTAR
- HTBKW
- KOSMA-$\tau$
- Lee96mod
- Leiden
- Meijerink
- Meudon
- Sternberg
- UCL_PDR

density [cm$^{-3}$]

O

O$_2$

A$_v$