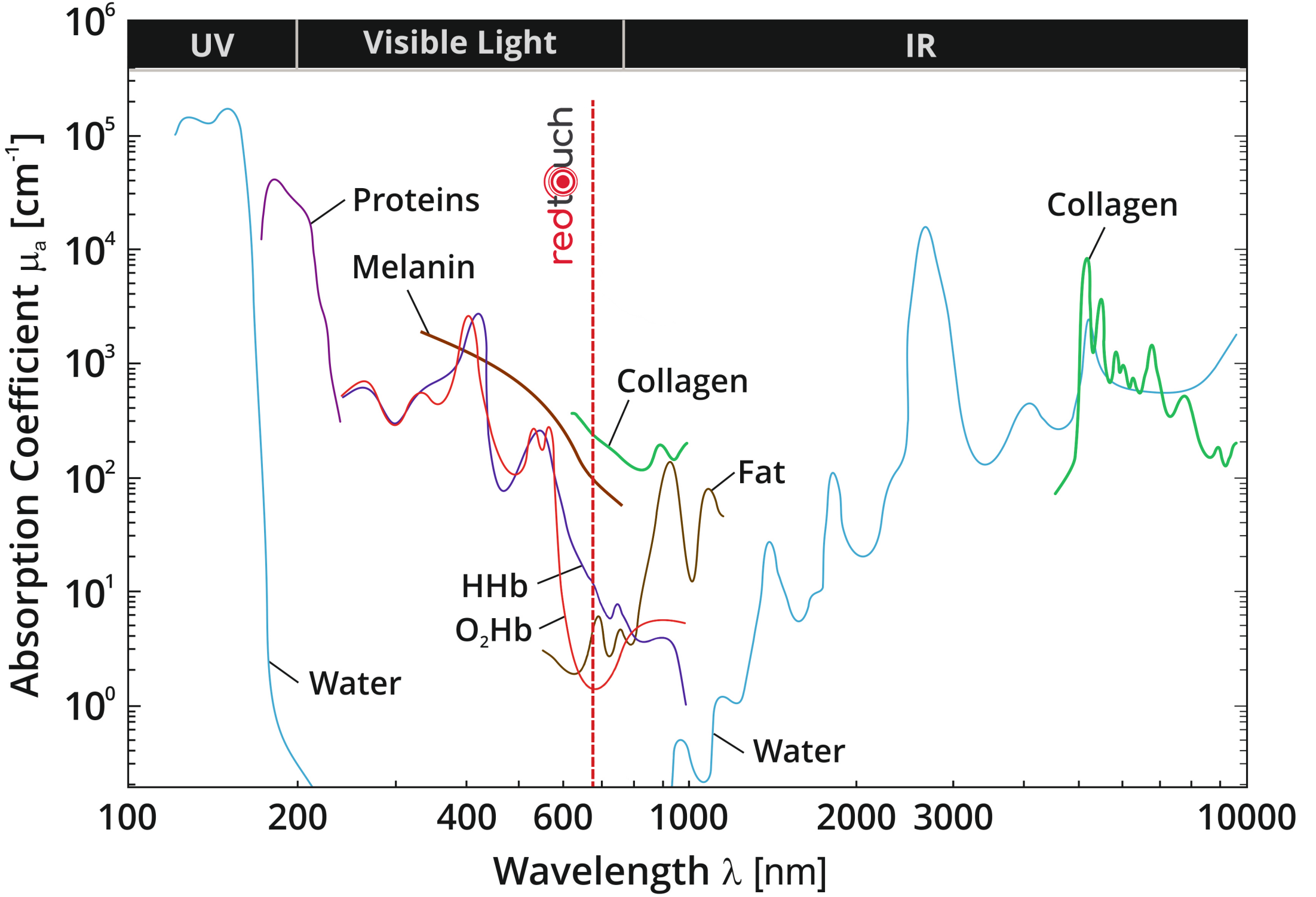
UV
Visible Light
IR
redtouch
Proteins
Melanin
Collagen
Fat
HHb
O_2Hb
Water
Water
Collagen
Absorption Coefficient μ_a [cm^{-1}]
10^6
10^5
10^4
10^3
10^2
10^1
10^0
100
200
400
600
1000
2000
3000
10000
Wavelength λ [nm]