$^{16}O_3$ Integrated Intensity of the ν_2, ν_1, and ν_3 Bands

Natural isotopic abundance: 0.992728.

Reference	[2002Wag]
Method	Fourier transform spectroscopy.
Equations	Equations 47 and 53 in chapter "Introduction".
Remarks	All calculated values are given in cm^{-1}/molecule cm^{-2}. The isotopic composition of the elements used for the calculation of the natural isotopic abundance is taken from [2007Coh].

Band	Integrated intensity
ν_2	0.5793×10^{-18}
ν_1	0.5214×10^{-18}
ν_3	0.1375×10^{-16}

Symbols and abbreviations

Short form	Full form
$v_1\ v_2\ v_3$	Upper vibrational level in normal mode notation

References

[2002Wag] Wagner, G., Birk, M., Schreier, F., and Flaud, J.M.: Spectroscopic database for ozone in the fundamental spectral regions. J. Geophys. Res. **107** (2002) 4626–4644.

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