











1/13/15











IST Atomic Spectra D	atabase Levels Form	
is form provides access to NIST cr	Best viewed with the latest versions of tically evaluated data on atomic er	f Web browsers and Jav ergy levels.
Spectrum: o iii c.g., Fe	I	
Default Values	Retrieve Data	
Level Units: cm-1 ÷ Format output: HTML (formatted) ÷ Display output: in its entirety ÷ Page size: 15 Term ordered • term energy • Energy ordered • Level • Principal information: of Principal configuration • Principal term • Level • J • Level • J • Lande-g	Extended Search: Set Additional C	riteria for all levels sear

OIII				
Configuration	Term	J	Level	[O III]
			(cm <sup>-1</sup> )	
2 2	2			
2s²2p²	°P	0	0	
		1	113.178	λ4363
		2	306.174	λ2321
2s <sup>2</sup> 2p <sup>2</sup>	<sup>1</sup> D	2	20 273.27	
2s <sup>2</sup> 2p <sup>2</sup>	<sup>1</sup> S	0	43 185.74	λ5007
2s2p <sup>3</sup>	<sup>5</sup> S°	2	60 324.79	
2s2n <sup>3</sup>	<sup>3</sup> D°	3	120 025 2	λ4959
LOLP		2	120 053 4	2
		1	120 058.2	





