

14 electrons

$$----- (13.6 \text{ eV})/hc = 109692 \text{ cm}^{-1} -----$$

E/hc
(cm⁻¹)

IONIZ 64748

5S₂ 84100

3D₀ 45322

3D₁ 45294

3D₂ 45276

3P₀ 40992

3P₁ 39955

3P₂ 39760

3P₁ 39683

3S₂ 33326

3S₁ 25151

3S₀ 25200

3S₀ 25229

3S₀ 25241

3S₀ 25192

3S₀ 25069

3S₀ 22087

3S₀ 22124

3S₀ 22196

3S₀ 22174

3S₀ 2439.5

3S₀ 2444.1

3S₀ 2452.9

3S₀ 10994

3S₀ 16072

3S₀ 16459

3S₀ 6528.6

3S₀ 0.

Si I

1D₂ 904160

3P₀ 98745

3P₁ 98766

3P₂ 98772

3D₀ 84099

3D₁ 84047

3D₂ 84019

5S₂ 58672

1S₀ 27161

1D₂ 11323

3P₂ 833.1

3P₁ 298.7

3P₀ 0.

1012.5

1015.6

1015.8

1015.5

1021.1

1021.3

1021.3

1021.3

1021.3

1021.3

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1021.3

1021.3

1021.3

1021.3

1021.3

1021.3

1021.3

1021.3

1021.3

1021.3

1021.3

1021.3

1021.3

1021.3

S III

1S₀ 37912

1D₂ 16299

3P₂ 2028.8

3P₁ 765.2

3P₀ 0.

2692.0

4626.8

6436.9

7007.6

7.912 μm

13.07 μm

3.48 μm

18.71 μm

9071.1

9533.7

6313.8

3722.7

Ar V