



Holdings for Hydrogen

Symbol: H

Atomic Weight: 1.00794(7)

Ionization Energy: 13.5984 eV

Ground-state Configuration: 1s

Ground-state Level: <sup>2</sup>S<sub>1/2</sub>

Neutral	
Ionization	Excitation
<a href="#">Total</a>	<a href="#">1s -&gt; 2p</a>
	<a href="#">1s -&gt; 3p</a>
	<a href="#">1s -&gt; 4p</a>
	<a href="#">1s -&gt; 5p</a>
	<a href="#">1s -&gt; 6p</a>
<a href="#">Differential</a>	<a href="#">1s -&gt; 7p</a>
	<a href="#">1s -&gt; 8p</a>
	<a href="#">1s -&gt; 9p</a>
	<a href="#">1s -&gt; 10p</a>

Excitation Energies (E) in eV	
Excitation	E
1s-2p	10.1988
1s-3p	12.0875
1s-4p	12.7485
1s-5p	13.0545
1s-6p	13.2207
1s-7p	13.3209
1s-8p	13.3860
1s-9p	13.4306
1s-10p	13.4625