Table 15.14 from (1976AJ04): Resonances in $^{14}$N + n $^a$

<table>
<thead>
<tr>
<th>$E_{\text{res}}$ (MeV ± keV)</th>
<th>$\Gamma_{\text{lab}}$ (keV)</th>
<th>$\Gamma_n$ (keV)</th>
<th>$\Gamma_p$ (keV)</th>
<th>$\Gamma_{\alpha}$ (keV)</th>
<th>$J^\pi$</th>
<th>$^{15}\text{N}^*$ (MeV)</th>
<th>Refs. $^b$</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.430 ± 5</td>
<td>3.5</td>
<td>&lt; 3</td>
<td>&lt; 0.01</td>
<td></td>
<td>$^2^2_{^2}$</td>
<td>11.235</td>
<td>A</td>
</tr>
<tr>
<td>0.4926 ± 0.65</td>
<td>7.5</td>
<td>&lt; 3</td>
<td>&lt; 10</td>
<td></td>
<td>$^1^2_{^1}$</td>
<td>11.2932</td>
<td>A, (1974SC1C)</td>
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<tr>
<td>0.639 ± 5</td>
<td>43</td>
<td>34</td>
<td>9</td>
<td></td>
<td>$^1^1_{^2}$</td>
<td>11.430</td>
<td>A, (1974SC1C)</td>
</tr>
<tr>
<td>0.998 ± 5</td>
<td>46</td>
<td>45</td>
<td>0.8</td>
<td></td>
<td>$^4^2_{^3}$</td>
<td>11.765</td>
<td>A, (1974SC1C)</td>
</tr>
<tr>
<td>1.120 ± 6</td>
<td>19</td>
<td>19</td>
<td>0.2</td>
<td></td>
<td>$^3^2_{^3}$</td>
<td>11.878</td>
<td>A, (1974SC1C)</td>
</tr>
<tr>
<td>1.188 ± 6</td>
<td>≤ 3.2</td>
<td>&lt; 2</td>
<td>&lt; 0.1</td>
<td></td>
<td>$^4^2_{^4}$</td>
<td>11.942</td>
<td>(1952HI12, 1974SC1C)</td>
</tr>
<tr>
<td>1.211 ± 7</td>
<td>13</td>
<td>12</td>
<td>0.4</td>
<td></td>
<td>$^1^1_{^1}$</td>
<td>11.963</td>
<td>(1952HI12, 1974SC1C)</td>
</tr>
<tr>
<td>1.350 ± 7</td>
<td>21</td>
<td>20</td>
<td>0.9</td>
<td>0.4</td>
<td>$^5^2_{^2}$</td>
<td>12.093</td>
<td>A, (1974SC1C)</td>
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<tr>
<td>1.401 ± 8</td>
<td>54</td>
<td>41</td>
<td>11</td>
<td>1.8</td>
<td>$^5^2_{^2}$</td>
<td>12.141</td>
<td>A, (1974SC1C)</td>
</tr>
<tr>
<td>1.595 ± 8</td>
<td>22</td>
<td>21</td>
<td>0.2</td>
<td>&lt; 0.1</td>
<td>$^5^2_{^5}$</td>
<td>12.321</td>
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<tr>
<td>1.779 ± 10</td>
<td>47</td>
<td>37</td>
<td>0.5</td>
<td>9.0</td>
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<td>2.23</td>
<td>65</td>
<td>39</td>
<td>7.8</td>
<td>18</td>
<td>$^3^2_{^2}$</td>
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<tr>
<td>2.47</td>
<td>&lt; 3</td>
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<td></td>
<td></td>
<td>r</td>
<td>13.14</td>
<td>(1959GA14)</td>
</tr>
<tr>
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<td>≈ 7</td>
<td>r</td>
<td></td>
<td></td>
<td>r</td>
<td>13.18</td>
<td>(1959GA14, 1974SC1C)</td>
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<tr>
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<td></td>
<td>r</td>
<td>13.36</td>
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<td>2.74</td>
<td>95</td>
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<td></td>
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<td>r</td>
<td>13.39</td>
<td>(1959GA14)</td>
</tr>
<tr>
<td>2.95</td>
<td>20</td>
<td>16</td>
<td>1.1</td>
<td>3.2</td>
<td>$^5^2_{^2}$</td>
<td>13.59</td>
<td>A, (1974SC1C)</td>
</tr>
<tr>
<td>3.09</td>
<td>60</td>
<td></td>
<td></td>
<td></td>
<td>r</td>
<td>13.72</td>
<td>(1959GA14)</td>
</tr>
<tr>
<td>3.51</td>
<td>≈ 20</td>
<td>r</td>
<td></td>
<td></td>
<td>r</td>
<td>14.11</td>
<td>(1959GA14, 1970CA1F, 1974SC1C)</td>
</tr>
<tr>
<td>≈ 3.8</td>
<td>≈ 2000</td>
<td>≈ 1000</td>
<td>200</td>
<td>≈ 1000</td>
<td></td>
<td>14.4</td>
<td>(1959GA14)</td>
</tr>
</tbody>
</table>
### Table 15.14 from (1976AJ04): Resonances in $^{14}$N + n $^a$ (continued)

<table>
<thead>
<tr>
<th>$E_{\text{res}}$ (MeV $\pm$ keV)</th>
<th>$\Gamma_{\text{lab}}$ (keV)</th>
<th>$\Gamma_n$ (keV)</th>
<th>$\Gamma_p$ (keV)</th>
<th>$\Gamma_{\alpha}$ (keV)</th>
<th>$J^\pi$</th>
<th>$^{15}$N* (MeV)</th>
<th>Refs. $^b$</th>
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<td>50</td>
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<td>r</td>
<td>r</td>
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<td>14.65</td>
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<tr>
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<td>$\approx$ 300</td>
<td>r</td>
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<td>r</td>
<td></td>
<td>14.8</td>
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<td>4.38</td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td>17.31</td>
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<tr>
<td>7.16</td>
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<td></td>
<td>r</td>
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<td></td>
<td>17.51</td>
<td>(1959GA14)</td>
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<td>18.22</td>
<td>(1959HA13, 1970CA1F)</td>
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<td>r</td>
<td></td>
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<td>18.29</td>
<td>A</td>
</tr>
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$^A$: See references for this state in Table 15.14 (1970AJ04).

r = Resonant channel.

$^a$ See also (1959AJ76) and (1973MU14).

$^b$ References to (1970CA1F, 1974SC1C) made by inspection of curves by reviewer.