Table 15.14 from (1981AJ01): Resonances in $^{14}$N + n

<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>$^{15}\text{N}^\ast$ (MeV)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.430 ± 5</td>
<td>3.5</td>
<td>&lt; 3</td>
<td>&lt; 0.01</td>
<td>$\geq \frac{3}{2}$</td>
<td>11.235</td>
<td></td>
</tr>
<tr>
<td>0.4926 ± 0.65</td>
<td>7.5</td>
<td>&lt; 3</td>
<td>&lt; 10</td>
<td>$\frac{1}{2}^-$</td>
<td>11.2929</td>
<td></td>
</tr>
<tr>
<td>0.639 ± 5</td>
<td>43</td>
<td>34</td>
<td>9</td>
<td>$\frac{1}{2}^+$</td>
<td>11.429</td>
<td></td>
</tr>
<tr>
<td>0.998 ± 5</td>
<td>46</td>
<td>45</td>
<td>0.8</td>
<td>$\frac{3}{2}^+$</td>
<td>11.764</td>
<td></td>
</tr>
<tr>
<td>1.120 ± 6</td>
<td>19</td>
<td>19</td>
<td>0.20</td>
<td>$\frac{3}{2}^-$</td>
<td>11.878</td>
<td></td>
</tr>
<tr>
<td>1.188 ± 6</td>
<td>$\leq$ 3.2</td>
<td>&lt; 2</td>
<td>&lt; 0.1</td>
<td>$\geq \frac{3}{2}$</td>
<td>11.942</td>
<td></td>
</tr>
<tr>
<td>1.211 ± 7</td>
<td>13</td>
<td>12</td>
<td>0.4</td>
<td>$\frac{1}{2}^-$</td>
<td>11.963</td>
<td></td>
</tr>
<tr>
<td>1.350 ± 7</td>
<td>21</td>
<td>20</td>
<td>0.9</td>
<td>0.4</td>
<td>12.093</td>
<td></td>
</tr>
<tr>
<td>1.401 ± 8</td>
<td>54</td>
<td>41</td>
<td>11</td>
<td>1.8</td>
<td>12.140</td>
<td></td>
</tr>
<tr>
<td>1.595 ± 8</td>
<td>22</td>
<td>21</td>
<td>0.2</td>
<td>&lt; 0.1</td>
<td>12.321</td>
<td></td>
</tr>
<tr>
<td>1.779 ± 10</td>
<td>47</td>
<td>37</td>
<td>0.5</td>
<td>9.0</td>
<td>(\frac{5}{2}^+)</td>
<td>12.493</td>
</tr>
<tr>
<td>2.23</td>
<td>65</td>
<td>39</td>
<td>7.8</td>
<td>18</td>
<td>$\frac{3}{2}^-$</td>
<td>12.91</td>
</tr>
<tr>
<td>2.47</td>
<td>&lt; 3</td>
<td>r</td>
<td></td>
<td></td>
<td>13.14</td>
<td></td>
</tr>
<tr>
<td>2.52</td>
<td>$\approx$ 7</td>
<td>r</td>
<td></td>
<td></td>
<td>13.18</td>
<td></td>
</tr>
<tr>
<td>2.71</td>
<td>40</td>
<td>r</td>
<td></td>
<td>$\frac{3}{2}^-$</td>
<td>13.36</td>
<td></td>
</tr>
<tr>
<td>2.74</td>
<td>95</td>
<td>r</td>
<td></td>
<td>$\frac{5}{2}^+$</td>
<td>13.39</td>
<td></td>
</tr>
<tr>
<td>2.95</td>
<td>20</td>
<td>16</td>
<td>1.1</td>
<td>3.2</td>
<td>$\frac{5}{2}^+$</td>
<td>13.59</td>
</tr>
<tr>
<td>3.09</td>
<td>60</td>
<td>r</td>
<td>r</td>
<td></td>
<td>13.72</td>
<td></td>
</tr>
<tr>
<td>3.21</td>
<td>85</td>
<td>r</td>
<td>r</td>
<td>r</td>
<td>13.83</td>
<td></td>
</tr>
<tr>
<td>3.51</td>
<td>$\approx$ 20</td>
<td>r</td>
<td>r</td>
<td></td>
<td>14.11</td>
<td></td>
</tr>
<tr>
<td>3.57</td>
<td>30</td>
<td>r</td>
<td>r</td>
<td>r</td>
<td>14.16</td>
<td></td>
</tr>
<tr>
<td>$\approx$ 3.8</td>
<td>$\approx$ 2000</td>
<td>$\approx$ 1000</td>
<td>200</td>
<td>$\approx$ 1000</td>
<td>14.4</td>
<td></td>
</tr>
<tr>
<td>4.09</td>
<td>50</td>
<td>r</td>
<td>r</td>
<td>r</td>
<td>14.65</td>
<td></td>
</tr>
<tr>
<td>$\approx$ 4.2</td>
<td>$\approx$ 300</td>
<td>r</td>
<td>r</td>
<td>r</td>
<td>14.8</td>
<td></td>
</tr>
<tr>
<td>4.38</td>
<td>40</td>
<td>r</td>
<td></td>
<td></td>
<td>14.92</td>
<td></td>
</tr>
<tr>
<td>4.60</td>
<td>r</td>
<td>r</td>
<td></td>
<td>15.12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.03</td>
<td>r</td>
<td></td>
<td>15.52</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.60</td>
<td>100</td>
<td>r</td>
<td></td>
<td>16.06</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.94</td>
<td></td>
<td>r</td>
<td></td>
<td>16.37</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.16</td>
<td>75</td>
<td>r</td>
<td></td>
<td>16.58</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.26</td>
<td>100</td>
<td>r</td>
<td></td>
<td>16.67</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Table 15.14 from (1981AJ01): Resonances in $^{14}$N + n (continued)

<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>$^{15}$N* (MeV)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.55</td>
<td>170</td>
<td>r</td>
<td>r</td>
<td>r</td>
<td></td>
<td>16.94</td>
</tr>
<tr>
<td>6.94</td>
<td>200</td>
<td>r</td>
<td>r</td>
<td>r</td>
<td></td>
<td>17.31</td>
</tr>
<tr>
<td>7.16</td>
<td></td>
<td></td>
<td>r</td>
<td>r</td>
<td></td>
<td>17.51</td>
</tr>
<tr>
<td>7.34</td>
<td>120</td>
<td>r</td>
<td>r</td>
<td>r</td>
<td></td>
<td>17.68</td>
</tr>
<tr>
<td>7.48</td>
<td>180</td>
<td>r</td>
<td>r</td>
<td>r</td>
<td></td>
<td>17.81</td>
</tr>
<tr>
<td>7.92</td>
<td>170</td>
<td>r</td>
<td>r</td>
<td>r</td>
<td></td>
<td>18.22</td>
</tr>
<tr>
<td>8.00</td>
<td>120</td>
<td></td>
<td>r</td>
<td>r</td>
<td></td>
<td>18.29</td>
</tr>
</tbody>
</table>

r = resonant.