Table 15.9 from (1959AJ76): $^{15}$N levels from $^{14}$N(d, p)$^{15}$N

<table>
<thead>
<tr>
<th>$E_x$ (MeV)</th>
<th>$l_n$</th>
<th>$(2J + 1)$θ$^2$ j</th>
<th>$J^\pi$</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.276 ± 0.006</td>
<td>5.280 ± 0.010</td>
<td>1$^a$</td>
<td>0.097</td>
</tr>
<tr>
<td>5.305 ± 0.006</td>
<td></td>
<td>2$^b$</td>
<td>0.03</td>
</tr>
<tr>
<td>6.328 ± 0.006</td>
<td>6.330 ± 0.010</td>
<td>1$^d$</td>
<td>0.035</td>
</tr>
<tr>
<td>7.164 ± 0.006</td>
<td>7.165 ± 0.010</td>
<td>2$^e$</td>
<td>0.32</td>
</tr>
<tr>
<td>7.309 ± 0.006</td>
<td>7.314 ± 0.010</td>
<td>7.307 ± 0.008</td>
<td>0$^e$</td>
</tr>
<tr>
<td>8.315 ± 0.006</td>
<td>8.316 ± 0.010</td>
<td>8.319 ± 0.008</td>
<td>0$^d$</td>
</tr>
<tr>
<td>8.571 ± 0.010</td>
<td>8.577 ± 0.008</td>
<td>0 + 2$^g$</td>
<td>0.03</td>
</tr>
<tr>
<td>9.062 ± 0.010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.165 ± 0.010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.834 ± 0.010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.069 ± 0.010</td>
<td></td>
<td>1$^e$</td>
<td>0.14</td>
</tr>
<tr>
<td>10.458 ± 0.010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.544 ± 0.010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.705 ± 0.010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.811 ± 0.010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.20</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A: (1950MA65); $E_d = 1.4$ MeV, $\theta = 90^\circ$.
B: (1954SP01); $E_d = 5$ to 8.5 MeV, $\theta = 90^\circ$. Accurate level separations are also given.
C: (1956DO41); $E_x$ based on $Q_m$; $Q$’s given by (1956DO41) are given to ±1 or 1.5 keV.

$^a$ (1952GI01, 1957WA01).

$^b$ (1955SH28: see (1958WA1C)).

$^c$ Isotropic: no clear stripping pattern.


$^e$ (1955SH28, 1956GR37).

$^f$ (1956GR37): (1957WA01) find a possible $l = 0$ component.

$^g$ (1955SH28, 1957WA01).

$^h$ Sharp, Buechner and Sperduto, to be published.

$^i$ (1956GR37).

$^j$ (1956GR37, 1957HA1E, 1957WA01).