Table 16.2 from (1959AJ76):
Levels of $^{16}\text{N}$ from $^{15}\text{N}(d, p)^{16}\text{N}$

<table>
<thead>
<tr>
<th>$E_x$ (keV)</th>
<th>$\Gamma_{\text{c.m.}}$ (keV)</th>
<th>$l_n$</th>
<th>$J^\pi$</th>
<th>$\theta^2$</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>sharp</td>
<td>2</td>
<td>2$^-$</td>
<td>0.05</td>
</tr>
<tr>
<td>120 ± 1</td>
<td>sharp</td>
<td>0</td>
<td>0$^-$</td>
<td>0.19</td>
</tr>
<tr>
<td>294 ± 5</td>
<td>sharp</td>
<td>2</td>
<td>3$^-$</td>
<td>0.05</td>
</tr>
<tr>
<td>392 ± 3</td>
<td>sharp</td>
<td>0</td>
<td>1$^-$</td>
<td>0.18</td>
</tr>
<tr>
<td>3530 ± 30</td>
<td>sharp</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3980 ± 20</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4800 ± 50</td>
<td>230 ± 40</td>
<td></td>
<td>1$^-$</td>
<td></td>
</tr>
<tr>
<td>5010 ± 50</td>
<td>(5010 ± 50)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5250 ± 50</td>
<td>290 ± 50</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

$^a$ (1957WA01: $E_d = 14.8$ MeV). No other proton groups are observed corresponding to $^{16}\text{N}^* < 9$ MeV. Energies of first three excited states are from $\gamma$-ray measurements (1957FR56, 1957WI1B).

$^b$ (1957WA01) and (1956ZI1A: $E_d = 2.75$ MeV); $J$ assignments from stripping and gamma decay data: see text.

$^c$ (1957WA01).