Table 8.10 from (1966LA04): Levels of $^8$Be from $^6$Li(d, $\alpha$)$^4$He

<table>
<thead>
<tr>
<th>$E_{\text{res}}$ (MeV)</th>
<th>$E_\lambda$(c.m.) (MeV)</th>
<th>$E_x$ (MeV)</th>
<th>$\Gamma_{\text{c.m.}}$ a (MeV)</th>
<th>$J^\pi$</th>
<th>$\theta^2_\beta$</th>
<th>$\theta^2_\alpha$</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.8</td>
<td>0.26</td>
<td>22.54</td>
<td>0.80</td>
<td>$2^+$</td>
<td>0.23</td>
<td>0.003</td>
</tr>
<tr>
<td></td>
<td>1.74</td>
<td>24.02</td>
<td>1.36</td>
<td>$0^+$</td>
<td>0.75</td>
<td>0.09</td>
</tr>
<tr>
<td>3.75</td>
<td>2.95</td>
<td>25.23</td>
<td>0.27</td>
<td>$2^+$</td>
<td>0.025</td>
<td>0.022</td>
</tr>
</tbody>
</table>

a (1965FR02).
b Partial width, $\Gamma_{\lambda\lambda}$.