\(X(4200)^\pm\)

\[I(J^P) = ?(1^+)\]

**OMITTED FROM SUMMARY TABLE**

Reported by CHILIKIN 14 in \(J/\psi\pi^+\) at a significance of 6.2\(\sigma\). Assignments of \(0^-, 1^-, 2^-, \) and \(2^+\) excluded at 6.1\(\sigma\), 7.4\(\sigma\), 4.4\(\sigma\), and 7.0\(\sigma\) level, respectively. Needs confirmation.

### \(X(4200)^\pm\) MASS

<table>
<thead>
<tr>
<th>VALUE (MeV)</th>
<th>DOCUMENT ID</th>
<th>TECN</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4196^{+31}<em>{-29}^{+17}</em>{-13})</td>
<td>CHILIKIN 14</td>
<td>BELL</td>
<td>(B^0 \to J/\psi K^-\pi^+)</td>
</tr>
</tbody>
</table>

### \(X(4200)^\pm\) WIDTH

<table>
<thead>
<tr>
<th>VALUE (MeV)</th>
<th>DOCUMENT ID</th>
<th>TECN</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>(370^{+70}_{-132})</td>
<td>CHILIKIN 14</td>
<td>BELL</td>
<td>(B^0 \to J/\psi K^-\pi^+)</td>
</tr>
</tbody>
</table>

### \(X(4200)^\pm\) DECAY MODES

<table>
<thead>
<tr>
<th>Mode</th>
<th>Fraction ((\Gamma_i/\Gamma))</th>
</tr>
</thead>
<tbody>
<tr>
<td>(\Gamma_1)</td>
<td>(J/\psi\pi^+) seen</td>
</tr>
</tbody>
</table>

### \(X(4200)^\pm\) BRANCHING RATIOS

<table>
<thead>
<tr>
<th>(\Gamma(J/\psi\pi^+)/\Gamma_{total})</th>
<th>DOCUMENT ID</th>
<th>TECN</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>(\text{seen})</td>
<td>CHILIKIN 14</td>
<td>BELL</td>
<td>(B^0 \to J/\psi K^-\pi^+)</td>
</tr>
</tbody>
</table>

### \(X(4200)^\pm\) REFERENCES

CHILIKIN 14 PR D90 112009 K. Chilikin et al. (BELLE Collab.)