Gain of PMT1 (1100V)

\[
\text{Gain} = \frac{\text{Peak}_2 - \text{Peak}_1}{R \cdot e} = 4.2 \times 10^6
\]
Gain of PMT1 (1200V)

Gain = \frac{Peak2 - Peak1}{R\cdot e} = 8.1 \times 10^6
Gain of PMT1 (1300V)

Gain = \frac{\text{Peak2} - \text{Peak1}}{R \cdot e} = 1.4 \times 10^7
Gain of PMT1 (1400V)

\[
\text{Gain} = \frac{\text{Peak}_2 - \text{Peak}_1}{R \cdot e} = 2.4 \times 10^7
\]
Gain of PMT1 (1500V)

\[
\text{Gain} = \frac{\text{Peak2} - \text{Peak1}}{R \cdot e} = 4.0 \times 10^7
\]
Gain of PMT2 (1200V)

Gain = \frac{\text{Peak}_2 - \text{Peak}_1}{R \cdot e} = 1.1 \times 10^7
Gain of PMT2 (1300V)

\[ \text{Gain} = \frac{\text{Peak}_2 - \text{Peak}_1}{R \cdot e} = 1.9 \times 10^7 \]
Gain of PMT2 (1400V)

\[
\text{Gain} = \frac{\text{Peak}_2 - \text{Peak}_1}{R \cdot e} = 3.1 \times 10^7
\]
Gain of PMT2 (1500V)

\[ \text{Gain} = \frac{\text{Peak}_2 - \text{Peak}_1}{R \cdot e} = 5.6 \times 10^7 \]
Gain of two PMT2

<table>
<thead>
<tr>
<th>Voltage</th>
<th>PMT 1</th>
<th>PMT 2</th>
</tr>
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<tbody>
<tr>
<td>1100v</td>
<td>$4.2 \times 10^6$</td>
<td>$5.2 \times 10^6$</td>
</tr>
<tr>
<td>1200v</td>
<td>$8.1 \times 10^6$</td>
<td>$1.1 \times 10^7$</td>
</tr>
<tr>
<td>1300v</td>
<td>$1.4 \times 10^7$</td>
<td>$1.9 \times 10^7$</td>
</tr>
<tr>
<td>1400v</td>
<td>$2.4 \times 10^7$</td>
<td>$3.1 \times 10^7$</td>
</tr>
<tr>
<td>1500v</td>
<td>$4.0 \times 10^7$</td>
<td>$5.6 \times 10^7$</td>
</tr>
</tbody>
</table>