

$$\sum_{\sigma} \alpha | \alpha' (q, \nu) = \text{Diagram}$$

The diagram illustrates a particle interaction process. It features a central gray circle representing an interaction region. To the left of this circle, an incoming particle is represented by a horizontal line with an arrow pointing left. This line is labeled with α' above it and q below it. A second horizontal line, parallel to the first, is labeled with σ above it and ν below it, and it also has an arrow pointing left. To the right of the central circle, an outgoing particle is represented by a horizontal line with an arrow pointing right. This line is labeled with α above it and q below it. A second horizontal line, parallel to the first, is labeled with σ above it and ν below it, and it also has an arrow pointing right.