

$$\Sigma_P^{(j)}(p^0) = \sum_{B,m_1,m_2} \left(F^{(j)} C_{P,B,m_1,m_2}^{(j)} \right) I^{(j)}(p^0; B, m_1, m_2) \left(F^{(j)} C_{P,B,m_1,m_2}^{(j)} \right)$$