

$$\frac{\langle 24 \rangle [31] m_t (1/6 [1 \mathbf{3} \mathbf{4} \mathbf{1}] \langle 1 \mathbf{3} \mathbf{4} \mathbf{1} \rangle \dots \langle 4 \text{ terms} \rangle \dots - 1/3 \langle 1 \mathbf{3} \mathbf{1} \rangle \langle 2 \mathbf{4} \mathbf{2} \rangle m_t^2)}{\langle 12 \rangle [12] (s \mathbf{3} \mathbf{4} - 4 m_t^2) \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{\text{tr}(1+2 \mathbf{3} \mathbf{4}) m_t (3/4 \langle 2 \mathbf{3} \mathbf{1} \rangle [32] \langle 24 \rangle \langle 2 \mathbf{3} \mathbf{2} \rangle \dots \langle 33 \text{ terms} \rangle \dots + 3/4 \langle 2 \mathbf{3} \mathbf{1} \rangle [32] \langle 24 \rangle \langle 1 \mathbf{3} \mathbf{1} \rangle)}{\langle 12 \rangle [12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}^2} +$$

$$\frac{m_t (1/12 \langle 2 \mathbf{4} \mathbf{2} \rangle [1 \mathbf{3} \mathbf{4} \mathbf{2}] \langle 3 \mathbf{4} \mathbf{2} \rangle \dots \langle 21 \text{ terms} \rangle \dots - 1/2 \langle 12 \rangle [31] \langle 24 \rangle \langle 1 \mathbf{3} \mathbf{4} \mathbf{2} \rangle)}{\langle 12 \rangle [12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{m_t (-1/4 \langle 24 \rangle \langle 2 \mathbf{3} \mathbf{2} \rangle [31] \dots \langle 7 \text{ terms} \rangle \dots - 2 \langle 14 \rangle \langle 2 \mathbf{4} \mathbf{1} \rangle [31])}{\langle 12 \rangle [12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{m_t (-1/6 \langle 2 \mathbf{3} \mathbf{4} \rangle \langle 2 \mathbf{4} \mathbf{1} \rangle [31] - 233/96 m_t^2 [1 \mathbf{3} \mathbf{4} \mathbf{1}] [31] - 7/2 \text{tr}(\mathbf{3} \mathbf{4}) [1 \mathbf{3} \mathbf{4} \mathbf{1}] [31] + 1/12 [1 \mathbf{3} \mathbf{4} \mathbf{1}] \langle 24 \rangle [32])}{[12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{m_t [1 \mathbf{4} \mathbf{4}] [31] (-1/2 \text{tr}(\mathbf{3} \mathbf{4}) + 5/2 m_t^2)}{[12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{-1/12 [3 \mathbf{3} \mathbf{4} \mathbf{1}] [1 \mathbf{3} \mathbf{4} \mathbf{1}] m_t}{[12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{m_t (-1/12 \langle 3 \mathbf{4} \mathbf{2} \rangle [1 \mathbf{3} \mathbf{4} \mathbf{1}] + 1/12 \langle 24 \rangle \text{tr}(\mathbf{3} \mathbf{4}) [31] - 4/3 \langle 24 \rangle m_t^2 [31])}{\Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{m_t (1/12 [3 \mathbf{4} \mathbf{4}] \langle 2 \mathbf{3} \mathbf{1} \rangle + 1/6 \langle 2 \mathbf{3} \mathbf{4} \mathbf{4} \rangle [31])}{\Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{[14] \langle 32 \rangle m_t (1/6 \langle 2 \mathbf{3} \mathbf{4} \mathbf{2} \rangle \langle 2 \mathbf{3} \mathbf{4} \mathbf{2} \rangle \dots \langle 4 \text{ terms} \rangle \dots + 1/6 \langle 1 \mathbf{3} \mathbf{1} \rangle \text{tr}(\mathbf{3} \mathbf{4}) \langle 2 \mathbf{3} \mathbf{2} \rangle)}{\langle 12 \rangle [12] (s \mathbf{3} \mathbf{4} - 4 m_t^2) \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{\text{tr}(1+2 \mathbf{3} \mathbf{4}) m_t (3/4 \langle 1 \mathbf{4} \mathbf{1} \rangle \langle 2 \mathbf{4} \mathbf{1} \rangle \langle 24 \rangle \langle 32 \rangle \dots \langle 23 \text{ terms} \rangle \dots - 3/2 \langle 2 \mathbf{3} \mathbf{1} \rangle \langle 31 \rangle [14] \langle 12 \rangle [12])}{\langle 12 \rangle [12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}^2} +$$

$$\frac{m_t (-2 \langle 2 \mathbf{4} \mathbf{1} \rangle [24] \langle 32 \rangle \dots \langle 7 \text{ terms} \rangle \dots - 2 \langle 31 \rangle \langle 2 \mathbf{3} \mathbf{1} \rangle [14])}{\langle 12 \rangle [12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{m_t (1/3 \langle 1 \mathbf{4} \mathbf{1} \rangle \langle 2 \mathbf{4} \mathbf{2} \rangle \langle 32 \rangle [14] \dots \langle 20 \text{ terms} \rangle \dots - 1/6 \langle 3 \mathbf{4} \mathbf{2} \rangle \langle 2 \mathbf{3} \mathbf{1} \rangle \langle 12 \rangle [14])}{\langle 12 \rangle [12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{(1/3 [34] \langle 2 \mathbf{3} \mathbf{1} \rangle - 1/3 \langle 2 \mathbf{3} \mathbf{4} \mathbf{1} \rangle [31] - 1/3 [34] \langle 2 \mathbf{4} \mathbf{1} \rangle + 1/3 \langle 3 \mathbf{4} \mathbf{2} \rangle [14])}{\langle 12 \rangle [12] (s \mathbf{3} \mathbf{4} - 4 m_t^2)} +$$

$$\frac{(1/12 [1 \mathbf{3} \mathbf{4} \mathbf{2}] [34] \langle 2 \mathbf{3} \mathbf{4} \mathbf{2} \rangle \dots \langle 22 \text{ terms} \rangle \dots - 1/12 [14] \langle 12 \rangle \text{tr}(\mathbf{3} \mathbf{4})^2 [31])}{\langle 12 \rangle [12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$

$$\frac{(-1/3 [34] \langle 2 \mathbf{4} \mathbf{1} \rangle + 1/3 \langle 2 \mathbf{3} \mathbf{1} \rangle [34] + 1/3 \langle 3 \mathbf{4} \mathbf{1} \rangle \langle 24 \rangle - 1/3 \langle 32 \rangle [1 \mathbf{3} \mathbf{4} \mathbf{1}])}{\langle 12 \rangle [12] (s \mathbf{3} \mathbf{4} - 4 m_t^2)} +$$

$$\frac{(-1/12 \langle 3 \mathbf{4} \mathbf{2} \rangle \langle 24 \rangle m_t^2 \langle 2 \mathbf{4} \mathbf{1} \rangle \dots \langle 14 \text{ terms} \rangle \dots - 1/12 \langle 2 \mathbf{4} \mathbf{1} \rangle \langle 31 \rangle [1 \mathbf{3} \mathbf{4} \mathbf{1}] \text{tr}(\mathbf{3} \mathbf{4}))}{\langle 12 \rangle [12] \Delta_{12 \mathbf{3} \mathbf{4} \mathbf{5}}} +$$