$$\frac{1/3\langle\mathbf{32}\rangle\langle2|\mathbf{3}|\mathbf{4}]m_t}{\langle12\rangle}+$$

$$\frac{-1/3\langle24\rangle[\mathbf{3}|\mathbf{4}|2\rangle m_t}{\langle12\rangle}+$$

$$\frac{1/3\langle\mathbf{34}\rangle\langle2|\mathbf{3}|\mathbf{4}|2\rangle}{\langle12\rangle}+$$

$$\frac{1/3\langle\mathbf{34}\rangle\langle2|\mathbf{4}|1]\mathrm{tr}(\mathbf{3}|\mathbf{4})}{\langle12\rangle[12]}+$$

$$\frac{s_{\mathbf{34}}(s_{124}-m_t^2)m_t(1/24\langle\mathbf{3}|\mathbf{4}|1]\langle2|\mathbf{3}|\mathbf{4}]-1/8\langle\mathbf{32}\rangle[14]\mathrm{tr}(\mathbf{3}|\mathbf{4})+1/4\langle\mathbf{32}\rangle m_t^2[14])}{\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{\langle\mathbf{34}\rangle\langle2|\mathbf{3}|1]s_{\mathbf{34}}(s_{124}-m_t^2)(-1/6m_t^2+1/24\mathrm{tr}(\mathbf{3}|\mathbf{4}))}{\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{\langle\mathbf{32}\rangle s_{\mathbf{34}}(s_{124}-m_t^2)m_t(-1/24\langle2|\mathbf{3}|\mathbf{4}|2\rangle[24]\ldots\langle\!\langle5\,\mathrm{terms}\rangle\!\rangle\ldots-1/12[14]\langle1|\mathbf{3}|\mathbf{4}|2\rangle)}{\langle12\rangle\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{s_{\mathbf{34}}(s_{124}-m_t^2)m_t(-1/24\langle2|\mathbf{3}|\mathbf{4}|2\rangle\langle24\rangle[32]+1/24\langle2|\mathbf{3}|2]\langle24\rangle[\mathbf{3}|\mathbf{4}|2\rangle-1/24[31]\langle2|\mathbf{3}|\mathbf{4}|2\rangle\langle14\rangle-1/8\langle24\rangle[\mathbf{3}|\mathbf{4}|2\rangle\mathrm{tr}(\mathbf{3}|\mathbf{4})-1/24\langle24\rangle[\mathbf{3}|\mathbf{4}|2\rangle\langle1|\mathbf{4}|1])}{\langle12\rangle\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{s_{\mathbf{34}}(s_{124}-m_t^2)(1/24\langle24\rangle\langle1|\mathbf{3}|\mathbf{4}|2\rangle\langle\mathbf{3}|\mathbf{4}|1]\ldots\langle\!\langle3\,\mathrm{terms}\rangle\!\rangle\ldots+1/24\langle\mathbf{32}\rangle\langle24\rangle\langle1|\mathbf{3}|1]\mathrm{tr}(\mathbf{3}|\mathbf{4})-1/24\langle\mathbf{32}\rangle\langle24\rangle\mathrm{tr}(\mathbf{3}|\mathbf{4})\langle2|\mathbf{4}|2])}{\langle12\rangle\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{[\mathbf{34}]\langle2|\mathbf{3}|\mathbf{4}|2\rangle s_{\mathbf{34}}(s_{124}-m_t^2)(1/24\mathrm{tr}(\mathbf{3}|\mathbf{4})-1/6m_t^2)}{\langle12\rangle\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{-1/12\langle\mathbf{32}\rangle m_t^3\langle2|\mathbf{3}|\mathbf{4}](s_{124}-m_t^2)\mathrm{tr}(1+2|\mathbf{3}+\mathbf{4})}{\langle12\rangle\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{1/24\langle24\rangle[\mathbf{3}|\mathbf{4}|2\rangle\mathrm{tr}(\mathbf{3}|\mathbf{4})(s_{124}-m_t^2)\mathrm{tr}(1+2|\mathbf{3}+\mathbf{4})m_t}{\langle12\rangle\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{s_{\mathbf{34}}(s_{124}-m_t^2)m_t(1/4\langle\mathbf{32}\rangle m_t^2[14]\langle2|\mathbf{4}|2]\ldots\langle\!\langle6\,\mathrm{terms}\rangle\!\rangle\ldots-1/12\langle2|\mathbf{3}|2]\langle\mathbf{3}|\mathbf{4}|1]\langle2|\mathbf{3}|\mathbf{4}])}{\langle12\rangle[12]\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{\langle24\rangle\langle\mathbf{3}|\mathbf{4}|1]\mathrm{tr}(\mathbf{3}|\mathbf{4})s_{\mathbf{34}}(s_{124}-m_t^2)(1/12\langle2|\mathbf{4}|2]+1/12\langle1|\mathbf{4}|1])}{\langle12\rangle[12]\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{m_t^3(s_{124}-m_t^2)\mathrm{tr}(1+2|\mathbf{3}+\mathbf{4})(-1/2\langle\mathbf{32}\rangle m_t^2[14]+1/6\langle\mathbf{3}|\mathbf{4}|1]\langle2|\mathbf{3}|\mathbf{4}])}{\langle12\rangle[12]\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$\frac{-1/12\langle\mathbf{34}\rangle\langle2|\mathbf{4}|1]\mathrm{tr}(\mathbf{3}|\mathbf{4})^2(s_{124}-m_t^2)\mathrm{tr}(1+2|\mathbf{3}+\mathbf{4})}{\langle12\rangle[12]\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}}+$$

$$(12345\to\overline{21345})+$$

$$\frac{1/48m_t^2(\langle2|\mathbf{3}|1+2|\mathbf{4}|1]-\langle2|\mathbf{4}|1+2|\mathbf{3}|1])\mathrm{tr}(1+2|\mathbf{3}+\mathbf{4})(s_{124}-m_t^2)^2s_{\mathbf{34}}(s_{\mathbf{34}}-4m_t^2)([\mathbf{34}]-\langle\mathbf{34}\rangle)}{\langle12\rangle[12]\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}^2}+$$

$$\frac{1/48m_t(\langle2|\mathbf{3}|1+2|\mathbf{4}|1]-\langle2|\mathbf{4}|1+2|\mathbf{3}|1])(s_{124}-m_t^2)^2s_{\mathbf{34}}^2(s_{\mathbf{34}}-4m_t^2)([\mathbf{3}|1+2|\mathbf{4}\rangle-\langle\mathbf{3}|1+2|\mathbf{4}])}{\langle12\rangle[12]\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}^2}$$