

$$\frac{72[13]\langle 24\rangle\langle 26\rangle[35]\langle 56\rangle[56]}{\langle 2|1+4|3\rangle^4} +$$

$$\frac{18\langle 24\rangle\langle 26\rangle[35](s_{234}-s_{123})}{\langle 12\rangle\langle 2|1+4|3\rangle^3} +$$

$$\frac{-3\langle 23\rangle[35]^2\langle 56\rangle\ldots\langle\langle 4\text{ terms}\rangle\rangle\ldots+24\langle 26\rangle[34]\langle 46\rangle[56]}{\langle 12\rangle[34]\langle 2|1+4|3\rangle^2} +$$

$$\frac{6[35]\langle 36\rangle+12[45]\langle 46\rangle+6[25]\langle 26\rangle}{\langle 12\rangle[34]\langle 2|1+4|3\rangle} +$$

$$\frac{3\langle 26\rangle[35]\langle 1|2+3|4\rangle}{\langle 12\rangle^2[34]^2\langle 2|1+4|3\rangle} +$$

$$\frac{3\langle 13\rangle^2\langle 2|1+3|5\rangle^2}{\langle 12\rangle^3\langle 23\rangle[34][56]s_{123}} +$$

$$\frac{-1\langle 13\rangle\langle 3|1+2|5\rangle\langle 2|1+3|5\rangle}{\langle 12\rangle^2\langle 23\rangle[34][56]s_{123}} +$$

$$\frac{-1\langle 13\rangle[24]\langle 2|1+3|5\rangle^2}{\langle 12\rangle^2\langle 23\rangle[34]^2[56]s_{123}} +$$

$$\frac{1[24]\langle 3|1+2|5\rangle\langle 2|1+3|5\rangle}{\langle 12\rangle\langle 23\rangle[34]^2[56]s_{123}} +$$

$$\frac{4\langle 3|1+2|5\rangle^2}{\langle 12\rangle\langle 23\rangle[34][56]s_{123}}$$