$$\frac{-5/2\langle 46\rangle[45][12]\langle 13\rangle}{s_{123}\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{\langle 46\rangle[12](-3/2\langle 12\rangle[25][14]\langle 14\rangle \ldots \langle 5\text{ terms}\rangle \ldots -3/2[14][35]\langle 14\rangle\langle 13\rangle)}{s_{123}\langle 1|2+4|3]\langle 2|1+3|4]\langle 4|1+2|3]} +$$

$$\frac{-1\langle 4|1+3|2]\langle 46\rangle[12][35]\langle 14\rangle}{\langle 1|2+4|3\rangle\langle 4|1+2|3]^2 s_{123}} +$$

$$\frac{-3/2\langle 46\rangle[25][12]\langle 14\rangle}{s_{123}\langle 1|2+4|3]\langle 4|1+2|3]} +$$

$$\frac{1[12][35]\langle 14\rangle\langle 26\rangle\langle 1|3+4|2]}{\langle 1|2+4|3]^2\langle 2|1+3|4]\langle 4|1+2|3]} +$$

$$\frac{-1/4(s_{12}-s_{34})\langle 16\rangle(s_{124}-s_{234})[45][12]\langle 14\rangle}{\Delta_{13|24|56}\langle 1|2+4|3]^2\langle 2|1+3|4]} +$$

$$\frac{1/4\langle 16\rangle(s_{124}-s_{234})[25][12]\langle 14\rangle}{\Delta_{13|24|56}\langle 1|2+4|3]^2} +$$

$$\frac{1/4(s_{12}-s_{34})[45][12]\langle 13\rangle\langle 26\rangle(s_{123}-s_{134})}{\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]^2} +$$

$$\frac{-1\langle 26\rangle[45][12]\langle 13\rangle}{\langle 1|2+4|3]\langle 2|1+3|4]^2} +$$

$$\frac{[12](3\langle 26\rangle[12][35]\langle 14\rangle+3/2[13][35]\langle 36\rangle\langle 14\rangle+5/2[13][45]\langle 46\rangle\langle 14\rangle-3/2\langle 12\rangle\langle 46\rangle[12][35])}{[13]\langle 1|2+4|3]\langle 2|1+3|4]\langle 4|1+2|3]} +$$

$$\frac{-3/32\langle 6|1+3|5][12]\langle 13\rangle(s_{25}+s_{26}+s_{45}+s_{46})(s_{12}-s_{34})^2}{\Delta^2_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{1/8\langle 6|1+3|5][34][12]^2\langle 24\rangle\langle 13\rangle}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{1/8\langle 6|1+3|5](s_{24}-s_{56})[12]\langle 14\rangle[14]}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{-3/8(s_{24}-s_{56})\langle 46\rangle[12][35]\langle 13\rangle[14]}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{[12]\langle 6|1+3|5](15/8\langle 12\rangle[24]\langle 34\rangle \ldots \langle 4\text{ terms}\rangle \ldots -1/8\langle 23\rangle[23]\langle 13\rangle)}{\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{\langle 36\rangle[12](s_{12}-s_{34})(9/8[45]\langle 14\rangle+3/8\langle 12\rangle[25])}{\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{[12](3/8\langle 46\rangle[35][14]\langle 13\rangle^2 \ldots \langle 4\text{ terms}\rangle \ldots +3/4\langle 12\rangle[25]\langle 46\rangle\langle 13\rangle[14])}{\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{-3[15][12]\langle 16\rangle}{[13]\langle 1|2+4|3]\langle 2|1+3|4]} +$$

$$\frac{-3/32\langle 6|1+3|5]\langle 4|1+3|2][12]\langle 13\rangle(s_{25}+s_{26}+s_{45}+s_{46})}{\Delta^2_{13|24|56}\langle 1|2+4|3]} +$$

$$\frac{[25][12](-3/4\langle 36\rangle\langle 14\rangle+1/2\langle 46\rangle\langle 13\rangle)}{\Delta_{13|24|56}\langle 1|2+4|3]} +$$

$$\frac{3/2[15]\langle 46\rangle[12]}{[13]\langle 2|1+3|4]\langle 4|1+2|3]} +$$

$$\frac{-3/32\langle 6|1+3|5][12]\langle 13\rangle\langle 3|2+4|1](s_{25}+s_{26}+s_{45}+s_{46})}{\Delta^2_{13|24|56}\langle 2|1+3|4]} +$$

$$\frac{\langle 36\rangle[12](-3/8\langle 23\rangle[25]+3/2[45]\langle 34\rangle)}{\Delta_{13|24|56}\langle 2|1+3|4]}$$