$$\frac{[13](-3\langle46\rangle[13]\langle23\rangle[25]\langle12\rangle\ldots\langle\!\langle 8\,\text{terms}\rangle\!\rangle\ldots+7/4\langle46\rangle[35]\langle34\rangle\langle23\rangle[34])}{\langle2|1+4|3]^3}+$$

$$\frac{[13][35]\langle13\rangle\langle26\rangle(s_{13}-s_{24})(1[13]\langle13\rangle-1\langle14\rangle[14])}{\langle1|2+3|4|\langle2|1+4|3]^3}+$$

$$\frac{[13]\langle26\rangle^2(s_{13}-s_{24})(-1[13][23]\langle13\rangle^2+2[23]\langle13\rangle\langle24\rangle[24]-1[14]\langle14\rangle^2[24])}{\langle56\rangle\langle1|2+3|4|\langle2|1+4|3]^3}+$$

$$\frac{[13]\langle26\rangle(-1\langle13\rangle\langle46\rangle[13][23]\langle23\rangle\ldots\langle\!\langle 8\,\text{terms}\rangle\!\rangle\ldots+2[12]\langle46\rangle[24]\langle24\rangle\langle12\rangle)}{\langle56\rangle\langle2|1+4|3]^3}+$$

$$\frac{[35]\langle3|1+4|2](s_{124}-s_{134})(3/8[13]\langle46\rangle\langle23\rangle-3/8\langle36\rangle[13]\langle24\rangle+3/8\langle24\rangle[14]\langle46\rangle)}{\langle2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{[15](1(12)^2[14]^2\langle34\rangle[25]\langle14\rangle\ldots\langle\!\langle 28\,\text{terms}\rangle\!\rangle\ldots-1[12]\langle13\rangle[35]\langle34\rangle\langle23\rangle[12][34])}{\langle23\rangle[56]\langle1|2+3|4|\langle2|1+4|3]^2}+$$

$$\frac{-1\langle13\rangle^2[13]^2[35]\langle34\rangle\langle23\rangle[45]}{\langle23\rangle[56]\langle1|2+3|4|\langle2|1+4|3]^2}+$$

$$\frac{[15](-17/4[25]\langle13\rangle\langle24\rangle^2[14]\ldots\langle\!\langle 20\,\text{terms}\rangle\!\rangle\ldots-1/2(12)[14][34]\langle15\rangle\langle14\rangle)}{\langle23\rangle[56]\langle2|1+4|3]^2}+$$

$$\frac{3/4[13][35]\langle34\rangle^2\langle23\rangle[45]}{\langle23\rangle[56]\langle2|1+4|3]^2}+$$

$$\frac{-3/4[13][35]\langle34\rangle\langle23\rangle^2[25]}{\langle23\rangle[56]\langle2|1+4|3]^2}+$$

$$\frac{9/64s_{56}(s_{12}+s_{13}+s_{24}+s_{34})\langle26\rangle\langle3|1+4|2][25]\langle4|2+3|1]}{\langle2|1+4|3]\Delta_{14|23|56}^2}+$$

$$\frac{-9/64(s_{12}+s_{13}+s_{24}+s_{34})\langle26\rangle\langle3|1+4|2][25](s_{14}-s_{23})\langle4|2+3|1]}{\langle2|1+4|3]\Delta_{14|23|56}^2}+$$

$$\frac{\langle3|1+4|2](s_{123}-s_{234})(s_{12}+s_{13}+s_{24}+s_{34})(9/64[13]\langle13\rangle[15]\langle46\rangle+9/32\langle34\rangle[35][13]\langle36\rangle+9/64\langle34\rangle\langle46\rangle[35][14]+9/64\langle34\rangle[45][13]\langle46\rangle)}{\langle2|1+4|3]\Delta_{14|23|56}^2}+$$

$$\frac{[13]\langle3|1+4|2](s_{12}+s_{13}+s_{24}+s_{34})\langle4|2+3|1](9/16[45]\langle13\rangle\langle46\rangle+9/16\langle36\rangle[35]\langle13\rangle+9/16\langle36\rangle[25]\langle12\rangle)}{\langle2|1+4|3]\Delta_{14|23|56}^2}+$$

$$\frac{9/16[12]\langle46\rangle[35]\langle24\rangle\langle34\rangle\langle23\rangle\ldots\langle\!\langle 8\,\text{terms}\rangle\!\rangle\ldots+9/16[12]\langle13\rangle[13]\langle36\rangle[15]\langle14\rangle}{\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle34\rangle[15](1[12][35]\langle24\rangle\langle34\rangle\langle23\rangle\langle12\rangle\ldots\langle\!\langle 6\,\text{terms}\rangle\!\rangle\ldots+2[12]\langle13\rangle[35]\langle14\rangle\langle34\rangle\langle12\rangle)}{\langle23\rangle[56]\langle1|2+3|4|\langle2|1+4|3]\langle4|2+3|1]}+$$

$$\frac{\langle34\rangle[15](1\langle34\rangle[25]\langle24\rangle\langle23\rangle+1\langle34\rangle[25]\langle13\rangle[14]+1[12][25]\langle13\rangle\langle23\rangle+1[12]\langle13\rangle^2[15])}{\langle23\rangle[56]\langle1|2+3|4|\langle4|2+3|1]}+$$

$$(123456\to\overline{432165})+$$

$$\frac{-9[13][35]\langle26\rangle\Delta_{14|23|56}\langle24\rangle}{\langle2|1+4|3]^4}+$$

$$\frac{9/8[13][35]\langle26\rangle\langle3|1+4|2]^2\langle24\rangle}{\Delta_{14|23|56}\langle2|1+4|3]^2}$$