$$\frac{\langle13\rangle\langle34\rangle[35]\langle46\rangle(-7873/1800\langle13\rangle[13]-7873/1800\langle34\rangle[34])}{\langle14\rangle^2\langle23\rangle[34]\langle2|1+4|3]s_{123}}+$$

$$\frac{-7873/1800\langle46\rangle\langle34\rangle\langle26\rangle\langle4|1+3|2]}{\langle14\rangle\langle24\rangle\langle56\rangle\langle2|1+4|3]s_{123}}+$$

$$\frac{-7873/1800[45]\langle46\rangle[23]\langle13\rangle^2\langle34\rangle}{\langle14\rangle^2\langle23\rangle[34]\langle1|2+3|4]s_{123}}+$$

$$\frac{[45](-7873/1800\langle12\rangle^2[12]\langle13\rangle\langle34\rangle^2[35]\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots-5627/900\langle12\rangle[15][12]\langle14\rangle\langle24\rangle\langle13\rangle^2)}{\langle12\rangle\langle14\rangle\langle23\rangle\langle24\rangle[34][56]\langle1|2+3|4]s_{123}}+$$

$$\frac{-5/6\langle46\rangle^2\langle34\rangle^2[24][14]}{\langle24\rangle\langle56\rangle\langle4|2+3|4]^2s_{123}}+$$

$$\frac{\langle34\rangle\langle46\rangle[24](-13273/360\langle46\rangle\langle12\rangle[14]\langle14\rangle\langle34\rangle\ldots\langle\langle8\,\text{terms}\rangle\rangle\ldots+1127/300\langle14\rangle\langle36\rangle\langle24\rangle^2[24])}{\langle14\rangle^2\langle23\rangle\langle24\rangle[34]\langle56\rangle\langle4|2+3|4]s_{123}}+$$

$$\frac{\langle46\rangle[24](-13273/360\langle34\rangle[24]\langle46\rangle-13273/540\langle34\rangle[23]\langle36\rangle-32611/2700\langle13\rangle[12]\langle46\rangle)}{\langle14\rangle[34]\langle56\rangle\langle4|2+3|4]s_{123}}+$$

$$\frac{[24]\langle46\rangle(-13873/360\langle34\rangle[13][24]\langle46\rangle\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots+59603/1800[12][24]\langle24\rangle\langle46\rangle)}{[23]\langle24\rangle[34]\langle56\rangle\langle4|2+3|4]s_{123}}+$$

$$\frac{5/3\langle34\rangle[12][24]\langle46\rangle^2}{[23]\langle24\rangle\langle56\rangle\langle4|2+3|4]s_{123}}+$$

$$\frac{[13][45](5627/900\langle34\rangle^2[25]\langle12\rangle^2-5627/900\langle12\rangle[15]\langle14\rangle\langle13\rangle\langle34\rangle-7873/360[45]\langle14\rangle\langle24\rangle\langle13\rangle\langle34\rangle+7873/450\langle13\rangle^2[25]\langle24\rangle^2)}{\langle12\rangle\langle14\rangle\langle24\rangle[34][56]\langle2|1+3|4]s_{123}}+$$

$$\frac{-1127/1800\langle34\rangle^2\langle46\rangle^2}{\langle14\rangle\langle24\rangle^2\langle56\rangle s_{123}}+$$

$$\frac{\langle46\rangle(-1127/300\langle12\rangle\langle36\rangle[14]\langle14\rangle\langle34\rangle\ldots\langle\langle9\,\text{terms}\rangle\rangle\ldots-23623/1350\langle36\rangle[23]\langle23\rangle\langle24\rangle\langle13\rangle)}{\langle12\rangle\langle14\rangle\langle23\rangle\langle24\rangle[34]\langle56\rangle s_{123}}+$$

$$\frac{\langle36\rangle(-21373/900\langle12\rangle[23]\langle36\rangle\langle24\rangle\langle34\rangle\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots+7873/360[12]\langle14\rangle\langle24\rangle\langle26\rangle\langle13\rangle)}{\langle12\rangle\langle14\rangle\langle23\rangle\langle24\rangle[34]\langle56\rangle s_{123}}+$$

$$\frac{\langle34\rangle[45](-1127/300\langle34\rangle\langle12\rangle\langle14\rangle[15]\ldots\langle\langle4\,\text{terms}\rangle\rangle\ldots-3373/300\langle13\rangle\langle34\rangle\langle24\rangle[35])}{\langle12\rangle\langle14\rangle\langle23\rangle\langle24\rangle[34][56]s_{123}}+$$

$$\frac{-5/3\langle34\rangle[13][24]\langle46\rangle^2}{[23]\langle24\rangle^2[34]\langle56\rangle s_{123}}+$$

$$\frac{15/2(s_{13}-s_{14}-s_{24})\langle4|2+3|1]\langle26\rangle(s_{134}-s_{124})[35]}{\langle2|1+4|3]^3\Delta_{14|23|56}}+$$

$$\frac{-4803541/18720s_{134}[34]\langle24\rangle\langle26\rangle^2\langle34\rangle}{\langle12\rangle\langle23\rangle\langle56\rangle\langle2|1+4|3]^3}+$$

$$\frac{\langle24\rangle\langle26\rangle^2\langle34\rangle[34](30\langle13\rangle[13]-5365141/18720\langle14\rangle[14]+48859877/93600\langle23\rangle[23]-30[24]\langle24\rangle)}{\langle12\rangle\langle23\rangle\langle56\rangle\langle2|1+4|3]^3}+$$

$$\frac{\langle24\rangle\langle26\rangle[35](-7873/300\langle13\rangle[13]+7873/300[24]\langle24\rangle-46051877/93600\langle34\rangle[34]+1836181/7800\langle12\rangle[12])}{\langle12\rangle\langle2|1+4|3]^3}+$$

$$\frac{-1836181/7800[12][23]\langle24\rangle\langle26\rangle^2}{\langle56\rangle\langle2|1+4|3]^3}+$$

$$\frac{-5\langle4|1+2|3]\langle36\rangle[34]\langle26\rangle(s_{123}-s_{124})\langle34\rangle}{\langle12\rangle\langle56\rangle\langle2|1+4|3]^2\langle3|5+6|3]^2}+$$

$$\frac{-15\langle36\rangle\langle4|5+6|4][34]\langle24\rangle\langle26\rangle\langle34\rangle}{\langle12\rangle\langle23\rangle\langle56\rangle\langle2|1+4|3]^2\langle3|5+6|3]}+$$

$$\frac{25/4(s_{13}-s_{14}-s_{24})\langle4|2+3|1]\langle26\rangle\langle3|1+4|2](s_{134}-s_{124})[35]}{\langle2|1+4|3]^2\Delta^2_{14|23|56}}+$$

$$\frac{\langle24\rangle[12]\langle23\rangle[23][45]^2(15/4\langle14\rangle[24]\langle24\rangle[14]\ldots\langle\langle11\,\text{terms}\rangle\rangle\ldots-5\langle34\rangle[13][34]\langle13\rangle)}{[14][56]\langle1|2+3|4]\langle2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{15/4[45][24]\langle12\rangle\langle36\rangle[13]^2[34]\langle14\rangle\langle34\rangle^2\ldots\langle\langle95\,\text{terms}\rangle\rangle\ldots-5/2[24]^2\langle46\rangle[13]^2\langle23\rangle\langle24\rangle\langle13\rangle^2[35]}{\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{\langle24\rangle[35]\langle46\rangle\langle3|1+4|2](2473/1440\langle13\rangle[13]\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots+19127/7200\langle12\rangle[12])}{\langle14\rangle\langle2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{5\langle46\rangle[34]\langle3|1+4|3]\langle34\rangle^2[35]}{\langle14\rangle\langle2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{\langle34\rangle\langle46\rangle(s_{23}-s_{56})(-5/8\langle34\rangle[34]^2\langle46\rangle-5/8\langle13\rangle\langle16\rangle[13]^2)}{\langle14\rangle\langle56\rangle\langle2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{[45]\langle24\rangle[12](136753063/149760[45][24][13]\langle24\rangle\langle34\rangle\ldots\langle\langle30\,\text{terms}\rangle\rangle\ldots+15/4\langle12\rangle^2[12]^2[15])}{[14][56]\langle2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{5[45]\langle3|1+4|5][23][12]\langle23\rangle\langle24\rangle[13]}{[14][56]\langle2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{-2945233/280800\langle46\rangle[34]\langle23\rangle[12]^2\langle24\rangle\langle13\rangle[35]\ldots\langle\langle111\,\text{terms}\rangle\rangle\ldots-10\langle46\rangle[23][34]\langle23\rangle^2[12]\langle34\rangle[35]}{\langle56\rangle[56]\langle2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{\langle13\rangle\langle24\rangle\langle26\rangle(-5\langle34\rangle^2[45]\langle14\rangle[34]^2\ldots\langle\langle31\,\text{terms}\rangle\rangle\ldots+7873/600[24][23]\langle23\rangle\langle24\rangle\langle13\rangle[35])}{\langle12\rangle\langle14\rangle\langle23\rangle\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]^2}+$$

$$\frac{\langle26\rangle(7873/600[45][24]^2[23][13]\langle23\rangle^2\langle24\rangle\ldots\langle\langle4\,\text{terms}\rangle\rangle\ldots+7873/1800[45][24]^3[13]\langle23\rangle\langle24\rangle^2)}{[14]\langle23\rangle[34]\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]^2}+$$

$$\frac{[12]\langle26\rangle(57397/3600\langle13\rangle^2[45][13]^2[23]\ldots\langle\langle11\,\text{terms}\rangle\rangle\ldots+25873/3600[45]\langle12\rangle[23][13][12]\langle13\rangle)}{[14][23]\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]^2}+$$

$$\frac{\langle24\rangle\langle36\rangle[45](124873/5400\langle14\rangle[24]\langle24\rangle[14]\ldots\langle\langle11\,\text{terms}\rangle\rangle\ldots+5623/900\langle34\rangle[24][34]\langle24\rangle)}{\langle23\rangle\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]^2}+$$

$$\frac{5[24]\langle12\rangle\langle36\rangle[13]\langle34\rangle[35]\ldots\langle\langle4\,\text{terms}\rangle\rangle\ldots+5[45]\langle46\rangle[13][34]\langle13\rangle\langle34\rangle}{\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]^2}+$$

$$\frac{\langle46\rangle(122117/4320[24]\langle12\rangle^2[23][13]\langle23\rangle\langle24\rangle\langle26\rangle\ldots\langle\langle11\,\text{terms}\rangle\rangle\ldots-5\langle12\rangle[23]\langle36\rangle[34]^2\langle23\rangle\langle24\rangle^2)}{\langle12\rangle\langle23\rangle\langle24\rangle[34]\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]^2}+$$

$$\frac{1836181/23400[12]\langle14\rangle\langle24\rangle\langle26\rangle^2[34]\langle13\rangle}{\langle12\rangle\langle23\rangle\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]^2}+$$

$$\frac{[13]\langle26\rangle\langle36\rangle(-57317/10800\langle12\rangle[13]\langle14\rangle[24]\ldots\langle\langle9\,\text{terms}\rangle\rangle\ldots-145127/2700\langle14\rangle[24][34]\langle24\rangle)}{\langle23\rangle[34]\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]^2}+$$

$$\frac{[13](-16873/600\langle12\rangle^2[25]\langle36\rangle[13]\langle24\rangle\langle34\rangle\ldots\langle\langle4\,\text{terms}\rangle\rangle\ldots+16873/600[25][13]\langle24\rangle^2\langle26\rangle\langle13\rangle^2)}{\langle14\rangle\langle23\rangle\langle24\rangle[34]\langle56\rangle[56]\langle2|1+4|3]^2}+$$

$$\frac{\langle13\rangle\langle24\rangle[35]\langle46\rangle(36119/600\langle13\rangle[13]\ldots\langle\langle4\,\text{terms}\rangle\rangle\ldots+21373/900\langle12\rangle[12])}{\langle12\rangle\langle14\rangle\langle56\rangle[56]\langle2|1+4|3]^2}+$$

$$\frac{[12]\langle26\rangle(-15[45][13]\langle14\rangle[12]\ldots\langle\langle9\,\text{terms}\rangle\rangle\ldots-13727/720[12][13]\langle13\rangle[35])}{[14][23]\langle56\rangle[56]\langle2|1+4|3]^2}+$$

$$\frac{[13]\langle23\rangle[35]\langle46\rangle(-1439681/7800\langle13\rangle[13]\ldots\langle\langle4\,\text{terms}\rangle\rangle\ldots+48373/900\langle12\rangle[12])}{\langle24\rangle[34]\langle56\rangle[56]\langle2|1+4|3]^2}+$$

$$\frac{\langle24\rangle(12841067/93600[25][13]\langle36\rangle\langle23\rangle\ldots\langle\langle10\,\text{terms}\rangle\rangle\ldots-18447061/93600\langle34\rangle[45][13]\langle36\rangle)}{\langle23\rangle\langle56\rangle[56]\langle2|1+4|3]^2}+$$

$$\frac{-853697/10800[25][13]\langle46\rangle\langle23\rangle\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots+1582681/7800\langle46\rangle\langle14\rangle[15][14]}{\langle56\rangle[56]\langle2|1+4|3]^2}+$$

$$\frac{-45/2\langle6|1+4|3]\langle34\rangle\langle36\rangle(s_{123}-s_{124})}{\langle12\rangle\langle56\rangle\langle2|1+4|3]\langle3|5+6|3]^2}+$$

$$\frac{\langle36\rangle\langle34\rangle(s_{123}-s_{124})(10[23]\langle26\rangle+15[34]\langle46\rangle)}{\langle12\rangle\langle56\rangle\langle2|1+4|3]\langle3|5+6|3]^2}+$$

$$\frac{5/2\langle46\rangle\langle4|2+3|4]\langle36\rangle[34]\langle34\rangle}{\langle12\rangle\langle56\rangle\langle2|1+4|3]\langle3|5+6|3]^2}+$$

$$\frac{15\langle4|1+2|3]\langle34\rangle\langle36\rangle^2[34]}{\langle12\rangle\langle56\rangle\langle2|1+4|3]\langle3|5+6|3]^2}+$$

$$\frac{-5/2[45]\langle34\rangle^2\langle4|2+3|4][35]}{\langle12\rangle[56]\langle2|1+4|3]\langle3|5+6|3]^2}+$$

$$\frac{\langle46\rangle(1719181/23400\langle12\rangle^3\langle36\rangle[13][12]\langle34\rangle\ldots\langle\langle14\,\text{terms}\rangle\rangle\ldots-2187181/46800\langle46\rangle\langle12\rangle^2[23][12]\langle23\rangle^2)}{\langle12\rangle\langle23\rangle\langle24\rangle\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{\langle26\rangle(-2245681/23400\langle12\rangle^2[23]\langle36\rangle[13]\langle34\rangle^2\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots-1953181/11700\langle36\rangle[34]\langle14\rangle\langle24\rangle^2[12]\langle13\rangle)}{\langle12\rangle\langle23\rangle\langle24\rangle\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{\langle34\rangle^2[35](-5/2\langle12\rangle^2[14][25]-5/2\langle13\rangle\langle23\rangle[34][35])}{\langle12\rangle\langle23\rangle[56]\langle1|2+4|3]\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{-5\langle12\rangle\langle34\rangle^2[15]^2}{\langle23\rangle\langle24\rangle[56]\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{\langle26\rangle\langle36\rangle(1192681/23400\langle34\rangle[24]\langle24\rangle\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots+399349/7200\langle34\rangle\langle12\rangle[12])}{\langle12\rangle\langle23\rangle\langle56\rangle\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{35/2\langle46\rangle\langle34\rangle\langle36\rangle[14]}{\langle23\rangle\langle56\rangle\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{-175/128\langle4|2+3|1]\langle3|1+4|2]\langle6|1+4|5](s_{124}-s_{134})(s_{25}+s_{26}+s_{35}+s_{36})^2}{\langle2|1+4|3]\Delta^3_{14|23|56}}+$$

$$\frac{-175/64(s_{25}+s_{26}+s_{35}+s_{36})\langle4|2+3|1](s_{124}-s_{134})\langle3|1+4|2](s_{14}+s_{23}+s_{24}+s_{34})\langle6|1+4|5]}{\langle2|1+4|3]\Delta^3_{14|23|56}}+$$

$$\frac{\langle3|1+4|2](714983/83200[24]^2\langle12\rangle\langle36\rangle[13]\langle24\rangle\langle34\rangle[35]\ldots\langle\langle146\,\text{terms}\rangle\rangle\ldots-5/2[24]\langle12\rangle[25][23]\langle36\rangle[13]\langle23\rangle\langle24\rangle)}{\langle1|2+3|4]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{(s_{13}-s_{24})(s_{134}-s_{124})(-5/16[25]\langle14\rangle^2\langle36\rangle[14]^2\ldots\langle\langle19\,\text{terms}\rangle\rangle\ldots+25/4\langle12\rangle[25]\langle36\rangle[12][13]\langle13\rangle)}{\langle1|2+3|4]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{\langle24\rangle\langle6|1+4|5]\langle3|1+4|2](s_{25}+s_{26}+s_{35}+s_{36})(15/16\langle13\rangle[12]\langle24\rangle+15/16\langle13\rangle[13]\langle34\rangle-15/16\langle34\rangle\langle14\rangle[14])}{\langle14\rangle\langle23\rangle\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{25/16\langle46\rangle^2\langle12\rangle[23][14](s_{25}+s_{26}+s_{35}+s_{36})\langle3|1+4|2]\langle34\rangle}{\langle14\rangle\langle56\rangle\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{\langle46\rangle^2\langle3|1+4|2](s_{15}+s_{16}+s_{45}+s_{46})(5/8\langle13\rangle[13][24]\langle24\rangle\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots+15/16\langle34\rangle\langle23\rangle[23][34])}{\langle14\rangle\langle56\rangle\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{15/16\langle4|5+6|4](s_{25}+s_{26}+s_{35}+s_{36})[12][13]\langle3|1+4|2]\langle6|1+4|5]}{[14][23]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{25/16[45]\langle3|1+4|5](s_{25}+s_{26}+s_{35}+s_{36})\langle4|2+3|1][13]\langle3|1+4|2]}{[14][56]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-85/16[45]\langle6|2+3|1]\langle4|2+3|1]\langle3|1+4|2](s_{15}+s_{16}+s_{45}+s_{46})}{[14]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-15/16[12]\langle23\rangle[13](s_{15}+s_{16}+s_{45}+s_{46})\langle3|1+4|2]\langle6|1+4|5]}{[14]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{5/4[45]\langle6|2+3|1][12]\langle24\rangle\langle3|1+4|2](s_{15}+s_{16}+s_{45}+s_{46})}{[14]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{5/8[45]\langle3|1+4|5][12][13]\langle24\rangle\langle3|1+4|2](s_{15}+s_{16}+s_{45}+s_{46})}{[14][56]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-25/8\langle46\rangle(s_{25}+s_{26}+s_{35}+s_{36})\langle4|2+3|1]\langle3|1+4|2]\langle6|1+5|4]}{\langle56\rangle\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{\langle46\rangle\langle3|1+4|2](s_{25}+s_{26}+s_{35}+s_{36})(15/16\langle36\rangle[13][24]\langle24\rangle\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots-15/16[12]\langle36\rangle\langle24\rangle[34])}{\langle56\rangle\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-15/16(s_{23}-s_{14})\langle12\rangle[25][15]\langle4|2+3|1]\langle3|1+4|2]}{\langle56\rangle\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-5/8[45](s_{23}-s_{14})[25][13]\langle24\rangle\langle3|1+4|2]\langle34\rangle}{[56]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{5/16(s_{23}-s_{14})[25][15](s_{24}-s_{13})(s_{124}-s_{134})\langle34\rangle}{[56]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{\langle3|1+4|2](35/8\langle46\rangle[23][12]\langle23\rangle^2[35]\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots+5/16\langle46\rangle[12][34]\langle23\rangle\langle34\rangle[35])}{\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{(s_{134}-s_{124})(-15/16\langle46\rangle\langle12\rangle[25][12]^2\langle23\rangle\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots+5/16\langle46\rangle[25][14]^2\langle14\rangle\langle34\rangle)}{\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{\langle3|1+4|2](5/16[24]\langle46\rangle\langle12\rangle^2[25][14][13]\langle34\rangle\ldots\langle\langle28\,\text{terms}\rangle\rangle\ldots-5/16\langle46\rangle\langle12\rangle[14][12][13]\langle13\rangle^2[35])}{\langle1|2+3|4]\langle2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-5/4[45][24]\langle16\rangle(s_{13}-s_{24})\langle4|2+3|1]\langle13\rangle}{\langle1|2+3|4]^2\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle46\rangle\langle13\rangle[14]\langle34\rangle(s_{23}-s_{56})(-5/8\langle12\rangle[24]\langle46\rangle-5/8\langle13\rangle\langle16\rangle[13])}{\langle14\rangle\langle23\rangle\langle56\rangle\langle1|2+3|4]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[45](s_{23}-s_{56})(-45/16[24]^2[25]\langle14\rangle\langle34\rangle\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots-5/8[45][12]^2\langle14\rangle[34]\langle34\rangle)}{[14][23][56]\langle1|2+3|4]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[45](1503283/17280[24]^2[25][13]\langle23\rangle\langle24\rangle\langle34\rangle\ldots\langle\langle69\,\text{terms}\rangle\rangle\ldots-1114819/62400[24][34]\langle23\rangle[12]\langle34\rangle^2[35])}{[14][56]\langle1|2+3|4]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle23\rangle[25][45](5/16\langle34\rangle[13][24]^2\langle24\rangle+5/16\langle12\rangle^2[12]^3)}{[14][56]\langle1|2+3|4]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle34\rangle\langle14\rangle[14](5/16[45]\langle12\rangle\langle36\rangle[12][34]\langle34\rangle-5/16[45]\langle34\rangle^2\langle36\rangle[34]^2+5/8\langle13\rangle^2\langle46\rangle[14]^2[35])}{\langle23\rangle\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[14](s_{14}-s_{56})(5/4\langle46\rangle[14]\langle13\rangle^2\langle34\rangle[35]\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots+5/16[45]\langle36\rangle\langle14\rangle[34]\langle34\rangle^2)}{\langle23\rangle\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[12]\langle14\rangle(-5/8[45][24]^3\langle24\rangle^2\langle46\rangle\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots+5/8[45][24]\langle36\rangle[14][13]\langle14\rangle^2)}{[23]\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle14\rangle(s_{14}-s_{56})(-5/8[24]^2[25]\langle36\rangle[13]\langle24\rangle\ldots\langle\langle7\,\text{terms}\rangle\rangle\ldots-5/8[24]^2\langle46\rangle[14]\langle34\rangle[35])}{[23]\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{78806983/374400[25]\langle14\rangle^3\langle36\rangle[14]^3\ldots\langle\langle83\,\text{terms}\rangle\rangle\ldots-45523/720[23]\langle36\rangle[13][12]\langle23\rangle\langle13\rangle^2[35]}{\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-5/8\langle46\rangle^2(s_{23}-s_{56})\langle24\rangle\langle3|1+4|2]\langle13\rangle}{\langle14\rangle^2\langle23\rangle\langle56\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-5/4\langle46\rangle^2[23]\langle24\rangle\langle3|1+4|2]\langle13\rangle}{\langle14\rangle^2\langle56\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-5/4\langle46\rangle^2[23](s_{23}-s_{56})\langle13\rangle\langle34\rangle}{\langle14\rangle^2\langle56\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-5623/1800[25]\langle34\rangle\langle3|1+4|3]\langle46\rangle}{\langle14\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-25889/7200\langle34\rangle\langle3|1+4|2]\langle46\rangle[35]}{\langle14\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle34\rangle\langle46\rangle\langle3|1+4|3](-15[45]\langle34\rangle+5/8\langle13\rangle[15])}{\langle14\rangle\langle23\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle46\rangle\langle3|1+4|3]\langle34\rangle(5/4\langle36\rangle[24]\langle24\rangle-85/8\langle23\rangle[24]\langle46\rangle+5/4\langle34\rangle\langle36\rangle[34])}{\langle14\rangle\langle23\rangle\langle56\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle46\rangle\langle34\rangle(10\langle12\rangle[12][25]+5/2\langle13\rangle[25][13]+5/2\langle13\rangle[12][35])}{\langle14\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-125/8\langle46\rangle[14]\langle14\rangle\langle13\rangle\langle34\rangle^2[35]}{\langle14\rangle\langle23\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle36\rangle\langle46\rangle\langle34\rangle(s_{23}-s_{56})(-15/8\langle12\rangle[12]+15/8[24]\langle24\rangle-95/8\langle34\rangle[34])}{\langle14\rangle\langle23\rangle\langle56\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle46\rangle\langle34\rangle(s_{23}-s_{56})(-5/4[24]\langle46\rangle-95/8\langle16\rangle[12])}{\langle14\rangle\langle56\rangle\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{5/8[45][15](s_{23}-s_{56})[12][13]\langle3|1+4|2]}{[14]^2[23][56]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{5/4[45][15][12]\langle23\rangle[13]\langle3|1+4|2]}{[14]^2[56]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{5/4[45][15](s_{23}-s_{56})[12]^2\langle23\rangle}{[14]^2[56]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-10850501/187200[12]^2\langle6|1+4|5]\langle23\rangle}{[14]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{379903/62400[12]^2\langle26\rangle\langle3|1+4|5]}{[14]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[12][45](-10\langle34\rangle[13]\langle36\rangle-165/16[12]\langle36\rangle\langle24\rangle+5/2[12]\langle46\rangle\langle23\rangle)}{[14]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[45](-5/16\langle13\rangle[12]^3\langle24\rangle[35]\ldots\langle\langle7\,\text{terms}\rangle\rangle\ldots+5/4[15][12]^2\langle14\rangle[13]\langle13\rangle)}{[14][23][56]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[14]\langle34\rangle(-73086931/74880\langle46\rangle[25][13]\langle23\rangle\langle13\rangle\ldots\langle\langle29\,\text{terms}\rangle\rangle\ldots-5471177/15600[25]\langle23\rangle^2[23]\langle46\rangle)}{\langle23\rangle\langle56\rangle[56]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle36\rangle(181672417/748800[45][23][13]\langle23\rangle\langle34\rangle^2\ldots\langle\langle9\,\text{terms}\rangle\rangle\ldots+59651/7200[25][23][13]\langle23\rangle^2\langle34\rangle)}{\langle23\rangle\langle56\rangle[56]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[12](105/16[24]\langle46\rangle\langle12\rangle[25][13]\langle34\rangle\ldots\langle\langle50\,\text{terms}\rangle\rangle\ldots+150193321/280800[24]\langle46\rangle[23]\langle23\rangle\langle34\rangle[35])}{[23]\langle56\rangle[56]\langle2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{7873/600\langle46\rangle[23]\langle23\rangle\langle13\rangle\langle34\rangle[35]}{\langle14\rangle\langle24\rangle\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]}+$$

$$\frac{\langle13\rangle\langle24\rangle(-6073/540\langle13\rangle^2[13]\langle36\rangle[35]\ldots\langle\langle20\,\text{terms}\rangle\rangle\ldots+6073/360[24]\langle46\rangle\langle23\rangle\langle13\rangle[35])}{\langle12\rangle\langle14\rangle\langle23\rangle\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]}+$$

$$\frac{[45]^2[12]^2(-5/2\langle13\rangle[13]+5/6[24]\langle24\rangle-5/3\langle12\rangle[12])}{[14]^2[23][56]\langle1|2+3|4]\langle2|1+4|3]}+$$

$$\frac{19127/1800\langle16\rangle[15][14]^2[13]\langle13\rangle^2\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots-16873/1800[24]^2[12]\langle23\rangle^2\langle26\rangle[35]}{[14]\langle23\rangle[34]\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]}+$$

$$\frac{5459/200[45][24]\langle46\rangle[34][12]\langle34\rangle\ldots\langle\langle10\,\text{terms}\rangle\rangle\ldots+3373/900[24][23]\langle36\rangle[12]\langle23\rangle[35]}{[14][23]\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]}+$$

$$\frac{-7873/600[24]\langle46\rangle[23]\langle23\rangle^2[35]}{\langle24\rangle[34]\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]}+$$

$$\frac{\langle13\rangle[14](-30349/2700[25]\langle36\rangle\langle24\rangle+5/2\langle14\rangle[15]\langle36\rangle-5\langle13\rangle[15]\langle46\rangle)}{\langle23\rangle\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]}+$$

$$\frac{-1631/600[25][24]^2\langle24\rangle\langle46\rangle\ldots\langle\langle6\,\text{terms}\rangle\rangle\ldots+5/3\langle16\rangle\langle12\rangle[12]^2[25]}{[23]\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]}+$$

$$\frac{-88178459/93600[25]\langle14\rangle\langle36\rangle[14]\ldots\langle\langle10\,\text{terms}\rangle\rangle\ldots-862393/5850\langle34\rangle\langle36\rangle[24][35]}{\langle56\rangle[56]\langle1|2+3|4]\langle2|1+4|3]}+$$

$$\frac{\langle46\rangle(2889181/46800\langle13\rangle\langle12\rangle^2[13]^2\langle36\rangle\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots+65/2[13][34]\langle24\rangle\langle26\rangle\langle13\rangle^2)}{\langle12\rangle\langle23\rangle\langle24\rangle[34]\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]}+$$

$$\frac{[35](-65487847/140400\langle34\rangle[45][13]\langle14\rangle\ldots\langle\langle12\,\text{terms}\rangle\rangle\ldots-2901173/140400[45][12]\langle14\rangle\langle24\rangle)}{\langle24\rangle[34][56]\langle1|2+4|3]\langle2|1+4|3]}+$$

$$\frac{\langle13\rangle\langle26\rangle^2(7873/1800[13]\langle14\rangle[24]\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots-940067/11700\langle12\rangle[12][23])}{\langle12\rangle\langle23\rangle[34]\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]}+$$

$$\frac{\langle14\rangle\langle36\rangle(-7011821/140400\langle23\rangle[23]\langle26\rangle\ldots\langle\langle4\,\text{terms}\rangle\rangle\ldots-24472661/70200\langle46\rangle\langle12\rangle[14])}{\langle12\rangle\langle23\rangle\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]}+$$

$$\frac{[45](19010567/280800\langle34\rangle[45][13]\langle14\rangle\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots-5740717/70200\langle13\rangle[13][15]\langle14\rangle)}{\langle23\rangle[34][56]\langle1|2+4|3]\langle2|1+4|3]}+$$

$$\frac{\langle26\rangle[24](-7873/1800\langle23\rangle[23]\langle26\rangle\ldots\langle\langle7\,\text{terms}\rangle\rangle\ldots-3511409/23400\langle46\rangle\langle12\rangle[14])}{\langle12\rangle[34]\langle56\rangle\langle2|1+4|3]\langle2|1+3|4]}+$$

$$\frac{\langle24\rangle[45](5\langle23\rangle[24][35]-5[45][24]\langle24\rangle-10[45]\langle23\rangle[23])}{\langle12\rangle[34][56]\langle2|1+4|3]\langle2|1+3|4]}+$$

$$\frac{\langle13\rangle\langle46\rangle(8873/600[13]\langle14\rangle\langle36\rangle-5/3\langle34\rangle[34]\langle46\rangle+5/6\langle13\rangle[13]\langle46\rangle)}{\langle14\rangle^2\langle23\rangle[34]\langle56\rangle\langle2|1+4|3]}+$$

$$\frac{-10111/4320[14]^2\langle13\rangle[15]\langle46\rangle\ldots\langle\langle9\,\text{terms}\rangle\rangle\ldots+119680973/280800\langle34\rangle\langle36\rangle[14]^2[35]}{[14]\langle23\rangle[34]\langle56\rangle[56]\langle2|1+4|3]}+$$

$$\frac{[12](203693/1755[25][12]\langle26\rangle+3373/1800[25][13]\langle36\rangle+1127/1800[12]\langle36\rangle[35])}{[14][23]\langle56\rangle[56]\langle2|1+4|3]}+$$

$$\frac{\langle46\rangle(-23666489/280800\langle34\rangle[14][35]+3396181/46800\langle34\rangle[45][13]+1673681/7800[25][13]\langle23\rangle)}{\langle24\rangle[34]\langle56\rangle[56]\langle2|1+4|3]}+$$

$$\frac{506879/31200[25][12]\langle46\rangle}{[23]\langle56\rangle[56]\langle2|1+4|3]}+$$

$$\frac{-15\langle34\rangle^2\langle36\rangle^2[34](s_{123}-s_{124})}{\langle12\rangle\langle23\rangle\langle56\rangle\langle3|5+6|3]^3}+$$

$$\frac{[23]\langle36\rangle\langle34\rangle(-25/2\langle13\rangle[34]\langle46\rangle\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots+25/2\langle16\rangle\langle14\rangle[14])}{\langle12\rangle\langle56\rangle\langle1|2+4|3]\langle3|5+6|3]^2}+$$

$$\frac{-5/2[45][24]\langle14\rangle\langle34\rangle^2[35]}{\langle12\rangle[56]\langle1|2+4|3]\langle3|5+6|3]^2}+$$

$$\frac{-5/2\langle34\rangle[24]\langle36\rangle\langle46\rangle}{\langle12\rangle\langle56\rangle\langle3|5+6|3]^2}+$$

$$\frac{\langle16\rangle(10\langle36\rangle[12]\langle14\rangle^2[34]\ldots\langle\langle7\,\text{terms}\rangle\rangle\ldots-1836181/23400[23][12]\langle14\rangle\langle26\rangle\langle13\rangle)}{\langle12\rangle\langle56\rangle\langle1|2+4|3]^2\langle3|5+6|3]}+$$

$$\frac{\langle14\rangle\langle46\rangle^2(1953181/46800\langle13\rangle^2[13]^2-1953181/46800\langle34\rangle\langle12\rangle[12][34]+1953181/46800\langle23\rangle^2[23]^2+1953181/23400\langle13\rangle\langle23\rangle[23][13])}{\langle12\rangle\langle24\rangle\langle56\rangle\langle1|2+4|3]\langle3|5+6|3]\langle4|1+2|3]}+$$

$$\frac{\langle26\rangle\langle36\rangle(-1660681/23400\langle34\rangle\langle14\rangle[24]\langle24\rangle\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots-34925087/140400\langle34\rangle^2\langle14\rangle[34])}{\langle12\rangle\langle23\rangle\langle24\rangle\langle56\rangle\langle1|2+4|3]\langle3|5+6|3]}+$$

$$\frac{\langle46\rangle(1602181/46800\langle13\rangle\langle23\rangle^2[23]\langle46\rangle\ldots\langle\langle14\,\text{terms}\rangle\rangle\ldots+5/2[24]\langle12\rangle\langle36\rangle\langle24\rangle\langle34\rangle)}{\langle12\rangle\langle23\rangle\langle24\rangle\langle56\rangle\langle1|2+4|3]\langle3|5+6|3]}+$$

$$\frac{\langle34\rangle^2[35](15/2\langle12\rangle\langle34\rangle[45]+10\langle13\rangle[45]\langle24\rangle+5\langle13\rangle\langle23\rangle[35])}{\langle12\rangle\langle23\rangle\langle24\rangle[56]\langle1|2+4|3]\langle3|5+6|3]}+$$

$$\frac{15/2\langle34\rangle^2[45]\langle14\rangle[15]}{\langle23\rangle\langle24\rangle[56]\langle1|2+4|3]\langle3|5+6|3]}+$$

$$\frac{25/2\langle34\rangle\langle46\rangle^2\langle14\rangle[14]}{\langle12\rangle\langle24\rangle\langle56\rangle\langle3|5+6|3]\langle4|1+2|3]}+$$

$$\frac{\langle3|1+4|2](-3022449/41600[25]\langle14\rangle^2\langle36\rangle[14]^2\ldots\langle\langle57\,\text{terms}\rangle\rangle\ldots+5/2[25][23]\langle36\rangle[13]\langle23\rangle\langle13\rangle)}{\langle1|2+3|4]\Delta^2_{14|23|56}}+$$

$$\frac{\langle13\rangle[12](s_{134}-s_{124})(5/16\langle13\rangle[25][14]\langle46\rangle-5/16[45][12]\langle14\rangle\langle36\rangle-15/16\langle12\rangle[12]\langle36\rangle[25])}{\langle1|2+3|4]\Delta^2_{14|23|56}}+$$

$$\frac{-5/8[45][15][12]\langle3|1+4|2]\langle34\rangle(s_{15}+s_{16}+s_{45}+s_{46})}{[14][56]\Delta^2_{14|23|56}}+$$

$$\frac{5/8(s_{23}-s_{14})[25][15]\langle3|1+4|2]\langle34\rangle}{[56]\Delta^2_{14|23|56}}+$$

$$\frac{\langle23\rangle[12][25][45](5/16\langle34\rangle[24]-5/16\langle13\rangle[12])}{[14][56]\langle1|2+3|4]\Delta_{14|23|56}}+$$

$$\frac{\langle34\rangle\langle36\rangle(-5/8[24]\langle12\rangle[25][14]\langle34\rangle\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots+5/8\langle13\rangle^2[45][12][13])}{\langle23\rangle\langle56\rangle[56]\langle1|2+3|4]\Delta_{14|23|56}}+$$

$$\frac{-5/8[45](s_{14}-s_{56})\langle36\rangle[12]\langle13\rangle\langle34\rangle}{\langle23\rangle\langle56\rangle[56]\langle1|2+3|4]\Delta_{14|23|56}}+$$

$$\frac{[12](5/16[45][24]\langle36\rangle[12]\langle14\rangle^2\ldots\langle\langle8\,\text{terms}\rangle\rangle\ldots+5/16[45][24]^2\langle46\rangle\langle14\rangle\langle34\rangle)}{[23]\langle56\rangle[56]\langle1|2+3|4]\Delta_{14|23|56}}+$$

$$\frac{[24][12][25](s_{14}-s_{56})(-15/16\langle14\rangle\langle36\rangle+5/16\langle13\rangle\langle46\rangle)}{[23]\langle56\rangle[56]\langle1|2+3|4]\Delta_{14|23|56}}+$$

$$\frac{\langle13\rangle^2[35][45](-7873/1800\langle14\rangle[14]+7873/600[24]\langle24\rangle-19127/1800\langle34\rangle[34])}{\langle12\rangle\langle14\rangle[34][56]\langle1|2+3|4]\langle2|1+3|4]}+$$

$$\frac{\langle26\rangle\langle13\rangle(7873/900[24]^2\langle24\rangle\langle26\rangle\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots-15618931/46800[14][34]\langle13\rangle\langle46\rangle)}{\langle12\rangle\langle24\rangle[34]\langle56\rangle\langle1|2+3|4]\langle2|1+3|4]}+$$

$$\frac{14173/1080\langle13\rangle^2[24]\langle46\rangle^2}{\langle14\rangle^2\langle23\rangle[34]\langle56\rangle\langle1|2+3|4]}+$$

$$\frac{-5/3\langle13\rangle\langle34\rangle\langle46\rangle^2}{\langle14\rangle\langle24\rangle^2\langle56\rangle\langle1|2+3|4]}+$$

$$\frac{[24]\langle36\rangle(-226079/21600[45]\langle34\rangle[14]-2541/100[45][12]\langle23\rangle+16517401/280800[25]\langle23\rangle[14]-14473/1440\langle13\rangle[15][14])}{[14]\langle23\rangle[34]\langle56\rangle[56]\langle1|2+3|4]}+$$

$$\frac{[24]^2(-5291/200[25][12]\langle26\rangle+15862109/46800\langle46\rangle[25][14]-2541/100[45][12]\langle46\rangle)}{[14][23][34]\langle56\rangle[56]\langle1|2+3|4]}+$$

$$\frac{-36373/600[25][12][24]\langle36\rangle}{[14][23]\langle56\rangle[56]\langle1|2+3|4]}+$$

$$\frac{-5/3\langle34\rangle[24]\langle46\rangle^2}{[23]\langle24\rangle^2\langle56\rangle\langle1|2+3|4]}+$$

$$\frac{-89311/4320[45]\langle12\rangle\langle36\rangle[12]\langle34\rangle-7873/1800[45]\langle46\rangle[12]\langle23\rangle\langle13\rangle+352079/21600\langle12\rangle[25]\langle36\rangle[14]\langle34\rangle-352079/21600[24]\langle36\rangle\langle23\rangle\langle34\rangle[35]}{\langle23\rangle\langle24\rangle[34]\langle56\rangle[56]\langle1|2+3|4]}+$$

$$\frac{-16106327/46800\langle4|1+3|5][24]^2\langle46\rangle}{[23]\langle24\rangle[34]\langle56\rangle[56]\langle1|2+3|4]}+$$

$$\frac{[23]\langle16\rangle(7873/900\langle13\rangle[23]\langle26\rangle\ldots\langle\langle4\,\text{terms}\rangle\rangle\ldots-39043/1755\langle12\rangle[23]\langle36\rangle)}{\langle12\rangle[34]\langle56\rangle\langle1|2+4|3]^2}+$$

$$\frac{\langle14\rangle\langle46\rangle^2(-177379/585\langle13\rangle[13]\ldots\langle\langle4\,\text{terms}\rangle\rangle\ldots+19581863/46800\langle12\rangle[12])}{\langle12\rangle\langle24\rangle\langle56\rangle\langle1|2+4|3]\langle4|1+2|3]}+$$

$$\frac{177379/585\langle34\rangle^2\langle14\rangle[35]^2}{\langle12\rangle\langle24\rangle[56]\langle1|2+4|3]\langle4|1+2|3]}+$$

$$\frac{\langle46\rangle(47080993/140400\langle12\rangle\langle23\rangle[24]\langle46\rangle\ldots\langle\langle10\,\text{terms}\rangle\rangle\ldots+47695087/140400[14]\langle14\rangle\langle13\rangle\langle26\rangle)}{\langle12\rangle\langle23\rangle\langle24\rangle[34]\langle56\rangle\langle1|2+4|3]}+$$

$$\frac{[13]\langle14\rangle\langle36\rangle(-20130731/93600\langle13\rangle\langle26\rangle+20130731/93600\langle12\rangle\langle36\rangle)}{\langle12\rangle\langle23\rangle\langle24\rangle[34]\langle56\rangle\langle1|2+4|3]}+$$

$$\frac{[45]\langle14\rangle(16024259/140400[45]\langle34\rangle\langle24\rangle\ldots\langle\langle3\,\text{terms}\rangle\rangle\ldots-2768284/8775\langle12\rangle\langle34\rangle[15])}{\langle12\rangle\langle23\rangle\langle24\rangle[34][56]\langle1|2+4|3]}+$$

$$\frac{577243/10400\langle13\rangle\langle34\rangle[35]^2}{\langle12\rangle\langle24\rangle[34][56]\langle1|2+4|3]}+$$

$$\frac{-13273/1080\langle34\rangle[24]^2\langle46\rangle^2}{\langle14\rangle[34]\langle56\rangle\langle4|2+3|4]^2}+$$

$$\frac{\langle23\rangle[45]^2(61873/900\langle23\rangle[23]\langle24\rangle+61873/900\langle13\rangle[13]\langle24\rangle-1127/900\langle12\rangle[12]\langle24\rangle-15940421/46800\langle34\rangle\langle12\rangle[13])}{\langle12\rangle\langle24\rangle[34][56]\langle2|1+3|4]^2}+$$

$$\frac{60\langle3|1+2|4][45]\langle23\rangle[35]}{\langle12\rangle[34][56]\langle2|1+3|4]^2}+$$

$$\frac{-649321/5616\langle46\rangle^2\langle12\rangle\langle34\rangle[14]}{\langle14\rangle\langle24\rangle^2[34]\langle56\rangle\langle2|1+3|4]}+$$

$$\frac{\langle46\rangle\langle26\rangle(55111/1800\langle13\rangle[24]\langle24\rangle-6373/300\langle13\rangle\langle34\rangle[34]+12285991/140400\langle12\rangle\langle34\rangle[24])}{\langle12\rangle\langle14\rangle\langle24\rangle[34]\langle56\rangle\langle2|1+3|4]}+$$

$$\frac{[45](12285991/140400\langle34\rangle\langle12\rangle\langle14\rangle[15]\ldots\langle\langle5\,\text{terms}\rangle\rangle\ldots-1680181/5200\langle13\rangle\langle34\rangle\langle24\rangle[35])}{\langle12\rangle\langle14\rangle\langle24\rangle[34][56]\langle2|1+3|4]}+$$

$$\frac{649321/5616\langle34\rangle\langle36\rangle\langle46\rangle}{\langle14\rangle\langle24\rangle\langle56\rangle\langle2|1+3|4]}+$$

$$\frac{4127/1800\langle34\rangle\langle46\rangle^2}{\langle14\rangle\langle24\rangle^2[34]\langle56\rangle}$$