$$\frac{-1/3i[12][24]^2\langle 26\rangle^2\langle 2|1+6|4]^2 s_{345}}{\langle 12\rangle[34][45]\langle 2|1+6|2]^3\langle 2|1+6|3]\langle 2|1+6|5]} +$$

$$\frac{1/2i[12][13]\langle 16\rangle[24]\langle 26\rangle\langle 2|1+6|4]^3}{\langle 12\rangle[34][45]\langle 2|1+6|2]^2\langle 2|1+6|3]^2\langle 2|1+6|5]} +$$

$$\frac{[12][24]\langle 26\rangle\langle 2|1+6|4]^2(2/3i[14]\langle 16\rangle+7/6i[24]\langle 26\rangle)}{\langle 12\rangle[34][45]\langle 2|1+6|2]^2\langle 2|1+6|3]\langle 2|1+6|5]} +$$

$$\frac{-1i[12][13]^2\langle 16\rangle^2\langle 2|1+6|4]^4}{\langle 12\rangle[34][45]\langle 2|1+6|2]\langle 2|1+6|3]^3\langle 2|1+6|5]s_{345}} +$$

$$\frac{\langle 16\rangle[12][13]\langle 2|1+6|4]^3(-1/2i[14]\langle 16\rangle-2i[24]\langle 26\rangle)}{\langle 12\rangle[34][45]\langle 2|1+6|2]\langle 2|1+6|3]^2\langle 2|1+6|5]s_{345}} +$$

$$\frac{[12]\langle 2|1+6|4]^2(-1/3i[14]^2\langle 16\rangle^2-5/3i[14]\langle 16\rangle[24]\langle 26\rangle-11/6i[24]^2\langle 26\rangle^2)}{\langle 12\rangle[34][45]\langle 2|1+6|2]\langle 2|1+6|3]\langle 2|1+6|5]s_{345}} +$$

$$\frac{\langle 16\rangle[16]\langle 3|1+6|2]\langle 5|1+6|4]\langle 6|2+3|1]s_{245}(5/64i\langle 12\rangle[12]\ldots\langle 7\text{ terms}\rangle\ldots+5/32i\langle 35\rangle[35])}{\langle 1|2+3|6]\langle 2|1+6|3]\langle 4|1+6|5]\Delta_{624}^2} +$$

$$\frac{\langle 16\rangle[16]\langle 3|1+6|2]\langle 5|1+6|4]\langle 6|2+3|1]s_{345}(5/64i\langle 12\rangle[12]\ldots\langle 4\text{ terms}\rangle\ldots-5/128i\langle 25\rangle[25])}{\langle 1|2+3|6]\langle 2|1+6|3]\langle 4|1+6|5]\Delta_{624}^2} +$$

$$\frac{\langle 16\rangle[16]\langle 45\rangle[45]\langle 3|1+6|2]\langle 5|1+6|4]\langle 6|2+3|1](5/32i\langle 12\rangle[12]+5/32i\langle 13\rangle[13])}{\langle 1|2+3|6]\langle 2|1+6|3]\langle 4|1+6|5]\Delta_{624}^3} +$$

$$\frac{[16]\langle 26\rangle\langle 2|1+6|4]^2(5/2i[13][14]\langle 16\rangle^2-3/2i[12]\langle 16\rangle\langle 26\rangle[34]+9/2i[13]\langle 16\rangle[24]\langle 26\rangle+2i[23][24]\langle 26\rangle^2)}{\langle 12\rangle[45]\langle 2|1+6|3]^3\langle 2|1+6|5]s_{345}} +$$

$$\frac{[15]^2\langle 16\rangle\langle 3|1+6|5]\Pi_{462}(-3/8i[12]\langle 23\rangle[25]\langle 45\rangle\ldots\langle 3\text{ terms}\rangle\ldots-1/4i[15][23]\langle 34\rangle\langle 35\rangle)}{[56]\langle 2|1+6|5]\langle 4|1+6|5]^3\Delta_{624}} +$$

$$\frac{\langle 34\rangle[15]^2\langle 16\rangle\langle 3|1+6|5](-3/2i[14]\langle 34\rangle-1/2i[15]\langle 35\rangle)}{\langle 23\rangle[56]\langle 2|1+6|5]\langle 4|1+6|5]^3} +$$

$$\frac{[15]^2\langle 16\rangle\langle 3|1+6|5]\Pi_{462}(-3/16i\langle 12\rangle[12]^2\langle 23\rangle[23]\langle 35\rangle\ldots\langle 15\text{ terms}\rangle\ldots+3/16i[13][23]\langle 34\rangle\langle 35\rangle^2[45])}{[56]\langle 2|1+6|5]\langle 4|1+6|5]^2\Delta_{624}^2} +$$

$$\frac{[15]^2\langle 16\rangle(-17/8i[12]^2\langle 13\rangle\langle 23\rangle\langle 24\rangle[24]\ldots\langle 23\text{ terms}\rangle\ldots+3/8i[13][25]\langle 34\rangle\langle 35\rangle^2[45])}{[56]\langle 2|1+6|5]\langle 4|1+6|5]^2\Delta_{624}} +$$

$$\frac{[15]\Pi_{462}(7/2i\langle 12\rangle[12]^2\langle 13\rangle[15]\langle 36\rangle\ldots\langle 17\text{ terms}\rangle\ldots+1/2i[15]\langle 16\rangle[16][26]\langle 36\rangle^2)}{[56]\langle 2|1+6|5]\langle 4|1+6|5]^2\Delta_{624}} +$$

$$\frac{\Omega_{462}(101/192i\langle 13\rangle^2[14]^3[15]\langle 34\rangle\langle 46\rangle\ldots\langle 8\text{ terms}\rangle\ldots+101/192i[15]^2\langle 34\rangle\langle 35\rangle^2[45]^2\langle 56\rangle)}{\langle 23\rangle[56]\langle 2|1+6|5]\langle 4|1+6|5]\Delta_{624}^2} +$$

$$\frac{\Omega_{462}(-101/32i\langle 12\rangle^3[12]^5\langle 36\rangle\ldots\langle 239\text{ terms}\rangle\ldots+1/16i[13]^2[23][26]\langle 34\rangle\langle 36\rangle^3[46])}{[23]\langle 45\rangle[56]\langle 2|1+6|5]\langle 4|1+6|5]\Delta_{624}^2} +$$

$$\frac{[15]^2\langle 16\rangle(27/64i\langle 12\rangle^2[12]^3\langle 23\rangle[24]\langle 35\rangle\ldots\langle 78\text{ terms}\rangle\ldots+13/64i[13][23]\langle 34\rangle\langle 35\rangle^3[45]^2)}{[56]\langle 2|1+6|5]\langle 4|1+6|5]\Delta_{624}^2} +$$

$$\frac{1/8i\langle 13\rangle^2[14]^3[15]\langle 34\rangle\langle 46\rangle\ldots\langle 15\text{ terms}\rangle\ldots+1/8i[16]^2\langle 36\rangle^3[45]\langle 46\rangle[46]}{\langle 23\rangle[56]\langle 2|1+6|5]\langle 4|1+6|5]\Delta_{624}} +$$

$$\frac{-123/8i\langle 12\rangle^3[12]^5\langle 36\rangle\ldots\langle 334\text{ terms}\rangle\ldots-1/4i[13][16][26]^2[34]\langle 36\rangle^3\langle 46\rangle}{[23]\langle 45\rangle[56]\langle 2|1+6|5]\langle 4|1+6|5]\Delta_{624}} +$$

$$\frac{-5435/192i\langle 12\rangle^3[12]^5\langle 13\rangle[14]\langle 56\rangle\ldots\langle 339\text{ terms}\rangle\ldots+1/8i[13]^3\langle 15\rangle[25]^2\langle 35\rangle^3\langle 36\rangle[45]}{[23]\langle 45\rangle[56]\langle 2|1+6|5]\Delta_{624}^2} +$$

$$(123456\to\overline{654321})+$$

$$\frac{-1/4i\langle 13\rangle^2\langle 15\rangle[26][46]^2\langle 6|2+3|1]\Pi_{624}}{\langle 12\rangle[56]\langle 1|2+3|6]^3\Delta_{624}} +$$

$$\frac{-1i\langle 13\rangle^3[46]^3\langle 6|2+3|1]}{\langle 12\rangle\langle 23\rangle[45][56]\langle 1|2+3|6]^3} +$$

$$\frac{-3/16i\langle 13\rangle^2\langle 15\rangle[26][46]^2\langle 6|2+3|1]^2\Pi_{624}}{\langle 12\rangle[56]\langle 1|2+3|6]^2\Delta_{624}^2} +$$

$$\frac{\langle 13\rangle[46]\langle 6|2+3|1](-3/8i[12]\langle 13\rangle\langle 15\rangle[46]+3/8i\langle 13\rangle[14]\langle 15\rangle[26]+3/8i\langle 13\rangle[23]\langle 35\rangle[46]+3/8i\langle 15\rangle[26]\langle 35\rangle[45])}{\langle 12\rangle[56]\langle 1|2+3|6]^2\Delta_{624}} +$$

$$\frac{\Pi_{624}(-1/8i\langle 12\rangle\langle 13\rangle[16][24]^2\langle 35\rangle\ldots\langle 13\text{ terms}\rangle\ldots+1/8i\langle 15\rangle[26]\langle 35\rangle^2[45]^2)}{\langle 12\rangle[56]\langle 1|2+3|6]^2\Delta_{624}} +$$

$$\frac{\langle 13\rangle[46](3/2i\langle 13\rangle^2[14]^2+1i\langle 13\rangle[14]\langle 23\rangle[24]+2i\langle 13\rangle[14]\langle 35\rangle[45]+1/2i\langle 35\rangle^2[45]^2)}{\langle 12\rangle\langle 23\rangle[45][56]\langle 1|2+3|6]^2} +$$

$$\frac{\langle 16\rangle[16]\langle 3|1+6|2]\langle 5|1+6|4]\langle 6|2+3|1]\Pi_{624}\Pi_{246}\Pi_{462}(-5/256is_{245}-5/256is_{345}-5/128i\langle 45\rangle[45])}{\langle 1|2+3|6]\langle 2|1+6|3]\langle 4|1+6|5]\Delta_{624}^3} +$$

$$\frac{1/48i\langle 13\rangle[46]\langle 6|2+3|1]\langle 3|1+5|4]^2\Omega_{624}}{\langle 12\rangle\langle 23\rangle[45][56]\langle 1|2+3|6]\Delta_{624}^2} +$$

$$\frac{\langle 6|2+3|1]\Omega_{624}(-31/48i[12]^2\langle 13\rangle\langle 15\rangle^2[46]\ldots\langle 16\text{ terms}\rangle\ldots+1/24i\langle 15\rangle[24][26]\langle 35\rangle^2[35])}{\langle 12\rangle[23]\langle 45\rangle[56]\langle 1|2+3|6]\Delta_{624}^2} +$$

$$\frac{\langle 13\rangle[46]\langle 6|2+3|1]^2(-27/64i[12]\langle 13\rangle\langle 15\rangle[46]\ldots\langle 4\text{ terms}\rangle\ldots-13/64i\langle 15\rangle[26]\langle 35\rangle[45])}{\langle 12\rangle[56]\langle 1|2+3|6]\Delta_{624}^2} +$$

$$\frac{-5/8i\langle 12\rangle[12]\langle 13\rangle^2[14]^2\langle 23\rangle[24]\ldots\langle 60\text{ terms}\rangle\ldots+1/8i\langle 35\rangle^3\langle 45\rangle[45]^4}{\langle 12\rangle\langle 23\rangle[45][56]\langle 1|2+3|6]\Delta_{624}} +$$

$$\frac{-1/12i\langle 12\rangle^2[12]^2[23][24]\langle 35\rangle^2\ldots\langle 35\text{ terms}\rangle\ldots+1/12i\langle 13\rangle[13][23][25][34]\langle 35\rangle^3}{\langle 12\rangle[23]\langle 45\rangle[56]\langle 1|2+3|6]\Delta_{624}} +$$

$$\frac{43/48i\langle 12\rangle^3[12]\langle 13\rangle[14]^4[25]\langle 34\rangle\langle 36\rangle\ldots\langle 137\text{ terms}\rangle\ldots-3/32i[14]\langle 26\rangle\langle 36\rangle^5[36]^2[46]^2[56]}{\langle 12\rangle\langle 23\rangle[45][56]\langle 2|1+6|5]\Delta_{624}^2} +$$

$$\frac{2821/192i[12]\langle 13\rangle^4[13]^3[14]\langle 56\rangle^2\ldots\langle 849\text{ terms}\rangle\ldots-2333/192i[16][26][35]\langle 36\rangle^2[46]\langle 56\rangle^4[56]}{\langle 12\rangle[23]\langle 45\rangle\langle 2|1+6|5]\Delta_{624}^2} +$$

$$\frac{-5/32i\langle 13\rangle^4[13]^2[14]^3[35]\langle 36\rangle\ldots\langle 129\text{ terms}\rangle\ldots+25/24i[15][34]\langle 36\rangle^5[36]^2[46]^2}{\langle 12\rangle[45][56]\langle 2|1+6|5]\Delta_{624}^2} +$$

$$\frac{101/192i[12]\langle 13\rangle^3[13]\langle 14\rangle[14]^3\langle 26\rangle\ldots\langle 120\text{ terms}\rangle\ldots-25/24i[16][34]\langle 36\rangle^5[36]^2[46]}{\langle 12\rangle[56]\langle 2|1+6|5]\Delta_{624}^2} +$$

$$\frac{98/3i\langle 12\rangle^3[12]^5\langle 13\rangle[14]\langle 56\rangle\ldots\langle 843\text{ terms}\rangle\ldots-1/12i[13][15][25]^2[34]\langle 35\rangle^4[35]\langle 56\rangle}{[23]\langle 45\rangle[56]\langle 2|1+6|5]\Delta_{624}^2} +$$

$$\frac{117815/192i\langle 12\rangle^2[12]^4\langle 13\rangle[14]\langle 56\rangle^2\ldots\langle 425\text{ terms}\rangle\ldots+198987/64i[15][16][24][26]\langle 36\rangle\langle 56\rangle^4[56]}{[23]\langle 45\rangle\langle 2|1+6|5]\Delta_{624}^2} +$$