$$\frac{1/2i[12]^3\langle34\rangle^3 s_{345}^2\Omega_{246}}{[16]\langle45\rangle\langle3|1+6|2]^4\langle3|1+2|6]\langle5|1+6|2]} +$$

$$\frac{-1/4i[12]^3\langle16\rangle\langle34\rangle^3[45]\langle2|1+6|3]s_{345}\Pi_{246}}{\langle3|1+6|2]^3\langle3|1+2|6]\langle5|1+6|2]\Delta_{624}} +$$

$$\frac{\langle16\rangle[12]^3\langle34\rangle^3[45]\langle2|1+6|3]^2\Pi_{246}(-1/8is_{345}-1/16is_{245})}{\langle3|1+6|2]^2\langle3|1+2|6]\langle5|1+6|2]\Delta_{624}^2} +$$

$$\frac{5/32i\langle16\rangle[16]\langle23\rangle[23]\langle45\rangle[45]\langle2|1+6|3]\langle4|1+6|5]\langle6|2+3|1]\Pi_{246}}{\langle1|2+3|6]\langle3|1+6|2]\langle5|1+6|4]\Delta_{624}^2} +$$

$$\frac{[12]^2\langle34\rangle^2\langle2|1+6|3]\left(-5/4i\langle16\rangle^2[16]^2\langle26\rangle[35]\langle36\rangle[36]\dots\langle\!\langle152\,\text{terms}\rangle\!\rangle\dots-5/8i\langle15\rangle[16]\langle23\rangle[23]\langle25\rangle^2[25][35]\right)}{\langle3|1+6|2]\langle3|1+2|6]\langle5|1+6|2]\Delta_{624}^2} +$$

$$\frac{-3/16i[13]^2\langle14\rangle[15]\langle16\rangle^2[16]^2\langle23\rangle\langle36\rangle[36]\langle46\rangle\dots\langle\!\langle1340\,\text{terms}\rangle\!\rangle\dots-3i\langle13\rangle[13]^2\langle14\rangle\langle15\rangle^2[15]^4\langle26\rangle\langle45\rangle}{\langle3|1+2|6]\langle5|1+6|2]\Delta_{624}^2} +$$

$$(123456\rightarrow345612)+$$

$$(123456\rightarrow561234)+$$

$$\frac{5/128i\langle16\rangle[16]\langle23\rangle[23]\langle45\rangle[45]\langle2|1+6|3]\langle4|1+6|5]\langle6|2+3|1]\Pi_{624}\Pi_{246}\Pi_{462}}{\langle1|2+3|6]\langle3|1+6|2]\langle5|1+6|4]\Delta_{624}^3}$$