

$$\begin{aligned}
& \frac{1[13]^2 \langle 16 \rangle^2 [24]^2 s_{234}}{[23][34]^2 \langle 56 \rangle \langle 1|5+6|1 \rangle^2 \langle 1|2+3|4 \rangle} + \\
& \frac{-4[13] \langle 16 \rangle [24]^2 \langle 6|2+4|3 \rangle}{[23][34]^2 \langle 56 \rangle \langle 1|5+6|1 \rangle \langle 1|2+3|4 \rangle}
\end{aligned}$$