

$$\begin{array}{c}
 \sigma(\text{track}) \oplus \sigma(\text{upstream}) \\
 \hline
 \begin{array}{c}
 \sigma(\text{track}) \oplus \sigma(\text{downstream}) \\
 \hline
 \sigma(\text{upstream}) \oplus \sigma(\text{downstream}) \\
 \hline
 \frac{1}{\sqrt{2}} (512 \text{ ps} \oplus 372 \text{ ps} \ominus 365 \text{ ps}) = 366 \text{ ps} \\
 \hline
 \frac{1}{\sqrt{2}} (512 \text{ ps} \oplus 385 \text{ ps} \ominus 441 \text{ ps}) = 329 \text{ ps} \\
 \hline
 \sigma(\text{upstream}) \oplus \sigma(\text{coincidence}) \\
 \hline
 \sigma(\text{track}) \oplus \sigma(\text{coincidence})
 \end{array}
 \end{array}$$





