Name	Event type		Propability for 1 pp	Probability for μ interactions
ZERO COUNTING - AND	Hits = 0	Hits = 0	$\varepsilon_0 = 1-\varepsilon_1-\varepsilon_2-\varepsilon_3$	$e^{(\varepsilon_0-1)\mu}$
EVENT COUNTING - XOR - A	Hits ≥ 1	Hits = 0	$\varepsilon_1 = \varepsilon_A - \varepsilon_{coinc}$	$e^{(\varepsilon_0+\varepsilon_1-1)\mu} - e^{(\varepsilon_0-1)\mu}$
EVENT COUNTING - XOR - C	Hits = 0	Hits ≥ 1	$\varepsilon_2 = \varepsilon_C - \varepsilon_{coinc}$	$e^{(\varepsilon_0+\varepsilon_2-1)\mu} - e^{(\varepsilon_0-1)\mu}$
EVENT COUNTING - AND	Hits ≥ 1	Hits ≥ 1	$\varepsilon_3 = \varepsilon_{coinc}$	$1 - e^{(\varepsilon_0+\varepsilon_1-1)\mu} - e^{(\varepsilon_0+\varepsilon_2-1)\mu} + e^{(\varepsilon_0-1)\mu}$
EVENT COUNTING - OR	Hits ≥ 1	Hits ≥ 1	$\varepsilon_{sing} = 1 - \varepsilon_0$	$1 - e^{(\varepsilon_0-1)\mu}$
	Hits ≥ 1	Hits = 0		
	Hits = 0	Hits ≥ 1		
ZERO COUNTING - OR	Hits = 0	Hits = 0	-	$e^{(\varepsilon_0+\varepsilon_1-1)\mu} + e^{(\varepsilon_0+\varepsilon_2-1)\mu} - e^{(\varepsilon_0-1)\mu}$
	Hits ≥ 1	Hits = 0		
	Hits = 0	Hits ≥ 1		
EVENT COUNTING - OR - A	Hits ≥ 1	Hits ≥ 1	$\varepsilon_A = 1 - \varepsilon_0 - \varepsilon_2$	$1 - e^{(\varepsilon_0+\varepsilon_2-1)\mu}$
	Hits ≥ 1	Hits = 0		
EVENT COUNTING - OR - C	Hits ≥ 1	Hits ≥ 1	$\varepsilon_C = 1 - \varepsilon_0 - \varepsilon_1$	$1 - e^{(\varepsilon_0+\varepsilon_1-1)\mu}$
	Hits = 0	Hits ≥ 1		