



**(b)**

ID	$x$ (mm)	$y$ (mm)	Role
$S_1$	268	280	Actuator /Sensor
$S_2$	33	378	Sensor
$S_3$	131	378	Sensor
$S_4$	150	128	Actuator /Sensor
$S_5$	199	258	Sensor

**(c)**

Path	$C_g$ (mm/ $\mu\text{s}$ )	TOF <sup>th</sup> ( $\mu\text{s}$ )	TOF <sup>exp</sup> ( $\mu\text{s}$ )
1 $\rightarrow$ 2	2.2	134.2	145.4
1 $\rightarrow$ 3	1.6	157.0	167.2
2 $\rightarrow$ 3	3.8	79.7	82.8
4 $\rightarrow$ 1	2.6	93.8	546.6*
4 $\rightarrow$ 2	2.5	118.2	125.6
4 $\rightarrow$ 5	3.0	57.2	154.0*

\* Anomalous TOF (edge reflection)