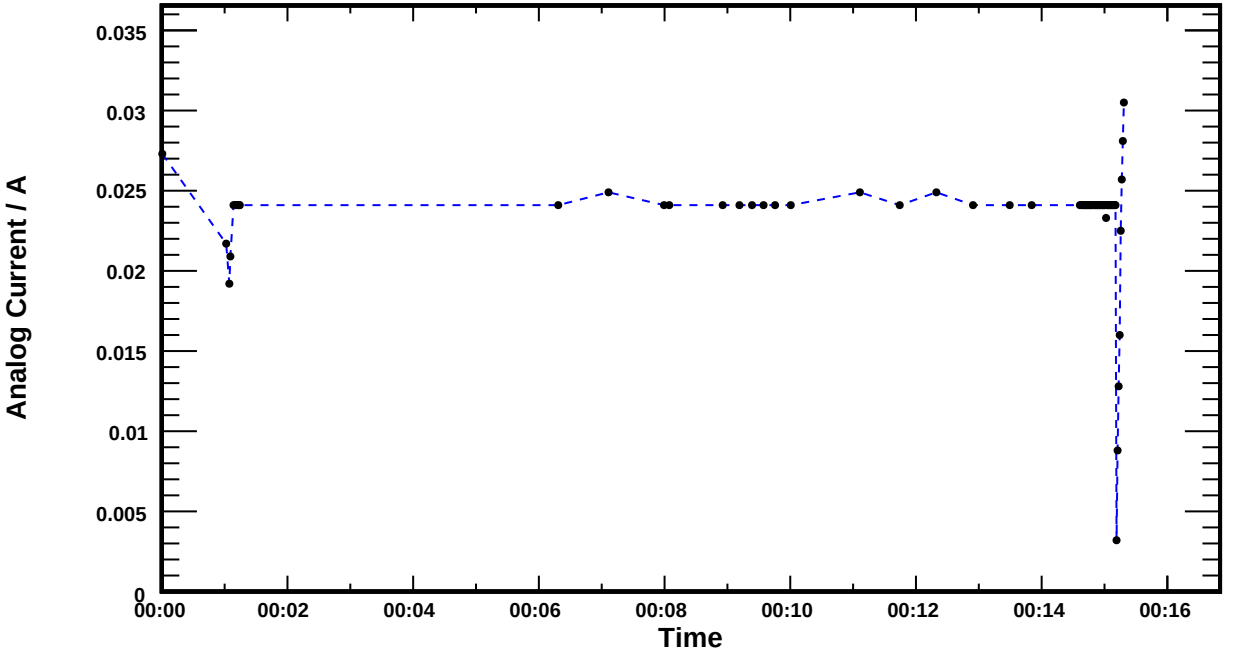Analog Current