



- $S = 100.0 \text{ s}^{-1}$  ( $t_{det} = 0.033166 \text{ s}$ )
- $S = 200.0 \text{ s}^{-1}$  ( $t_{det} = 0.018542 \text{ s}$ )
- $S = 300.0 \text{ s}^{-1}$  ( $t_{det} = 0.013896 \text{ s}$ )
- $S = 450.0 \text{ s}^{-1}$  ( $t_{det} = 0.009816 \text{ s}$ )