



- $S = 100.0 \text{ s}^{-1}$  ( $t_{det} = 0.074467 \text{ s}$ )
- $S = 200.0 \text{ s}^{-1}$  ( $t_{det} = 0.041706 \text{ s}$ )
- $S = 300.0 \text{ s}^{-1}$  ( $t_{det} = 0.028205 \text{ s}$ )
- $S = 450.0 \text{ s}^{-1}$  ( $t_{det} = 0.018639 \text{ s}$ )