



- $S = 100.0 \text{ s}^{-1}$  ( $t_{det} = 0.064768 \text{ s}$ )
- $S = 200.0 \text{ s}^{-1}$  ( $t_{det} = 0.038310 \text{ s}$ )
- $S = 300.0 \text{ s}^{-1}$  ( $t_{det} = 0.025940 \text{ s}$ )
- $S = 450.0 \text{ s}^{-1}$  ( $t_{det} = 0.017356 \text{ s}$ )