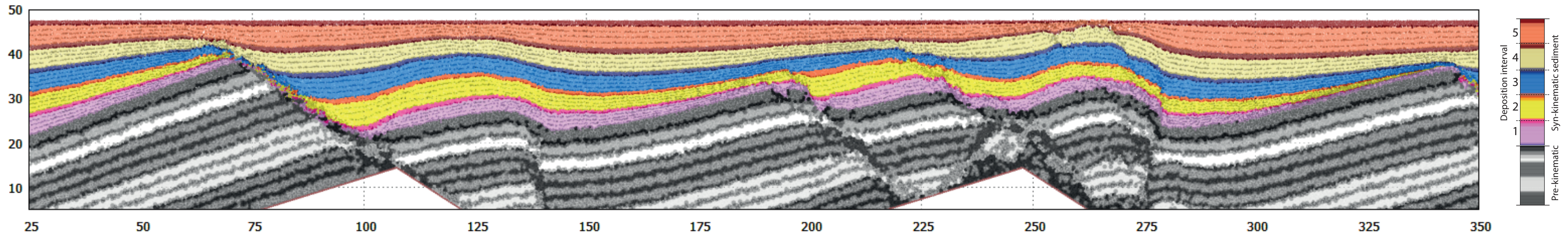


DEM: Normal faulting 1. The effect of syn-kinematic sedimentation on faulting in pre- and syn-kinematic layers

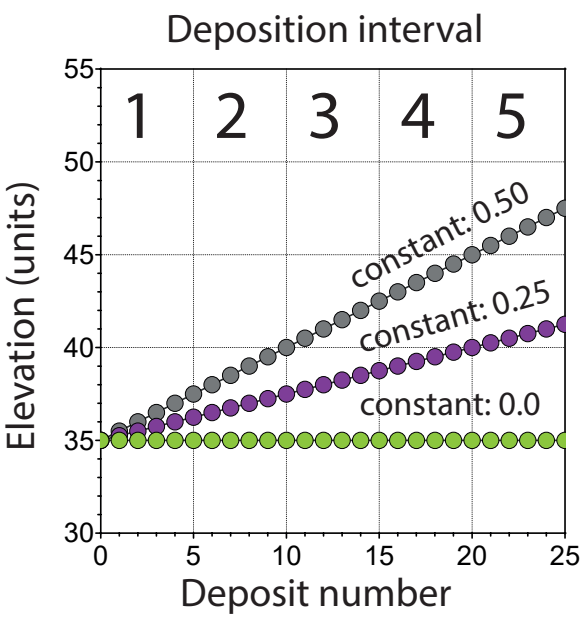
File: NF.intervals.pdf

This file contains pages where the stratigraphy at the end of each interval are presented. The colouring corresponds to the 5 intervals (each containing 5 depositions) with pre-kinematic layers in greyscale and syn-kinematic layers coloured. The time interval between each deposit is constant. See file NF.intro.pdf for the methodology and figures 5 and 7 for these results with interpreted faults at the end of the experiments (Time:75).

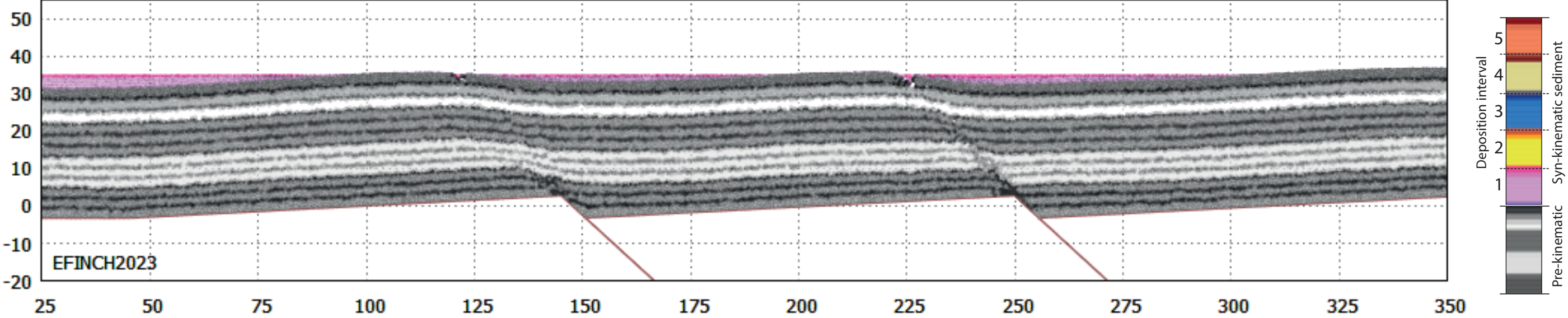


Experiment: Constant_0.0

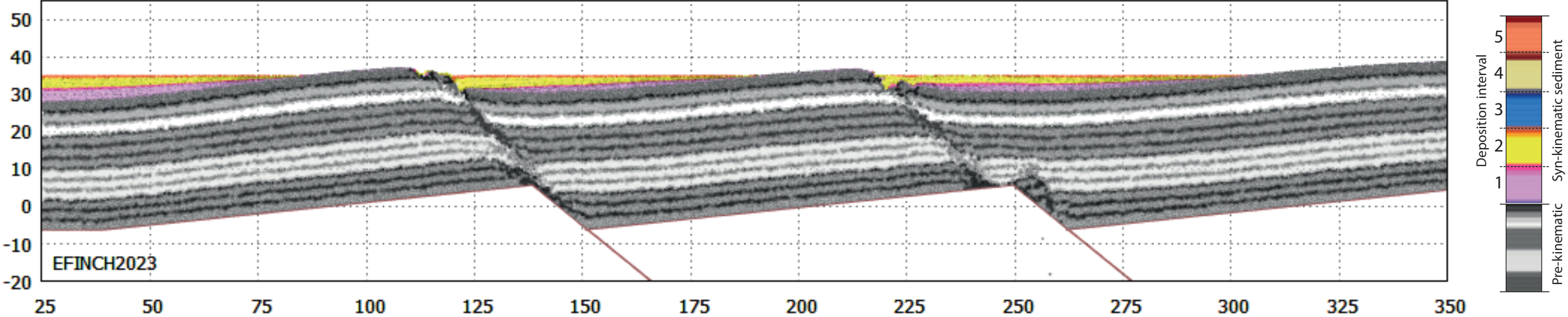
Interval	height change per deposit (unit)				
	1	2	3	4	5
constant_0.0	0.00	0.00	0.00	0.00	0.00
constant_0.25	0.25	0.25	0.25	0.25	0.25
constant_0.50	0.50	0.50	0.50	0.50	0.50



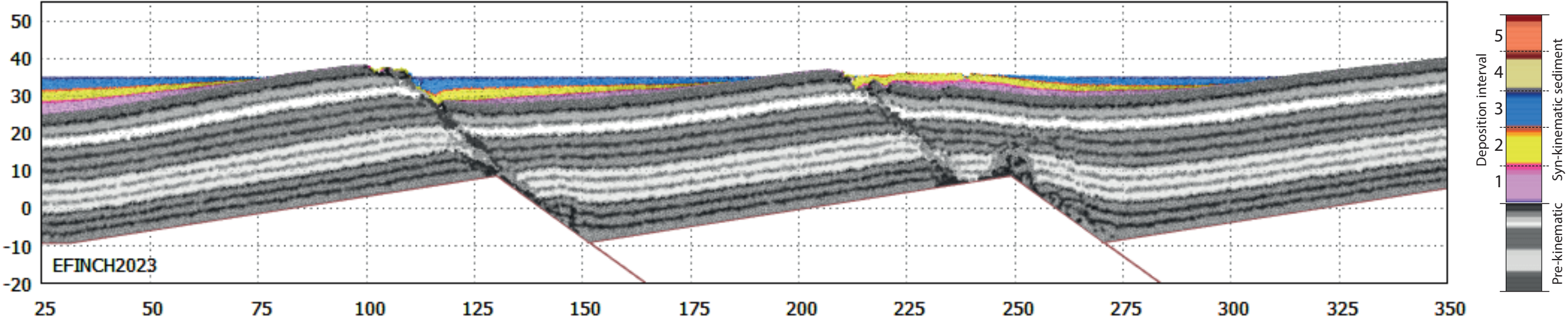
Time:15 Interval: 1 SLR: 0.0



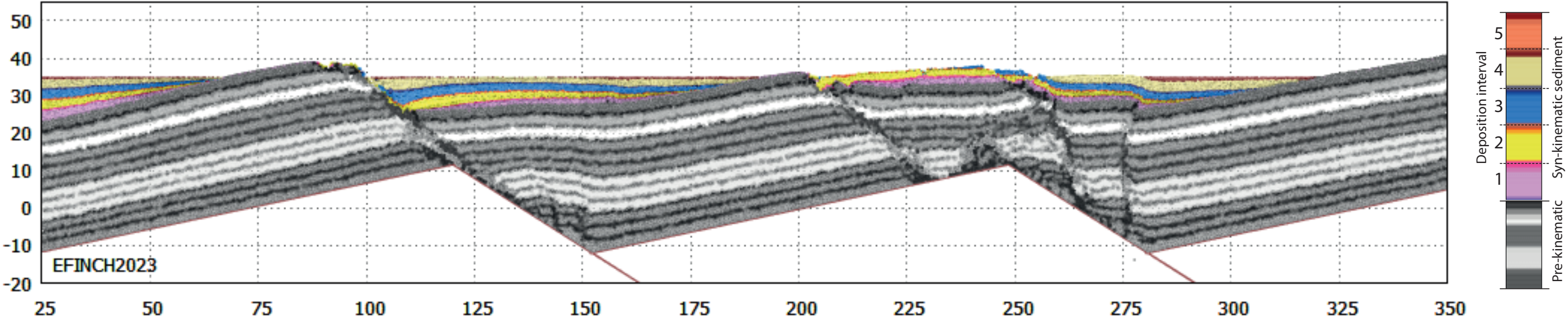
Time:30 Interval: 2 SLR: 0.0



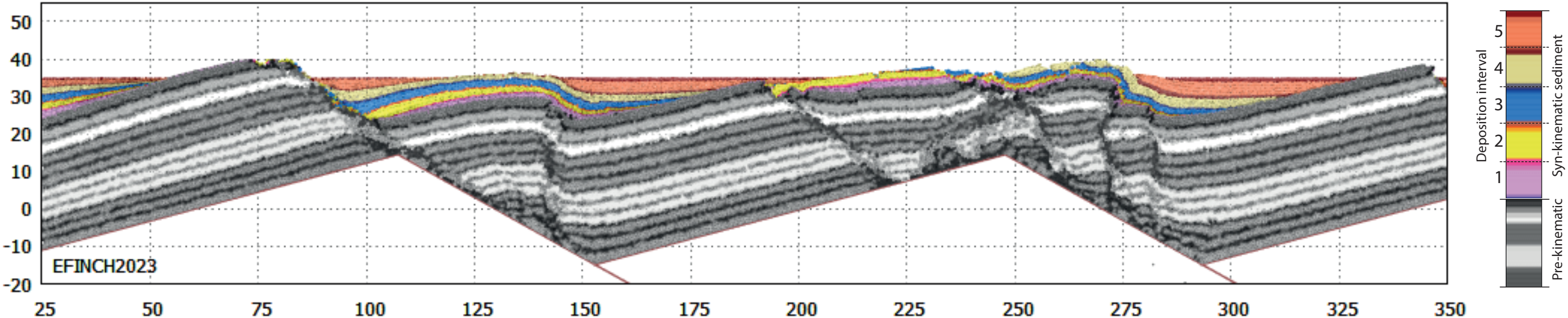
Time:45 Interval: 3 SLR: 0.0



Time:60 Interval: 4 SLR: 0.0

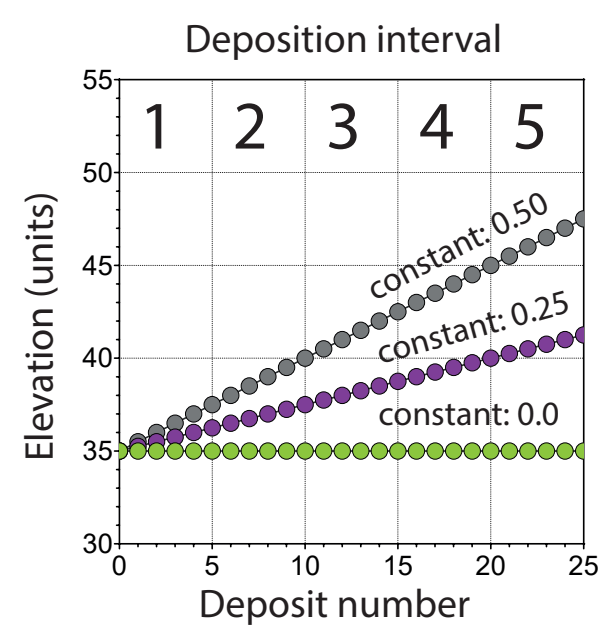


Time:75 Interval: 5 SLR: 0.0

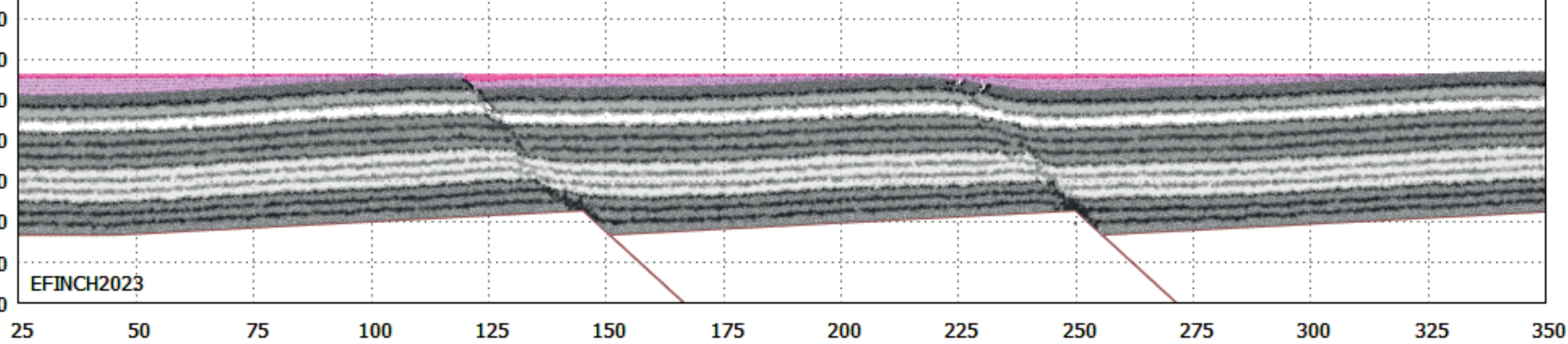


Experiment: Constant_0.25

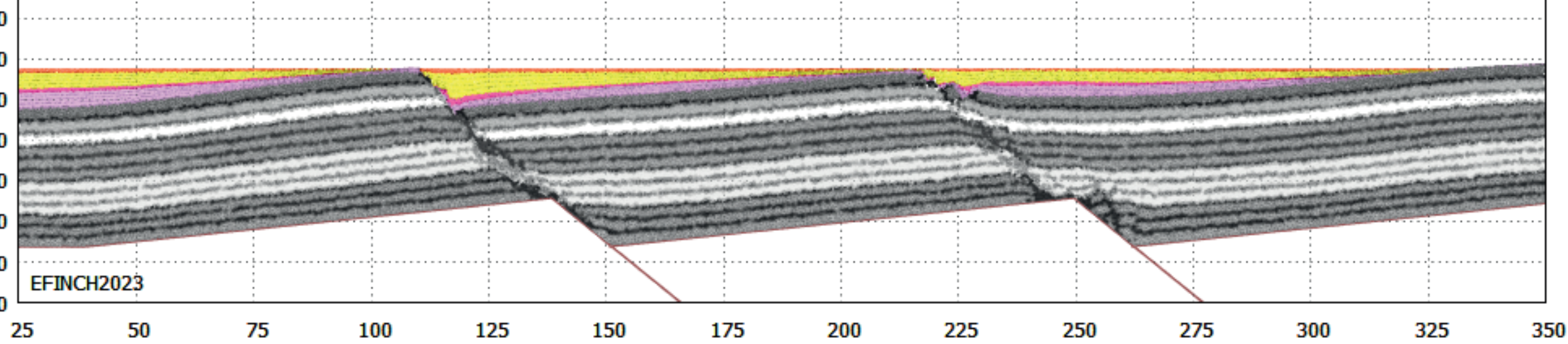
Interval	height change per deposit (unit)				
	1	2	3	4	5
constant_0.0	0.00	0.00	0.00	0.00	0.00
constant_0.25	0.25	0.25	0.25	0.25	0.25
constant_0.50	0.50	0.50	0.50	0.50	0.50



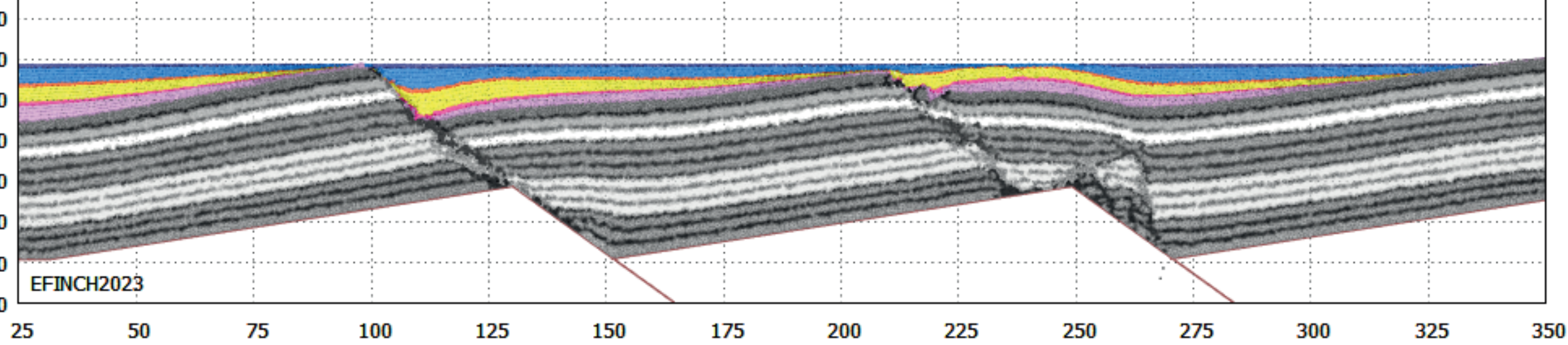
Time:15 Interval: 1 SLR: 0.25



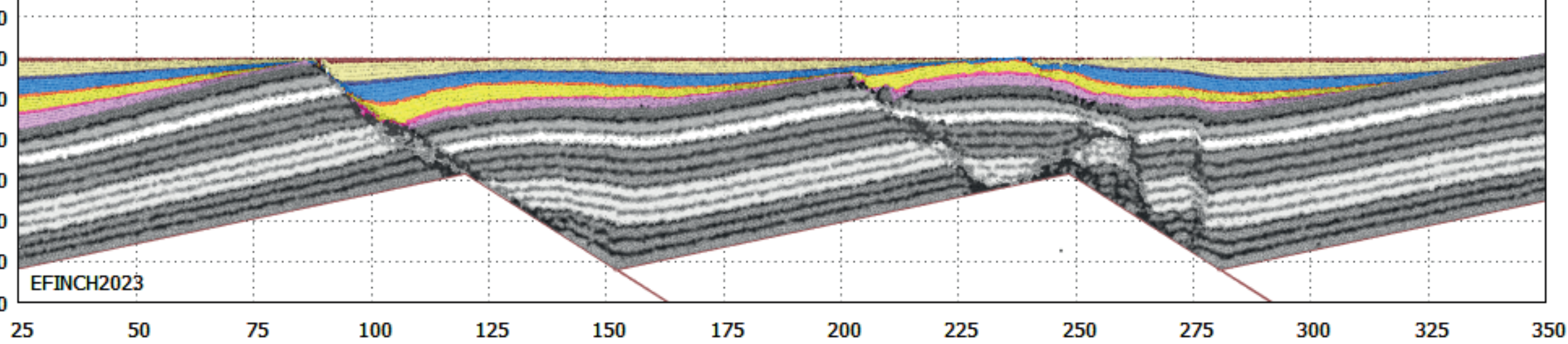
Time:30 Interval: 2 SLR: 0.25



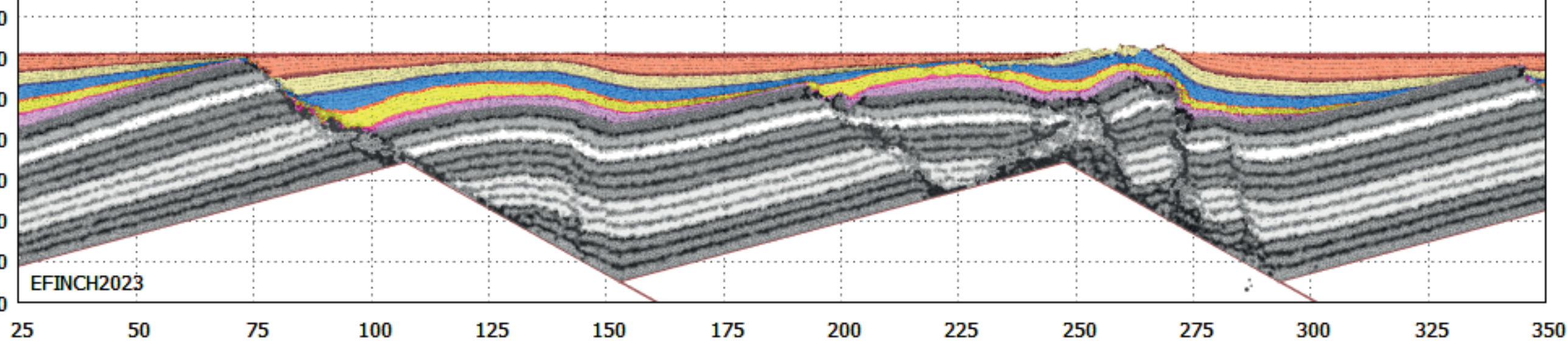
Time:45 Interval: 3 SLR: 0.25



Time:60 Interval: 4 SLR: 0.25

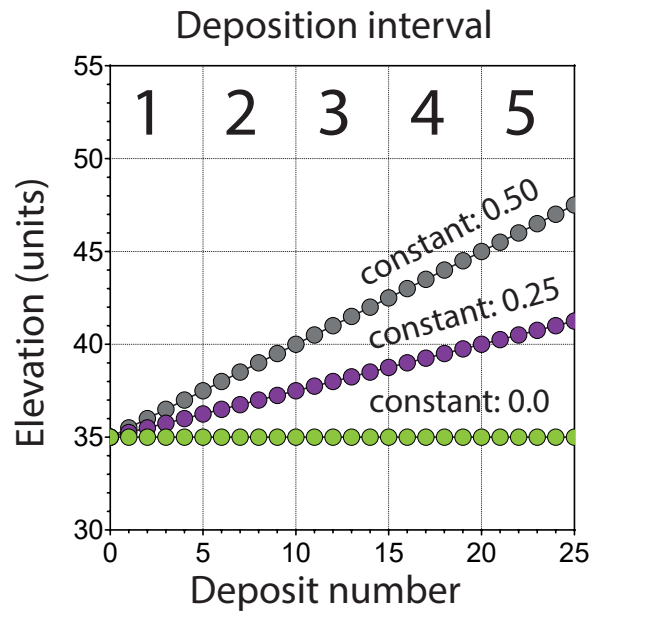


Time:75 Interval: 5 SLR: 0.25

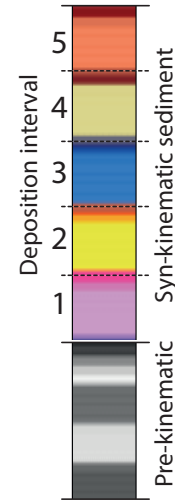
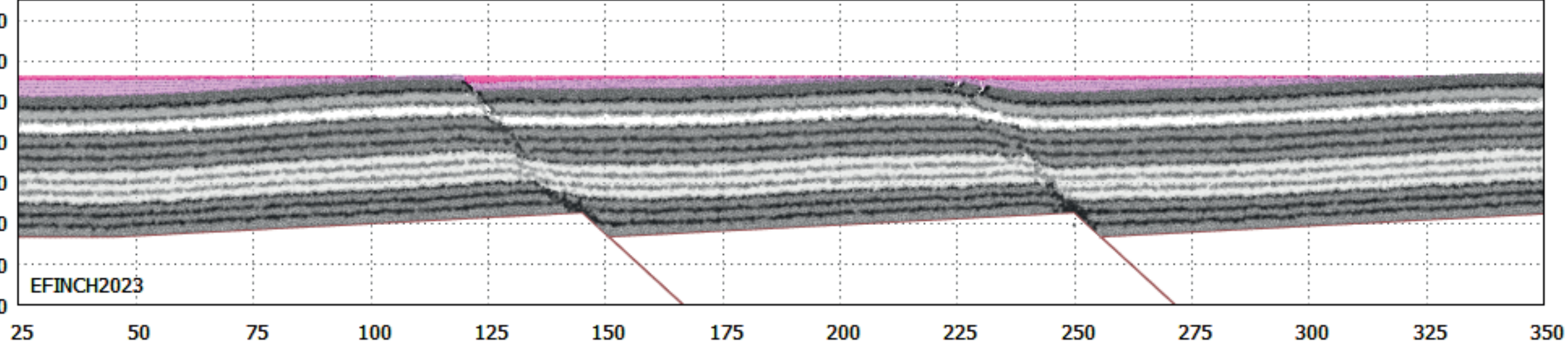


Experiment: Constant_0.50

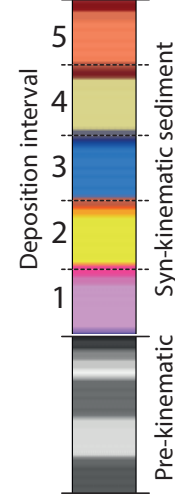
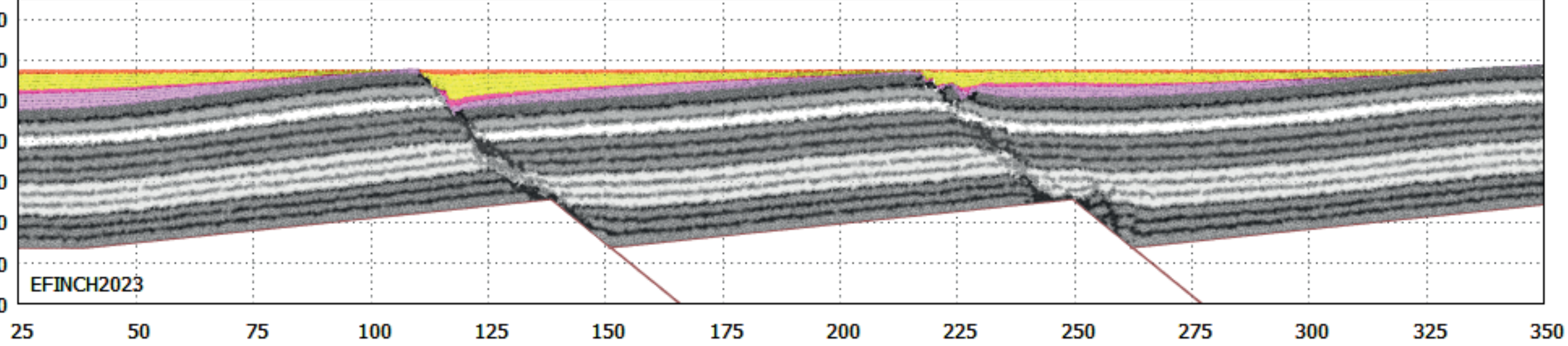
Interval	height change per deposit (unit)				
	1	2	3	4	5
constant_0.0	0.00	0.00	0.00	0.00	0.00
constant_0.25	0.25	0.25	0.25	0.25	0.25
constant_0.50	0.50	0.50	0.50	0.50	0.50



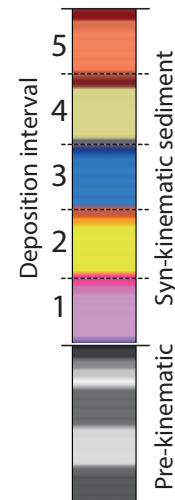
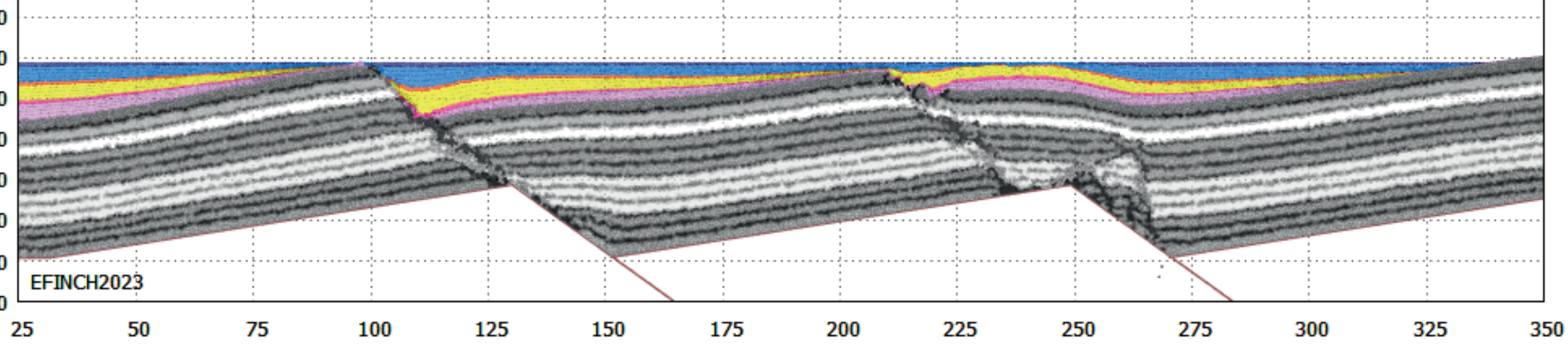
Time:15 Interval: 1 SLR: 0.25



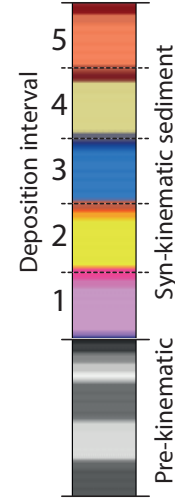
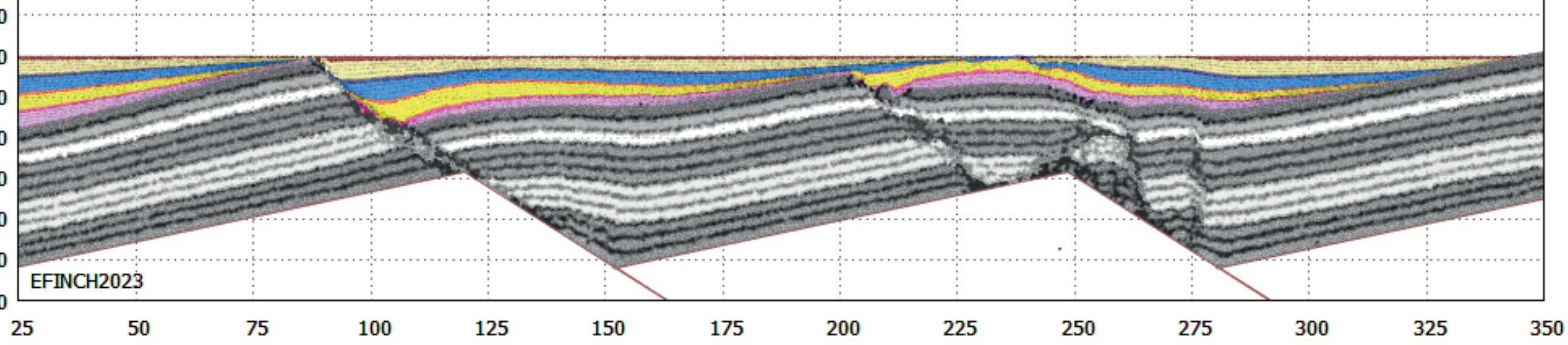
Time:30 Interval: 2 SLR: 0.25



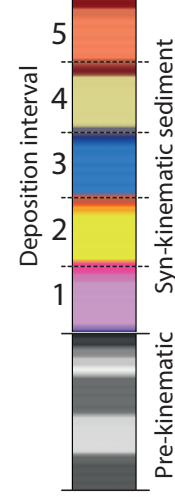
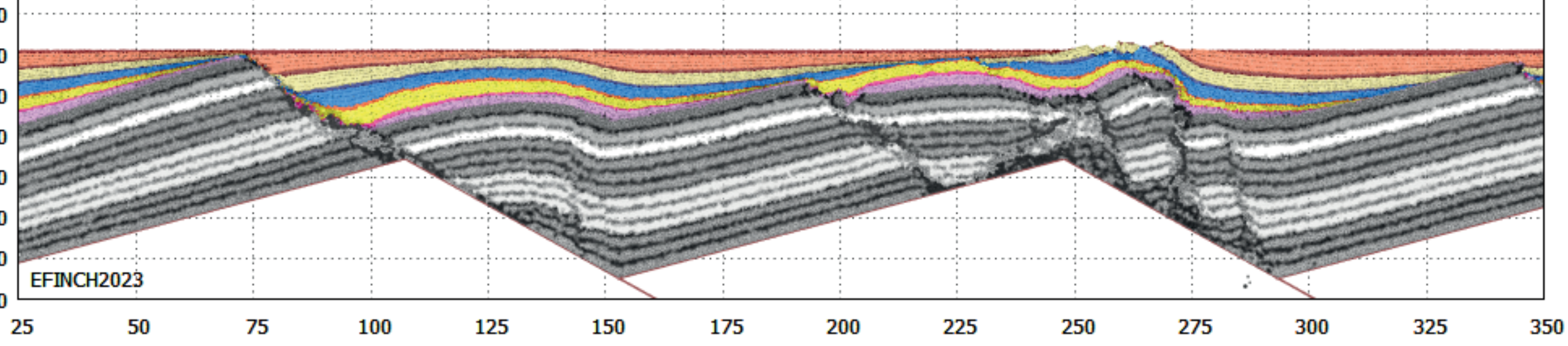
Time:45 Interval: 3 SLR: 0.25



Time:60 Interval: 4 SLR: 0.25

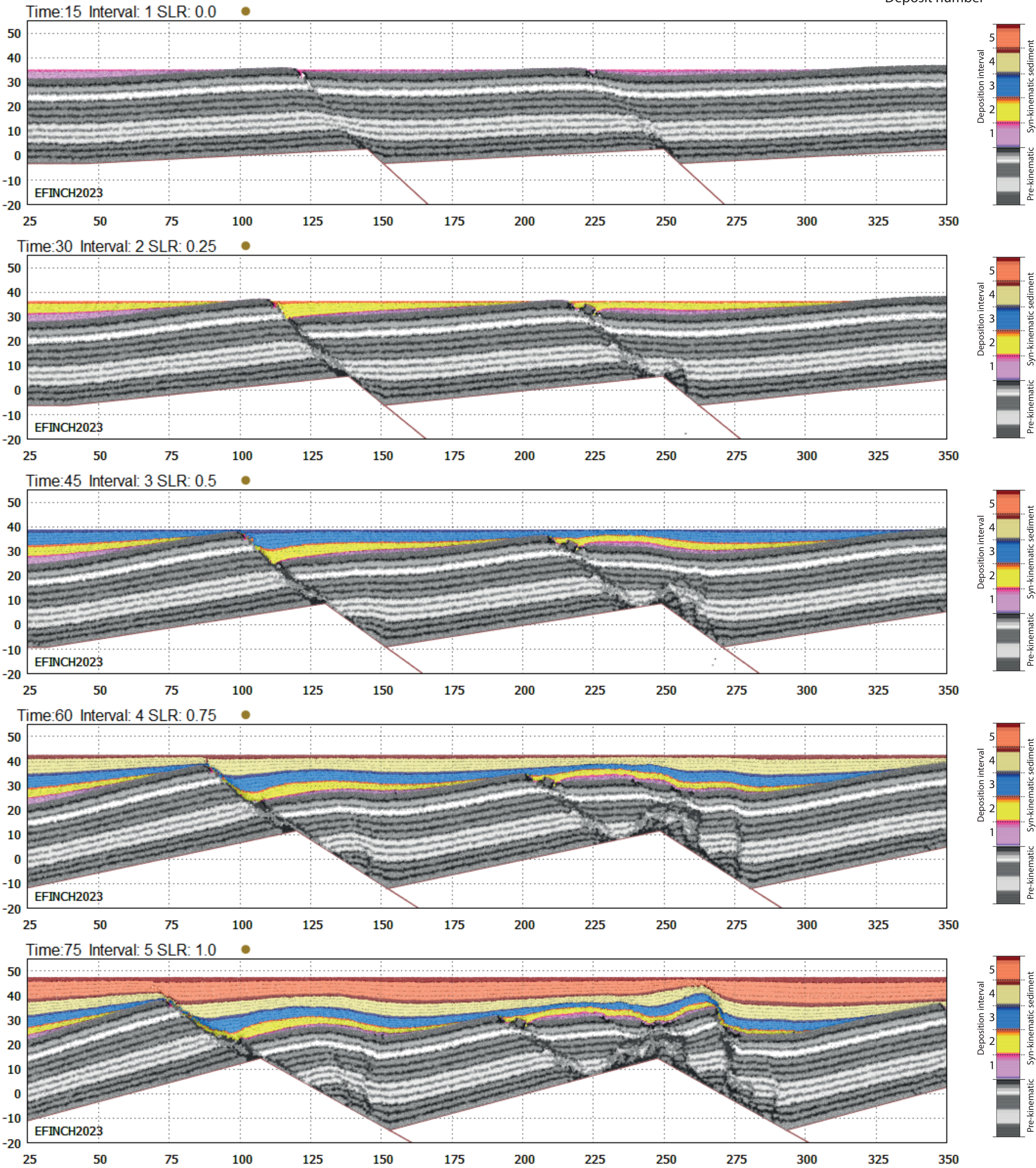
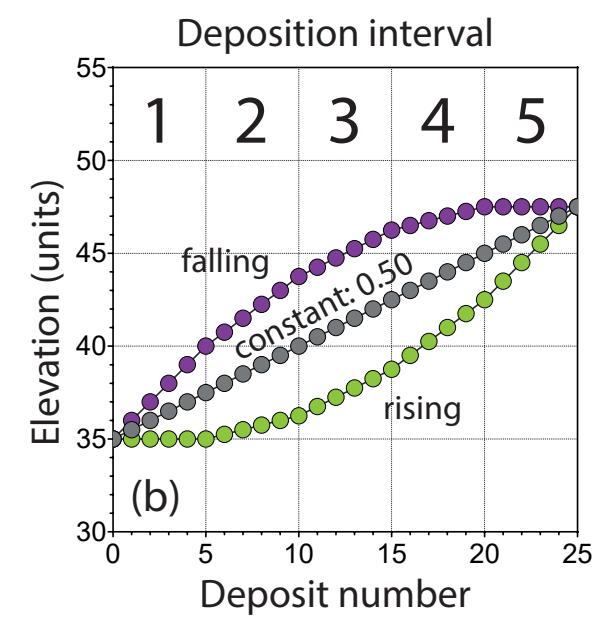


Time:75 Interval: 5 SLR: 0.25



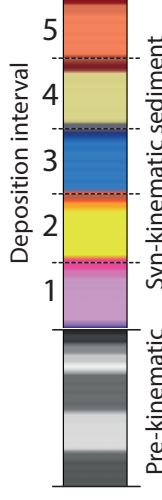
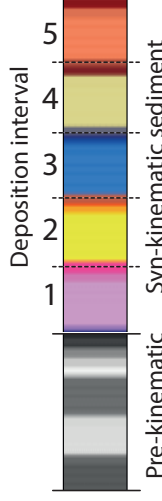
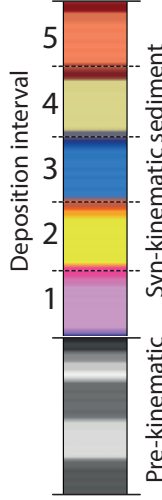
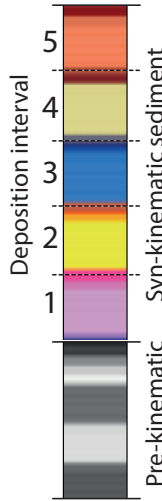
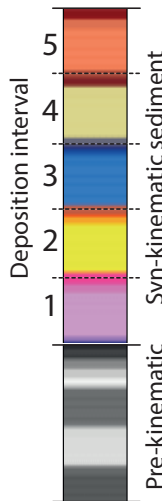
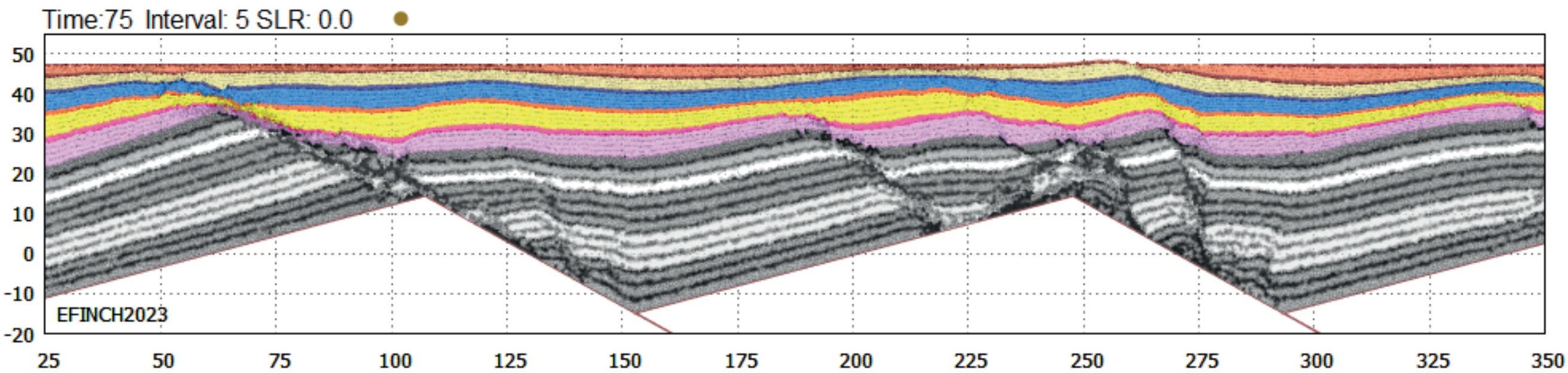
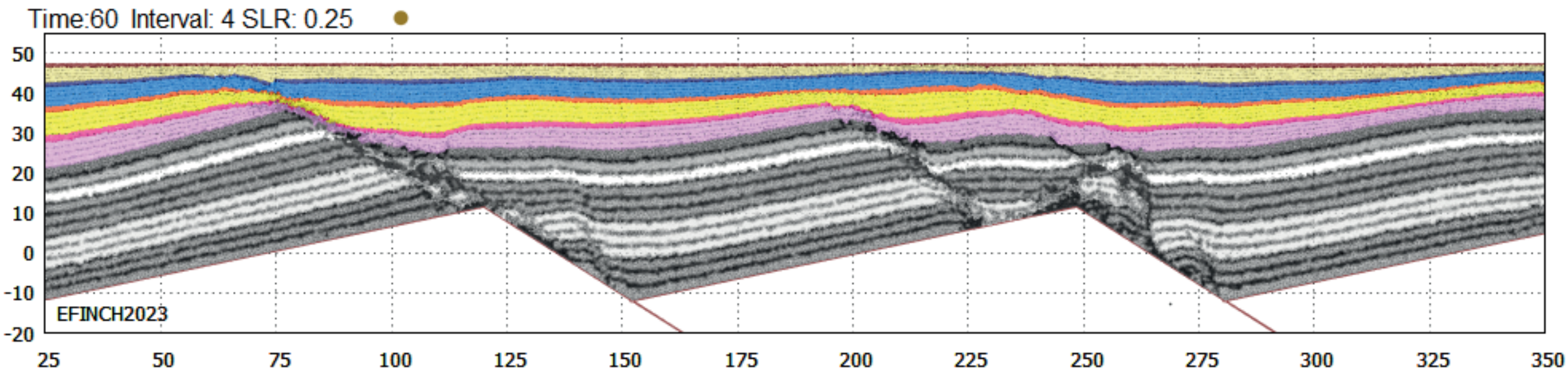
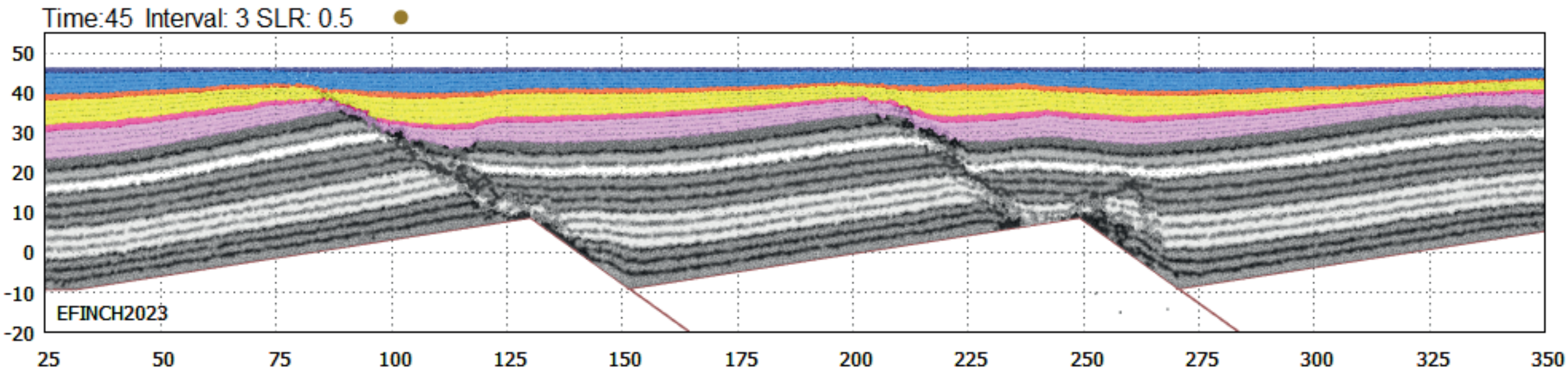
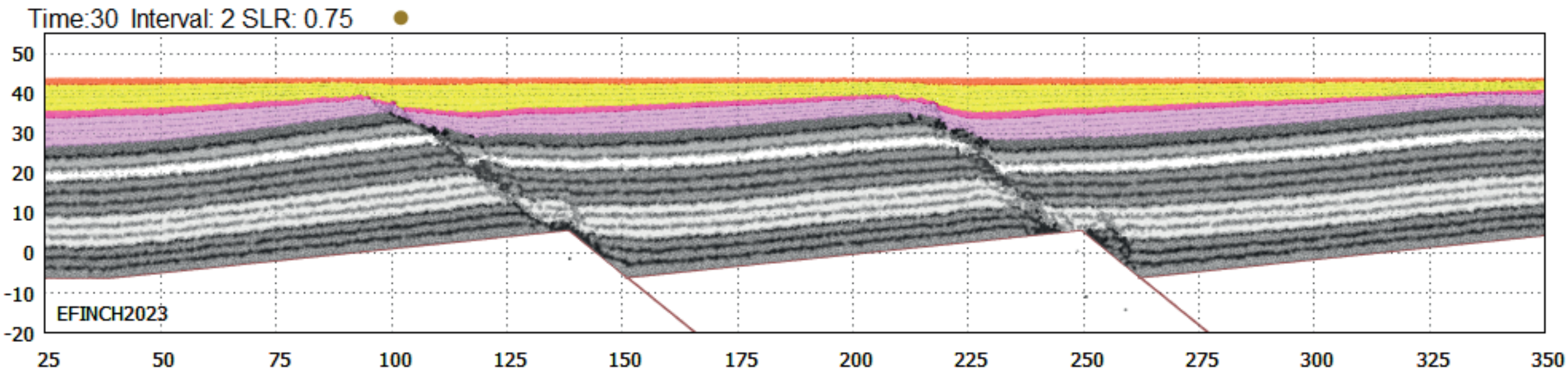
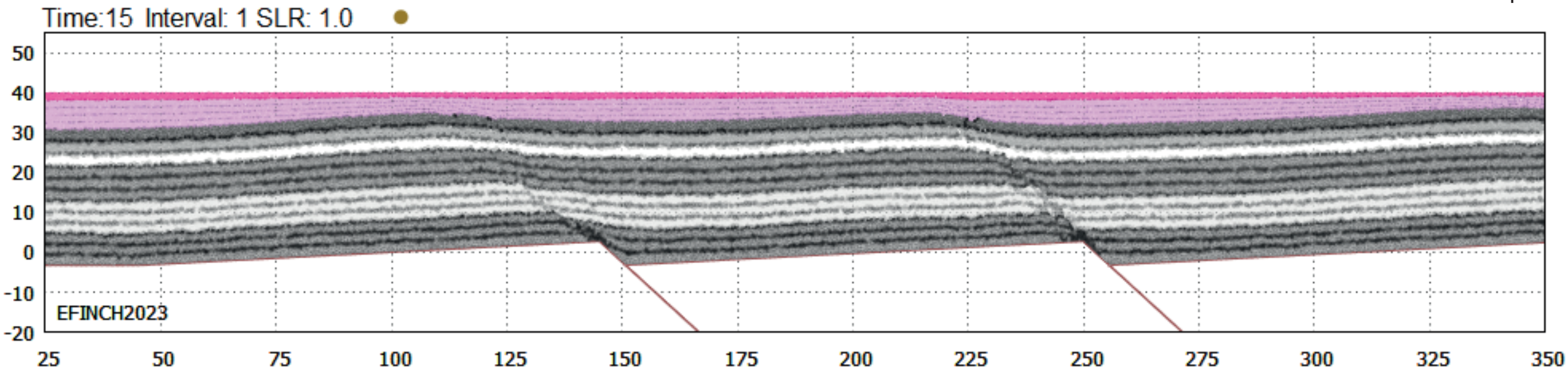
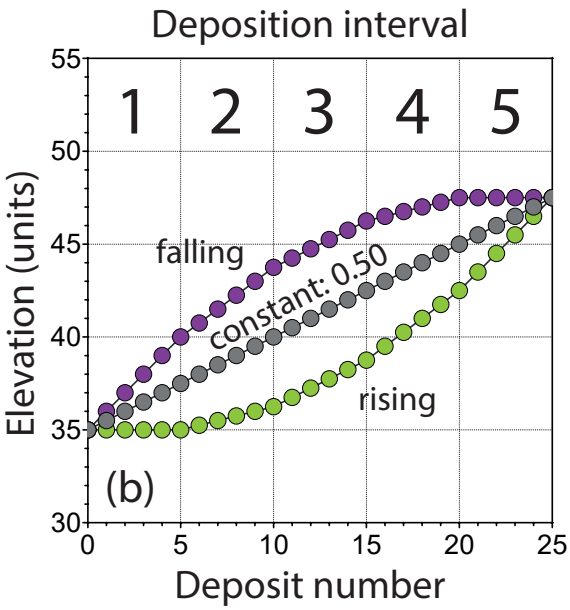
Experiment: rising

Interval	height change per deposit (unit)				
	1	2	3	4	5
rising	0.00	0.25	0.50	0.75	1.00
falling	1.00	0.75	0.50	0.25	0.00



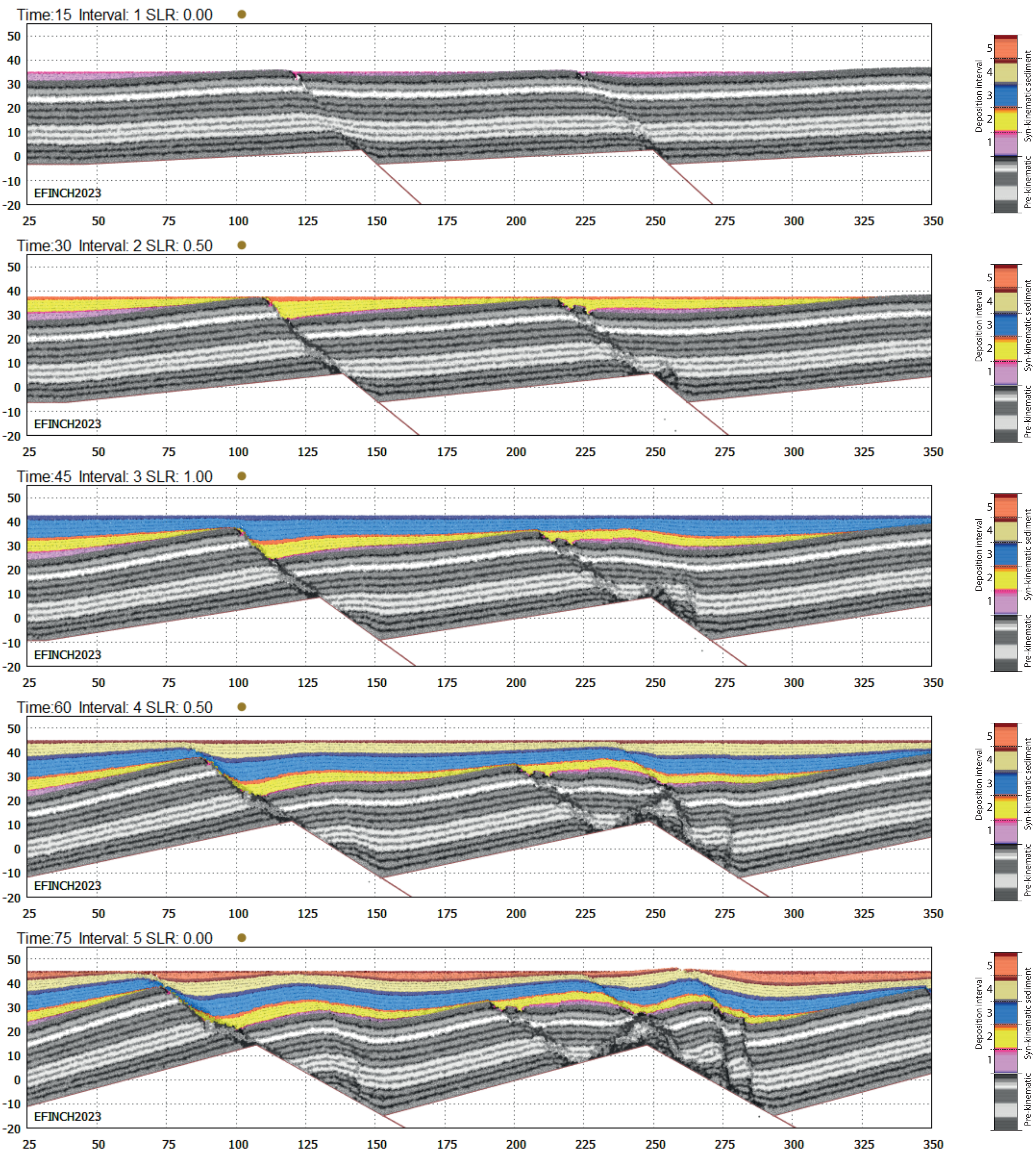
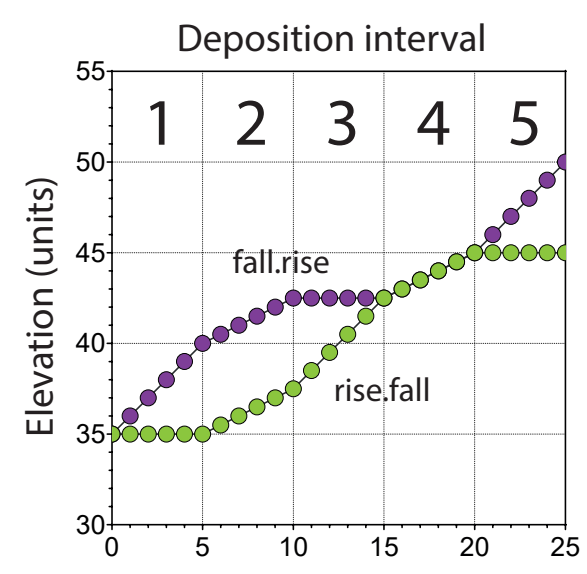
Experiment: falling

Interval	height change per deposit (unit)				
	1	2	3	4	5
rising	0.00	0.25	0.50	0.75	1.00
falling	1.00	0.75	0.50	0.25	0.00



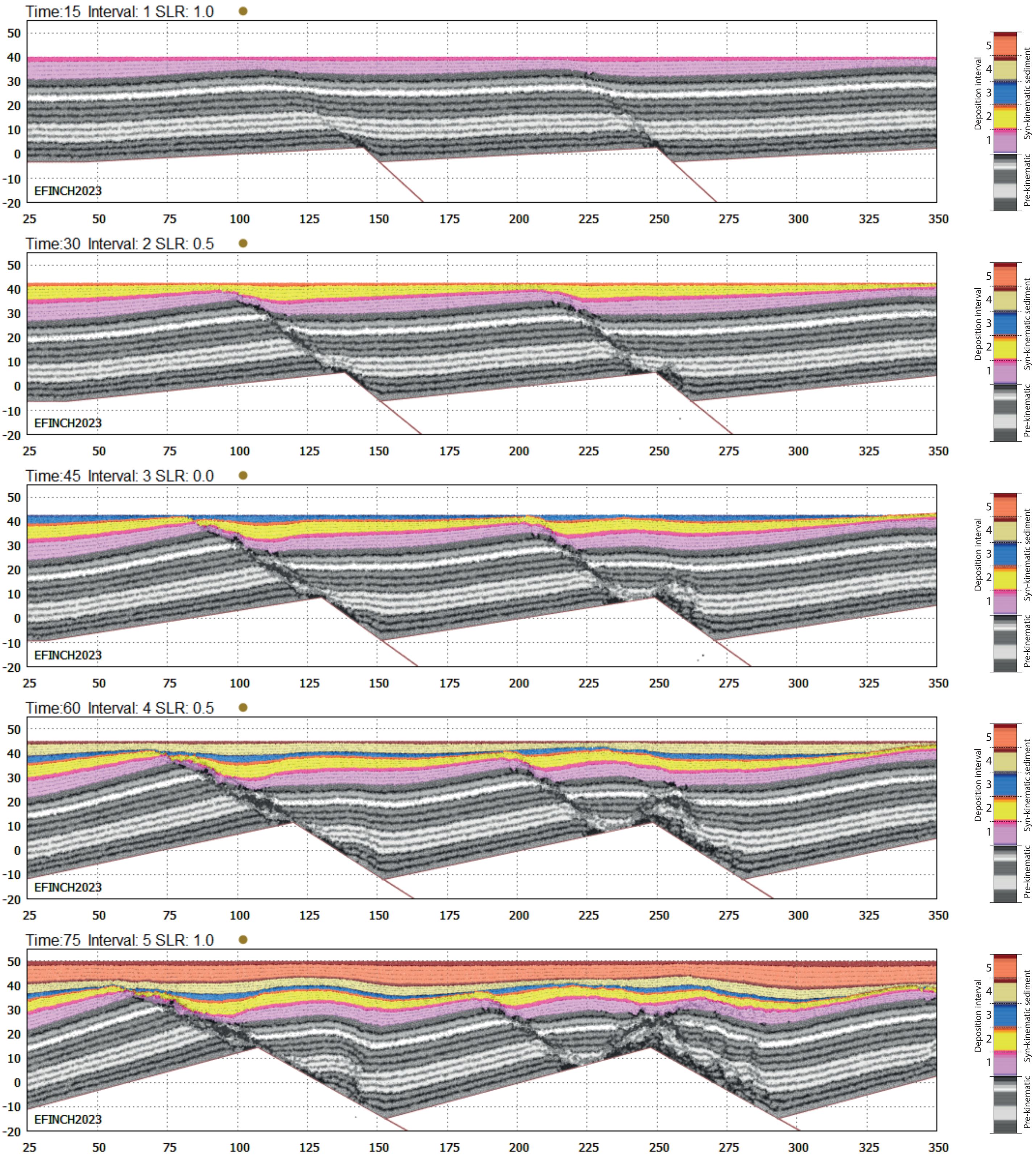
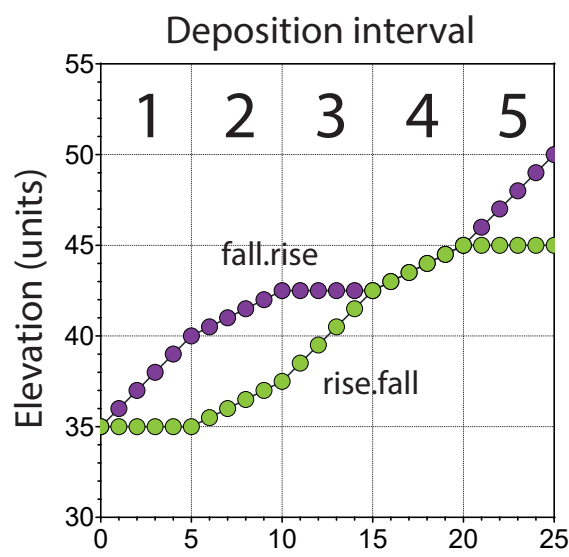
Experiment: rise.fall

Interval	height change per deposit (unit)				
	1	2	3	4	5
rise.fall	0.00	0.50	1.00	0.50	0.00
fall.rise	1.00	0.50	0.00	0.50	1.00



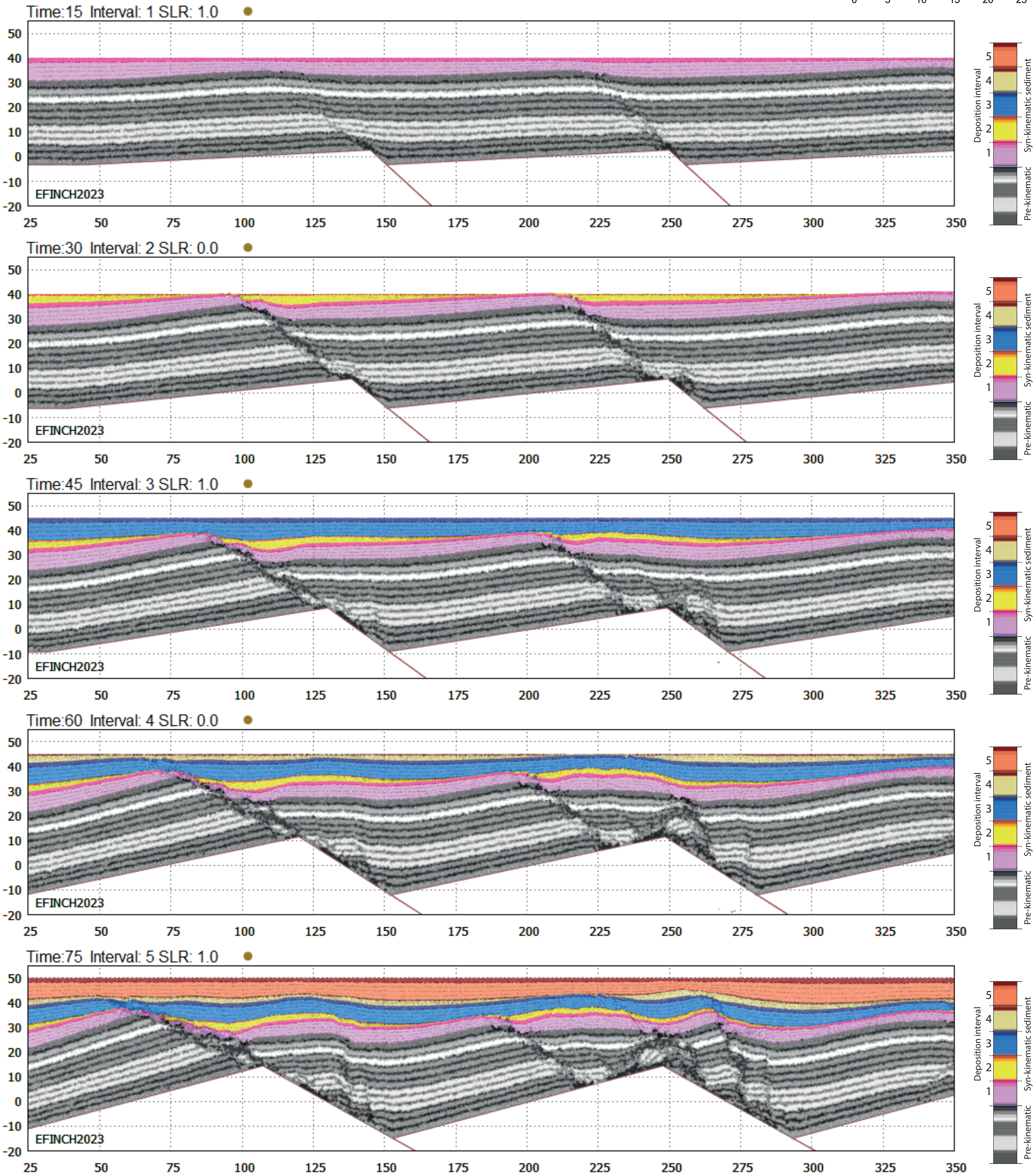
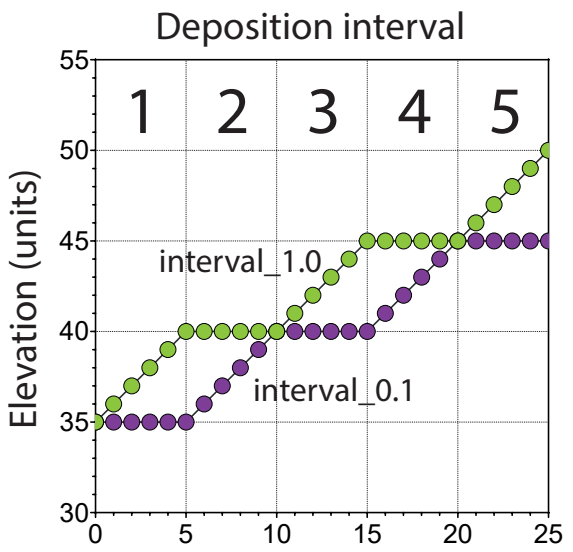
Experiment: fall.rise

Interval	height change per deposit (unit)				
	1	2	3	4	5
rise.fall	0.00	0.50	1.00	0.50	0.50
fall.rise	1.00	0.50	0.00	0.50	1.00



Experiment: interval_1.0

Interval	height change per deposit (unit)				
	1	2	3	4	5
interval_1.0	1.00	0.00	1.00	0.00	1.00
interval_0.1	0.00	1.00	0.00	1.00	0.00



Experiment: interval_0.1

Interval	height change per deposit (unit)				
	1	2	3	4	5
interval_1.0	1.00	0.00	1.00	0.00	1.00
interval_0.1	0.00	1.00	0.00	1.00	0.00

