TPV12-2D, elastic
on-fault, 3 km down-dip
dip-slip rate
2D, dx = 100 m
TPV12-2D, elastic on-fault, 3 km down-dip

dip-slip rate

2D, dx = 25 m
TPV12, elastic
-1 km off-fault, 0 km along-strike, 0.3 km deep
repository location
vertical velocity, positive down
3D

vertical velocity vs. time
TPV12-2D, elastic
-1 km off-fault, 0.3 km deep
repository location
vertical velocity, positive down
2D, dx = 100 m
TPV12-2D, elastic
-1 km off-fault, 0.3 km deep
repository location
vertical velocity, positive down
2D, dx = 25 m
TPV12, elastic
-1 km off-fault, 0 km along-strike, 0.3 km deep repository location
normal horizontal velocity, positive west
3D

Graph showing normal velocity over time with three lines representing different scenarios.
TPV12-2D, elastic
-1 km off-fault, 0.3 km deep
repository location
horizontal velocity, positive west
2D, dx = 100 m
TPV12-2D, elastic
-1 km off-fault, 0.3 km deep
repository location
horizontal velocity, positive west
2D, dx = 25 m
TPV13, inelastic
on-fault, 0 km along-strike, 3 km down-dip
dip-slip rate
3D

Vertical slip rate

time
TPV13-2D, inelastic
on-fault, 3 km down-dip
dip-slip rate
2D, dx = 100 m
TPV13-2D, inelastic
on-fault, 3 km down-dip
dip slip rate
2D, dx = 25 m
TPV13, inelastic
-1 km off-fault, 0 km along-strike, 0.3 km deep
repository location
vertical velocity, positive down
3D
TPV13-2D, inelastic
-1 km off-fault, 0.3 km deep
repository location
vertical velocity, positive down
2D, $dx = 100$ m
TPV13-2D, inelastic
-1 km off-fault, 0.3 km deep
repository location
vertical velocity, positive down
2D, dx = 25 m
TPV13, inelastic
-1 km off-fault, 0 km along-strike, 0.3 km deep repository location
normal horizontal velocity, positive west
3D

![Graph](image-url)
TPV13-2D, inelastic
-1 km off-fault, 0.3 km deep
repository location
horizontal velocity, positive west
2D, dx = 100 m
TPV13-2D, inelastic
-1 km off-fault, 0.3 km deep
repository location
horizontal velocity, positive west
2D, dx = 25 m
Inelastic strain
\( dx = 12.5 \text{ m} \)
TPV12, elastic
-1 km off-fault, 0 km along-strike, 0.3 km deep
repository location
vertical velocity, positive down
3D
TPV13, inelastic
-1 km off-fault, 0 km along-strike, 0.3 km deep
repository location
vertical velocity, positive down
3D
TPV12, elastic
-1 km off-fault, 0 km along-strike, 0.3 km deep
repository location
normal horizontal velocity, positive west
3D

[Graph showing normal velocity over time]
TPV13, inelastic
-1 km off-fault, 0 km along-strike, 0.3 km deep
repository location
normal horizontal velocity, positive west
3D