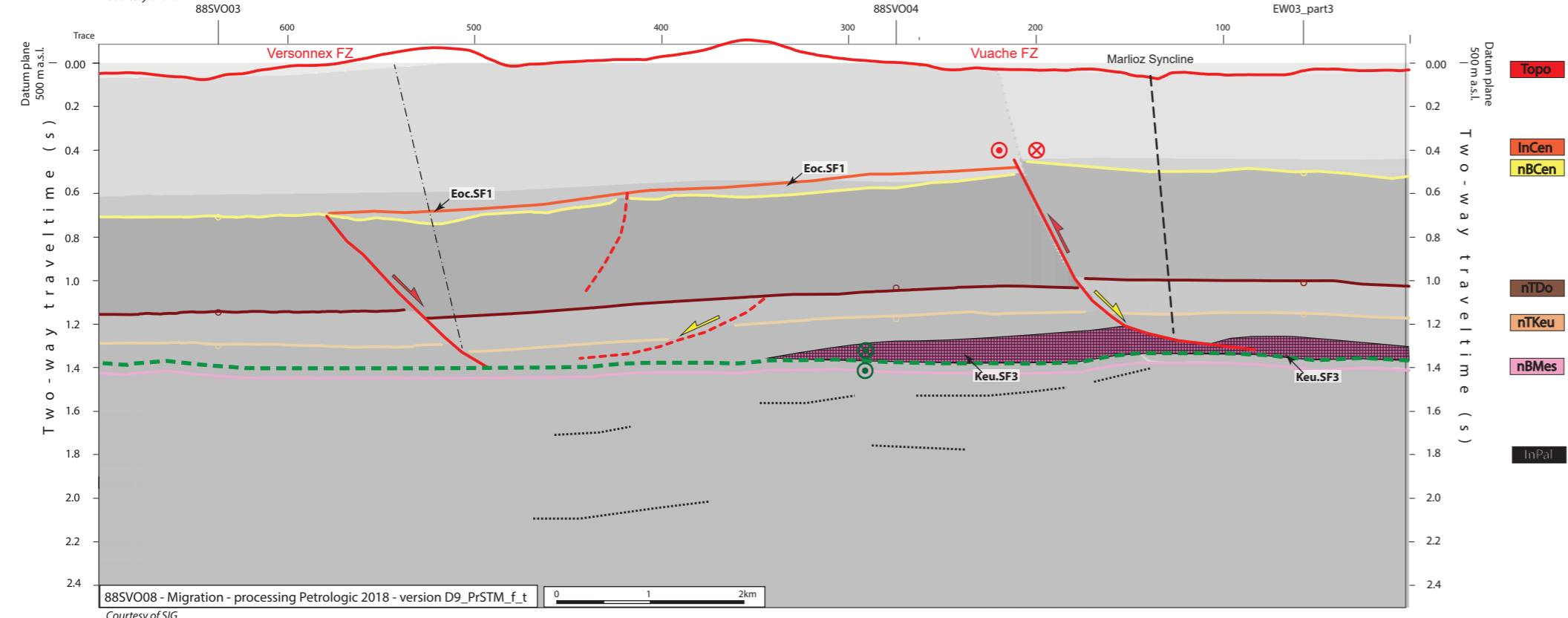
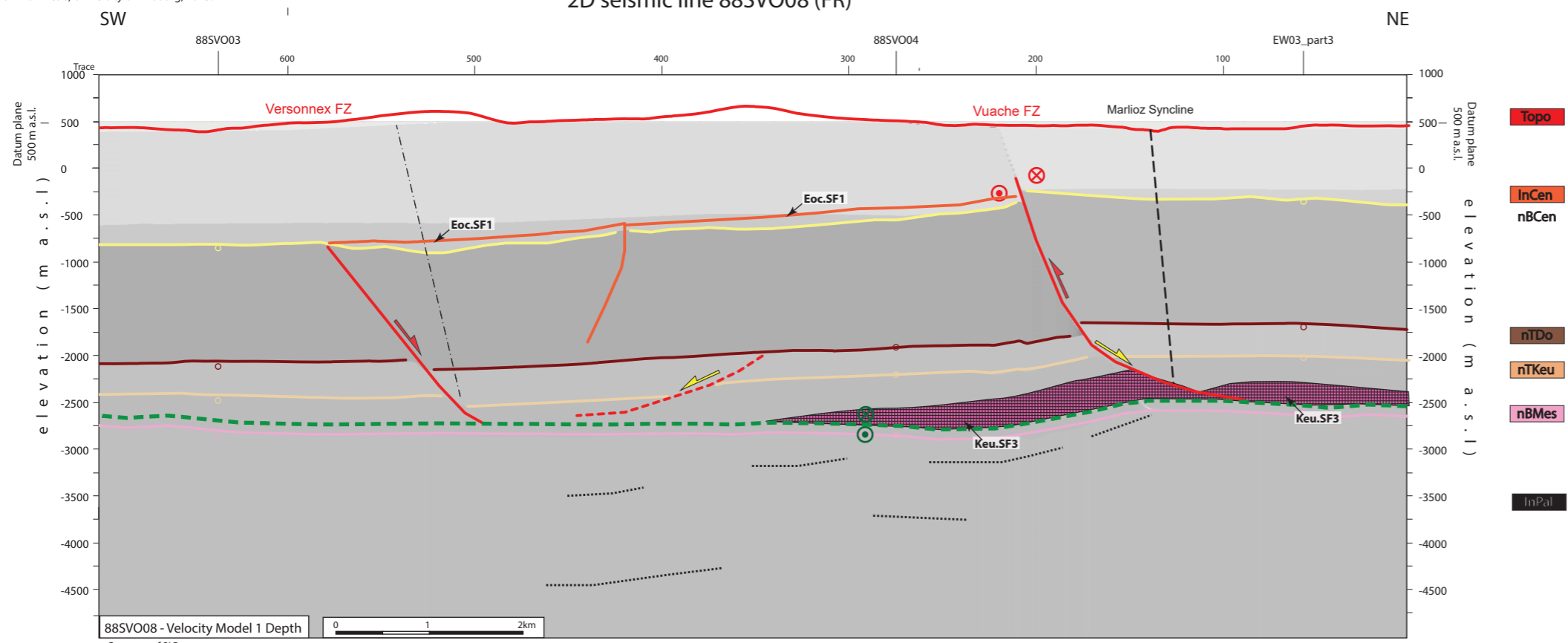


2D seismic line 88SVO08 (FR)



Folds in detached Mesozoic and Cenozoic sedimentary cover

- Anticline visible on surface and on seismic data (blue -> only in Cenozoic cover)
- Syncline visible on surface and on seismic data (blue -> only in Cenozoic cover)
- Anticline visible only on seismic data (blue -> only in Cenozoic cover)
- Syncline visible only seismic data (blue -> only in Cenozoic cover)

Main Faults at nBCen (near Base Cenozoic)

- Reverse fault
- Strike-slip fault
- Normal fault
- Fault corridor

Other features

- Seismic lines with trace numbers
- Interpreted seismic lines (left)
- Geomorphologic lineaments
- Wells
- Frontier CH-FR

Fold Names

- Frangy Syncline
- Musiège Anticline
- Mt des Princes Anticline
- Mt d'âge Anticline
- Mandalaz Anticline
- Choisir Syncline
- Cercier Anticline
- Marlioz Syncline
- Minzier Anticline

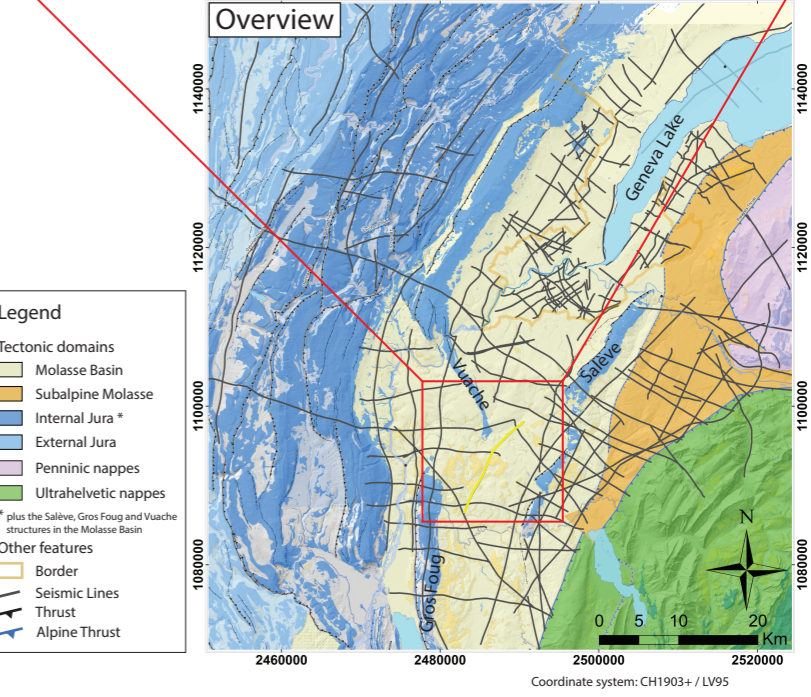
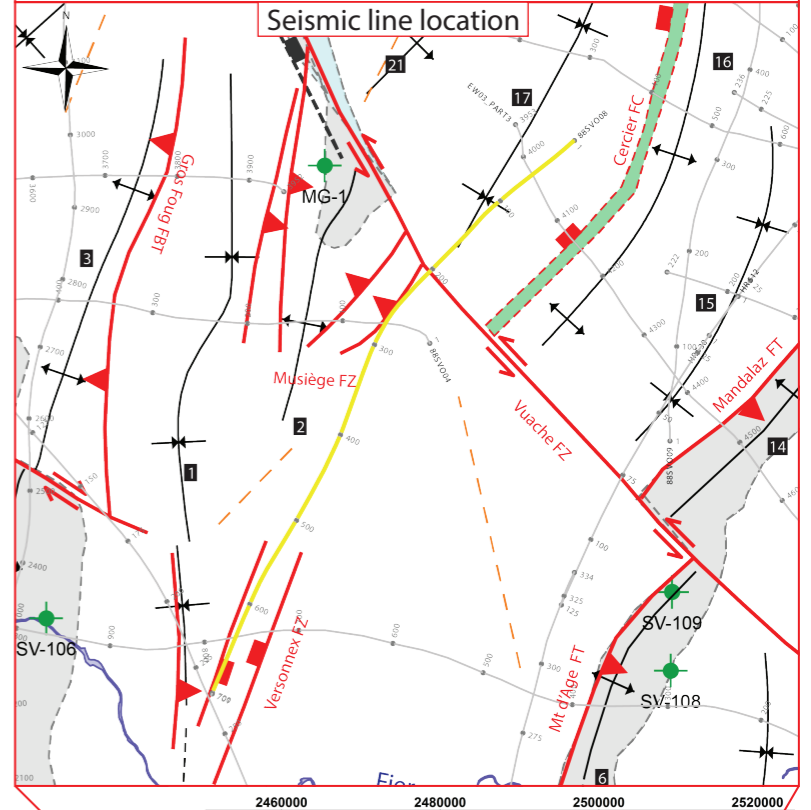
Areas

- Molasse Basin (Quaternary or Molasse outcrops)
- Mesozoic outcrops
- Cretaceous outcrops at the boundary between the Molasse Basin and the Jura fold and Thrust Belt

Legend

- Topo
- InCen
- nBCen
- nTDo
- nTKeu
- nBMes
- InPal

Scale: 0 km 2



Structural Interpretation

- Correlated fault stick (with intersection cross with other surveys)
- Non-correlated fault stick
- Conceptual fault stick
- Basal décollement zone
- Fault corridor boundary
- Major dip change line
- Fold axial surface

Stratigraphic Interpretation

- Horizon well defined / intra Paleozoic reflections / near Base Quaternary model (GESDEC)
- Horizons TWT at line intersections
- Projected perpendicular to the seismic line

Well abbreviation (Map and section)

- Savoie-106 SV-106
- Savoie-108 SV-108
- Savoie-109 SV-109
- Musiège-1 MG-1
- Unit.SFx (seismic facies name)
- Keu.SF3 (likely haalite dominated layer)
- Geometrical bedform and termination pattern

Other abbreviations

- Trace Seismic trace
- FZ Fault zone
- FC Fault corridor
- TWT Two way traveltime
- proj.s Projected Seconds
- nT near Top
- nB near Base
- Q Quaternary
- Cen Cenozoic
- UMa Upper Malm
- LMa Lower Malm
- Do Dogger
- Li Lias
- Keu Keuper
- Mus Muschelkalk
- Mes Mesozoic
- InPal Intra Paleozoic

Interval Velocities of Model 1 Rumilly Basin area (W of Vuache FZ)

- 3000 m/s Replacement Vint
- 3660 m/s Upper Cenozoic
- 4482 m/s Lower Cenozoic
- 5721 m/s Cretaceous + Malm
- 4851 m/s Dogger+ Lias
- 5172 m/s Triassic
- 5000 m/s Paleozoic

Interval Velocities of Model 1 GVA Molasse Basin NW of Salève FT (E of Vuache FZ)

- 3000 m/s Replacement Vint
- 3300 m/s Upper Cenozoic
- 4000 m/s Lower Cenozoic
- 5340 m/s Cretaceous + Malm
- 4520 m/s Dogger+ Lias
- 5101 m/s Triassic
- 5000 m/s Paleozoic

Legend

- Tectonic domains
 - Molasse Basin
 - Subalpine Molasse
 - Internal Jura *
 - External Jura
 - Penninic nappes
 - Ultrahelvet nappes
- Other features
 - Border
 - Seismic Lines
 - Thrust
 - Alpine Thrust