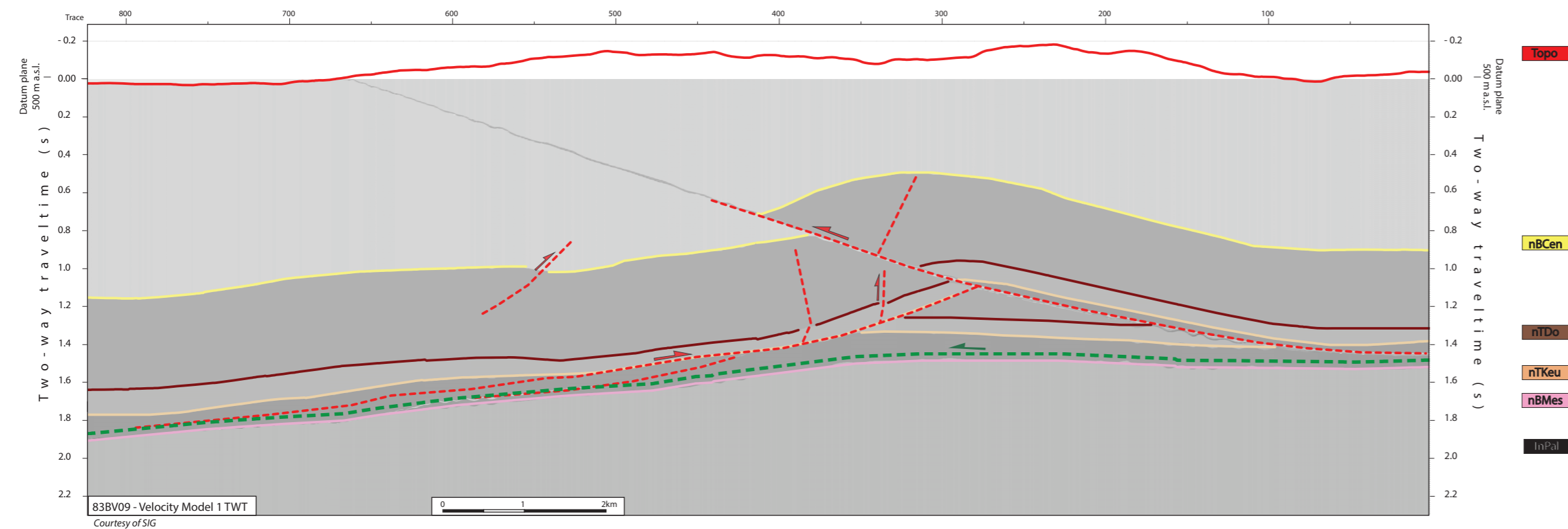
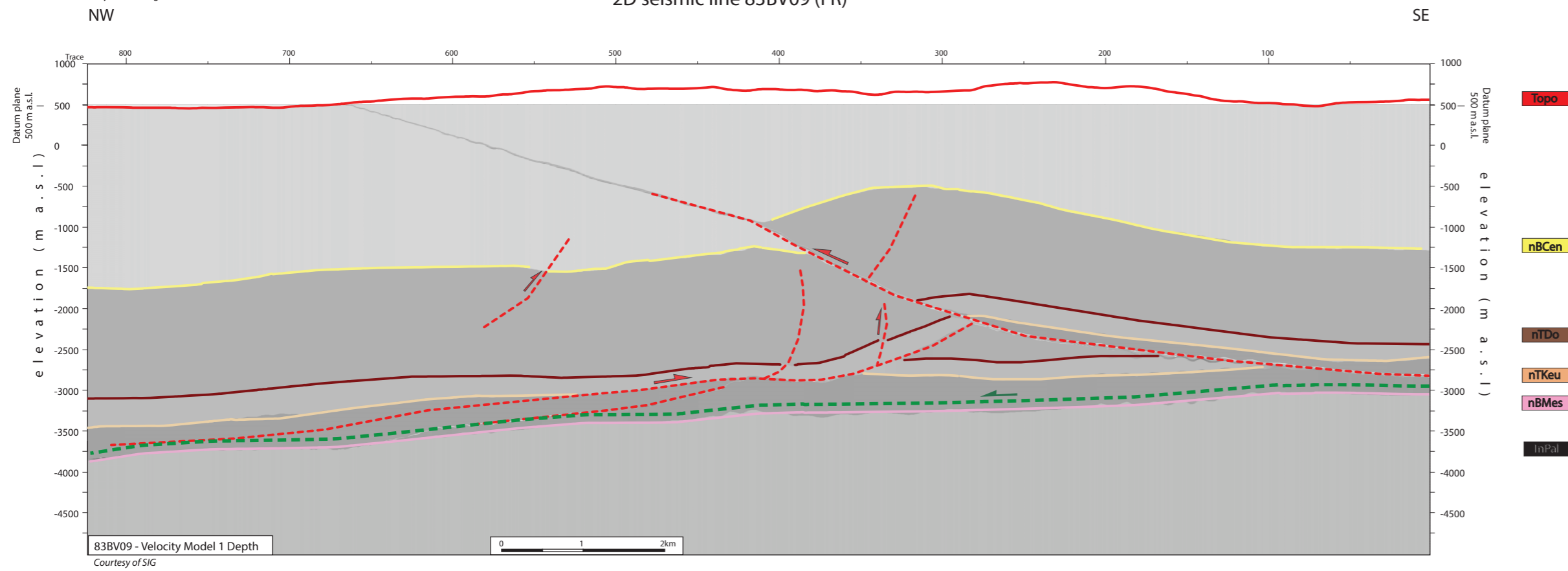


2D seismic line 83BV09 (FR)



**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 on 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**

- Amancy Anticline

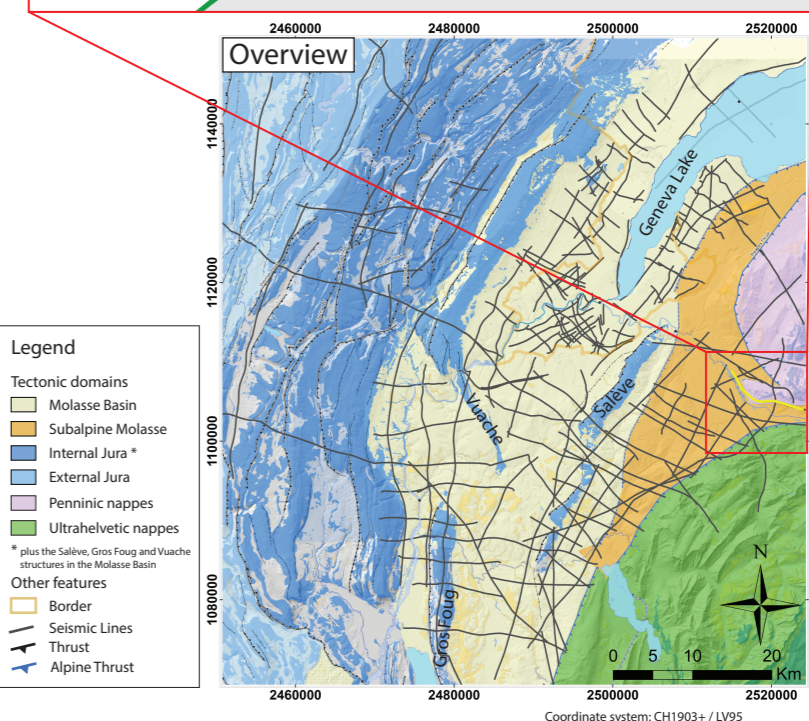
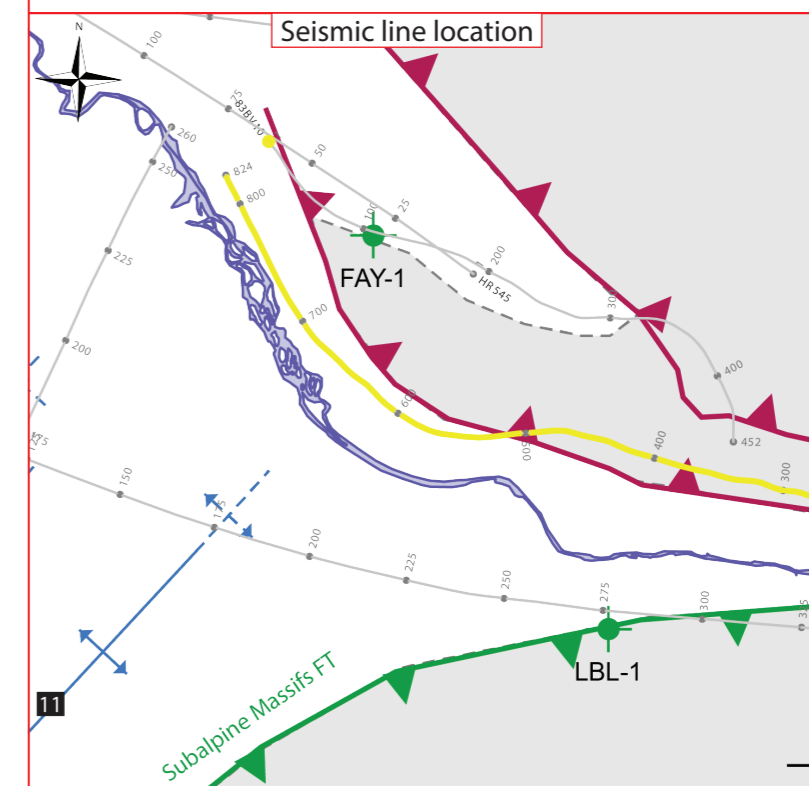
**Areas**

- 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
- nBCen
- nTDo
- nTKeu
- nBMes
- InPal

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

- Displacement vector pointing towards the observer
  - Displacement vector pointing away from the observer
  - Displacement vector during Cenozoic
  - Displacement vector during Jurassic
- Stratigraphic Interpretation**
- Horizon well defined
  - Horizon poorly 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)

La Balme-1 LBL-1  
 Faucigny-1 FAY-1

**Other abbreviations**

Trace	Seismic trace
FZ	Fault zone
FC	Fault corridor
TWT proj.	Two way traveltime Projected
s	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**  
 Subalpine Molasse area SE of Salève FT

3000 m/s	Replacement Vint
3300 m/s	Upper Cenozoic
3918 m/s	Lower Cenozoic
5617 m/s	Cretaceous + Malm
5132 m/s	Dogger+ Lias
6302 m/s	Triassic
5000 m/s	Paleozoic