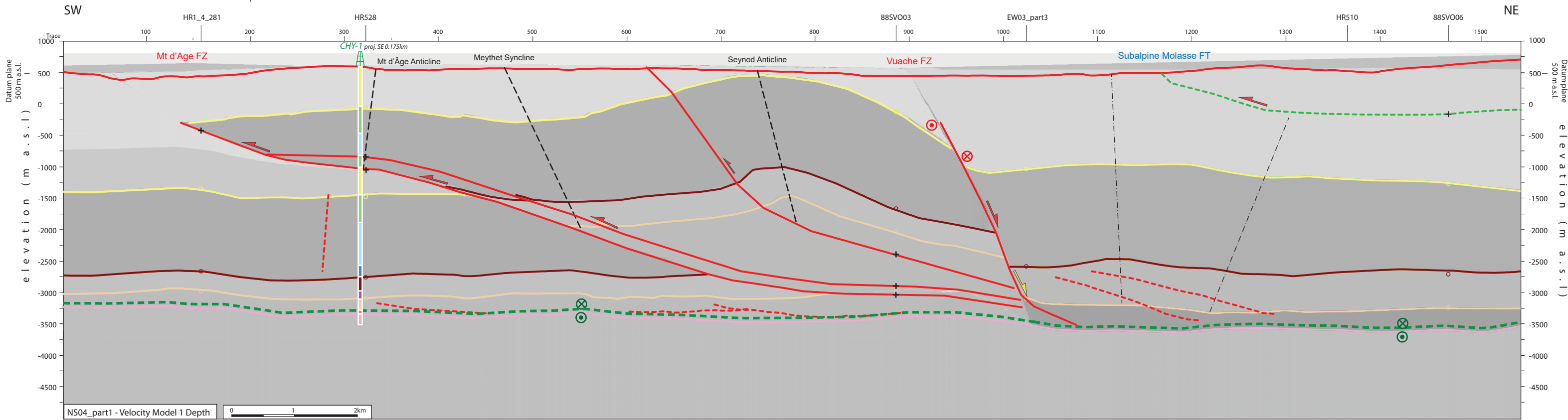


2D seismic line NS04_part1 (FR)



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

- Displacement vector pointing towards the observer
- Displacement vector pointing away from the observer
- Displacement vector during Cenozoic
- Displacement vector during Jurassic
- 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)

Chapery-1	CHY-1
Savoie-101	SV-101
Savoie-104	SV-104
Savoie-105	SV-105
Savoie-108	SV-108
Savoie-109	SV-109

Other abbreviations

Trace	Seismic trace
FZ	Fault zone
FC	Fault corridor
TWT	Two way traveltme
proj.	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

Well stratigraphy

Cenozoic & Quaternary
Lower Cenozoic (Eocene?)
Cretaceous
Upper Malm
Lower Malm (Oxfordien)
Dogger
Liassic
Keuper
Muschelkalk
Paleozoic

Interval Velocities of Model 1 Rumilly Basin area (SW 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 Subalpine Molasse area NE of Vuache FZ

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

- 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
- FT: Frontal Thrust
- FBT: Frontal Back Thrust
- FZ: Fault Zone
- FC: Fault Corridor

Other features

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

- Fold Names
- 2 Musiège Anticline
 - 6 Mt d'Âge Anticline
 - 7 Meythet Syncline
 - 8 Seynod Anticline
 - 9 Villaz Syncline
 - 14 Mandalaz Anticline
 - 20 Veyrier 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

