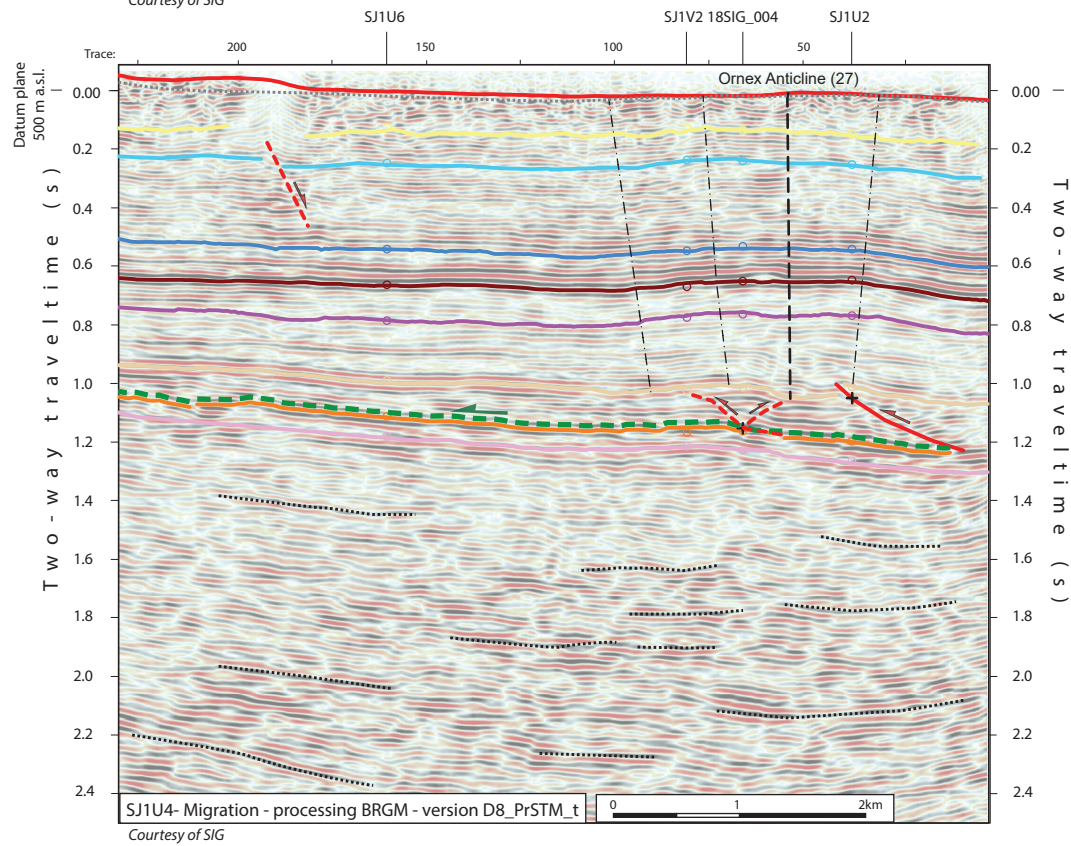
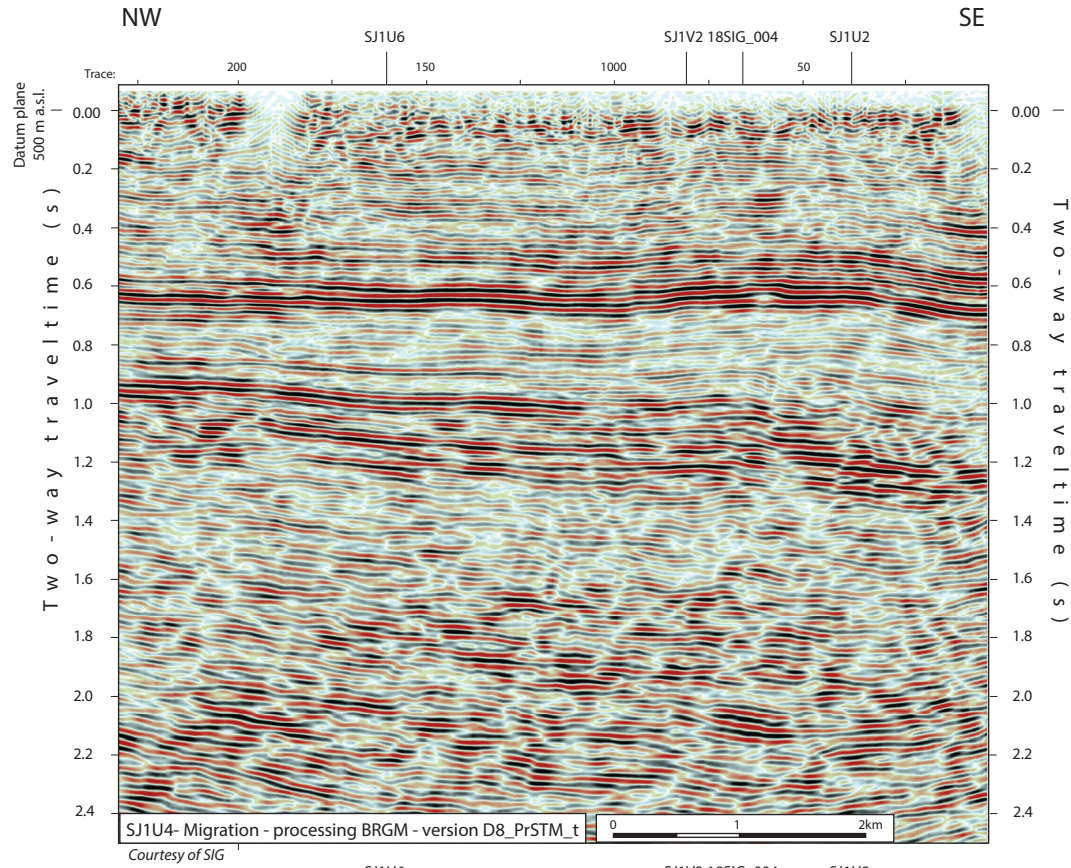


2D seismic line SJ1U4 (FR)



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

- 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)

Crozet	Fc
Grilly	Fg
Gex CD-01	GEX-1
Gex CD-02	GEX-2
Gex CD-07	GEX-7
L 132	L 133
L 135	L 135

Other abbreviations

Trace	Seismic trace
FZ	Fault zone
FC	Fault corridor
TWT	Two way travelttime
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

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

- 25** Saint - Genis Syncline
- 26** CERN Anticline
- 27** Ornex Anticline
- 28** Versonnex 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

