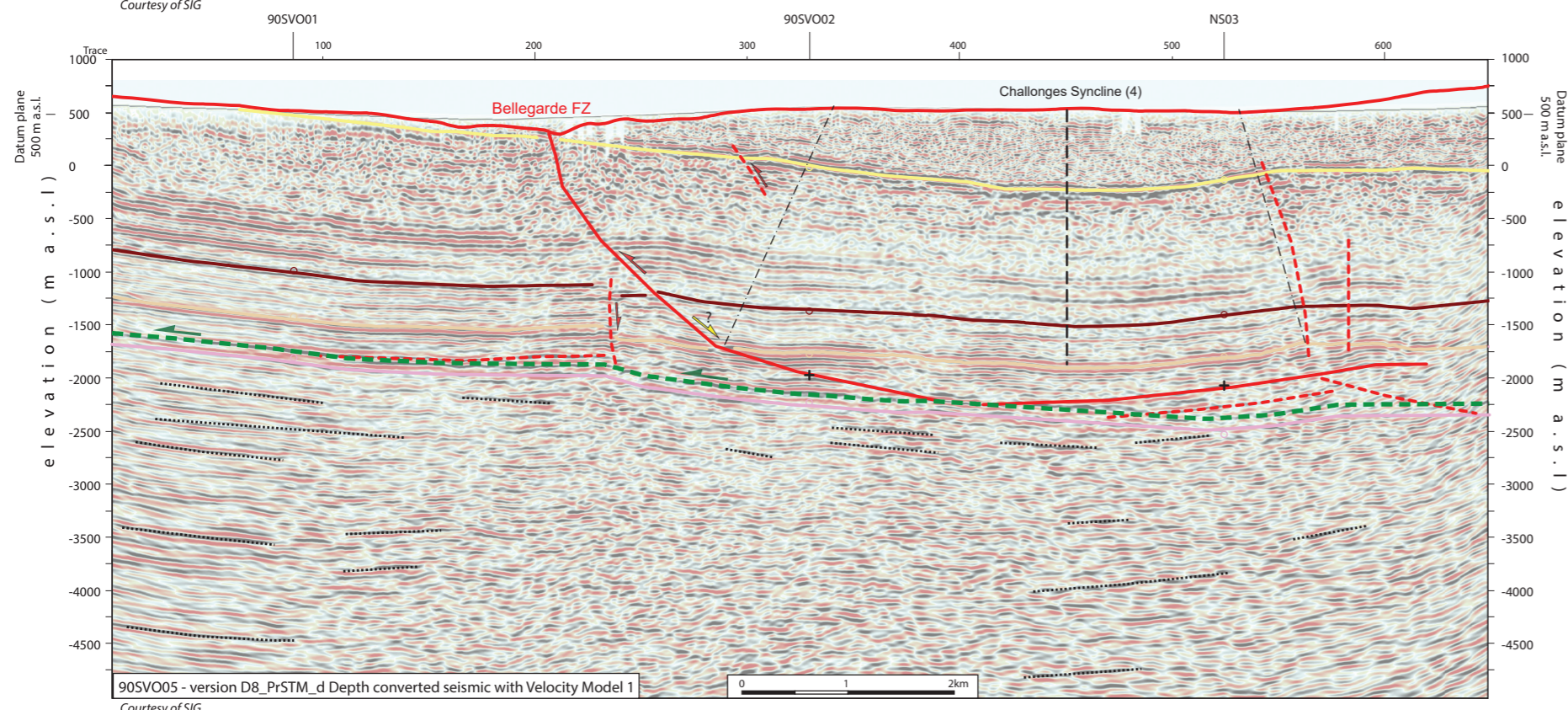
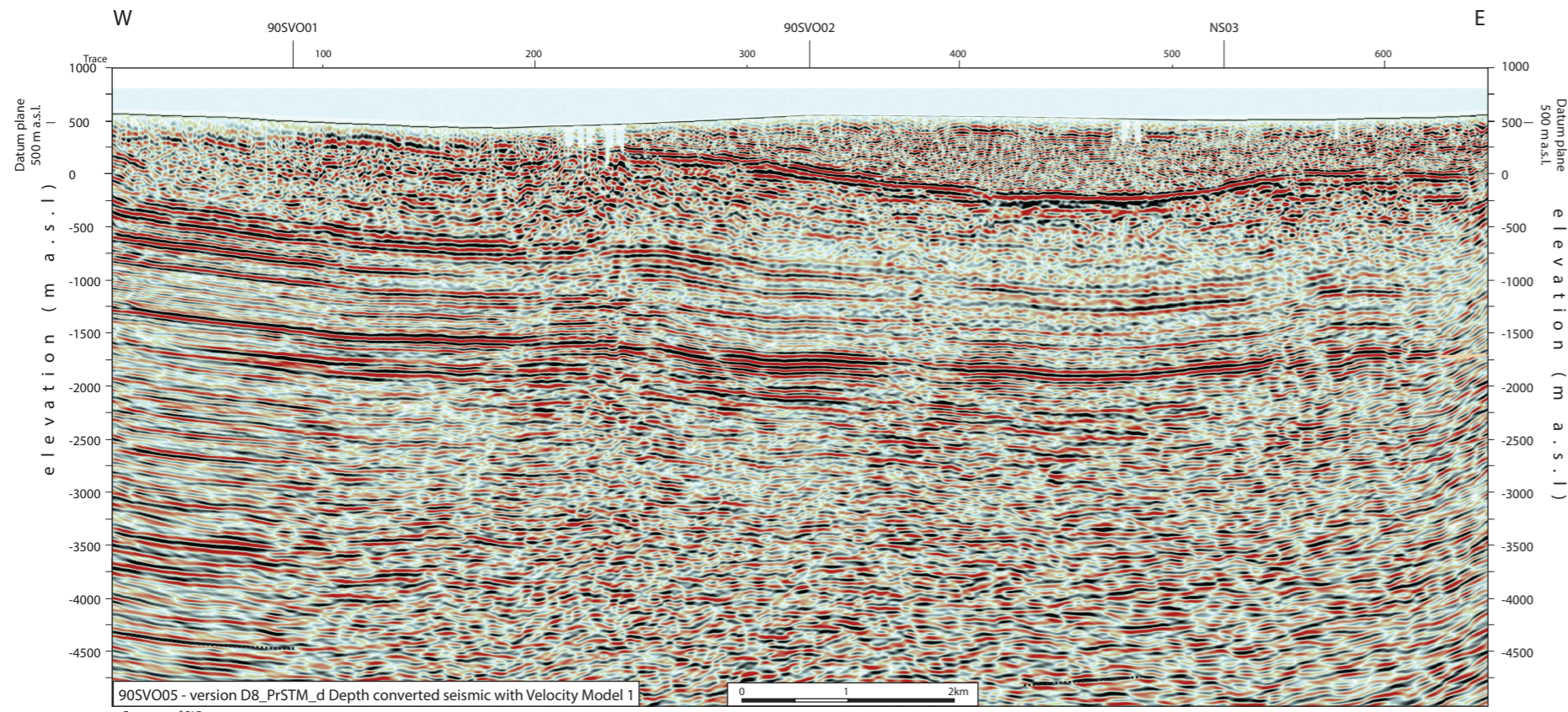


2D seismic line 90SVO05 (FR)



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

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 on 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

**Fold Names**

- 1** Frangy Syncline
- 2** Mt des Princes Anticline
- 4** Challenges Syncline

**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

**Other features**

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

Scale: 0 km 2

