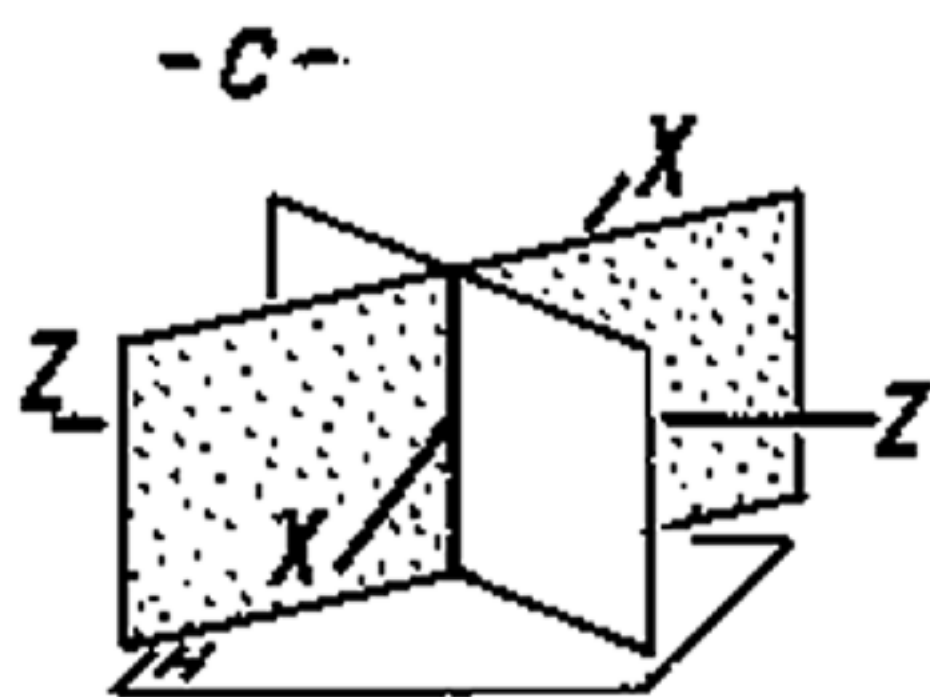
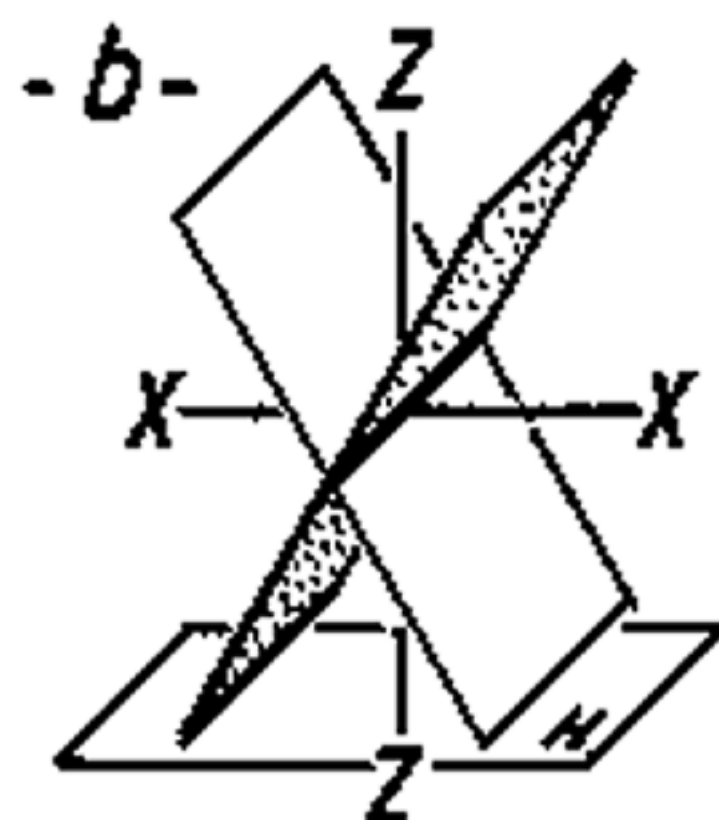
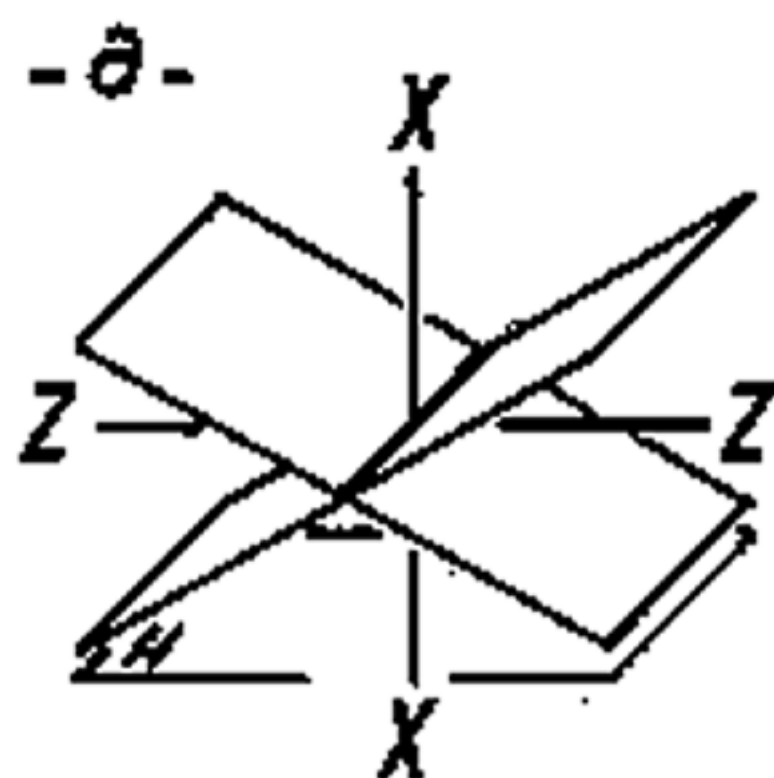
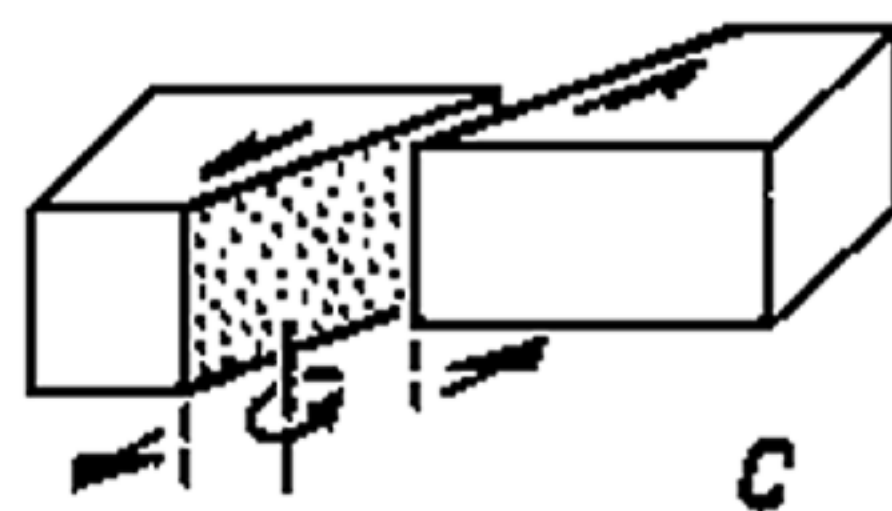
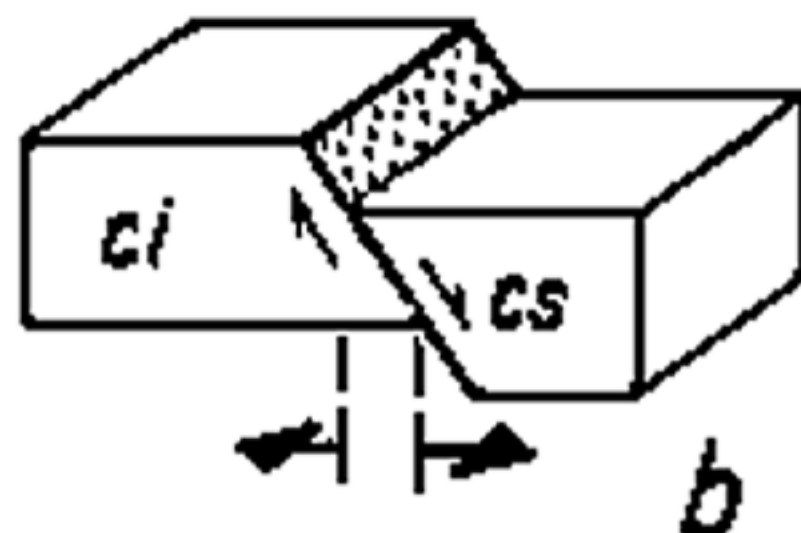
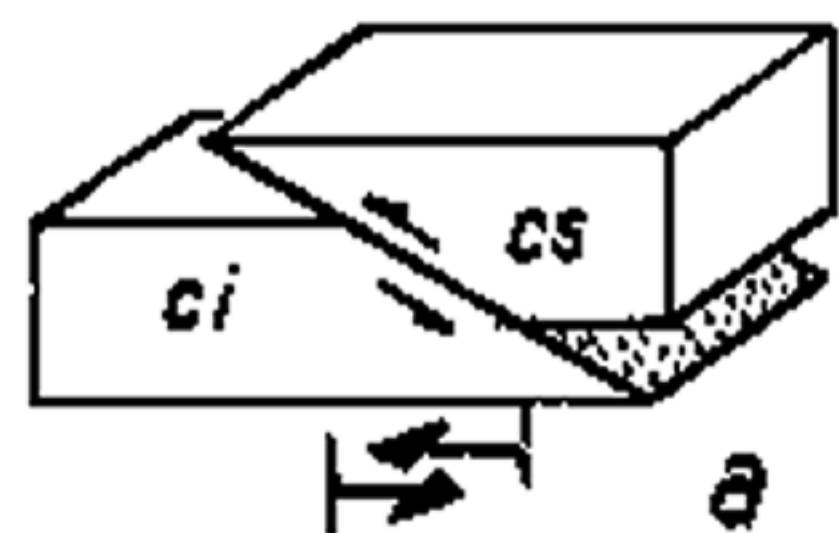


Les Failles

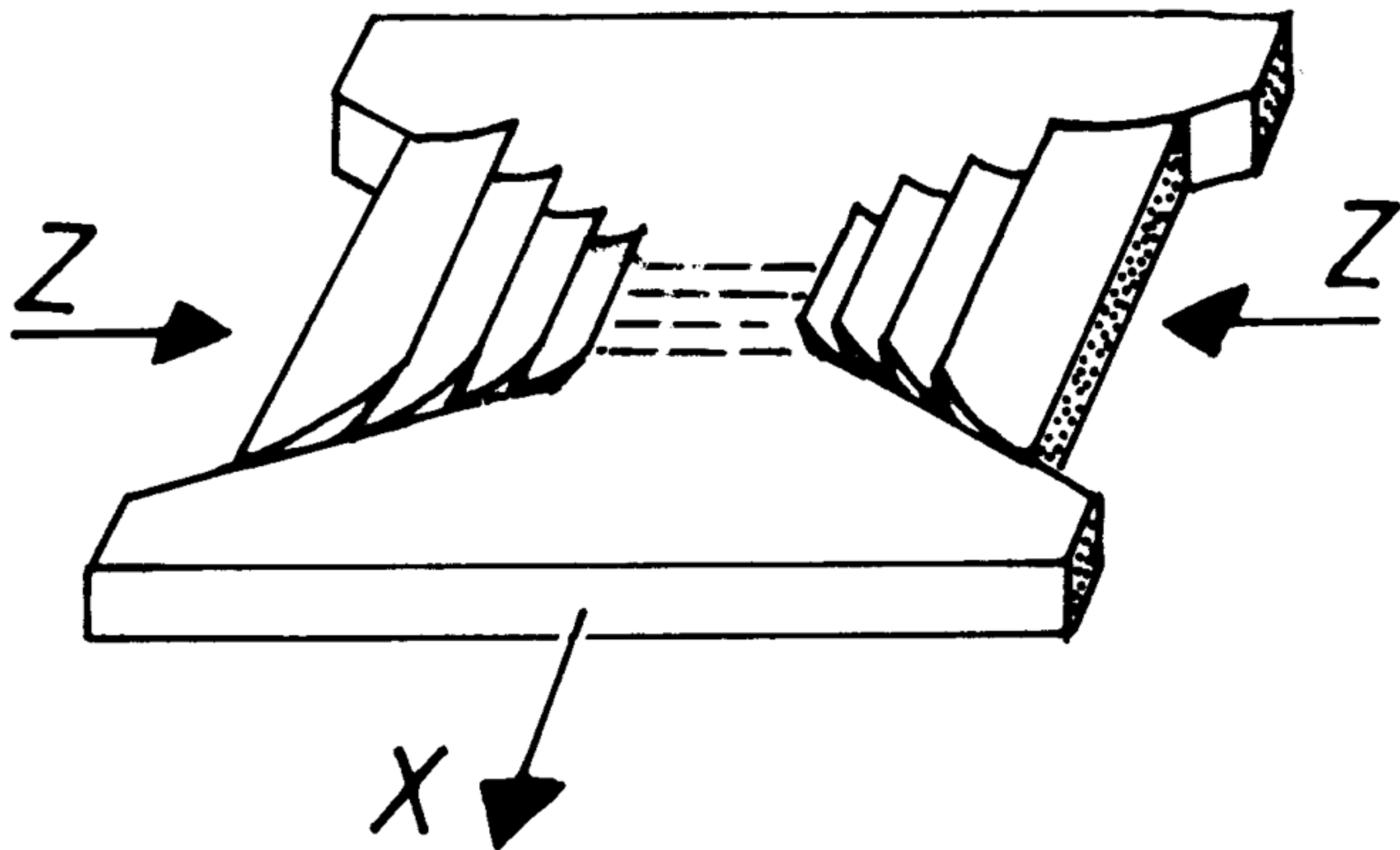
conférence (version 2012)

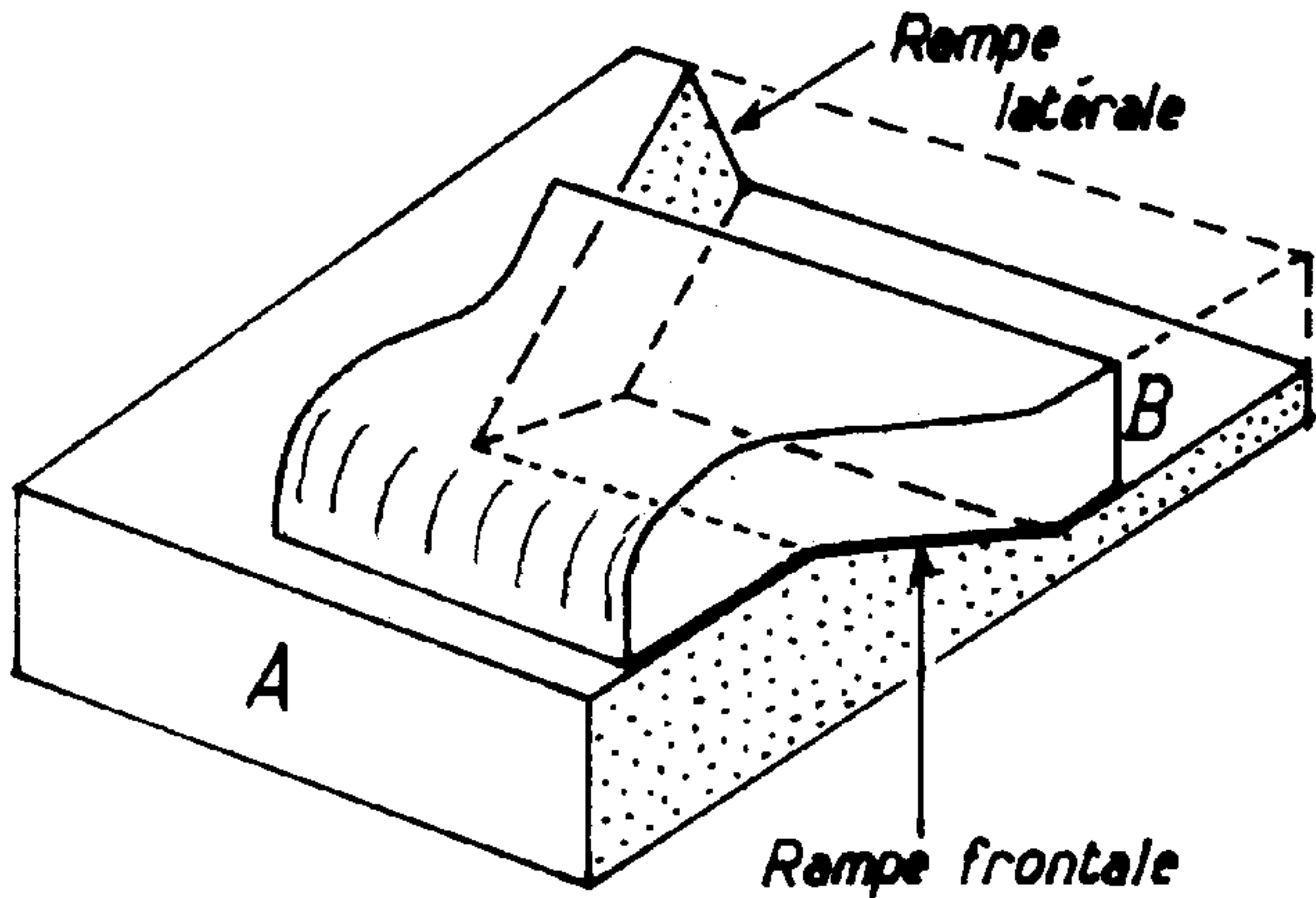




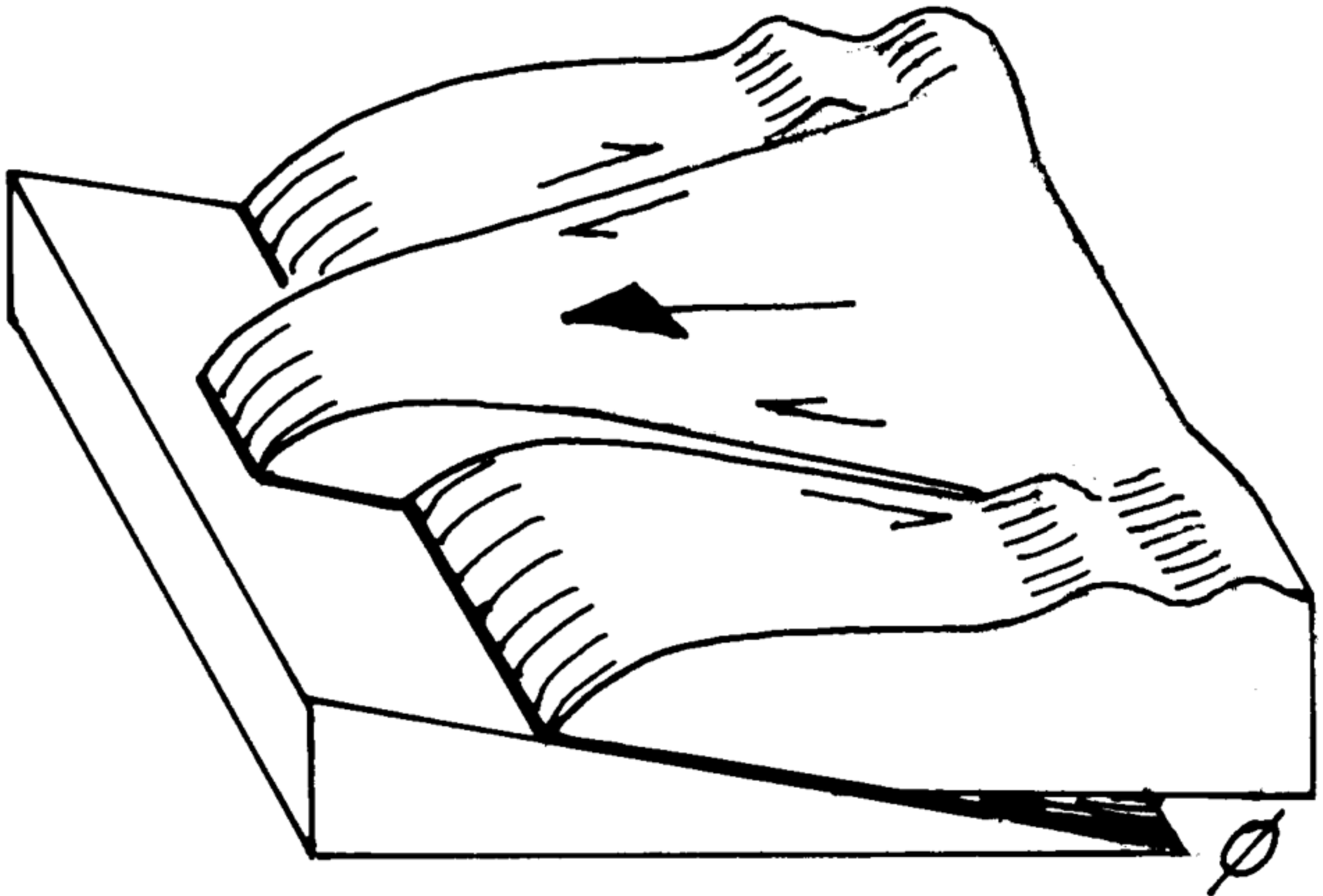
- b -

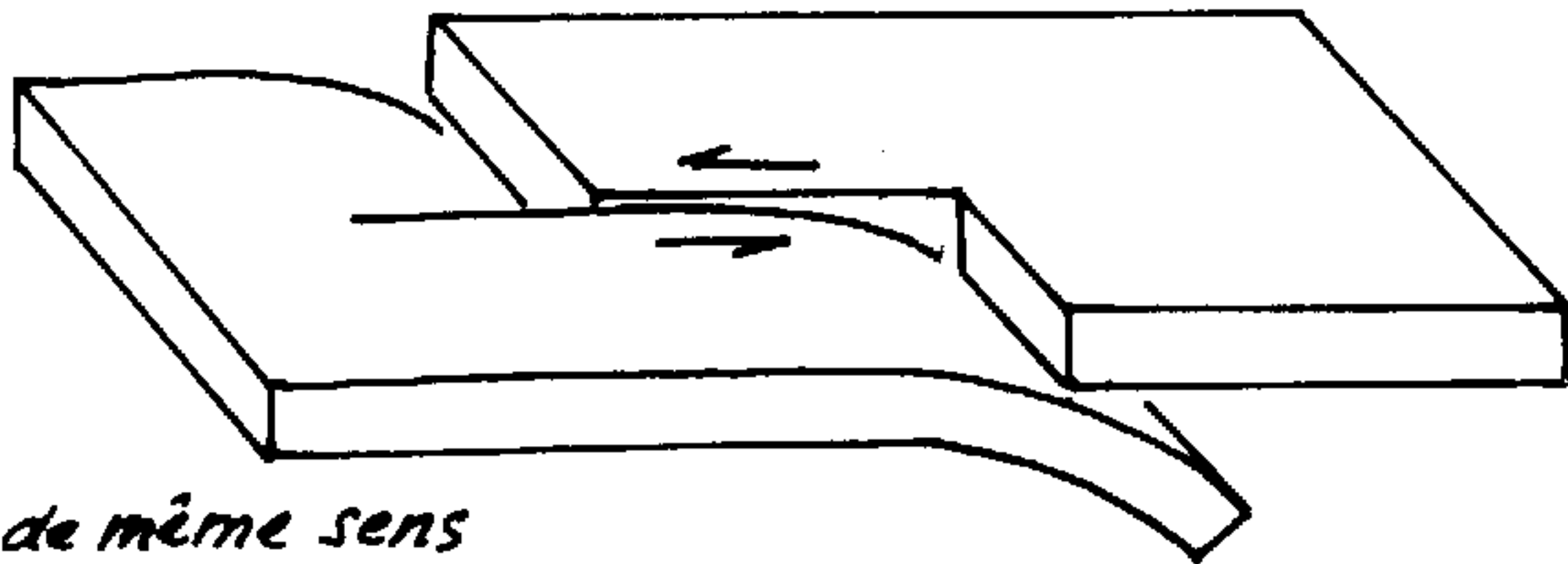
x



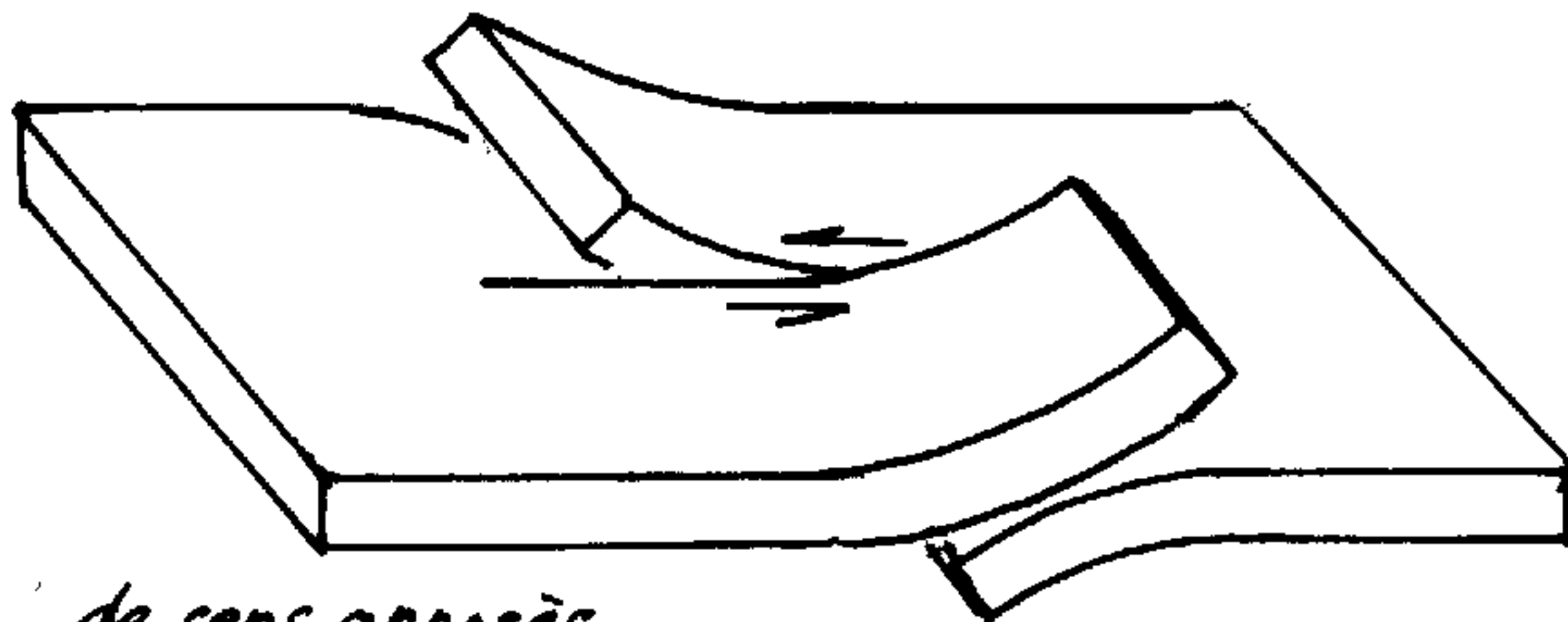


C - Déchirures associées à un chevauchement





de même sens



de sens opposés

Les failles :

Rapports

Failles -reliefs

nd erⁿ commandement"

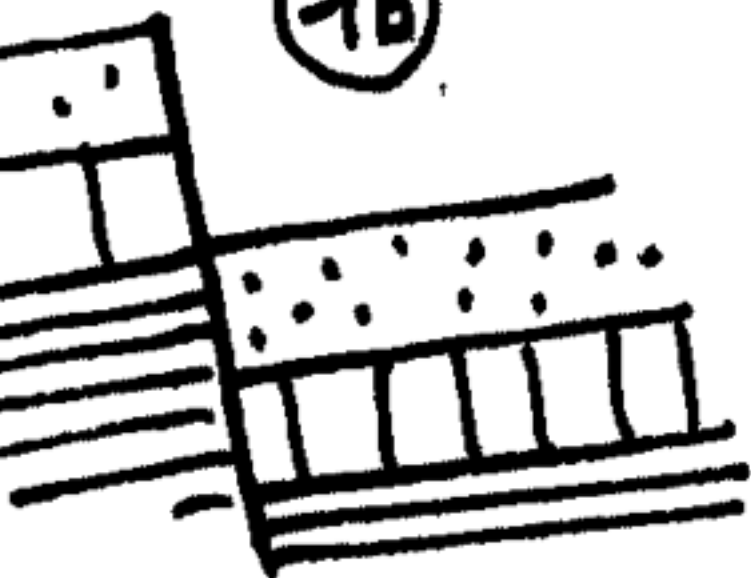
1a



2a



1b



2b

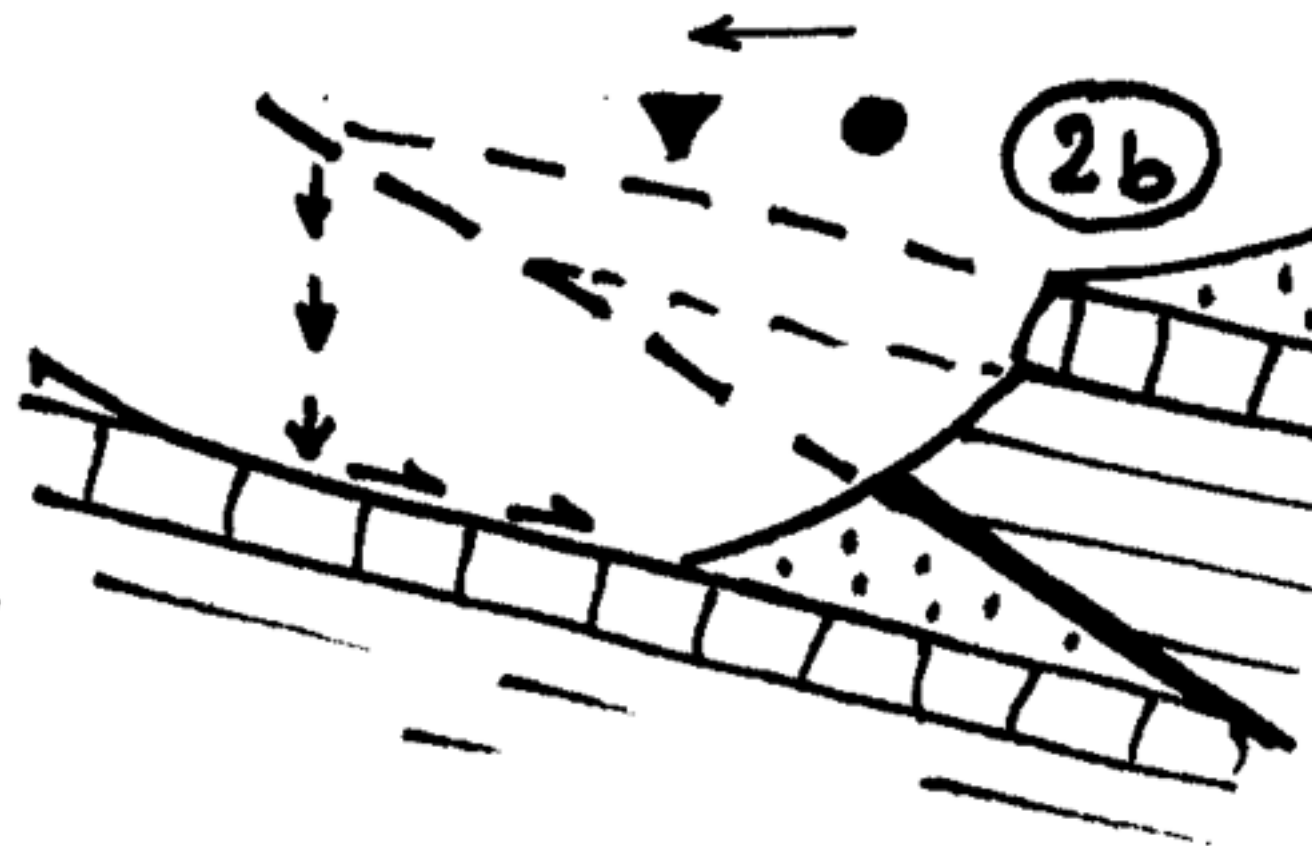
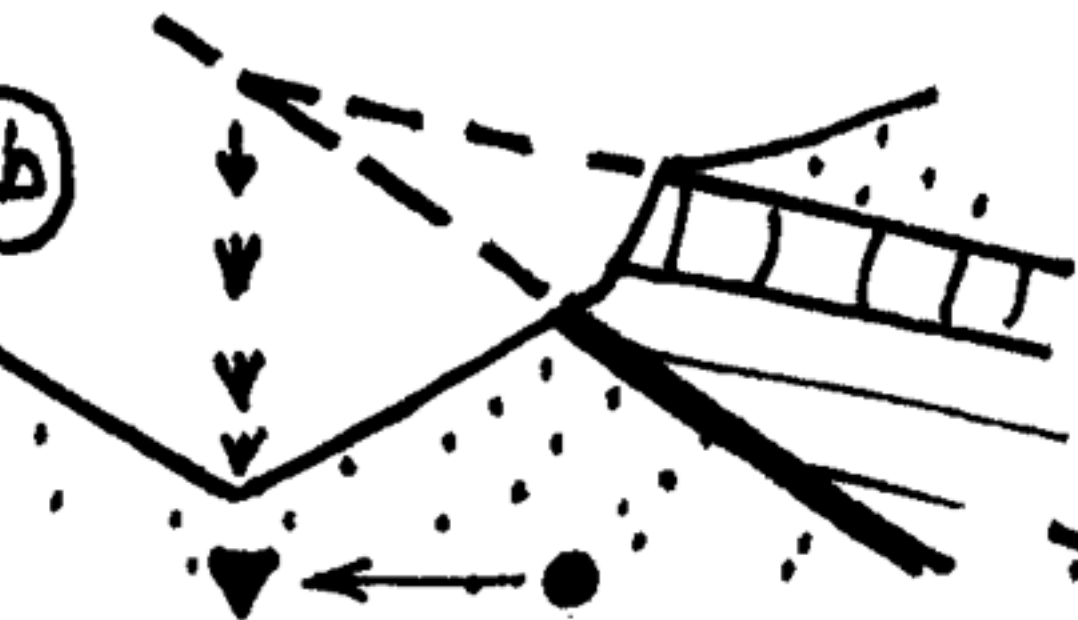
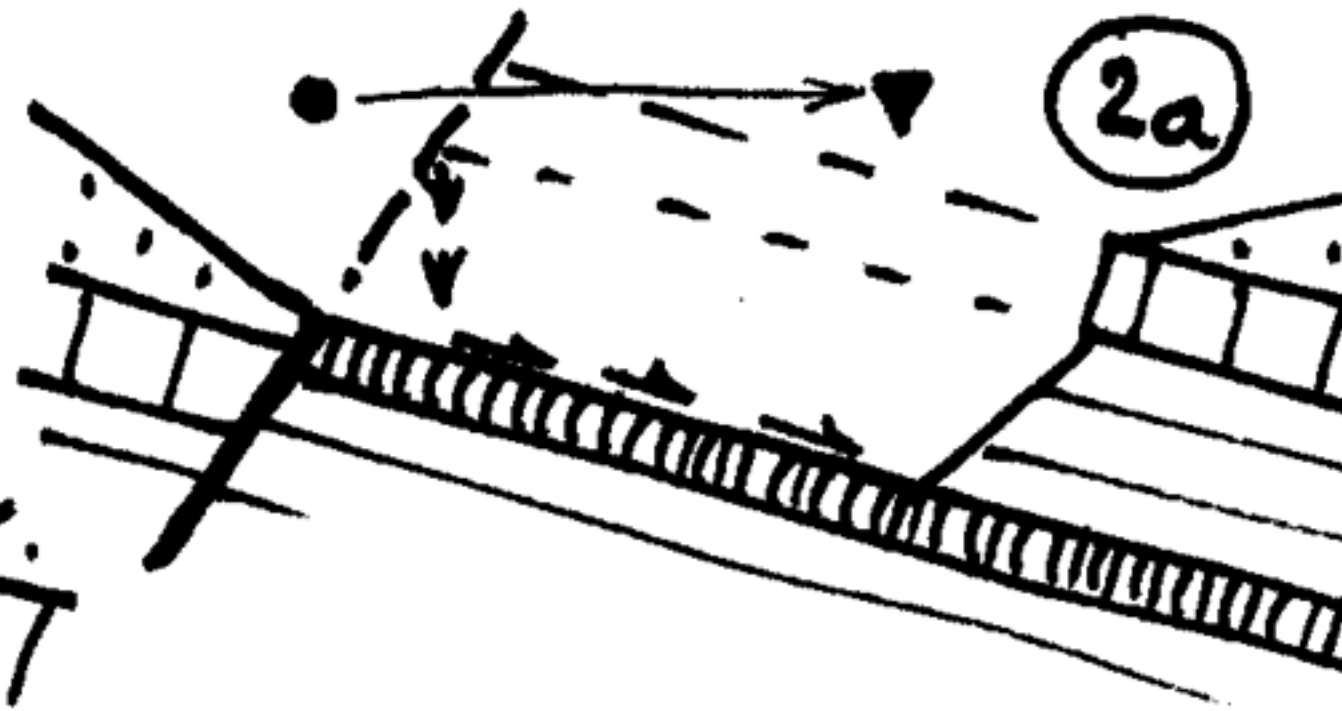
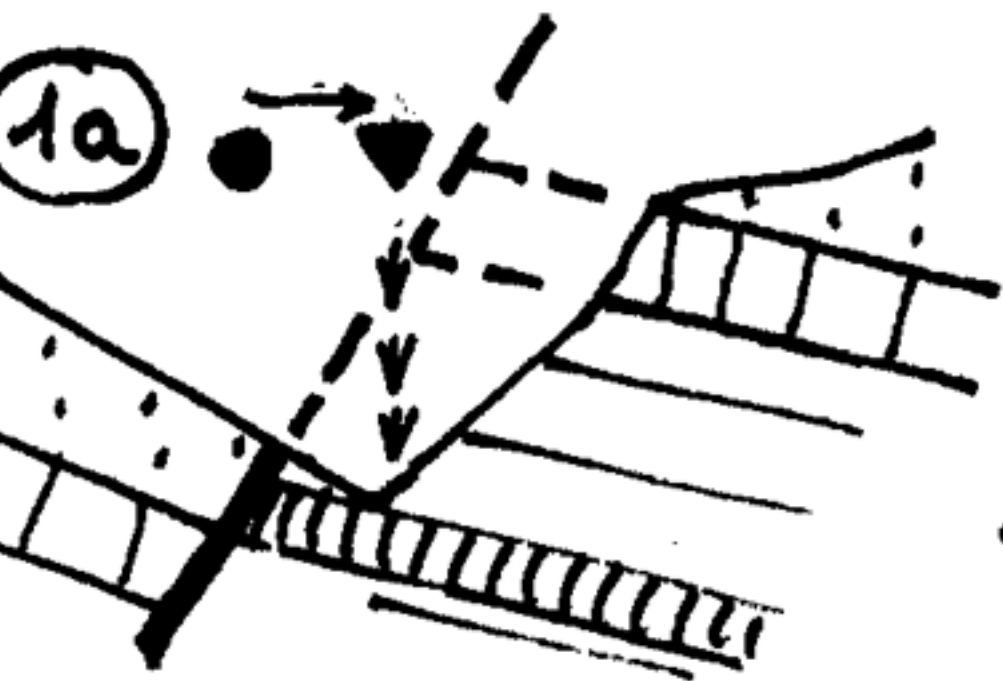


2b'

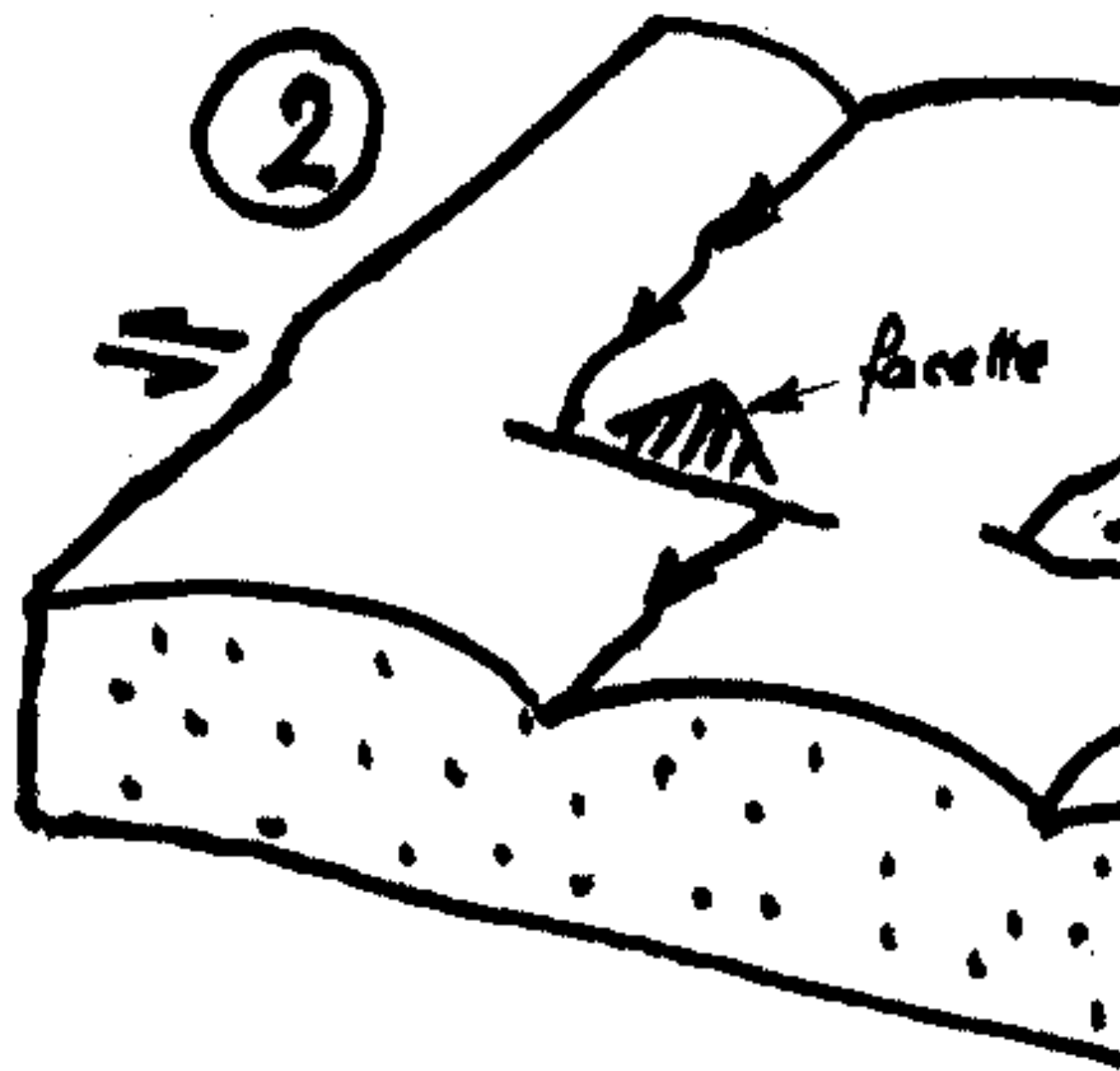
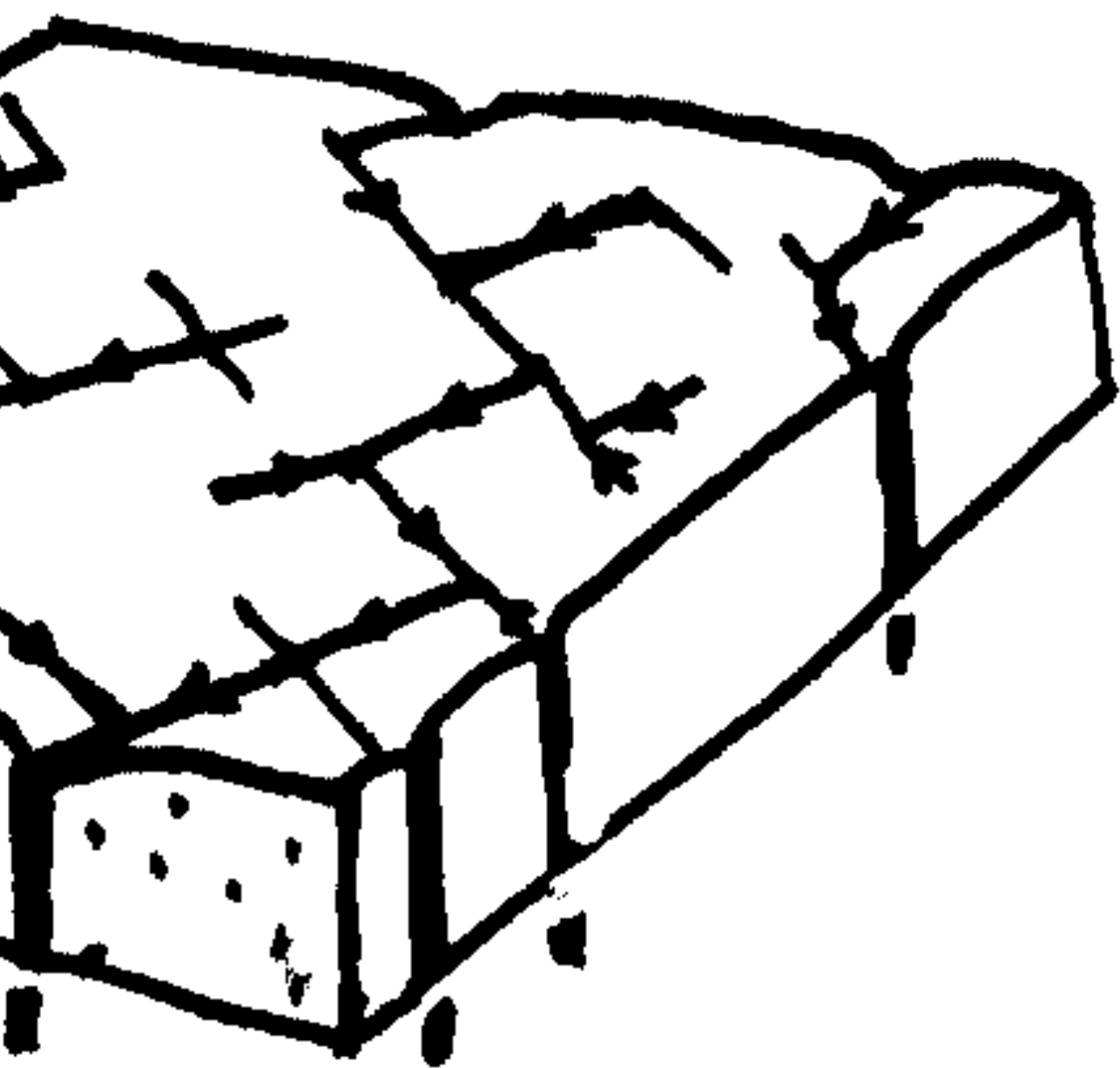


2b''

Abrupts et vallées dérivées



du réseau hydrographique



Les failles :

Rapports

plissement

- fracturation

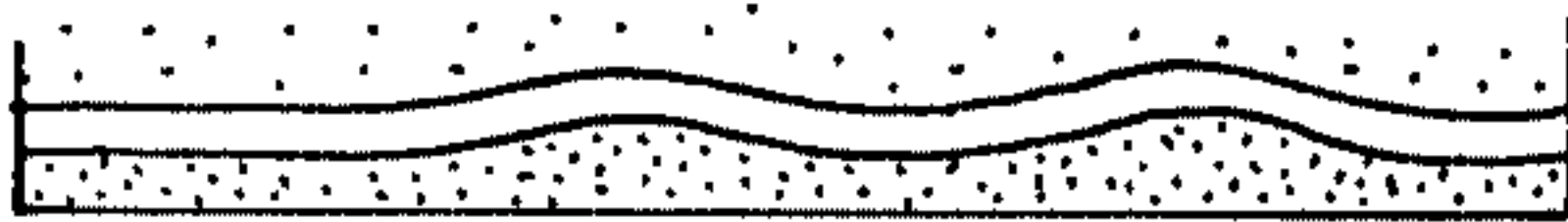
Les failles :

Rapports entre failles et plis

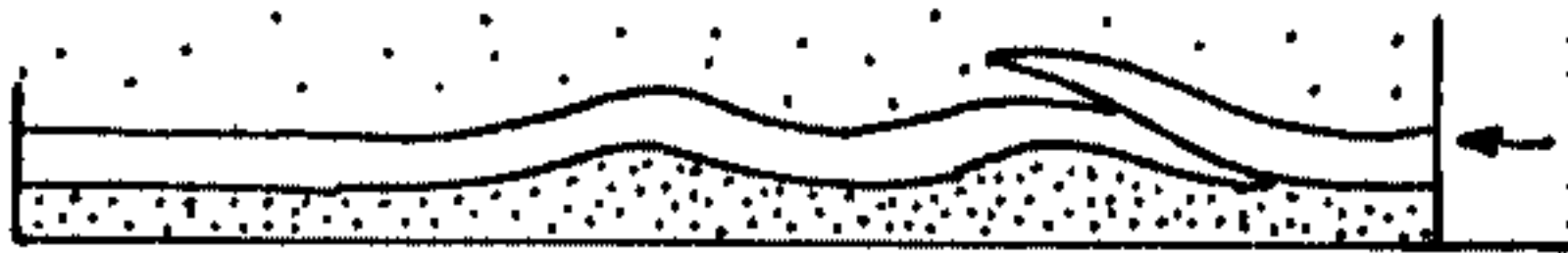
***Plis et
failles inverses***

Plis et failles développés
concurrentement

1



2

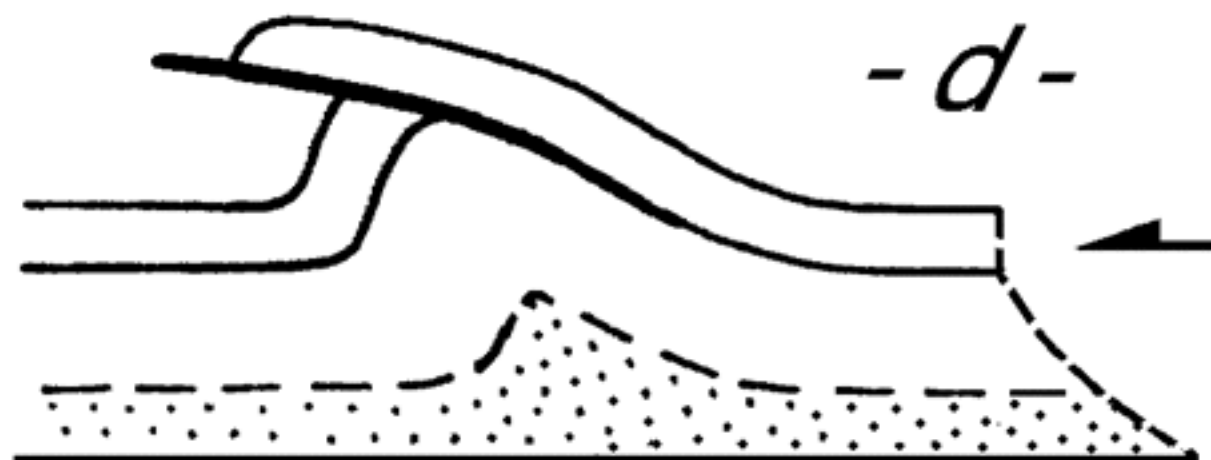
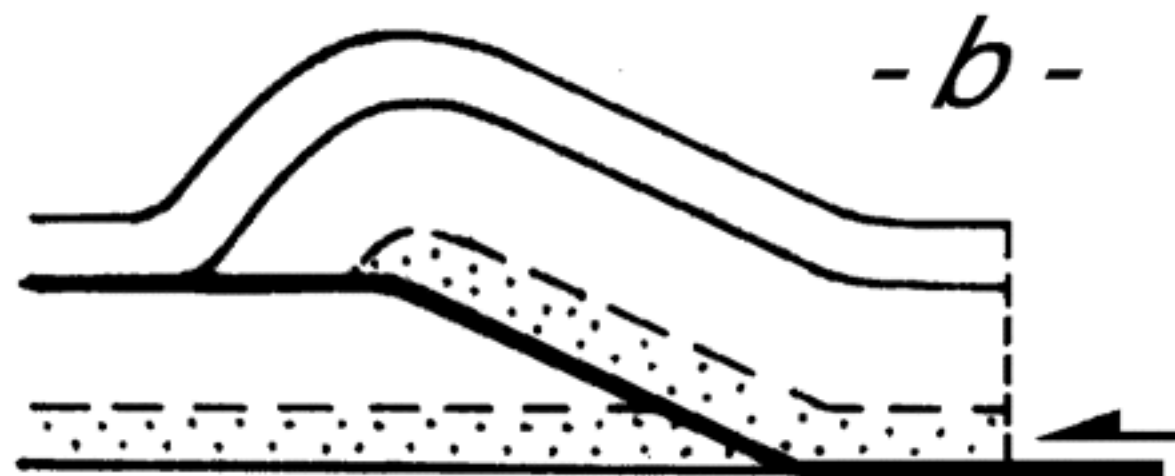
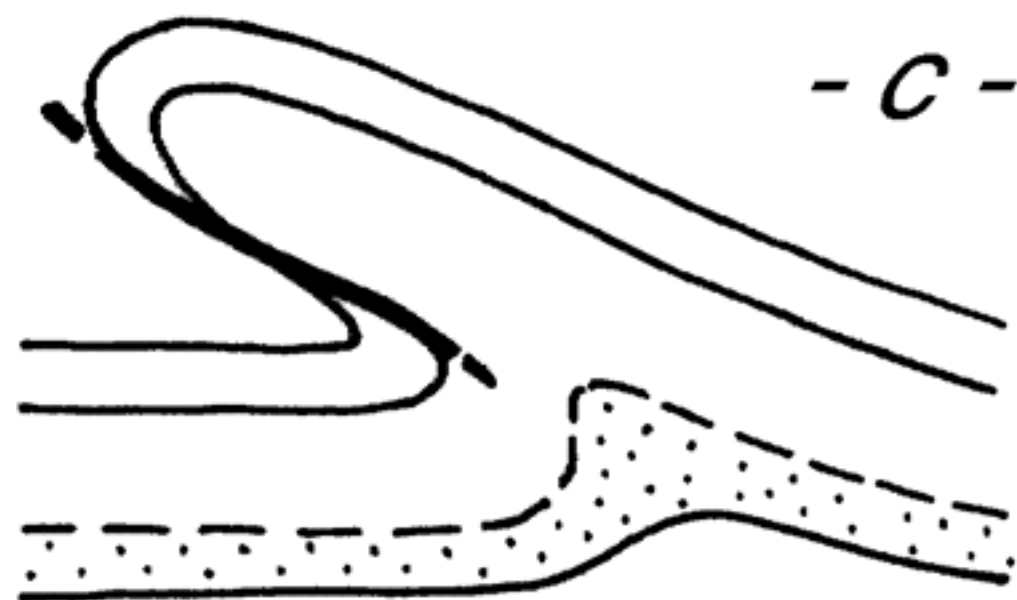
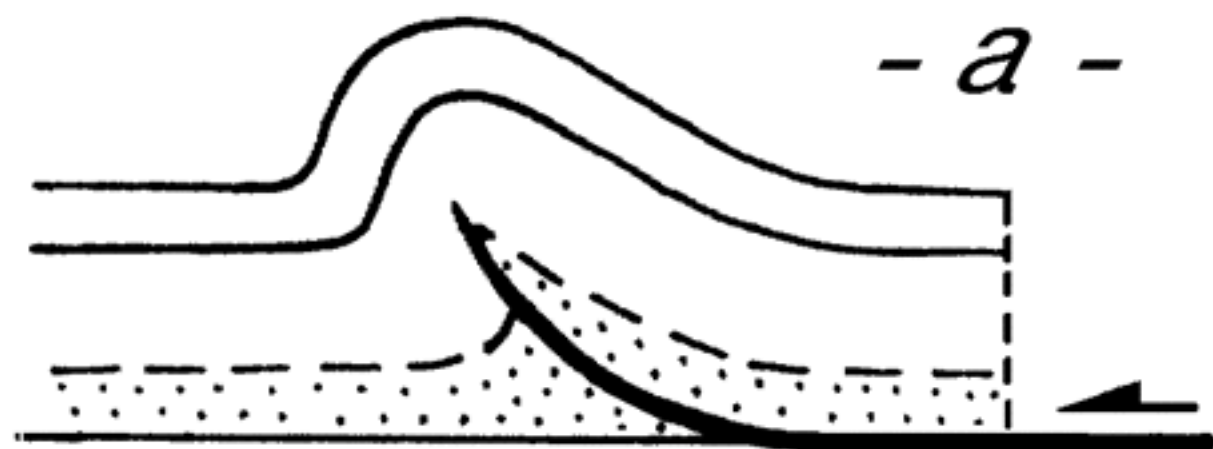


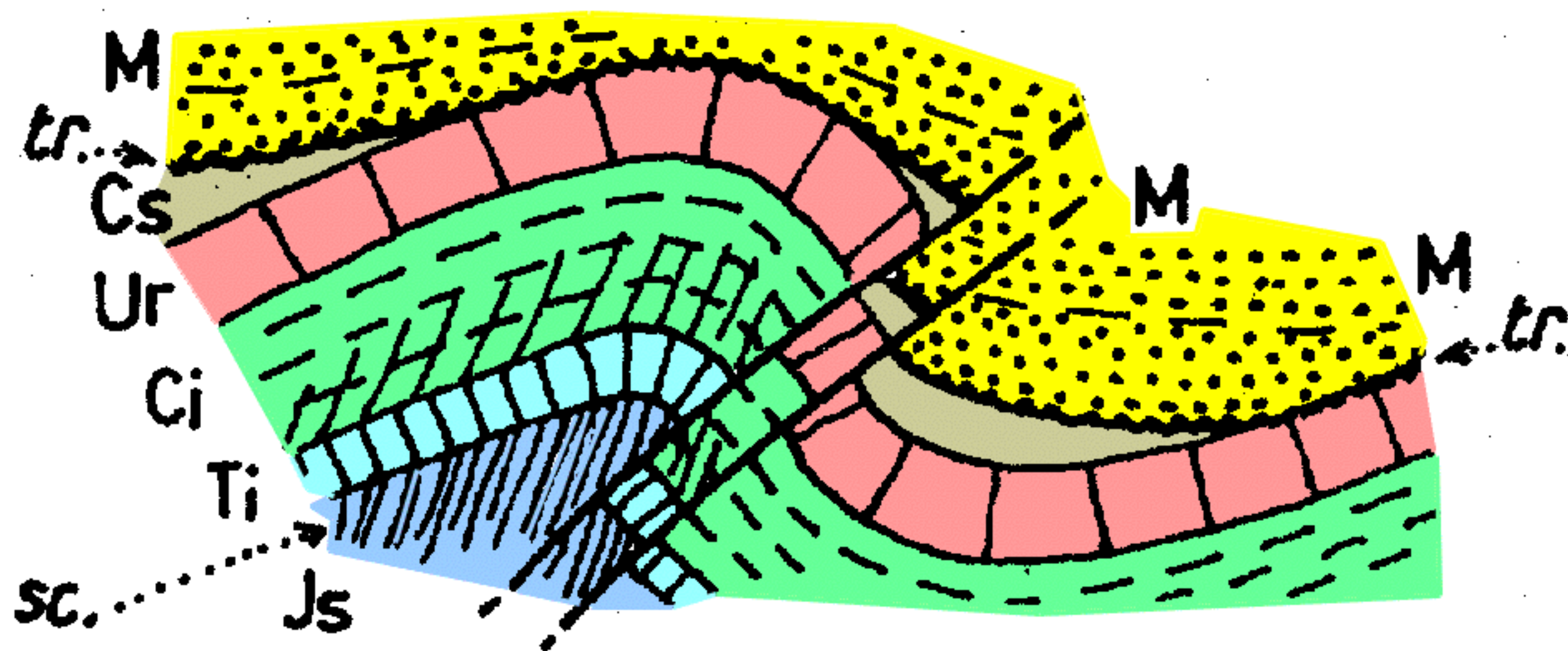
3



4

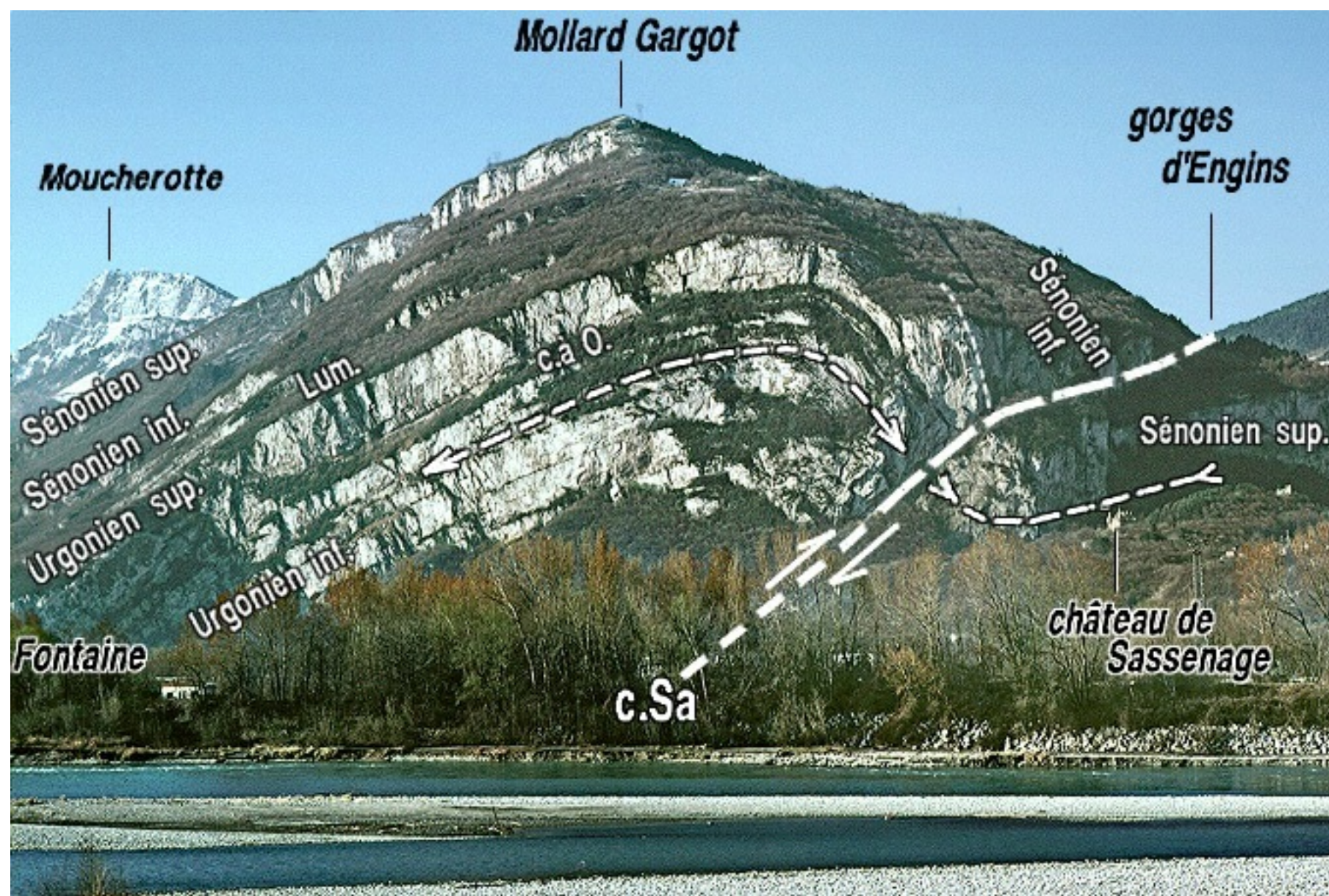


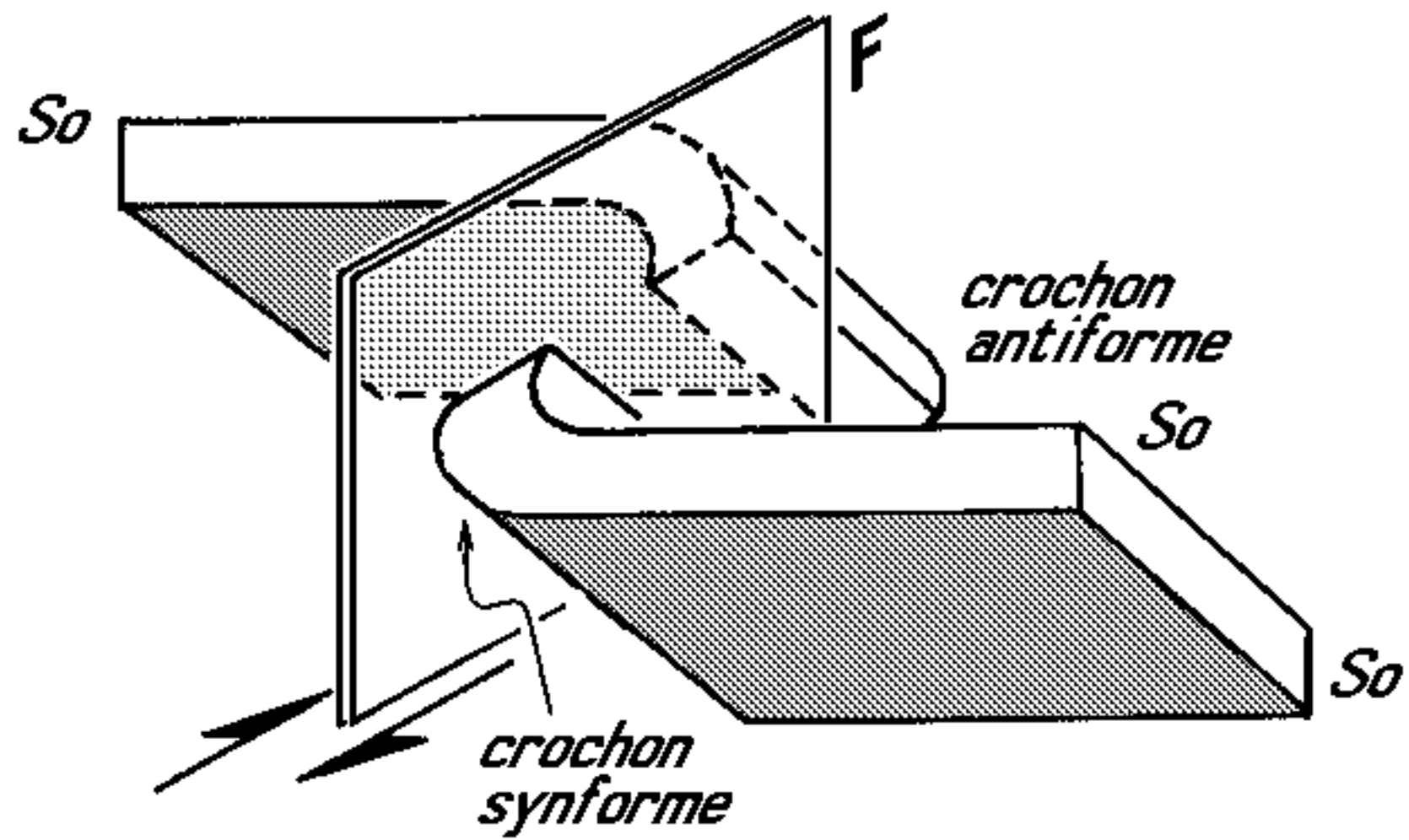




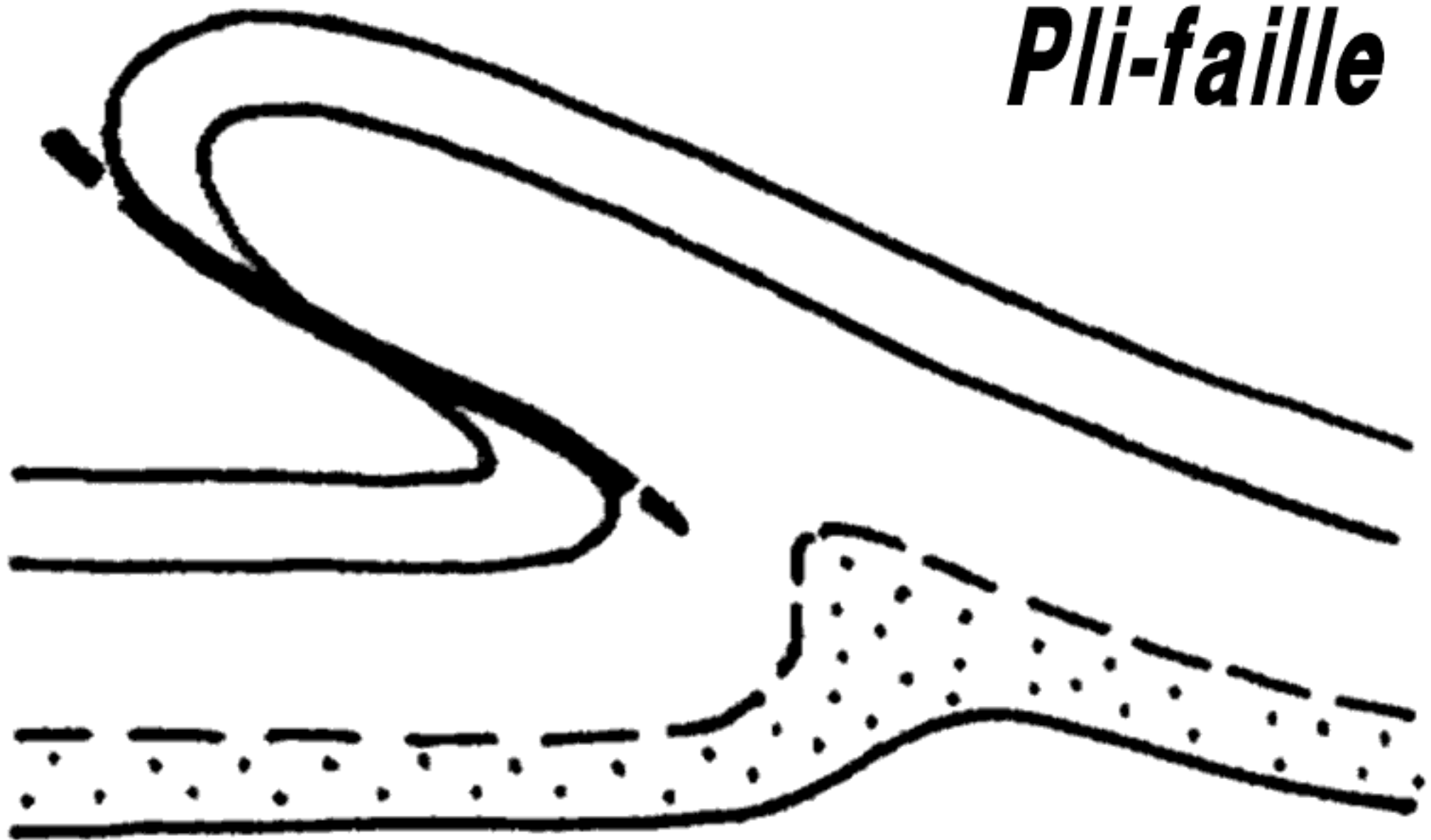
Pli rompu par faille inverse (coupe du Guiers Mort aval)







Pli-faille



CHARTREUSE ORIENTALE

LES GANDY

ϕ''
OI

ϕ'
Sé

ϕ_3
Us

ant. de l'Écoutoux

Le Boucherin
921

Be

Ti

Sé

Us

S. des Gandy

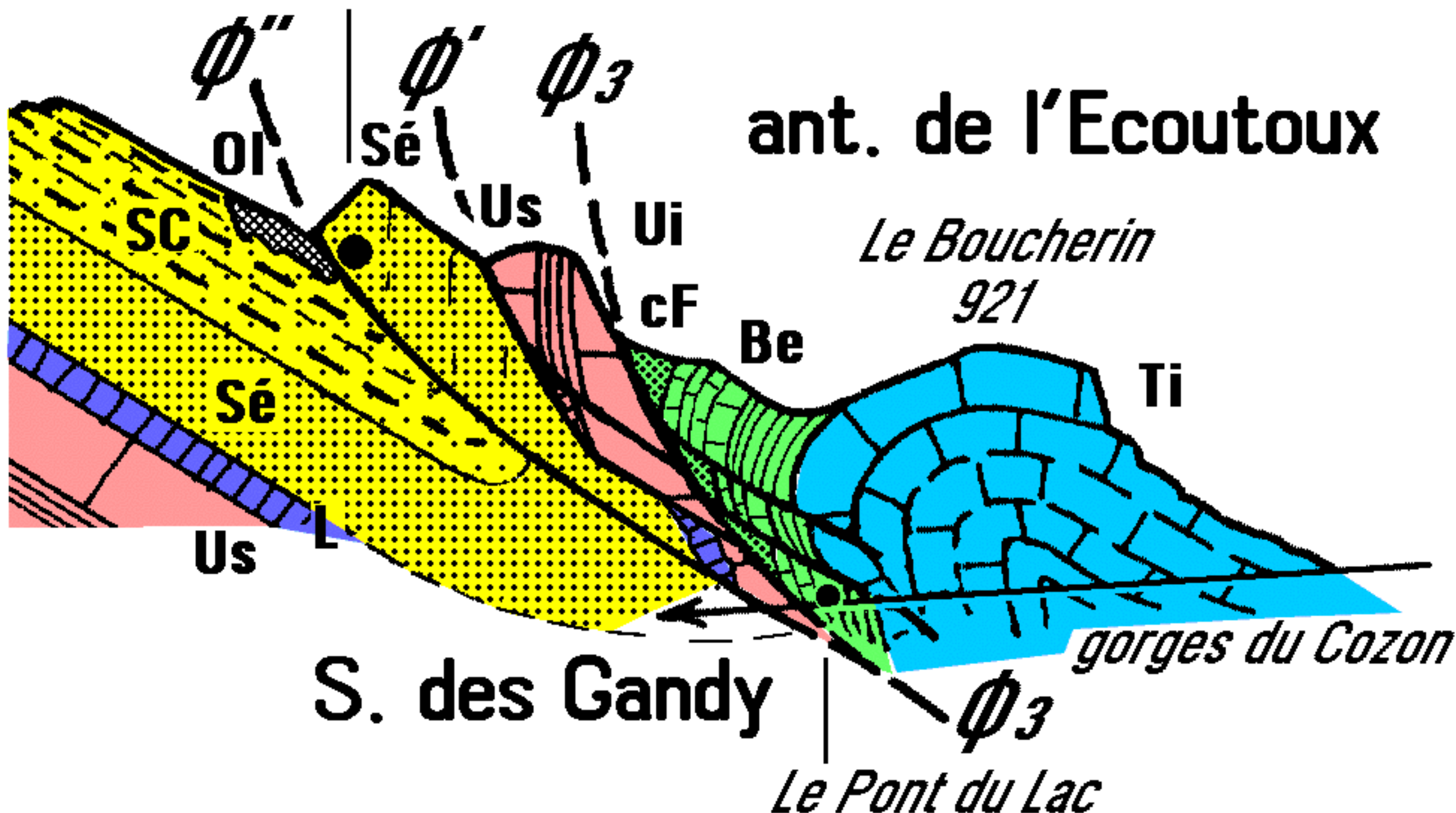
ϕ_3

Le Pont du Lac

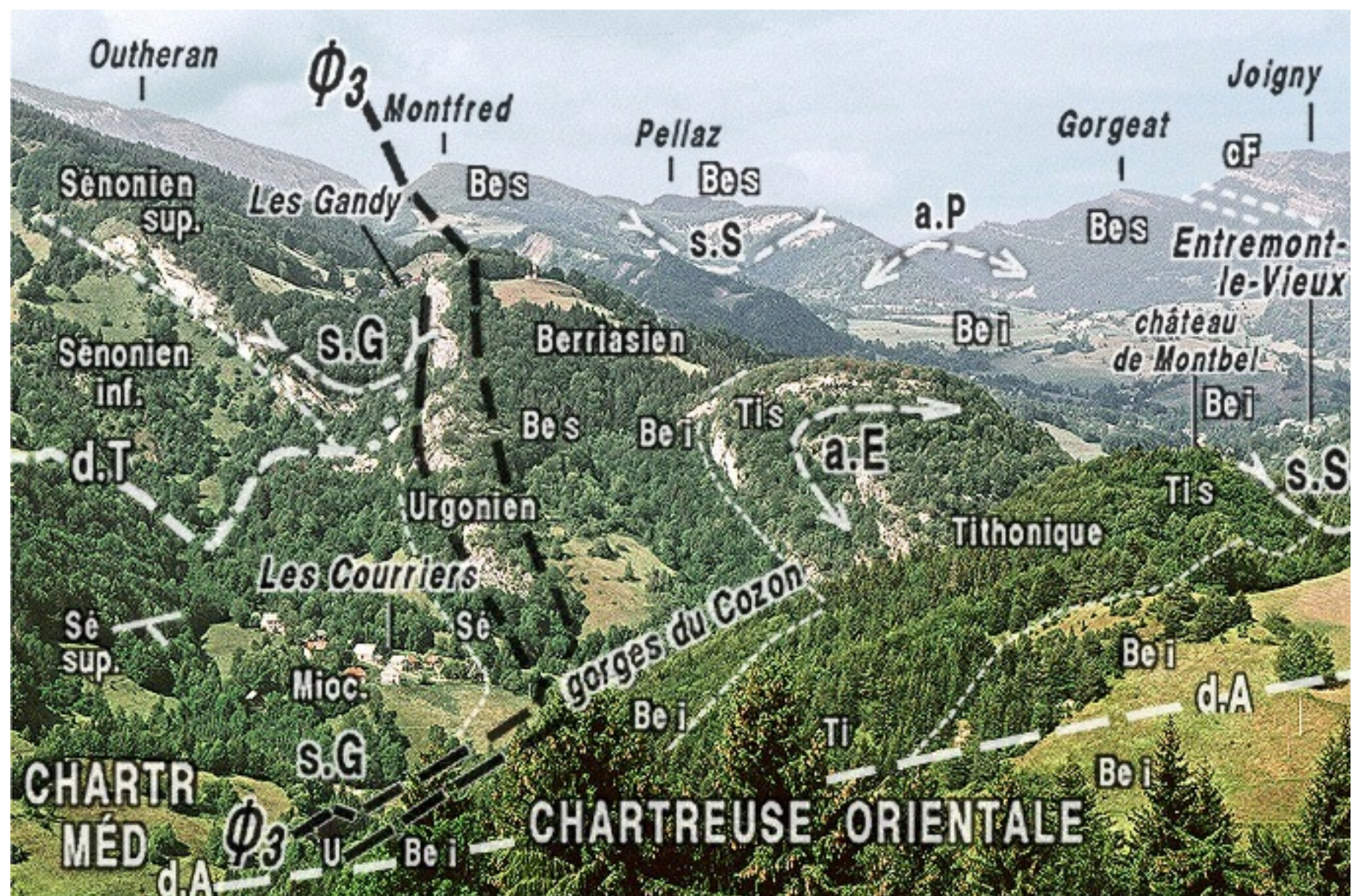
gorges du Cozon

CHARTREUSE MÉDIANE

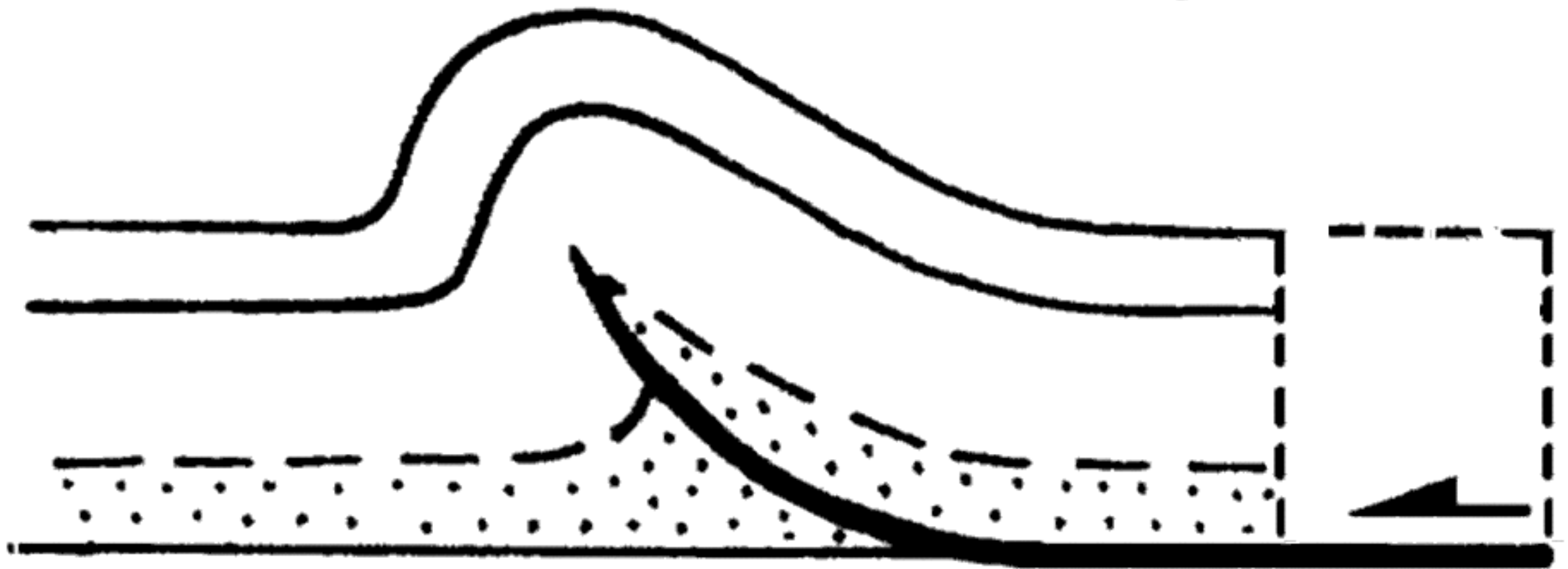
200 m







Pli de progression



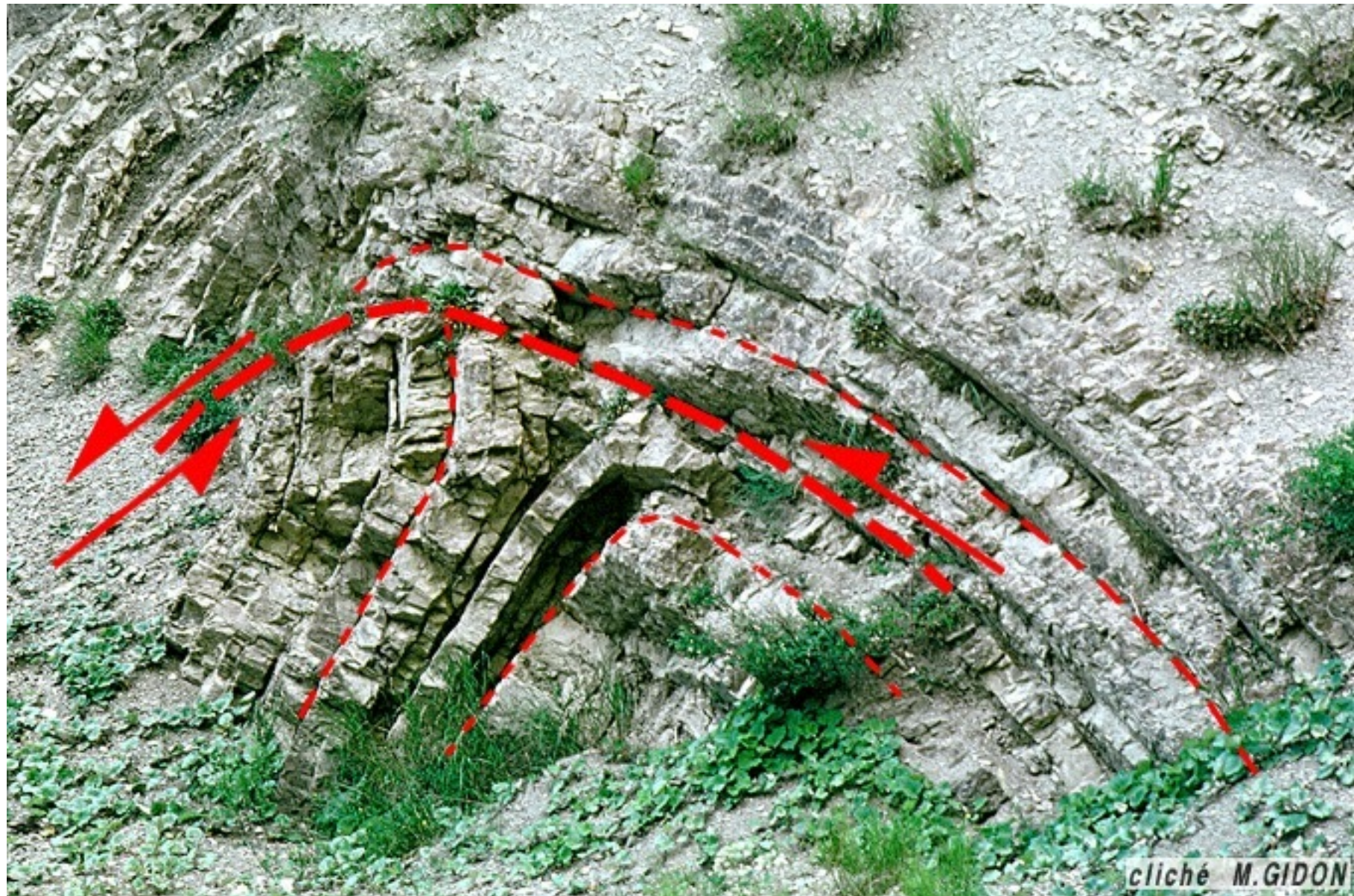




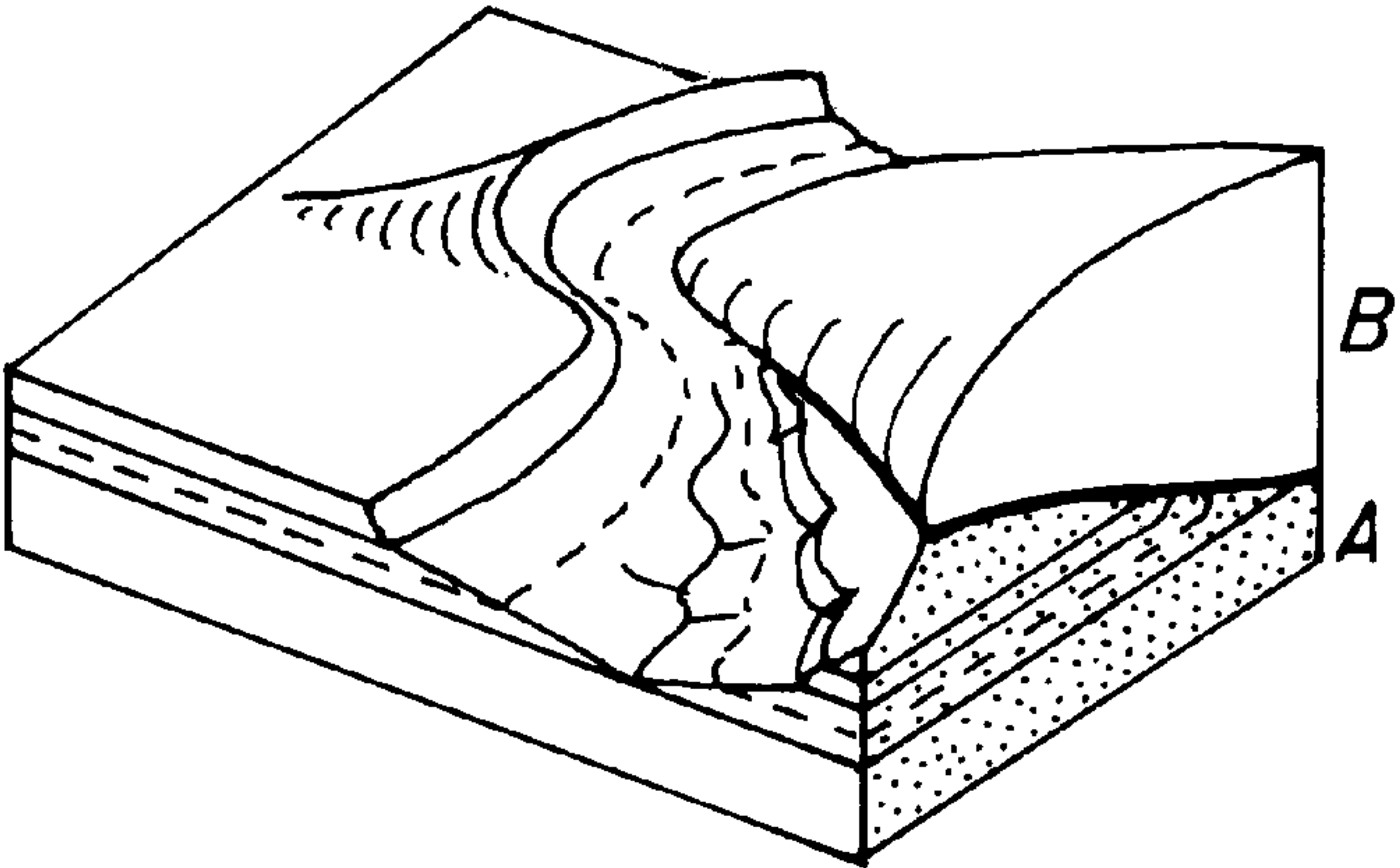
***rupture à la
charnière***







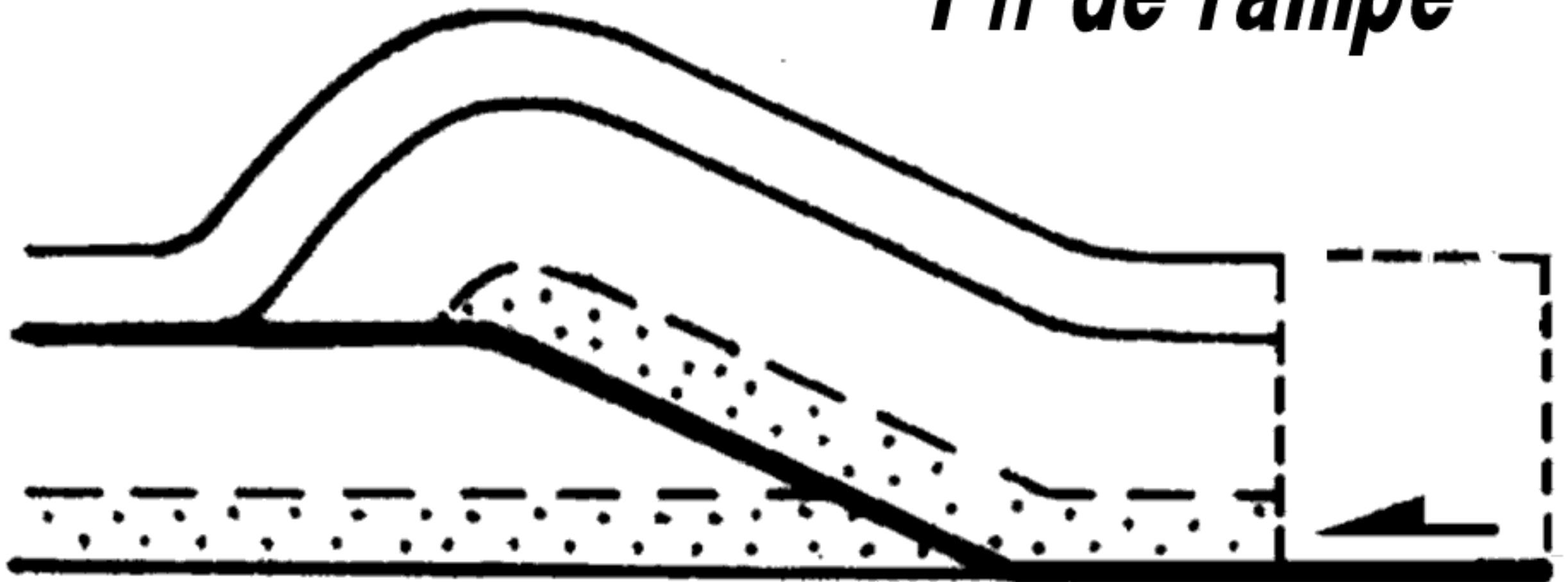
cliché M.GIDON



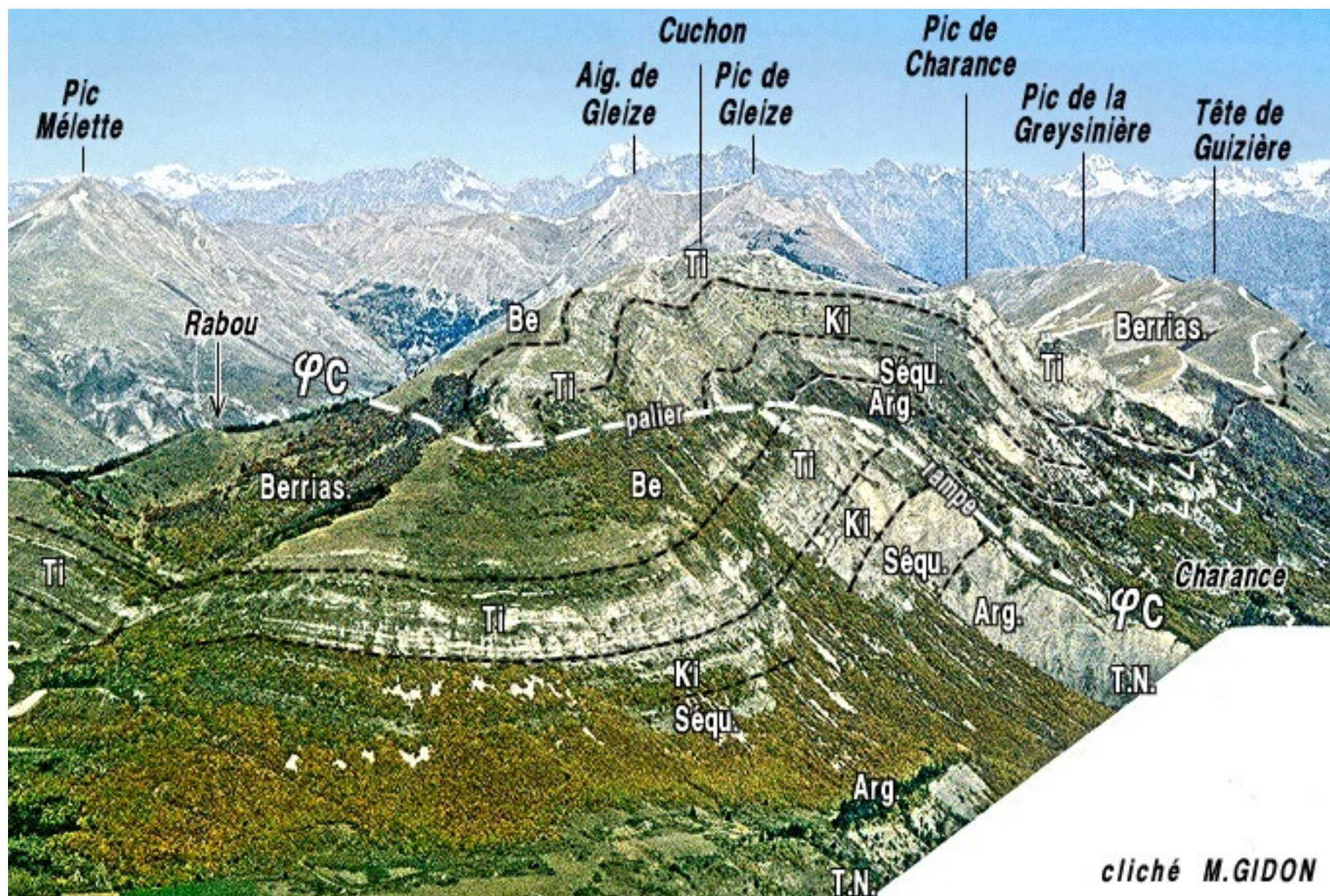




Pli de rampe

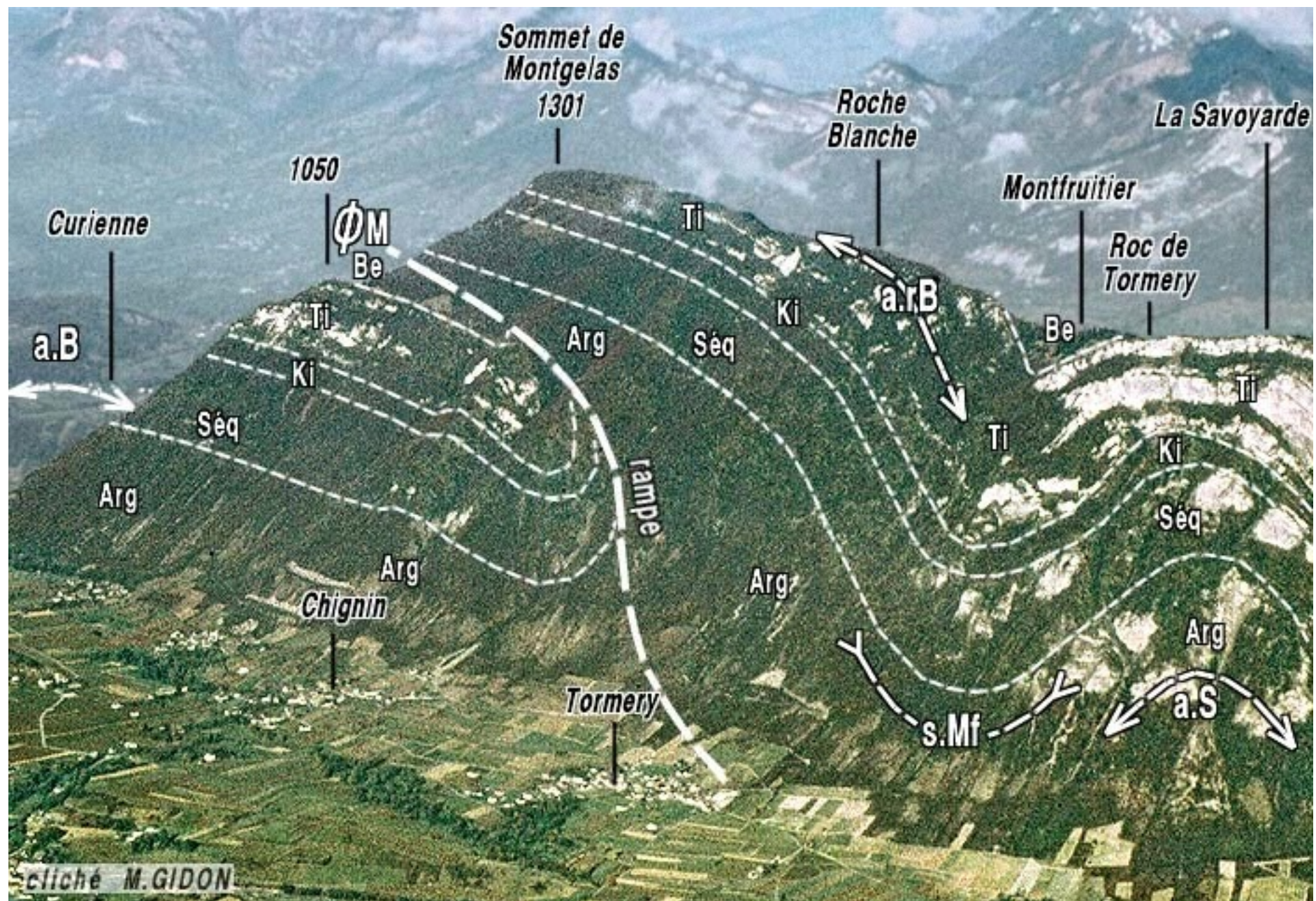








cliché M. GIDON



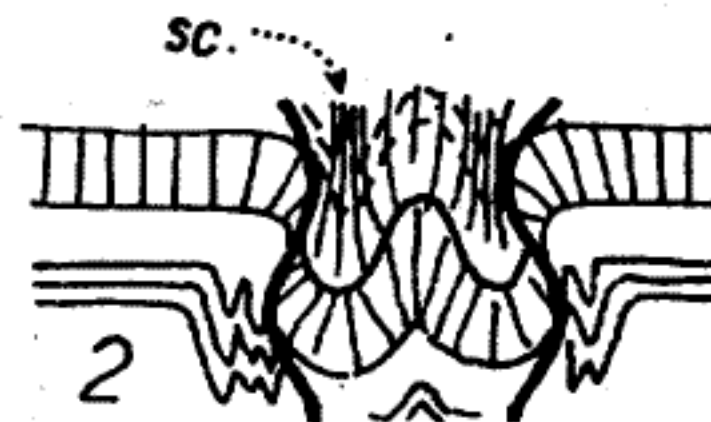
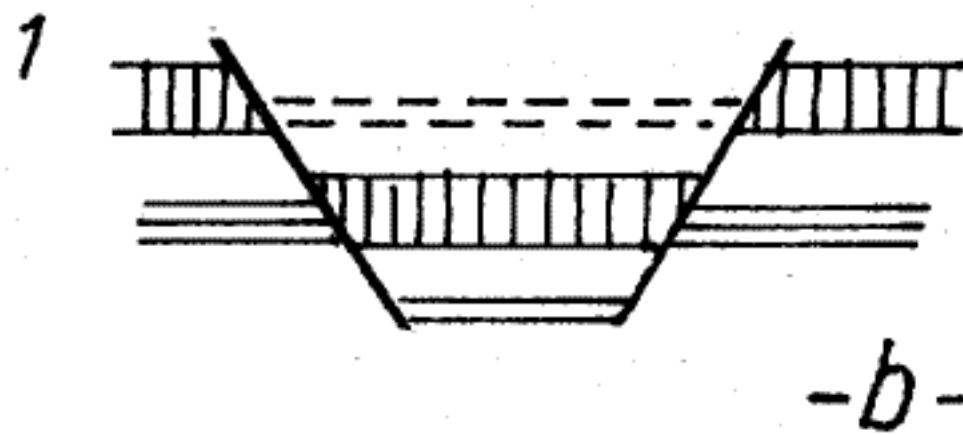
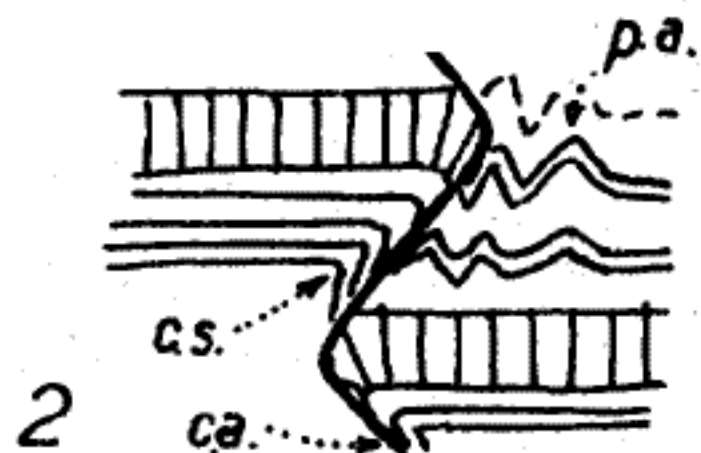
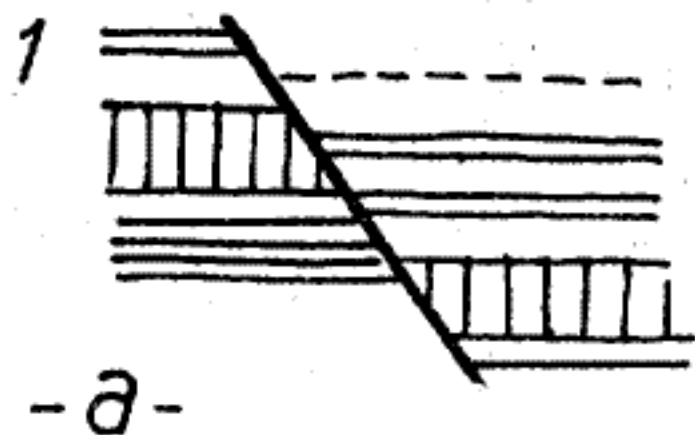
Les failles :

Rapports entre failles et plis

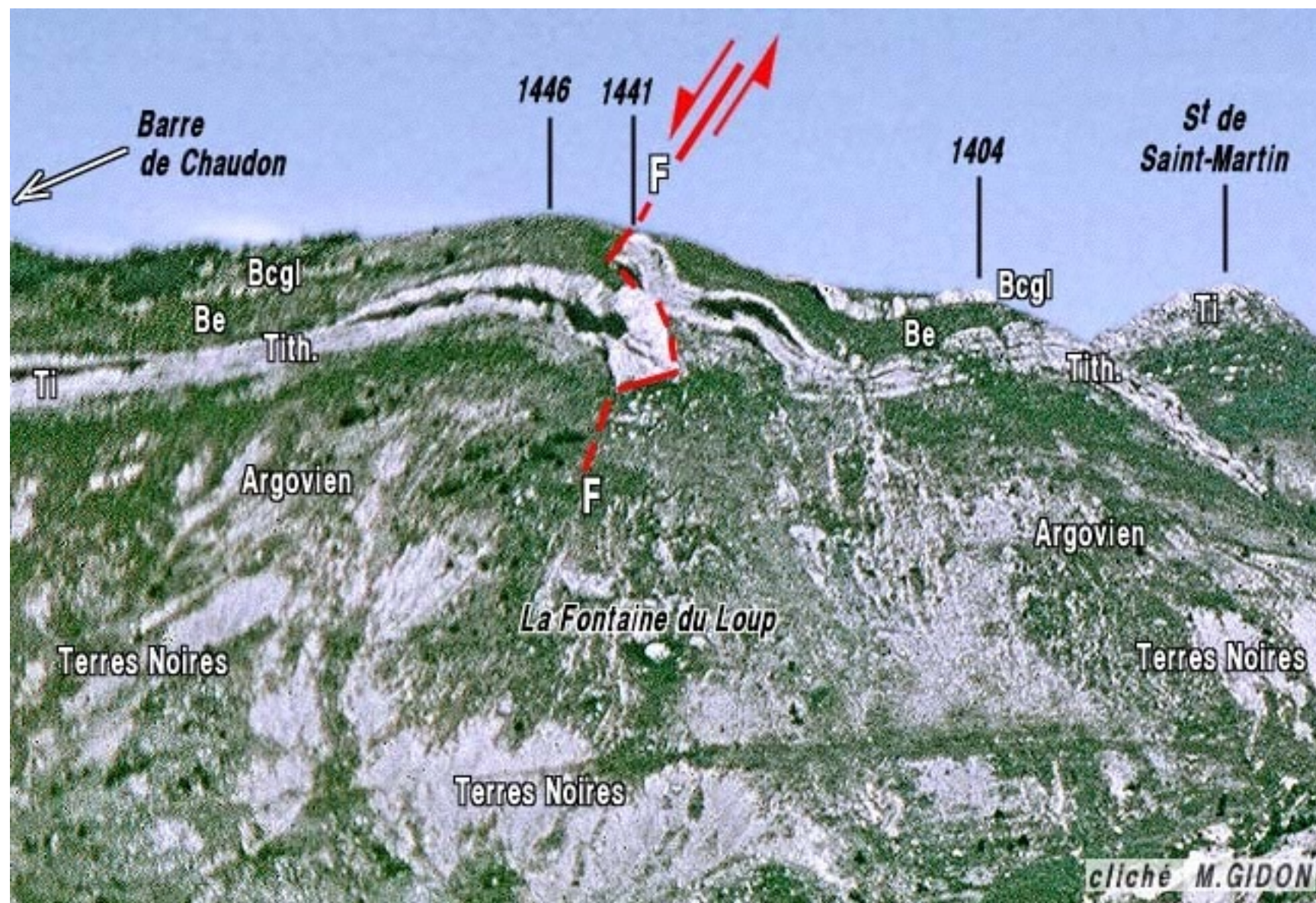
failles déformées

Plis "ancrés" sur des failles

1) par serrage



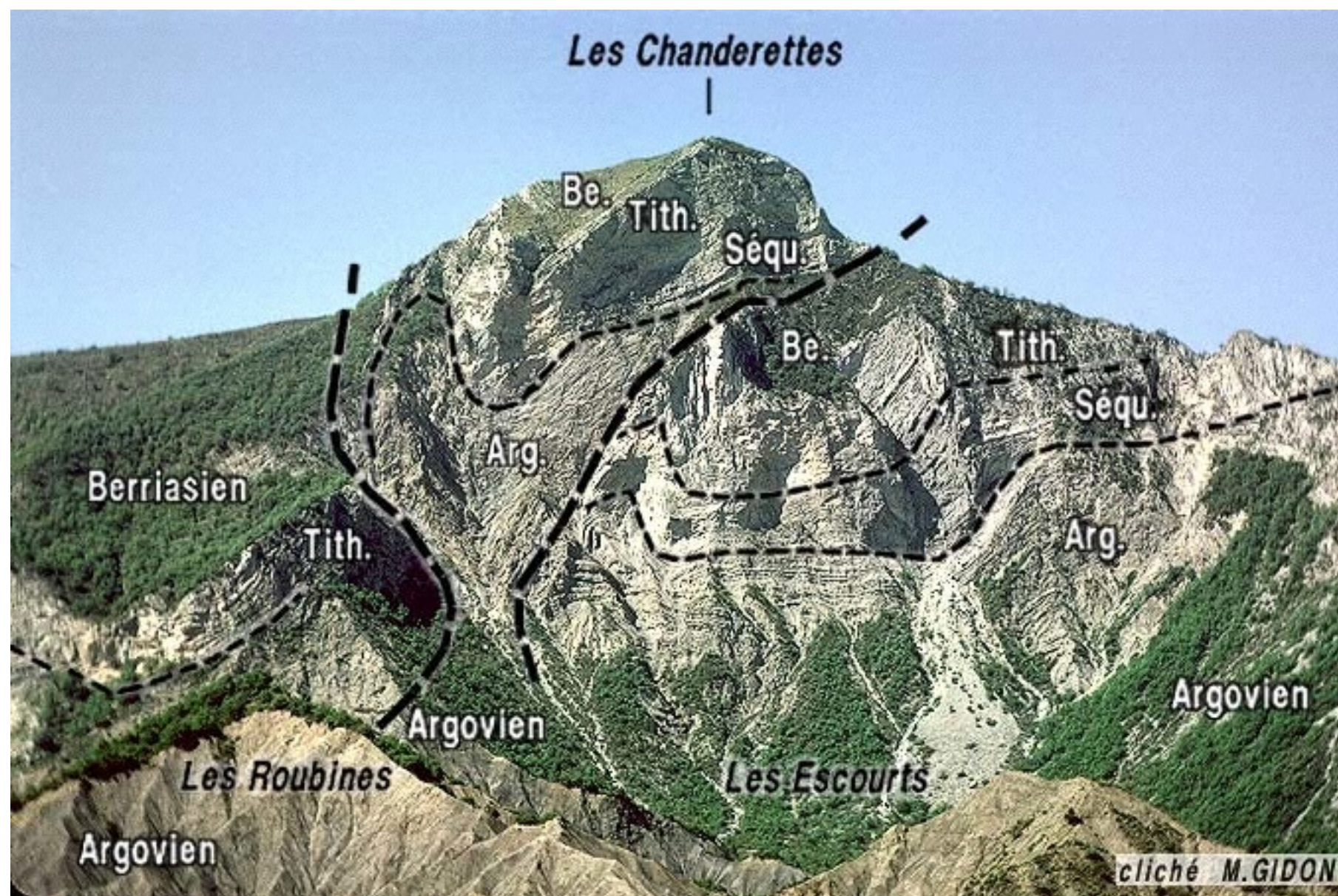


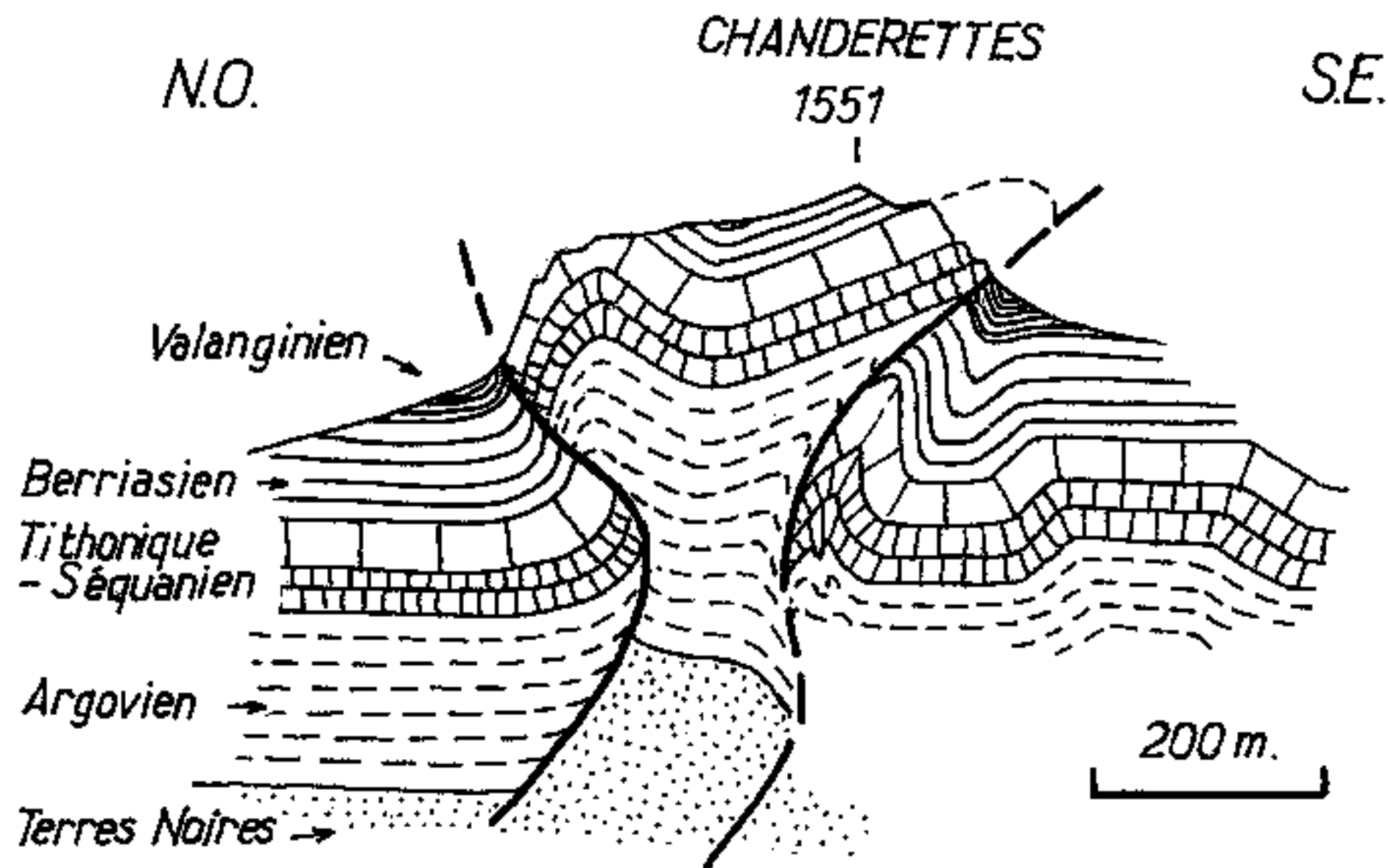






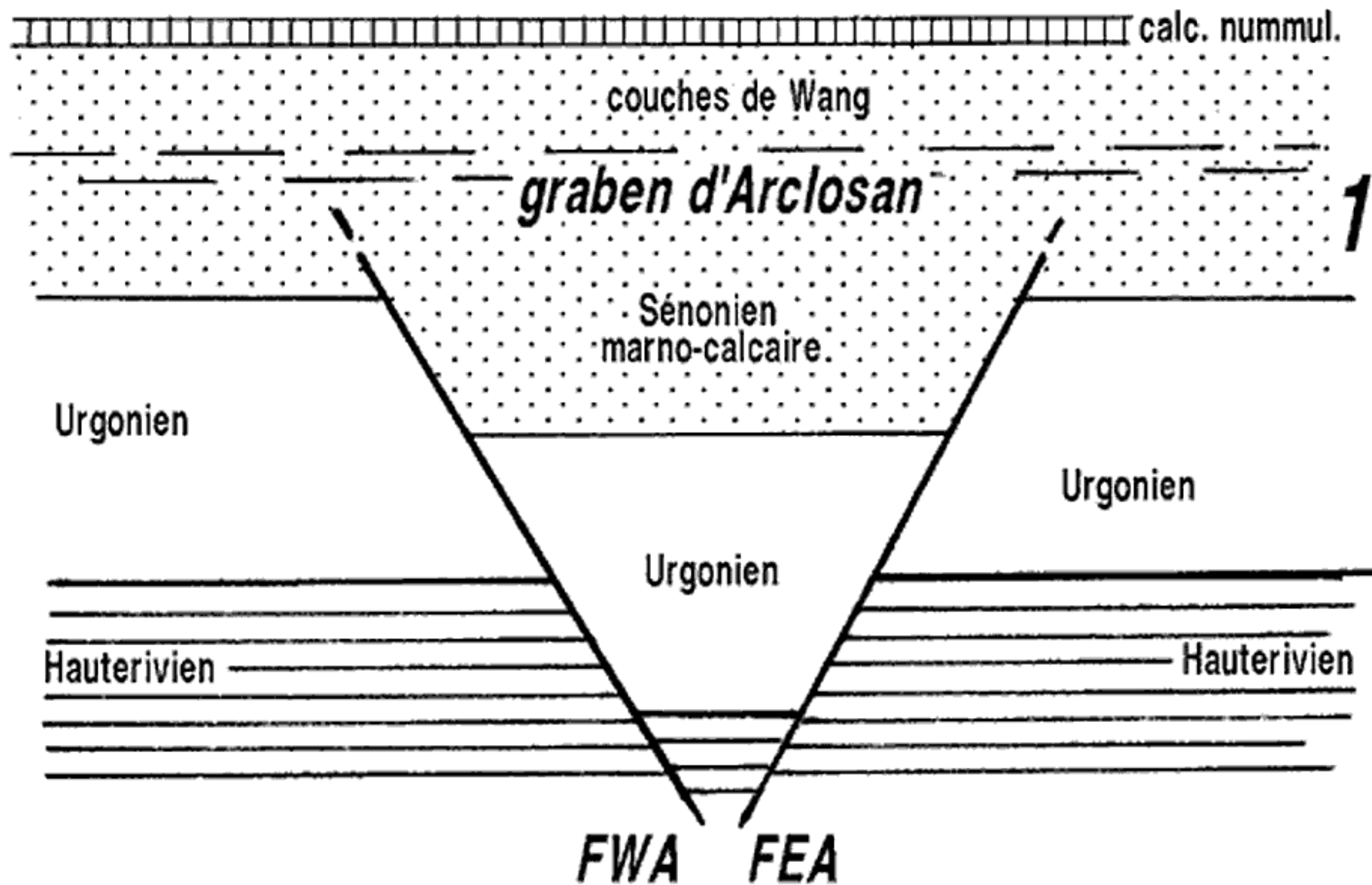


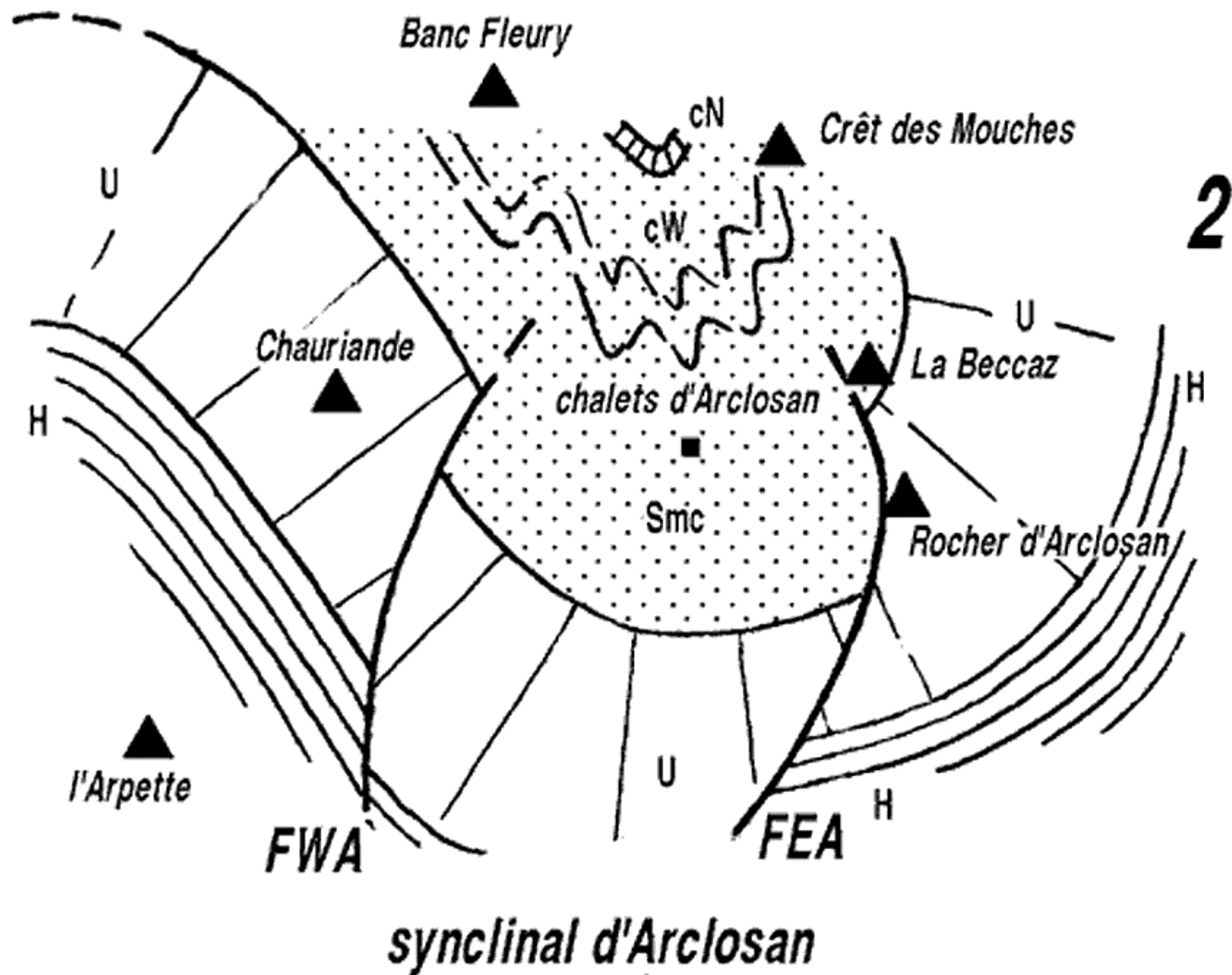












O.

Ecoutoux

St Eynard

Kimmeridgien
Séquanien
Argovien
Terres Noires

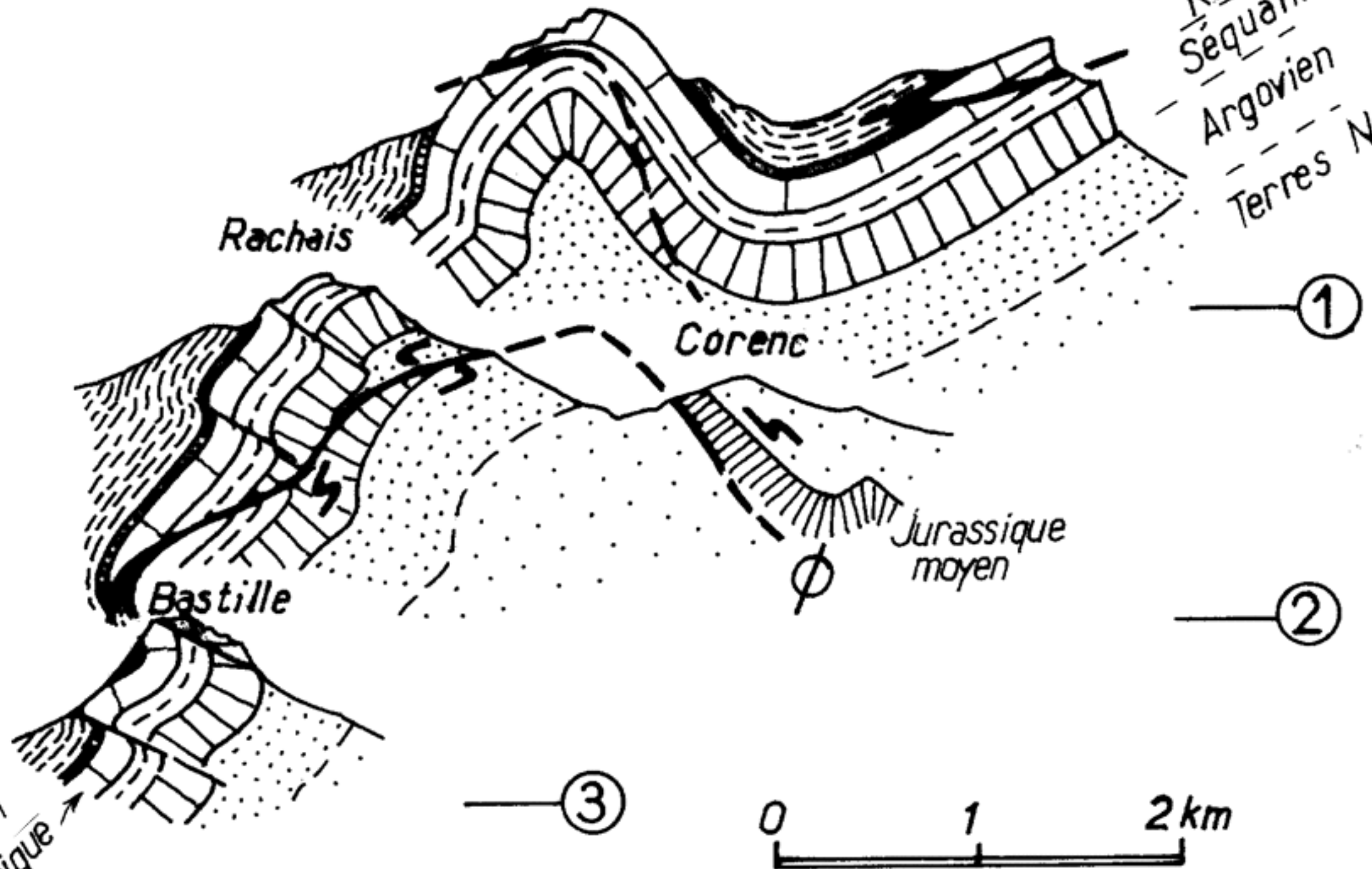
Rachais

Corenc

Jurassique
moyen

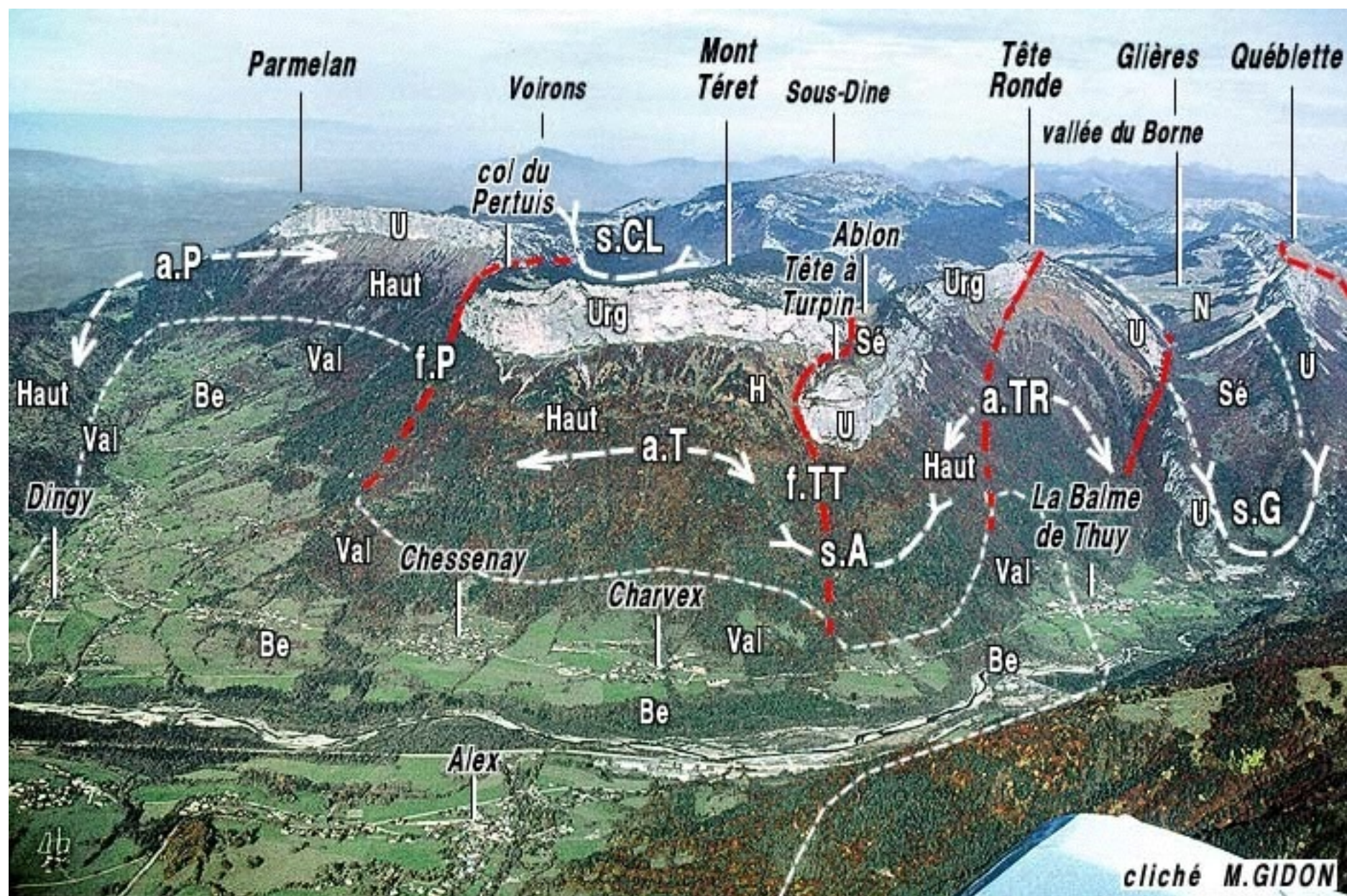
Bastille

Berriasien
Tithonique



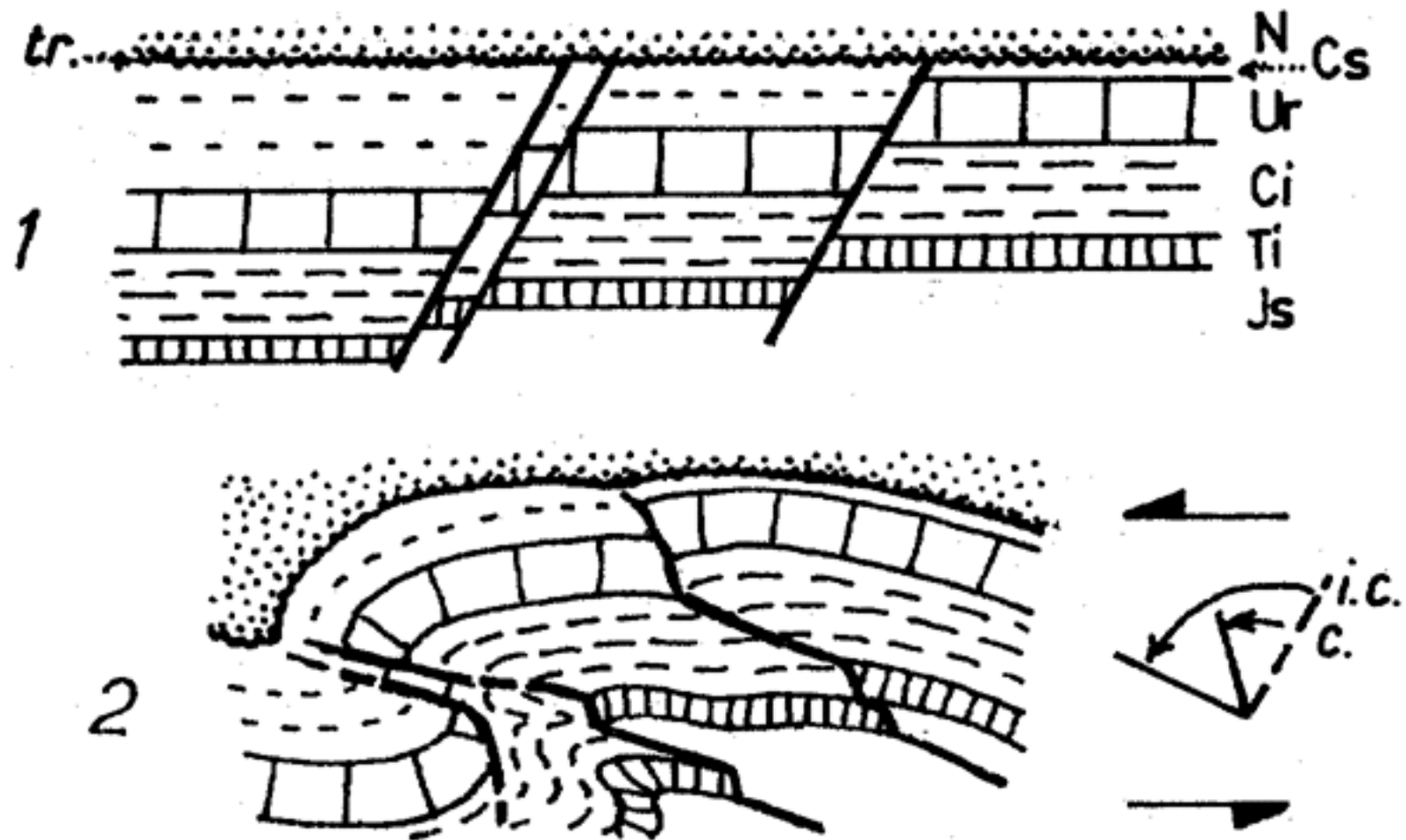




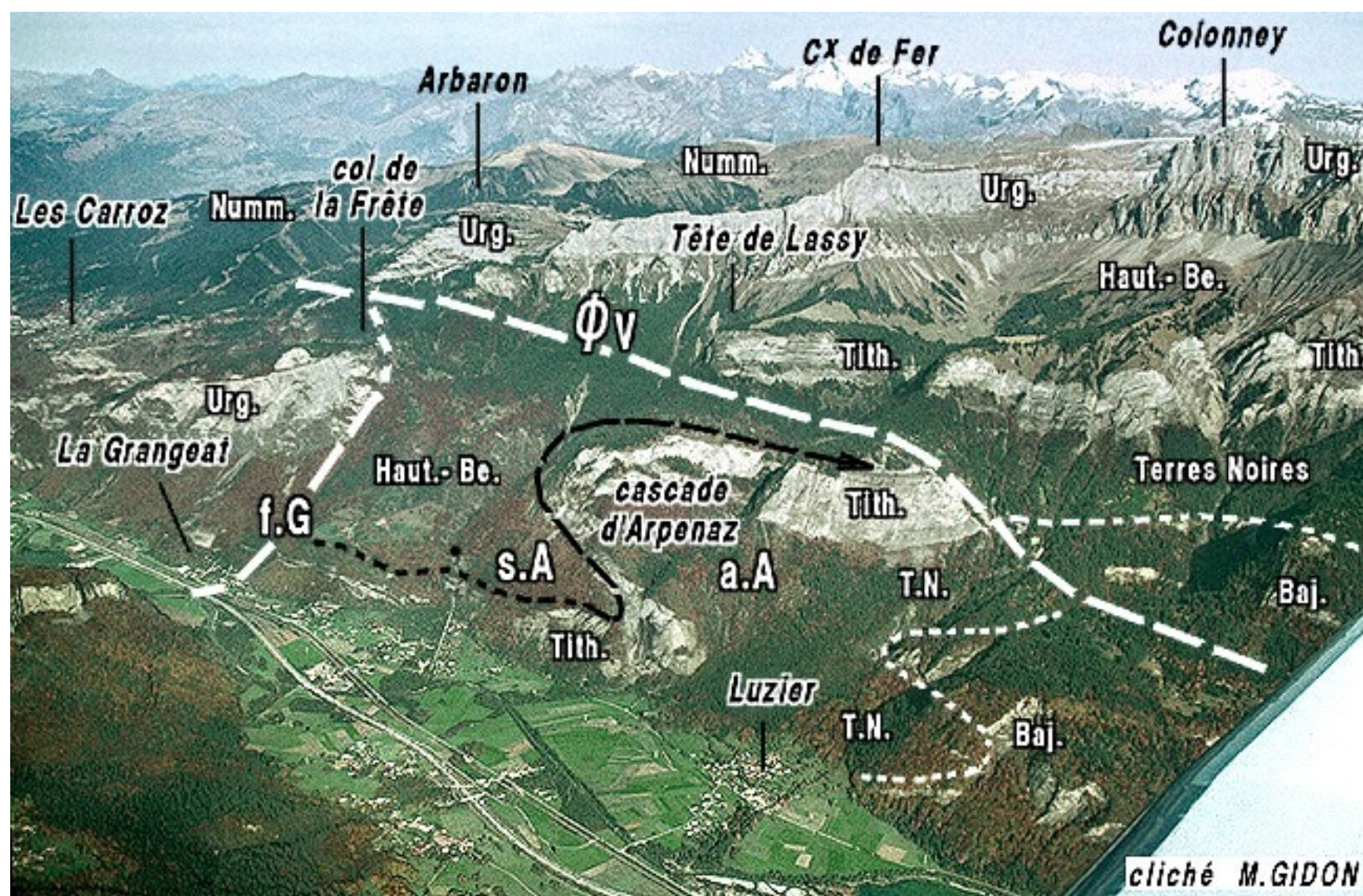


Plis "ancrés" sur des failles

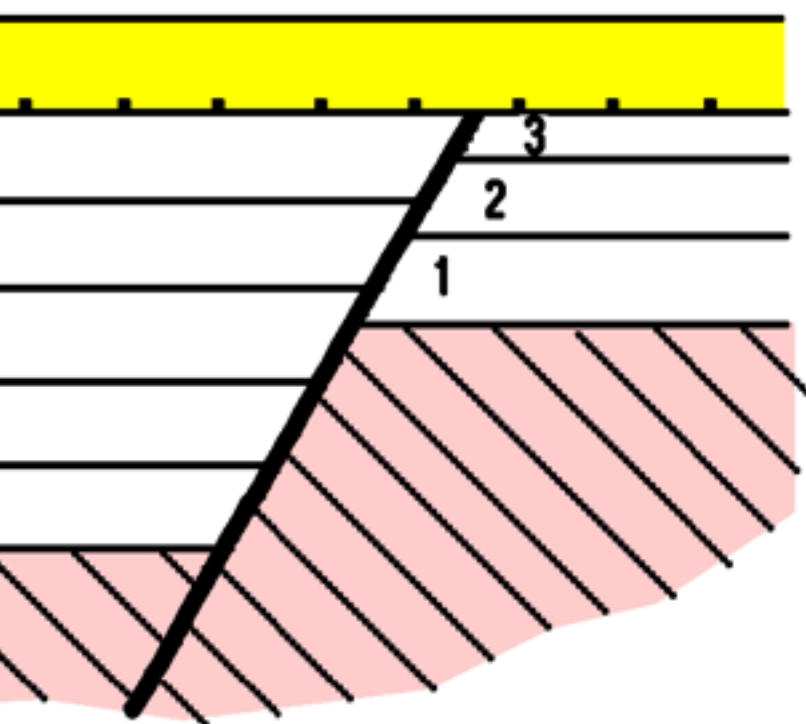
2) par cisaillement



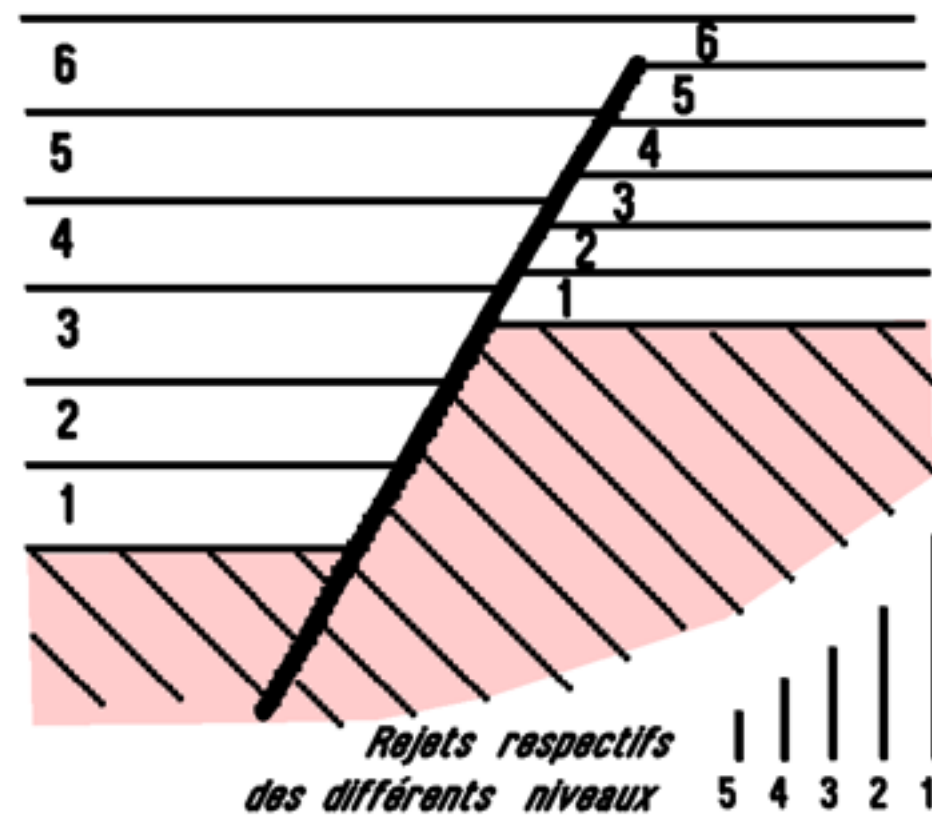




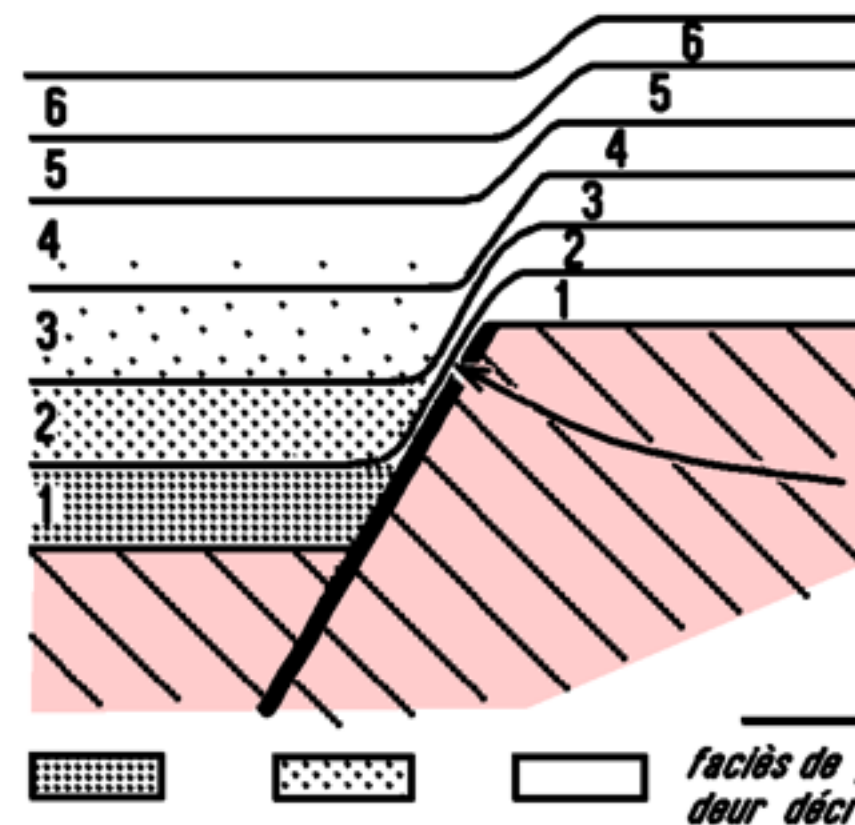
- a - Faille normale cachetée



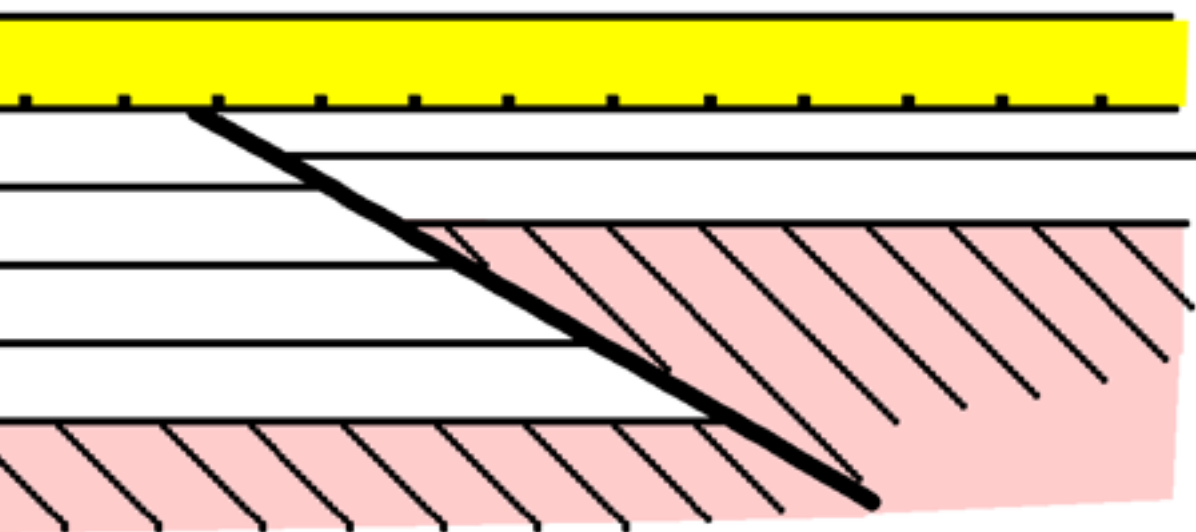
- b - F. synsédimentaire à rejet progressif



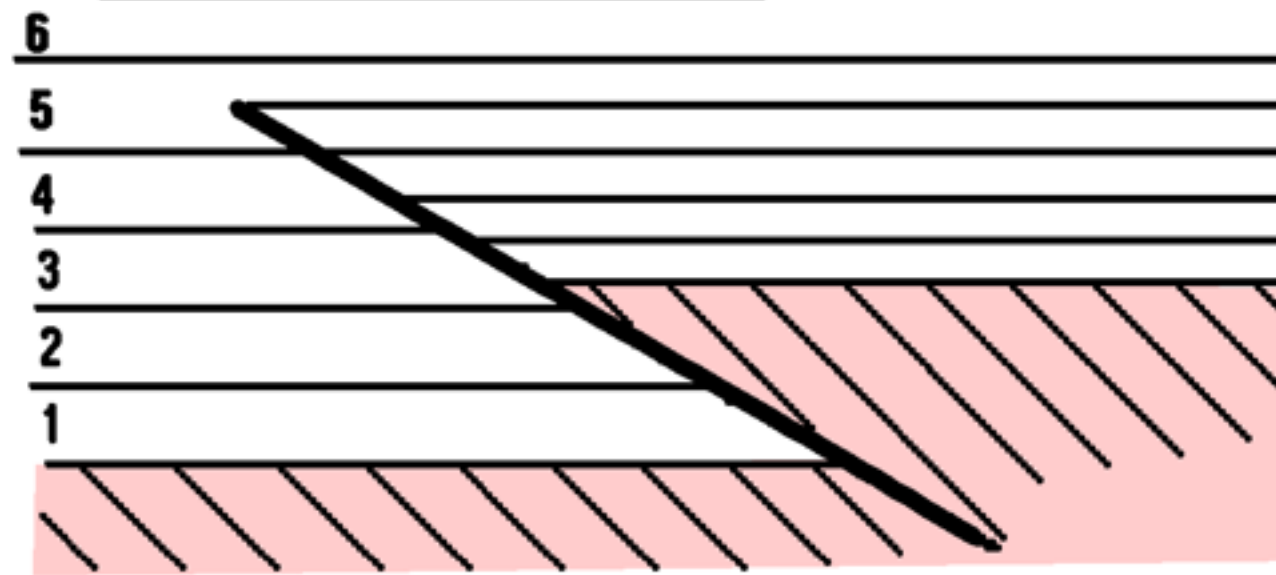
- c - id., à jeu brutal



- a - Faille inverse cachetée

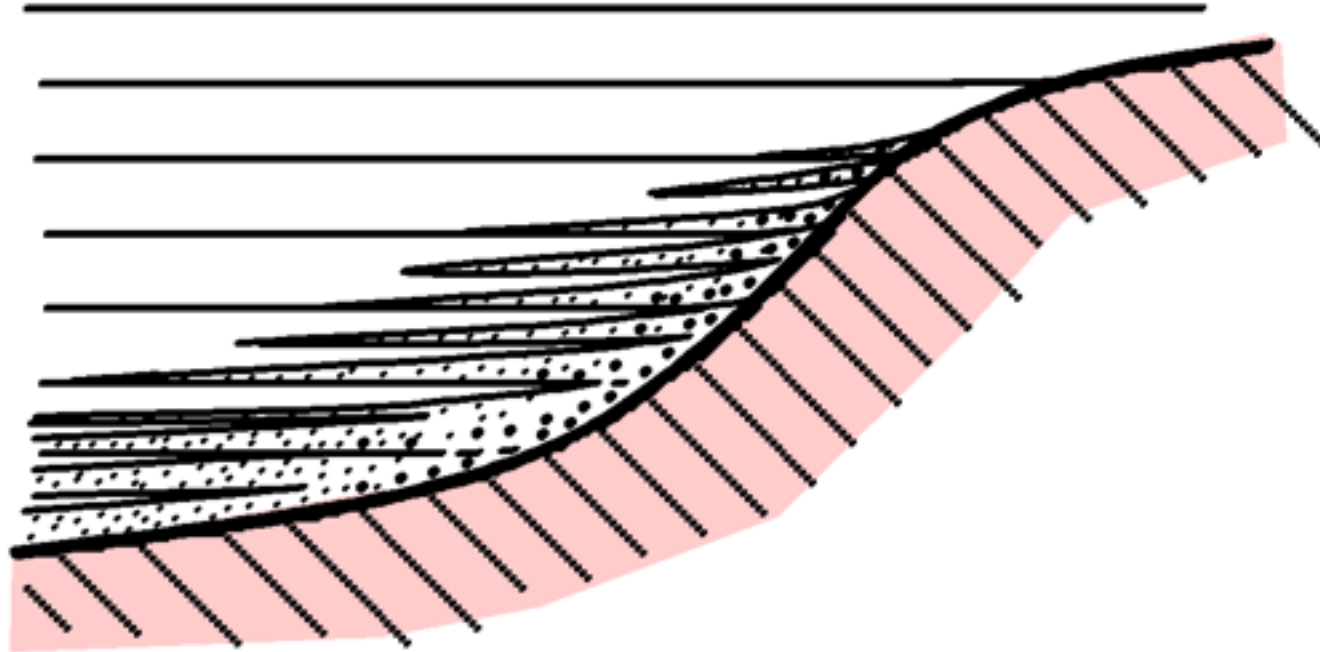


- b - Faille inverse à rejet progressif

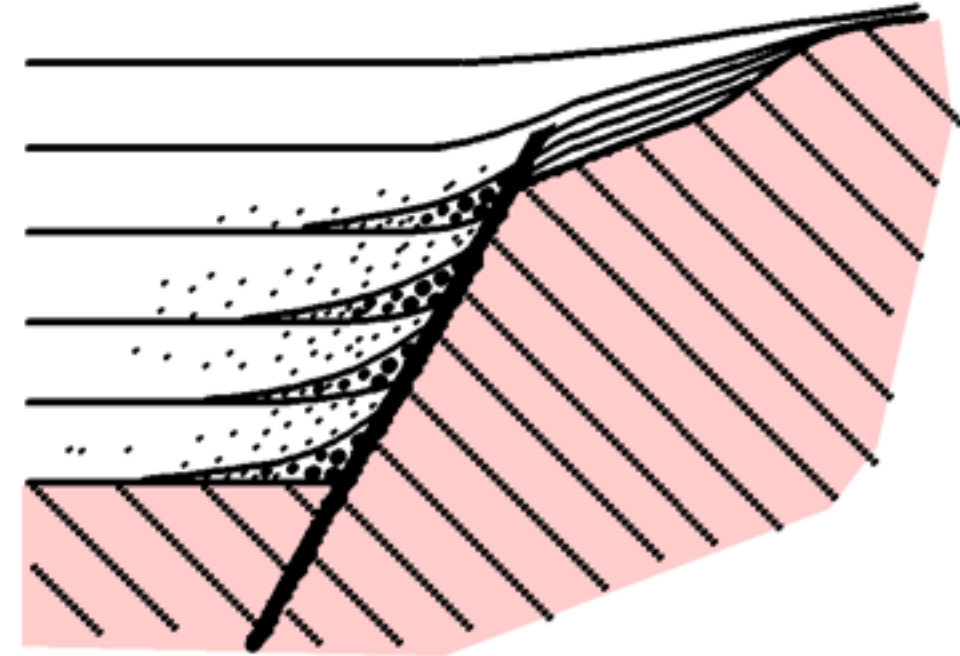


Failles synsédimentaires

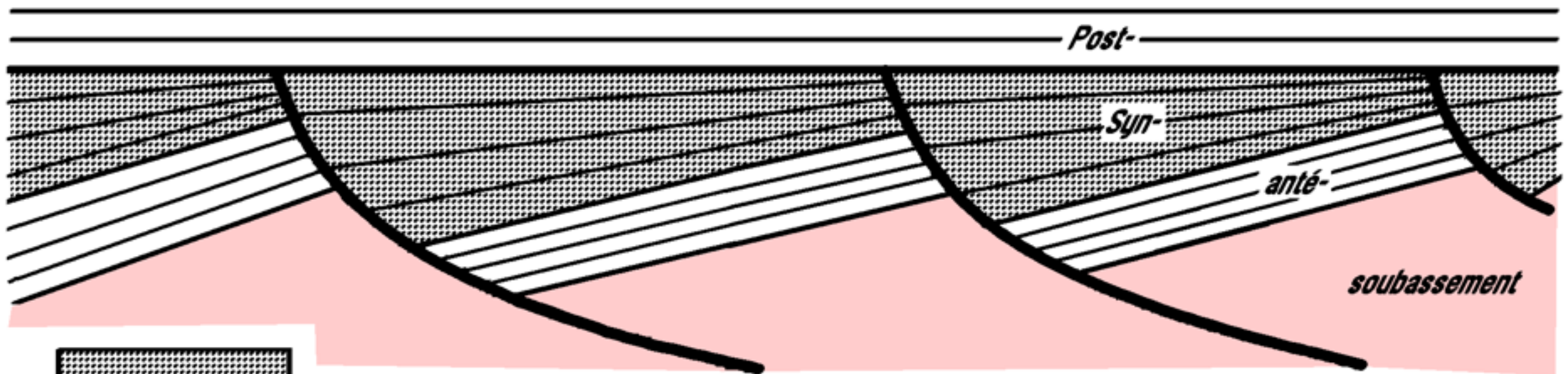
3 - a - Onlap avec détritisme de pied de pente



- b - Onlap et détritisme de faille active



4 Failles synsédimentaires listriques ("blocs basculés")



dépôts synchrones du jeu
des failles

Failles synsédimentaires

Cours de Tectonique - M.GIDON -1991
INSTITUT DOLOMIEU
GRENOBLE



