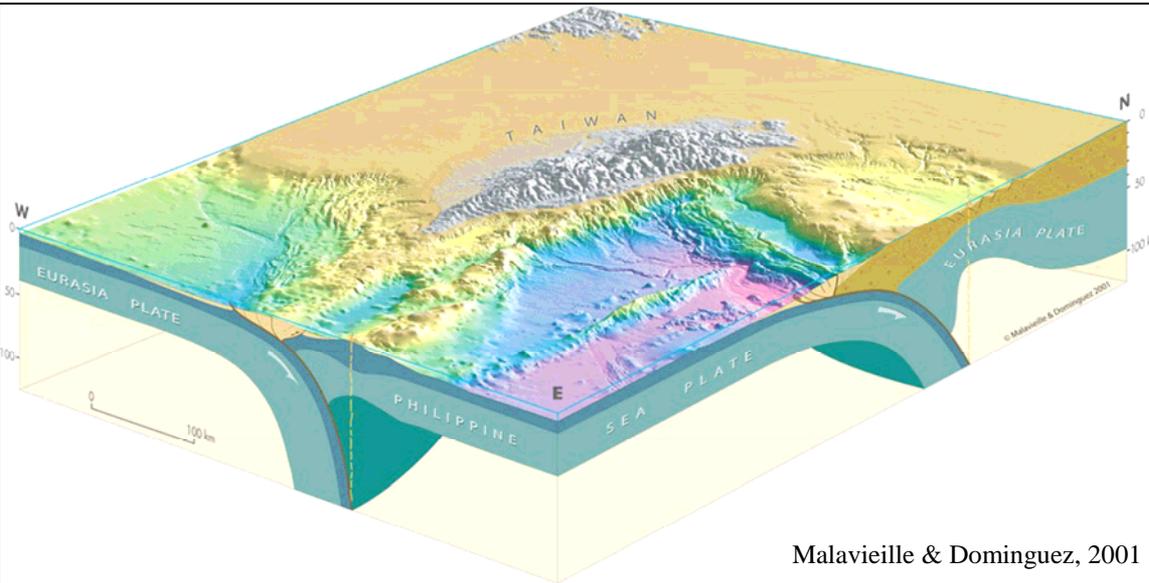
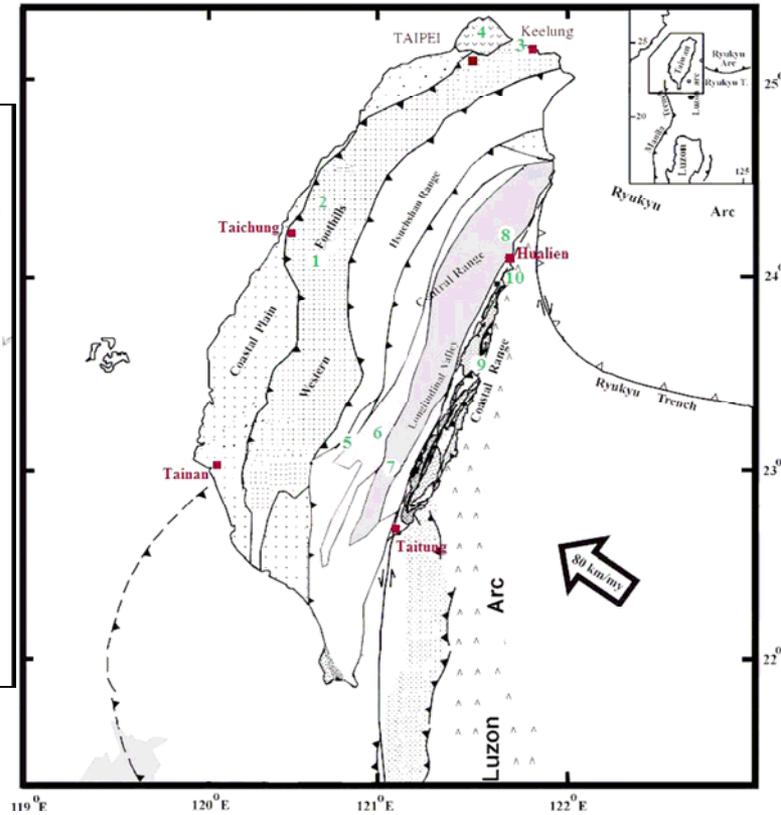


Une collision très active : Taiwan

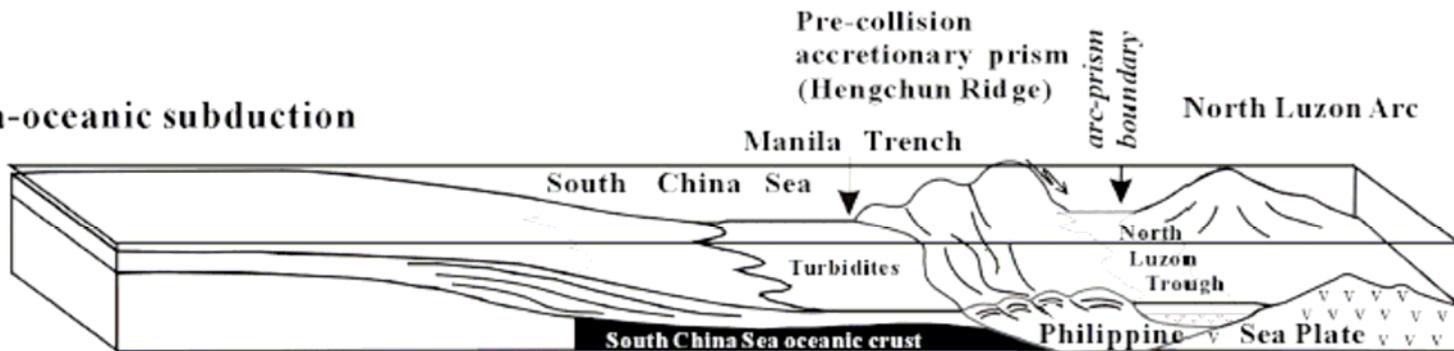


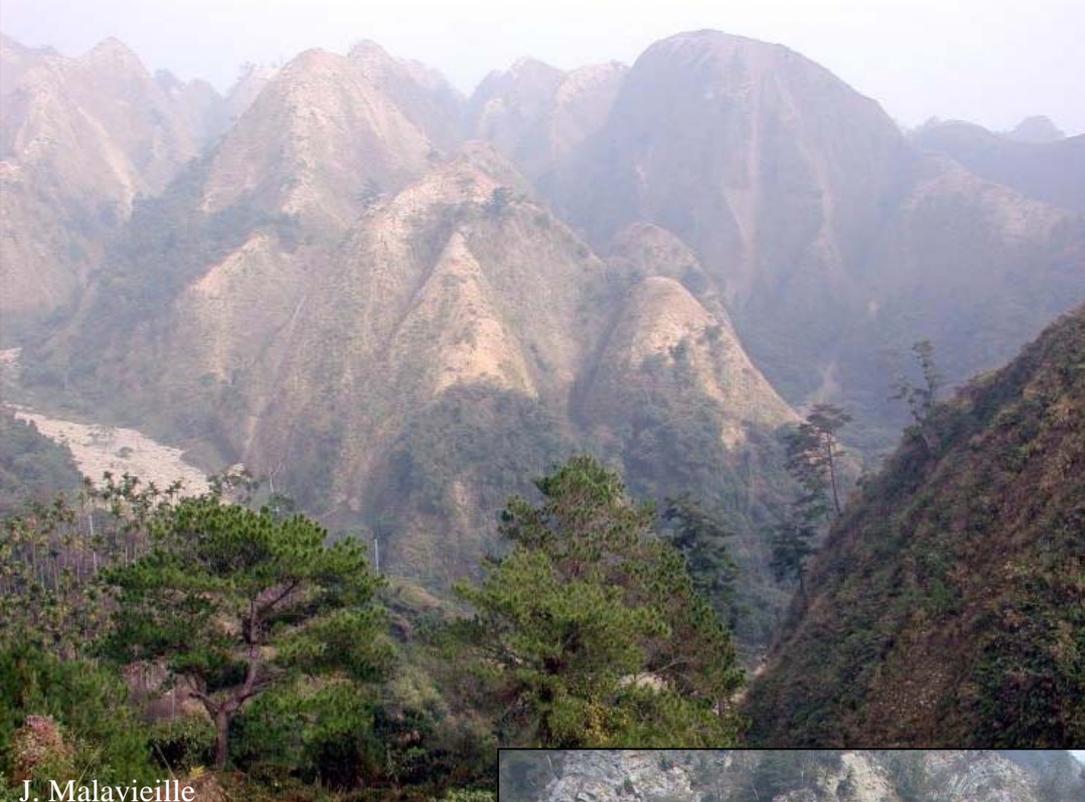
Malavieille & Dominguez, 2001



d'après Huang et al 2006

Intra-oceanic subduction





J. Malavieille

Massif des 99 pics

Hsue Shan range



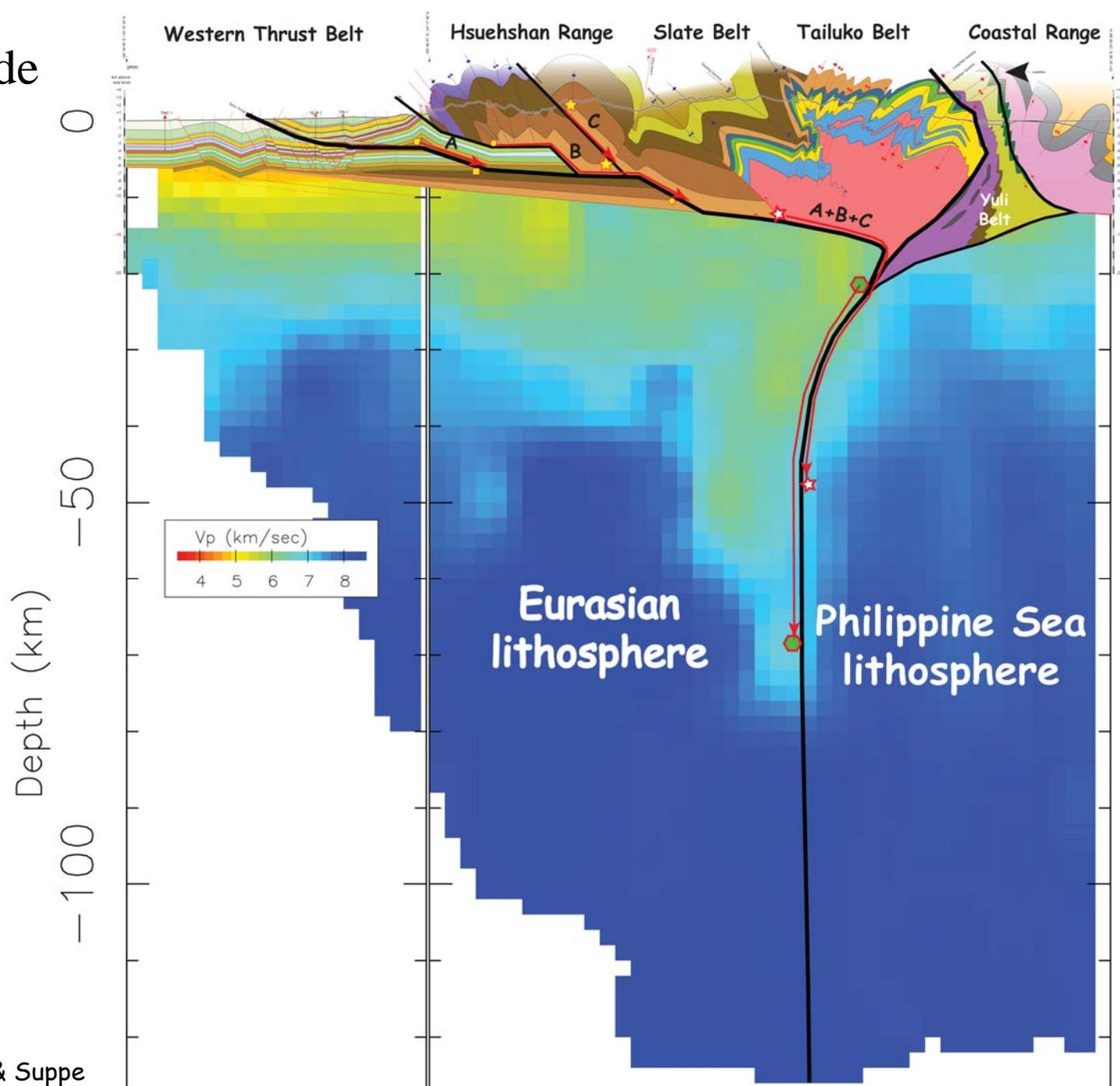
J. Malavieille



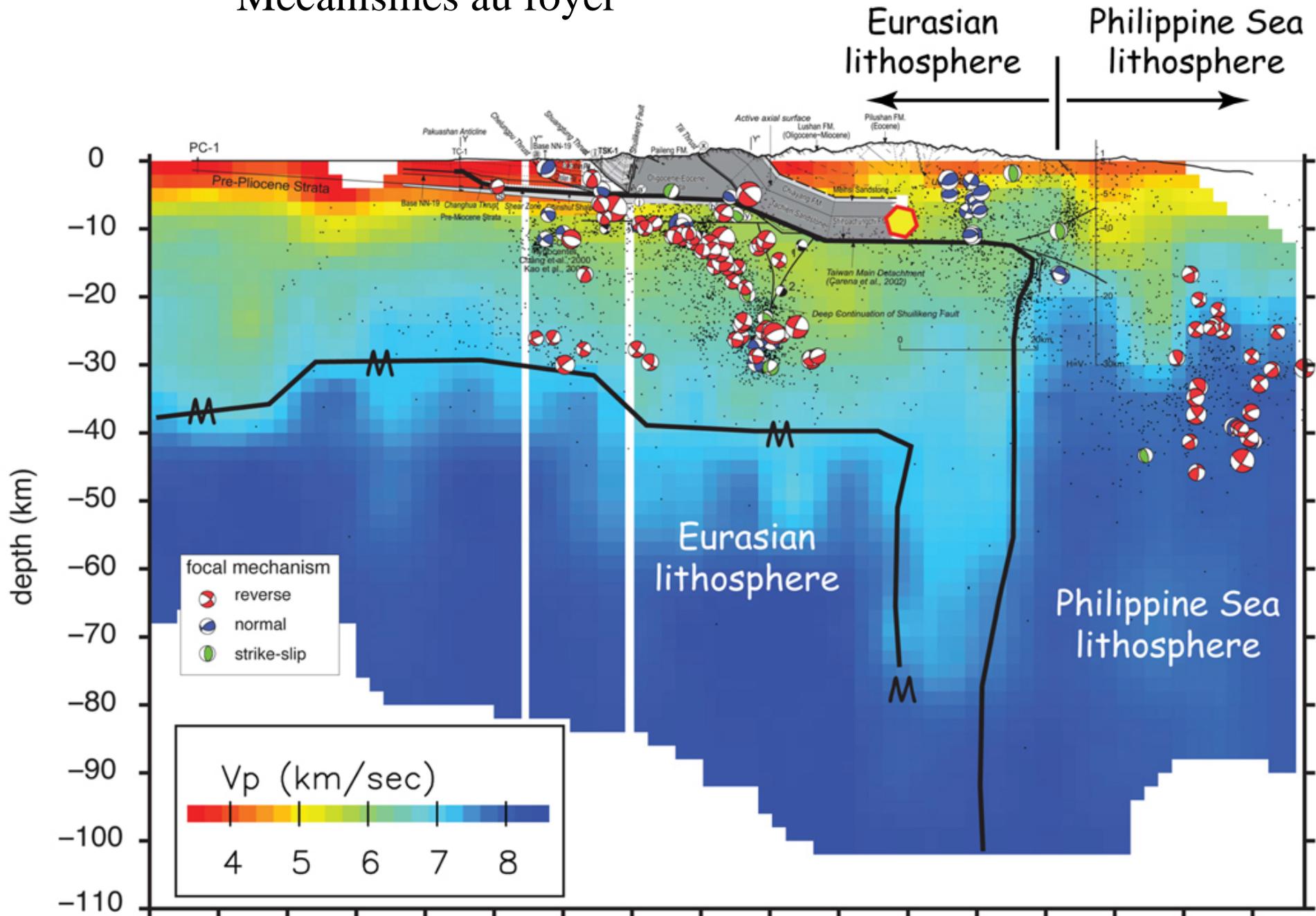
Lelie

Taroko gorge

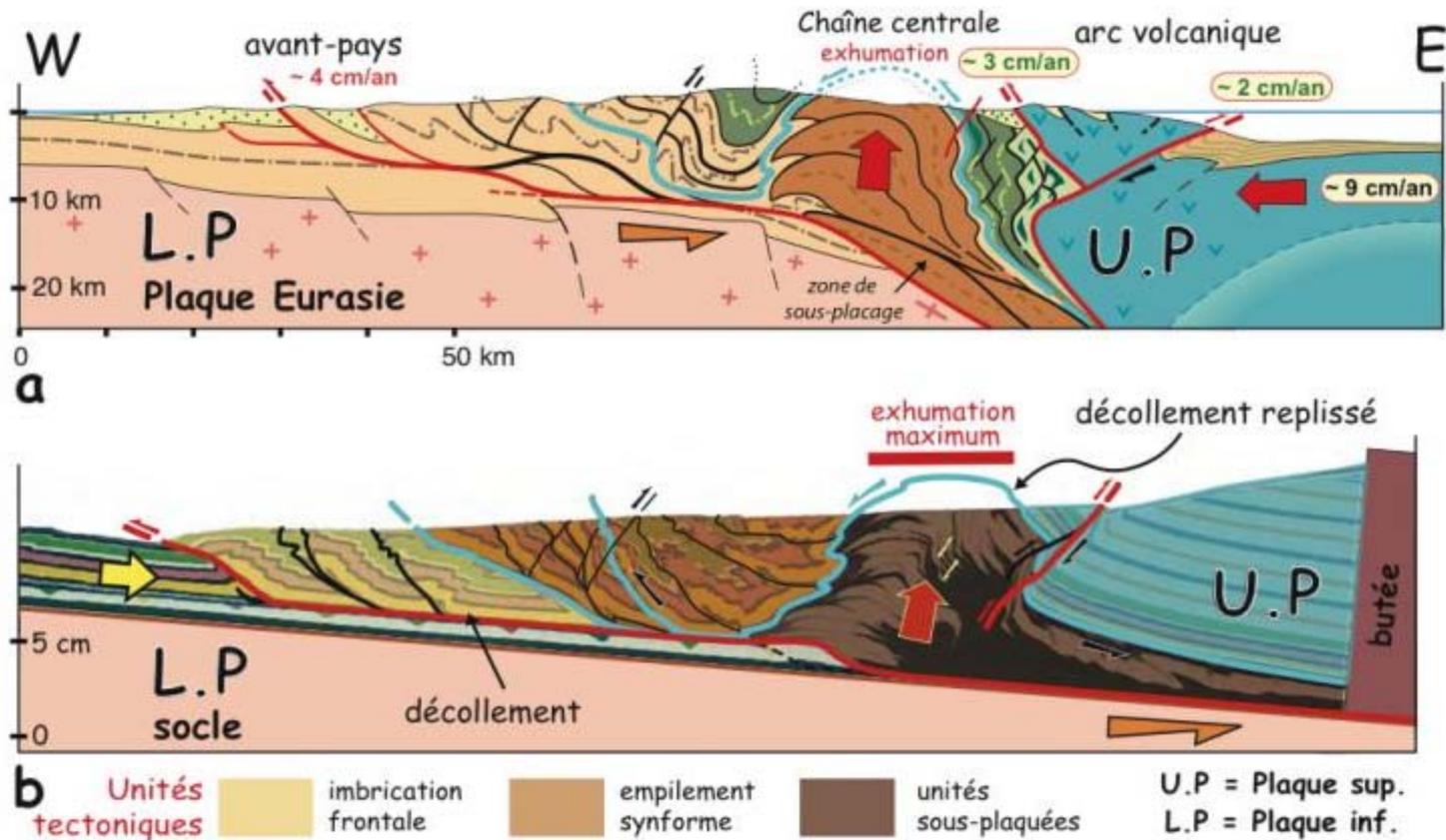
Structure profonde



Mécanismes au foyer

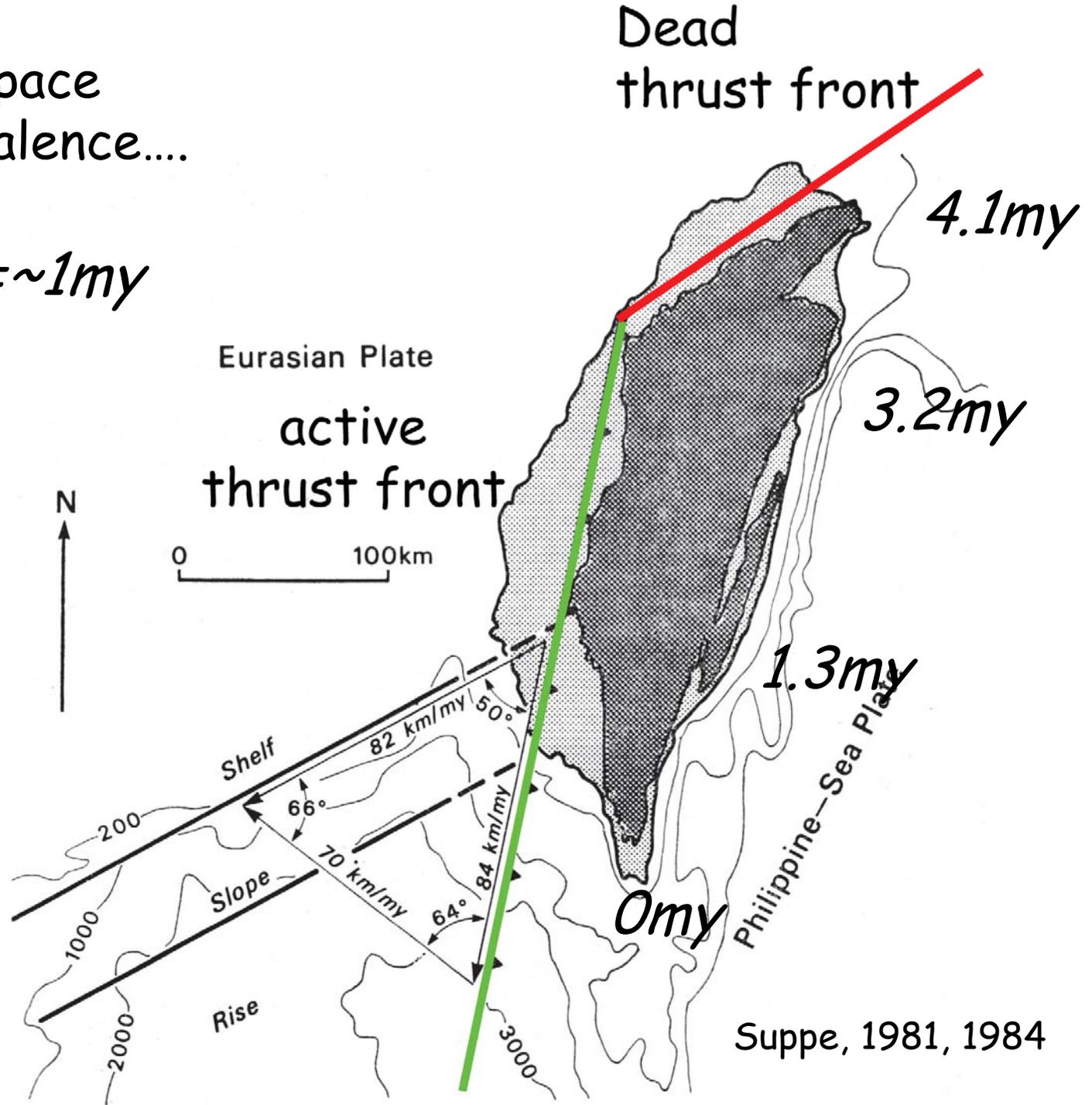


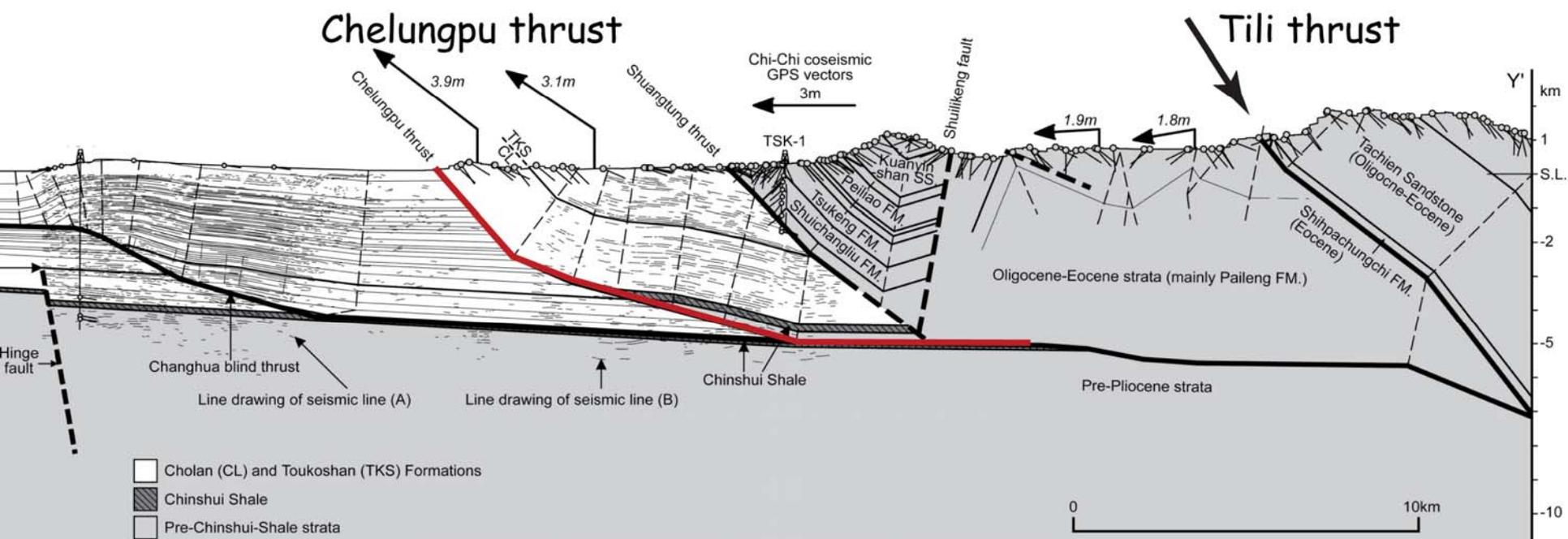
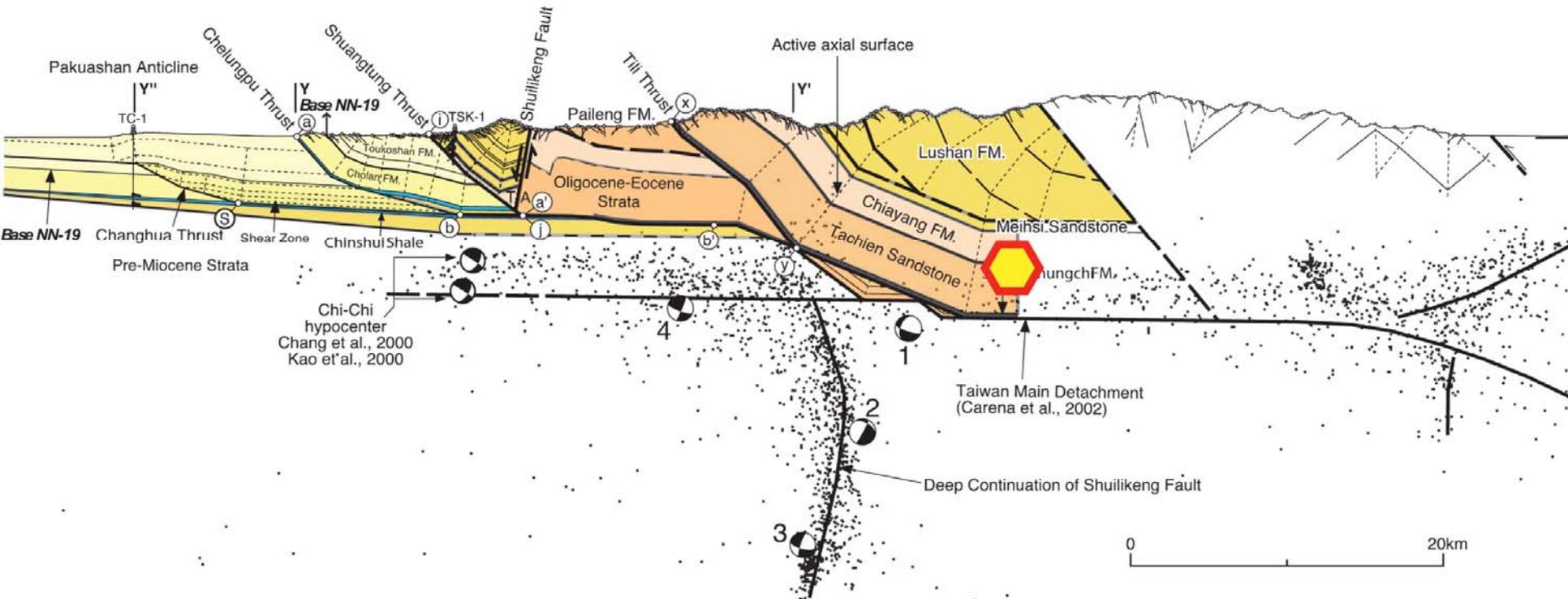
Coupe géologique interprétative de Taiwan basée sur les modèles analogiques



The time-space
equivalence....

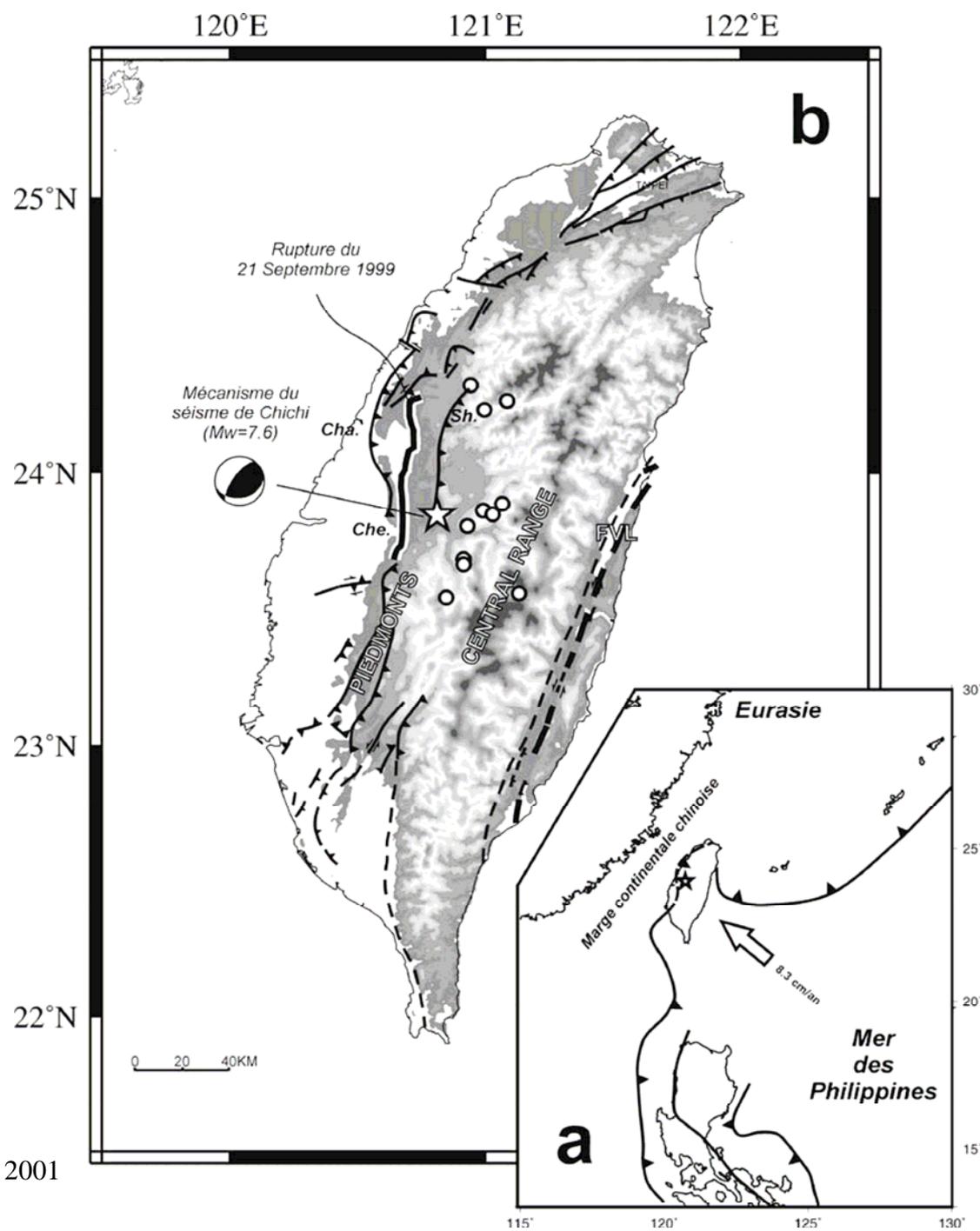
$$90\text{km} \approx 1\text{my}$$





- Cholan (CL) and Toukoshan (TKS) Formations
- Chinshui Shale
- Pre-Chinshui-Shale strata

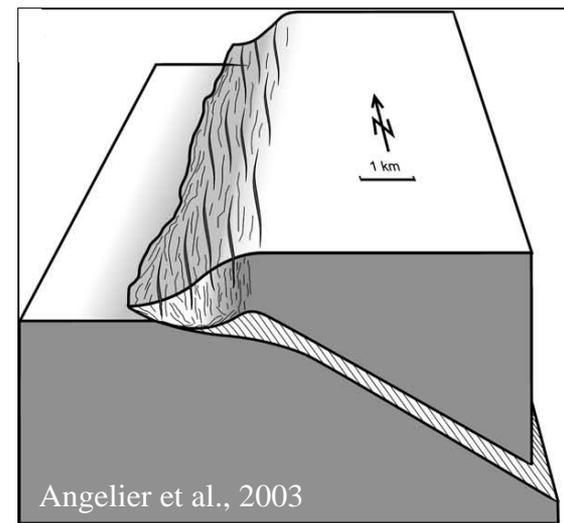
Séisme de Chi chi, M 7,3 en 1999

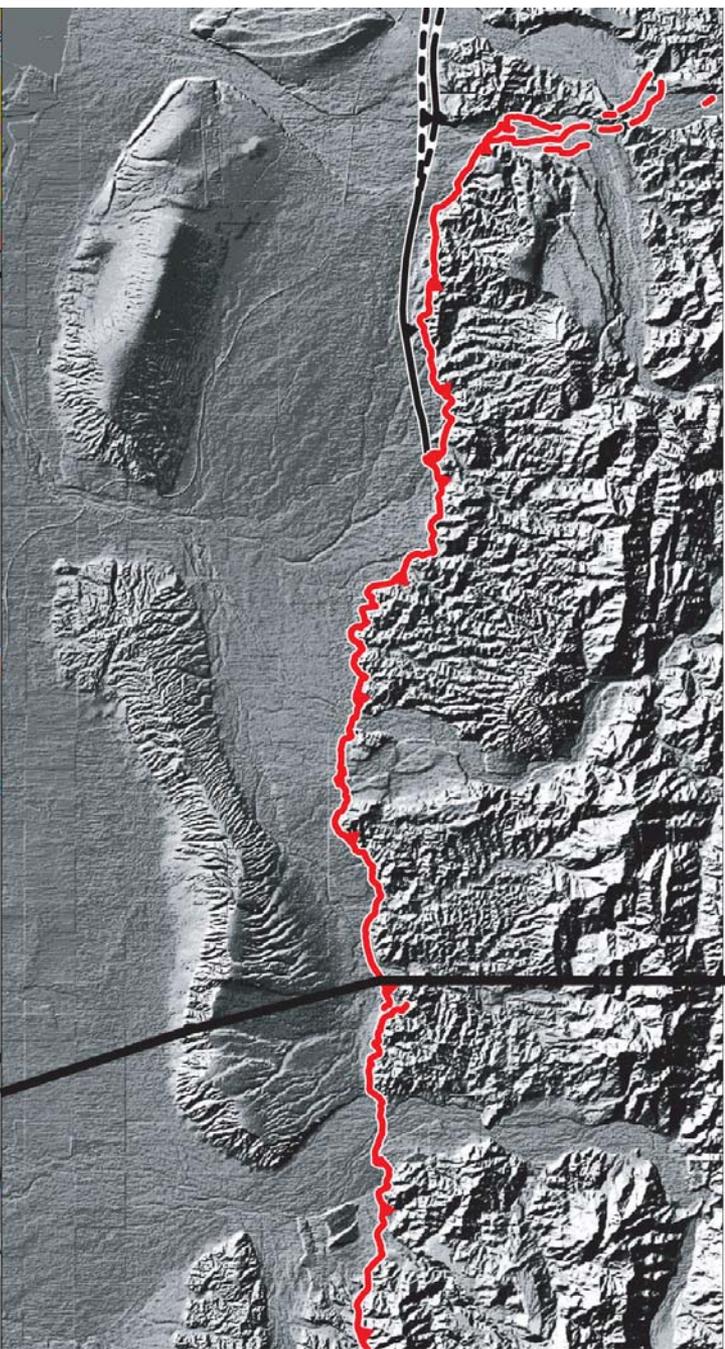
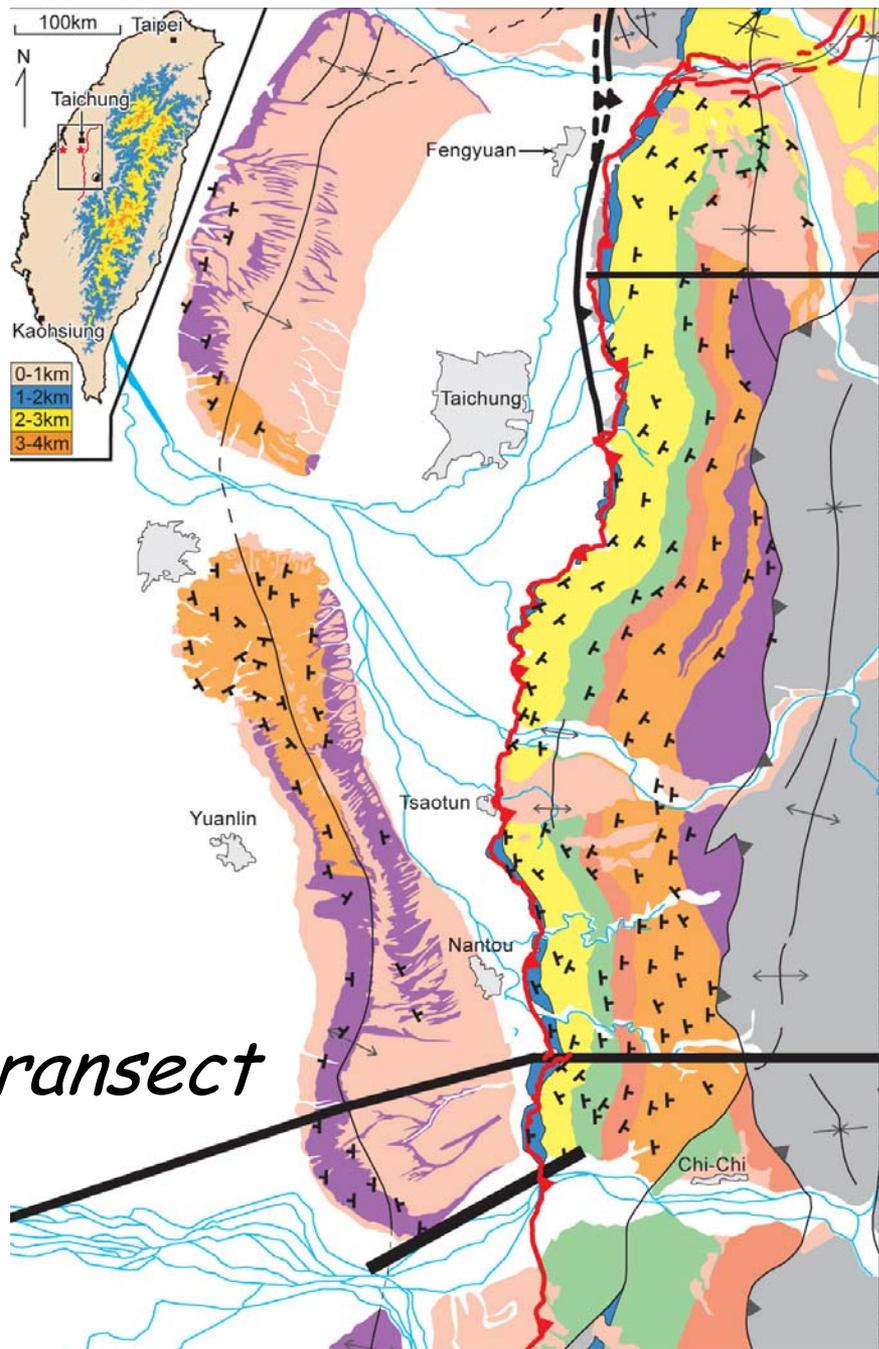


Mouthareau et al., 2001



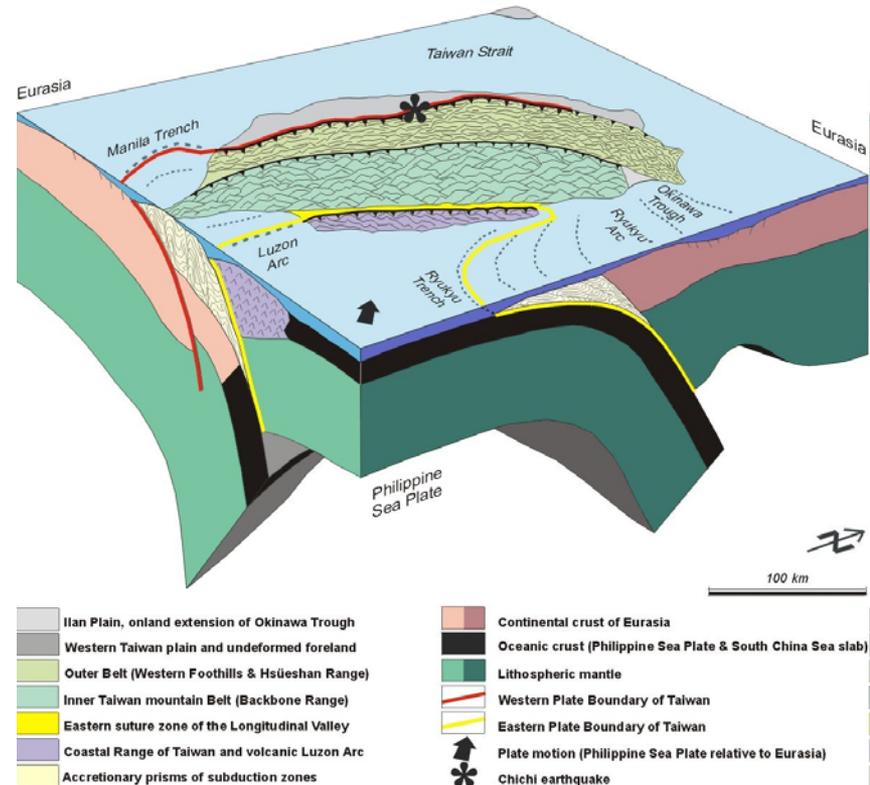
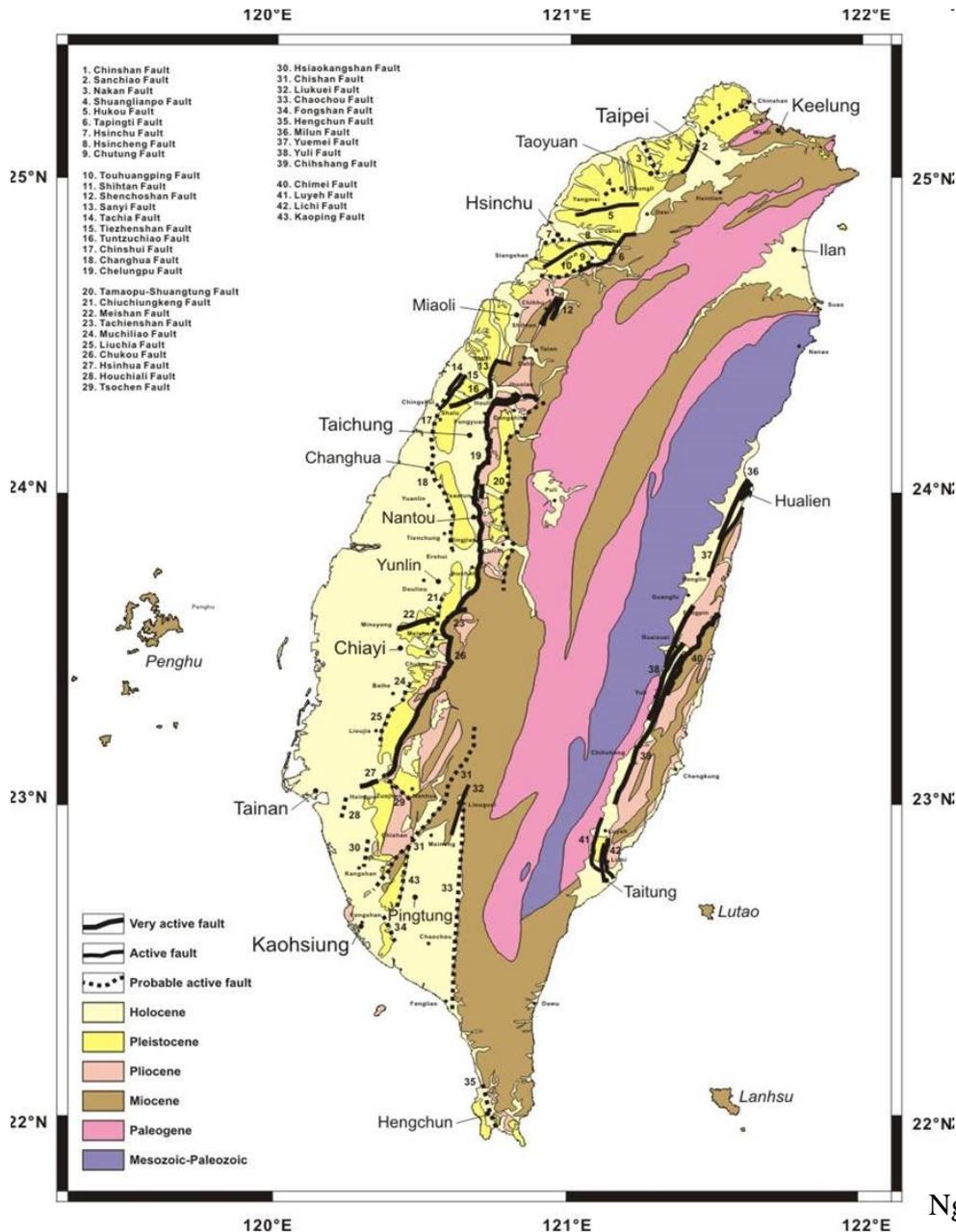
Séisme de Chi chi, M 7,3 en 1999





Taiwan transect

Les failles actives à Taiwan



Angelier et al., 2001

Ng et al., 2009

Erosion, incision, exhumation

