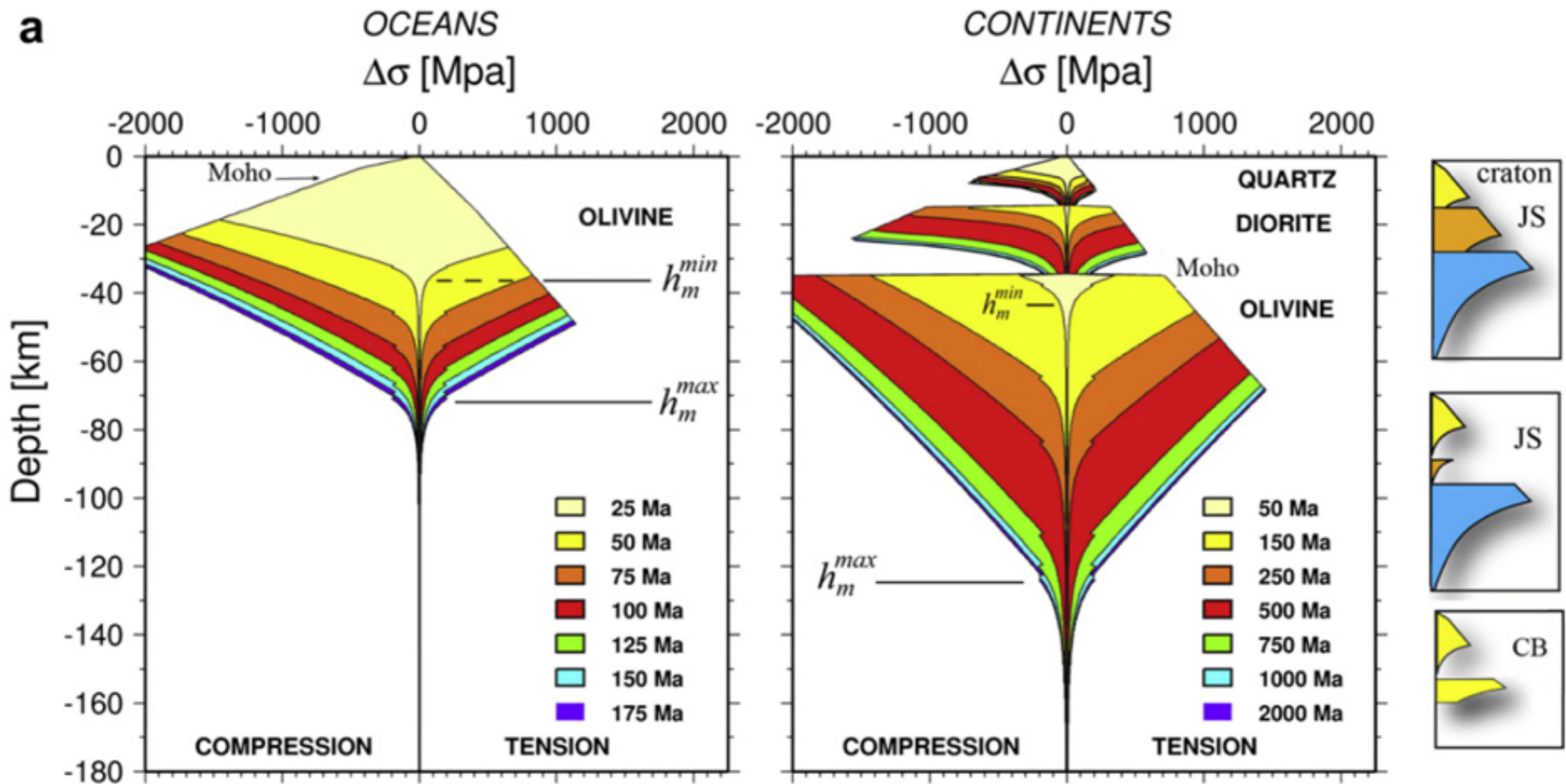


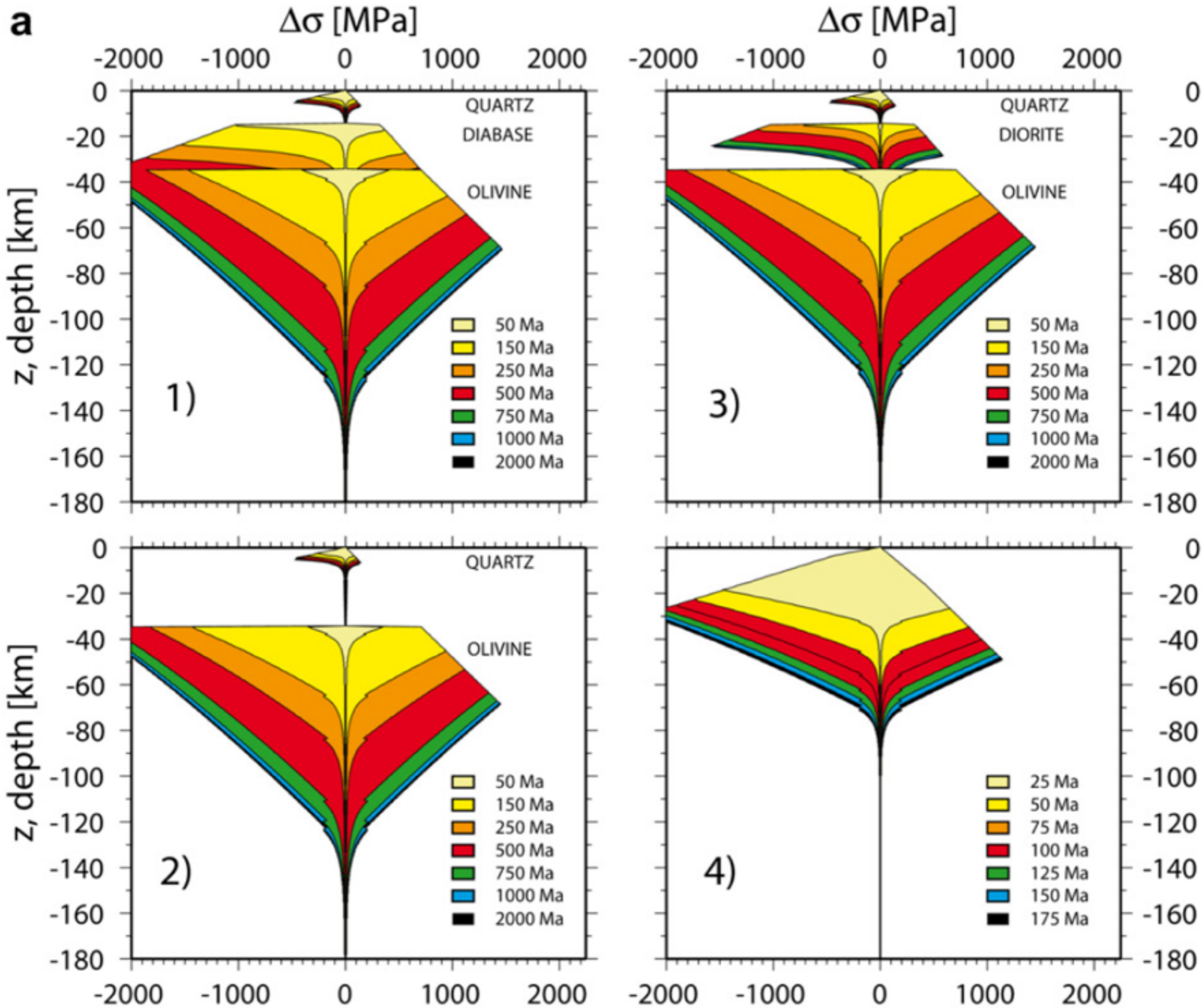
# **Modelos Quantitativos de Bacias Sedimentares**

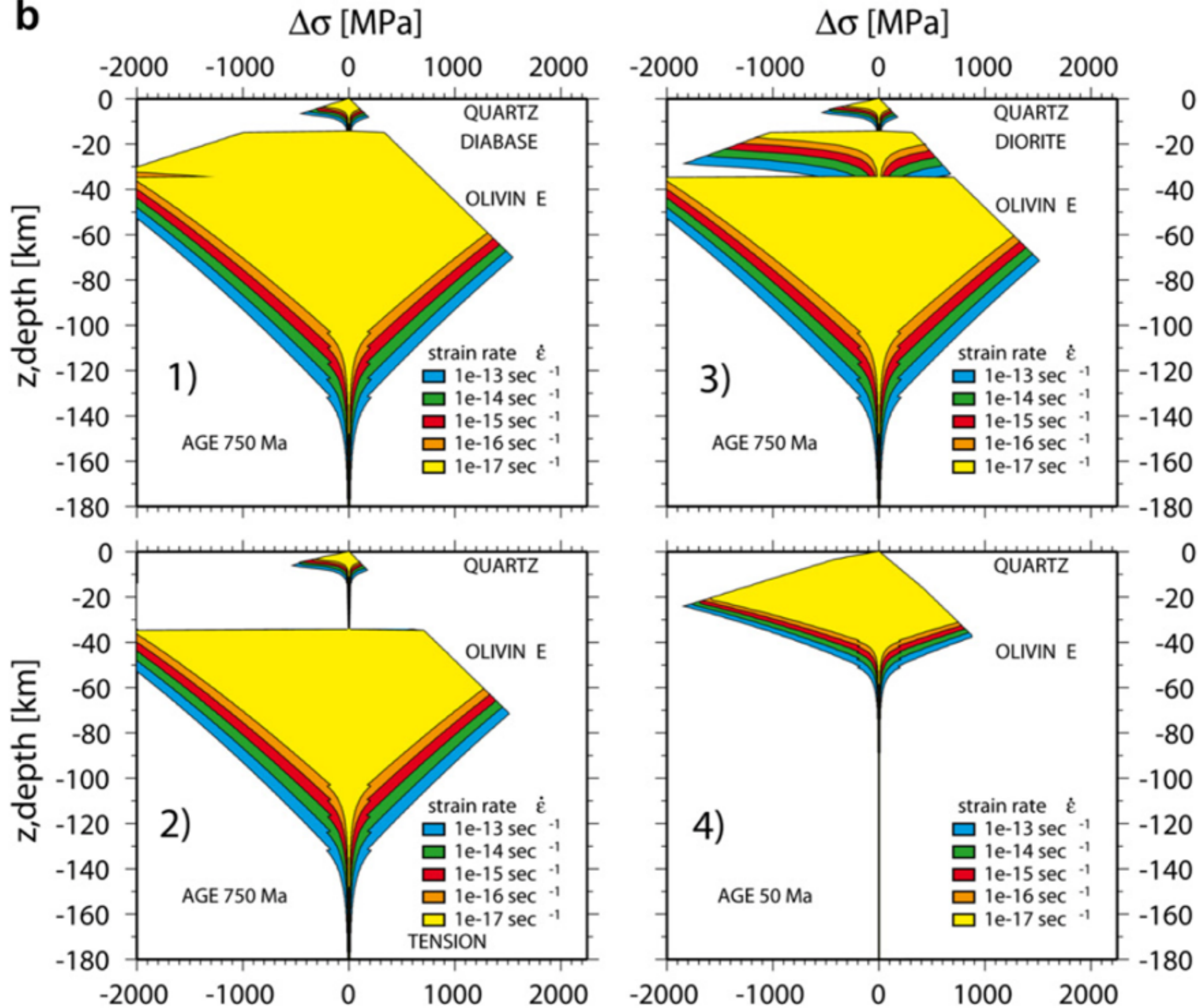
AGG0314

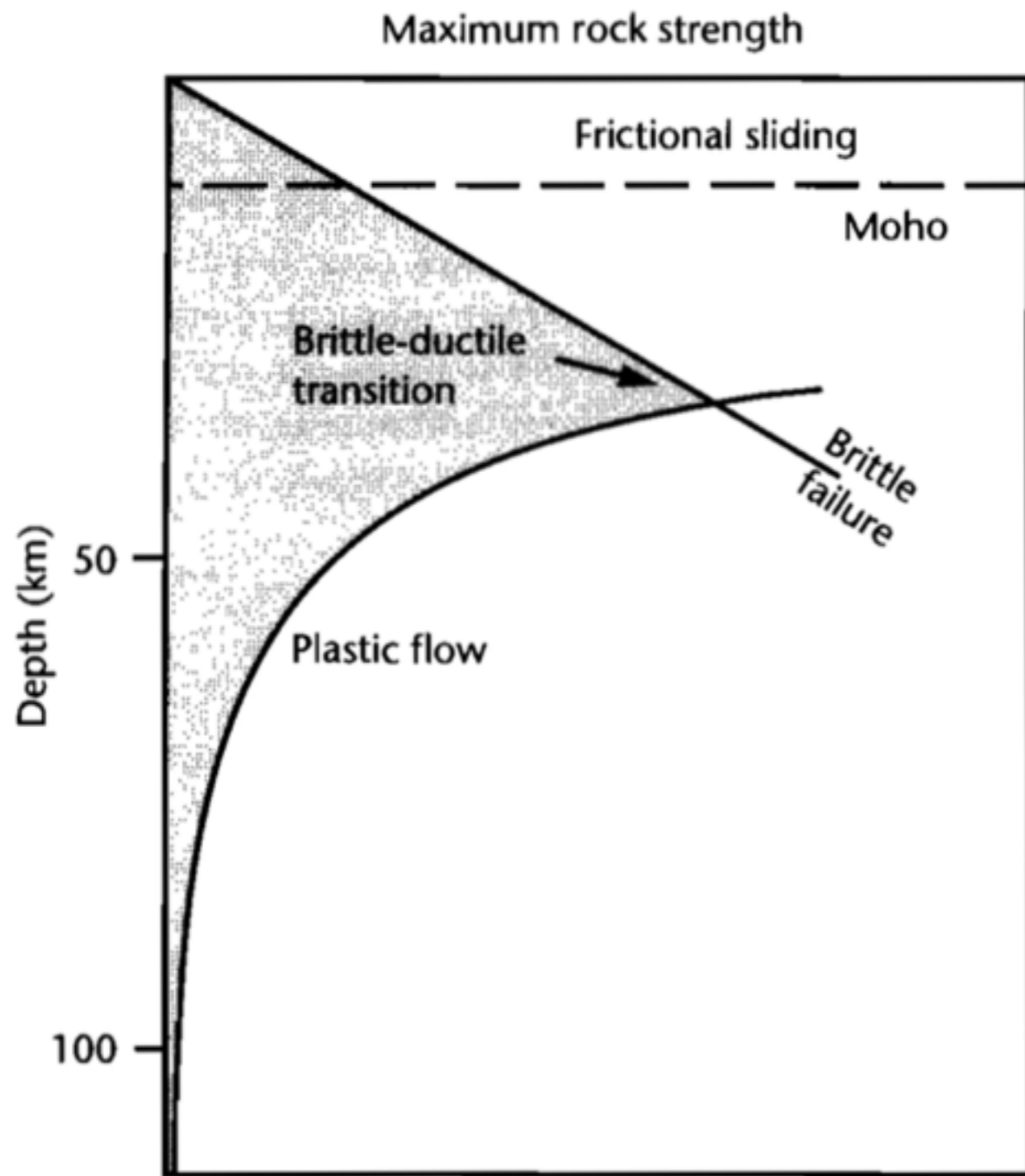
Modelos de extensão continental -  
Parte IV (Modelos termo-mecânicos)



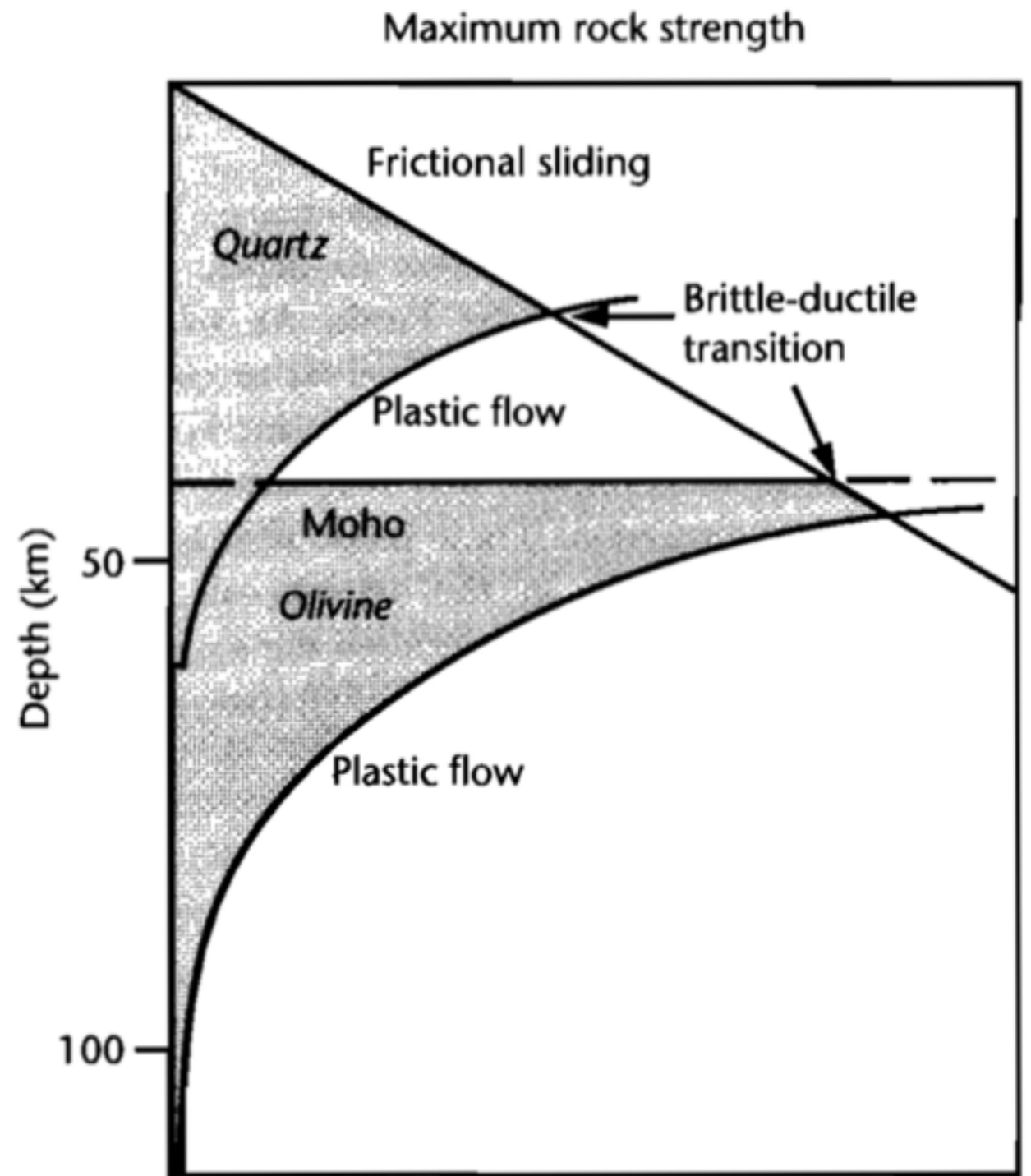
Burov (2011)



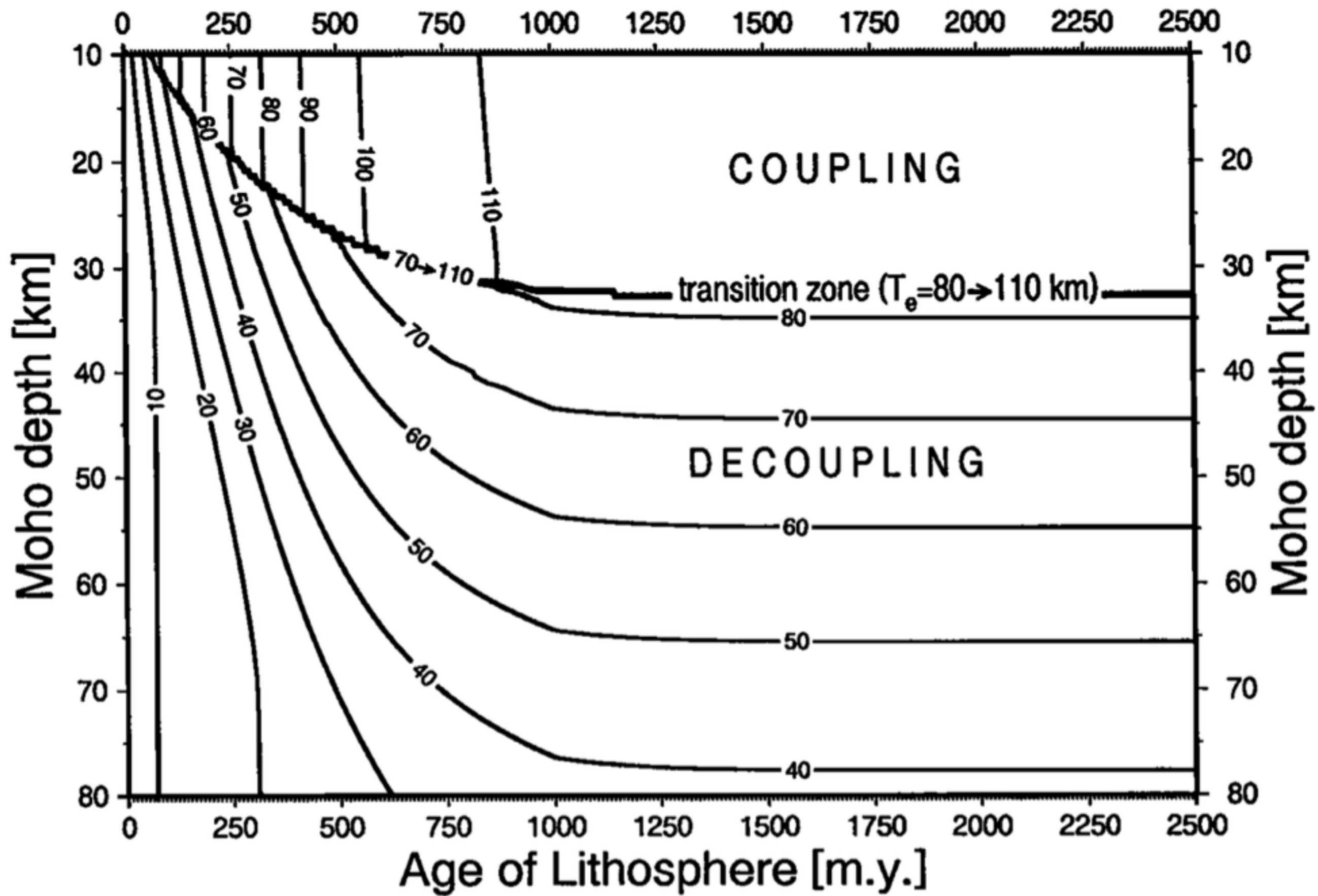
**b**



(a) Oceanic lithosphere



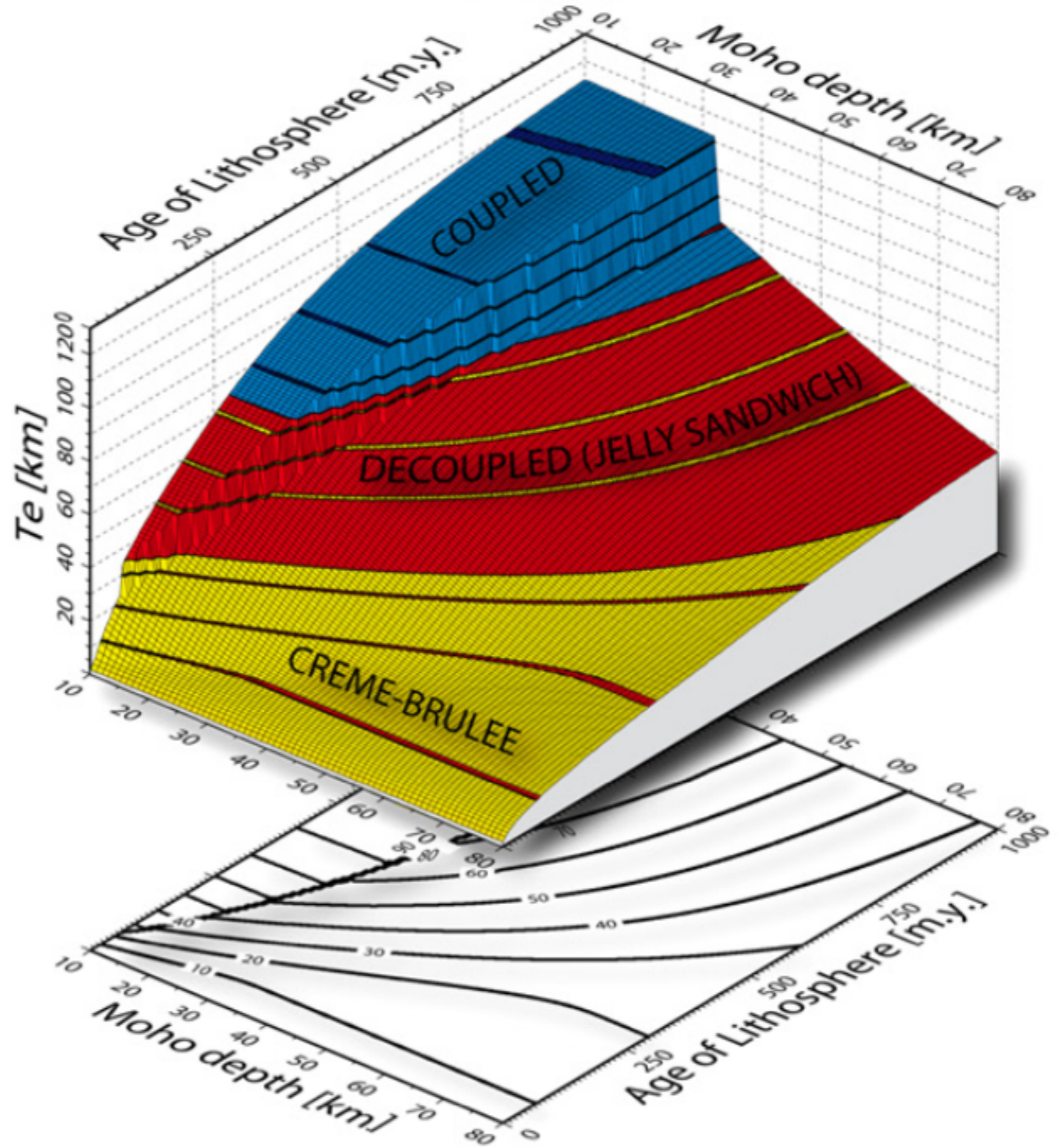
(b) Continental lithosphere



Burov & Diament (1994)

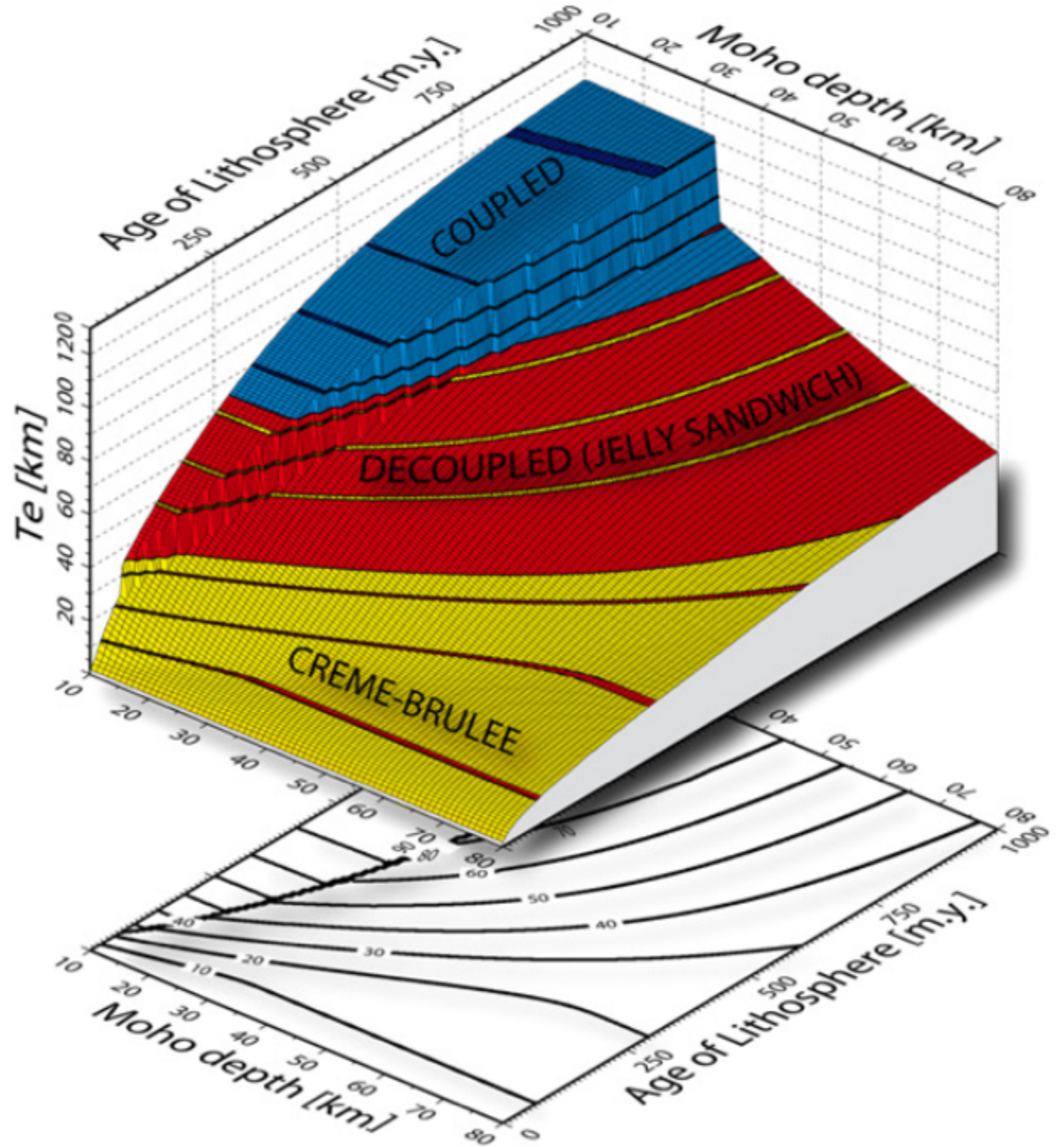
**a**

Unified Integrated Strength ( $T_e$ ) Model of Continental Lithosphere.  
 $a = 250$  km.



**a**

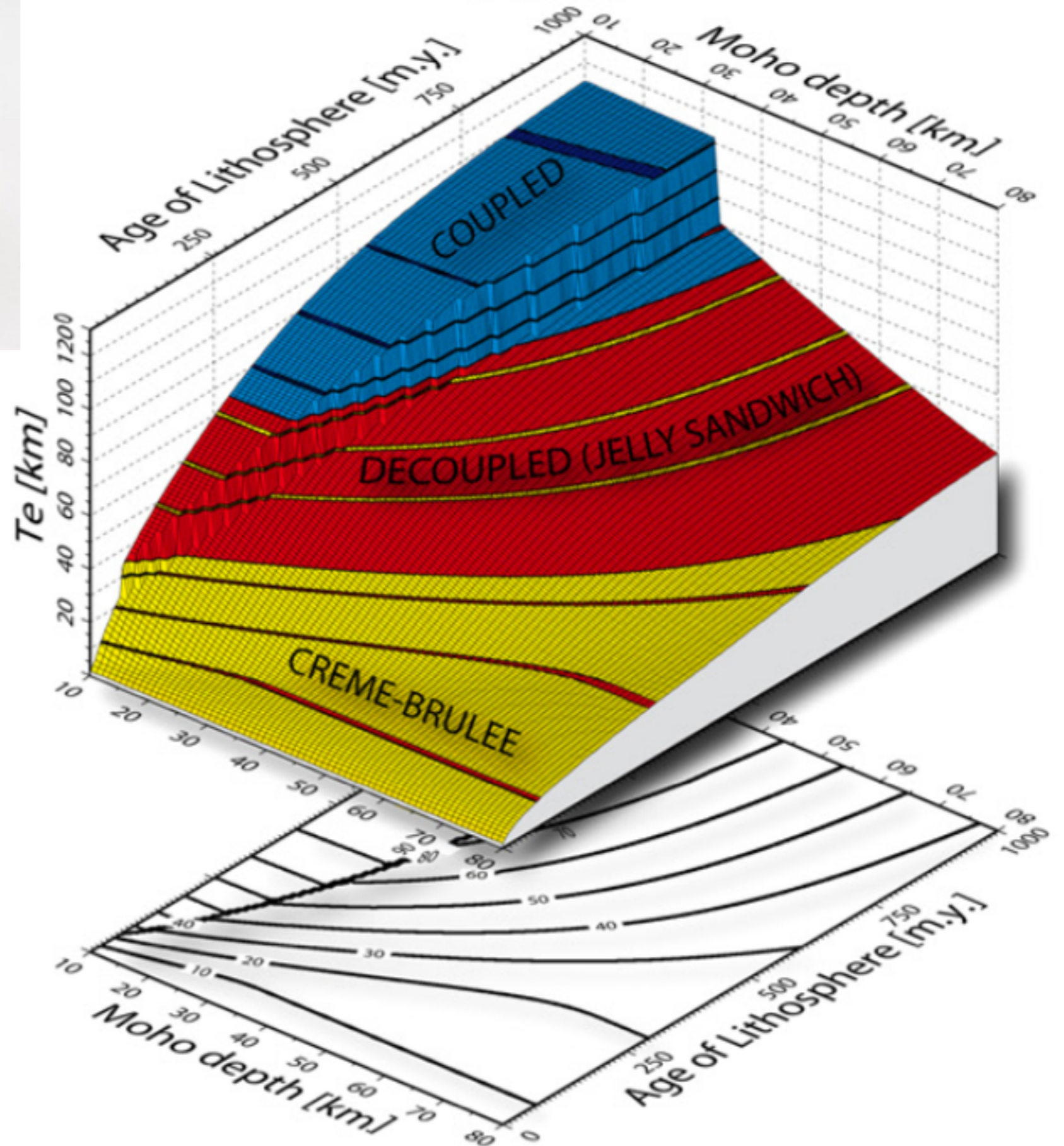
Unified Integrated Strength ( $T_e$ ) Model of Continental Lithosphere.  
 $a = 250$  km.





**a**

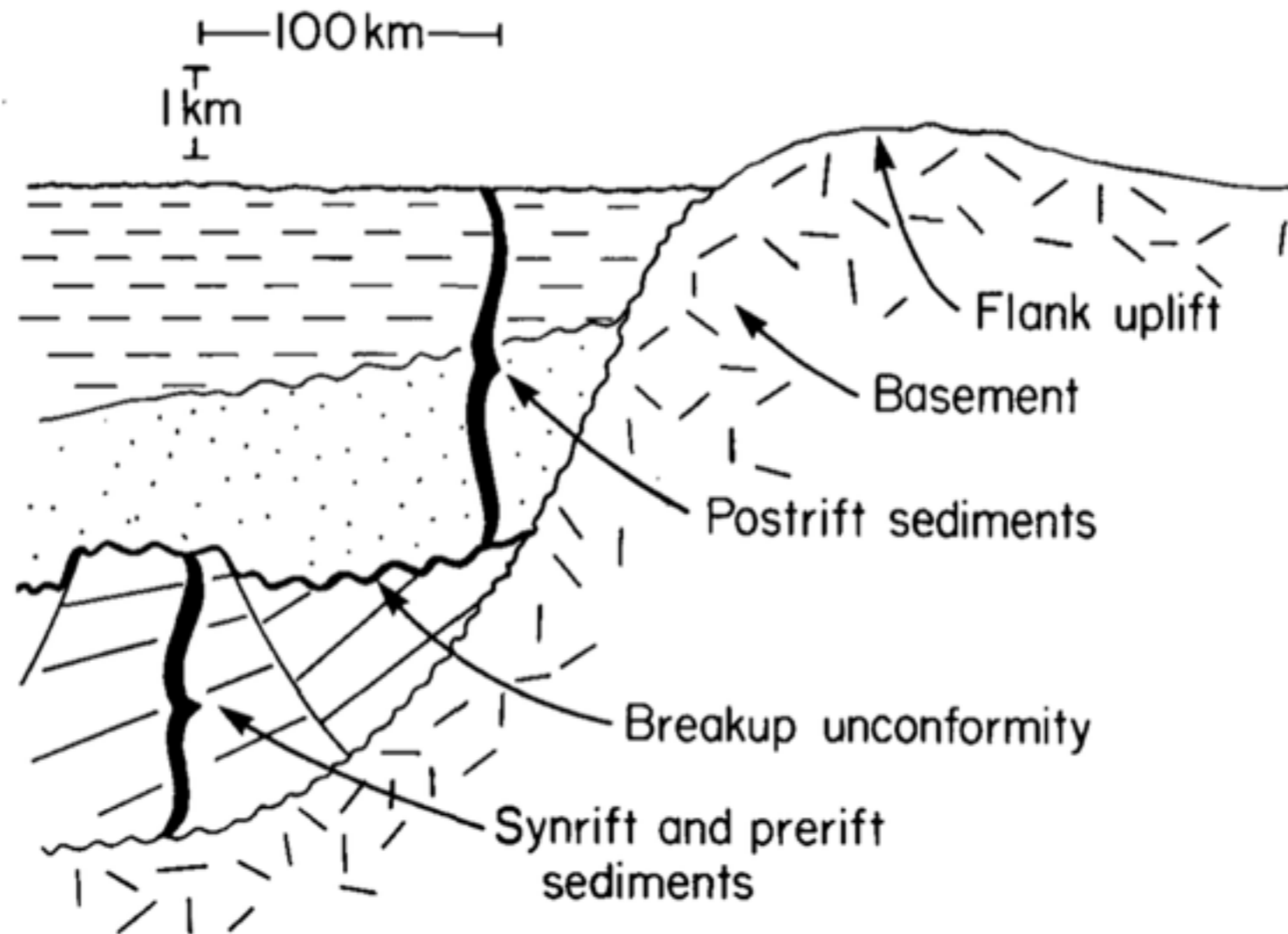
Unified Integrated Strength ( $T_e$ ) Model of Continental Lithosphere.  
 $a = 250$  km.



# A physical explanation of the relation between flank uplifts and the breakup unconformity at rifted continental margins

Jean Braun, Christopher Beaumont

Department of Oceanography, Dalhousie University, Halifax B3H 4J1, Canada

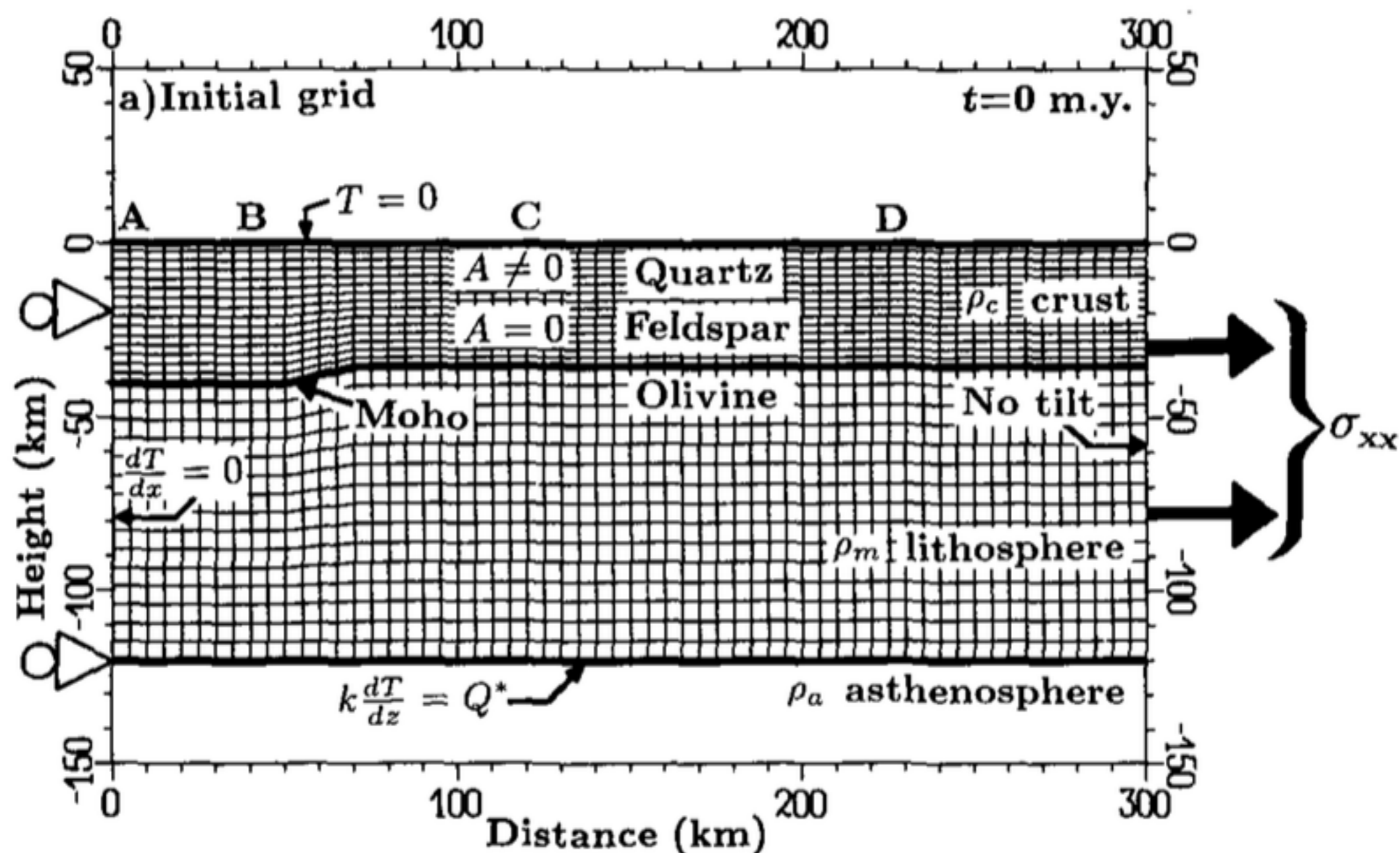


**Figure 1. Diagram illustrating typical features of simple rifted continental margin.**

# A physical explanation of the relation between flank uplifts and the breakup unconformity at rifted continental margins

Jean Braun, Christopher Beaumont

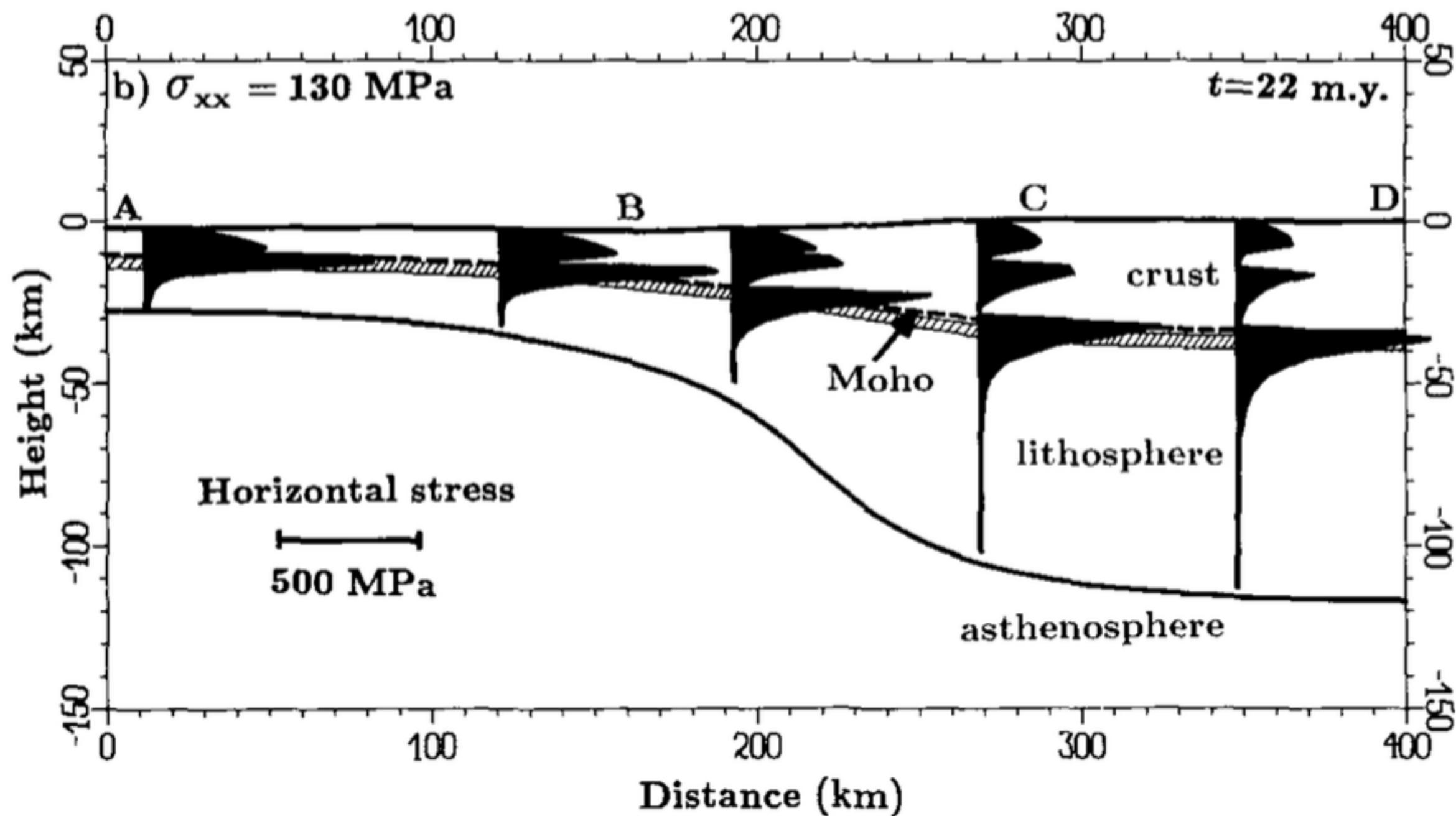
Department of Oceanography, Dalhousie University, Halifax B3H 4J1, Canada



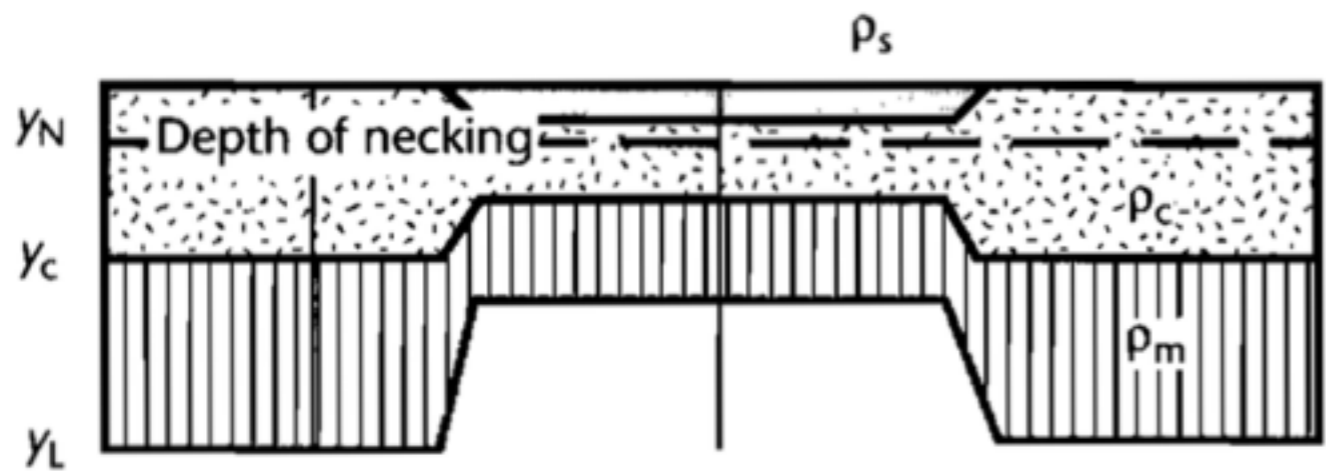
# A physical explanation of the relation between flank uplifts and the breakup unconformity at rifted continental margins

Jean Braun, Christopher Beaumont

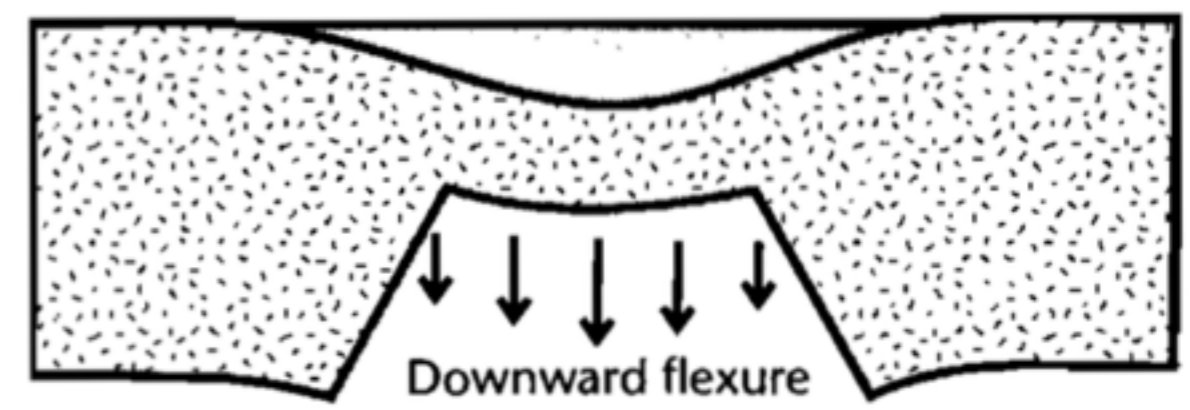
Department of Oceanography, Dalhousie University, Halifax B3H 4J1, Canada



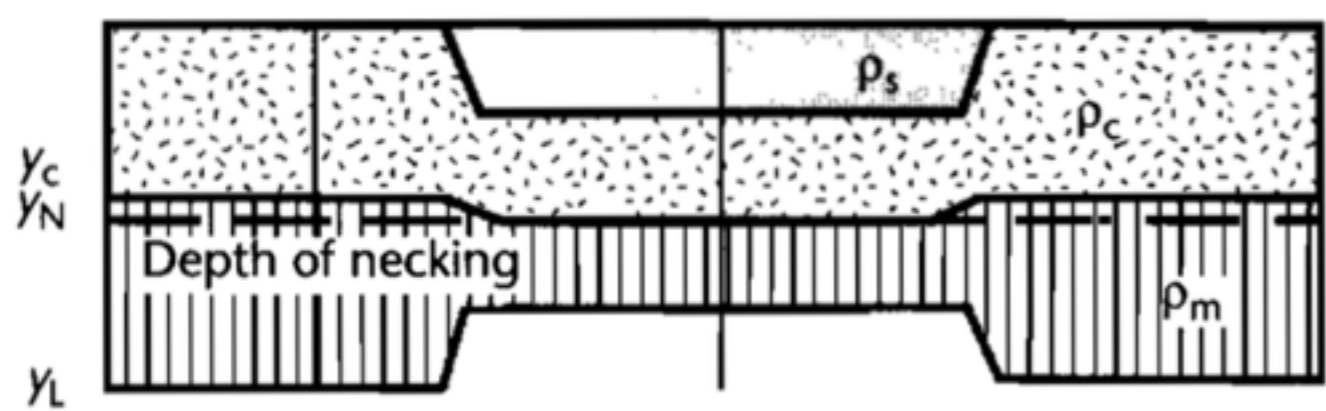
(a) **SHALLOW NECKING DEPTH**



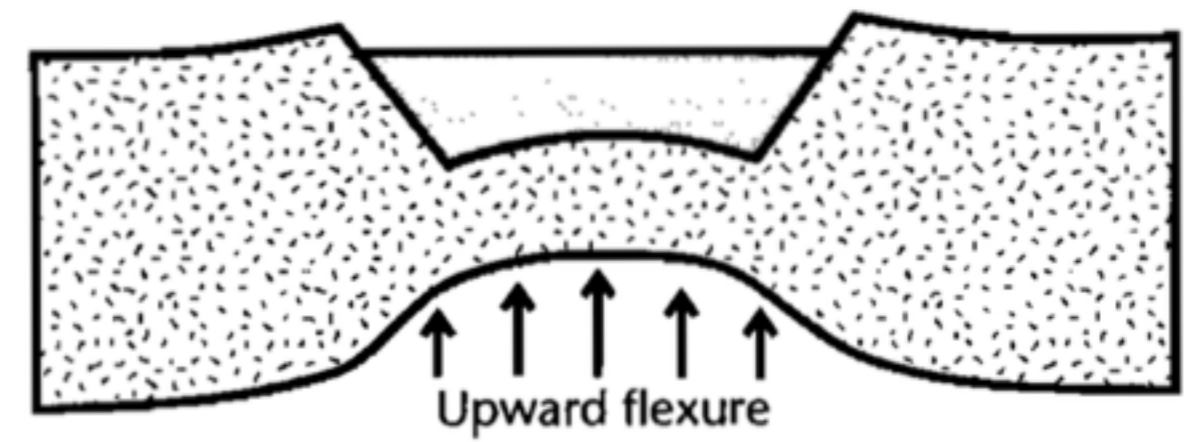
Regional isostatic response

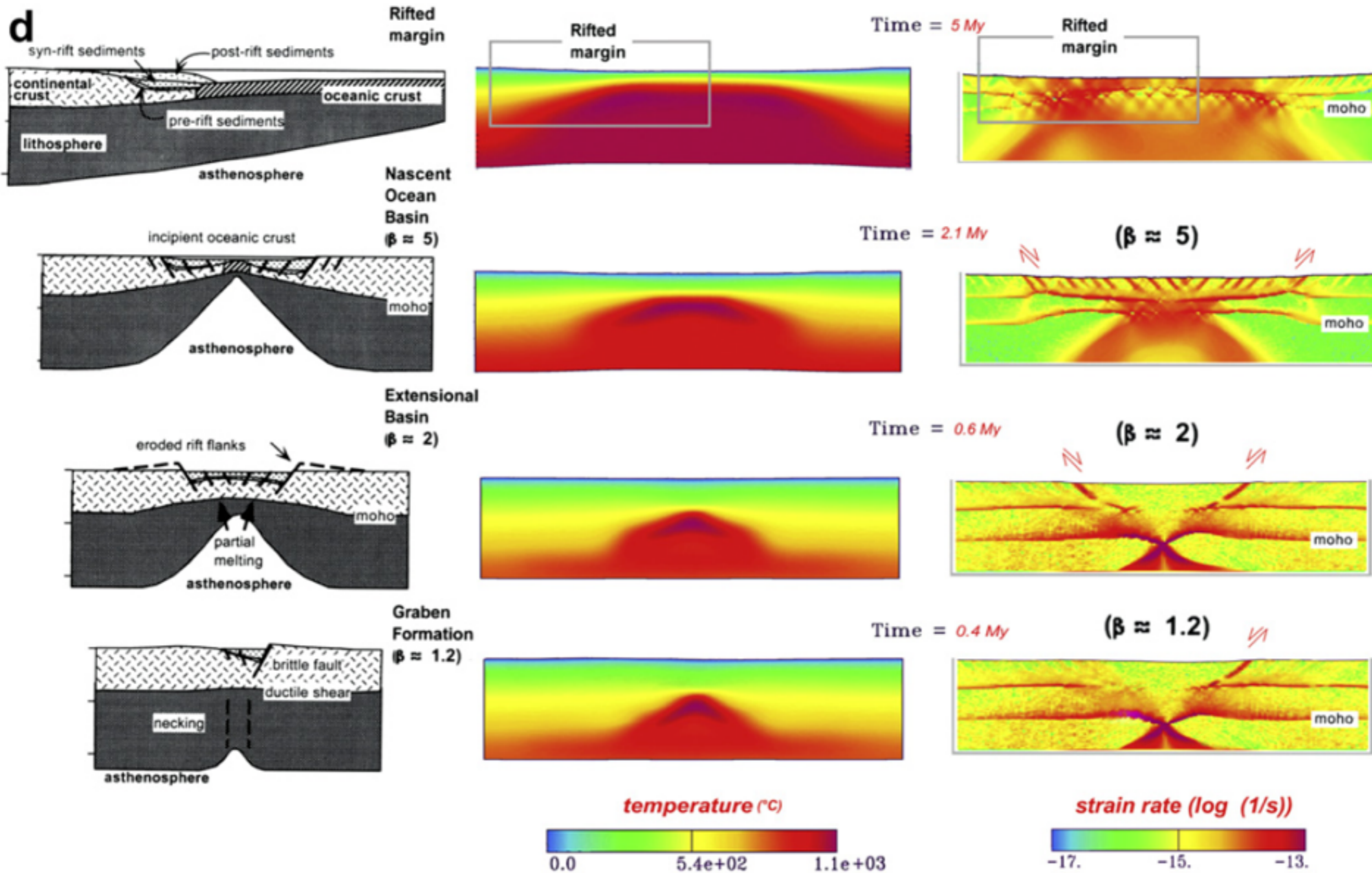


(b) **DEEP NECKING DEPTH**

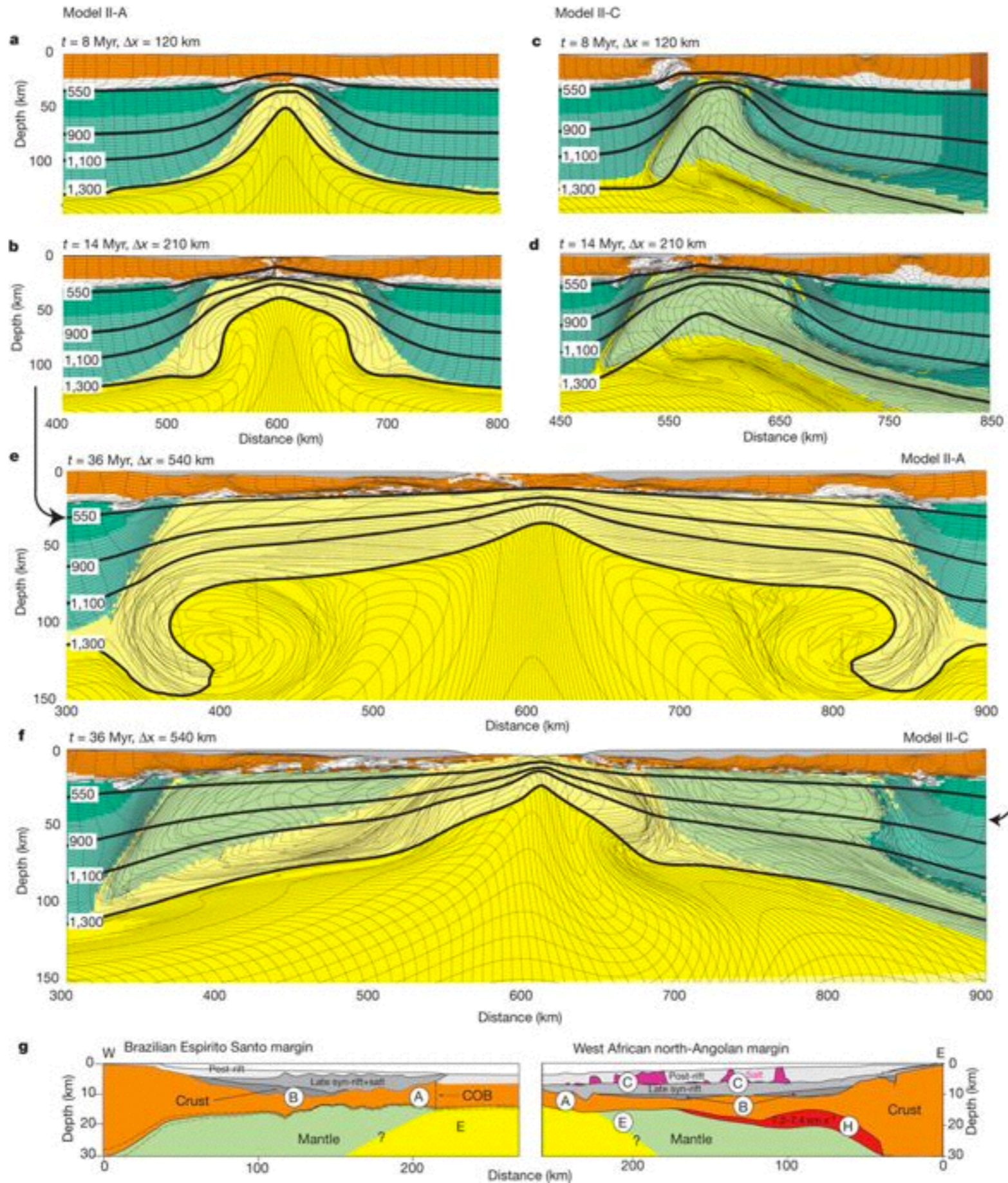


Upward flexure

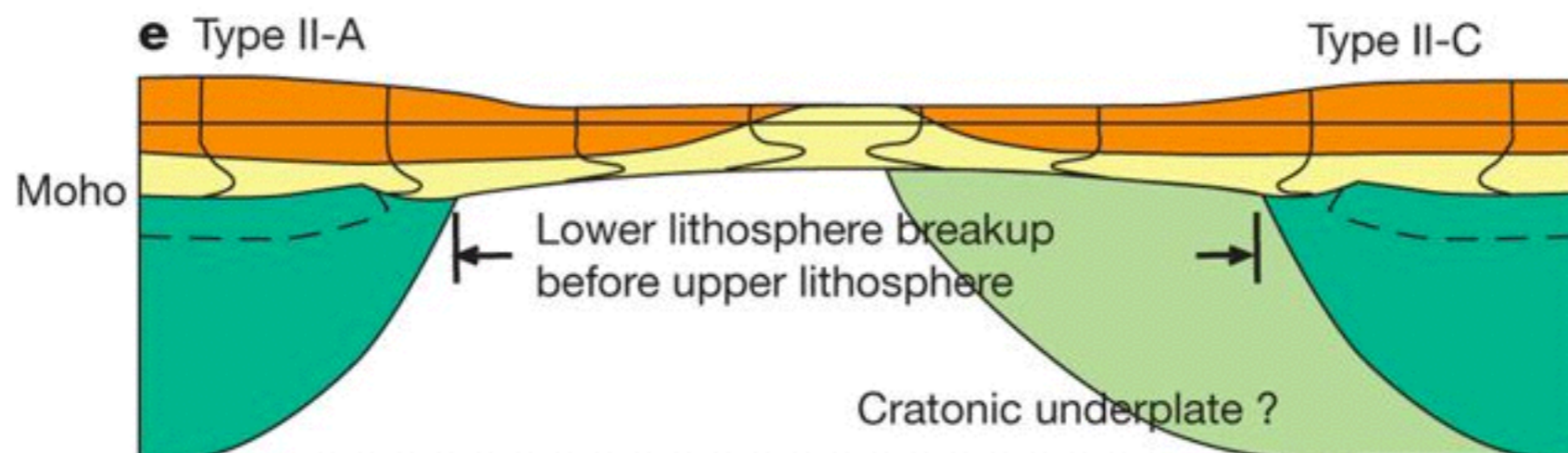
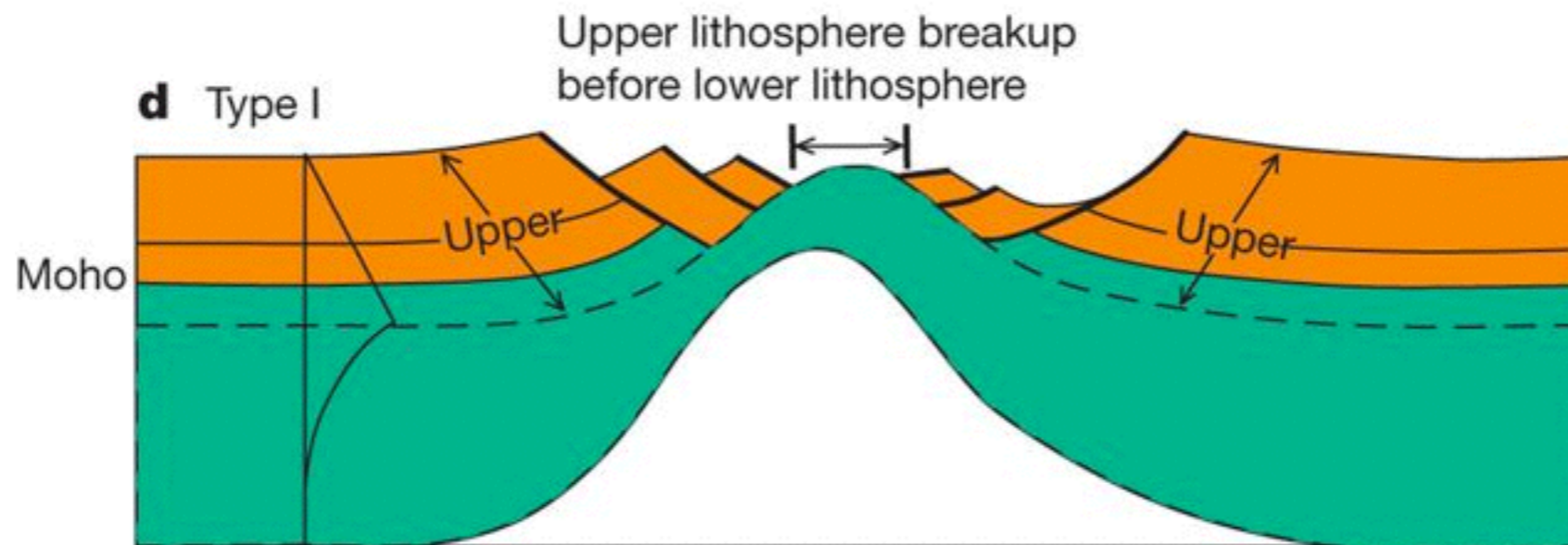
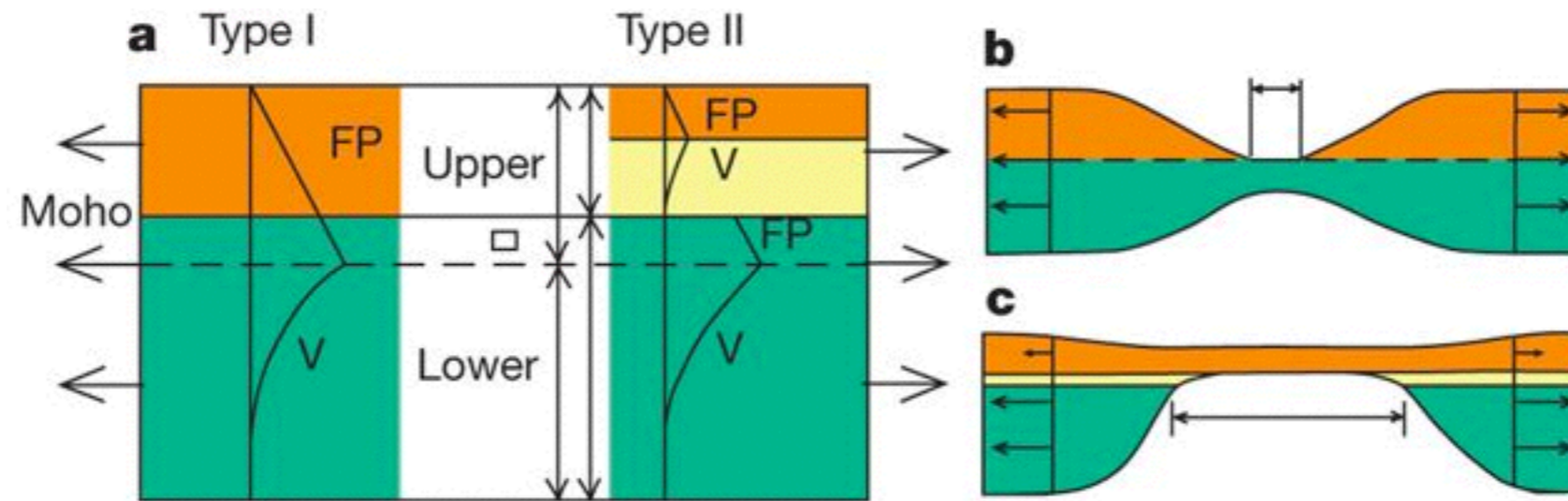




Burov & Poliakov (2001)



Huismans & Beaumont (2011)



Huismans & Beaumont (2011)