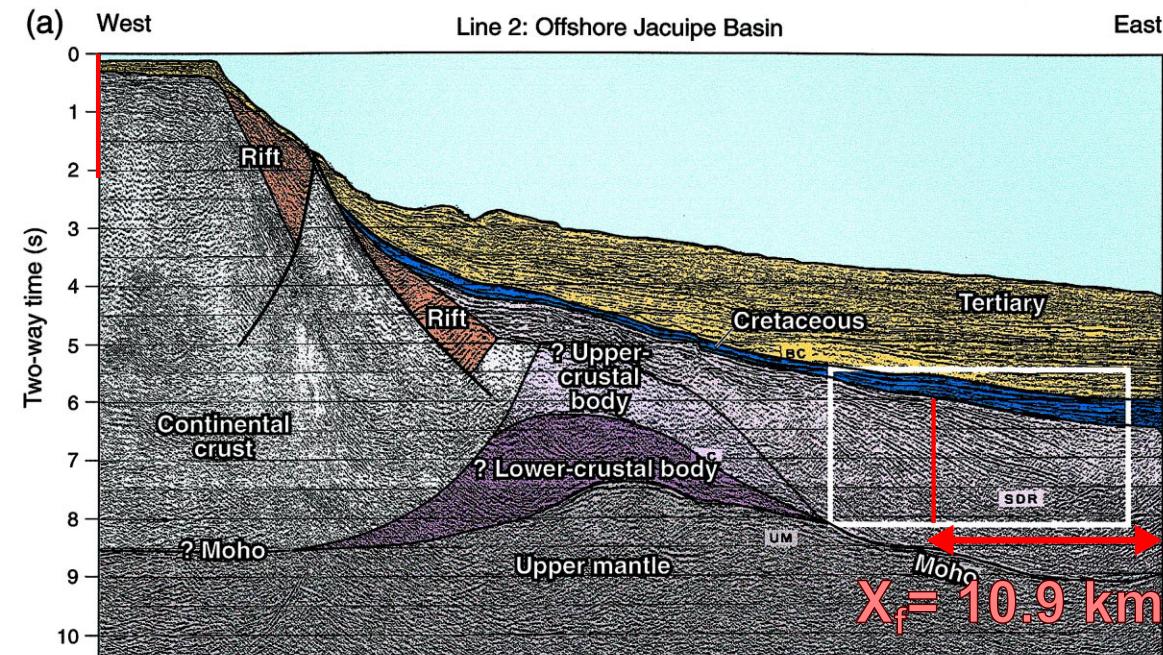
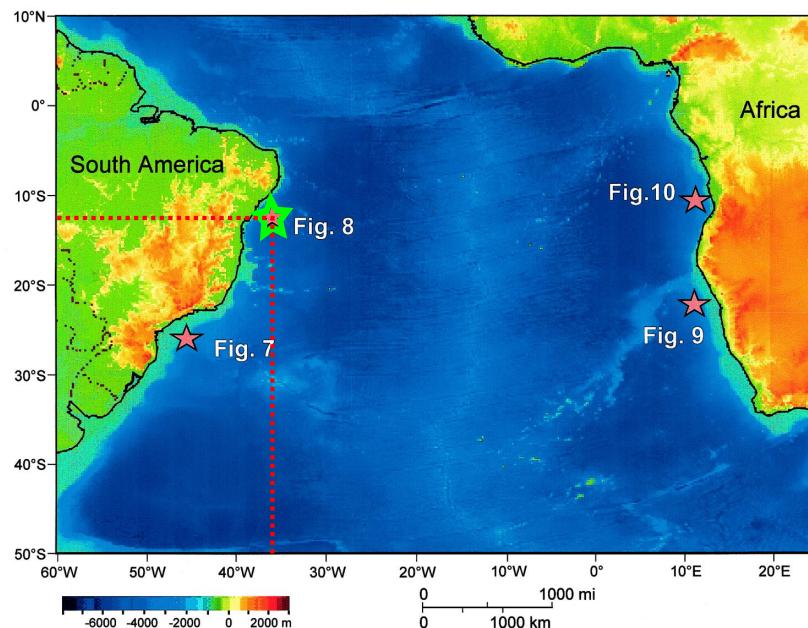
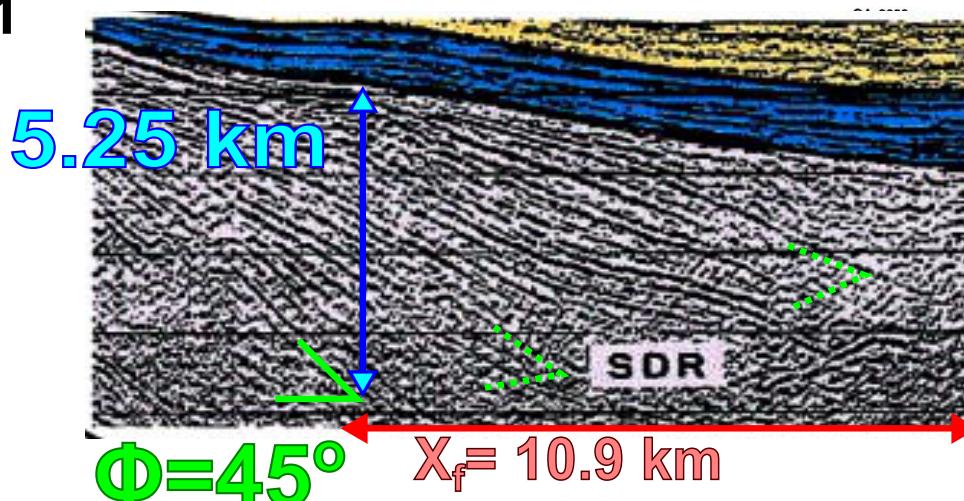


-36.5° -12.5°



VE~1



VE~1.1
 $Y = 2.1/2$
 $= 1.05 \text{ s}$
 $\rightarrow 5.25 \text{ km}$
 $H = 58.2 \text{ px}$
 $L = 50.6 \text{ px}$
 $X = 5 \text{ km}$

Jackson et al., MPG, 2000 fig. 8 Brazil TWTT

$-36.5^\circ -12.5^\circ$

$X_f = 10.9 \text{ km}$

$Ws(X_f) = 5.25 \text{ km}$

$\Phi = 45^\circ$

$Te_{xf} = 558 \text{ m}$

$\alpha_{xf} = 6939 \text{ m}$

$Te_Y = 754 \text{ m}$

$\alpha_Y = 8693 \text{ m}$

$Te_{avg} = 656 \text{ m}$

$\alpha_{avg} = 7816 \text{ m}$

$Te_{err} = -35\%$

$Hd = 3916 \text{ m} (\text{from } \Phi \text{ and } Te_{avg})$