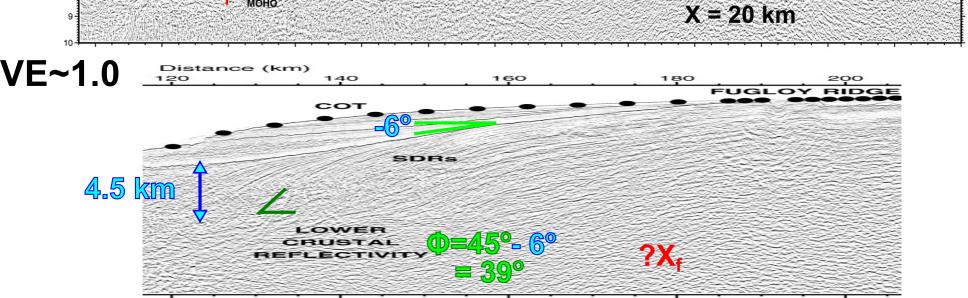
-4.0° +62.5° $X_f = ? km$ $Ws(X_f) = 4.5 \text{ km}$ $\Phi = 39^{\circ}$ NORWEGIAN BASIN $Te_{xf} = ? m$ $\alpha_{xf} = ? m$ FAROE ISLANDS 62°N LOPRA-1/1A $Te_{v} = 813 \text{ m}$ CELAND **BASIN** 60°N $\alpha_{\rm v} = 9201 \text{ m}$ HATTON BANK $Te_{avq} = ? m$ $\alpha_{avg} = ? m$ 12°W 20°W 16°W $Te_{err} = ?\%$ -5000 -4000 -3000 -2000 -1000 Hd = 3725 m (from Φ and Te_{avg}) Distance (km) NW 100 **FUGLOY RIDGE FAROE-SHETLAND** TROUGH **Profile 1 NORWEGIAN SEA** Two Way Travel Time (s) BASALT VE~3.2 ESCARPMENT OCEANIC Y = 1.8/2LAYER 2

Eccles et al., 2011 fig. 4 Faroes TWTT

SE 260

= 0.9 s

--> 4.5 km



LOWER

CRUSTAL REFLECTIVITY

3.8s

 $-->h_d = 9.5 \text{ km}$