10. Refraction Seismology
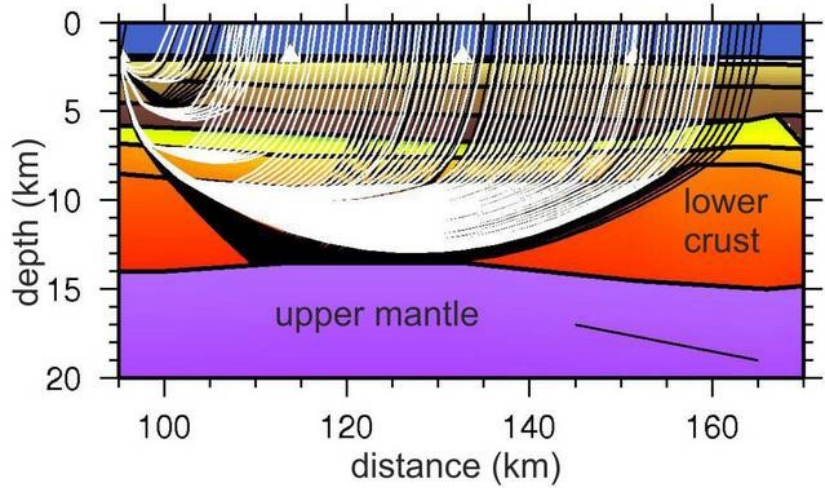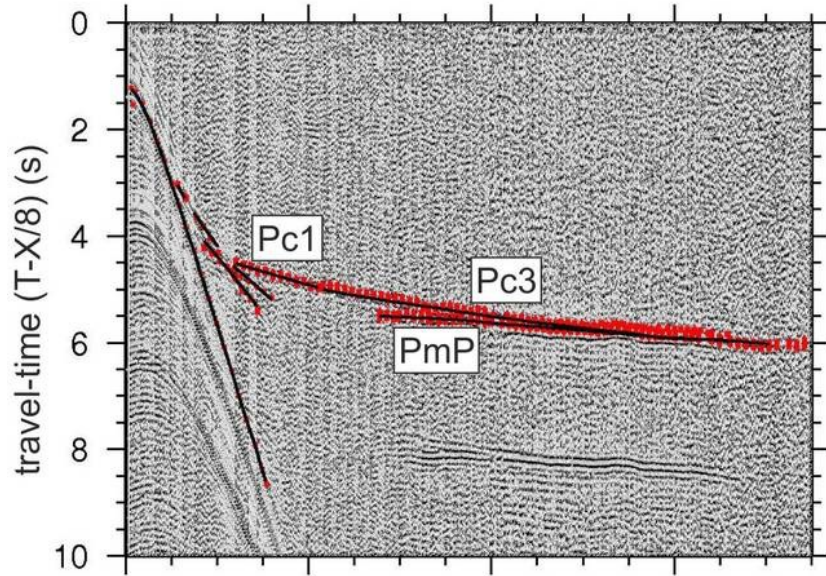
M. Ravasi | **ERSE 210 Seismology**
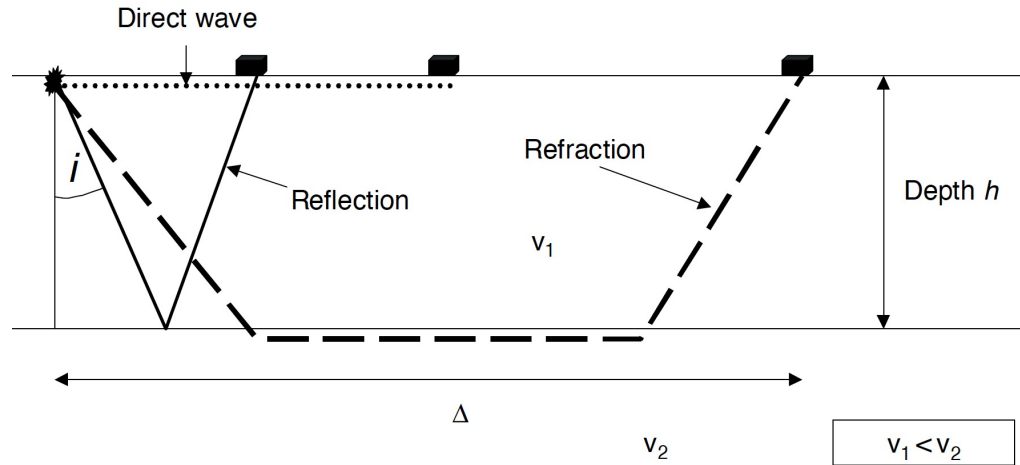
Seismic recordings

Direct wave

Refracted waves

Reflected waves
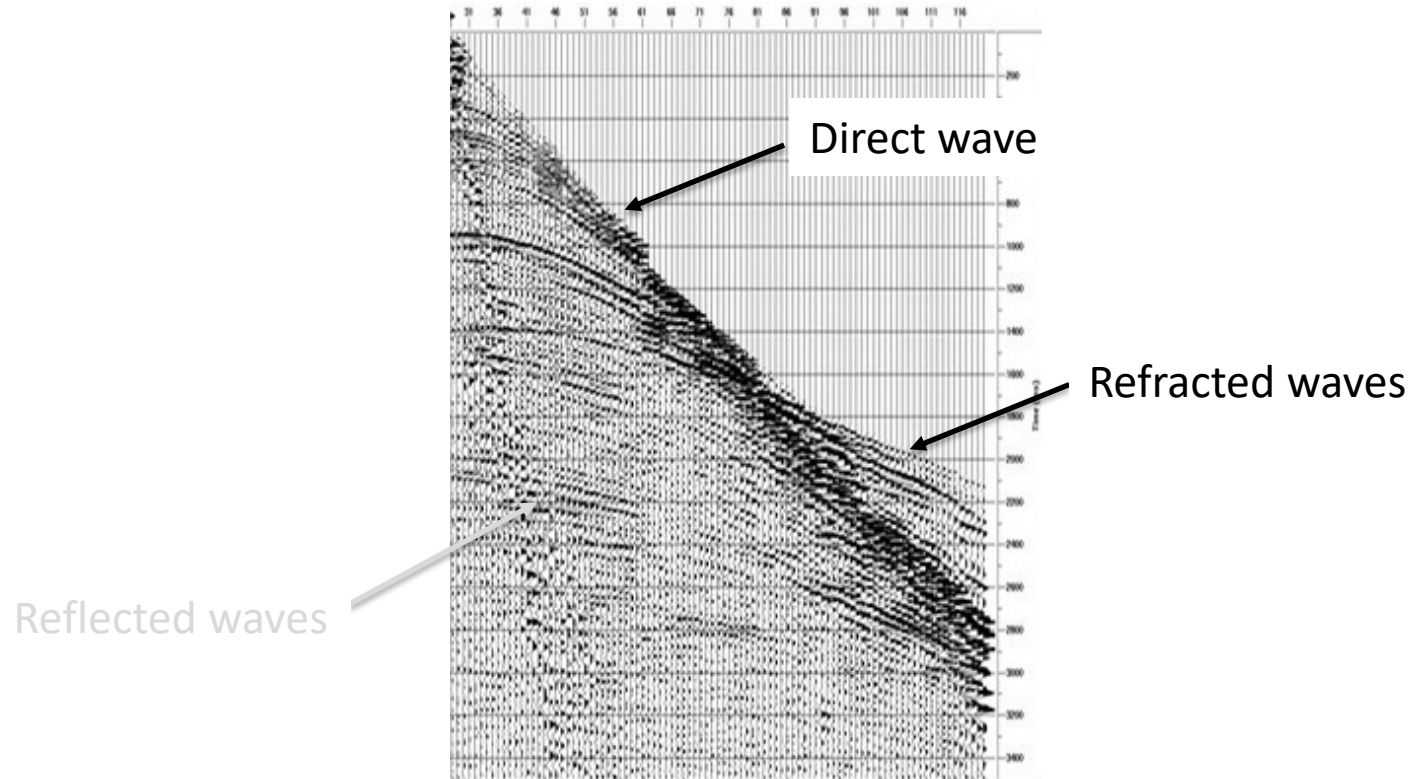
Refracted Waves in OBS

Refraction seismic – 2 layers

$$t_{refr}(\Delta) = \frac{\Delta}{v_2} + \frac{2h}{v_1} cos\theta_c \qquad h = \frac{t_{refr}(\Delta = 0)v_1}{2cos\theta_c}$$