

Parameters used in mod_simpleslab

Parameter	Description	Units
slab_dip	Dip of slab from horizontal (deg)	deg
slab_dist	Epicentral Distance to slab (deg)	deg
slab_len	Length of slab (end to end) (km)	km
slab_thick	Thickness of slab (km)	km
slab_v	Slab velocity (dVs - % difference from mantle)	%
slab_rho	Slab density (dρ - % difference from mantle)	%
gradient	0=no gradient; 1=gradient	(0,1)

Notes:

gradient: If gradient is turned off, then the slab takes on a constant velocity and/or density jump within the slab region. If gradient is turned on the slab velocity and/or density has a Gaussian profile, with the velocity and/or density reaching its maximum value in the center of the slab.

