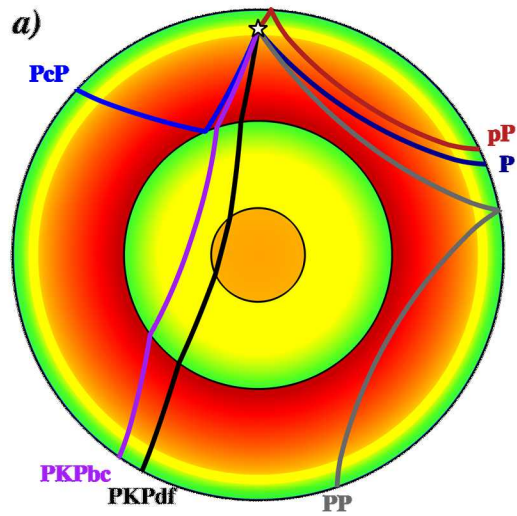




SALSA3D Global and Regional 3D Tomography

SALSA3D Tomographic model (www.sandia.gov/salsa3d)

- Unique capability to compute full covariance matrix
- Recently updated and validated model using additional phases
- Applied inversion methods to local tomography of Utah

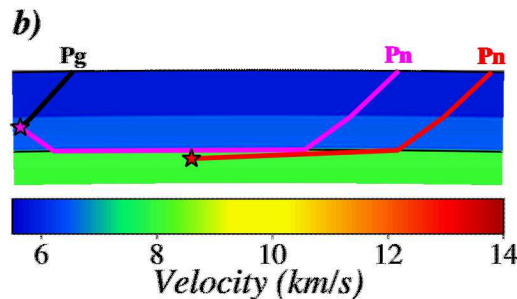


c) SALSA3D V2

Phase	Number	Percent
P	7,517,183	76
Pn	2,436,049	24

SALSA3D V3

Phase	Number	Percent
P	7,517,183	60
Pn	2,436,049	20
PKPpdf	808,001	6
pP	607,032	5
PP	423,675	3
PKPbc	379,044	3
PcP	283,123	2



Utah Model

Phase	Number	Percent
Pg	14,620	100

