

April 26, 2010

Yellowstone papers discussion notes

Presenter - Patty Lin

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Wicks et al. (2006)

Overall, model fits data, but how broadly was model space explored?

How is the phrase "sill" used? Is it truly a sill or just an intrusion in the model?

Chu et al. (2010)

Synthetic seismograms were drawn in Illustrator and are not correct. Presumably these were traced from data plots.

Figure 3 - data fit to model is good. Would be nice to see error estimates for results before comparing to theoretical curves.

What other models could explain polarity reversals besides "wraparound" phases?

Could this just be another set of structures (maybe strong layering) to the sides of the main LVZ structure?

Do the data require that the LVZs at different depths be connected?

Yuan and Dueker (2005)

Streaking in image - real or artifact?

Is the downwarping in 410 related to tomography noncorrection?