



Fig. 3. Distribution of the regularization parameter with depth.

IV. CONCLUSIONS

Our investigations have shown:

1. Analysis of the morphology of the regional single negative gravity anomaly Sierra Nevada at different altitudes characterizes general law of the regularization parameter distribution. That is narrow range of its values: 0.07 – 0.2.
2. The small variations of the regularization parameter reduce to big variations of transformed gravity field.
3. The authors suggest to use the results of this research for solving the gravity inverse problem for multilayered earth crust on the Arctic Urals.

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