



UNITED NATIONS
UNIVERSITY

UNU-GTP

Geothermal Training Programme

Orkustofnun, Grensasvegur 9,
IS-108 Reykjavik, Iceland

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Number 6

**APPENDICES TO THE REPORT:
TEM AND MT RESISTIVITY SURVEYING: DATA ACQUISITION,
PROCESSING AND 1D INVERSION WITH AN EXAMPLE FROM
HÁGÖNGUR GEOTHERMAL FIELD, MID-ICELAND**

By

Ali Soumail Abdou

Geological Bureau of Comoros

Ministry of Energy

CEFADER-Mde

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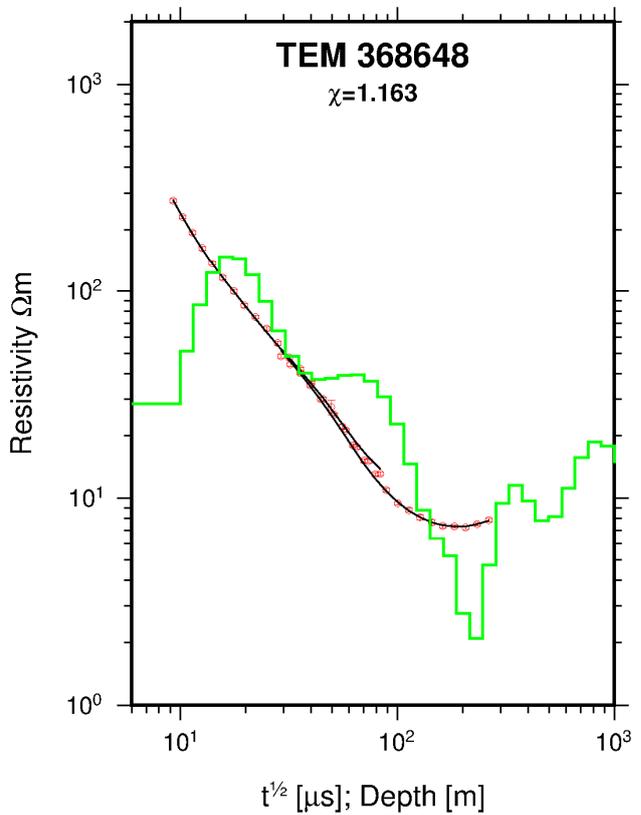
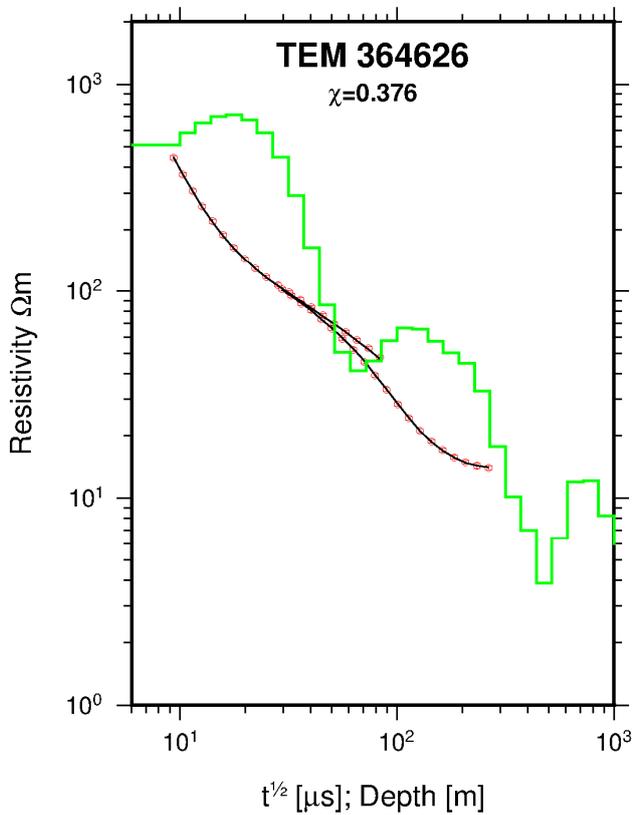
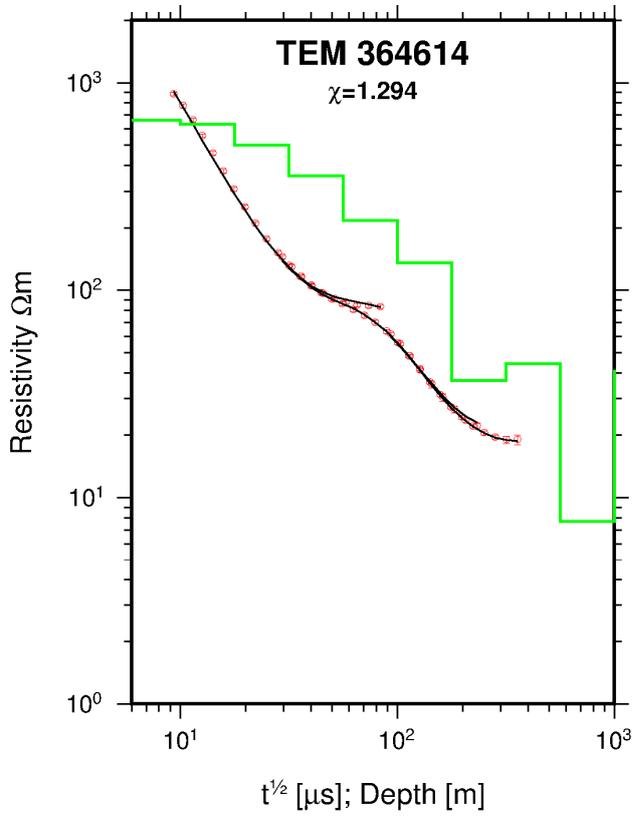
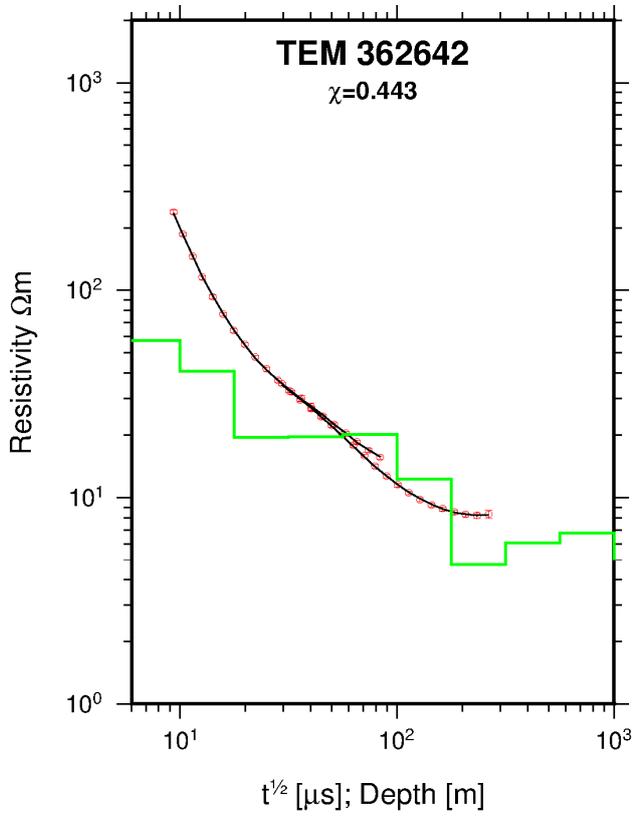
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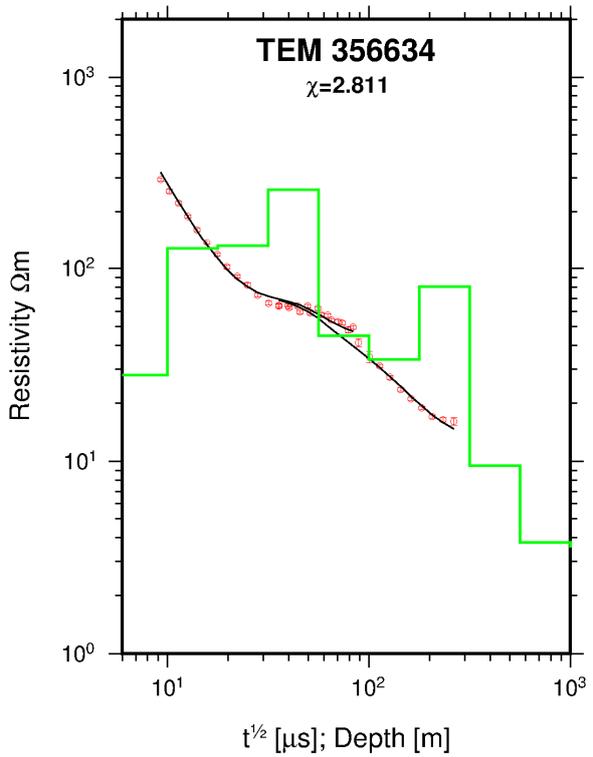
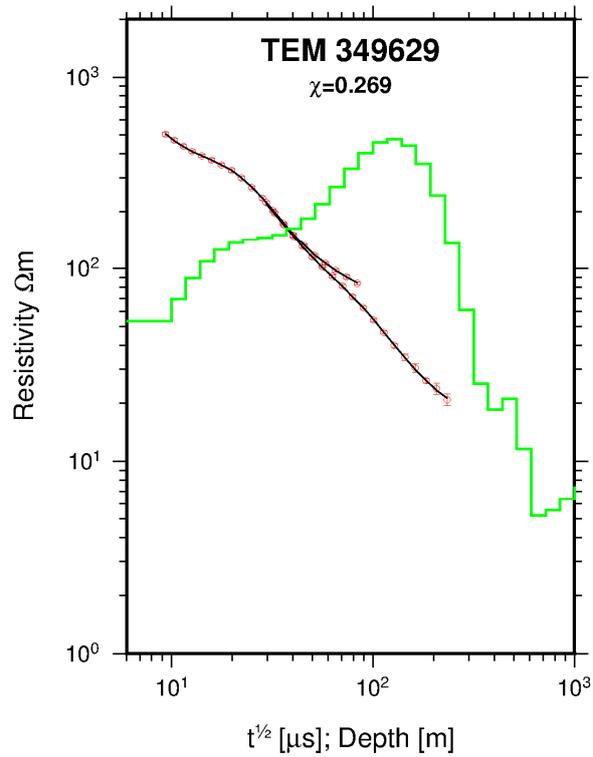
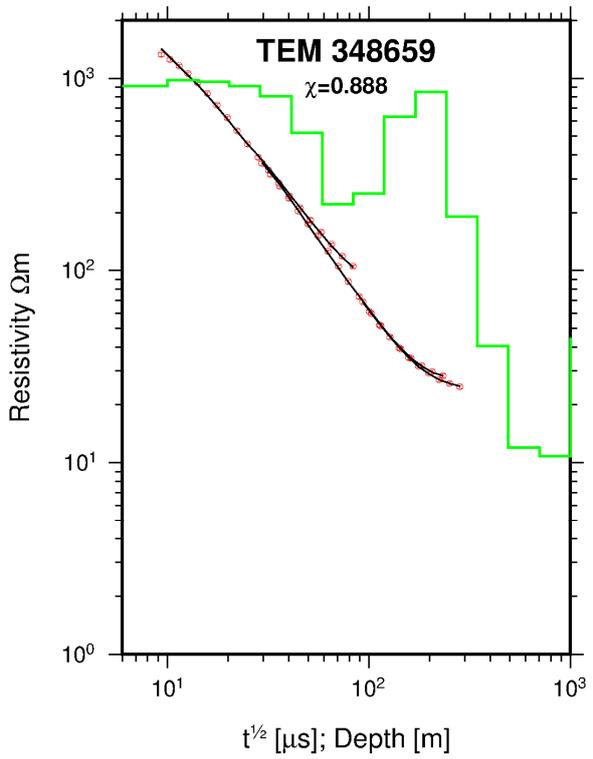
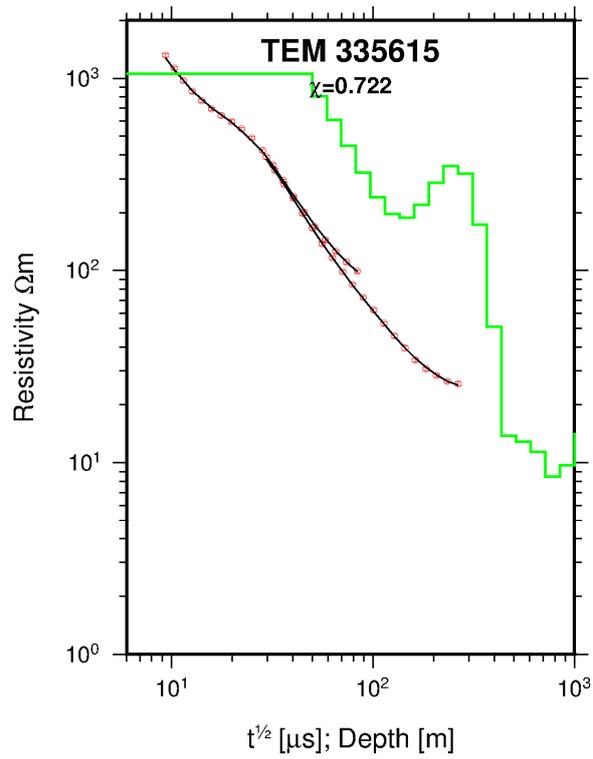
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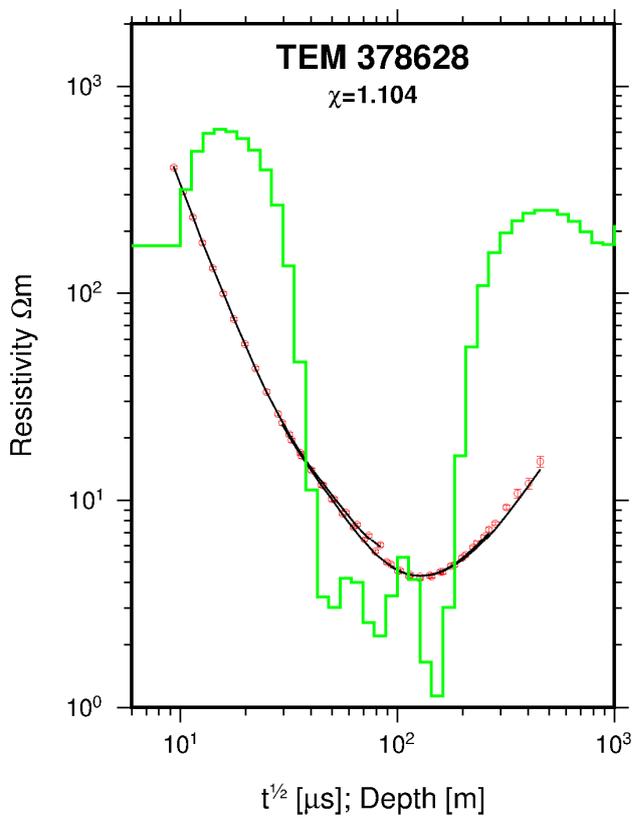
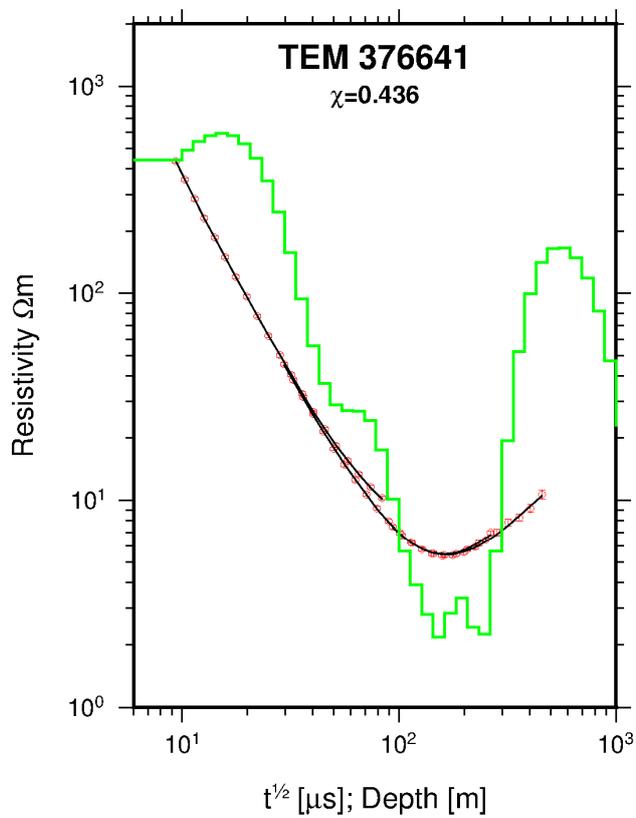
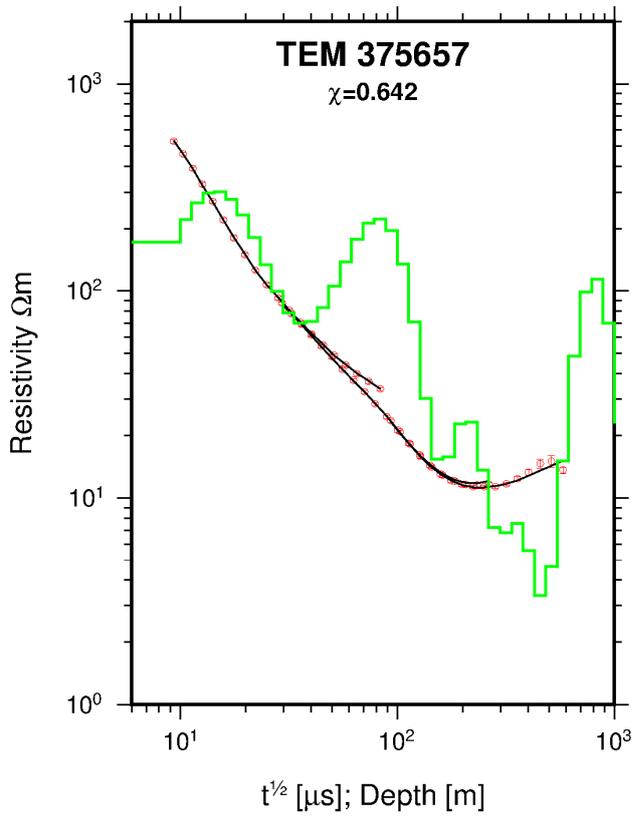
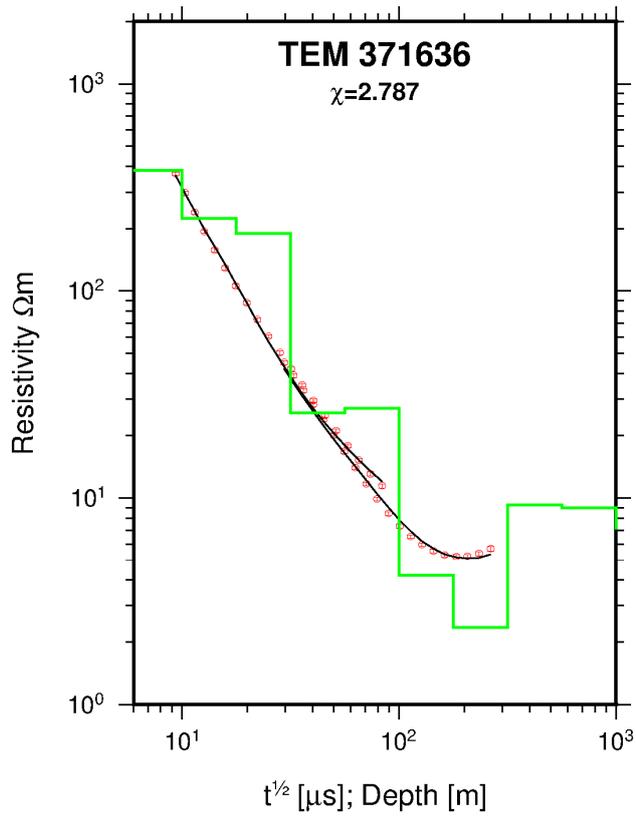
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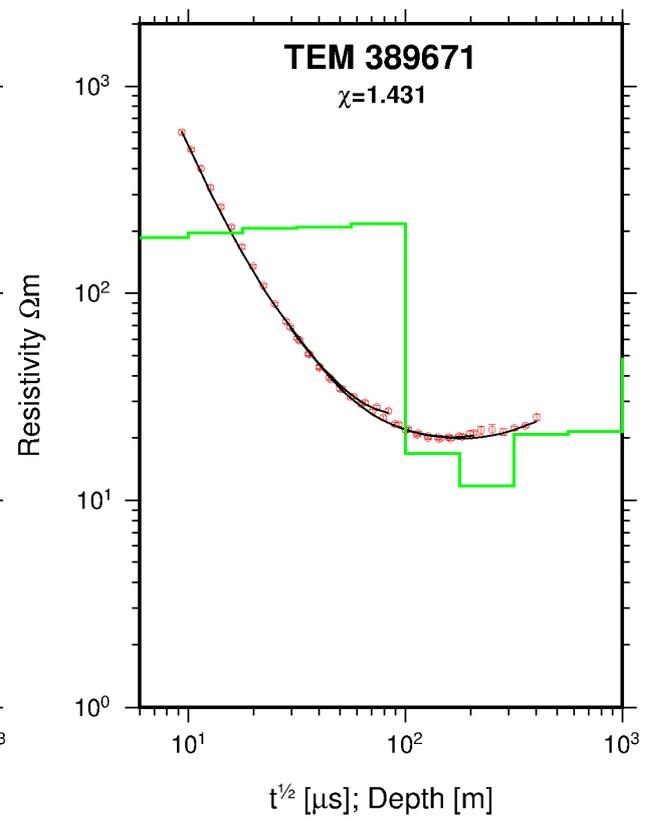
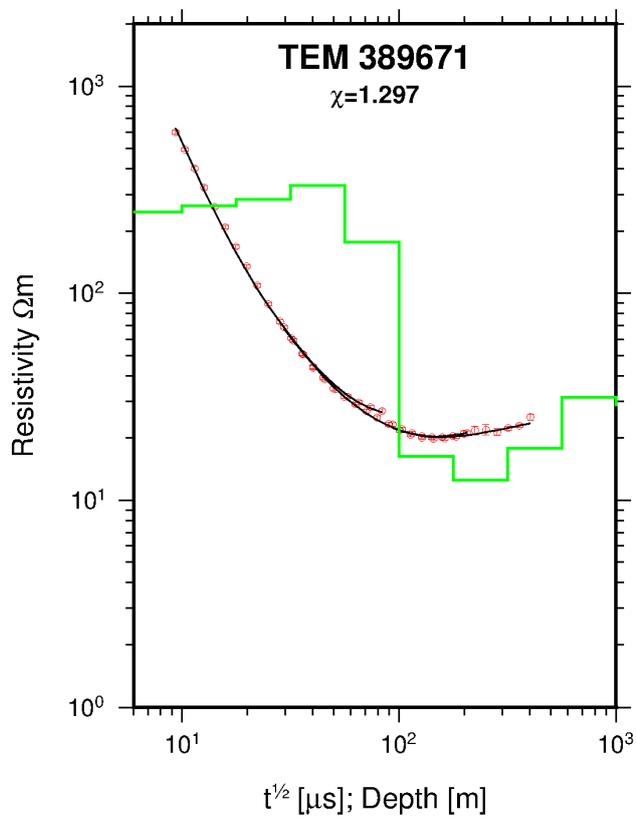
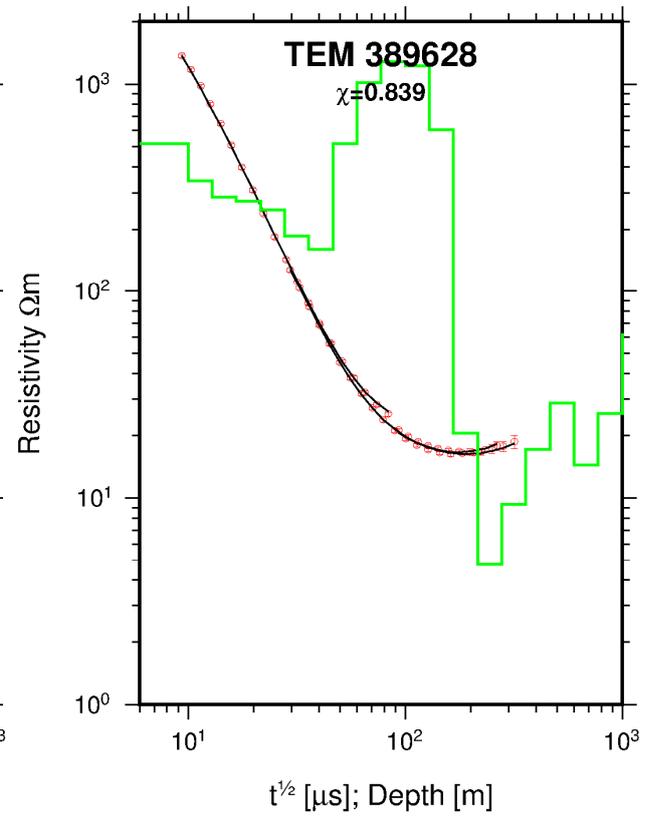
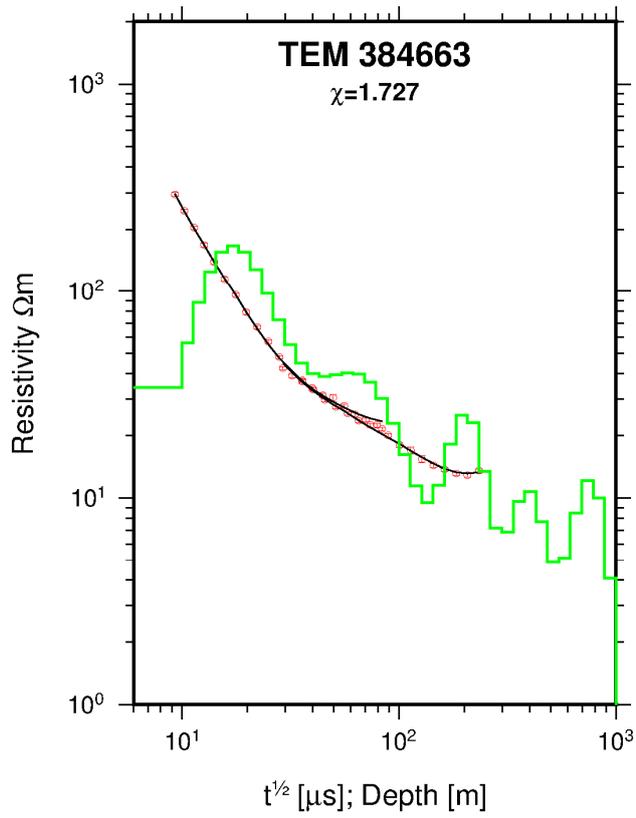
These are appendices to the report “TEM and MT resistivity surveying: Data acquisition, processing and 1D inversion with an example from Hágöngur geothermal field, Mid-Iceland” by Ali Soumail Abdou at the UNU Geothermal Training Programme in 2015. Appendix I shows the TEM data and associated 1D models for the TEM soundings in Hágöngur. Appendix II shows all the processed data for the MT soundings in Hágöngur. Appendix III contains the 1D models of the joint inversion for the all the TEM and MT data in Hágöngur.

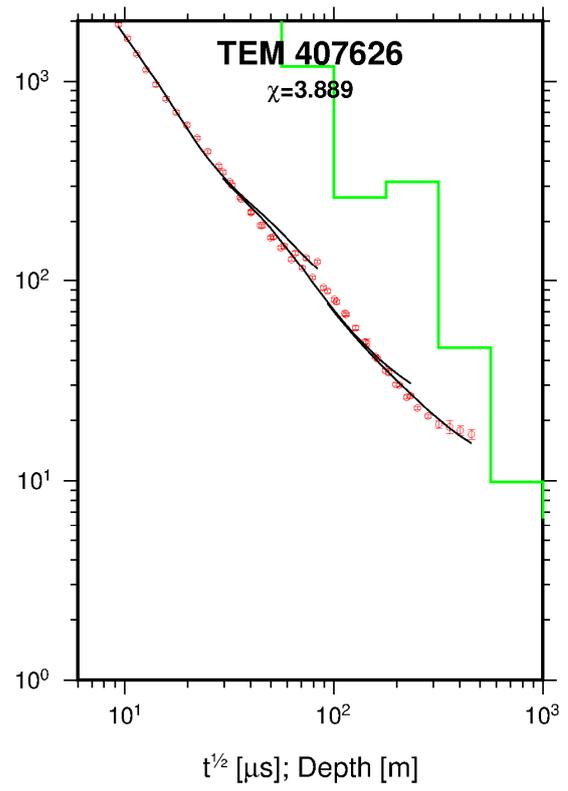
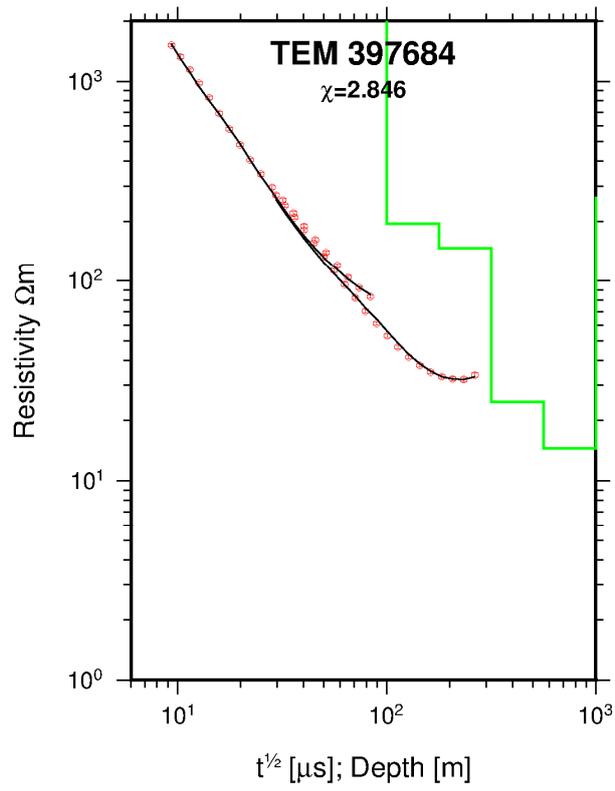
APPENDIX I: TEM data and the associated 1D models for the TEM soundings around Hågöngur geothermal field.



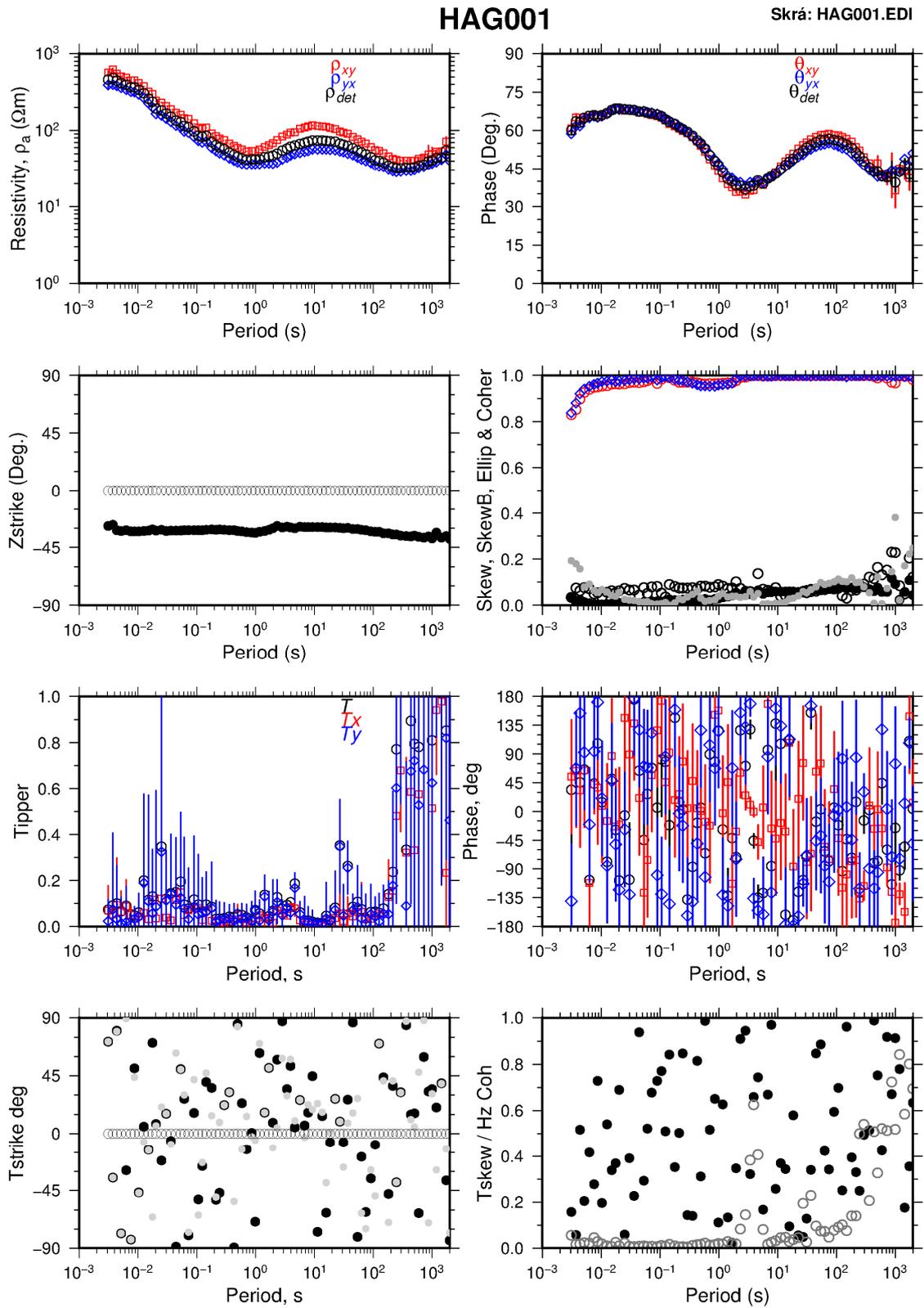






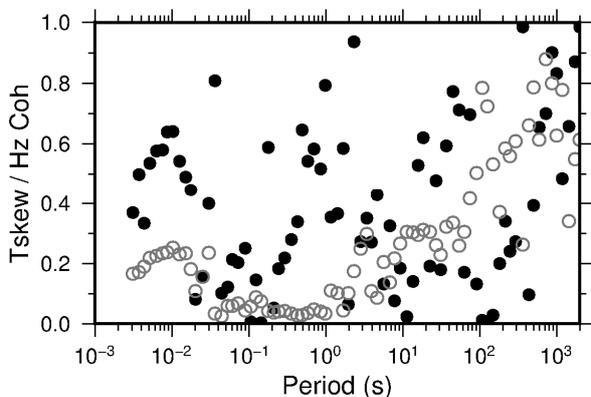
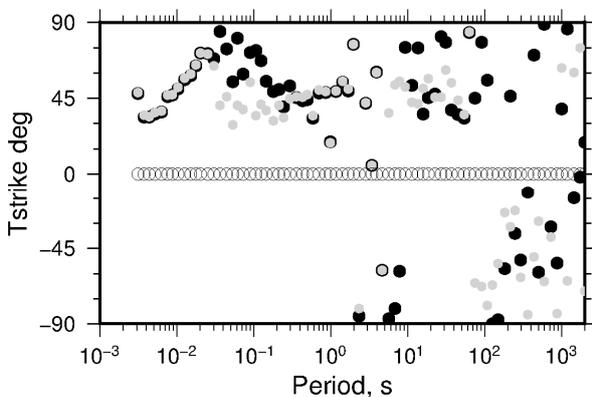
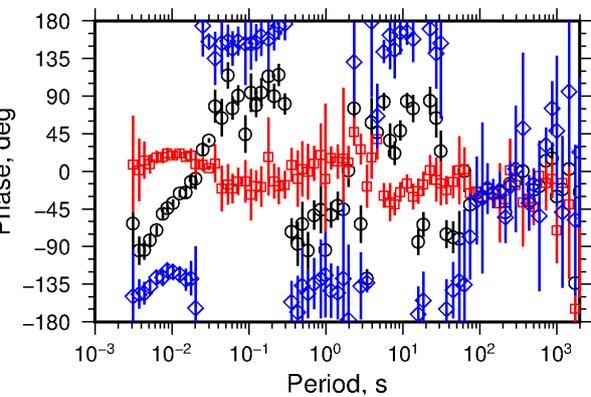
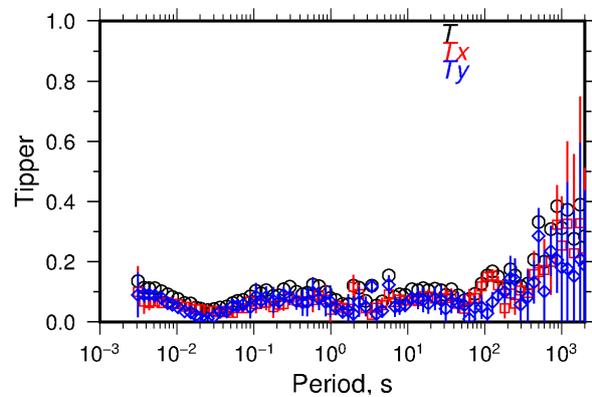
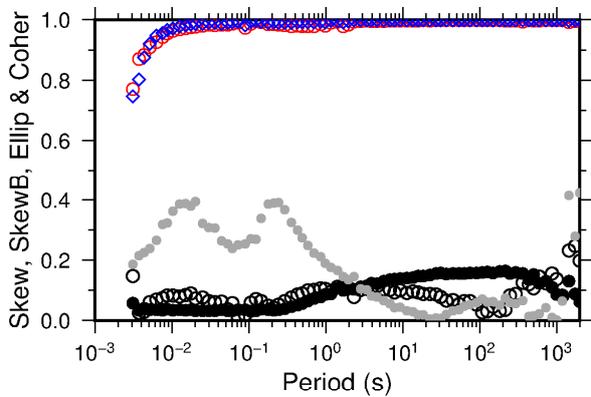
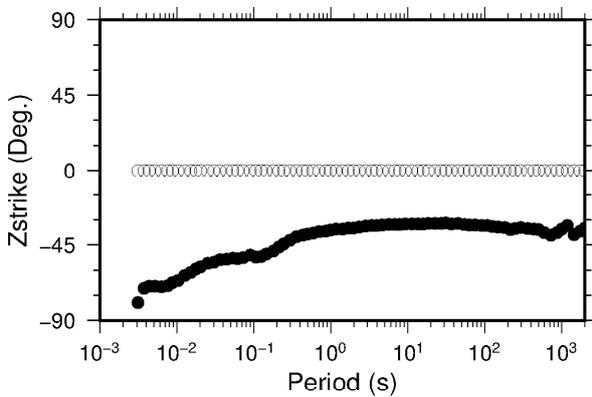
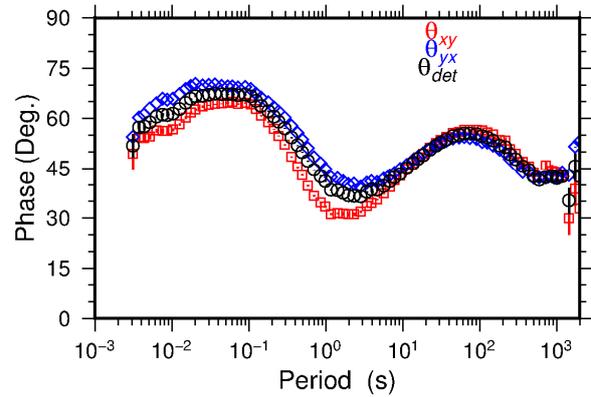
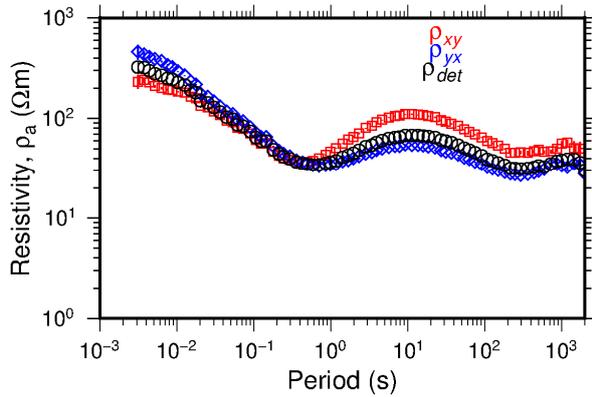


APPENDIX II: Processed data for all the MT soundings. Some of them have not magnetic z component (H_z).



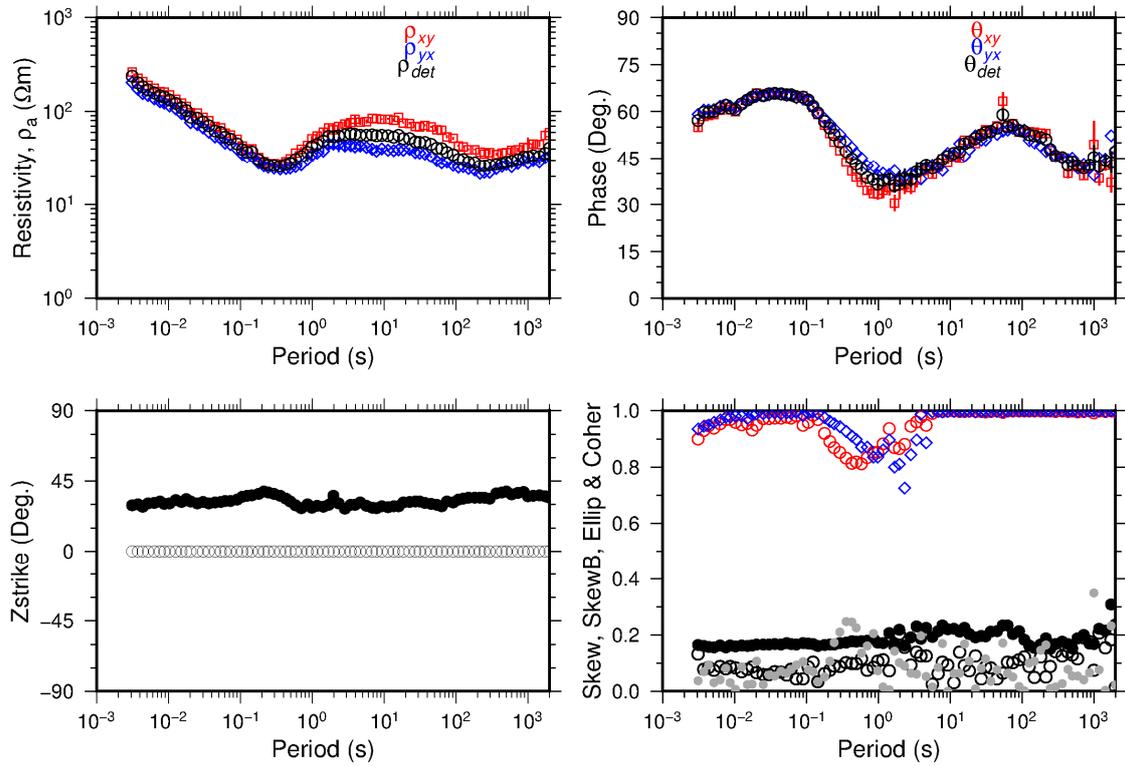
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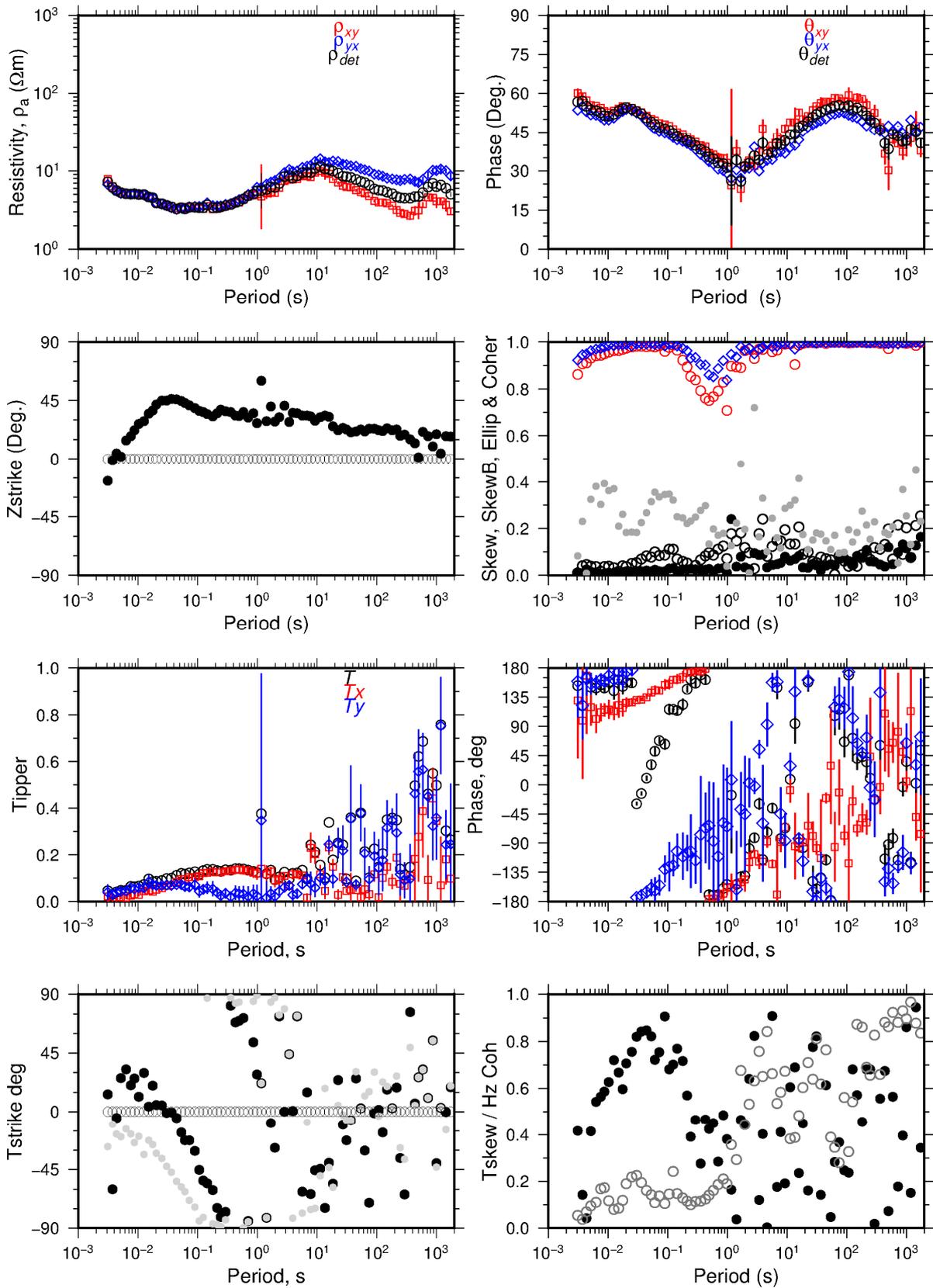
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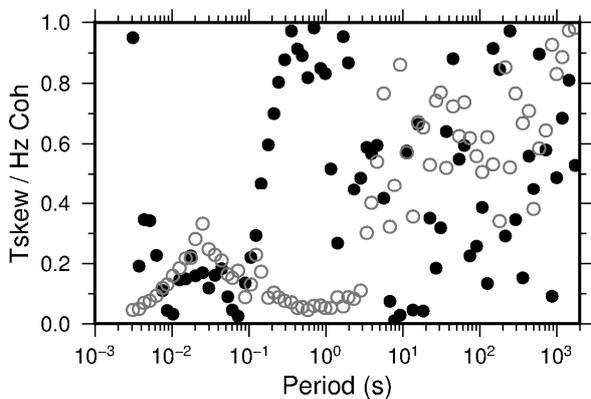
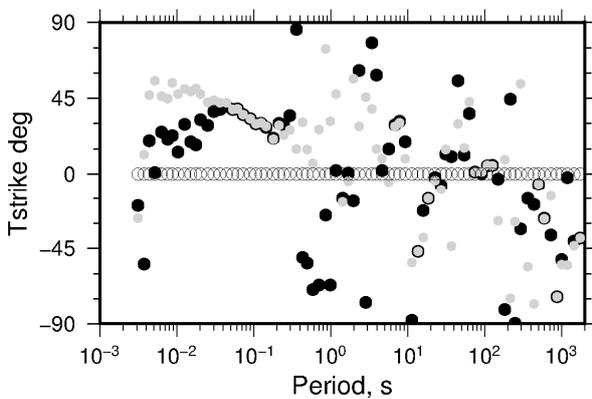
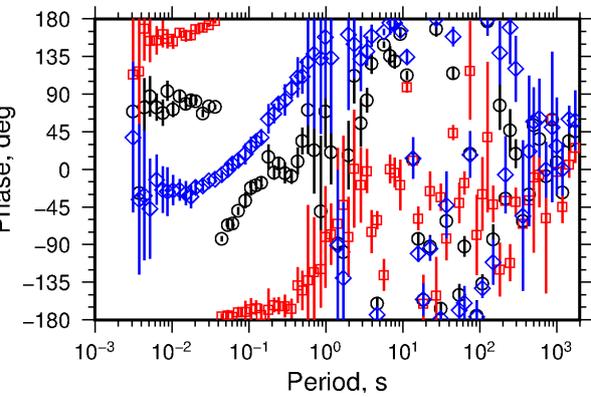
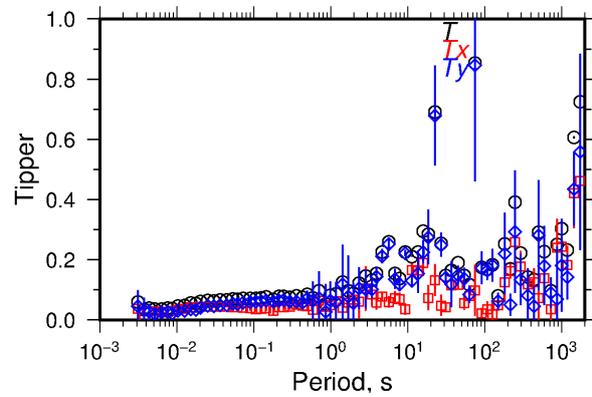
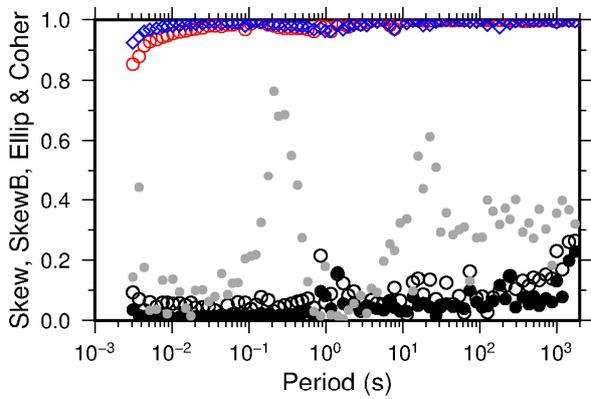
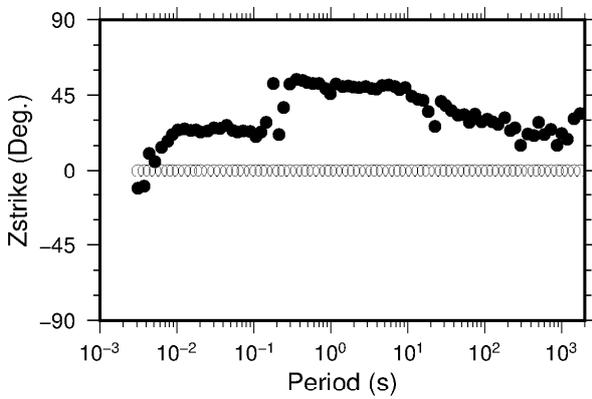
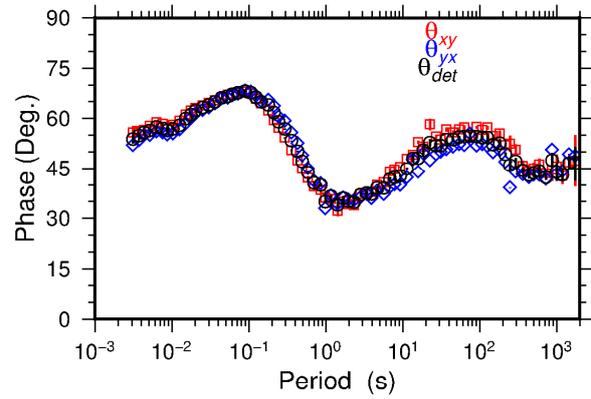
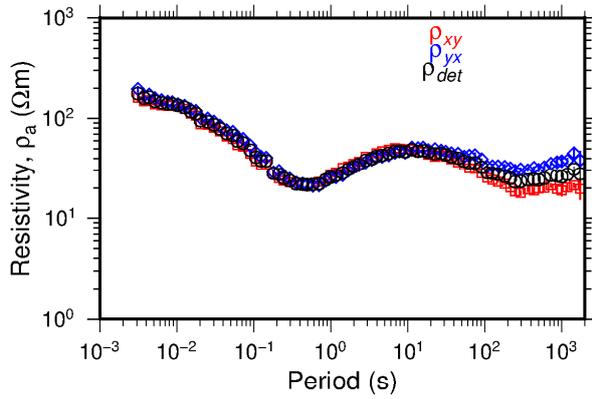
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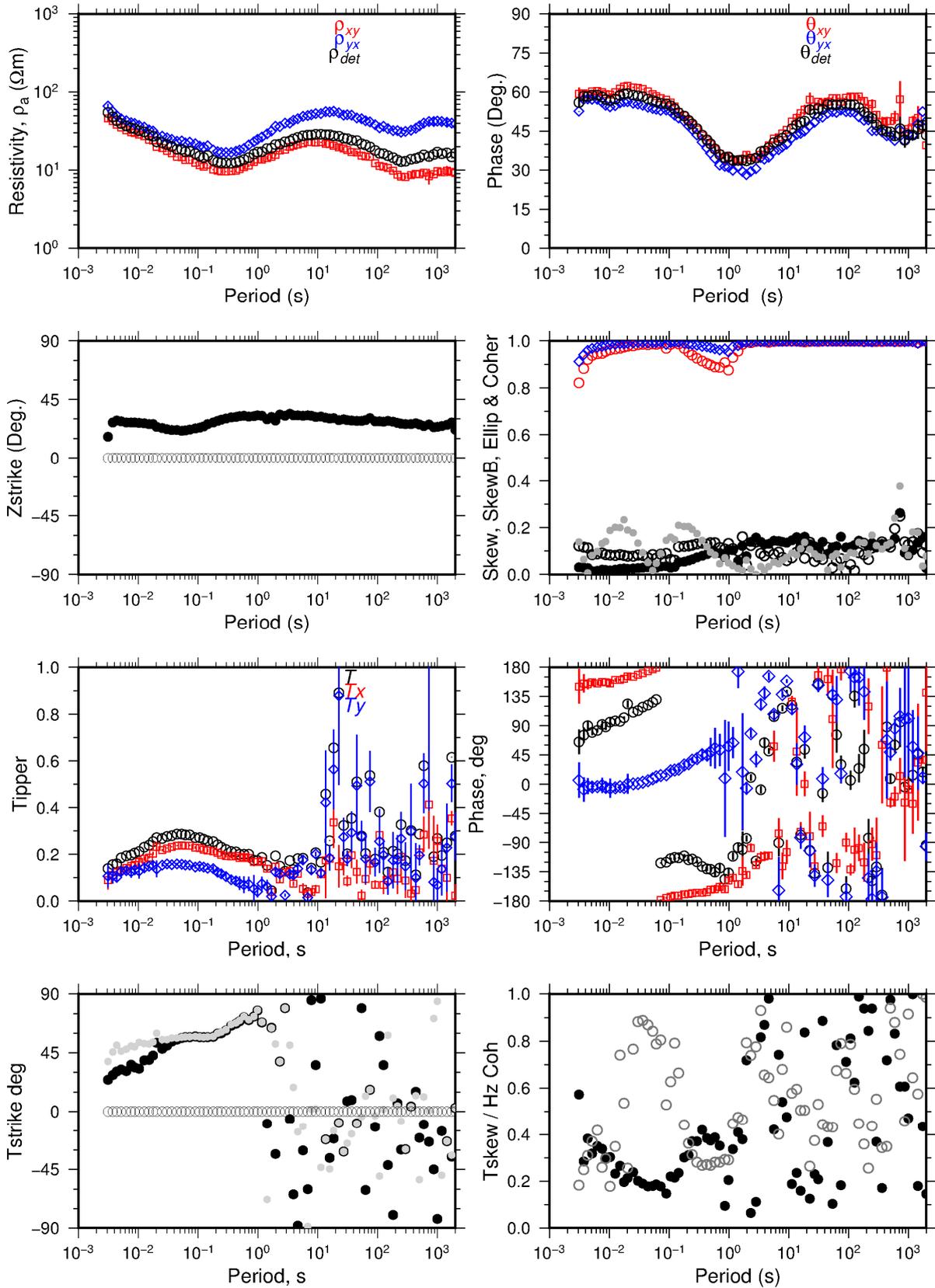
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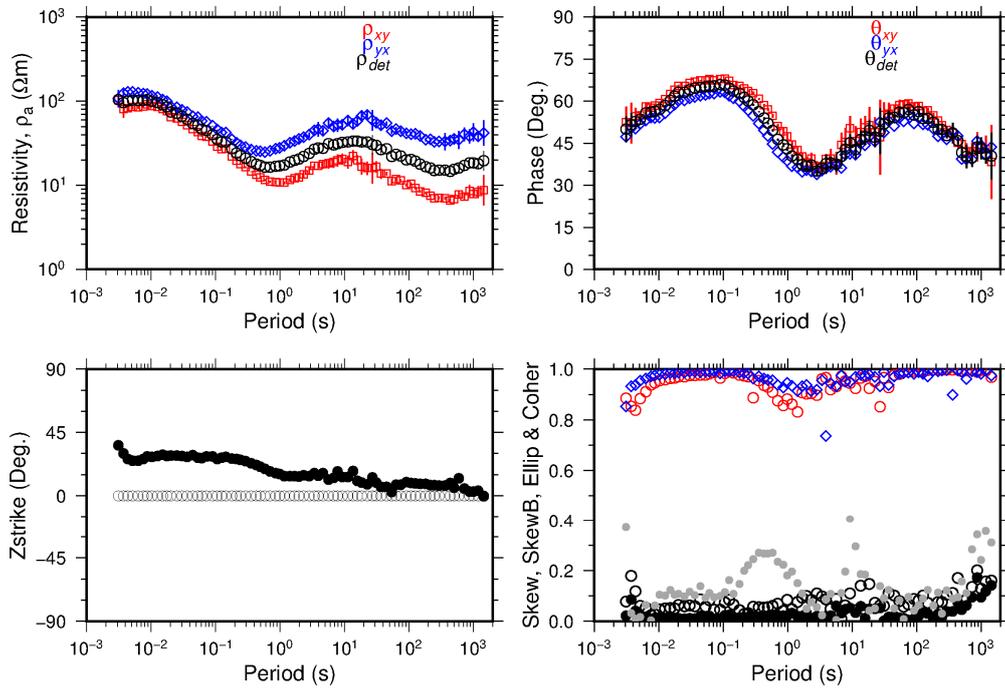
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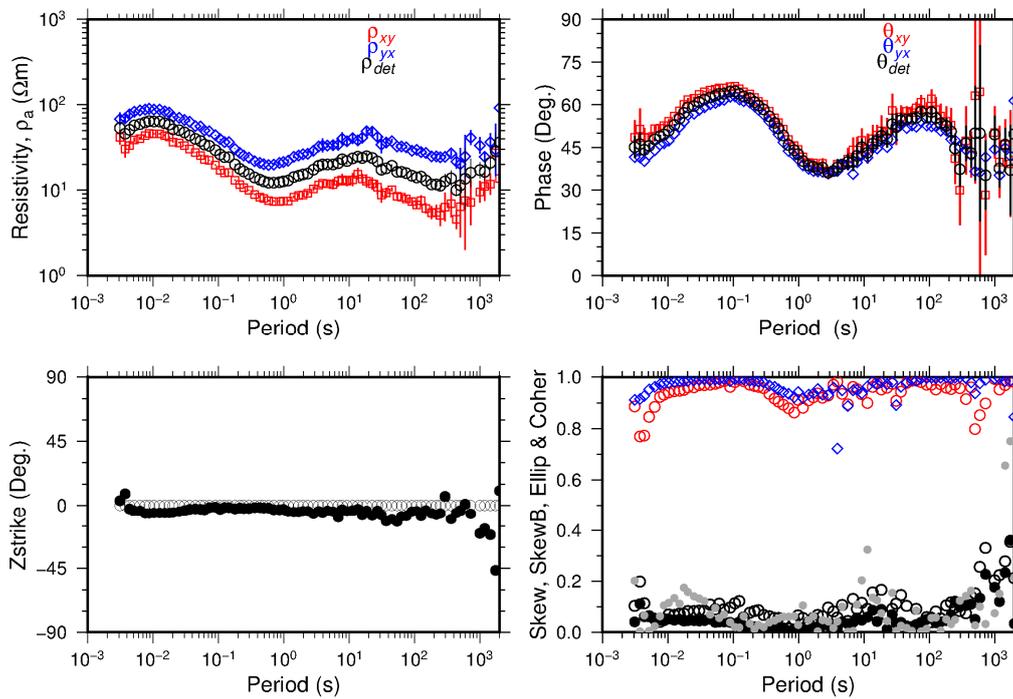
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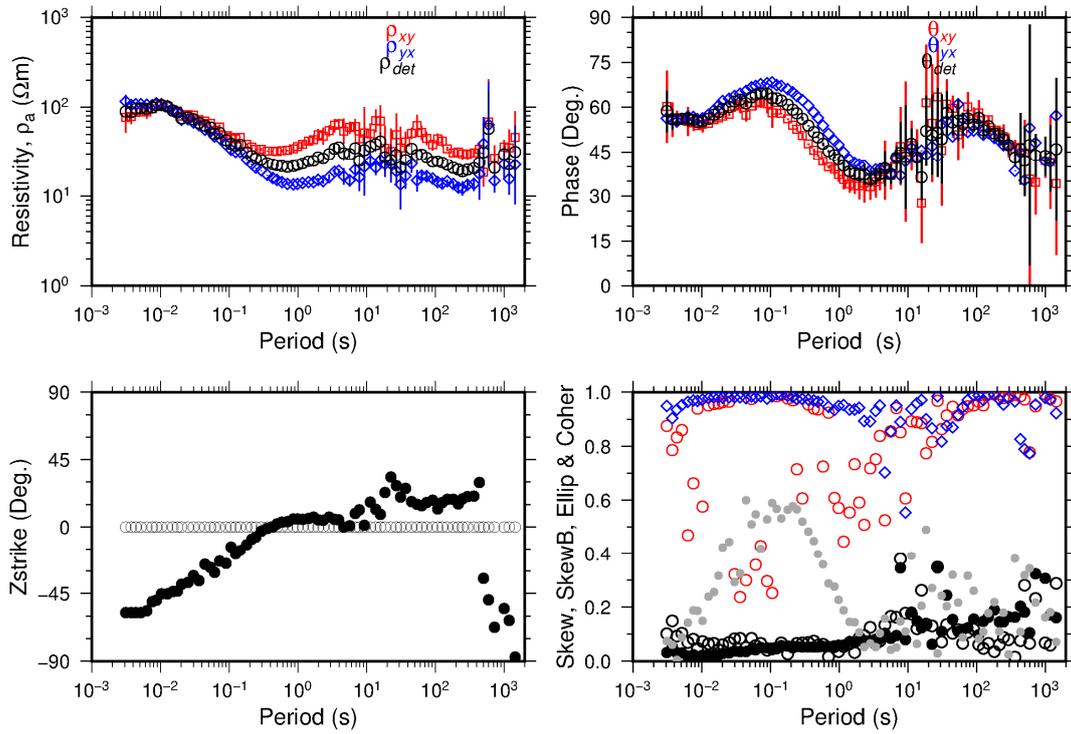
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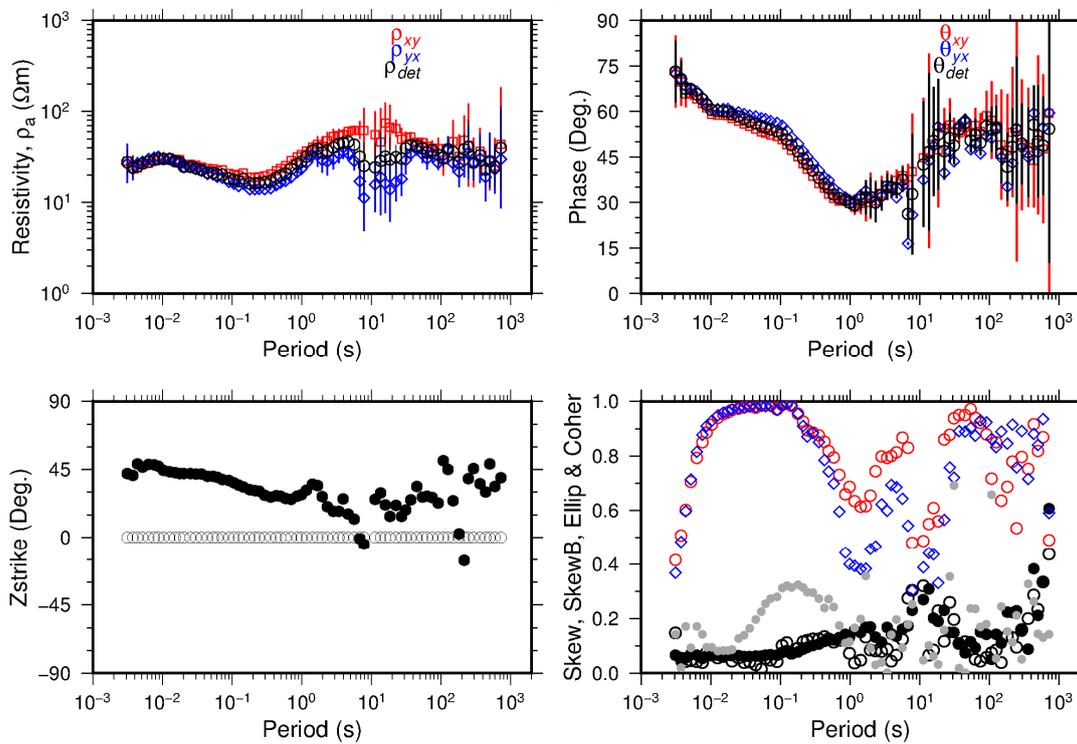
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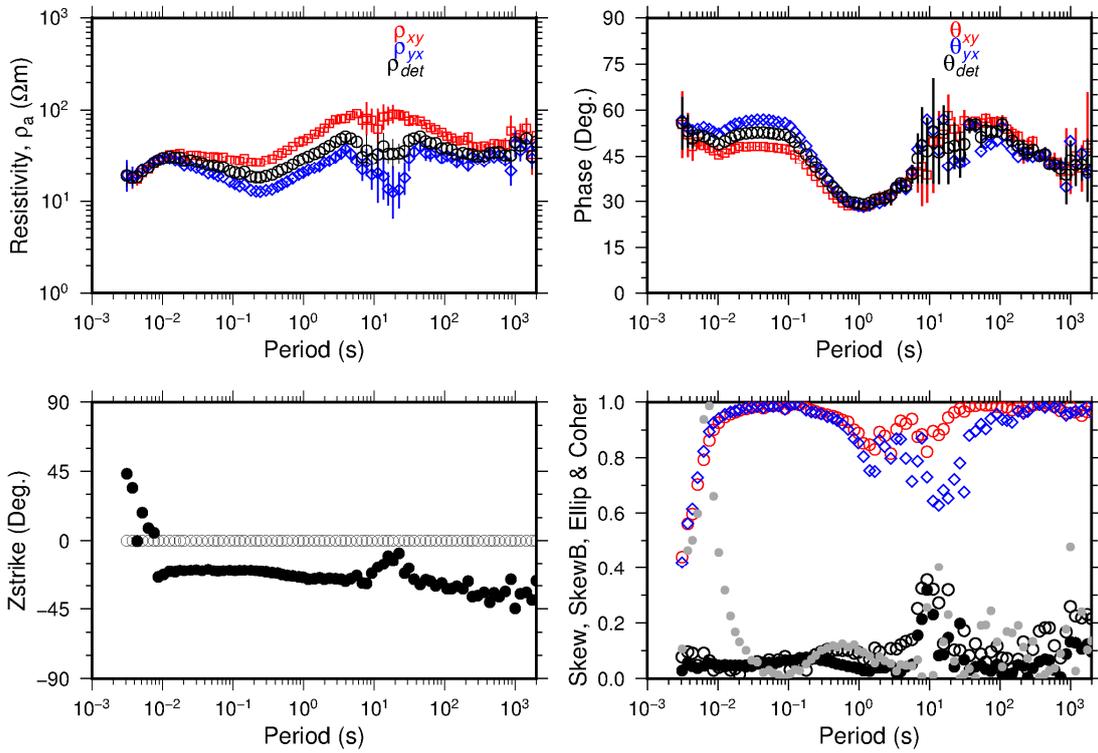
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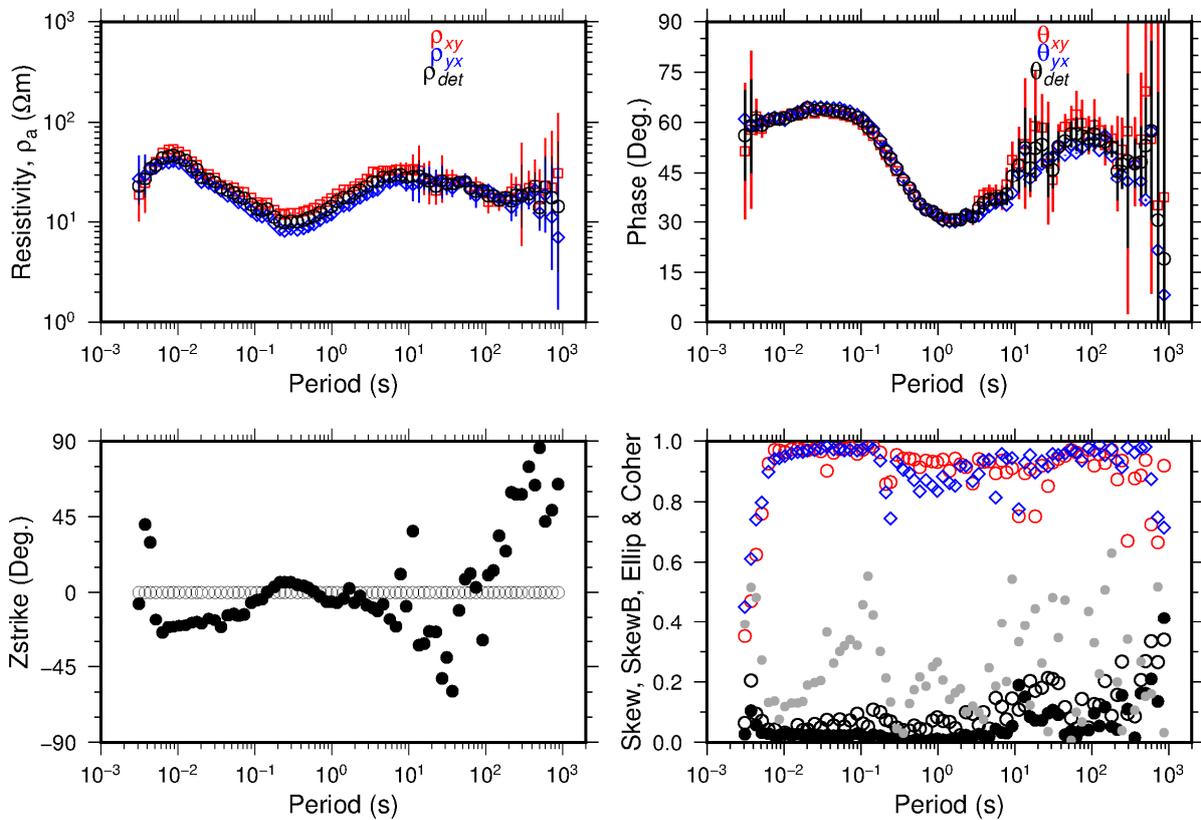
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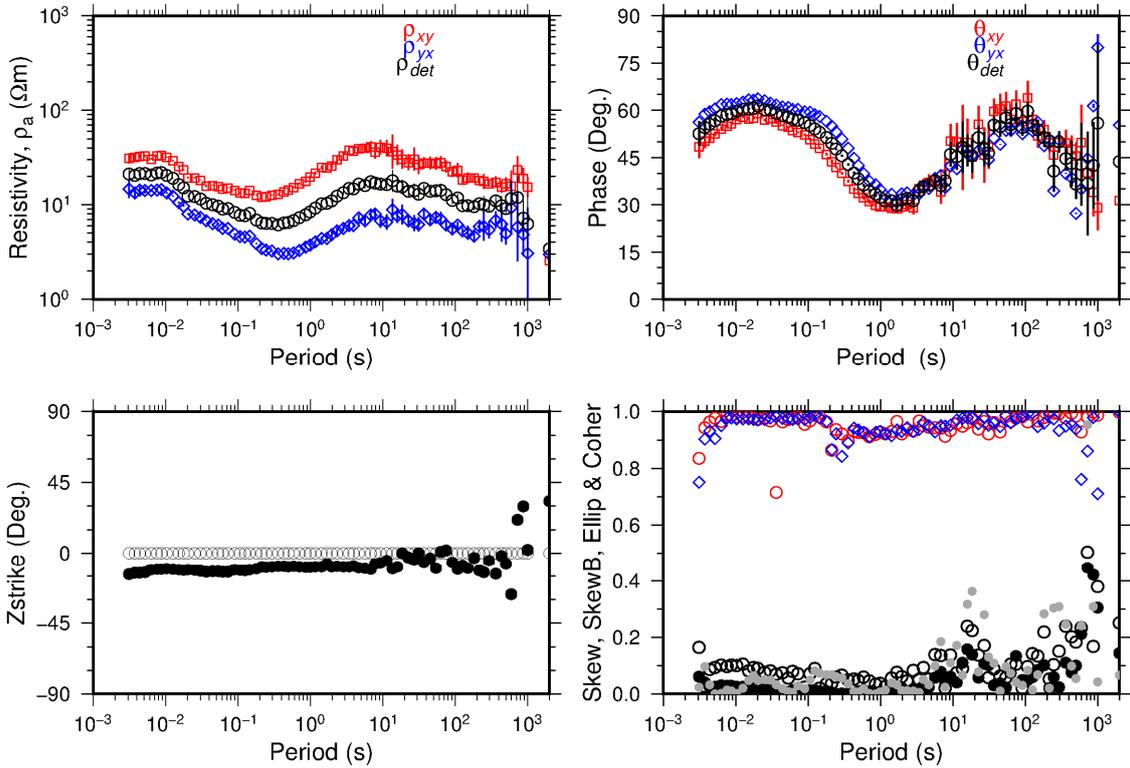
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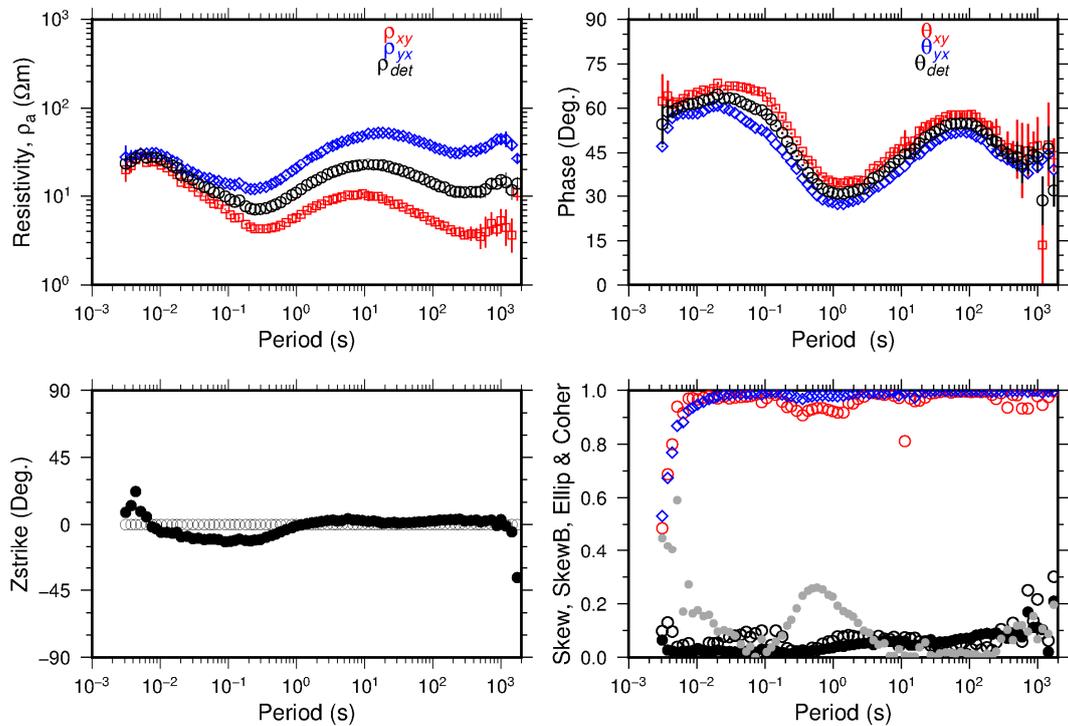
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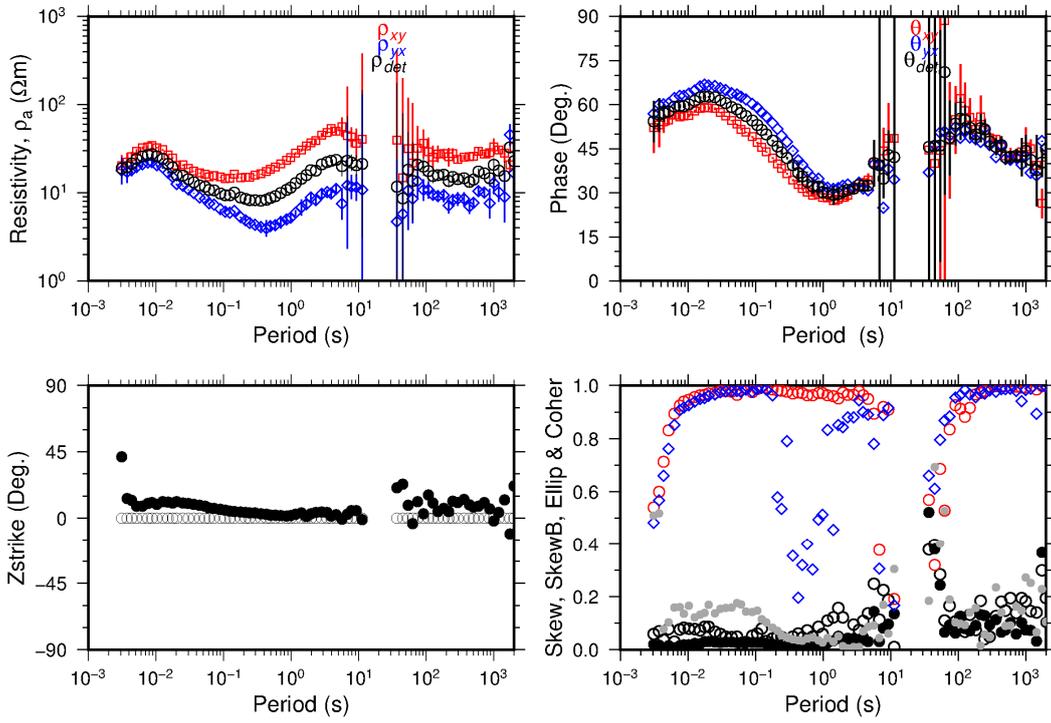
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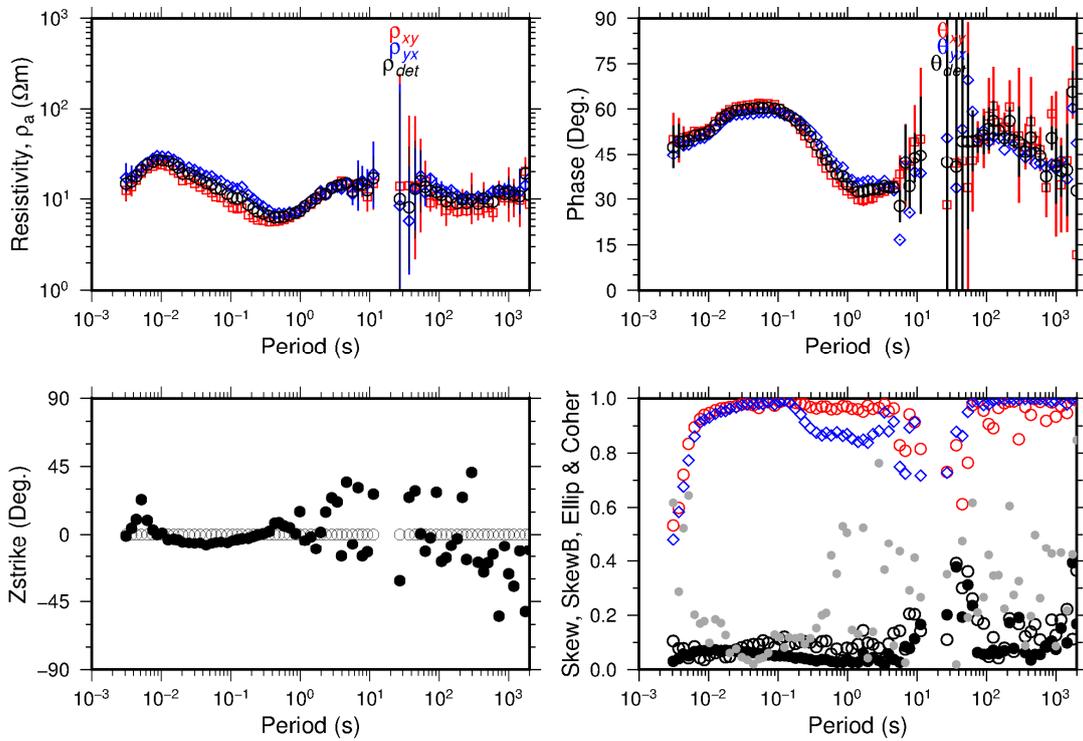
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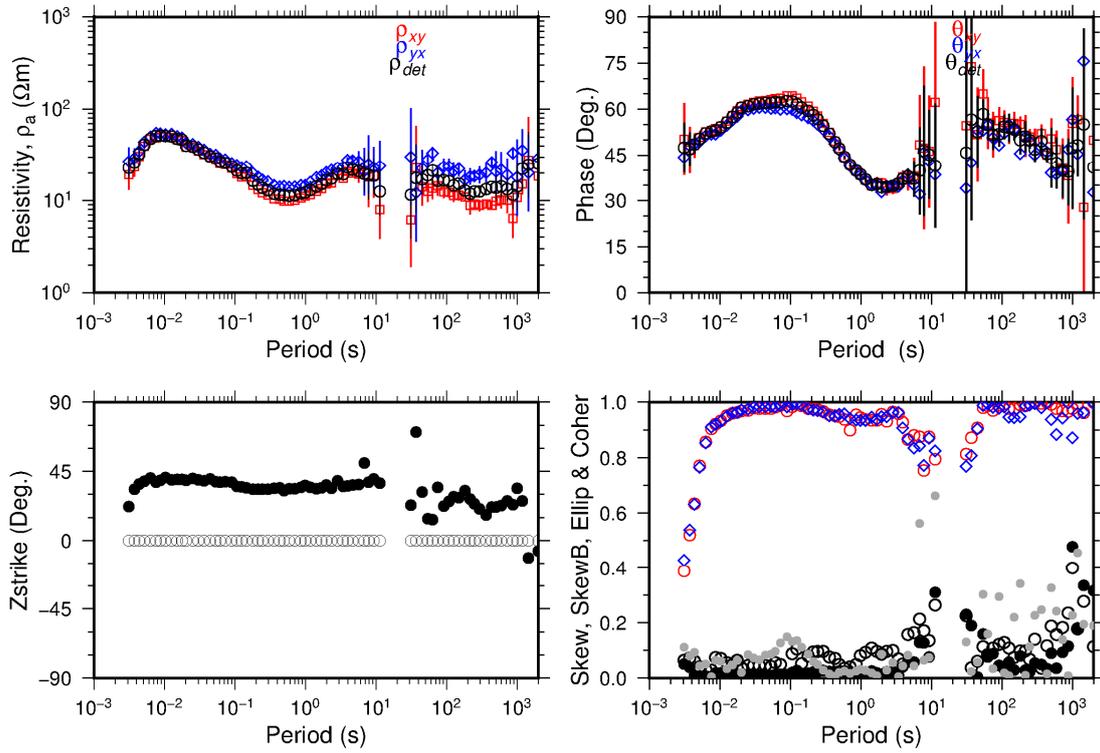
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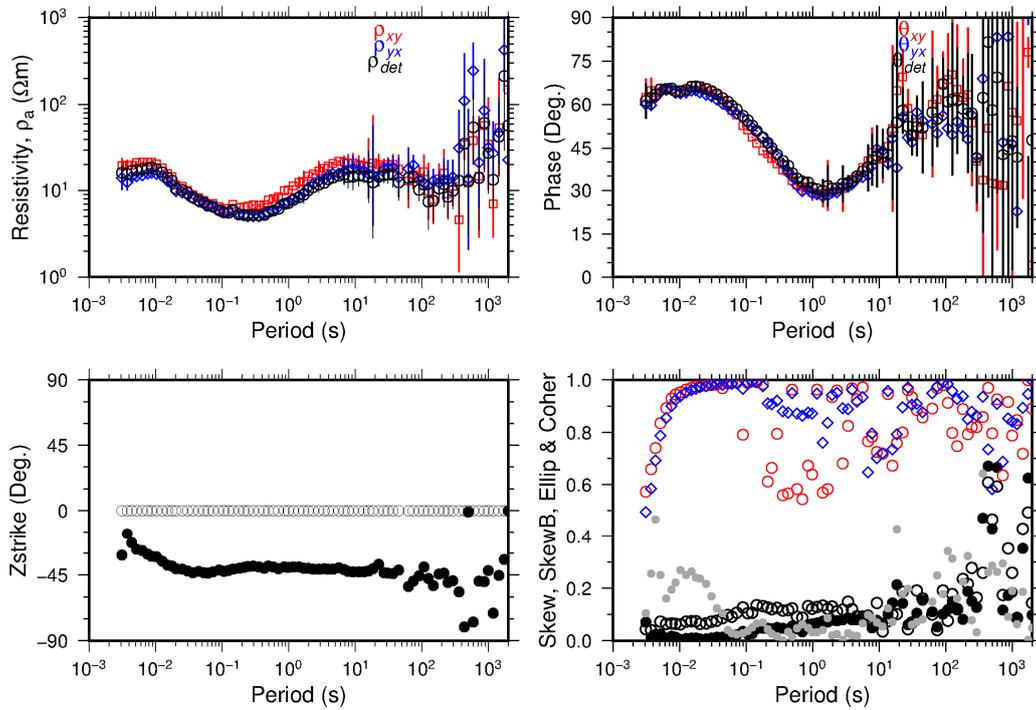
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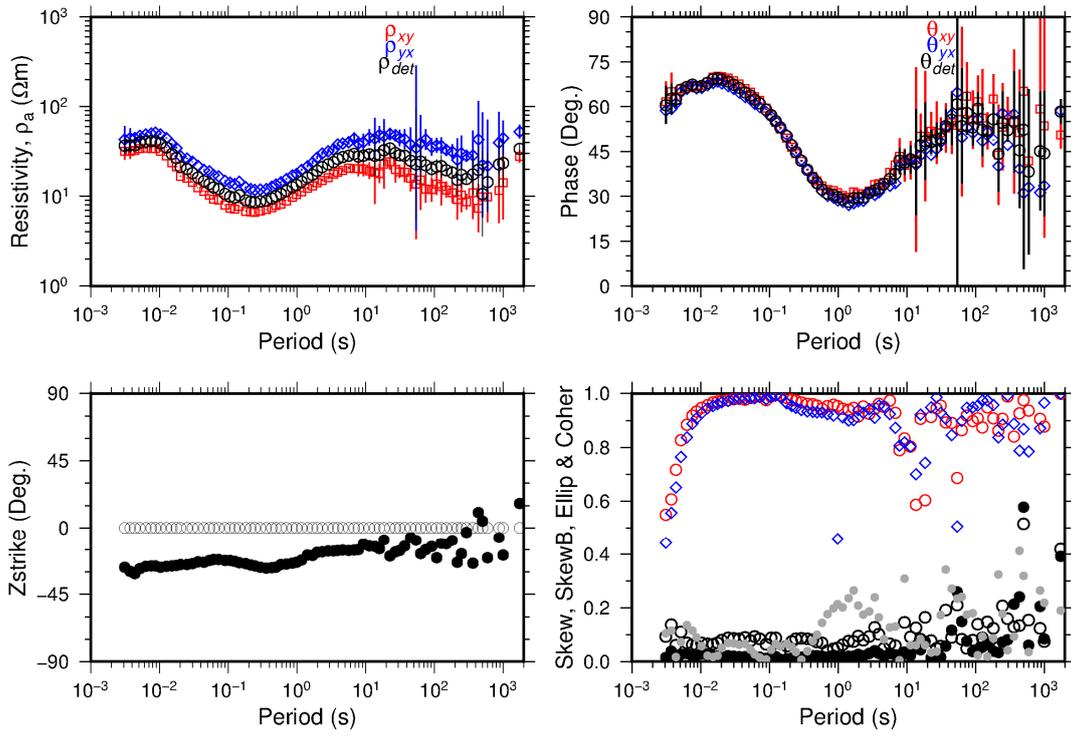
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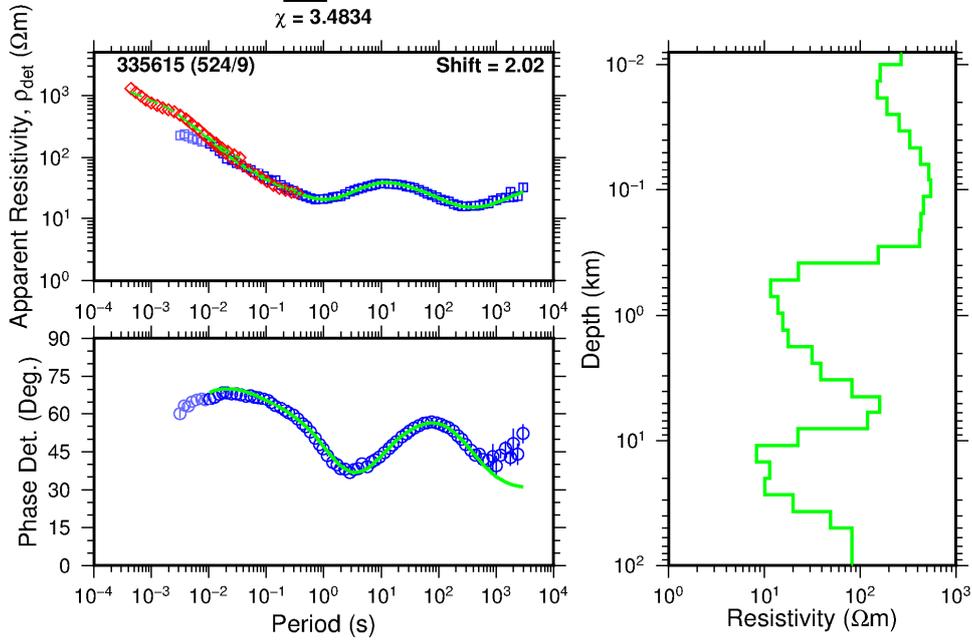
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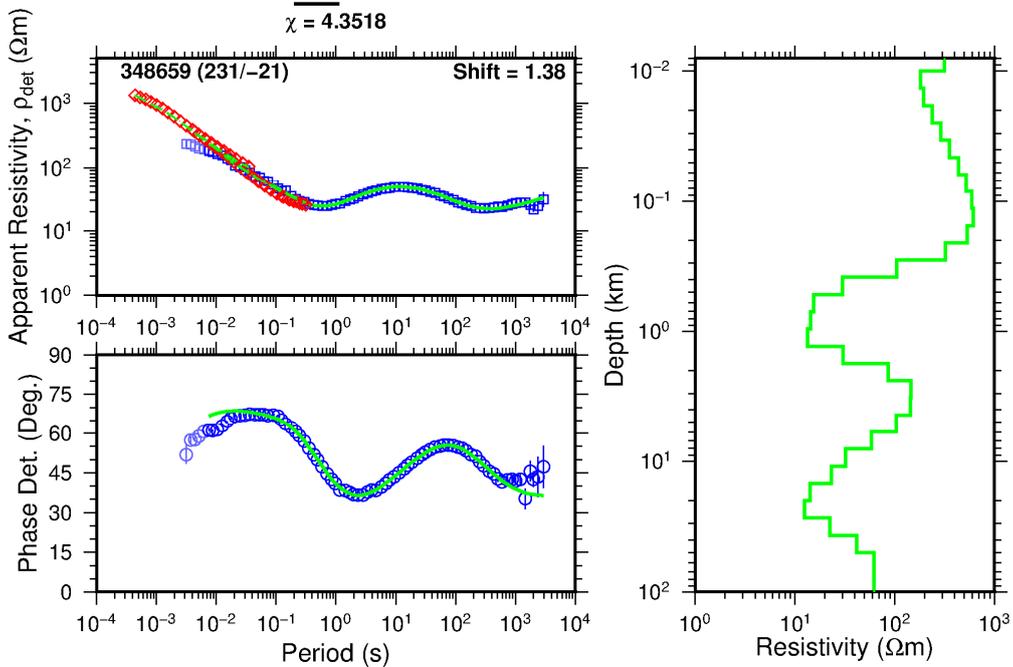


APPENDIX III: 1D models of the joint inversion for all the MT and TEM data.

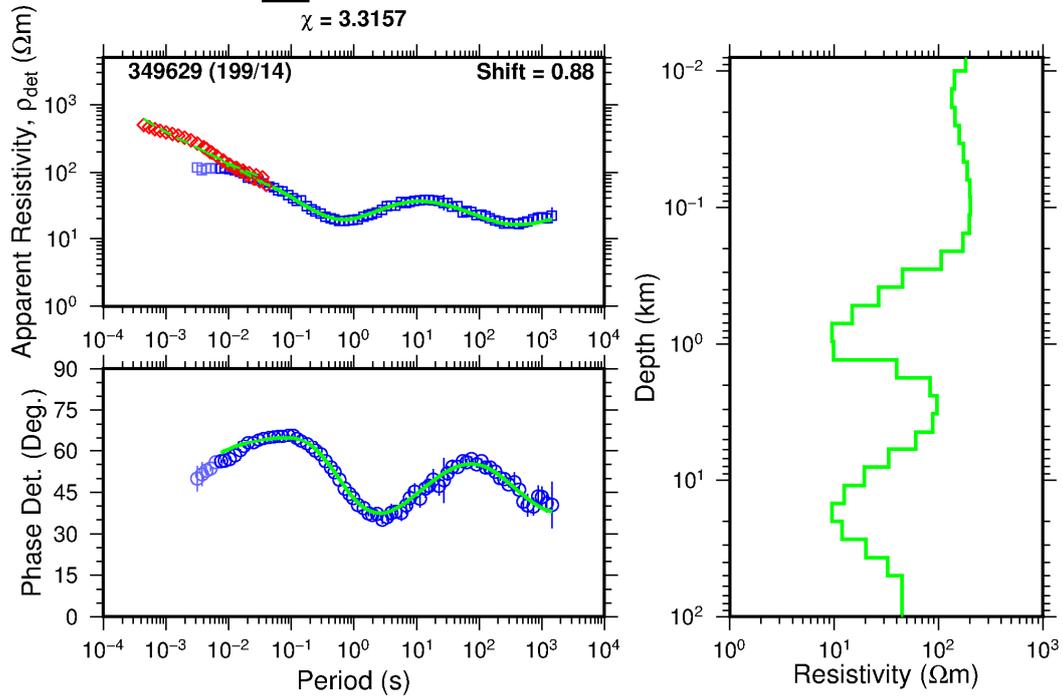
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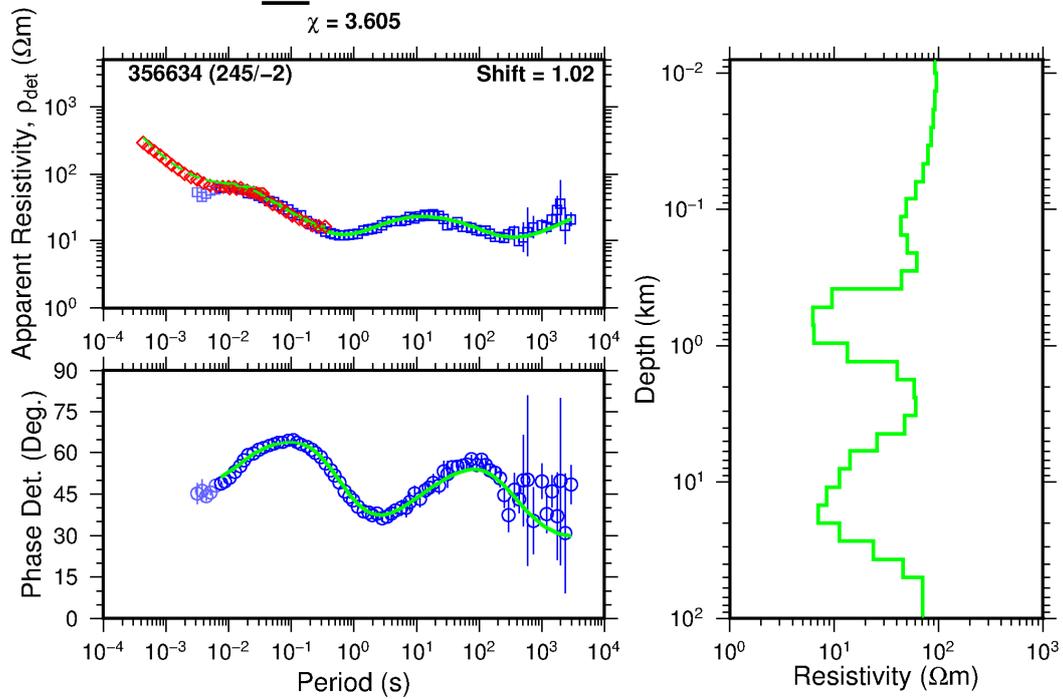
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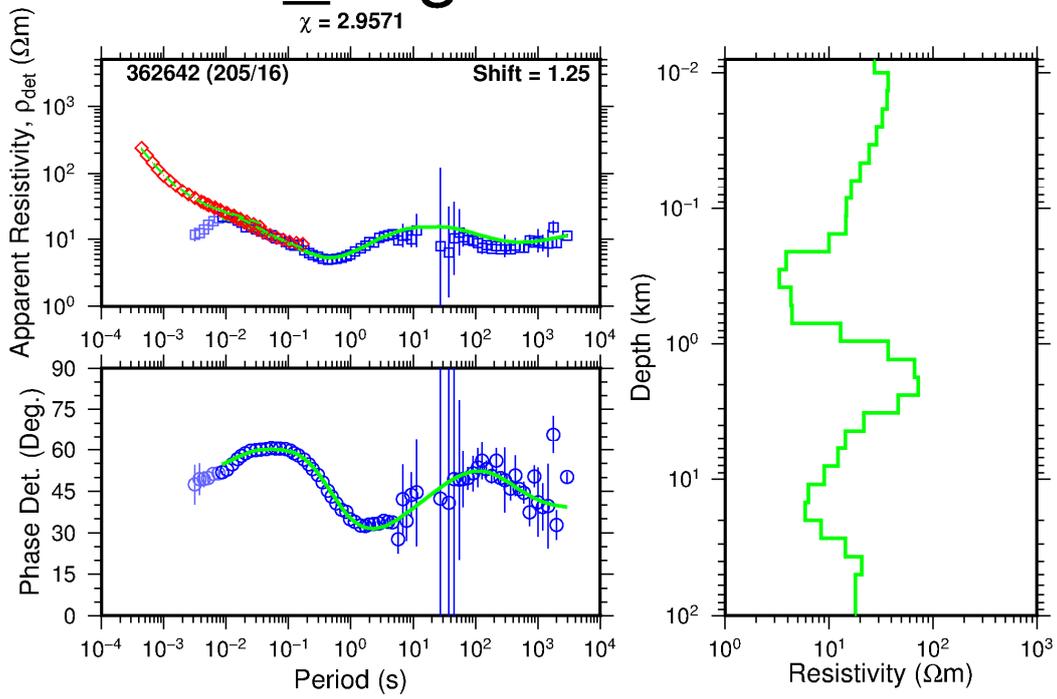


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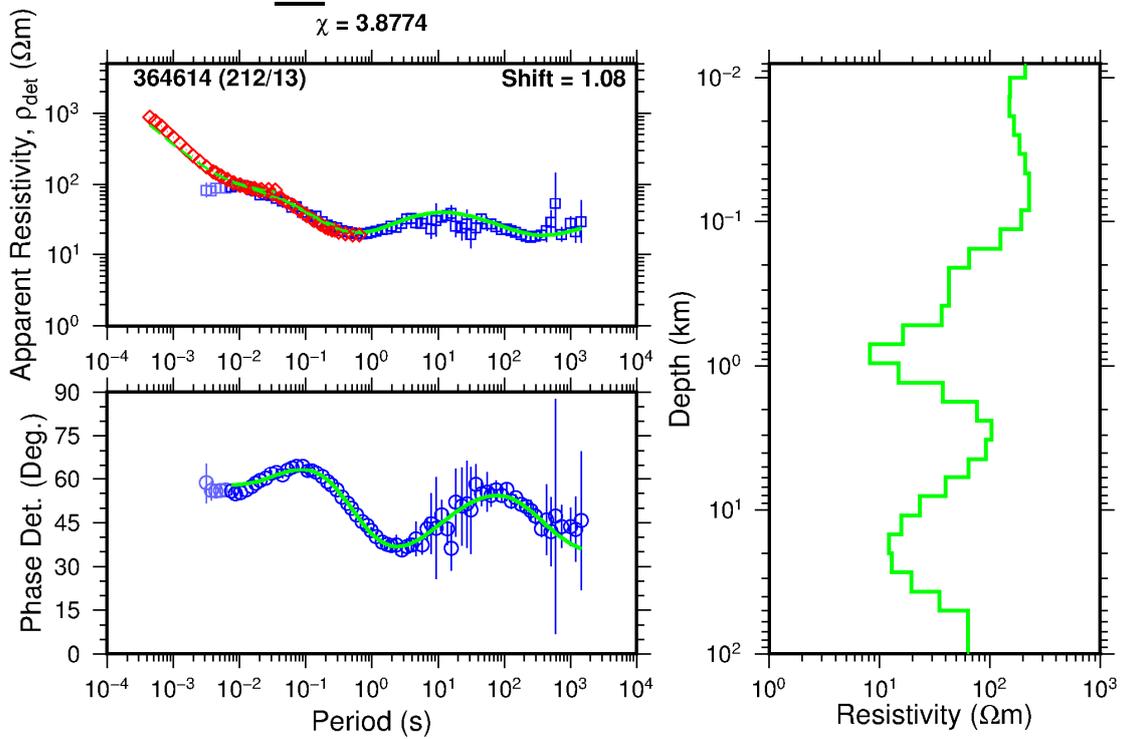
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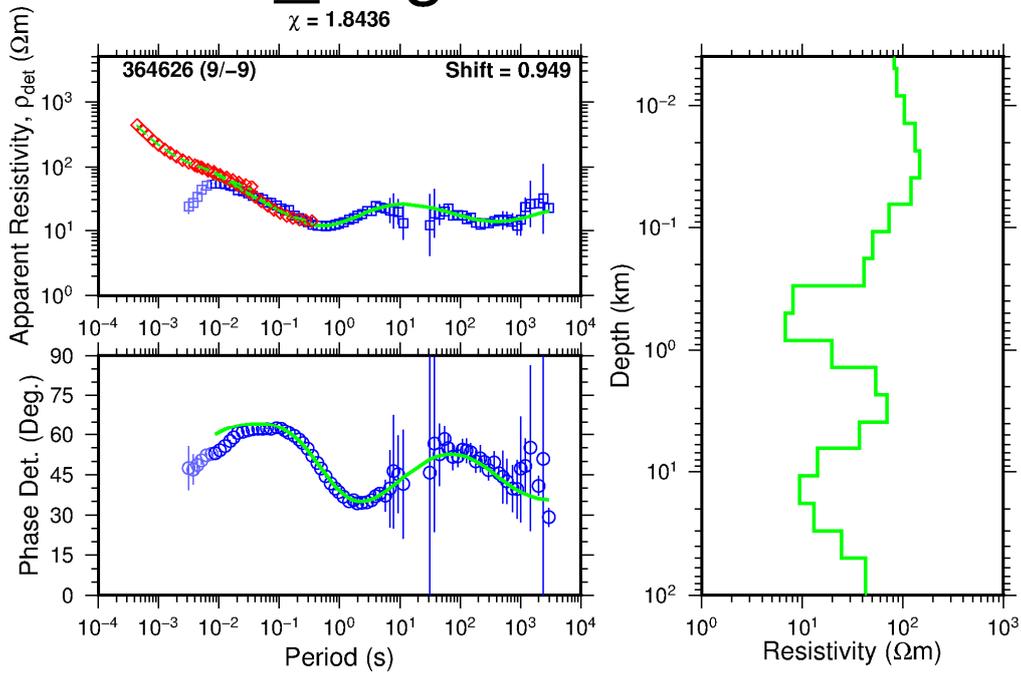


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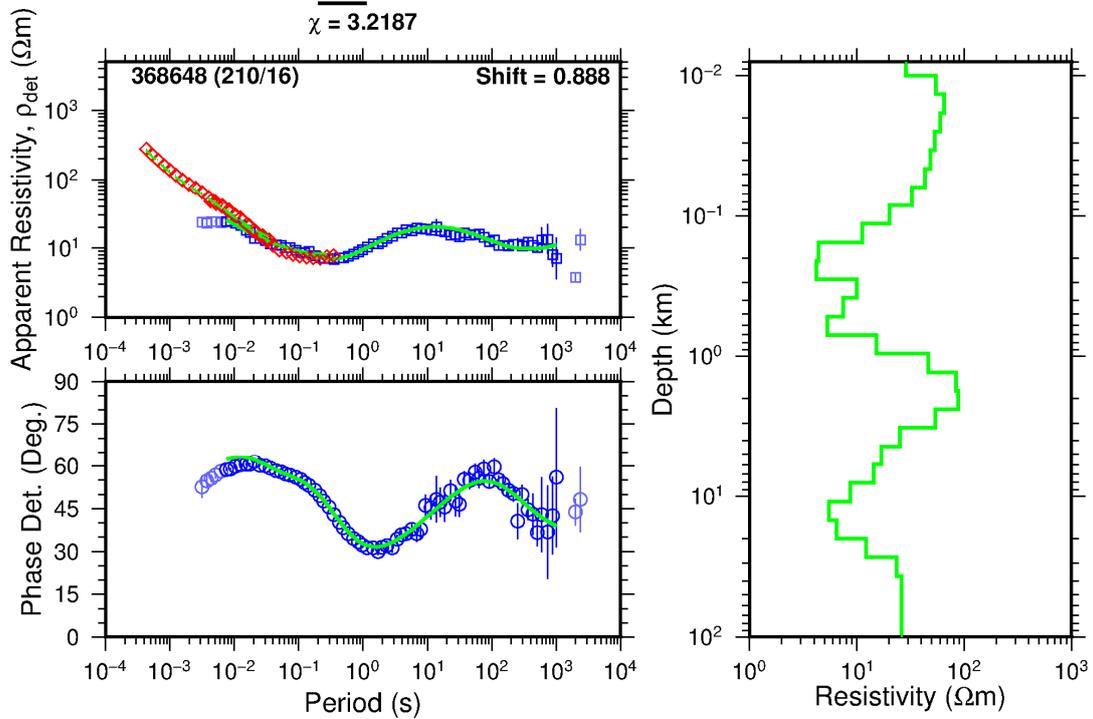
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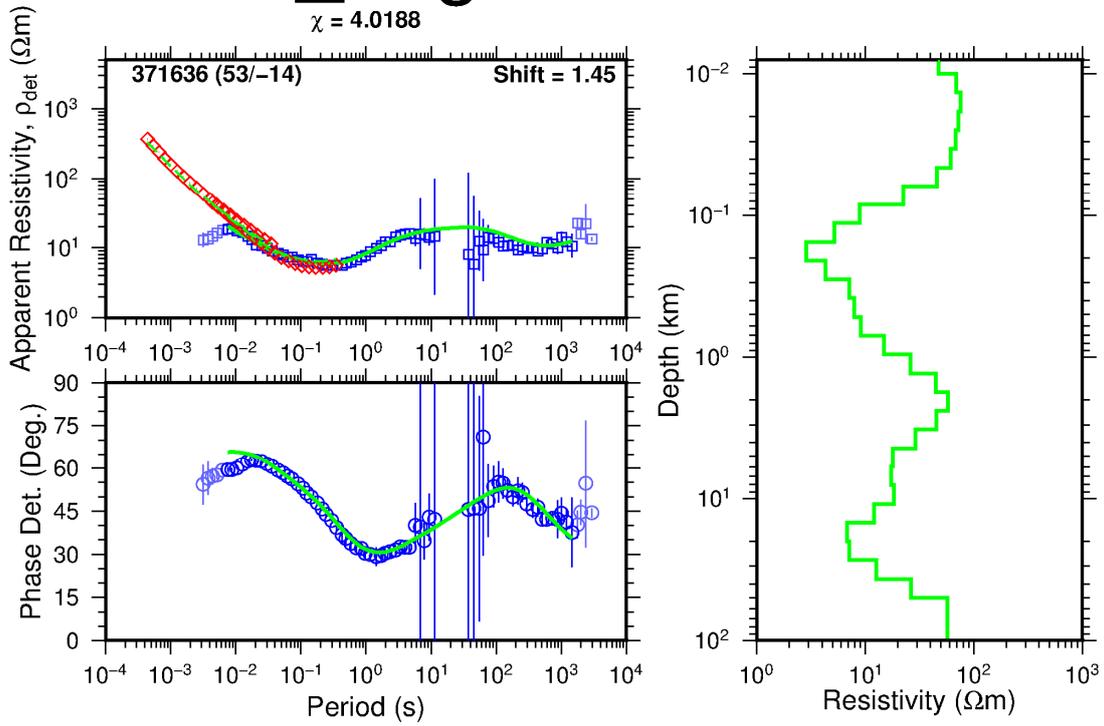


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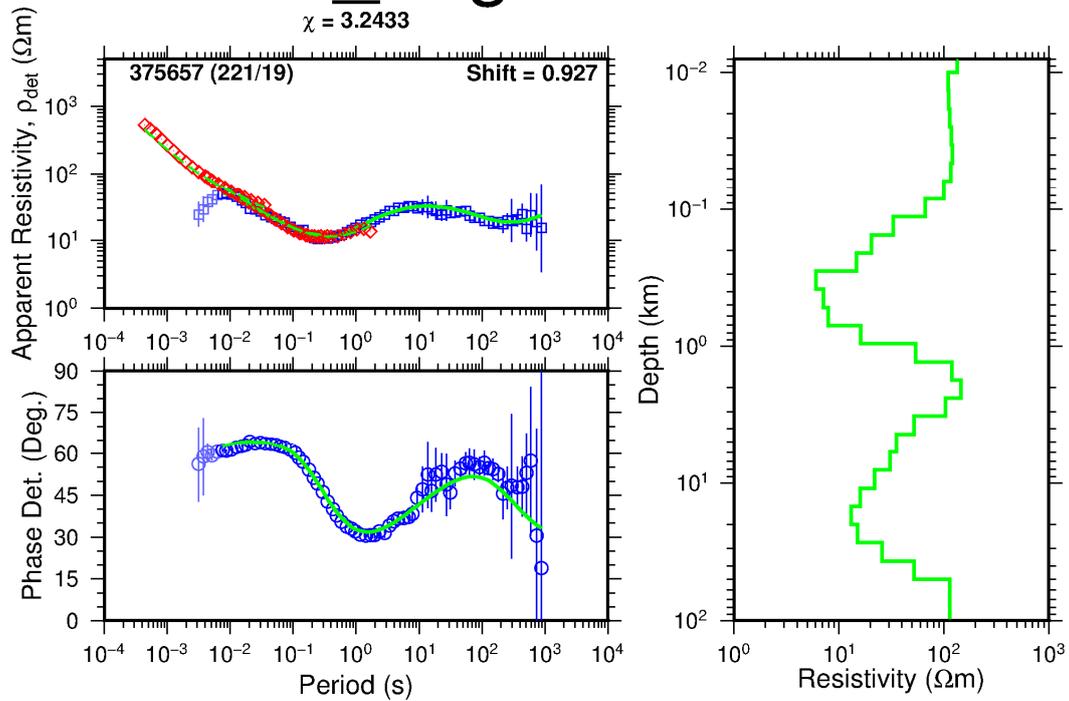
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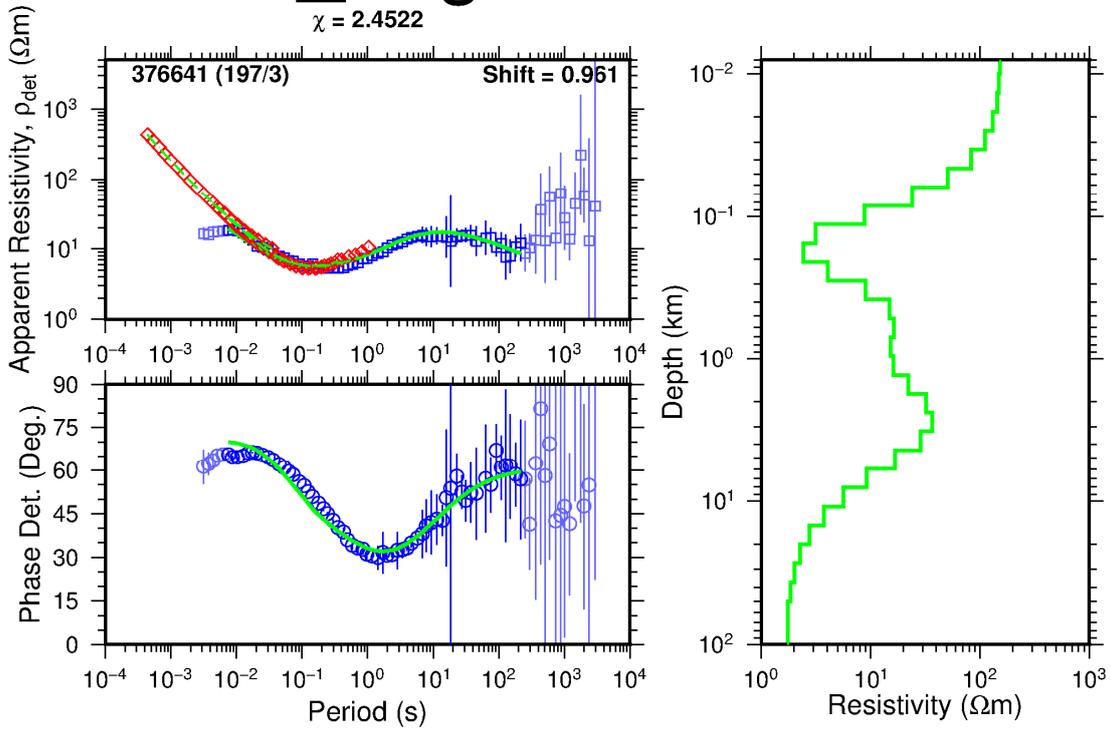
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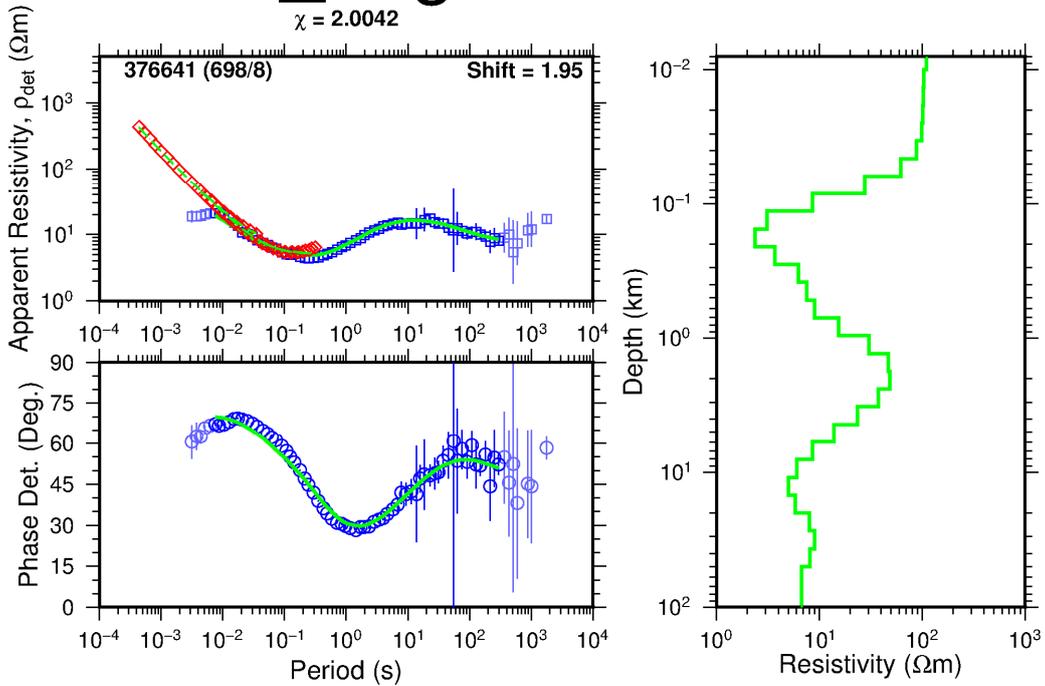
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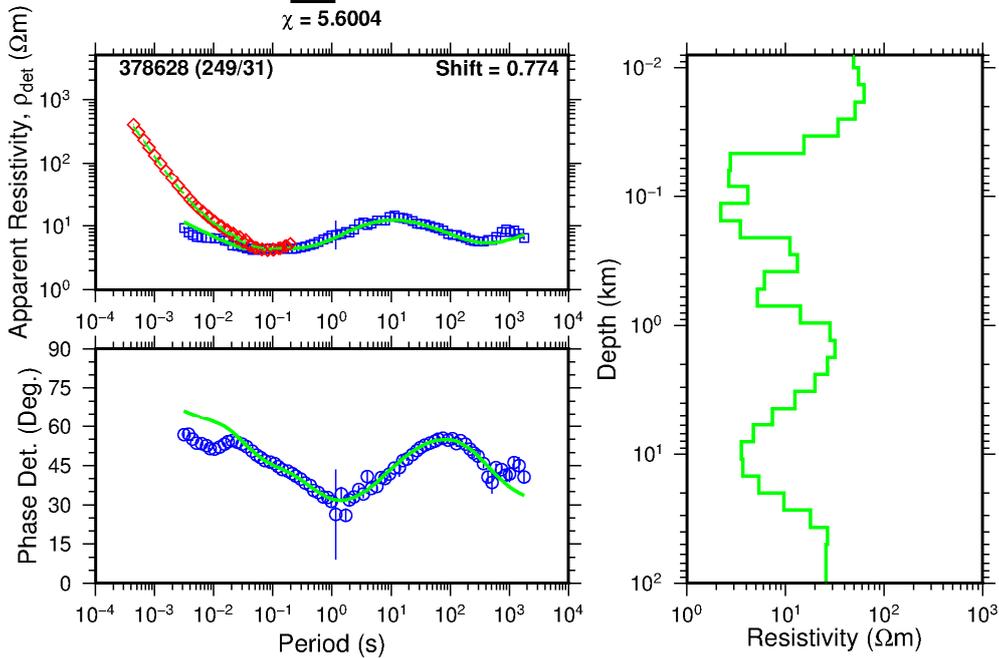


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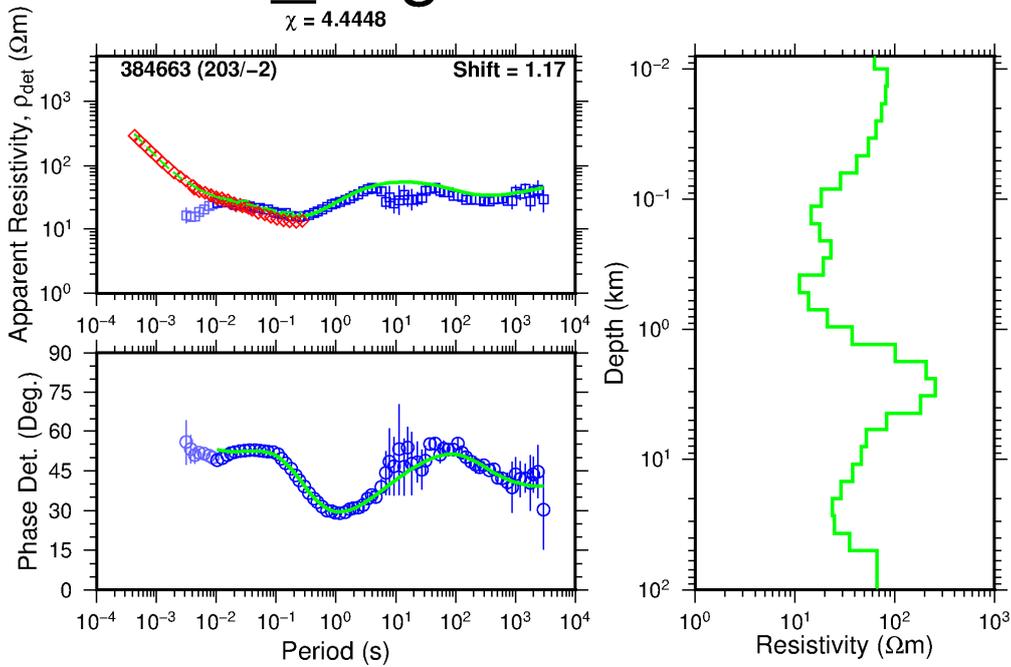
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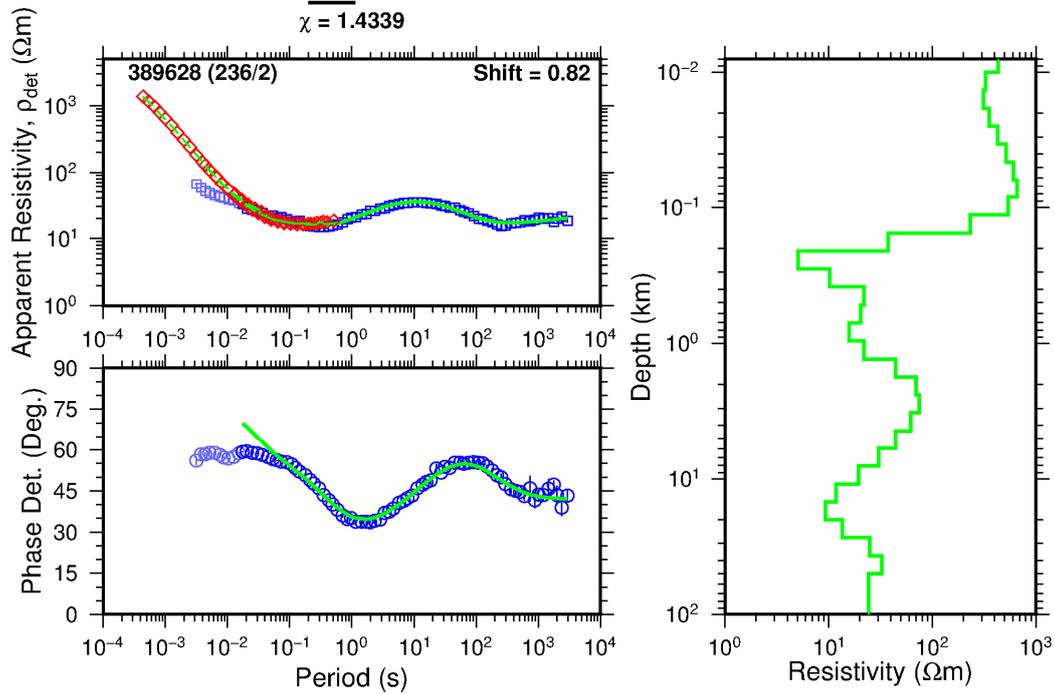
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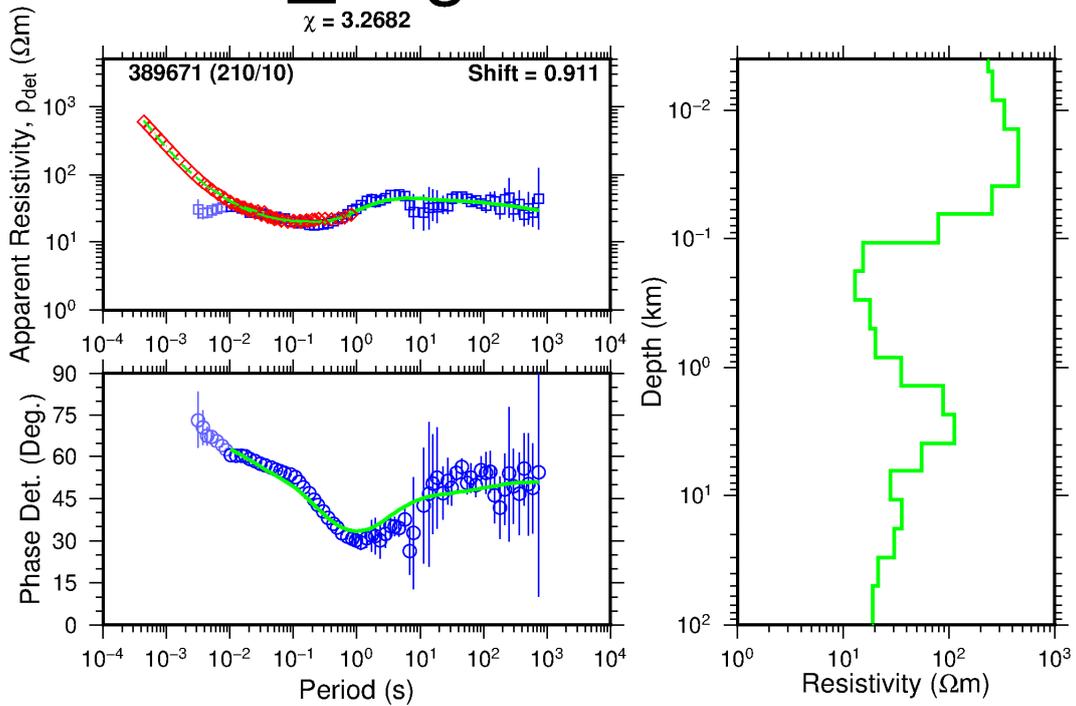
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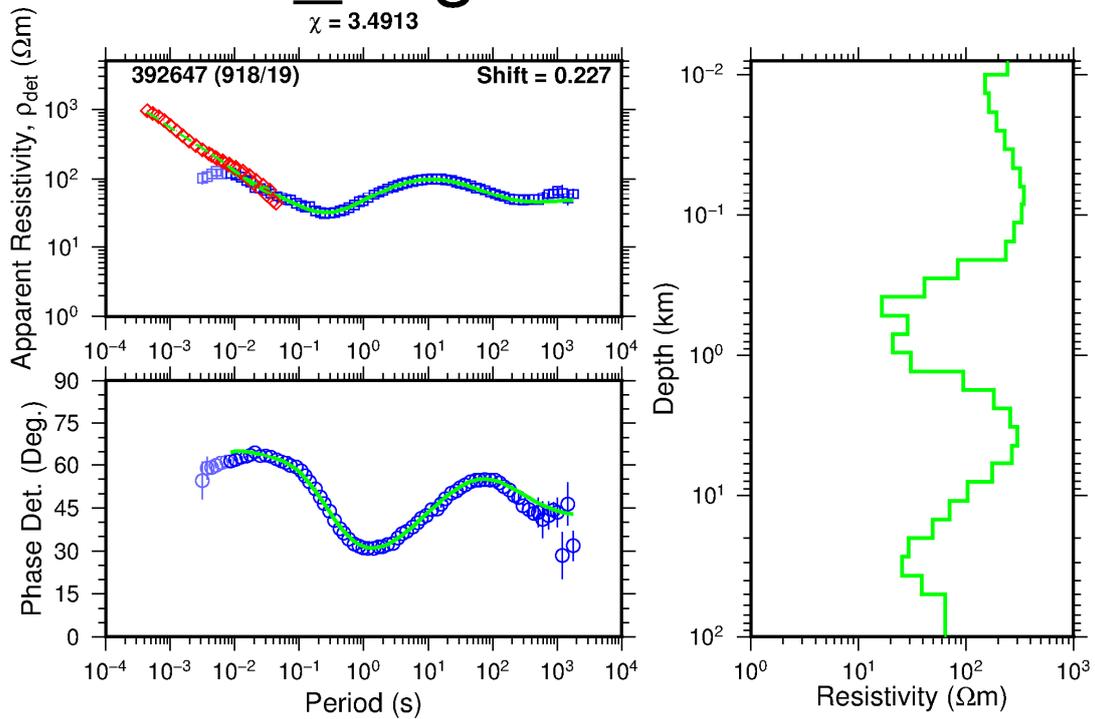


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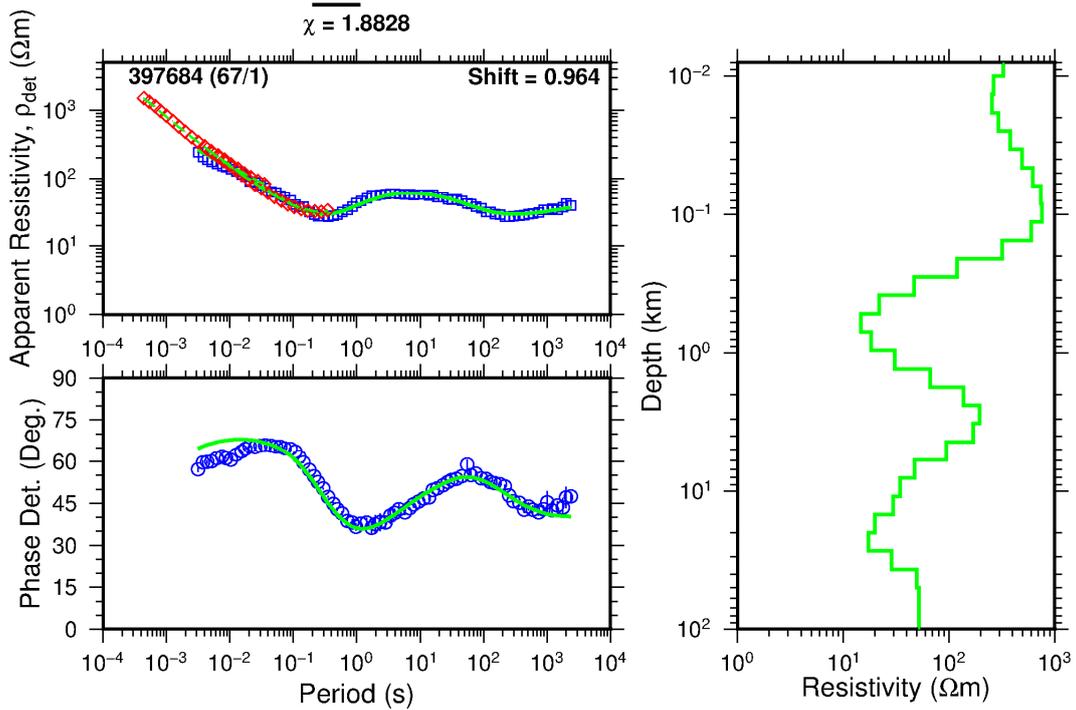
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