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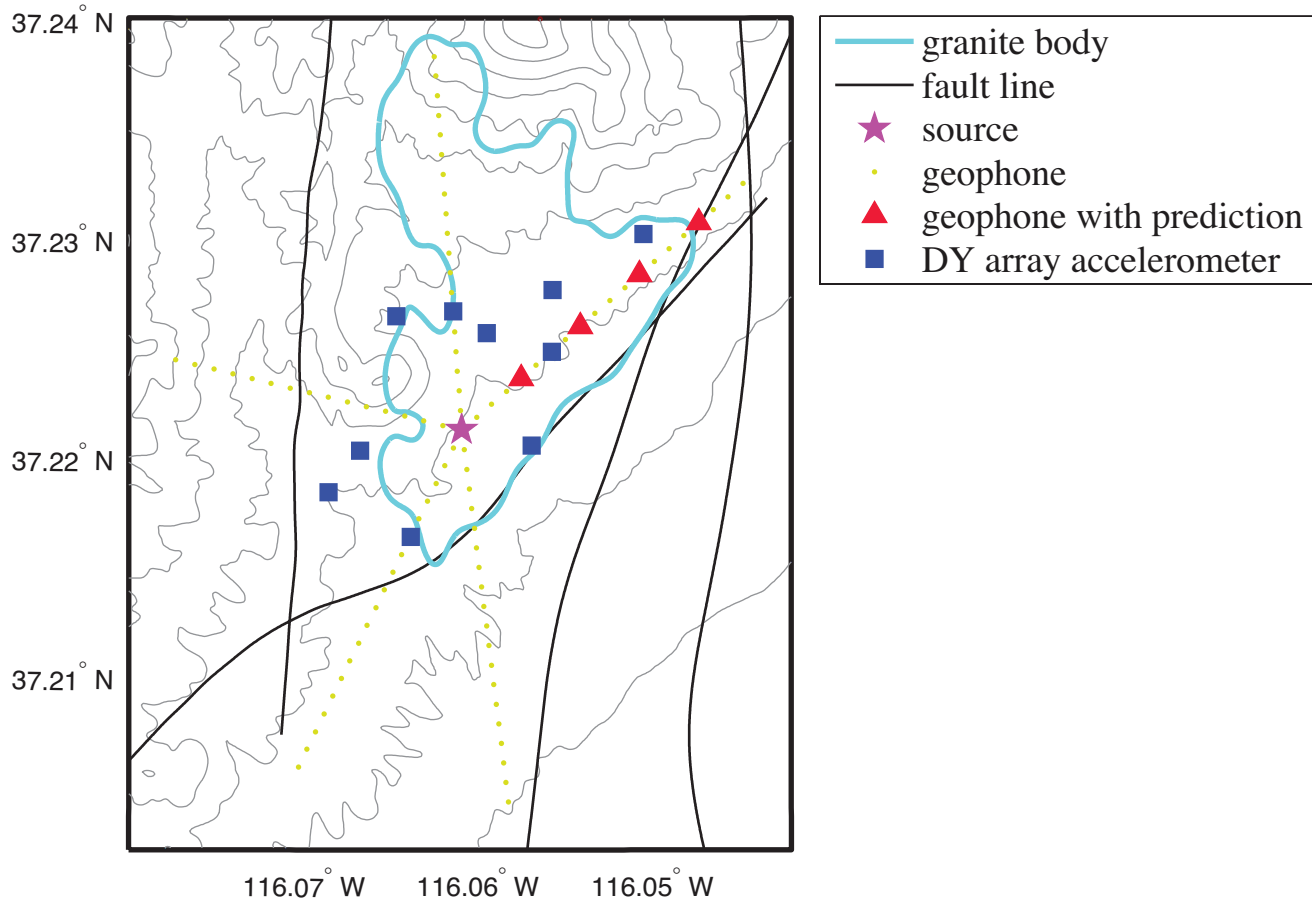
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Geophone and DY Accelerometer Array Performance for SPE-5 and Comparison with Predictions

Xiaoning (David) Yang

Los Alamos National Laboratory

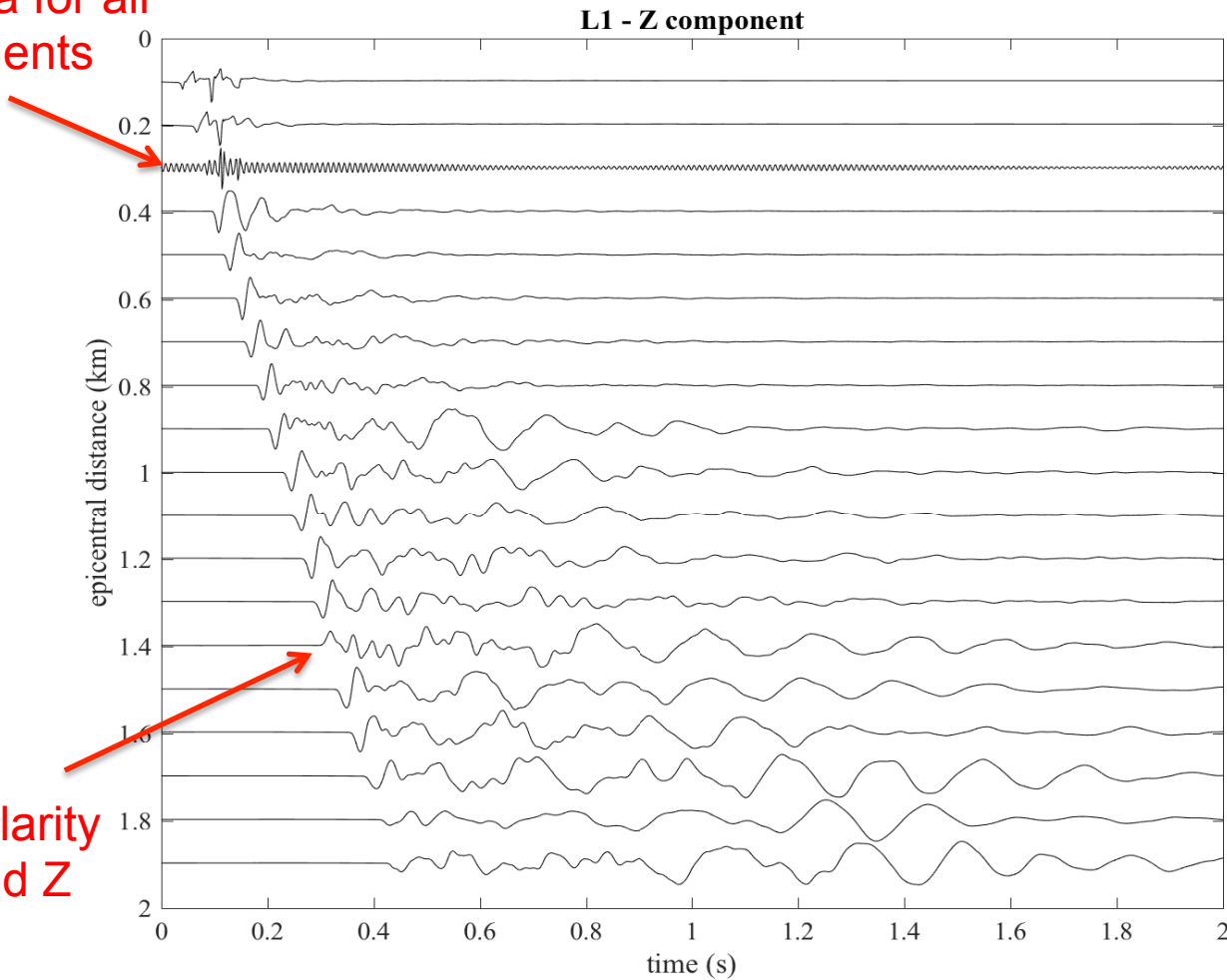


Unclassified

Geophone Line Data Check

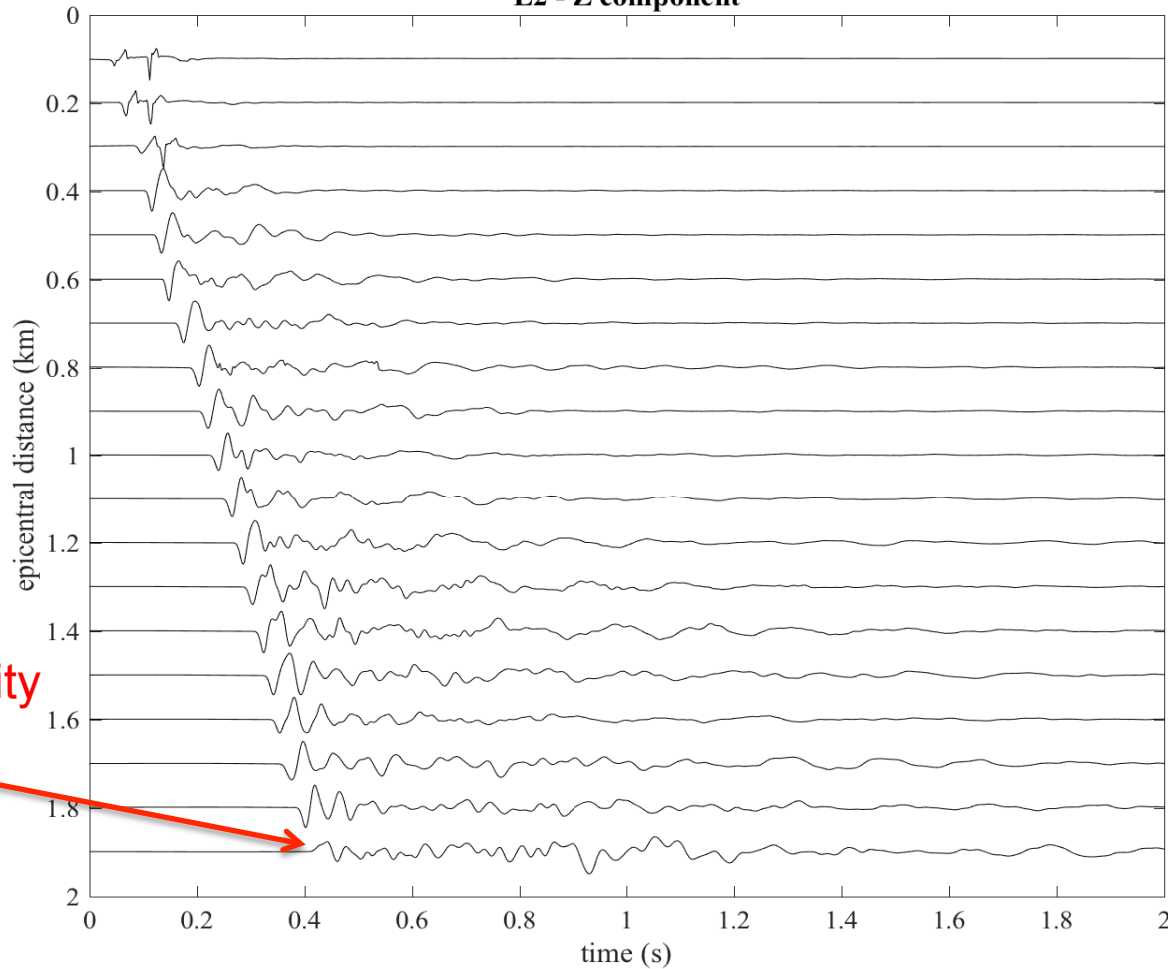
Unclassified

bad data for all components



wrong polarity for R and Z

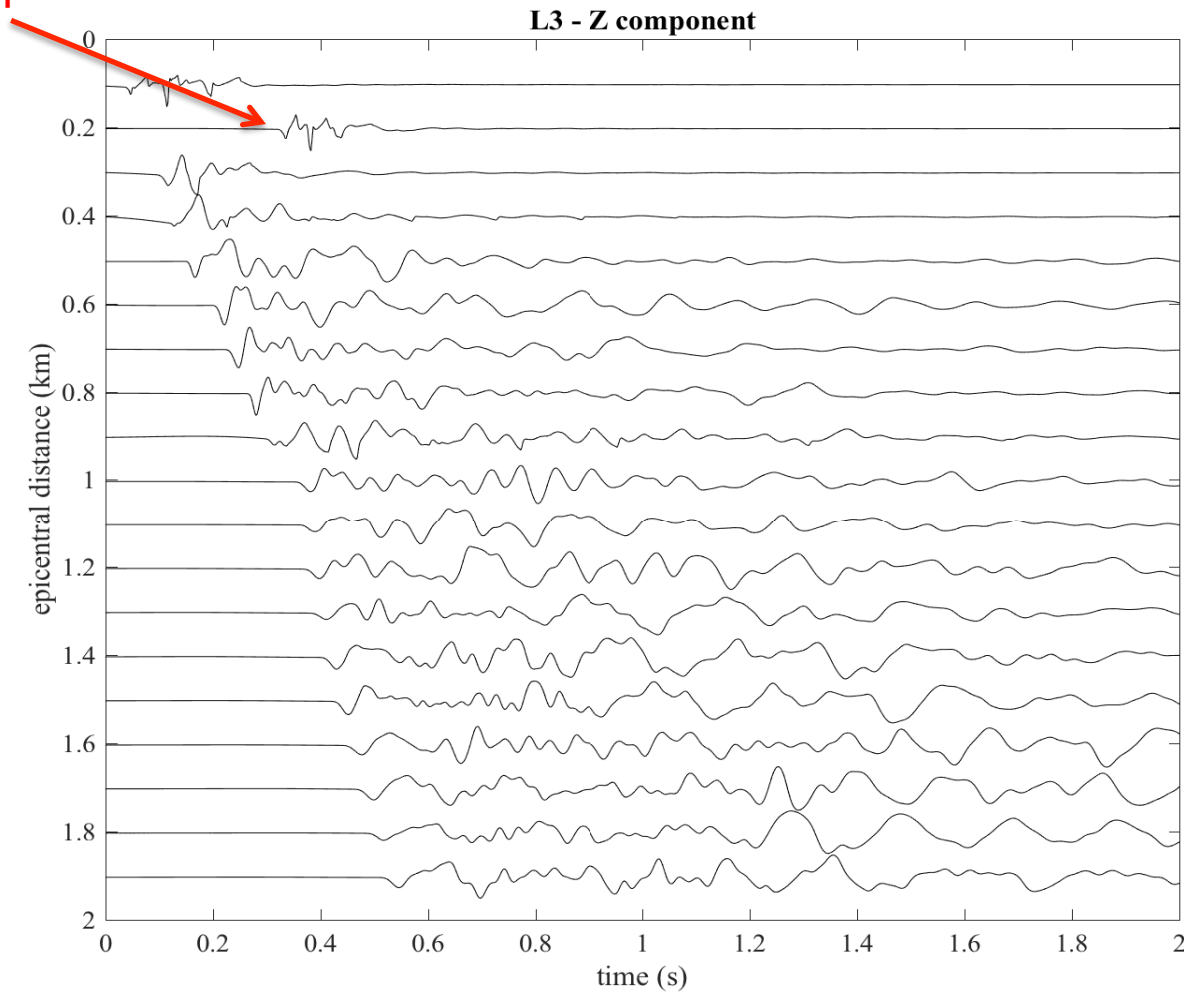
L2 - Z component



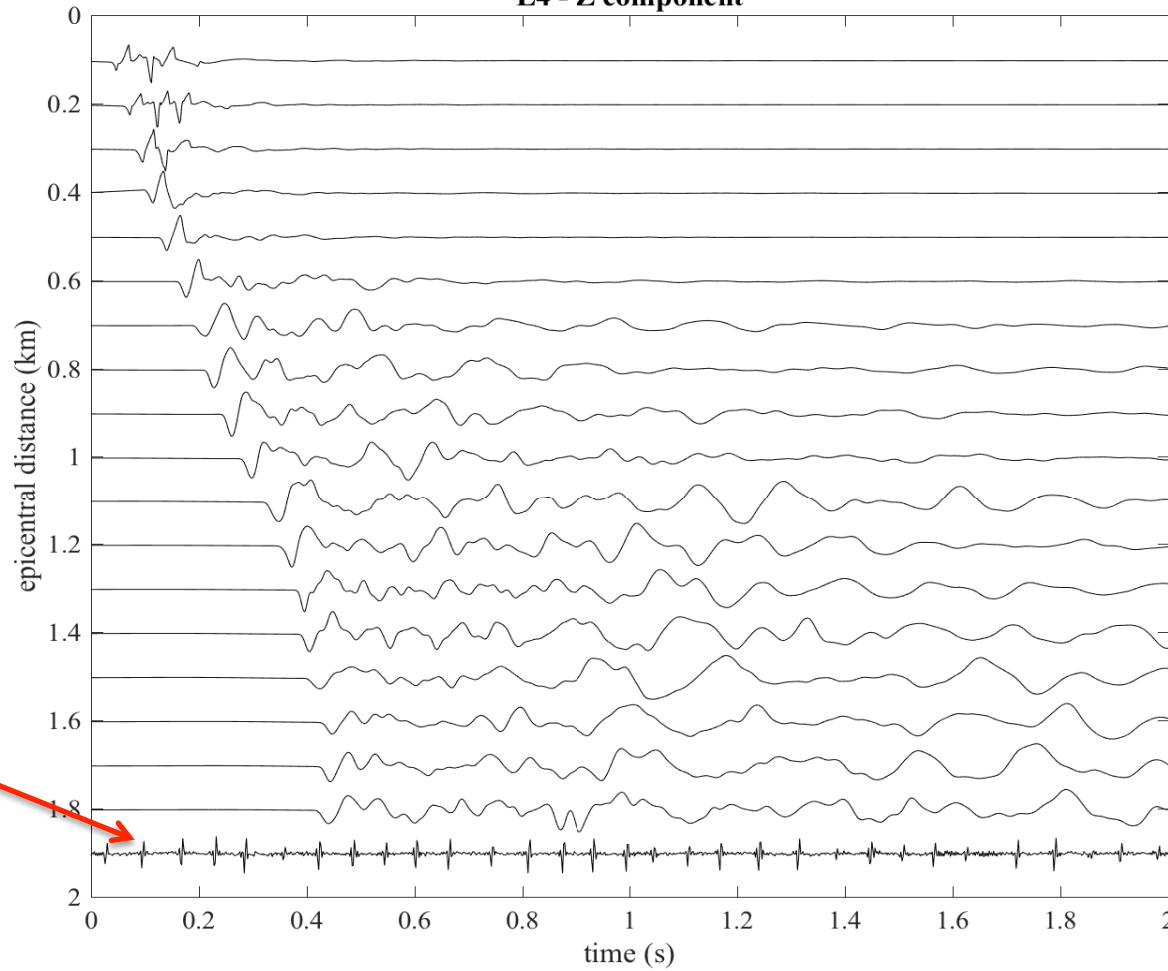
wrong polarity
for R and Z

Unclassified

timing is off for
all components



L4 - Z component



bad Z data

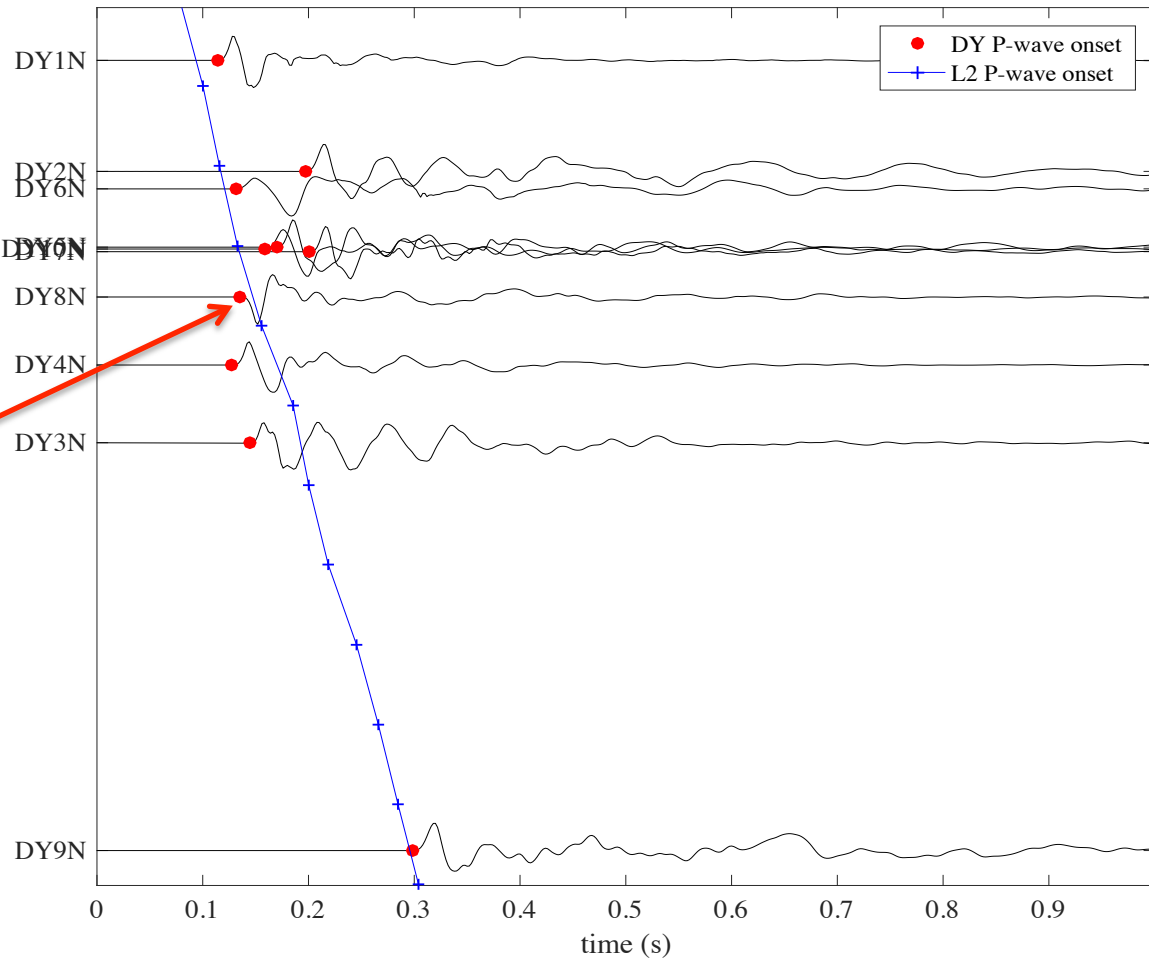


Unclassified

DY Accelerometer Data Check

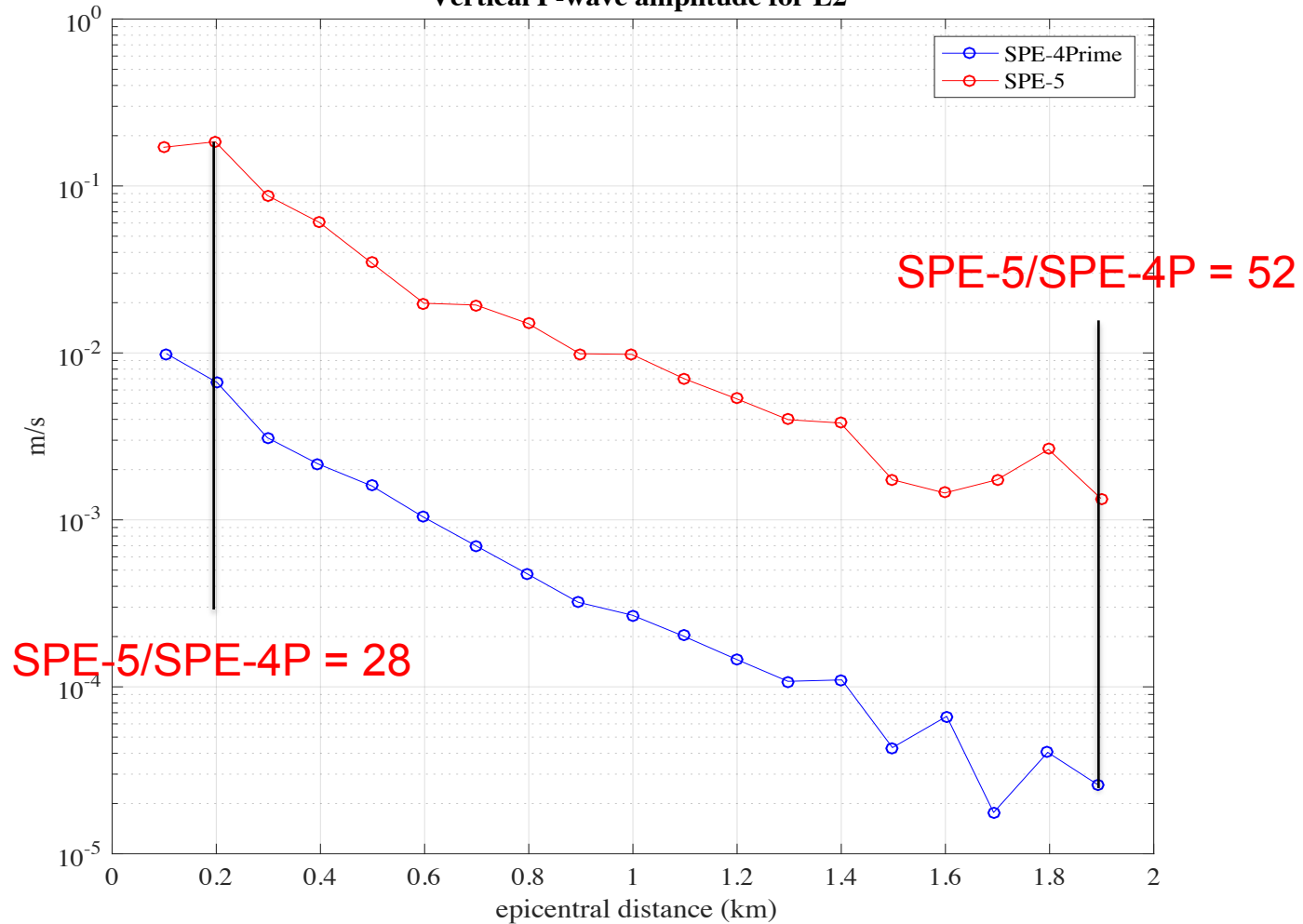
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DY - Z component



wrong Z
polarity

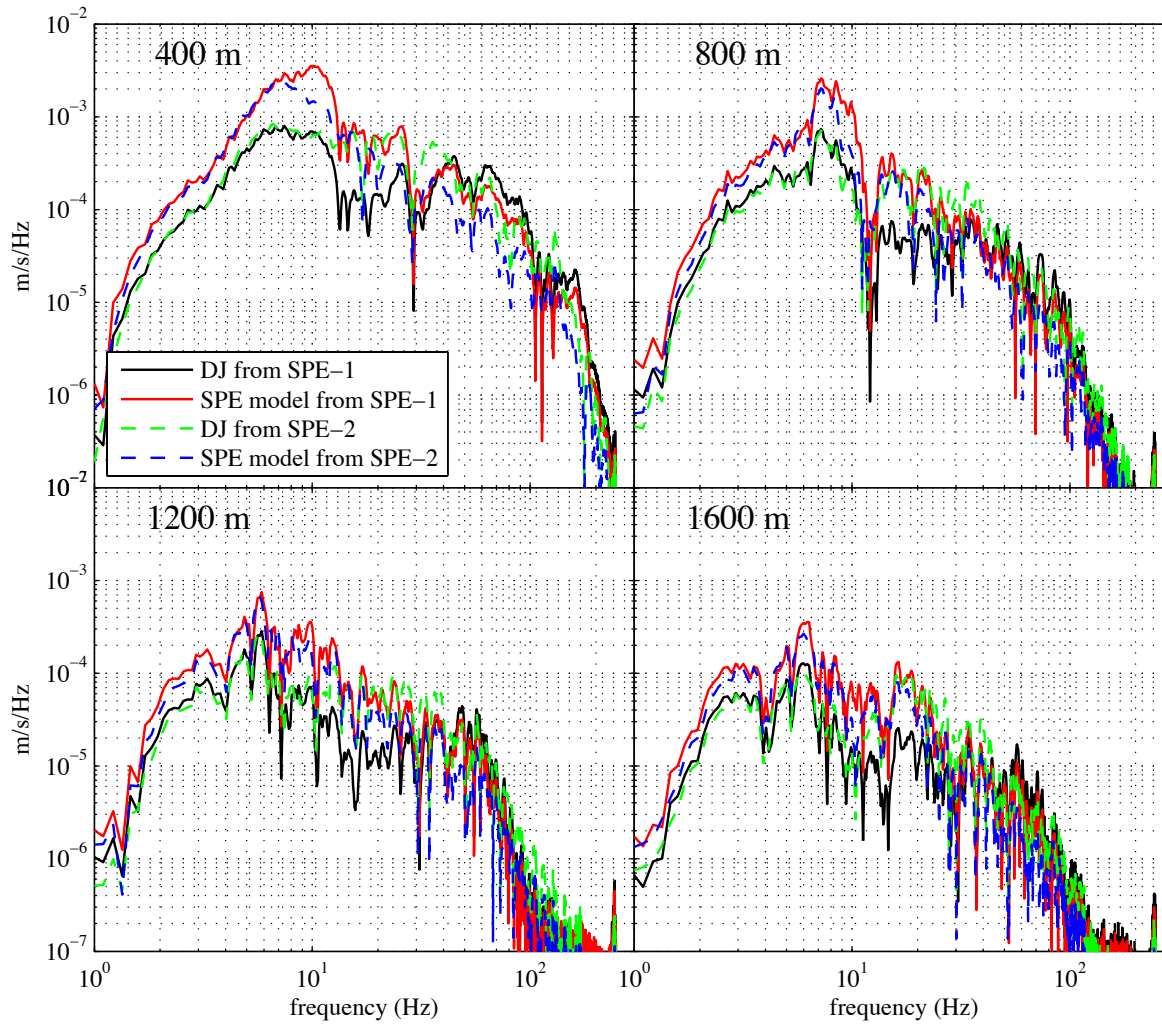
Vertical P-wave amplitude for L2



Comparison with Predictions

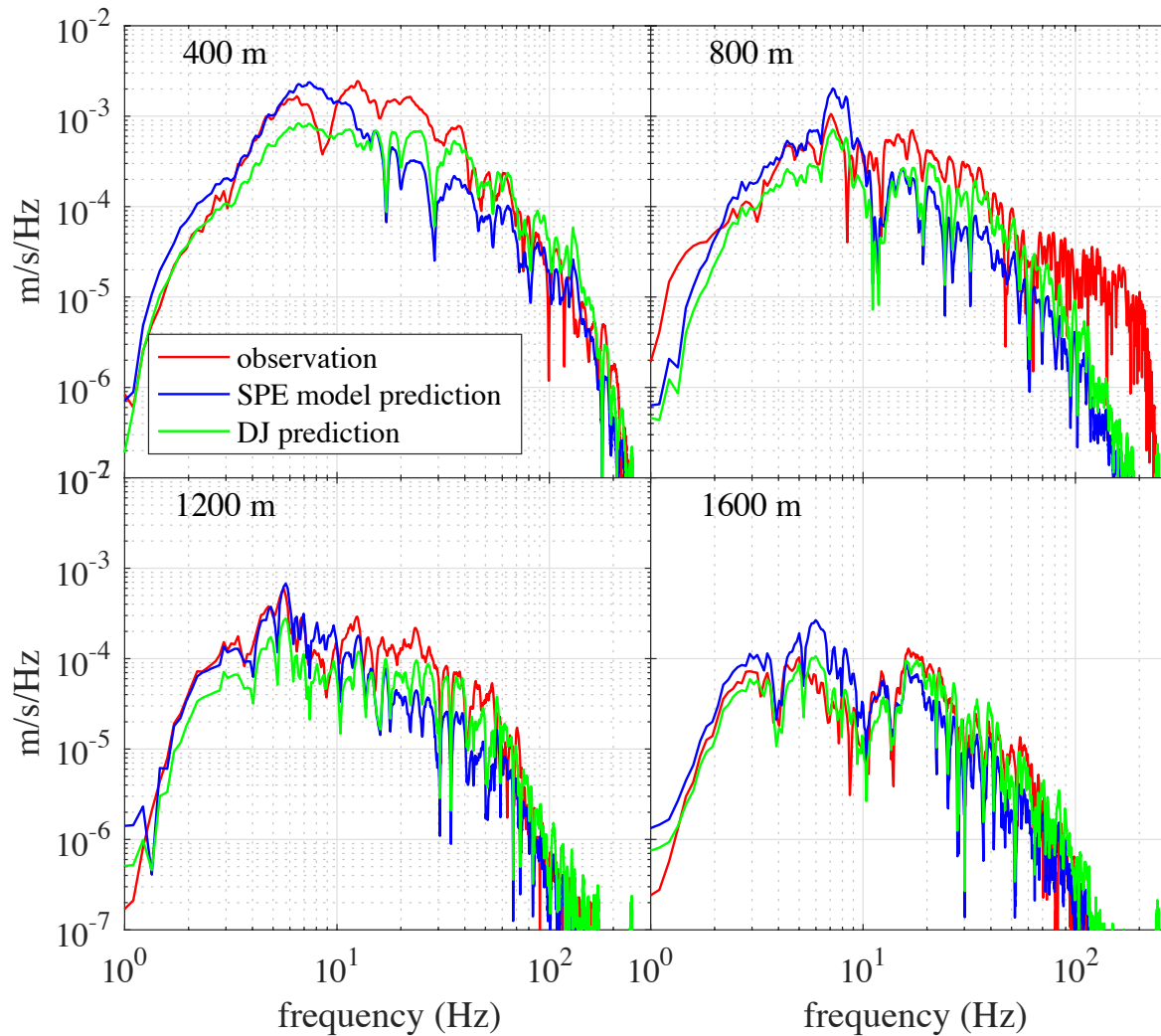
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SPE-5 spectra prediction using SPE-1 and SPE-2 data



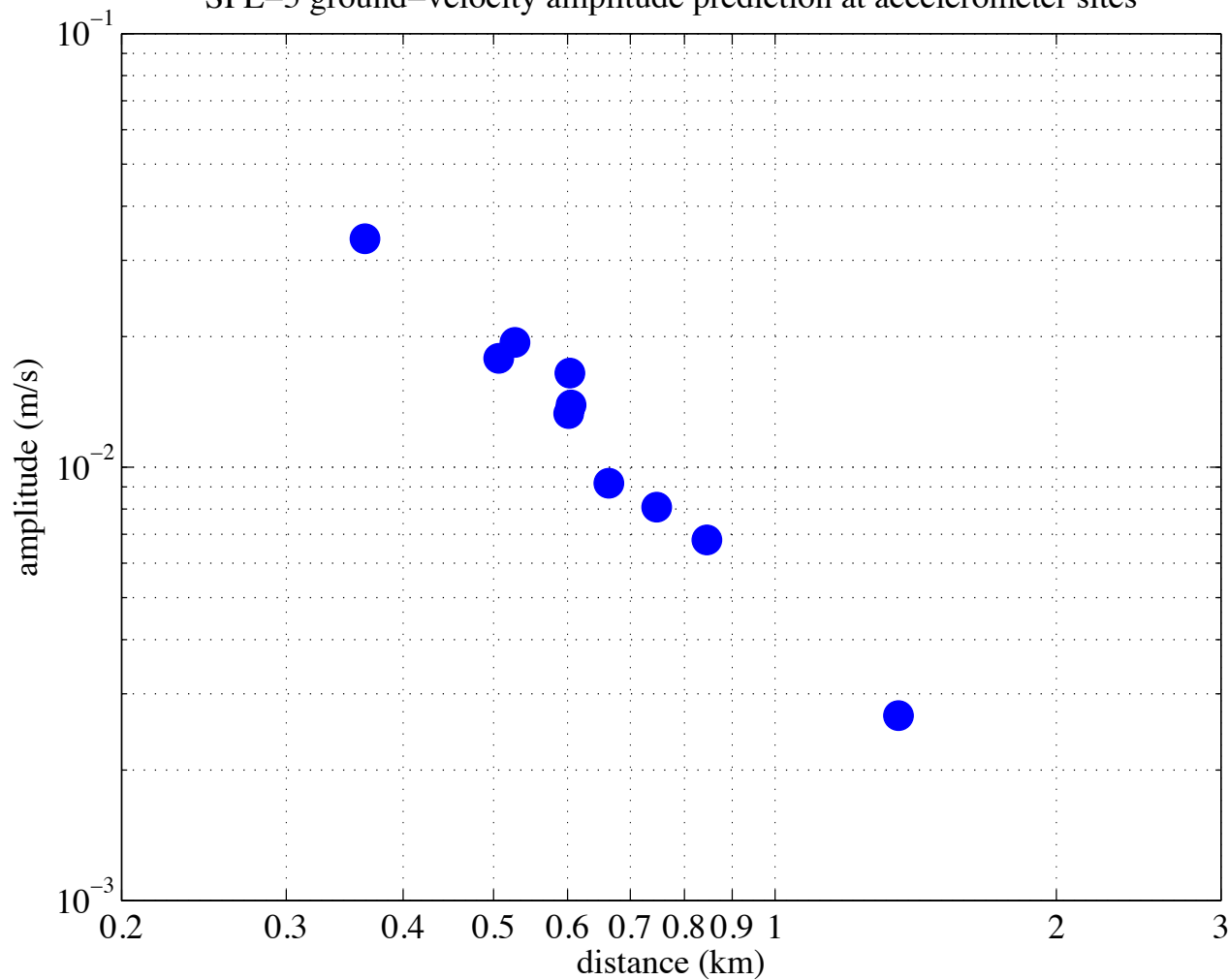
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Comparison between observed SPE-5 spectra and model prediction

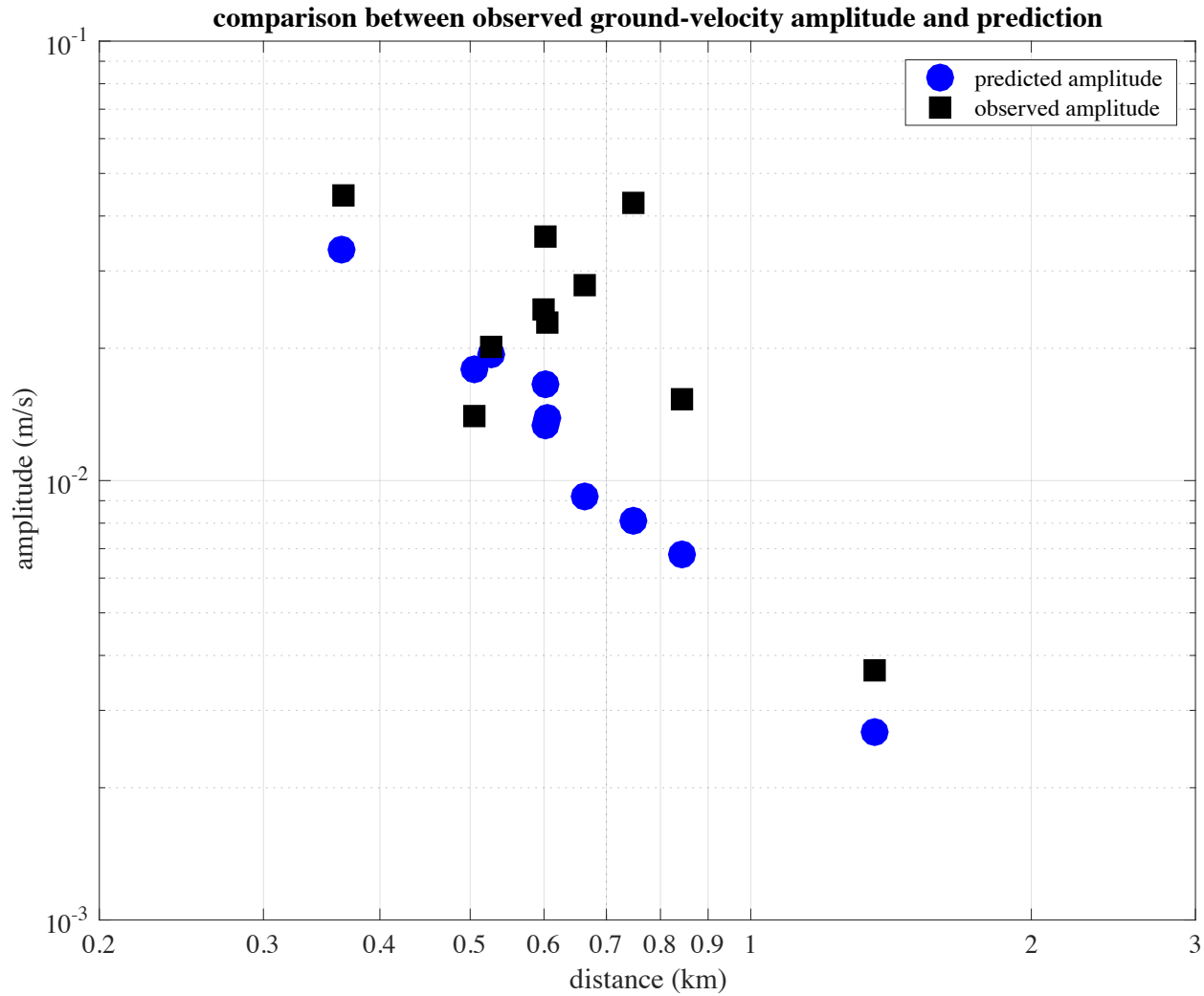


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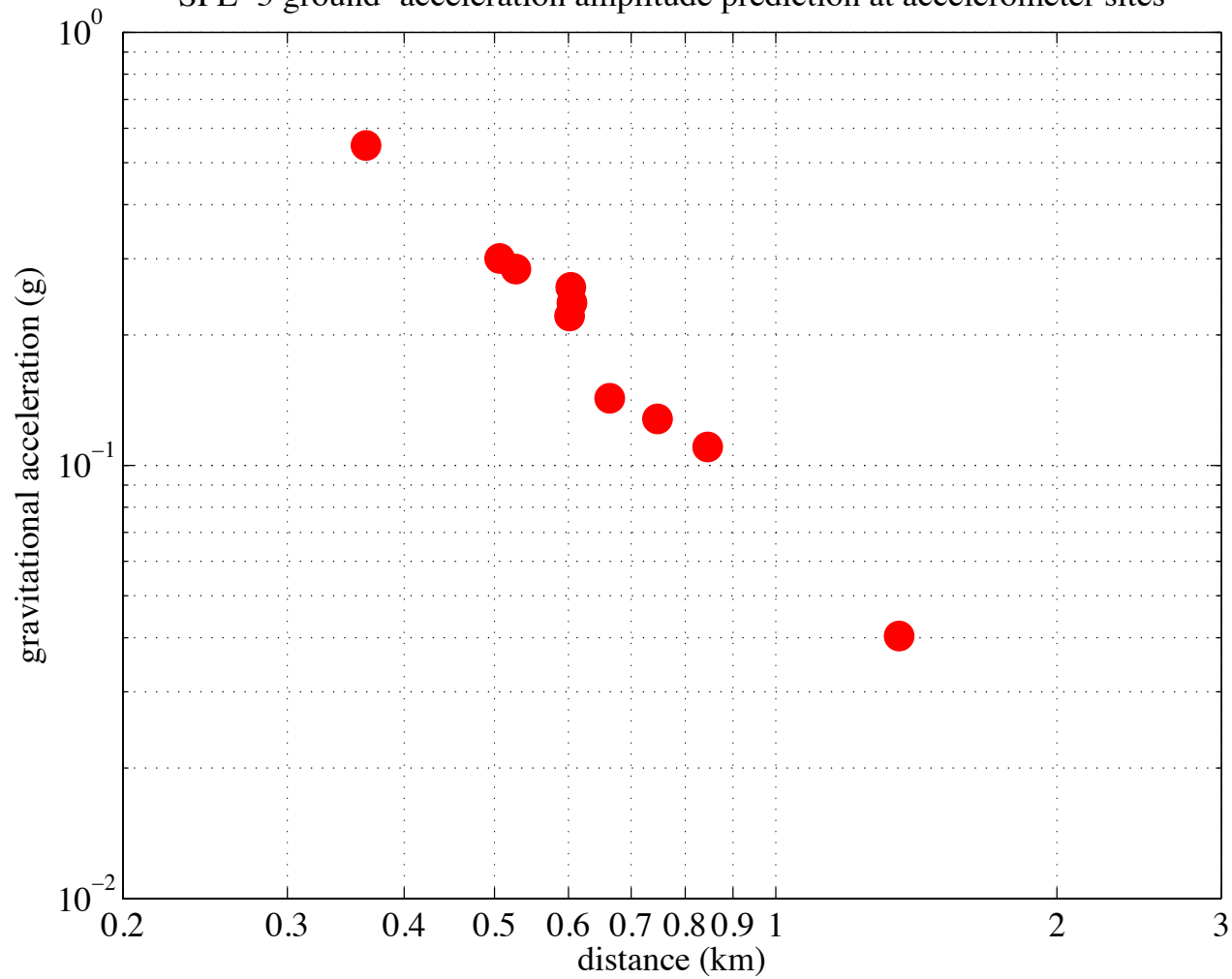
SPE-5 ground-velocity amplitude prediction at accelerometer sites



Unclassified



SPE-5 ground-acceleration amplitude prediction at accelerometer sites



Unclassified

