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Geophysical Survey Logistics Report

TITAN-24 MT and DC/IP Surveys over Pickle Crow Project, Pickle Lake, Ontario, for PC GOLD INC., Kanata, Ontario.

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Kevin Killin
CA00691T
December, 2009

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1. INTRODUCTION

- **Quantec Project No:** CA00691T
- **Project Name:** Pickle Crow
- **Client**: PC Gold Inc.
- **Client Address:** 555Legget Drive, Tower A
  Kanata, Ontario K2K 2X3
- **Client Representative:** Neil Pettigrew
  (807) 345-5380
- **Grid Name:** Pickle Crow
- **Survey Type**: DC Resistivity and Induced Polarization (DCIP).
- **Survey Period:** September 14, 2009 to October 29, 2009
- **Objectives:**

  The exploration objective of the Titan 24 DCIP Survey at Pickle Crow is to map and detect potential Archean Gold mineralization to depth. The DCIP survey should provide an excellent means of delineating target mineralization within the top 500 to 750 meters pending geologic and cultural environment. Titan 24 should provide the following benefits:

  - Locating potential gold rich zones and/or associated alteration
  - Mapping the resistivity and chargeability of the subsurface assisting geologic interpretations
  - Focus drilling thereby reducing overall drilling costs
  - Faster turnover of ground with minimal drilling.

  The Titan 24 **D**istributed **A**cquisition **S**ystem (**DAS**, Sheard, 1998) employs a combination of multiplicity of sensors, 24-bit digital sampling, and advanced signal processing. It provides three independent datasets capable of measuring subsurface resistivities (structure, alteration & lithology) and chargeability (mineralization) to depth.

- **Report Type:**

  Survey logistics, describing the survey parameters and methodology, as well as presenting the survey results in digital/plot forms.

2. GENERAL SURVEY DETAILS

2.1 LOCATION

- **General Location:** Pickle Lake (see Figure 1)
- **Province:** Ontario
- **District:** Kenora
- **Nearest Settlements:** Pickle Lake
- **UTM Zone:** 15U
- **Latitude / Longitude:** approx.: 90º2'14.6"W, 51º30'51.7"N
- **UTM position**[1]**:** approx.: 705557E, 5711189N

Figure 1: Pickle Crow Project General Location Map[2].

2.2 ACCESS

- **Base of Operations:** PC Gold Lodge
- **Mode of Access to Grid:** Trucks
- **Mode of Access to Lines:** Trucks, Argo and foot

2.3 SURVEY AREA

- **Established by:** PC Gold Inc.
- **Coordinate Reference System:** Survey Grid referenced to UTM Coordinates, (see Figure 2 and Table 1)

[1] *UTM coordinates (NAD 83, Zone15U) supplied by PC Gold Inc.*
[2] *Pickle Crow Project General Location Map obtained from Google Earth*

- **Datum & Projection:** NAD 83
- **Station Interval:** 50m
- **Grid Azimuth:** ~317º
- **Declination:** 1ºE
- **Method of Chaining:** Metric, slope distance, pickets GPS surveyed

Line	Array Coord. Start	Array Coord. End	UTM Coord. Start		UTM Coord. End	
			Easting	Northing	Easting	Northing
1000W	1200S	250S	704288	5708415	703642	5709124
800W	1200S	250S	704432	5708548	703791	5709256
600W	1200S	250S	704584	5708685	703940	5709389
500W	1050N	2250N	703144	5710405	702332	5711284
400W	1200S	250S	704730	5708822	704086	5709524
300W	1050N	2150N	703288	5710541	702542	5711345
200W	1200S	250S	704878	5708953	704238	5709659
100W	1050N	1750N	703438	5710671	702962	5711192
000E	1000S	000N	704891	5709235	704219	5709976
100E	1050N	1550N	703582	5710811	703208	5711216
200E	1000S	000N	705036	5709359	704382	5710088
300E	950N	1500N	703796	5710873	703424	5711274
400E_south	1000S	200N	705188	5709506	704379	5710390
400E_north	850N	1450N	703938	5710869	703533	5711305
500E_south	2350S	1000S	706167	5708585	705257	5709563
500E_north	850N	1450N	704008	5710937	703608	5711374
600E_south	1200S	200N	705466	5709492	704528	5710525
600E_north	850N	1500N	704085	5711004	703647	5711474
700E	900N	1450N	704127	5711106	703754	5711510
800E_south	1200S	200N	705621	5709624	704675	5710659
800E_north	850N	1450N	704165	5711211	703832	5711573
900E	850N	1450N	704238	5711280	703902	5711646
1000E_south	1000S	200N	705632	5709909	704823	5710793
1000E_north	100N	1500N	704313	5711347	703944	5711748
1100E	1000S	1500N	705709	5709978	704015	5711815
1200E	1000S	1500N	705783	5710045	704091	5711887
1300E	1000S	1500N	705857	5710110	704164	5711952
1400E	1000S	1400N	705928	5710173	704303	5711946
1500E	2100S	1400N	706736	5709422	704380	5712008
1600E	1000S	1250N	706080	5710310	704554	5711974
1700E	1000S	1200N	706153	5710378	704658	5712004
1800E	1000S	1150N	706227	5710445	704768	5712032
1900E	600S	1200N	706006	5710810	704808	5712141
2000E	500S	1200N	706032	5710941	704944	5712132
2100E	500S	1350N	706094	5711014	704853	5712381
2200E	500S	1350N	706169	5711081	704927	5712451
2300E	500S	1350N	706247	5711148	705003	5712516
2400E	650S	1250N	706416	5711102	705142	5712512
2500E	700S	1250N	706524	5711133	705212	5712580
2600E	800S	1150N	706663	5711123	705357	5712572
2700E	850S	1050N	706769	5711154	705497	5712569
2800E	900S	1050N	706876	5711184	705571	5712635
2900E	950S	1050N	706991	5711218	705641	5712706
3000E	1000S	1050N	707103	5711245	705712	5712769
3100E	500N	1050N	706153	5712432	705791	5712834
3300E	400N	1200N	706379	5712497	705937	5712973
3500E	350N	1050N	706585	5712553	706083	5713106
3700E	300N	1050N	706731	5712695	706230	5713244
3900E	250N	1050N	706913	5712791	706376	5713378
4100E	250N	1050N	707055	5712932	706522	5713511
4300E	200N	1050N	707237	5713030	706664	5713645

Table 1: Pickle Crow Survey Lines (UTM Referenced NAD 83, Zone 15U).

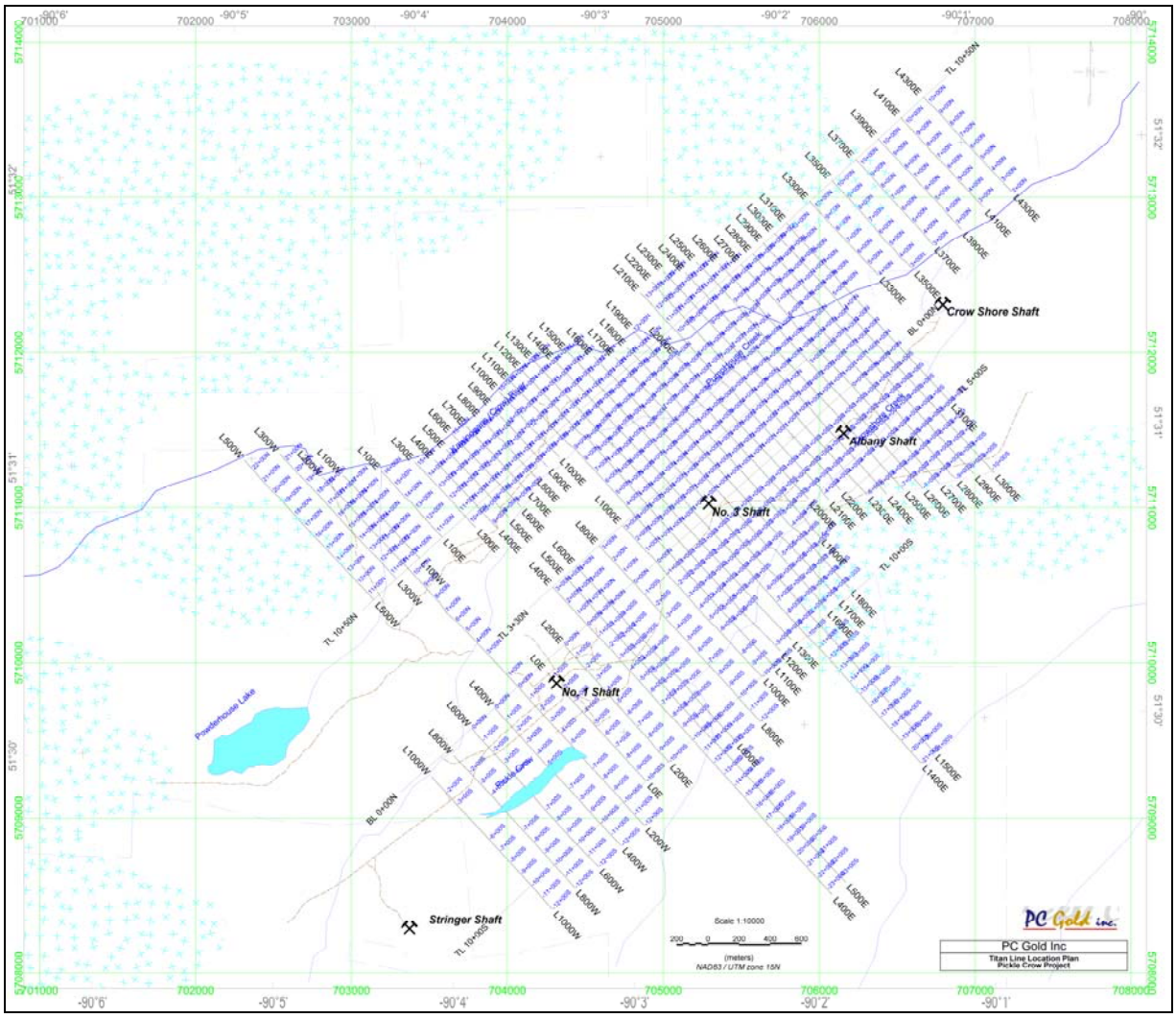

Figure 2: Pickle Crow Line Location Map[3].

[3] *Pickle Crow Line Location Map supplied by QGL*

3. SURVEY WORK UNDERTAKEN

3.1 GENERALITIES

- **Survey Days (read time):** 38
- **Mob/Demob:** 5
- **Line Setup/Pickup:** 2
- **Weather/Down Days:** 0
- **Number of Lines Surveyed:** 51 lines (see Figure 2 and Table 2)
- **Survey Coverage:** DCIP survey: 69.65 km (see Table 2)

3.2 PERSONNEL

- **Project Manager:** Kevin Killin
- **Responsible Geophysicist:** Evelio Martinez
- **Data Processing (in field):** Sarah de Jonge
- **Crew Chief:** Peter Cullinane
- **IP Operator:** Steve Bates
- **Field Technicians:** Rick Bates
  Chris Racine
  Eric Hotvedt
  Chris Marchildon
  Evan Davies
  Richard Chasse

3.3 SURVEY SPECIFICATIONS

3.3.1 DCIP Surveys

- **Survey Array:** Dipole-Pole-Dipole Array
  (combined PDR & PDL, see Figure 3)
- **Receiver Configuration**: 10 - 45 Ex = Continuous In-line voltages (see Figure 4)
- **Array Length:** 0.50km to 2.25km
- **Number of Arrays/line:** 1 to 3
- **Dipole spacing:** 50m
- **Sampling Interval:** 50m
- **Rx-Tx Separation:** N-spacing (Pn-Cn min) = 0.5 to 44.5
  Current electrodes at midpoints between potential electrodes (see Figure 4).
- **Infinite Pole Location:** Grid Coordinates: 6090W, 1960N
  UTM Coordinates: 698324E, 5707658N
- **Spectral Domain:** Tx = Frequency-domain square-wave current
  Rx = Full waveform time-series acquisition
  Data processing/output in frequency-domain

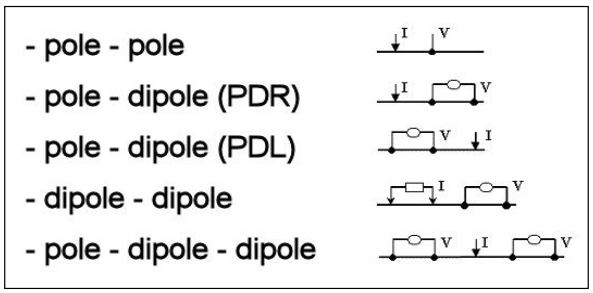

Figure 3: Common DCIP Survey Layouts

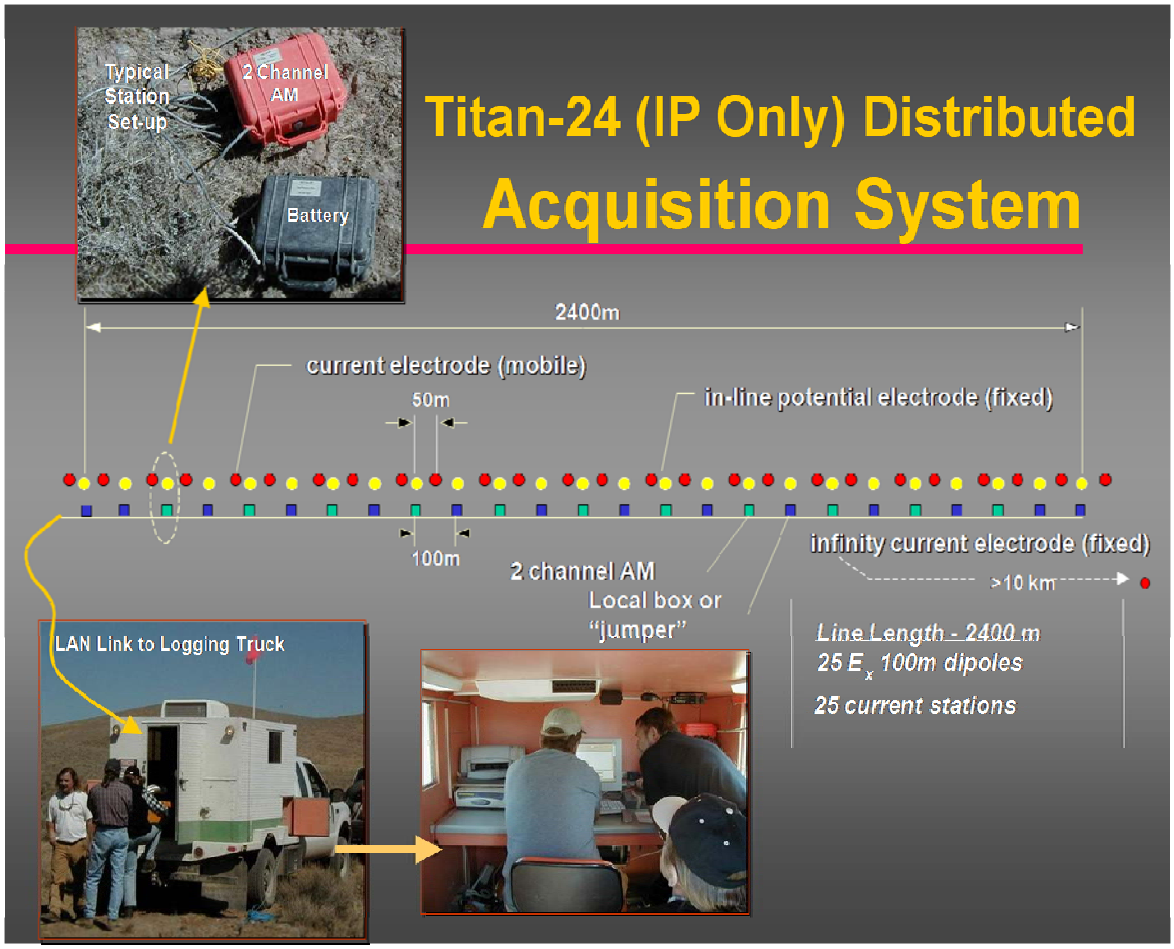

Figure 4: Titan DCIP Schematic Survey Layout.

3.4 SURVEY COVERAGE

3.4.1 DCIP Survey

LINE	SETUP	Min P1	Max P2	Min Tx	Max Tx	Coverage (km)	Coverage (km) with Tx extension
1000W	1	1200S	250S	1225S	75S	0.95	1.15
800W	1	1200S	250S	1225S	75S	0.95	1.15
600W	1	1200S	250S	1225S	25S	0.95	1.20
500W	1	1050N	2250N	1075N	2275N	1.20	1.20
400W	1	1200S	250S	1225S	25S	0.95	1.20
300W	1	1050N	2150N	1075N	2175N	1.10	1.10
200W	1	1200S	250S	1225S	25S	0.95	1.20
100W	1	1050N	1750N	1075N	1775N	0.70	0.70
000E	1	1000S	000N	1025S	125N	1.00	1.15
100E	1	1050N	1600N	1075N	1625N	0.55	0.55
200E	1	1000S	000N	1025S	75N	1.00	1.10
300E	1	950N	1500N	975N	1525N	0.55	0.55
400E	South	1000S	200N	1225S	375N	1.20	1.60
	North	850N	1450N	875N	1475N	0.60	0.60
500E	South	2350S	1000S	2375S	725S	1.35	1.65
	North	850N	1450N	875N	1475N	0.60	0.60
600E	South	1200S	200N	1225S	425N	1.40	1.65
	North	850N	1500N	875N	1475N	0.65	0.60
700E	1	900N	1450N	925N	1475N	0.55	0.55
800E	South	1200S	200N	1225S	425N	1.40	1.65
	North	950N	1450N	925N	1475N	0.50	0.55
900E	1	900N	1450N	925N	1475N	0.55	0.55
1000E	South	1000S	200N	1025S	425N	1.20	1.45
	North	900N	1500N	925N	1475N	0.60	0.55
1100E	South	1000S	400N	1025S	1025N	1.40	2.05
	North	100N	1500N	225S	1525N	1.10 (1.40)	1.75
1200E	South	1000S	400N	1025S	1025N	1.40	2.05
	North	100N	1500N	225S	1475N	1.10 (1.40)	1.70
1300E	South	1000S	400N	1025S	1025N	1.40	2.05
	North	100N	1500N	225S	1475N	1.10 (1.40)	1.70
1400E	1	1000S	400N	1025S	1025N	1.40	2.05
		100N	1400N	275S	1425N	1.00 (1.30)	1.70
1500E	South	2100S	700S	2125S	25S	1.40	2.10
	Middle	1000S	400N	1025S	1025N	1.10 (1.40)	2.05
	North	100N	1400N	225N	1425N	1.00 (1.30)	1.20
1600E	1	1000S	1250N	1025S	1225N	2.25	2.25
1700E	1	1000S	1200N	1025S	1175N	2.20	2.20
1800E	1	1000S	1150N	1025S	1175N	2.15	2.20
1900E	1	600S	1200N	625S	1175N	1.80	1.80
2000E	1	500S	1200N	525S	1225N	1.70	1.75
2100E	1	500S	1350N	525S	1375N	1.85	1.90
2200E	1	500S	1350N	525S	1375N	1.85	1.90
2300E	1	600S	1350N	625S	1375N	1.95	2.00
2400E	1	650S	1250N	675S	1275N	1.90	1.95
2500E	1	700S	1250N	725S	1275N	1.95	2.00
2600E	1	800S	1150N	825S	1175N	1.95	2.00
2700E	1	850S	1050N	875S	1075N	1.90	1.95
2800E	1	900S	1050N	925S	1075N	1.95	2.00
2900E	1	950S	1050N	975S	1075N	2.00	2.05
3000E	1	1000S	1050N	1025S	1075N	2.05	2.10
3100E	1	500N	1050N	475N	1075N	0.55	0.60
3300E	1	400N	1200N	375N	1225N	0.80	0.85
3500E	1	300N	1050N	275N	1075N	0.75	0.80
3700E	1	300N	1050N	275N	1075N	0.75	0.80
3900E	1	250N	1050N	275N	1075N	0.80	0.80
4100E	1	200N	1050N	225N	1075N	0.85	0.85
4300E	1	200N	1050N	225N	1075N	0.85	0.85
Note: values in brackets include overlap stations					**TOTAL**	**69.65 (71.45) km**	**80.25 km**

Table 2: Pickle Crow Grid - Max and Min Pole-Dipole Electrode Position.

3.5 INSTRUMENTATION

- **Receiver System:** Quantec Distributed Array Acquisition System comprising:
  - 61 channels max. per system (operationally with internal A/D conversion (24bit @120db / dual speed @120-48kHz), and buffer memory (6Mb).
    22 x 2-channel Acquisition Modules (AMs)
    17 x 1-channel Acquisition Modules (AMs)
    AM data transmission using LAN cabling
  - 2 Central Recording Units (CRU)
- **Transmitter (DCIP Surveys):** ZONGE GGT-10 (10kW) with frequency/waveform control, using CPU, and Current Monitor (CM)
- **Power Supply (DCIP Surveys):** Westinghouse Alternator (30 KVA @ 400 Hz / 220V / 3 phases) with Kolher Command 25 engine (25 HP / 2cyl) and Zonge VR-1 voltage regulator
- **Receiver Electrodes**: Ground contacts using stainless steel rods
- **Transmit electrodes** 4 x 1.2cm diameter 1 meter long stainless steel rods

3.6 PARAMETERS

3.6.1 DCIP Survey

- **Transmitter Waveform:** 30/256 Hz square waves at 100% duty cycle (~4sec Pos./Neg.)
- **Transmitter Output Current:** min ~0.1 amperes to max ~6.0 amperes
- **Receiver Sampling Speed:** 240 samples/second (24 bit A/D @ 120 db dynamic range)
- **Tx-Rx Synchronization:** using current monitor (10 μsec time-accuracy)
- **Time-Series Stacking:** 20 cycles (full-waveform)
- **Read Time:** approx 3.0 minutes per event
- **Post-Processing:** using QGL QuickLay™ v.2.30.14
  1) Time-series stacking
  2) Robust statistics
  3) Current waveform deconvolution
  4) Digital filtering (60Hz + harmonics)
  5) Spectral model decay-curve fitting (see Figure 5)
- **Time-Domain Decay Window:** T_{Omin} to T_{Fmax} = 0.80 - 2.0 seconds
- **Final Data Output:**
  1) Normalized voltage (volts/ampere)
  2) Voltage error (percent)
  3) Phase (milliradians)
  4) Phase error (milliradians)
  5) Apparent Resistivity (Ωm).
- **Spectral Chargeability Model[4]:** Halverson-Wait (see Figure 5)

[4] *The Halverson-Wait model chargeability (Halverson et al., 1981) is similar to and improves upon the frequency-domain Cole-Cole model (Pelton et el., 1978) described in the time-domain by Johnson (1984).*

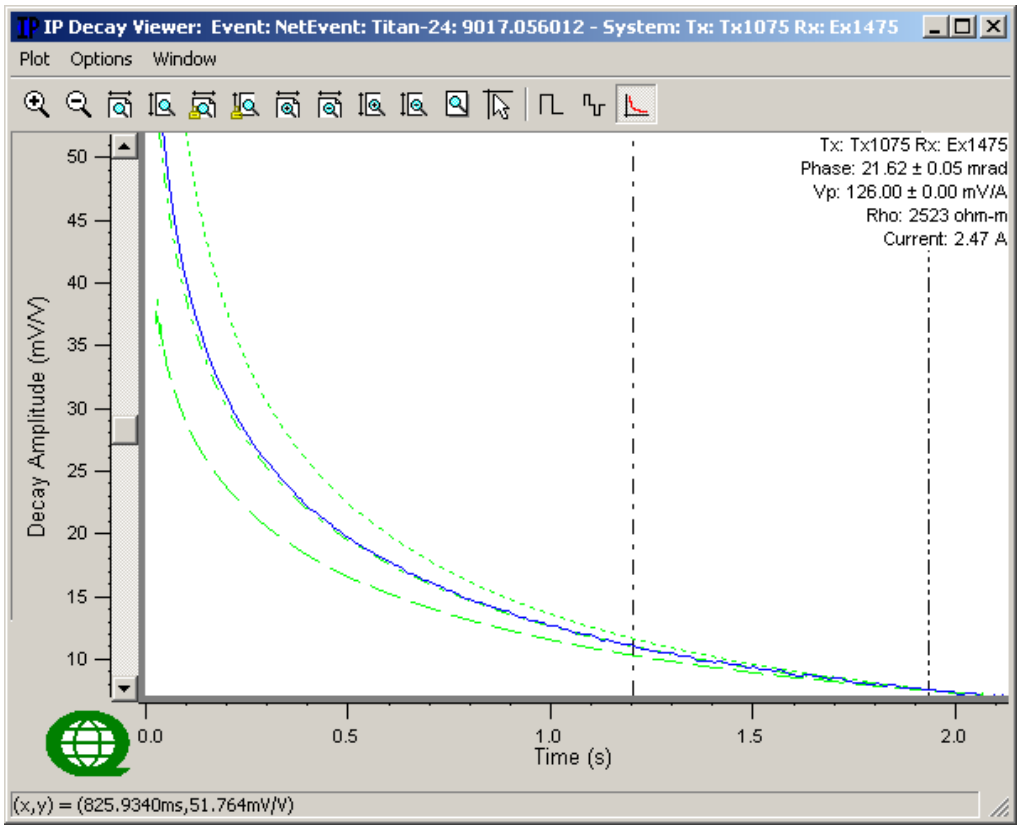

Figure 5: Spectral Chargeability Model and Calculated Halverson-Wait Decays[5].

3.7 DATA ACCURACY AND REPEATABILITY

3.7.1 DCIP Survey

ERROR TYPE	PHASE ERRORS	VOLTAGE ERRORS
1. **Measured Data** average error (from csv files) using Halverson-Wait model calculation.	0.38 mrad	0.02 %

Table 3: Average Errors for DCIP Measurements.

[5] *HW model parameters calculated in frequency domain, with hatched green lines corresponding to theoretical HW decay with spectral r-factors of 0.1, 1.0 (default) & 10, k-factor of 0.2 (default).*

3.8 DATA PRESENTATION

3.8.1 DCIP Survey

- **Pseudosection Plots:** In-line DC/IP Resistivity and Chargeability Pseudo sections, posted, contoured (equal area zoning) and plotted in ground units using Quantec's QuickLay viewer (Appendix D).

- **Digital**

  Raw Data: Raw Event Log File Folders (eg. Eventxxxx.dat). Also contains AU.txt and Event.log files, which contain information on the location and time of the event in QuickLay propriety digital format (output to Matlab format upon request).

  Processed data: DCIP ASCII DATA, in *.CSV(comma delimited) file format, from QuickLay, containing final processed voltage and phase data (Ex)

Line 1:	Column headings
Column 1:	Event name/number (e.g., Event100020)
Column 2:	Transmitter site ID (e.g., Tx150)
Column 3:	Receiver site ID (e.g., Rx150)
Column 4-11:	C1-C2/P1-P2 positions in X and Y meters)
Column 12:	Current (amperes)
Column 13:	Current error (amperes)
Column 14:	Normalized voltage (volts/ampere)
Column 15:	Voltage error (volts/ampere)
Column 16:	Phase (milliradians)
Column 17:	Phase error (milliradians)
Column 18:	Apparent resistivity (ohm-meters)[6].

[6] *Note: Apparent resistivities calculated in 2d space using 4-electrode general array configuration (as per XY electrode positioning in columns 4-11 of csv file) – not based on pole-dipole calculations (K. Nurse, QGL, pers. comm., 07-2004).*

4. REFERENCES

1. Halverson, M.O., Zinn, W.G., McAlister, E.O., Ellis, R., and Yates, W.C. (1981). Assessment of results of broad-band spectral IP field test. In: Advances in Induced Polarization and Complex Resistivity, pp.295-346, University of Arizona.
2. Johnson, I.M (1984). Spectral induced polarization parameters as determined through time-domain measurements. Geophysics, v. 49, pp. 1993-2003.
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4. Sheard, N. (1998). MIMDAS: A new direction in geophysics. Proceedings of the ASEG 13th International Conference, Hobart, Tasmania.

RESPECTFULLY SUBMITTED
QUANTEC GEOSCIENCE INC.

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December, 2009
Toronto, ON

APPENDIX D: INSTRUMENT SPECIFICATIONS

REF TEK – 120 DATA ACQUISITION SYSTEM

REFRACTION TECHNOLOGY INC. – PLANO, TEXAS
(WWW.REFTEK.COM)

SPECIFICATIONS:

Specification	Description
Physical	
Size:	267 x 248 x 184 mm 10.5 x 9.75 x 7.25 in.
Weight:	3.7kg 305 g 8 lbs (2-Channels maximum weight))
Temperature:	-40°C to 60°C operating range.
Environmental:	Operates in 1m of water without leaking for 48 hours. Airtight to 1.0 psi.
Shock:	Remains operational after 1m drop (any corner) onto cement floor.
Connectors	
Line A & Line B:	A pair of identical 10 pin U77/U style connectors. Each connector provides 3 pairs of lines (+): • A (+)/B (-) Receive telemetry data and/or commands • C (+)/D (-) Transmit telemetry data and/or commands • E (+)/F (-) Sync
Power:	PTO7A12-8S style connector. Provides input +12 VDC supplied from battery.
Sensor:	PU283/U style connector. Provides for a direct connection from the AM to the sensor.
Power Requirements	
Battery:	Two 12 volt lead acid battery (7 Ah).
Signal Input	
Input Impedance:	10 megohms, 330pF, differential
Broadband Dynamic Range:	130dB (noise power ratio test @ 125 sample per second [sps])
ADC Type:	Delta-sigma modulation
Sample Rage:	Multiple 50 to 48,000
Gain Settings:	Four – programmable for 1, 4, 16 and 64.

Sensor Input Signal Range:

Gain	24-Bit High Speed A/D		24-Bit Low Speed A/D	
	Actual	Reported	Actual	Reported
1	1.192μV	78.12mV	1.907μV	125.0mV
4	298.0nV	19.53mV	476.8nV	31.25mV
16	74.51nV	4.883mV	119.2nV	7.812mV
64	18.63nV	1.221mV	29.80nV	1.953mV

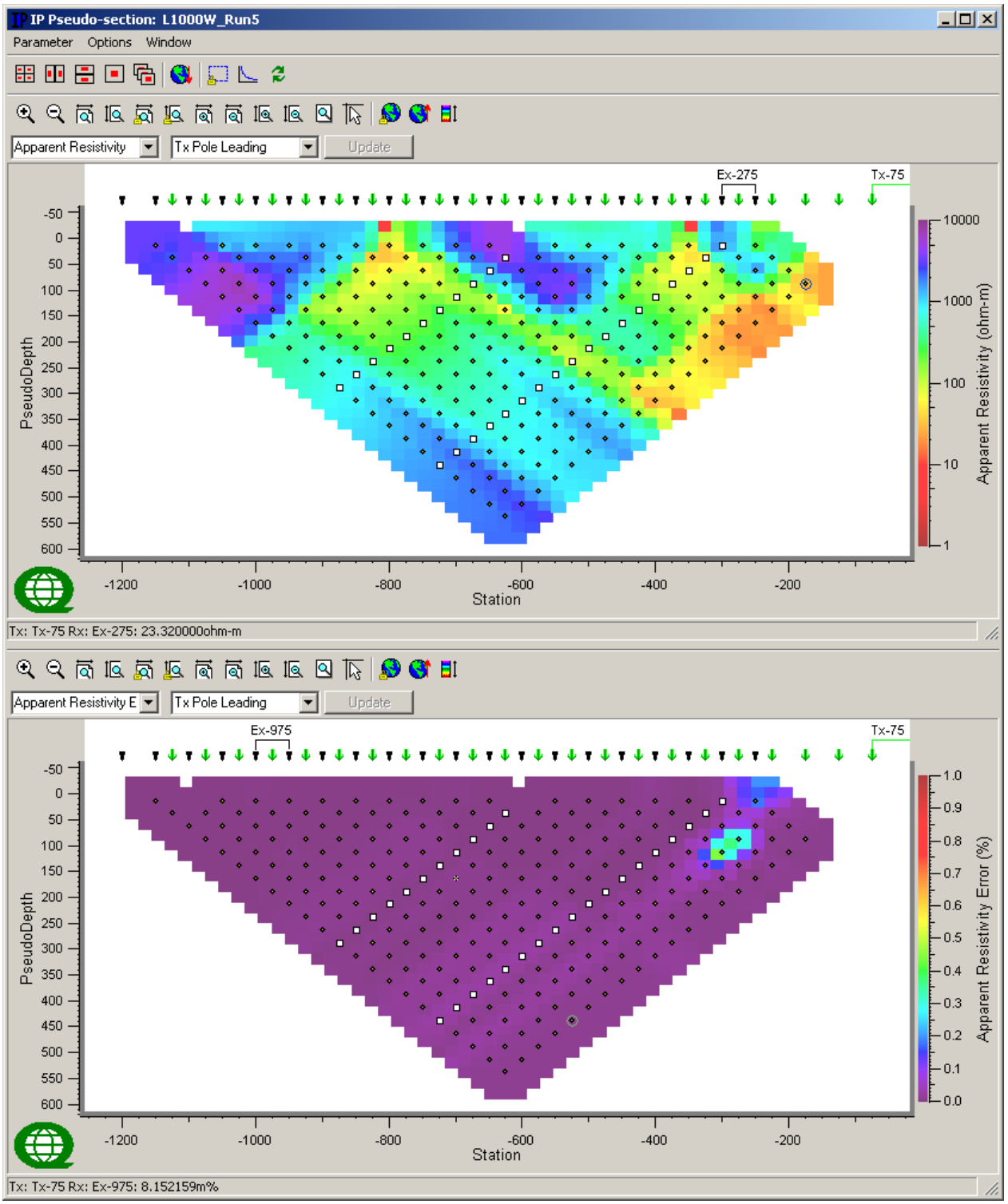
Data Storage	
Data Size:	32-bit two's compliment.
Base Memory:	128K EPROM 6.5Mb SRAM
Base Capacity:	Better than 1.5 million samples or approximately 3 hours 10 minutes continuous data @ 125 sps.

Specification	Description
AM Telemetry	
Protocol:	Full duplex synchronous data link control (SDLC).
Error Correction:	Packet acknowledge with modulo 8 sliding window.
Speed	3.072Mb/second
Encoding:	Bi-phase pulse = 1, missing pulse = 0
Line Impedance:	100 Ohm
Synchronization	
Timing:	Each AM on-line is timed and synchronized for simultaneous sampling within + 1.50 μsecond.
Protection	
Electrical Protection:	Line A and Line B signals circuits are protect by: • A surge arrestor located on the RT514 board (SS1-14). • A line isolation transformer located on the RT514 board (T1-6) with over-voltage diodes (D1-4) on both sides of each secondary windings.
State-of-Health	
Information Provided:	The AM reports information on battery status, clock setting, gain setting, calibration mode and the communications link.

APPENDIX C – IP PSEUDOSECTIONS

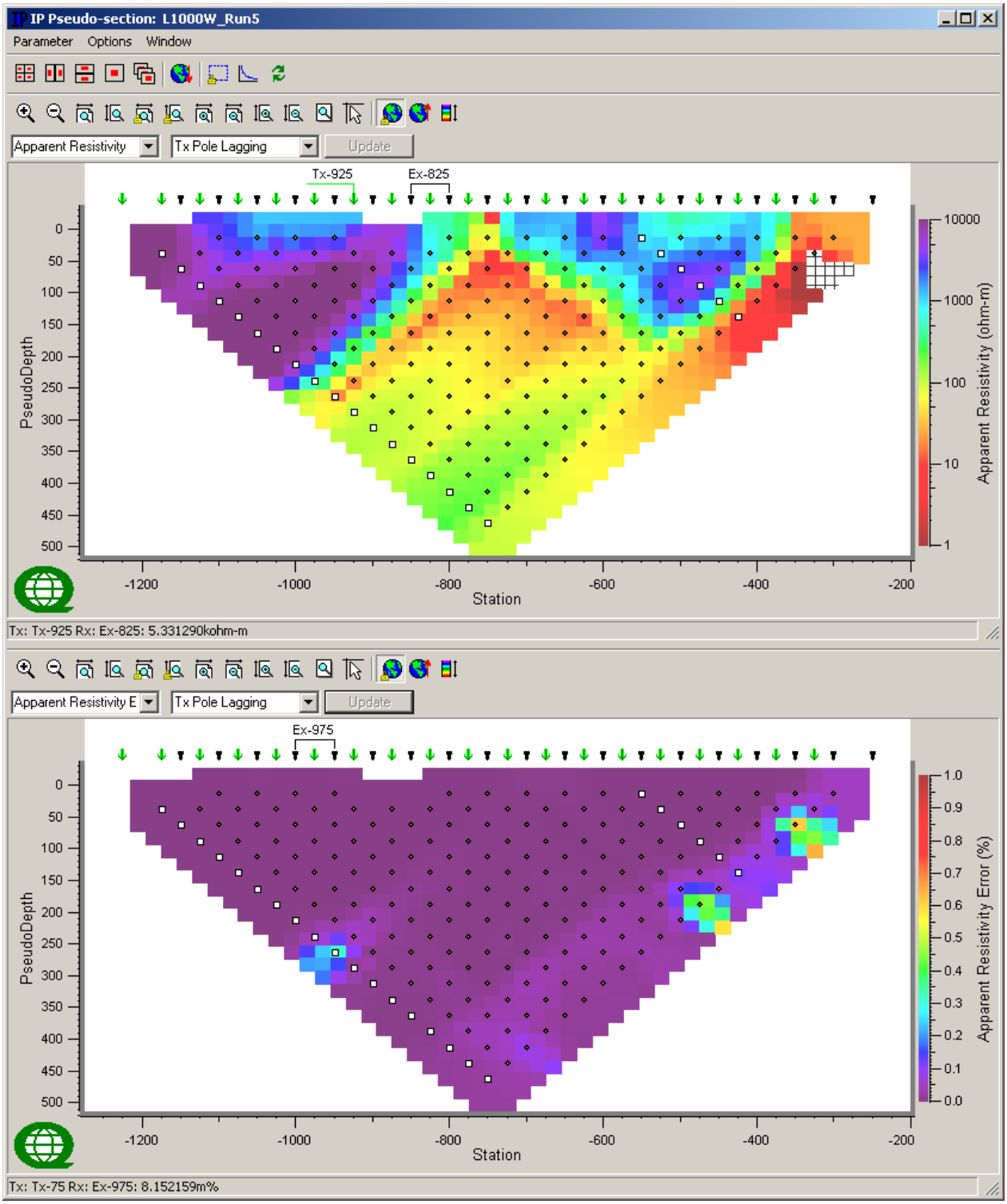
LINE 1000W

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



LINE 1000W

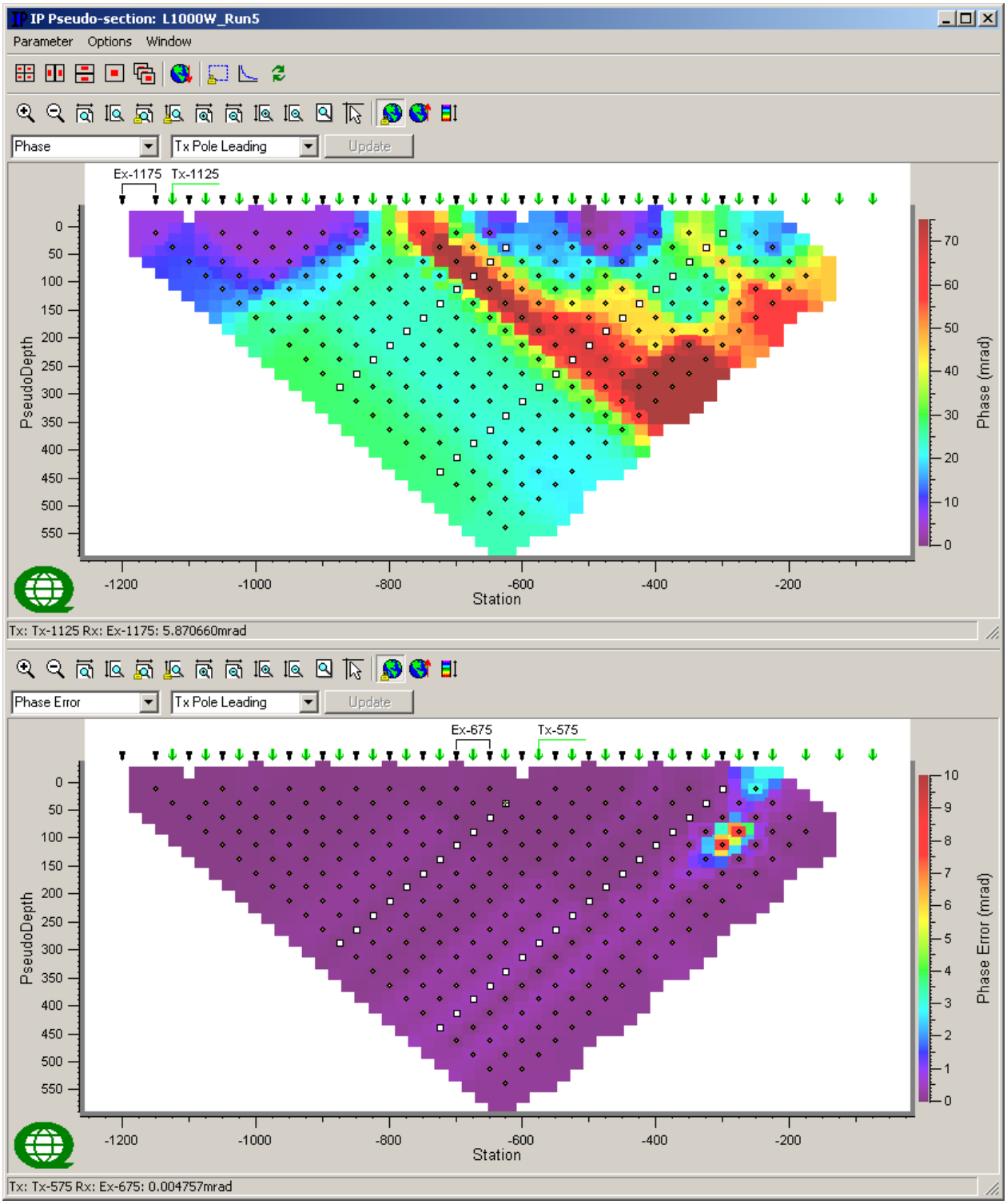
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1000W

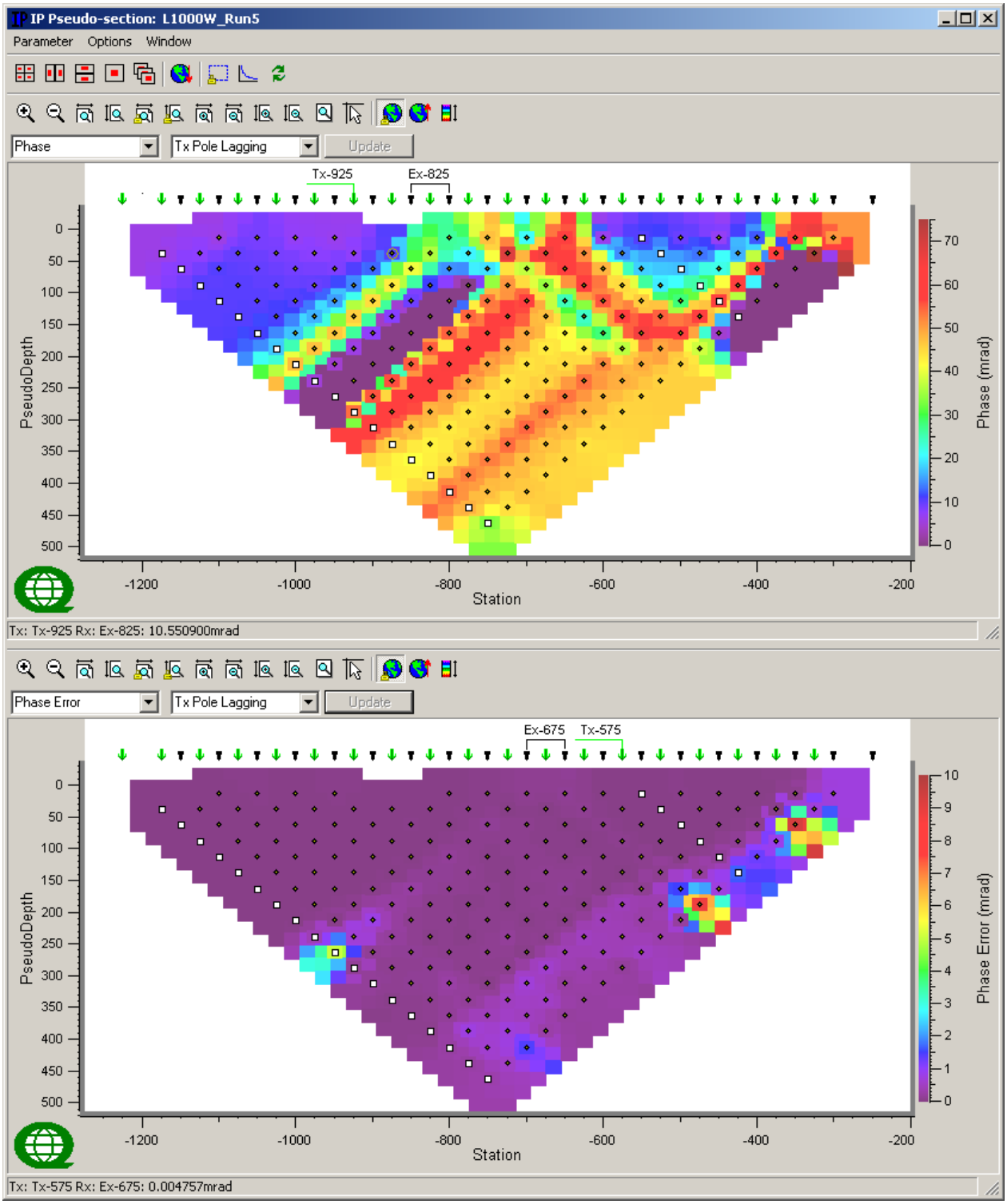
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1000W

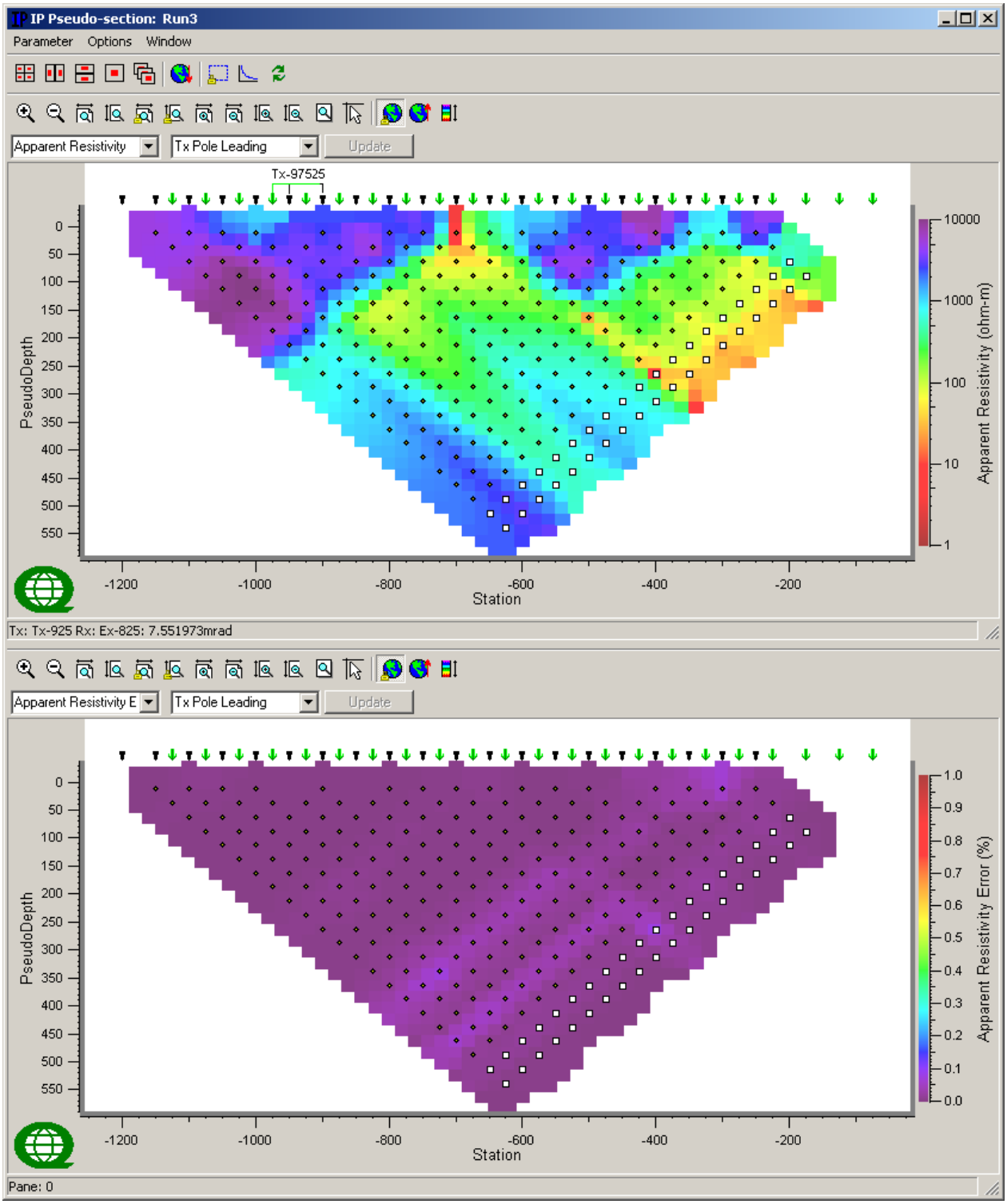
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 800W

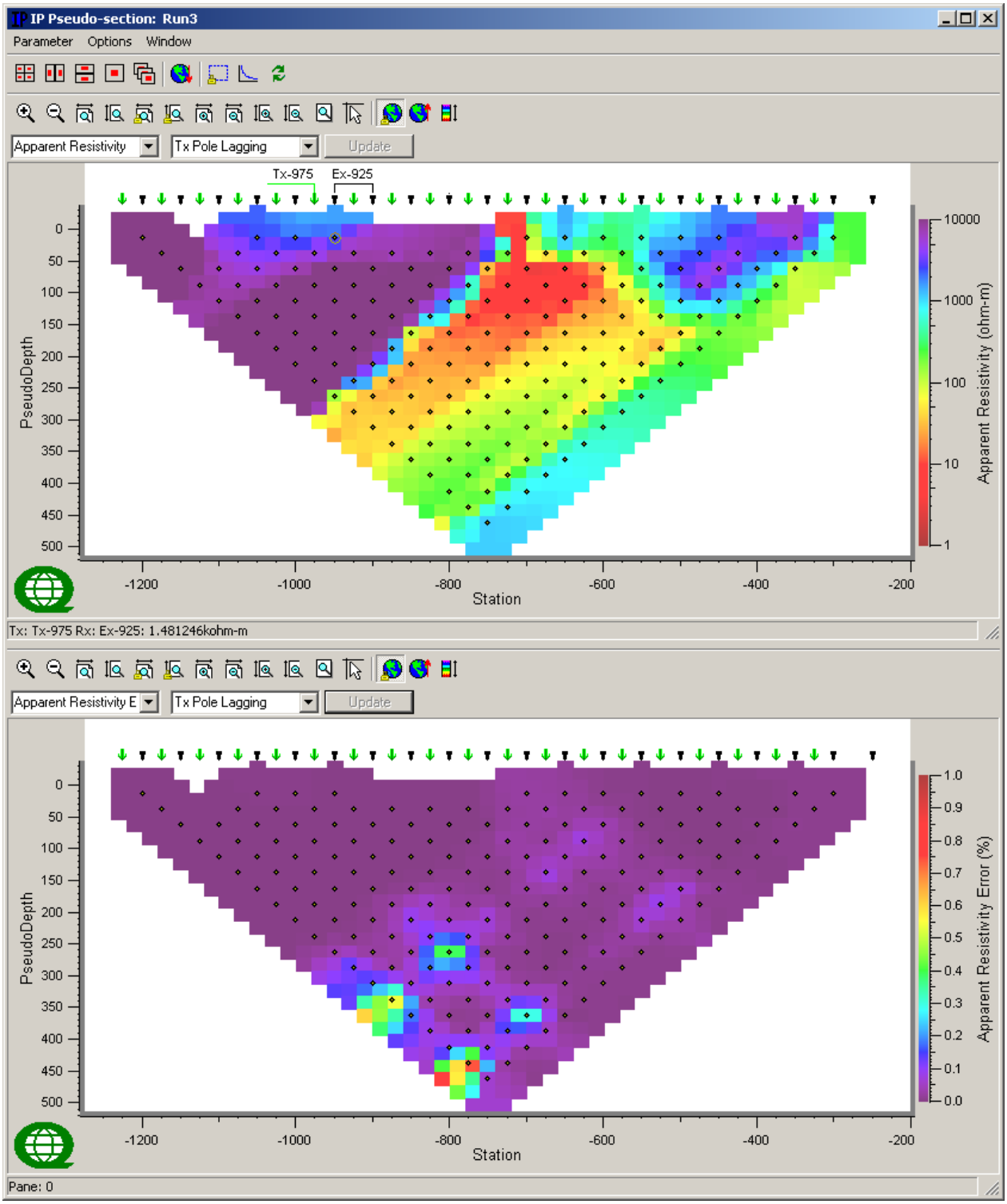
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

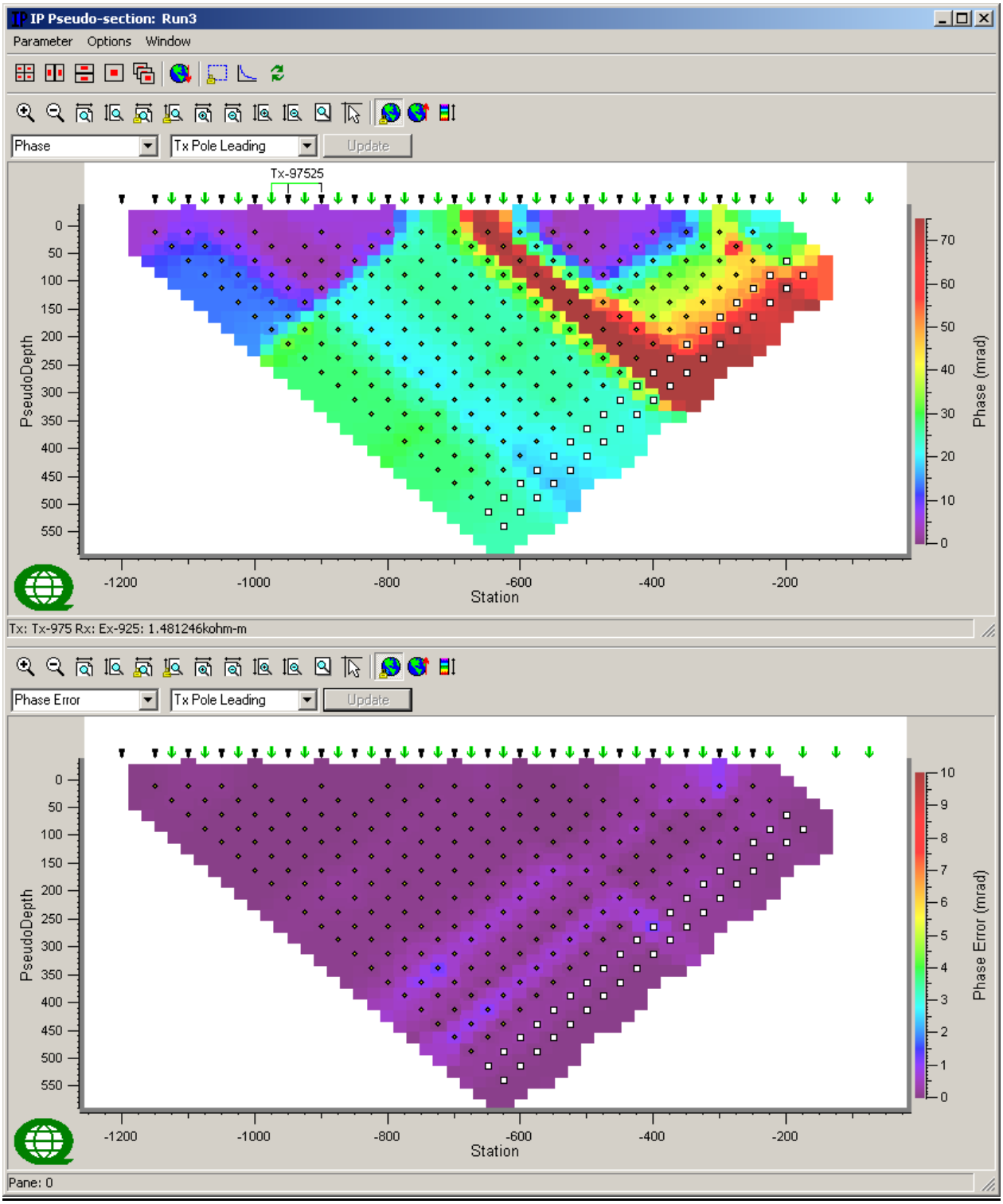
LINE 800W

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 800W

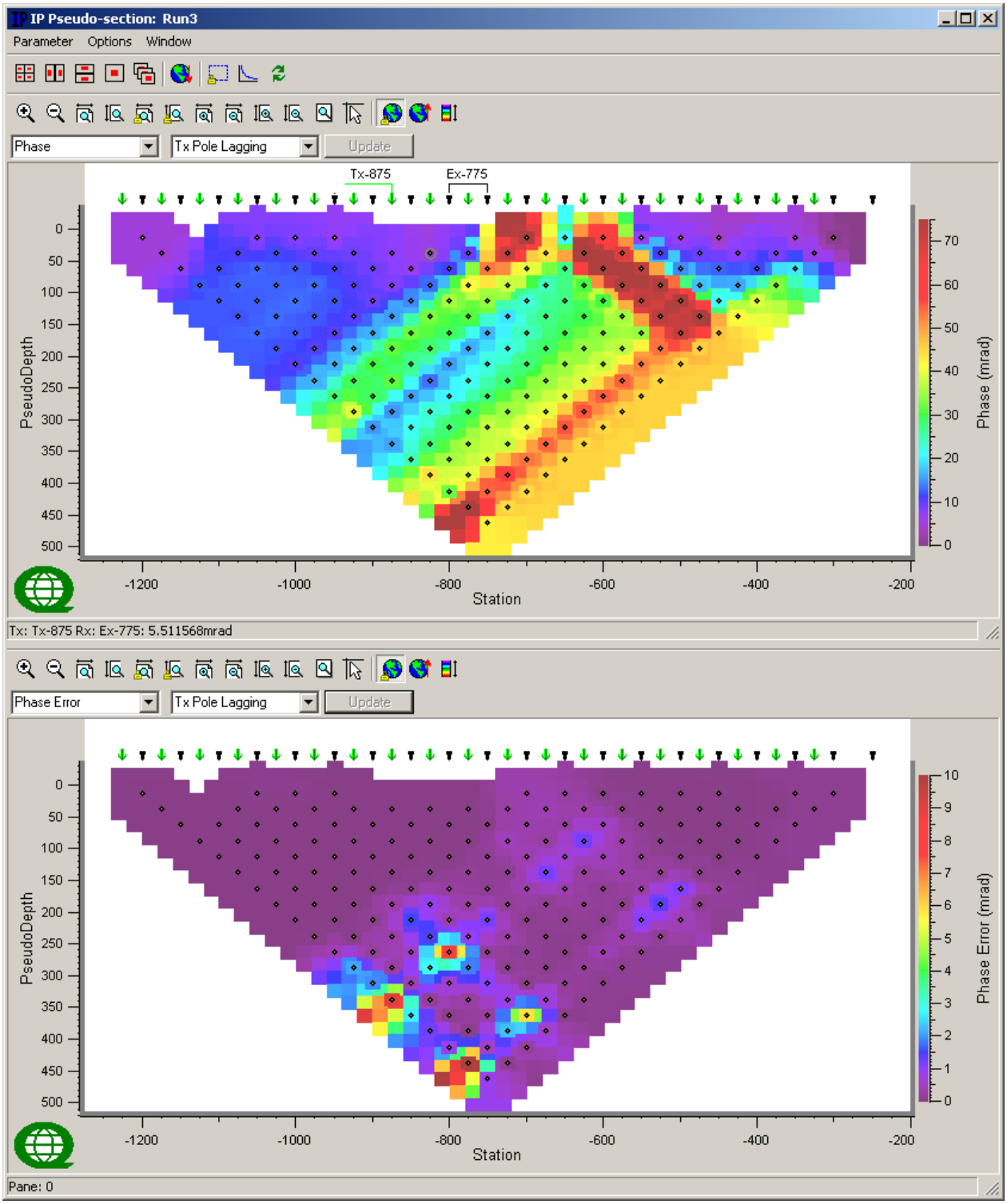
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 800W

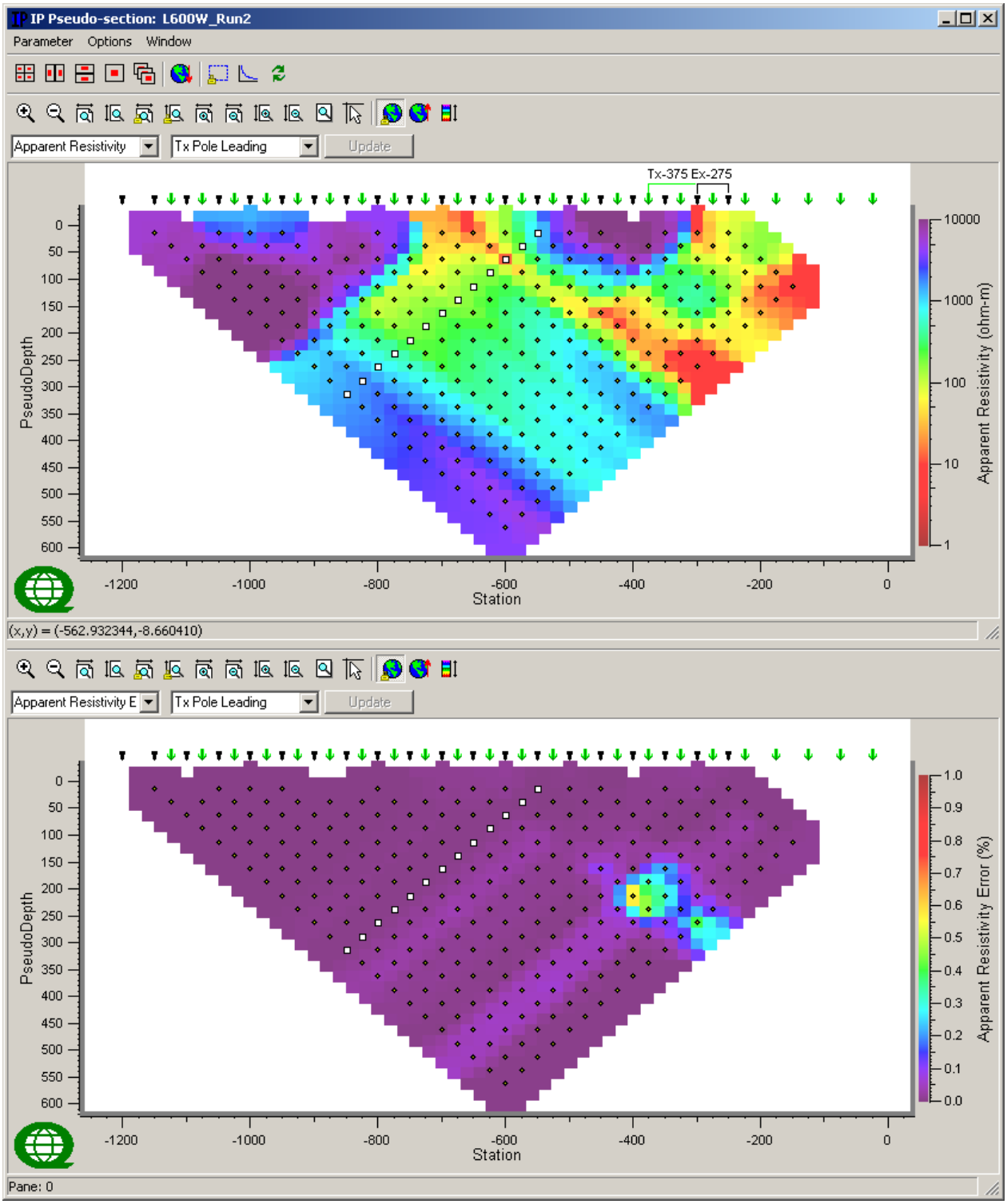
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 600W

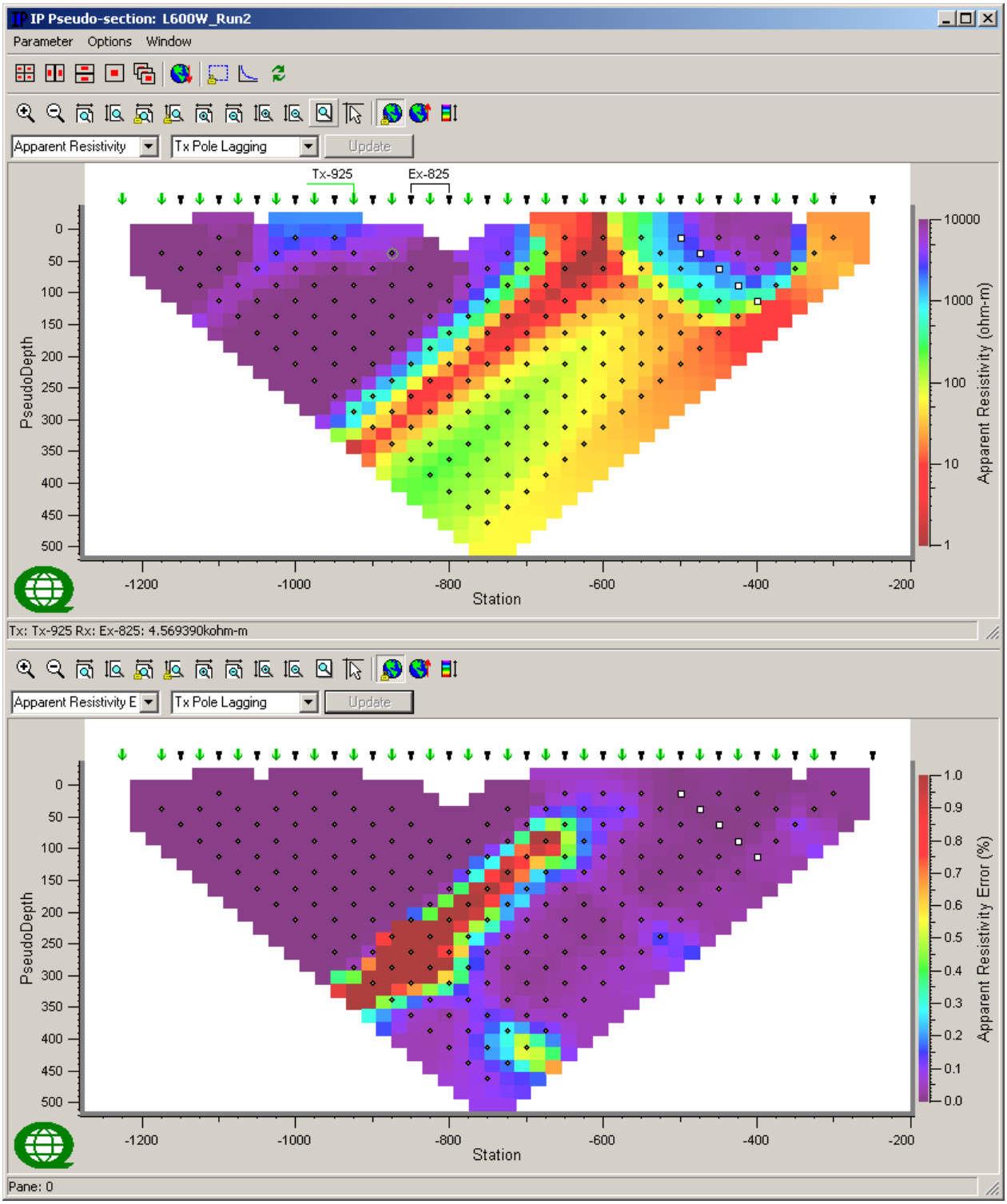
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 600W

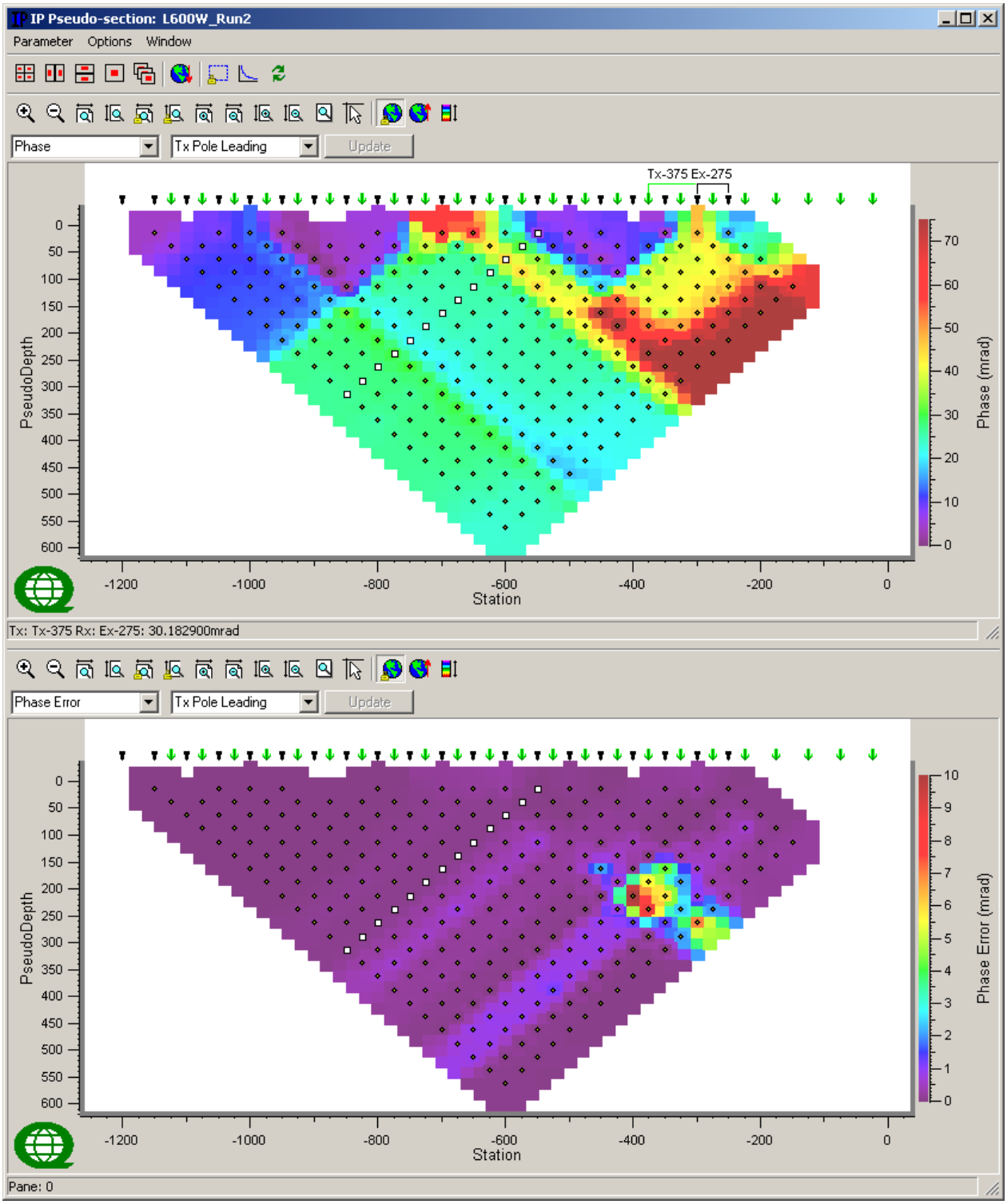
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 600W

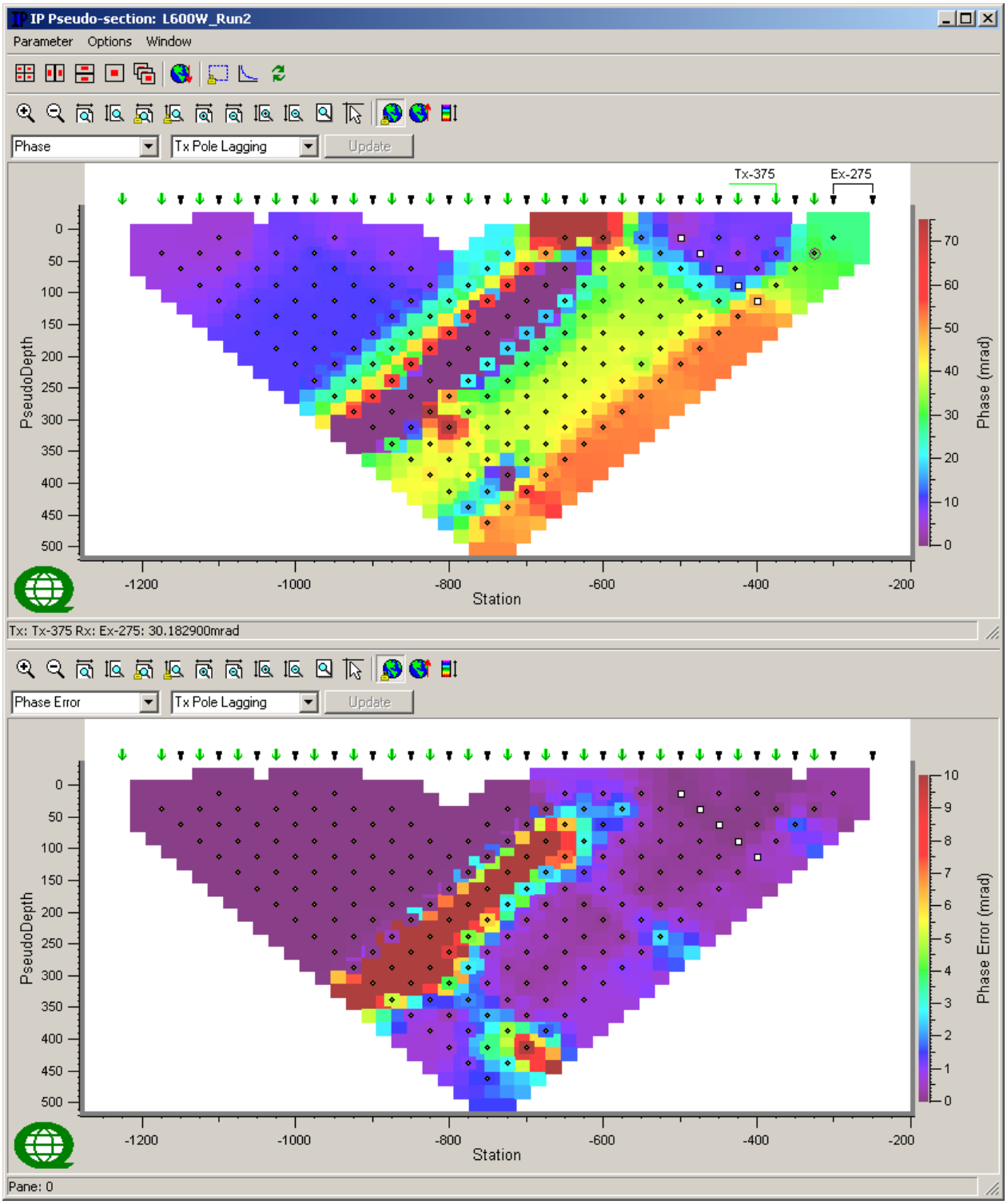
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 600W

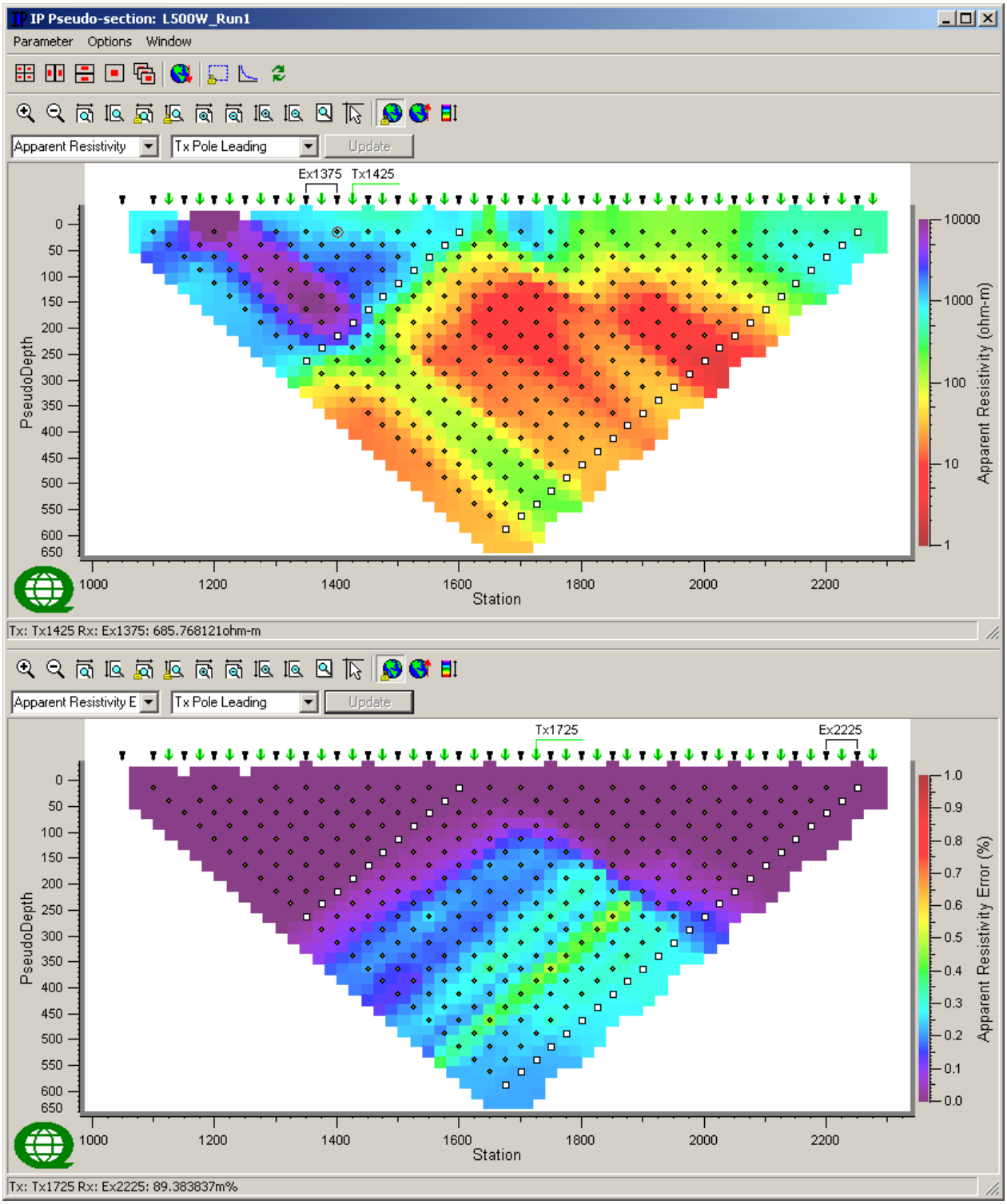
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 500W

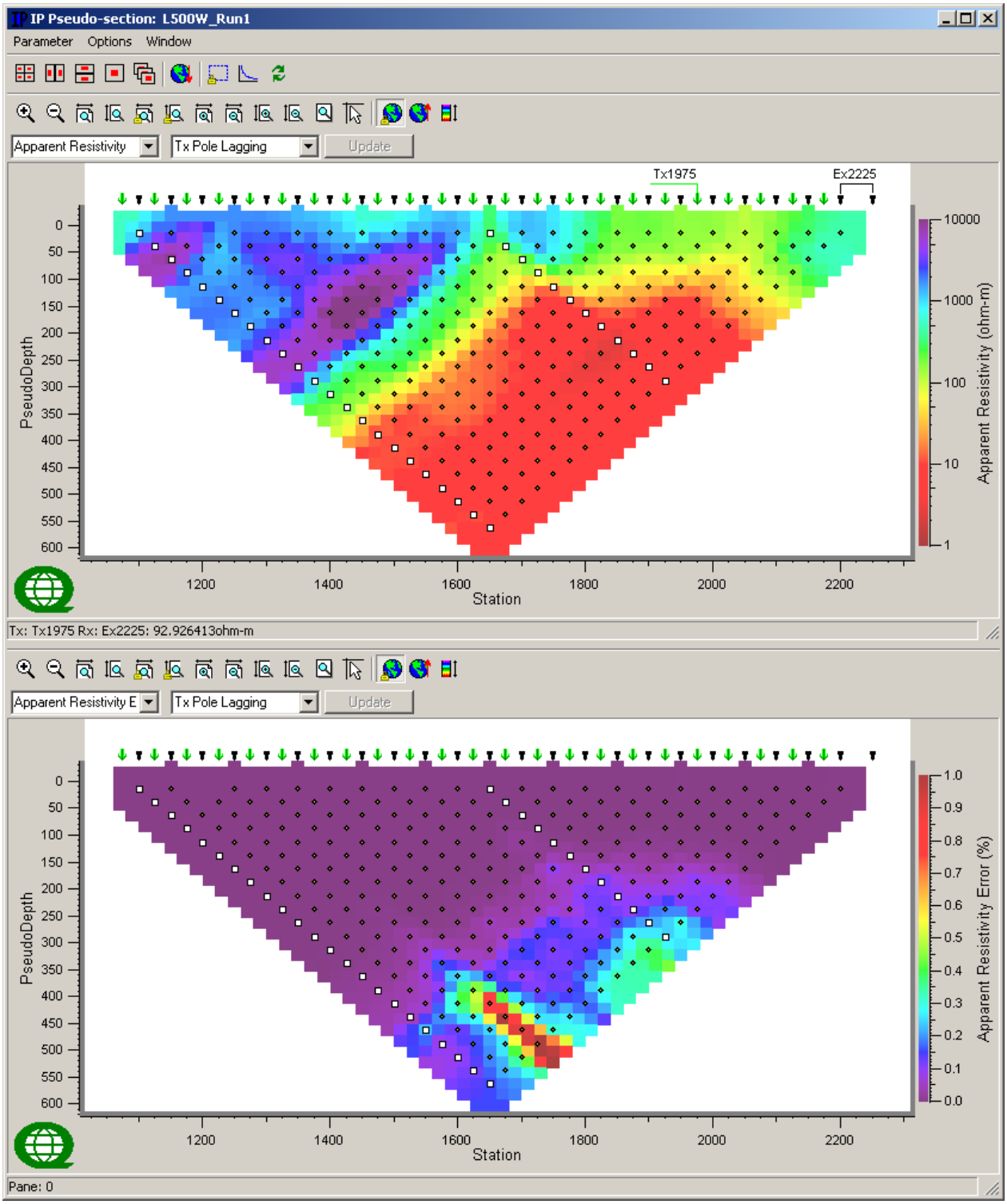
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 500W

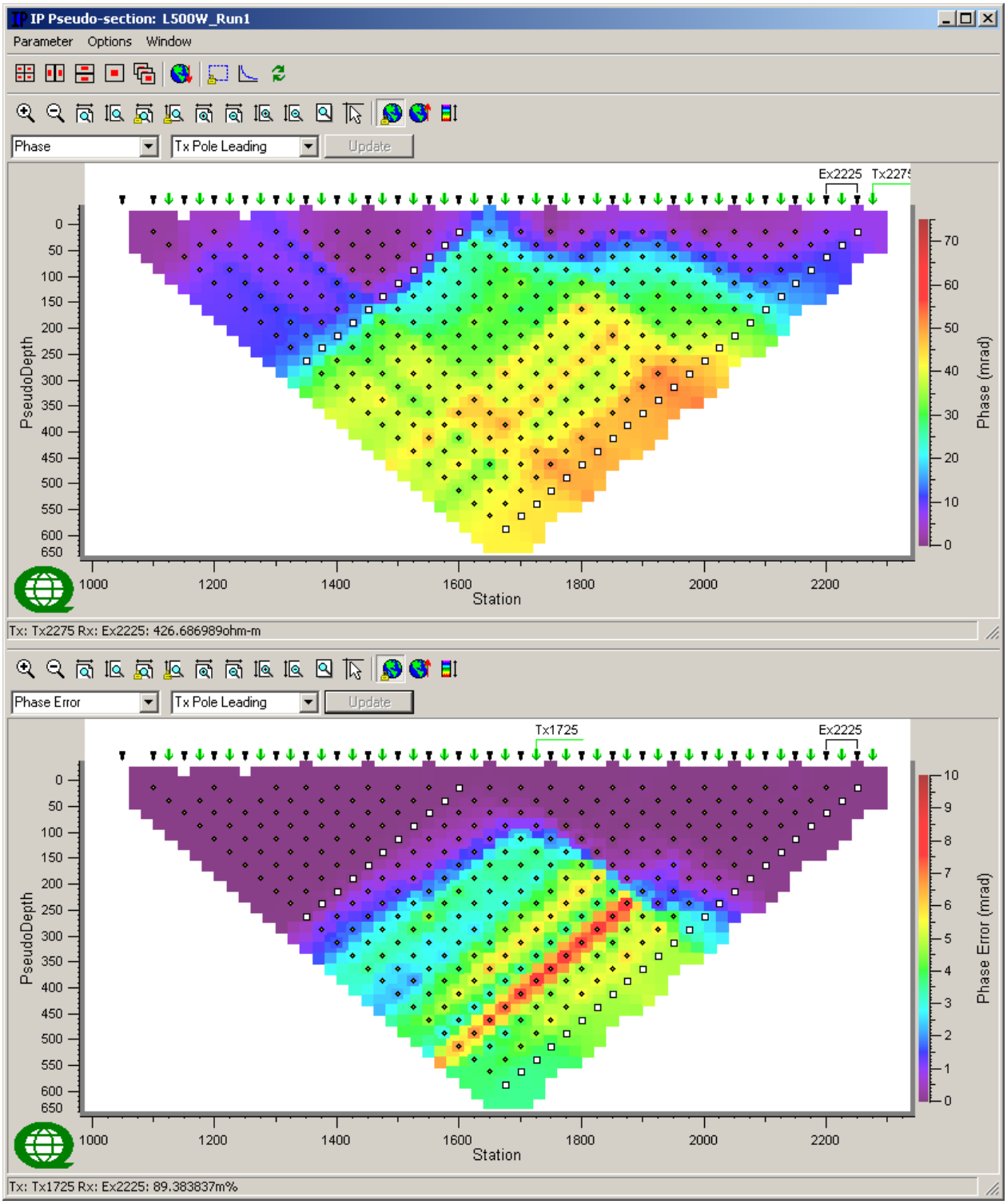
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 500W

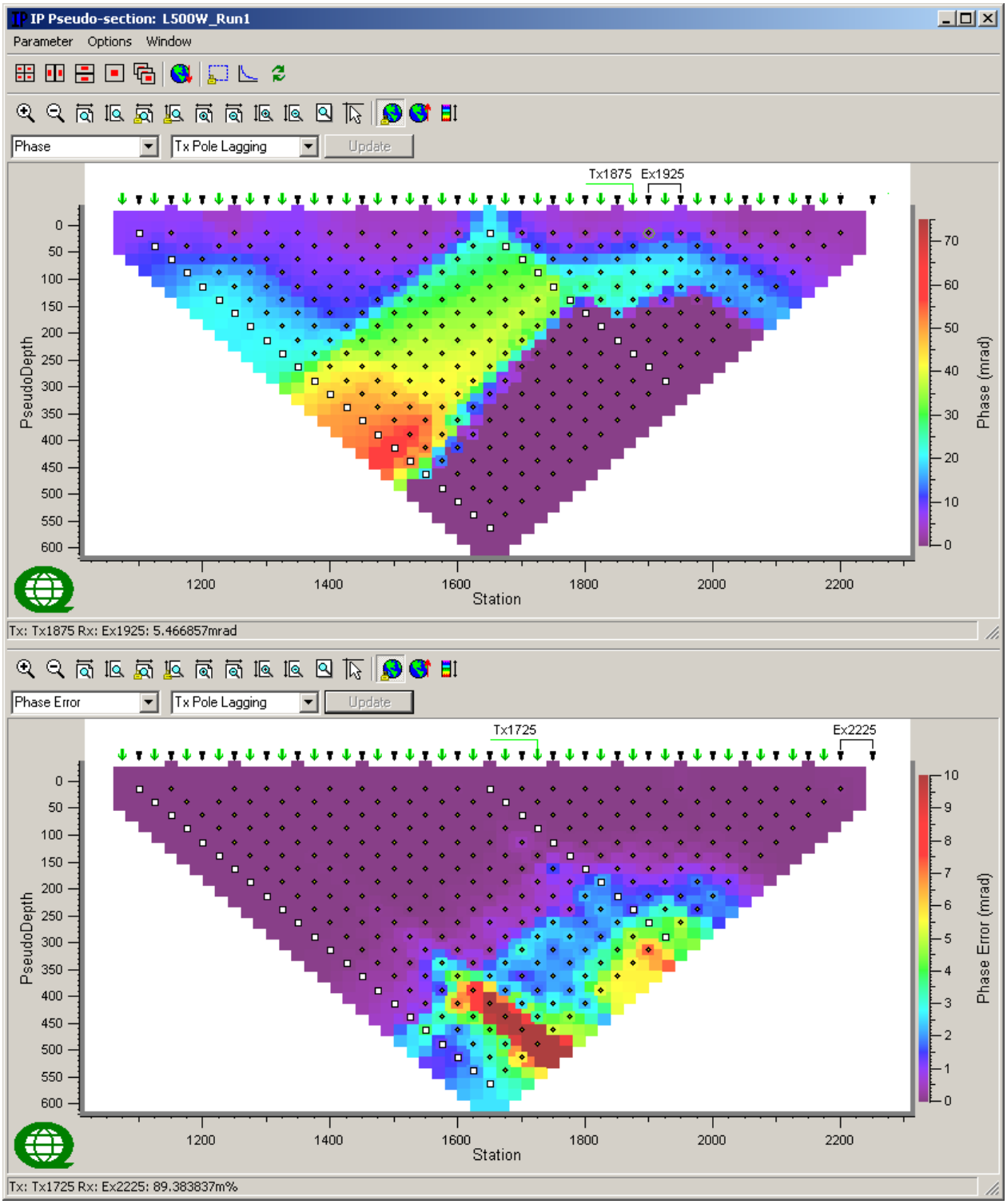
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 500W

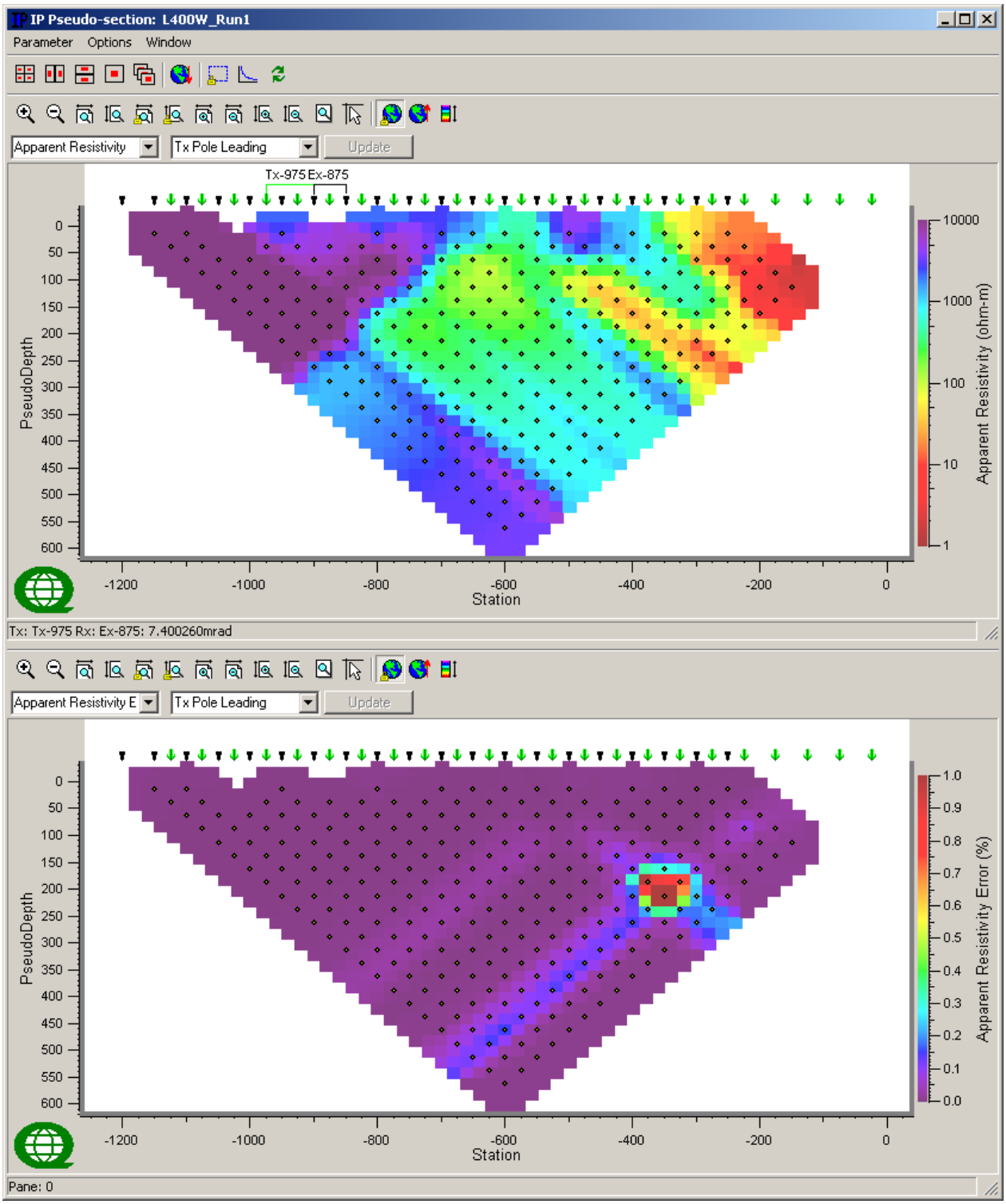
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

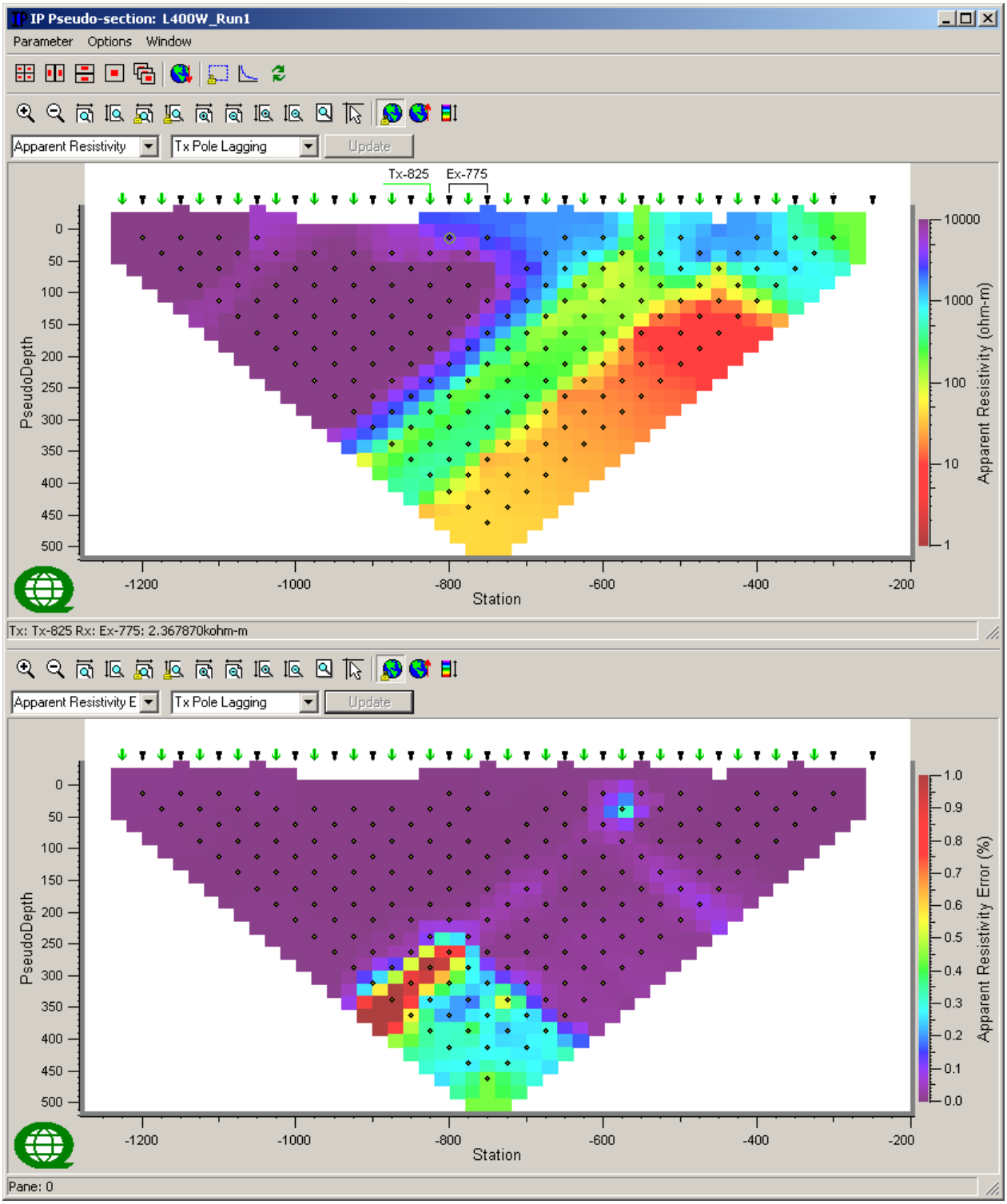
LINE 400W

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



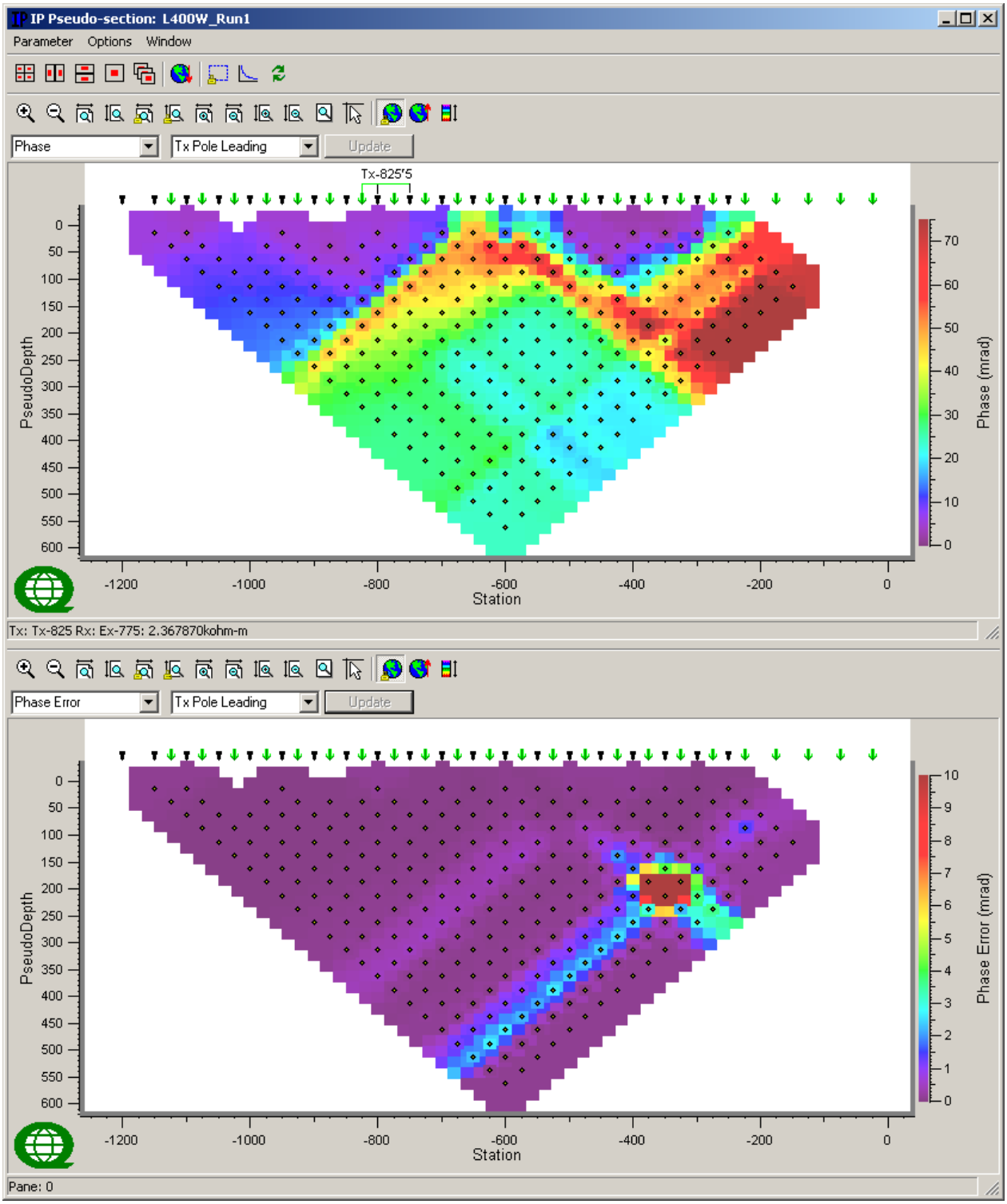
LINE 400W

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 400W

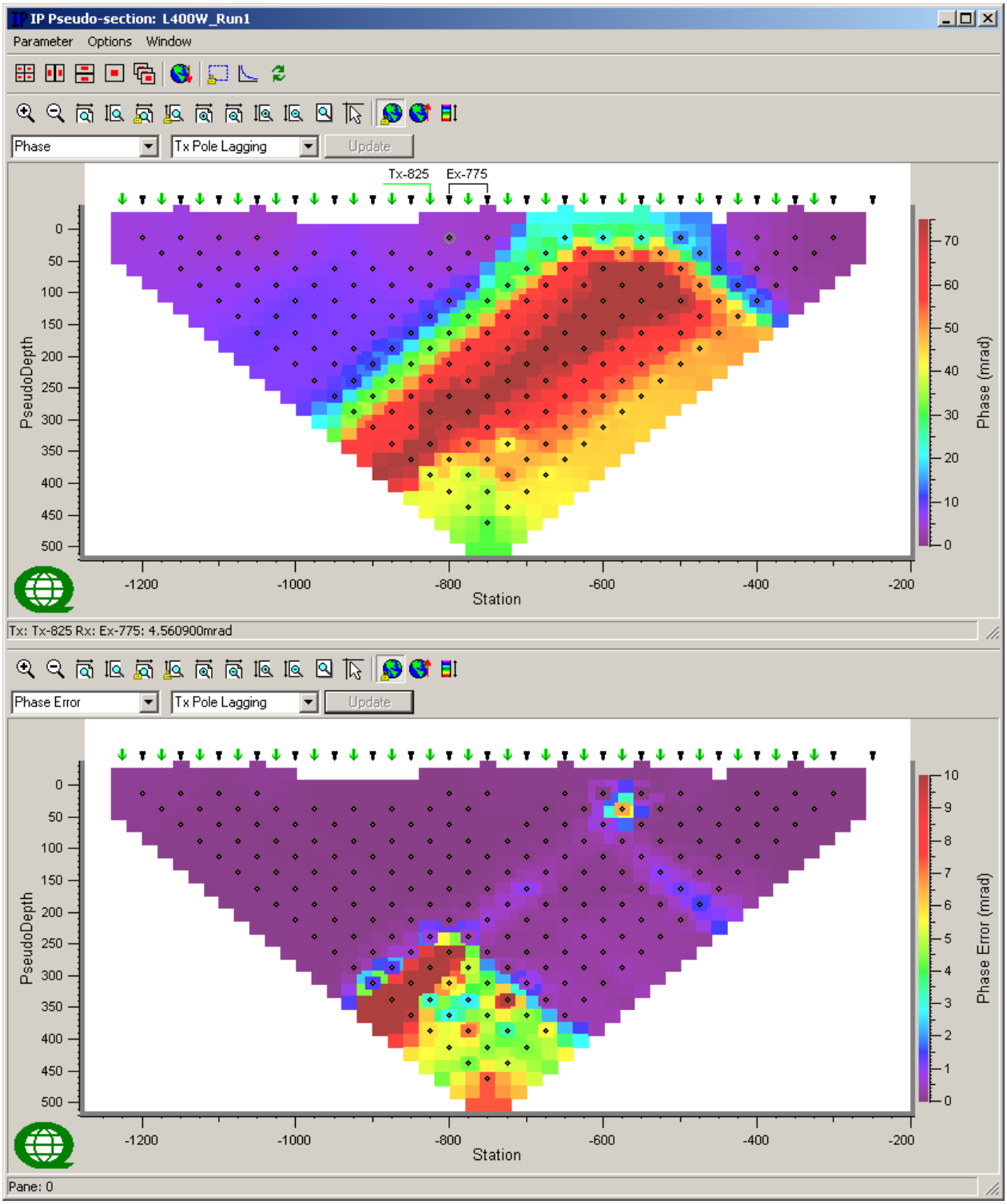
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 400W

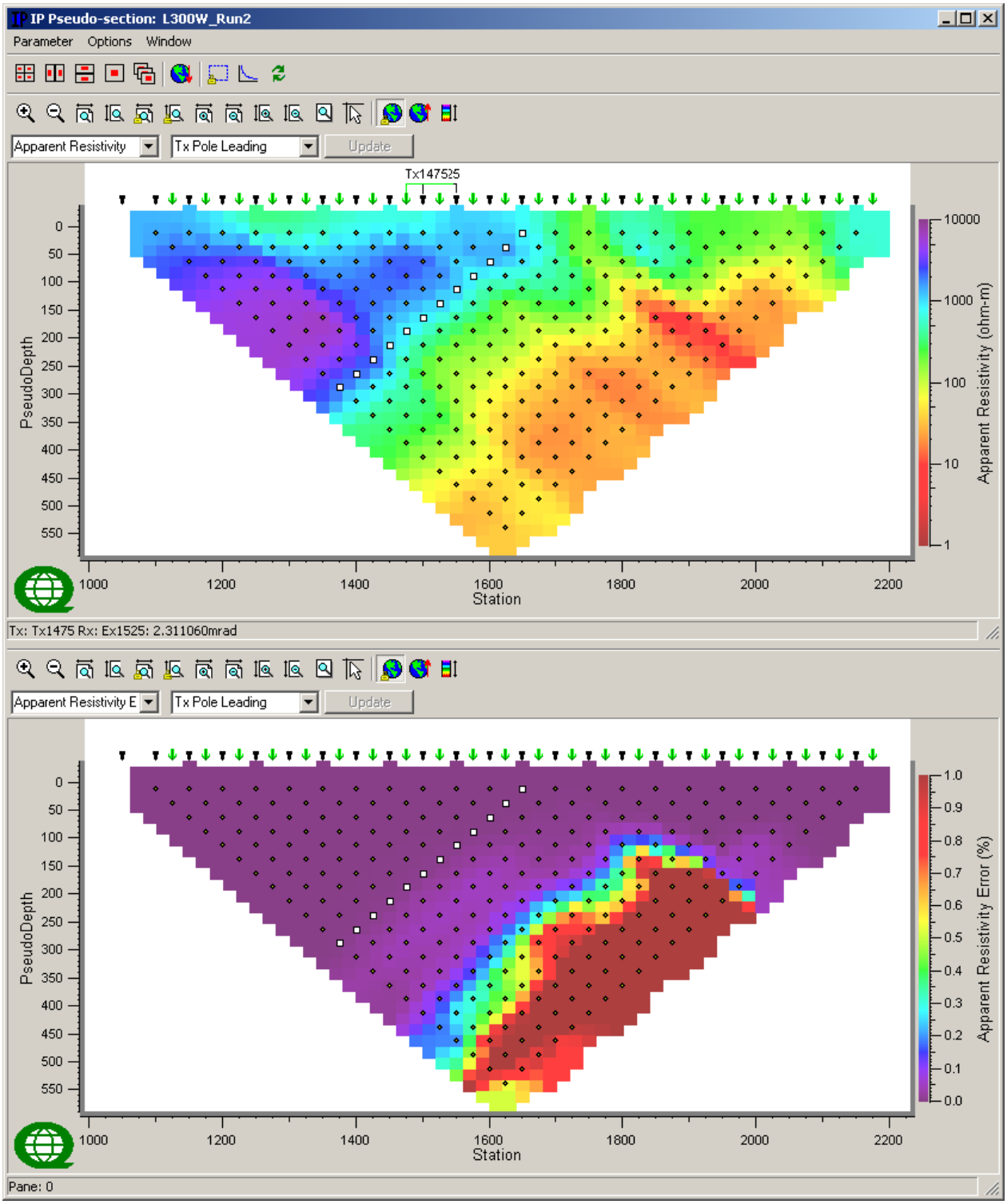
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

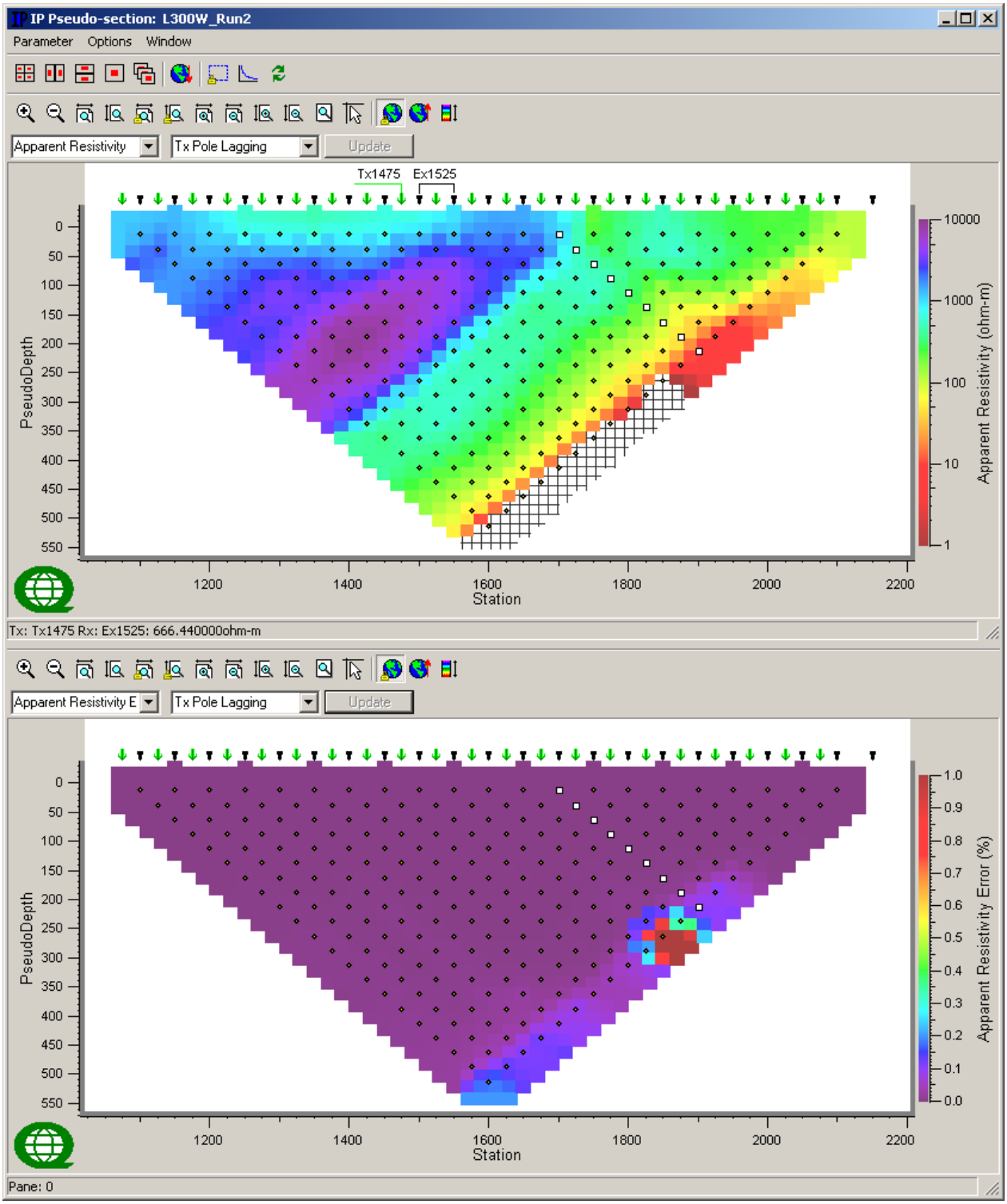
LINE 300W

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



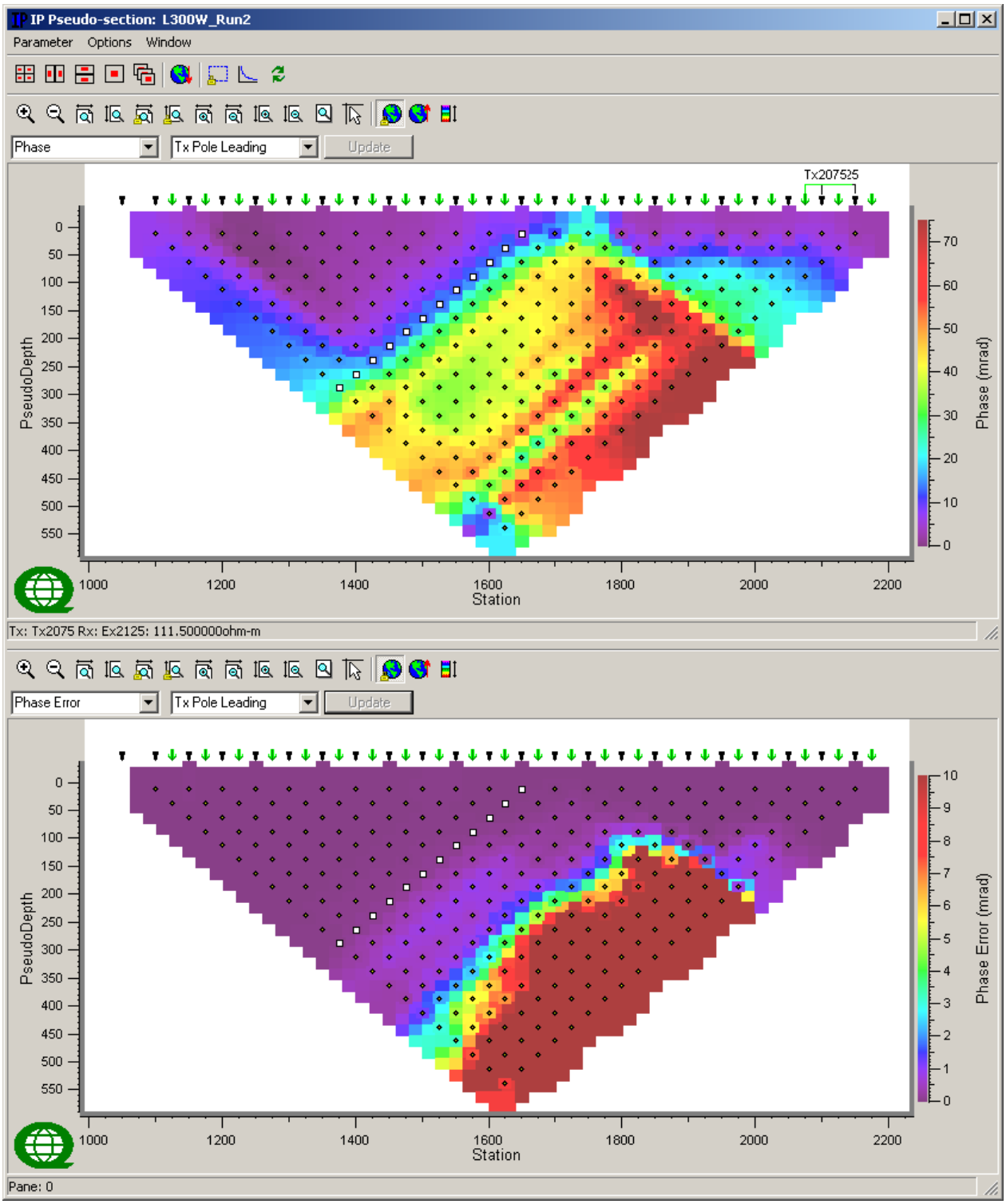
LINE 300W

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 300W

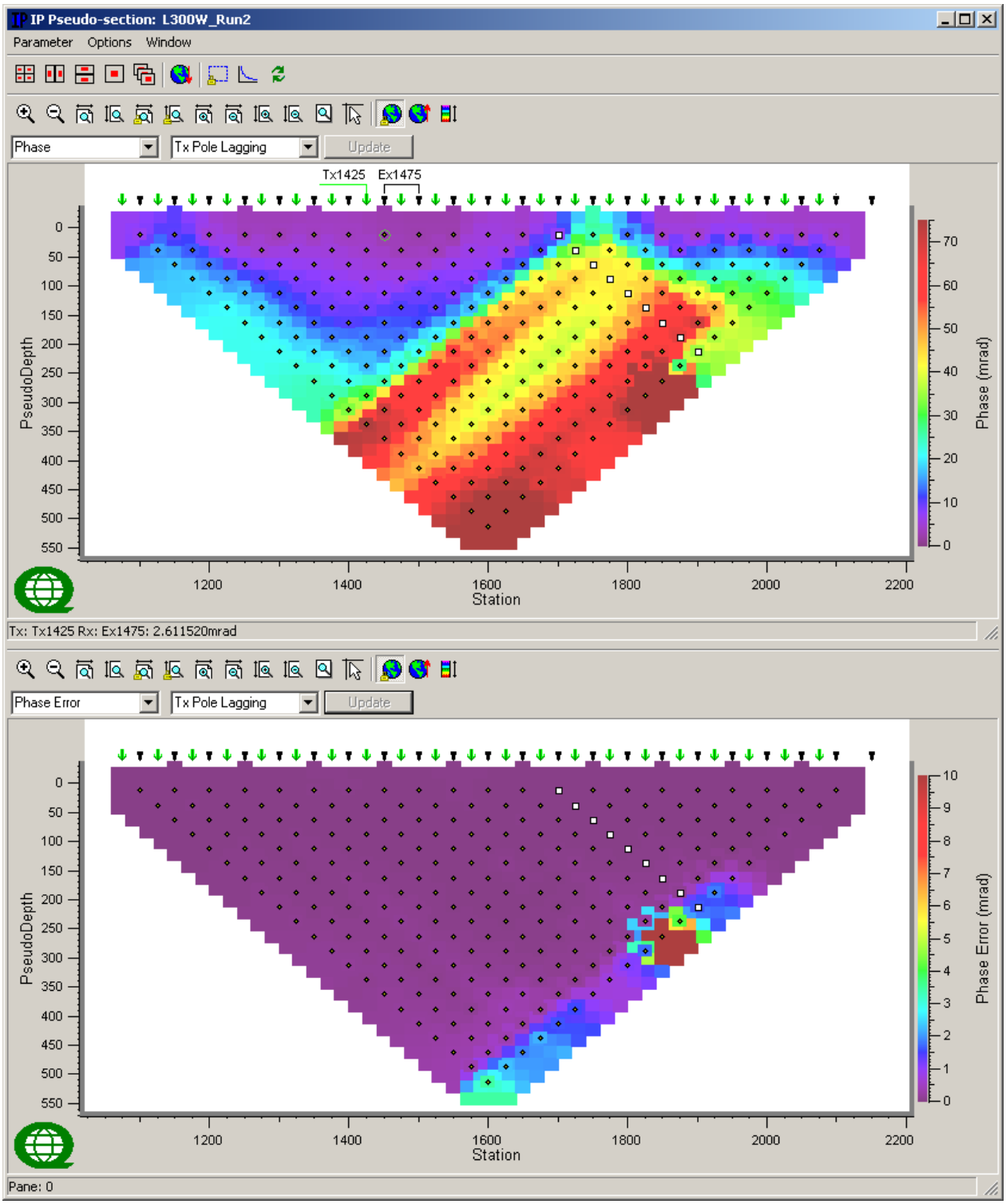
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 300W

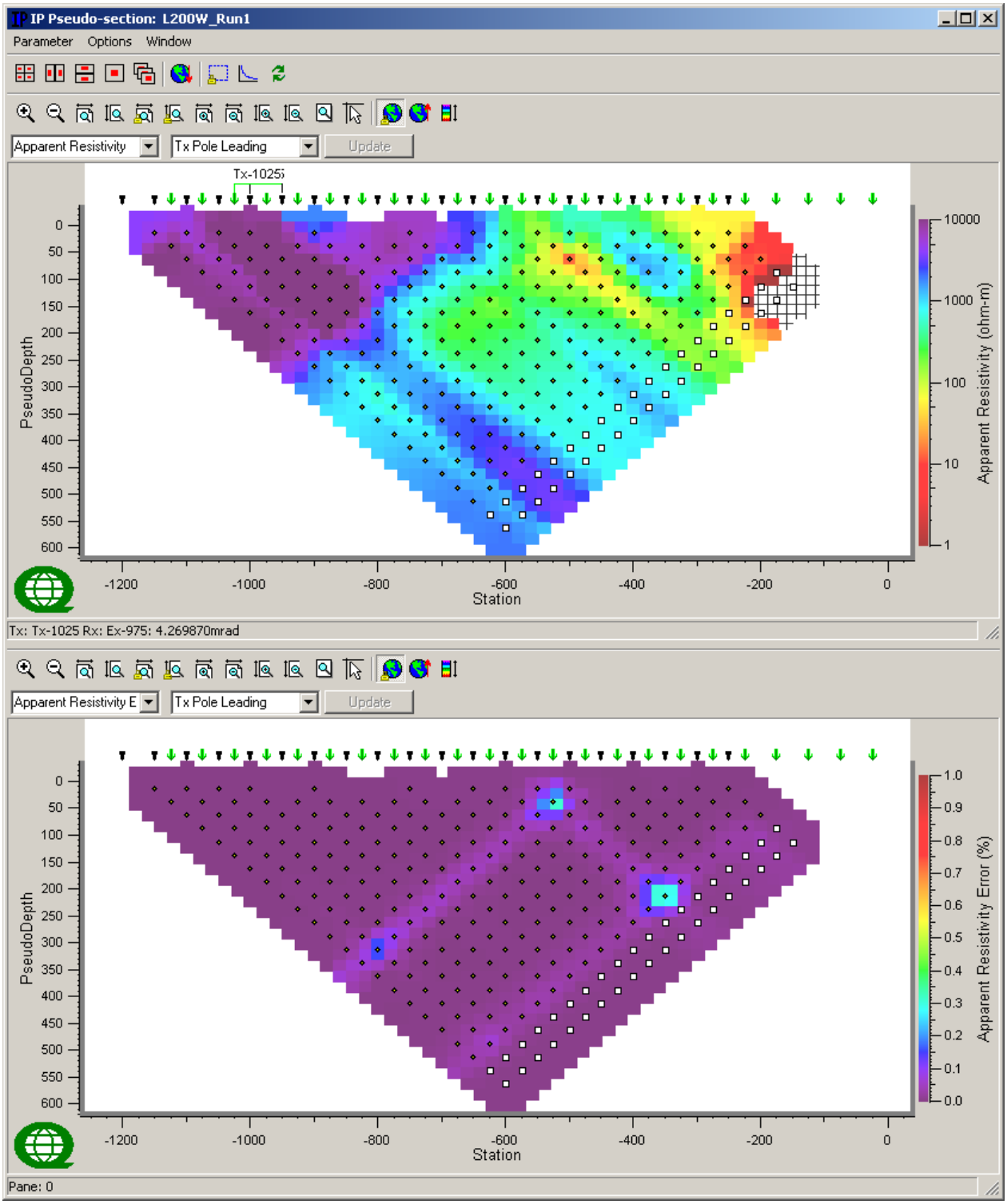
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

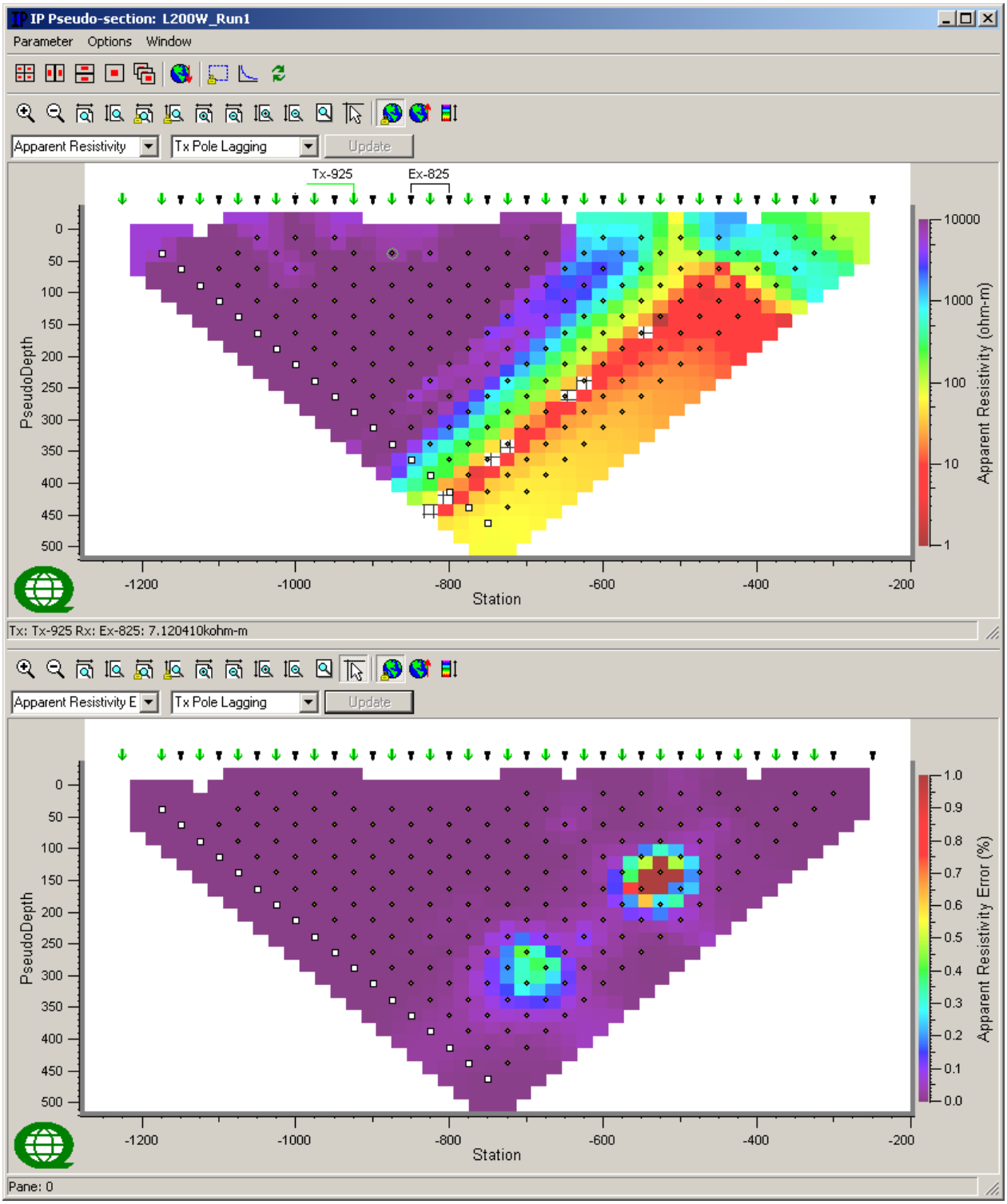
LINE 200W

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



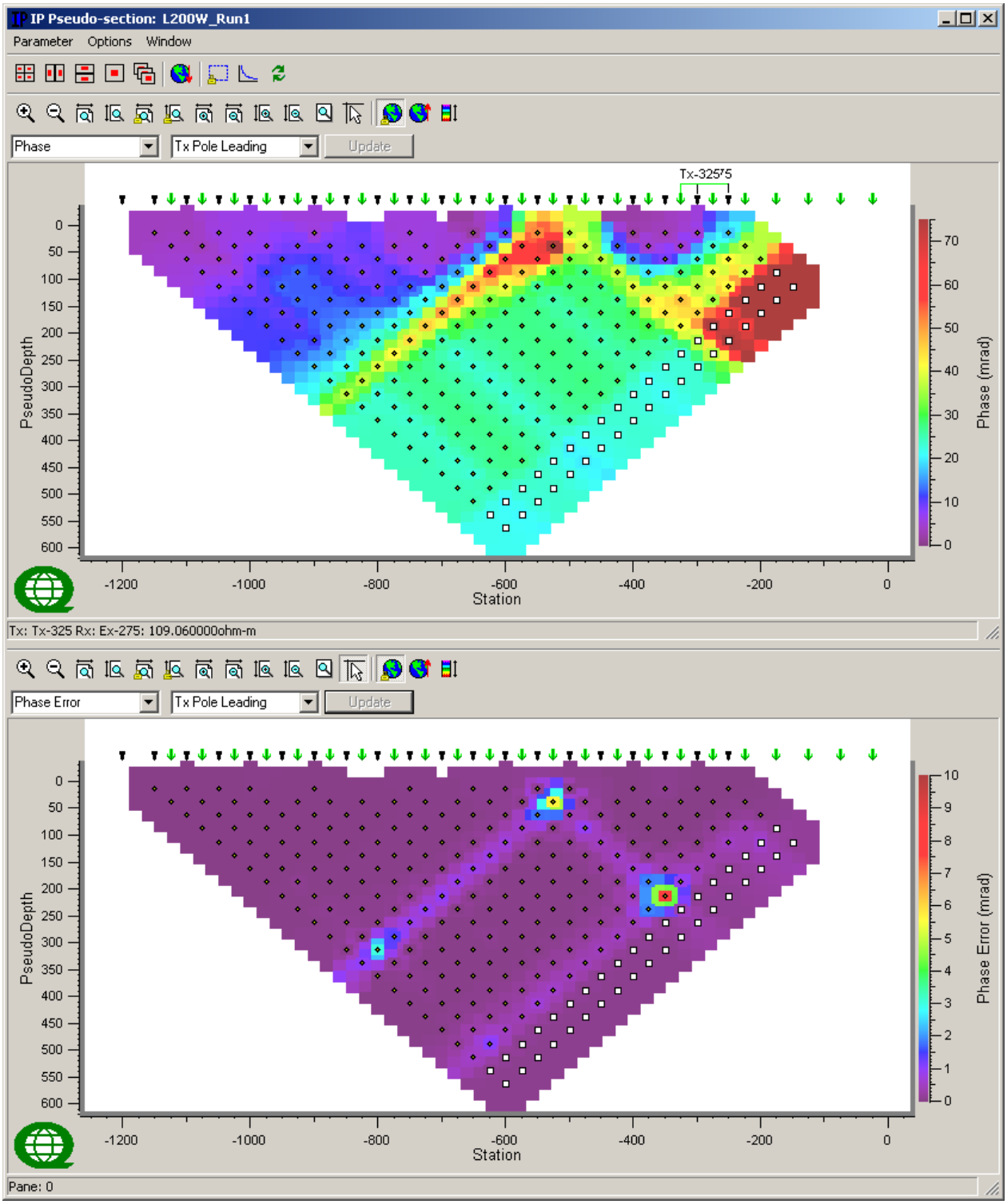
LINE 200W

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 200W

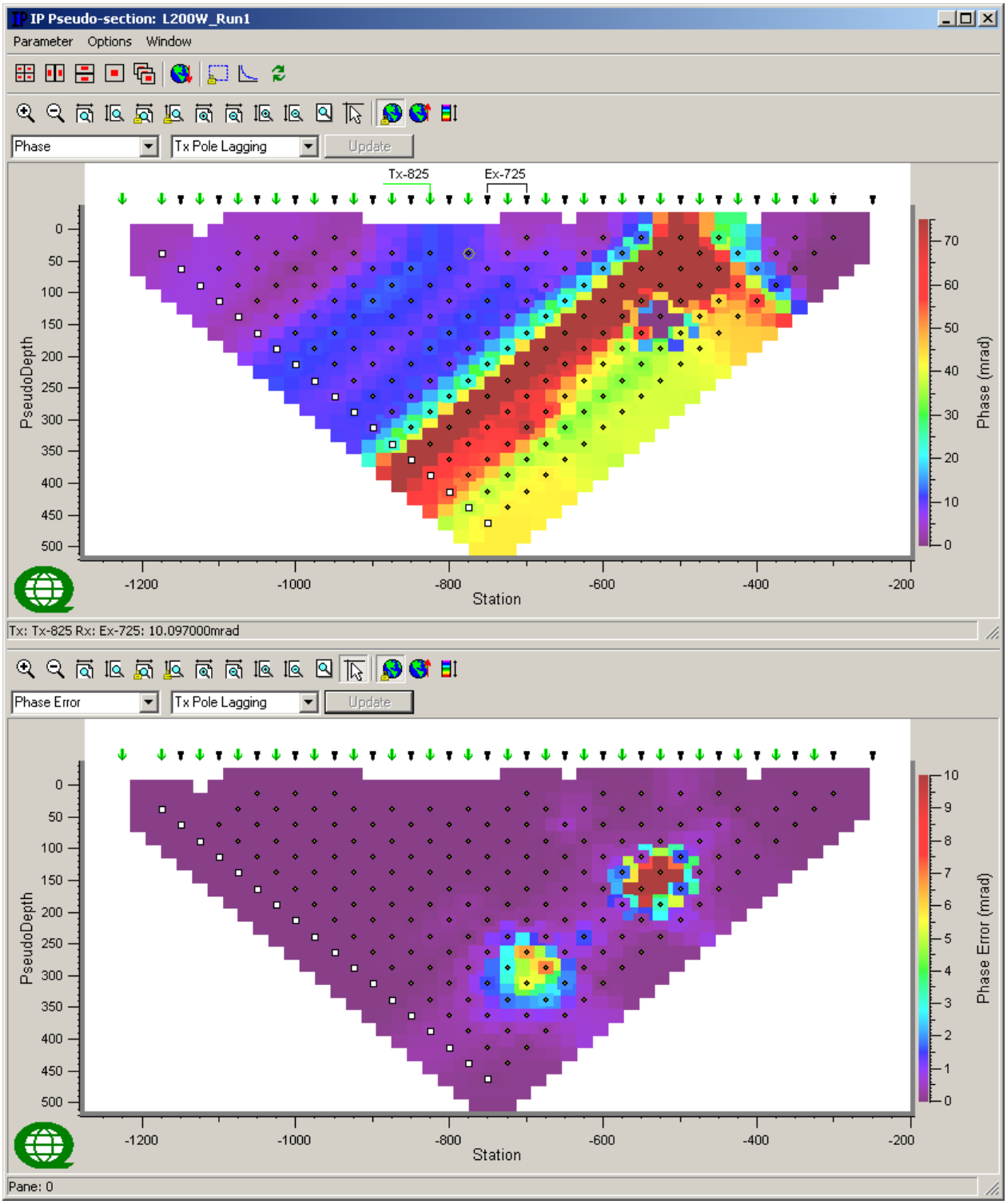
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 200W

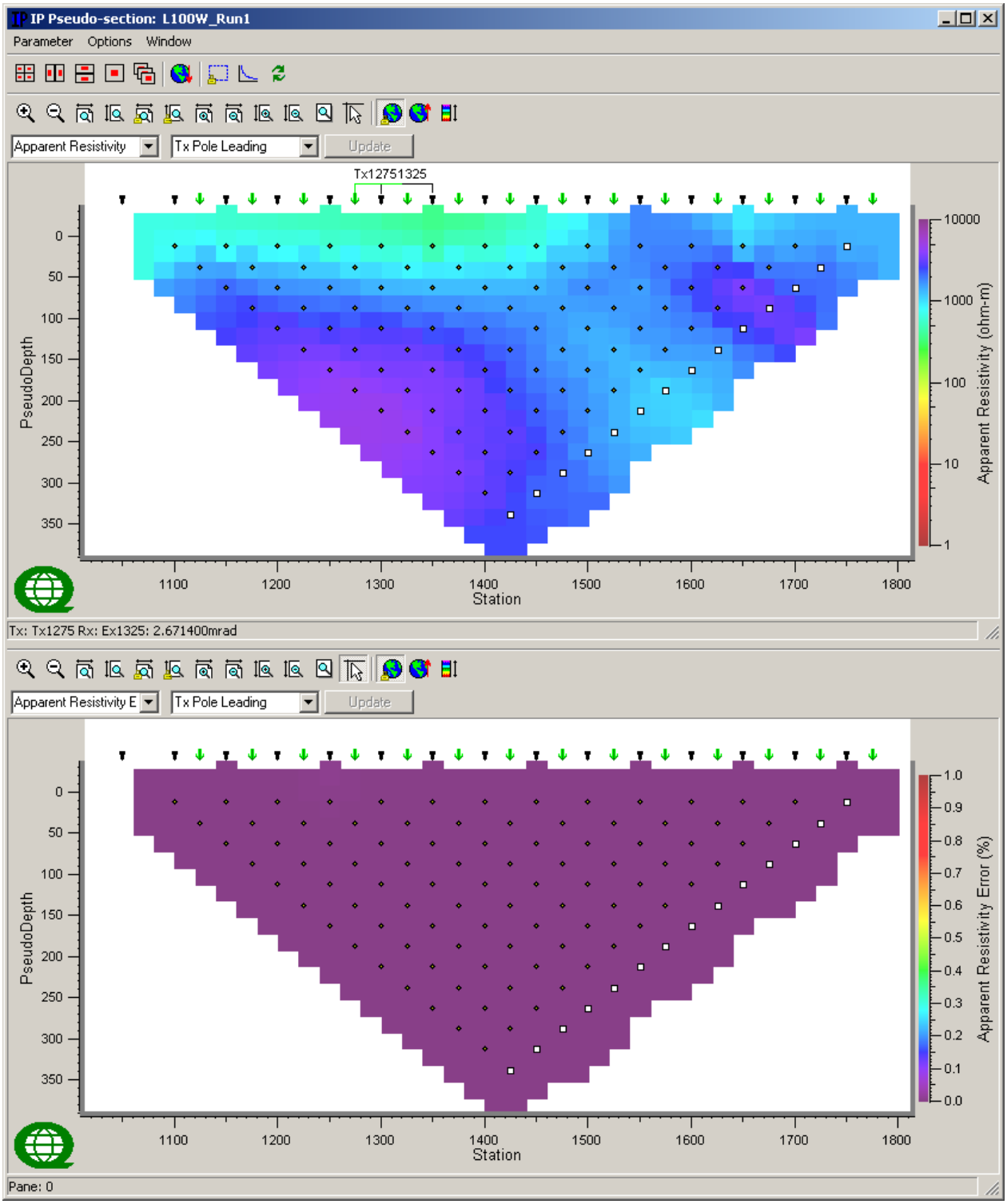
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

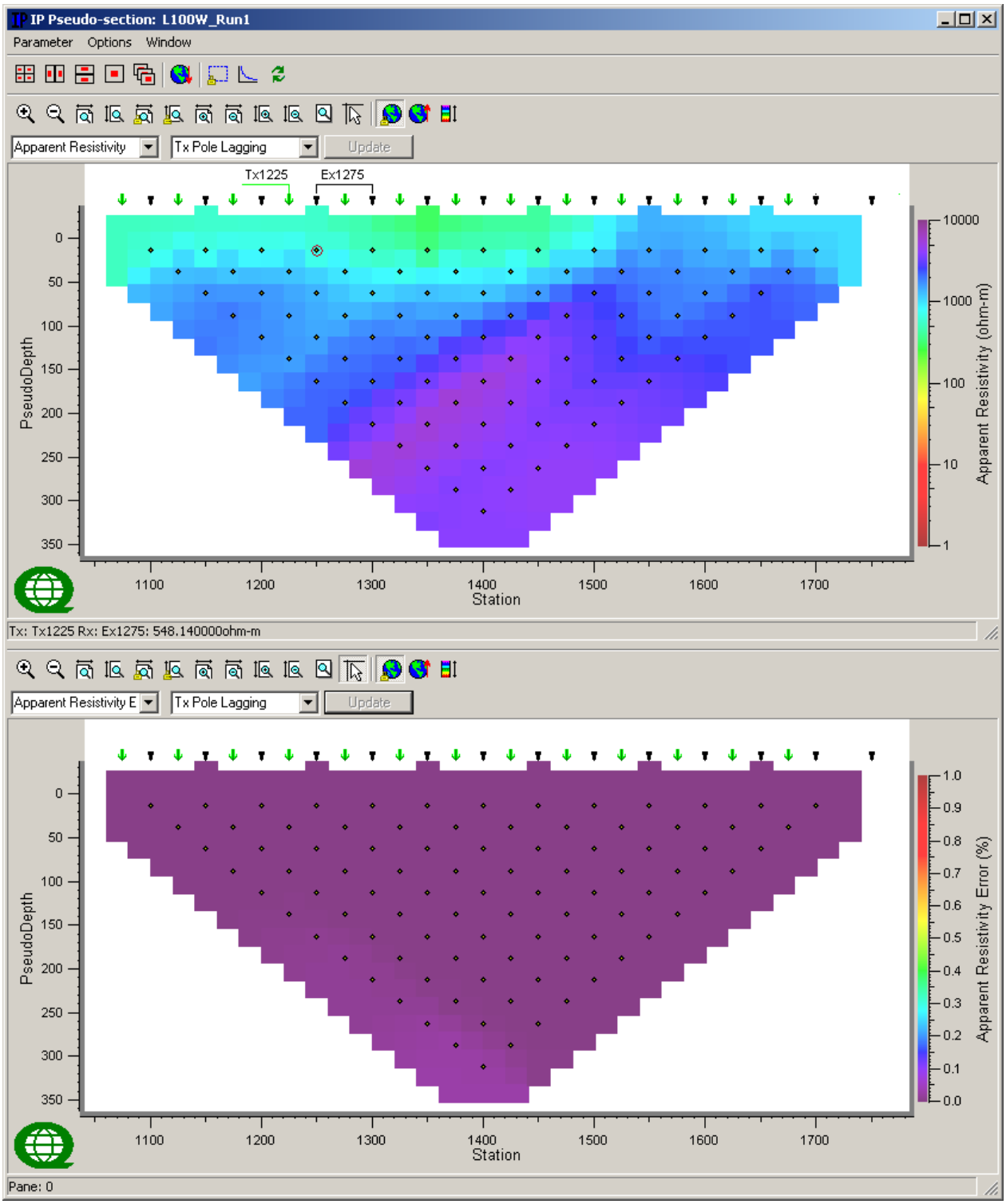
LINE 100W

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



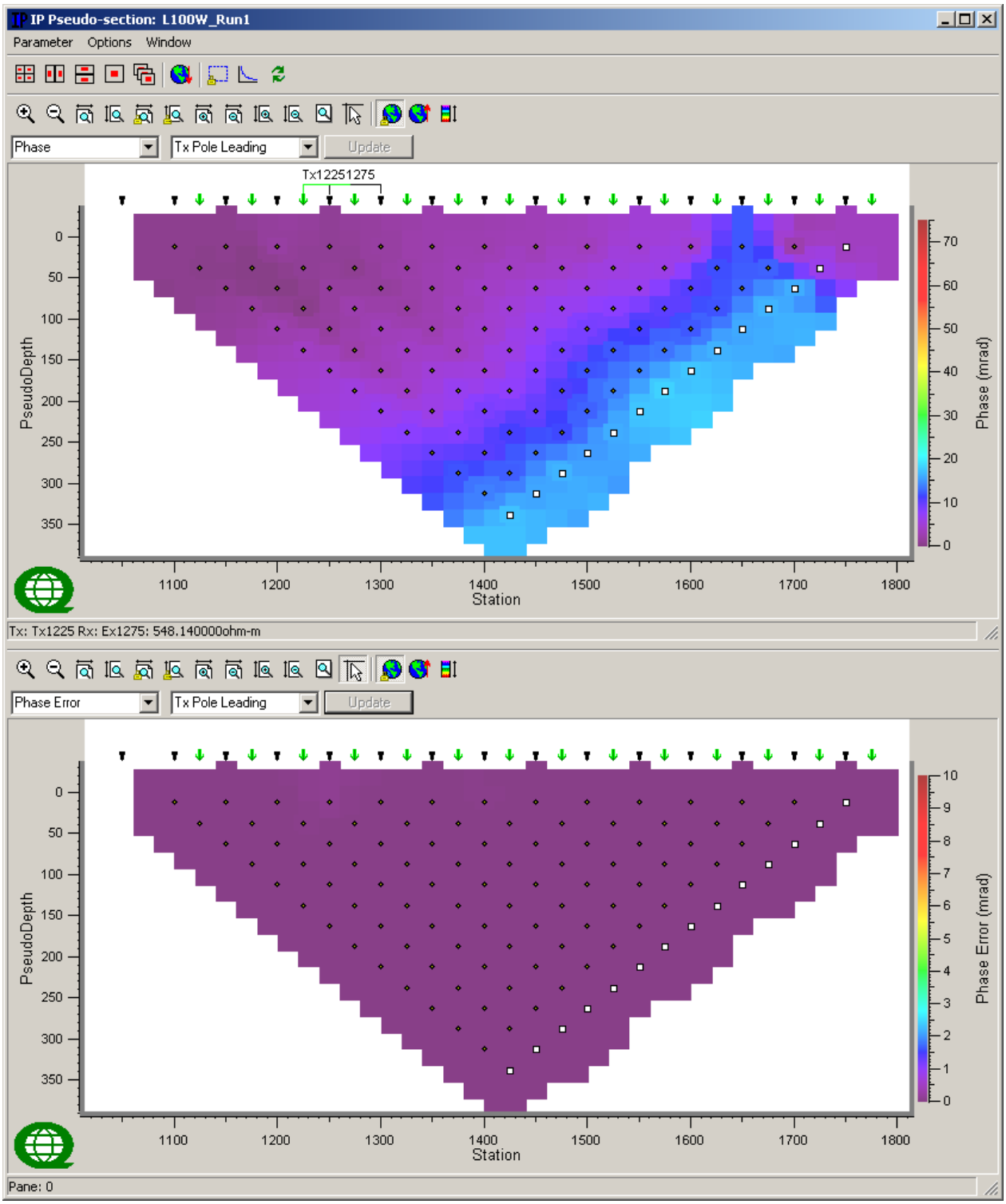
LINE 100W

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 100W

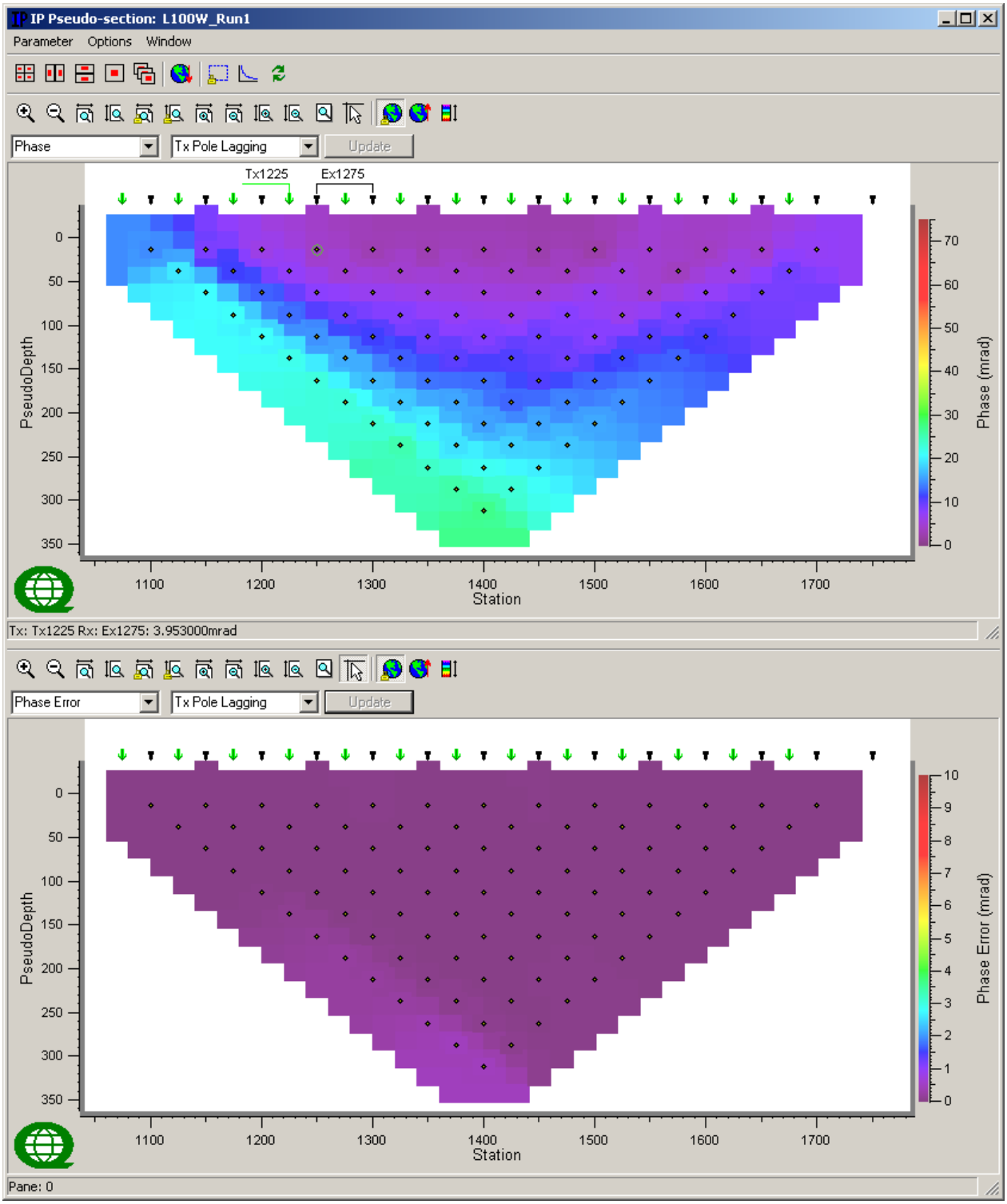
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 100W

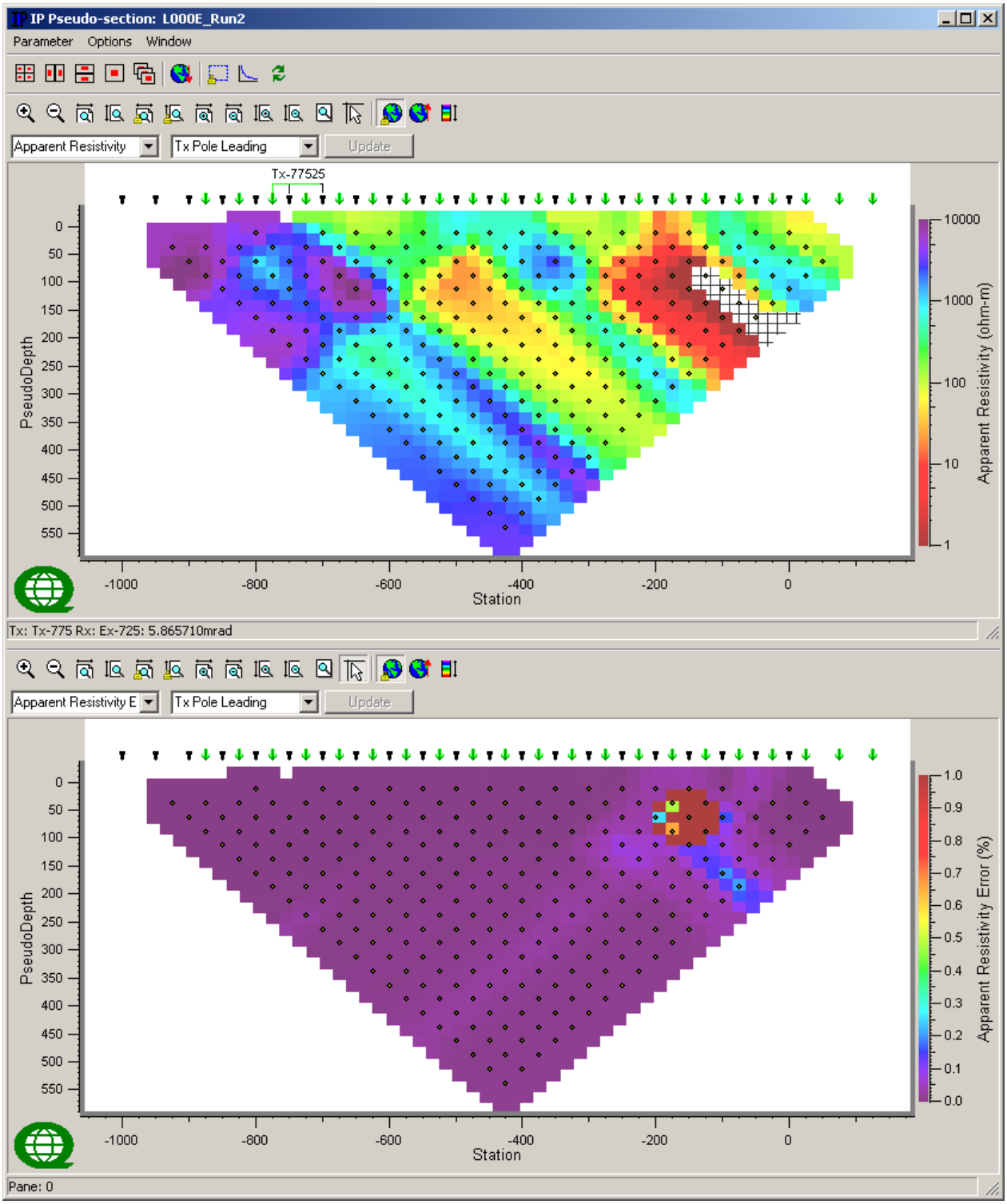
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 000E

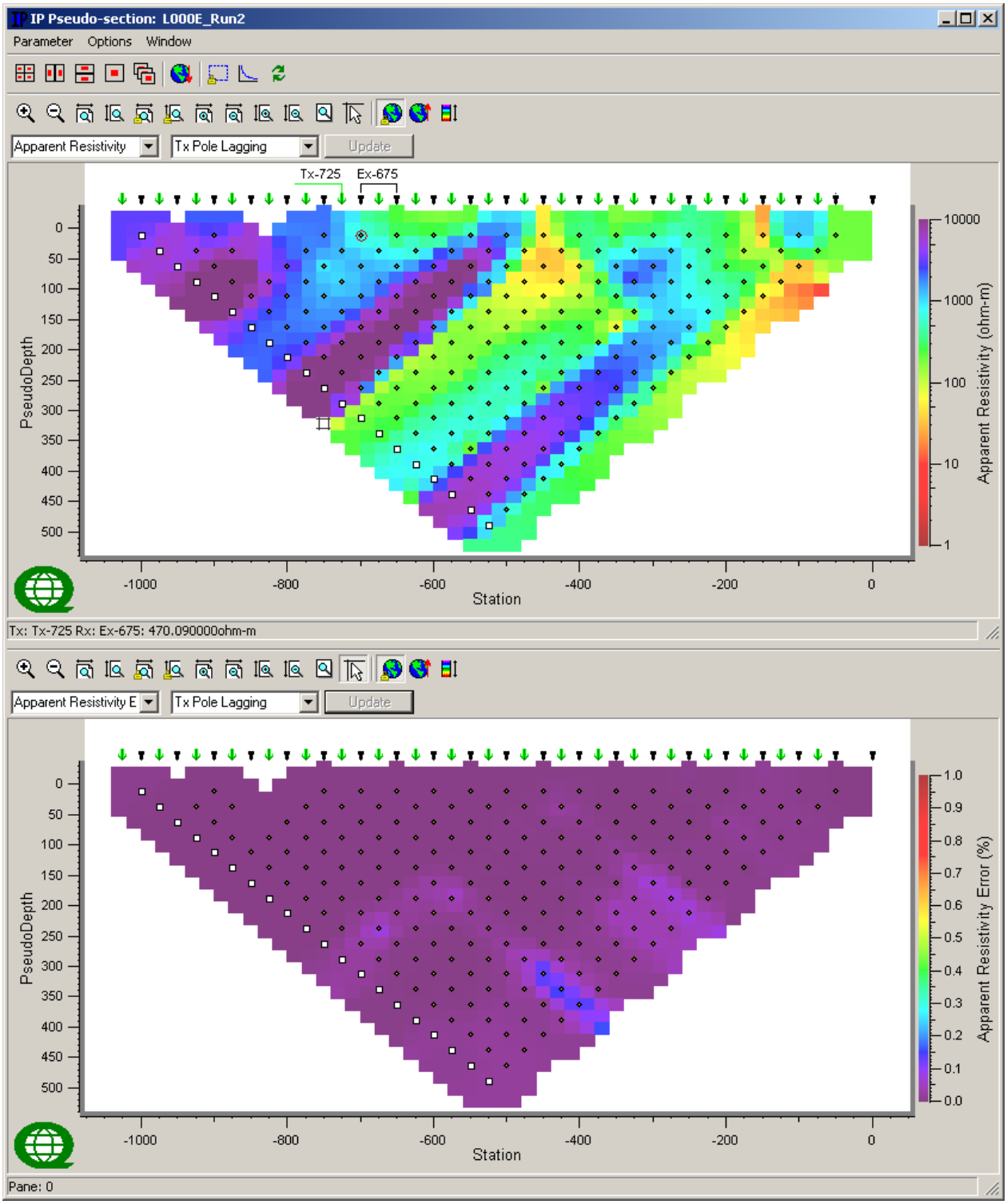
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 000E

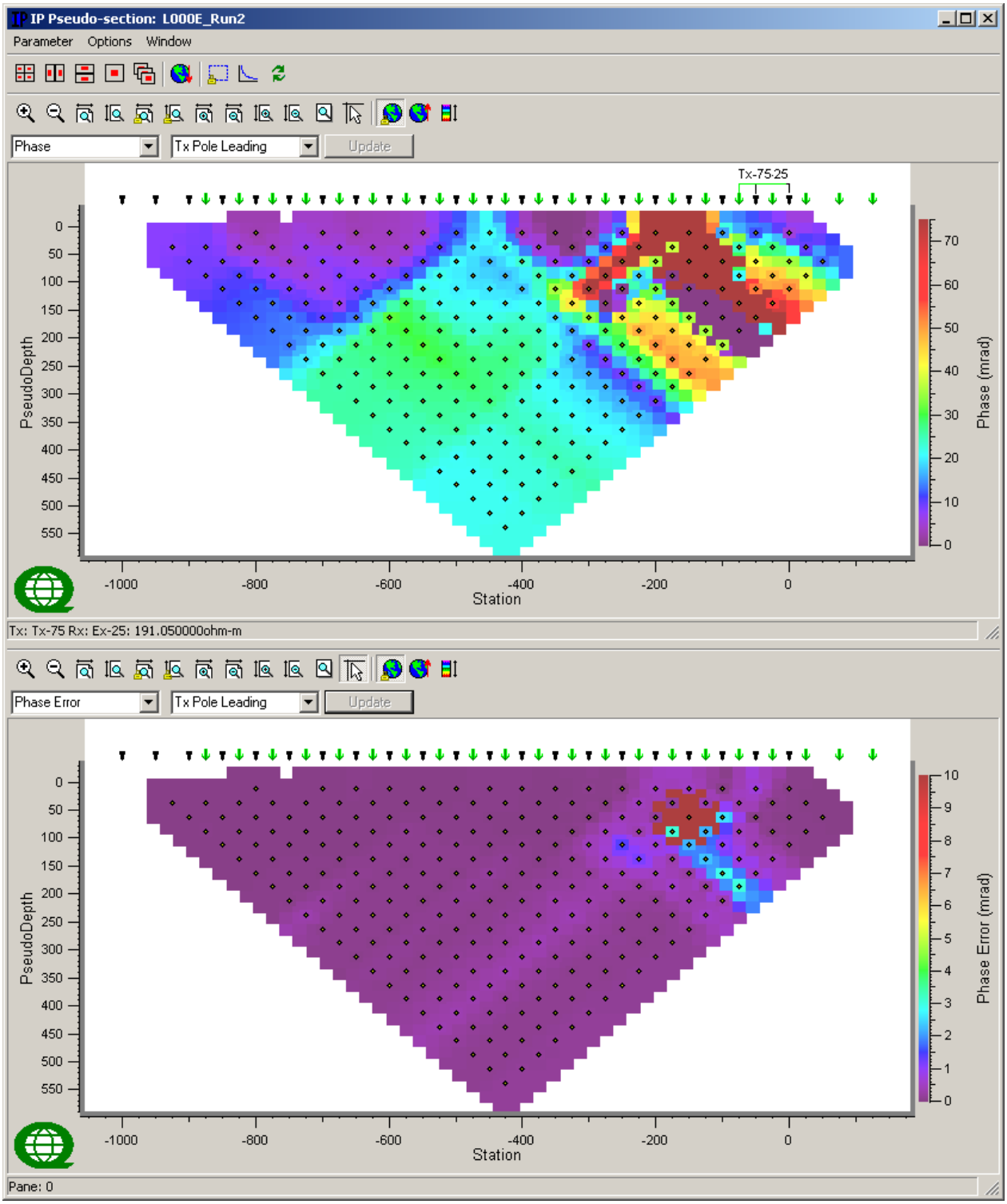
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

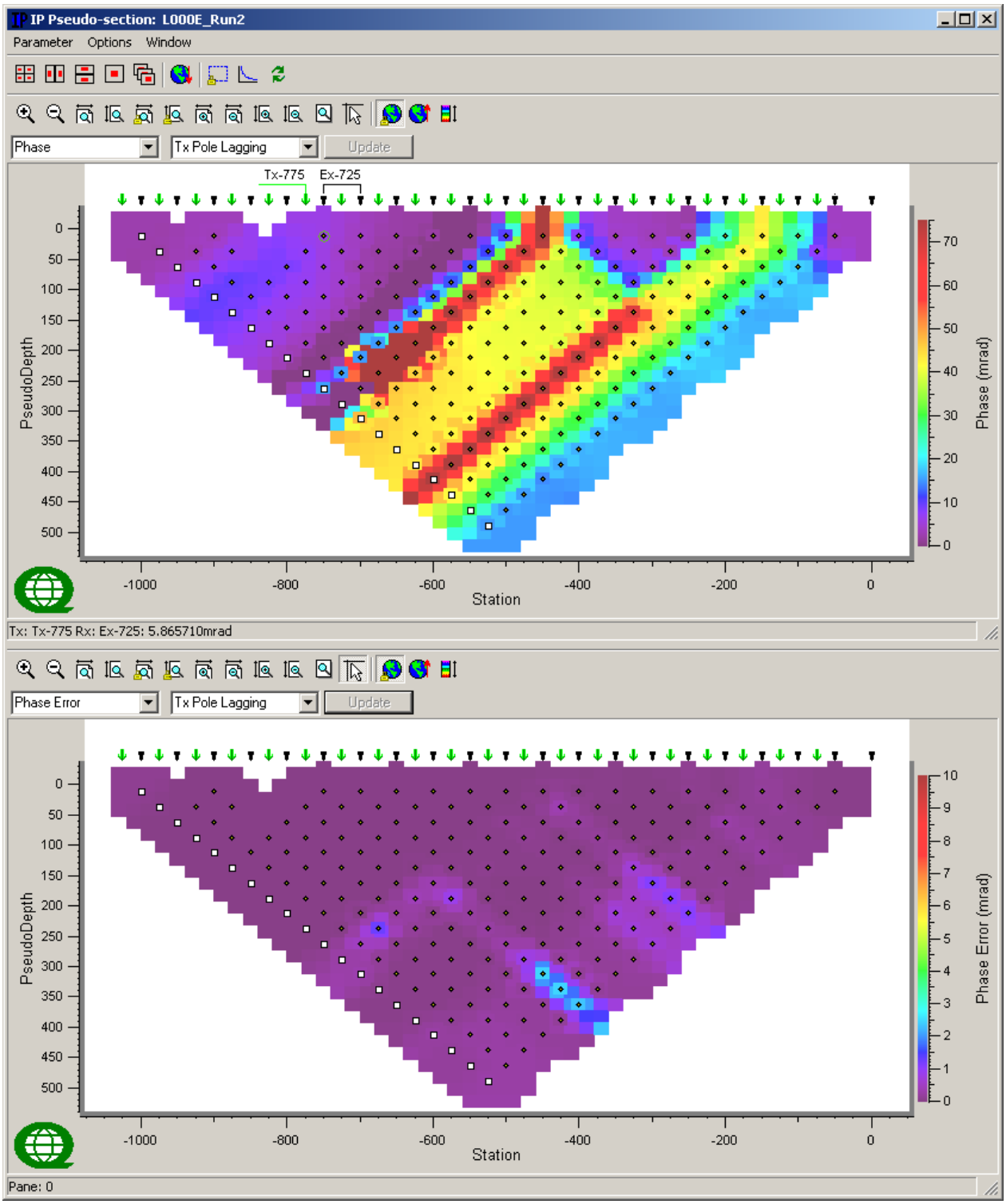
LINE 000E

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



LINE 000E

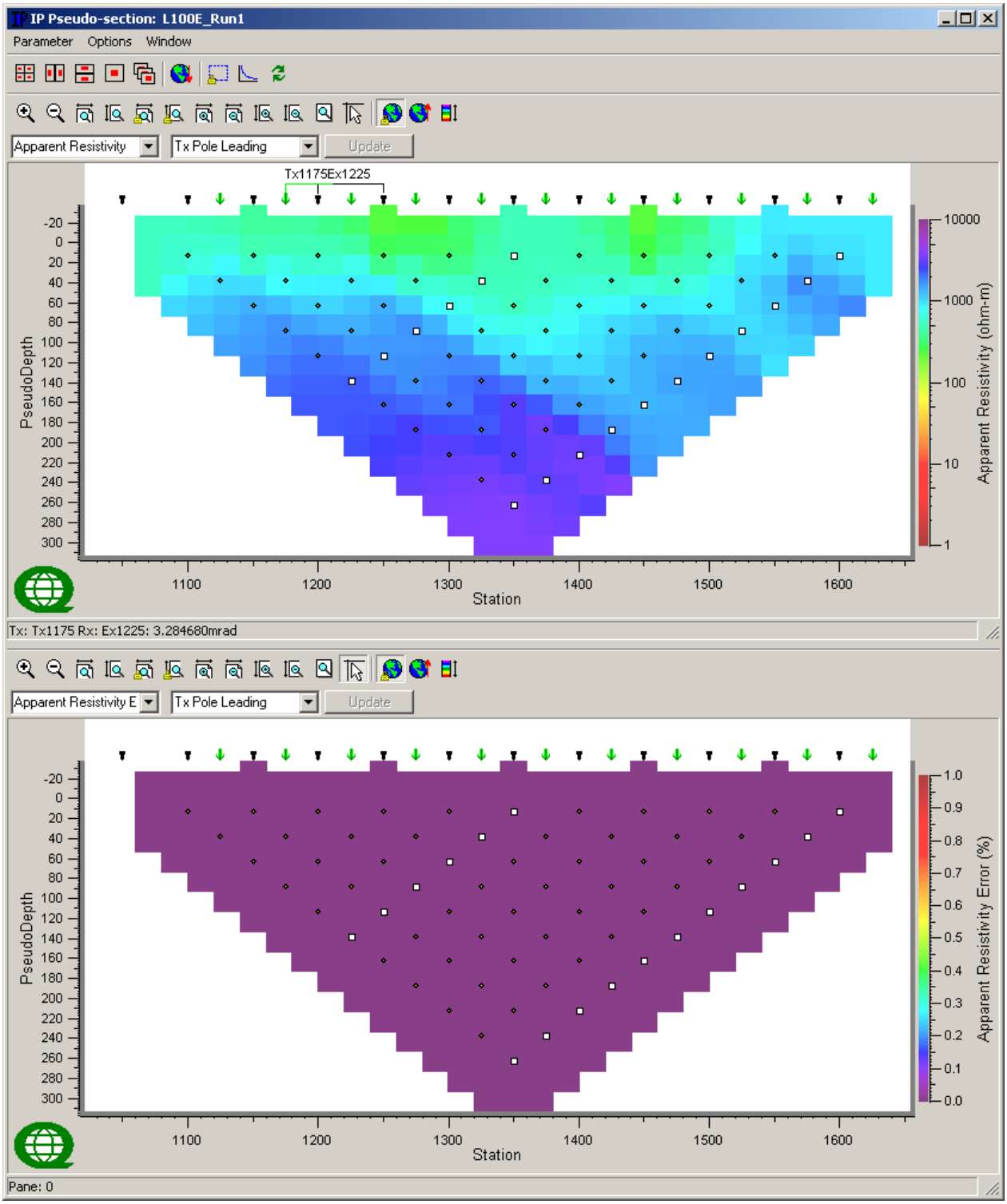
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 100E

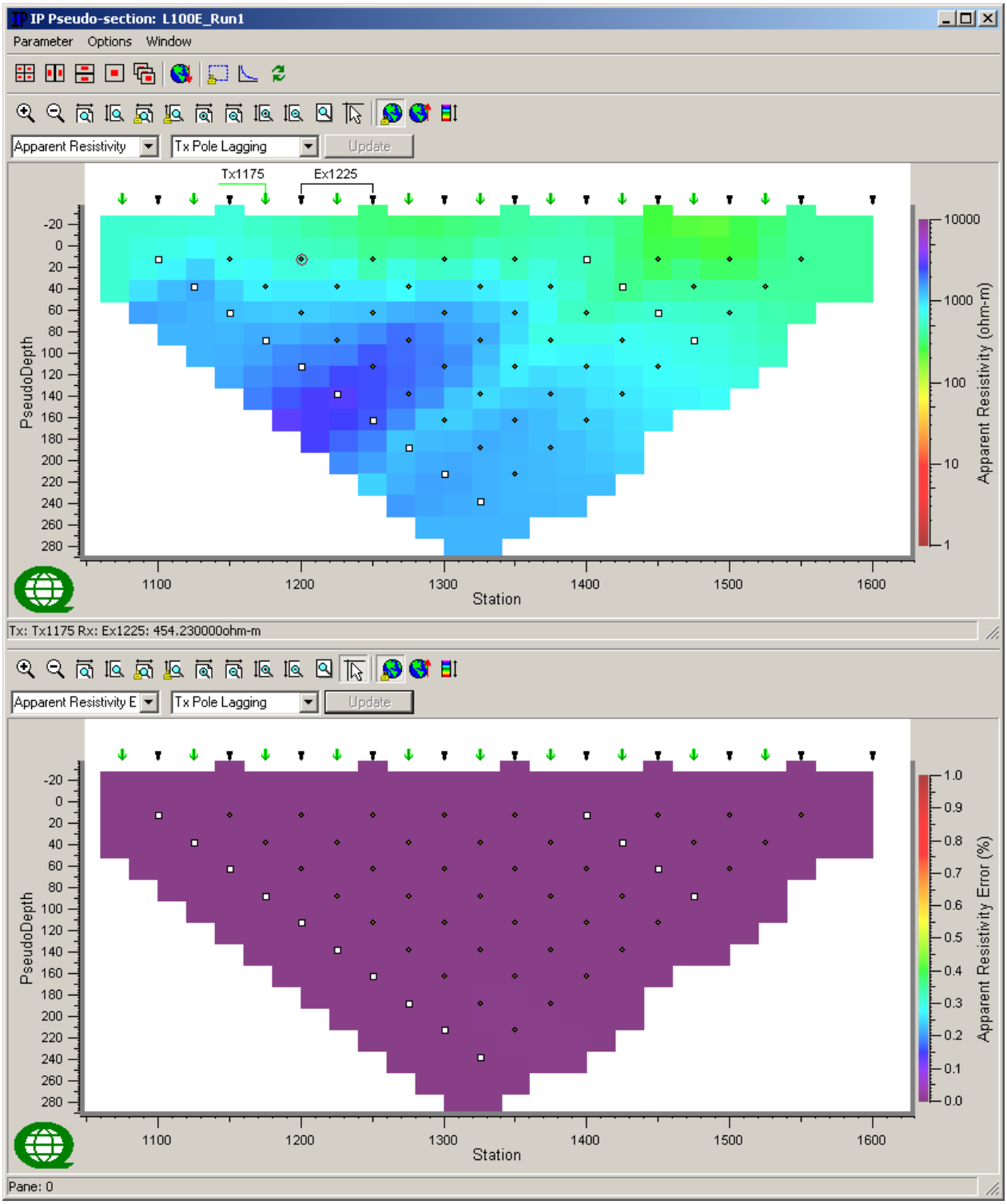
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

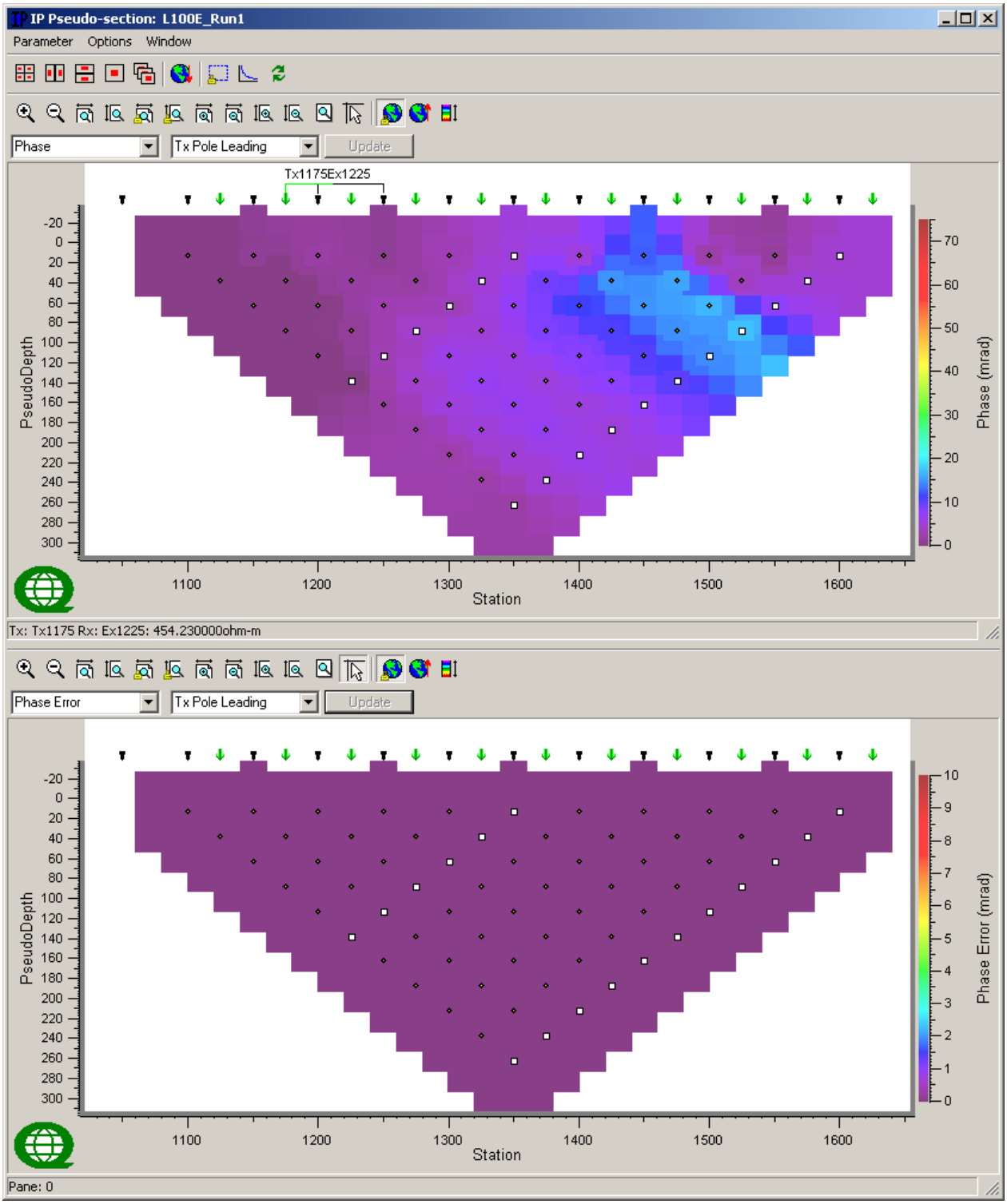
LINE 100E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 100E

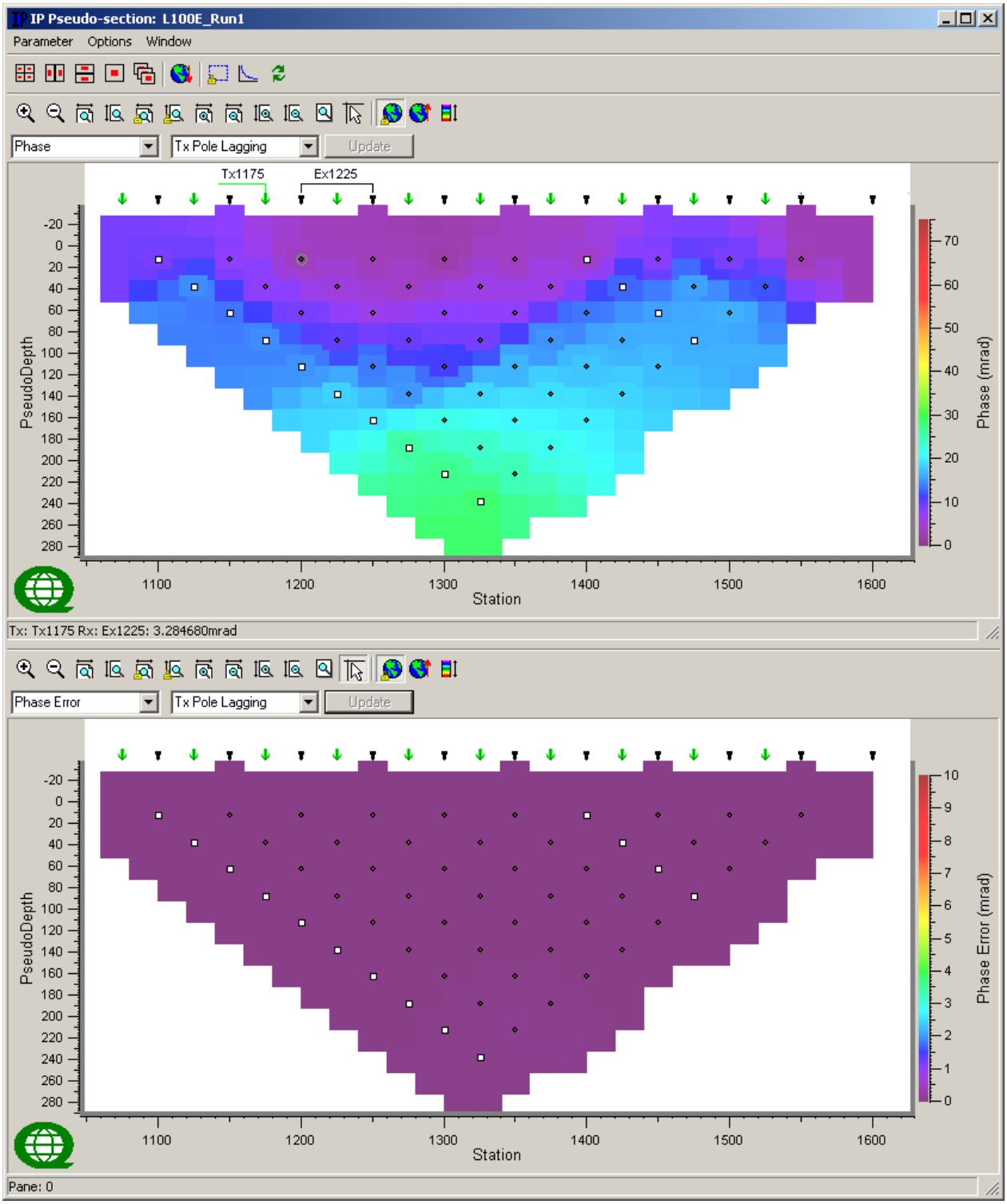
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 100E

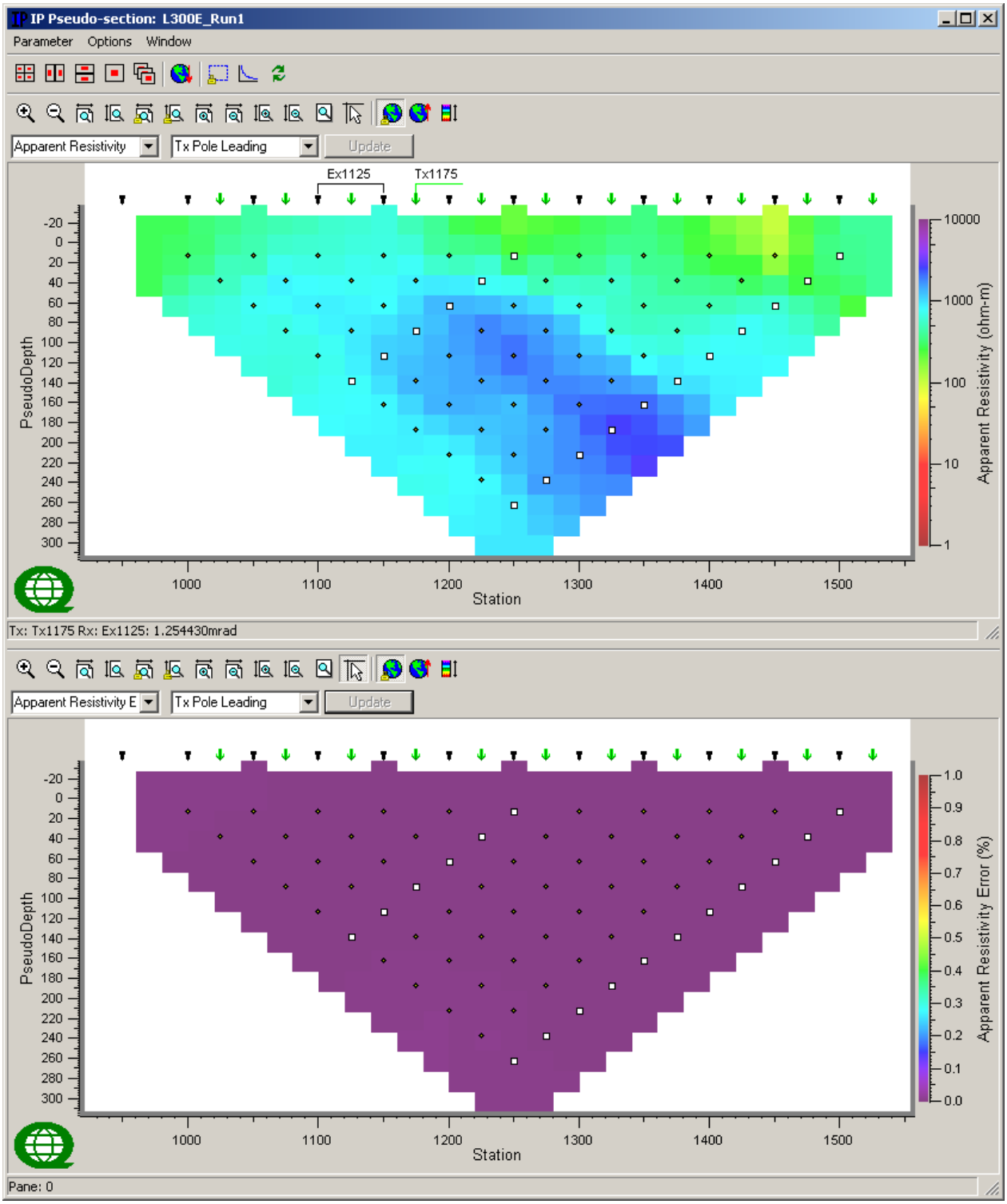
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

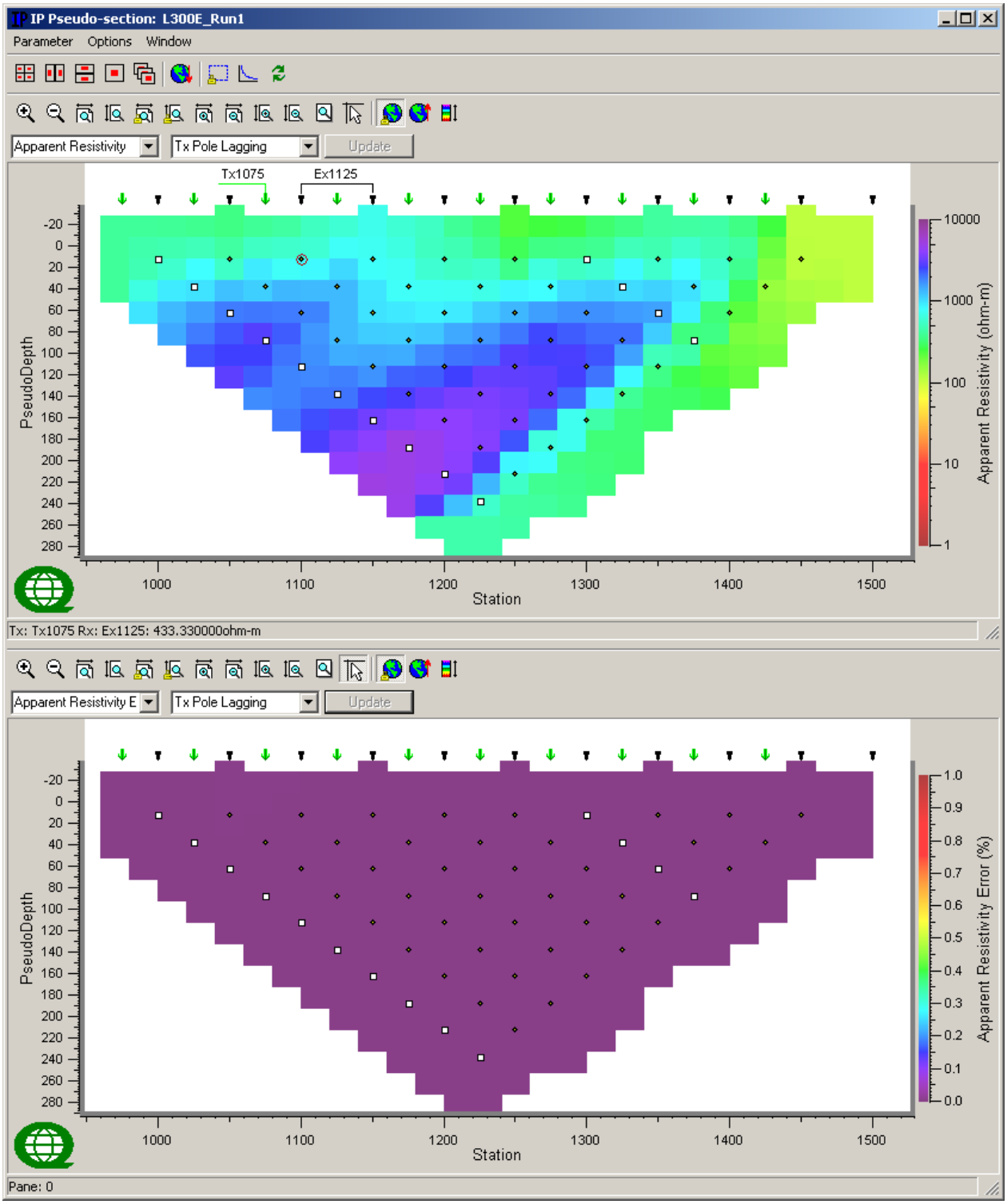
LINE 300E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



LINE 300E

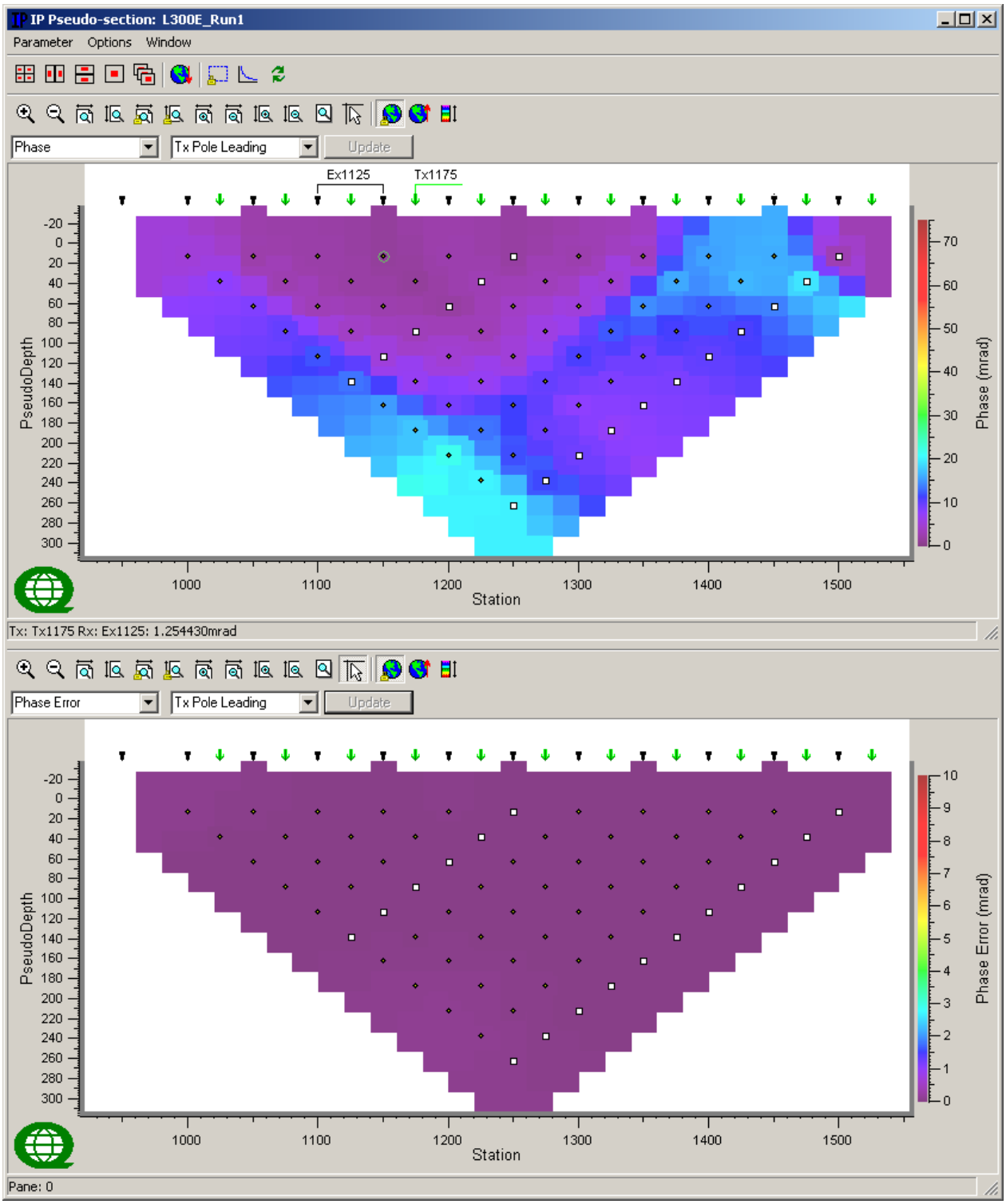
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 300E

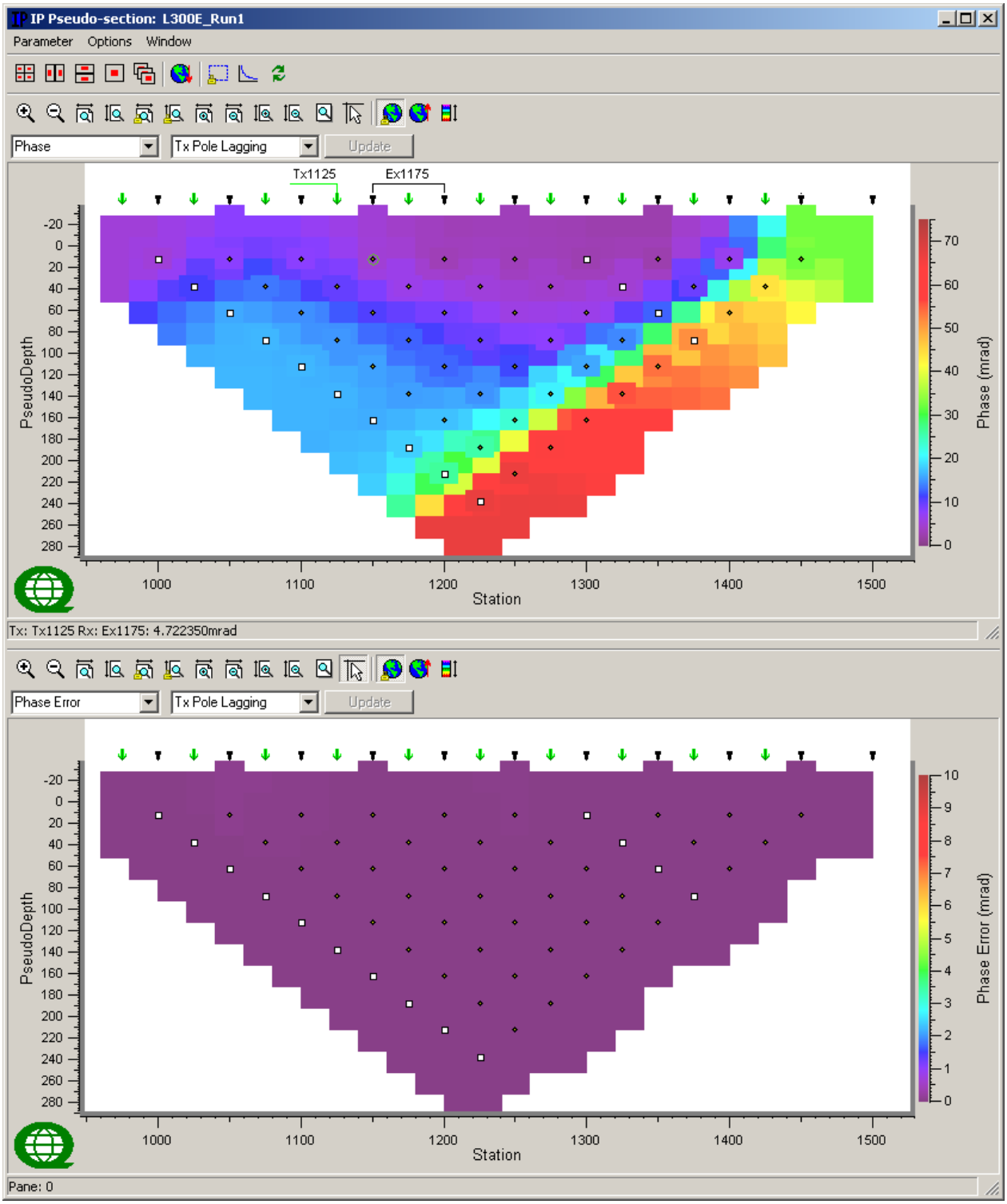
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 300E

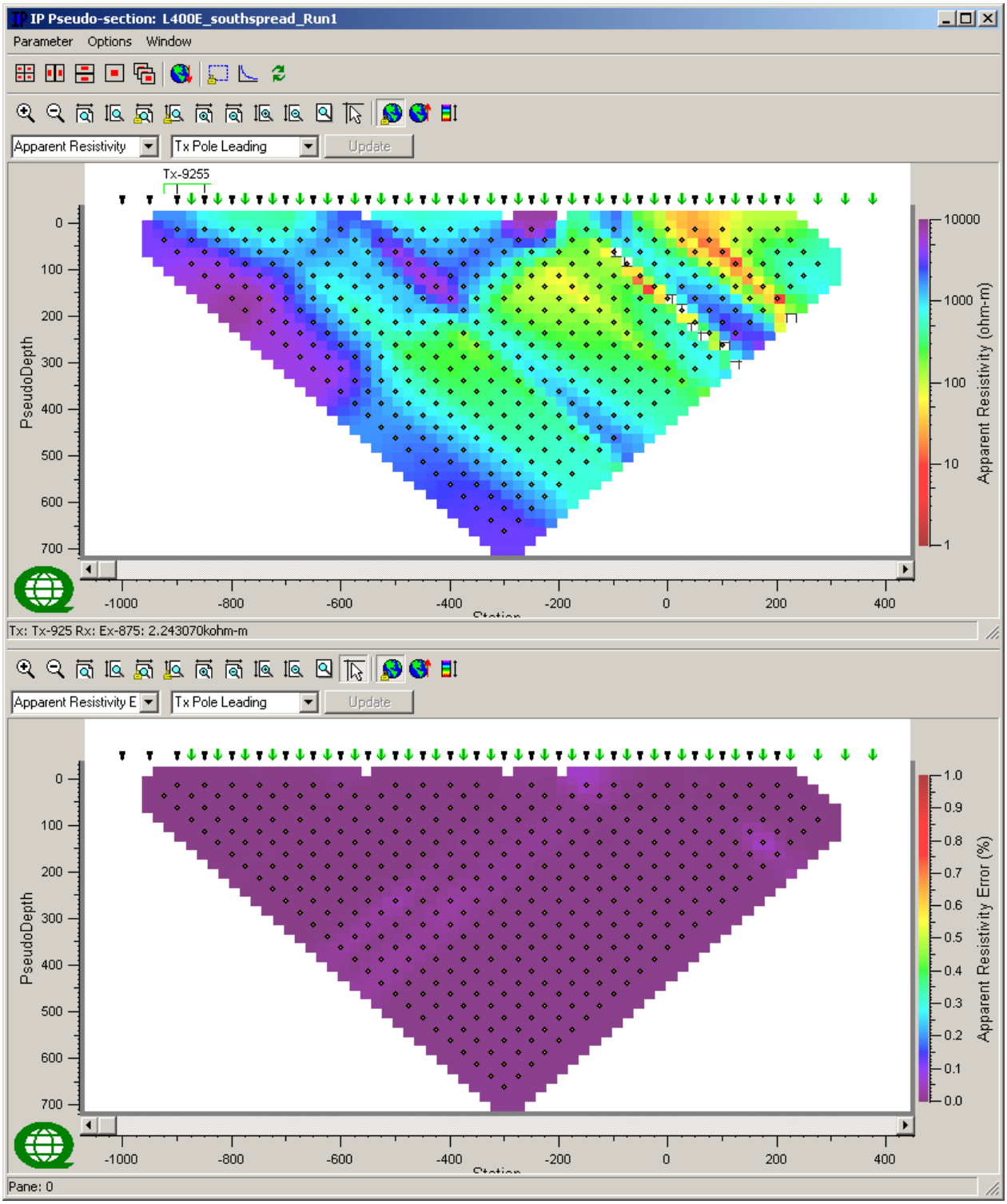
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

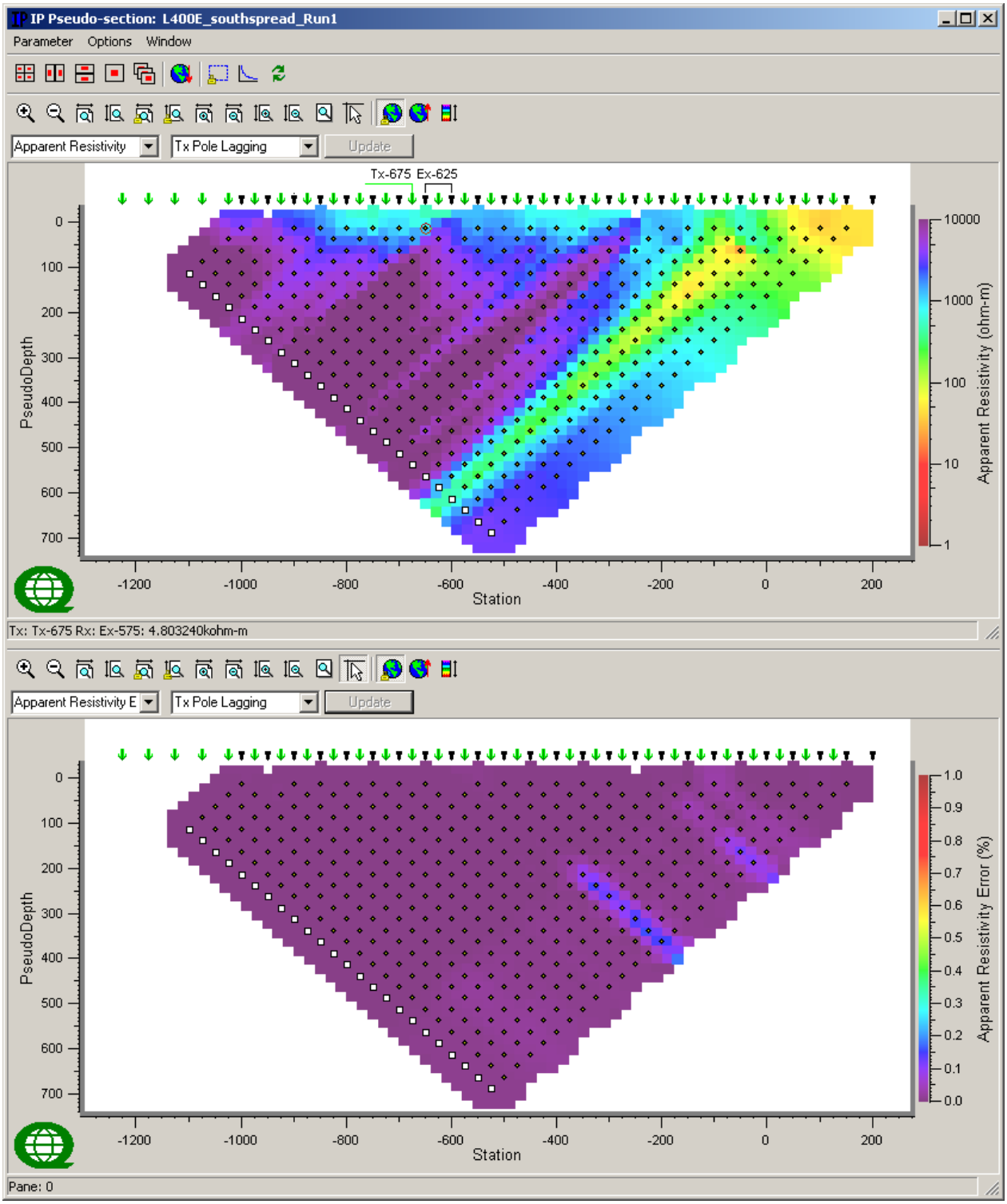
LINE 400E SOUTH SPREAD

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



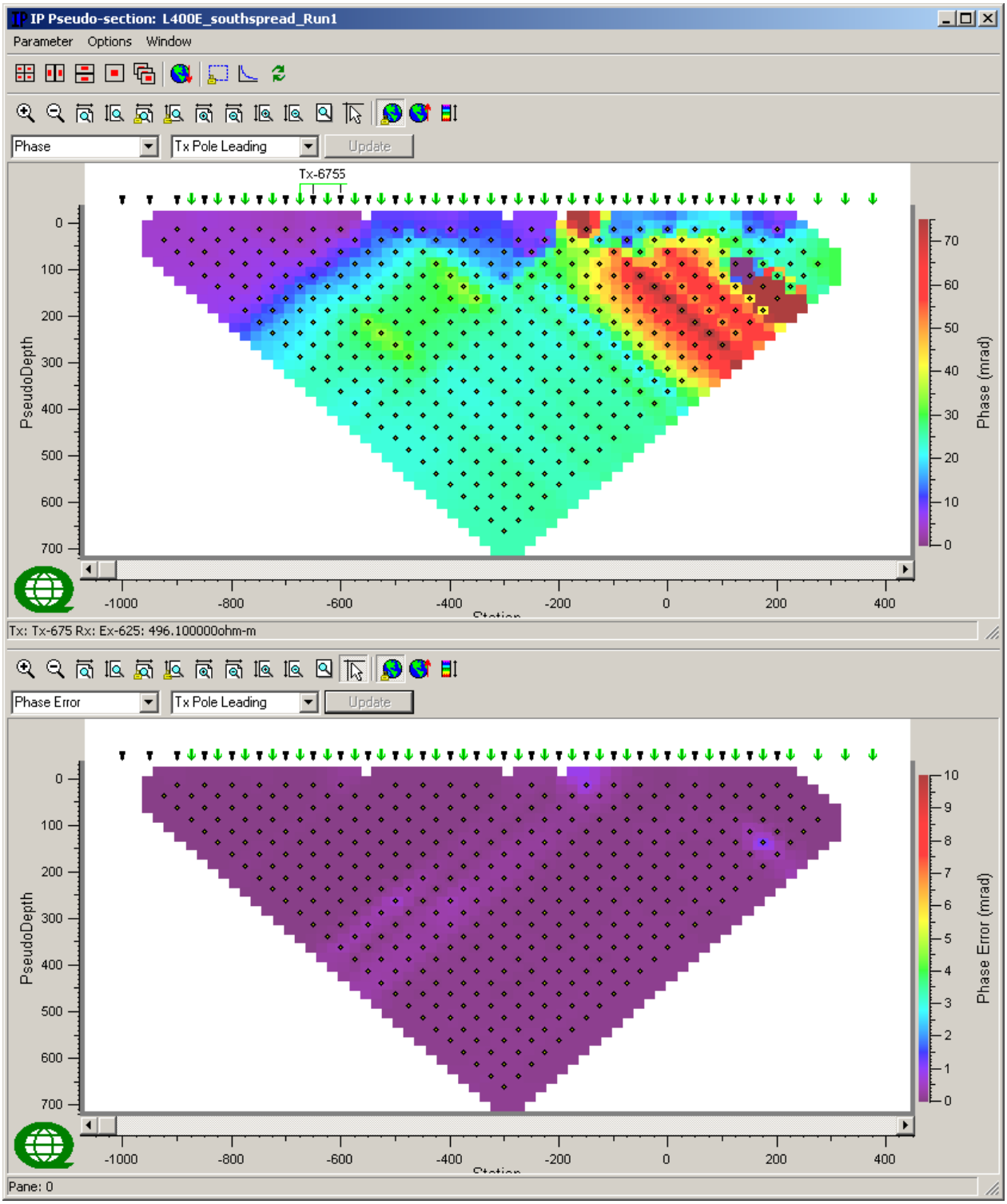
LINE 400E SOUTH SPREAD

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



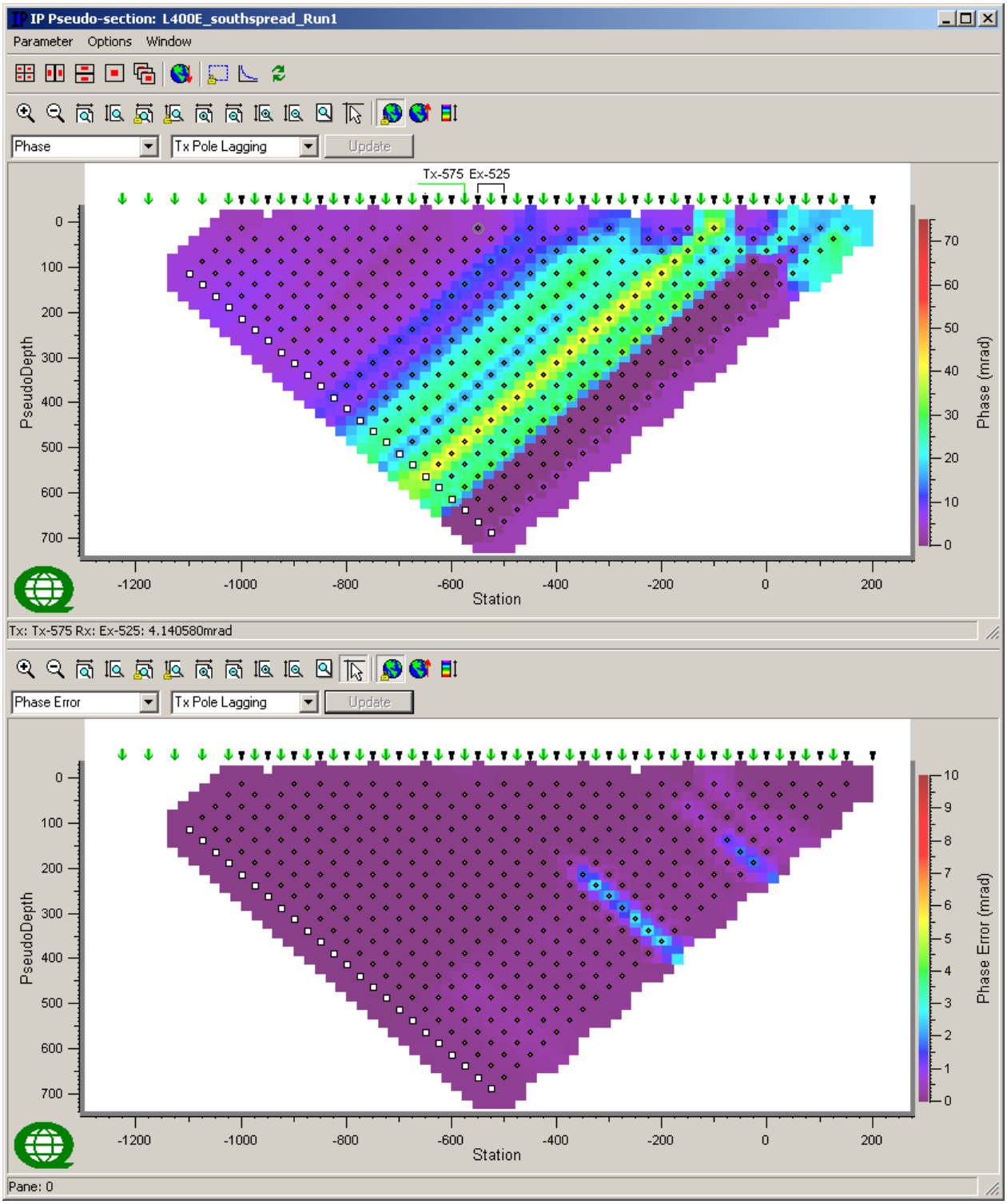
LINE 400E_SOUTH SPREAD

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



LINE 400E SOUTH SPREAD

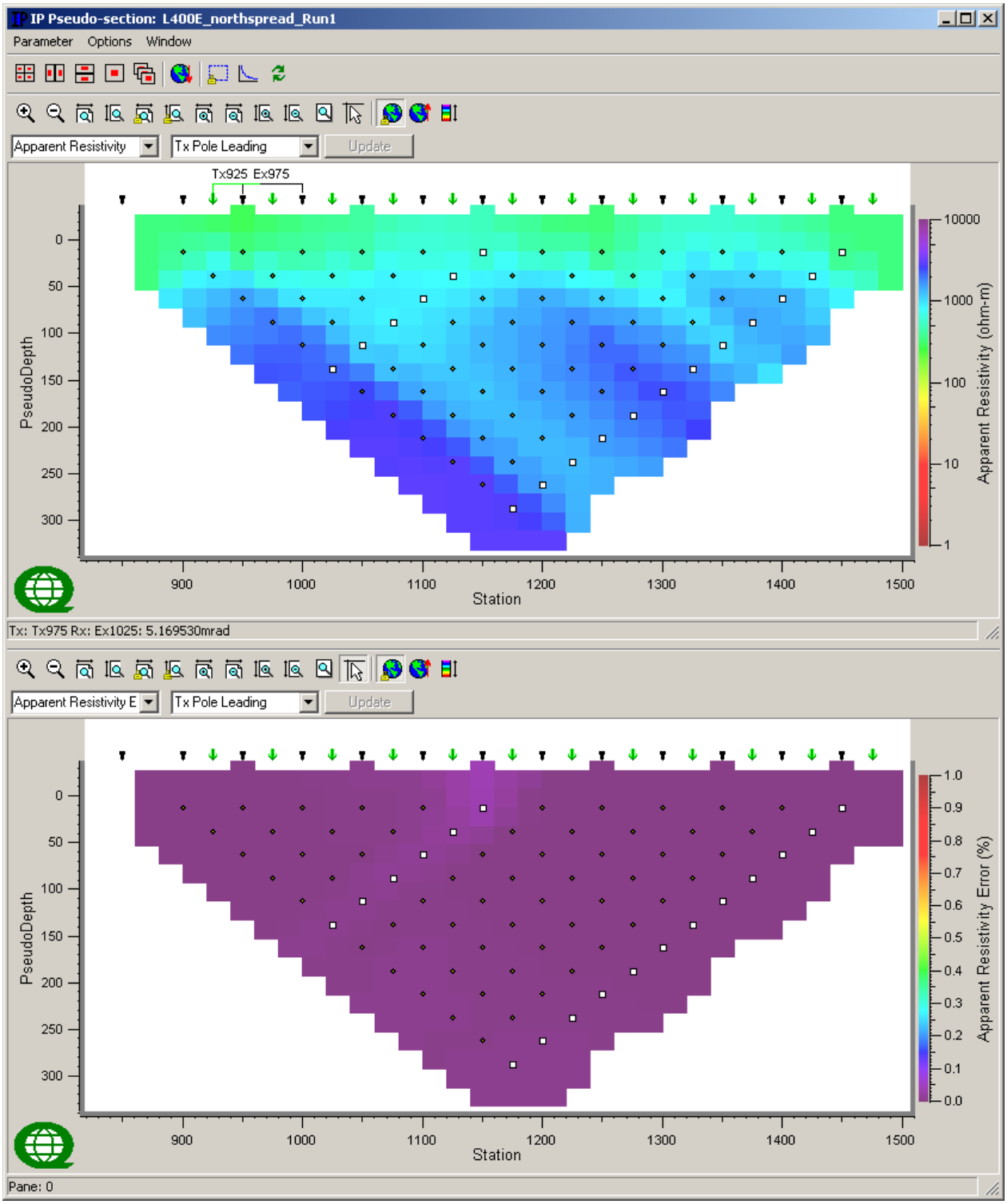
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 400E_NORTH SPREAD

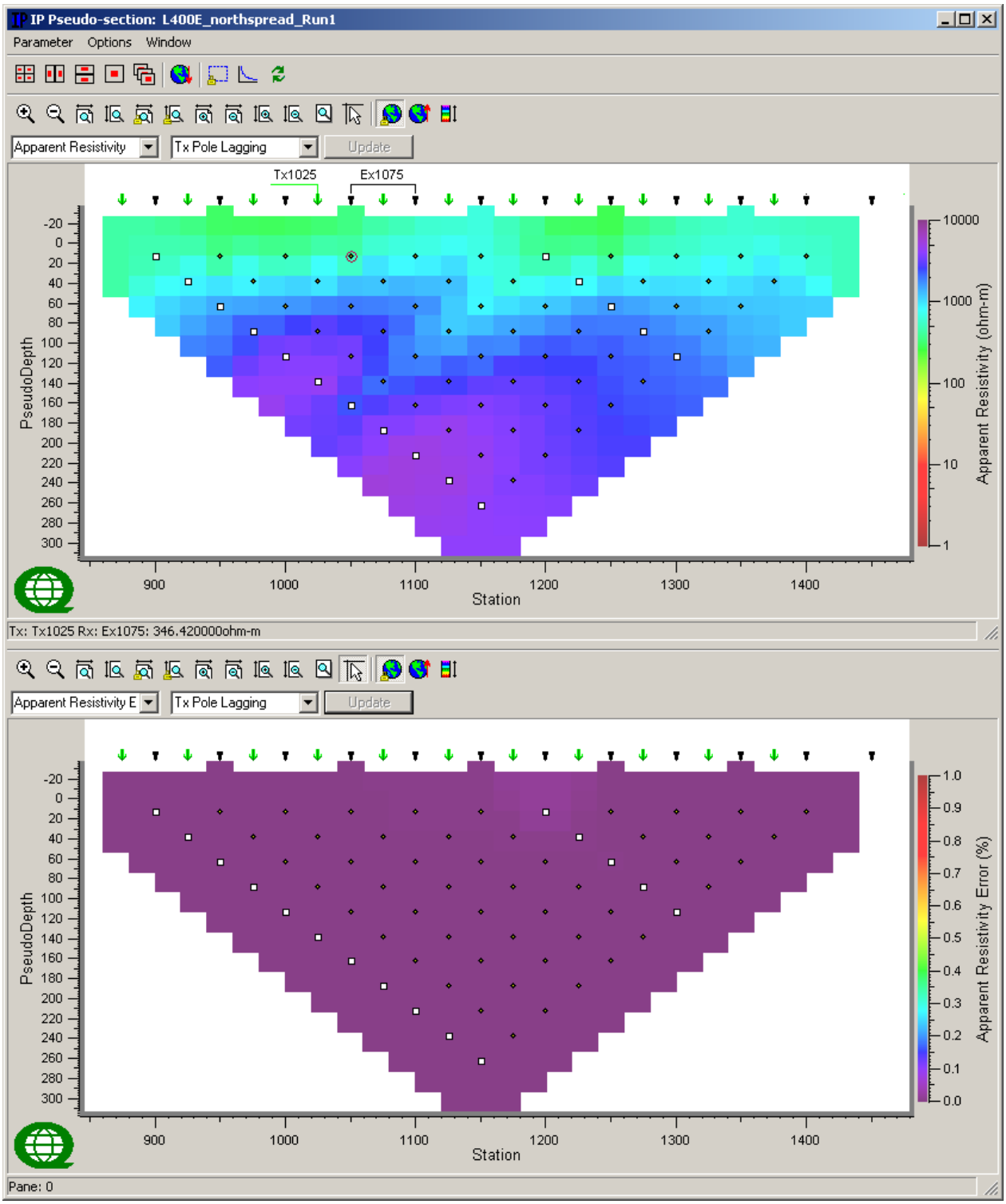
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 400E_NORTH SPREAD

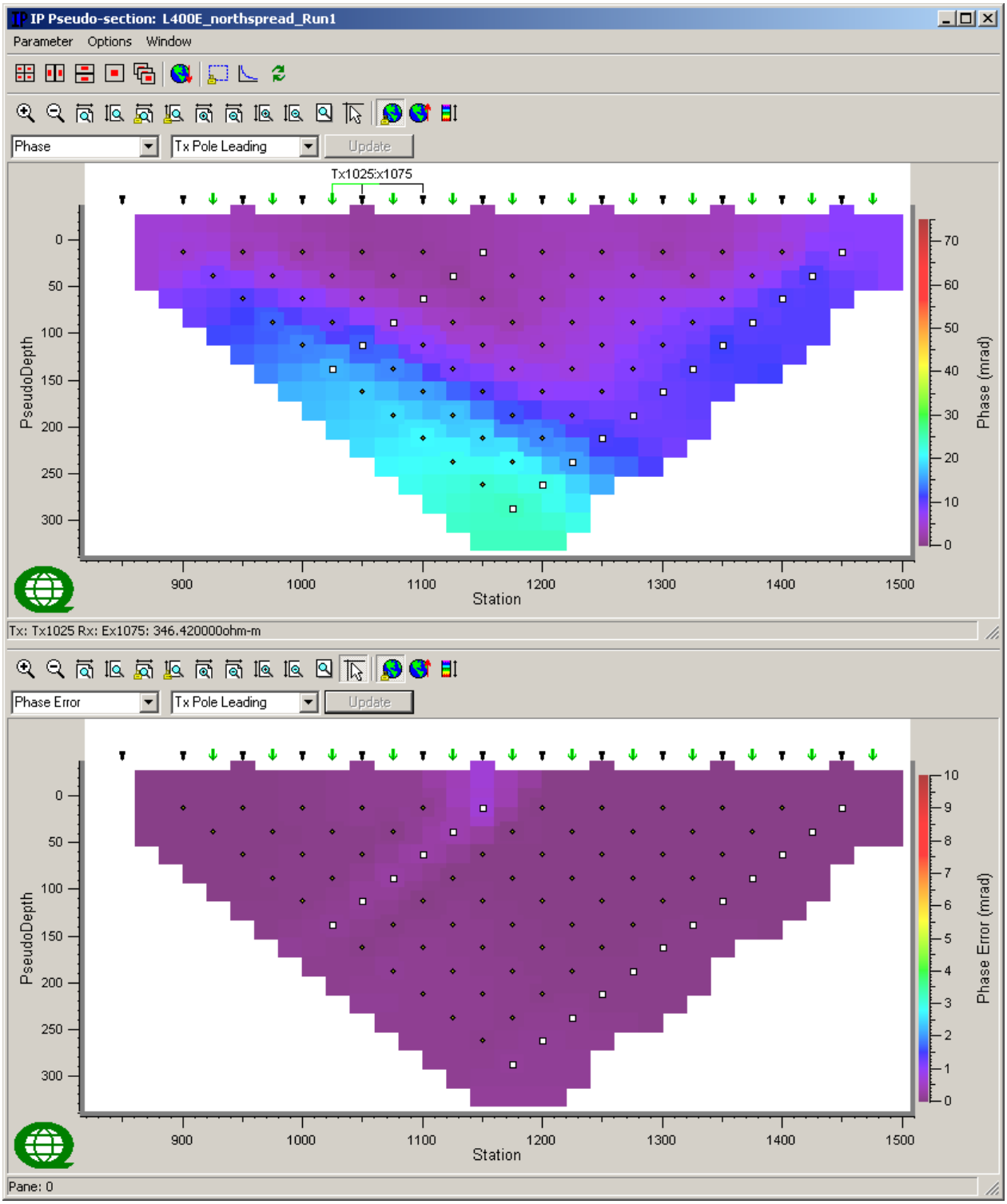
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 400E_NORTH SPREAD

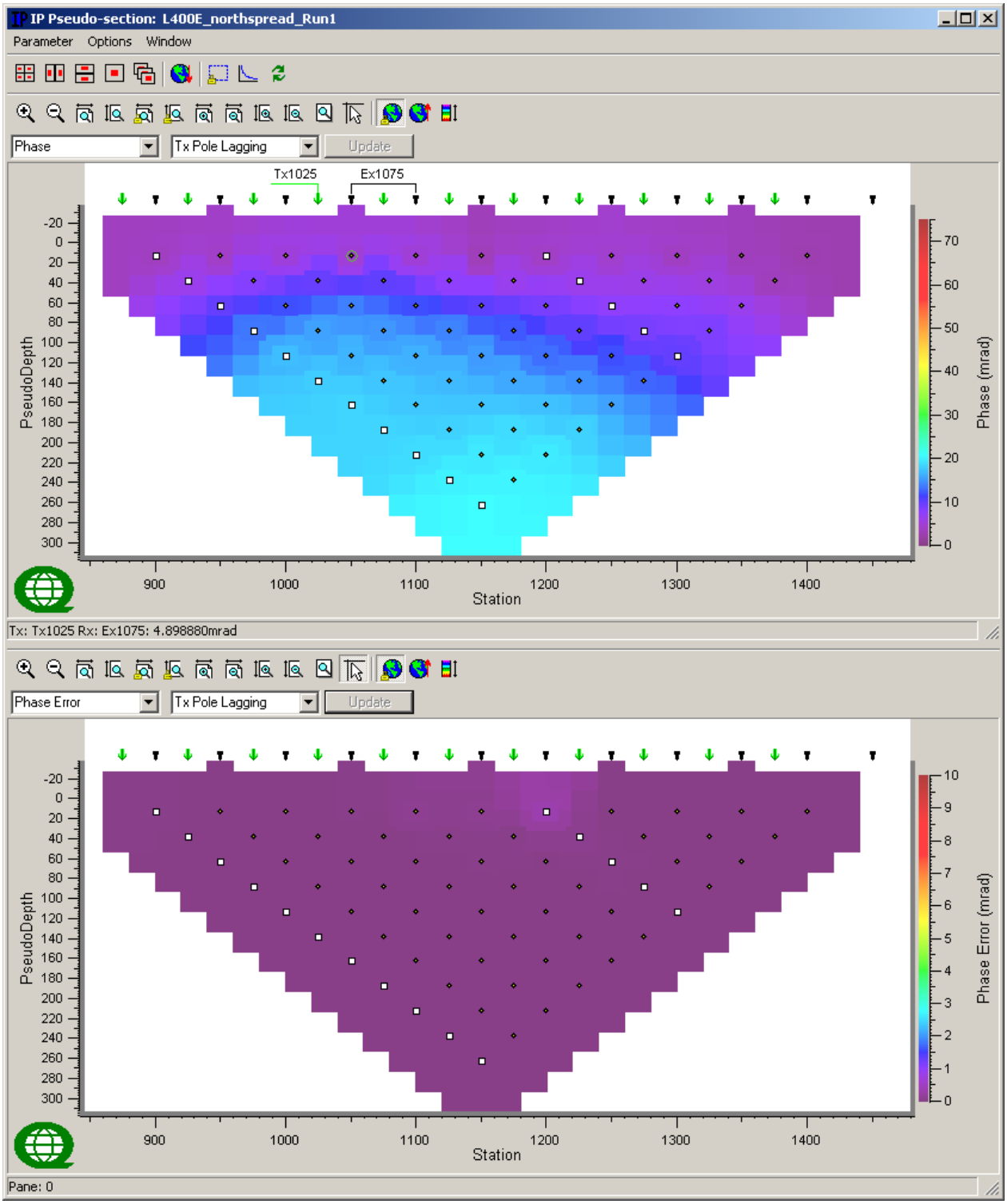
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

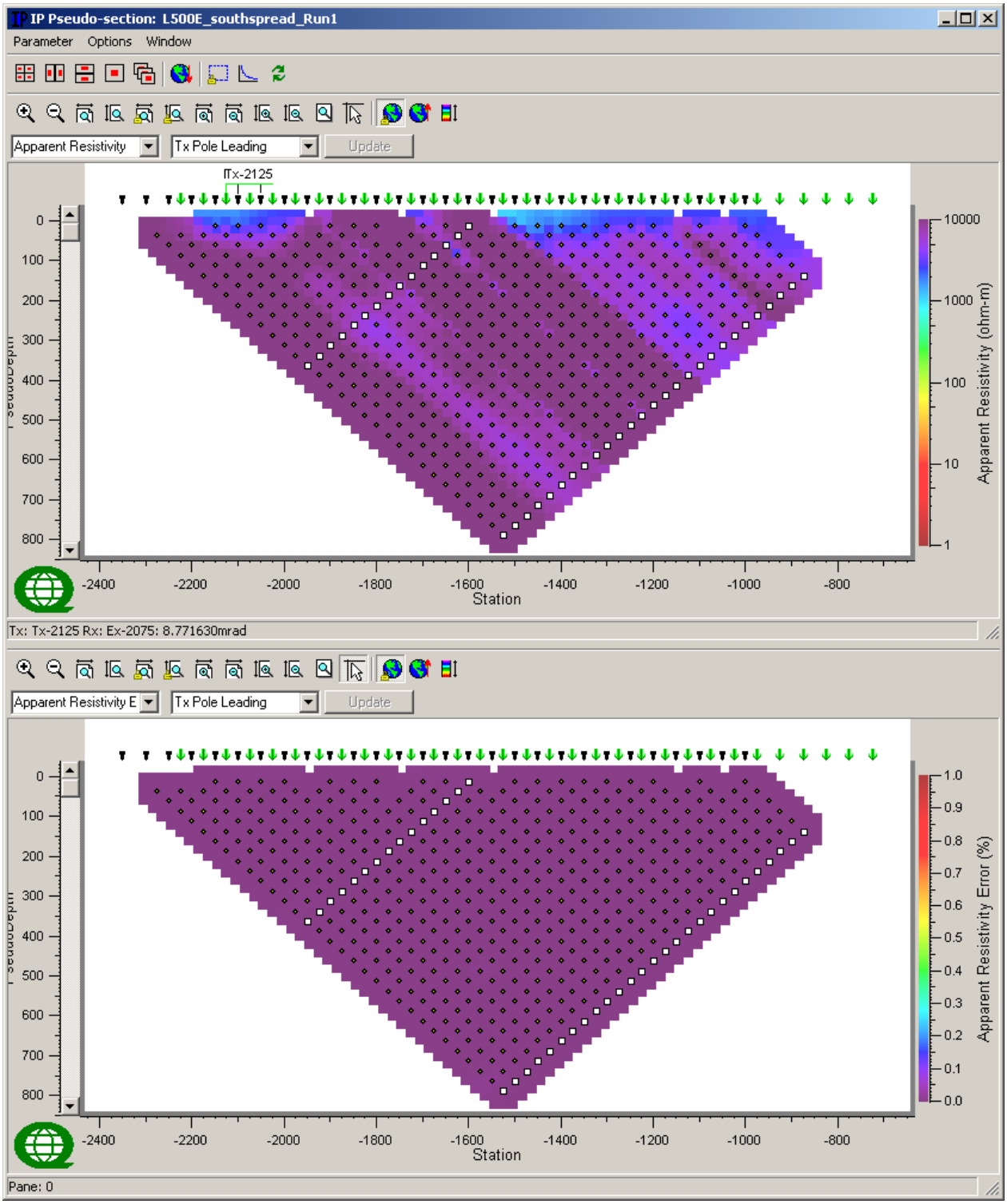
LINE 400E_NORTH SPREAD

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



LINE 500E SOUTH SPREAD

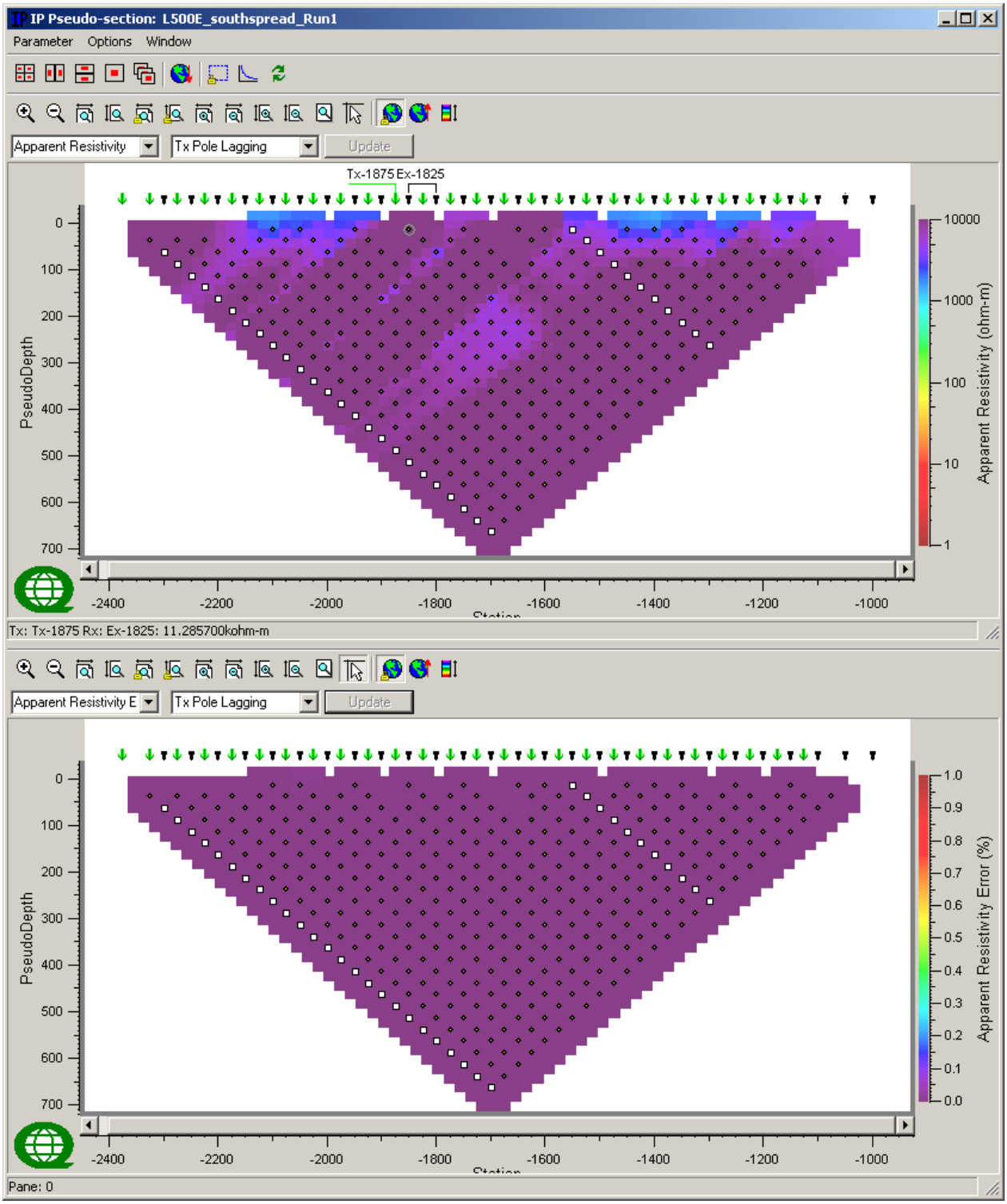
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 500E SOUTH SPREAD

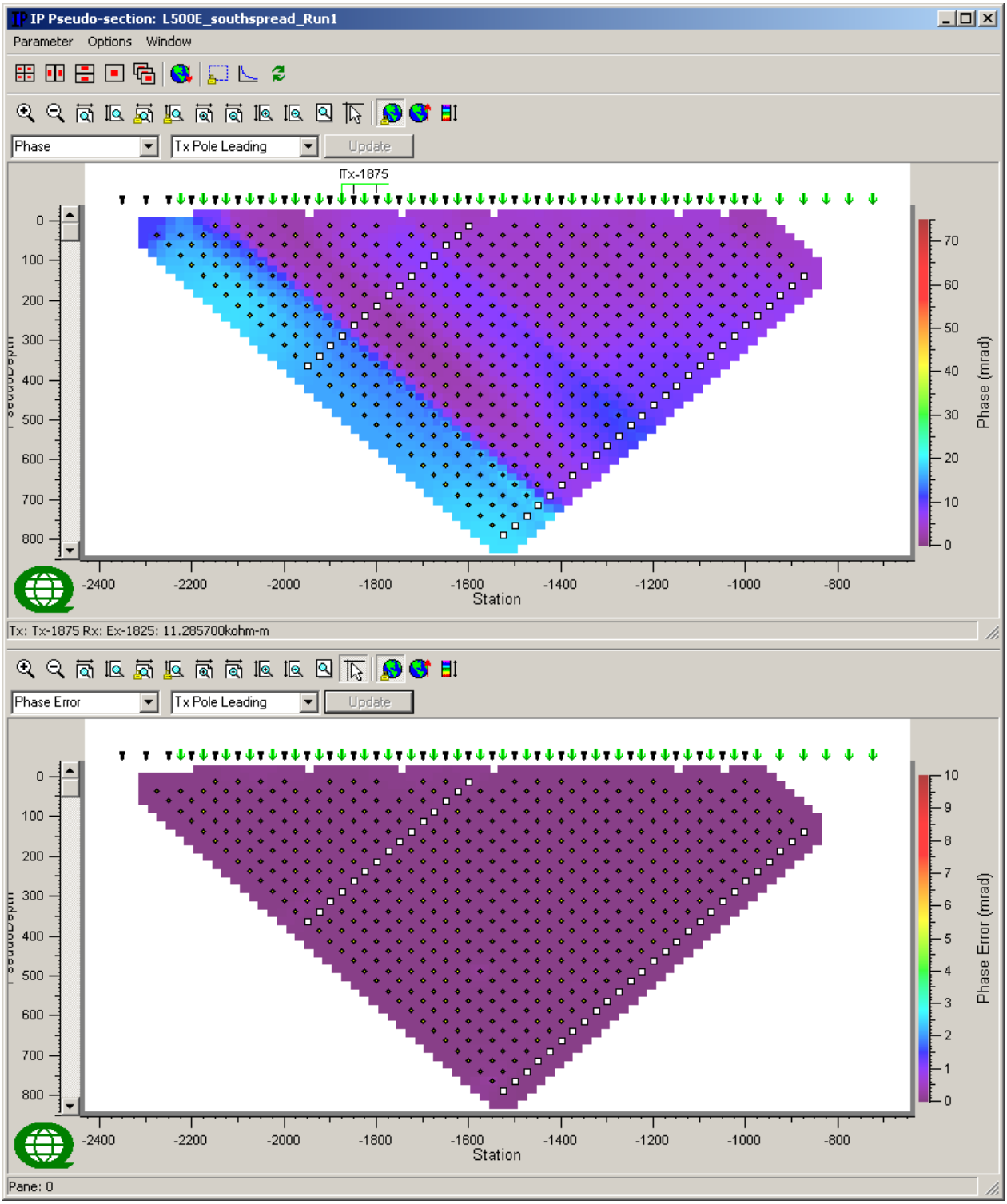
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

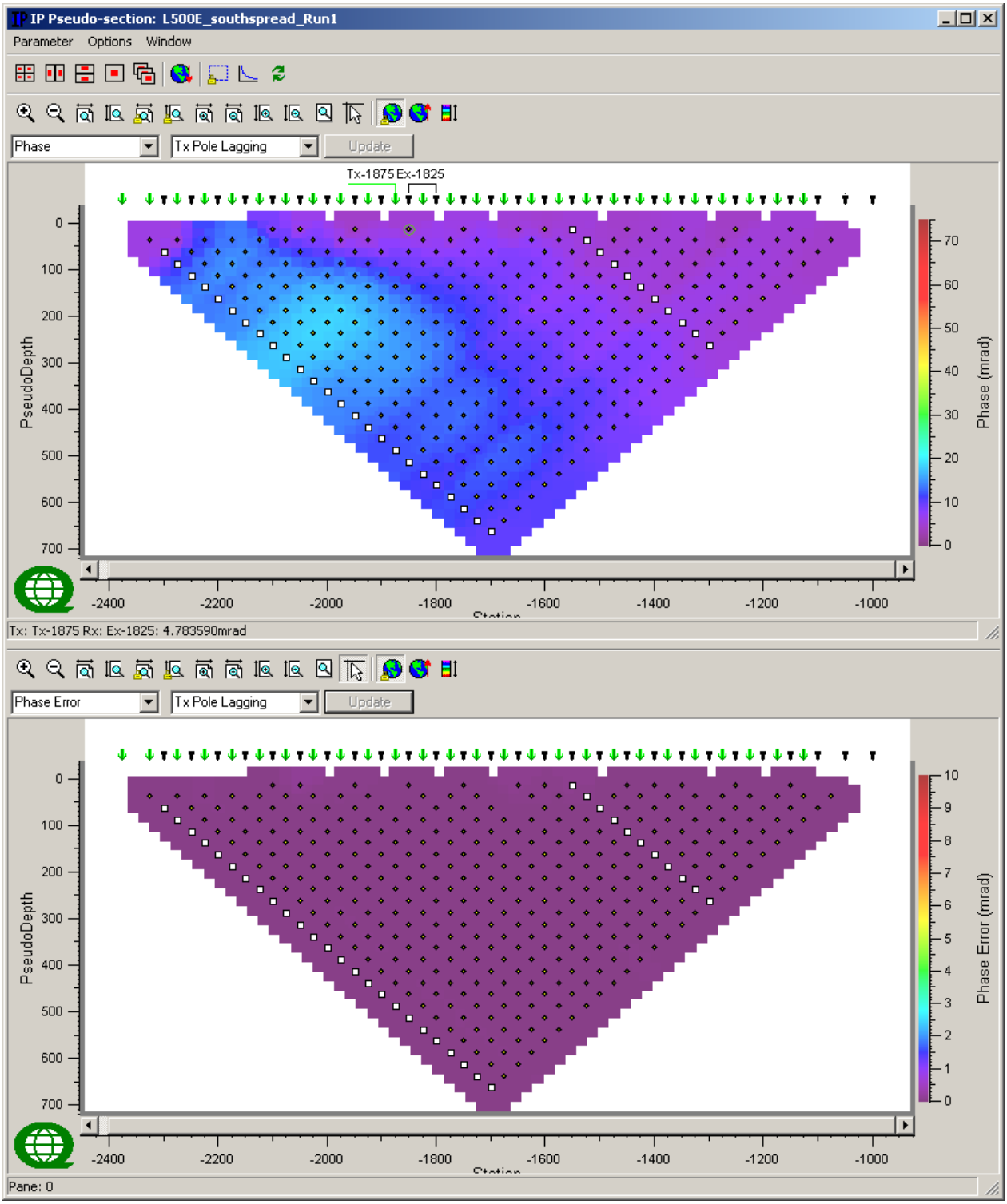
LINE 500E SOUTH SPREAD

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



LINE 500E SOUTH SPREAD

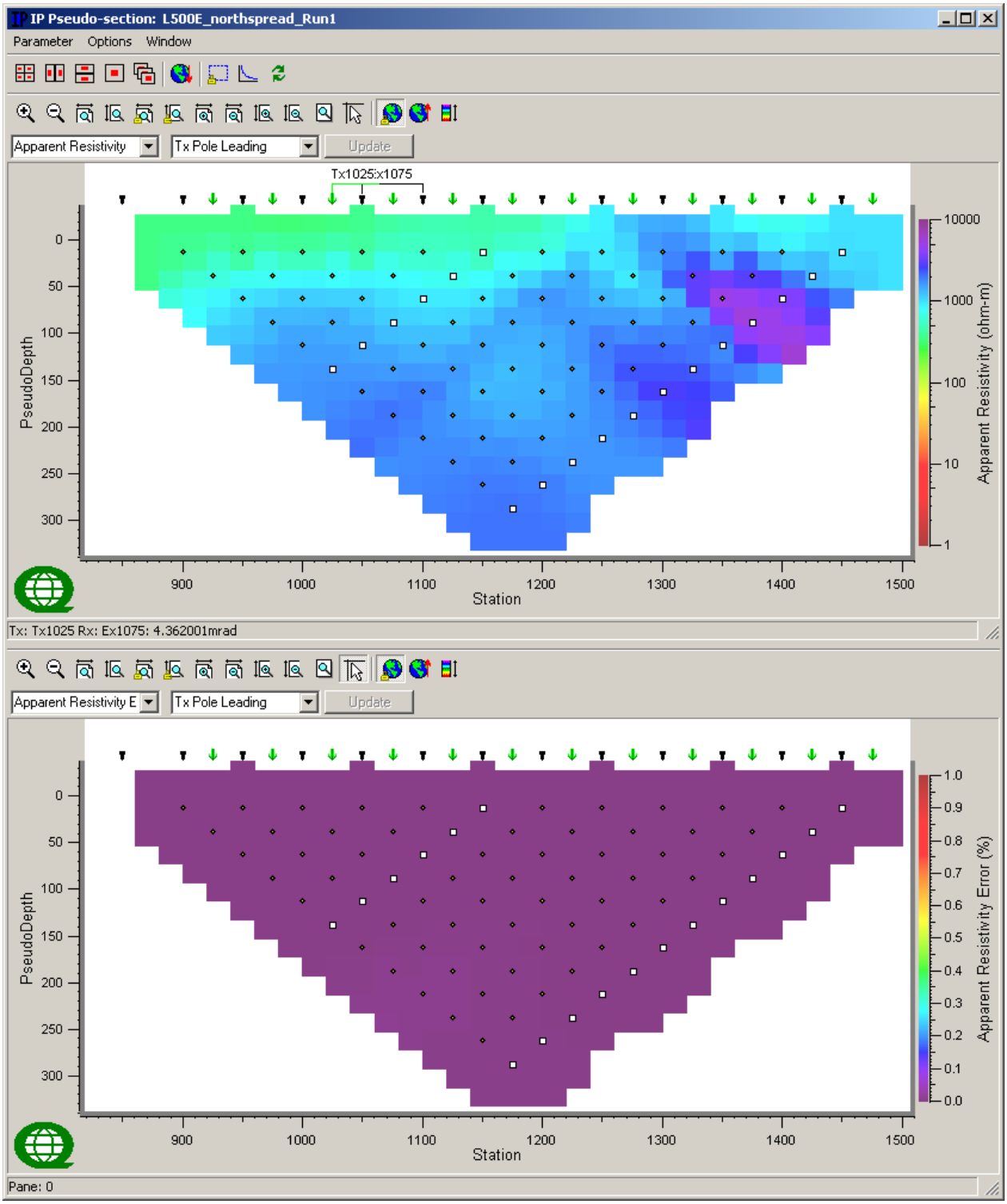
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

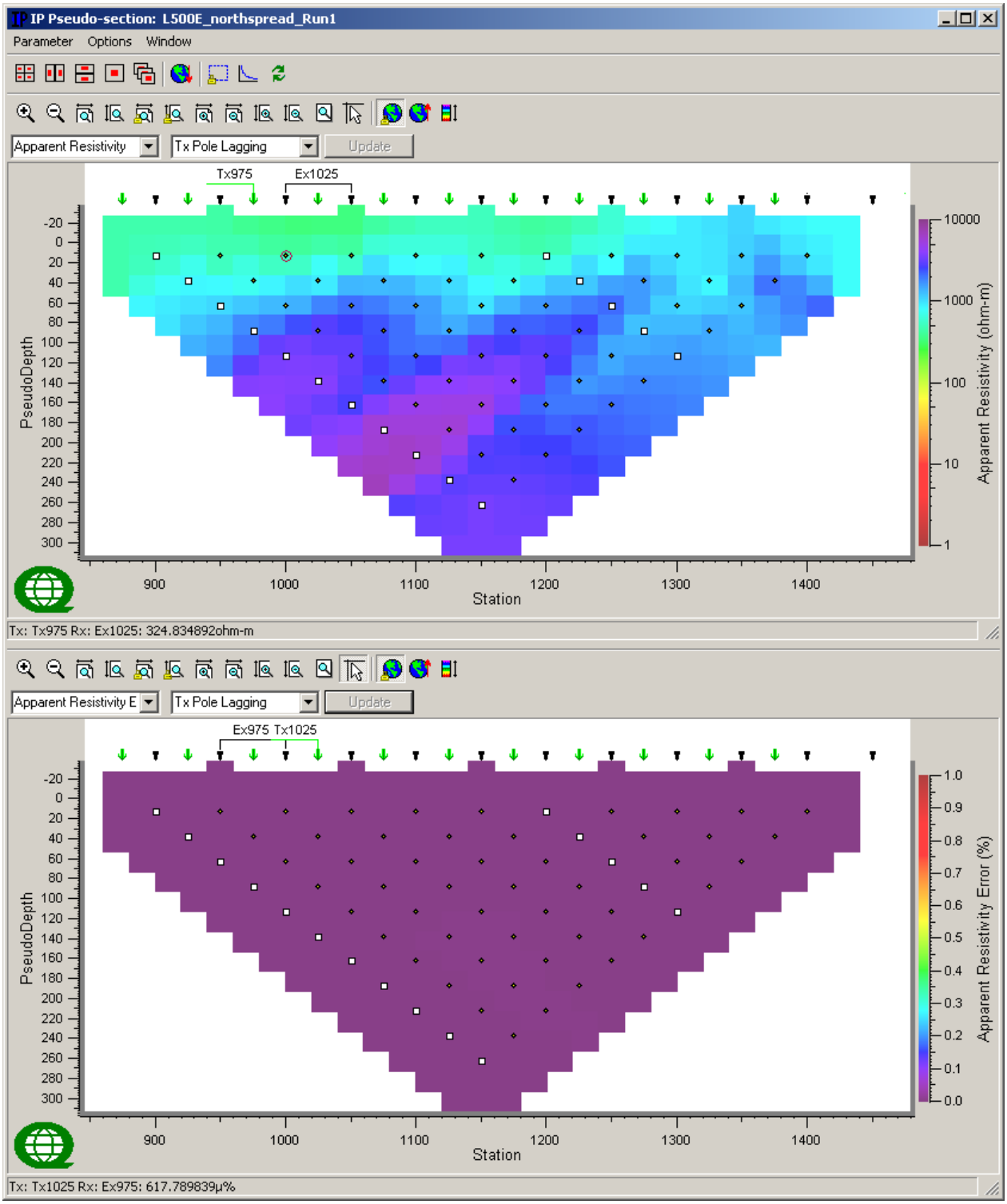
LINE 500E_NORTH SPREAD

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



LINE 500E_NORTH SPREAD

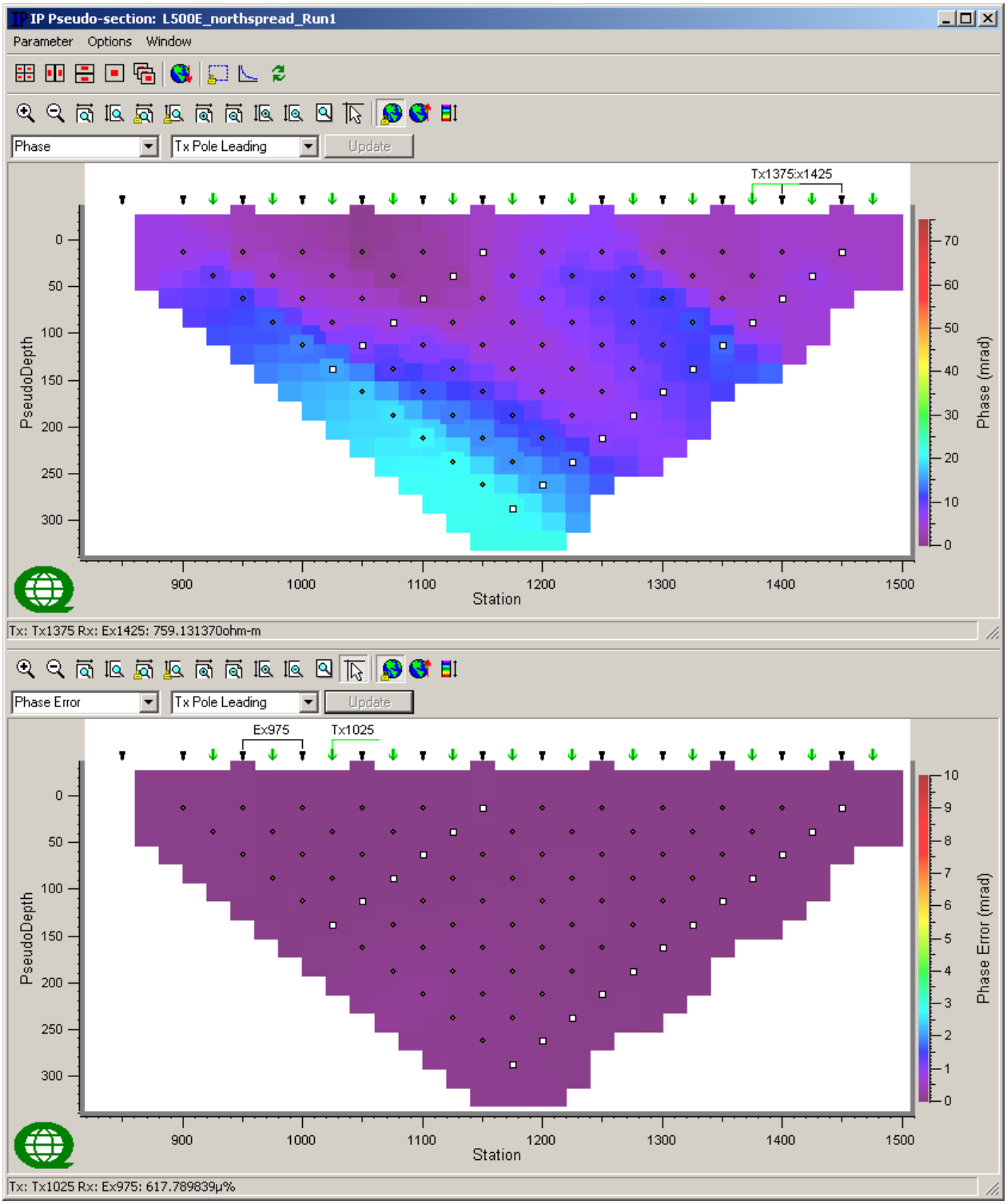
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 500E_NORTH SPREAD

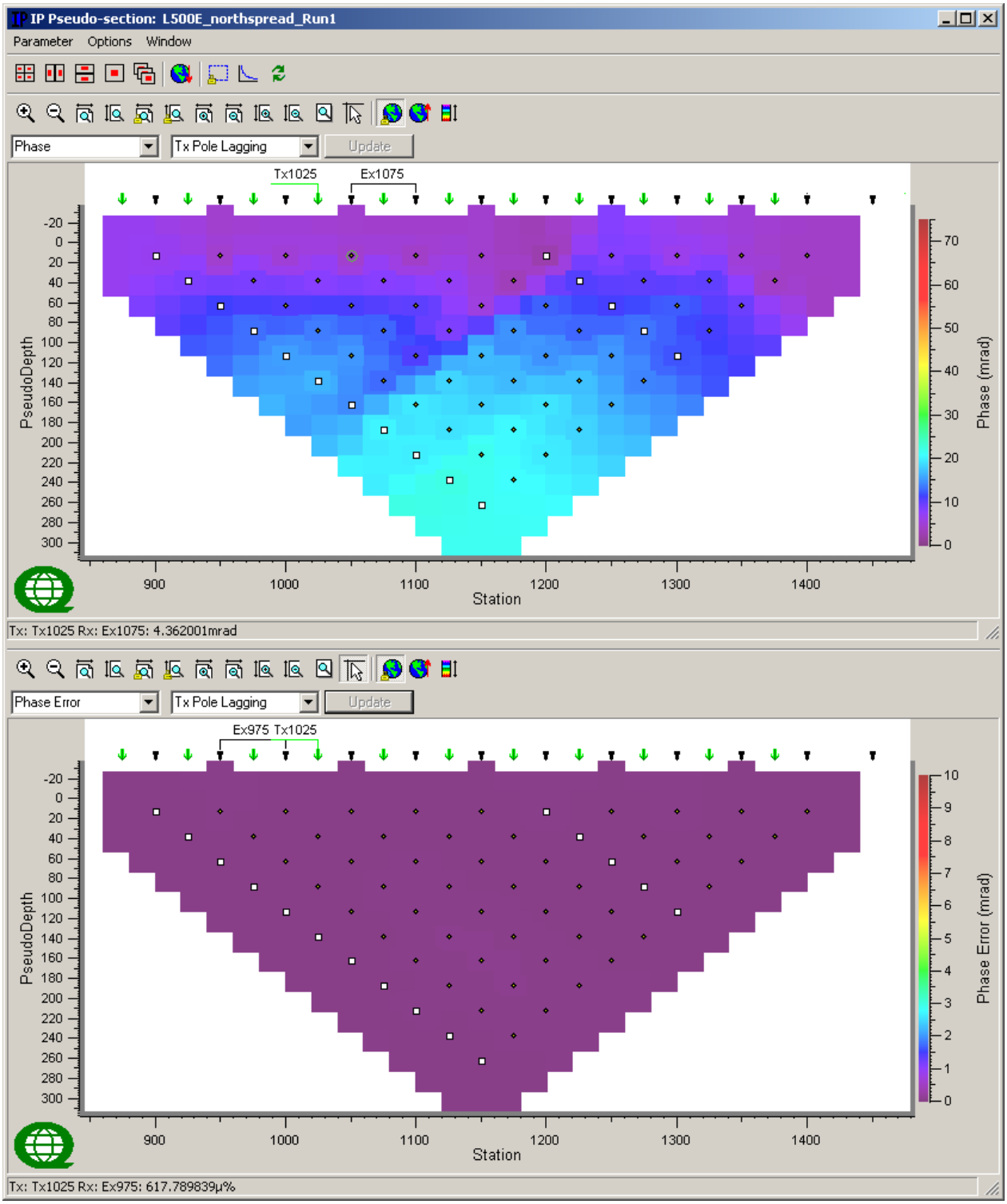
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 500E_NORTH SPREAD

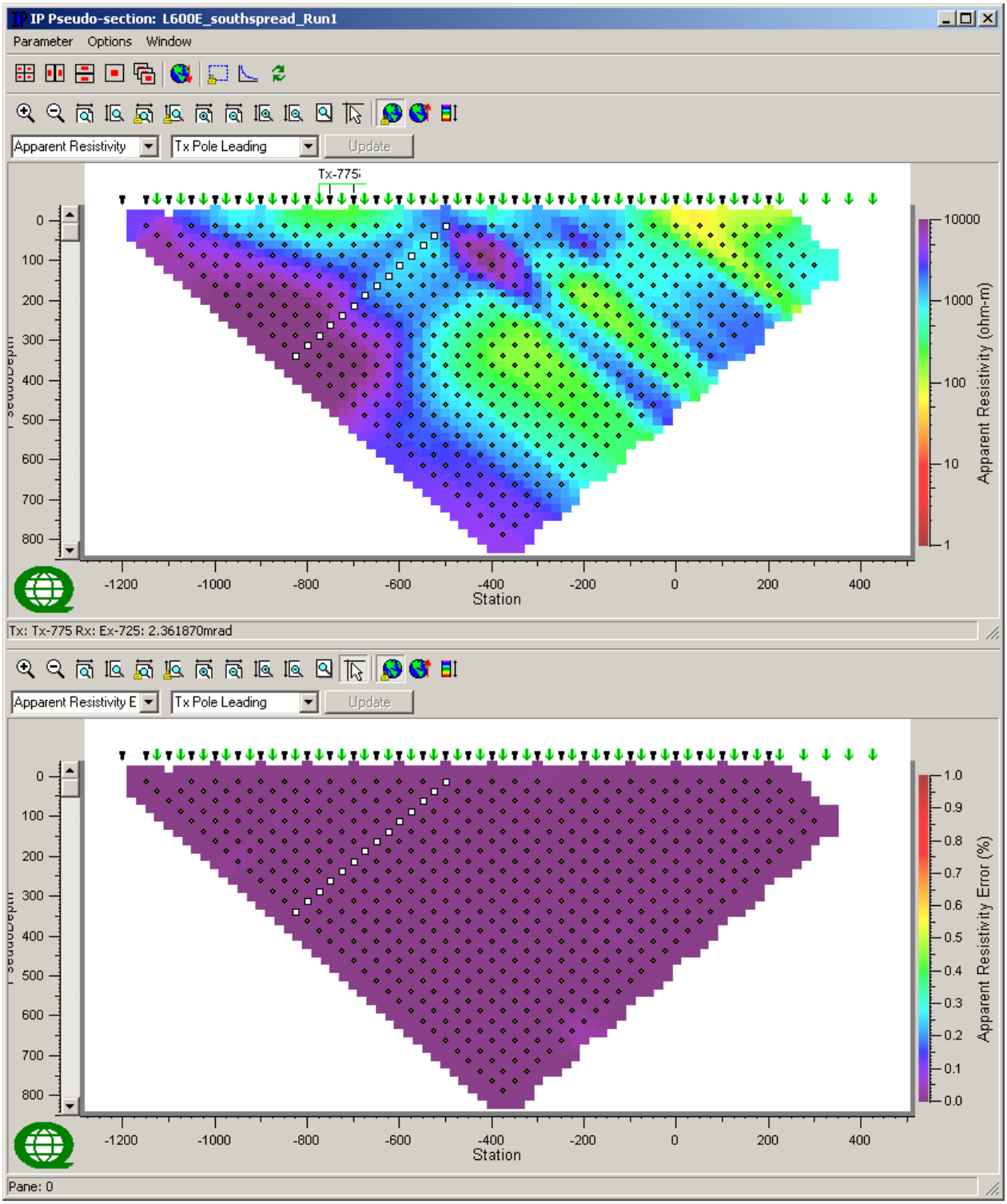
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 600E SOUTH SPREAD

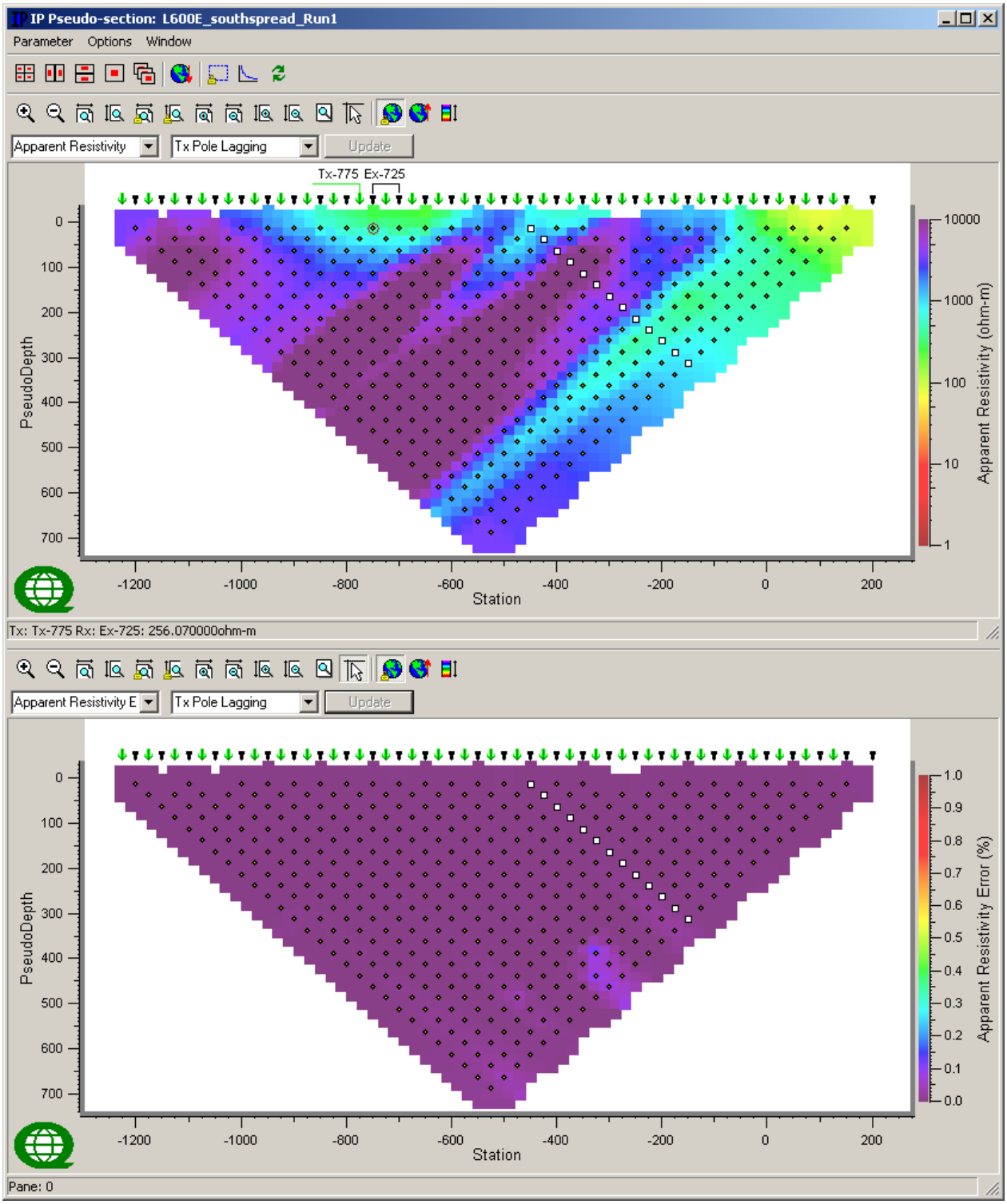
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

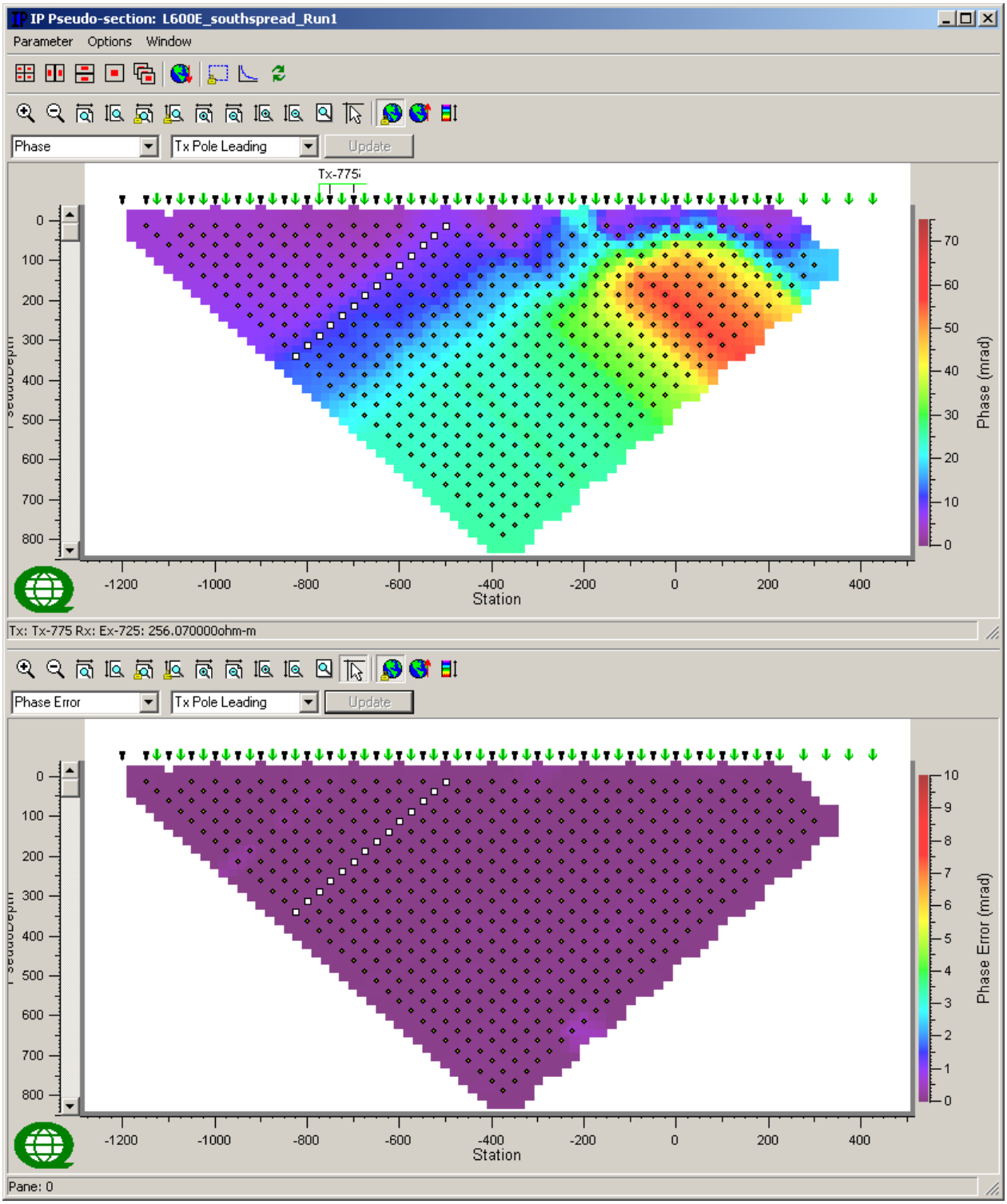
LINE 600E SOUTH SPREAD

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 600E_SOUTH SPREAD

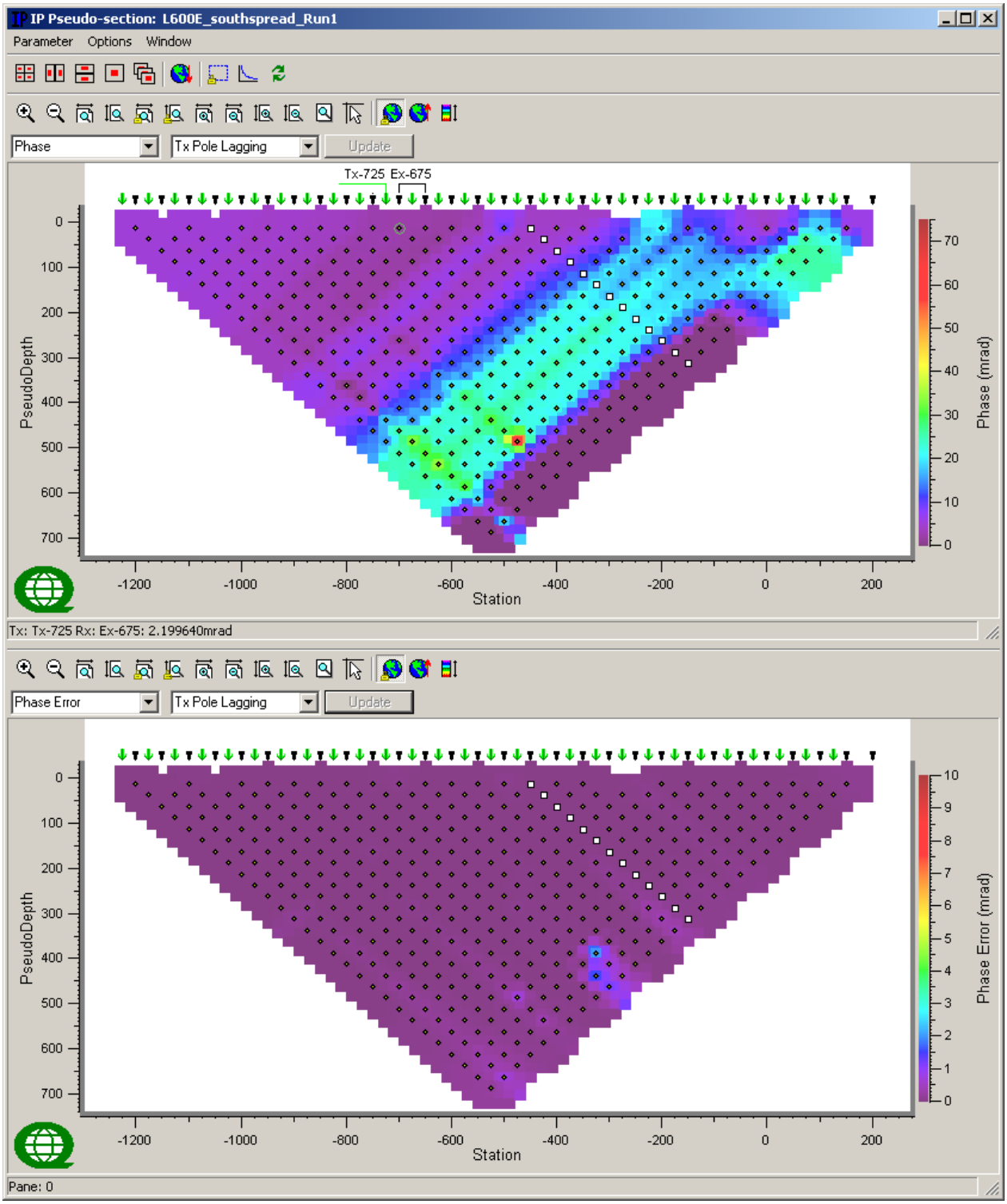
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 600E SOUTH SPREAD

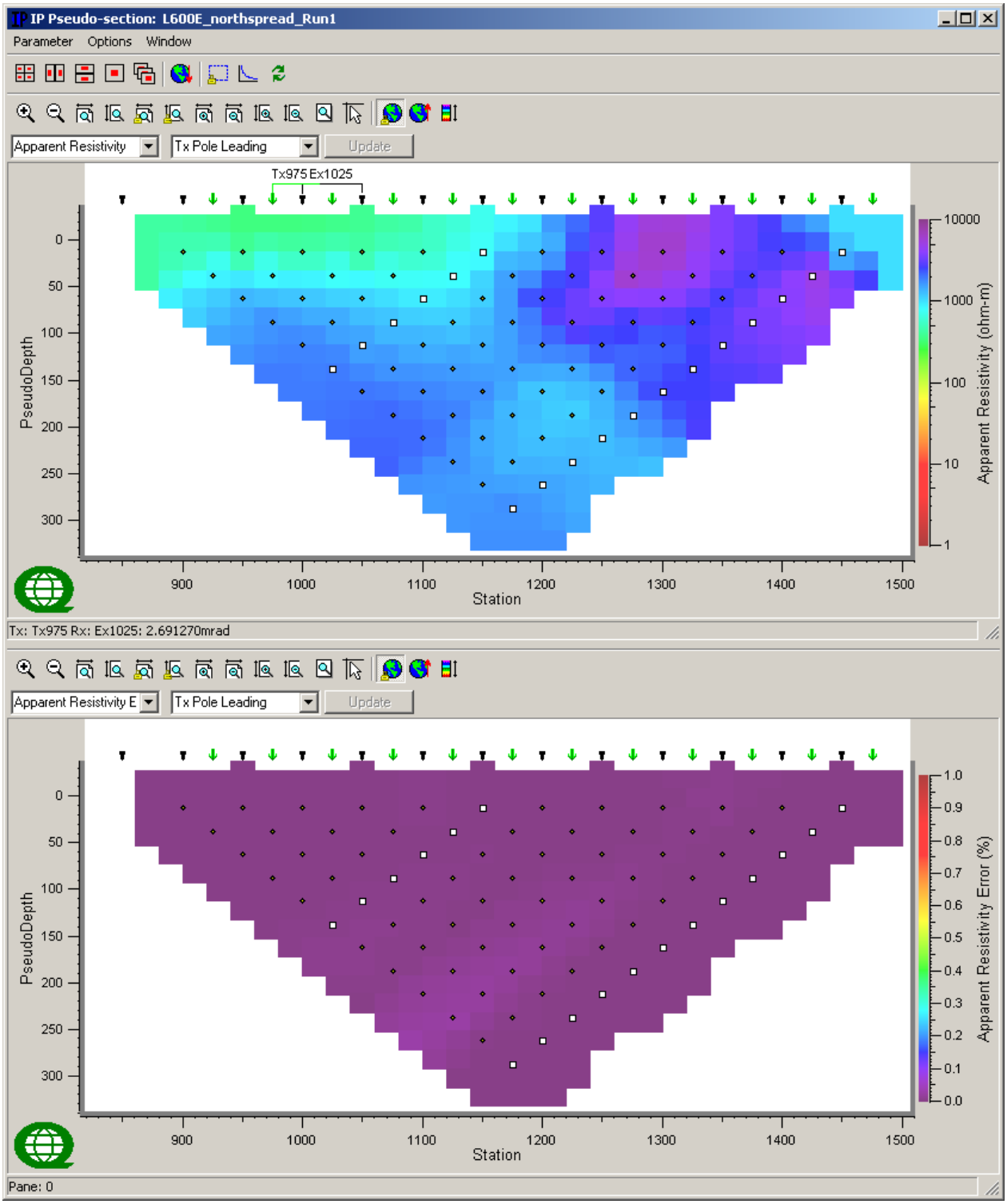
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

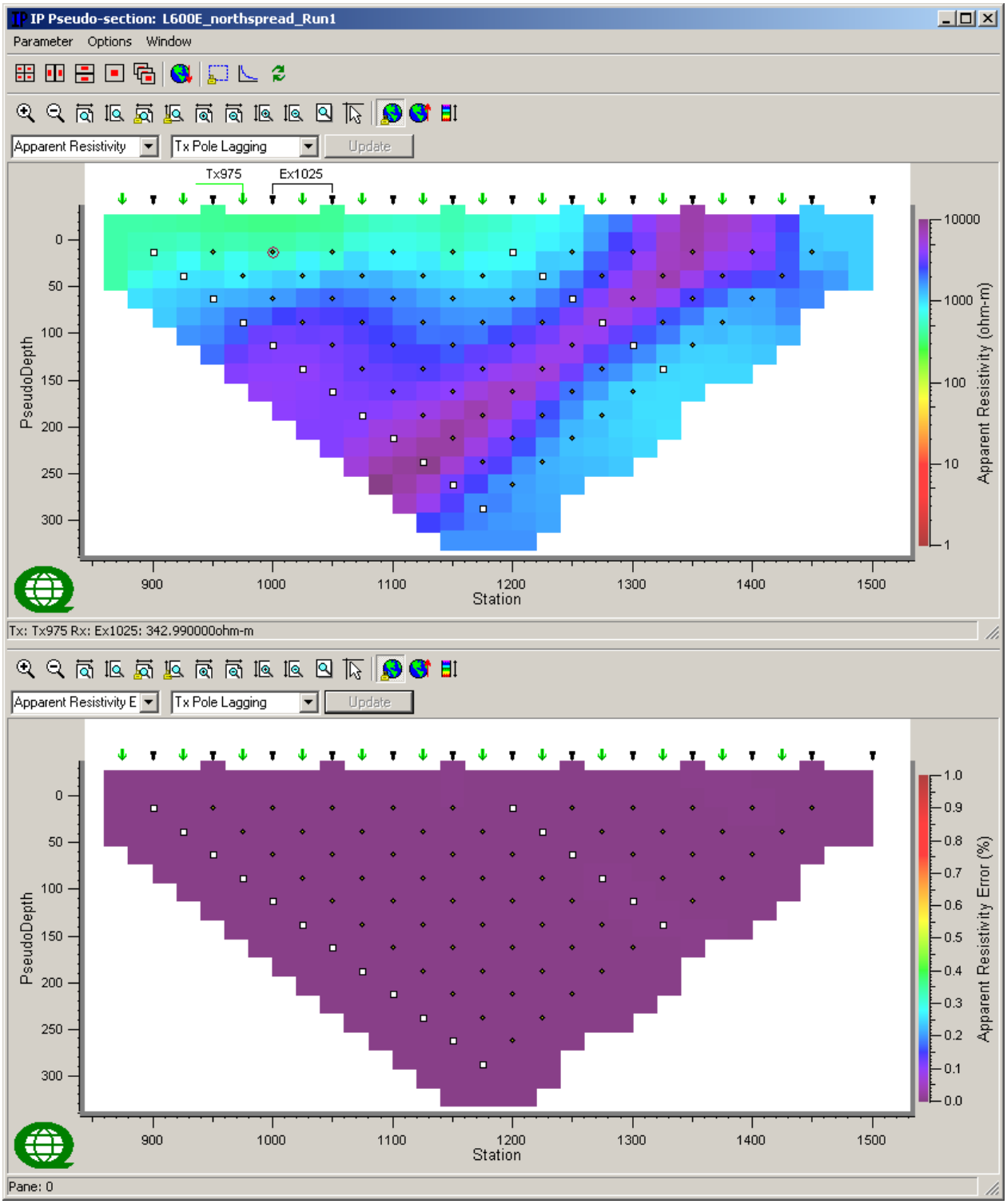
LINE 600E_NORTH SPREAD

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



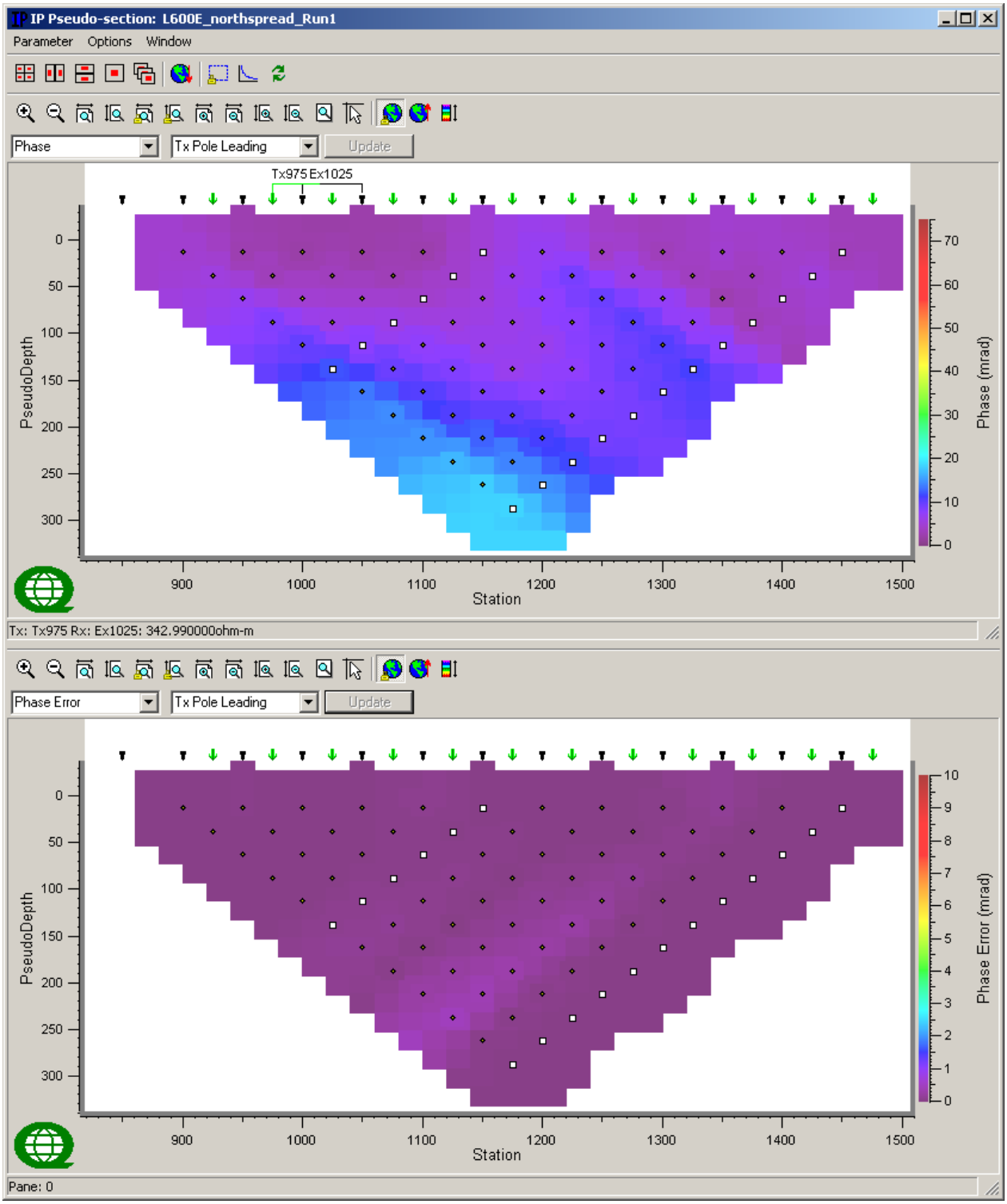
LINE 600E_NORTH SPREAD

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



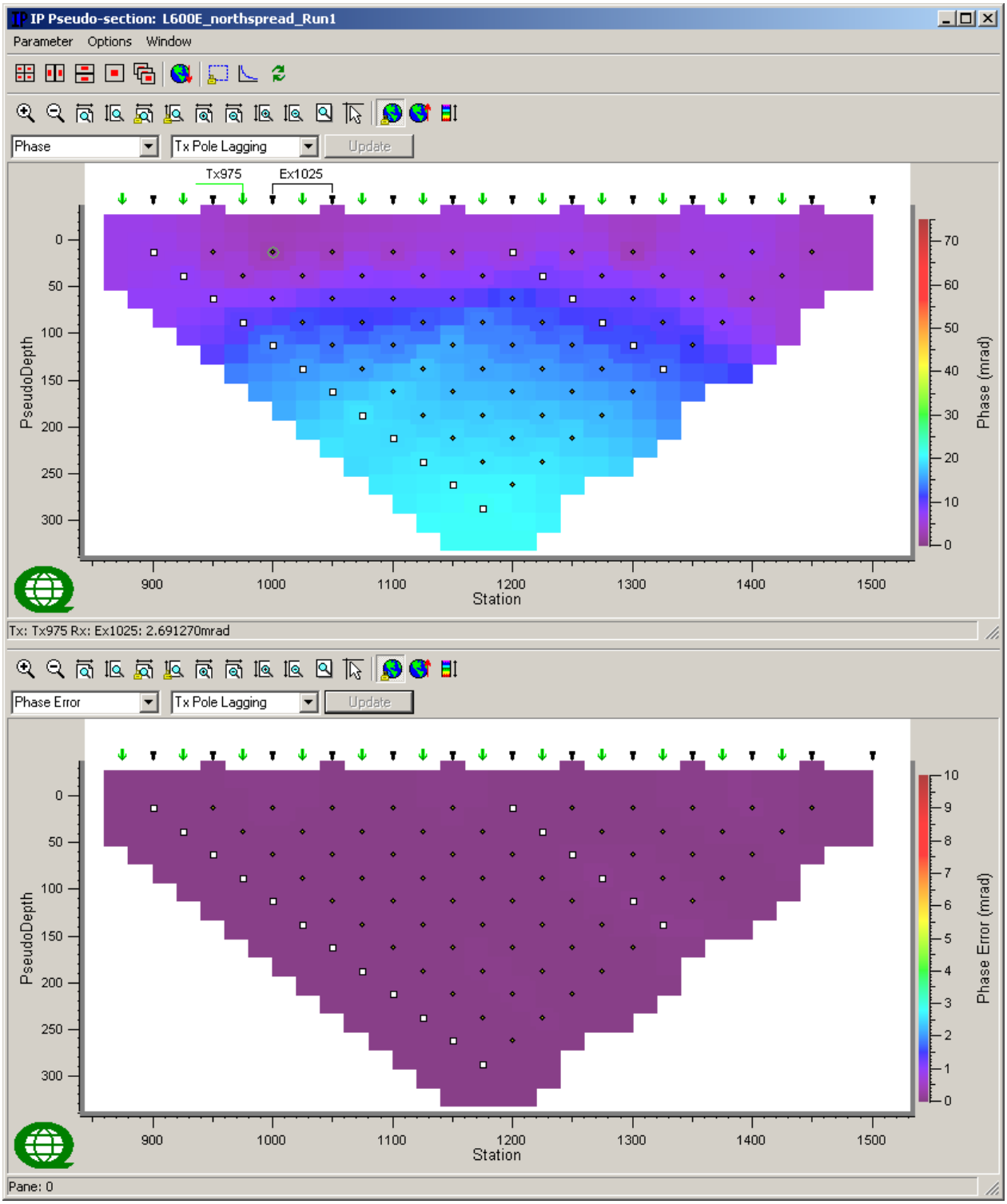
LINE 600E_NORTH SPREAD

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



LINE 600E_NORTH SPREAD

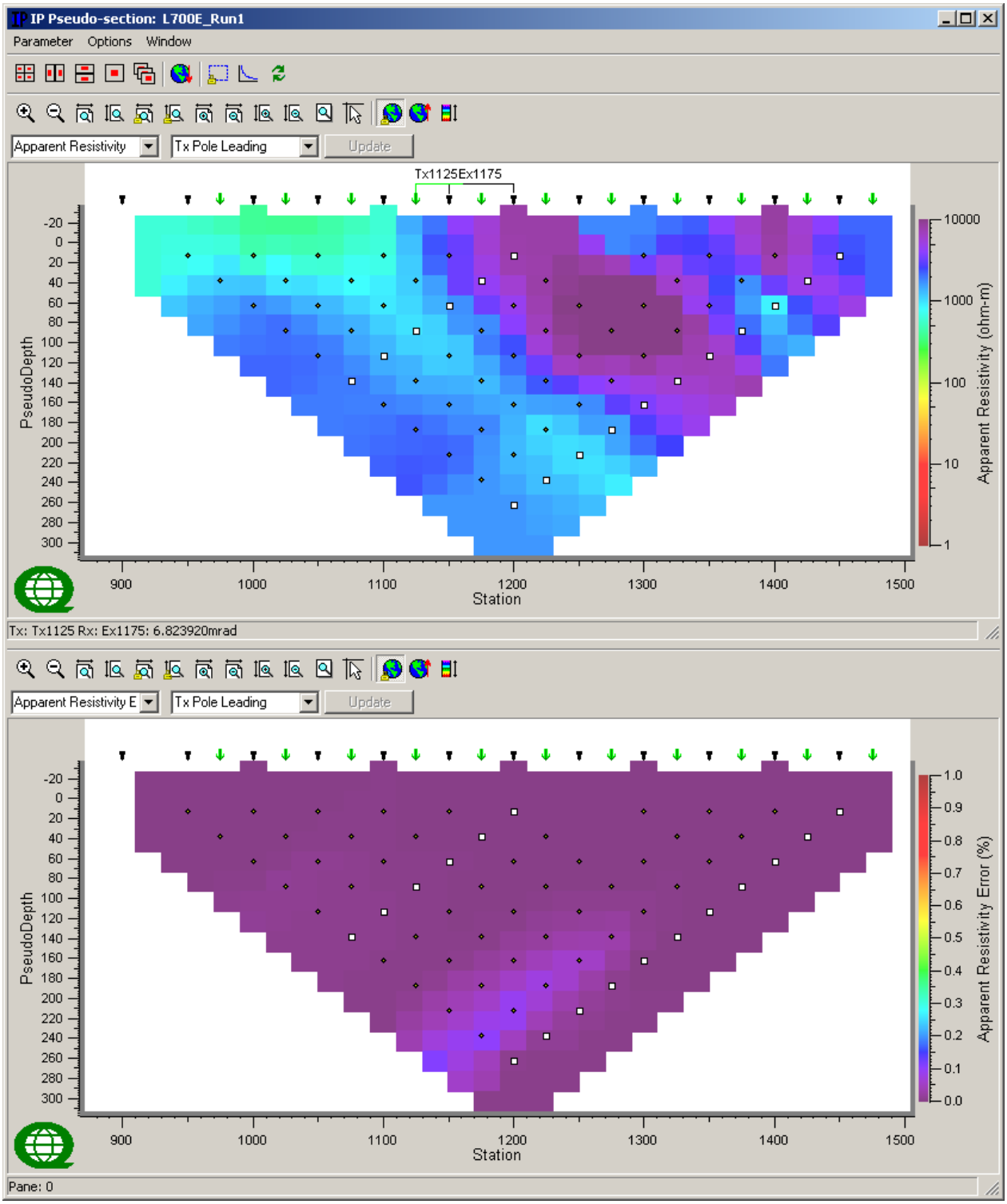
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

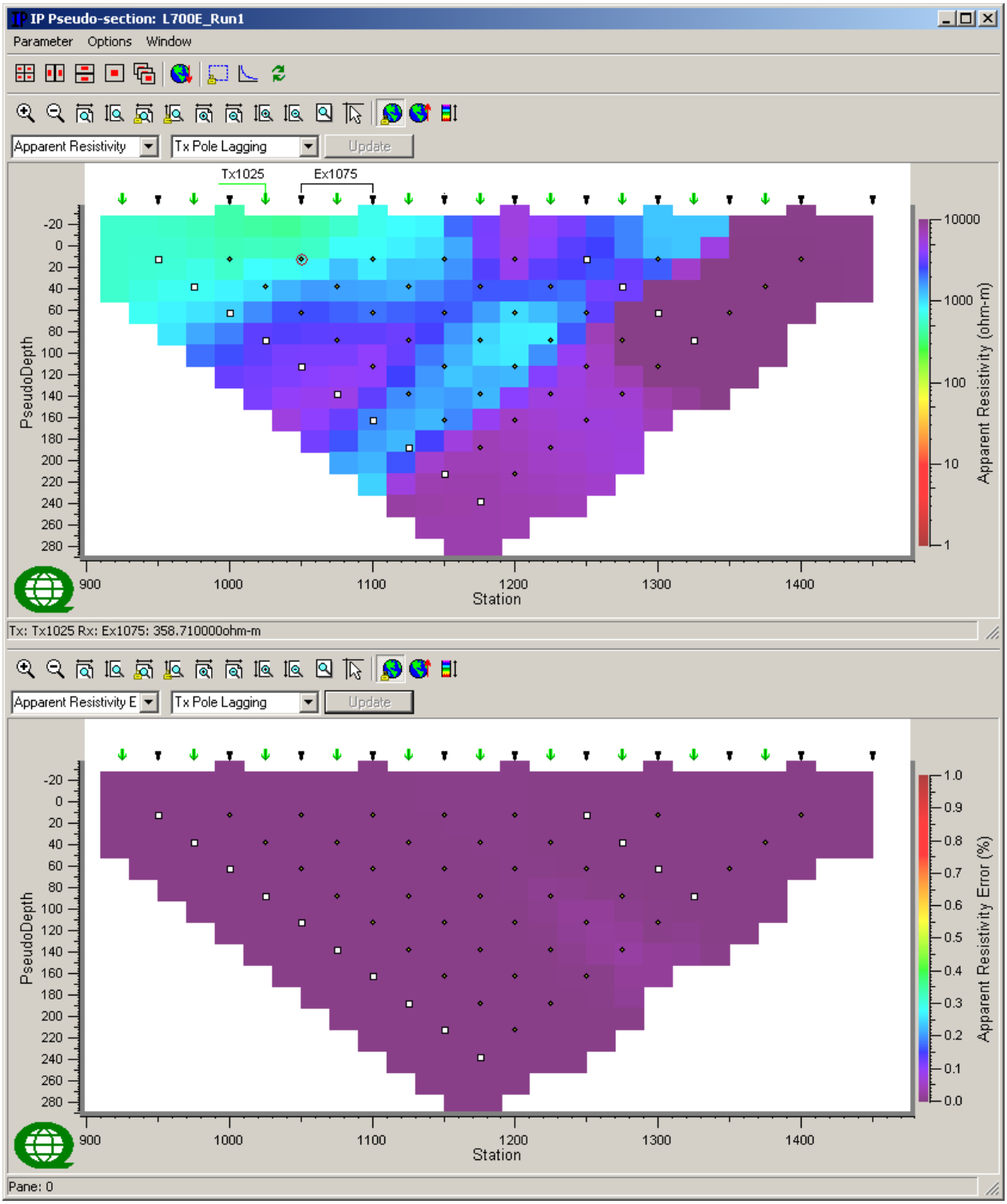
LINE 700E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



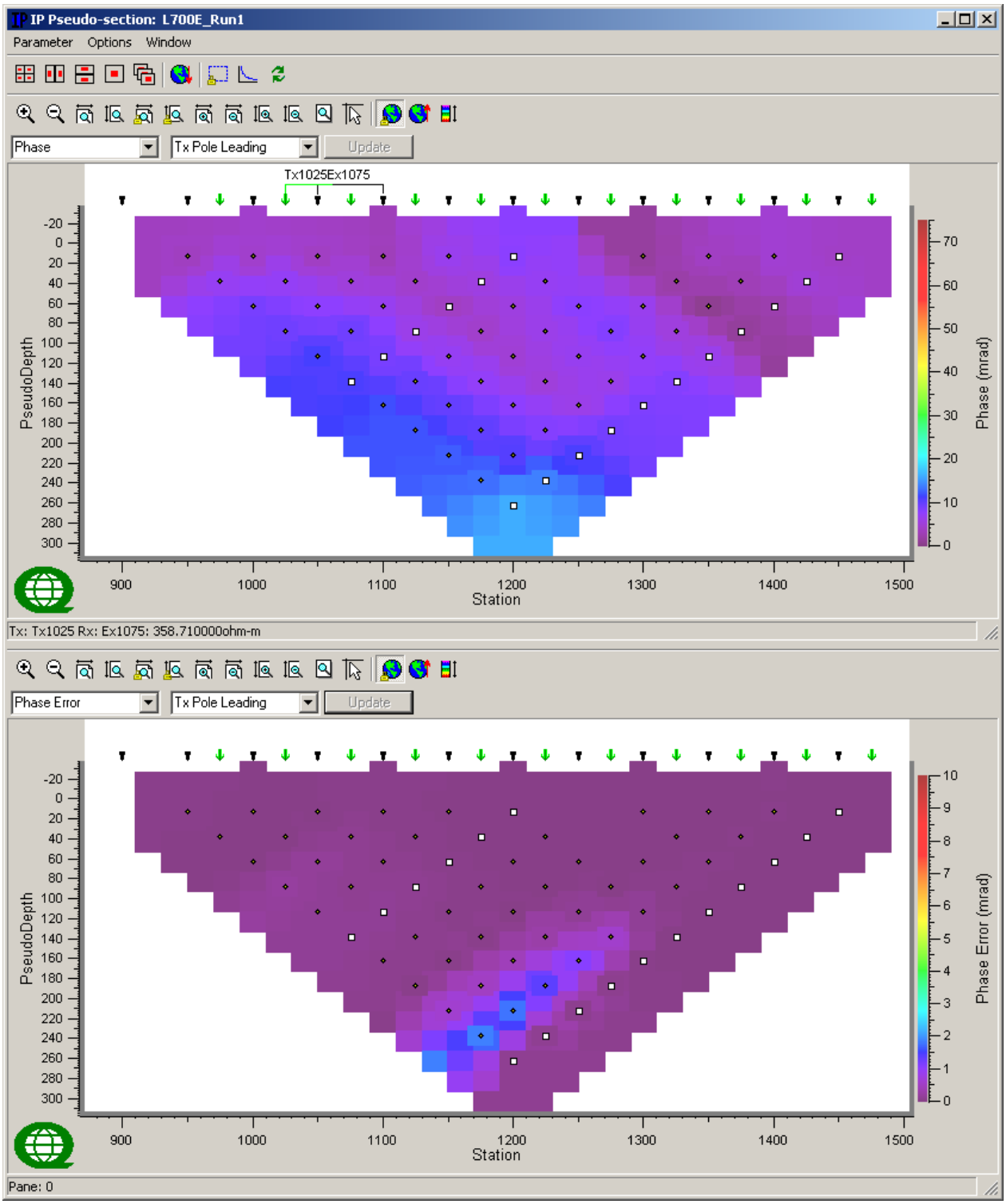
LINE 700E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 700E

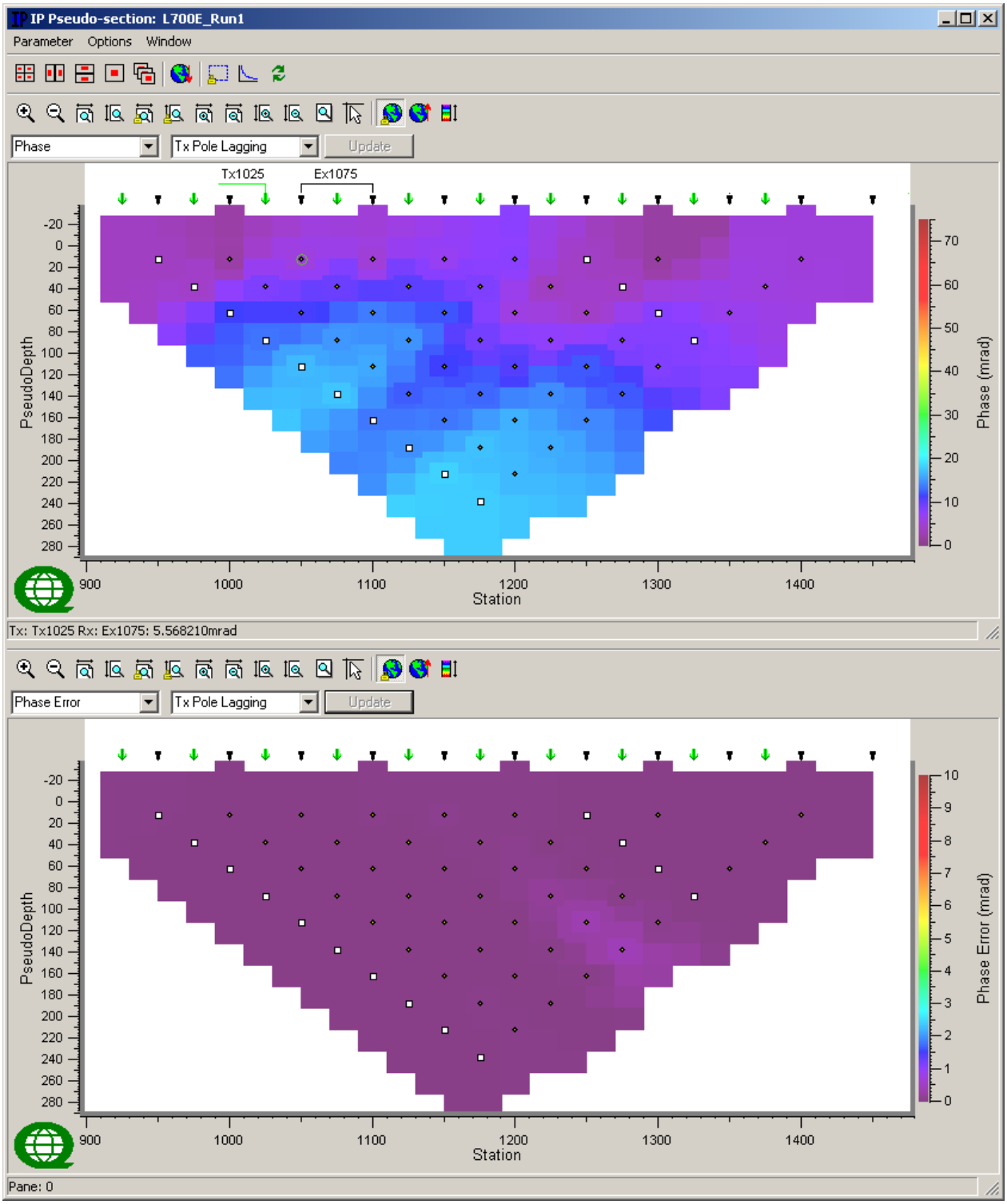
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

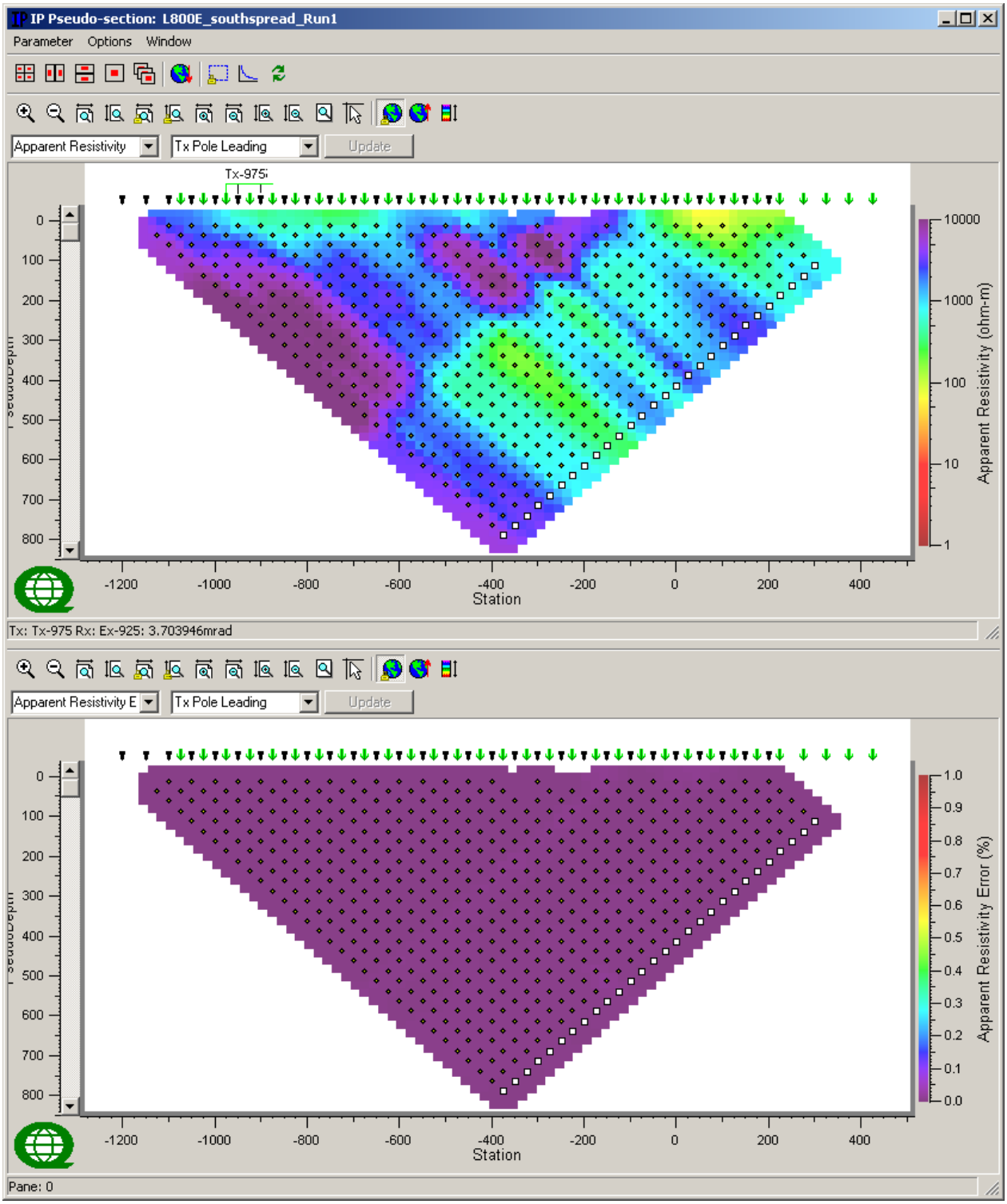
LINE 700E

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



LINE 800E SOUTH SPREAD

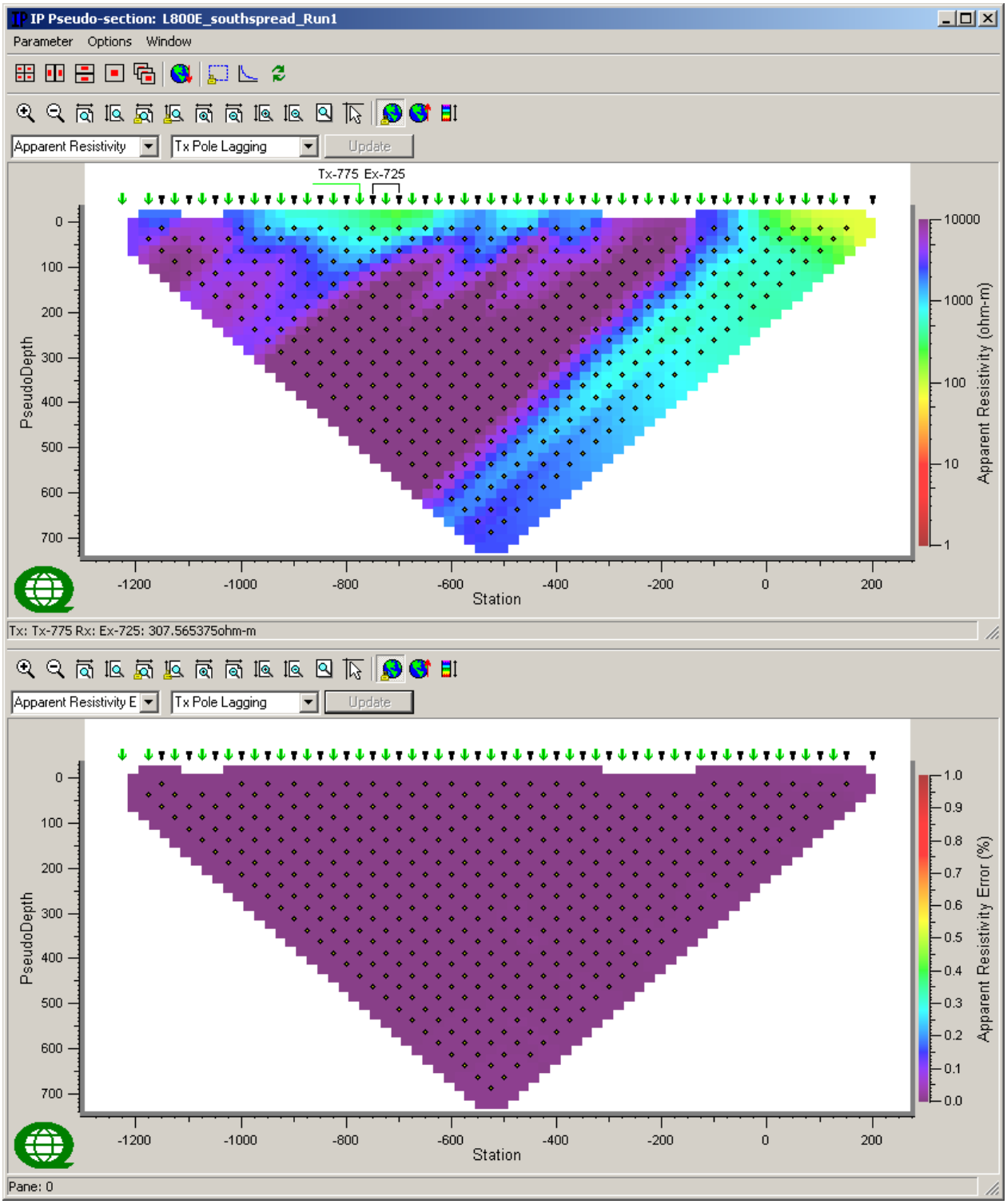
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

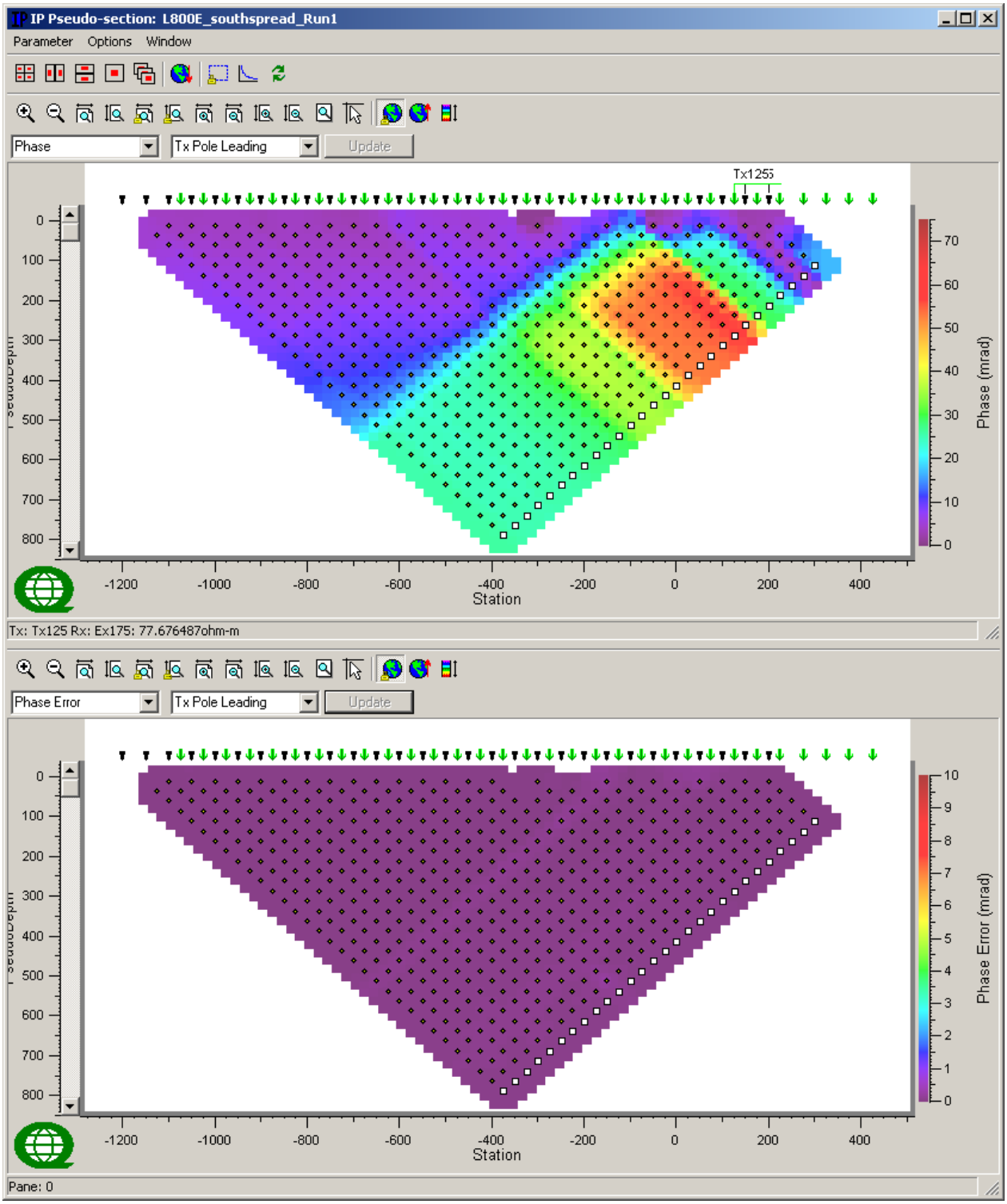
LINE 800E SOUTH SPREAD

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



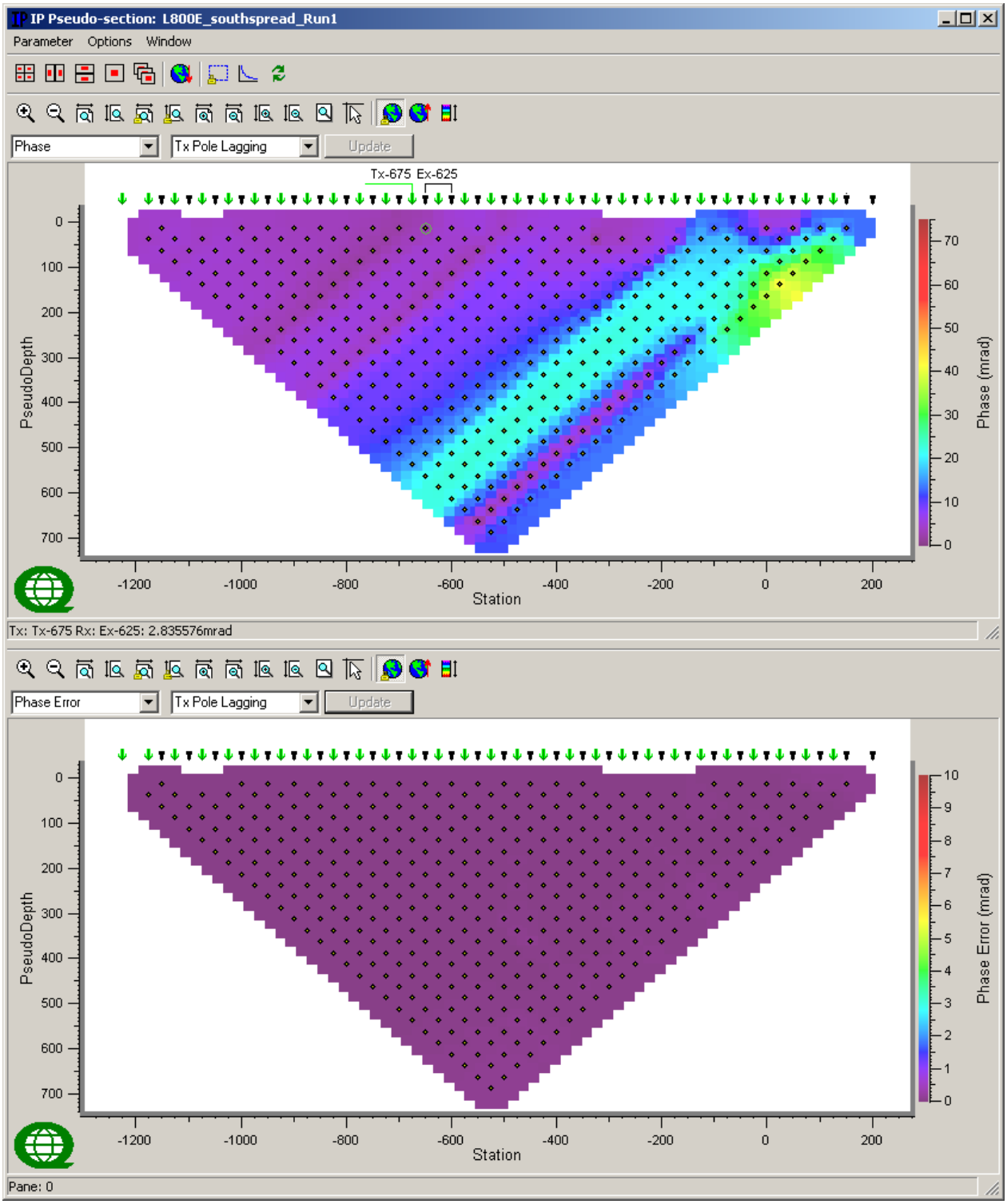
LINE 800E SOUTH SPREAD

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



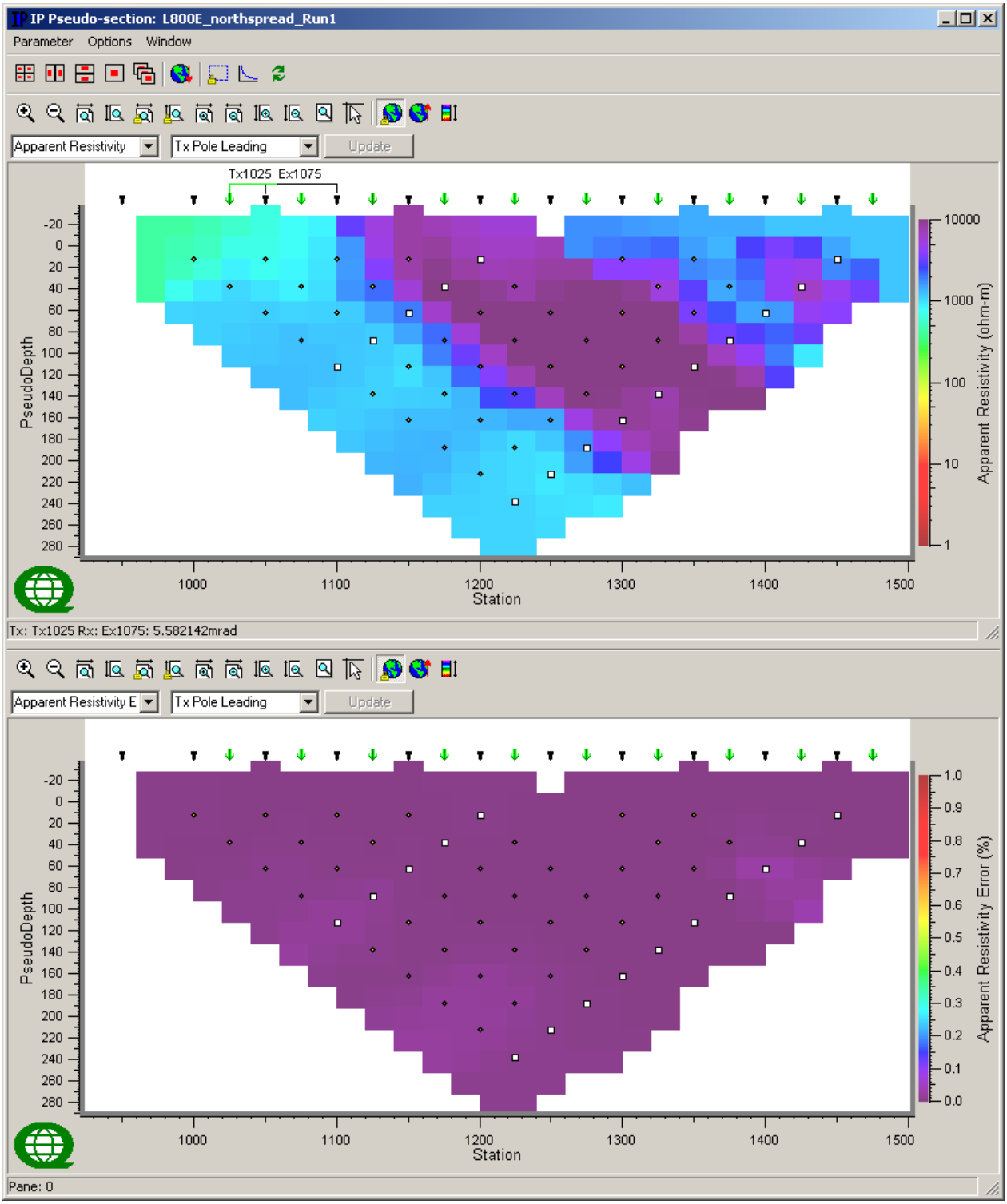
LINE 800E SOUTH SPREAD

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



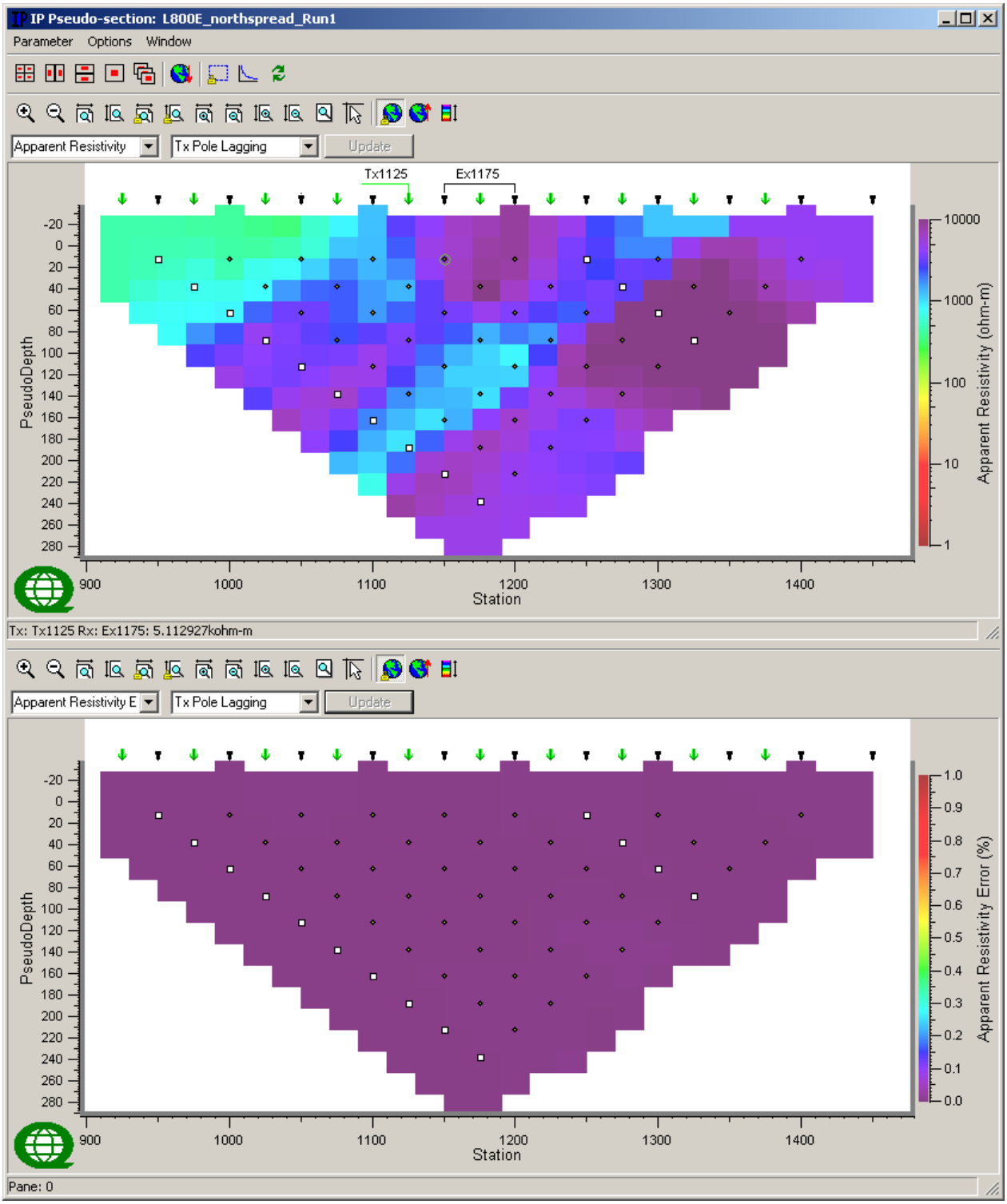
LINE 800E_NORTH SPREAD

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



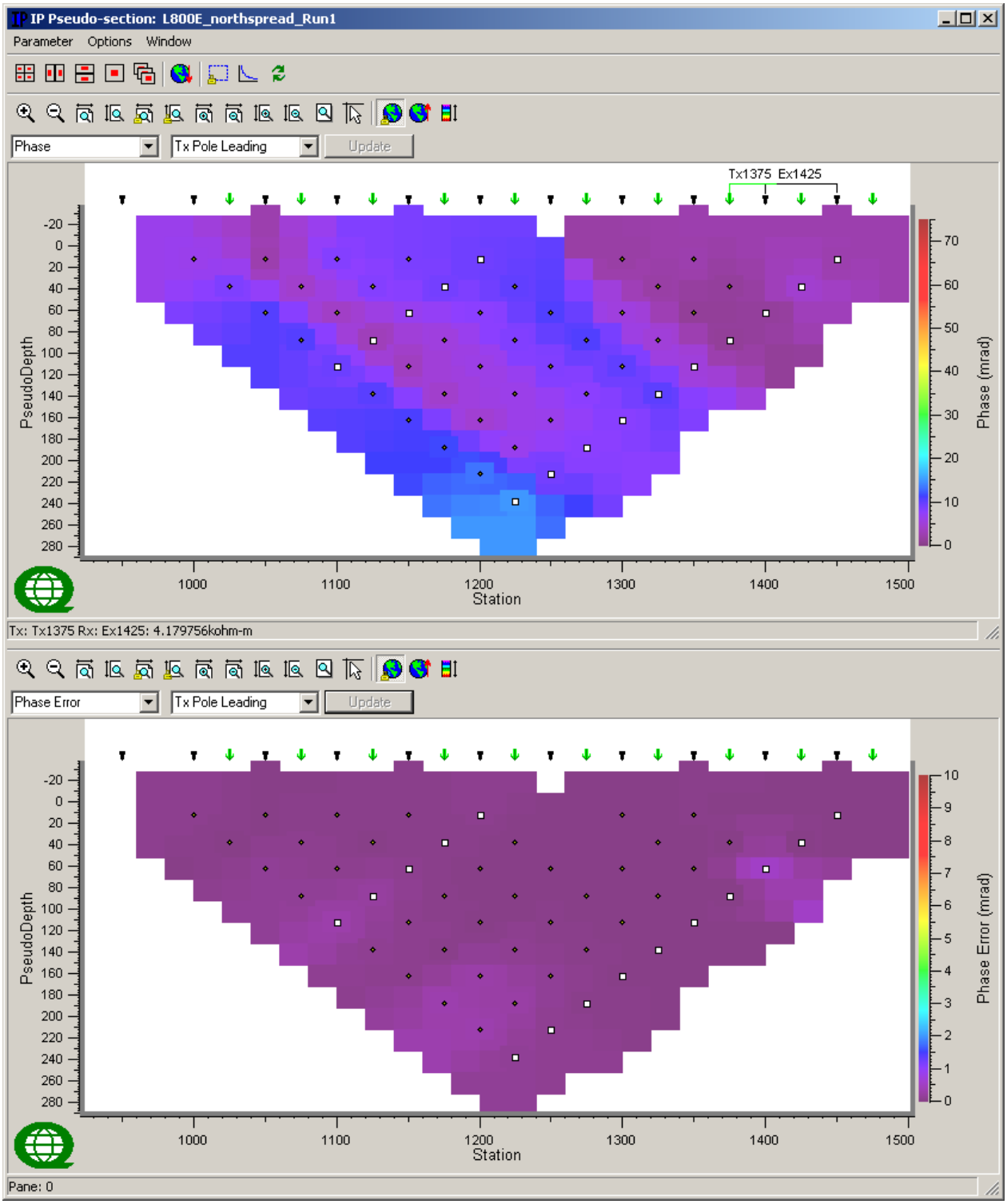
LINE 800E_NORTH SPREAD

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 800E_NORTH SPREAD

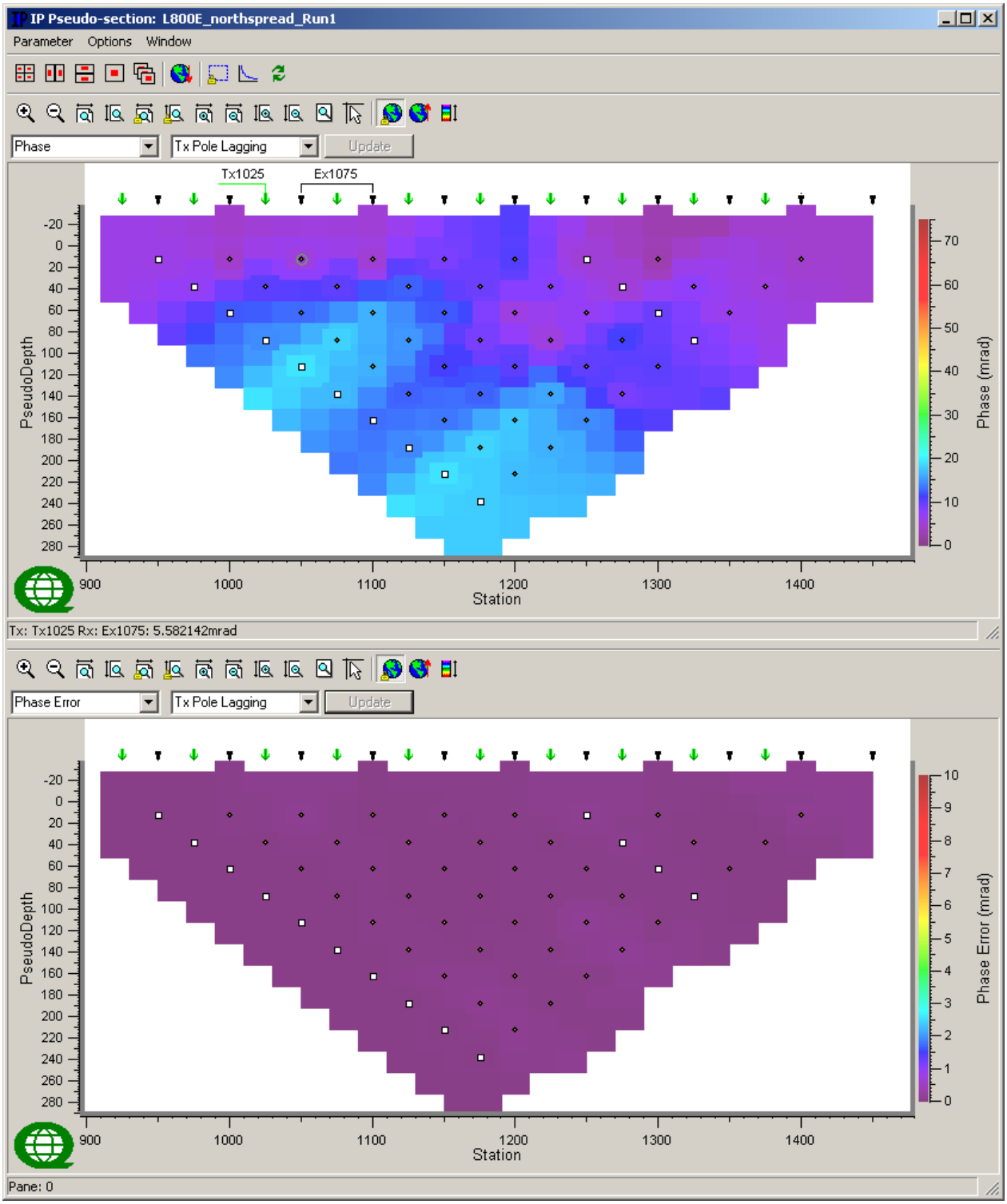
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

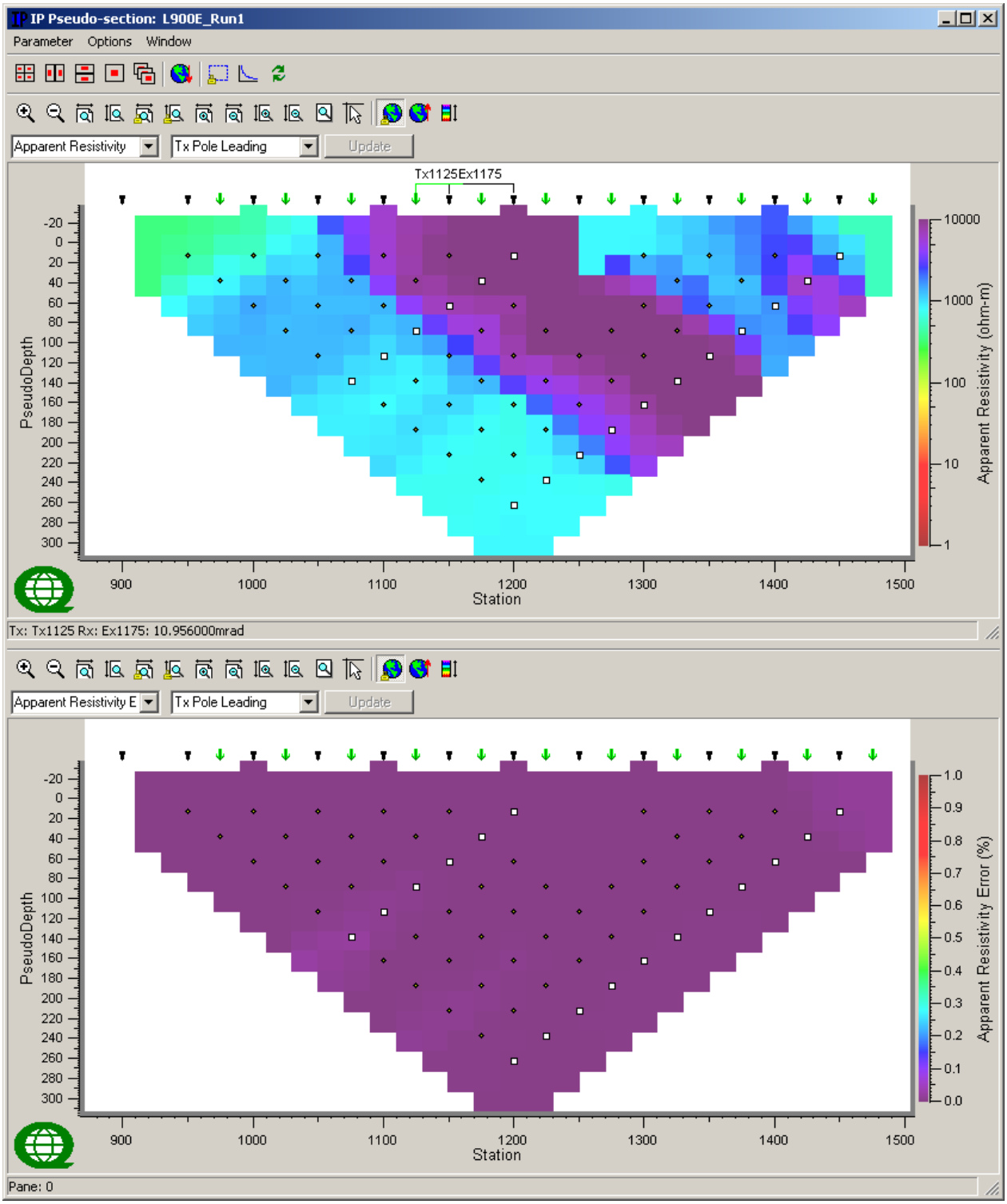
LINE 800E_NORTH SPREAD

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



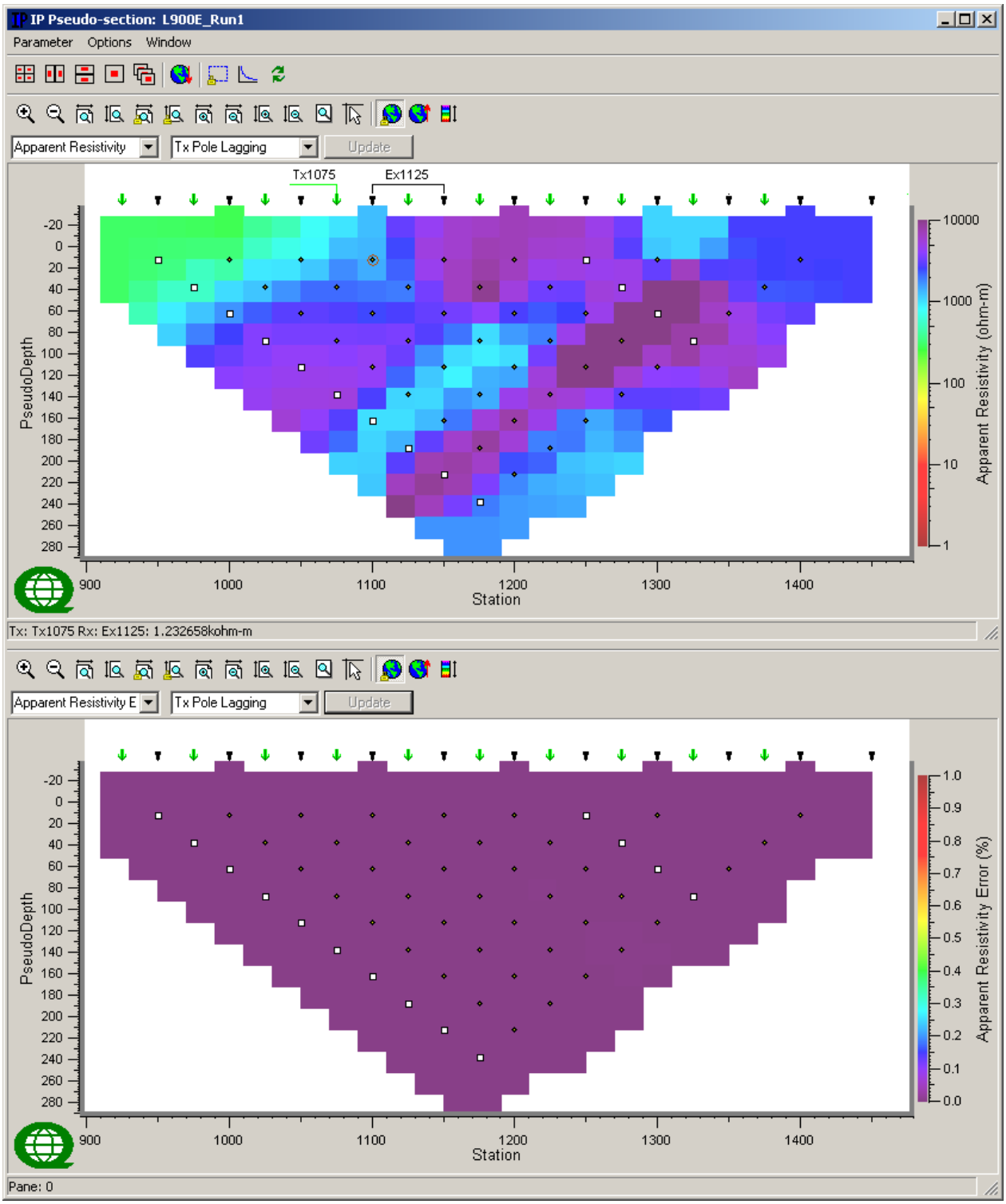
LINE 900E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



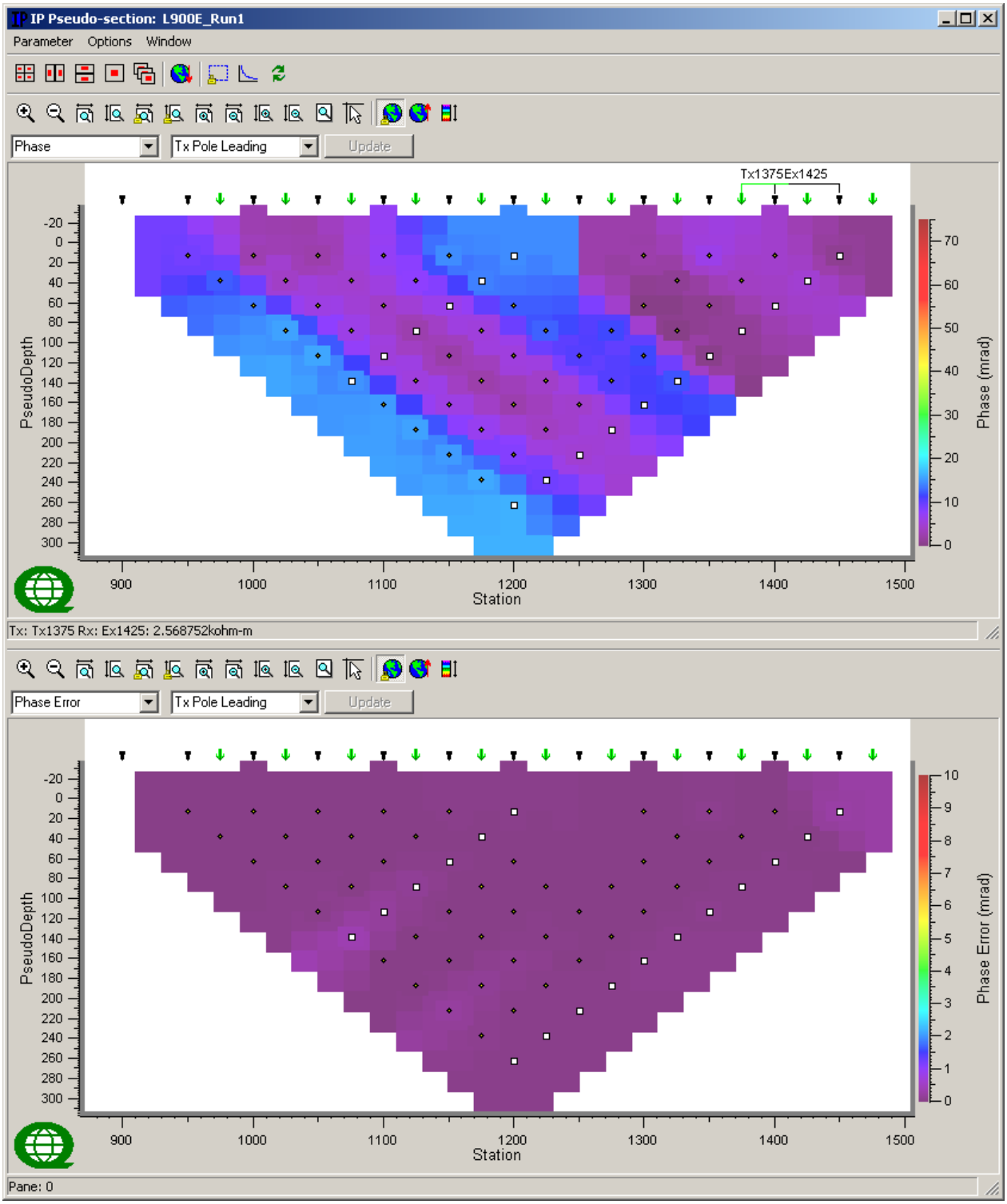
LINE 900E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



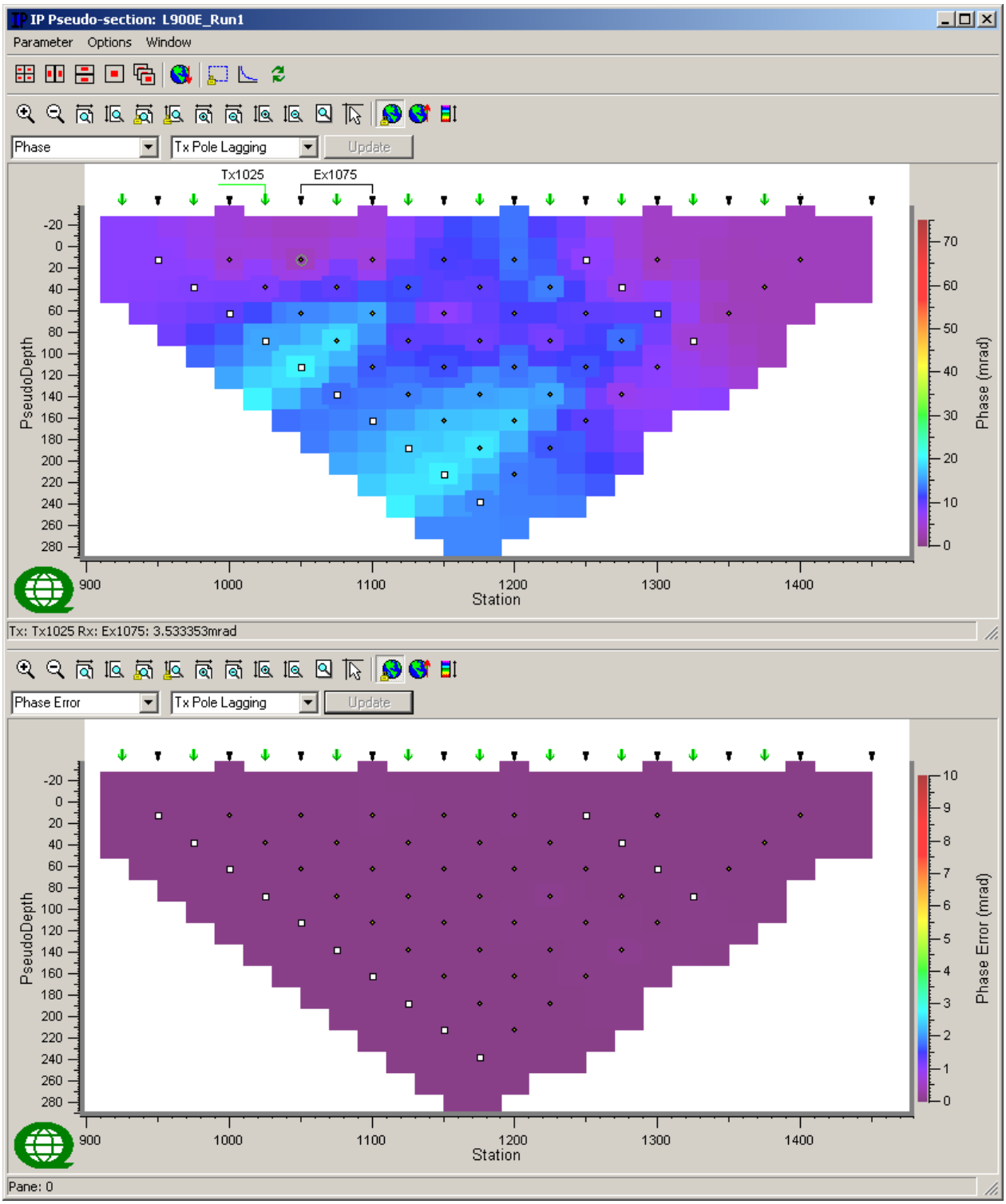
LINE 900E

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



LINE 900E

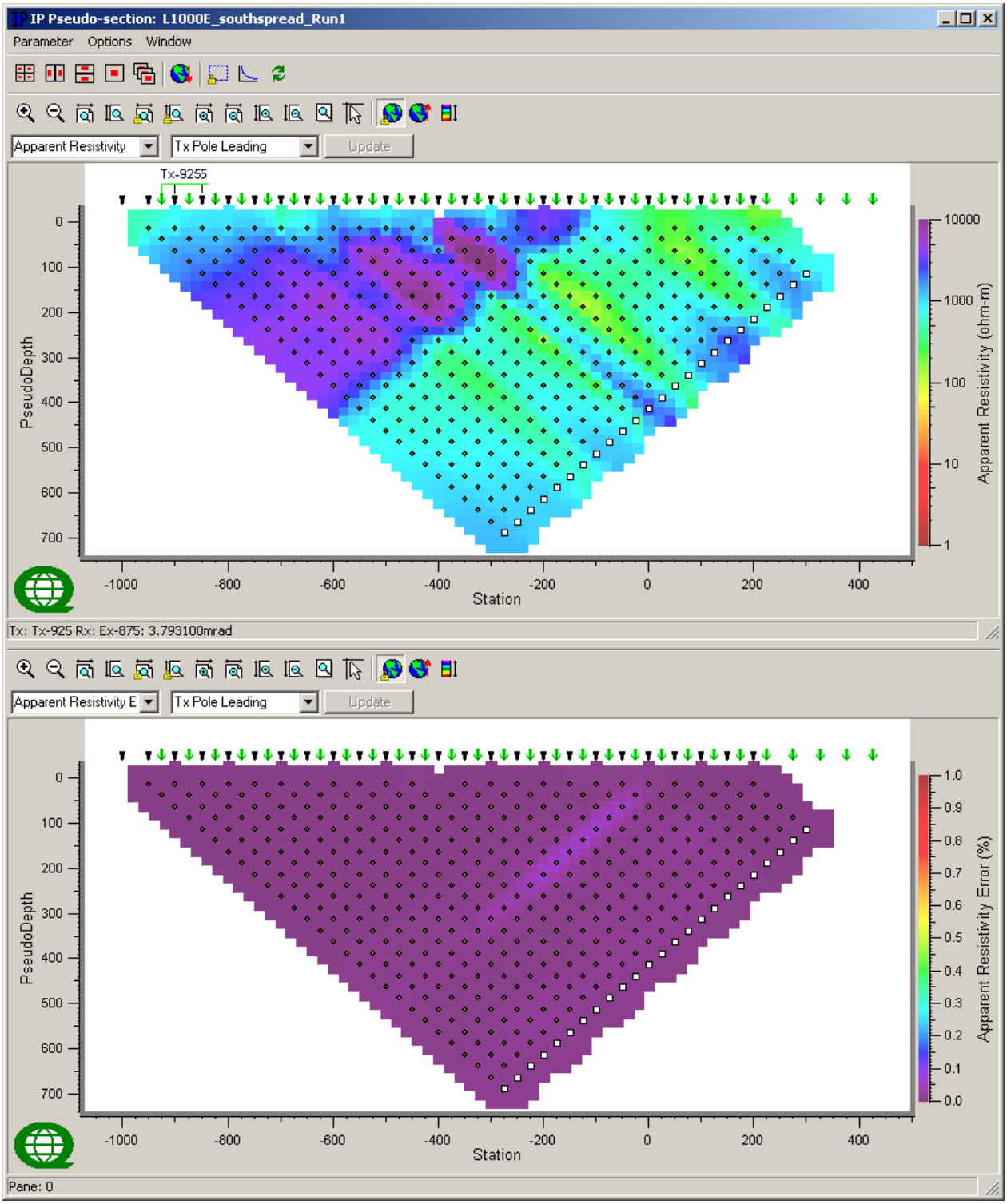
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1000E_SOUTH SPREAD

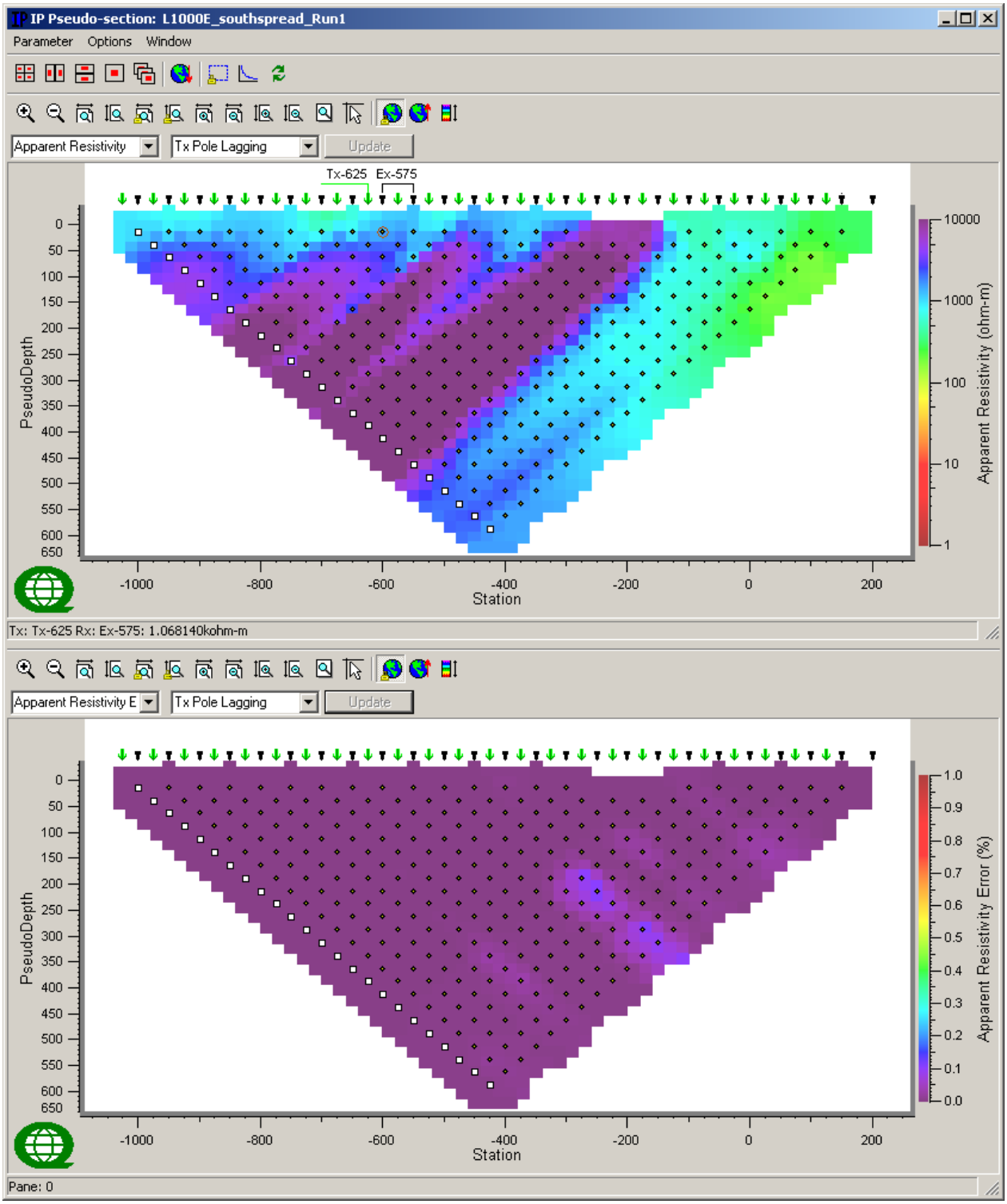
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1000E_SOUTH SPREAD

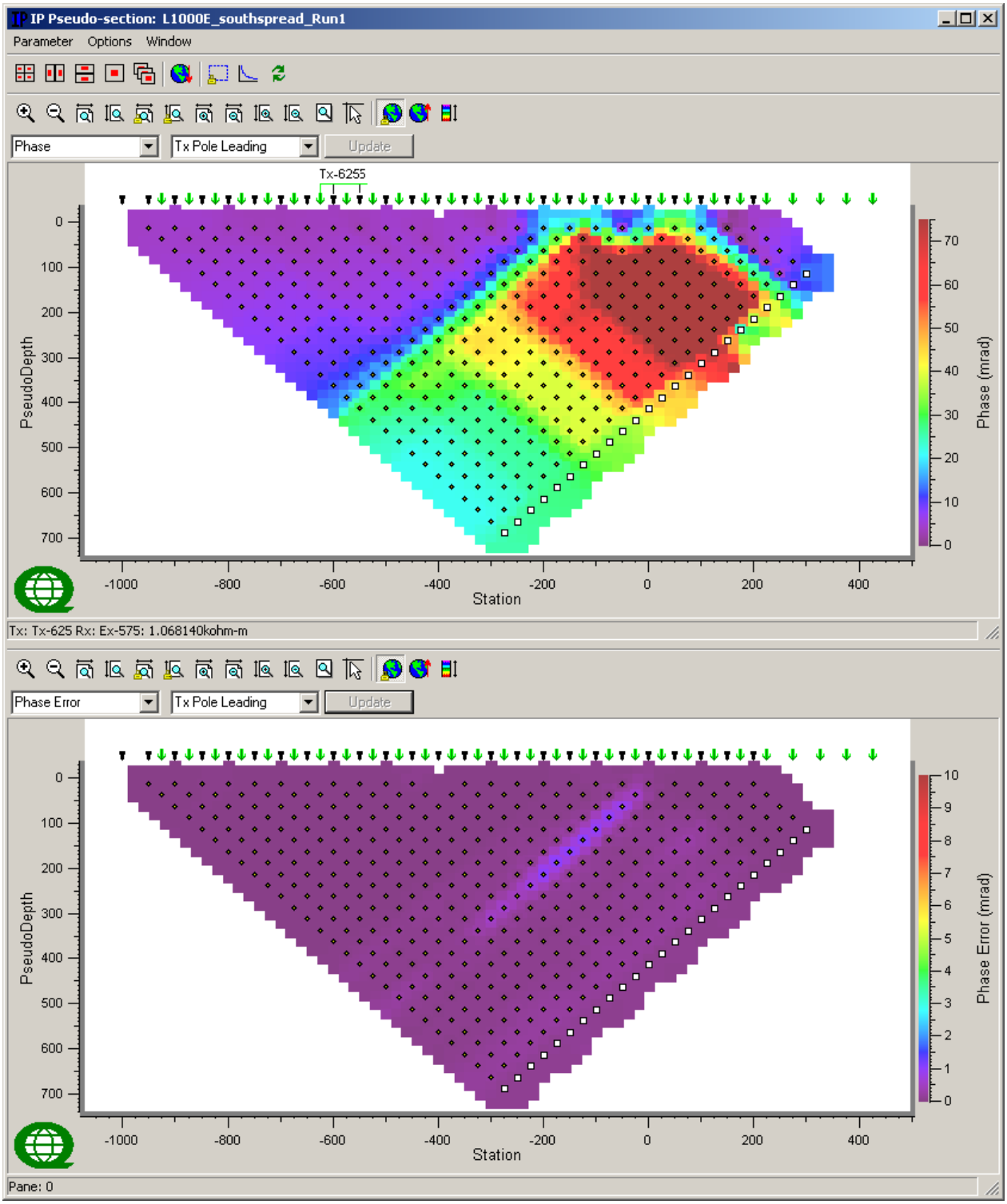
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1000E_SOUTH SPREAD

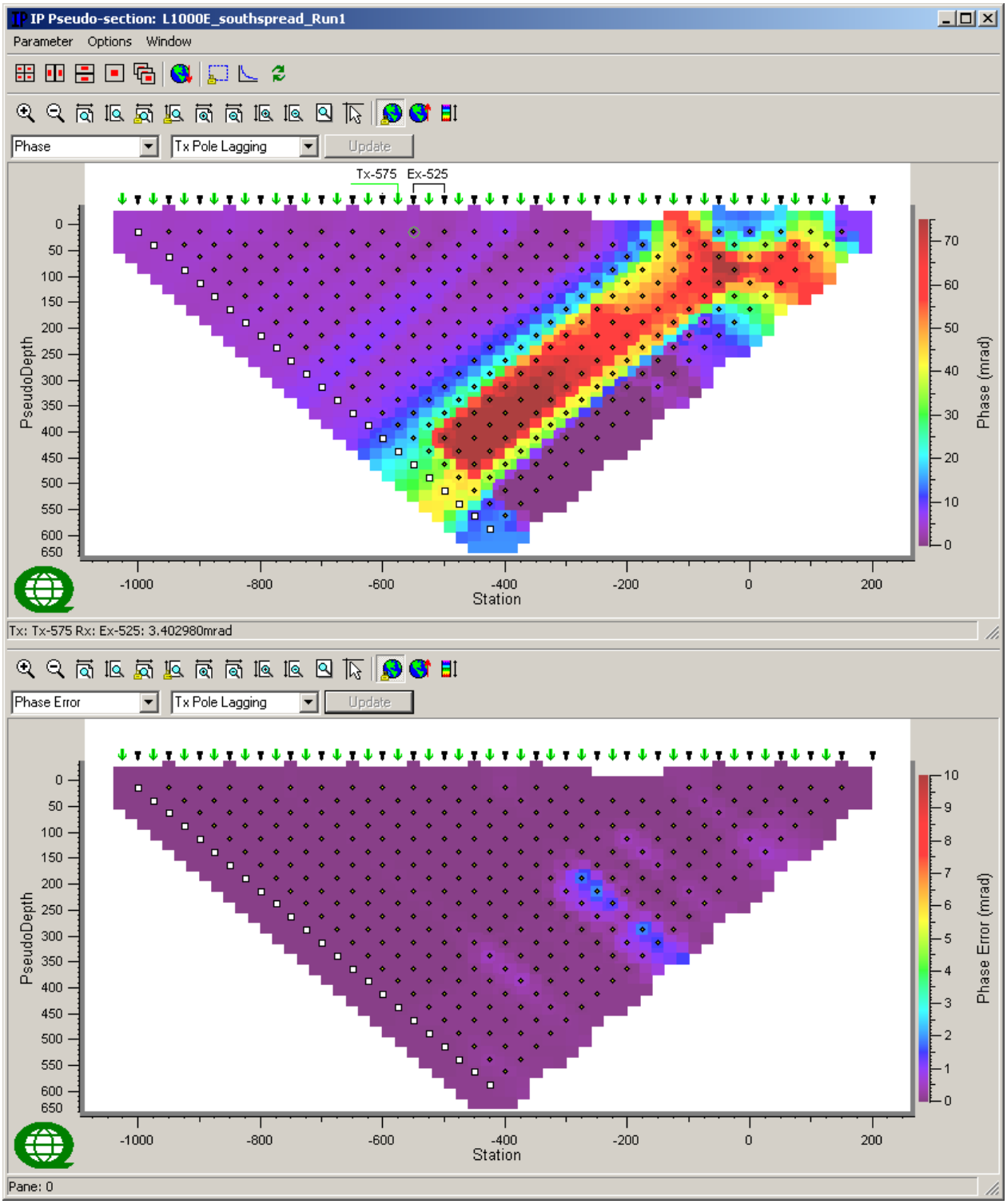
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1000E_SOUTH SPREAD

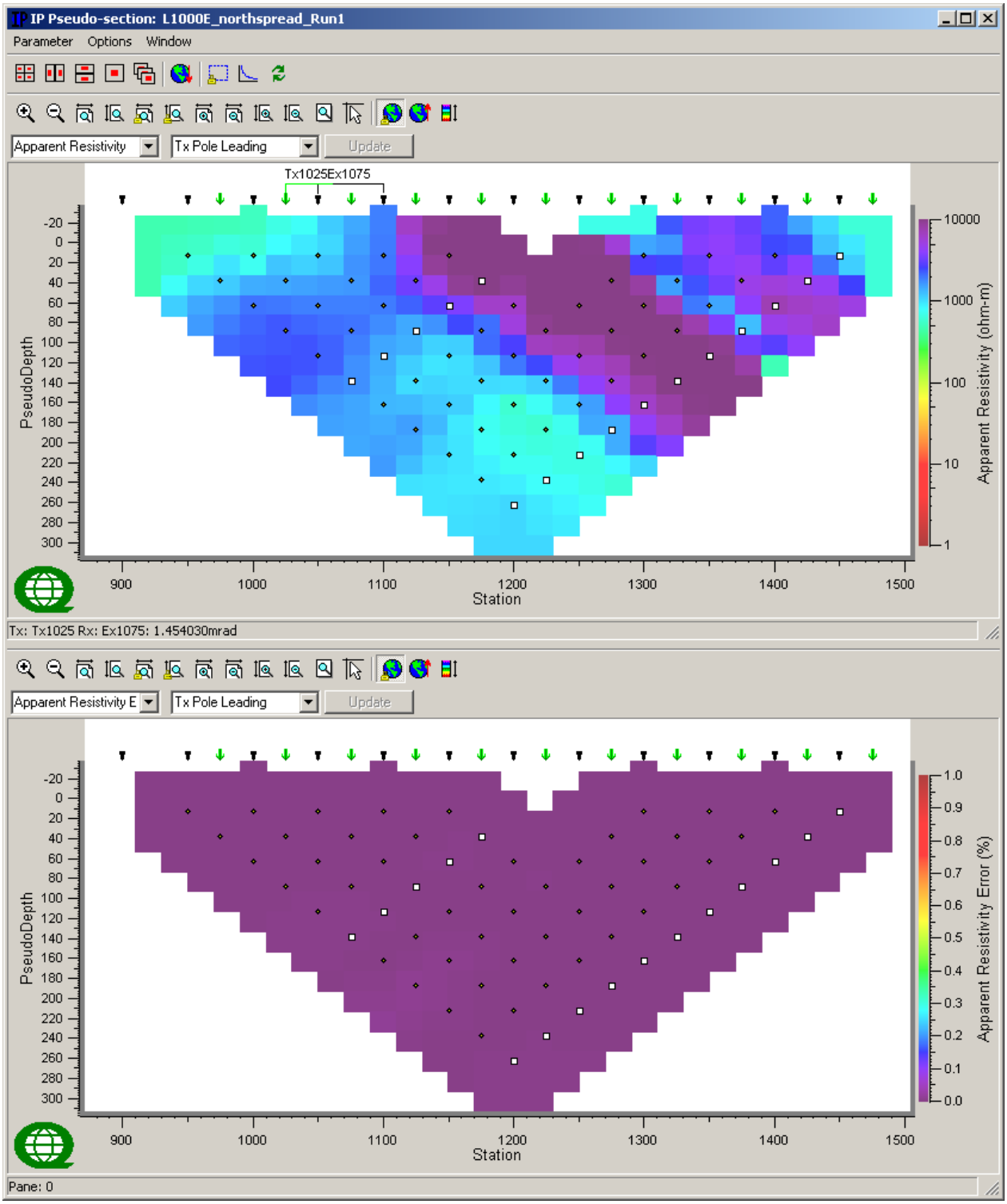
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

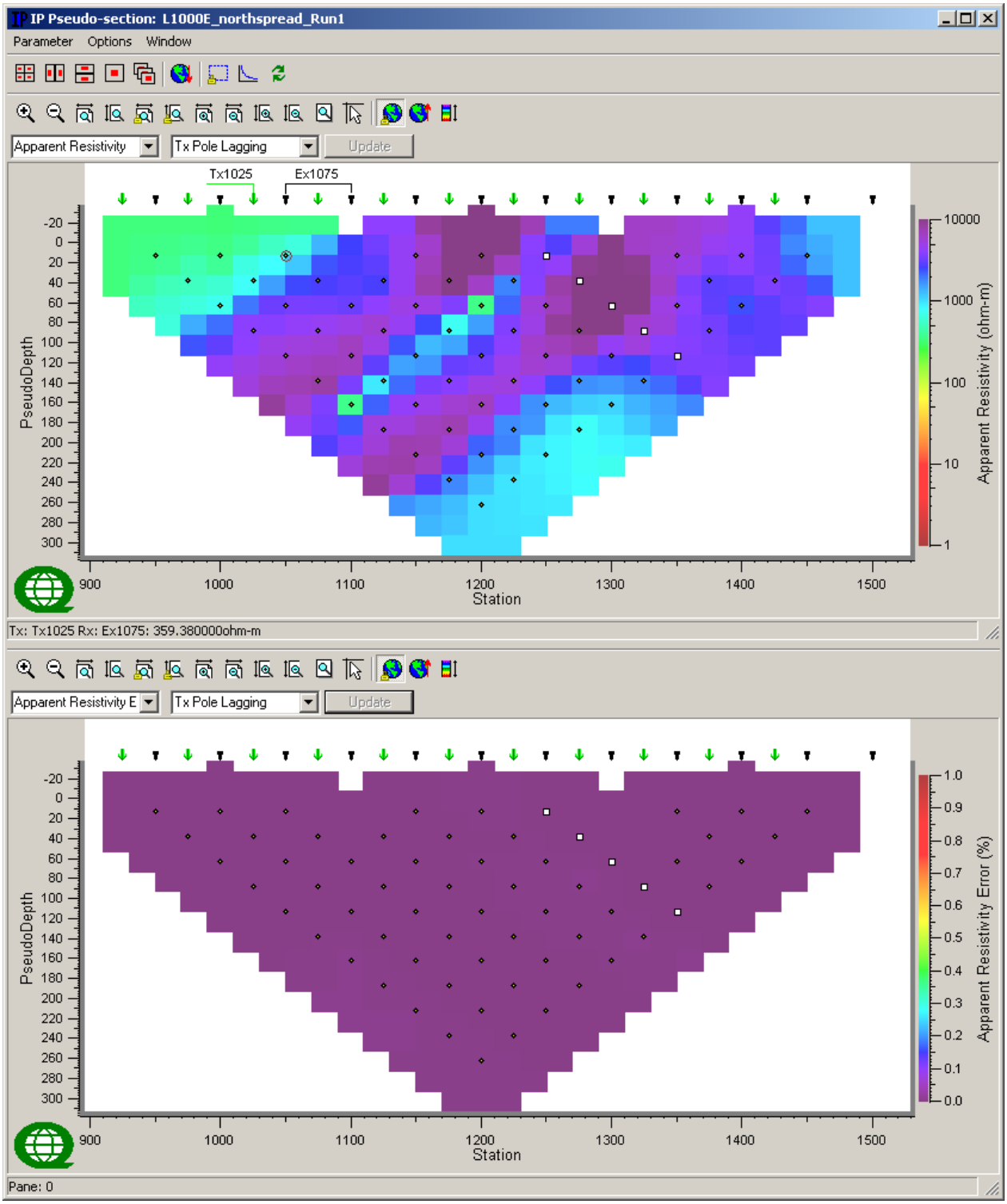
LINE 1000E_NORTH SPREAD

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



LINE 1000E_NORTH SPREAD

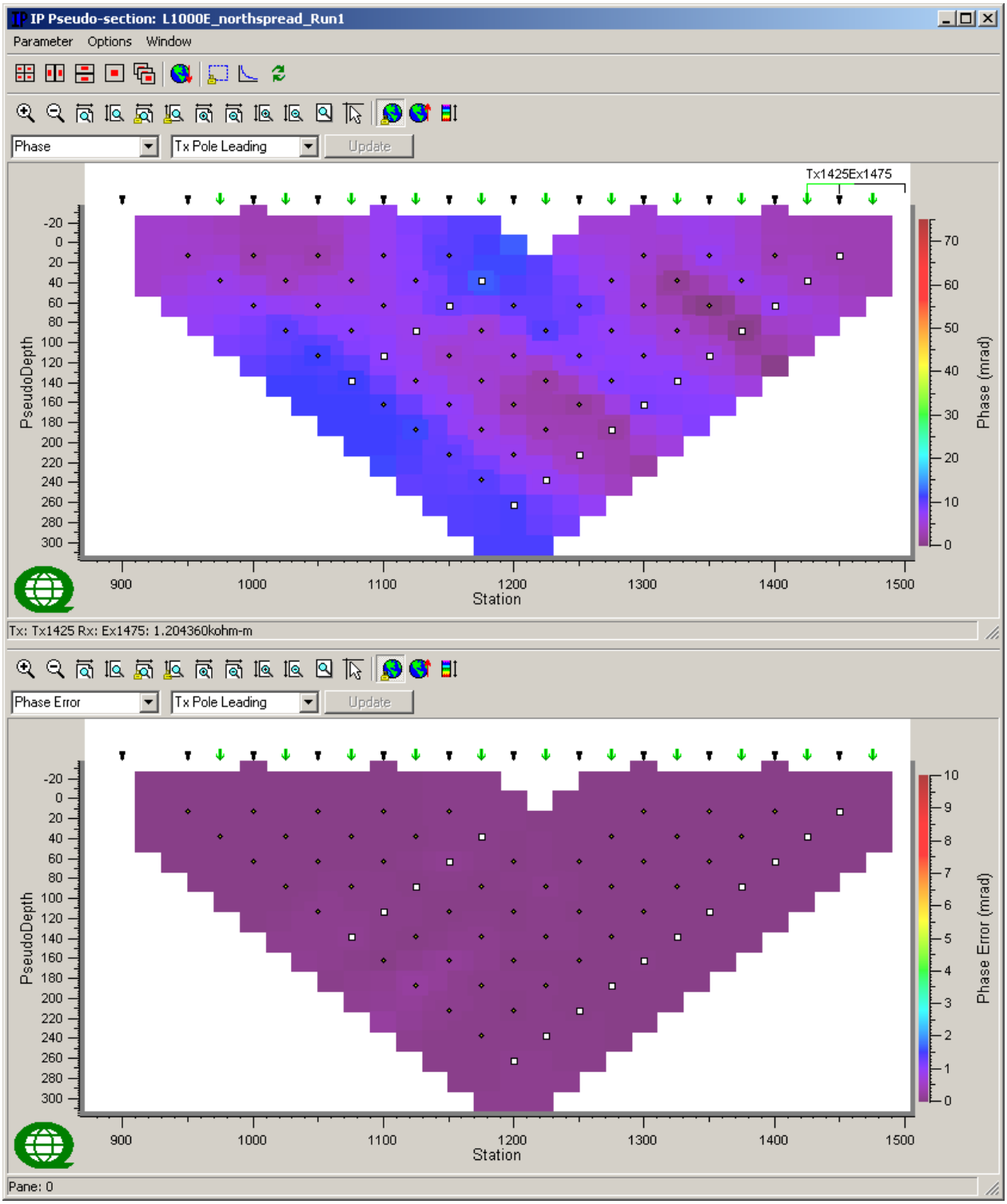
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1000E_NORTH SPREAD

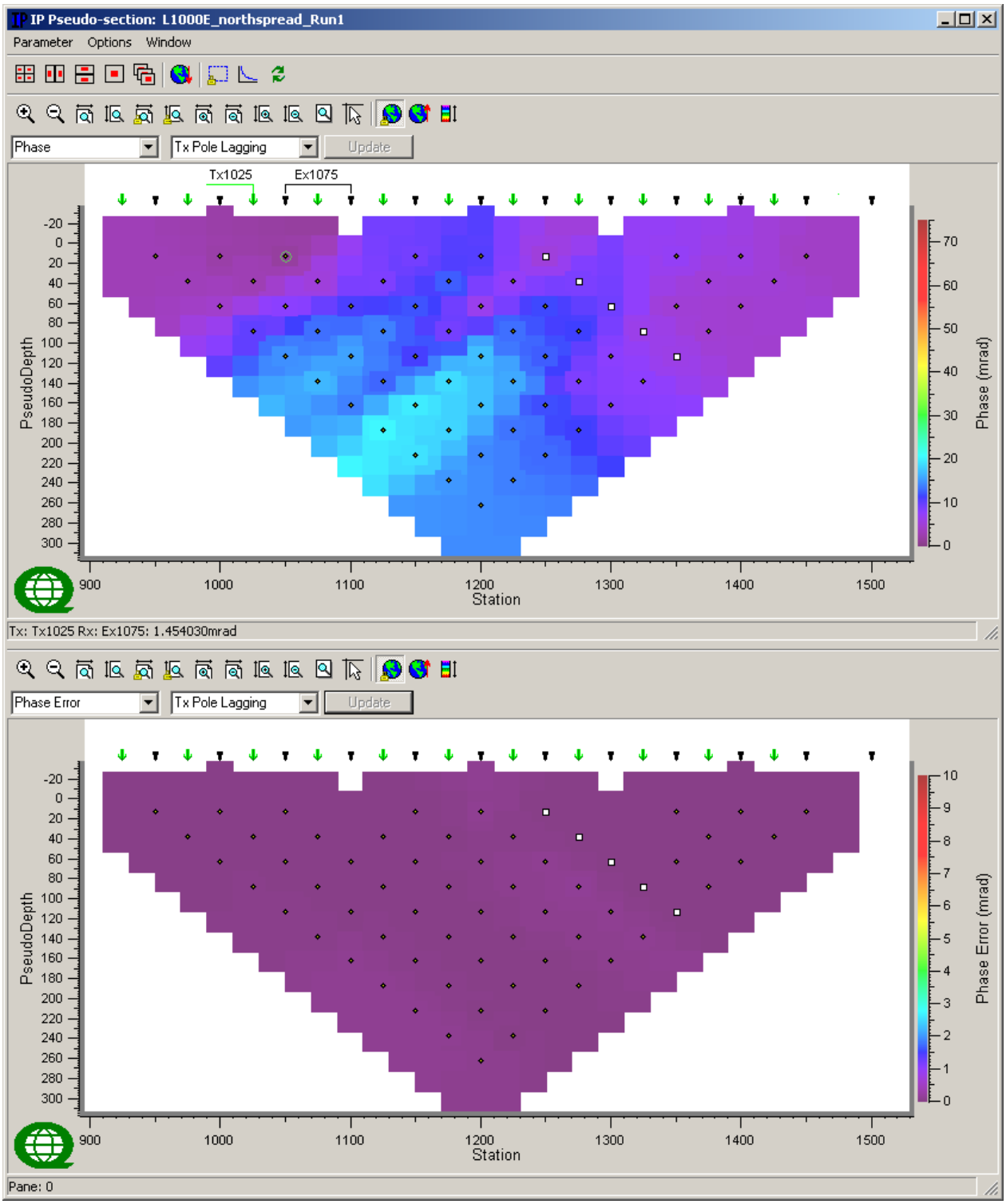
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1000E_NORTH SPREAD

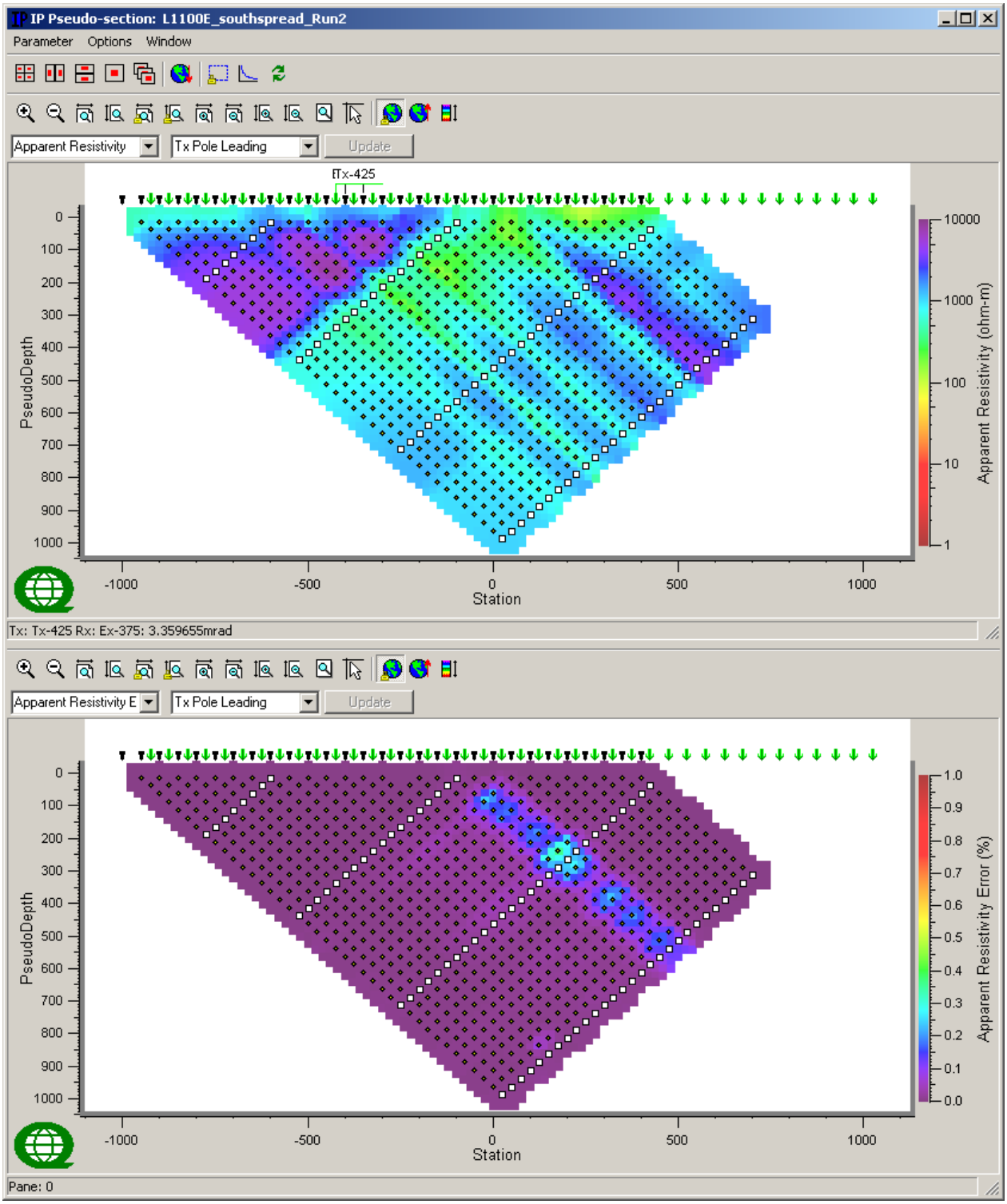
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1100E_SOUTH SPREAD

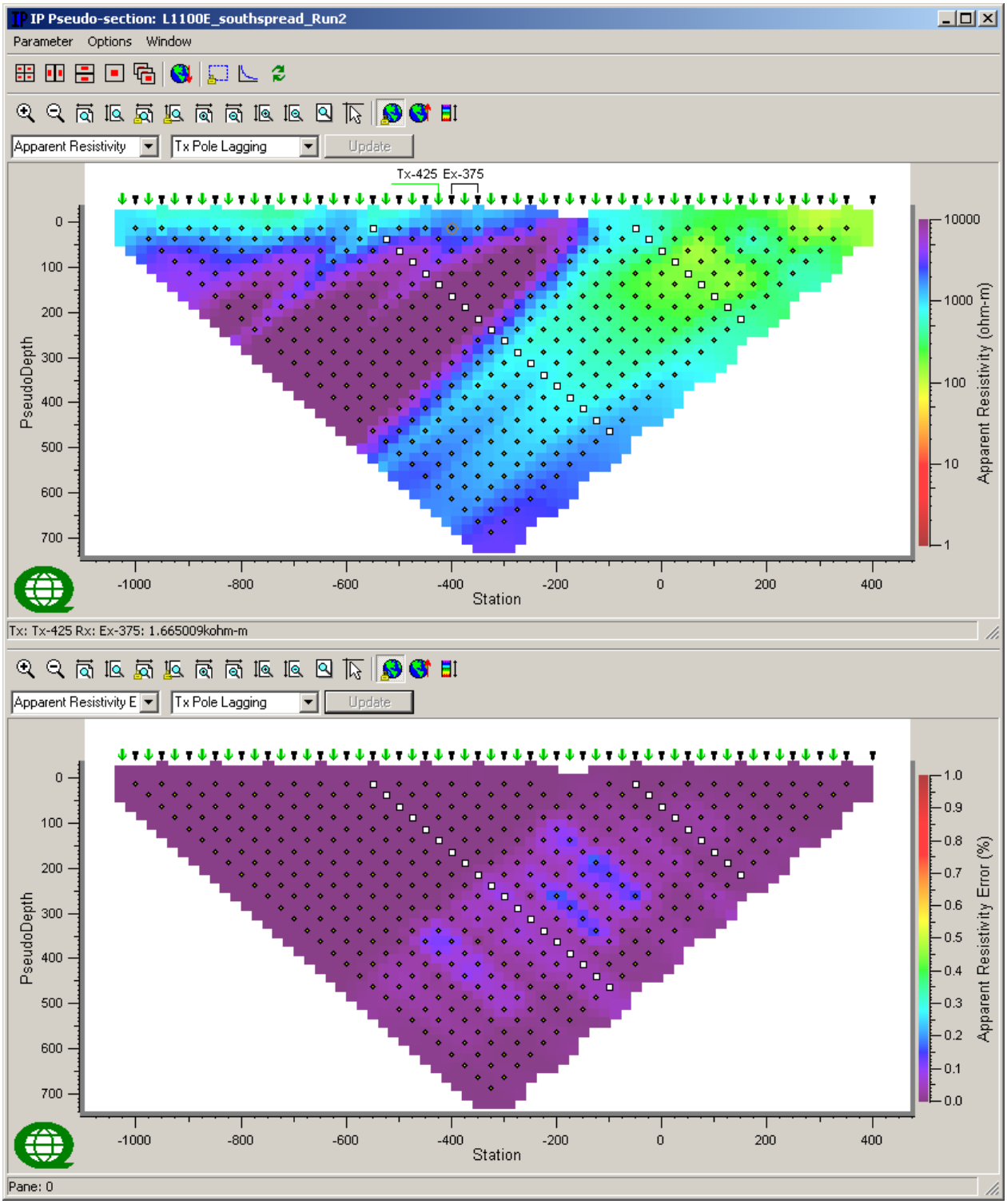
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1100E_SOUTH SPREAD

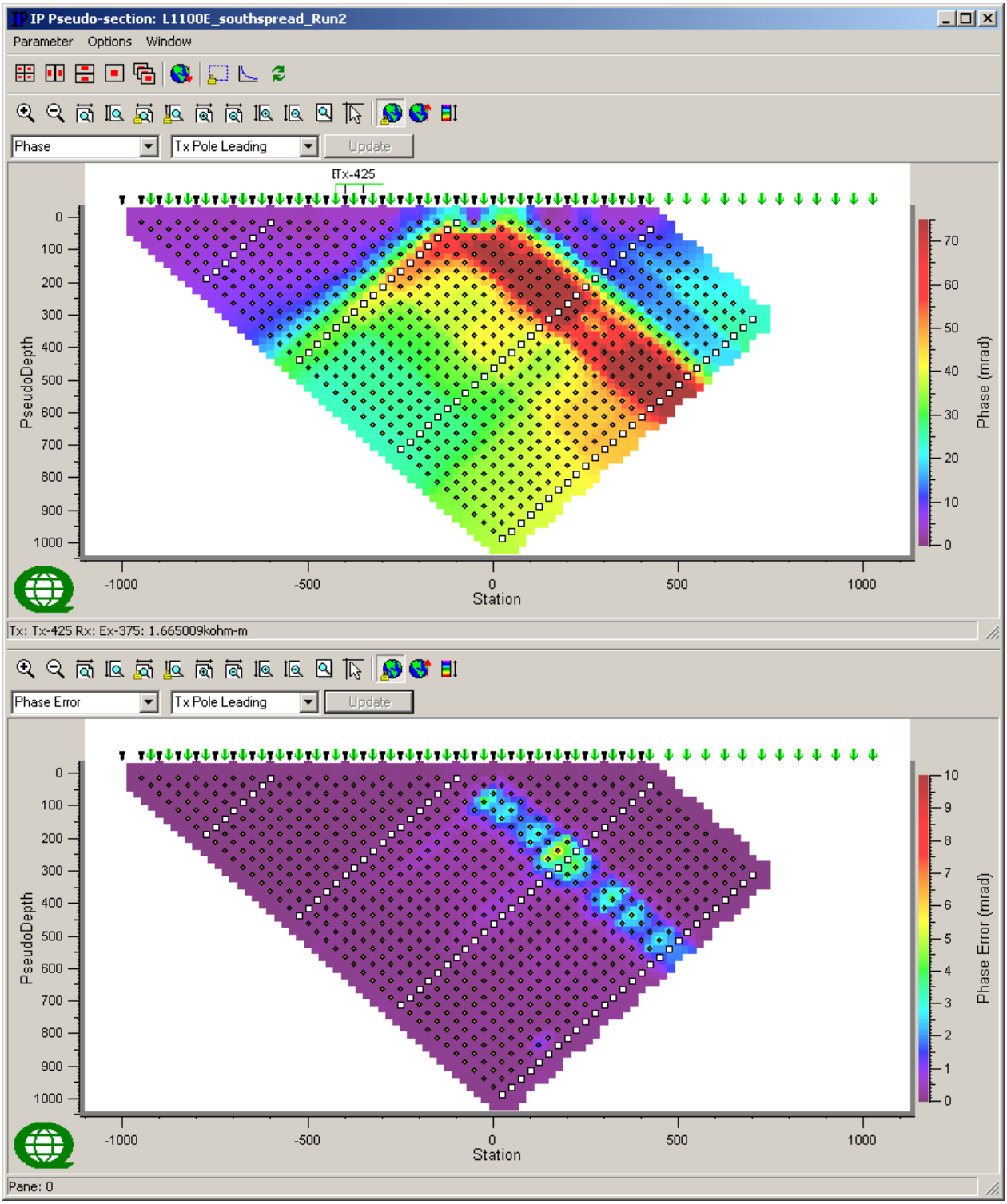
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1100E_SOUTH SPREAD

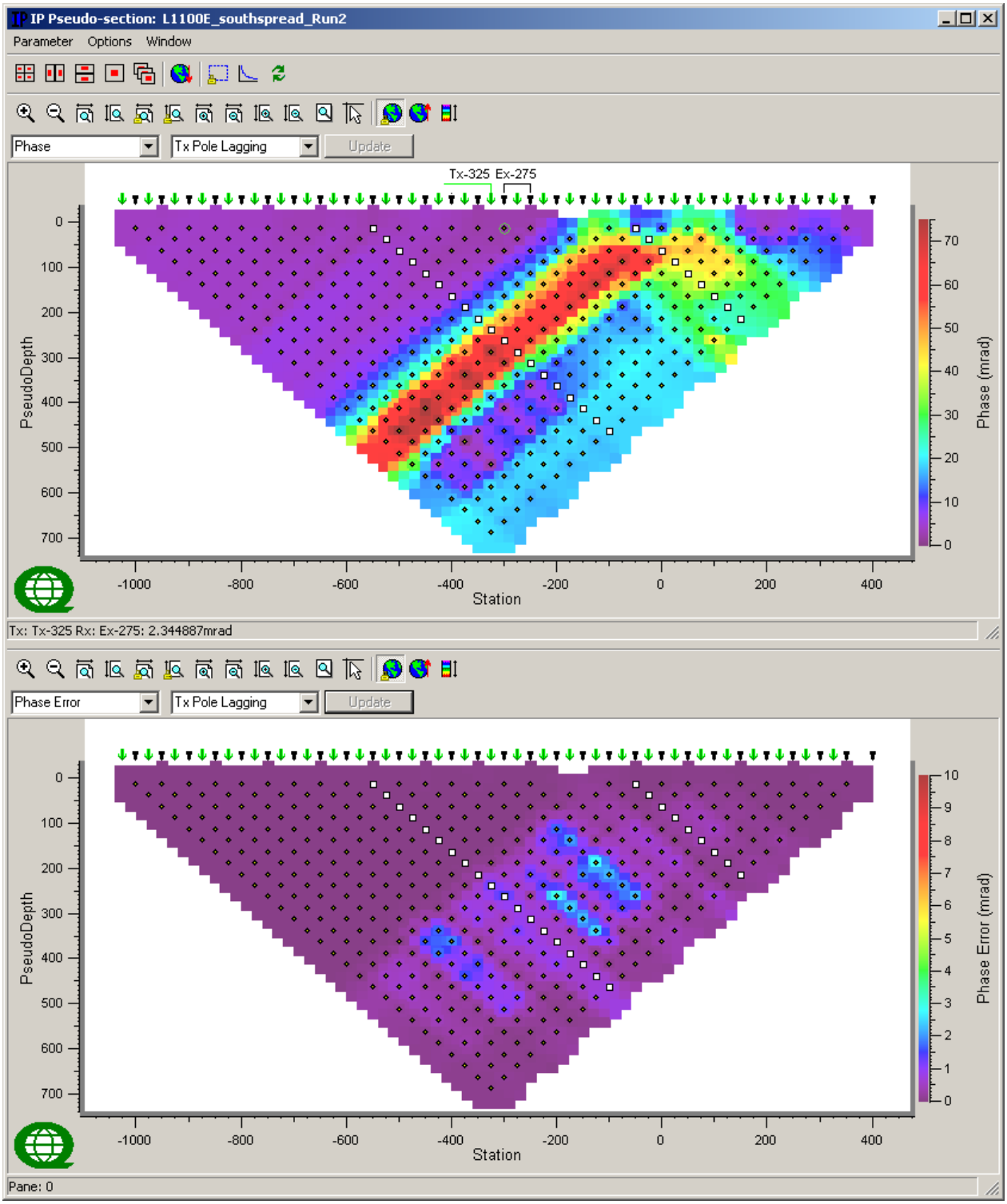
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1100E_SOUTH SPREAD

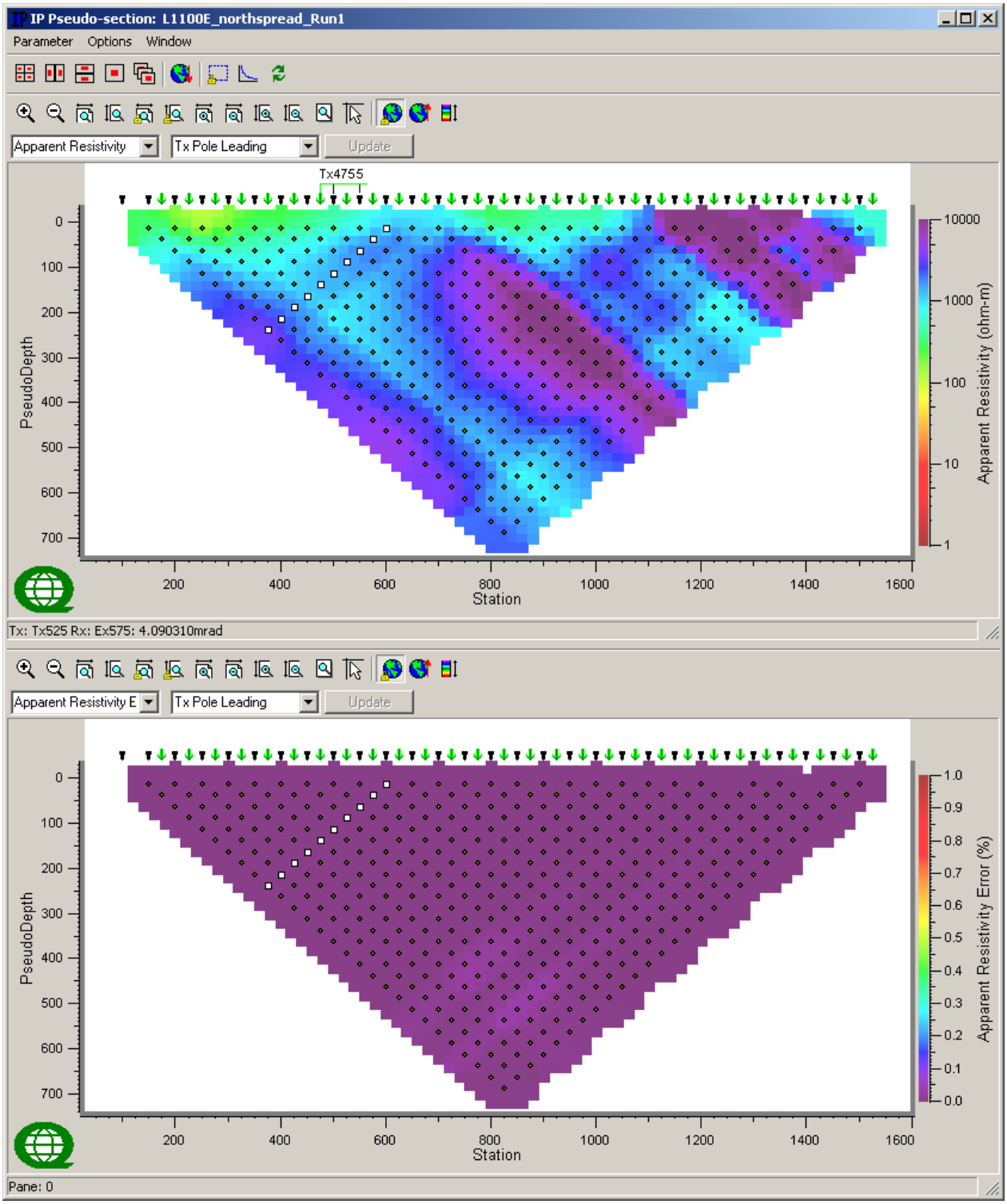
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1100E_NORTH SPREAD

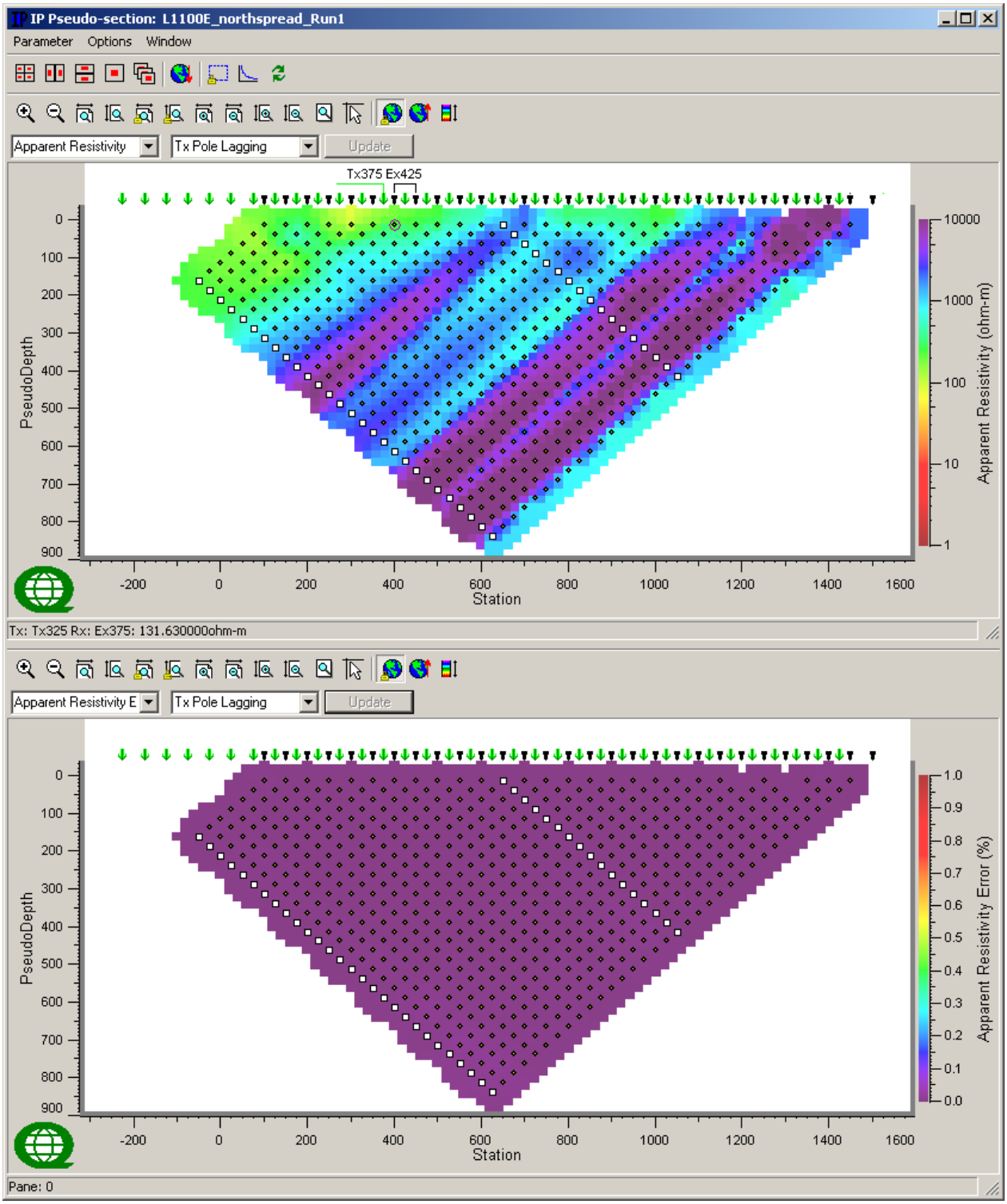
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1100E_NORTH SPREAD

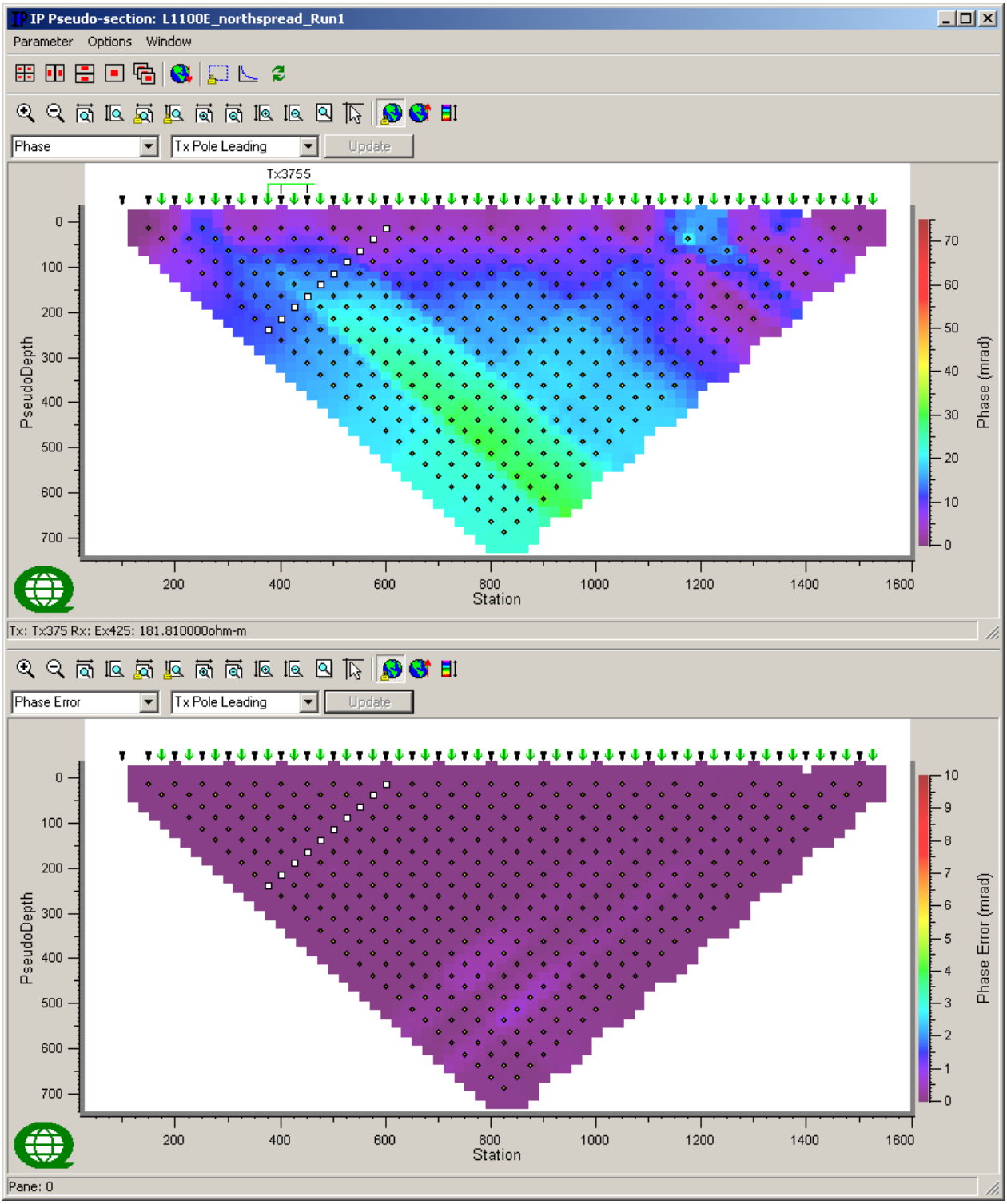
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1100E_NORTH SPREAD

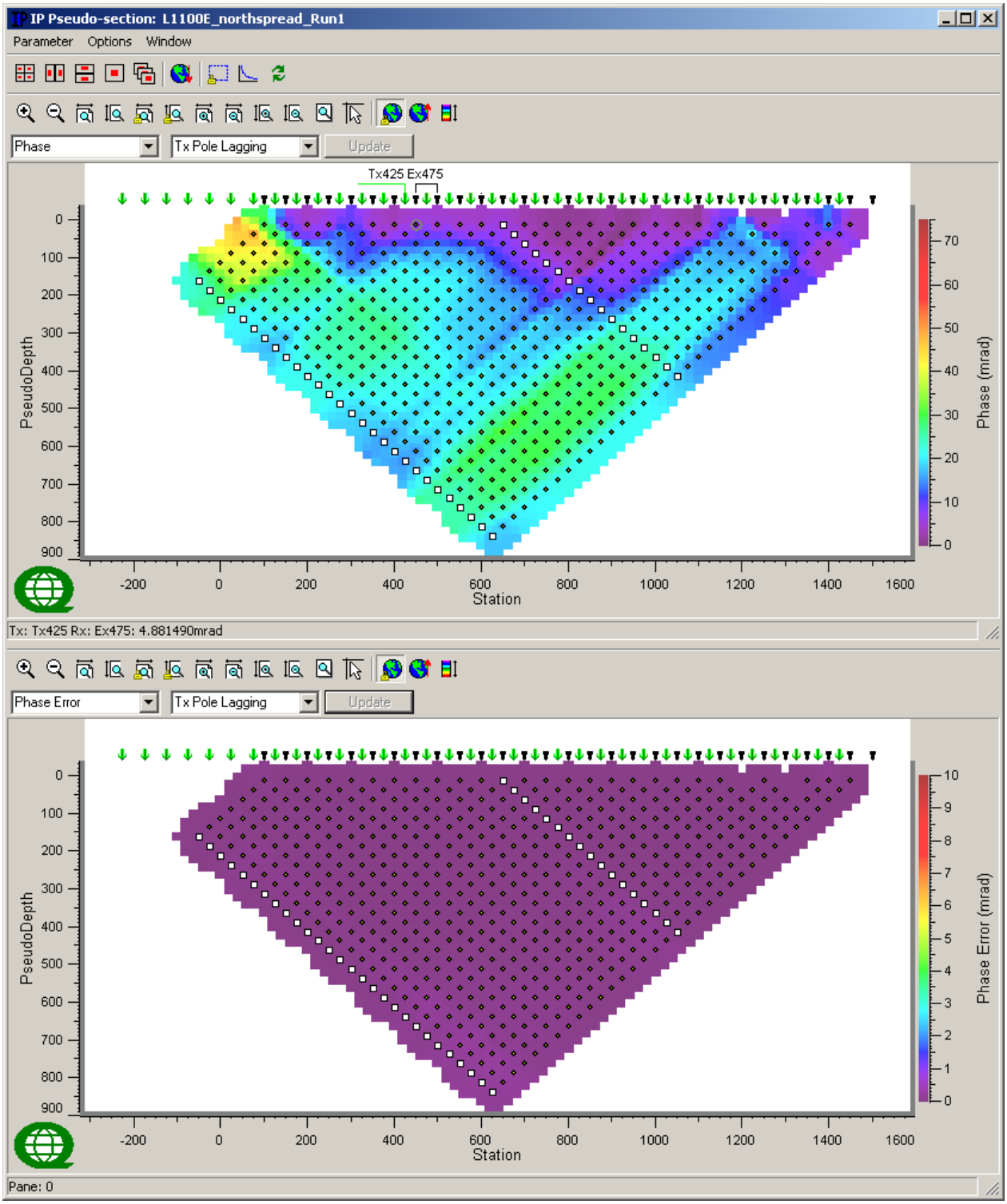
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1100E_NORTH SPREAD

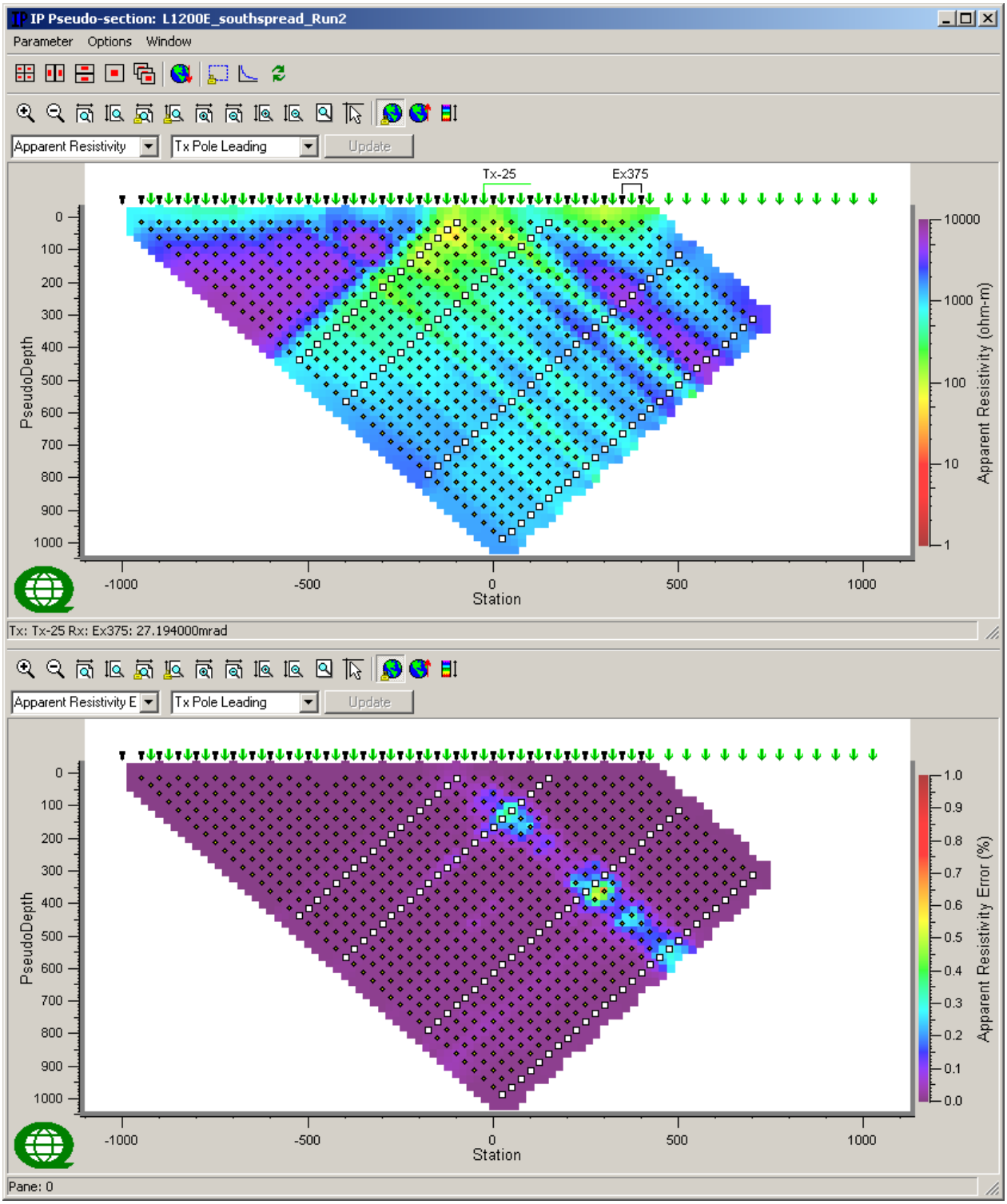
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1200E_SOUTH SPREAD

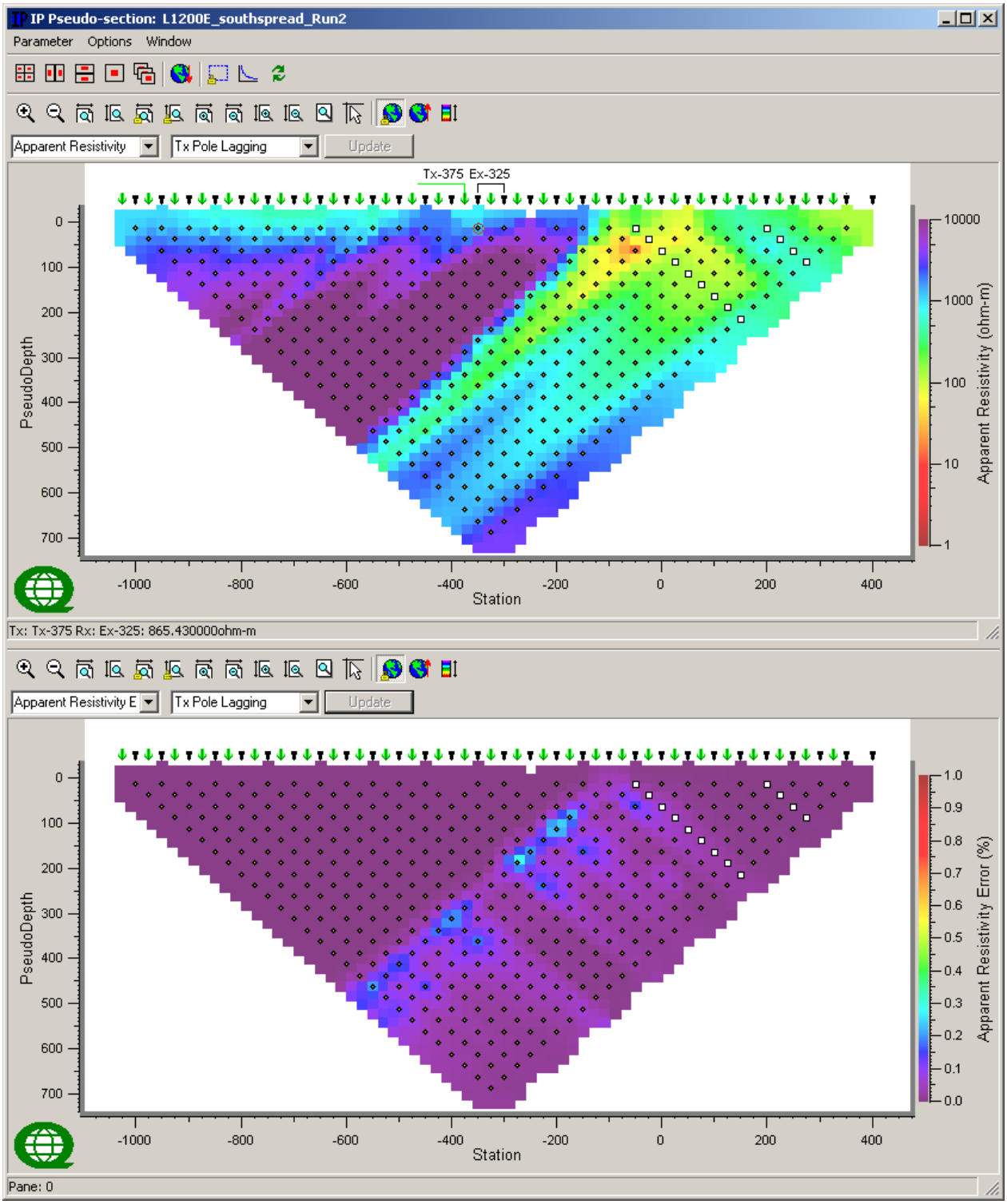
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1200E_SOUTH SPREAD

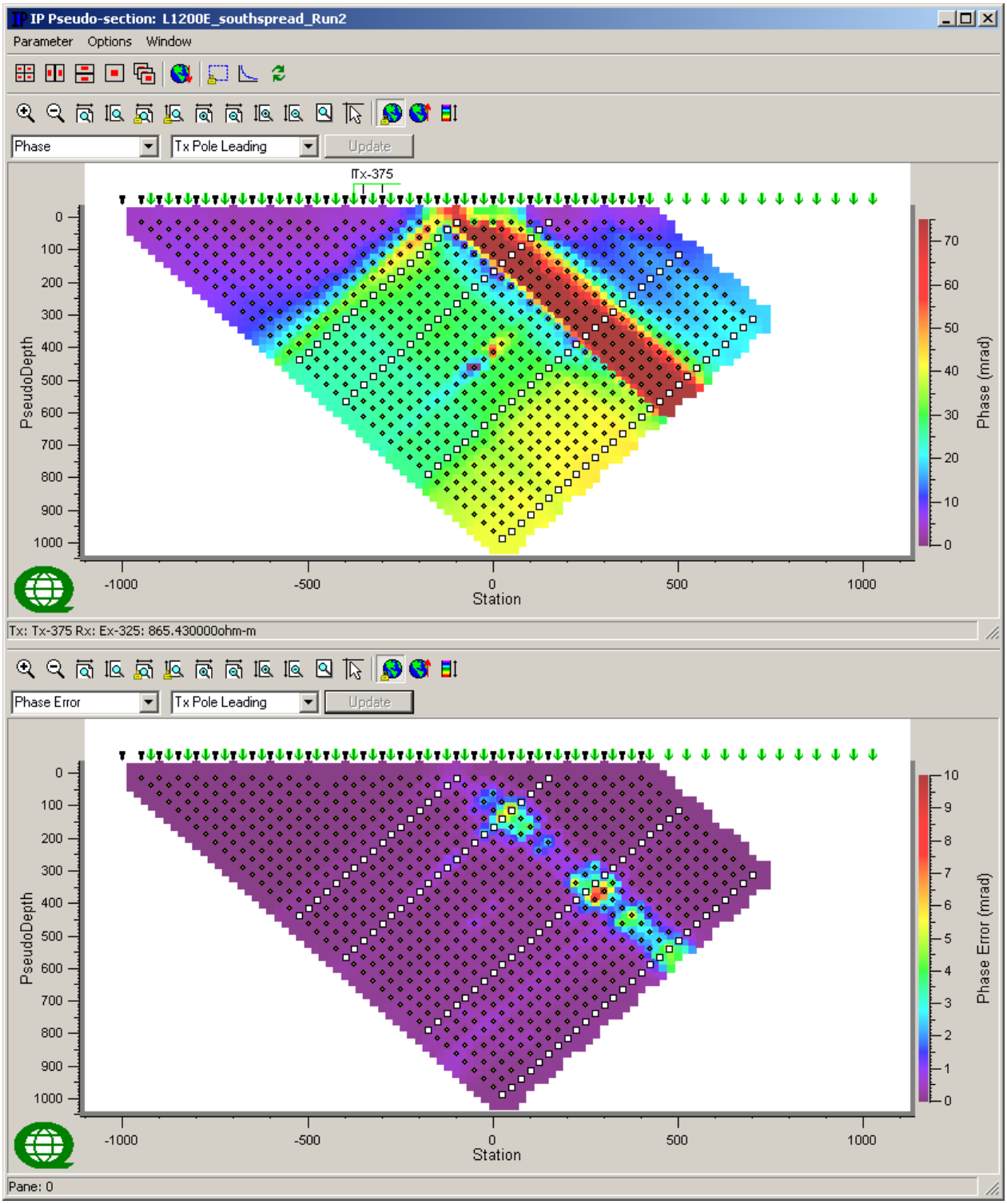
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1200E_SOUTH SPREAD

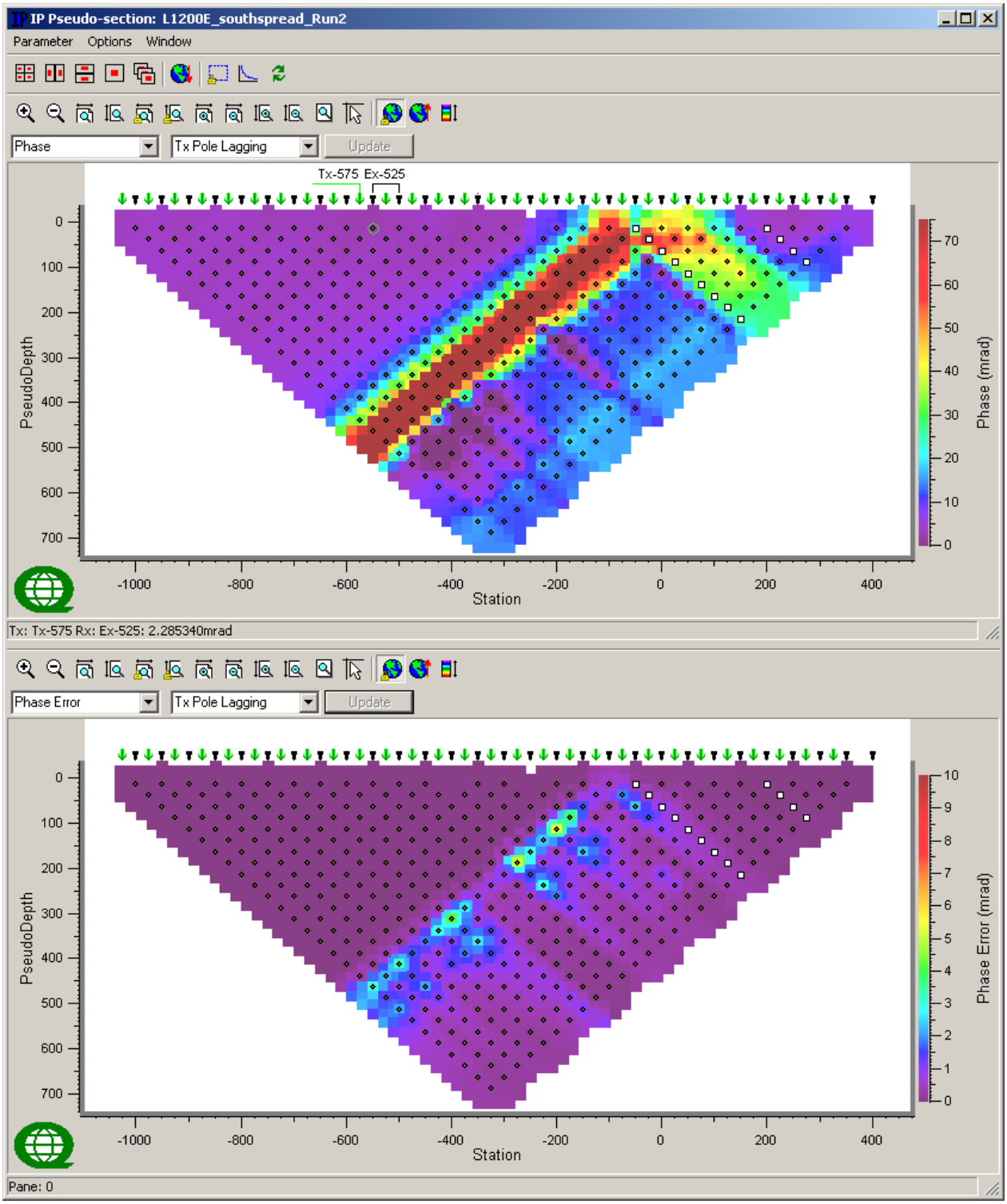
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1200E_SOUTH SPREAD

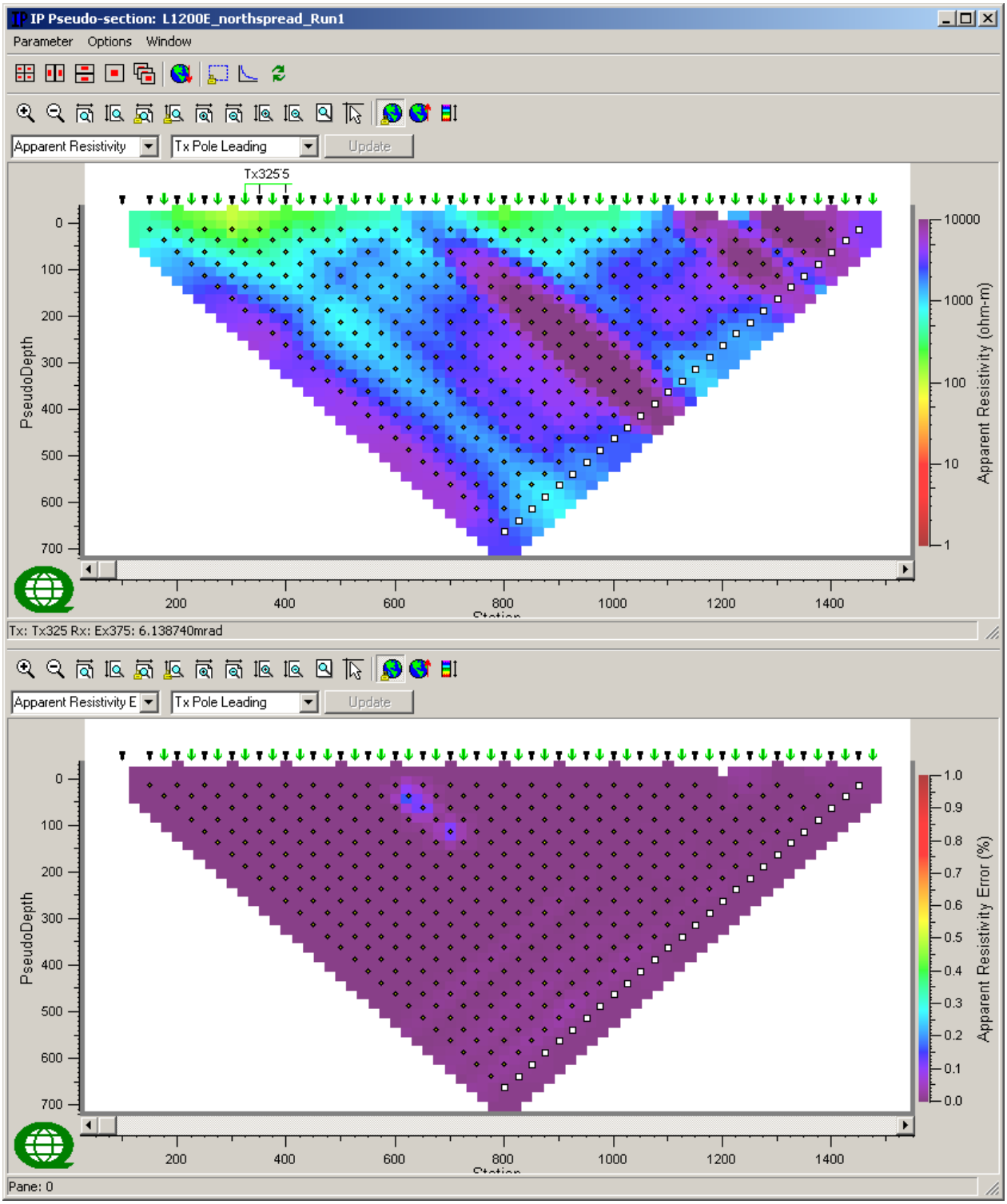
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1200E_NORTH SPREAD

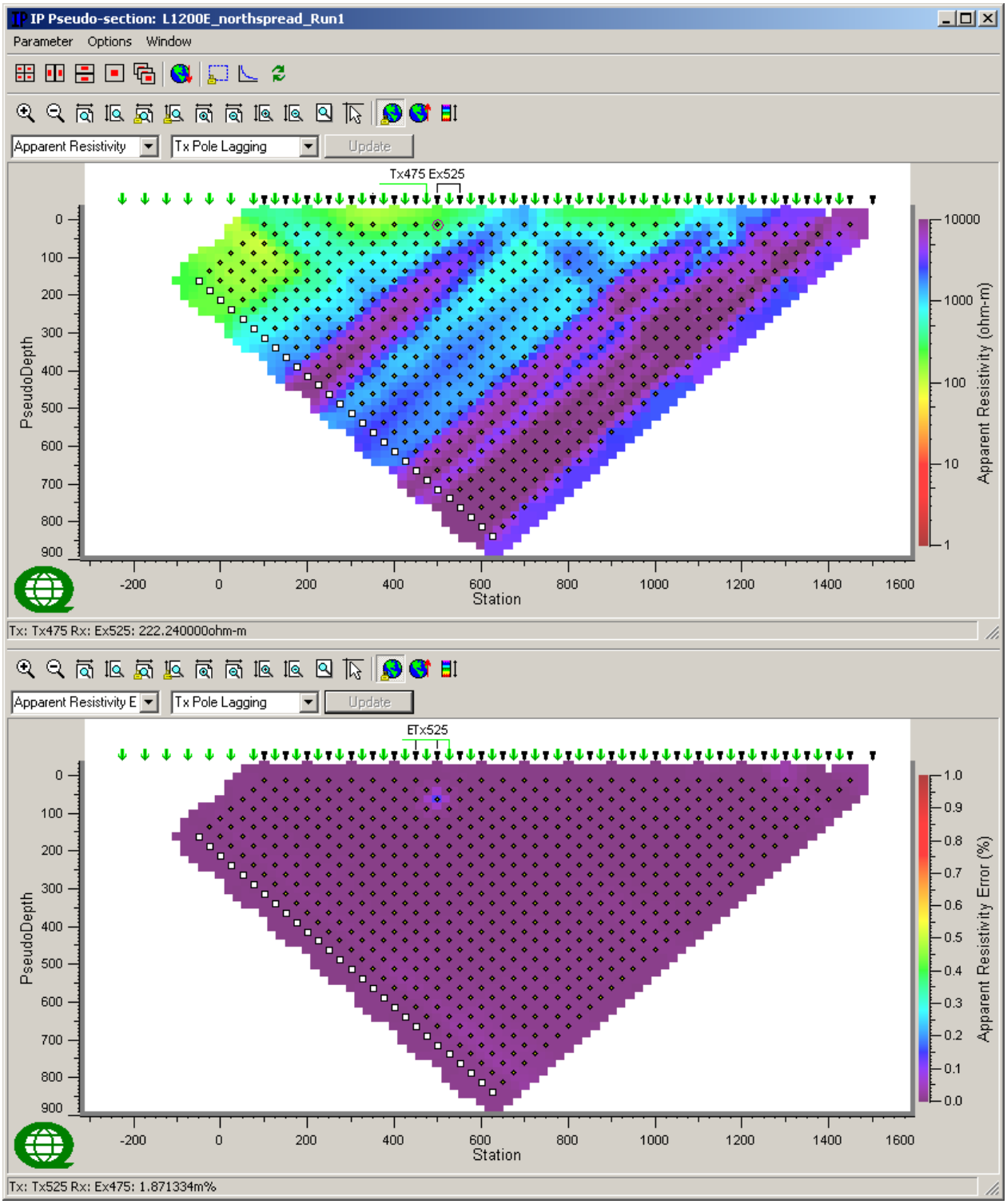
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1200E_NORTH SPREAD

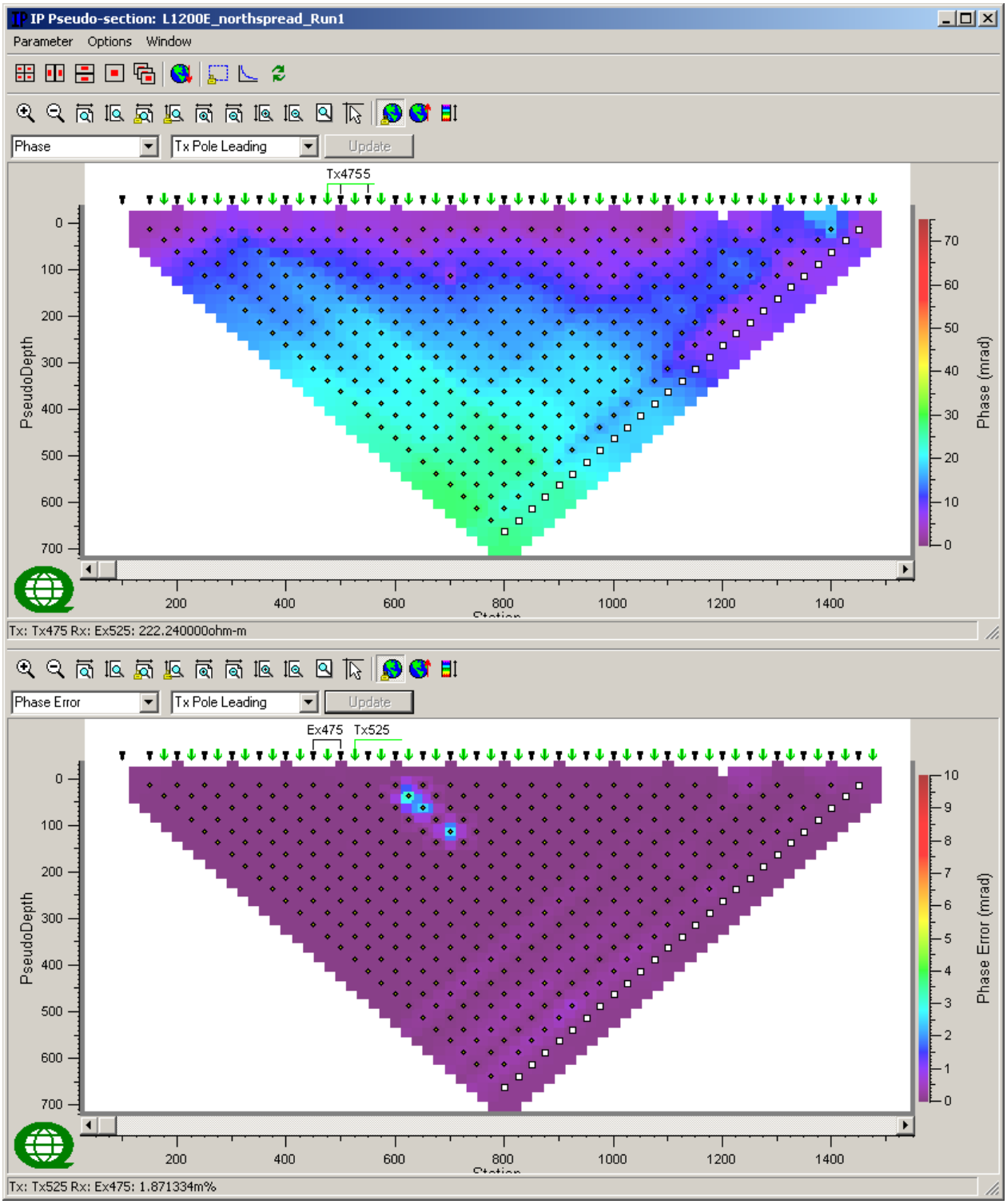
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1200E_NORTH SPREAD

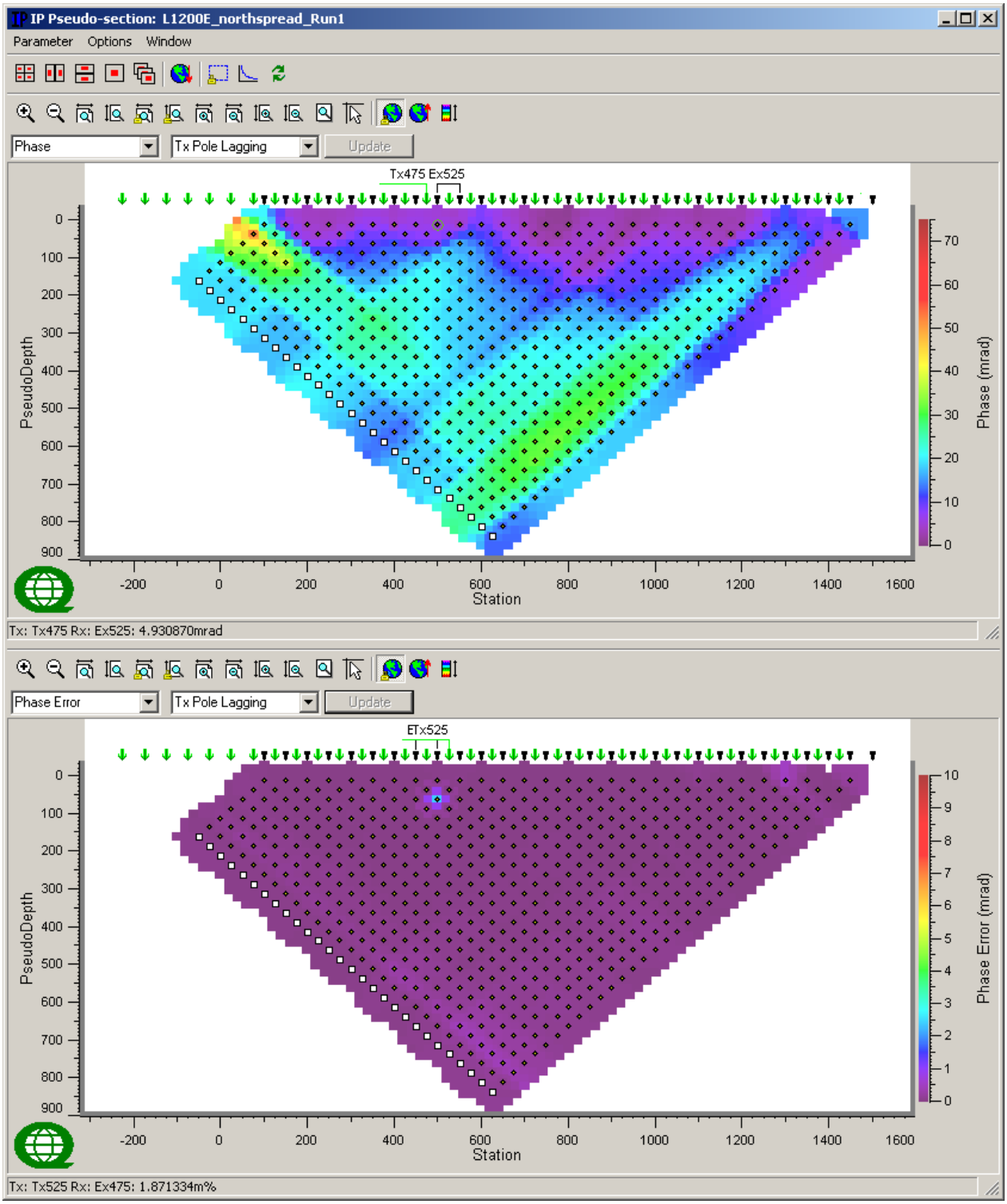
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1200E_NORTH SPREAD

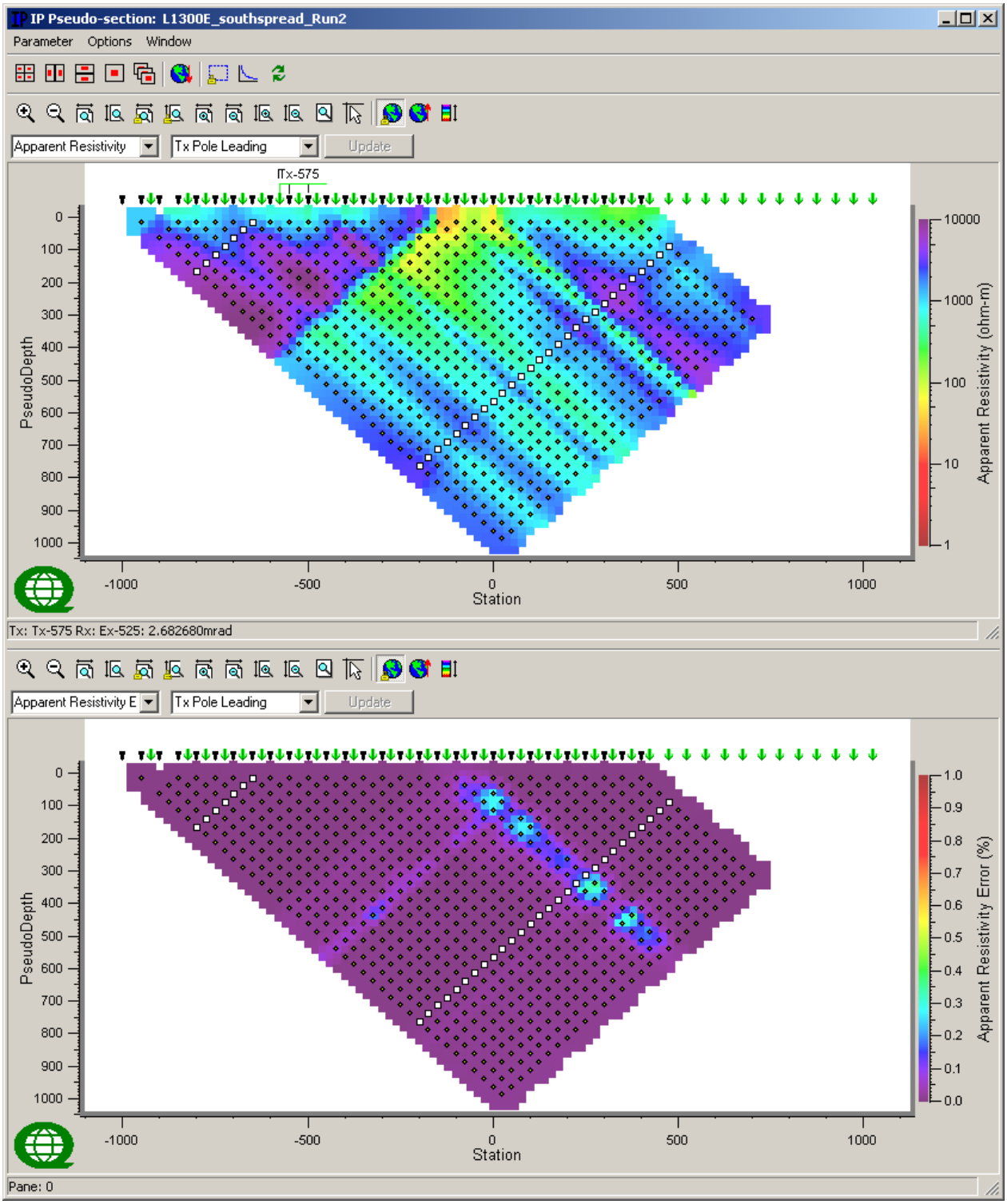
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1300E_SOUTH SPREAD

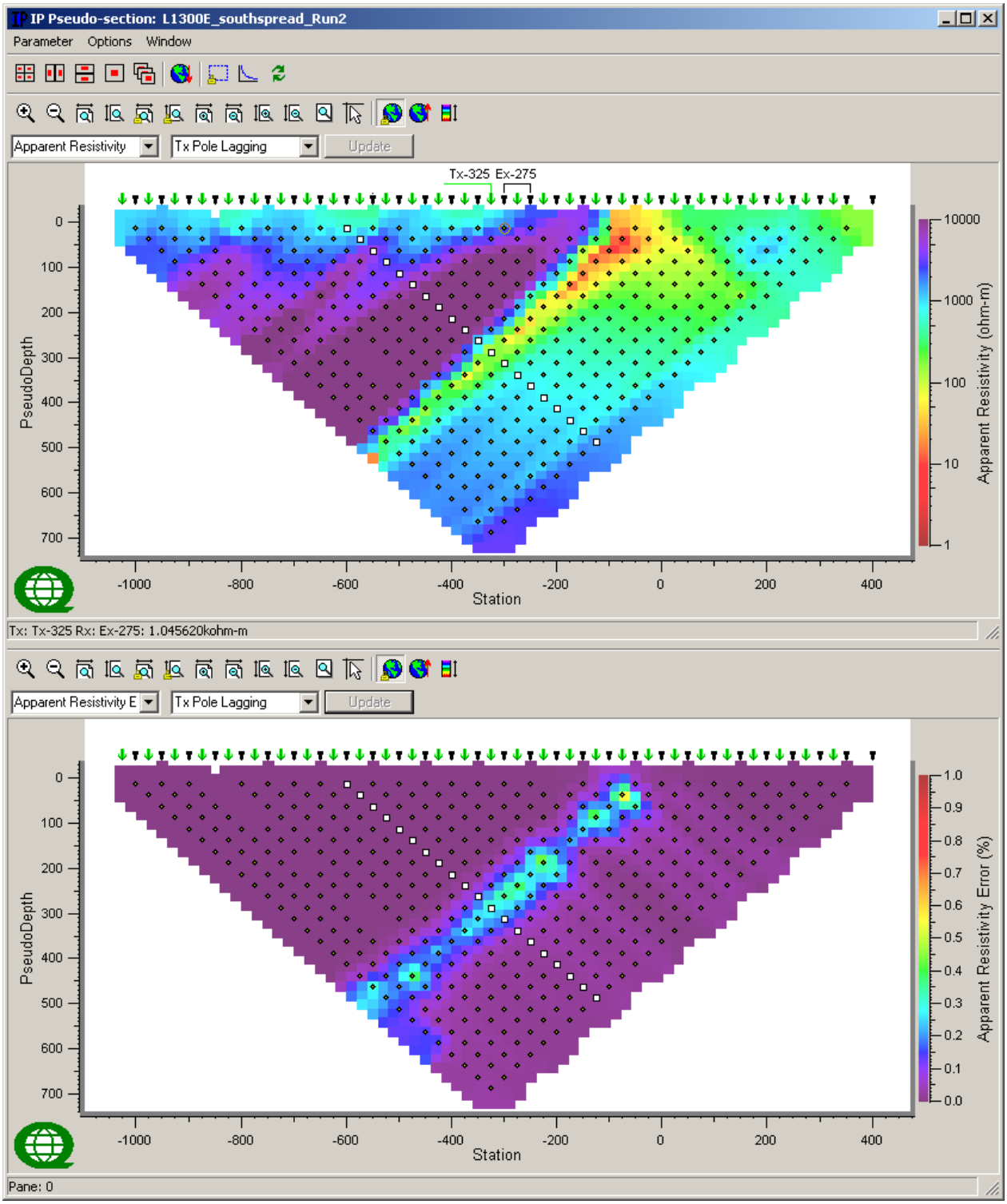
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1300E_SOUTH SPREAD

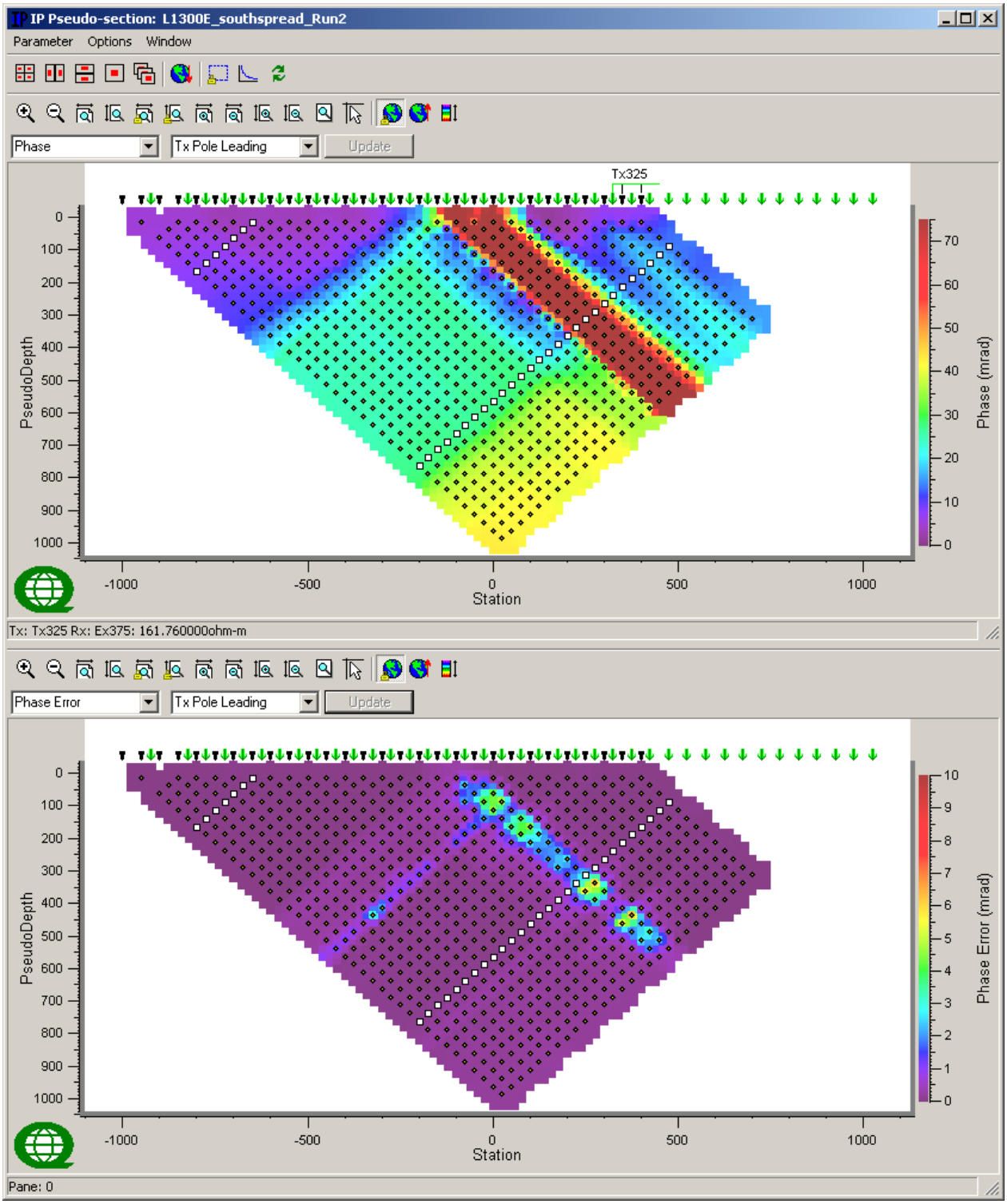
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1300E_SOUTH SPREAD

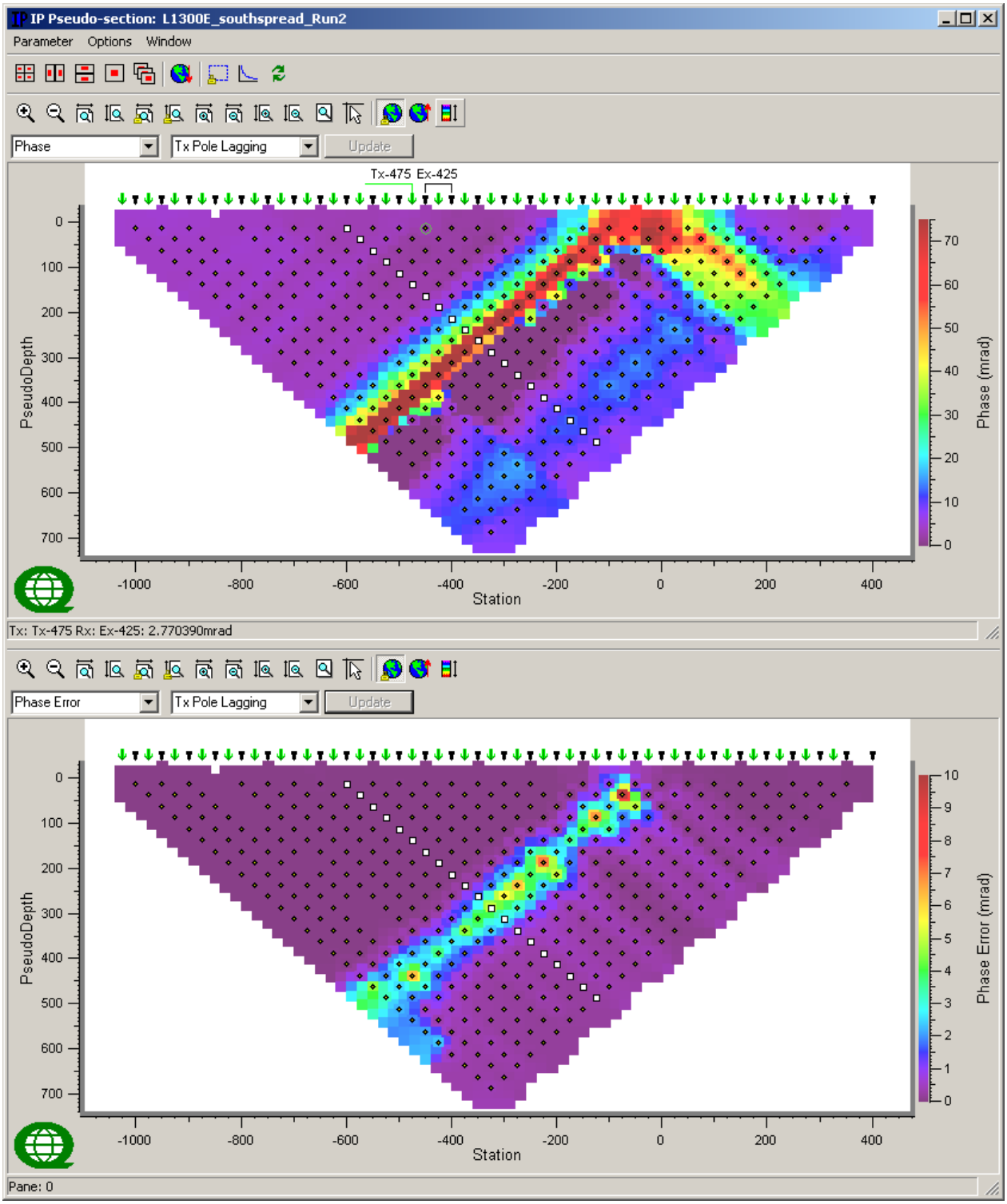
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1300E_SOUTH SPREAD

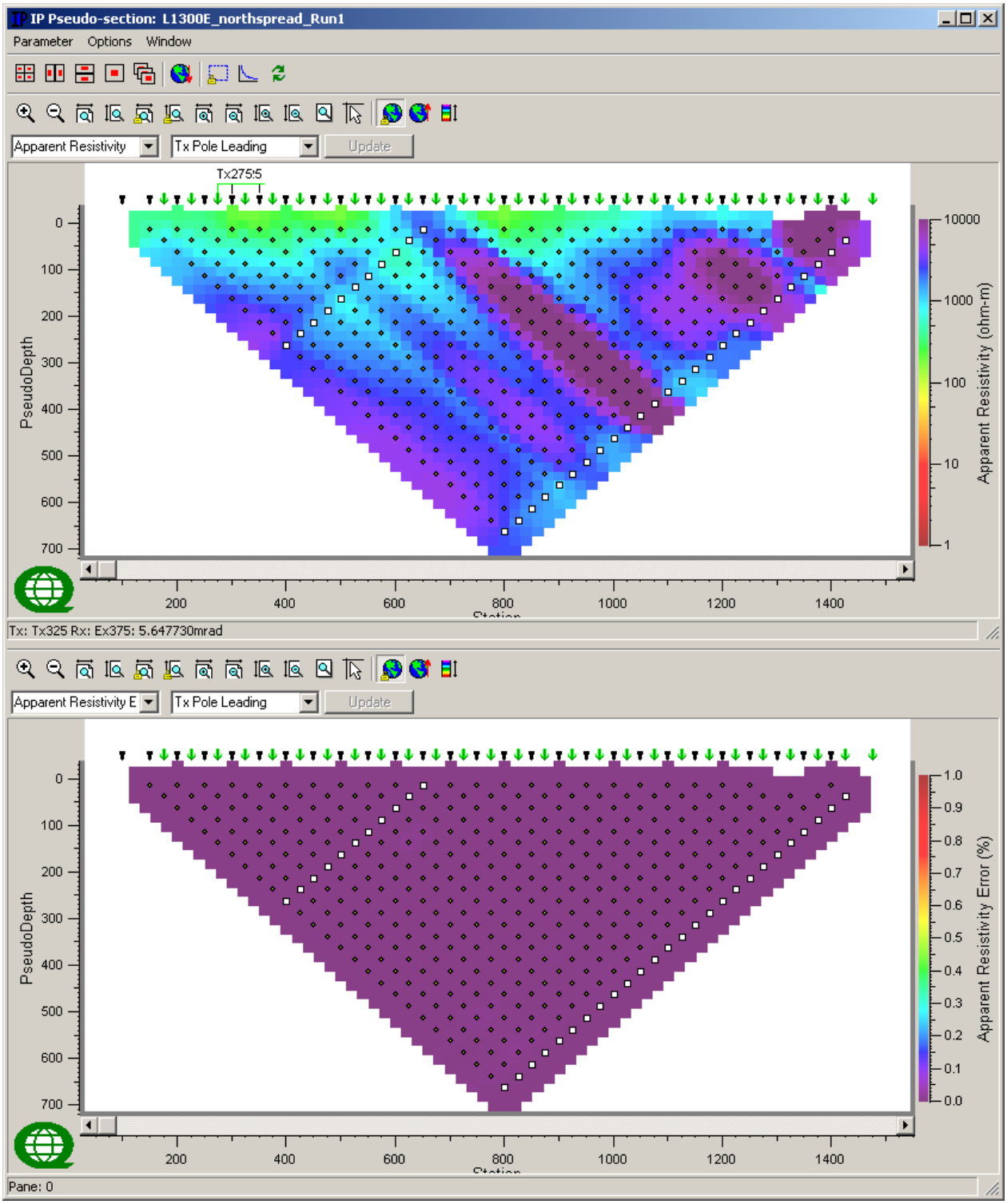
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1300E_NORTH SPREAD

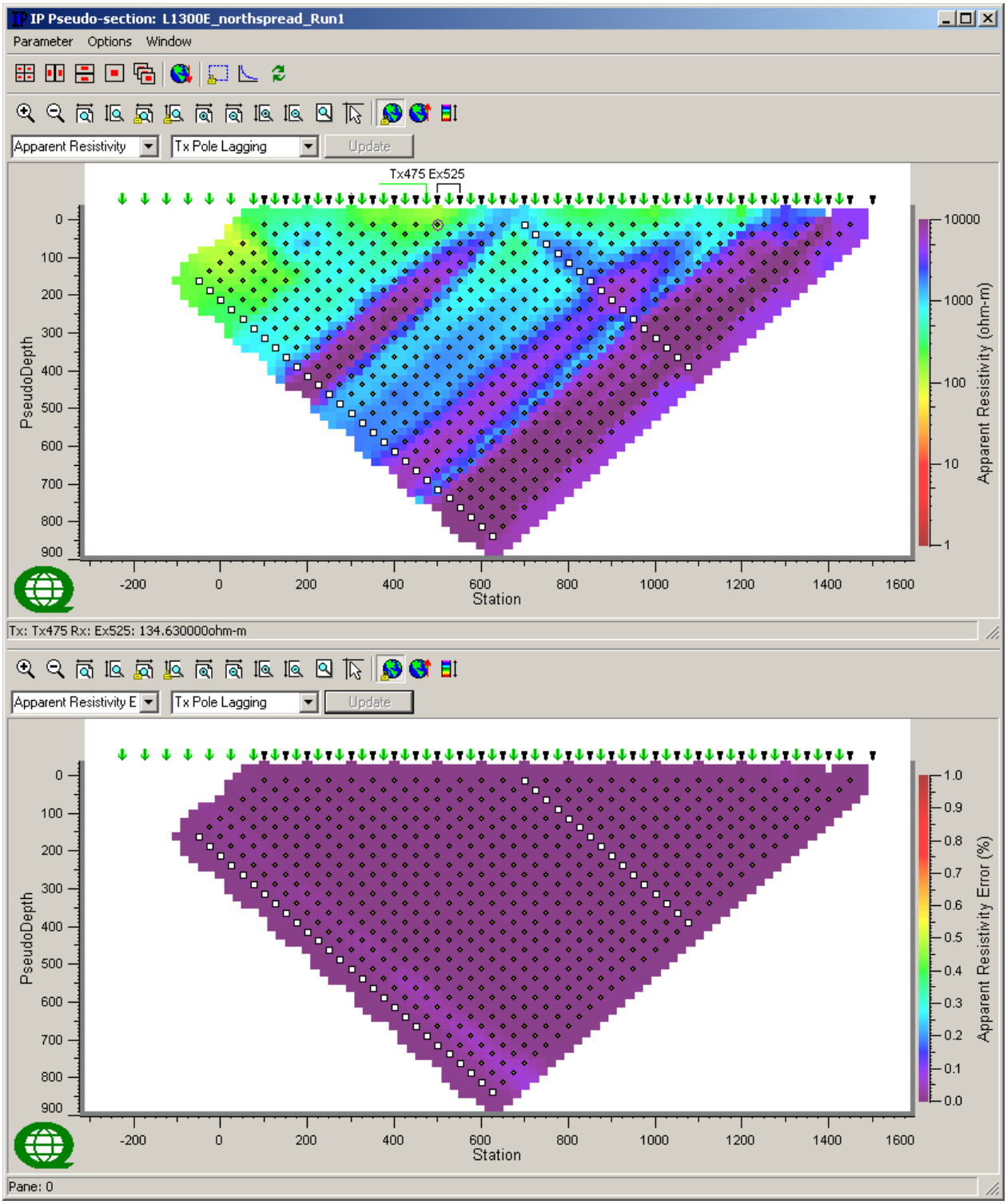
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1300E_NORTH SPREAD

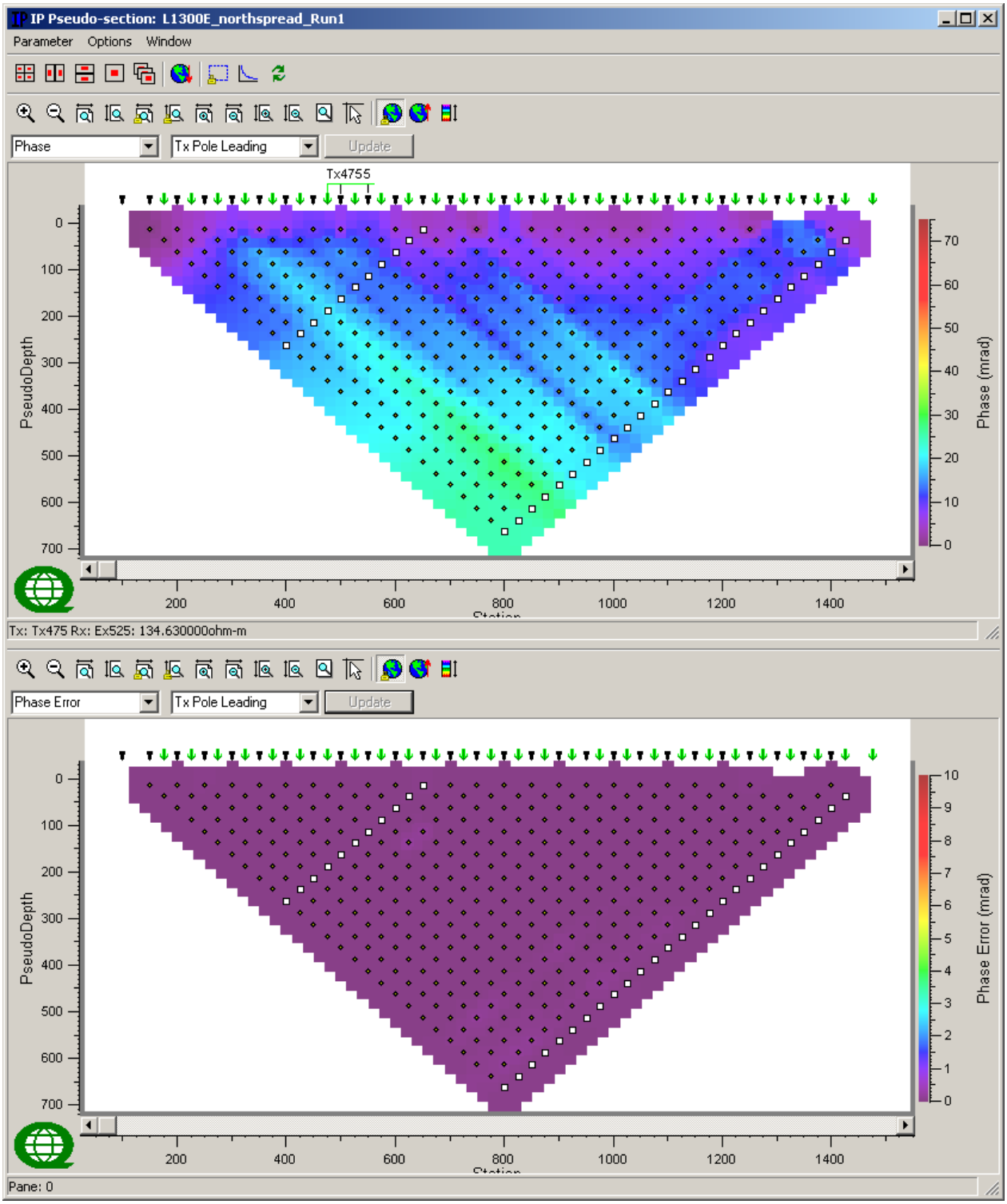
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1300E_NORTH SPREAD

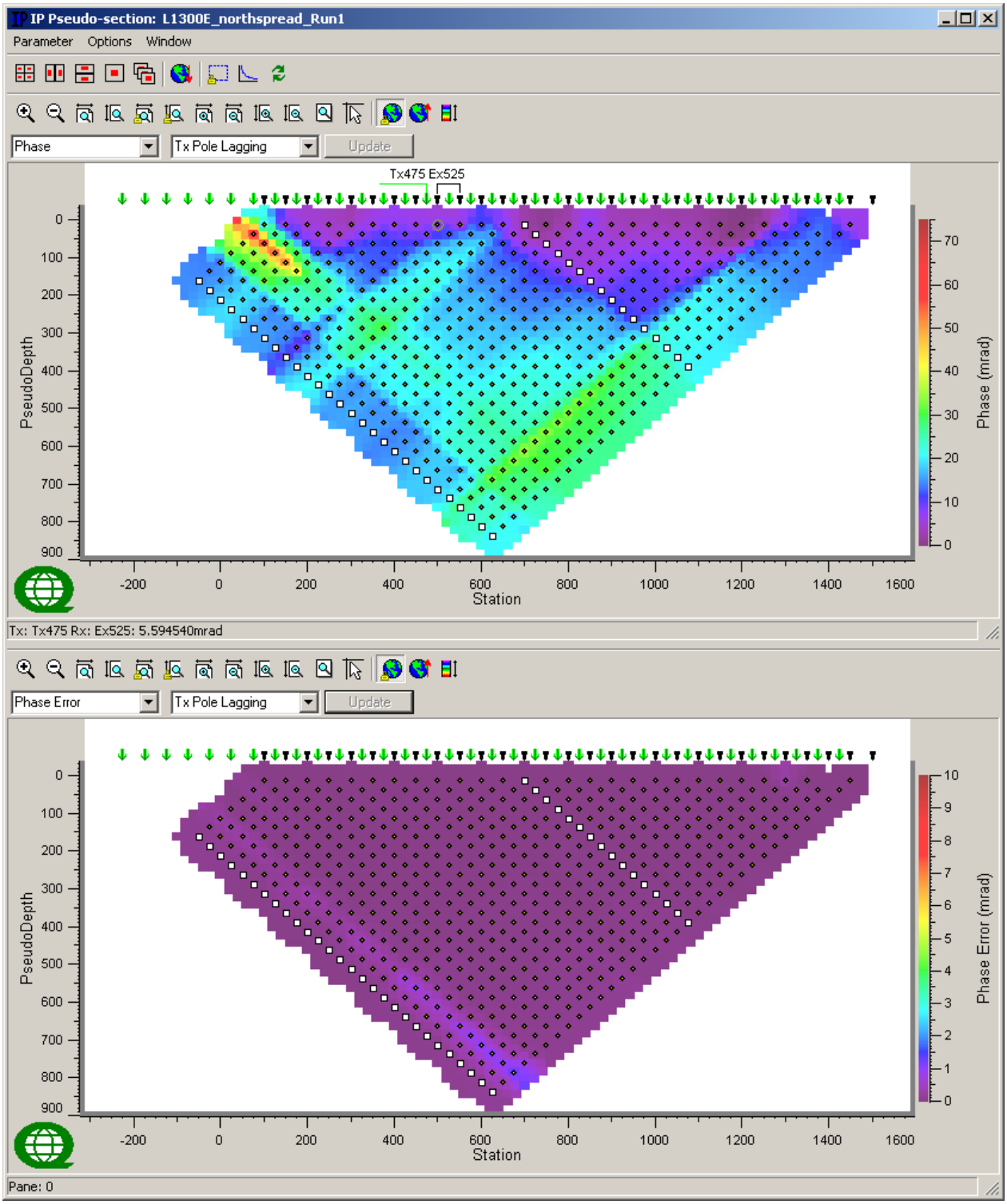
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1300E_NORTH SPREAD

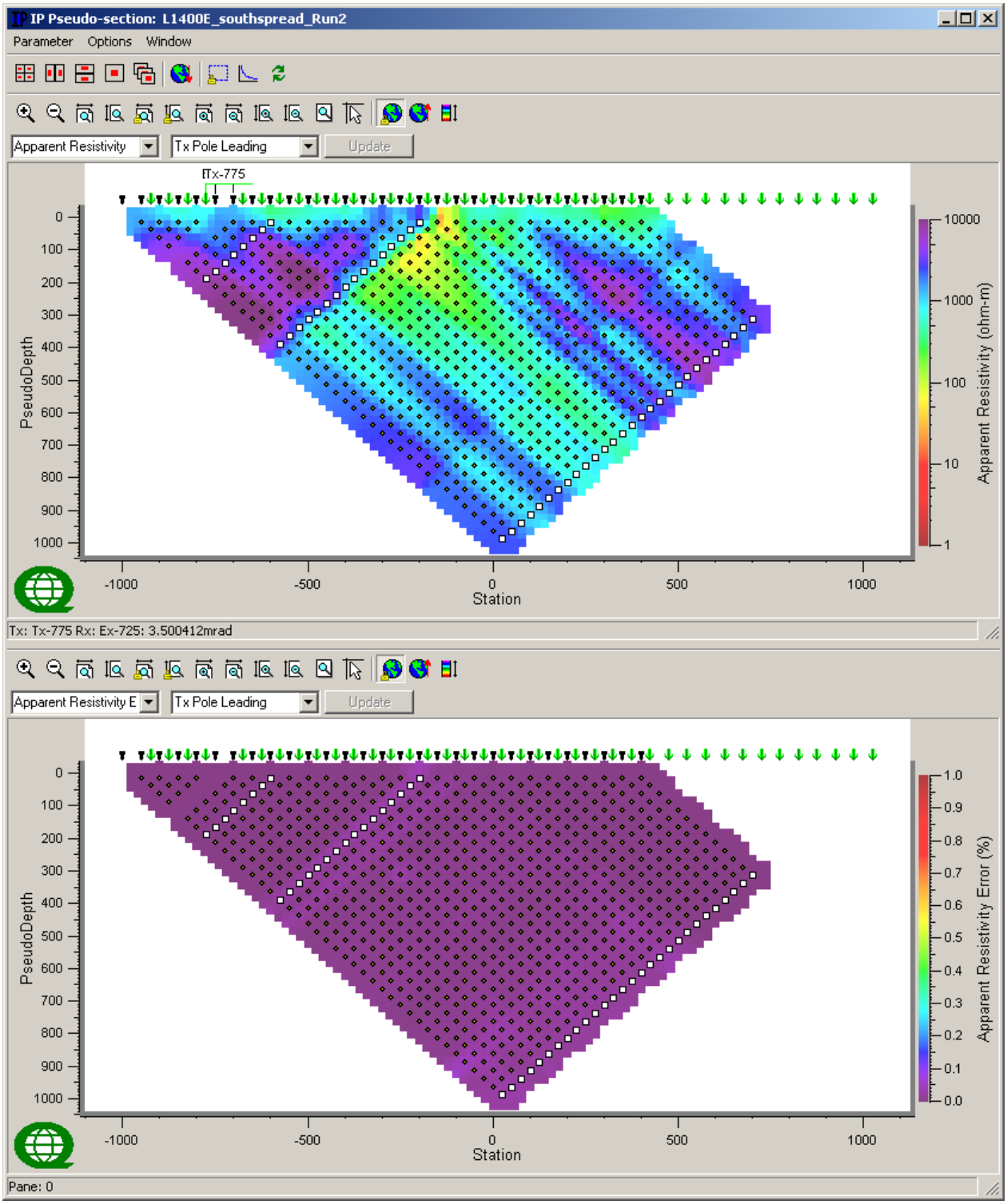
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1400E_SOUTH SPREAD

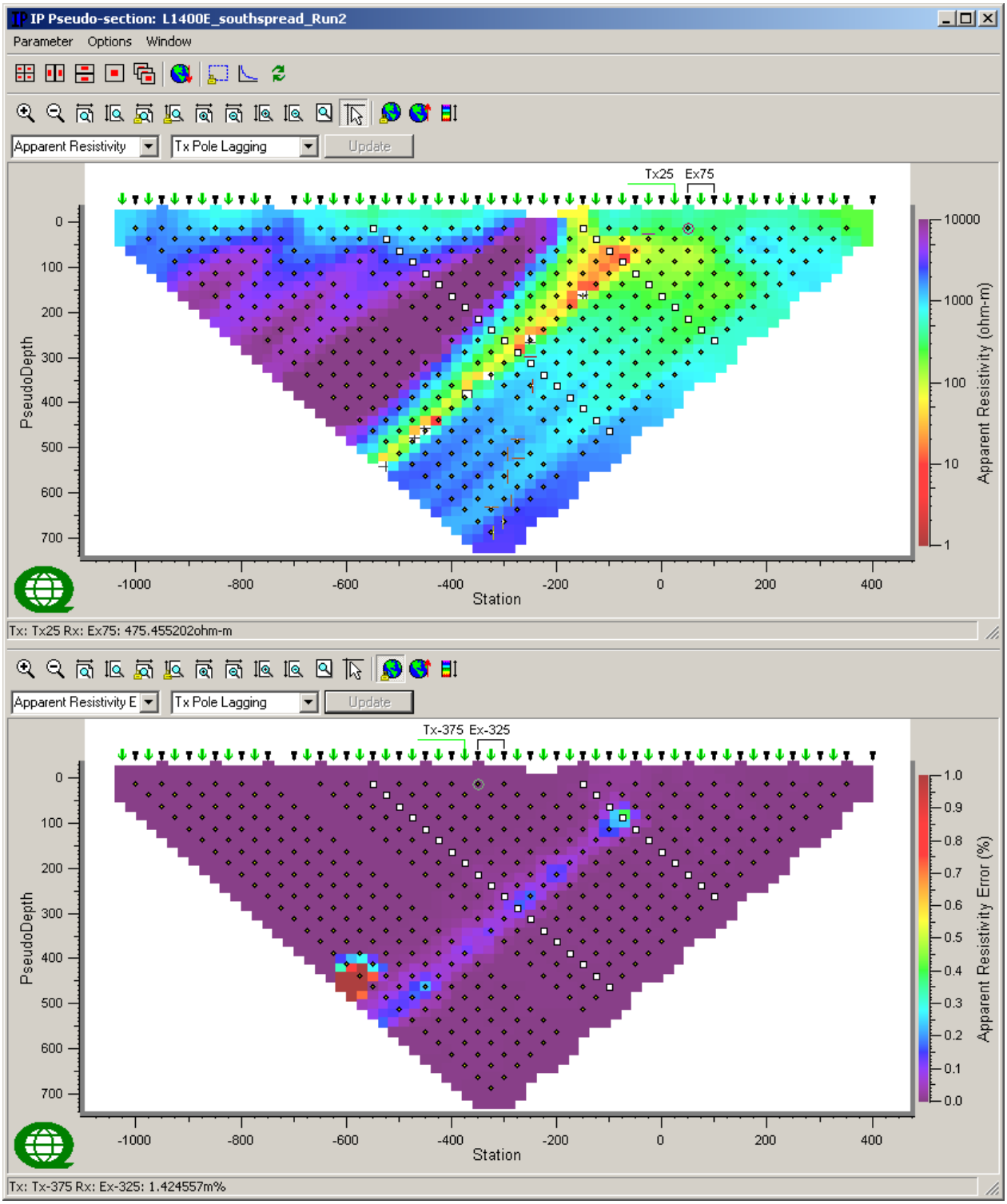
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1400E_SOUTH SPREAD

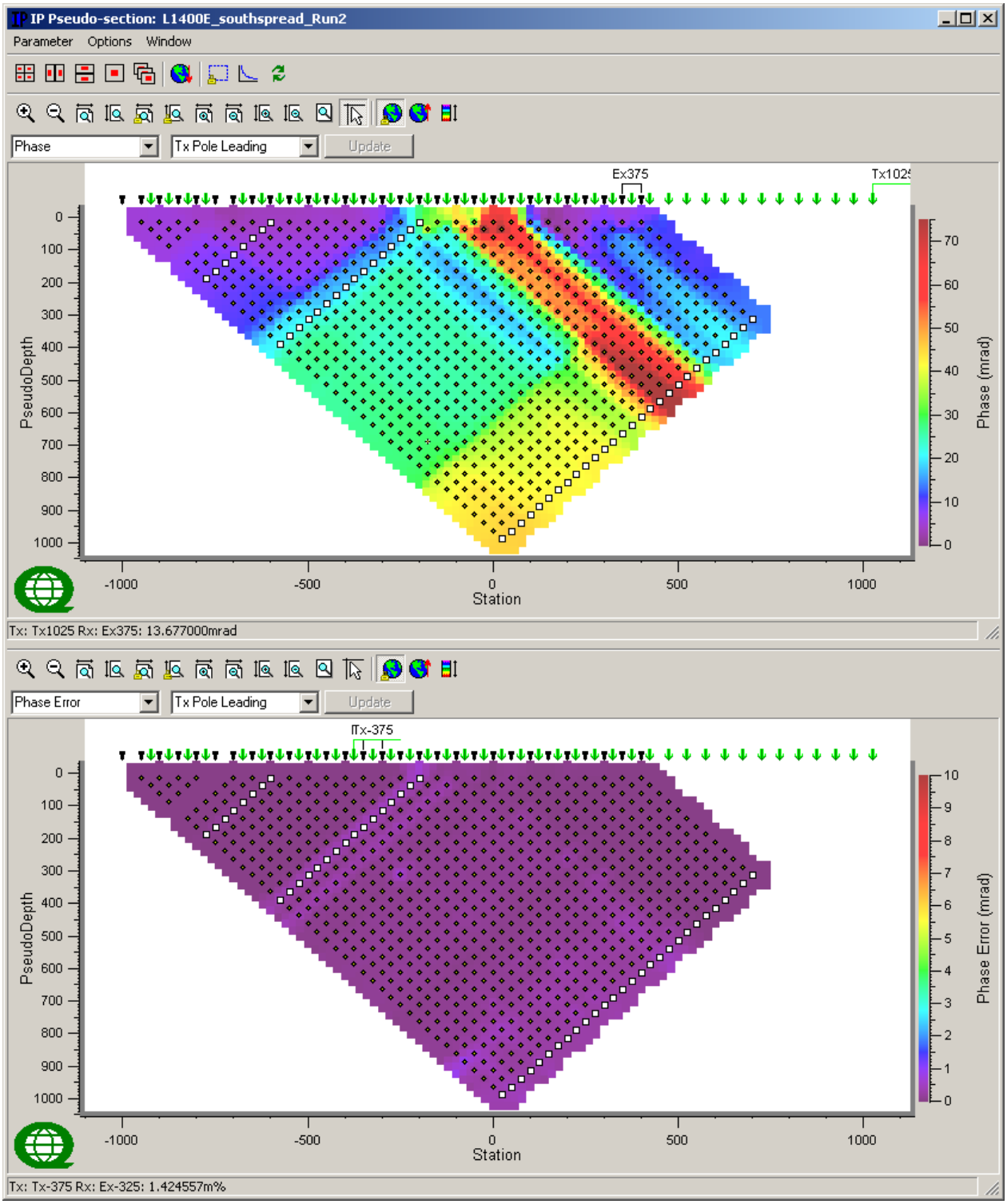
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1400E_SOUTH SPREAD

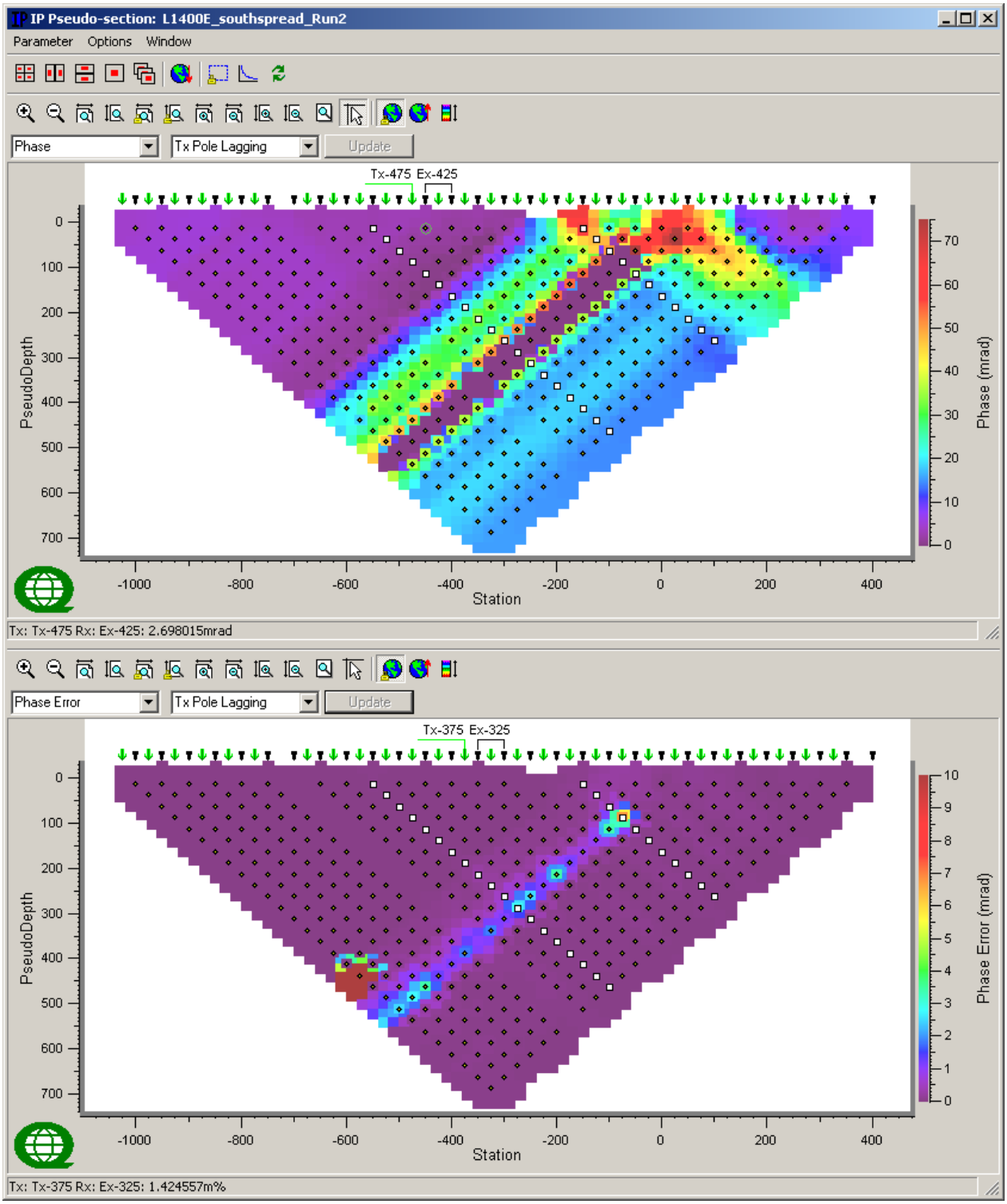
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1400E_SOUTH SPREAD

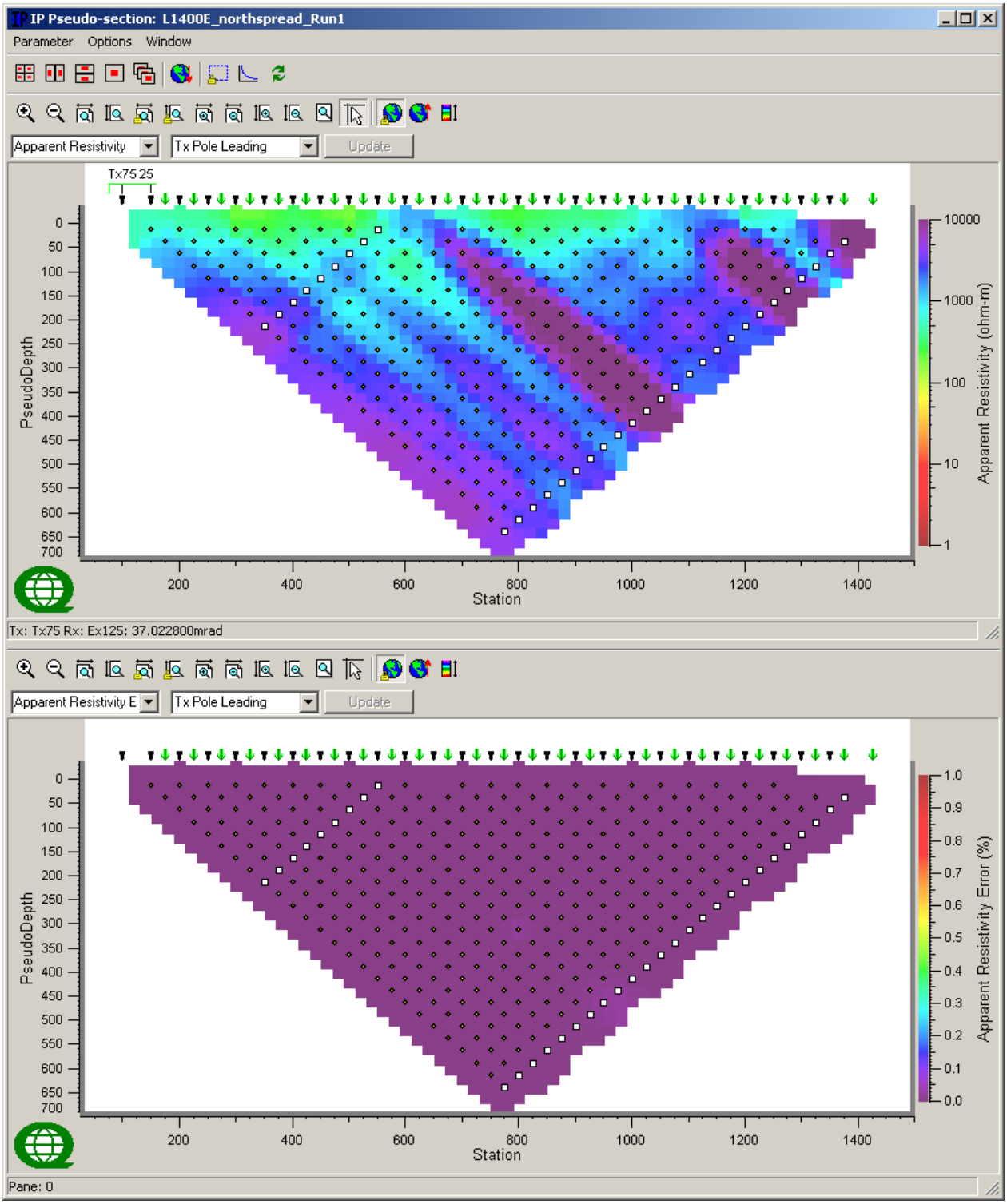
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1400E_NORTH SPREAD

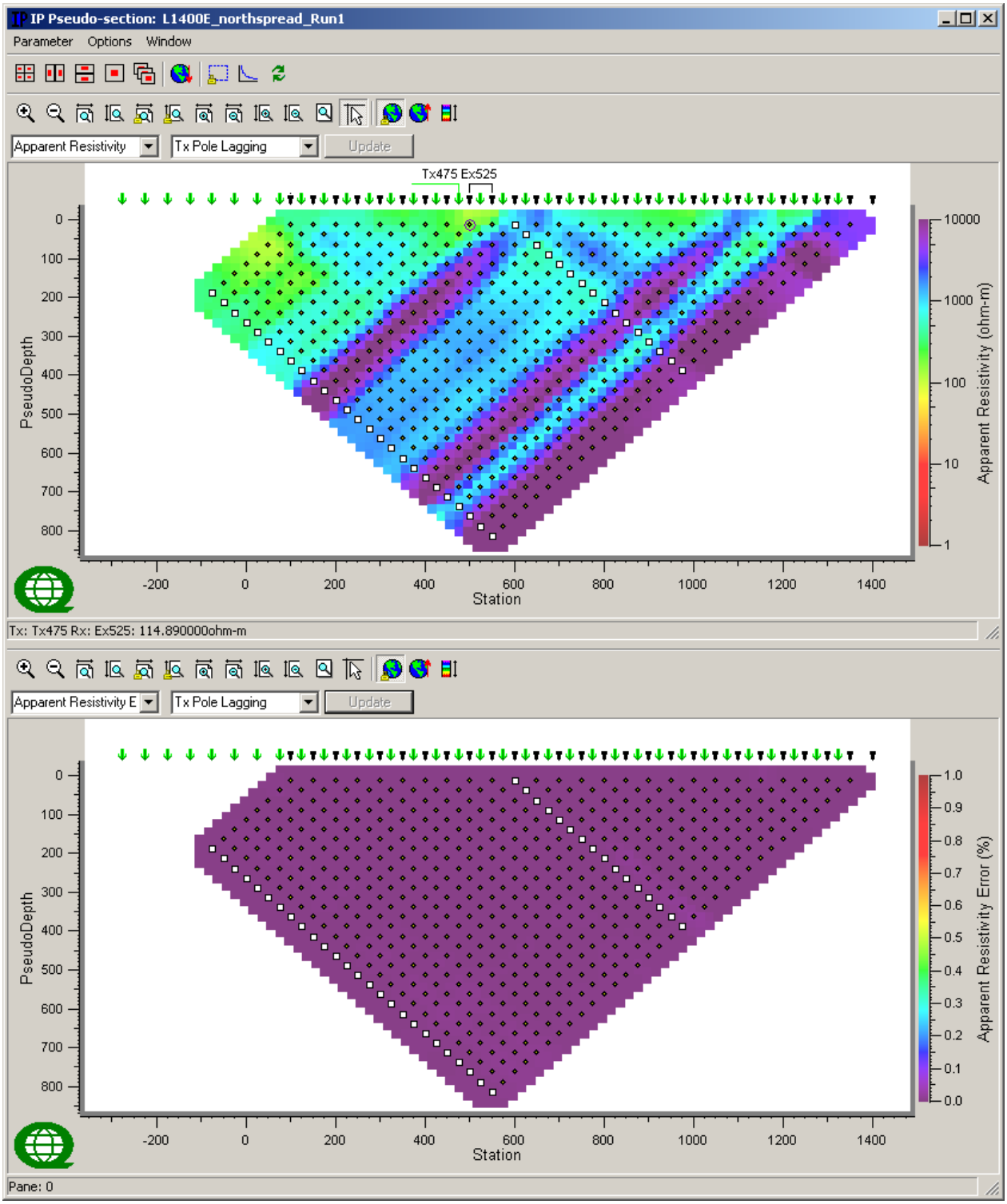
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1400E_NORTH SPREAD

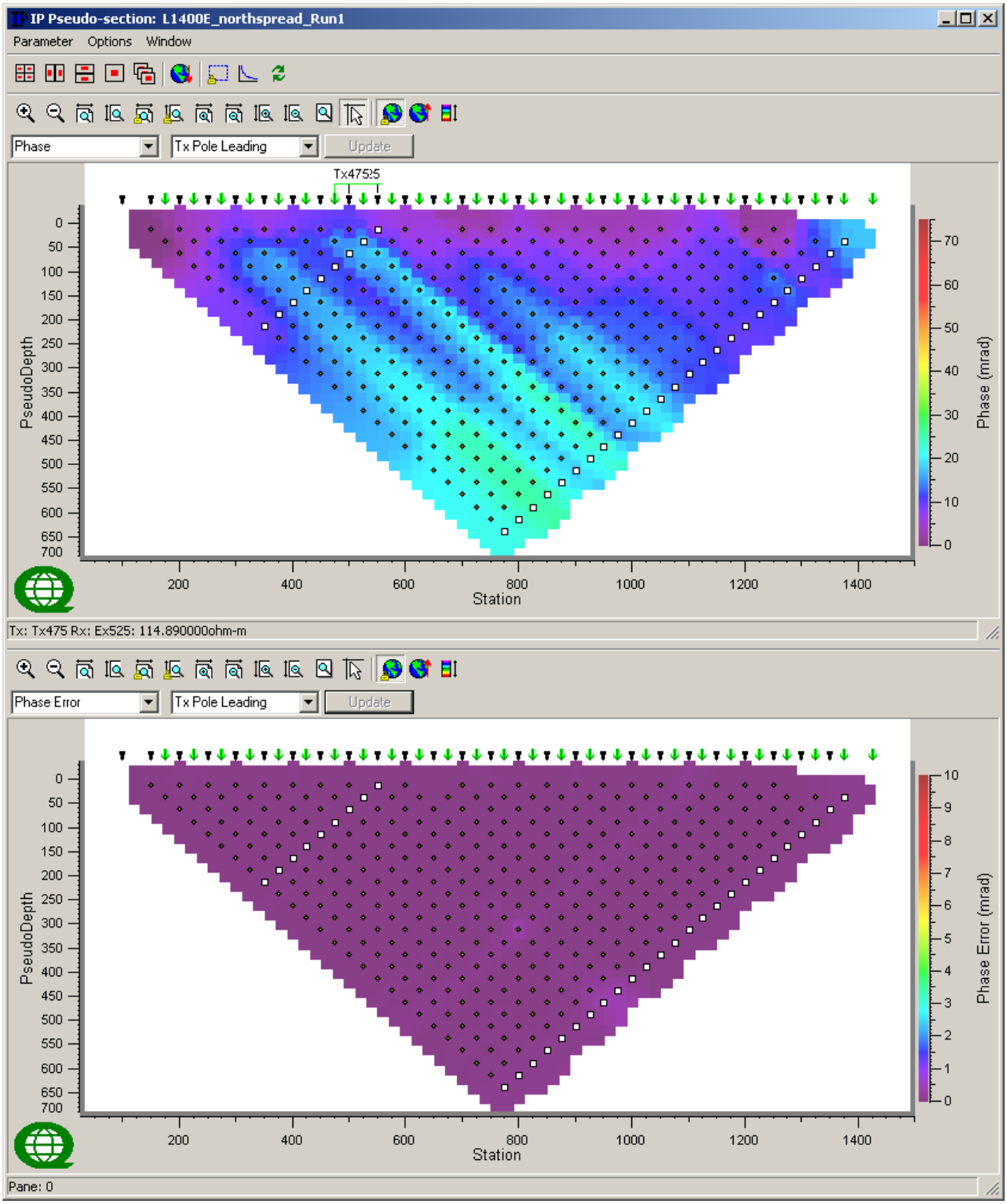
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1400E_NORTH SPREAD

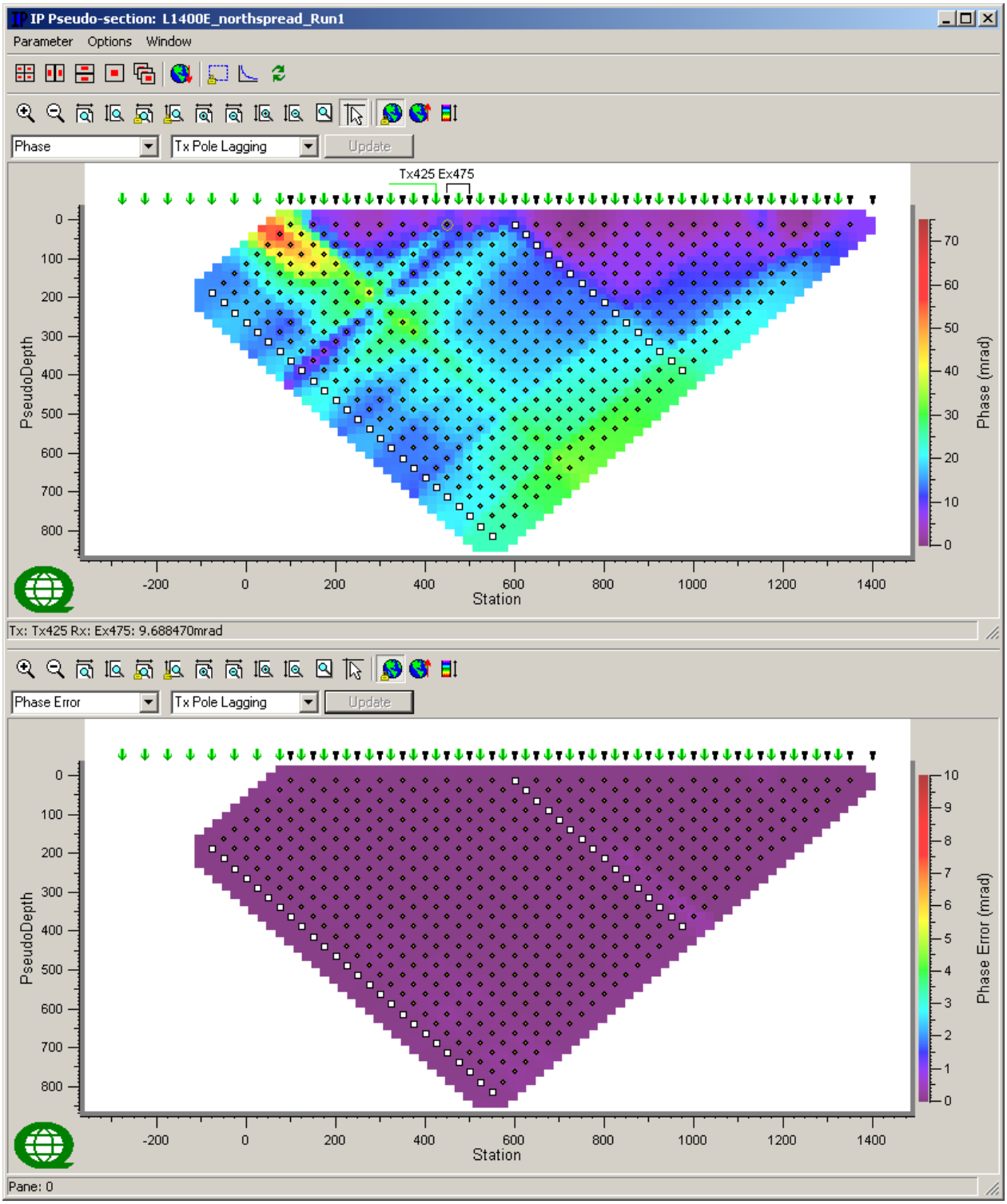
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1400E_NORTH SPREAD

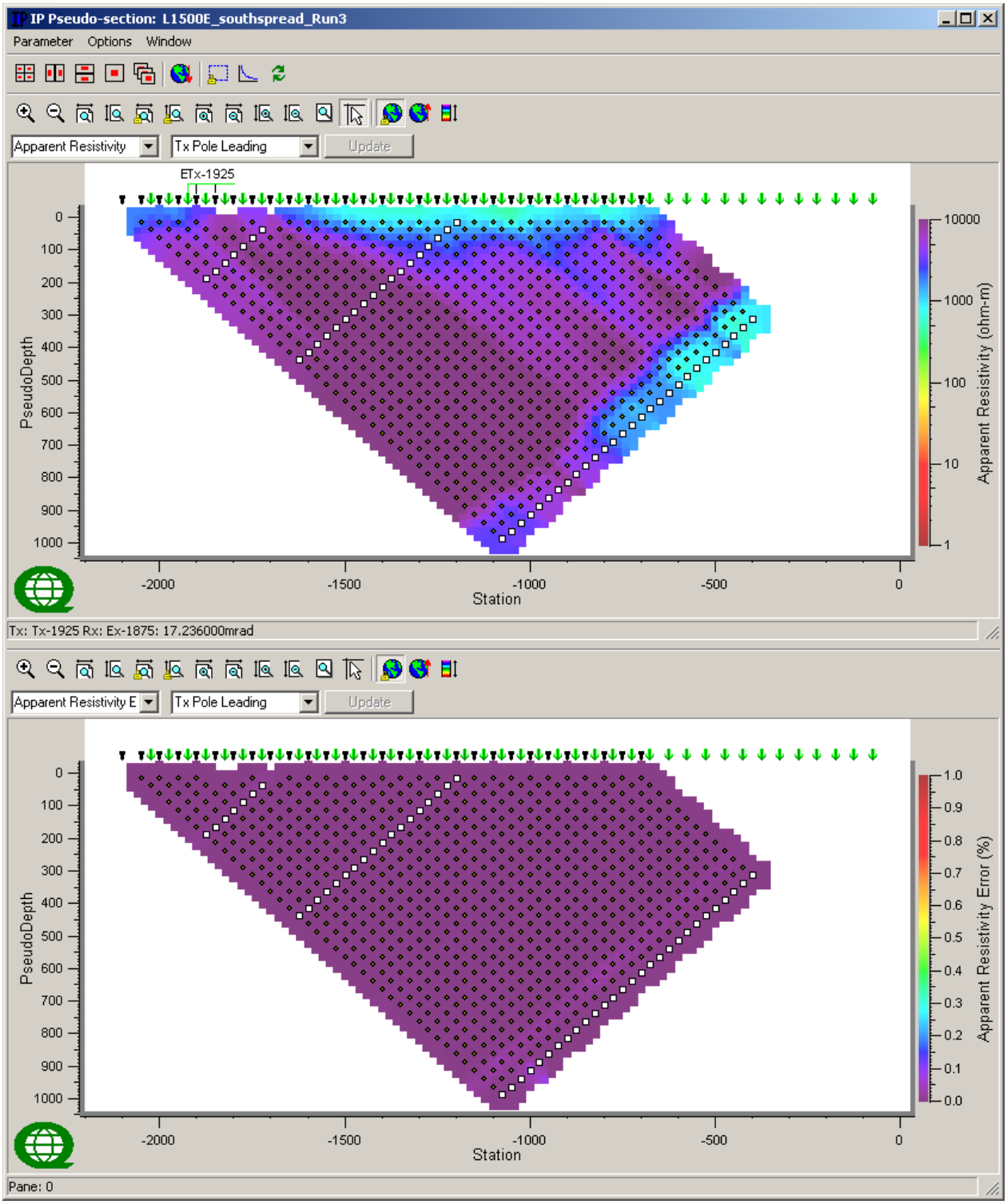
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1500E_SOUTH SPREAD

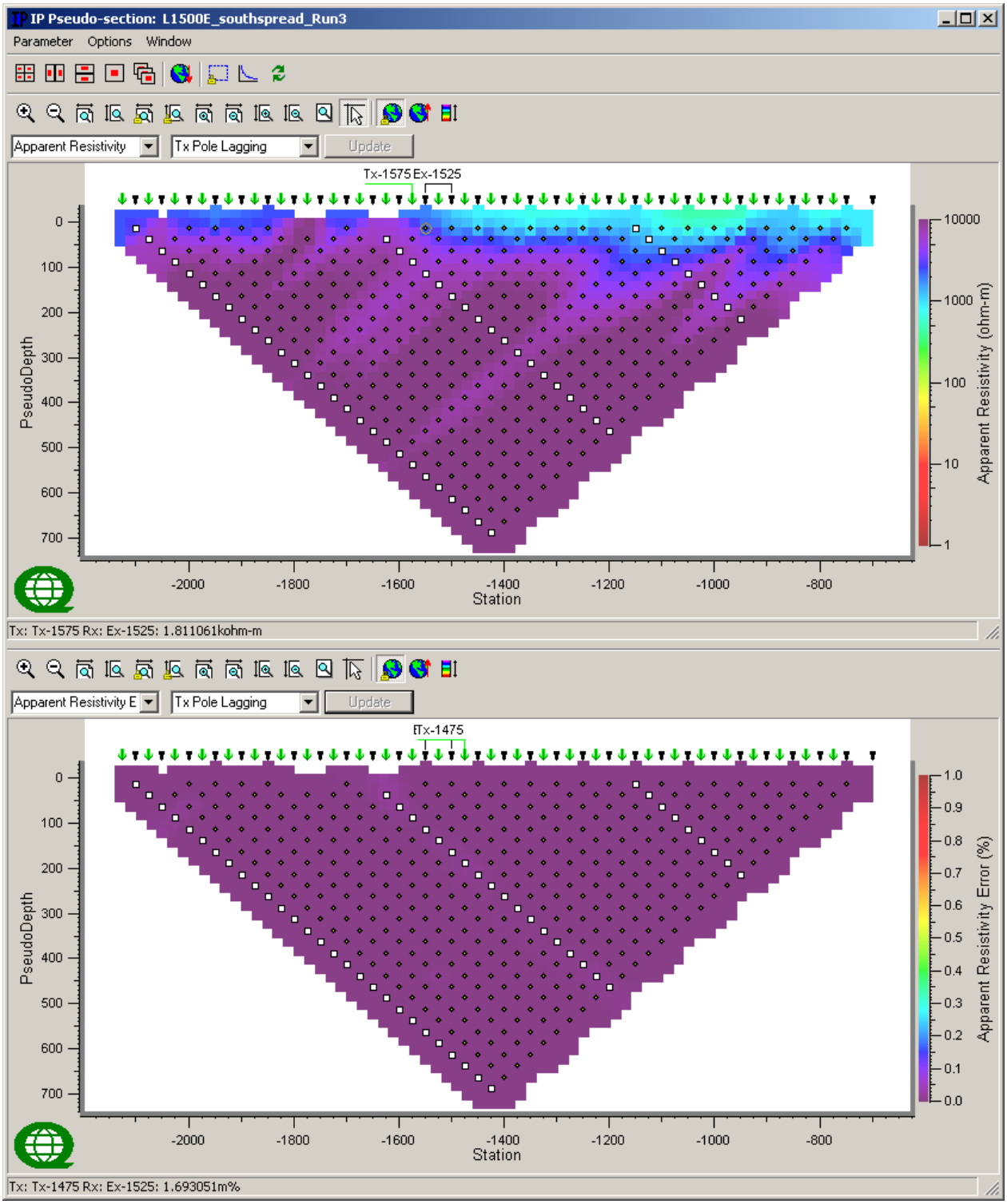
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1500E_SOUTH SPREAD

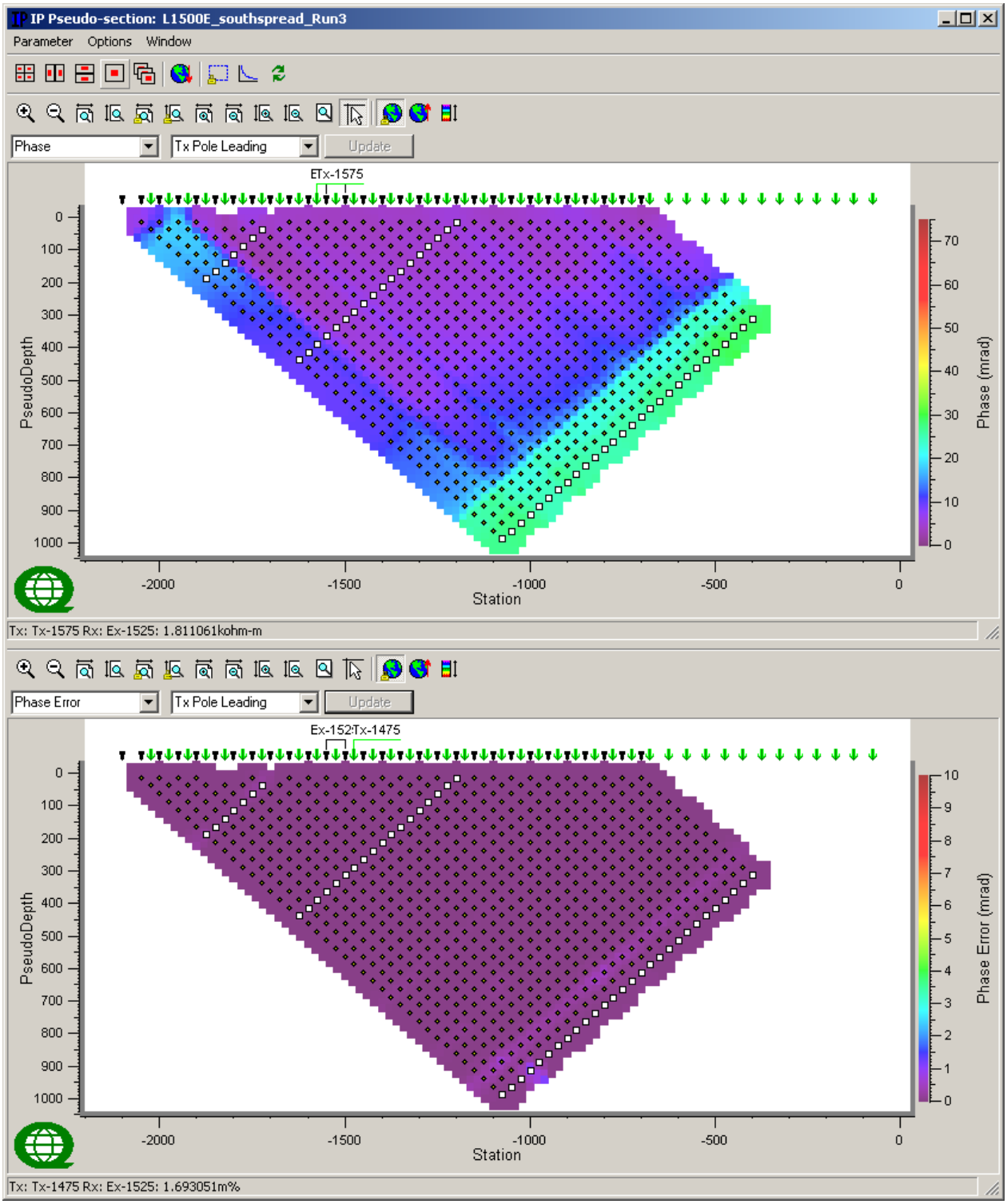
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1500E_SOUTH SPREAD

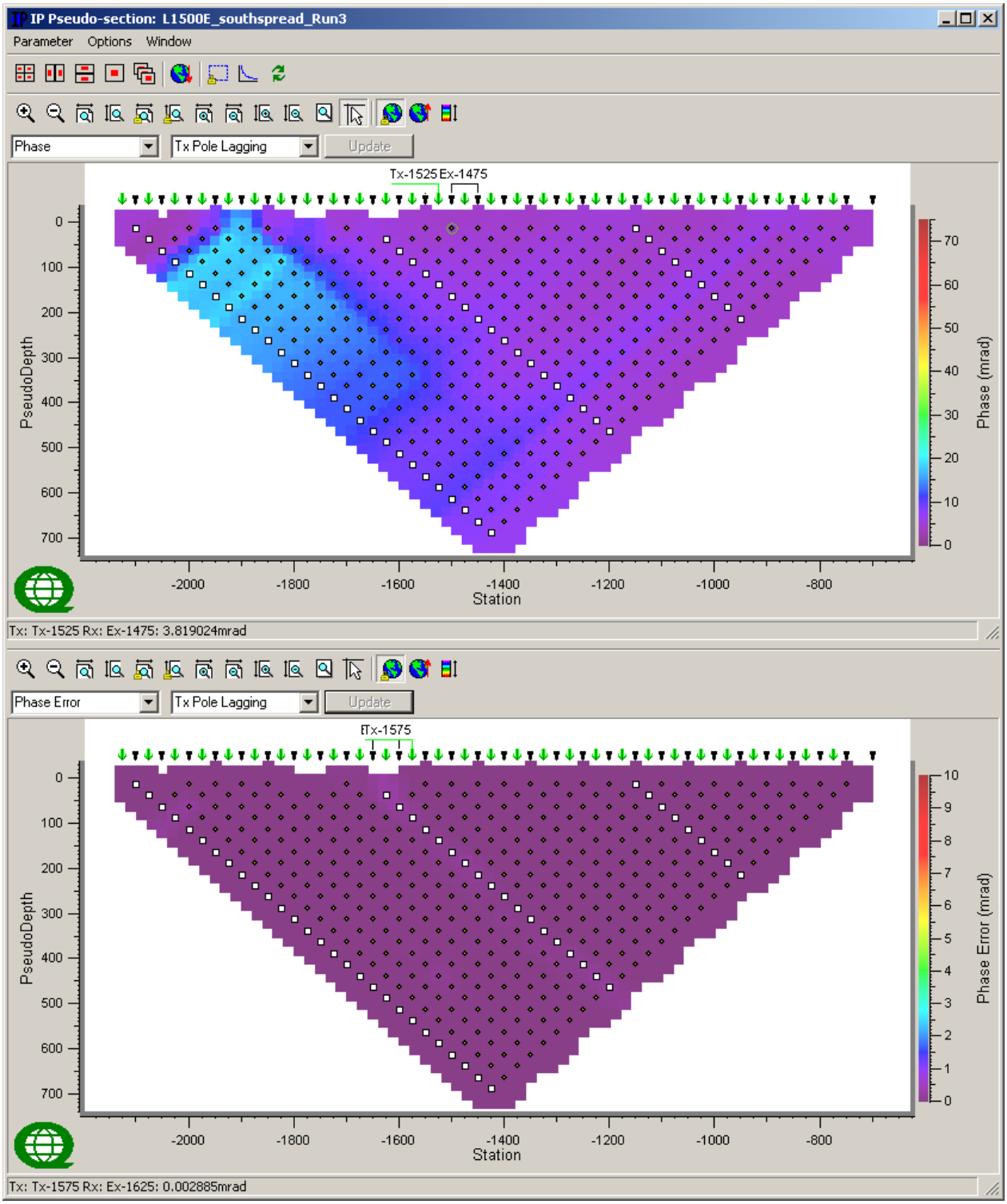
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1500E_SOUTH SPREAD

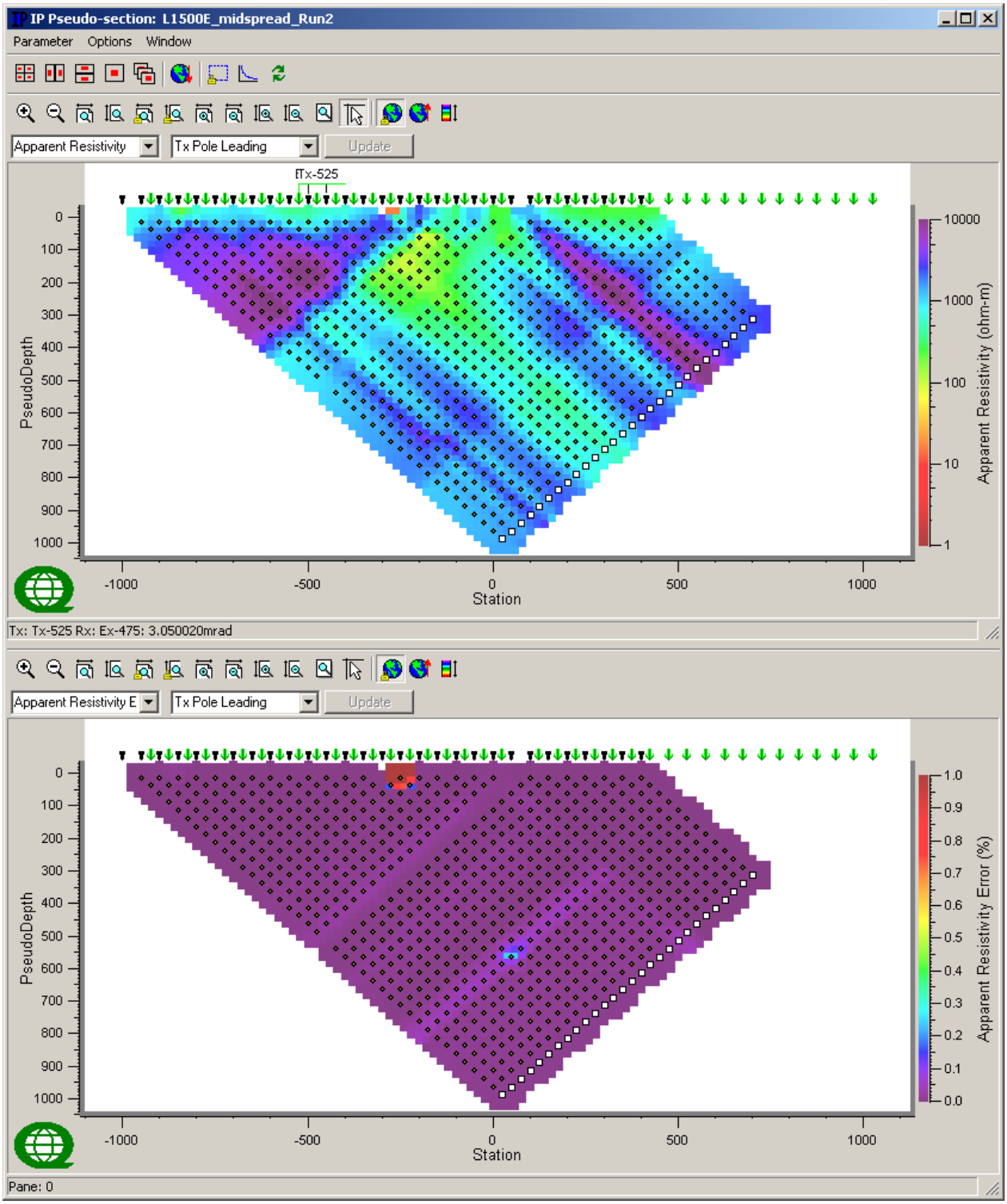
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1500E_MIDDLE SPREAD

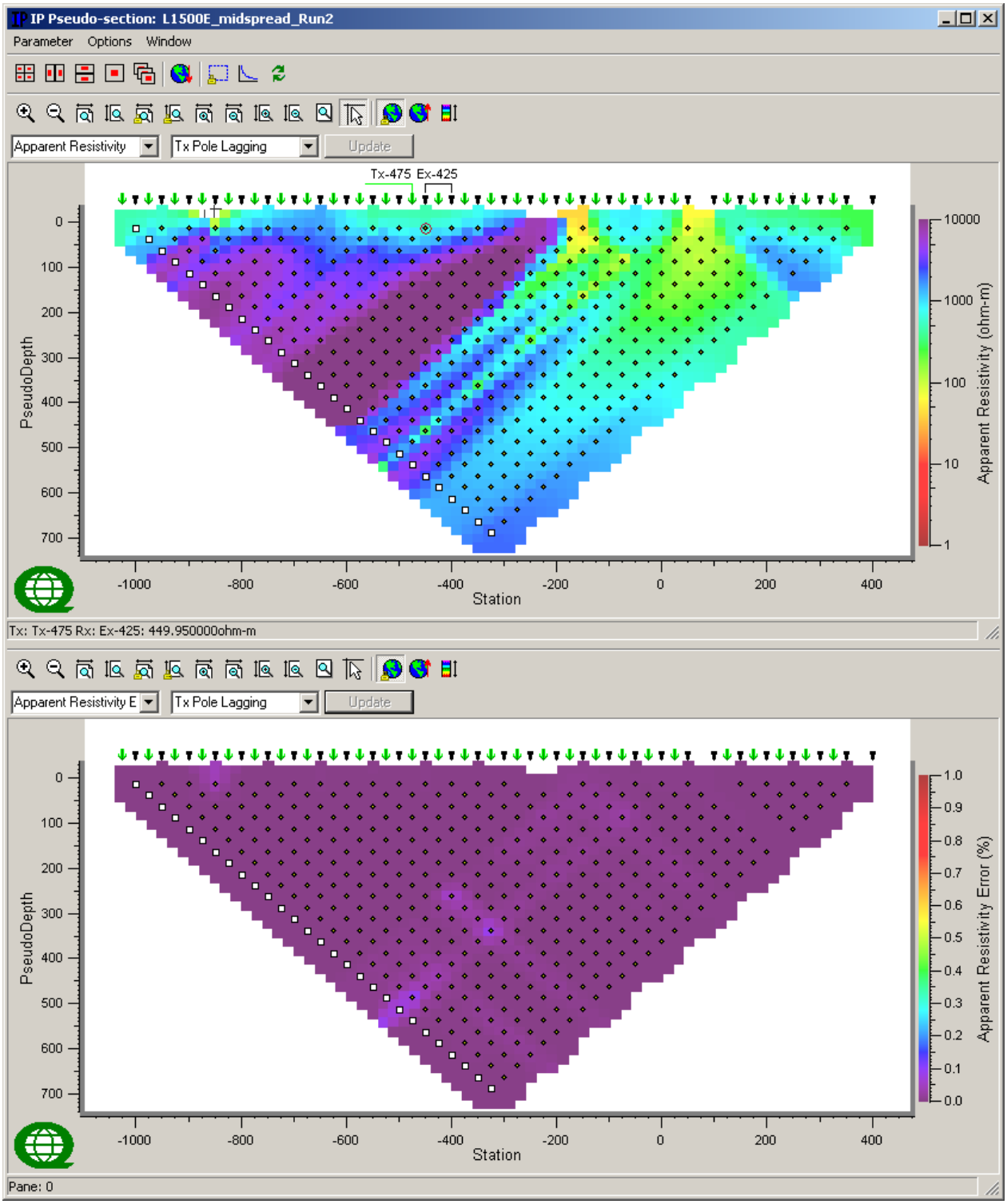
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1500E_MIDDLE SPREAD

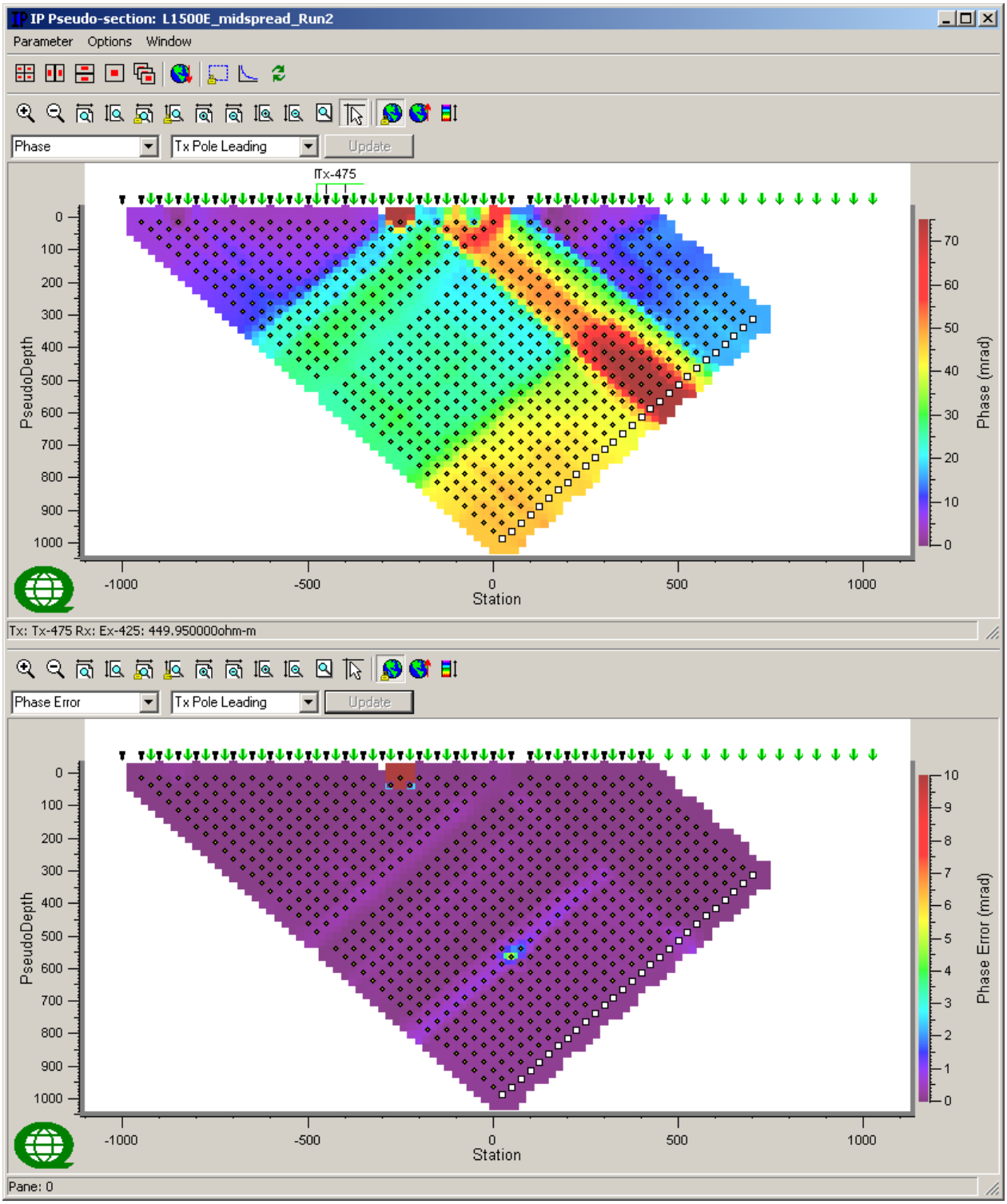
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1500E_MIDDLE SPREAD

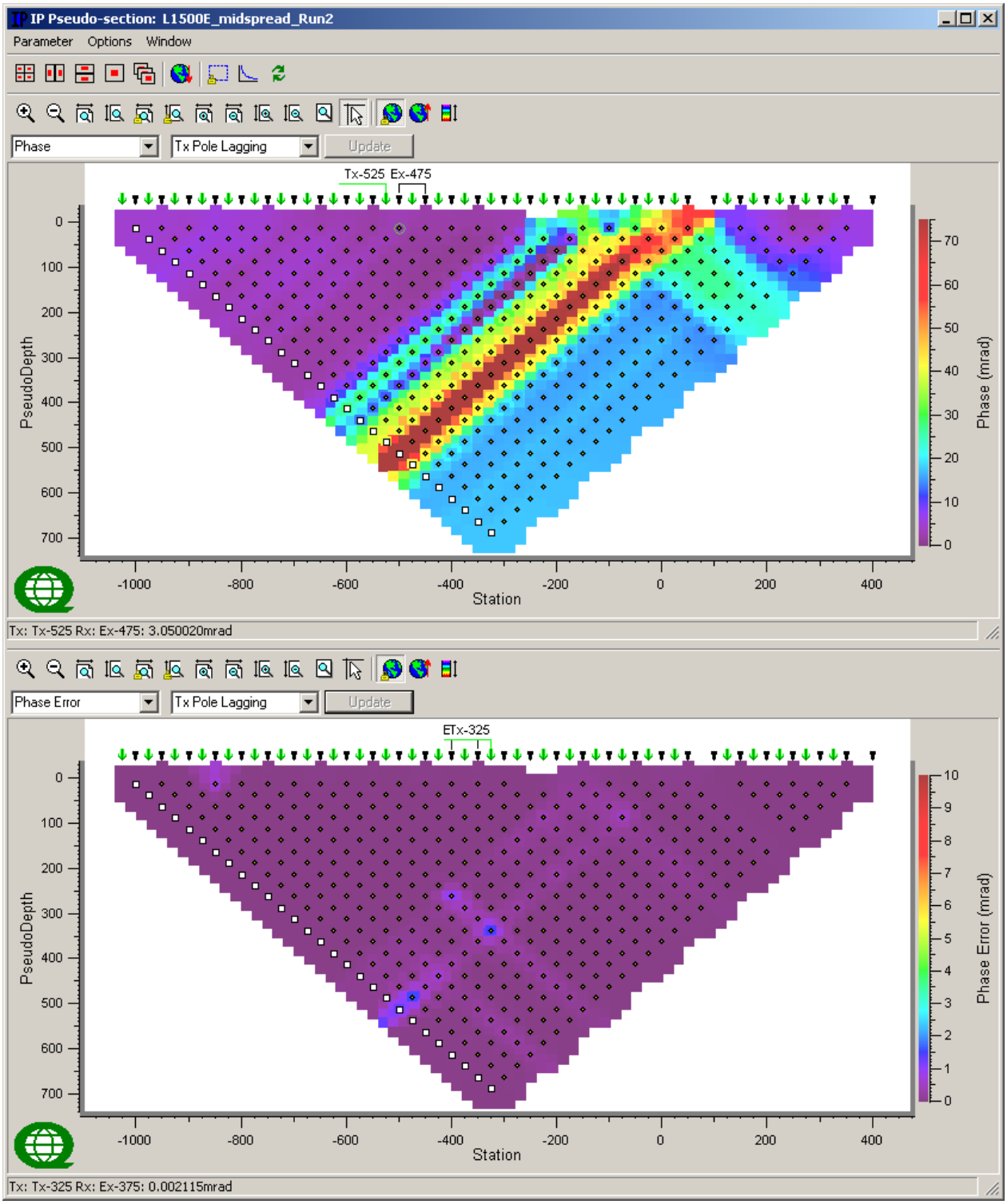
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1500E_MIDDLE SPREAD

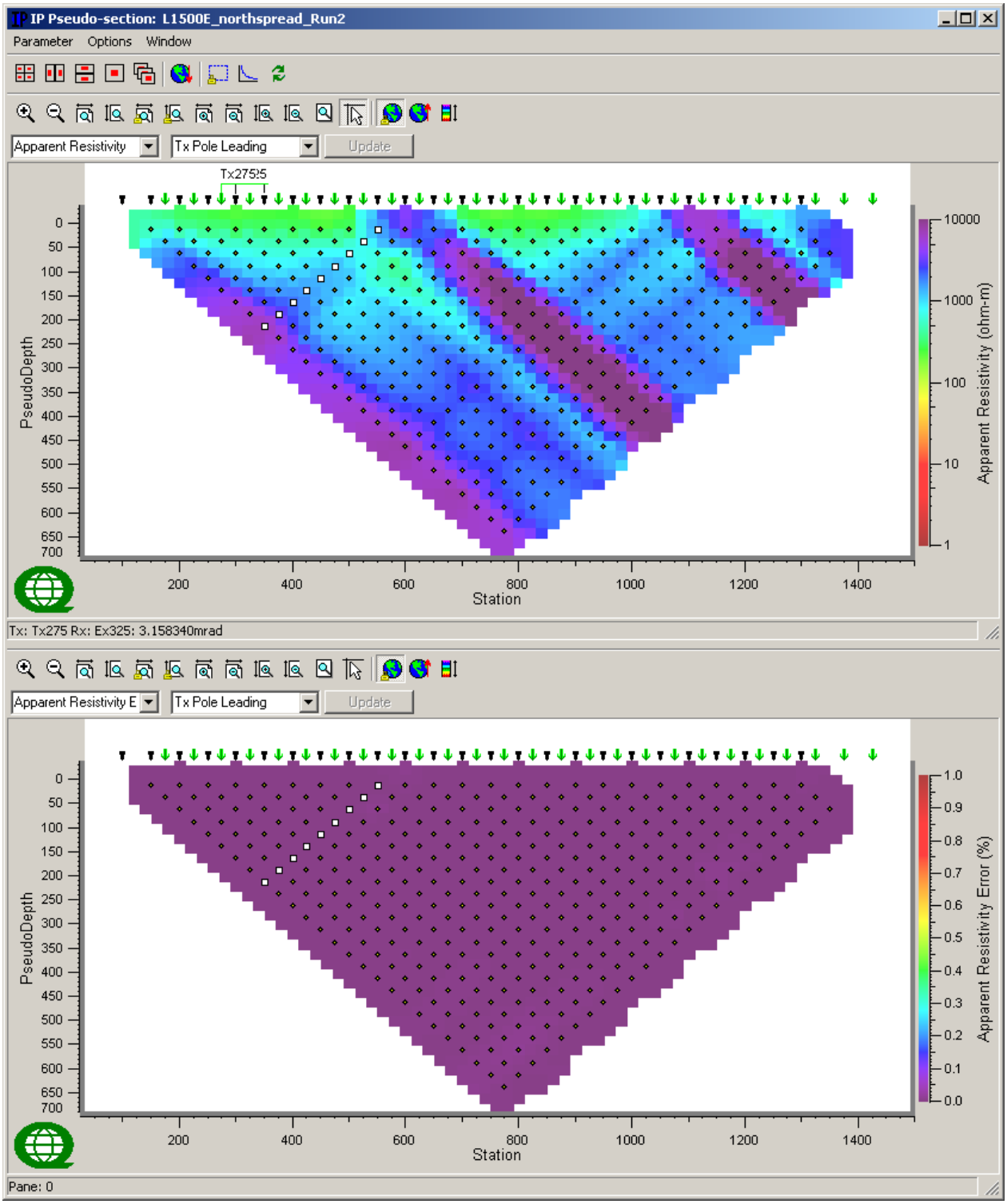
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1500E_NORTH SPREAD

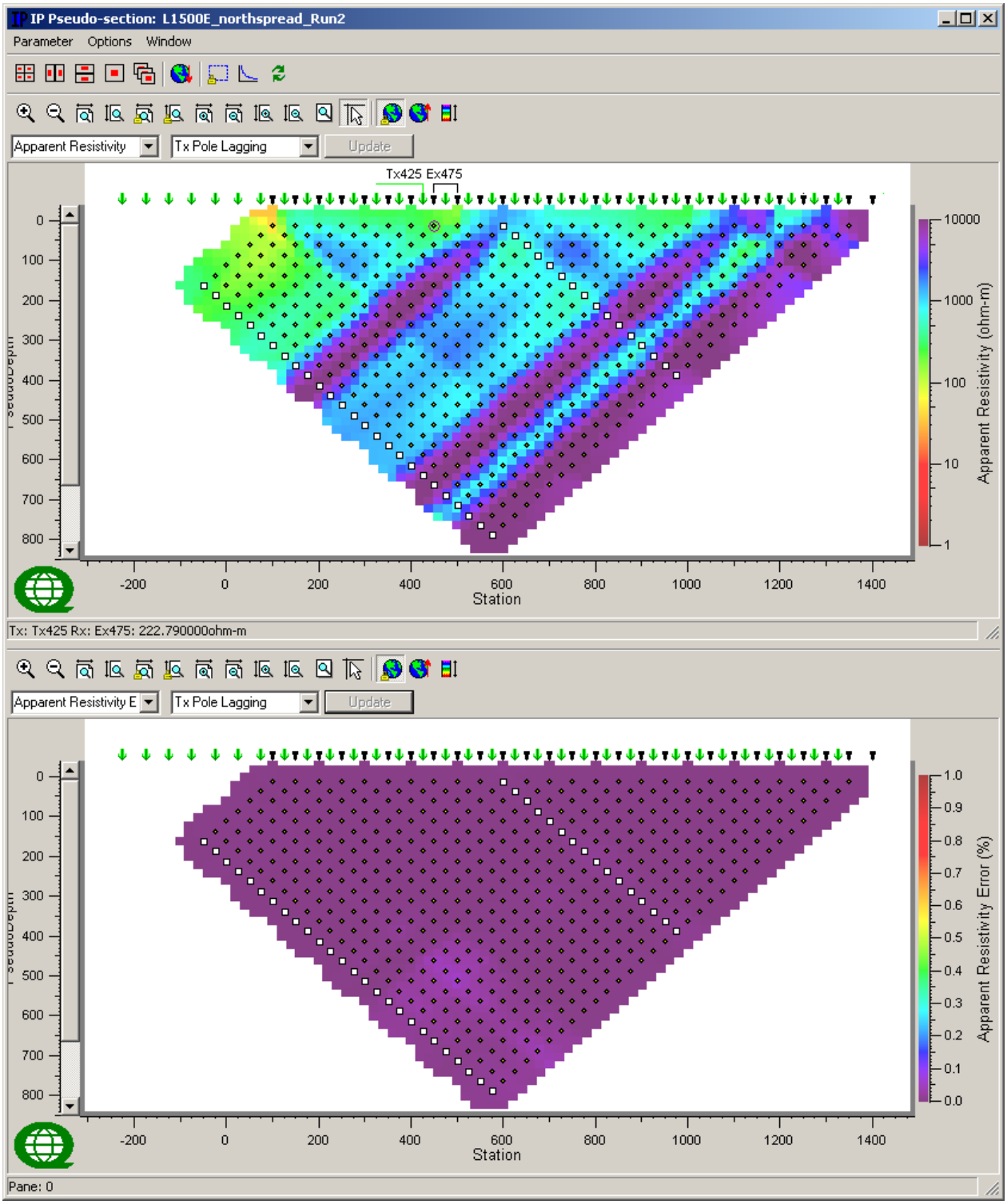
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1500E_NORTH SPREAD

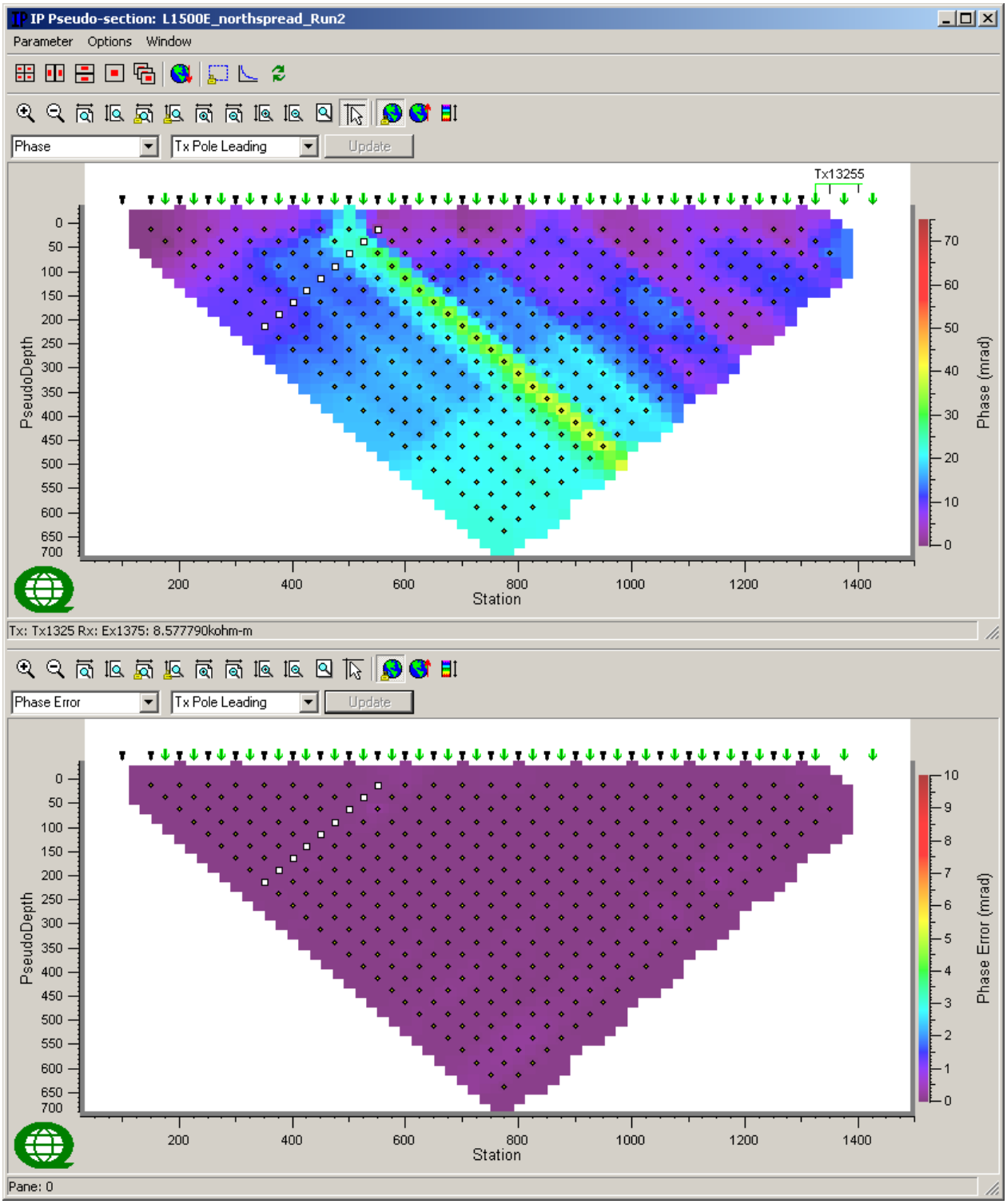
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1500E_NORTH SPREAD

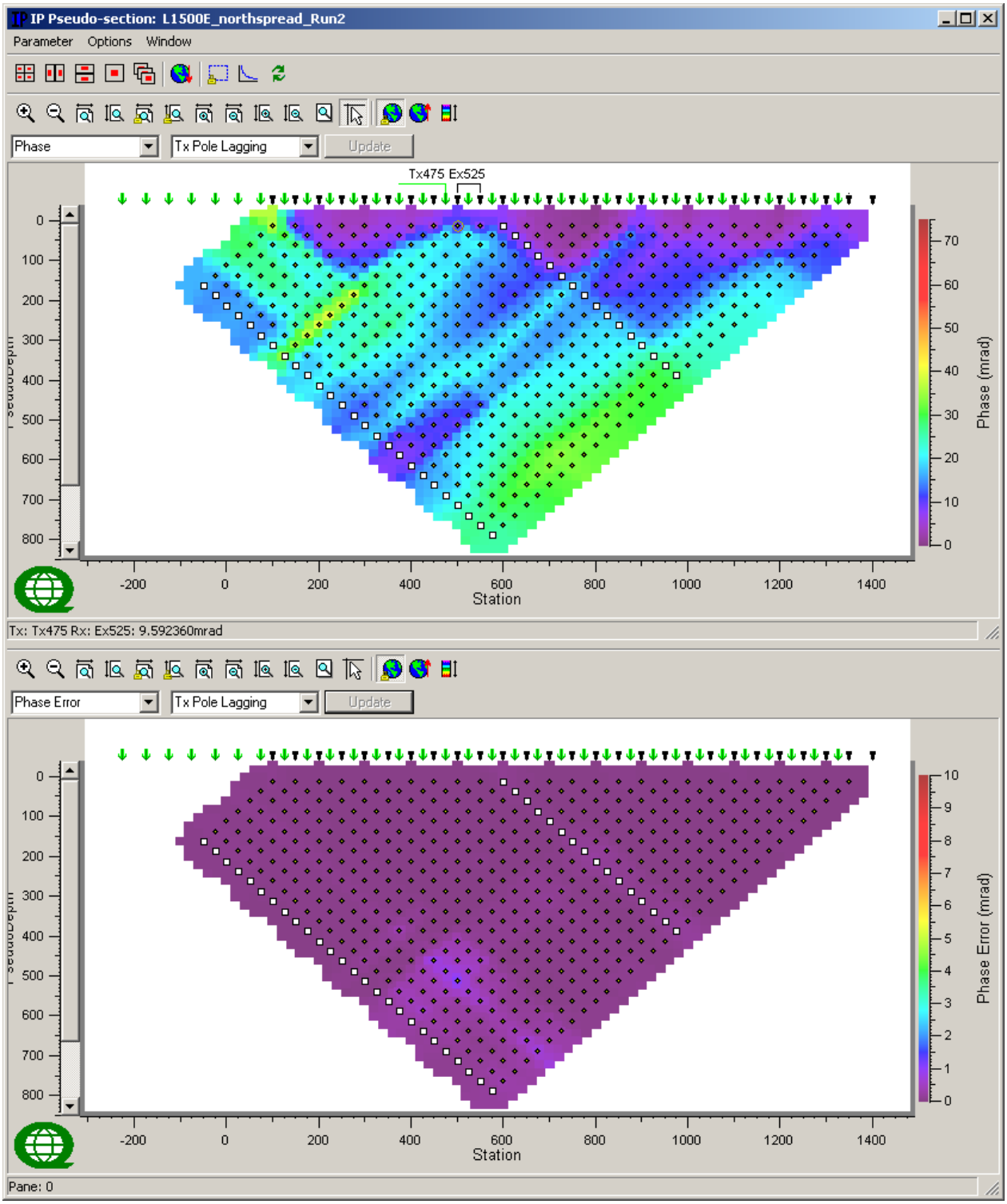
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1500E_NORTH SPREAD

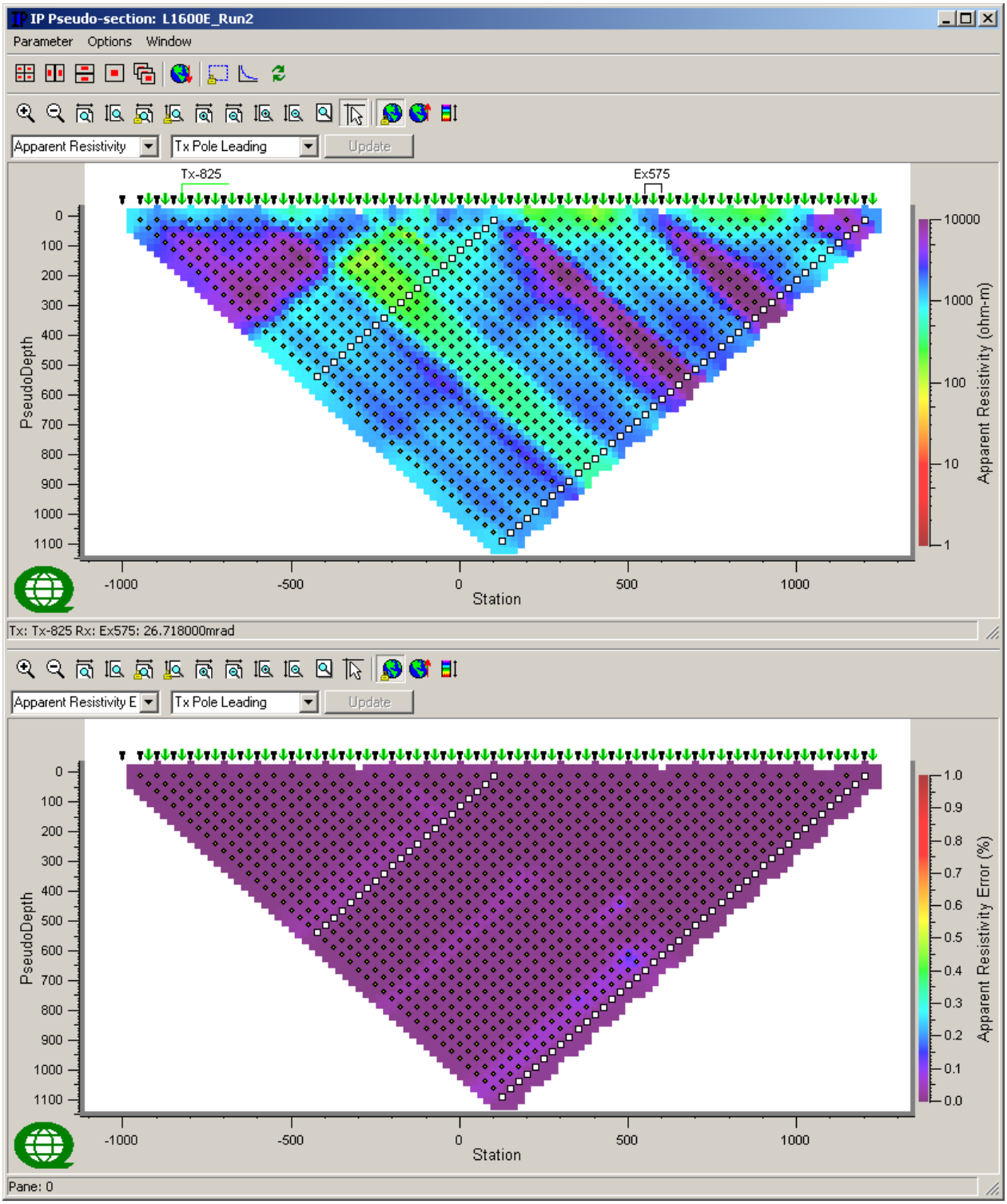
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1600E

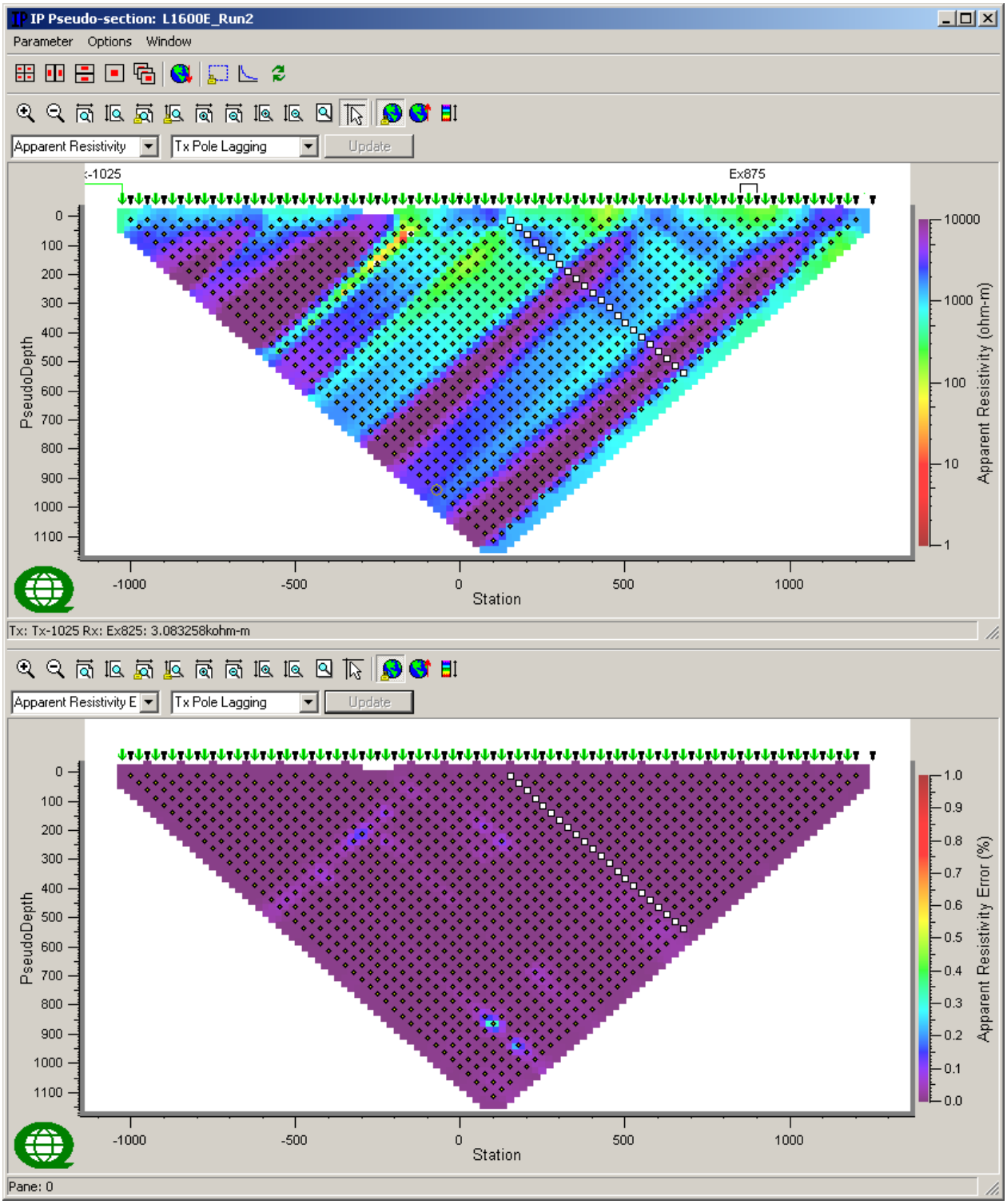
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1600E

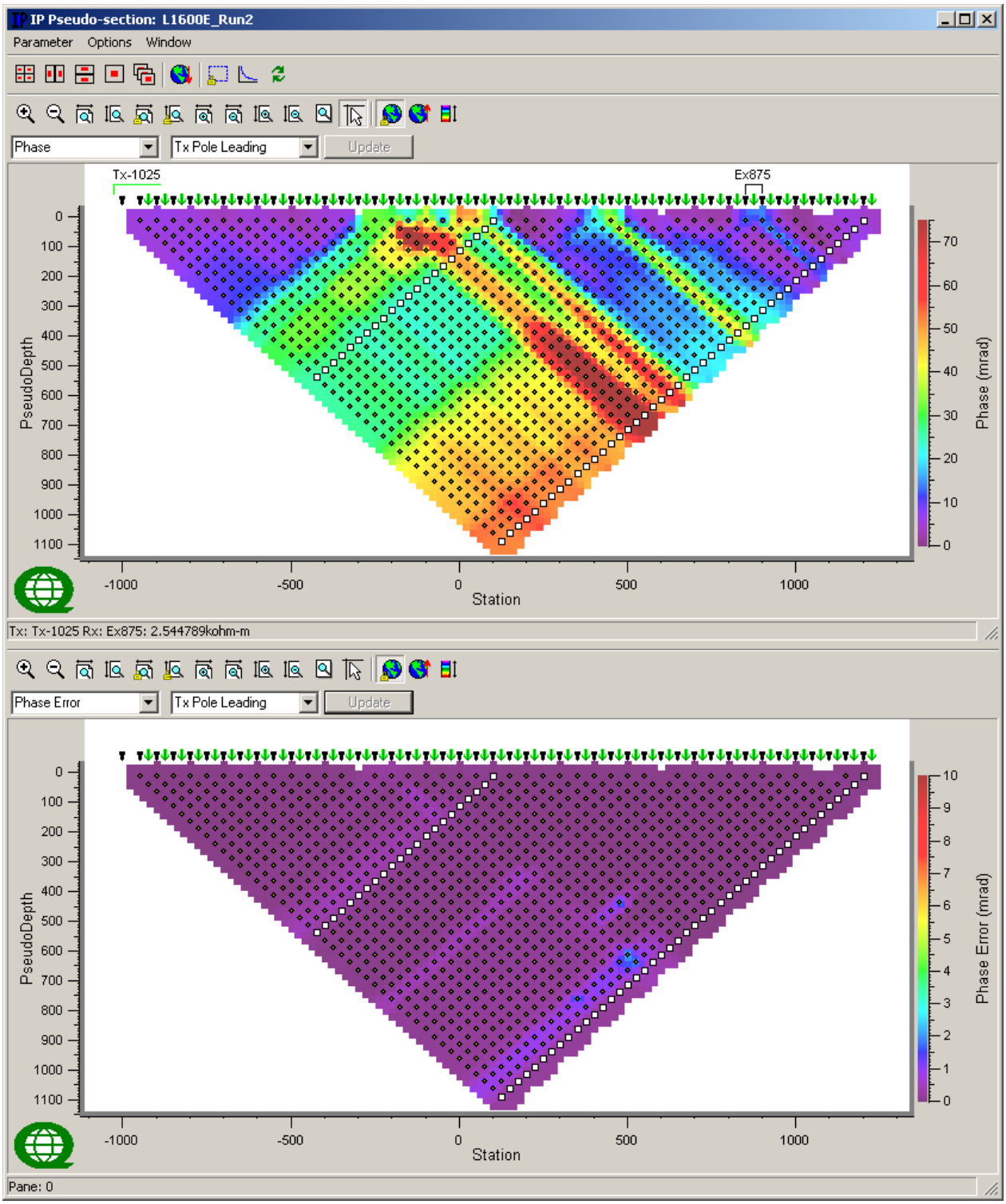
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1600E

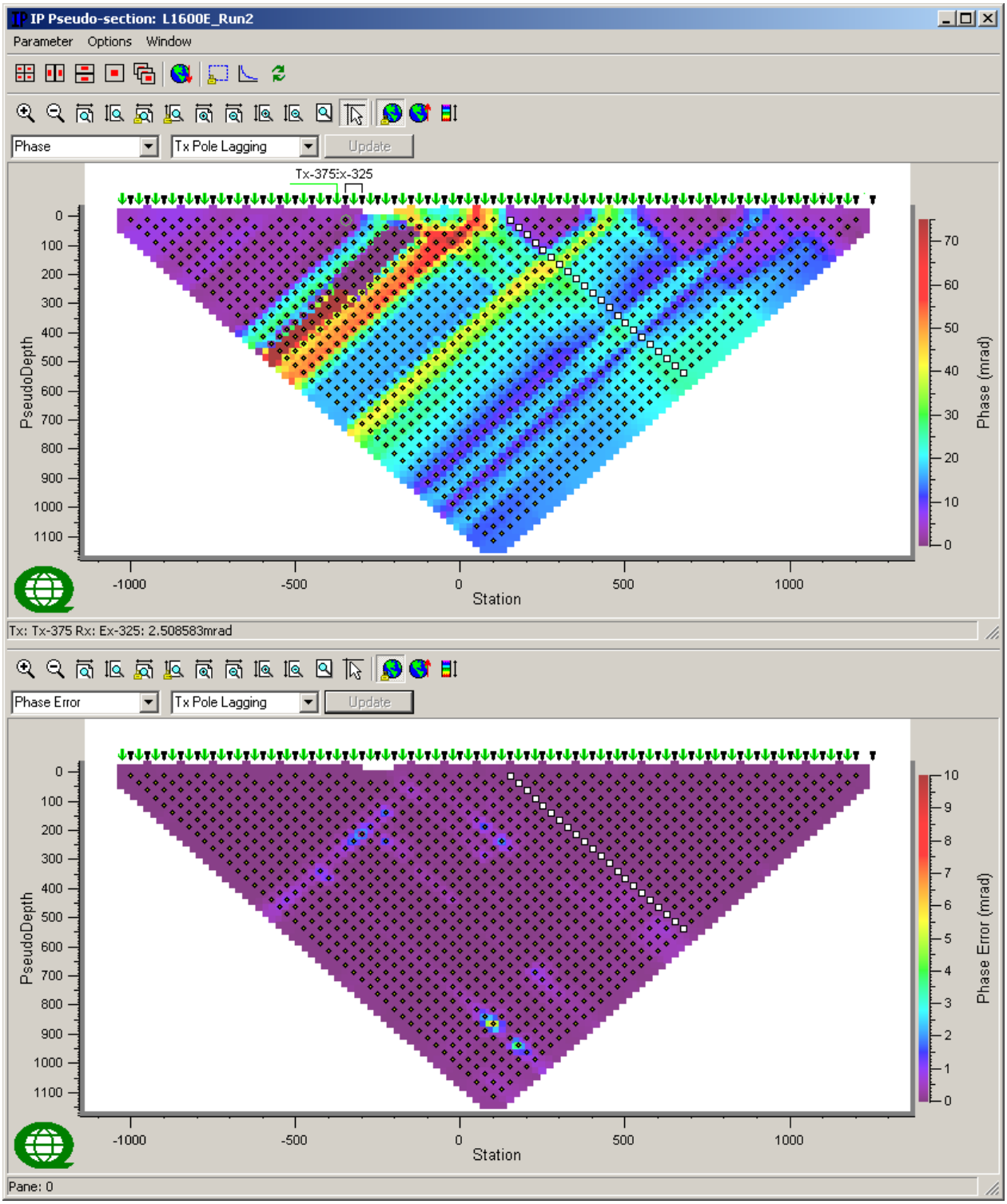
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1600E

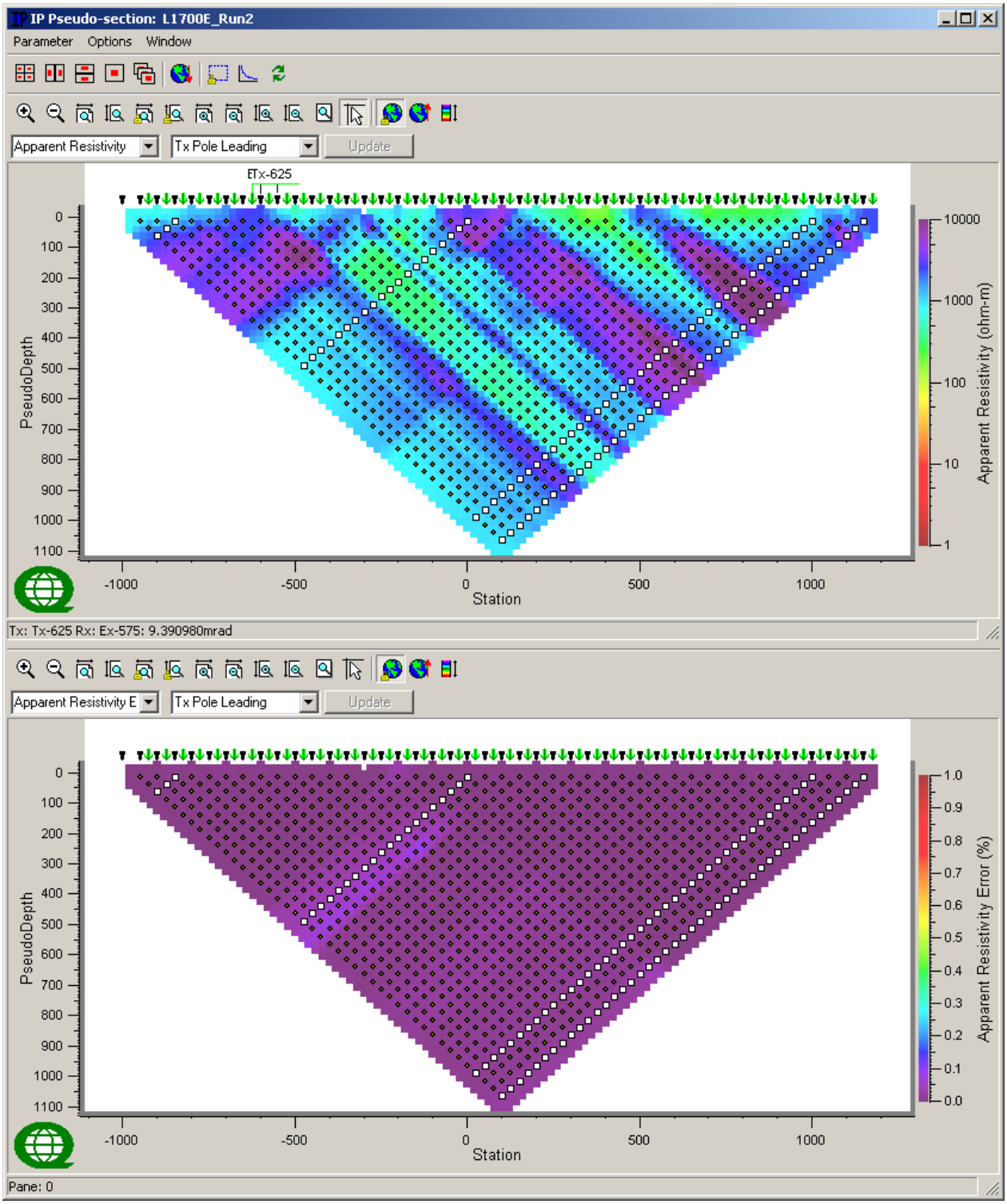
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1700E

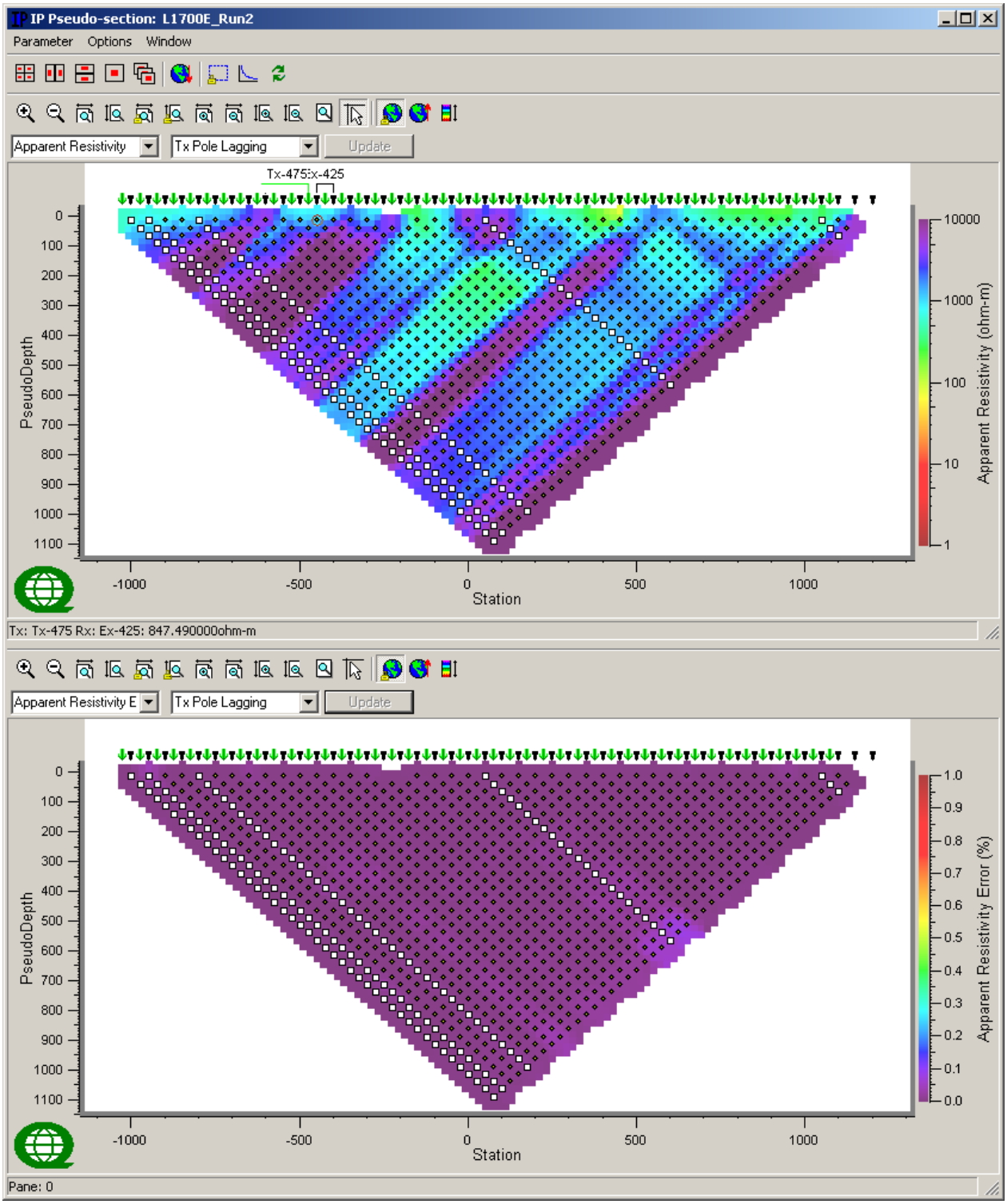
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

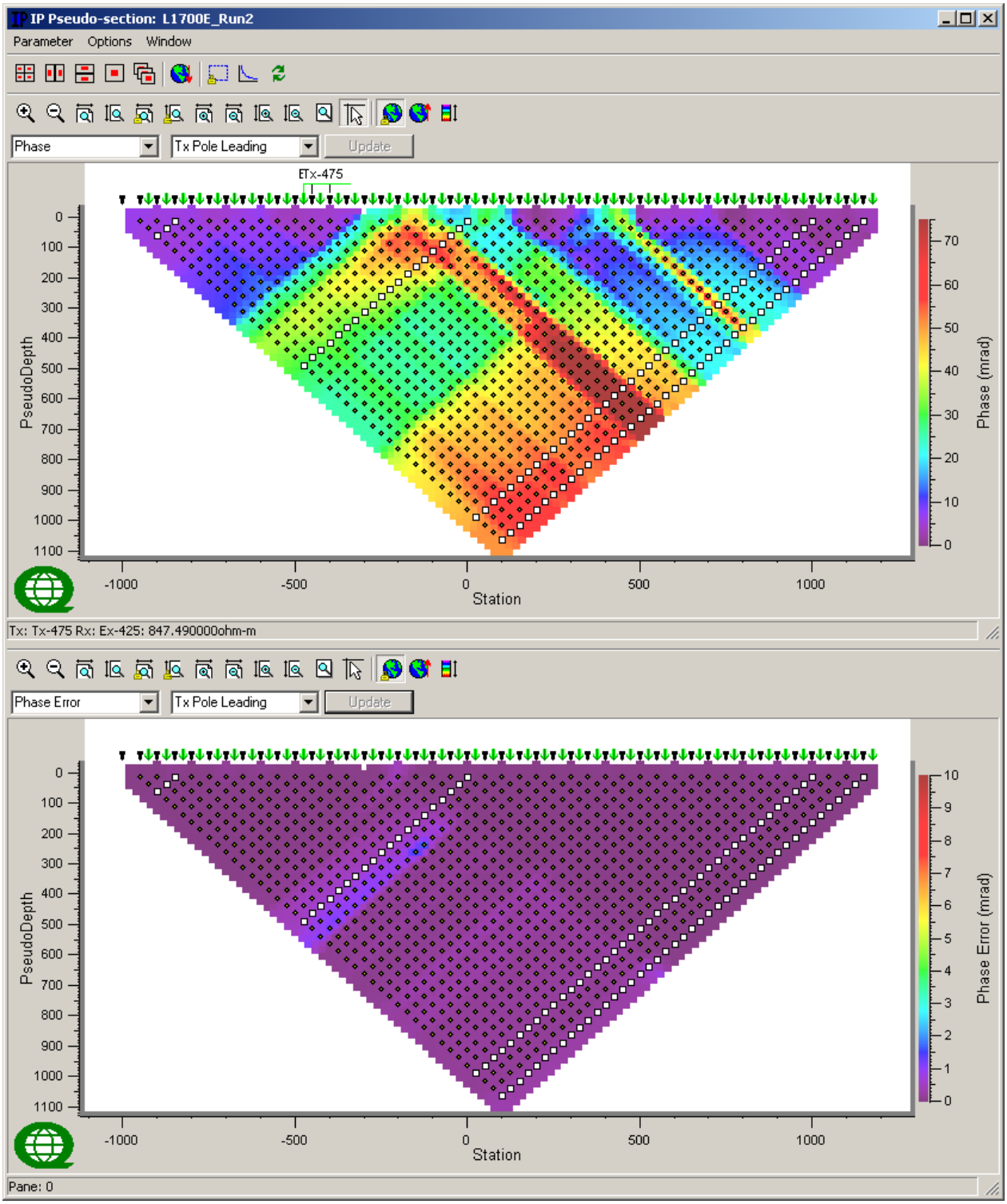
LINE 1700E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 1700E

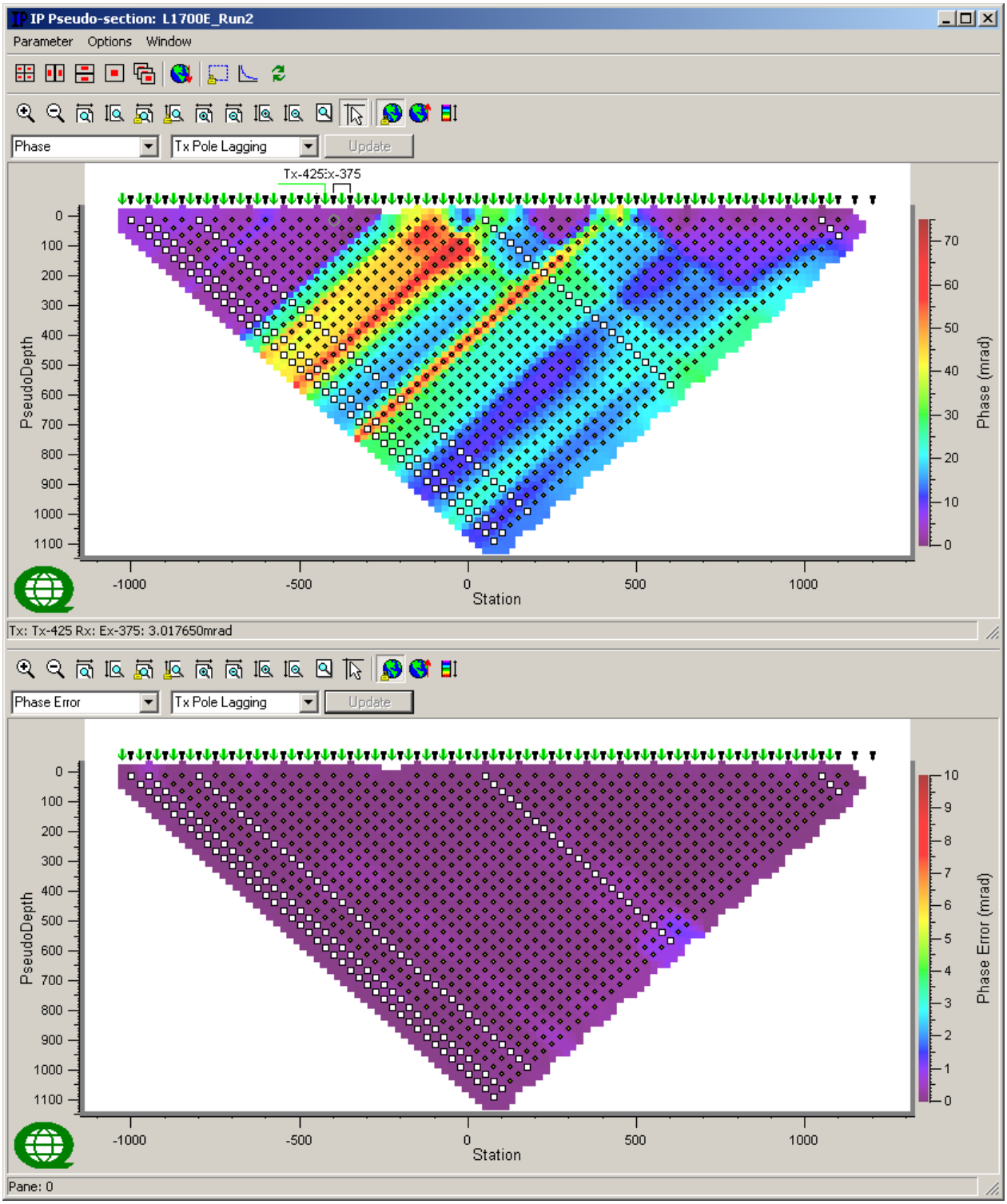
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1700E

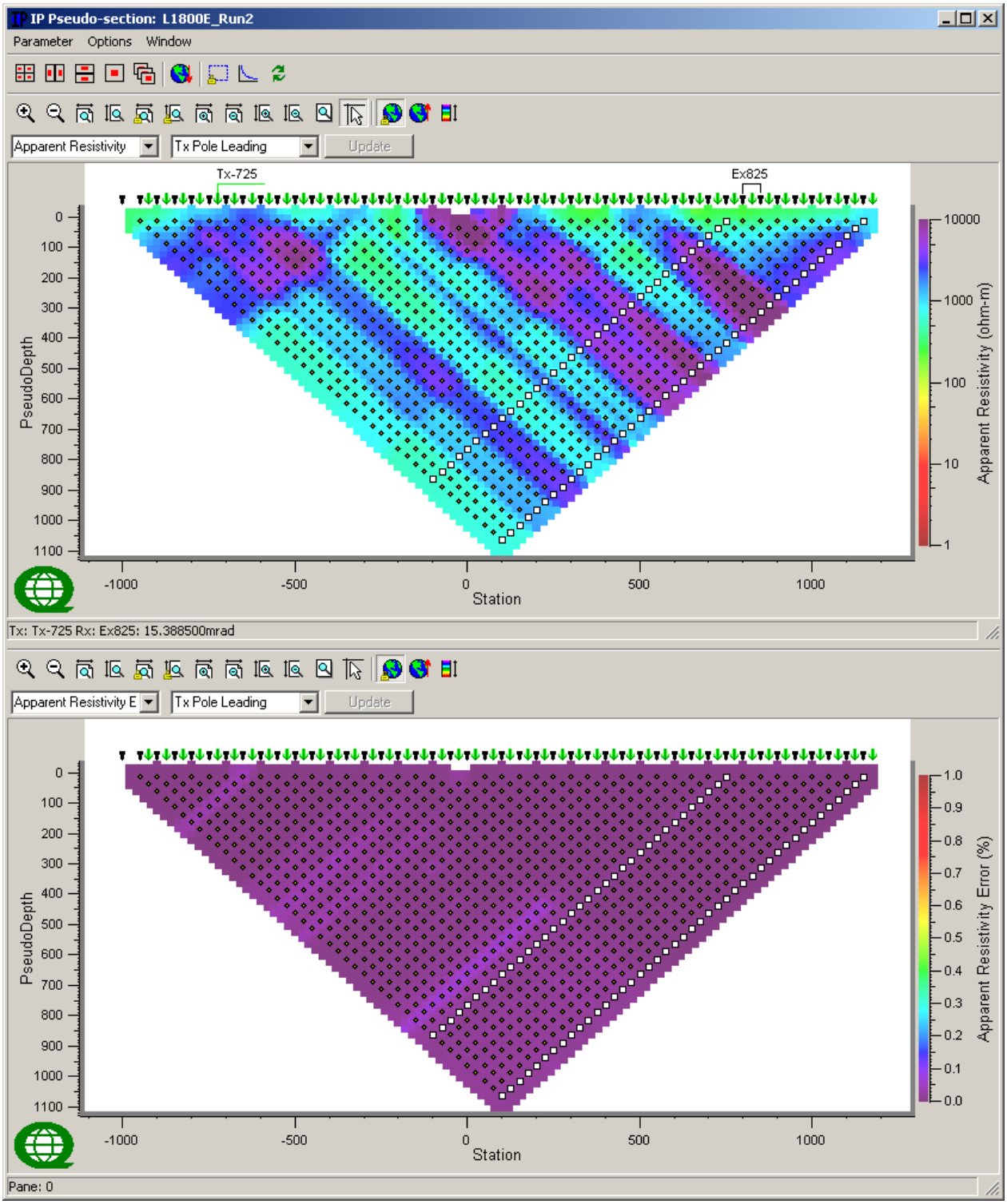
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 1800E

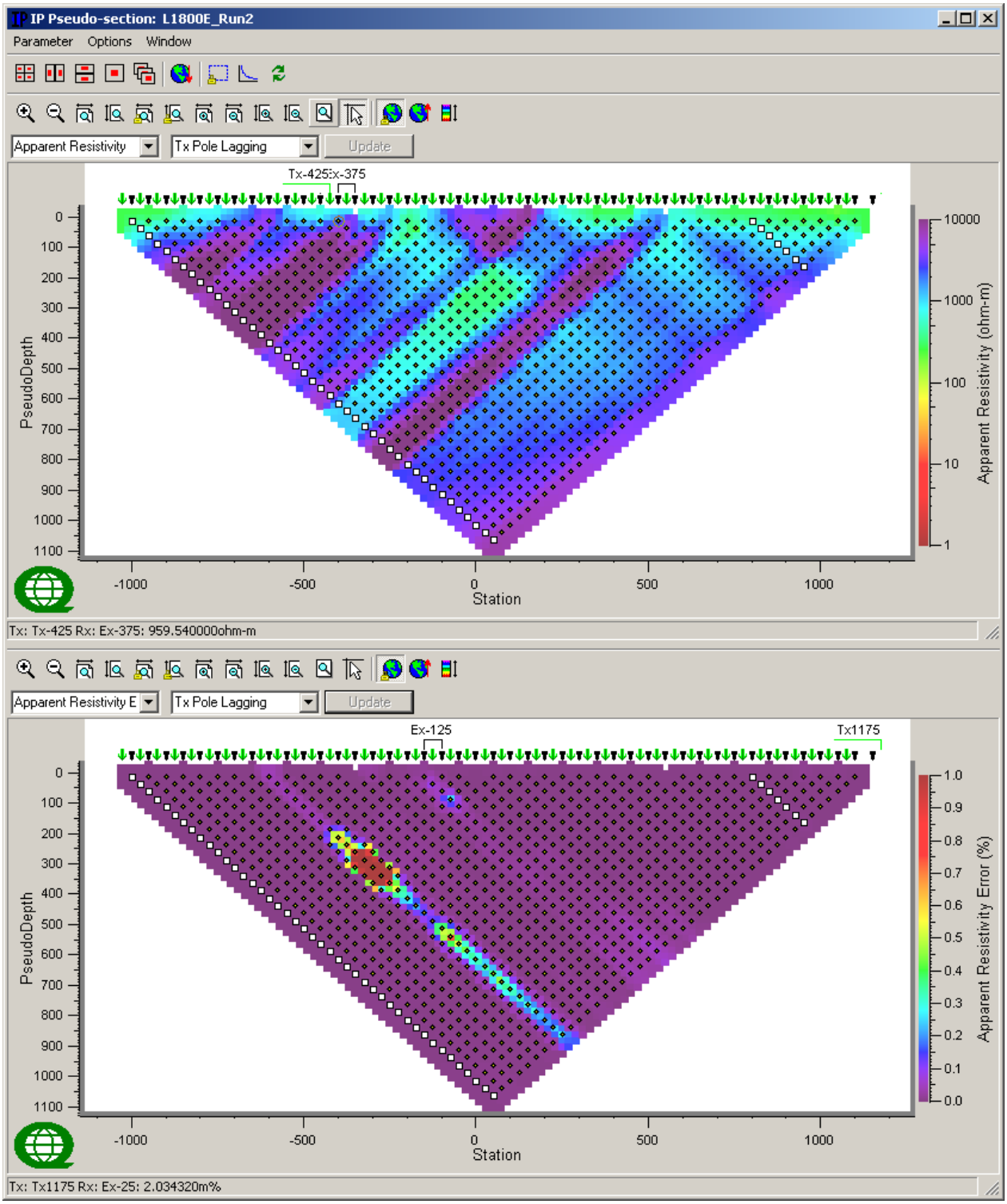
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 1800E

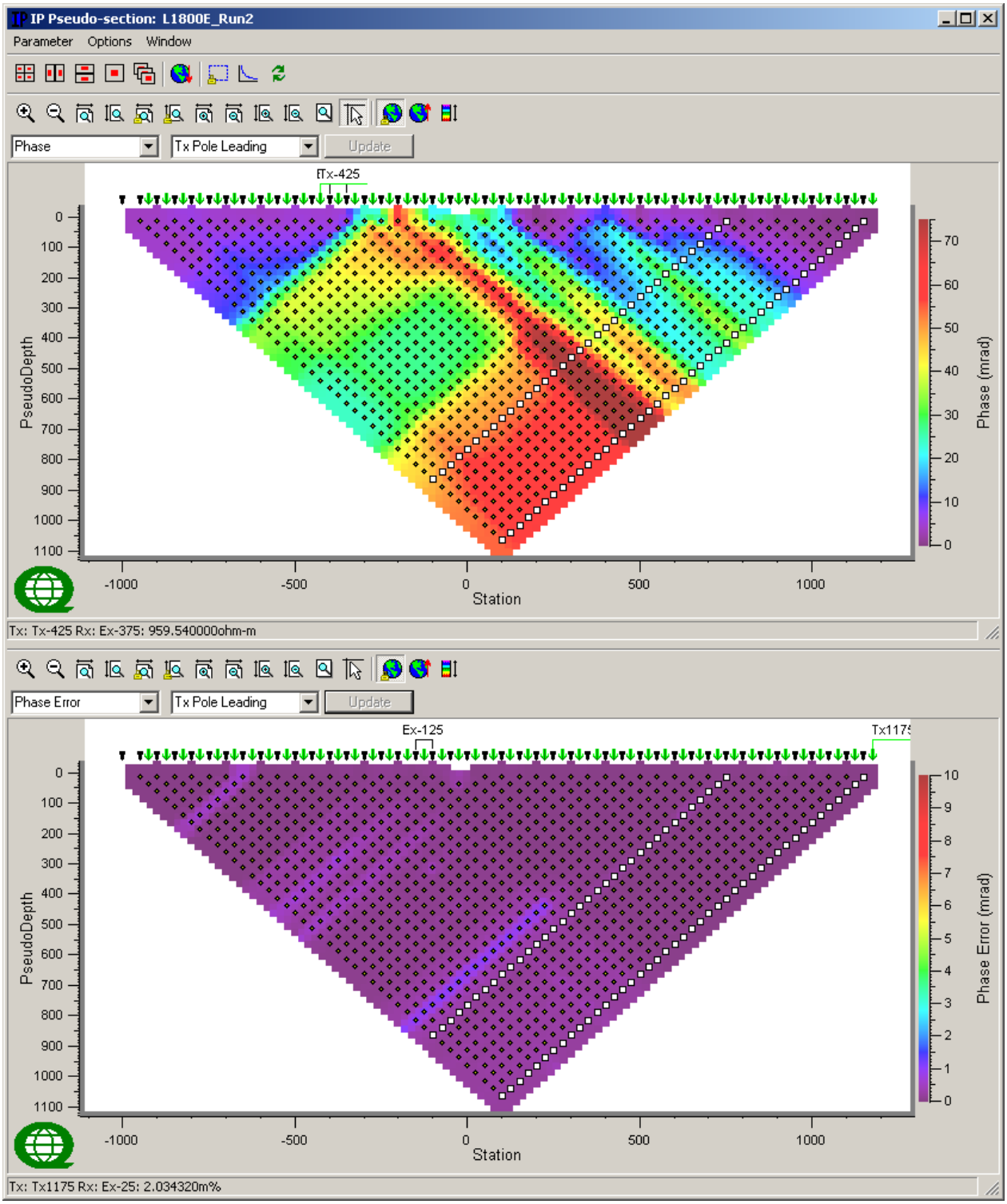
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1800E

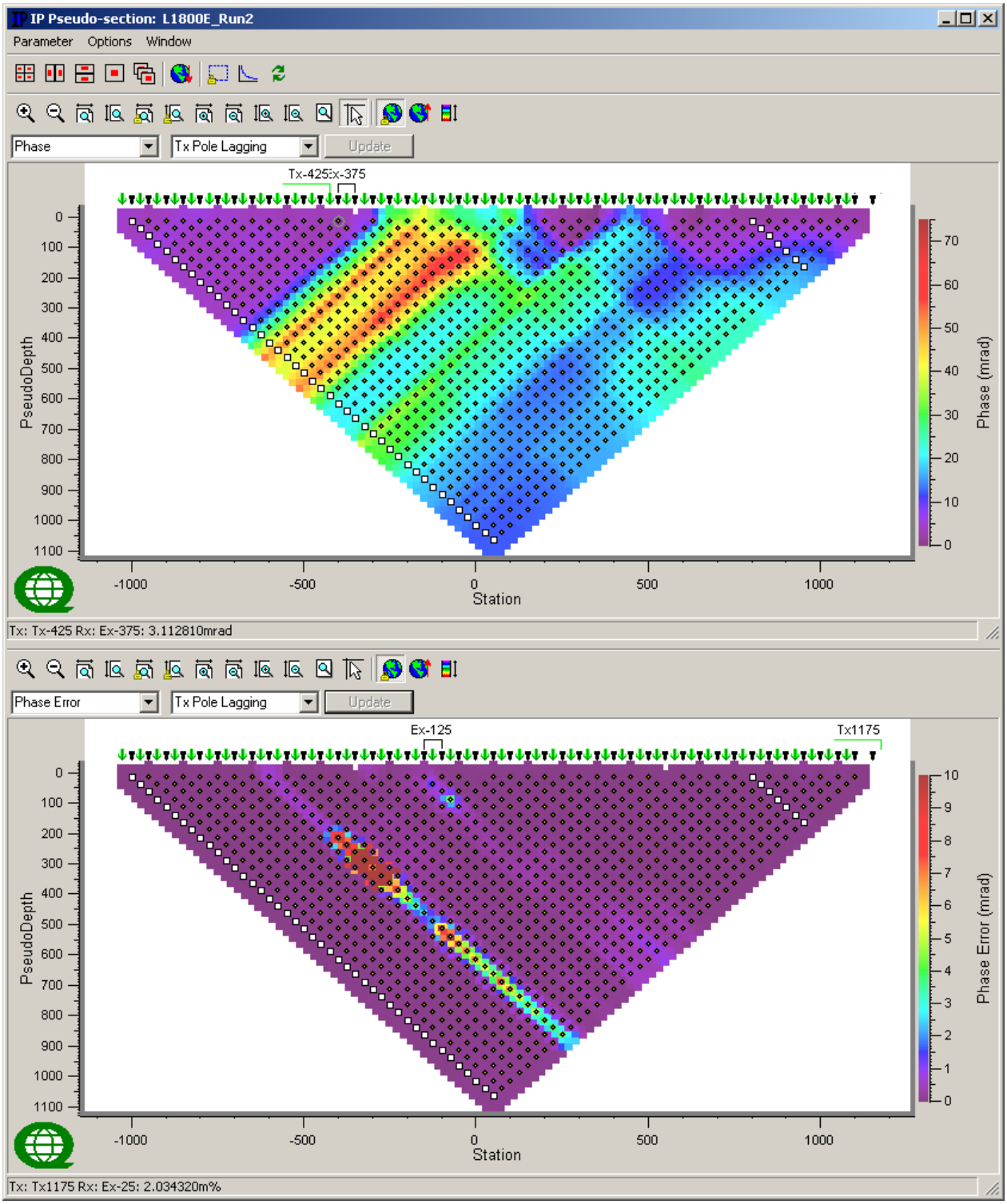
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1800E

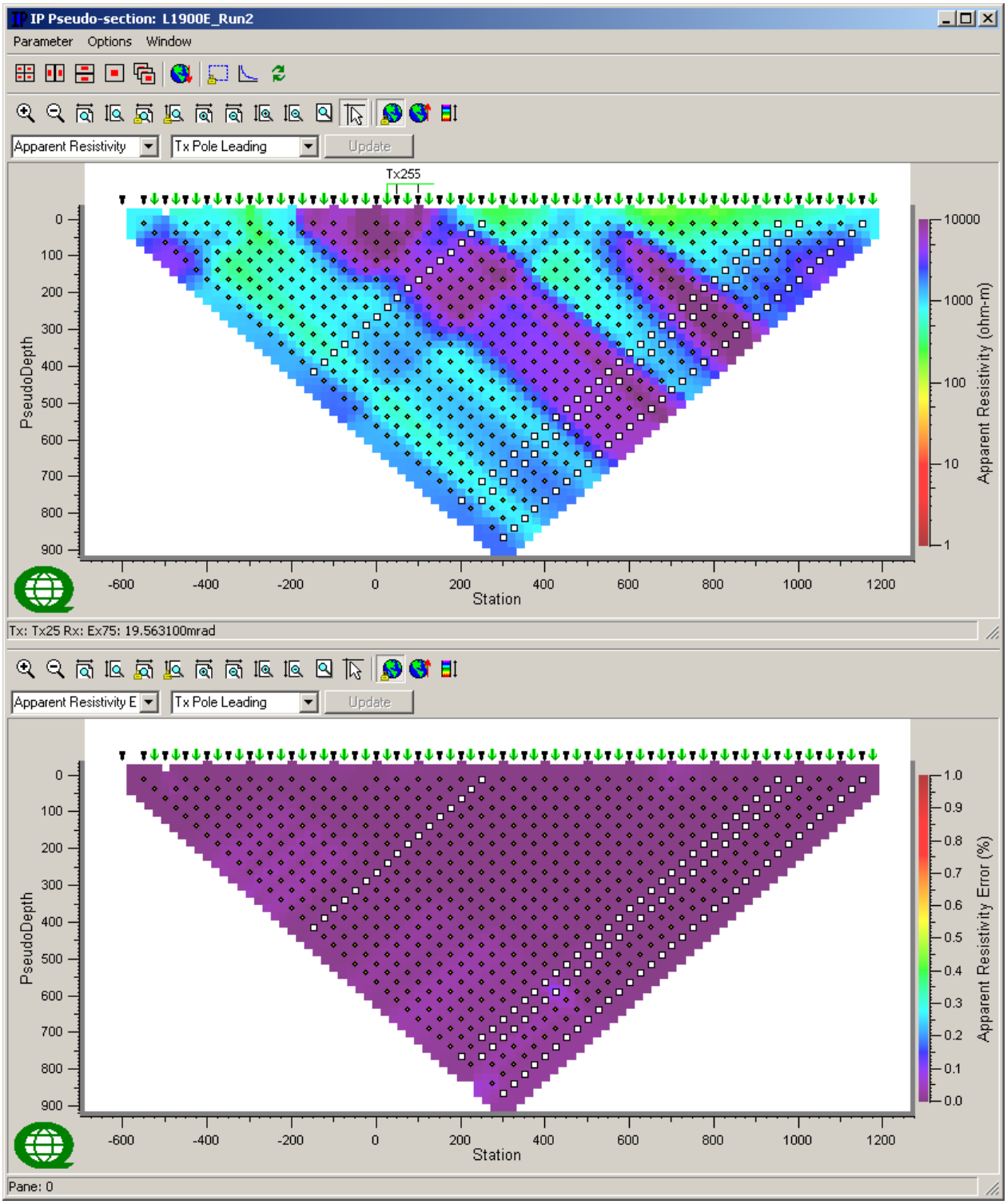
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

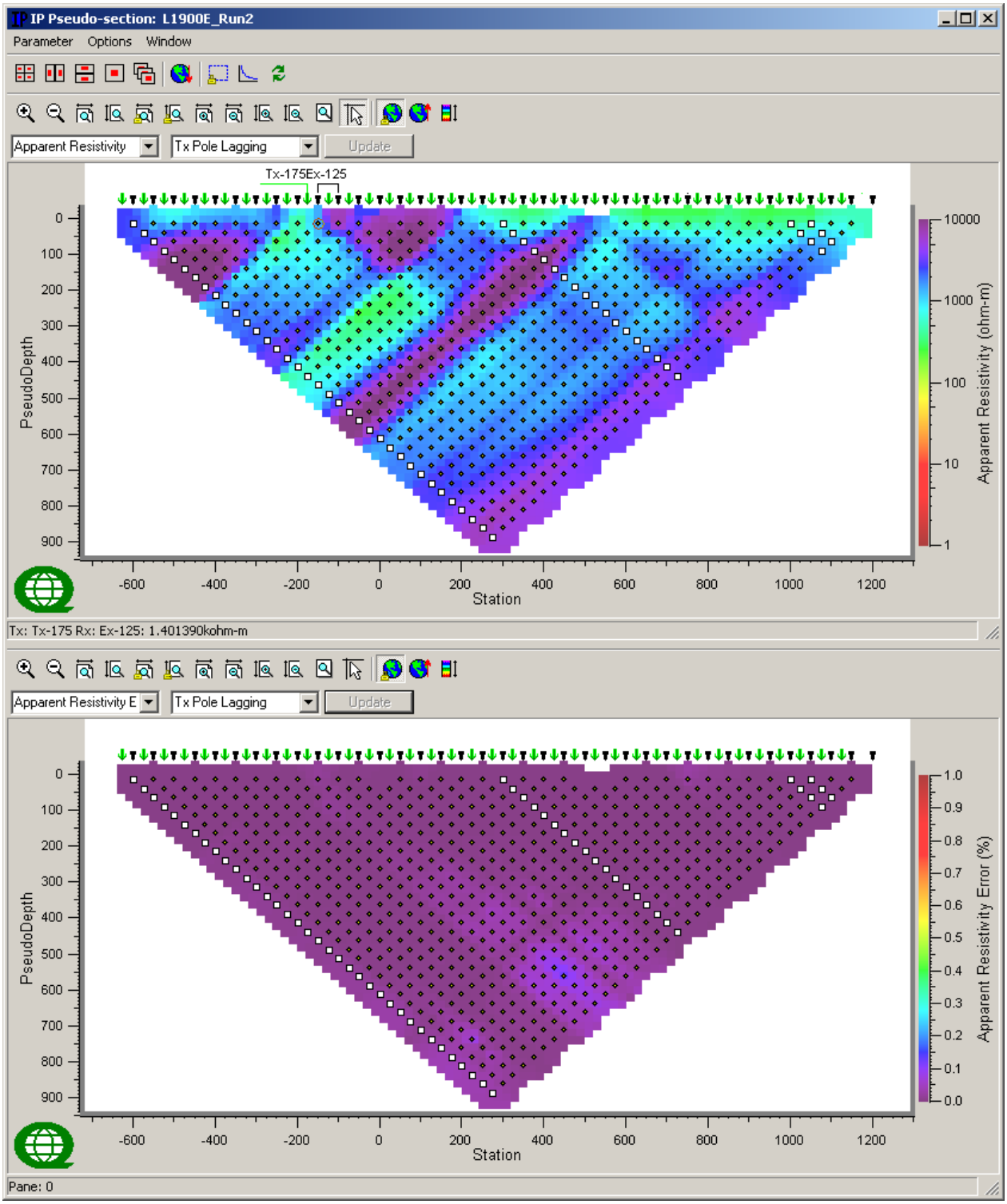
LINE 1900E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



LINE 1900E

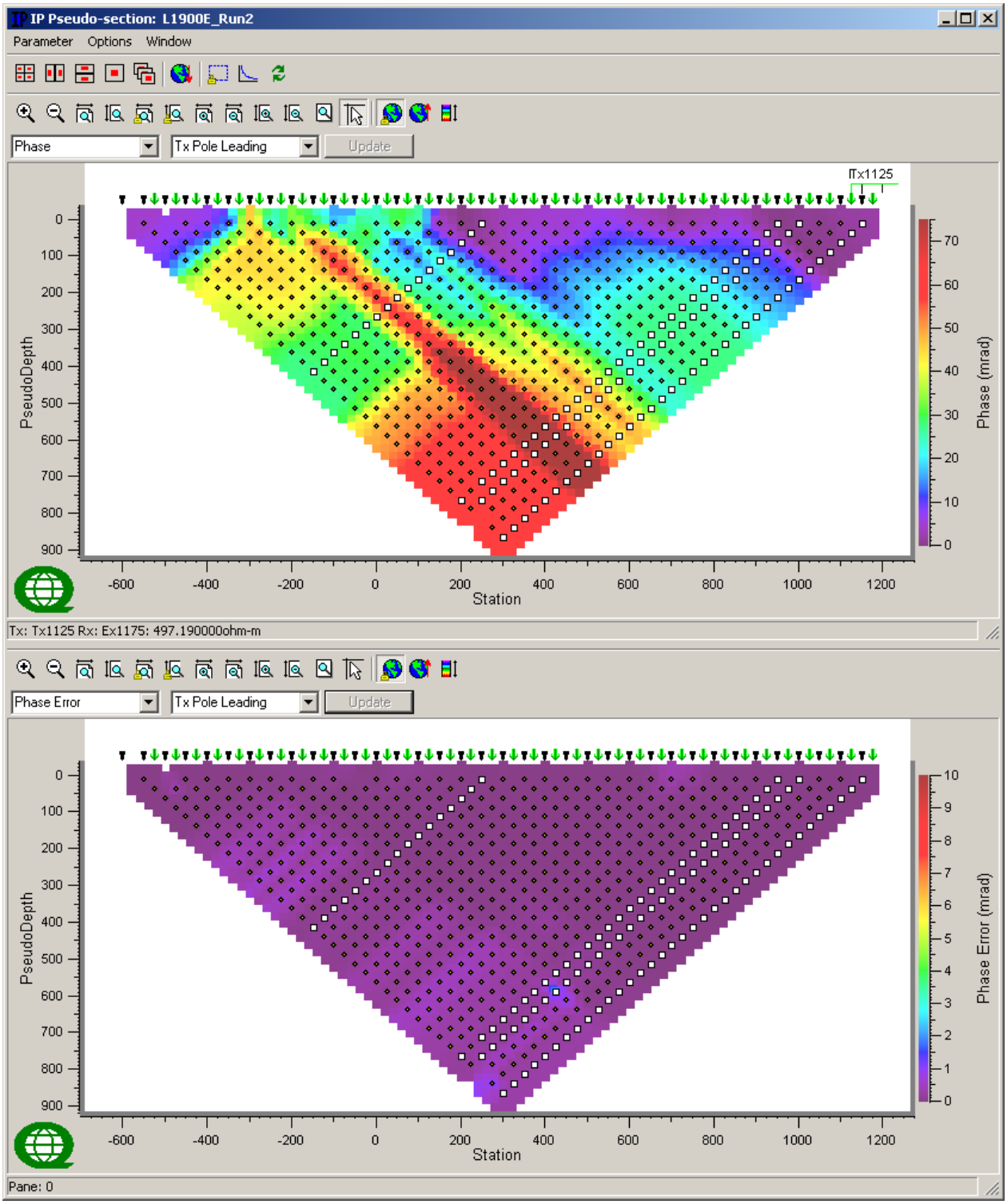
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 1900E

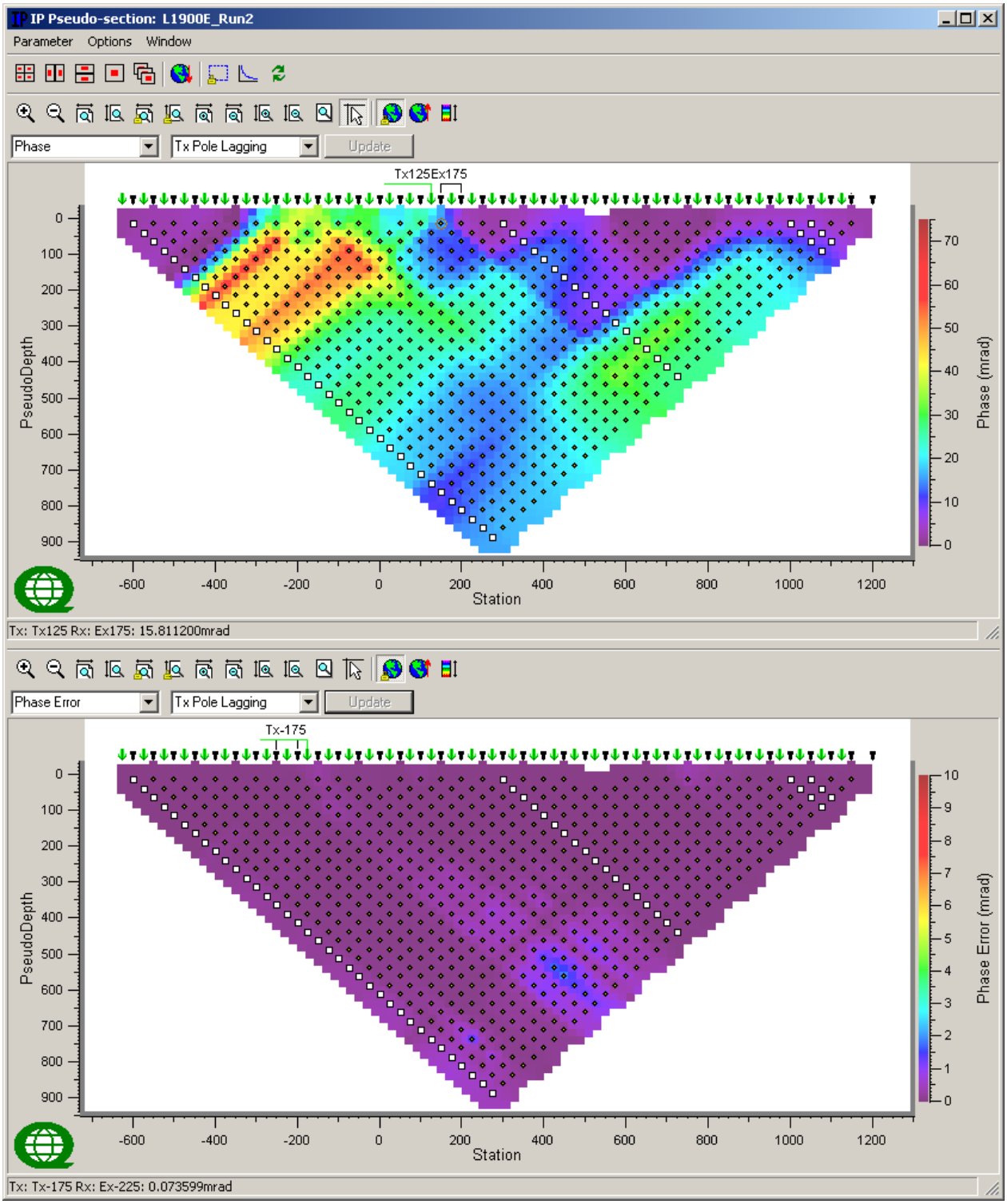
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 1900E

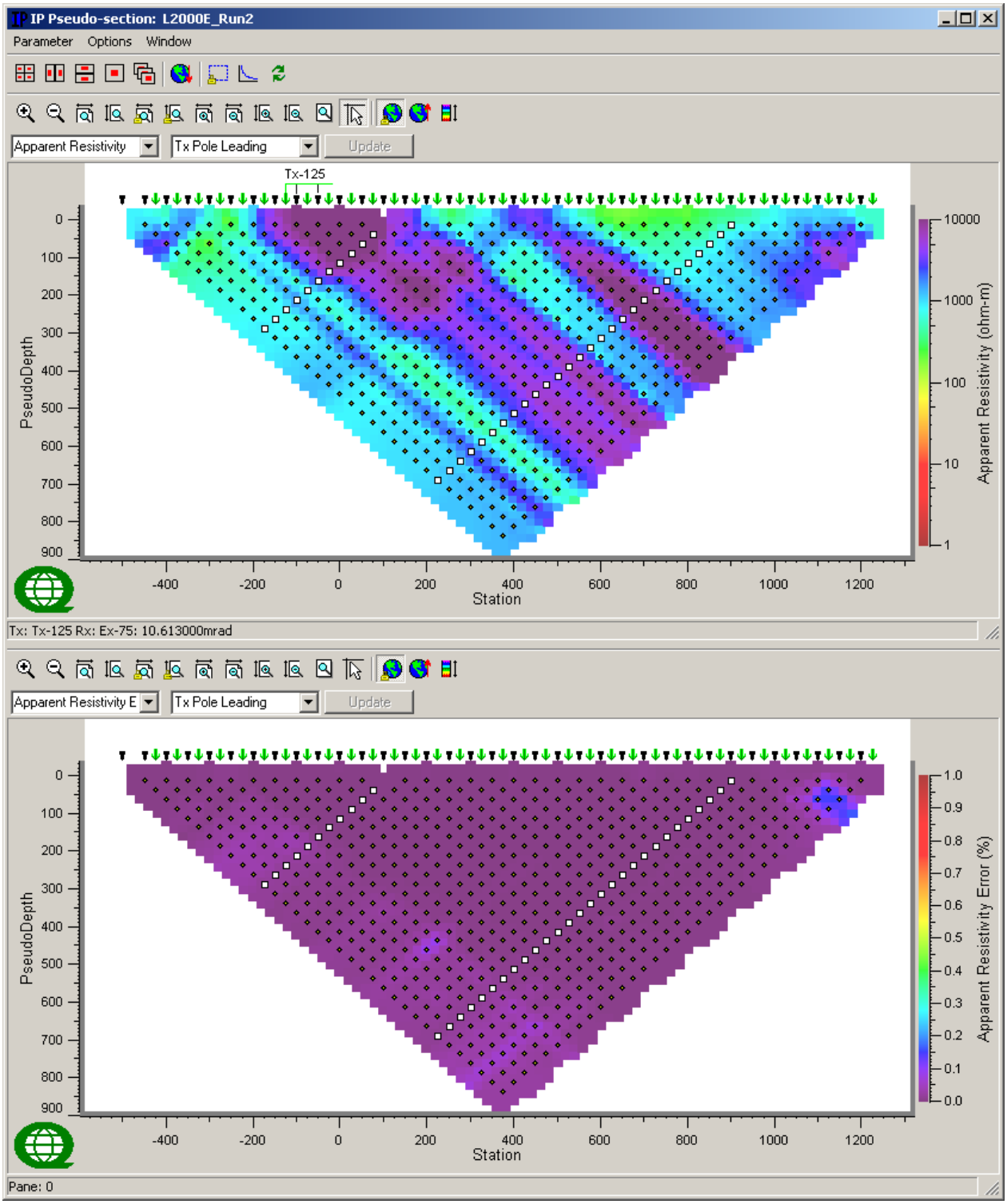
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 2000E

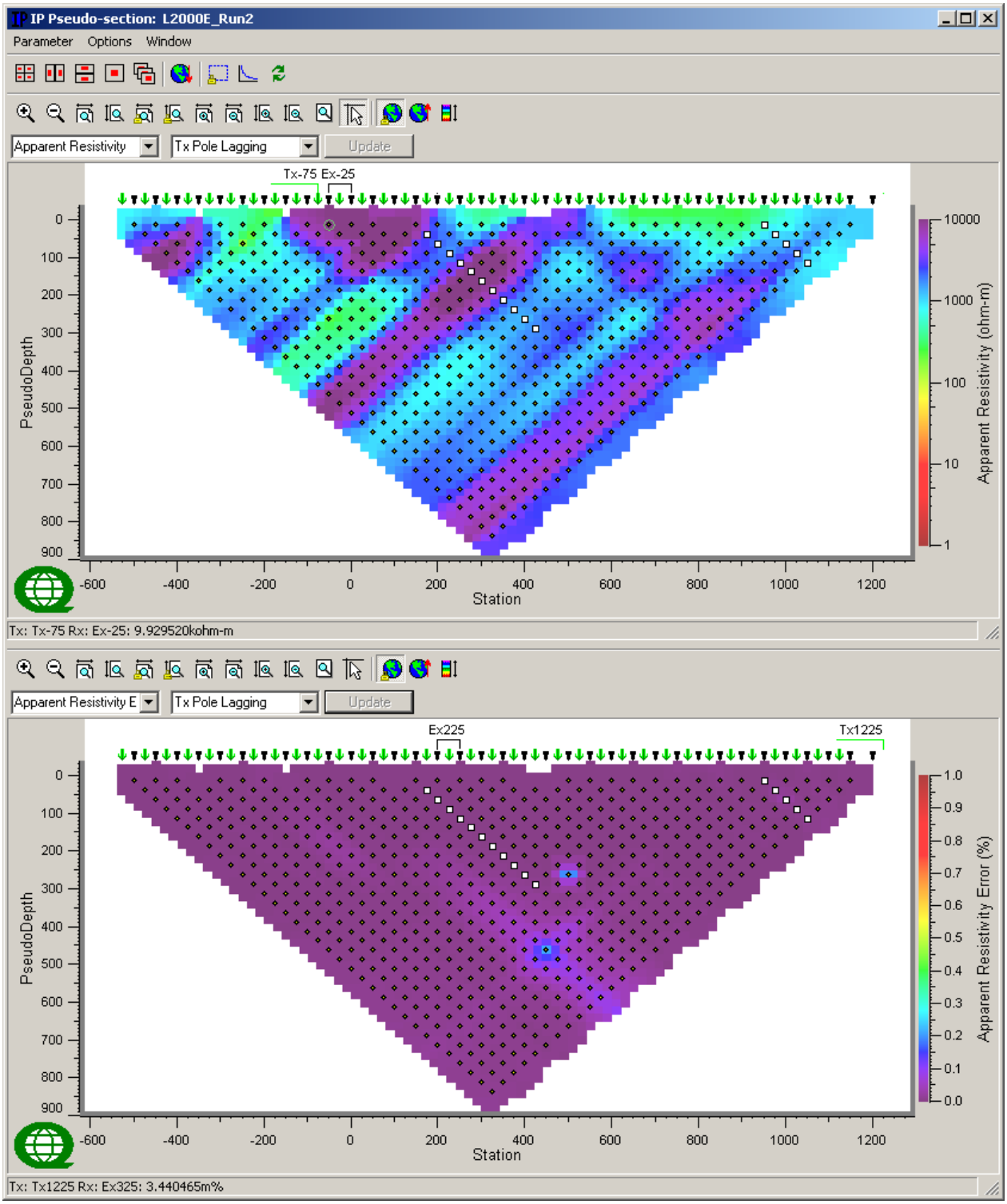
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 2000E

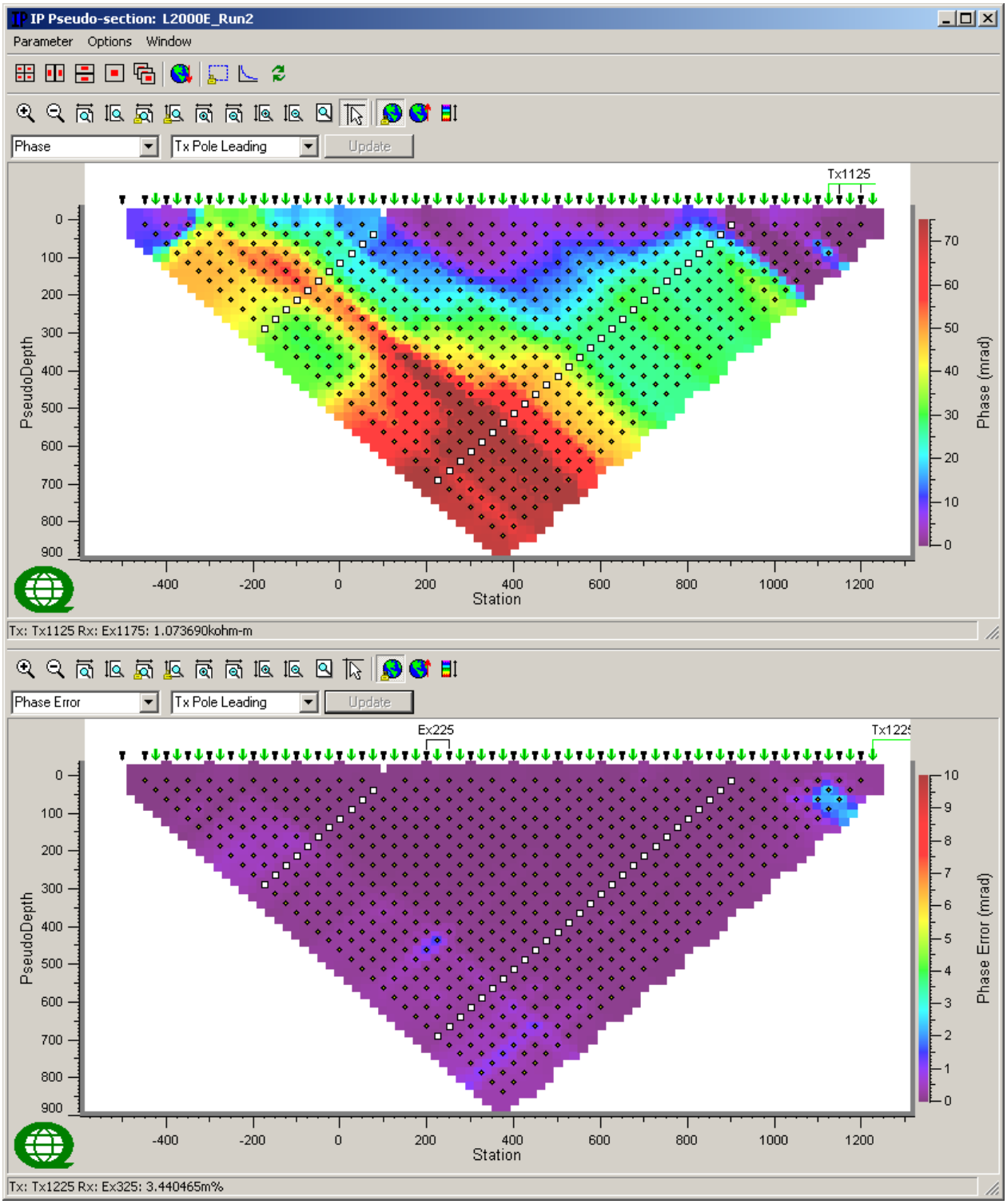
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 2000E

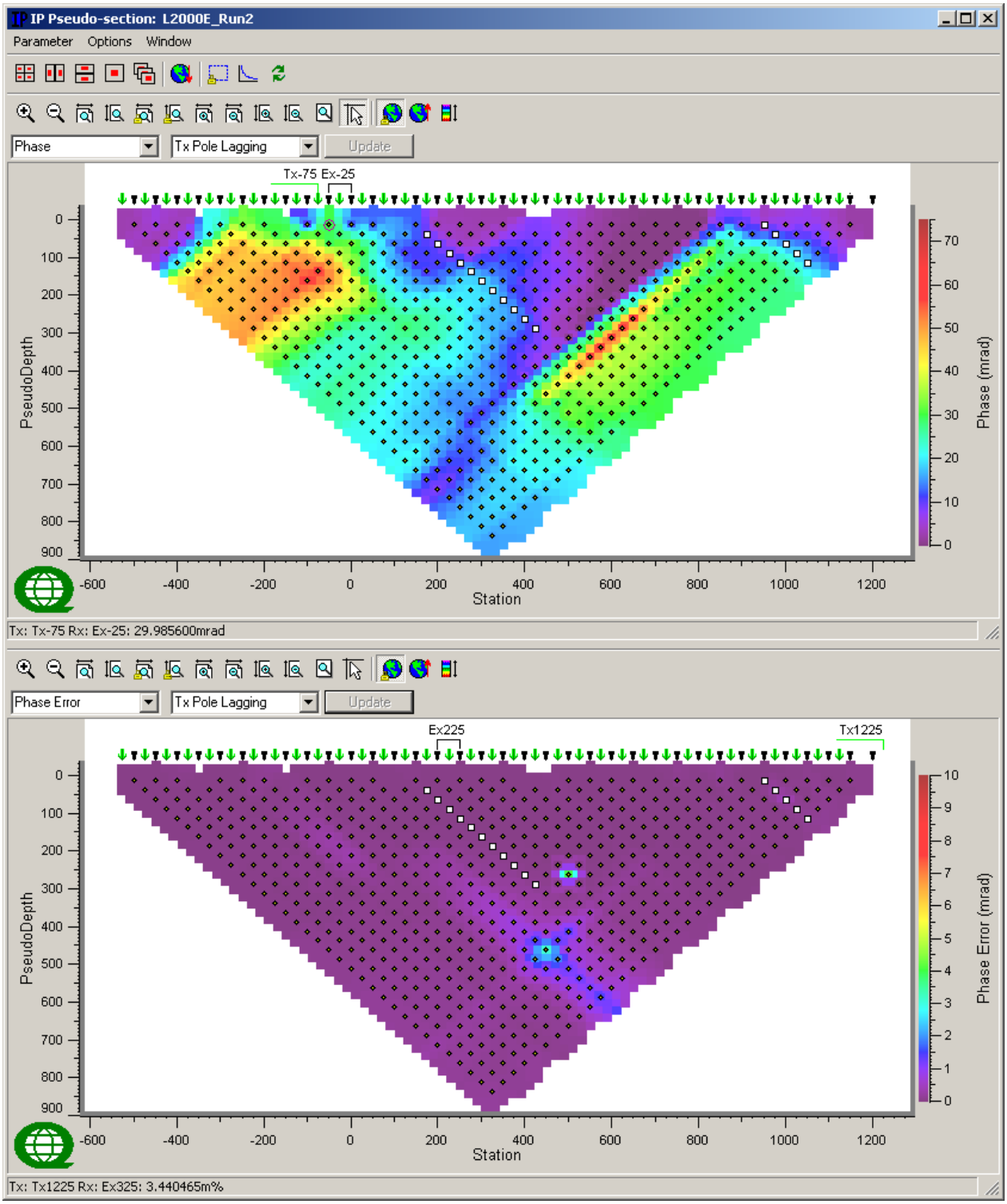
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 2000E

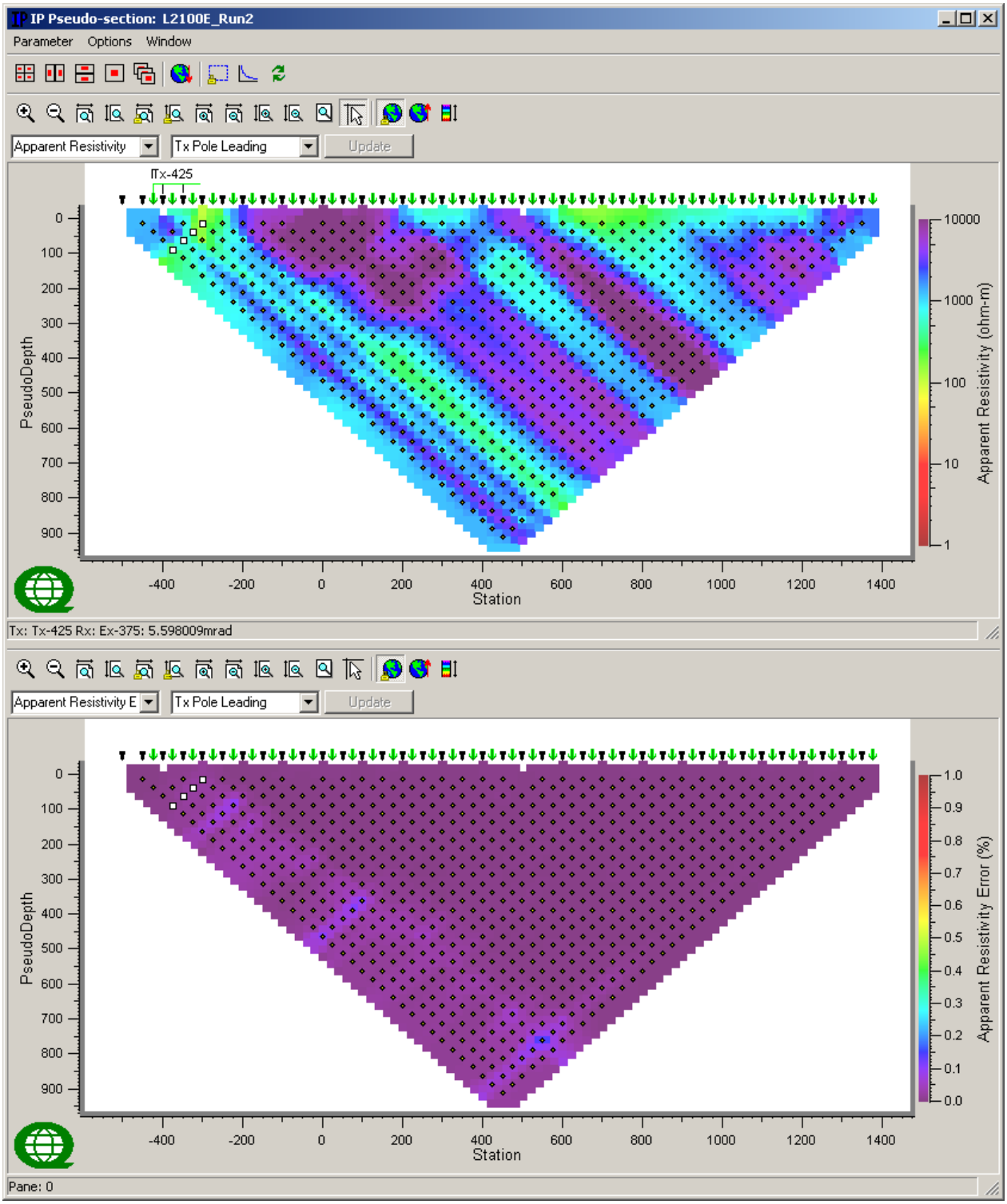
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 2100E

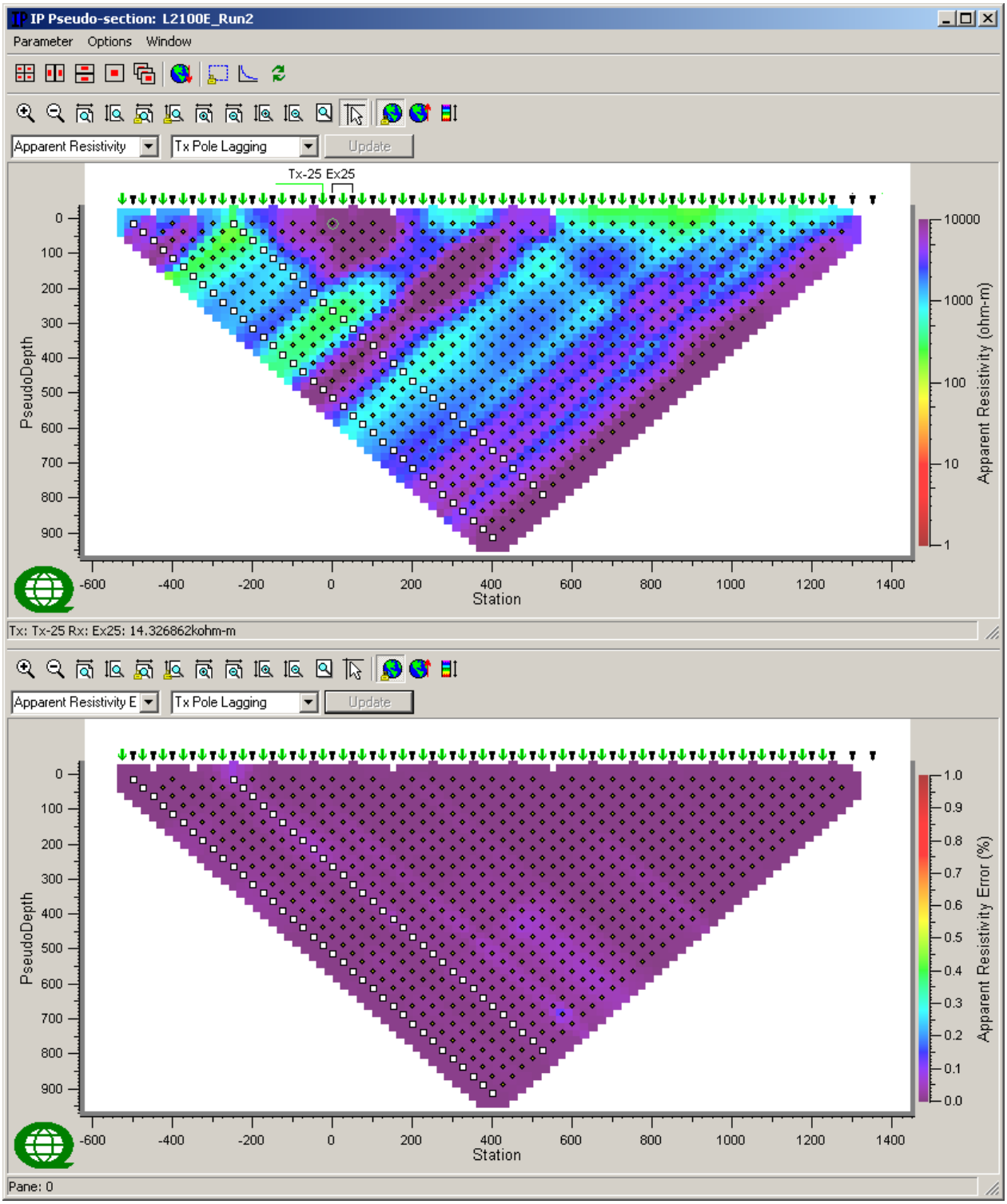
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 2100E

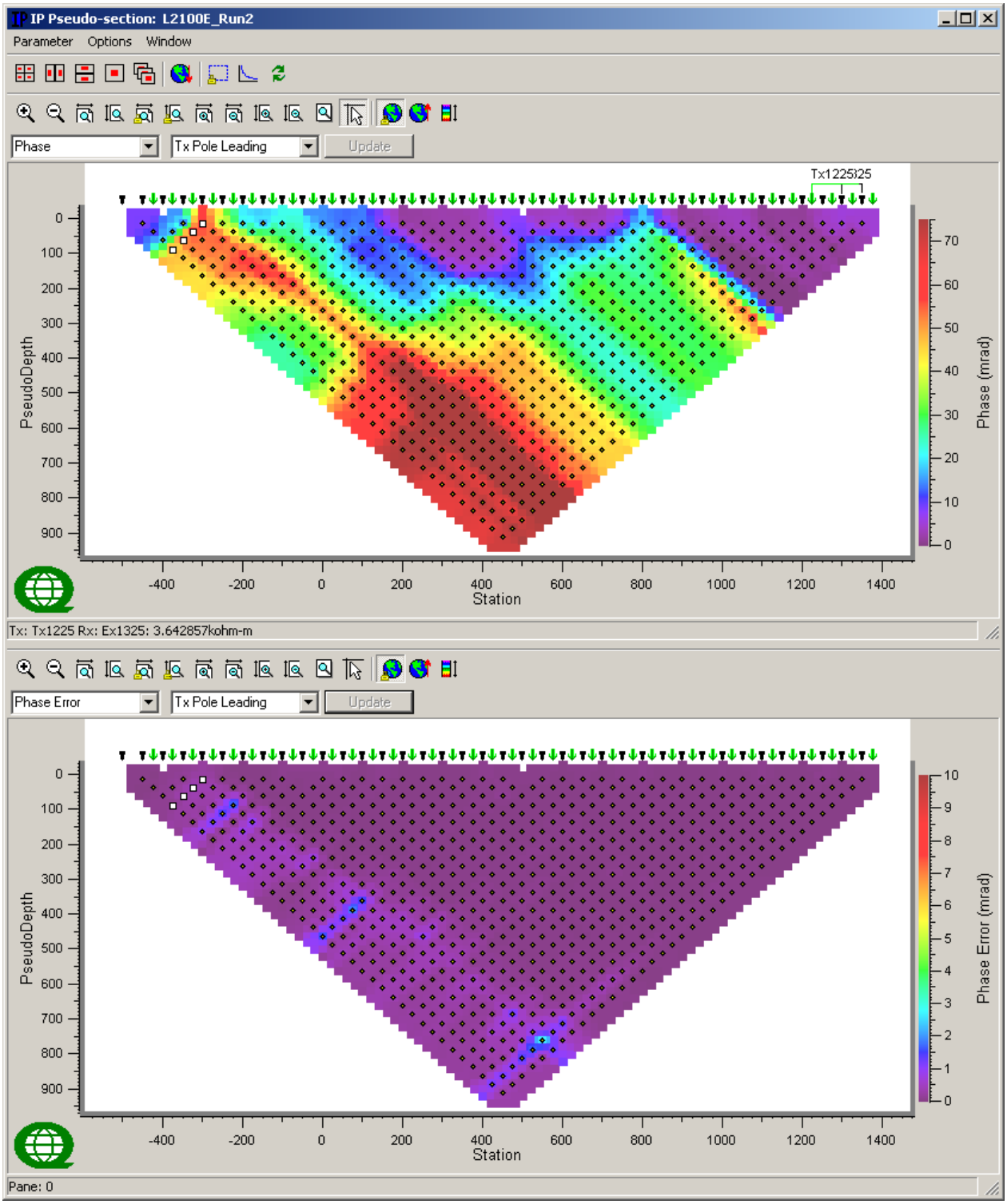
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 2100E

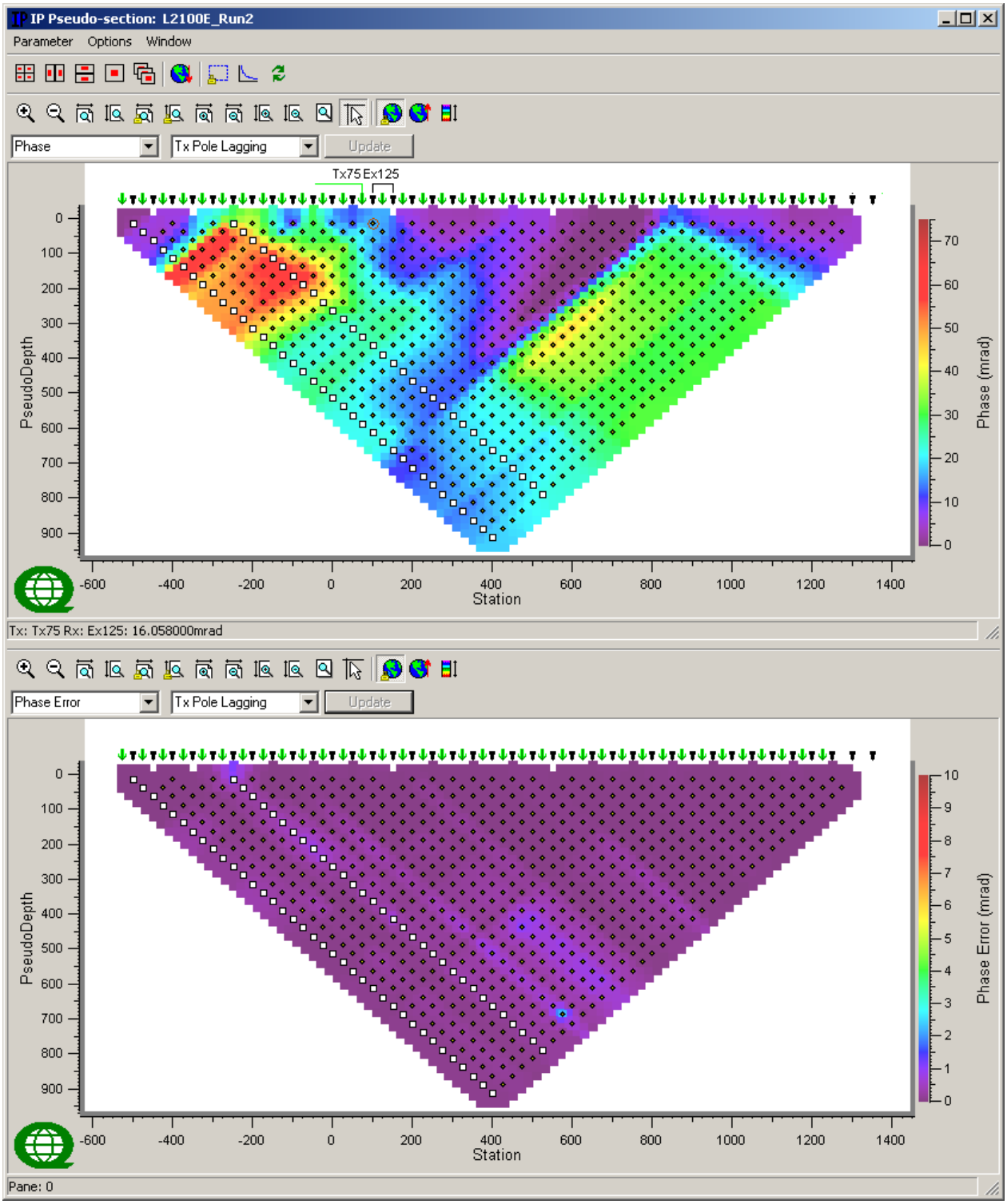
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 2100E

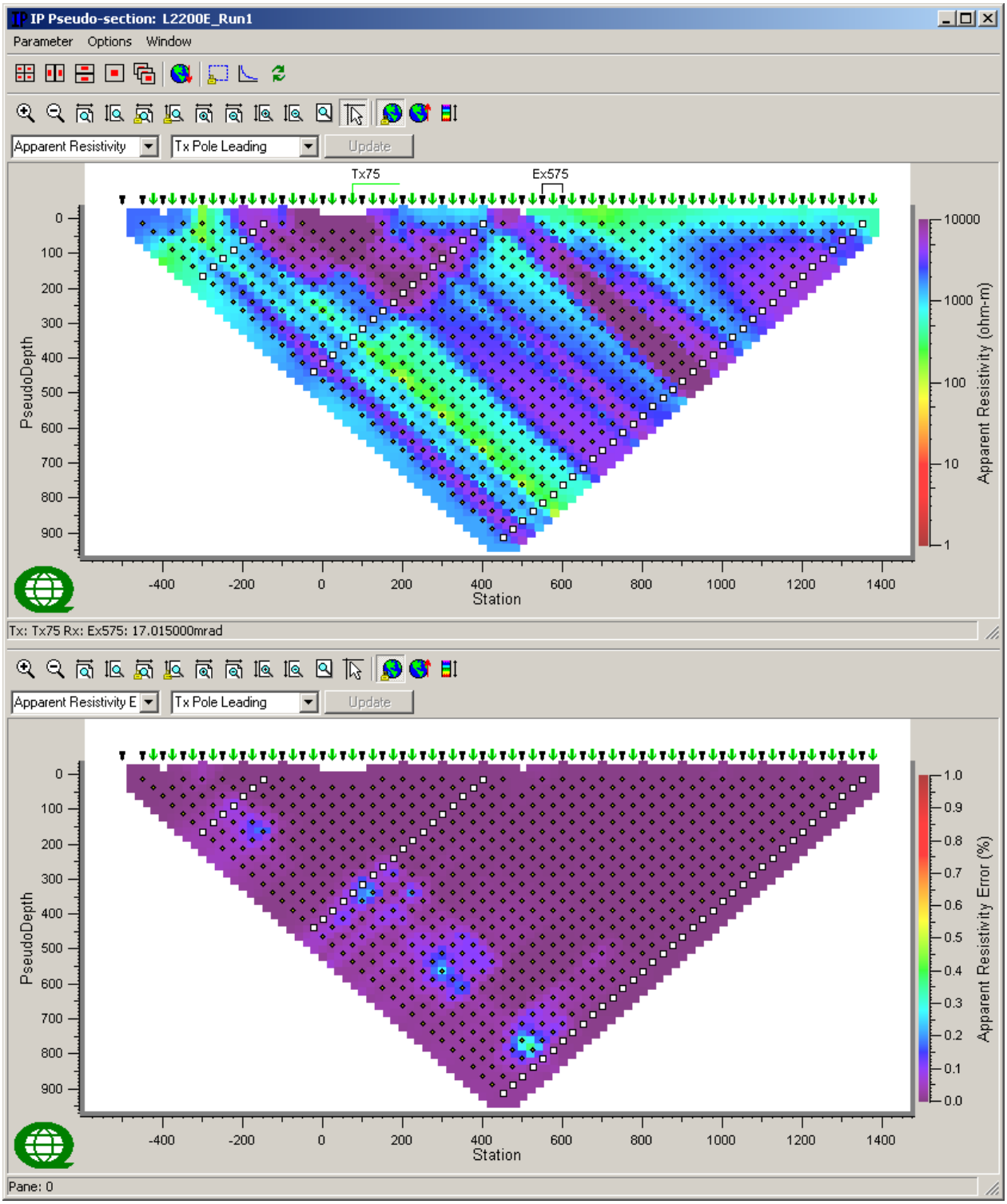
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 2200E

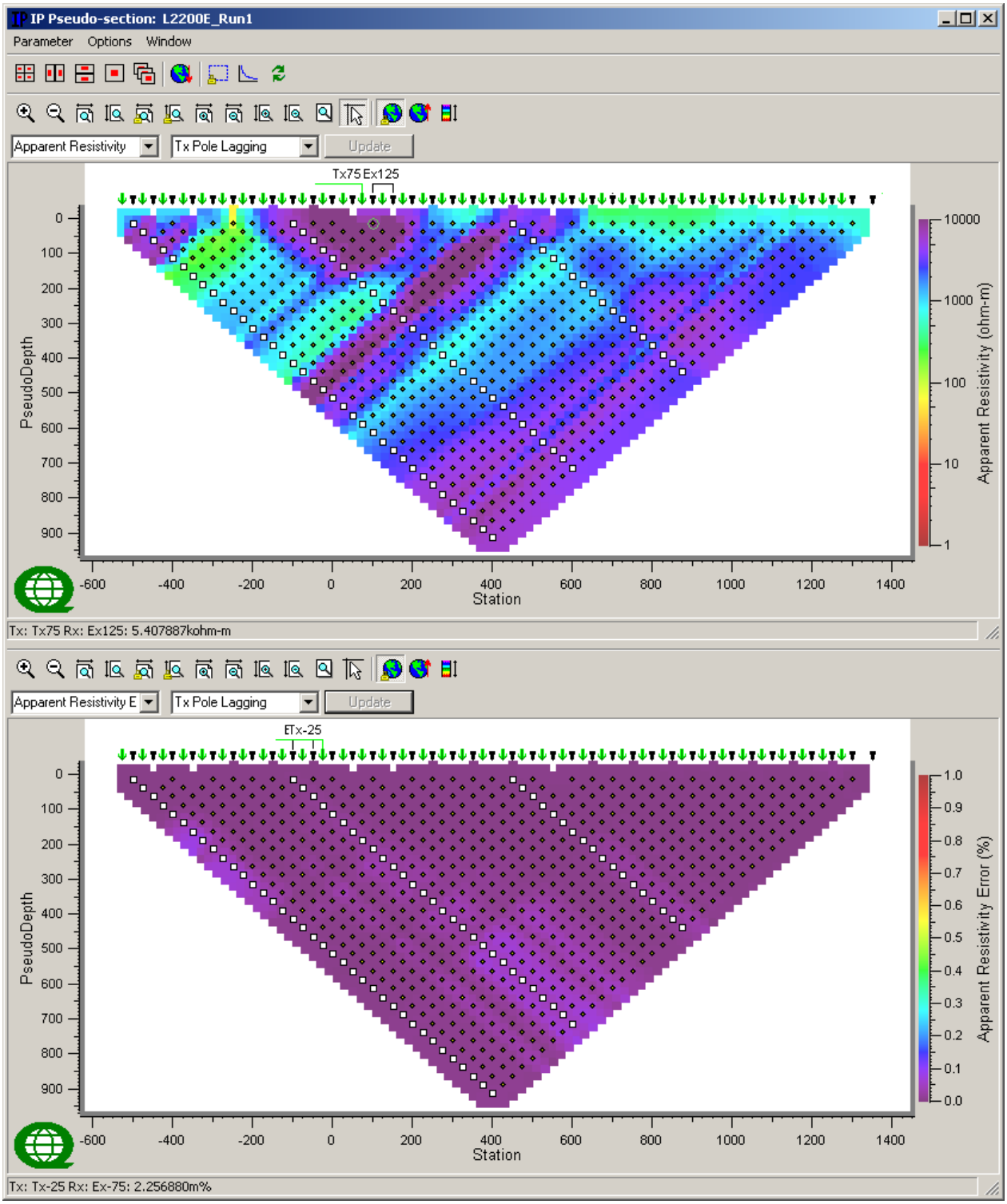
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 2200E

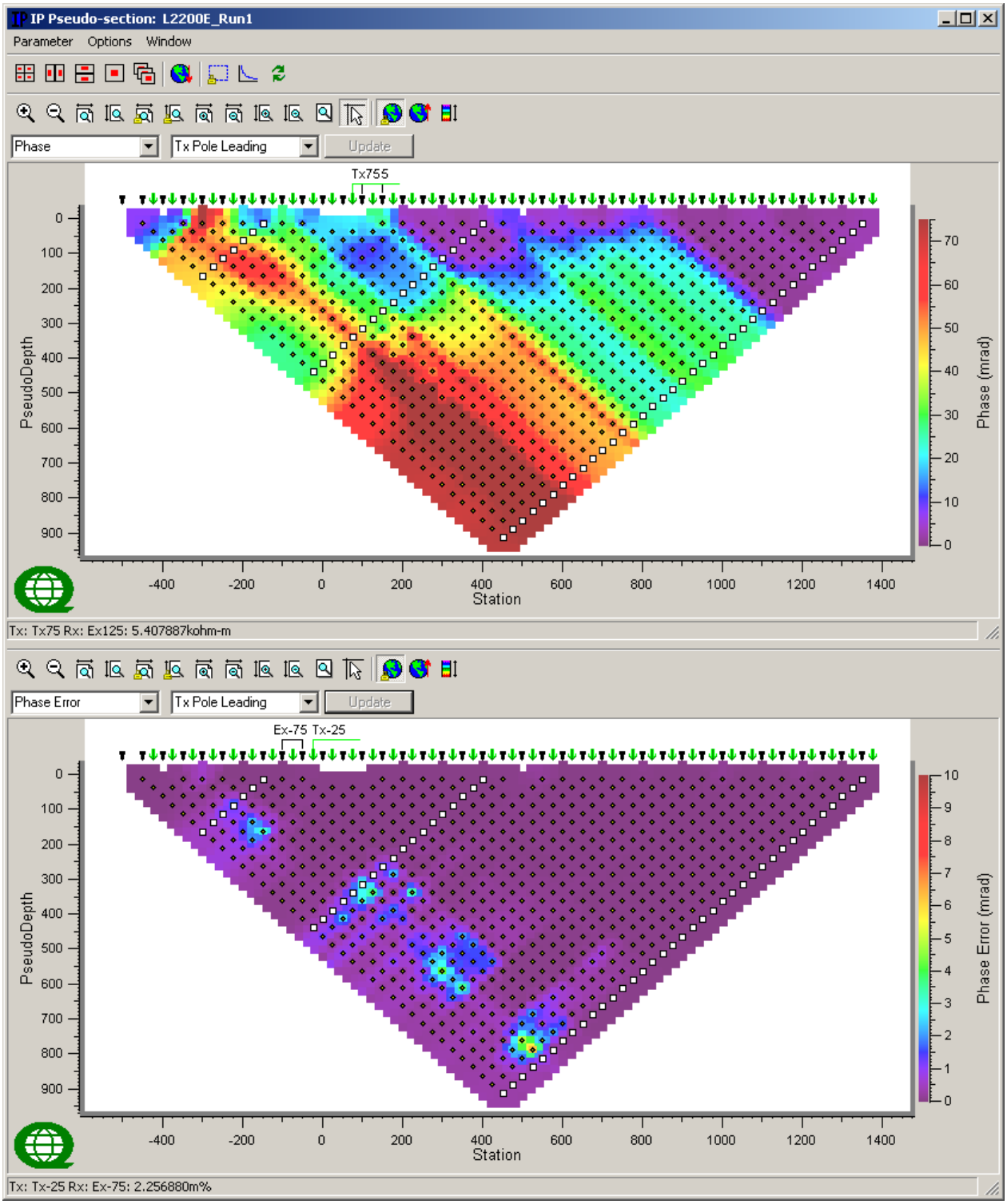
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 2200E

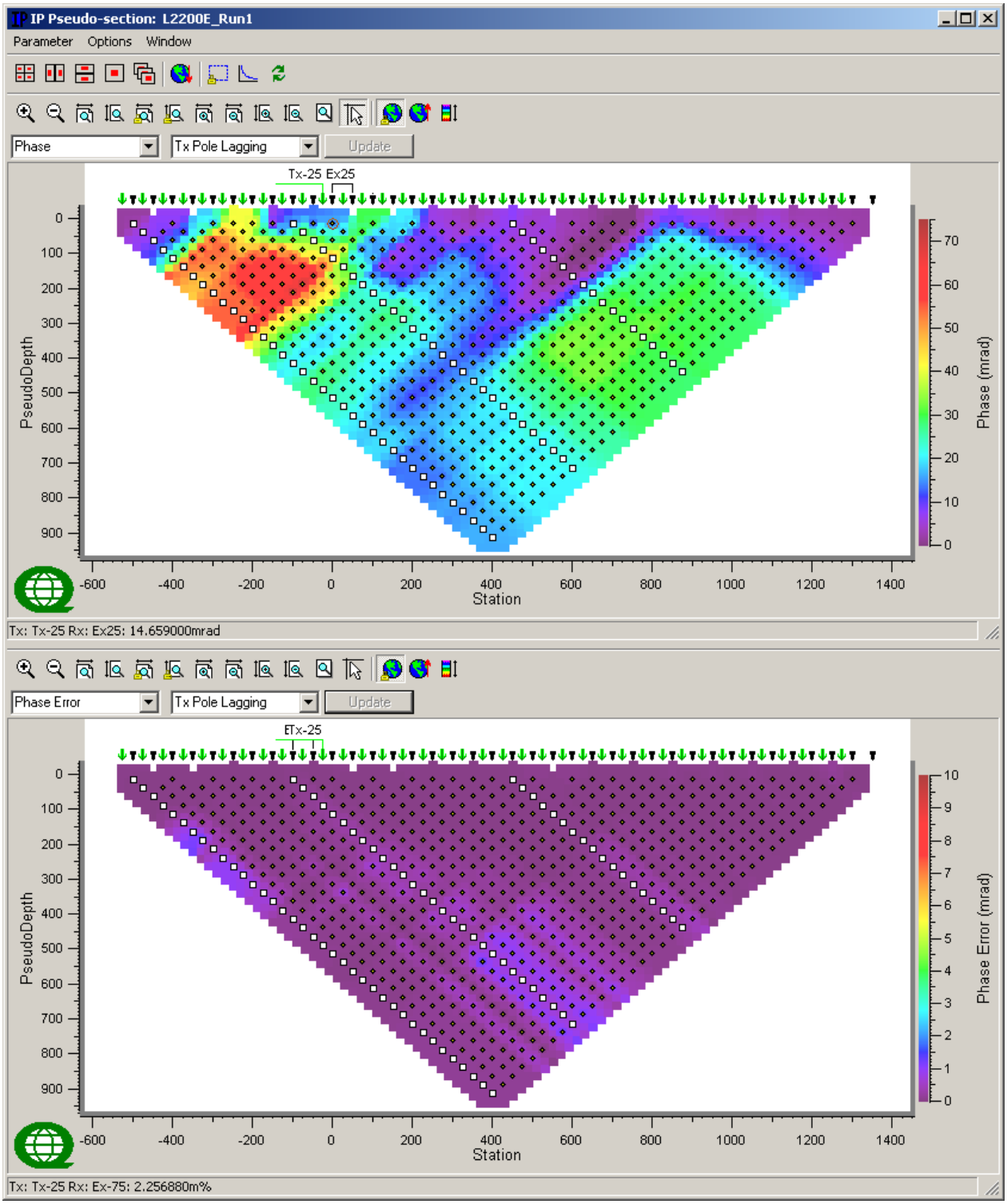
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 2200E

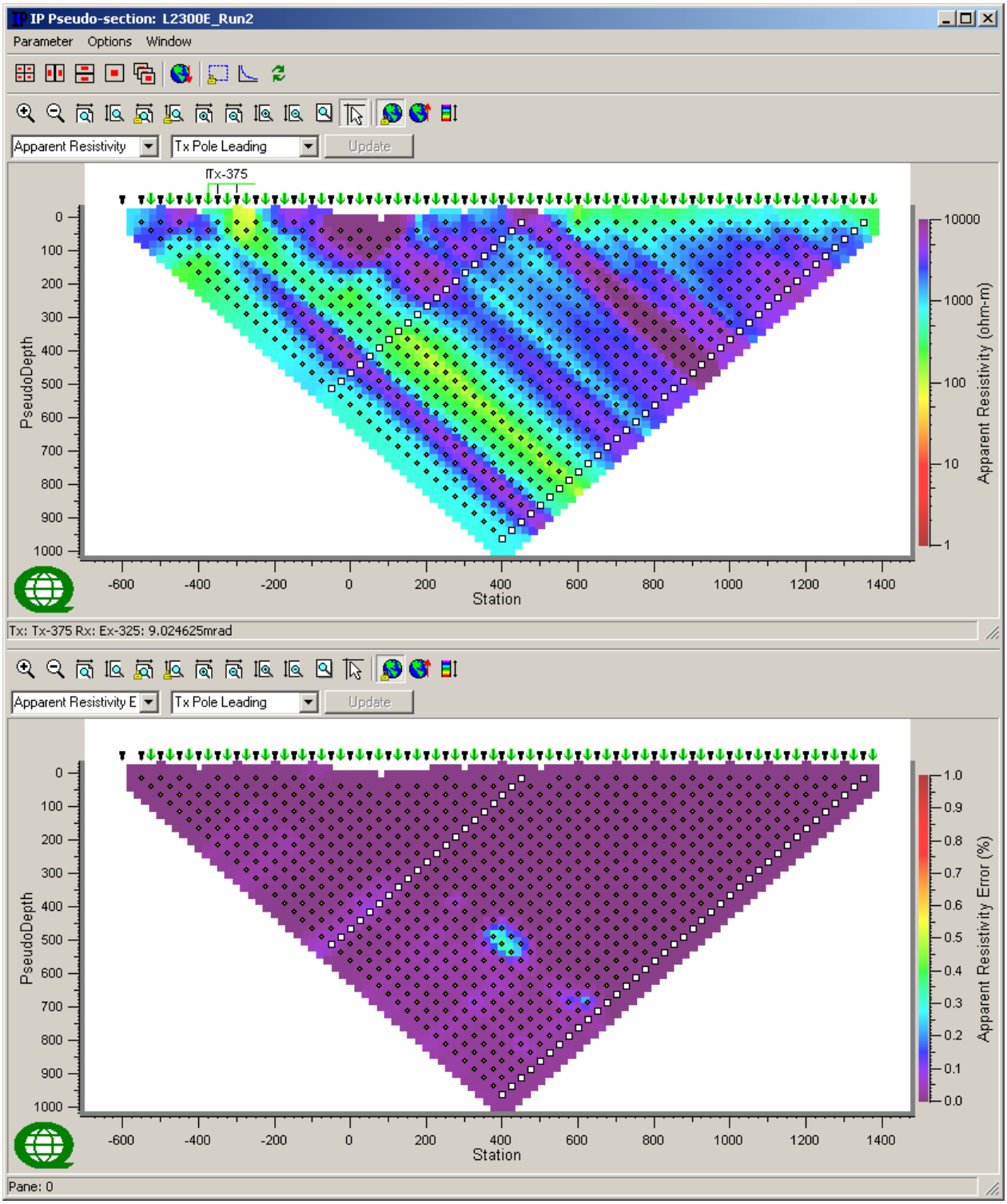
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

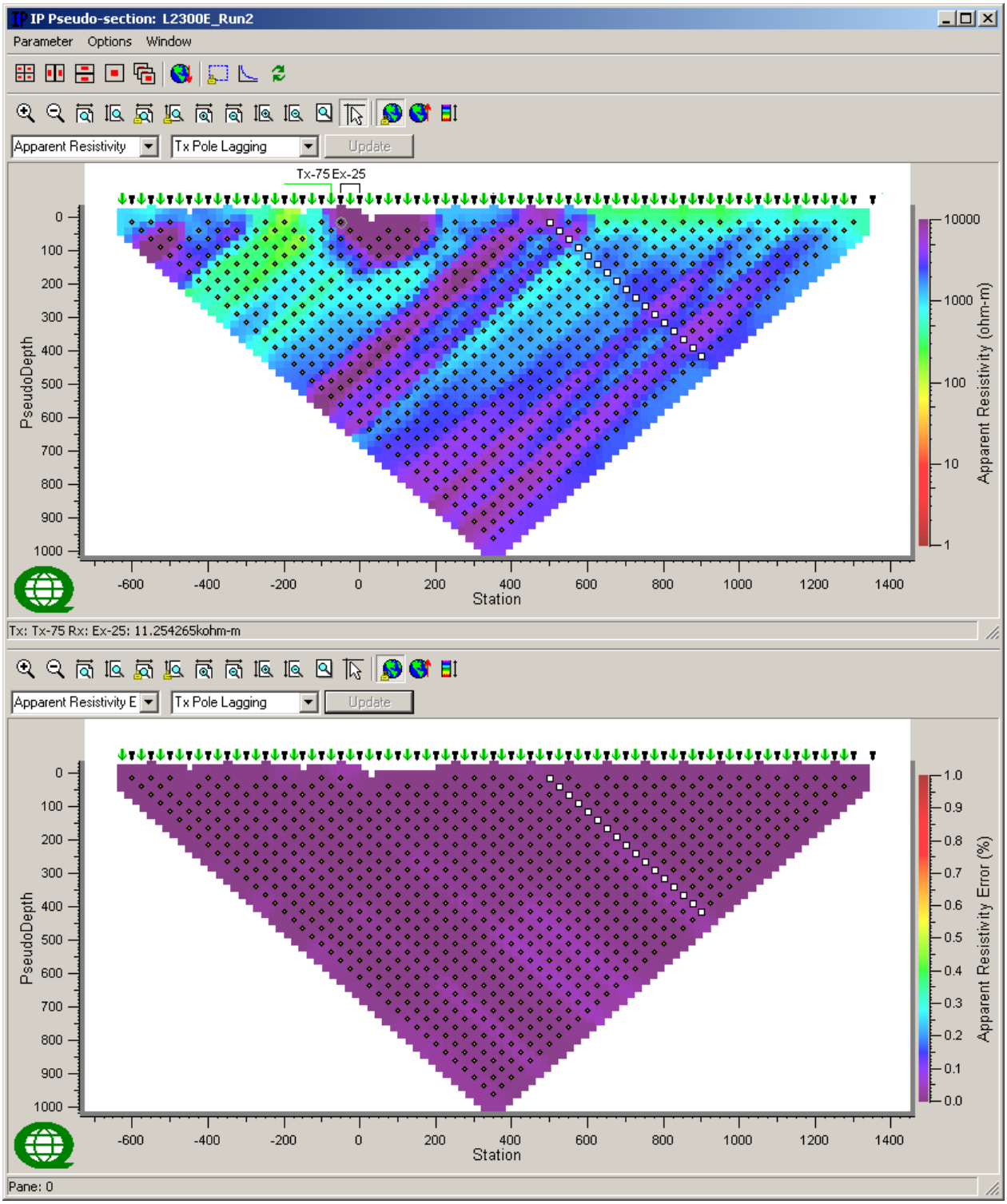
LINE 2300E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



LINE 2300E

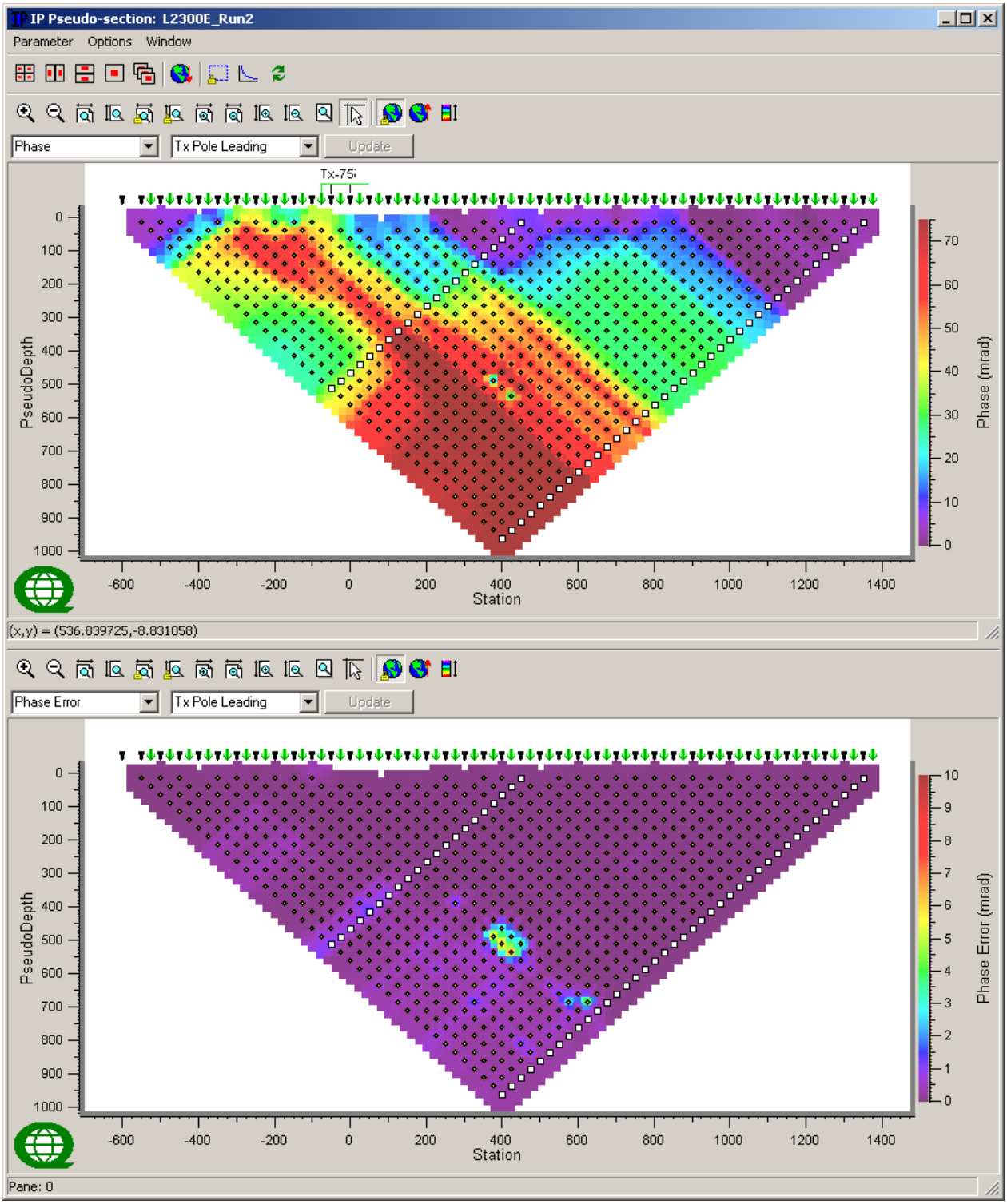
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 2300E

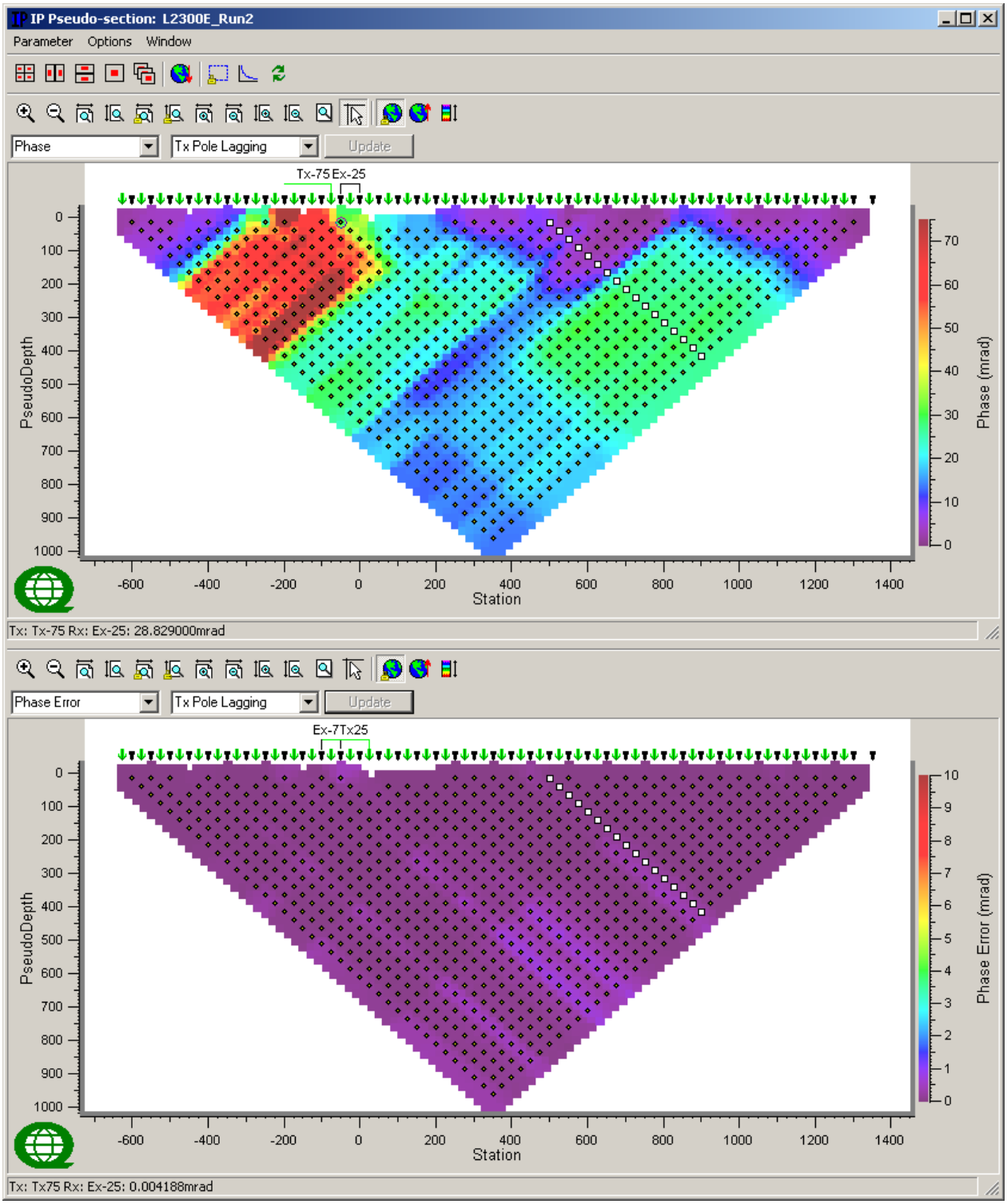
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 2300E

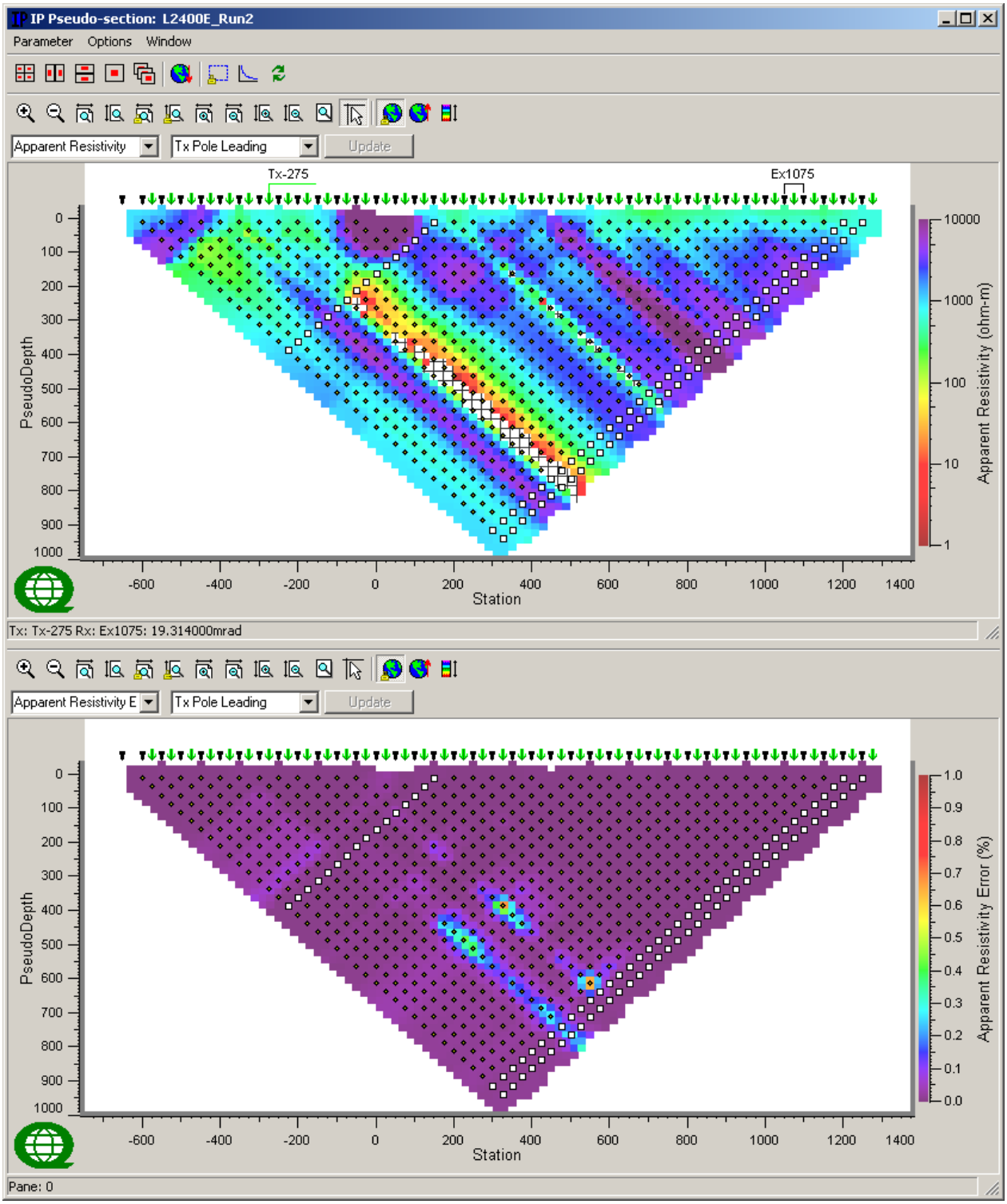
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 2400E

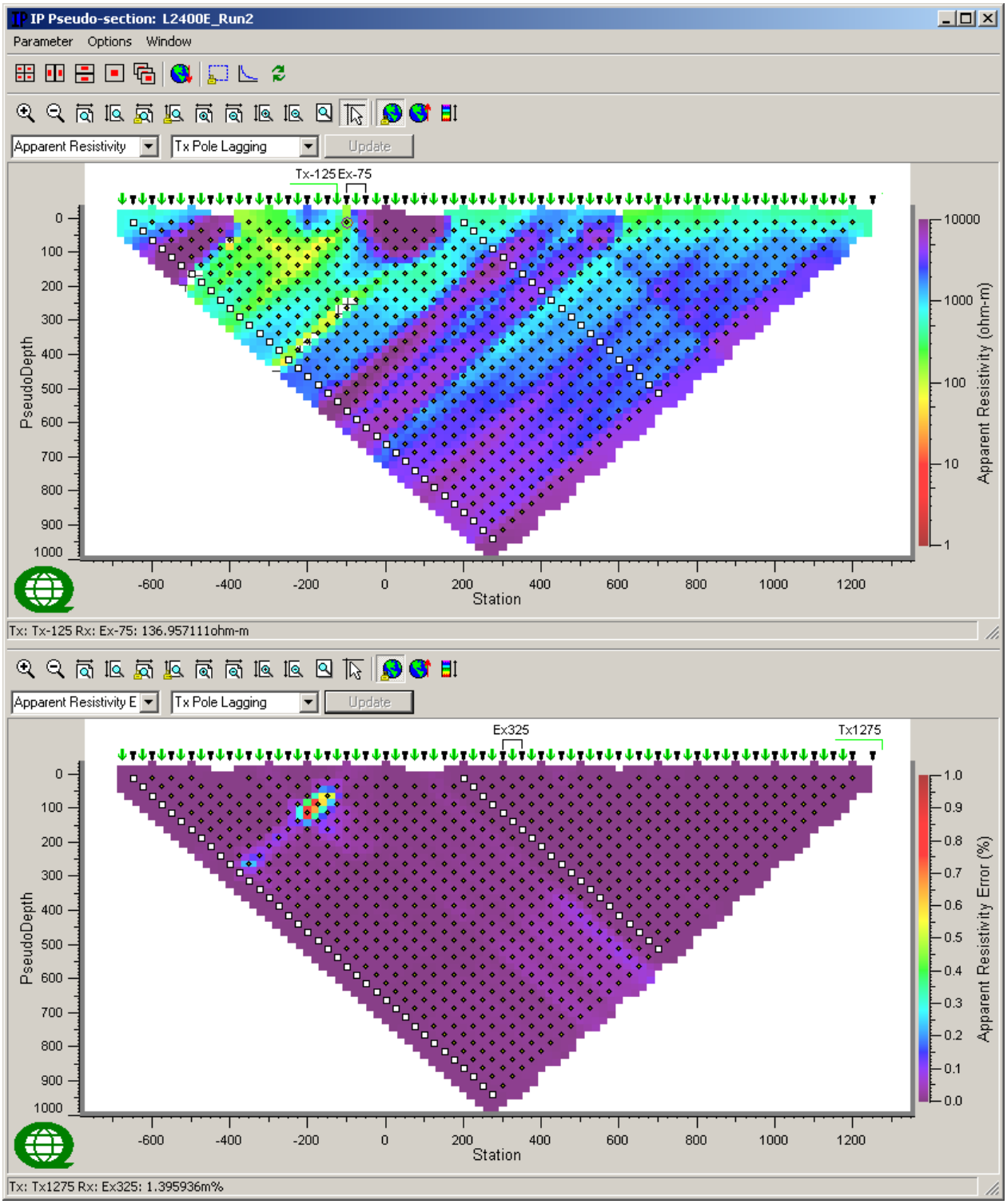
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 2400E

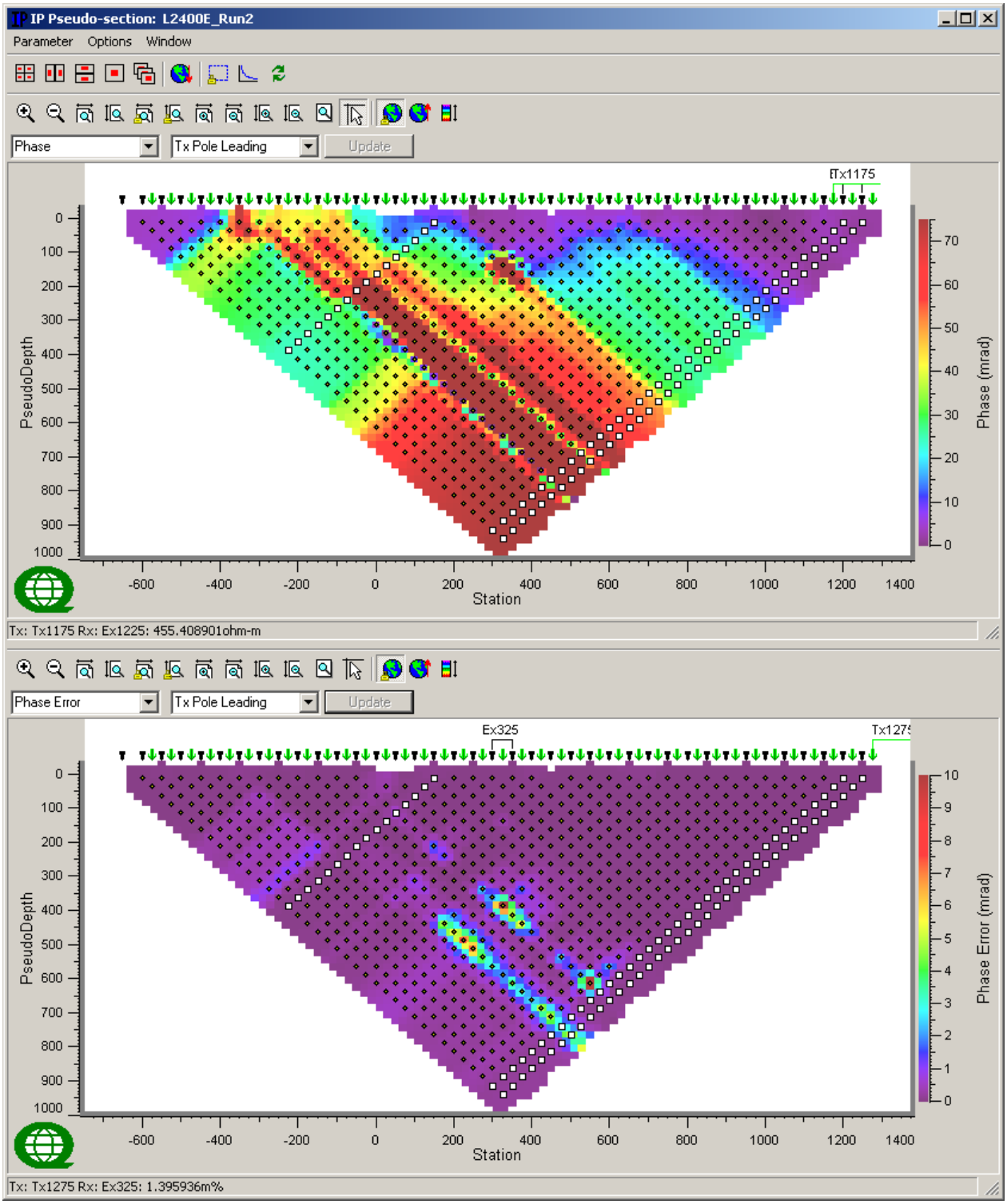
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 2400E

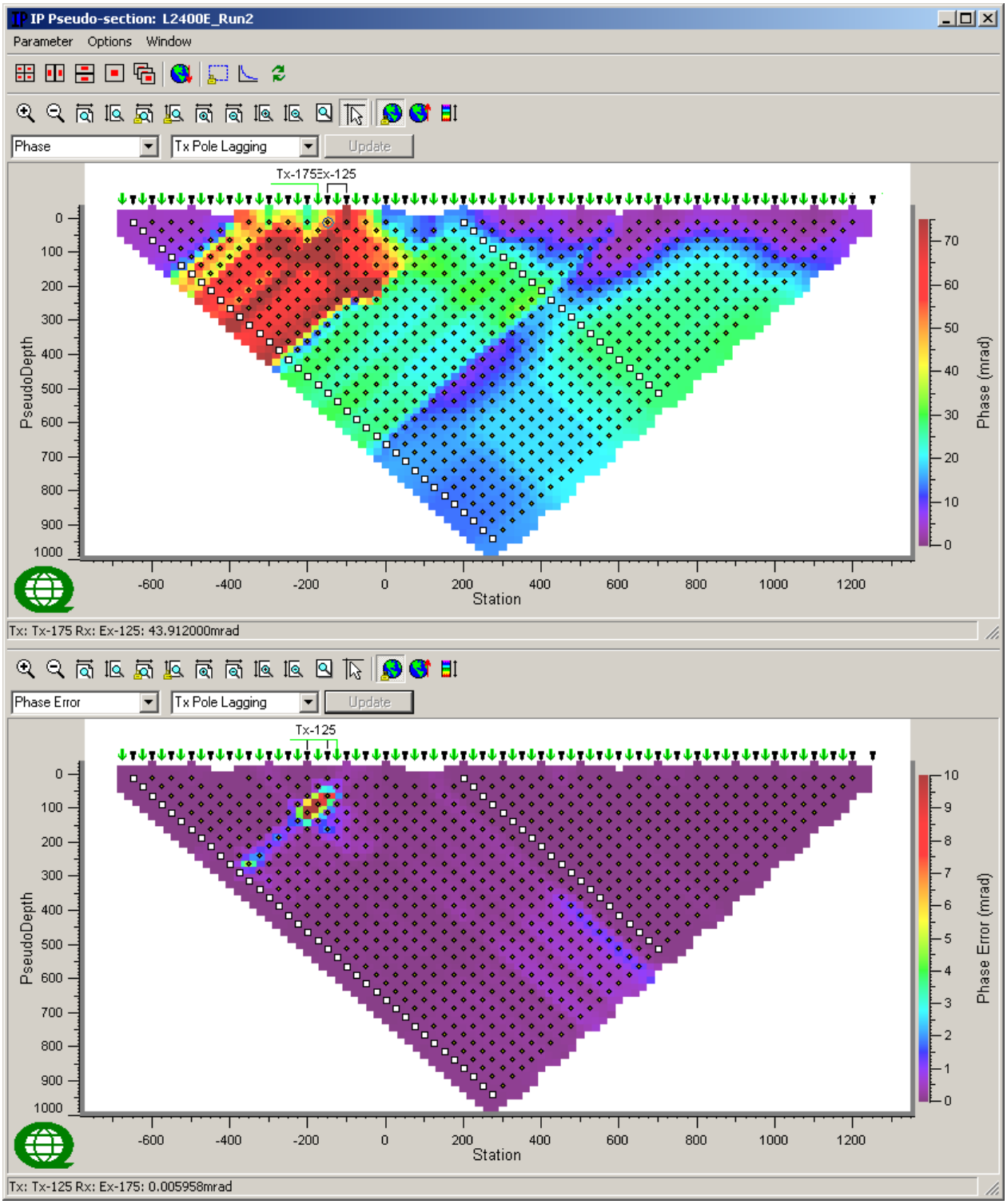
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 2400E

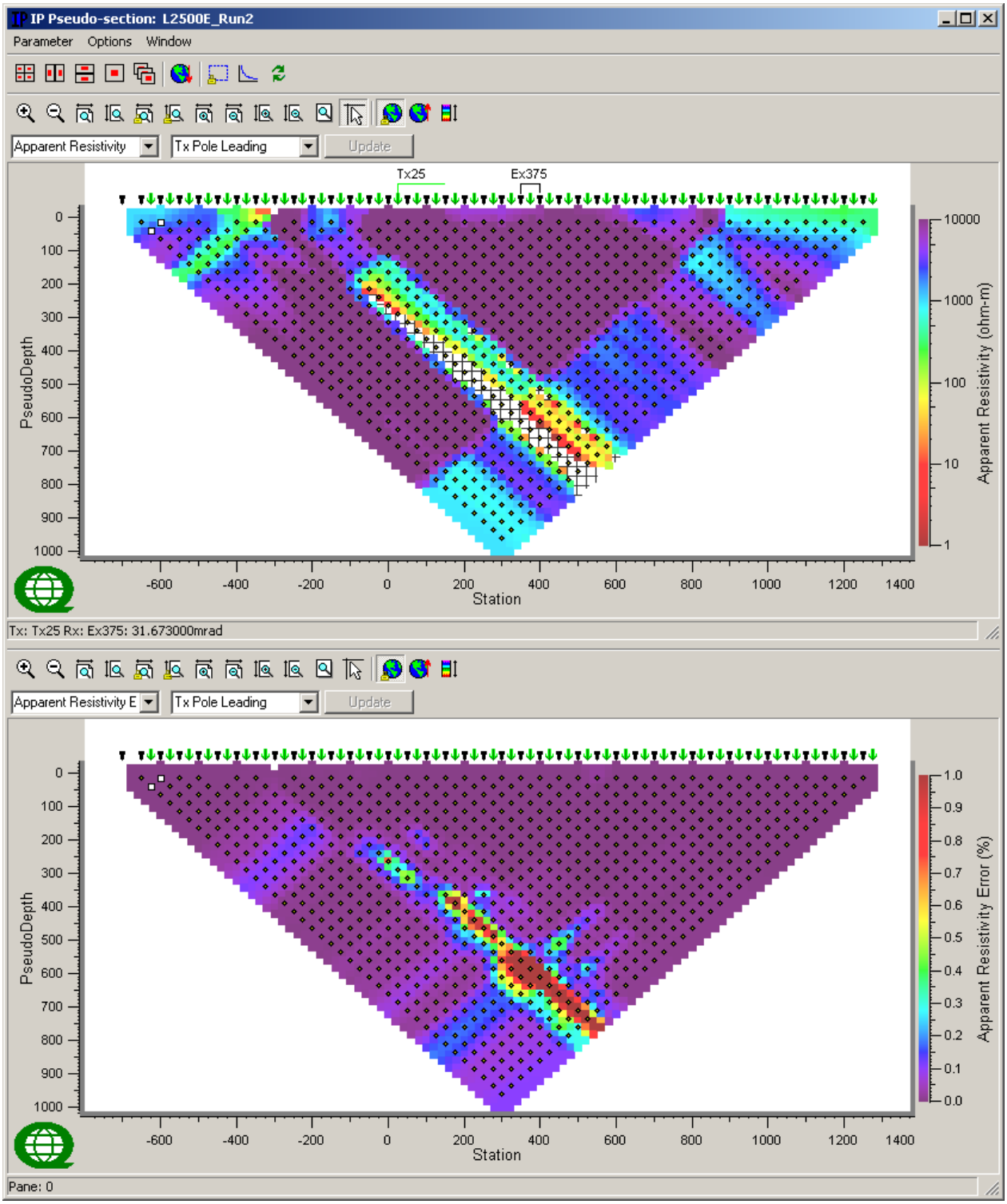
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 2500E

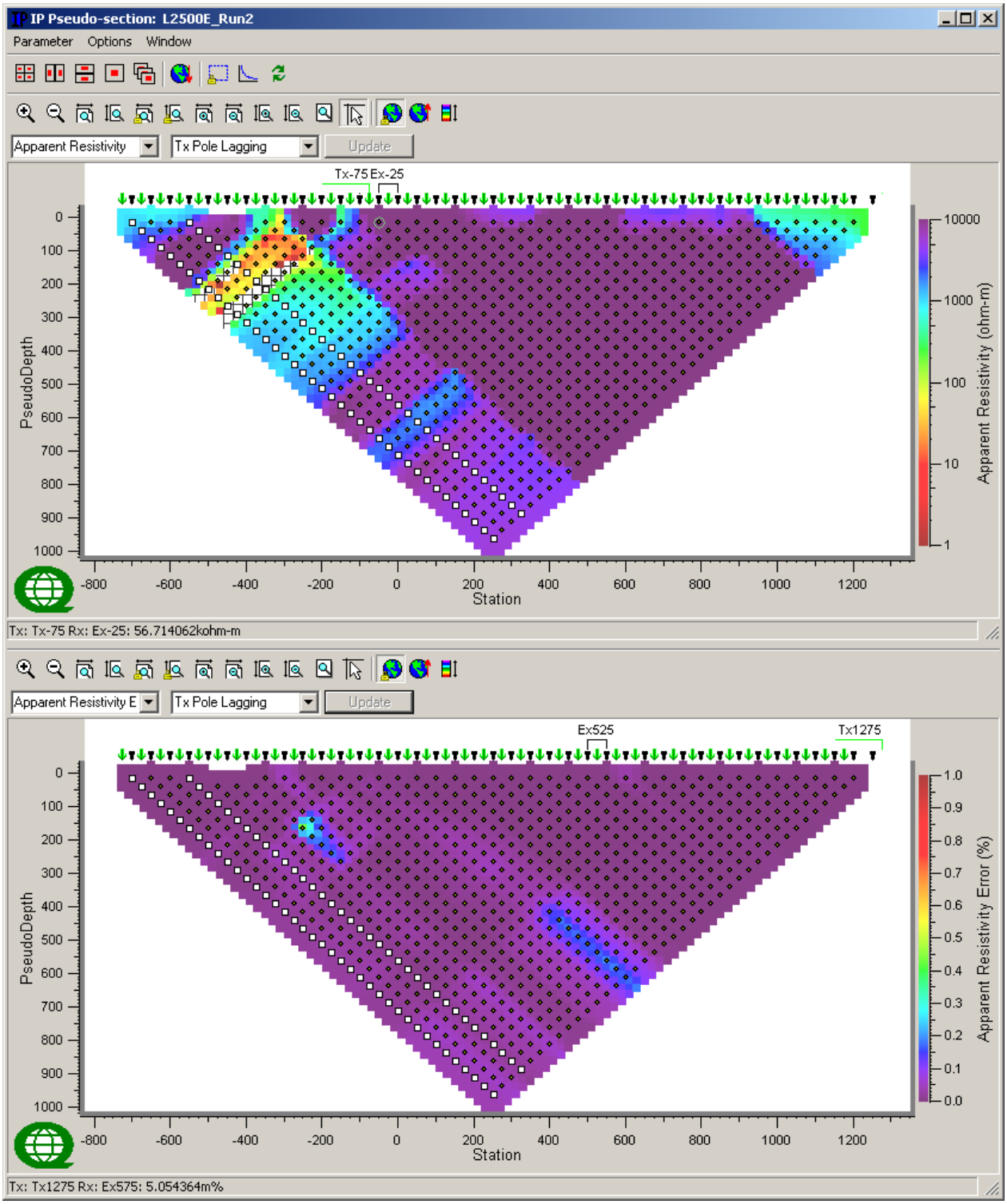
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 2500E

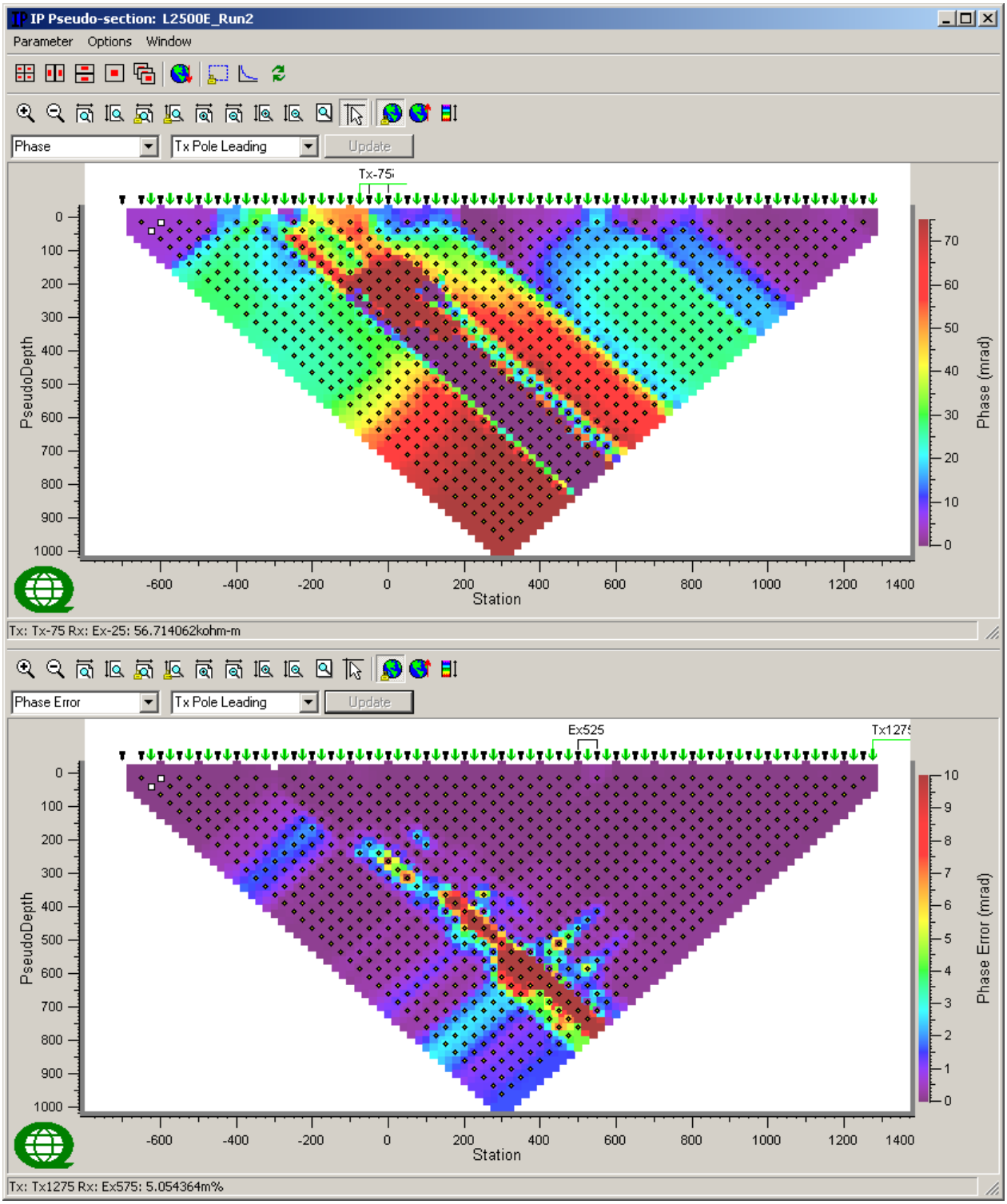
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 2500E

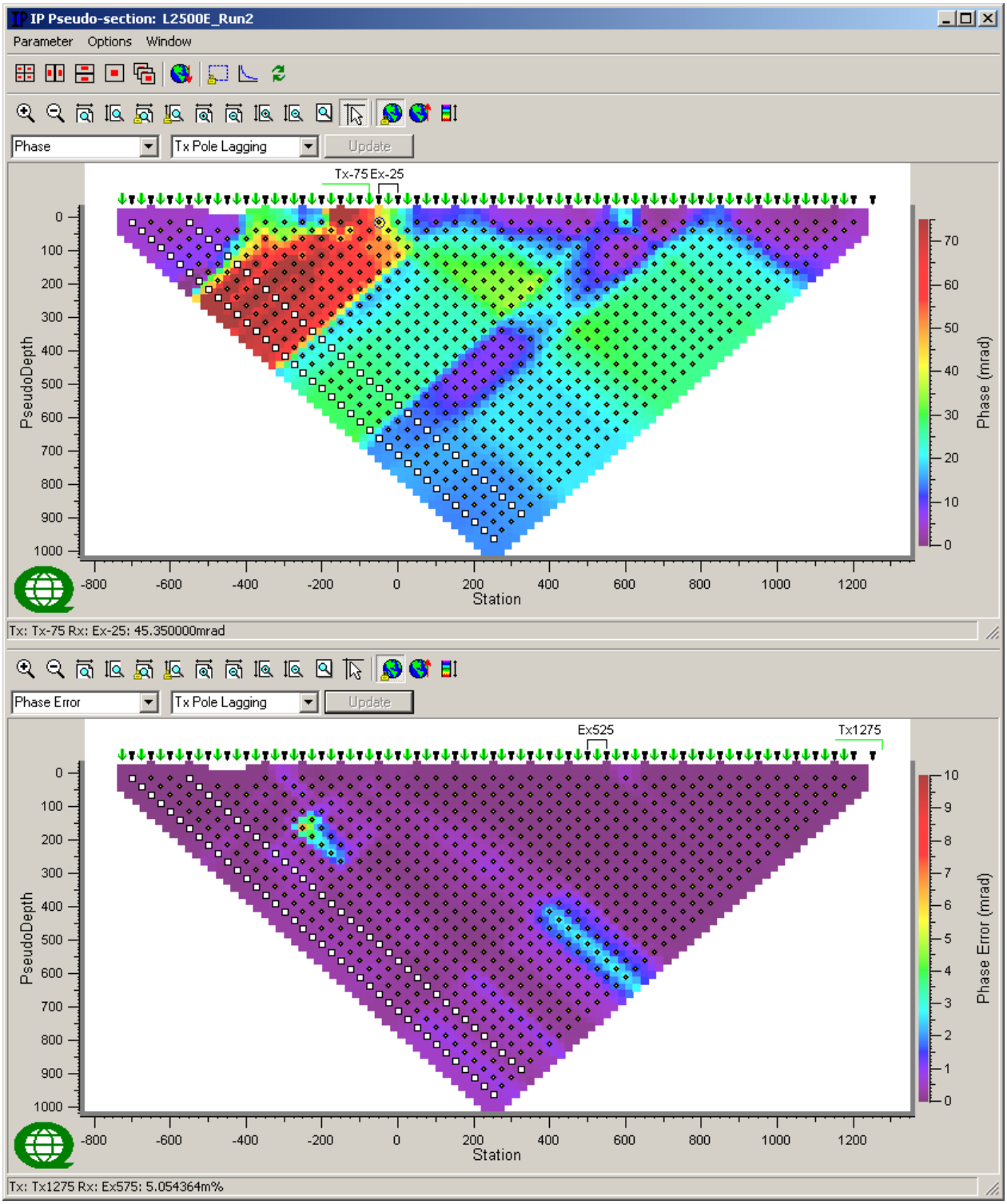
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 2500E

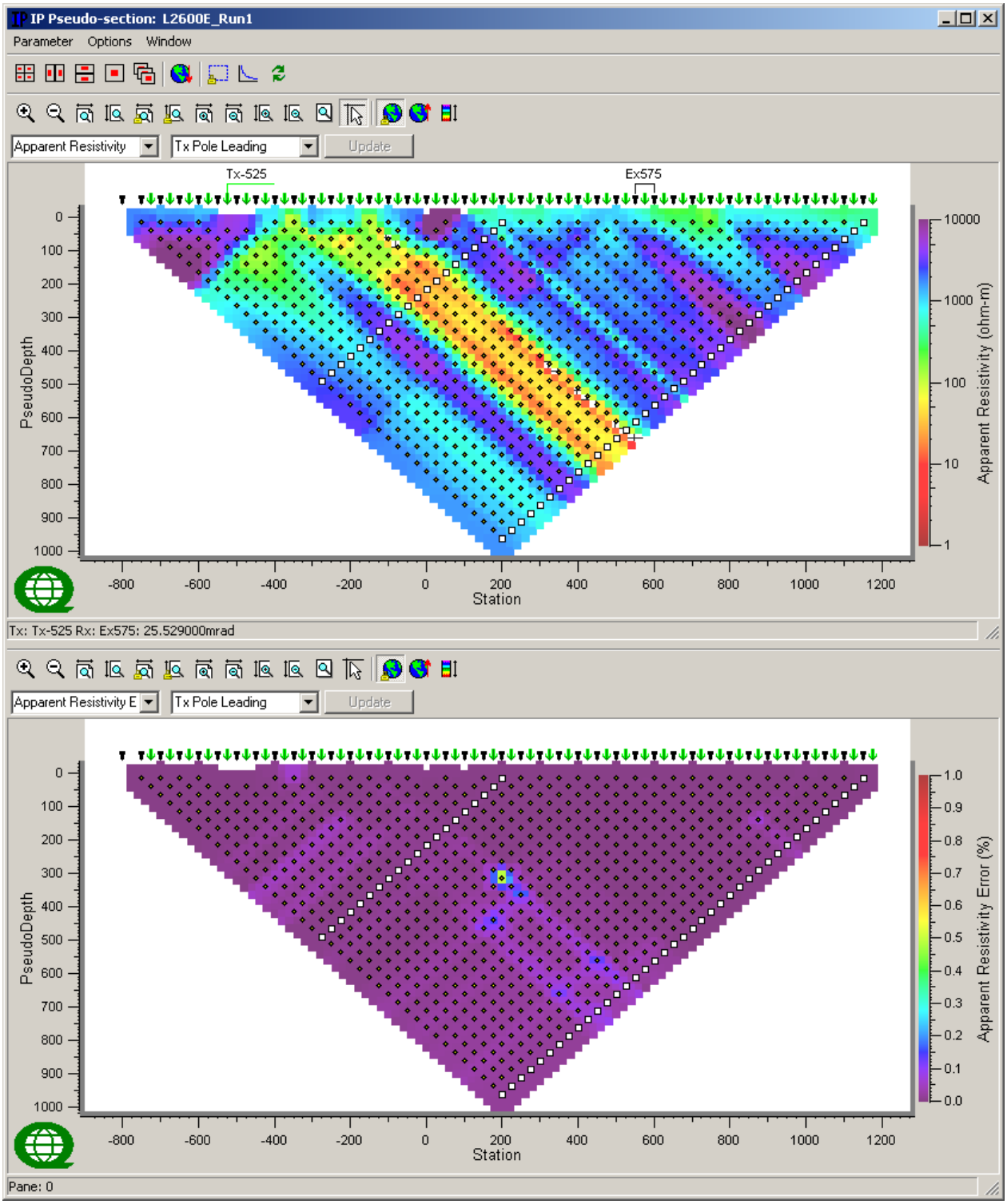
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 2600E

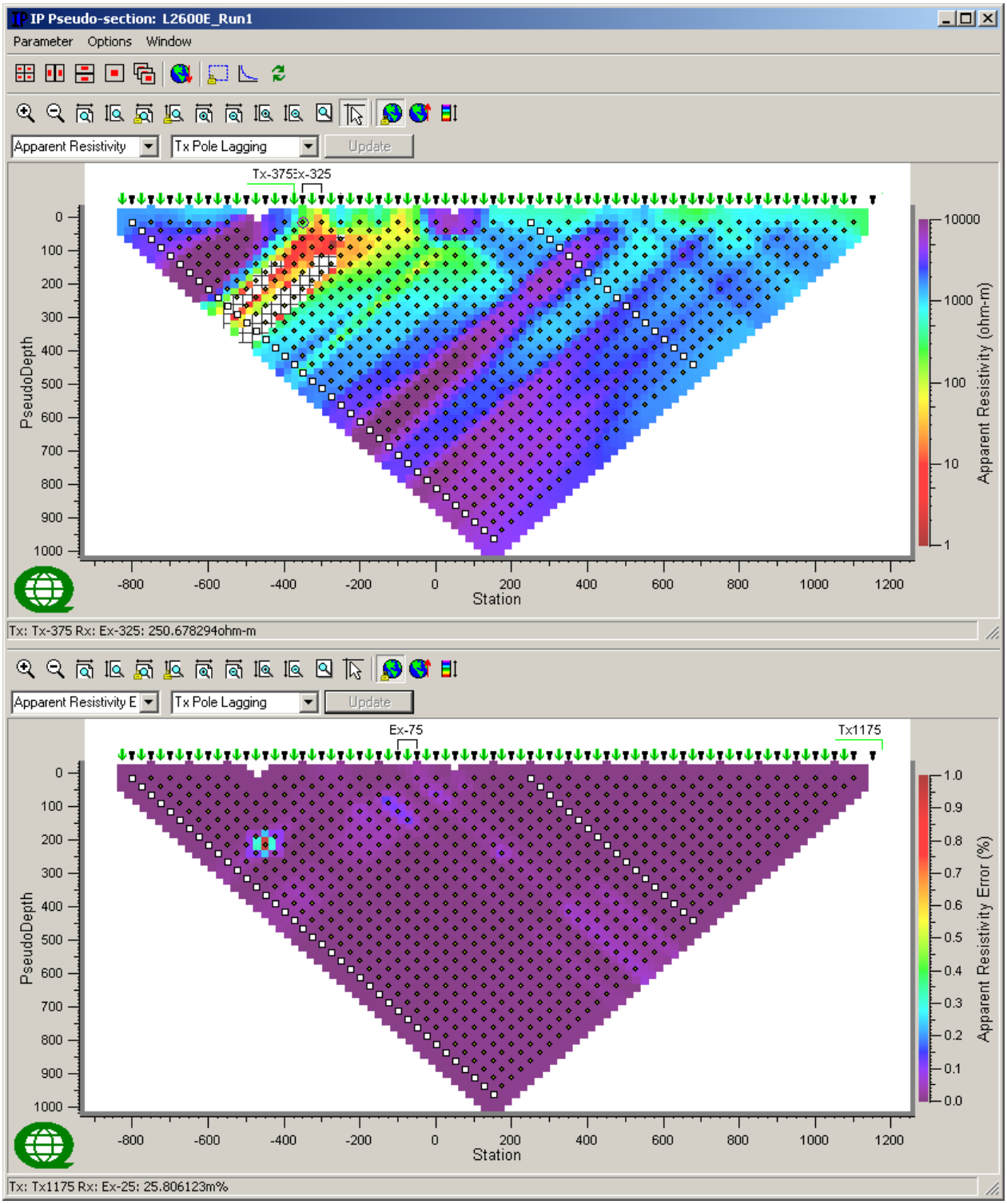
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 2600E

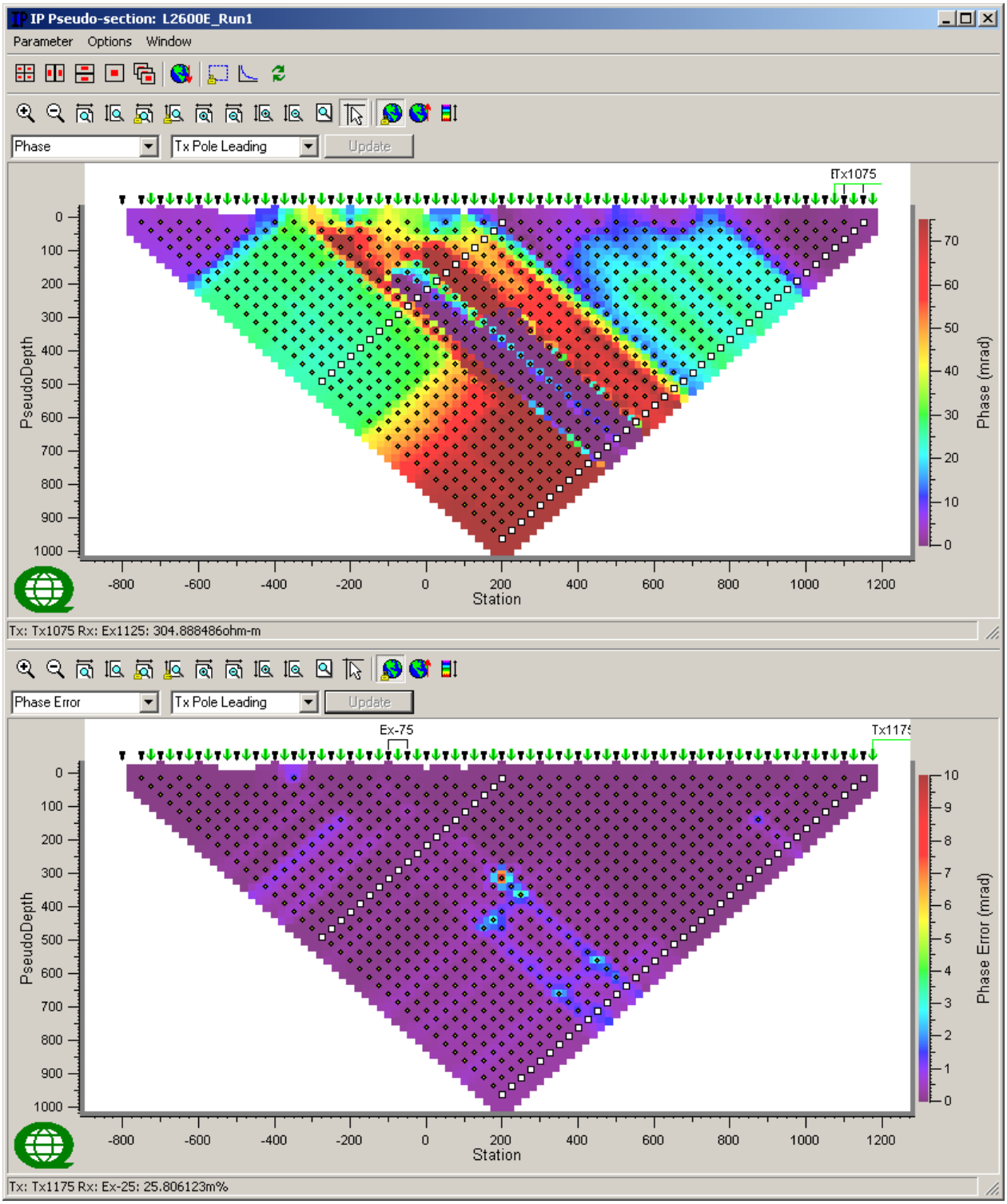
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 2600E

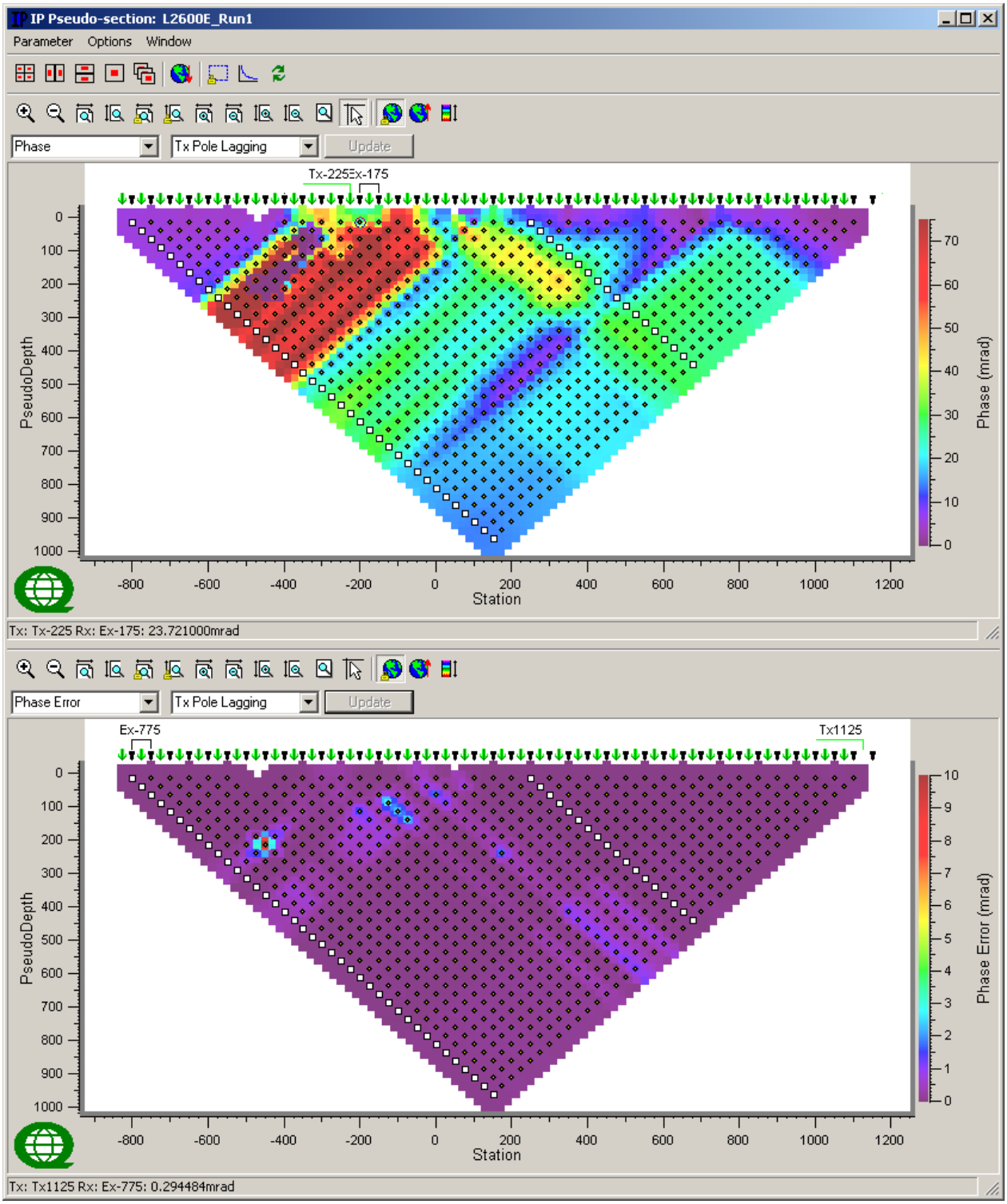
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 2600E

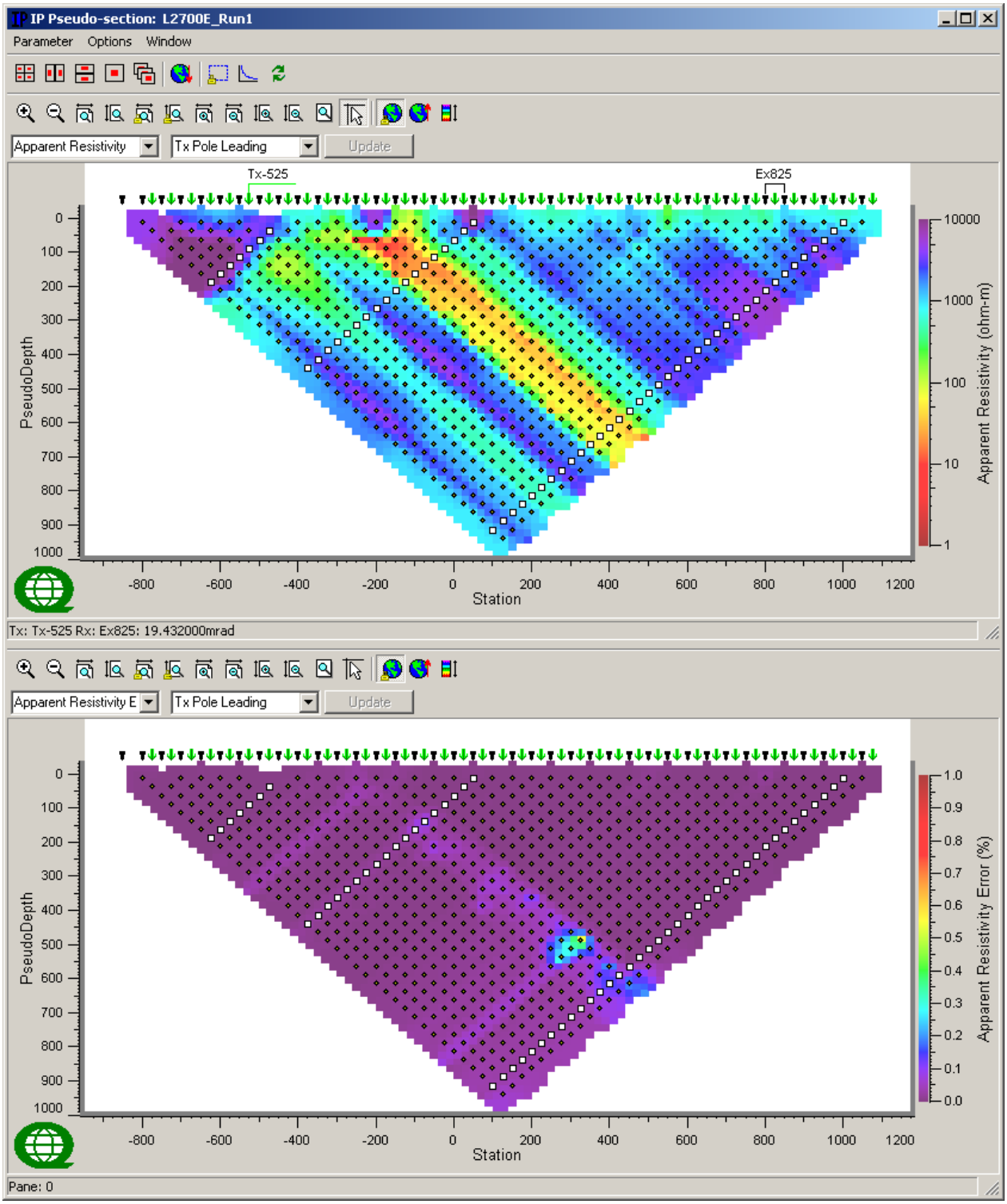
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 2700E

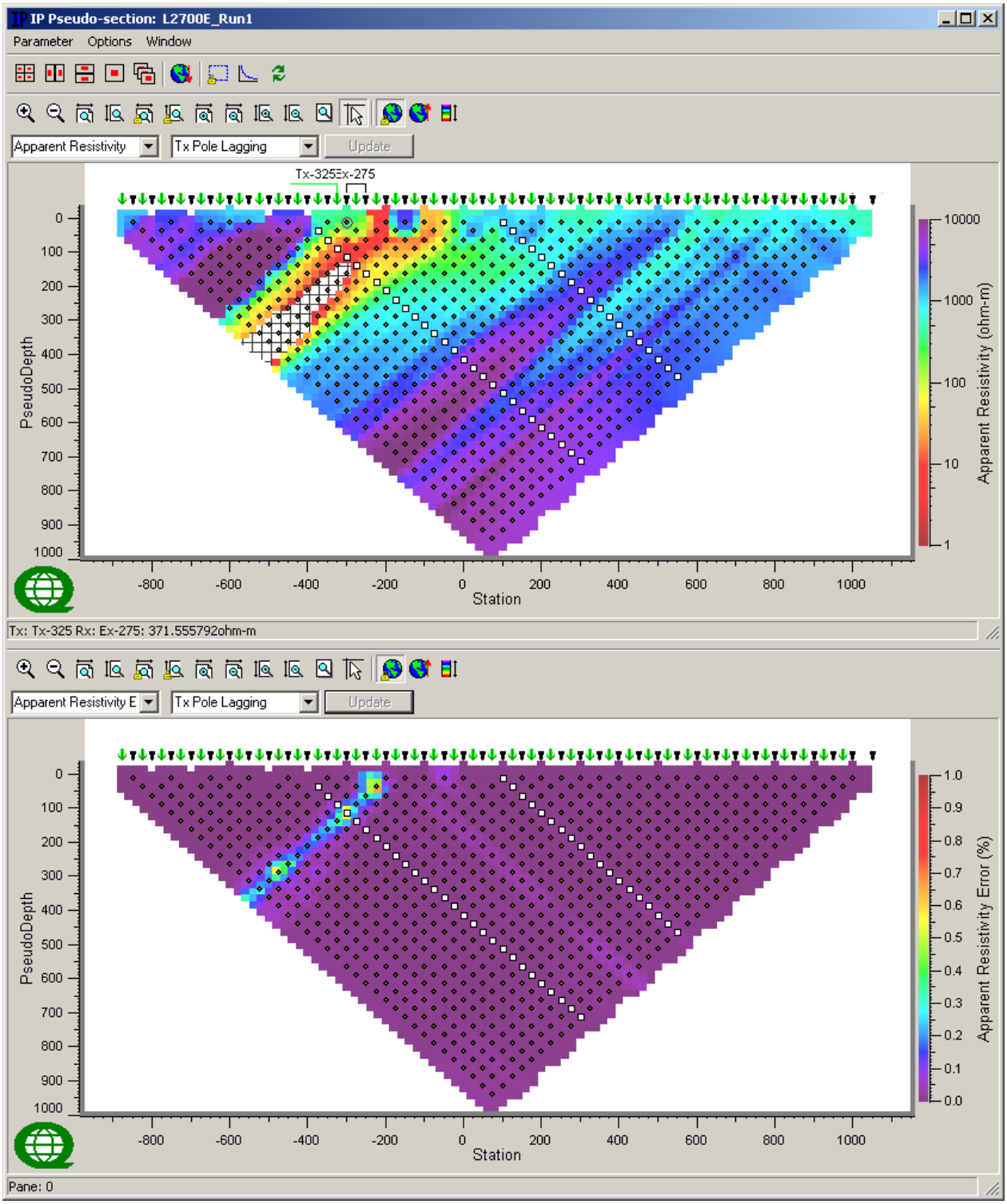
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 2700E

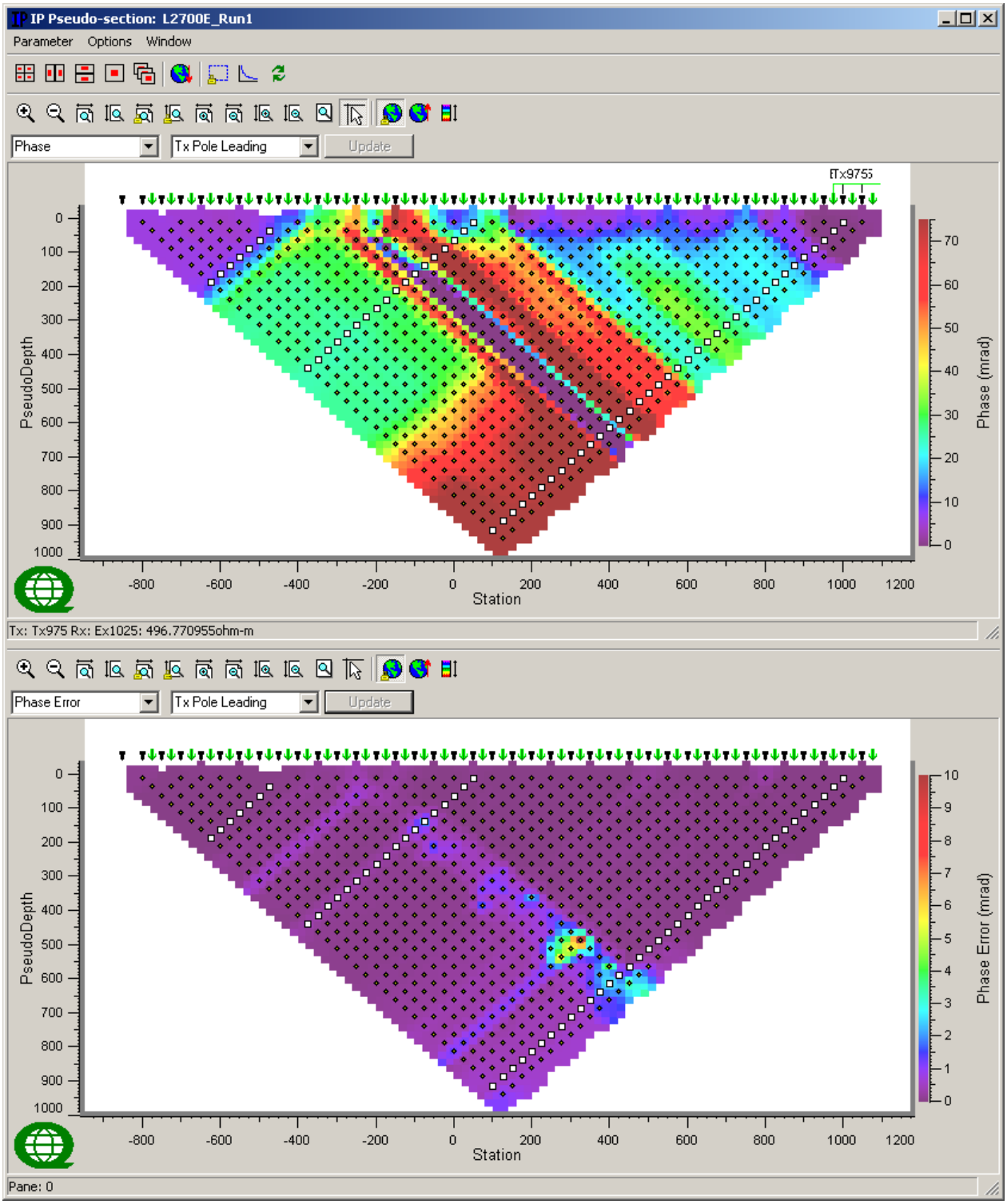
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 2700E

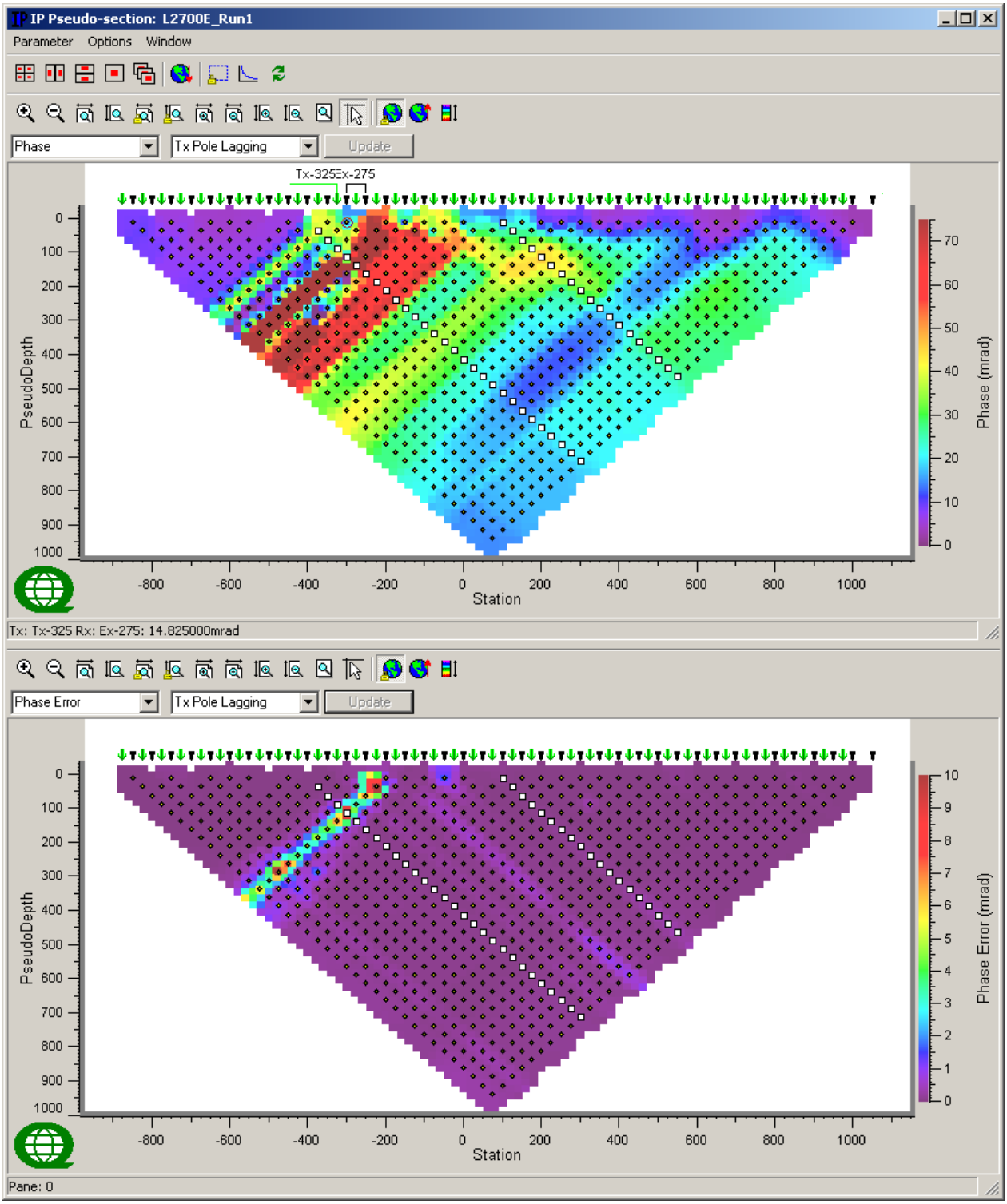
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 2700E

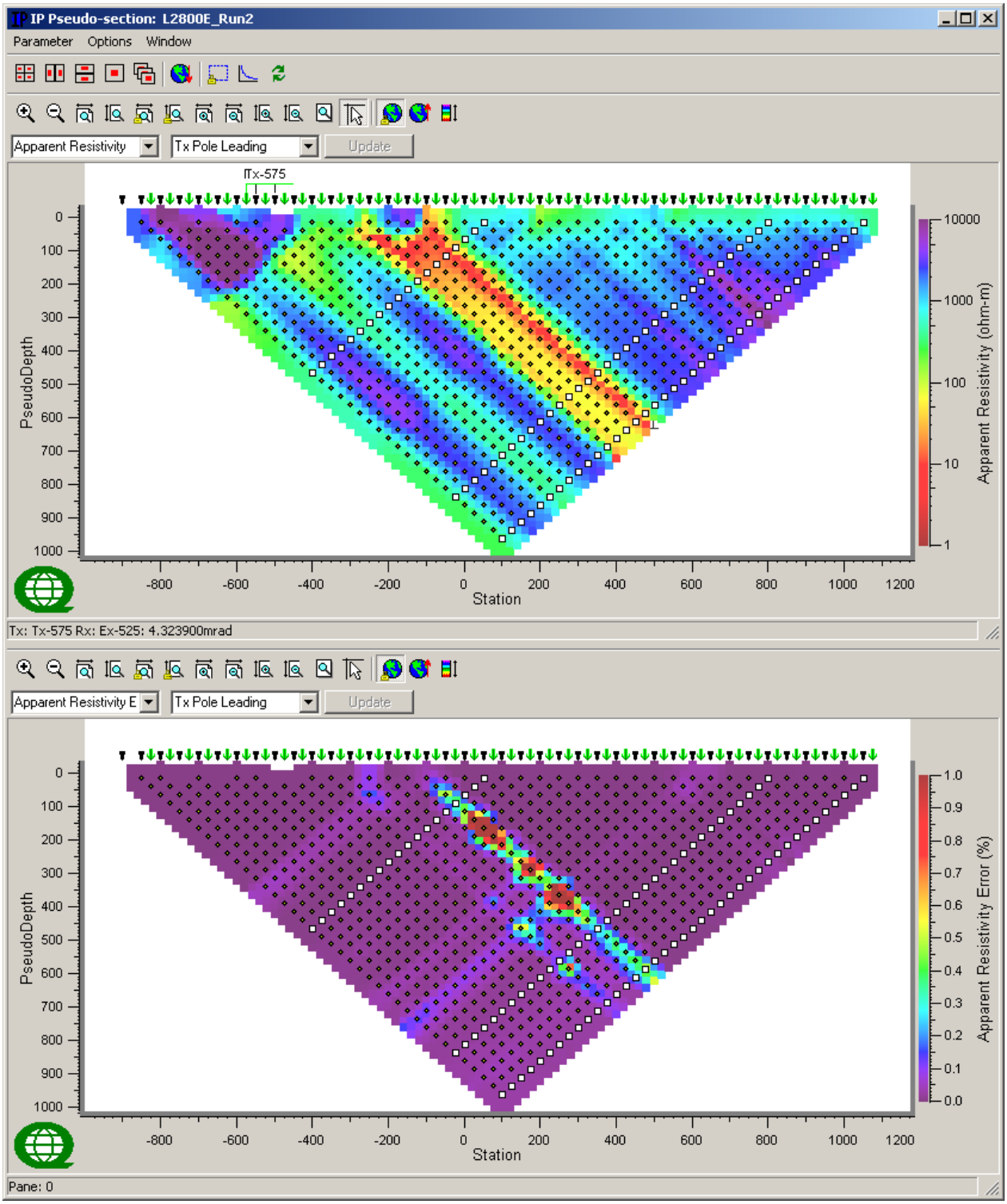
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 2800E

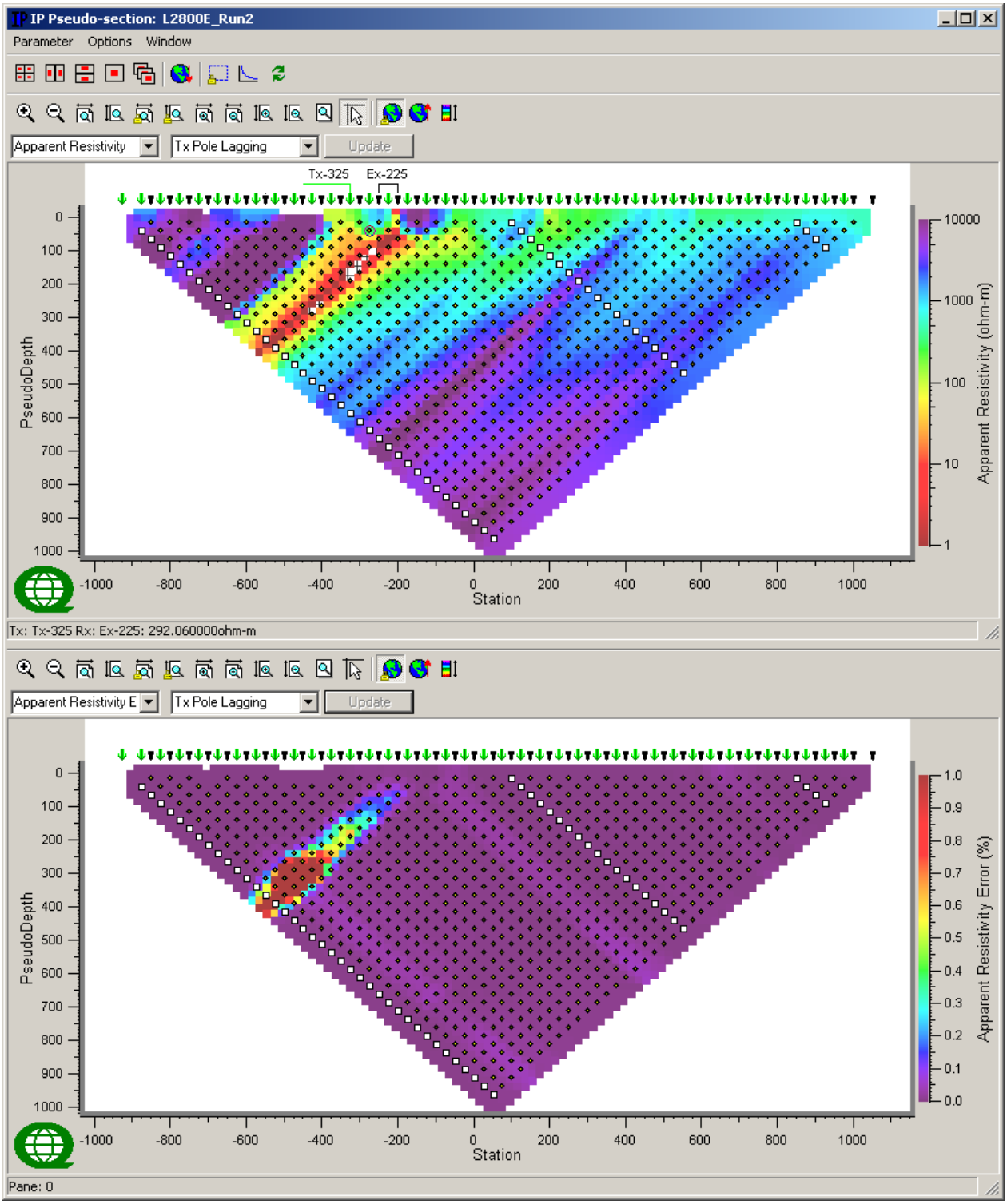
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 2800E

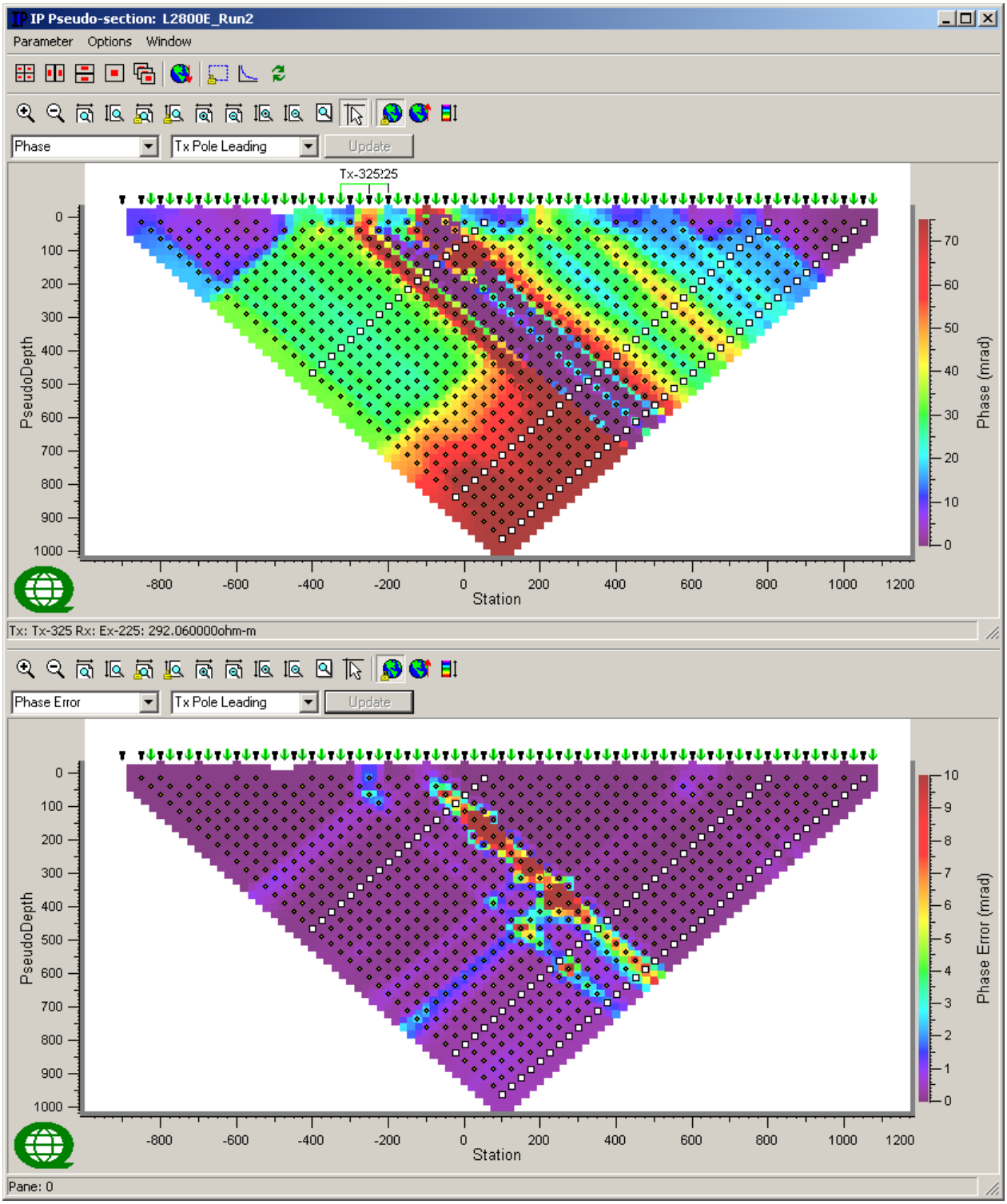
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 2800E

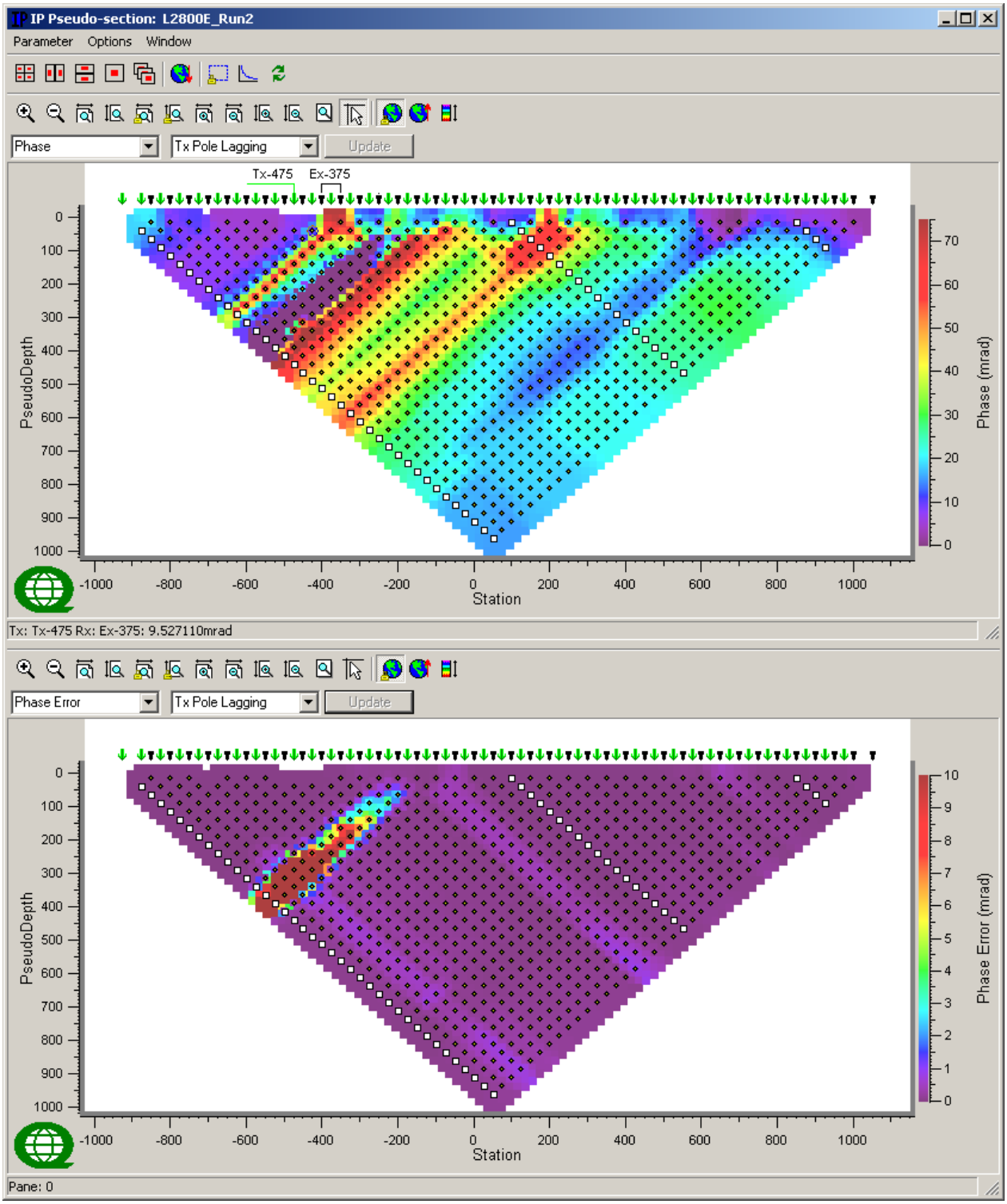
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 2800E

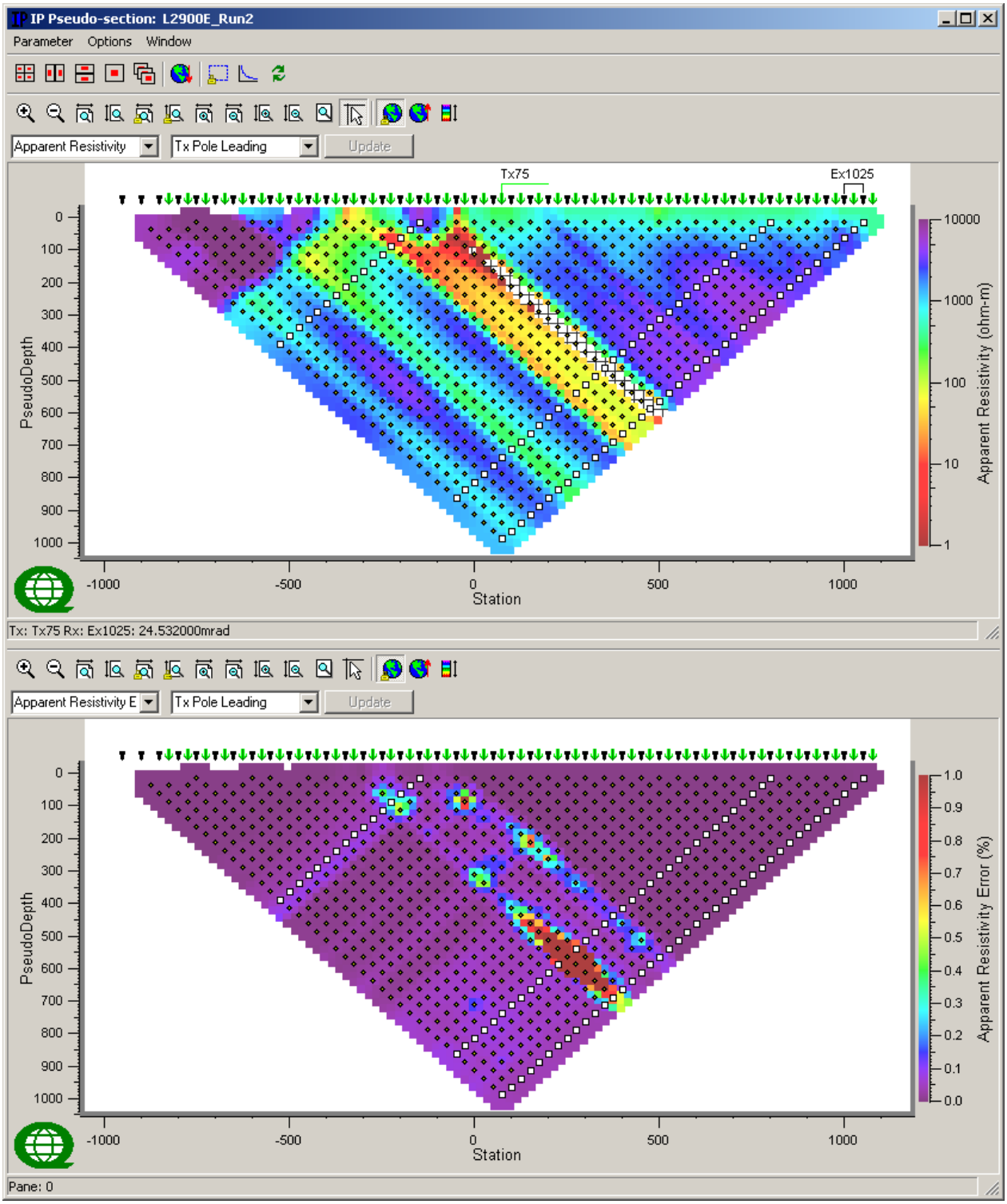
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

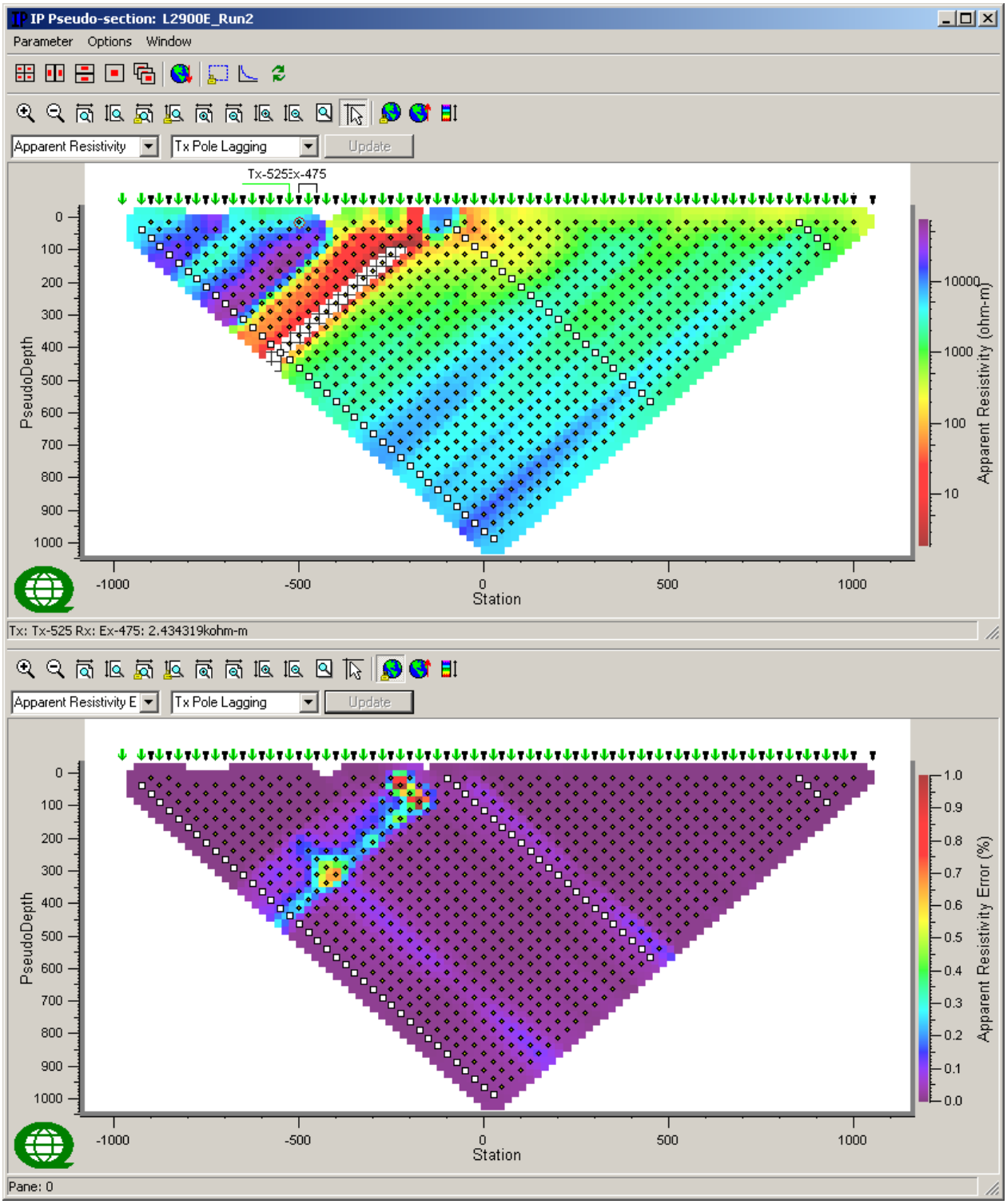
LINE 2900E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



LINE 2900E

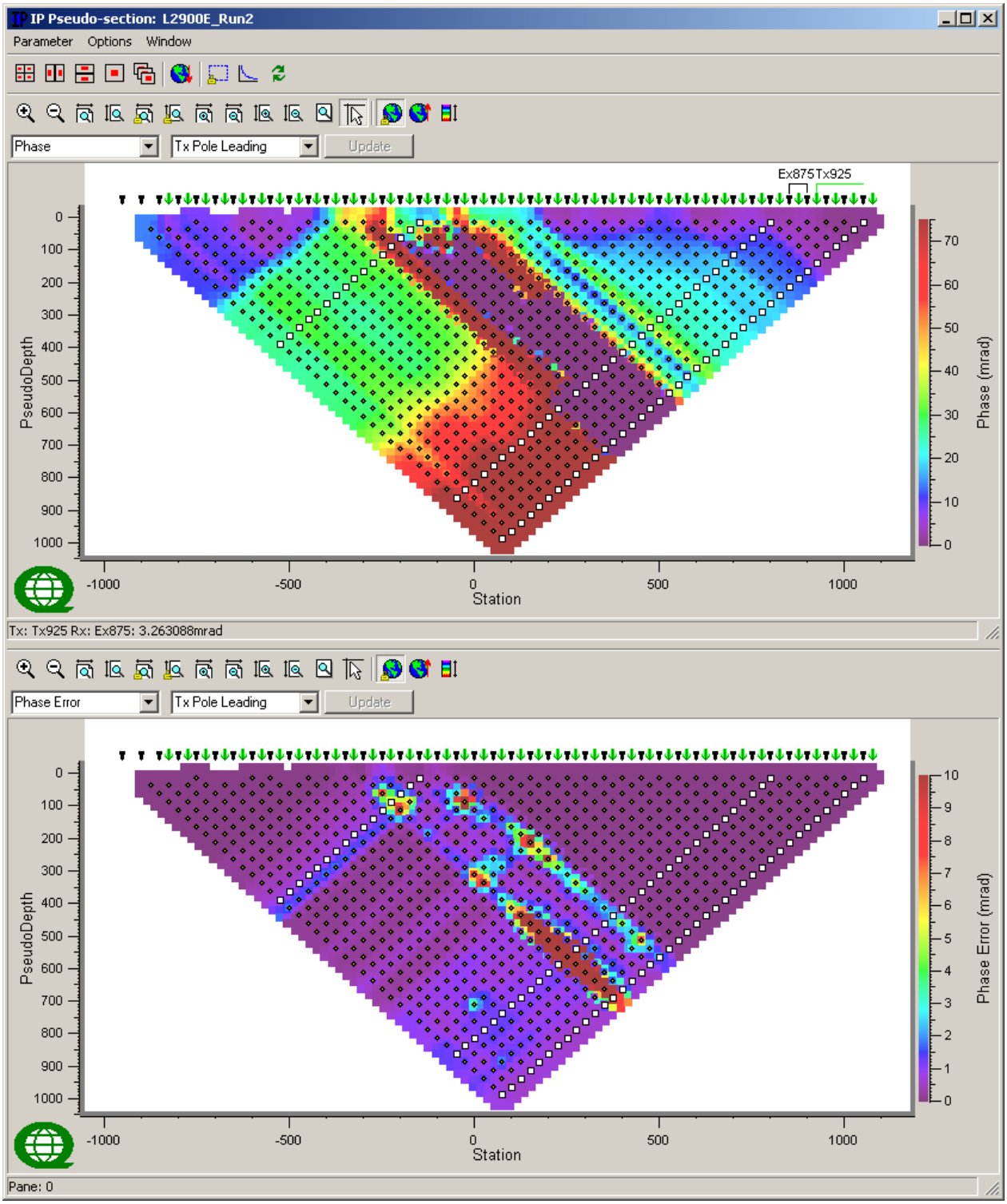
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 2900E

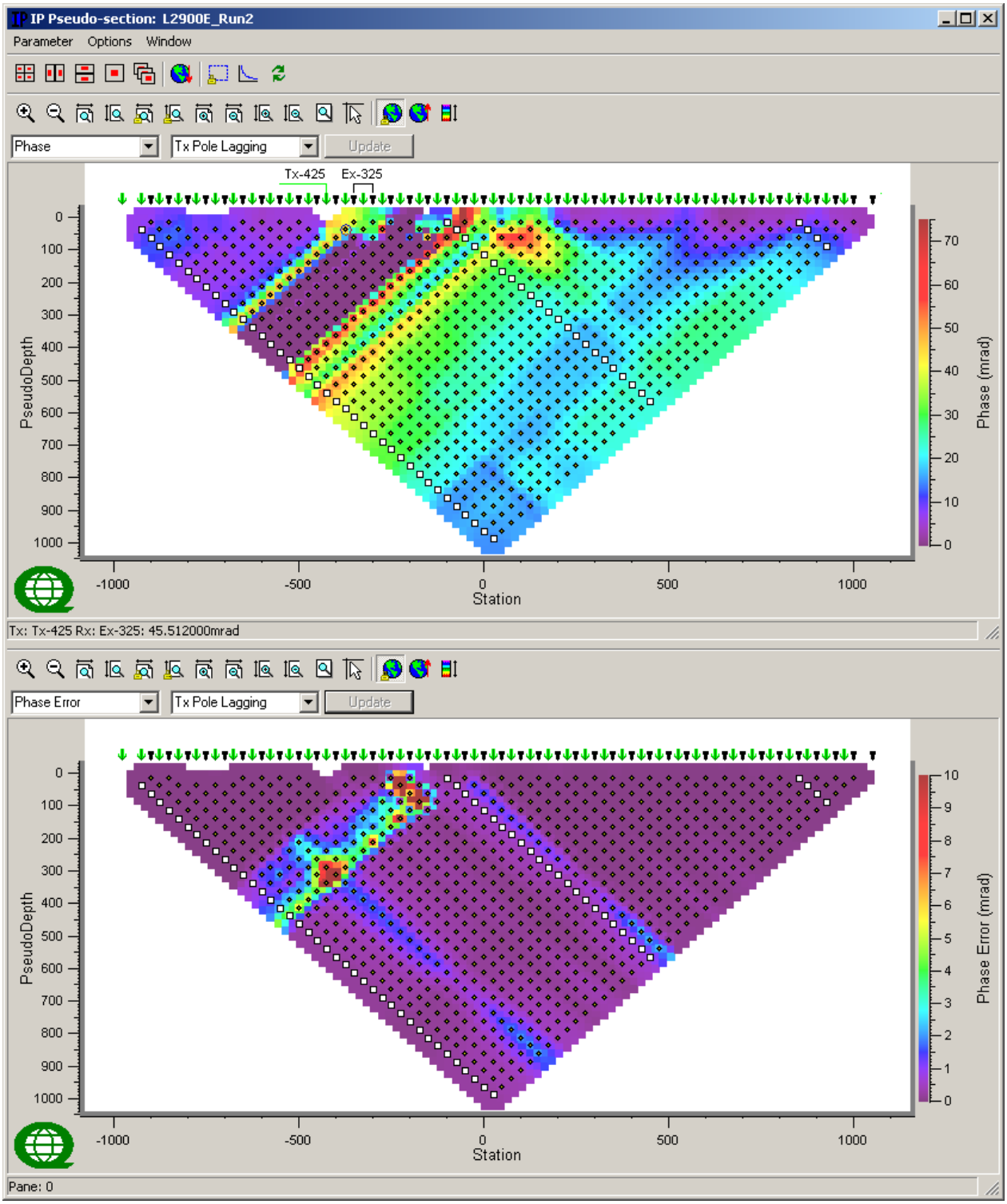
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 2900E

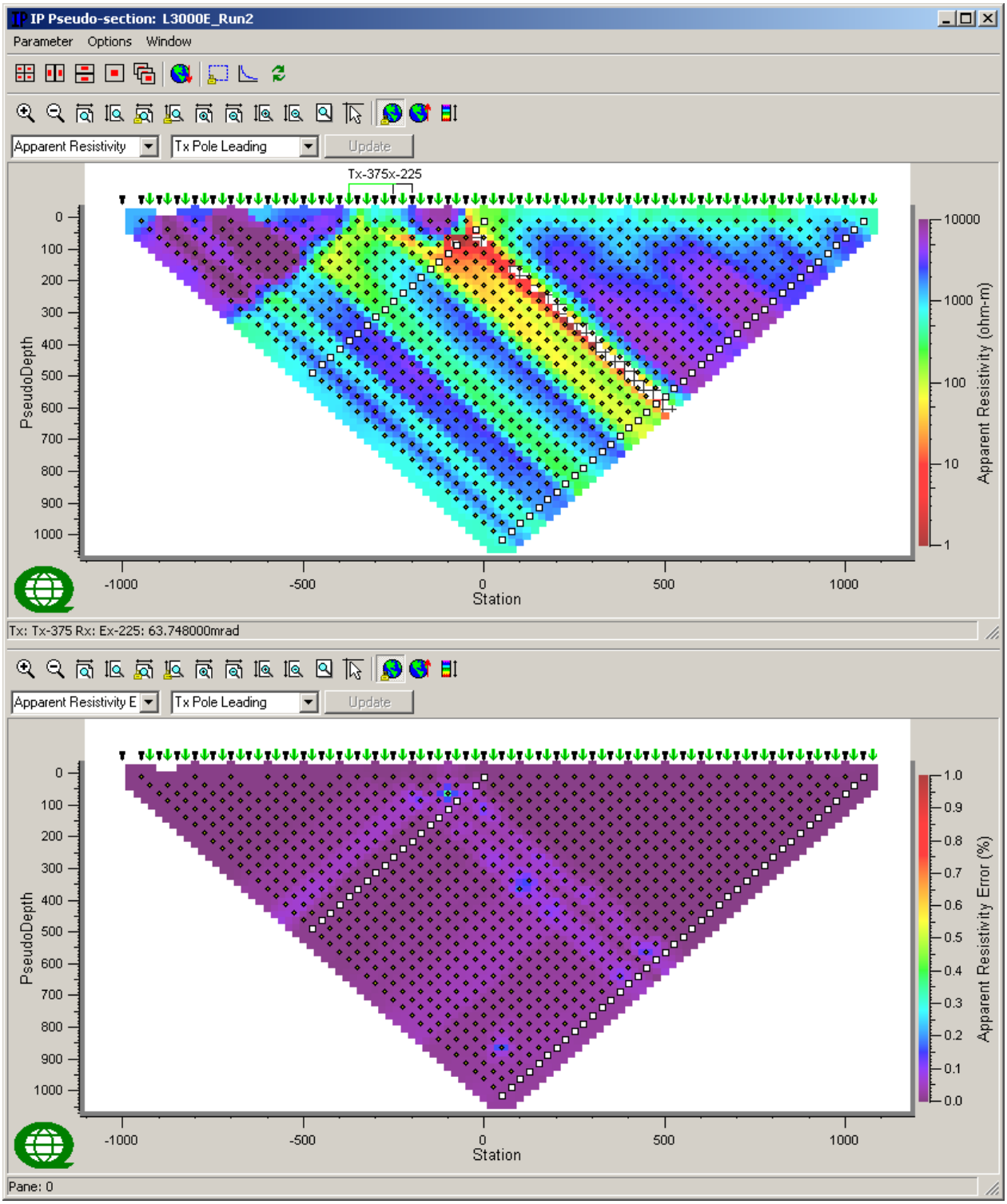
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 3000E

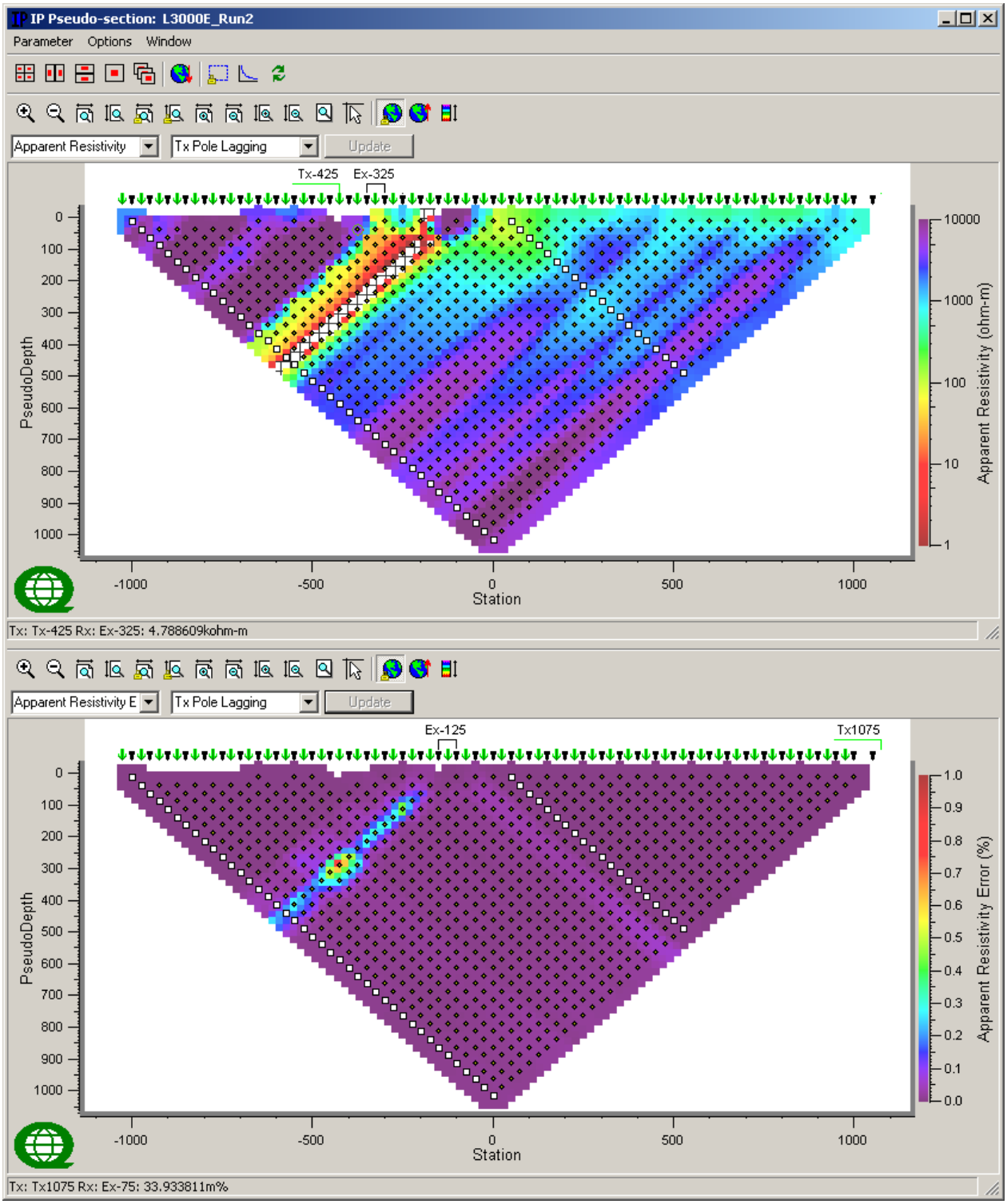
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 3000E

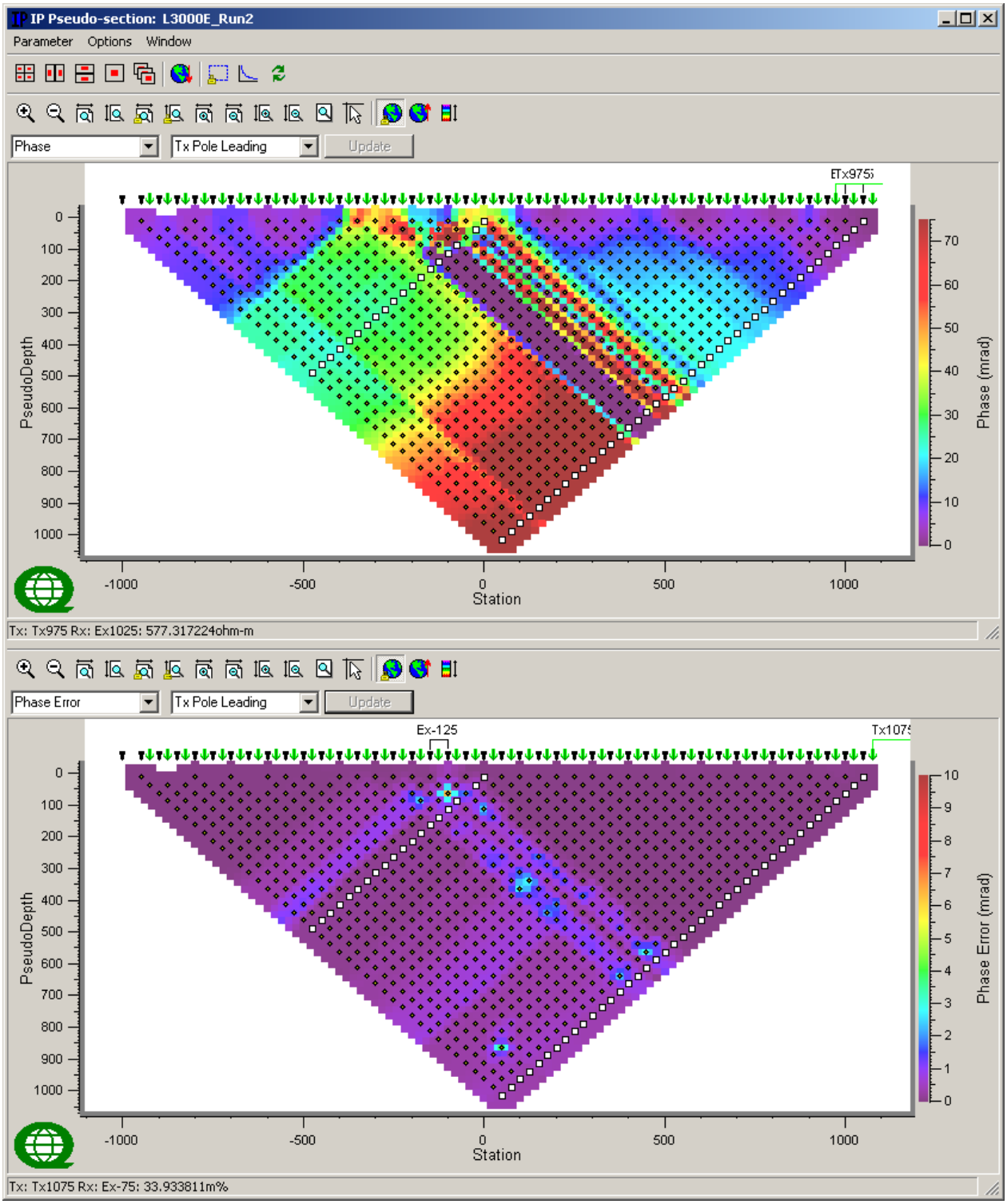
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 3000E

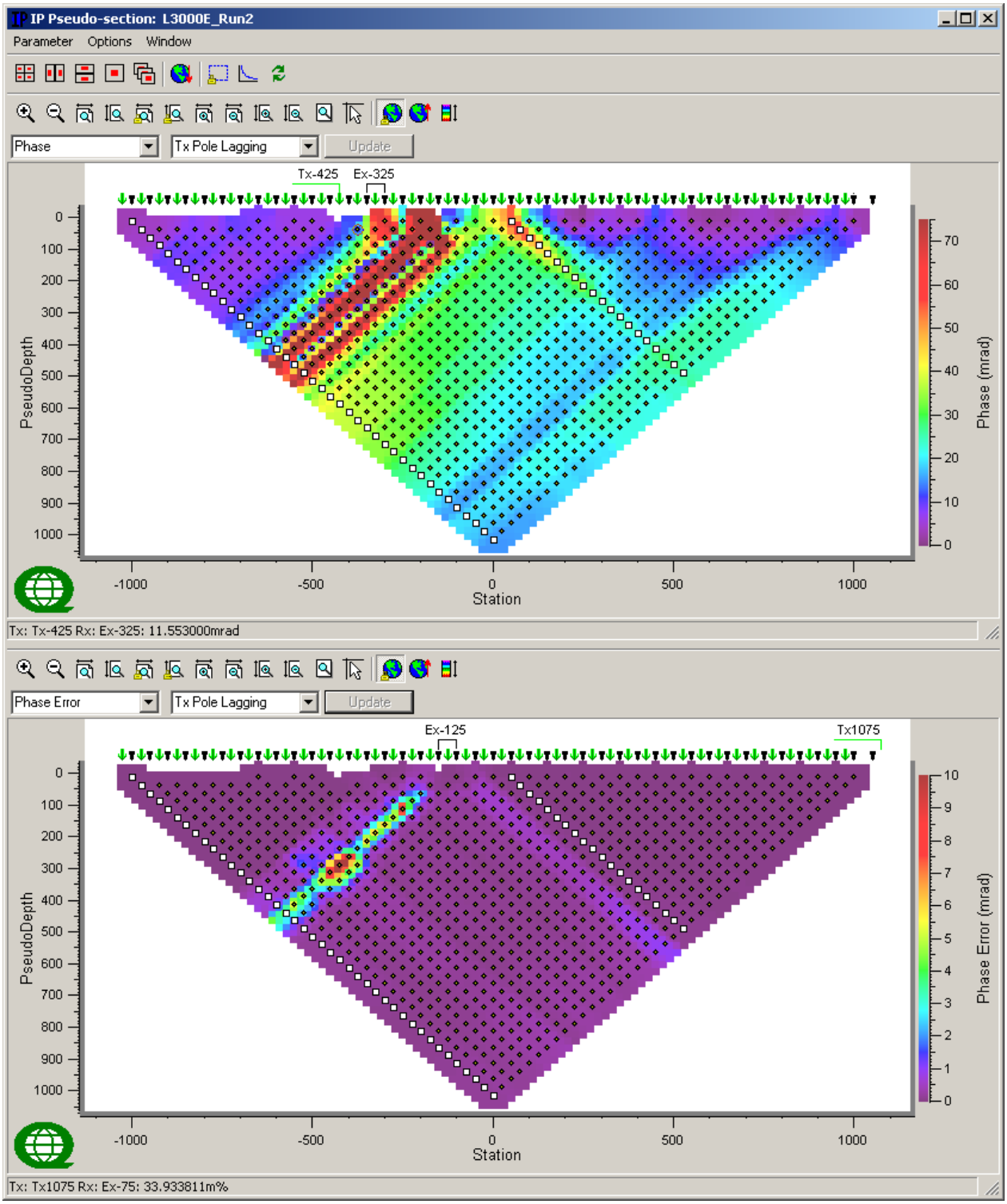
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 3000E

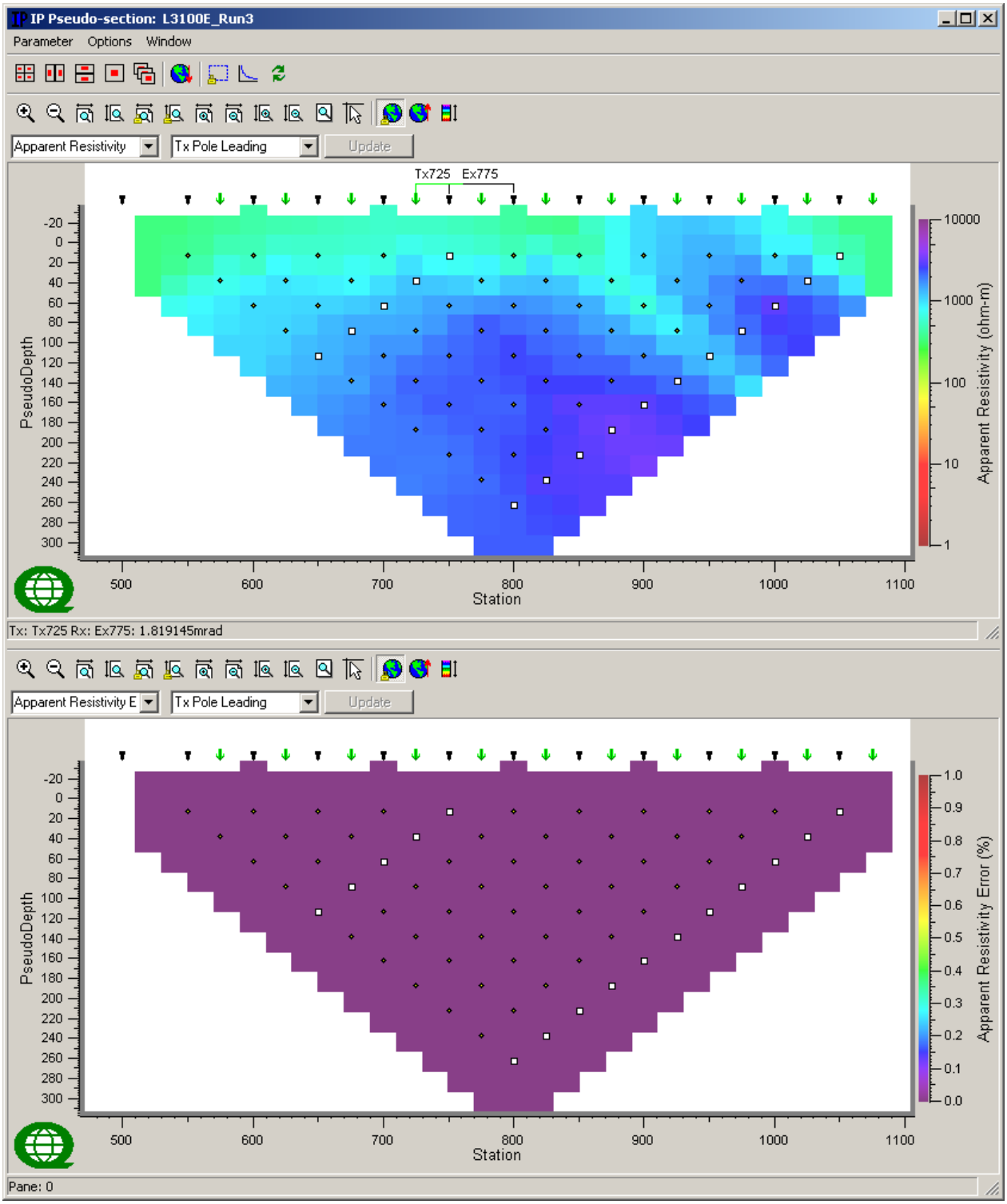
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

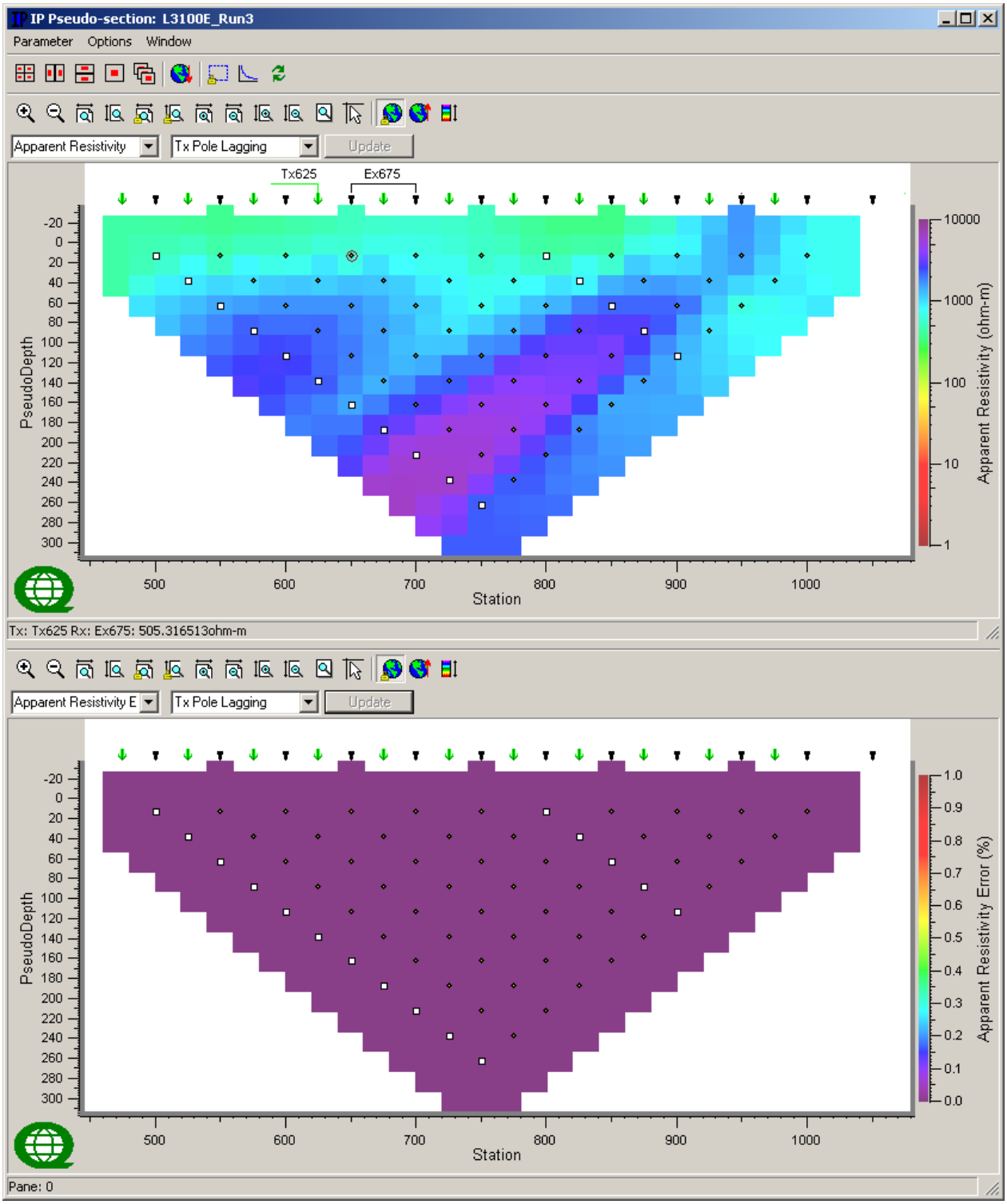
LINE 3100E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



LINE 3100E

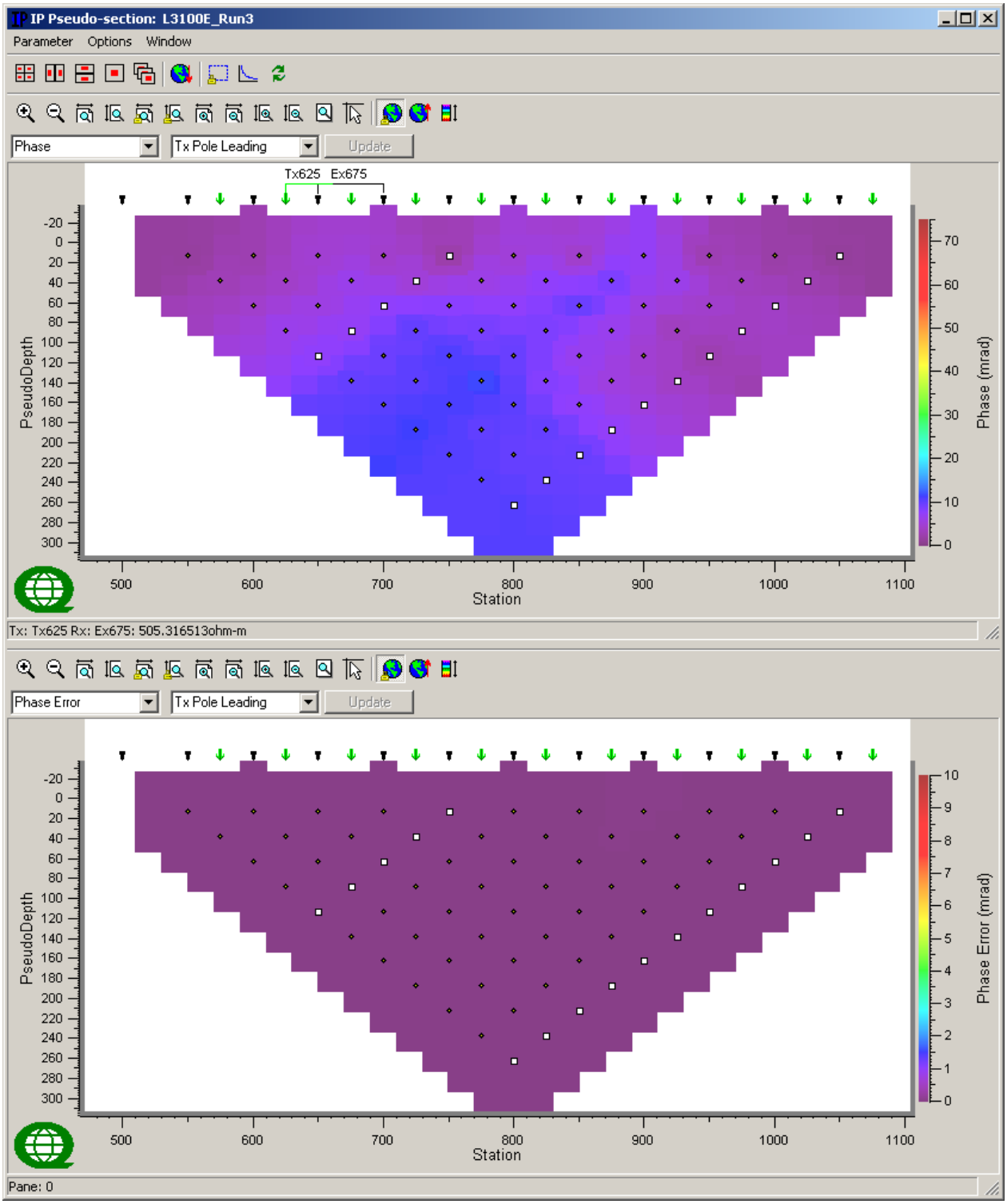
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 3100E

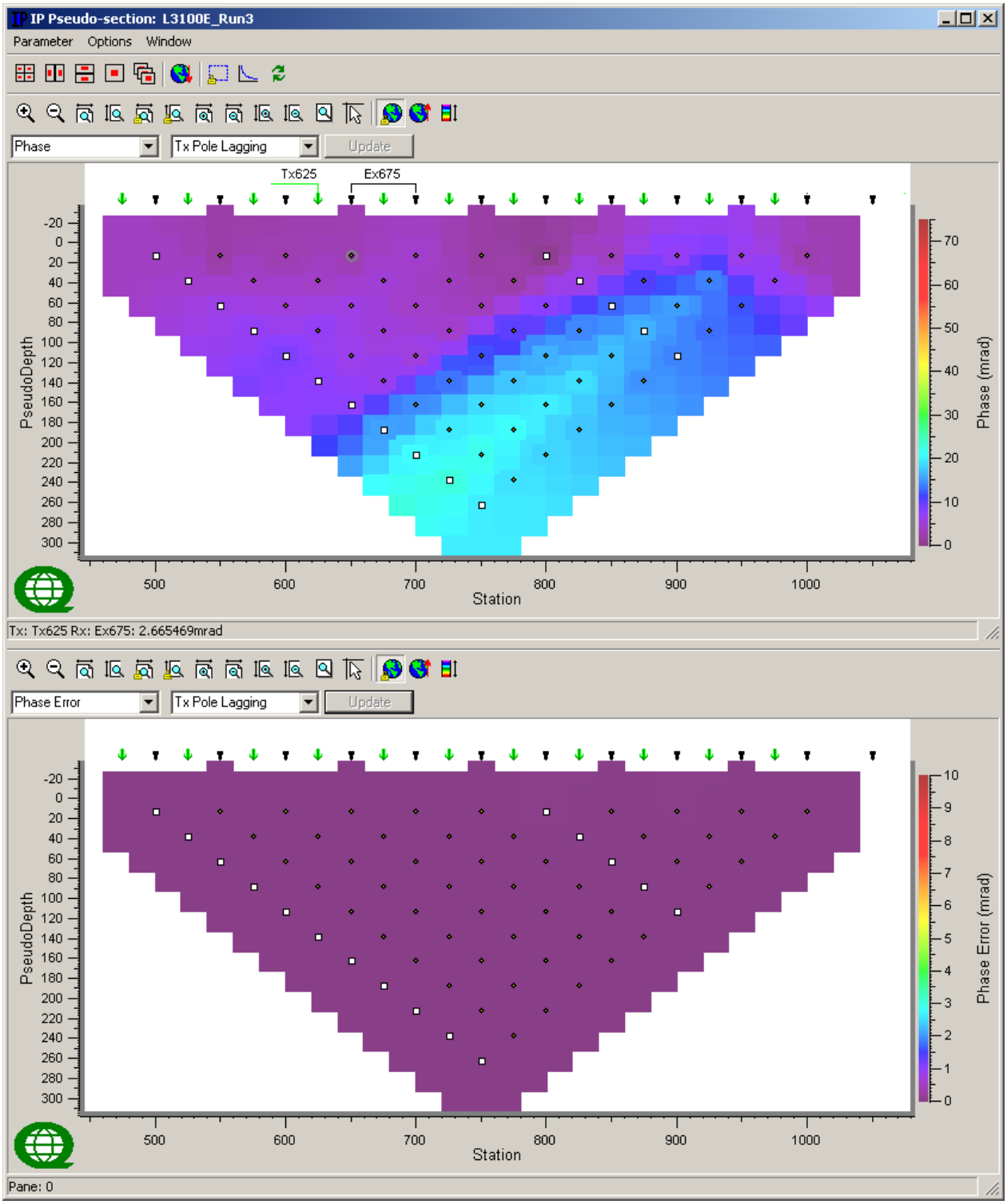
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 3100E

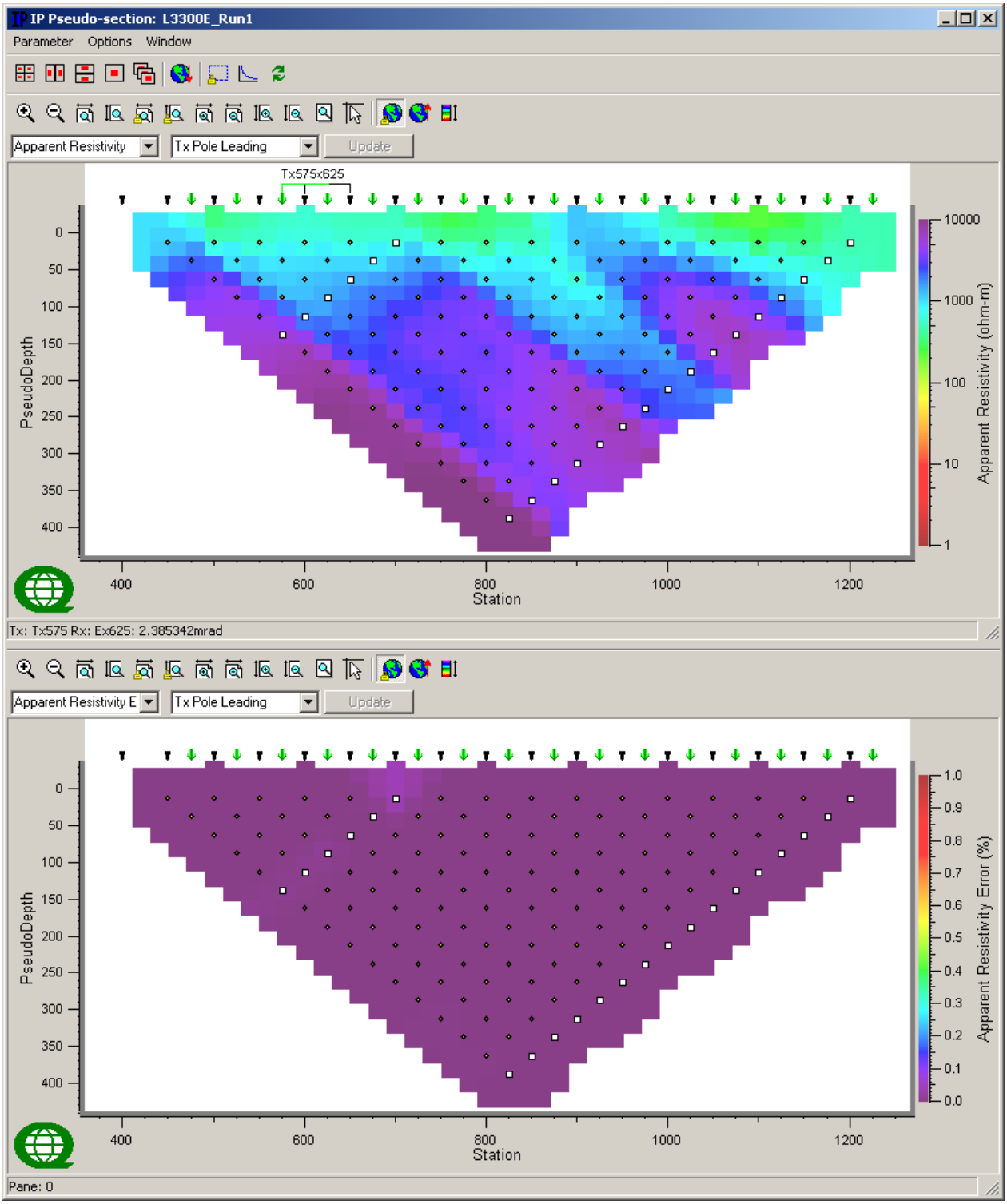
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 3300E

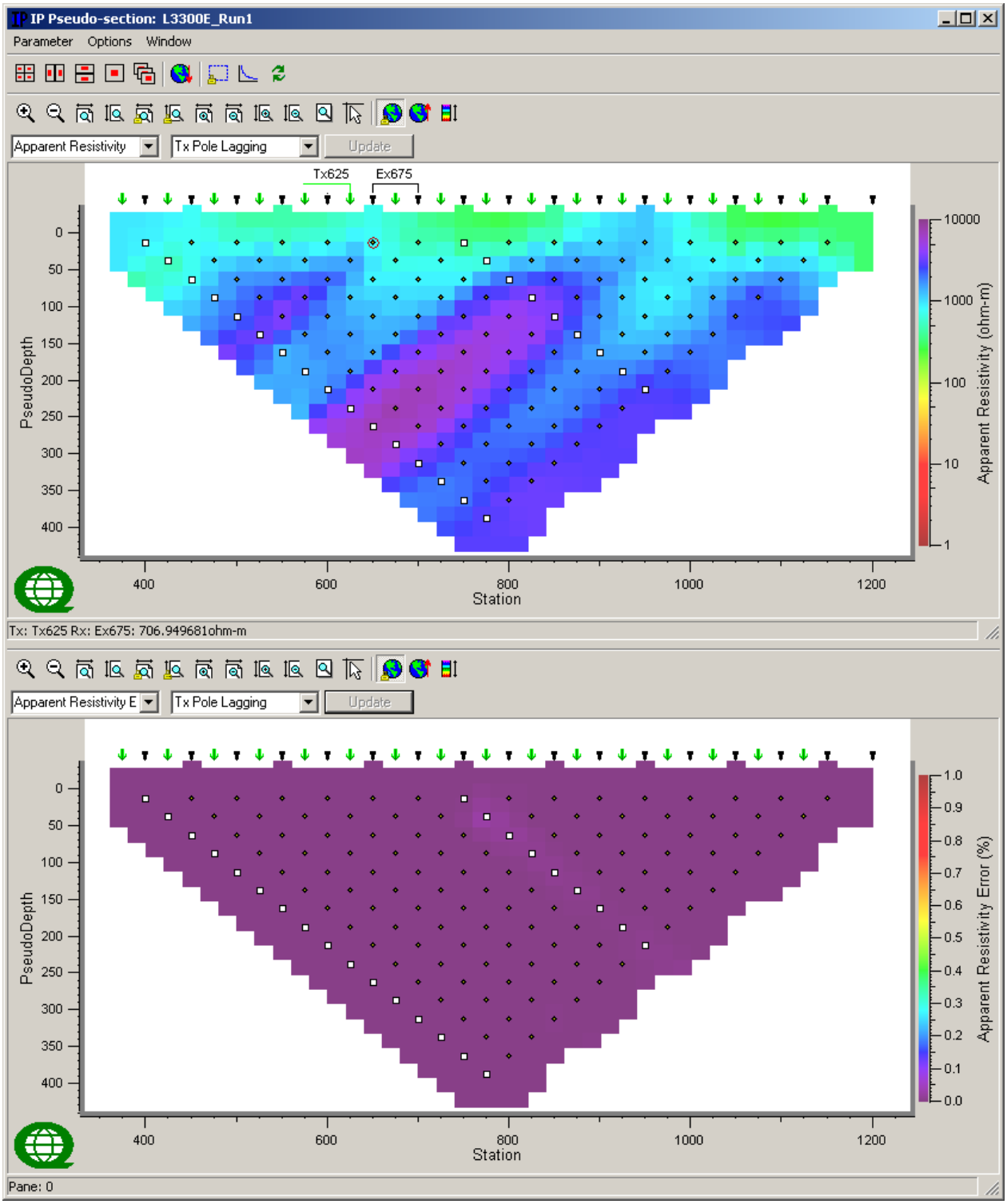
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 3300E

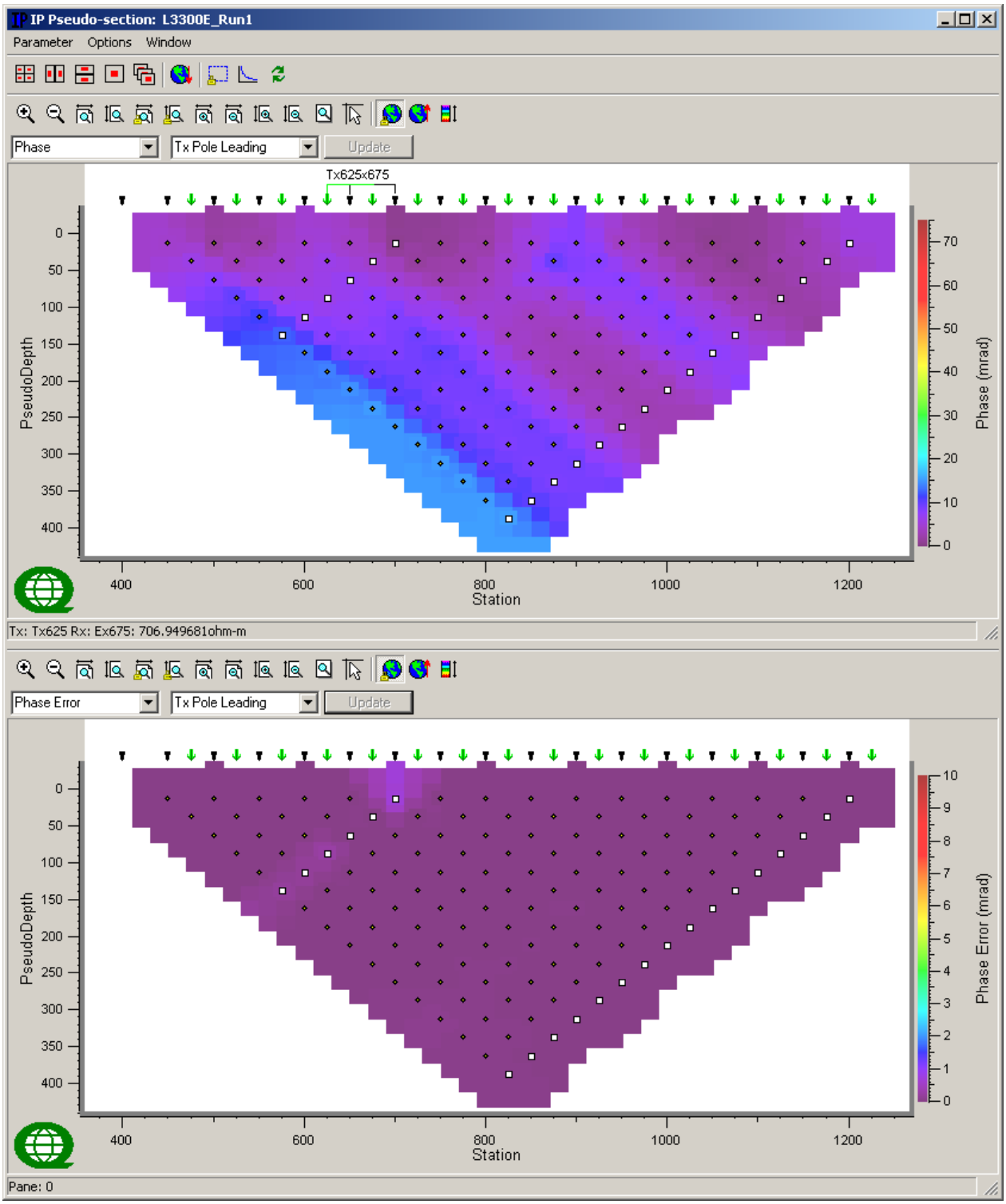
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 3300E

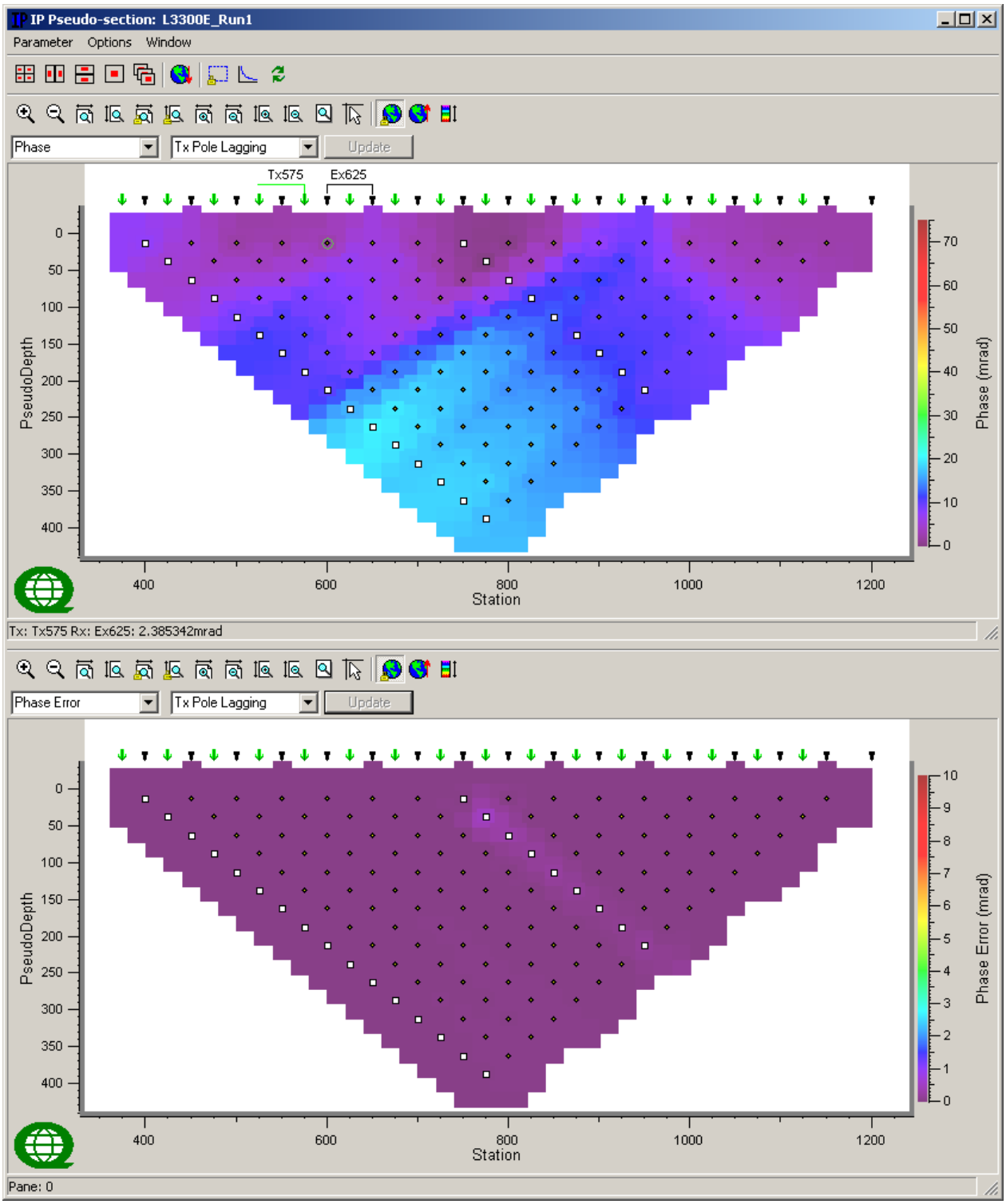
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 3300E

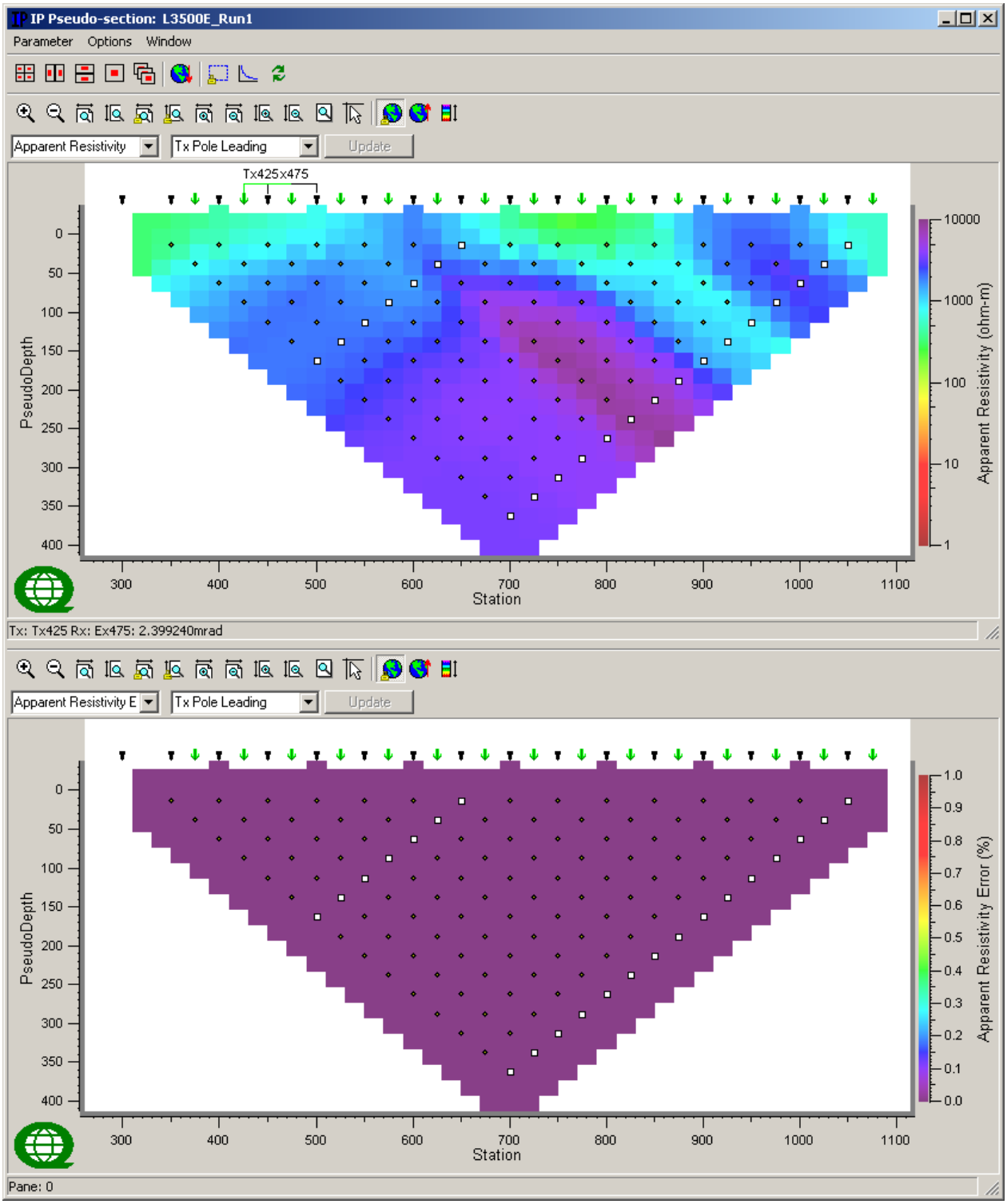
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

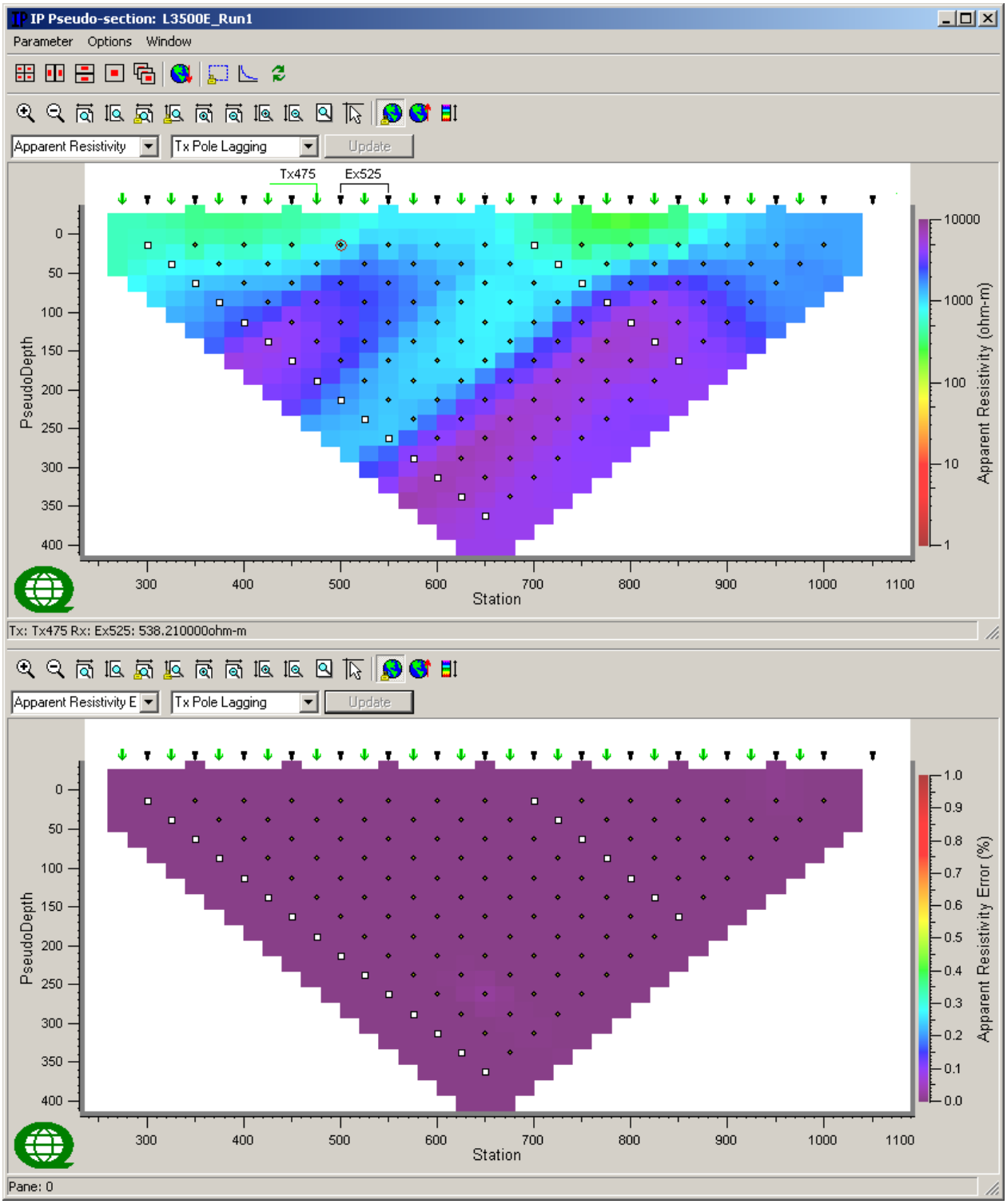
LINE 3500E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



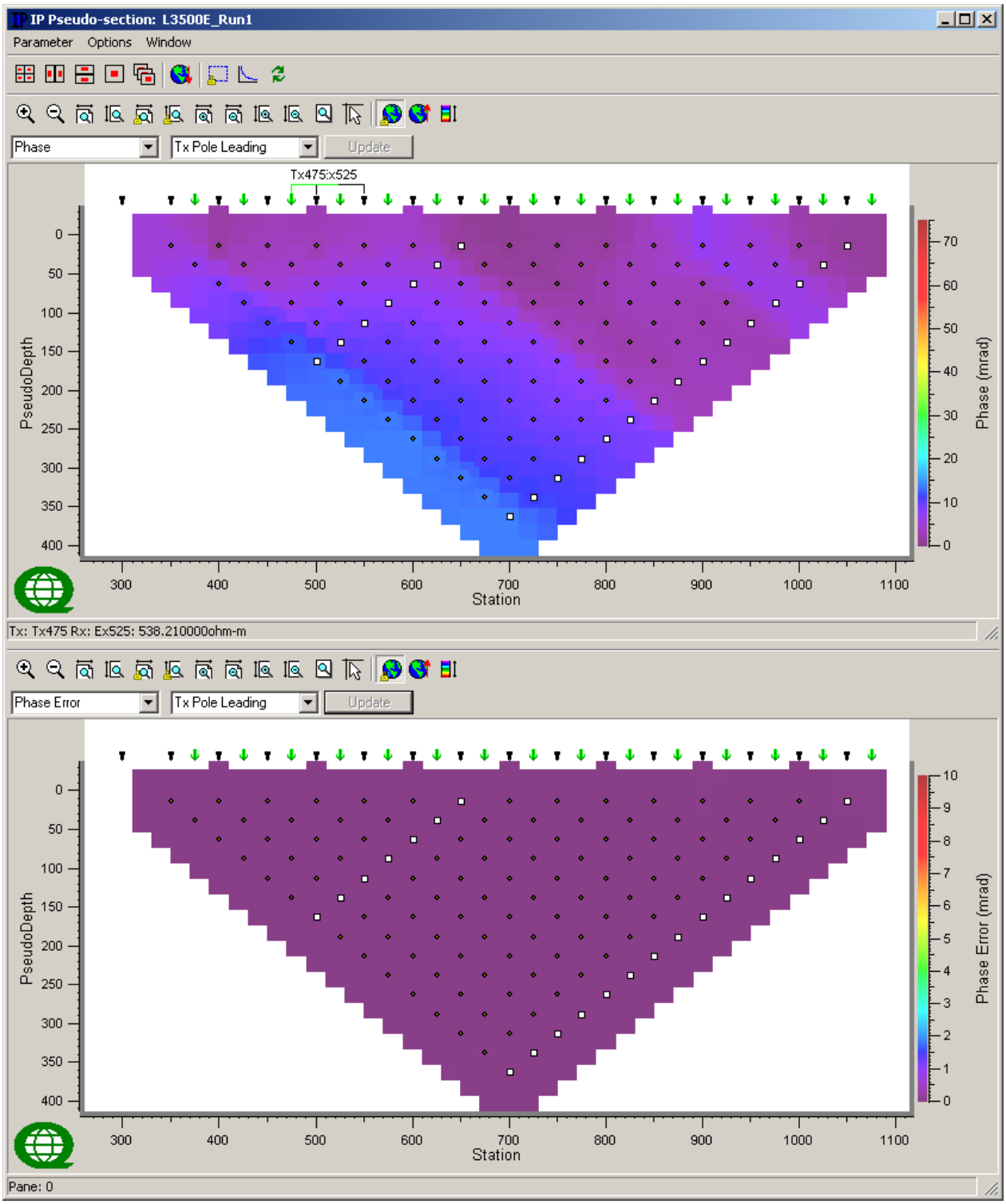
LINE 3500E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 3500E

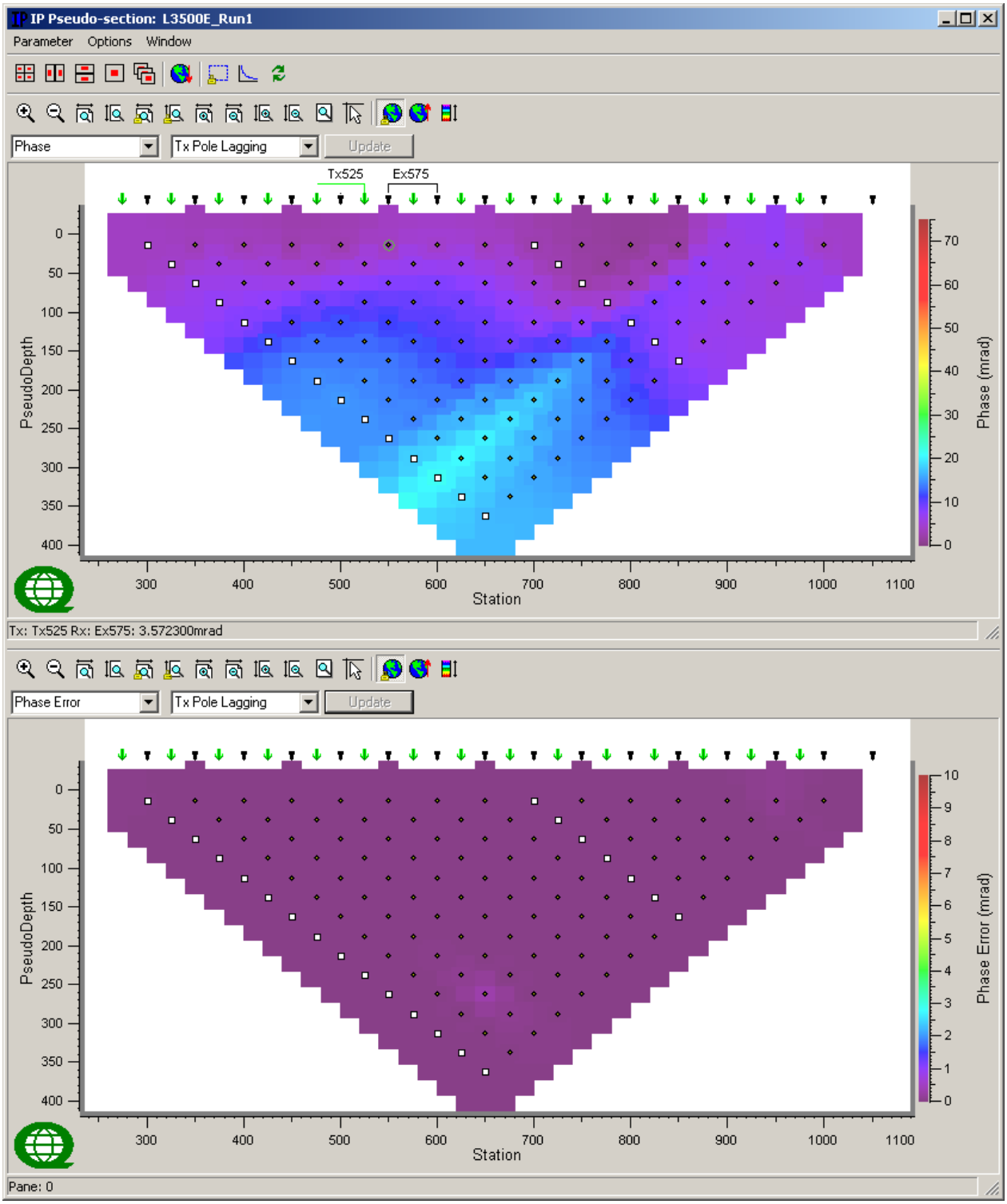
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 3500E

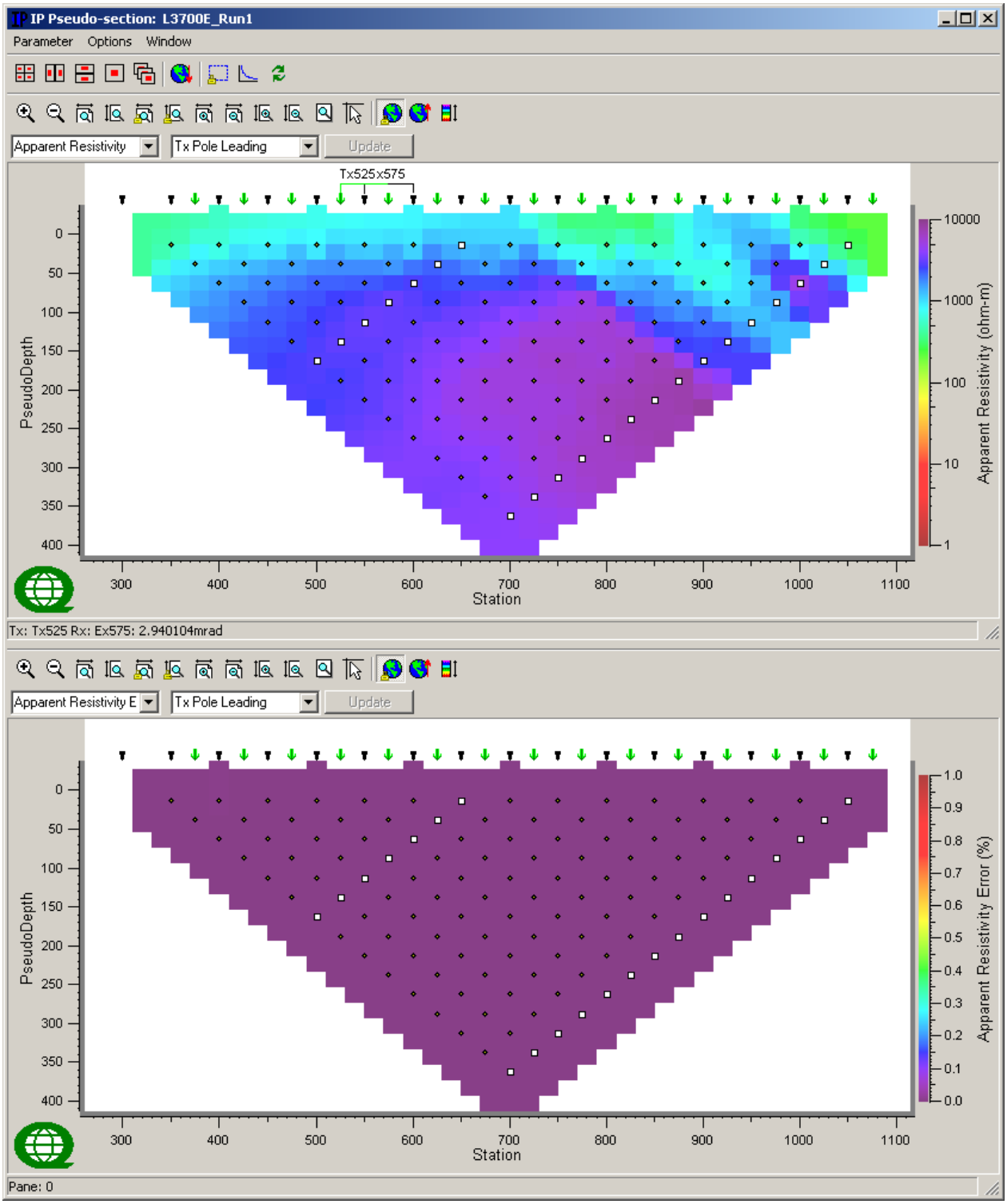
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 3700E

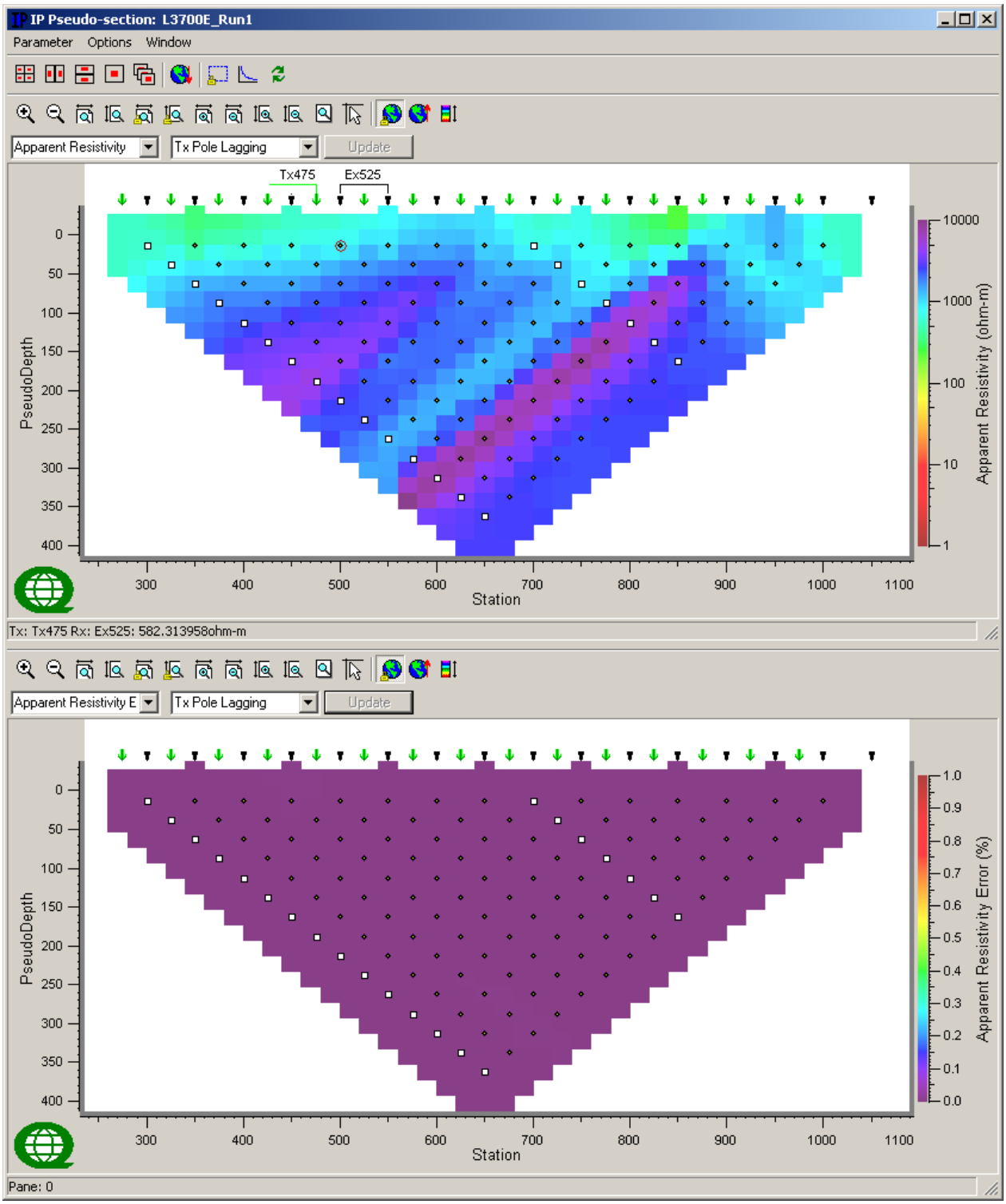
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 3700E

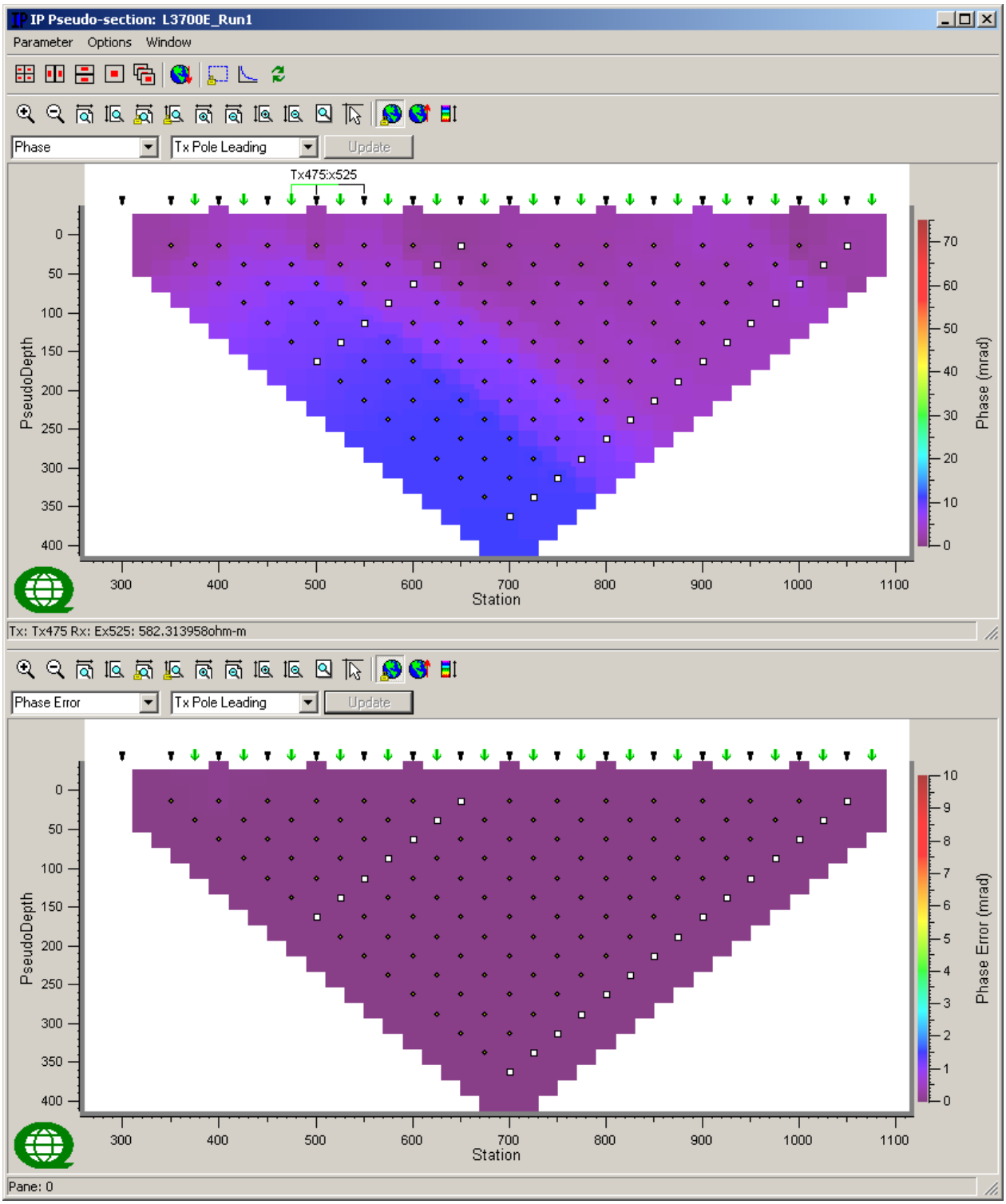
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 3700E

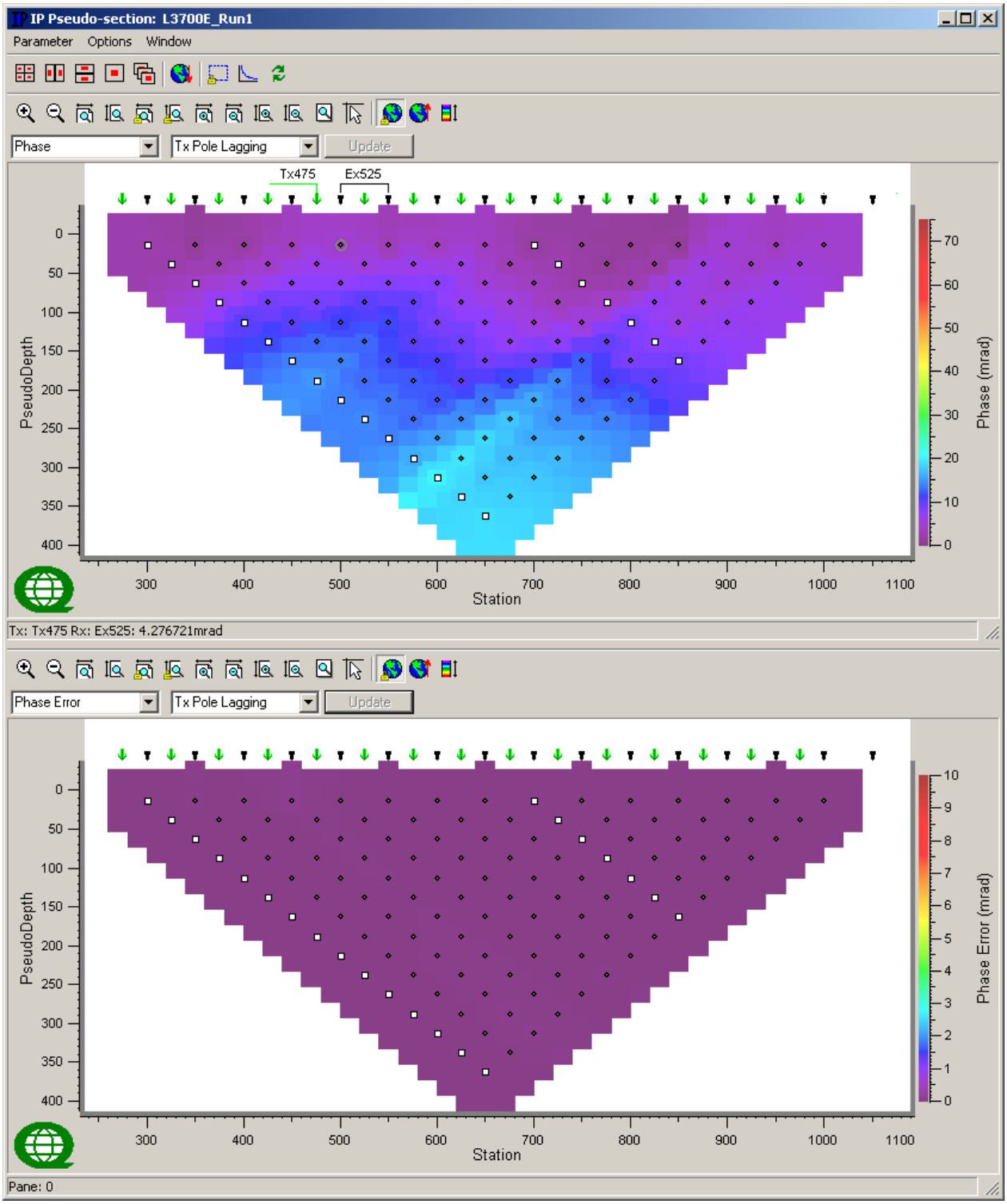
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 3700E

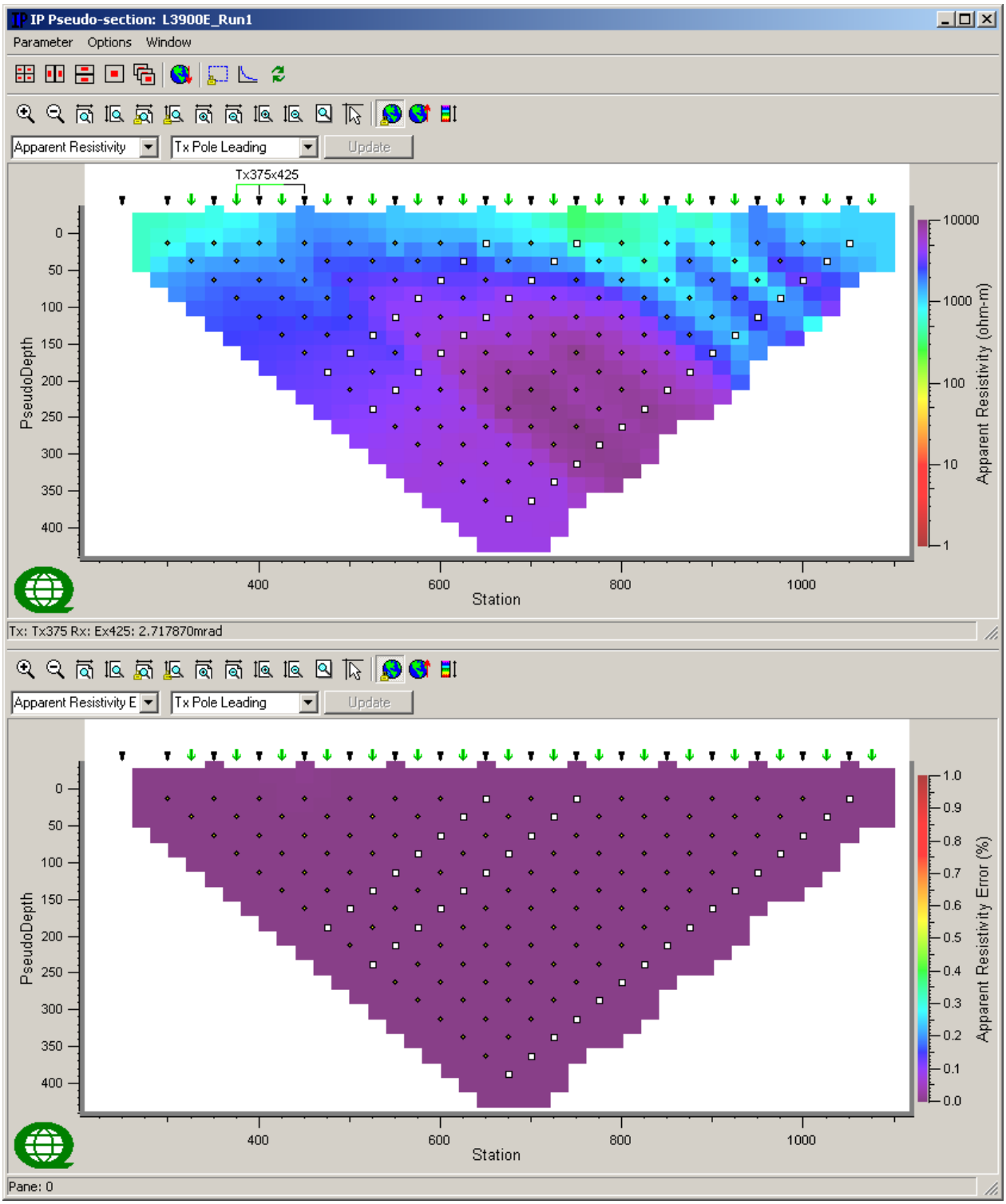
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 3900E

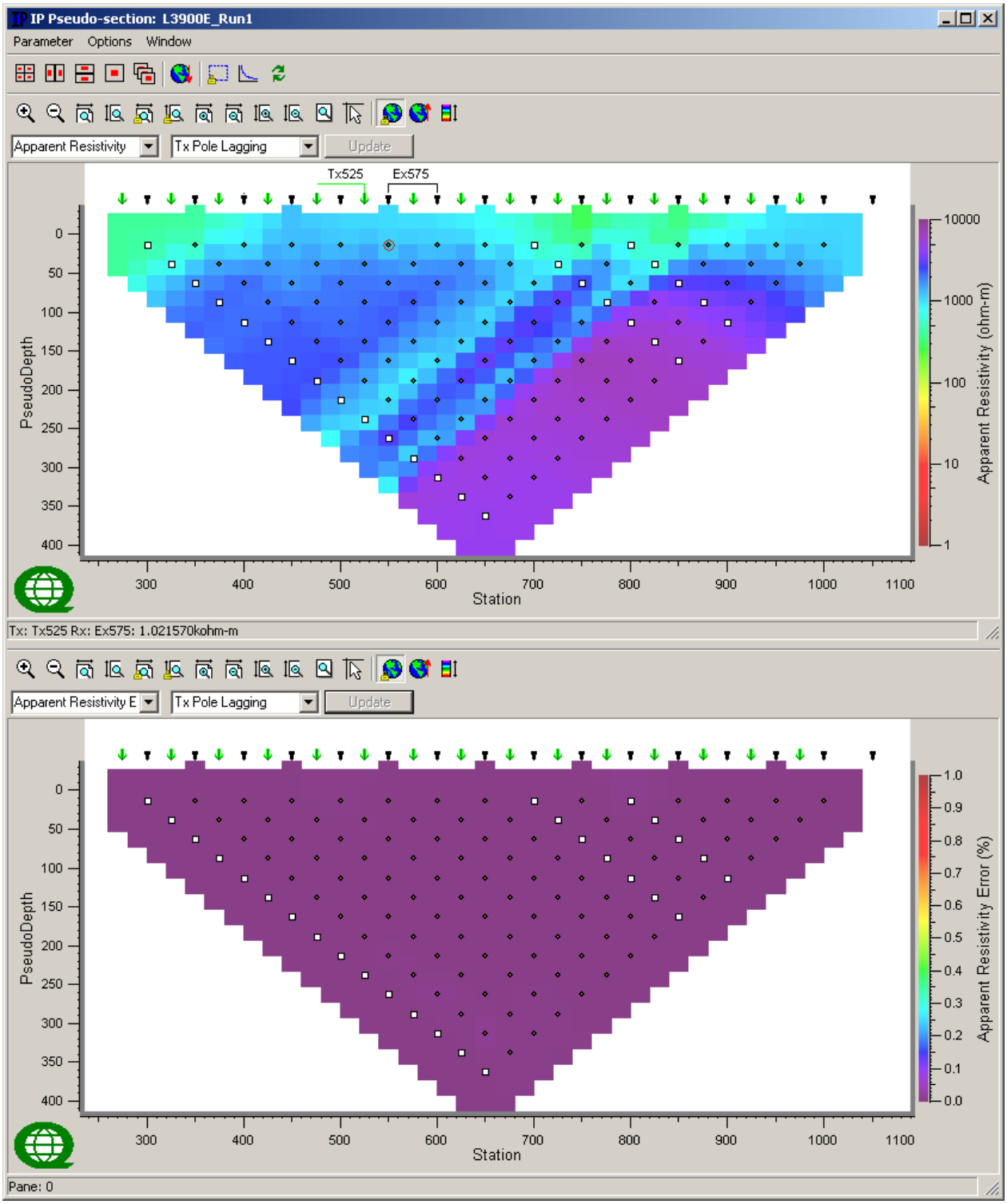
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

LINE 3900E

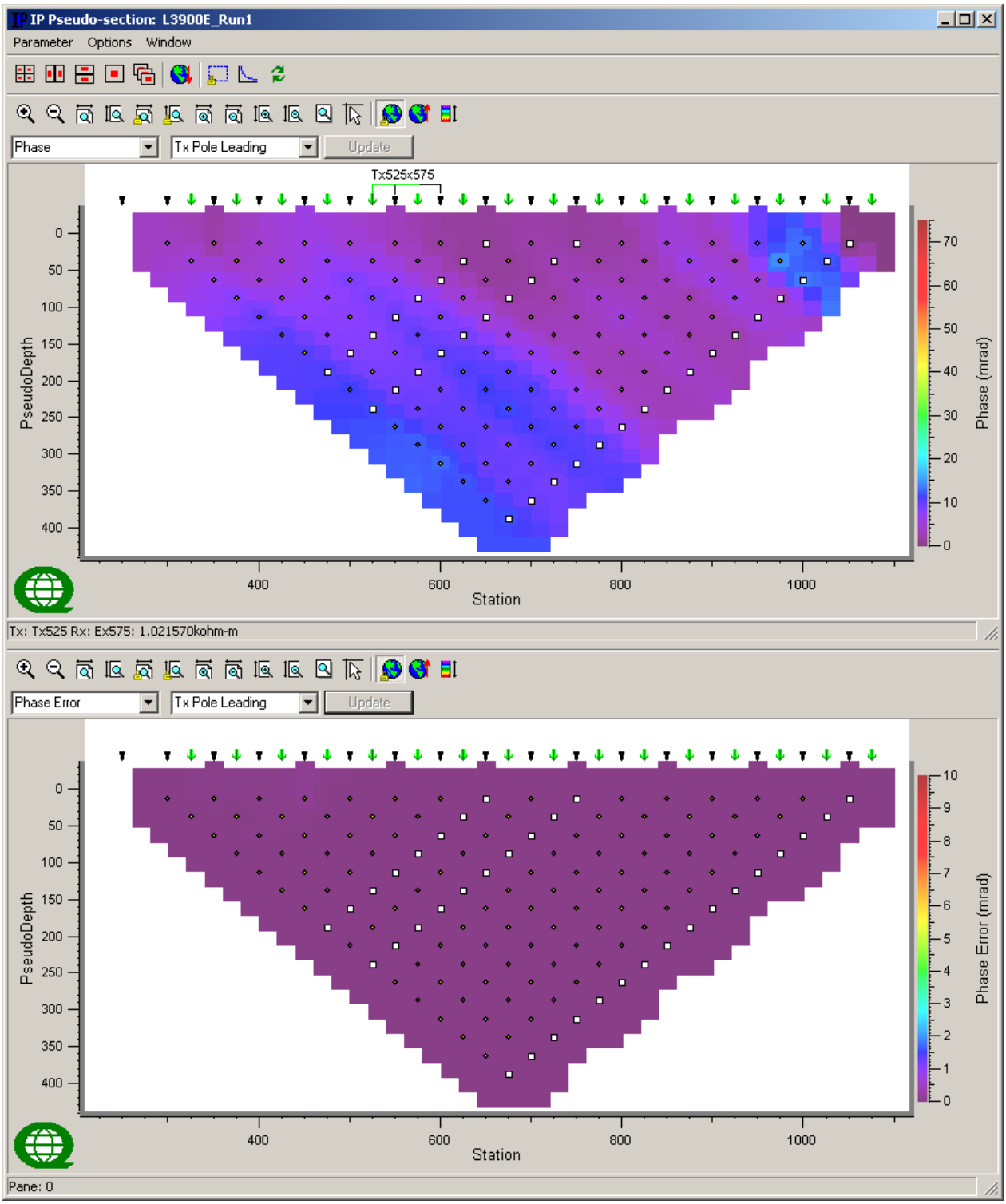
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



□ Tx with more than one event

LINE 3900E

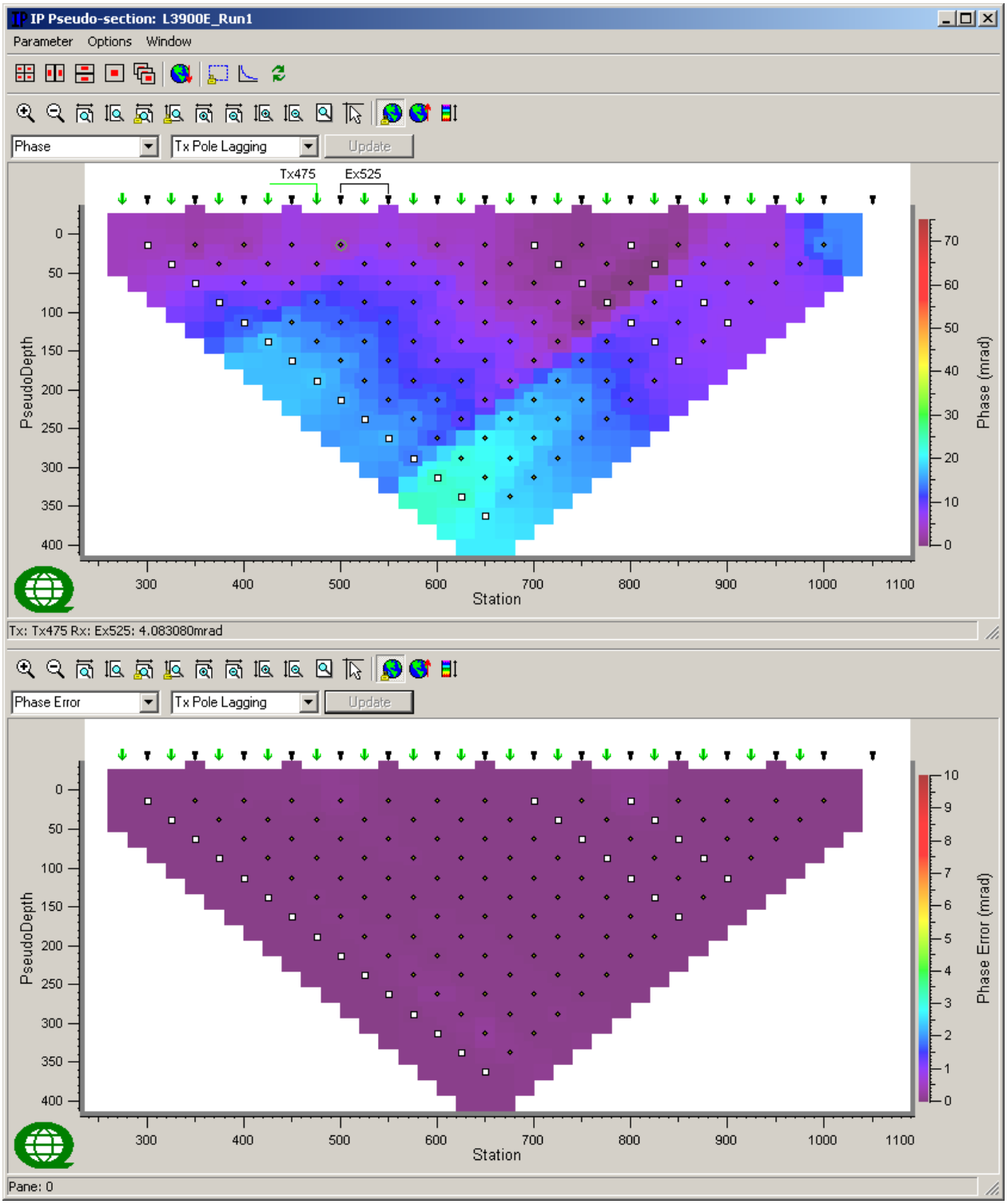
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 3900E

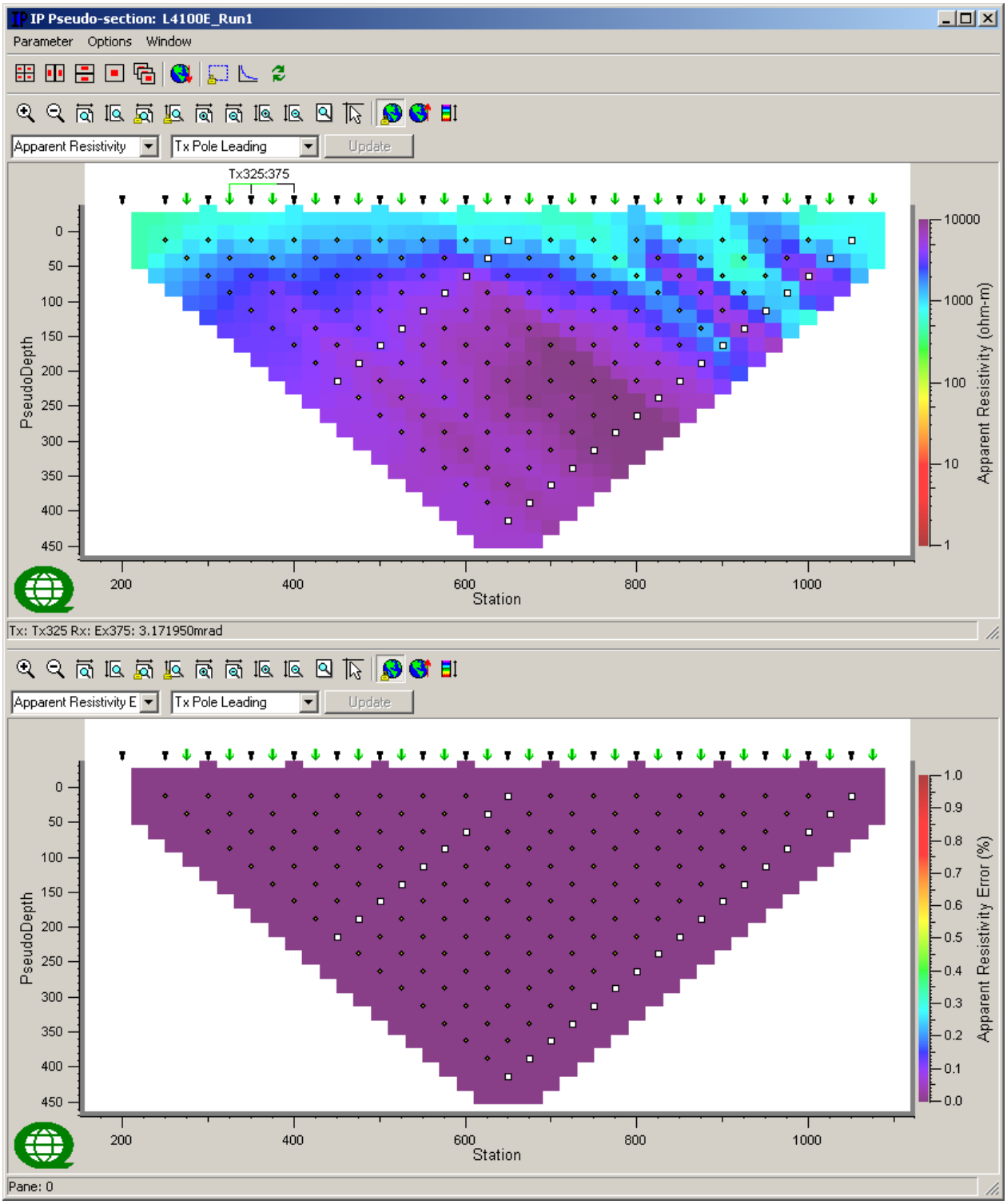
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

LINE 4100E

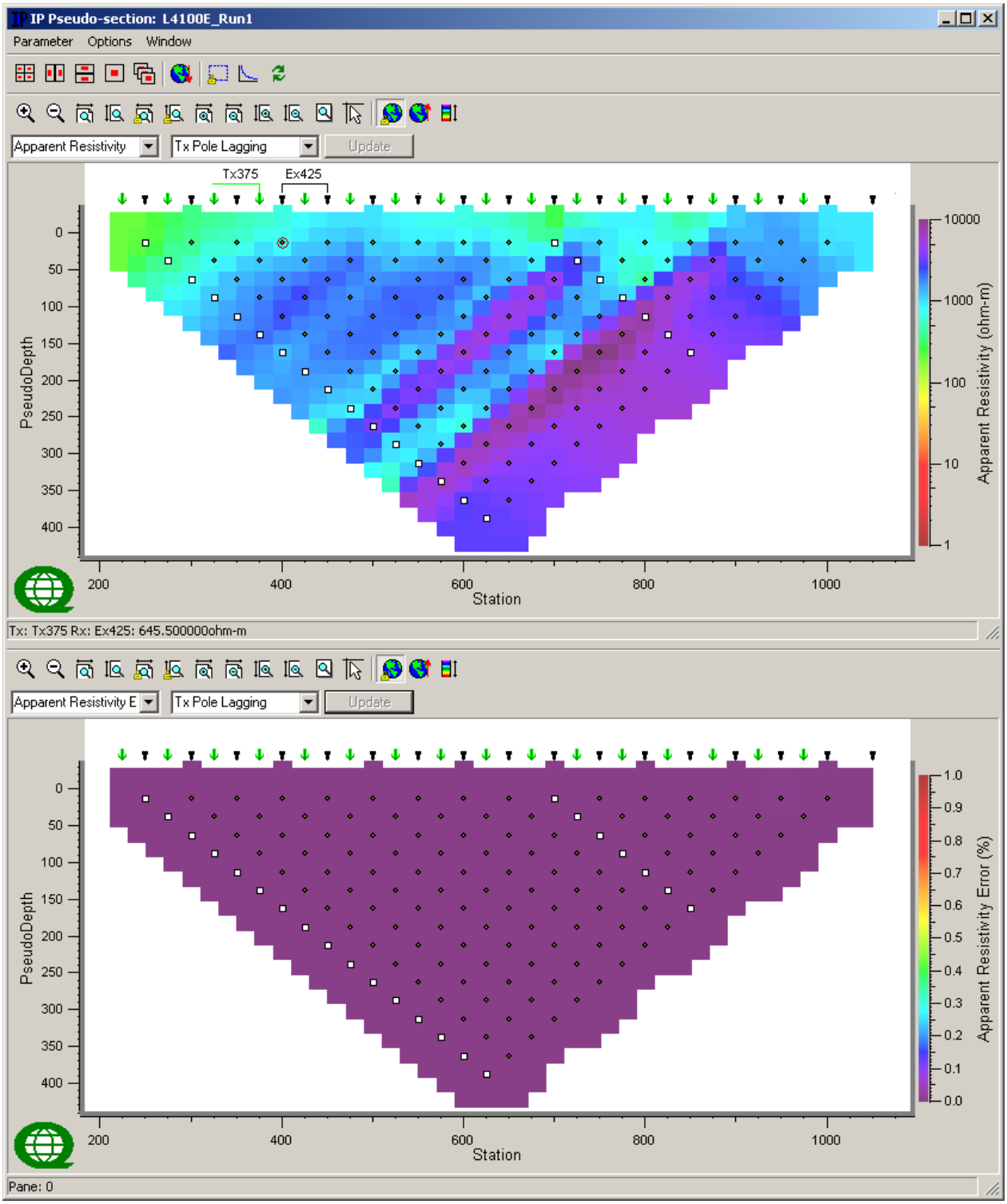
Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



□ Tx with more than one event

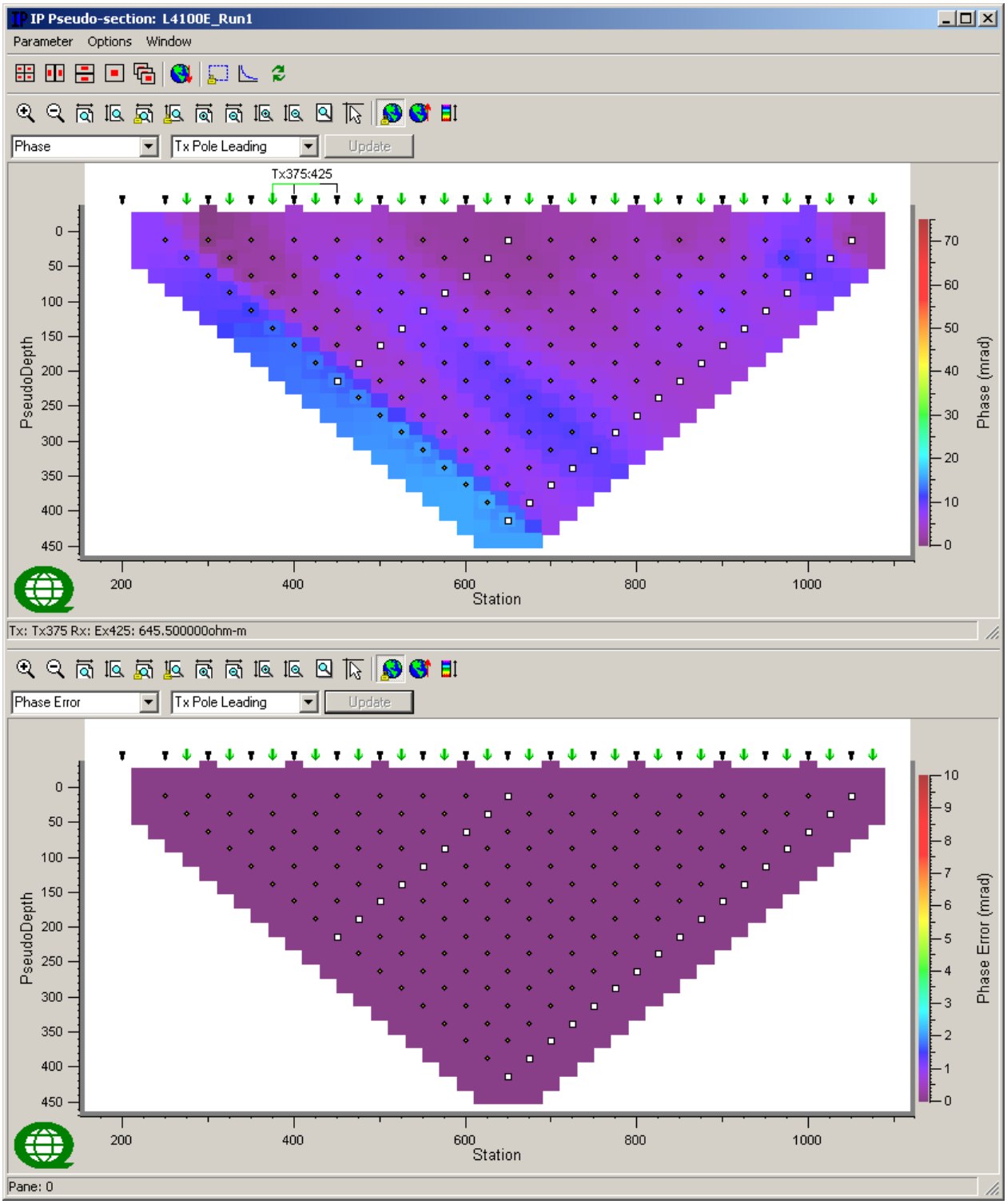
LINE 4100E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



LINE 4100E

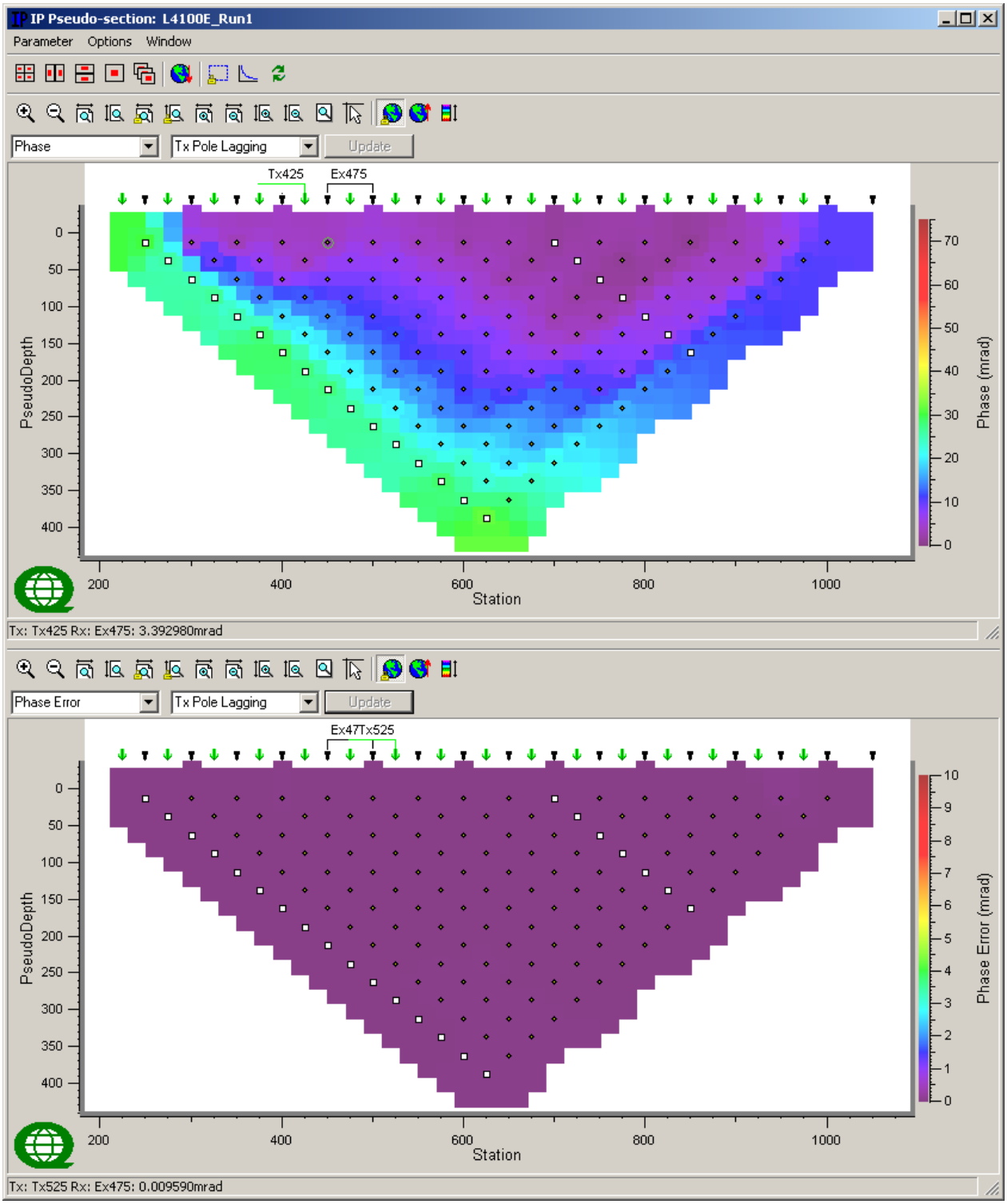
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



□ Tx with more than one event

LINE 4100E

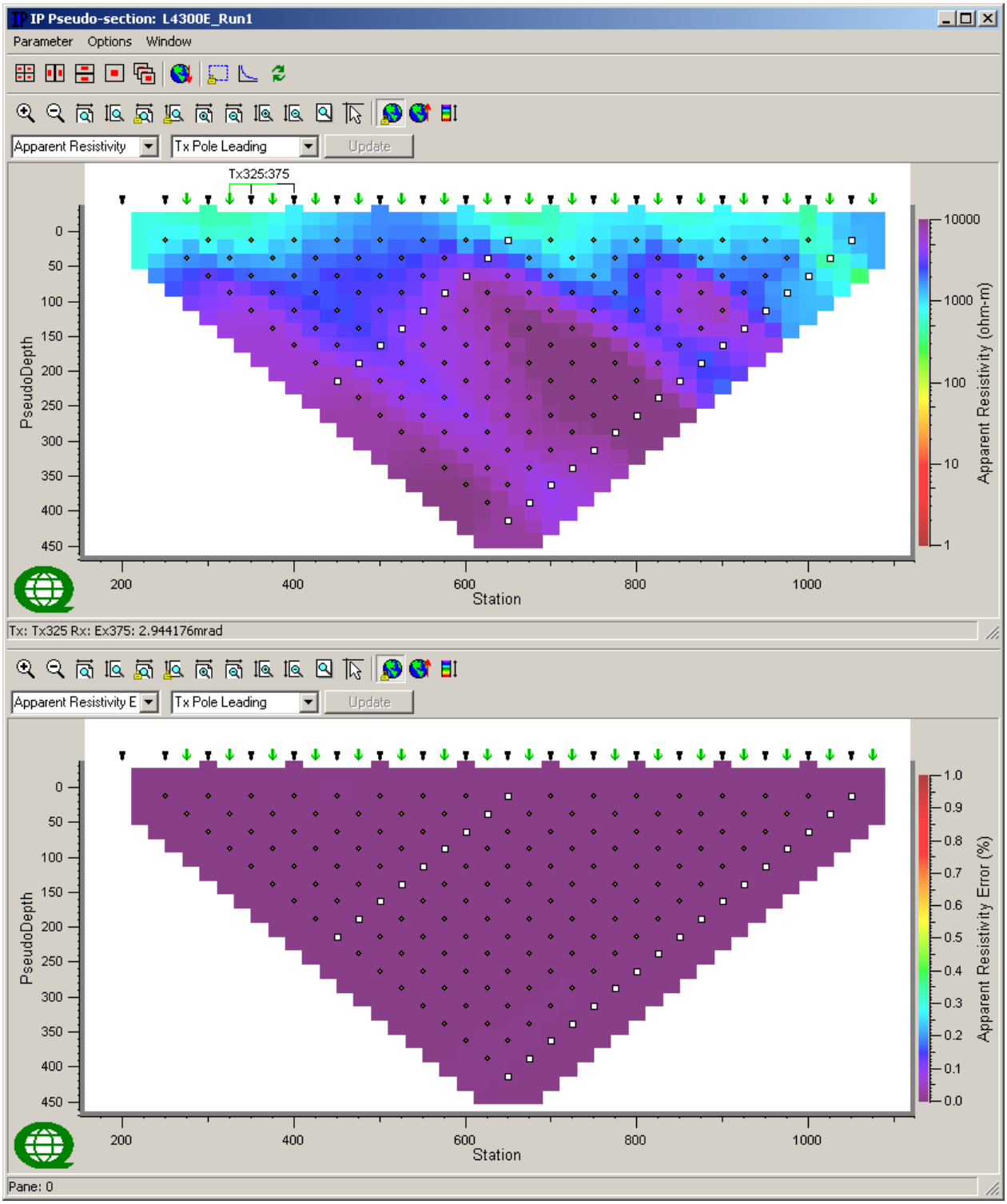
Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

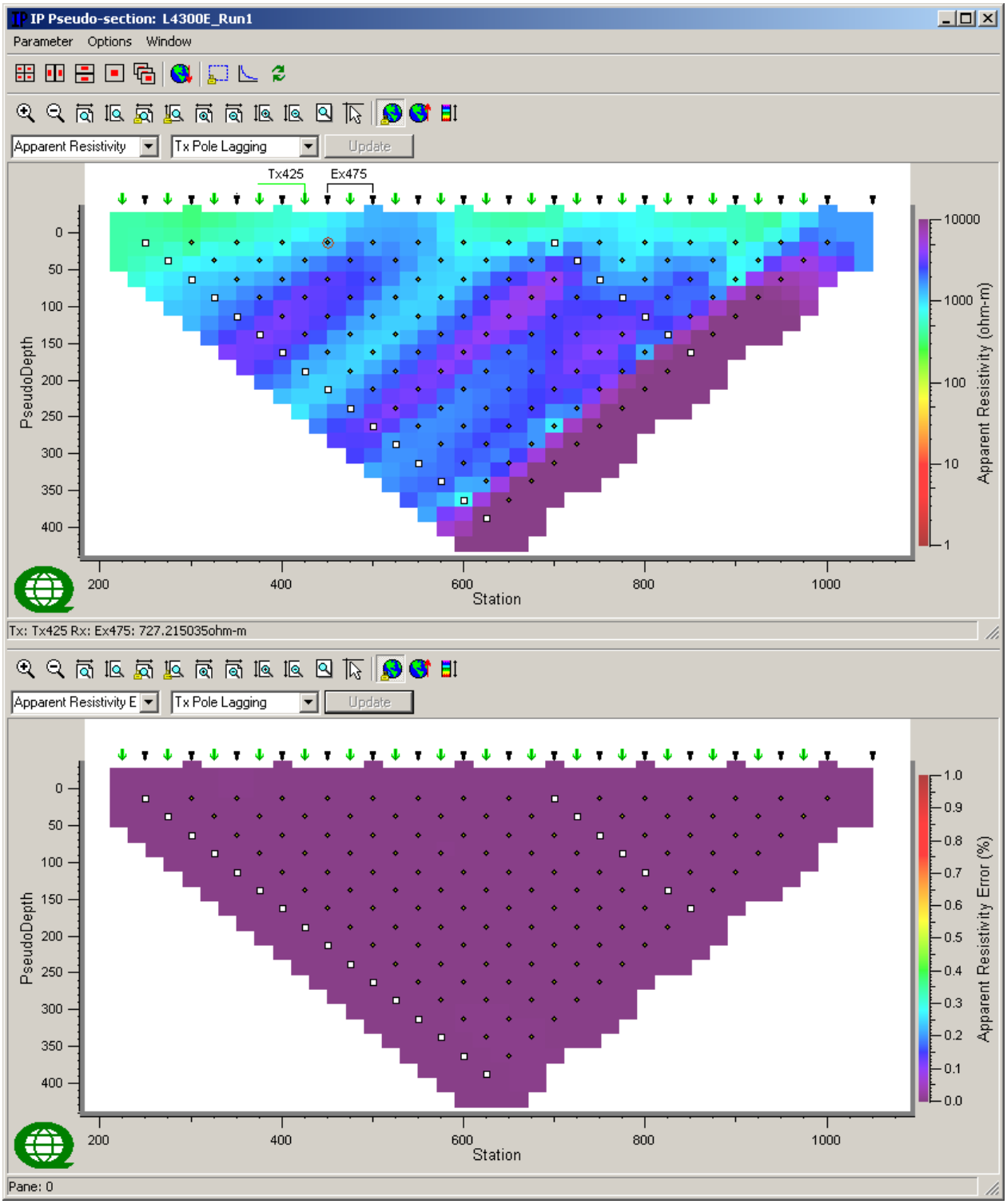
LINE 4300E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Leading



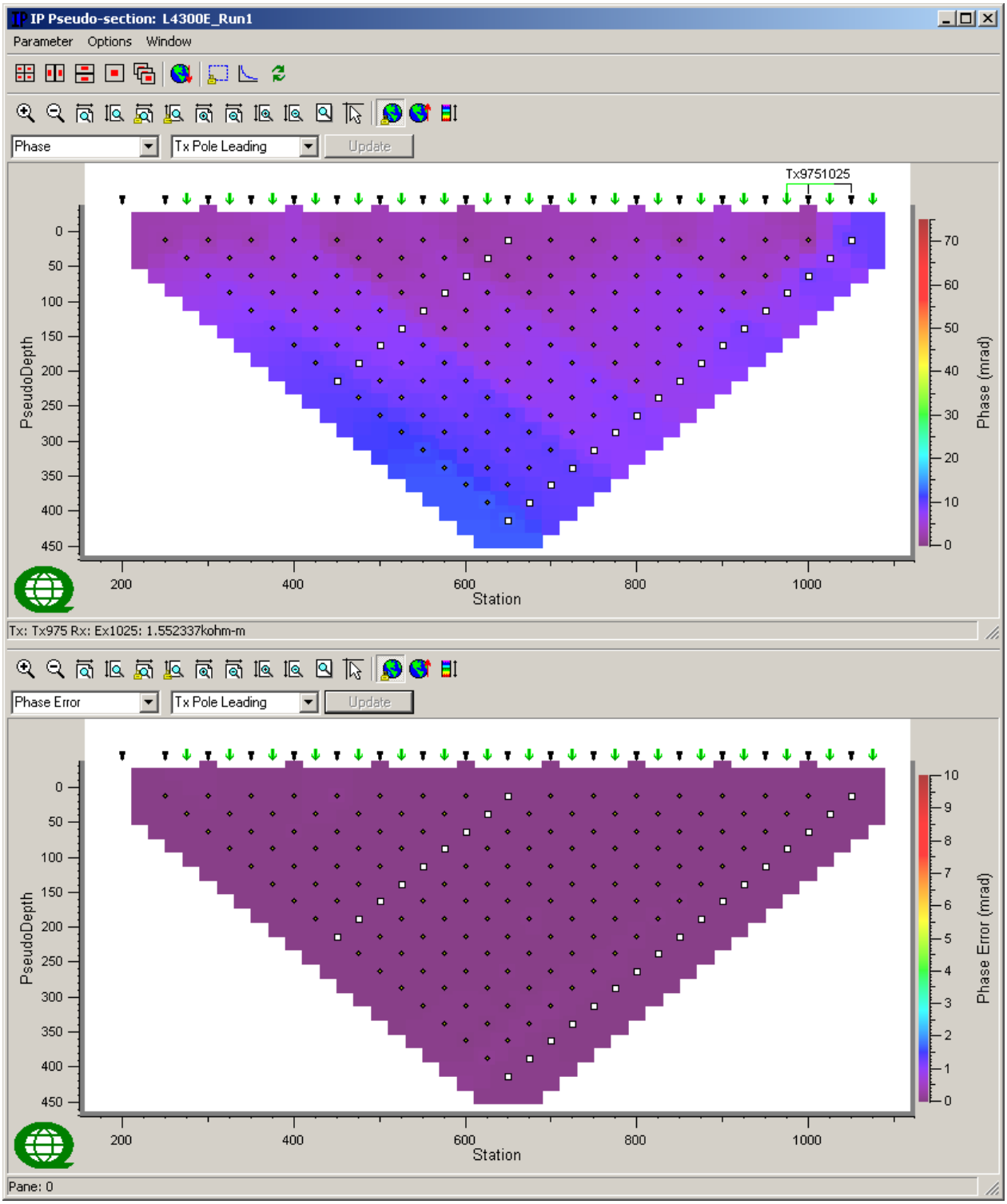
LINE 4300E

Observed Apparent Resistivity Raw Data (Ohm.m) & Voltage Errors (%)-Tx Pole Lagging



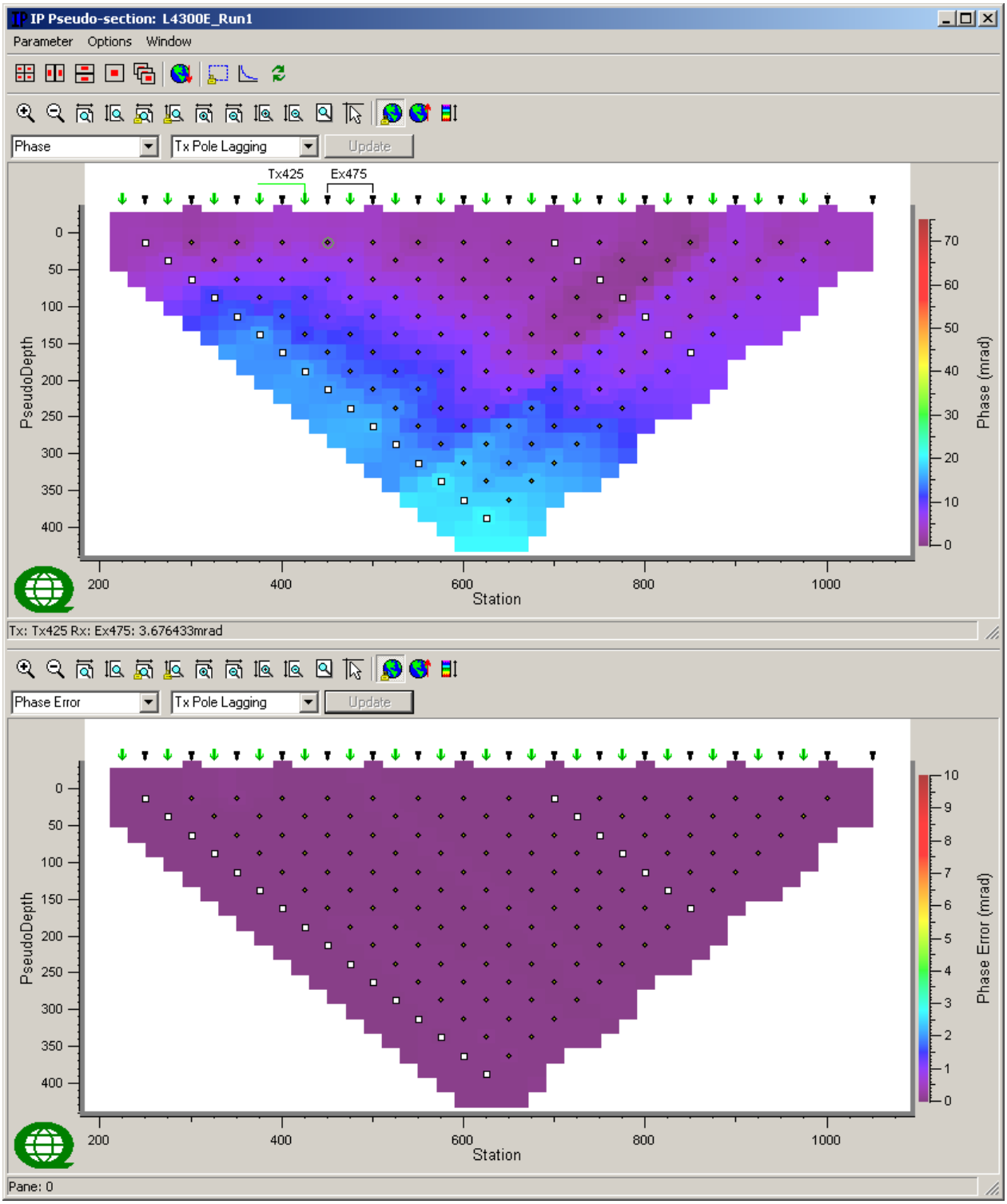
LINE 4300E

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Leading



LINE 4300E

Observed IP Raw Data (mrad) & IP Errors (mrads)-Tx Pole Lagging



□ Tx with more than one event

APPENDIX B - PRODUCTION SUMMARY

DATE	FIELD ACTIVITIES AND OBSERVATIONS	PROCESSOR COMMENTS AND OBSERVATIONS	LINE SPREAD	IP OVERLAP (km)	LINE START	LINE END	TX START	TX END	Read (km) IP	Read (km) IP CURRENT
14-Sep-09	Mob to Hearst, ON									
15-Sep-09	Mob to Thunder Bay, ON									
16-Sep-09	Mob to Pickle Lake, ON									
17-Sep-09	Setup L1000W and infinite		L1000W							
18-Sep-09	Read L1000W		L1000W		250S	1200S	75S	1225S	0.95	1.15
	Read L800W		L800W		250S	1200S	75S	1225S	0.95	1.15
19-Sep-09	Read L600W		L600W		250S	1200S	25S	1225S	0.95	1.20
	Read L400W		L400W		250S	1200S	25S	1225S	0.95	1.20
20-Sep-09	Read L200W		L200W		250S	1200S	25S	1225S	0.95	1.20
	Read L000E		L000E		000S	1000S	125N	1025S	1.00	1.15
21-Sep-09	Read L200E		L200E		000S	1000S	75N	1025S	1.00	1.10
	Read L400E		L400E_south		200N	1000S	375N	1225S	1.20	1.60
22-Sep-09	Read L500E		L500E		1000S	2350S	725S	2375S	1.35	1.65
23-Sep-09	Read L600E		L600E_south		200N	1200S	425N	1225S	1.40	1.65
	Read L800E		L800E_south		200N	1200S	425N	1225S	1.40	1.65
24-Sep-09	Read L1000E		L1000E_south		200N	1000S	425N	1025S	1.20	1.45
25-Sep-09	Read L1100E_south spread		L1100E		400N	1000S	1025N	1025S	1.40	2.05
26-Sep-09	Read L1200E_south spread		L1200E		400N	1000S	1025N	1025S	1.40	2.05
27-Sep-09	Read L1300E_south spread		L1300E		400N	1000S	1025N	1025S	1.40	2.05
28-Sep-09	Start reading L1400E_south spread	Wet snow/rain								
29-Sep-09	Read L1400E_south spread		L1400E		400N	1000S	1025N	1025S	1.40	2.05
30-Sep-09	Read L1500E_middle spread		L1500E		400N	1000S	1025N	1025S	1.40	2.05
1-Oct-09	Read L1500E_south spread		L1500E	0.30	700S	2100S	25S	2125S	1.10	2.10
2-Oct-09	Read L1600E		L1600E		1250N	1000S	1225N	1025S	2.25	2.25
3-Oct-09	Read L1700E		L1700E		1200N	1000S	1175N	1025S	2.20	2.20
4-Oct-09	Read L1800E		L1800E		1150N	1000S	1175N	1025S	2.15	2.20
5-Oct-09	Read L1900E		L1900E		1200N	600S	1175N	625S	1.80	1.80
6-Oct-09	Read L2000E		L2000E		1200N	500S	1225N	525S	1.70	1.75
7-Oct-09	Read L2100E		L2100E		1350N	500S	1375N	525S	1.85	1.90
8-Oct-09	Read L2200E		L2200E		1350N	500S	1375N	525S	1.85	1.90
9-Oct-09	Read L2300E		L2300E		1350N	600S	1375N	625S	1.95	2.00
10-Oct-09	Read L2400E		L2400E		1250N	650S	1275N	675S	1.90	1.95
11-Oct-09	Read L2500E		L2500E		1250N	700S	1275N	725S	1.95	2.00
12-Oct-09	Read L2600E		L2600E		1150N	800S	1175N	825S	1.95	2.00
13-Oct-09	Read L2700E		L2700E		1050N	850S	1075N	875S	1.90	1.95
14-Oct-09	Read L2800E		L2800E		1050N	900S	1075N	925S	1.95	2.00
15-Oct-09	Read L2900E		L2900E		1050N	950S	1075N	975S	2.00	2.05
16-Oct-09	Read L3000E		L3000E		1050N	1000S	1075N	1025S	2.05	2.10
17-Oct-09	Read L3100E, L3300E, L3500E		L3100E		1050N	500N	1075N	475N	0.55	0.60
			L3300E		1200N	400N	1225N	375N	0.80	0.85
			L3500E		1050N	300N	1075N	275N	0.75	0.80
18-Oct-09	Read L3700E, L3900E, L4100E, L4300E		L3700E		1050N	300N	1075N	275N	0.75	0.80
			L3900E		1050N	250N	1075N	275N	0.80	0.80
			L4100E		1050N	200N	1075N	225N	0.85	0.85
			L4300E		1050N	200N	1075N	225N	0.85	0.85
19-Oct-09	Read L1500E_north spread		L1500E	0.30	1400N	100N	1425N	225S	1.00	1.20
20-Oct-09	Read L1400E_north spread		L1400E	0.30	1400N	100N	1425N	275S	1.00	1.70
	Read L1300E_north spread		L1300E	0.30	1500N	100N	1475N	225S	1.10	1.70
21-Oct-09	Read L1200E_north spread		L1200E	0.30	1500N	100N	1475N	225S	1.10	1.70
	Read L1100E_north spread		L1100E	0.30	1500N	100N	1525N	225S	1.10	1.75
22-Oct-09	Read L1000E_north spread		L1000E_north		1500N	900N	1475N	925N	0.60	0.55
	Read L900E		L900E		1450N	900N	1475N	925N	0.55	0.55
	Read L800E_north spread		L800E_north		1450N	950N	1475N	925N	0.50	0.55
	Read L700E		L700E		1450N	900N	1475N	925N	0.55	0.55
23-Oct-09	Read L600E_north spread		L600E_north		1500N	850N	1475N	875N	0.65	0.60
	Read L500E_north spread		L500E_north		1450N	850N	1475N	875N	0.60	0.60
	Read L400E_north spread		L400E_north		1450N	850N	1475N	875N	0.60	0.60
	Read L300E		L300E		1500N	950N	1525N	975N	0.55	0.55
	Read L100E		L100E		1600N	1050N	1625N	1075N	0.55	0.55
24-Oct-09	Read L100W		L100W		1750N	1050N	1775N	1075N	0.70	0.70
	Read L300W		L300W		2150N	1050N	2175N	1075N	1.10	1.10
25-Oct-09	Read L500W		L500W		2250N	1050N	2275N	1075N	1.20	1.20
26-Oct-09	Pick up, sort equipment and pack traliers									
27-Oct-09	Demob to Thunder Bay									
28-Oct-09	Demob to Timmins									
	TOTAL SURVEY COVERAGE (KM)			1.80					69.65	80.25

APPENDIX A: STATEMENT OF QUALIFICATIONS

KEVIN KILLIN

I, Kevin J. Killin, declare that:

- I am a consultant with residence in Whitby, Ontario and am presently employed in this capacity with Quantec Geoscience Ltd., Toronto, Ontario.
- I obtained an Honours Bachelor of Science Degree (HBSc), in Geological Geophysics from the University of Western Ontario in London Ontario, in 1986, including a Geology degree and Geophysics degree.
- I have worked continuously since December, 1986, in North-America, Europe, South-America, The Middle East and Asia in the exploration industry.
- I am a member of the Prospectors and Developers Association of Canada.
- I am a member of the Canadian Exploration Geophysics Society (KEGS).
- I have no interest, nor do I expect to receive any interest in the properties or securities of PC Gold Inc., its subsidiaries or its joint-venture partners.
- I have been the Project Manager responsible for this project.
- I oversaw the preparation of this logistics report and I can attest that these accurately and faithfully reflect the data acquired on site.
- The statements made in this report represent my opinion in consideration of the information available to me at the time of writing this report.

[signed]
Kevin Killin, HBSc
Project Manager
Interpretation Group
Quantec Geoscience Ltd.

EVELIO MARTINEZ

I, Evelio Martinez, declare that:

- I am a Geophysicist with residence in Hamilton, Ontario and am presently employed in this capacity with Quantec Geoscience Ltd., Toronto, Ontario.
- I obtained an Engineer's Degree (B.Sc.) in Geophysical Exploration at Gornii Institute in Leningrade, Russia and at ISPJAE University in La Habana, CUBA in 1993.
- I obtained a Master's Degree in Applied Geophysics (M.Sc.) at International Institute for Geo-Information Science and Earth Observation (ITC) in Delft, The Netherlands, in 2000.
- I am a registered geoscientist, since 2004, with license to practice in the Province of Ontario, (APGO License # 1058).
- I am a member of the American Geophysical Union (AGU).
- I am a member of Canadian Exploration Geophysicists Society (KEGS).
- I have practiced my profession continuously since September 1993 in Cuba, The Netherlands, Portugal, Canada, Botswana, DRC, Russia and Peru.
- I have no interest, nor do I expect to receive any interest in the properties or securities of PC Gold Inc., its subsidiaries or its joint-venture partners.
- I am the qualified Professional Geophysicist and the in-field Senior Interpretation Geophysicist responsible for this project. I am responsible for the data acquisition, data quality and compilation of the final processed results.
- I oversaw the preparation and reviewed this Geophysical Survey Logistics Report and I can attest that the information accurately and faithfully reflect the data acquired on site. The statements made in this report represent my professional opinion based on my consideration of the information available to me at the time of writing this report.

[signed and sealed]
Evelio Martinez del Pino, M.Sc., P. Geo (ON)
Senior Geophysicist.
Interpretation Group
Quantec Geoscience Ltd.

Toronto, Ontario
December, 2009

SARAH DE JONGE

I, Sarah de Jonge, declare that:

- I am a geophysicist with residence in Ottawa, Ontario and am presently employed in this capacity with Quantec Geoscience Ltd., Toronto, Ontario.
- I obtained a Bachelor of Science Degree, in Geological Engineering, Applied Geophysics Option (B.Sc.) at Queen's University, Kingston, ON, in 2008.
- I have practiced my profession since May, 2006, in Canada, and Mongolia.
- I have no interest, nor do I expect to receive any interest in the properties or securities of PC GOLD INC., its subsidiaries or its joint-venture partners.
- I was a site processor in-training. The statements made in this report represent my professional opinion based on my consideration of the information available to me at the time of writing this report.

Sarah de Jonge
On-site Processor
Quantec Geoscience Ltd.

Toronto, Ontario
December, 2009