

6202413

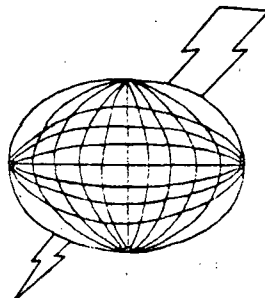
MAGNETOTELLURIC
DATA

McCOY PROSPECT
CHURCHILL COUNTY
NEVADA

for

AMAX EXPLORATION, INC.

MARCH 1980

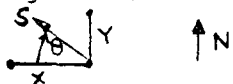


TERRAPHYSICS
815 SOUTH TENTH STREET
RICHMOND, CALIFORNIA 94804
(415) 234-8961

SELECTION CRITERIA FOR MAGNETOTELLURIC DATA

Only those points are plotted for which the skewness ≤ 0.5 ** and the phase falls between 0 to -90 degrees.

Angles (strike) are measure positive clockwise from the X axis.



** Skewness values were allowed up to 1.0 for station B2.

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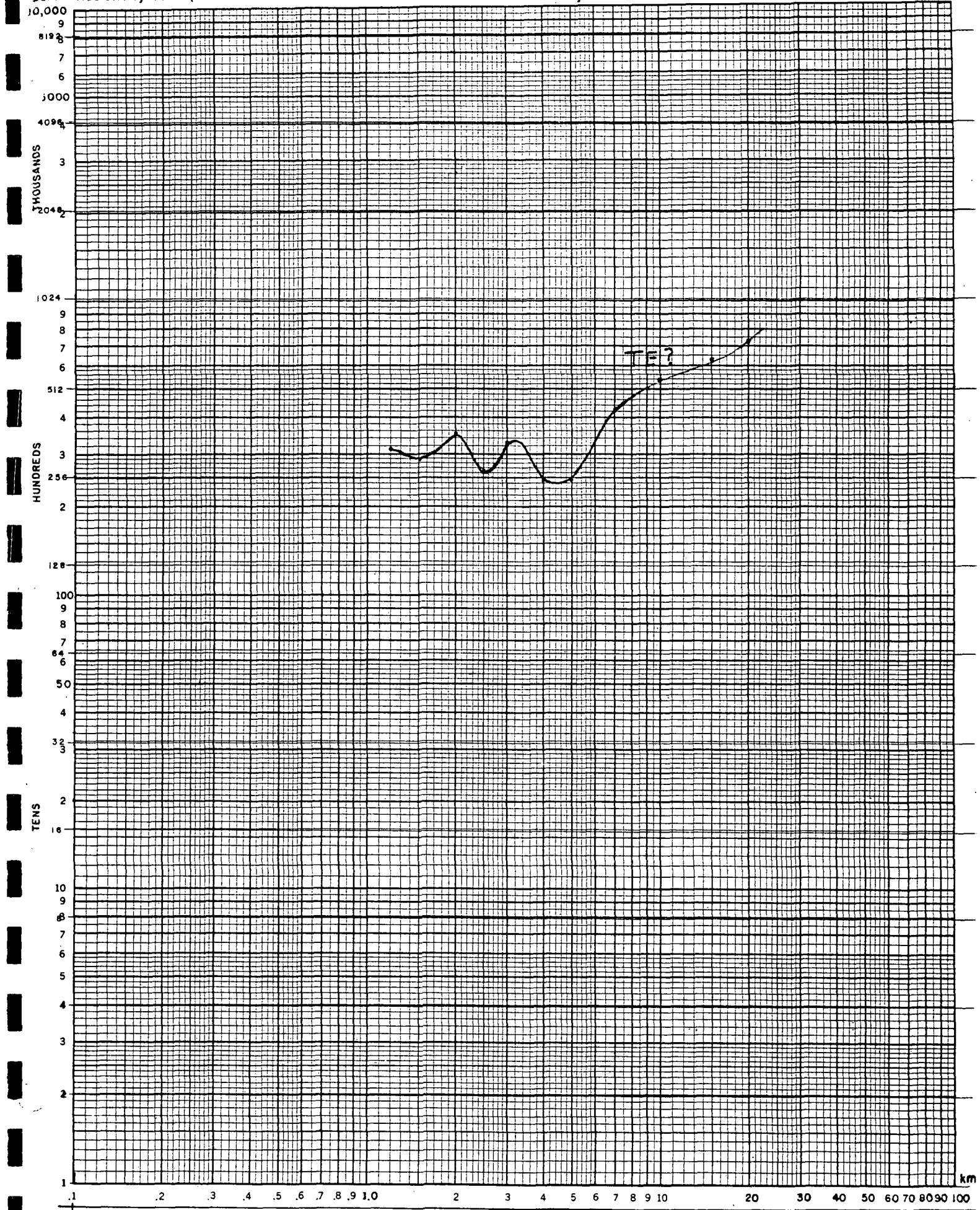
Ωm Resistivity vs Depth



Proj. Mc COY, NV

Station AI

Ωm Resistivity vs Depth

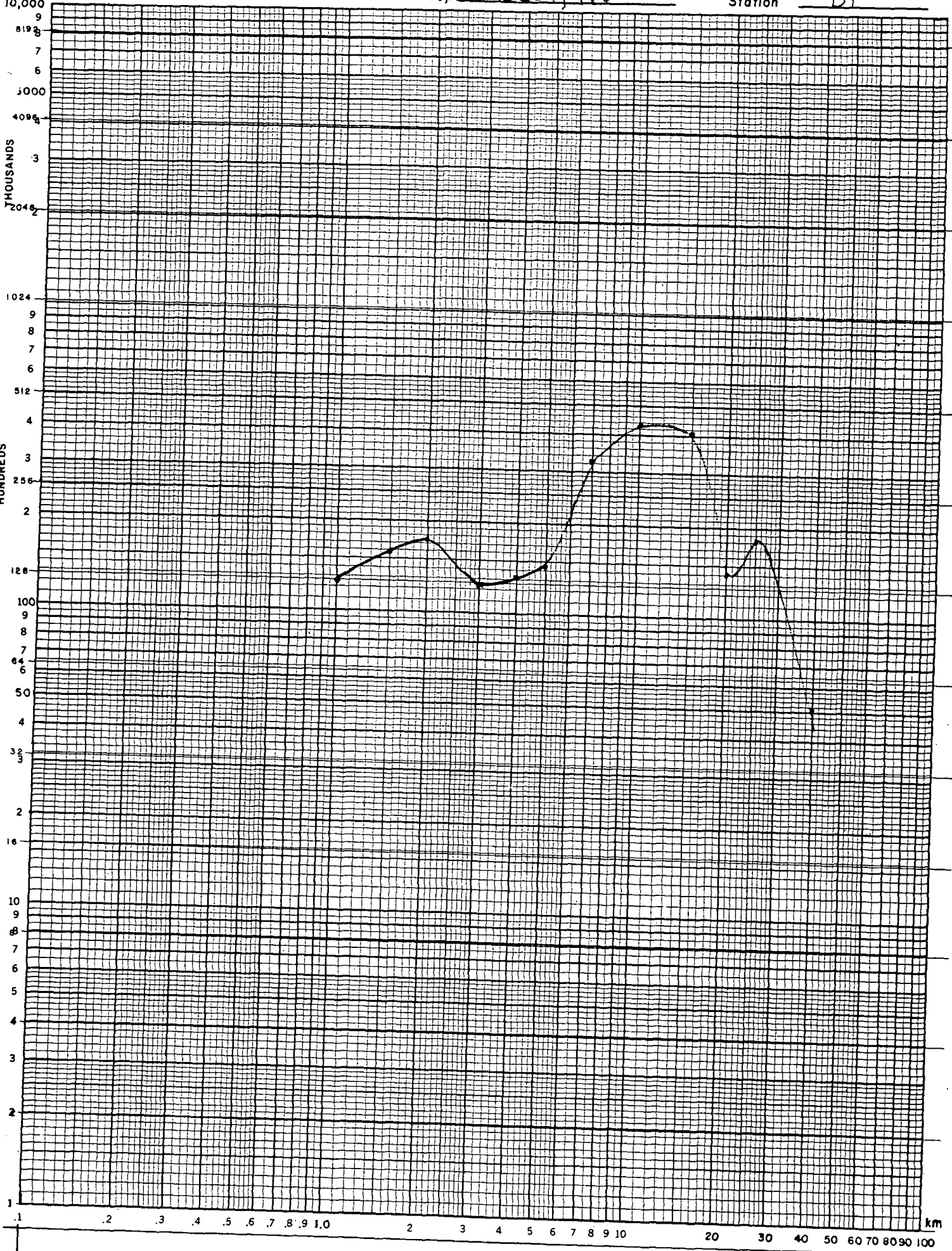


Resistivity vs Depth

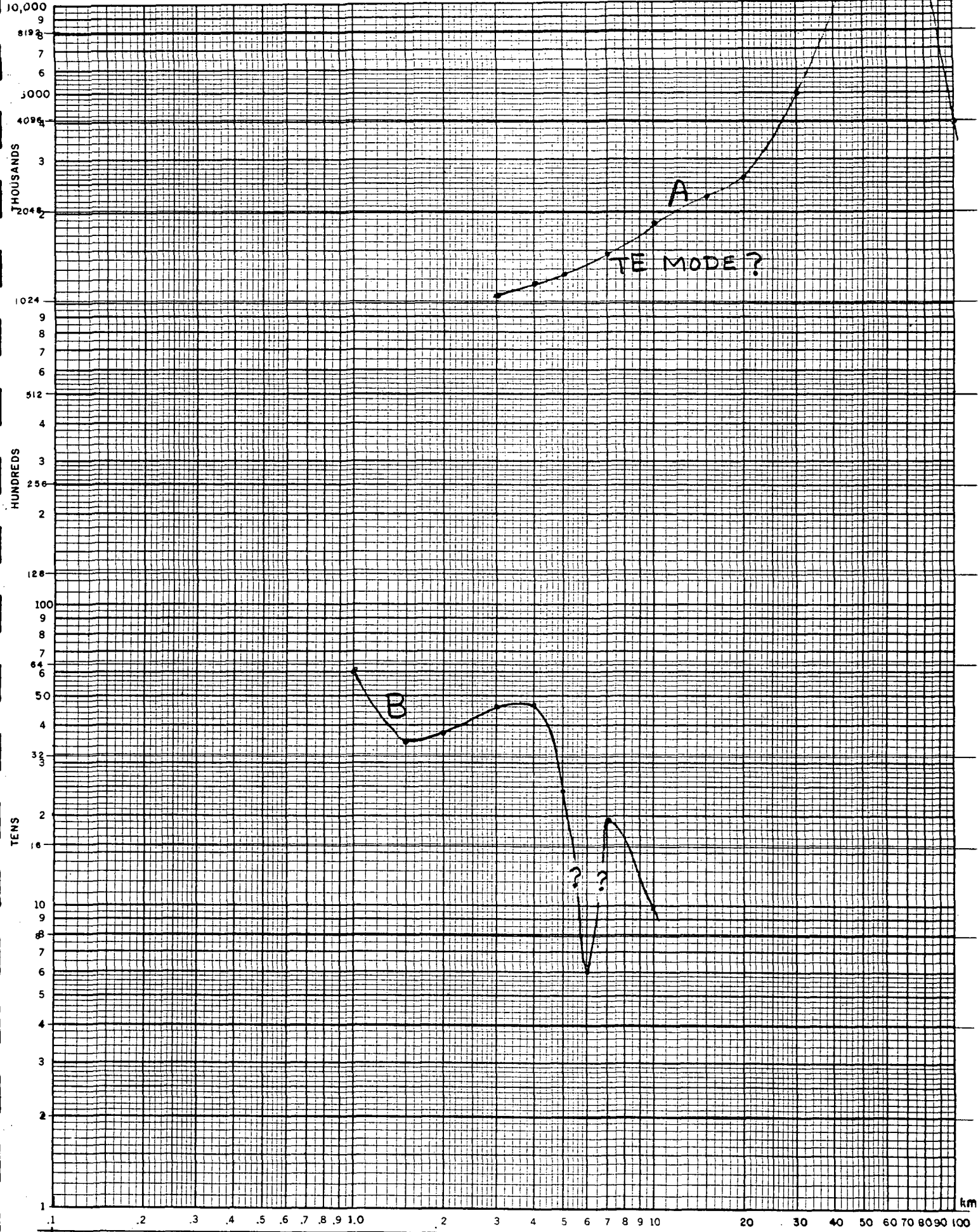
Proj. McCoy, NV

Station B1

51



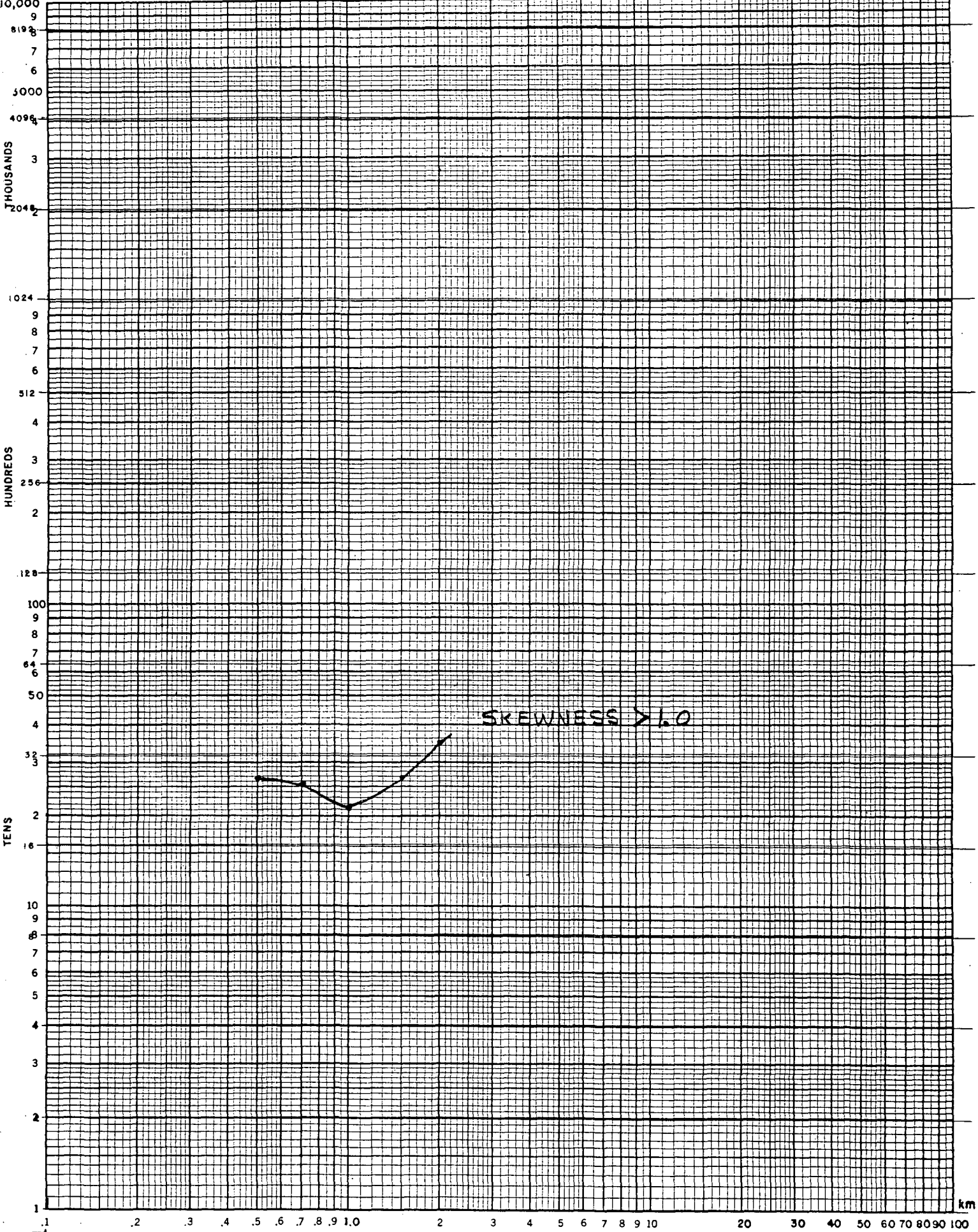
Ωm Resistivity vs Depth



Proj. Mc COY, NV

Station M3

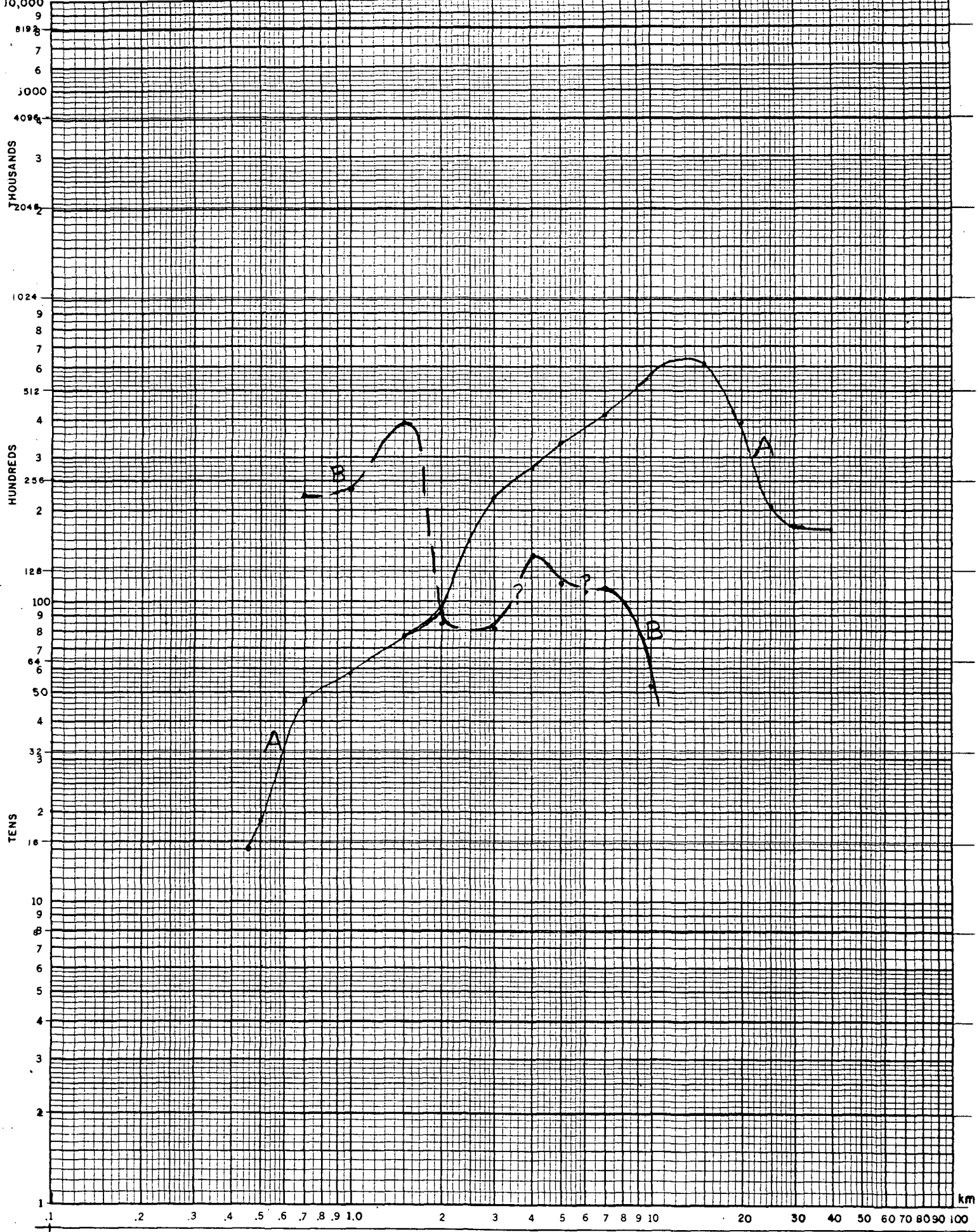
Ωm Resistivity vs Depth



Proj. McCOY, NV

Station M5

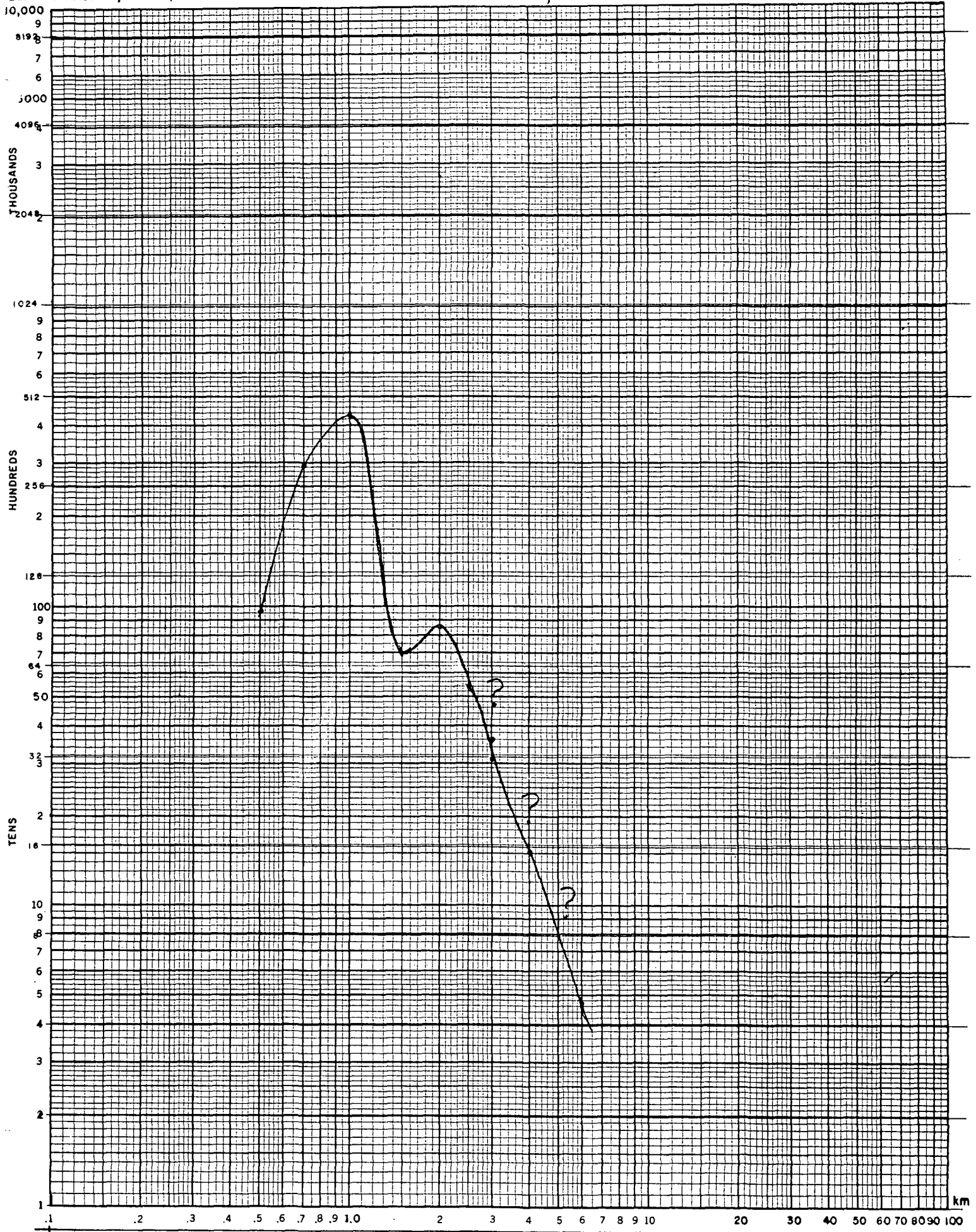
Ωm Resistivity vs Depth



Proj. McCoy, NV

Station A5

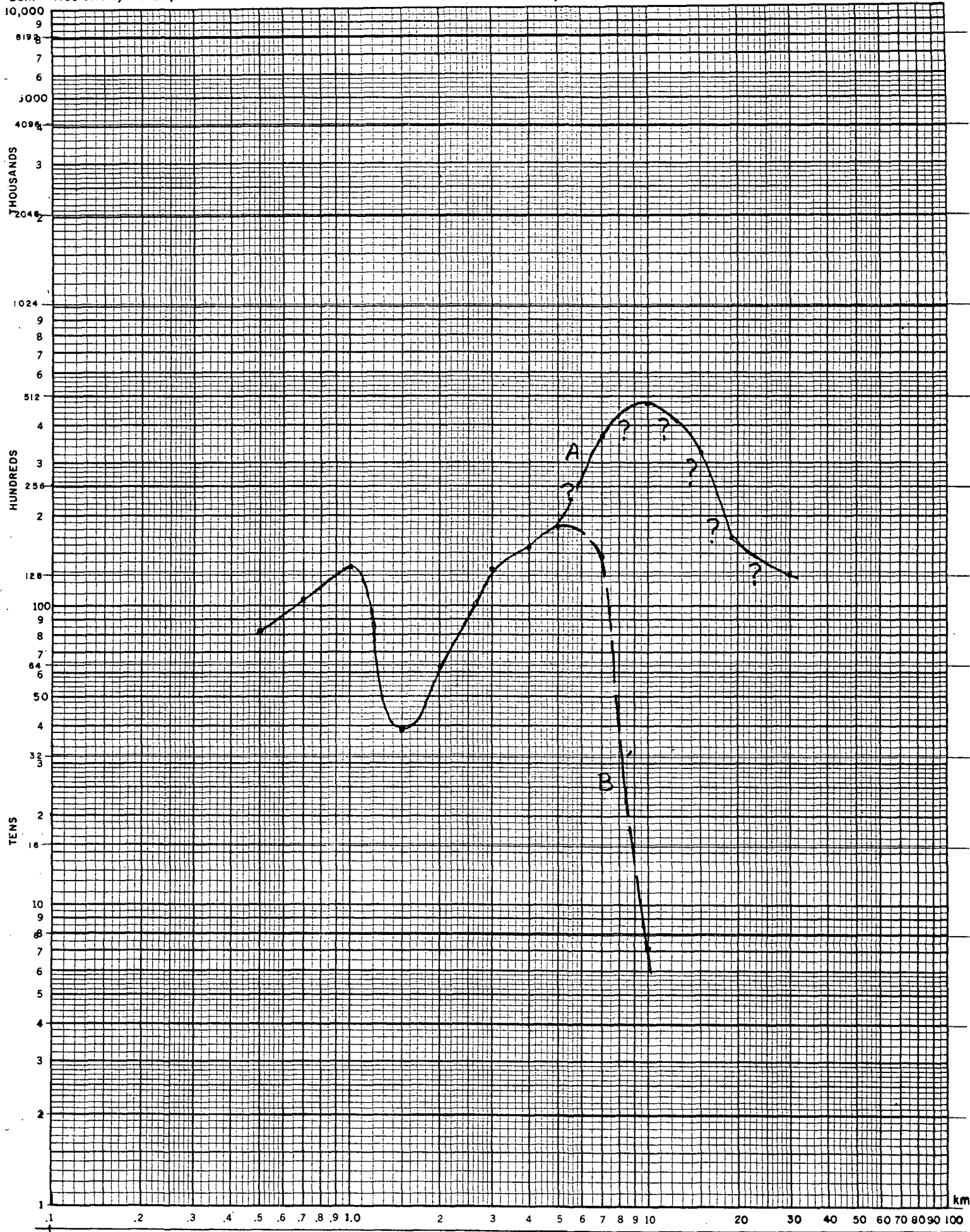
Ωm Resistivity vs Depth



Proj. MCCOY, NV

Station B5

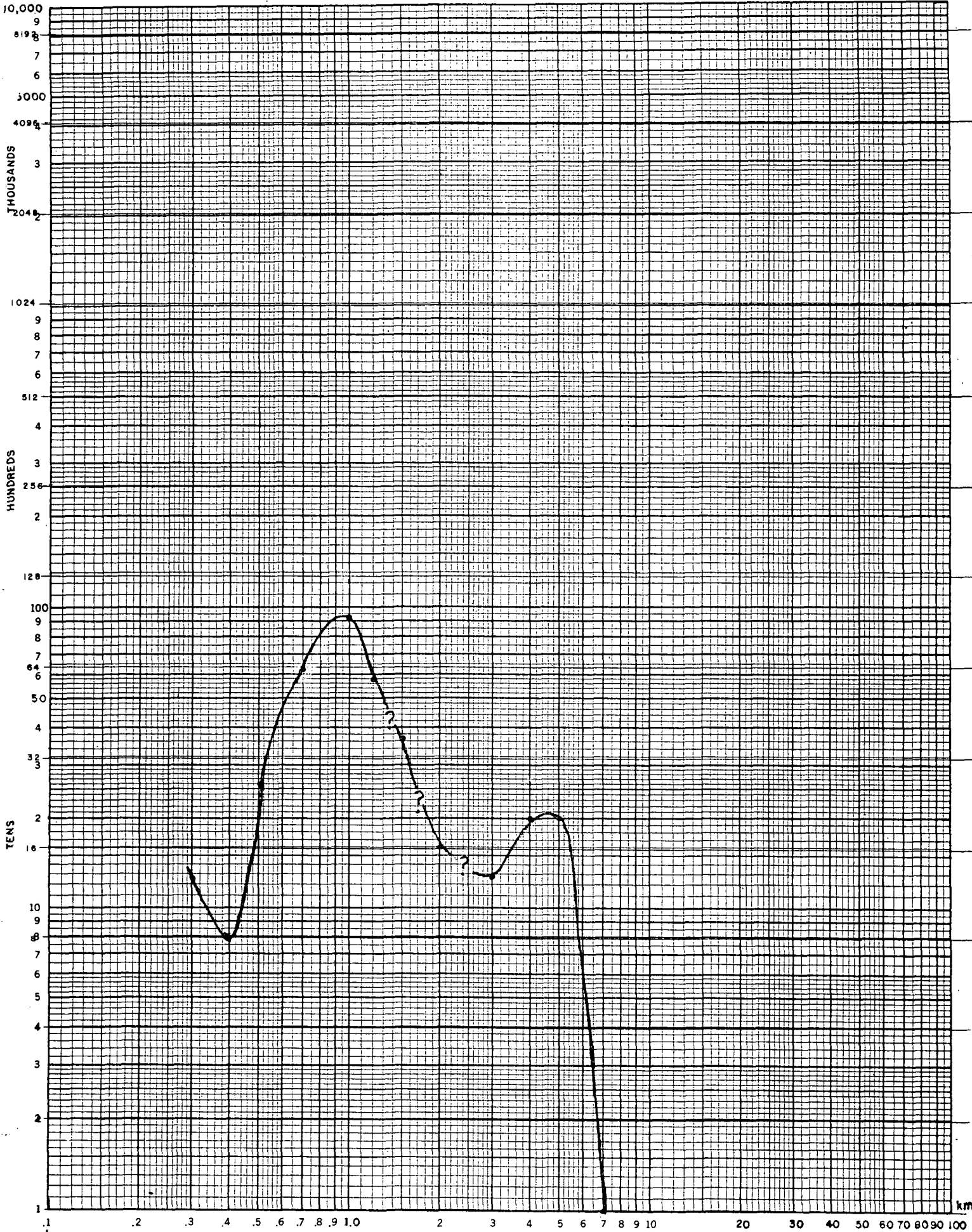
Ωm Resistivity vs Depth



Ωm Resistivity vs Depth

Proj. McCoy, NV

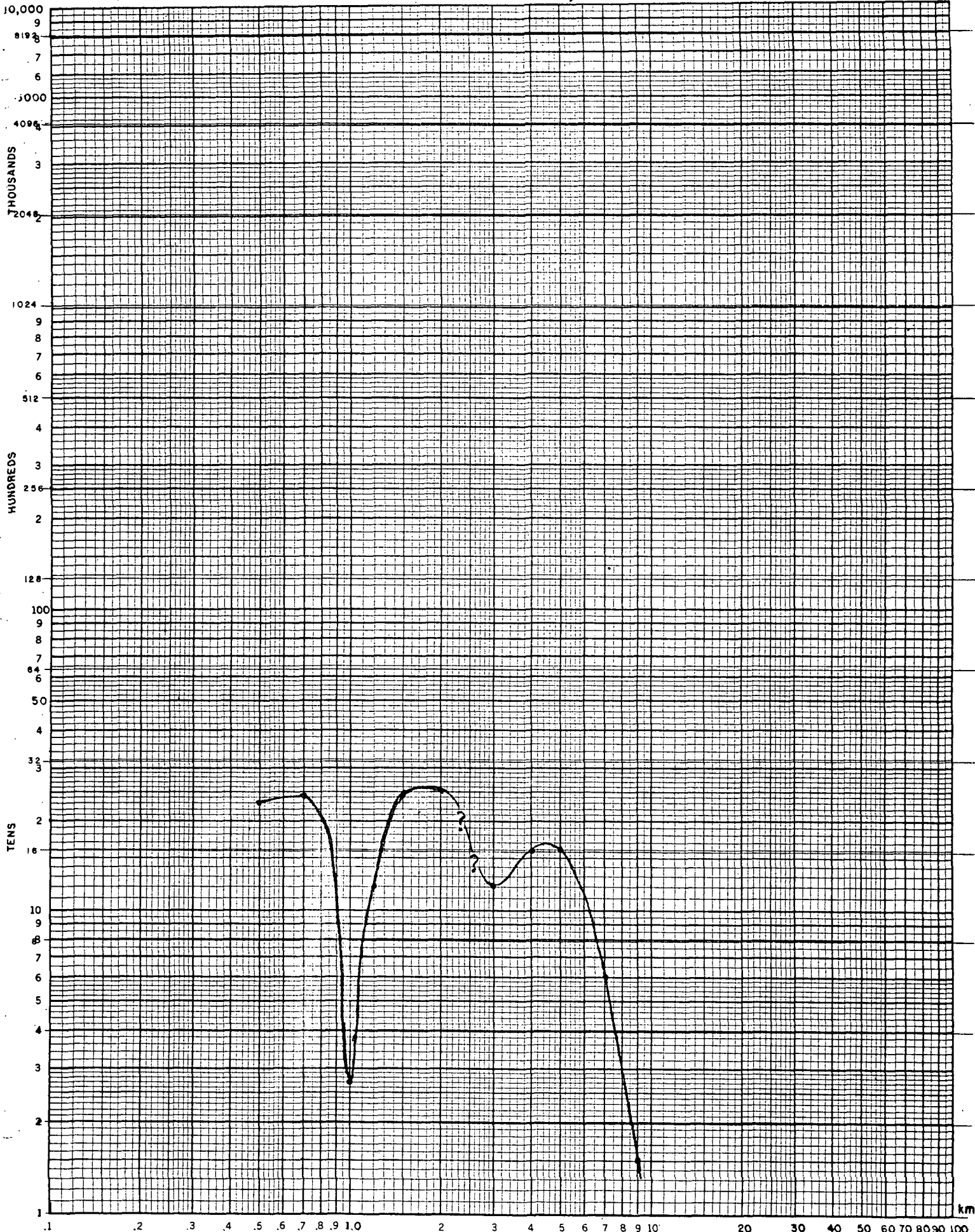
Station M6



Ωm Resistivity vs Depth

Proj. McCOY, NV

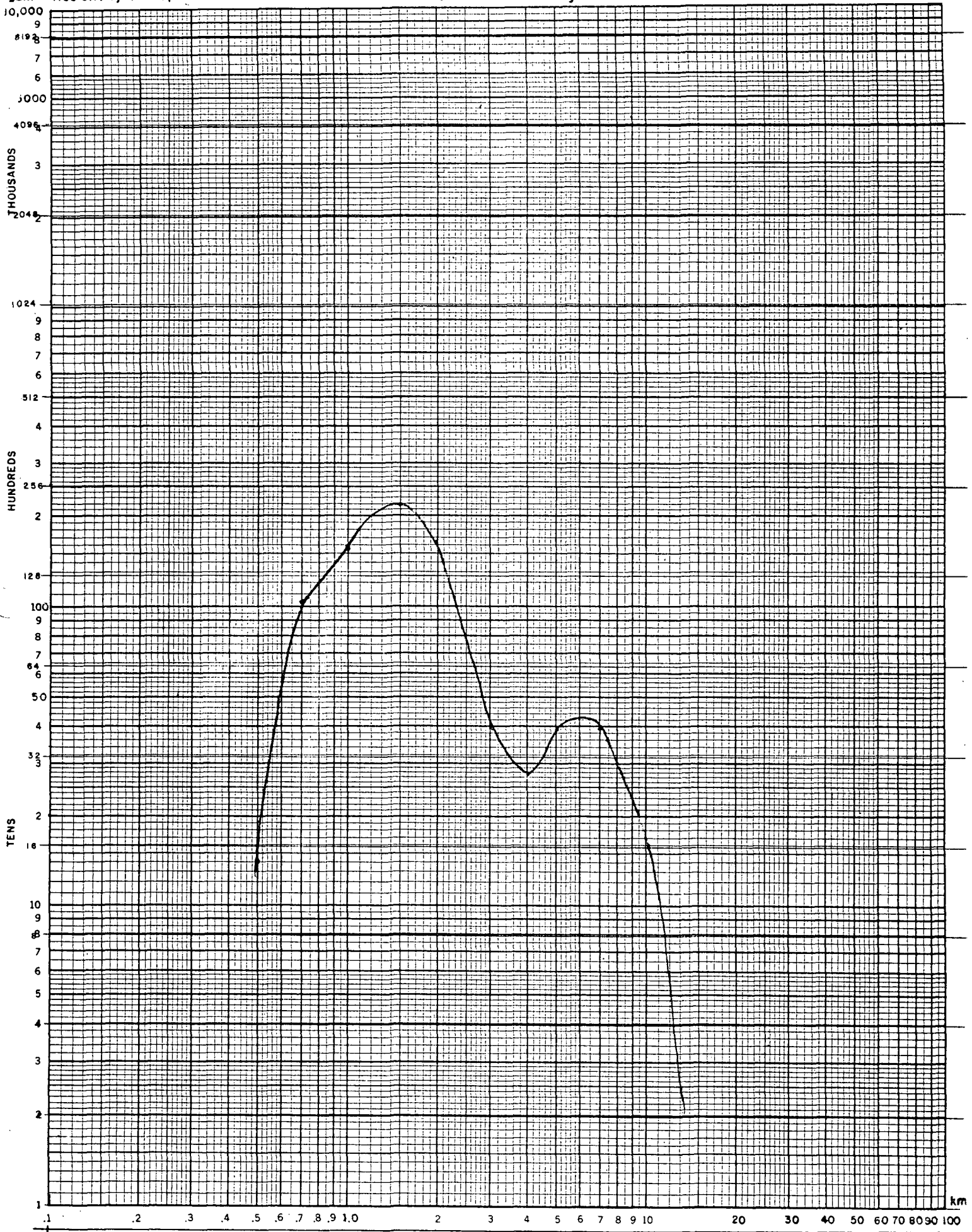
Station A6



52m Resistivity vs Depth

Proj. McCoy, NV

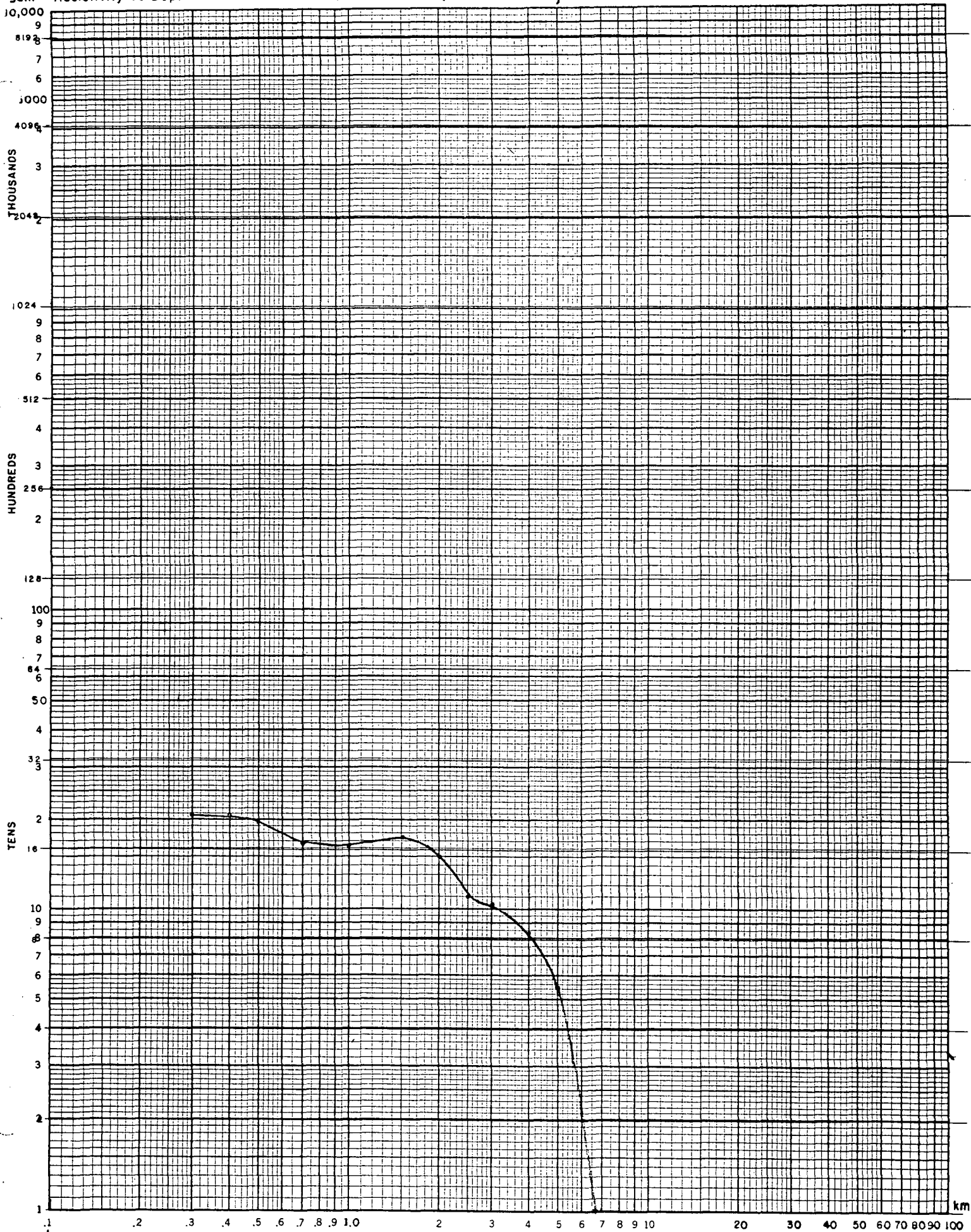
Station B6



Resistivity vs Depth

Proj. MCCOY, NV

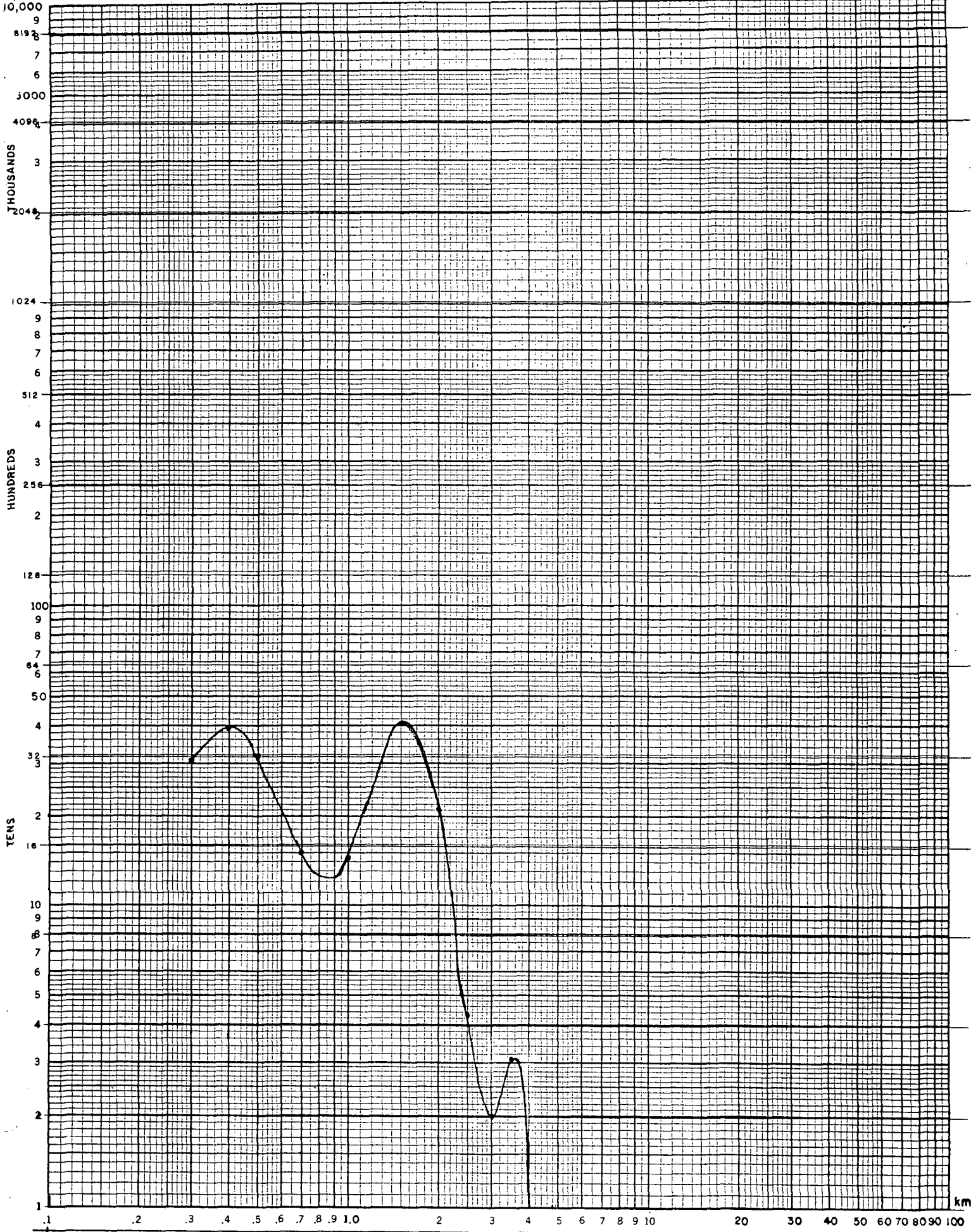
Station M7



Proj. McCoy, NV

Station A7

Ωm Resistivity vs Depth



Proj. McCoy, NV

Station B7

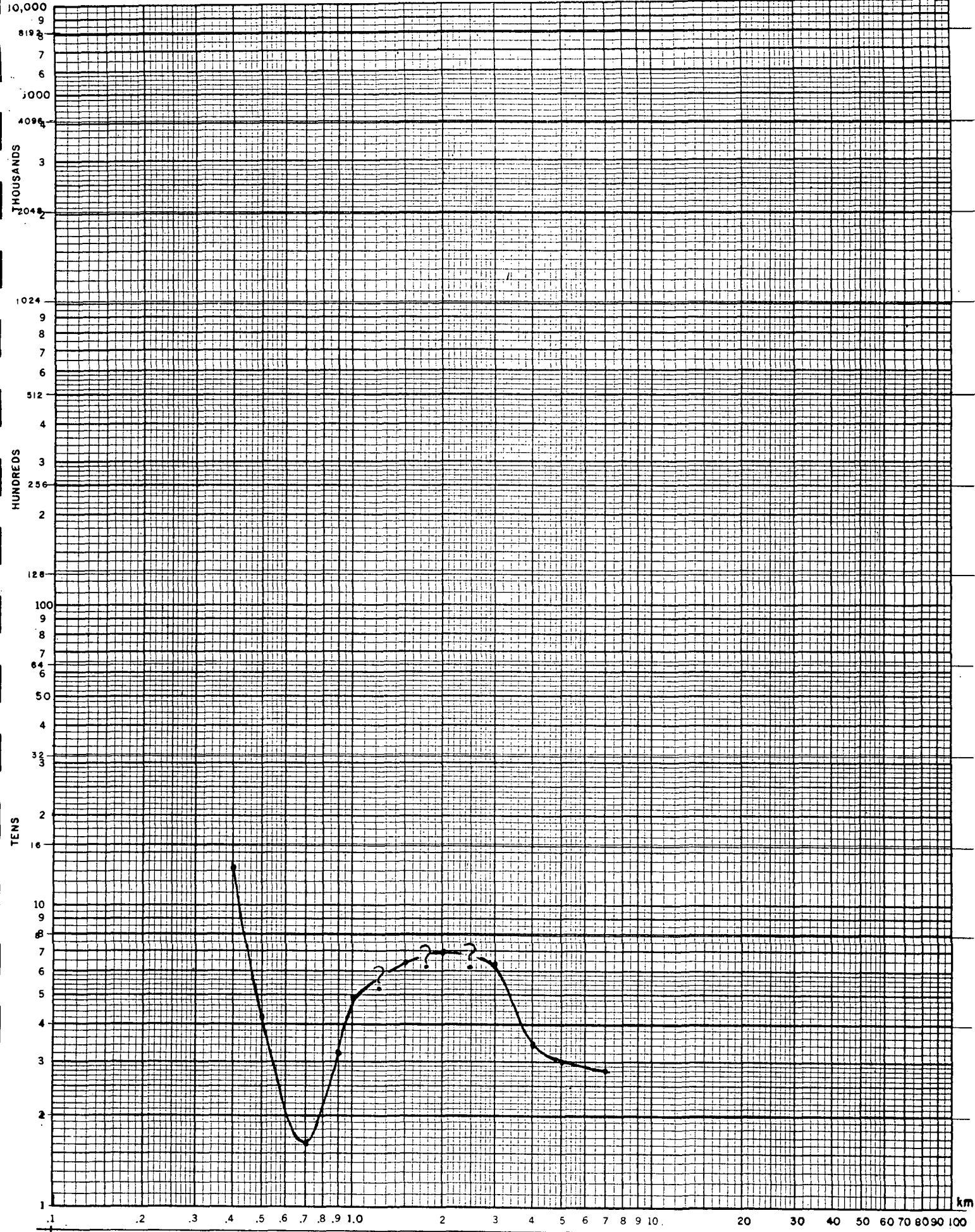
Ωm Resistivity vs Depth



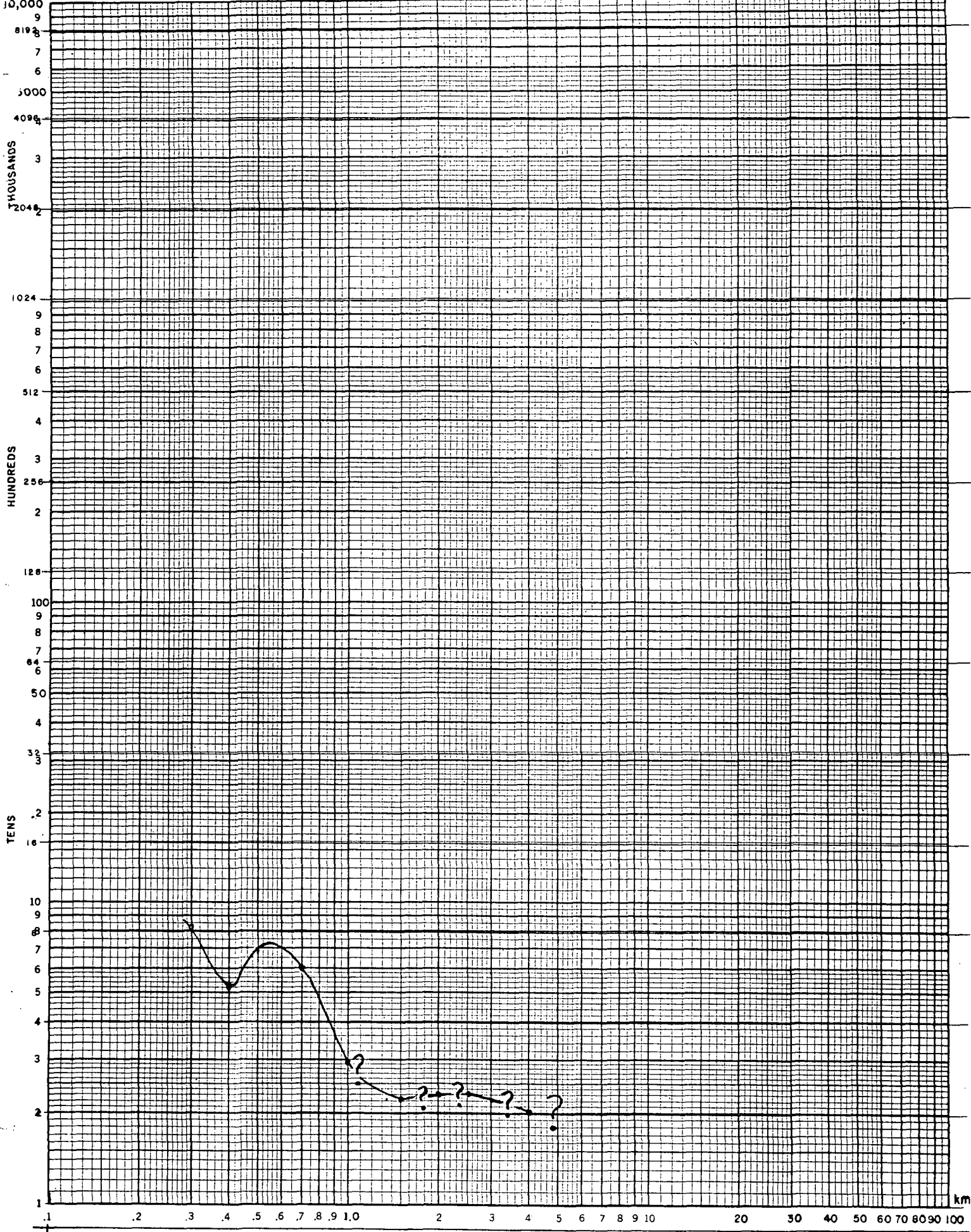
Proj. McCoy, NV

Station M8

Ωm Resistivity vs Depth



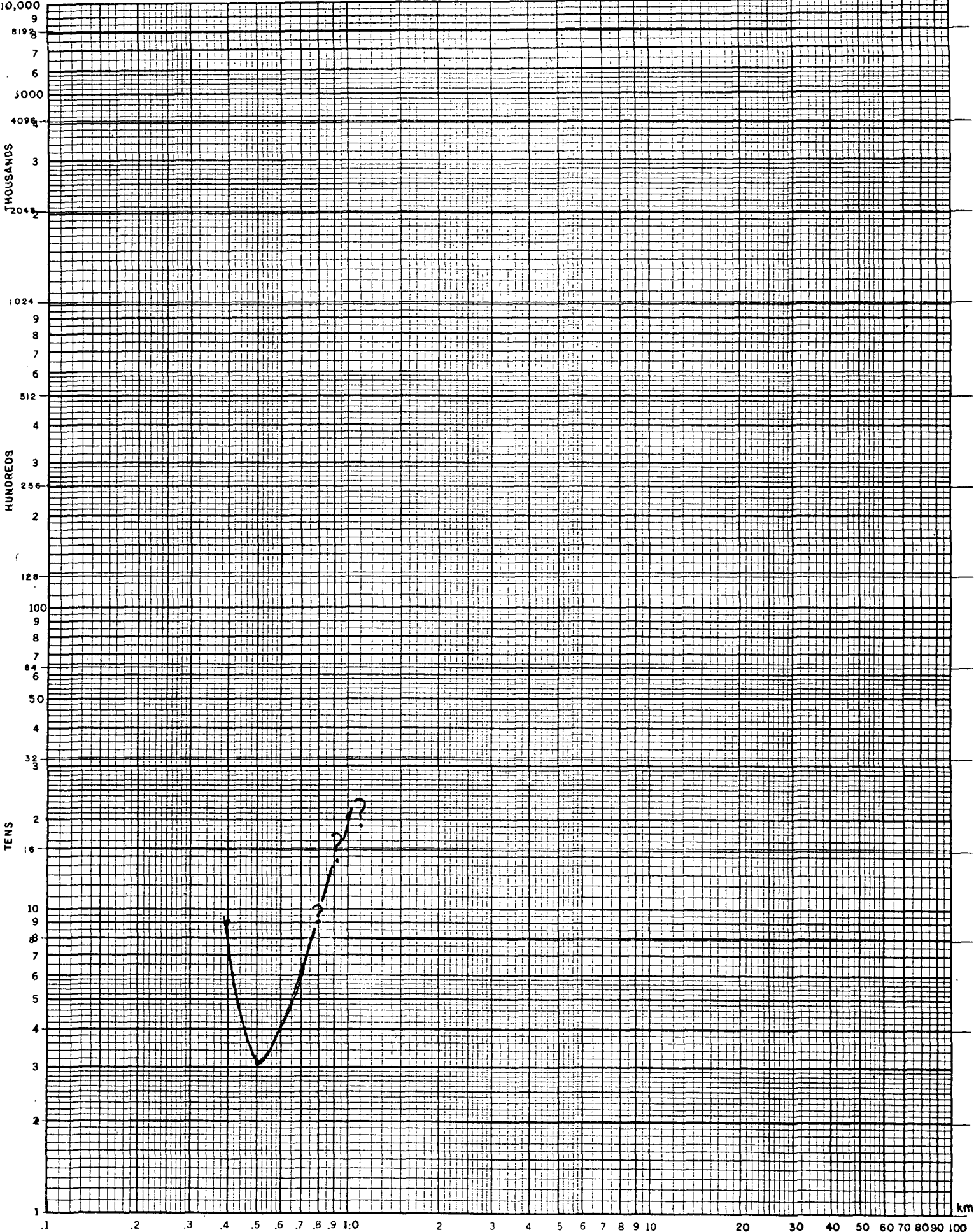
Ωm Resistivity vs Depth



Proj. McCoy, NV

Station B8

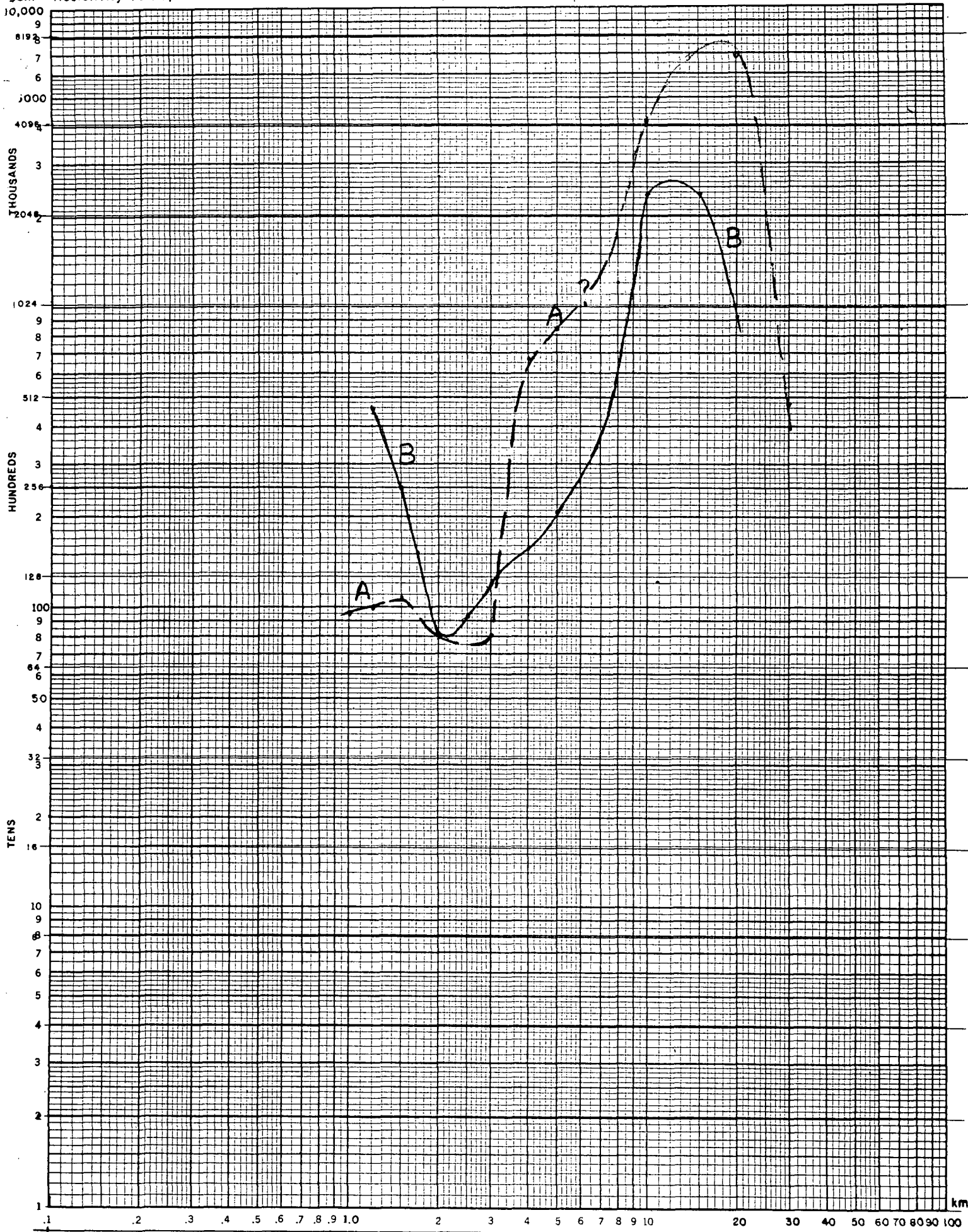
Ωm Resistivity vs Depth



Proj. McCoy, NV

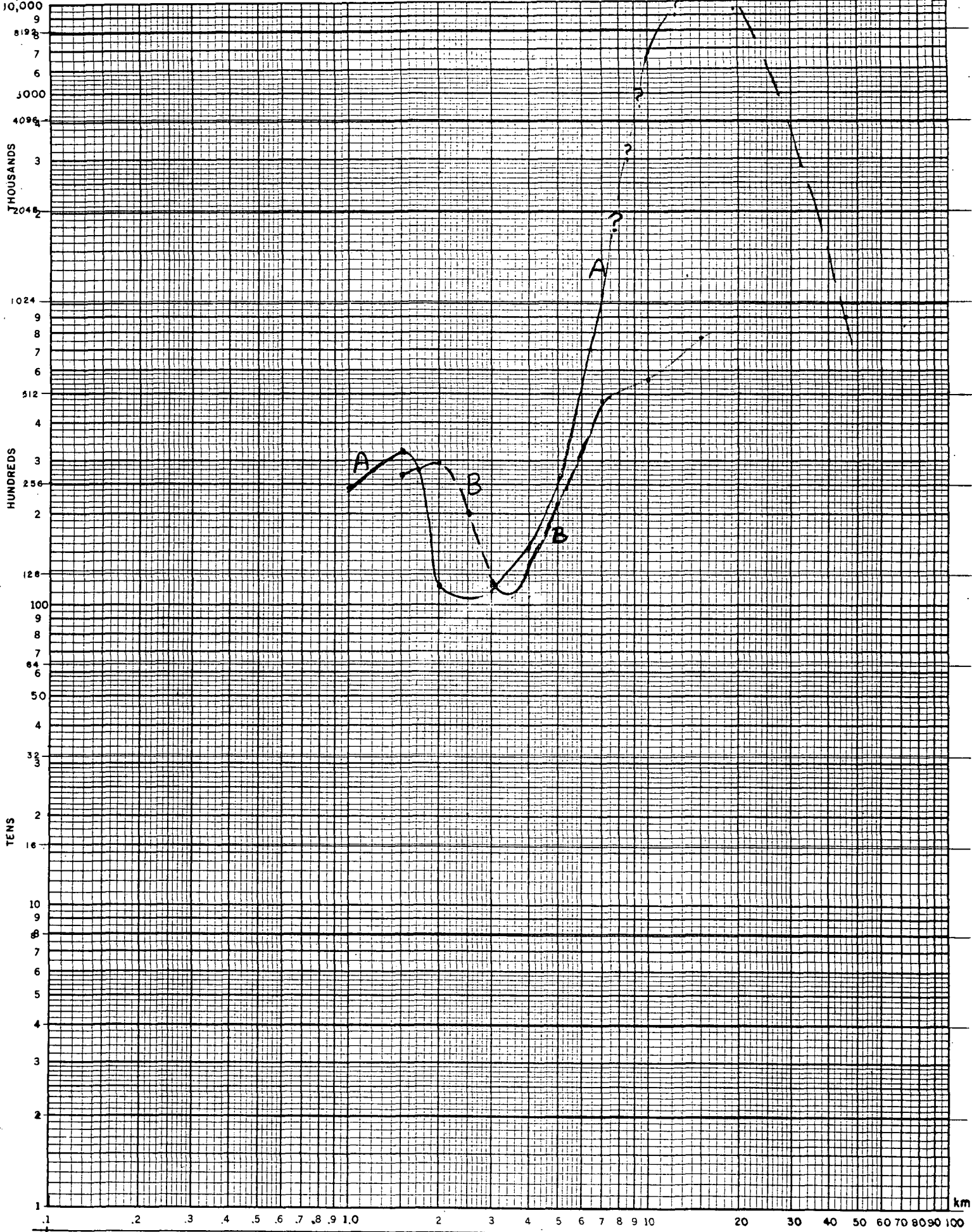
Station M9

Ωm Resistivity vs Depth



Proj. MCCOY, NV Station A9

Ωm Resistivity vs Depth



Proj. McCoy, NV

Station B9

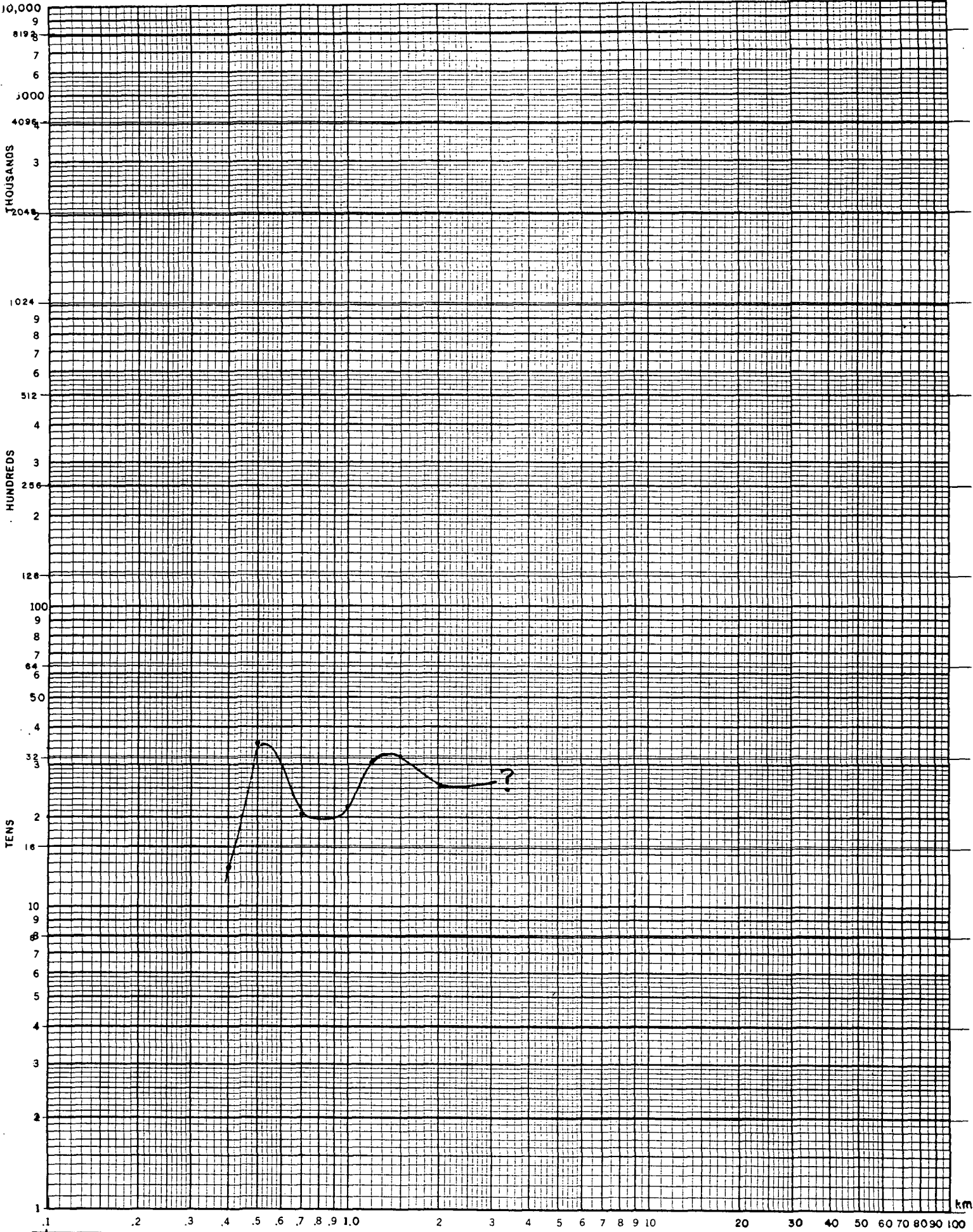
Ωm Resistivity vs Depth



5m Resistivity vs Depth

Proj. McCoy, NV

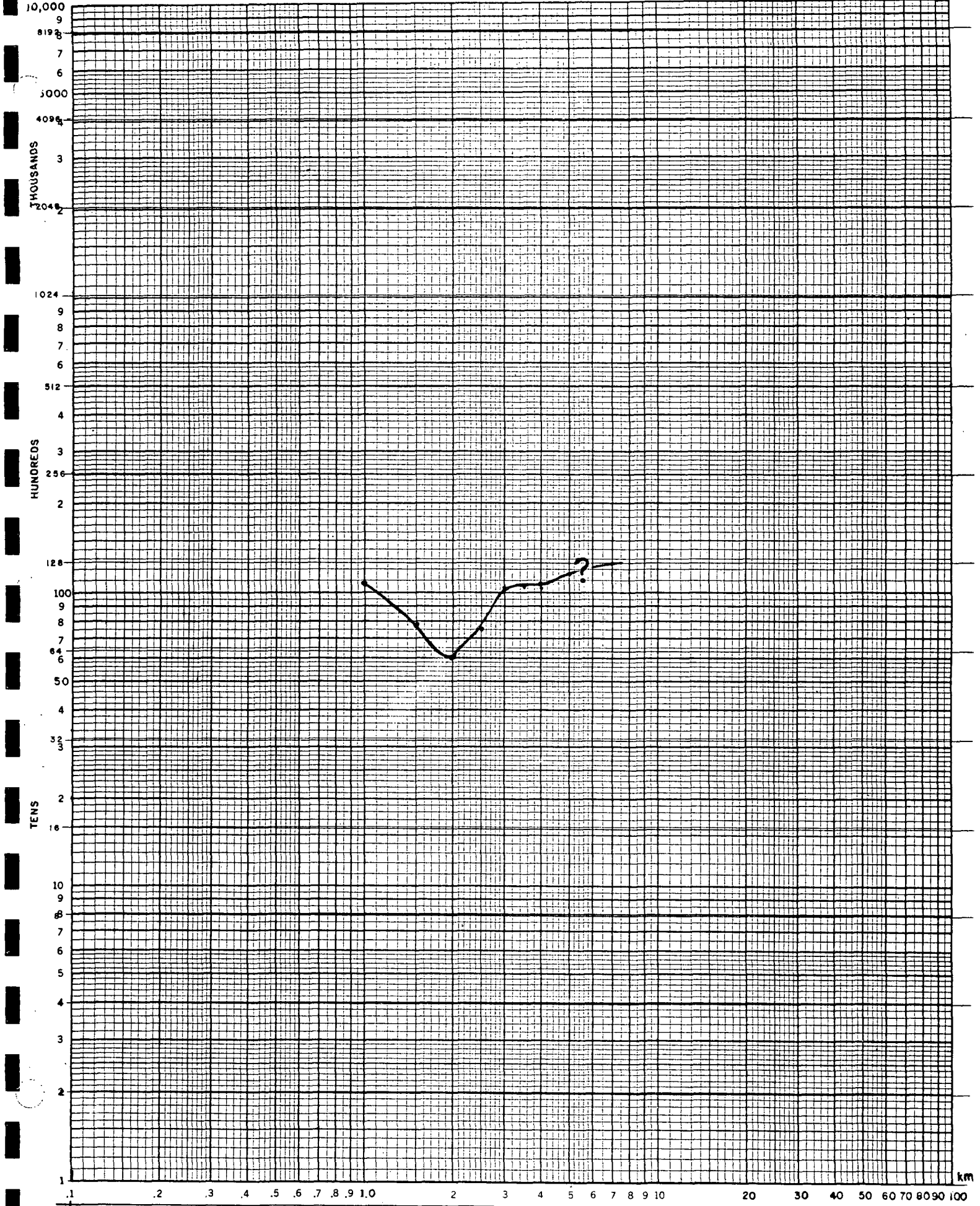
Station M10



Proj. McCOY, NV

Station A10

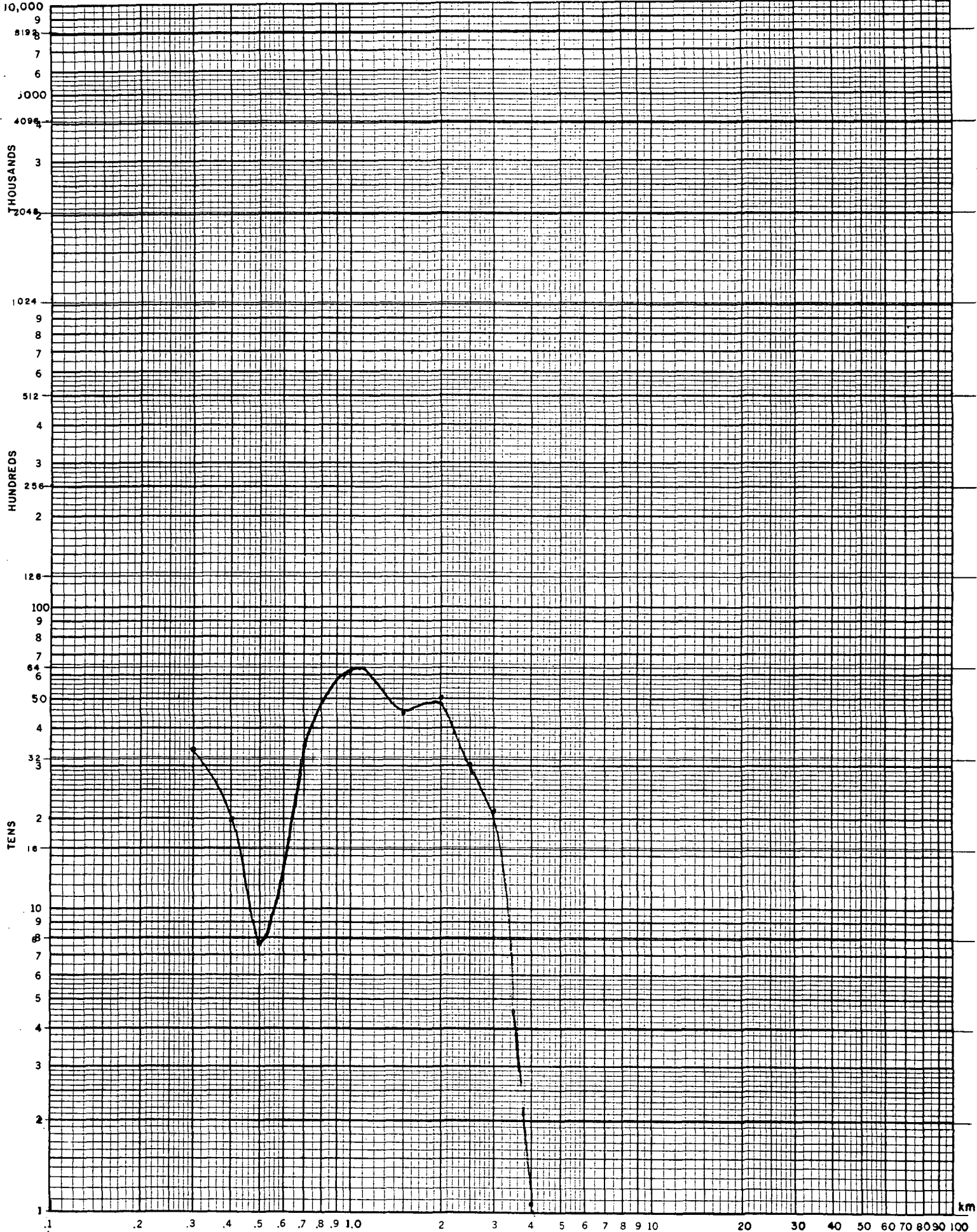
Ωm Resistivity vs Depth



Proj. McCoy, NV

Station B10

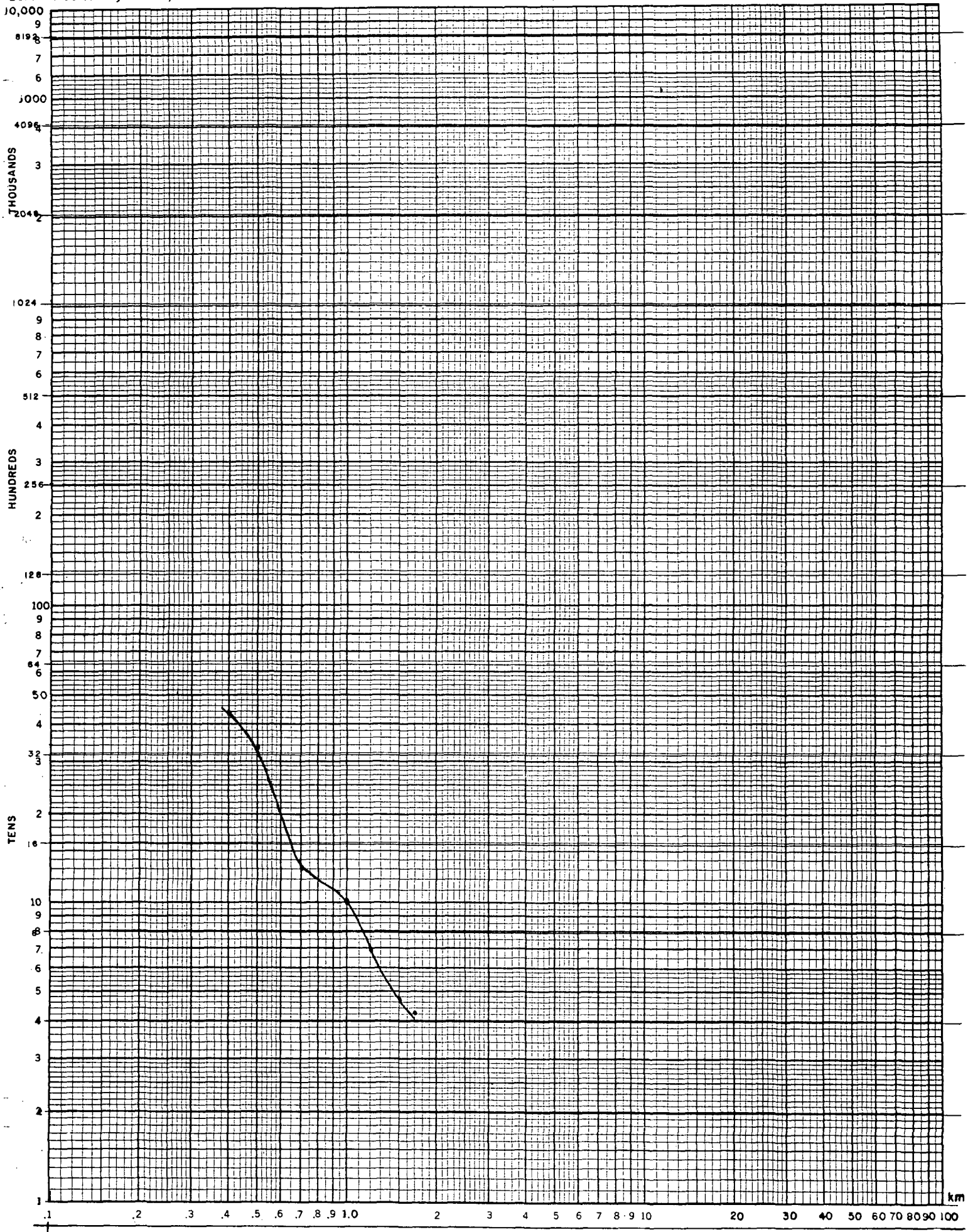
Ωm Resistivity vs Depth



Proj. McCOY, NV

Station MU

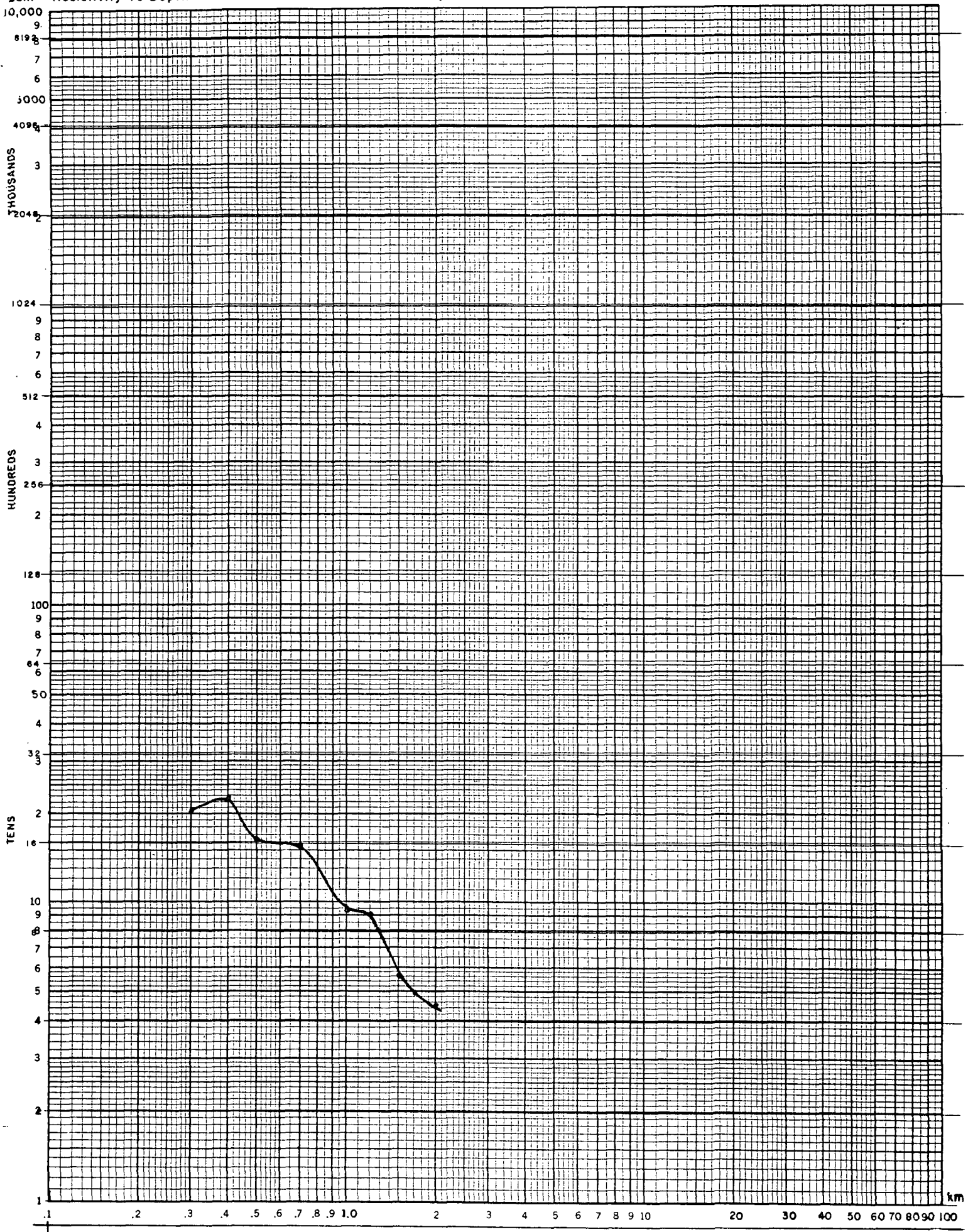
Ω m Resistivity vs Depth



Proj. McCoy

Station A11

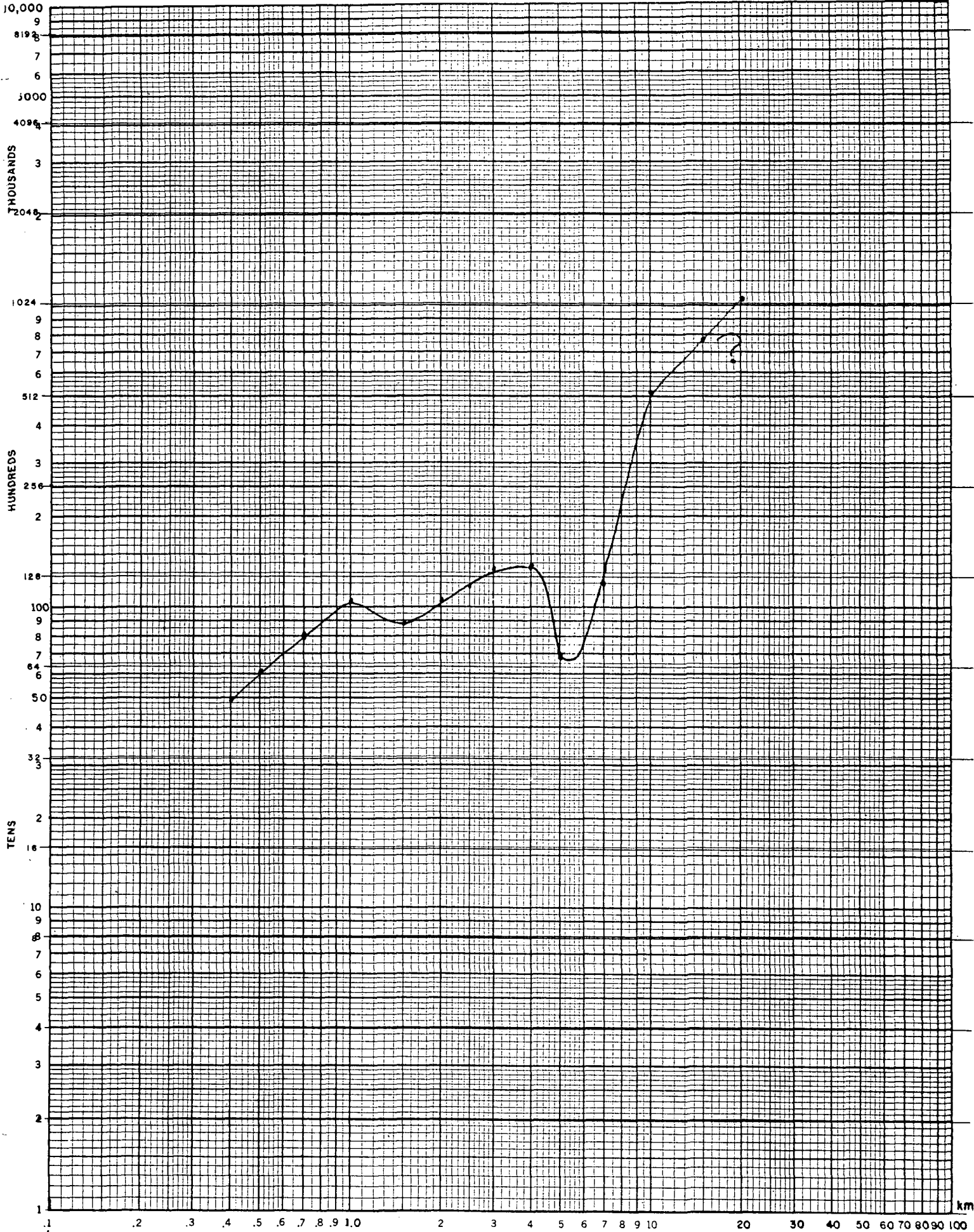
Ωm Resistivity vs Depth



Proj. McCoy, NV

Station M12

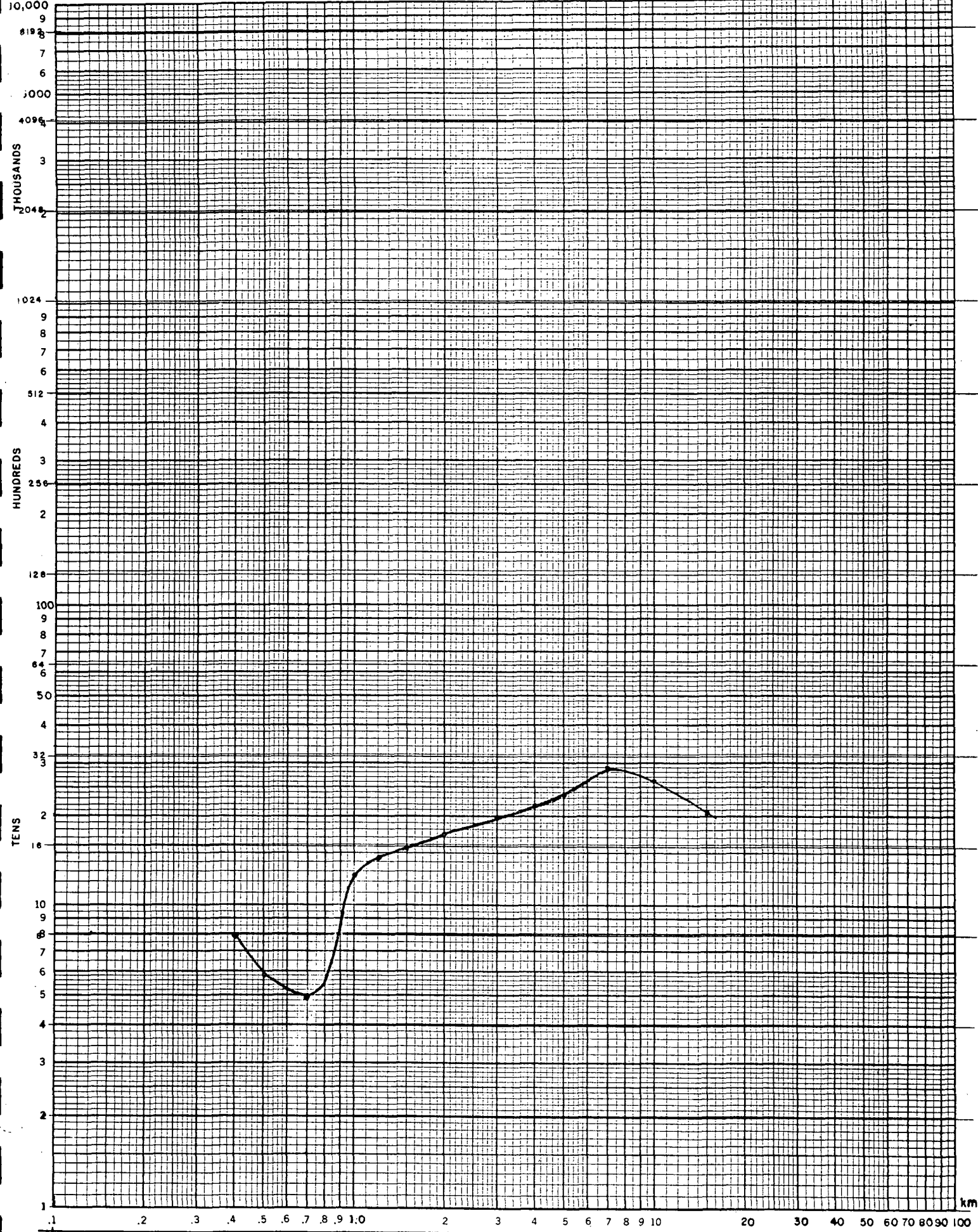
Ωm Resistivity vs Depth



Proj. McCoy, NV

Station A12

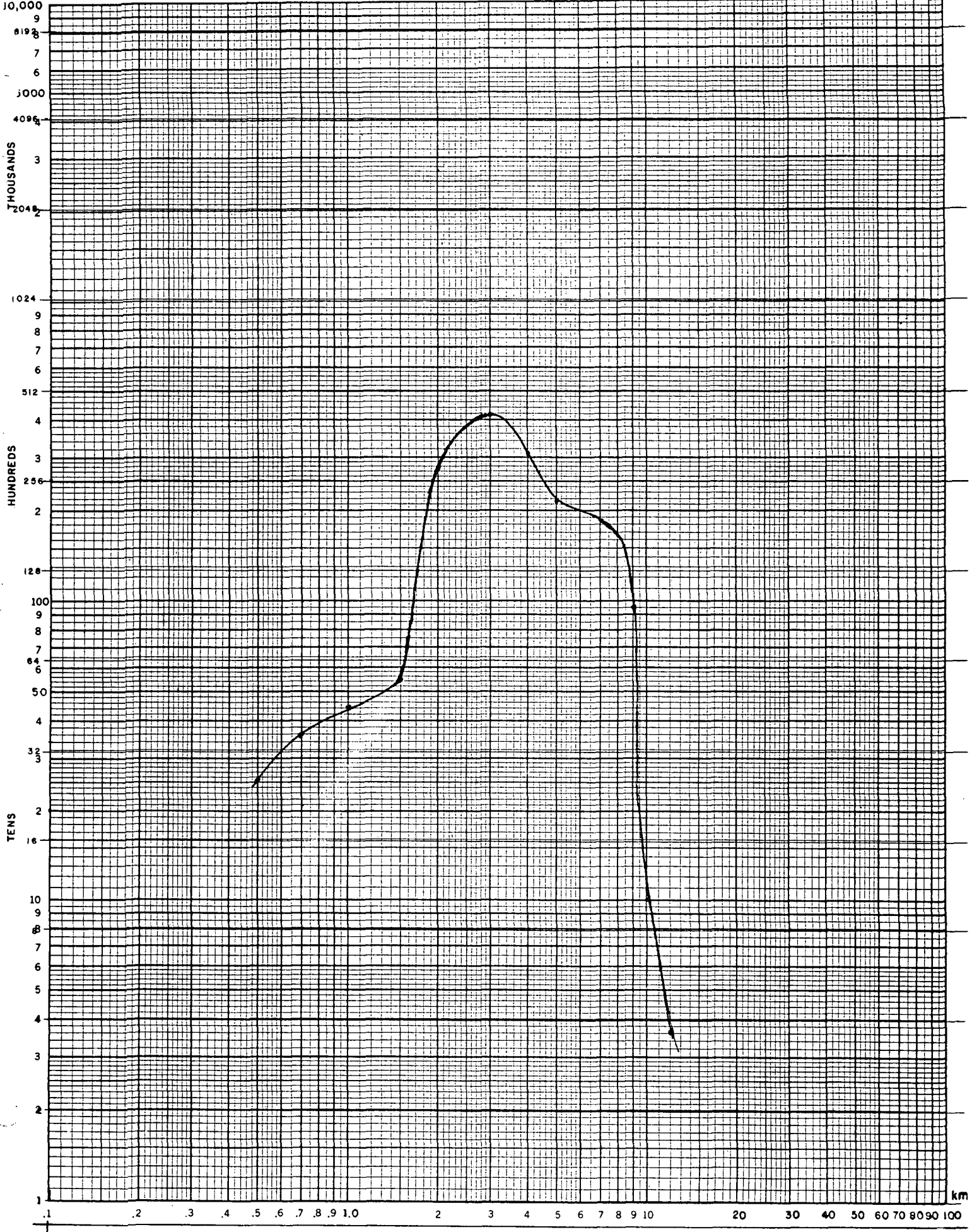
5m Resistivity vs Depth



Proj. McCoy, NV

Station B12

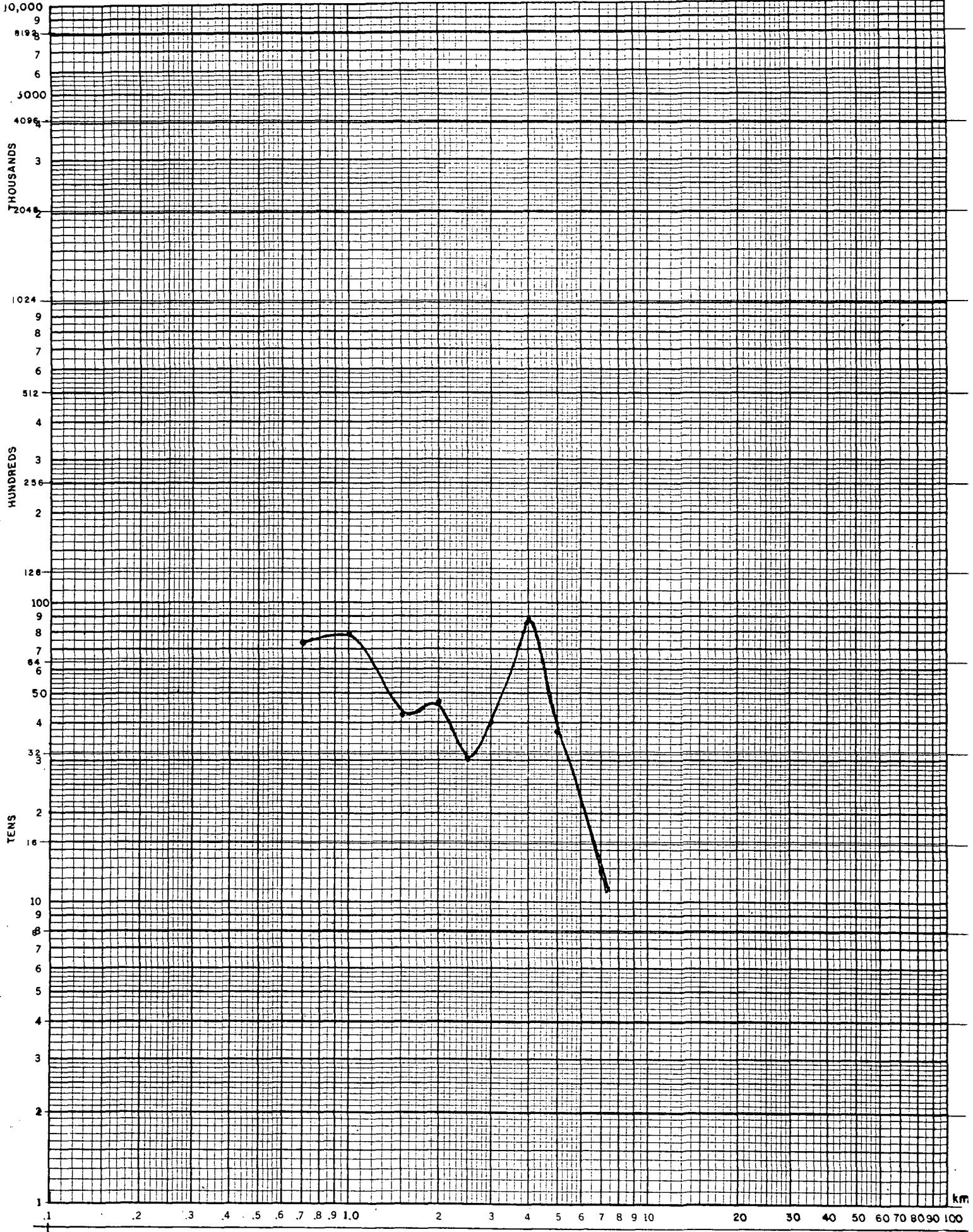
Ωm Resistivity vs Depth



Proj. McCoy, NV

Station M13

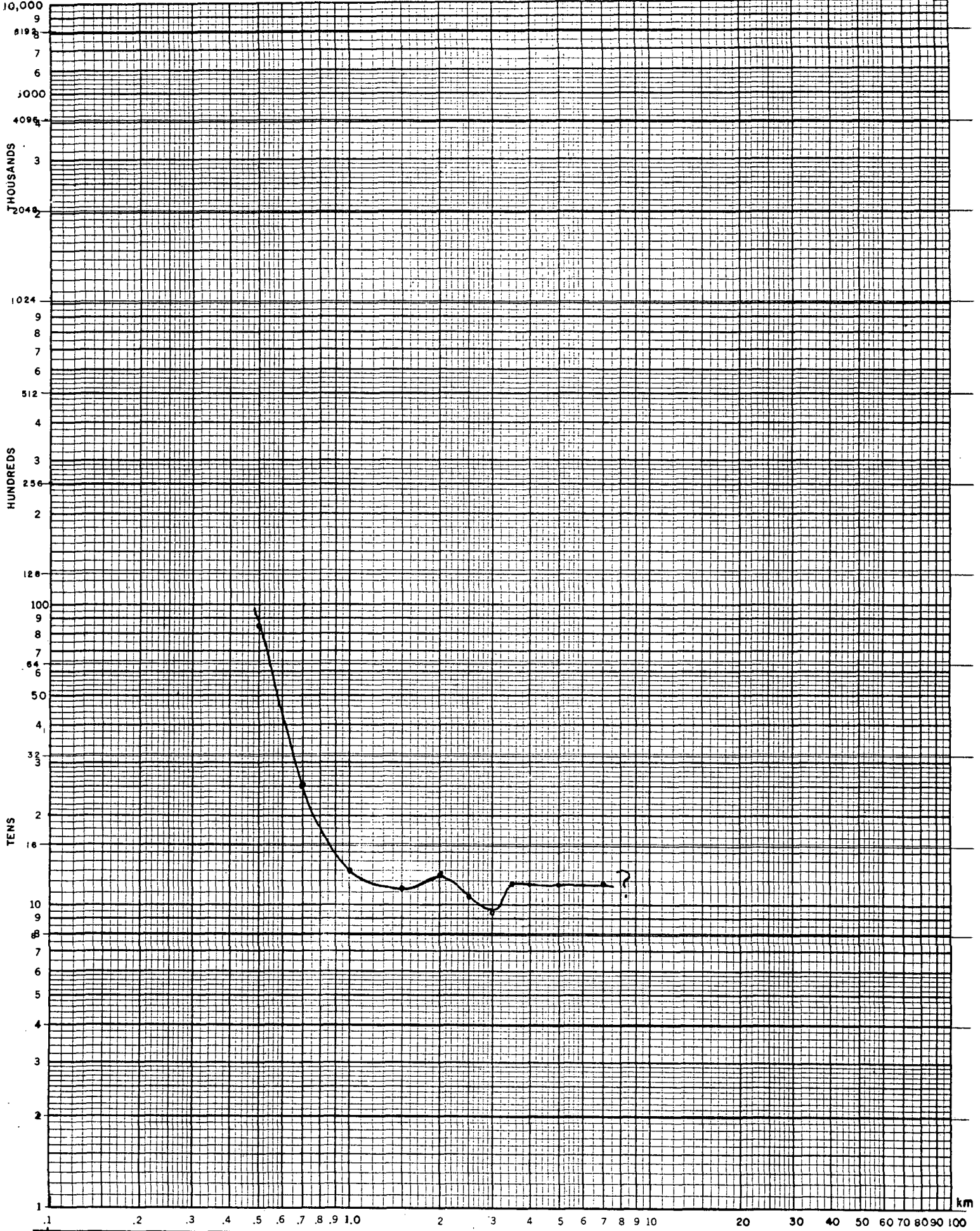
$\Omega\cdot m$ Resistivity vs Depth



Proj. McCoy, NV

Station A13

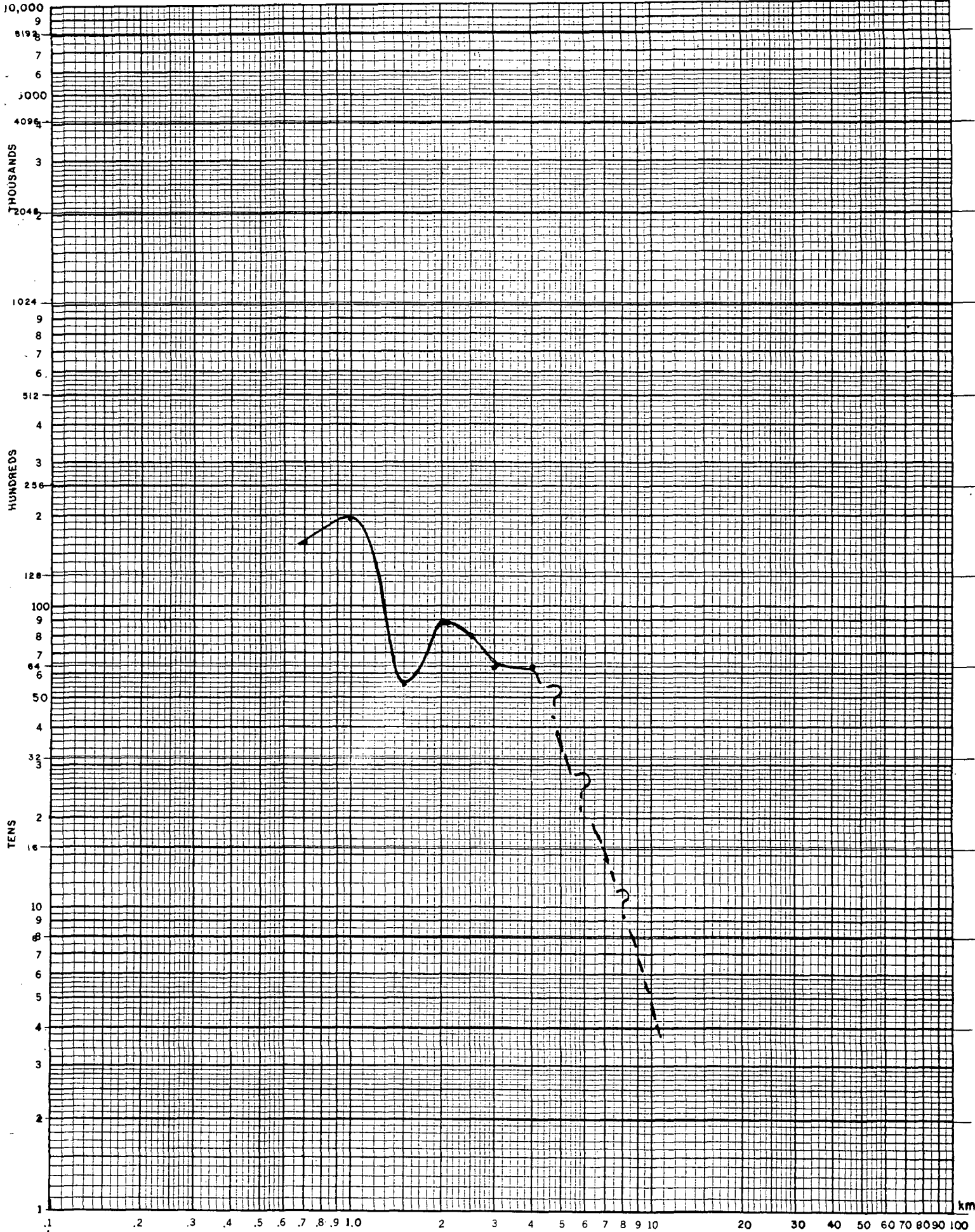
Ωm Resistivity vs Depth



Proj. McGOY, NV

Station B13

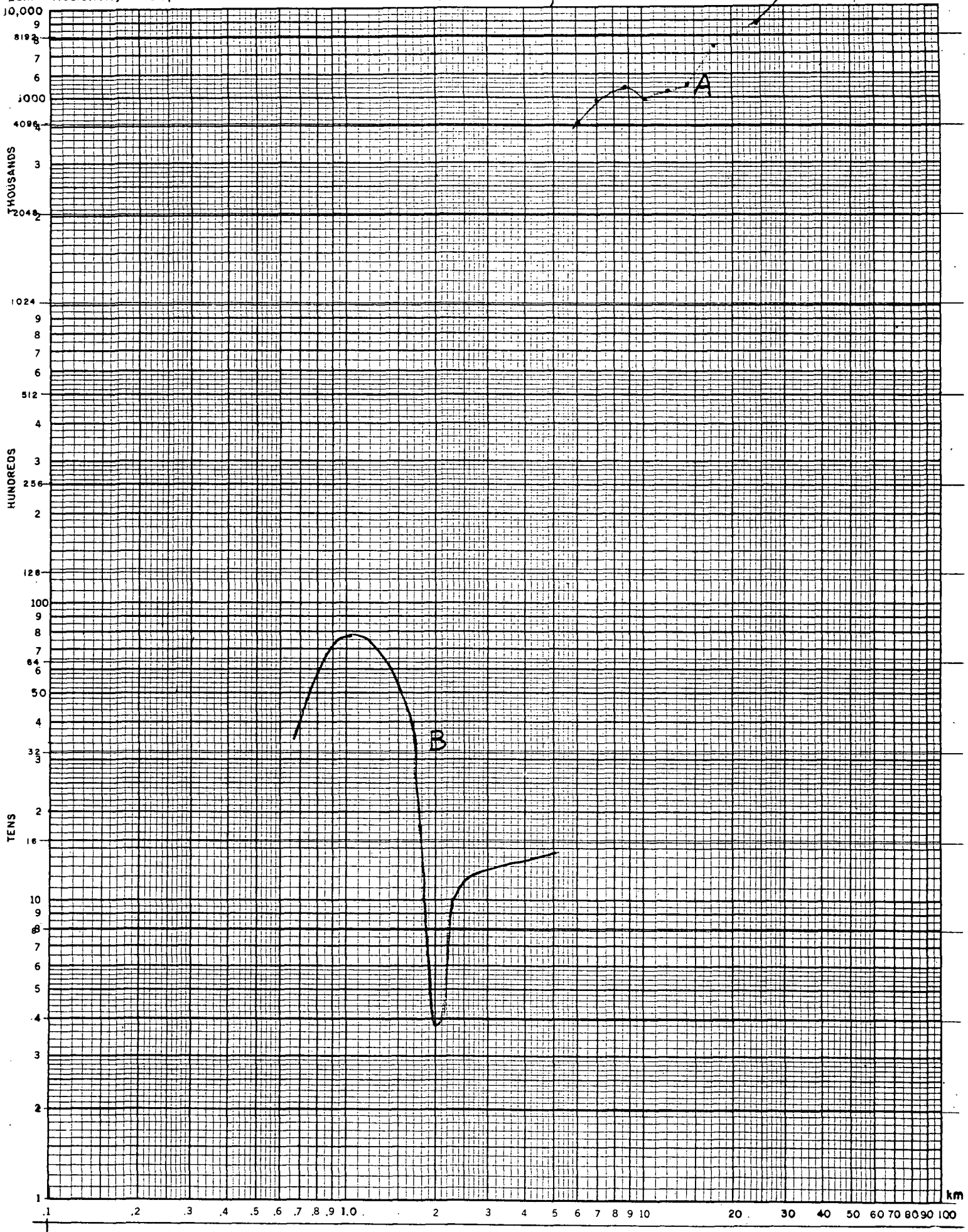
$\Omega\cdot m$ Resistivity vs Depth



Proj. McCoy, NV

Station M14

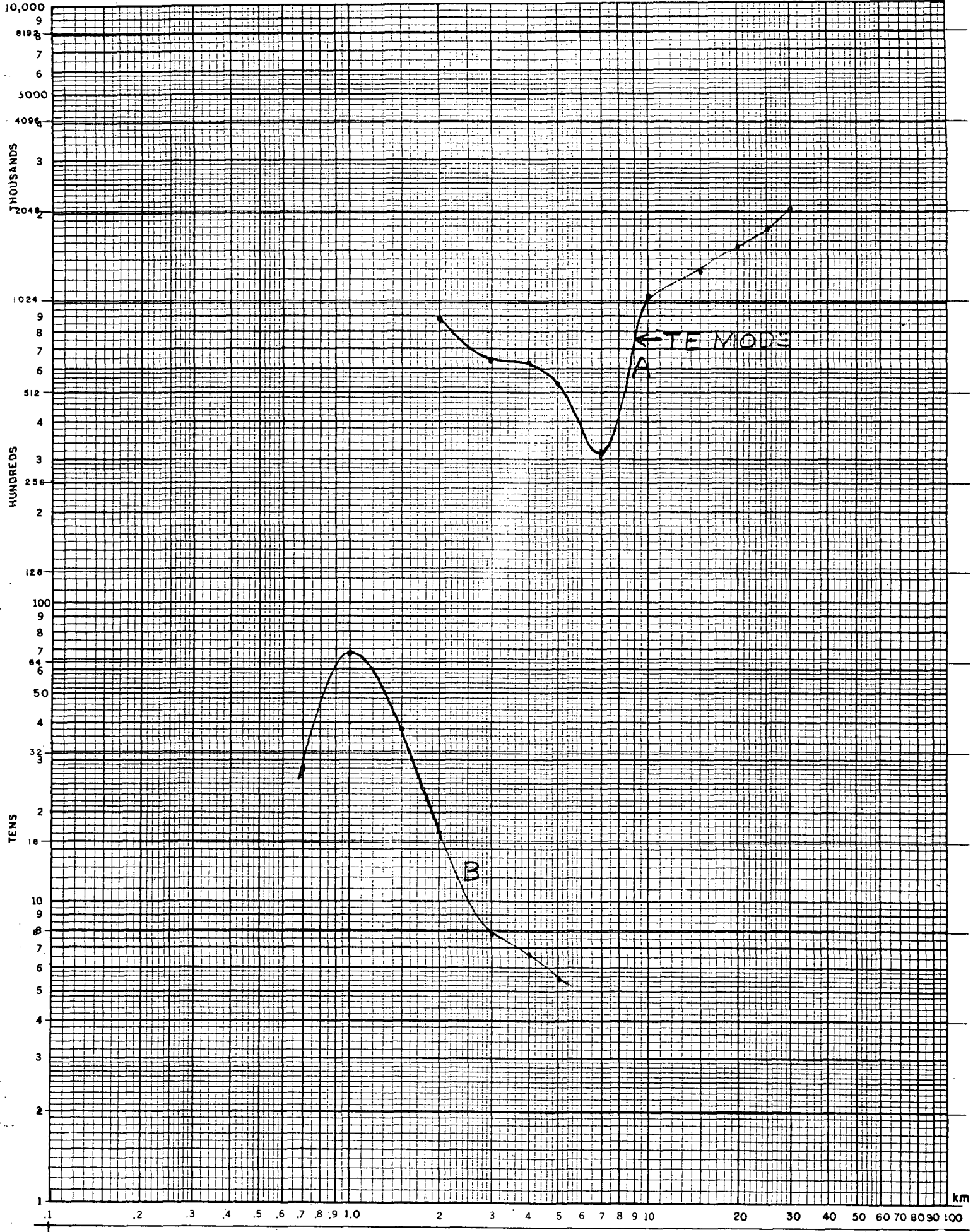
Ωm Resistivity vs Depth



Proj. McCOY, NV

Station A14

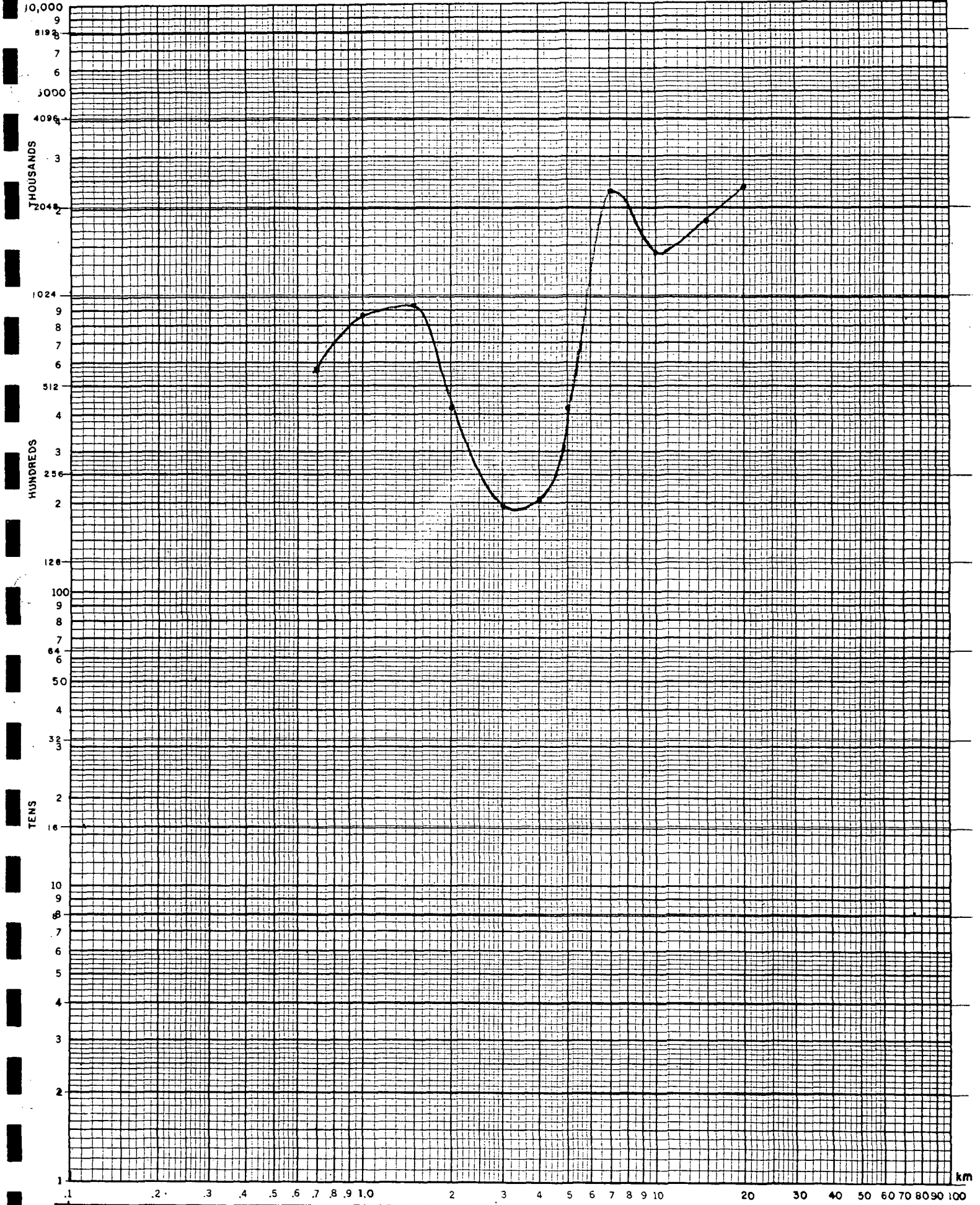
Ω m Resistivity vs Depth



Proj. McCoy, NY

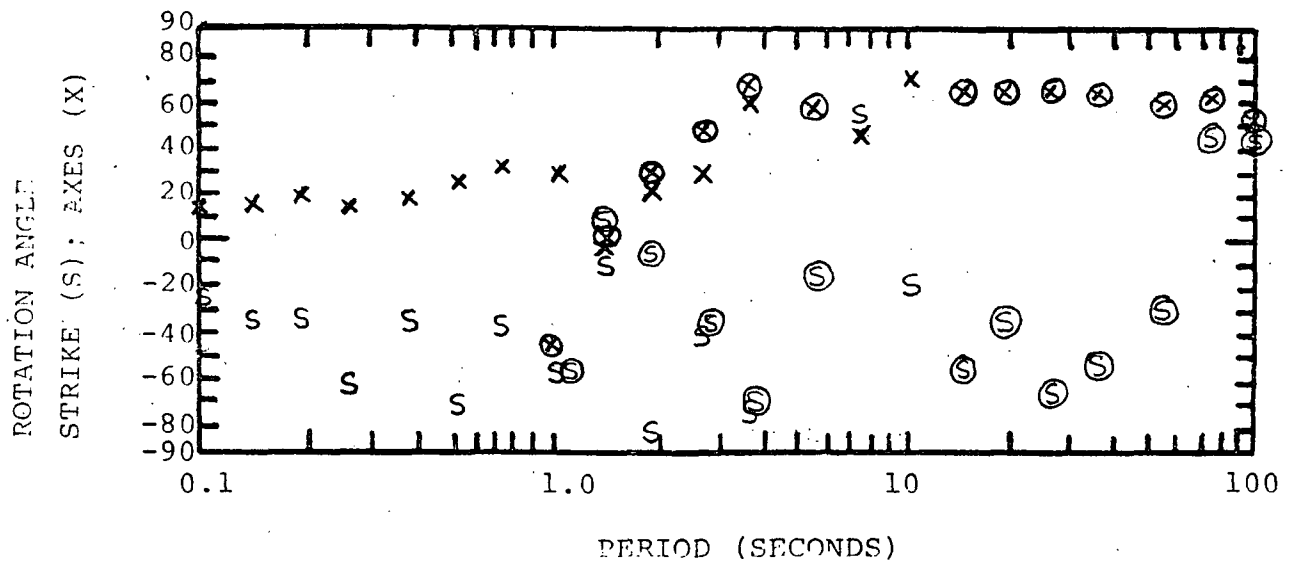
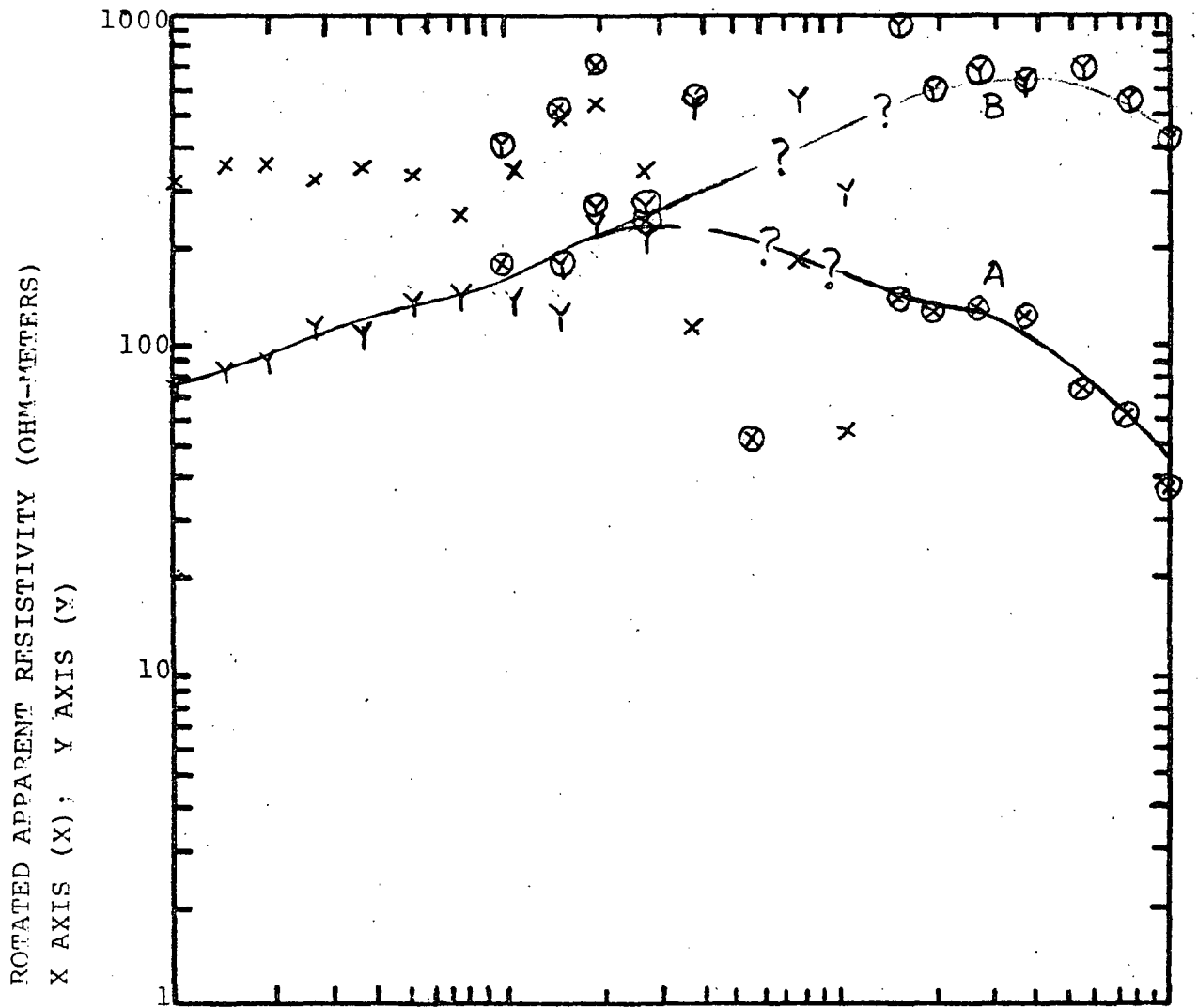
Station B14

Ωm Resistivity vs Depth

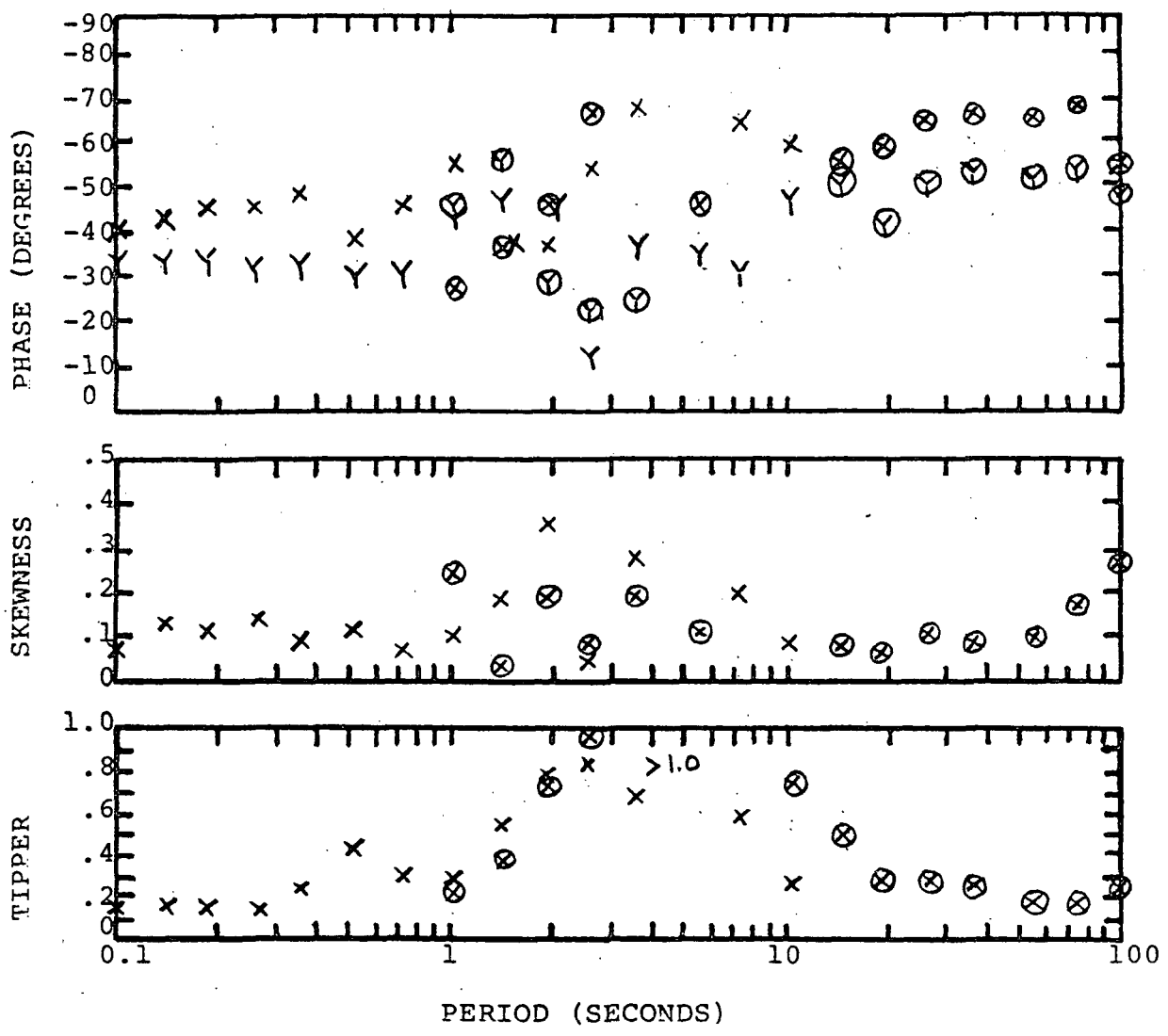


PROSPECT McCOY, NEVADA

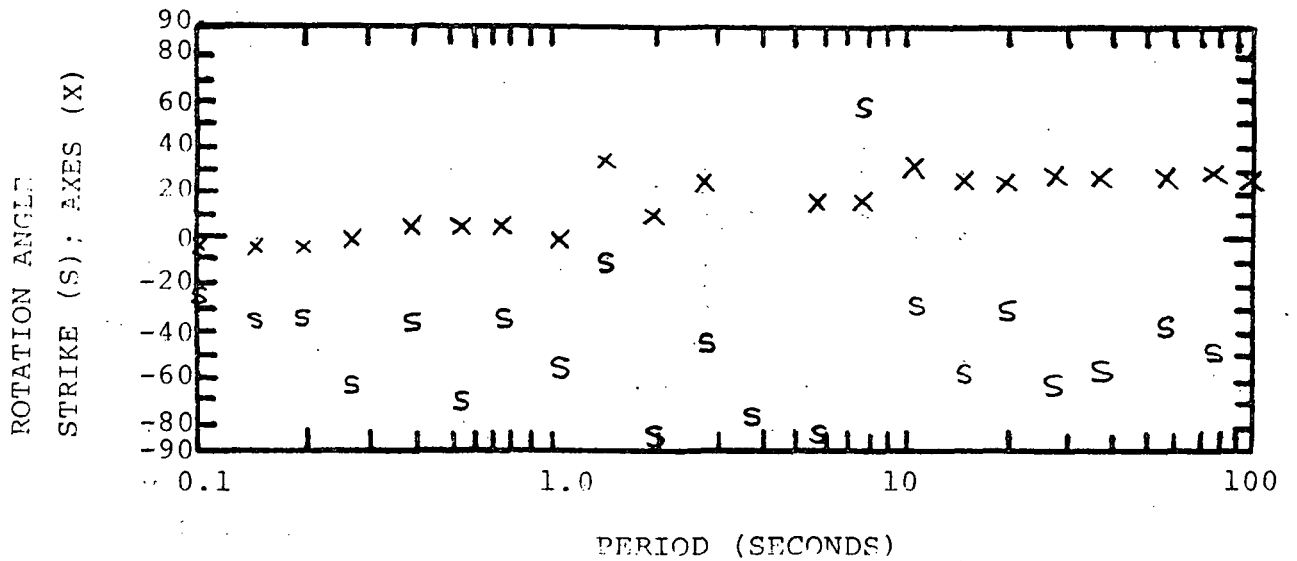
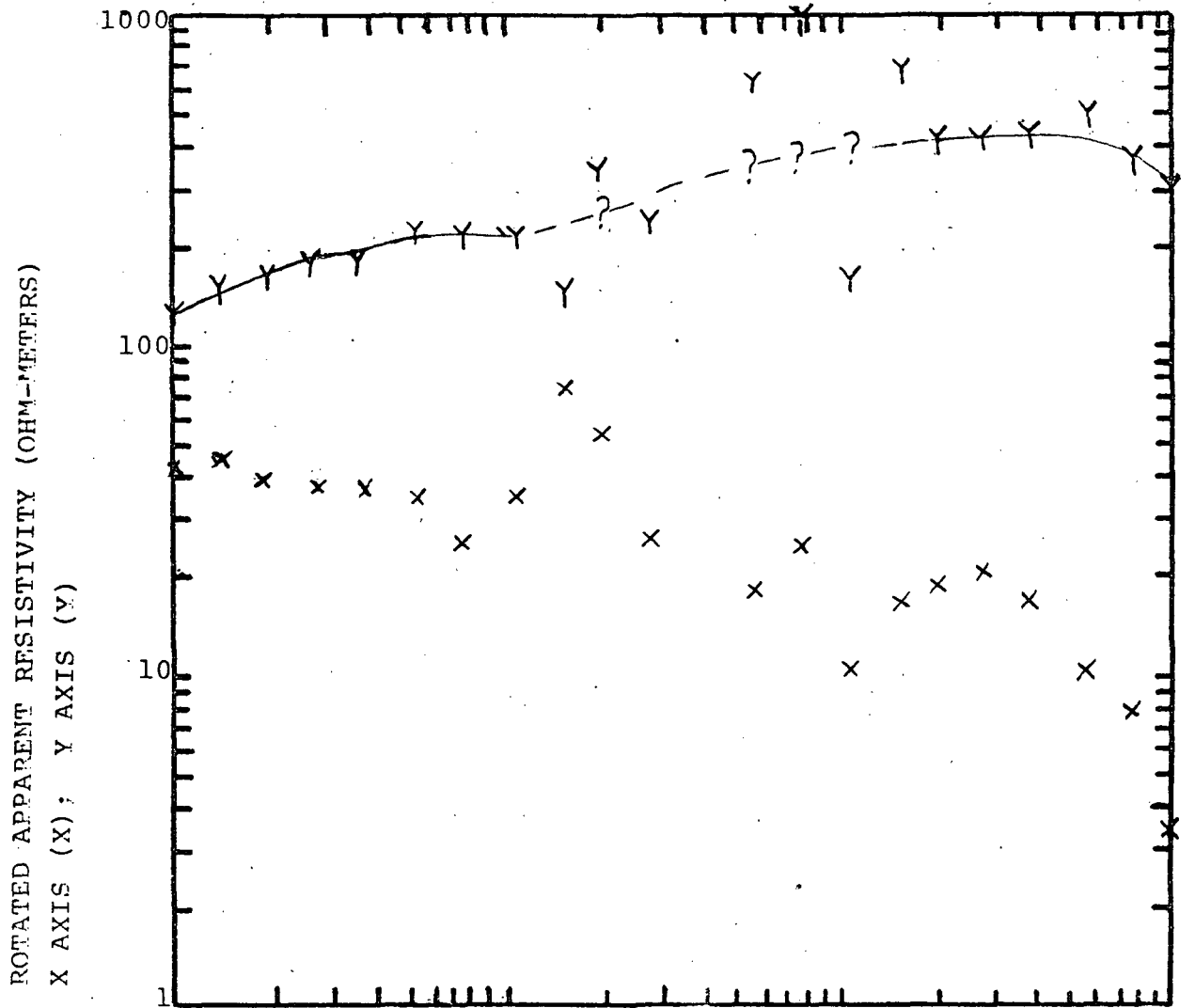
STATION MI



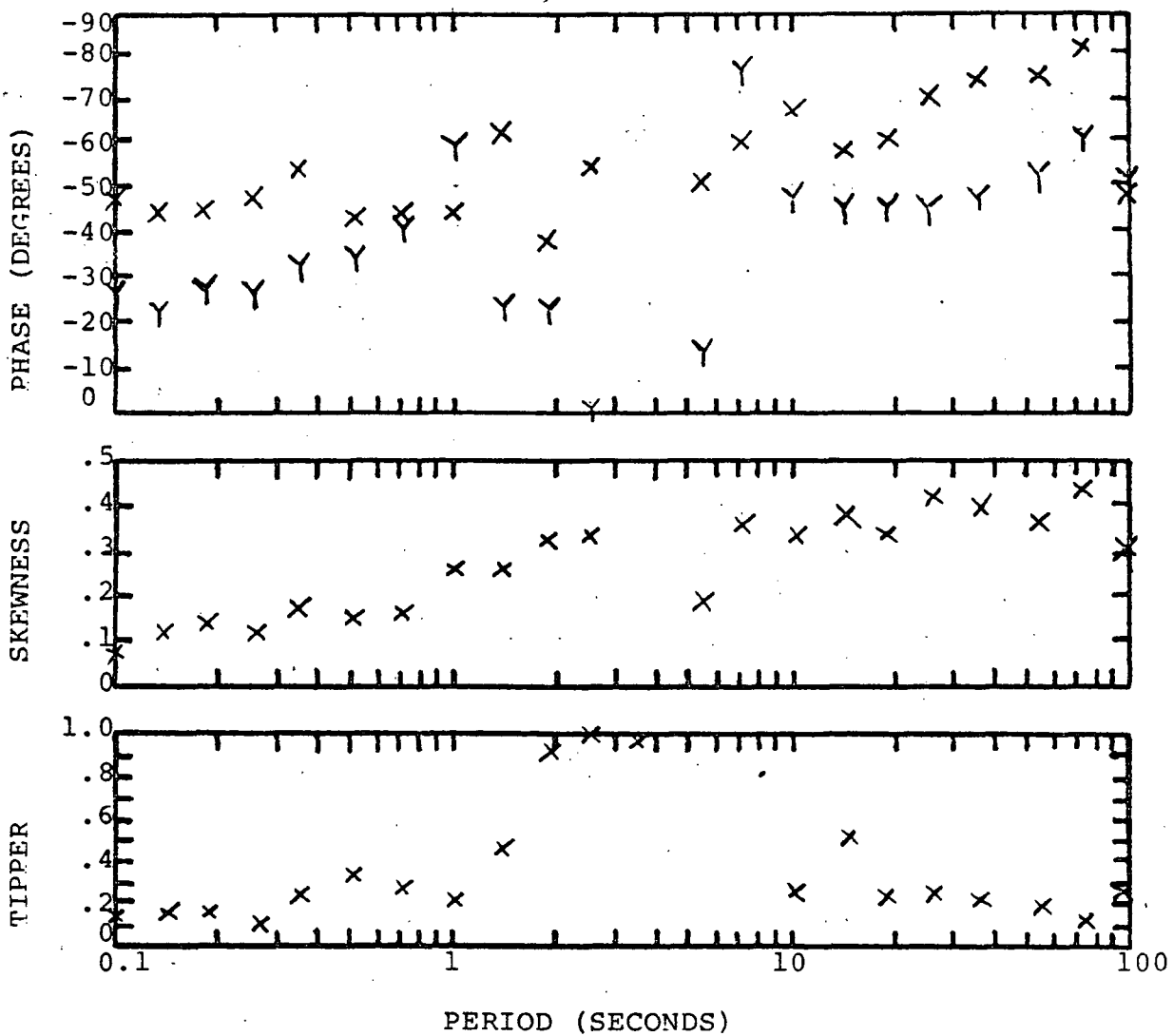
McCOY, NEVADA
STATION MI

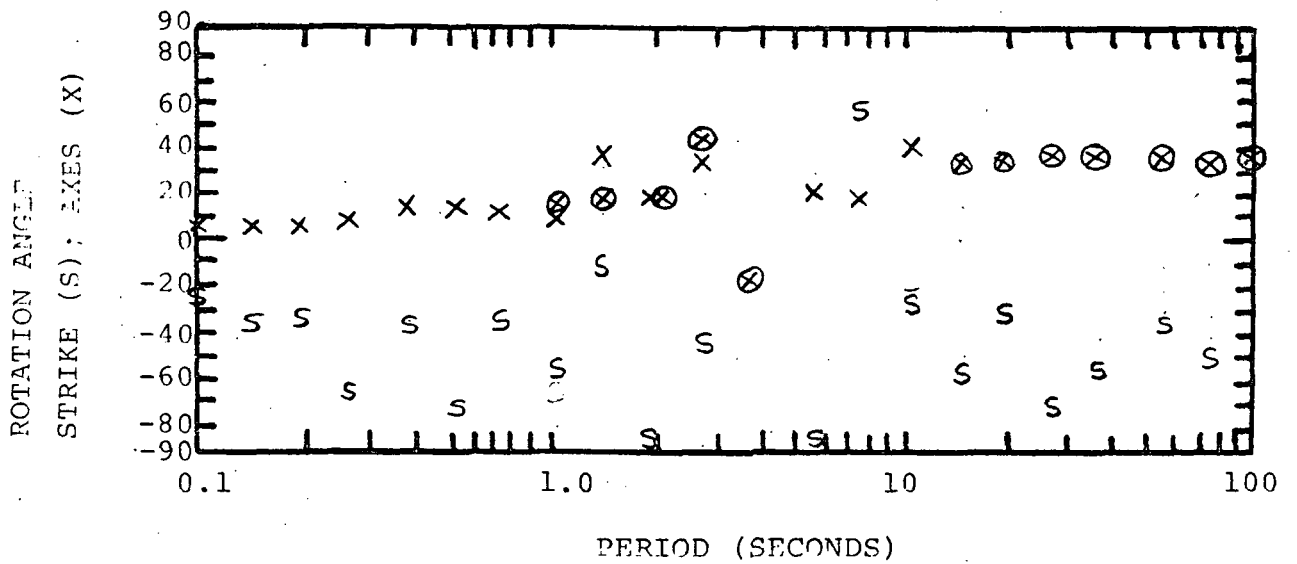
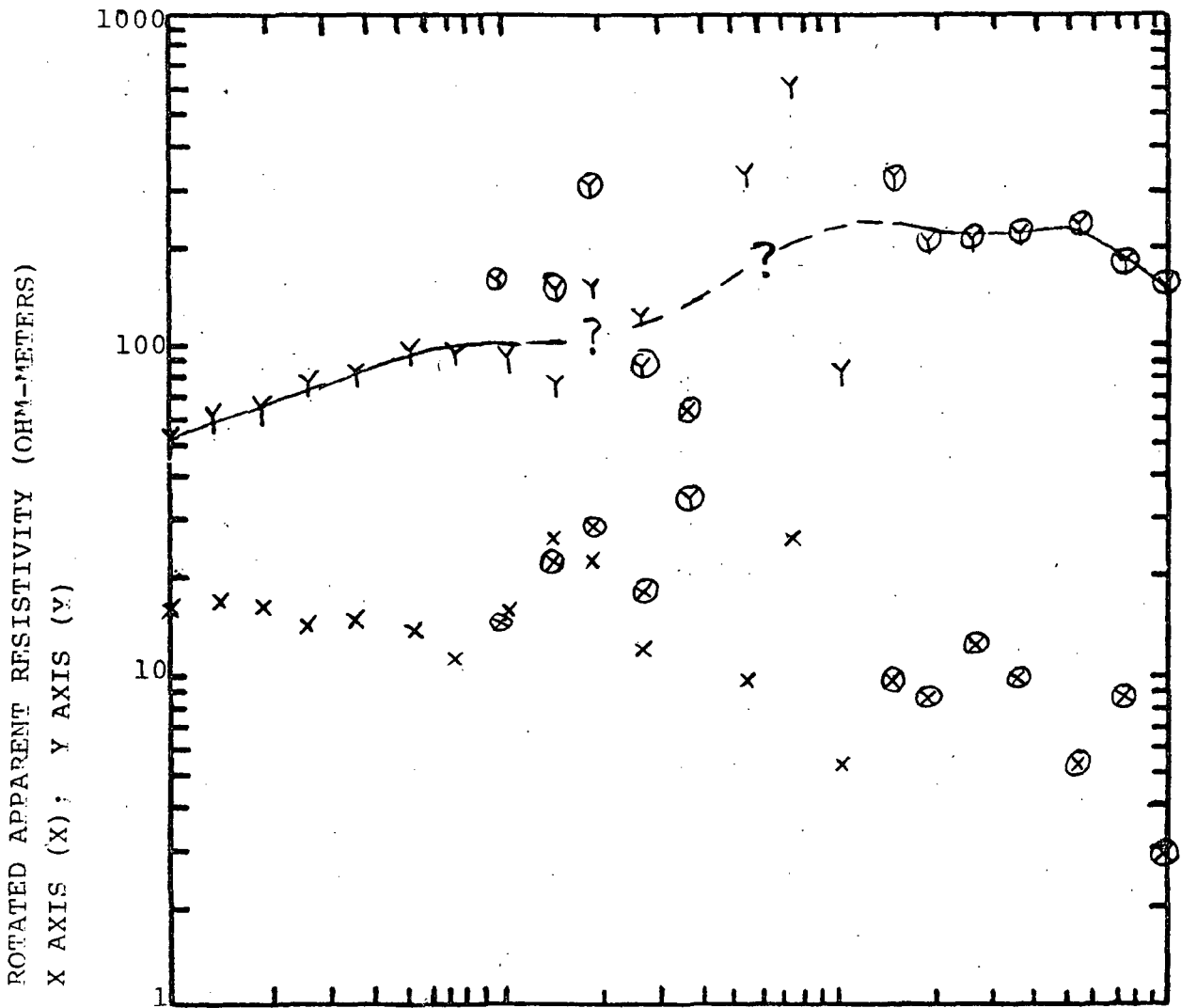


PROSPECT McCOY, NEVADA
STATION A1

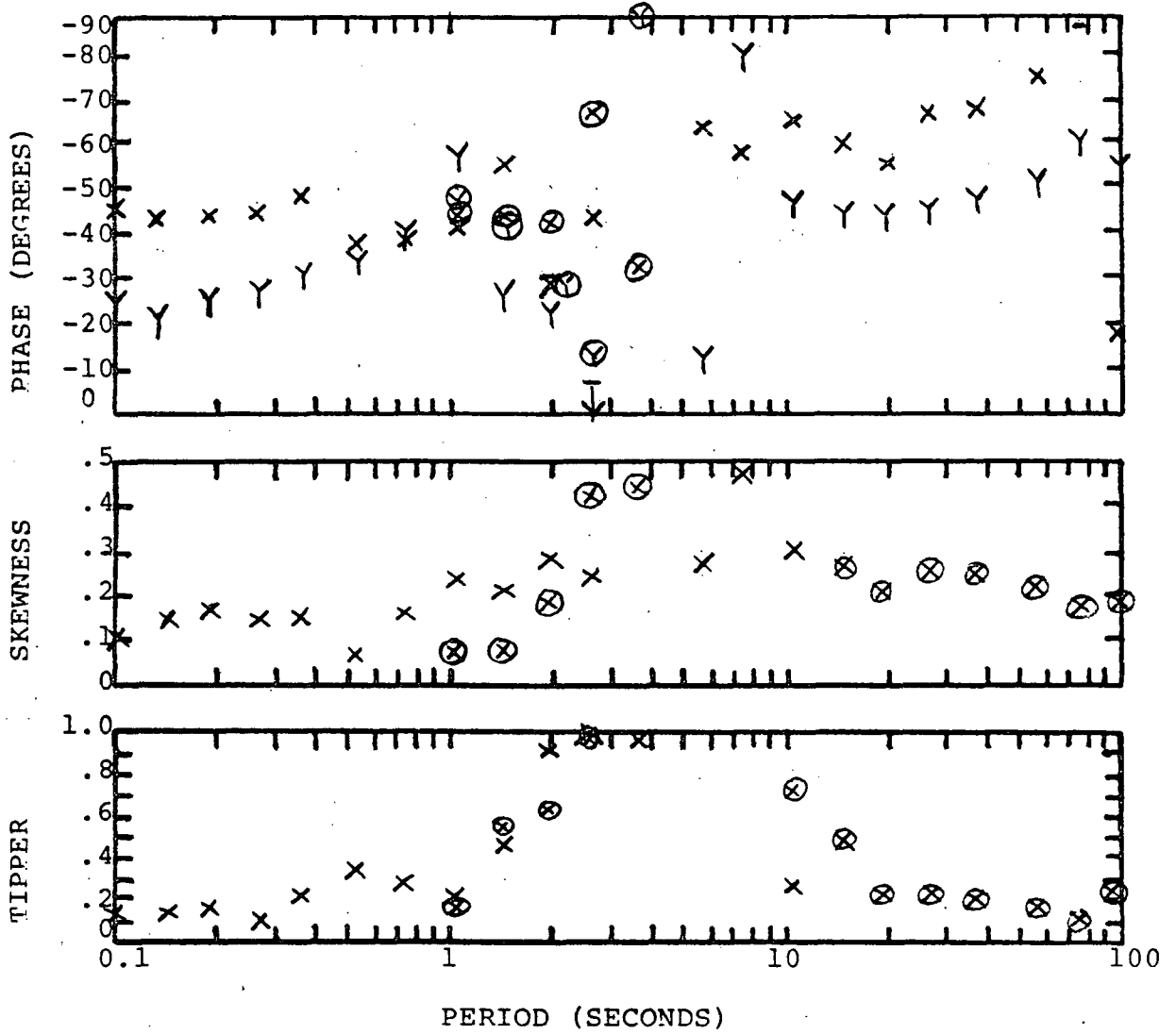


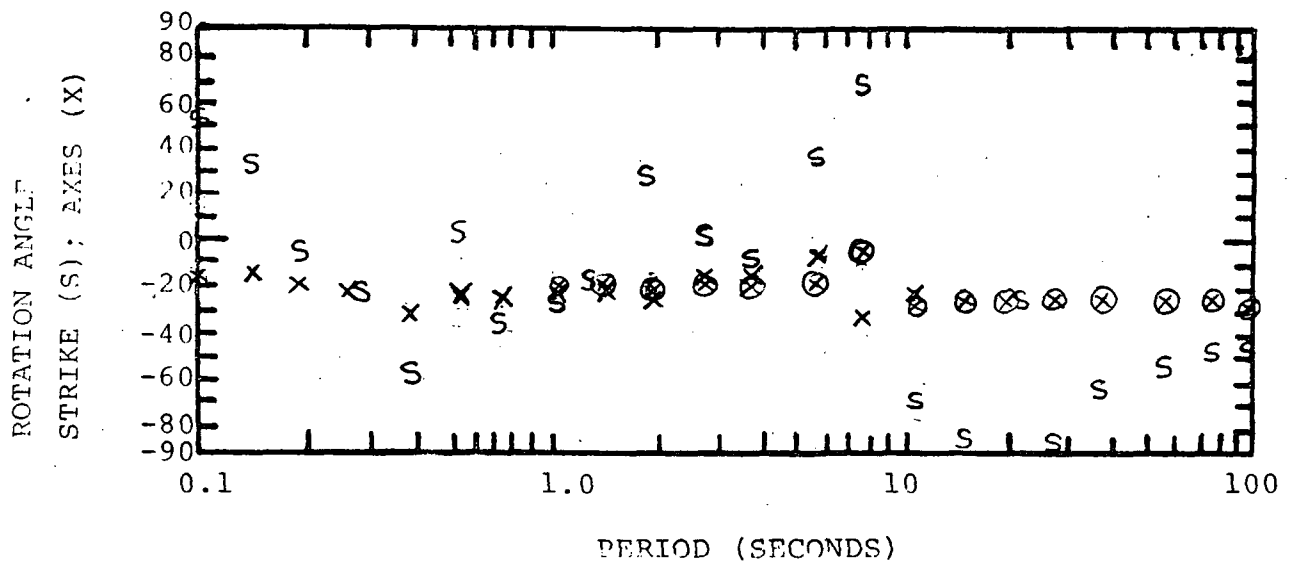
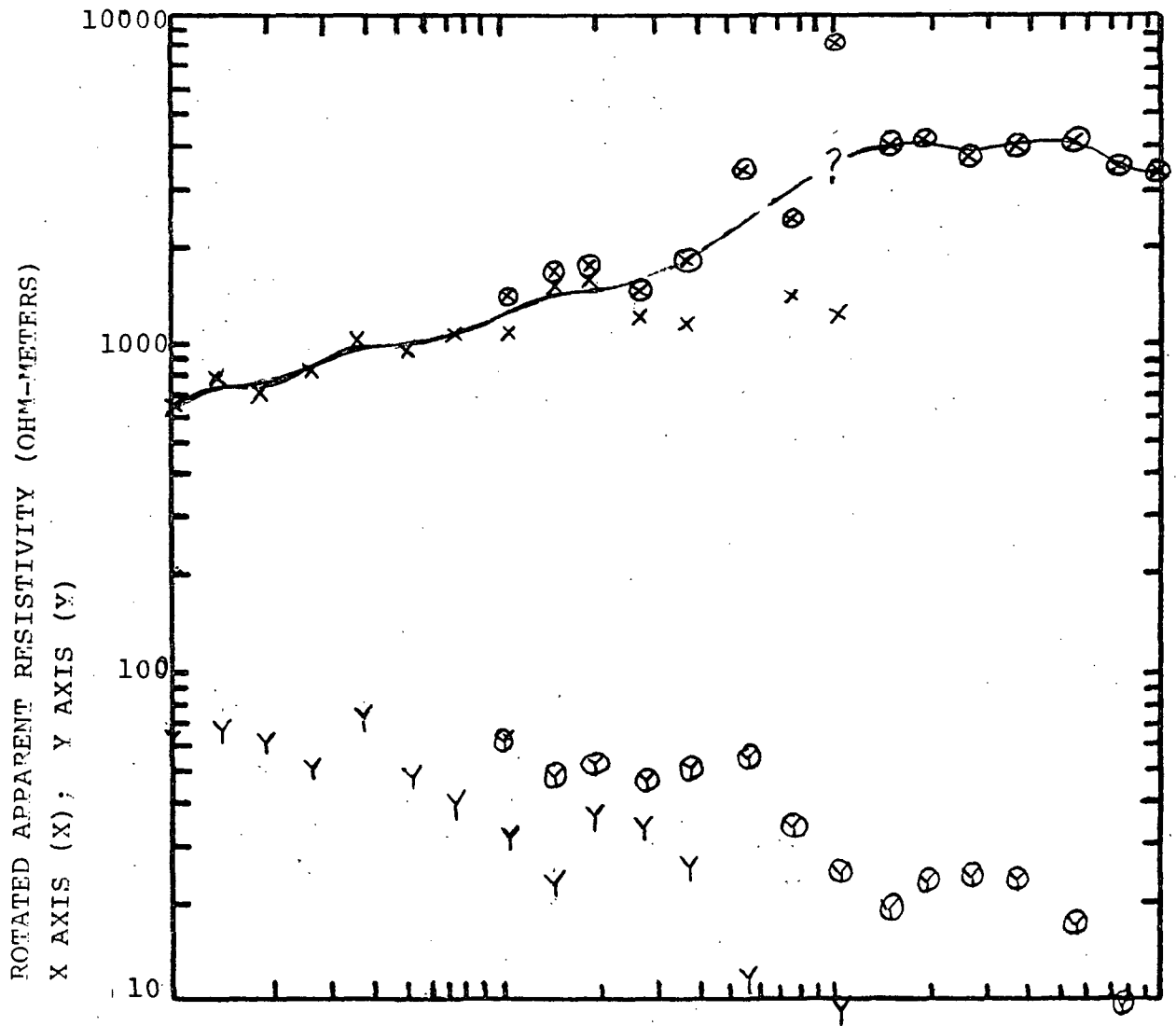
McCOY, NEVADA

STATION AI

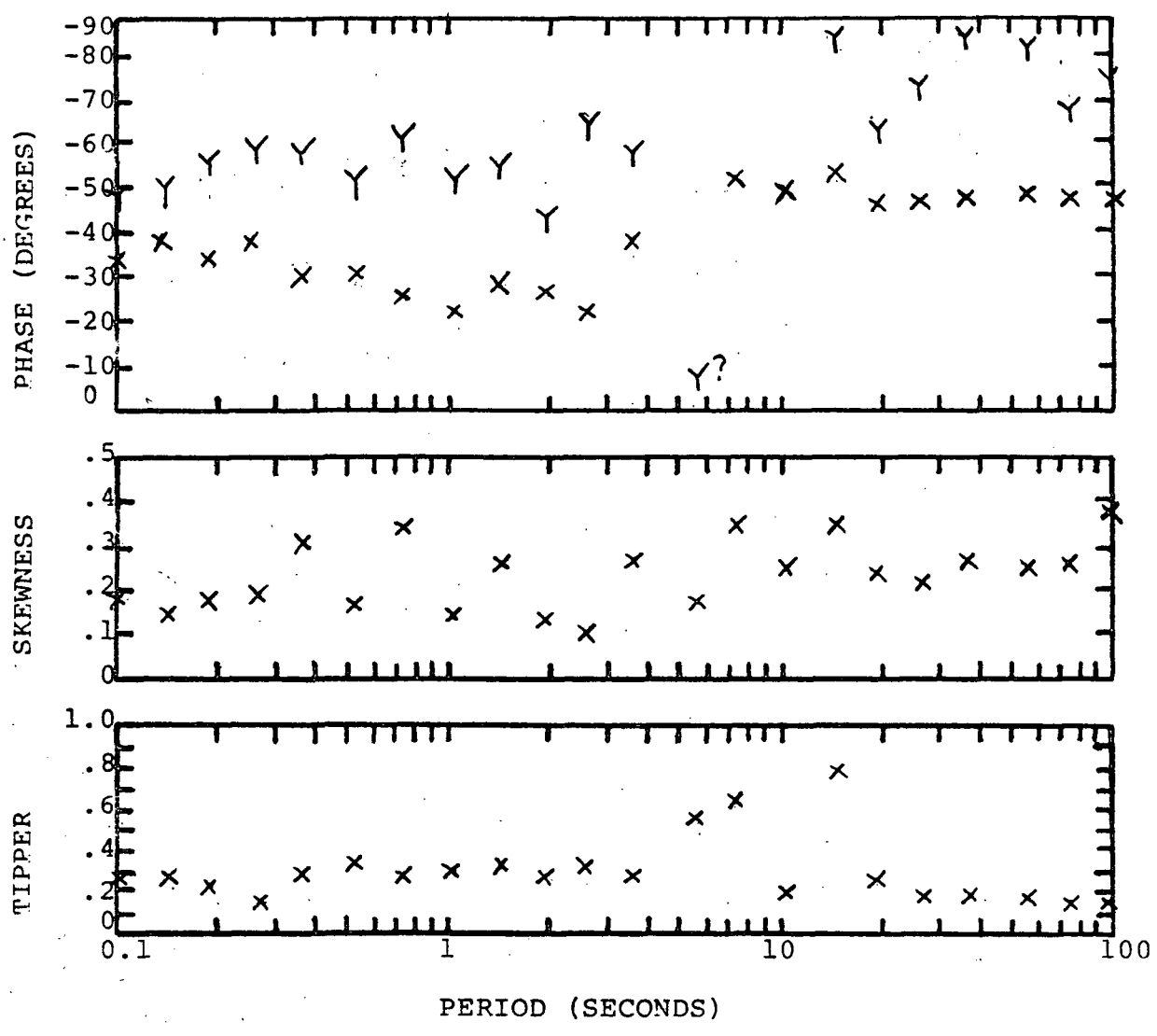


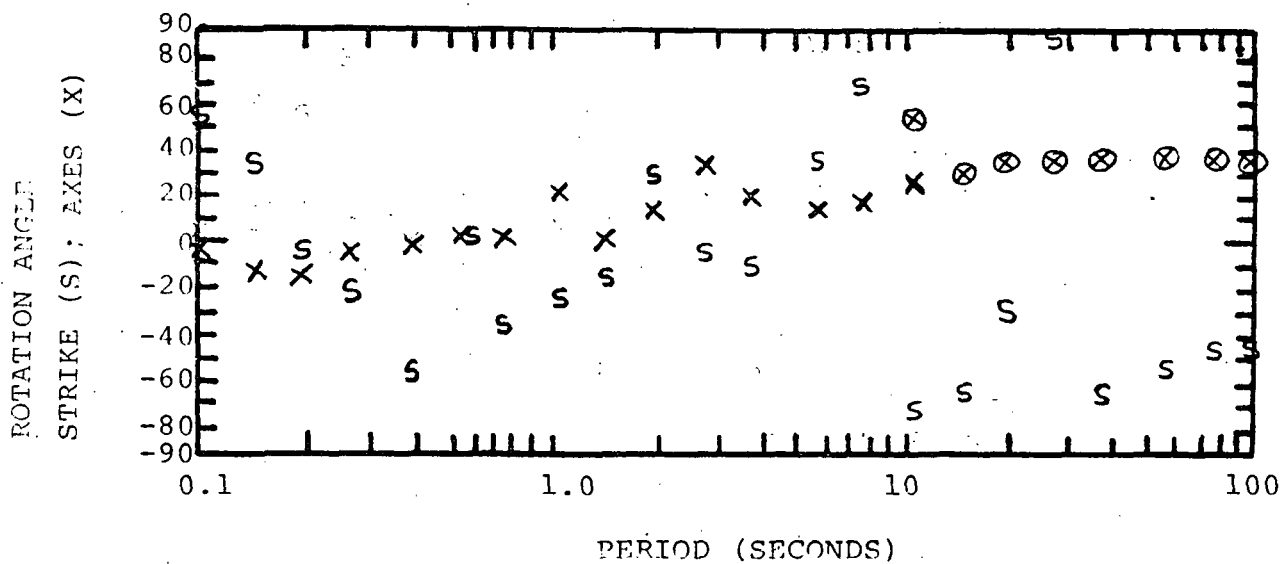
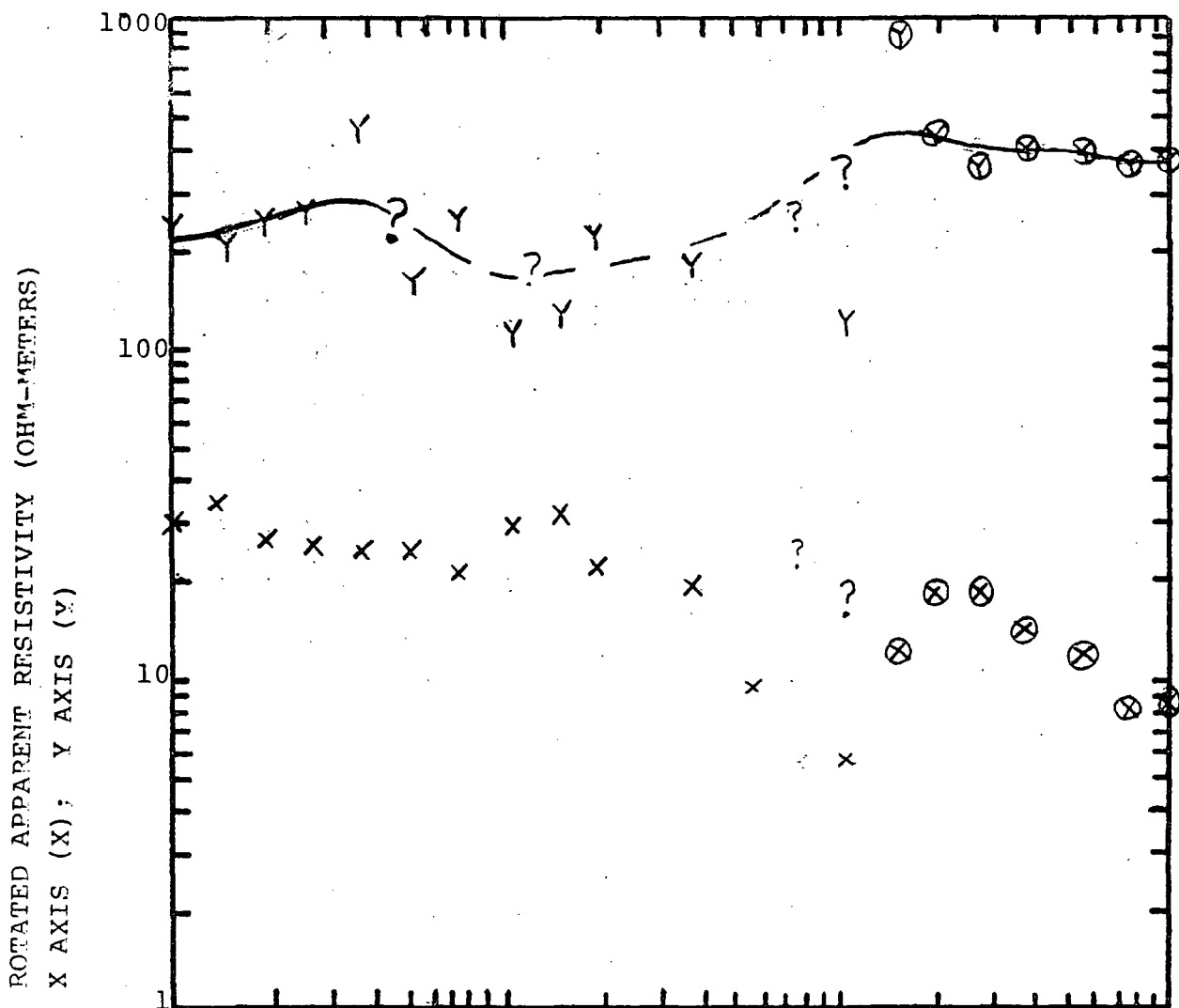
McCOY, NEVADA
 STATION B1



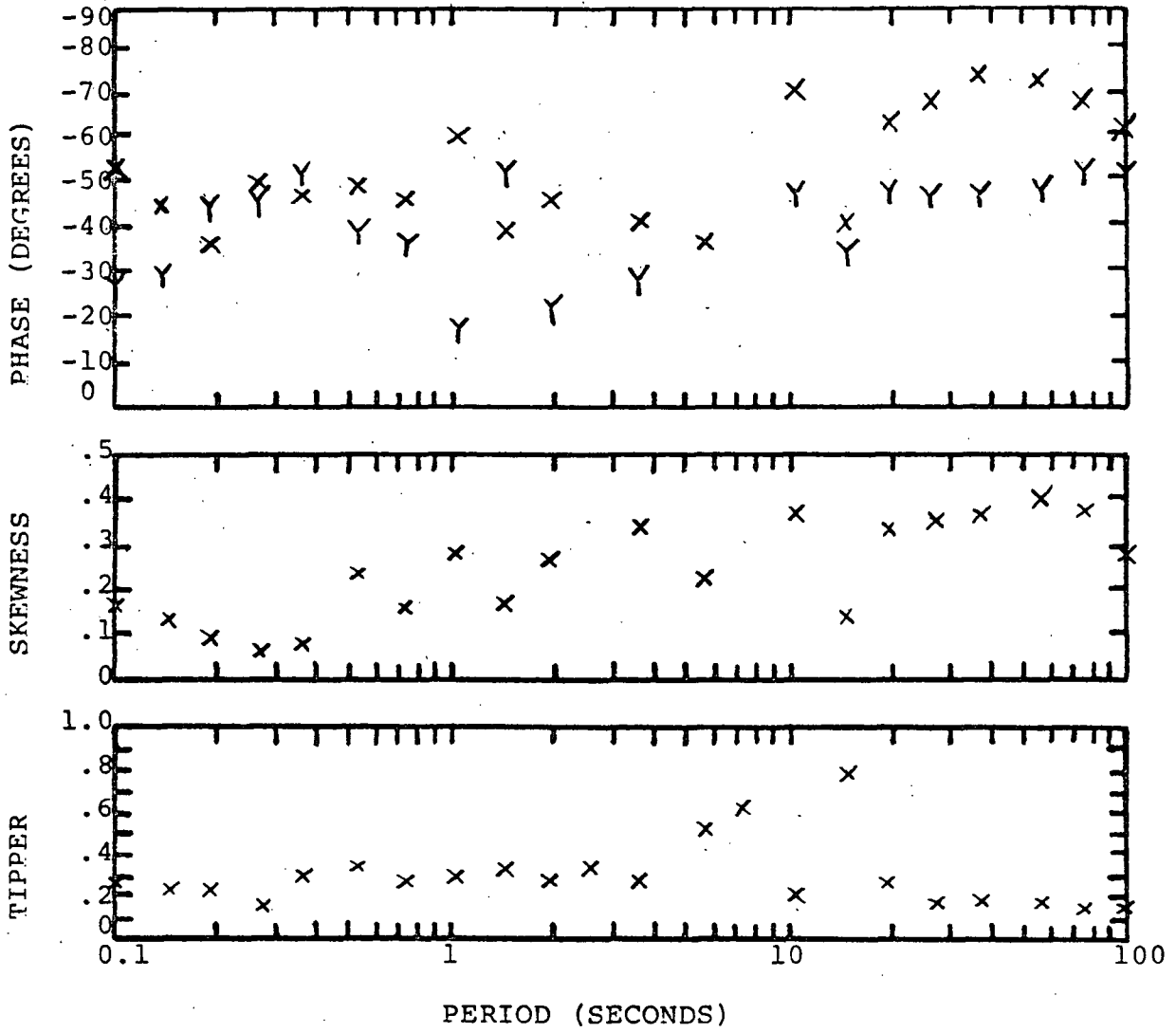


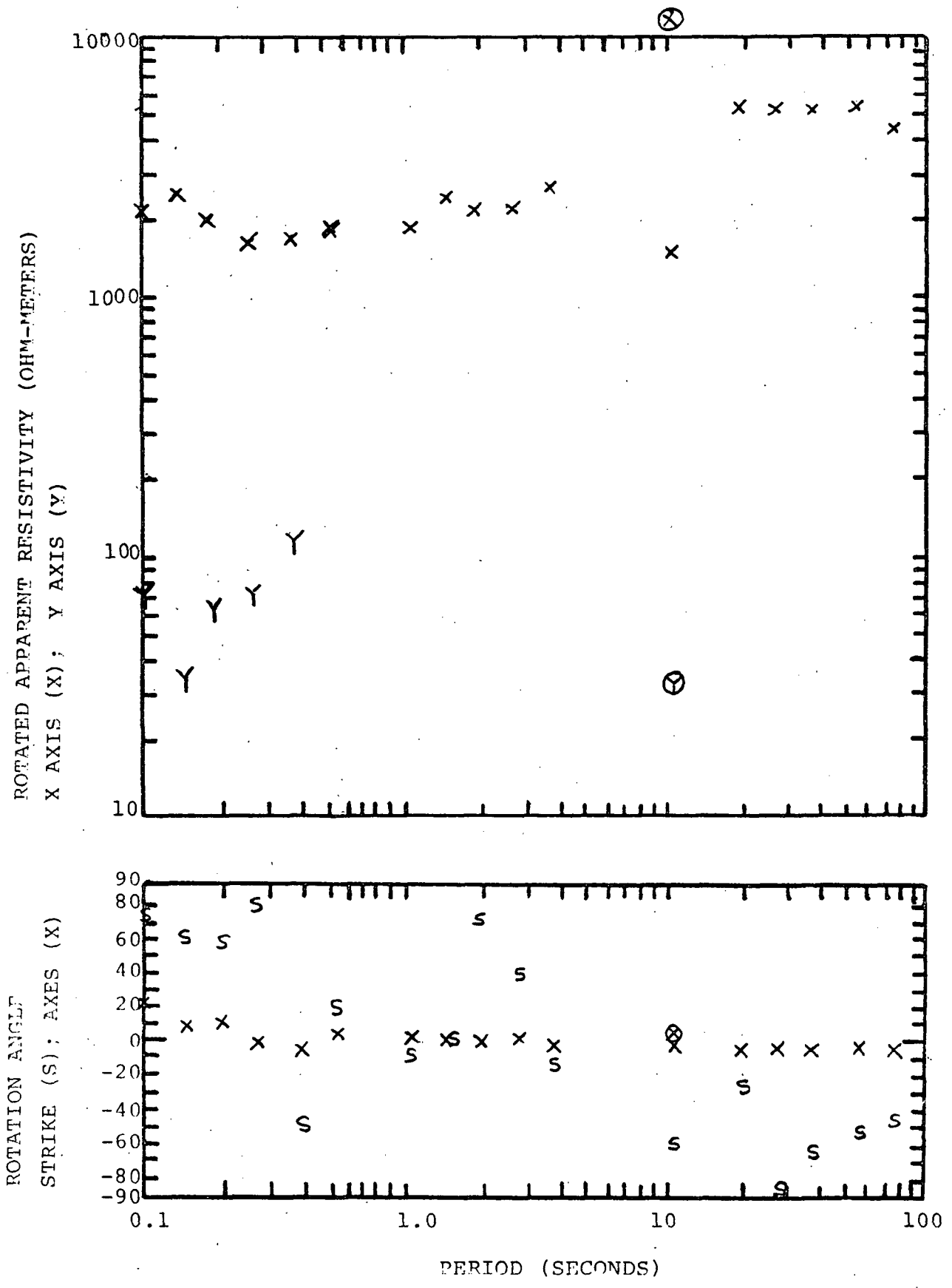
McCOY, NEVADA
STATION M2



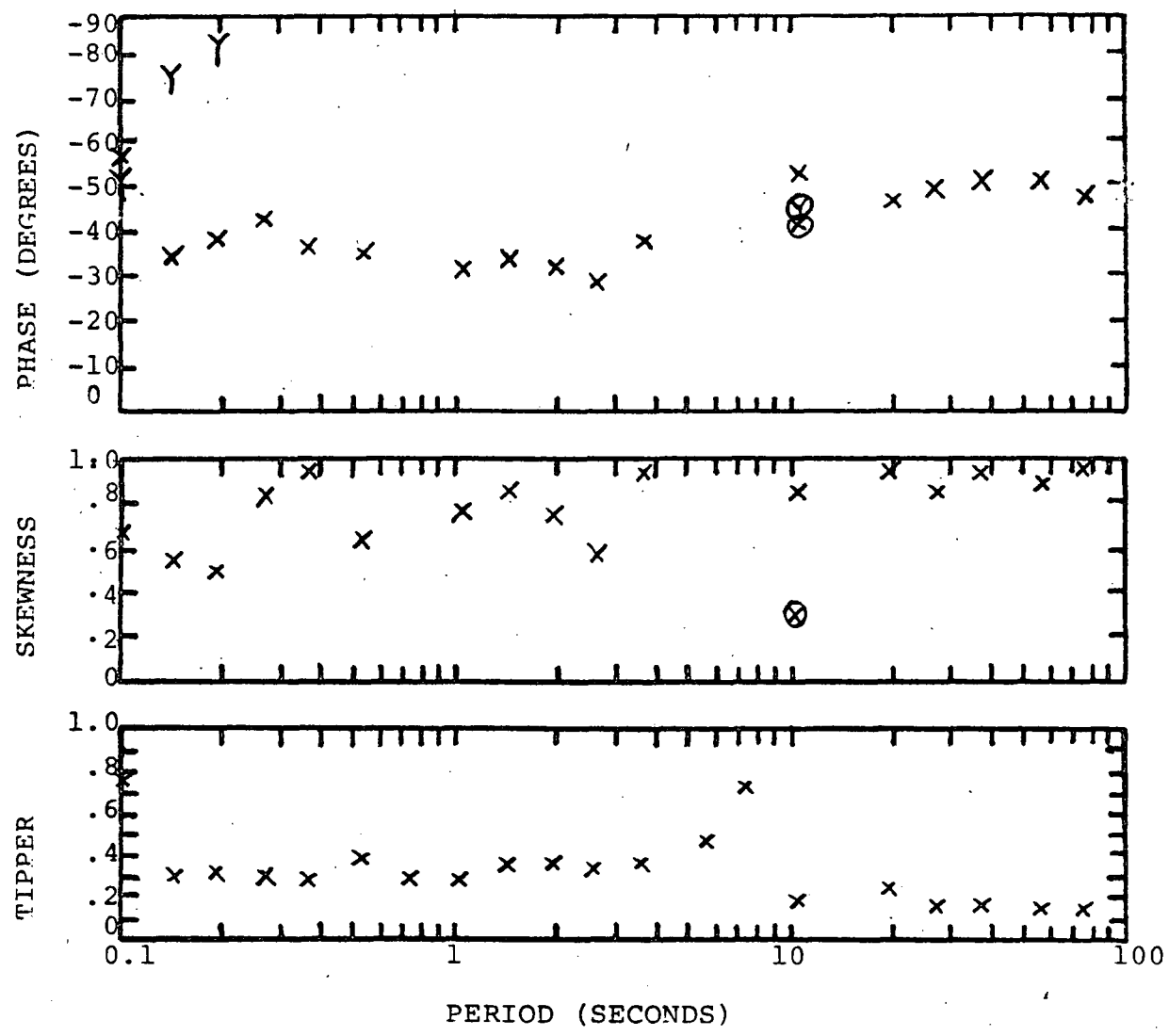


MCCOY, NEVADA
STATION A2





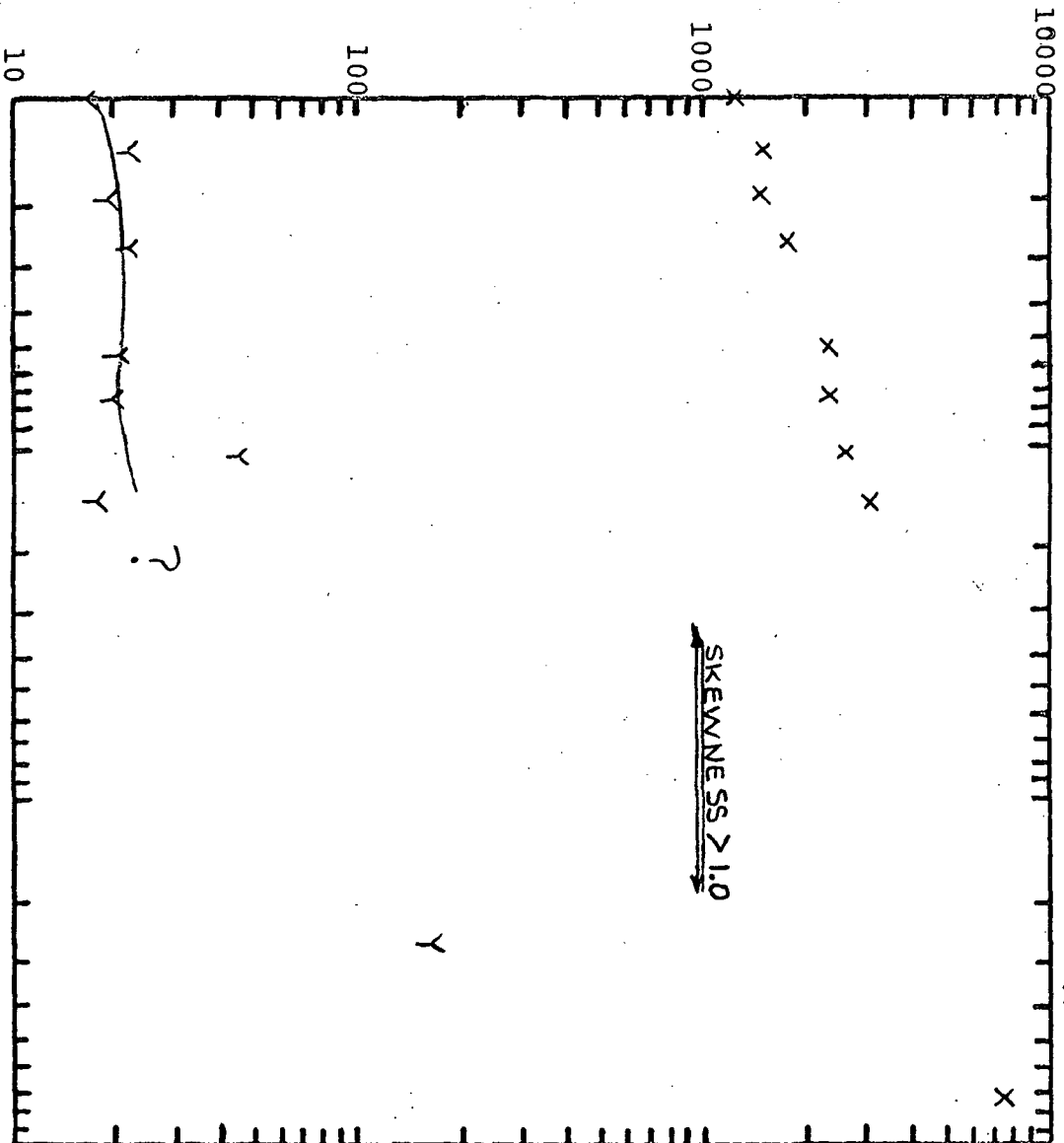
McCOY, NEVADA
STATION B2



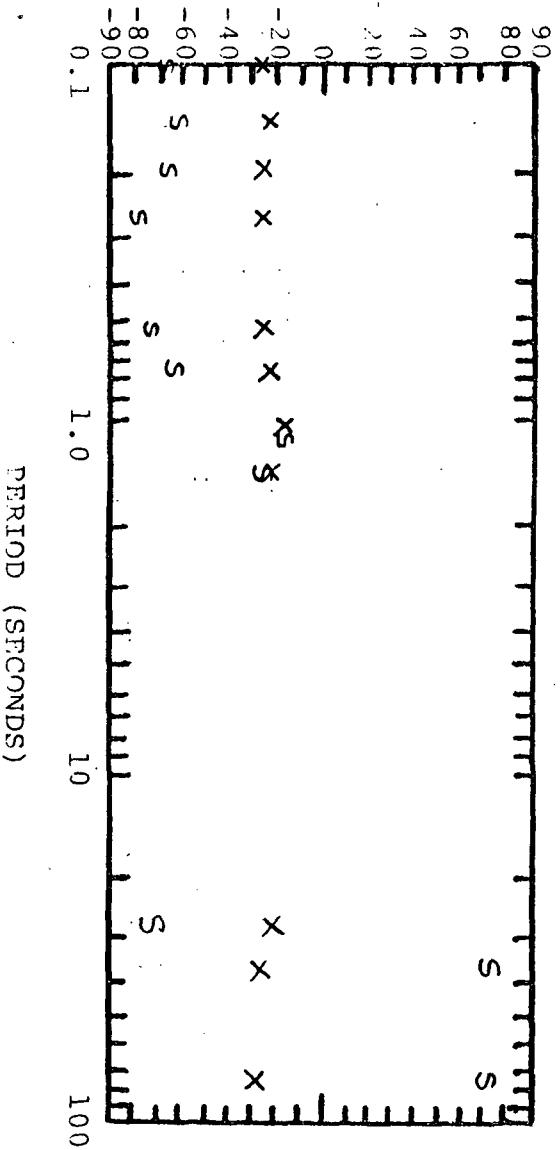
PROSPECT MCCOY, NEVADA
STATION M3

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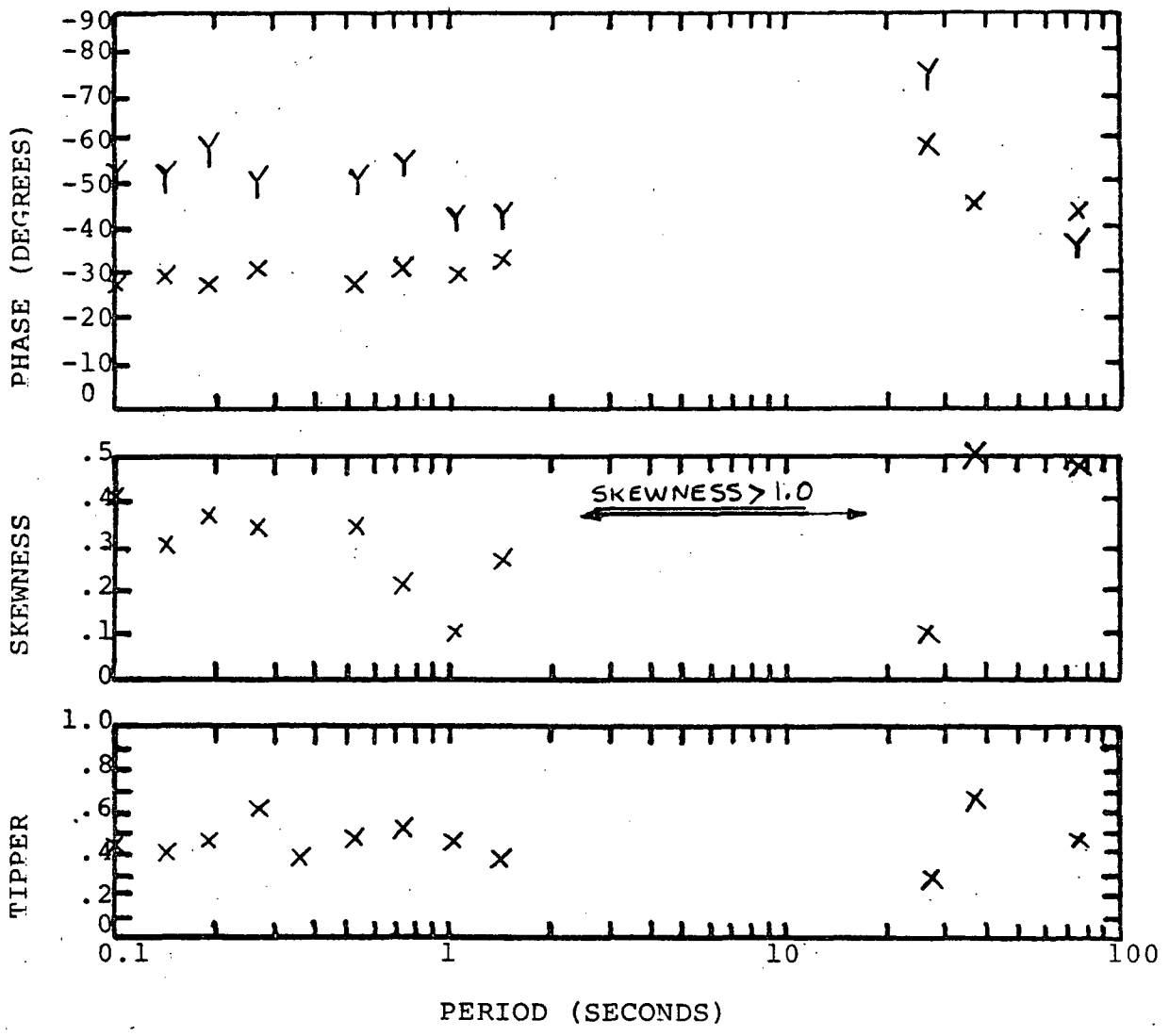
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X) : Y AXIS (Y)

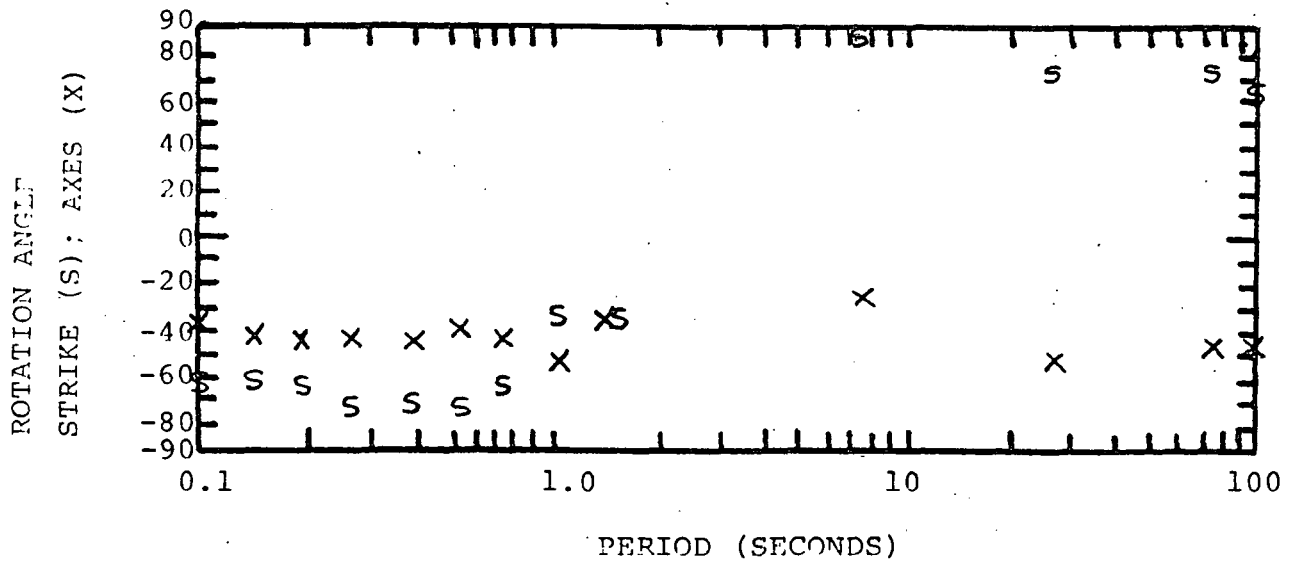
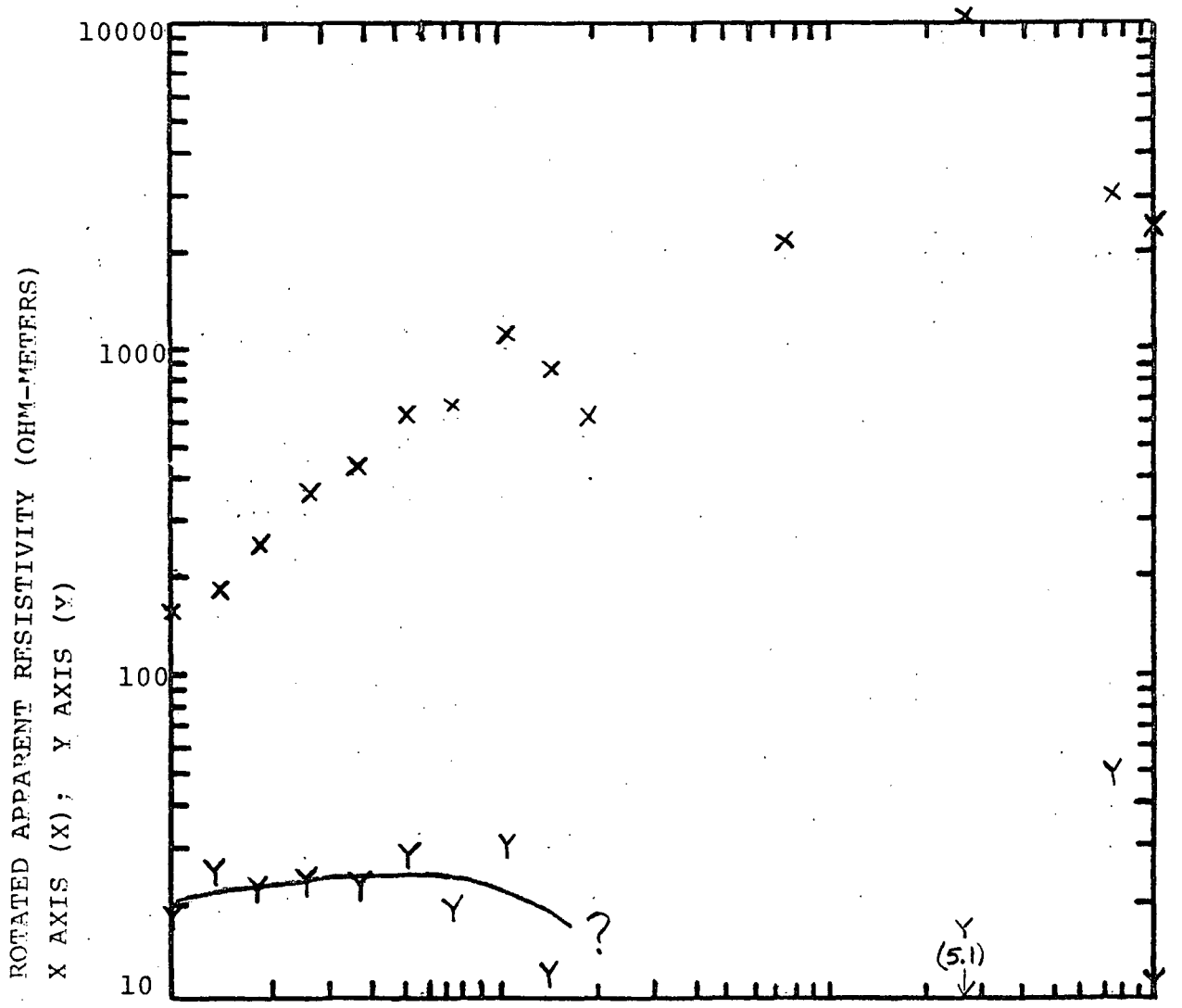


ROTATION ANGLE
STRIKE (S) : AXES (X)



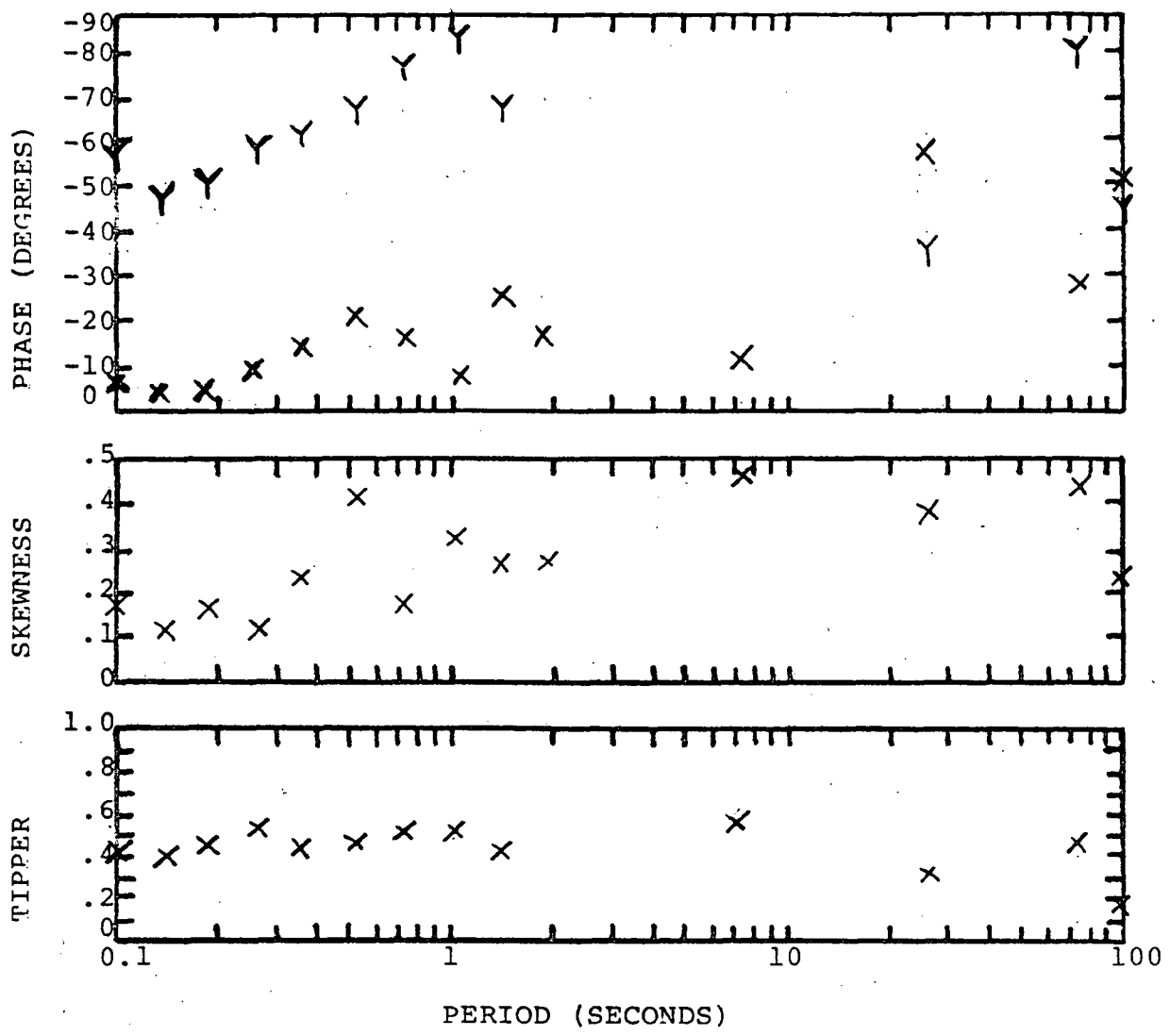
McCOY, NEVADA
STATION M3





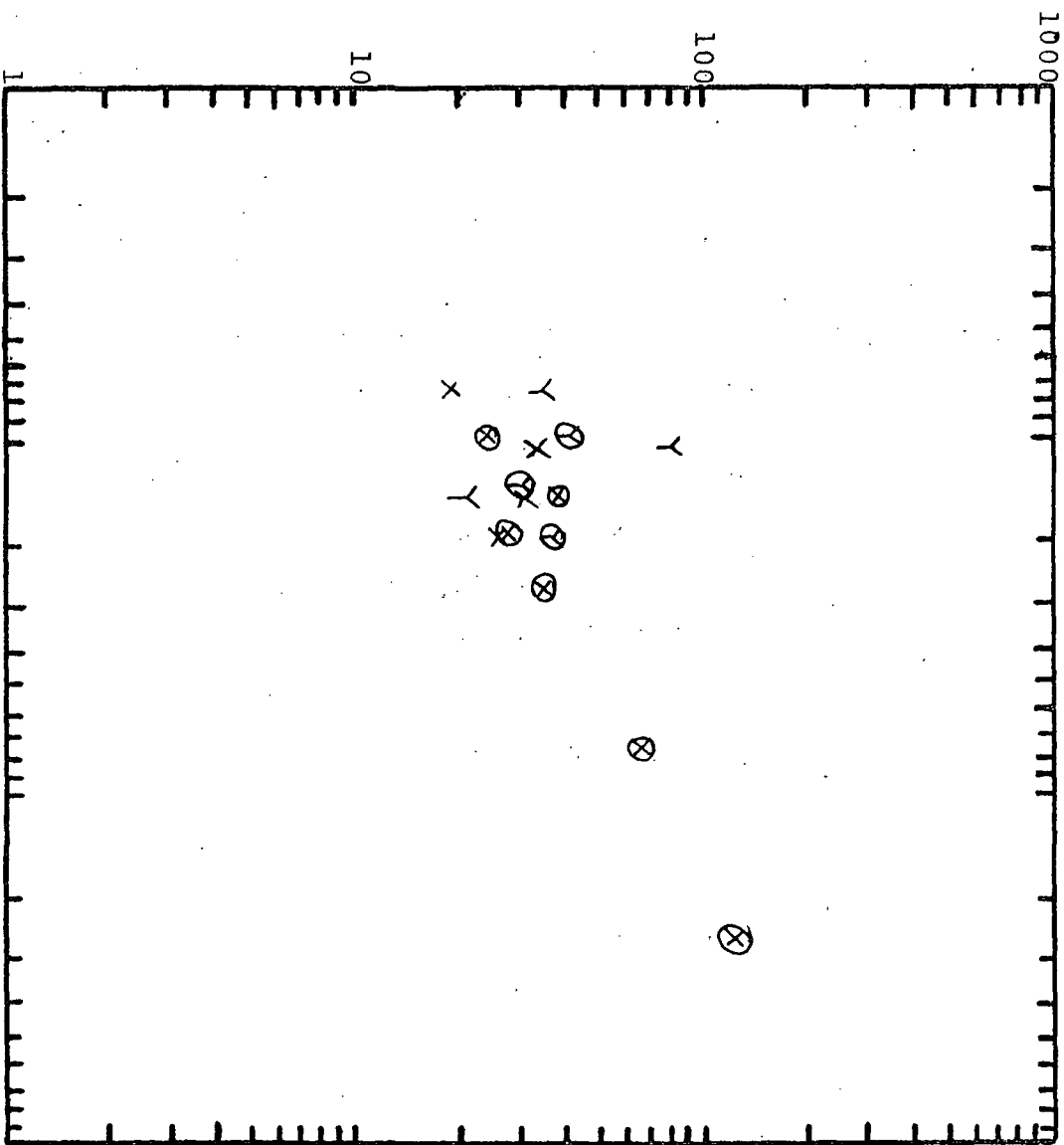
PERIOD (SECONDS)

MCCOY, NEVADA
STATION A3

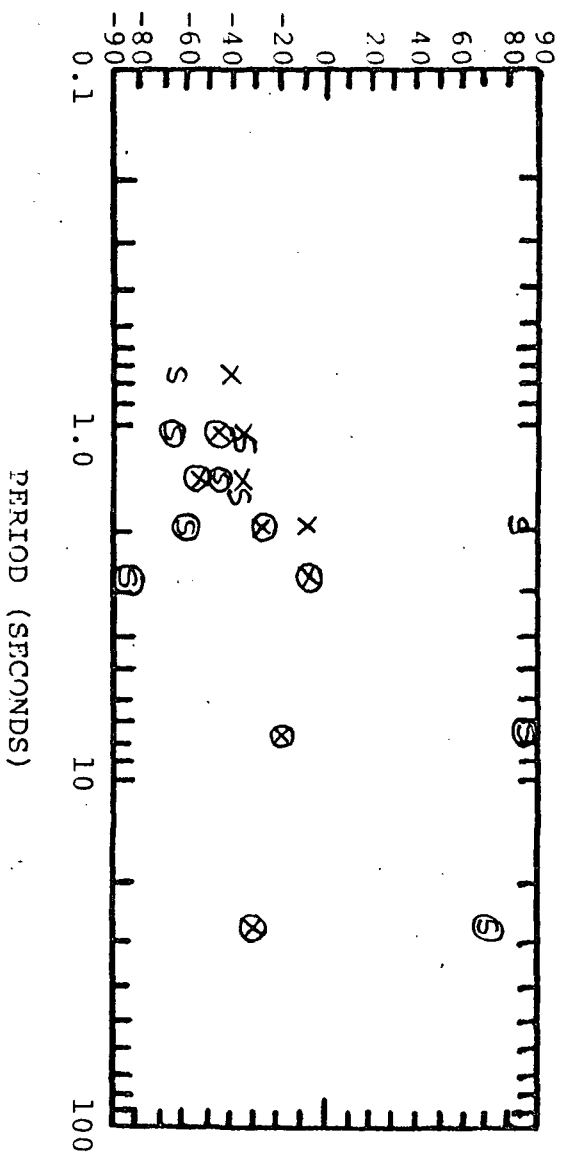


PROSPECT MCCOY, NEVADA
STATION B3

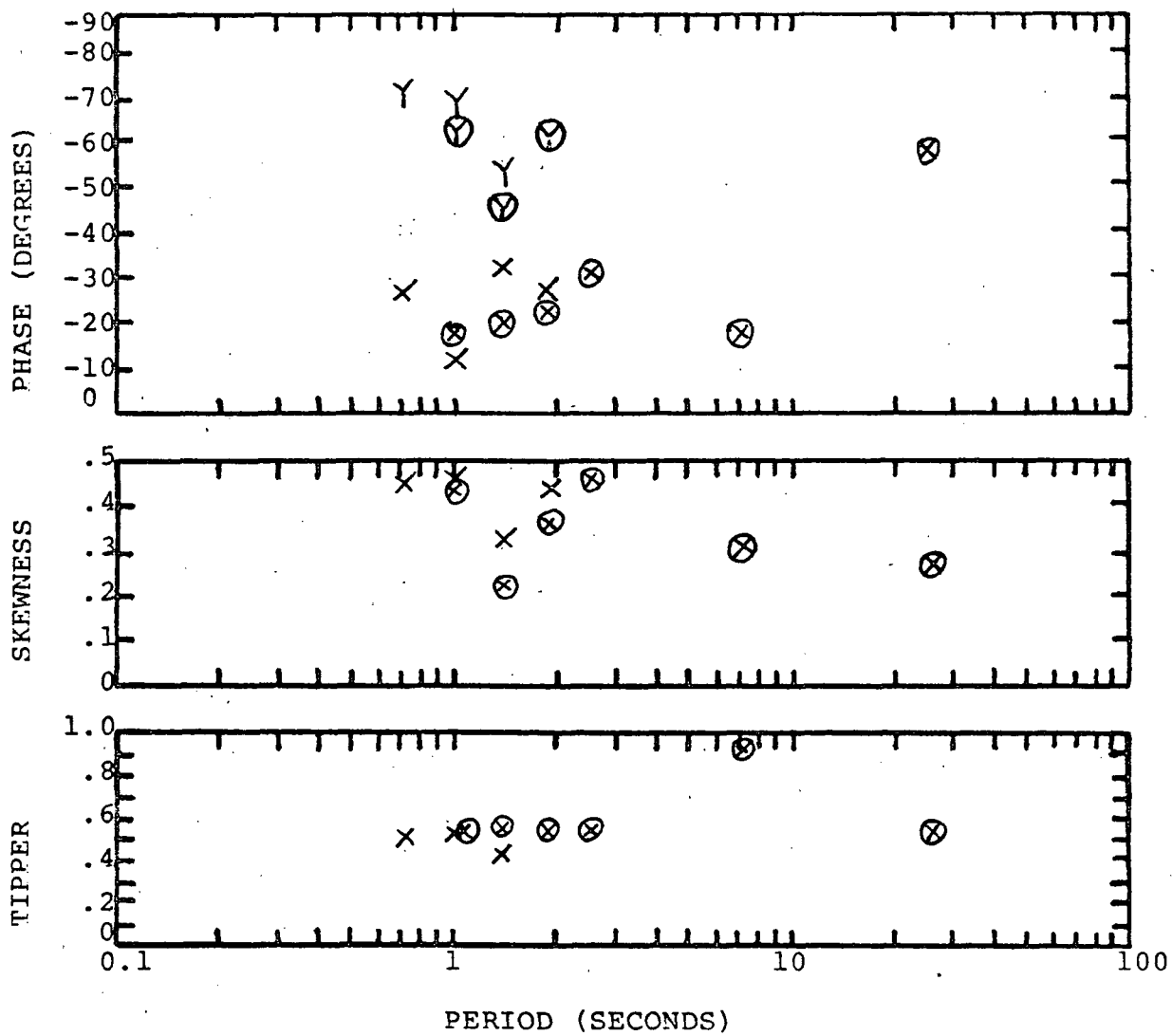
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



ROTATION ANGLE
STRIKE (S); AXES (X)

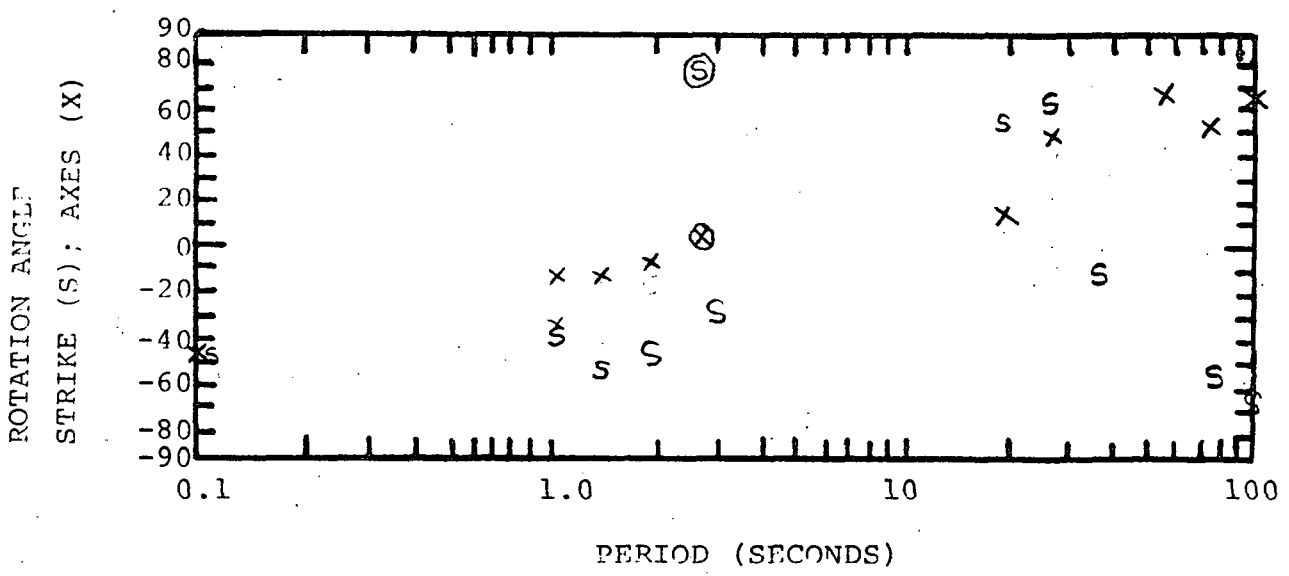
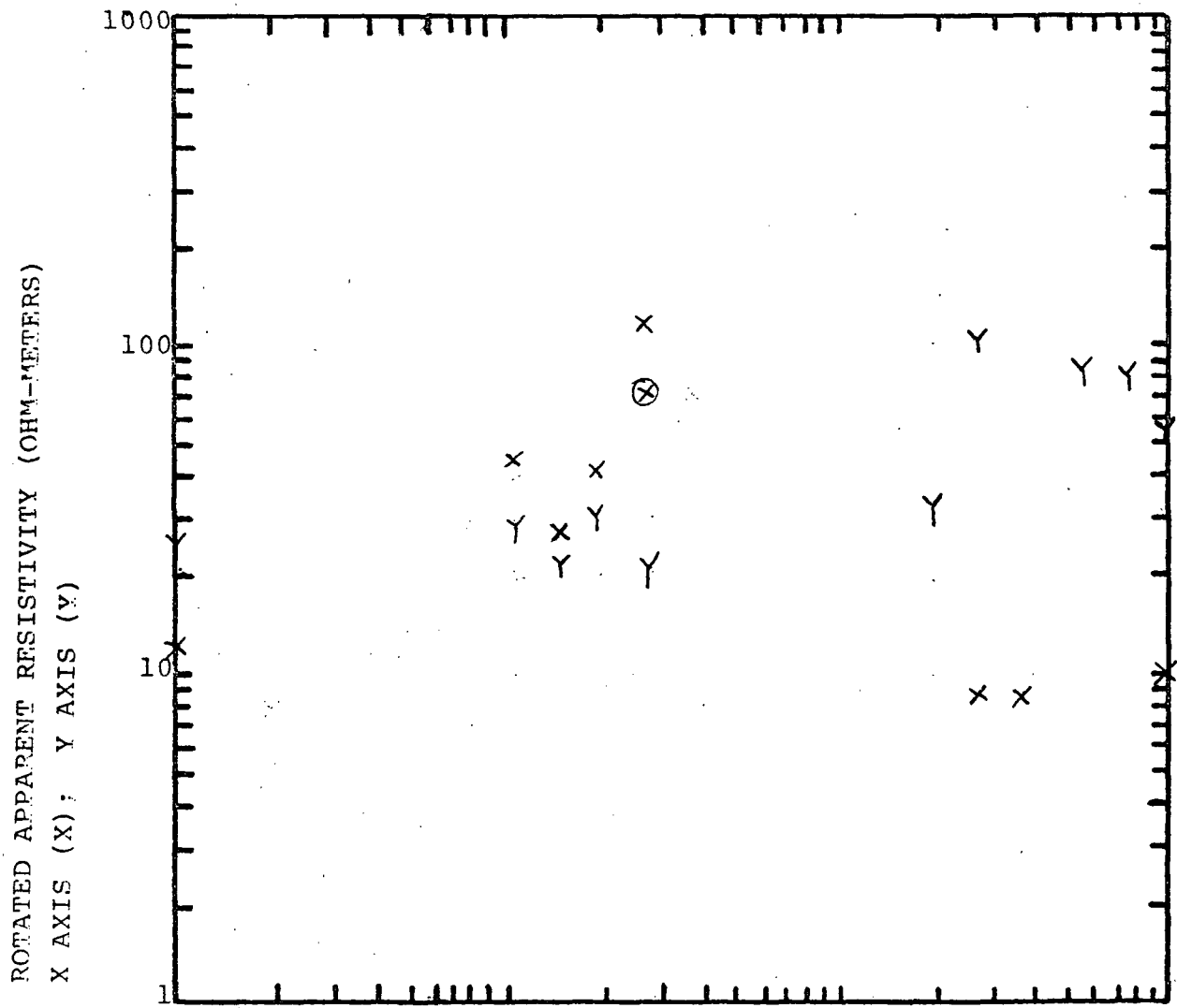


MCCOY, NEVADA

STATION B3

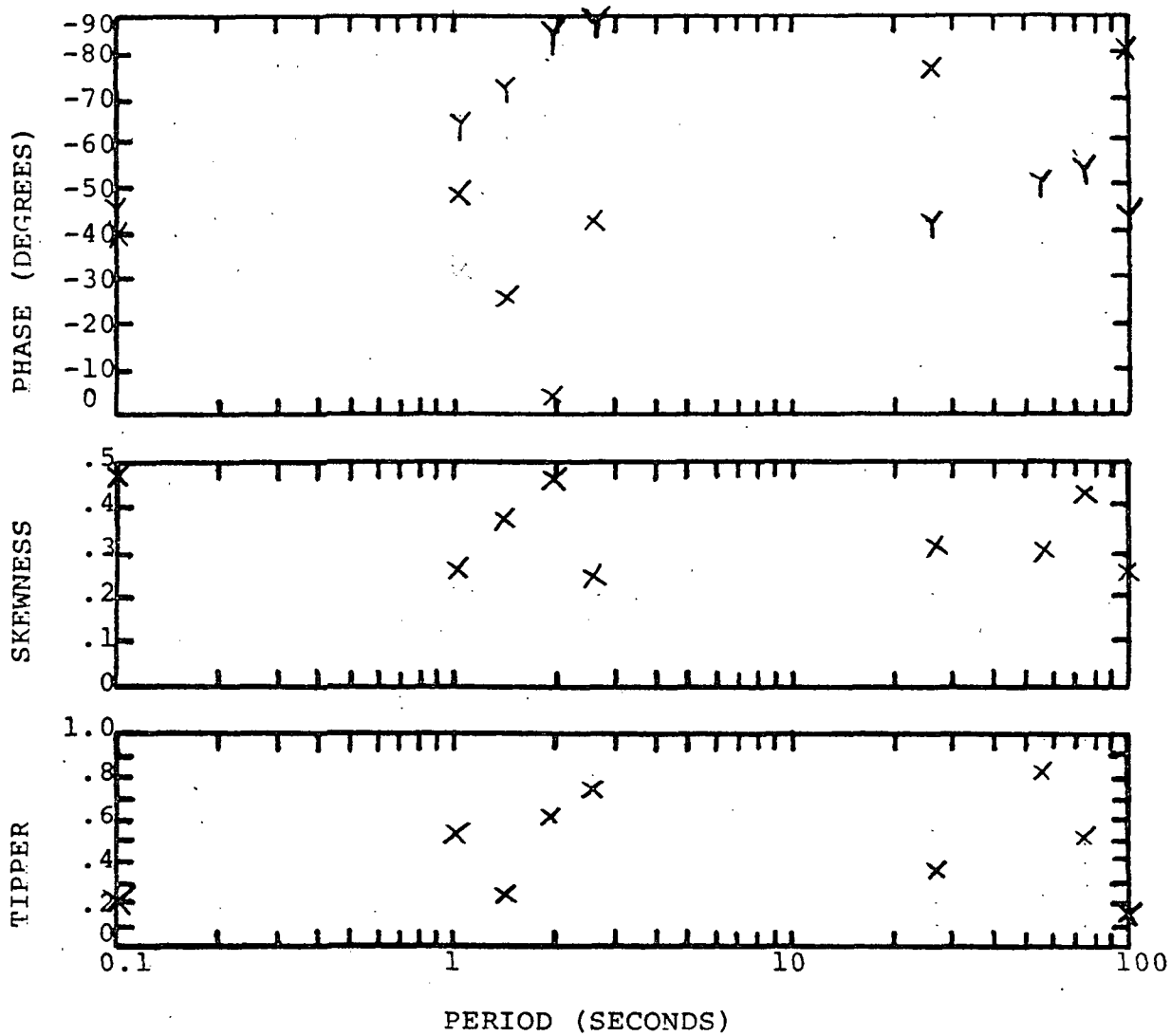
PROSPECT McCOY, NEVADA

STATION M4



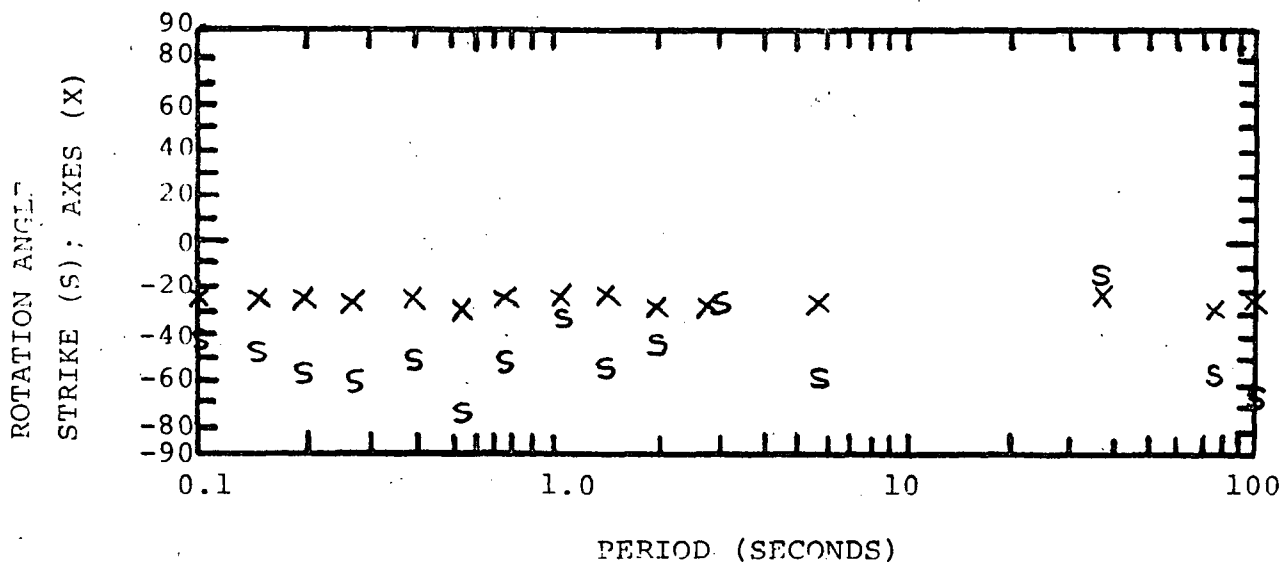
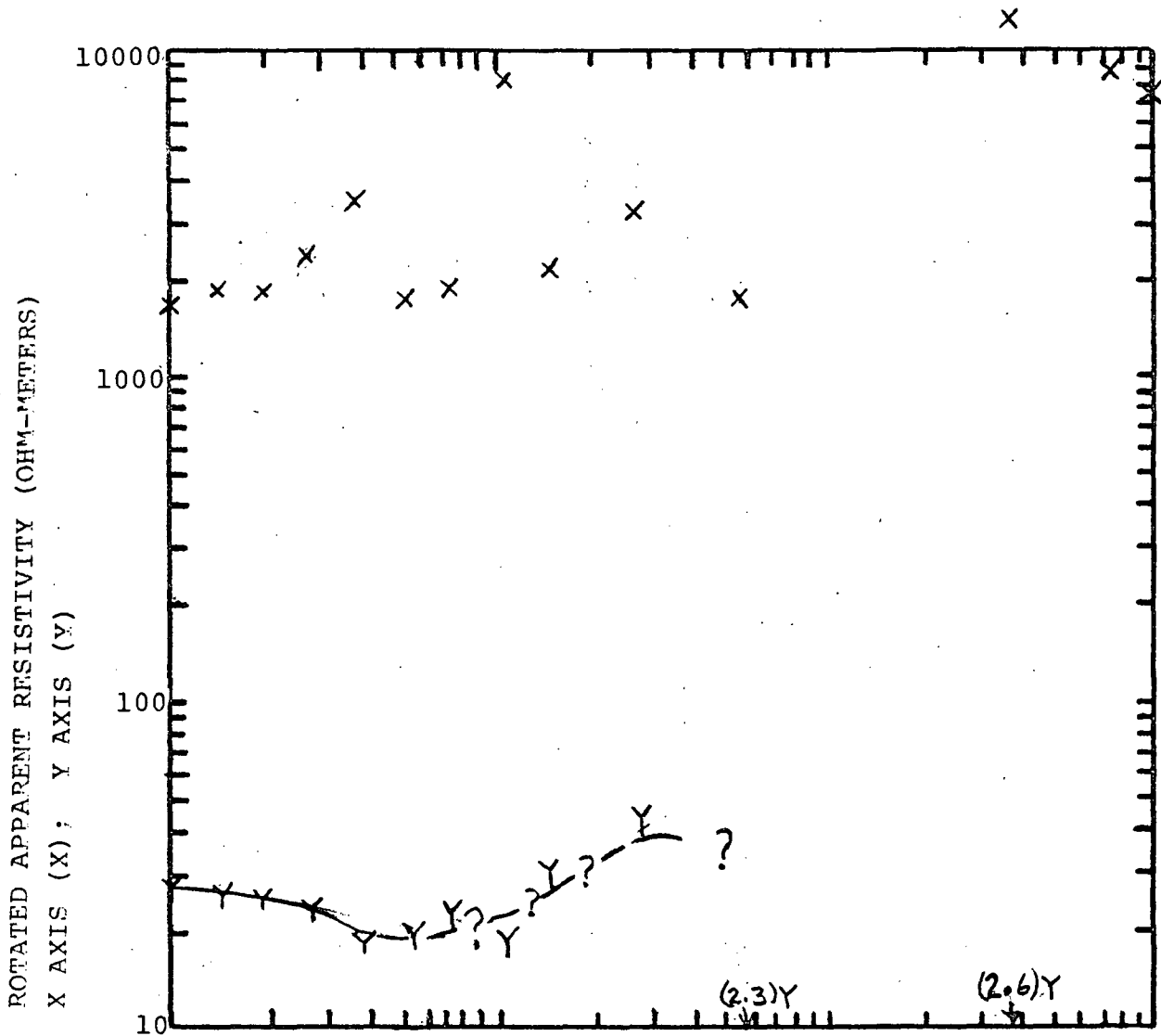
PERIOD (SECONDS)

MCCOY, NEVADA

STATION M4

PROSPECT McCOY, NEVADA

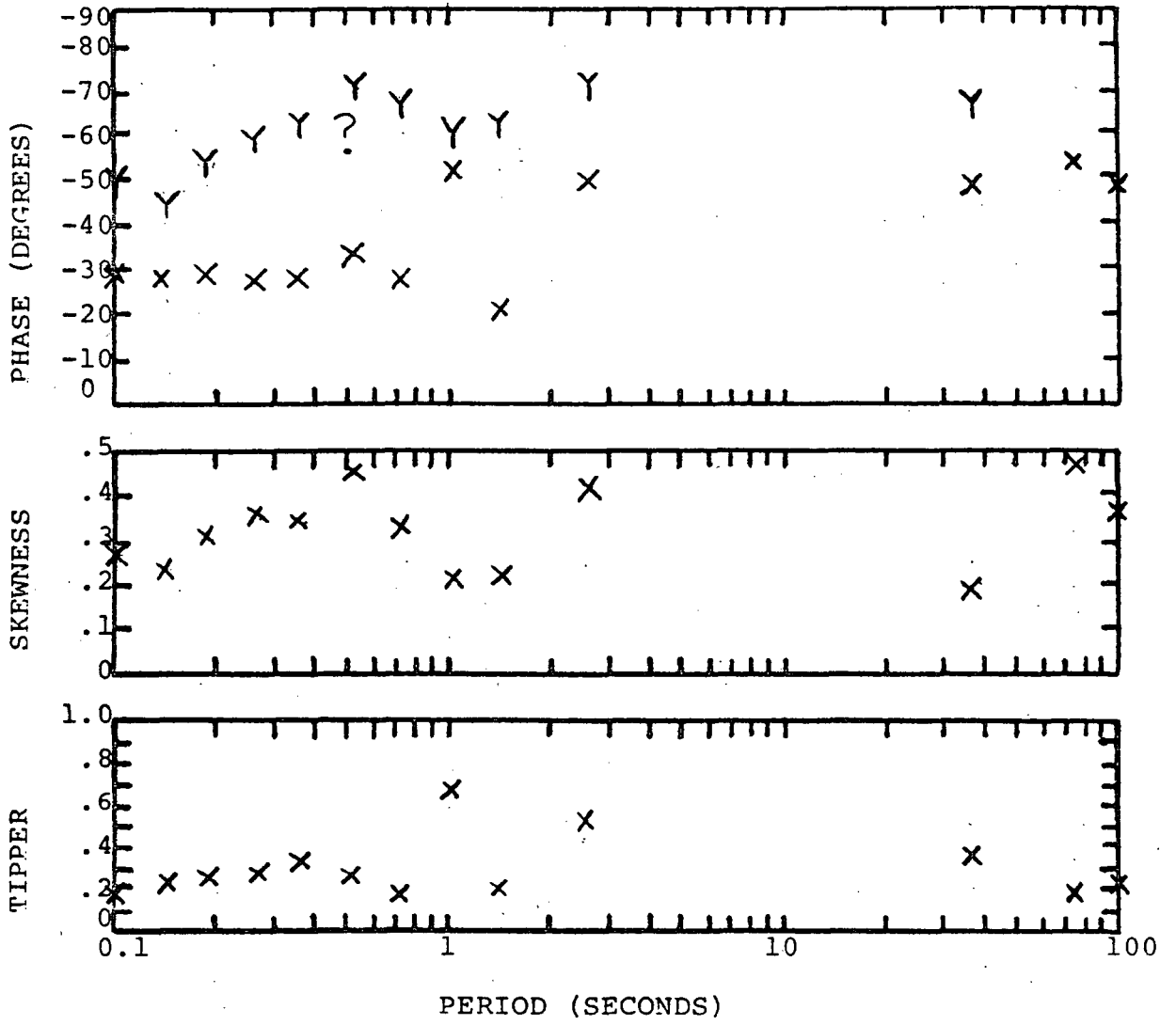
STATION A4



PERIOD (SECONDS)

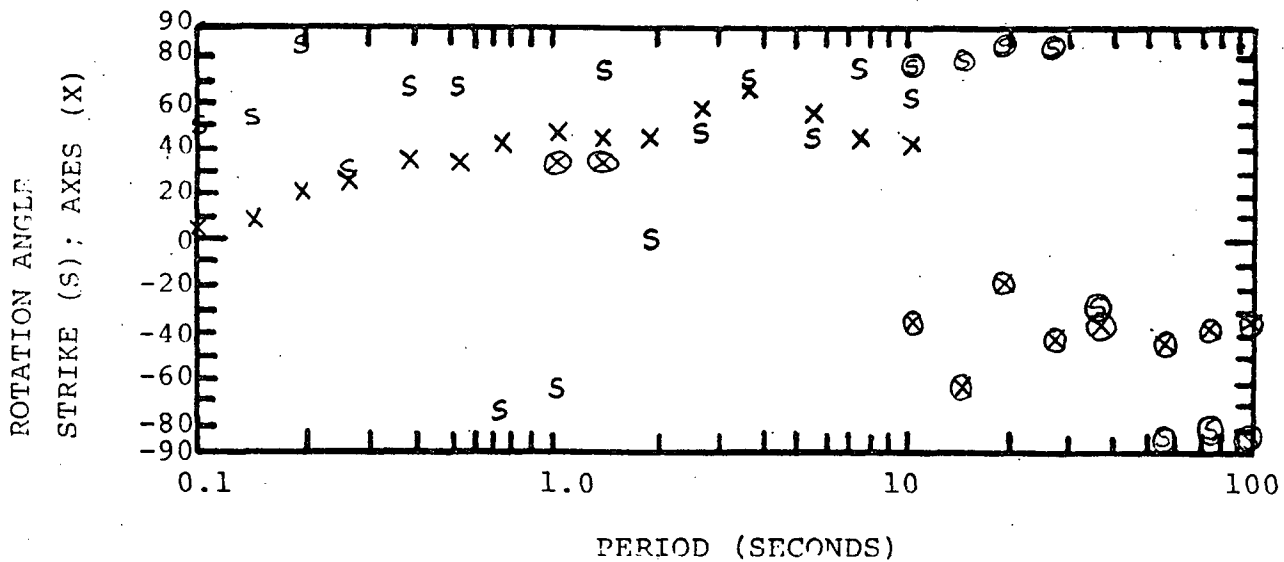
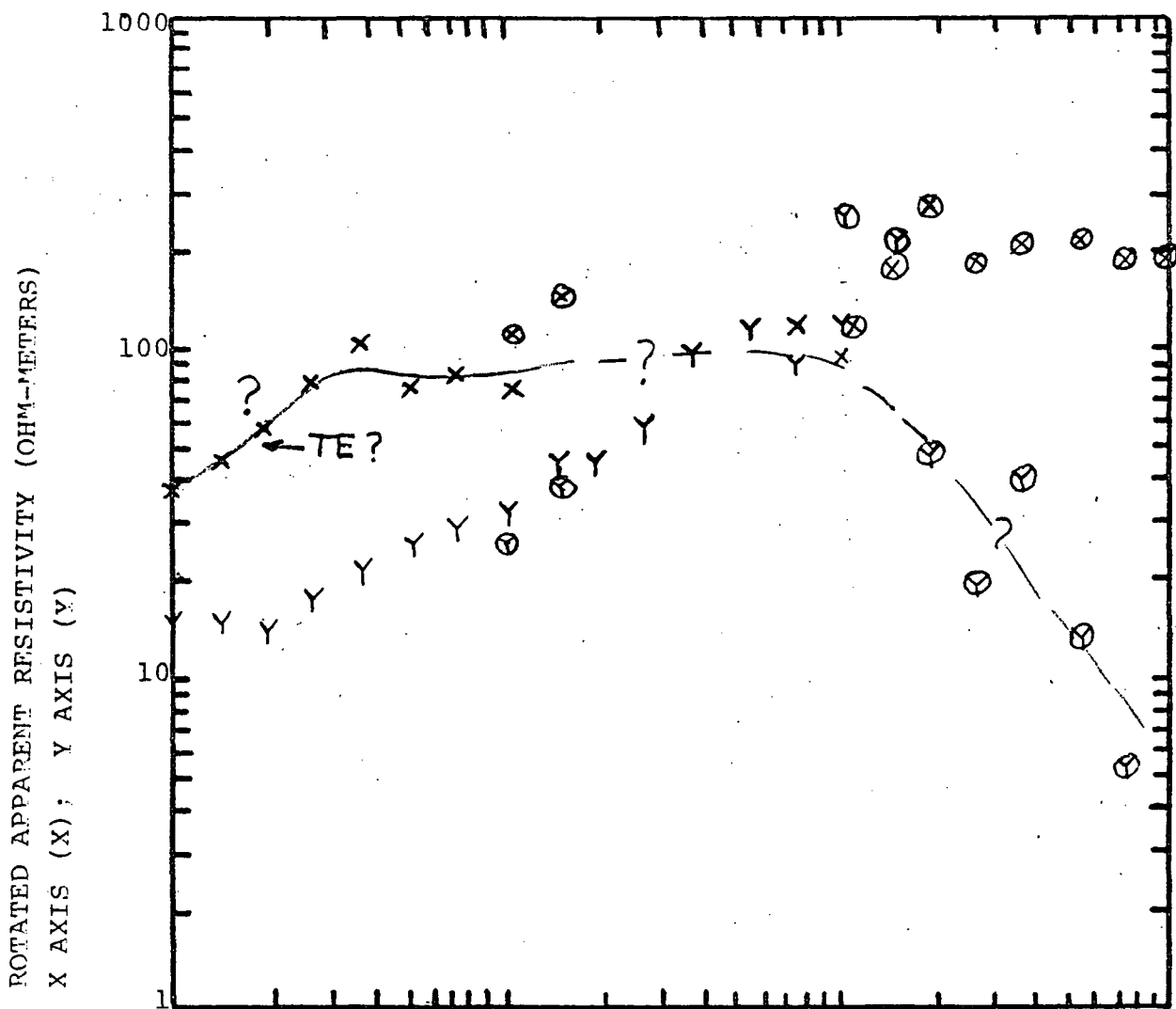
McCOY, NEVADA

STATION A4

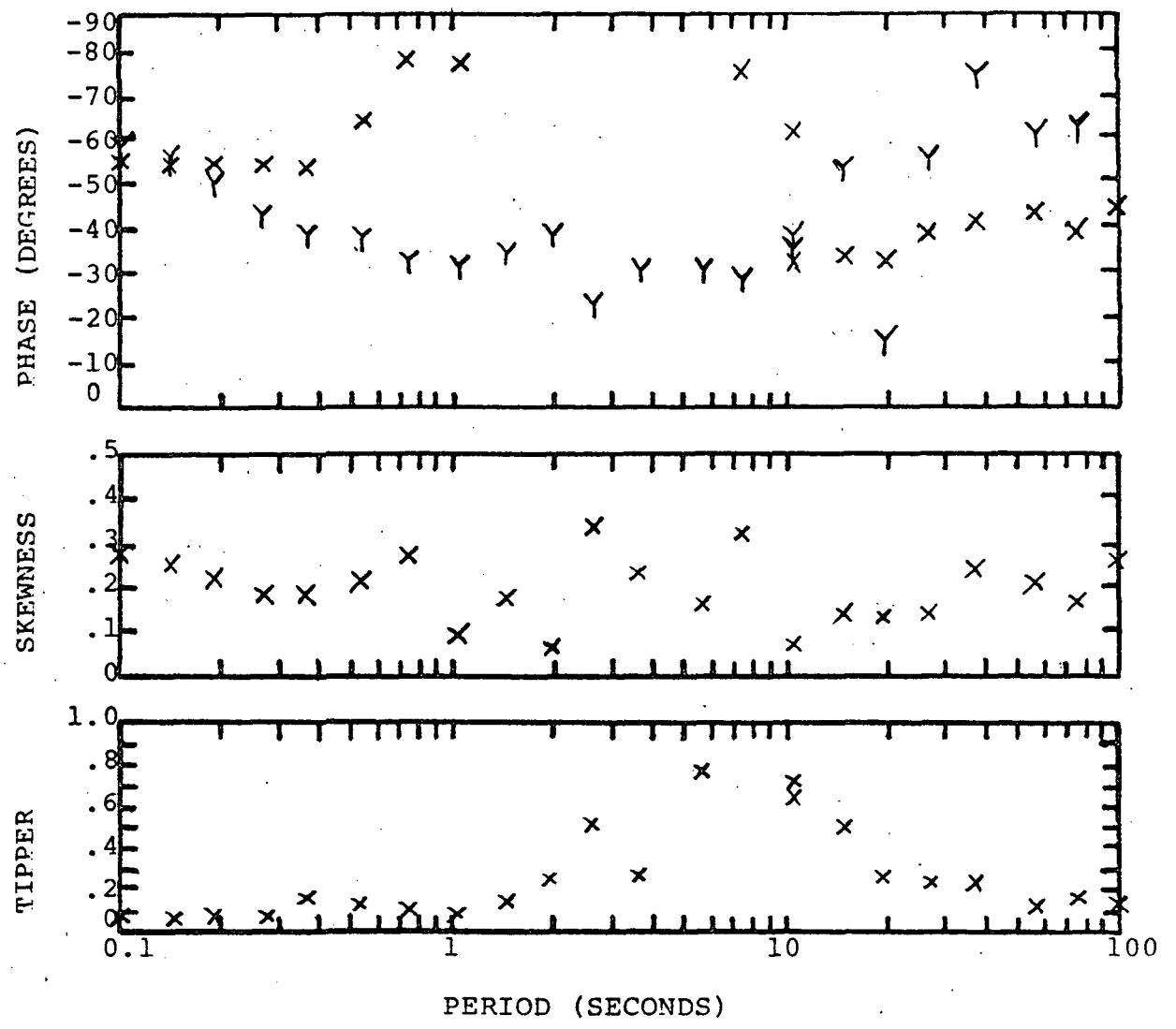


PROSPECT McCOY, NEVADA

STATION M5



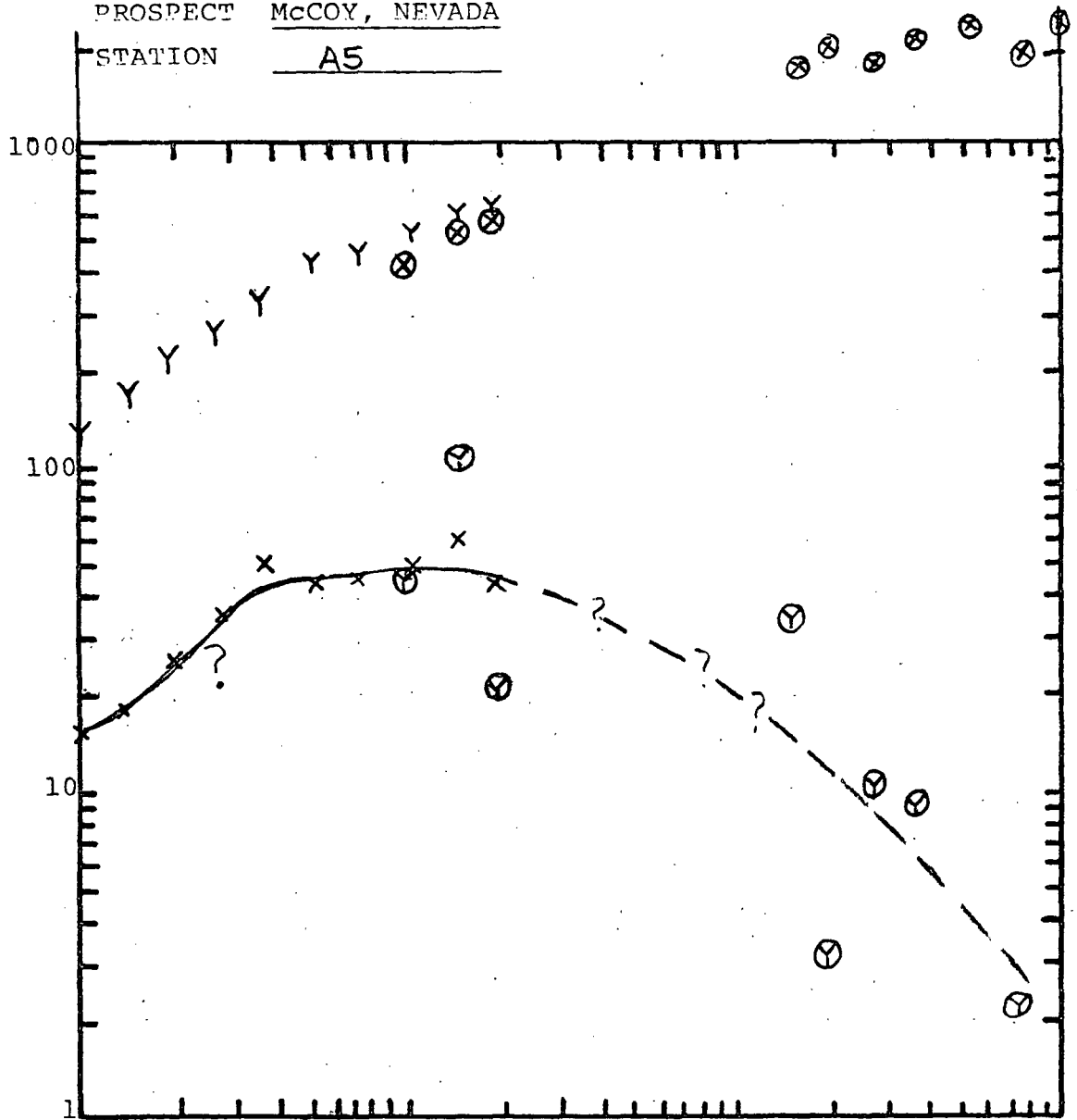
MCCOY, NEVADA
STATION M5



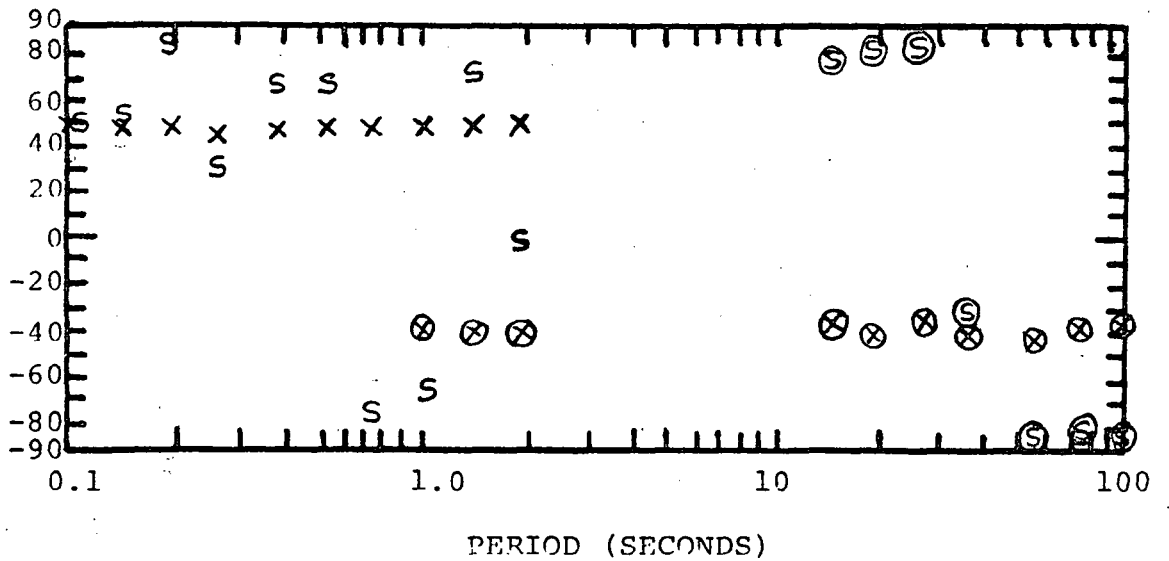
PROSPECT McCOY, NEVADA

STATION A5

ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

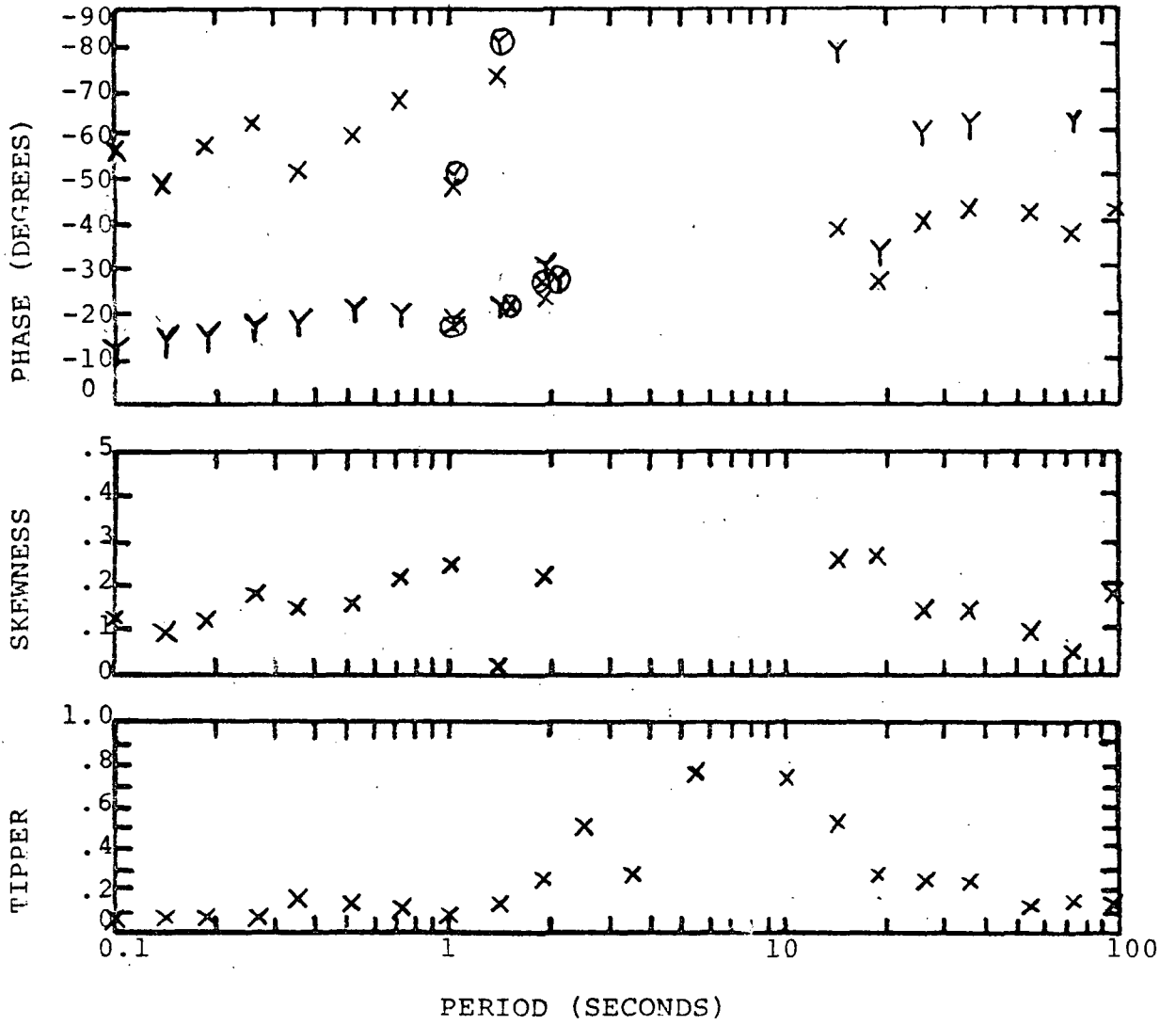


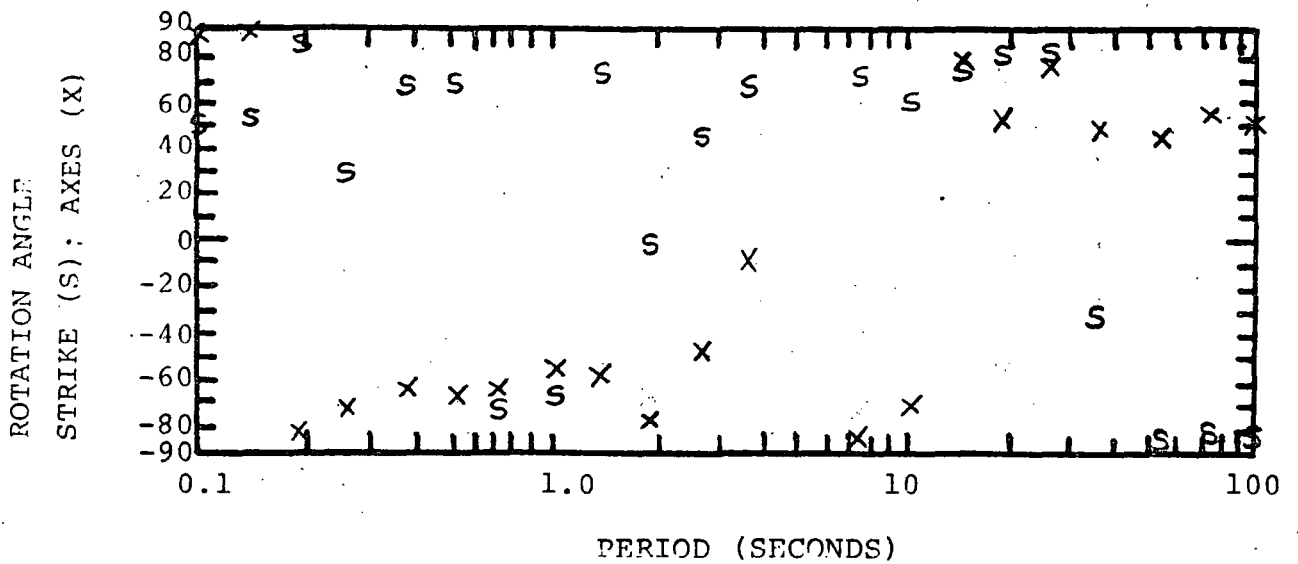
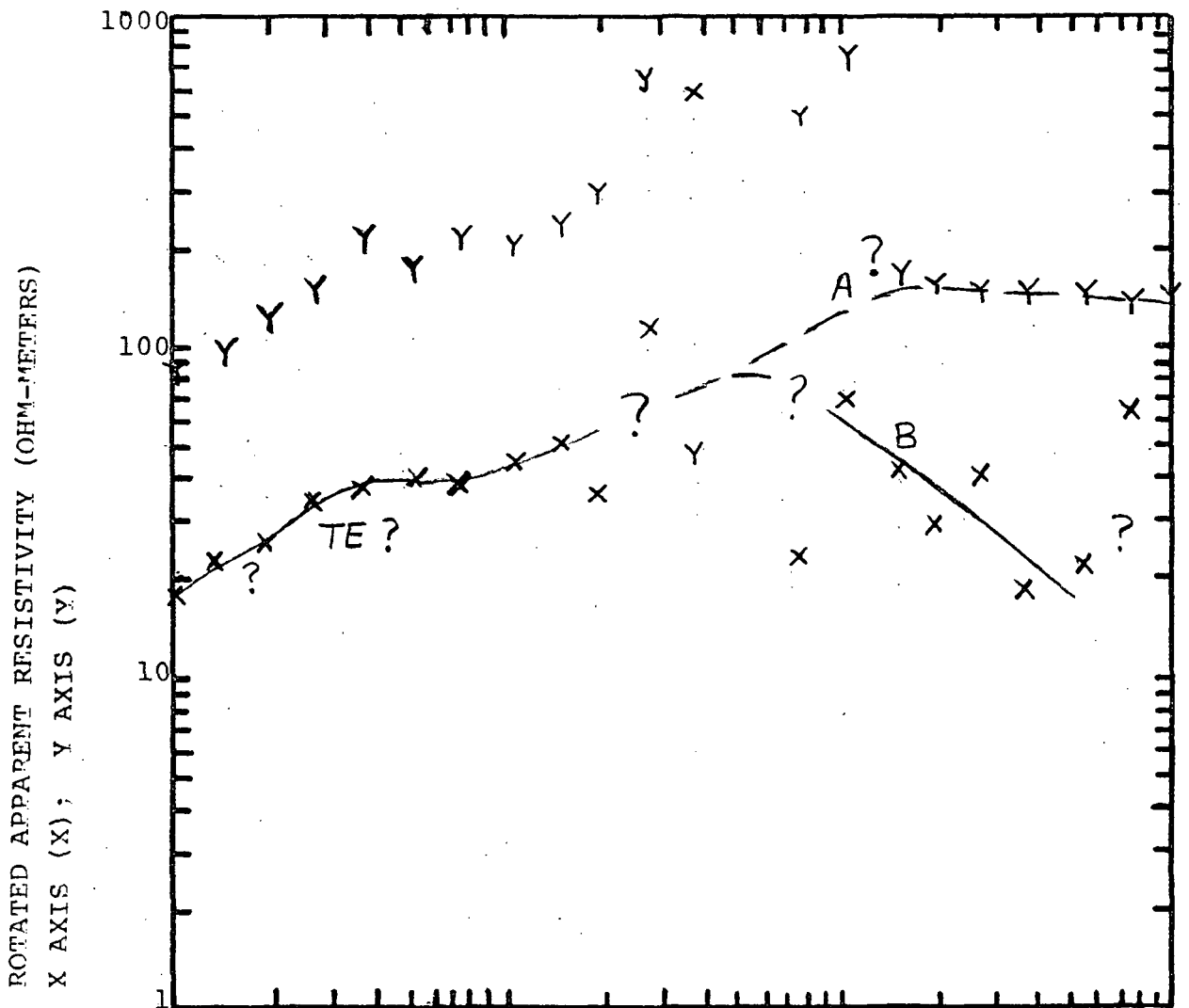
ROTATION ANGLE
STRIKE (S); AXES (X)



MCCOY, NEVADA

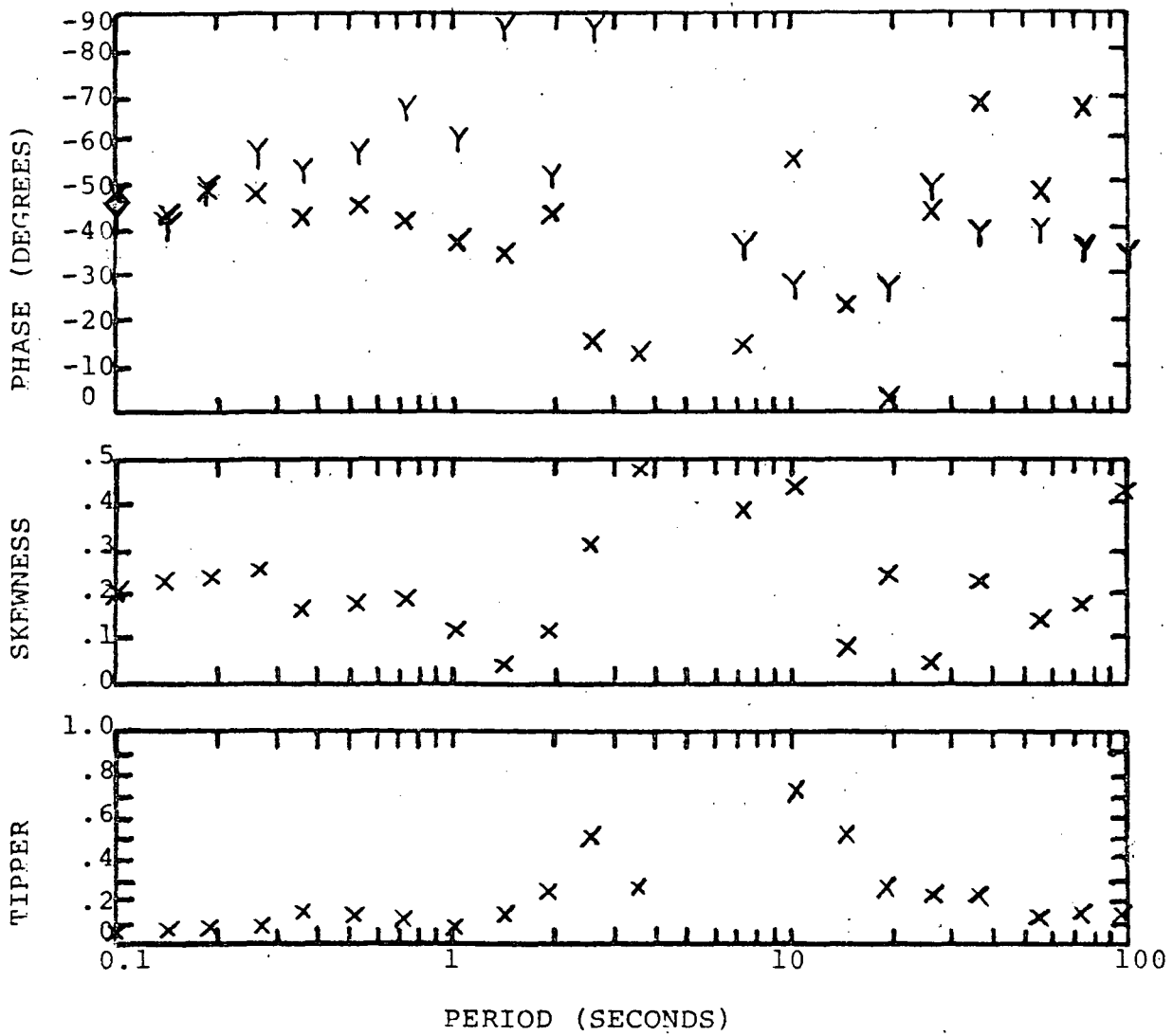
STATION A5





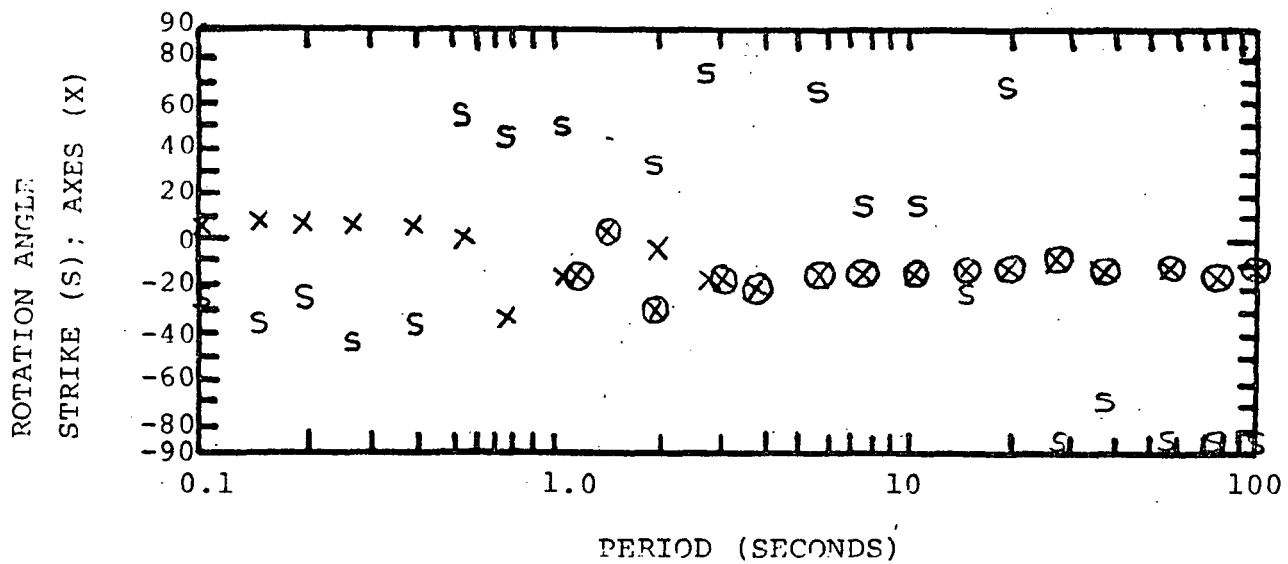
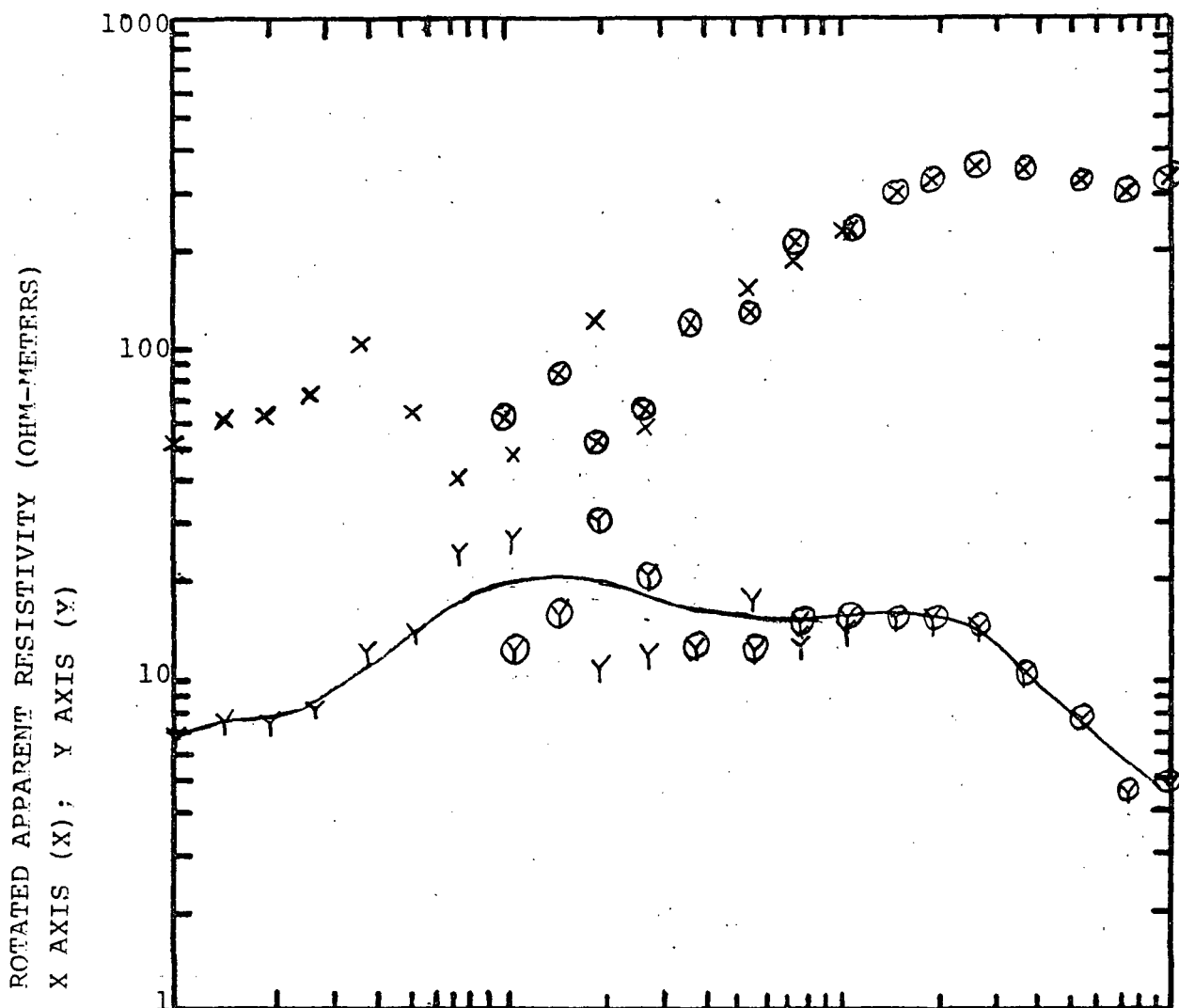
MCCOY, NEVADA

STATION B5

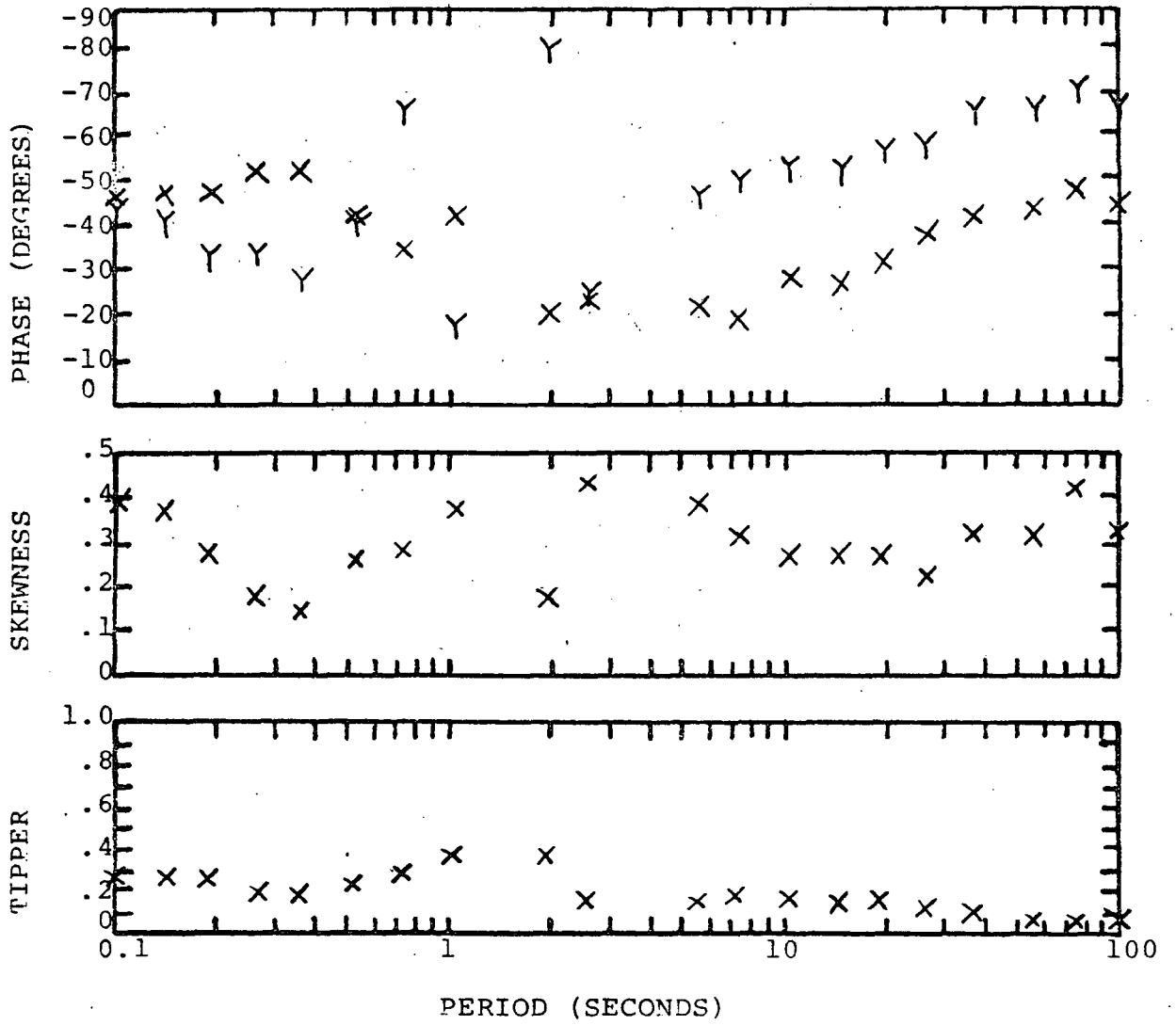


PROSPECT McCOY, NEVADA

STATION M6

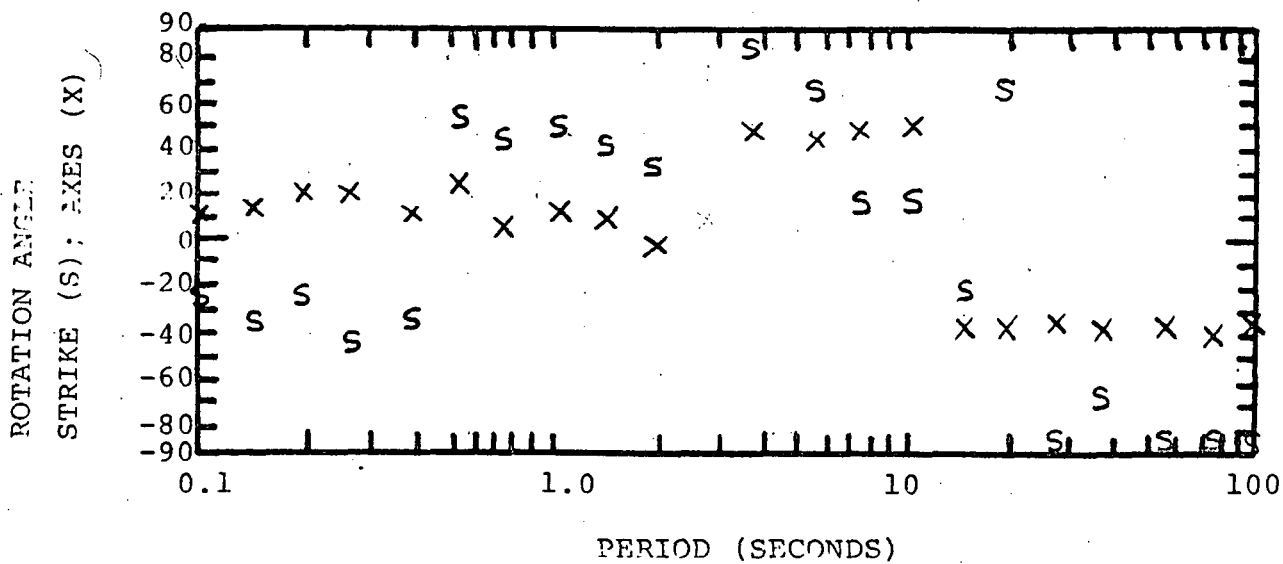
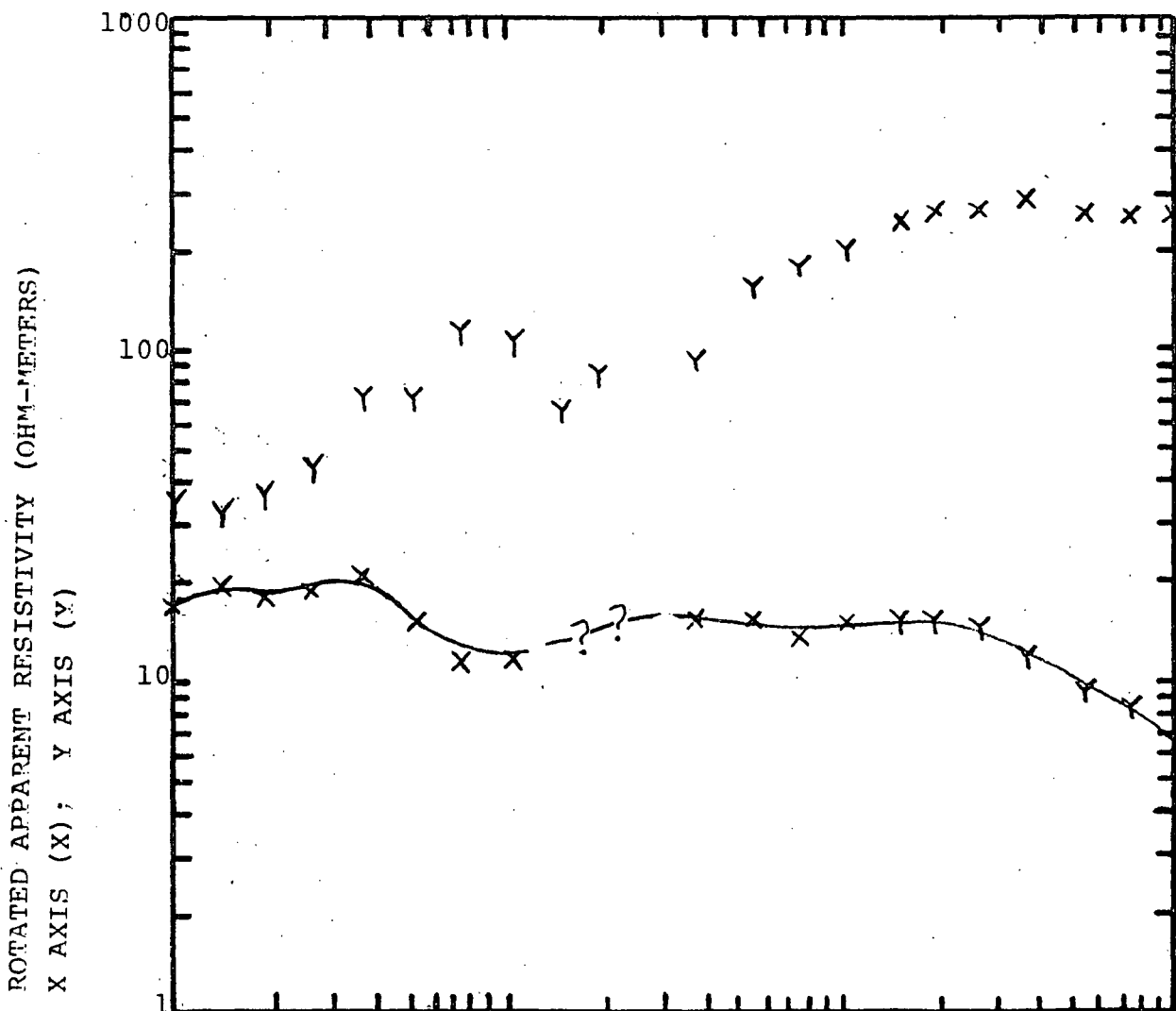


MCCOY, NEVADA
STATION M6

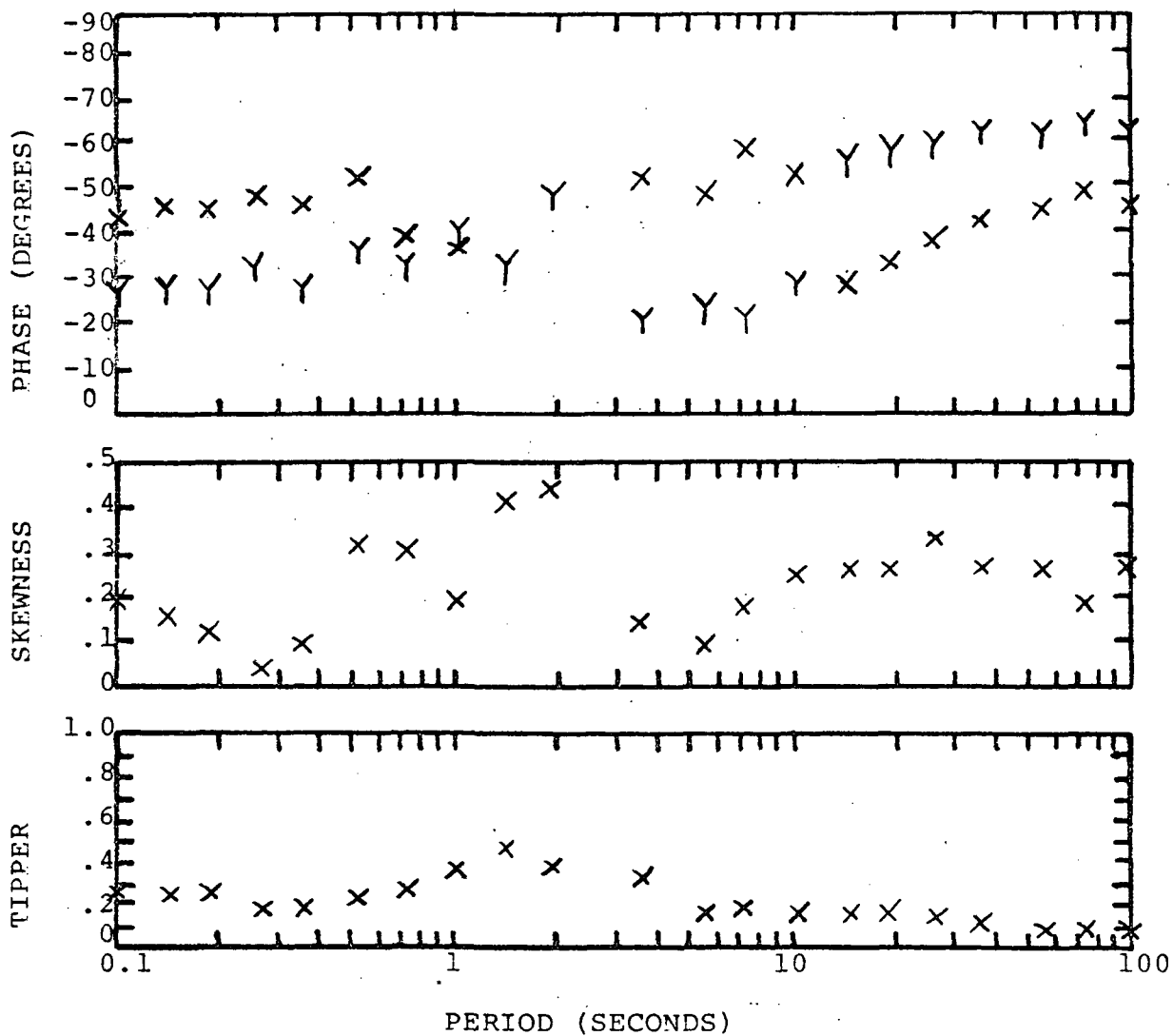


PROSPECT McCOY, NEVADA

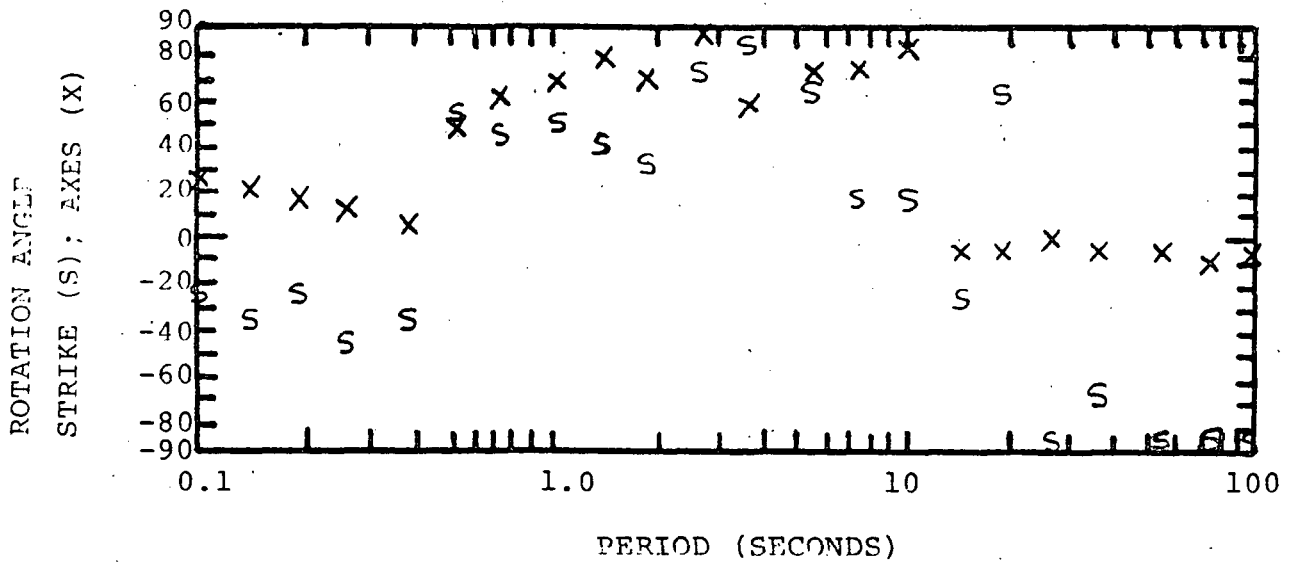
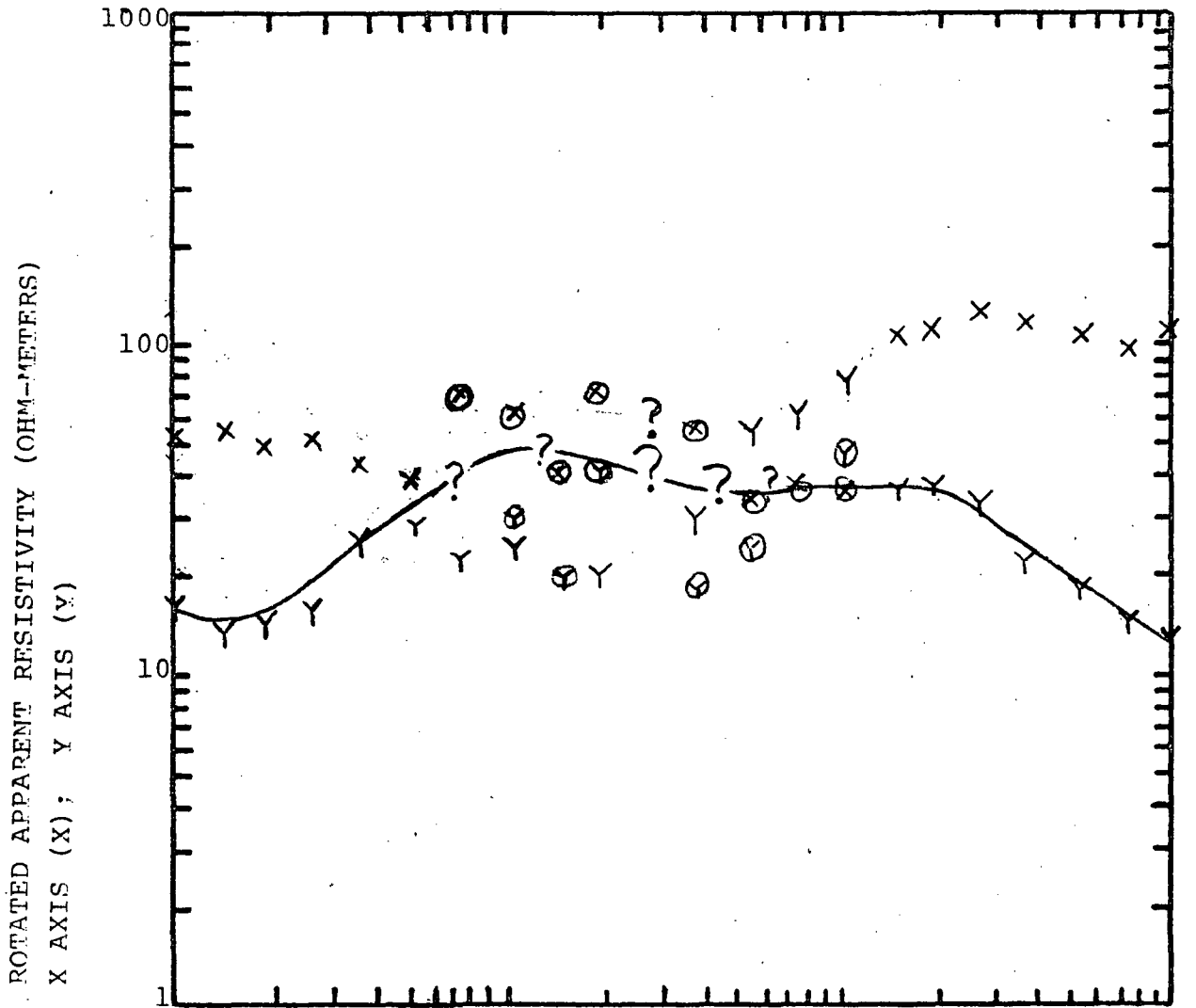
STATION A6



McCOY, NEVADA

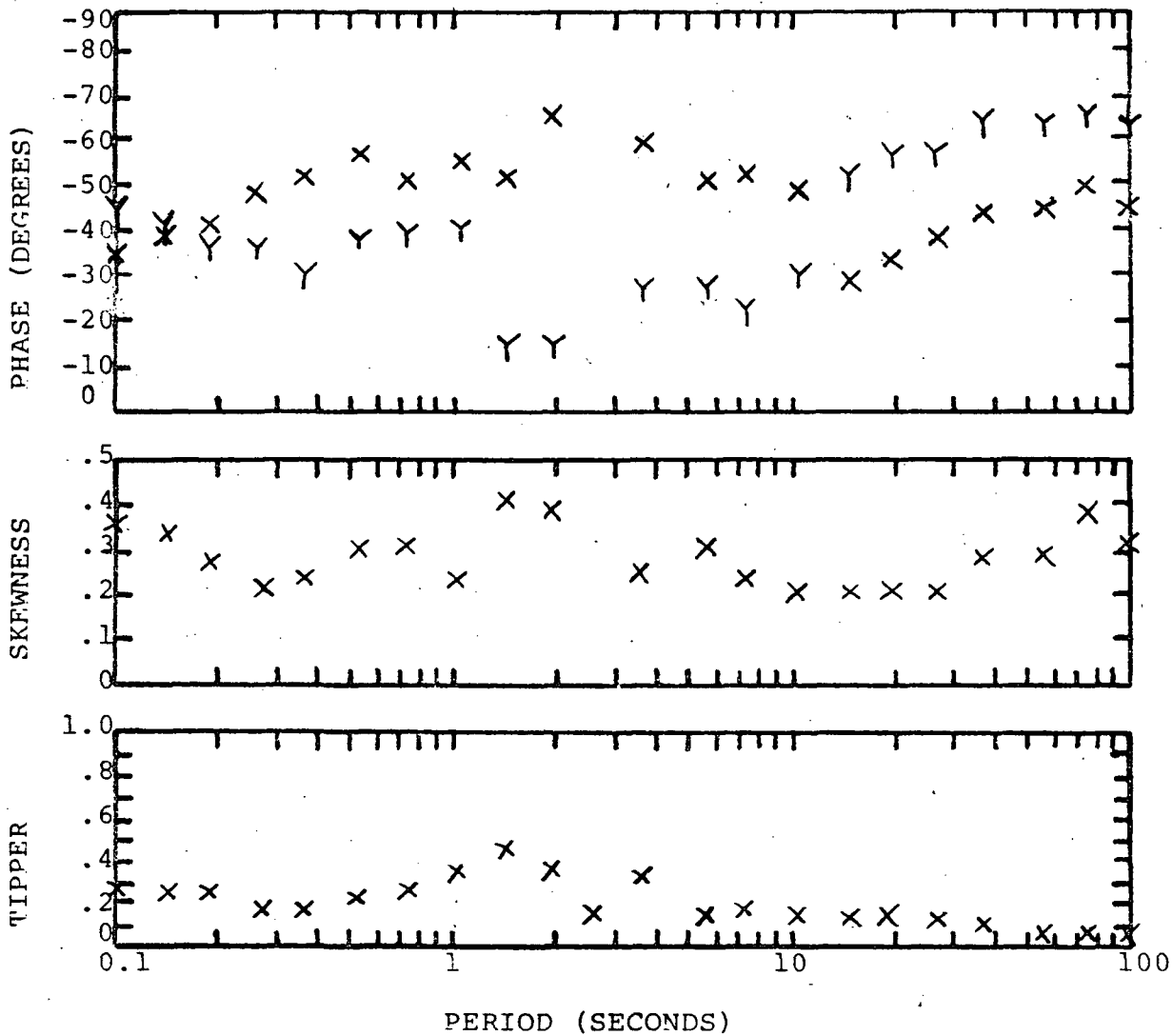
STATION A6

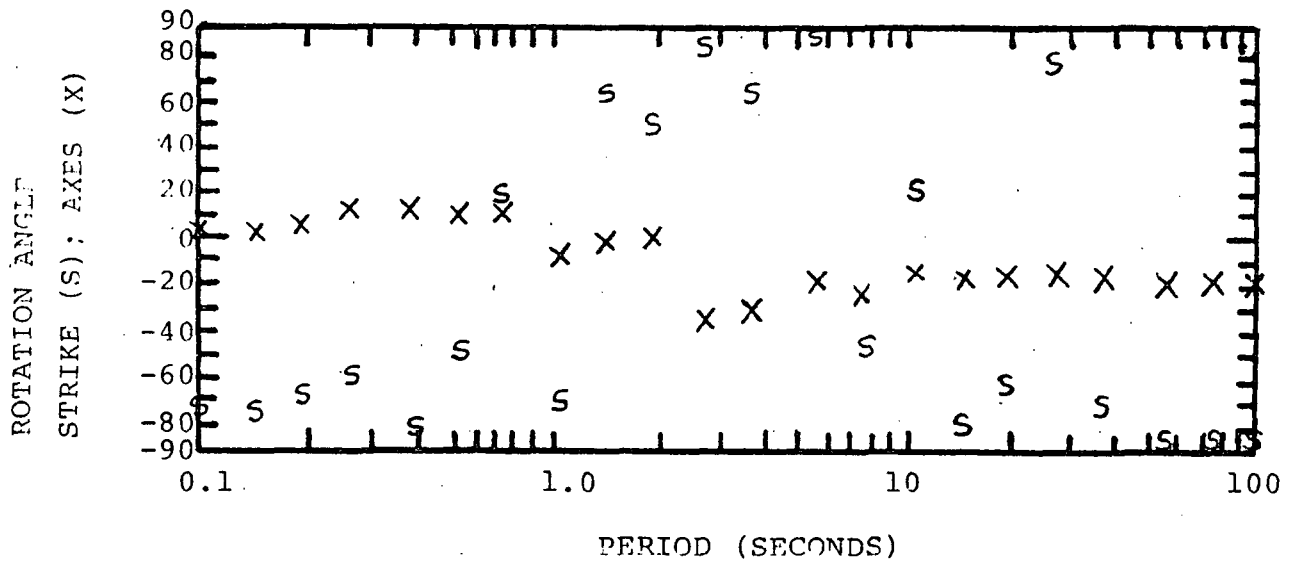
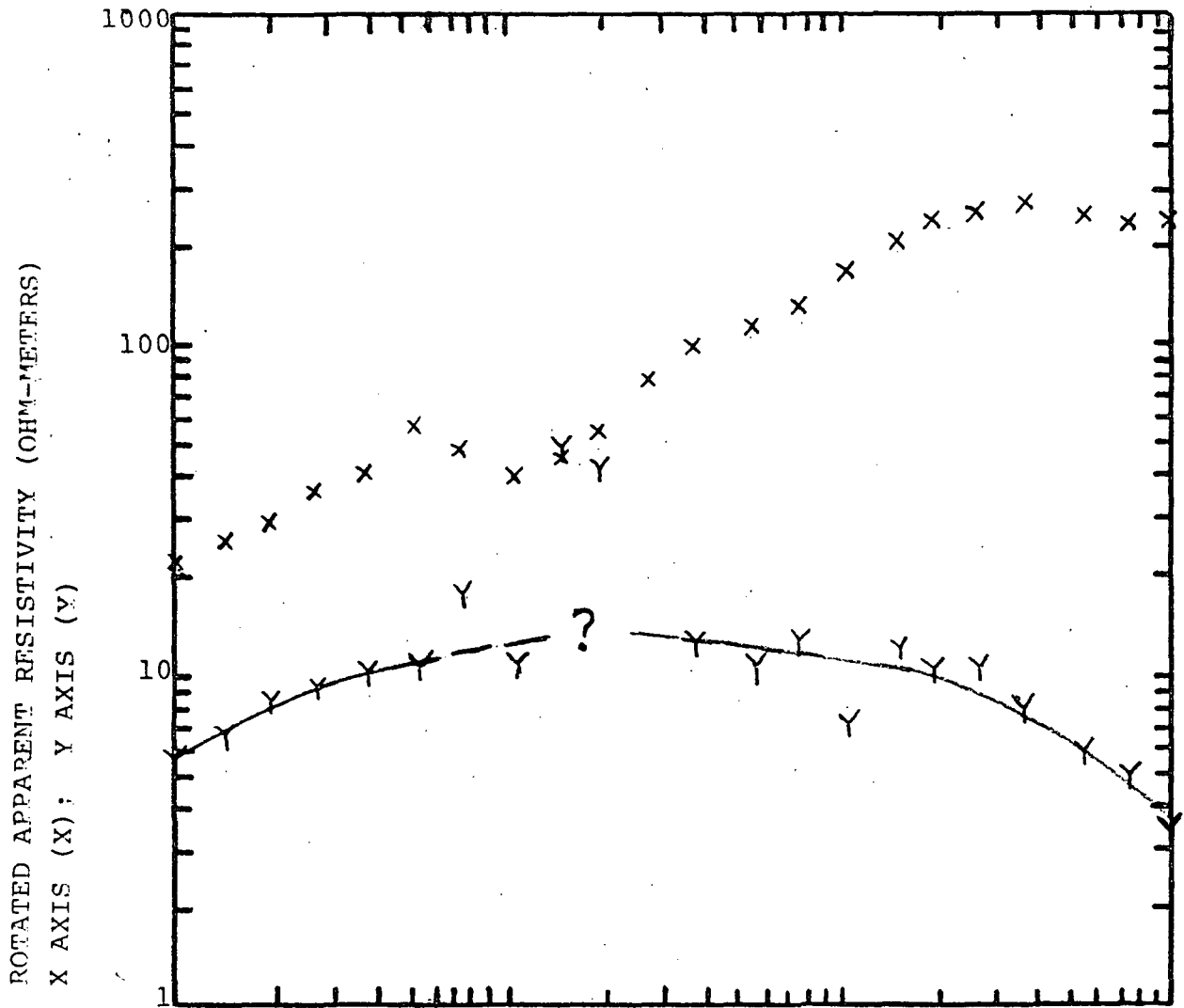
PROSPECT McCOY, NEVADA
STATION B6



MCCOY, NEVADA

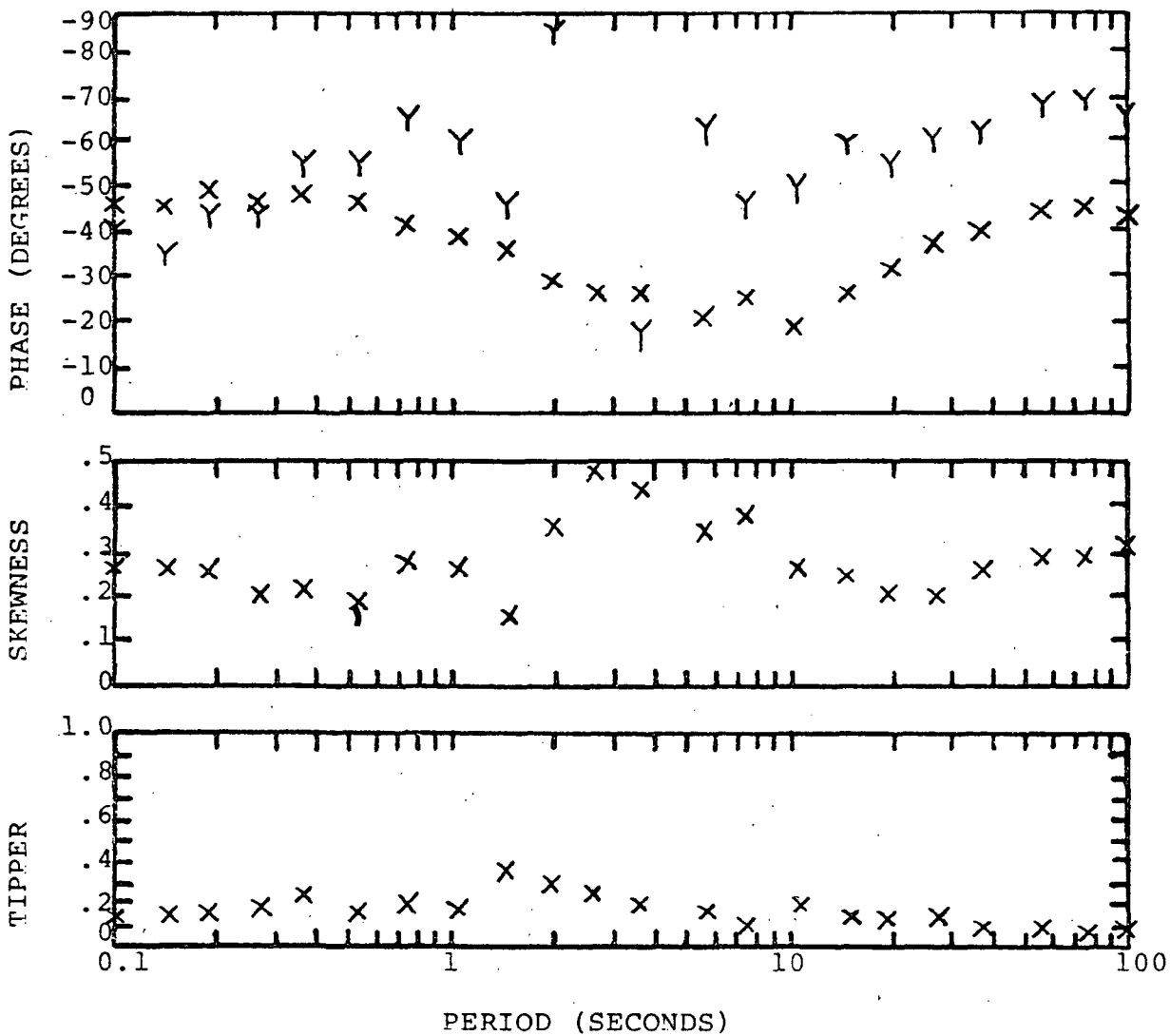
STATION B6

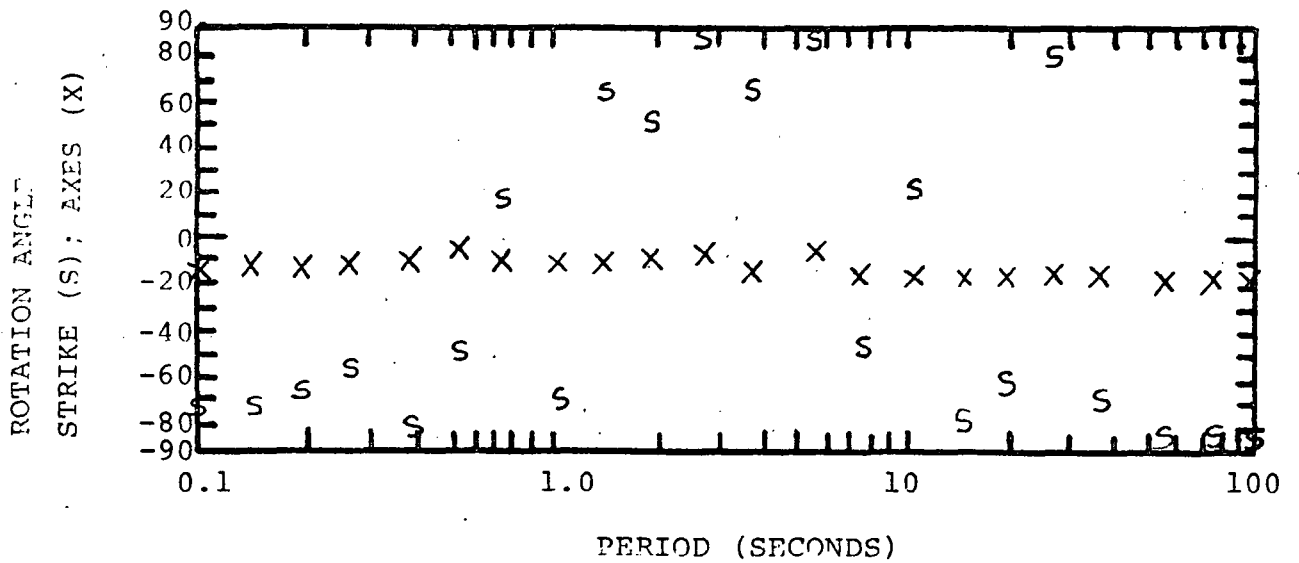
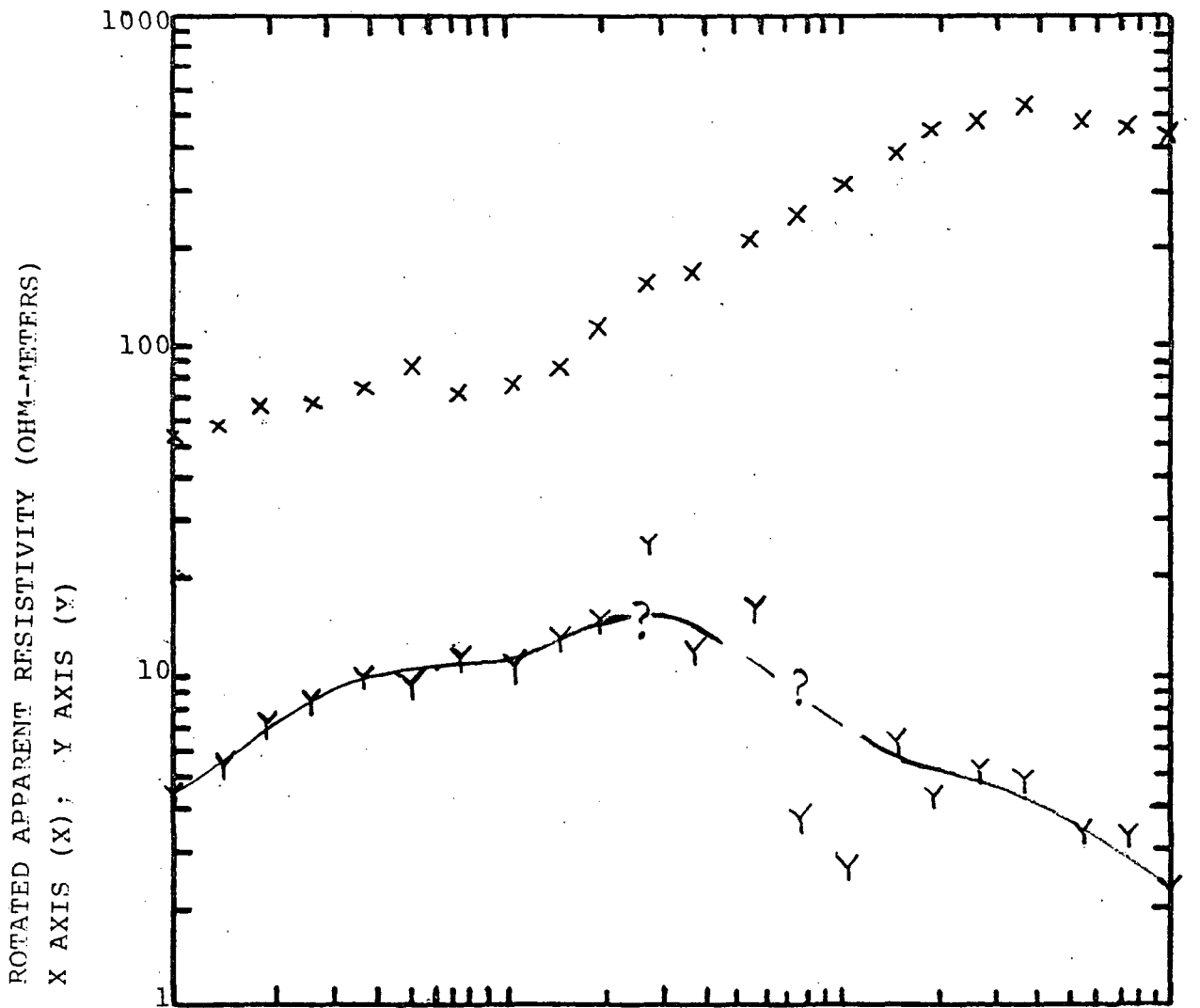




MCCOY, NEVADA

STATION M7

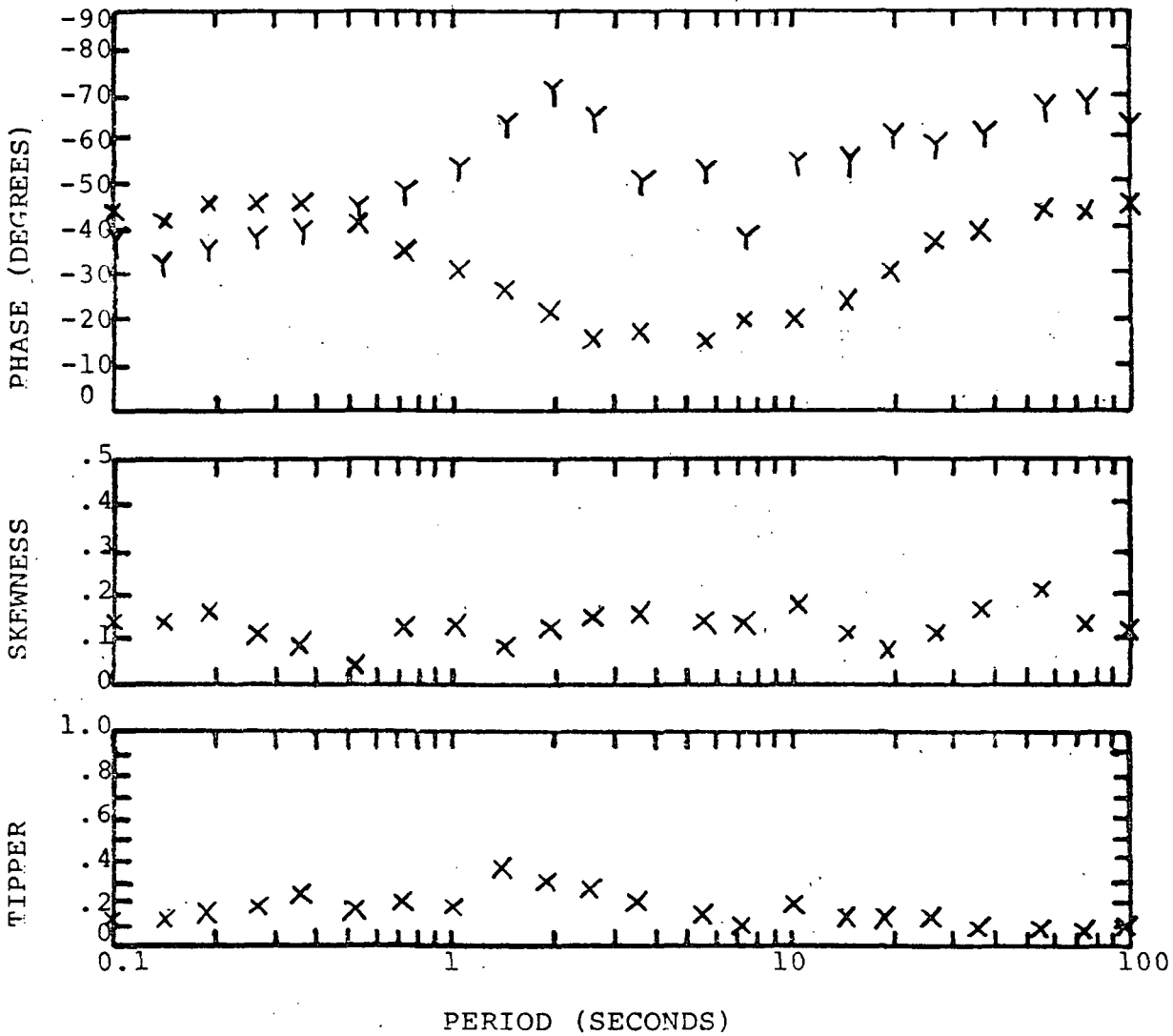


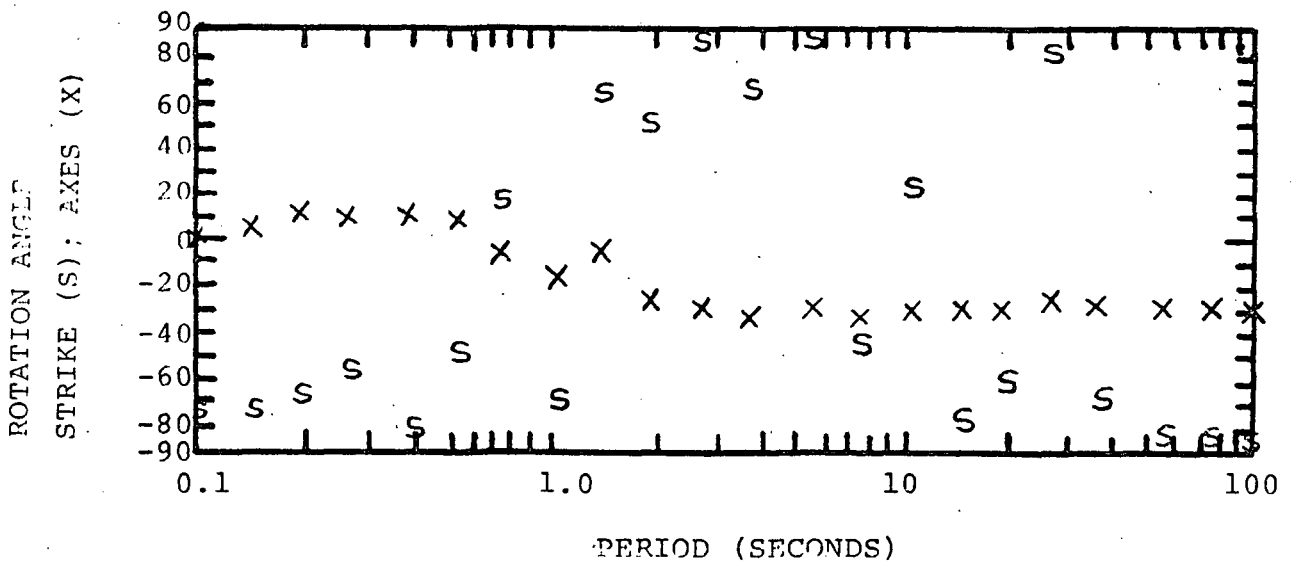
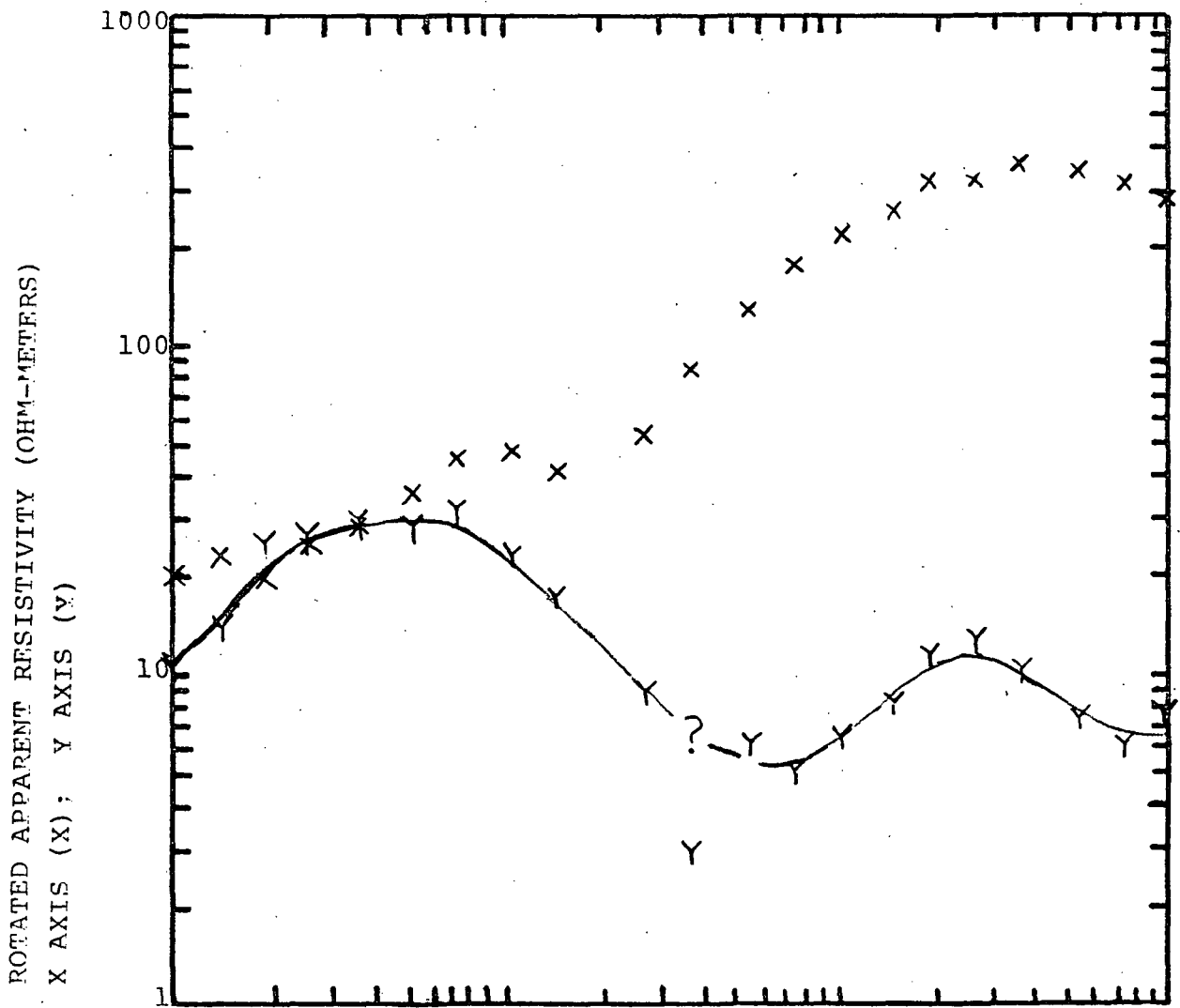


PERIOD (SECONDS)

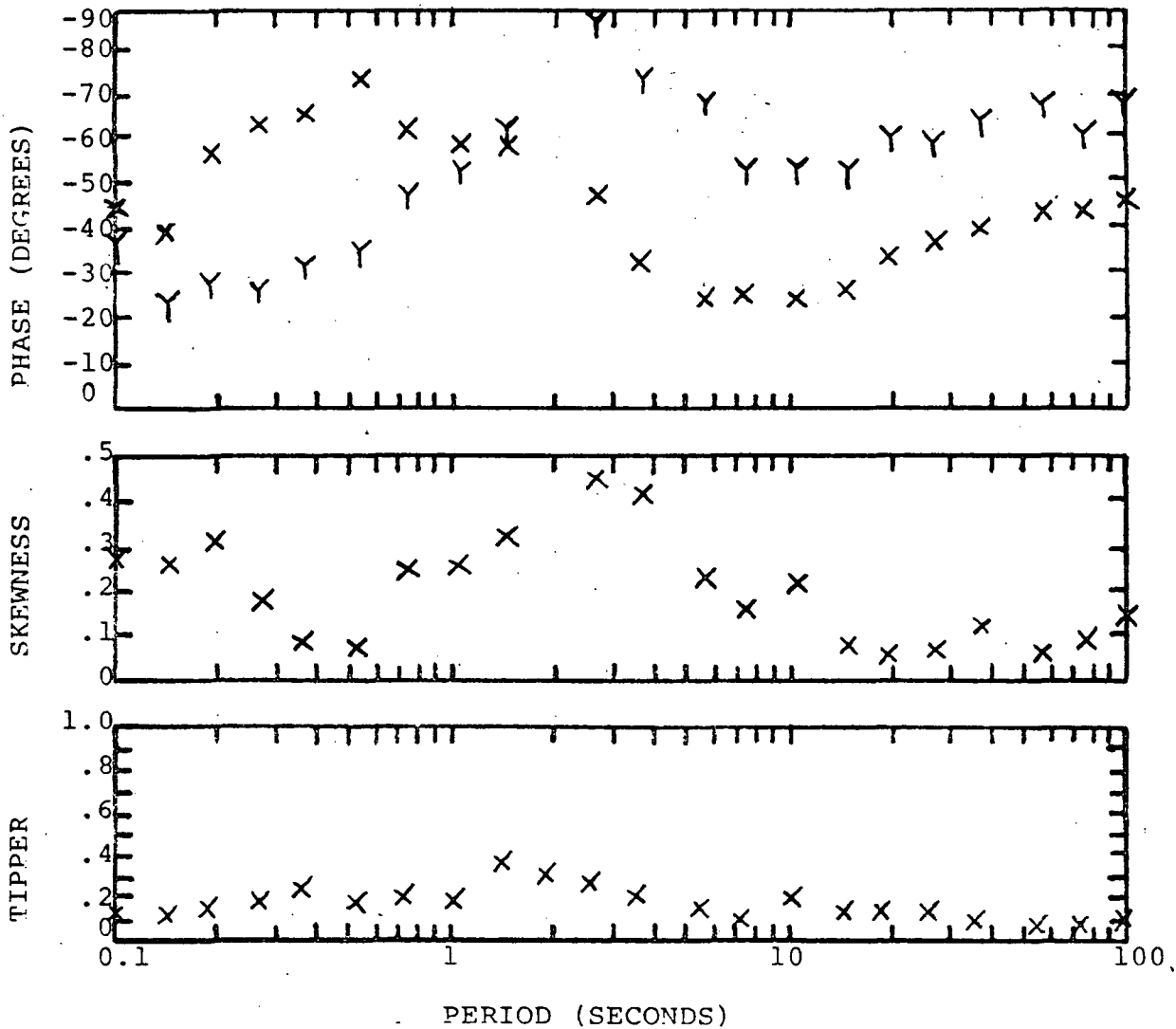
McCOY, NEVADA

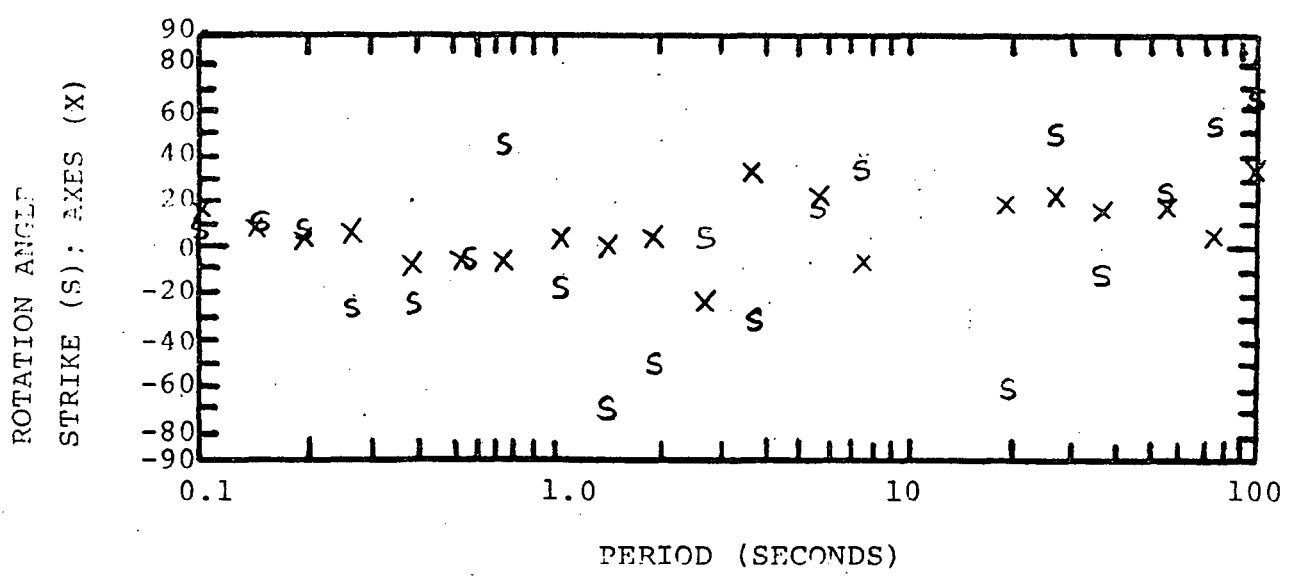
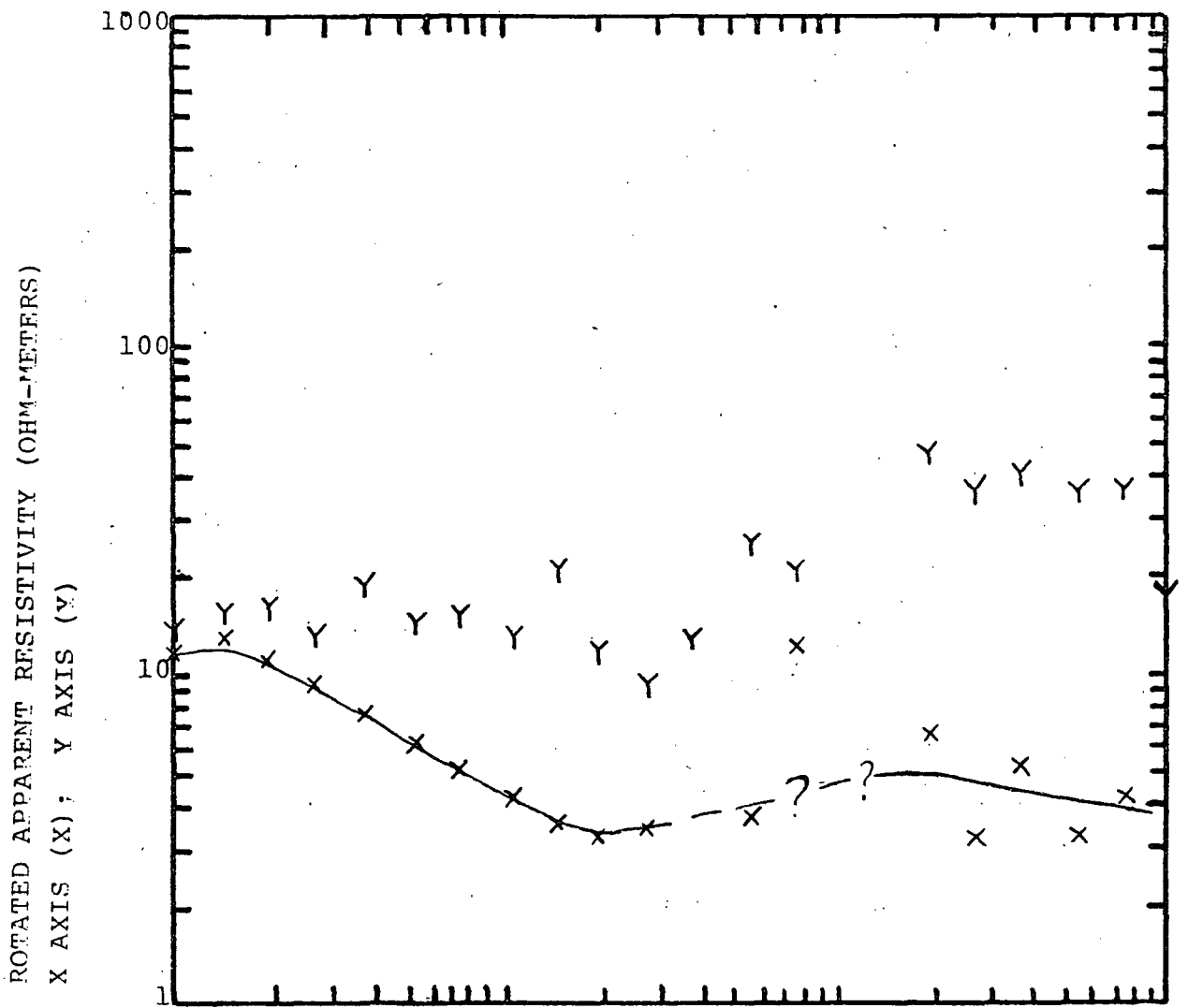
STATION A7



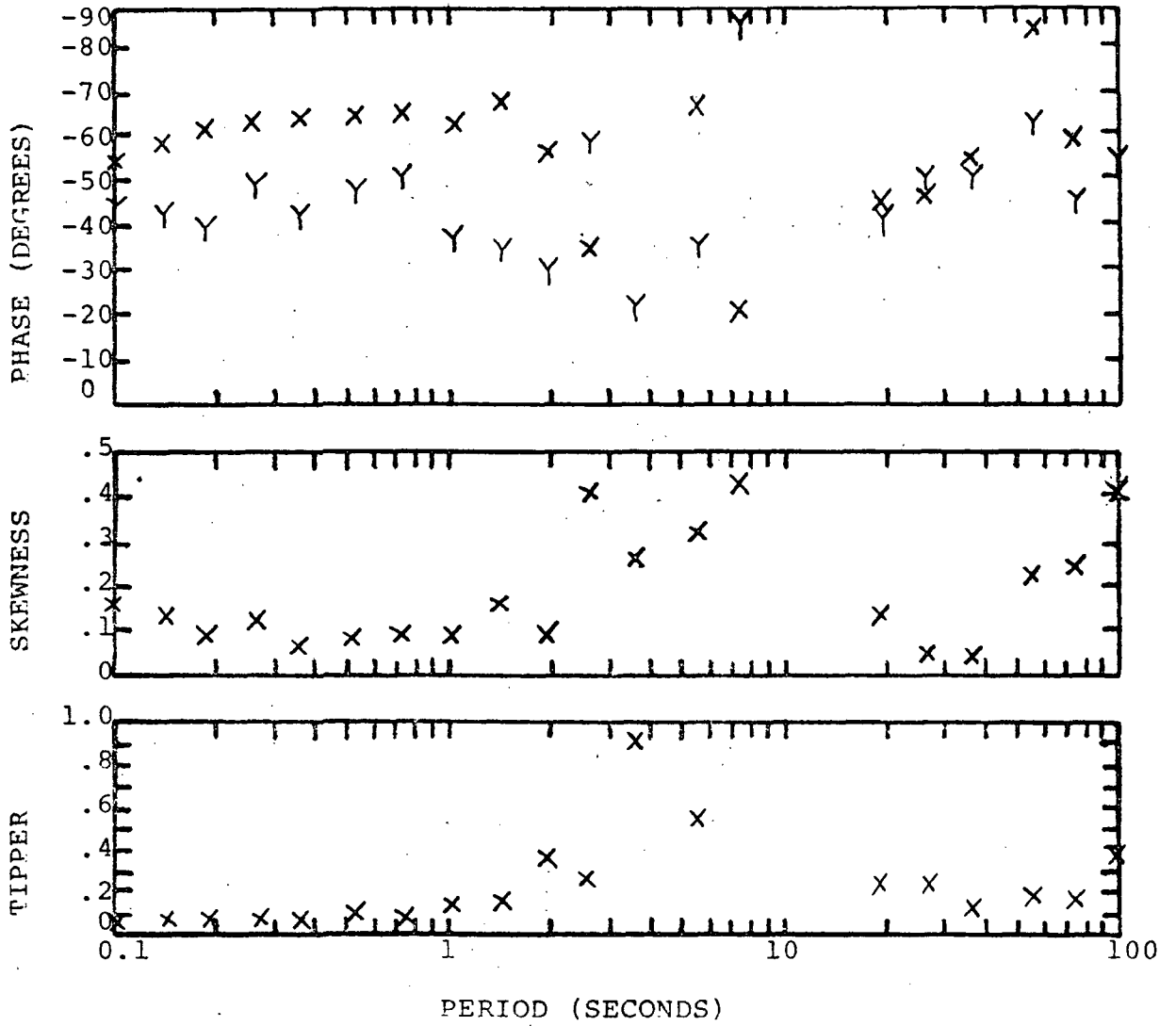


McCOY, NEVADA
 STATION B7

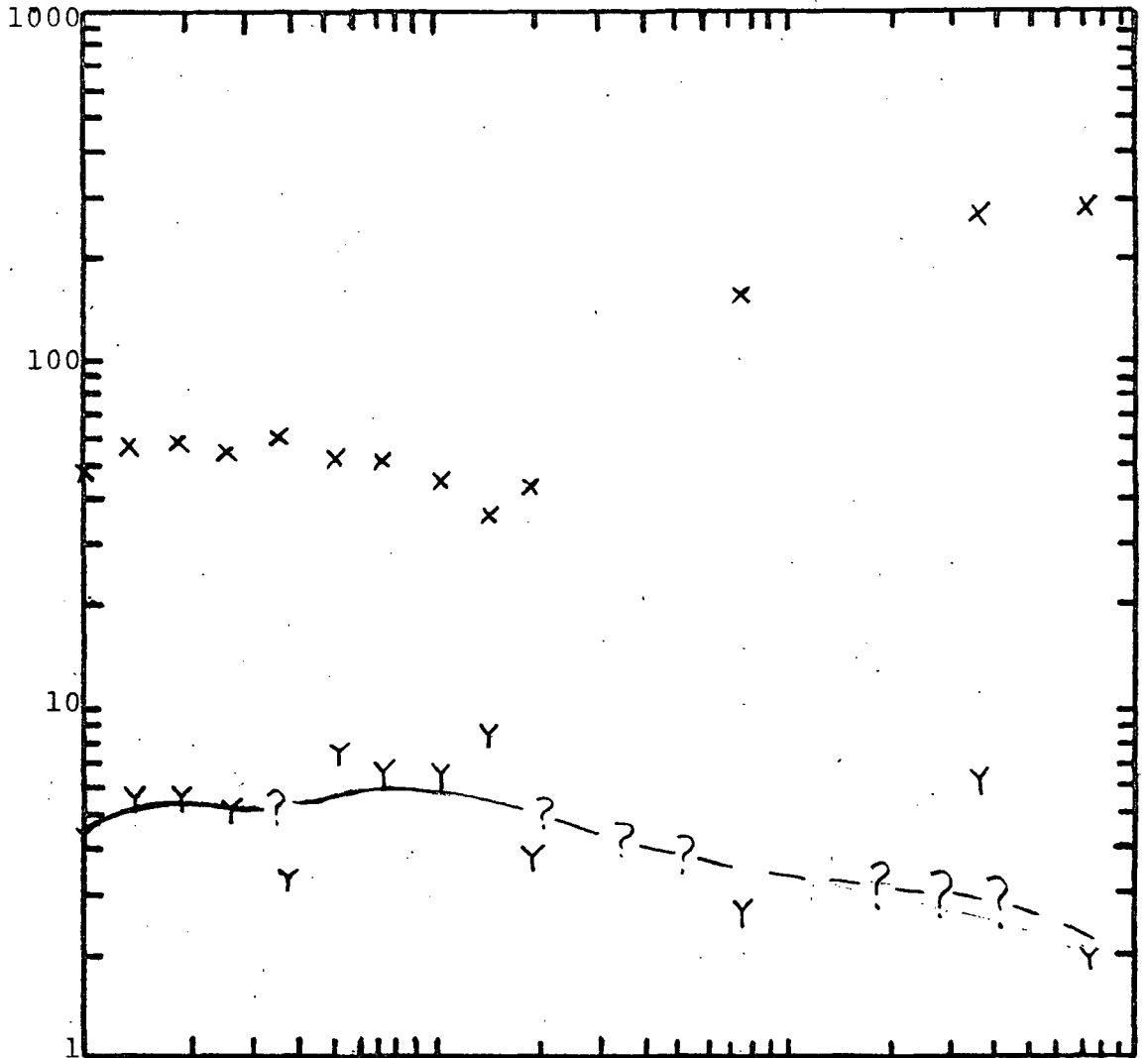




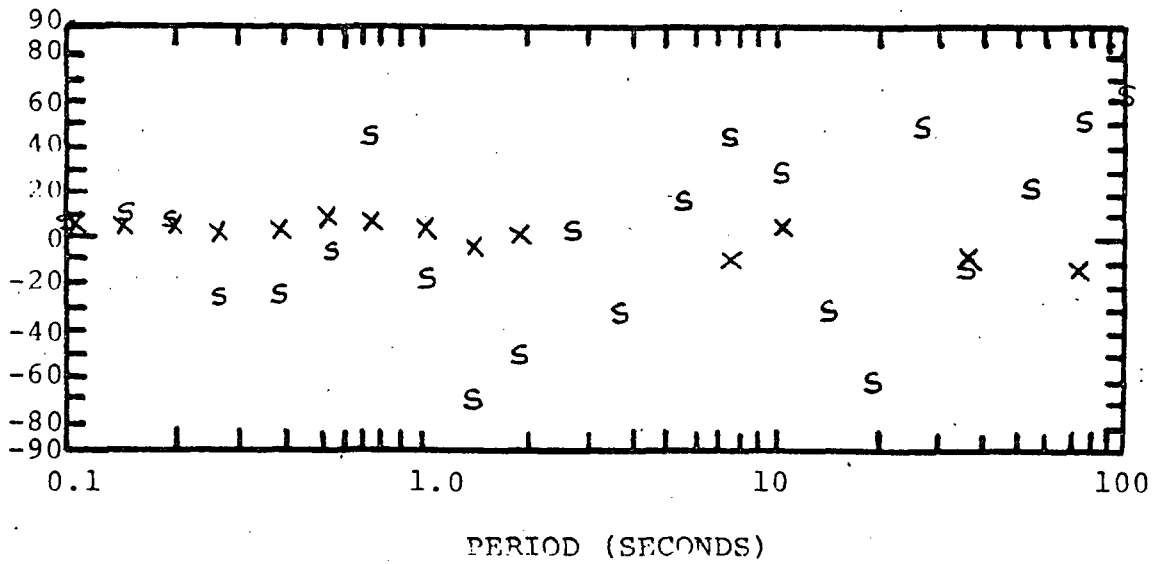
MCCOY, NEVADA
 STATION M8



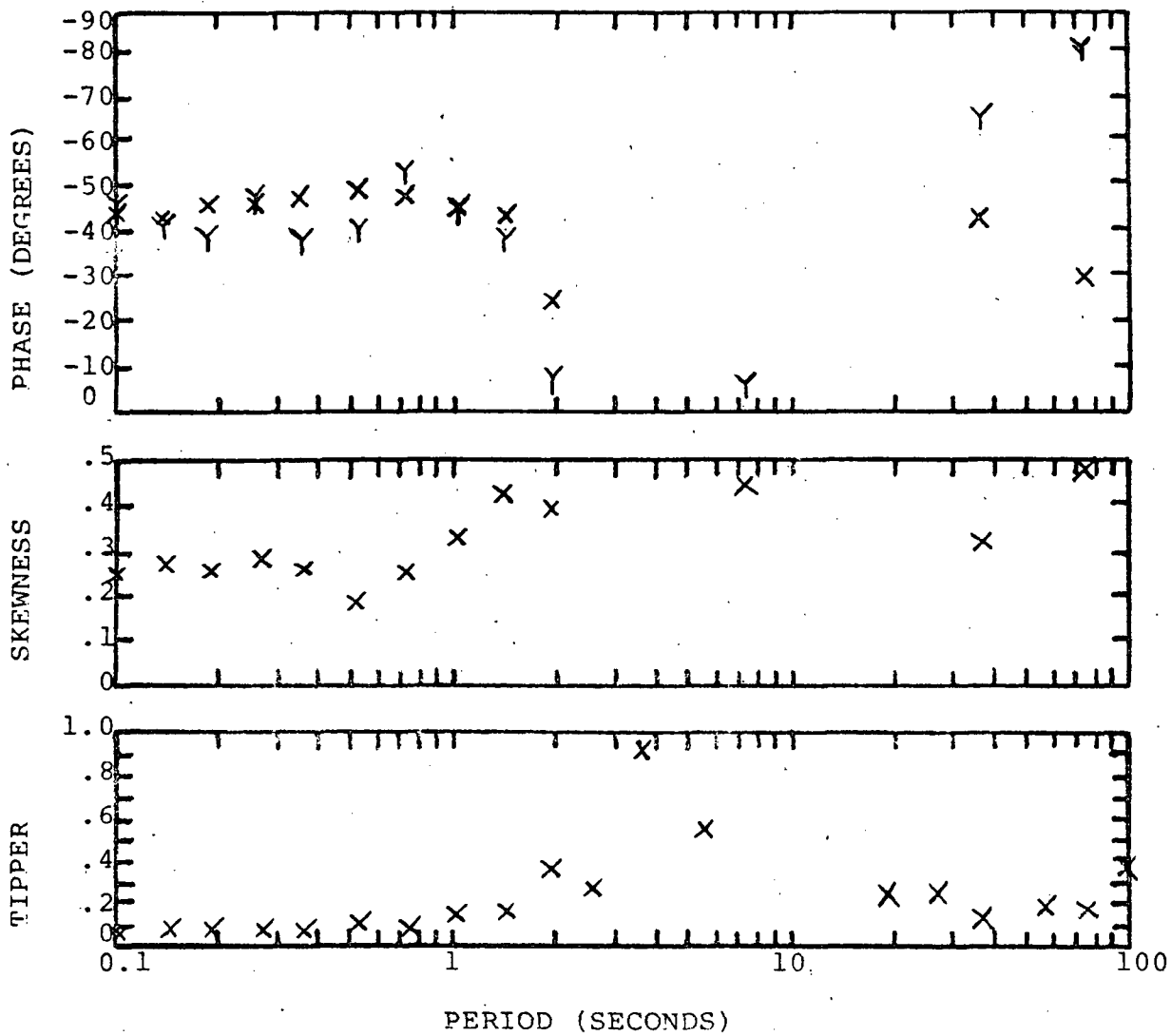
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



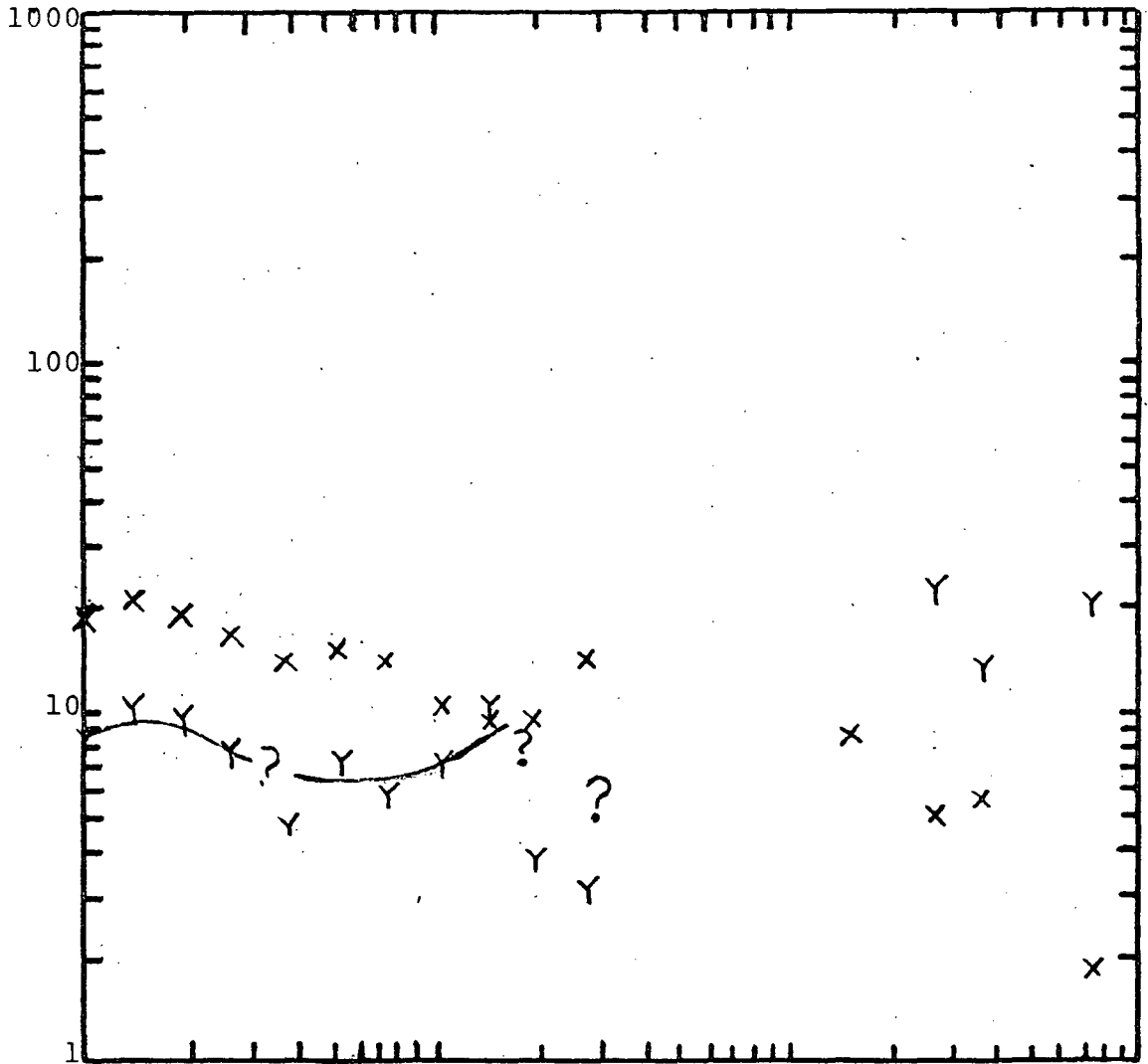
ROTATION ANGLE
STRIKE (S); EXES (X)



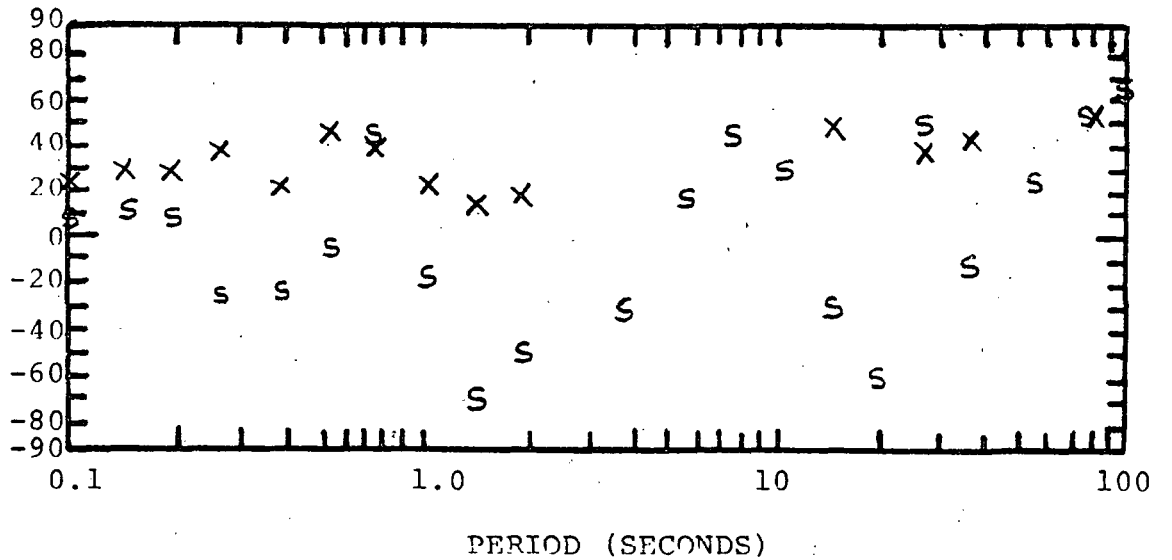
McCOY, NEVADA

STATION A8

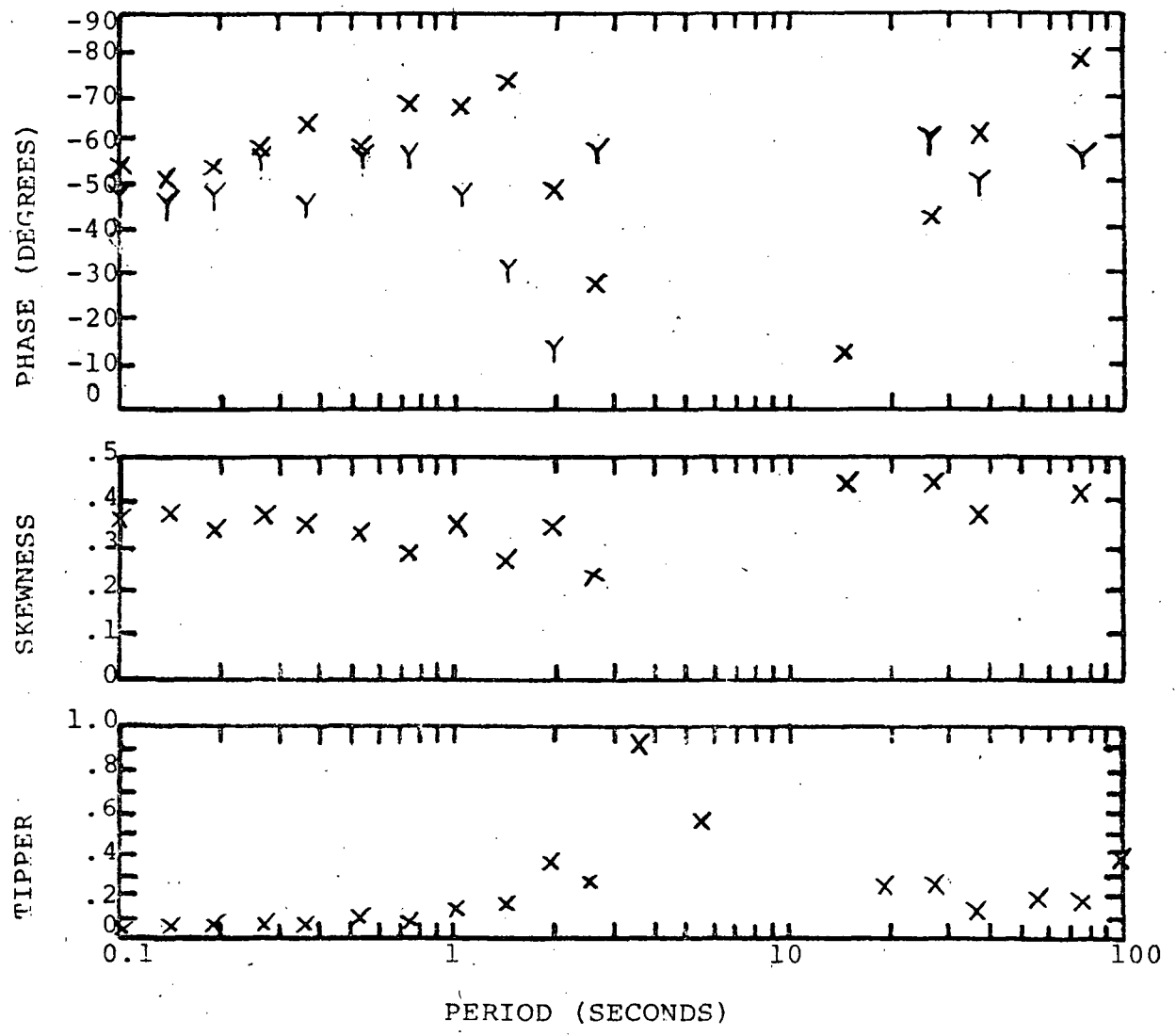
ROTATED APPARENT RESISTIVITY (OHM-METERS)
 X AXIS (X); Y AXIS (Y)



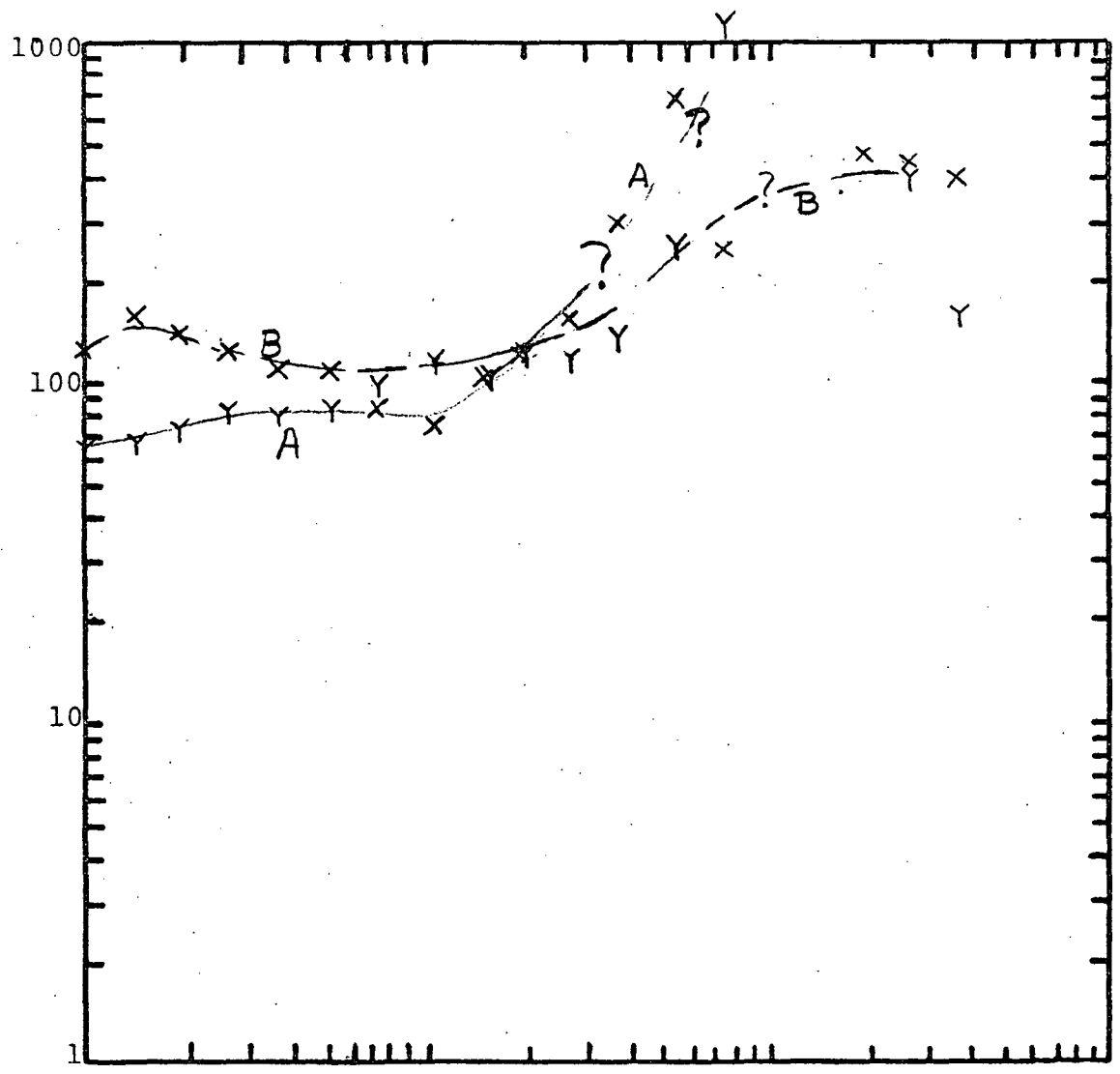
ROTATION ANGLE
 STRIKE (S); AXES (X)



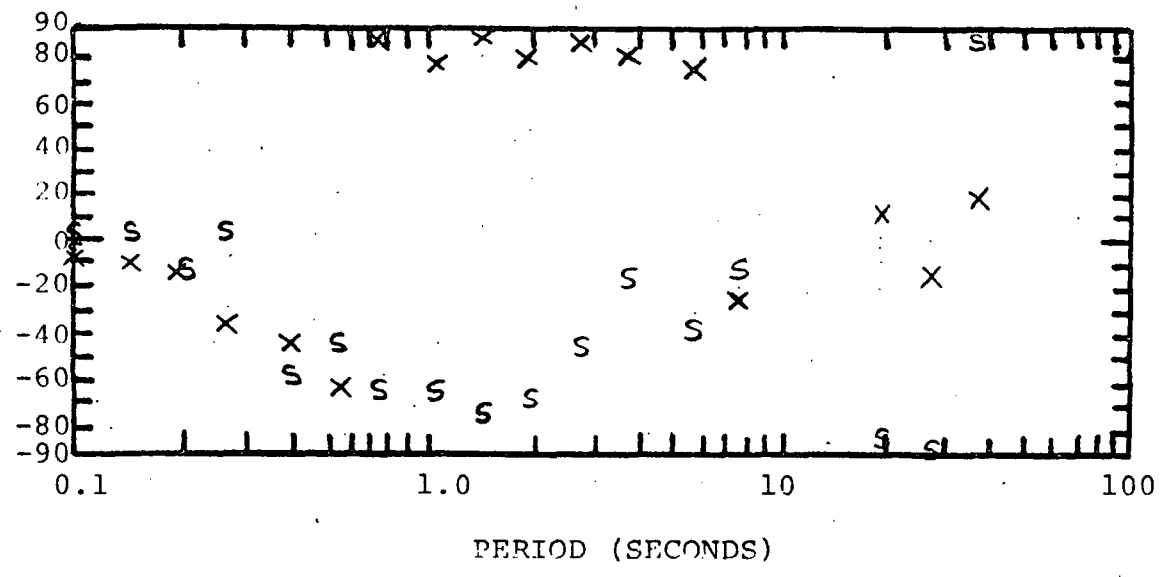
MCCOY, NEVADA
STATION B8



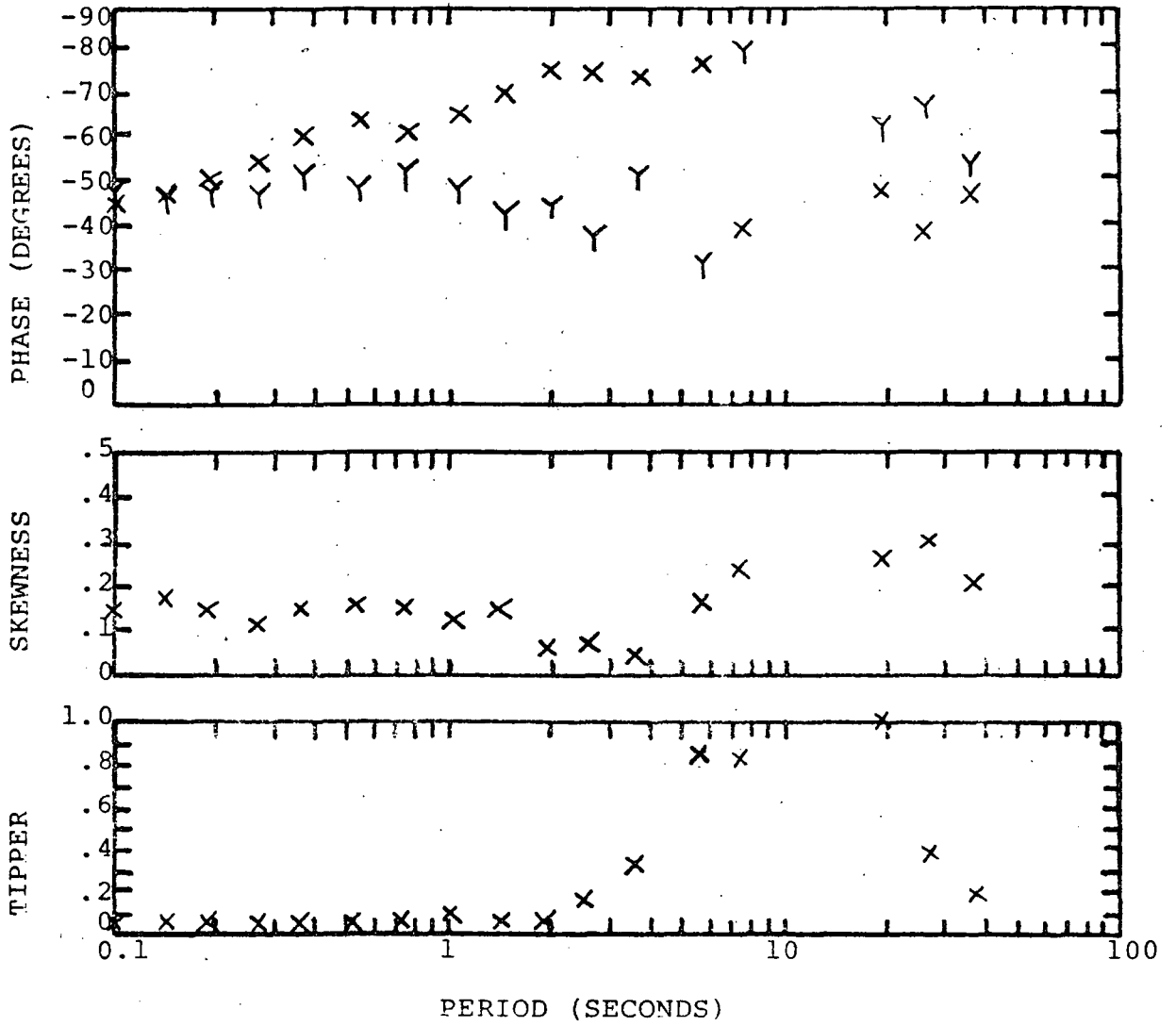
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



ROTATION ANGLE
STRIKE (S); AXES (X)

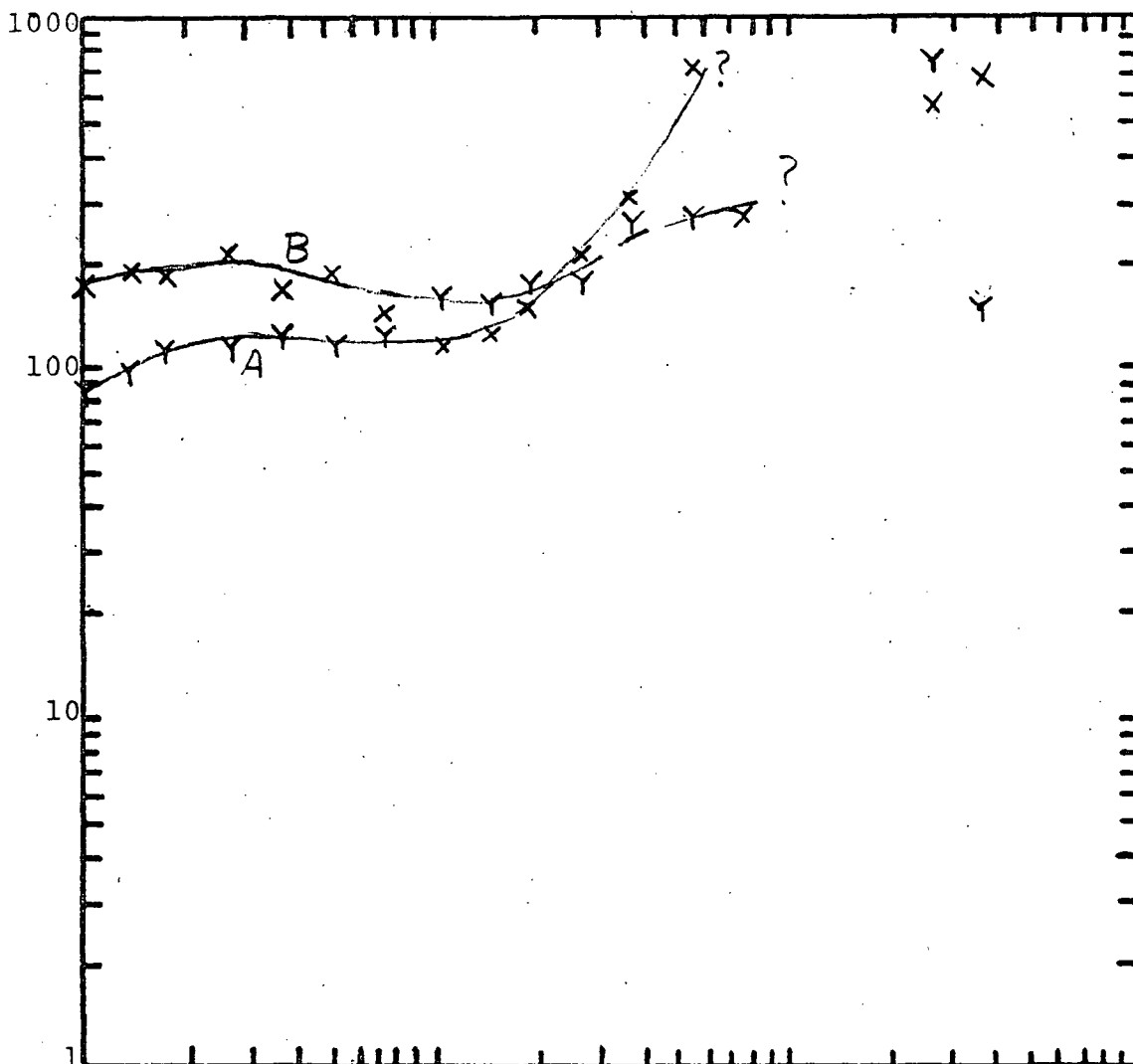


MCCOY, NEVADA
STATION M9

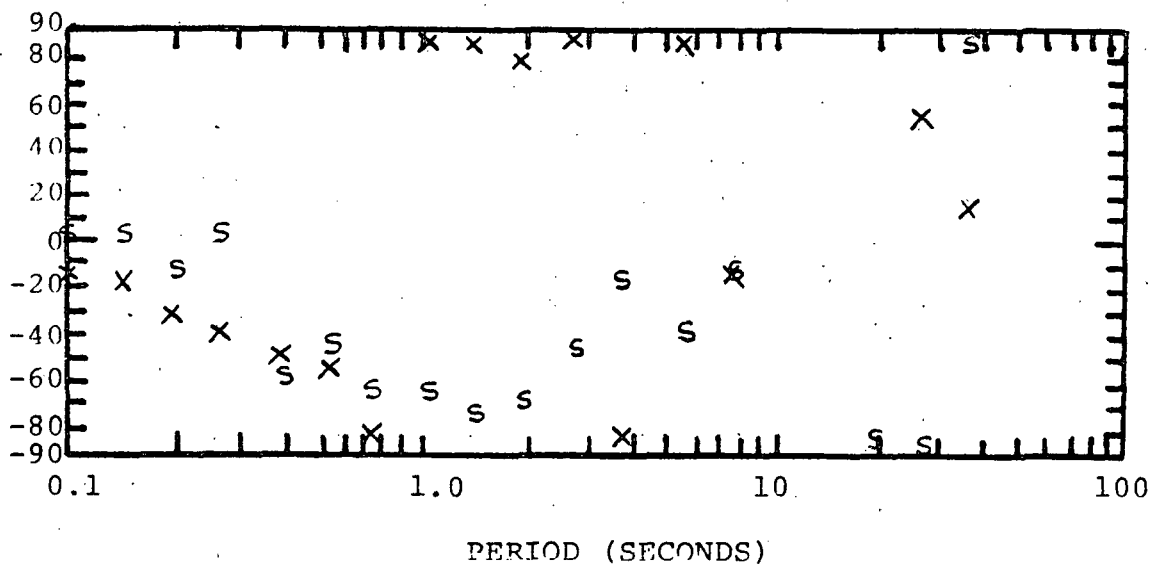


Y

ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

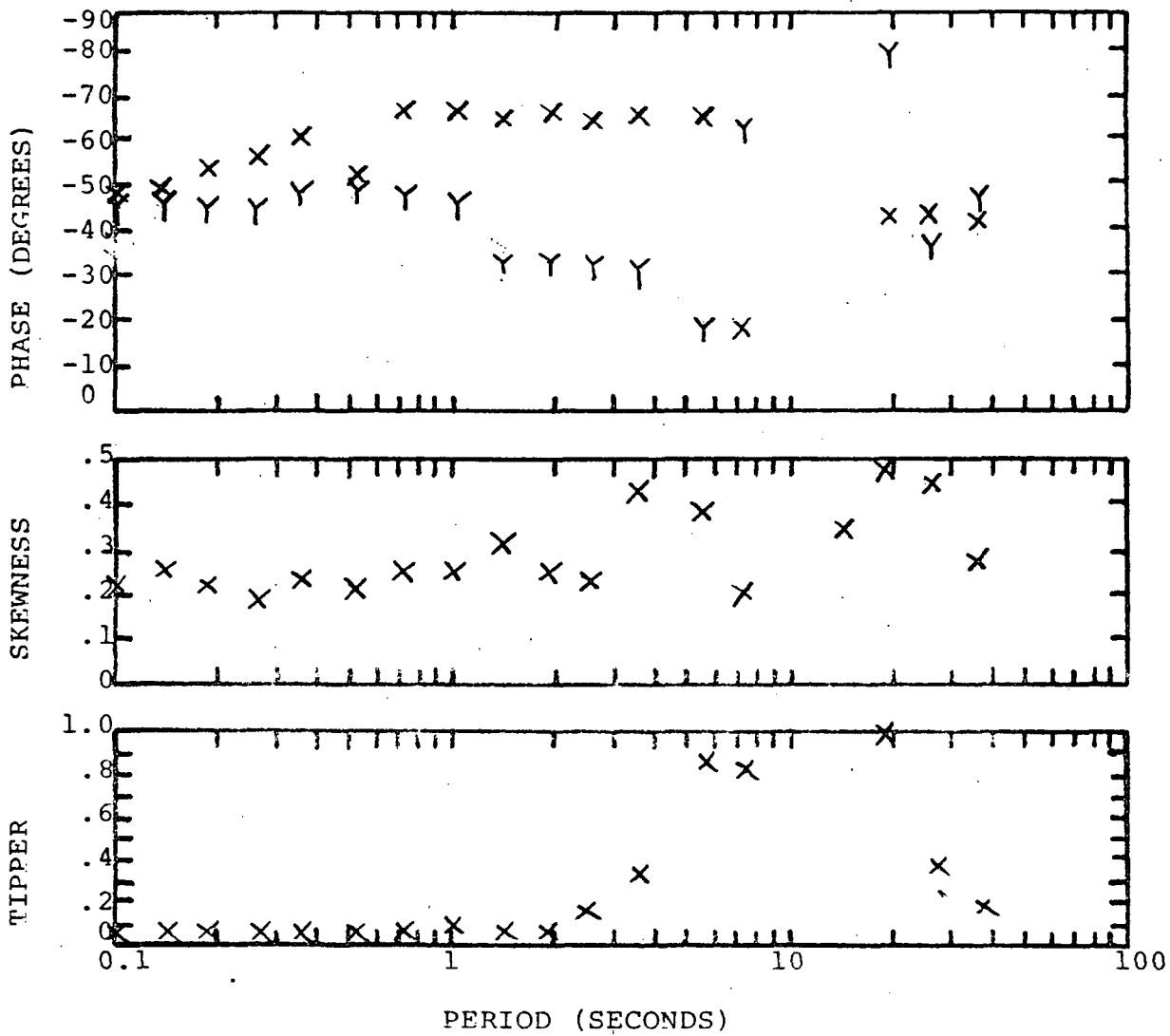


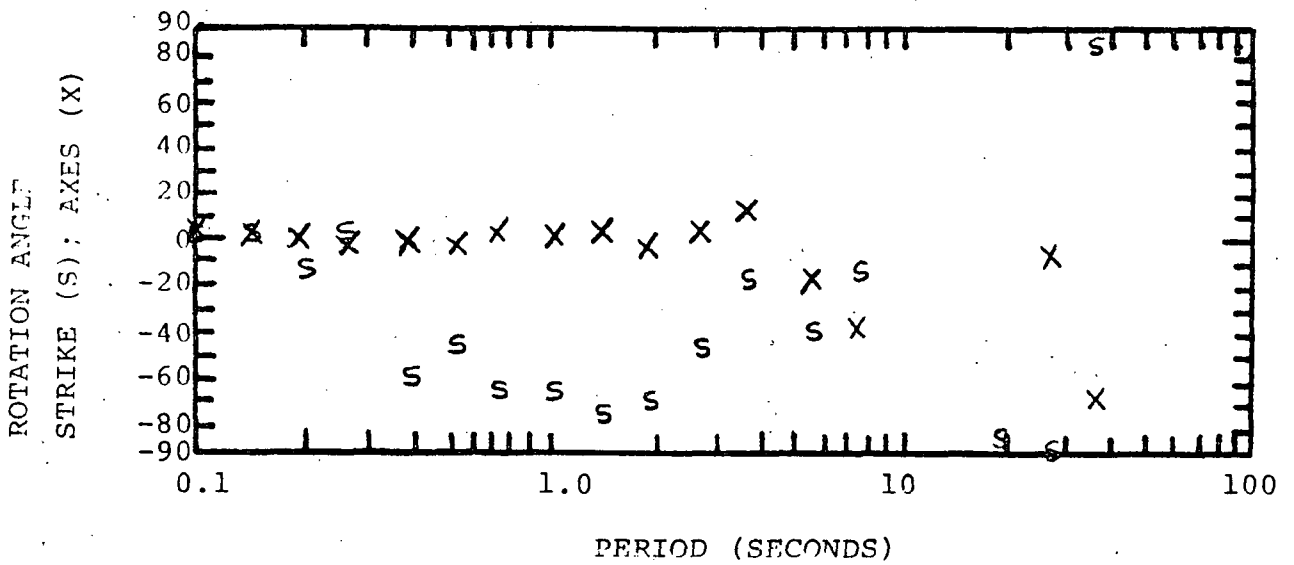
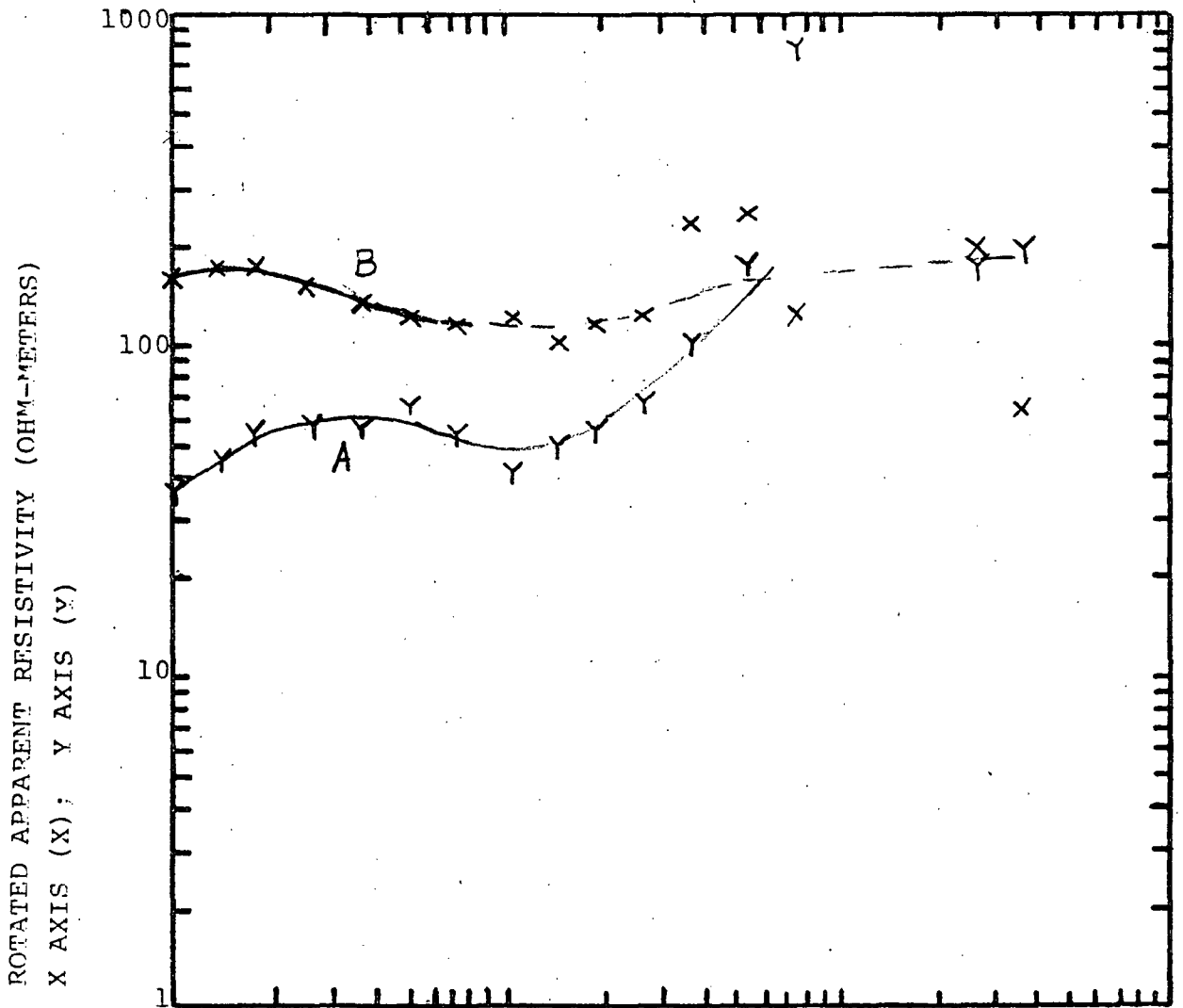
ROTATION ANGLE
STRIKE (S); AXES (X)



MCCOY, NEVADA

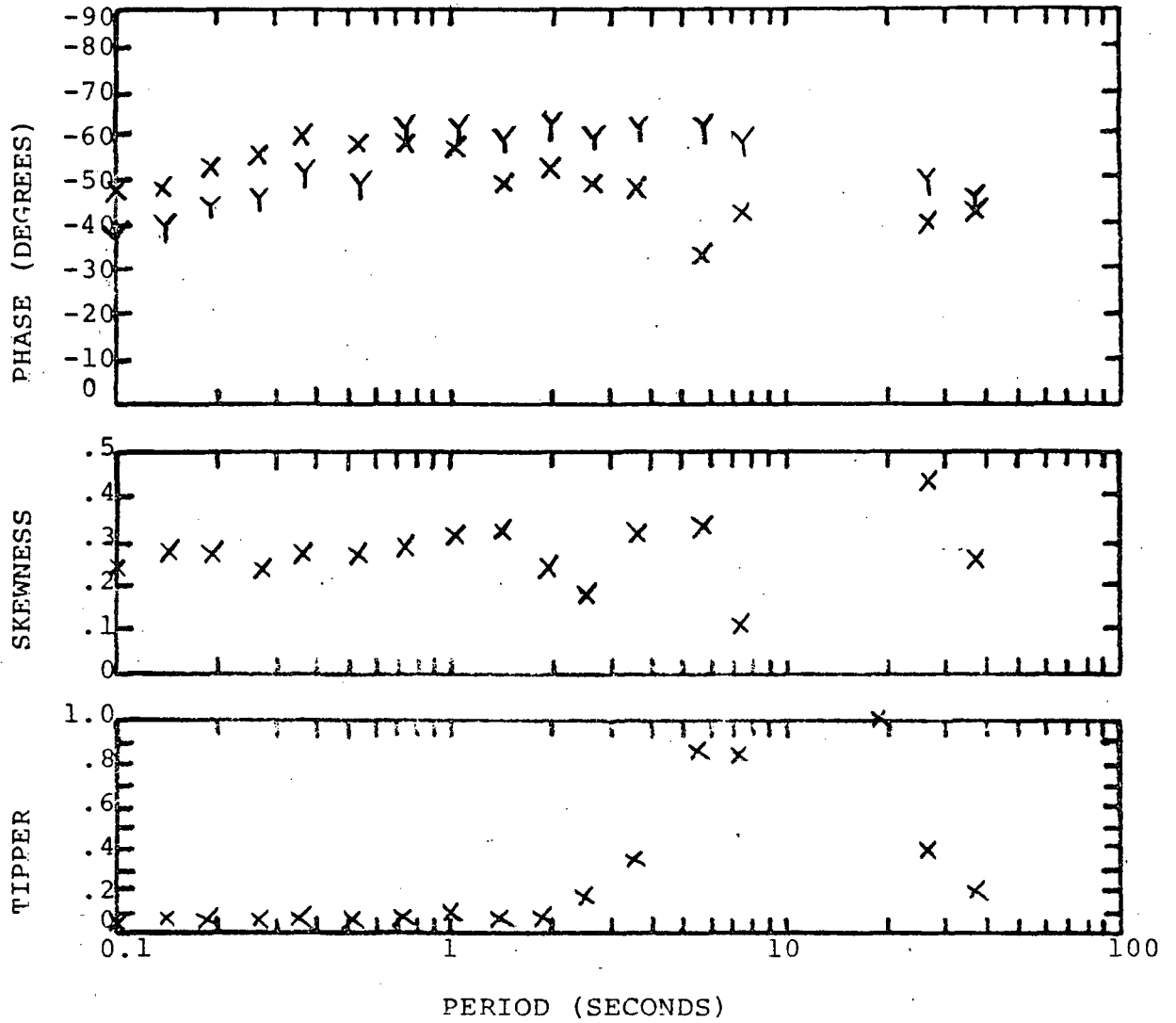
STATION A9



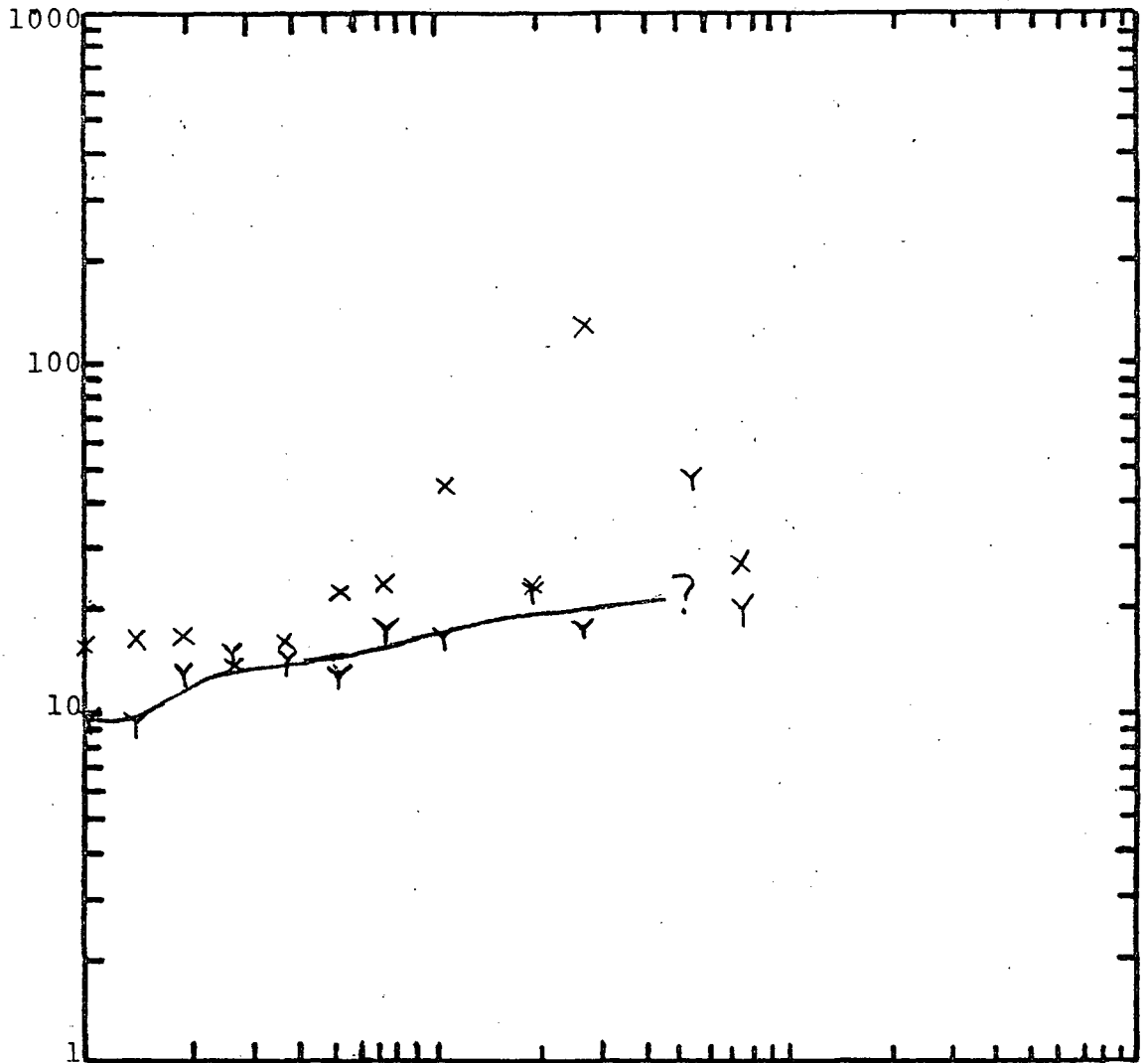


McCOY, NEVADA

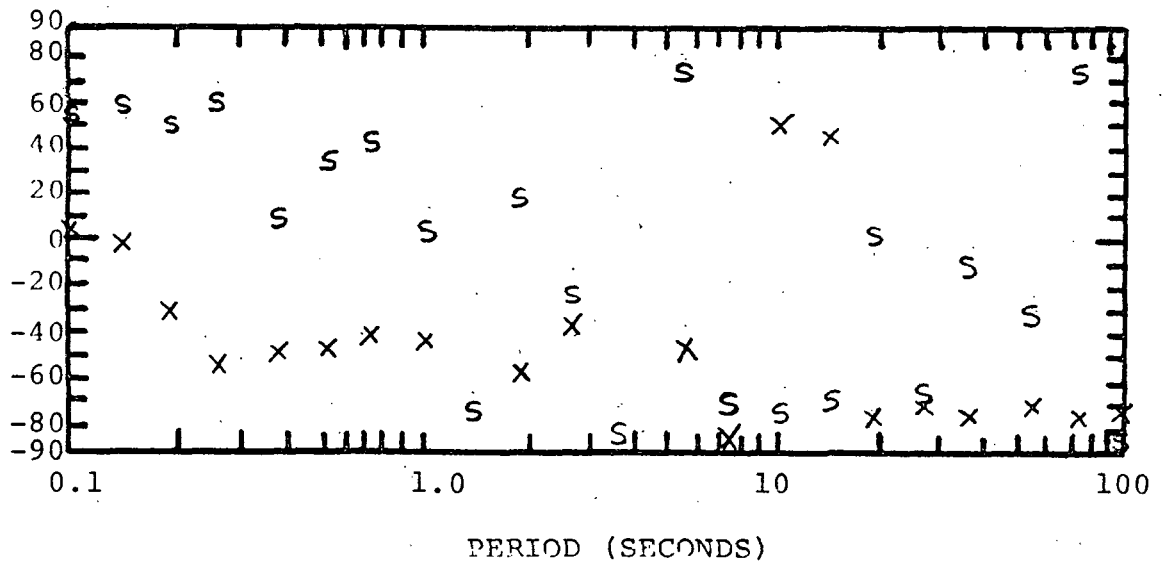
STATION 89



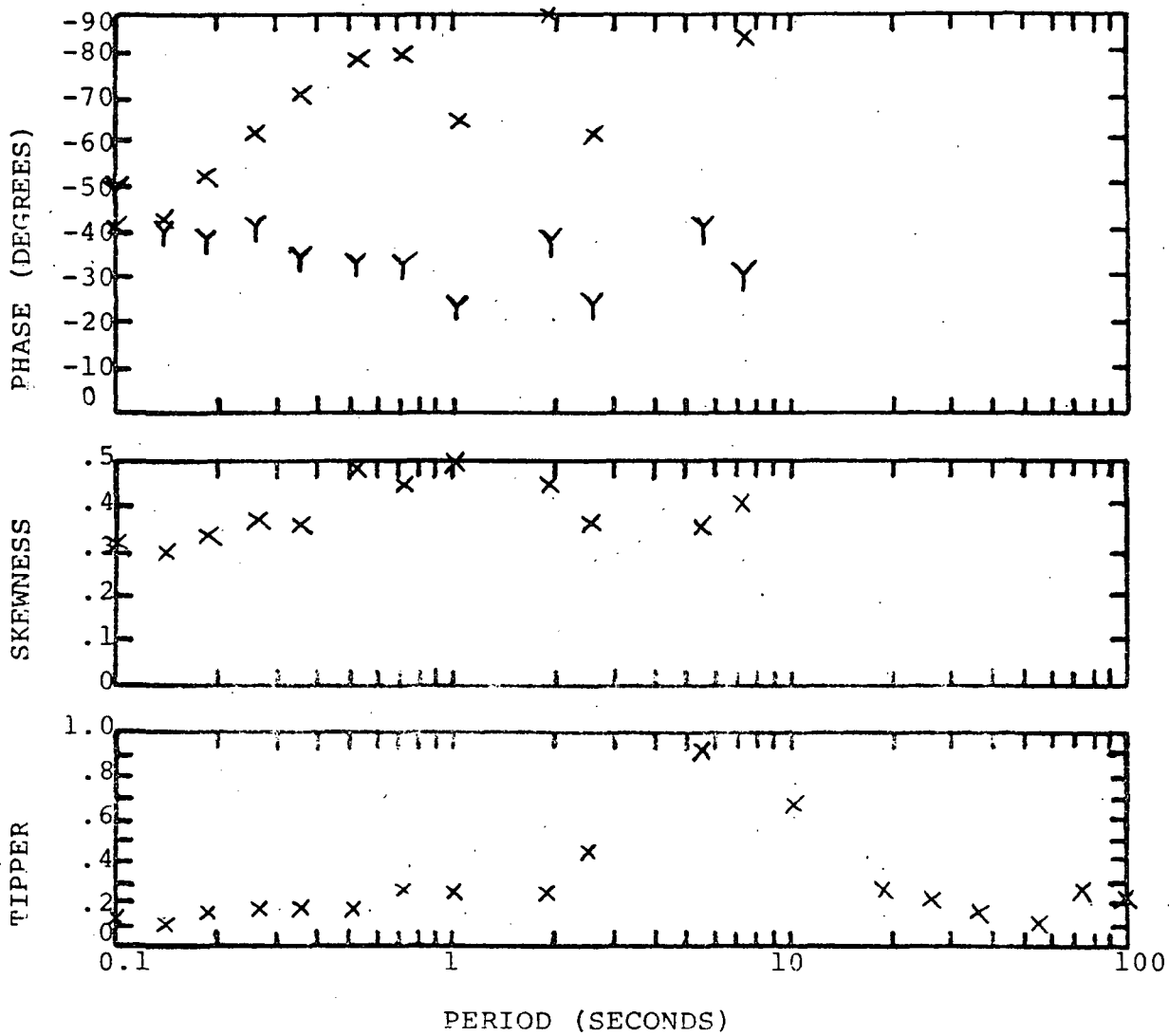
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



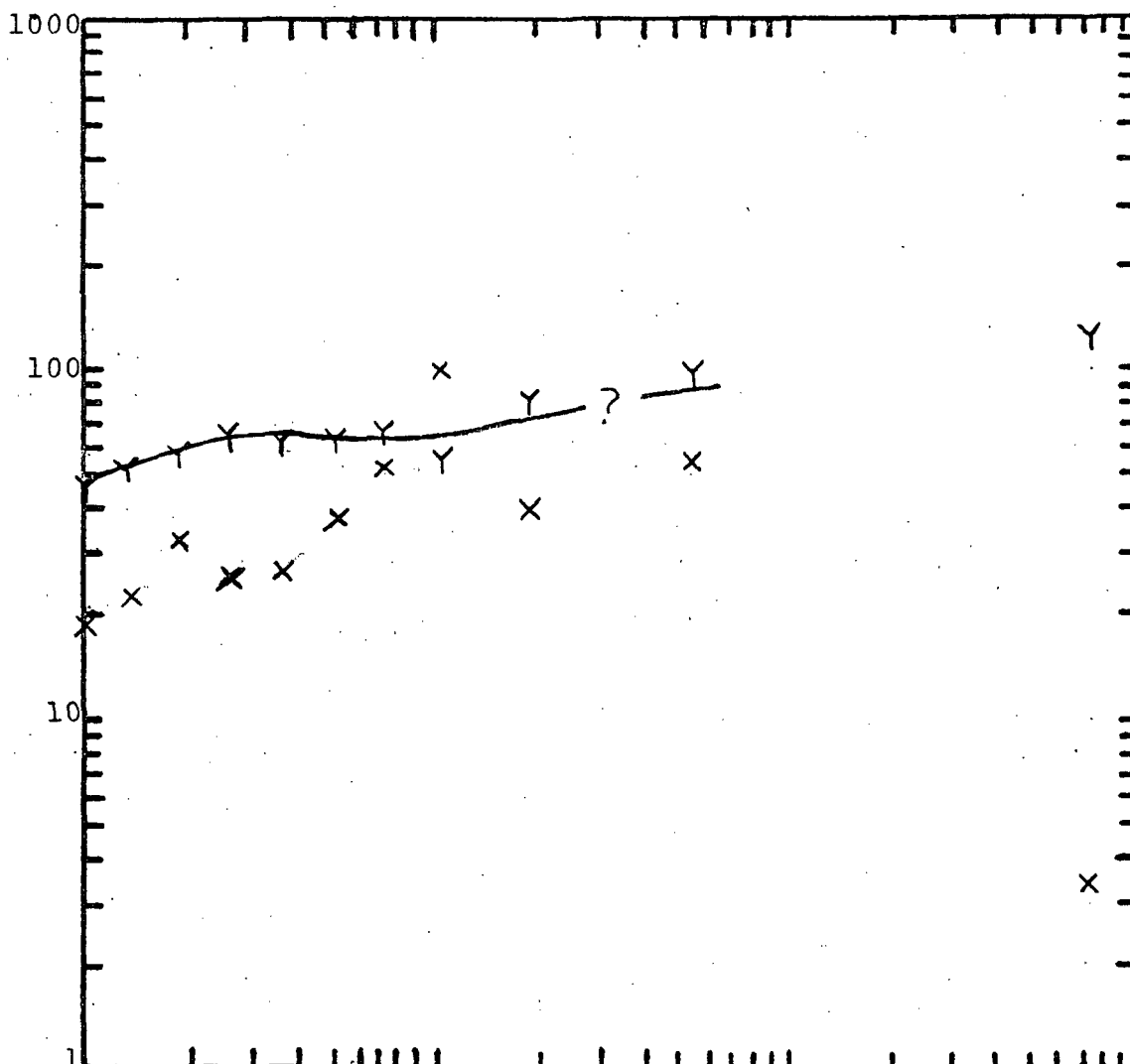
ROTATION ANGLE
STRIKE (S); AXES (X)



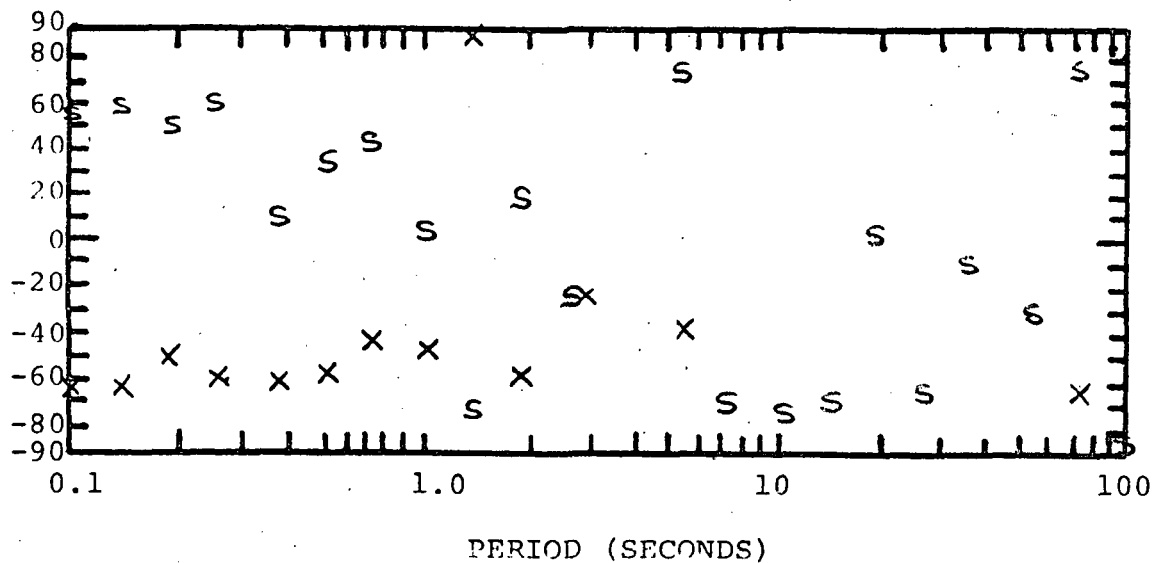
McCOY, NEVADA
 STATION M10



ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

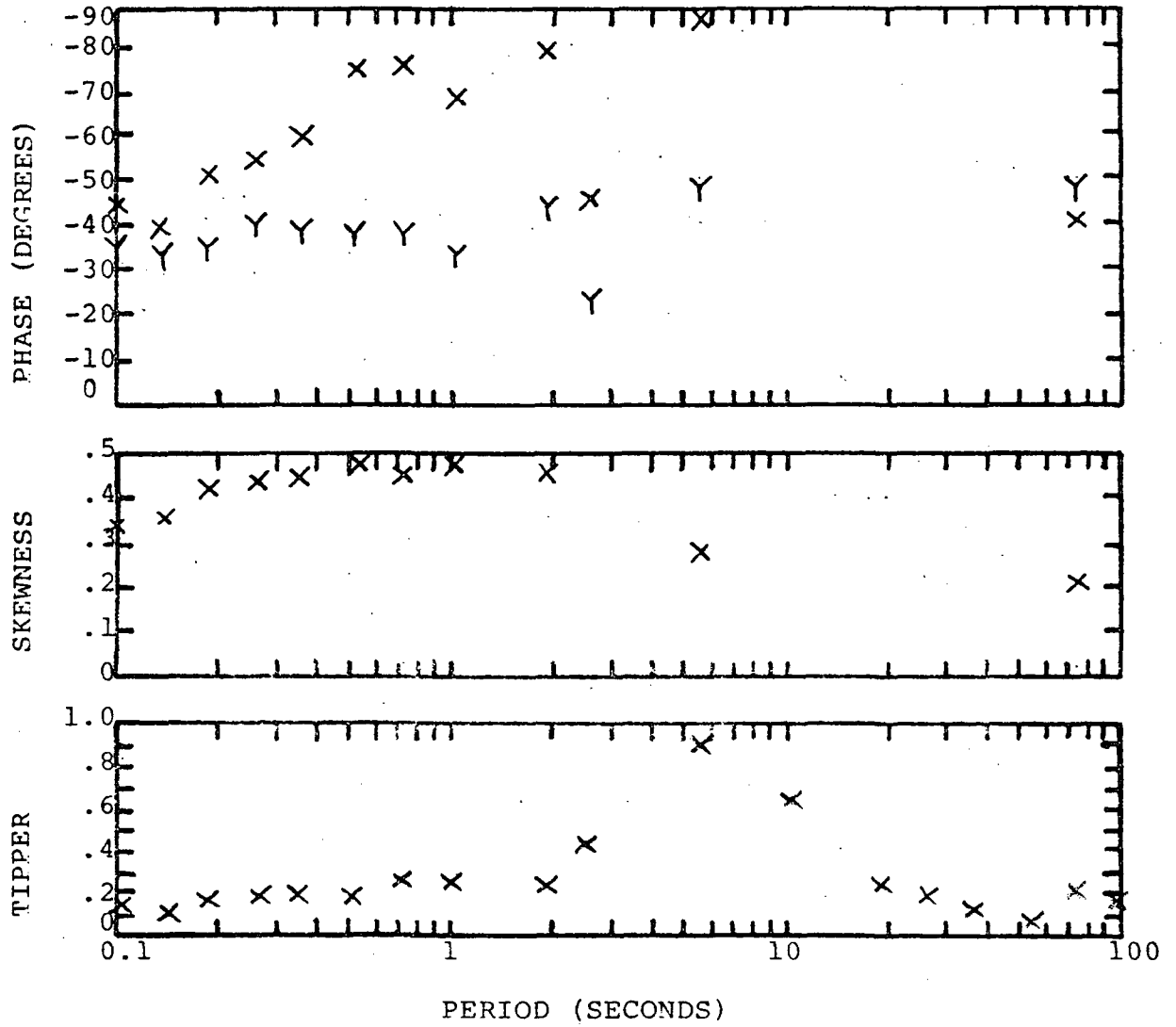


ROTATION ANGLE
STRIKE (S); AXES (X)

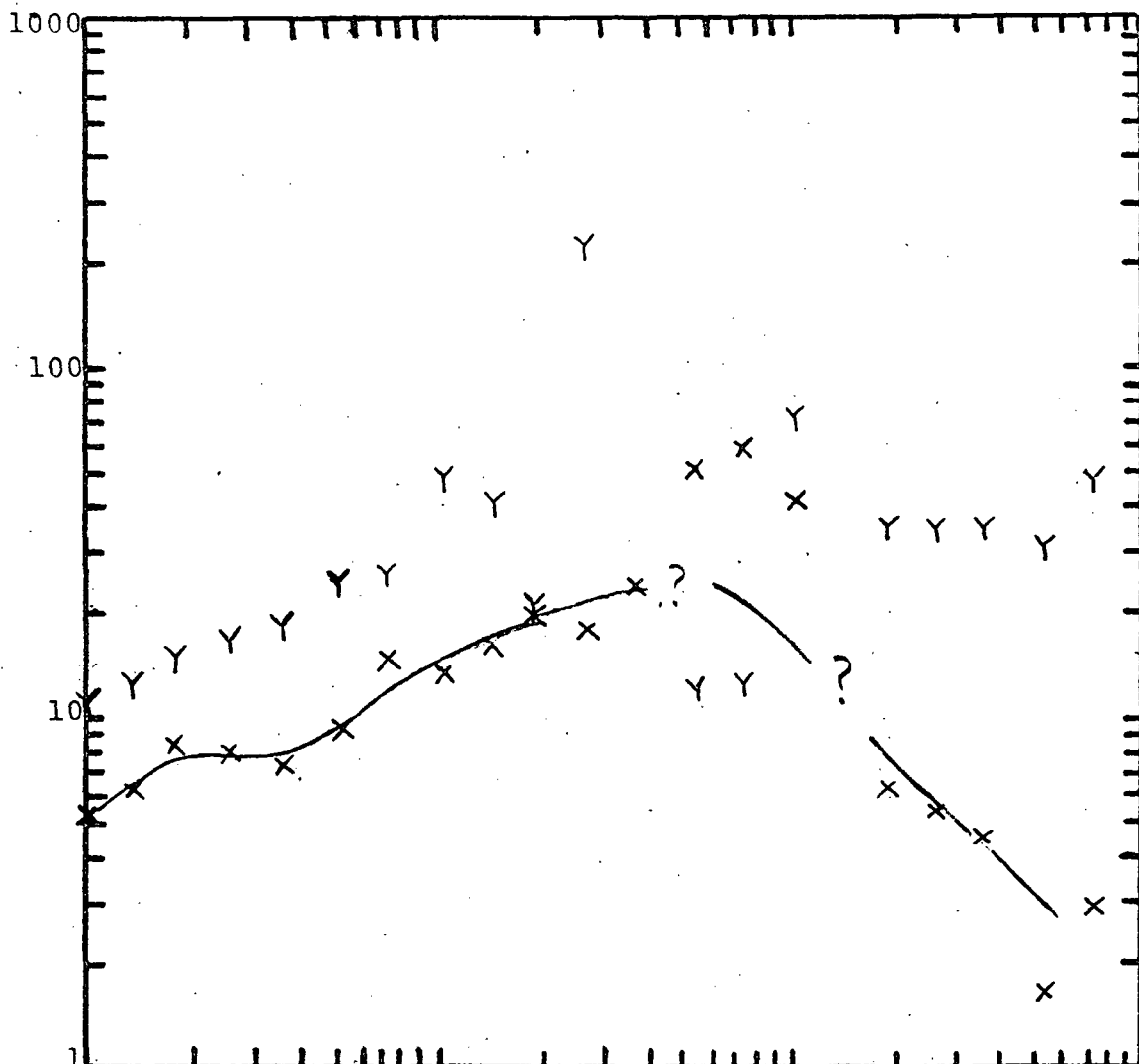


McCOY, NEVADA

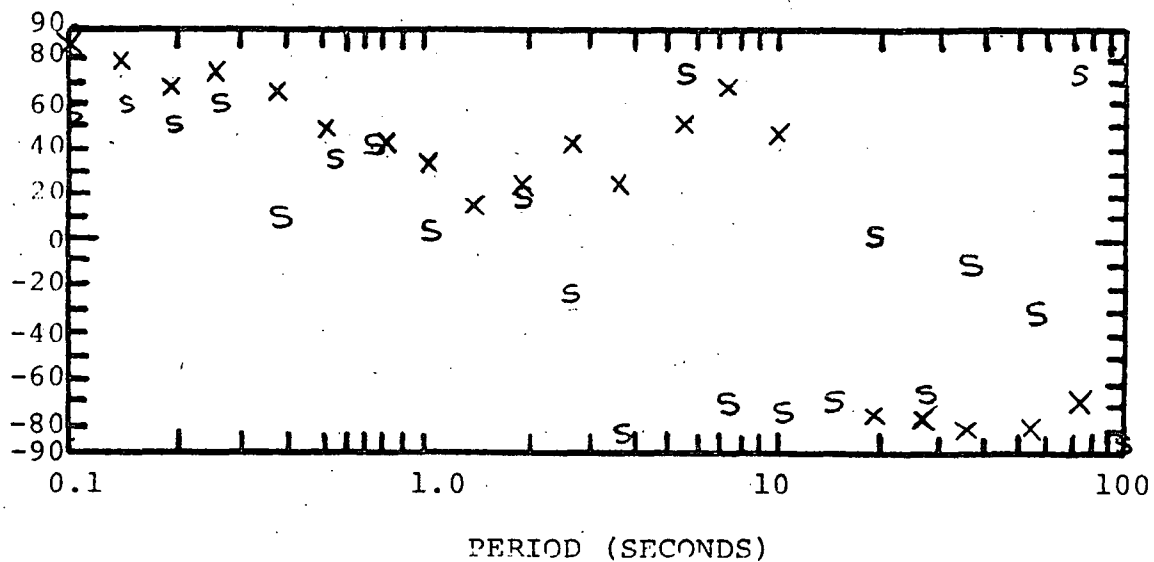
STATION A10



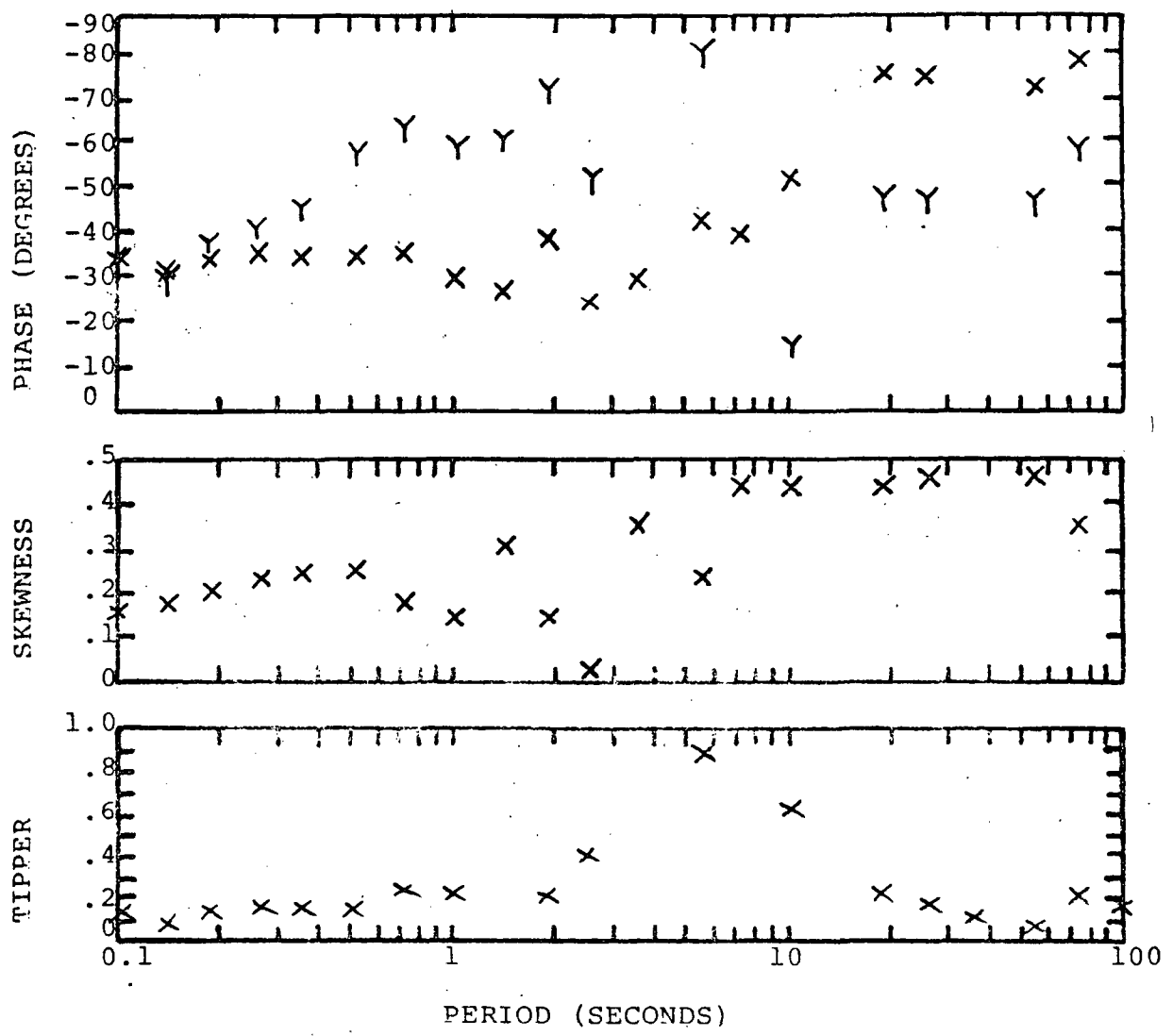
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



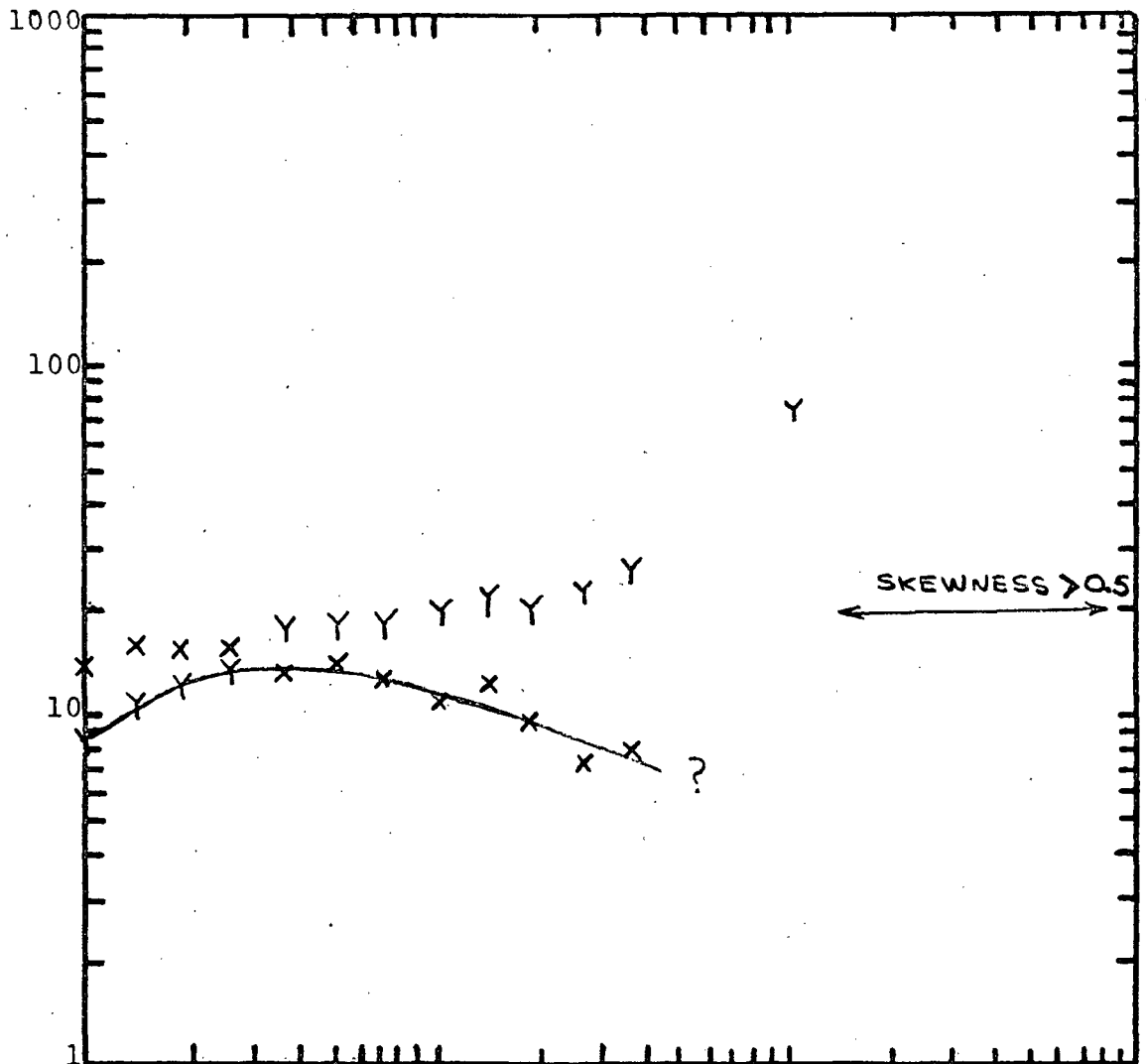
ROTATION ANGLE
STRIKE (S); AXES (X)



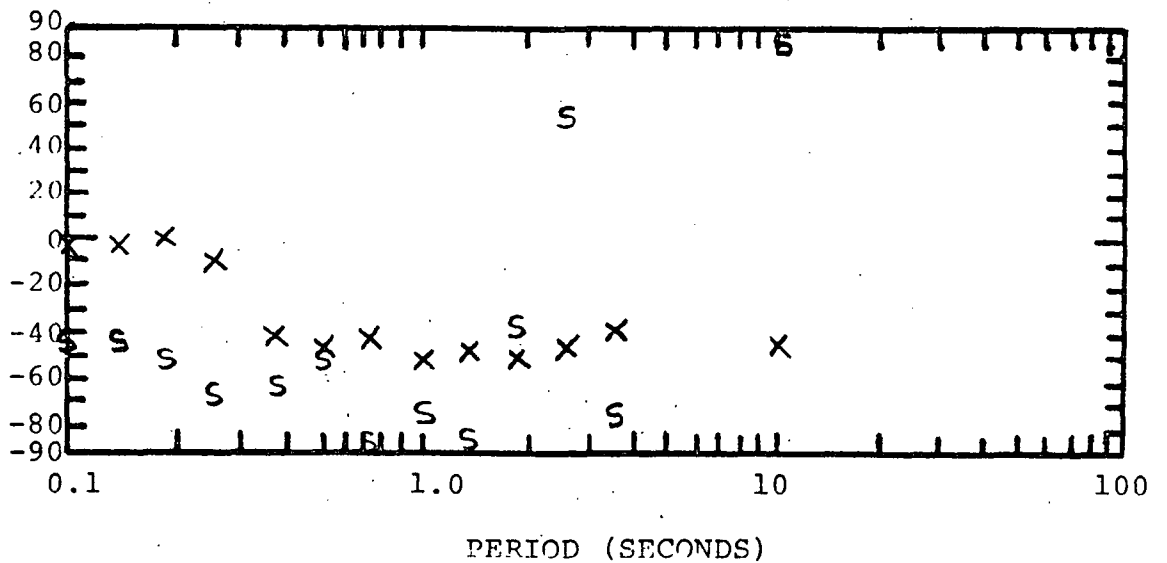
McCOY, NEVADA
STATION B10



ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

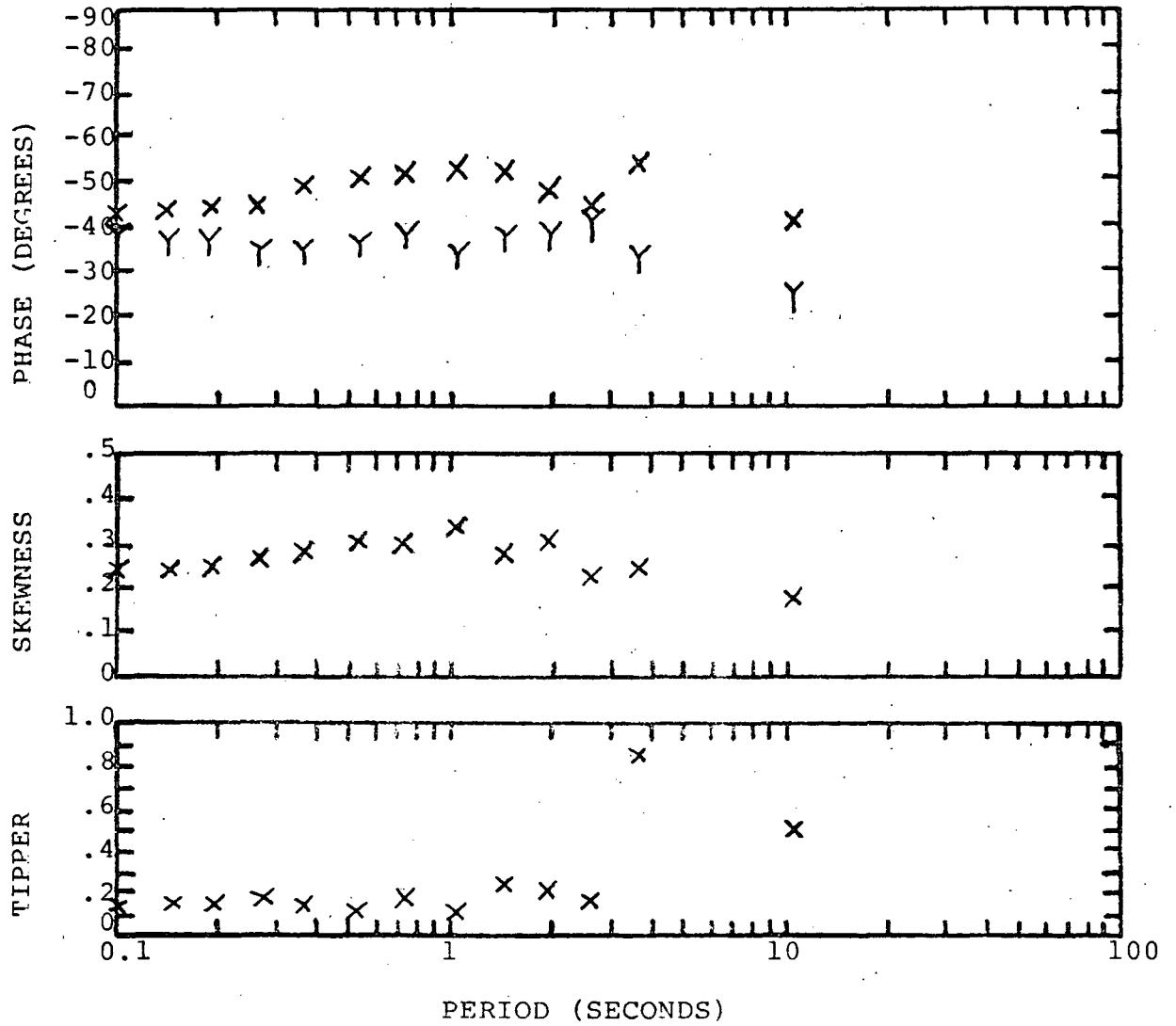


ROTATION ANGLE
STRIKE (S); AXES (X)

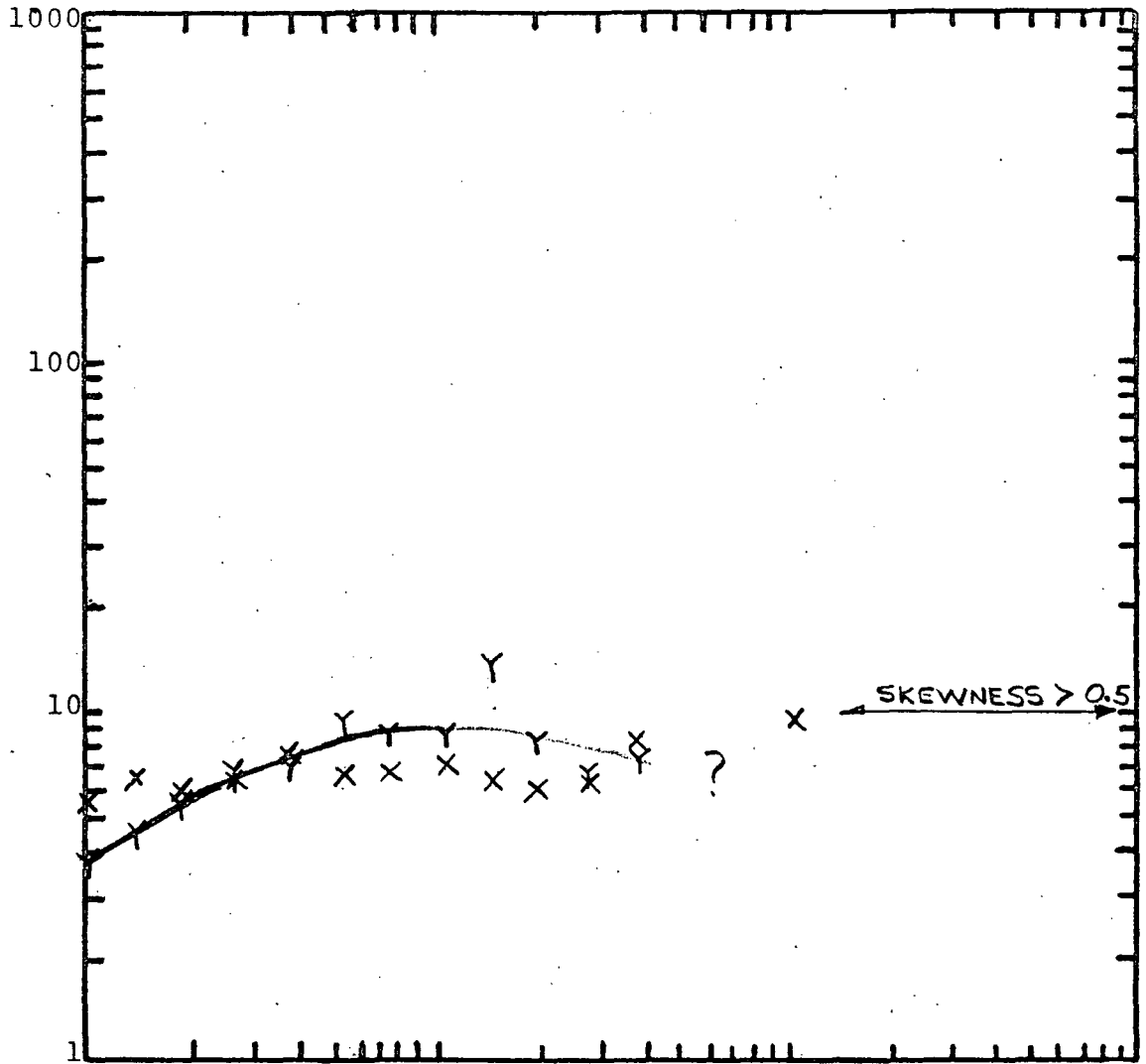


McCOY, NEVADA

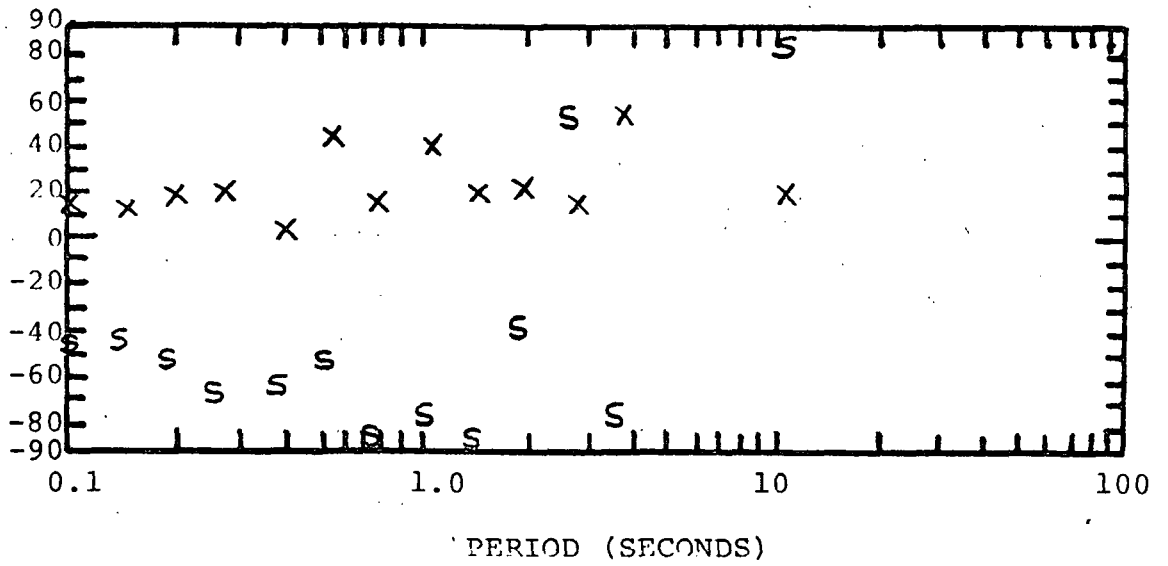
STATION M11



ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

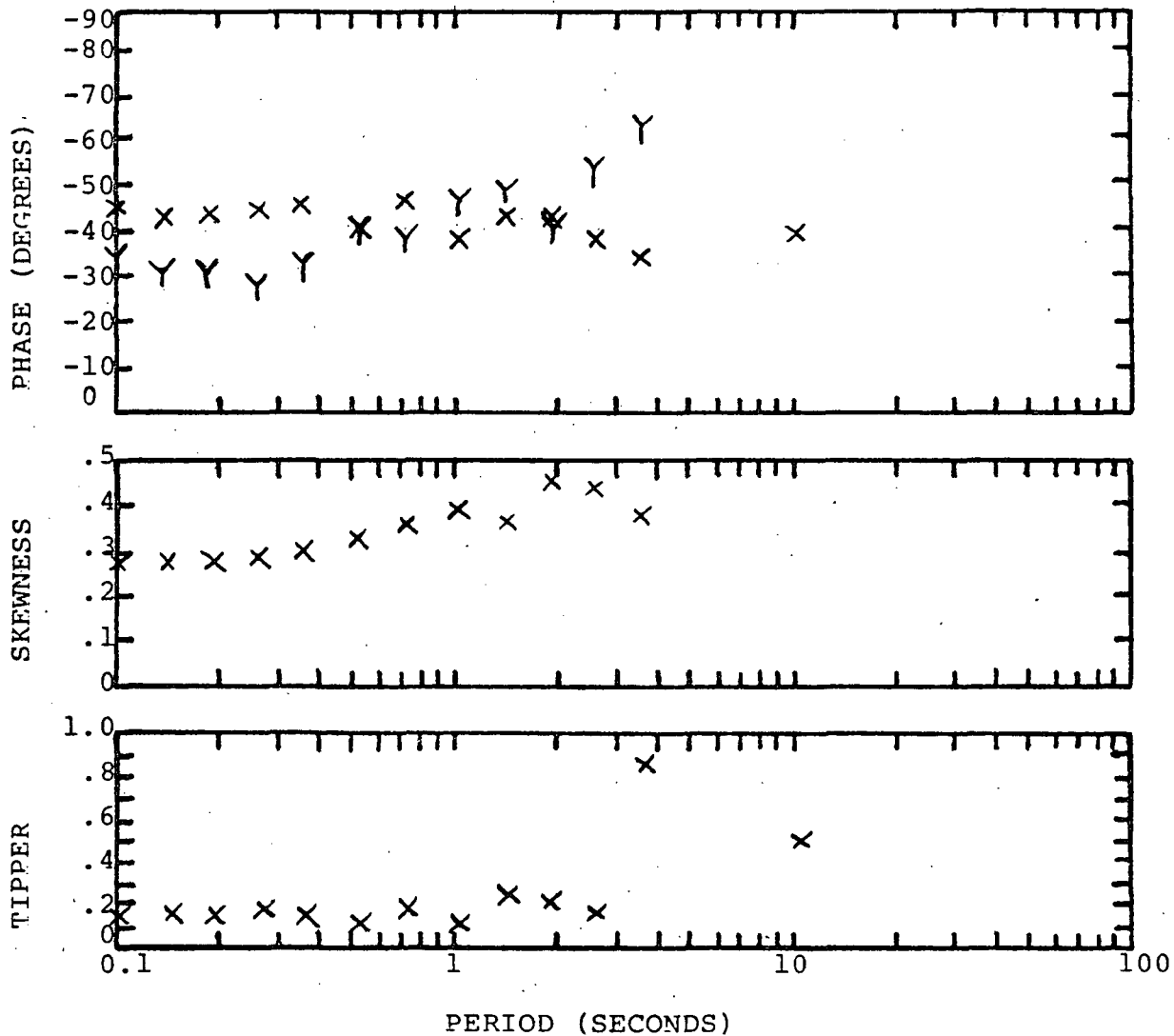


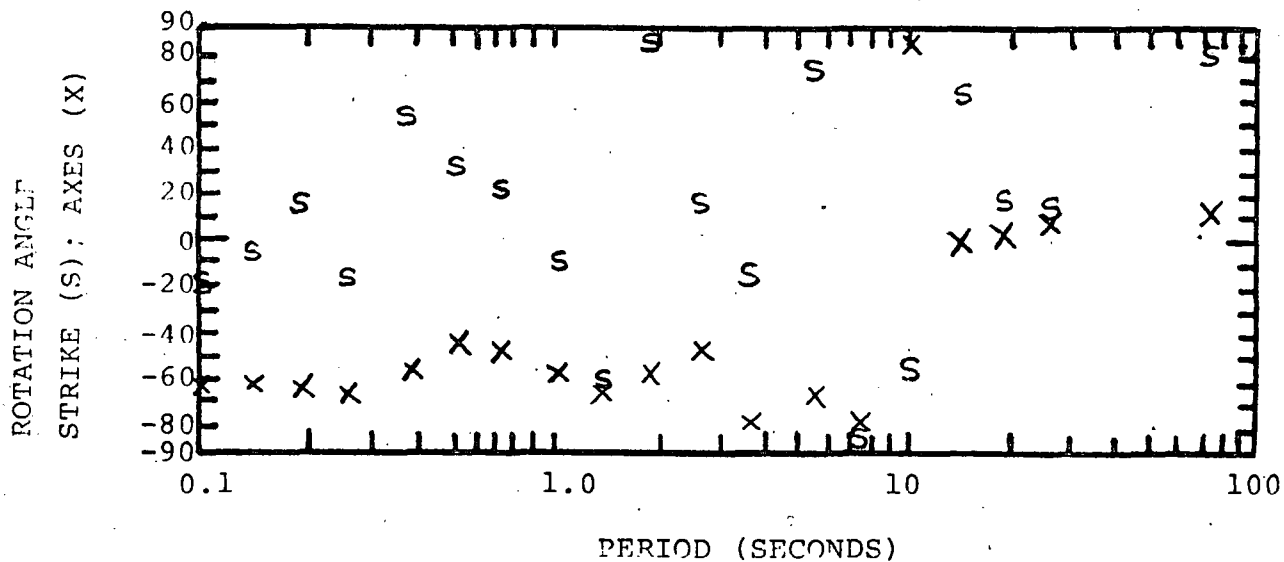
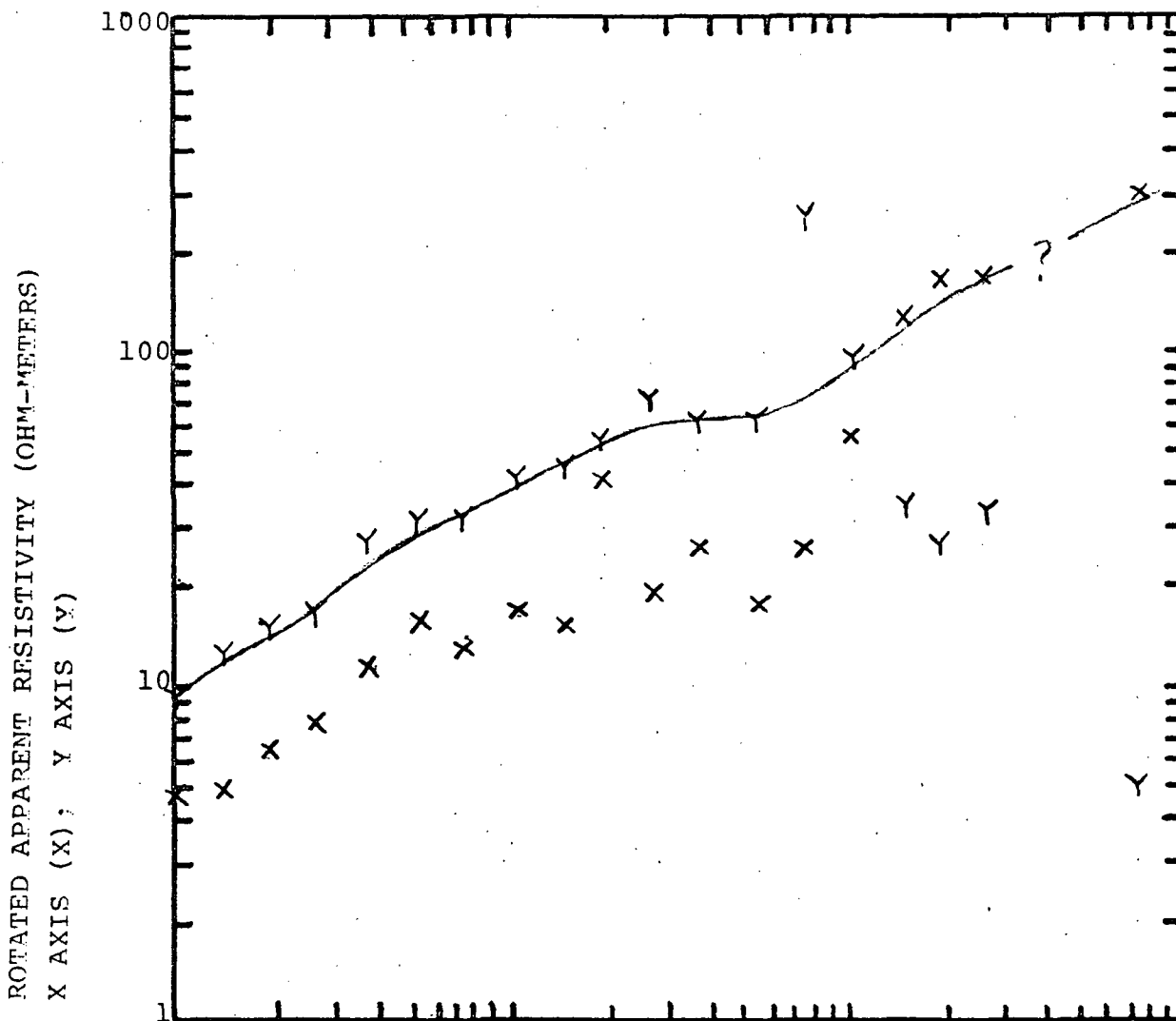
ROTATION ANGLE
STRIKE (S); AXES (X)



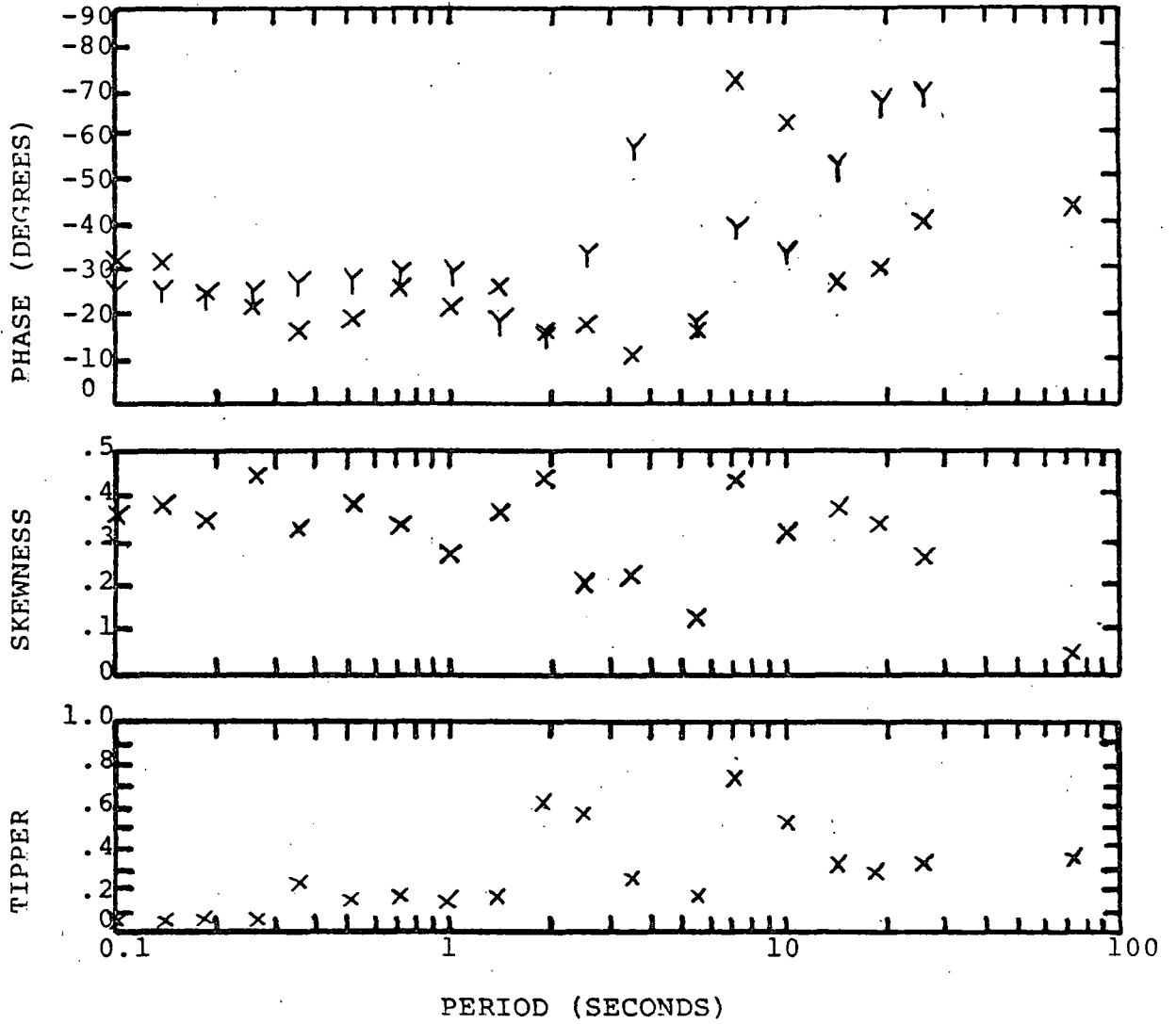
McCOY, NEVADA

STATION All





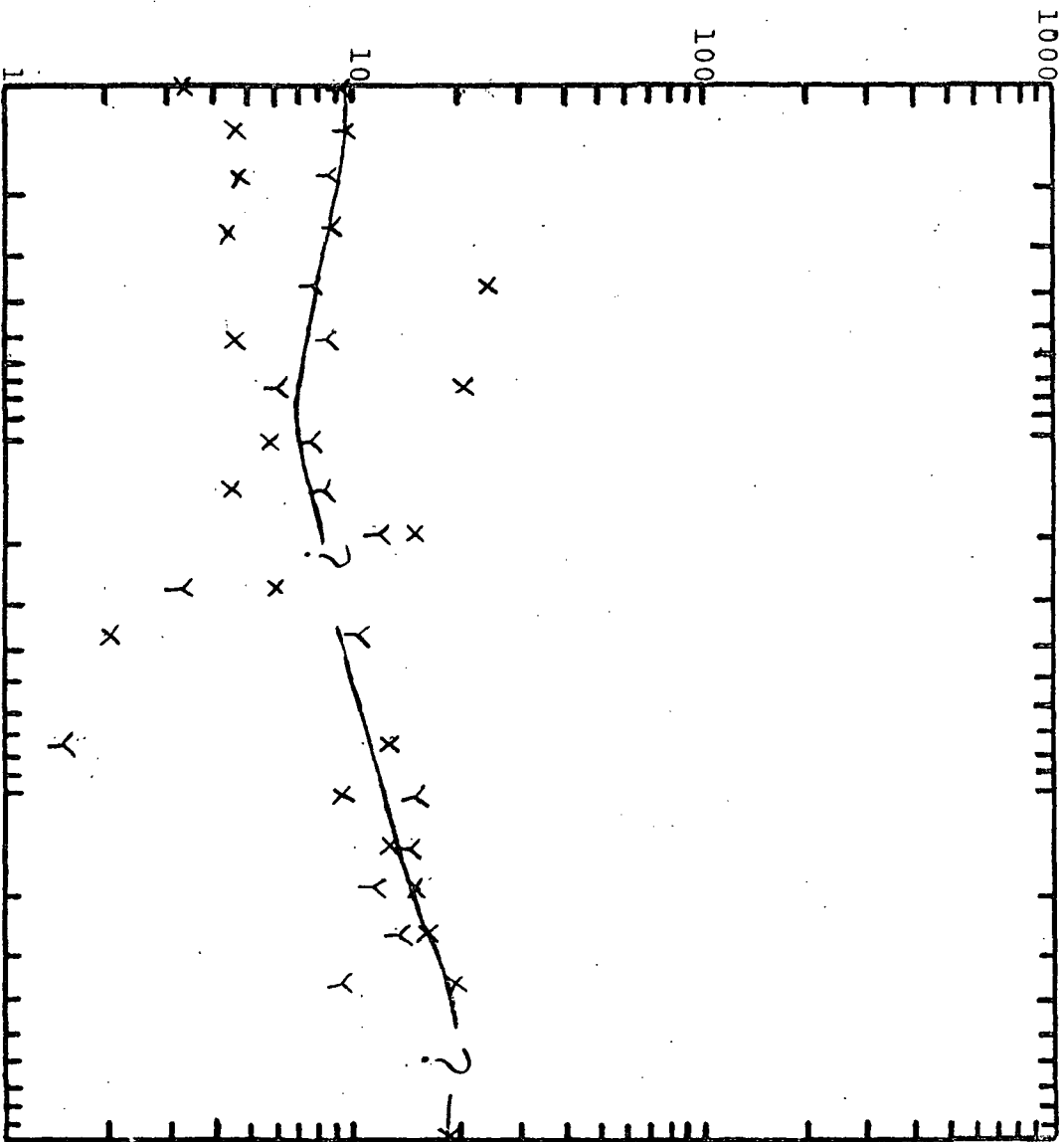
McCOY, NEVADA
 STATION M12



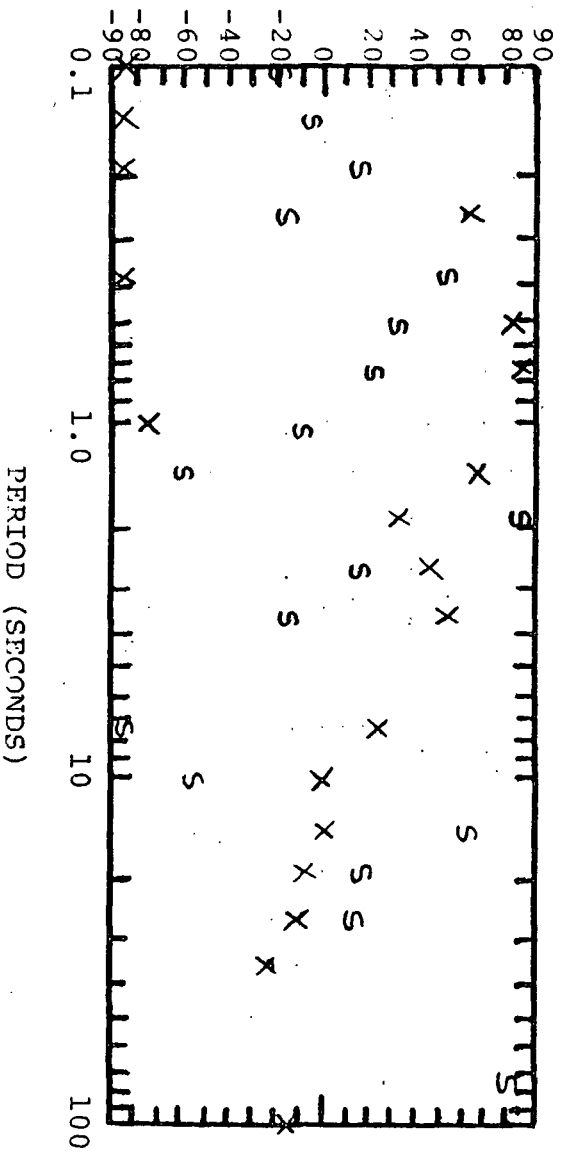
PROSPECT MCCOY, NEVADA
STATION A12

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ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

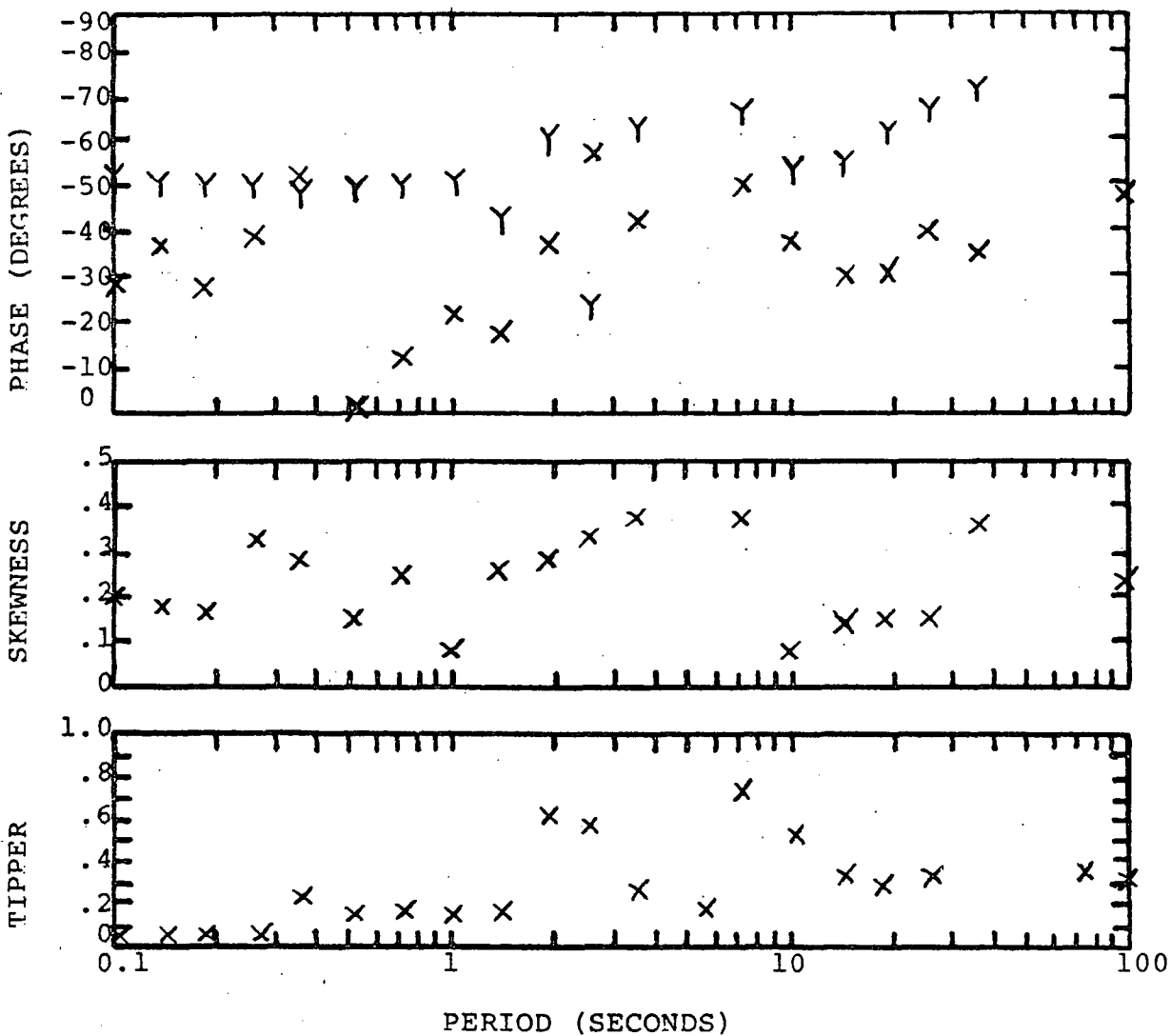


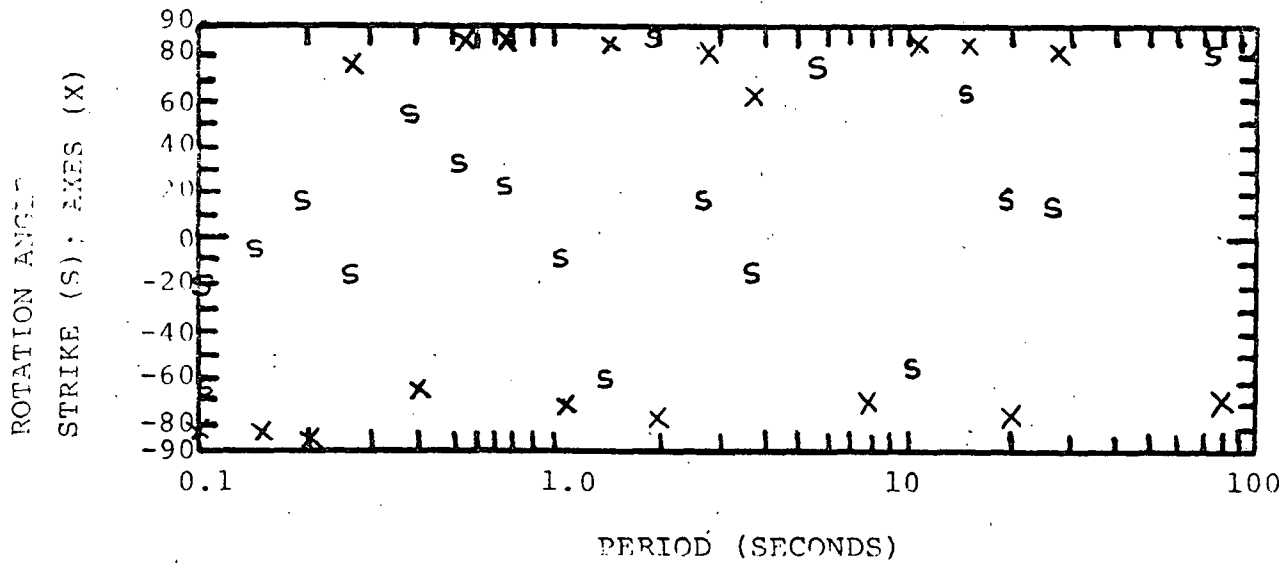
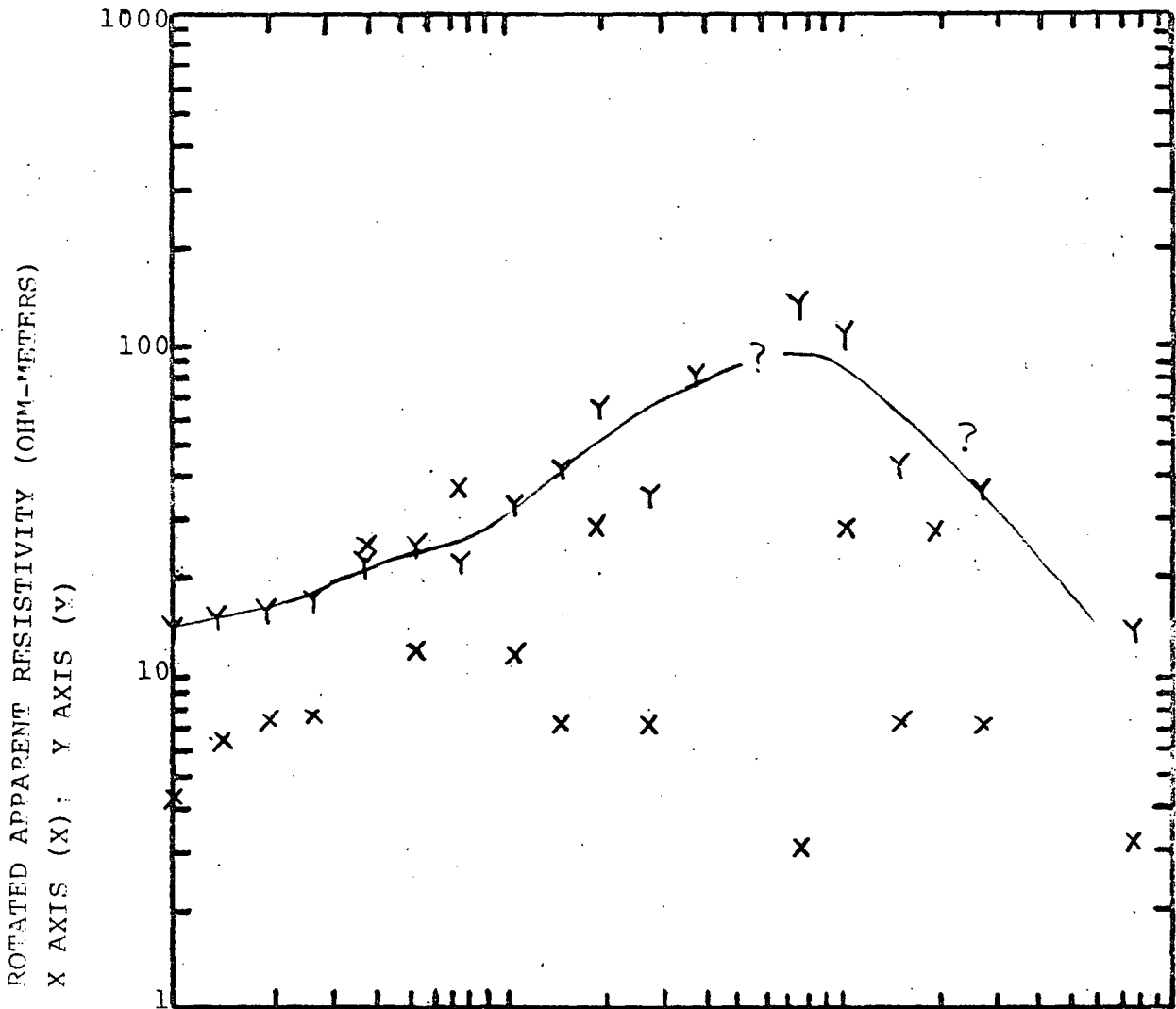
ROTATION ANGLE
STRIKE (S); AXES (X)



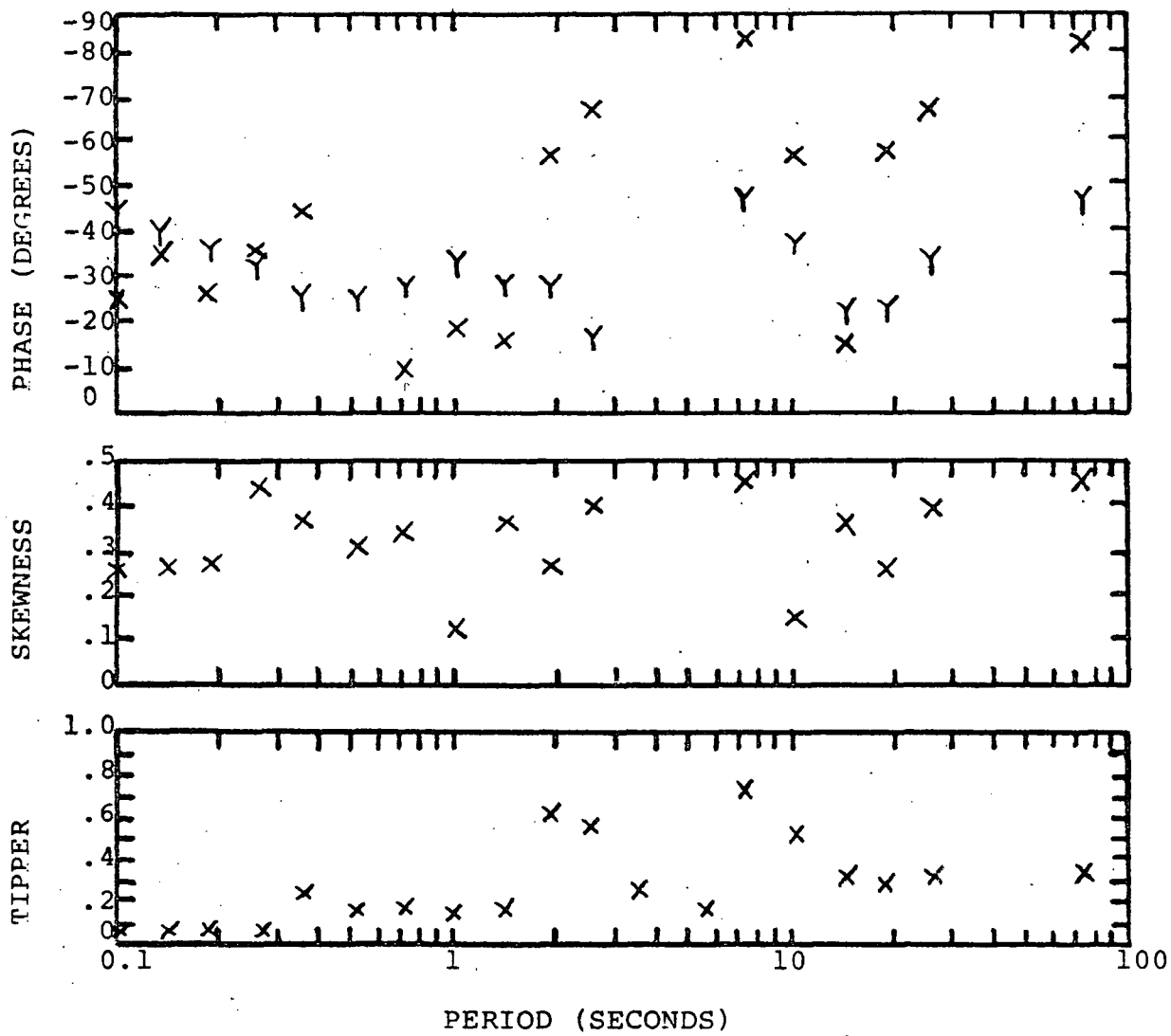
McCOY, NEVADA

STATION A12





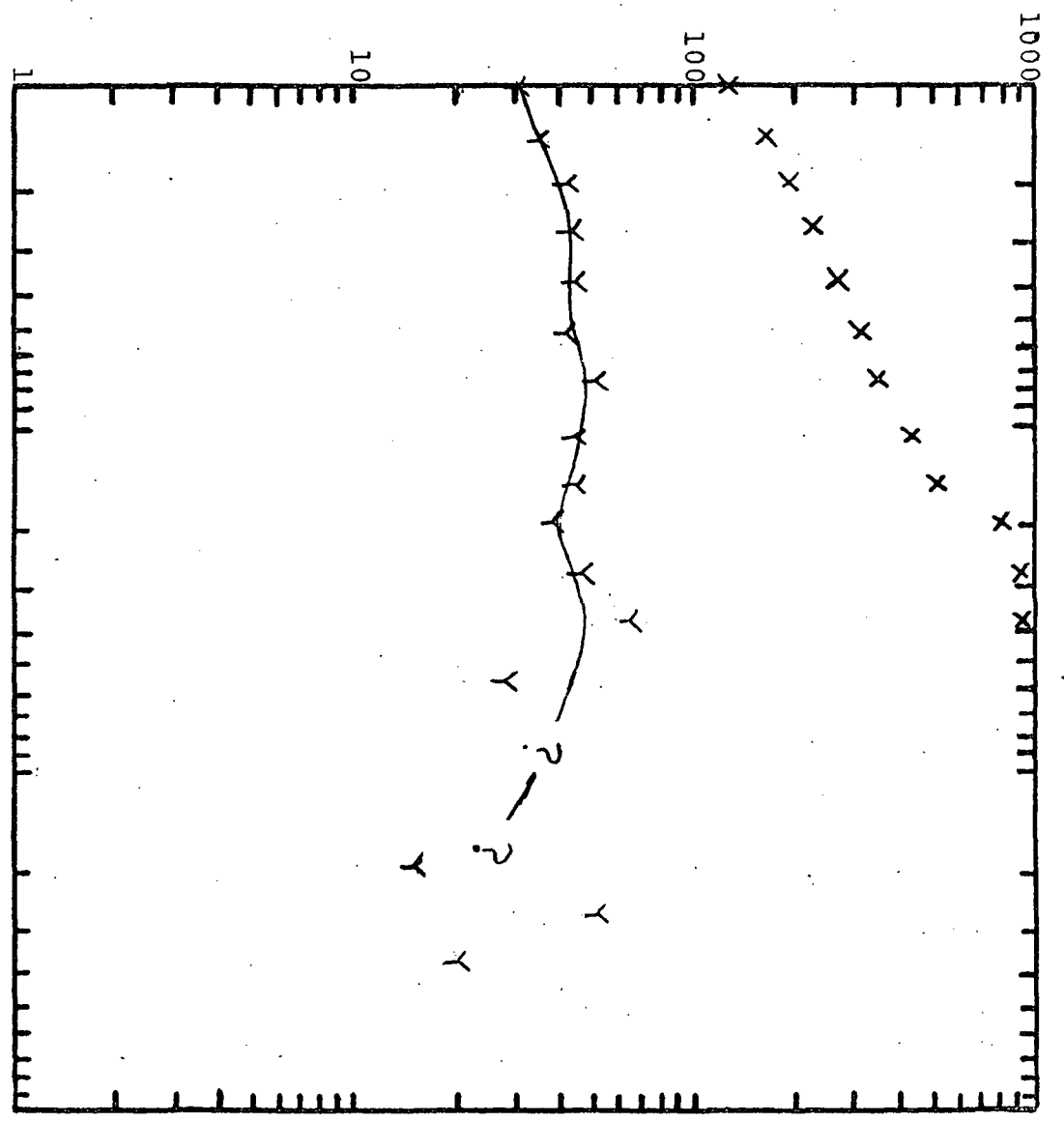
McCOY, NEVADA
 STATION B12



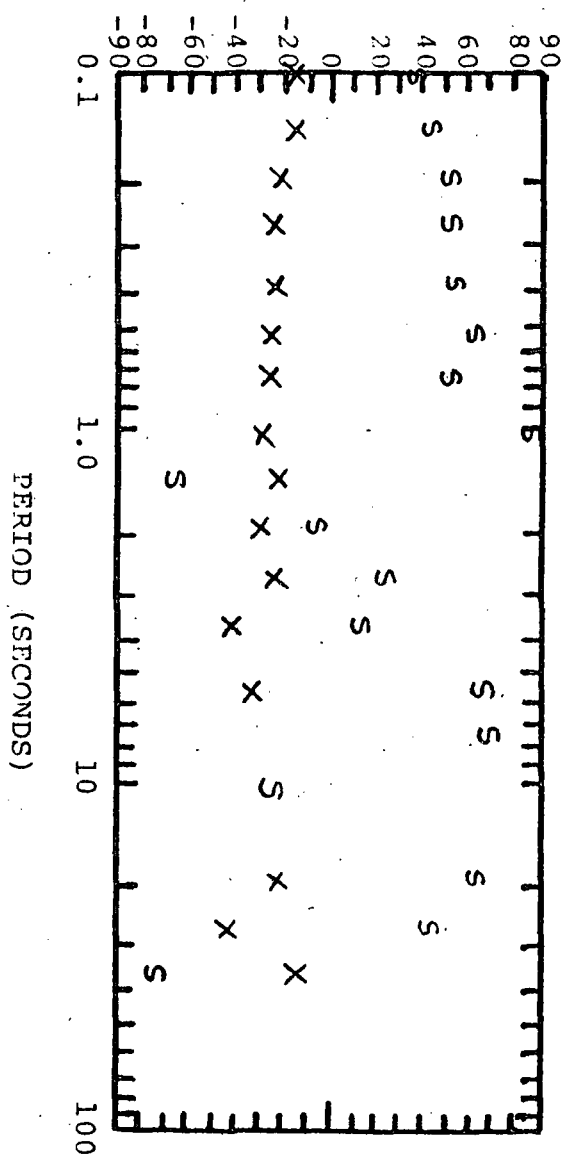
PROSPECT MCCOY, NEVADA
STATION M13

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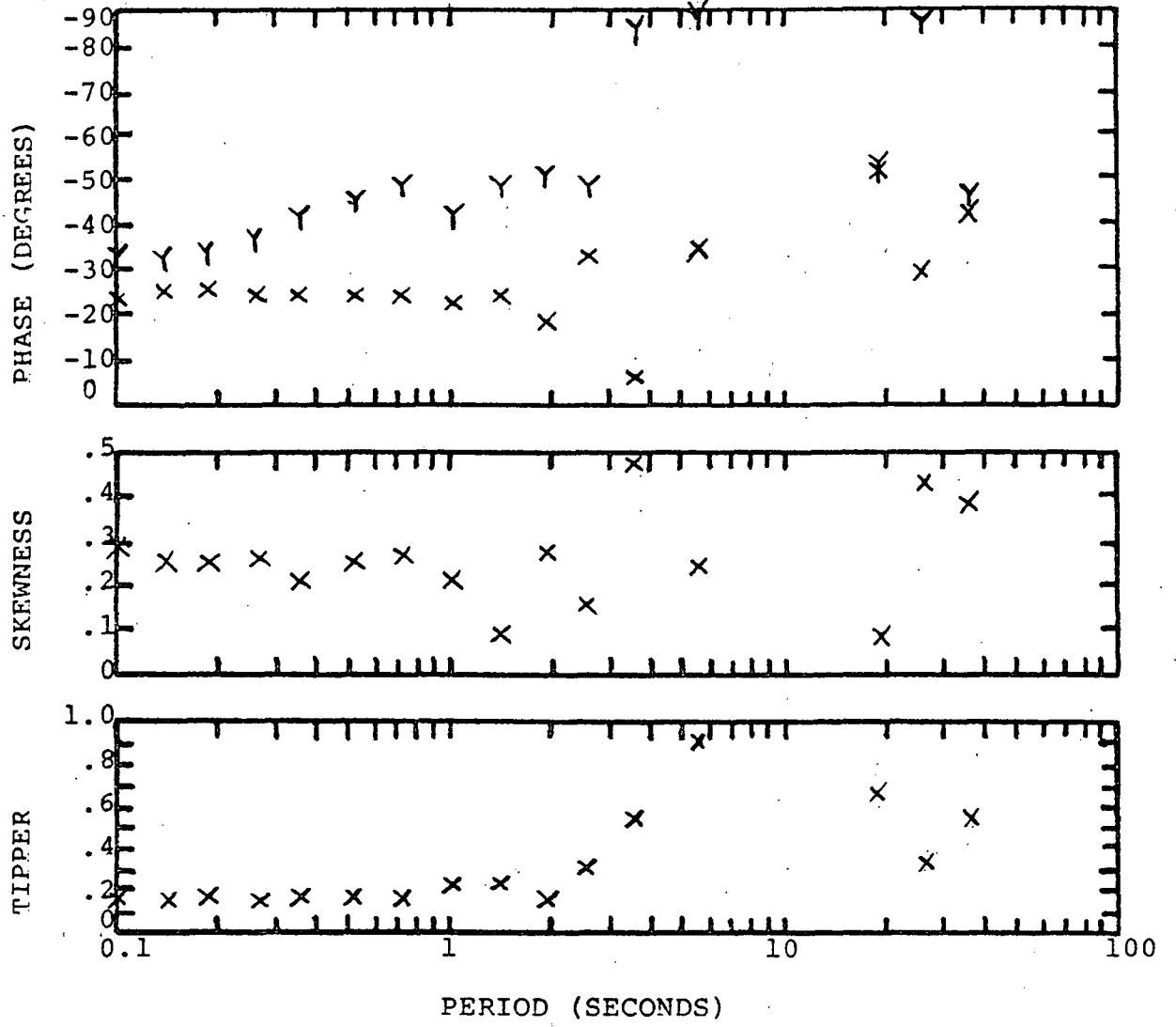
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



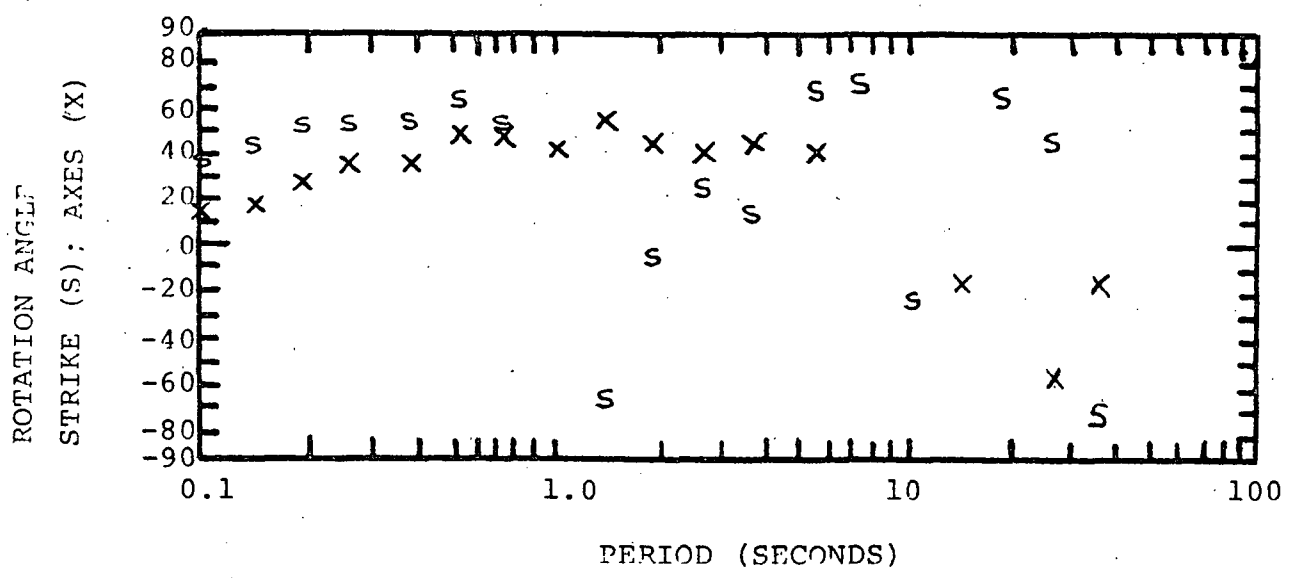
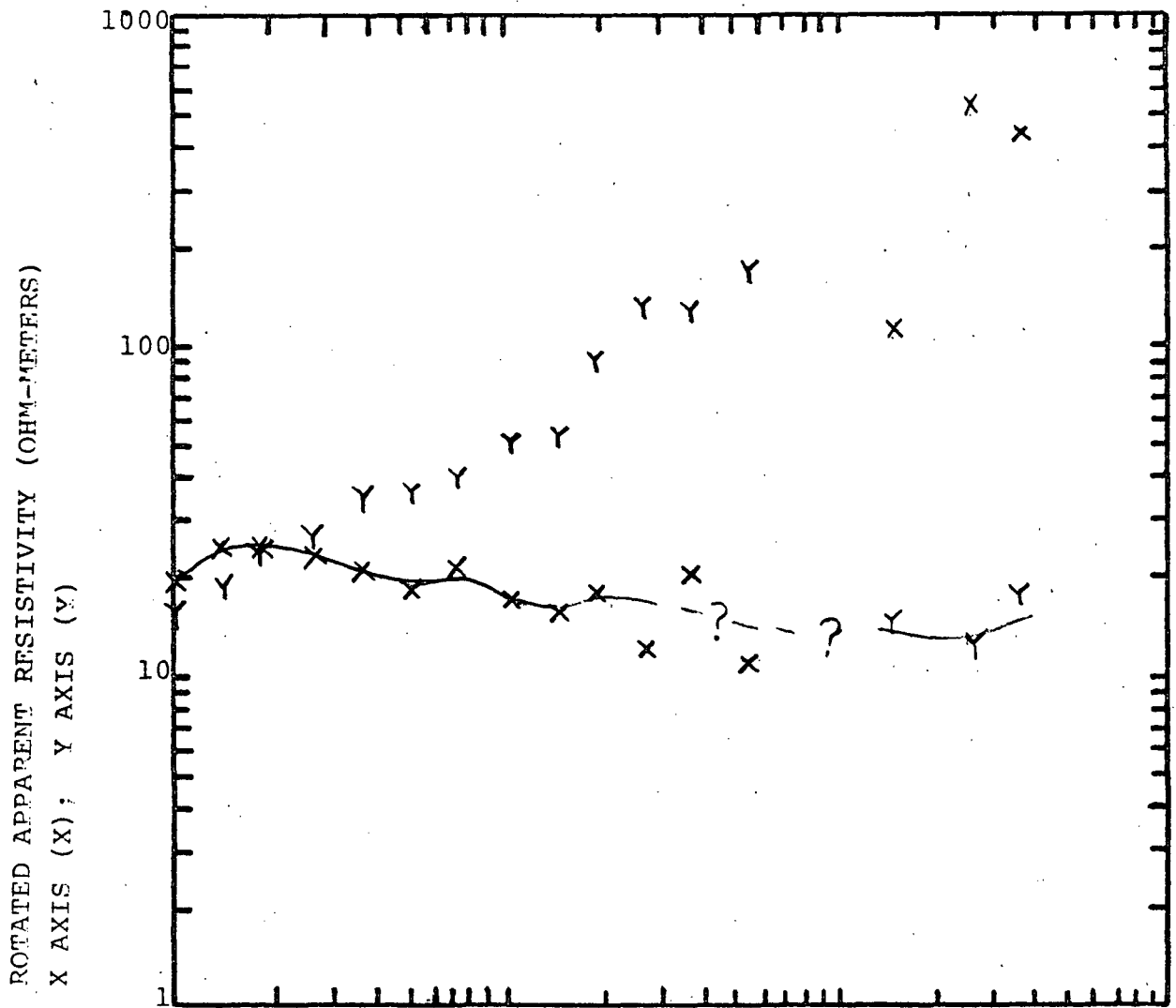
ROTATION ANGLE
STRIKE (S); AXES (X)



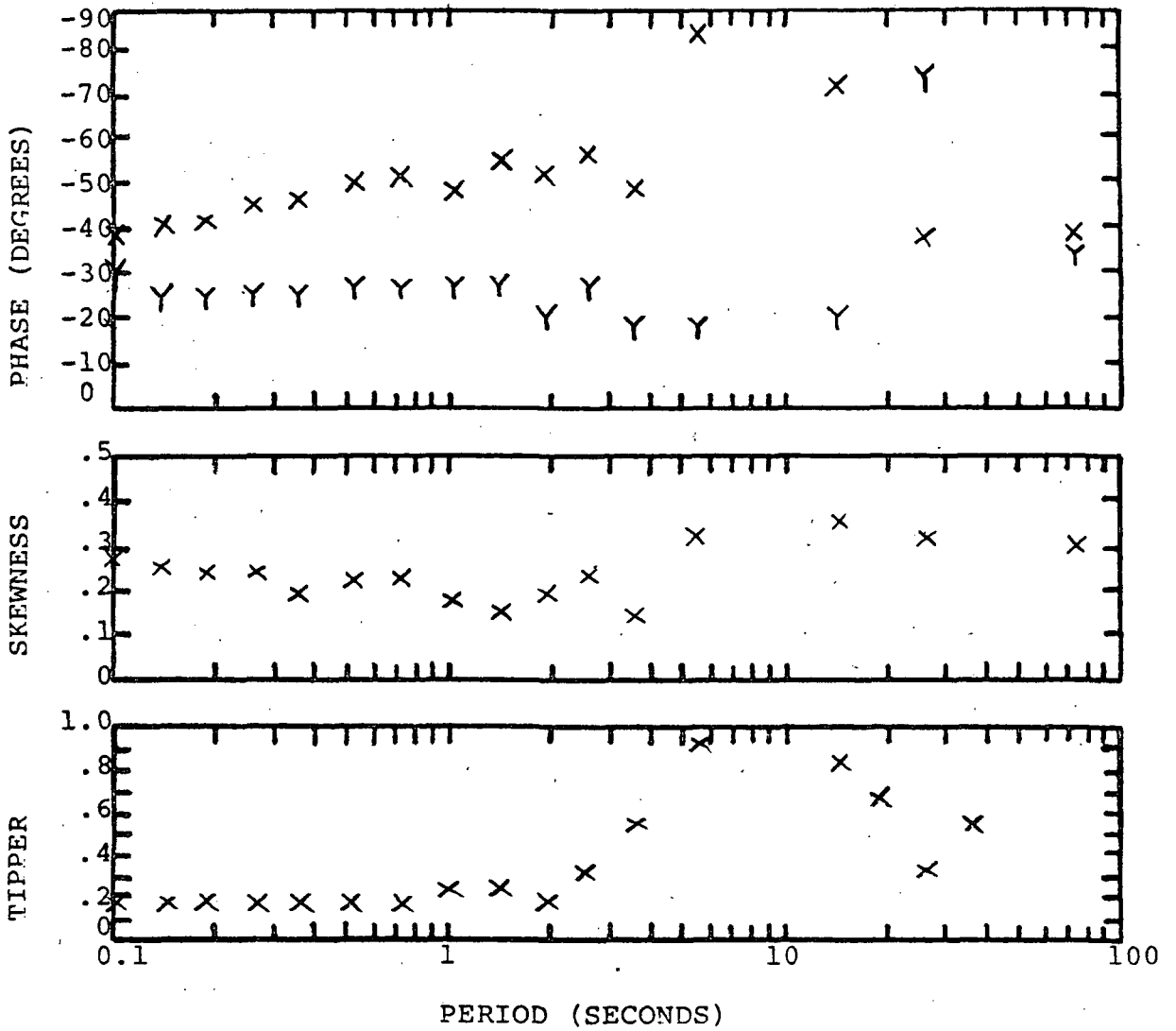
McCOY, NEVADA
 STATION M13



STATION A13



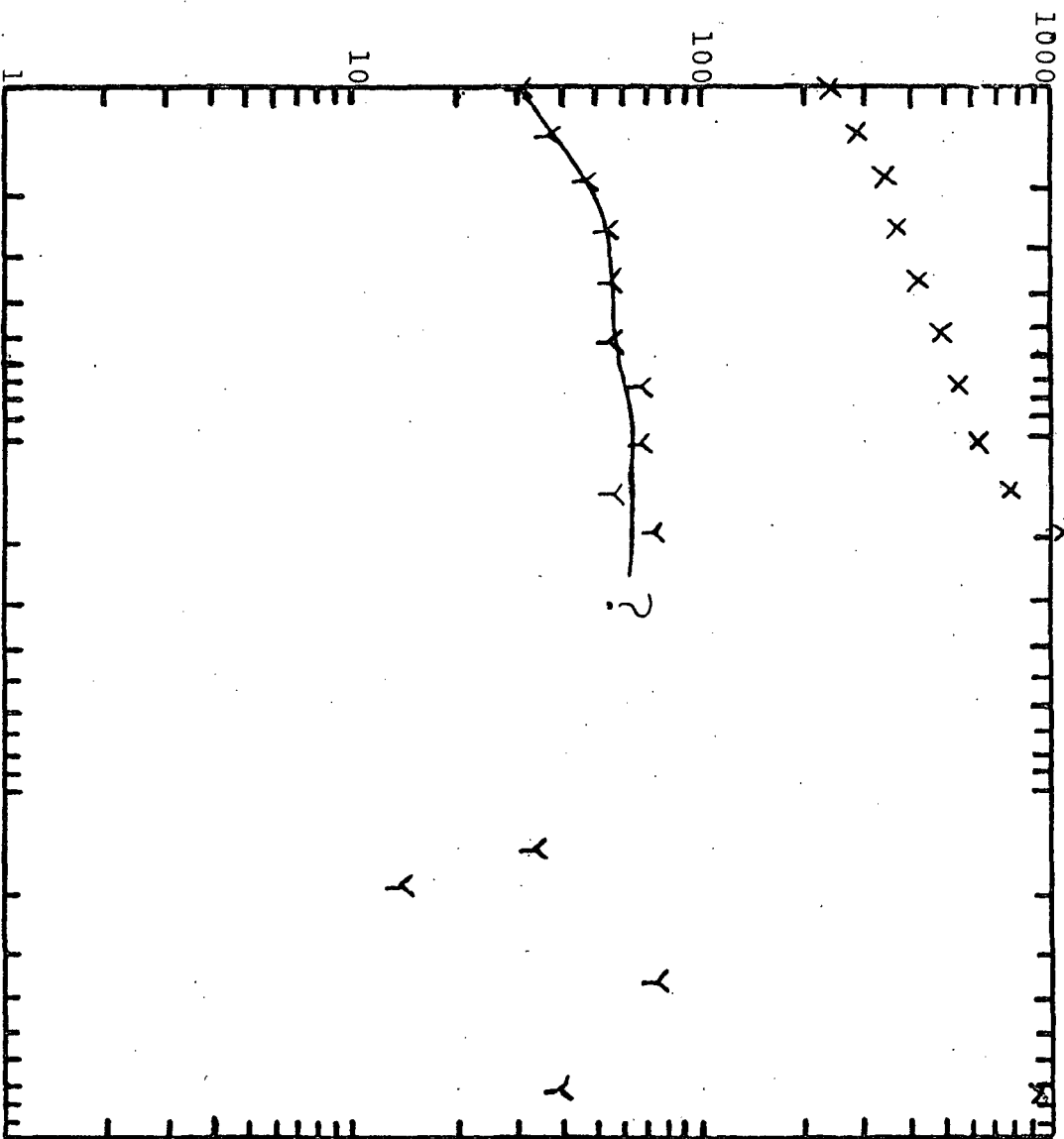
McCOY, NEVADA
 STATION A13



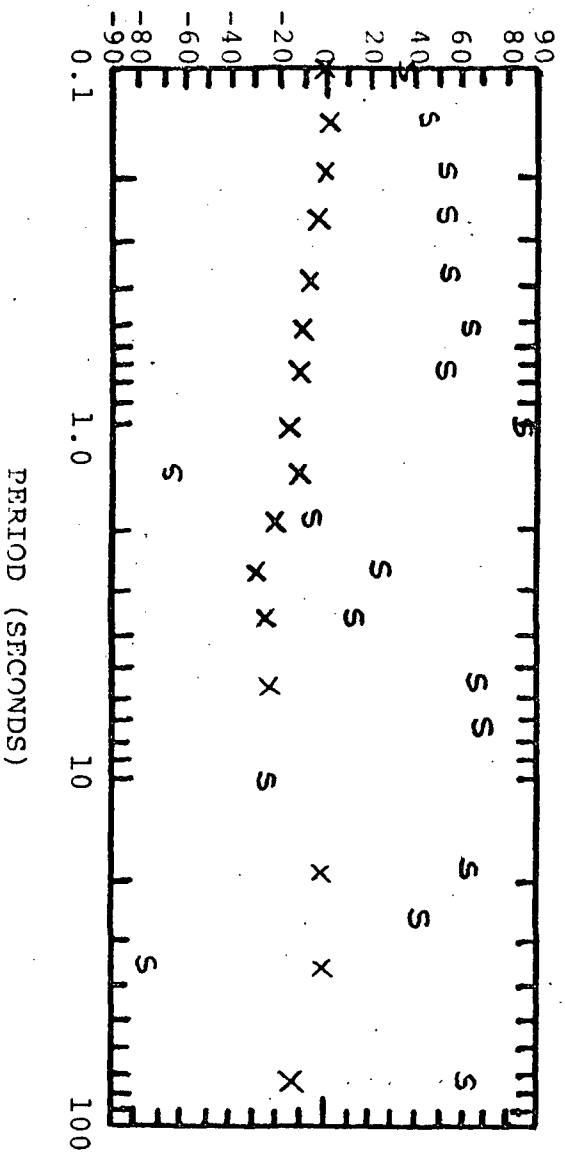
PROSPECT McCOY, NEVADA
STATION B13

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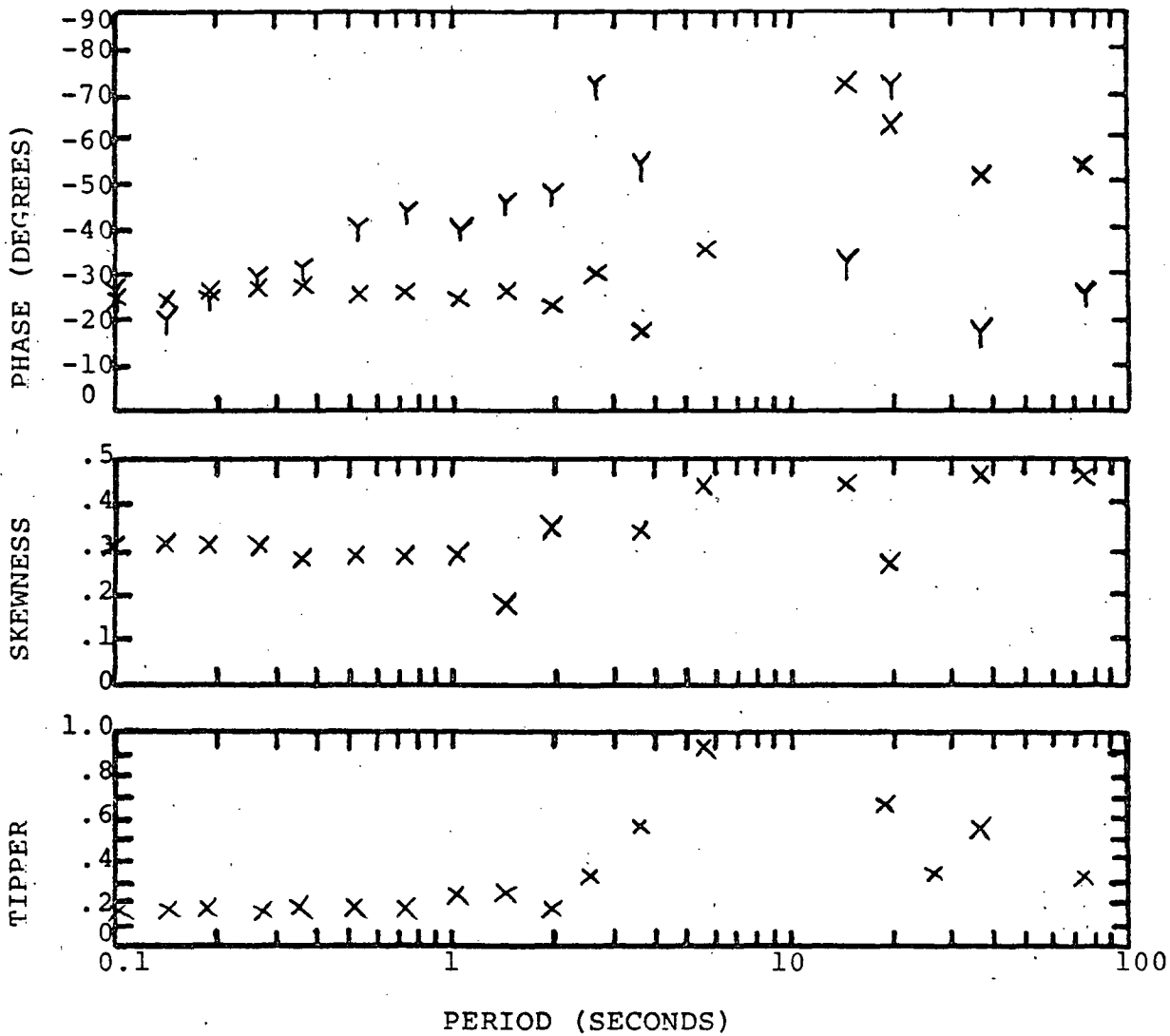
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



ROTATION ANGLE
STRIKE (S); AXES (X)

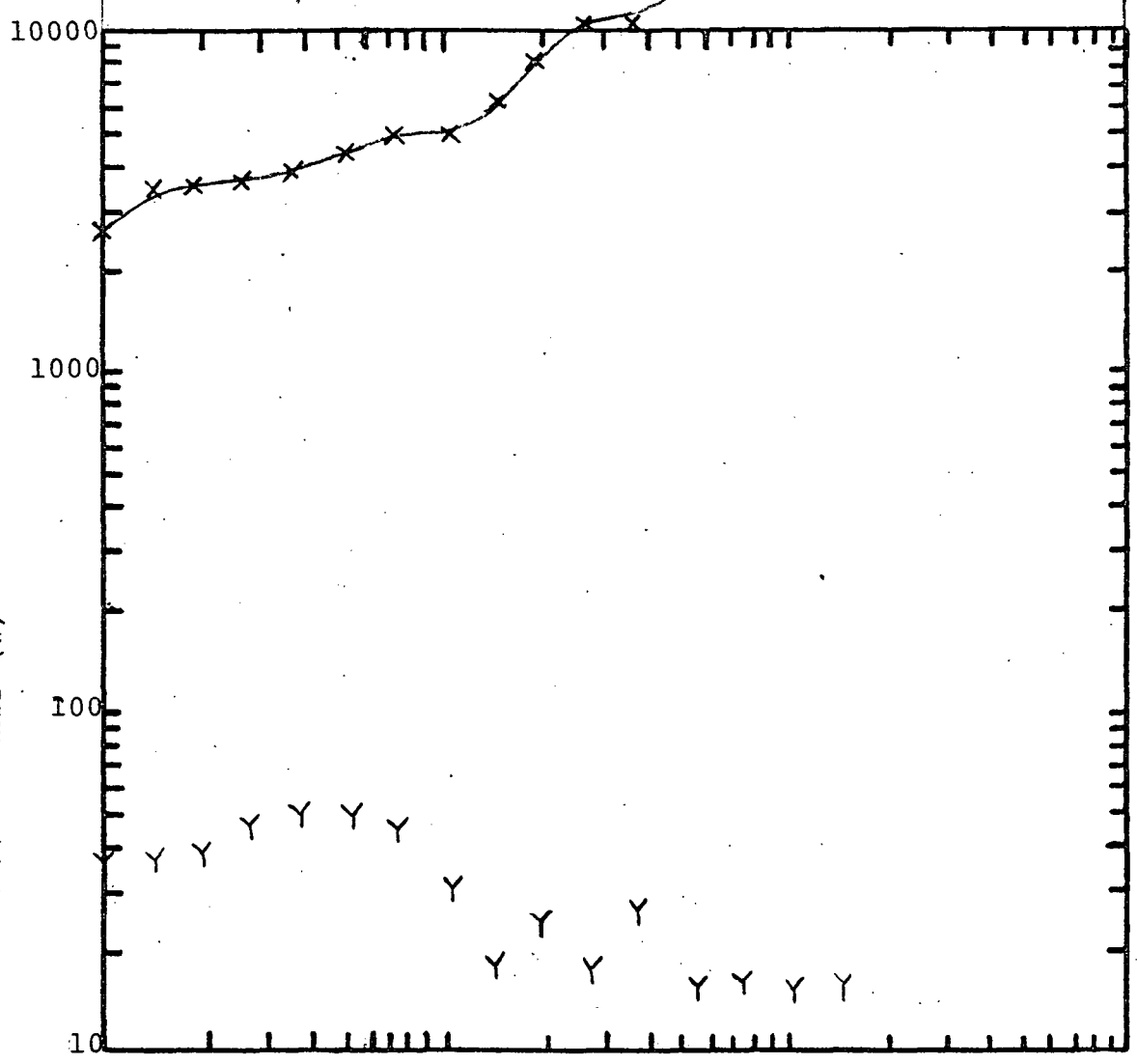


MCCOY, NEVADA
 STATION B13

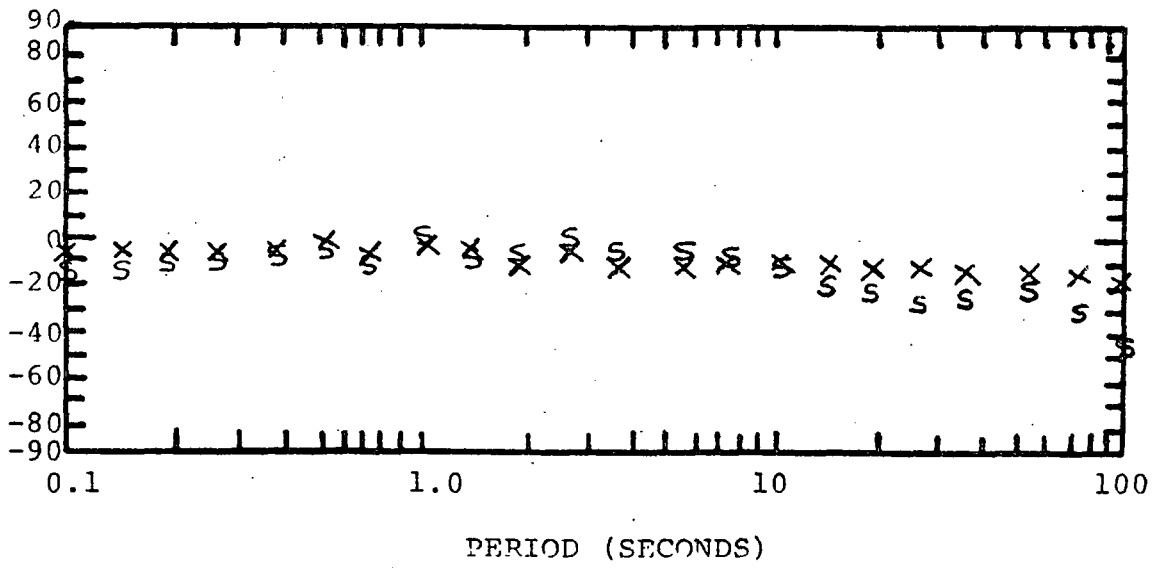


PROSPECT McCOY, NEVADA
STATION M14

ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

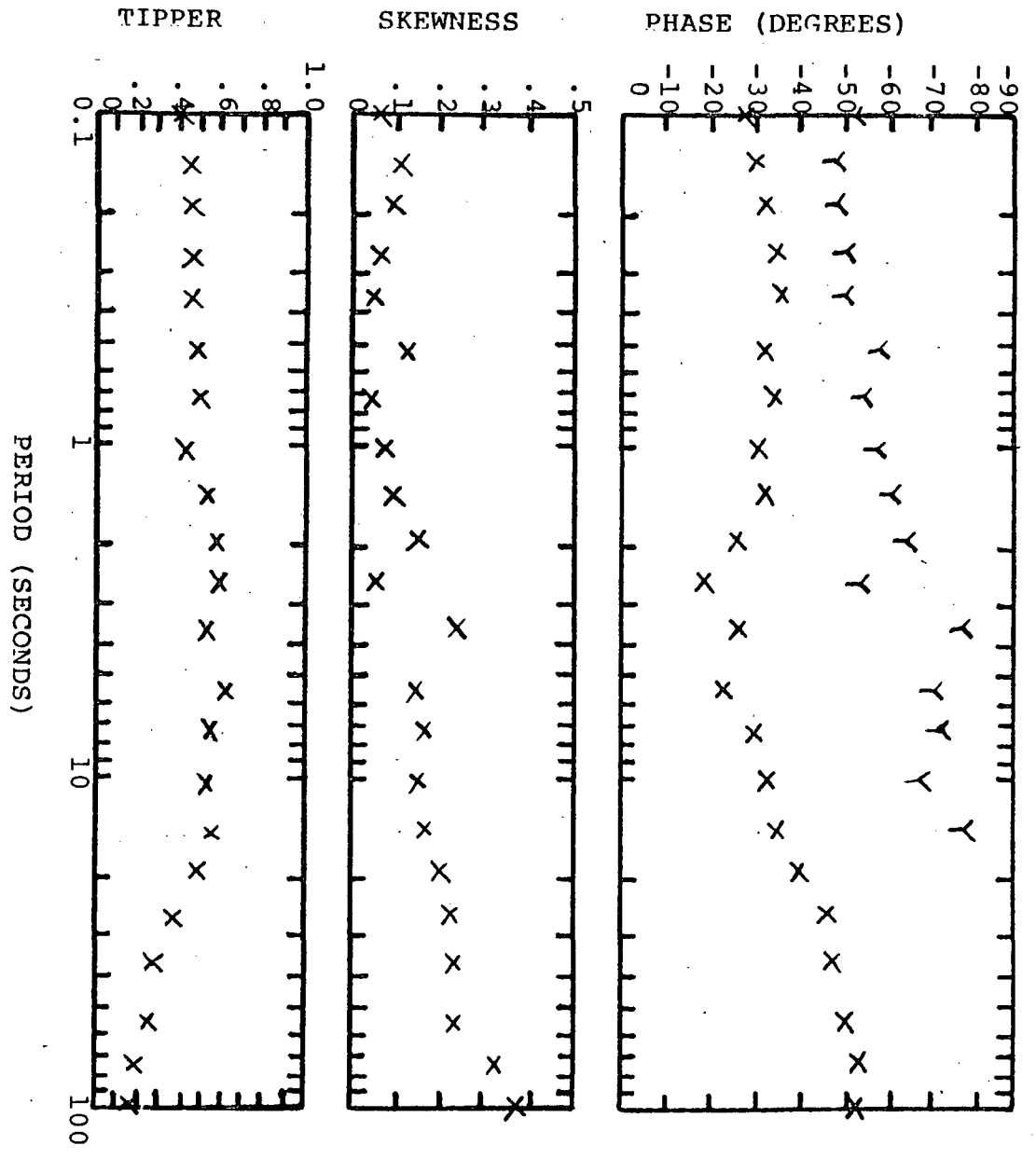


ROTATION ANGLE
STRIKE (S); AXES (X)



PERIOD (SECONDS)

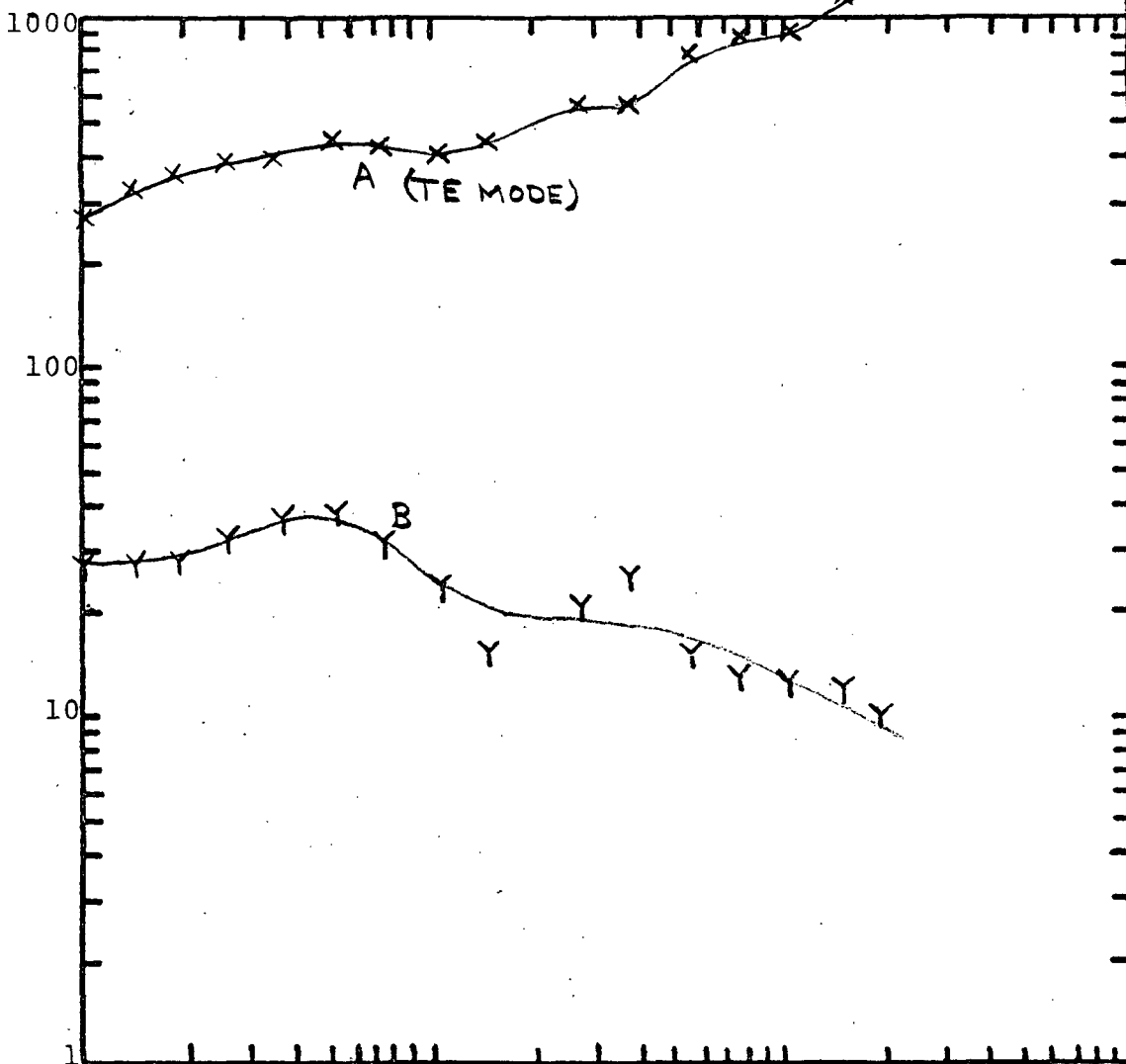
MCCOY, NEVADA
STATION M14



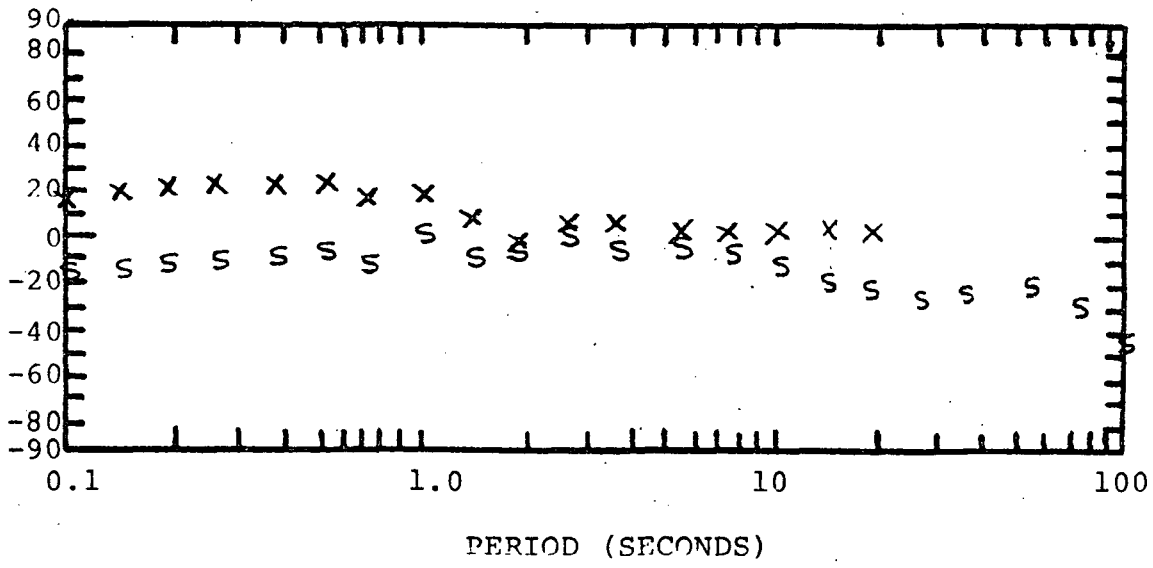
PROSPECT McCOY, NEVADA

STATION A14

ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



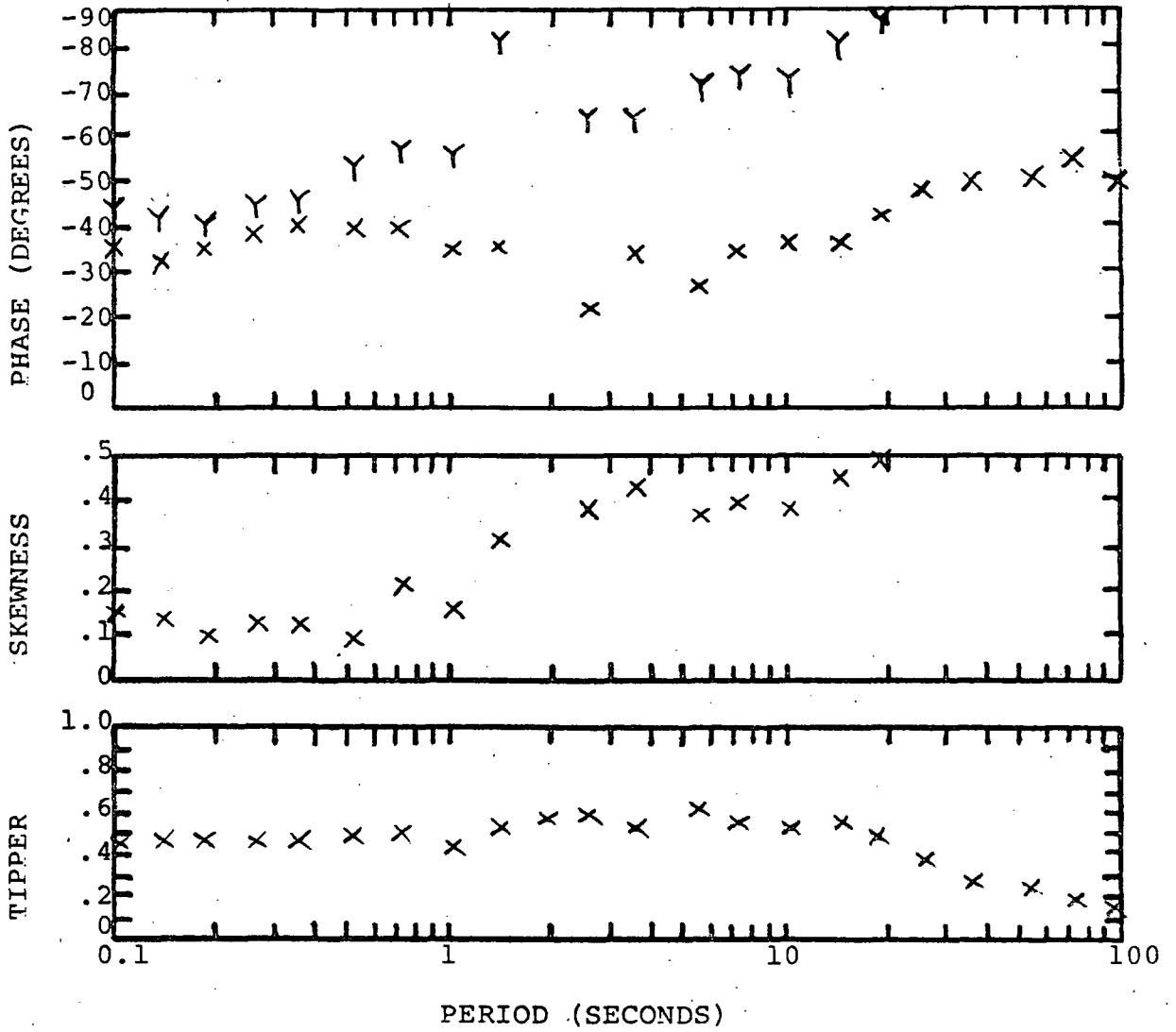
ROTATION ANGLE
STRIKE (S); AXES (X)

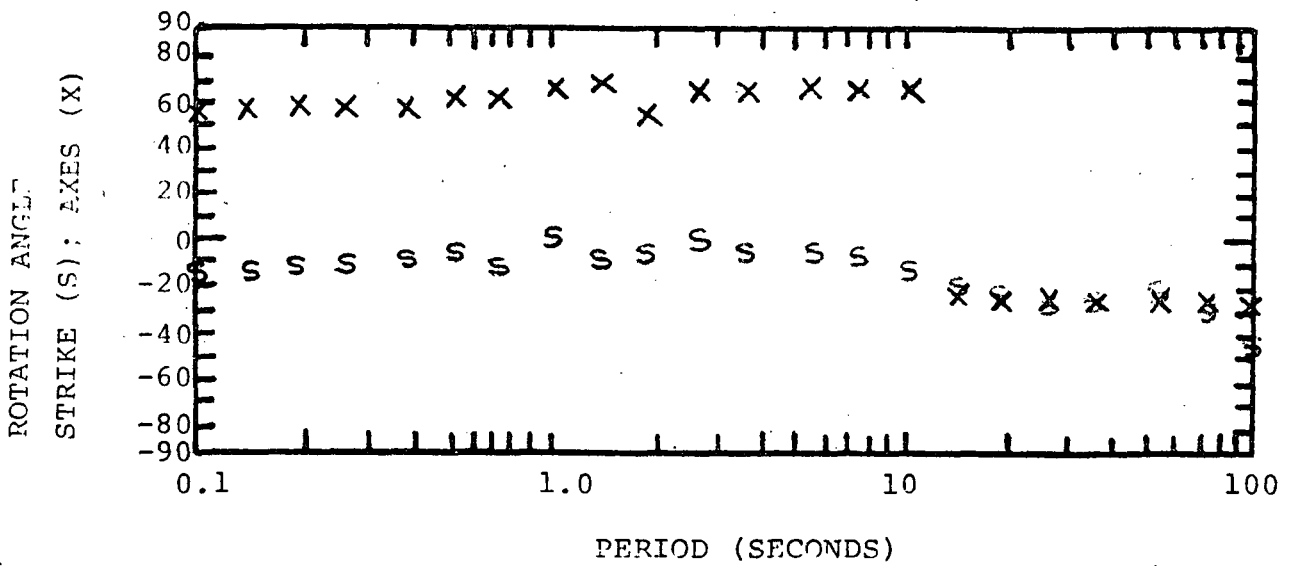
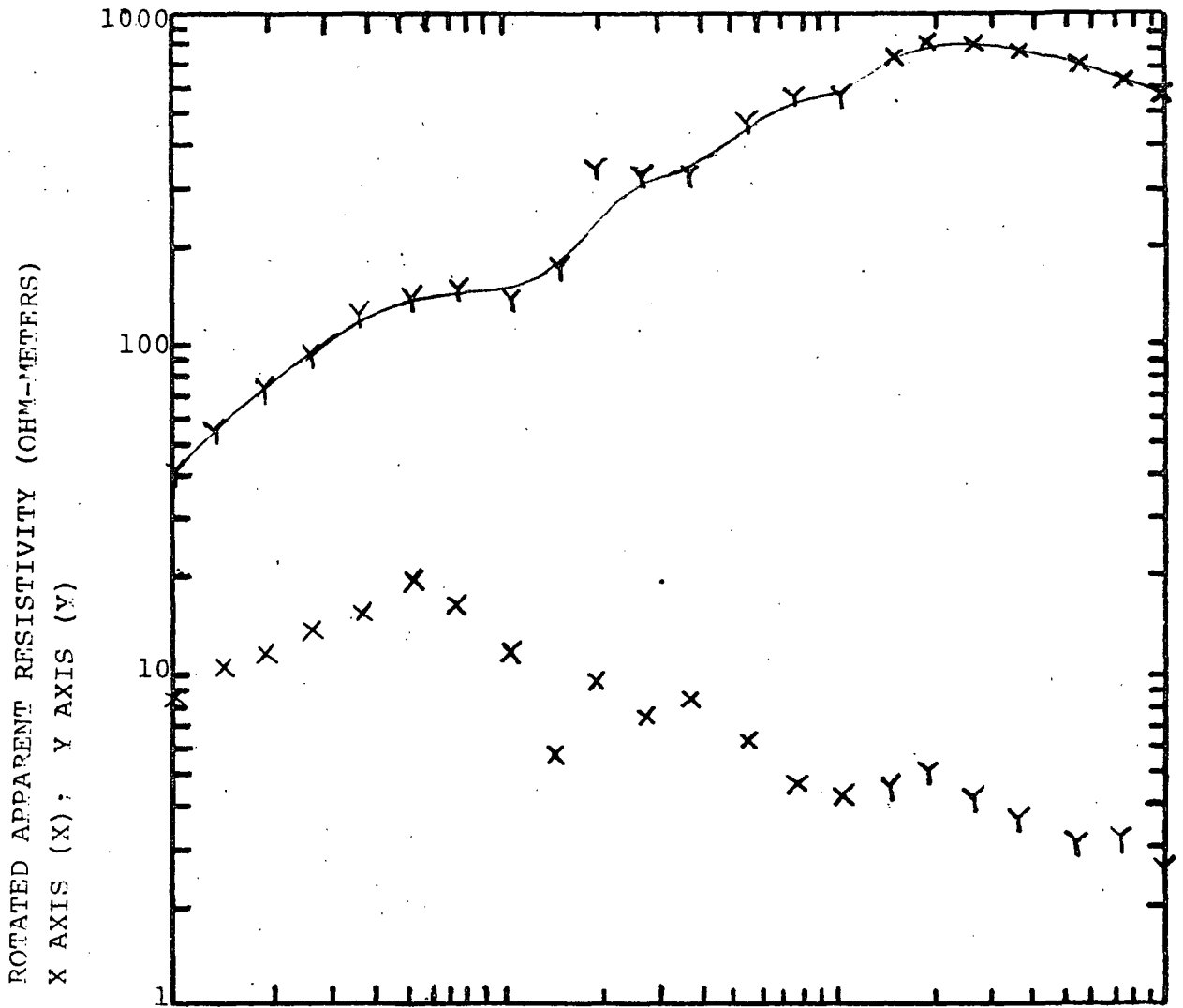


PERIOD (SECONDS)

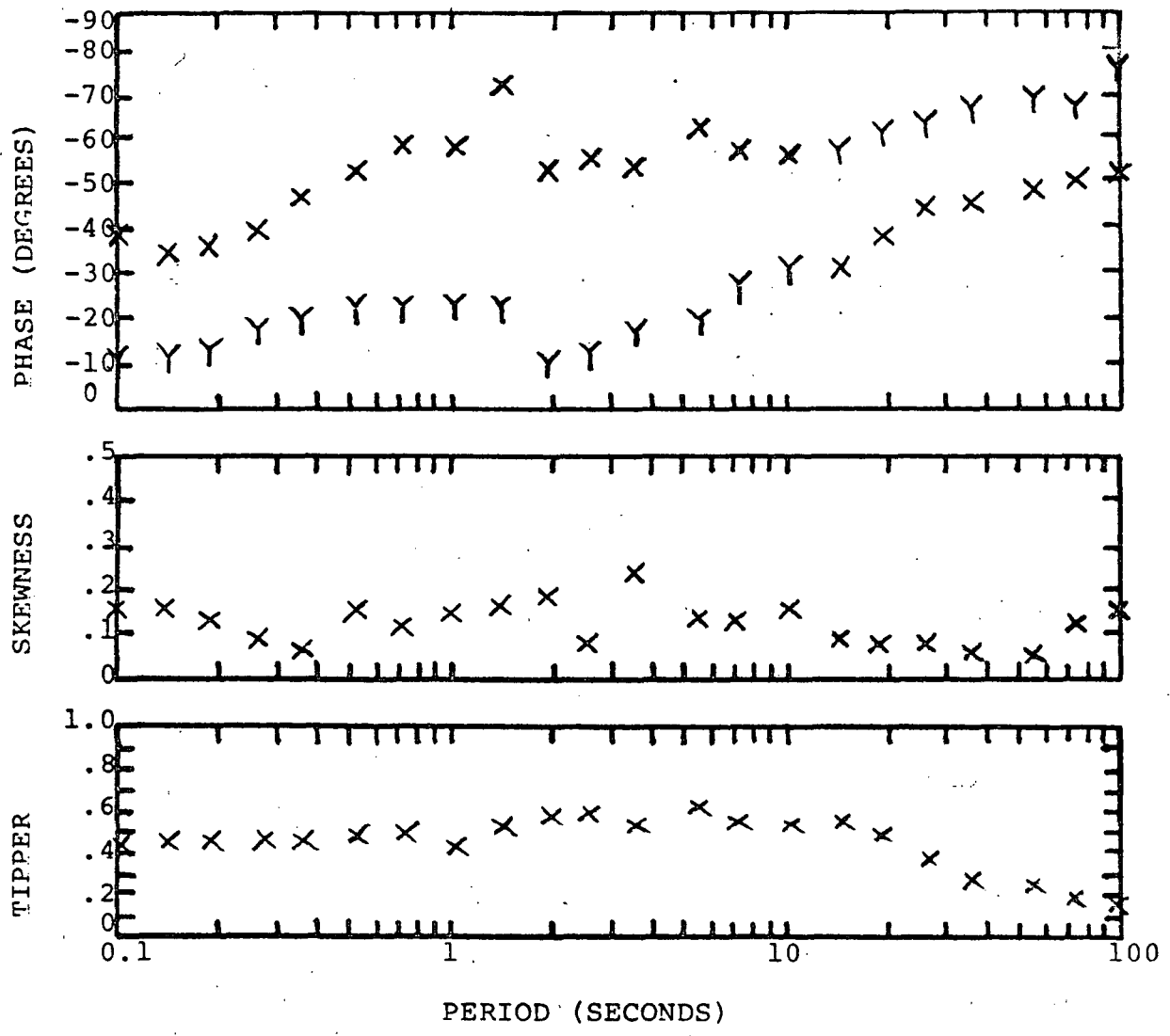
McCOY, NEVADA

STATION A14





McCOY, NEVADA
STATION B14



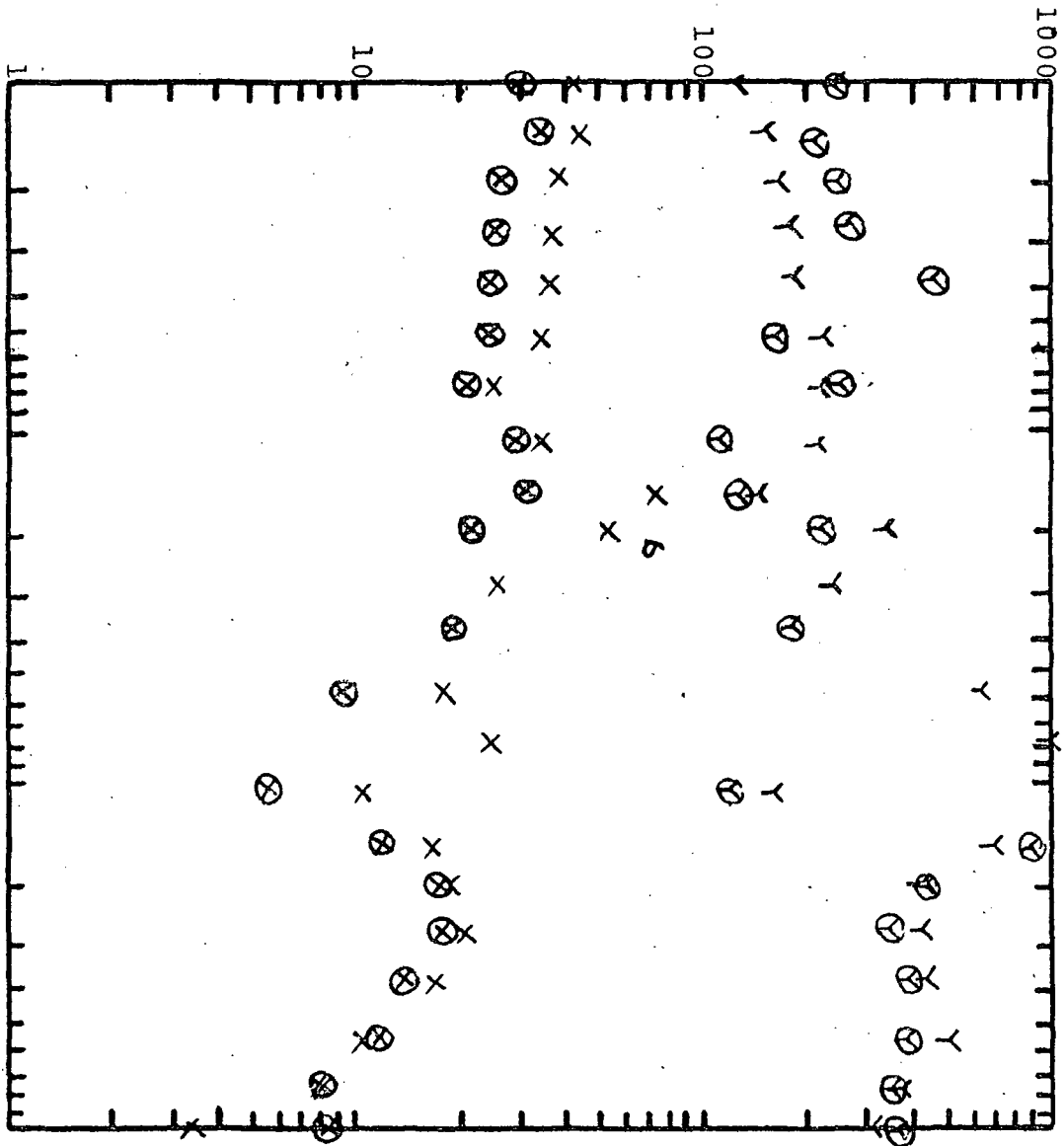
PROSPECT MCCOY, NEVADA

STATION

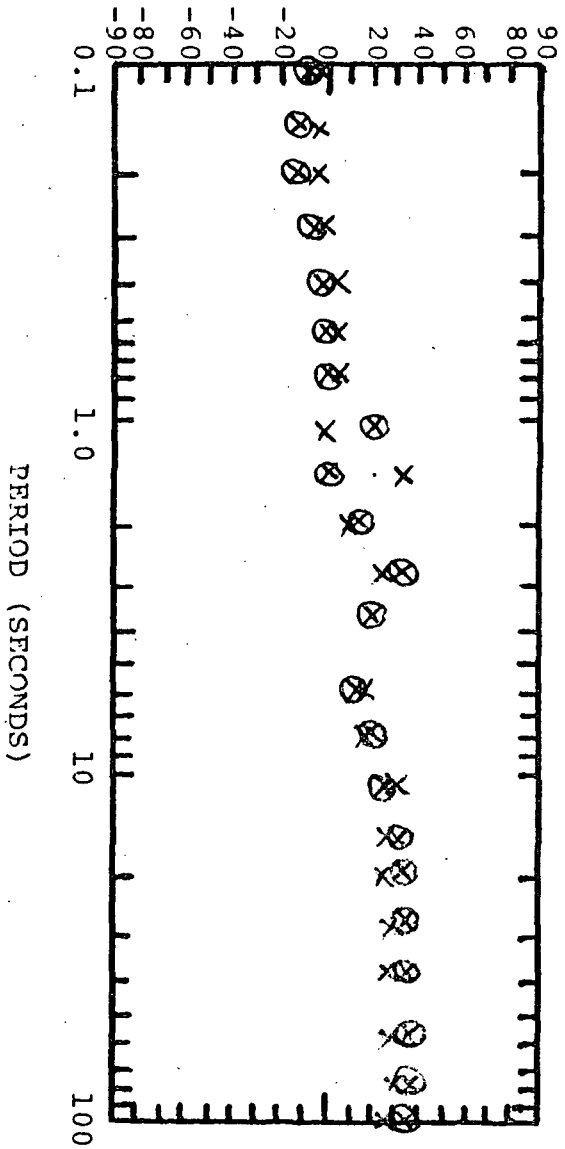
A1 X, Y
A2 ⊗, ⊙

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ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

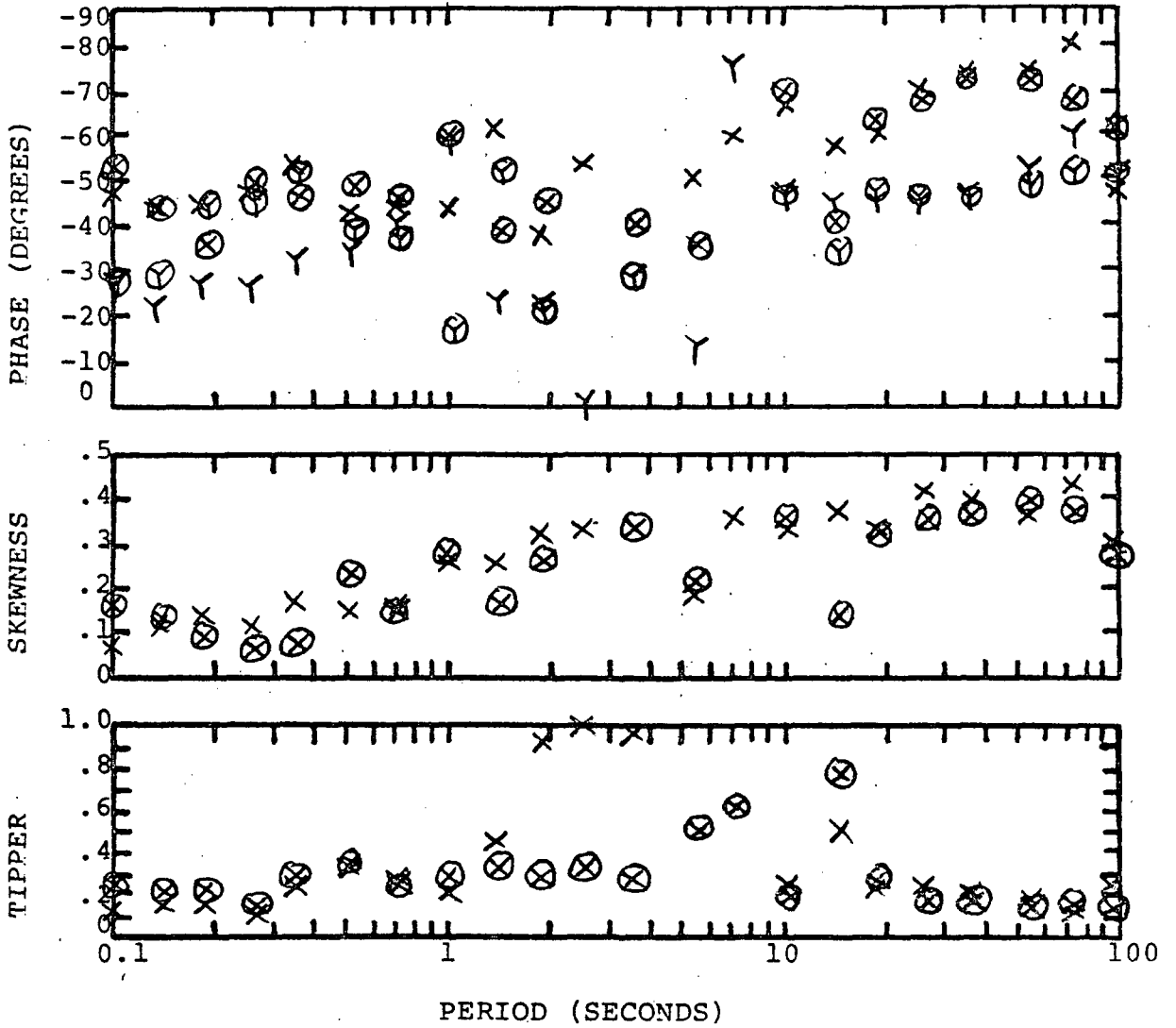


ROTATION ANGLE
STRIKE (S); AXES (X)



McCOY, NEVADA

STATION A1 X, Y
A2 ⊗ ⊕

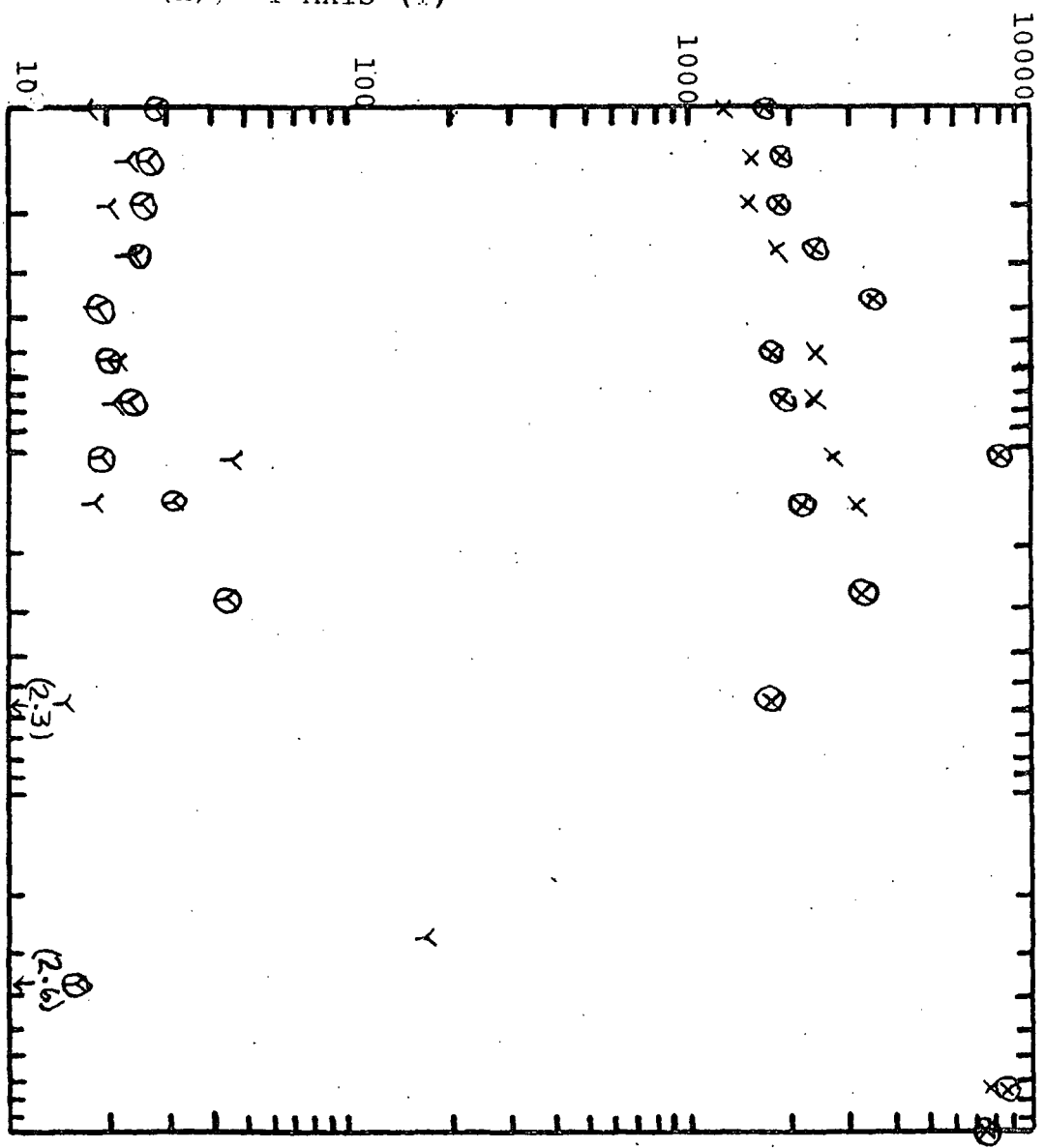


PROSPECT McCOY, NEVADA

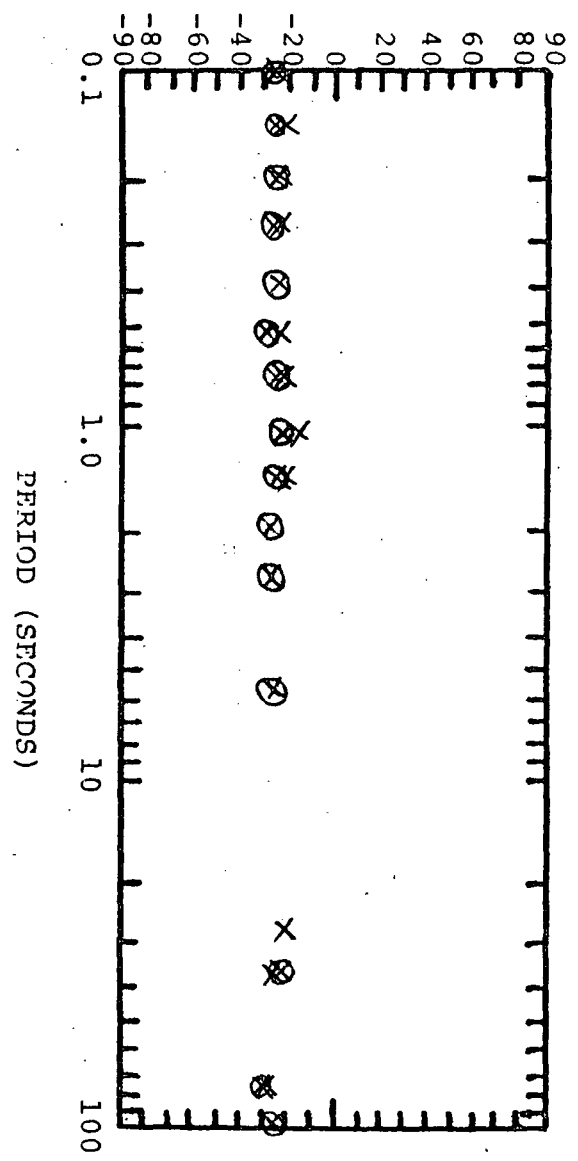
STATION M3 X,Y

A4 ⊗ ⊙

ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

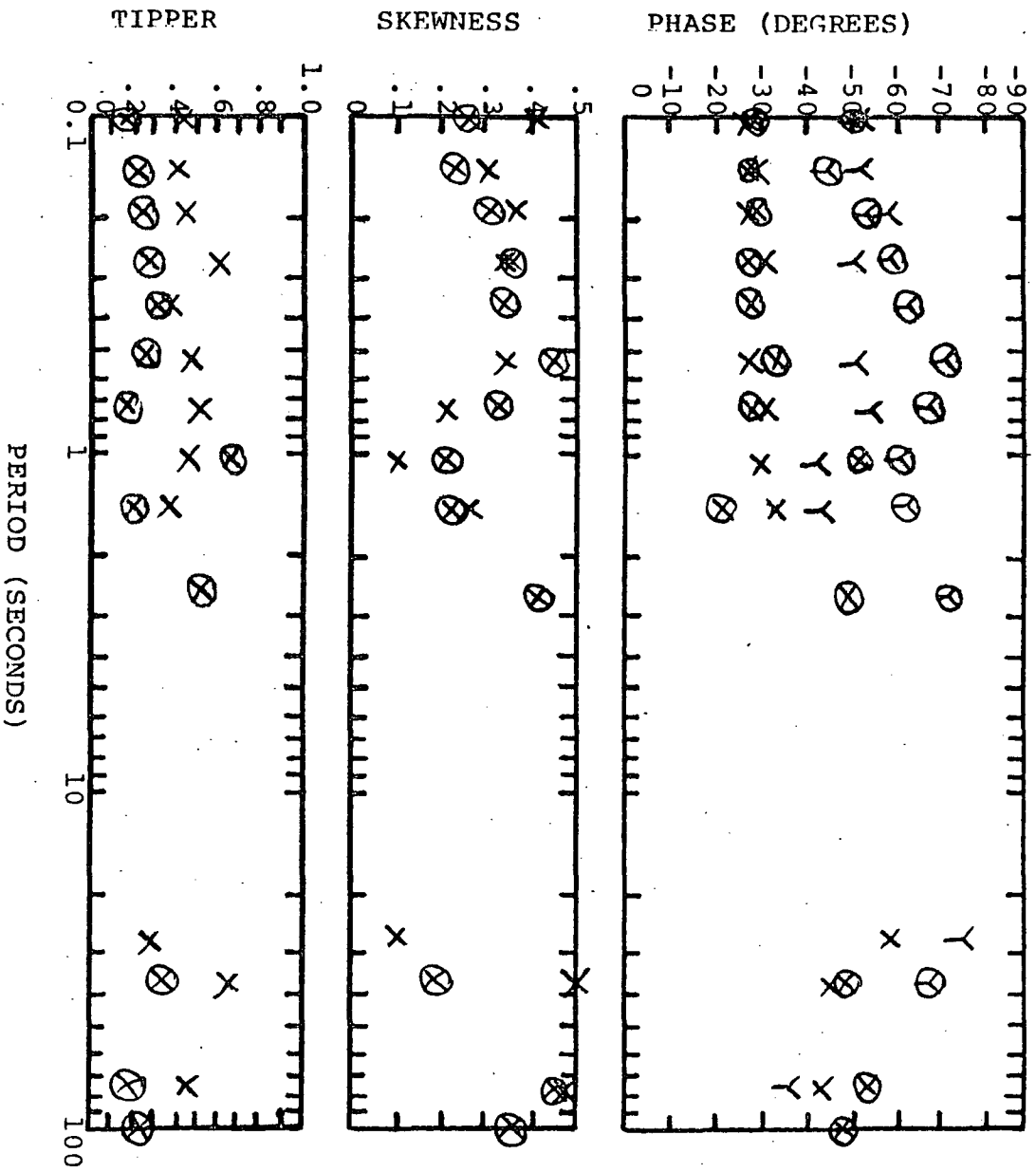


ROTATION ANGLE
STRIKE (S); AXES (X)



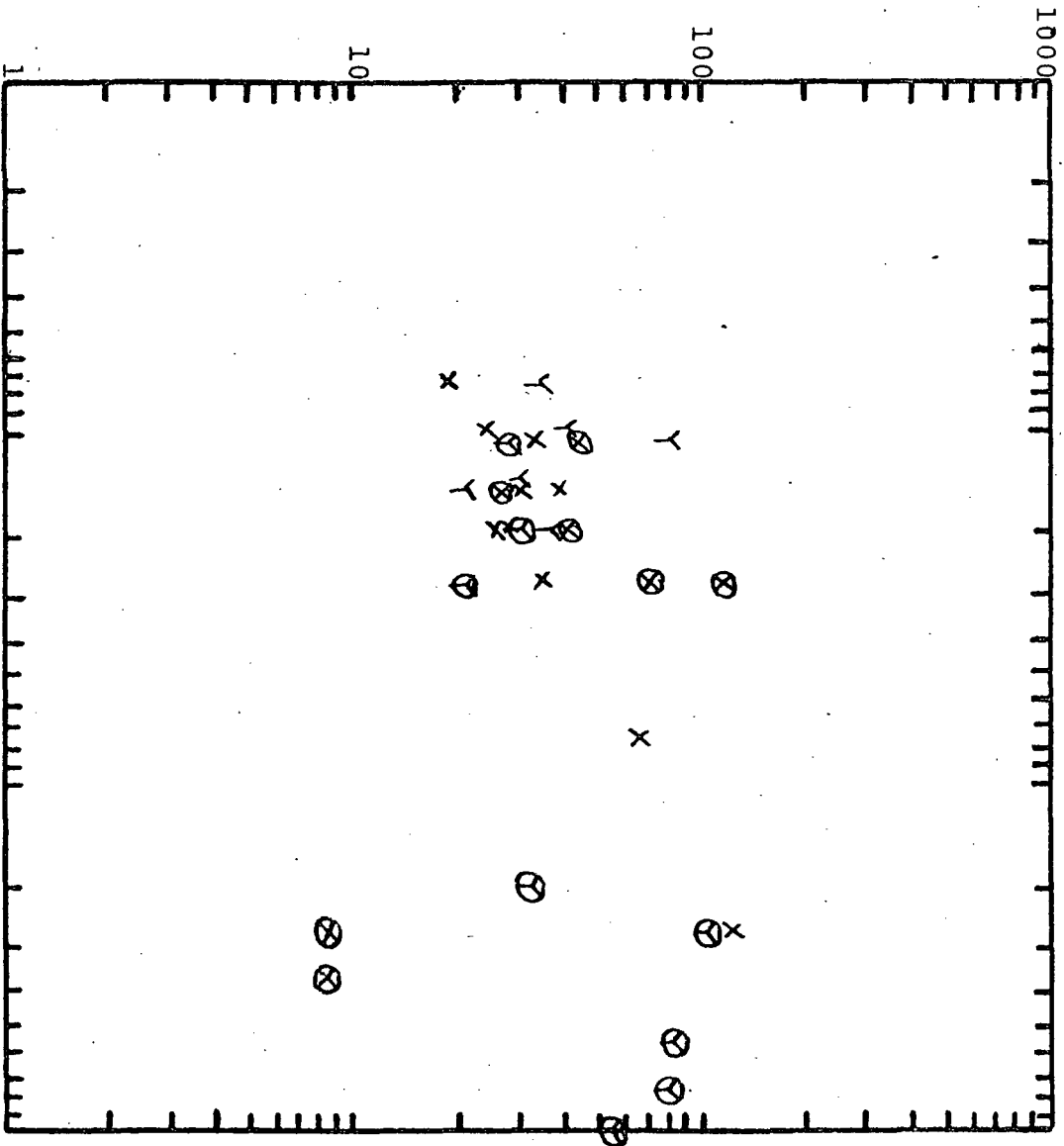
PERIOD (SECONDS)

MCCOY, NEVADA
STATION M3, X, Y
A4 ⊗, ⊙

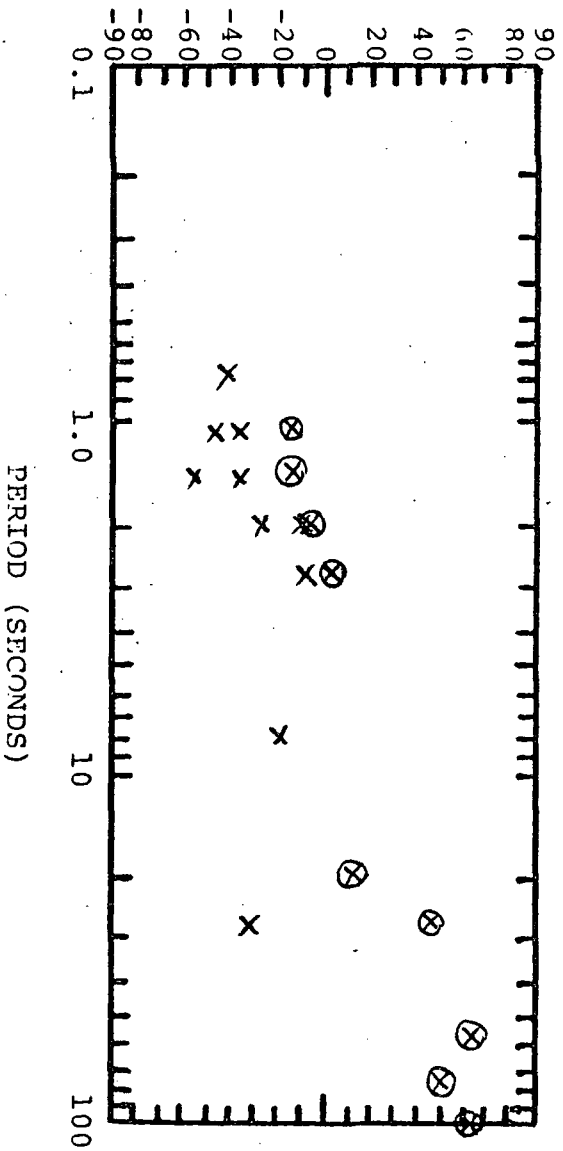


PROSPECT MCCOY, NEVADA
STATION B3 X,Y
M4 ⊗, ⊙

ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



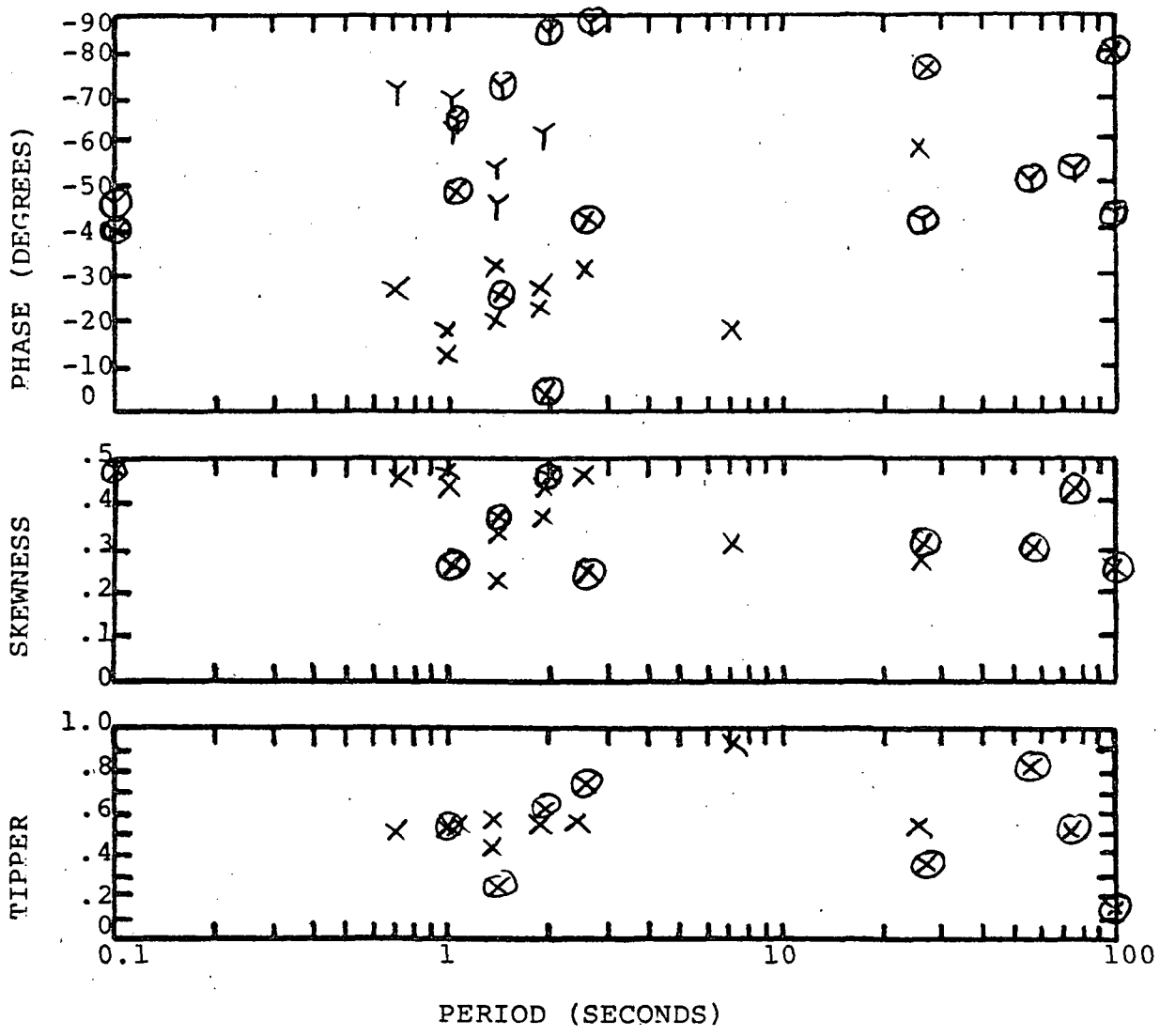
ROTATION ANGLE
STRIKE (S); AXES (X)



McCOY, NEVADA

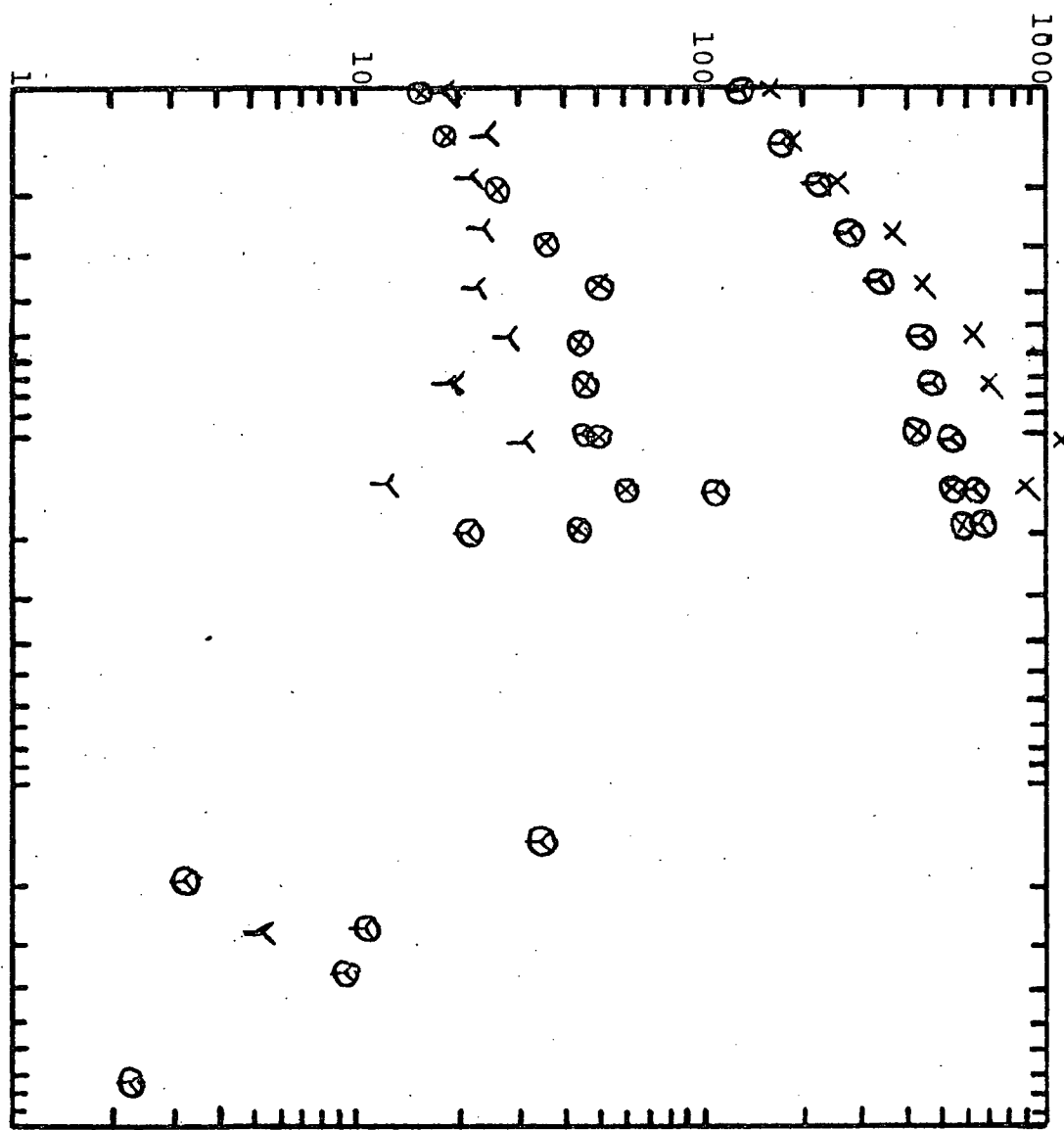
STATION B3 x,y

M4 ⊗, ⊙

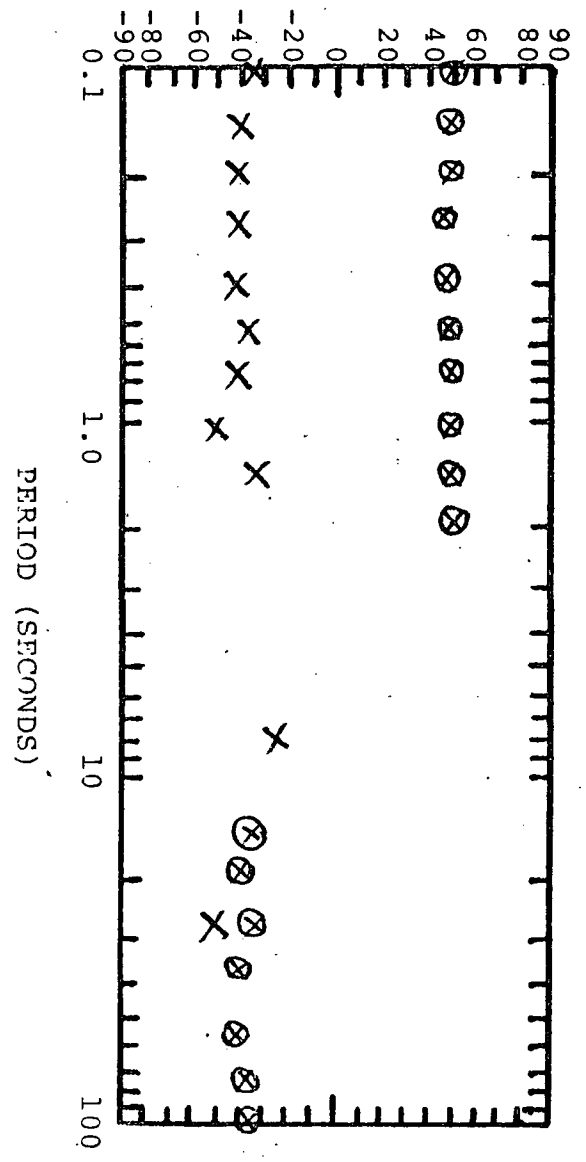


PROSPECT MCCOY, NEVADA
 STATION A3 X Y
A5 ⊗ ⊗

ROTATED APPARENT RESISTIVITY (OHM-METERS)
 X AXIS (X); Y AXIS (Y)



ROTATION ANGLE
 STRIKE (S); AXES (X)



McCOY, NEVADA

STATION A3, X, Y

A5 ⊗, ⊙

