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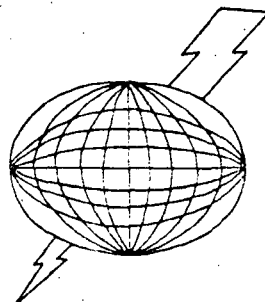
MAGNETOTELLURIC
DATA

McCOY PROSPECT
CHURCHILL COUNTY
NEVADA

for

AMAX EXPLORATION, INC.

MARCH 1980

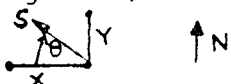


TERRAPHYSICS
815 SOUTH TENTH STREET
RICHMOND, CALIFORNIA 94804
(415) 234-8961

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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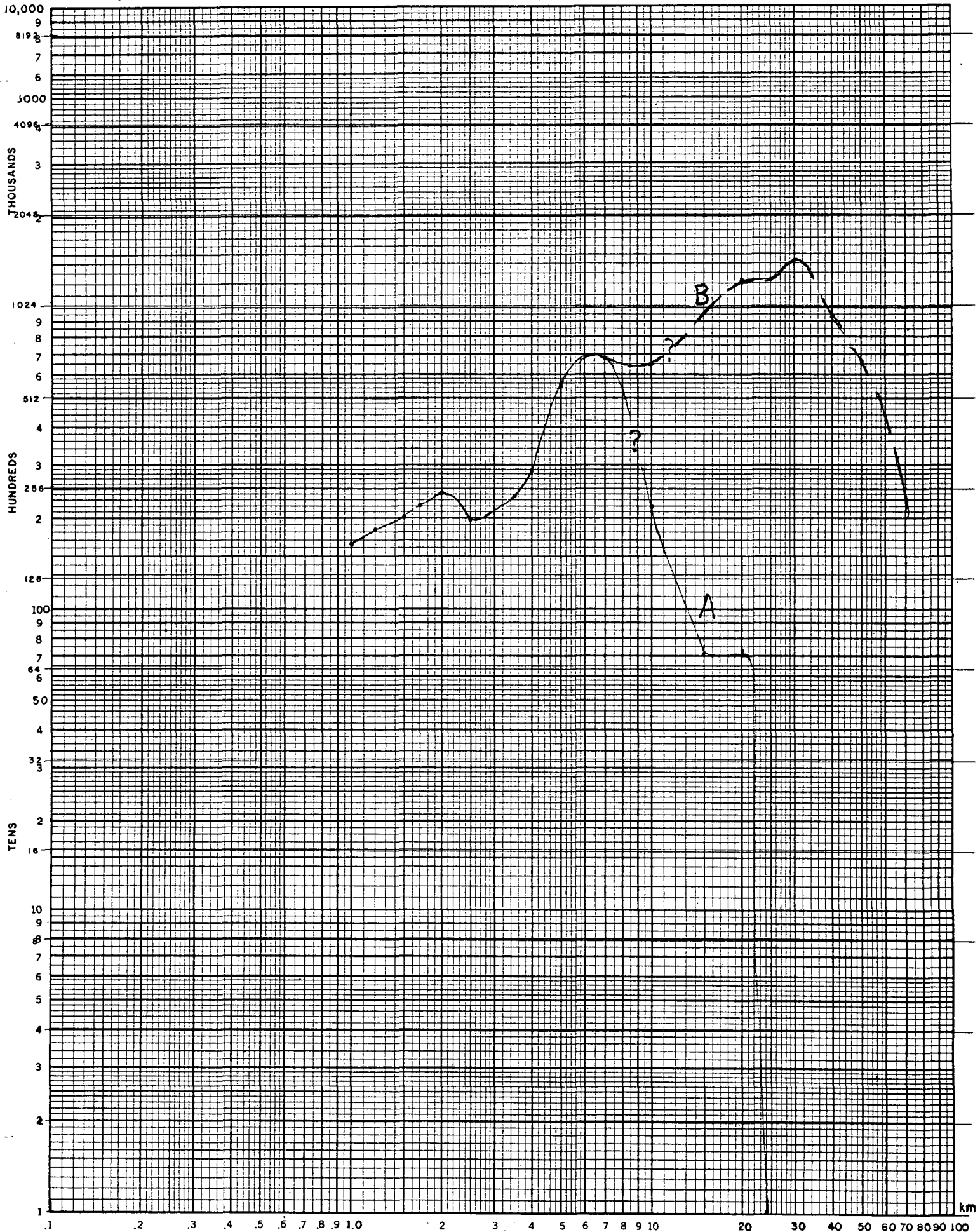
Plots of rotated apparent resistivity data, rotation angle, tipper strike direction, phases, skewness values and tipper

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Resistivity vs Depth

Proj. McCOY, NV

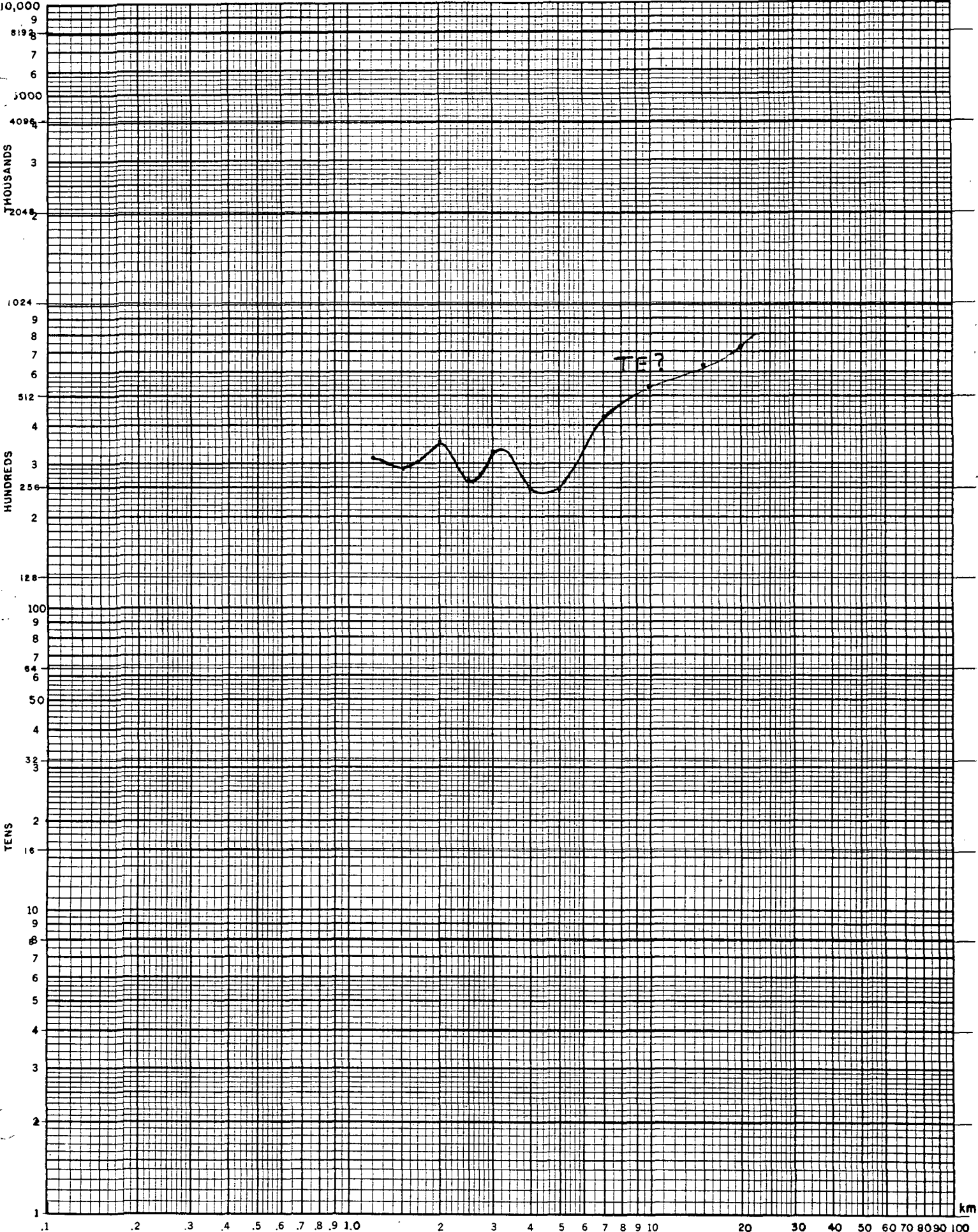
Station M1



52m Resistivity vs Depth

Proj. Mc COY, NV

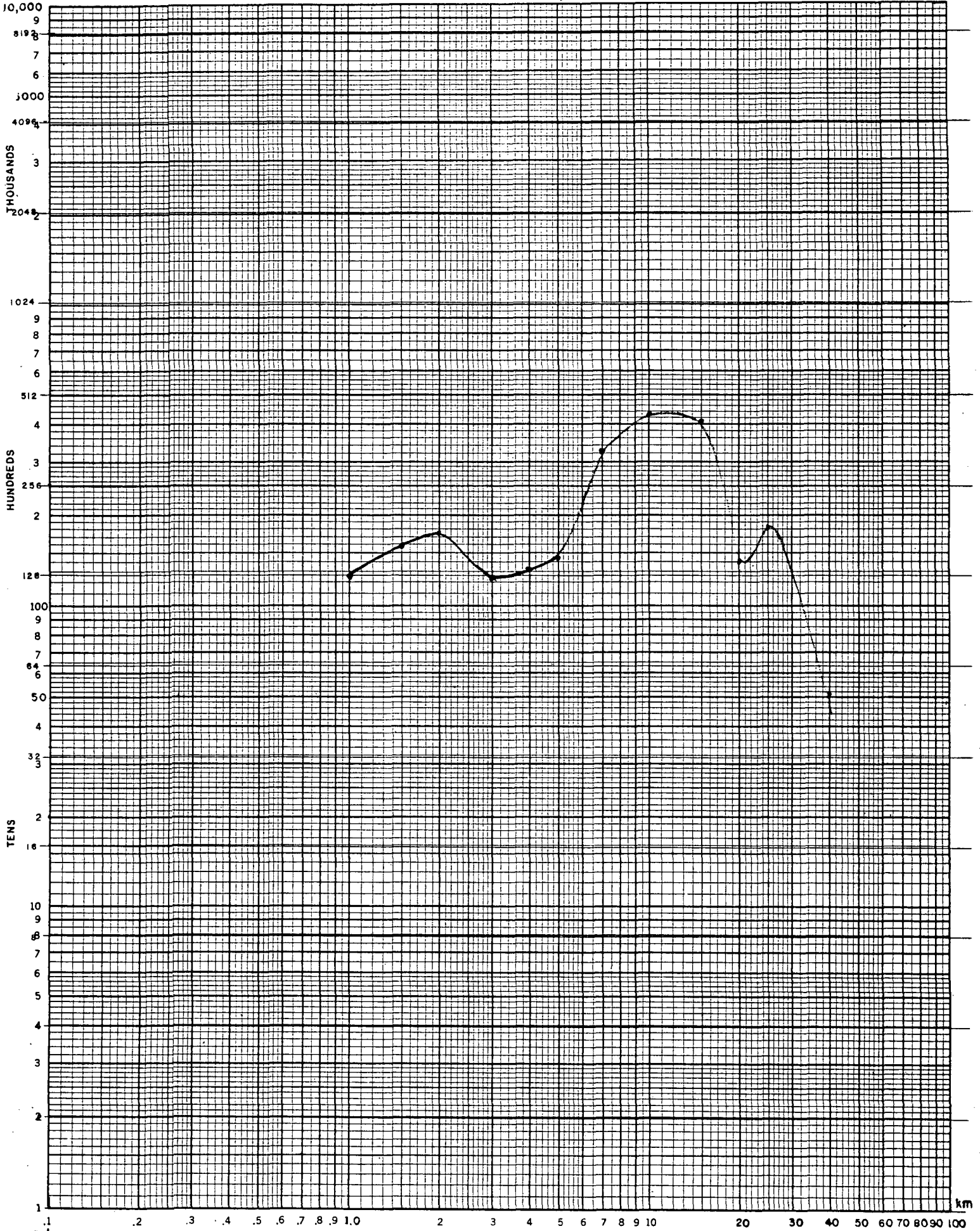
Station A1



Proj. McCoy, NV

Station B1

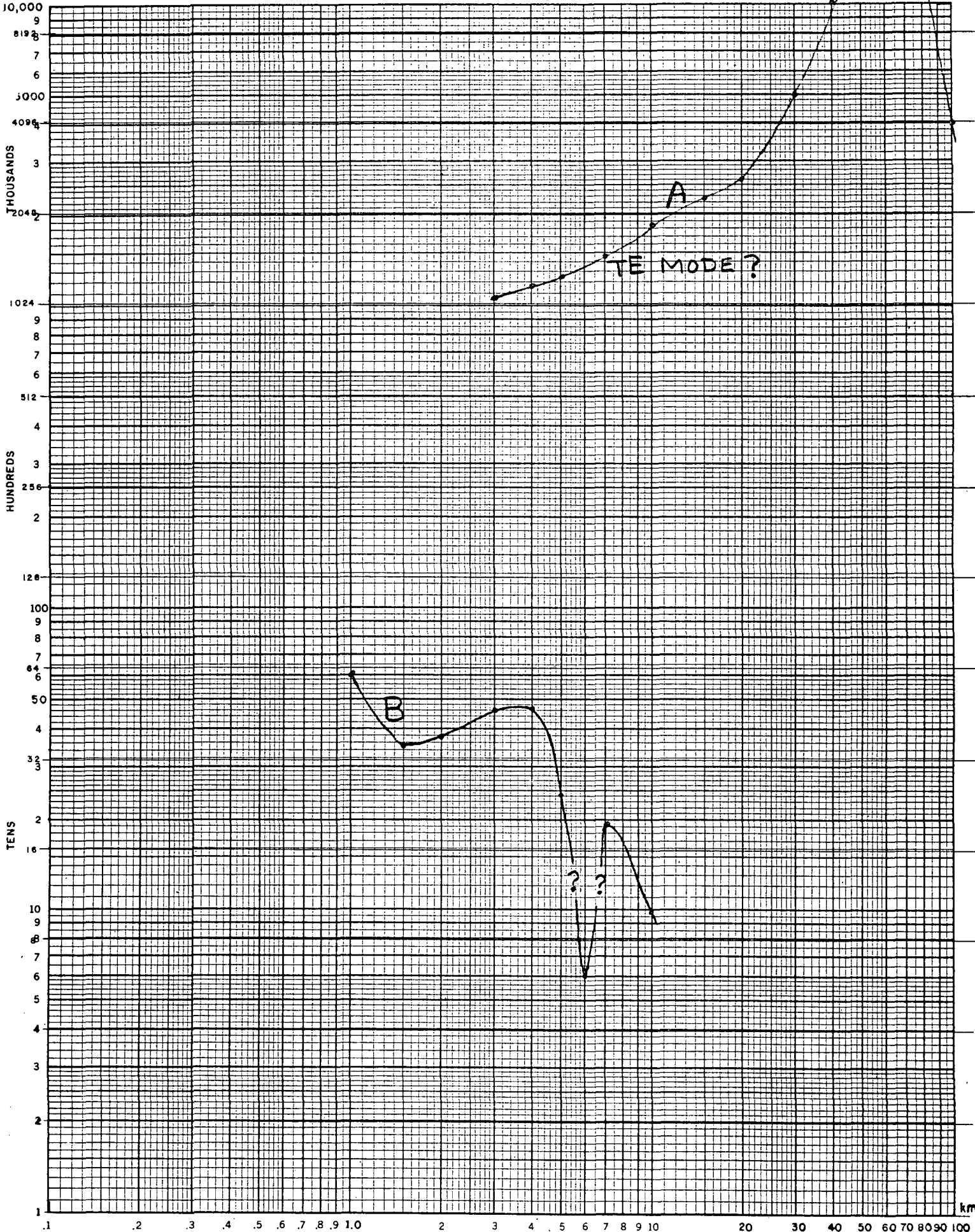
Ωm Resistivity vs Depth



Resistivity vs Depth

Proj. MCCOY, NY

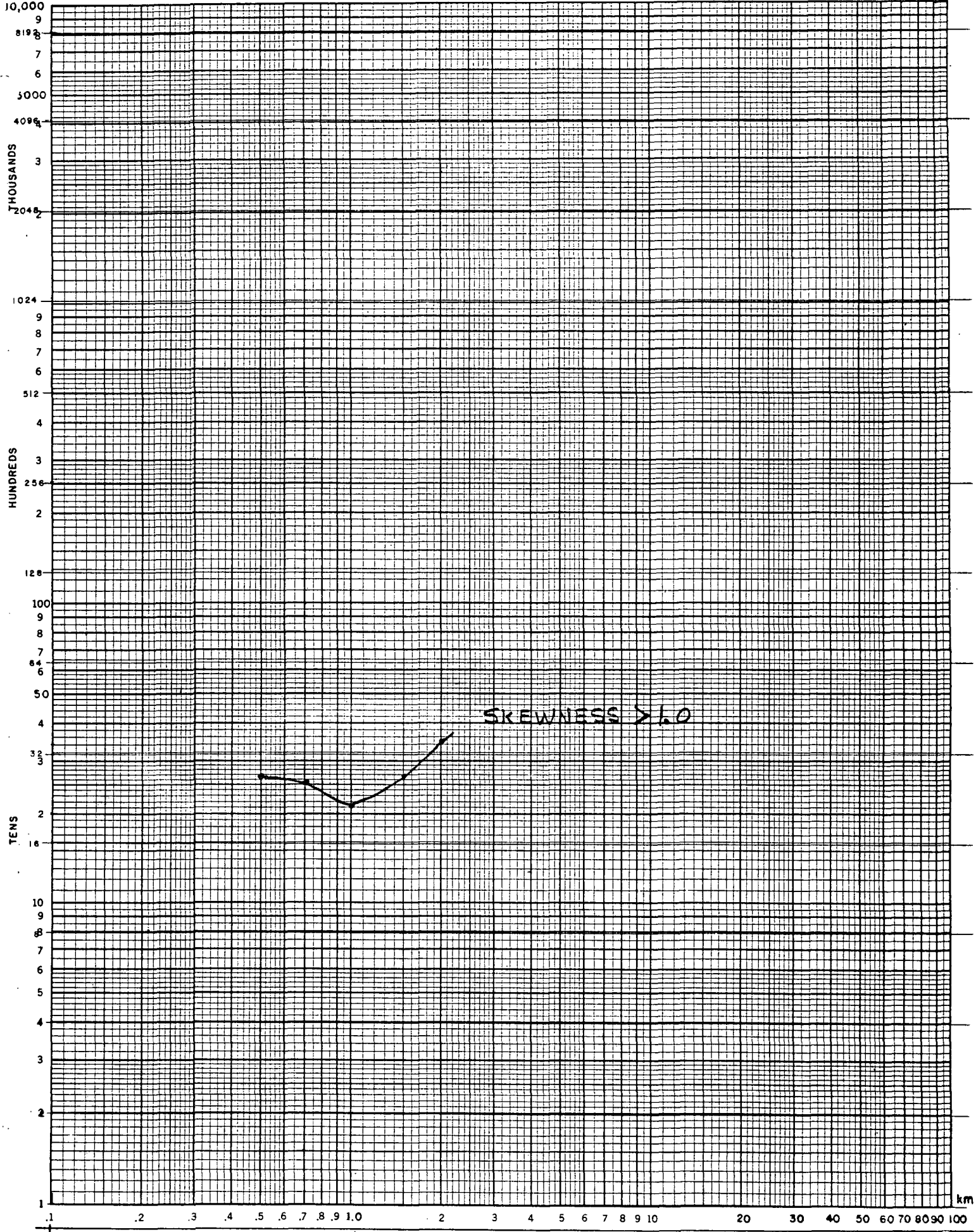
Station M2



Proj. Mc COY, NV

Station M3

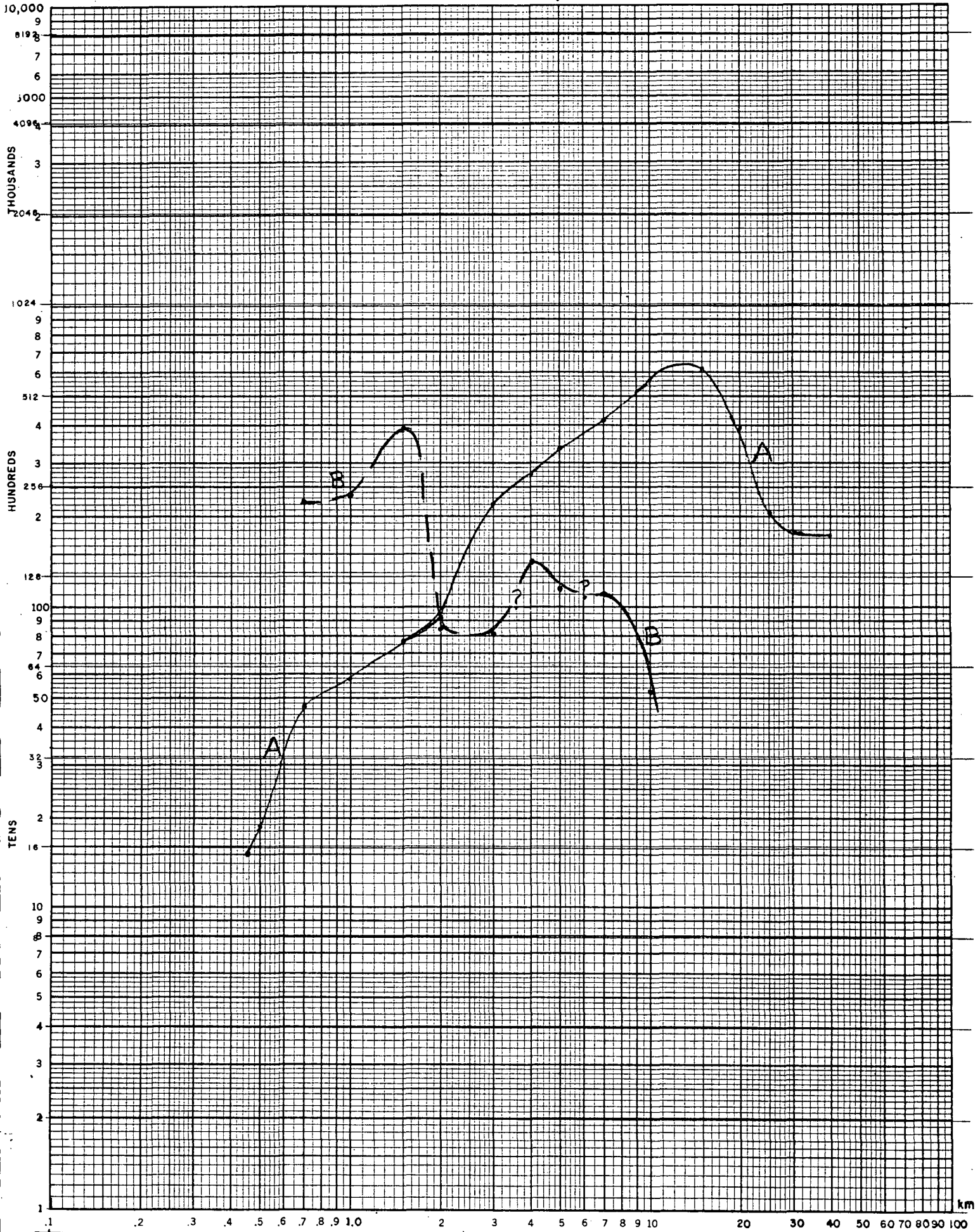
$\Omega\cdot m$ Resistivity vs Depth



Ωm Resistivity vs Depth

Proj. McCOY, NV

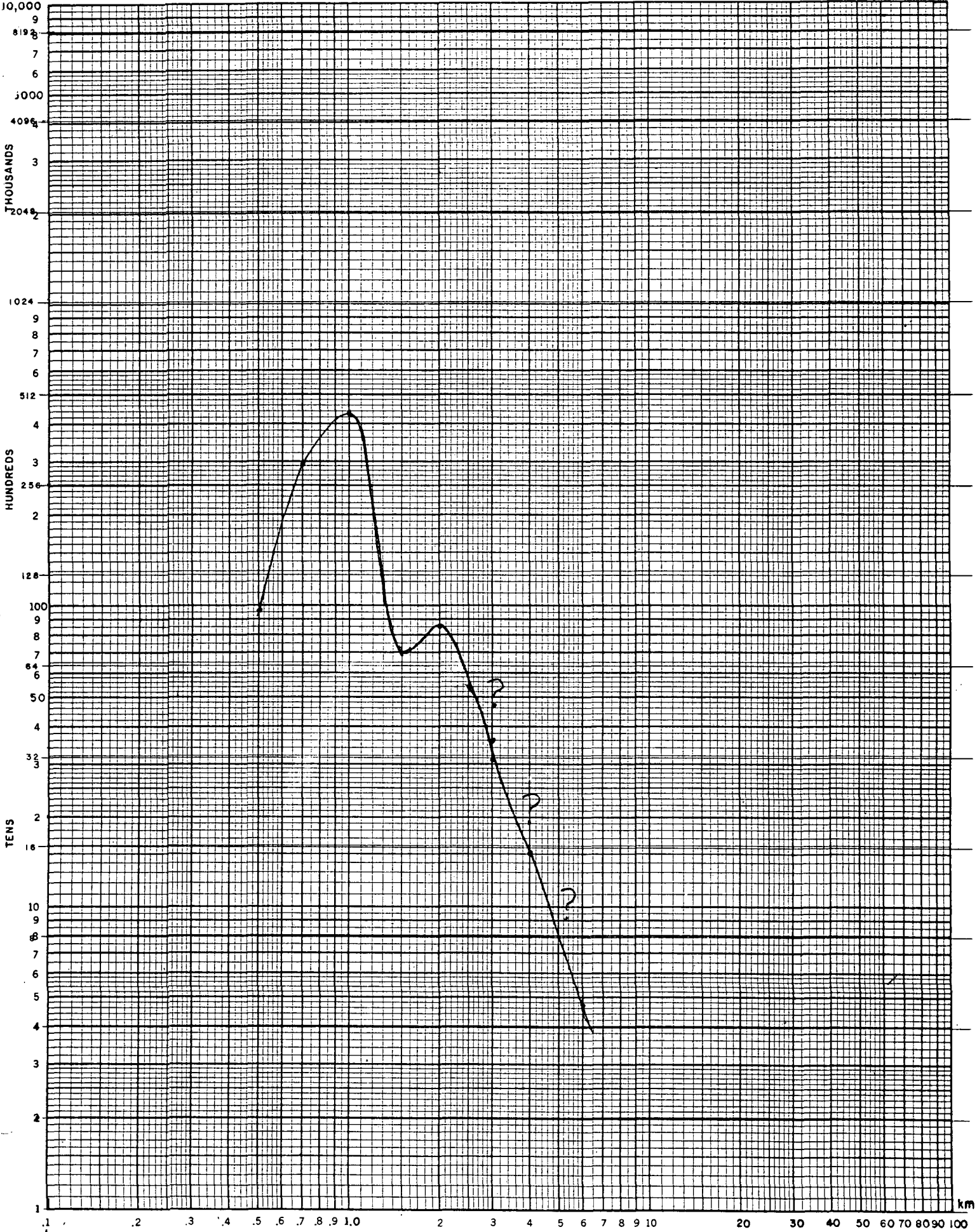
Station M5



Ωm Resistivity vs Depth

Proj. McCoy, NV

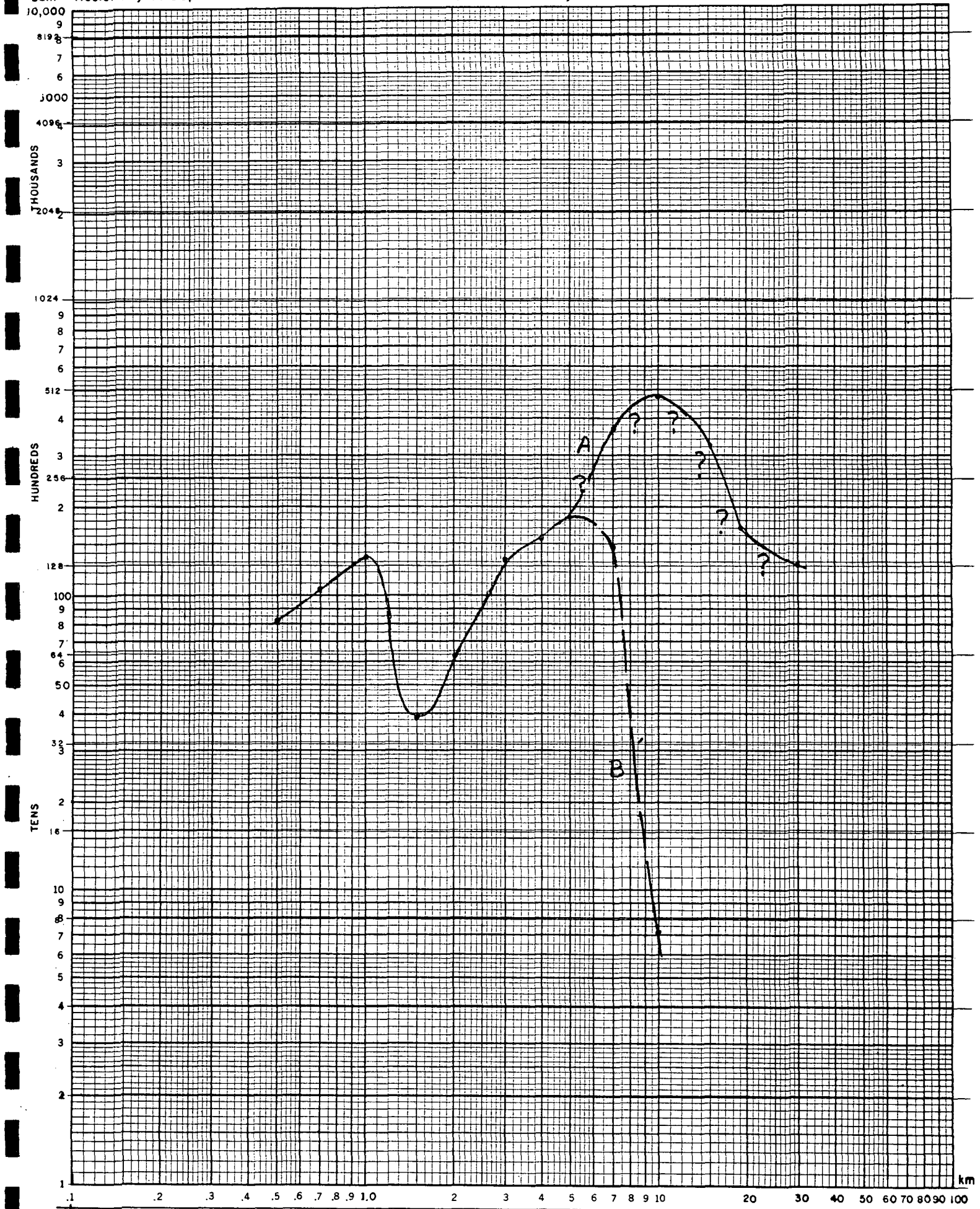
Station A5



Proj. McCoy, NV

Station B5

Ωm Resistivity vs Depth



Resistivity vs Depth

Proj. McCoy, NV

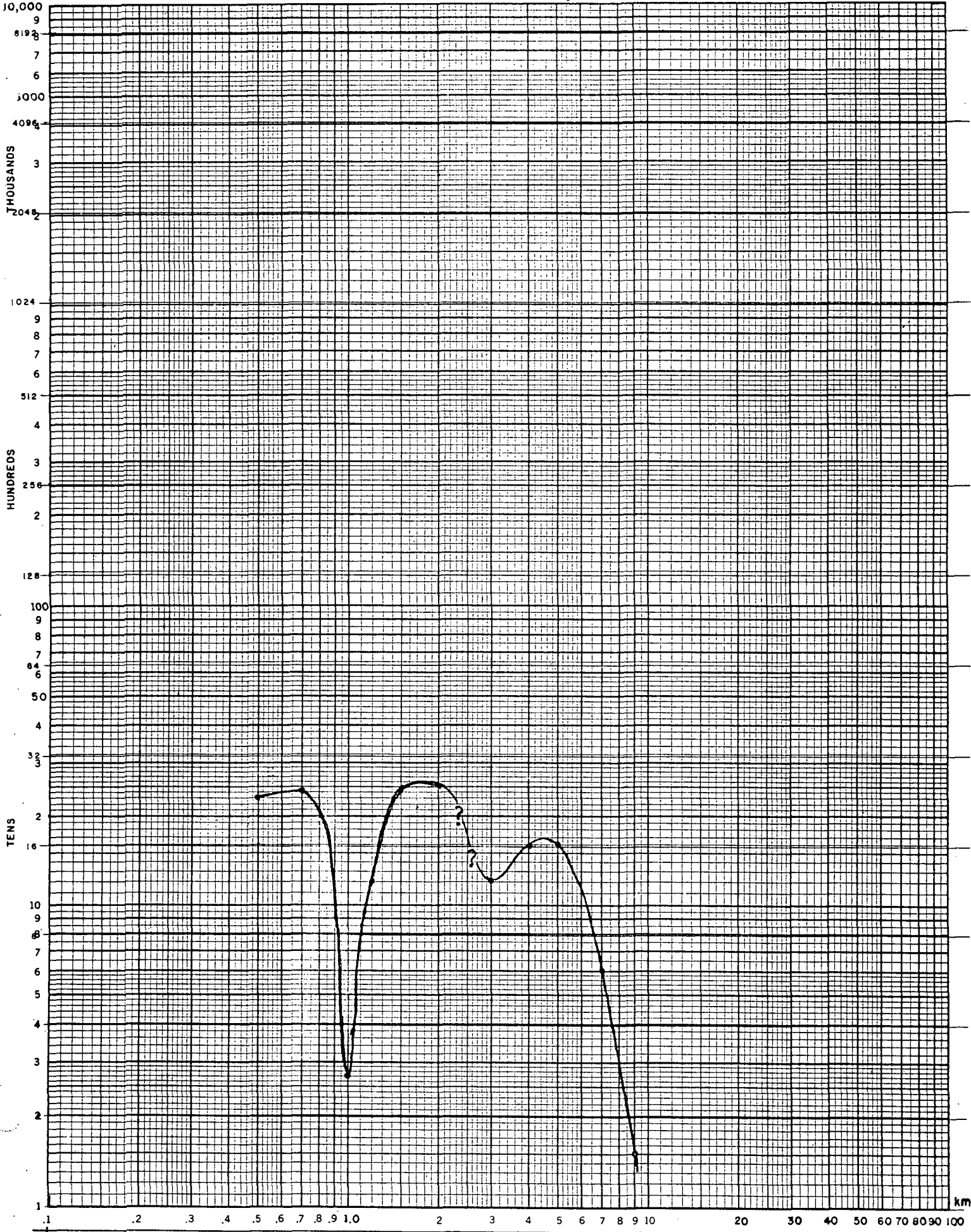
Station M6



Ωm Resistivity vs Depth

Proj. McCoy, NV

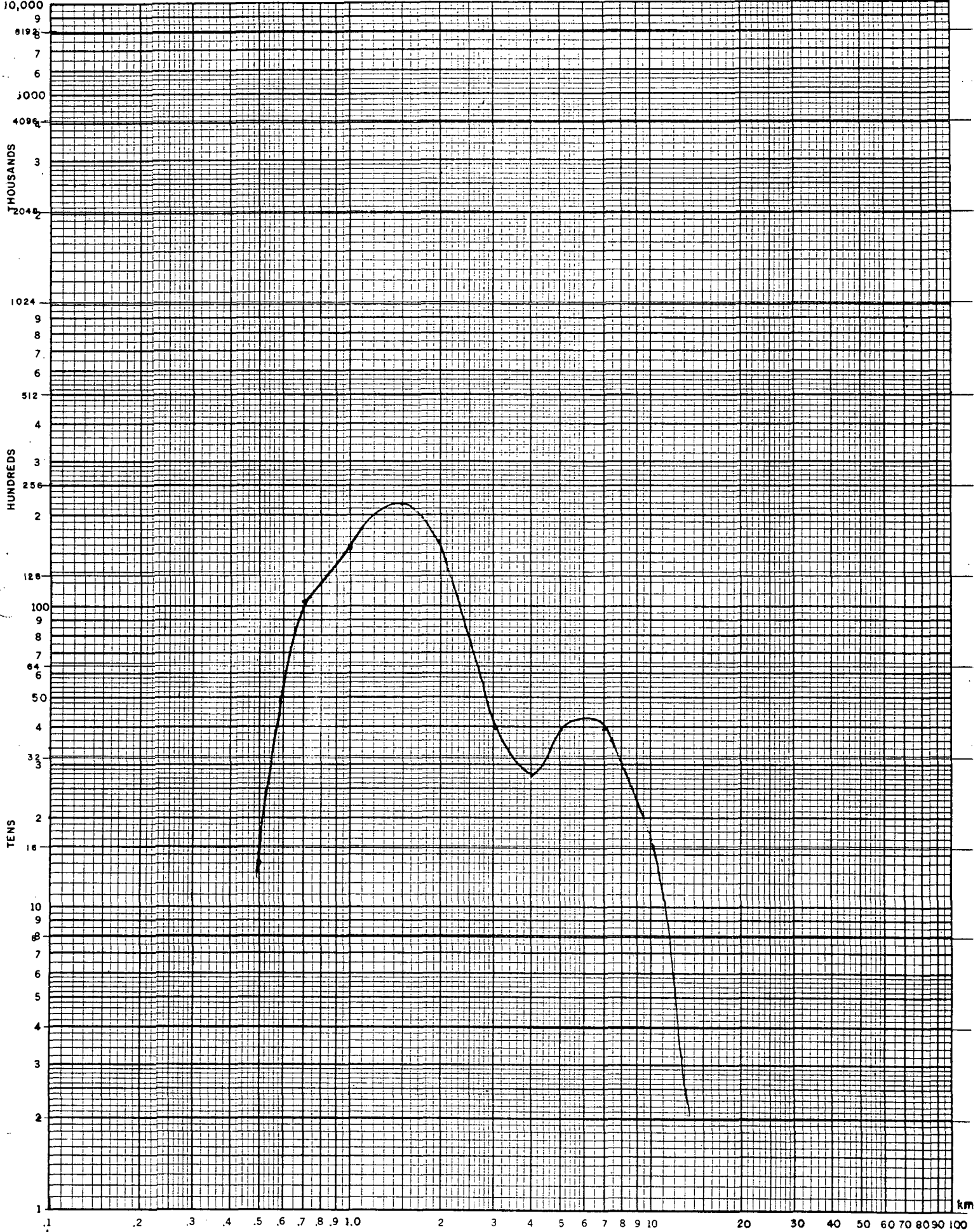
Station A6



Ωm Resistivity vs Depth

Proj. McCoy, NV

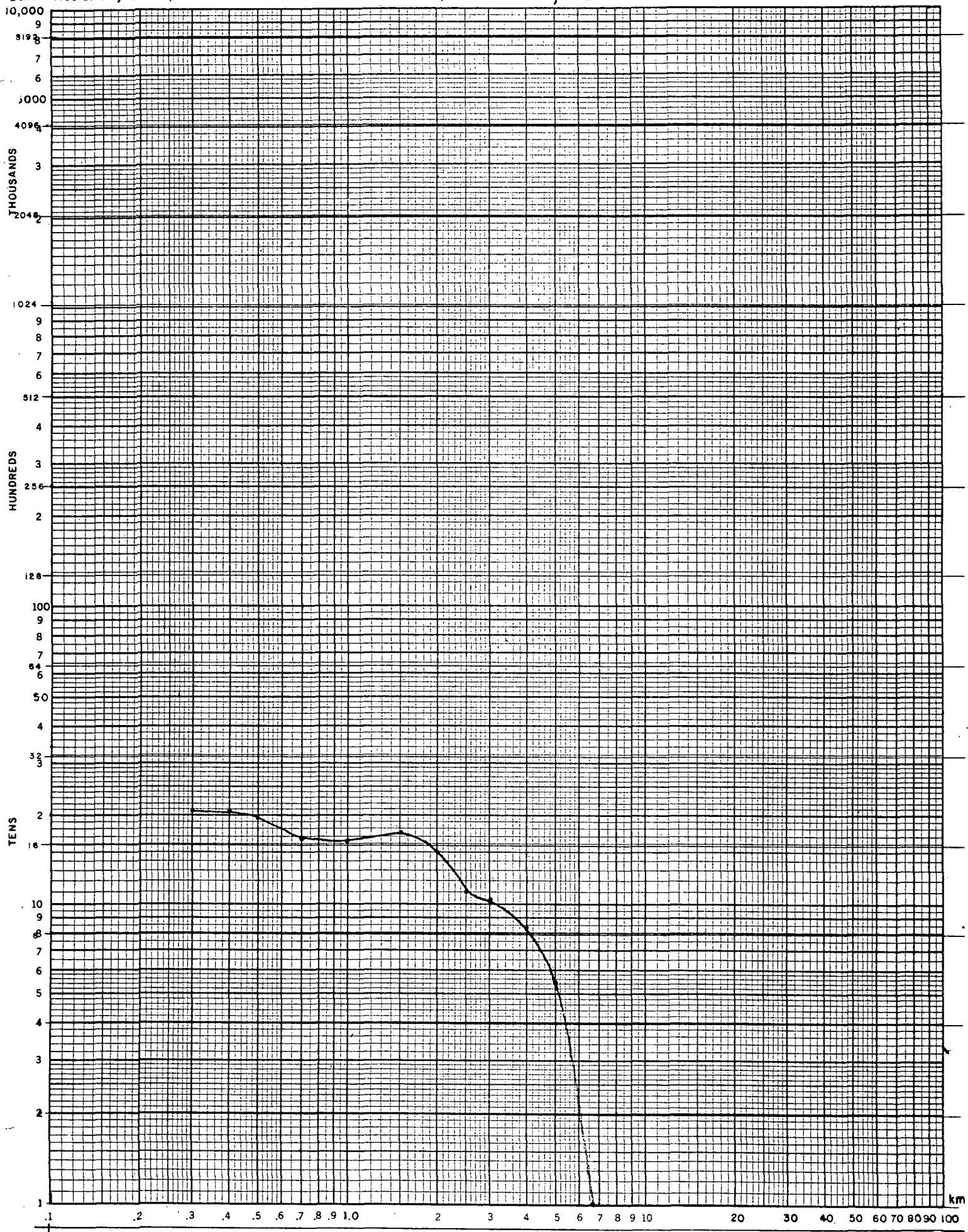
Station B6



$\Omega\cdot m$ Resistivity vs Depth

Proj. McCOY, NV

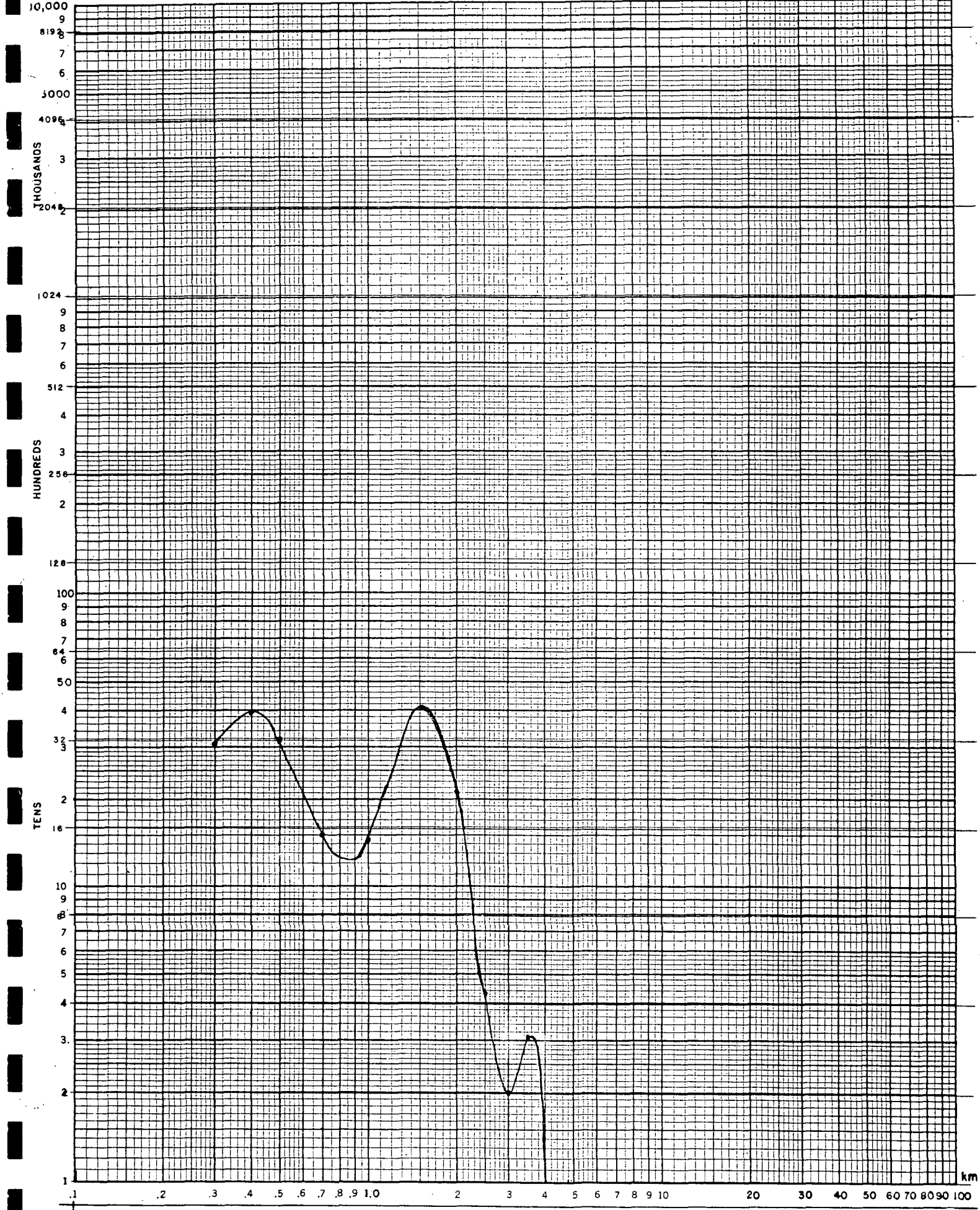
Station M7



Proj. McCoy, NV

Station A7

Ωm Resistivity vs Depth



Resistivity vs Depth

Proj. McCoy, NV

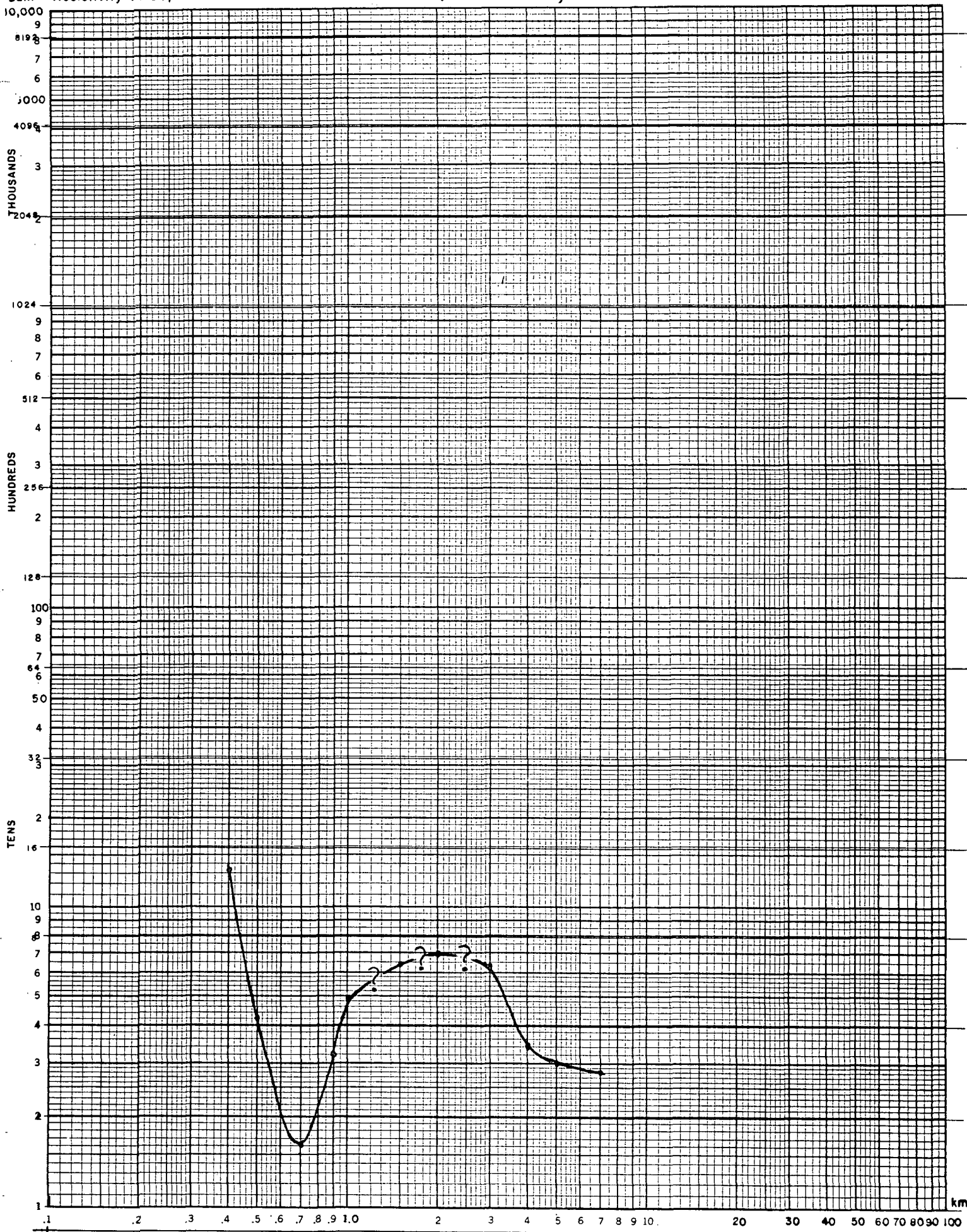
Station B7



Proj. McCoy, NV

Station M8

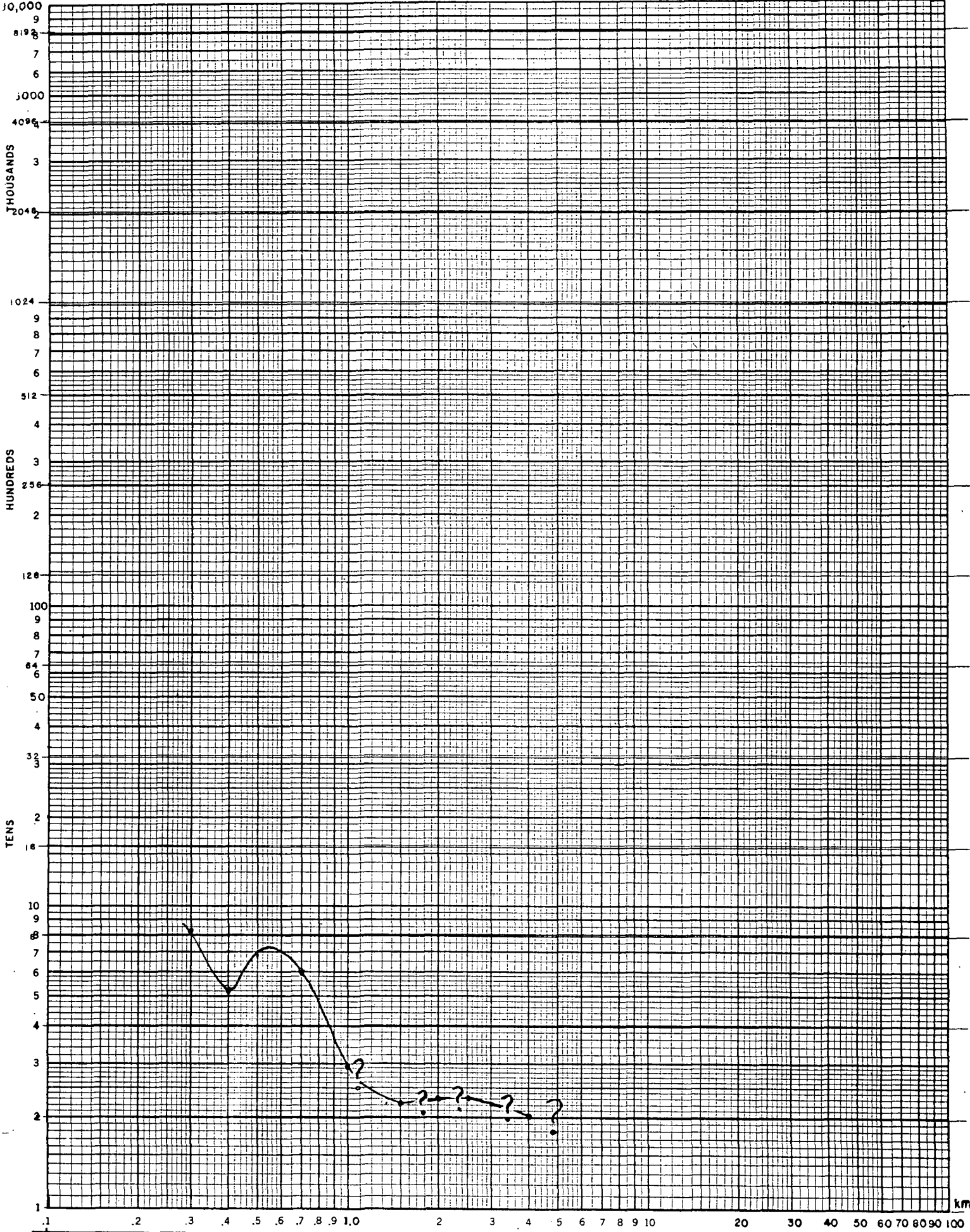
Ωm Resistivity vs Depth



Proj. MCCOY, NV

Station AB

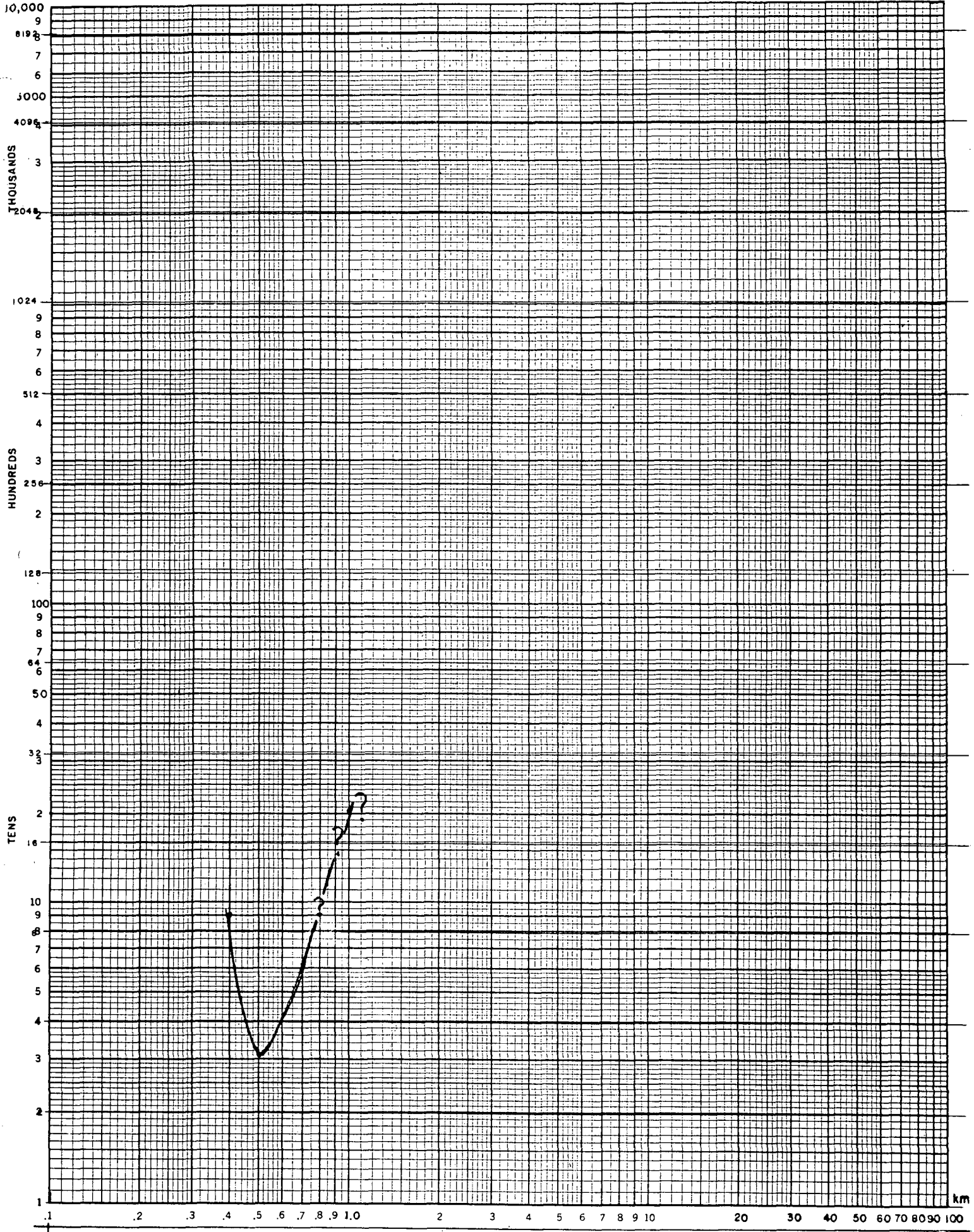
Ωm Resistivity vs Depth



Proj. McCoy, NV

Station B8

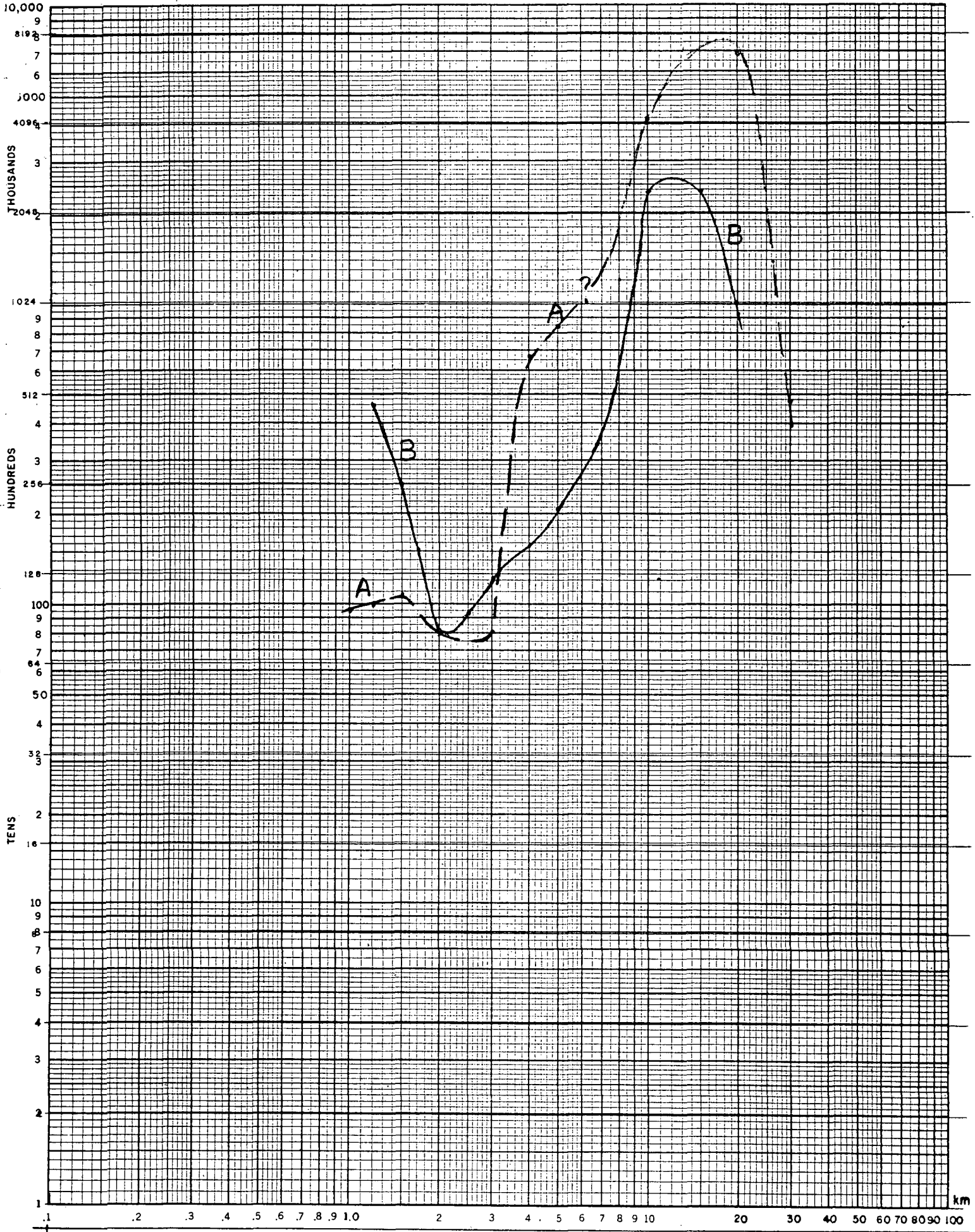
5m Resistivity vs Depth



Ωm Resistivity vs Depth

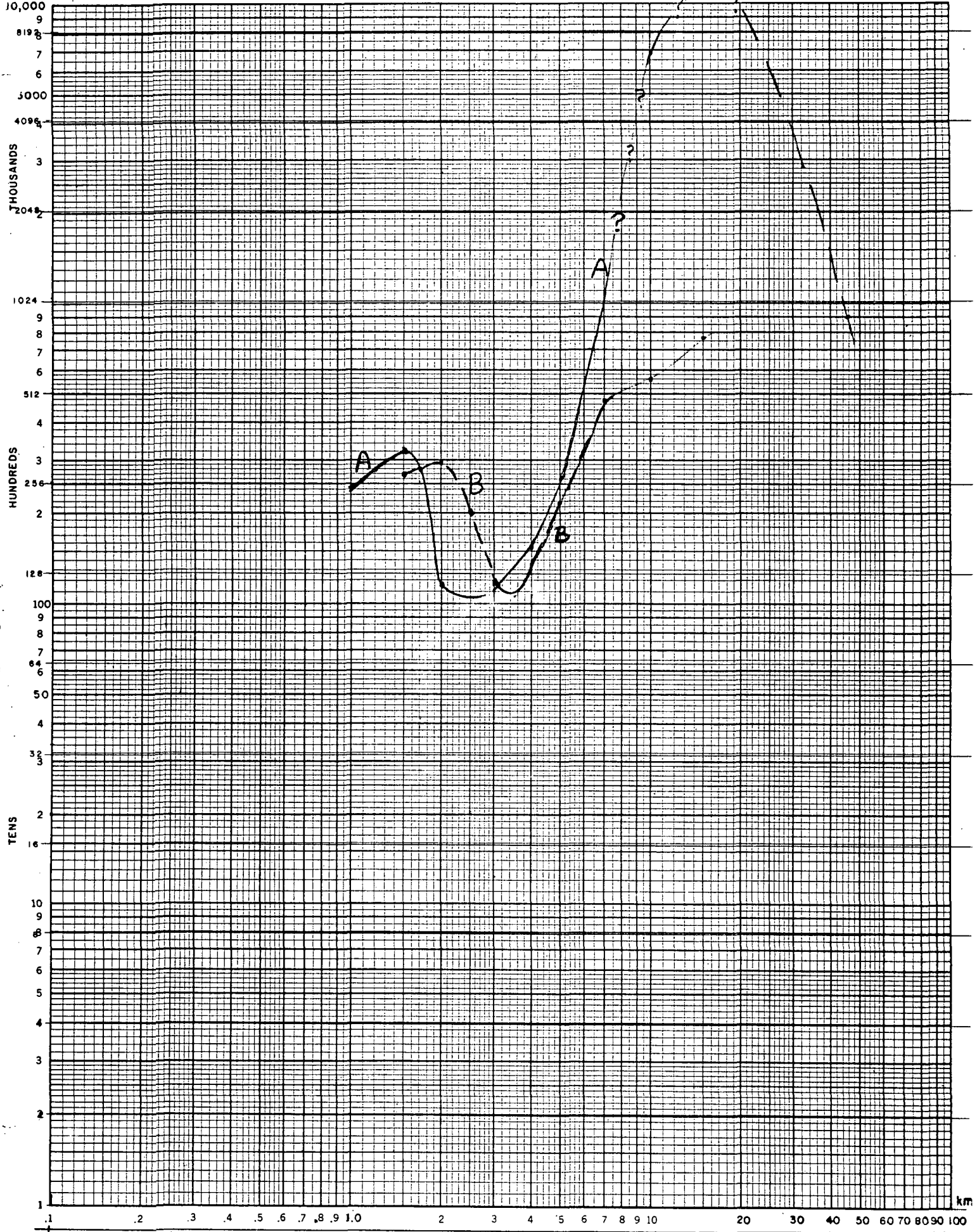
Proj. McCoy, NV

Station M9



52m Resistivity vs Depth

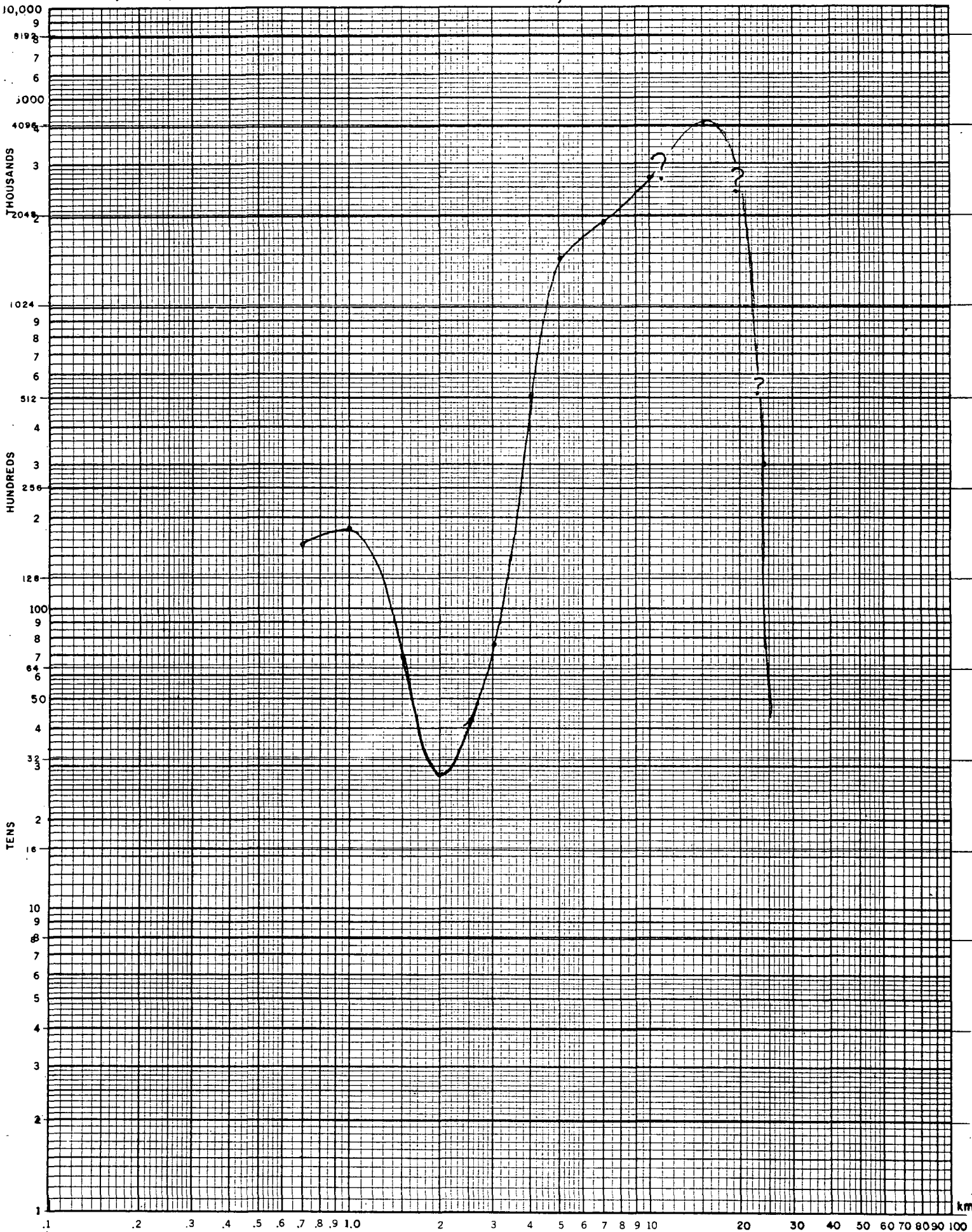
Proj. MCCOY, NV Station A9



52m Resistivity vs Depth

Proj. McCoy, NV

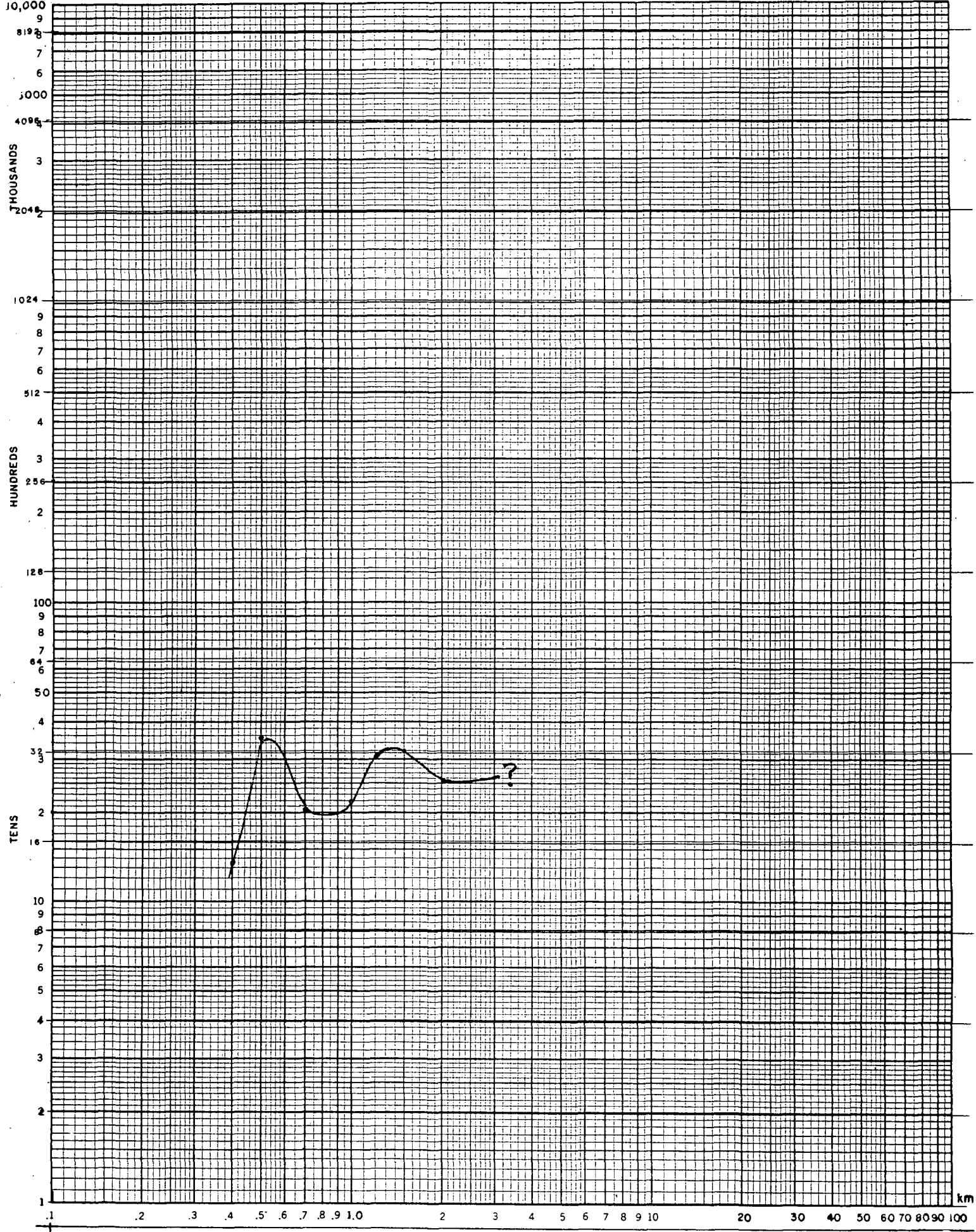
Station B9



$\Omega\cdot m$ Resistivity vs Depth

Proj. McCoy, NV

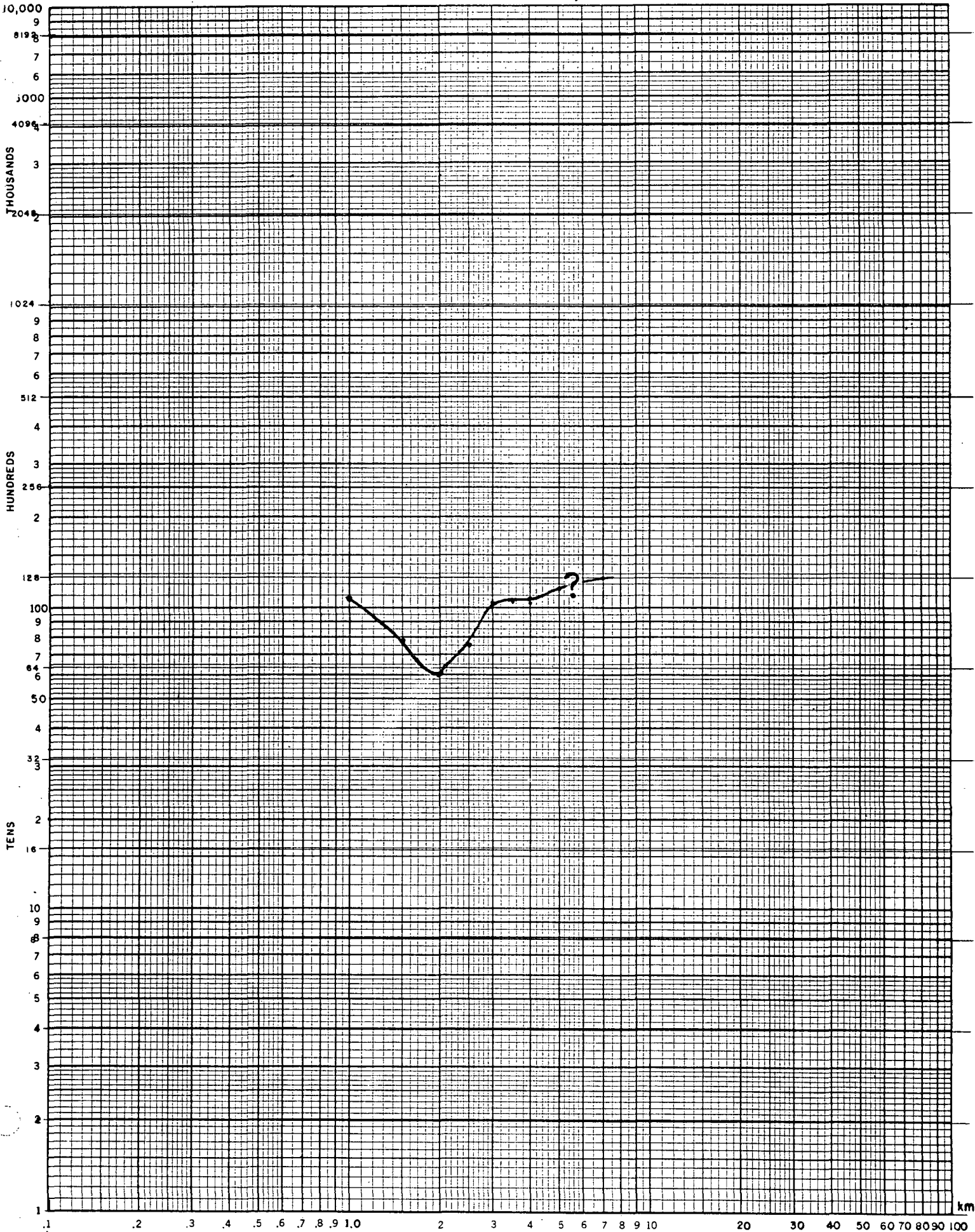
Station M10



$\Omega\cdot m$ Resistivity vs Depth

Proj. McCoy, NV

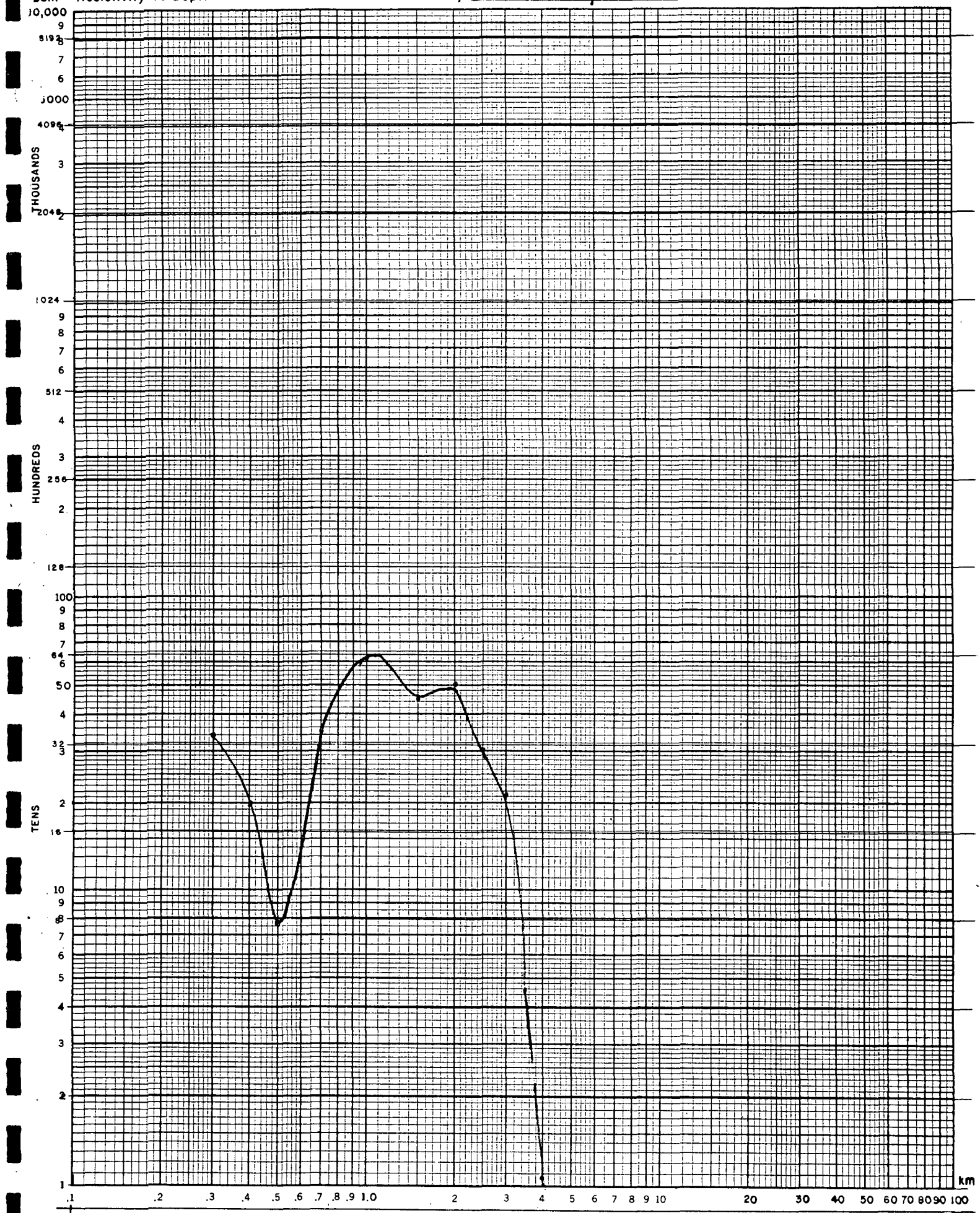
Station A10



Proj. McCoy, NV

Station B10

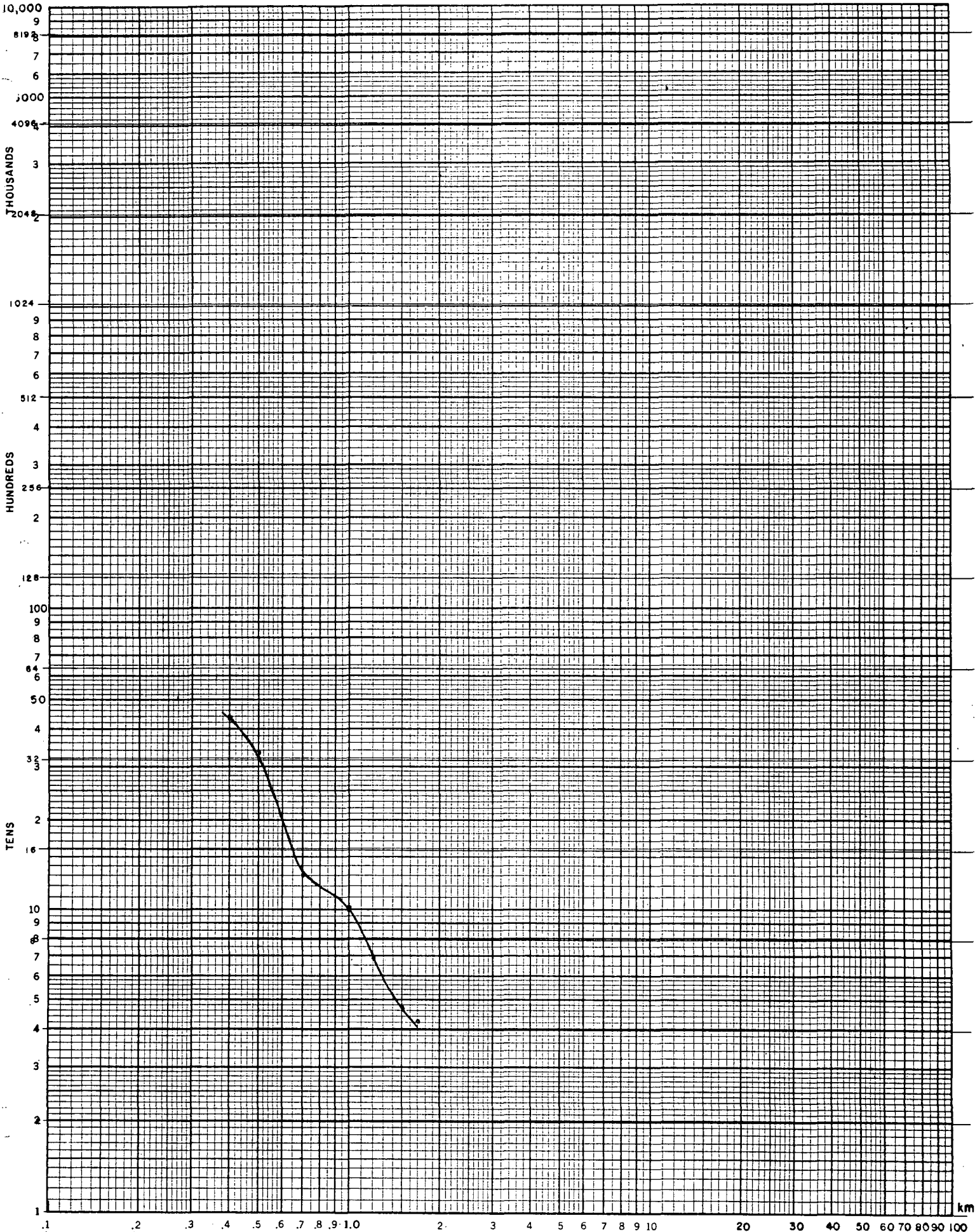
Ωm Resistivity vs Depth



Ωm Resistivity vs Depth

Proj. McCoy, NV

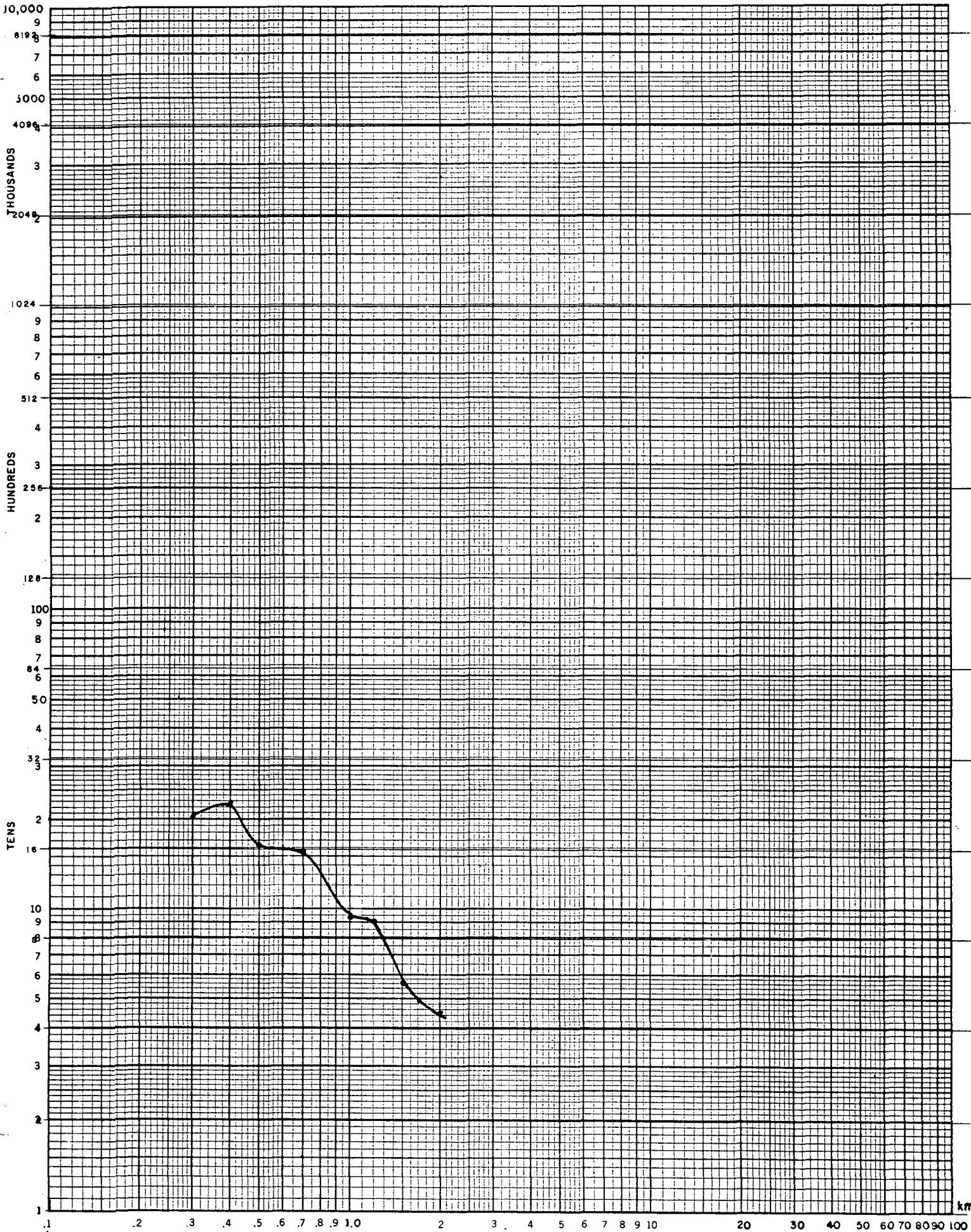
Station M11



Resistivity vs Depth

Proj. McCoy

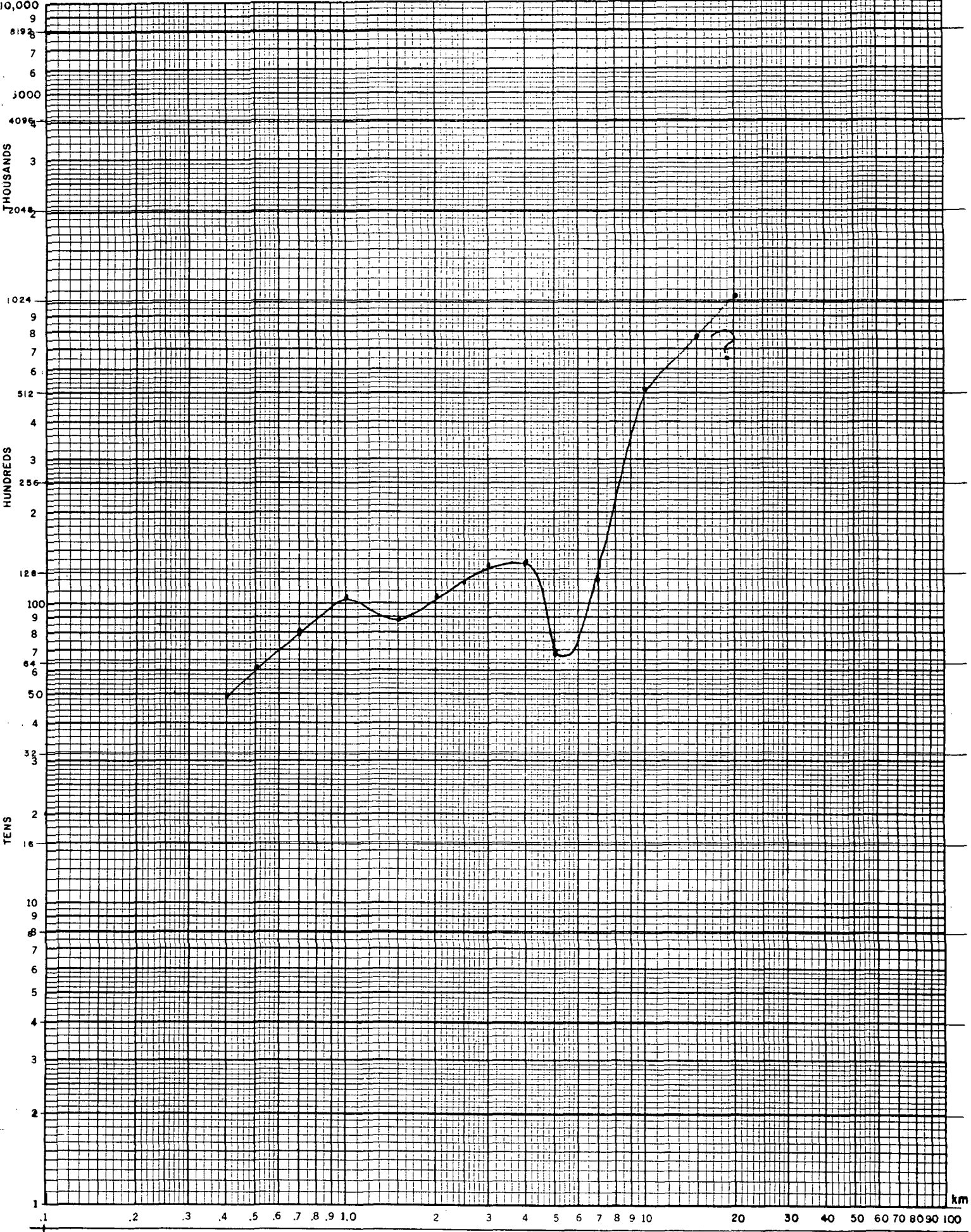
Station. A11



Proj. McCOY, NV

Station M12

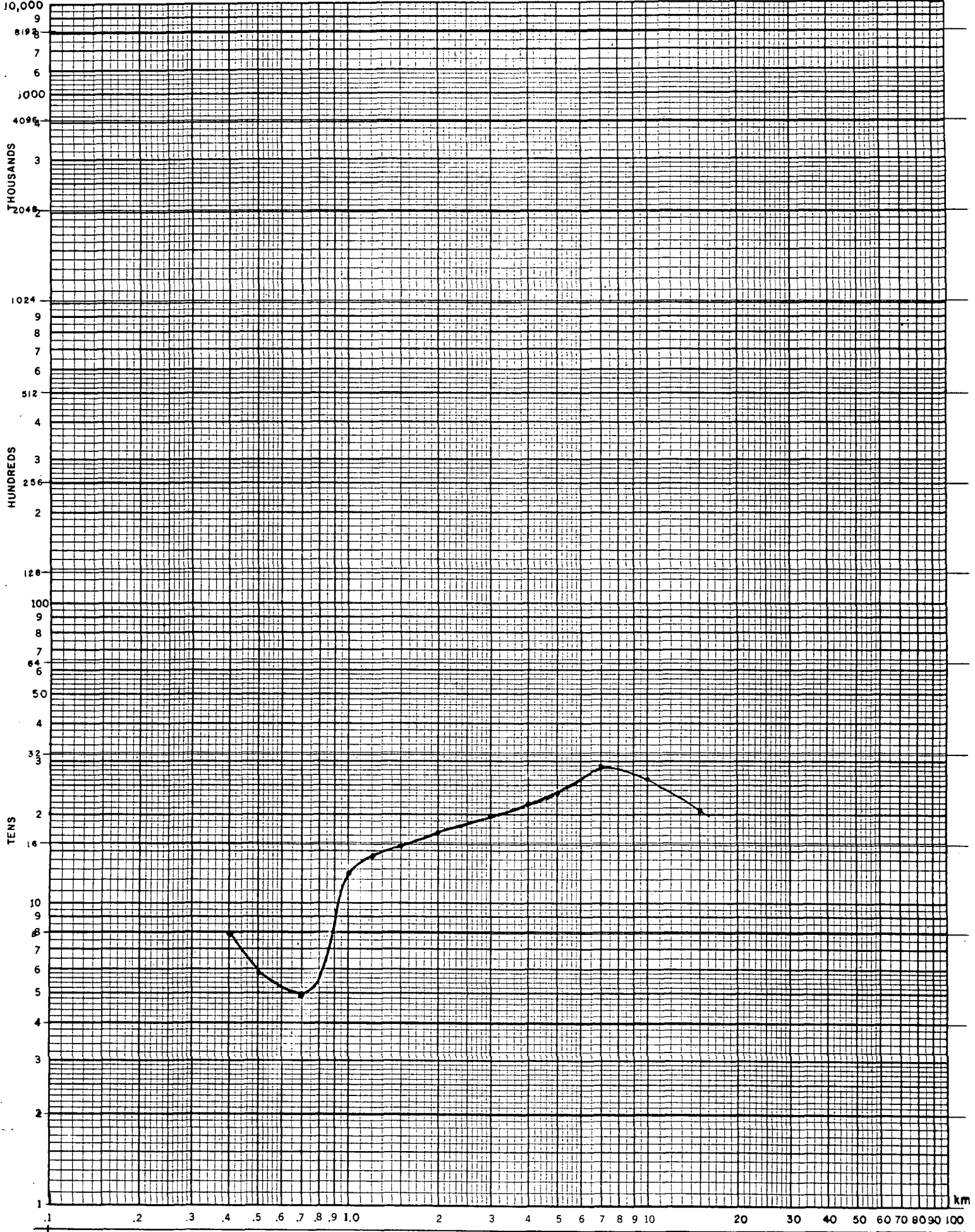
Ωm Resistivity vs Depth



Proj. McCoy, NV

Station A12

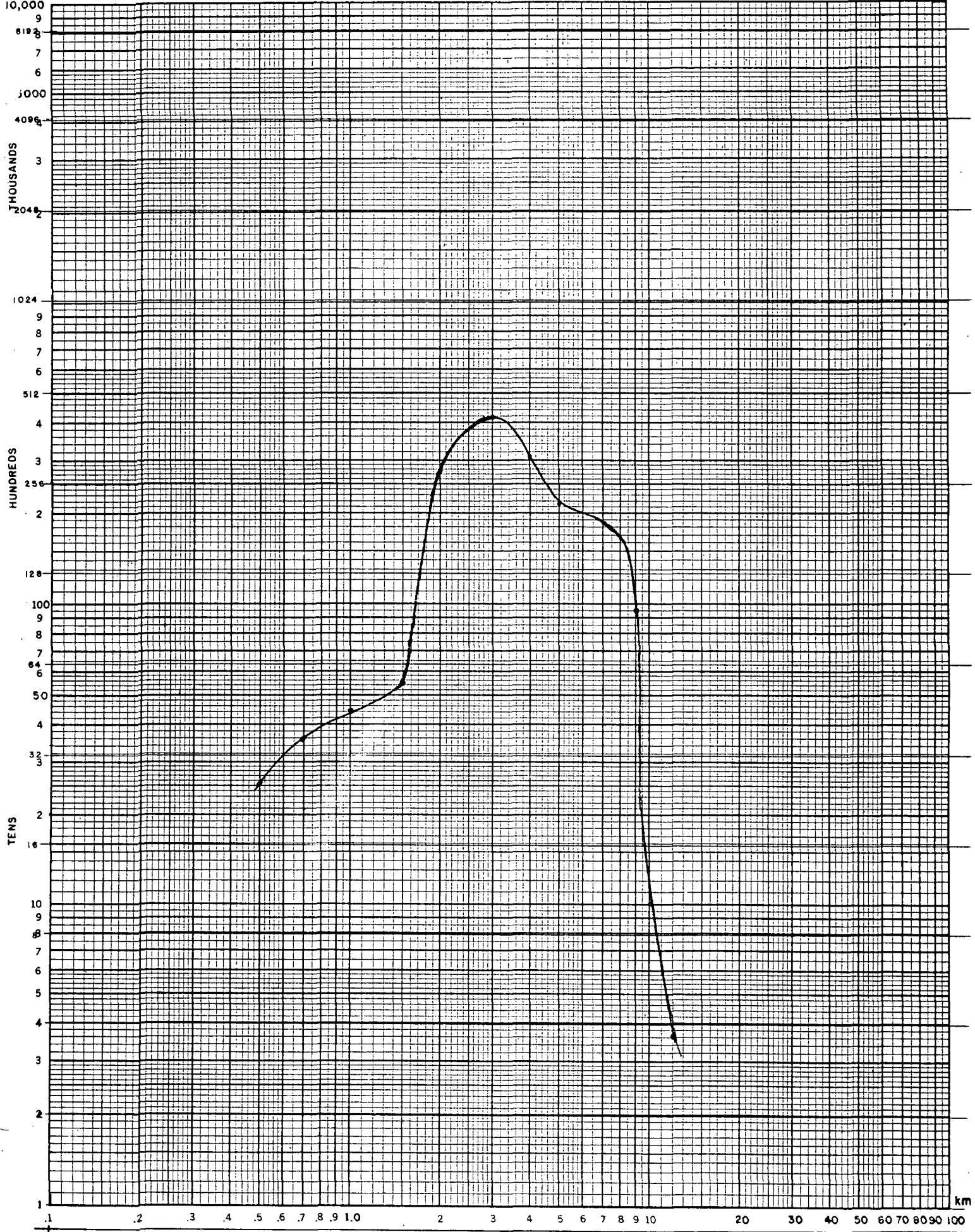
$\Omega\cdot m$ Resistivity vs Depth



Proj. MCCOY, NV

Station B12

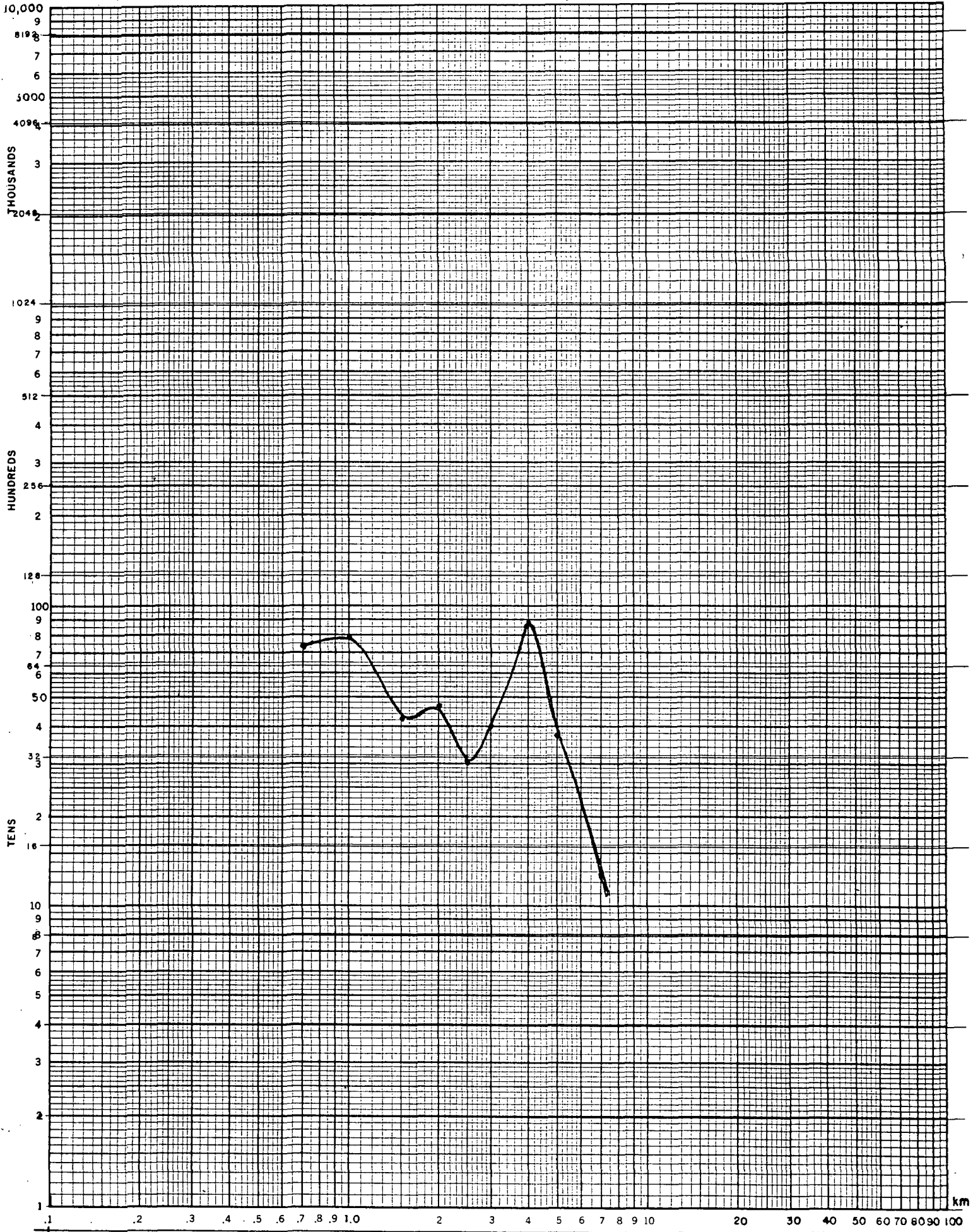
$\Omega\cdot m$ Resistivity vs Depth



Proj. McCoy, NV

Station M13

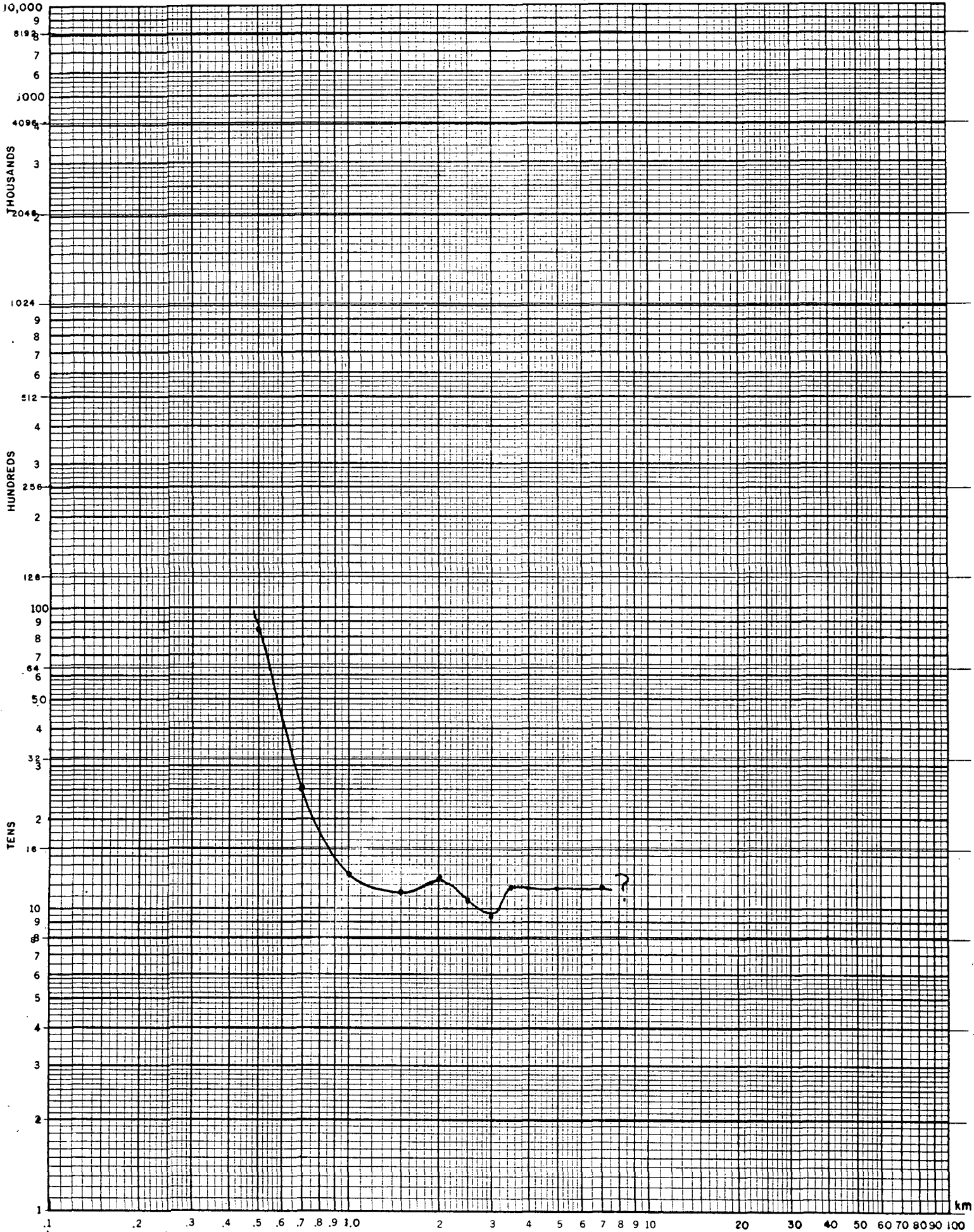
Ωm Resistivity vs Depth



Proj. McCoy, NV

Station A13

Ω .m Resistivity vs Depth



52m Resistivity vs Depth

Proj. MCCOY, NV

Station B13

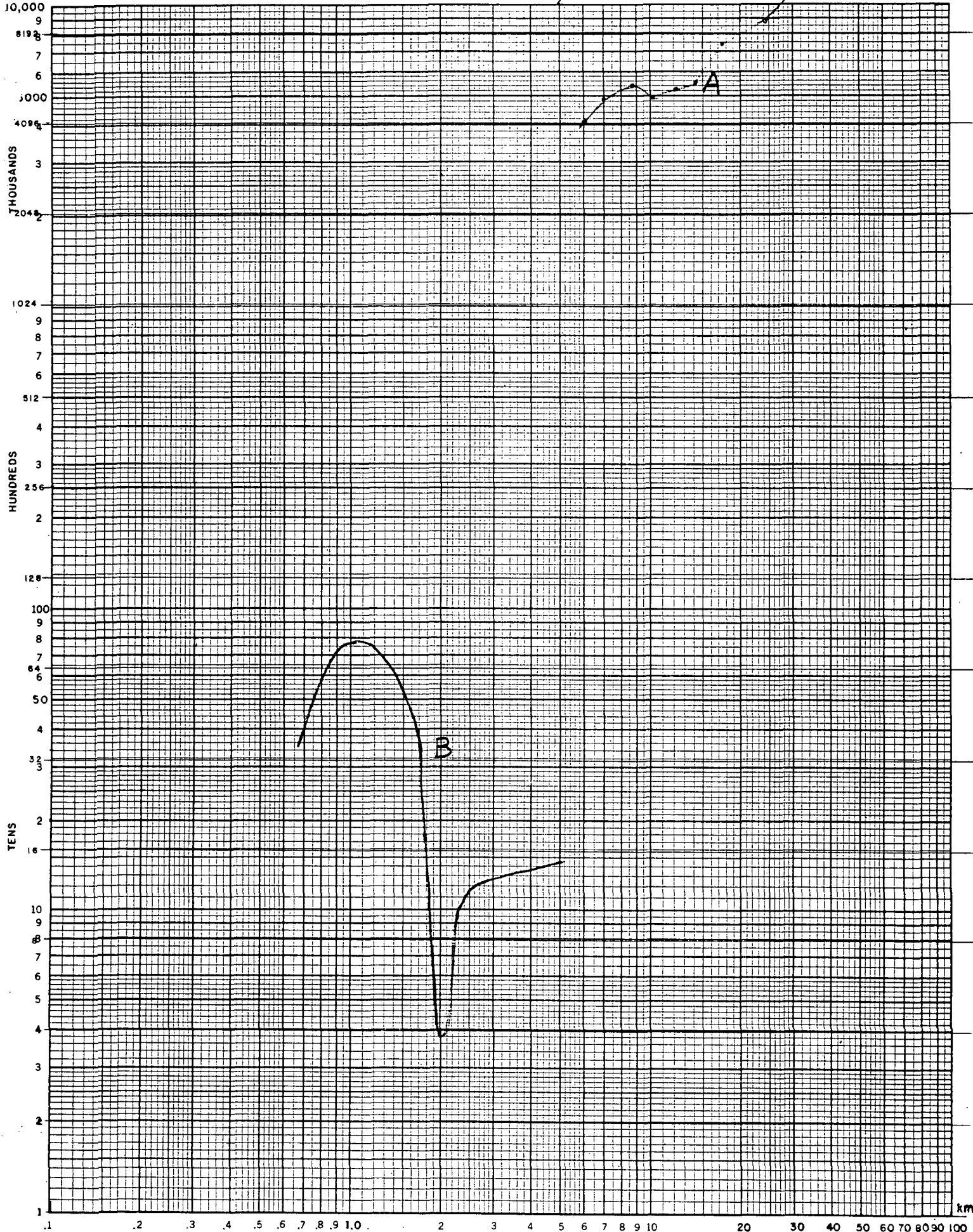


52m Resistivity vs Depth

Proj. McCoy, NV

Station M14

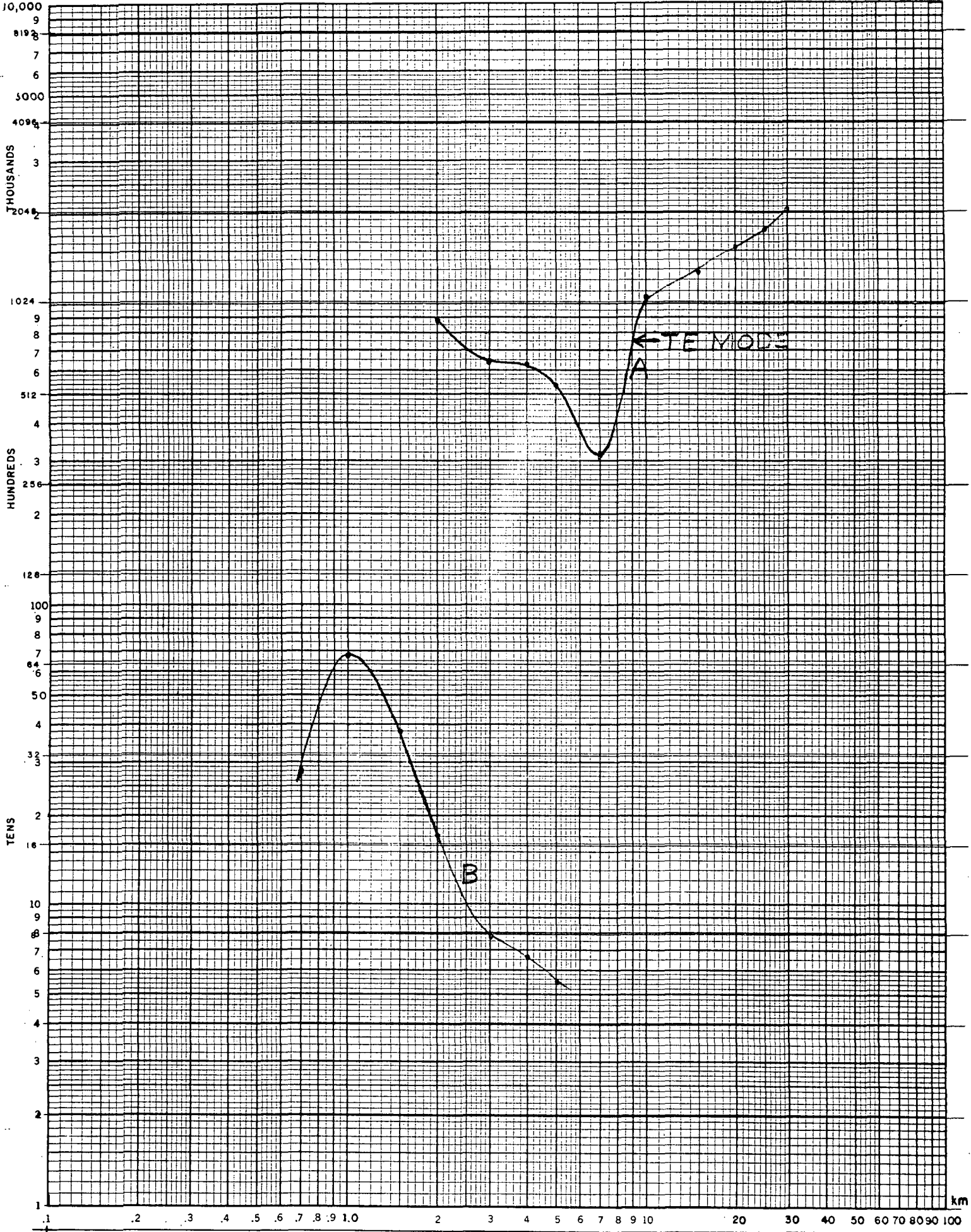
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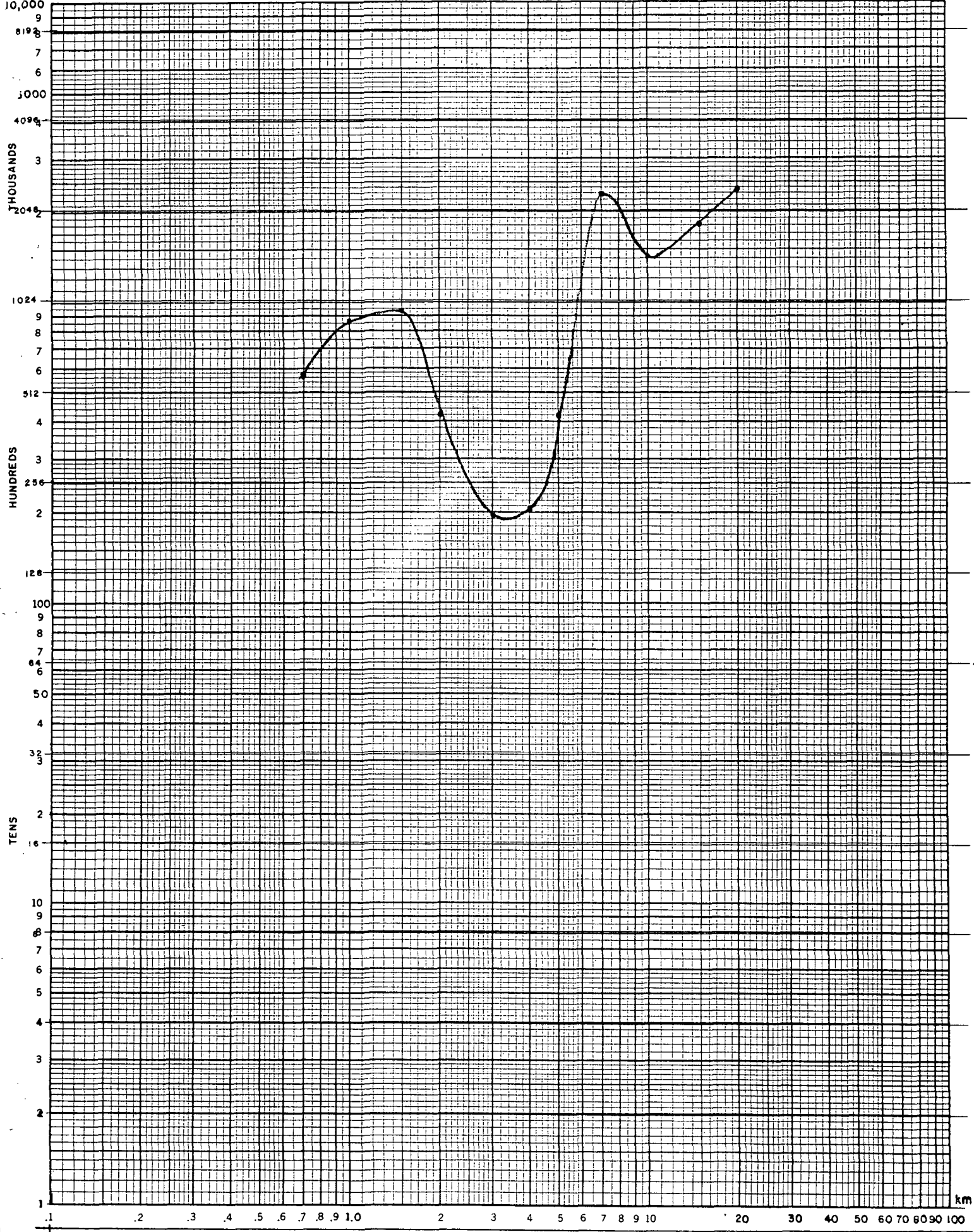
Ωm Resistivity vs Depth

Proj: McGOY, NV

Station A14

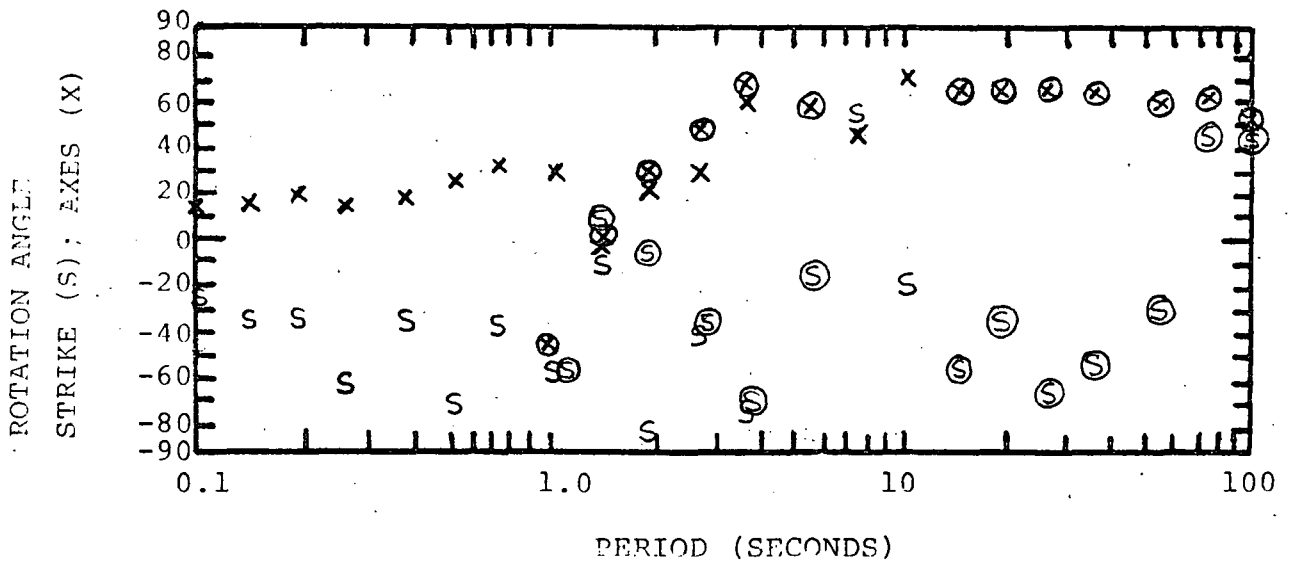
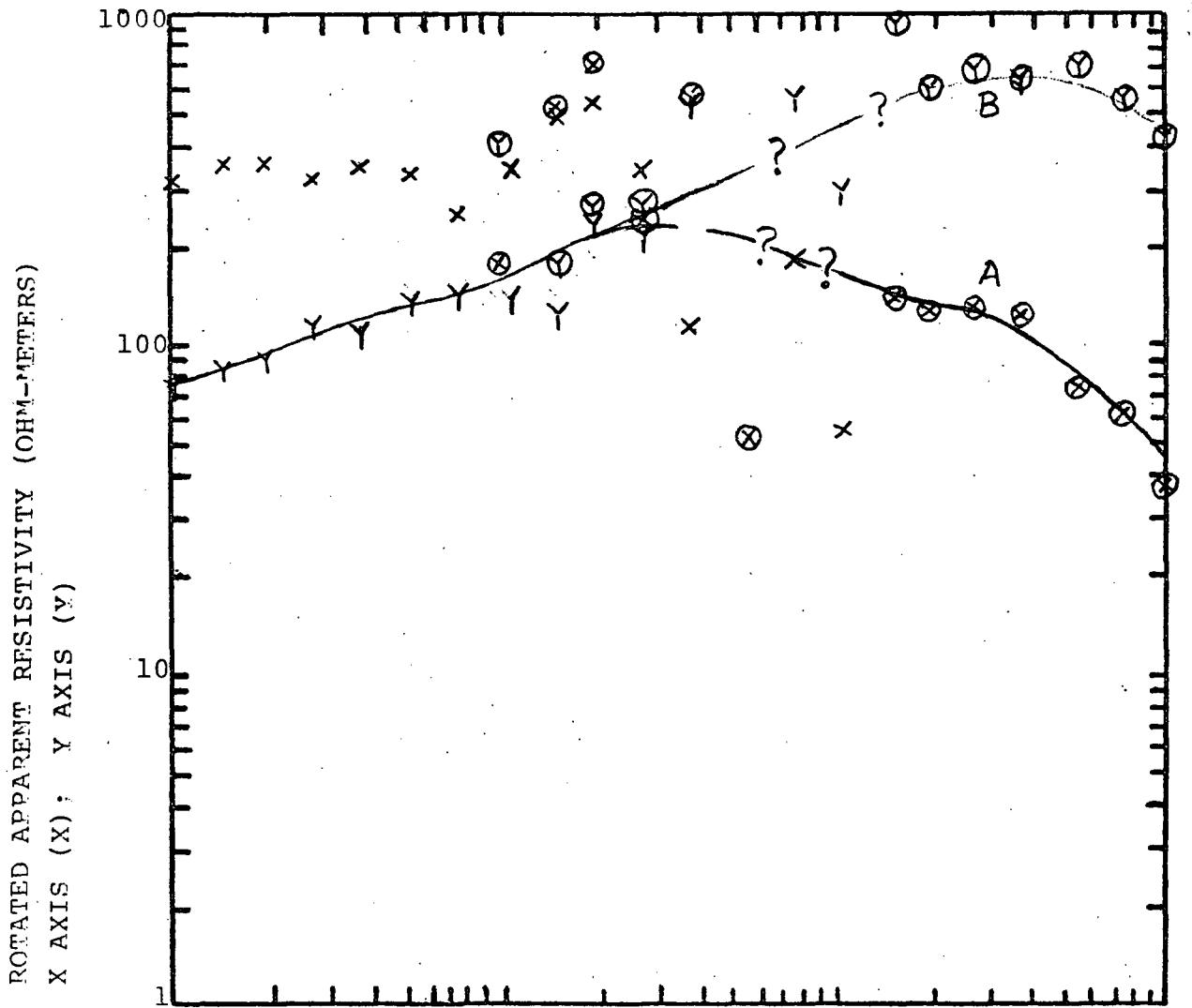


$\Omega \cdot m$ Resistivity vs Depth



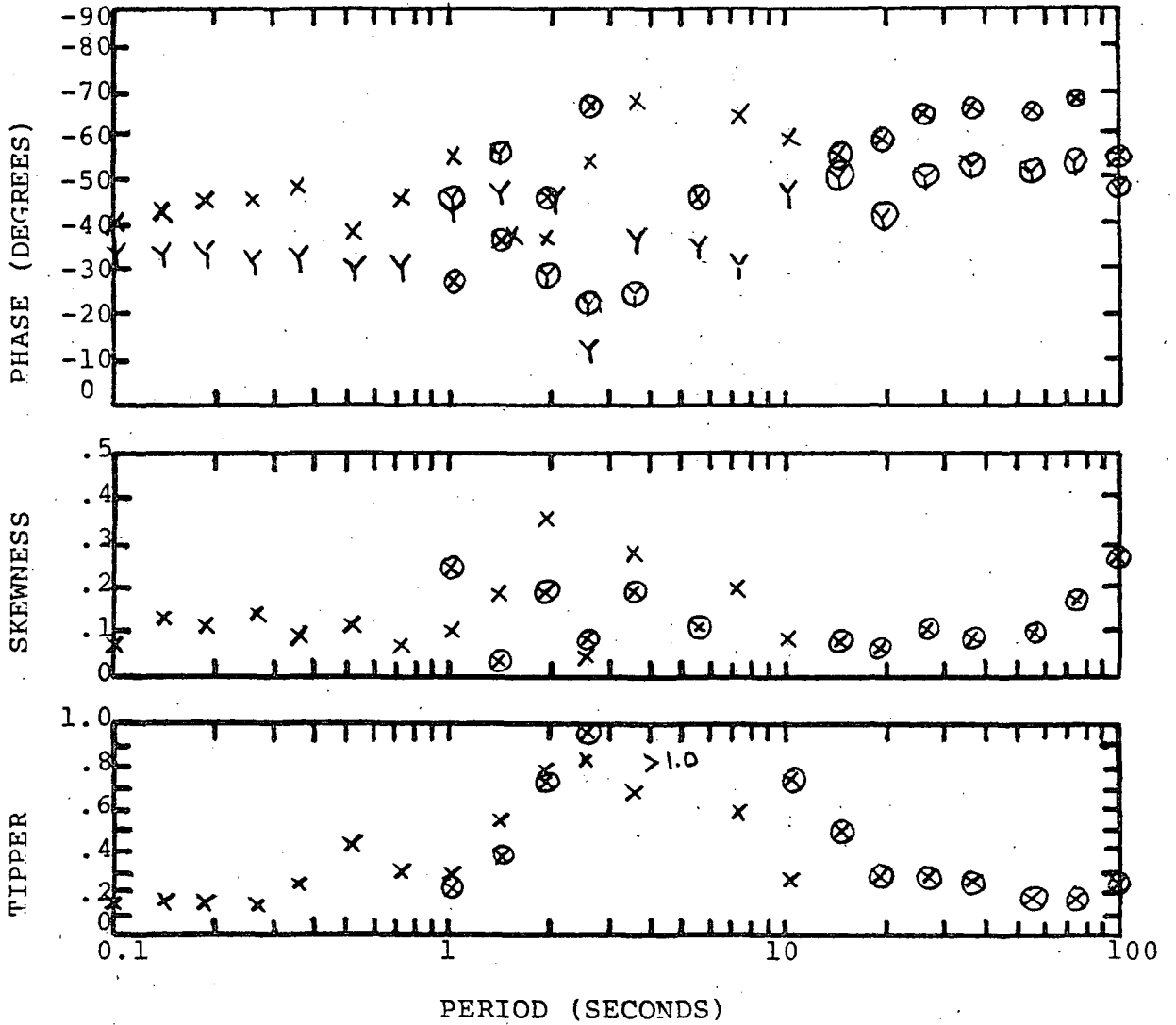
PROSPECT McCOY, NEVADA

STATION MI

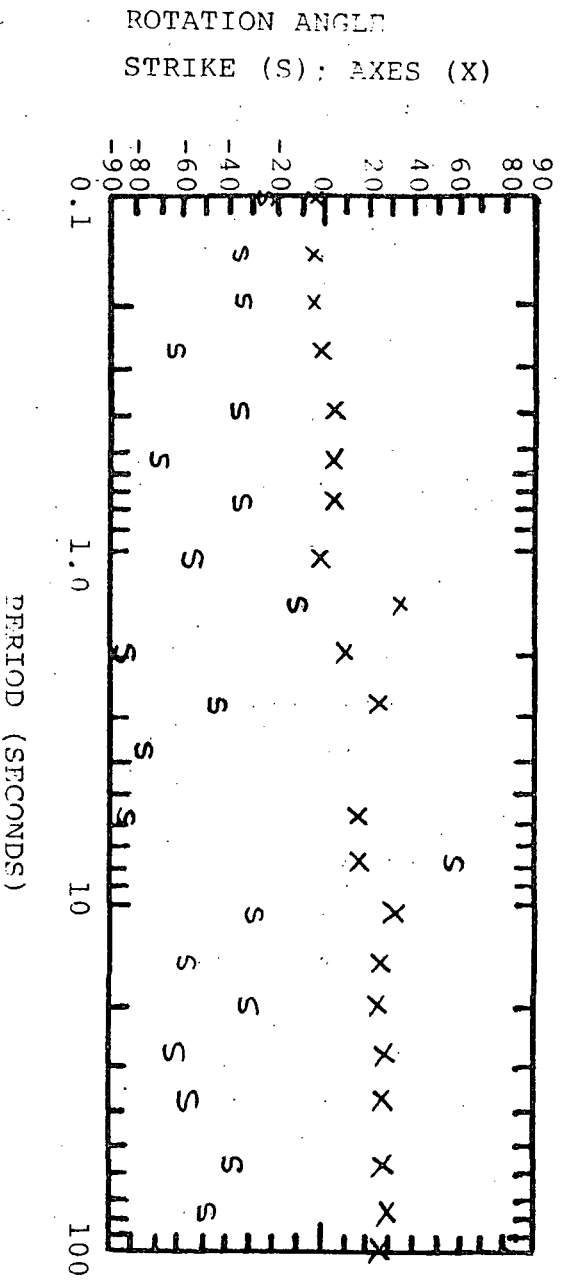
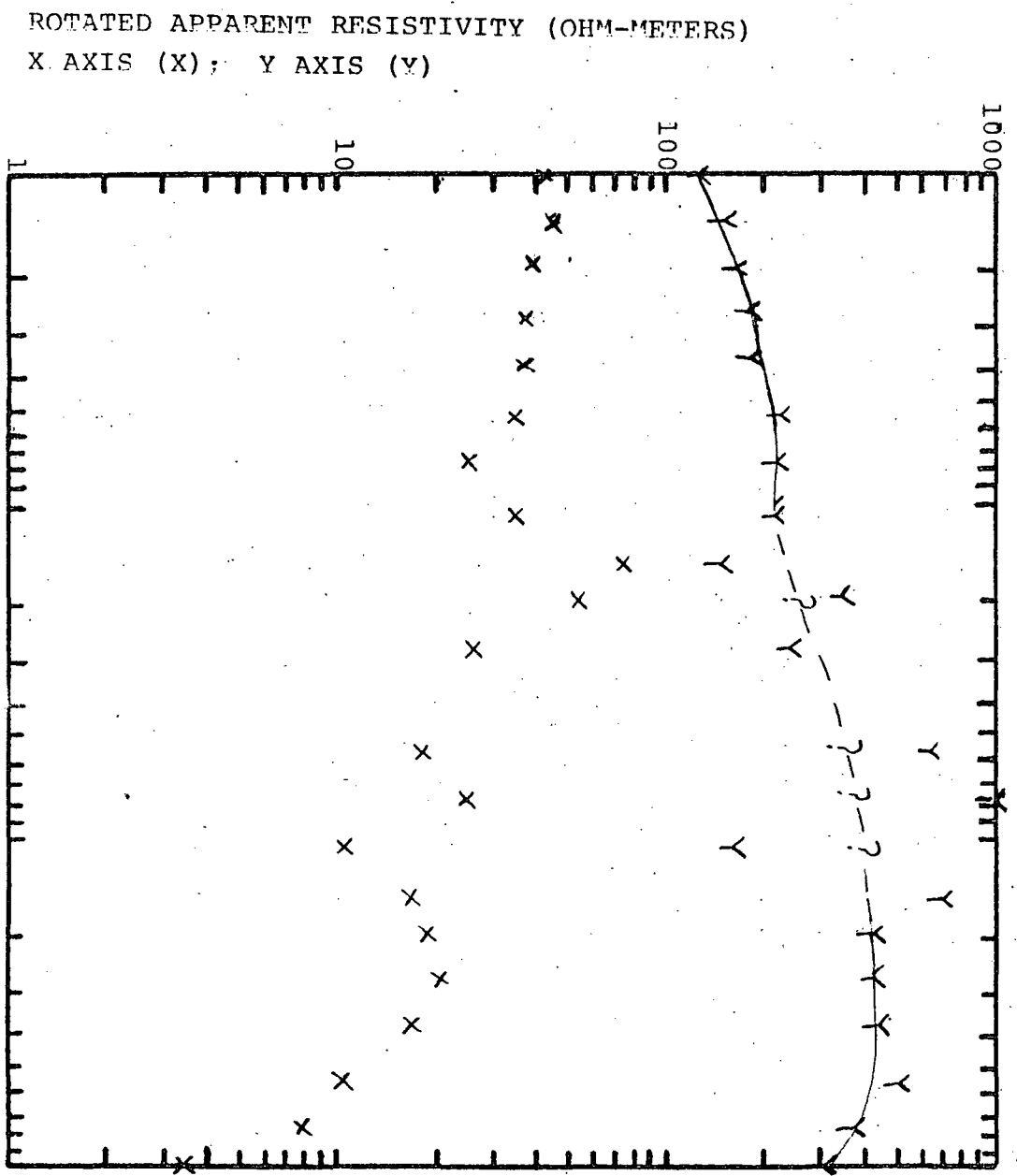


McCOY, NEVADA

STATION MI

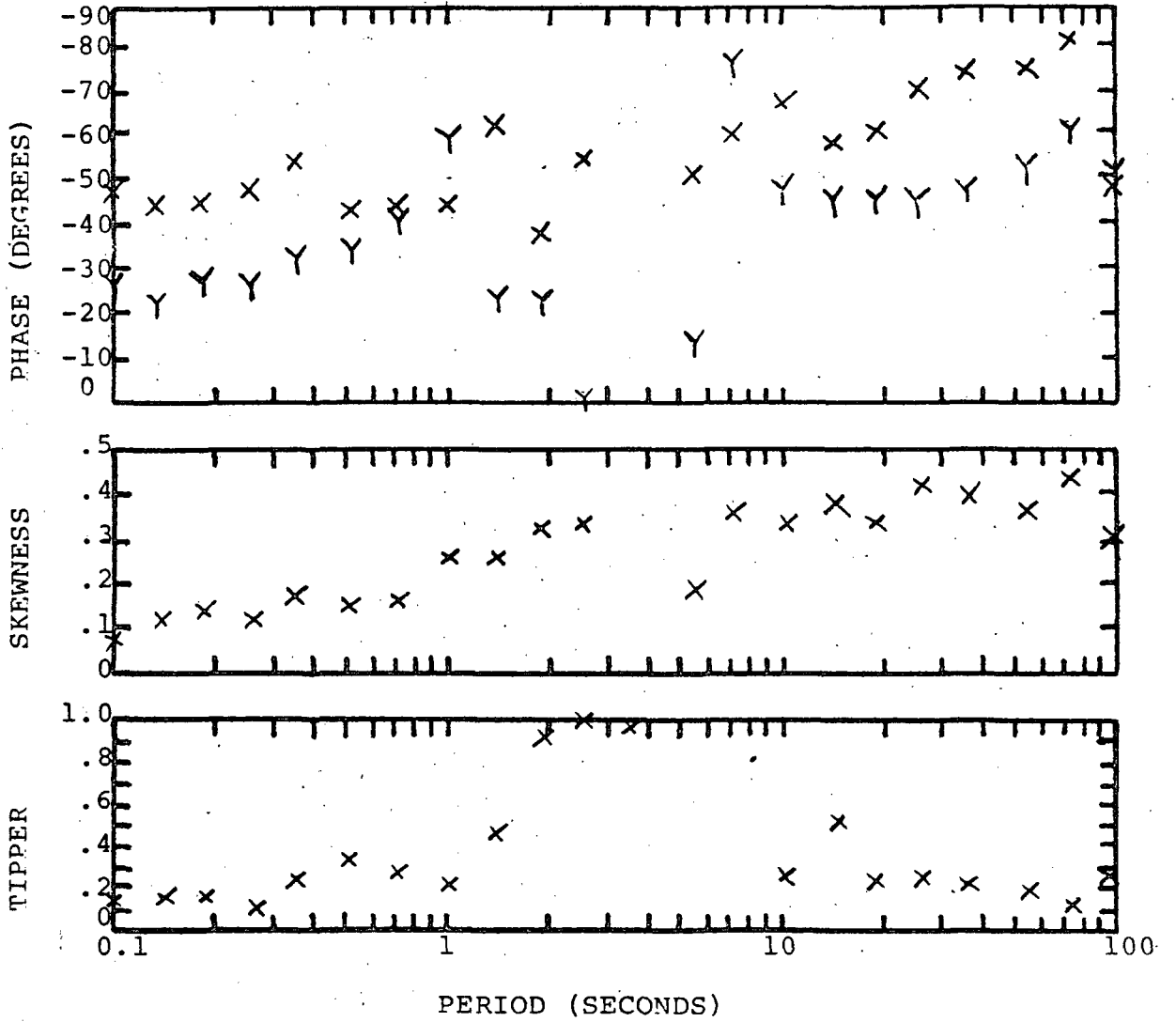


PROSPECT MCCOY, NEVADA
 STATION A1

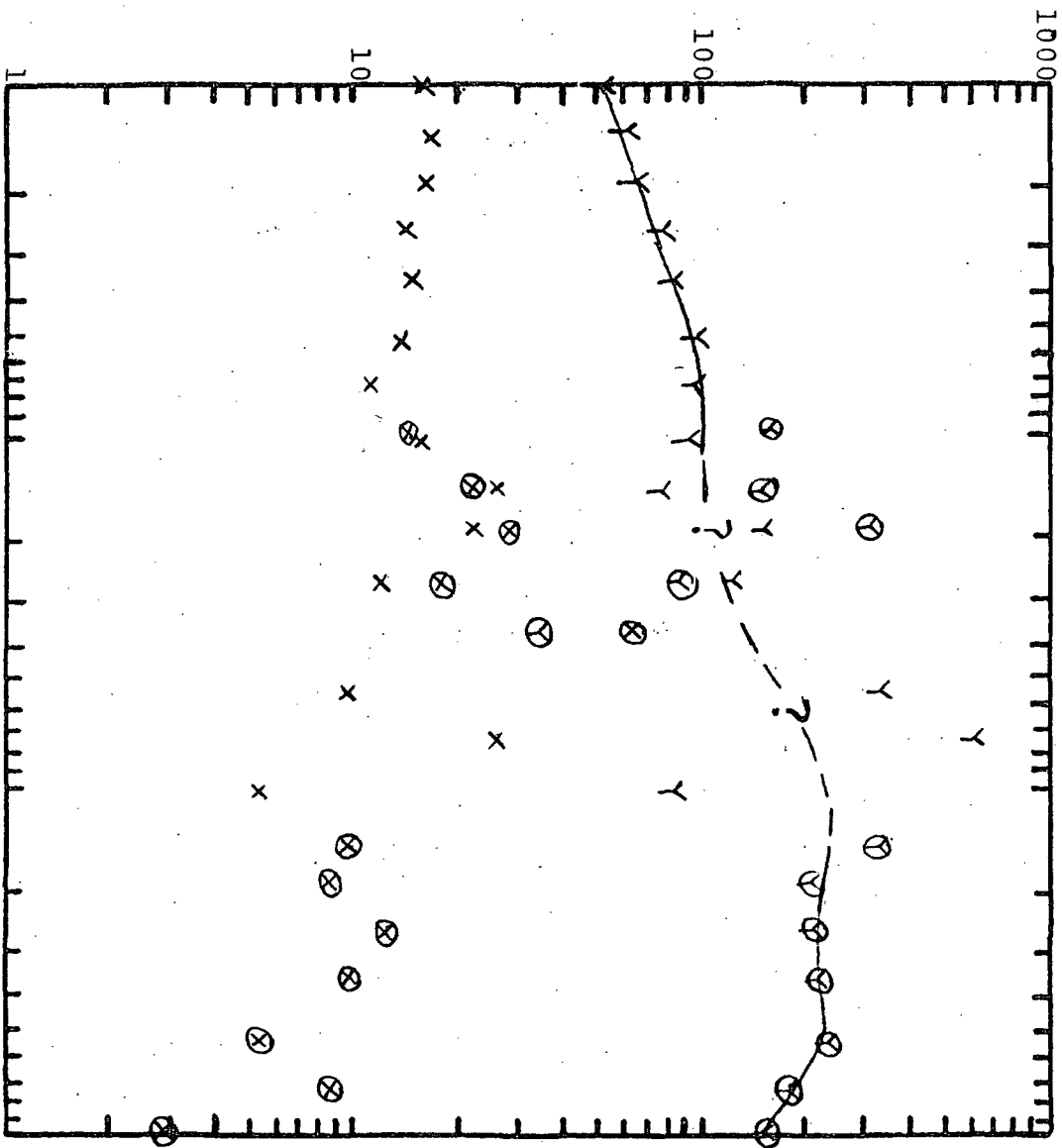


McCOY, NEVADA

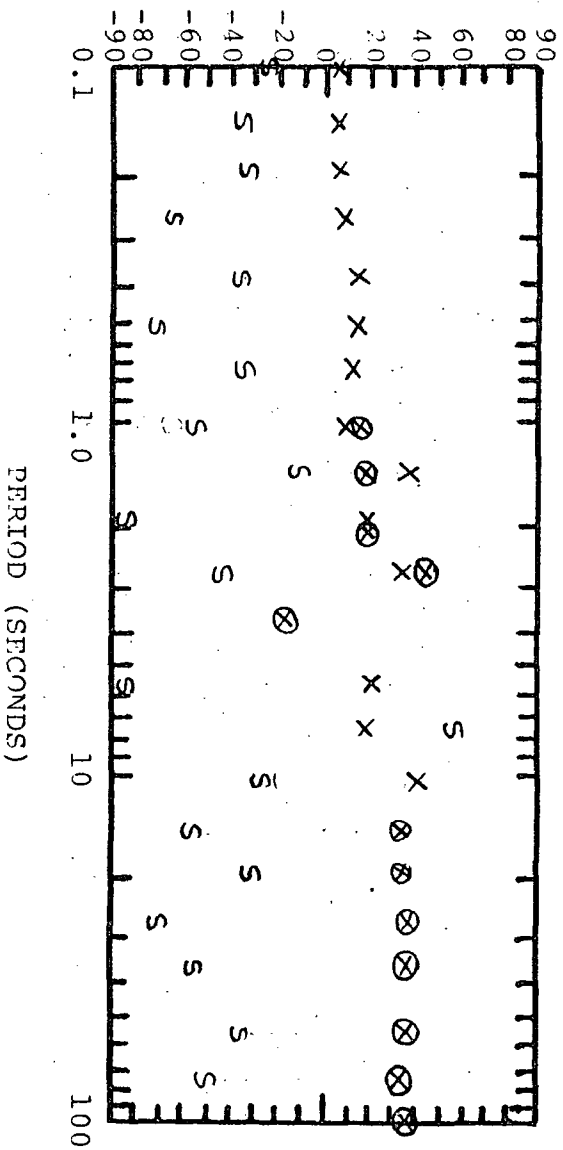
STATION AI



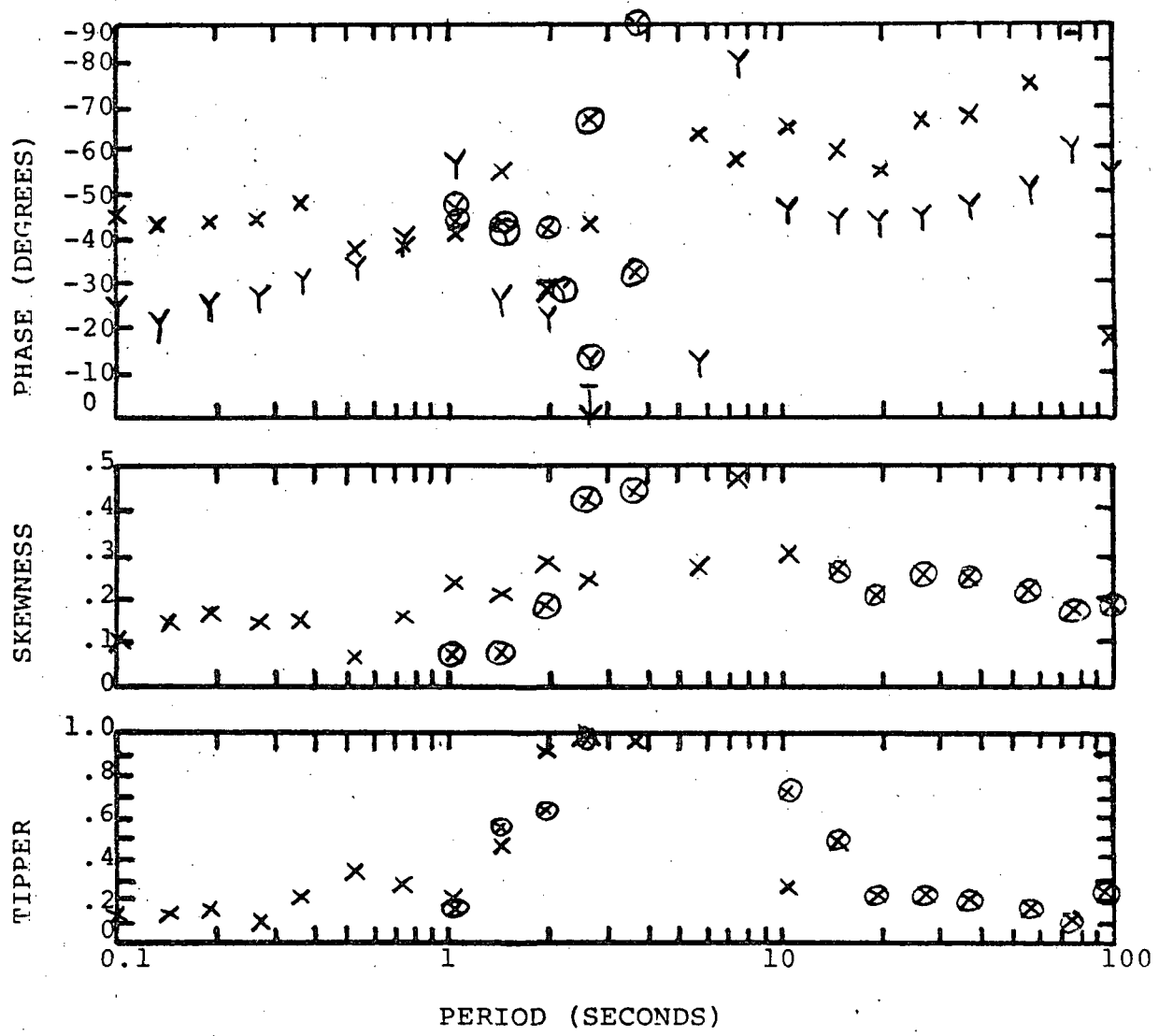
ROTATED APPARENT RESISTIVITY (OHM-METERS)
 X AXIS (X); Y AXIS (Y)



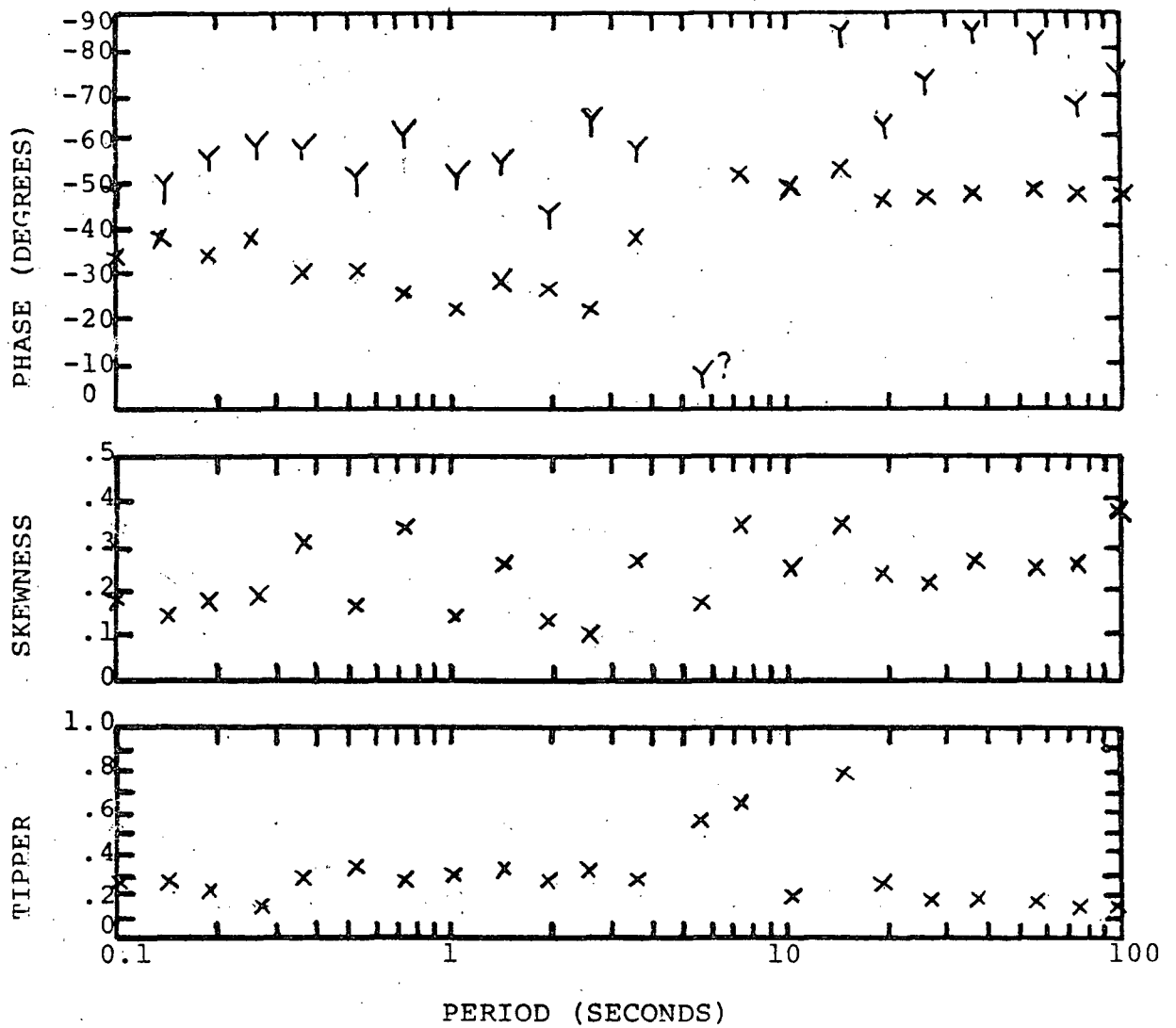
ROTATION ANGLE
 STRIKE (S); AXES (X)

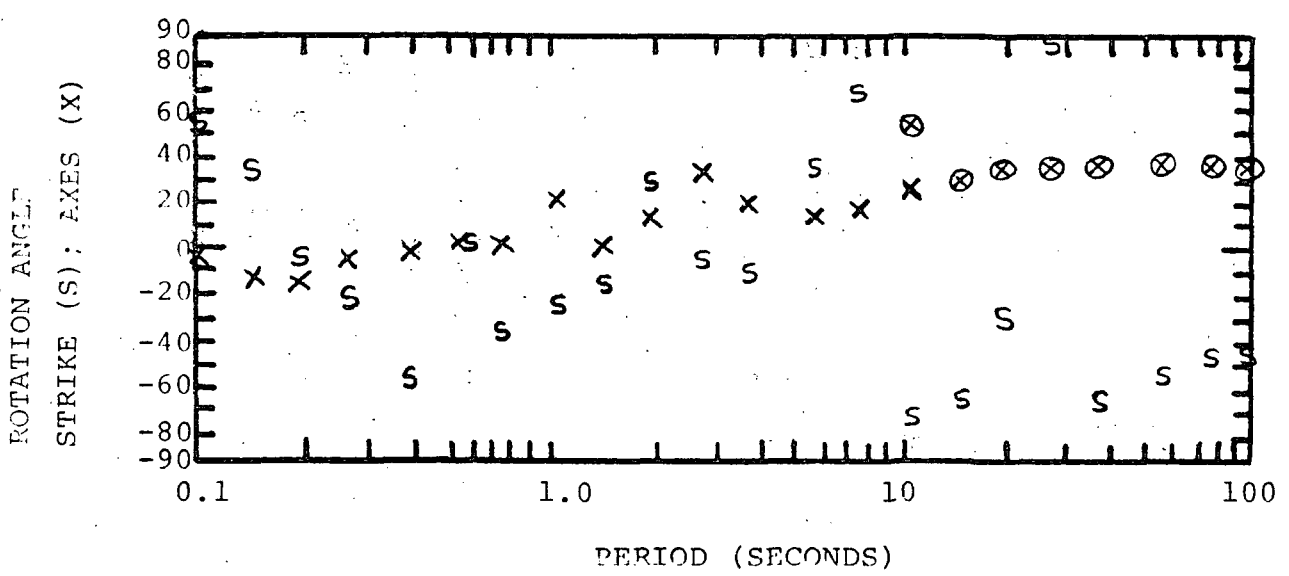
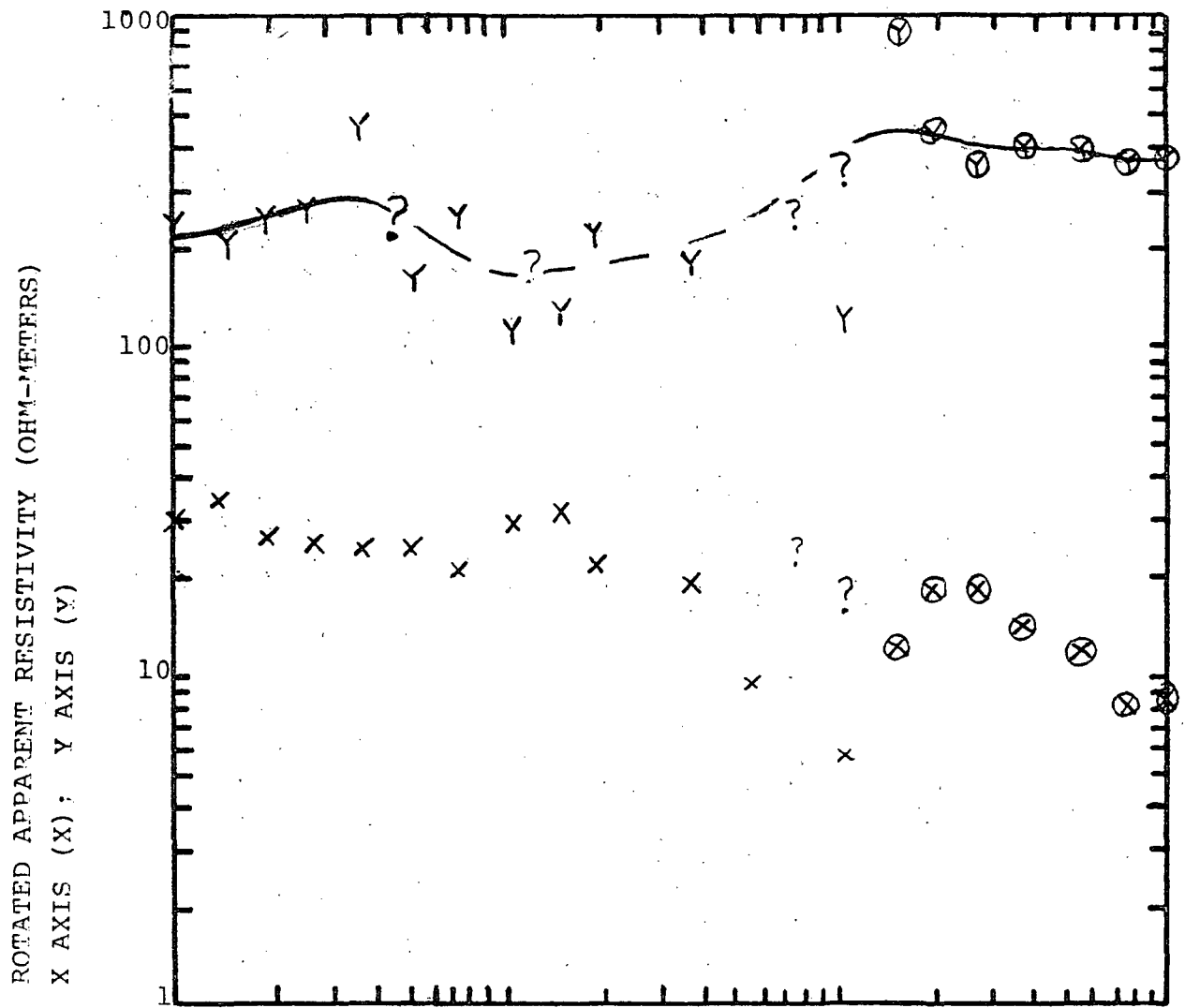


McCOY, NEVADA
STATION B1

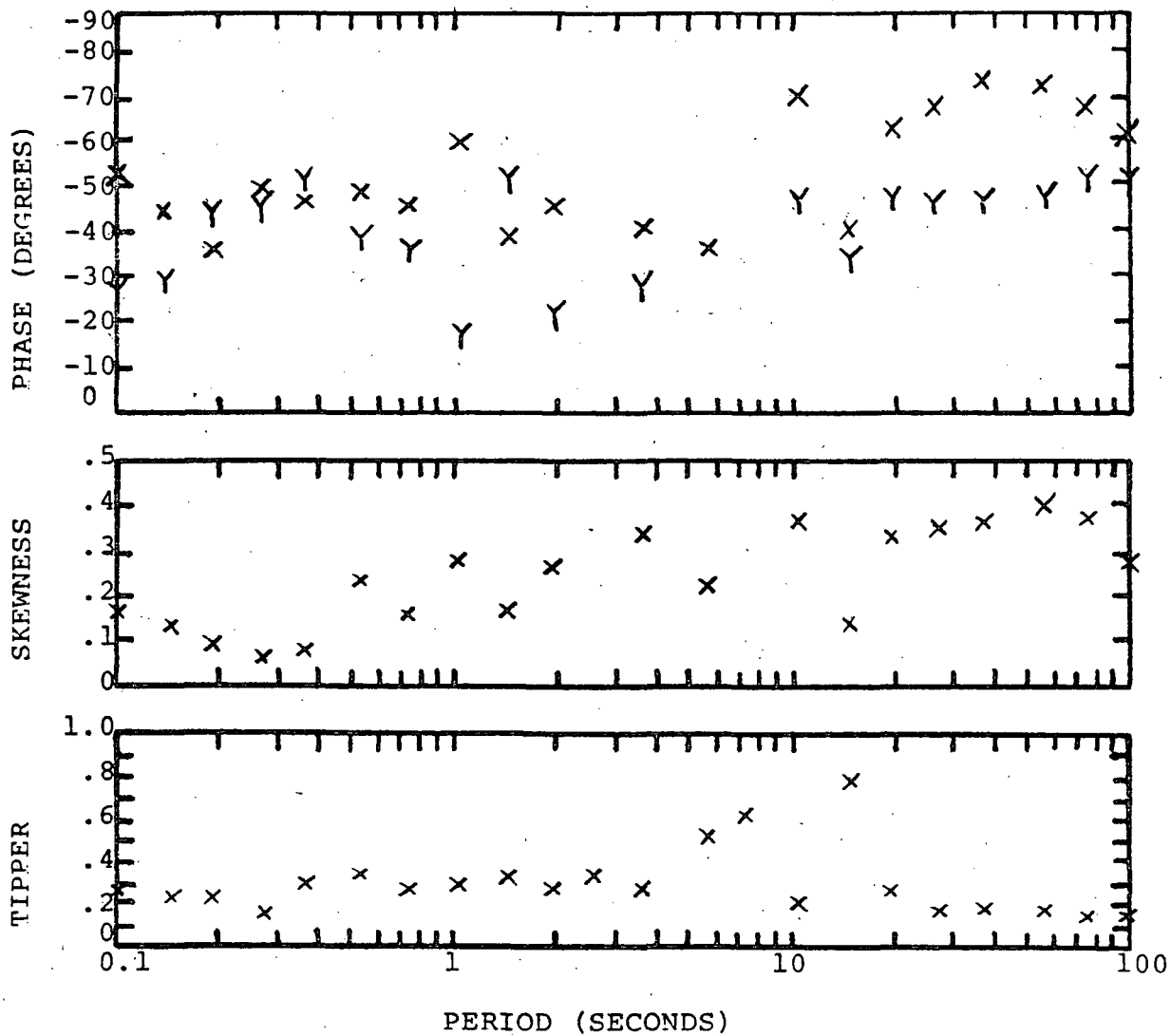


MCCOY, NEVADA

STATION M2



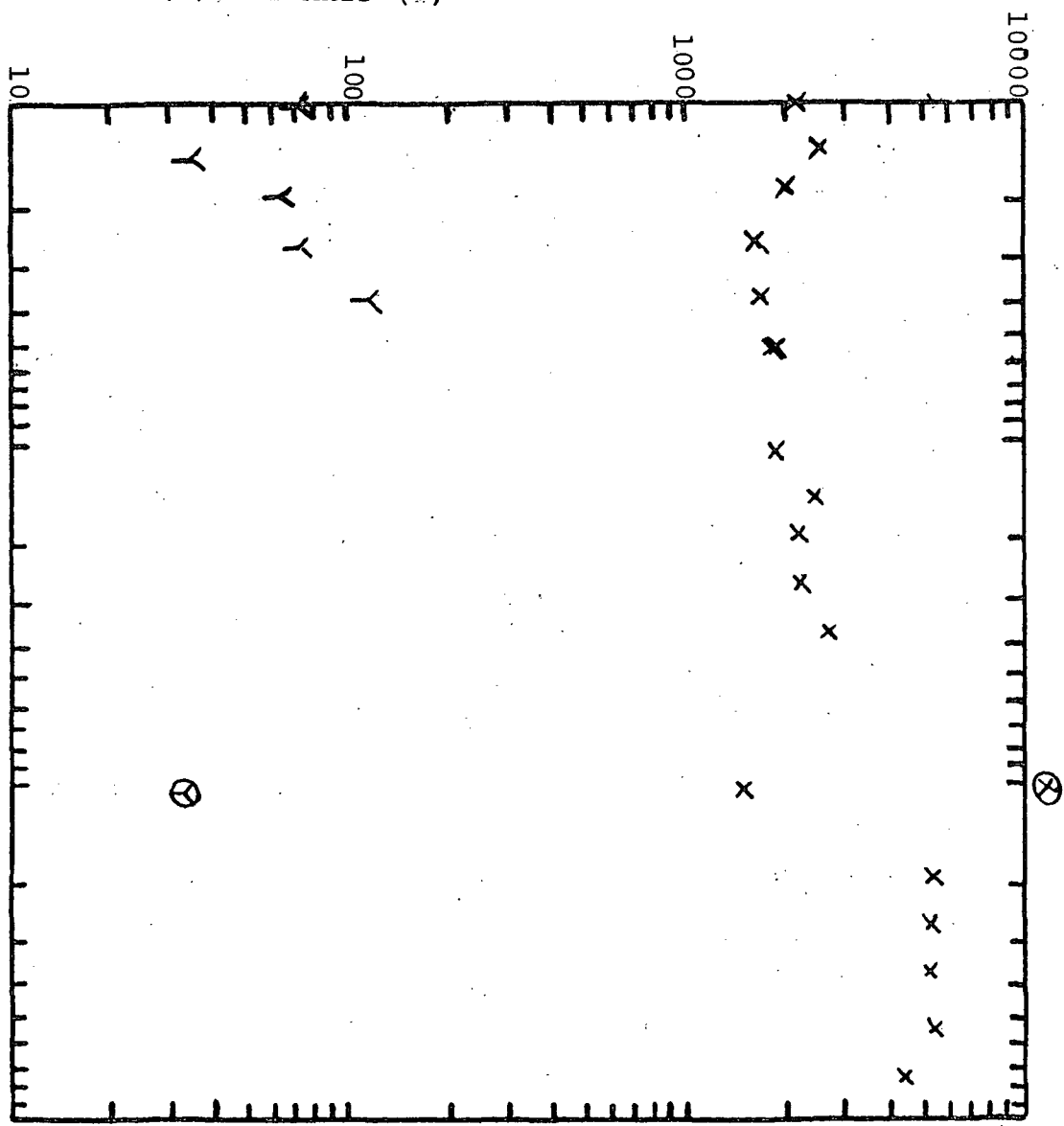
MCCOY, NEVADA

STATION A2

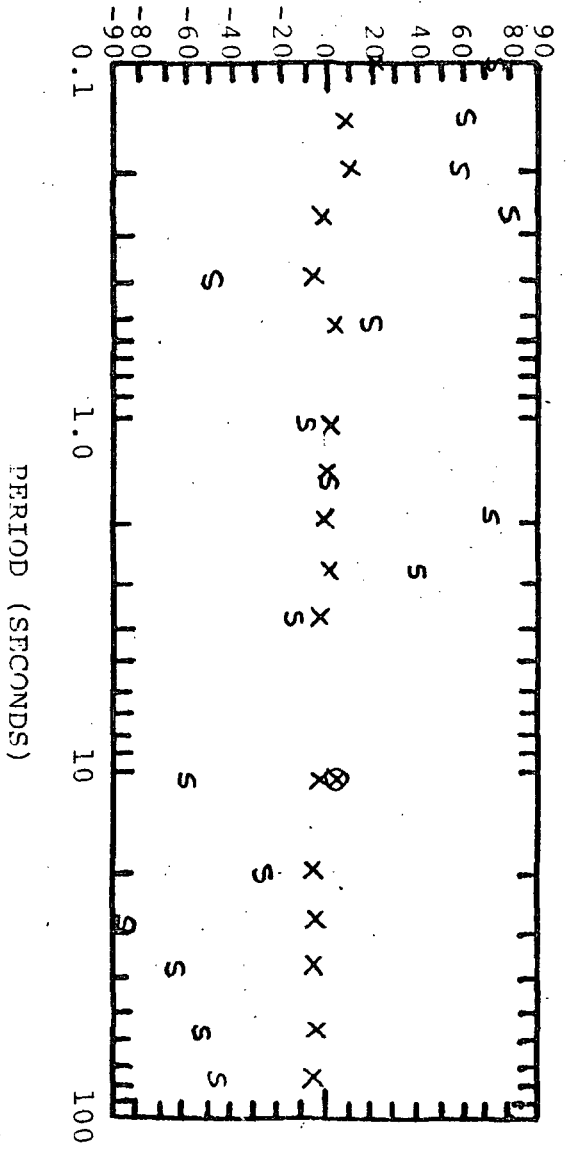
PROSPECT MCCOY, NEVADA
 STATION B2

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

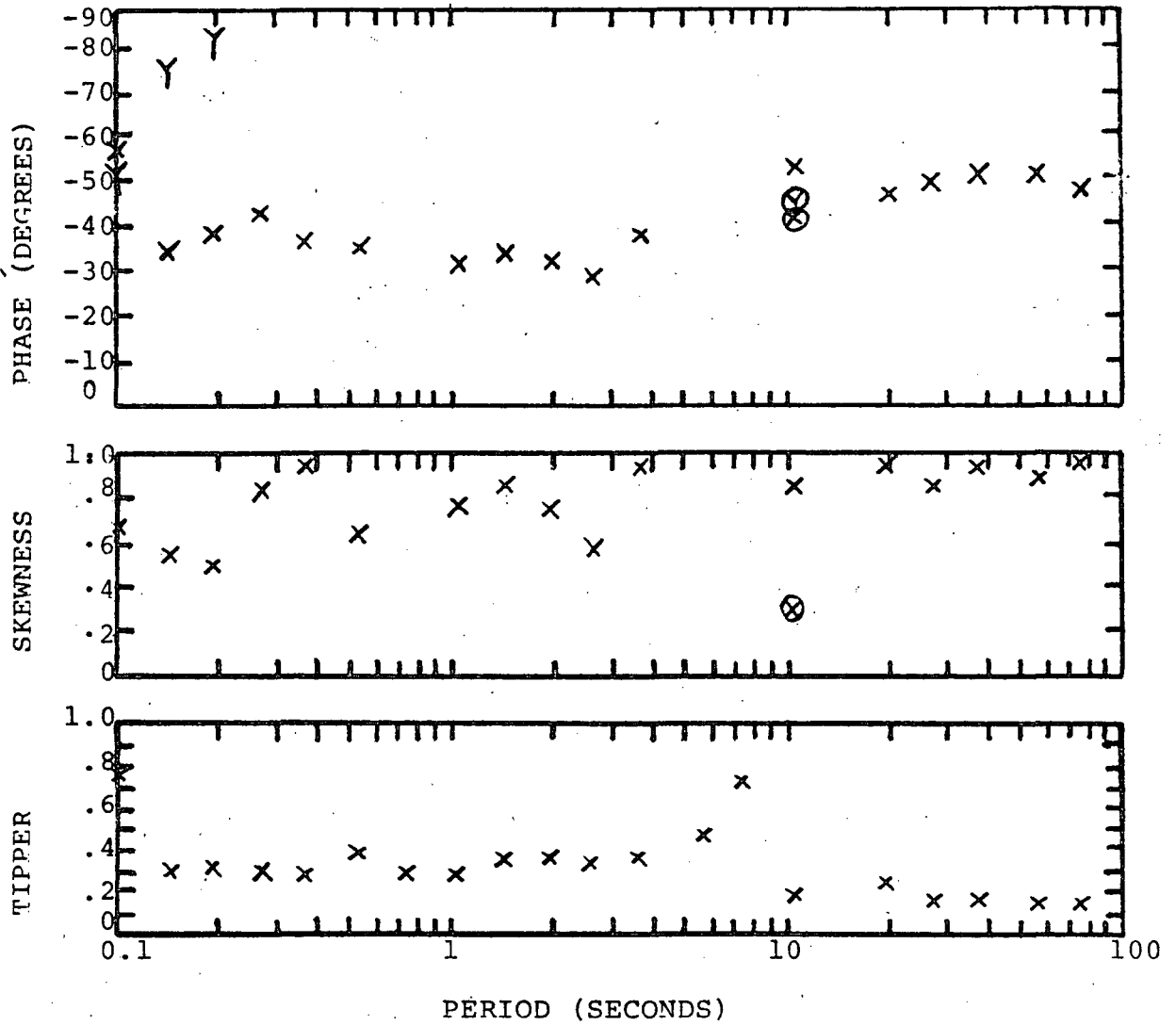


ROTATION ANGLE
 STRIKE (S); AXES (X)

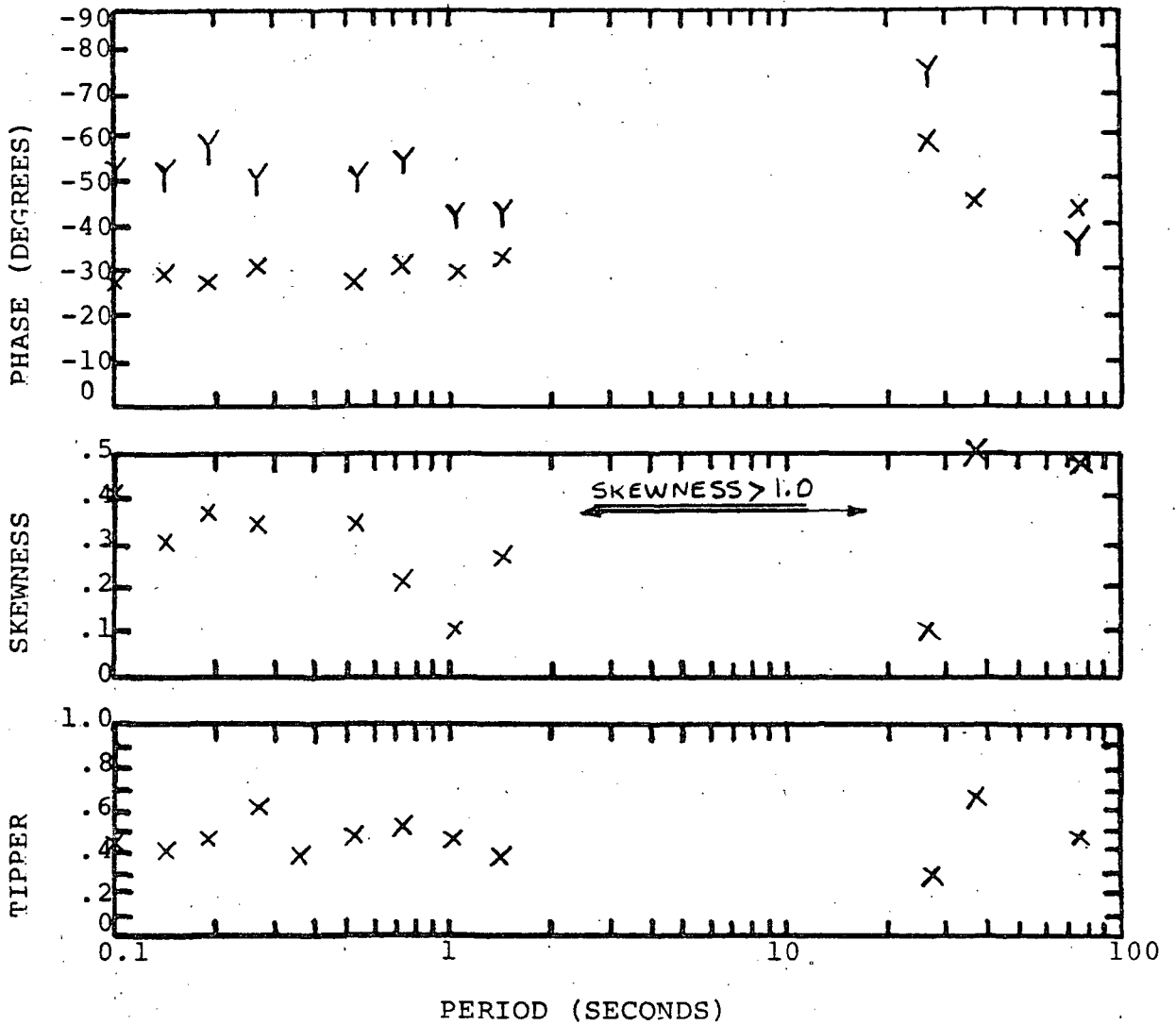


McCOY, NEVADA

STATION B2

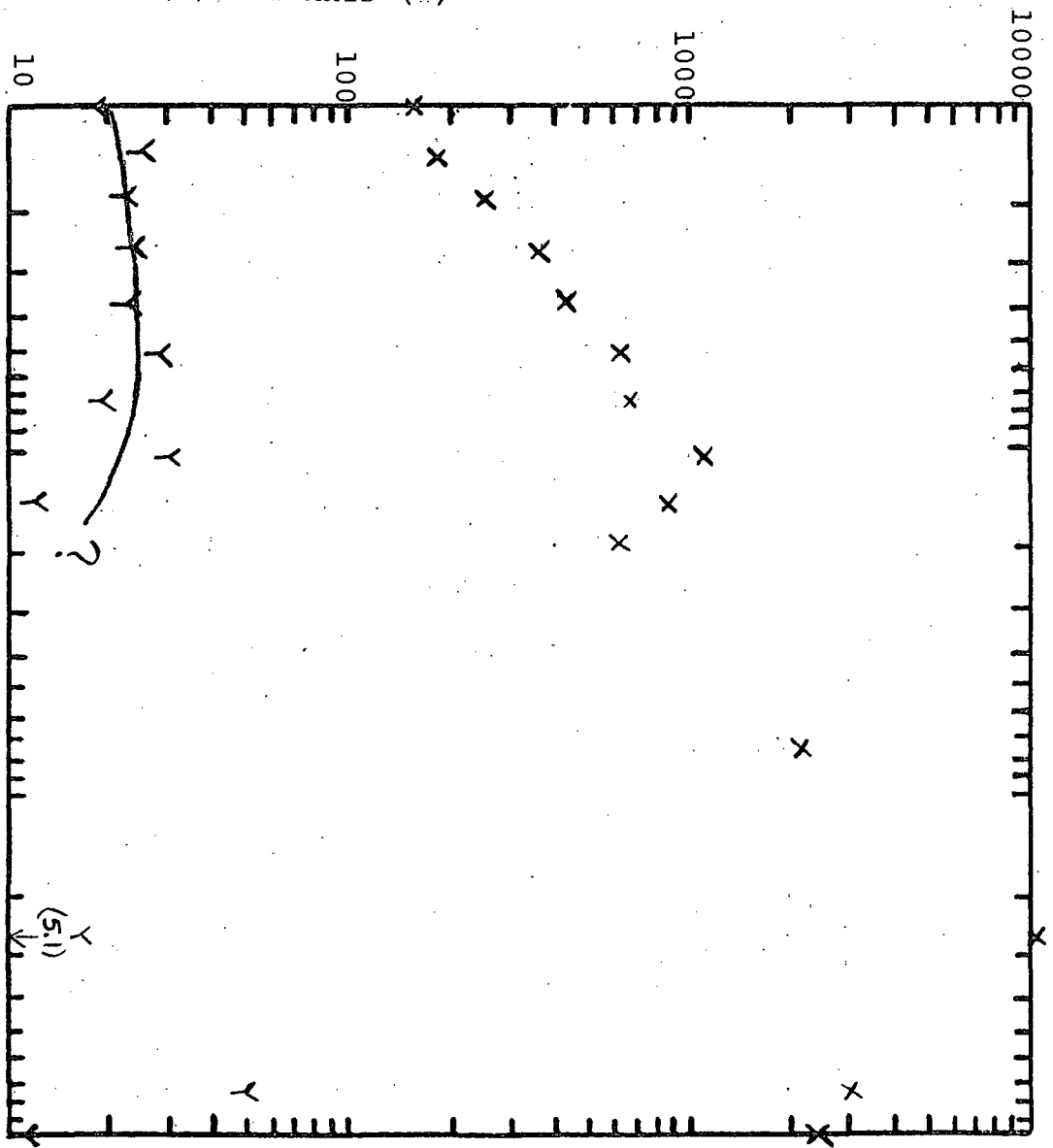


McCOY, NEVADA
 STATION M-3

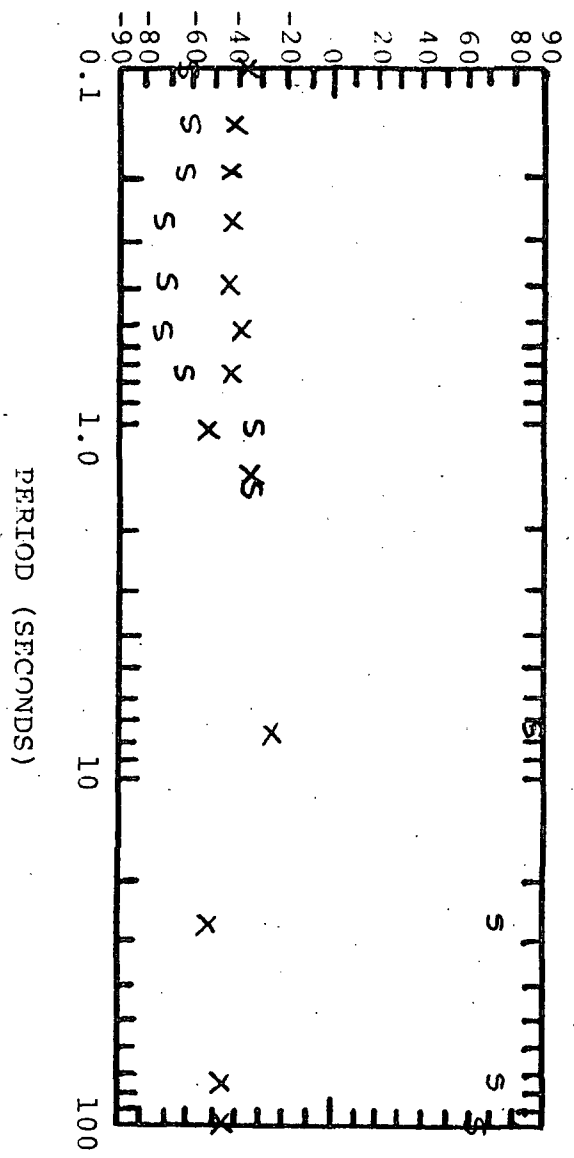


PROSPECT MCCOY, NEVADA
 STATION A3

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

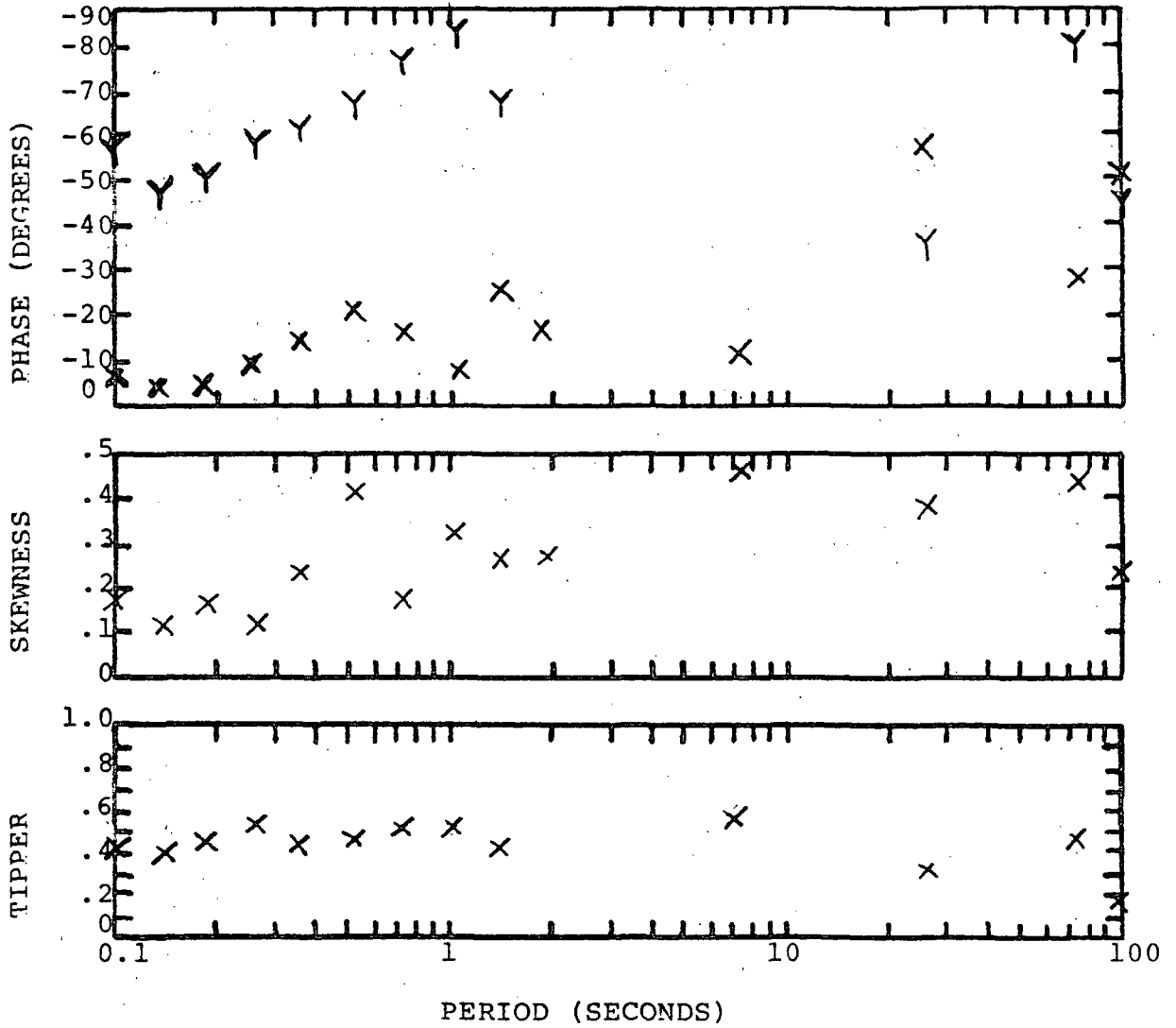


ROTATION ANGLE
 STRIKE (S); AXES (X)



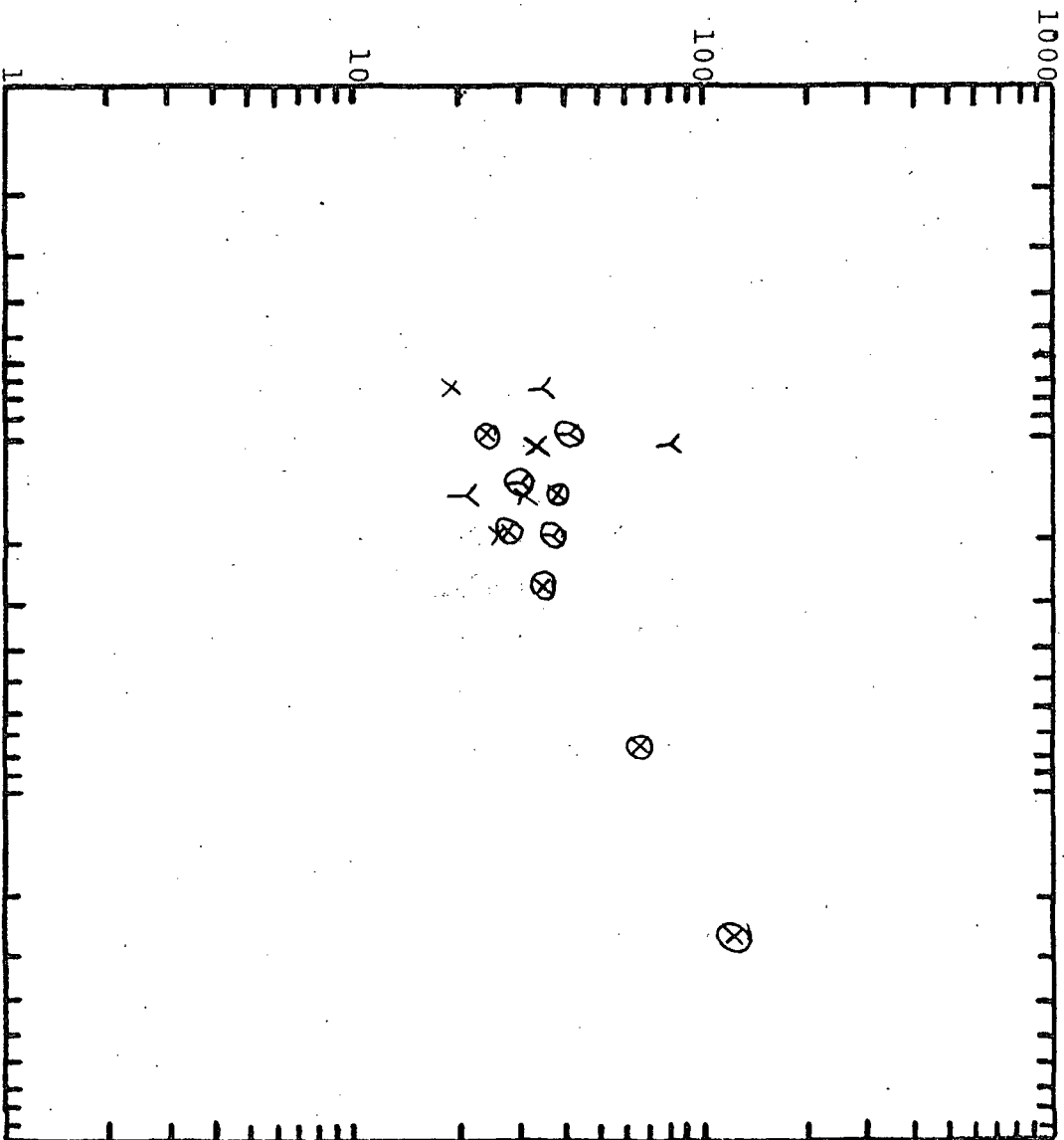
McCOY, NEVADA

STATION A3

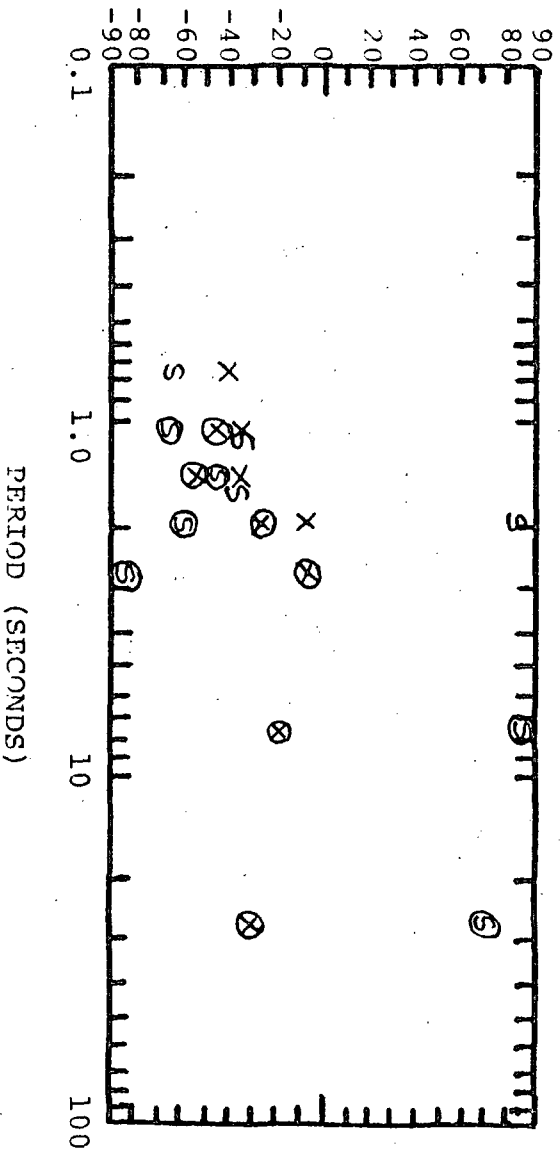


PROSPECT MCCOY, NEVADA
STATION B3

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

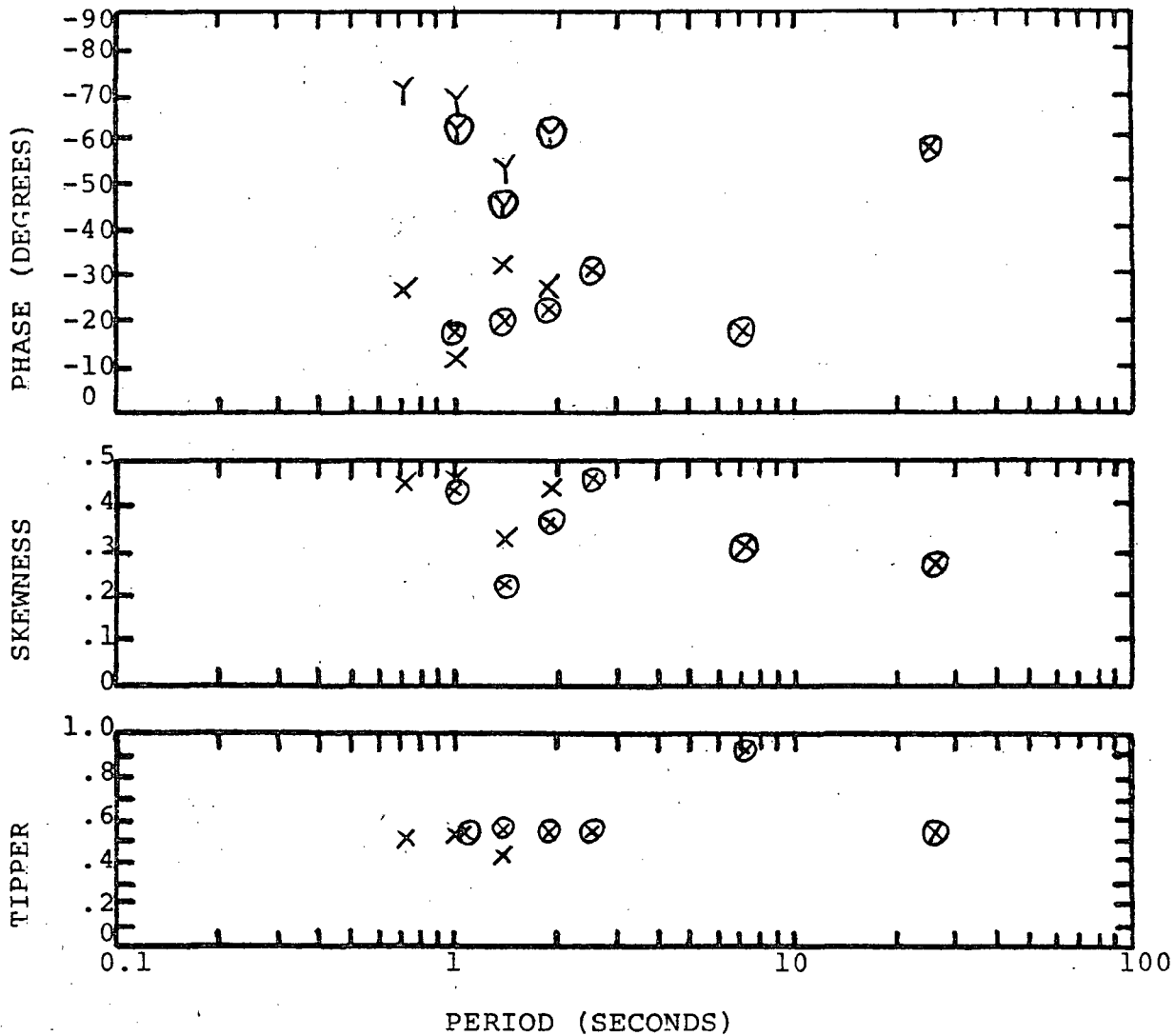


ROTATION ANGLE
STRIKE (S); AXES (X)



McCOY, NEVADA

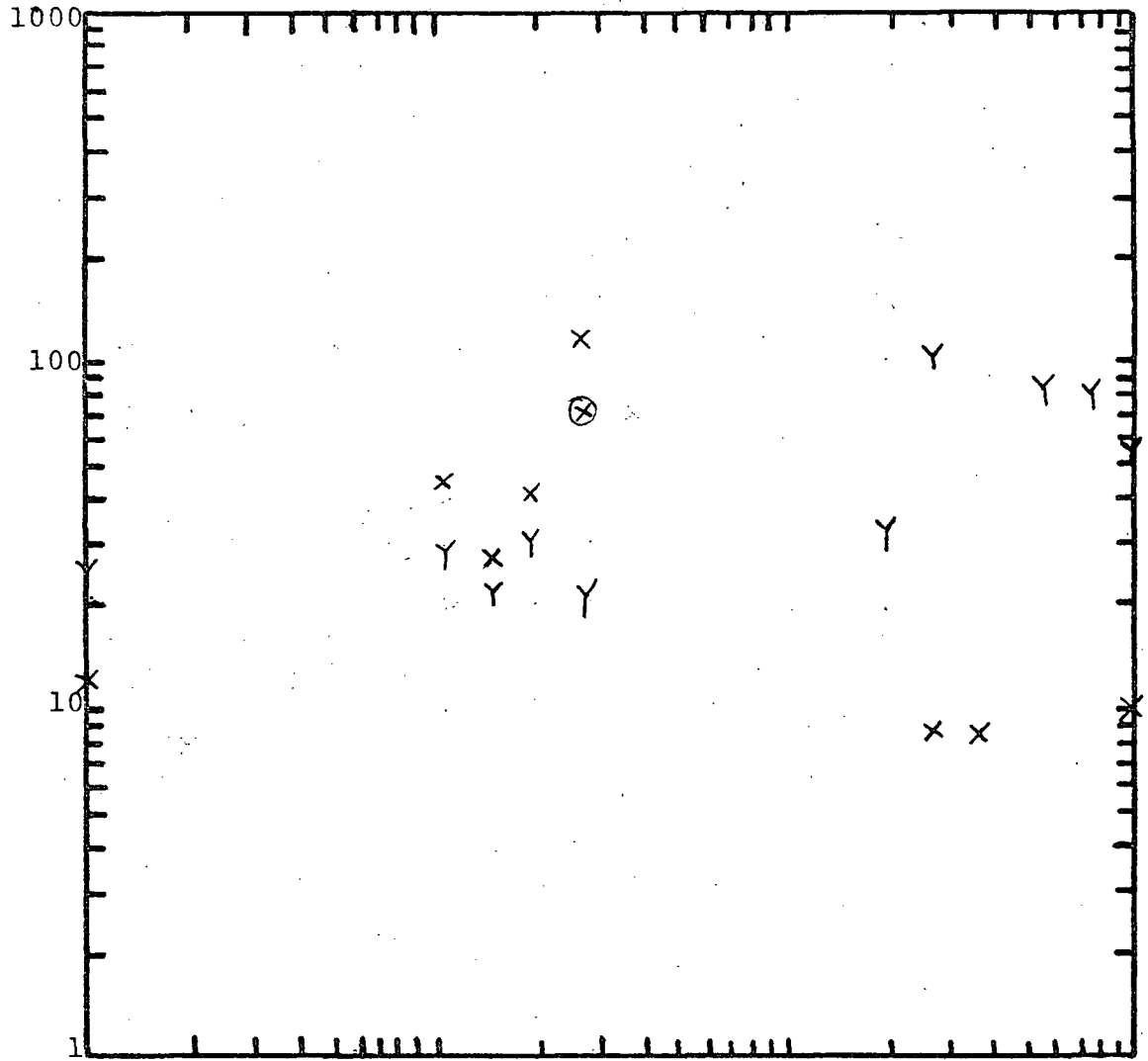
STATION B3



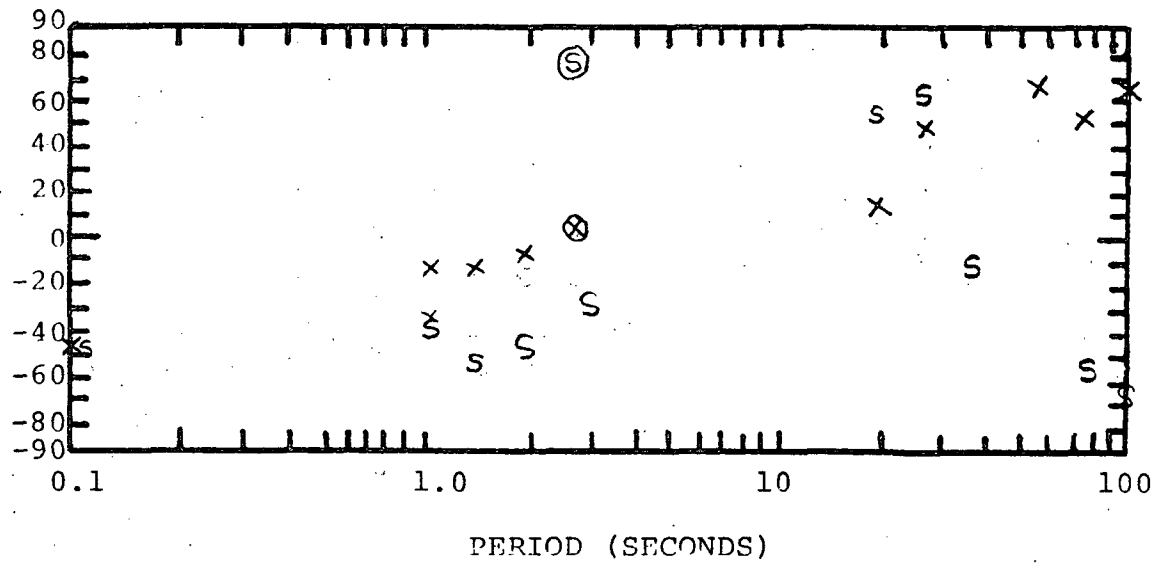
PROSPECT McCOY, NEVADA

STATION M4

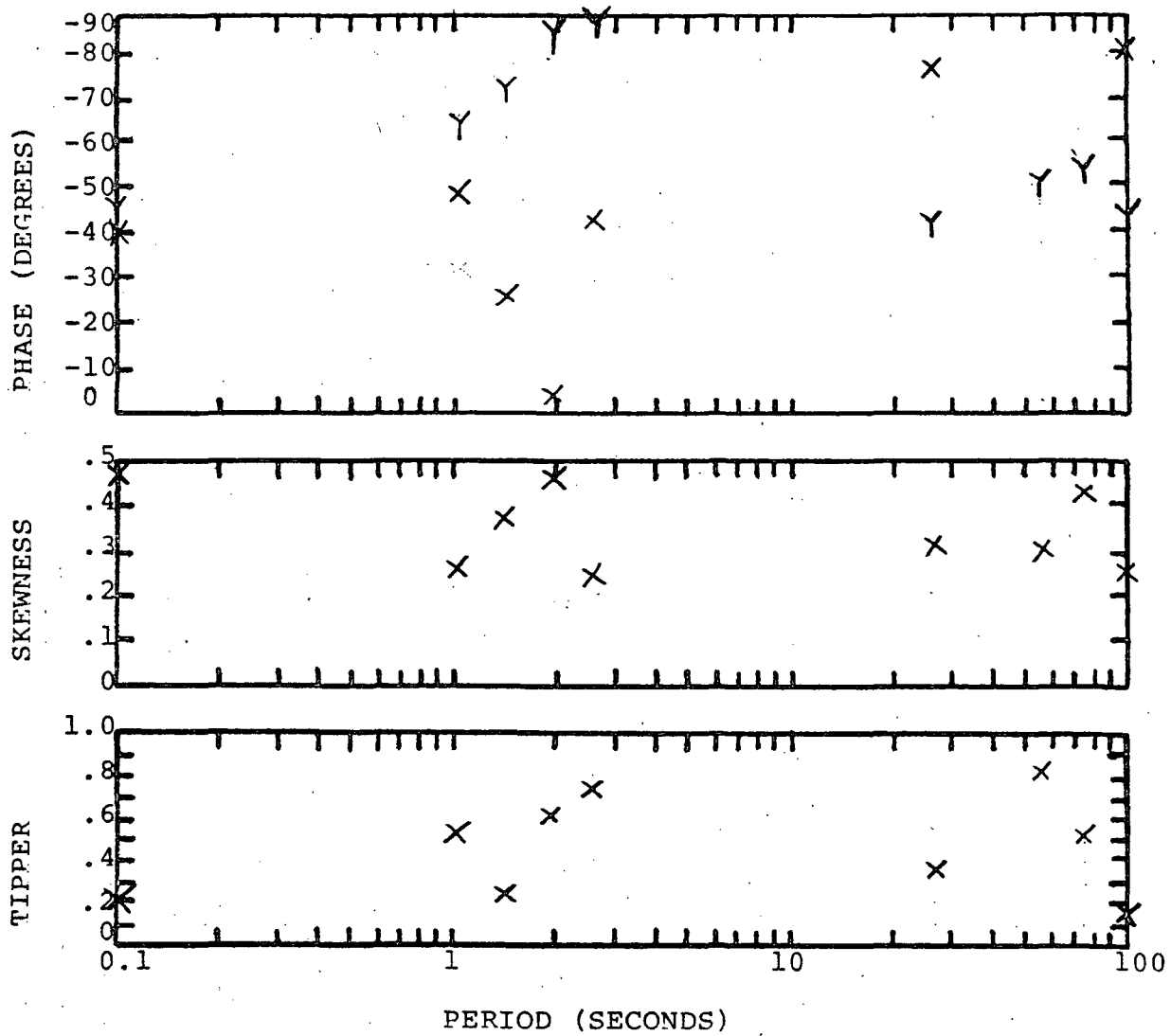
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



ROTATION ANGLE
STRIKE (S); AXES (X)

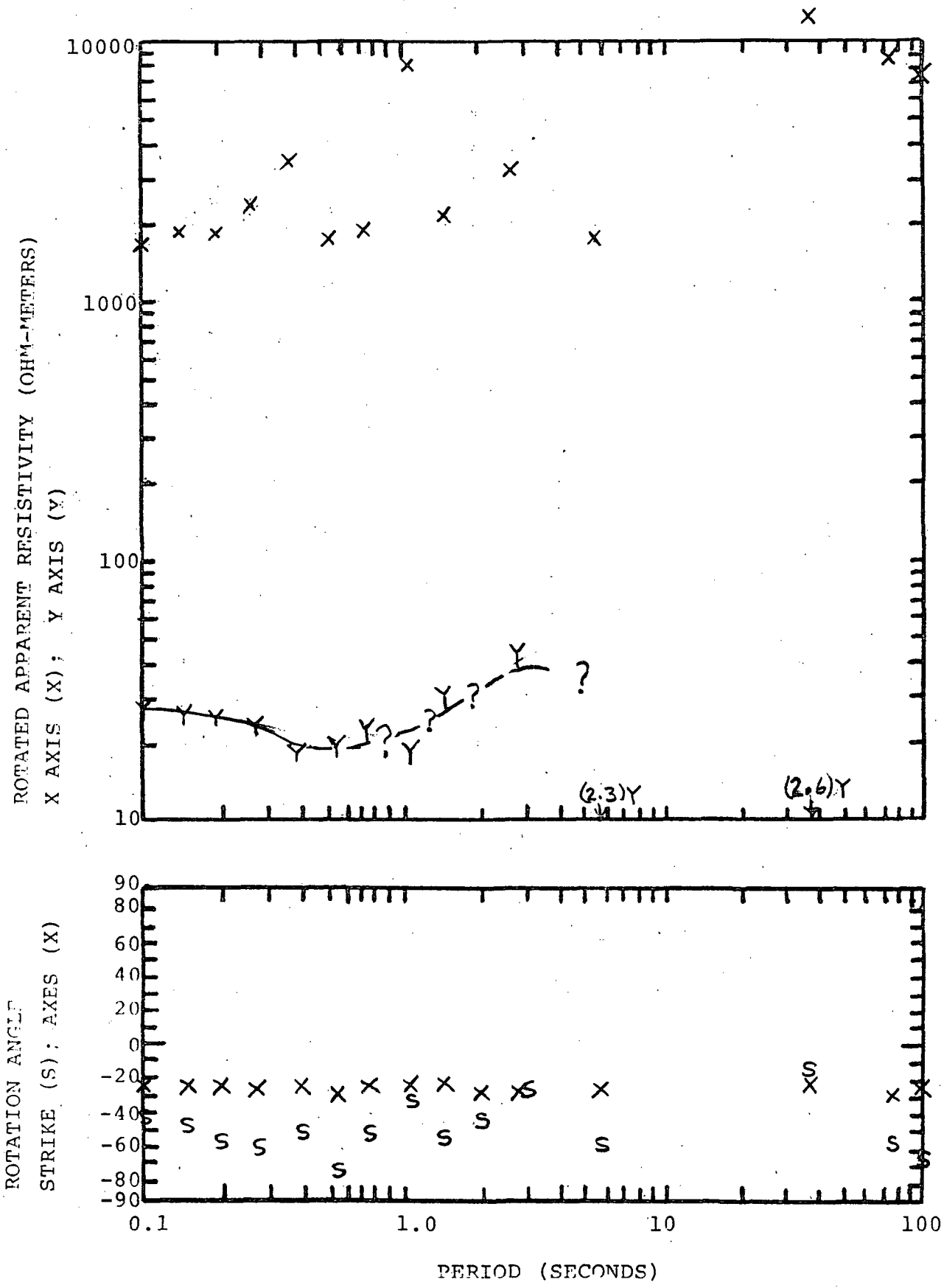


McCOY, NEVADA

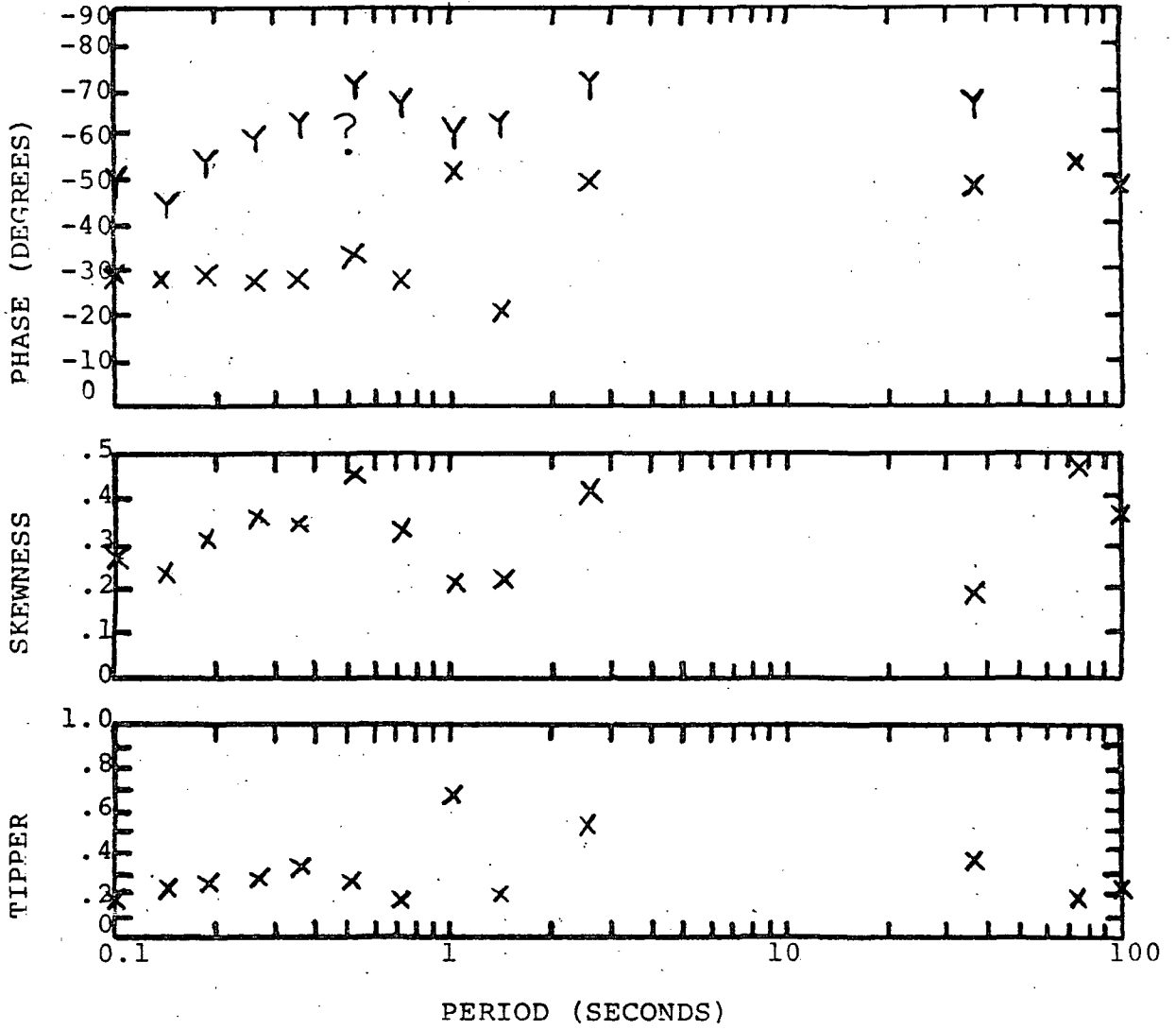
STATION M4

PROSPECT McCOY, NEVADA

STATION A4



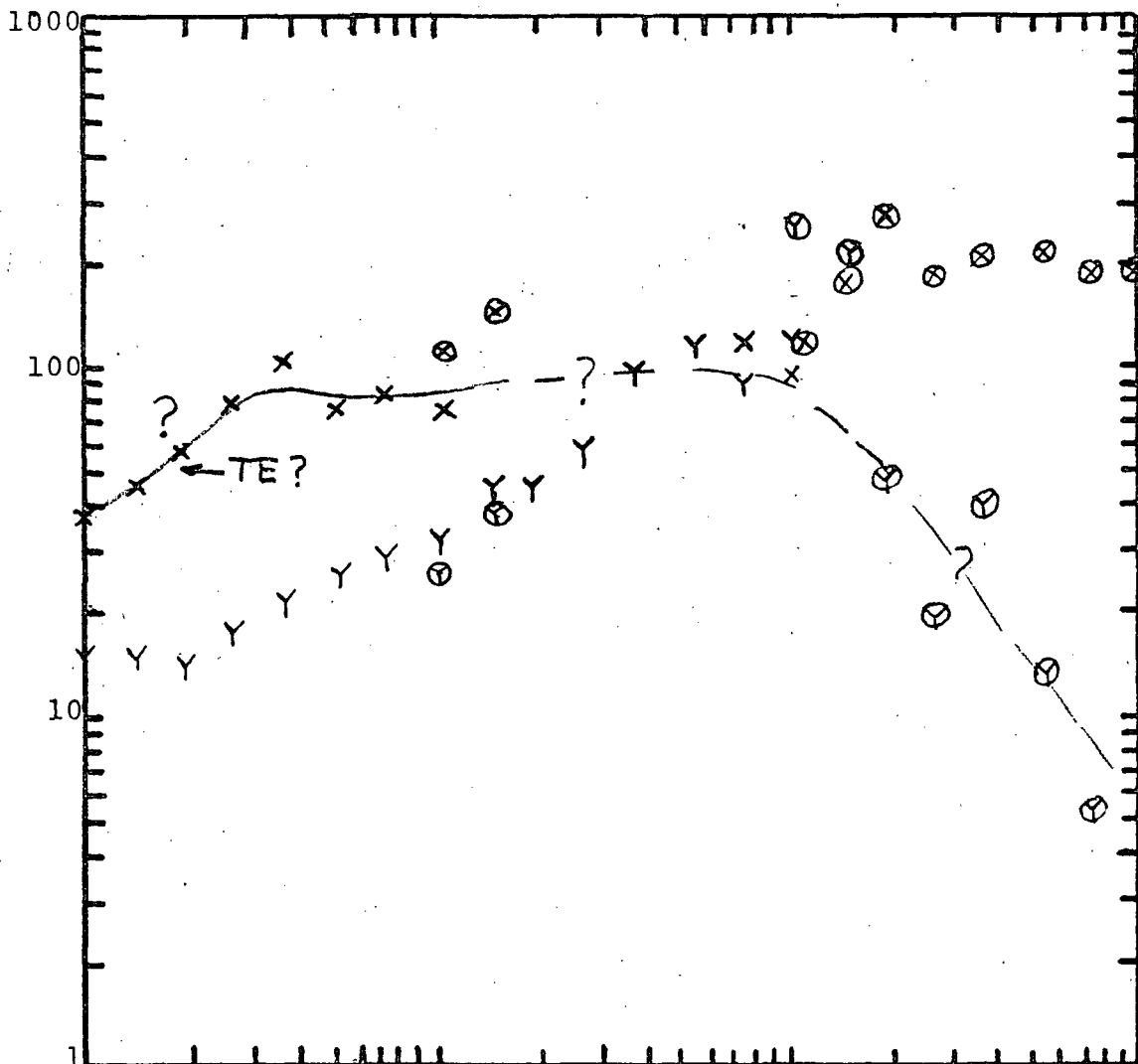
McCOY, NEVADA
STATION A4



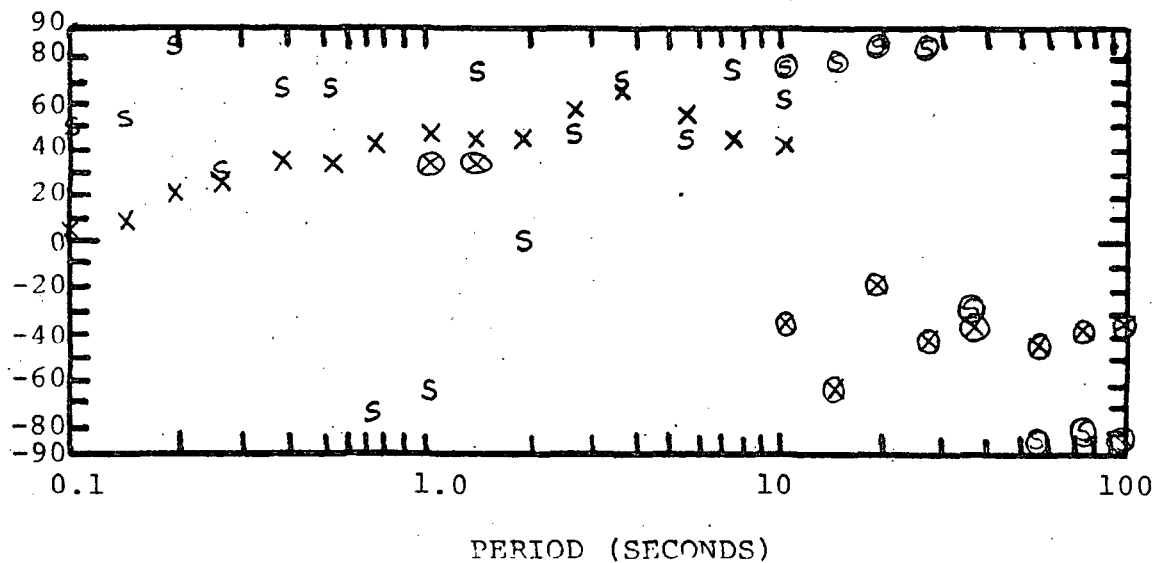
PROSPECT McCOY, NEVADA

STATION M5

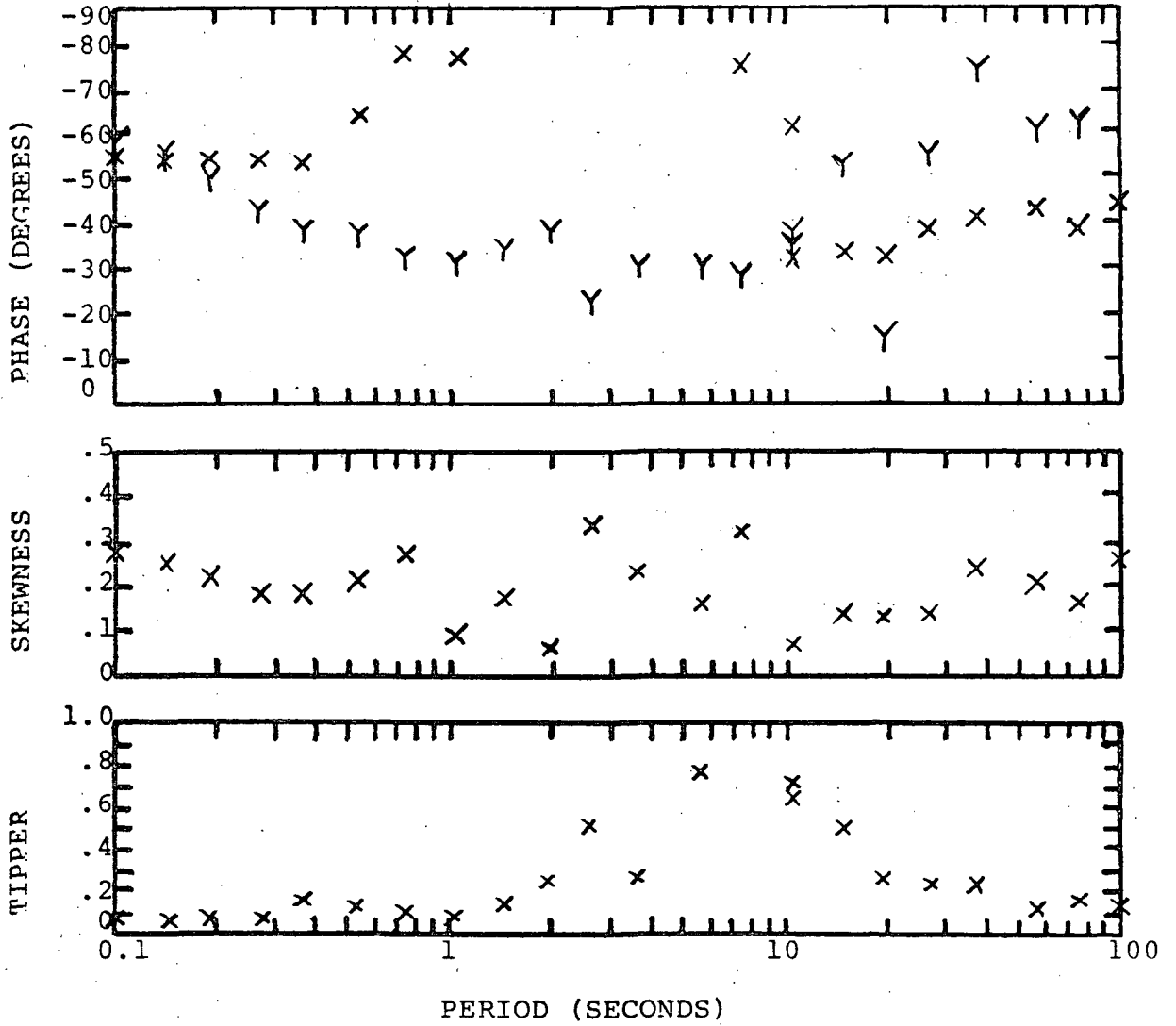
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



ROTATION ANGLE
STRIKE (S); AXES (X)



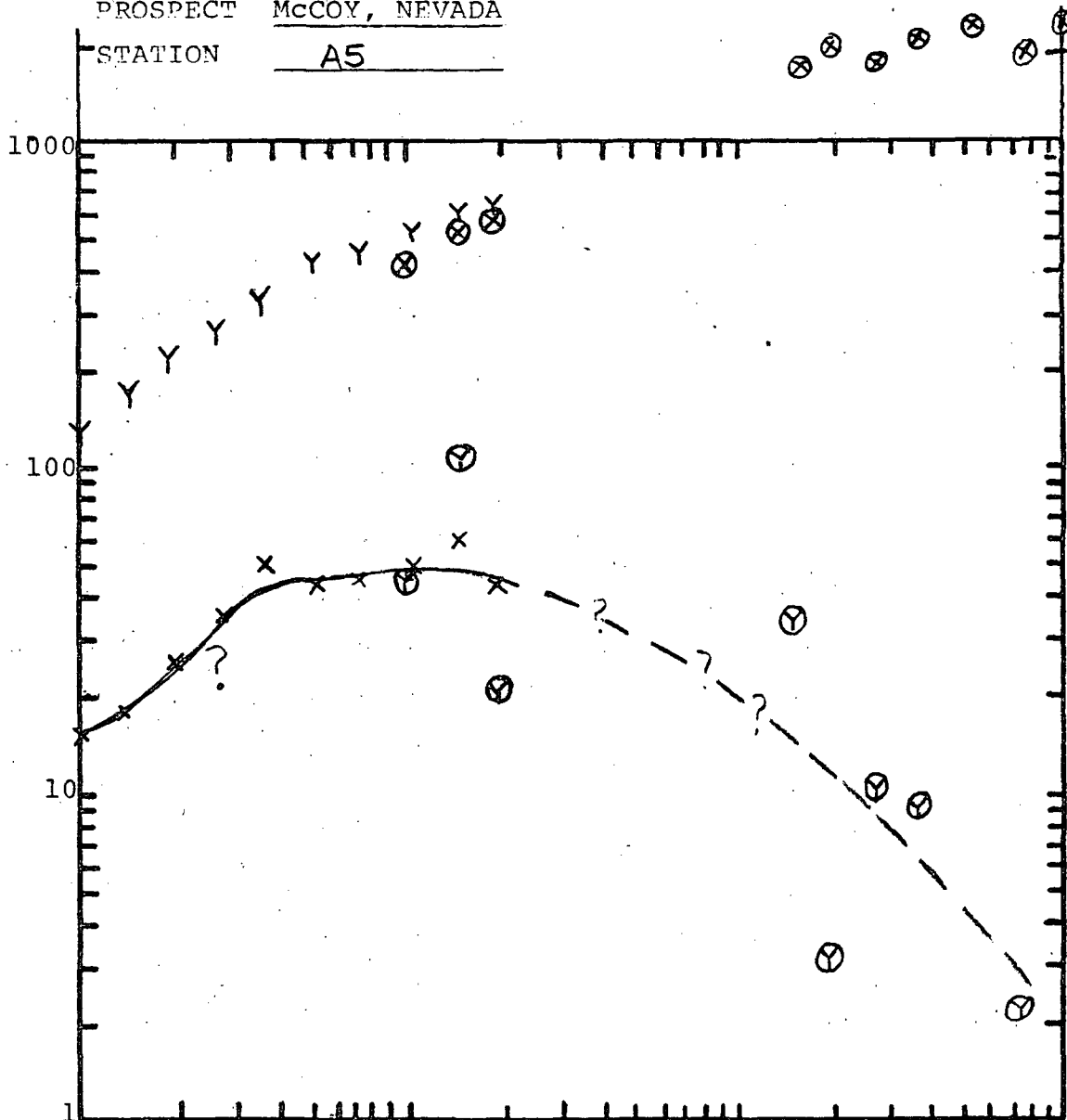
McCOY, NEVADA
STATION M5



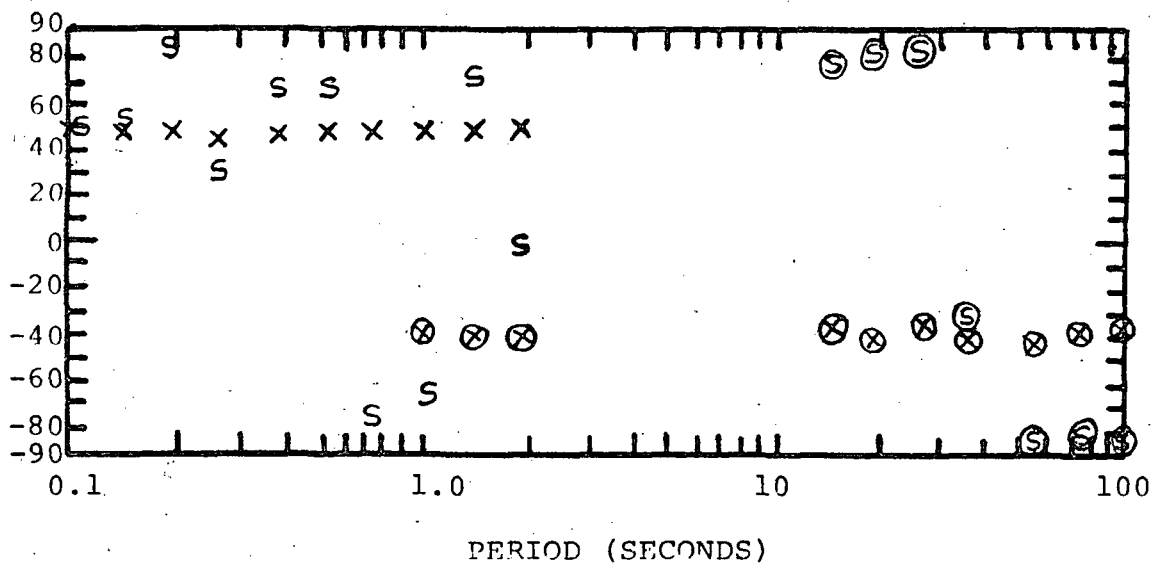
PROSPECT McCOY, NEVADA

STATION A5

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

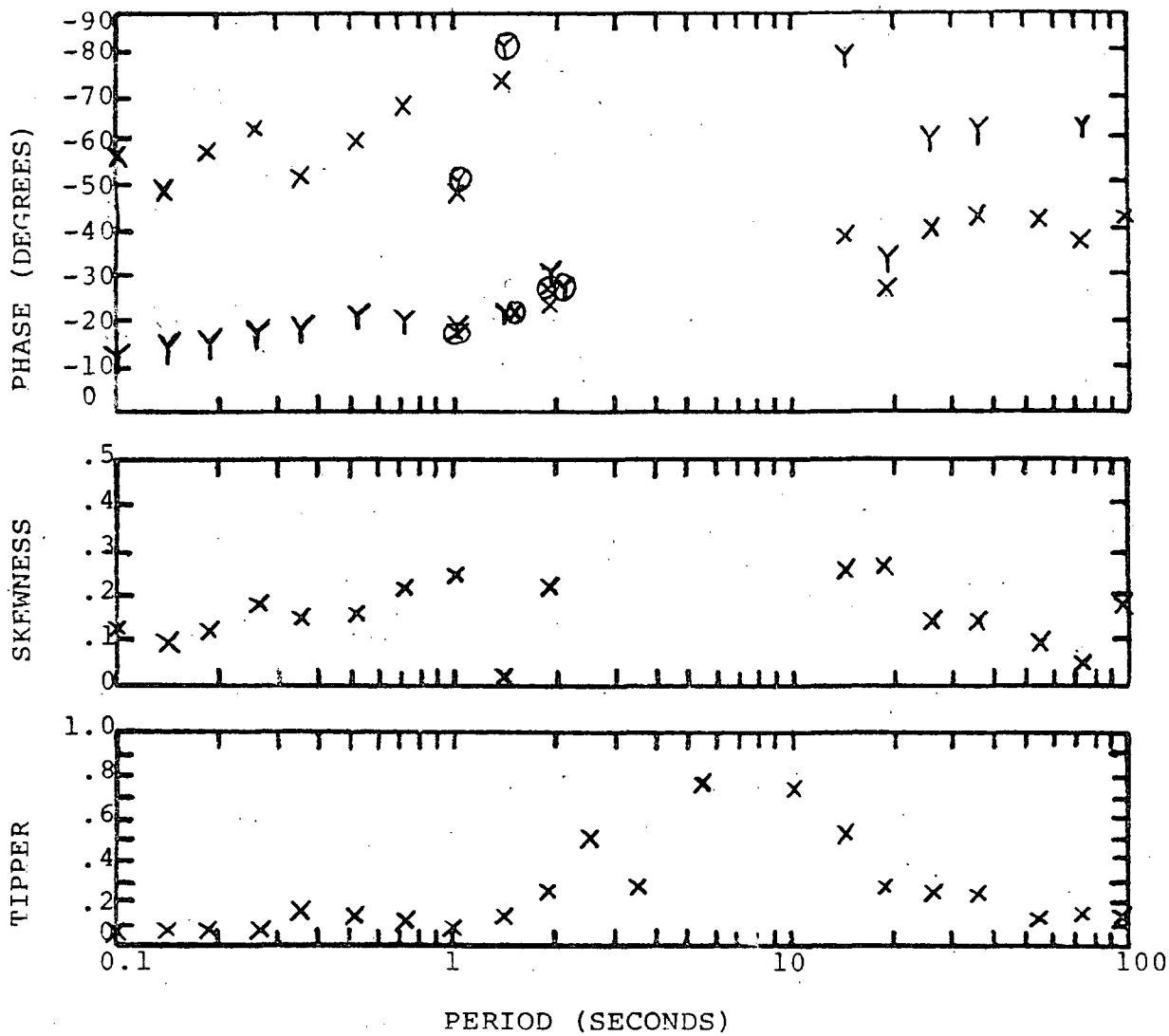


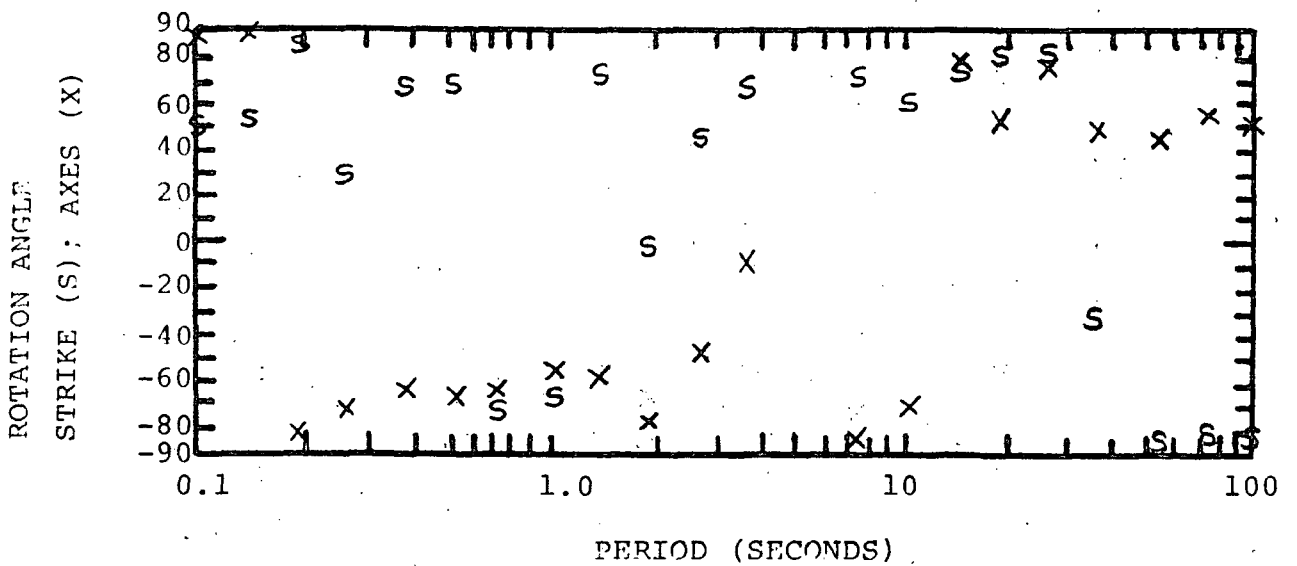
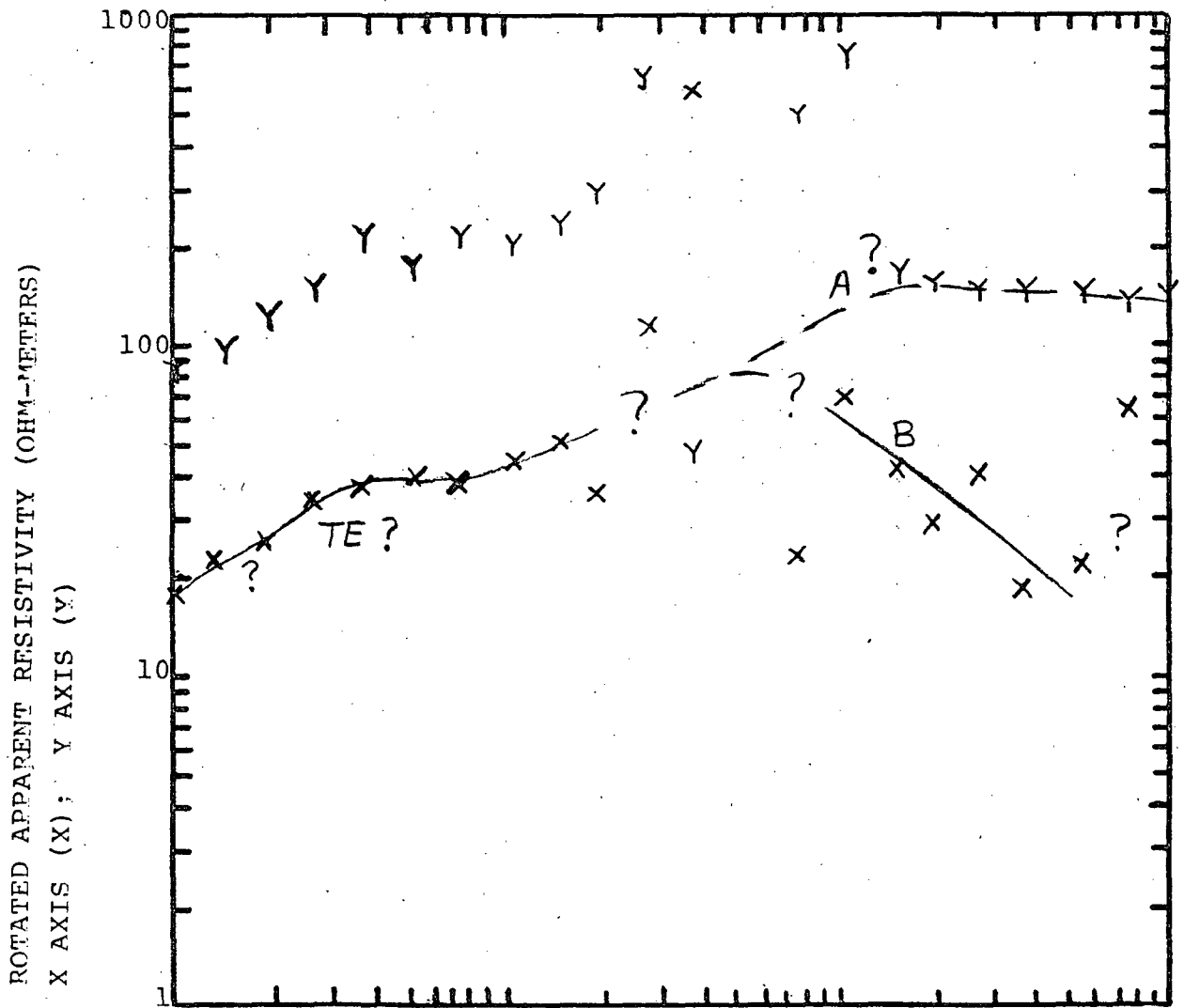
ROTATION ANGLE
STRIKE (S); AXES (X)



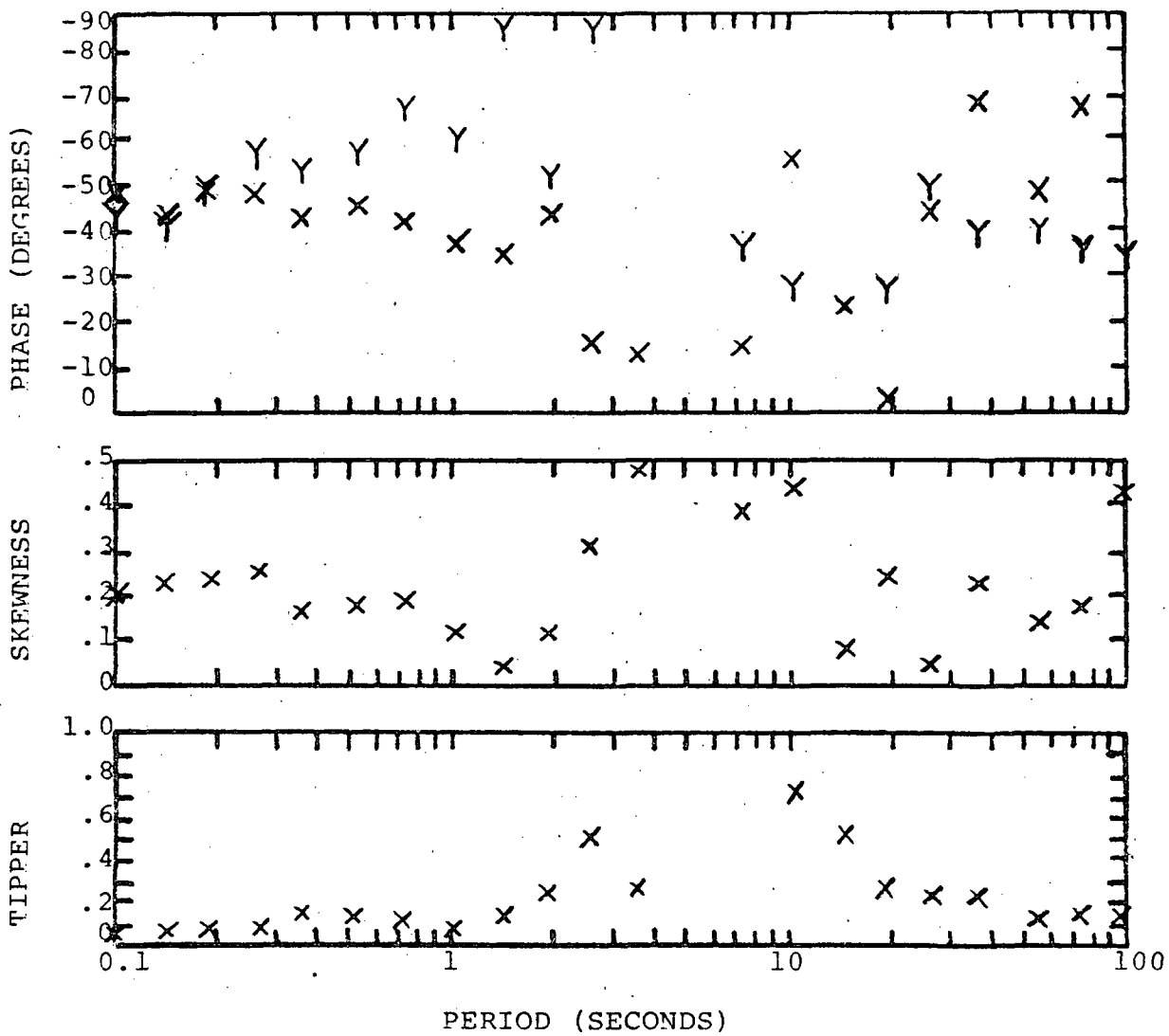
McCOY, NEVADA

STATION A5



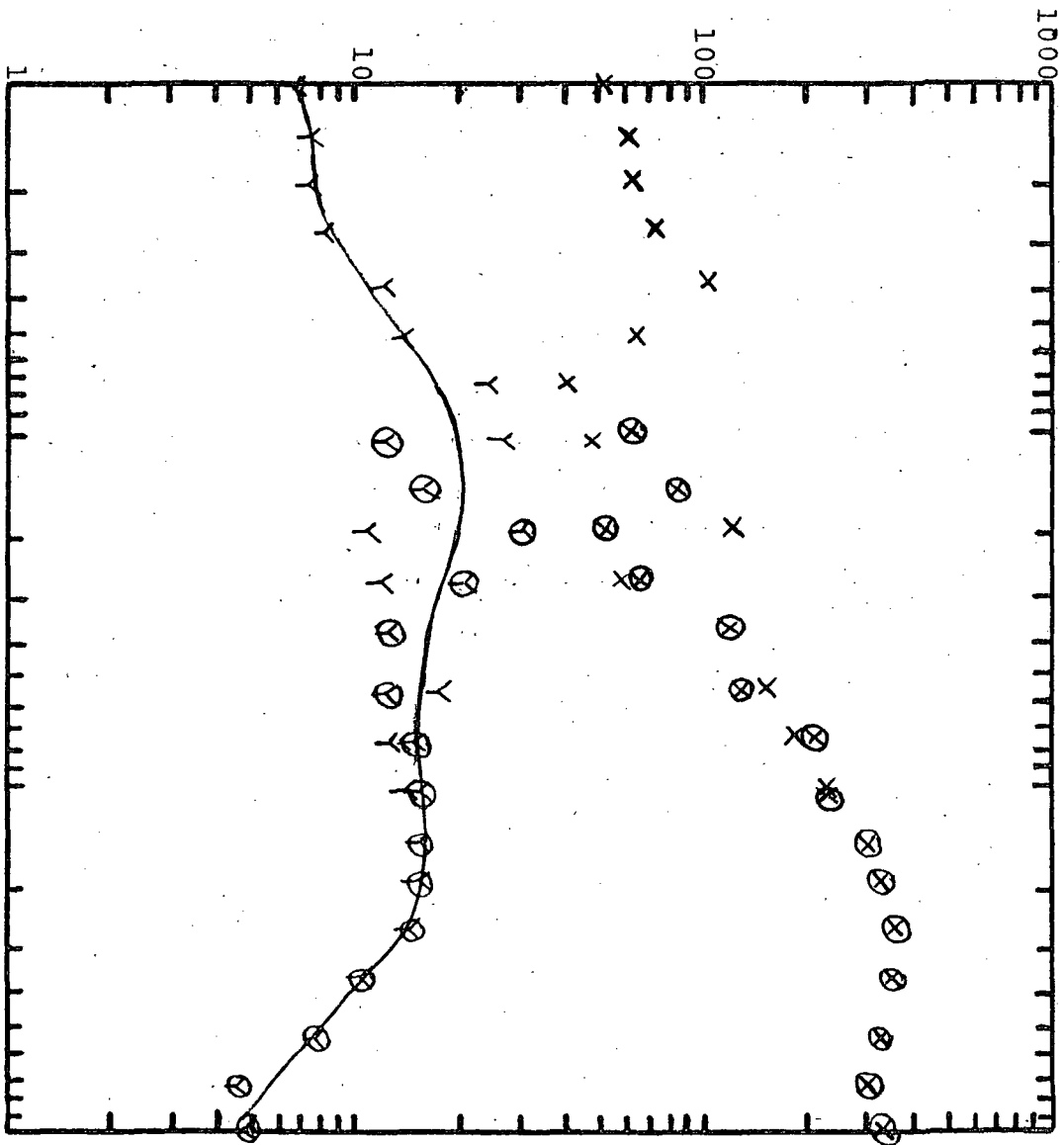


McCOY, NEVADA

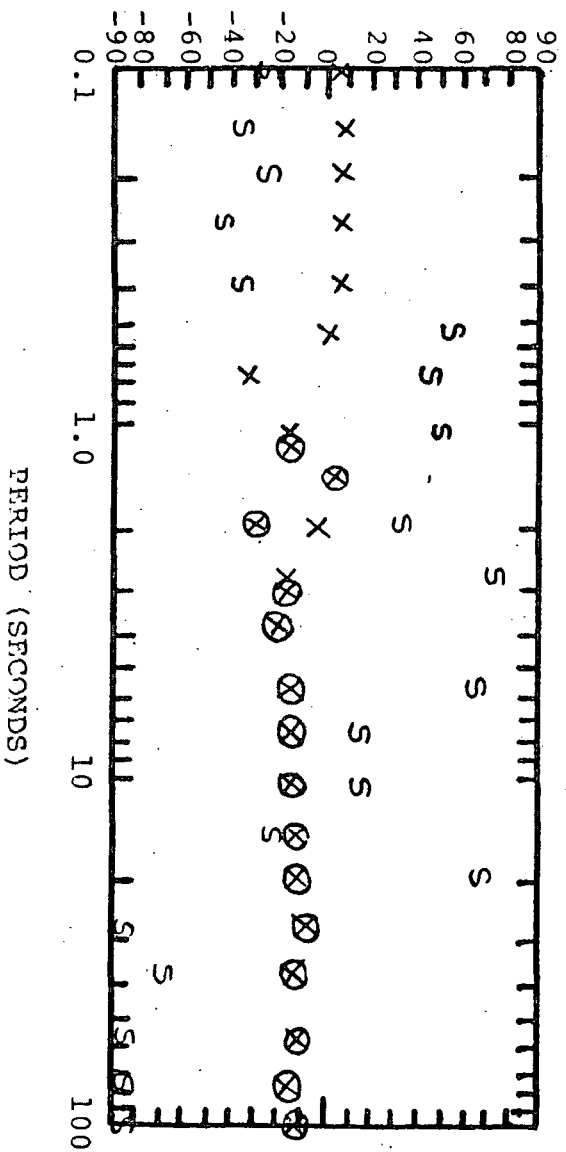
STATION B5

PROSPECT MCCOY, NEVADA
STATION M6

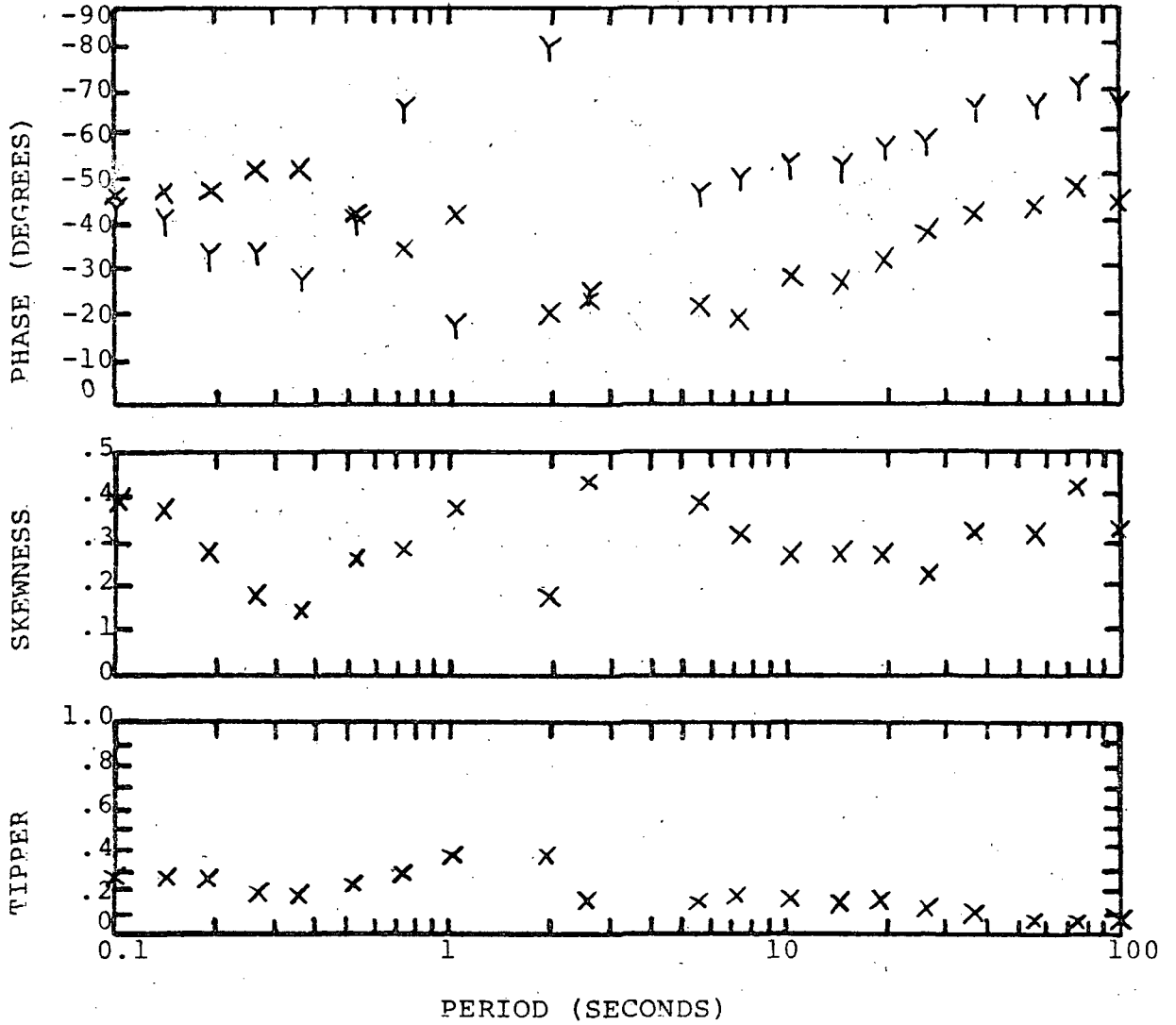
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



ROTATION ANGLE
STRIKE (S); AXES (X)

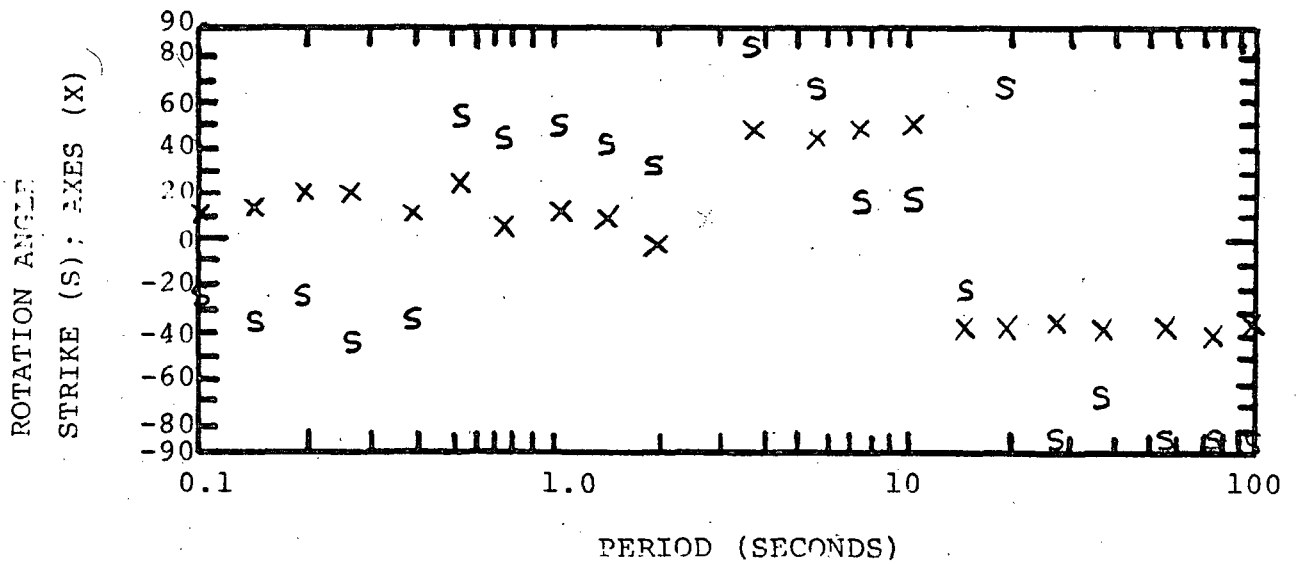
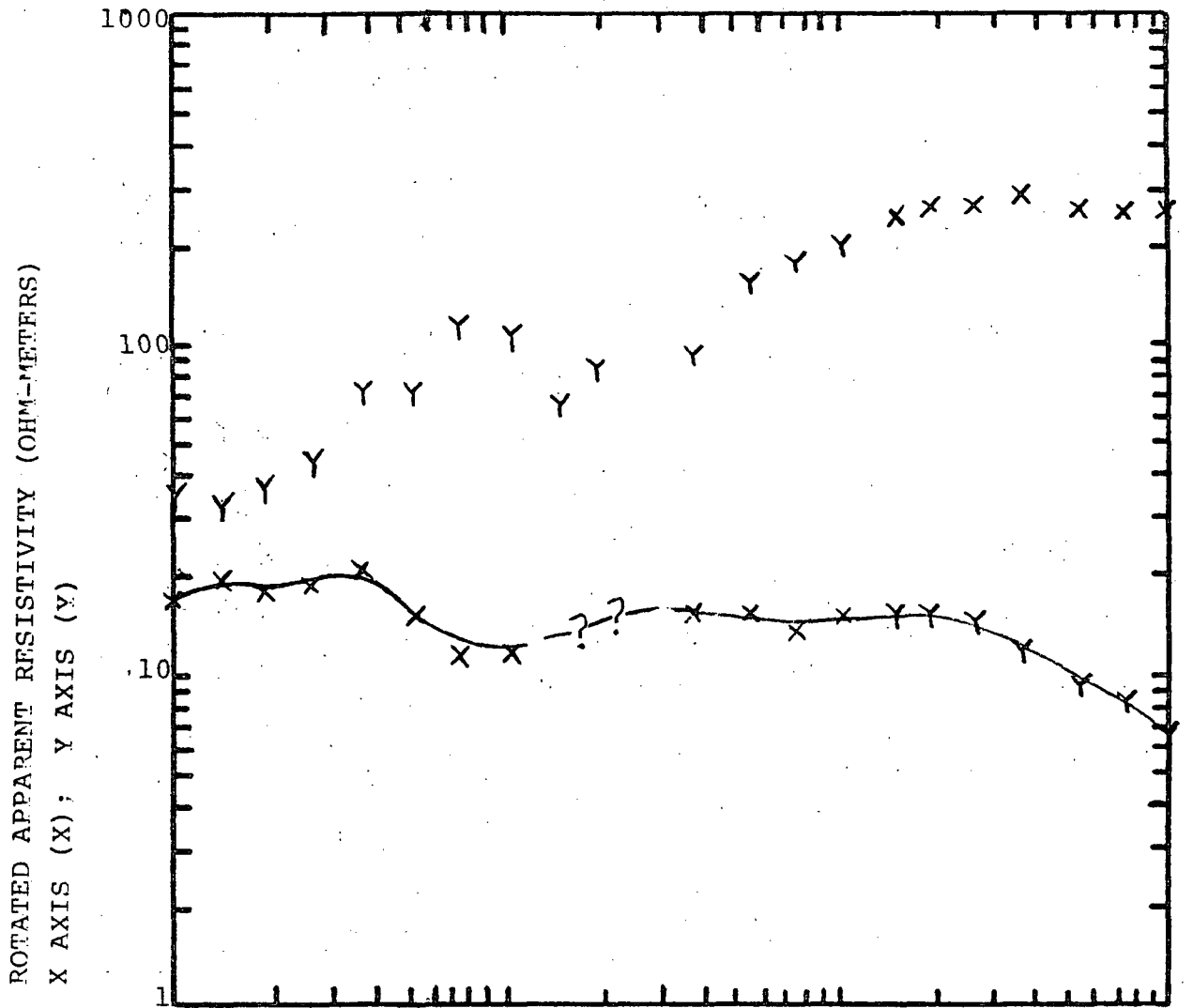


MCCOY, NEVADA
STATION M6

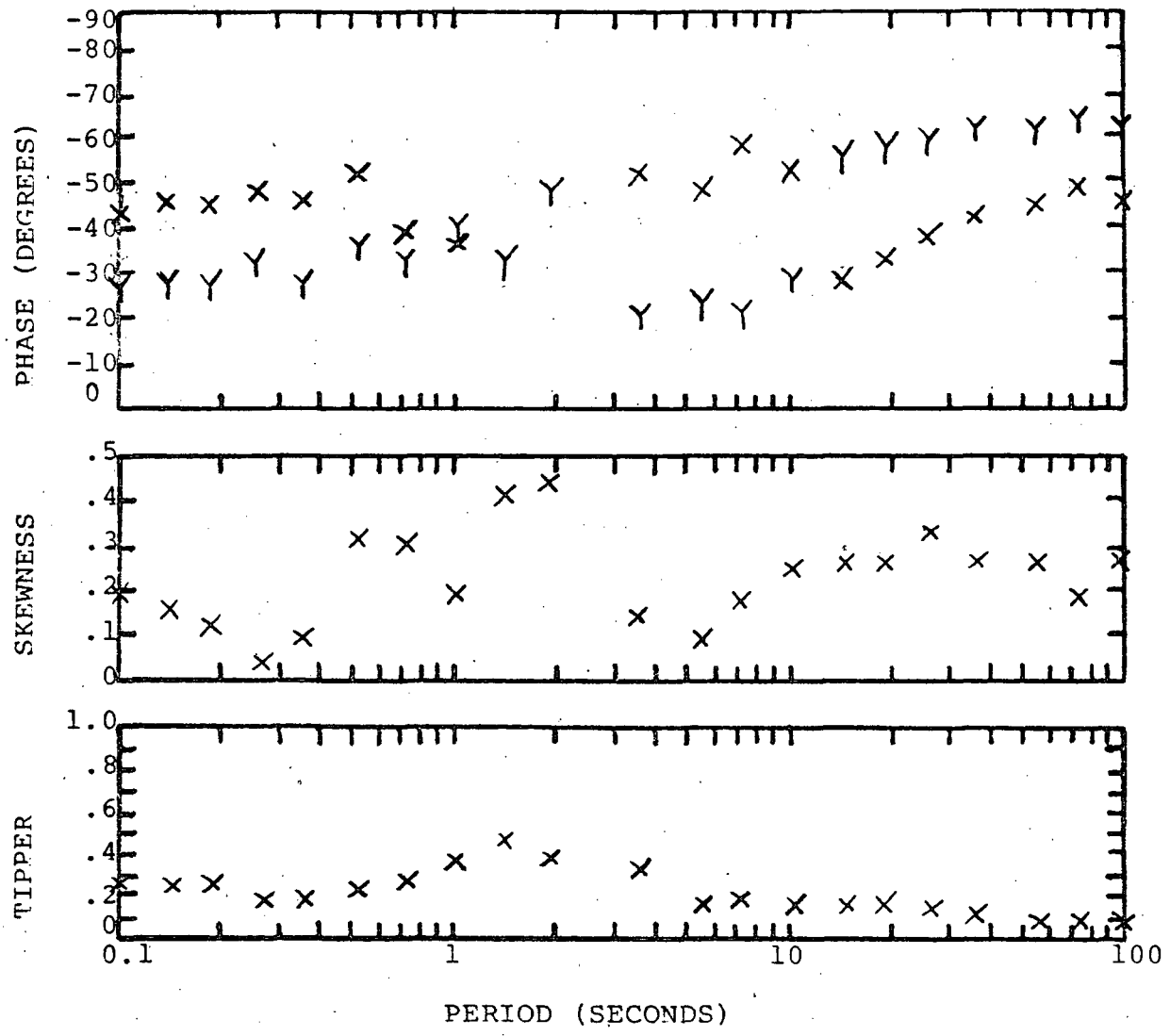


PROSPECT McCOY, NEVADA

STATION A6

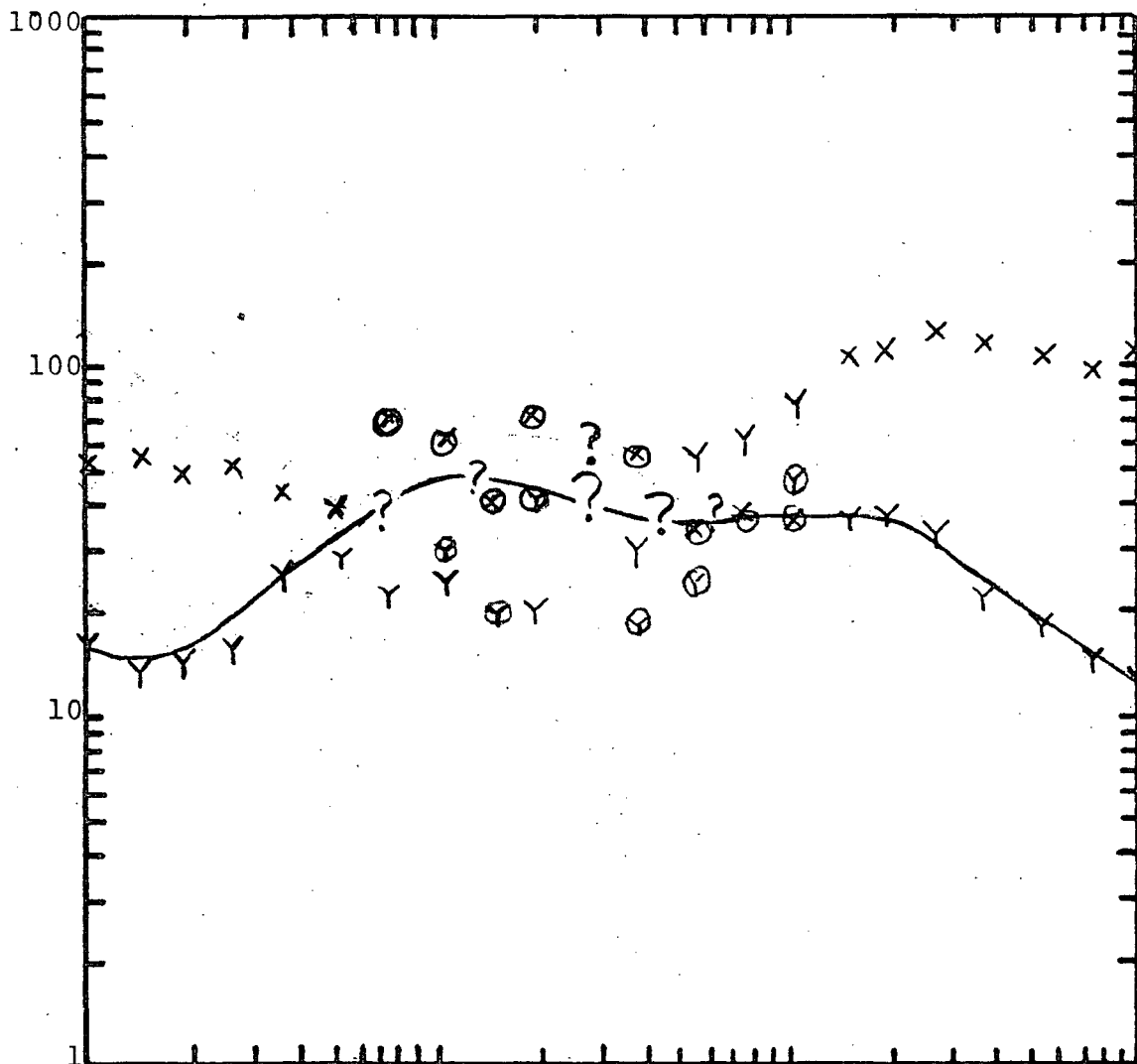


McCOY, NEVADA
STATION A6



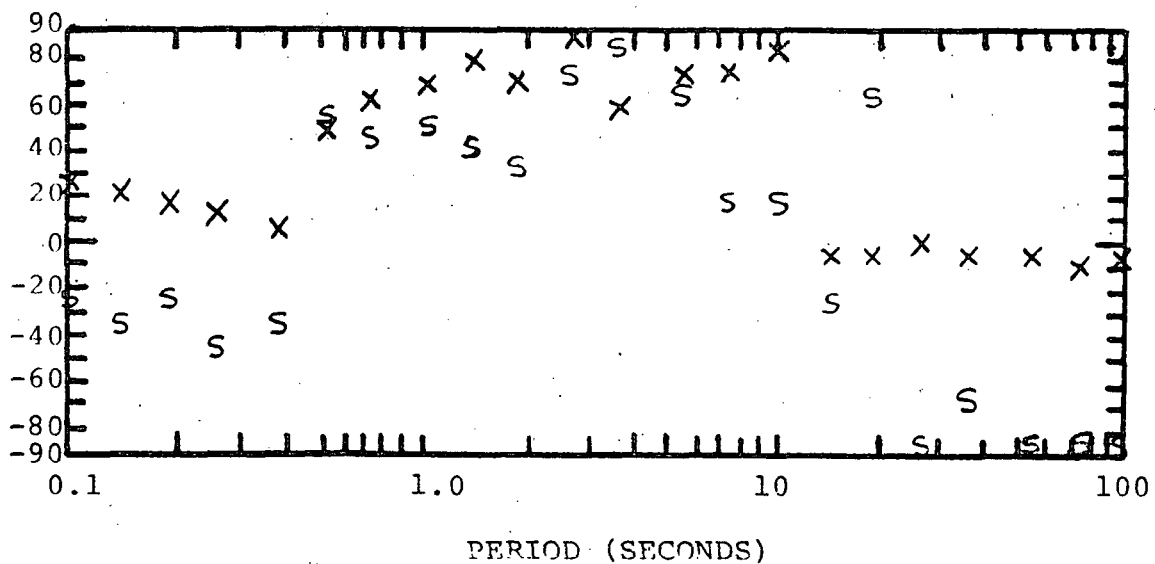
ROTATED APPARENT RESISTIVITY (OHM-METERS)

X AXIS (X); Y AXIS (Y)



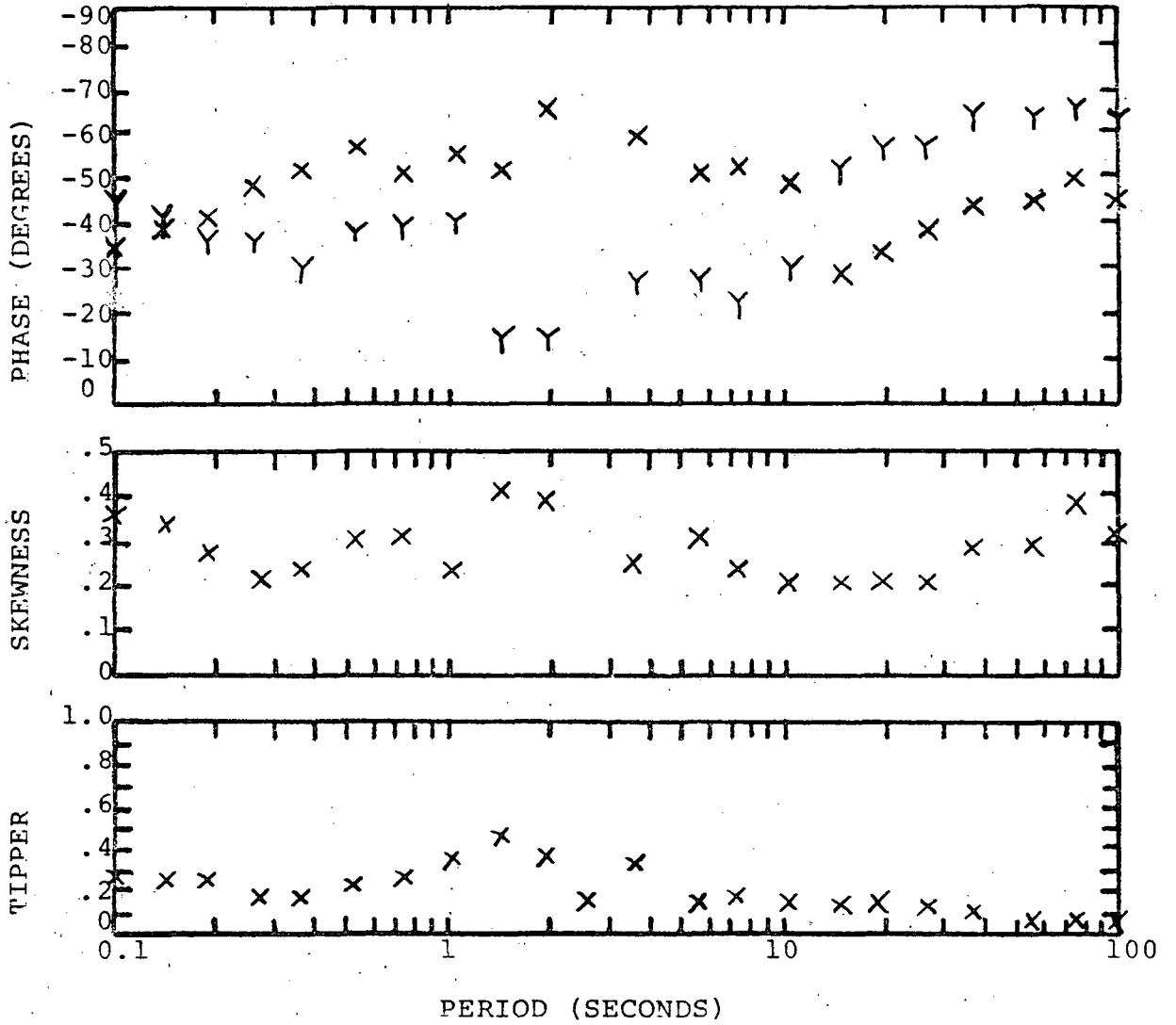
ROTATION ANGLE

STRIKE (S); AXES (X)

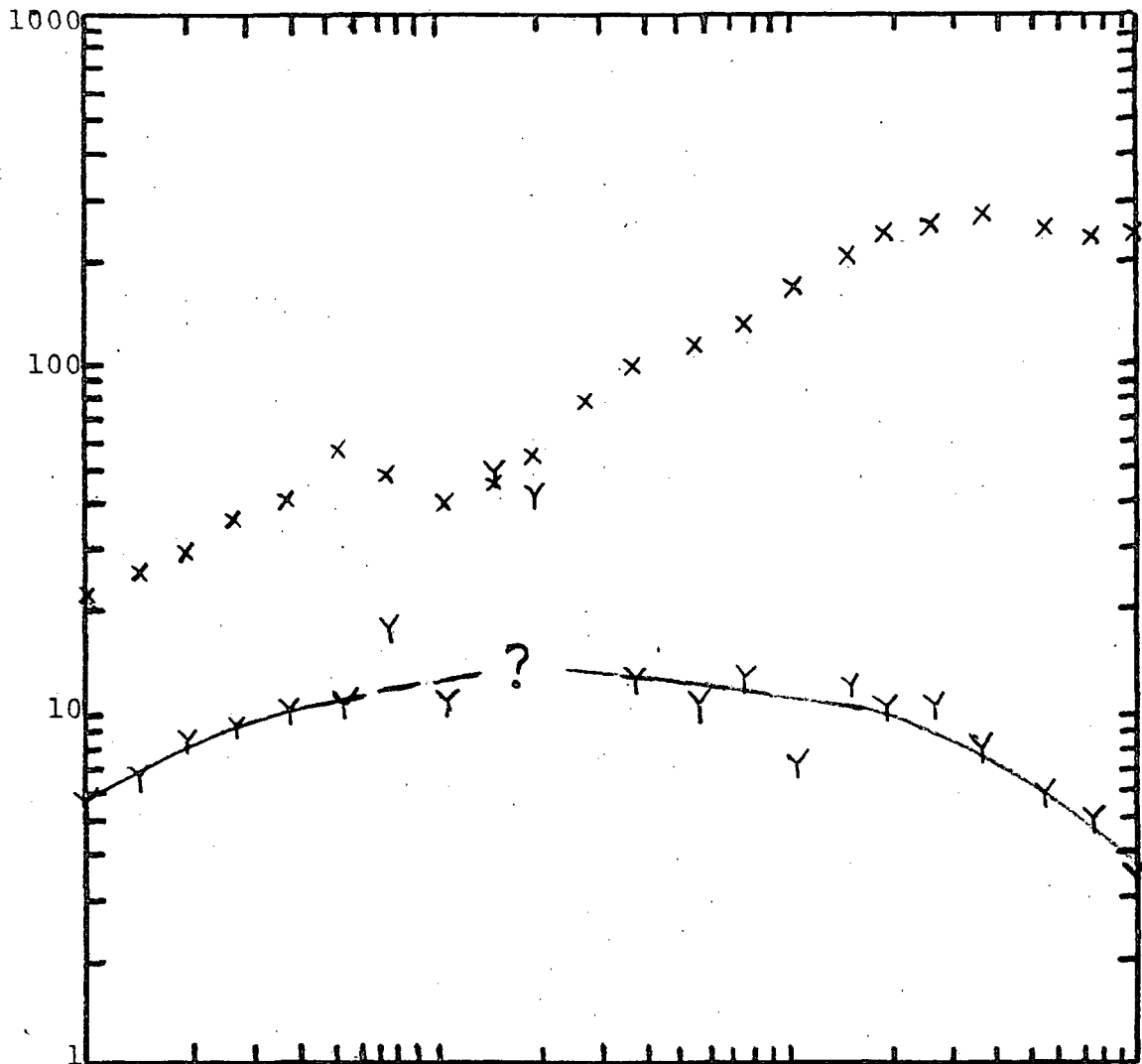


McCOY, NEVADA

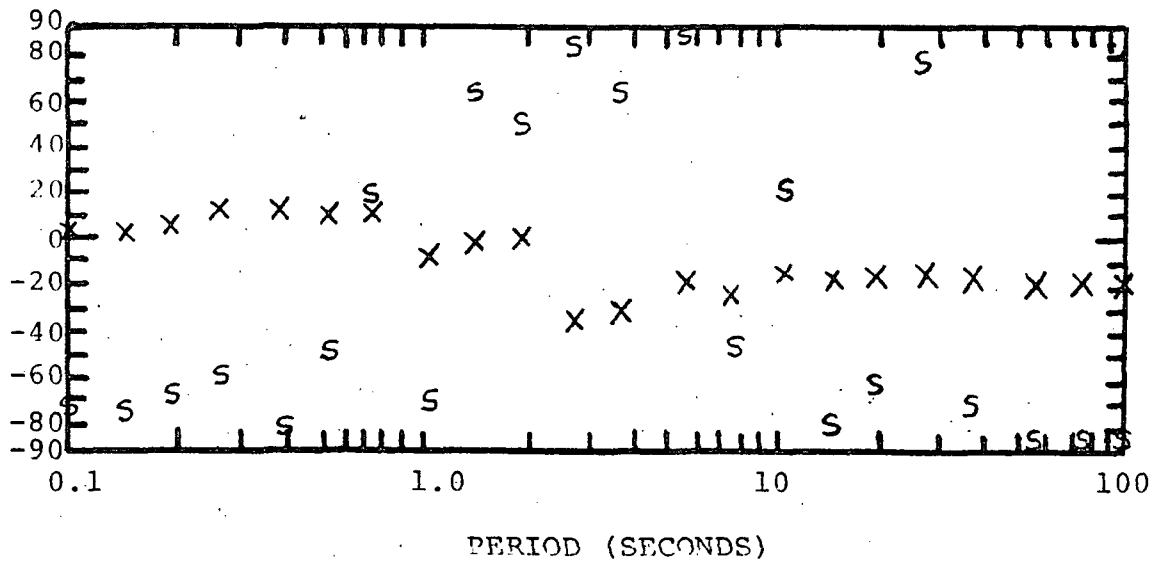
STATION B6



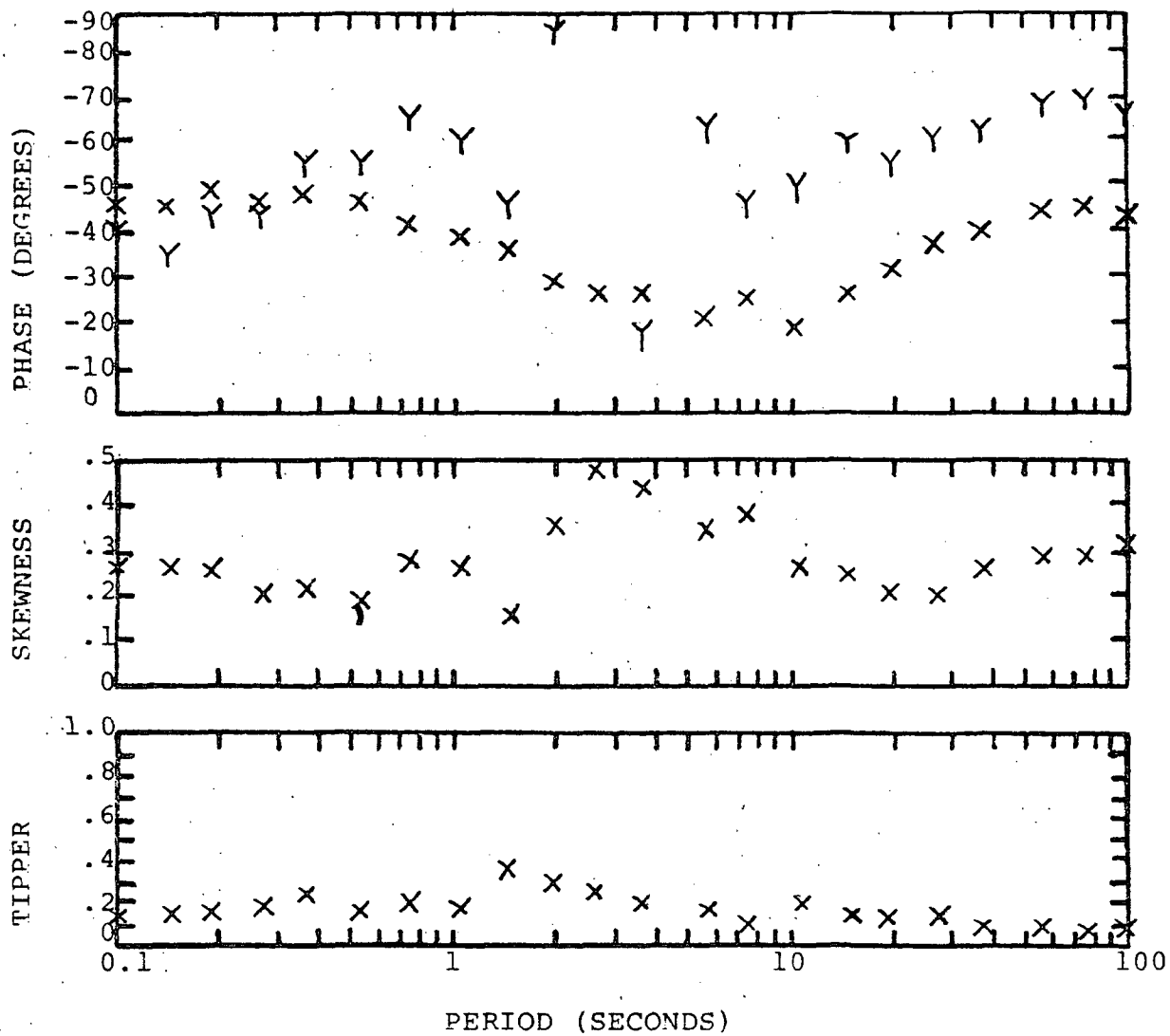
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



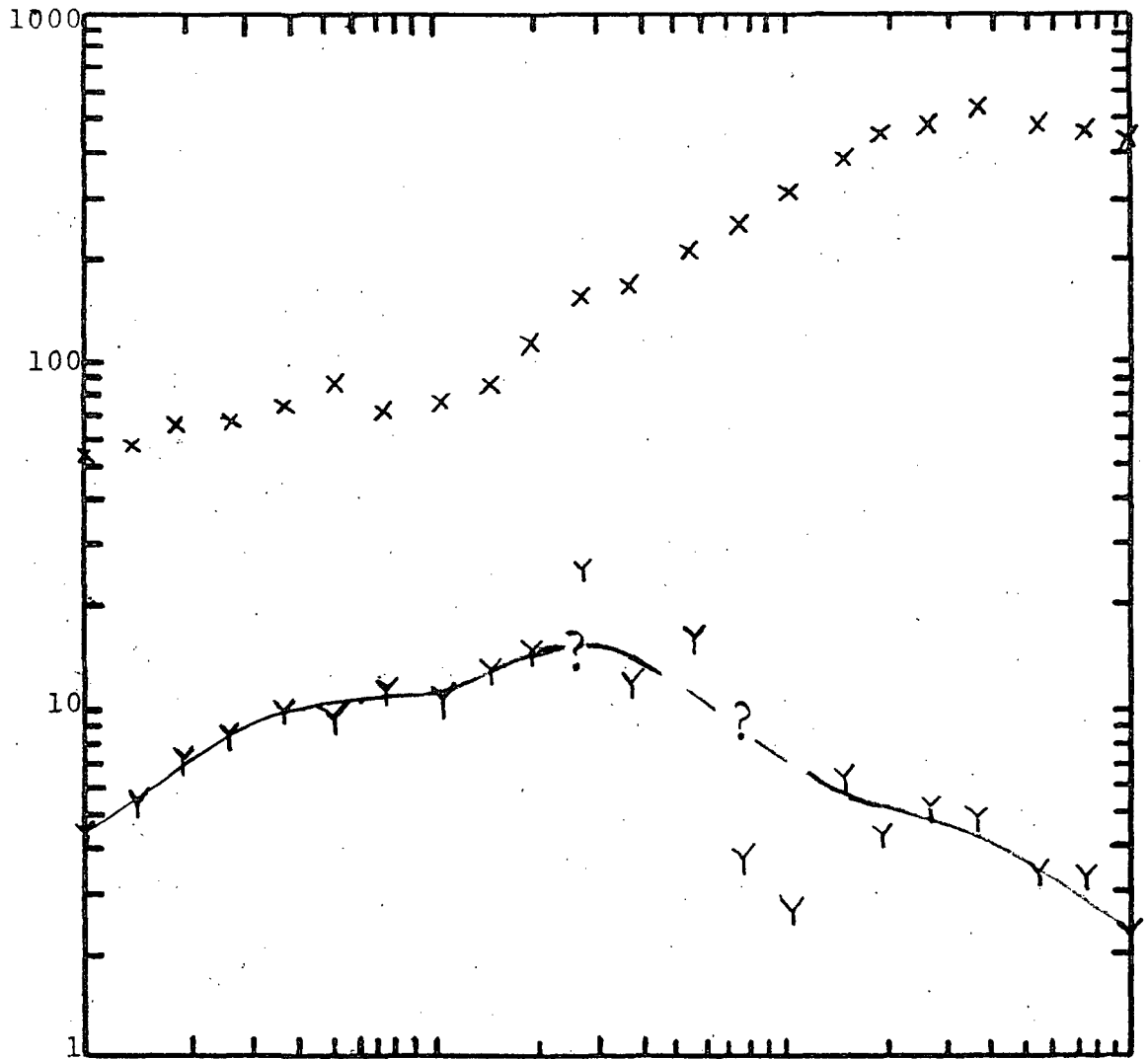
ROTATION ANGLE
STRIKE (S); AXES (X)



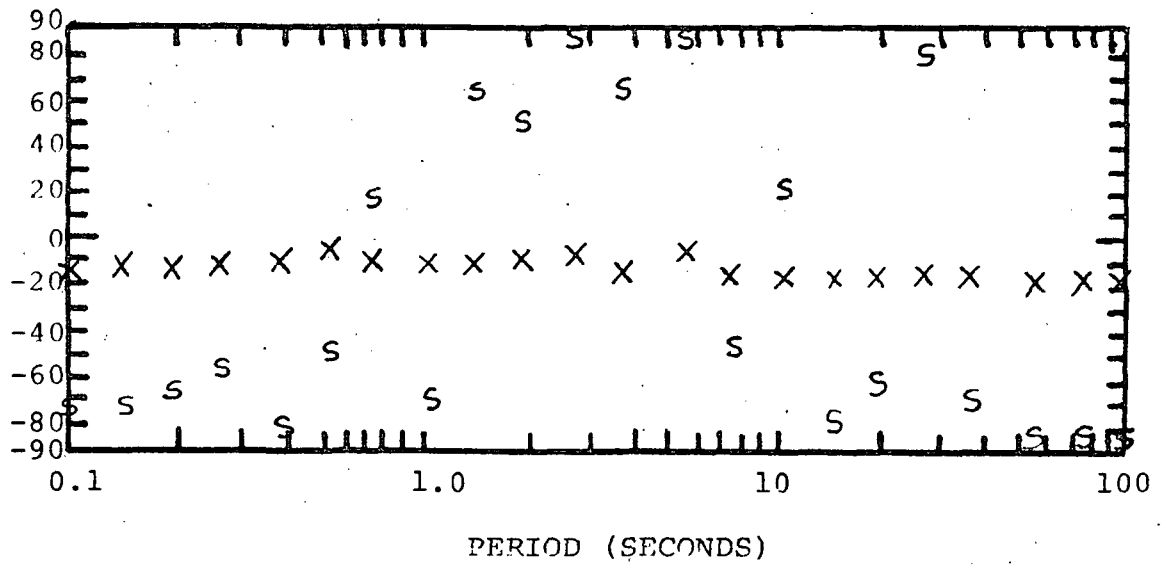
McCOY, NEVADA

STATION M7

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

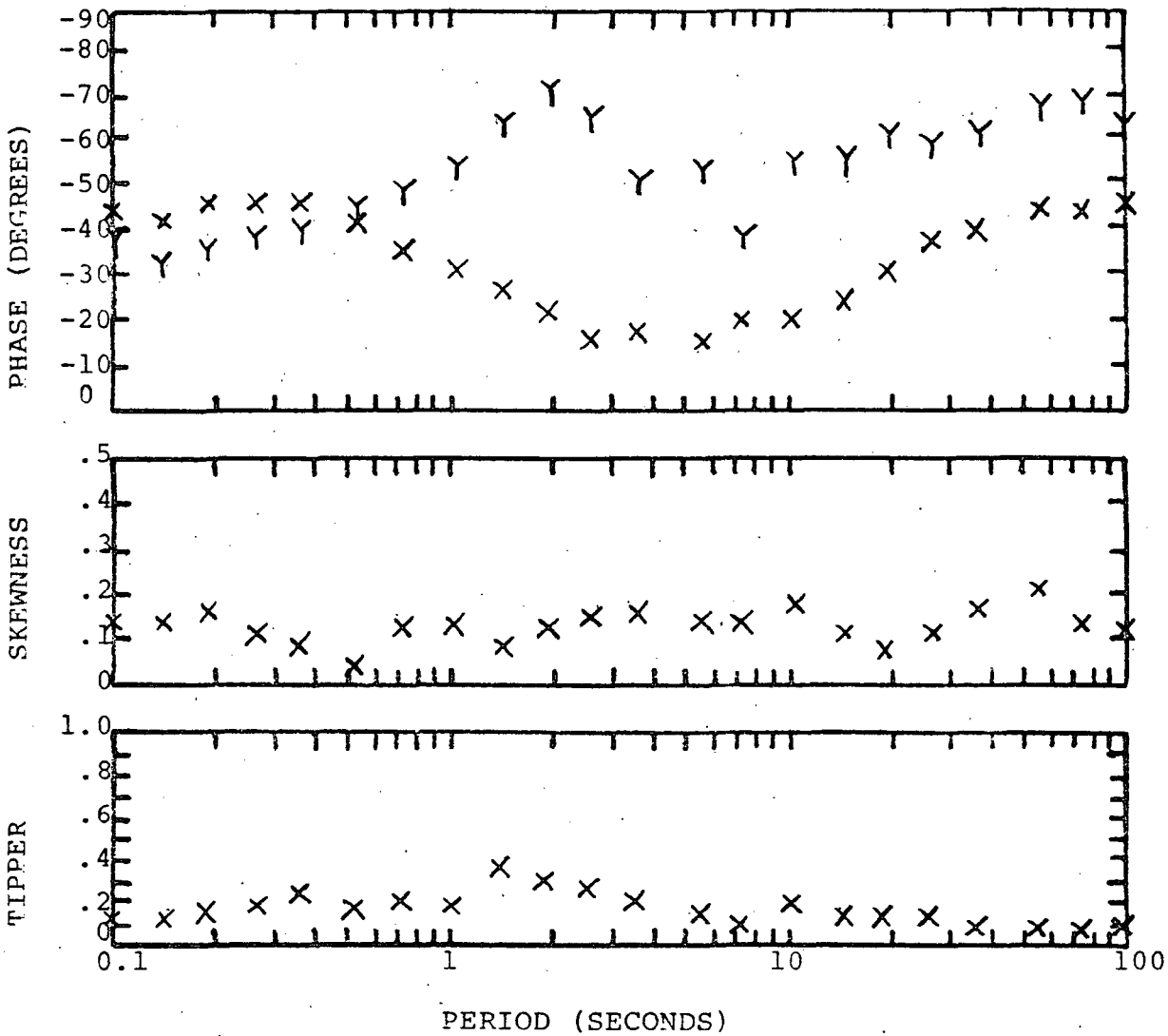


ROTATION ANGLE
STRIKE (S); AXES (X)

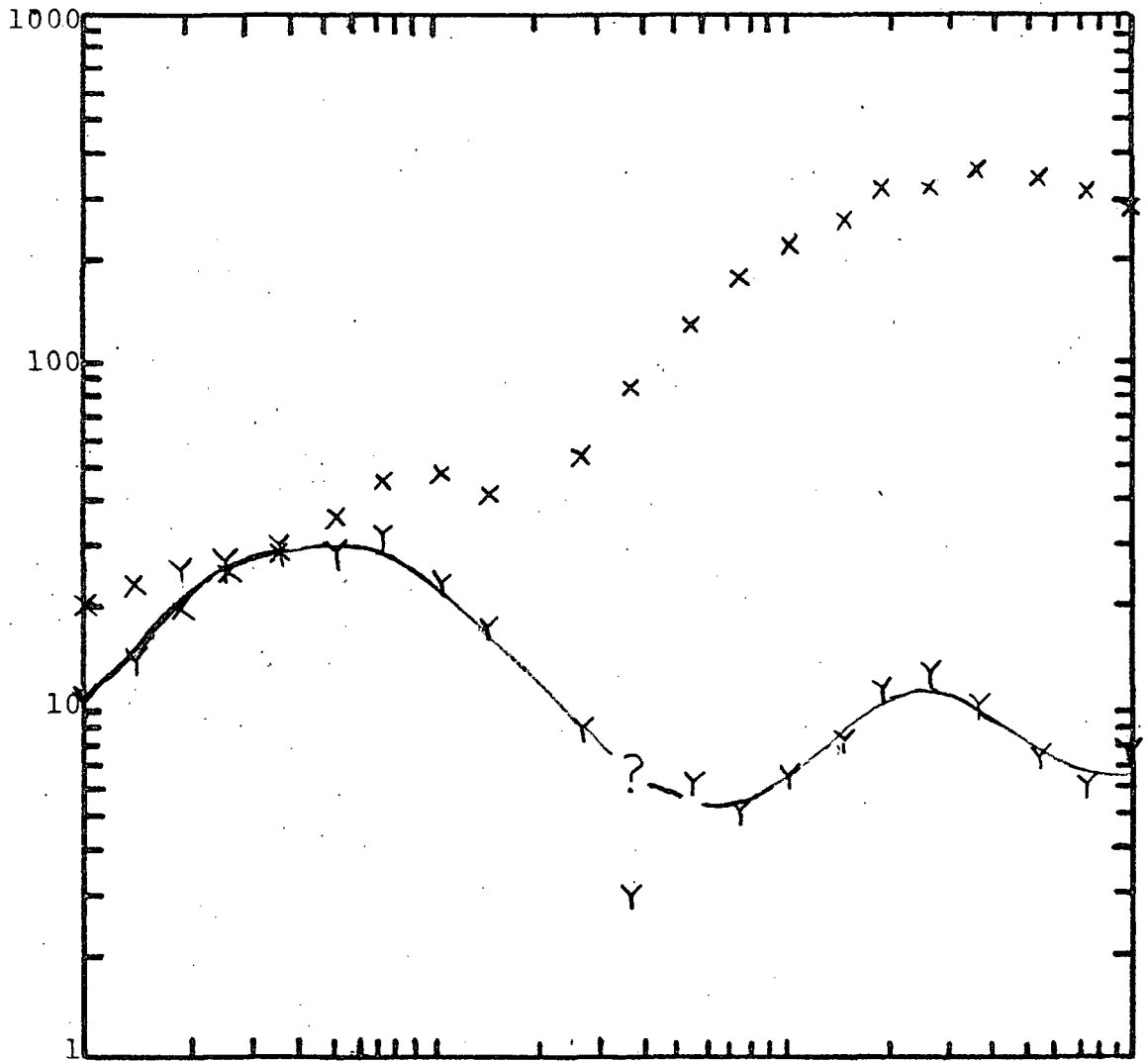


McCOY, NEVADA

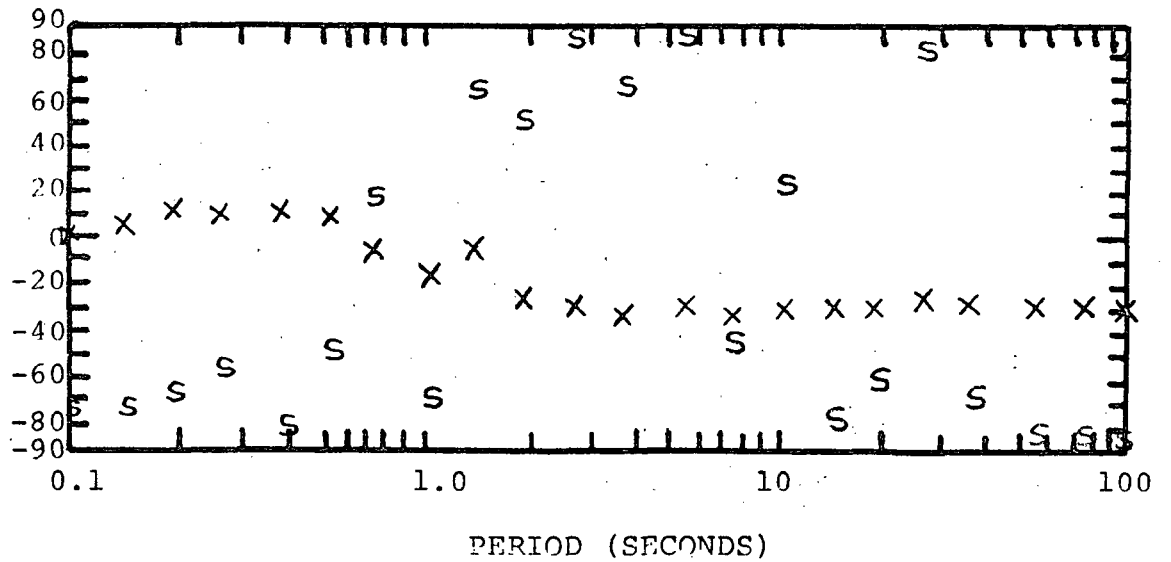
STATION A7



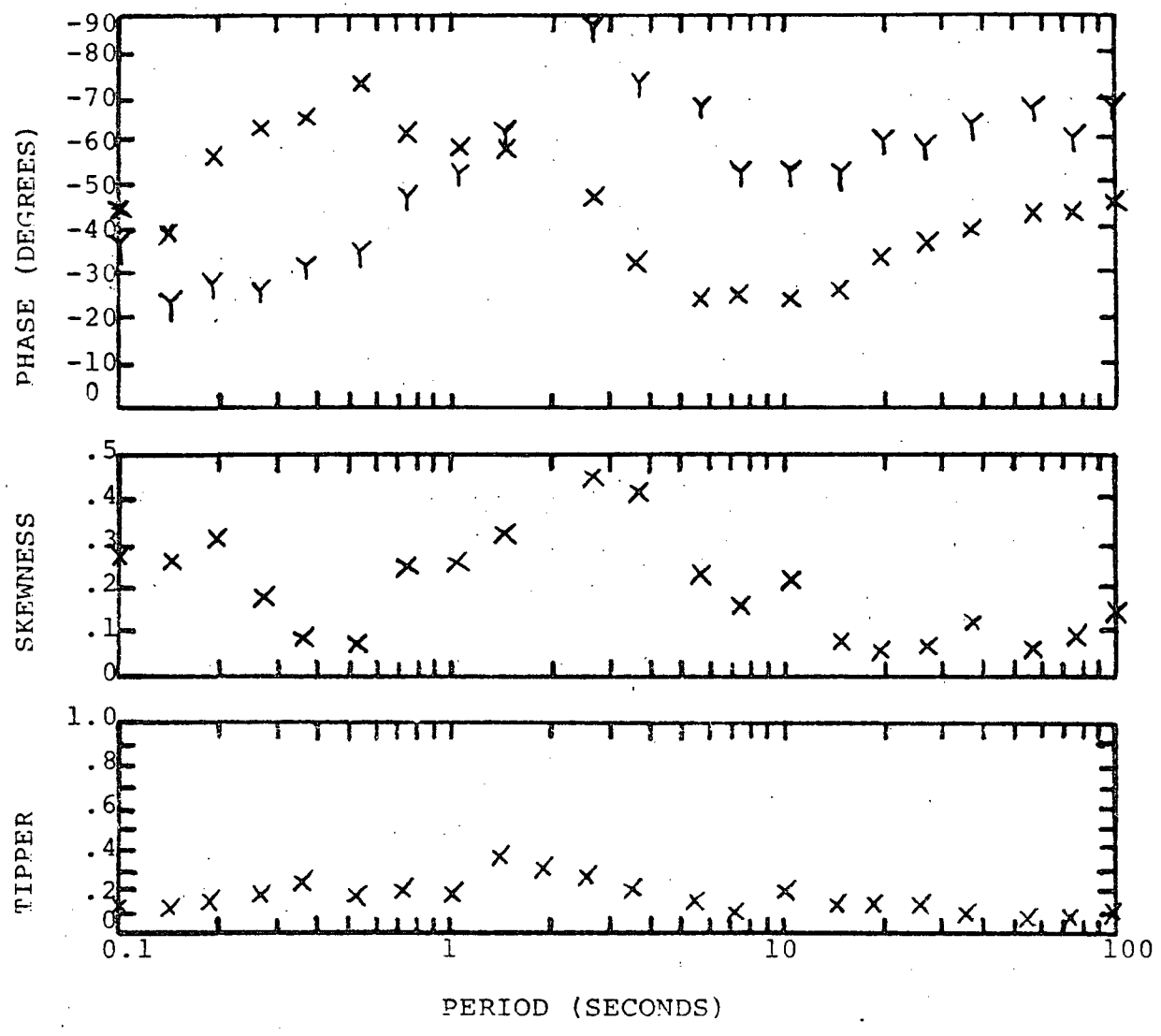
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

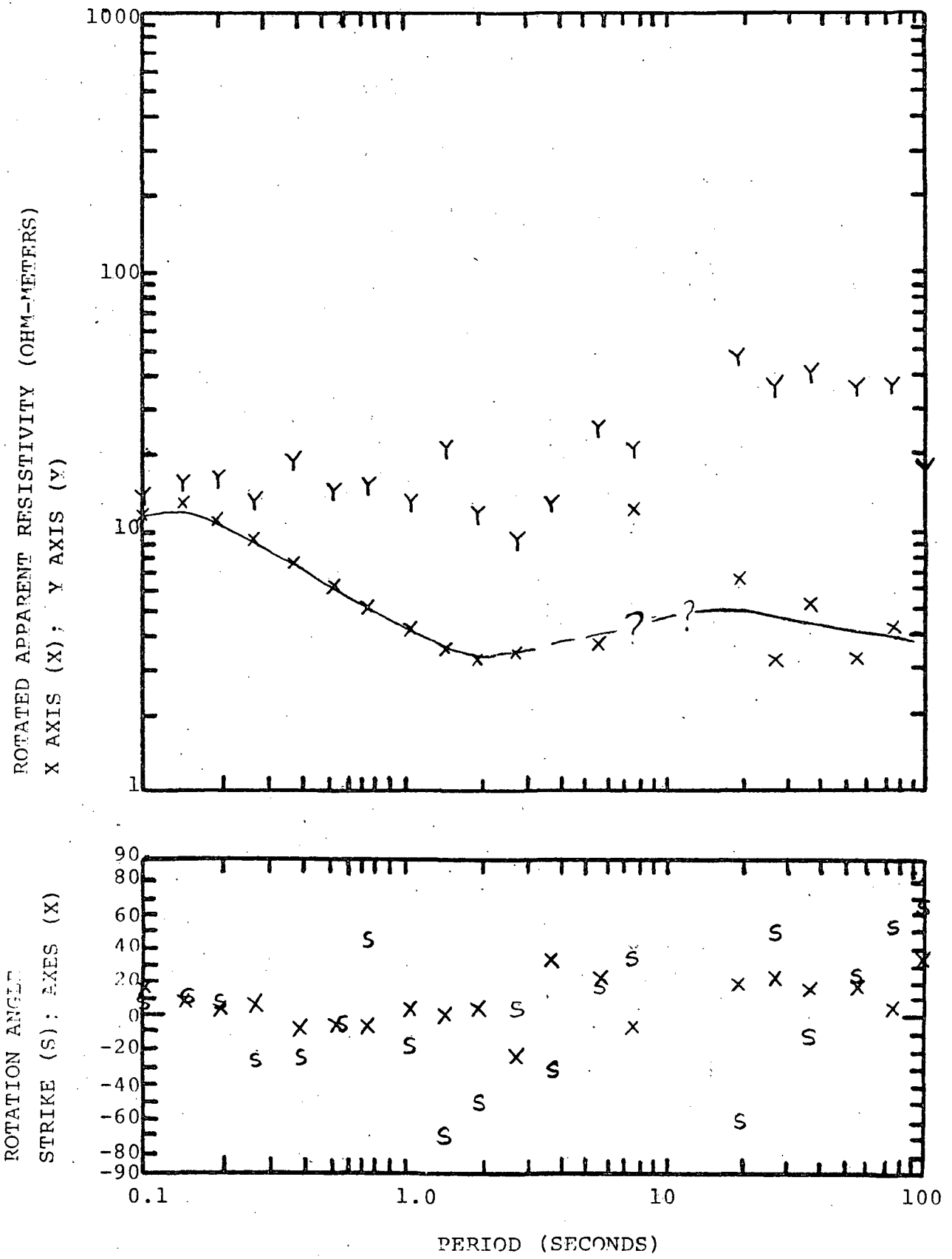


ROTATION ANGLE
STRIKE (S); AXES (X)



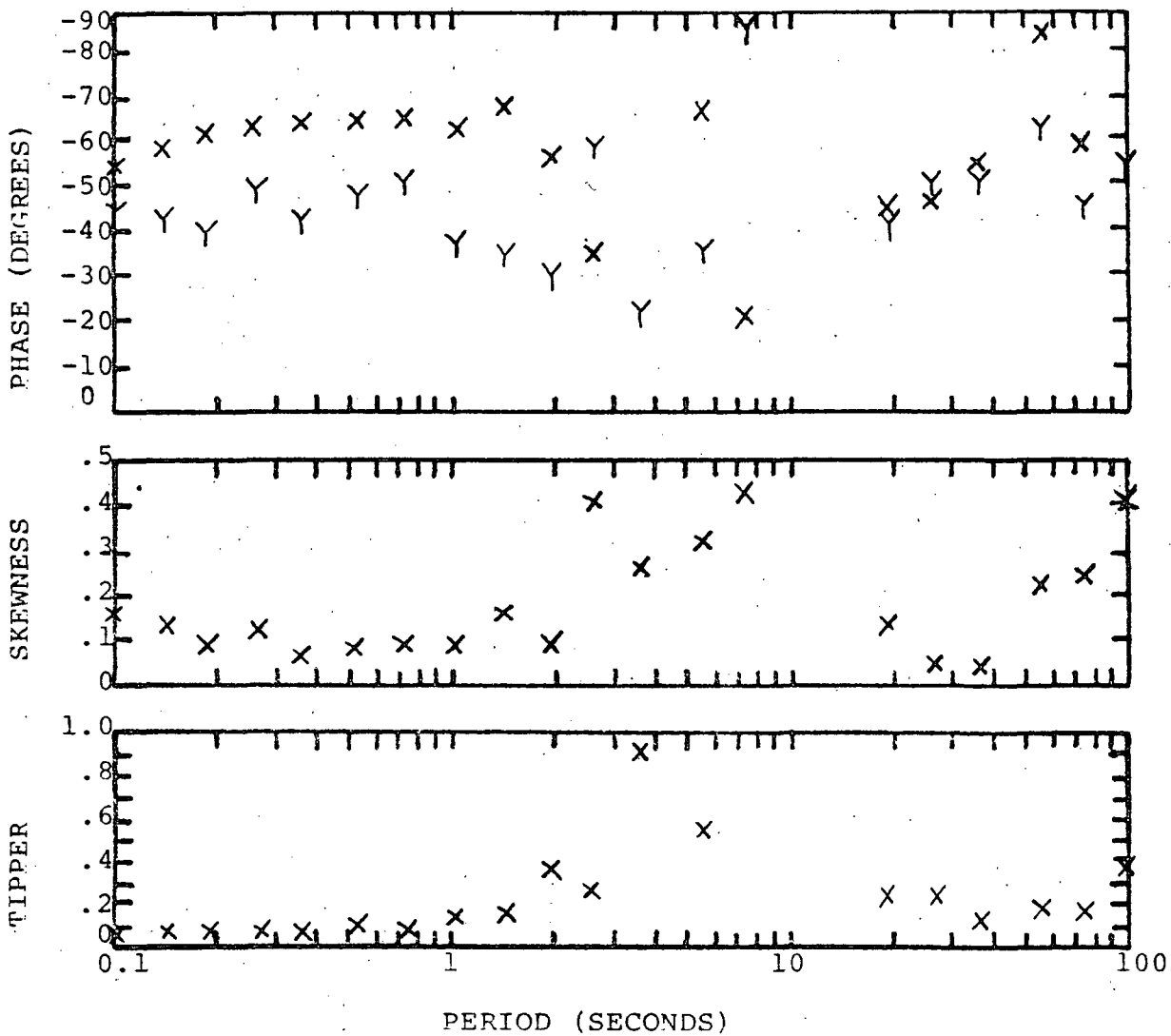
McCOY, NEVADA
STATION B7

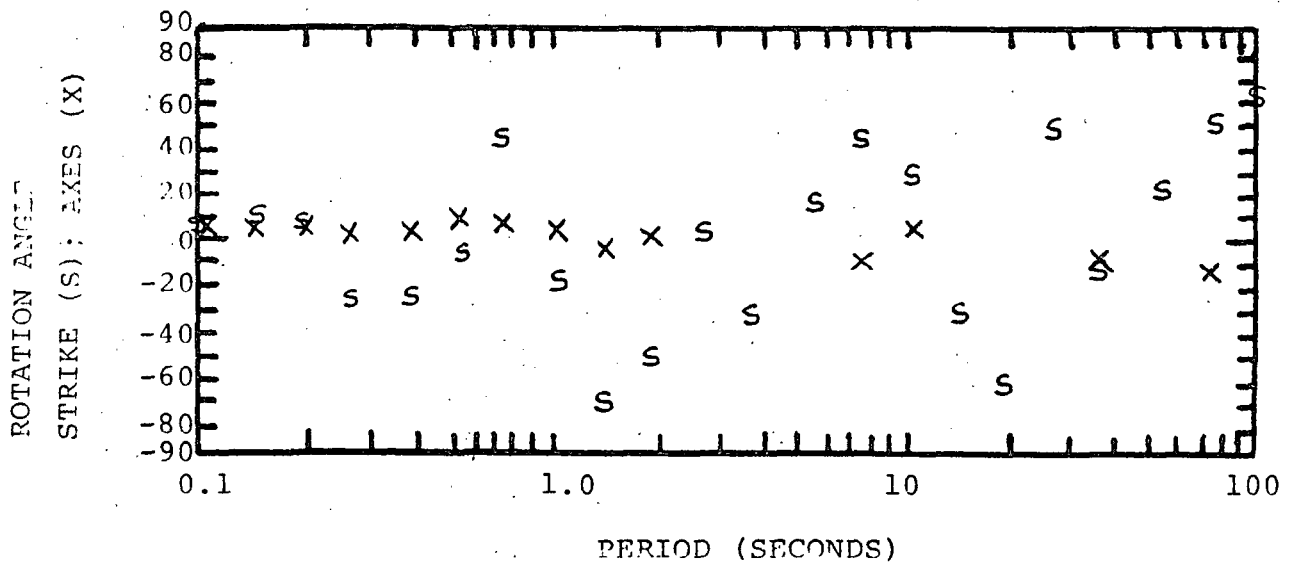
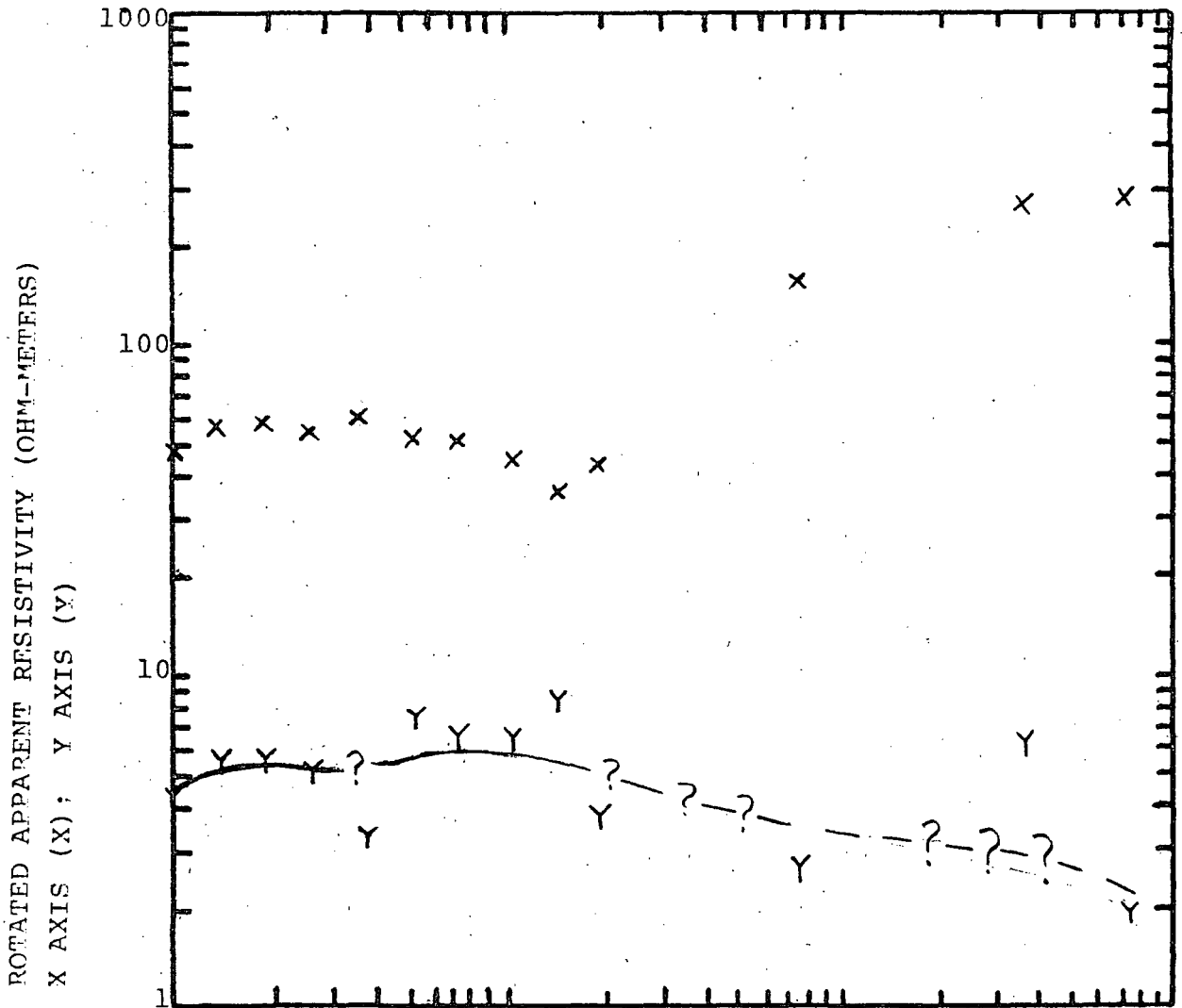




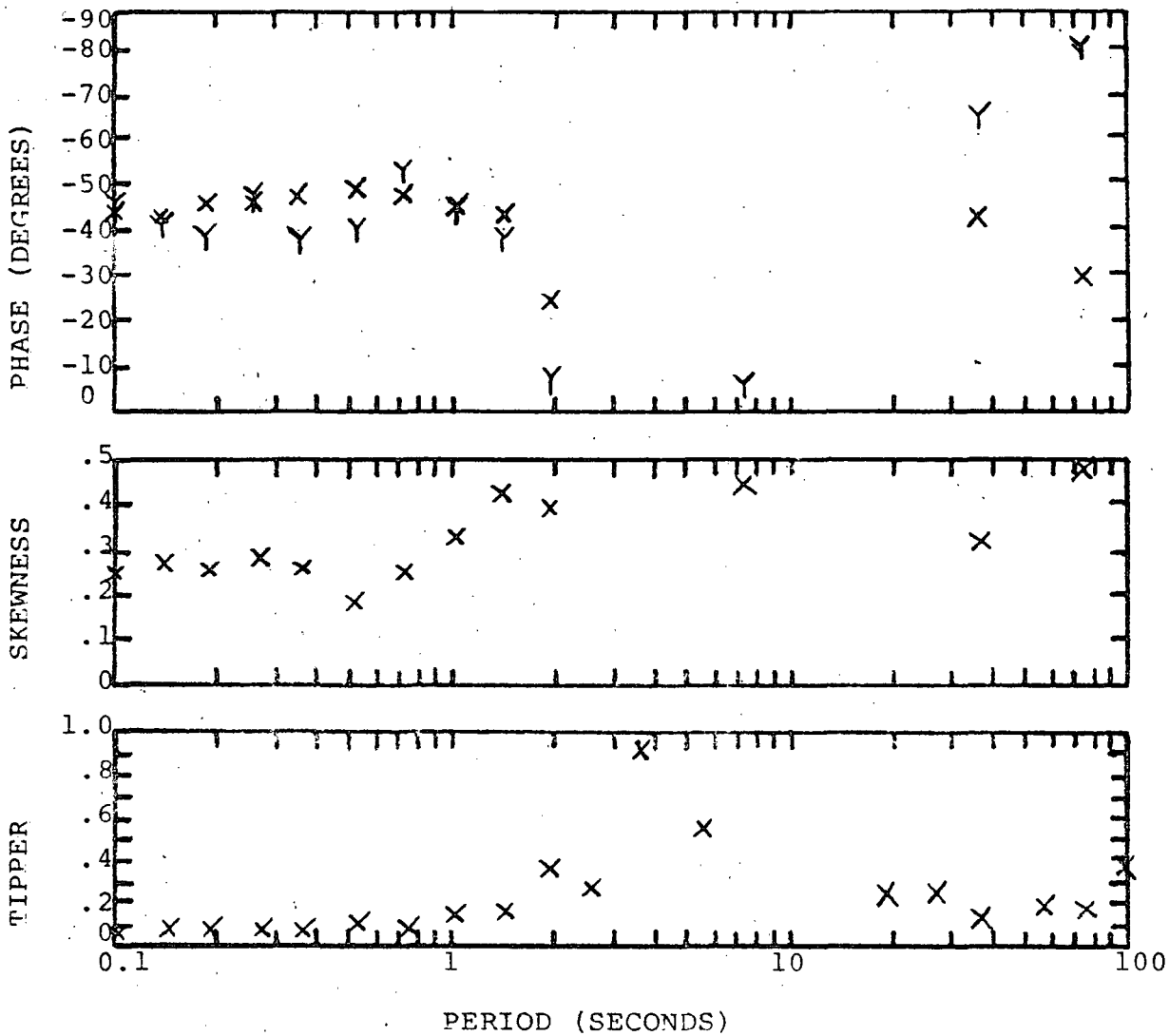
McCOY, NEVADA

STATION M8

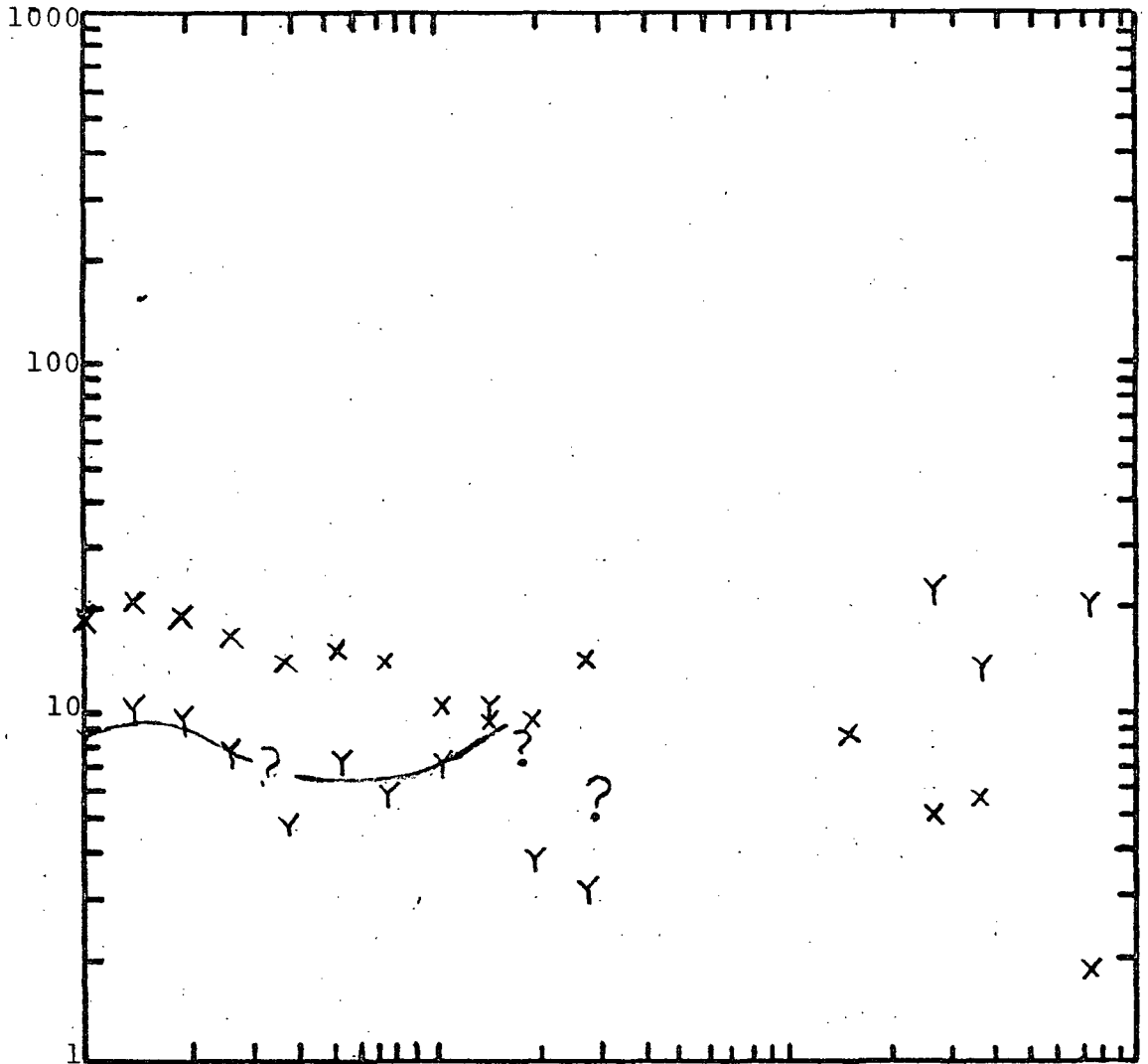




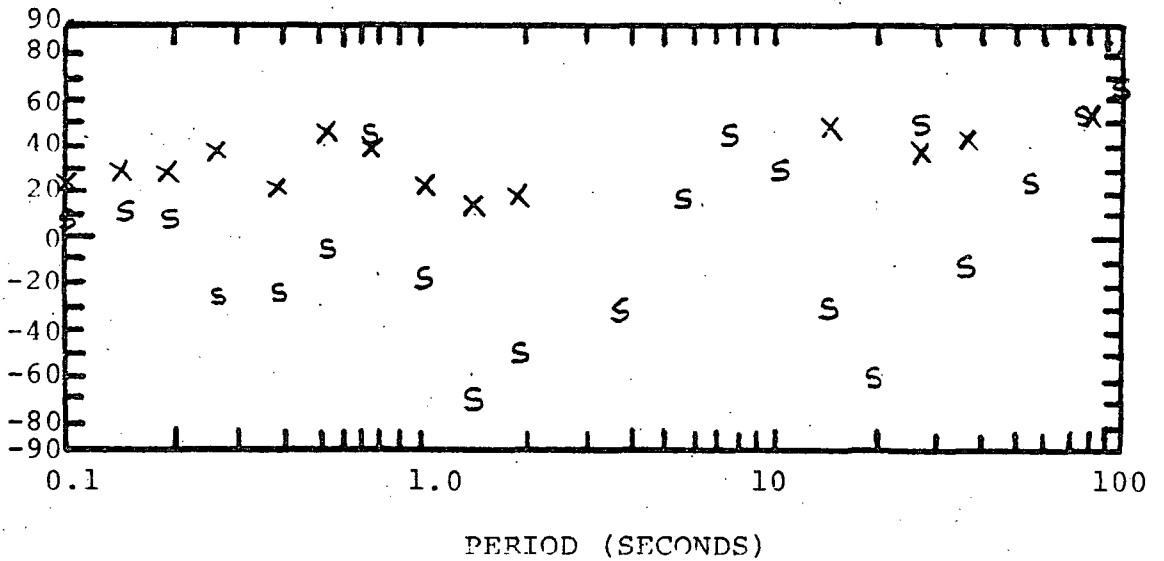
McCOY, NEVADA
STATION A8



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

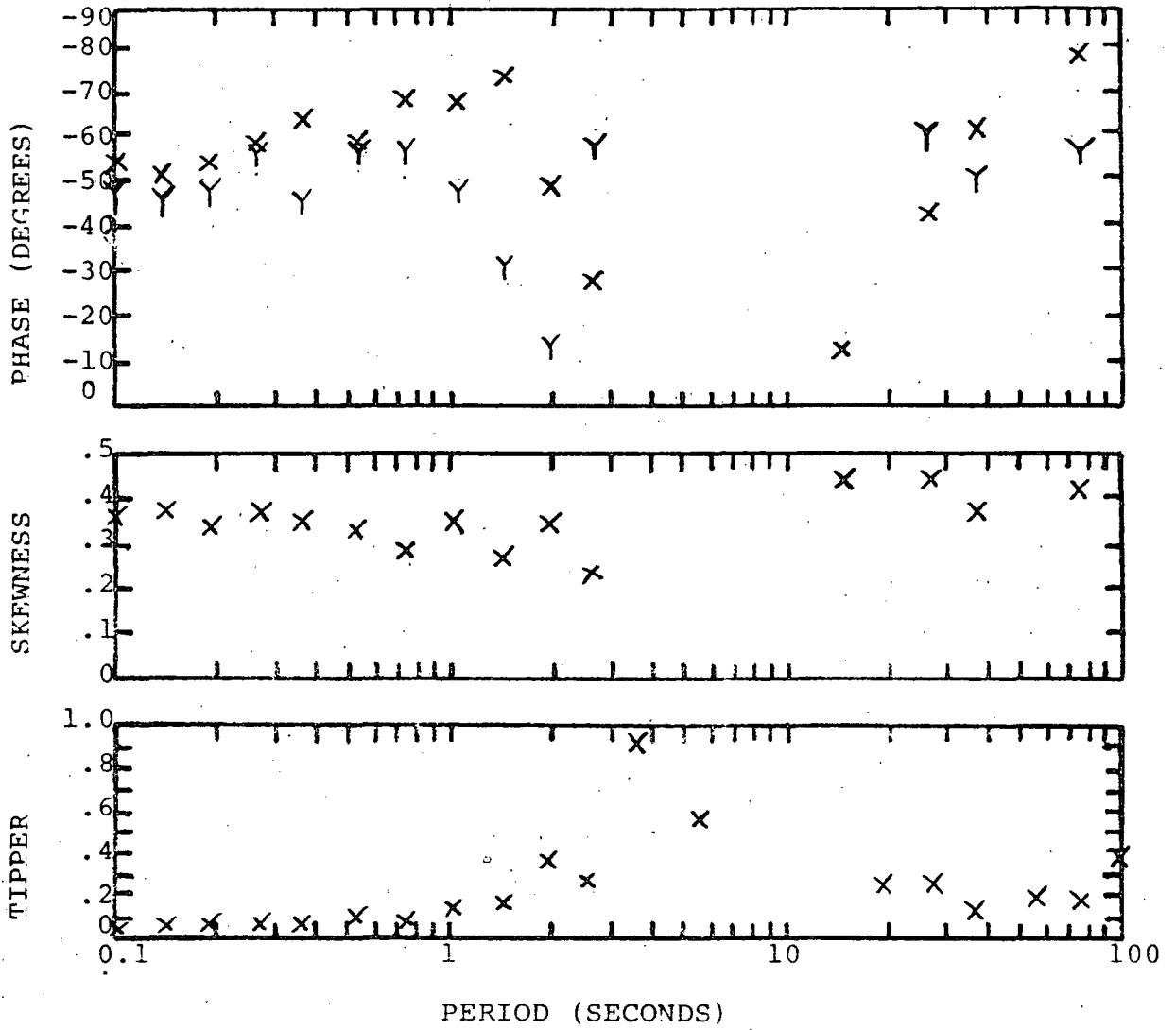


ROTATION ANGLE
STRIKE (S); AXES (X)



McCOY, NEVADA

STATION B8



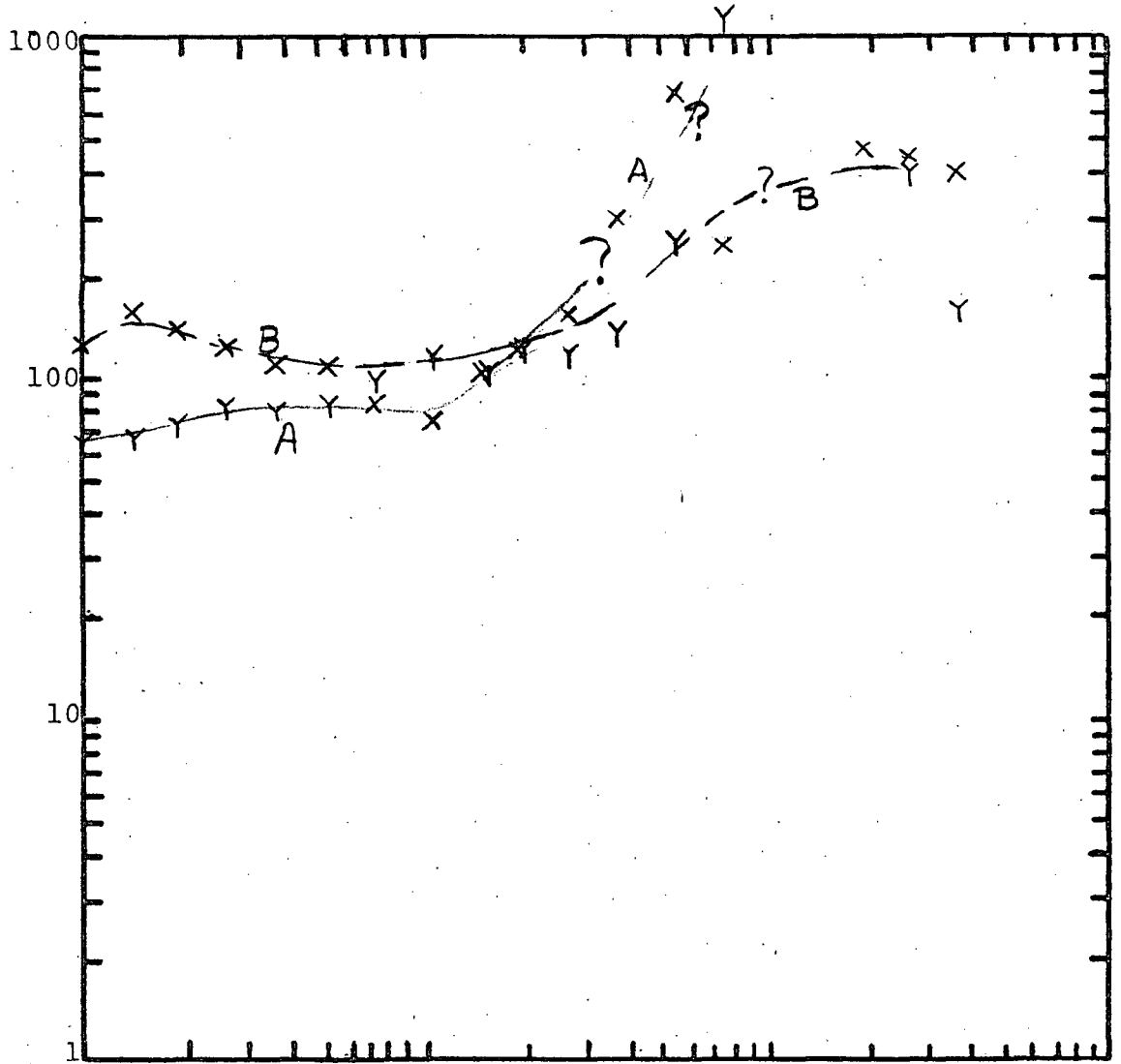
PROSPECT McCOY, NEVADA

STATION M9

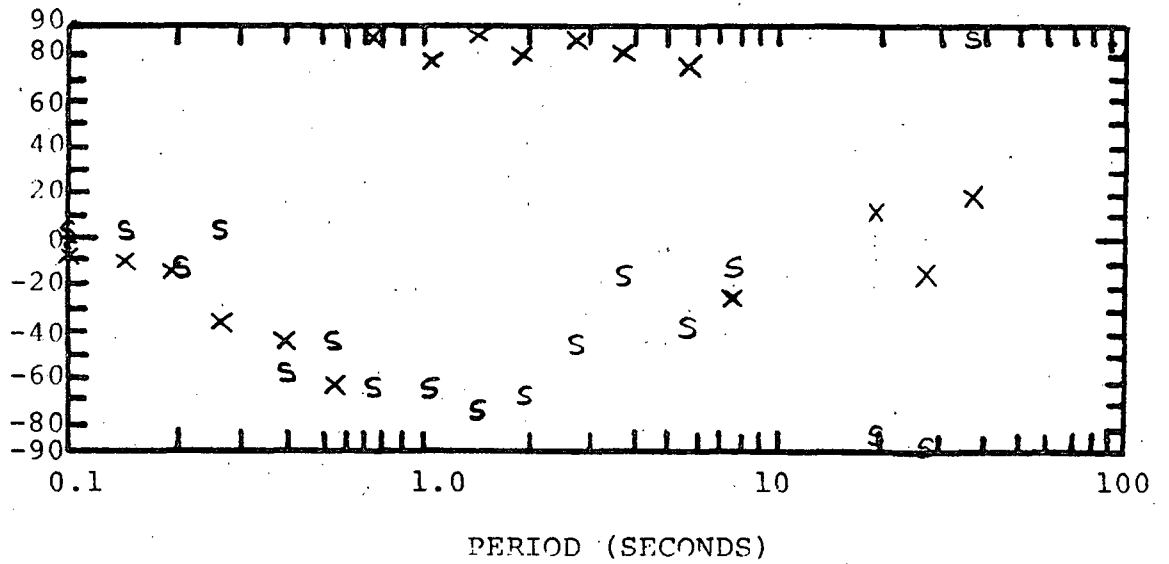
Y

81

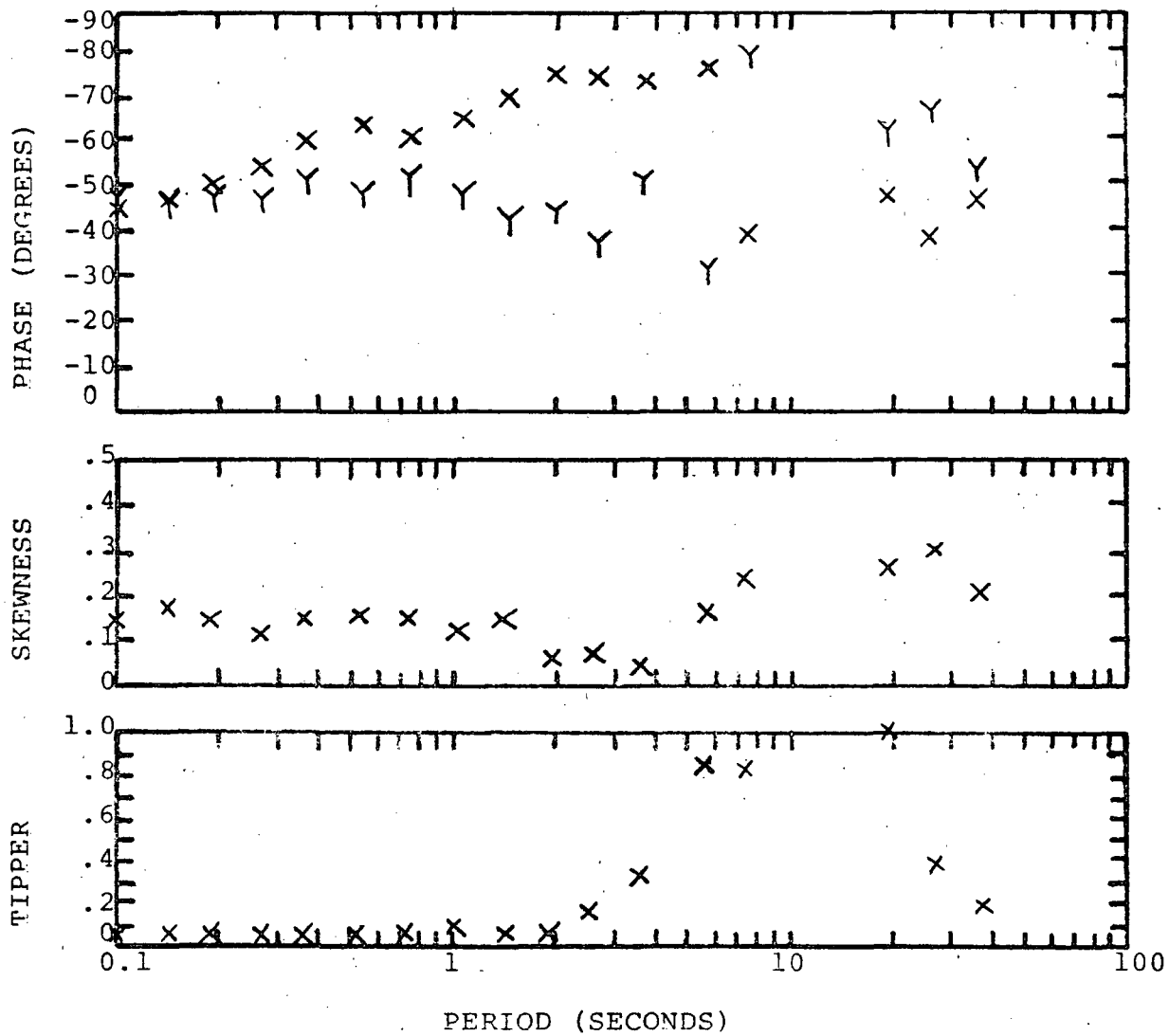
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



ROTATION ANGLE
STRIKE (S); AXES (X)

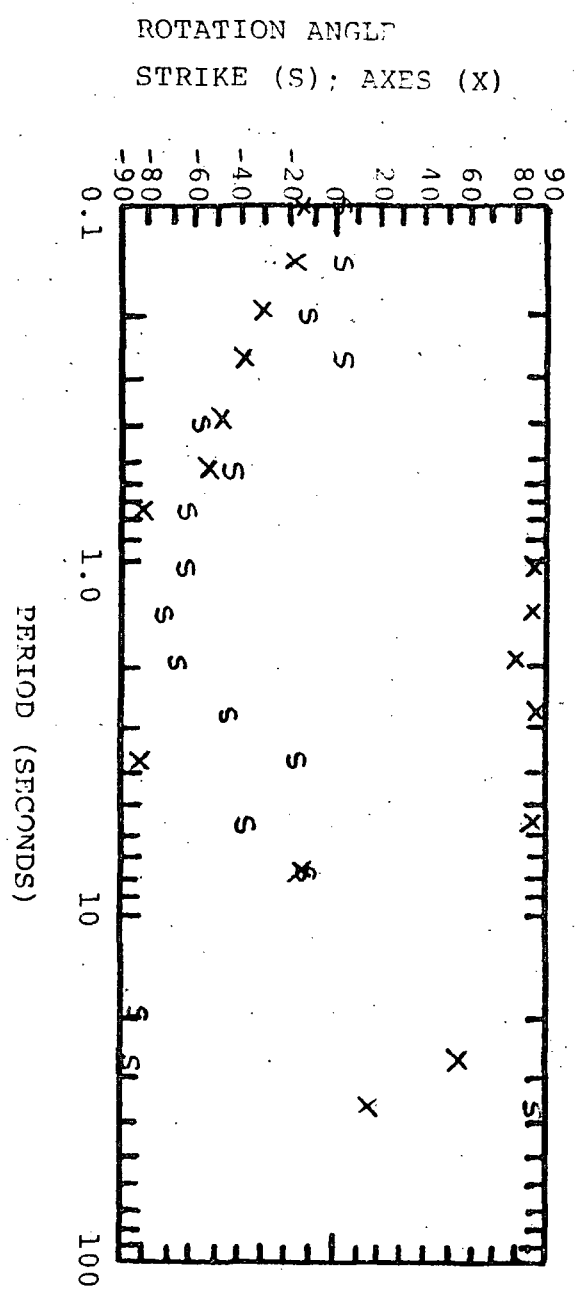
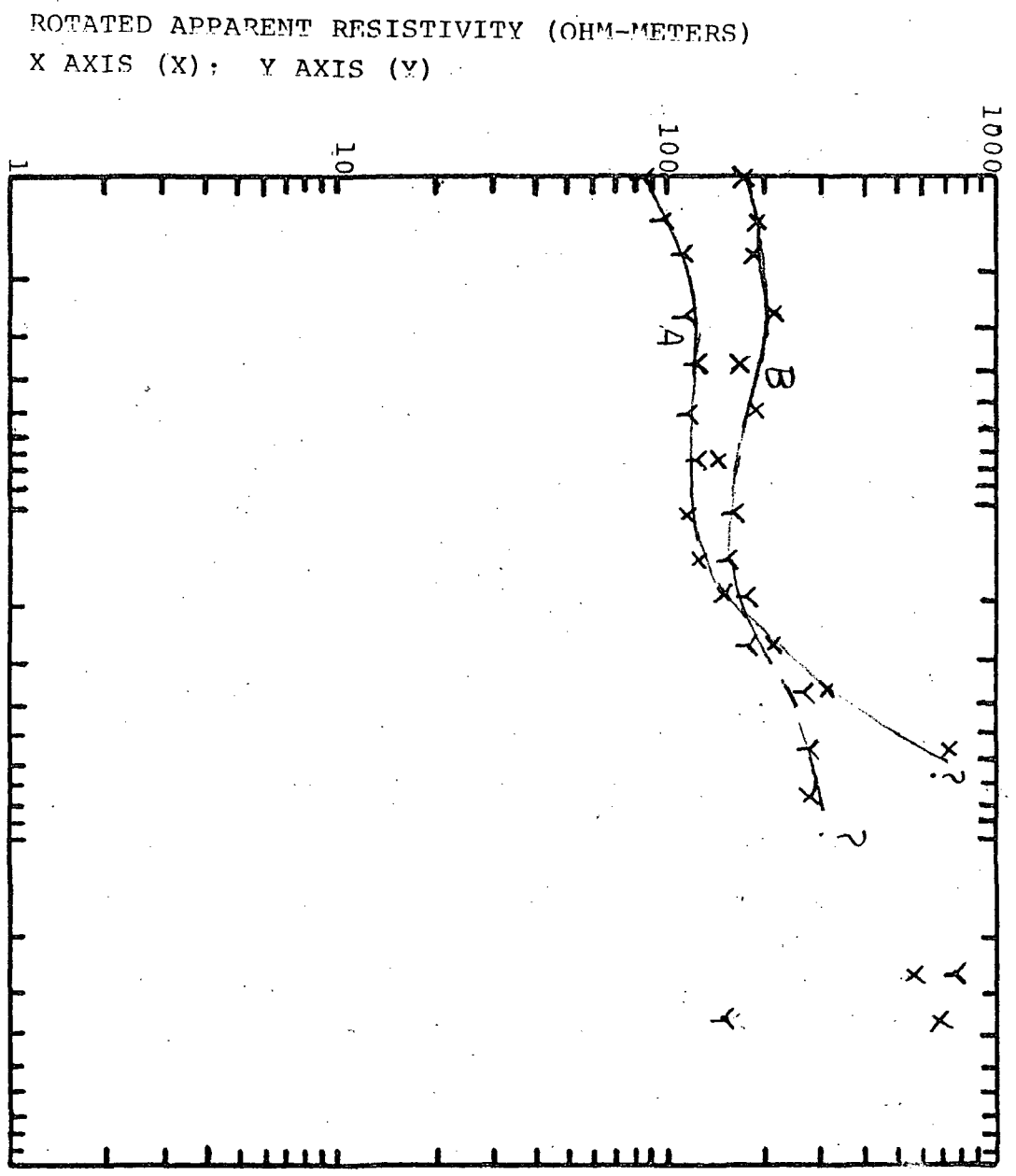


McCOY, NEVADA

STATION M9

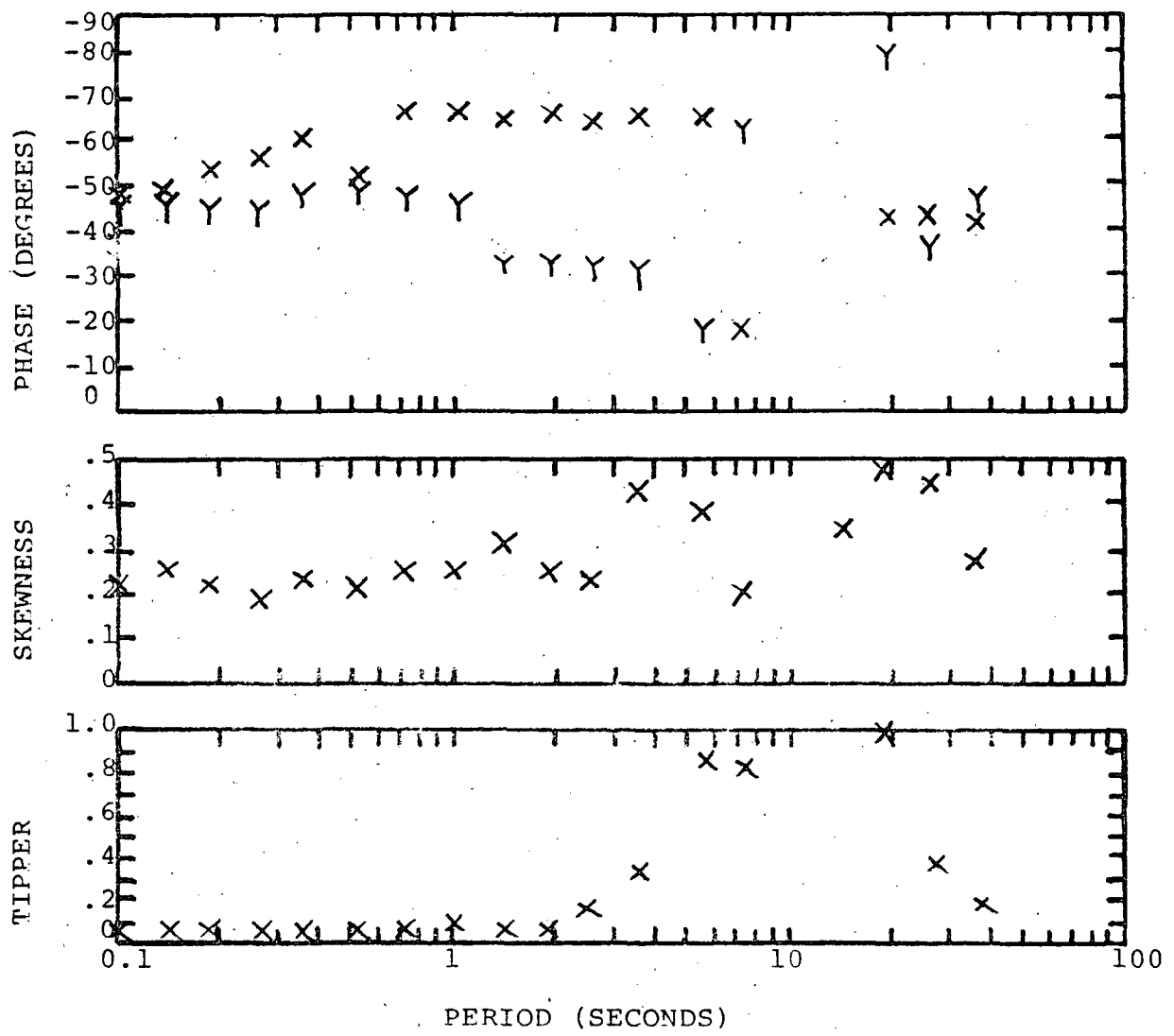
PROSPECT MCCOY, NEVADA
 STATION A9

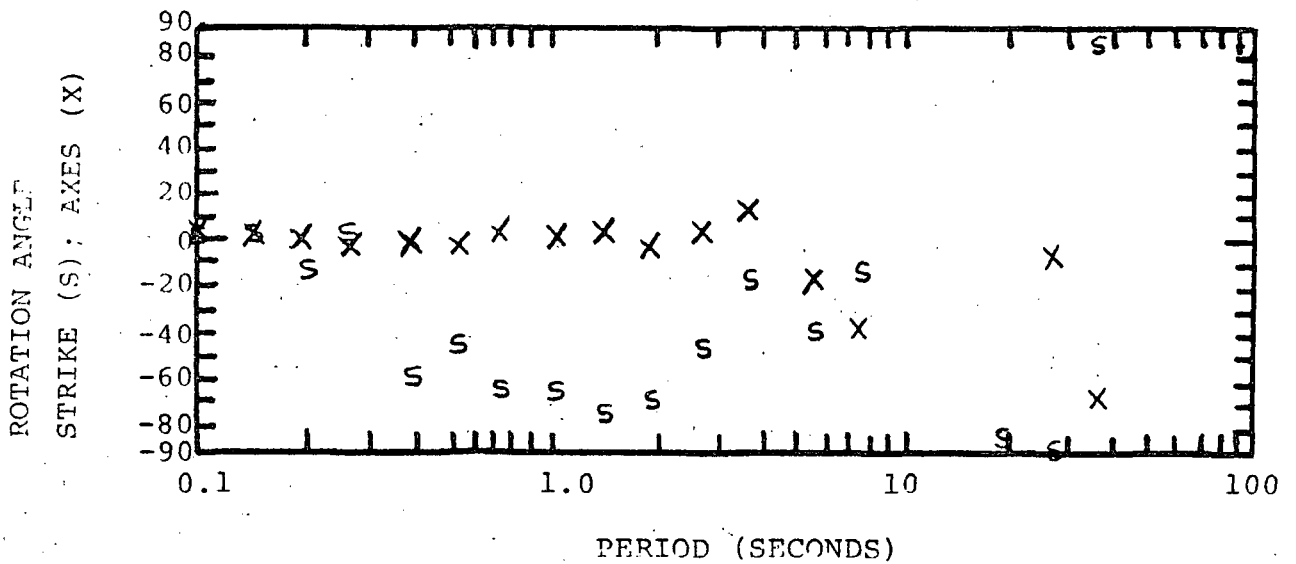
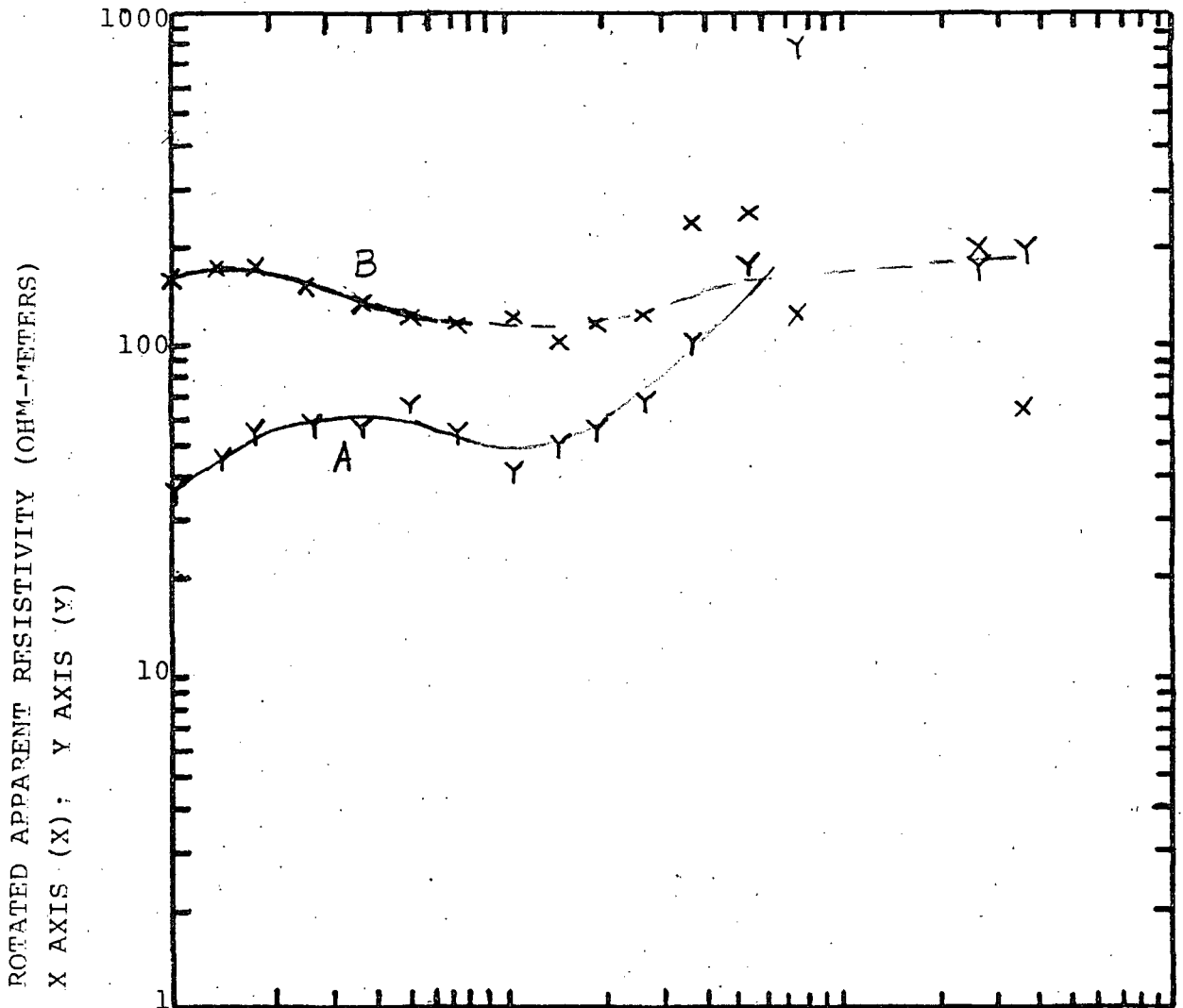
Y



PERIOD (SECONDS)

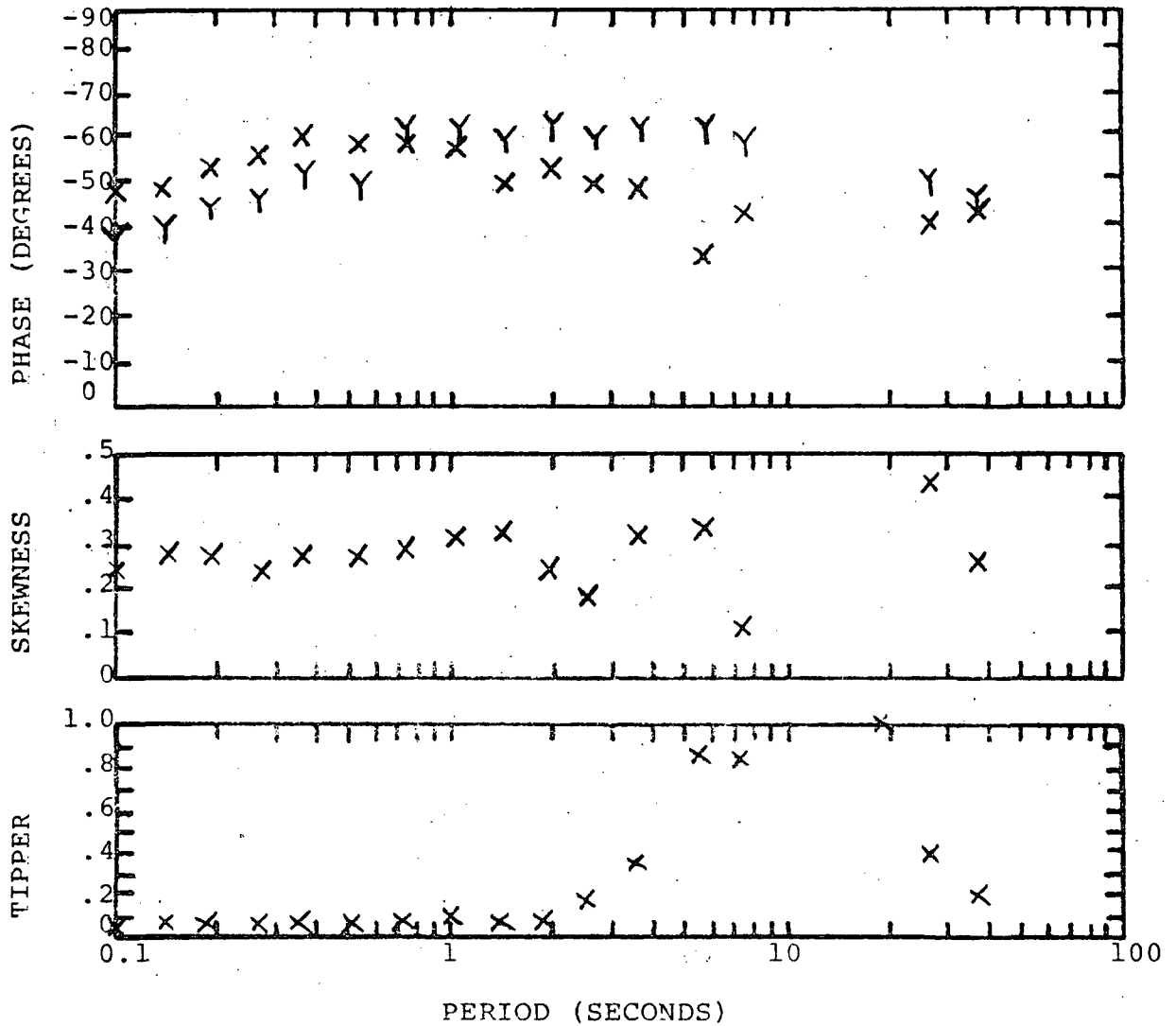
McCOY, NEVADA
STATION A9



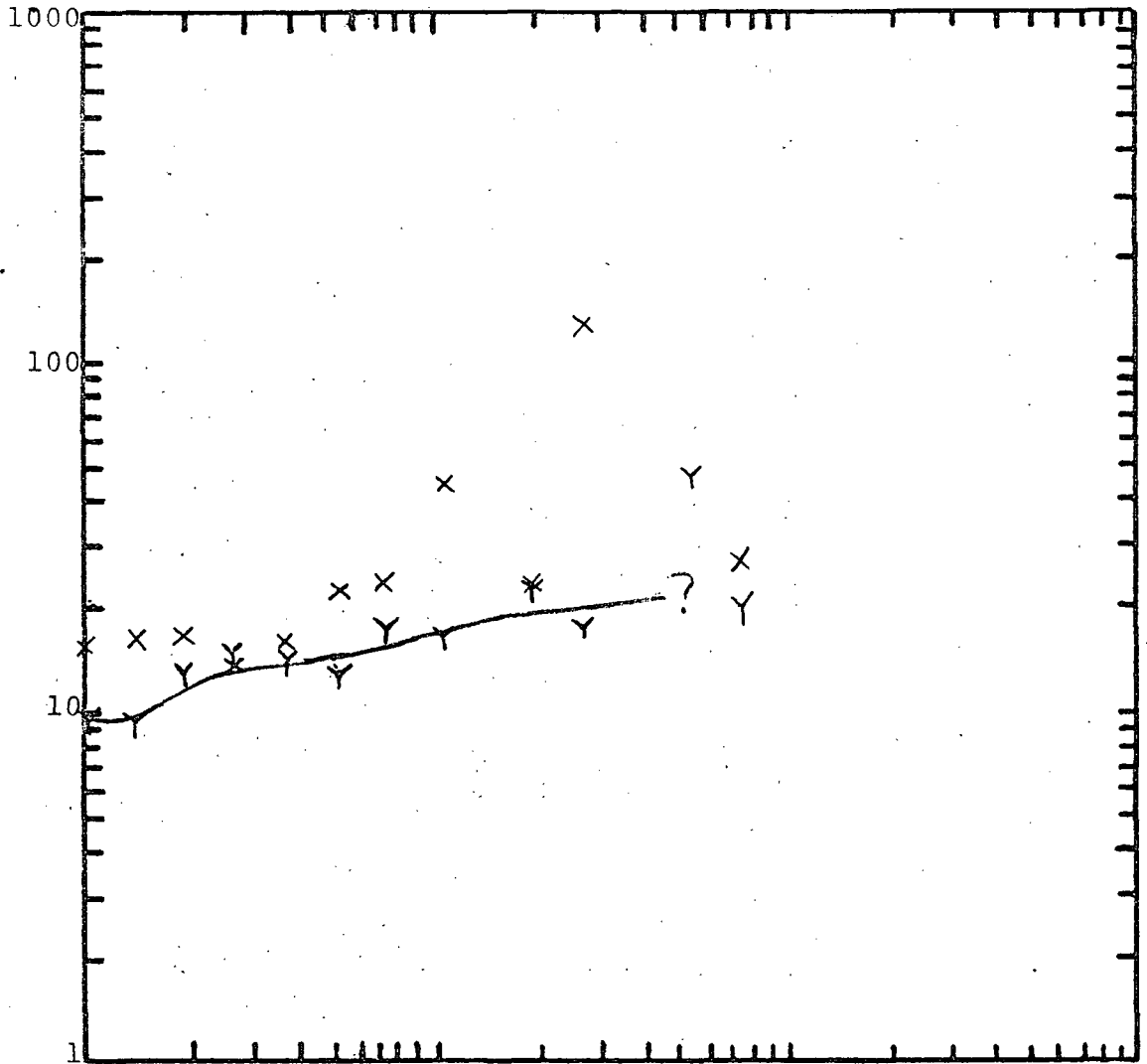


McCOY, NEVADA

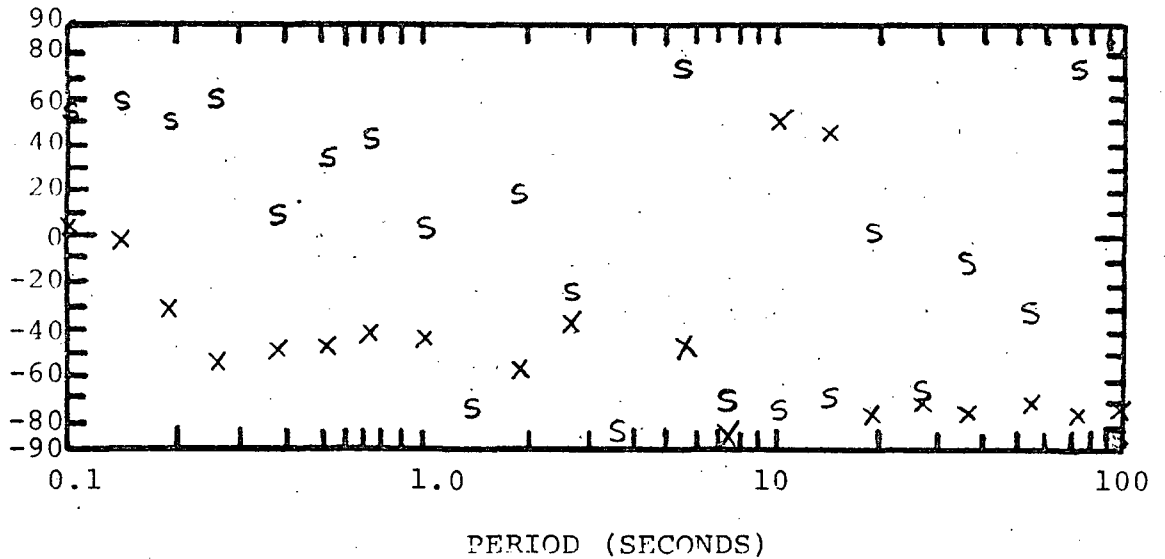
STATION B9



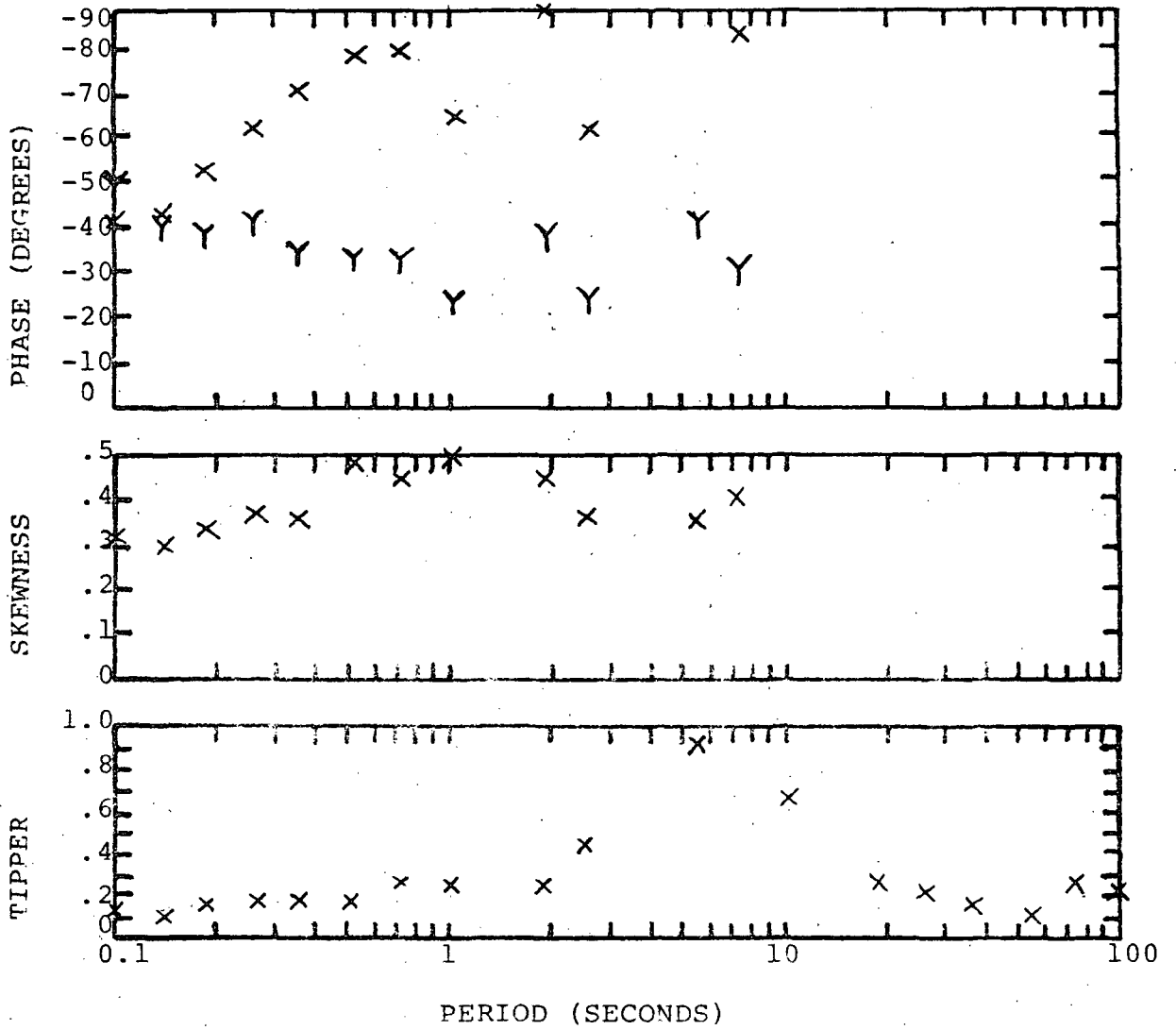
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



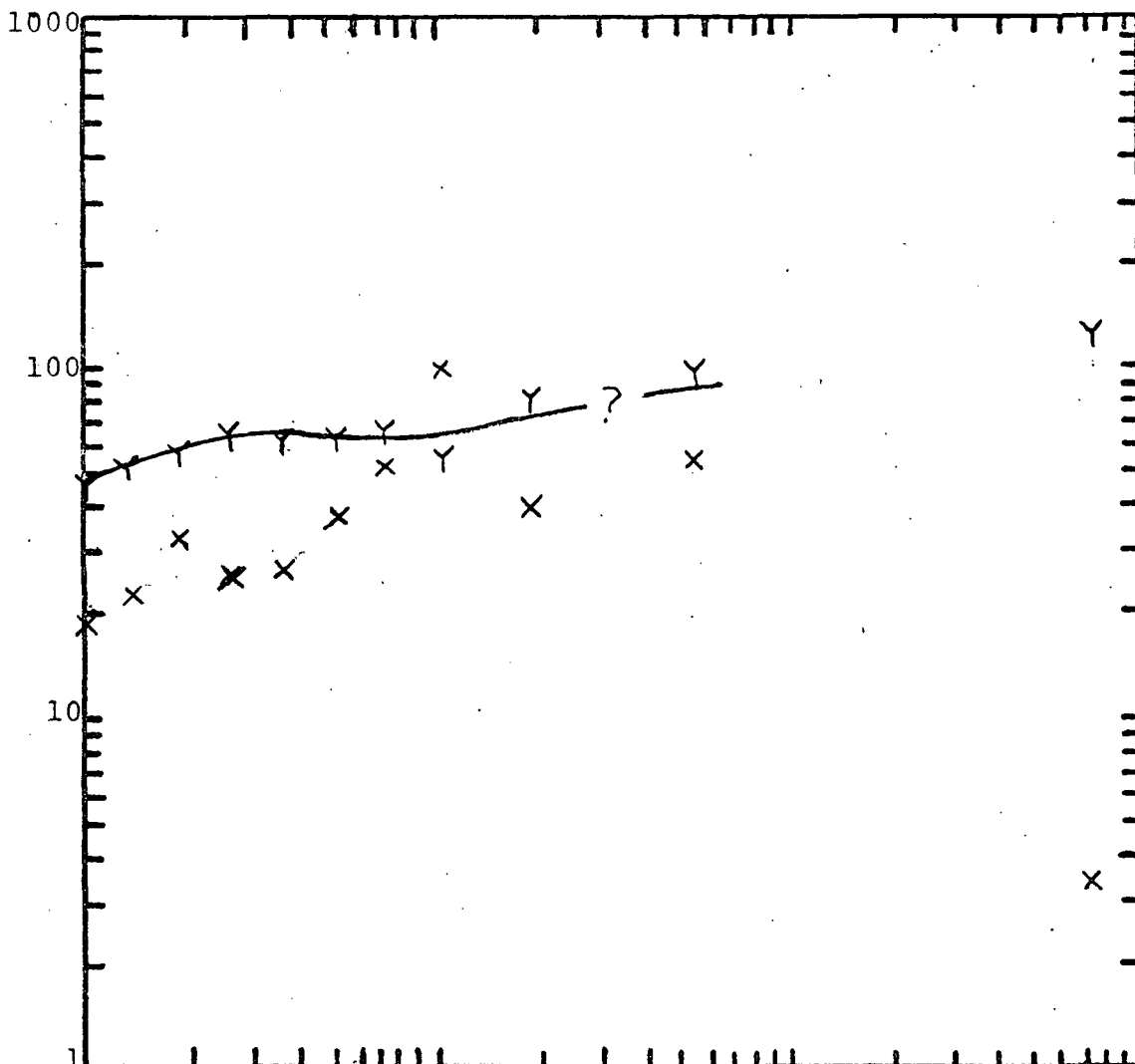
ROTATION ANGLE
STRIKE (S); AXES (X)



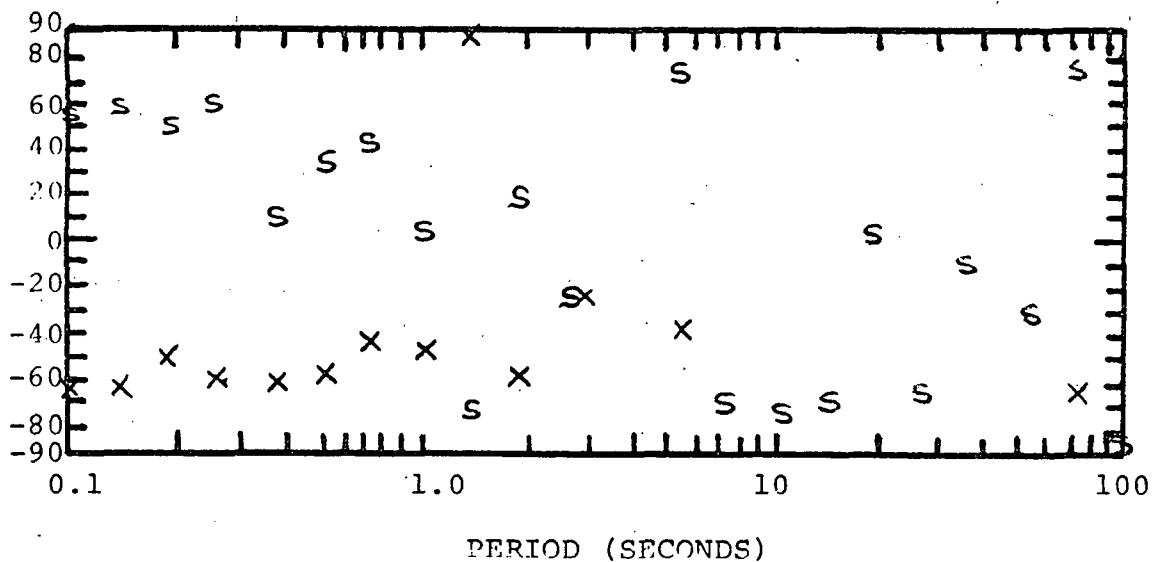
MCCOY, NEVADA
 STATION M10



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

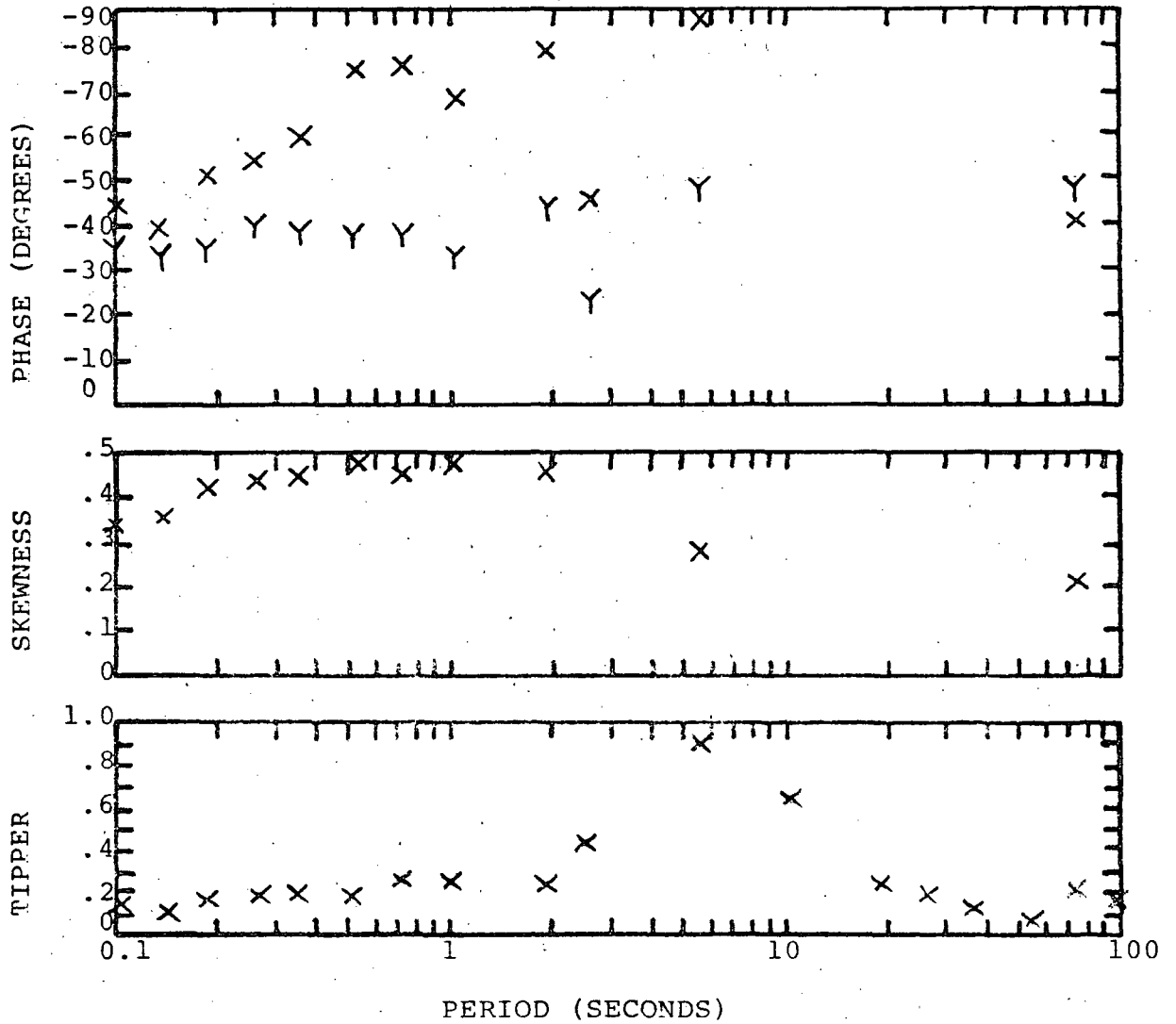


ROTATION ANGLE
STRIKE (S); AXES (X)

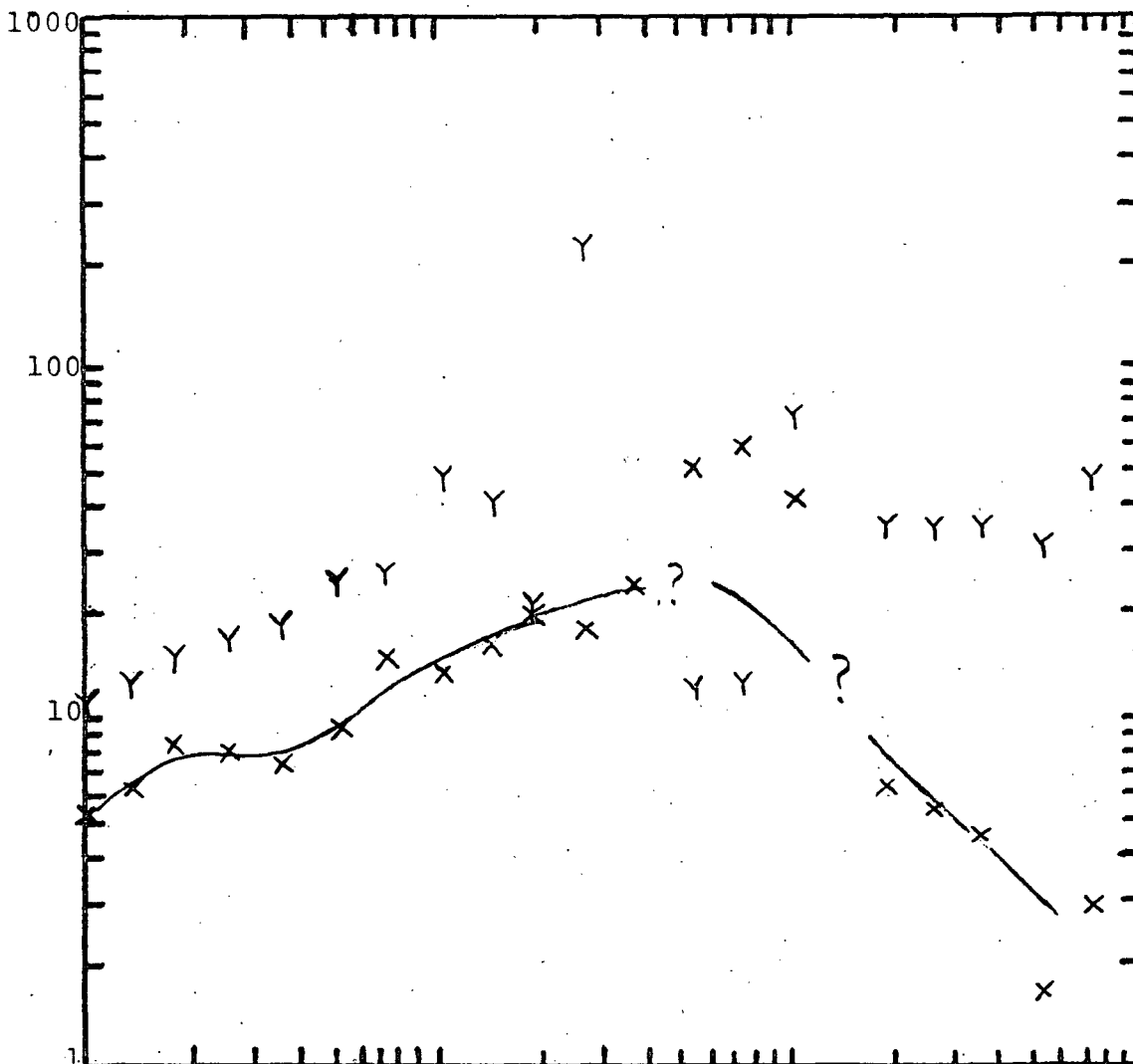


McCOY, NEVADA

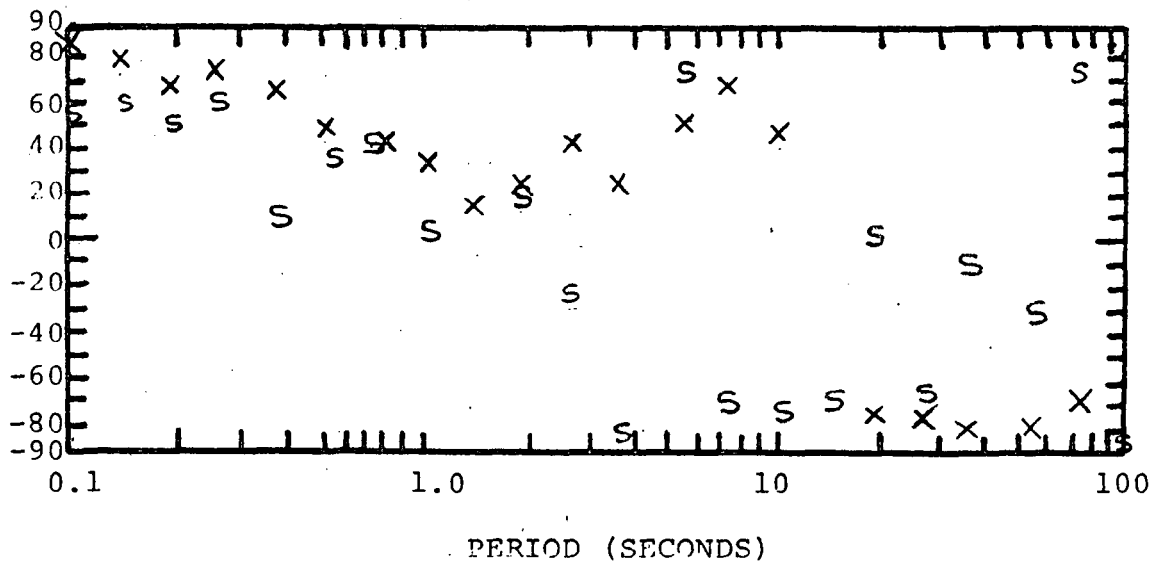
STATION A10



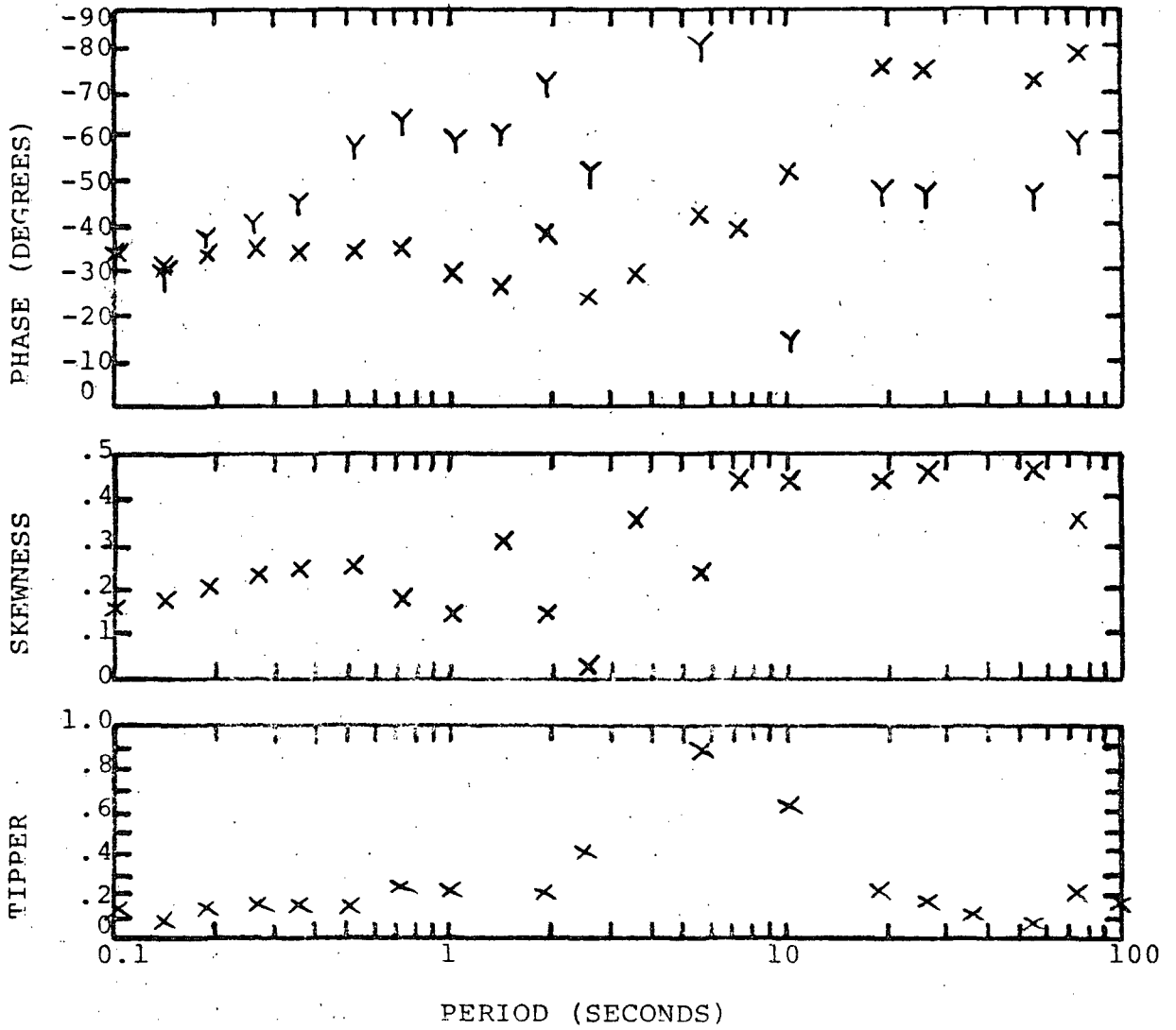
ROTATED APPARENT RESISTIVITY (OHM-METERS)
 X AXIS (X); Y AXIS (Y)



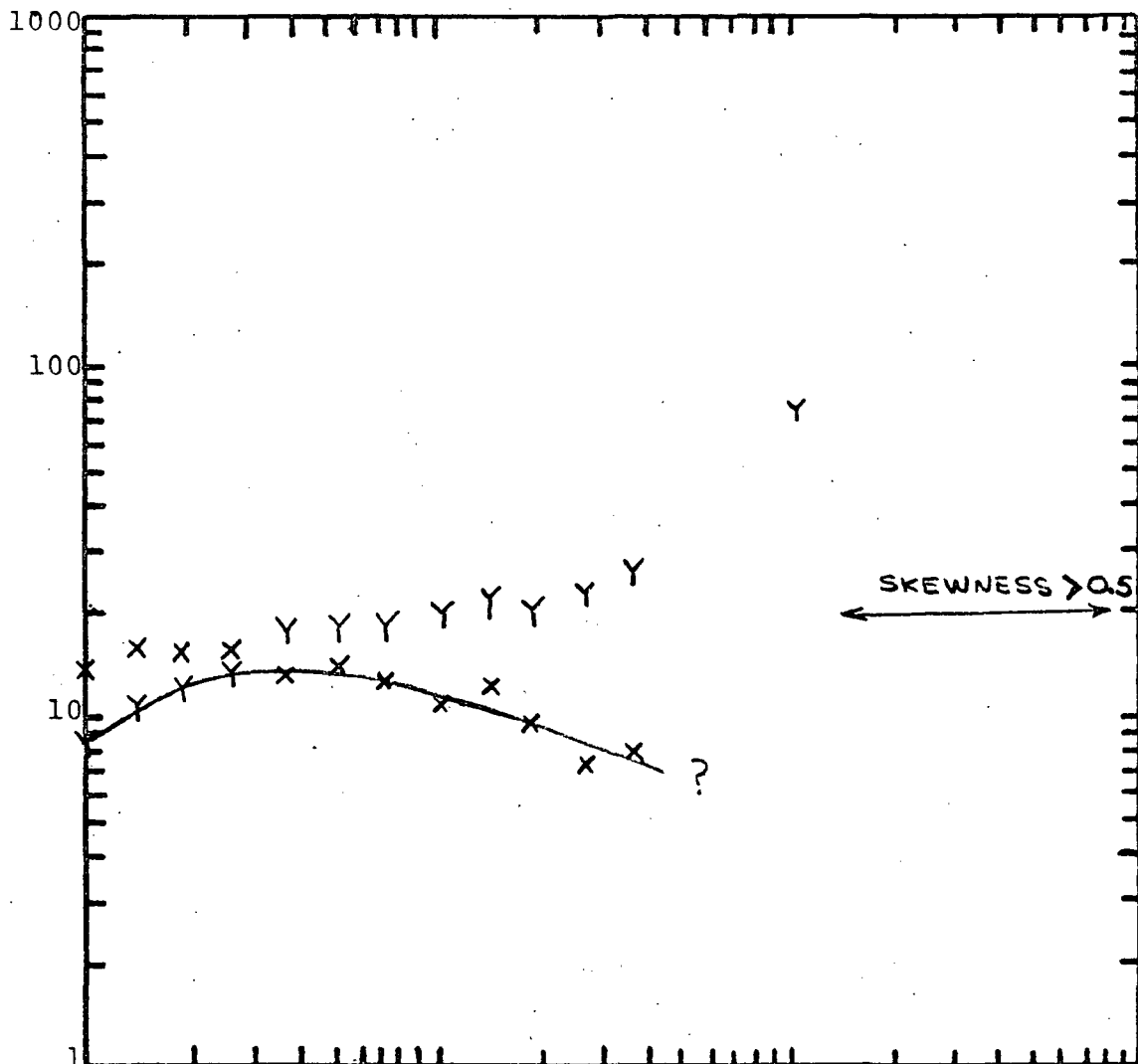
ROTATION ANGLE
 STRIKE (S); EXES (X)



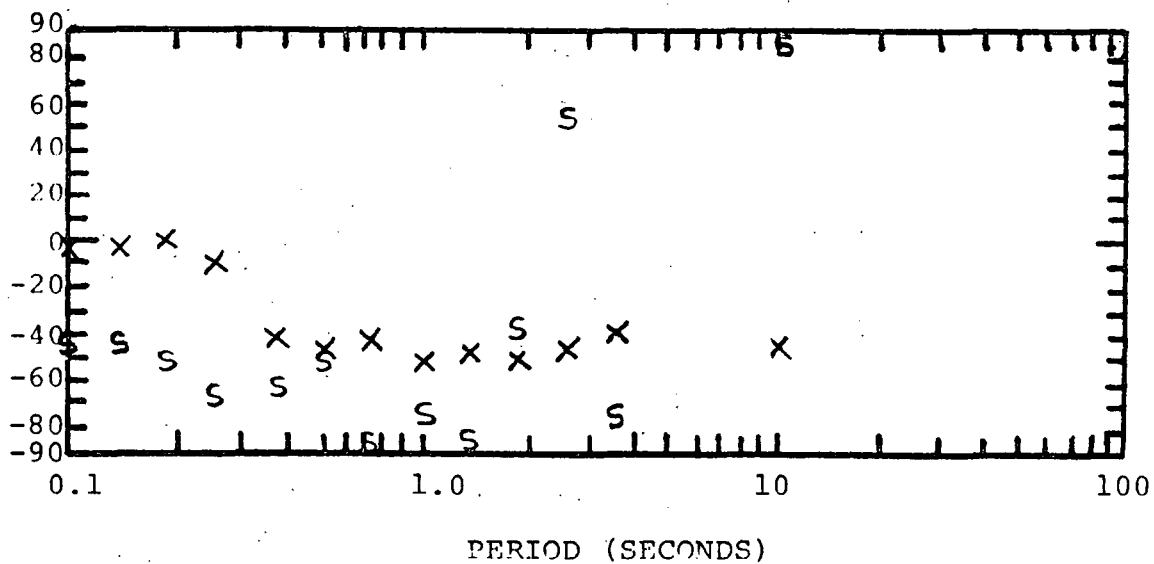
McCOY, NEVADA
 STATION : B10



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

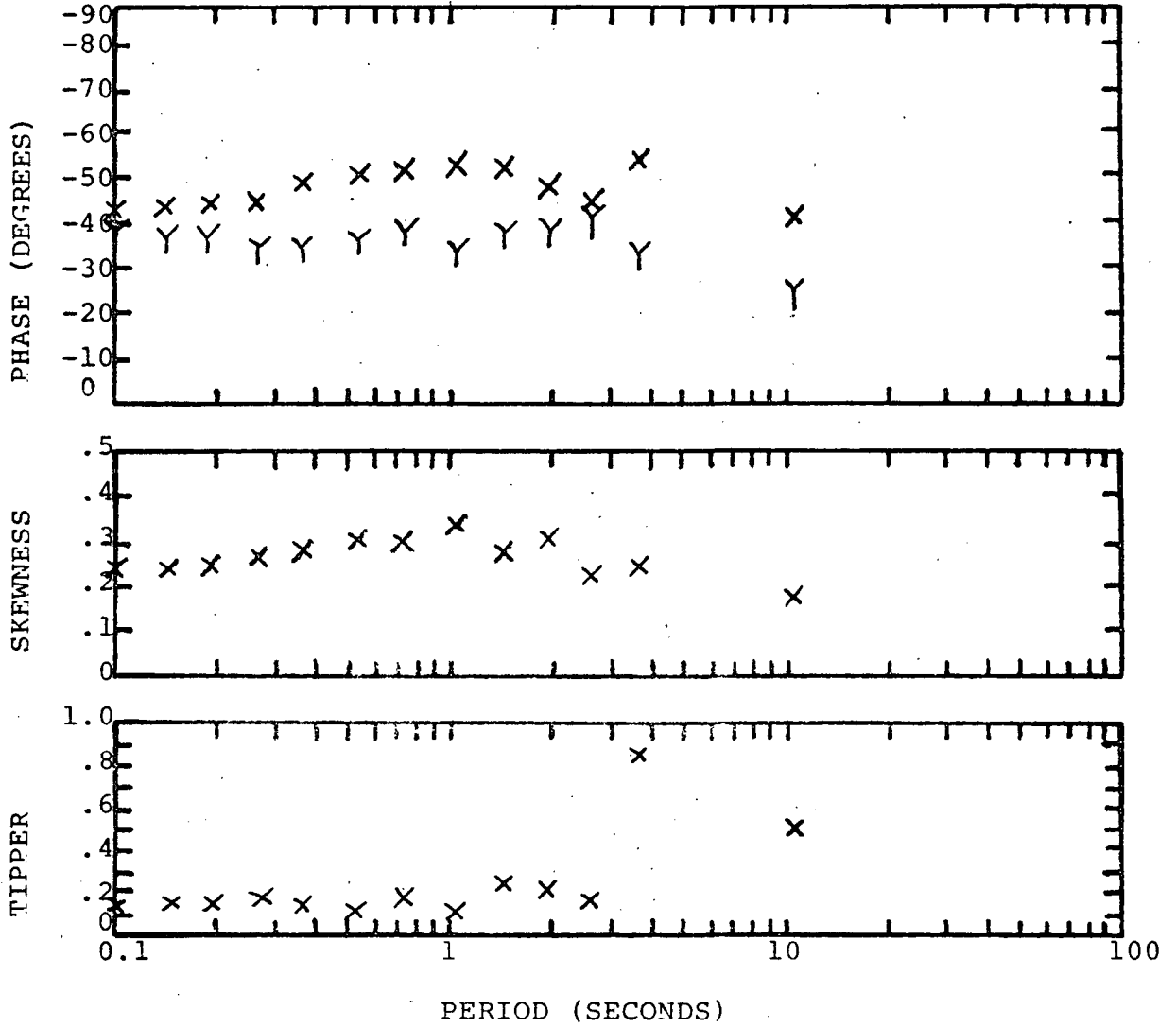


ROTATION ANGLE
STRIKE (S); AXES (X)

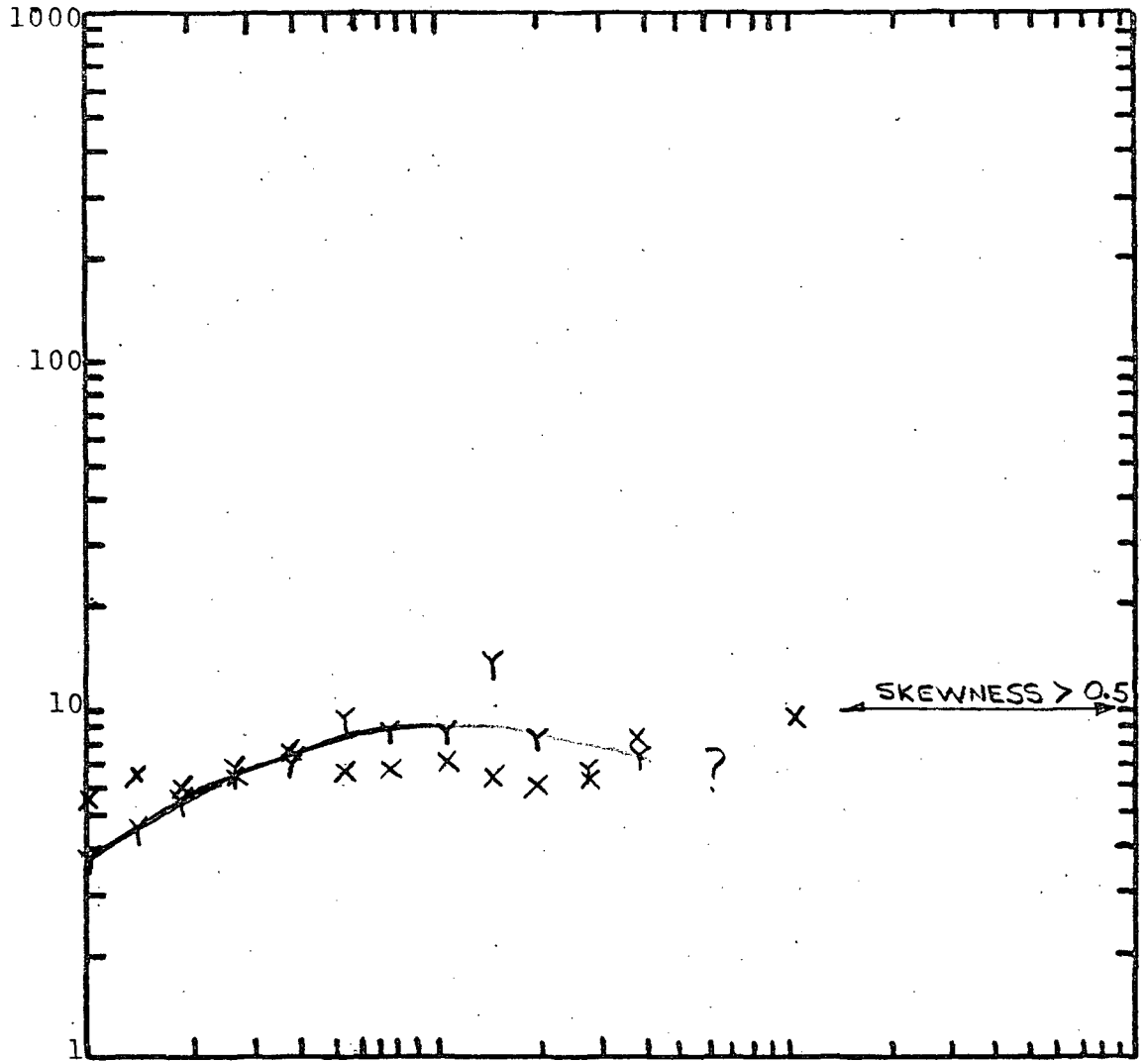


McCOY, NEVADA

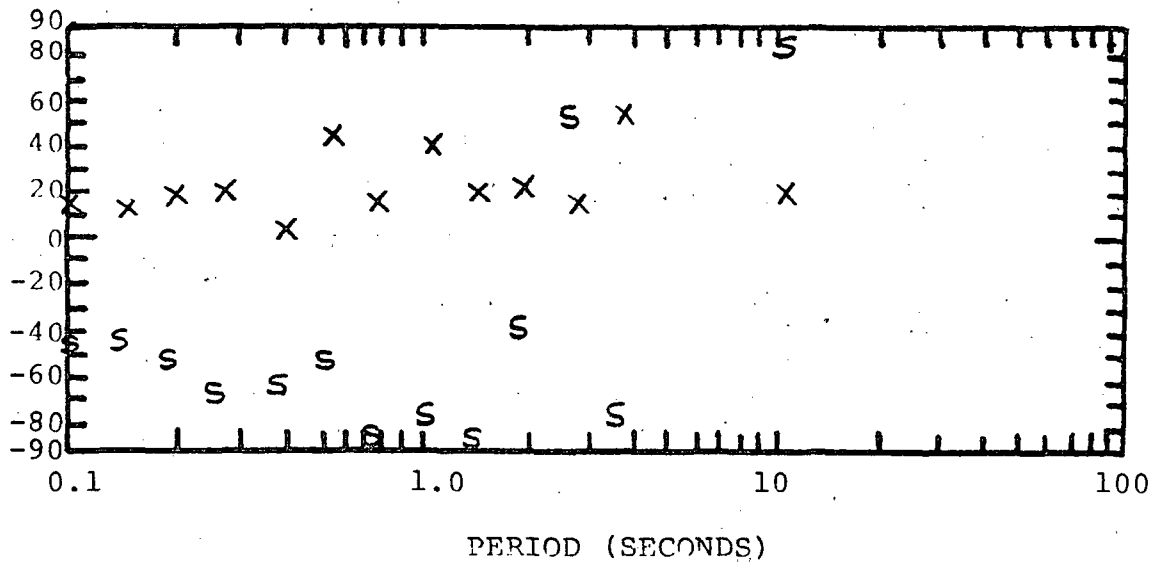
STATION MII



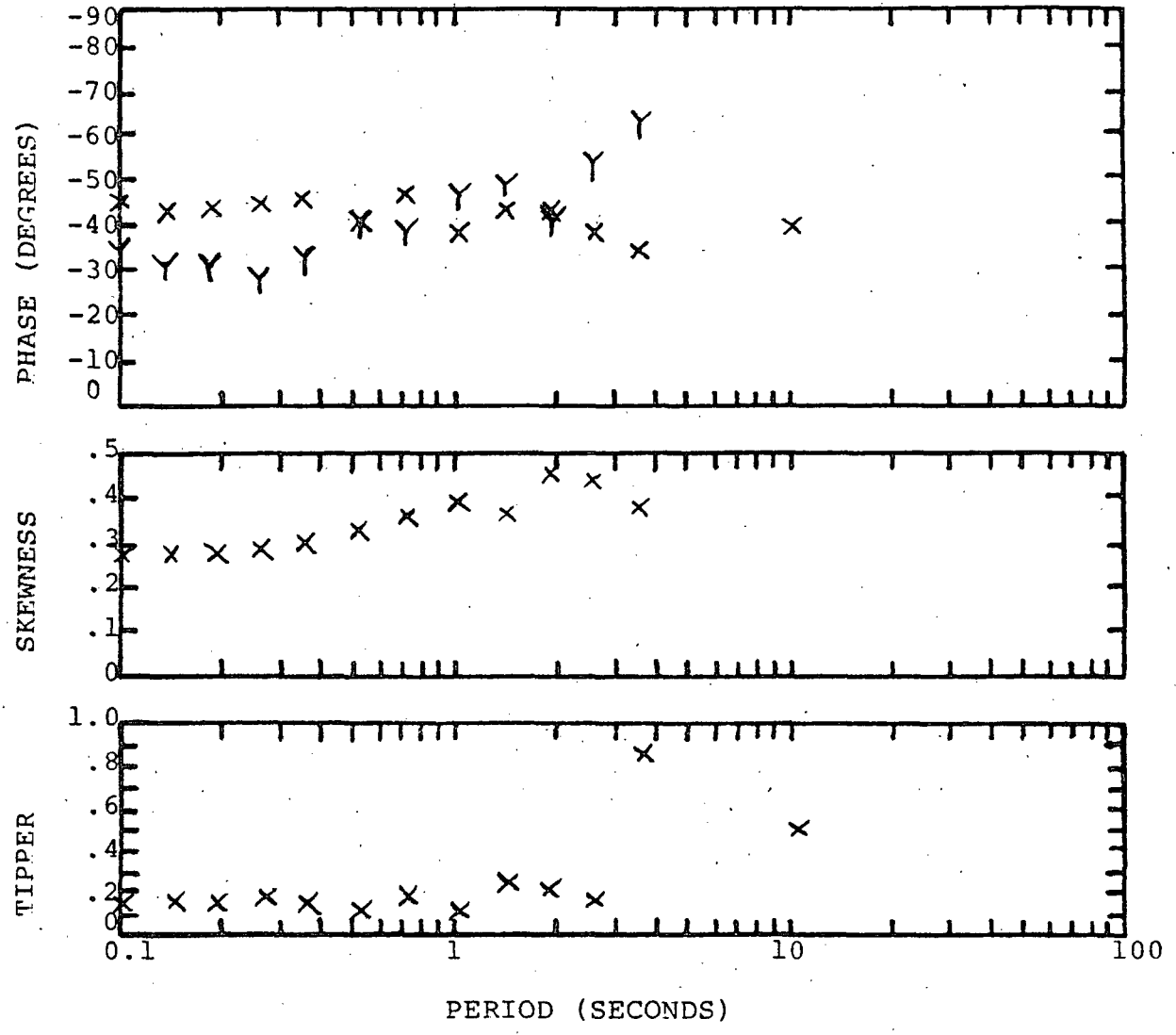
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

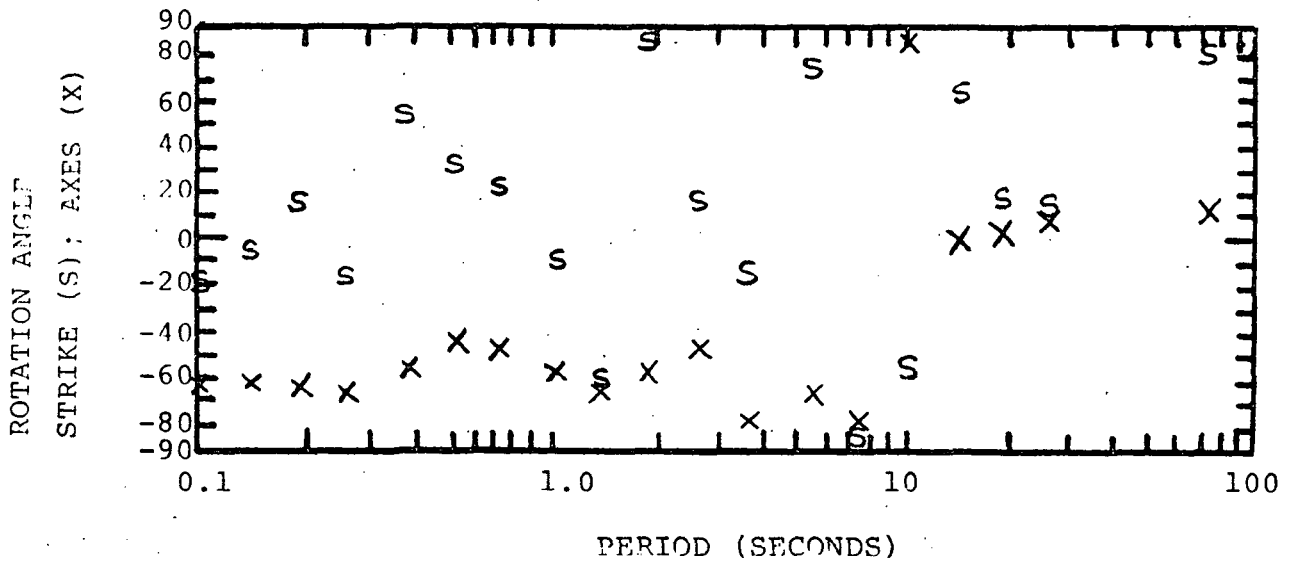
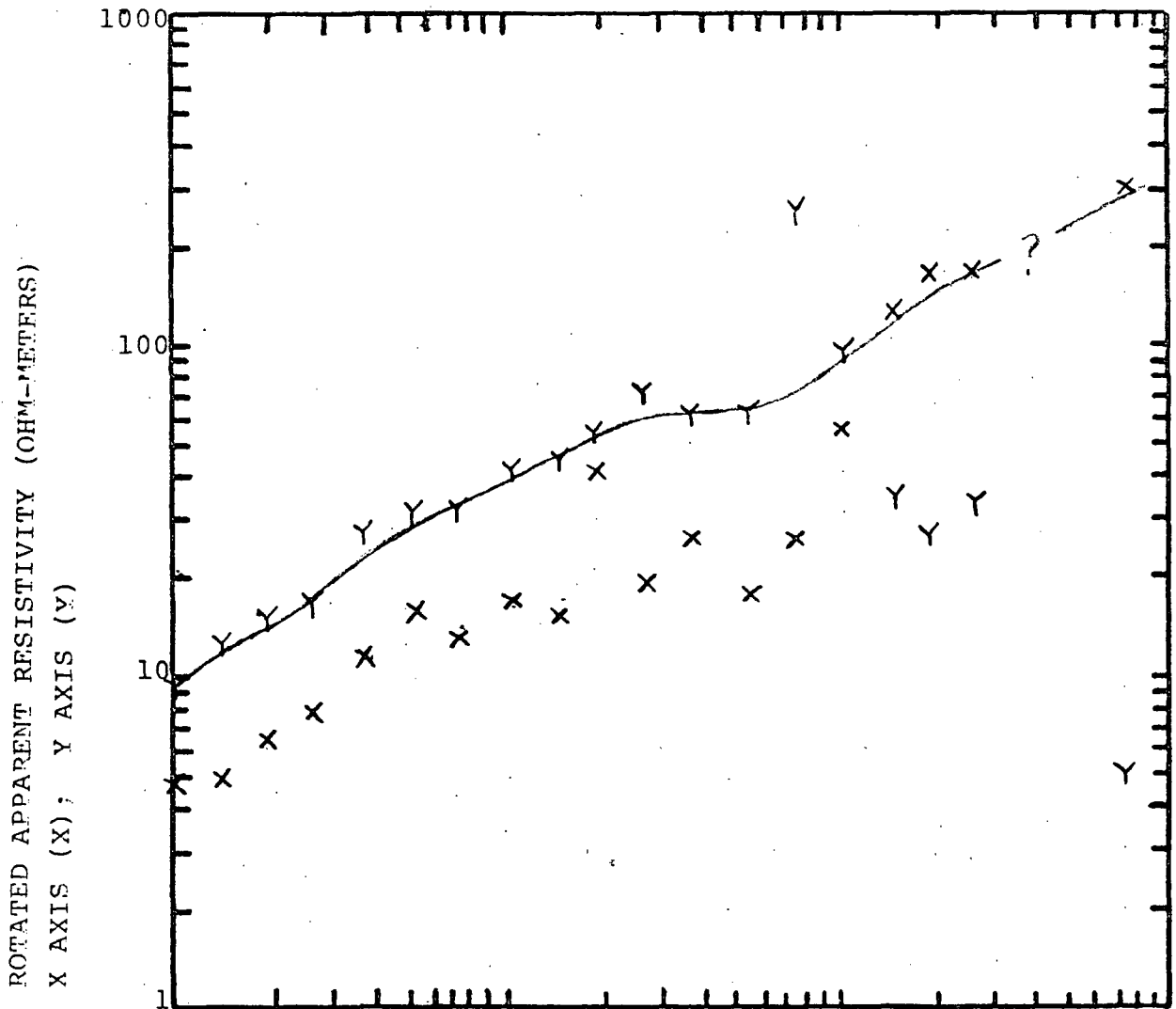


ROTATION ANGLE
STRIKE (S); AXES (X)

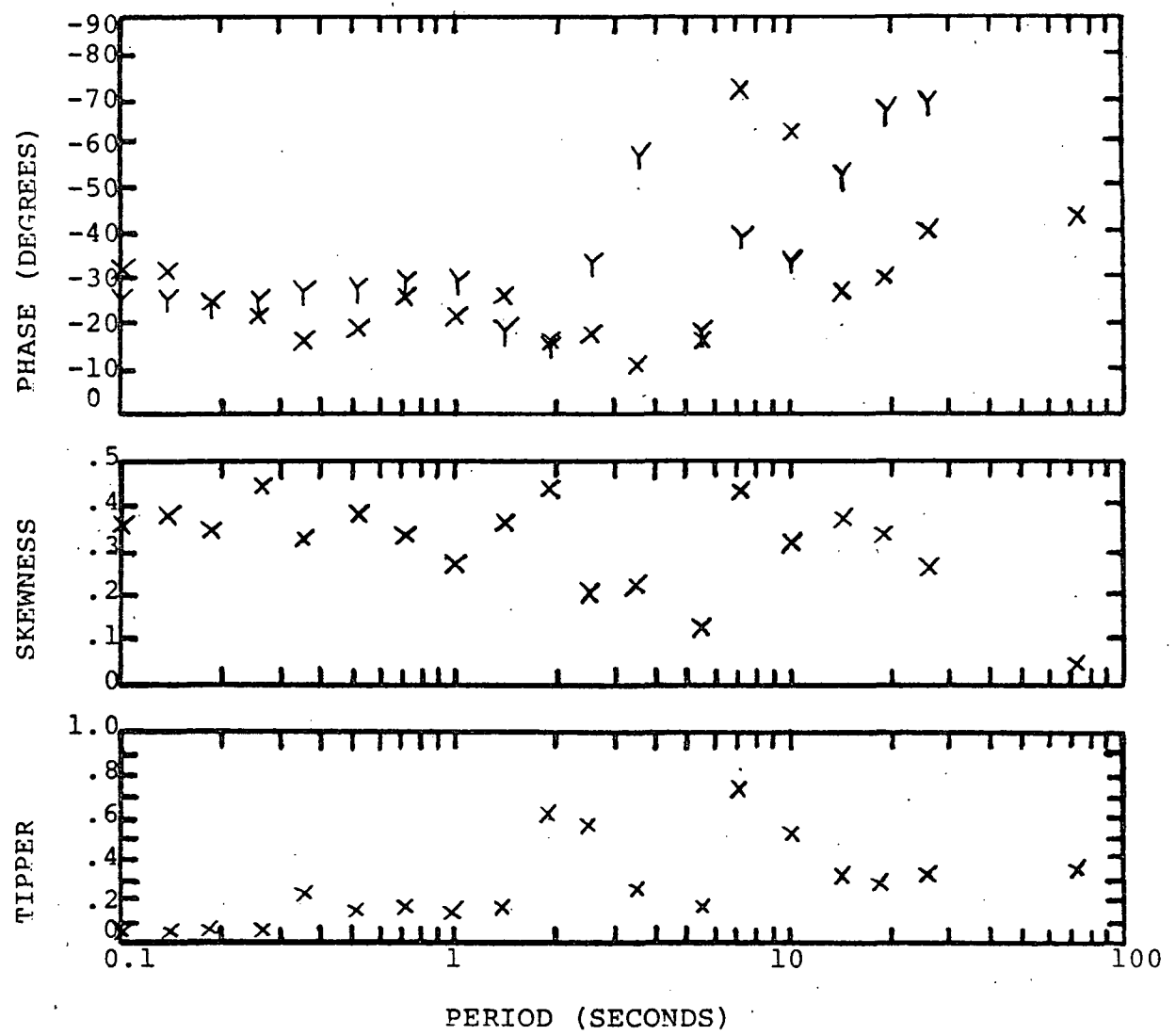


McCOY, NEVADA
STATION All





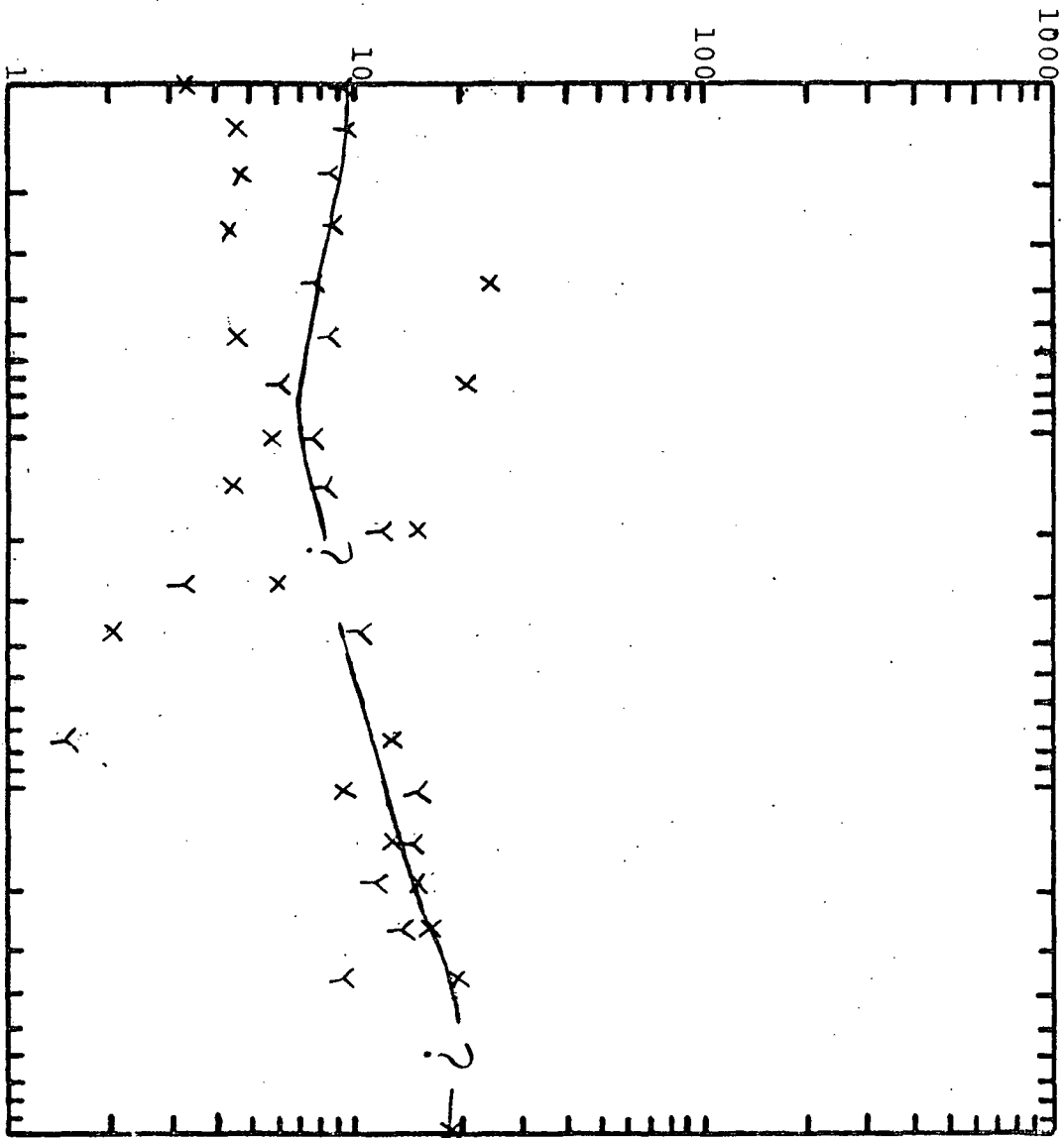
MCCOY, NEVADA
STATION M12



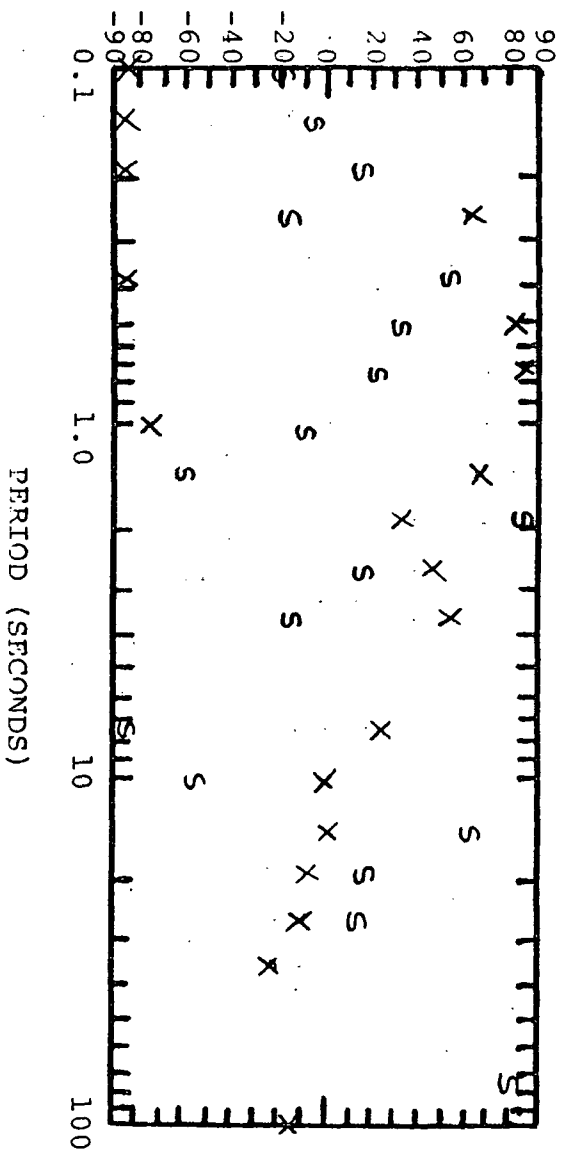
PROSPECT MCCOY, NEVADA
STATION A12

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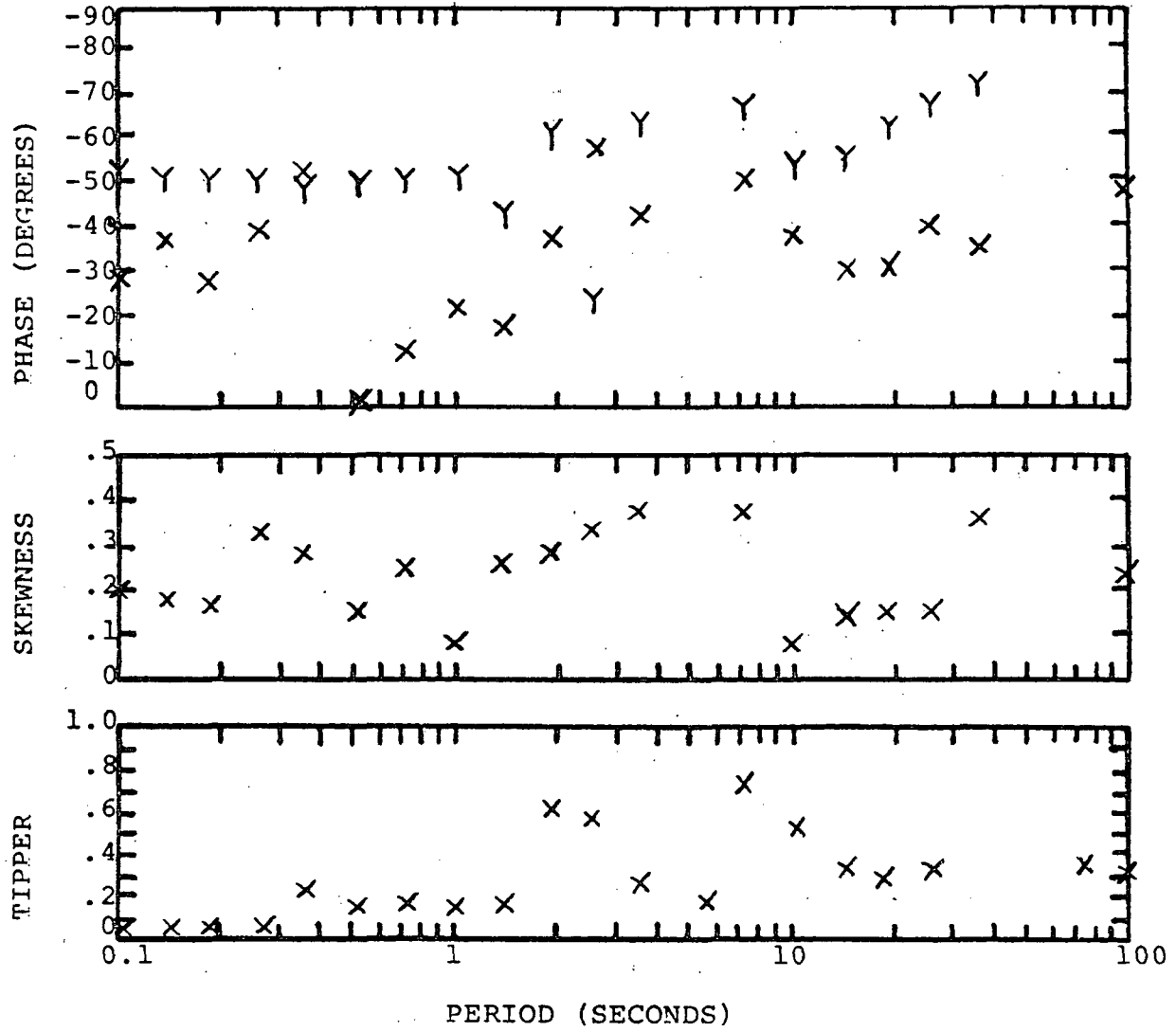
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



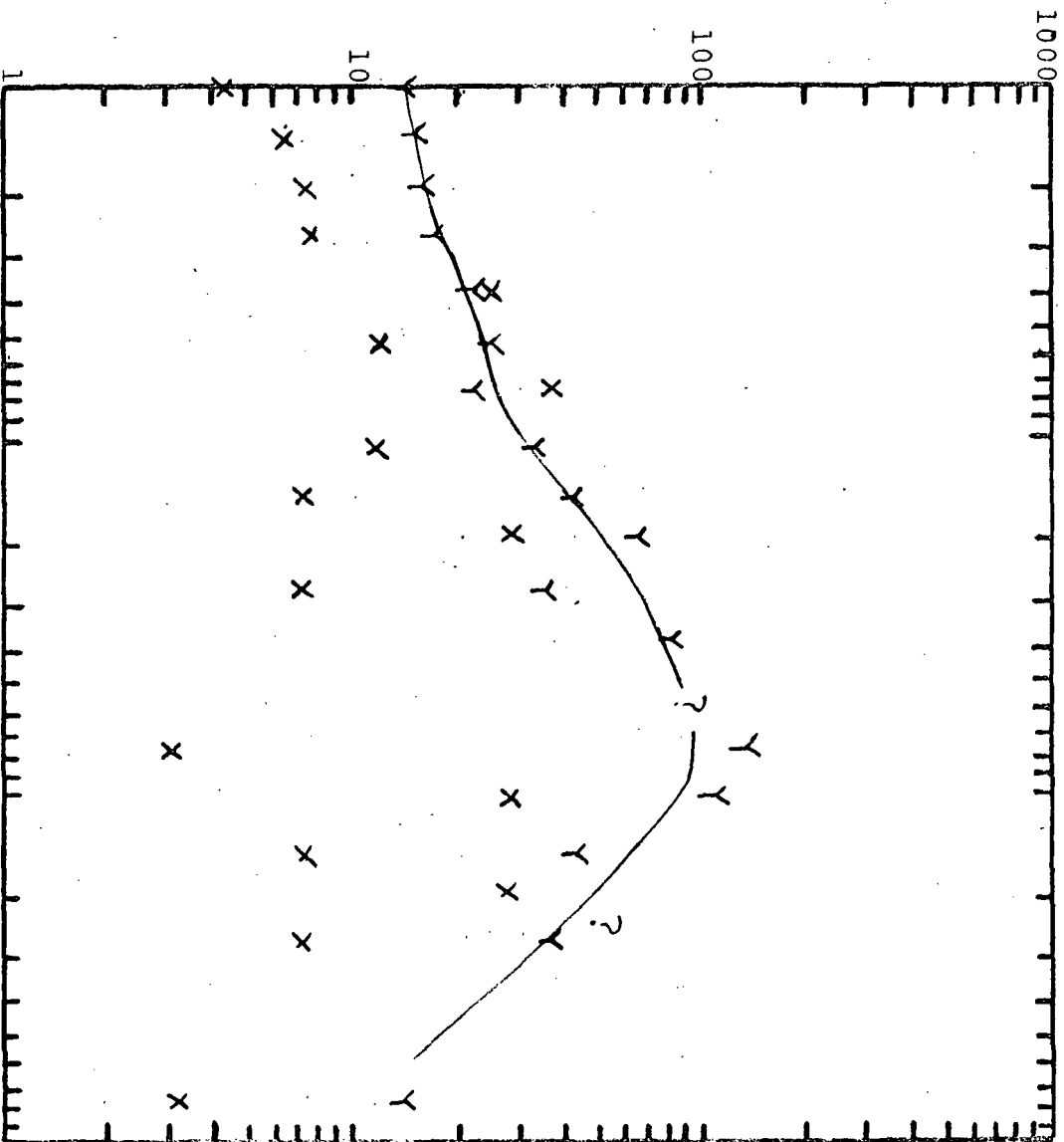
ROTATION ANGLE
STRIKE (S); AXES (X)



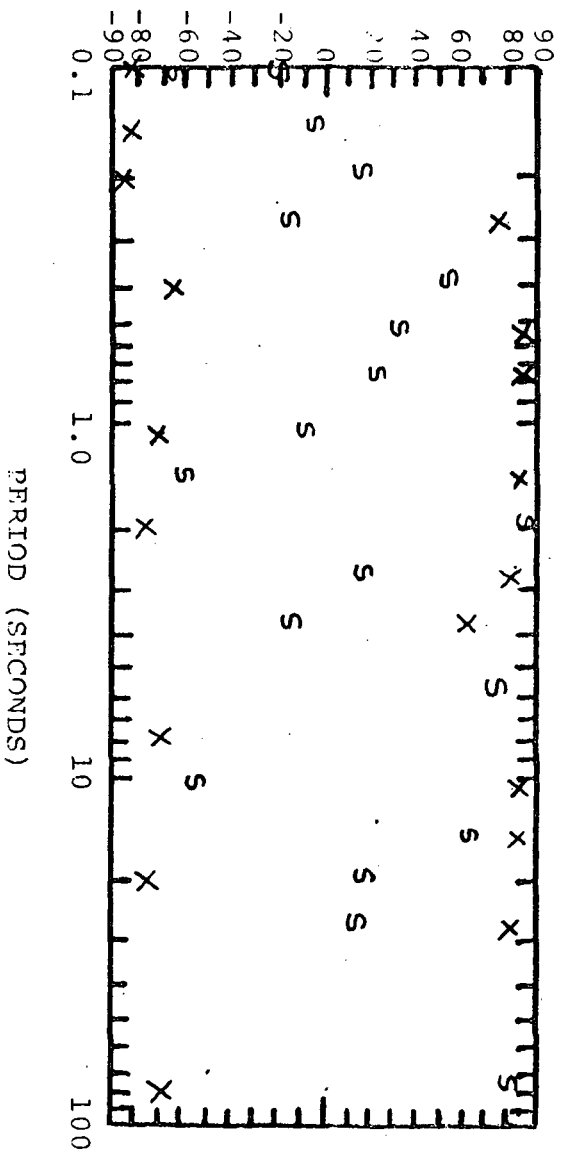
McCOY, NEVADA
STATION A12



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



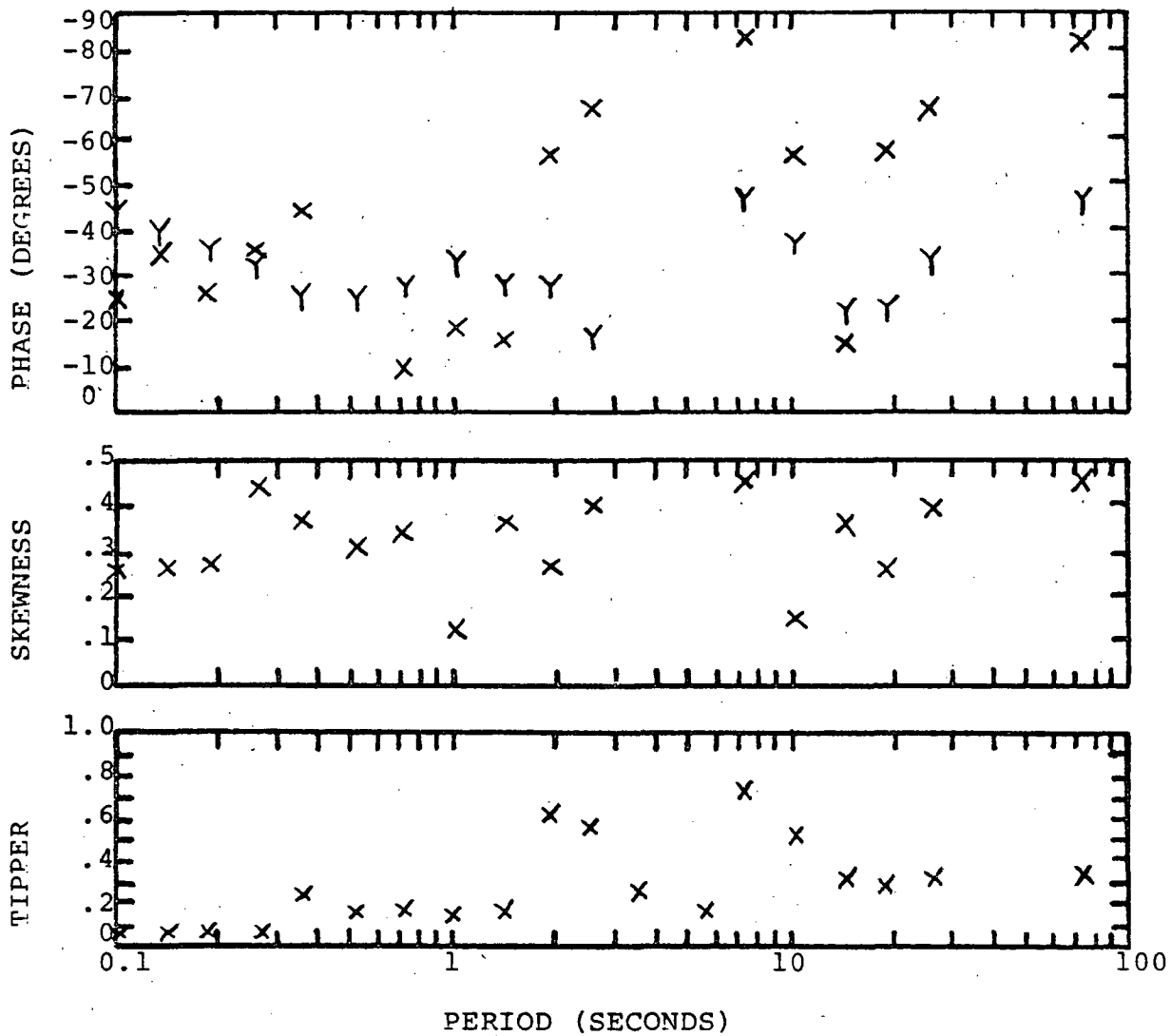
ROTATION ANGLE
 STRIKE (S); AXES (X)



PERIOD (SECONDS)

McCOY, NEVADA

STATION B12

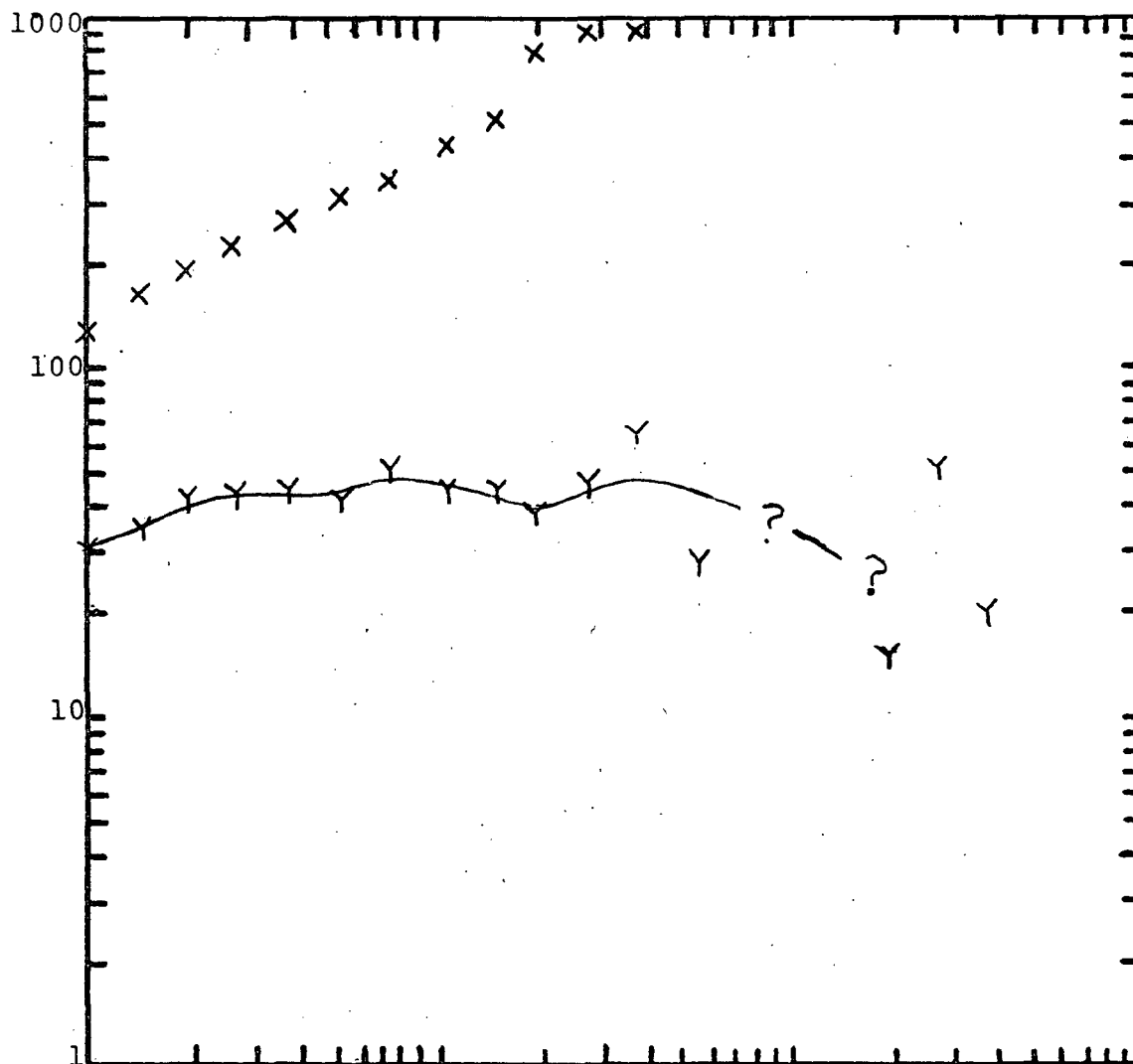


PROSPECT McCOY, NEVADA

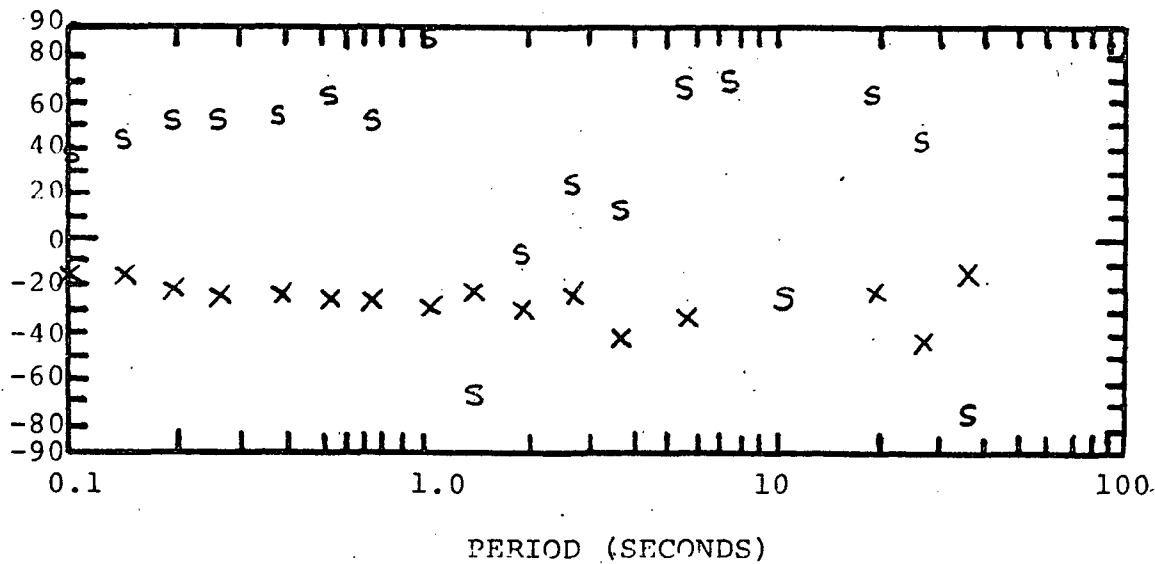
103

STATION M13

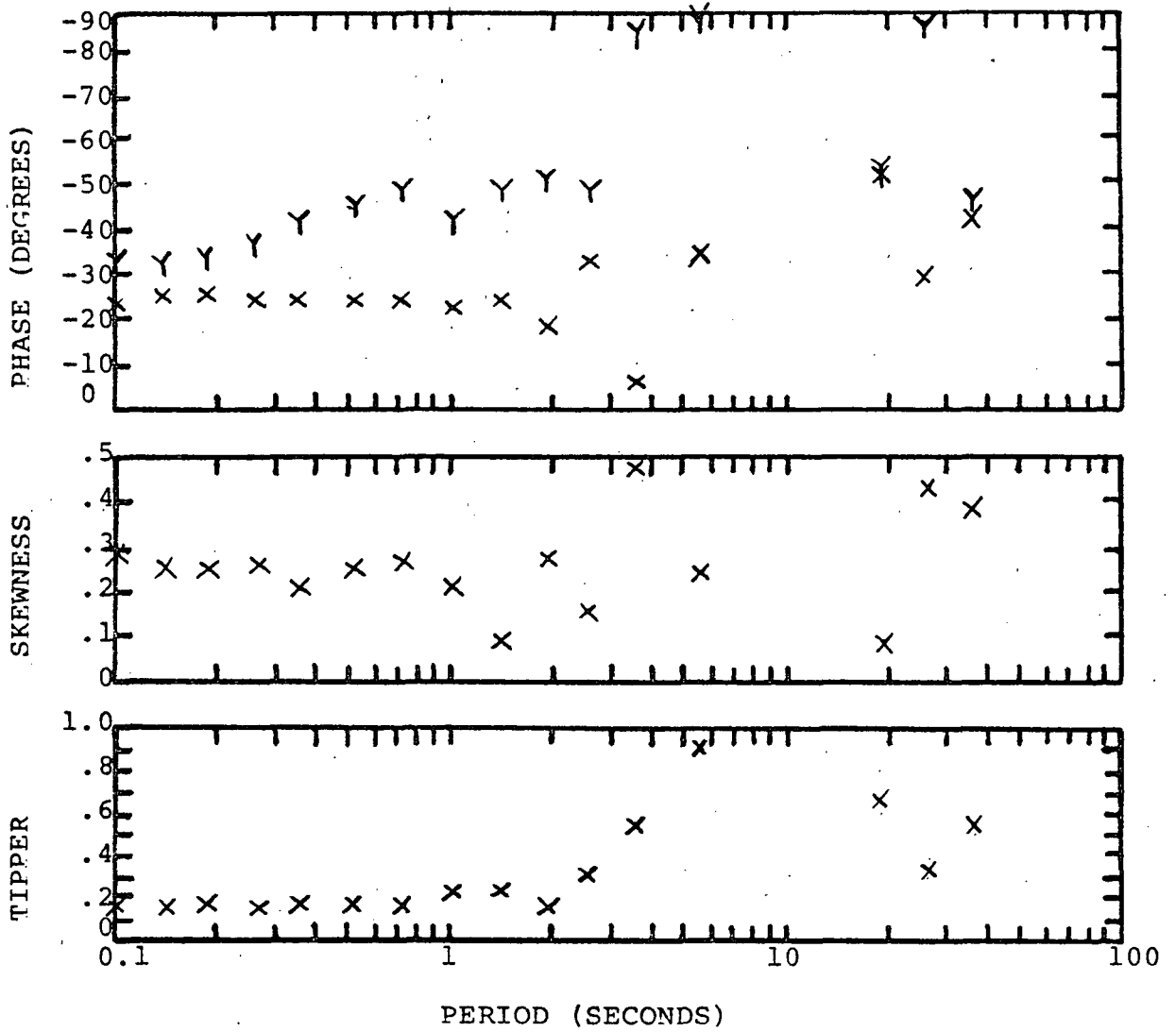
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)

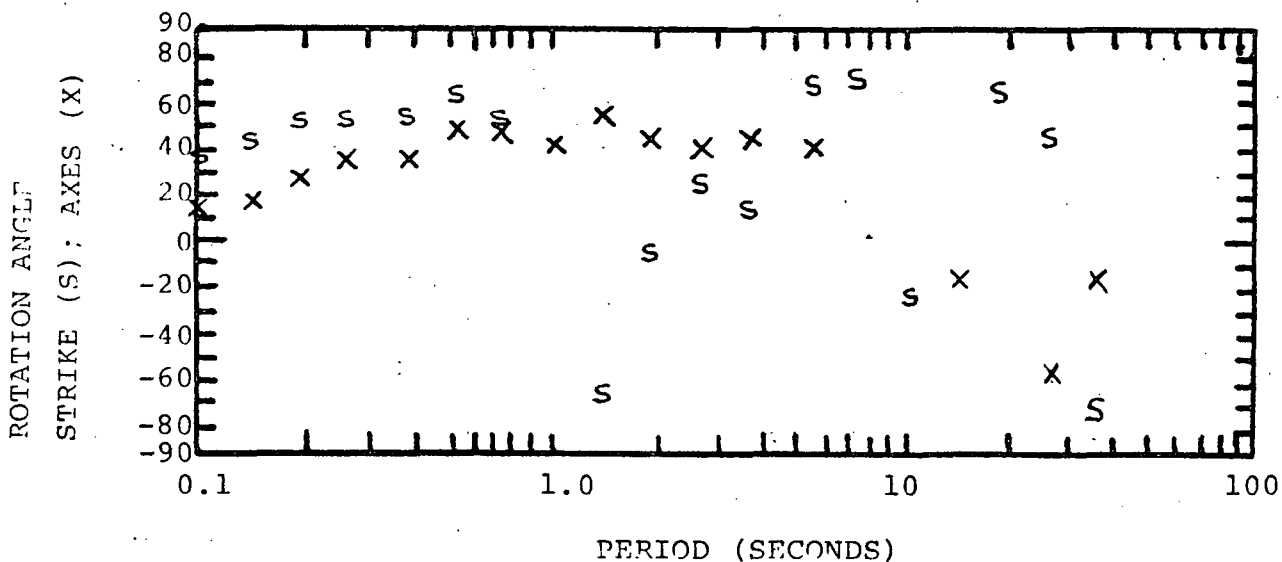
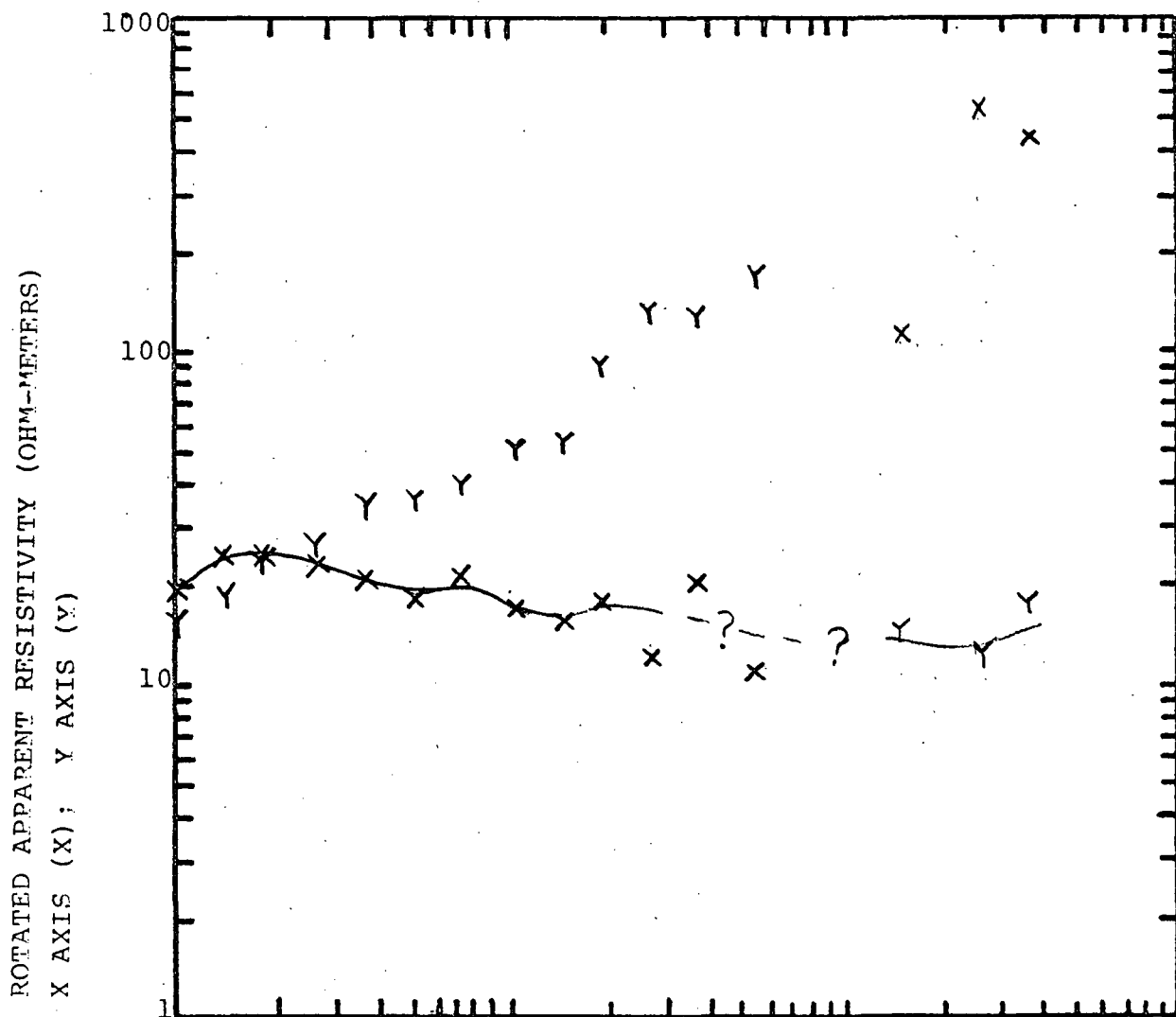


ROTATION ANGLE
STRIKE (S); AXES (X)



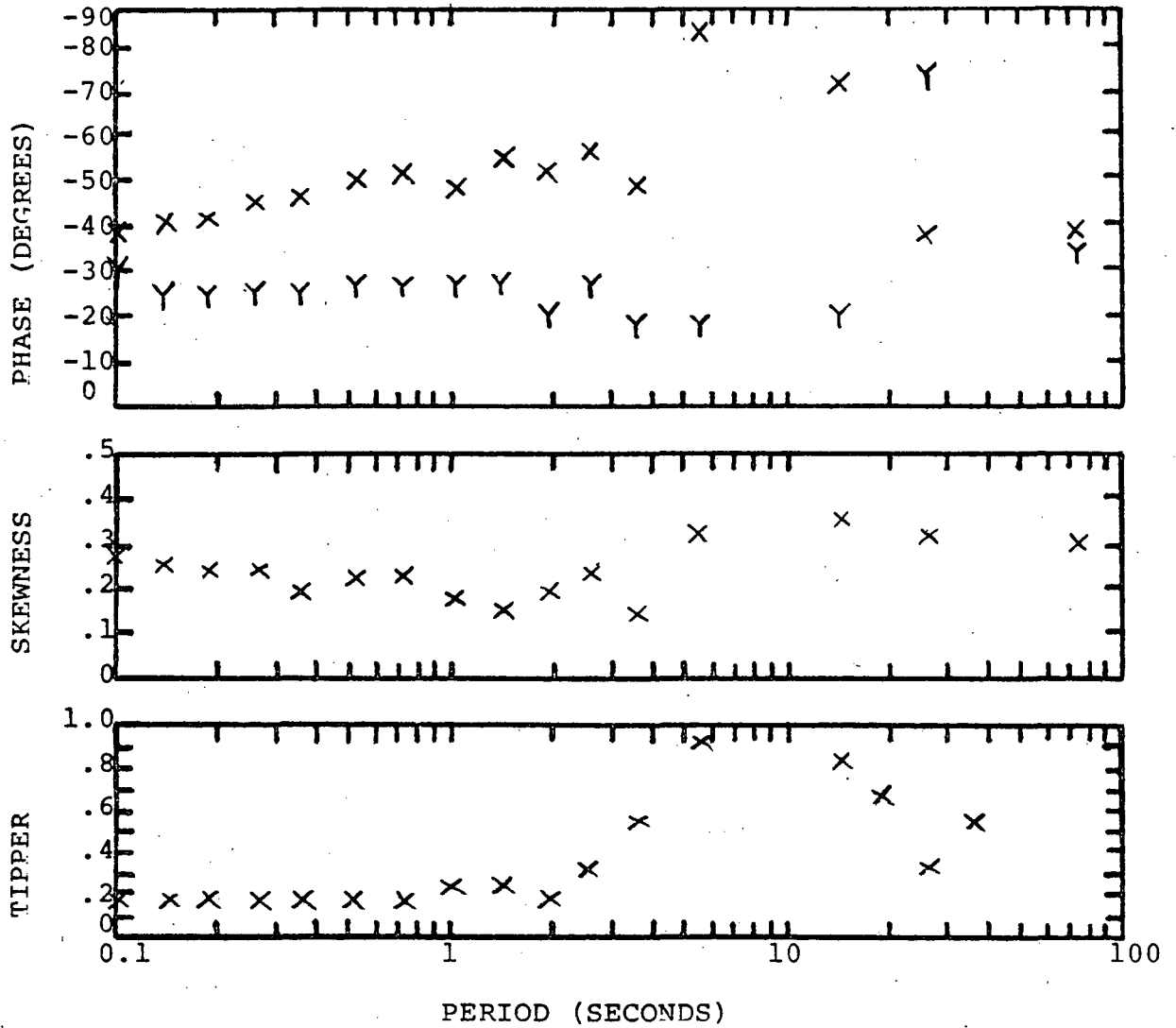
McCOY, NEVADA
STATION M13





McCOY, NEVADA

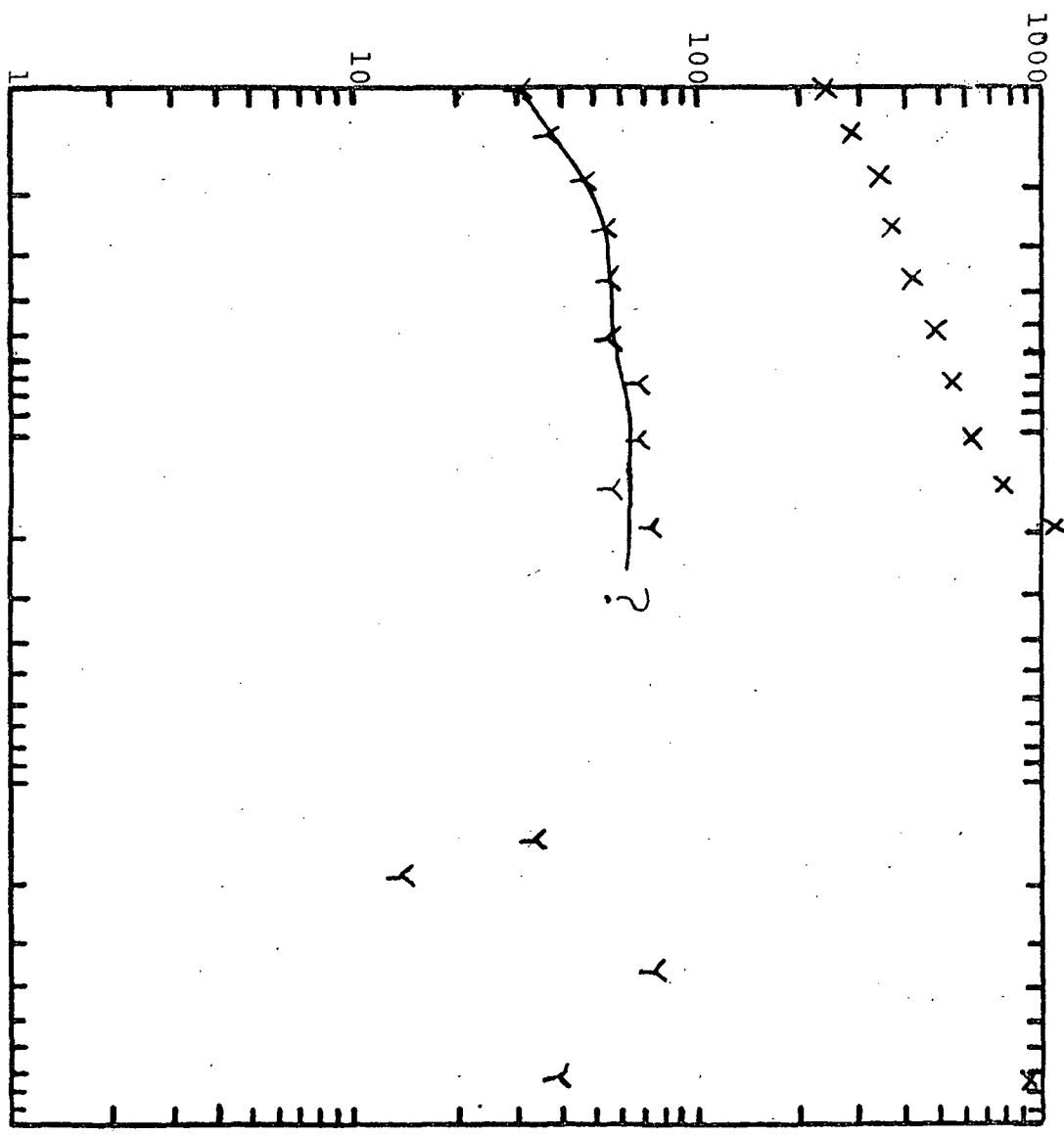
STATION A13



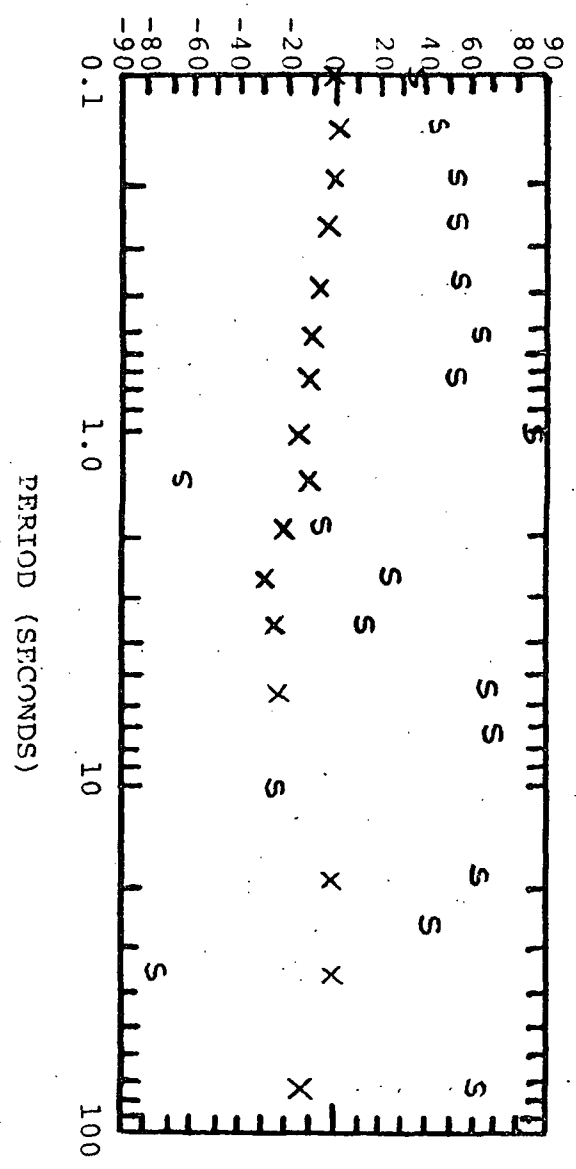
PROSPECT MCCOY, NEVADA
STATION B.13

X X X X 107

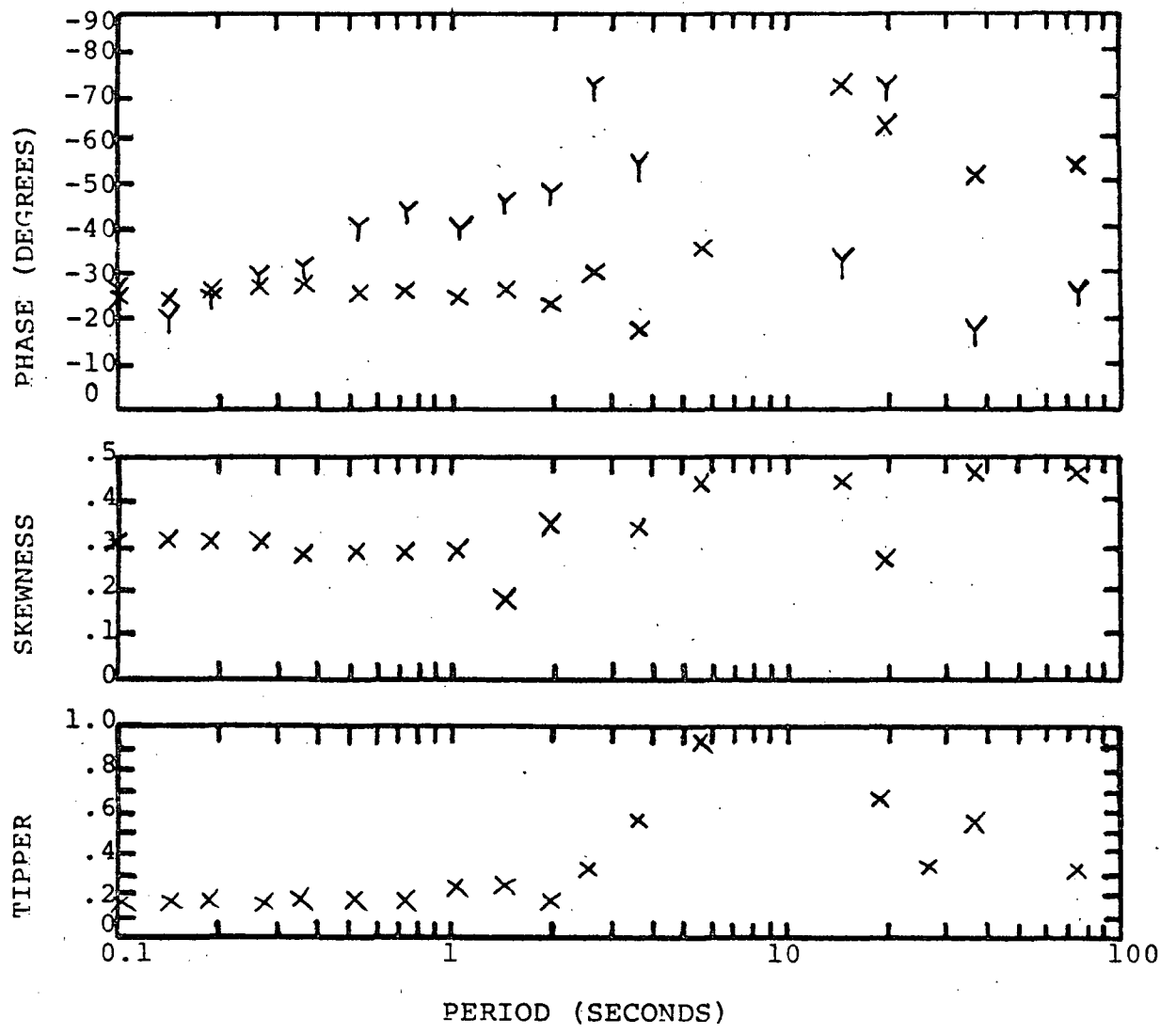
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



ROTATION ANGLE
STRIKE (S); AXES (X)

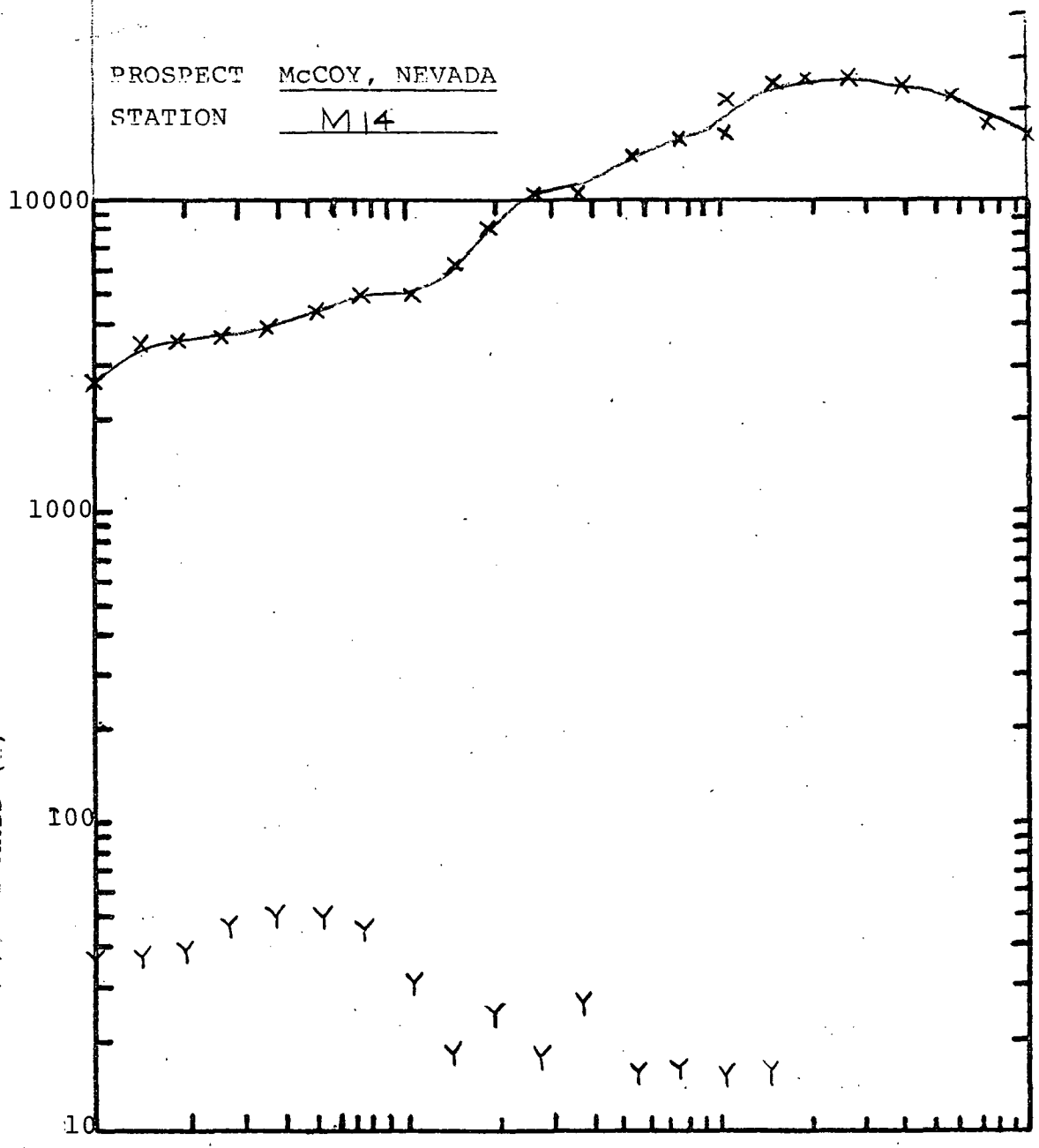


McCOY, NEVADA
STATION B13

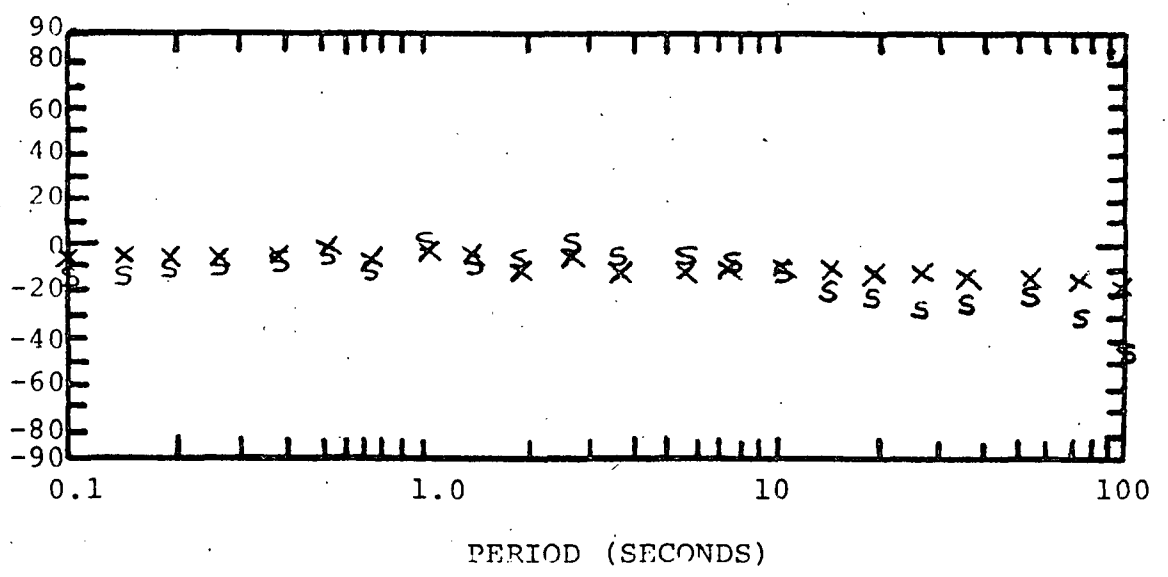


PROSPECT McCOY, NEVADA
STATION M14

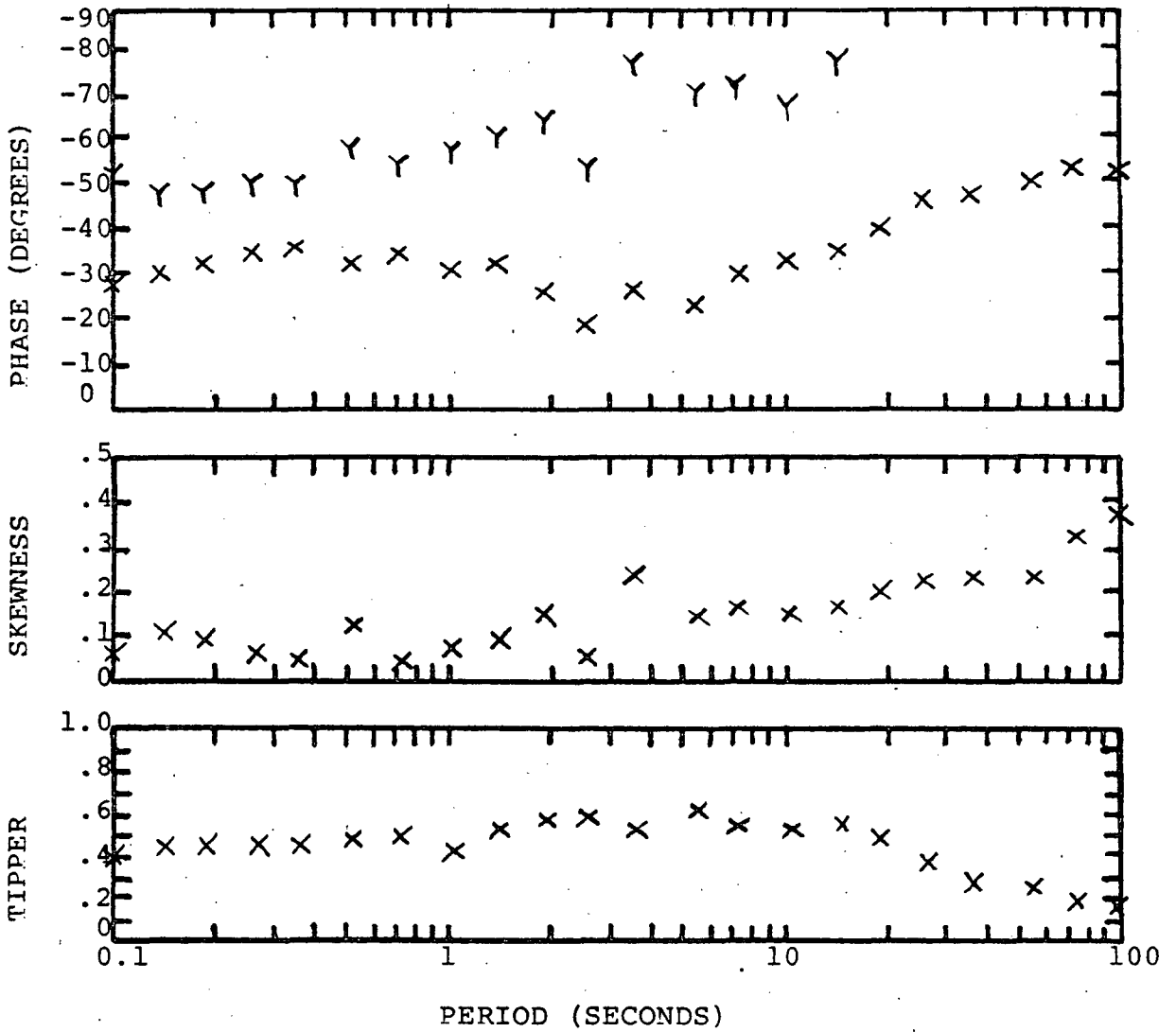
ROTATED APPARENT RESISTIVITY (OHM-METERS)
X AXIS (X); Y AXIS (Y)



ROTATION ANGLE
STRIKE (S); AXES (X)



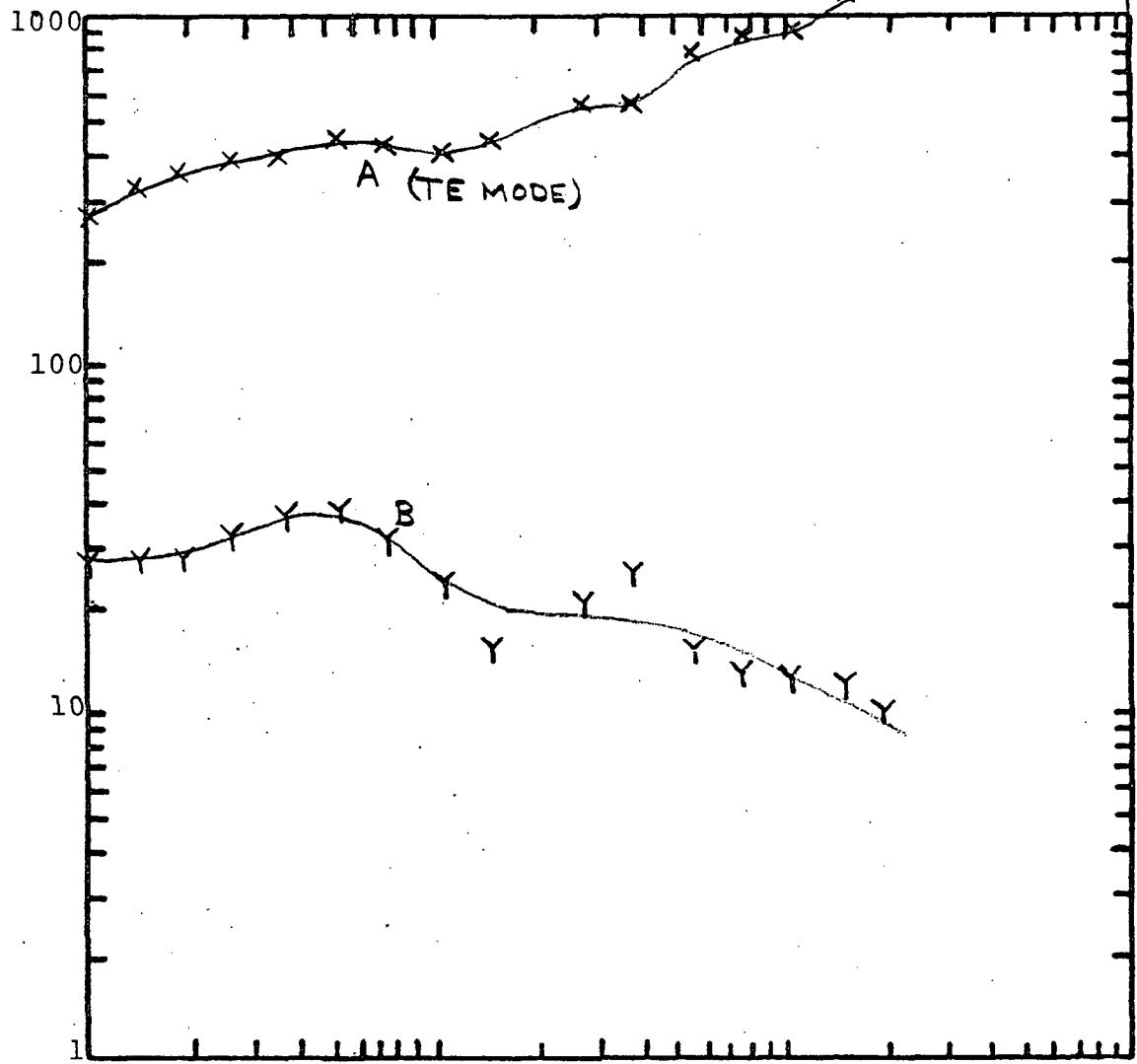
McCOY, NEVADA
STATION M14



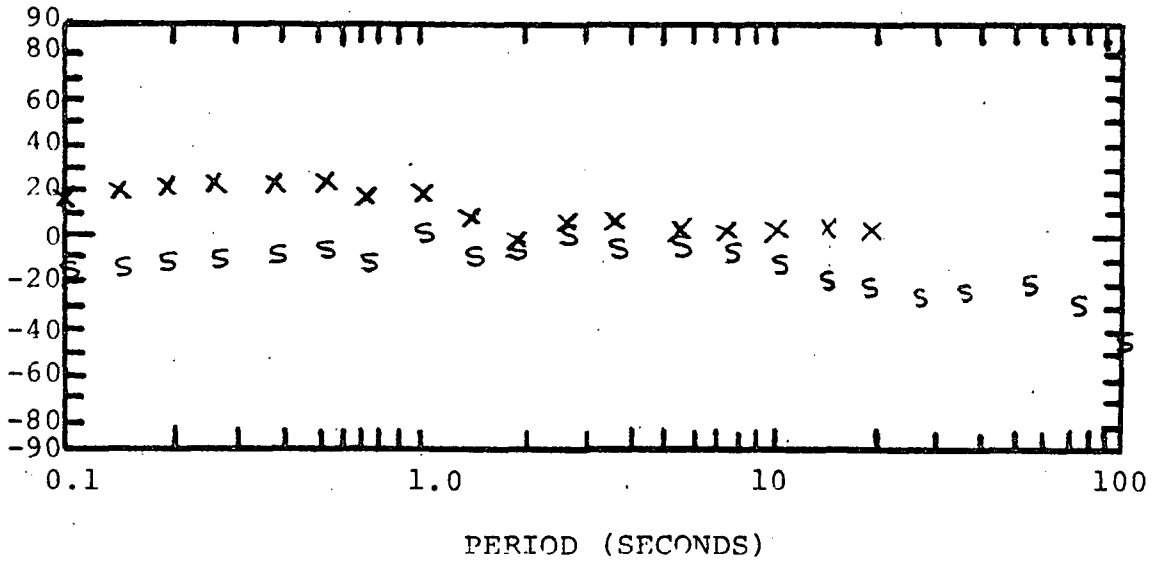
PROSPECT McCOY, NEVADA

STATION A14

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



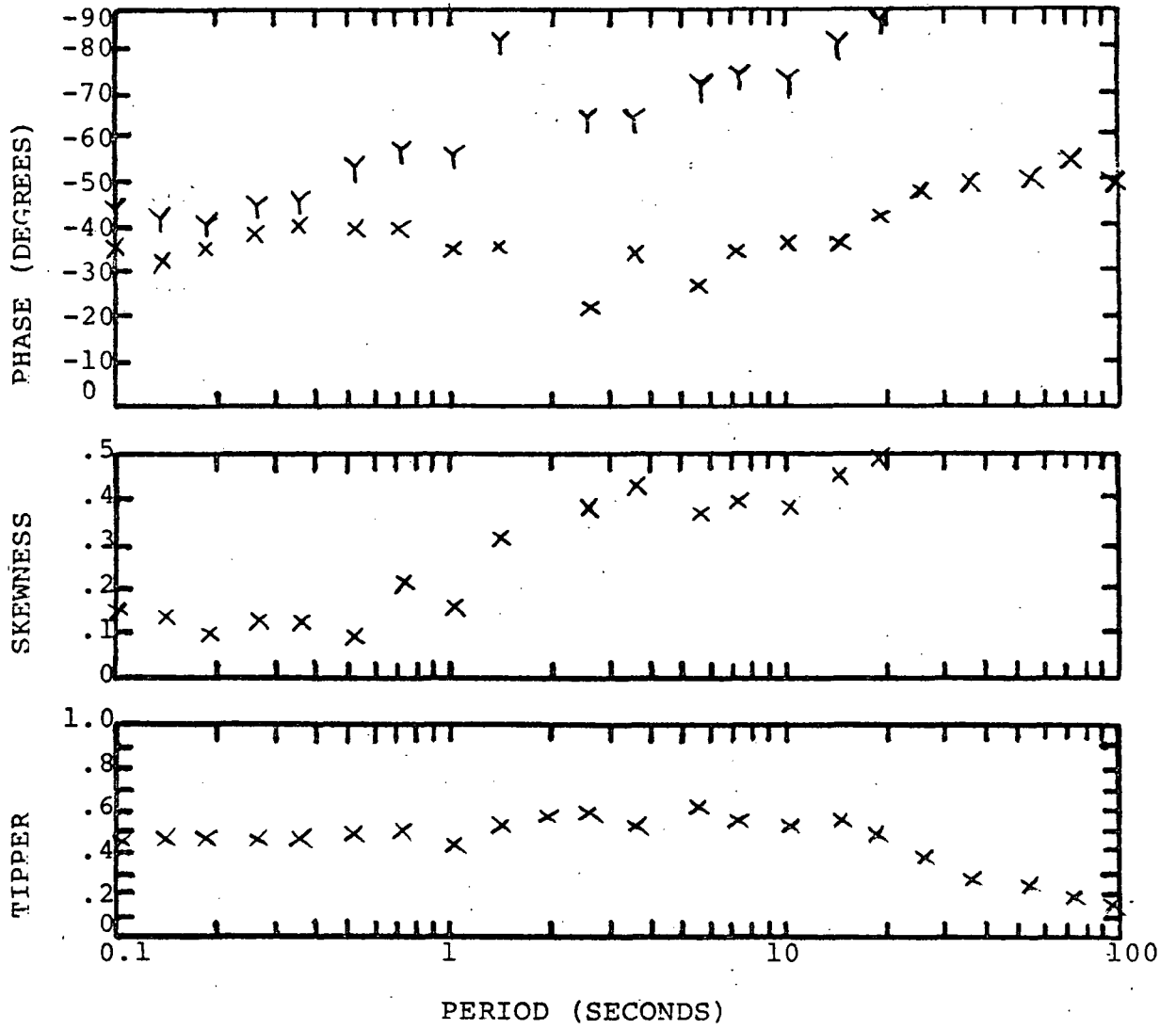
ROTATION ANGLE
STRIKE (S); AXES (X)

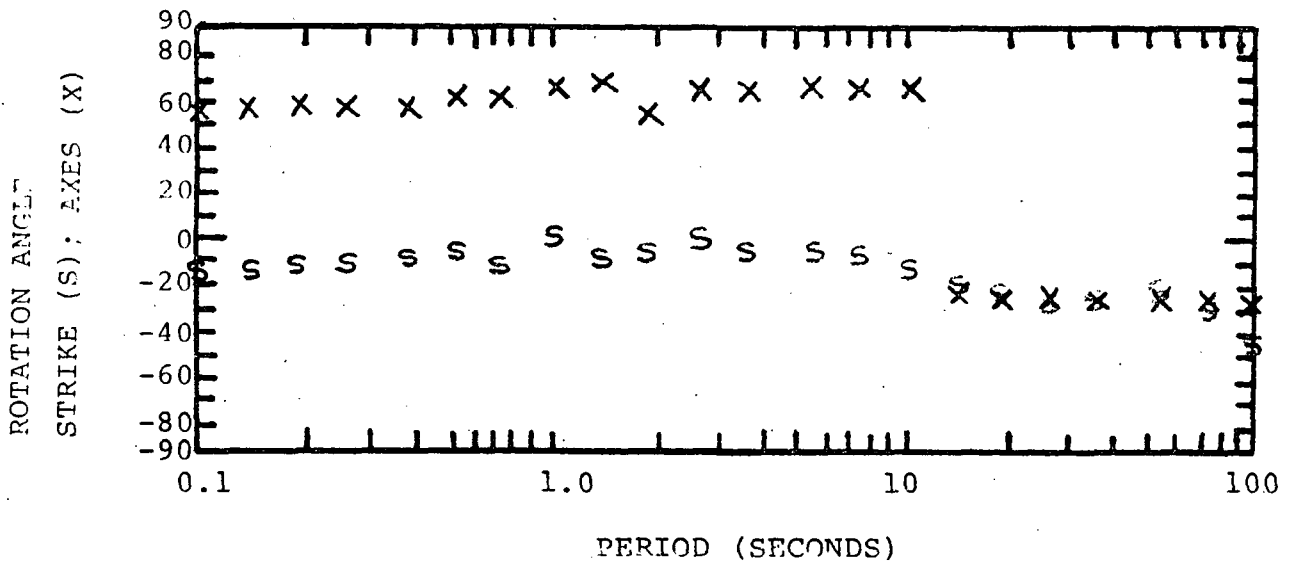
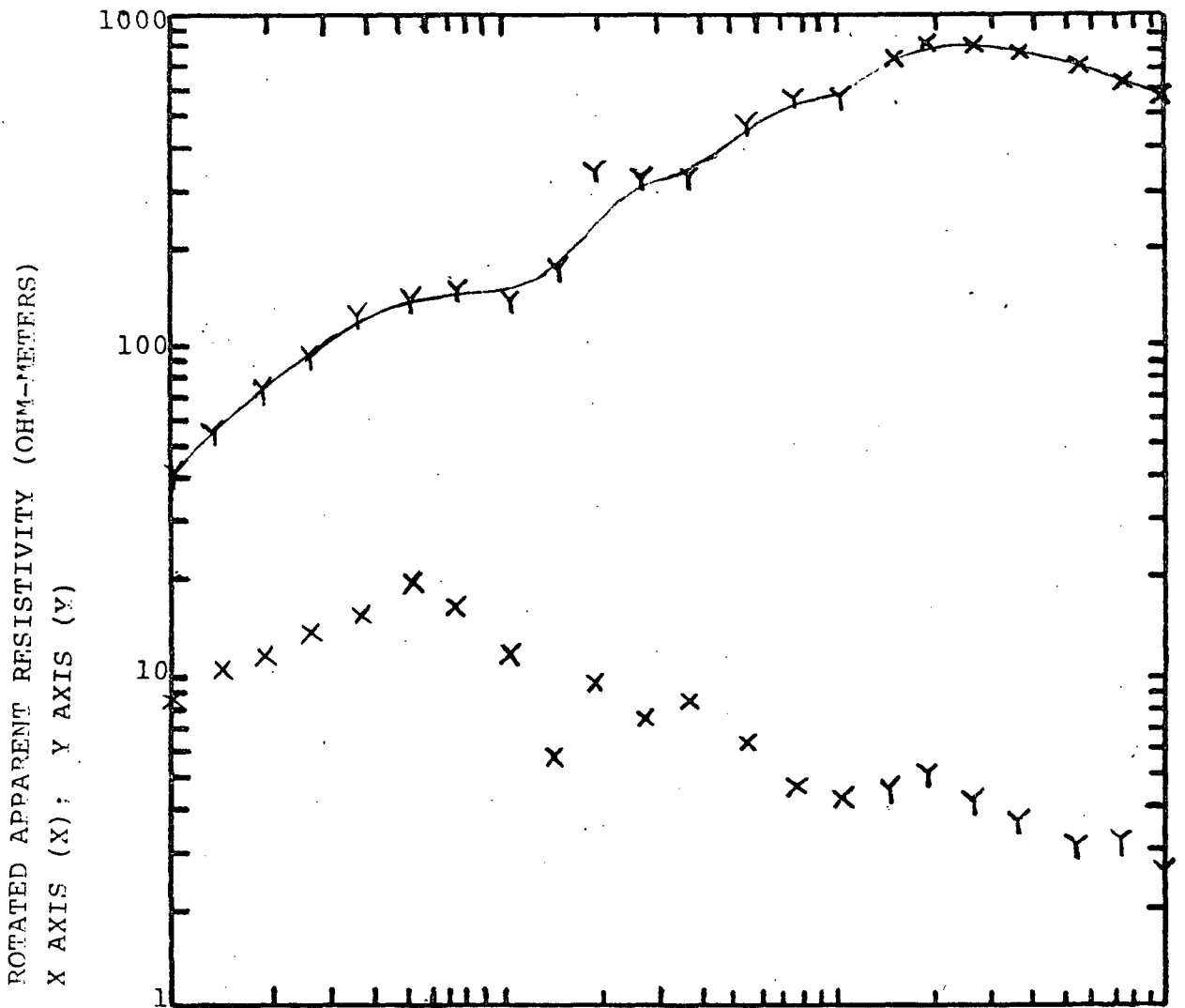


PERIOD (SECONDS)

McCOY, NEVADA

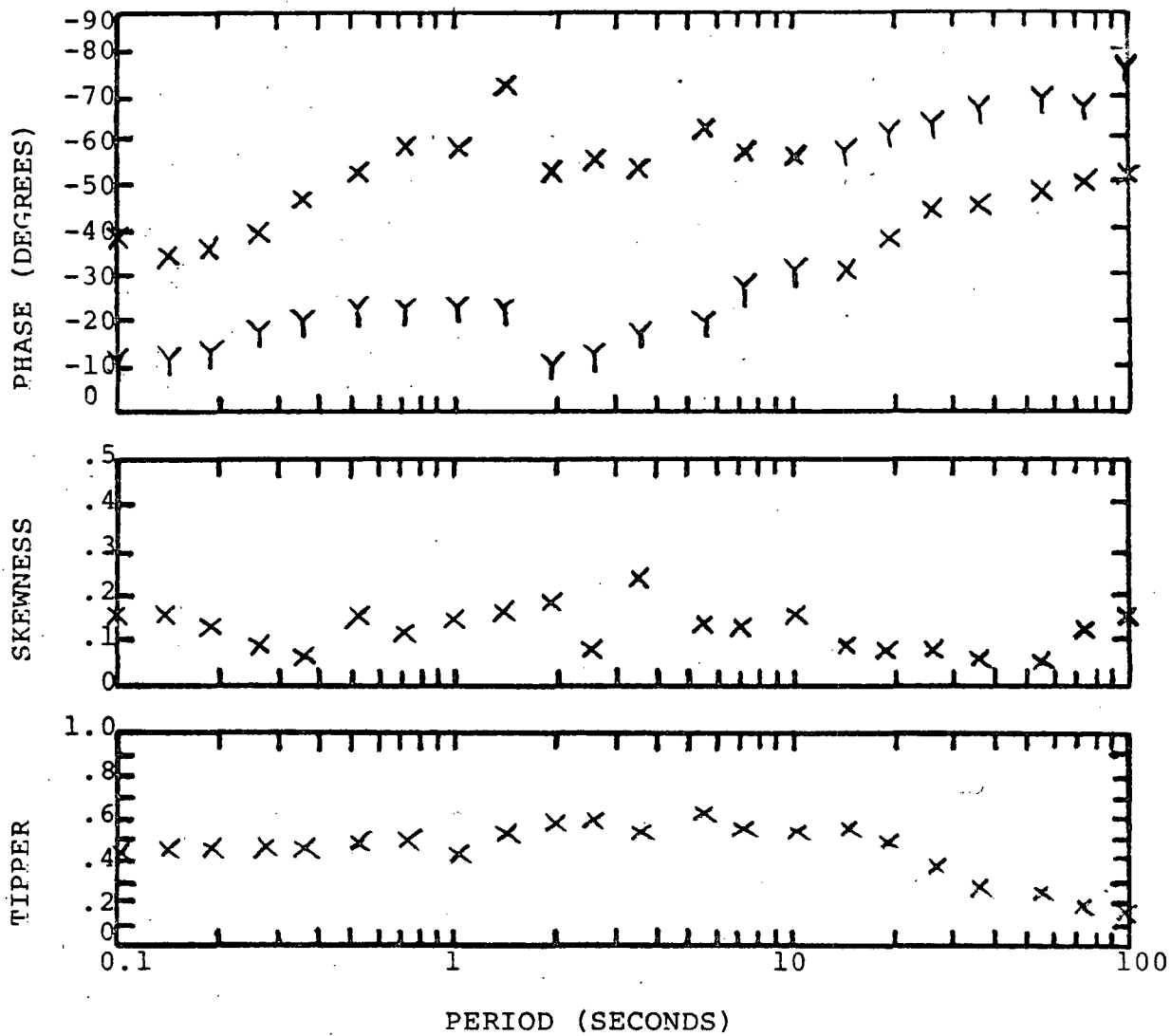
STATION A14



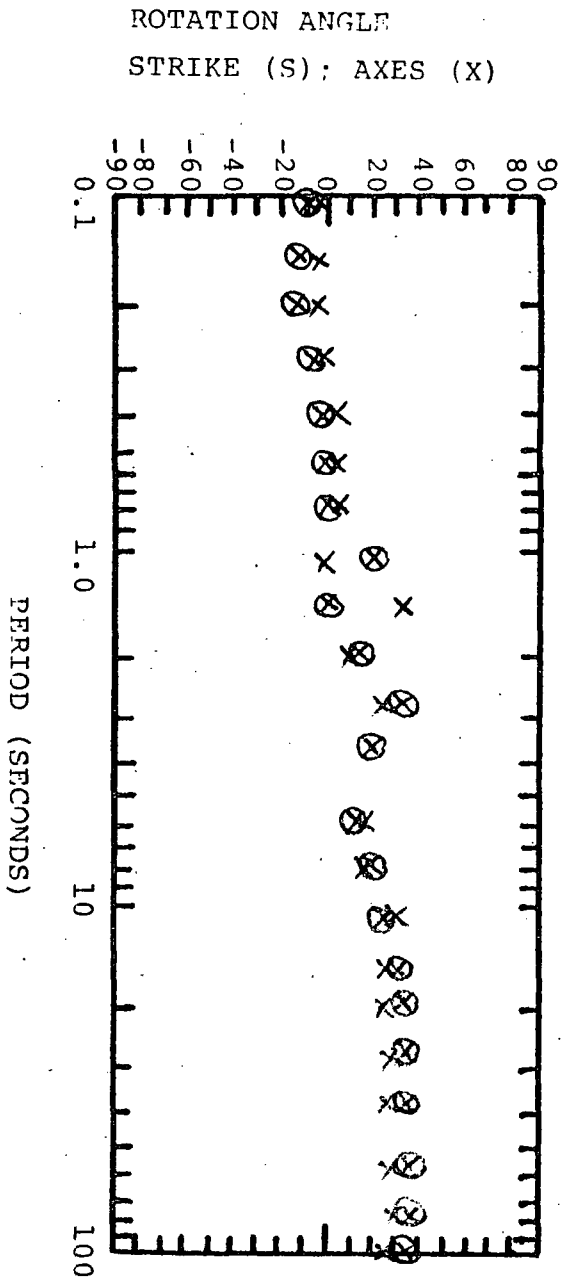
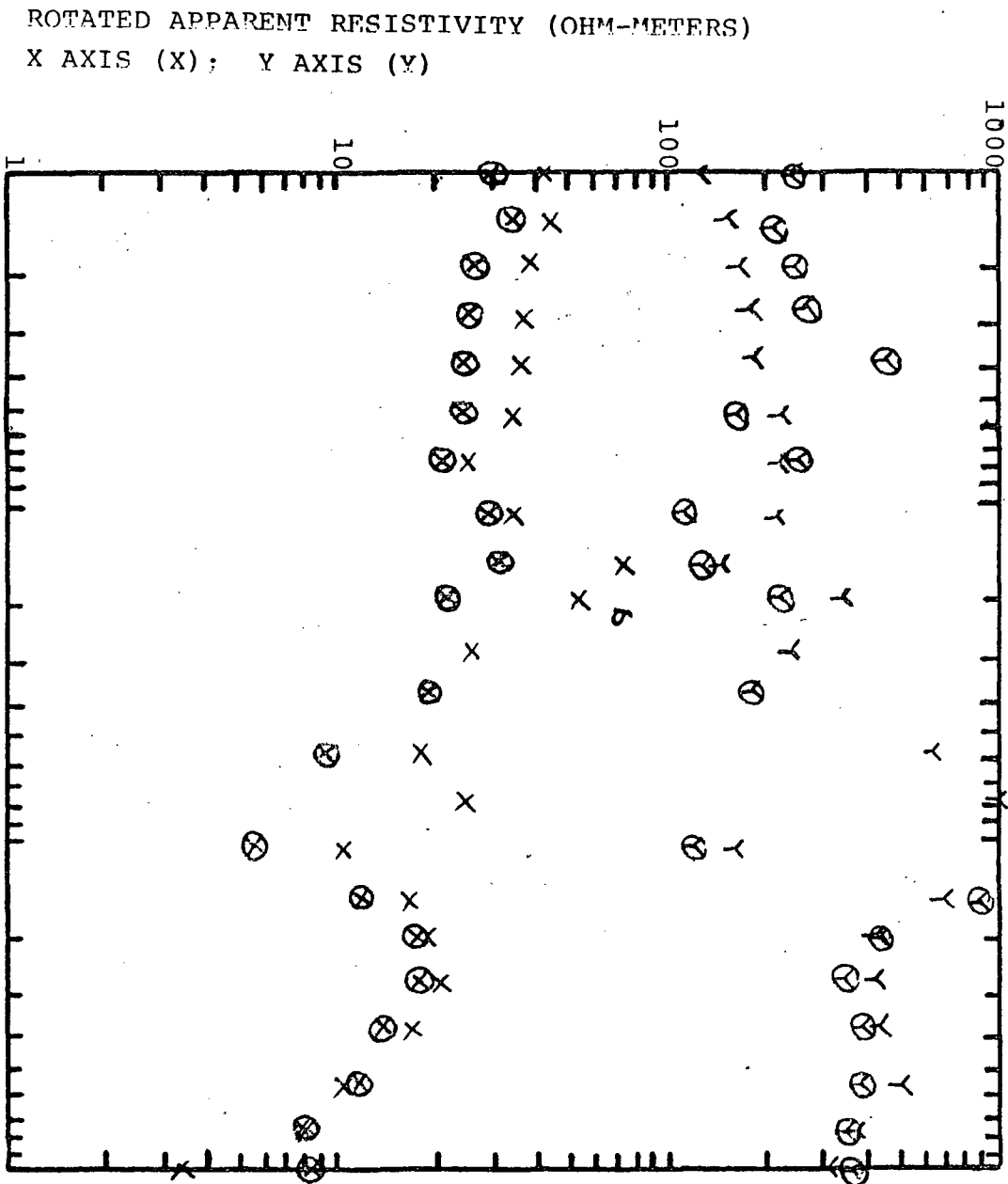


McCOY, NEVADA

STATION B14

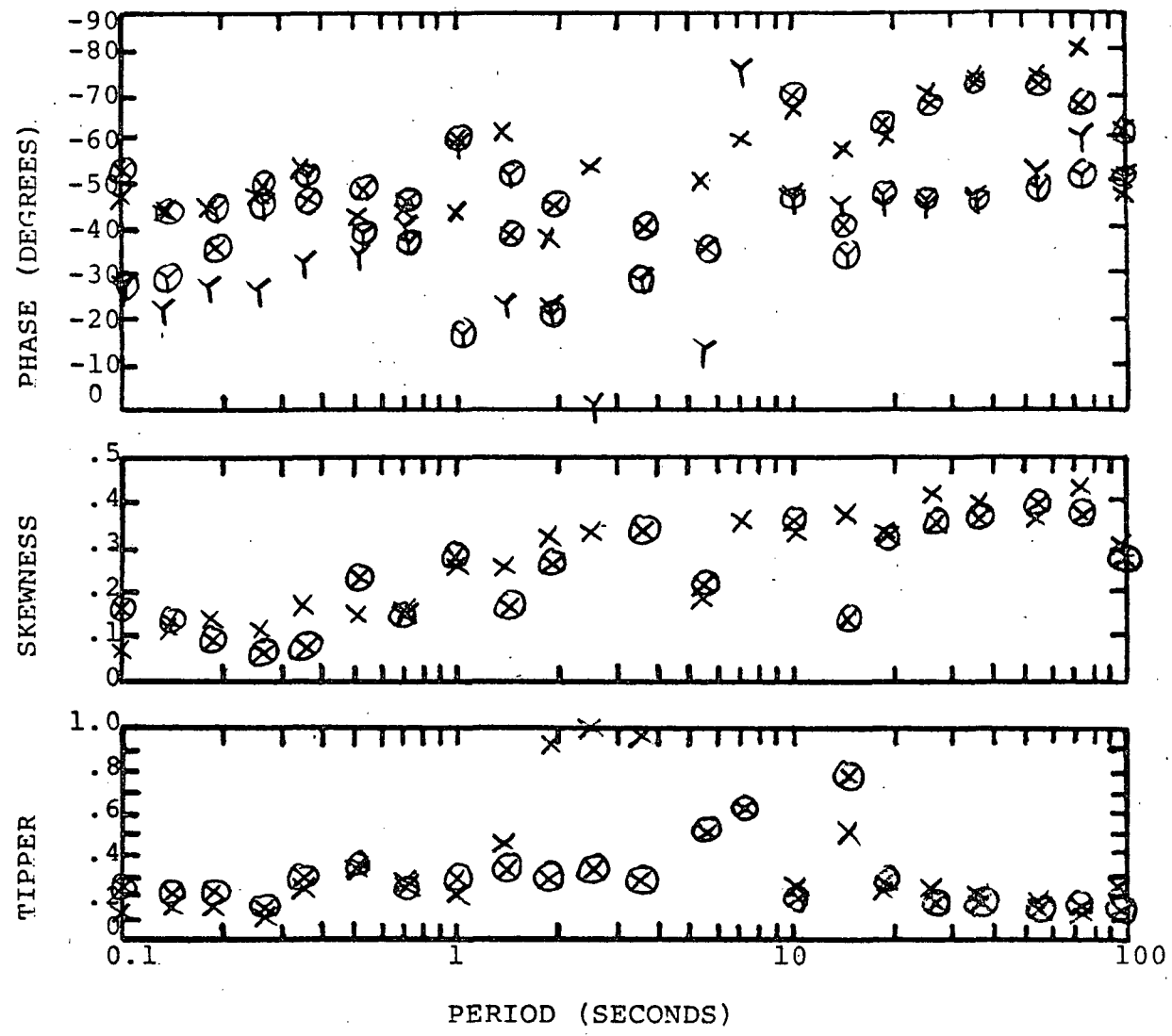


PROSPECT MCCOY, NEVADA
 STATION A1 X,Y
A2 ⊗,⊙



McCOY, NEVADA

STATION A1 X, Y
A2 ⊗ ⊕

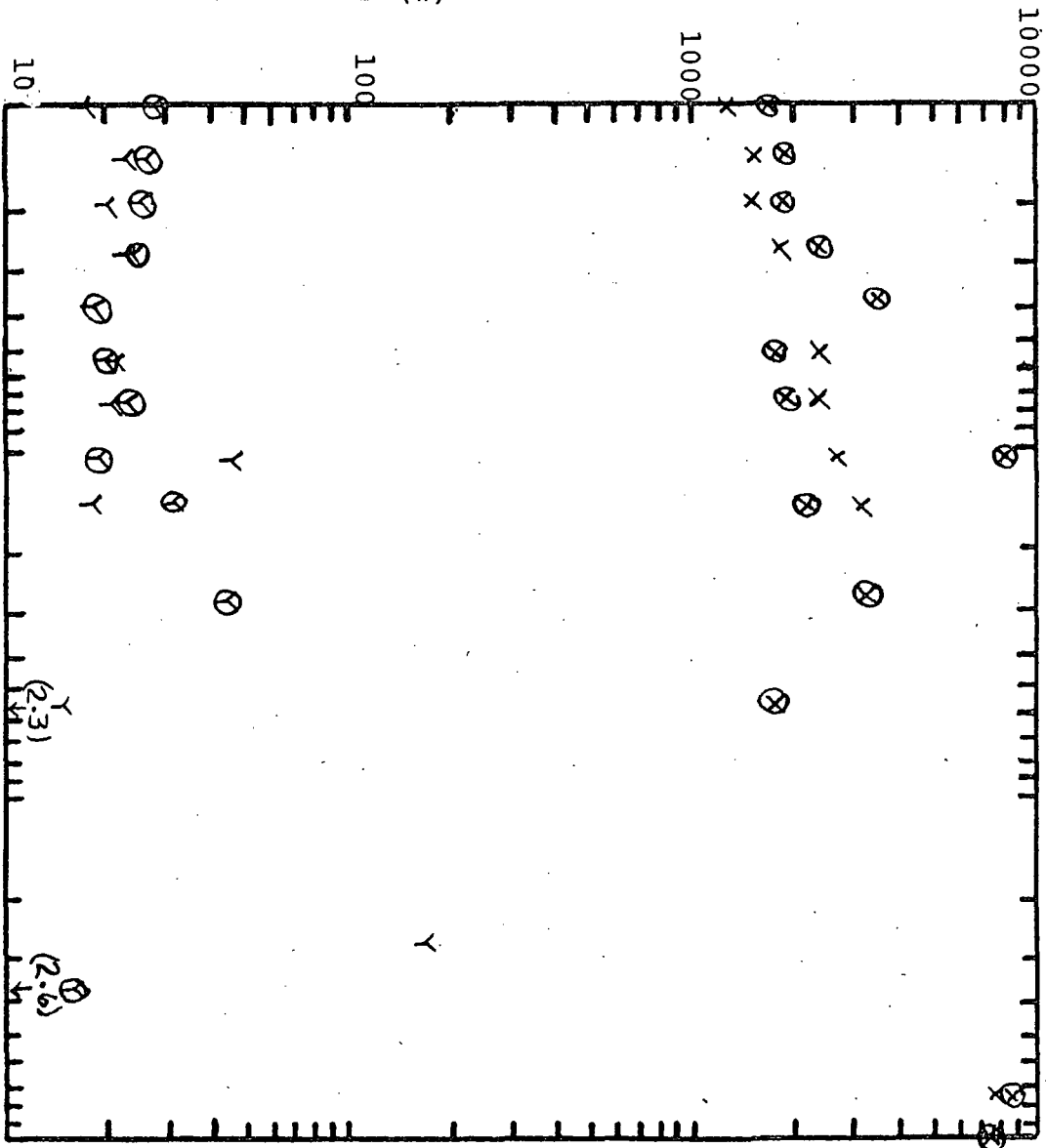


PROSPECT MCCOY, NEVADA

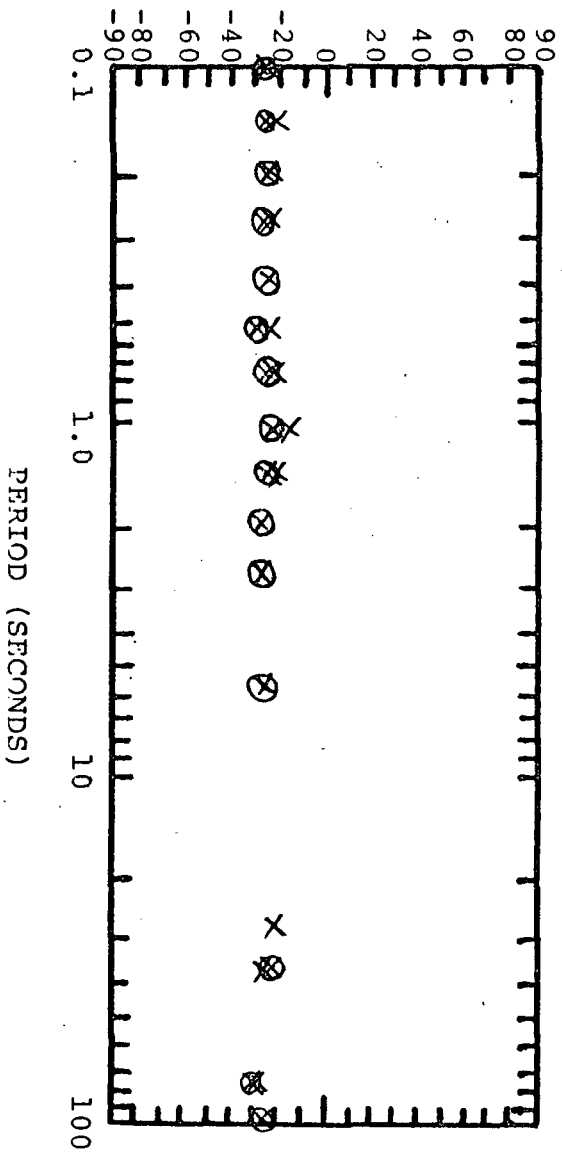
STATION M3 X,Y

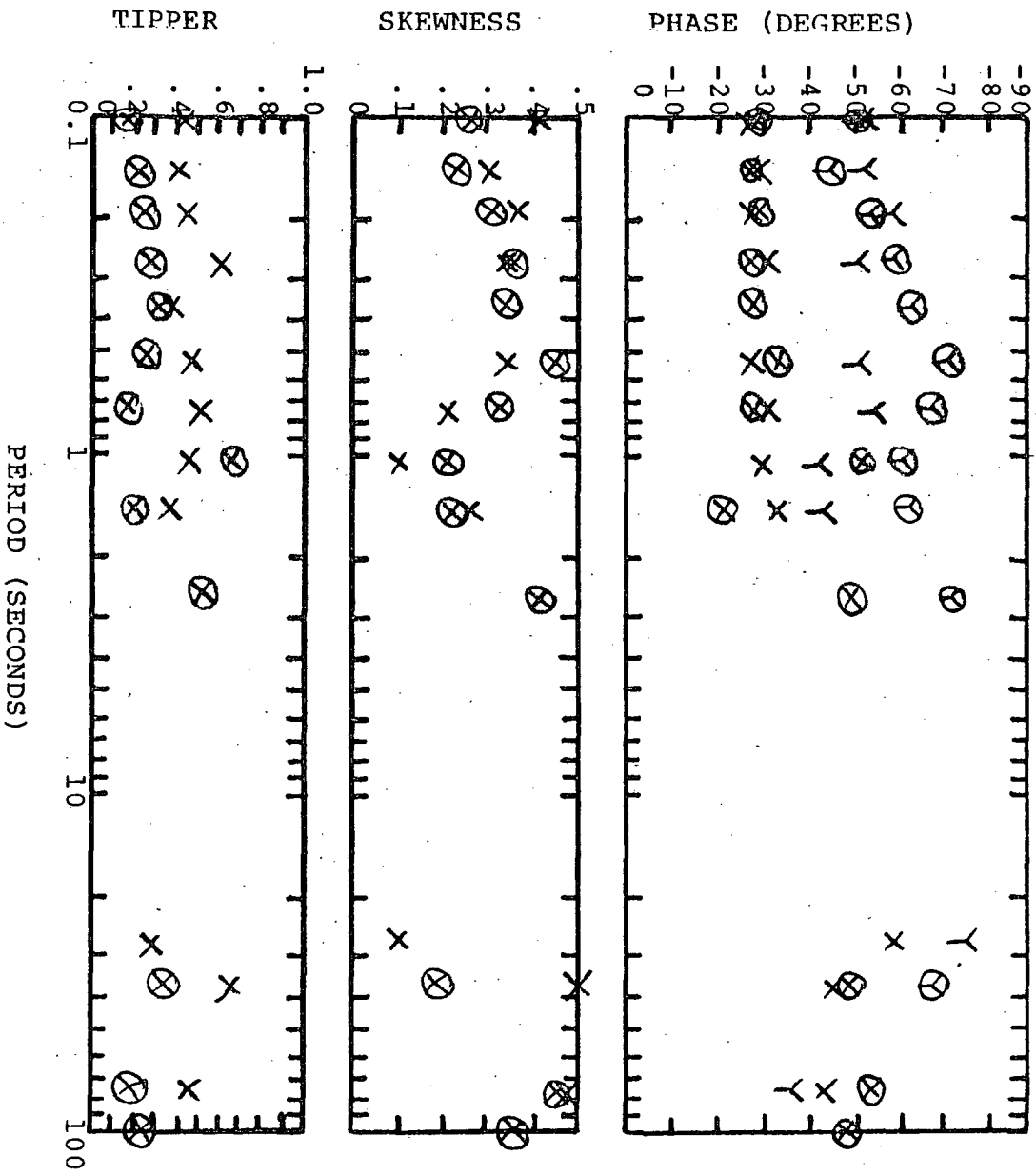
A4 ⊗ ⊙

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



ROTATION ANGLE
STRIKE (S); AXES (X)

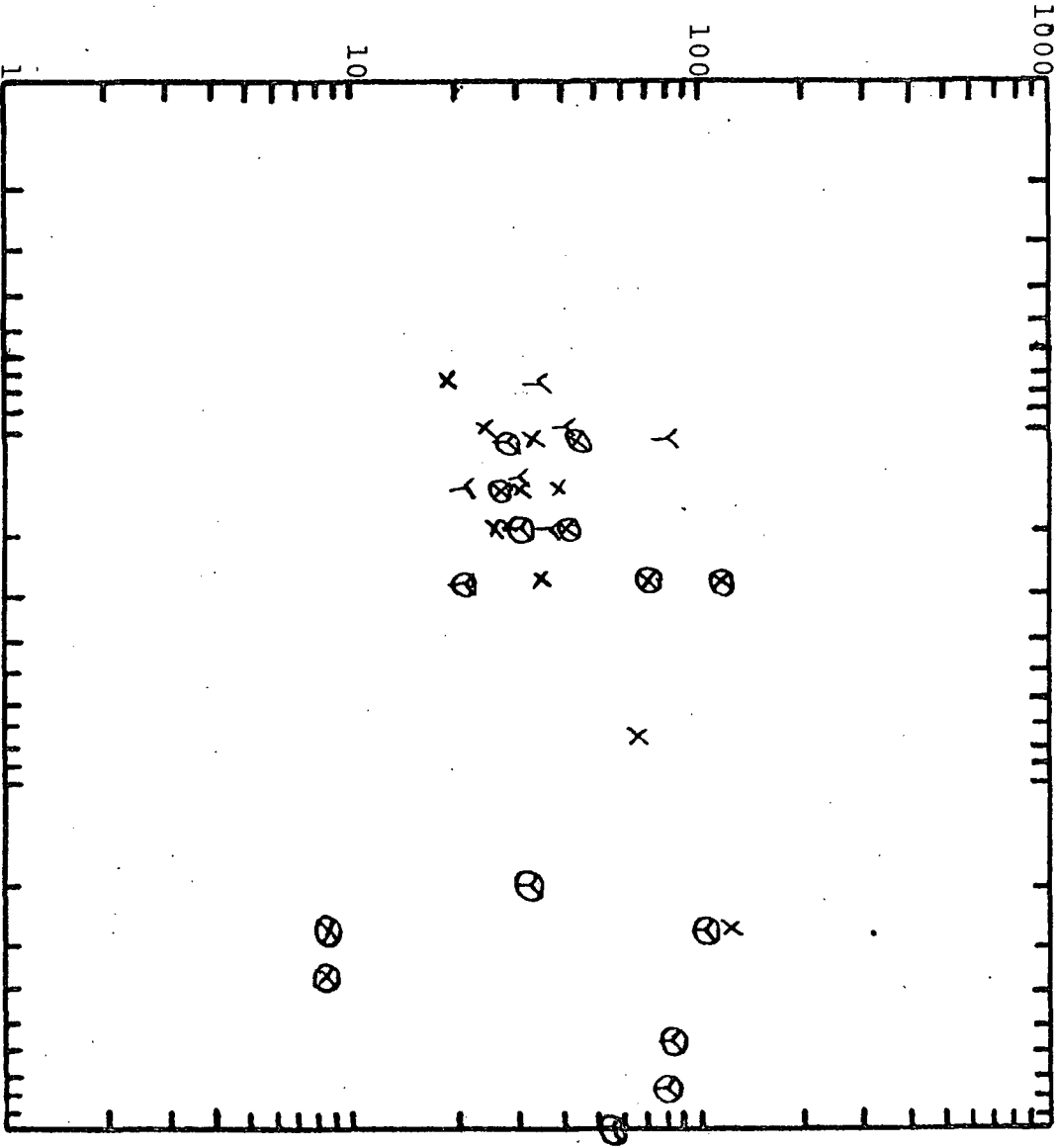




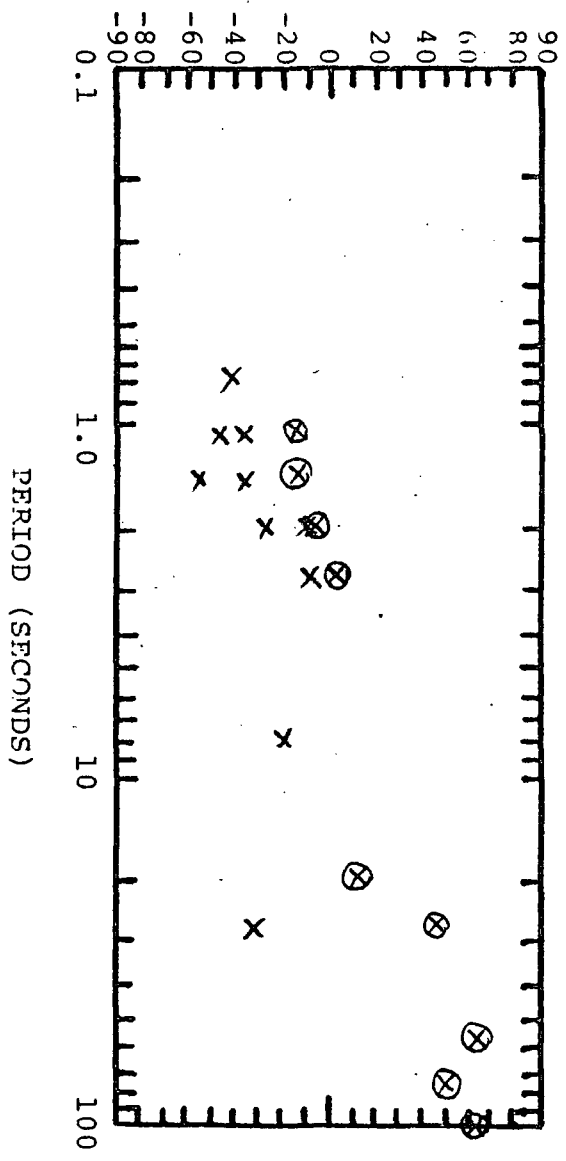
MCCOY, NEVADA
 STATION M3 X,Y
 A4 ⊗, ⊙

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

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



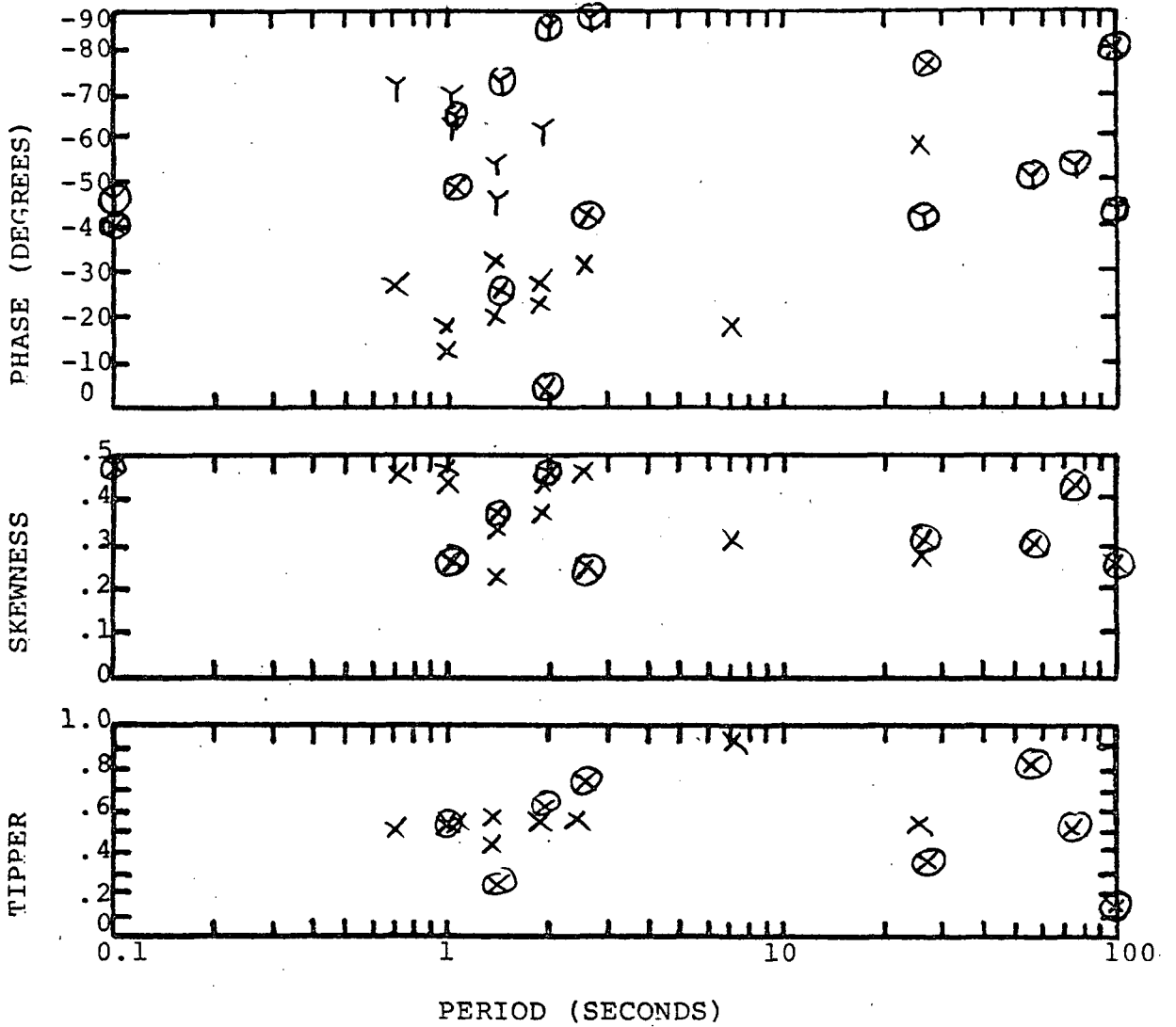
ROTATION ANGLE
 STRIKE (S); AXES (X)



McCOY, NEVADA

STATION B3 X,Y

M4 ⊗, ⊙

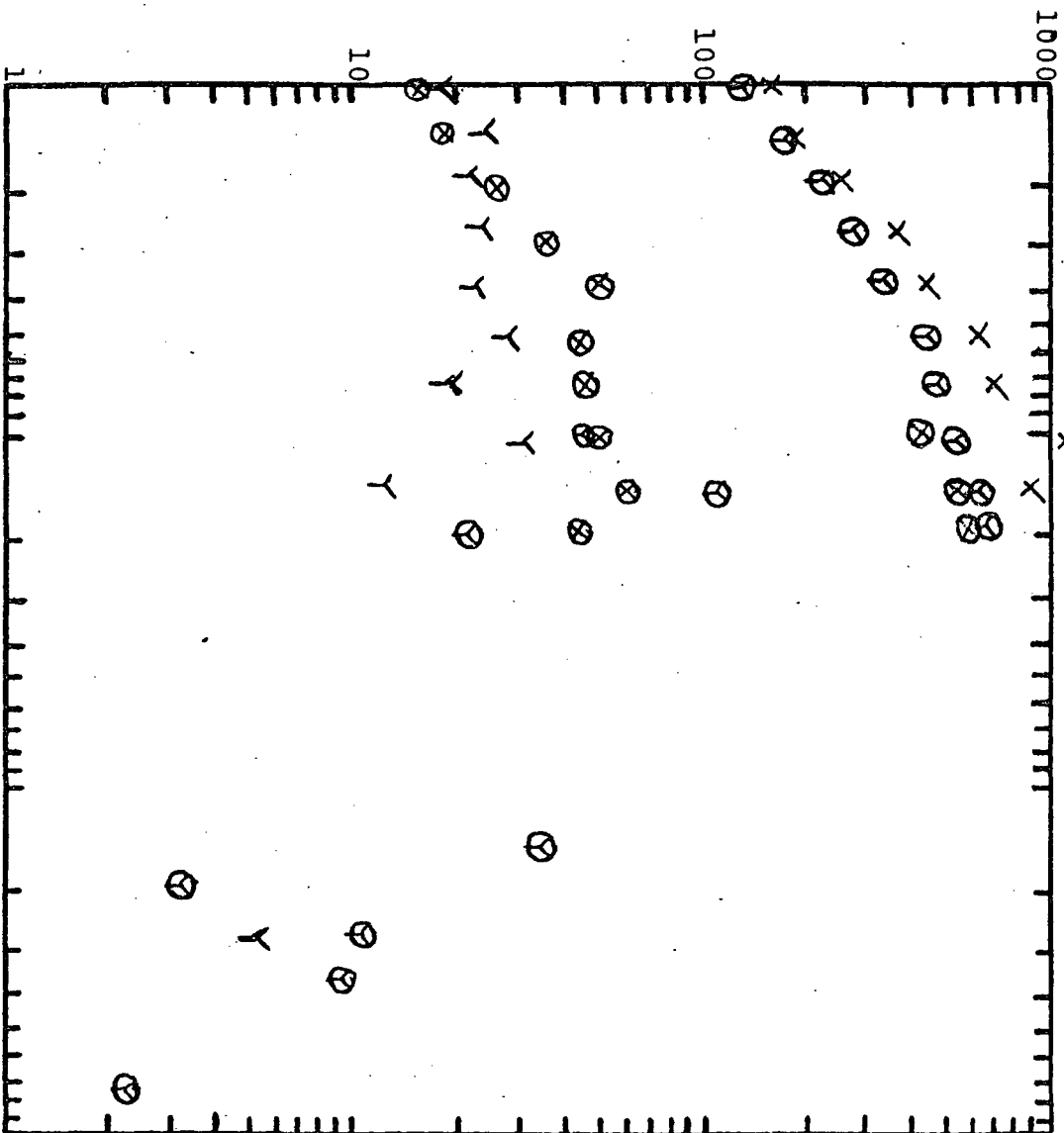


PROSPECT MCCOY, NEVADA
 STATION A3 X Y
A5 ⊗, ⊗

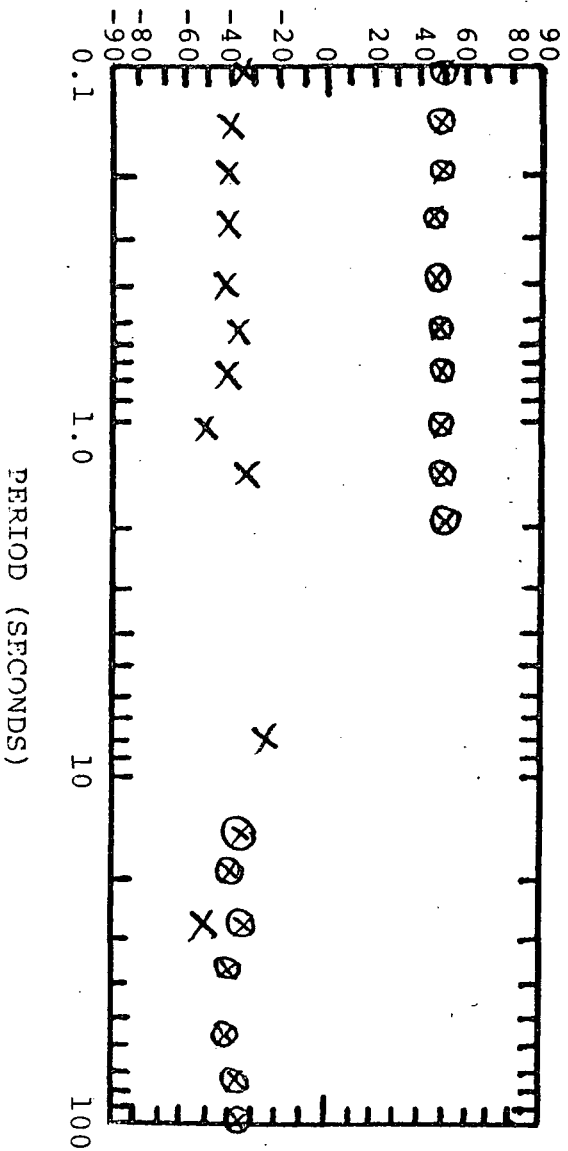
X

⊗ ⊗ ⊗ ⊗ ⊗ ⊗

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



ROTATION ANGLE
 STRIKE (S); AXES (X)



McCOY, NEVADA

STATION A3, X, Y

A5 ⊗, ⊙

