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The Ahuachapán Geothermal Field, El Salvador—Reservoir Analysis Volume III: Appendices F through I

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Bodvarsson, G S

Laky, C

et al.

Publication Date

1989-08-01



Lawrence Berkeley Laboratory

UNIVERSITY OF CALIFORNIA

EARTH SCIENCES DIVISION

The Ahuachapán Geothermal Field, El Salvador—Reservoir Analysis

Volume III: Appendices F through I

Z. Aunzo, G.S. Bodvarsson, C. Laky, M.J. Lippmann,
B. Steingrimsson, A.H. Truesdell, and P.A. Witherspoon

August 1989



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**The Ahuachapán Geothermal Field, El Salvador
— Reservoir Analysis —**

Volume III: Appendices F through I

by

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345 Middlefield Road
Menlo Park, California 94025

Principal Investigators

Gudmundur S. Bodvarsson and Marcelo J. Lippmann

prepared for

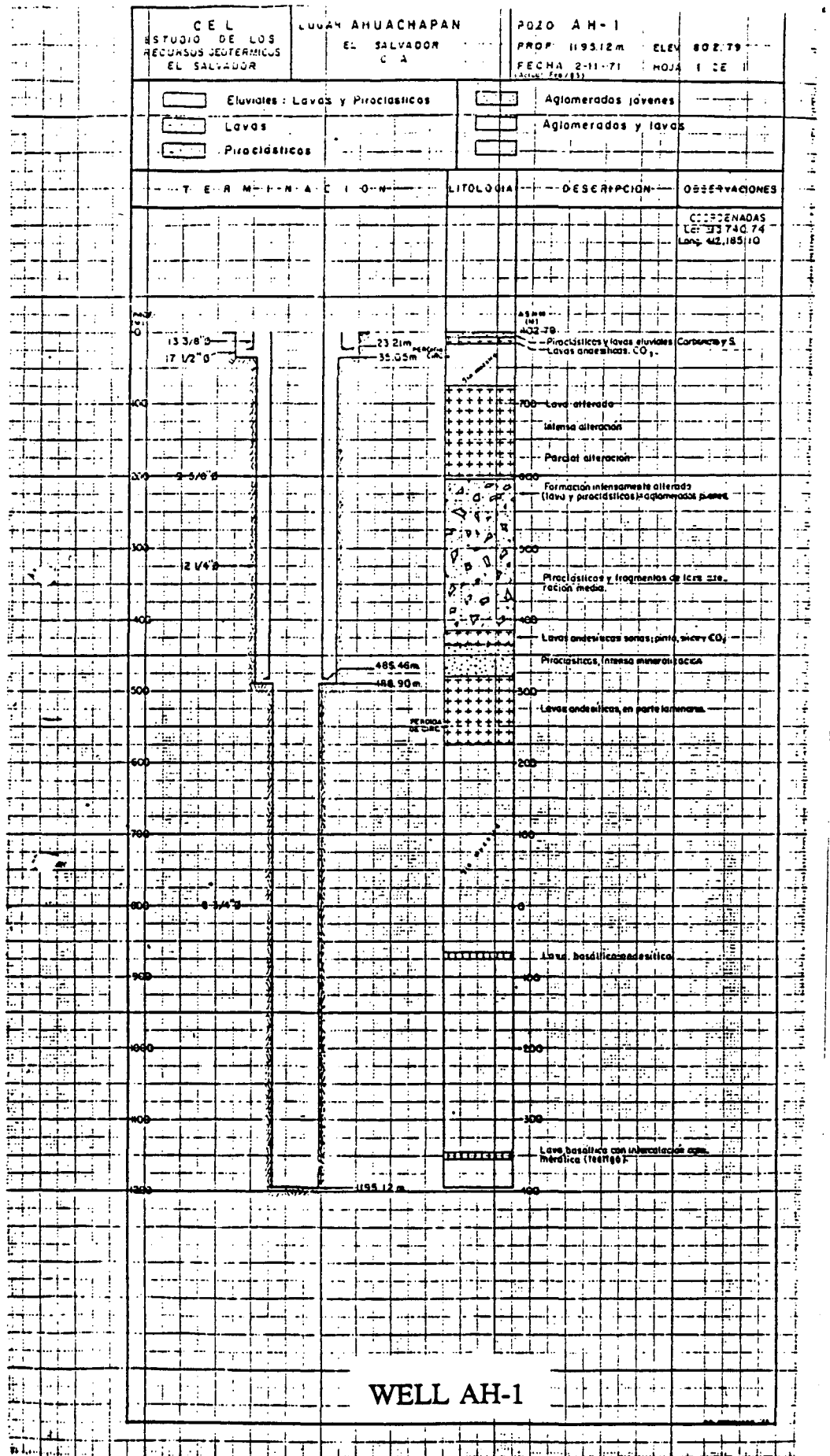
Earth and Space Science Division
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

August 1989

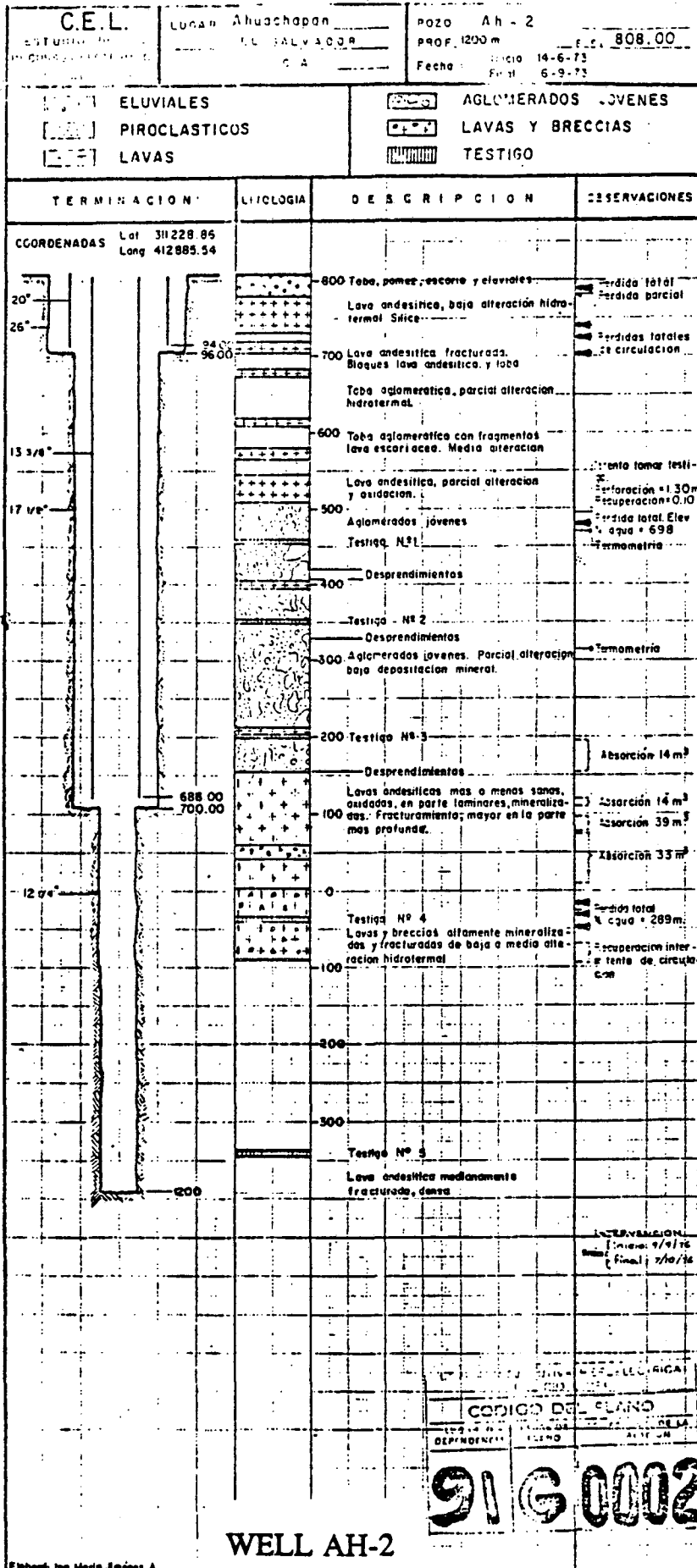
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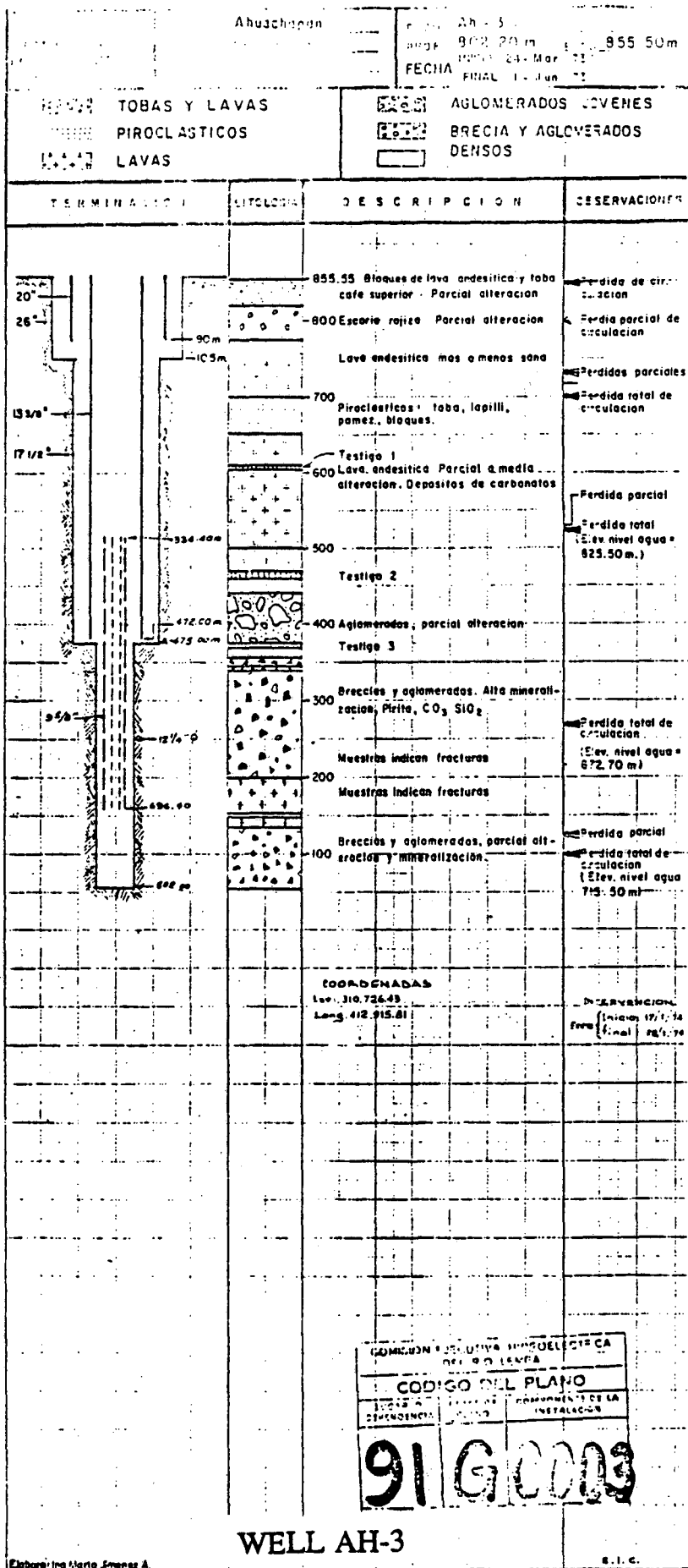
APPENDIX F

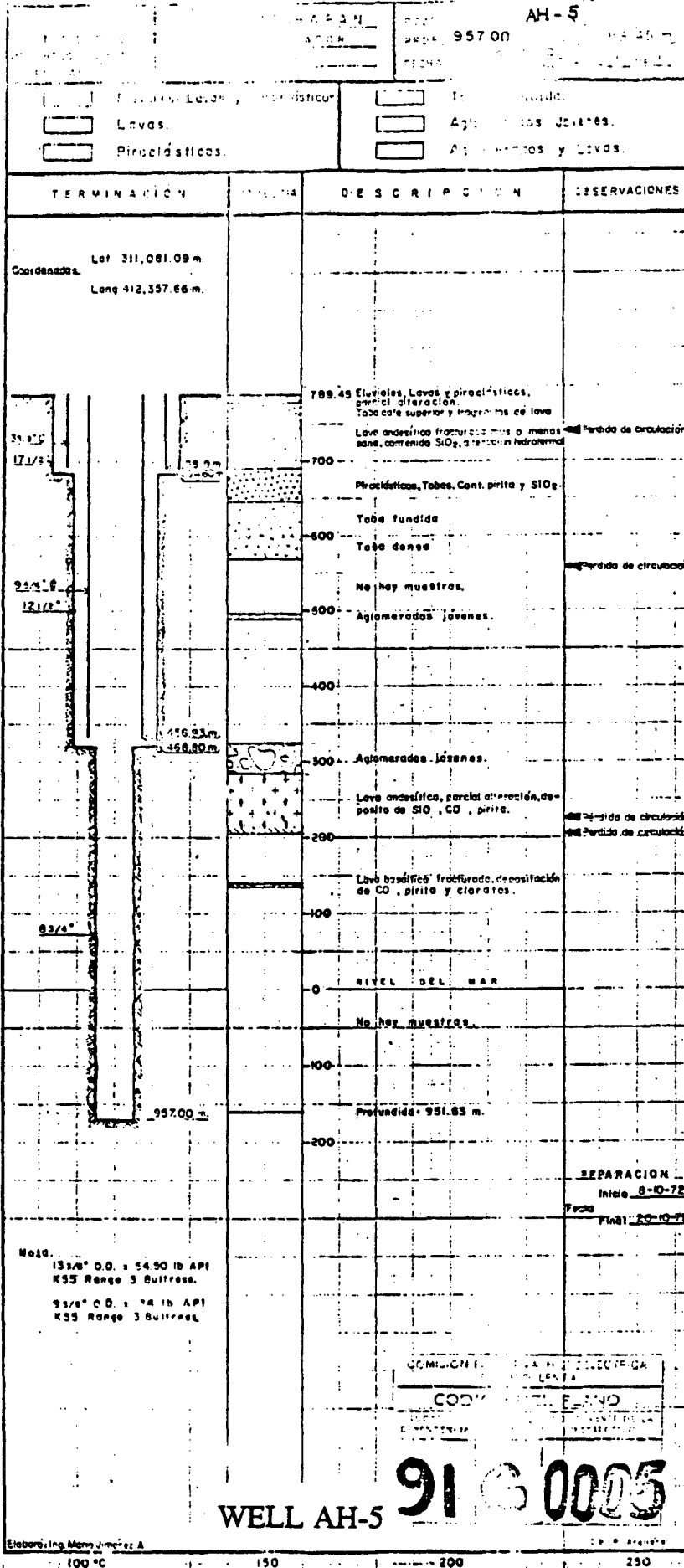
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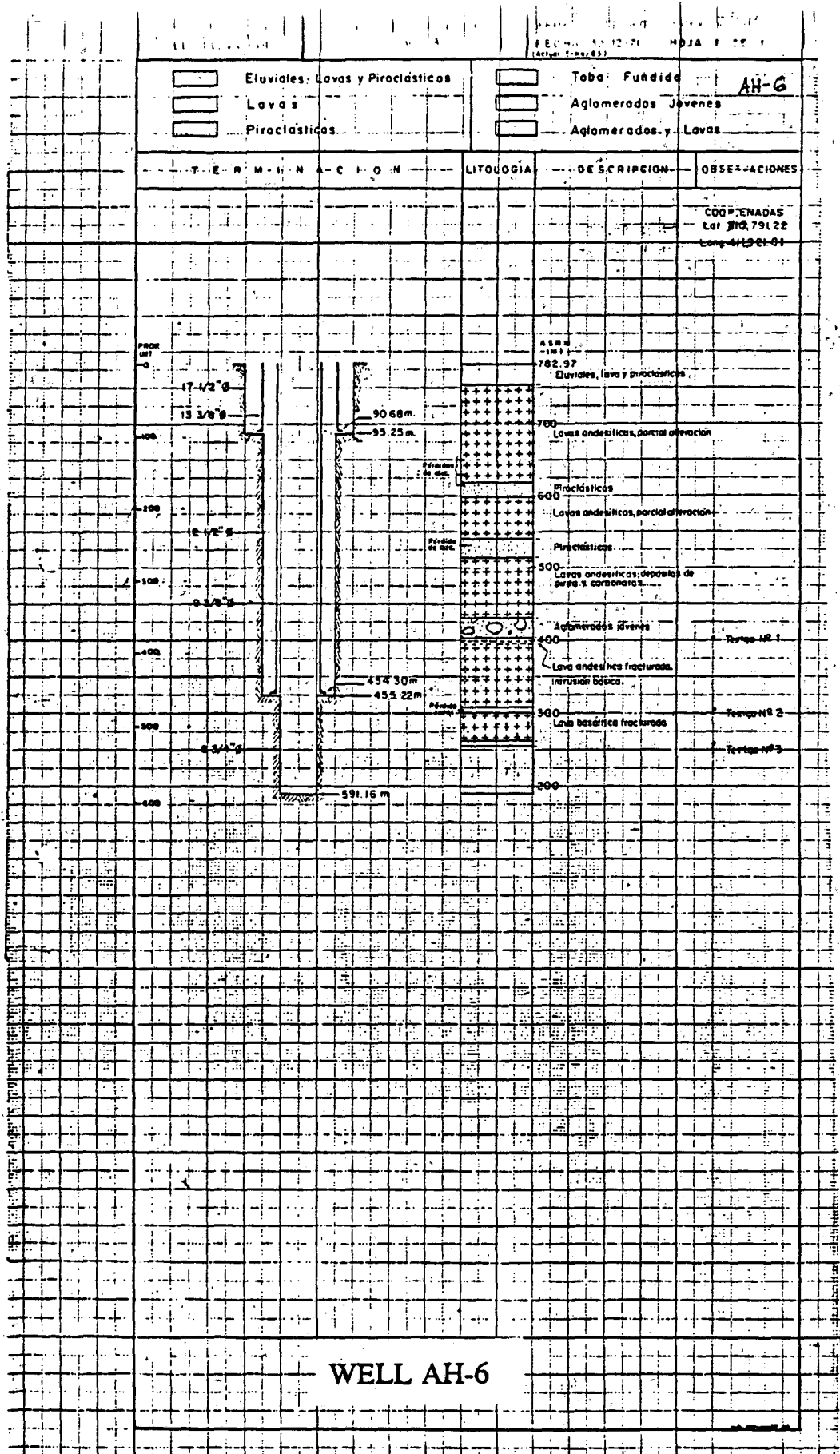


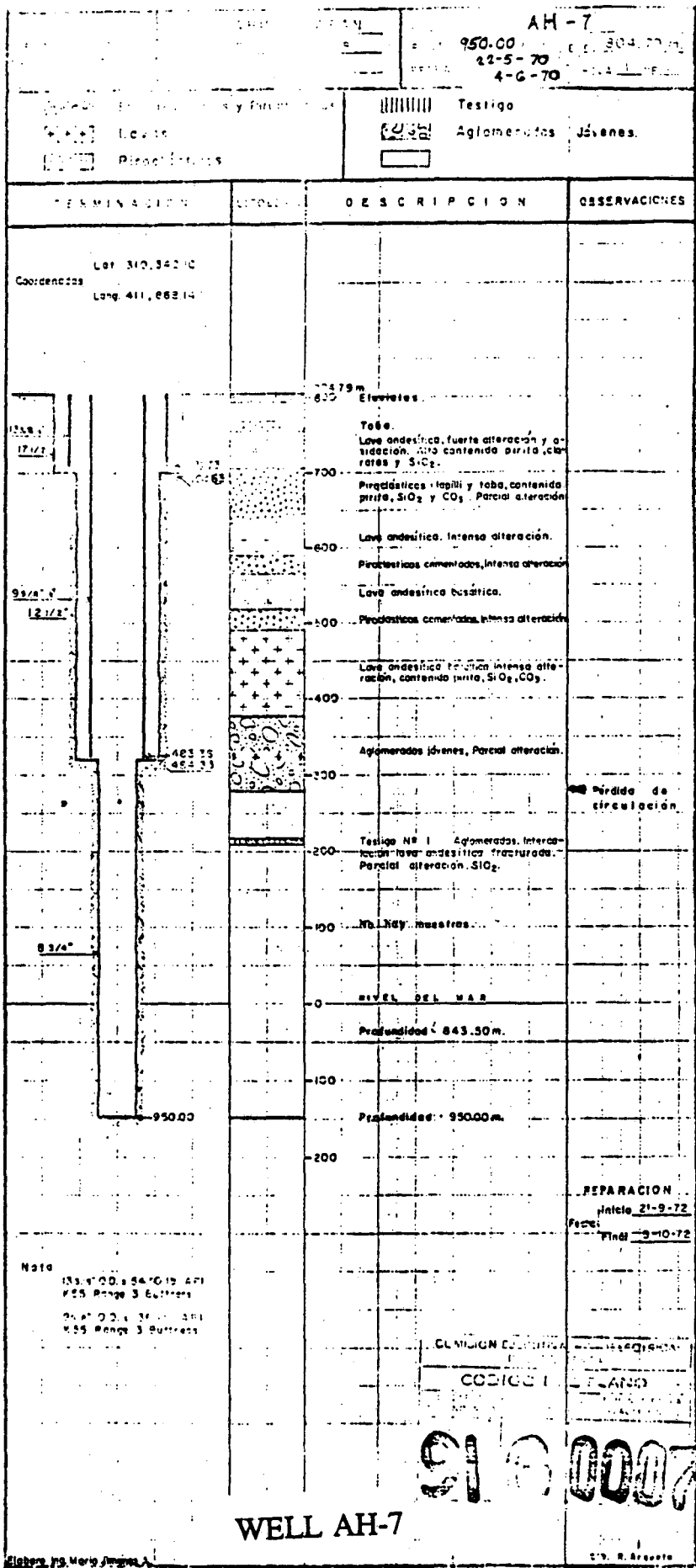
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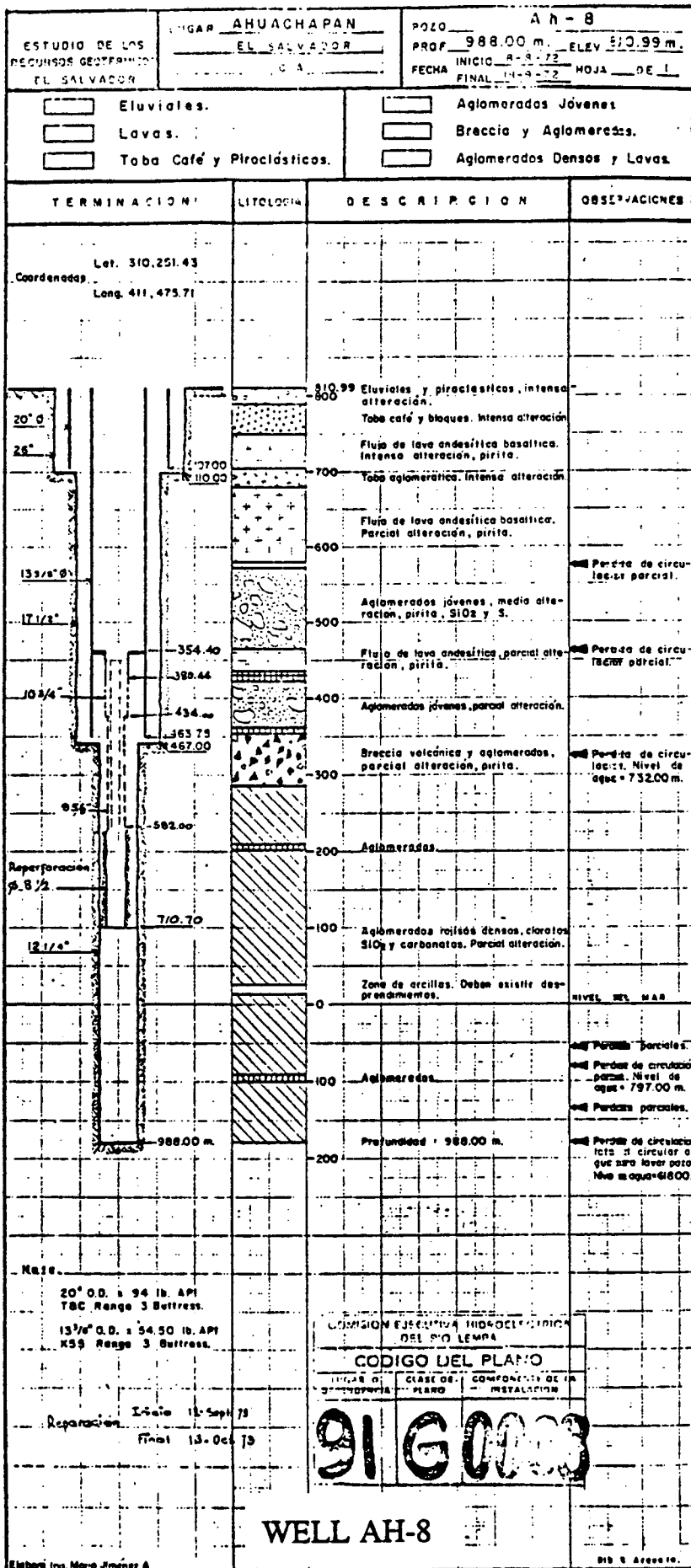


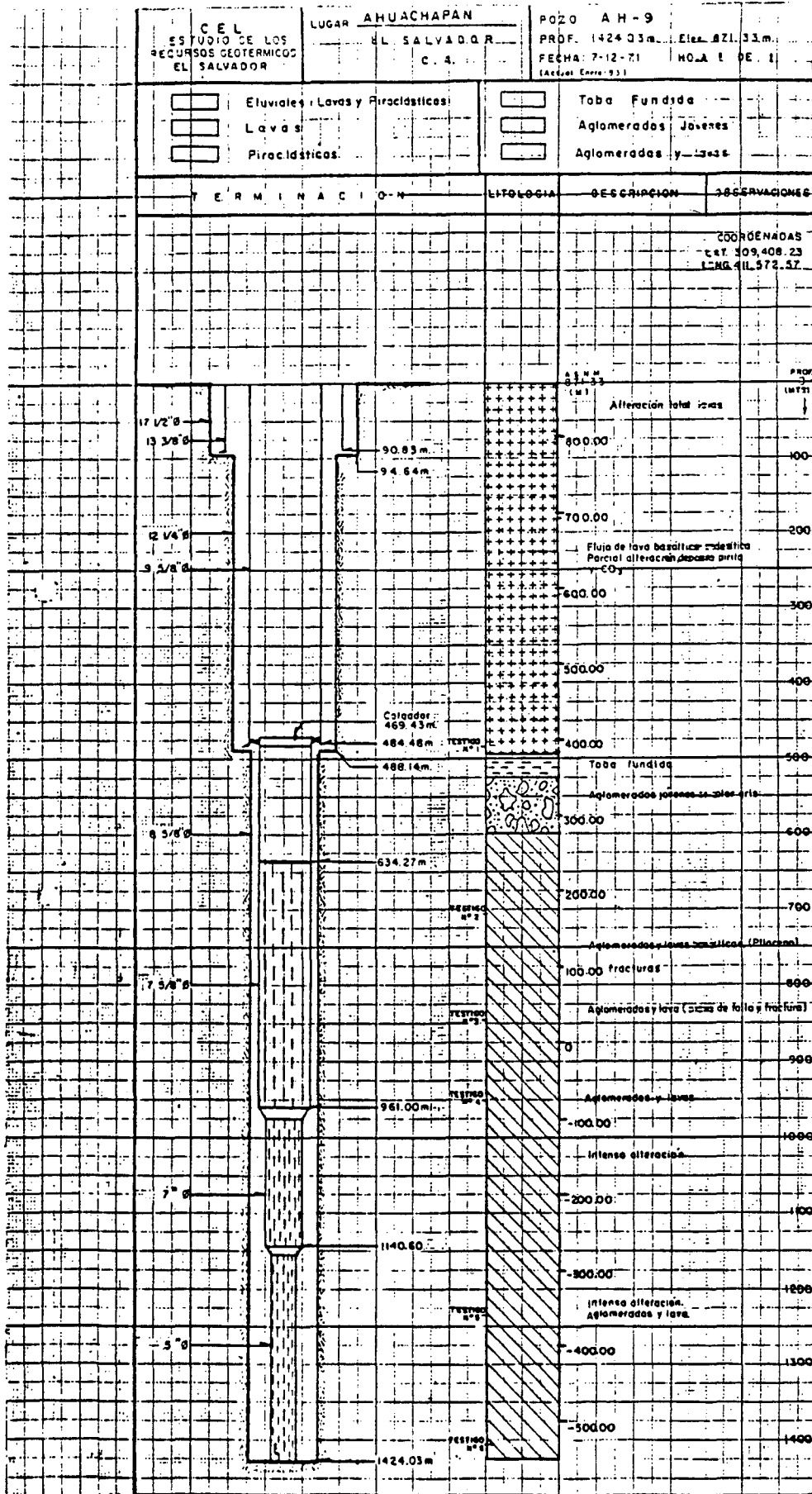




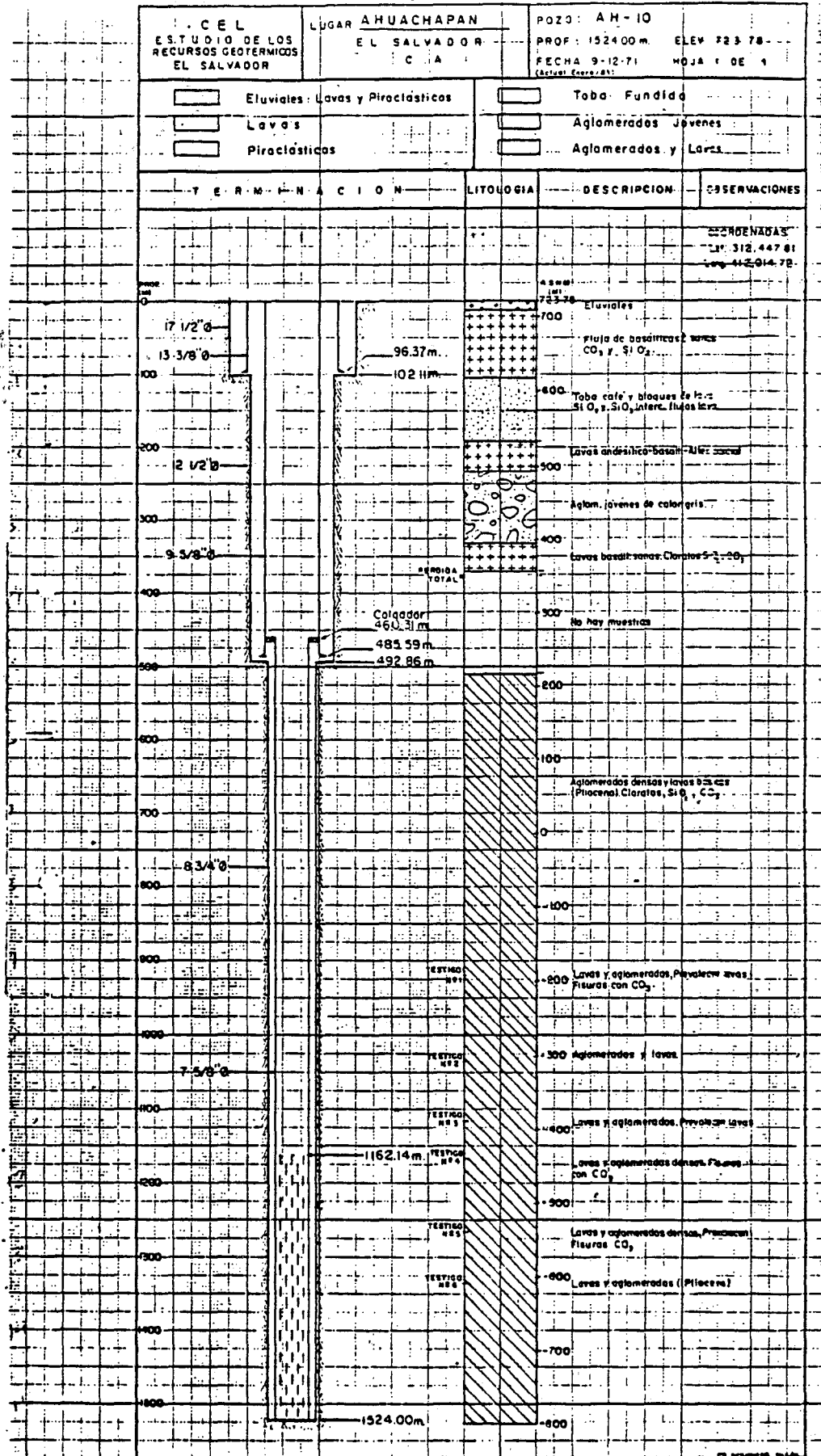




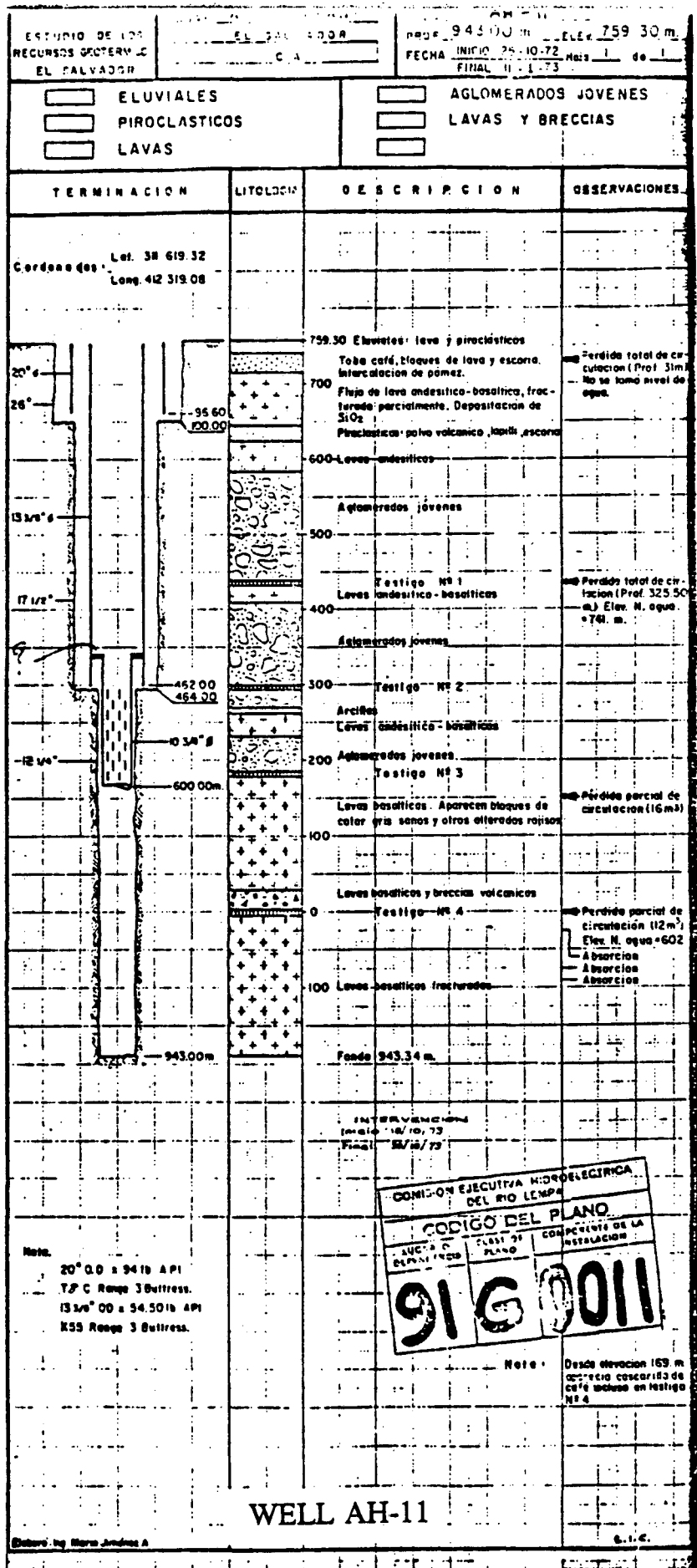




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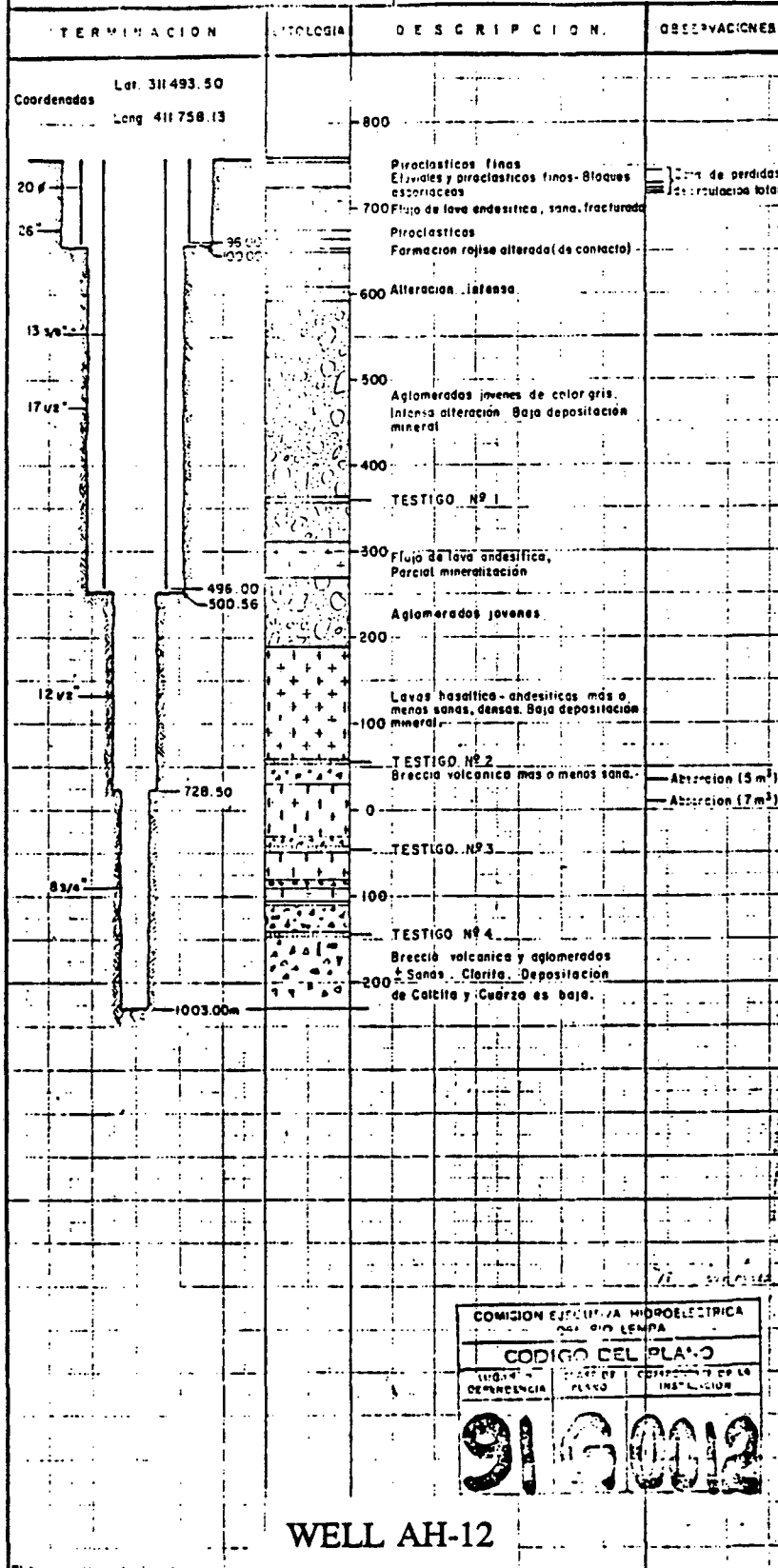


WELL AH-10



C. E. L. E. AH-12
 RECURSOS GEOLÓGICOS Escala: 1003 m. ELEV. 758.80
 EL 1973 INICIO: 1º Ene. 73
FINAL: 1º Mar. 73

- | | | | |
|--|--------------------------------|--|---------------------|
| | Piroclásticos | | Aglomeradas Jóvenes |
| | Eluvijs | | Breccia volcanica |
| | Lavas Andesíticas y Basálticos | | |

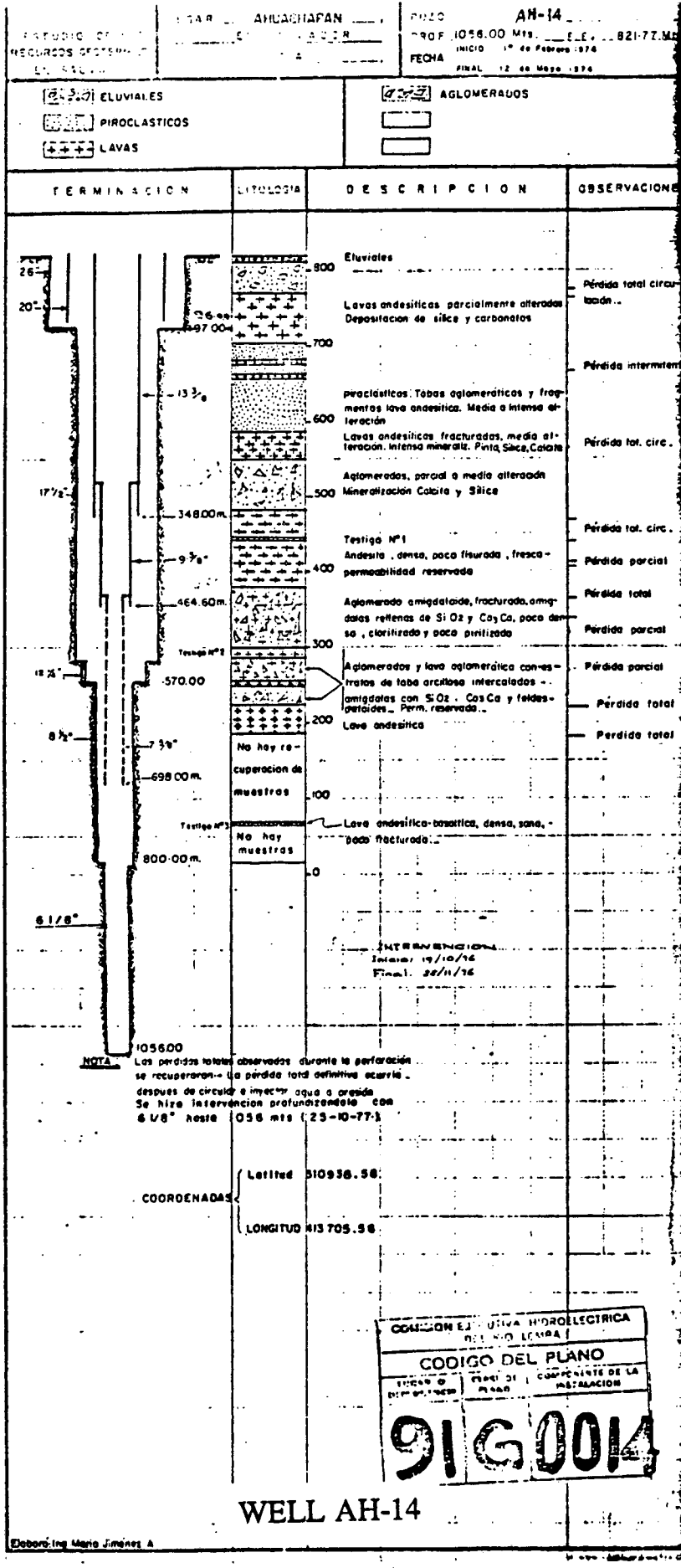


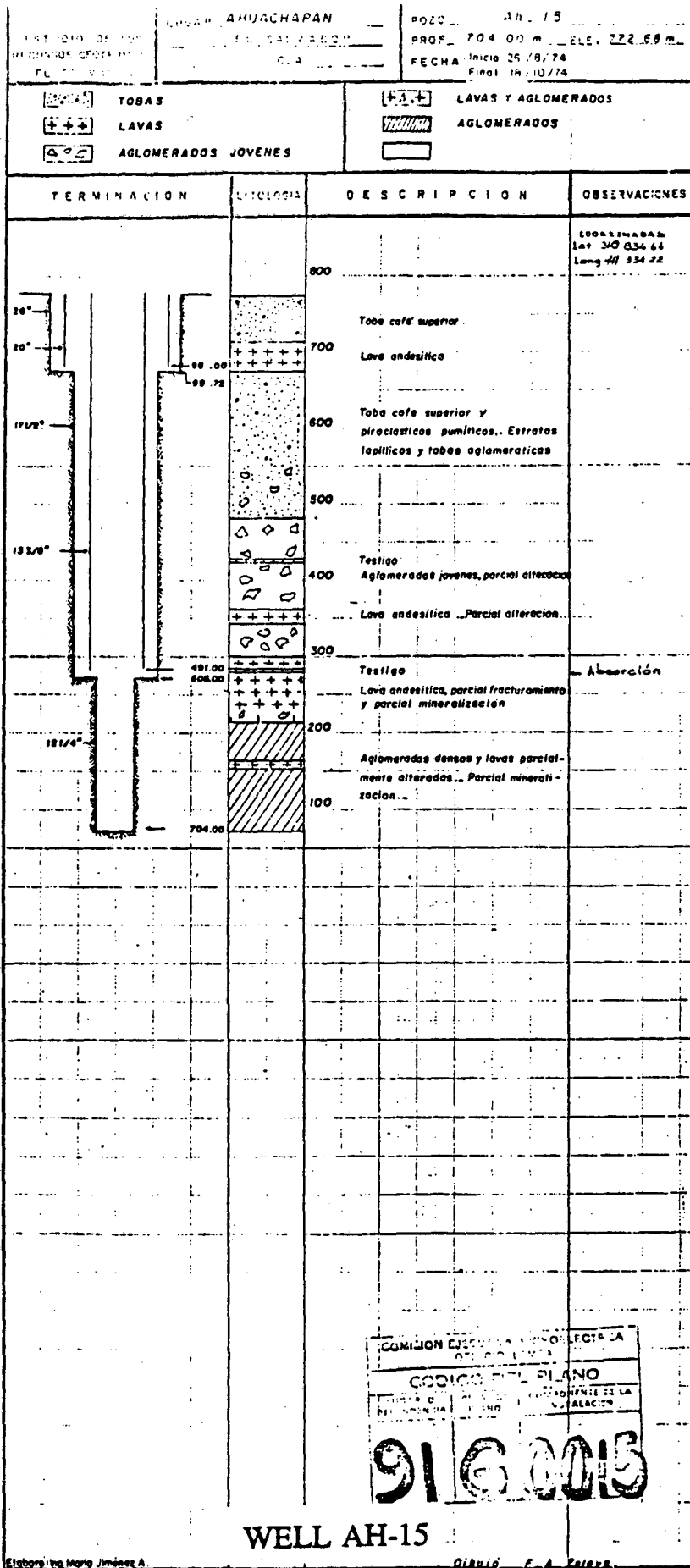
COMISION EJECUTIVA HIDROELECTRICA
 DEL RIO LEMPA
 CODIGO DEL PLANO
 INSTITUCION DE LA
 INSTITUCION

9160012

WELL AH-12

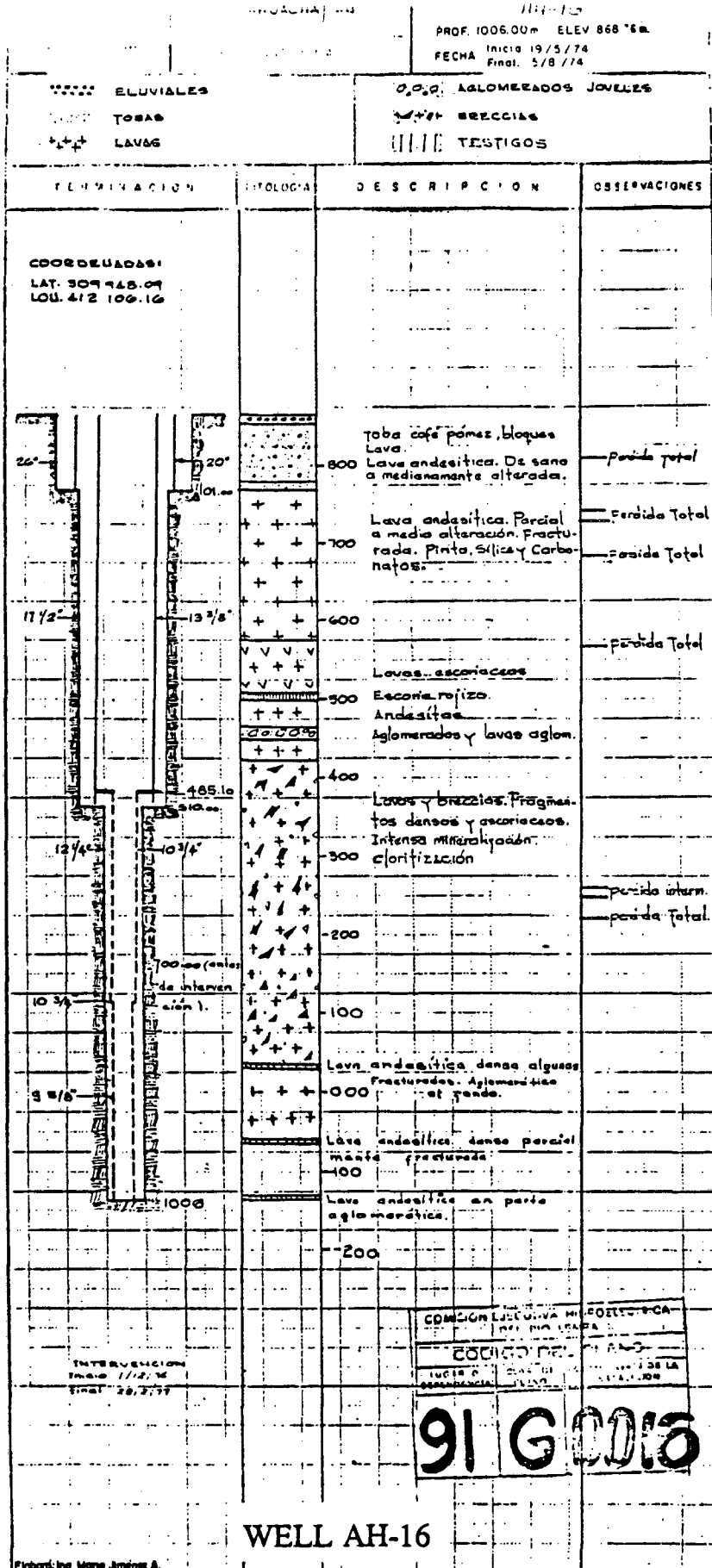
Elaborado por: Maria Jimenez A.

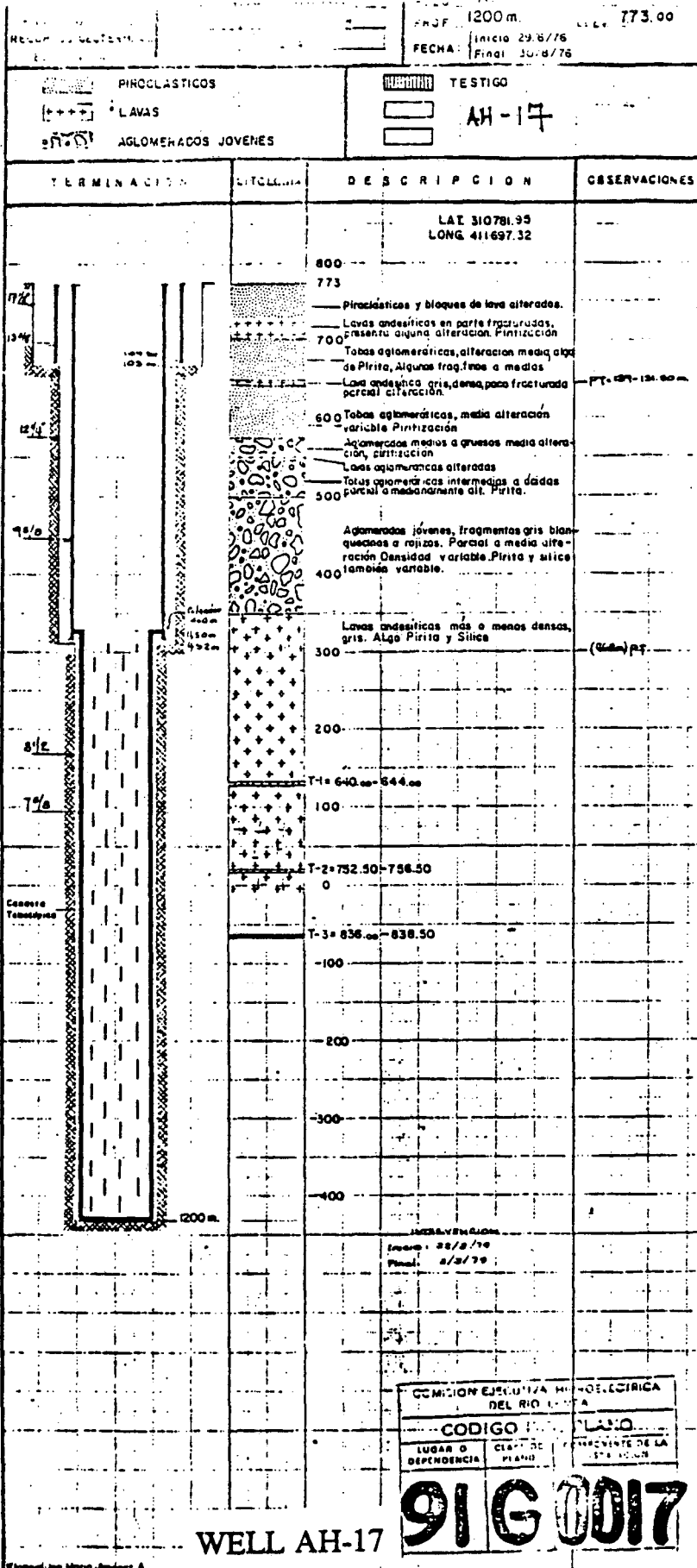


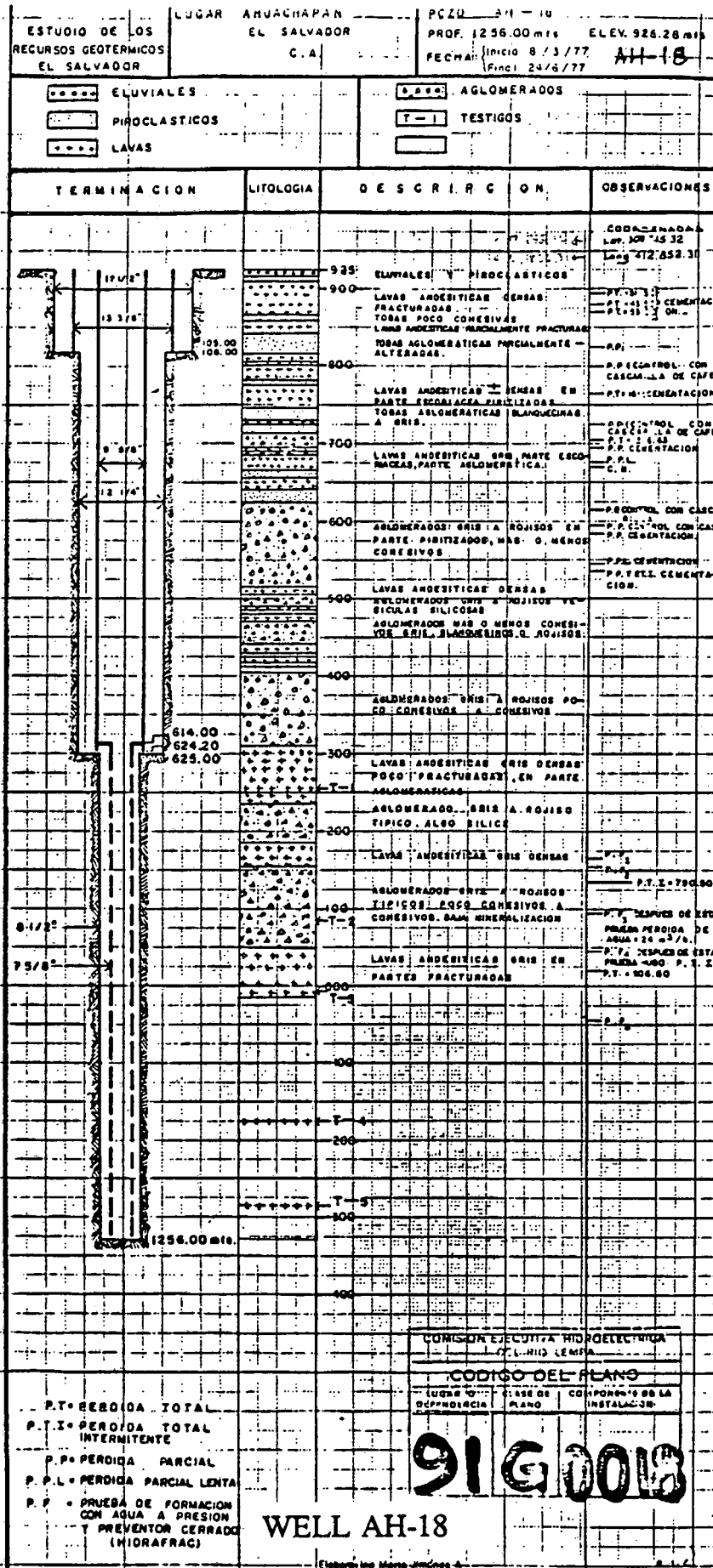


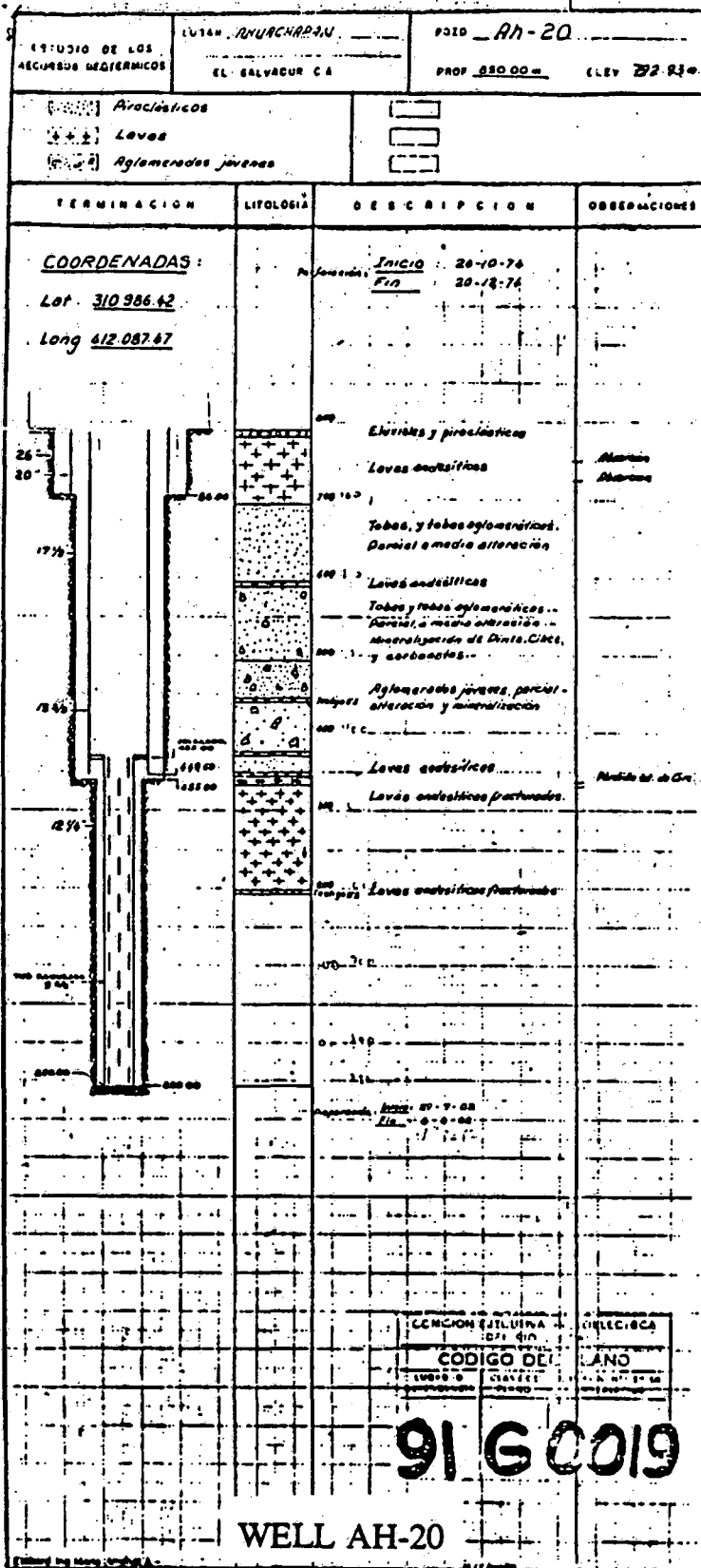
COMISION EJECUTIVA DE INVESTIGACIONES Y SERVICIOS
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WELL AH-15









AH-21

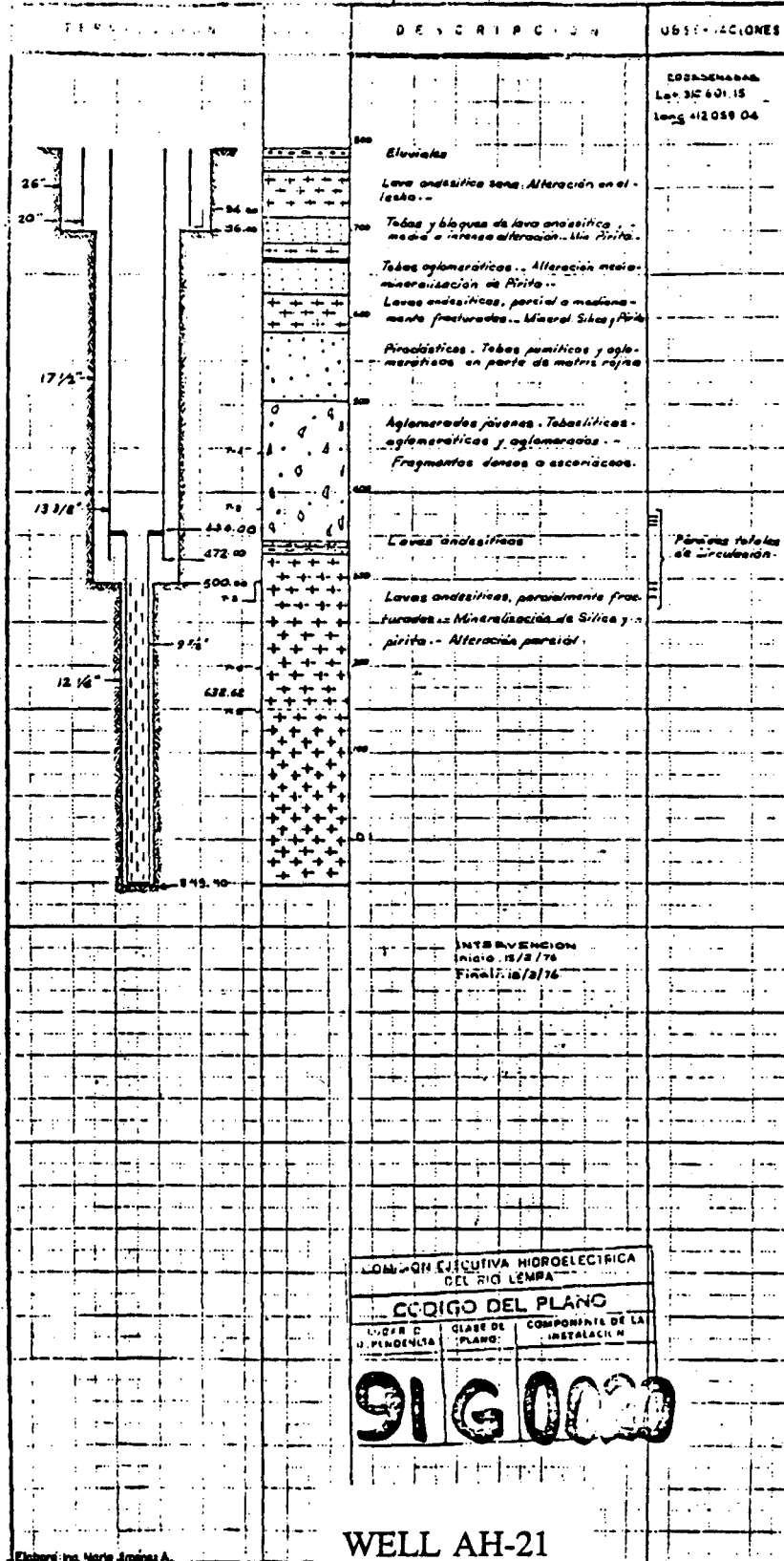
843.40

733.00

Eluviales
 Proclásticas
 Lavas

Suelo
 Testigo

AH-21



659 50

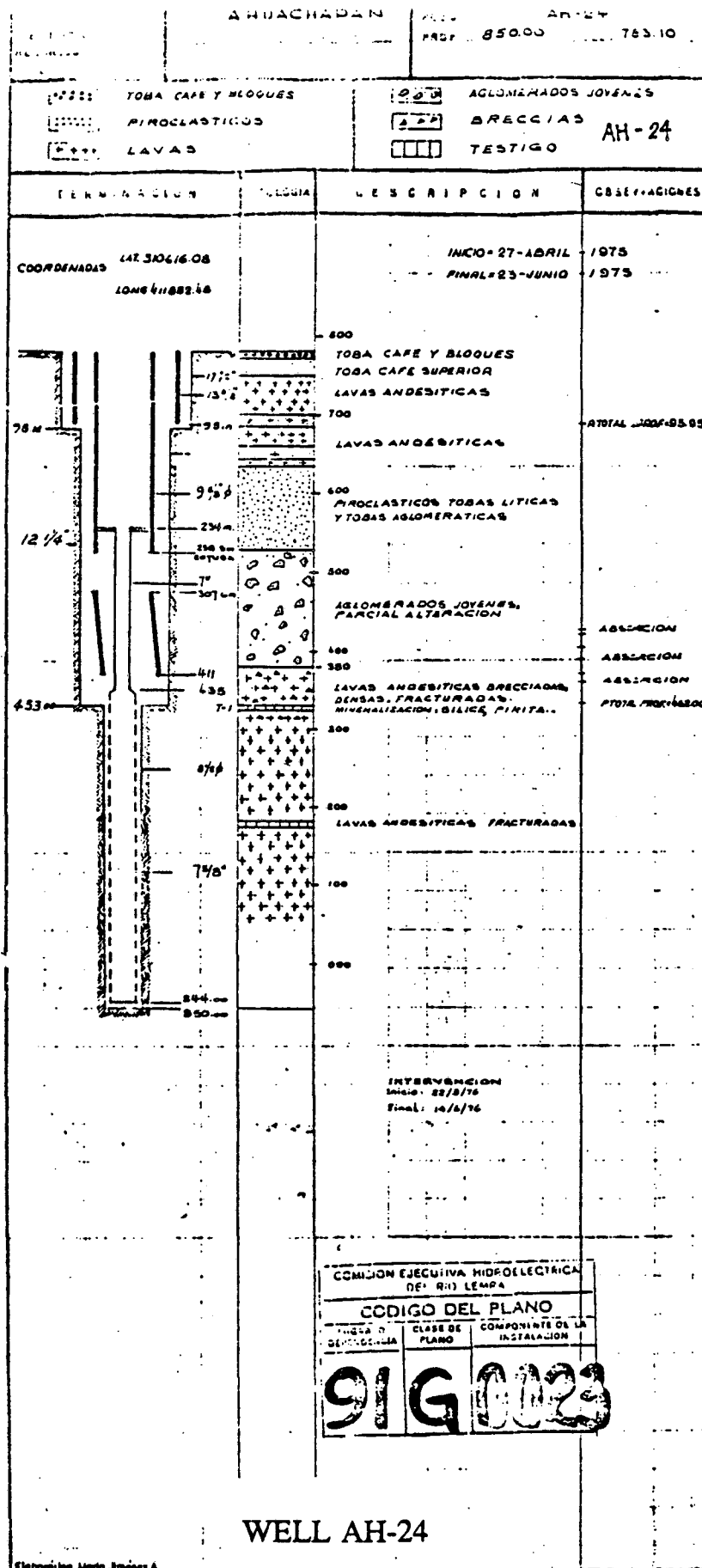
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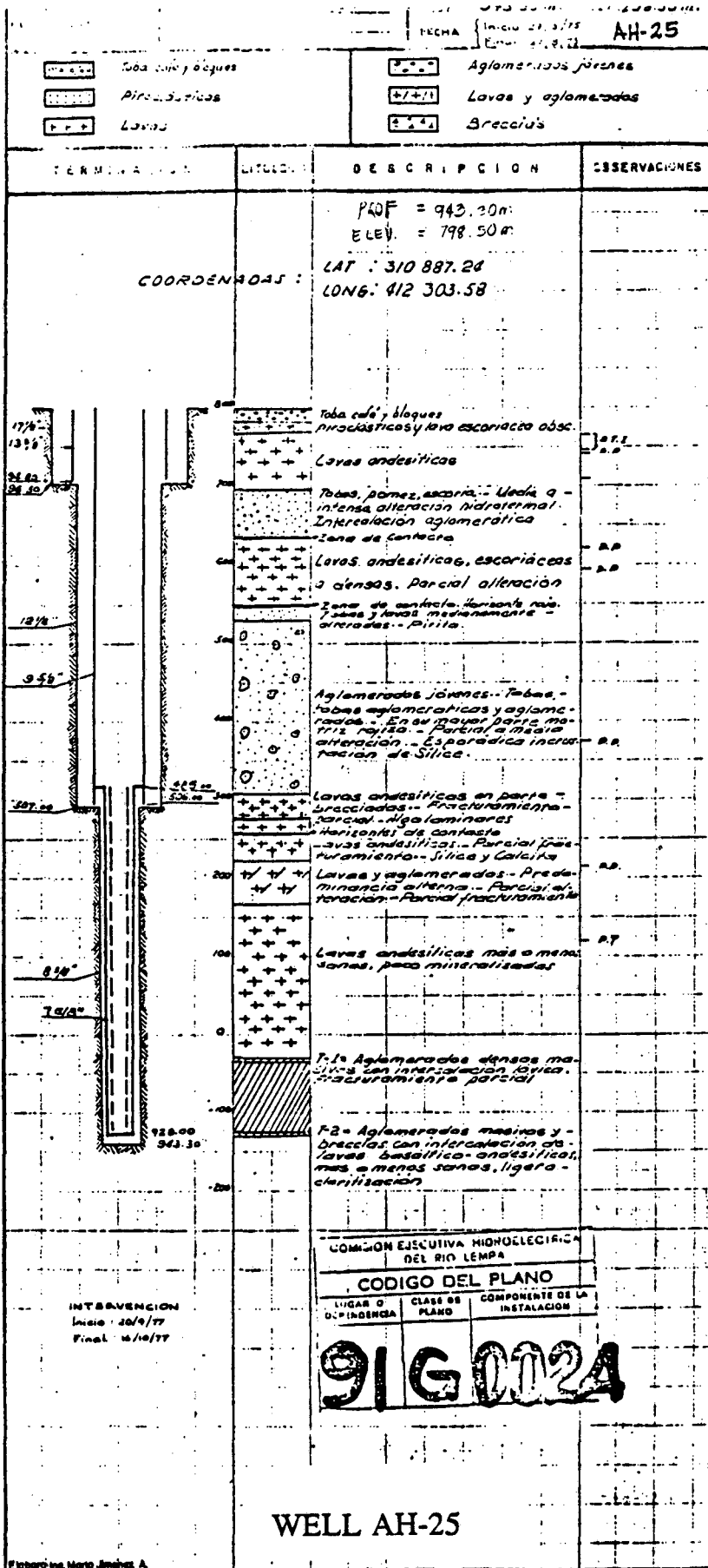
Dir. Geol. y Min. 2000
 Lavas
 Aglomerados, arenas

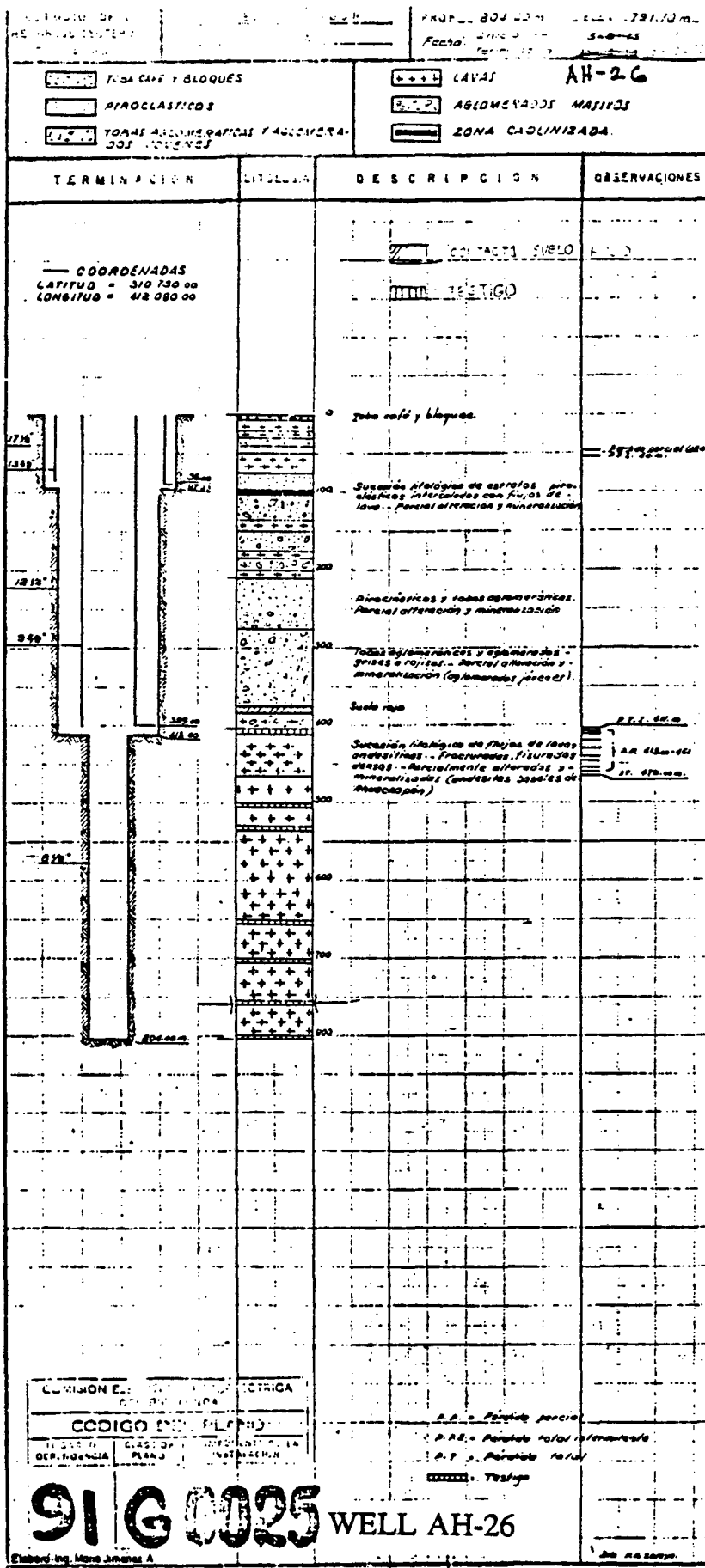
No hay muestras
 Testigo AH-22
 Aglomerados densos

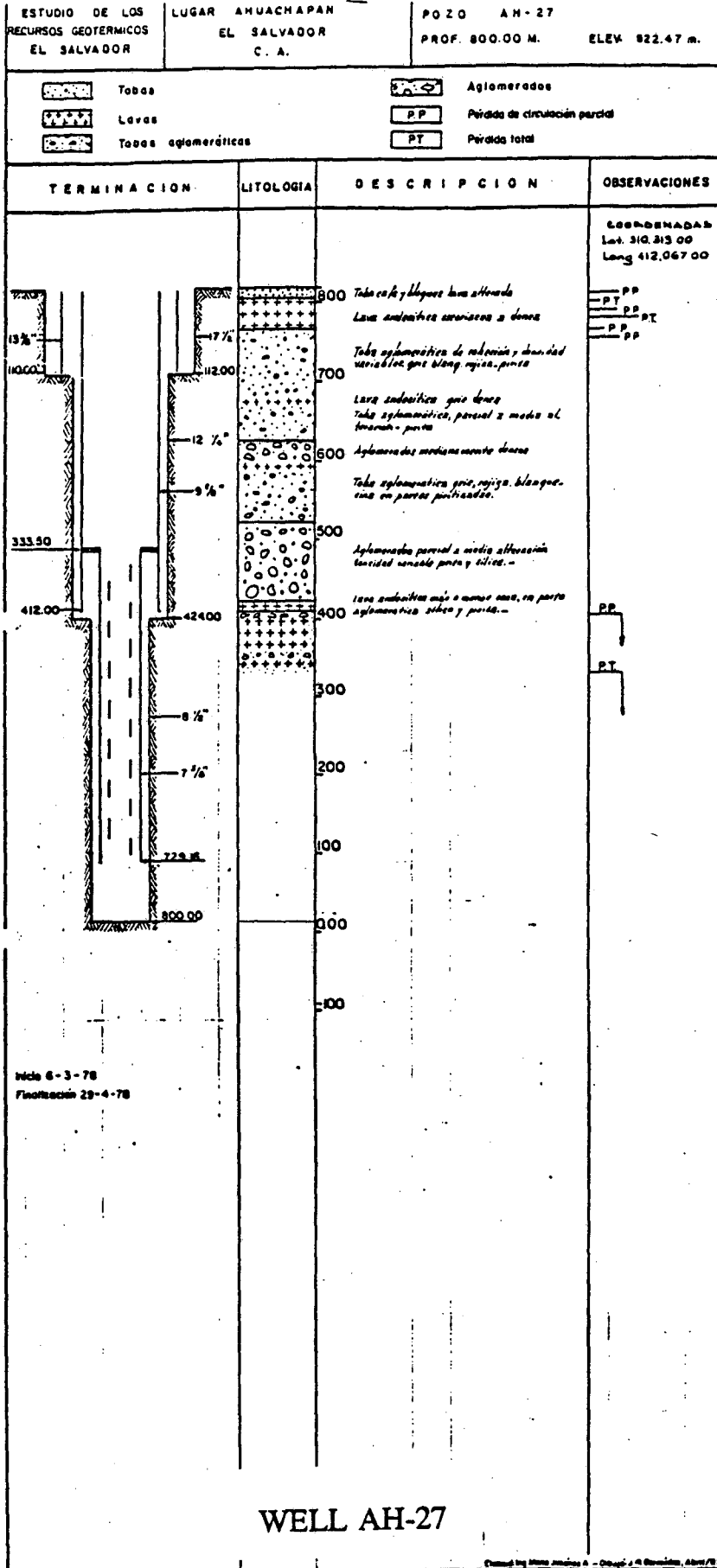
PROFUNDIDAD	DESCRIPCION	OBSERVACIONES
Coordenadas { Lat. 310632.21 Long. 32553.65		
17' 13"	800 Tabas café y bloques Lava andesítica sana.	Partes total
39.50 53.00	700 Lava andesítica escoriada Cafe rajiza sana.	Partes parcial
12 1/4"	600 Tabas aglomeradas, masas o intensamente alteradas. Lavas andesíticas fracturadas. Parcial a media alteración. Partes y Salcitas.	Partes parcial
9 3/8"	500 Lavas andesíticas, gris banas, no fracturadas.	Partes parcial
508.82 517.00	400 Aglomerados y tabas aglomeradas, partículas grises y rajizas. Baja mineralización.	Partes parcial
Testigo 2	300 Testigo N° 1 Lavas andesíticas fracturadas parcial alteración.	Partes parcial Partes total
535 Testigo 3	200 Aglomerados densos y lavas Lava andesítica fracturada con intercalación aglomerática.	
	100	
COMISION EJECUTIVA HIDROELECTRICA DEL RIO LEMMA CODIGO DEL PLANO LUGAR O CLASE DE COMPONENTE DE DEPENDENCIA PLANO INSERACION 91G0021		
WELL AH-22		

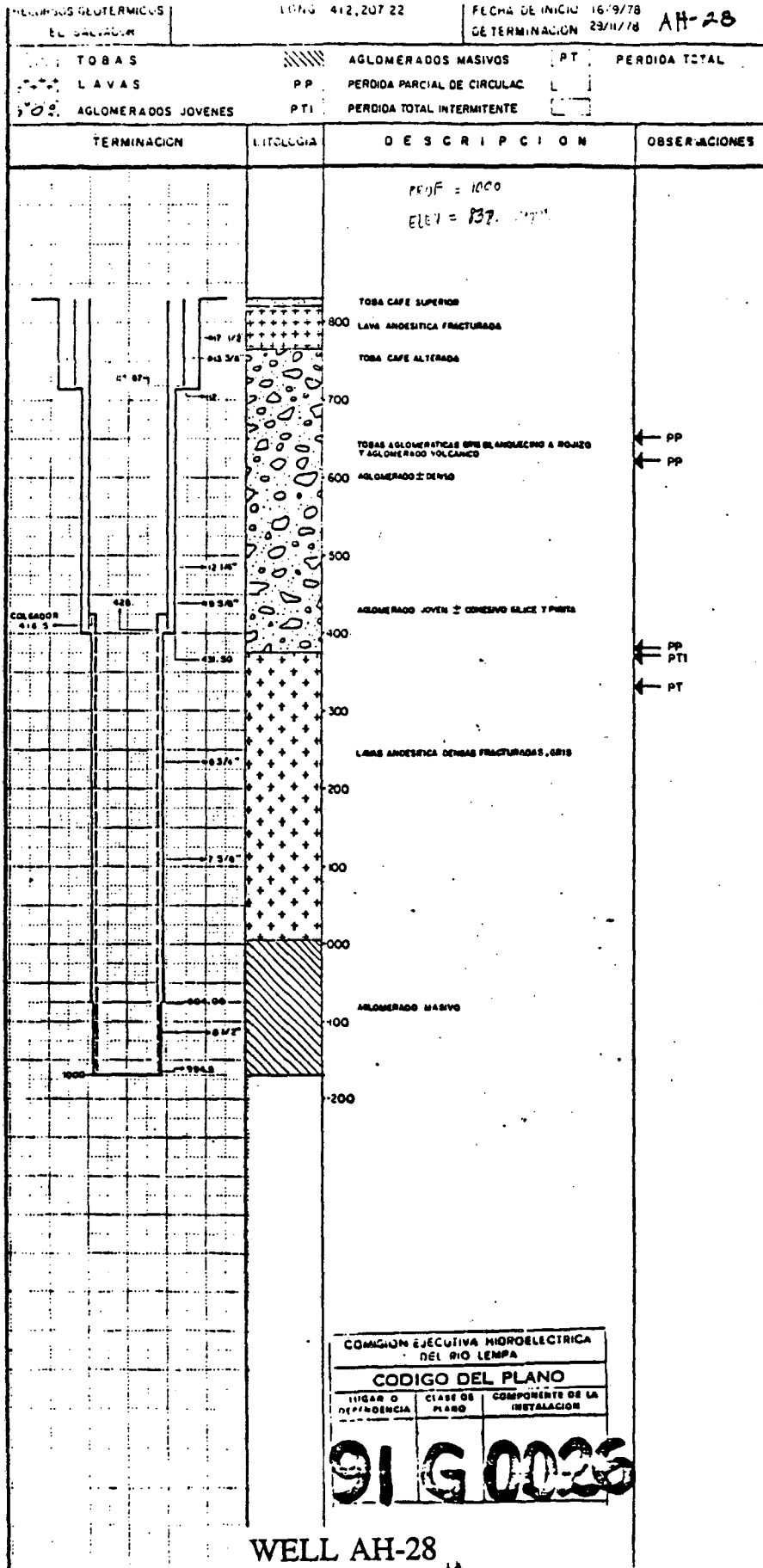
Elaborado por Mario Jimenez

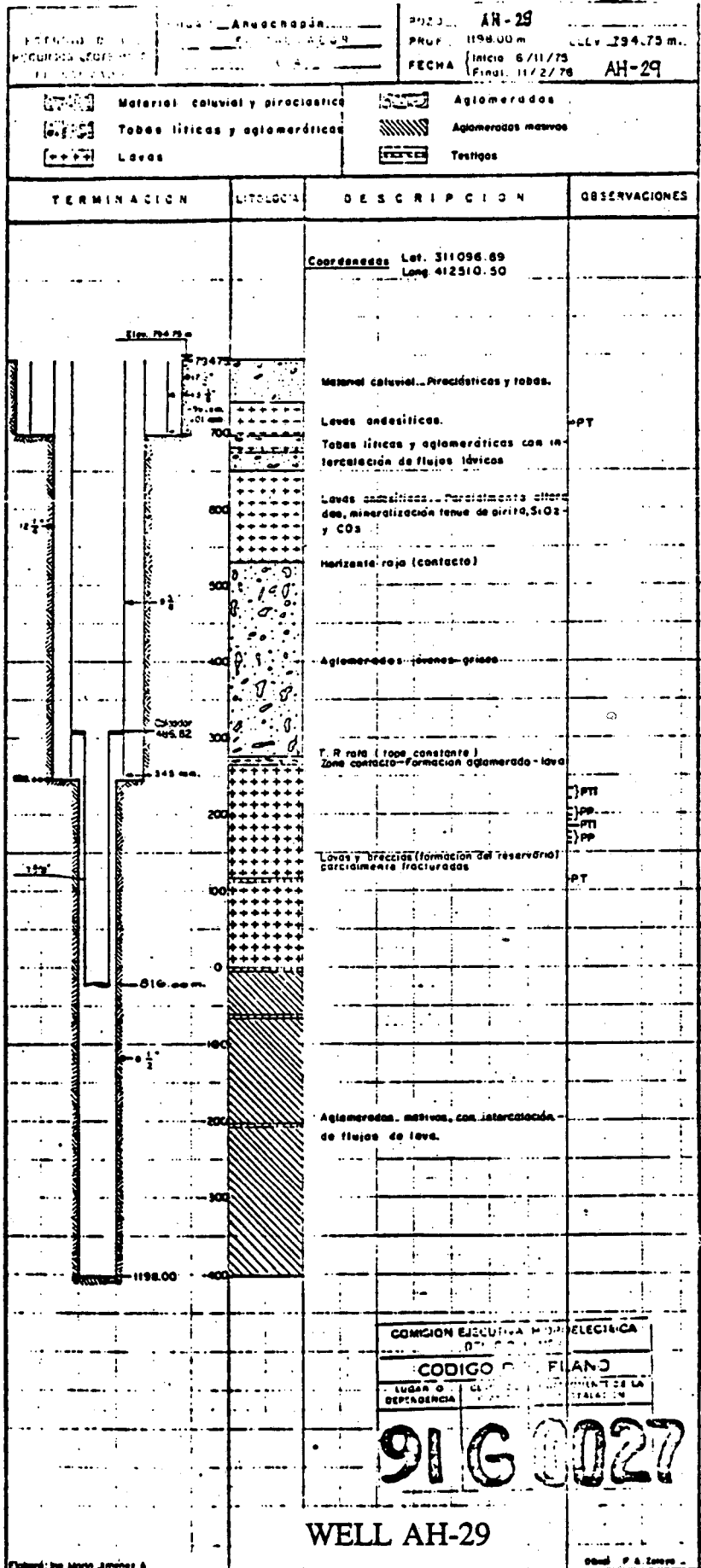












ANILLO DE FONDO

310,461 C3
411,989.53

AH - 30

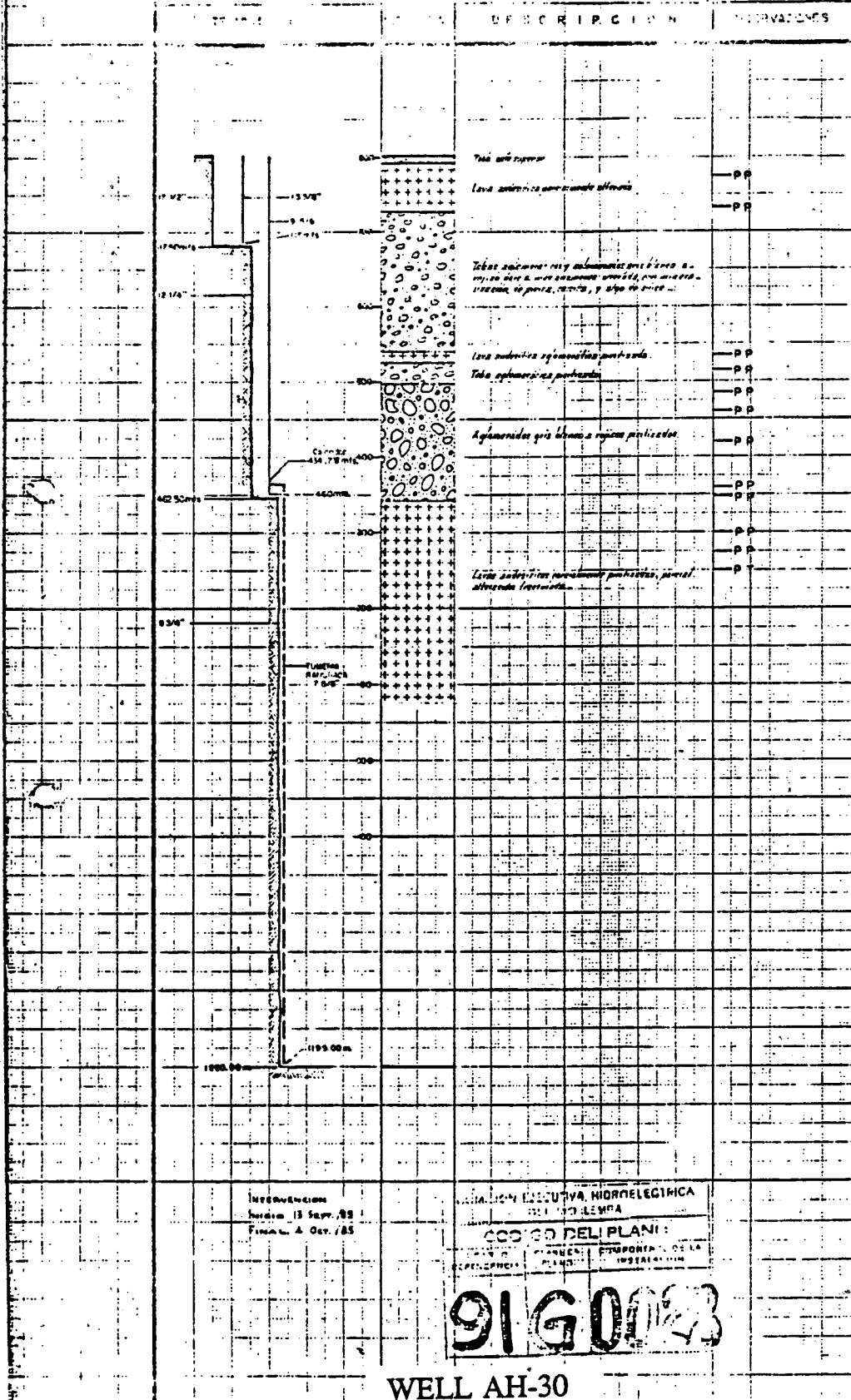
17/2/79
17/2/79

Toba Cofa

Lava Andesítica

+++ Lava Andesítica

••• Toba Aglomerática y aglomeradas



Introducción
Fecha: 13 Sept. 85
Fin: 4 Oct. 85








COMISIÓN EJECUTIVA HIDROELECTRICA
DEL GOBIERNO
CORPO DEL PLAN
PLANES DE DESARROLLO DE LA
ELECTRICIDAD

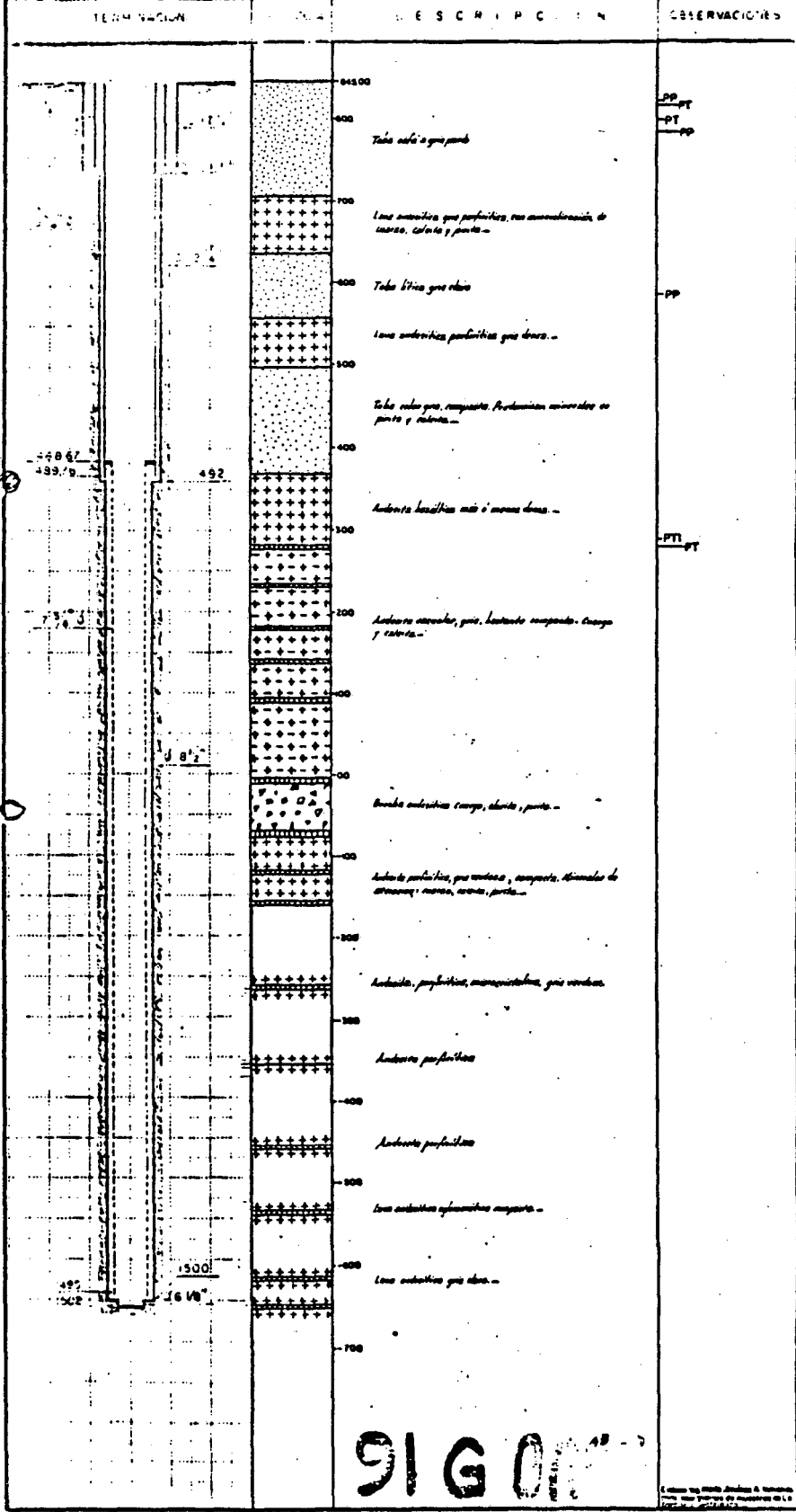
91G0023

WELL AH-30

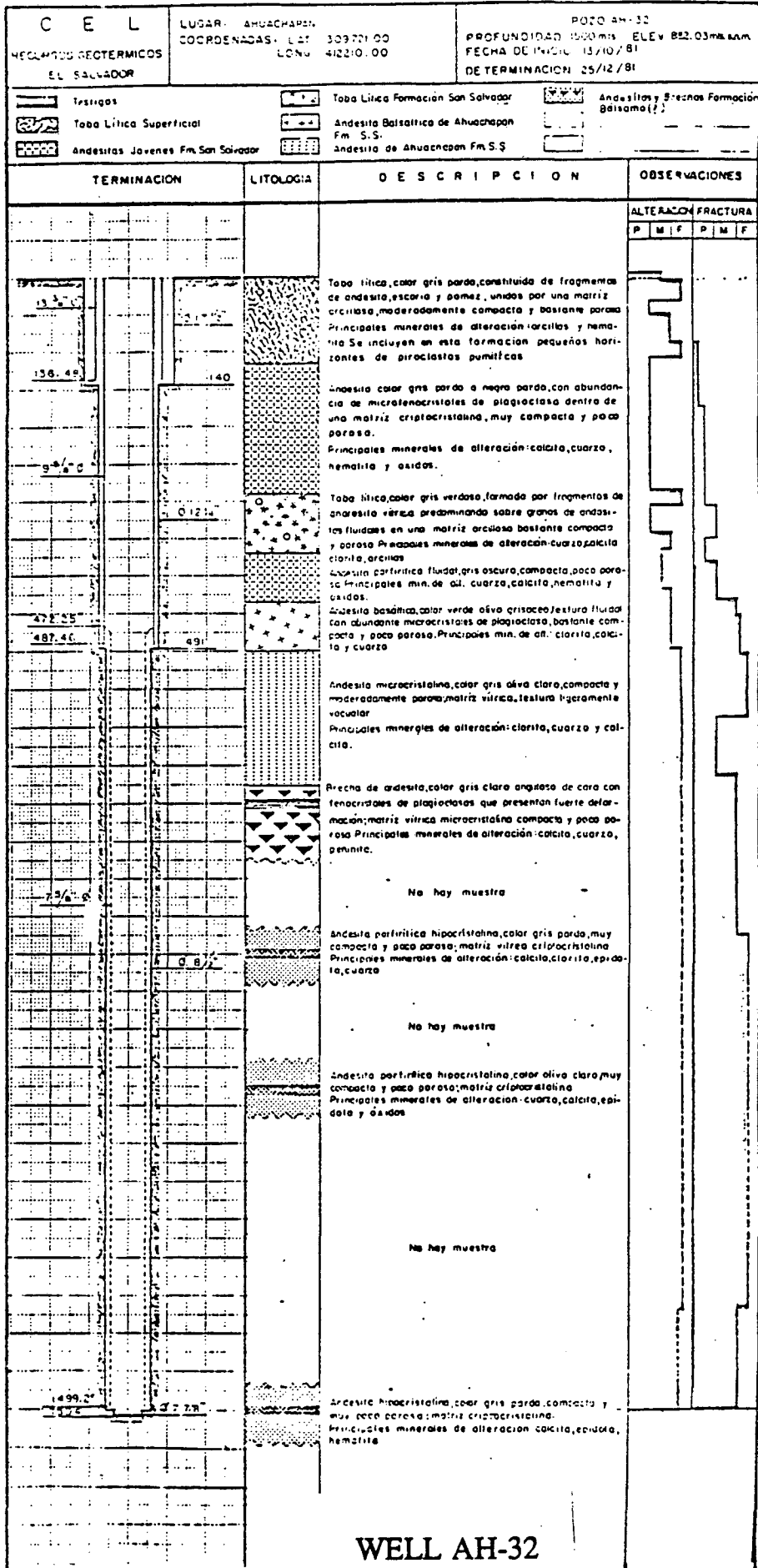
AH-31
1500

31
445 mts. 3000
1961
30 (1961)

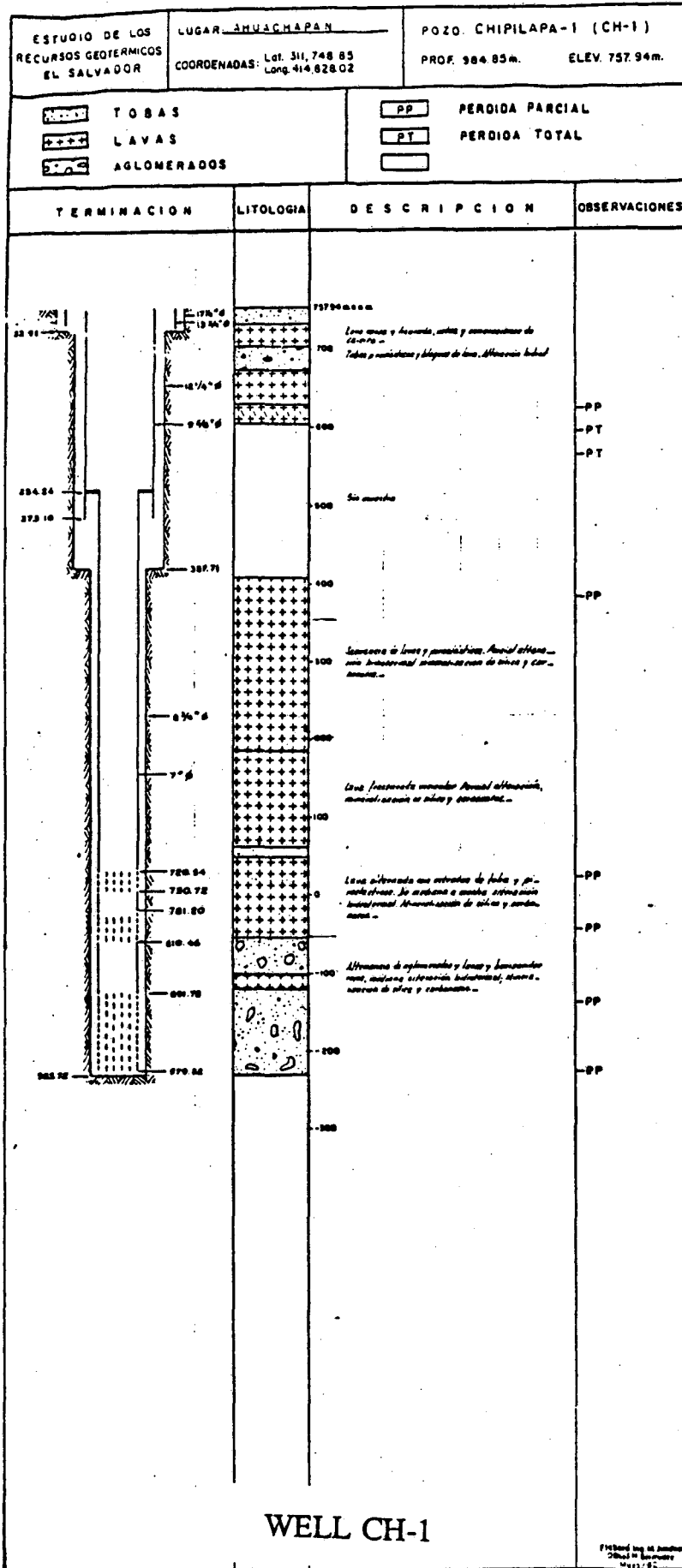
 TOBAS	 TESTIGO	 PT PERDIDA TOTAL
 LAVAS	 PP PERDIDA PARCIAL DE CIRCULACION	 PTI PERDIDA TOTAL INTERMITENTE
 BRECCIAS		



WELL AH-31



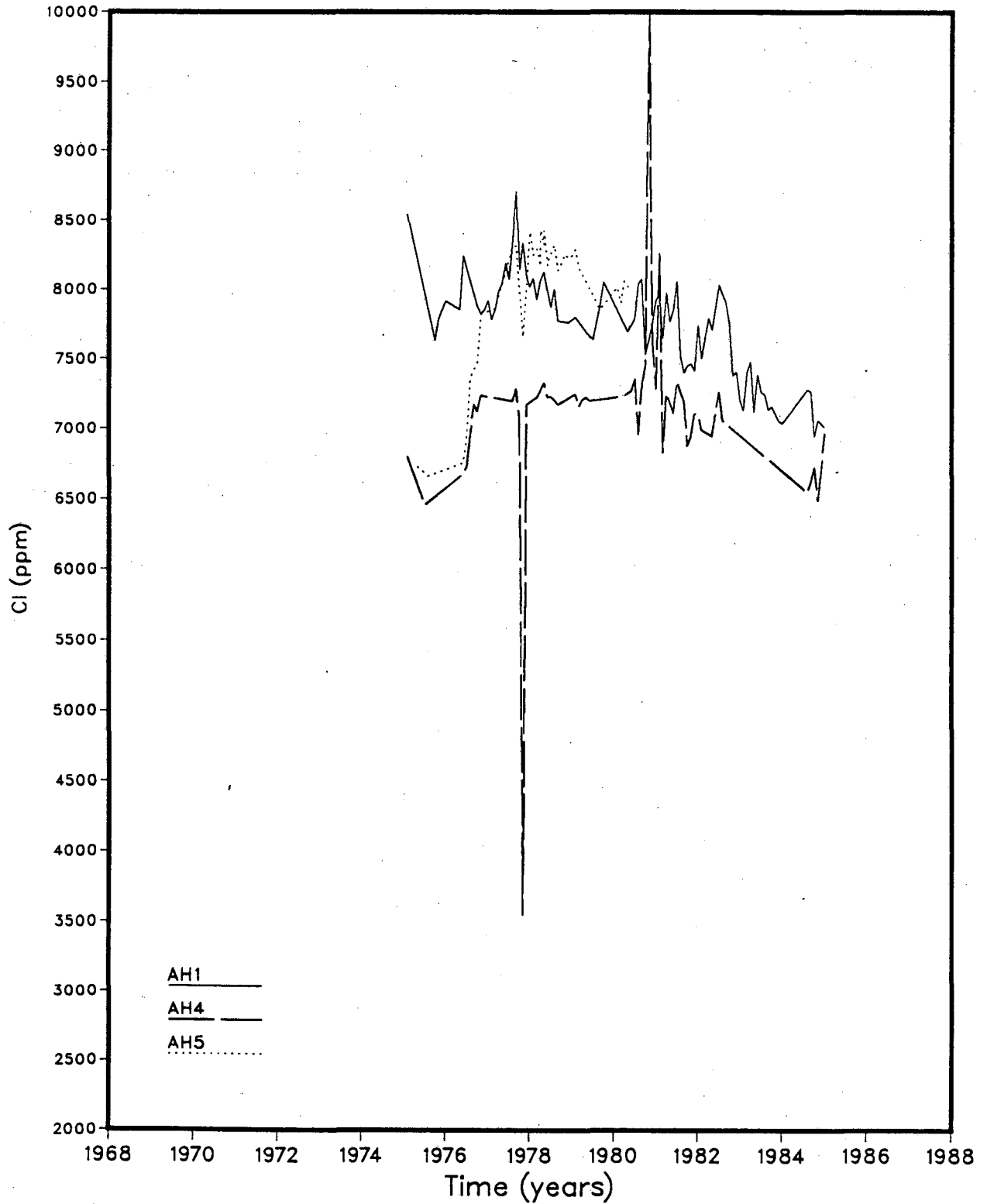
WELL AH-32



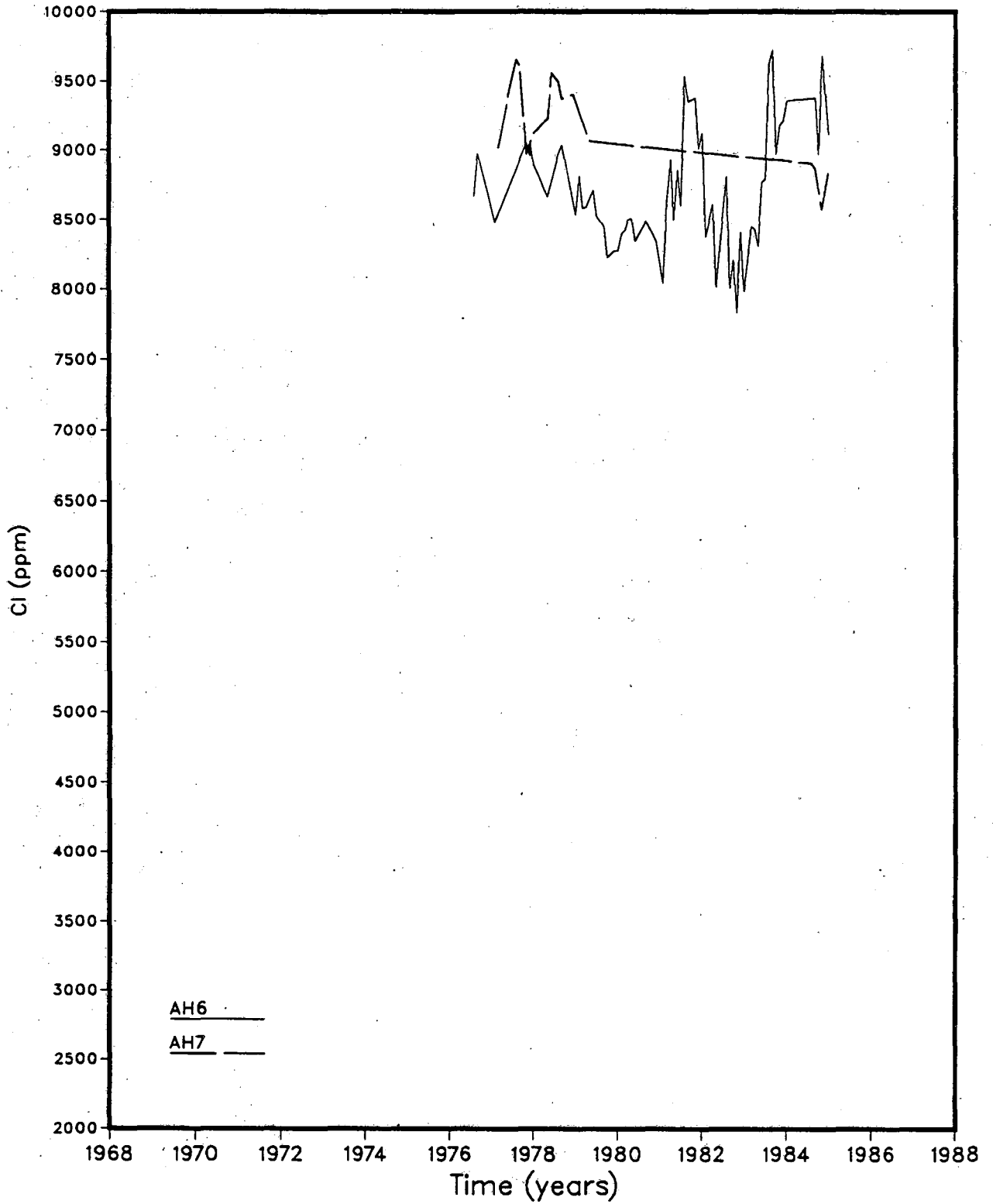
APPENDIX G

(Water and Gas Chemistry Plots)

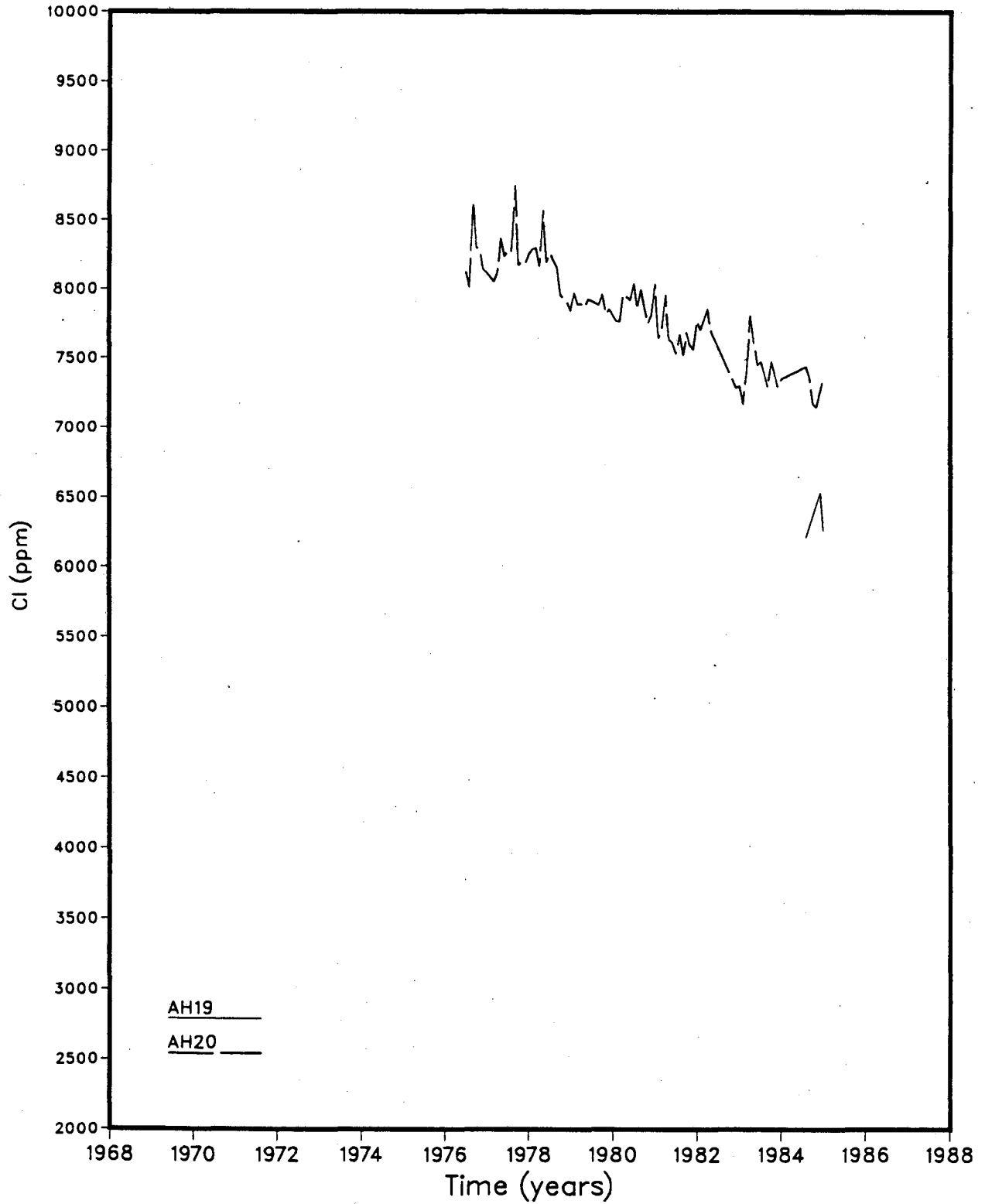
Water Chemistry (Cl Reservoir)



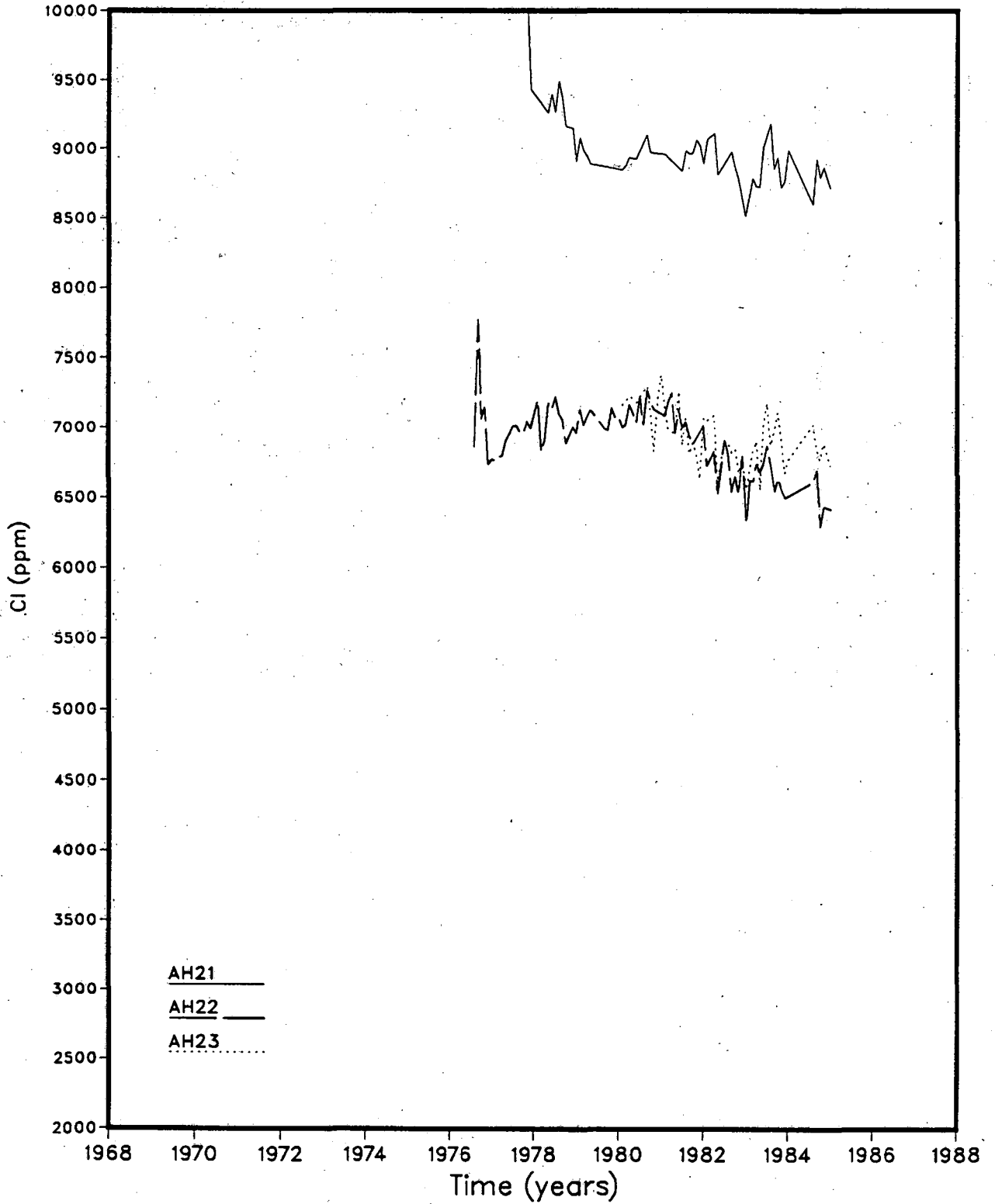
Water Chemistry (Cl Reservoir)



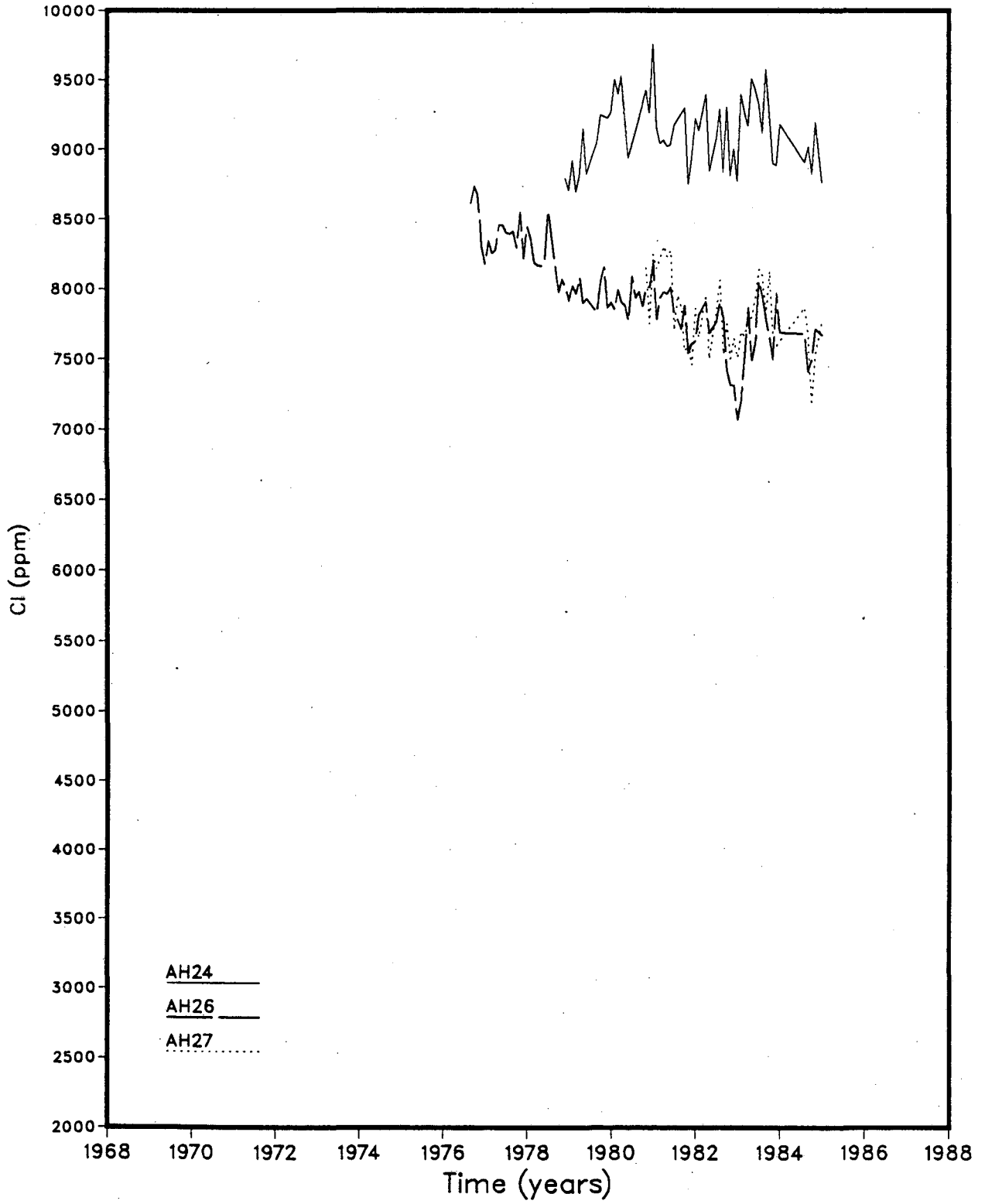
Water Chemistry (Cl Reservoir)



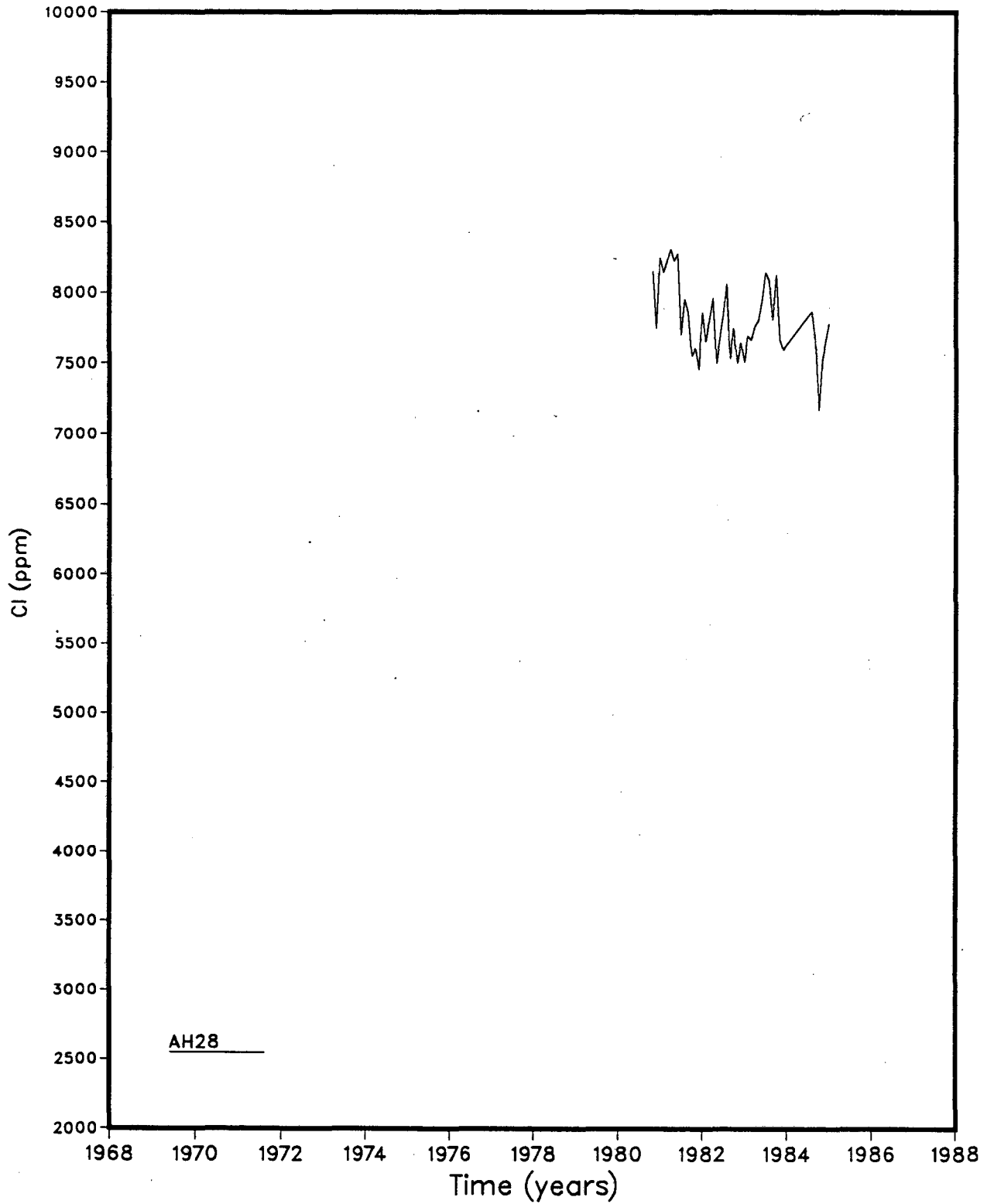
Water Chemistry (Cl Reservoir)



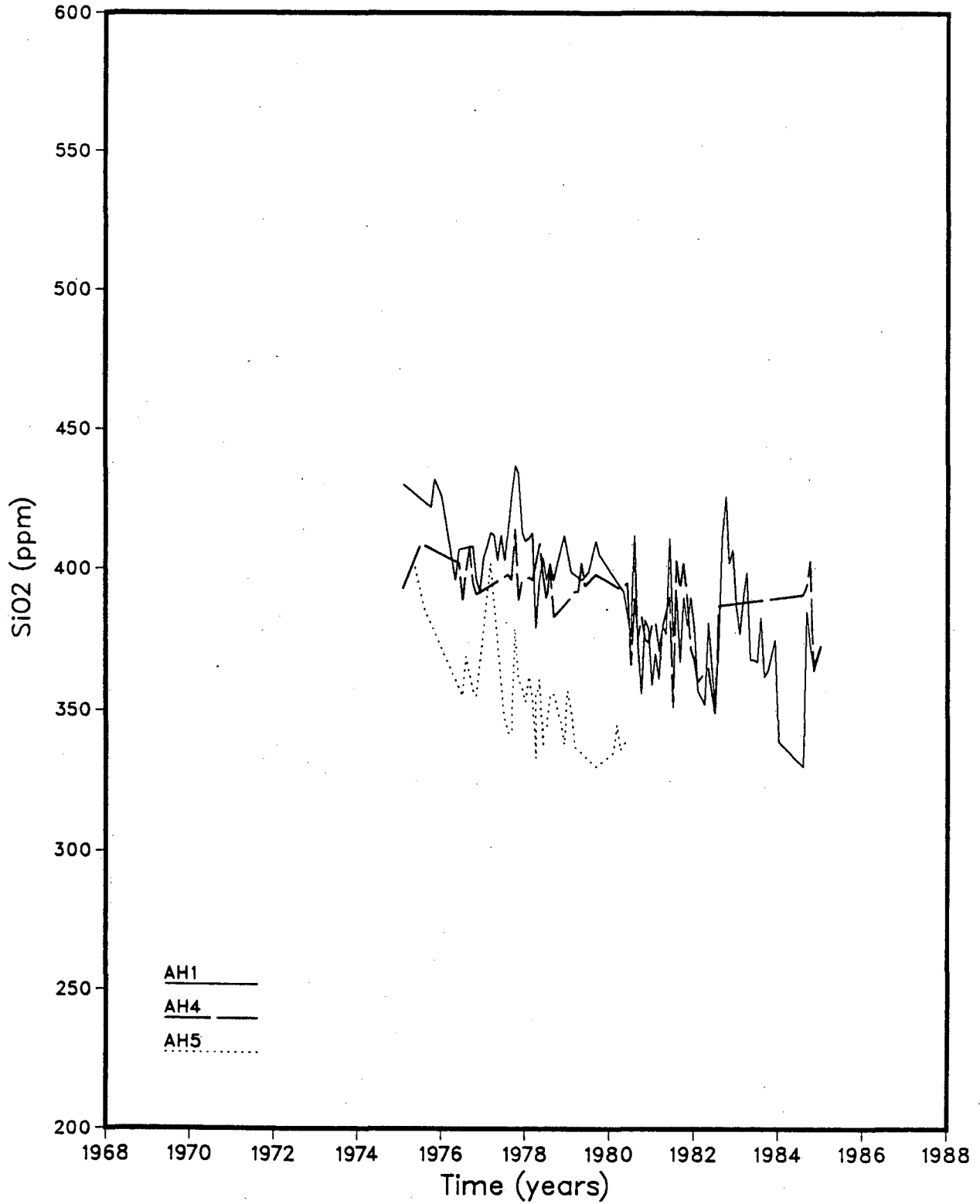
Water Chemistry (Cl Reservoir)



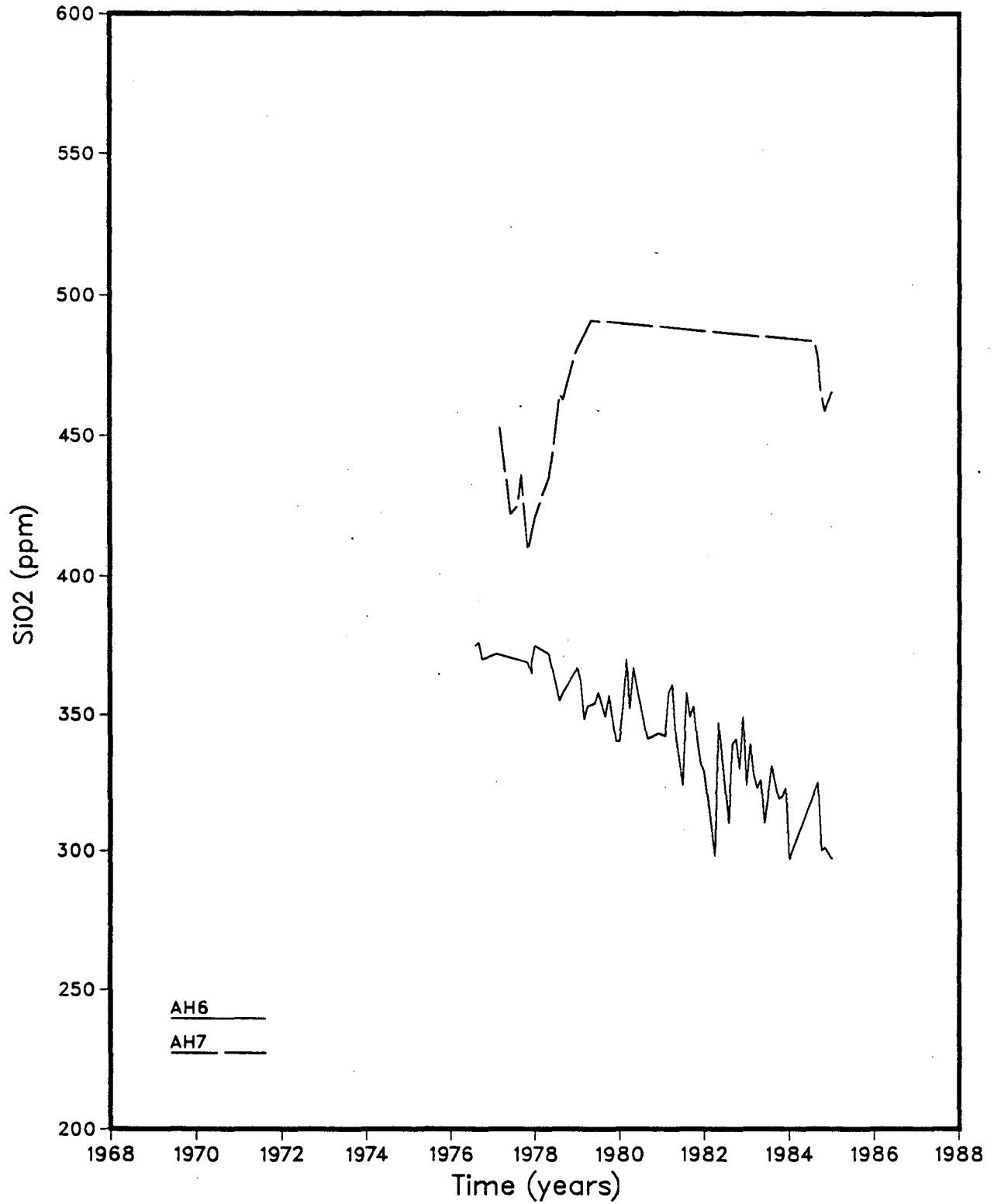
Water Chemistry (Cl Reservoir)



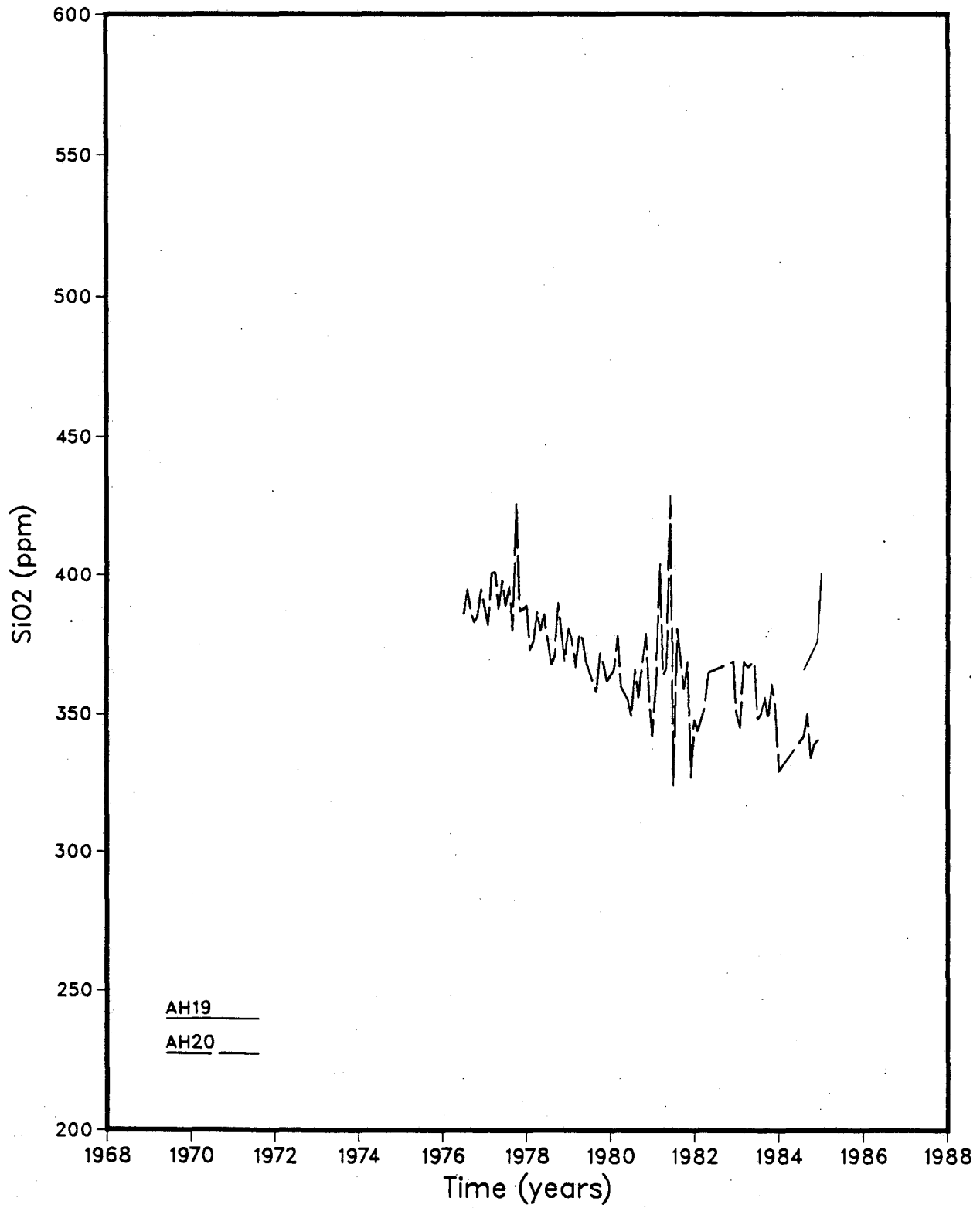
Water Chemistry (SiO₂ Reservoir)



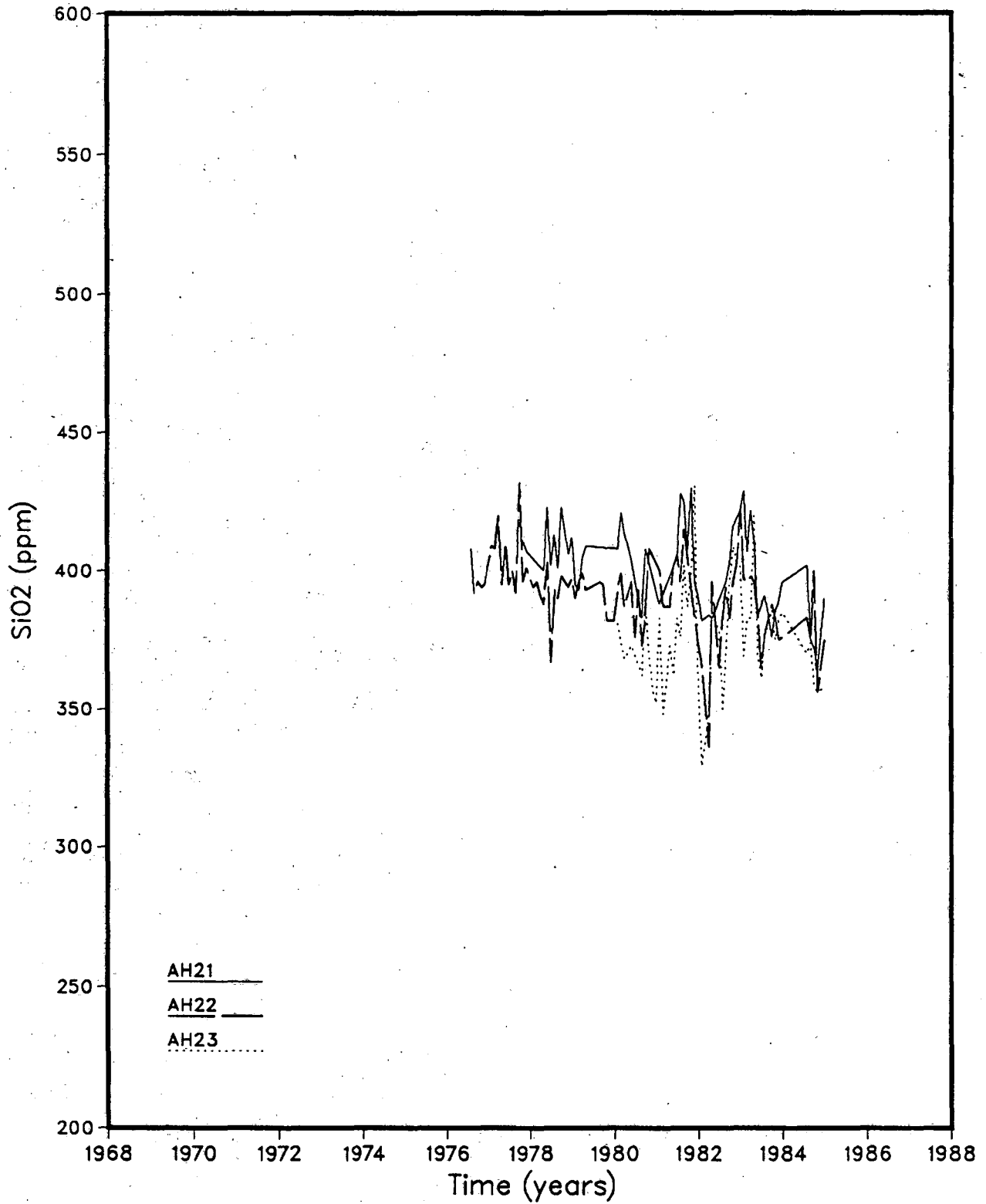
Water Chemistry (SiO₂ Reservoir)



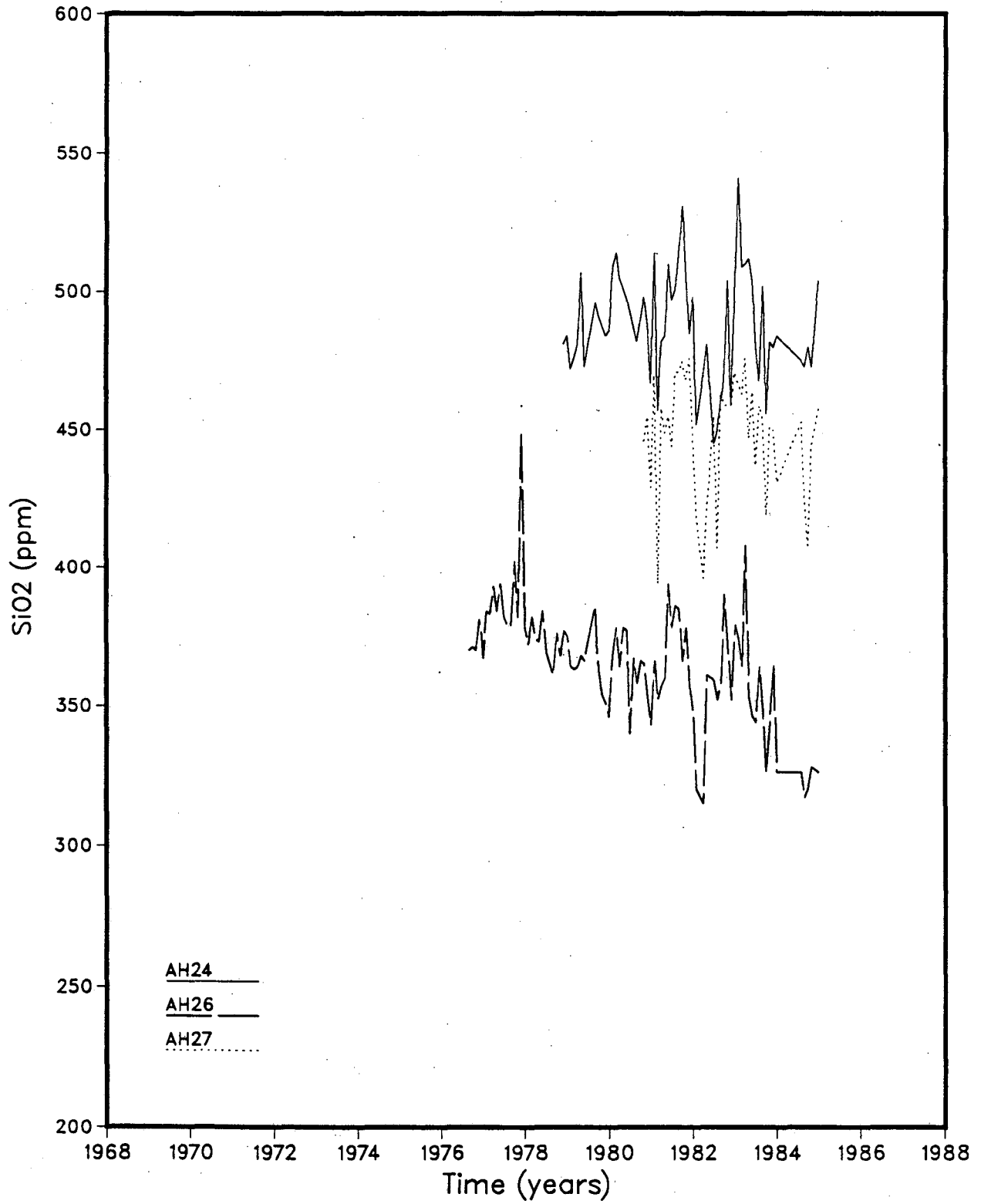
Water Chemistry (SiO₂ Reservoir)



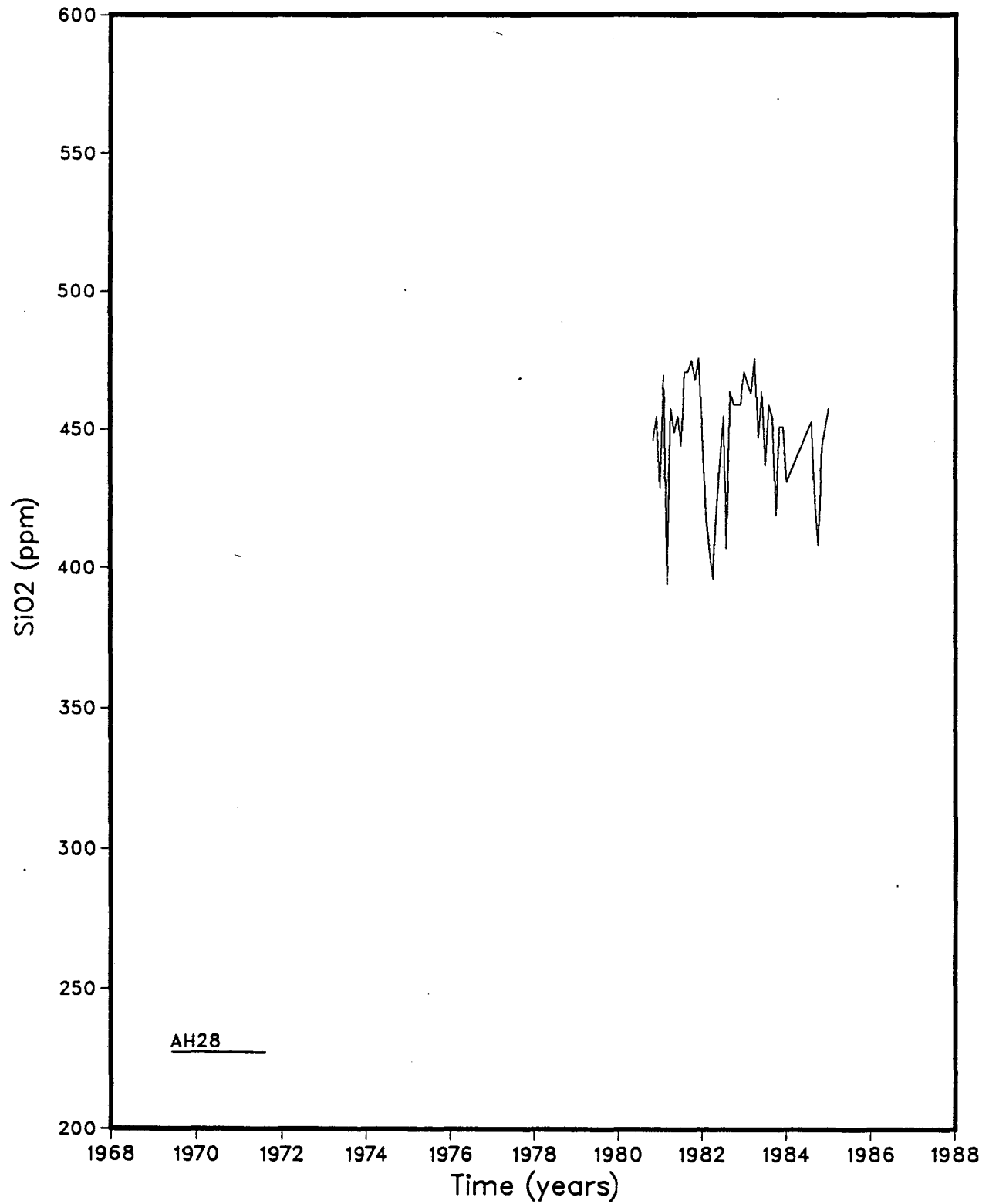
Water Chemistry (SiO₂ Reservoir)



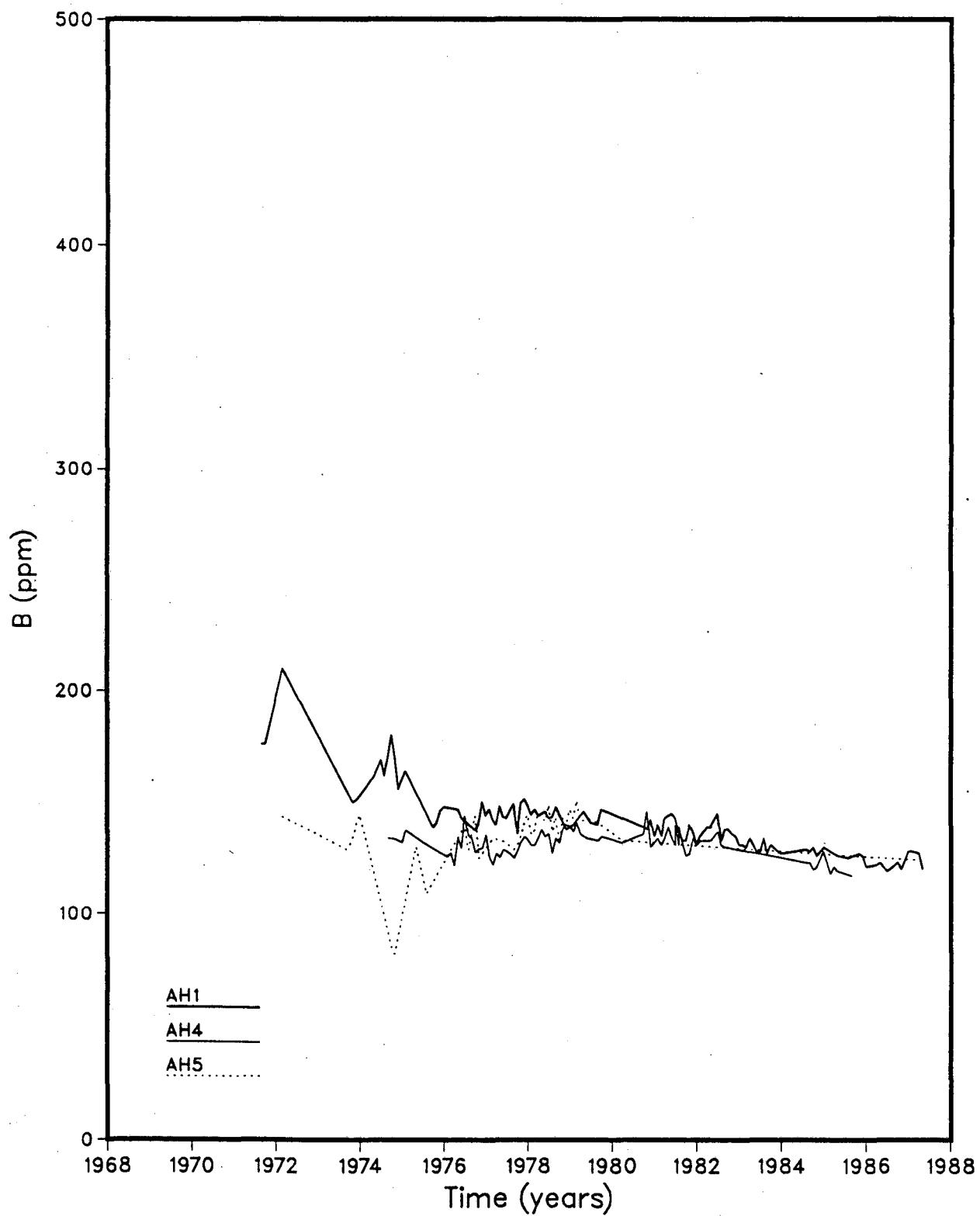
Water Chemistry (SiO₂ Reservoir)



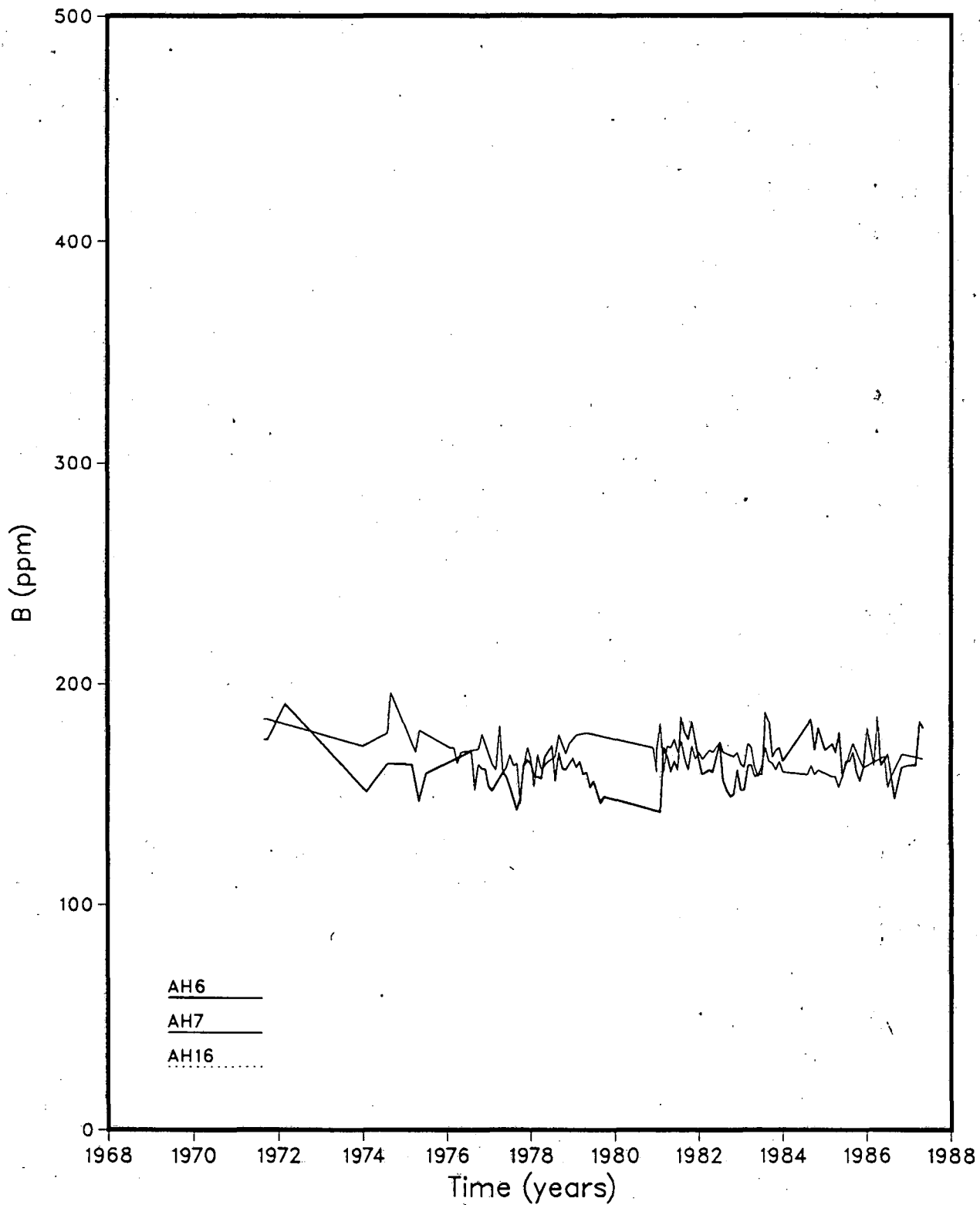
Water Chemistry (SiO₂ Reservoir)



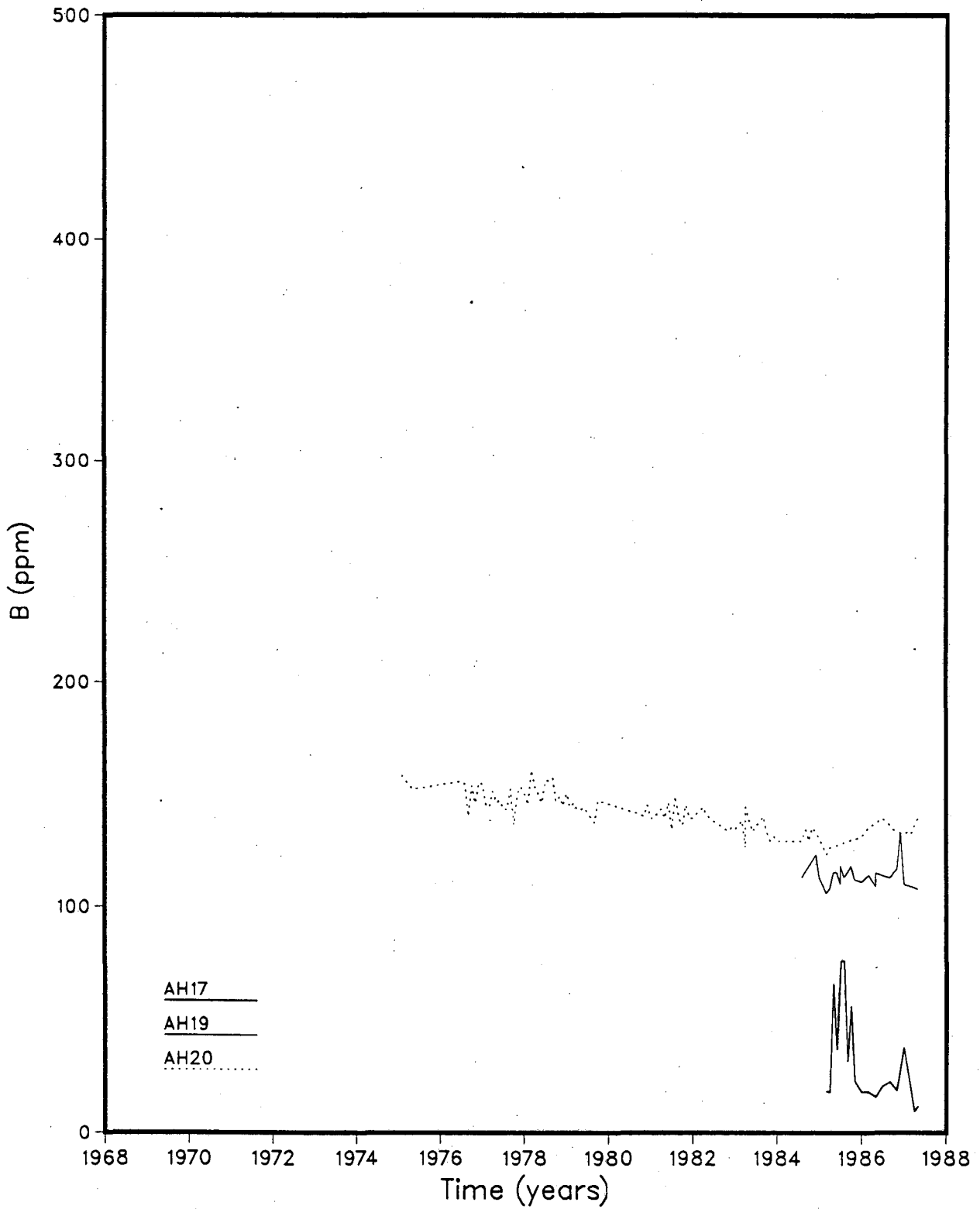
Water Chemistry (B)



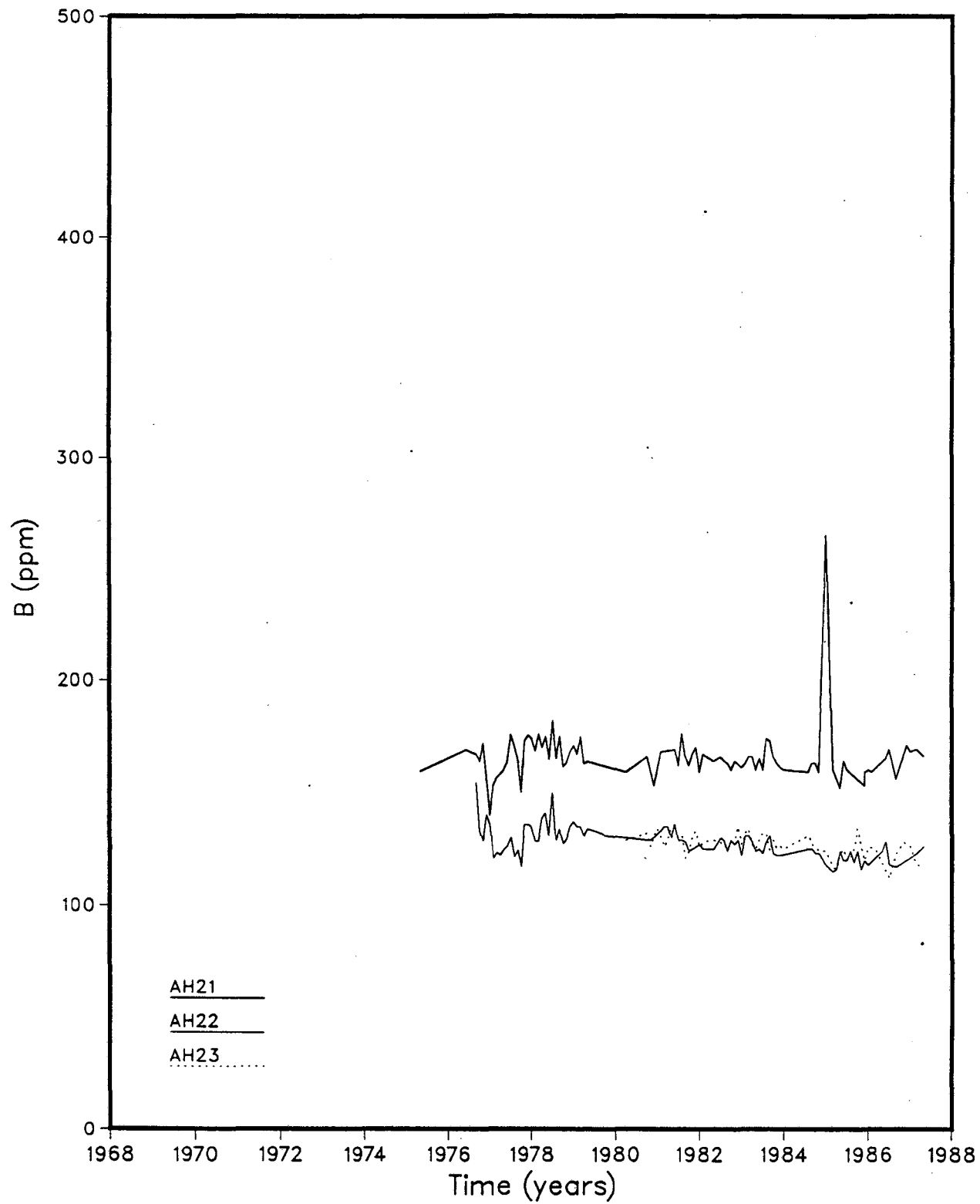
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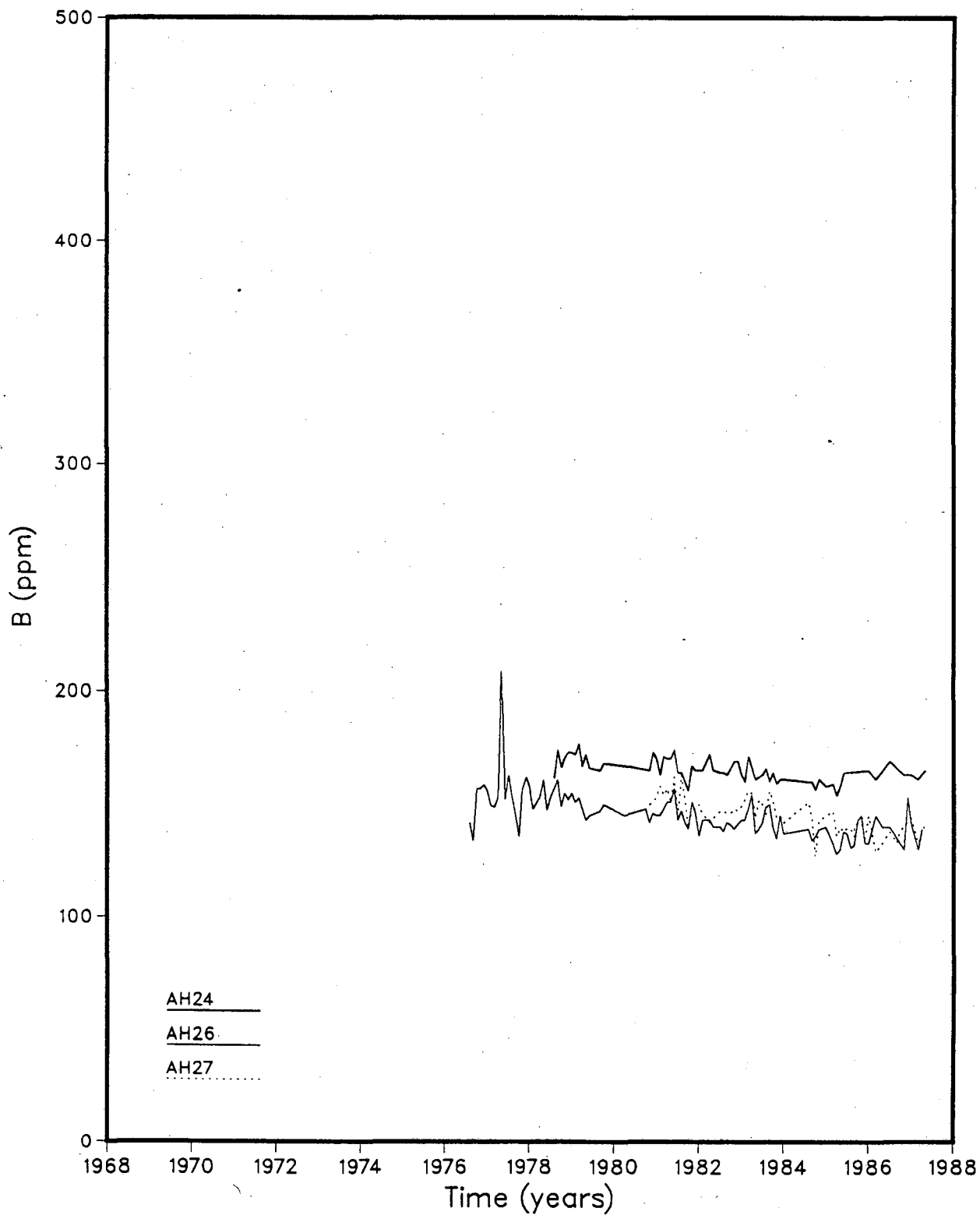
Water Chemistry (B)



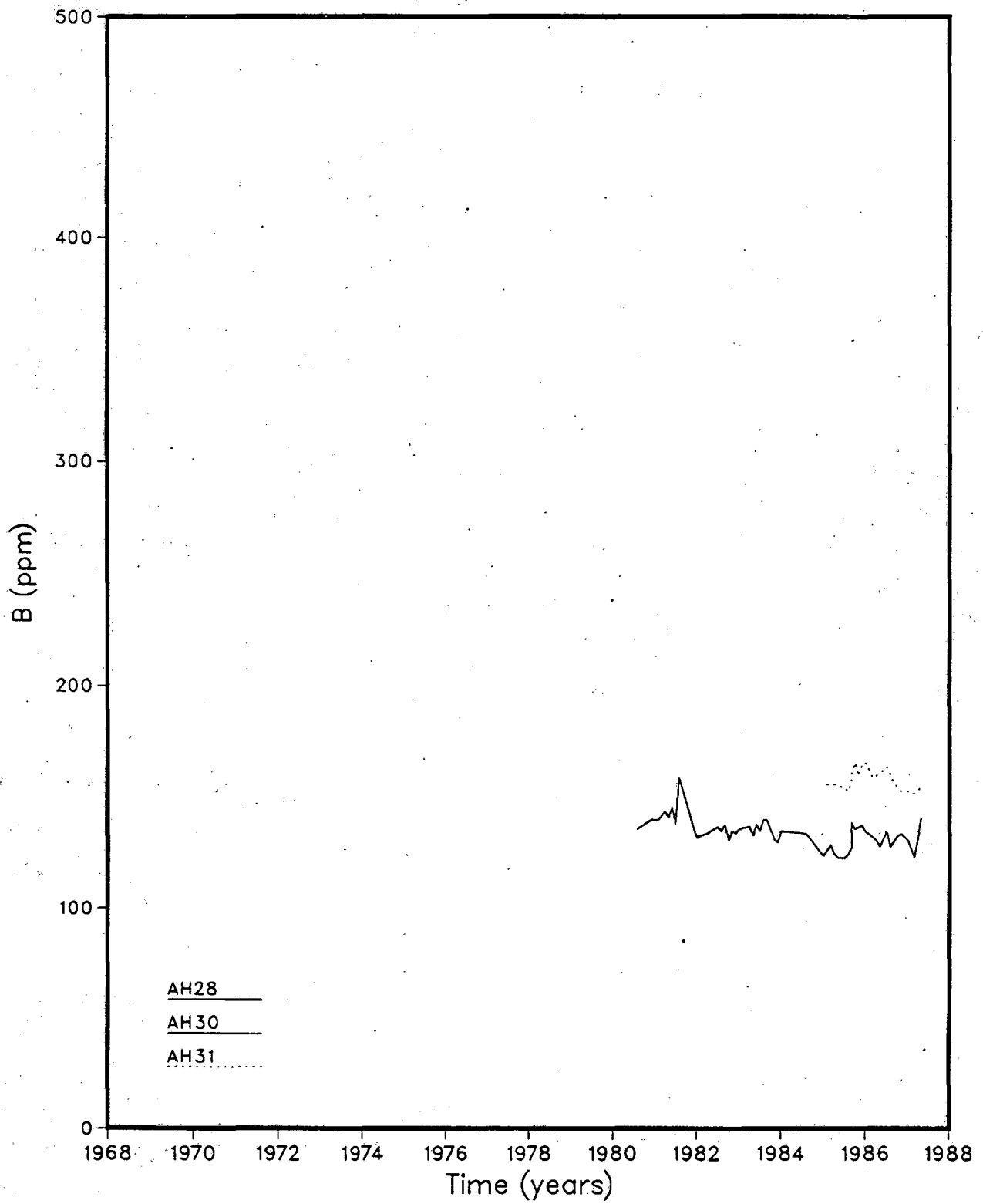
Water Chemistry (B)



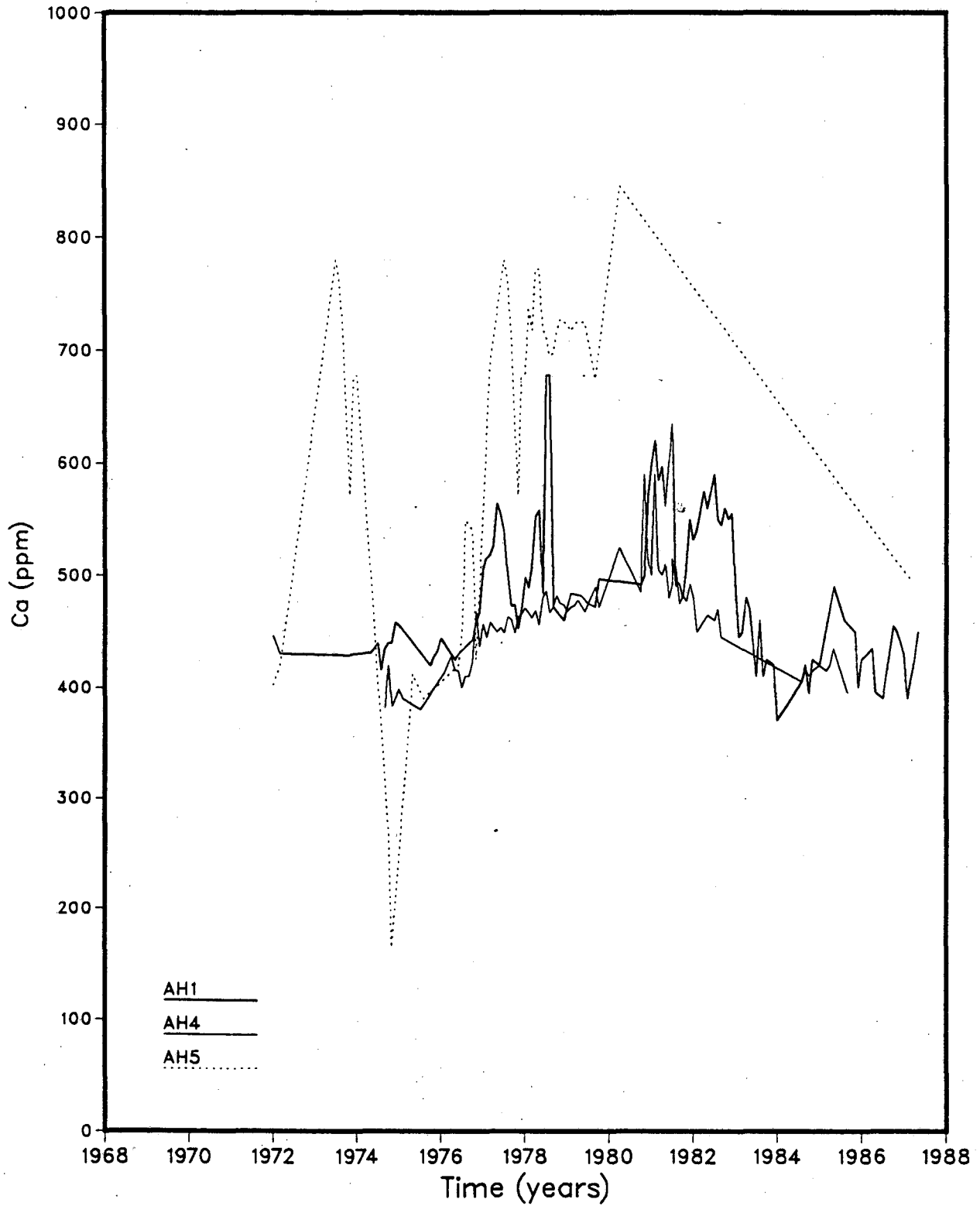
Water Chemistry (B)



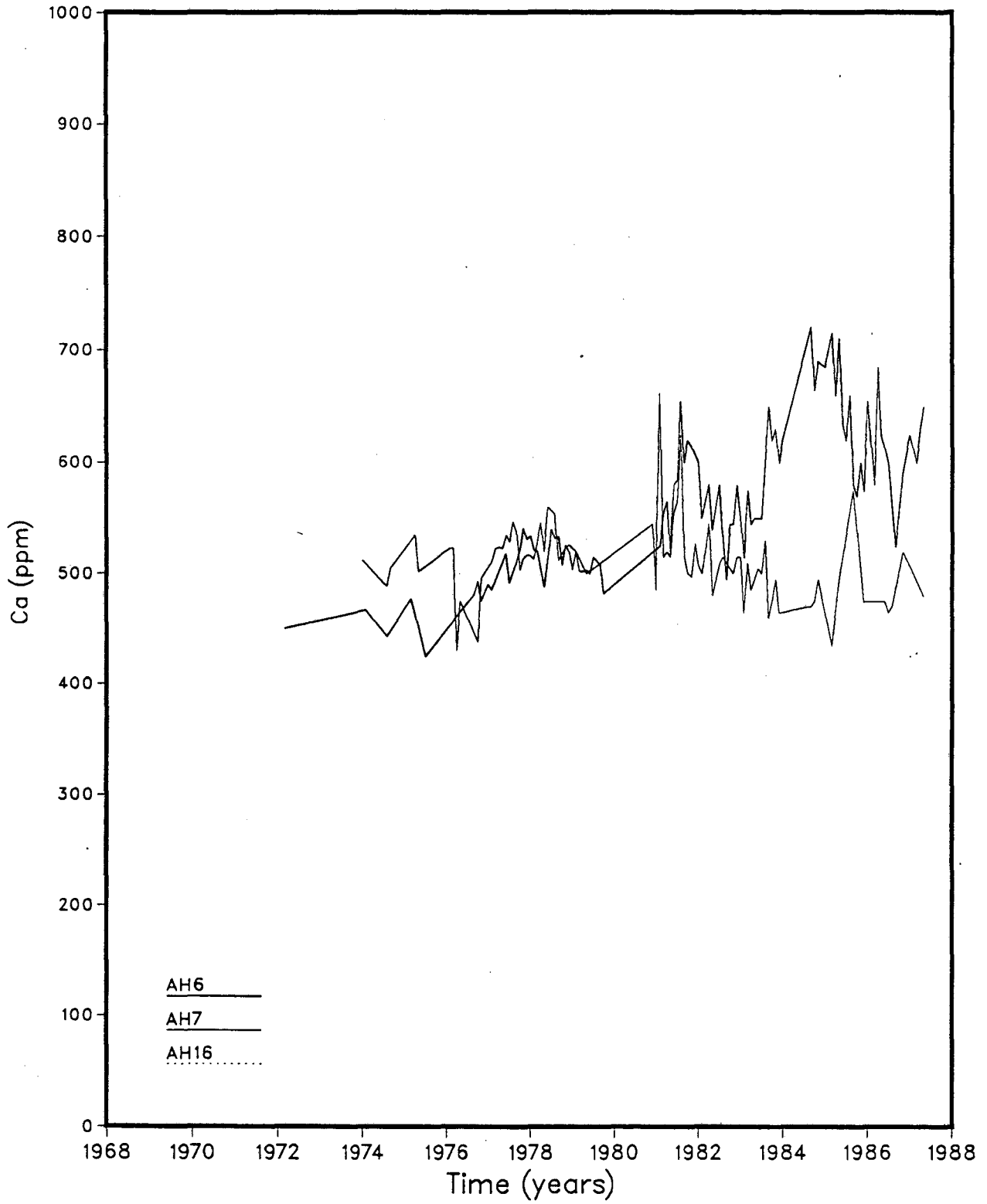
Water Chemistry (B)



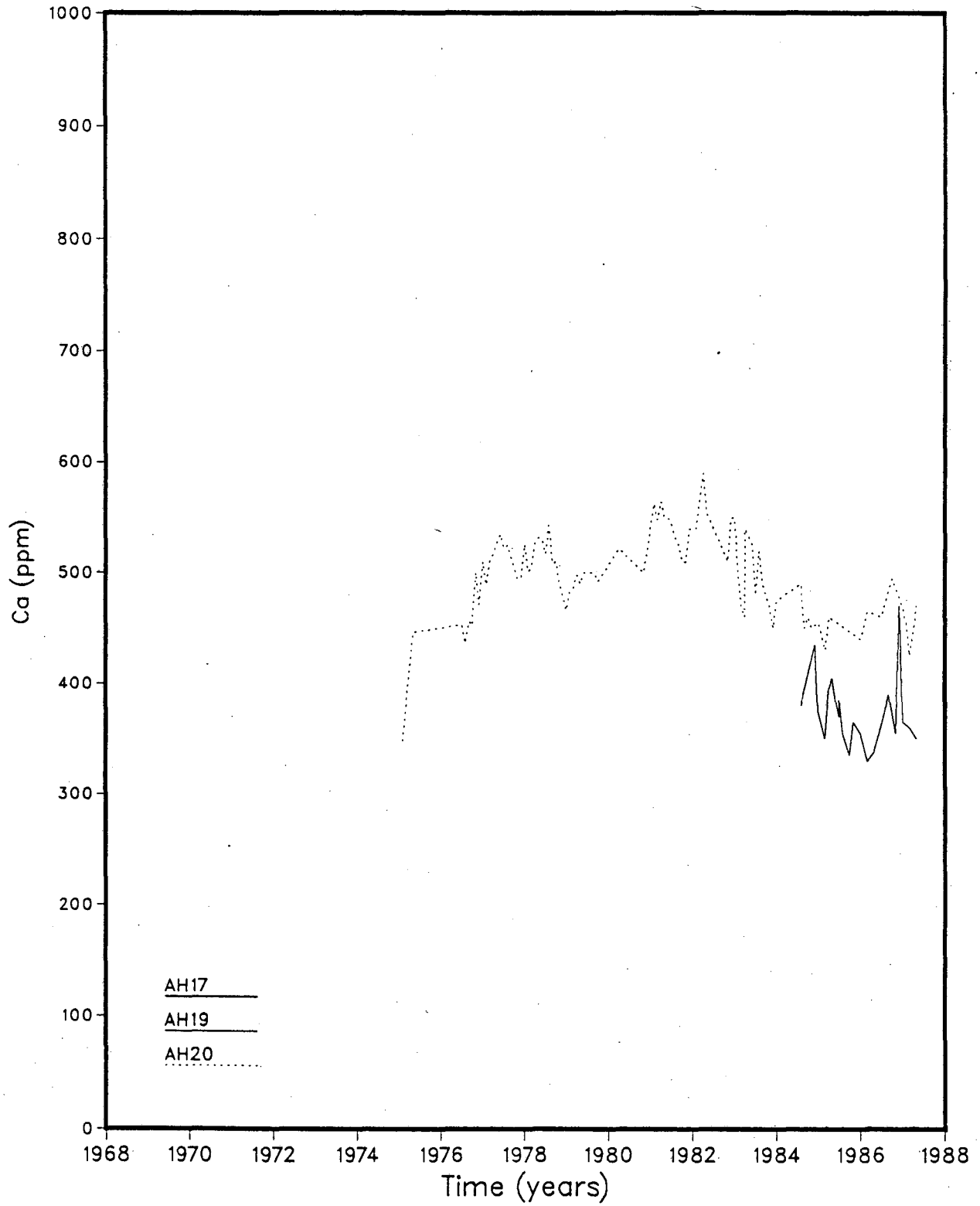
Water Chemistry (Ca)



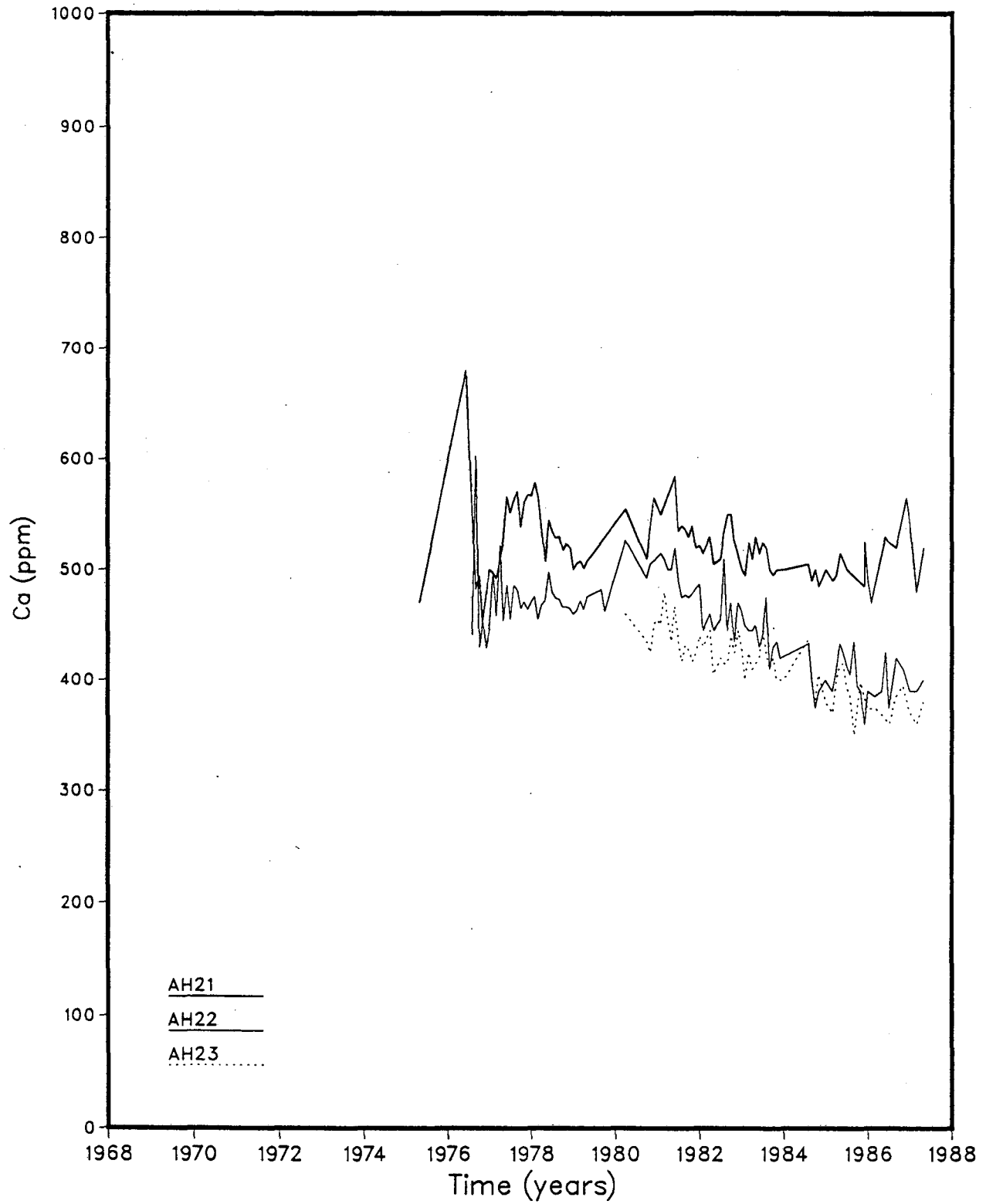
Water Chemistry (Ca)



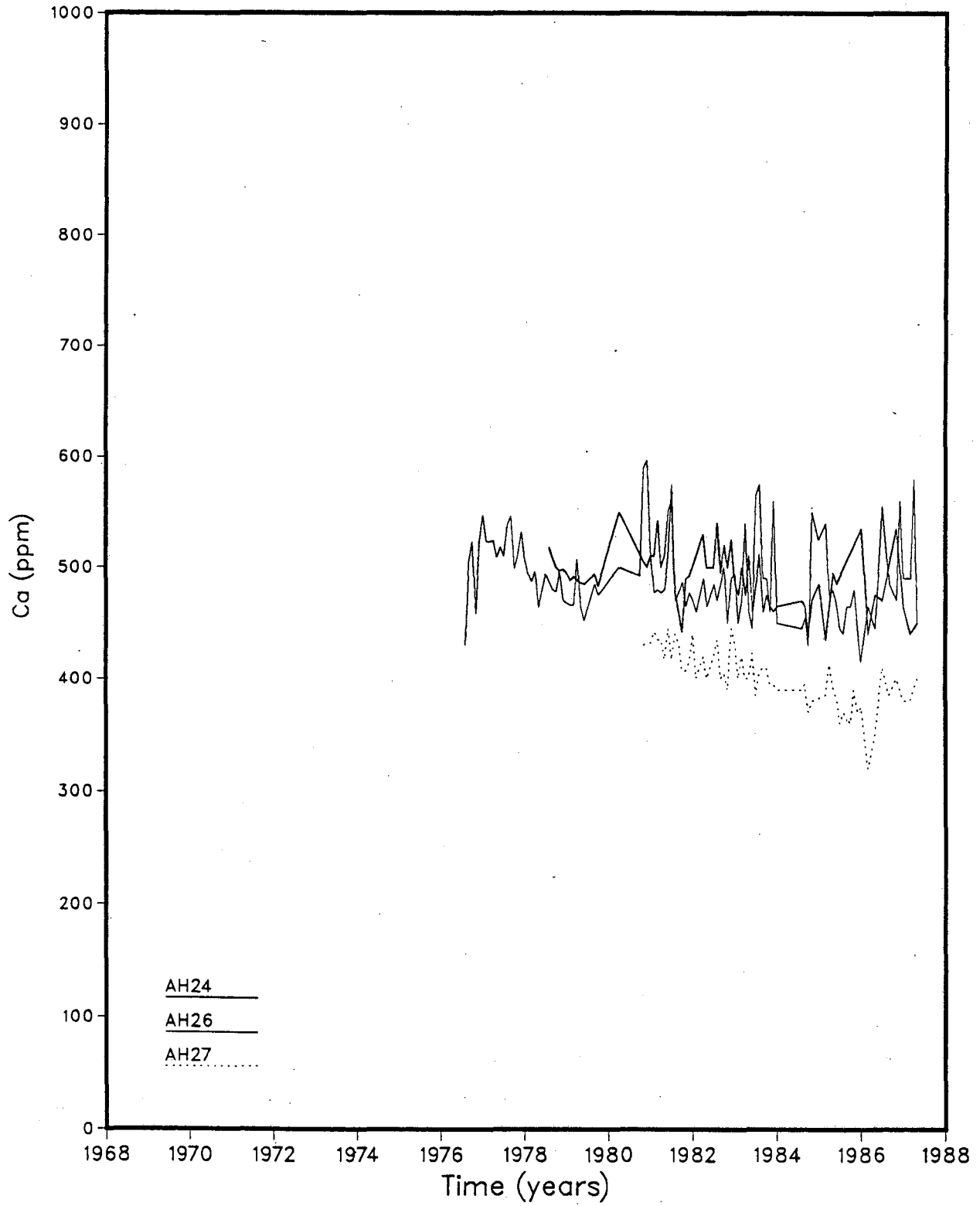
Water Chemistry (Ca)



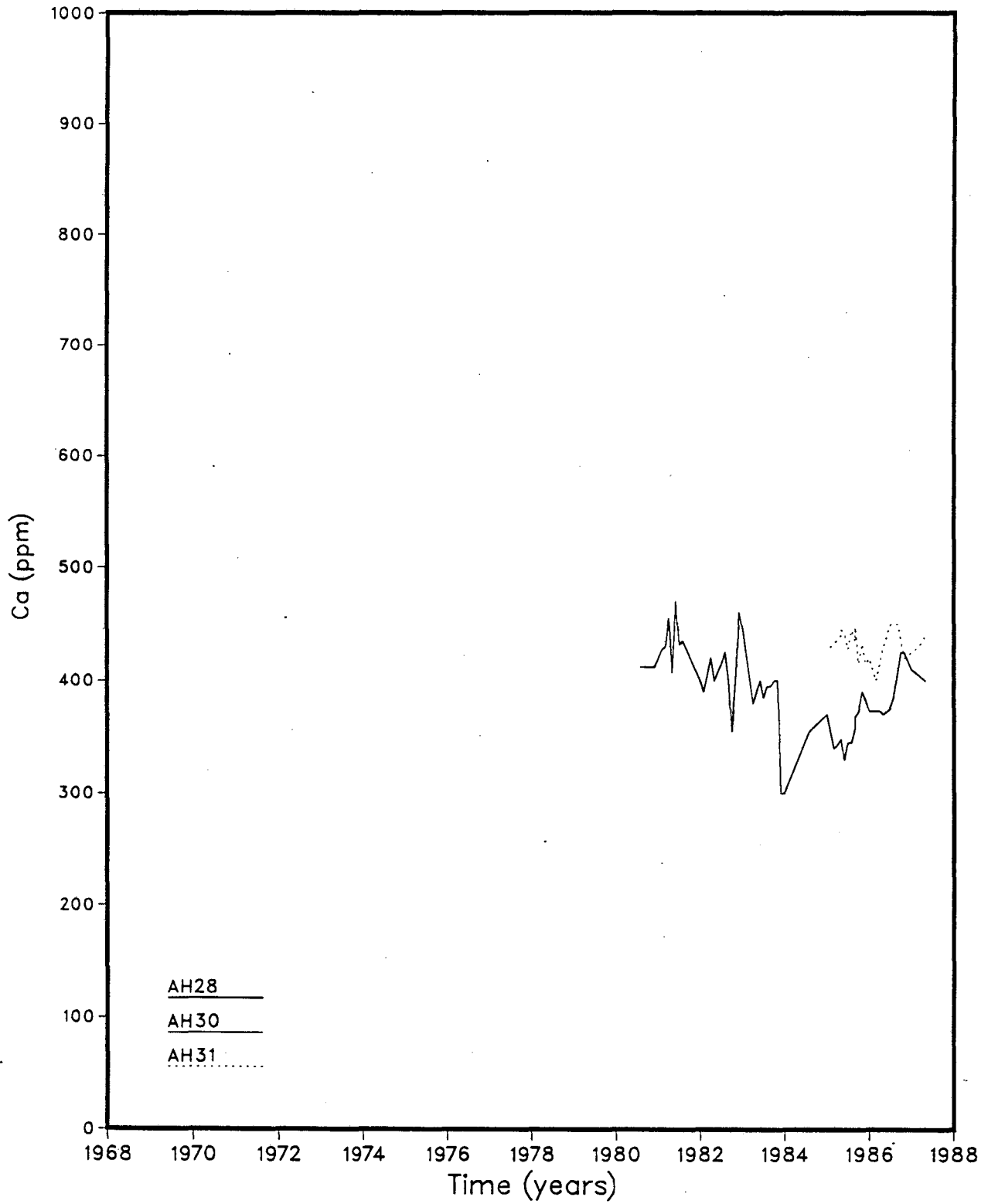
Water Chemistry (Ca)



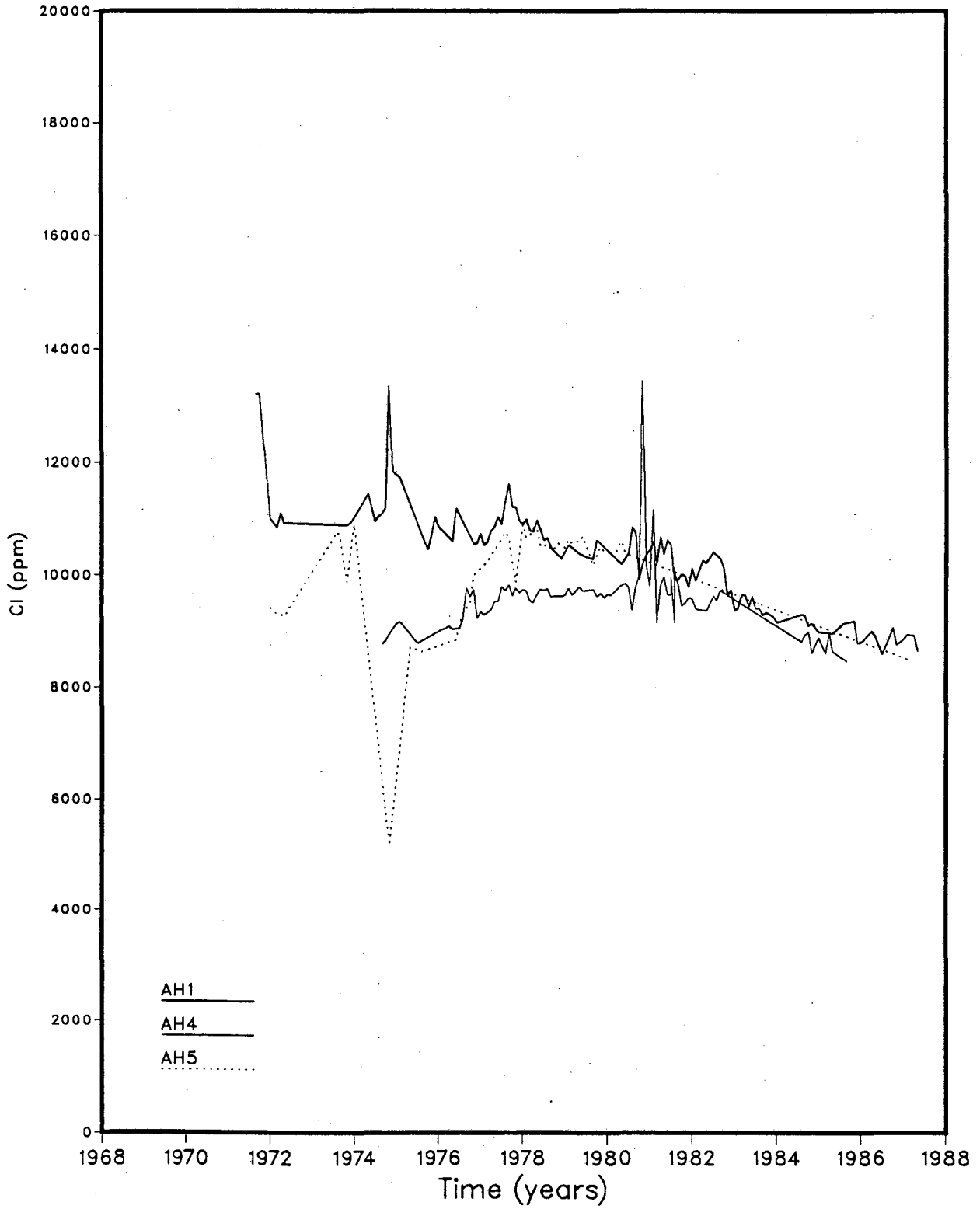
Water Chemistry (Ca)



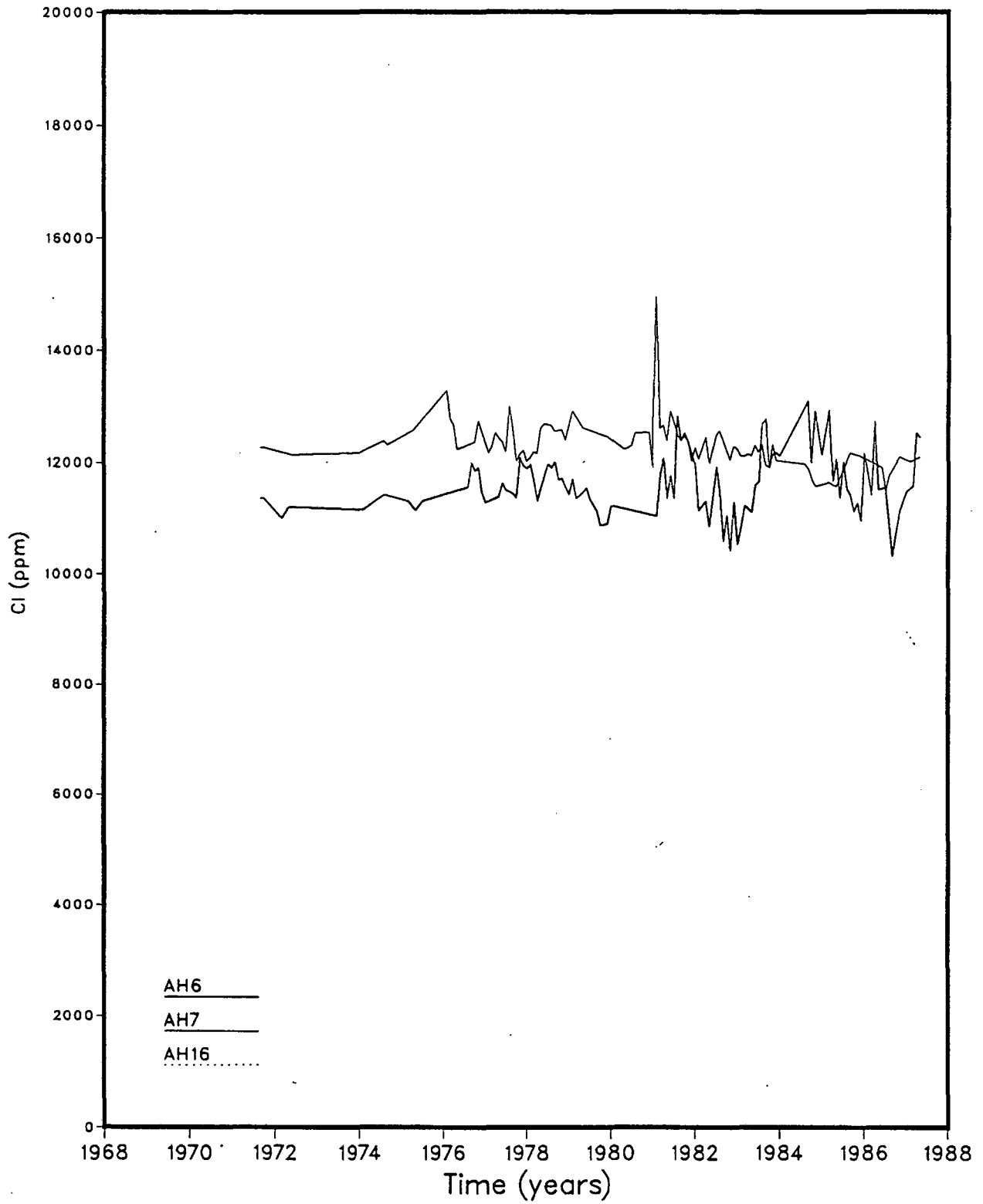
Water Chemistry (Ca)



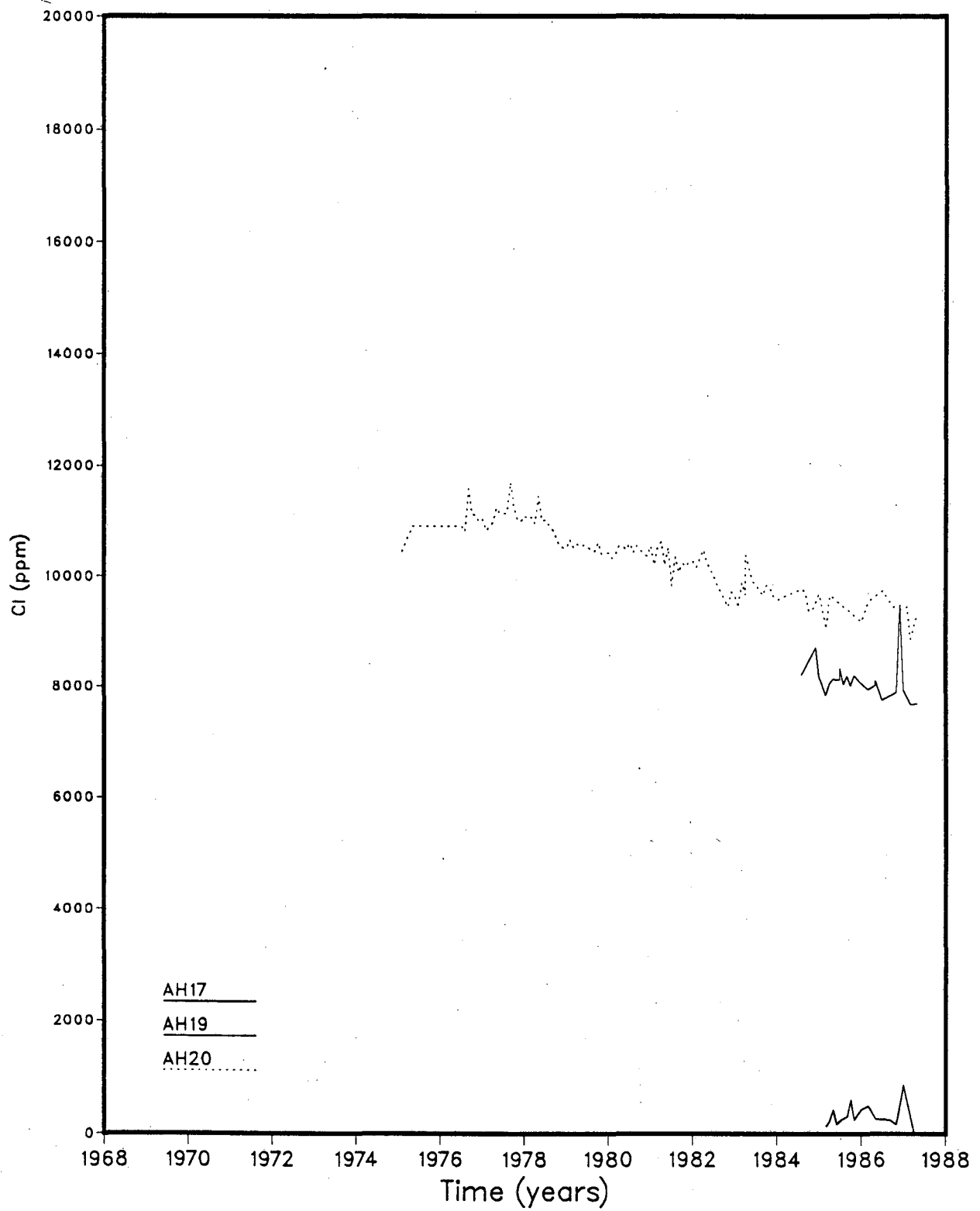
Water Chemistry (Cl)



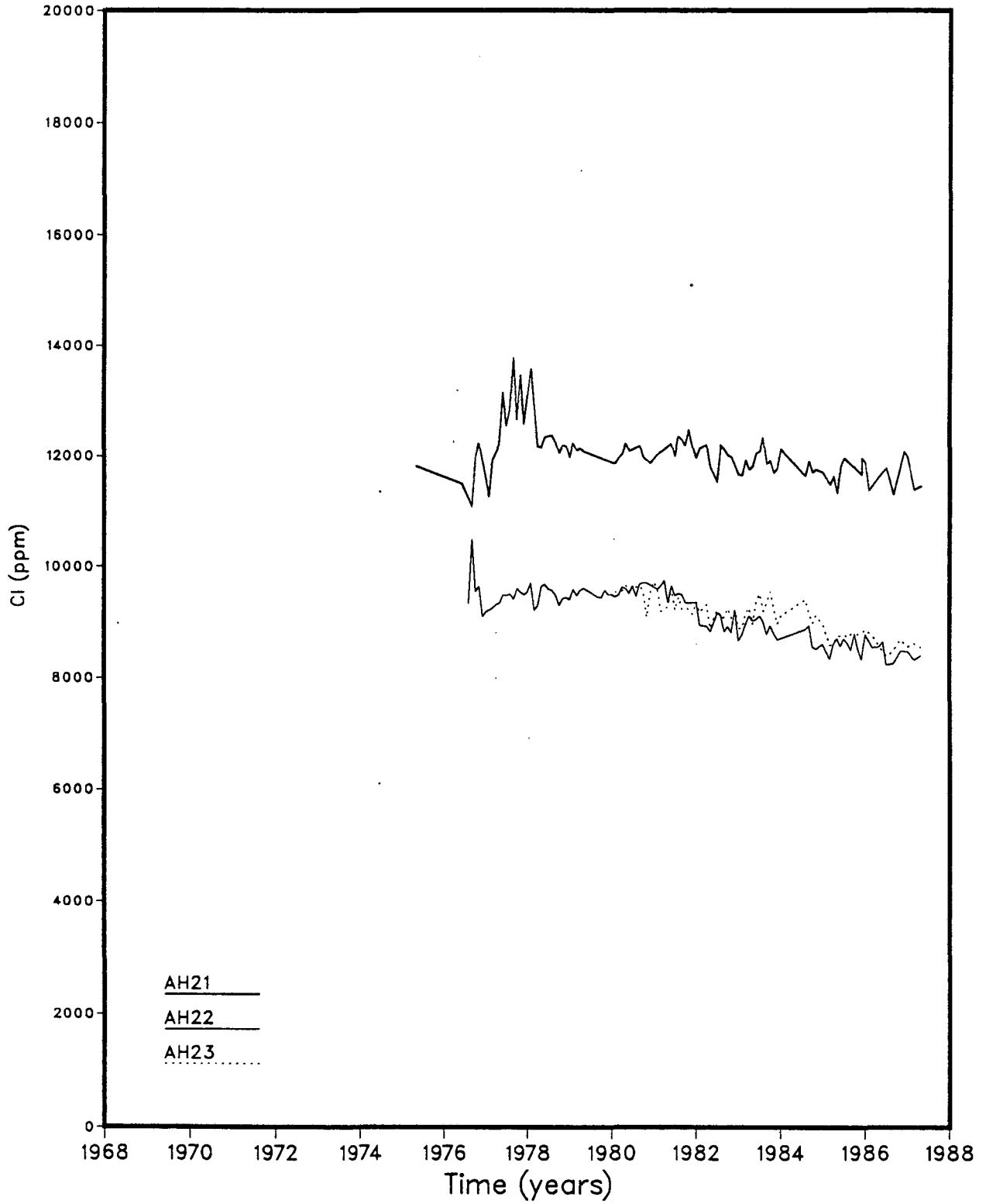
Water Chemistry (Cl)



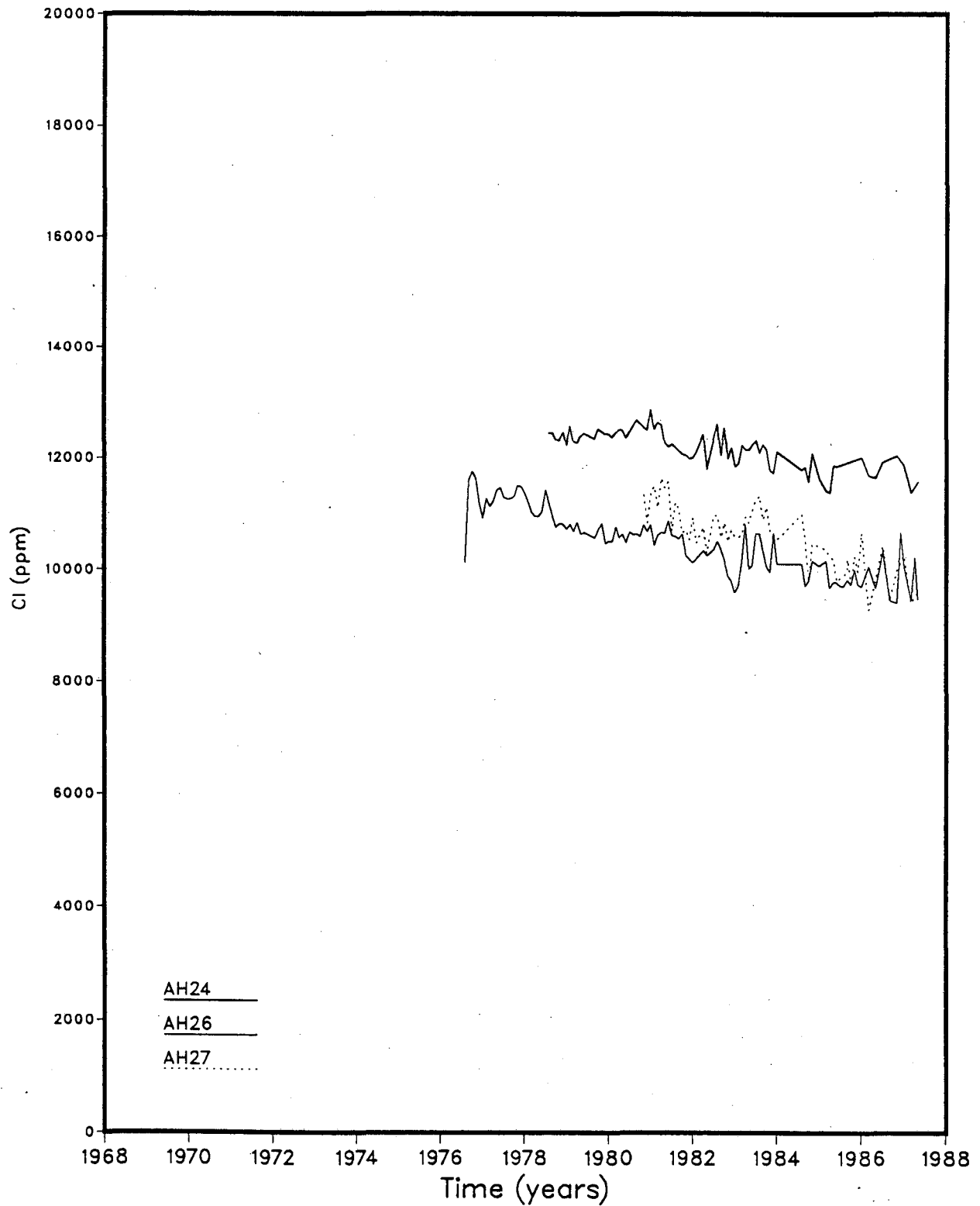
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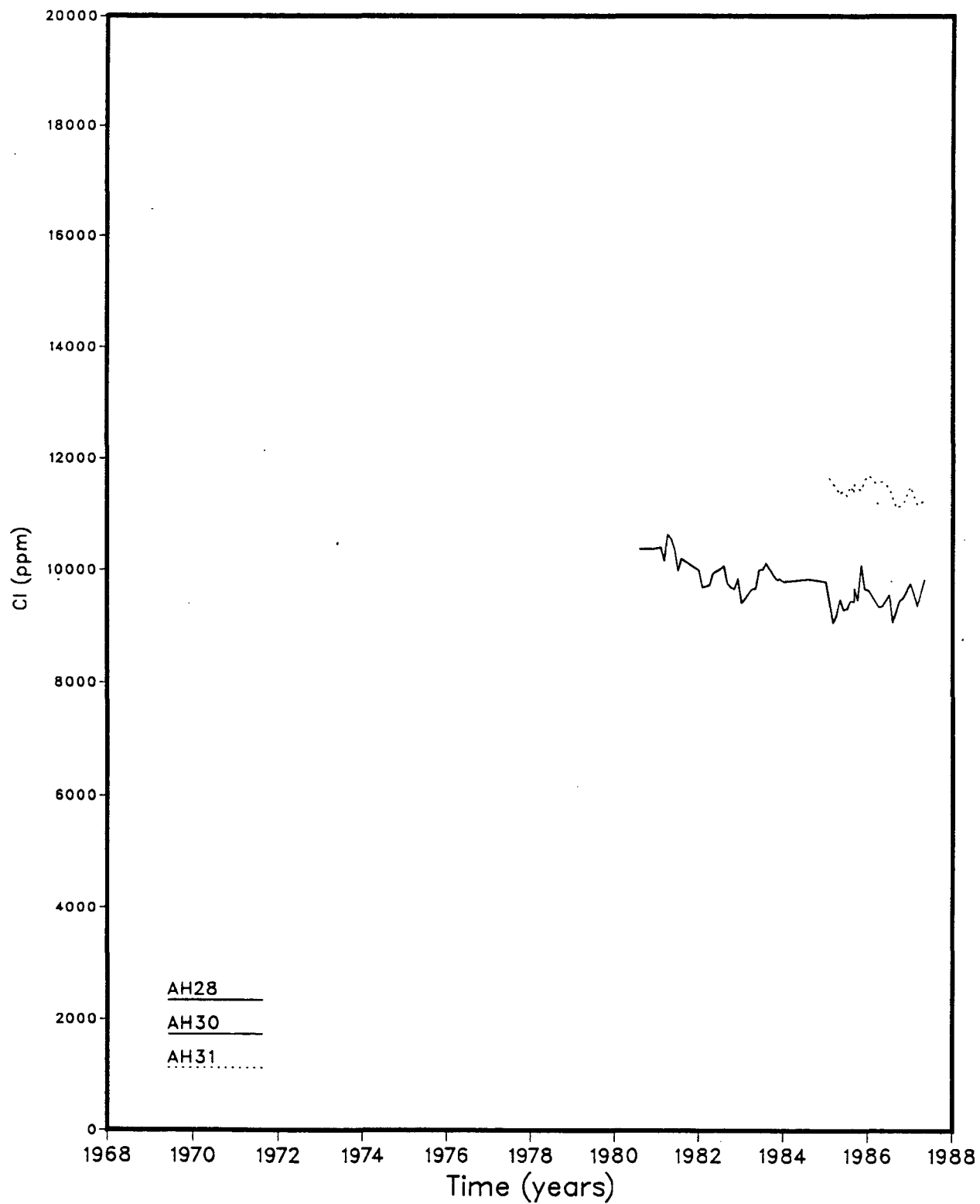
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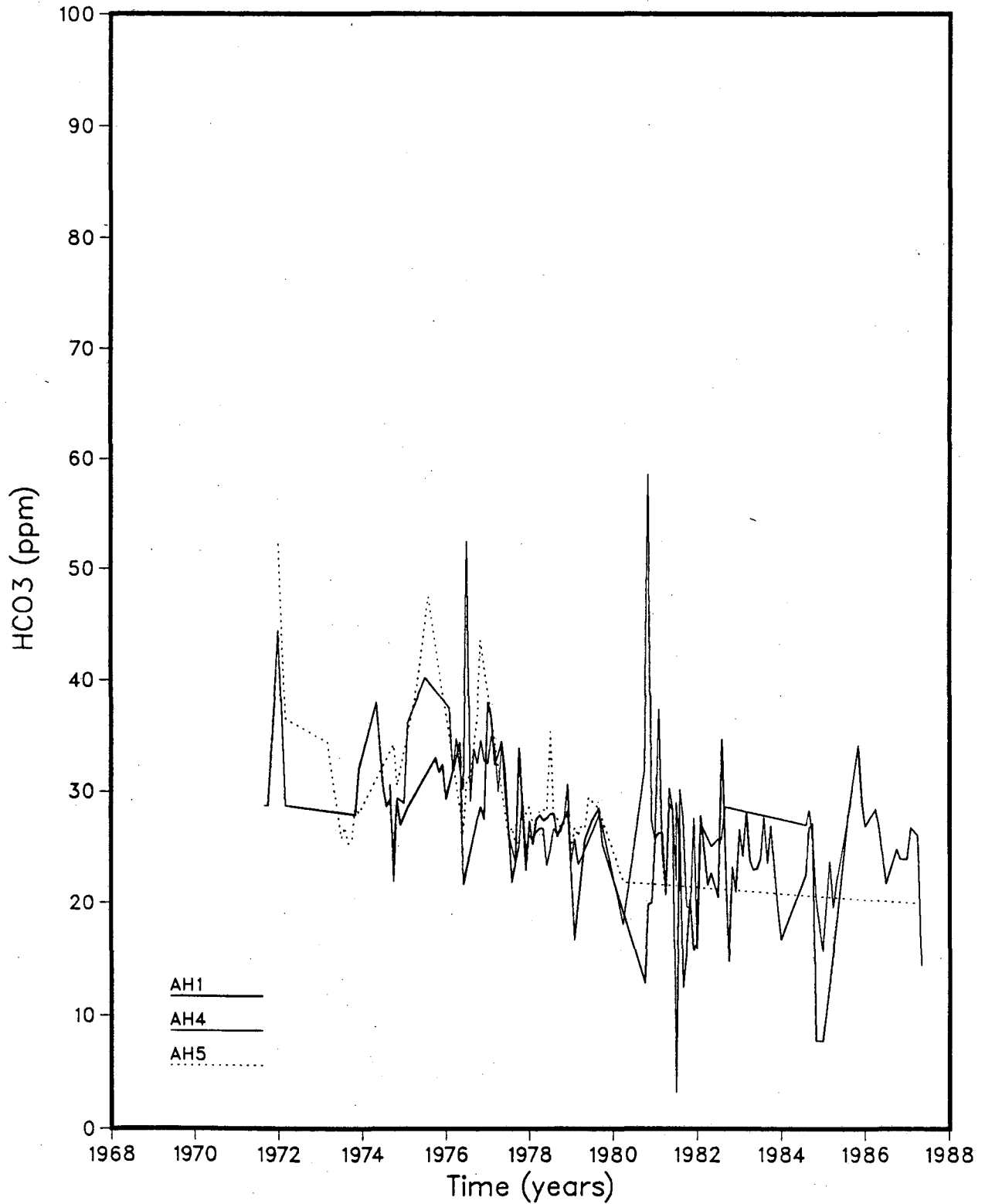
Water Chemistry (Cl)



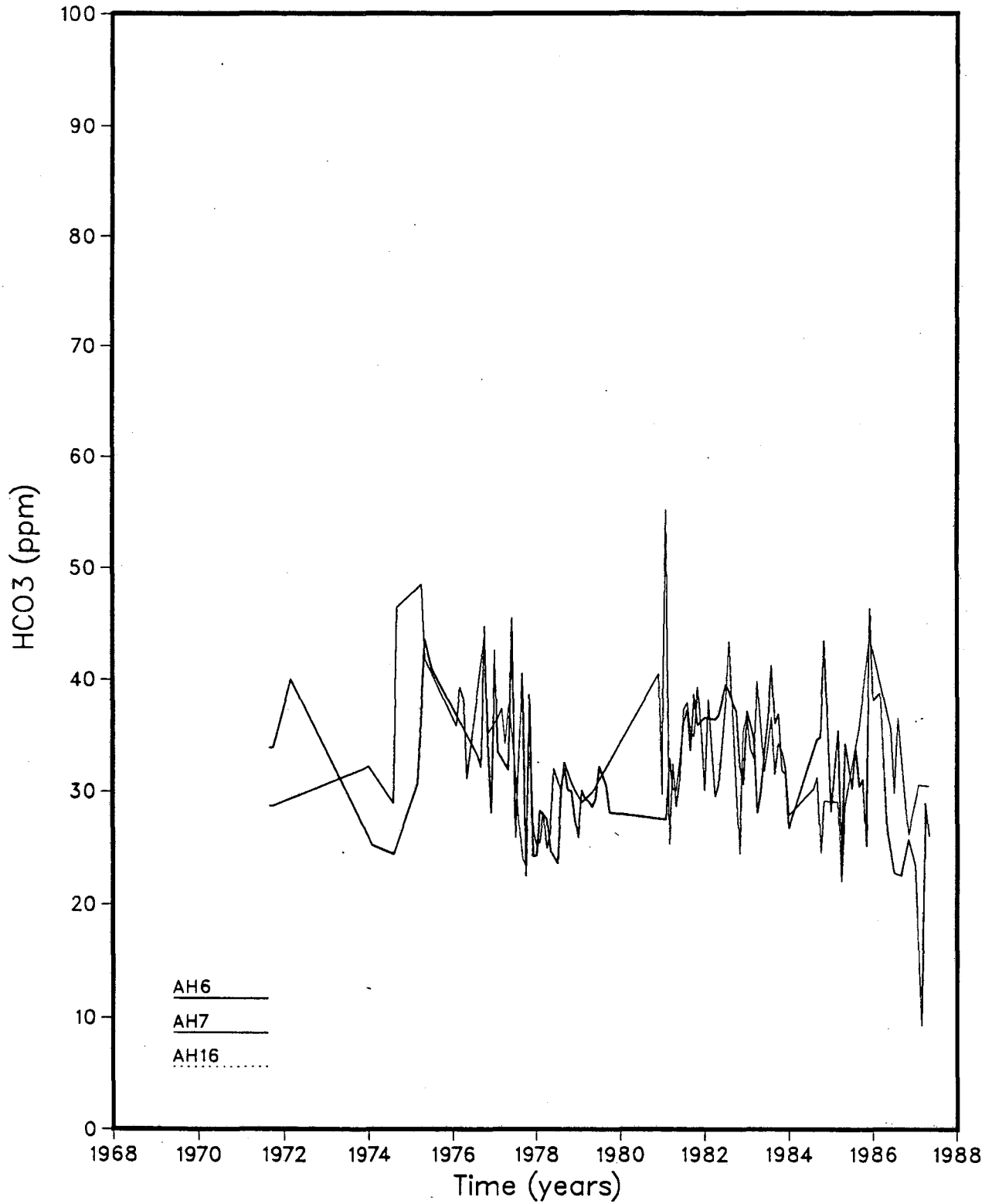
Water Chemistry (Cl)



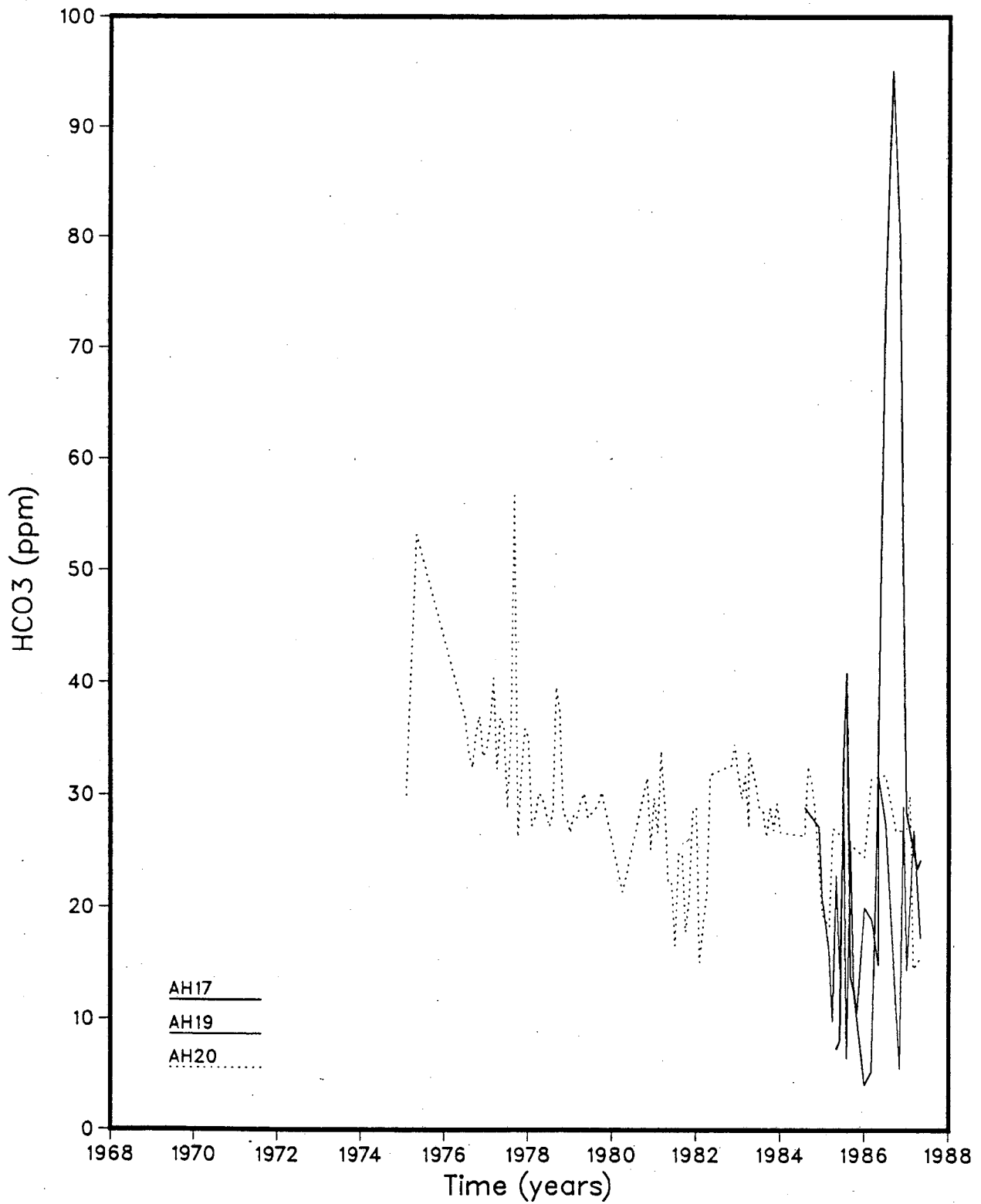
Water Chemistry (HCO₃)



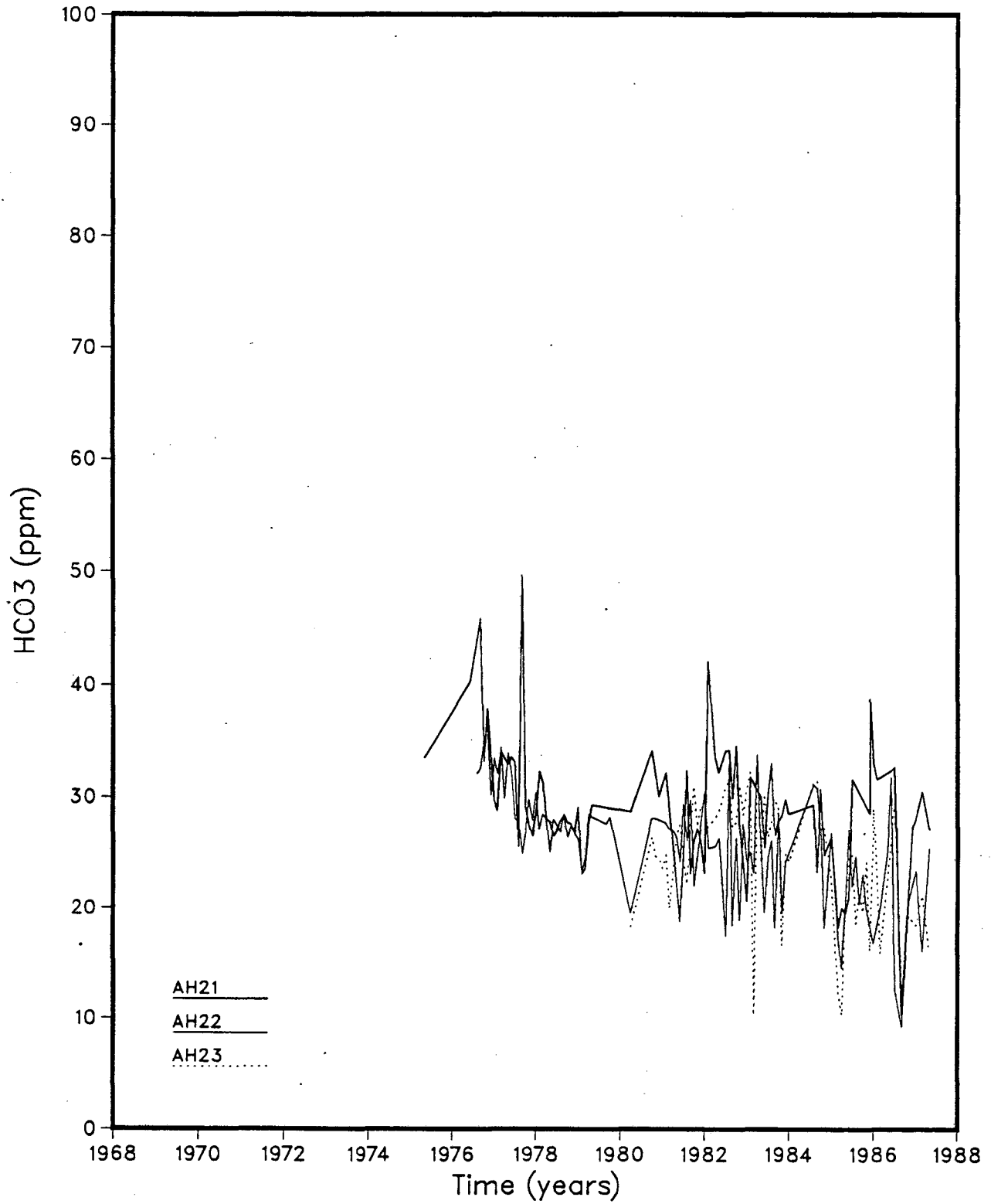
Water Chemistry (HCO₃)



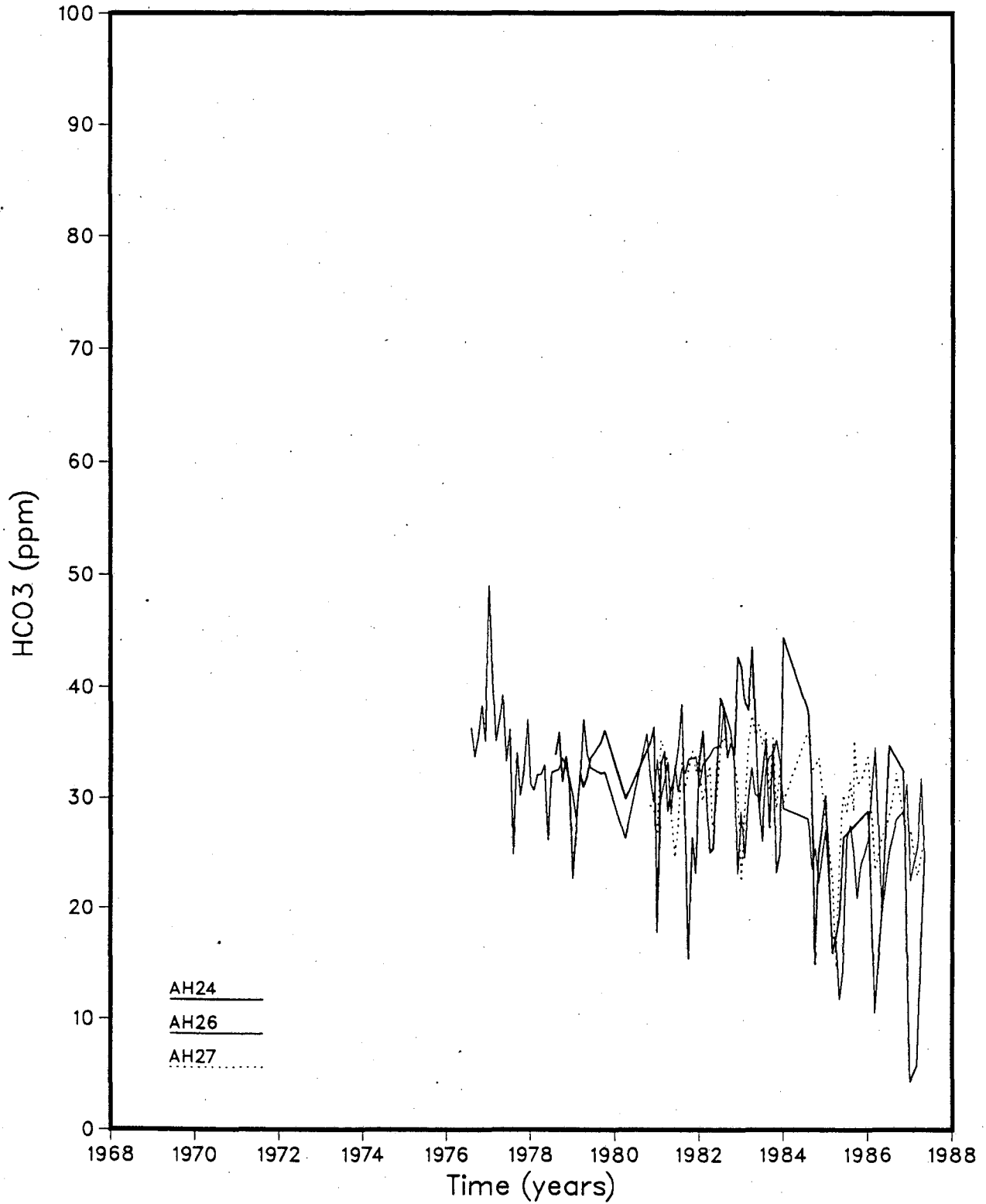
Water Chemistry (HCO₃)



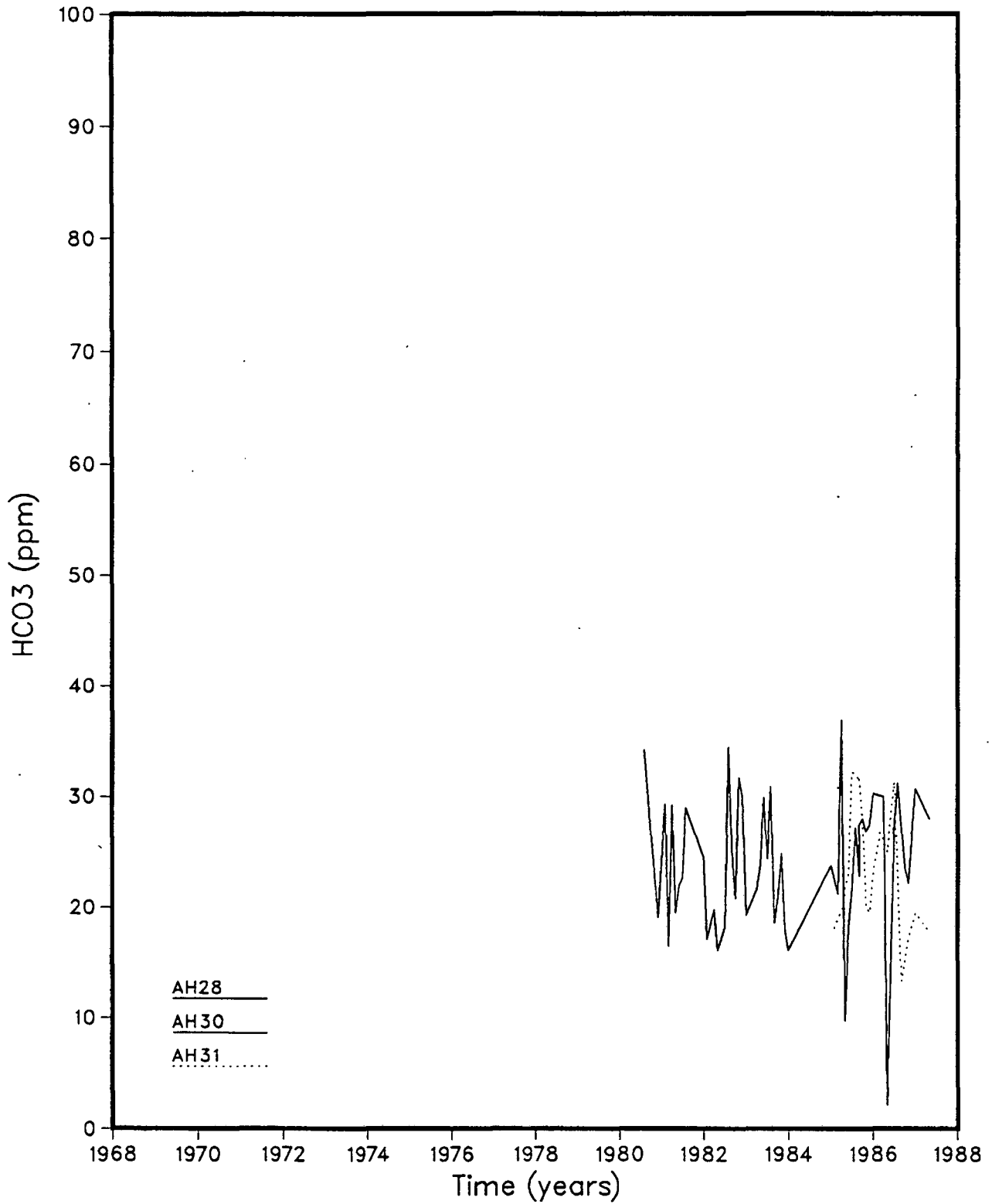
Water Chemistry (HCO₃)



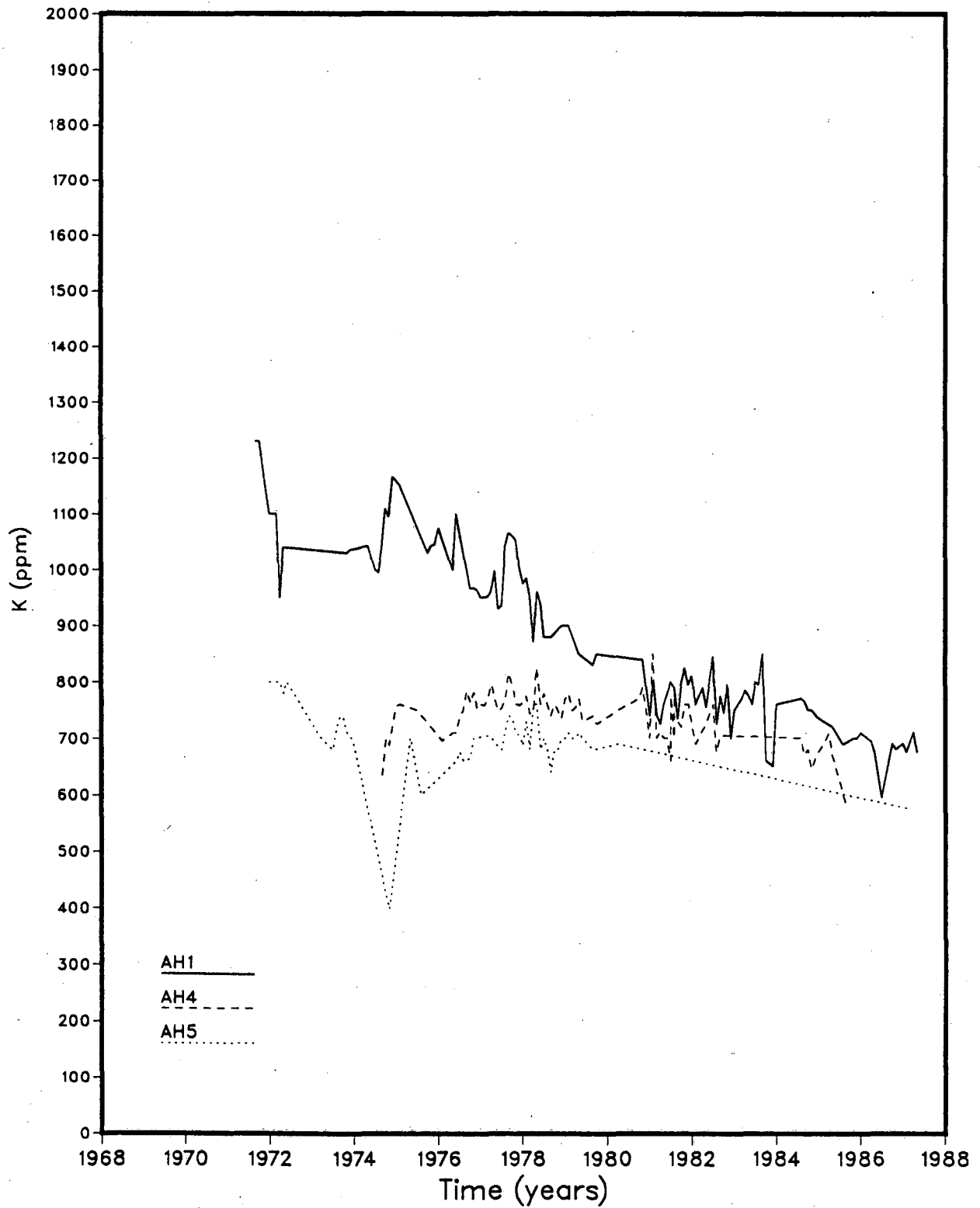
Water Chemistry (HCO₃)



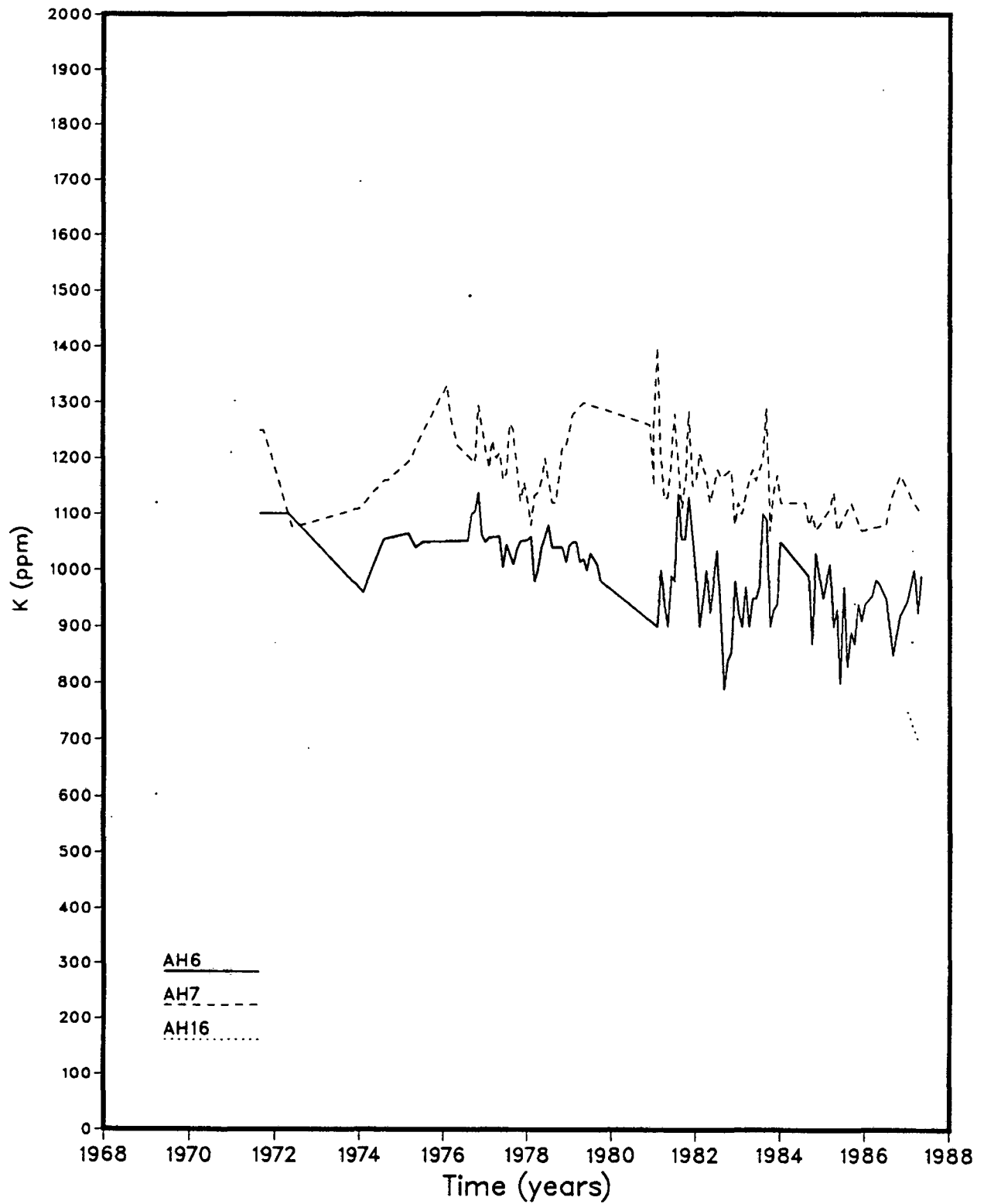
Water Chemistry (HCO₃)



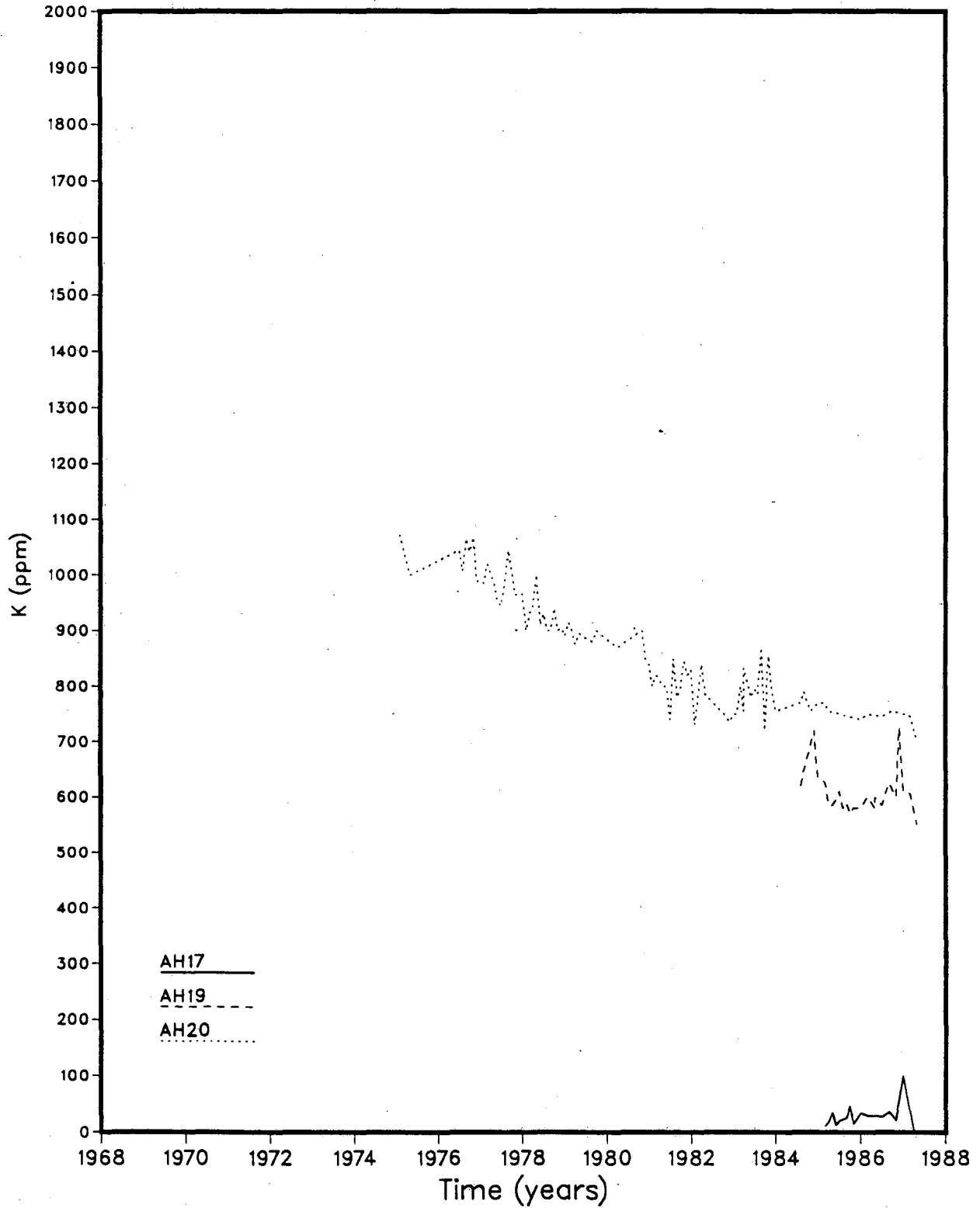
Water Chemistry (K)



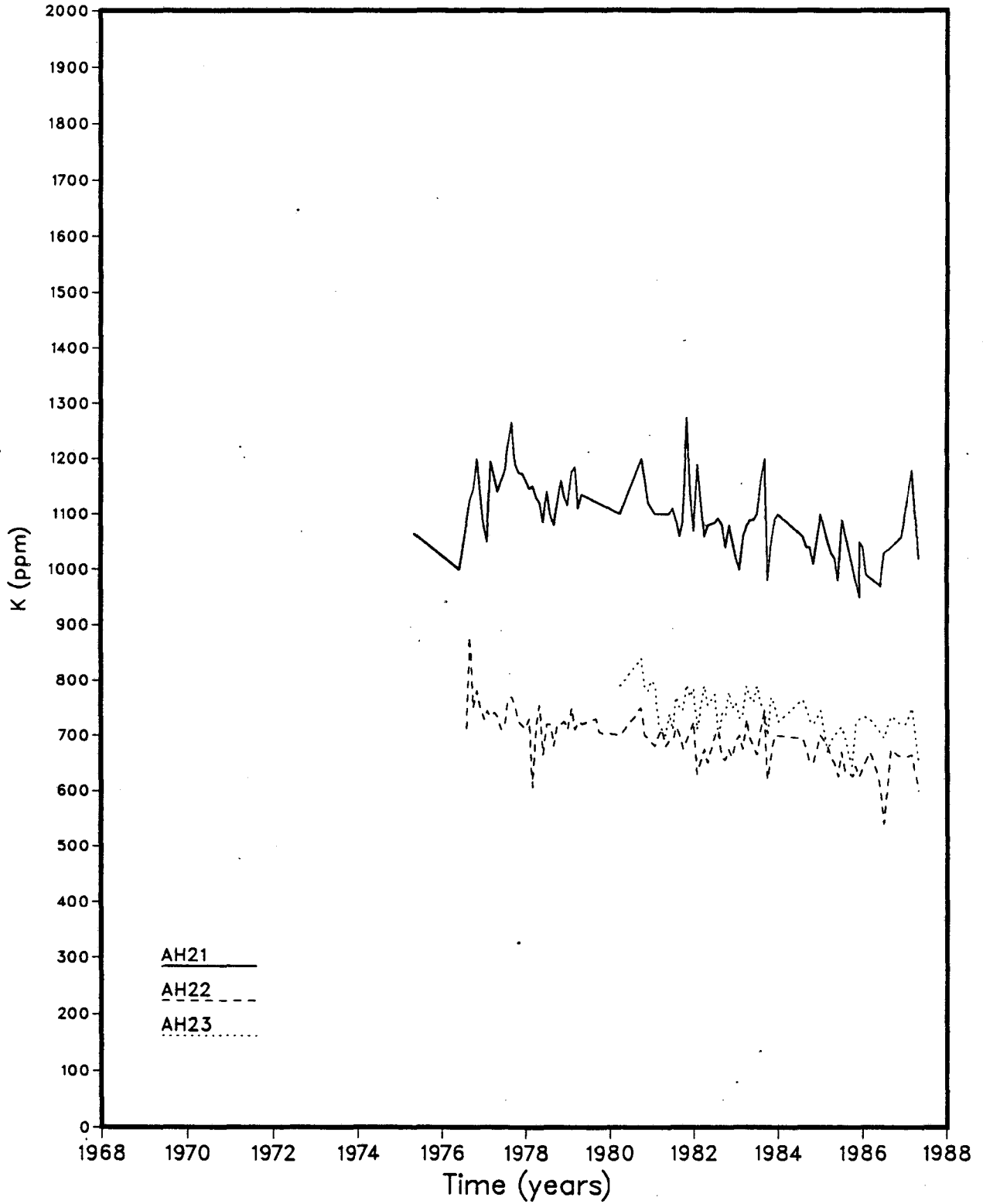
Water Chemistry (K)



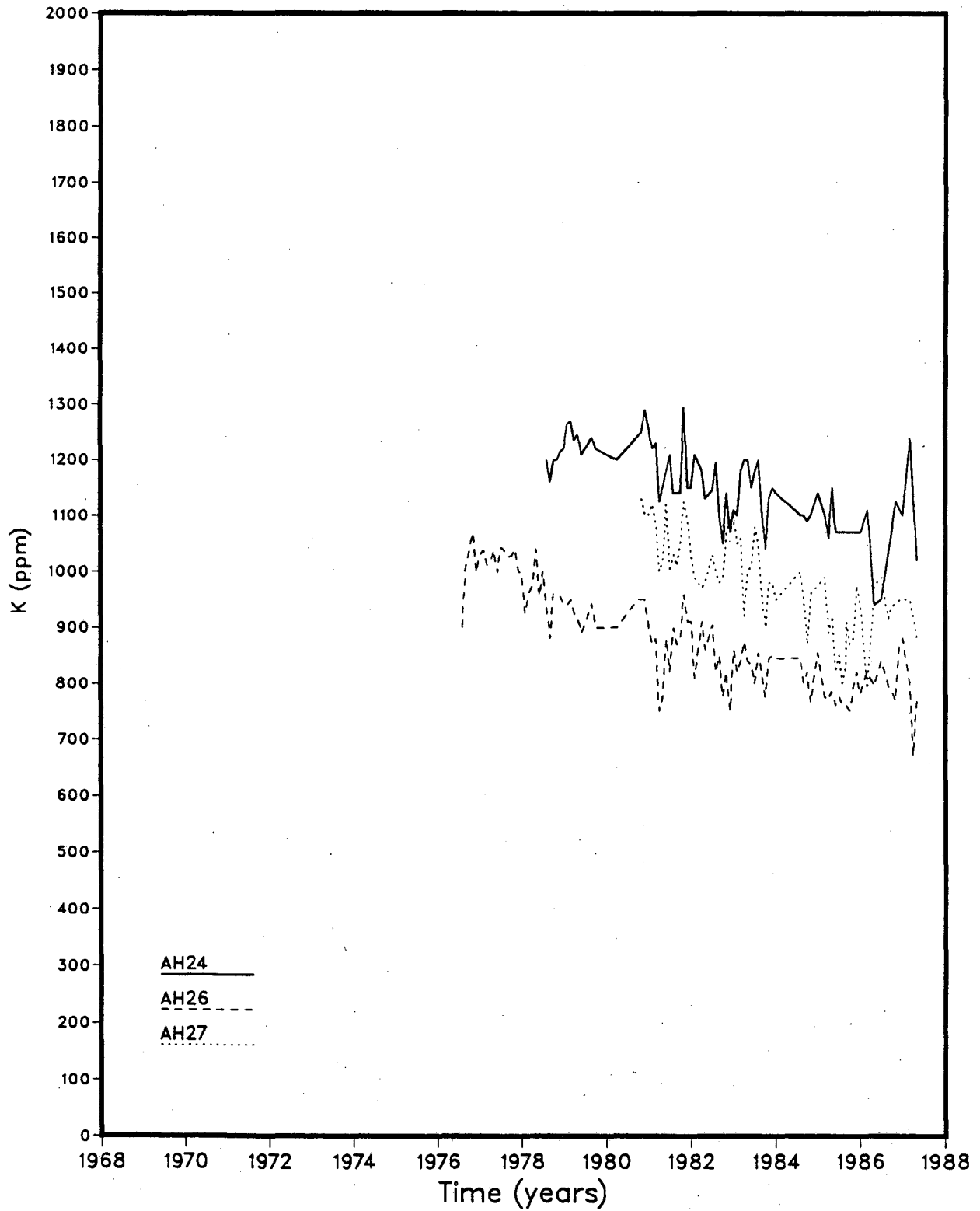
Water Chemistry (K)



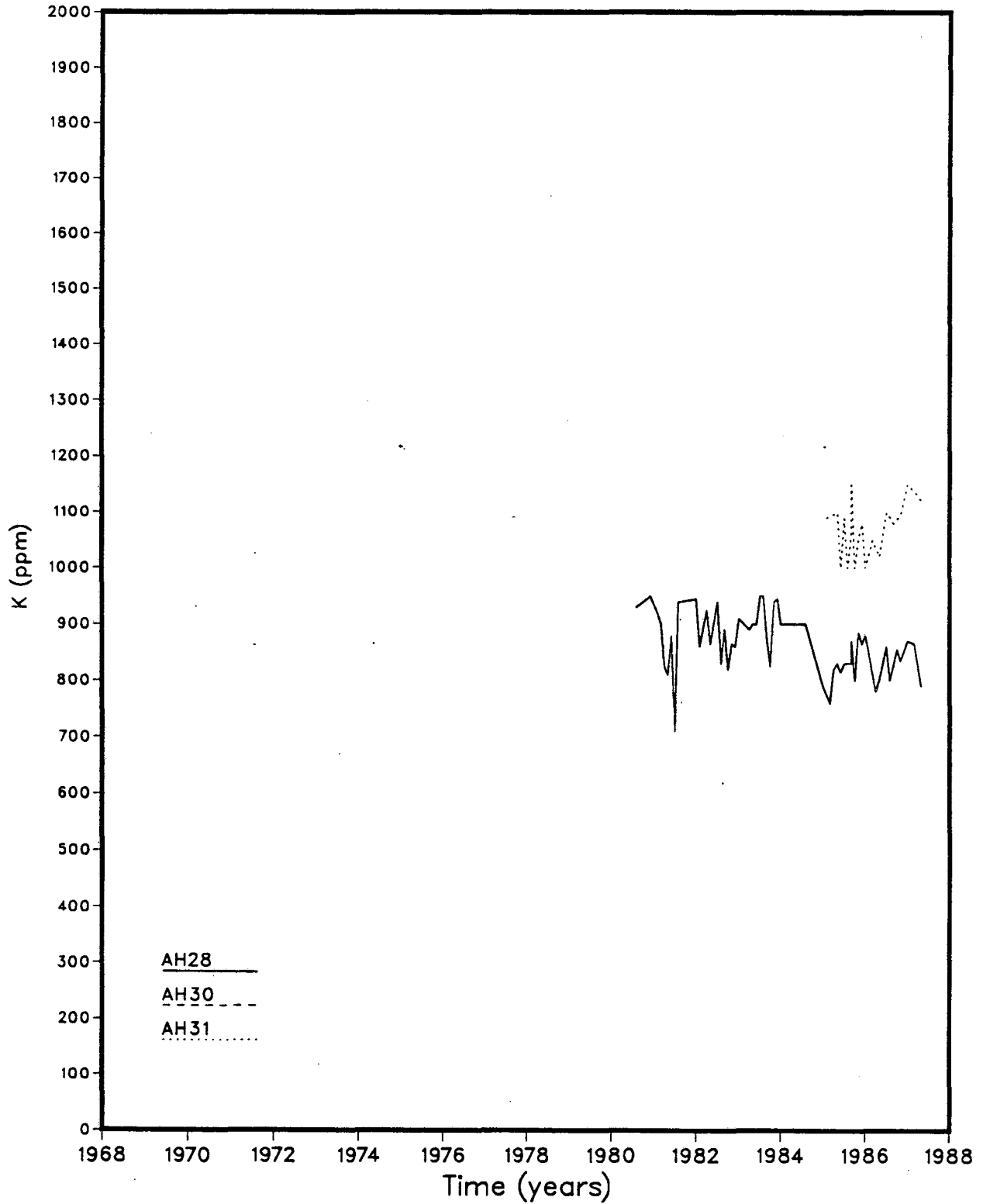
Water Chemistry (K)



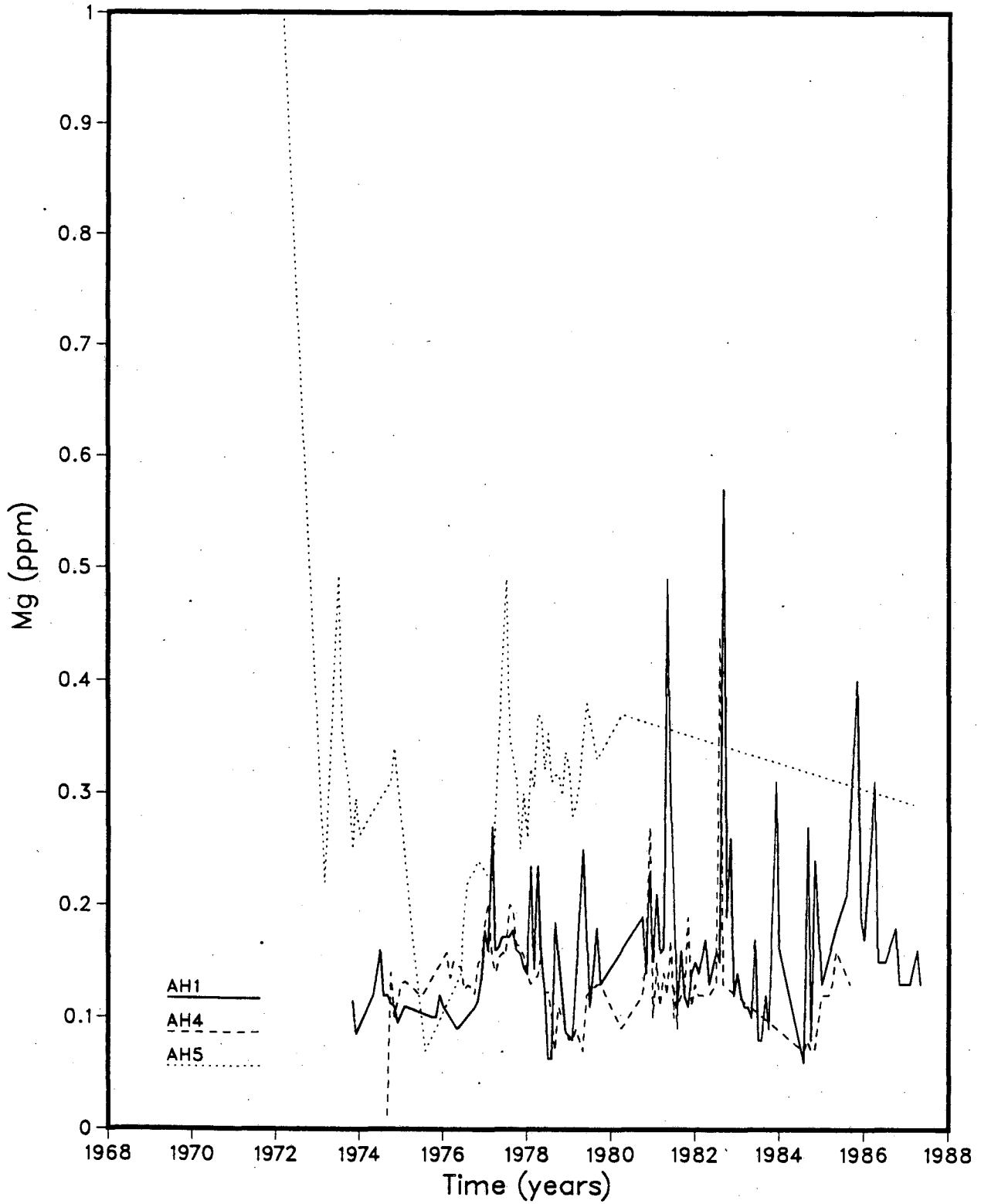
Water Chemistry (K)



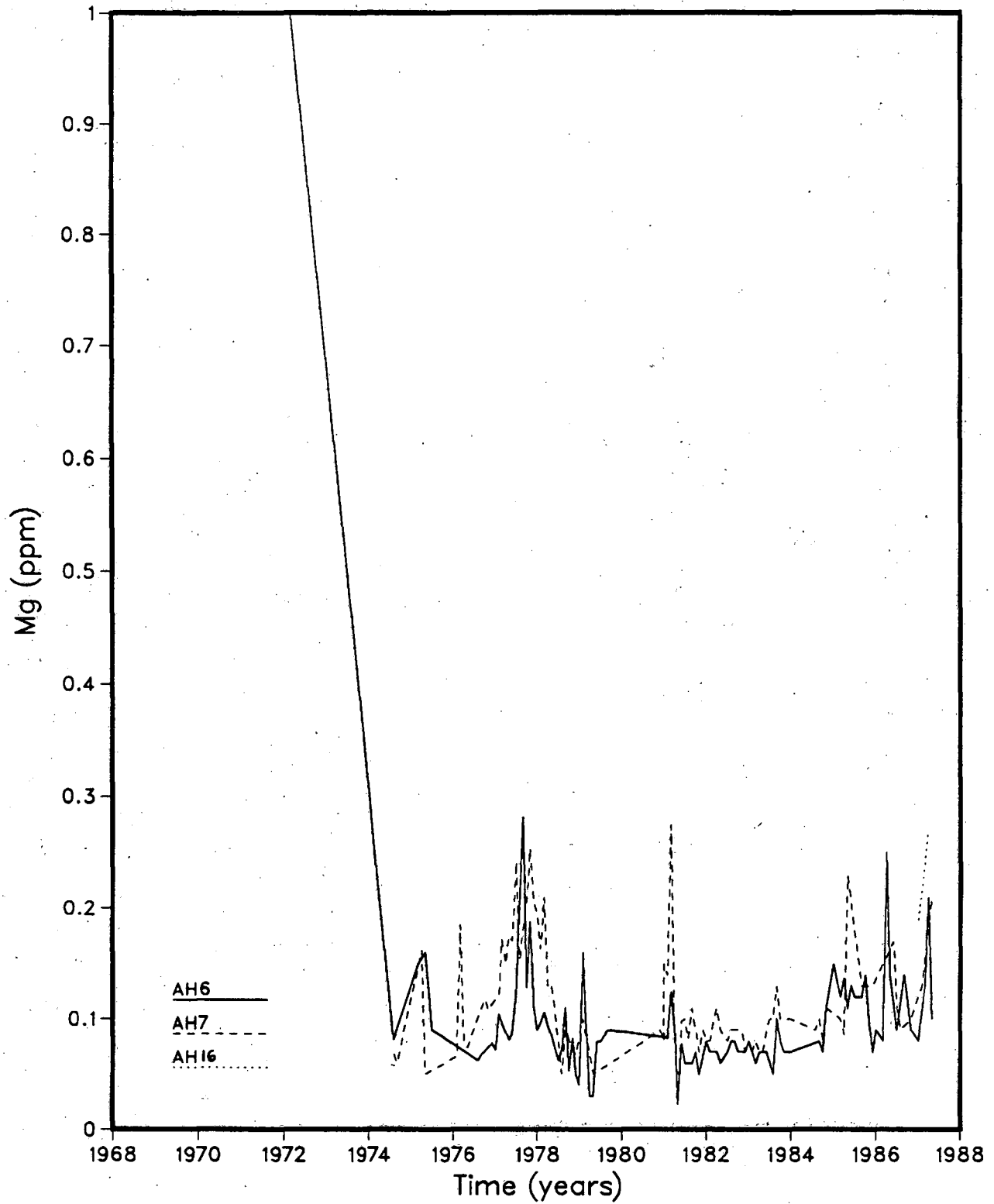
Water Chemistry (K)



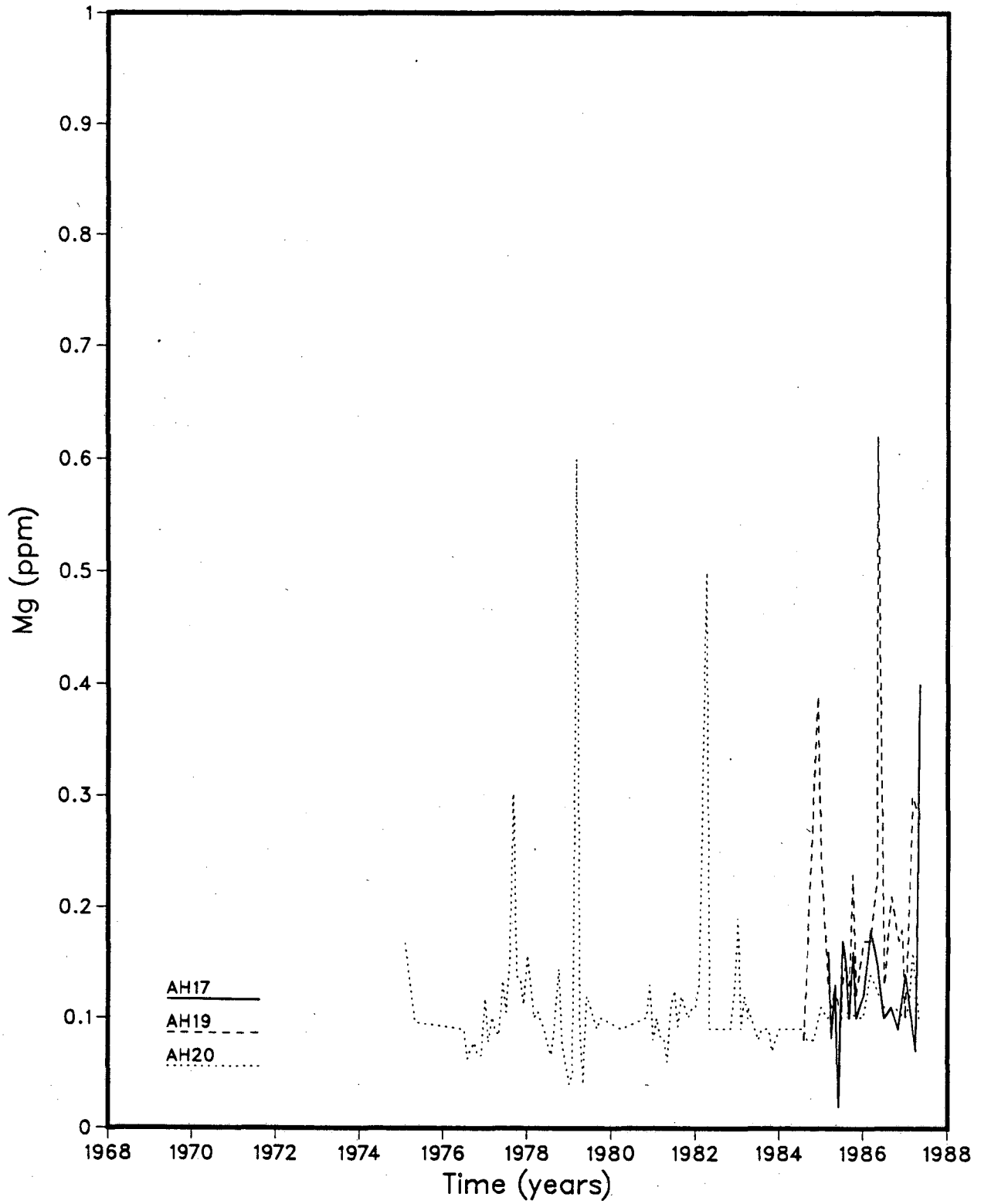
Water Chemistry (Mg)



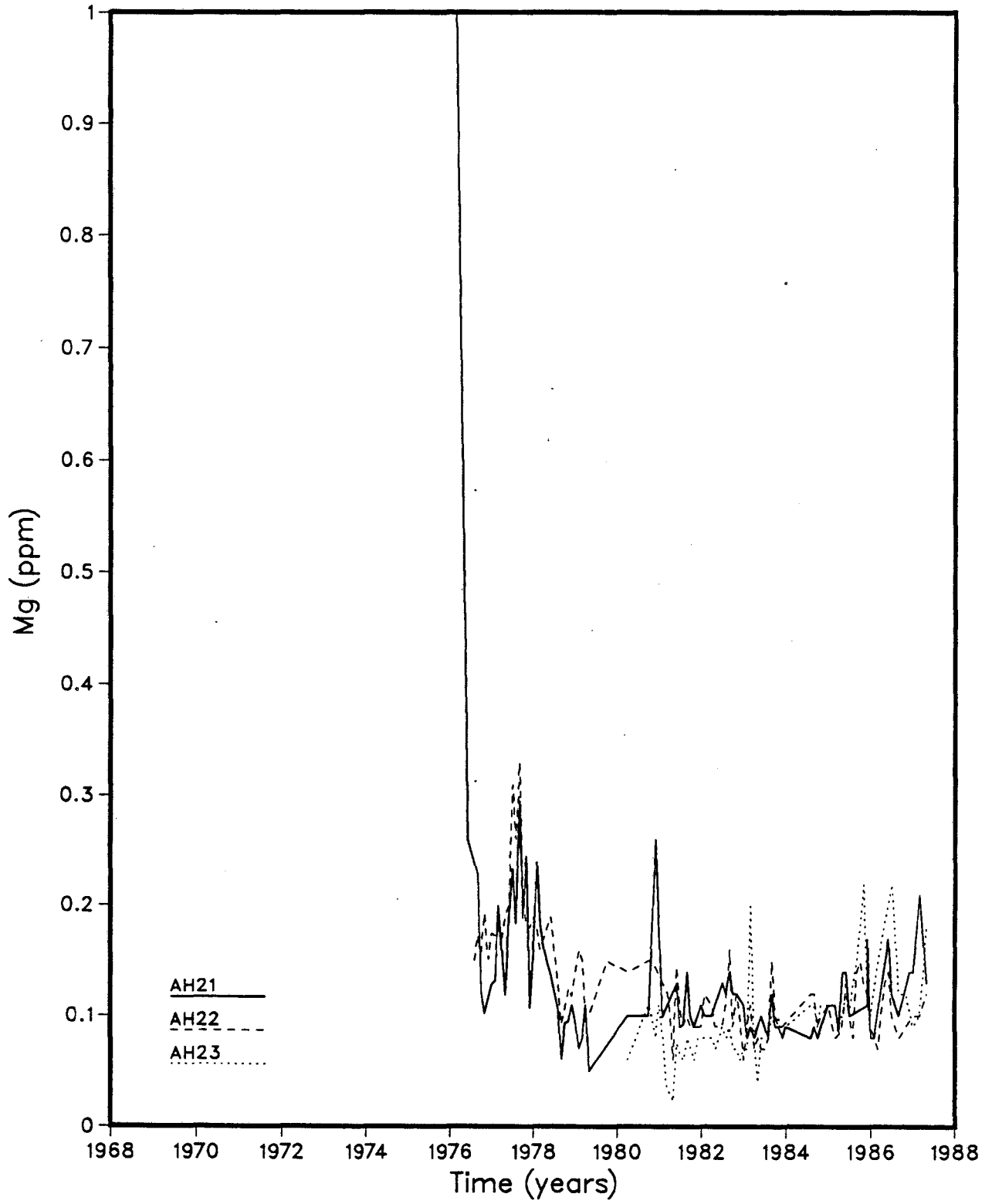
Water Chemistry (Mg)



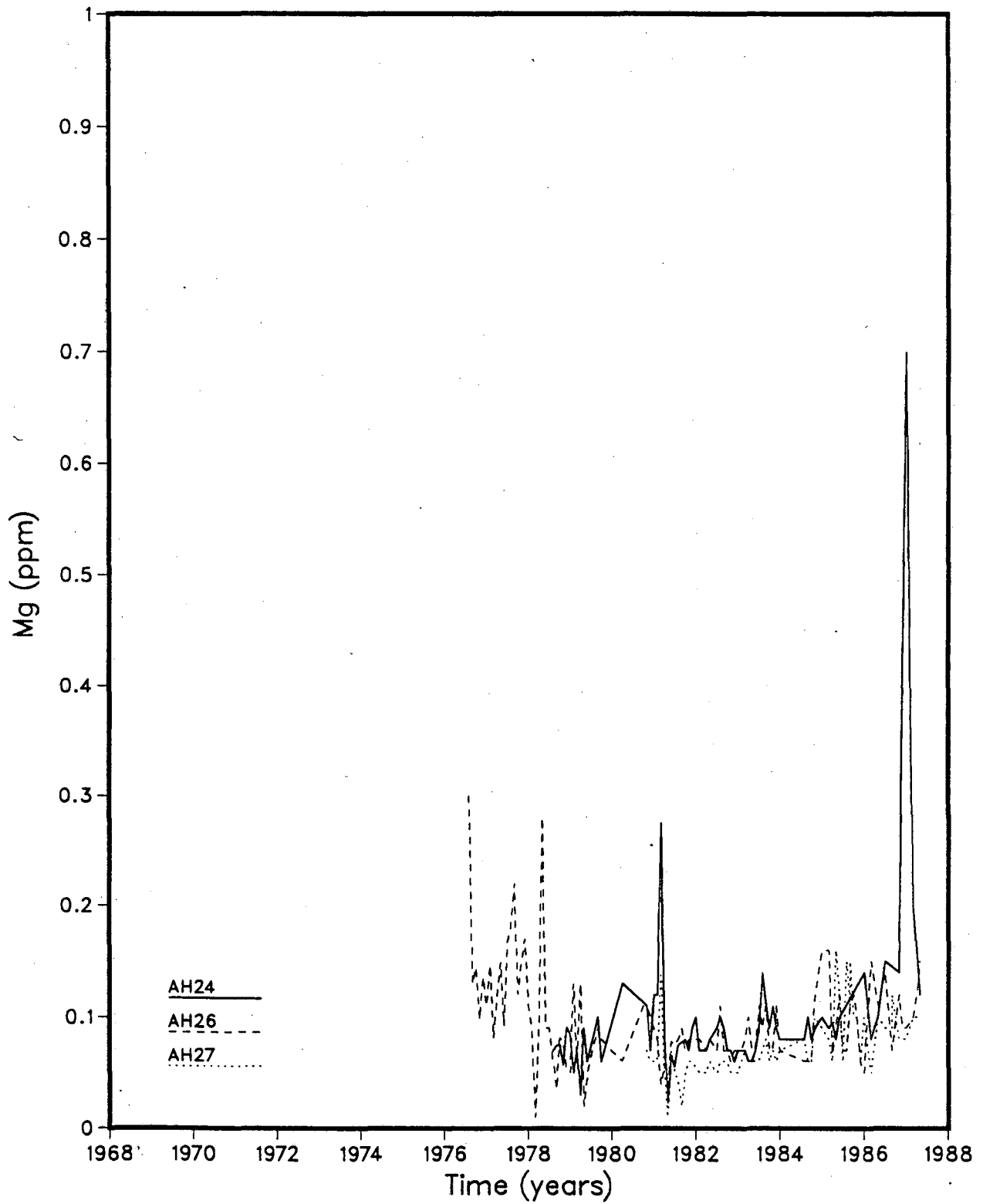
Water Chemistry (Mg)



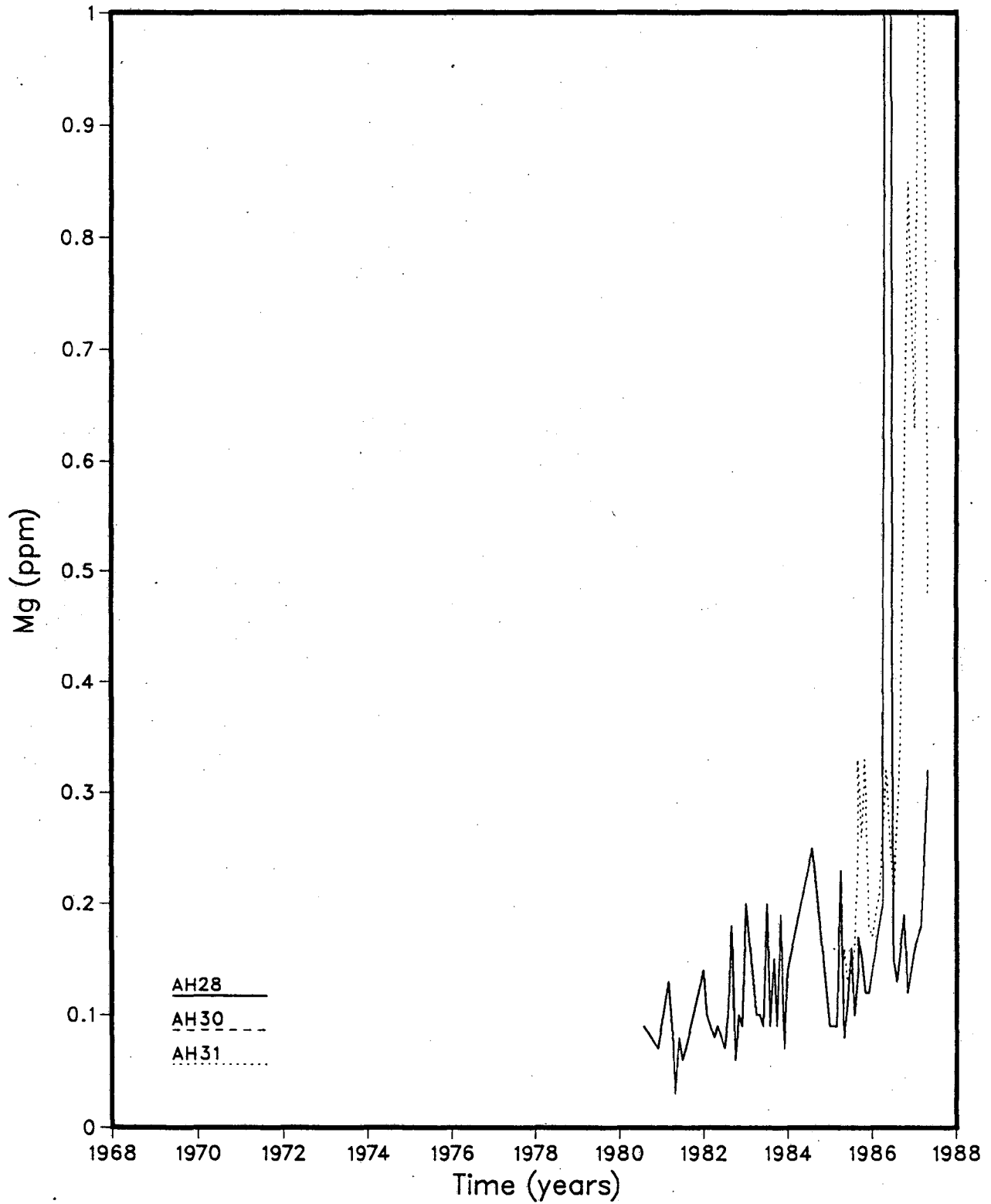
Water Chemistry (Mg)



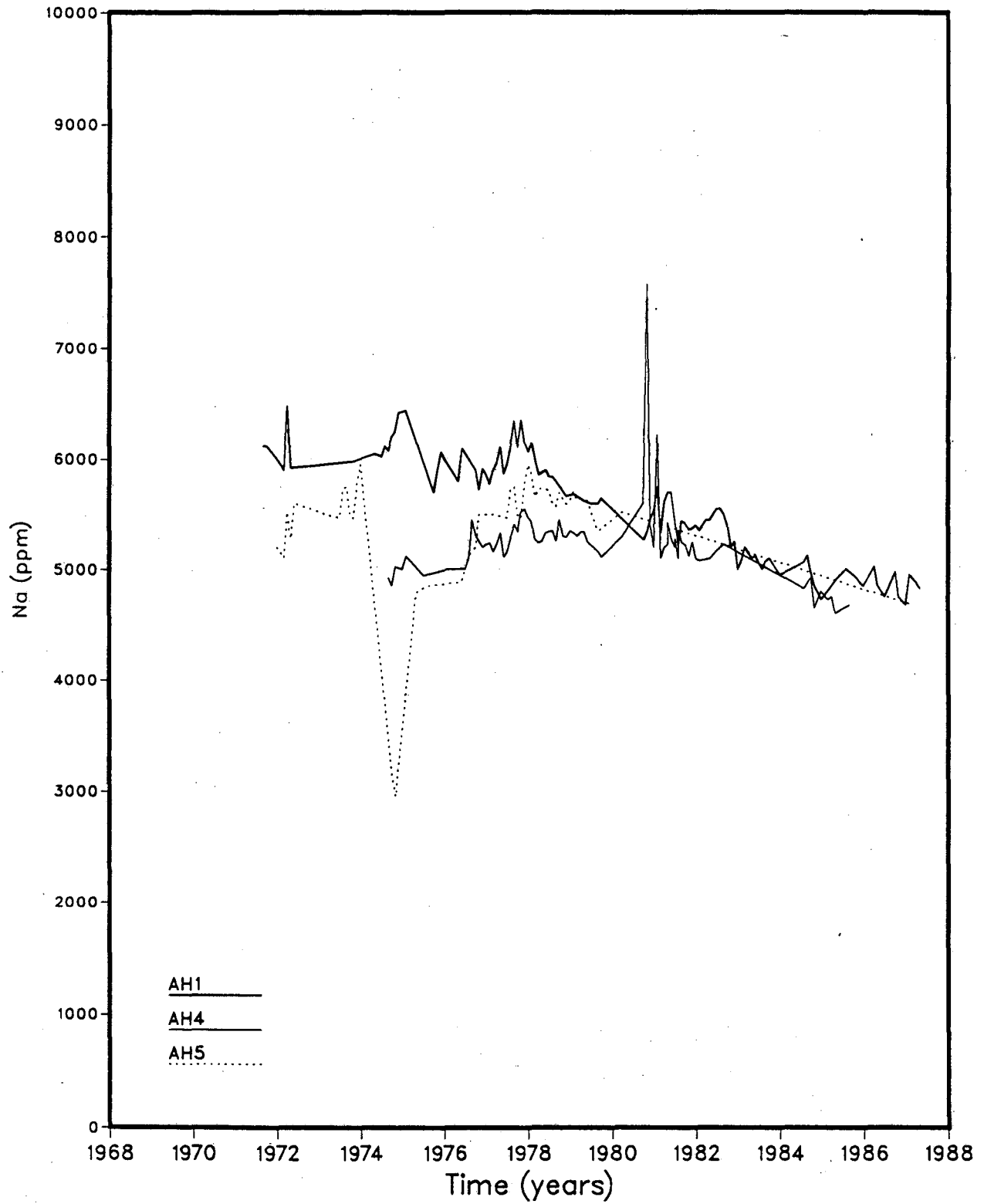
Water Chemistry (Mg)



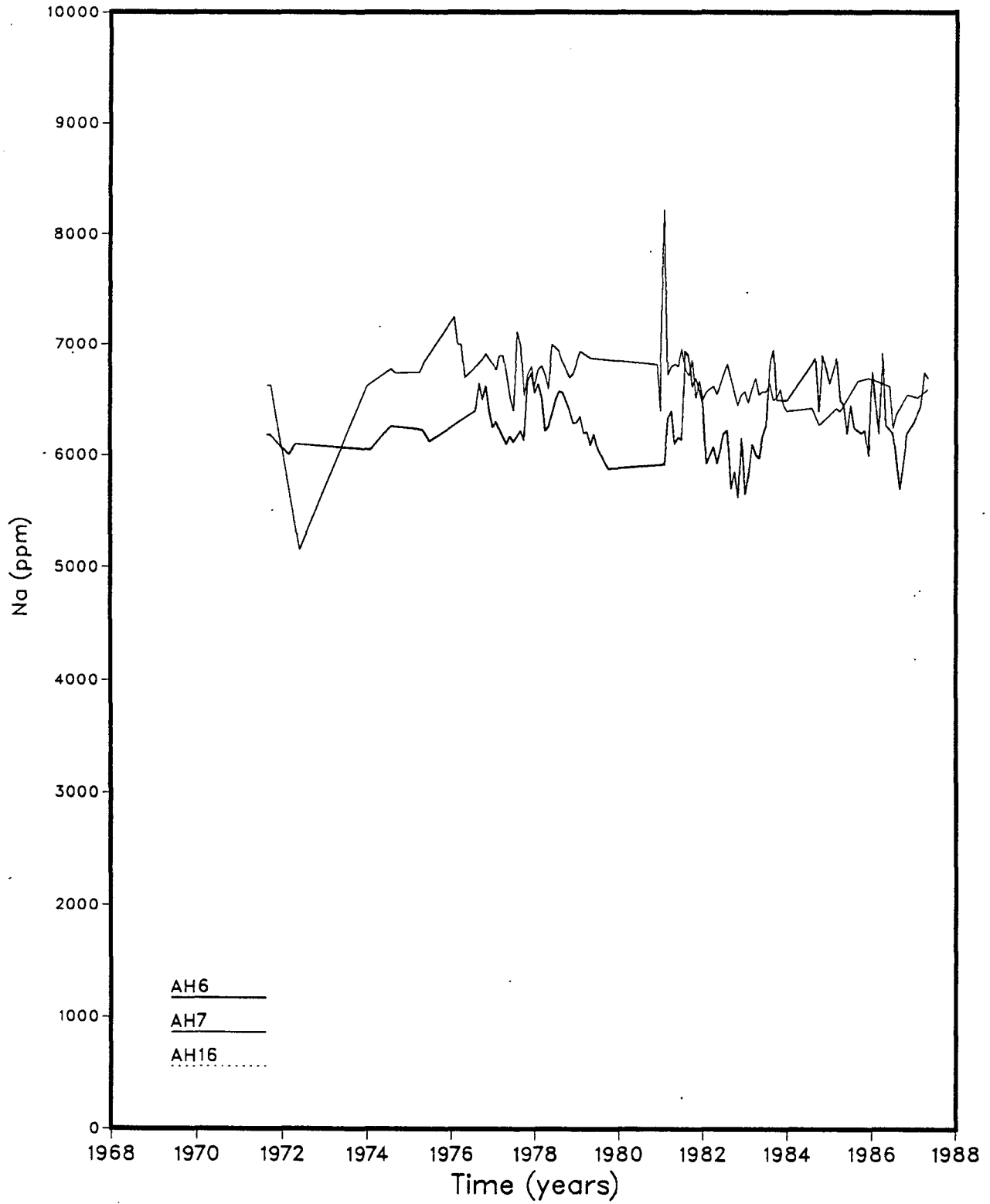
Water Chemistry (Mg)



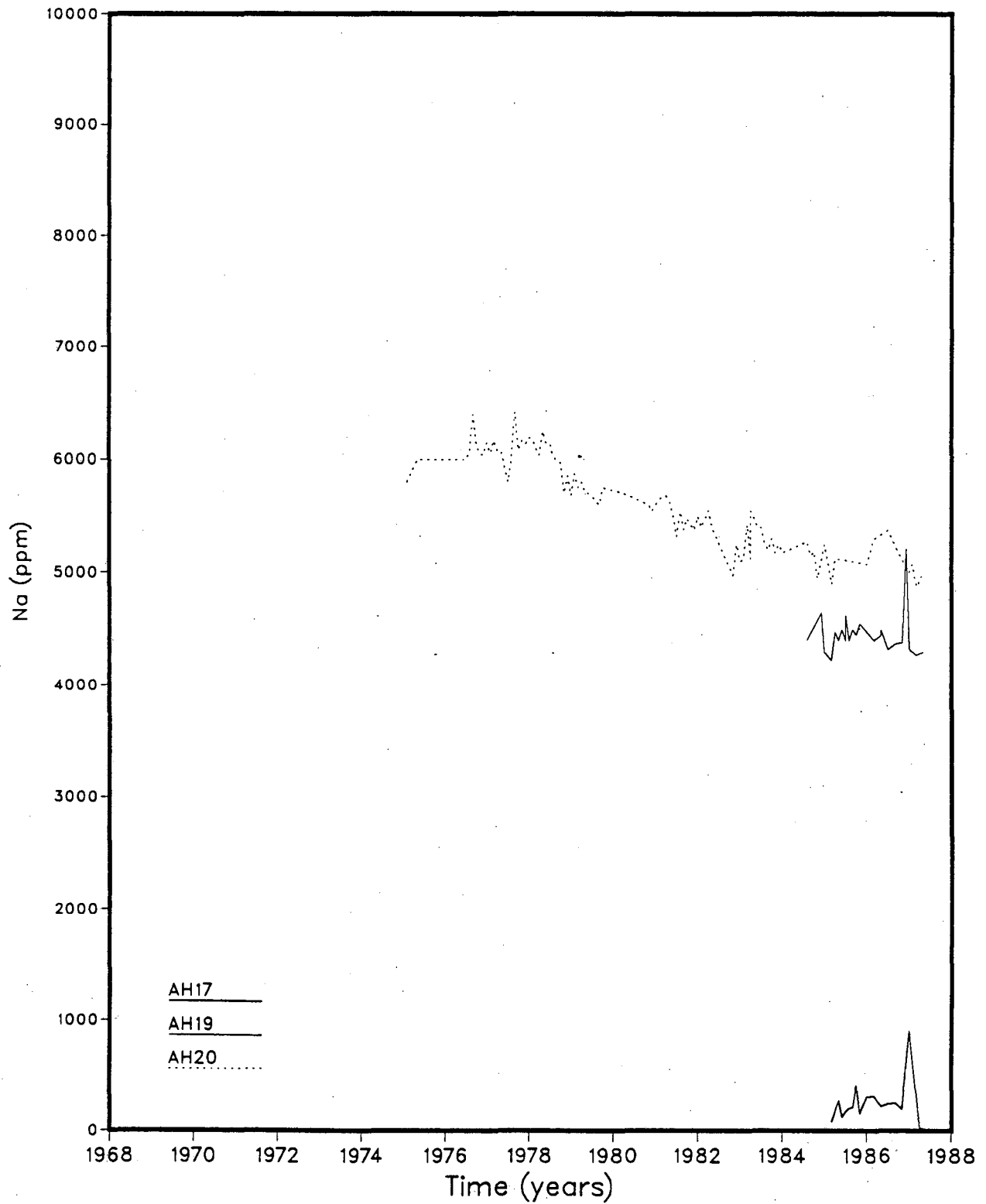
Water Chemistry (Na)



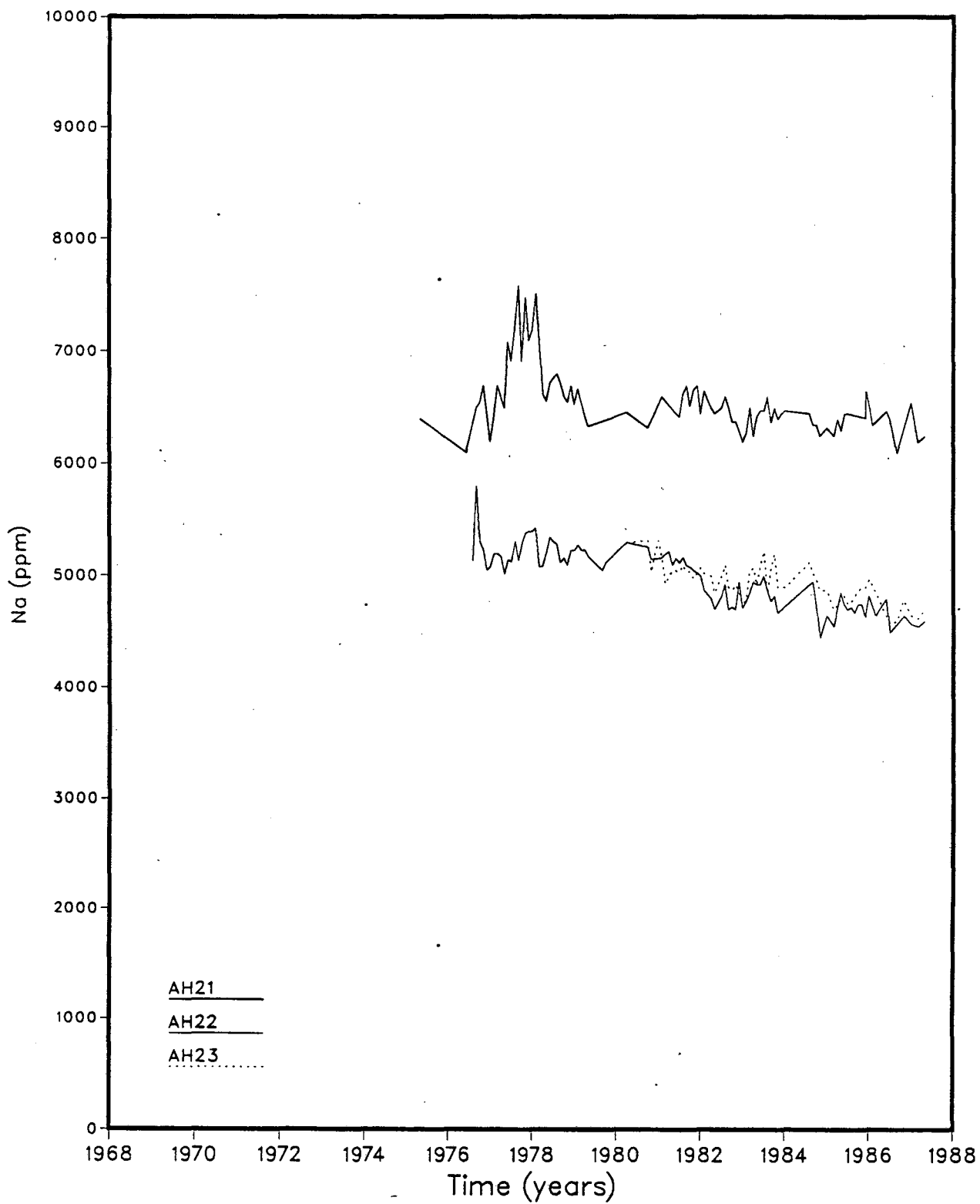
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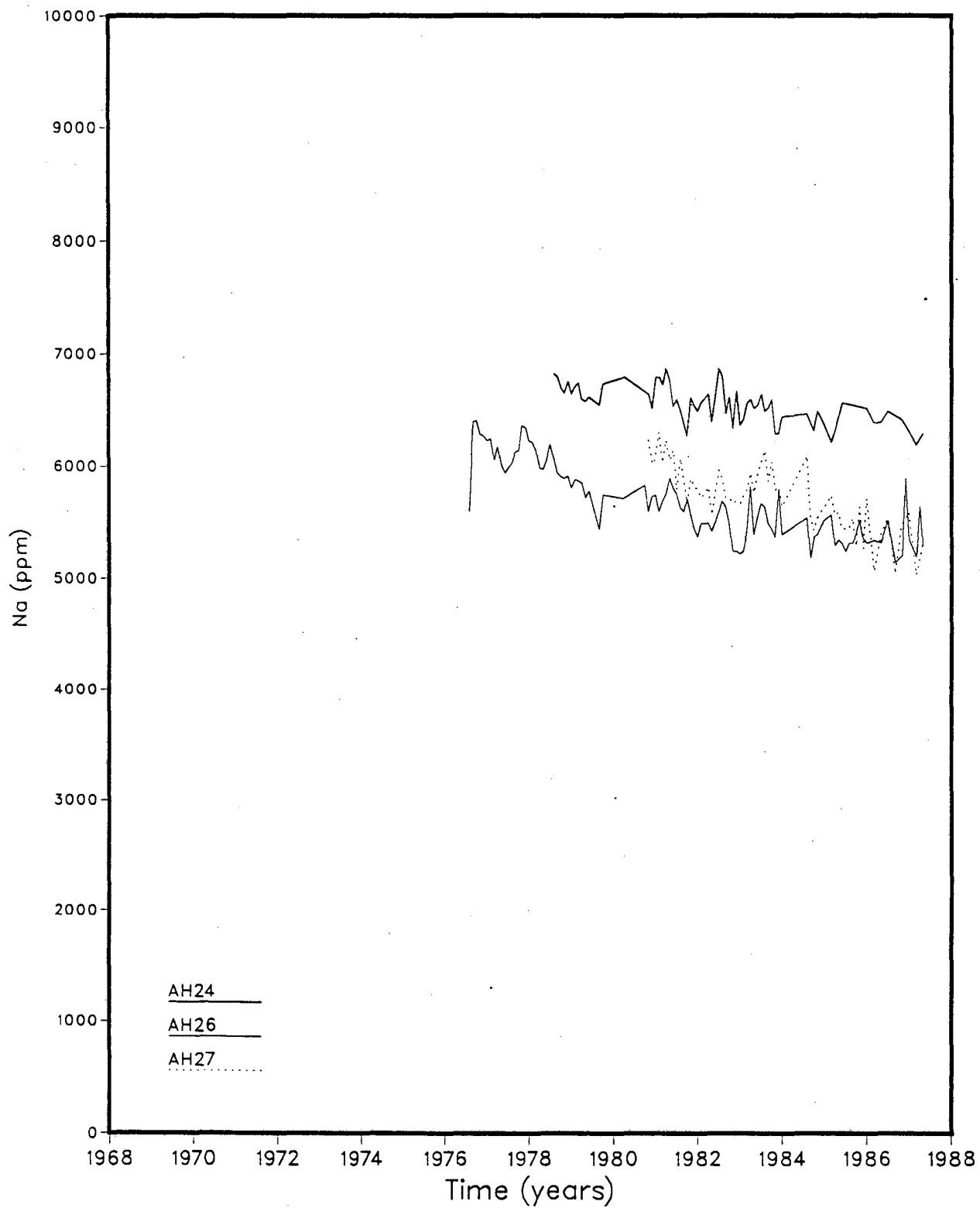
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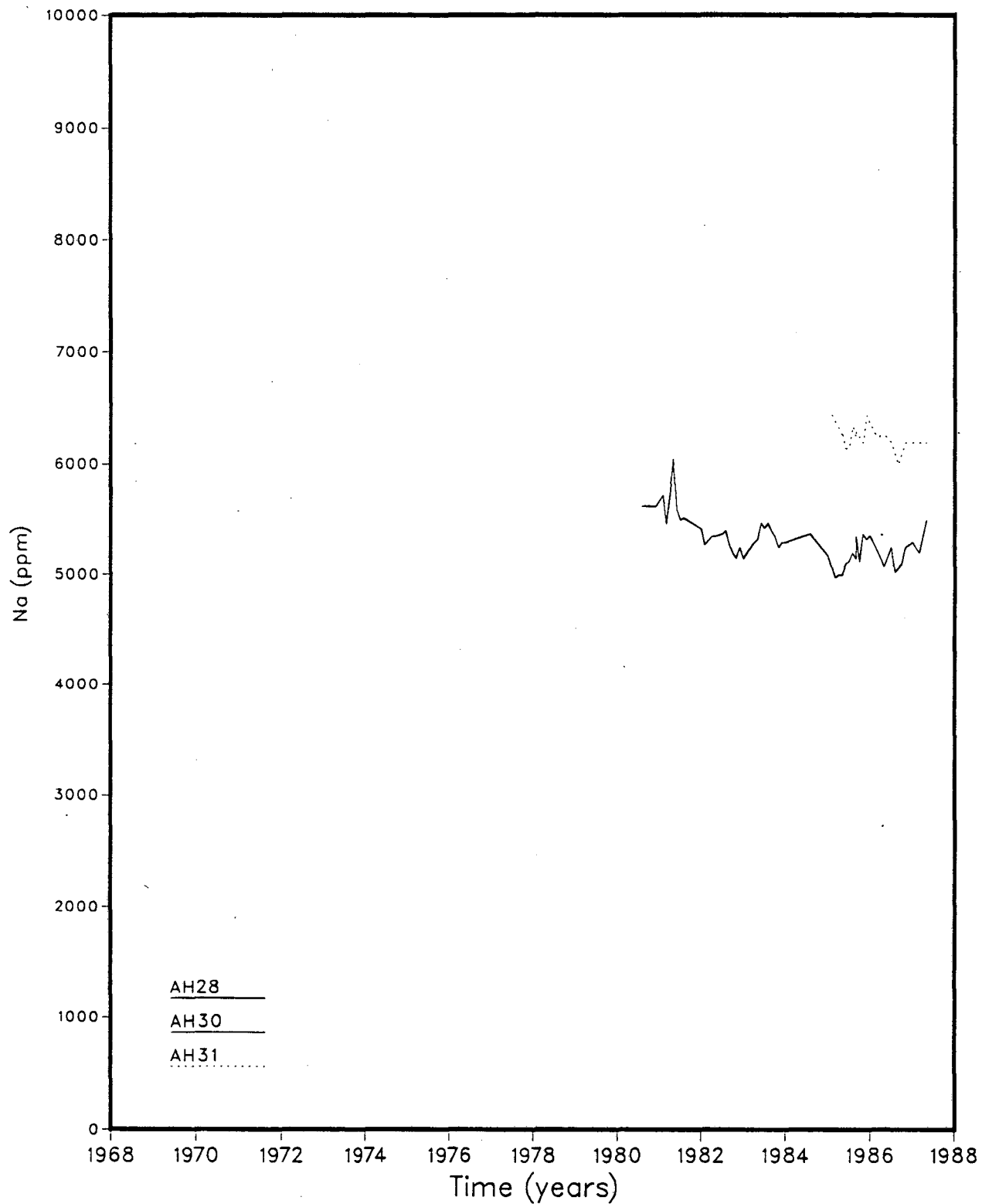
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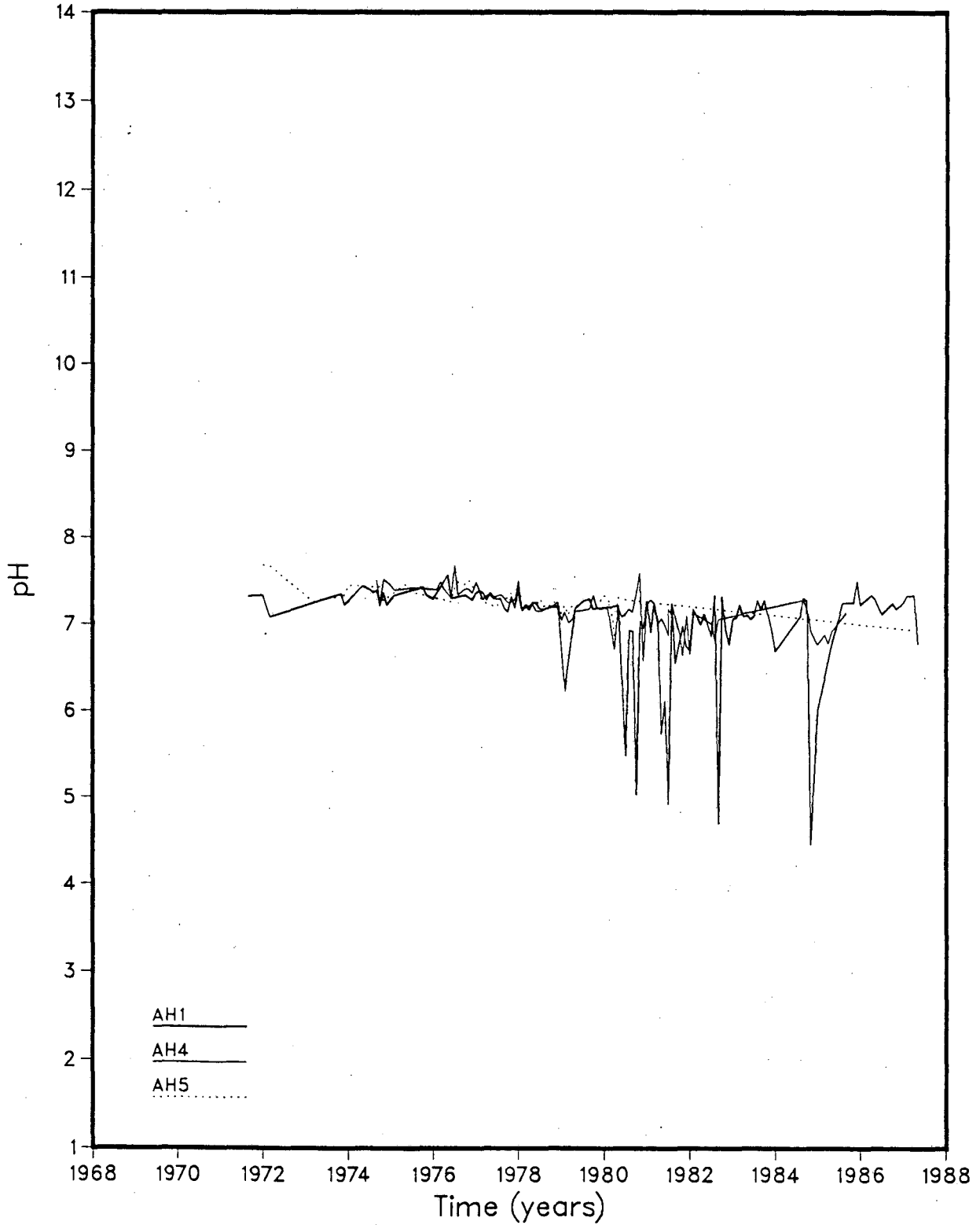
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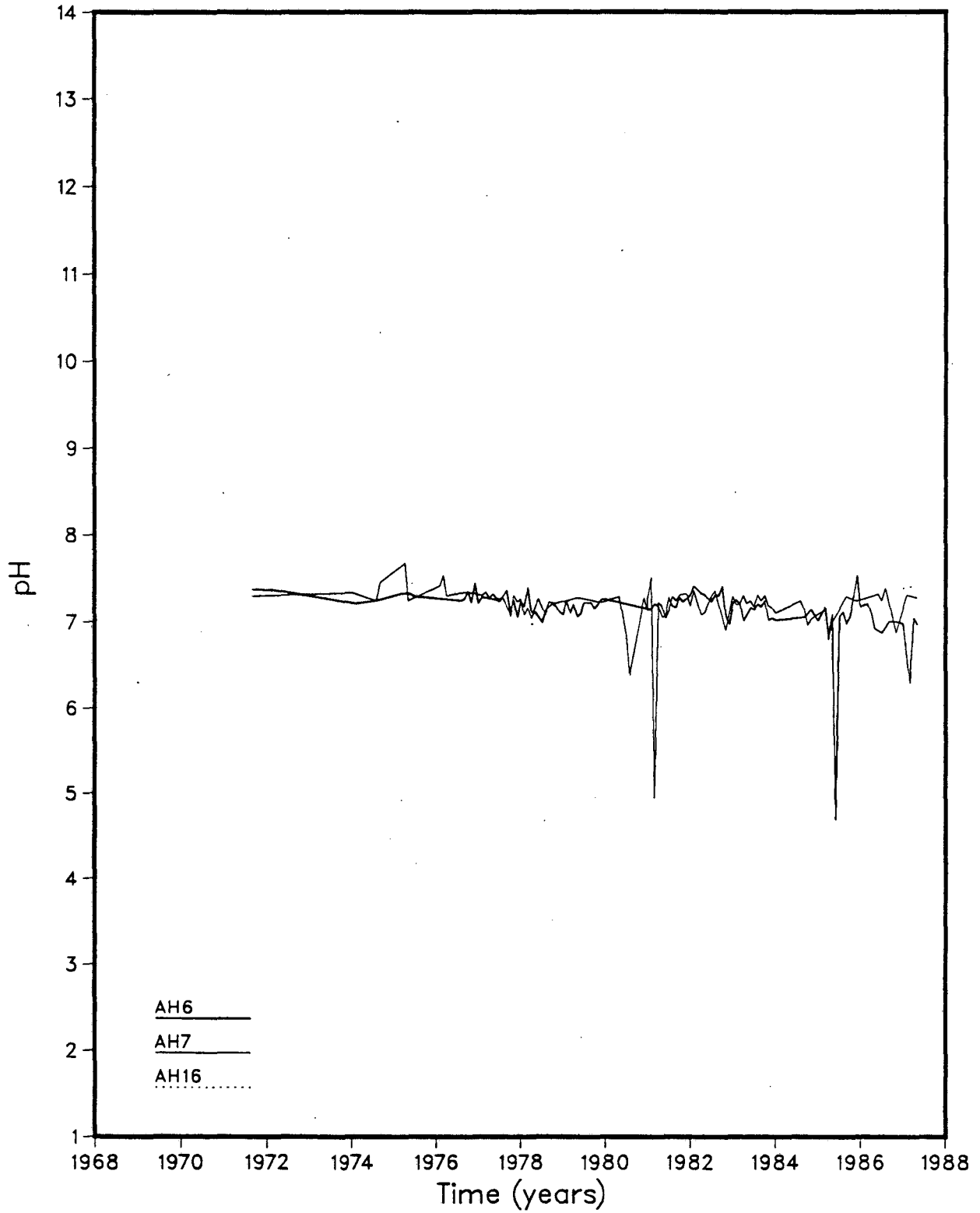
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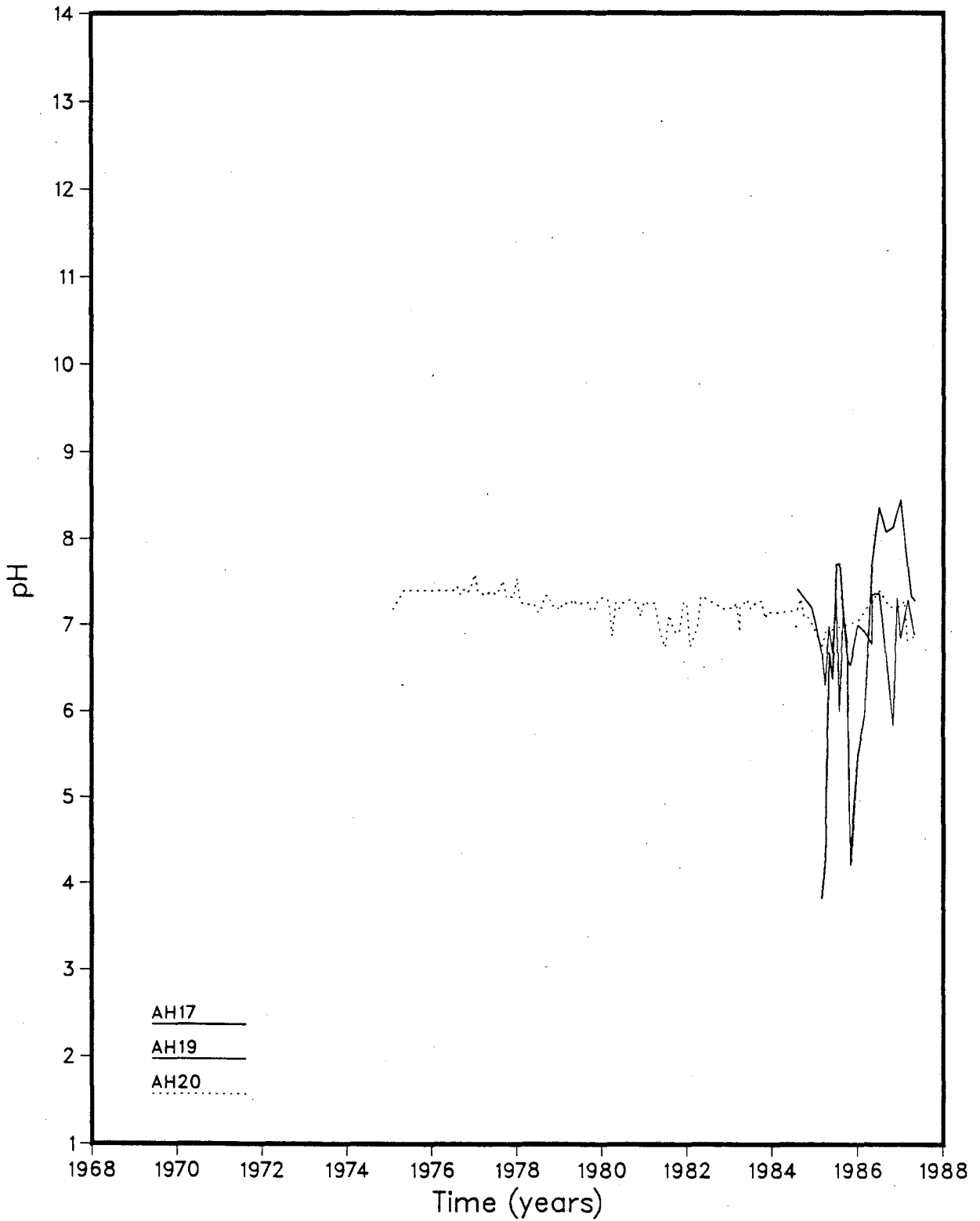
Water Chemistry (pH)



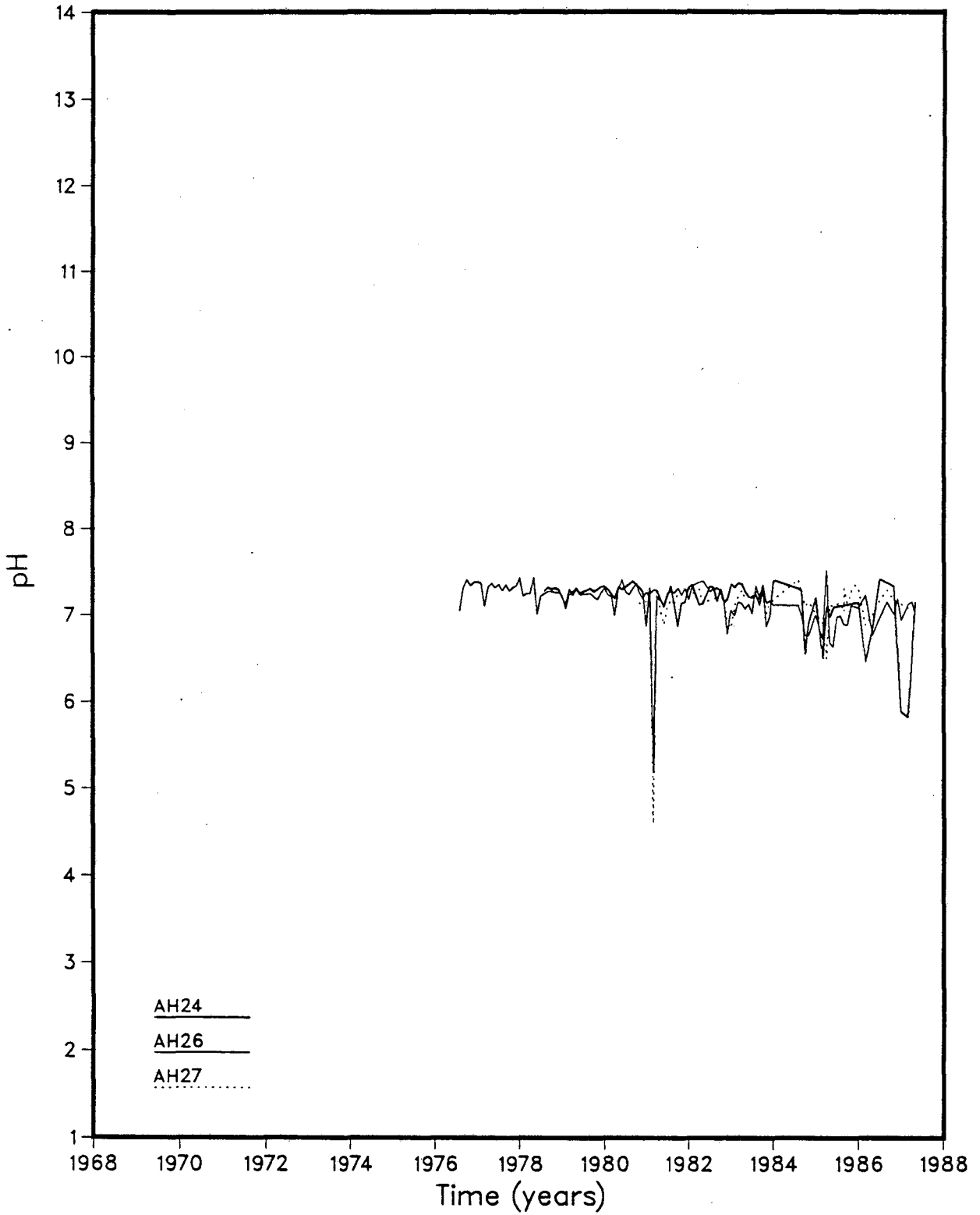
Water Chemistry (pH)



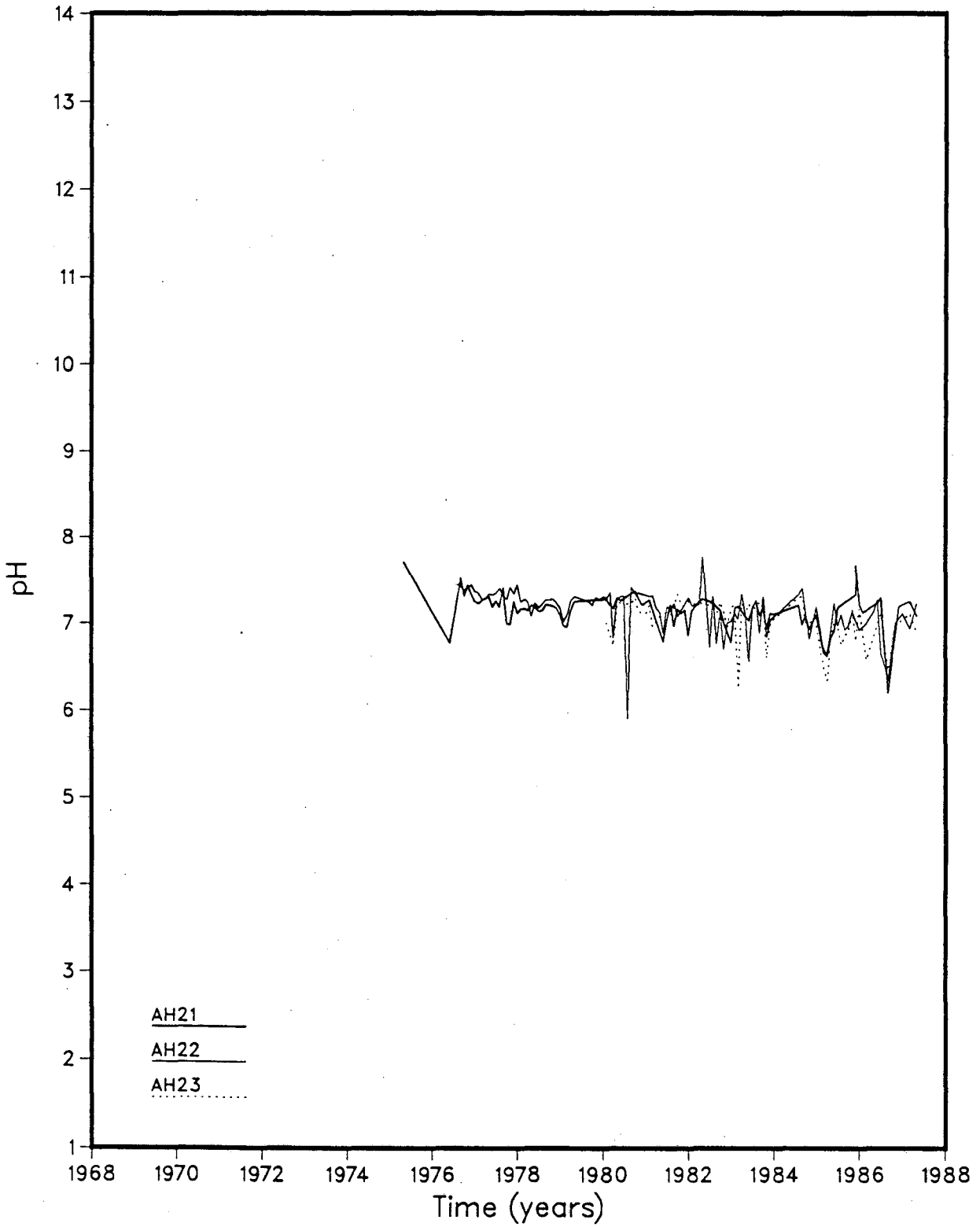
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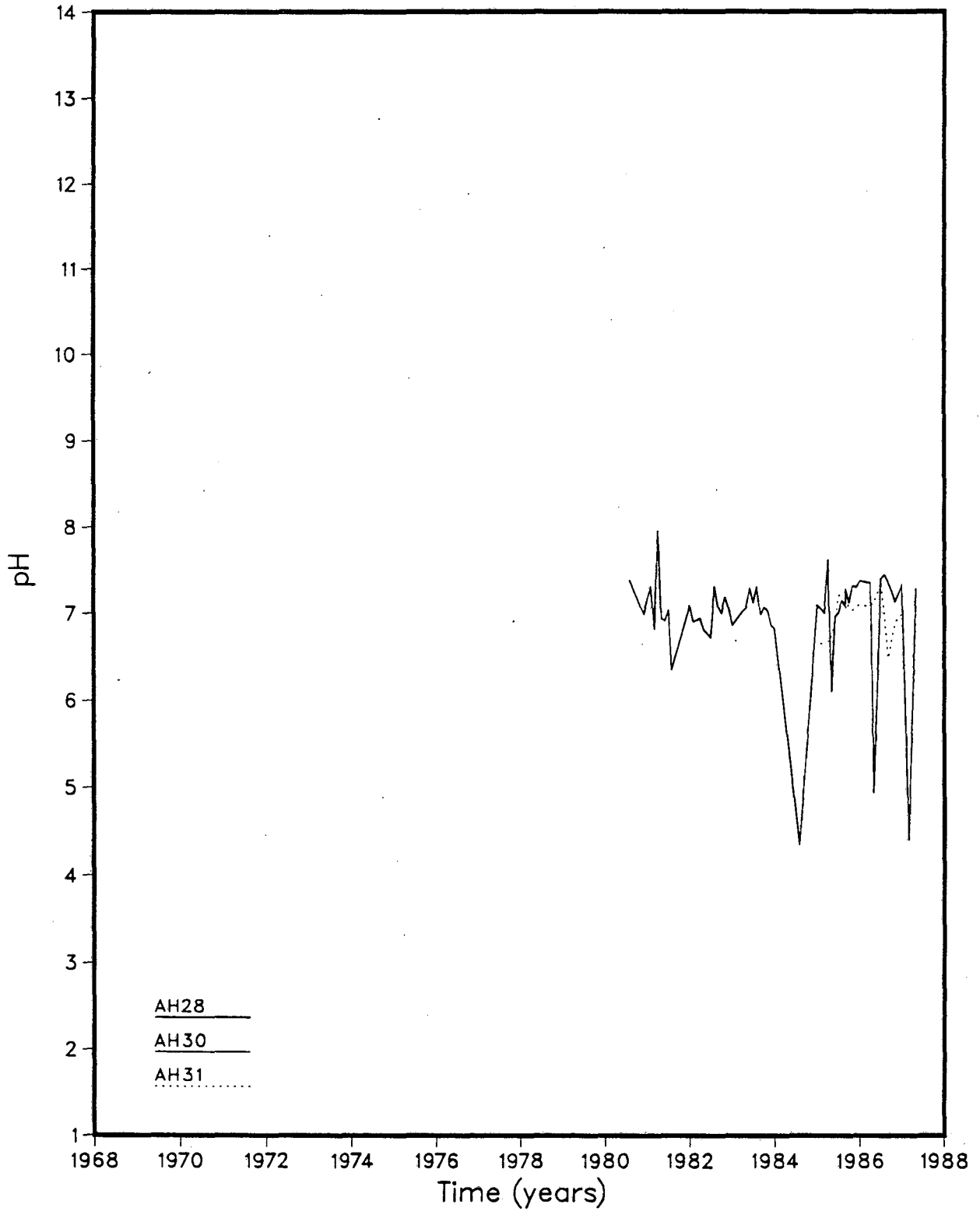
Water Chemistry (pH)



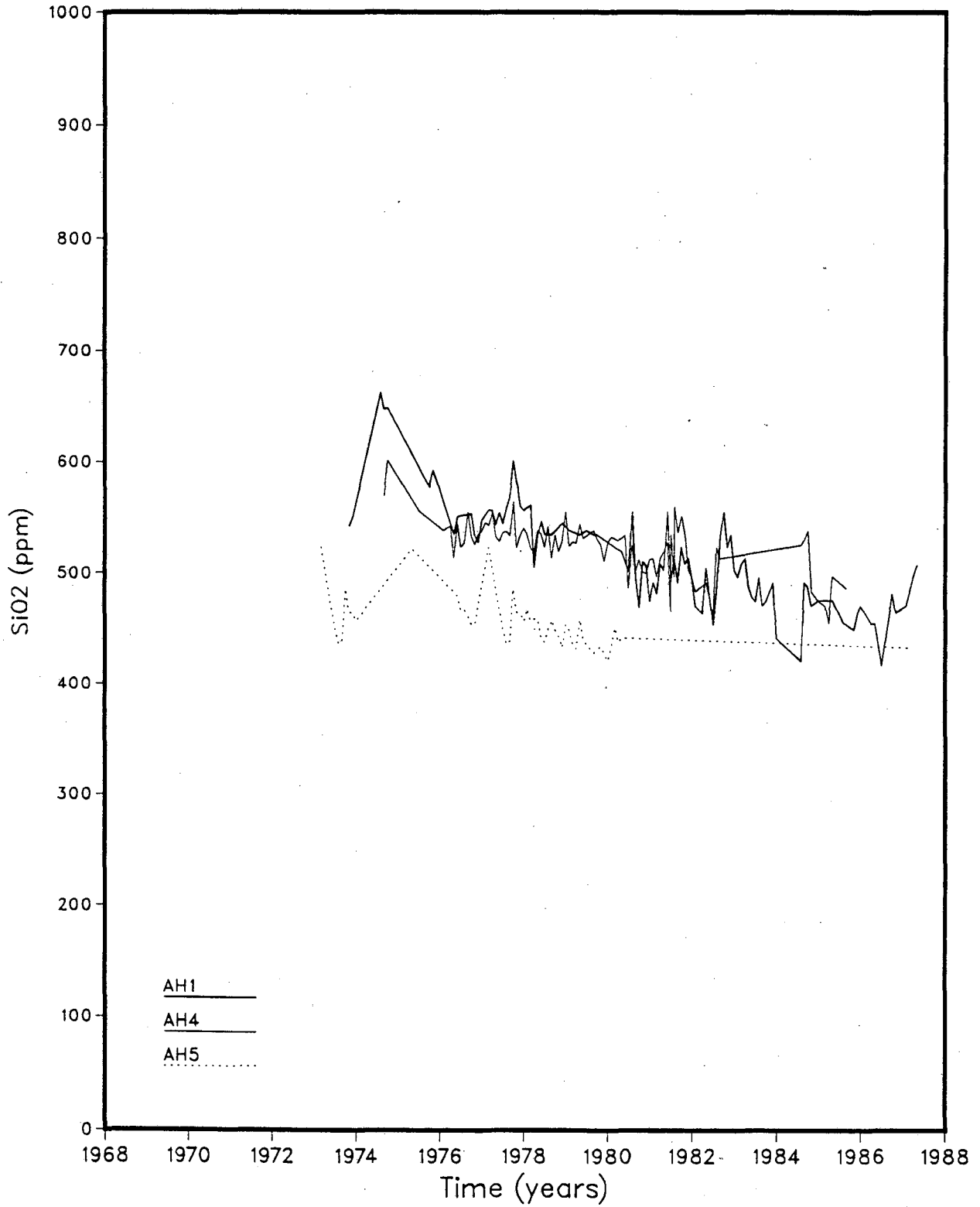
Water Chemistry (pH)



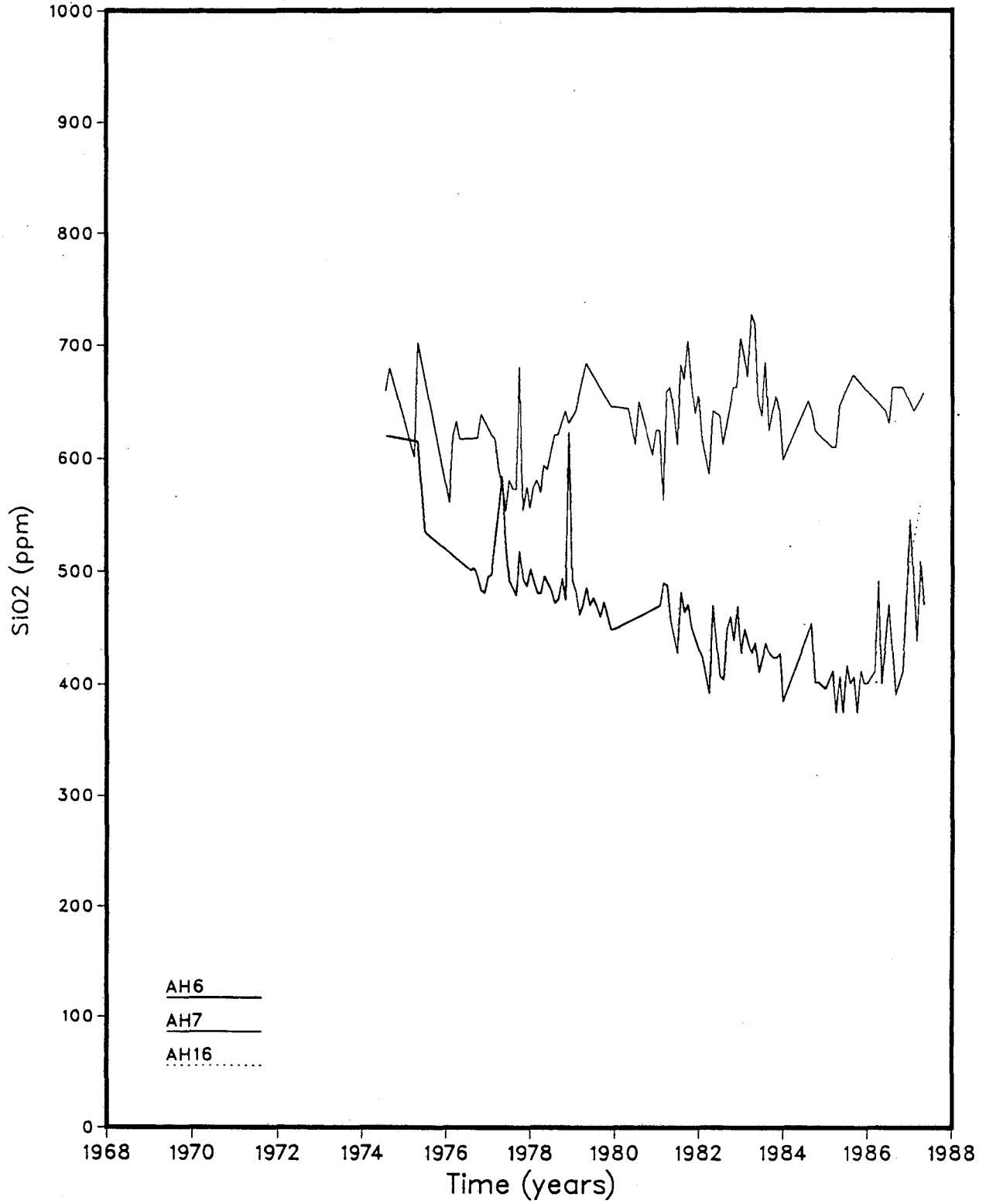
Water Chemistry (pH)



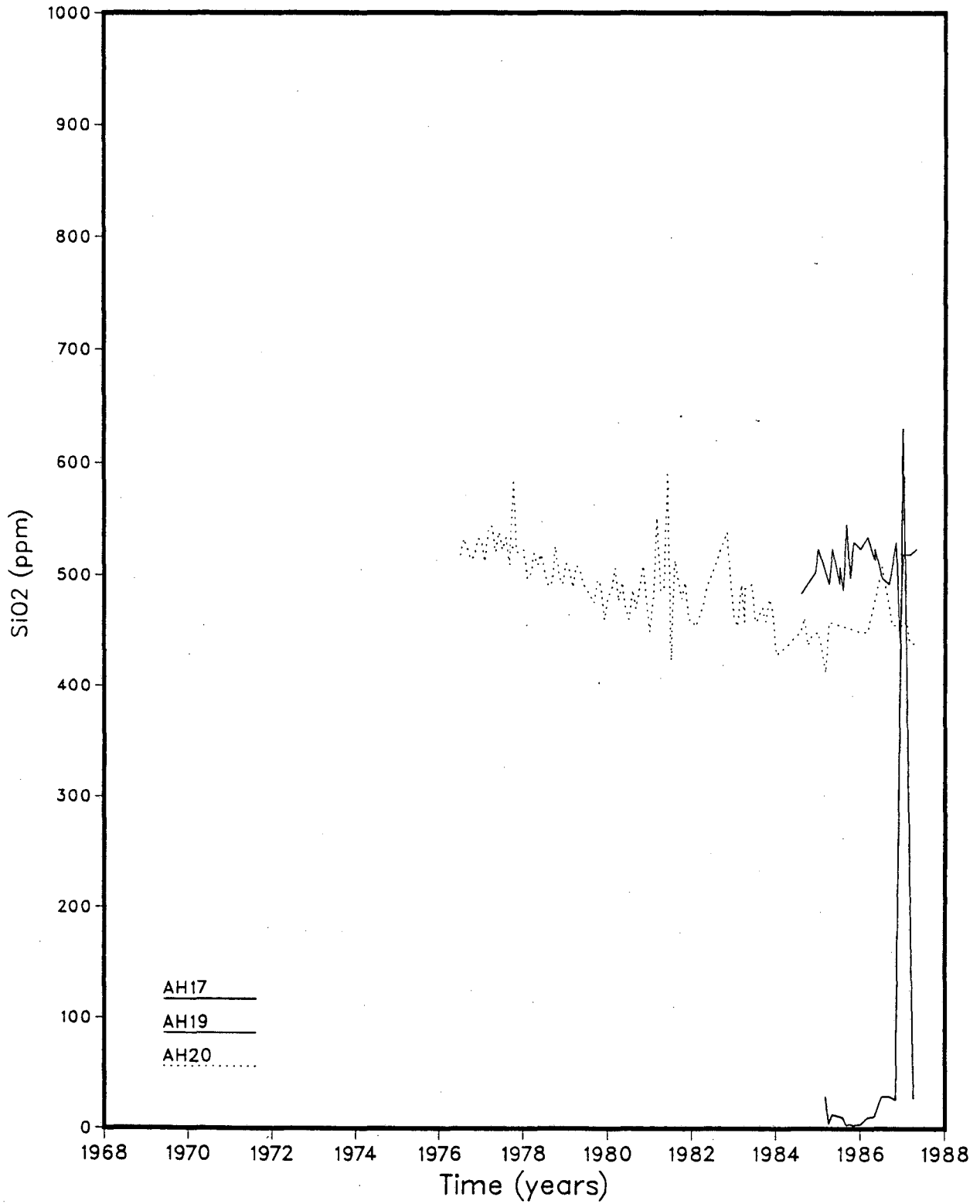
Water Chemistry (SiO₂)



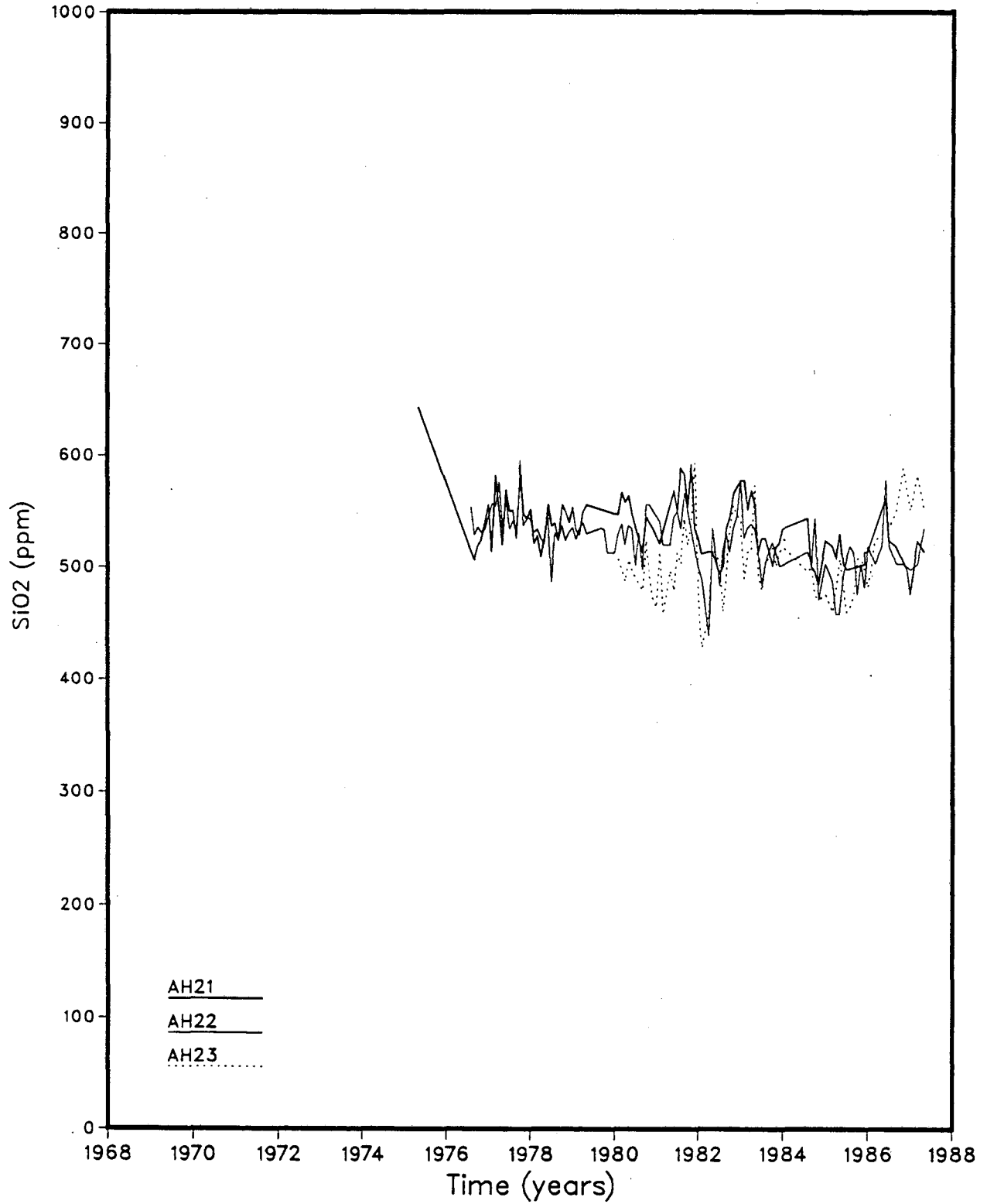
Water Chemistry (SiO₂)



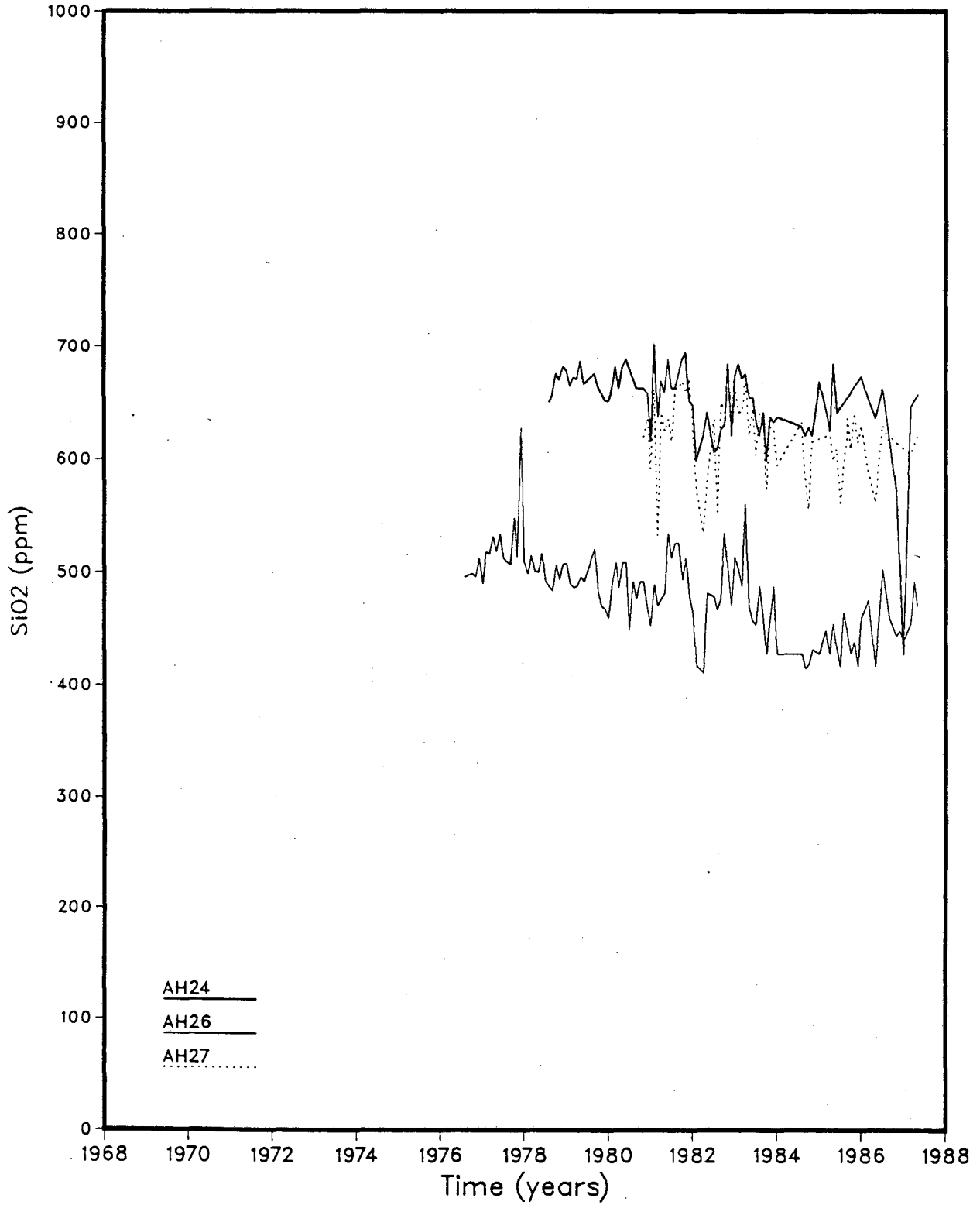
Water Chemistry (SiO₂)



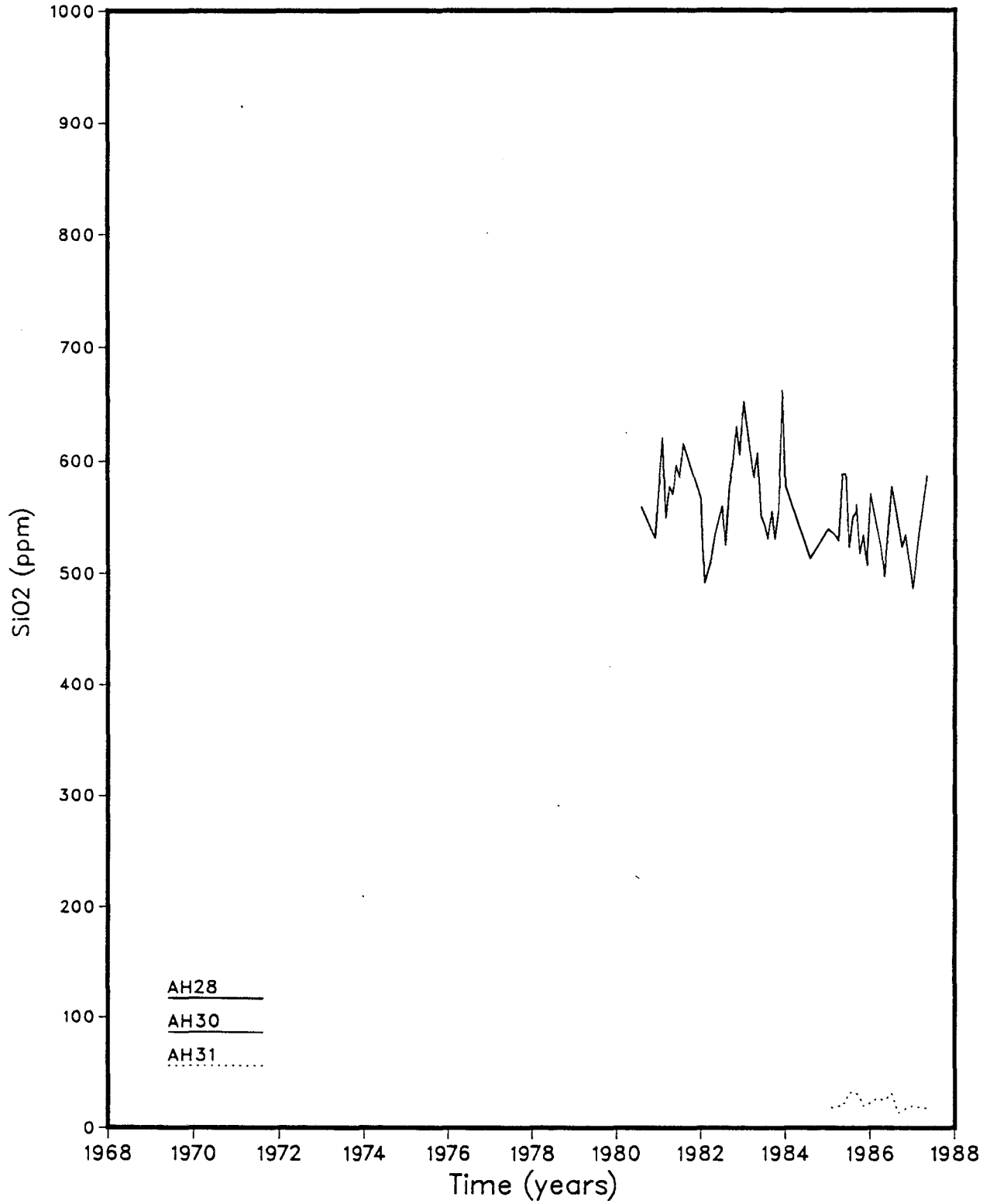
Water Chemistry (SiO₂)



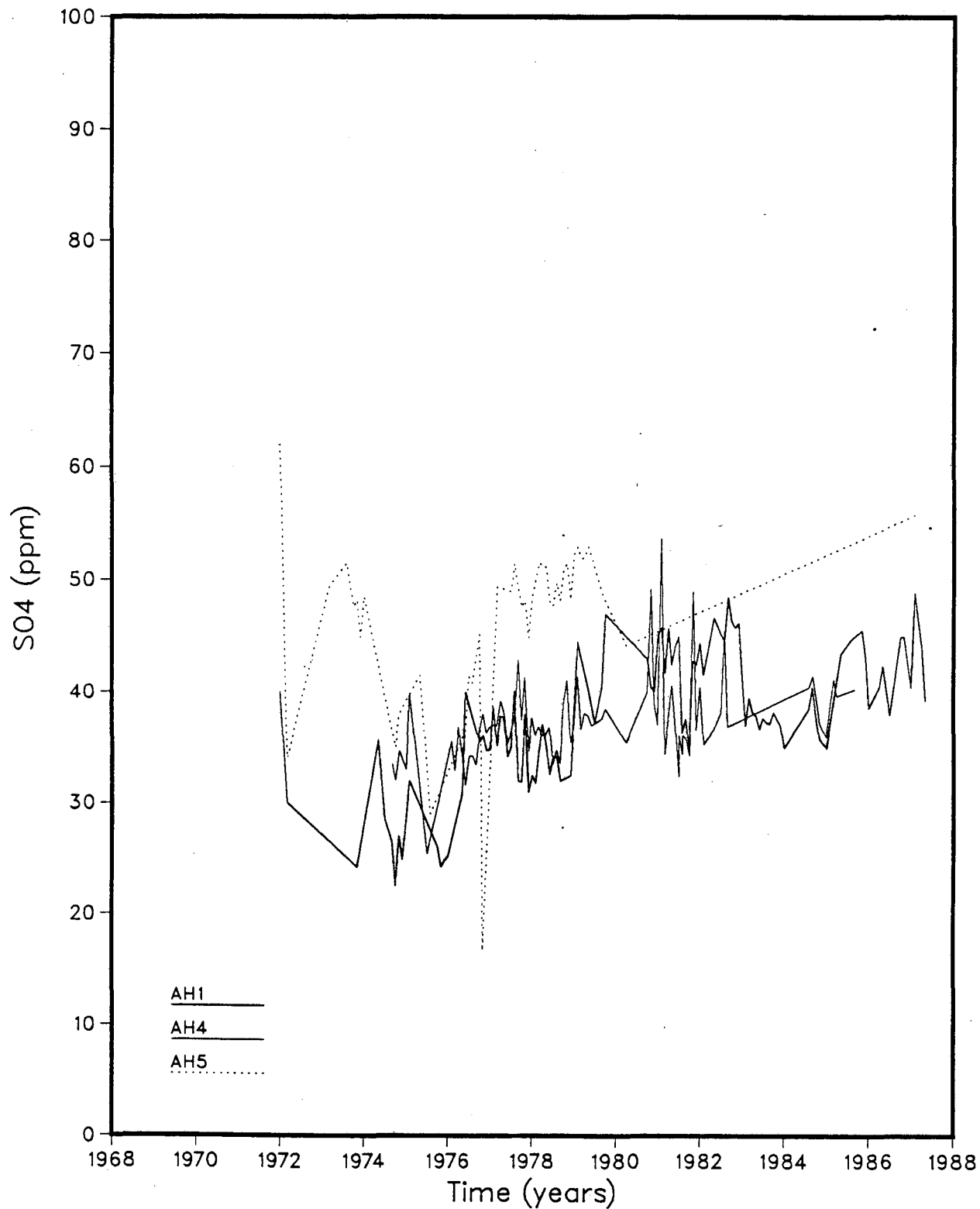
Water Chemistry (SiO₂)



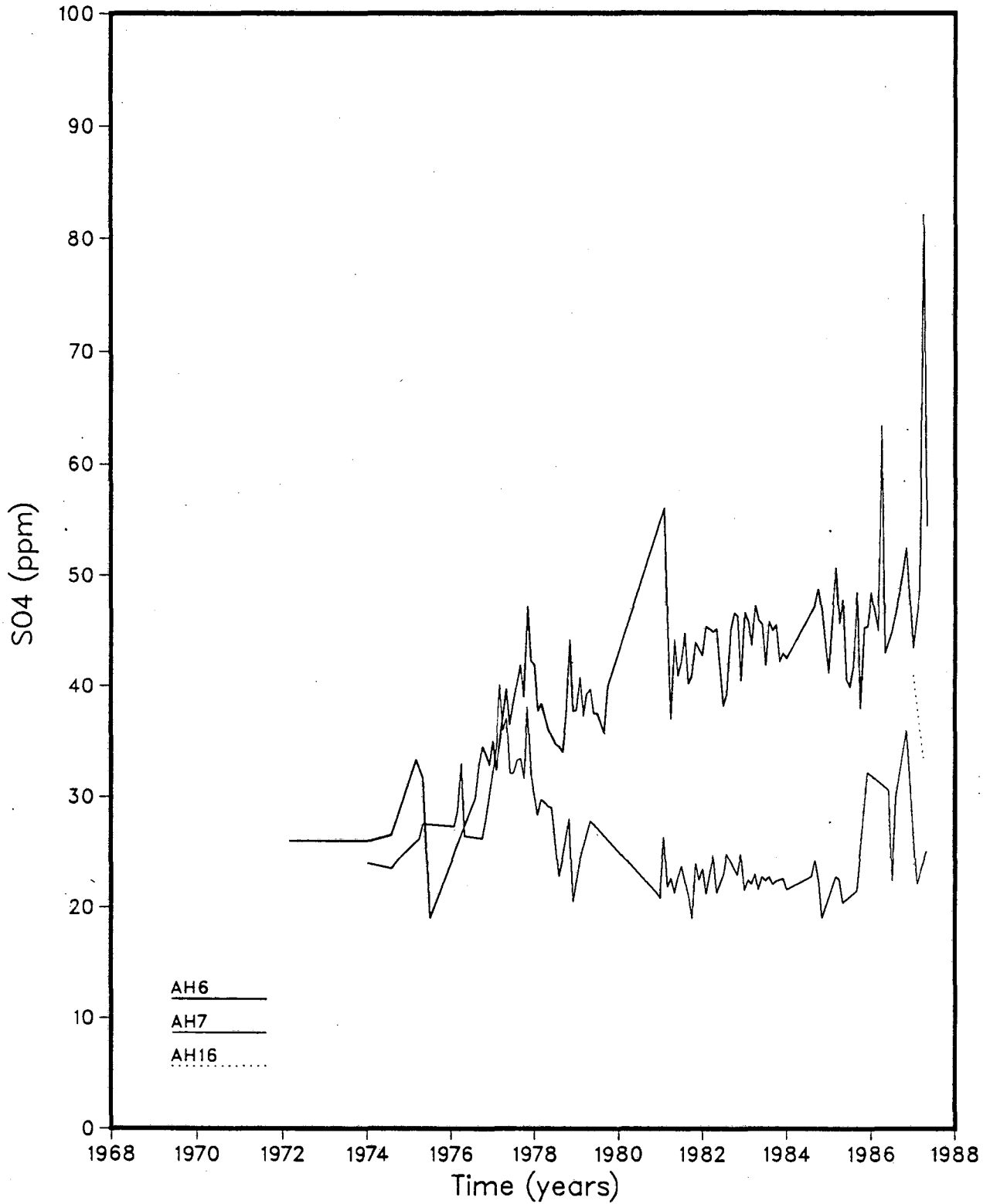
Water Chemistry (SiO₂)



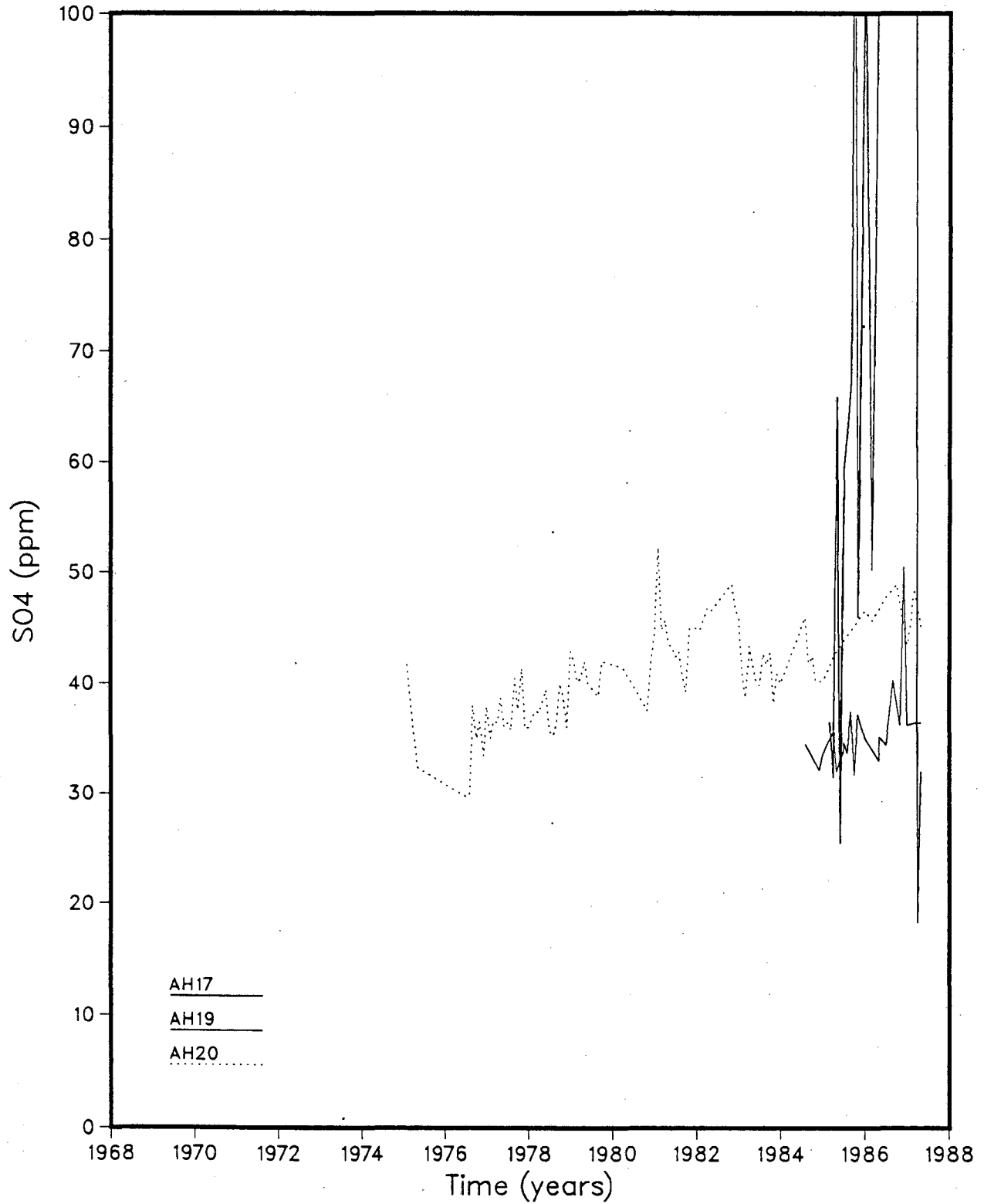
Water Chemistry (S04)



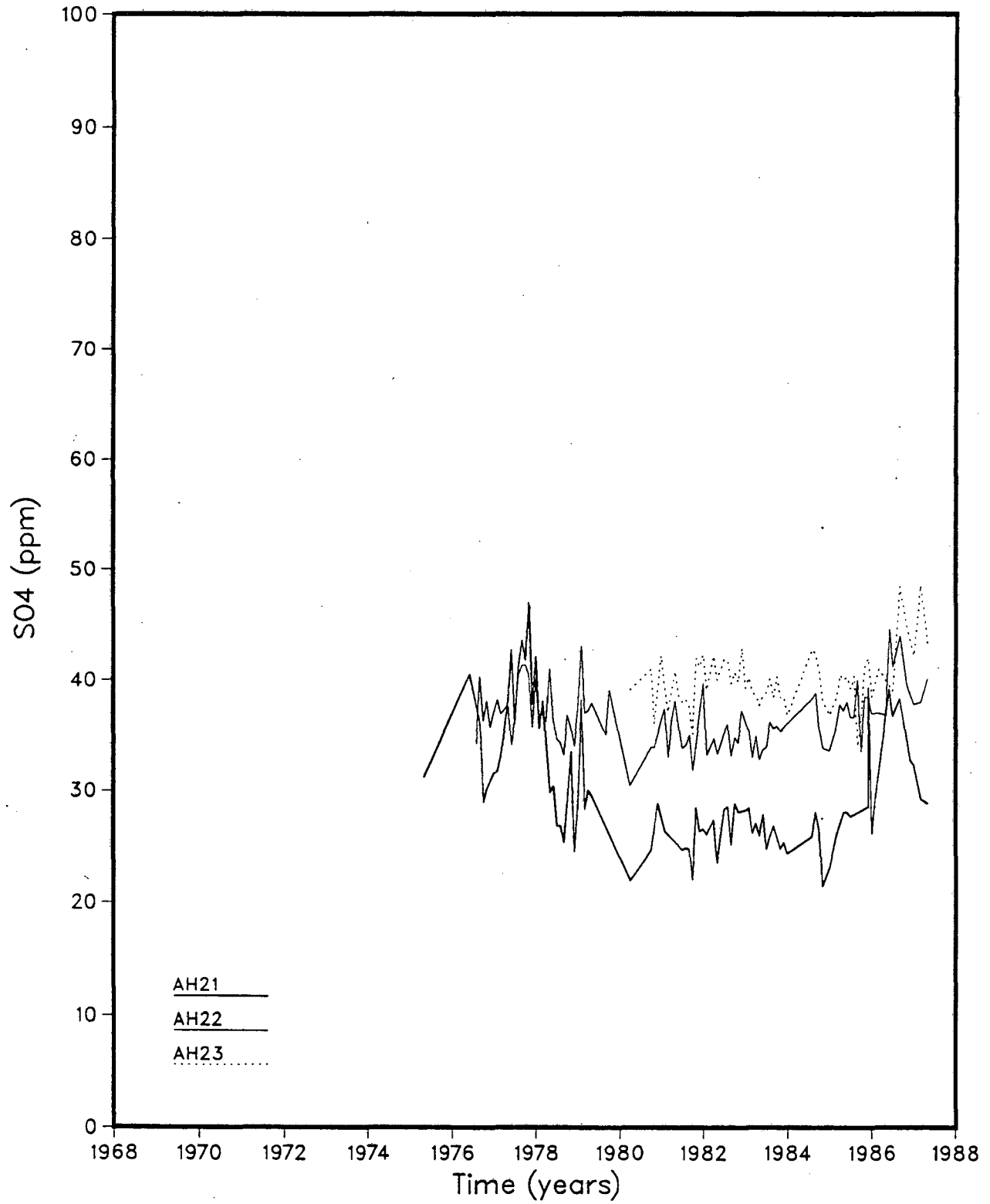
Water Chemistry (S04)



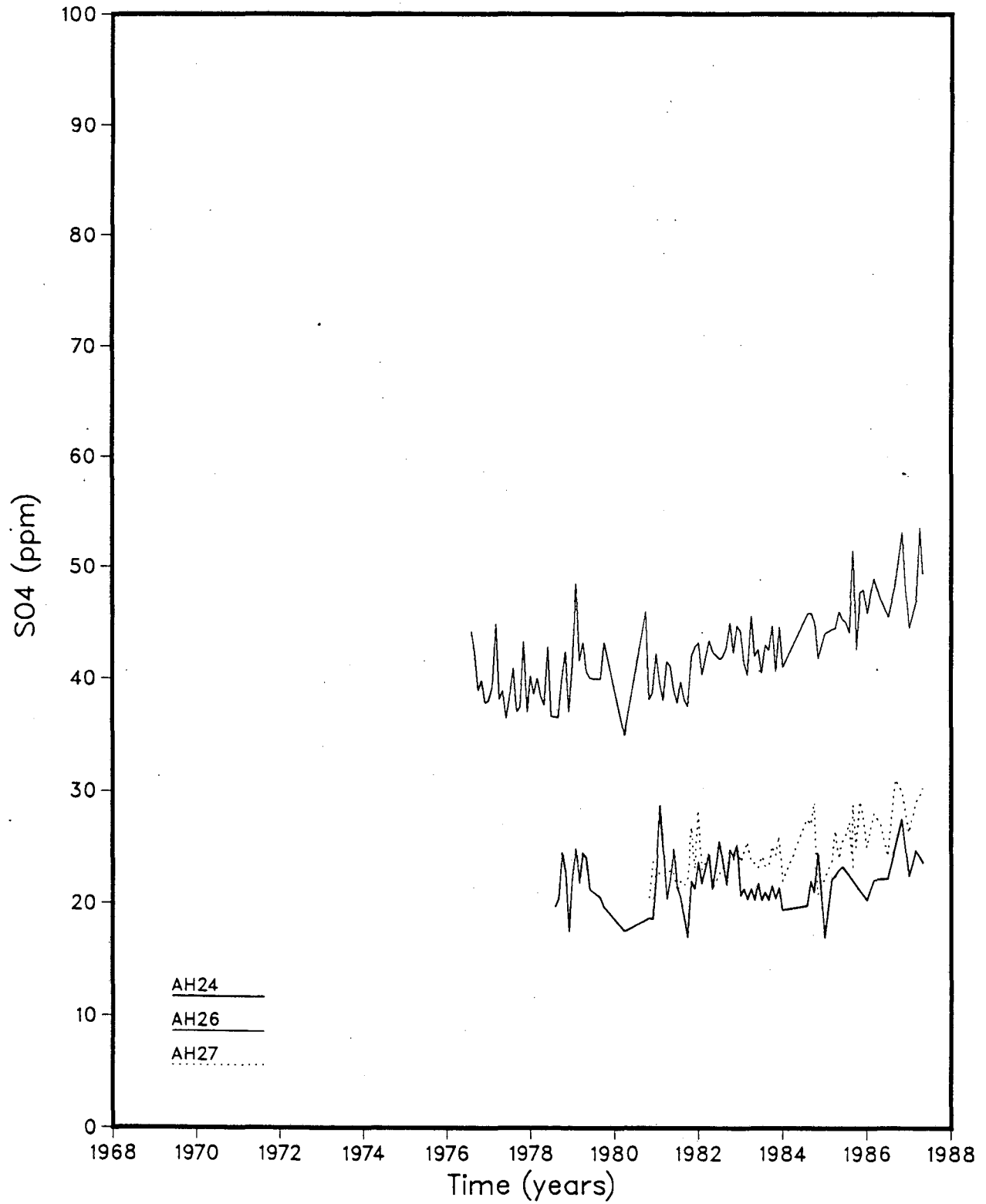
Water Chemistry (S04)



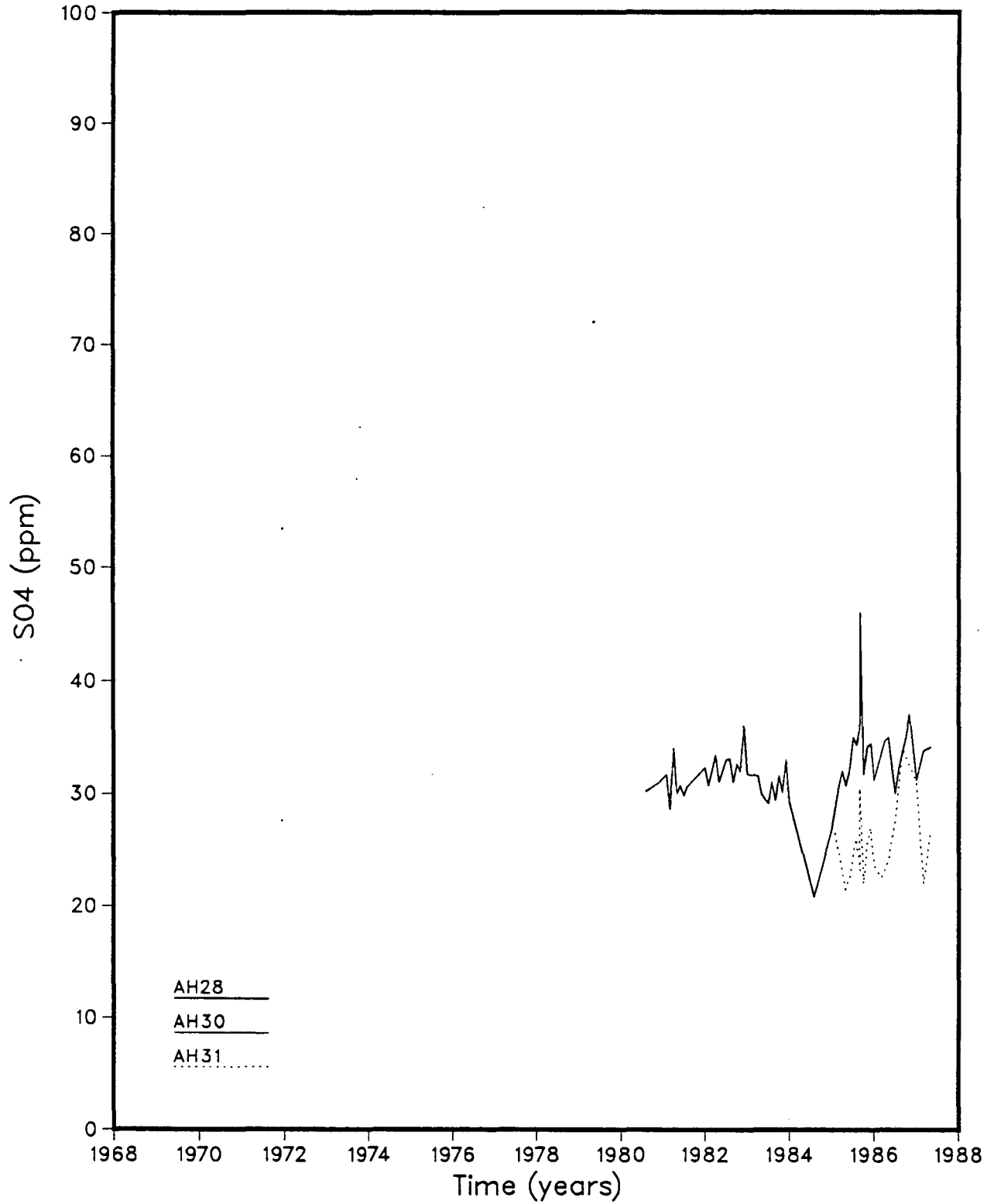
Water Chemistry (SO4)



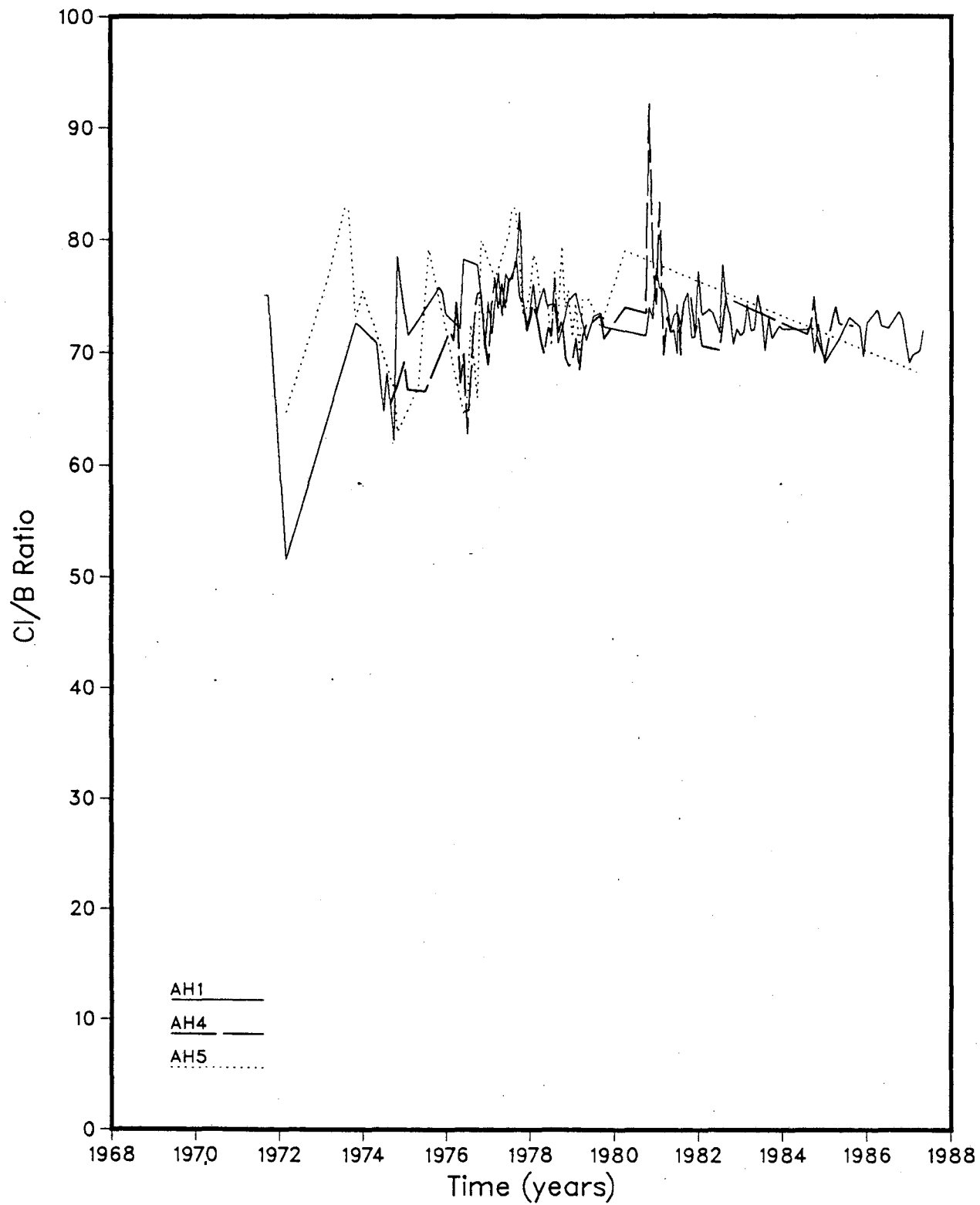
Water Chemistry (S04)



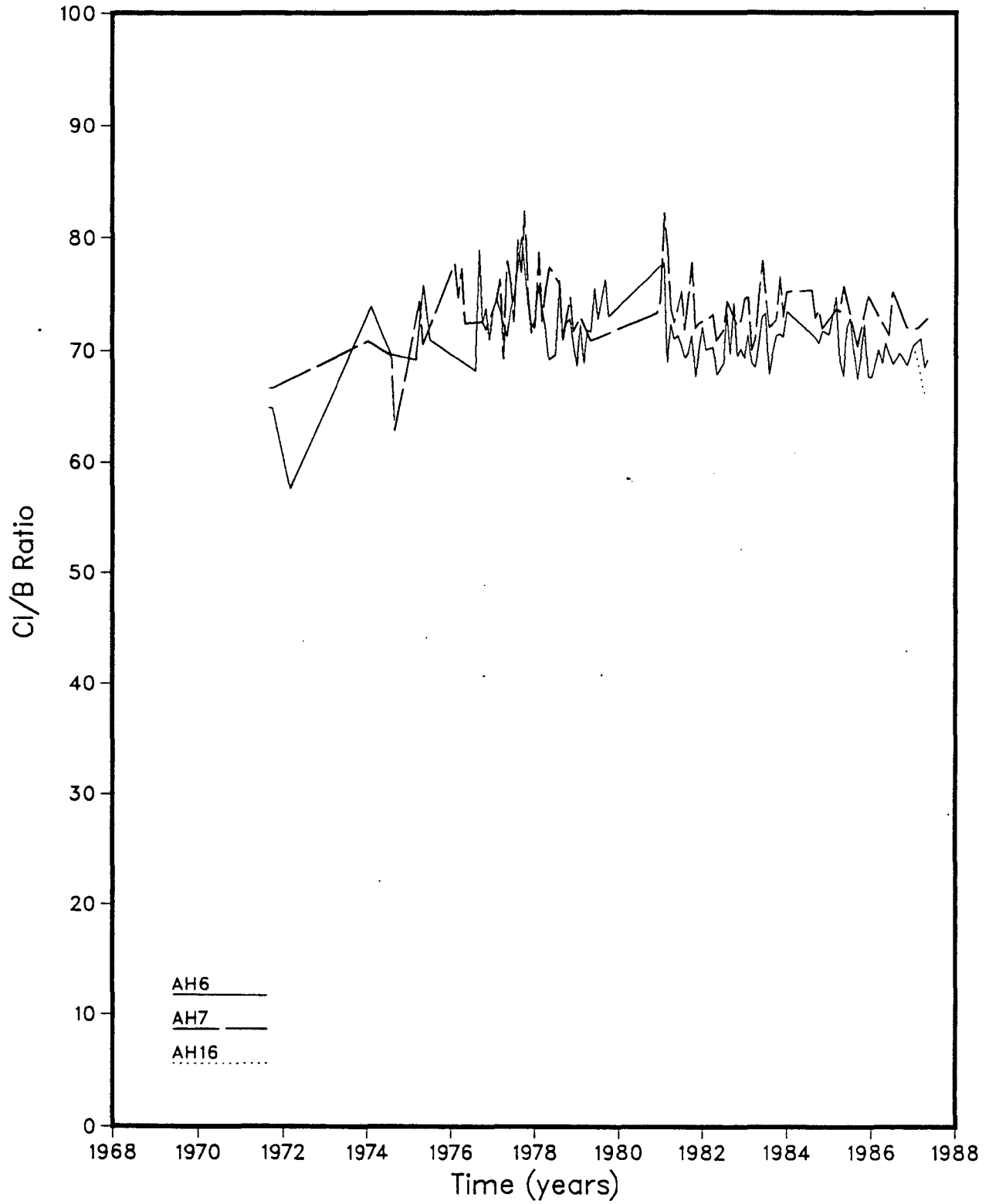
Water Chemistry (SO4)



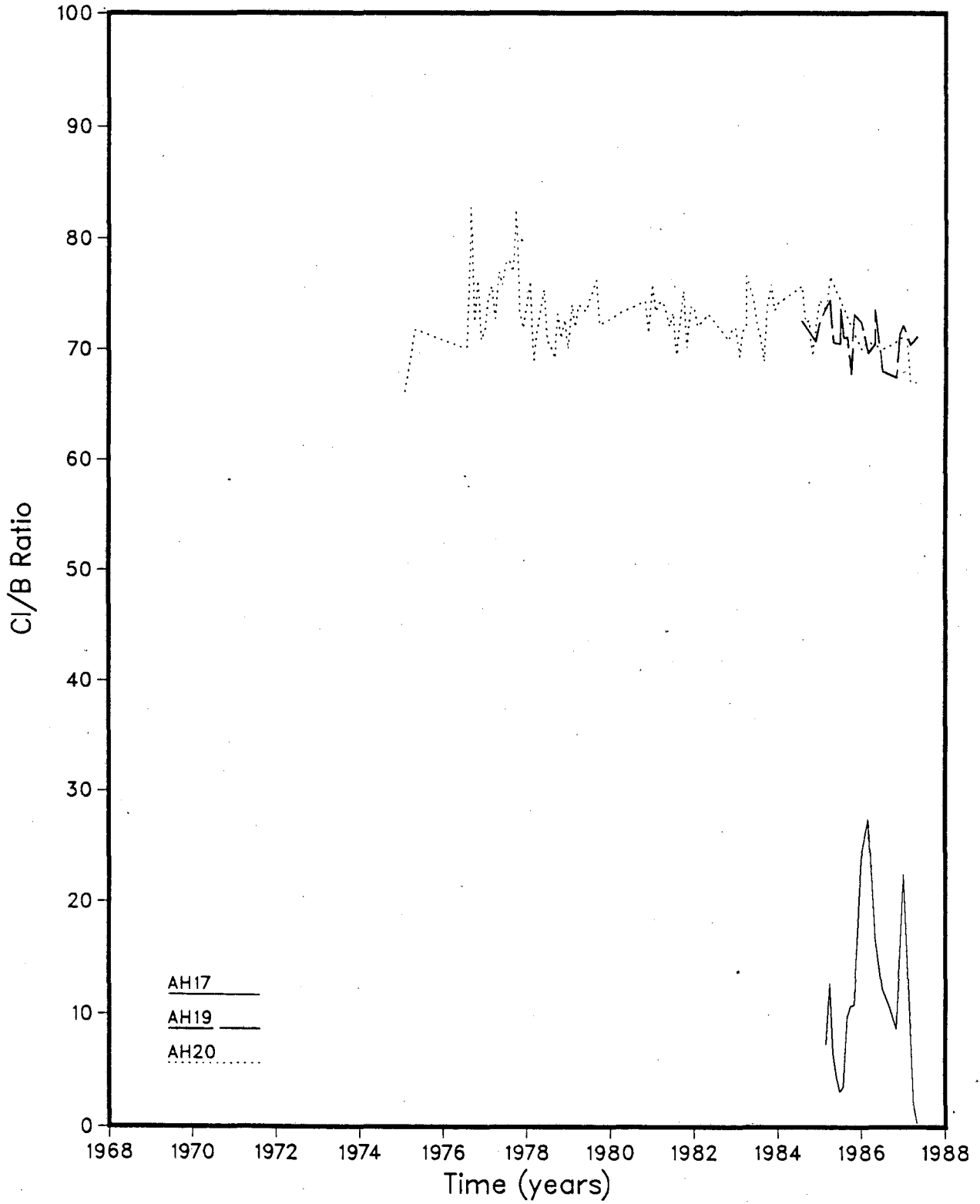
Water Chemistry (Cl/B)



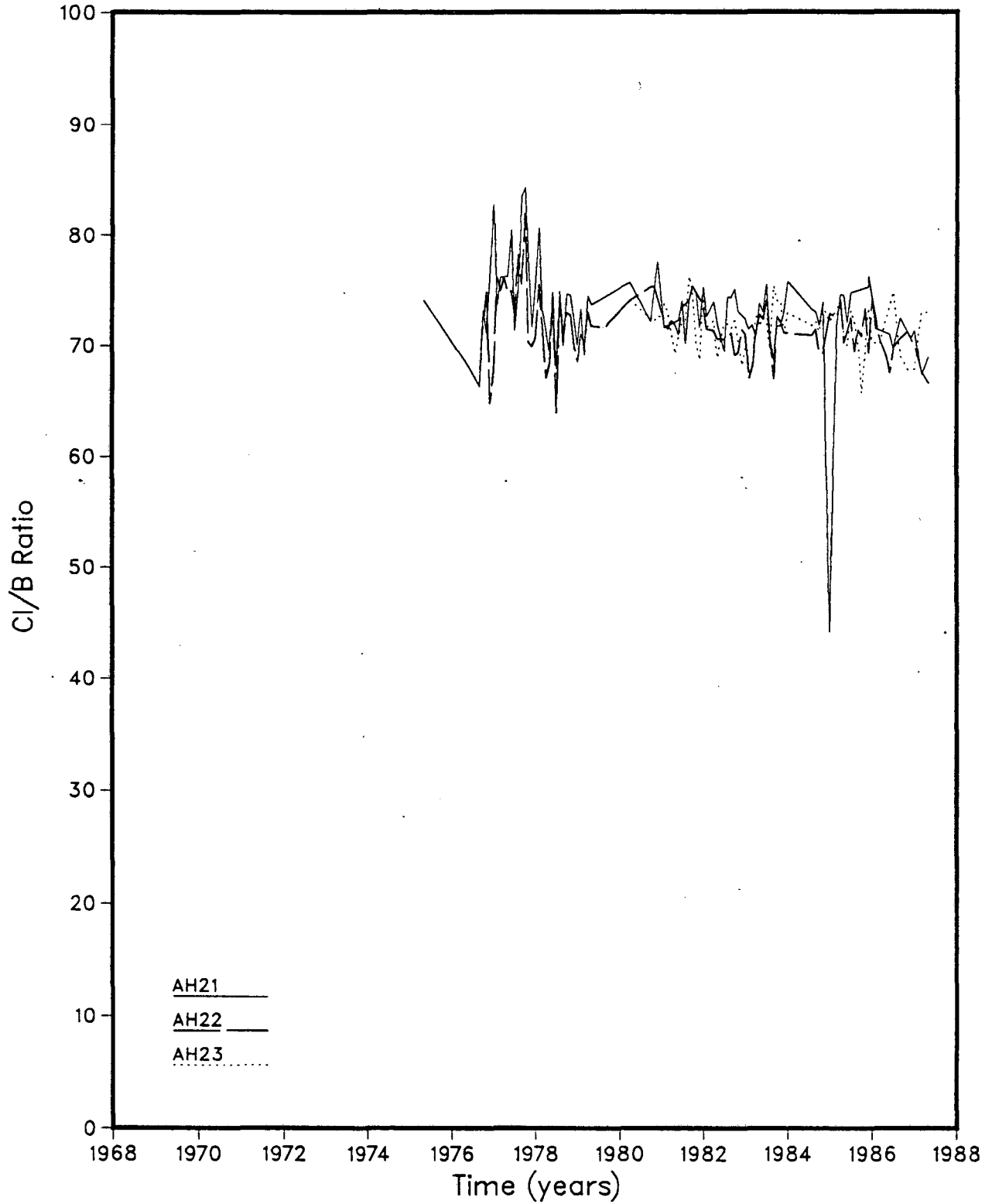
Water Chemistry (Cl/B)



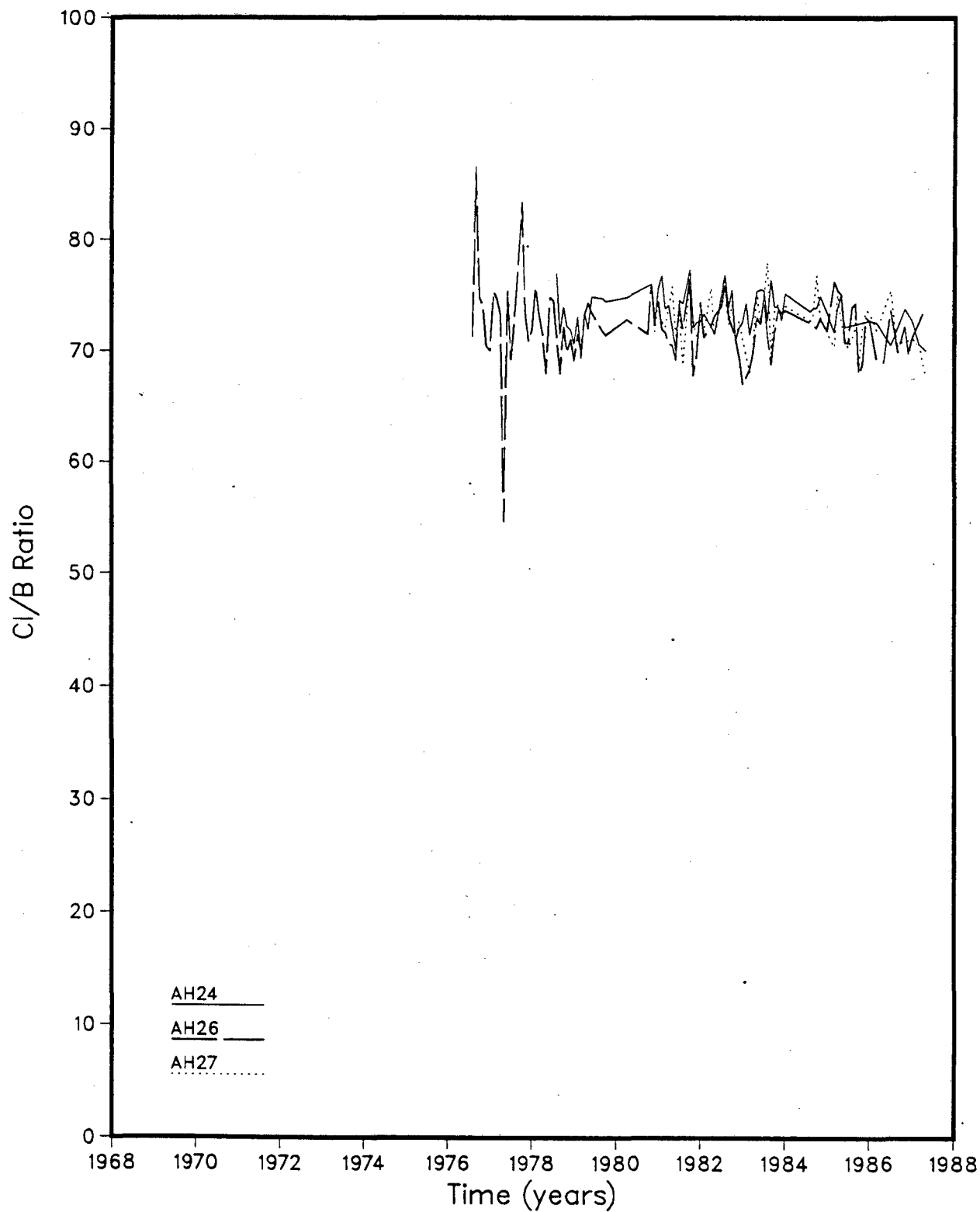
Water Chemistry (Cl/B)



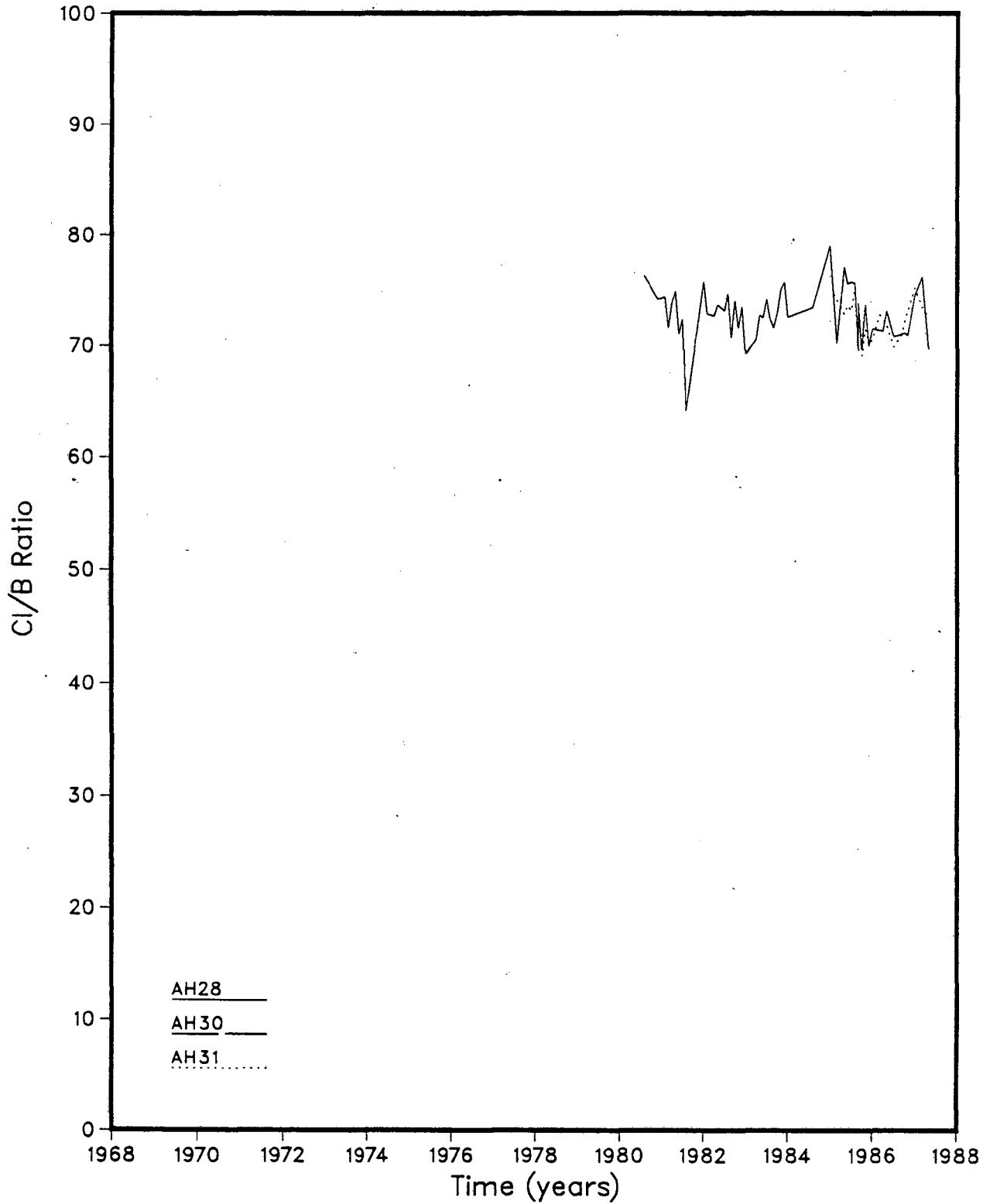
Water Chemistry (Cl/B)



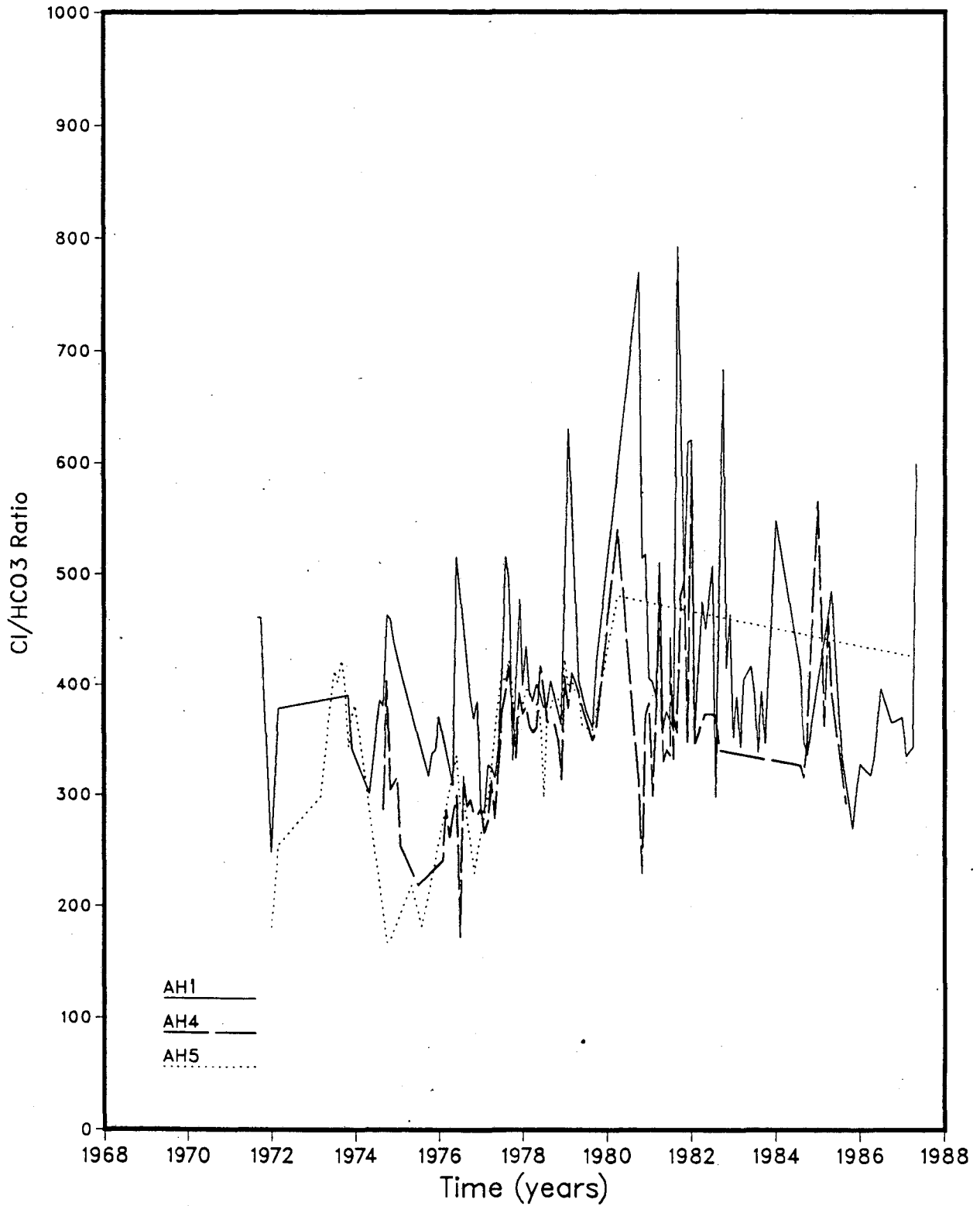
Water Chemistry (Cl/B)



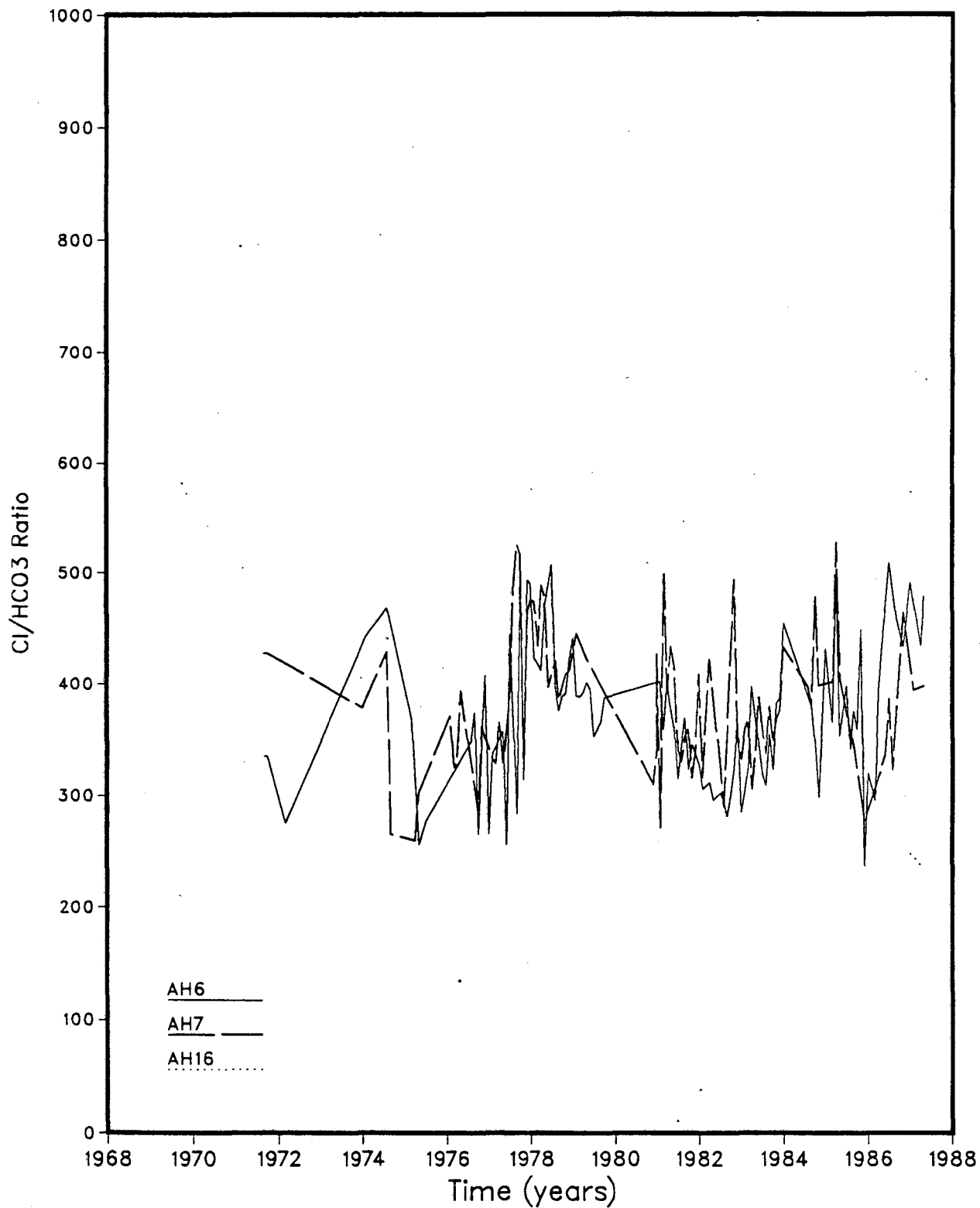
Water Chemistry (Cl/B)



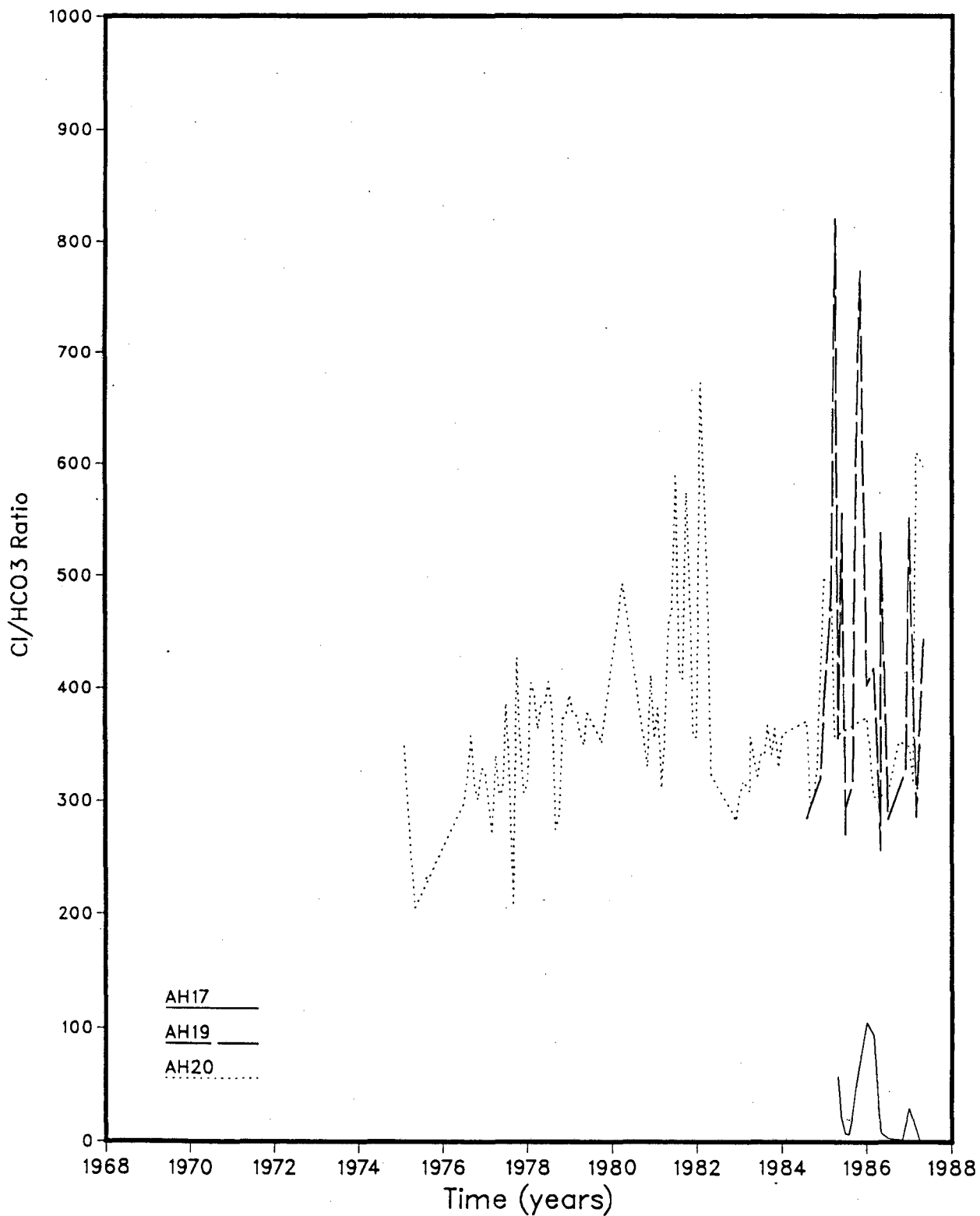
Water Chemistry (Cl/HCO₃)



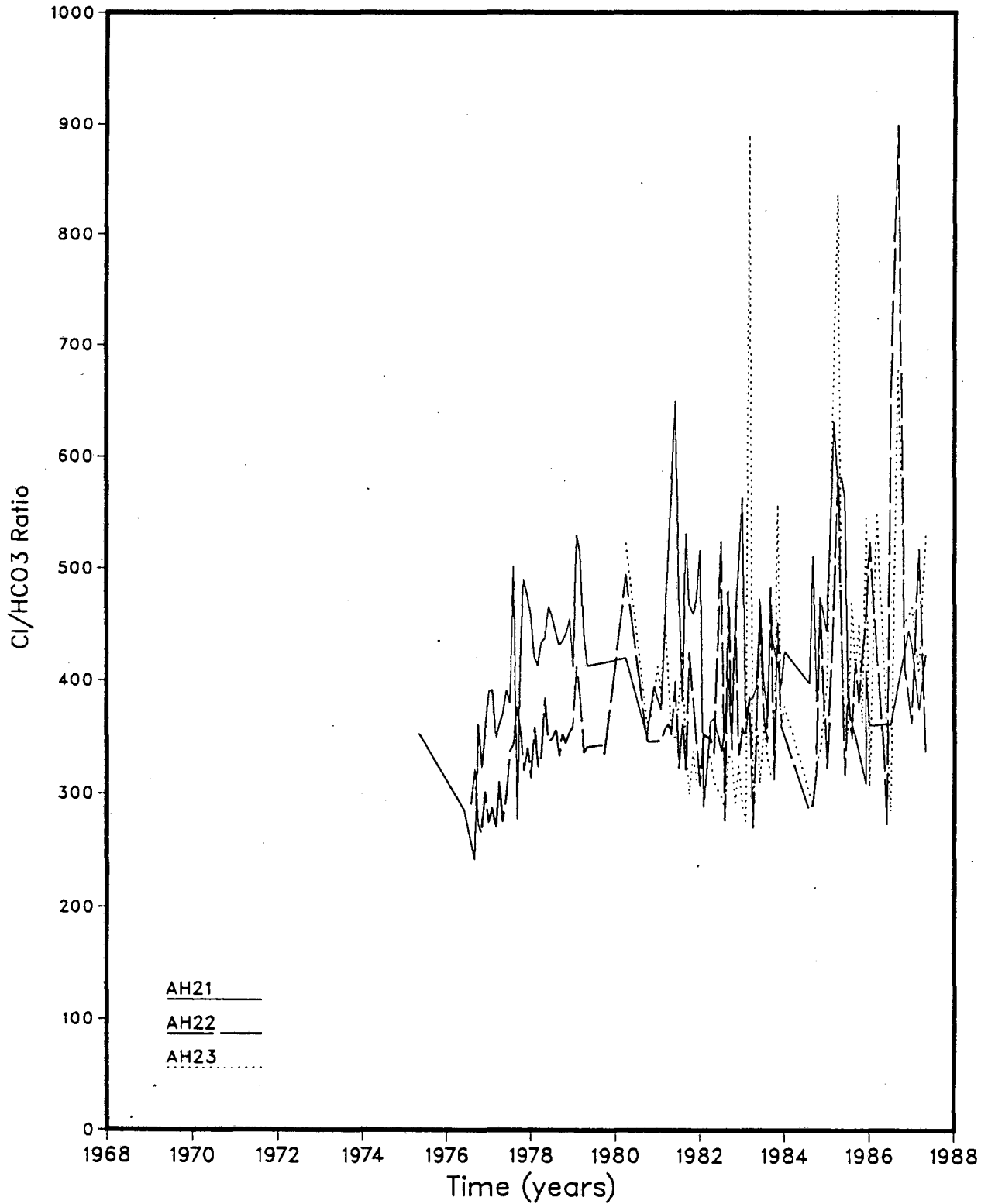
Water Chemistry (Cl/HCO₃)



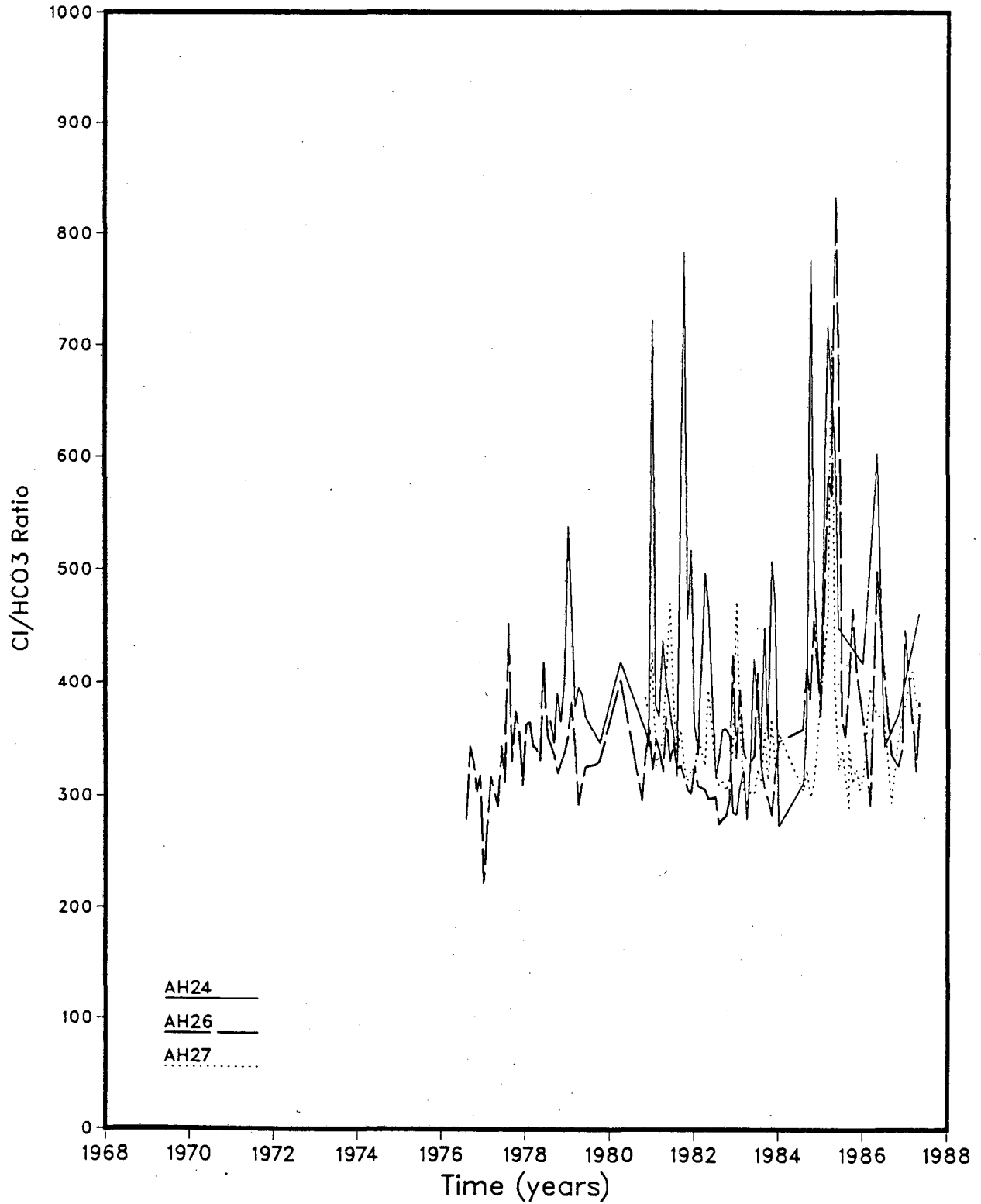
Water Chemistry (Cl/HCO₃)



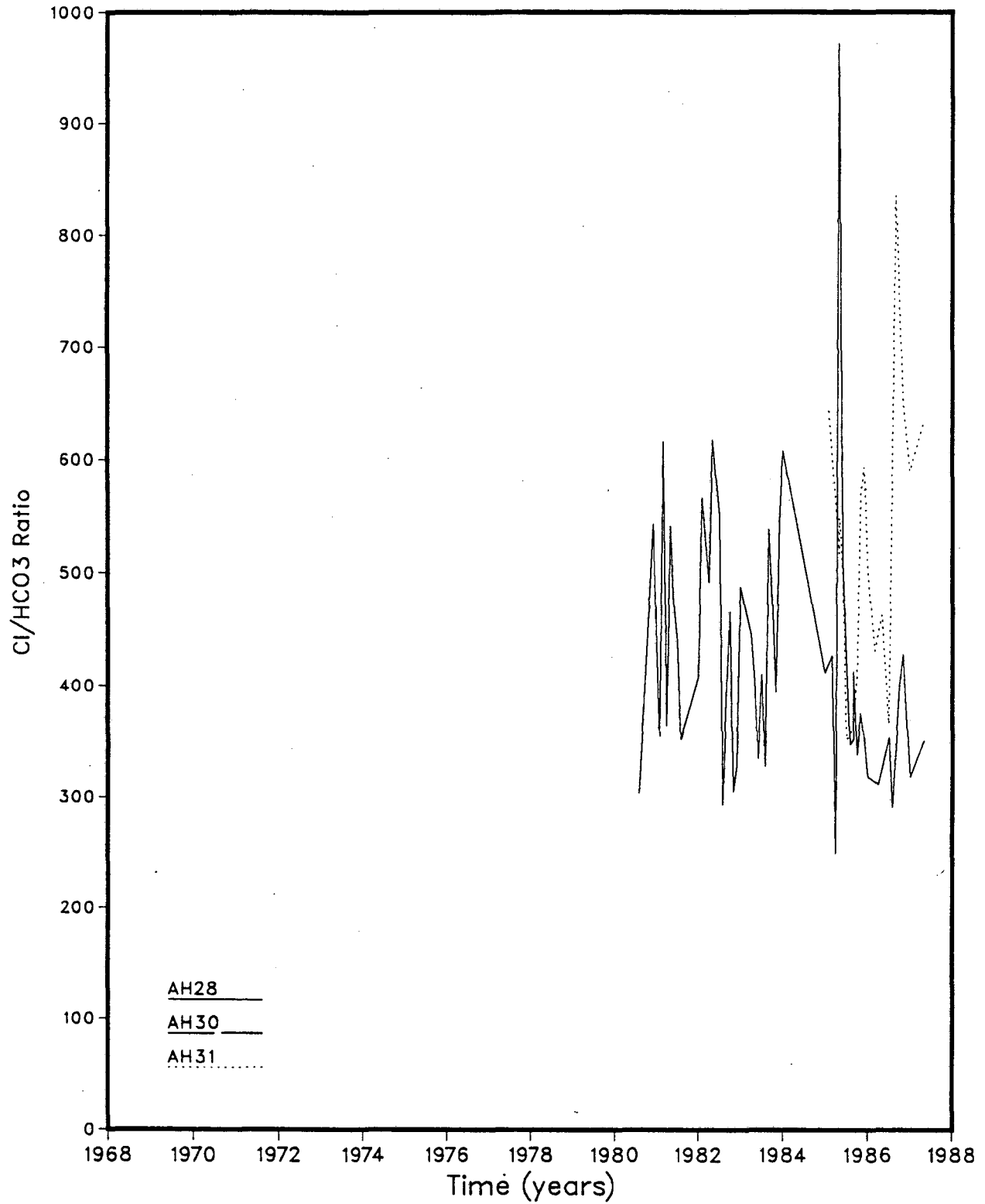
Water Chemistry (Cl/HCO₃)



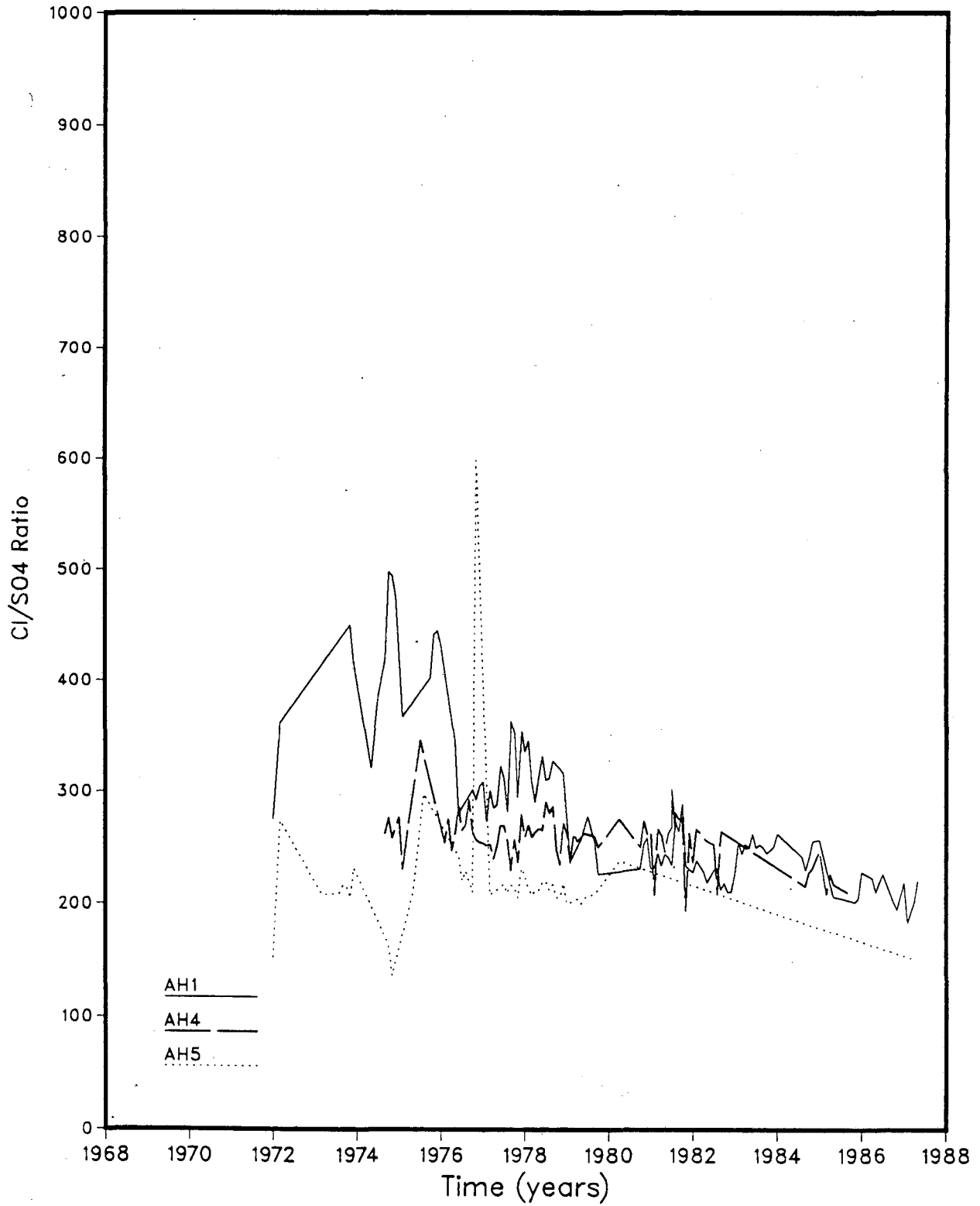
Water Chemistry (Cl/HCO₃⁻)



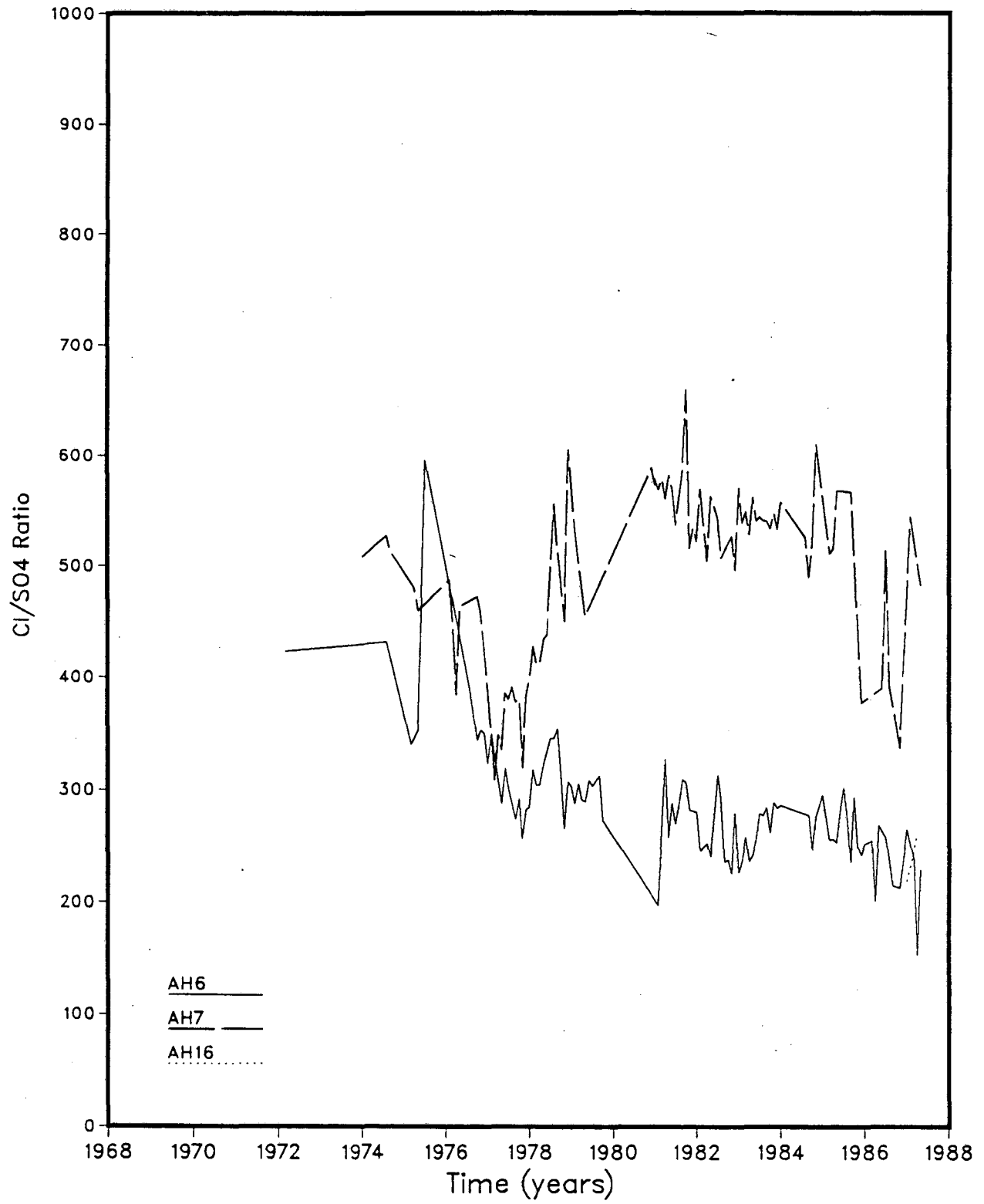
Water Chemistry (Cl/HCO3)



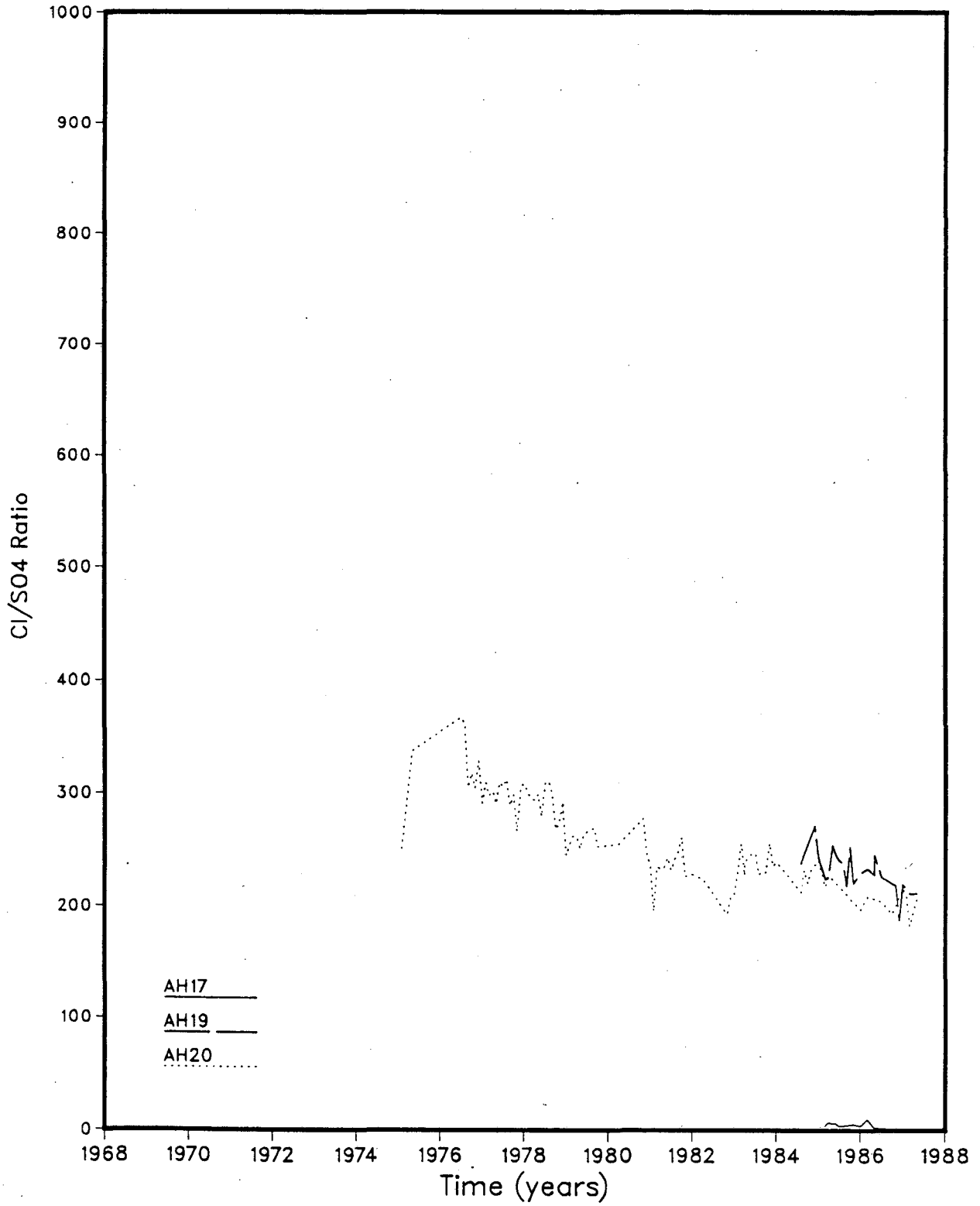
Water Chemistry (Cl/SO4)



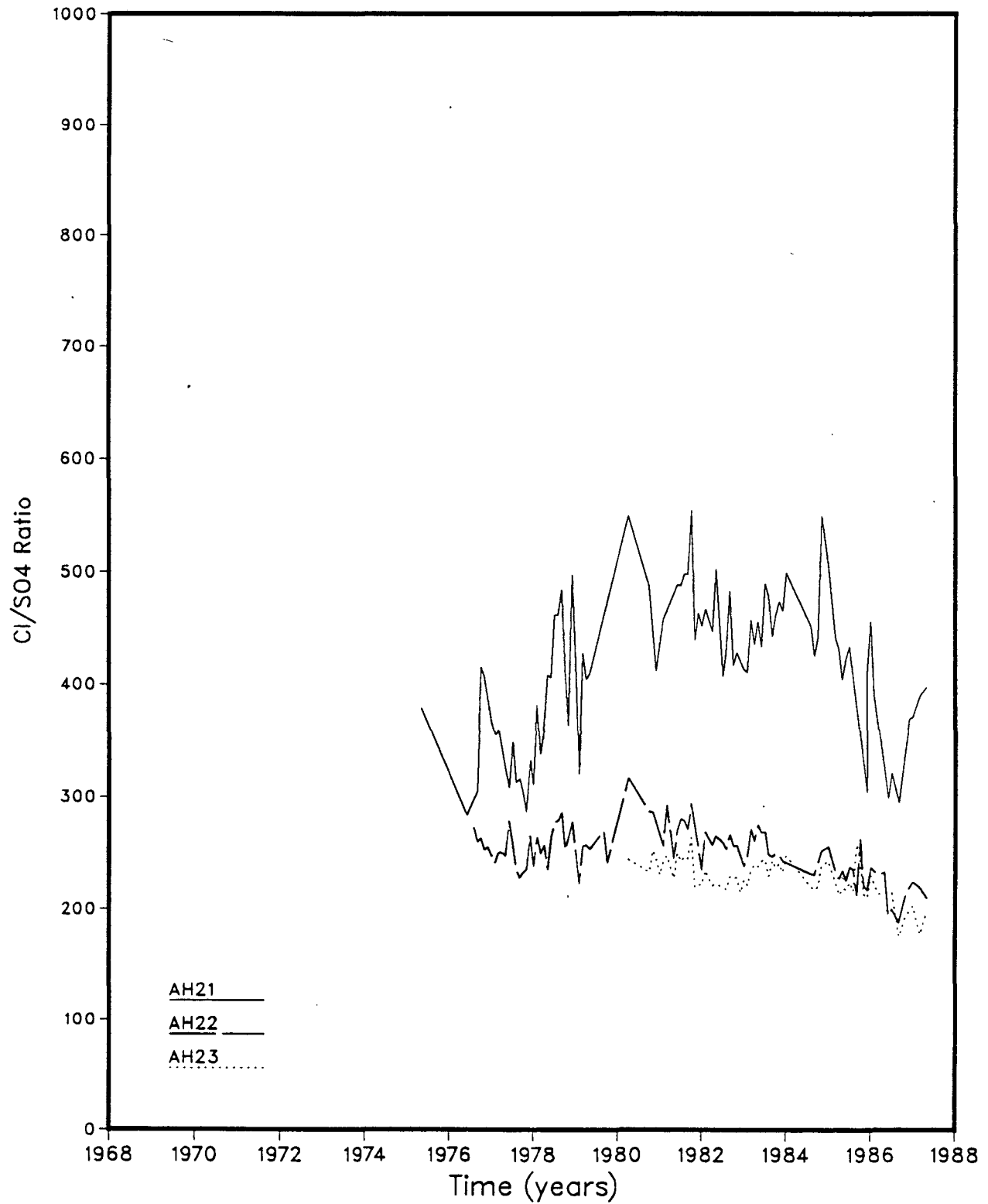
Water Chemistry (Cl/SO4)



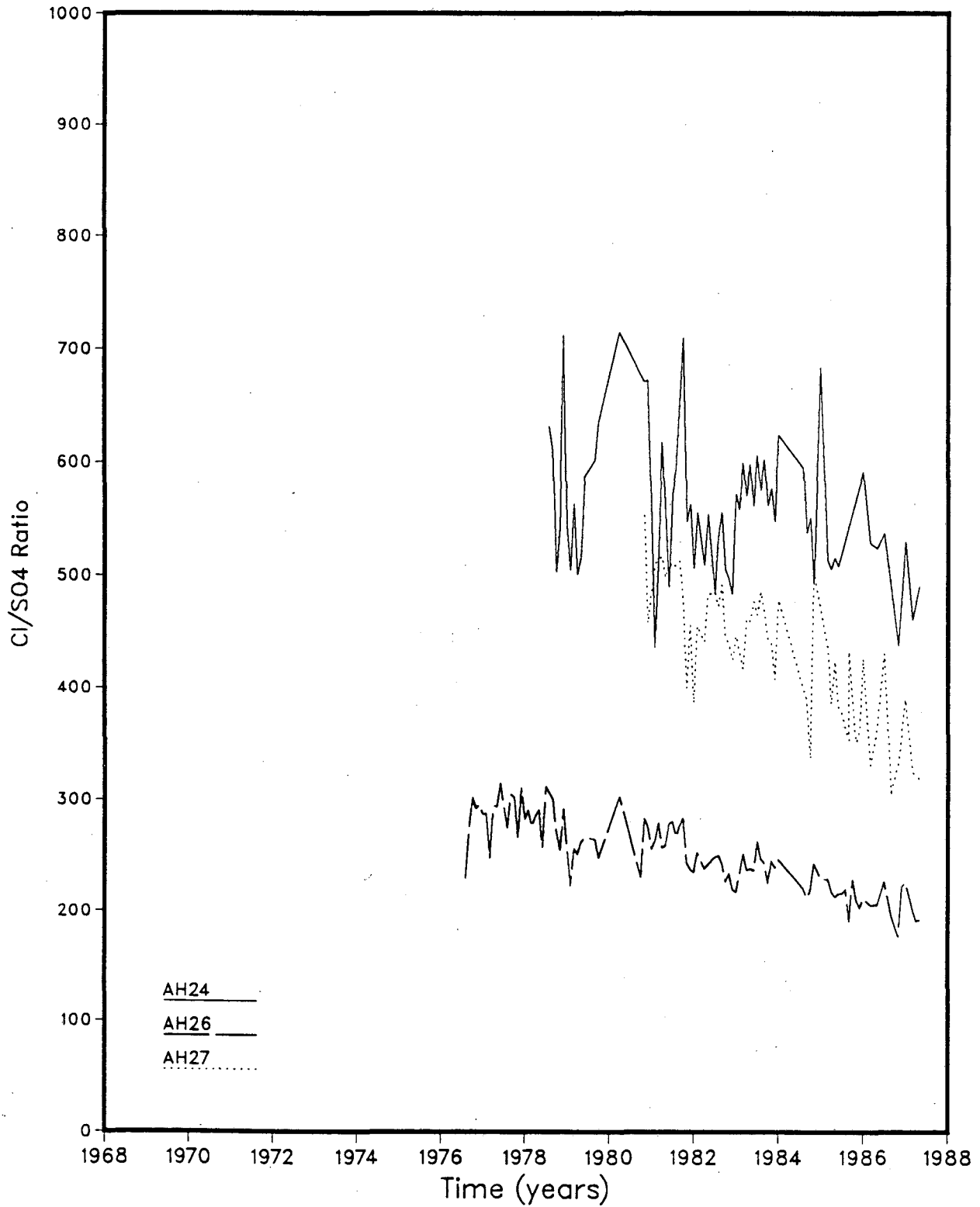
Water Chemistry (Cl/SO4)



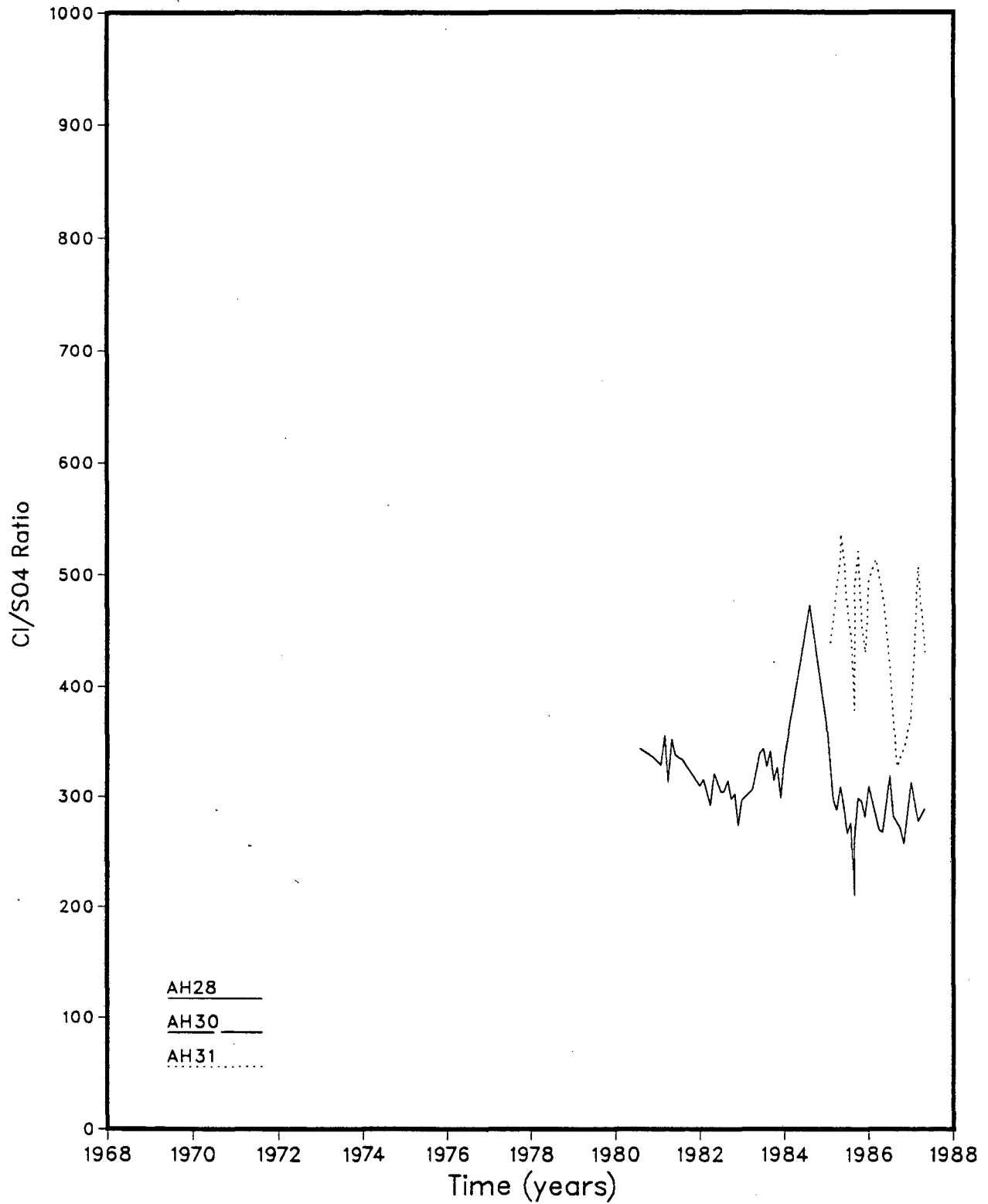
Water Chemistry (Cl/SO4)



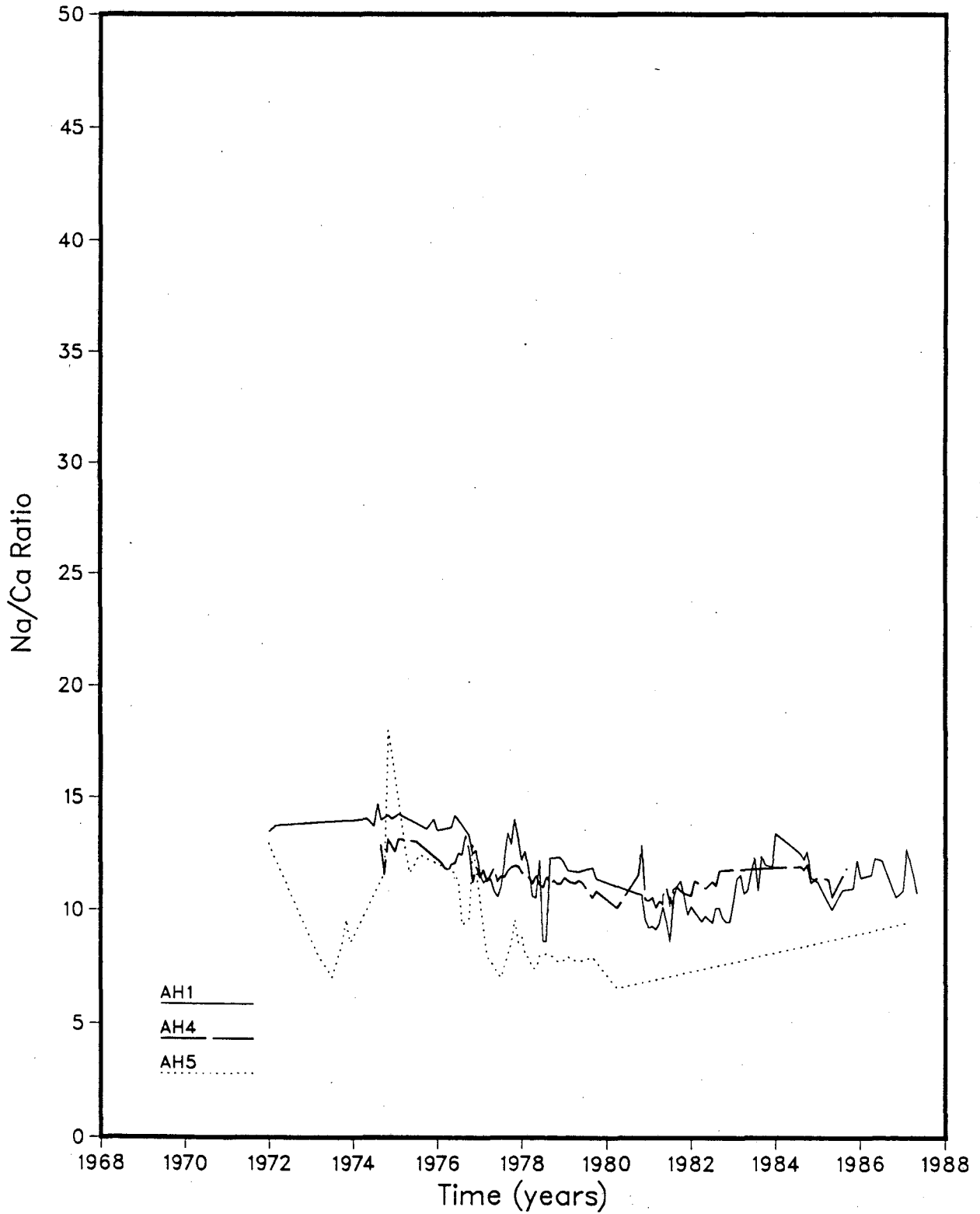
Water Chemistry (Cl/SO4)



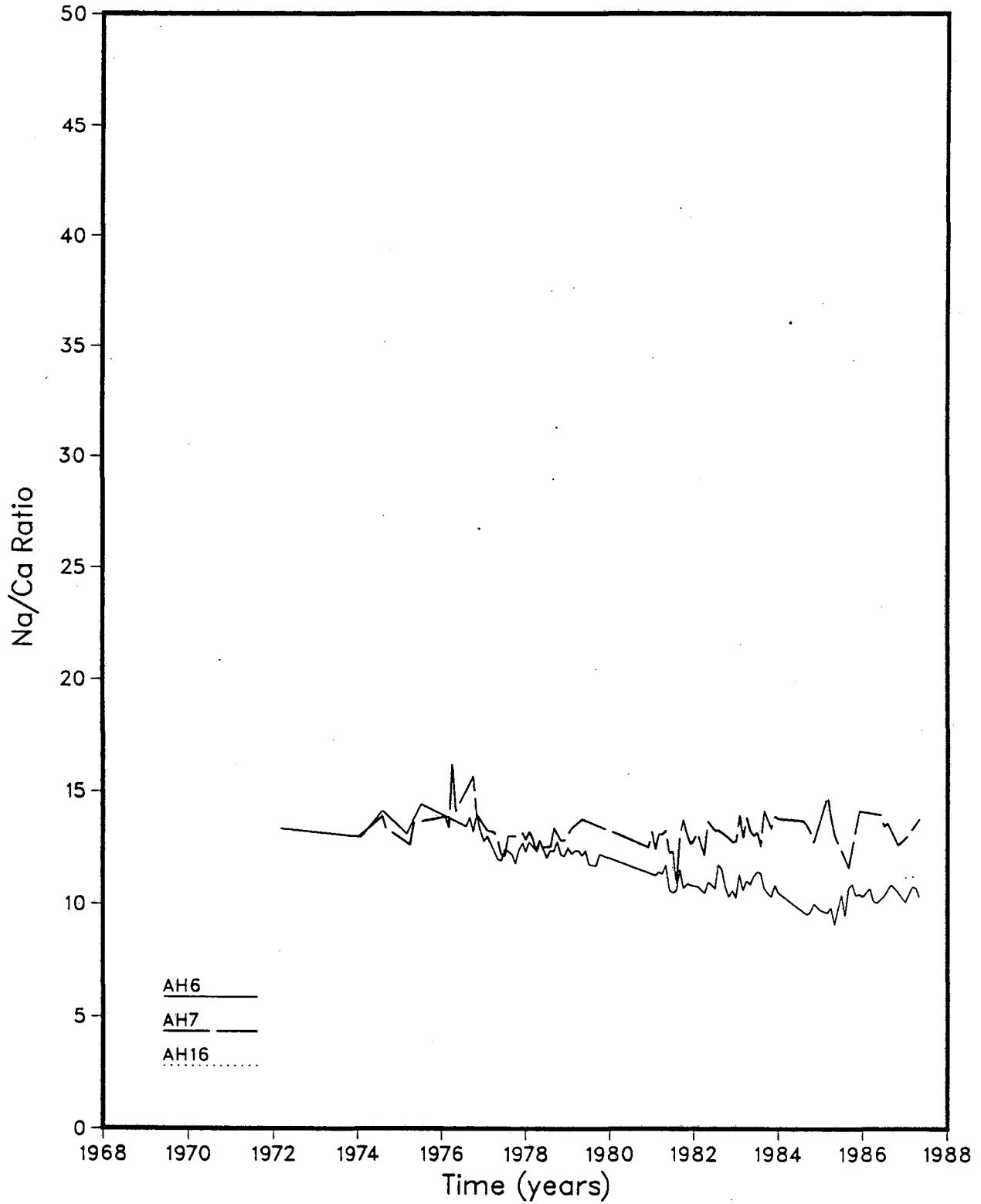
Water Chemistry (Cl/SO4)



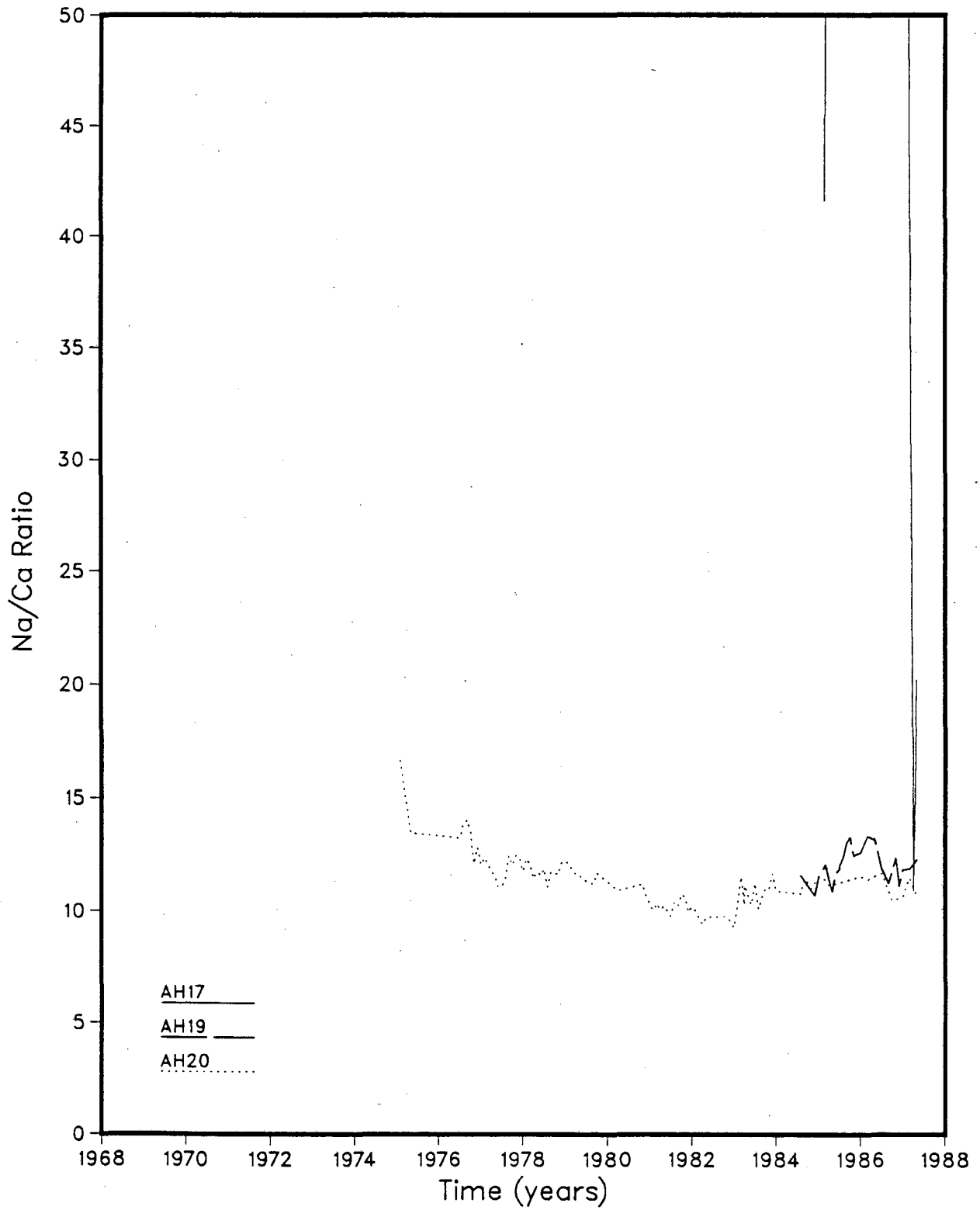
Water Chemistry (Na/Ca)



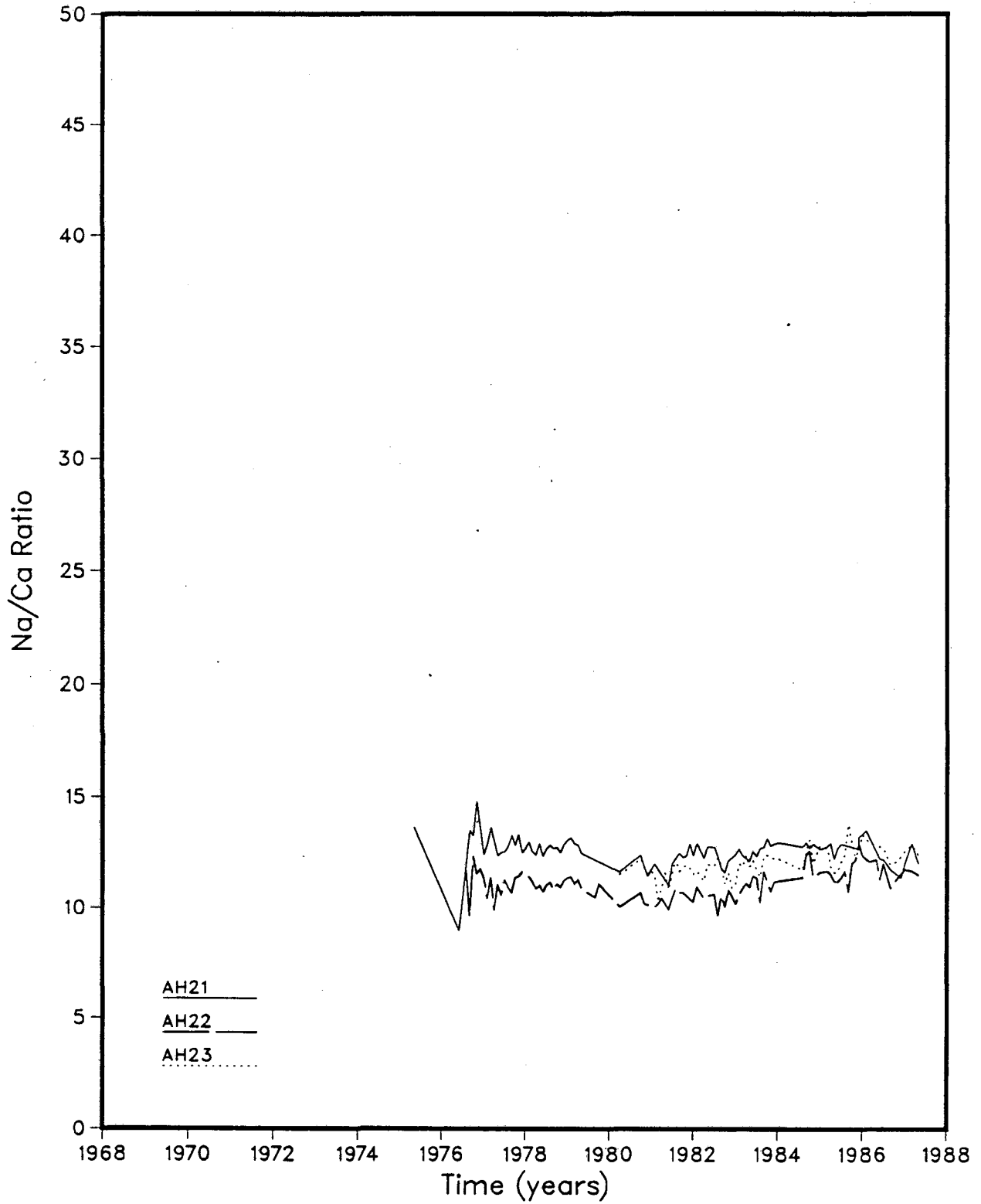
Water Chemistry (Na/Ca)



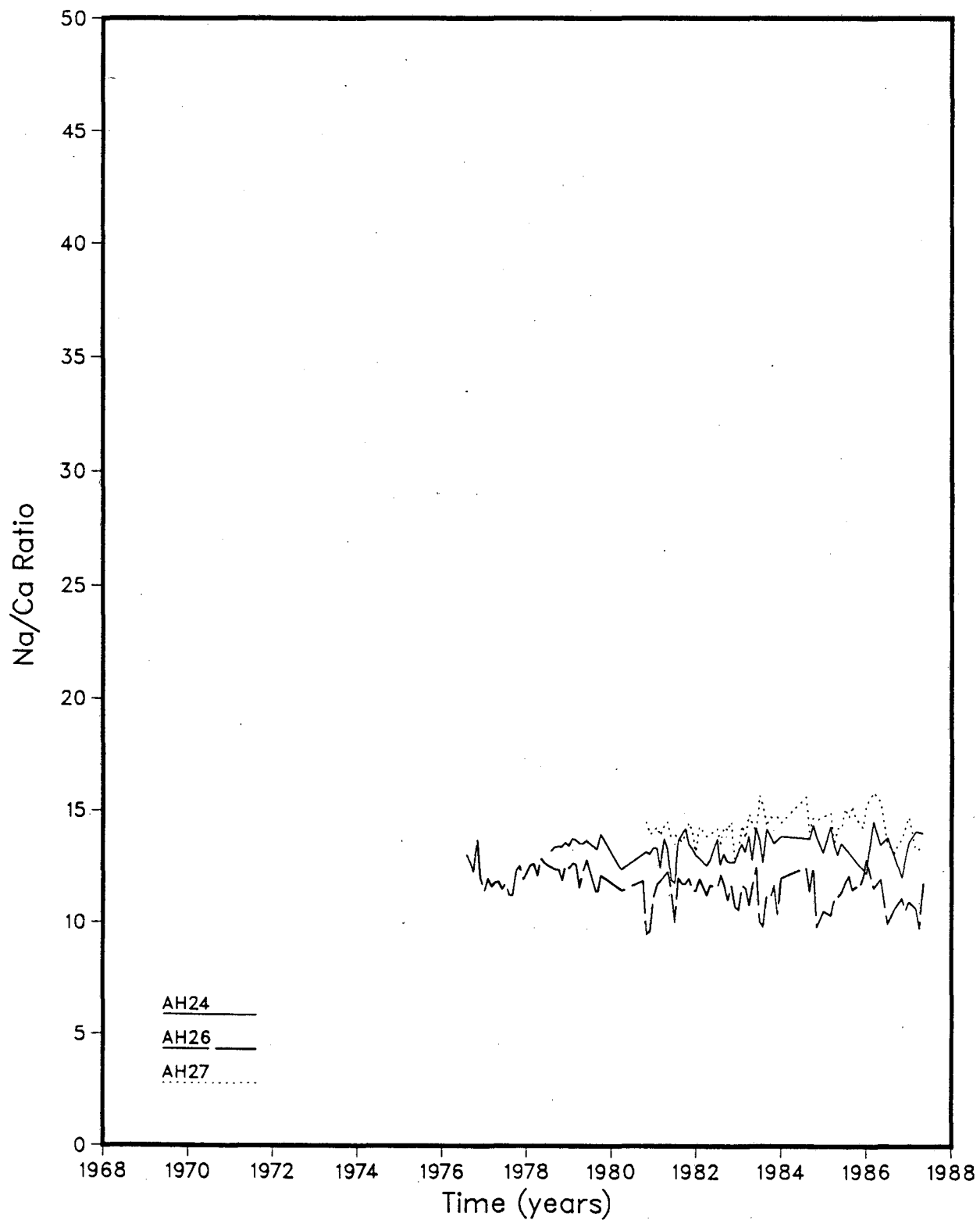
Water Chemistry (Na/Ca)



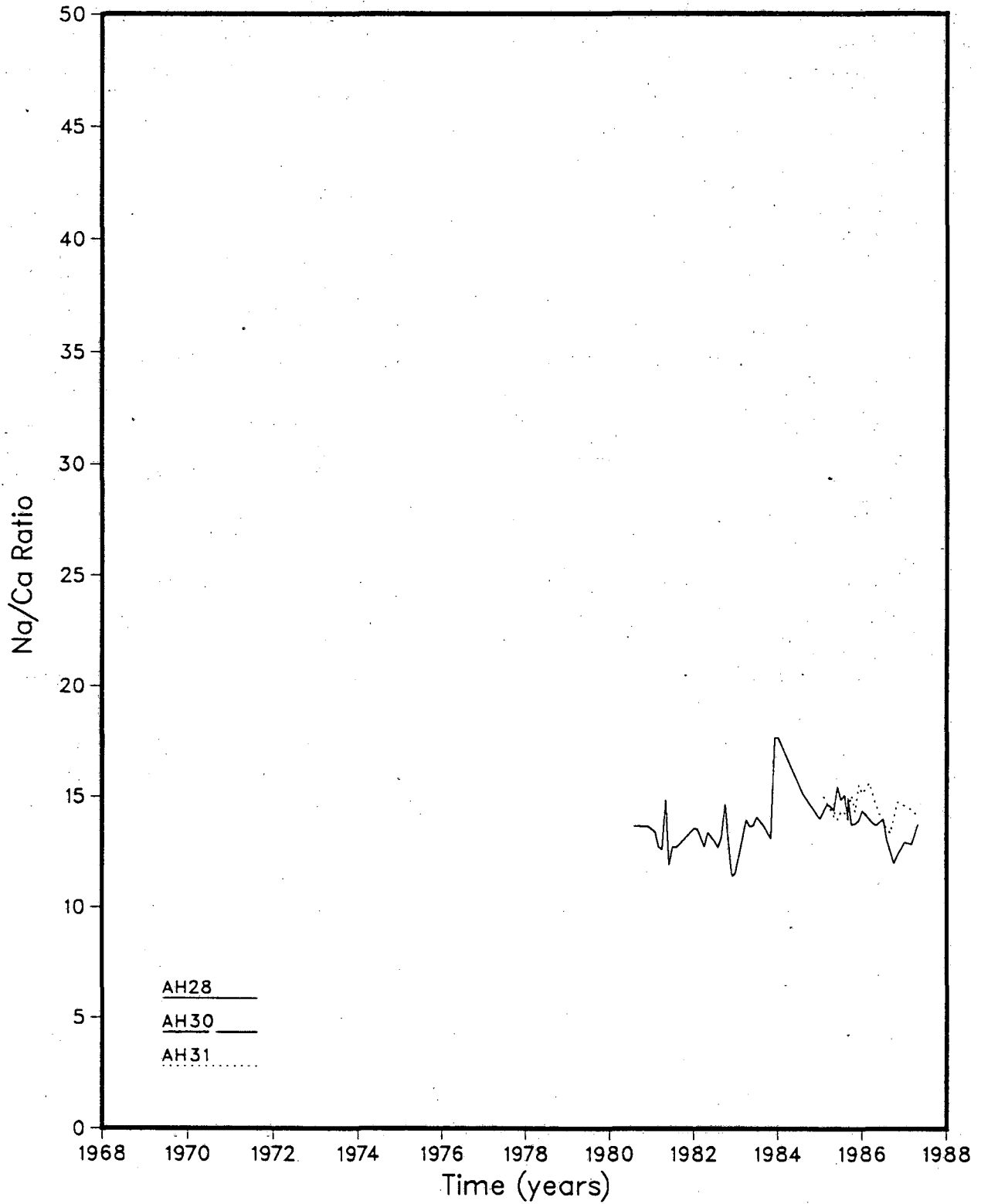
Water Chemistry (Na/Ca)



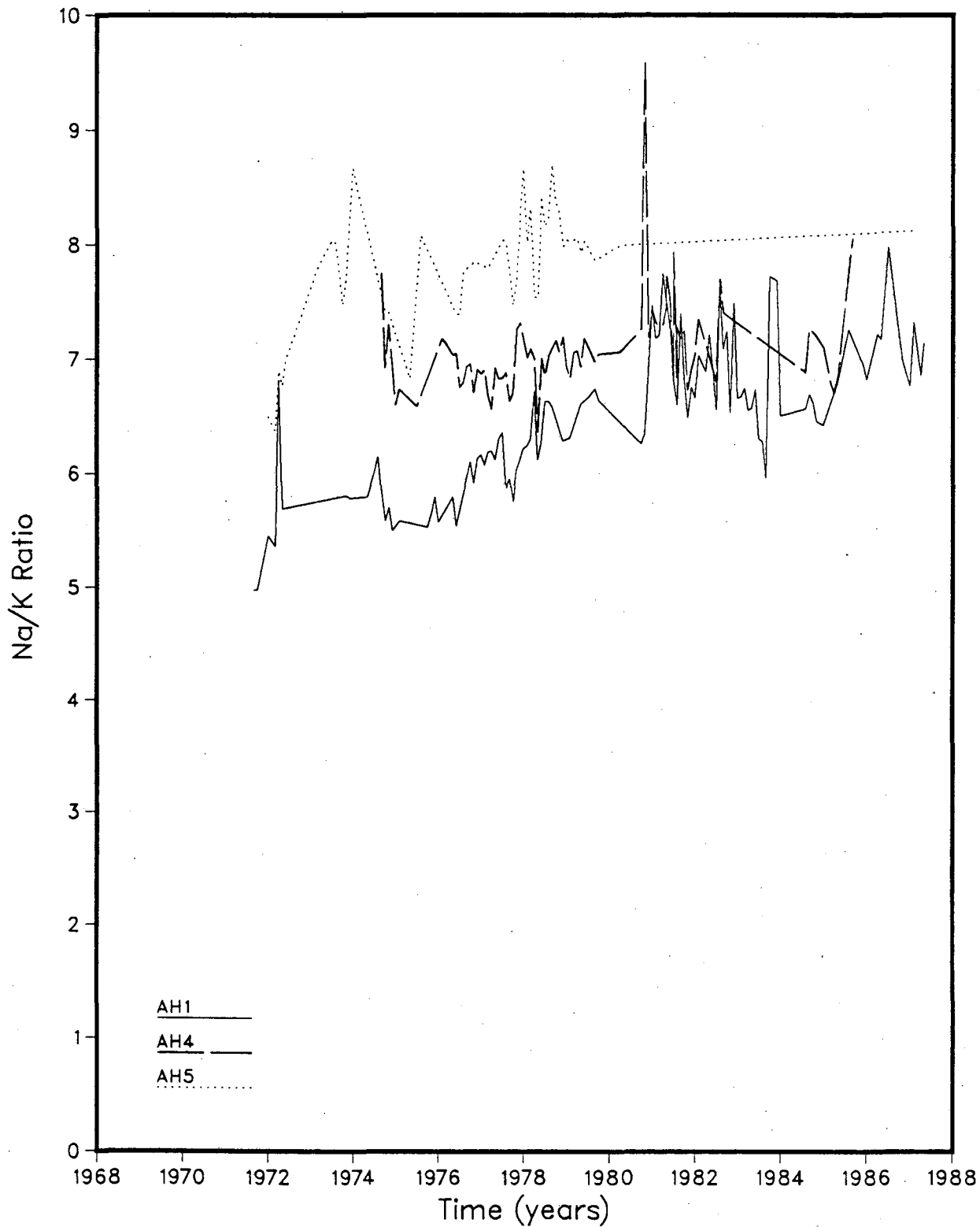
Water Chemistry (Na/Ca)



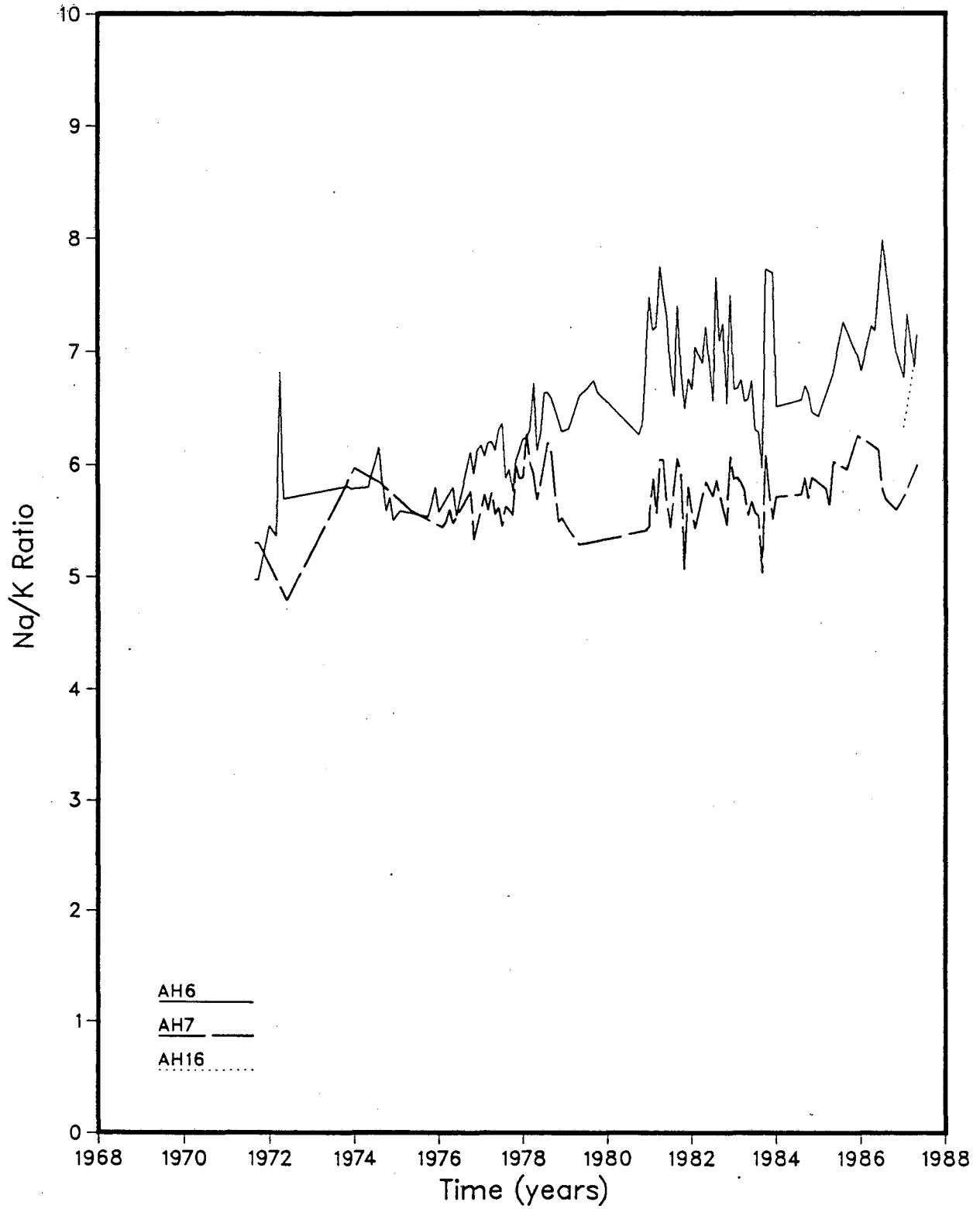
Water Chemistry (Na/Ca)



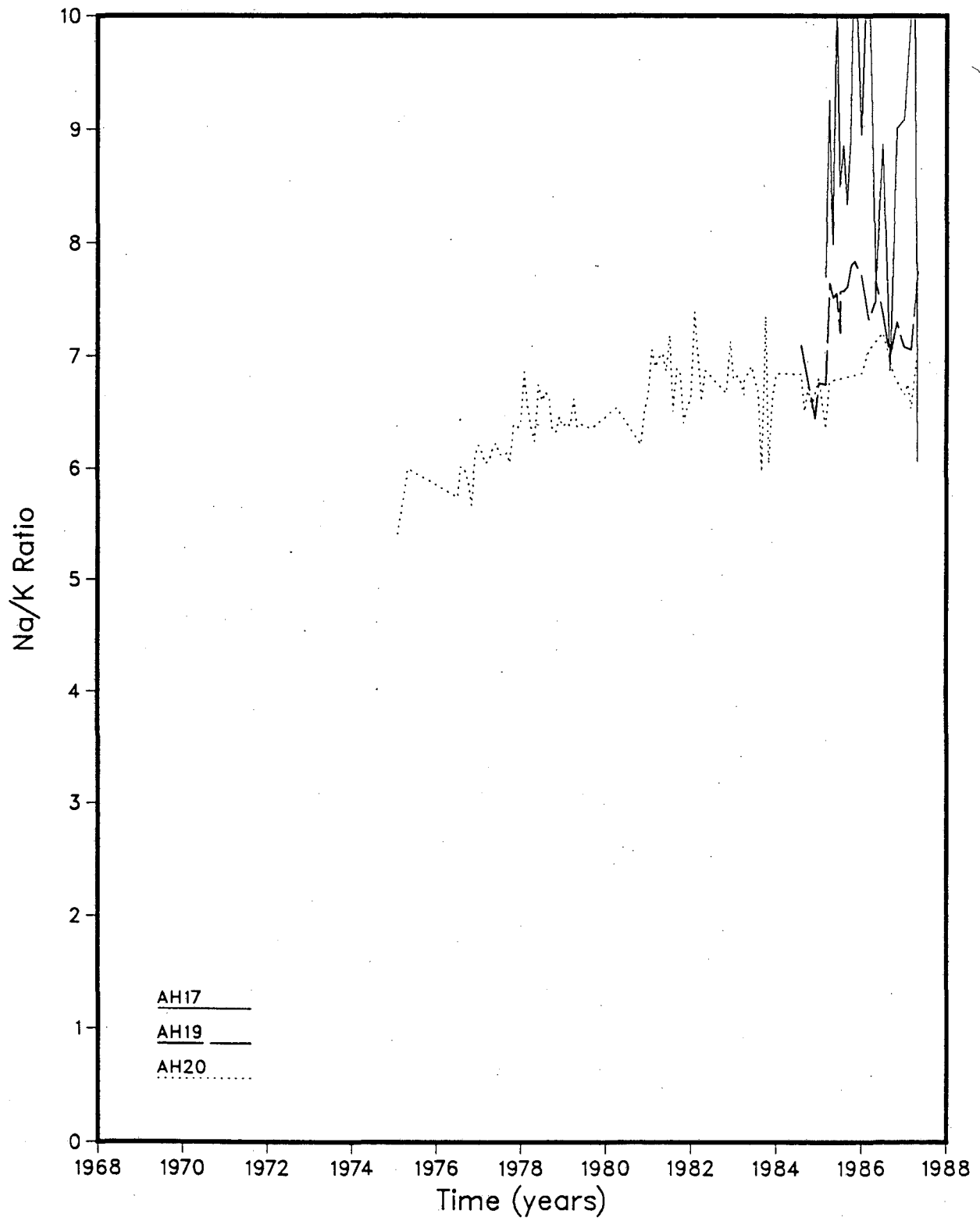
Water Chemistry (Na/K)



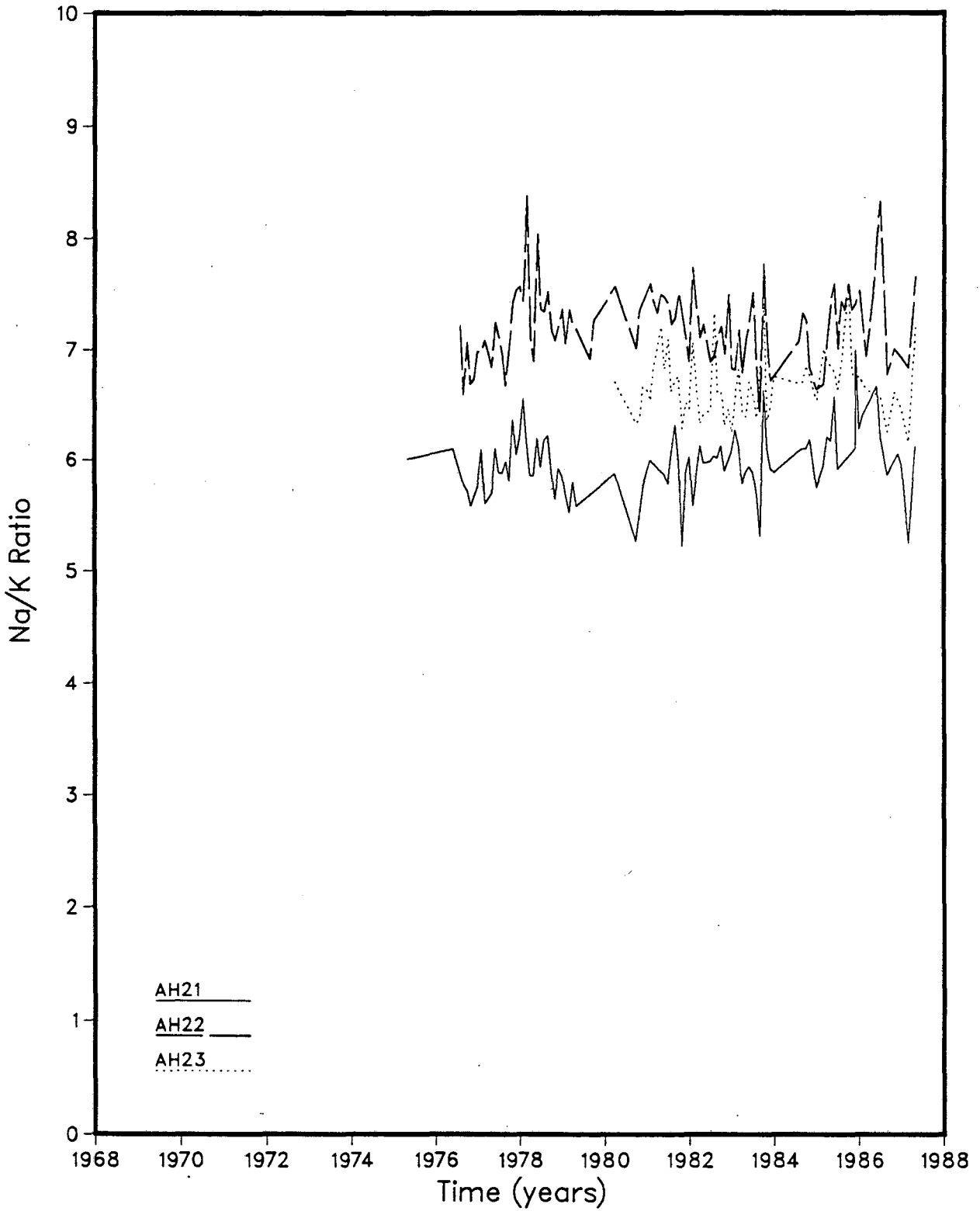
Water Chemistry (Na/K)



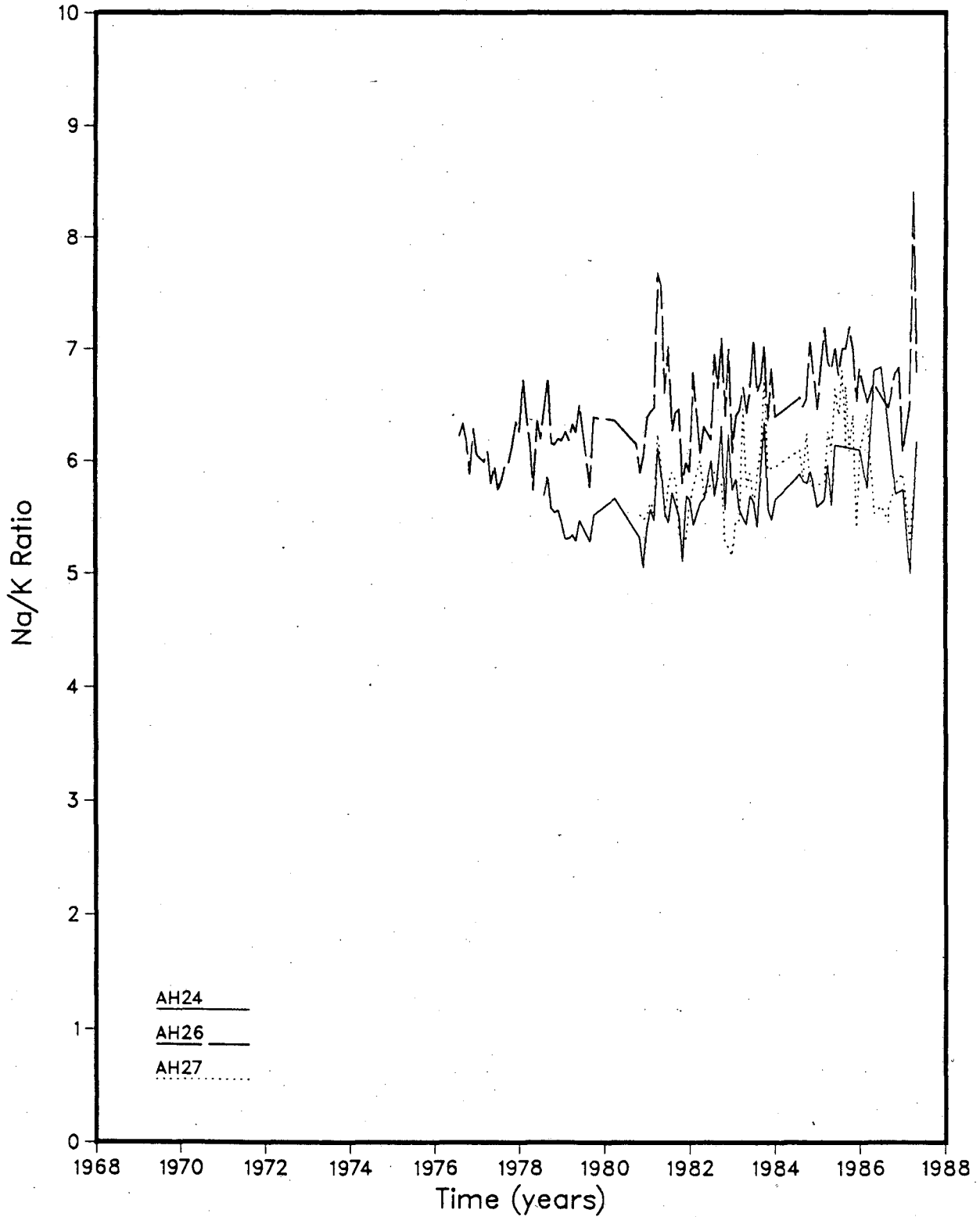
Water Chemistry (Na/K)



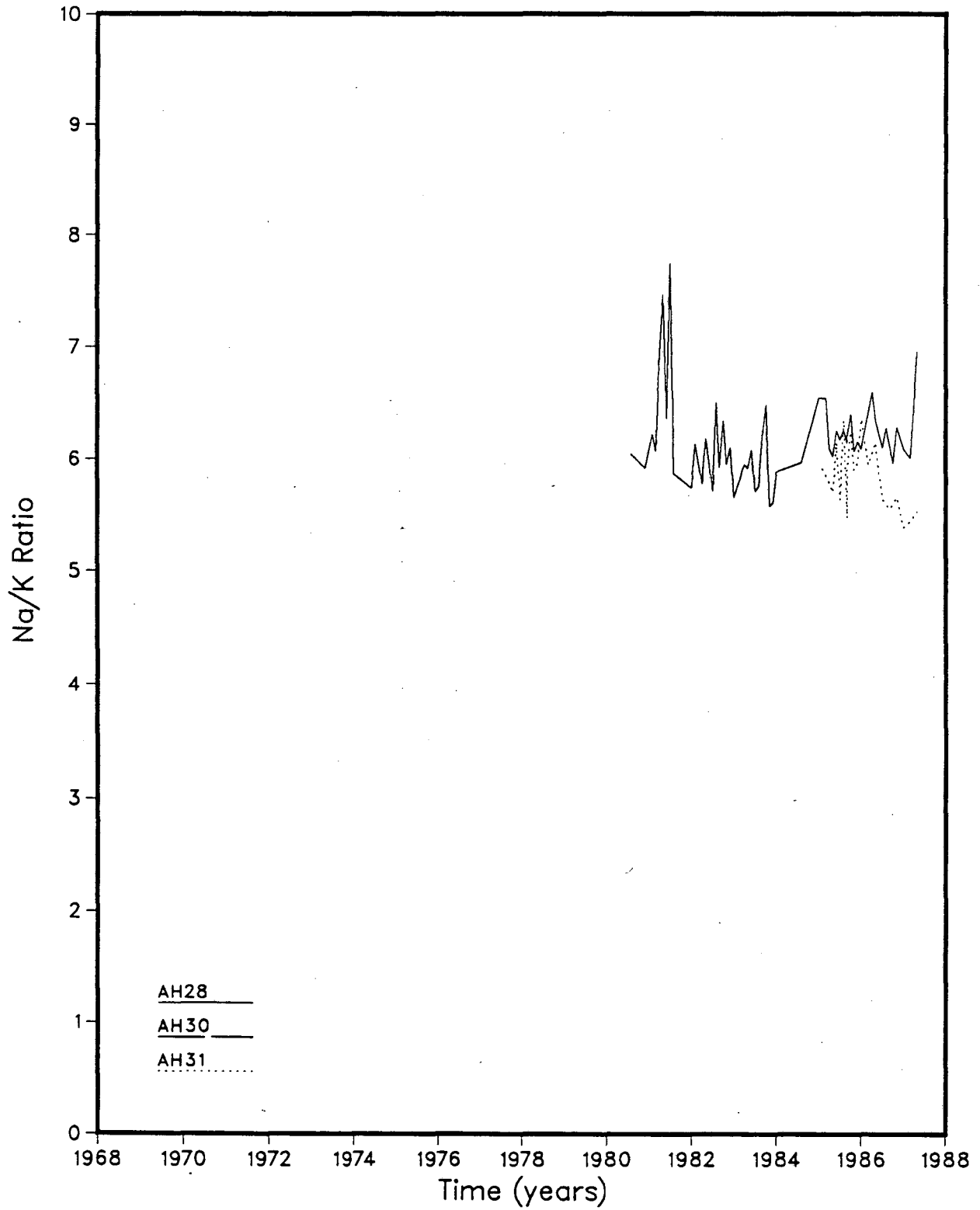
Water Chemistry (Na/K)



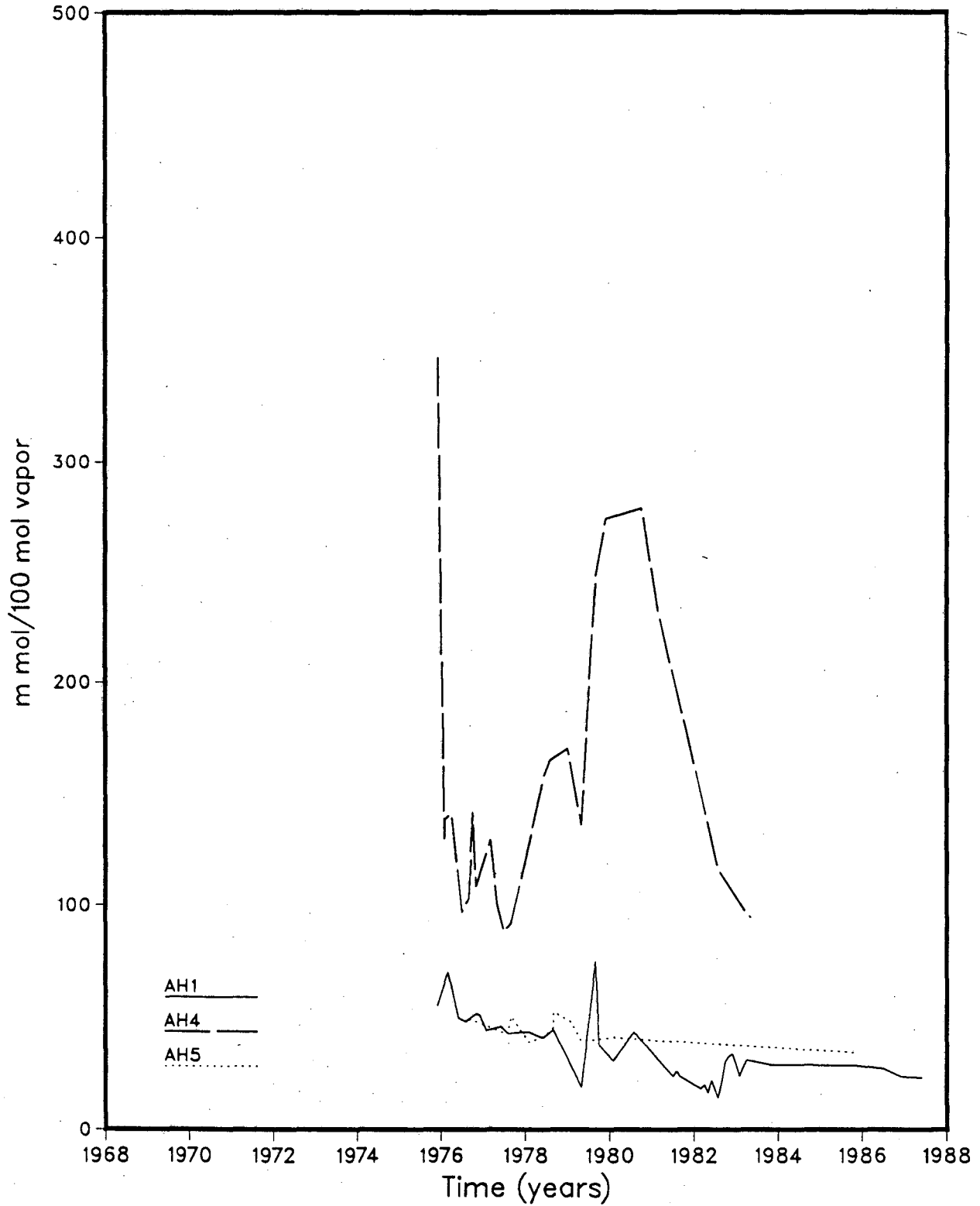
Water Chemistry (Na/K)



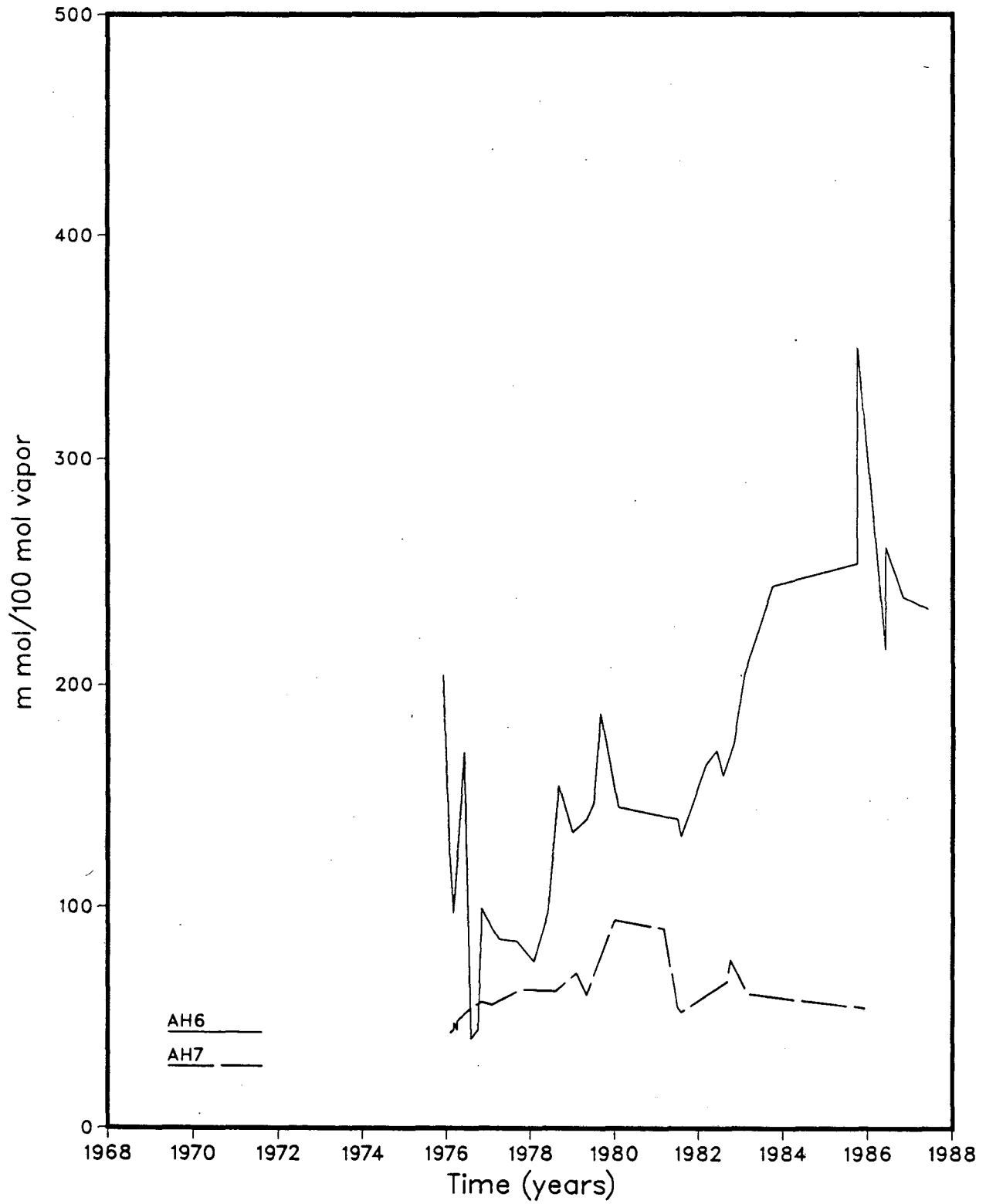
Water Chemistry (Na/K)



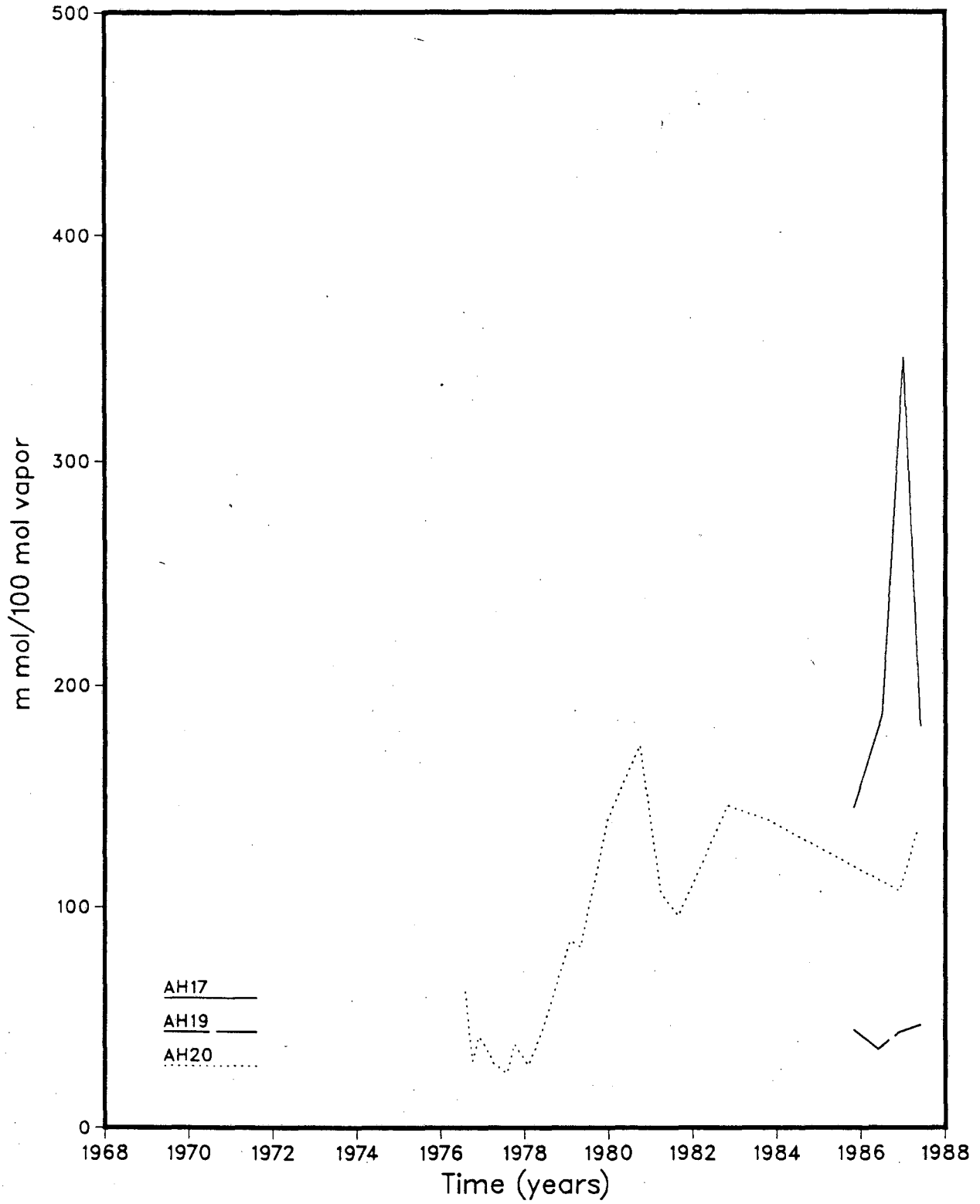
Gas Chemistry (CO₂)



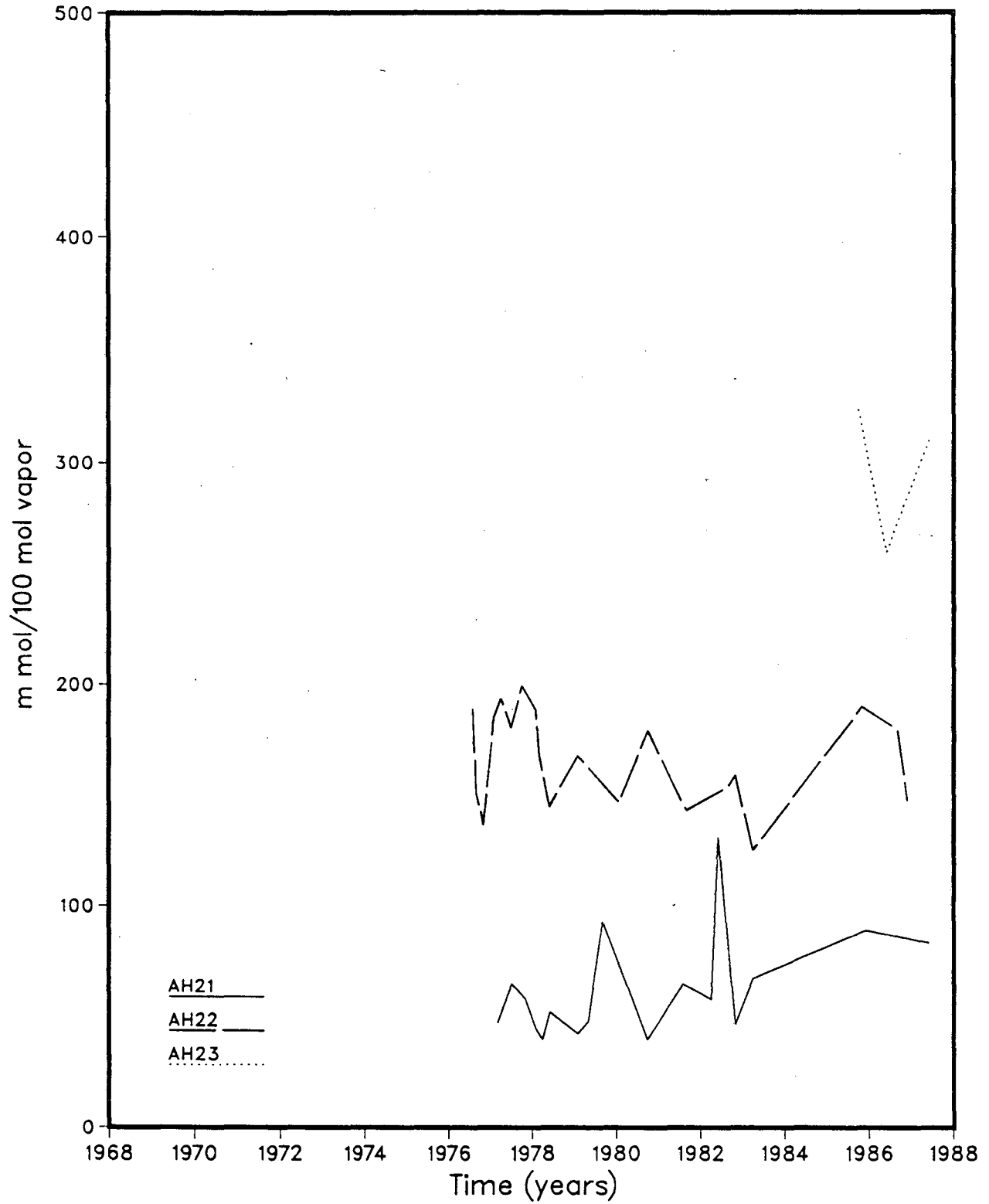
Gas Chemistry (CO₂)



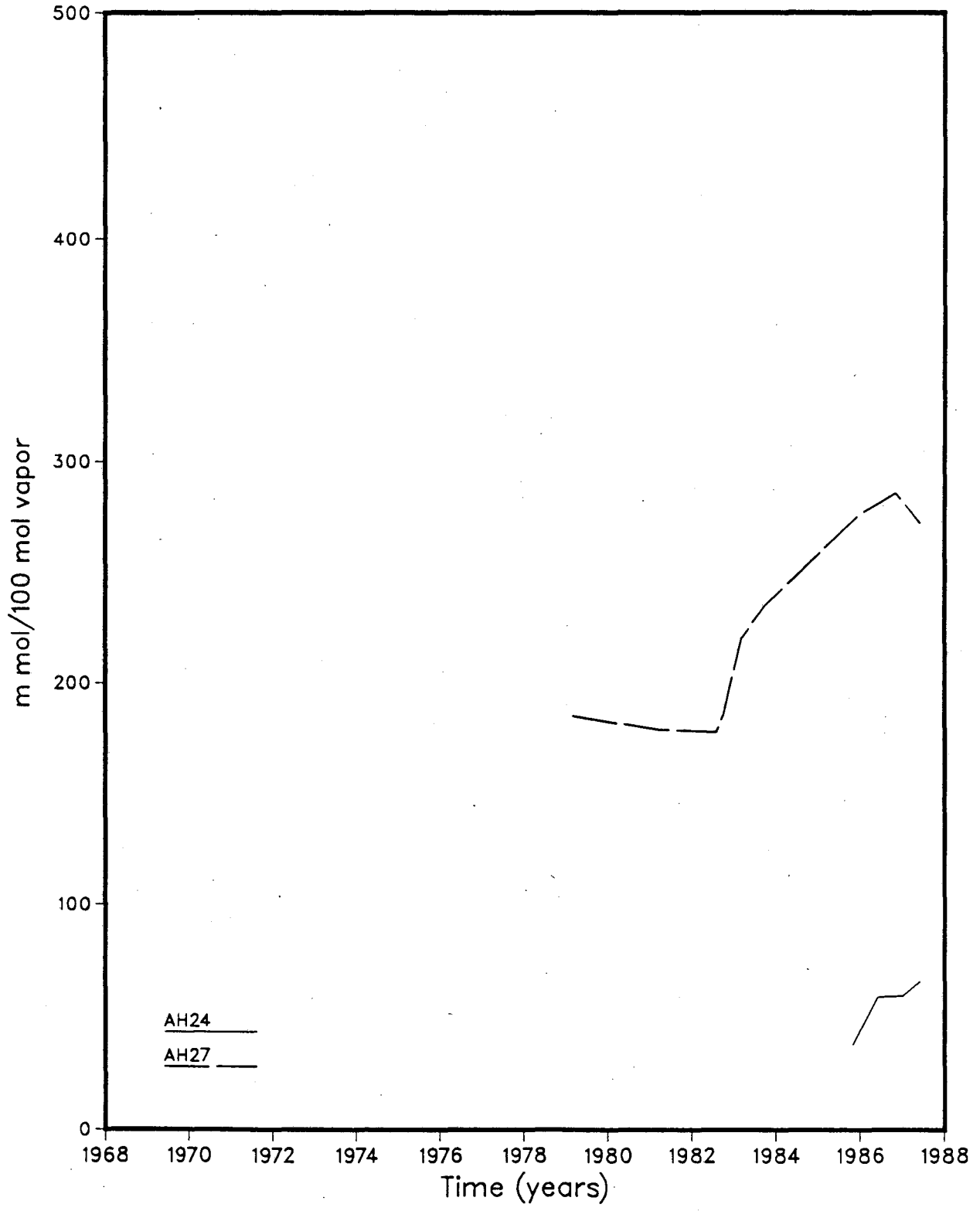
Gas Chemistry (CO₂)



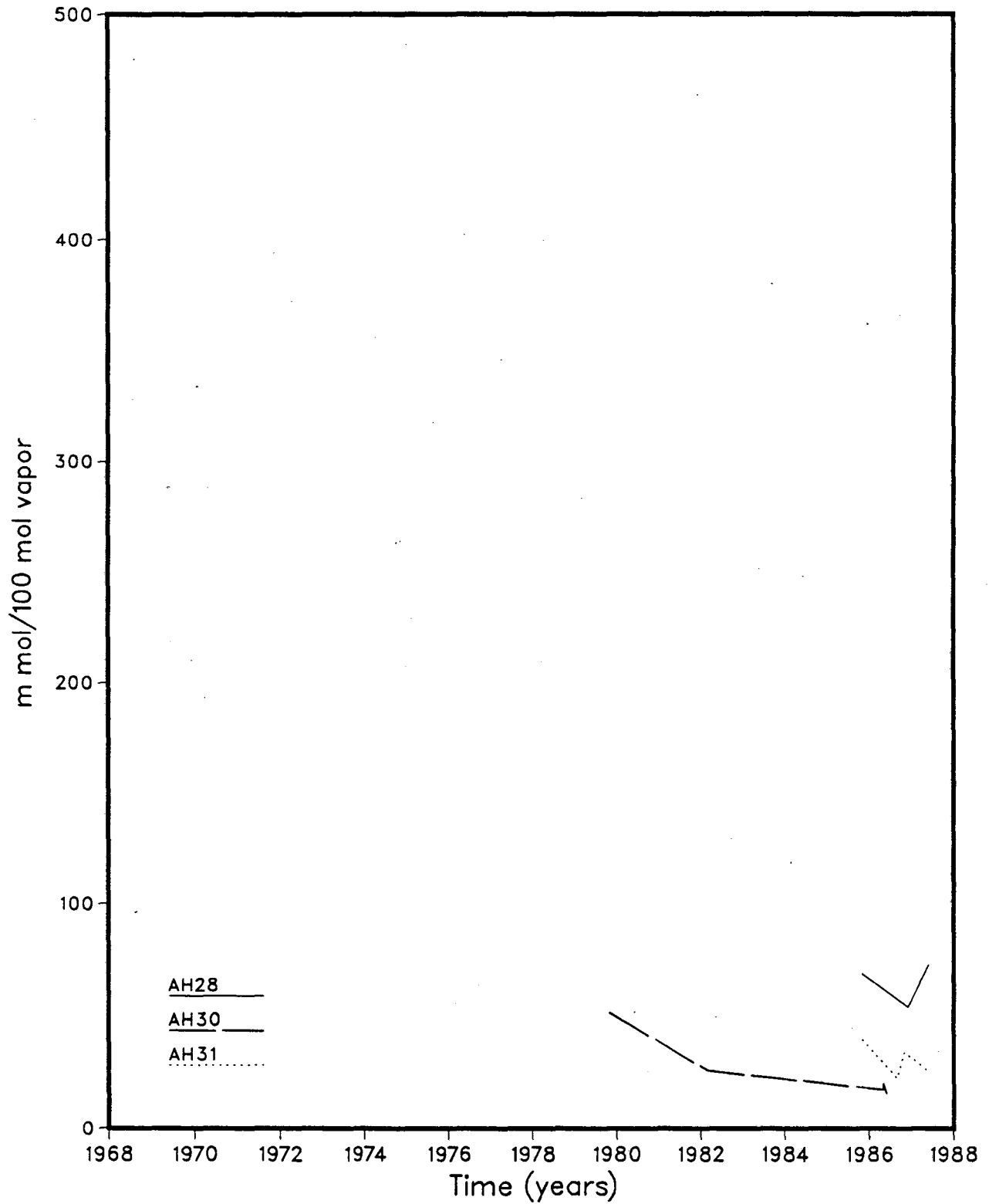
Gas Chemistry (CO₂)



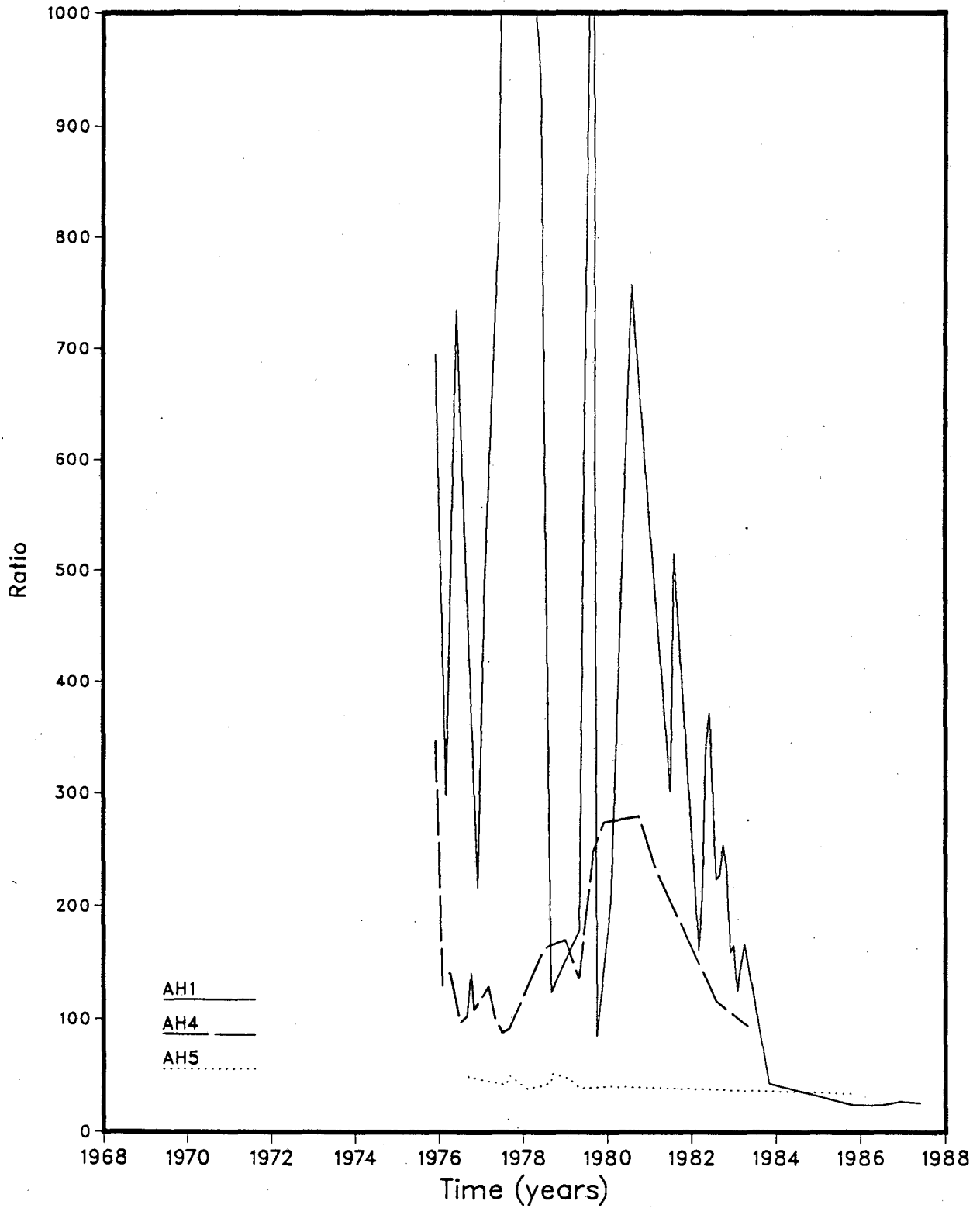
Gas Chemistry (CO₂)



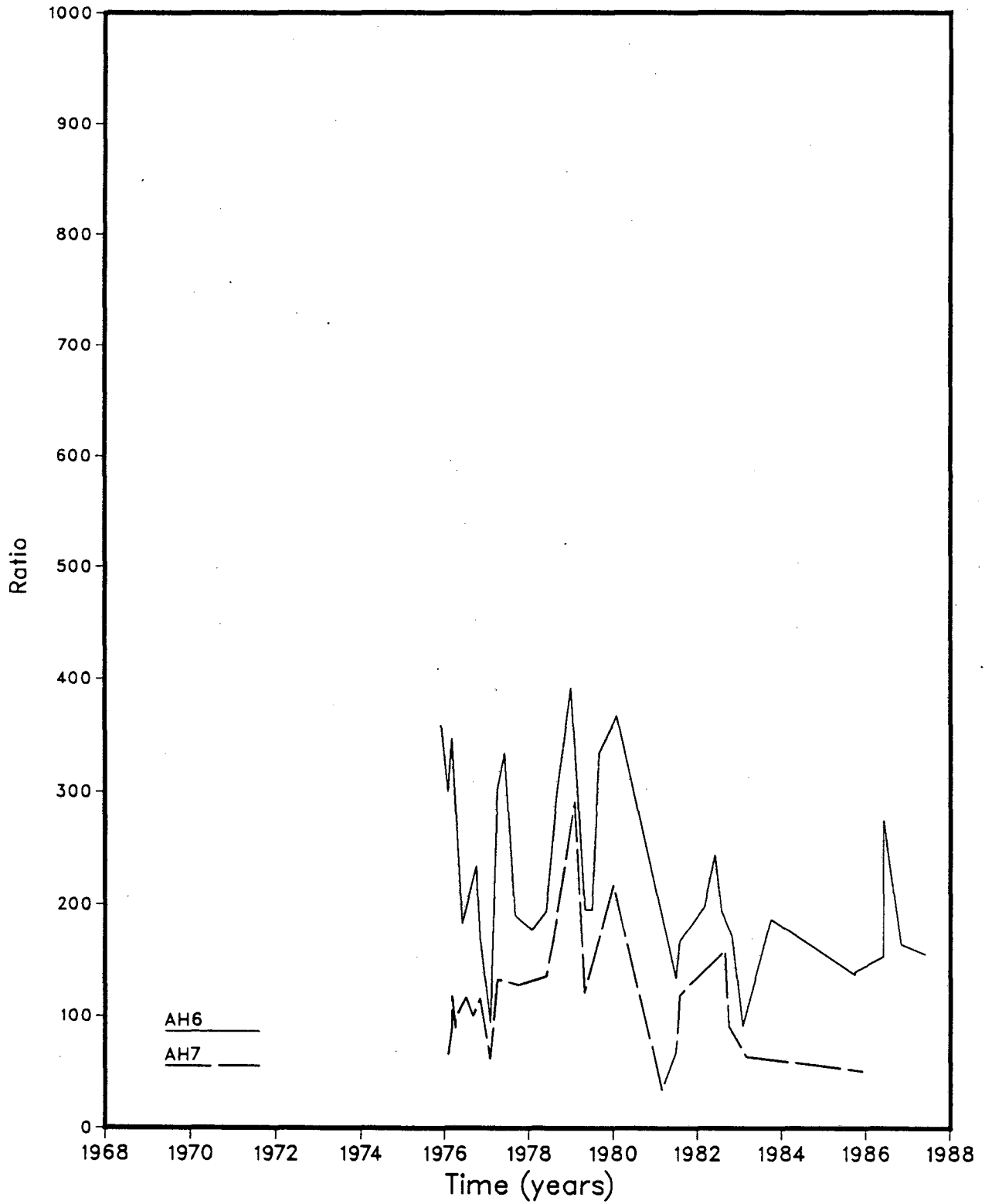
Gas Chemistry (CO₂)



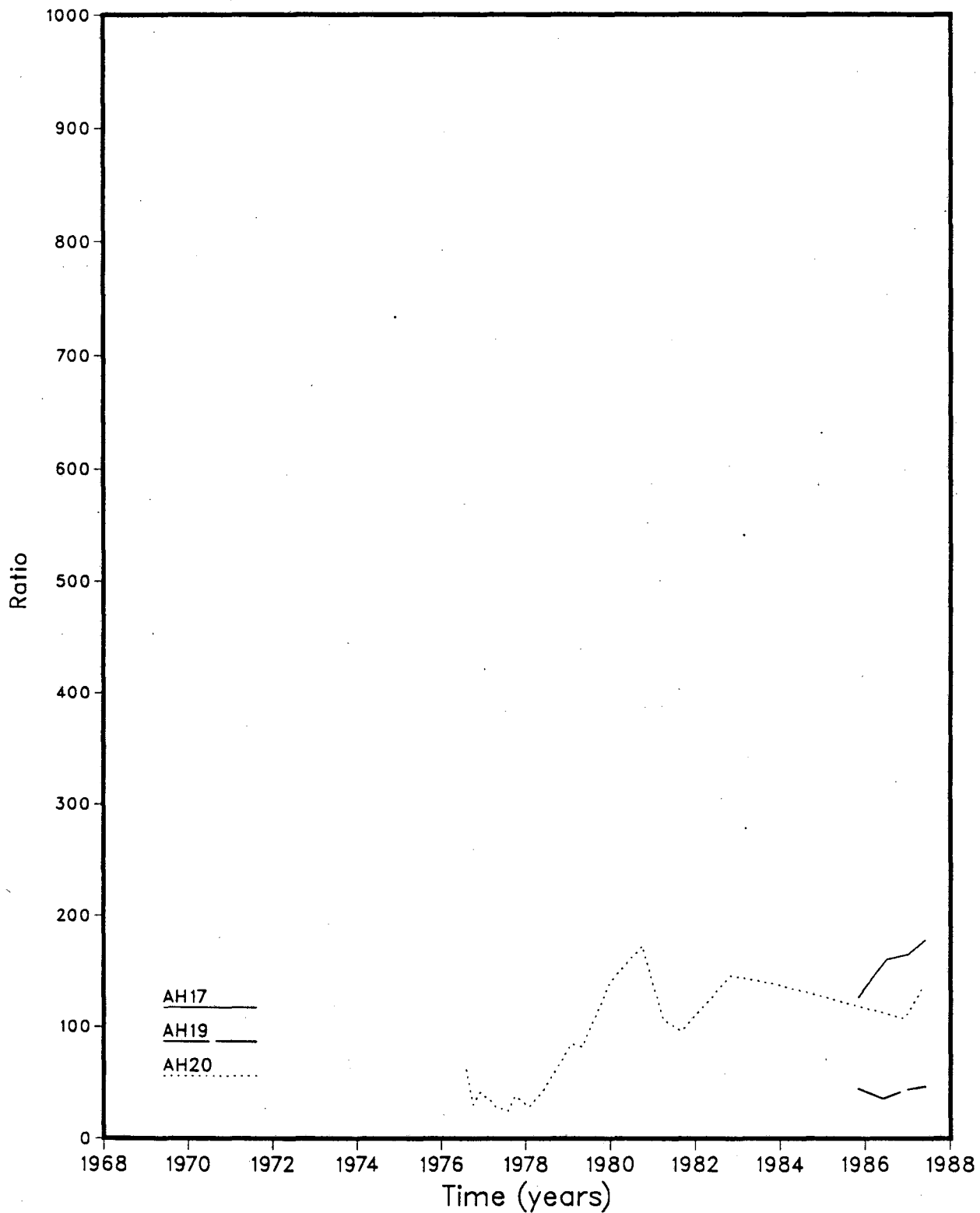
CO₂/H₂ Ratio



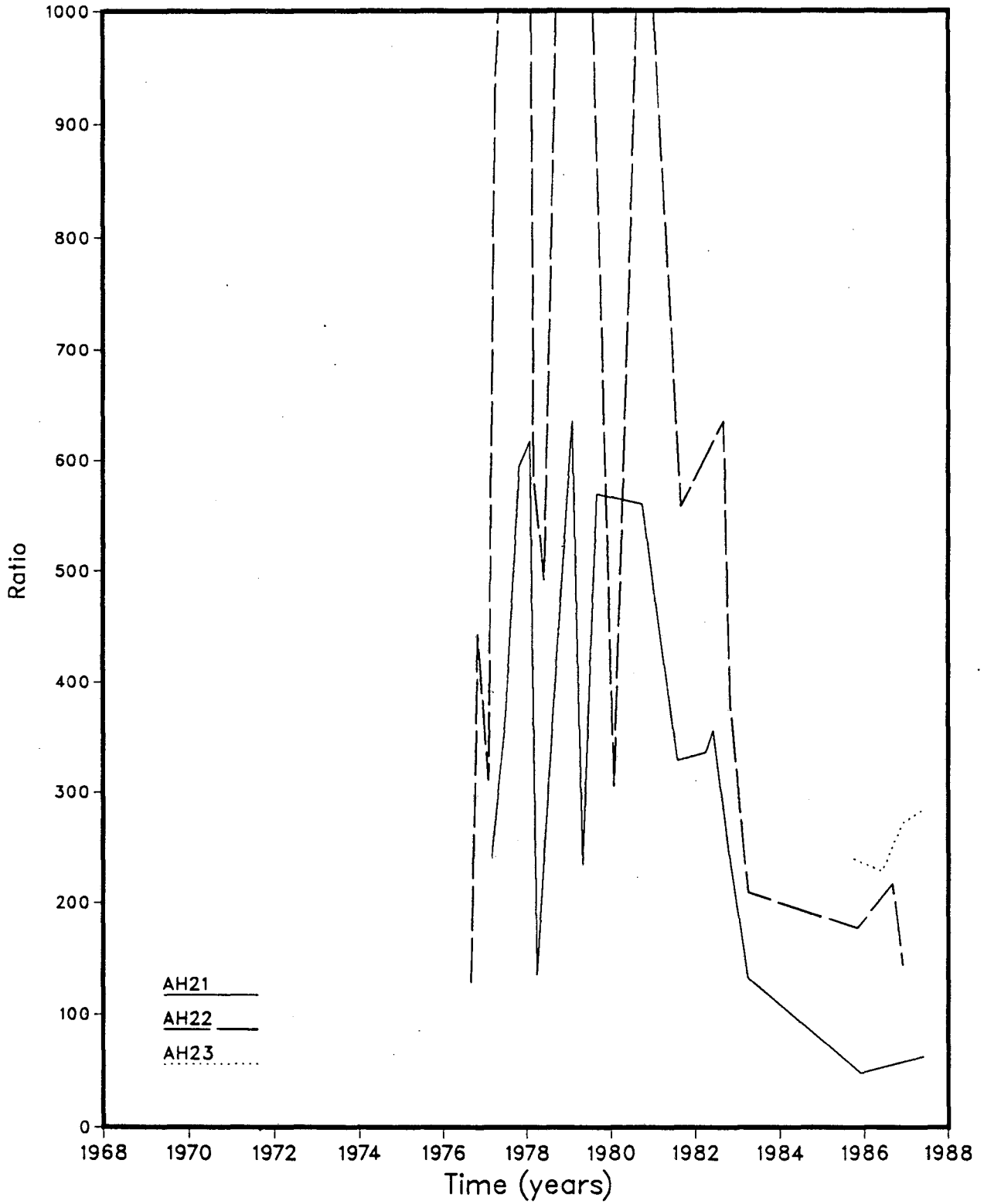
CO₂/H₂ Ratio



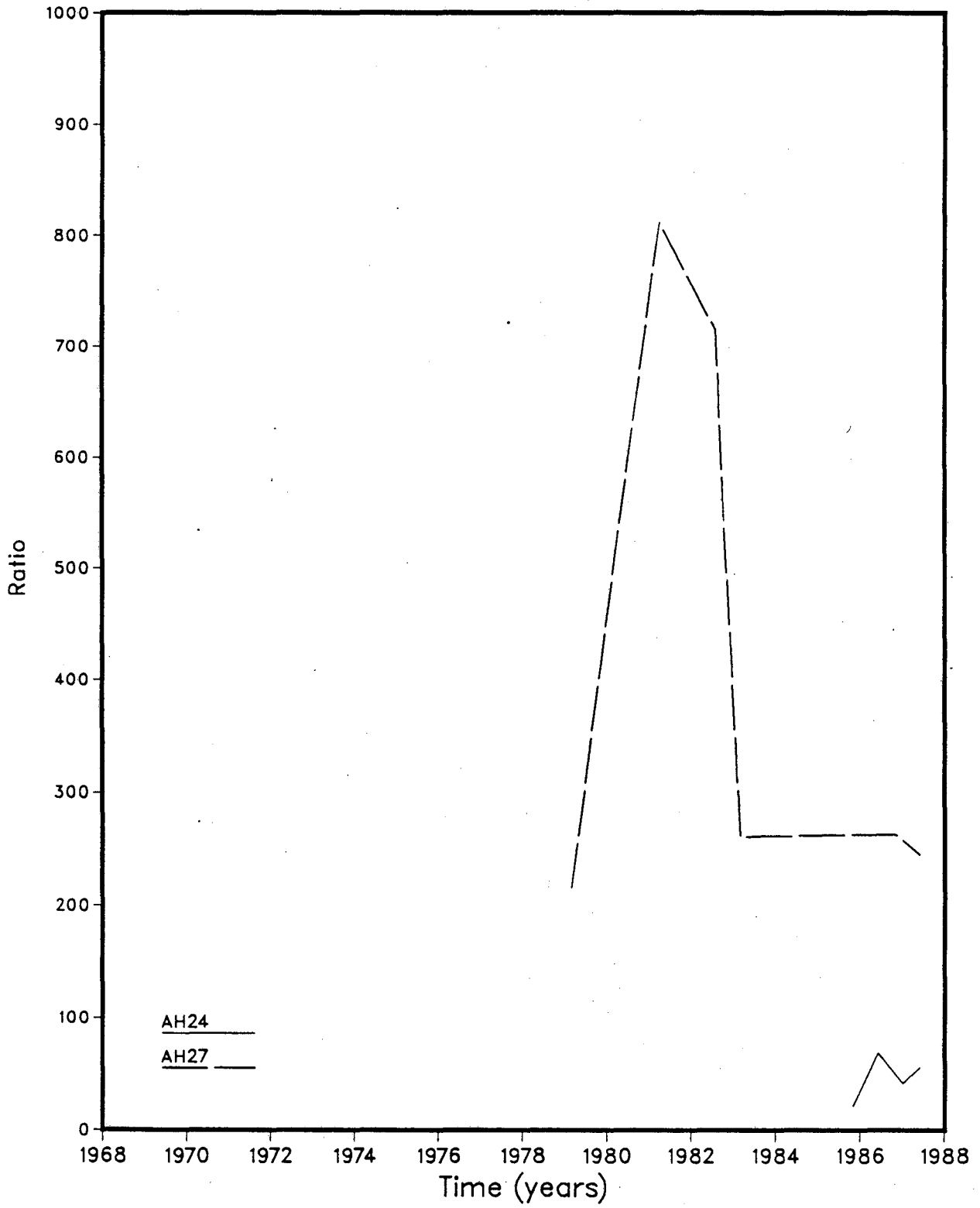
CO₂/H₂ Ratio



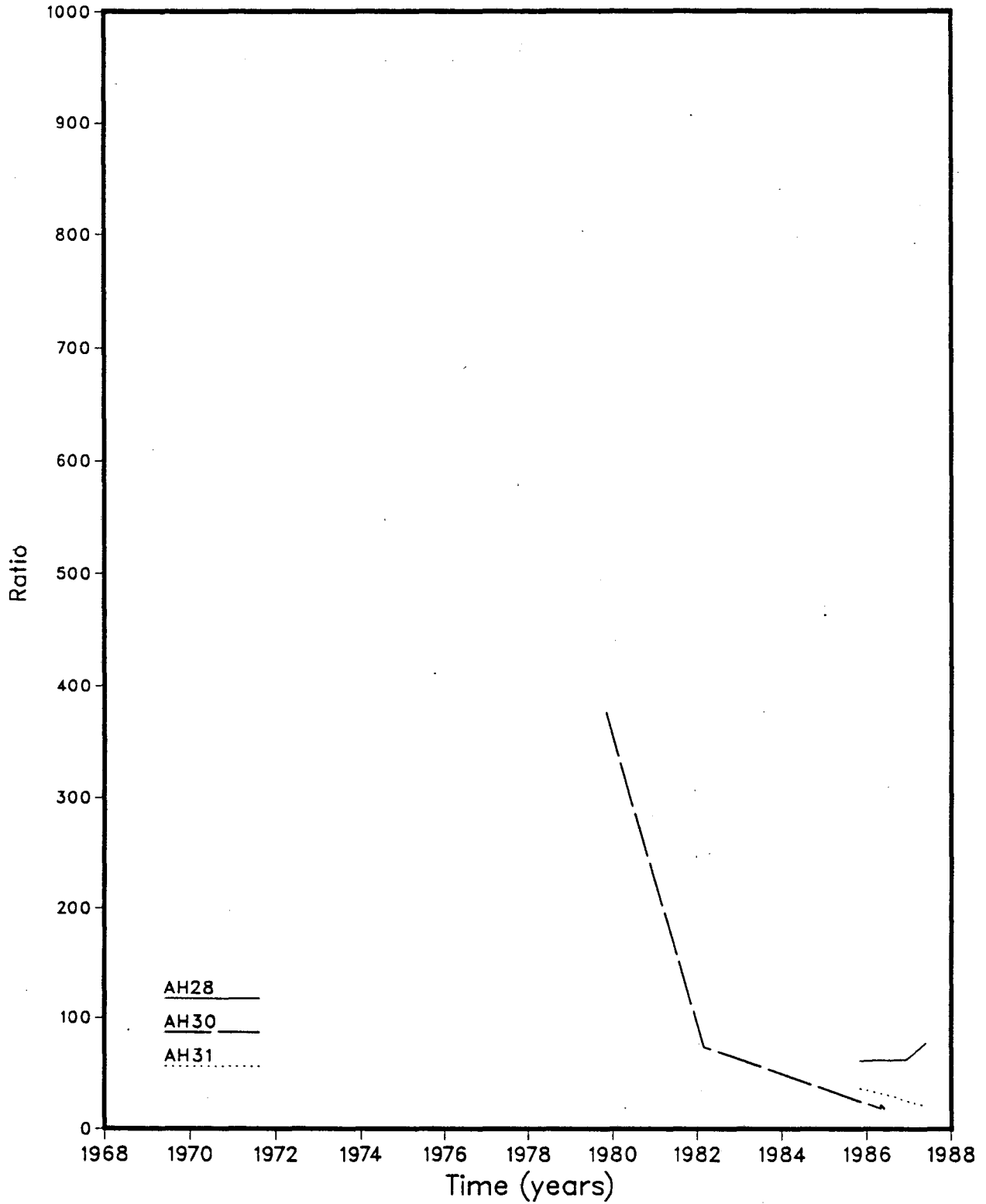
CO₂/H₂ Ratio



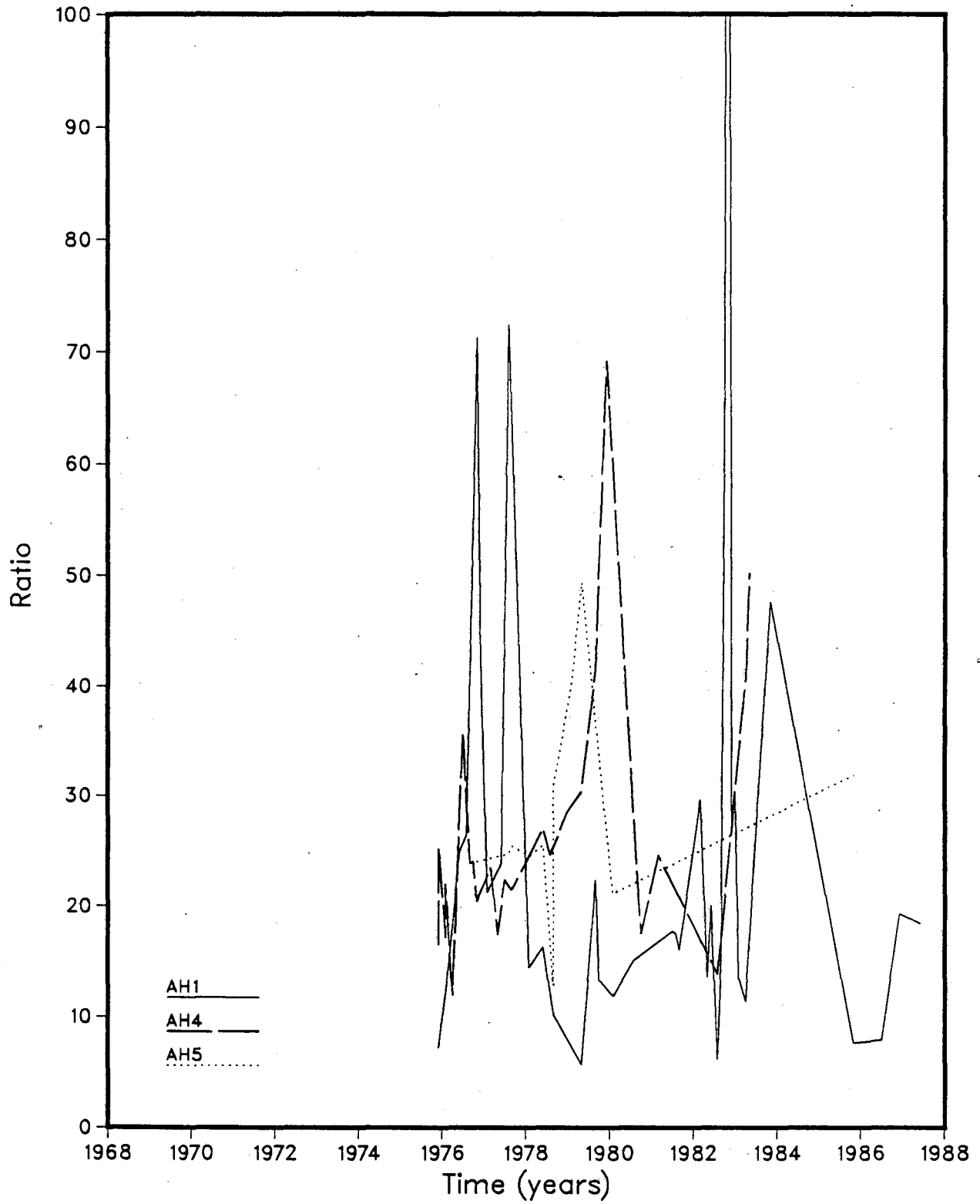
CO₂/H₂ Ratio



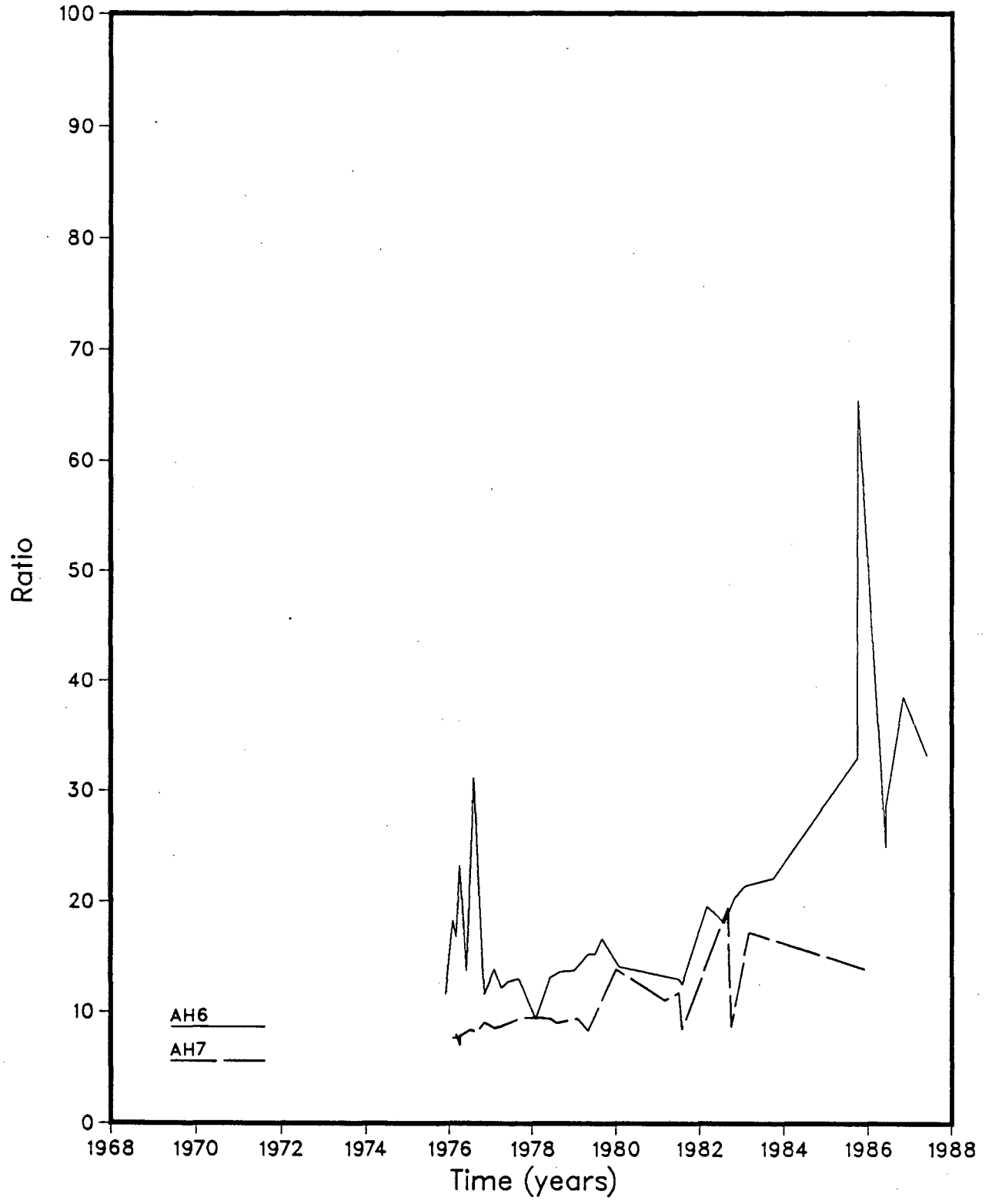
CO₂/H₂ Ratio



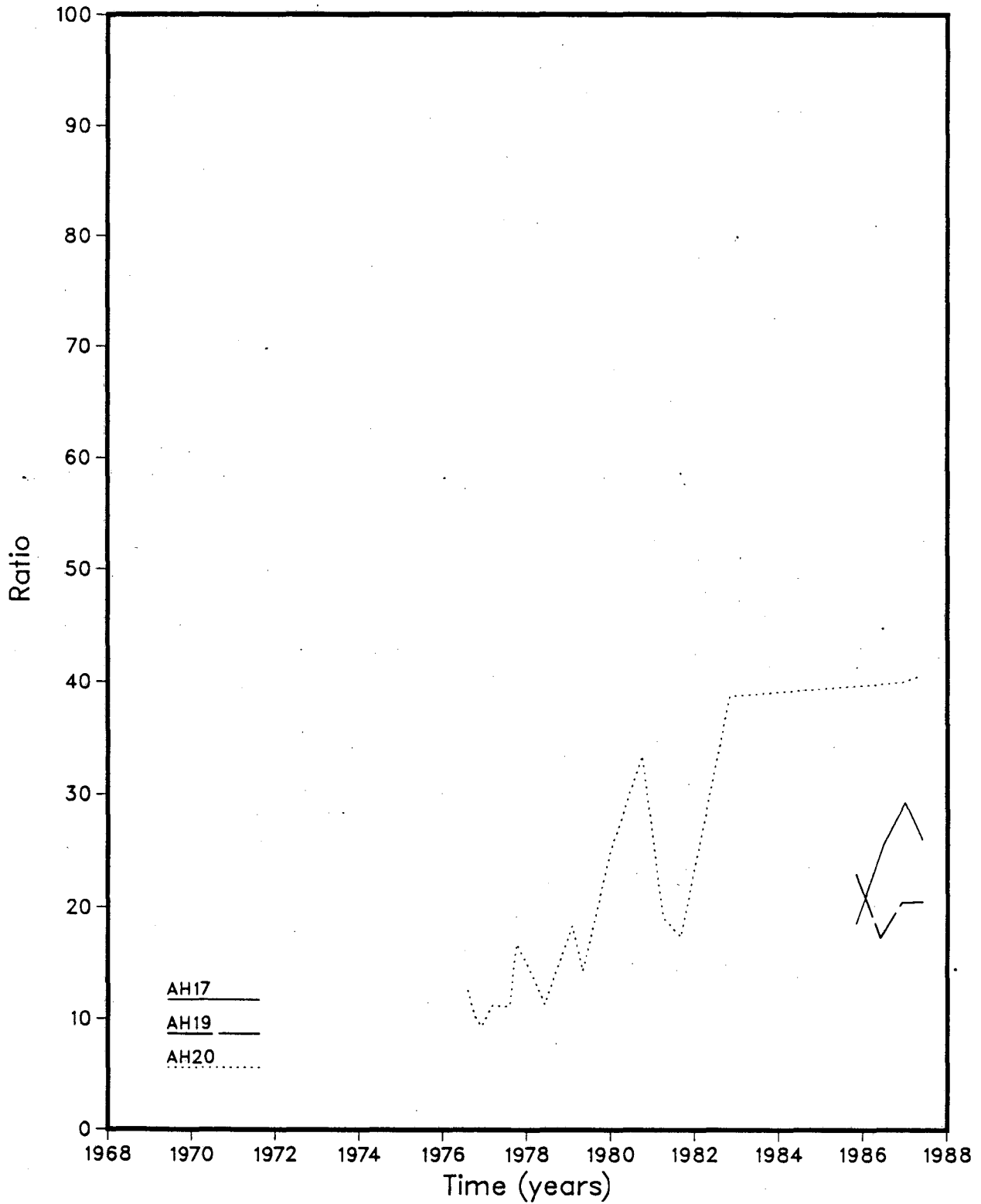
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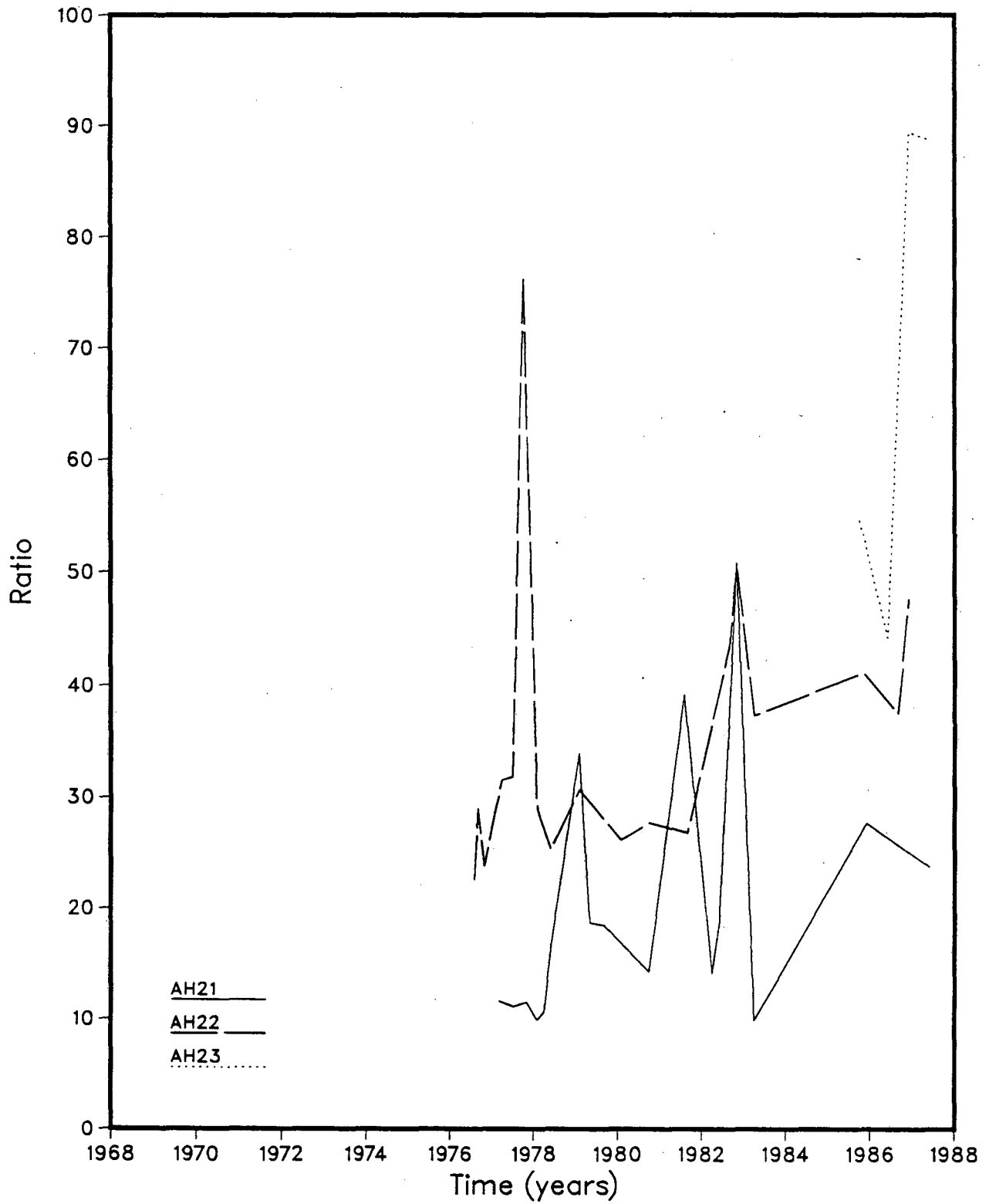
CO₂/H₂S Ratio



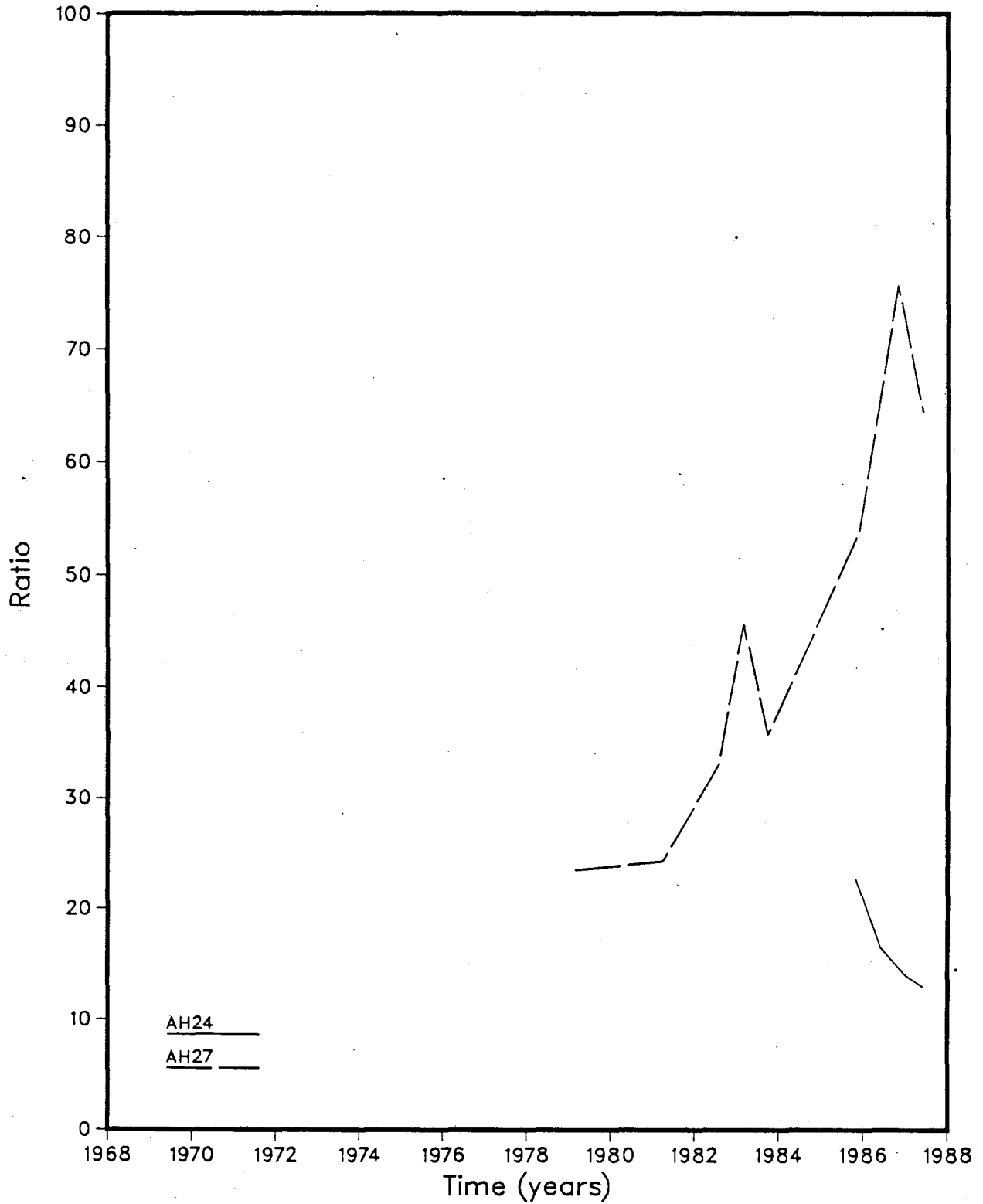
CO₂/H₂S Ratio



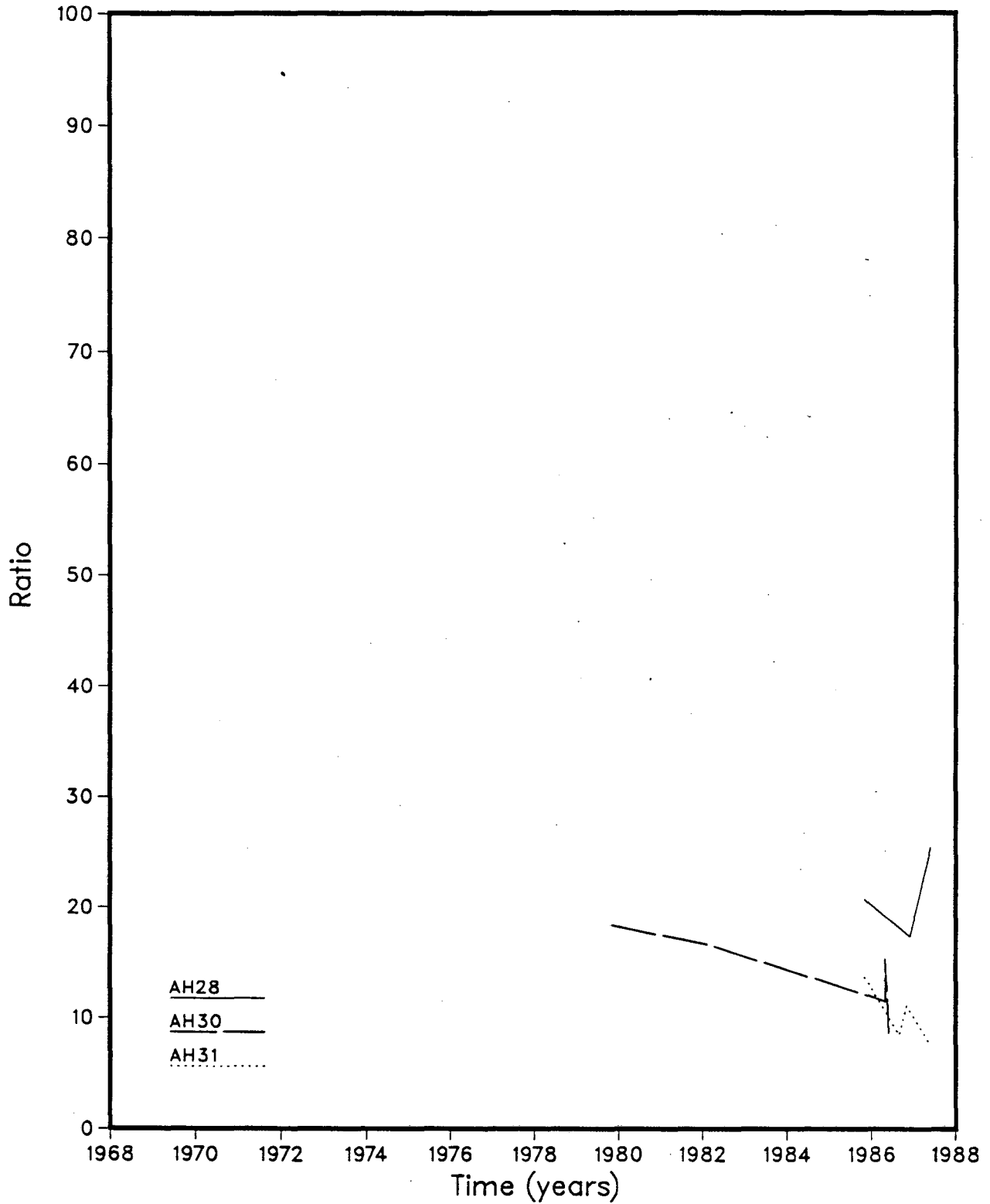
CO₂/H₂S Ratio



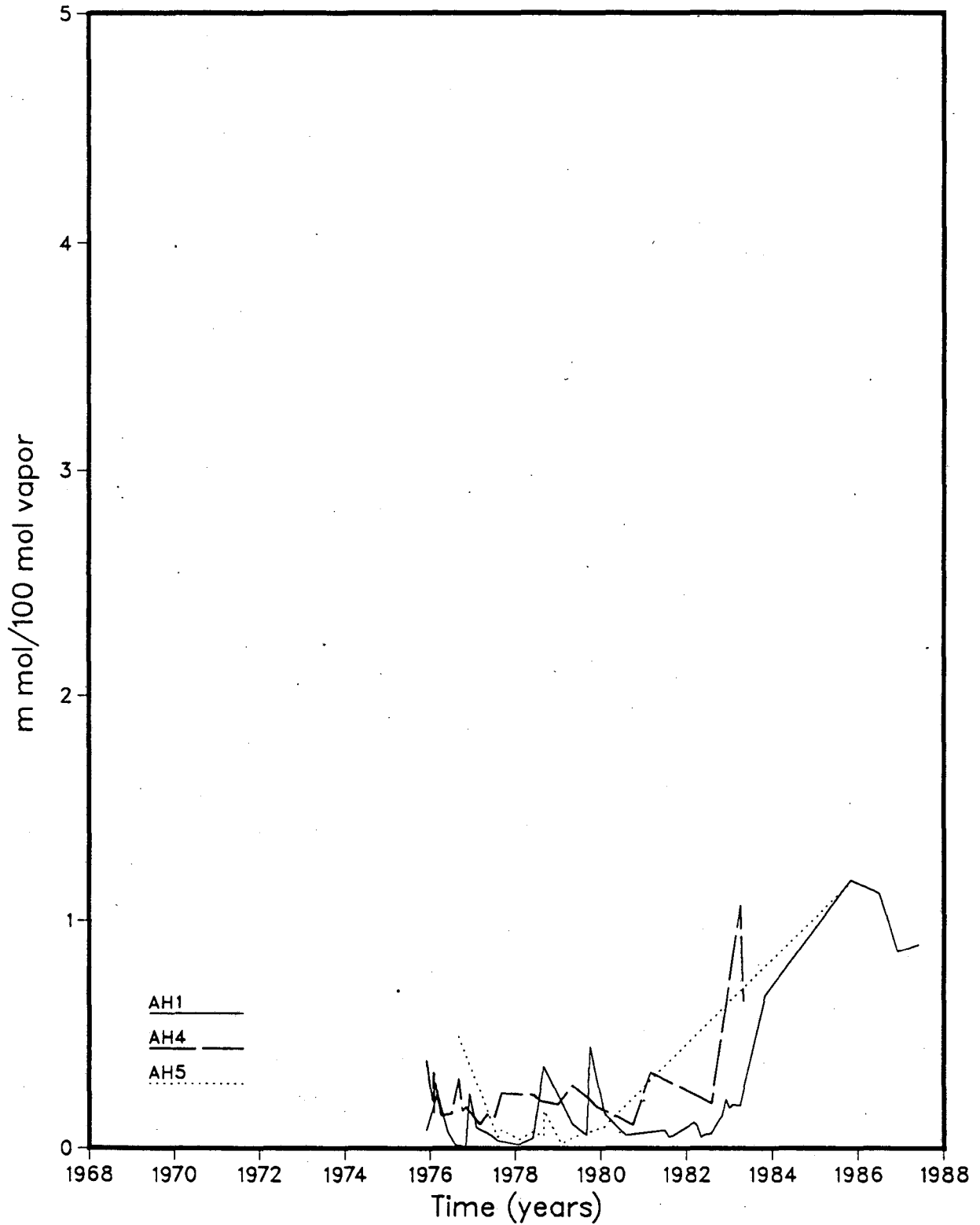
CO₂/H₂S Ratio



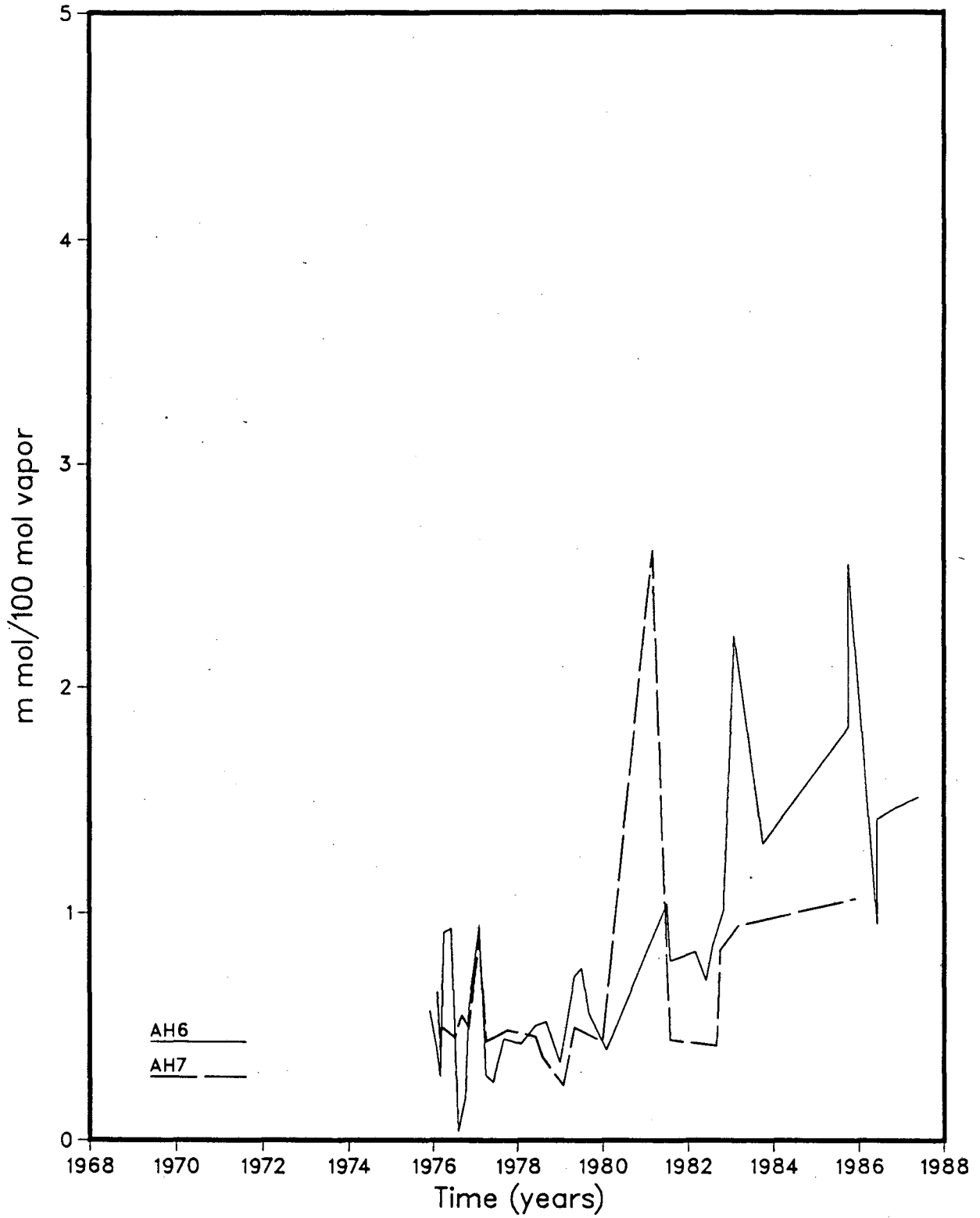
CO₂/H₂S Ratio



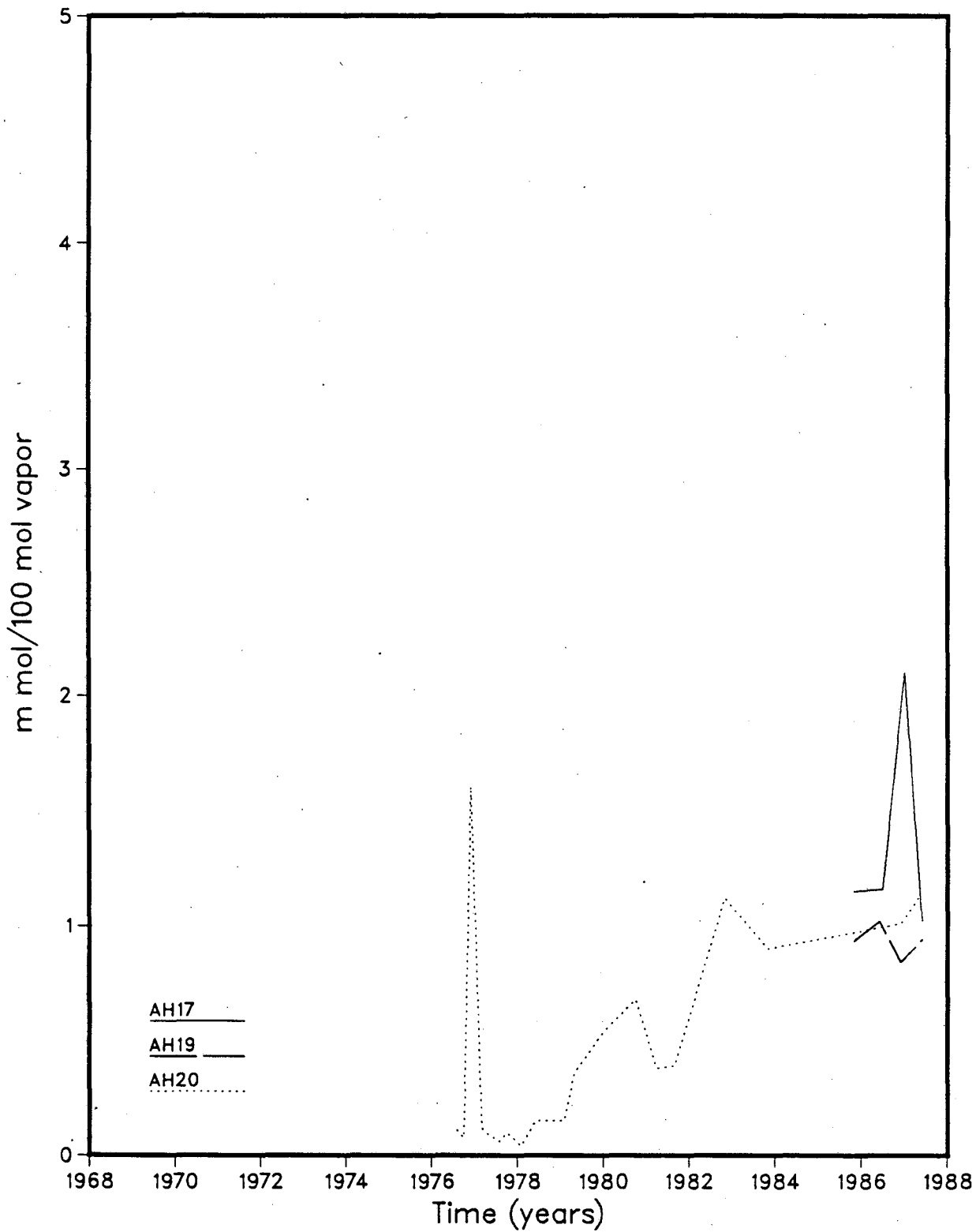
Gas Chemistry (H2)



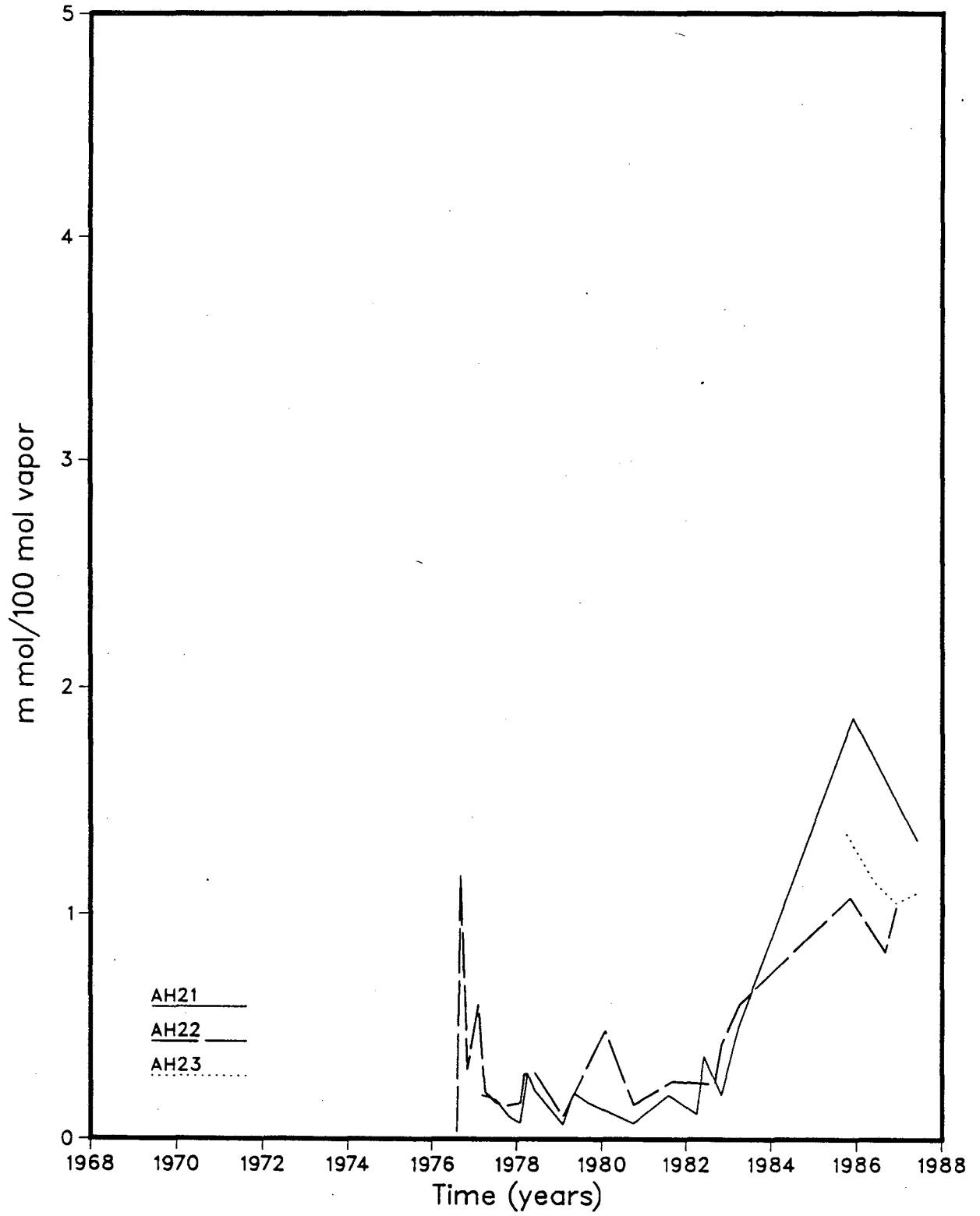
Gas Chemistry (H₂)



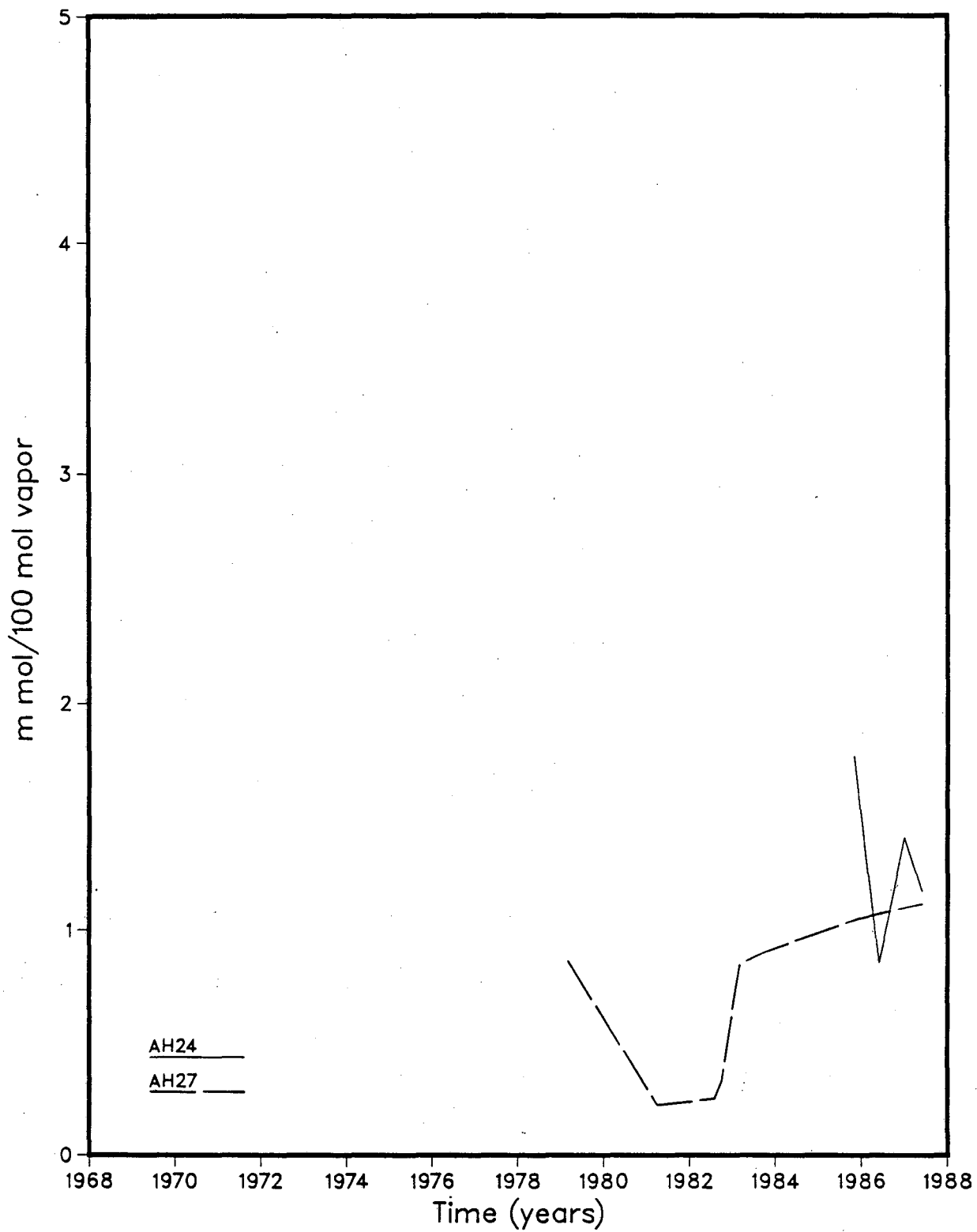
Gas Chemistry (H2)



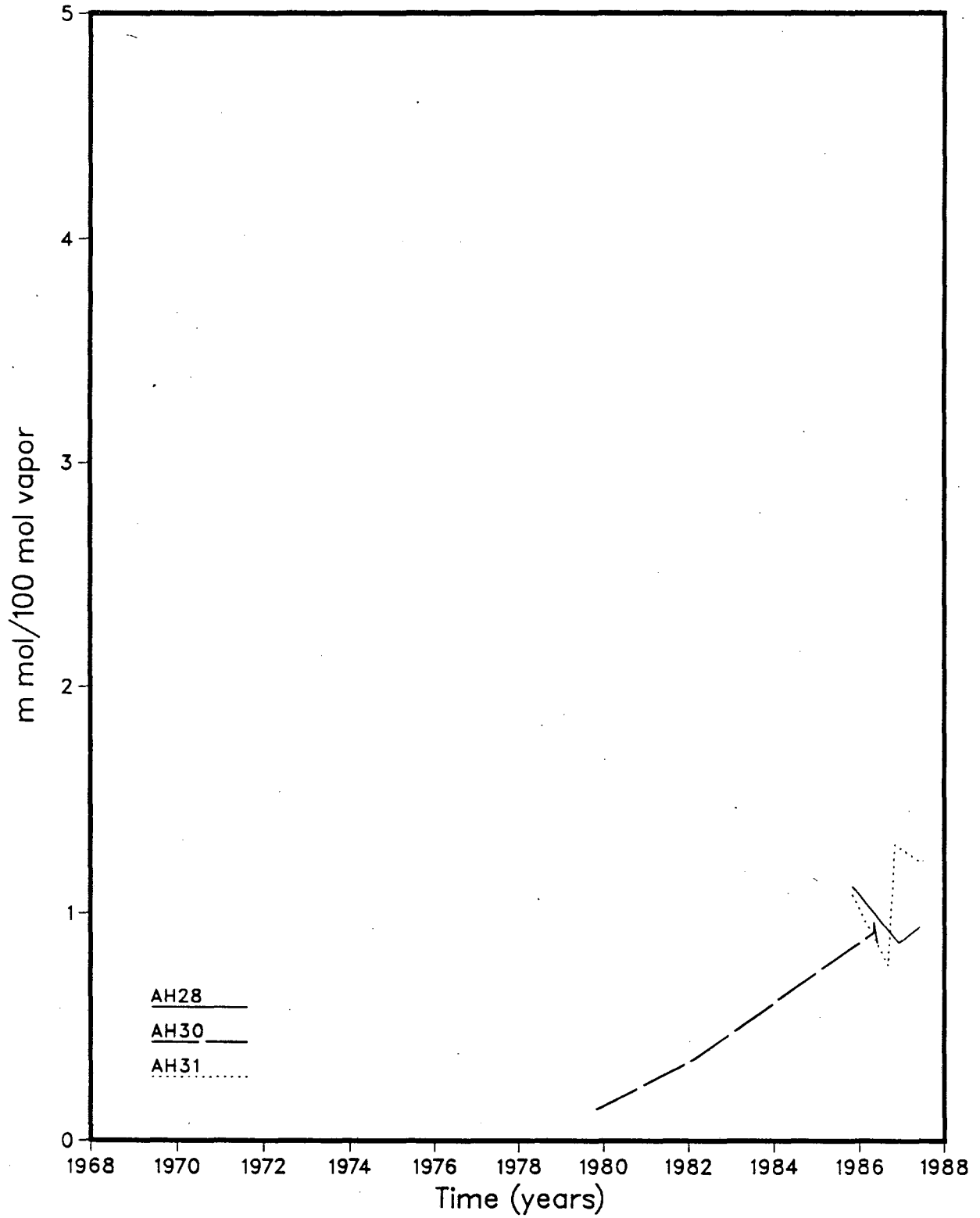
Gas Chemistry (H2)



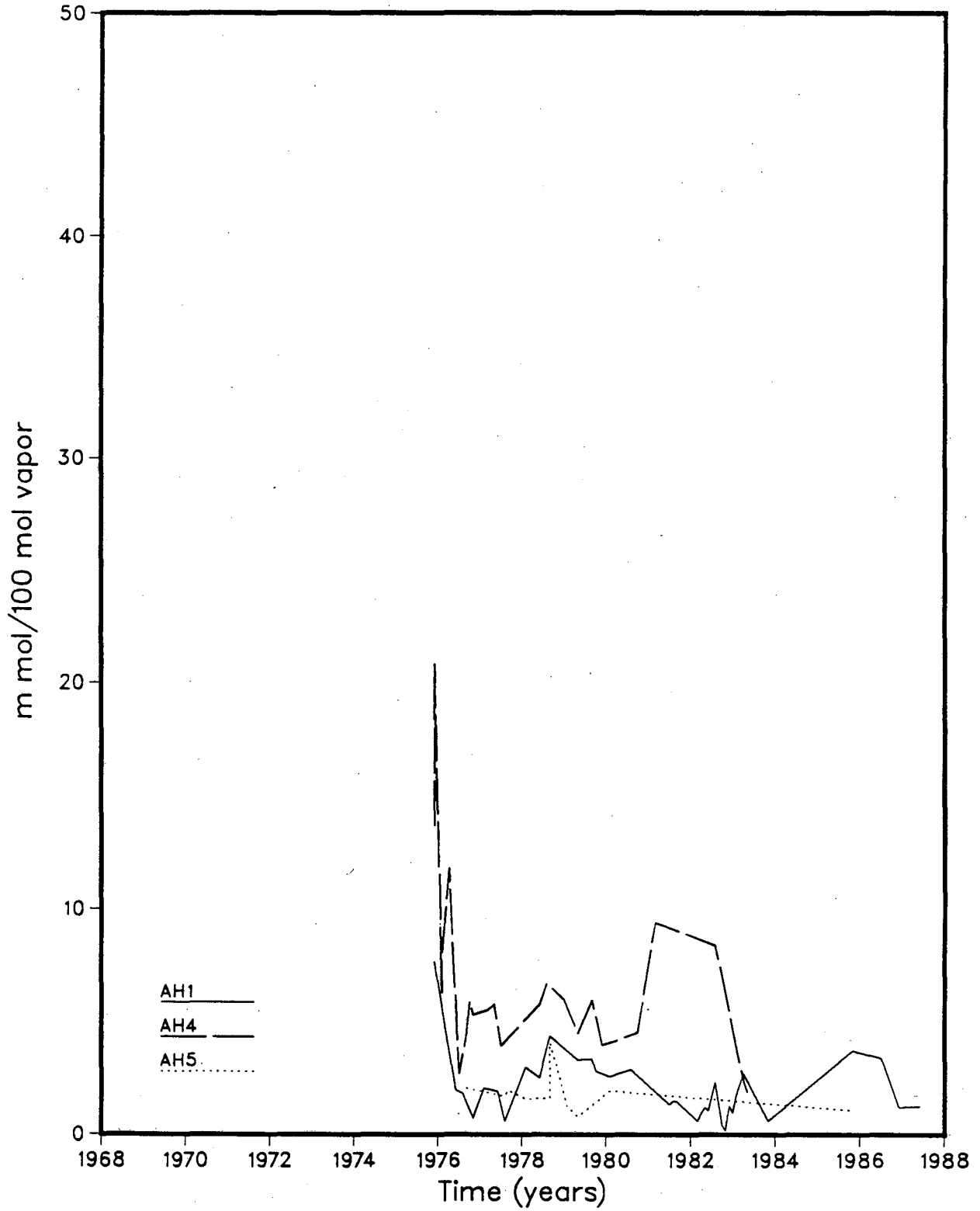
Gas Chemistry (H2)



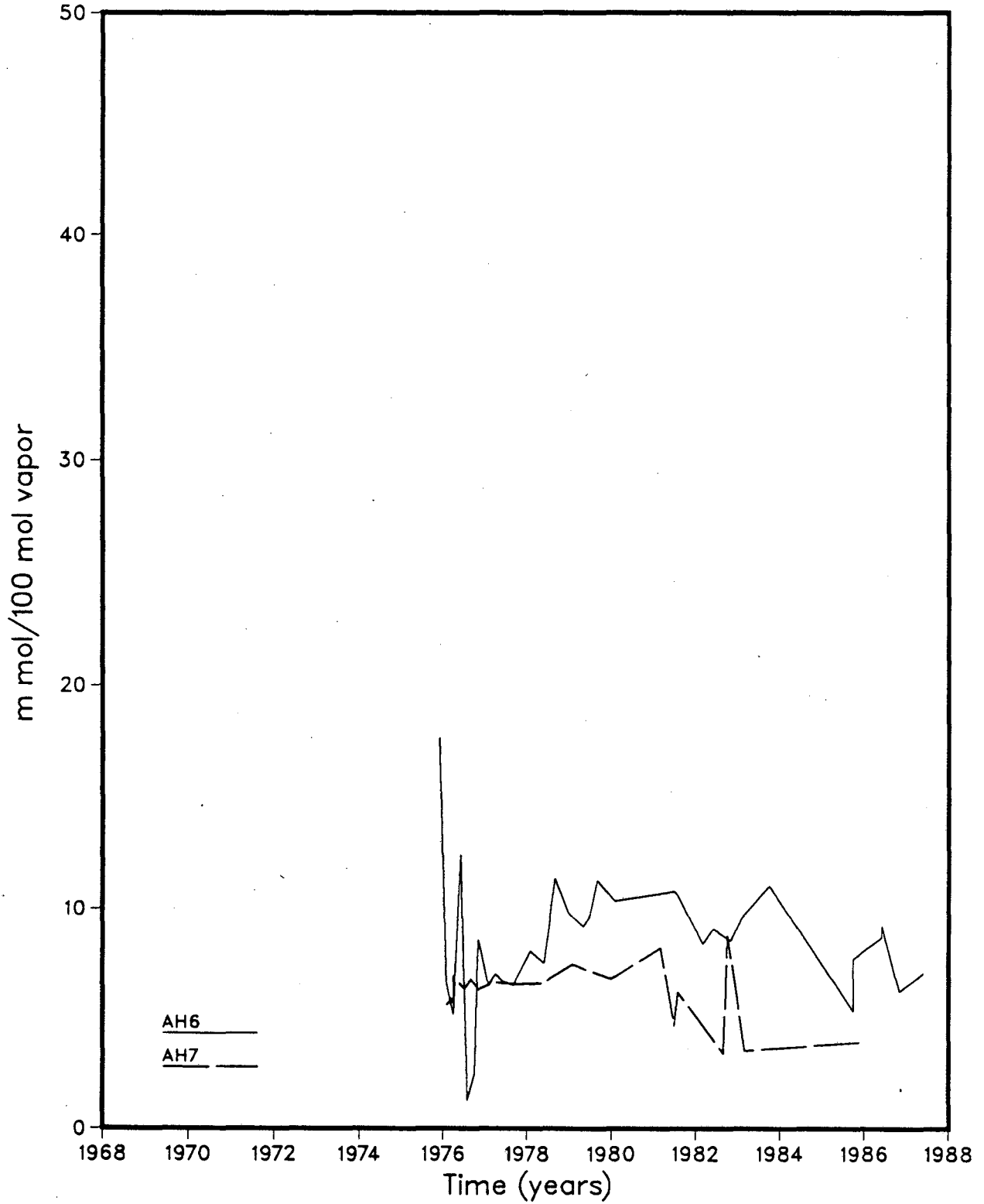
Gas Chemistry (H2)



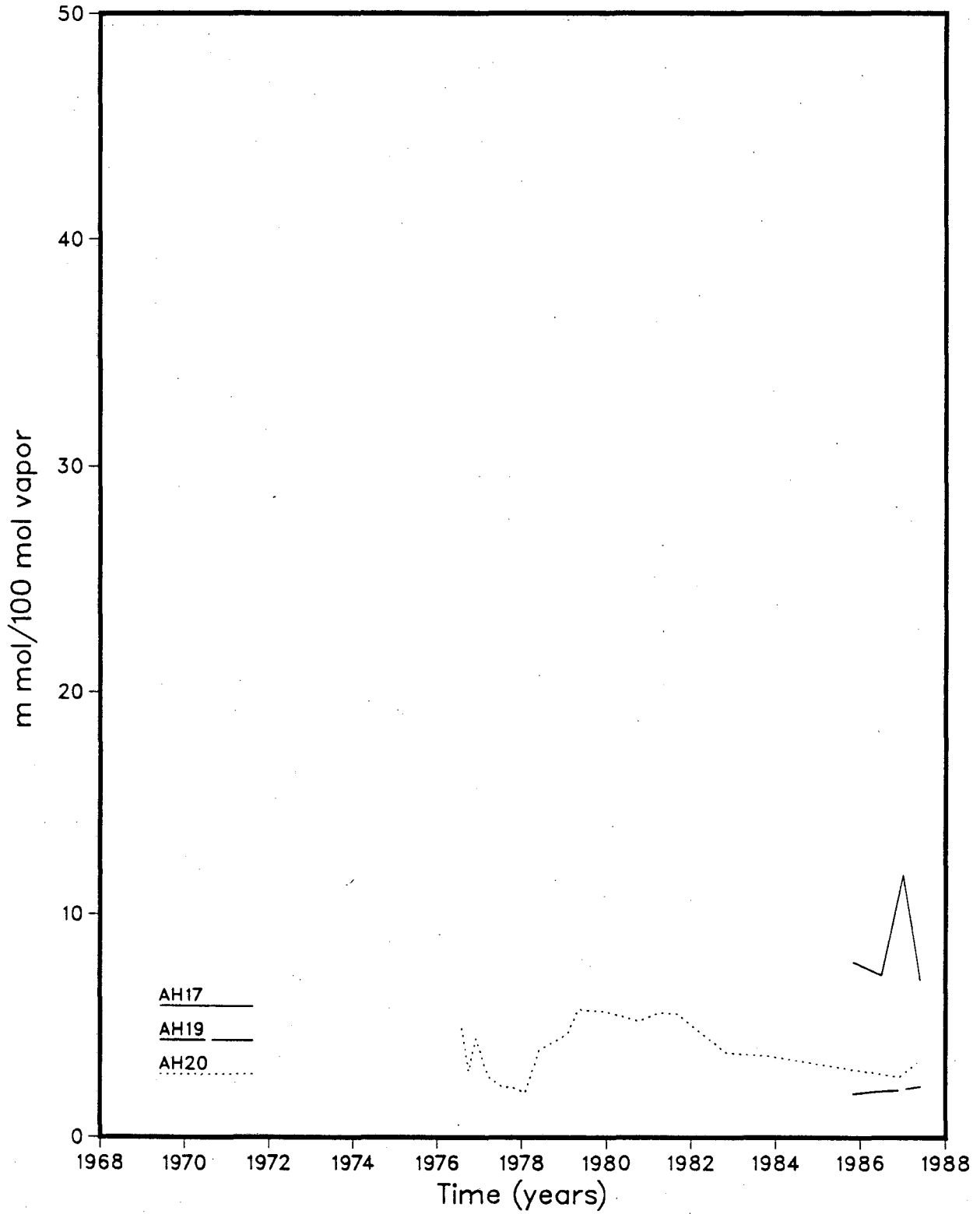
Gas Chemistry (H₂S)



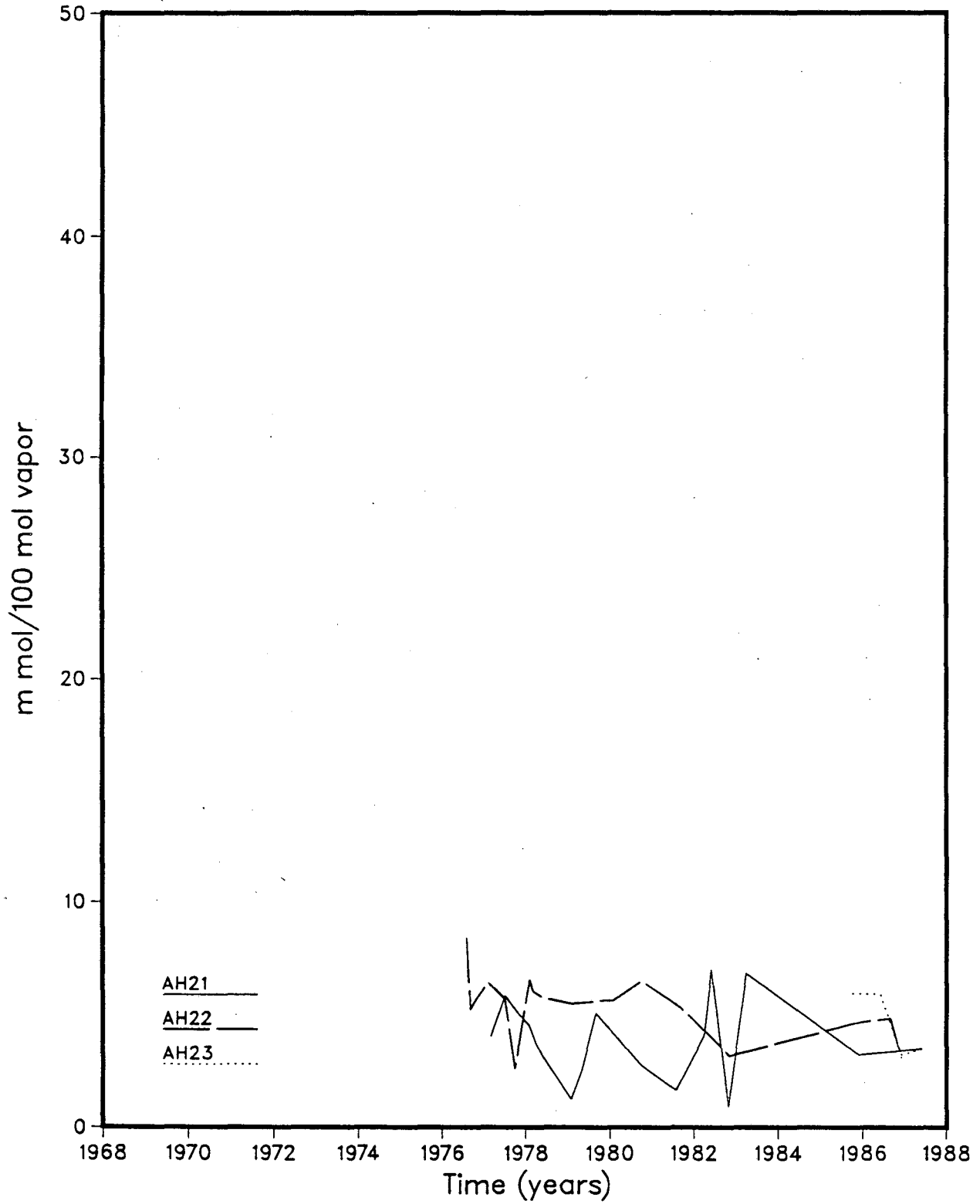
Gas Chemistry (H₂S)



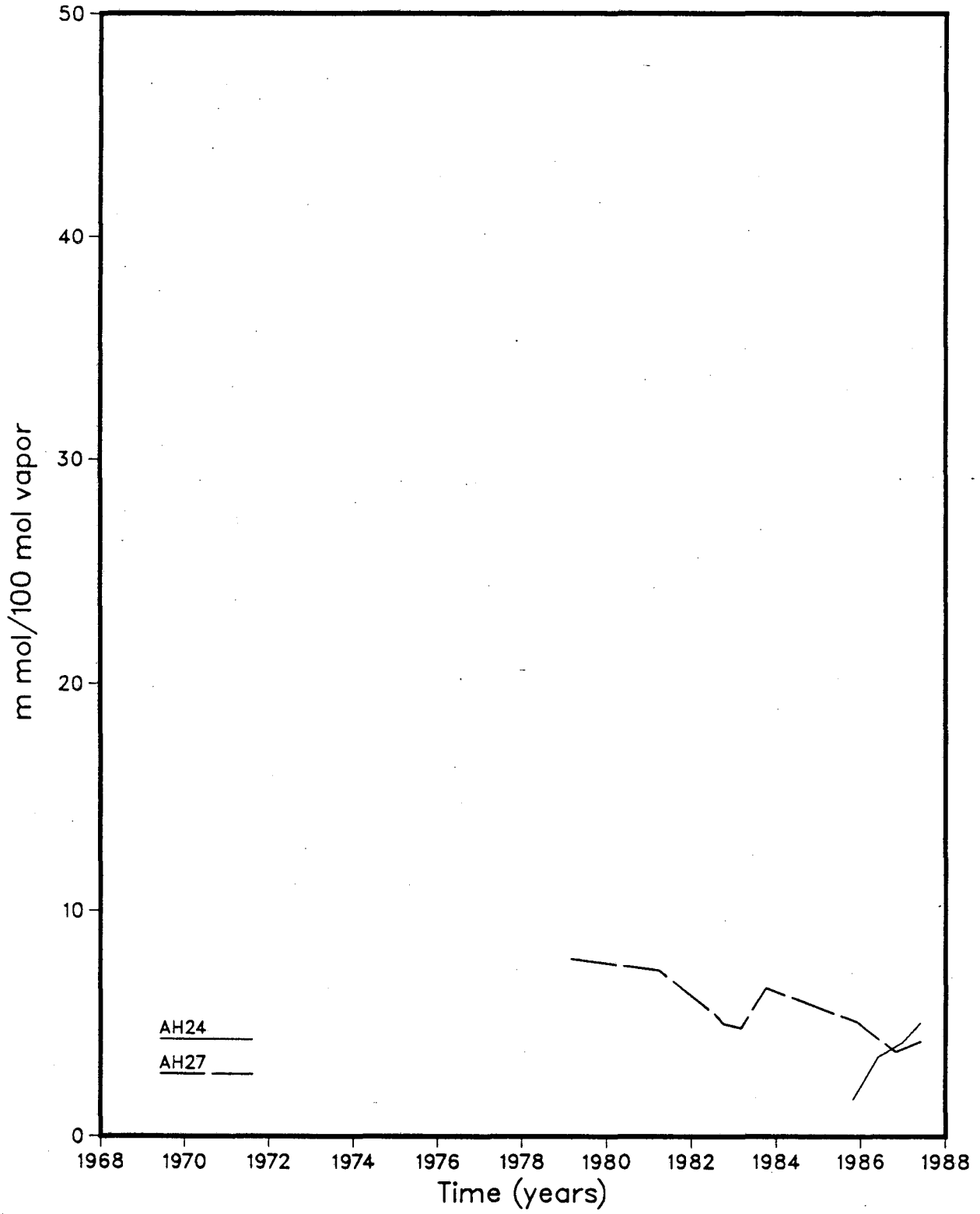
Gas Chemistry (H₂S)



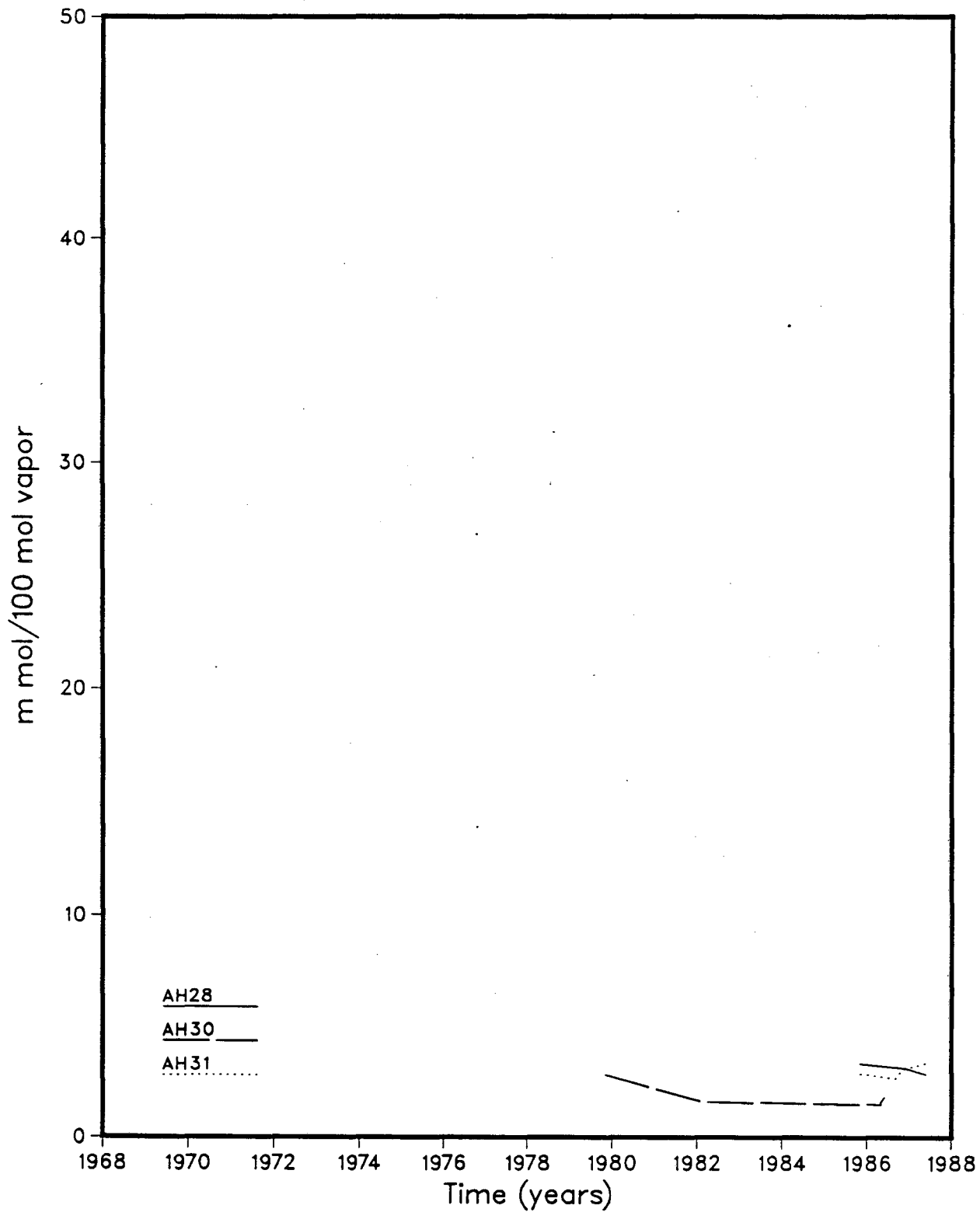
Gas Chemistry (H₂S)



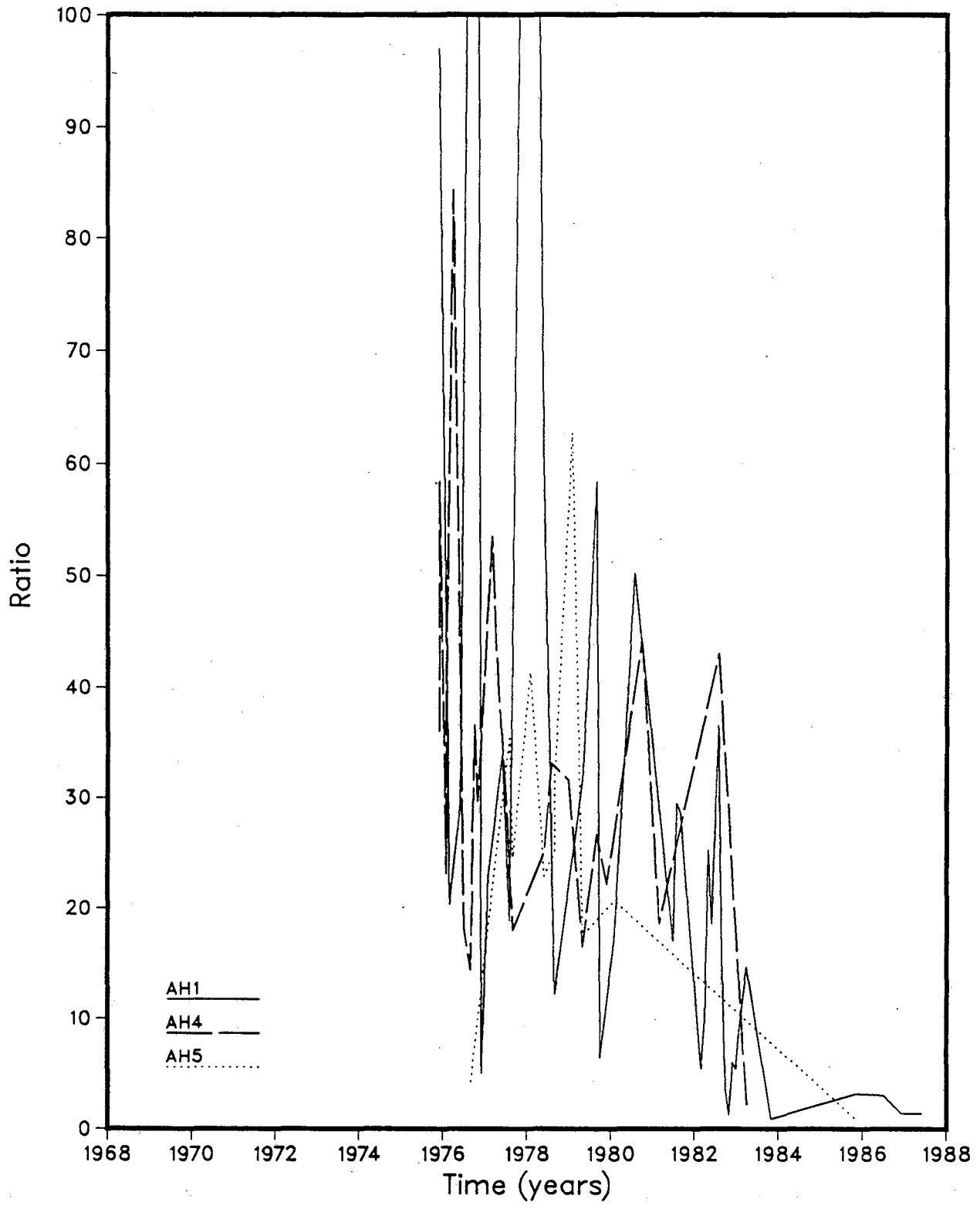
Gas Chemistry (H₂S)



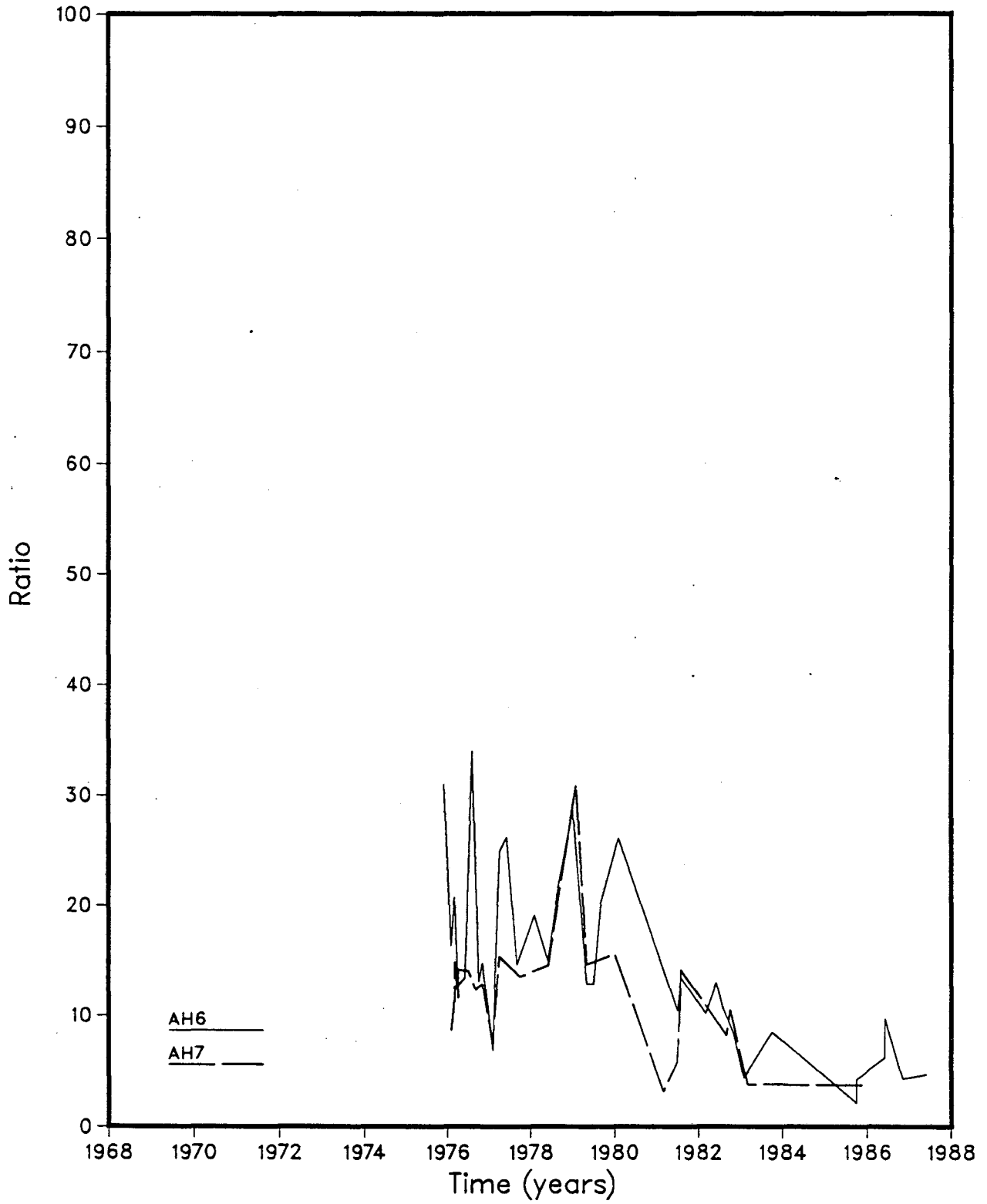
Gas Chemistry (H₂S)



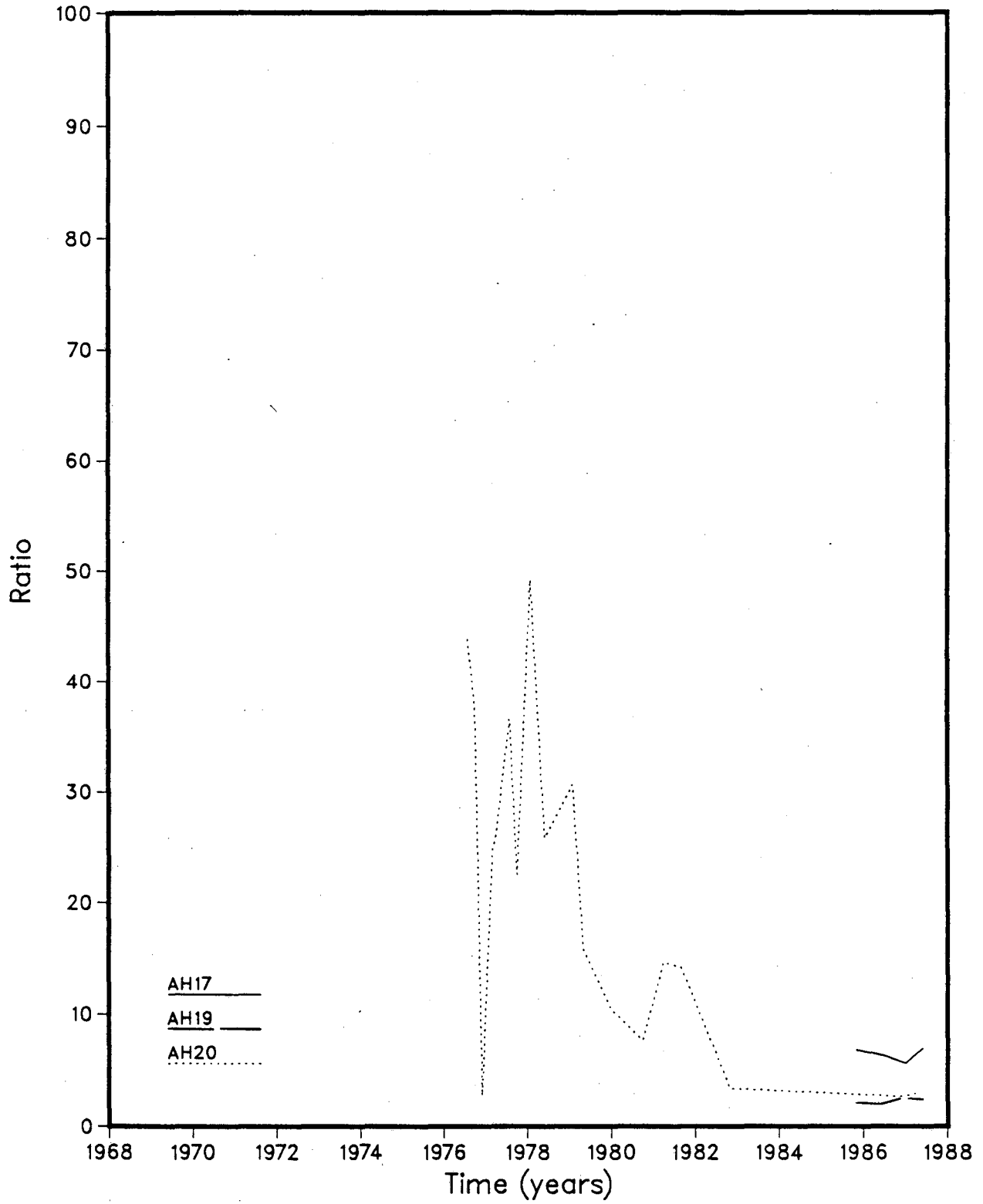
H₂S/H₂ Ratio



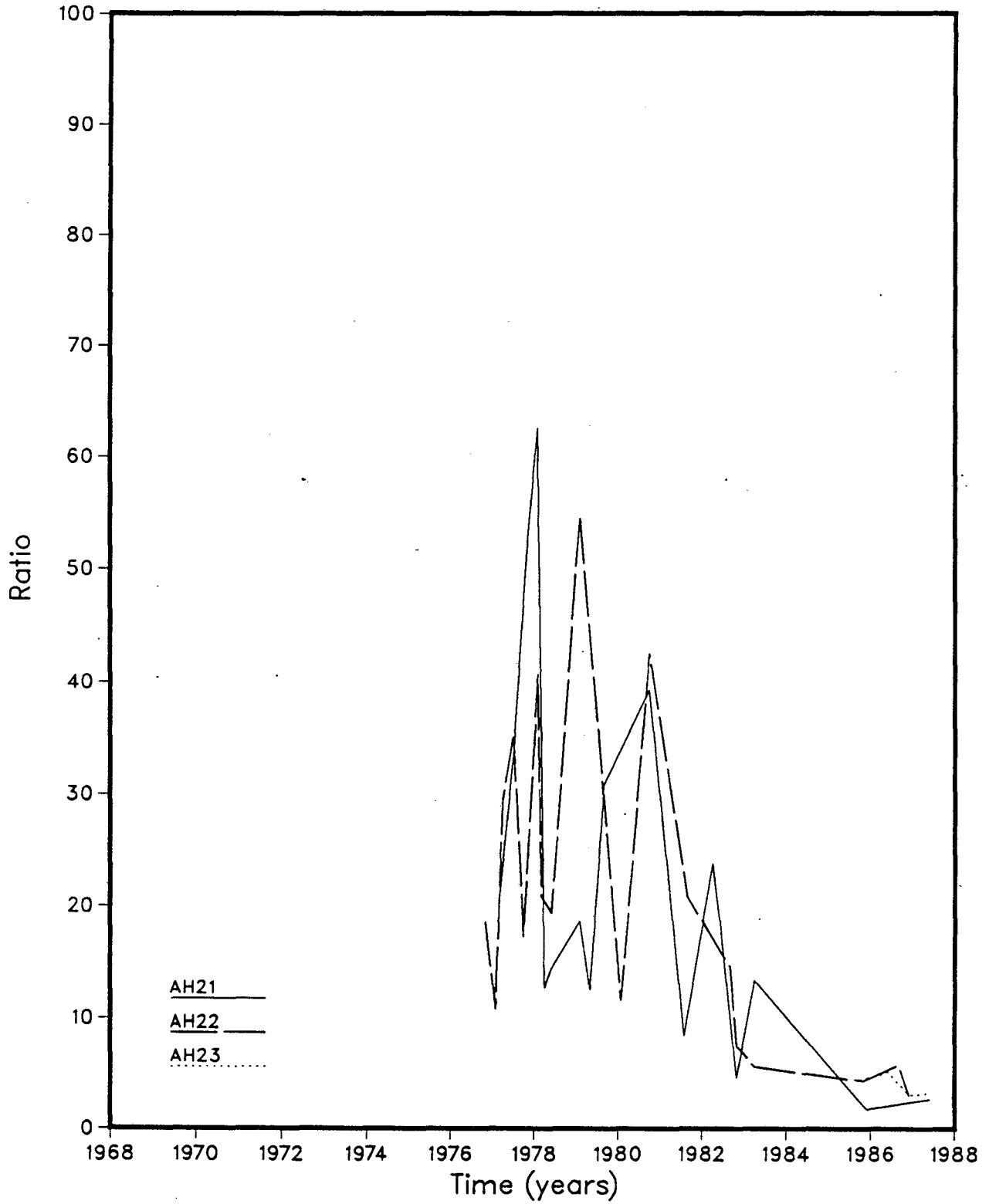
H₂S/H₂ Ratio



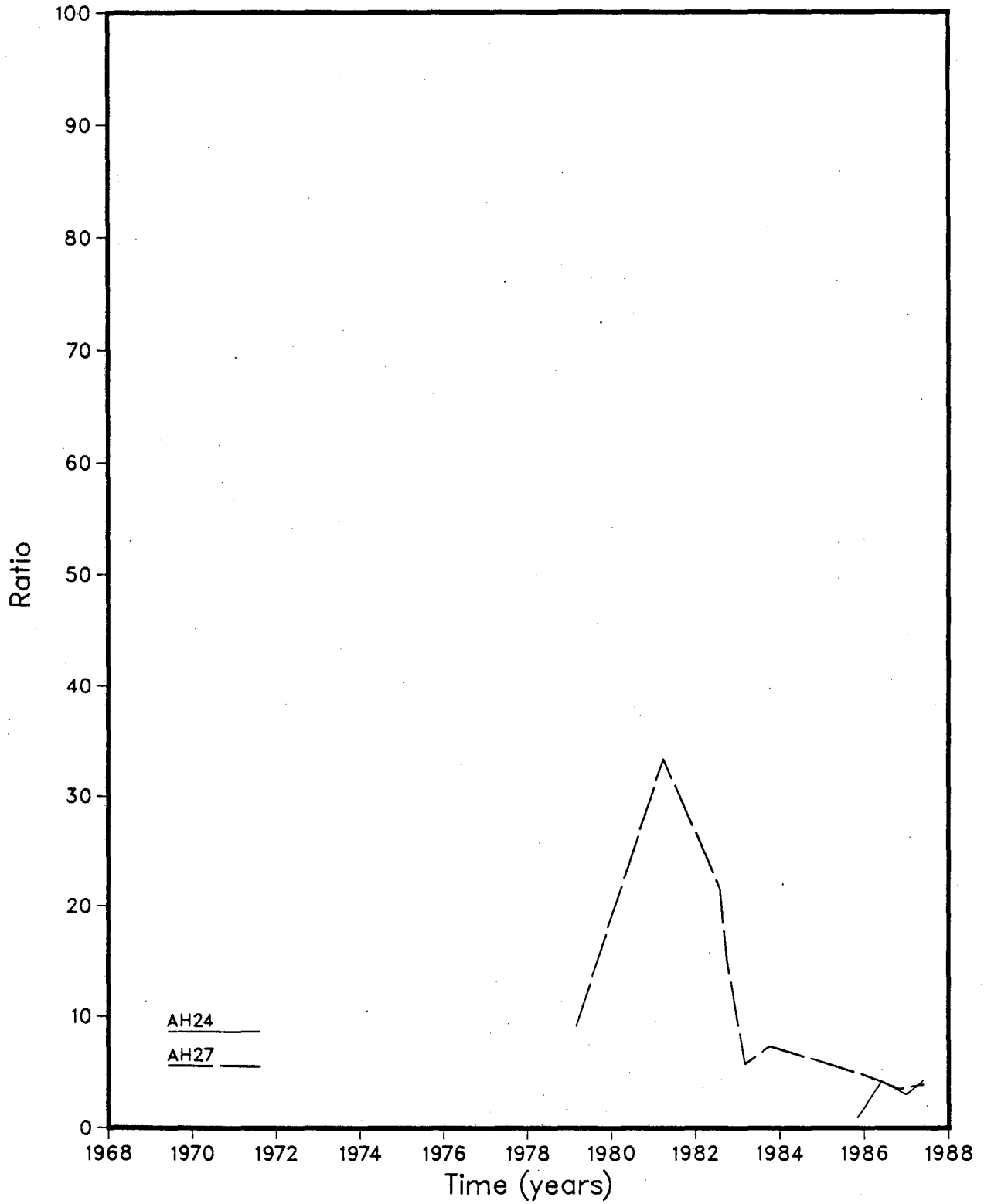
H₂S/H₂ Ratio



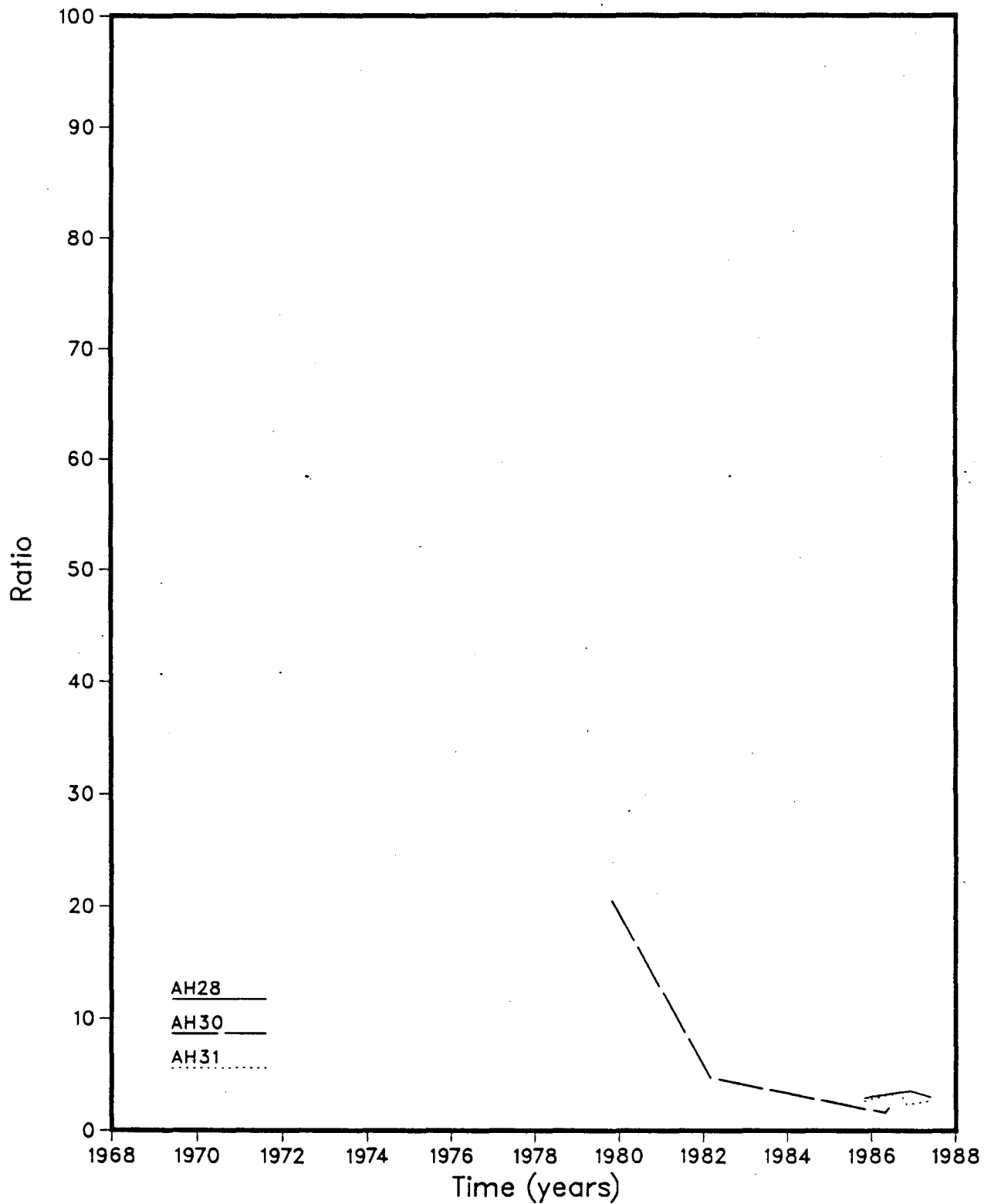
H₂S/H₂ Ratio



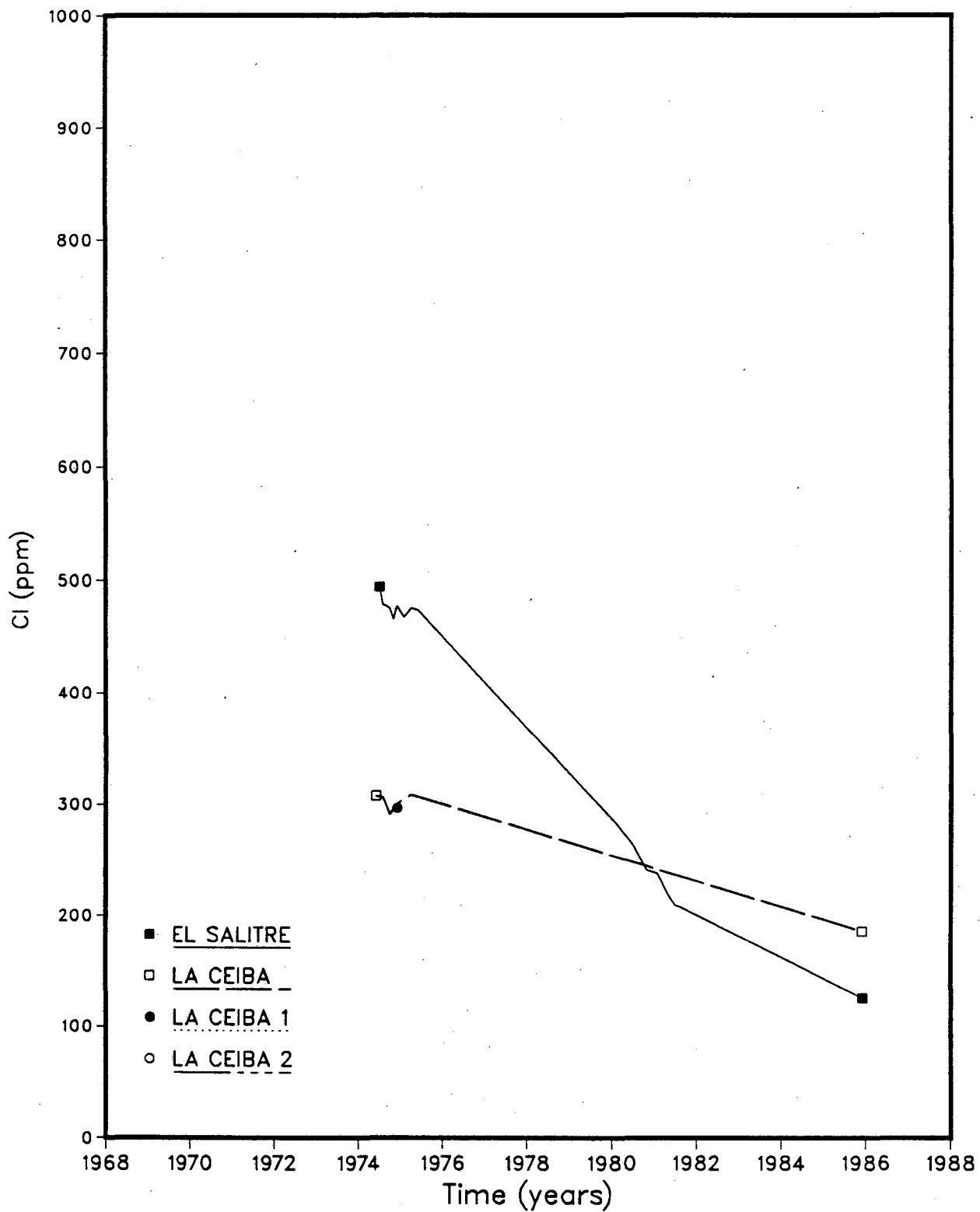
H₂S/H₂ Ratio



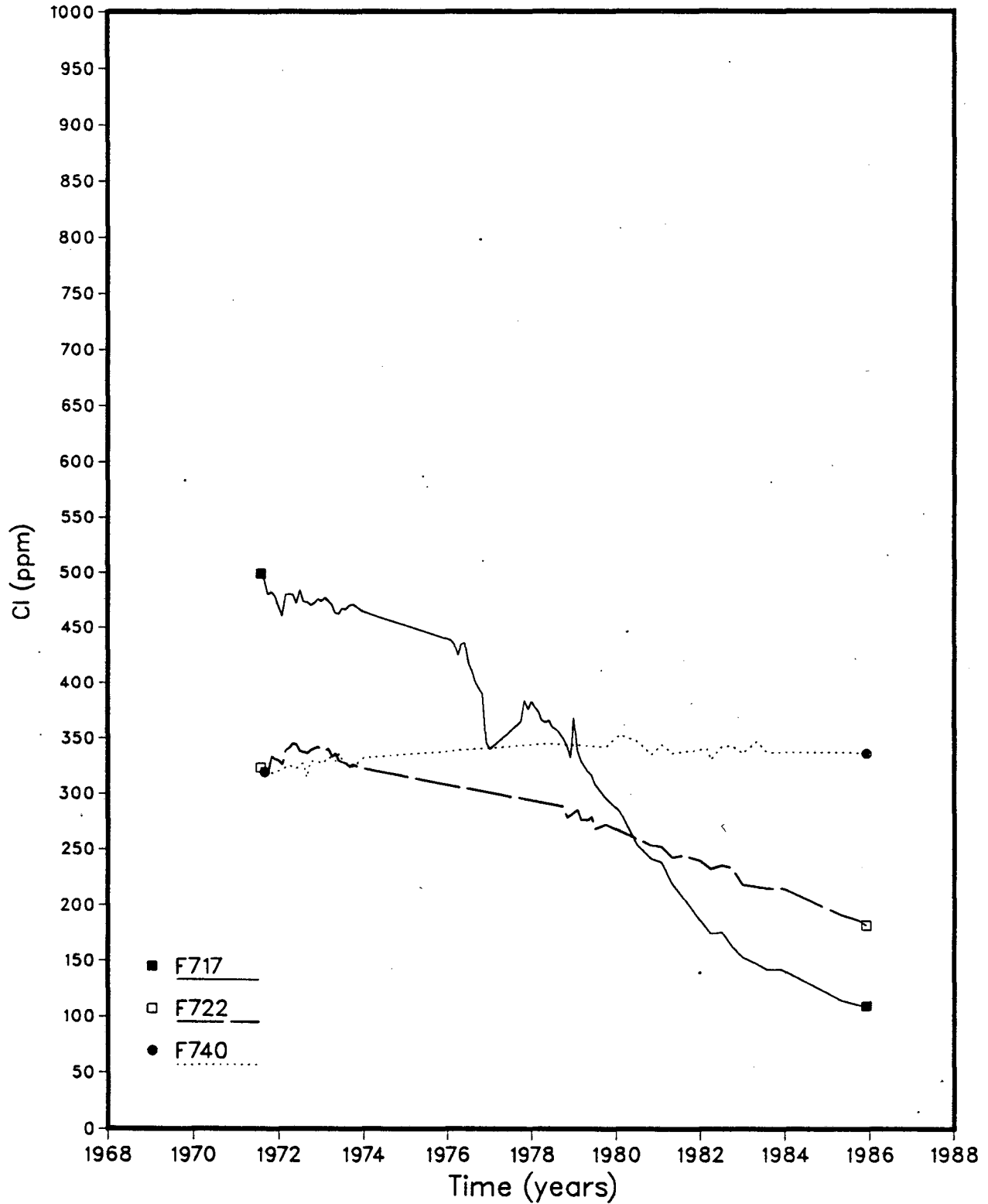
H₂S/H₂ Ratio



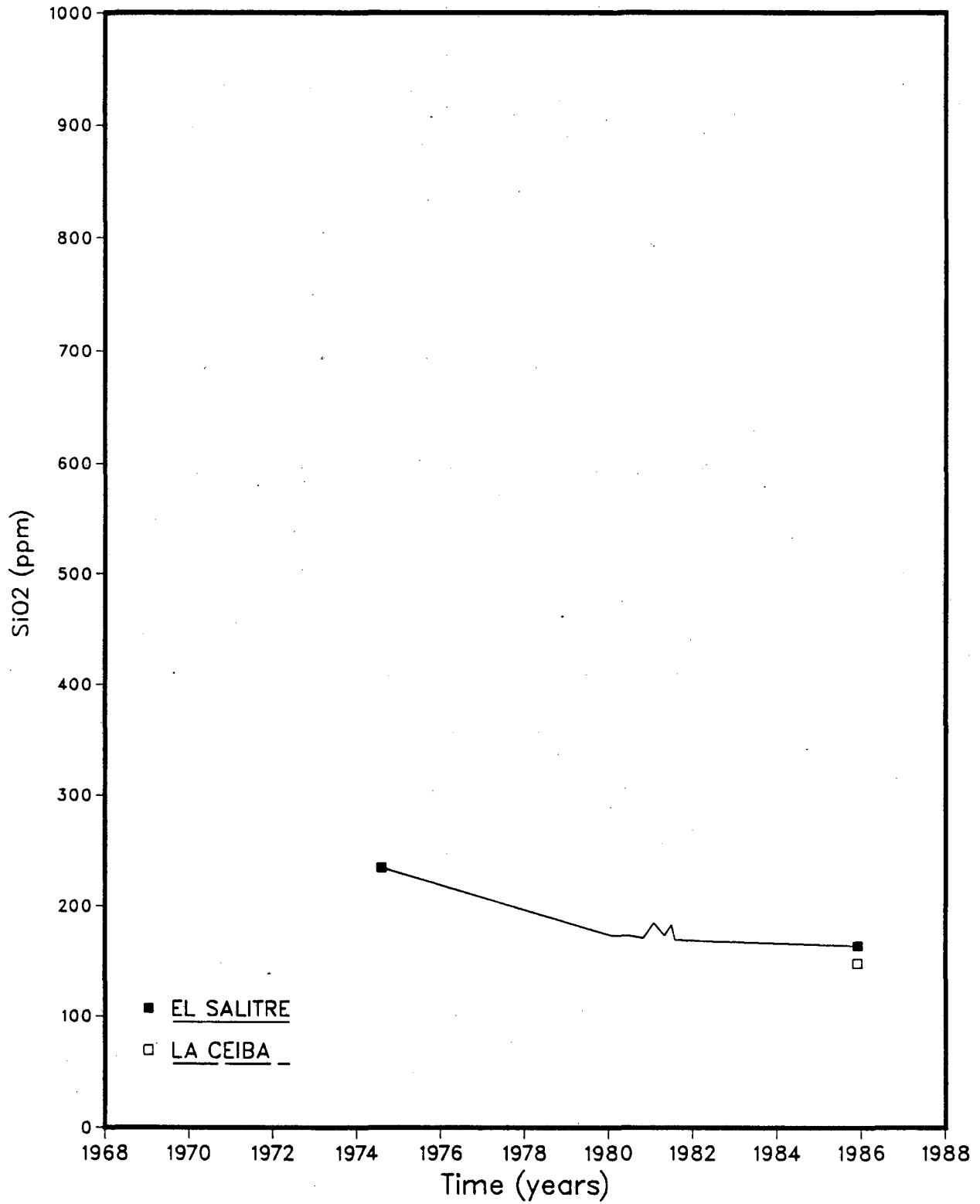
Water Chemistry (Cl)



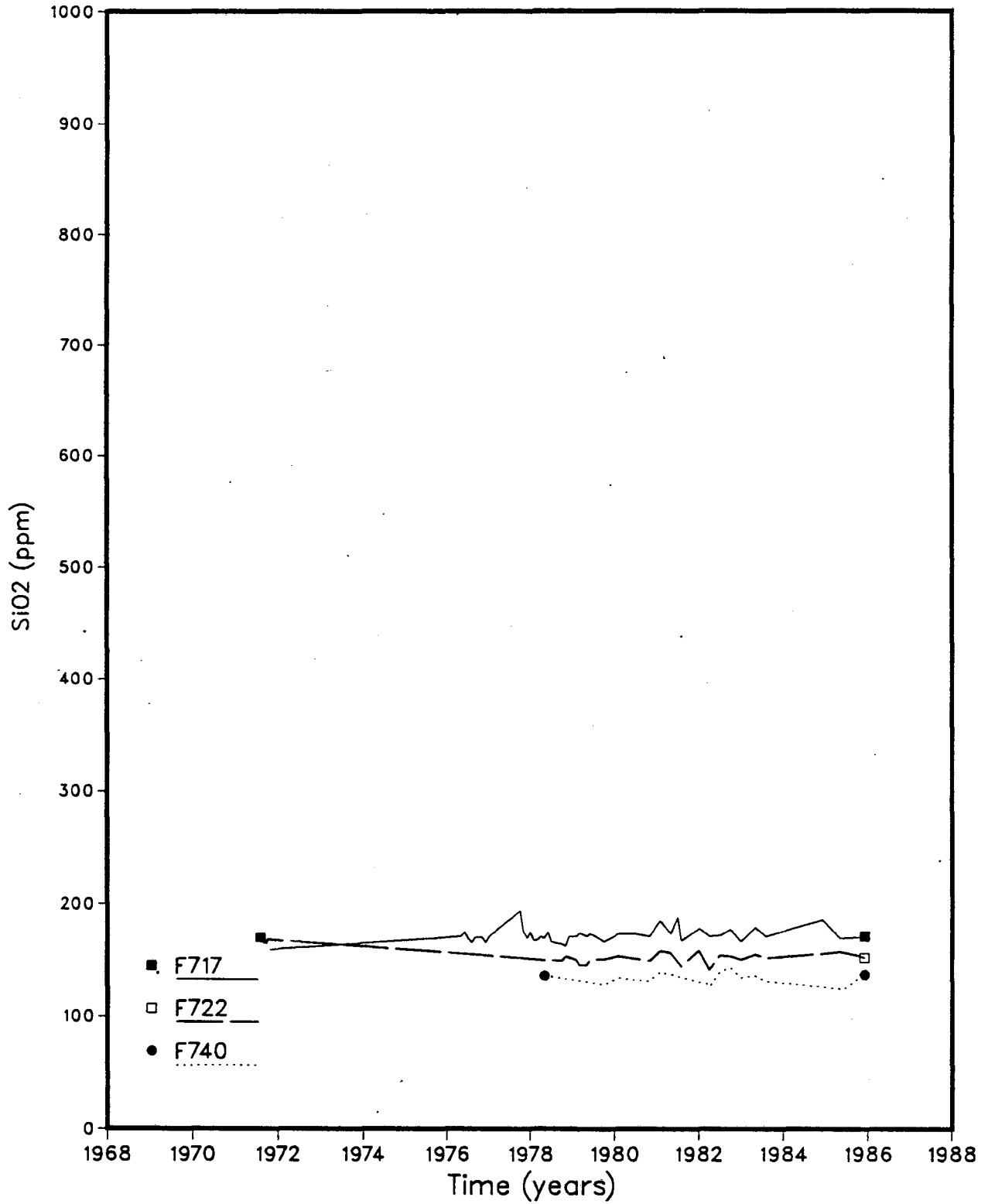
Water Chemistry (Cl)



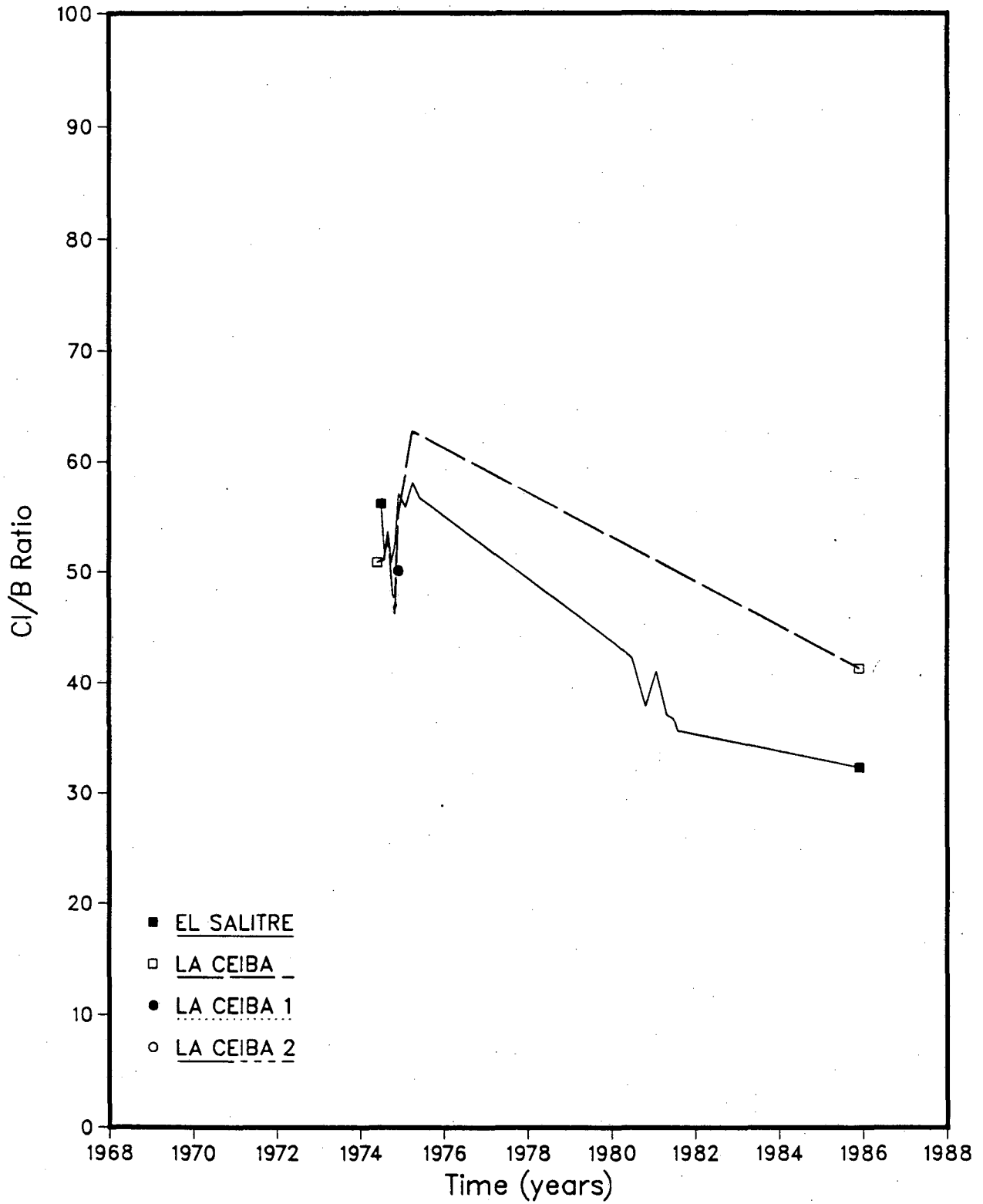
Water Chemistry (SiO₂)



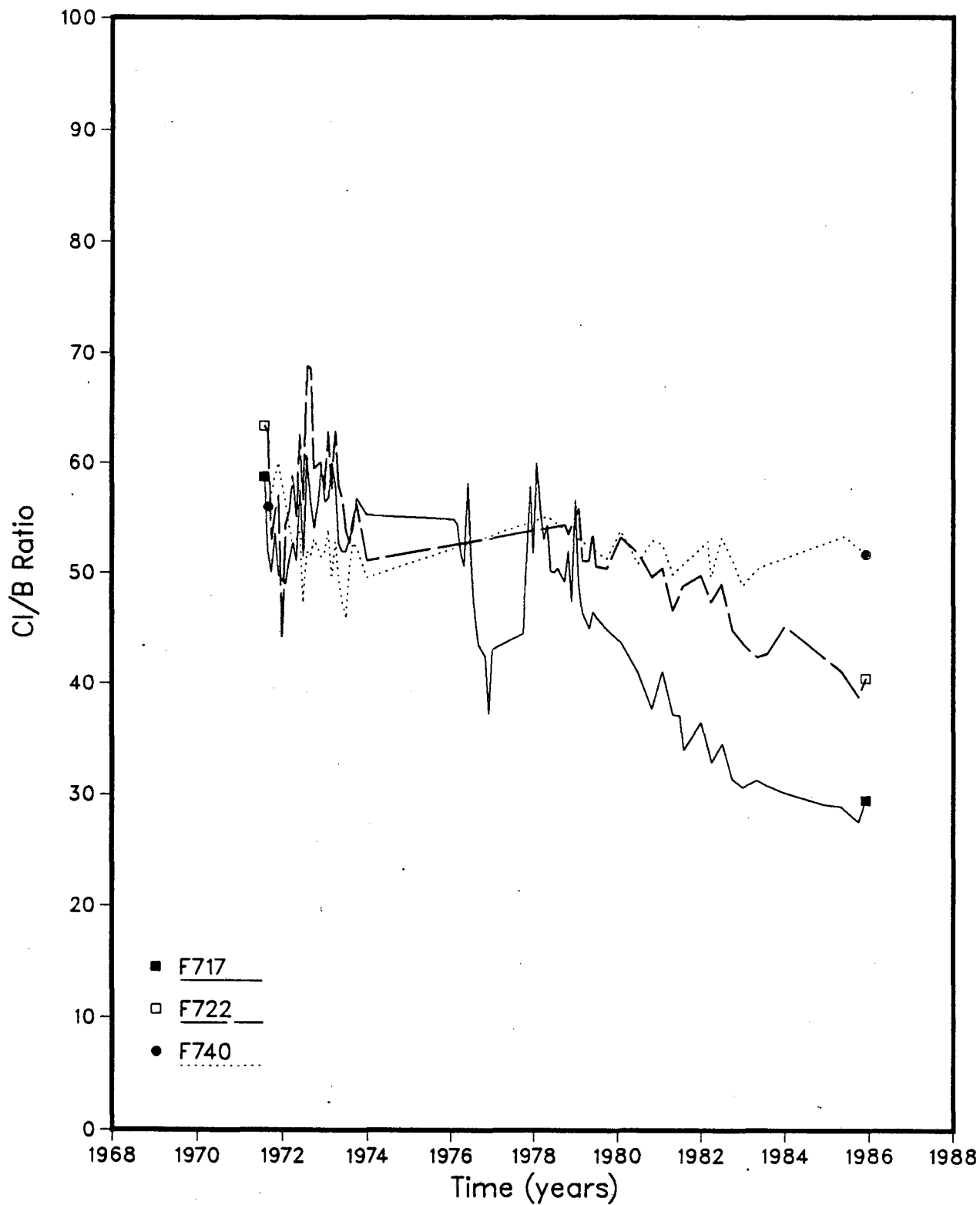
Water Chemistry (SiO₂)



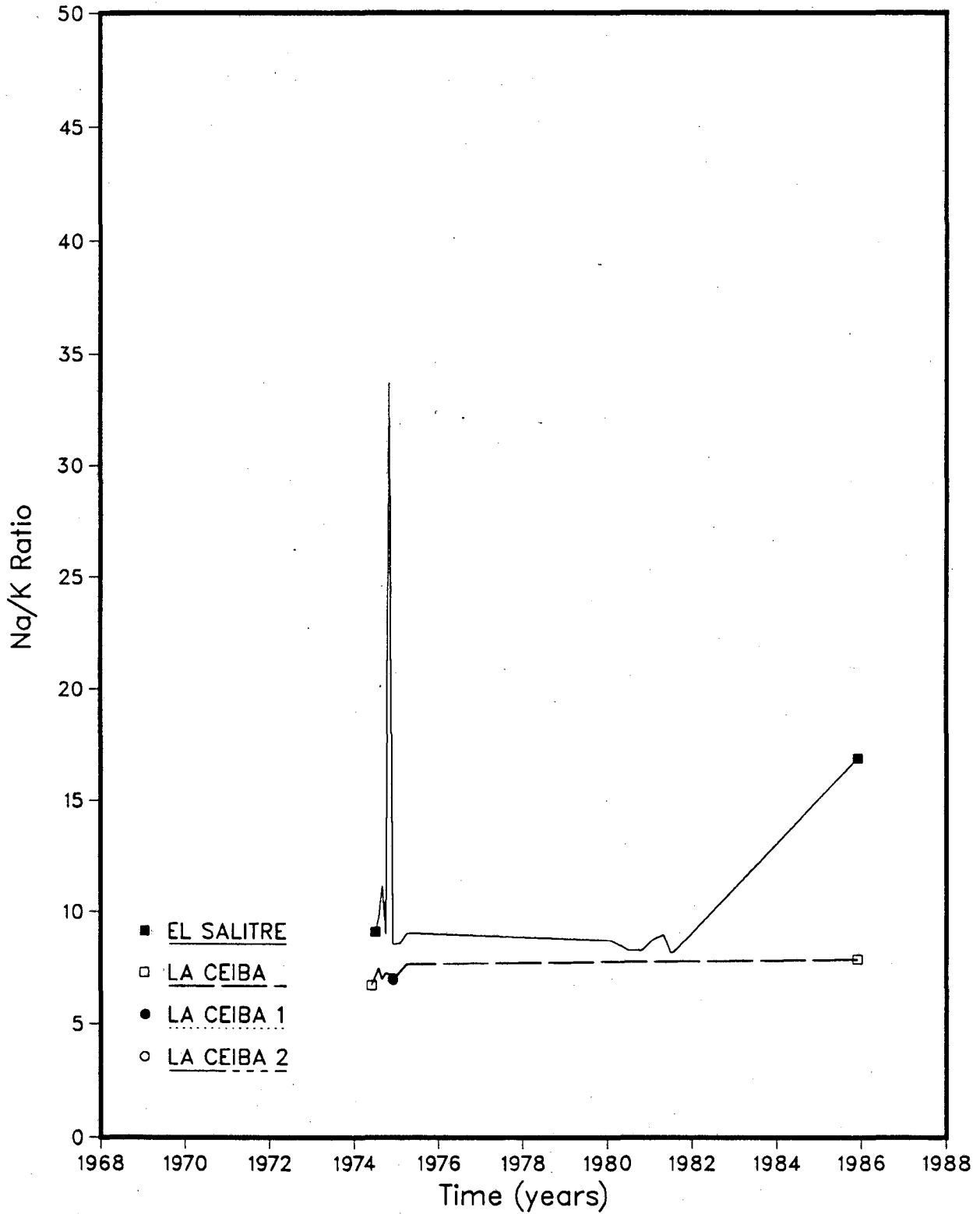
Water Chemistry (Cl/B)



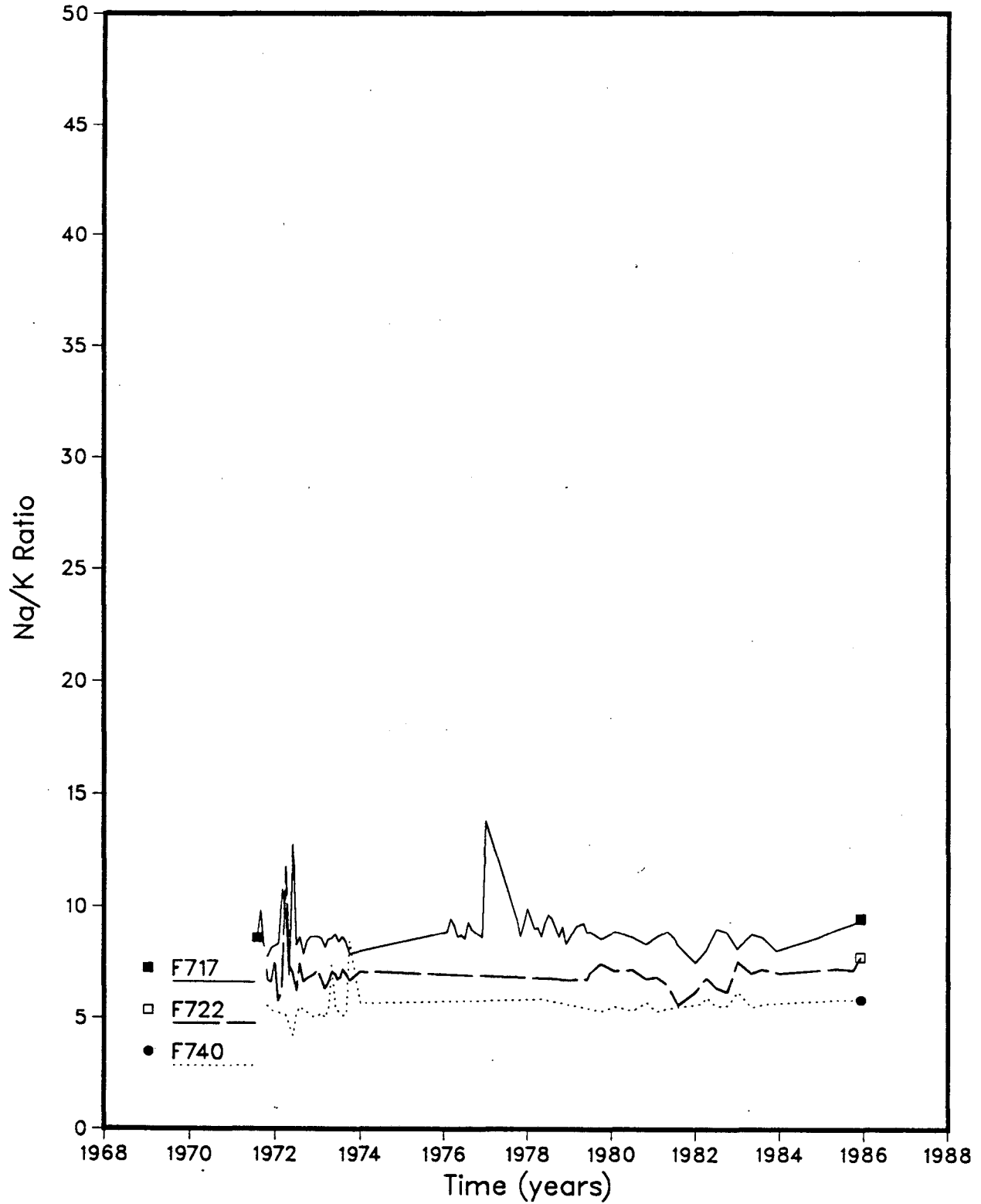
Water Chemistry (Cl/B)



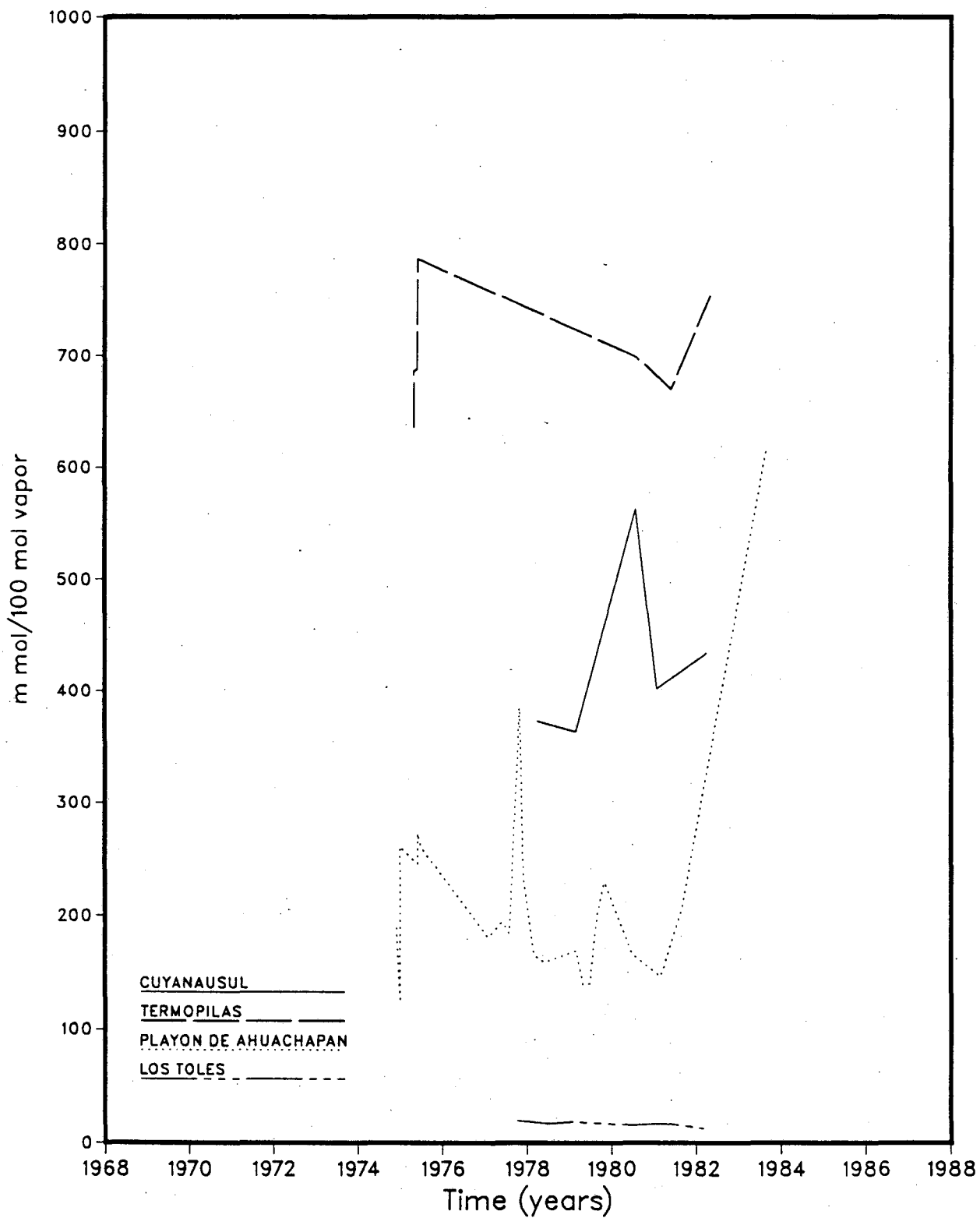
Water Chemistry (Na/K)



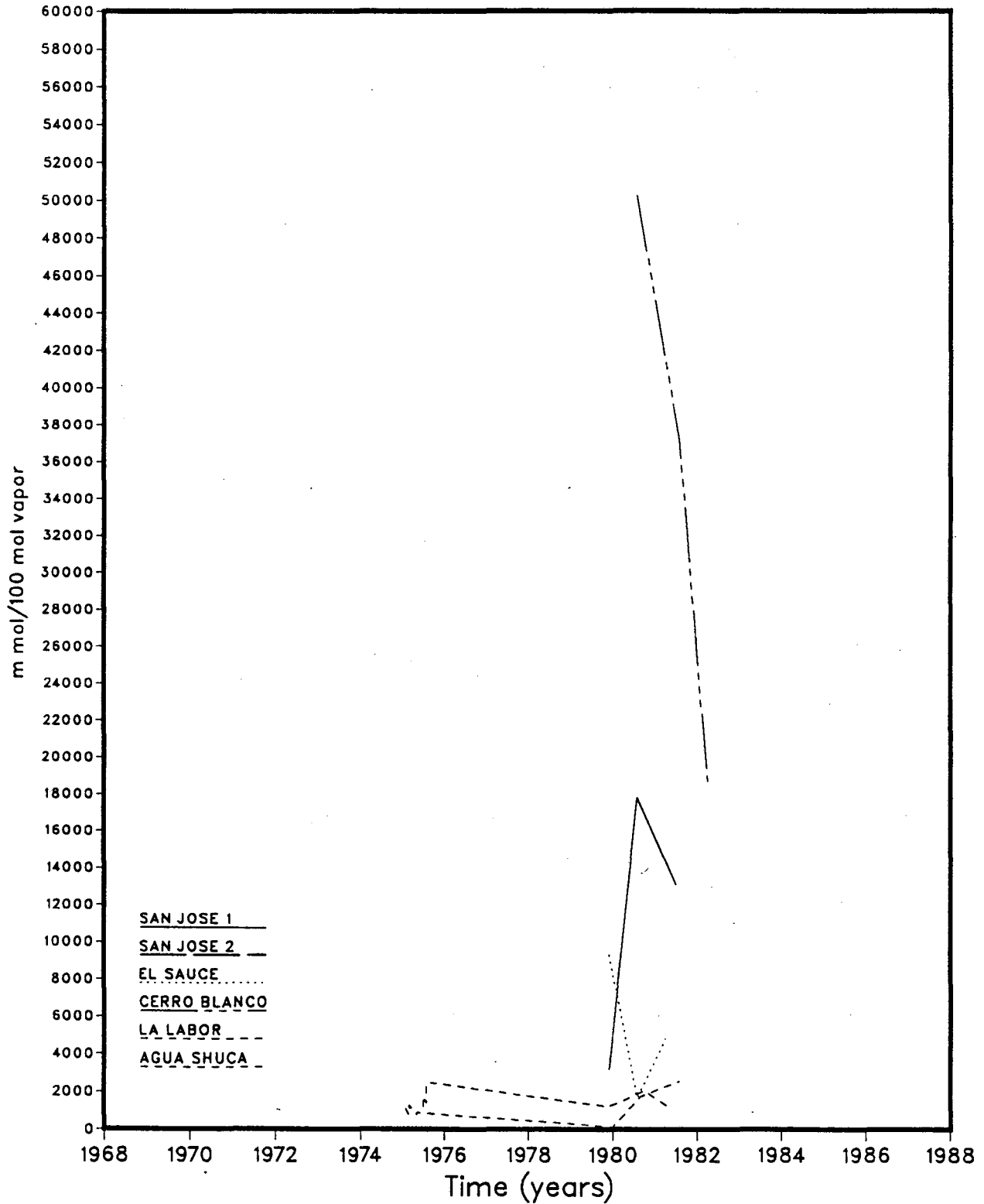
Water Chemistry (Na/K)



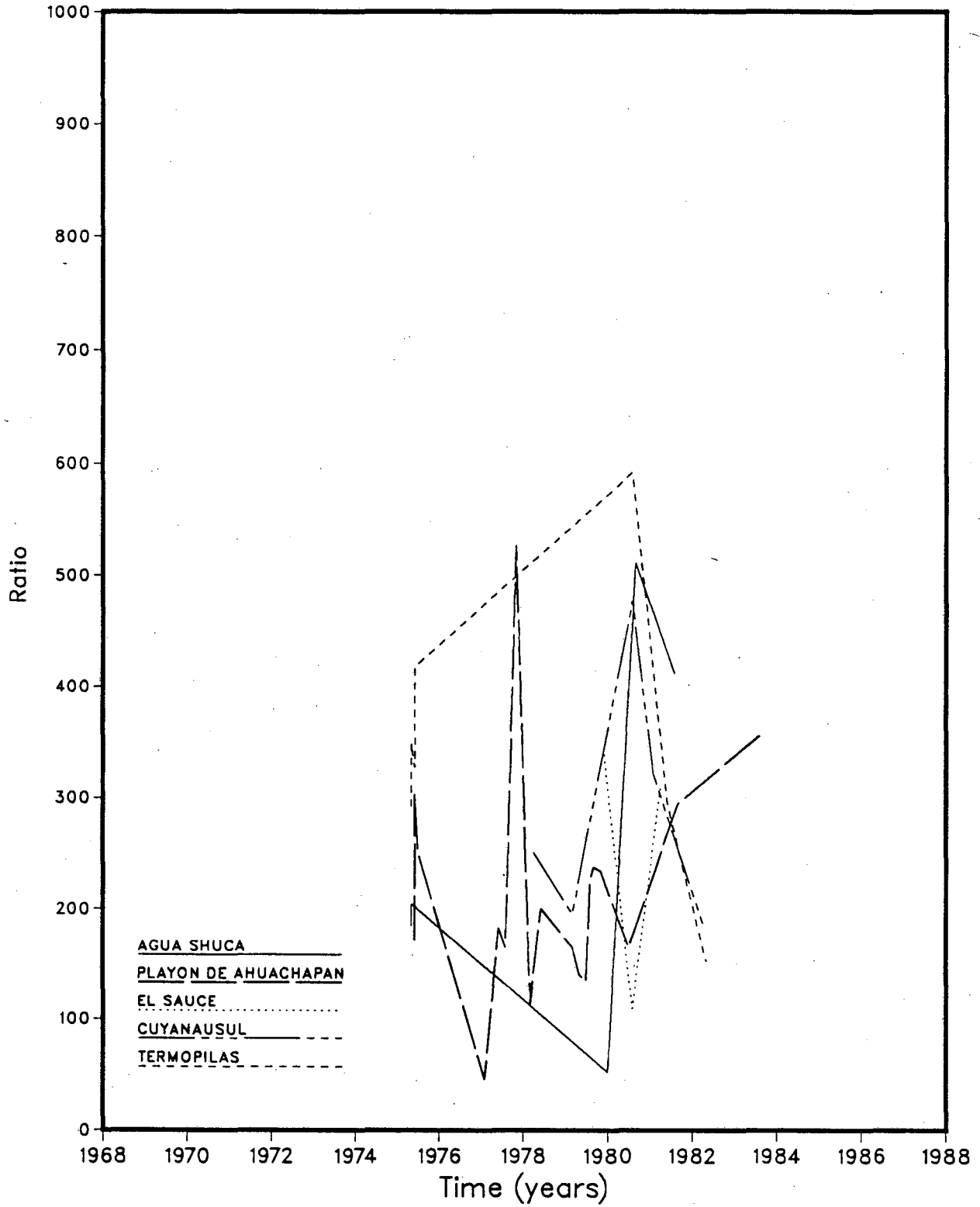
Gas Chemistry (CO₂)



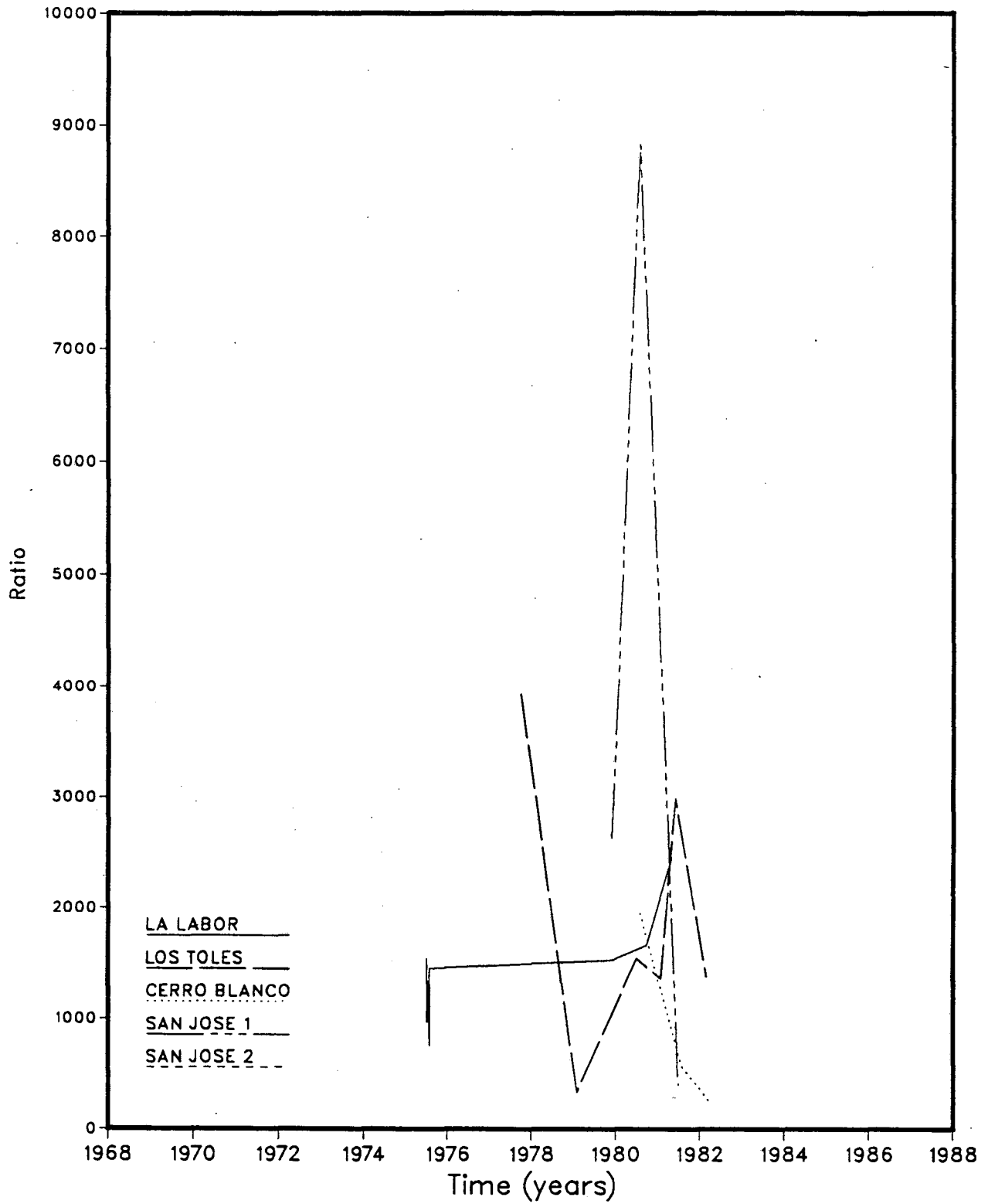
Gas Chemistry (CO₂)



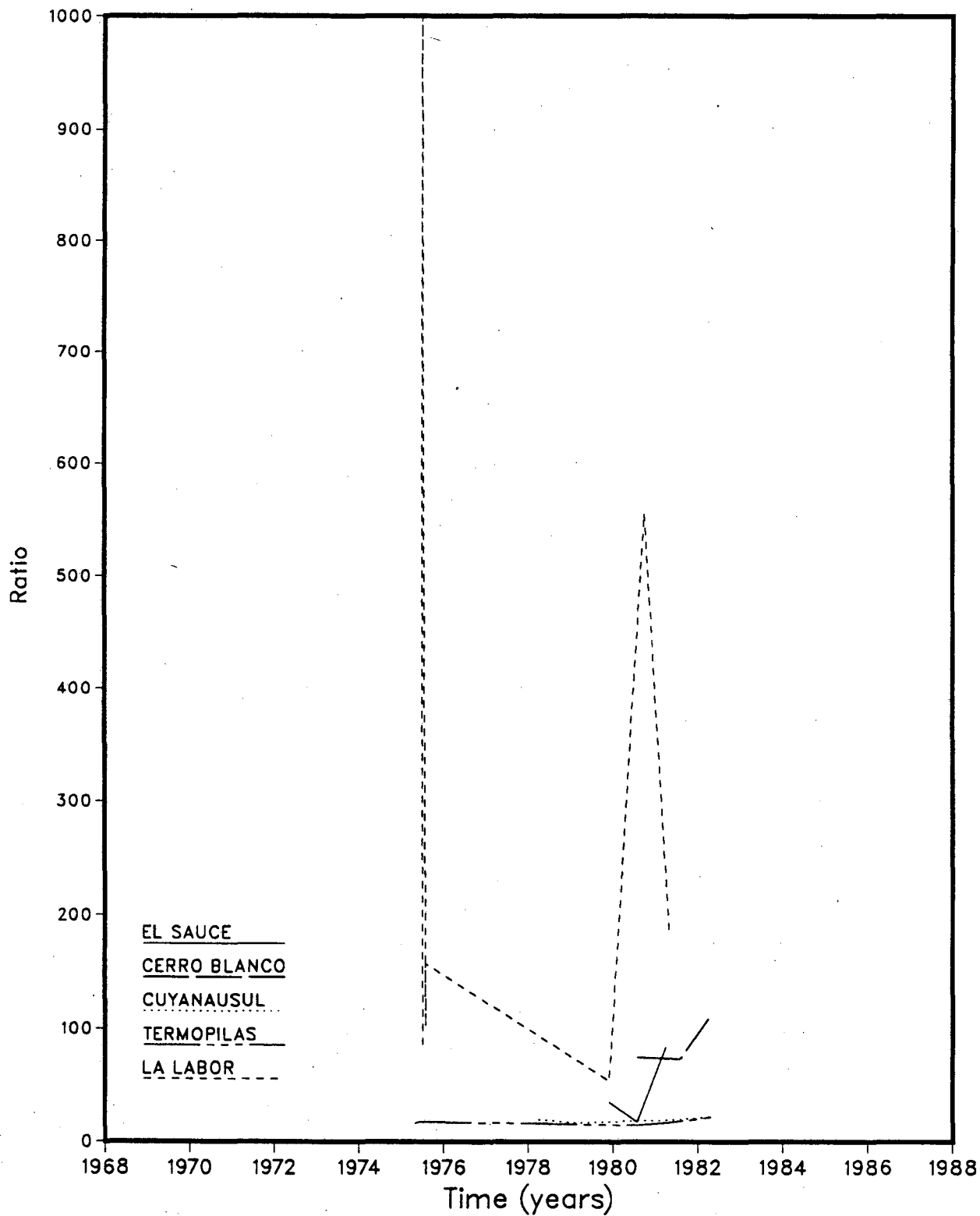
CO₂/H₂ Ratio



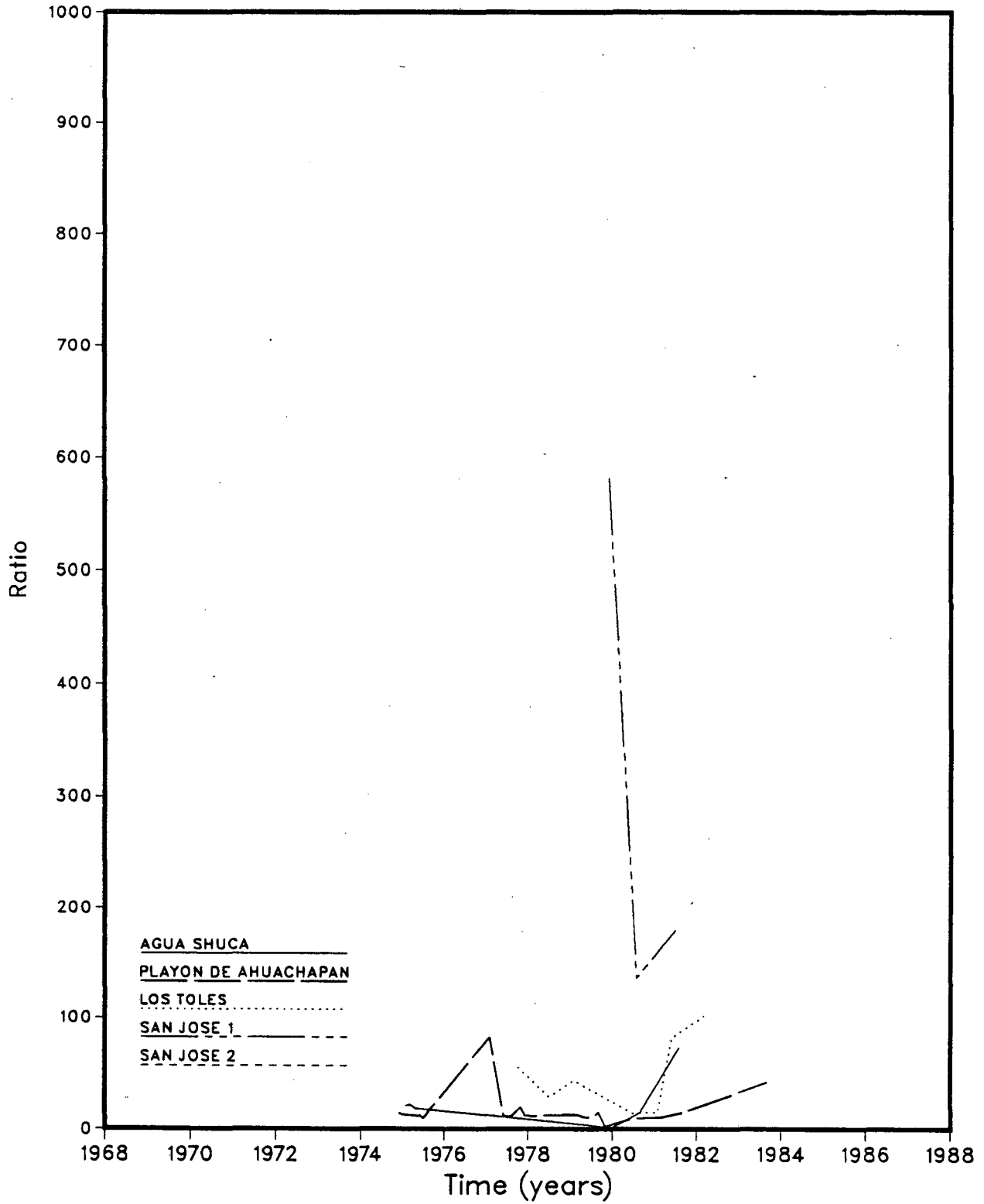
C02/H2 Ratio



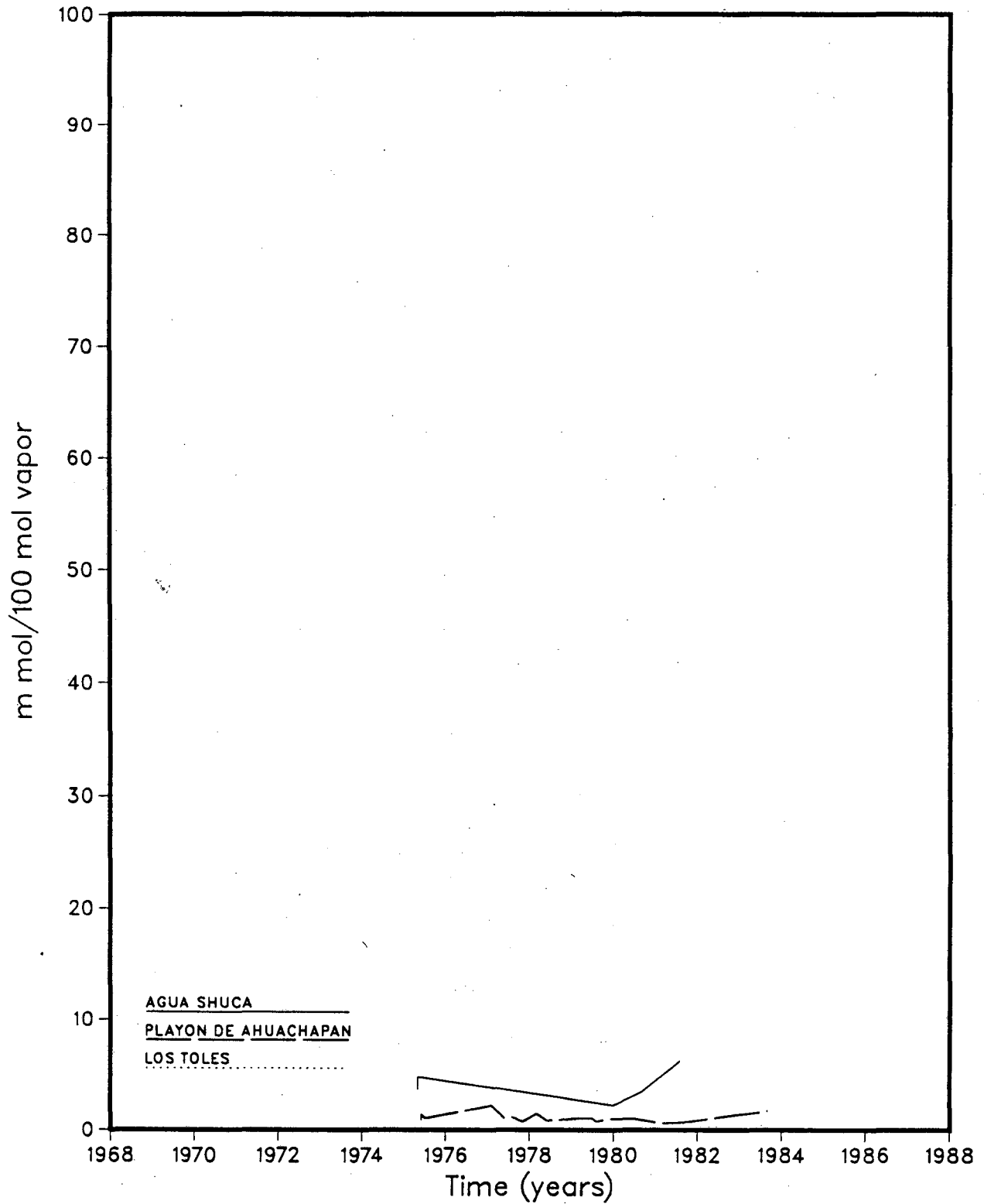
CO₂/H₂S Ratio



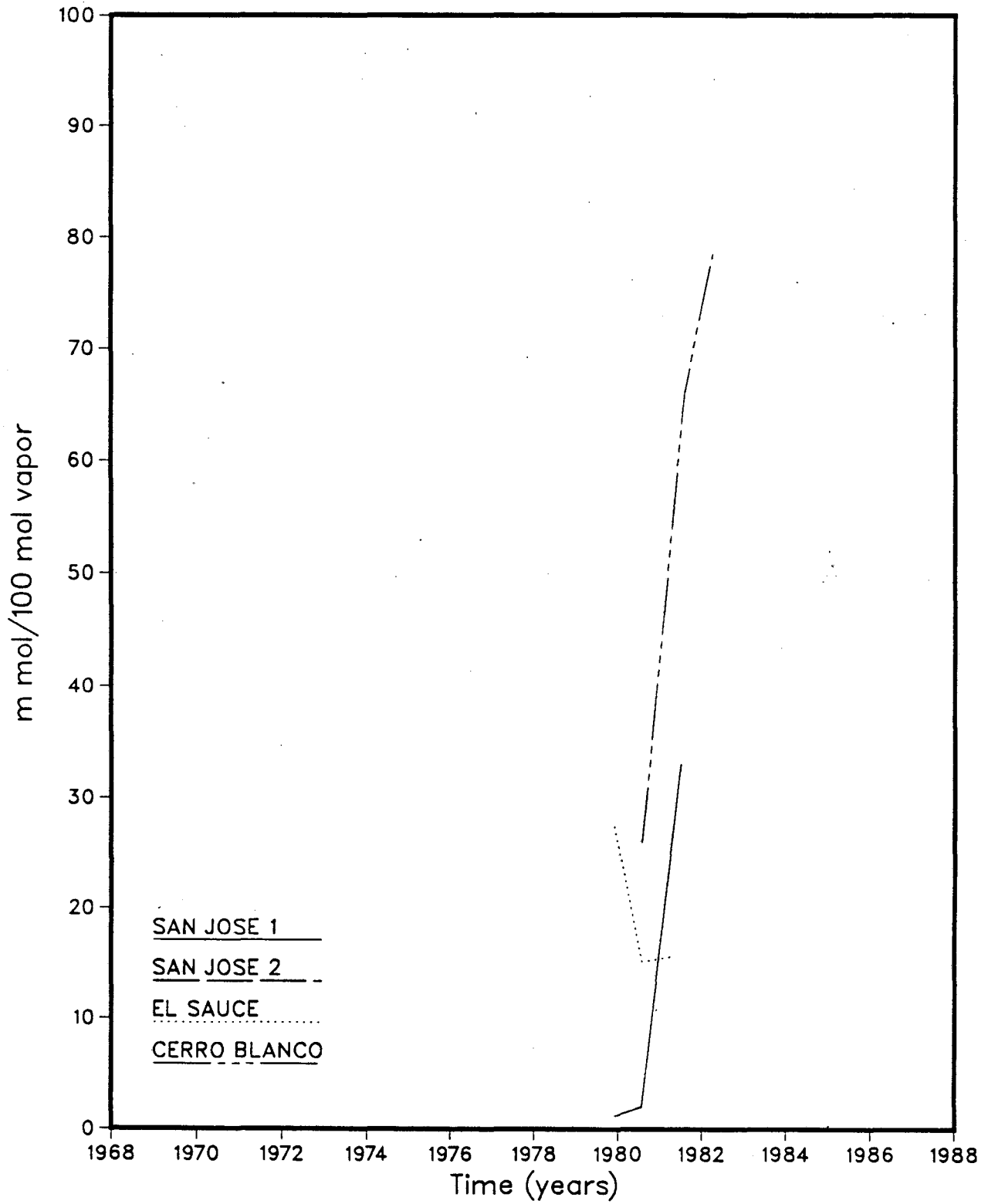
CO₂/H₂S Ratio



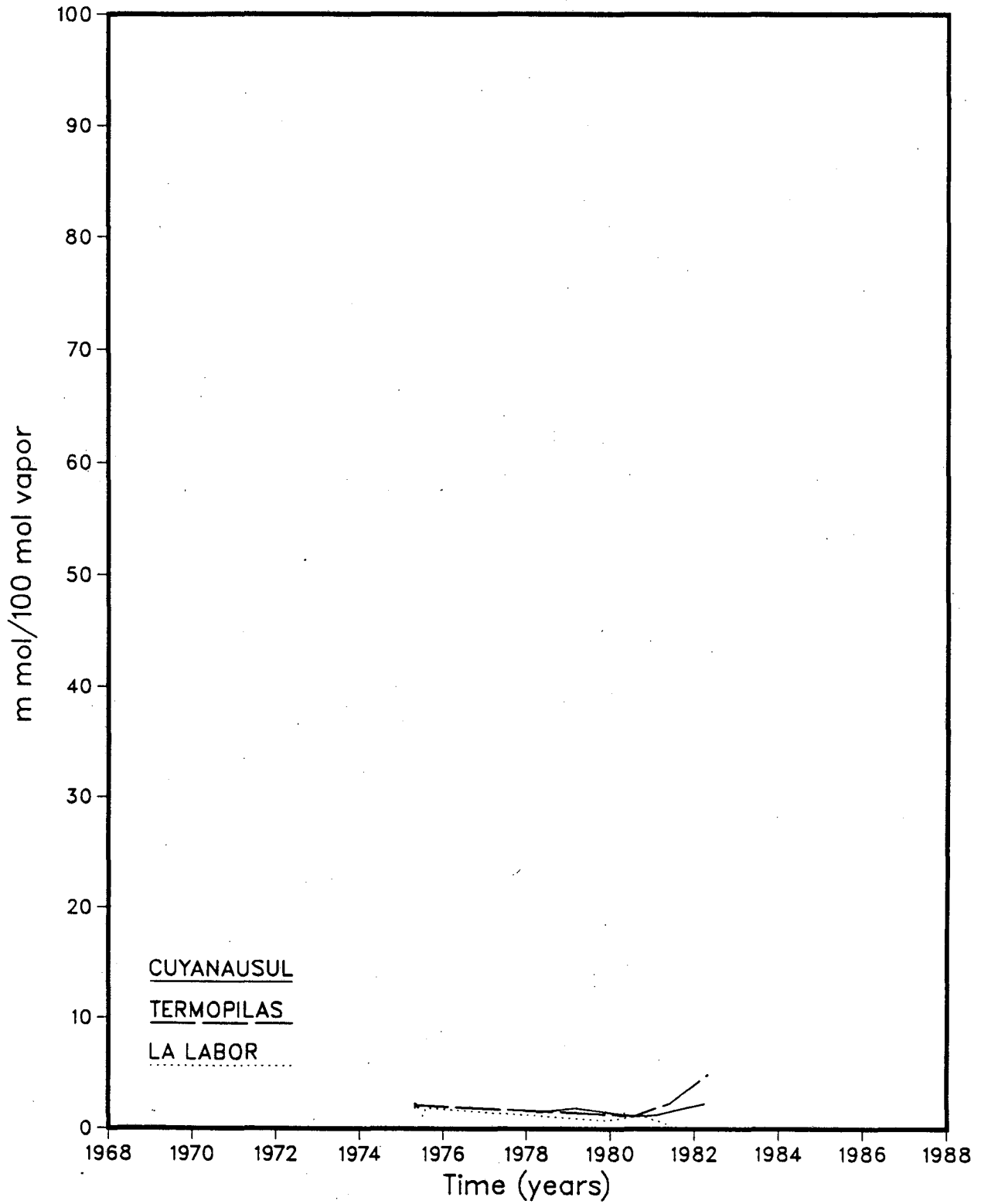
Gas Chemistry (H₂)



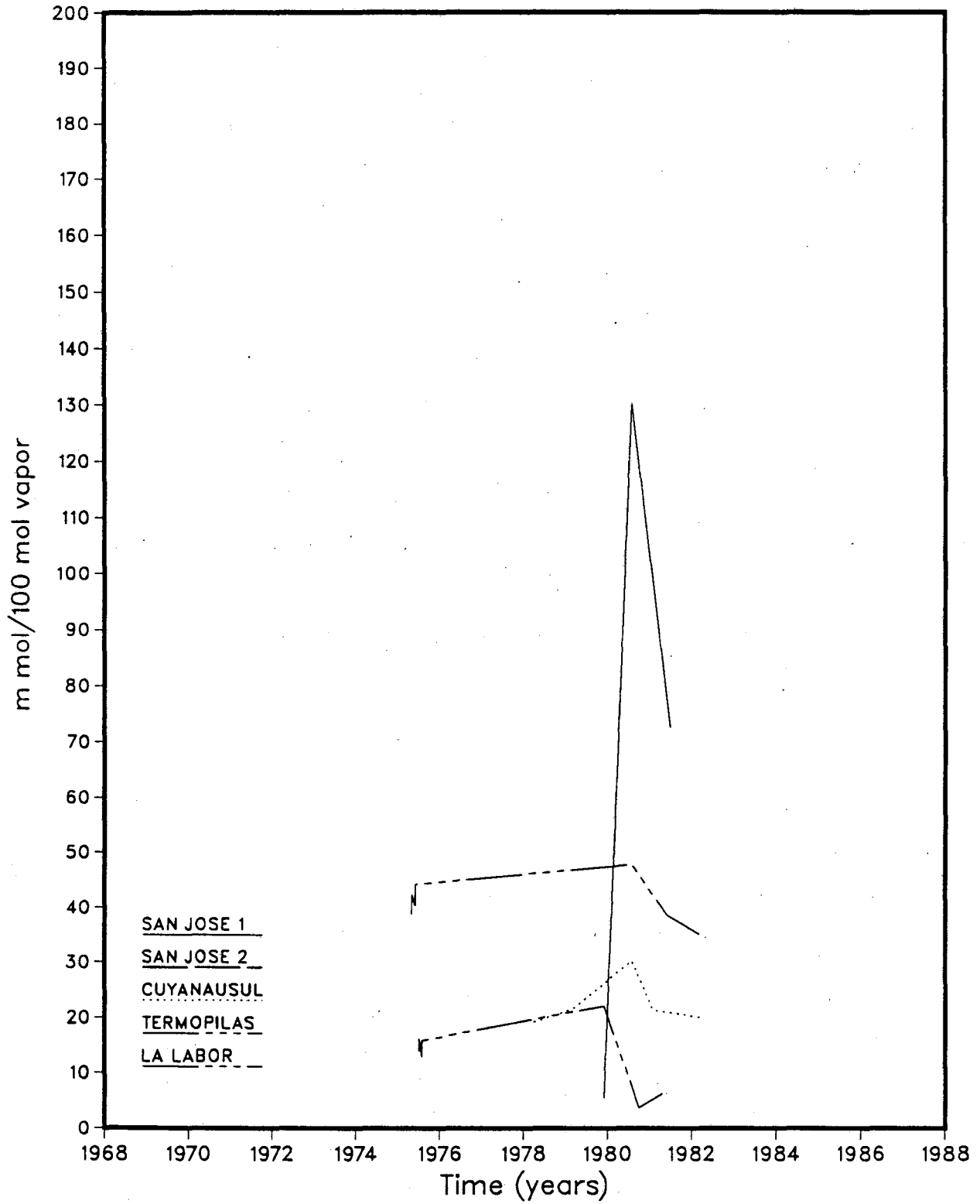
Gas Chemistry (H₂)



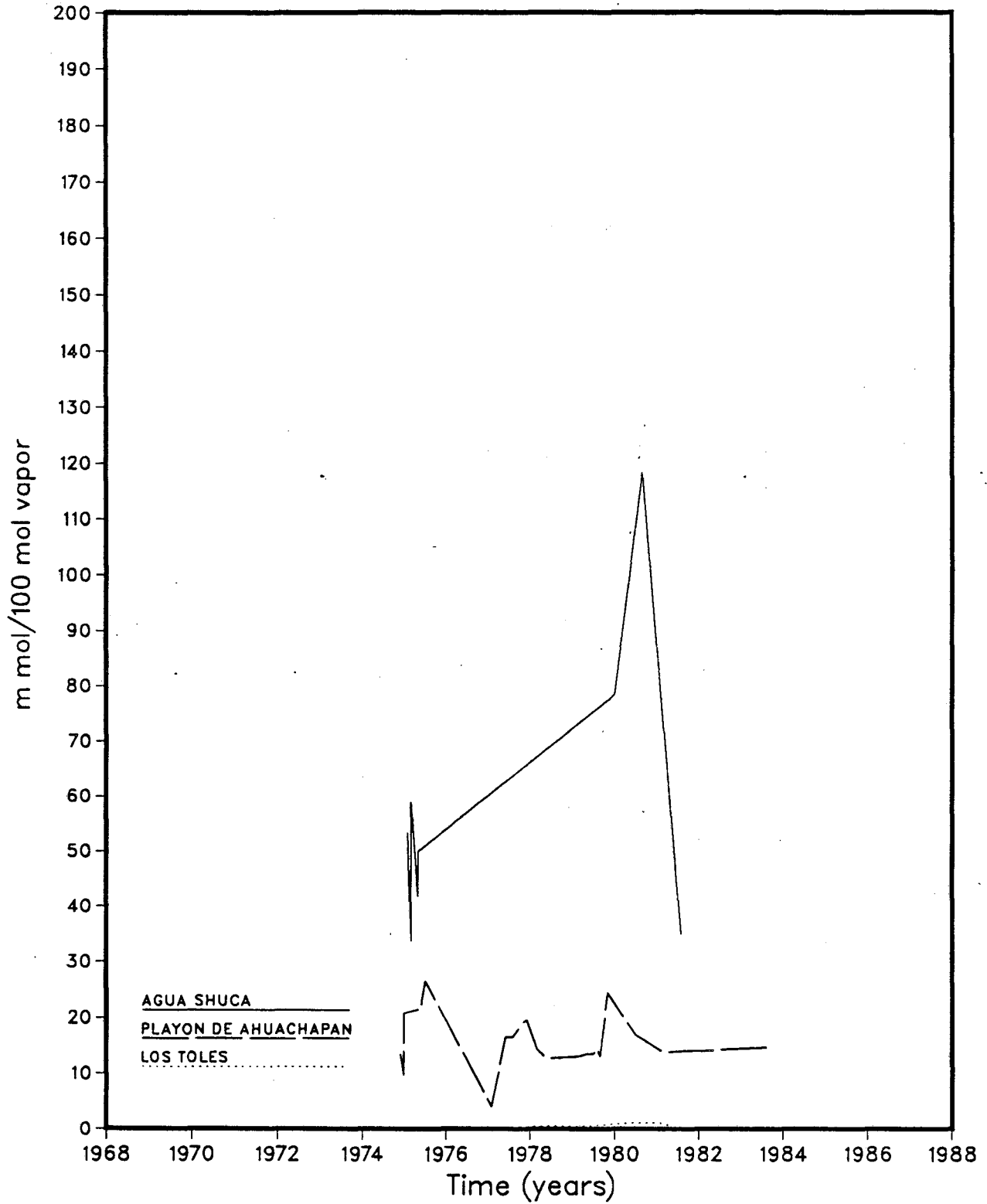
Gas Chemistry (H2)



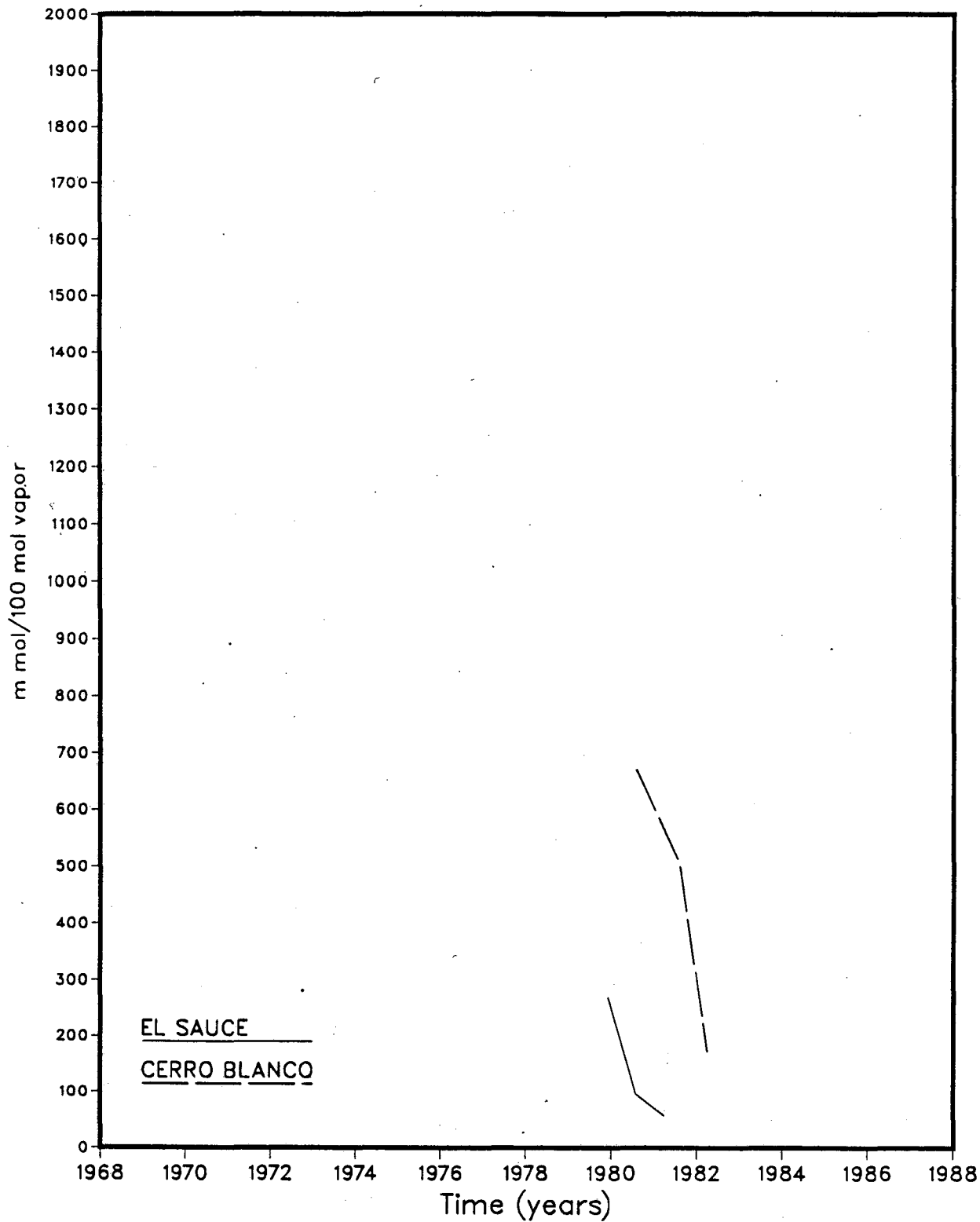
Gas Chemistry (H₂S)



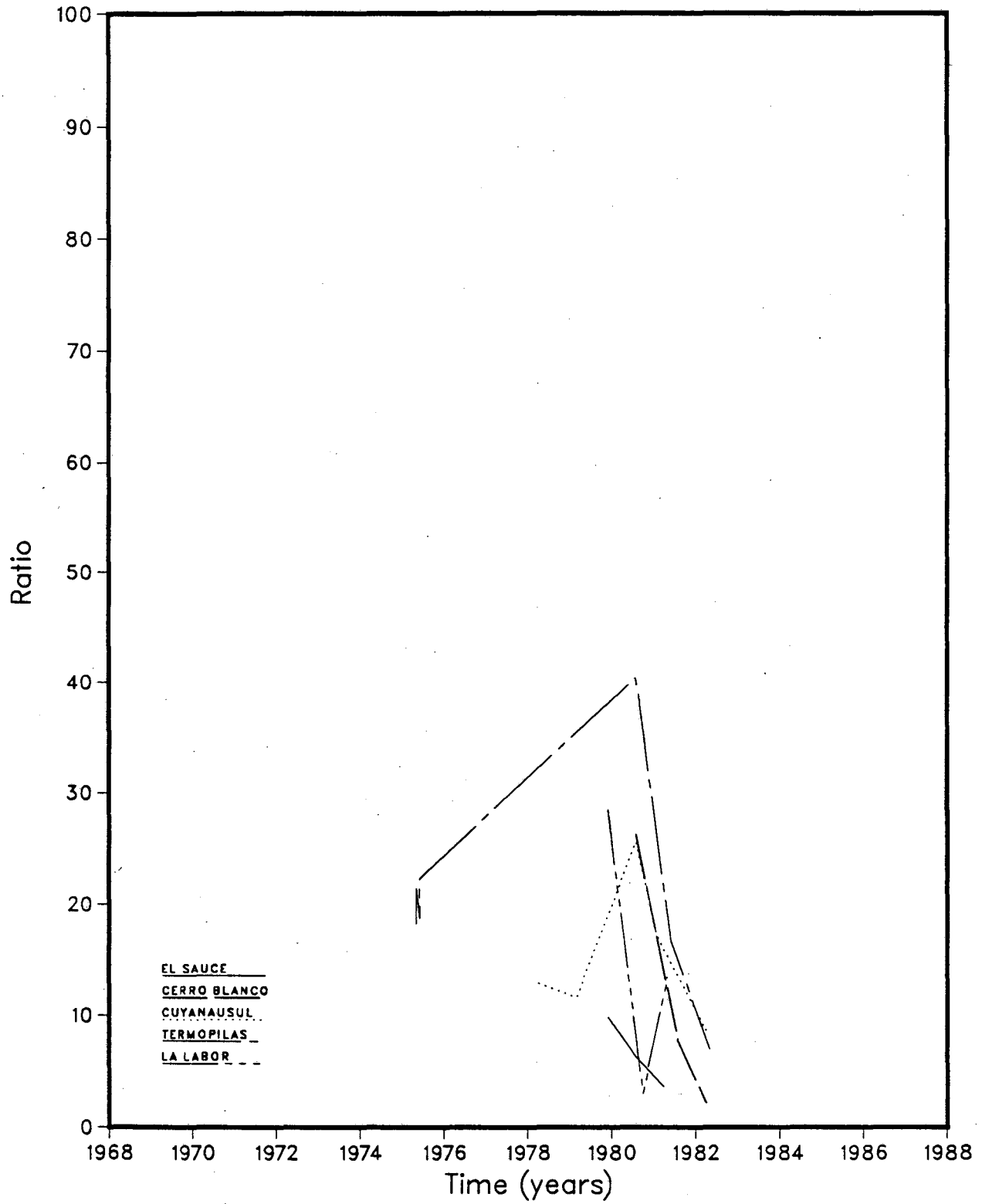
Gas Chemistry (H₂S)



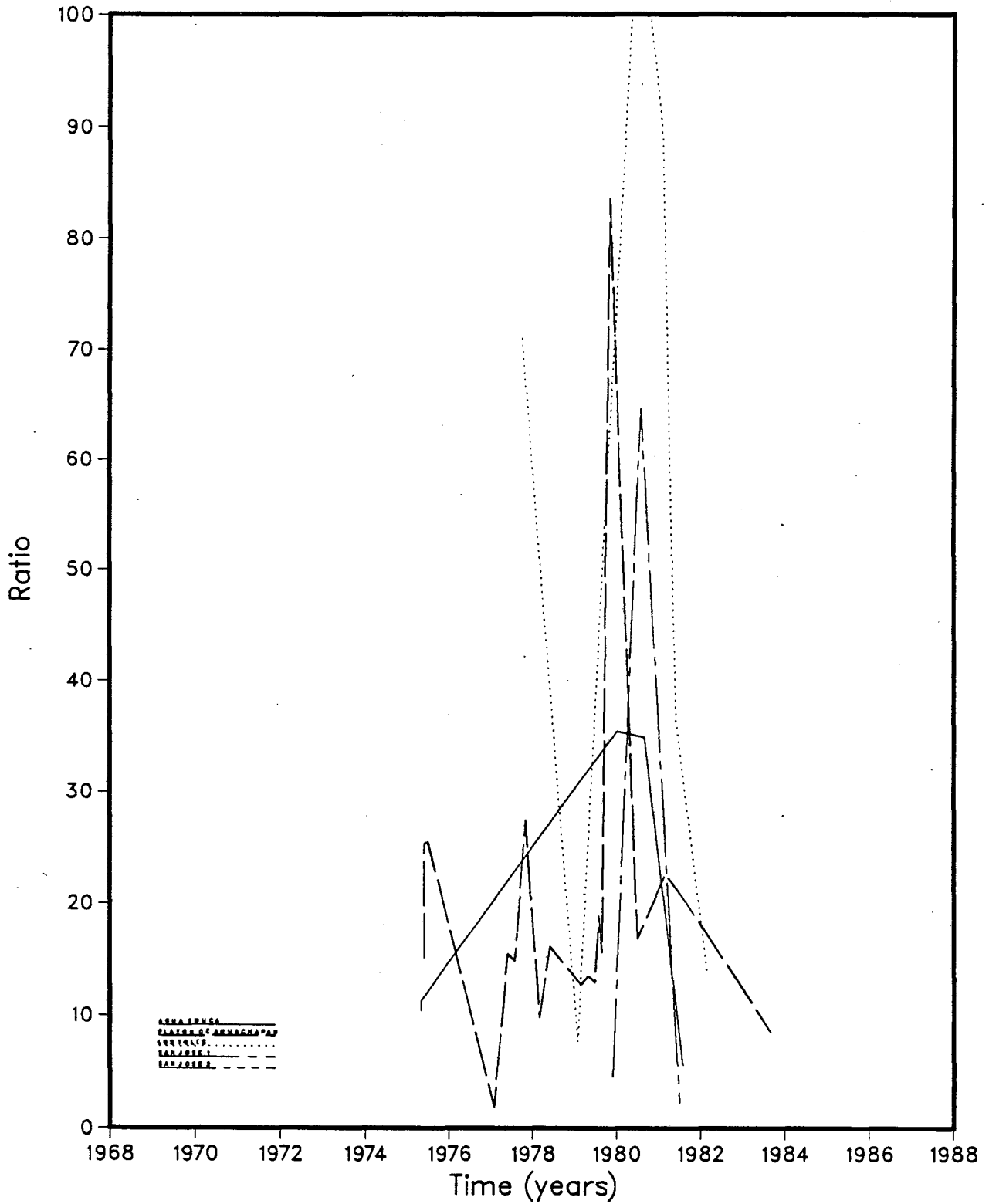
Gas Chemistry (H₂S)



H₂S/H₂ Ratio



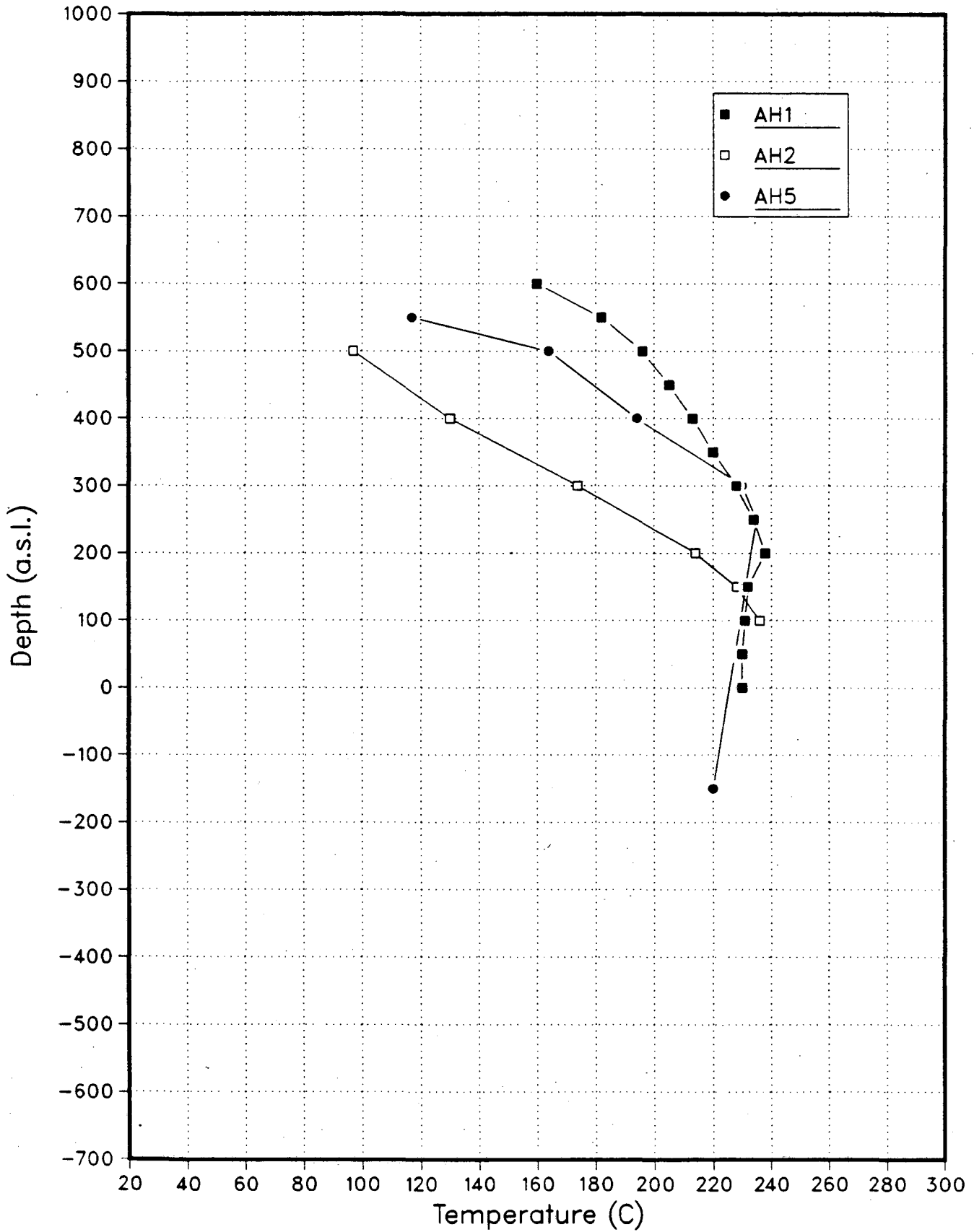
H₂S/H₂ Ratio



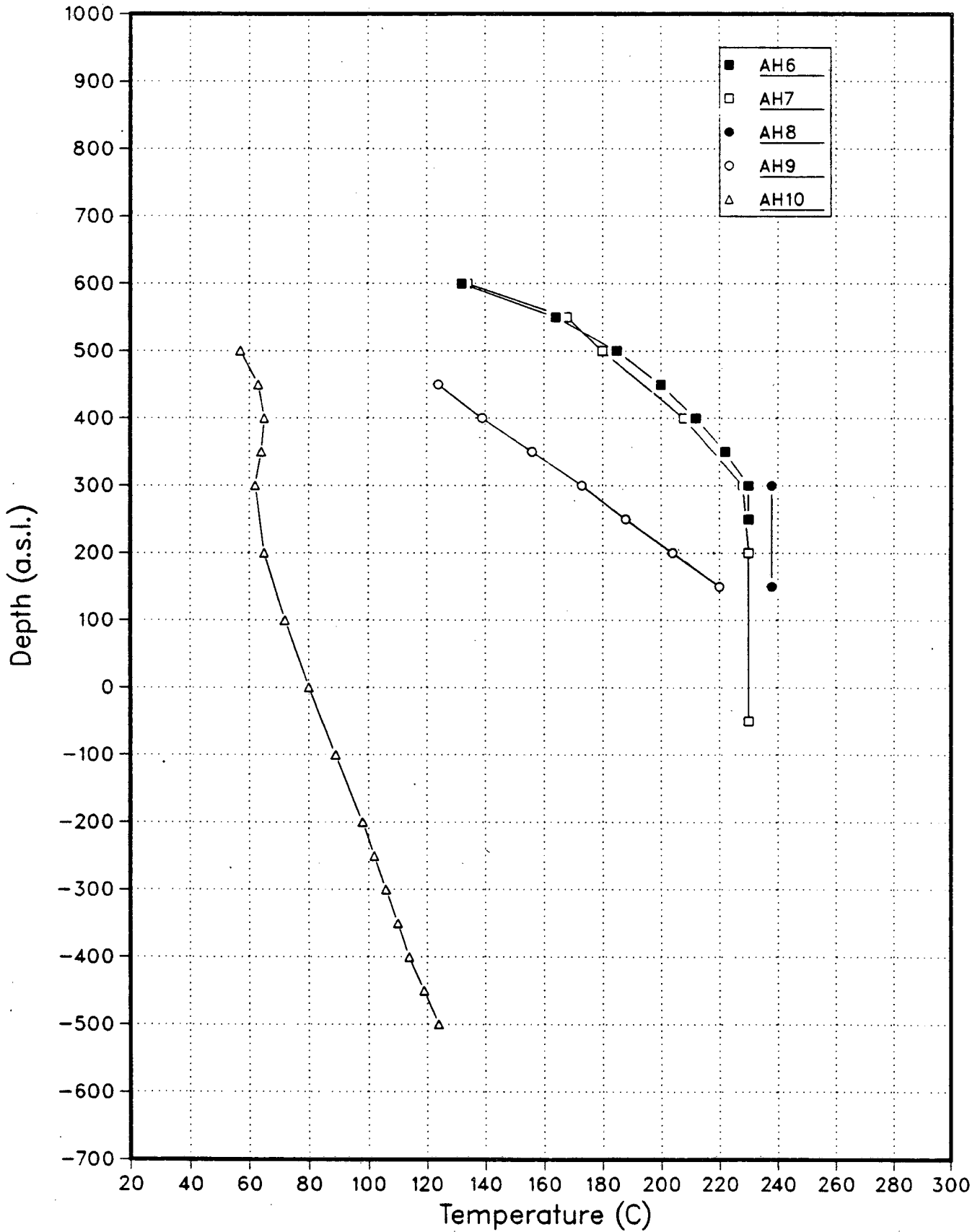
APPENDIX H

(Production Data)

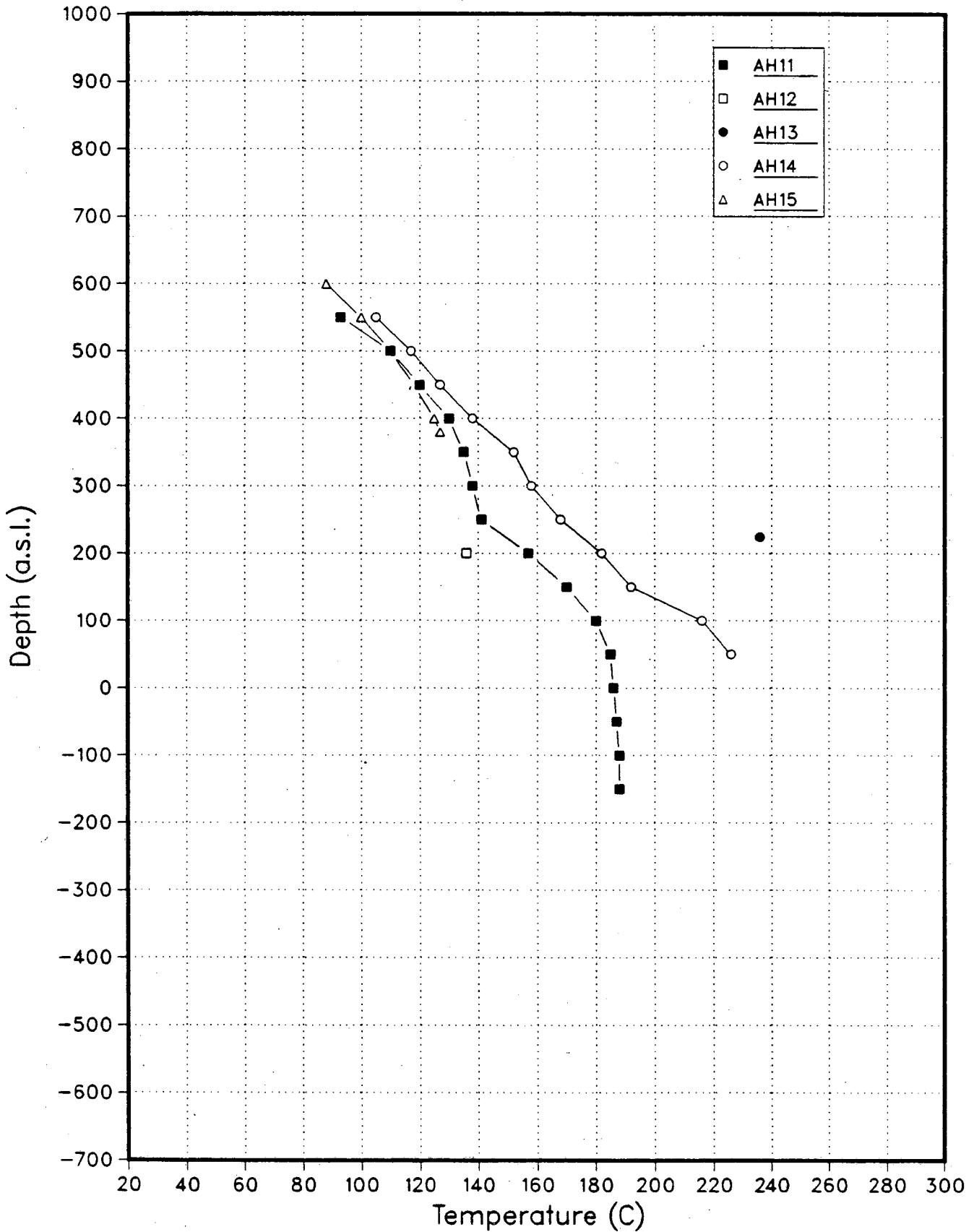
Stable Temperature Profile



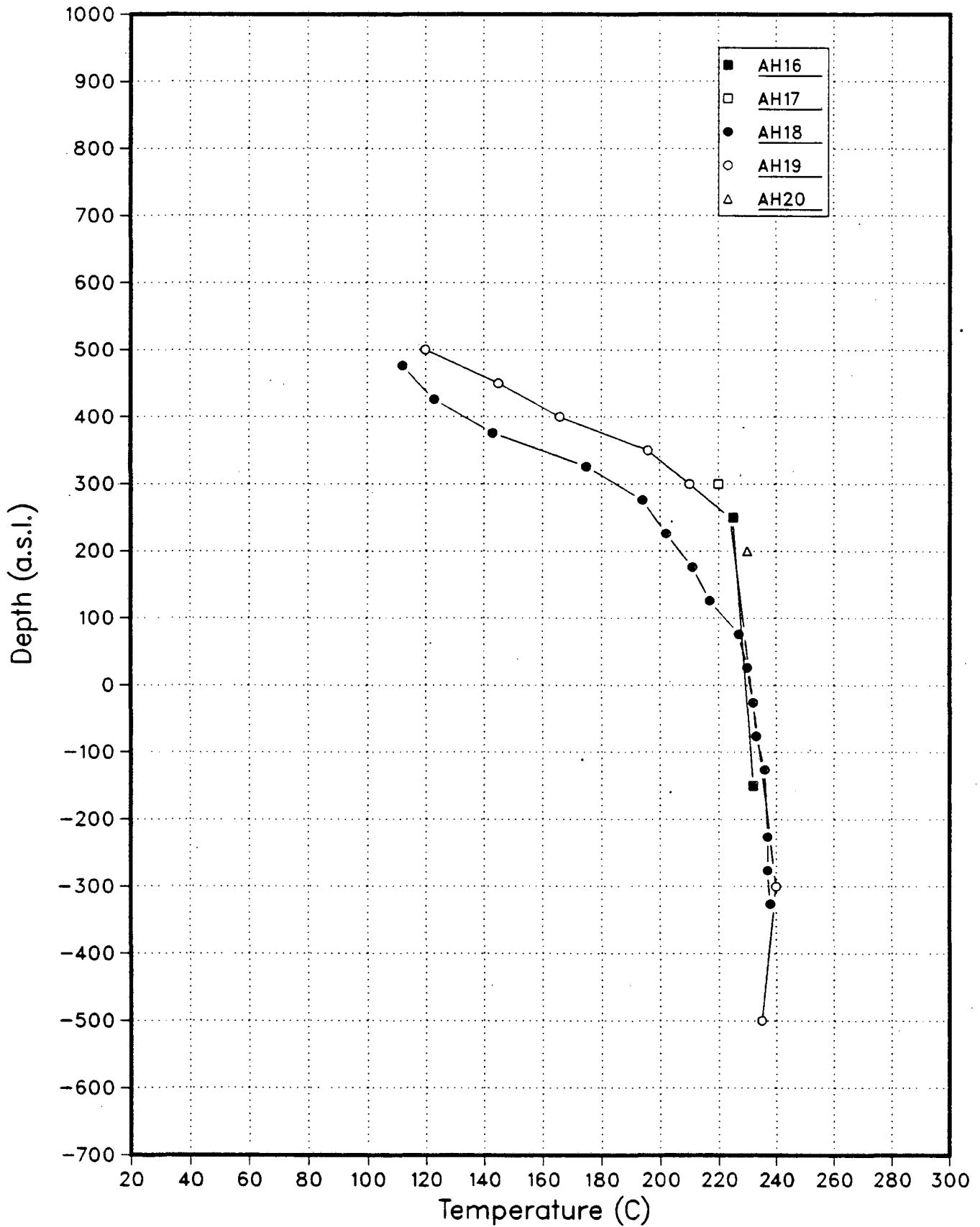
Stable Temperature Profile



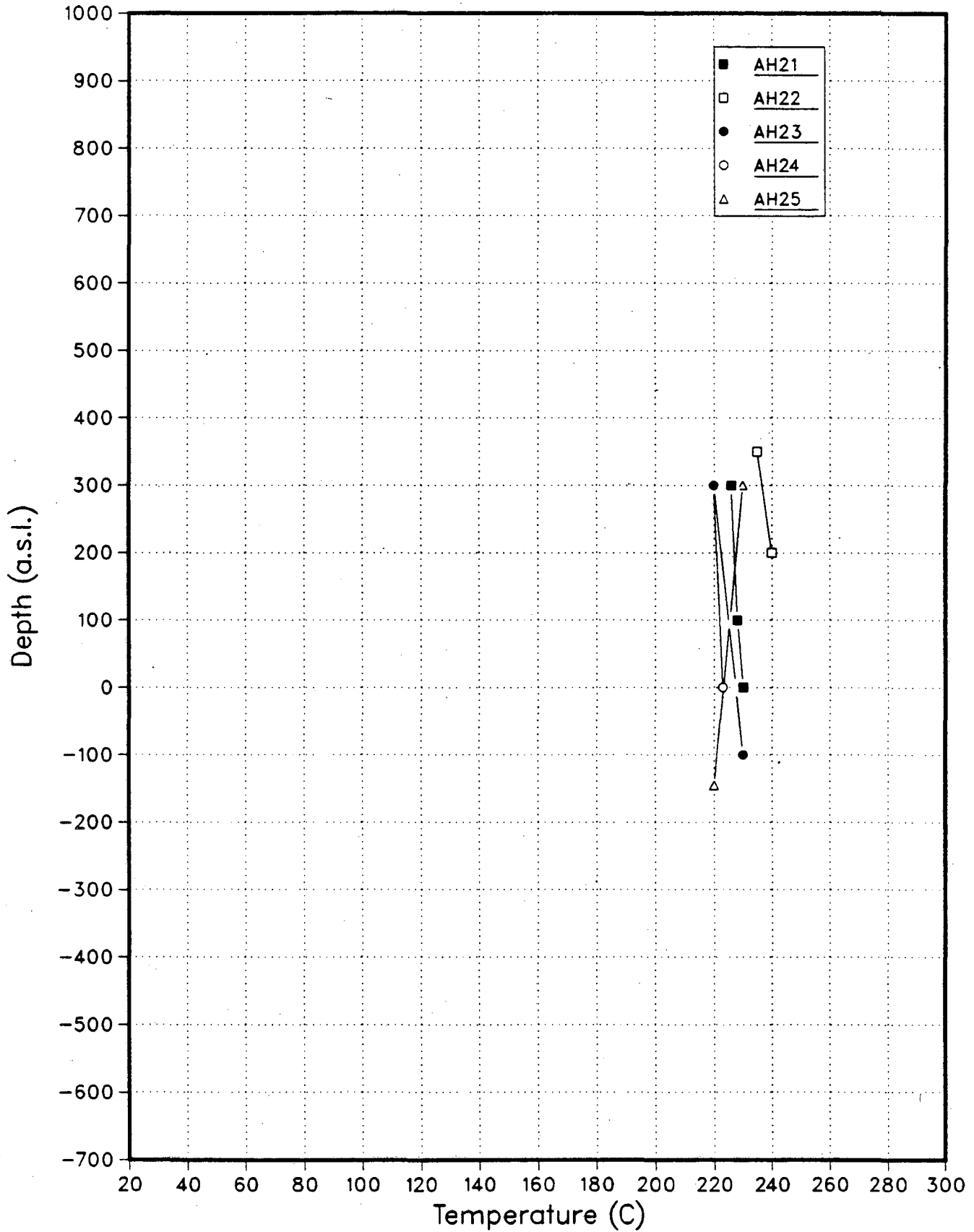
Stable Temperature Profile



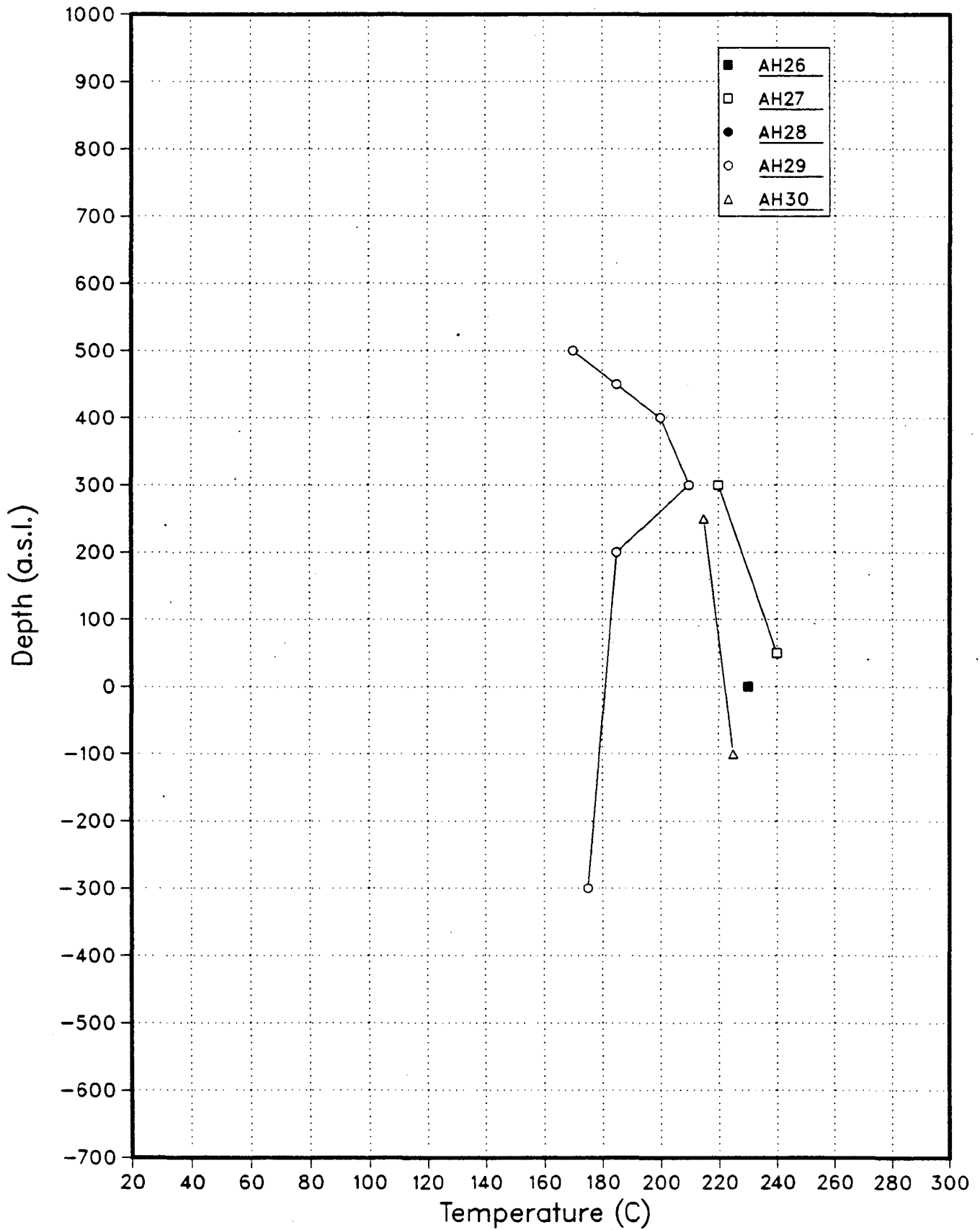
Stable Temperature Profile



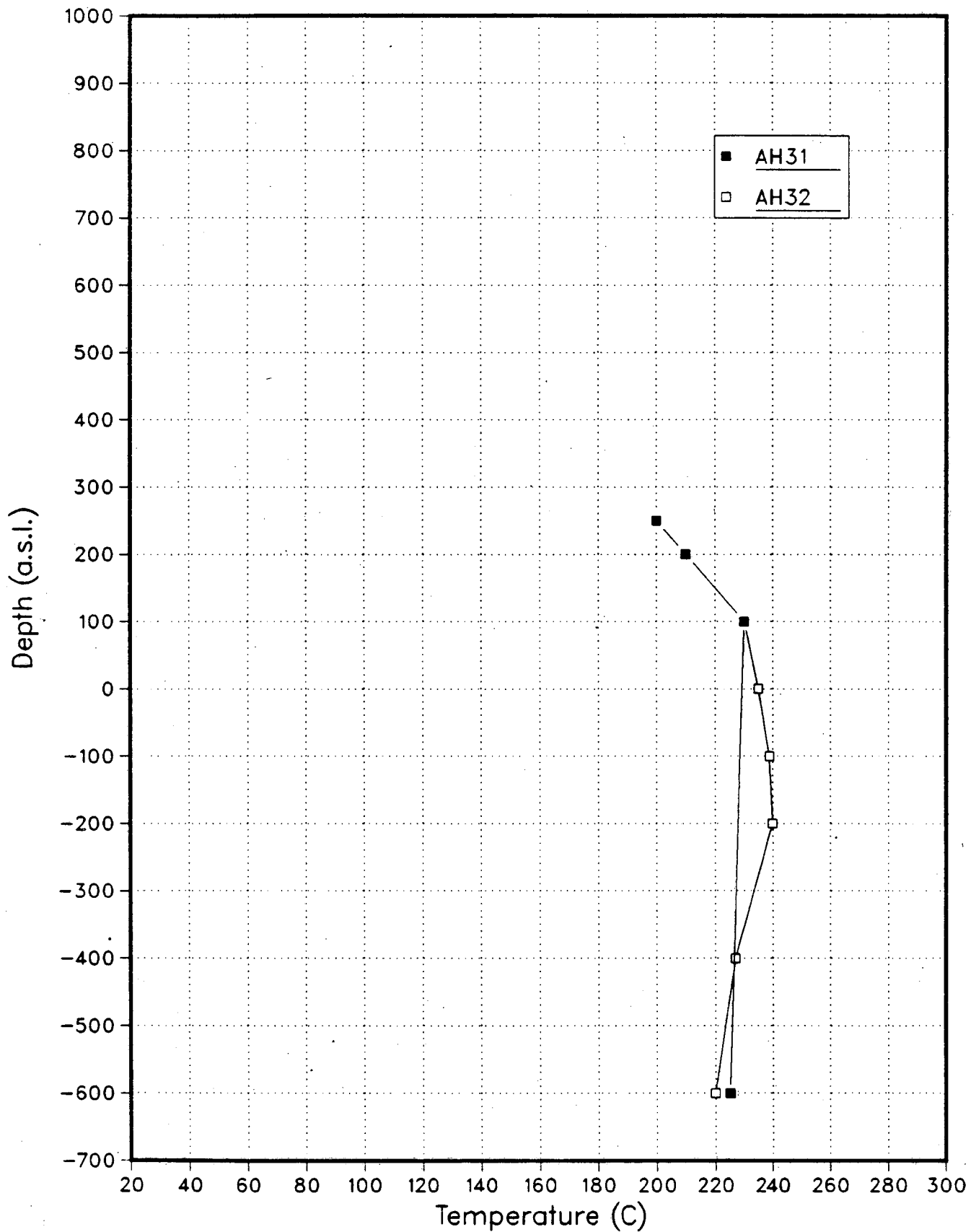
Stable Temperature Profile



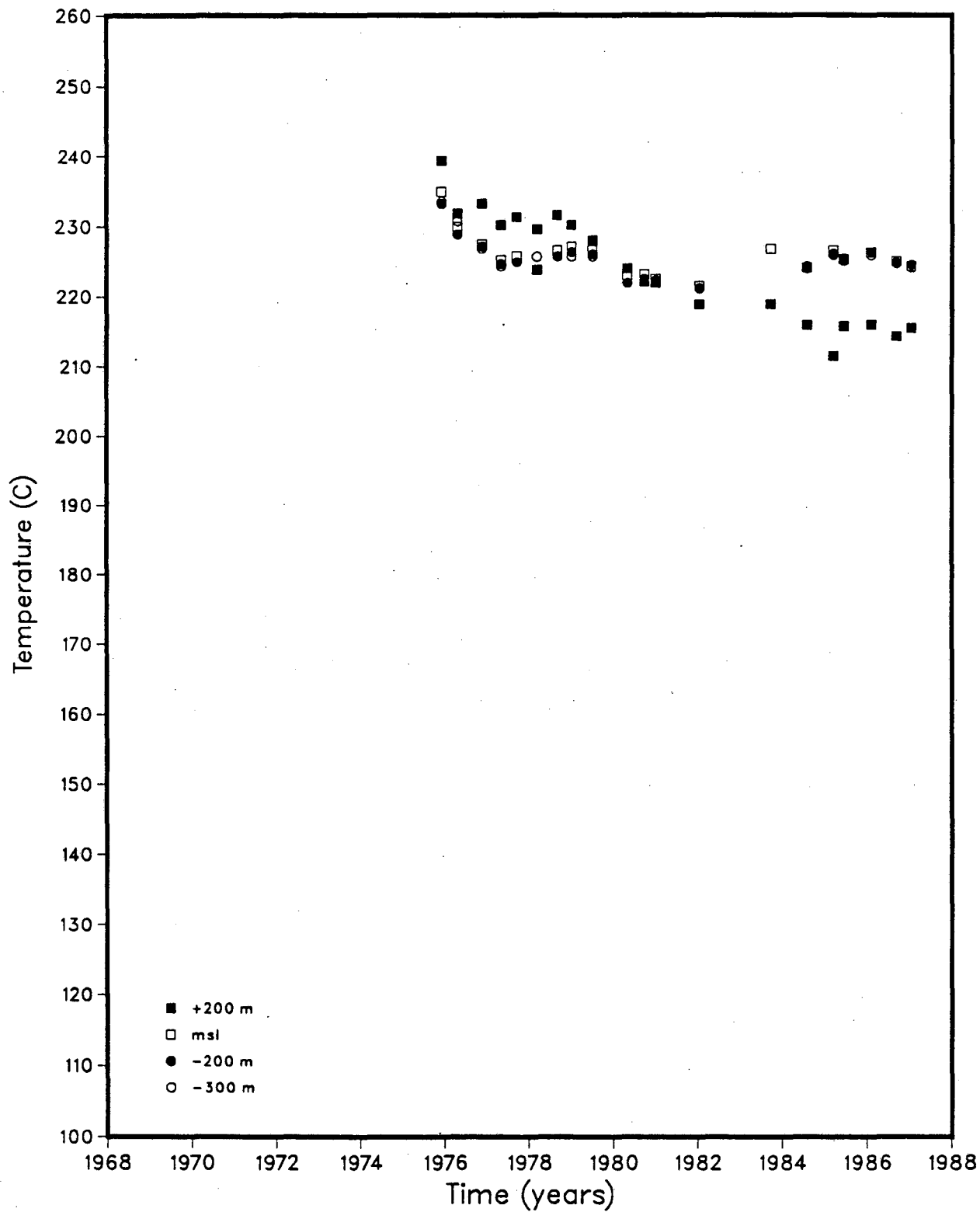
Stable Temperature Profile



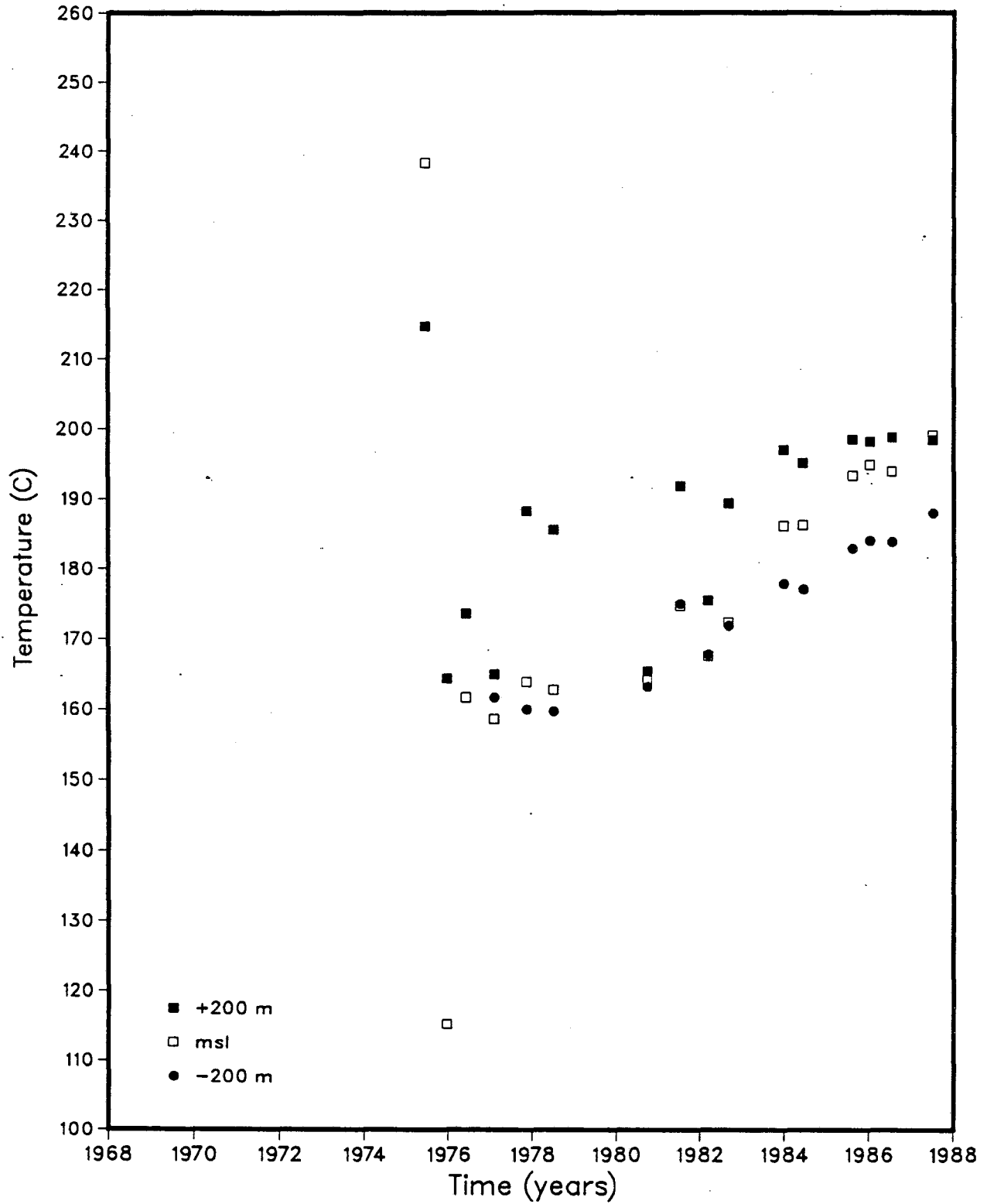
Stable Temperature Profile



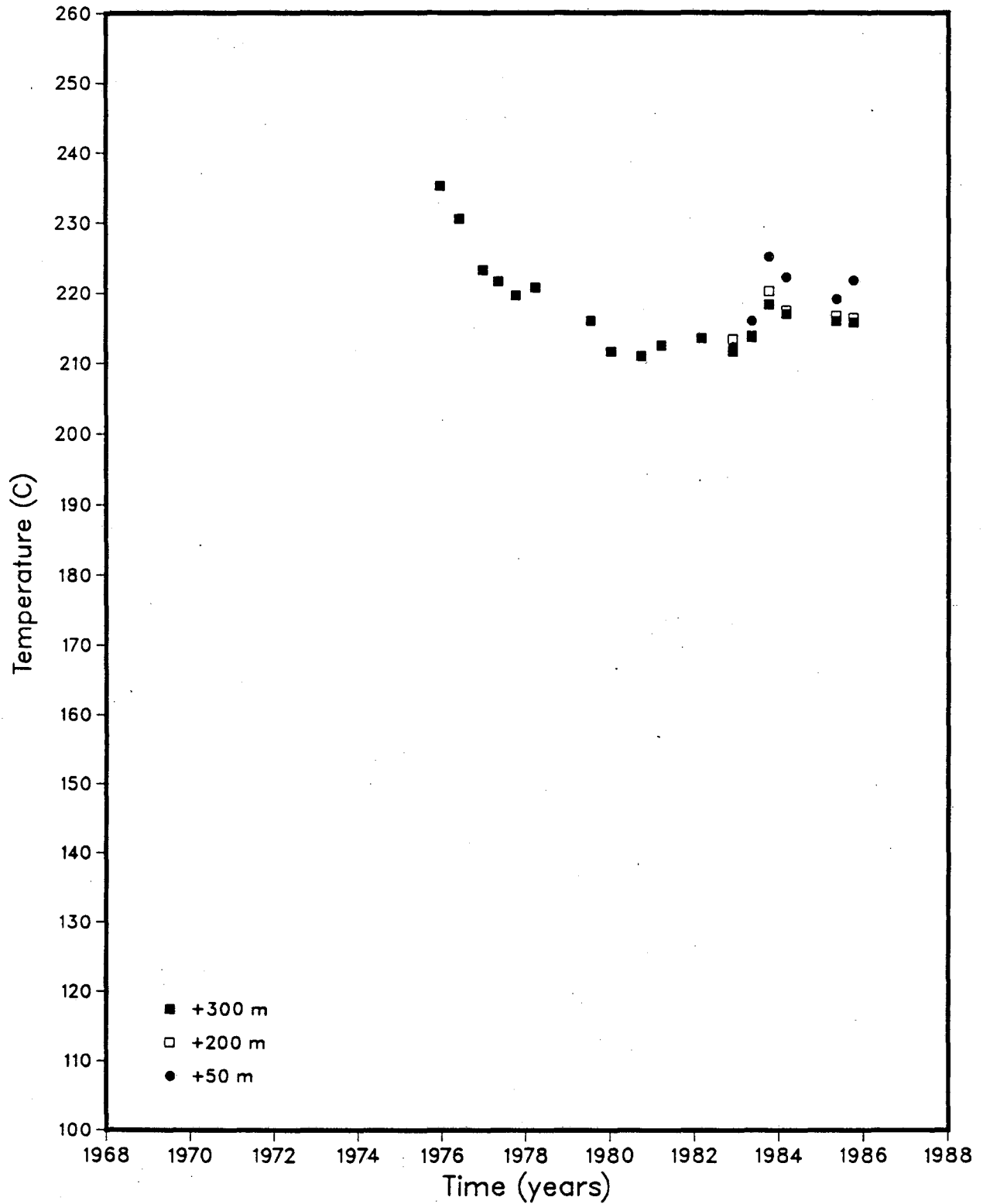
AH1 Temperature Trend



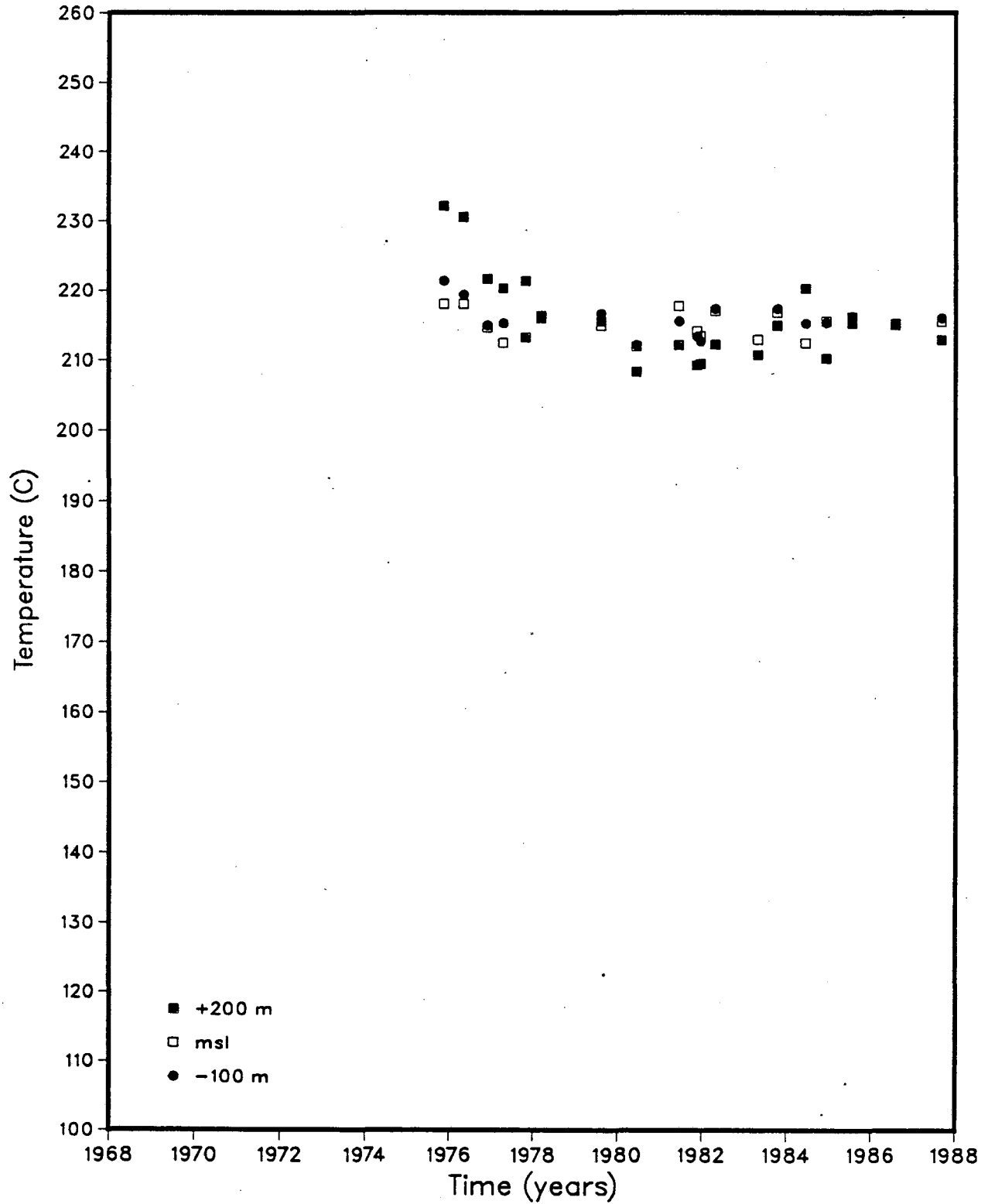
AH2 Temperature Trend



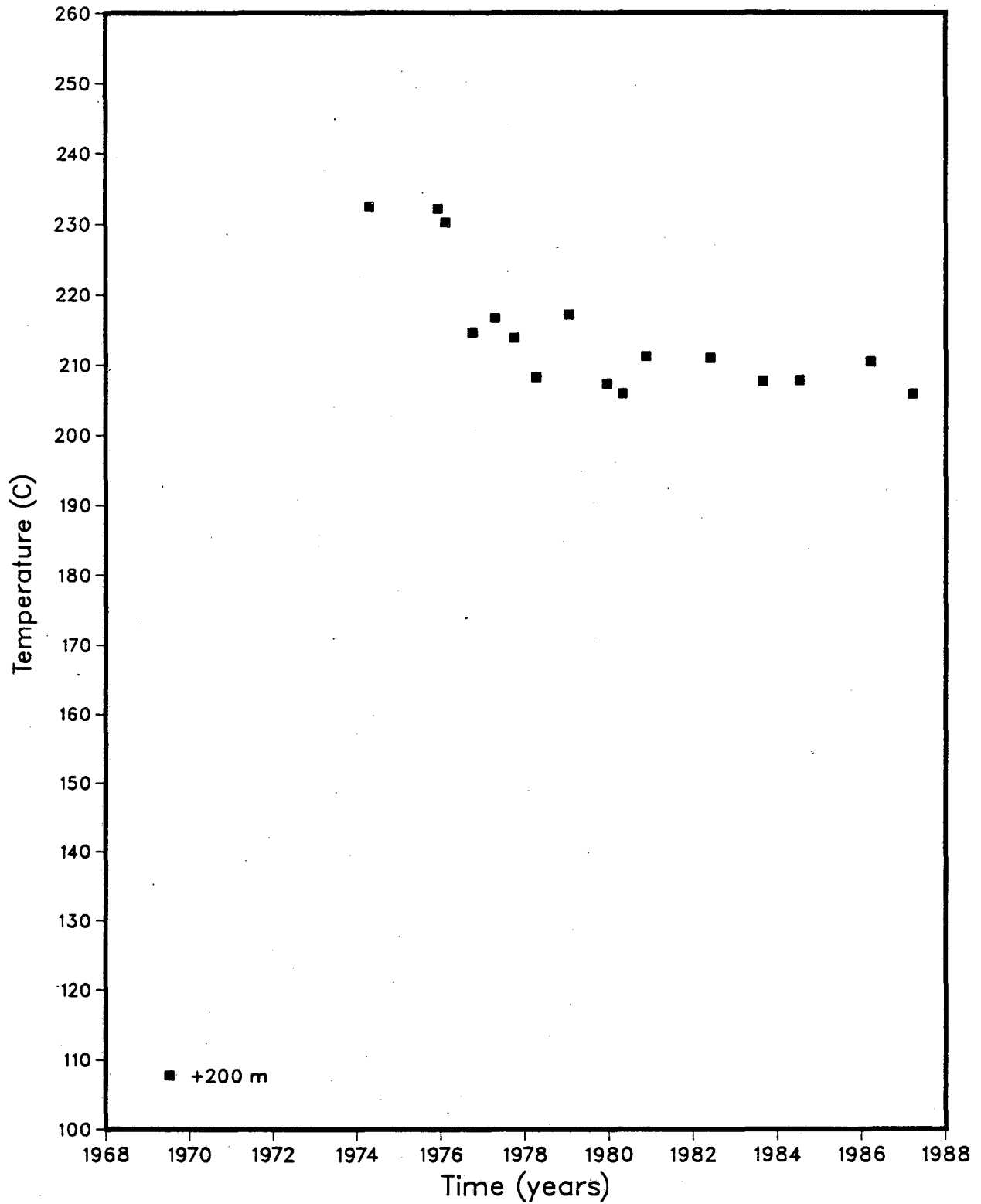
AH4 Temperature Trend



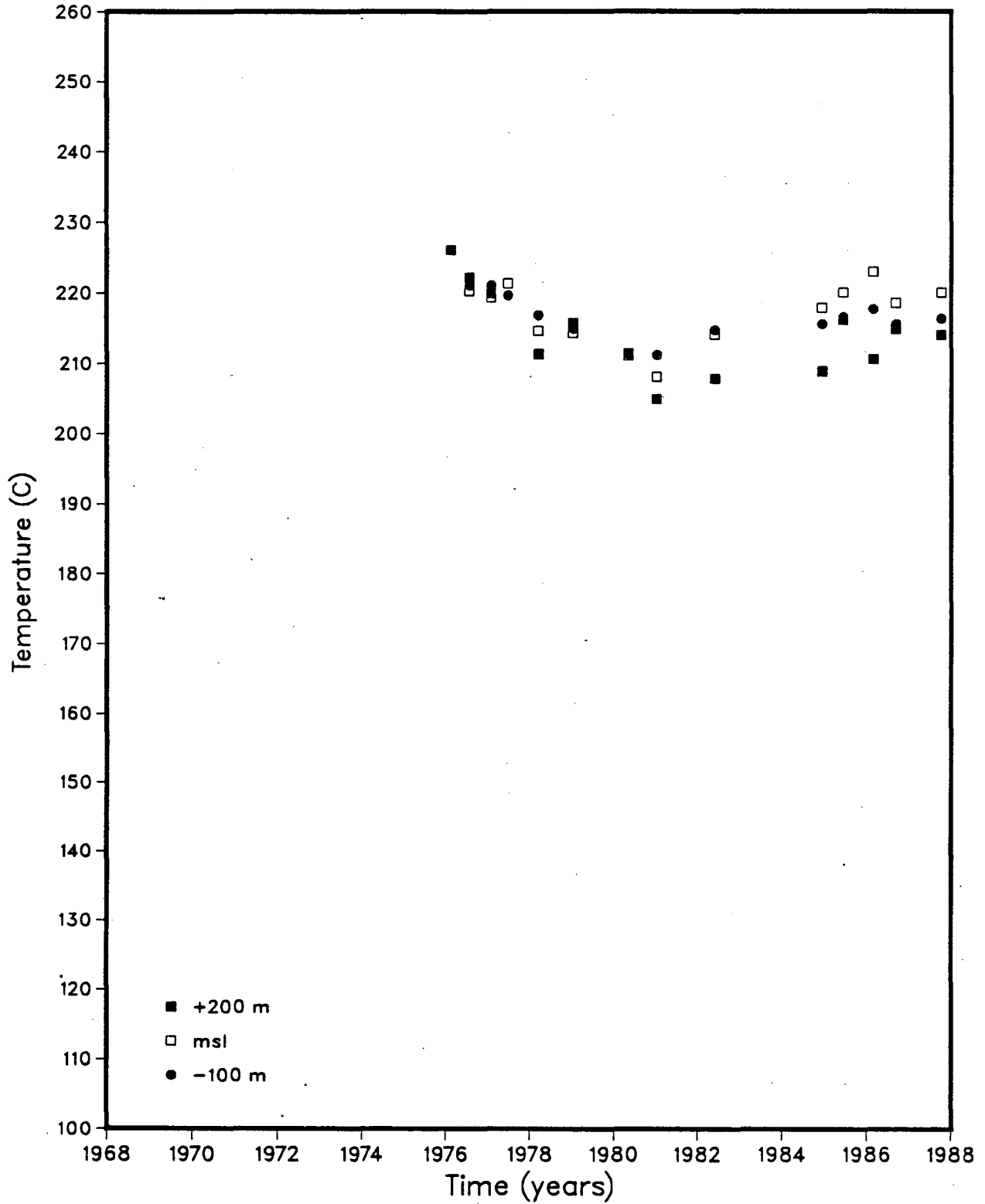
AH5 Temperature Trend



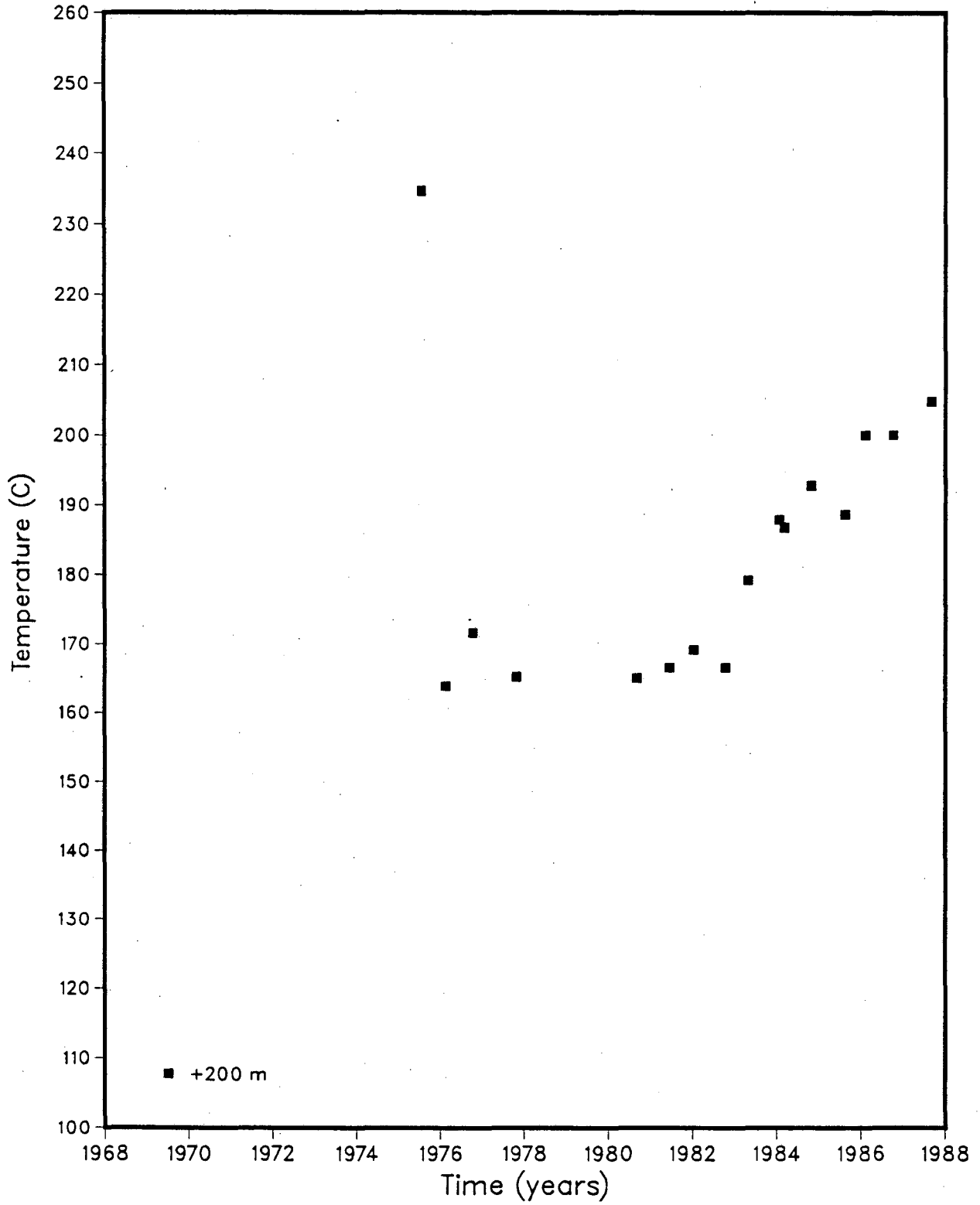
AH6 Temperature Trend



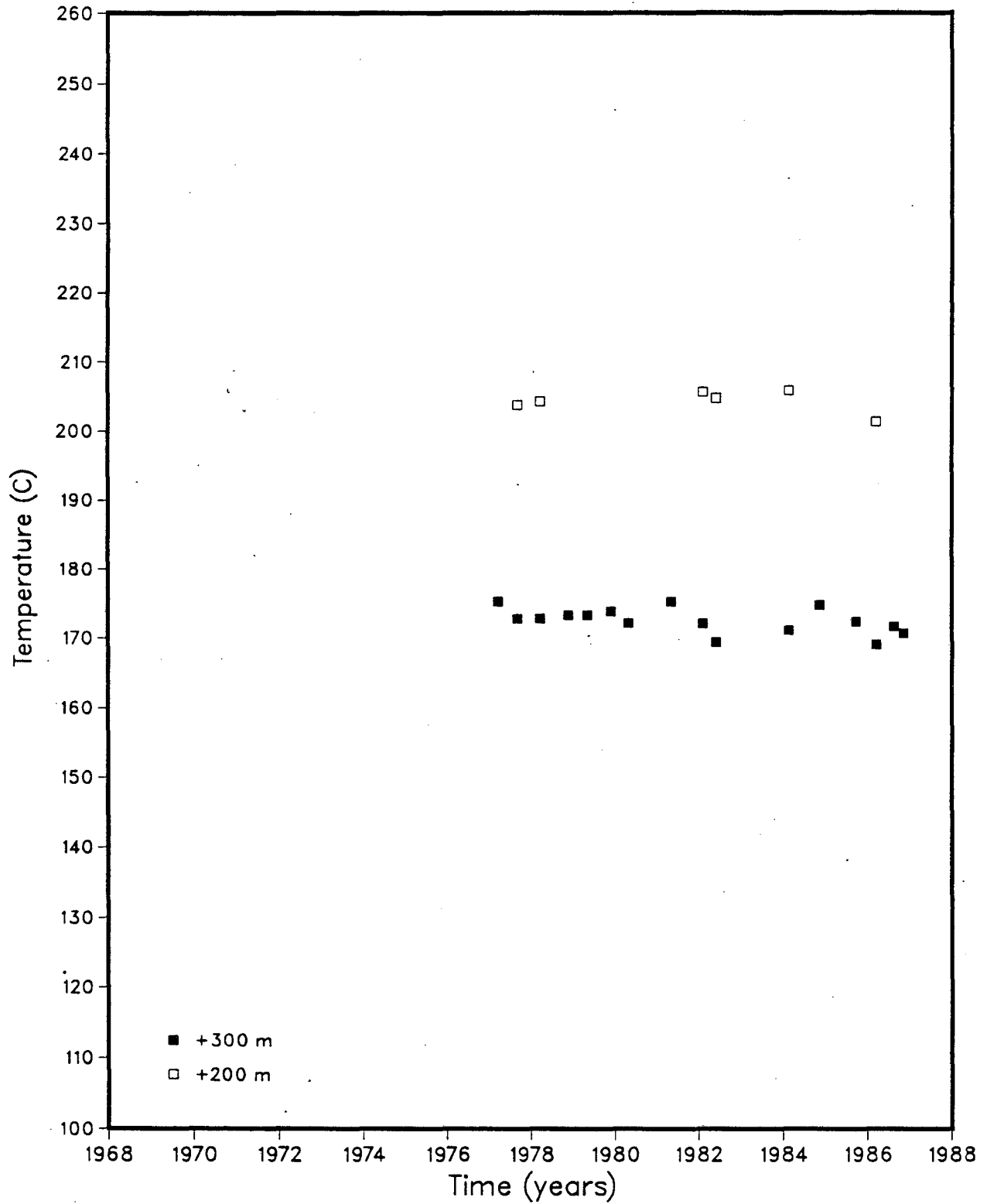
AH7 Temperature Trend



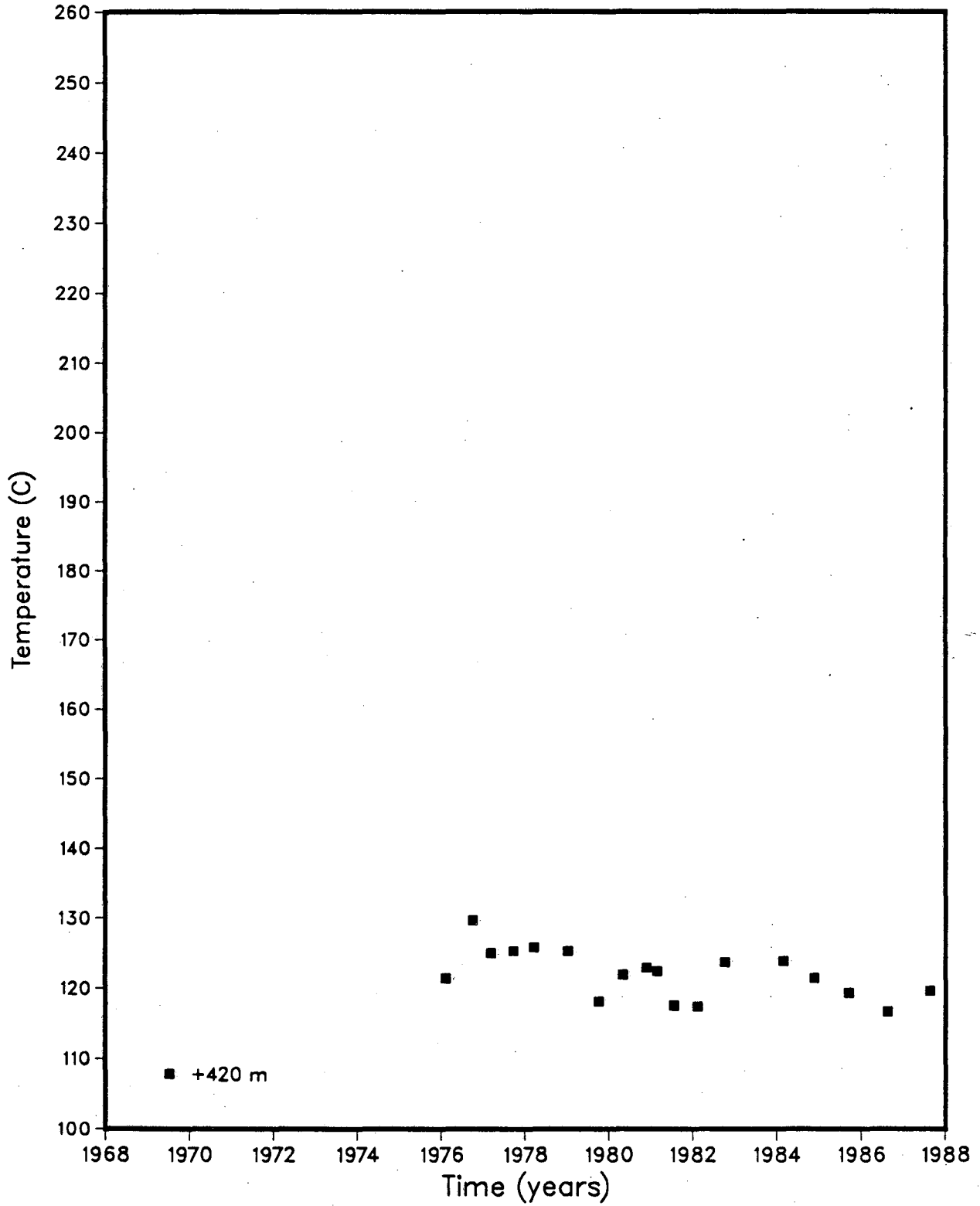
AH8 Temperature Trend



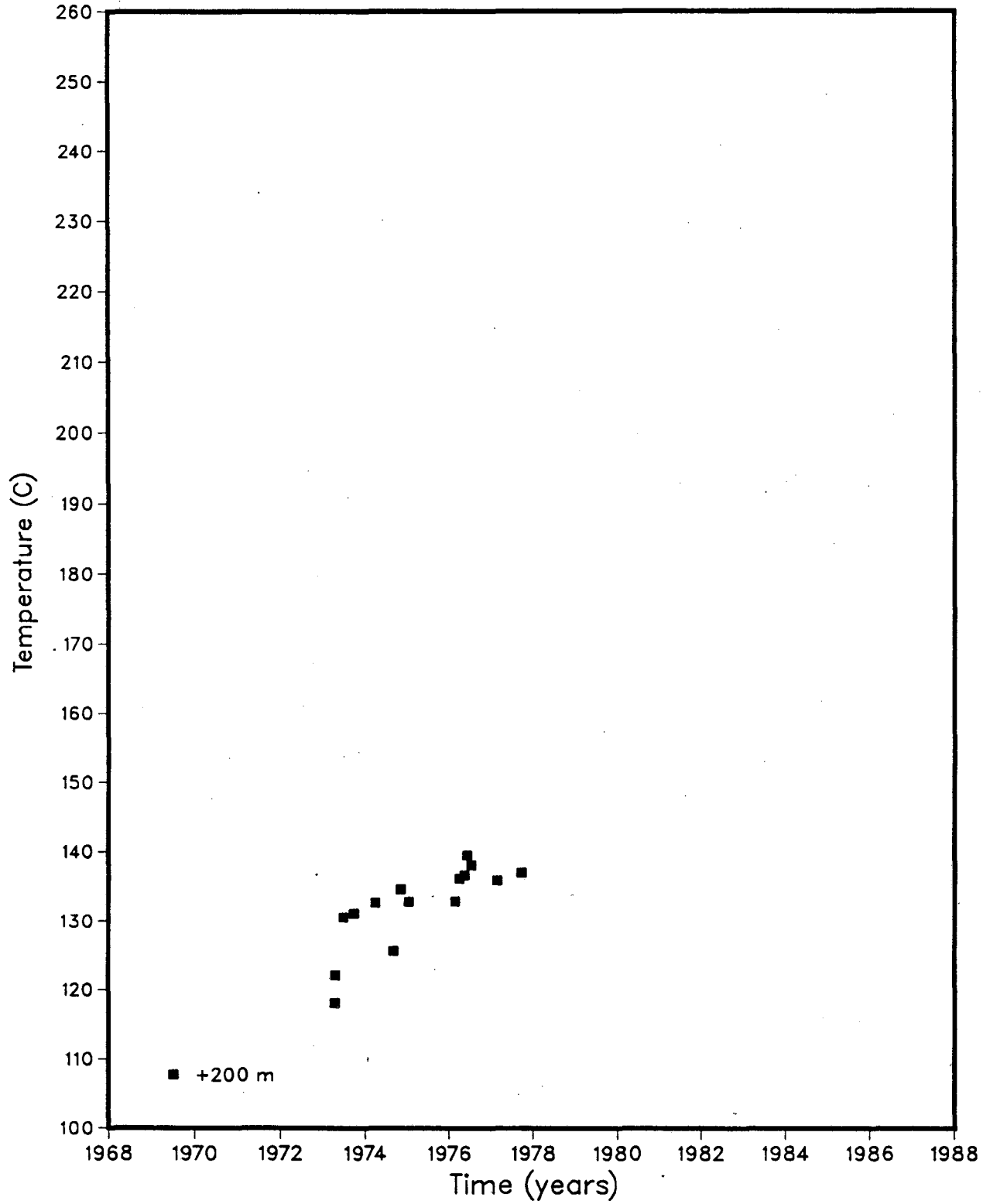
AH9 Temperature Trend



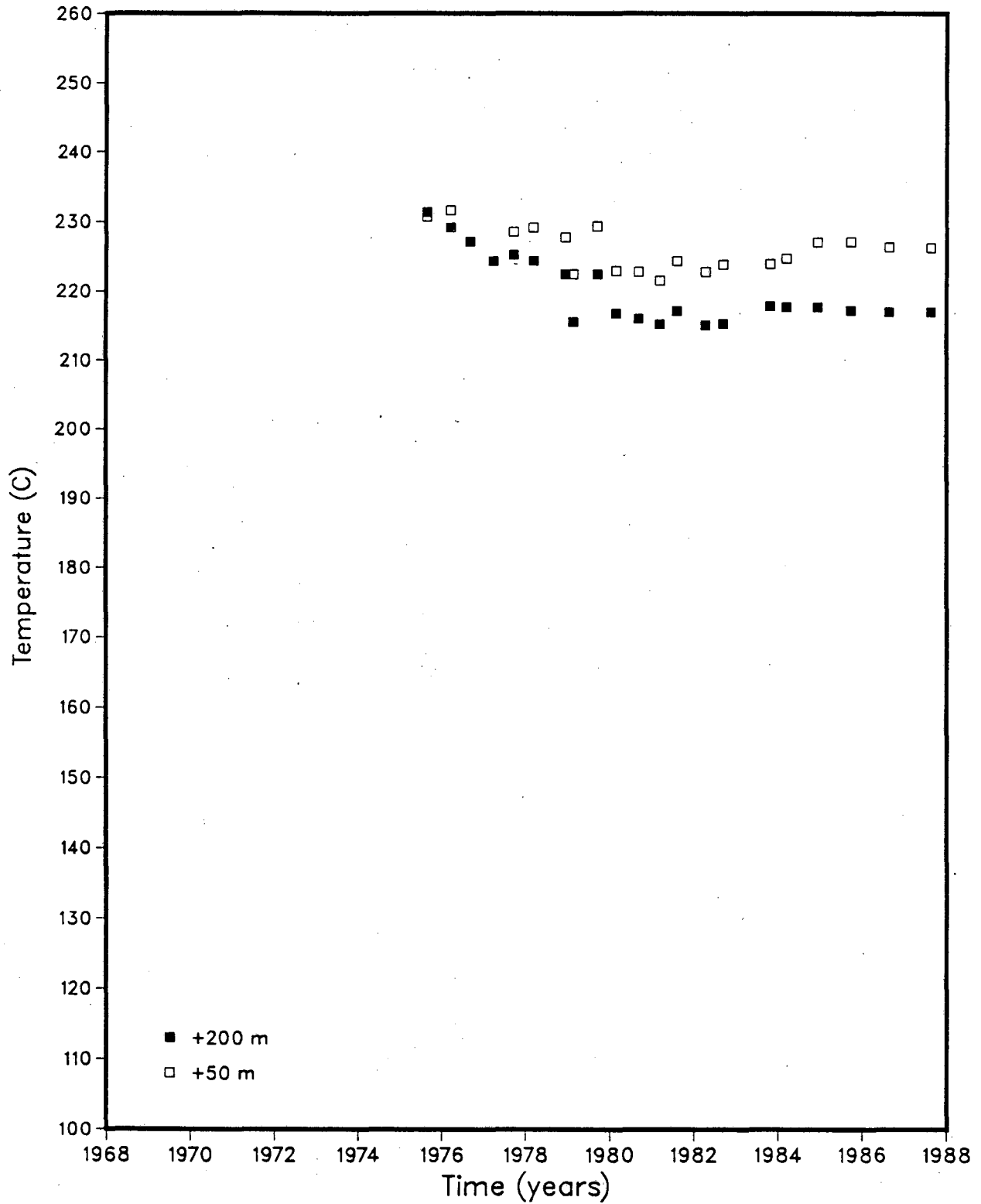
AH11 Temperature Trend



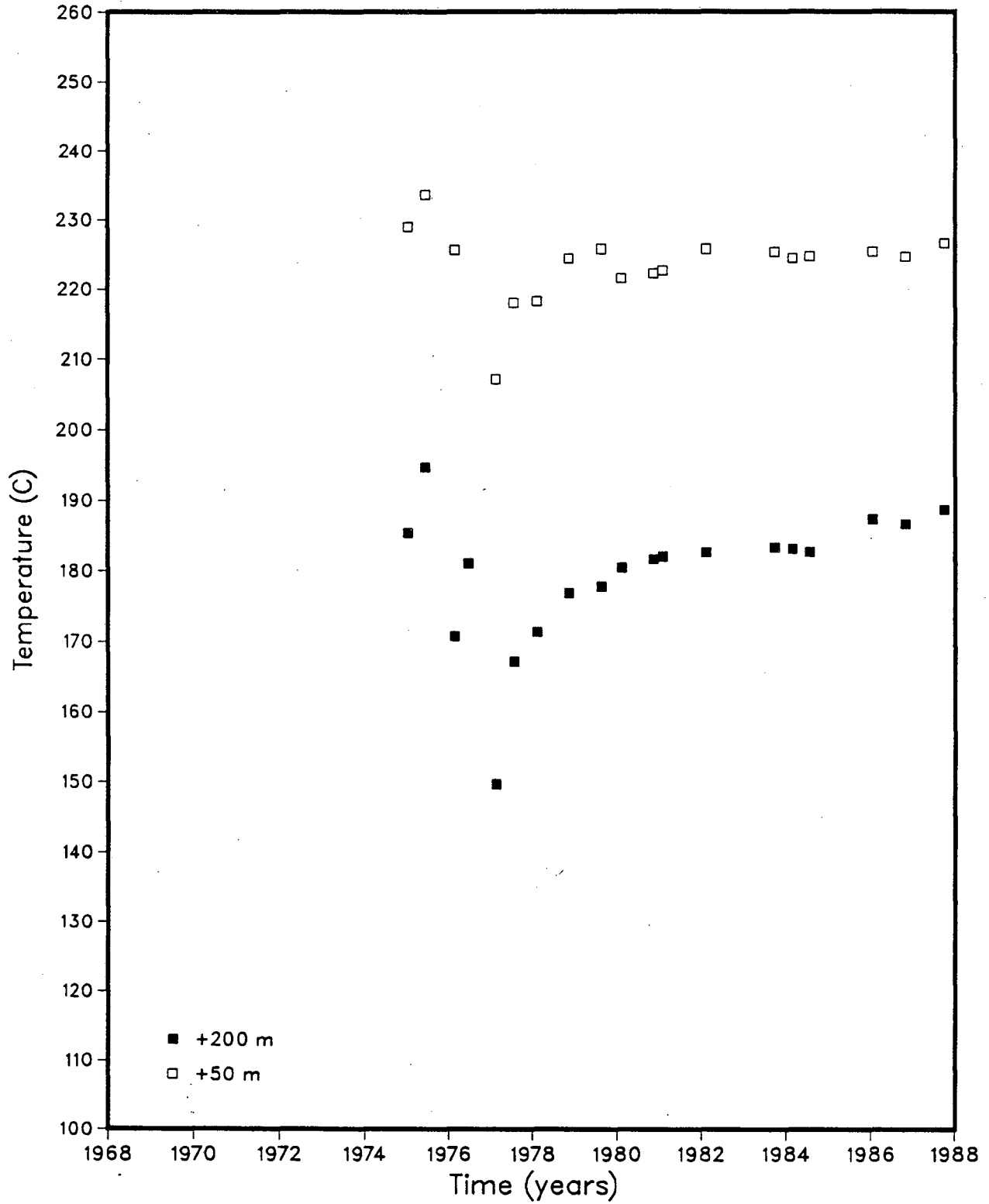
AH12 Temperature Trend



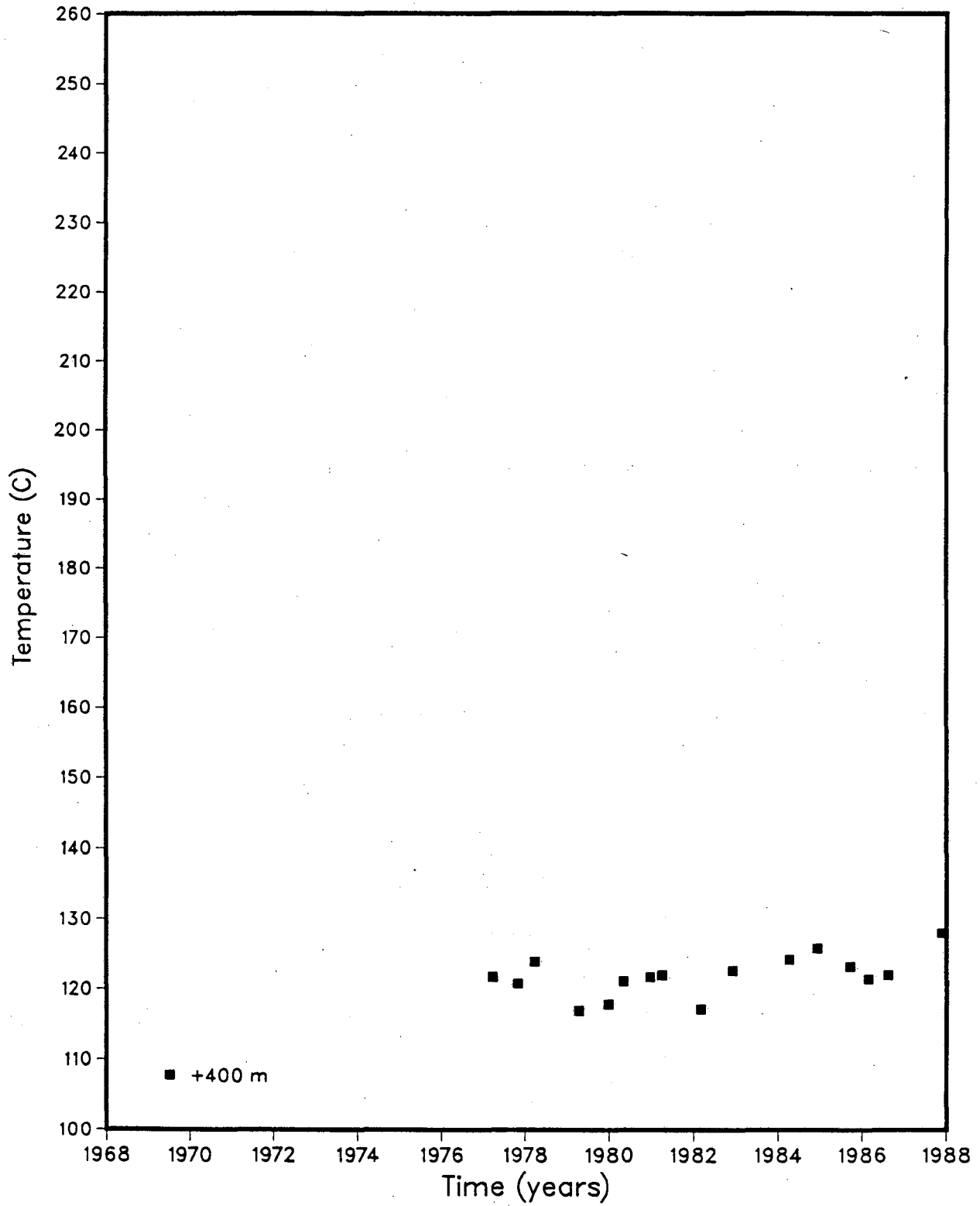
AH13 Temperature Trend



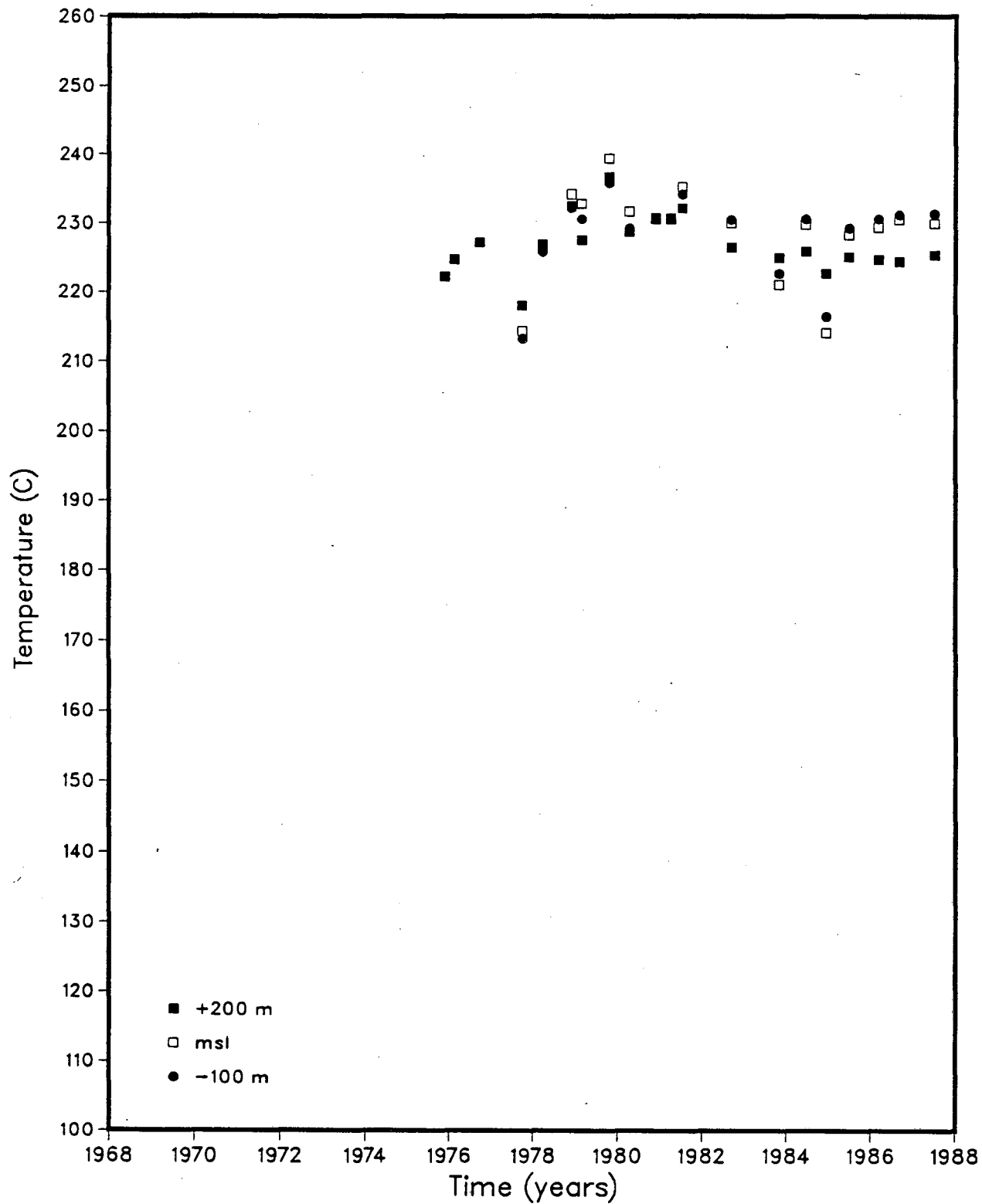
AH14 Temperature Trend



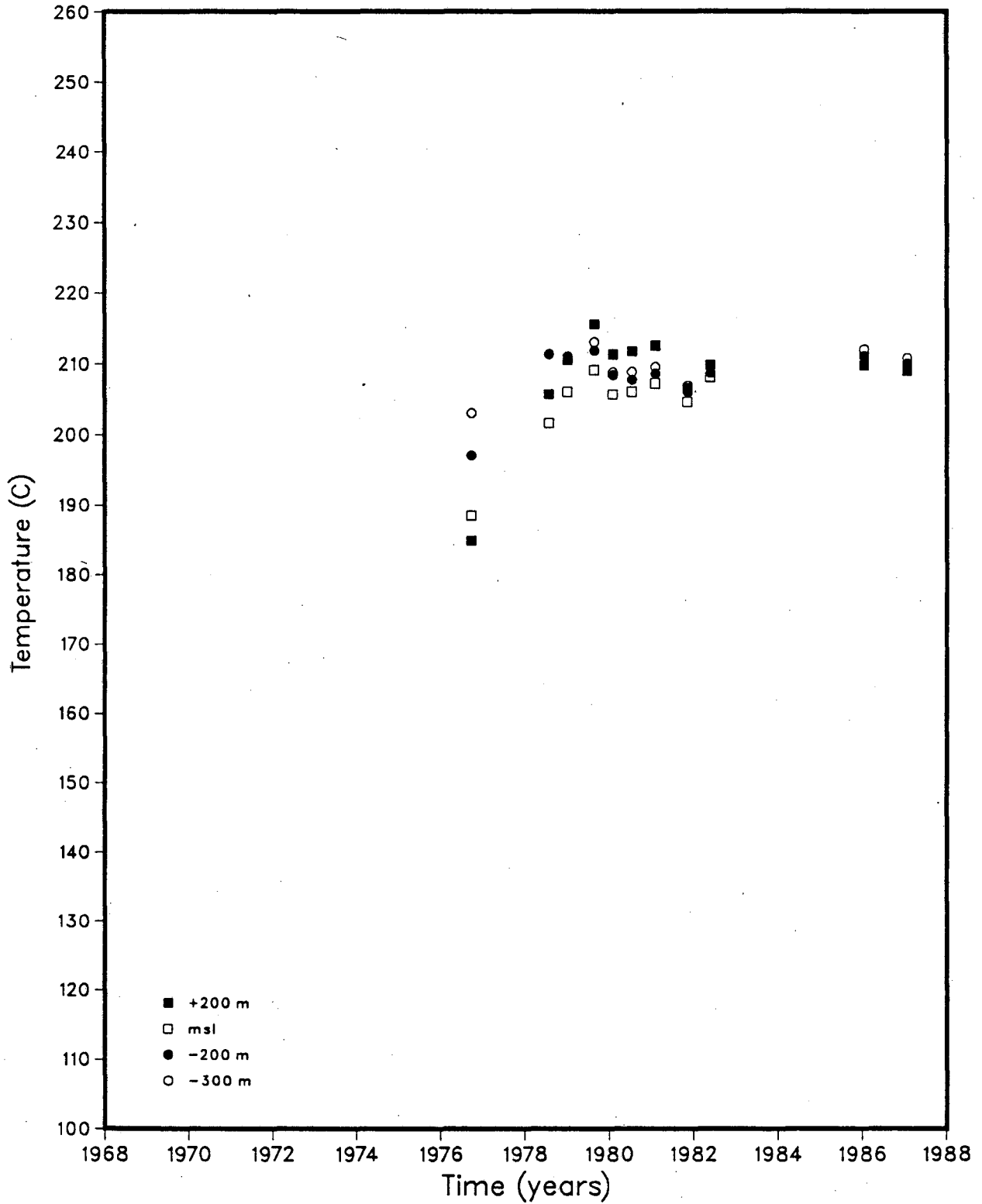
AH15 Temperature Trend



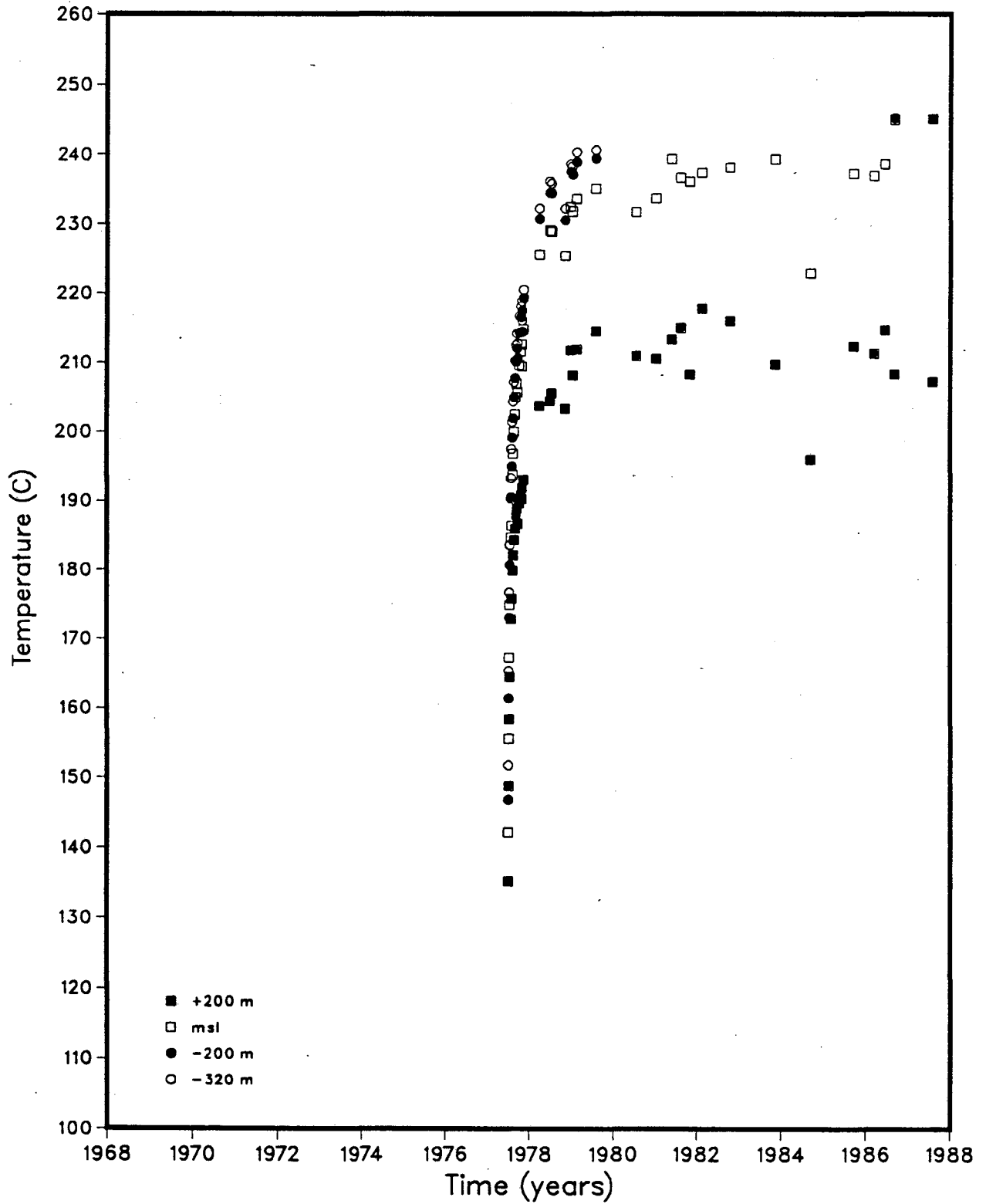
AH16 Temperature Trend



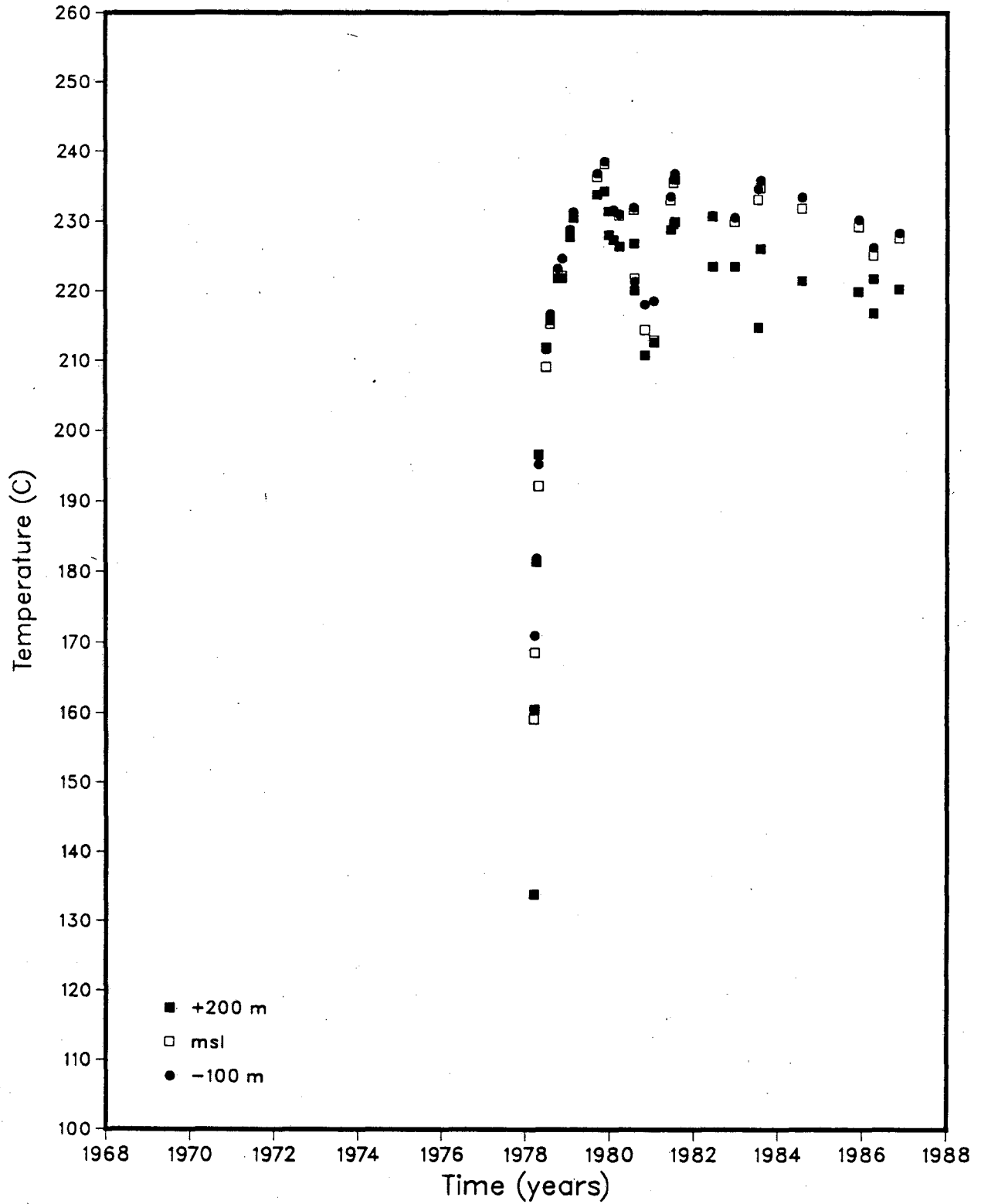
AH17 Temperature Trend



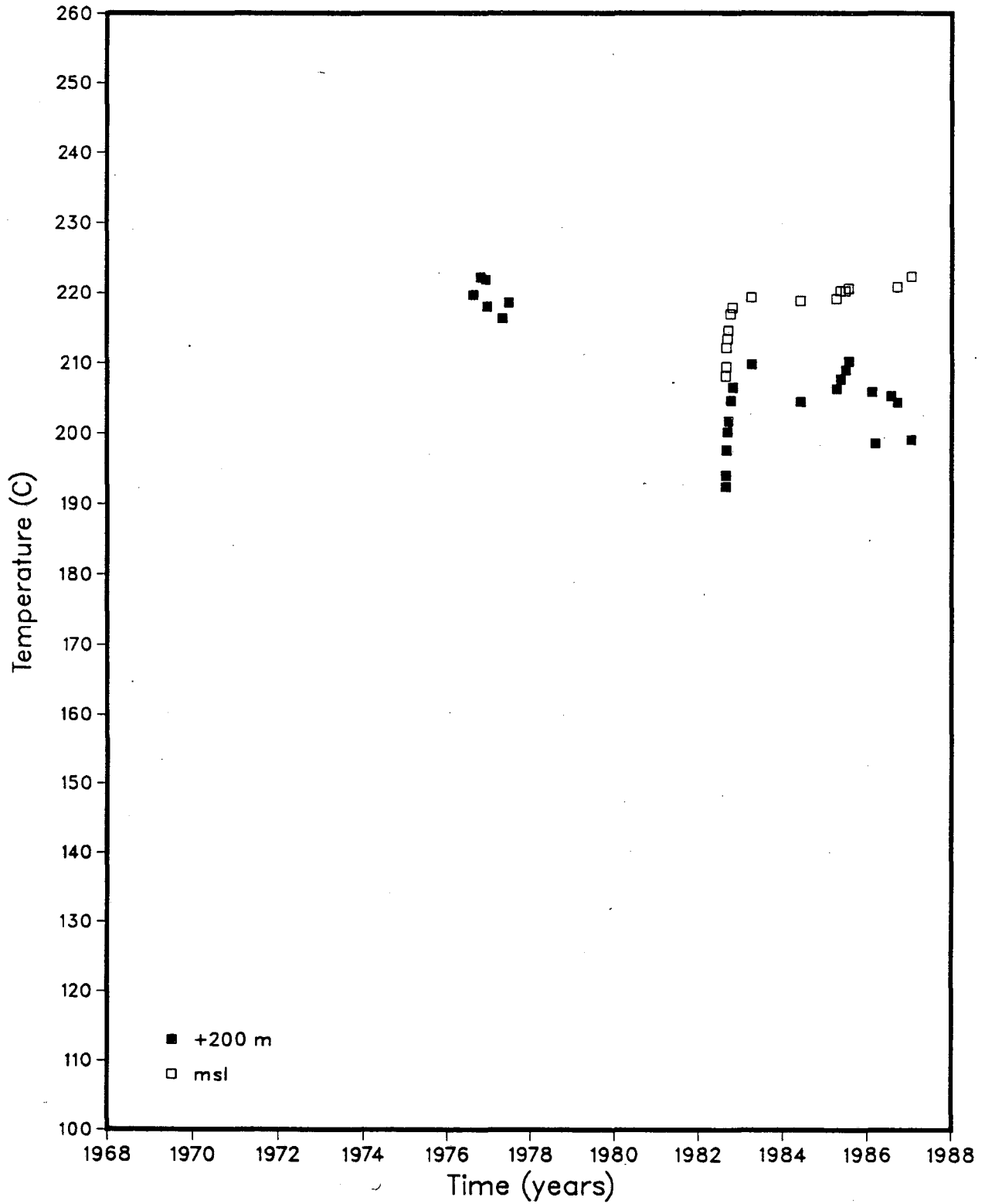
AH18 Temperature Trend



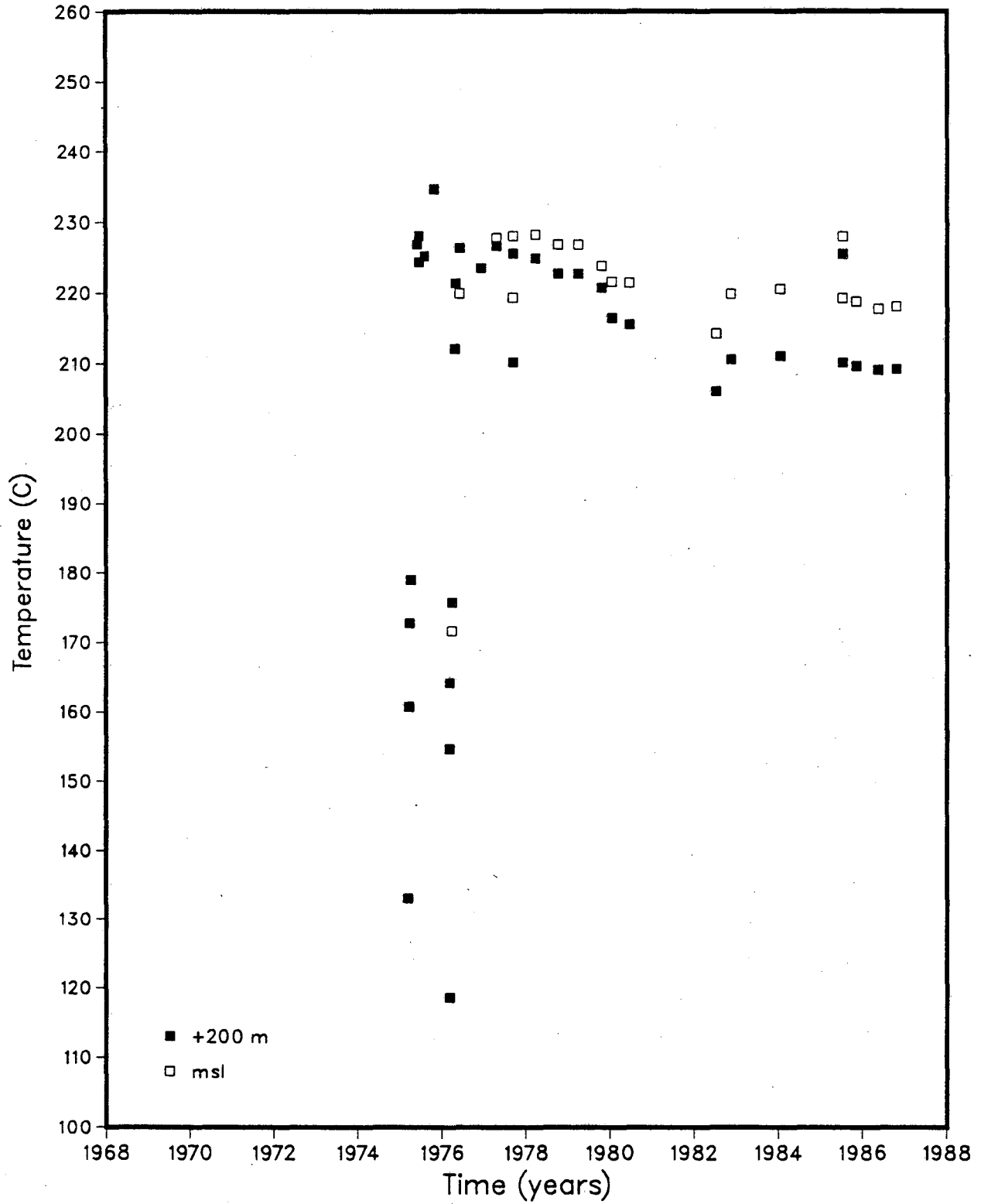
AH19 Temperature Trend



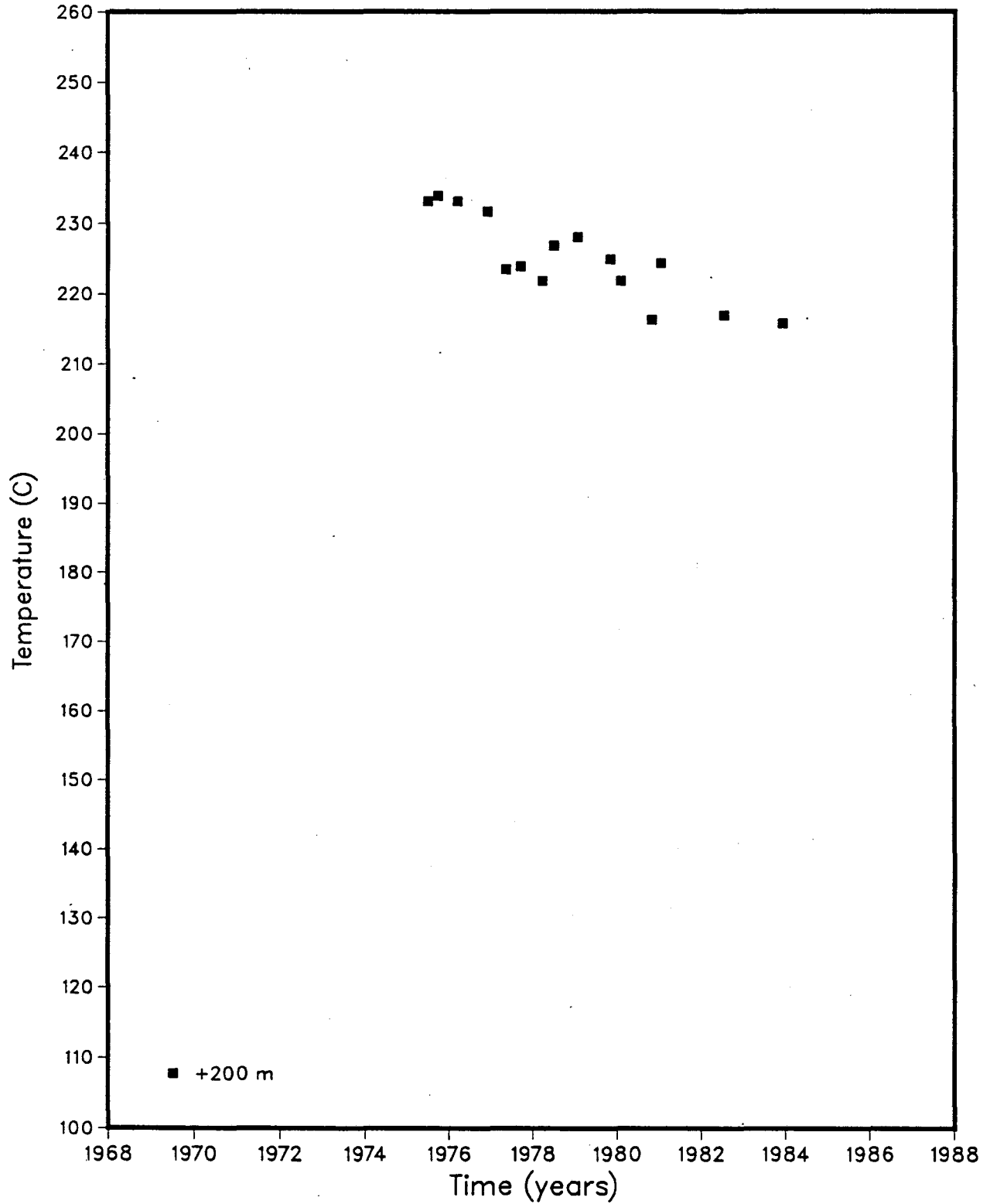
AH20 Temperature Trend



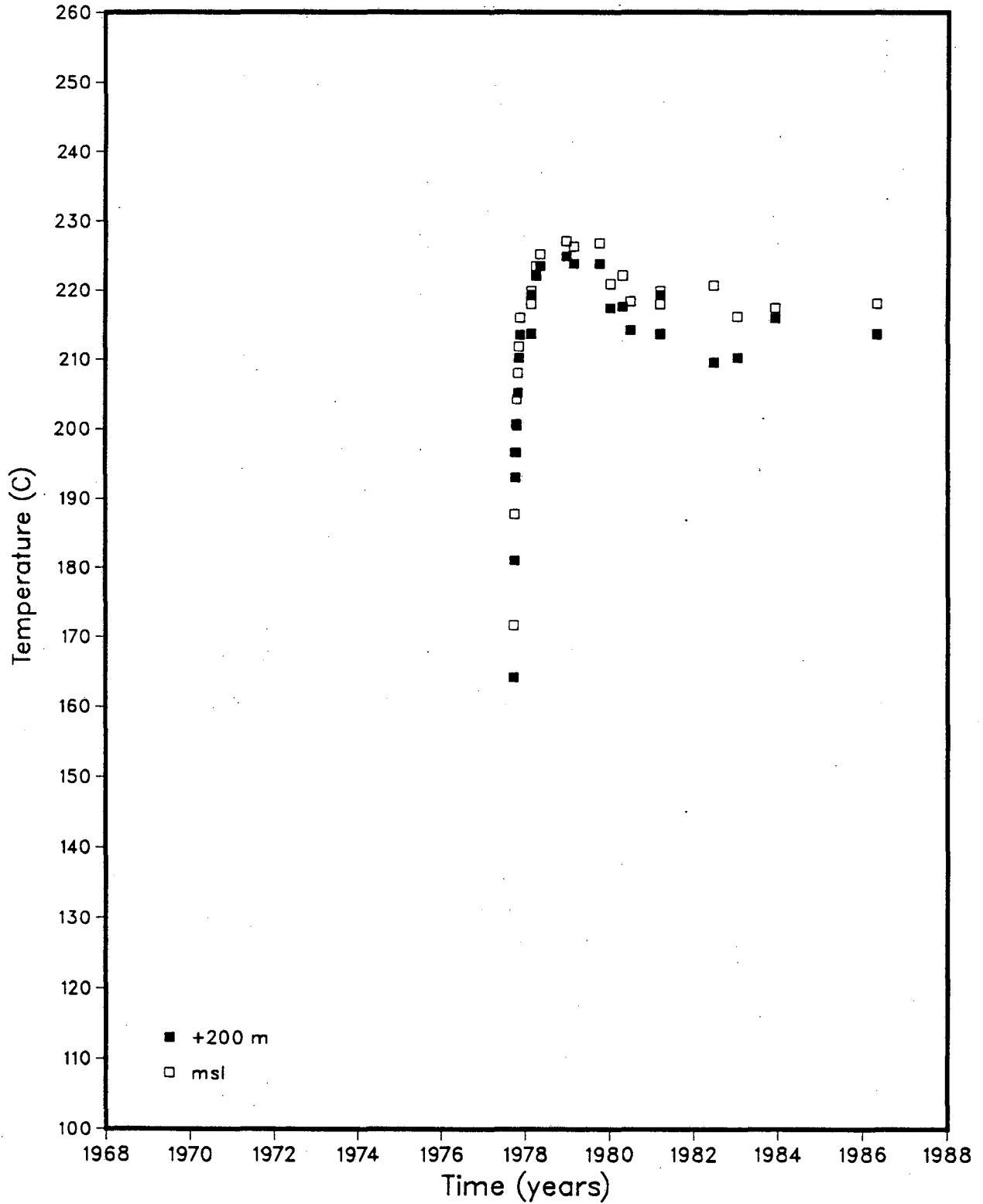
AH21 Temperature Trend



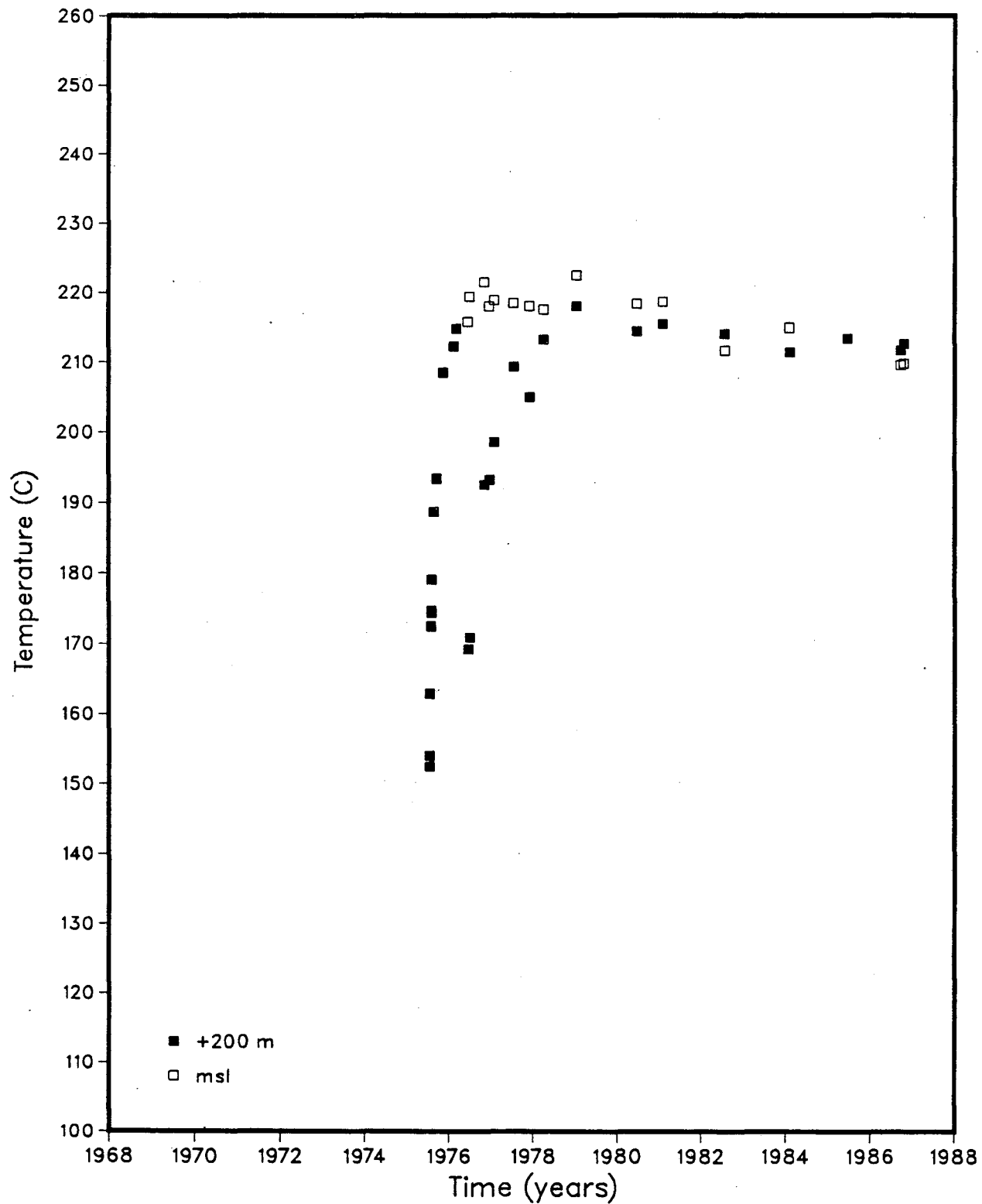
AH22 Temperature Trend



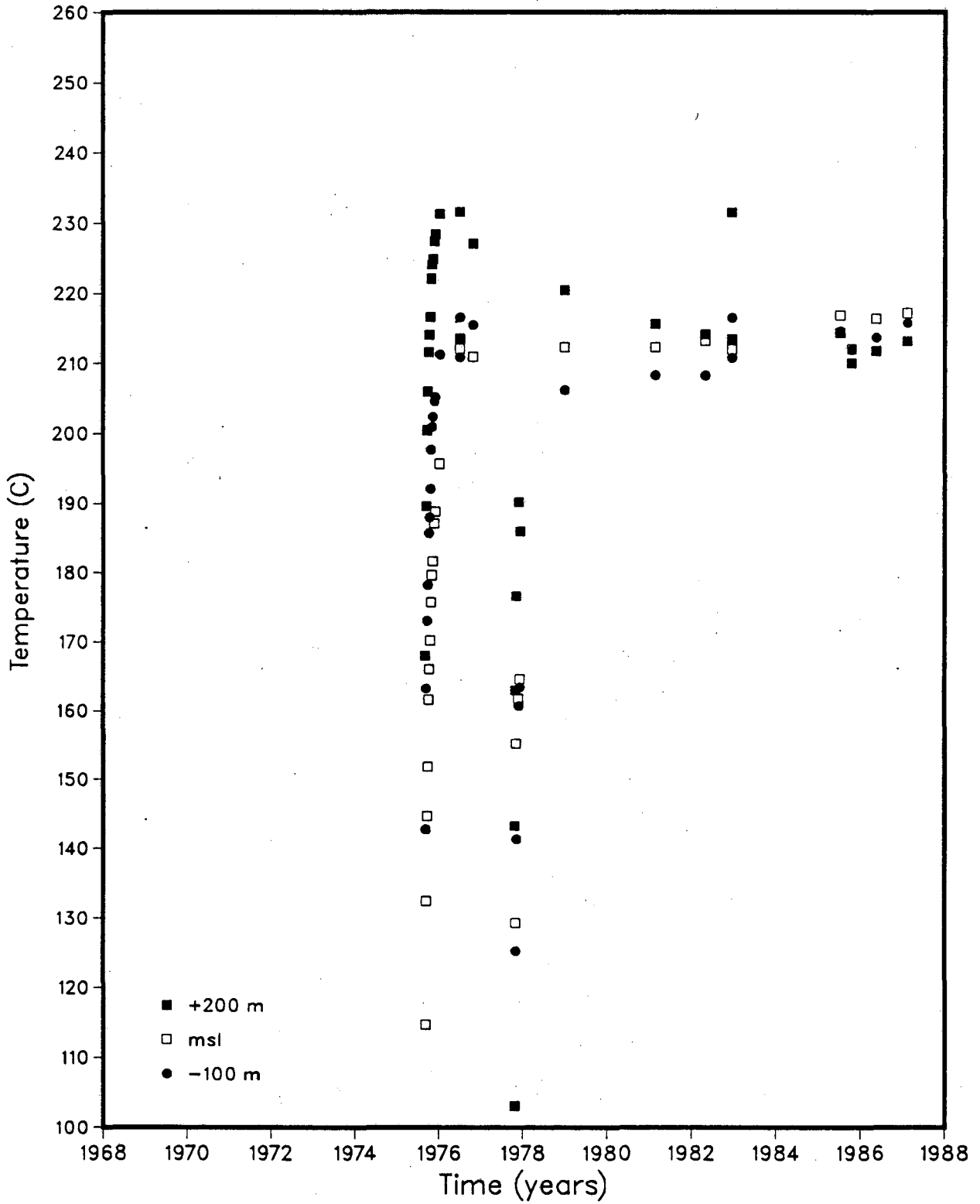
AH23 Temperature Trend



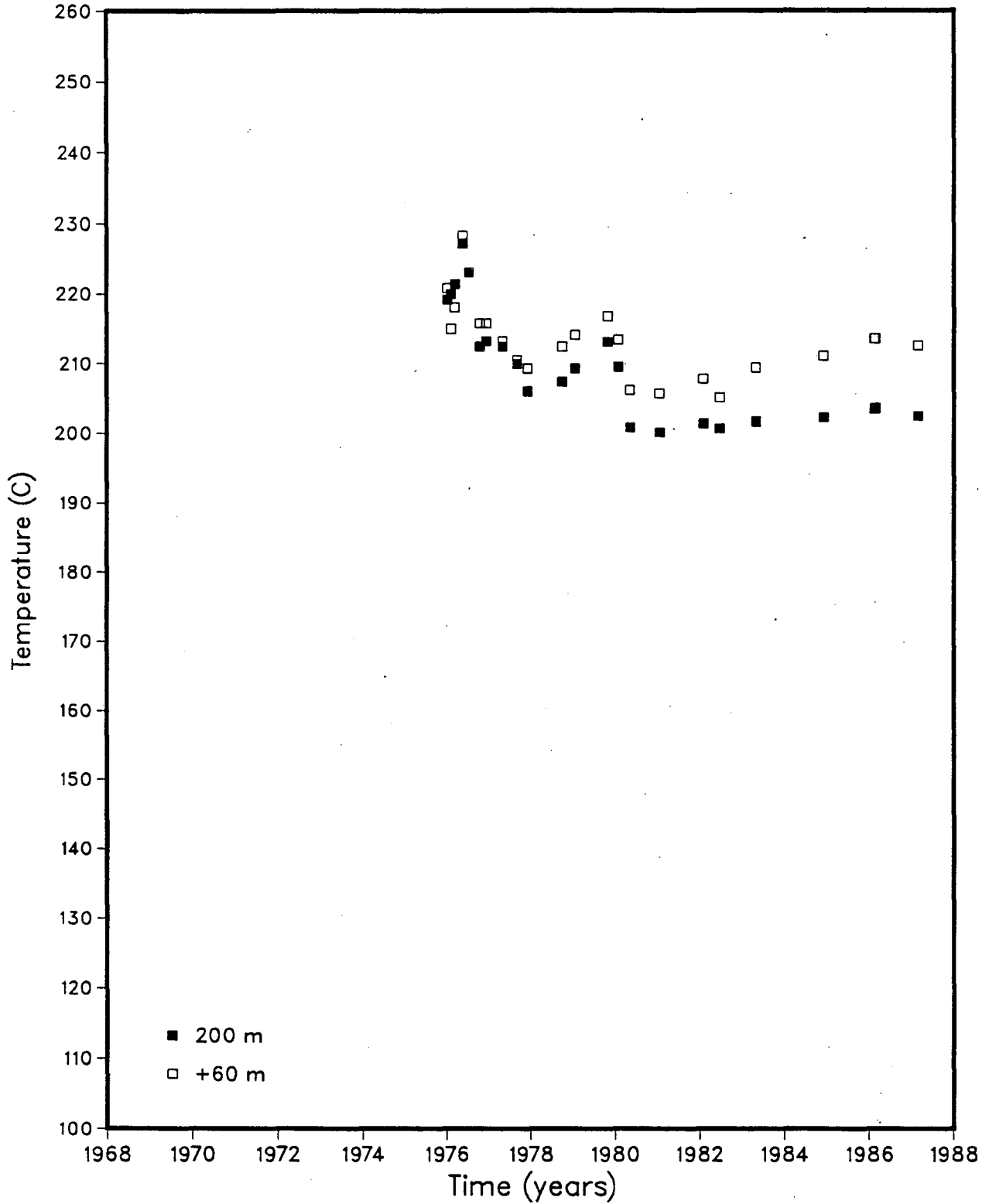
AH24 Temperature Trend



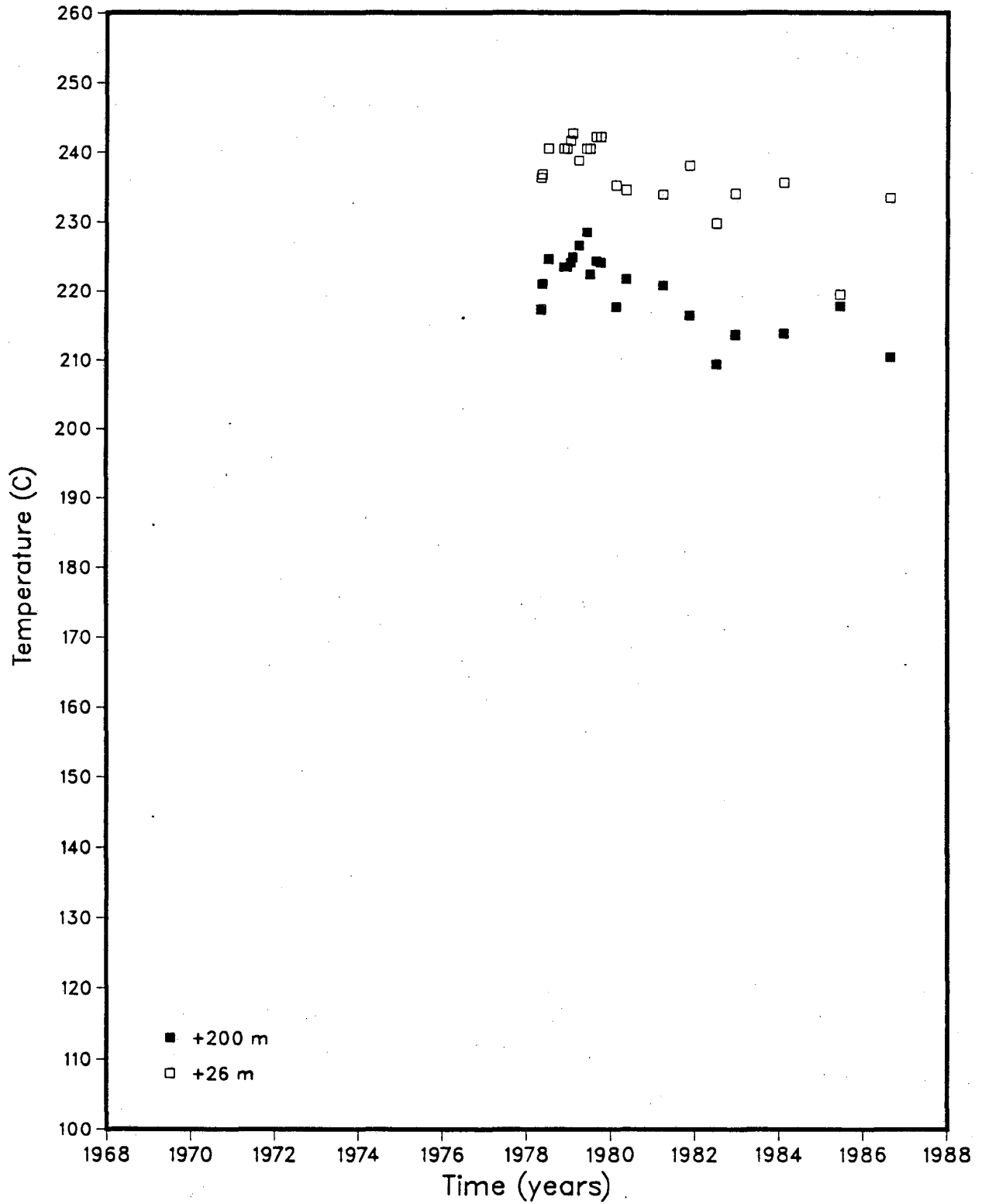
AH25 Temperature Trend



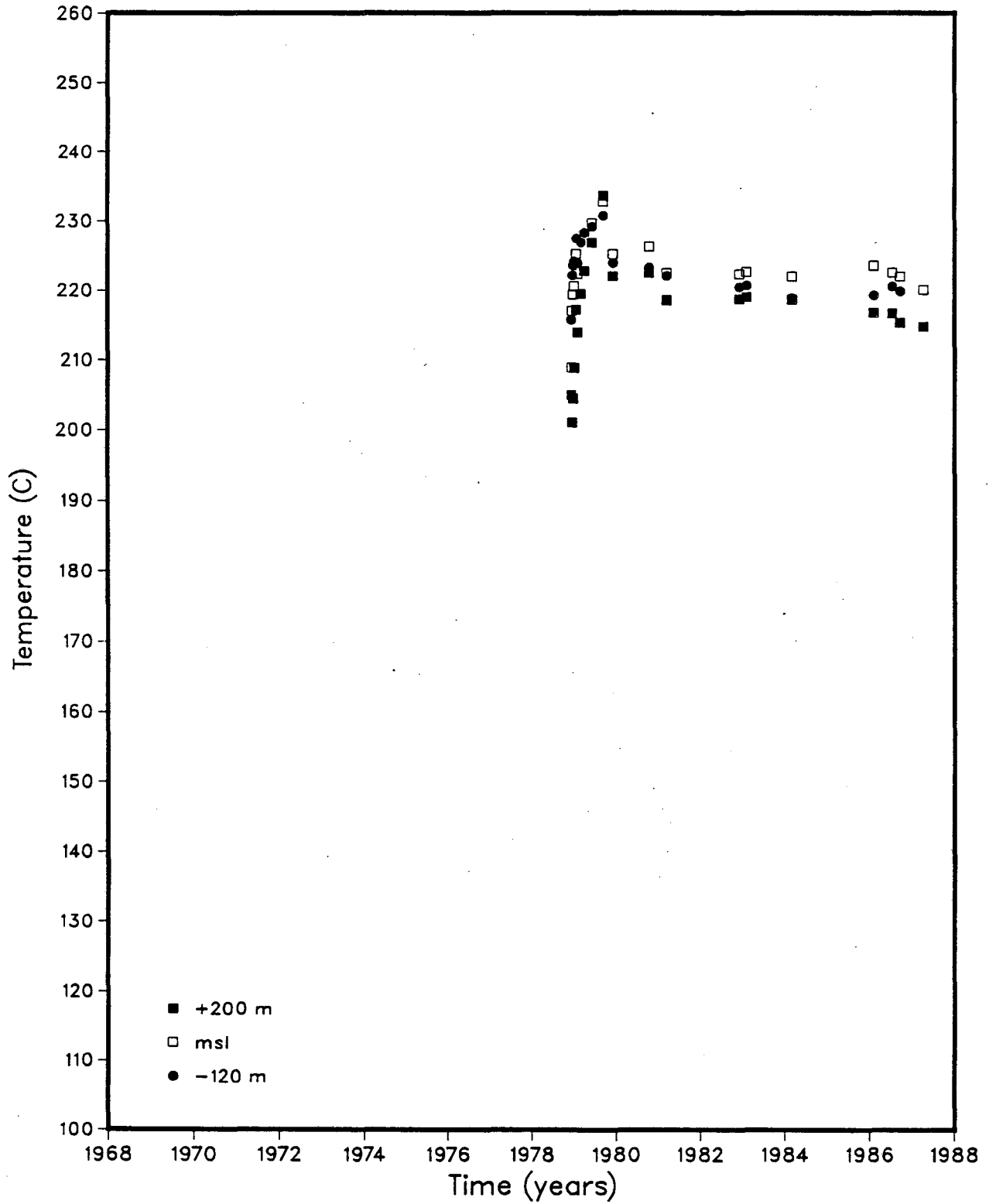
AH26 Temperature Trend



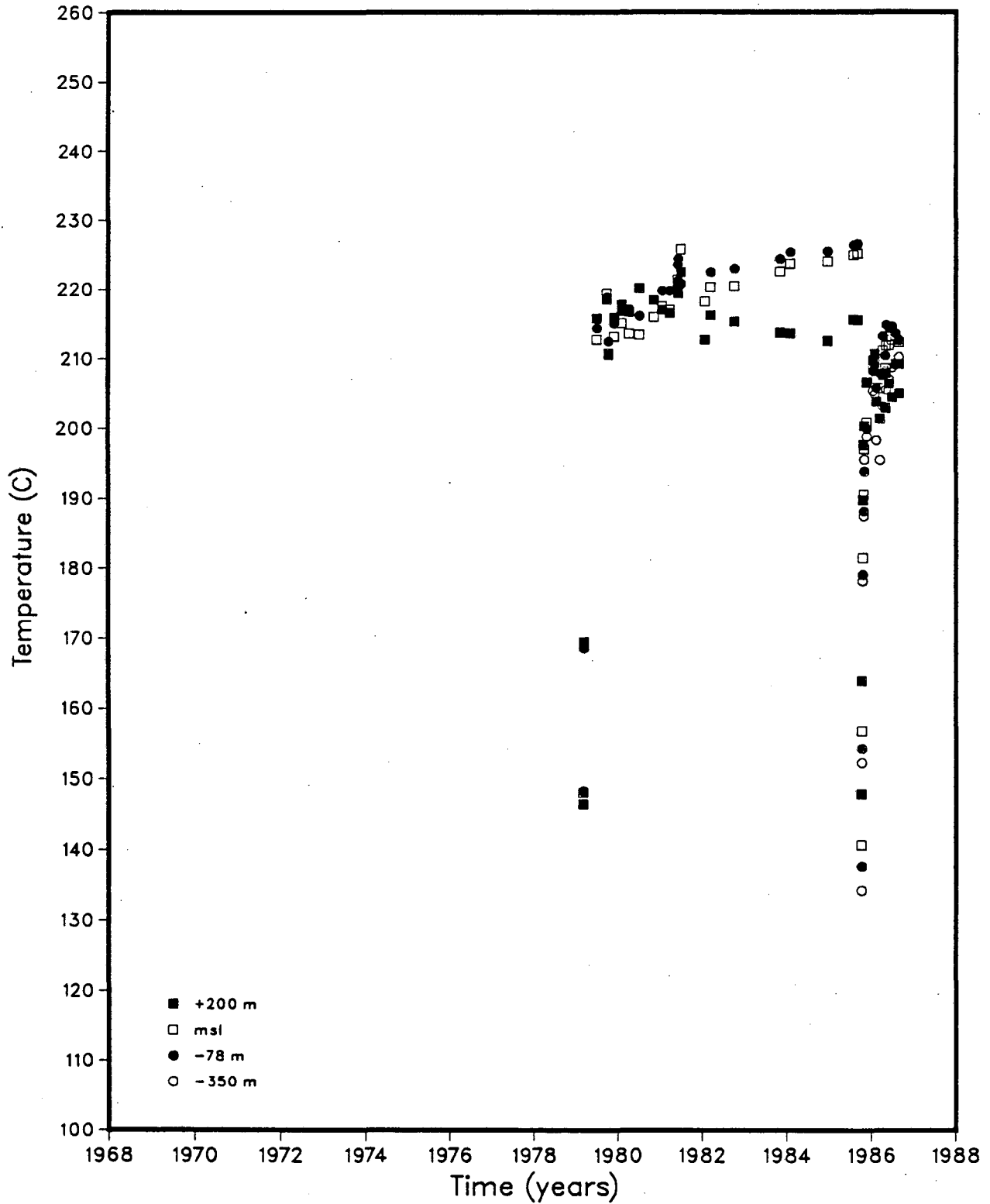
AH27 Temperature Trend



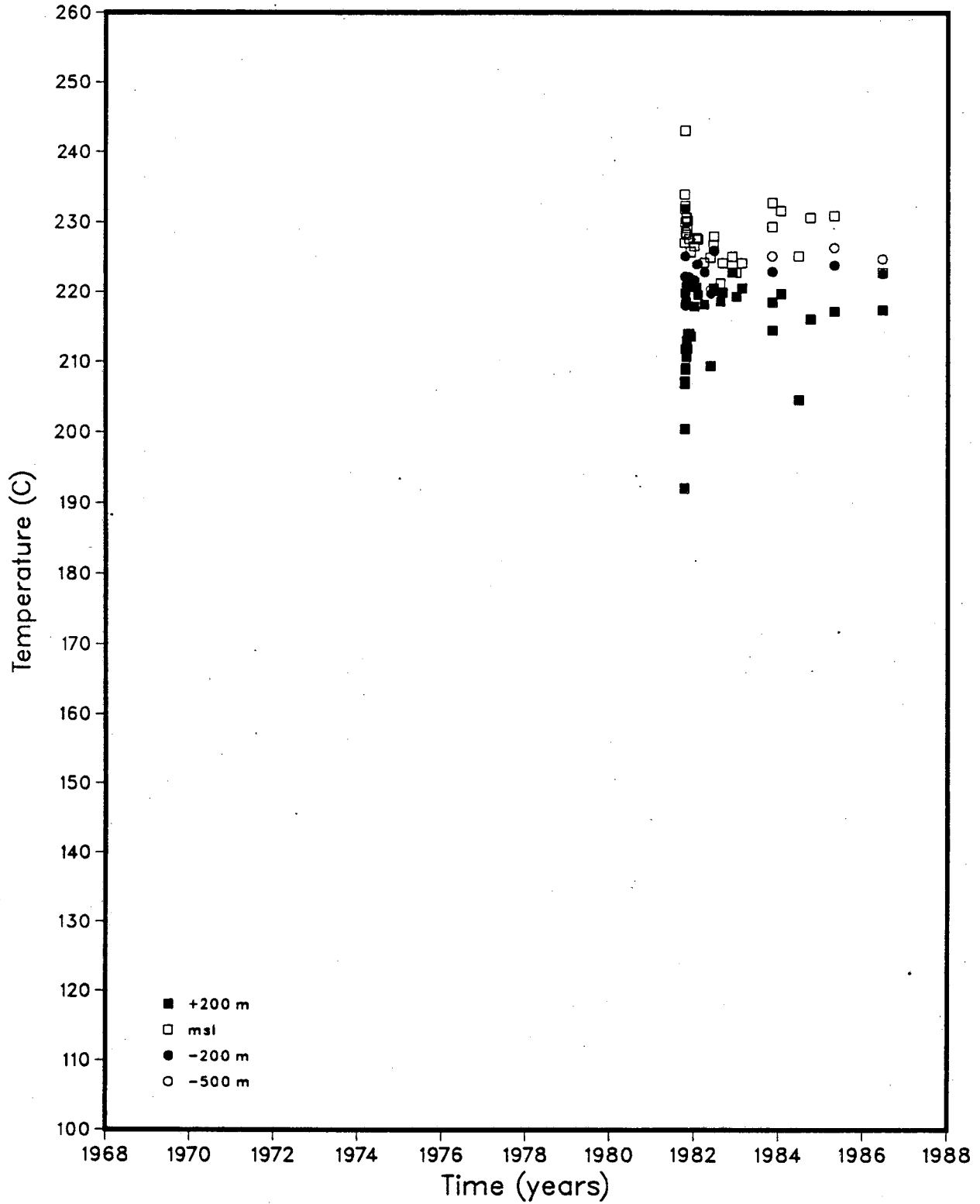
AH28 Temperature Trend



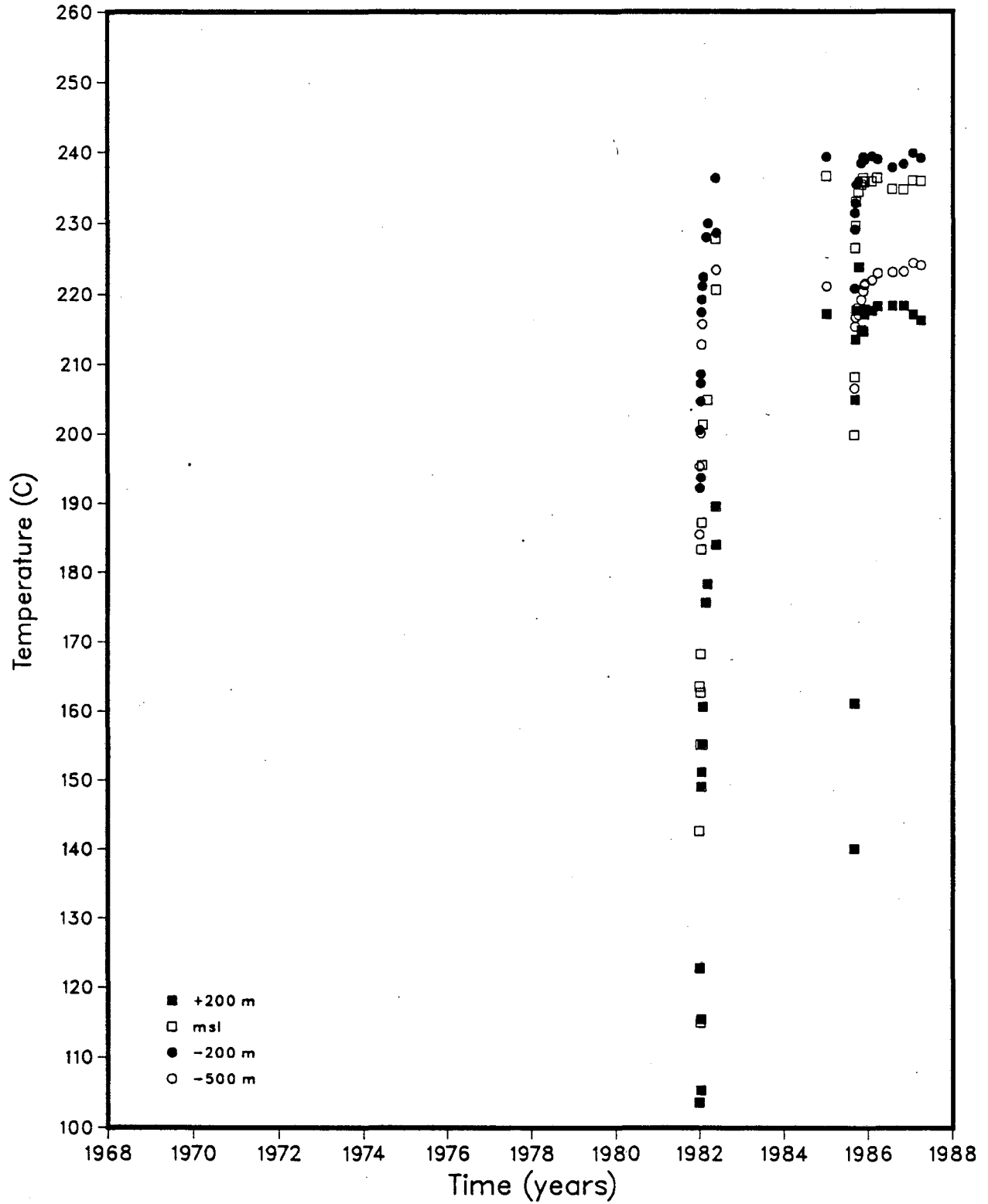
AH30 Temperature Trend



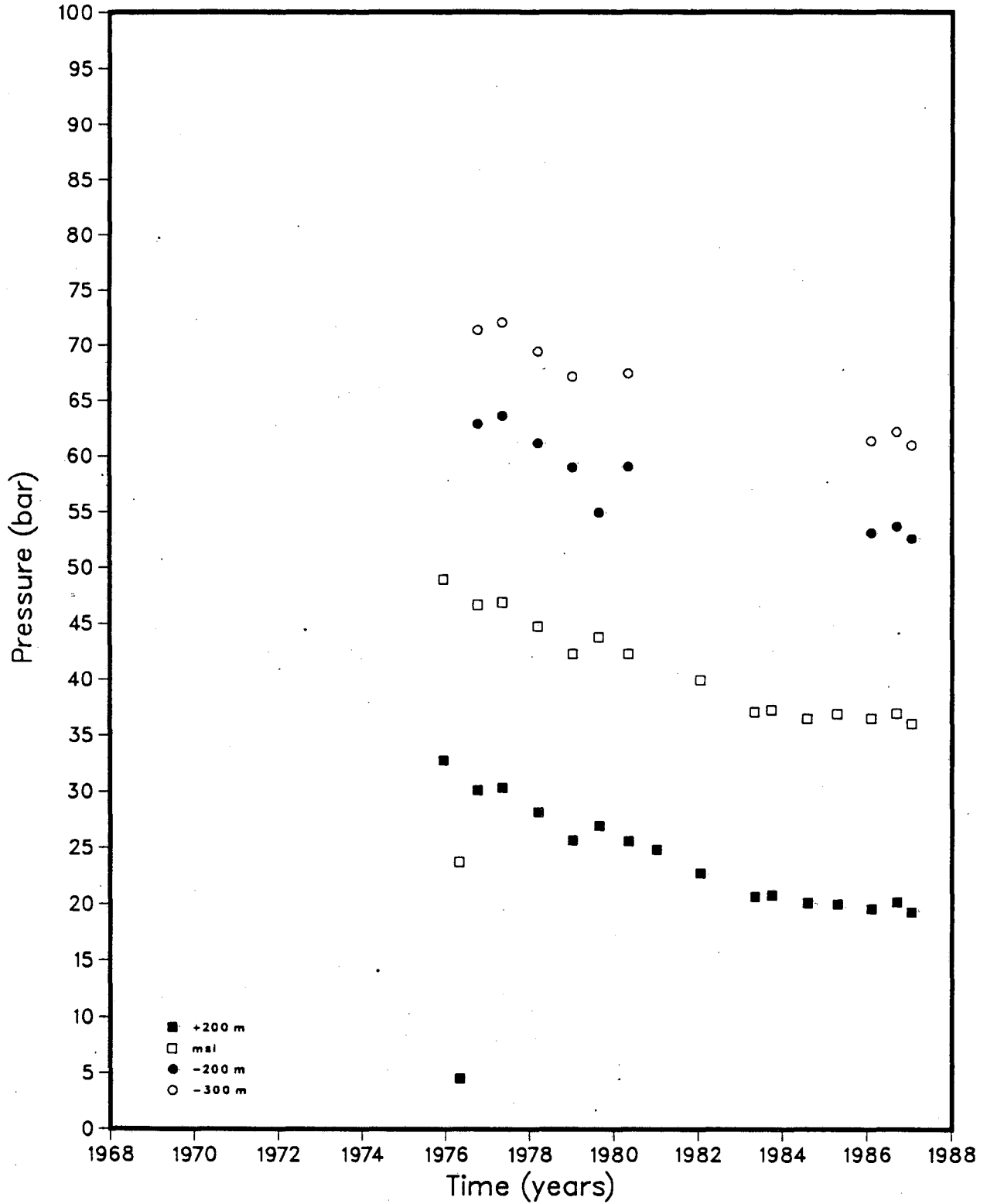
AH31 Temperature Trend



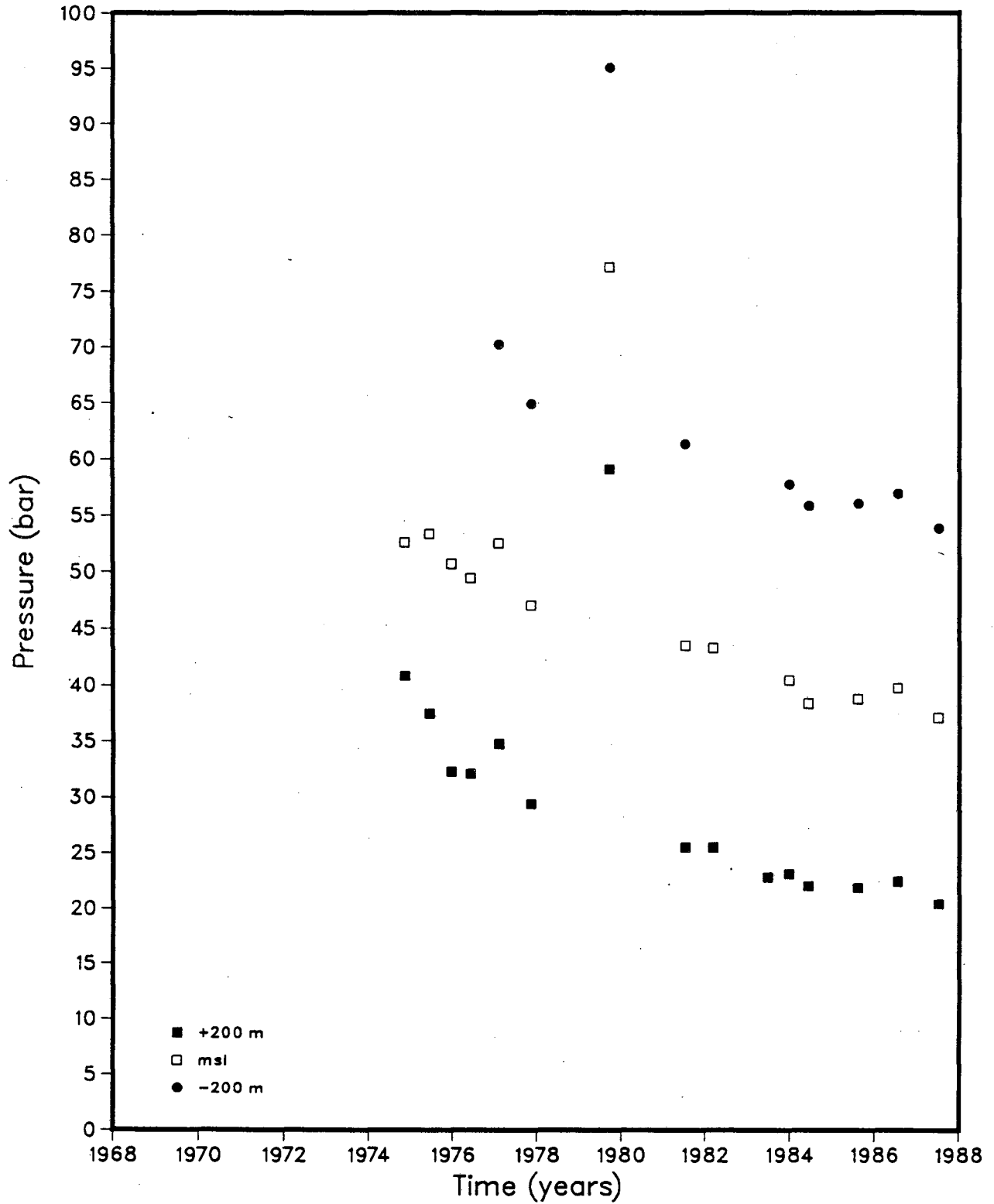
AH32 Temperature Trend



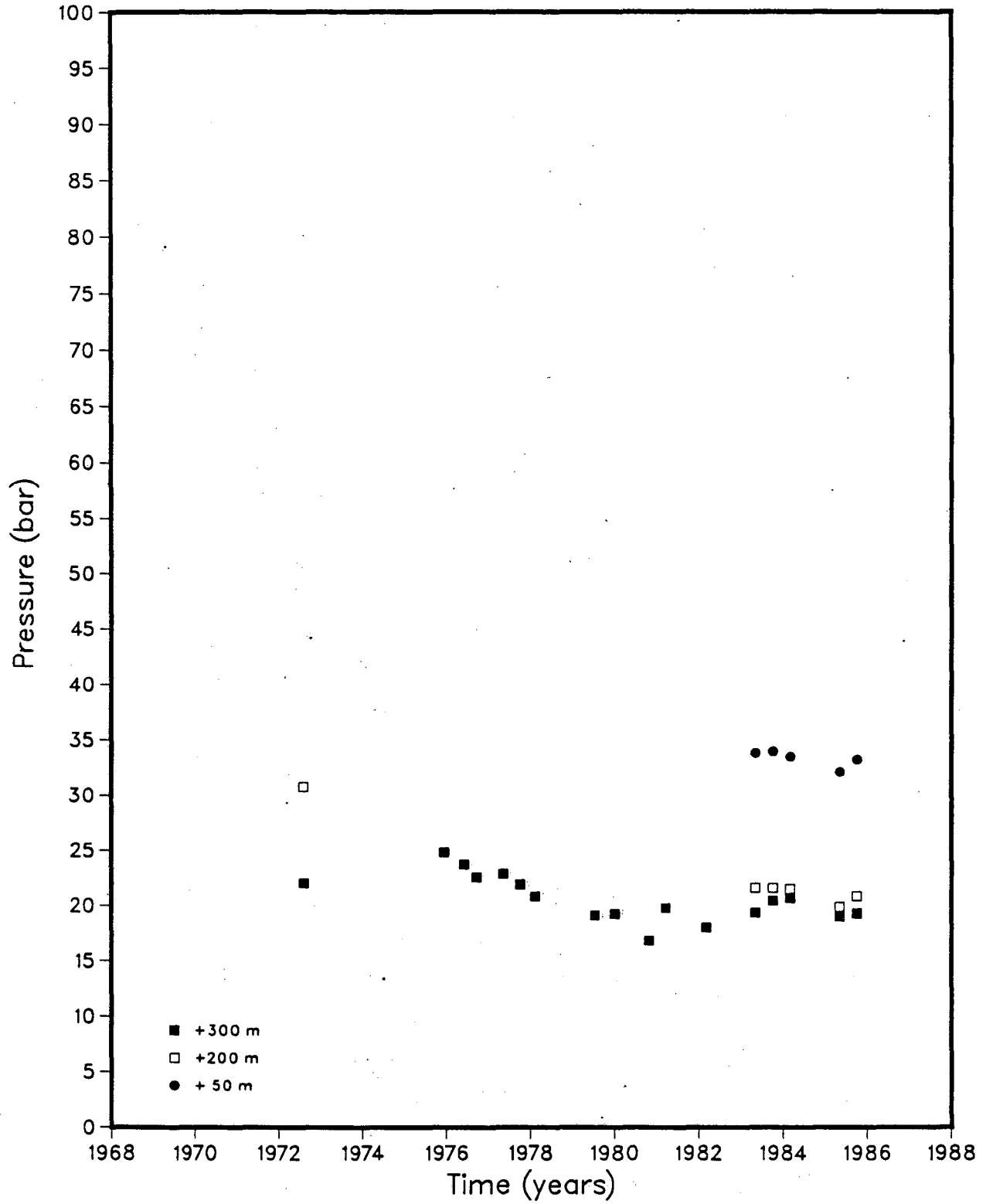
AH1 Pressure Trend



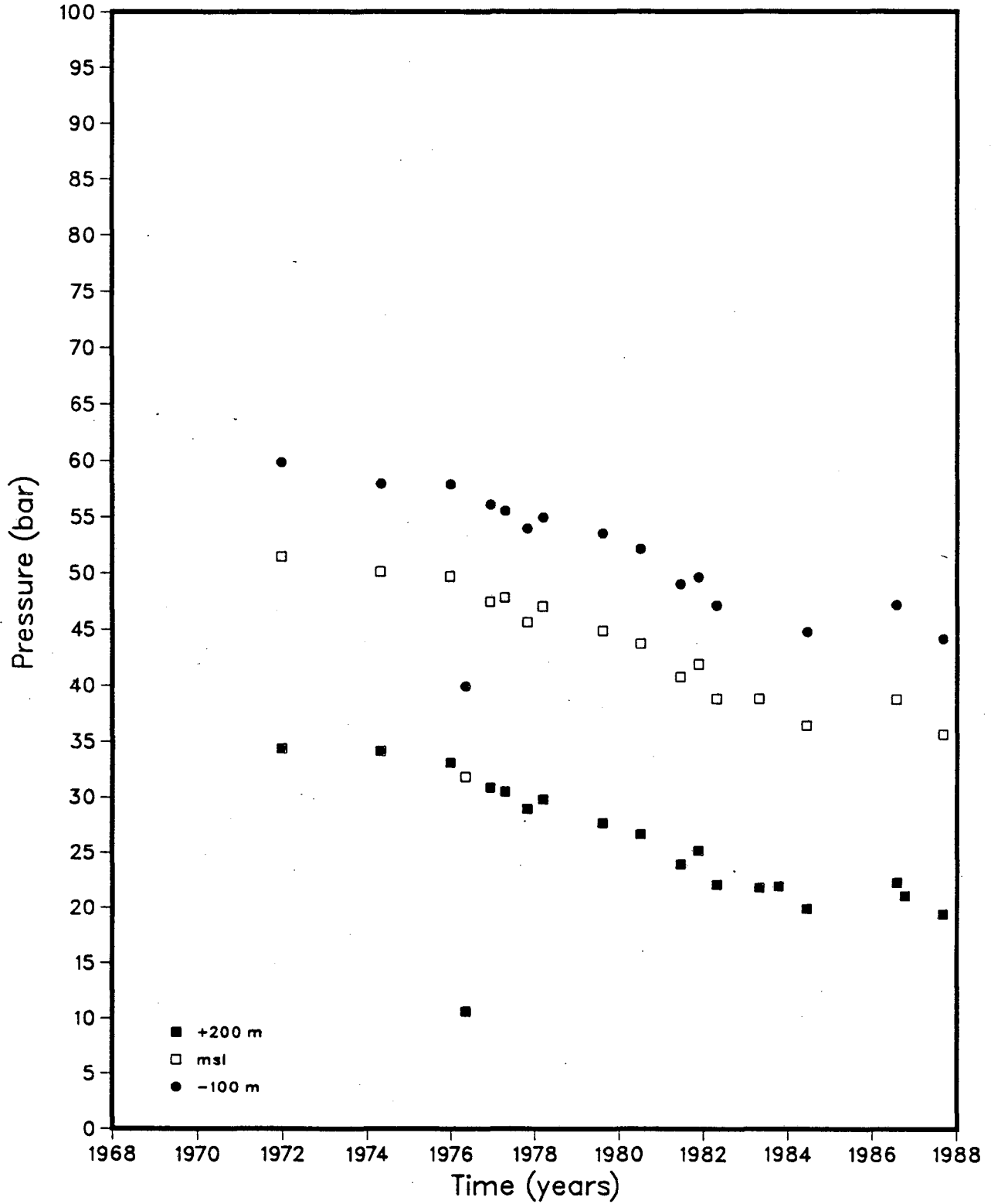
AH2 Pressure Trend



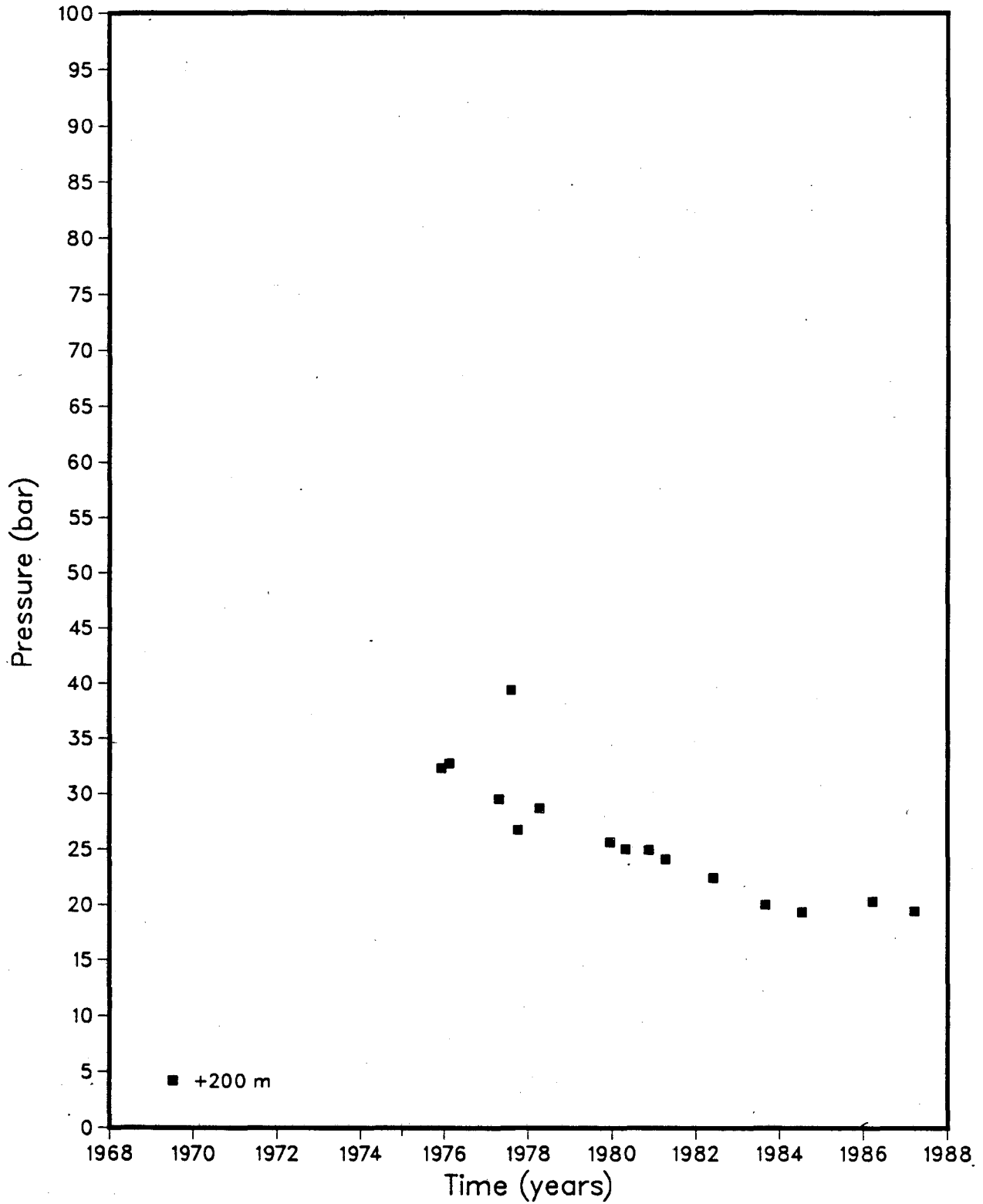
AH4 Pressure Trend



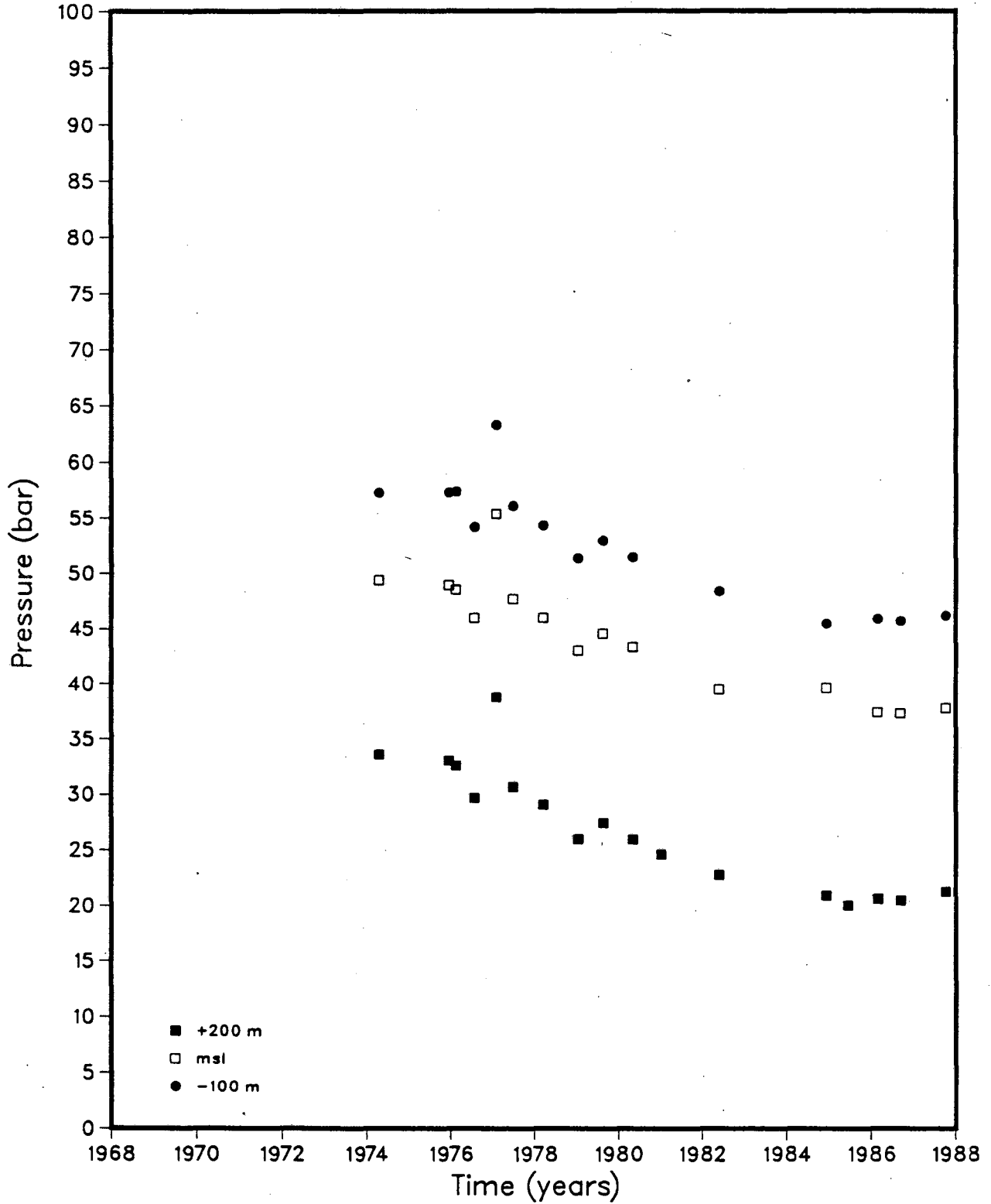
AH5 Pressure Trend



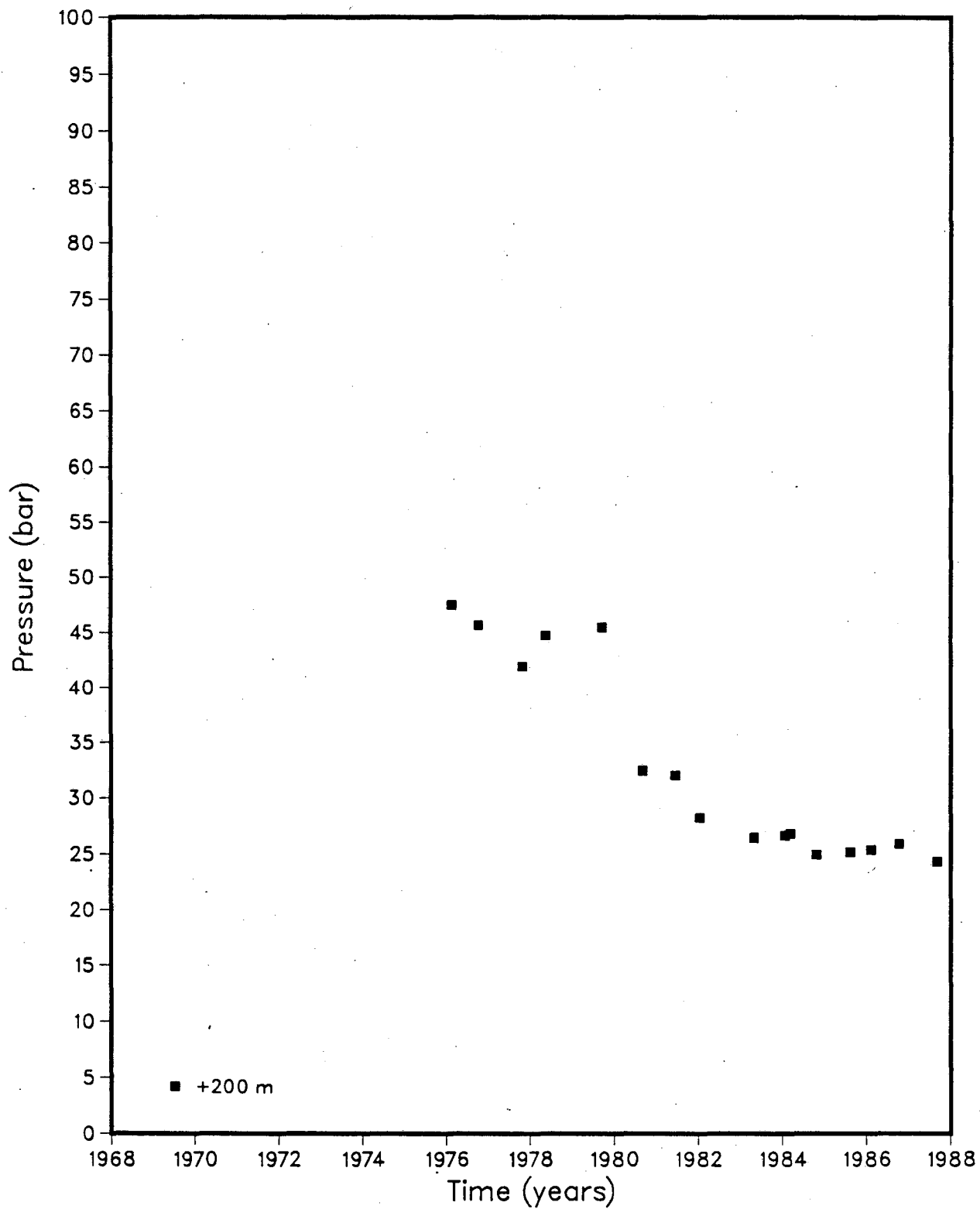
AH6 Pressure Trend



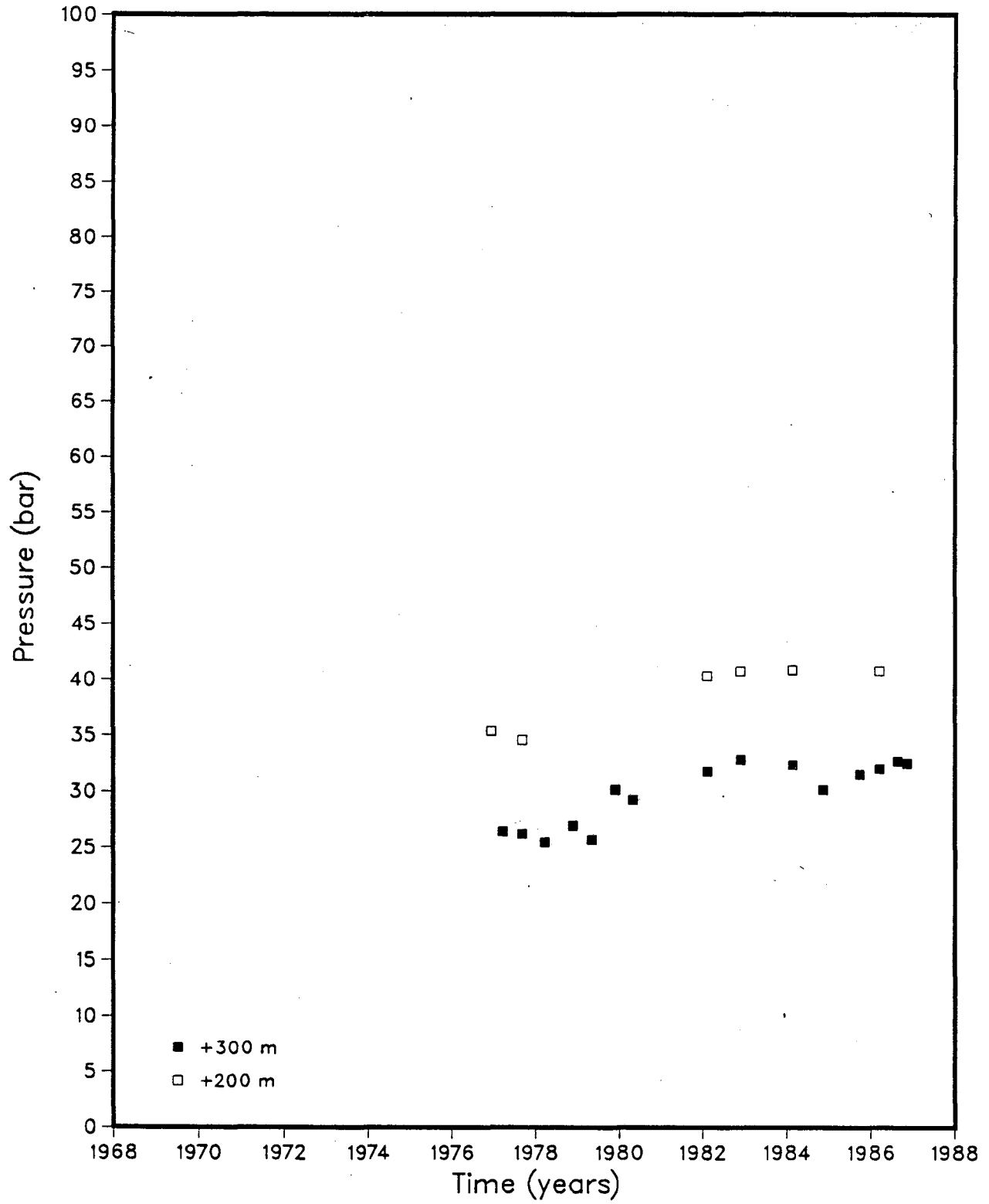
AH7 Pressure Trend



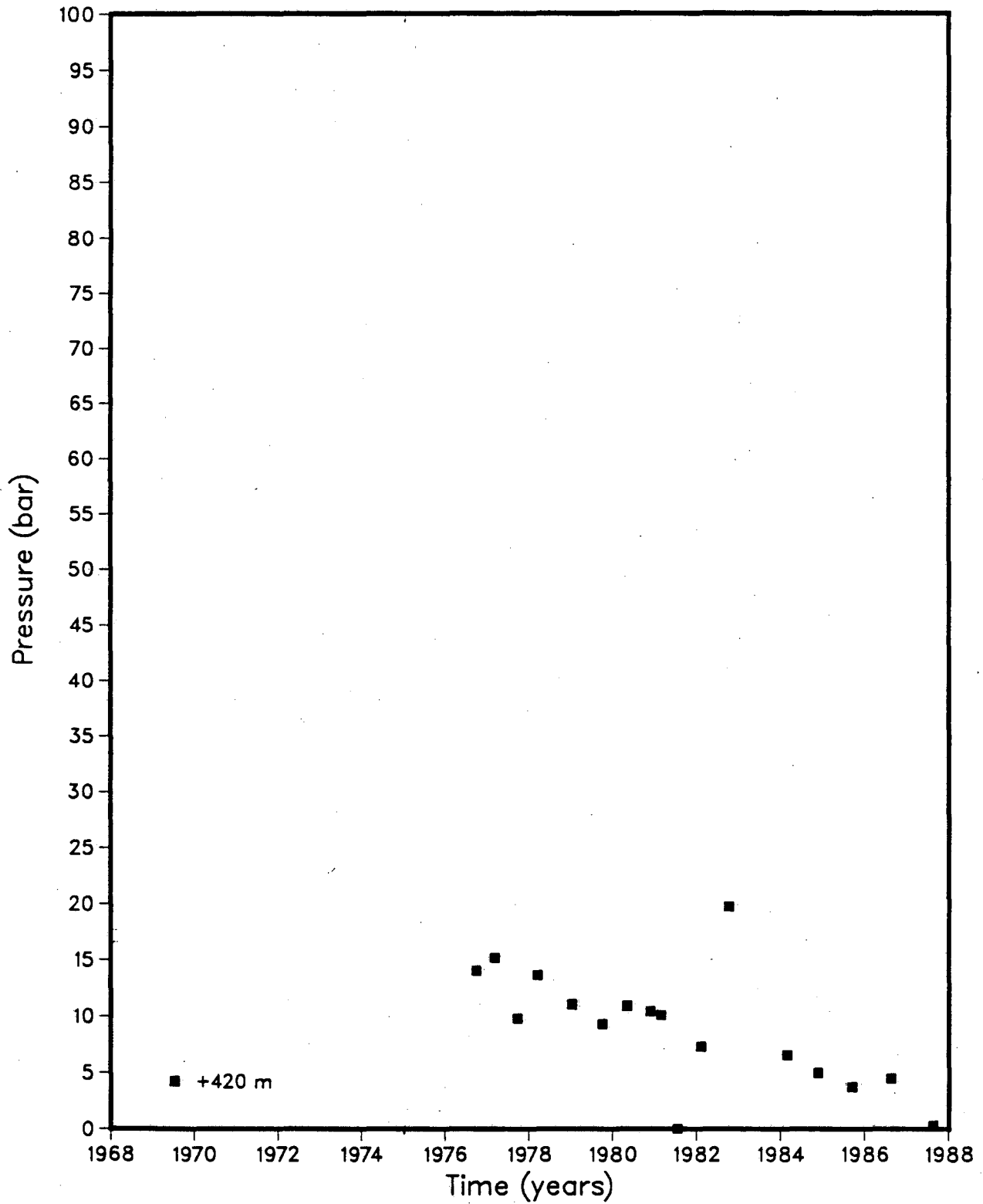
AH8 Pressure Trend



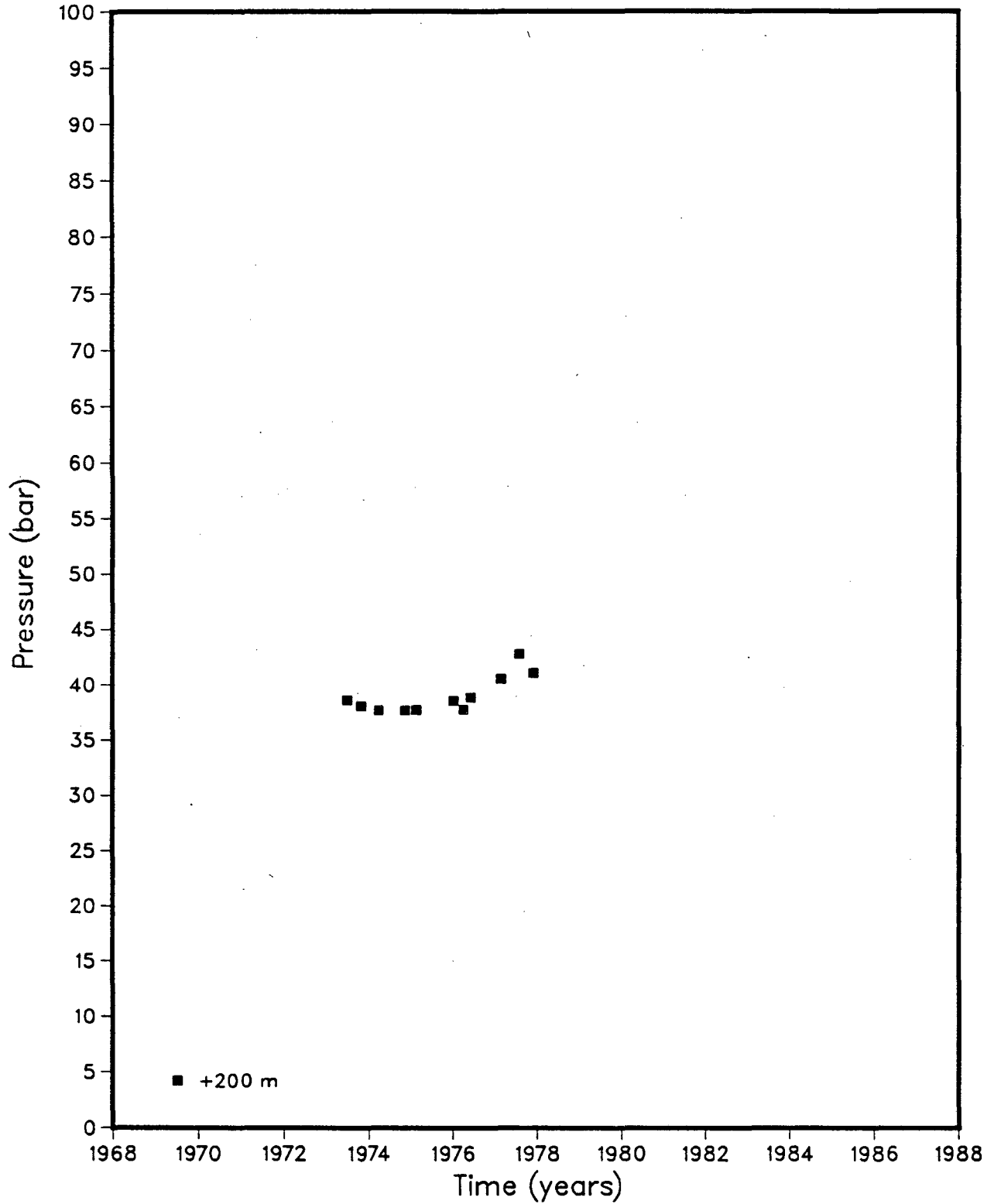
AH9 Pressure Trend



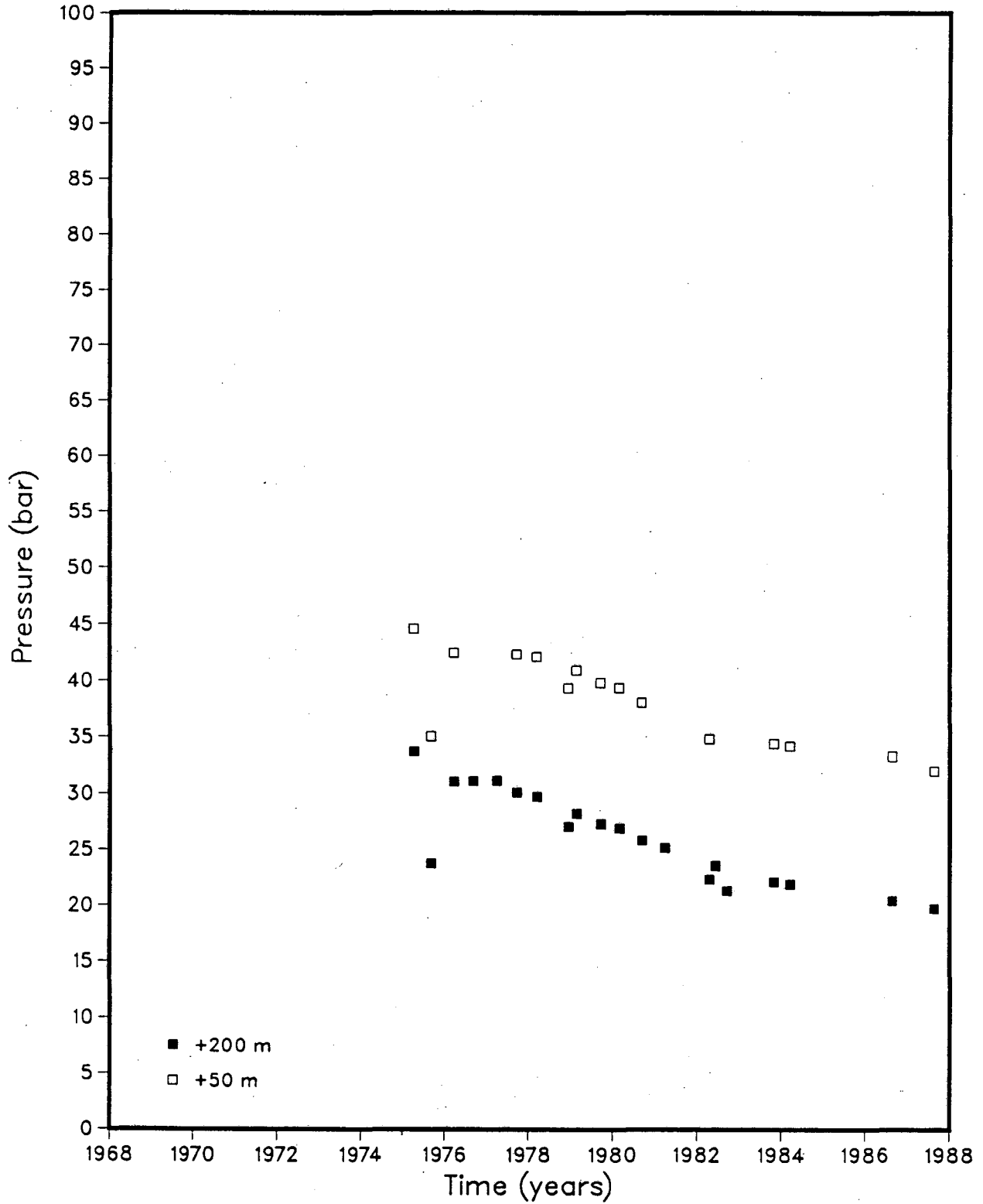
AH11 Pressure Trend



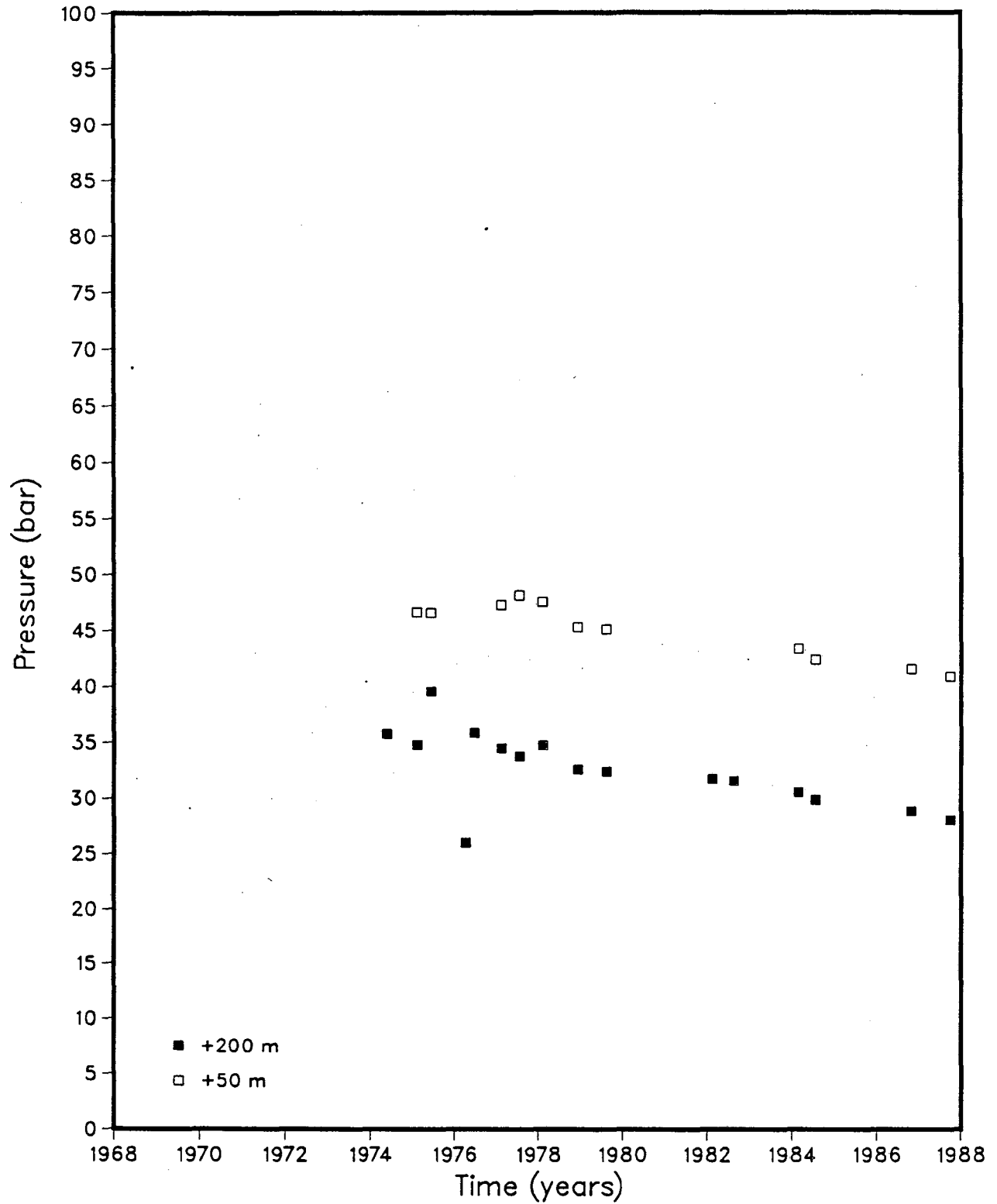
AH12 Pressure Trend



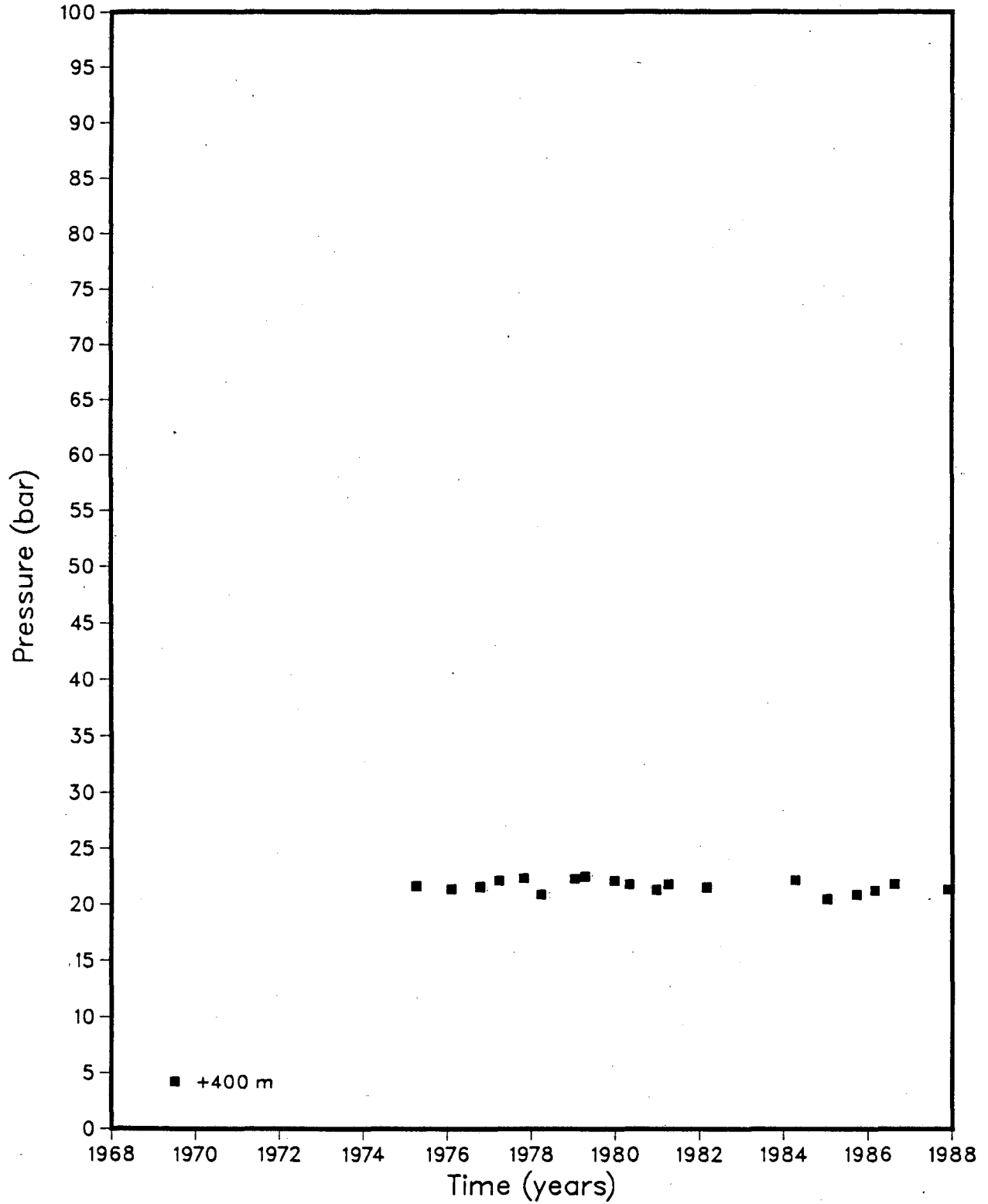
AH13 Pressure Trend



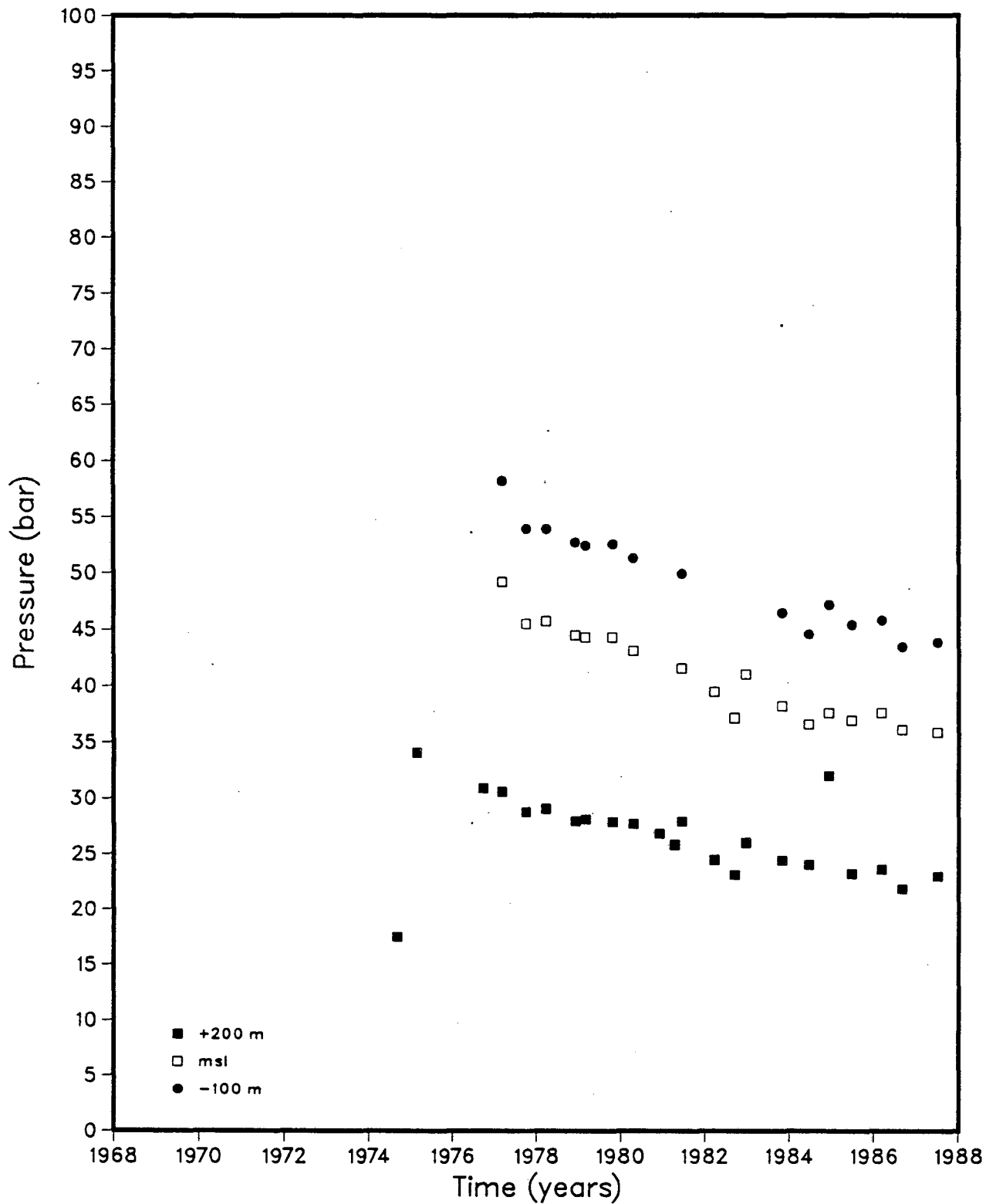
AH14 Pressure Trend



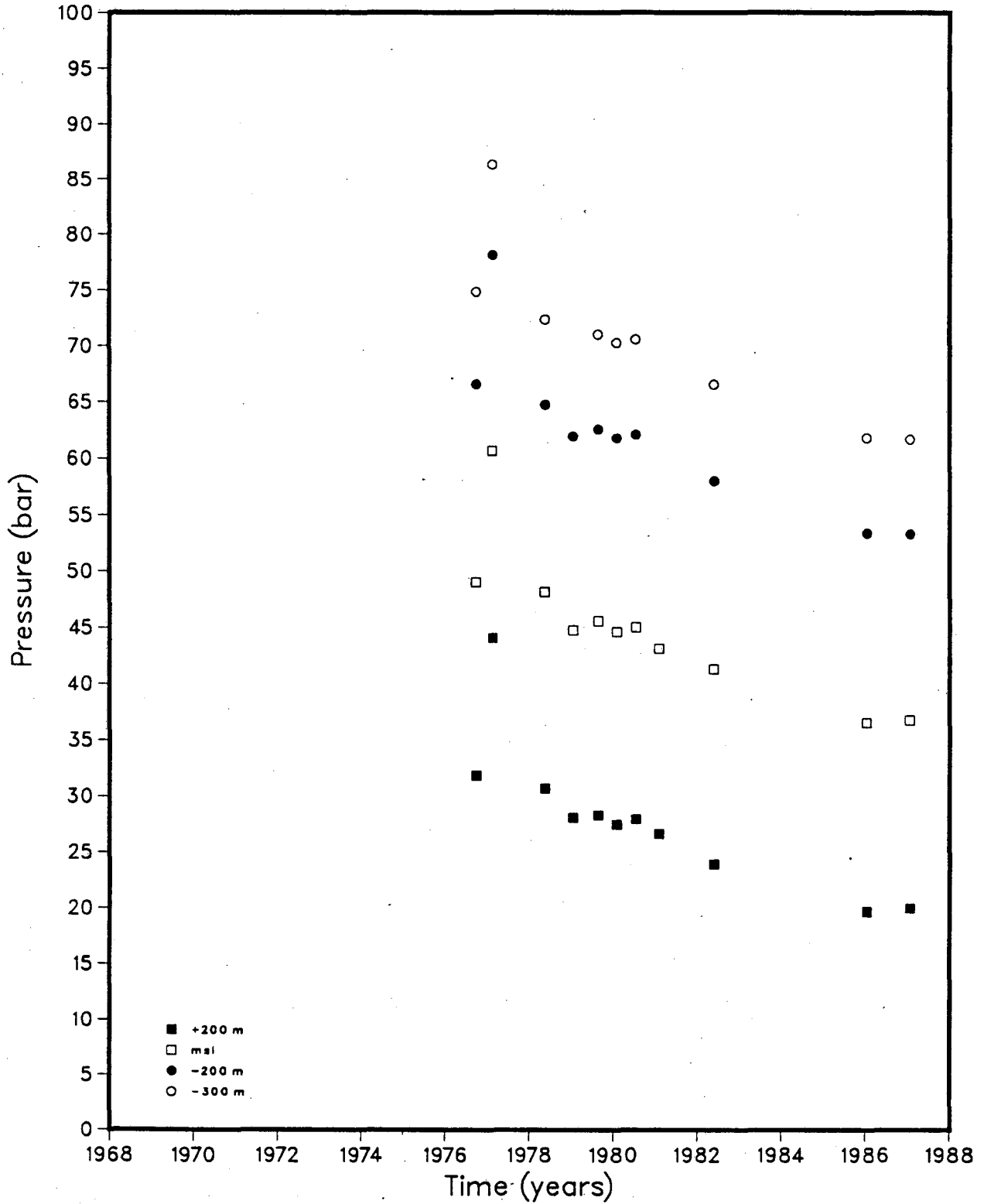
AH15 Pressure Trend



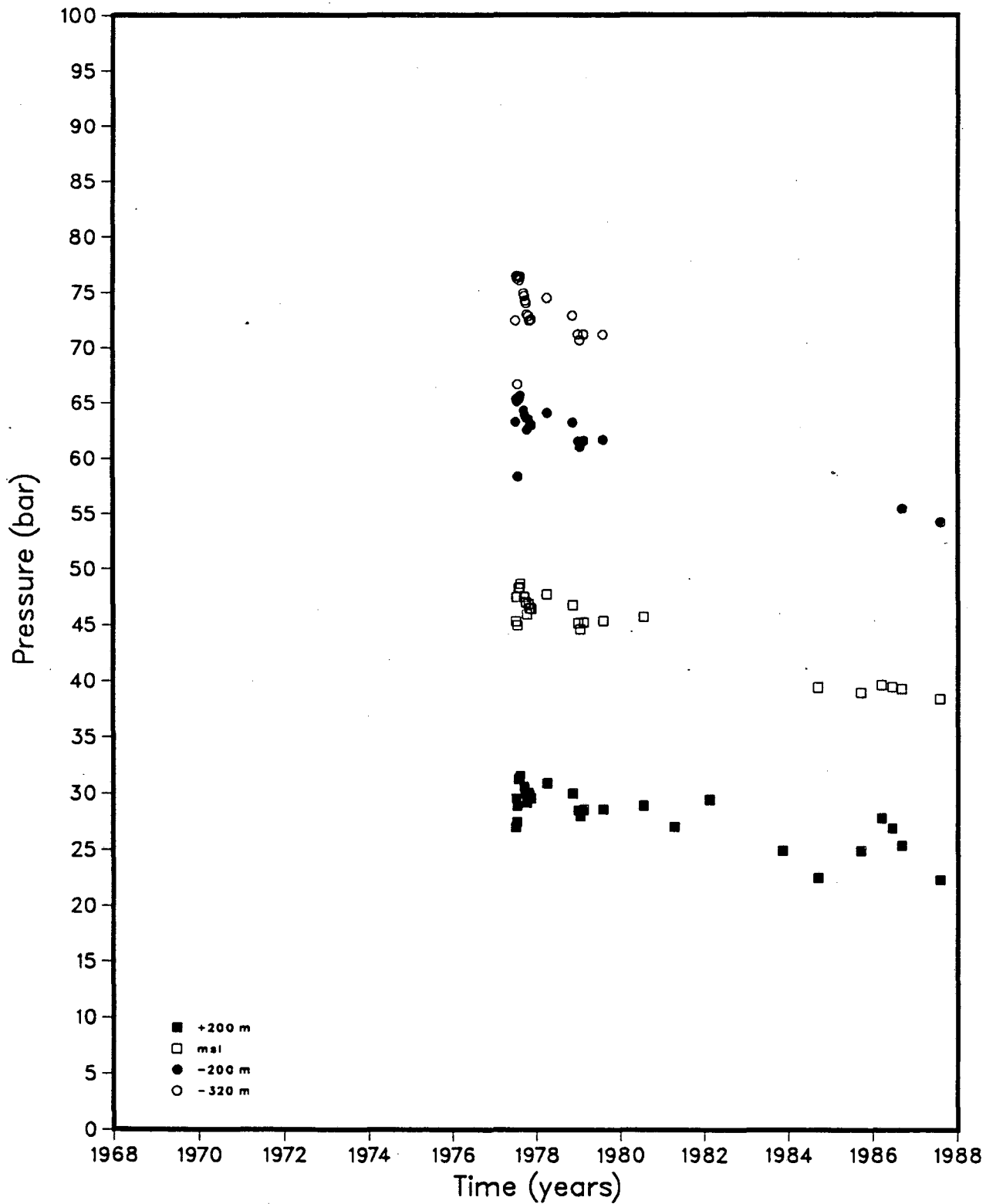
AH16 Pressure Trend



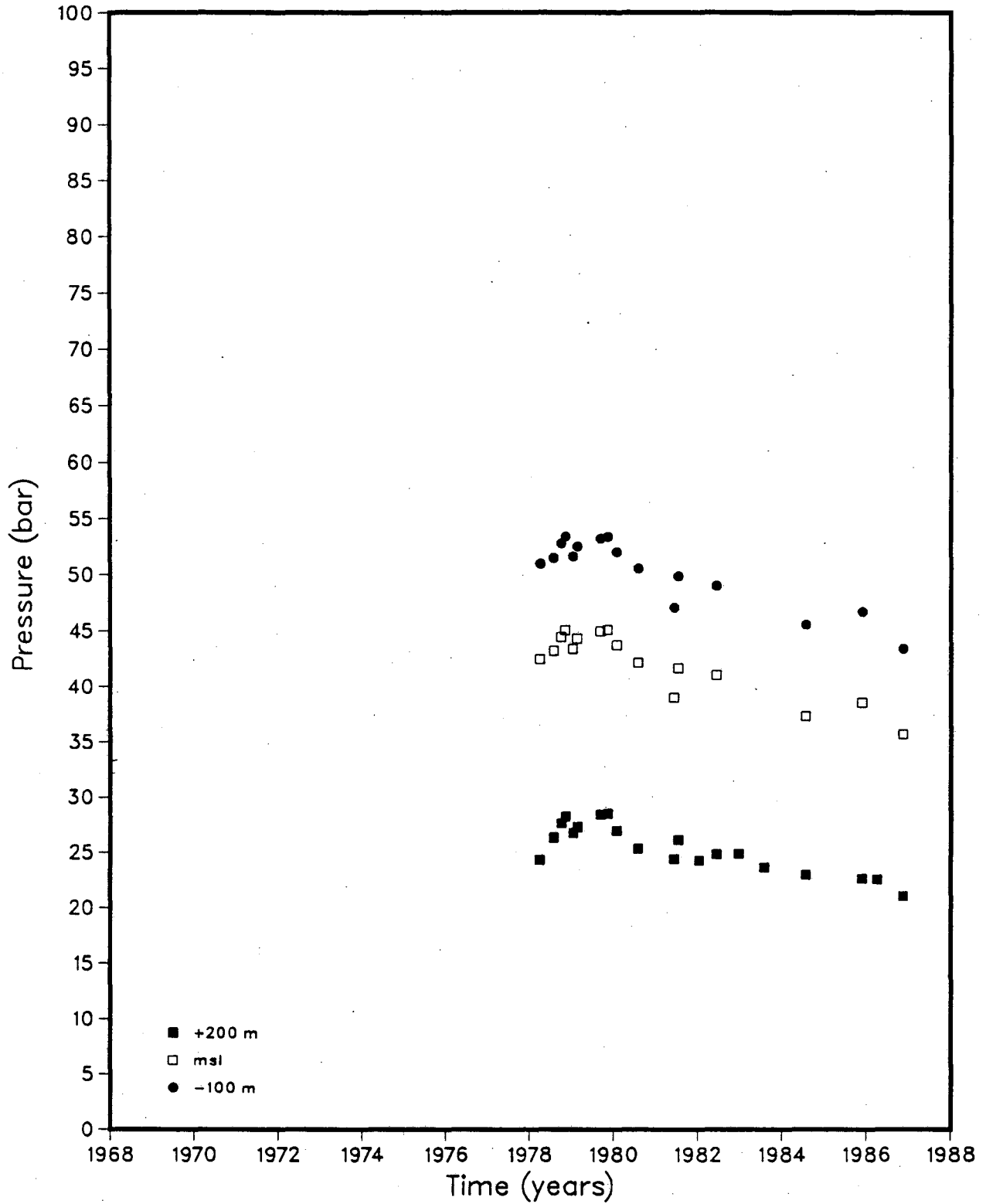
AH17 Pressure Trend



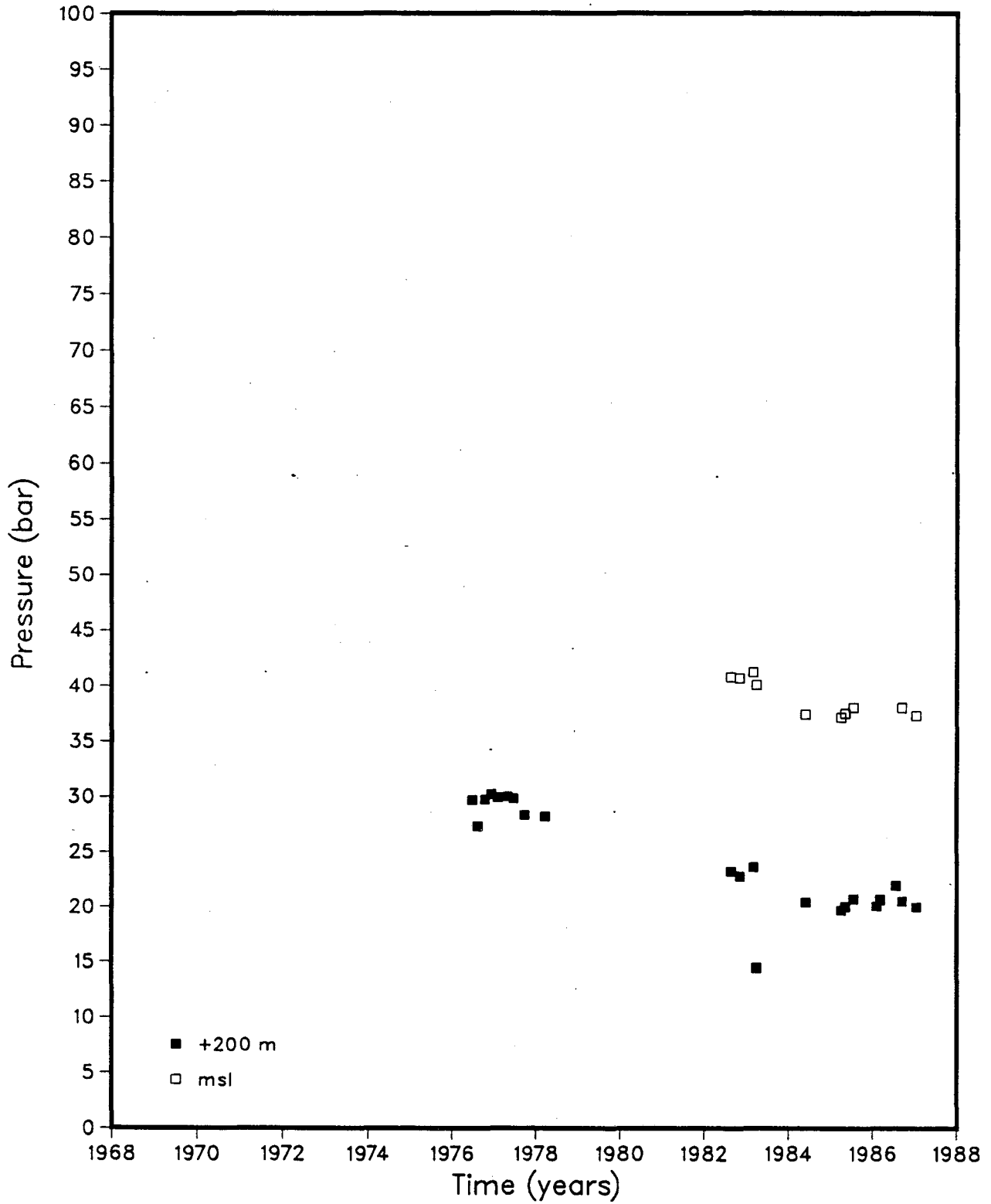
AH18 Pressure Trend



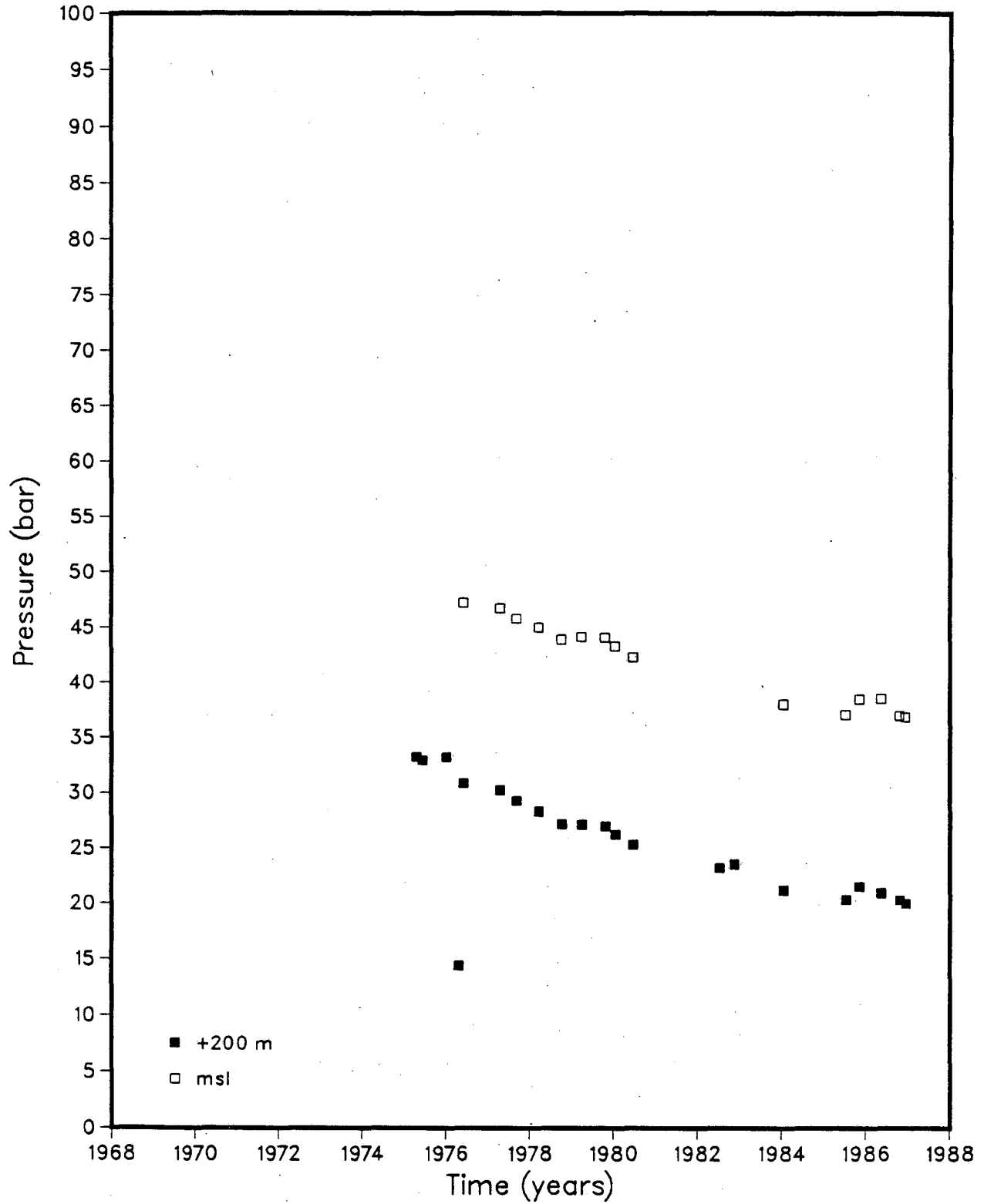
AH19 Pressure Trend



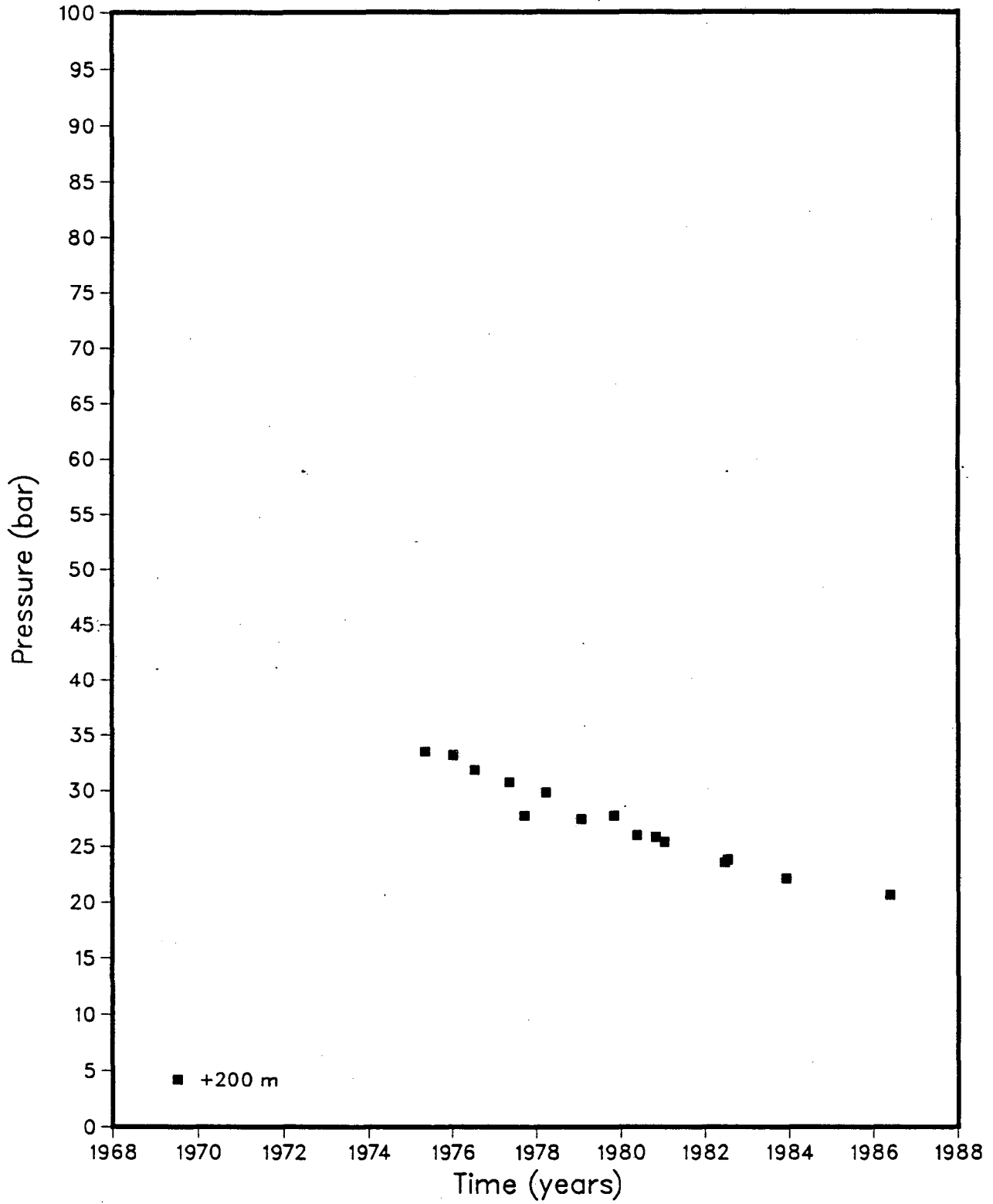
AH20 Pressure Trend



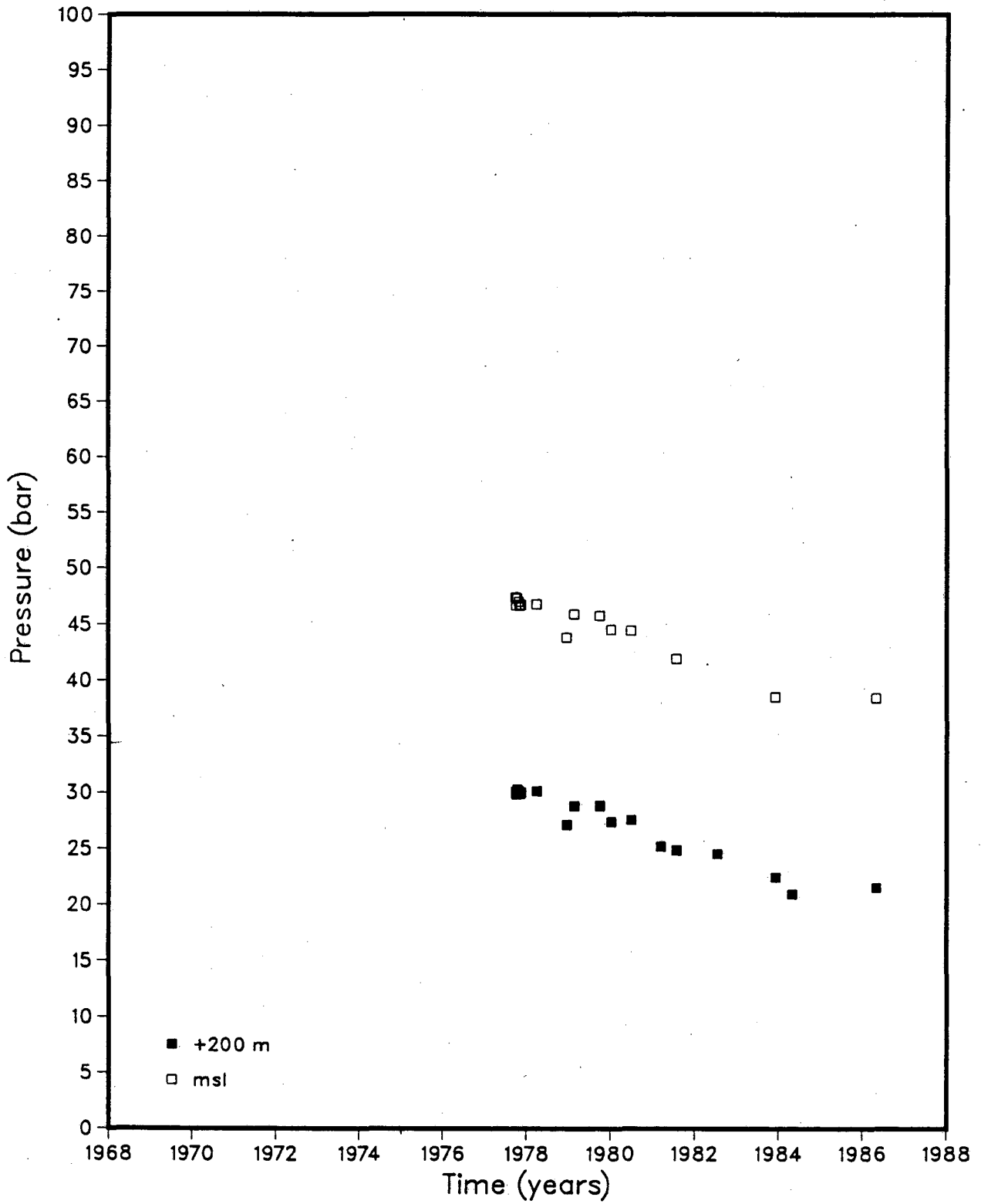
AH21 Pressure Trend



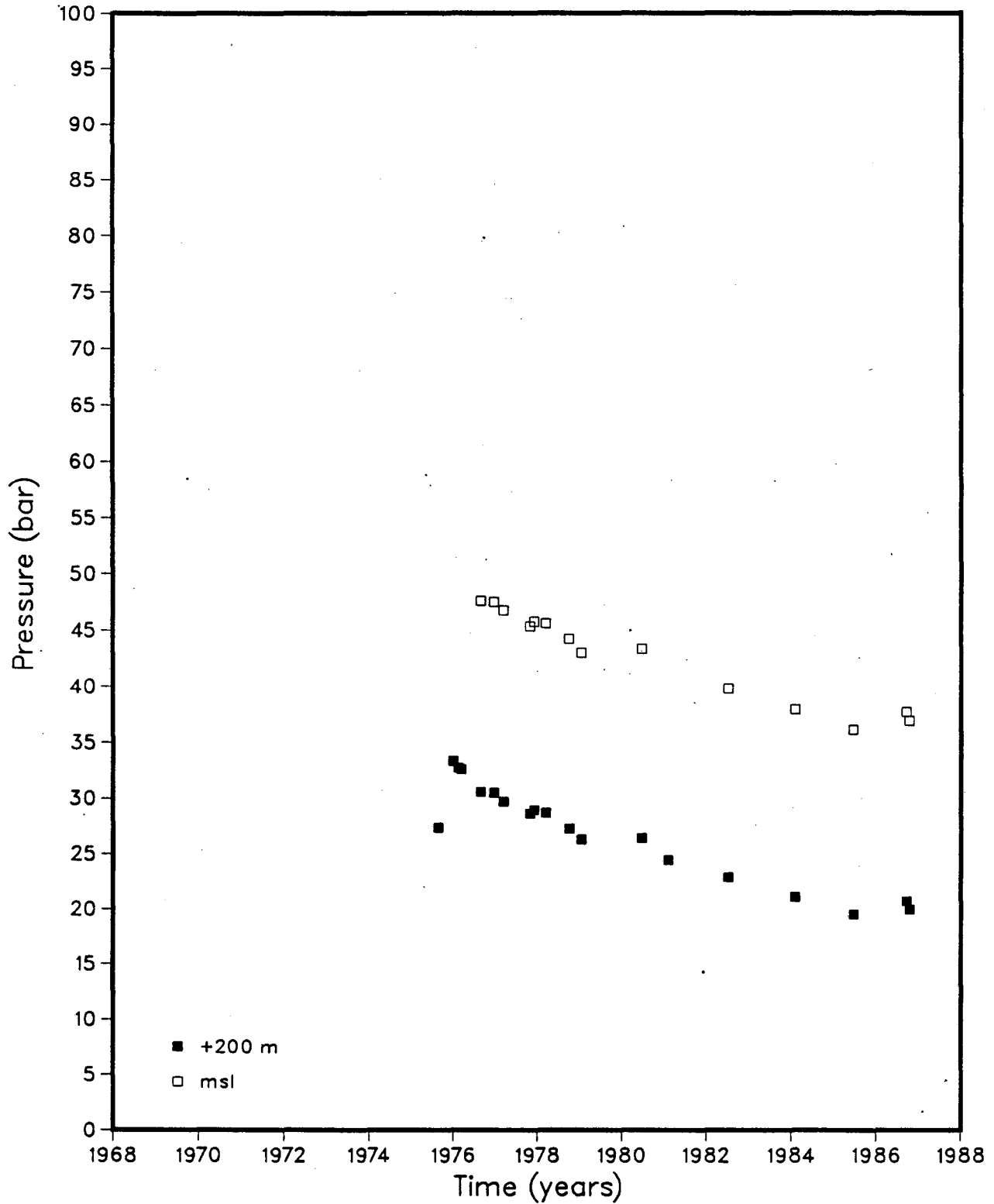
AH22 Pressure Trend



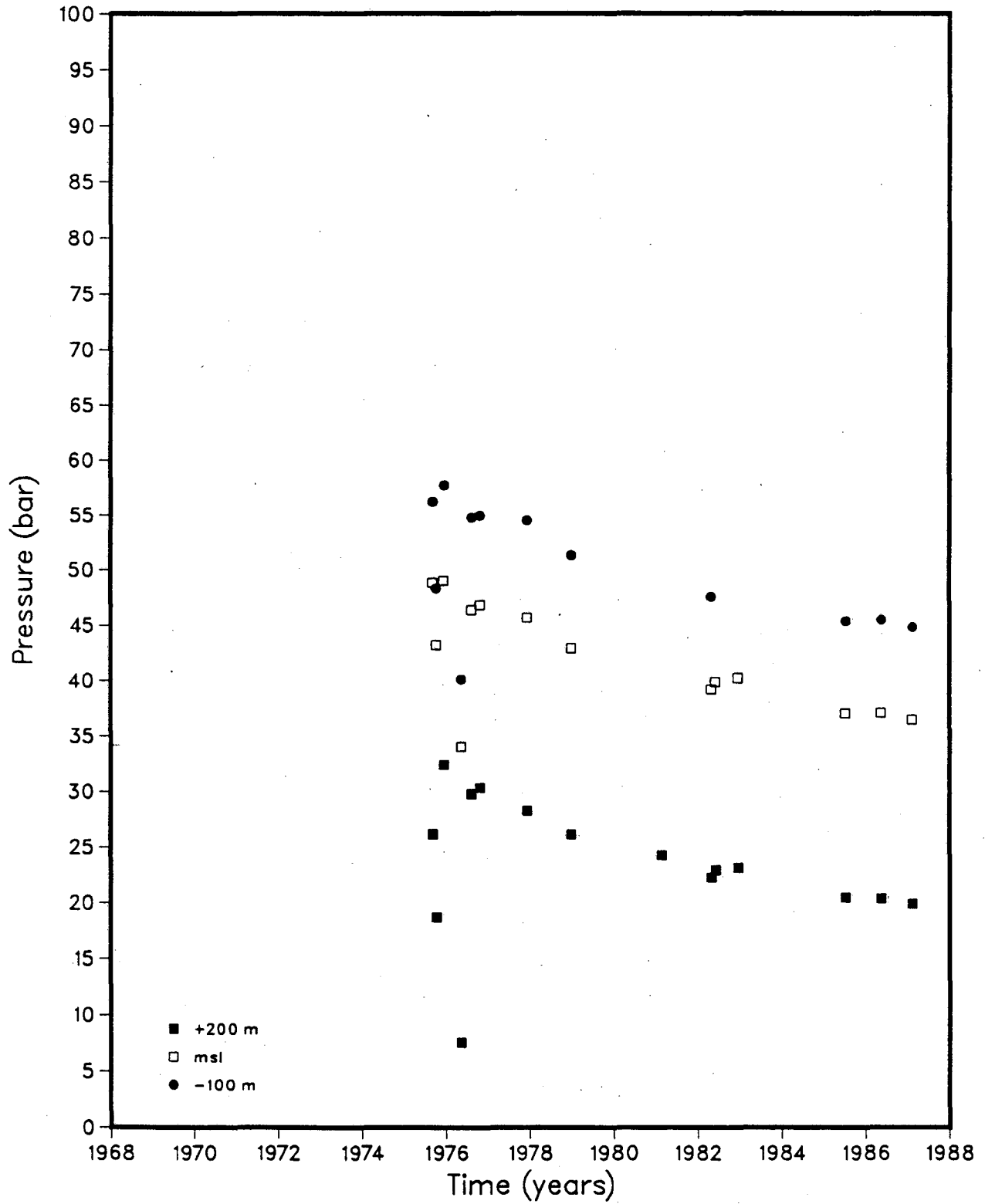
AH23 Pressure Trend



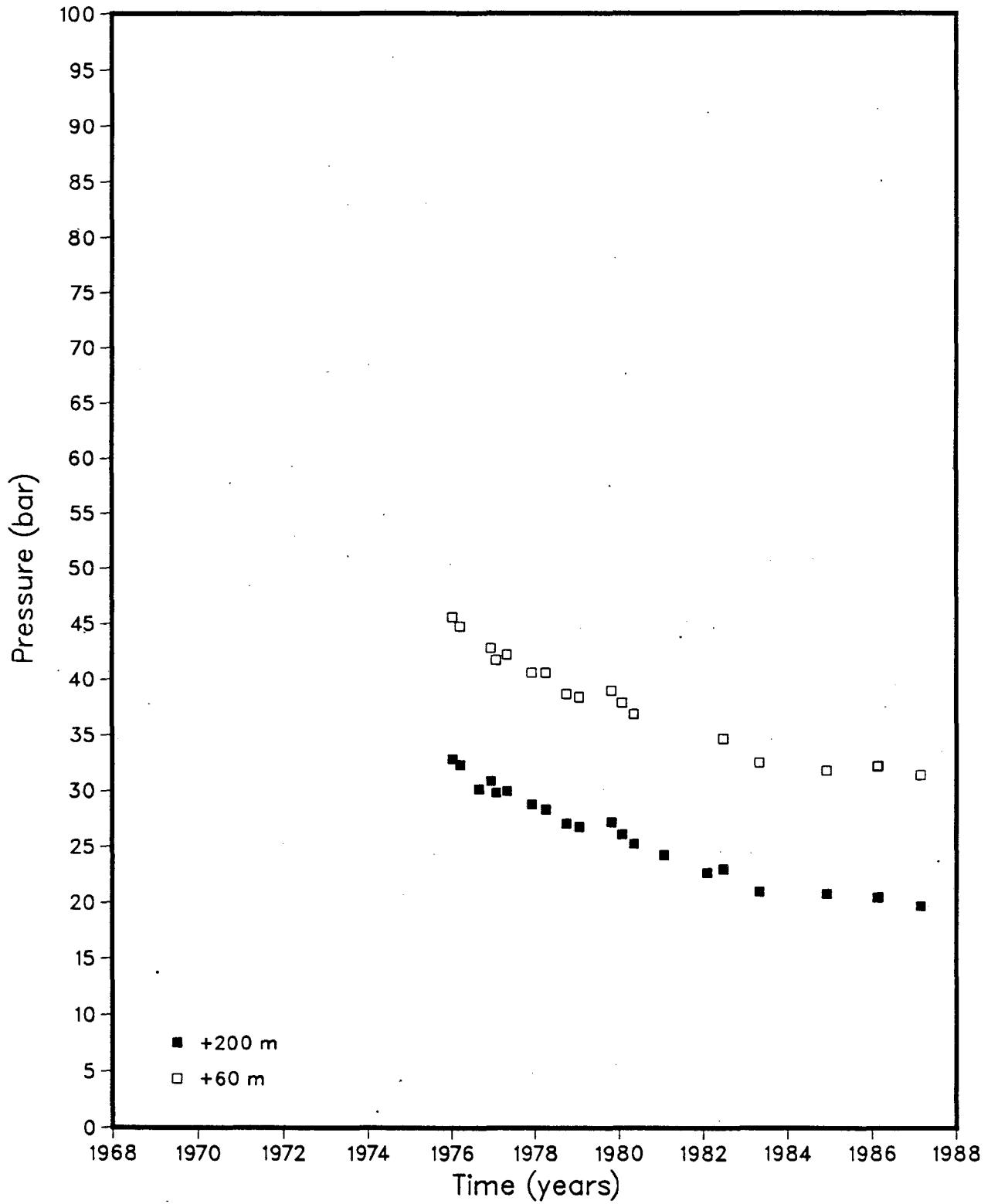
AH24 Pressure Trend



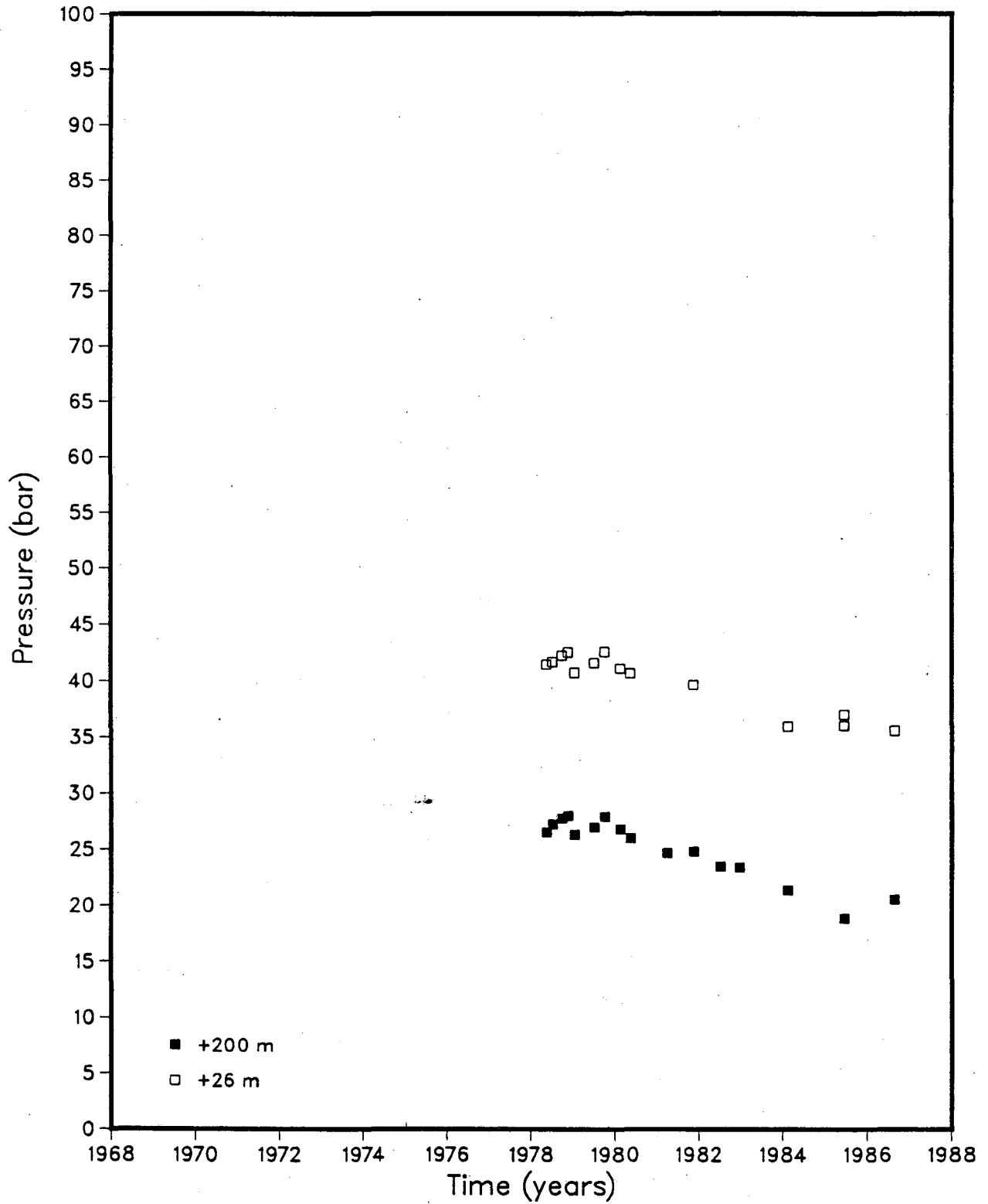
AH25 Pressure Trend



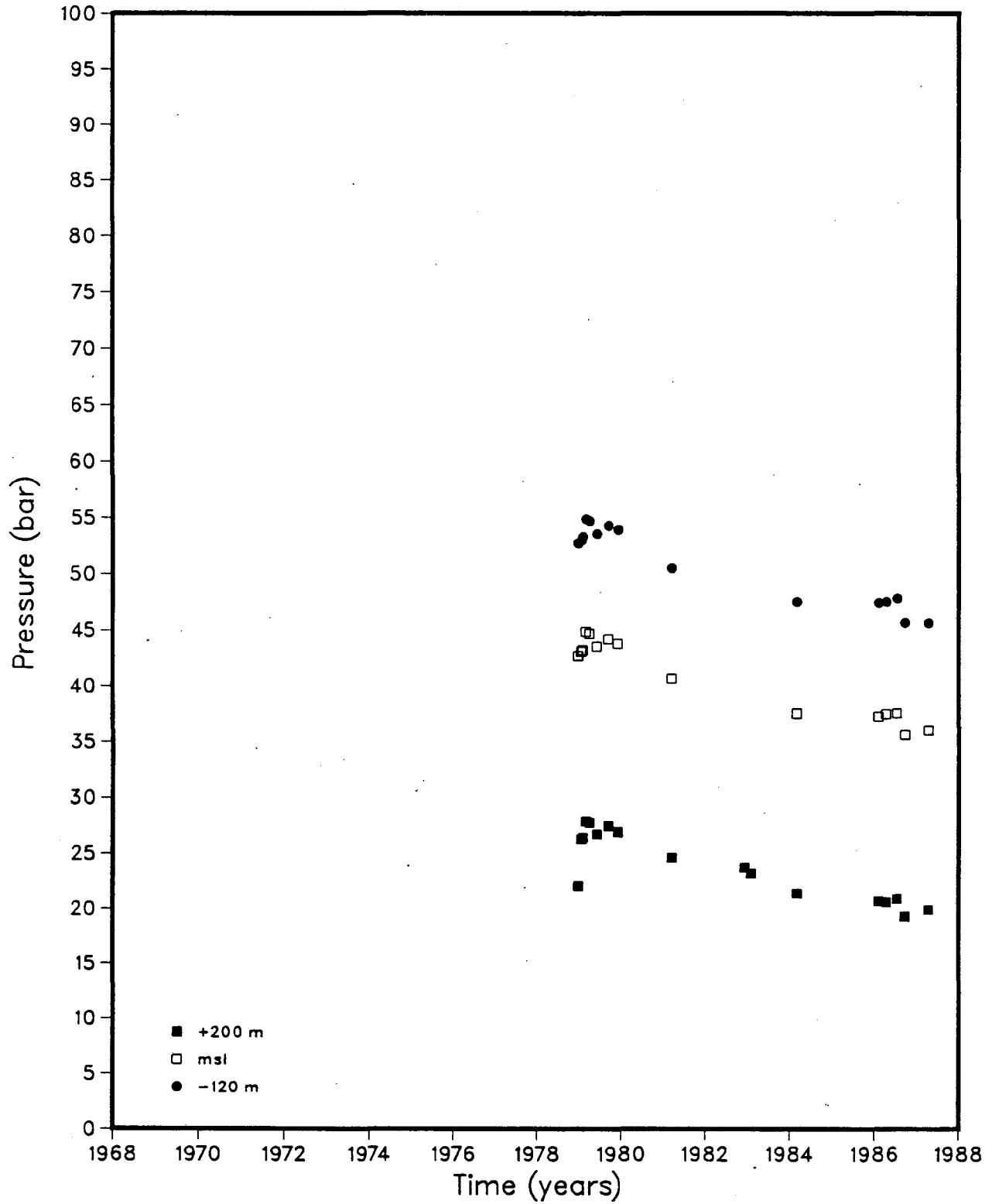
AH26 Pressure Trend



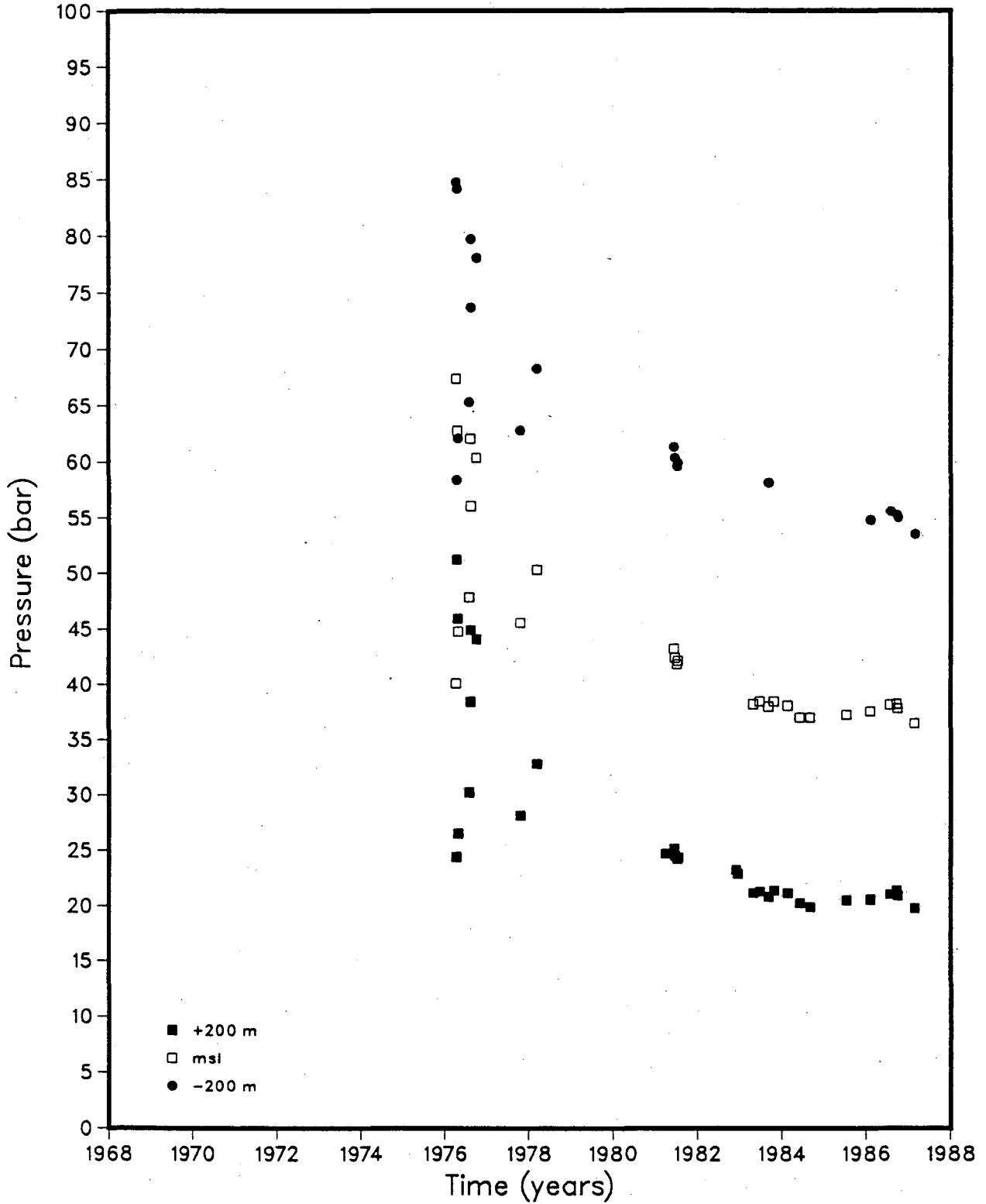
AH27 Pressure Trend



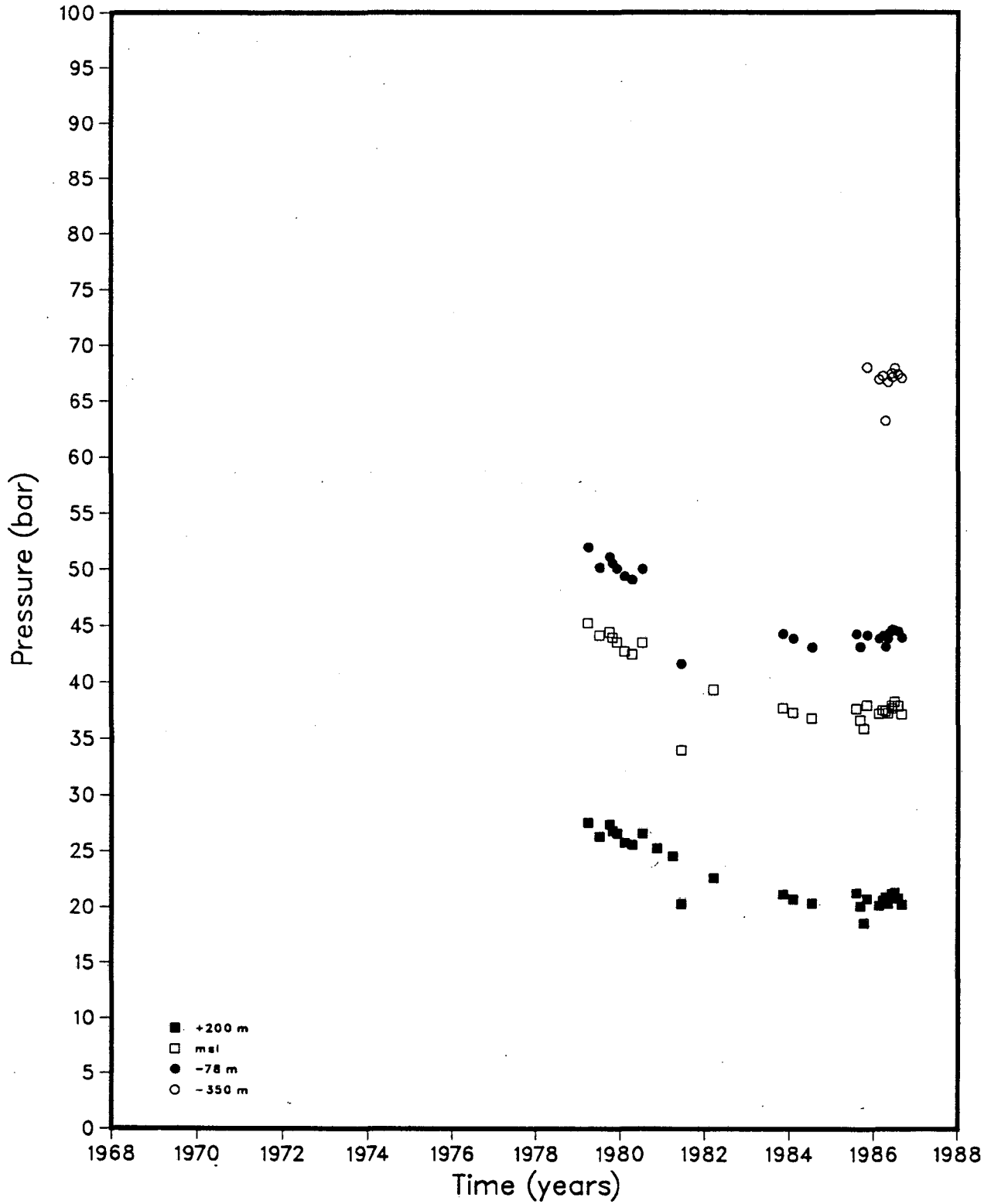
AH28 Pressure Trend



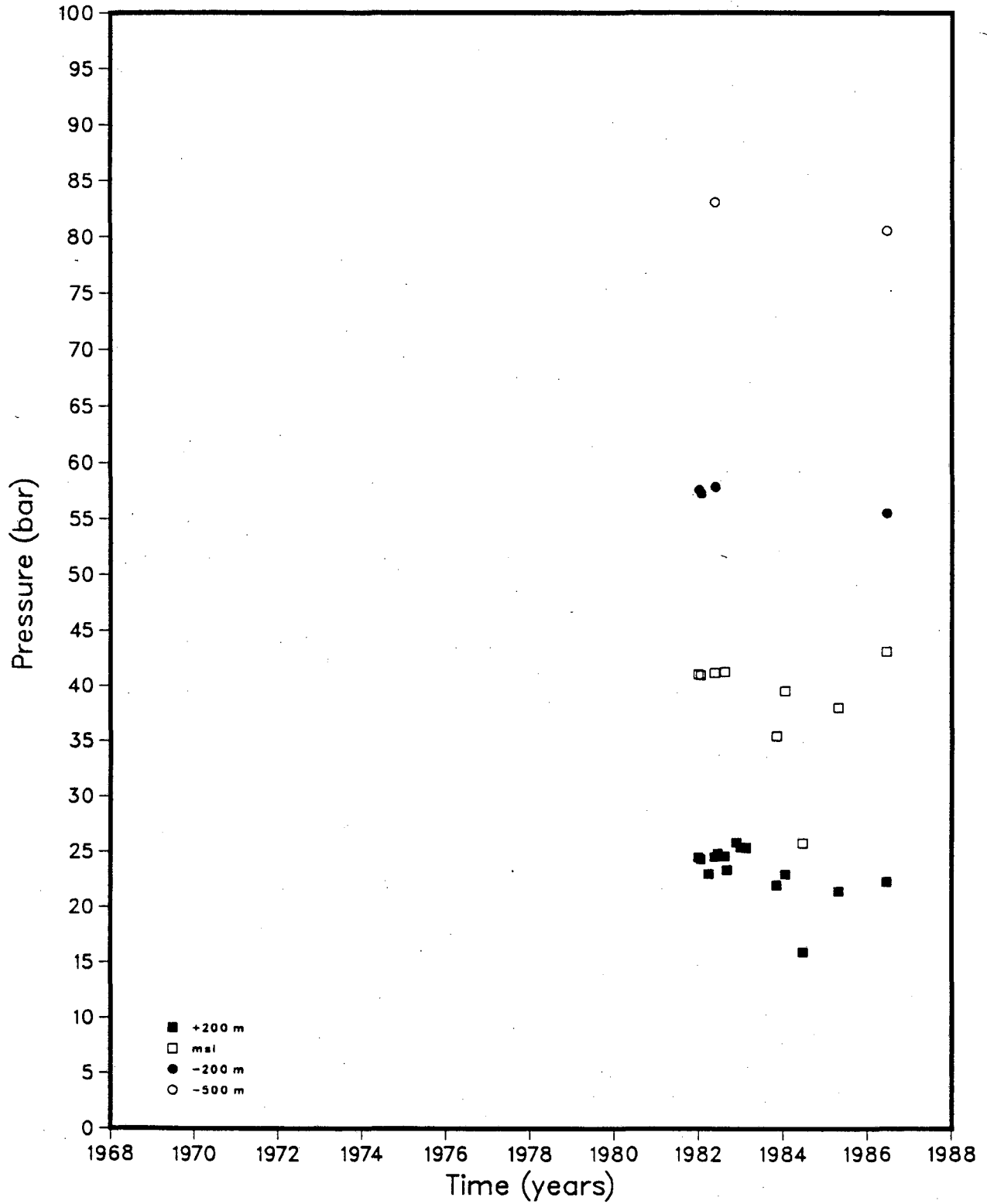
AH29 Pressure Trend



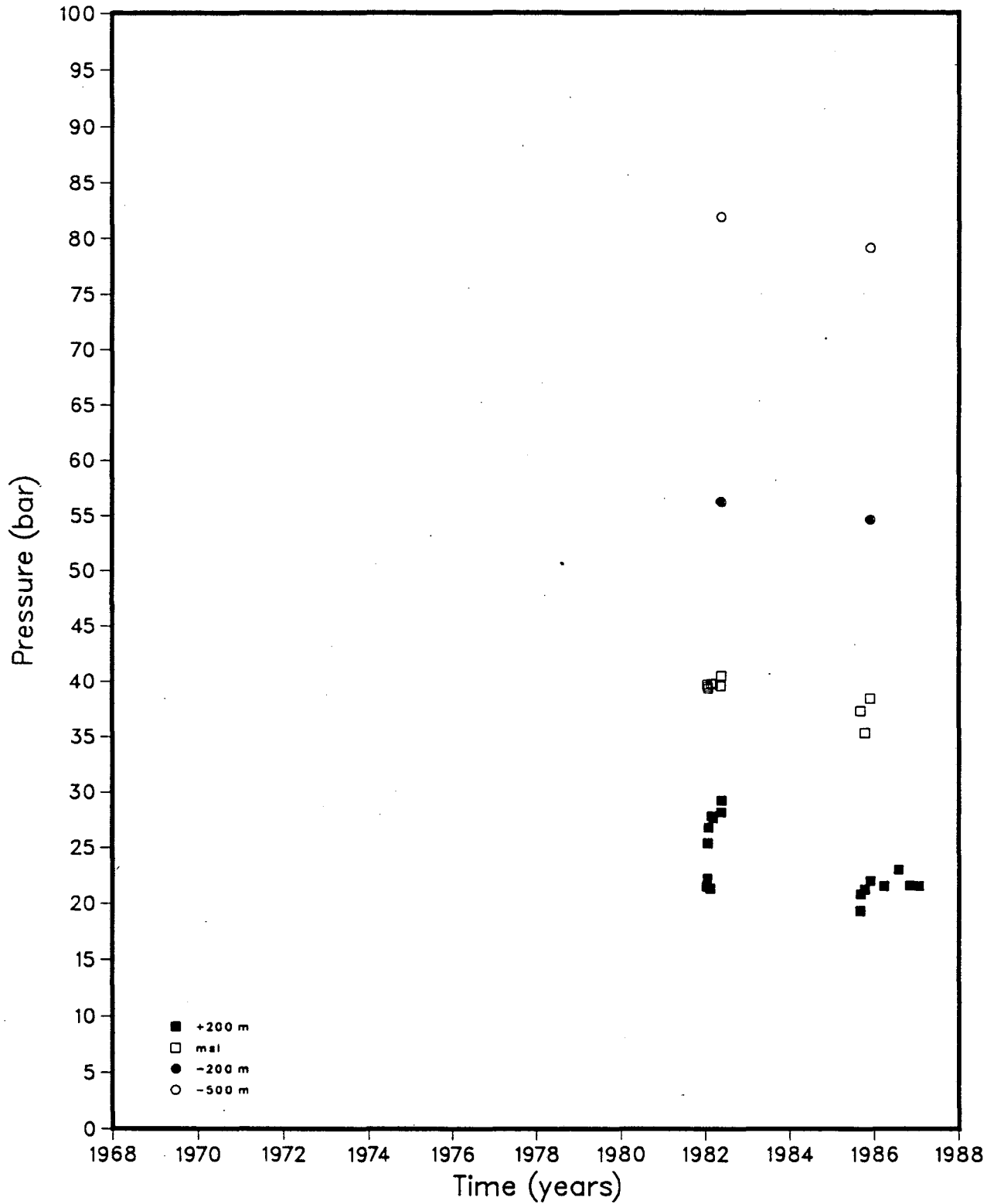
AH30 Pressure Trend



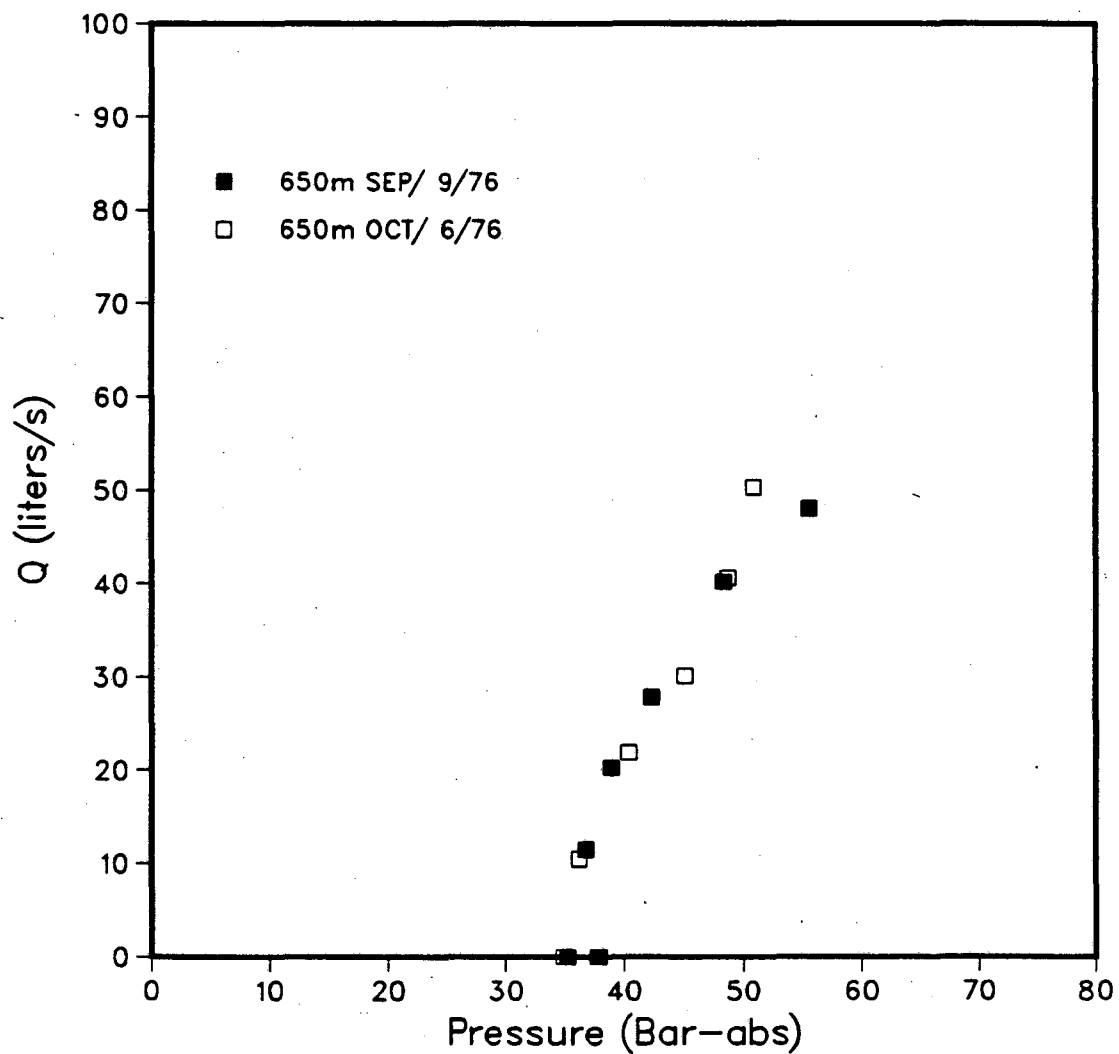
AH31 Pressure Trend



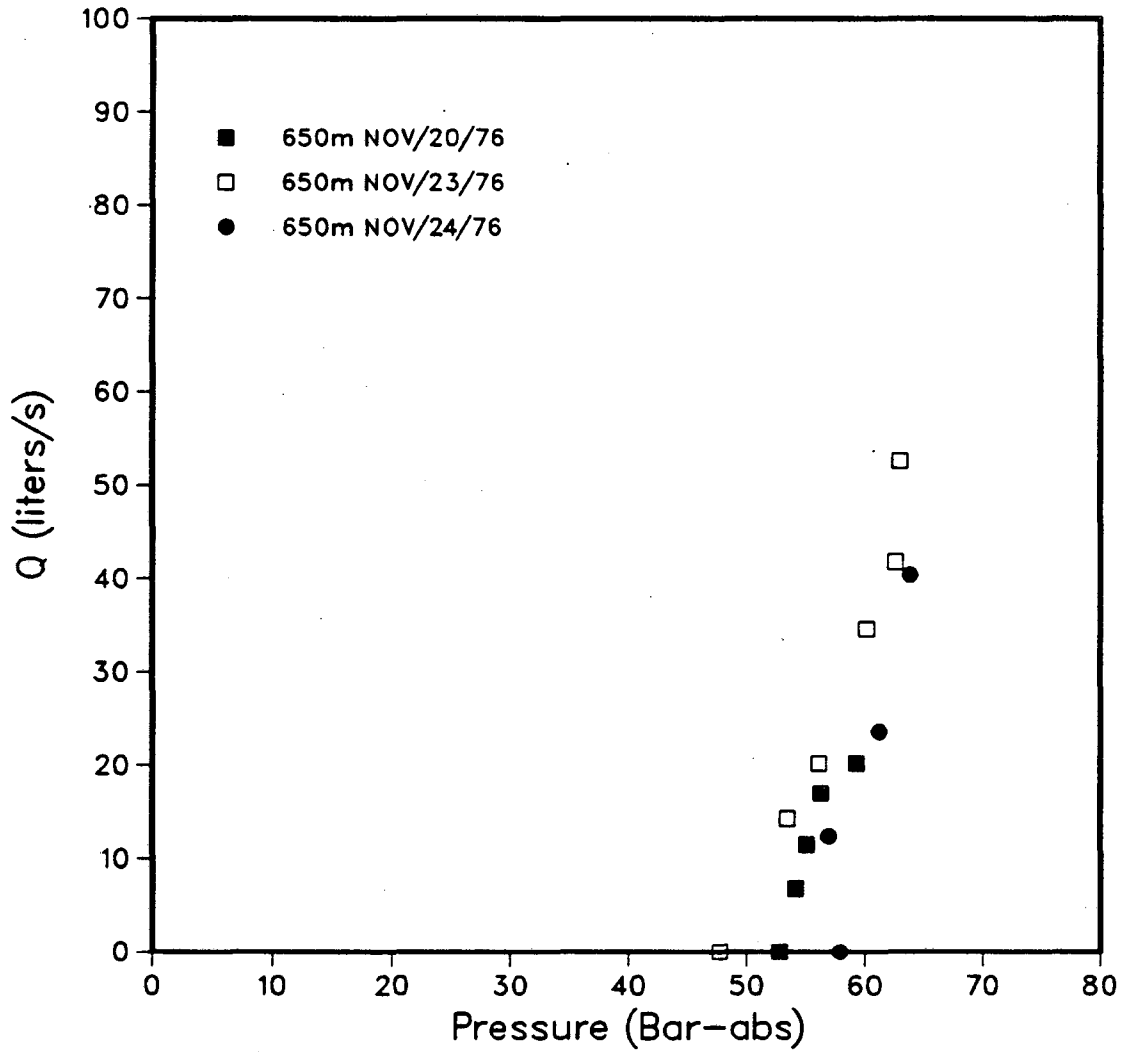
AH32 Pressure Trend



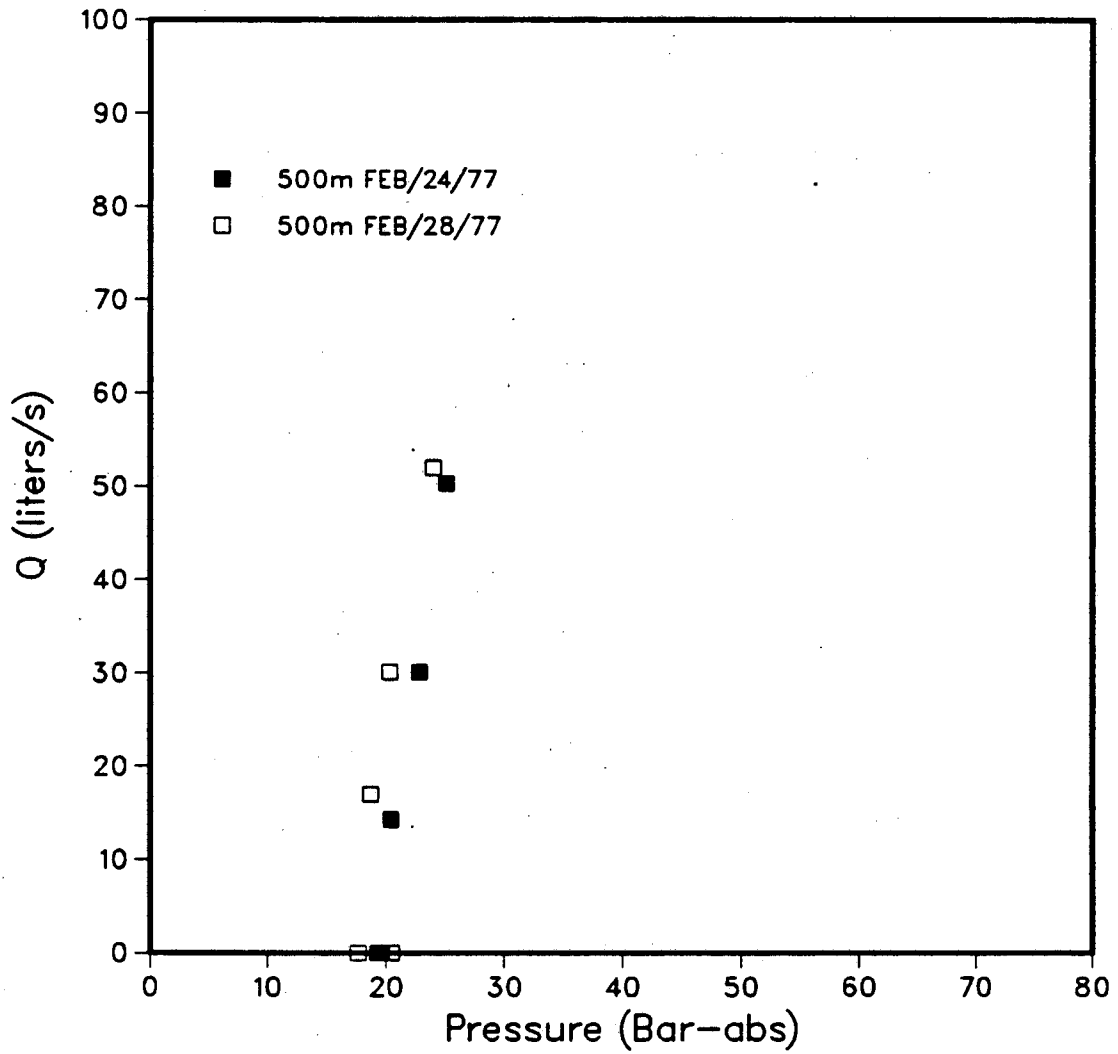
AH2 Injectivity Index Test



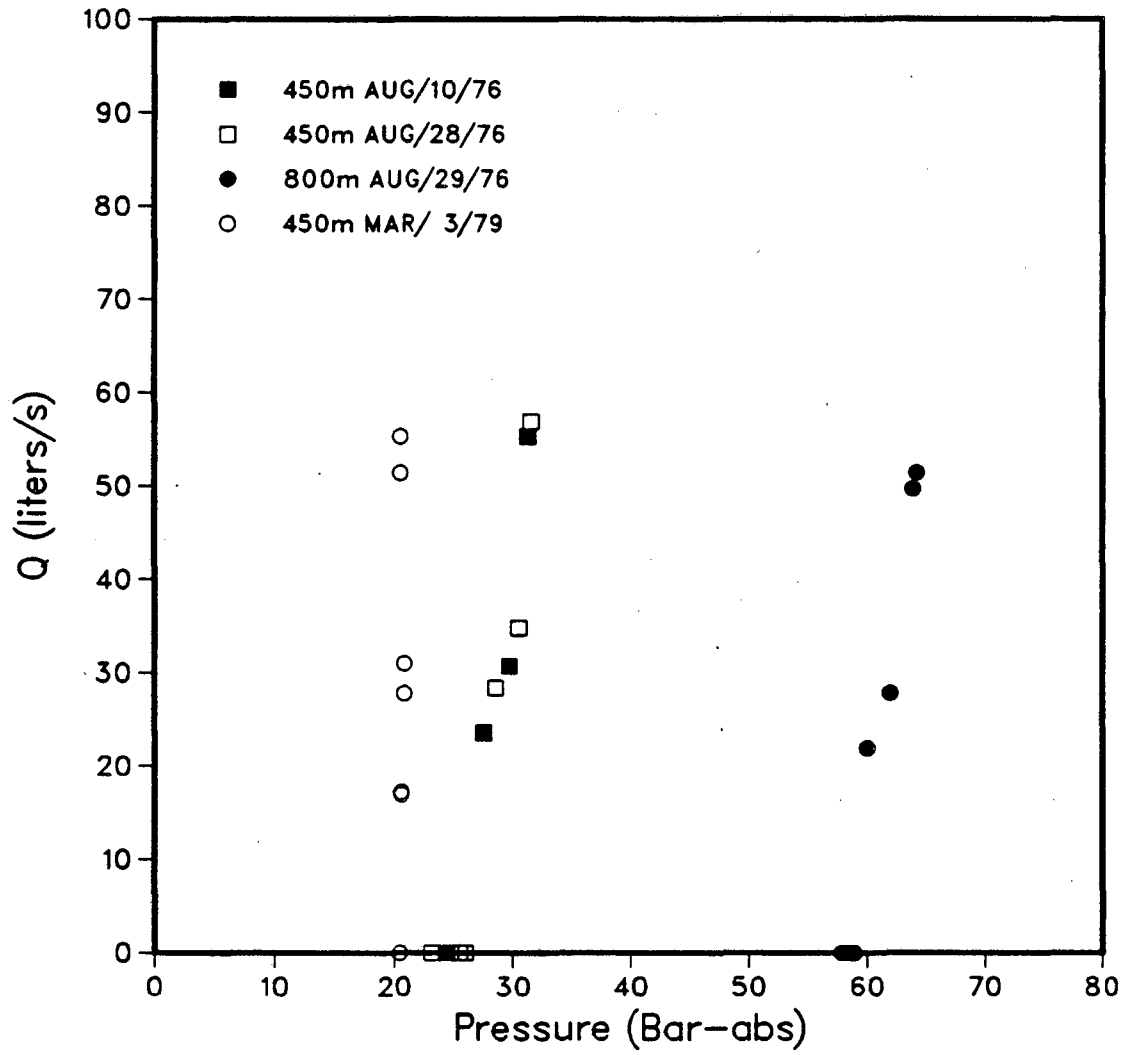
AH14 Injectivity Index Test



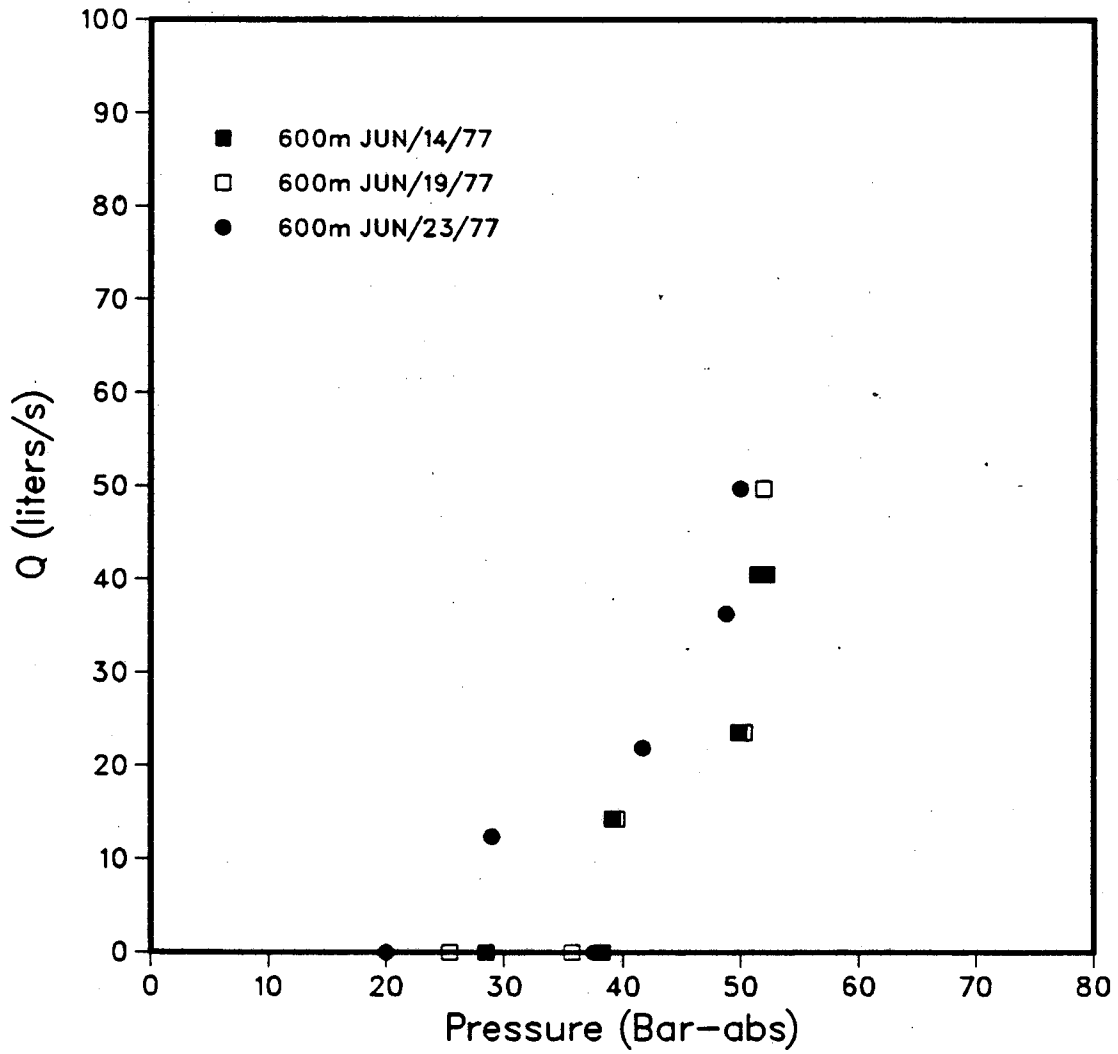
AH16 Injectivity Index Test



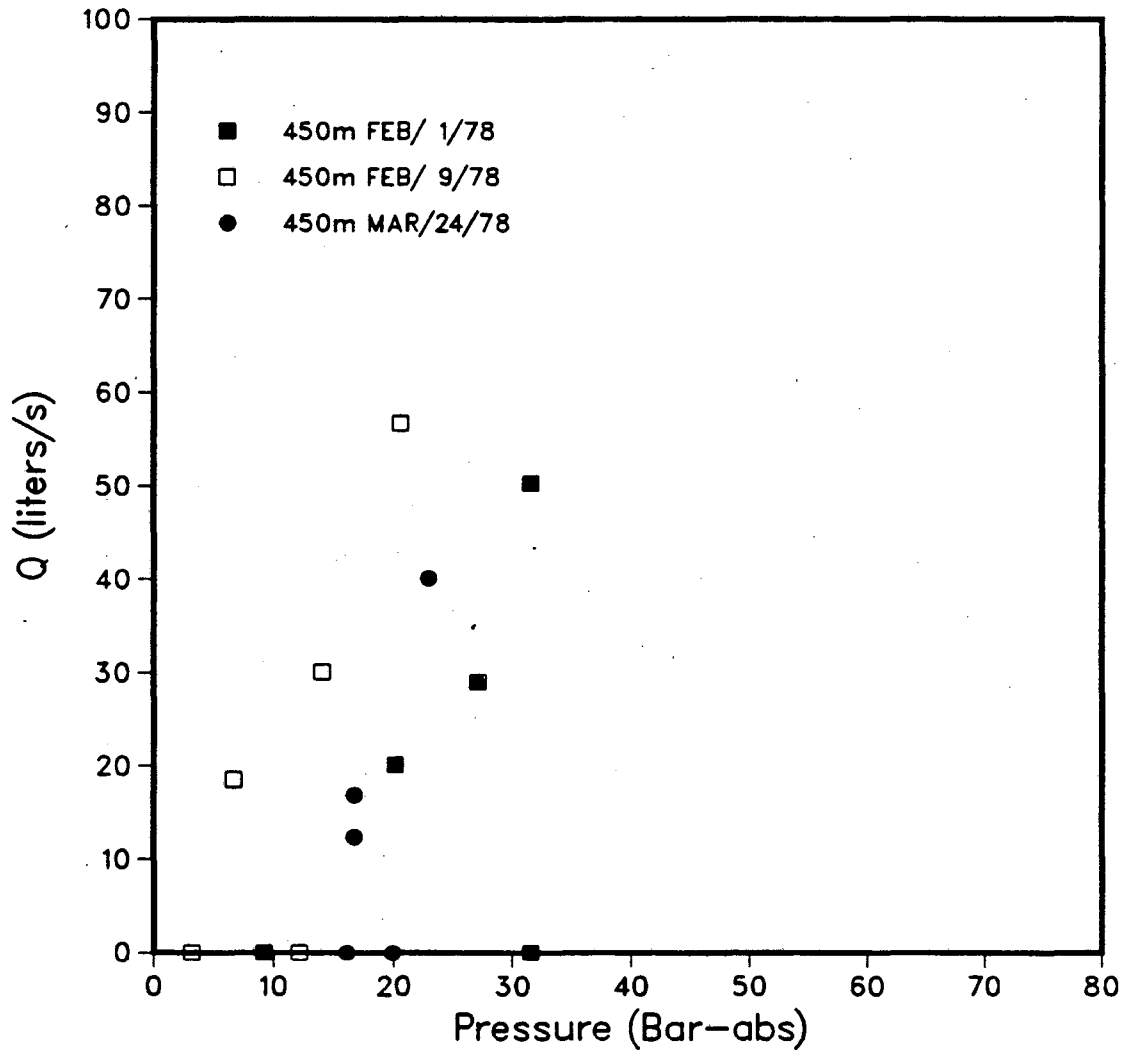
AH17 Injectivity Index Test



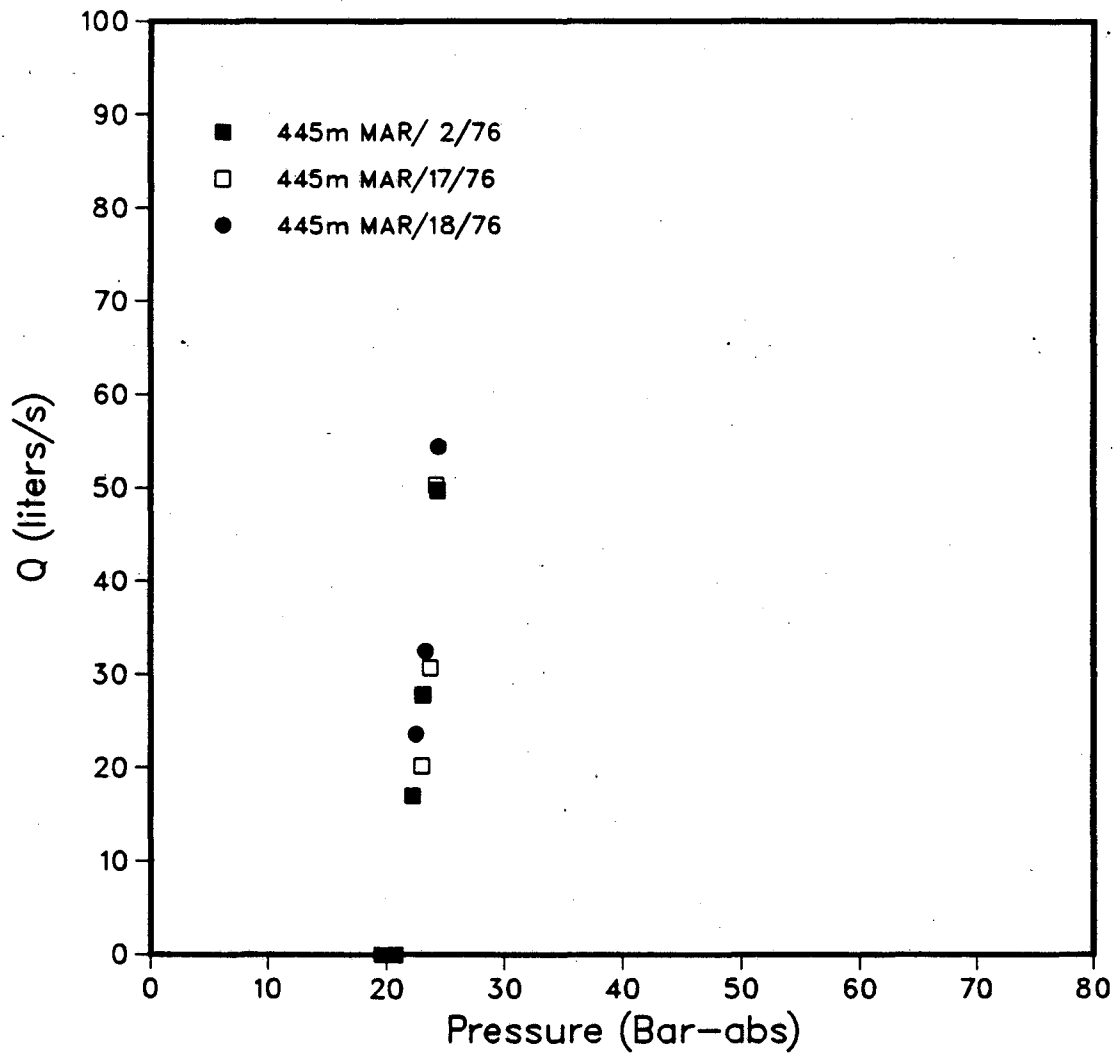
AH18 Injectivity Index Test



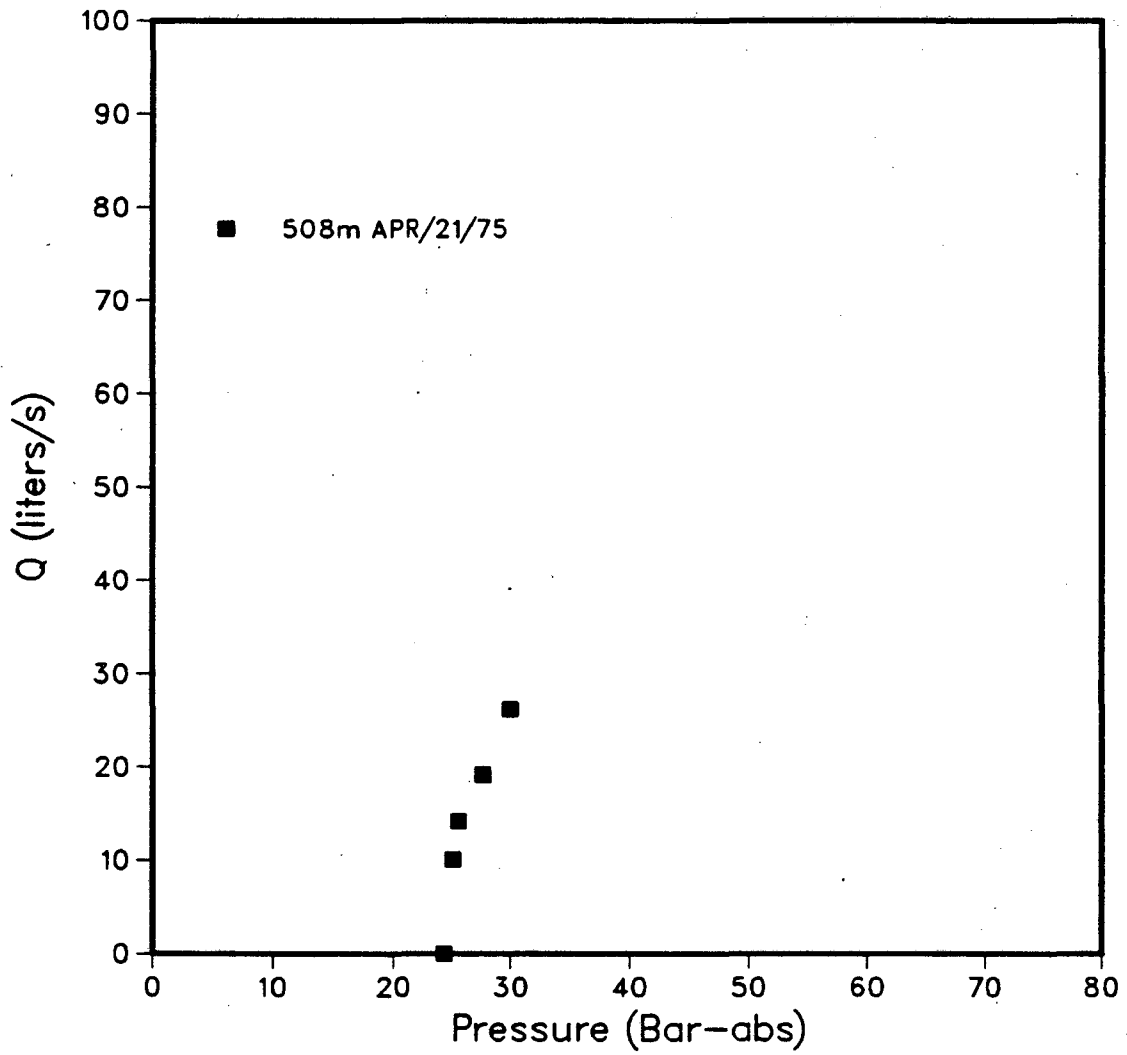
AH19 Injectivity Index Test



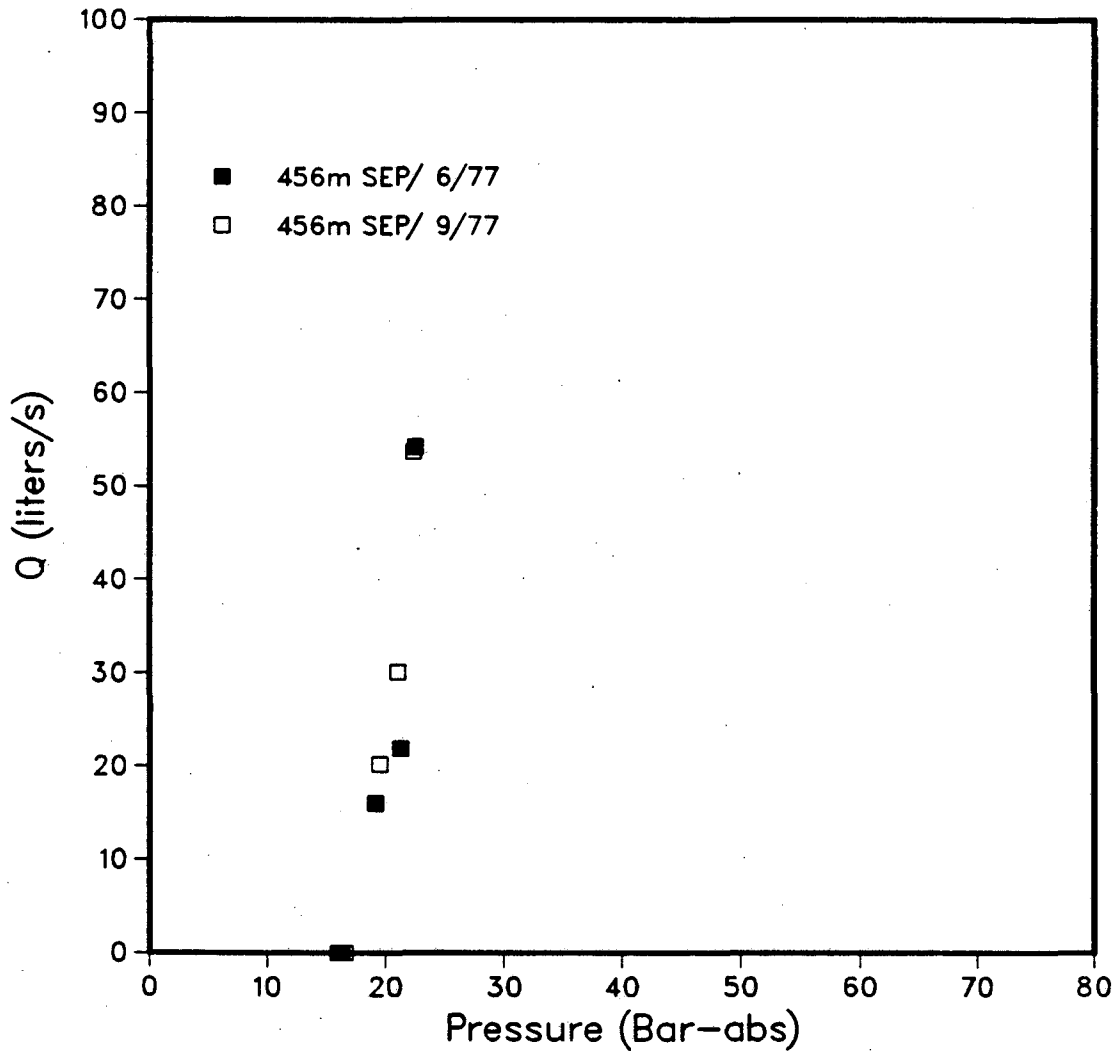
AH21 Injectivity Index Test



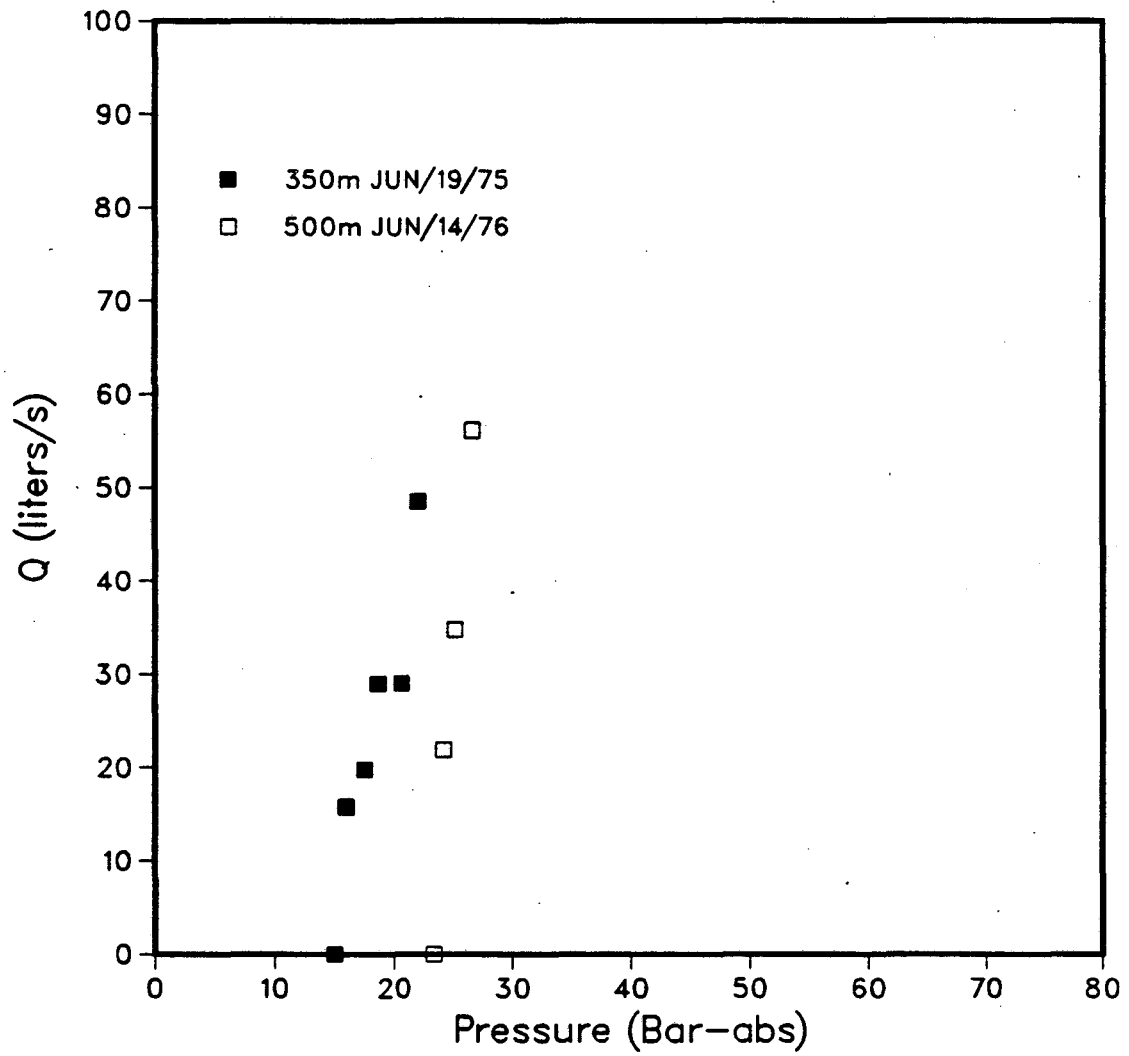
AH22 Injectivity Index Test



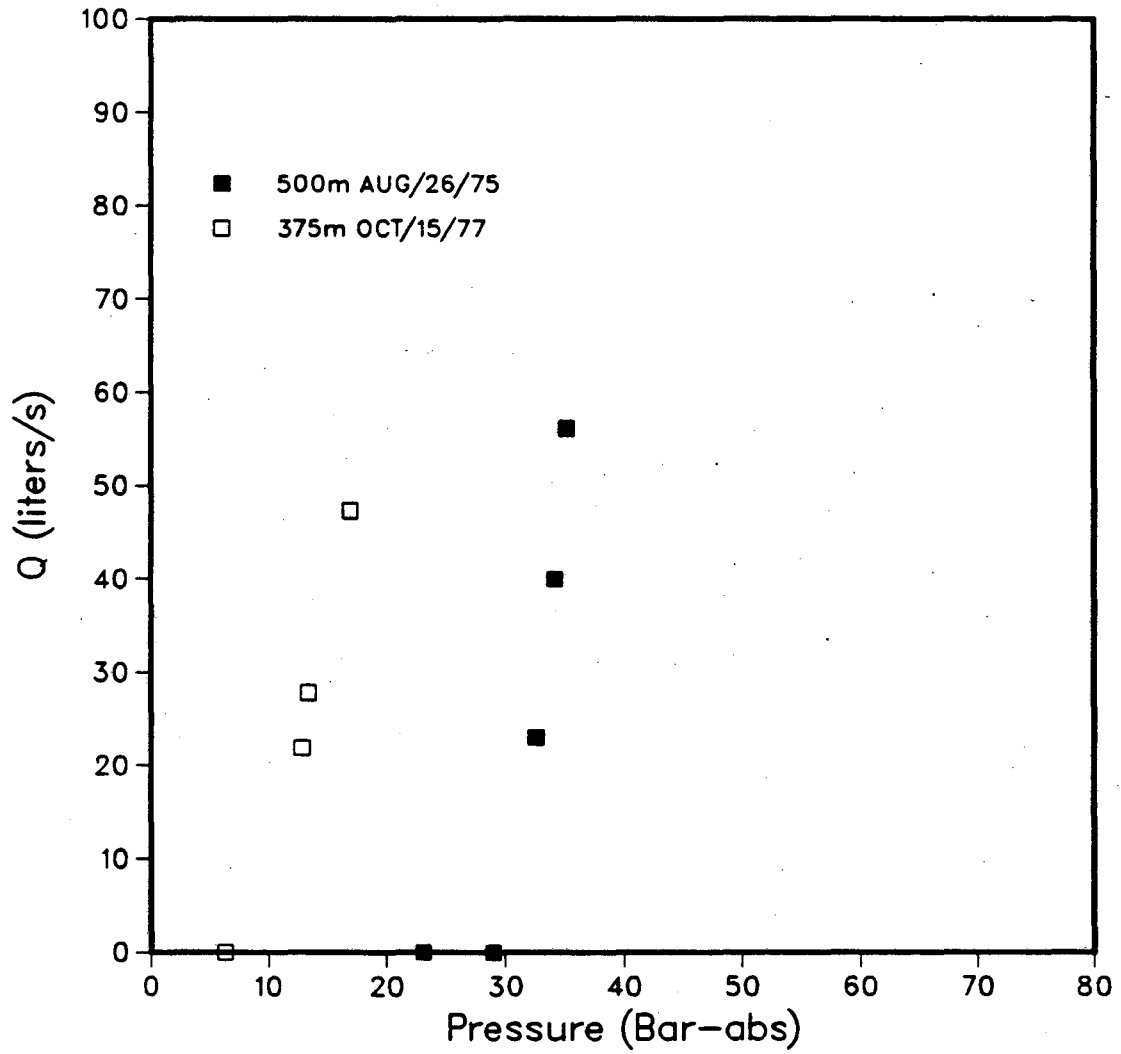
AH23 Injectivity Index Test



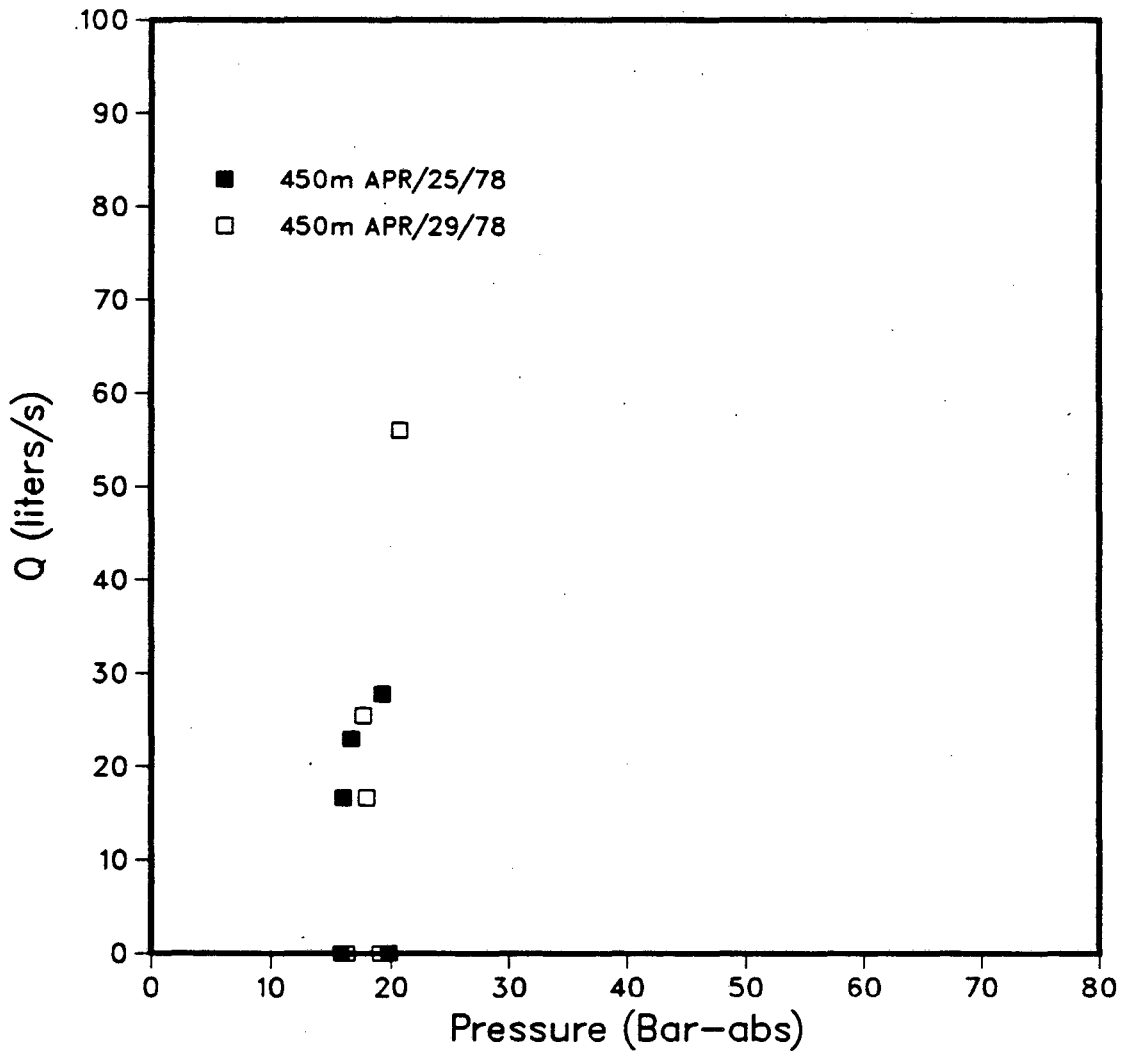
AH24 Injectivity Index Test



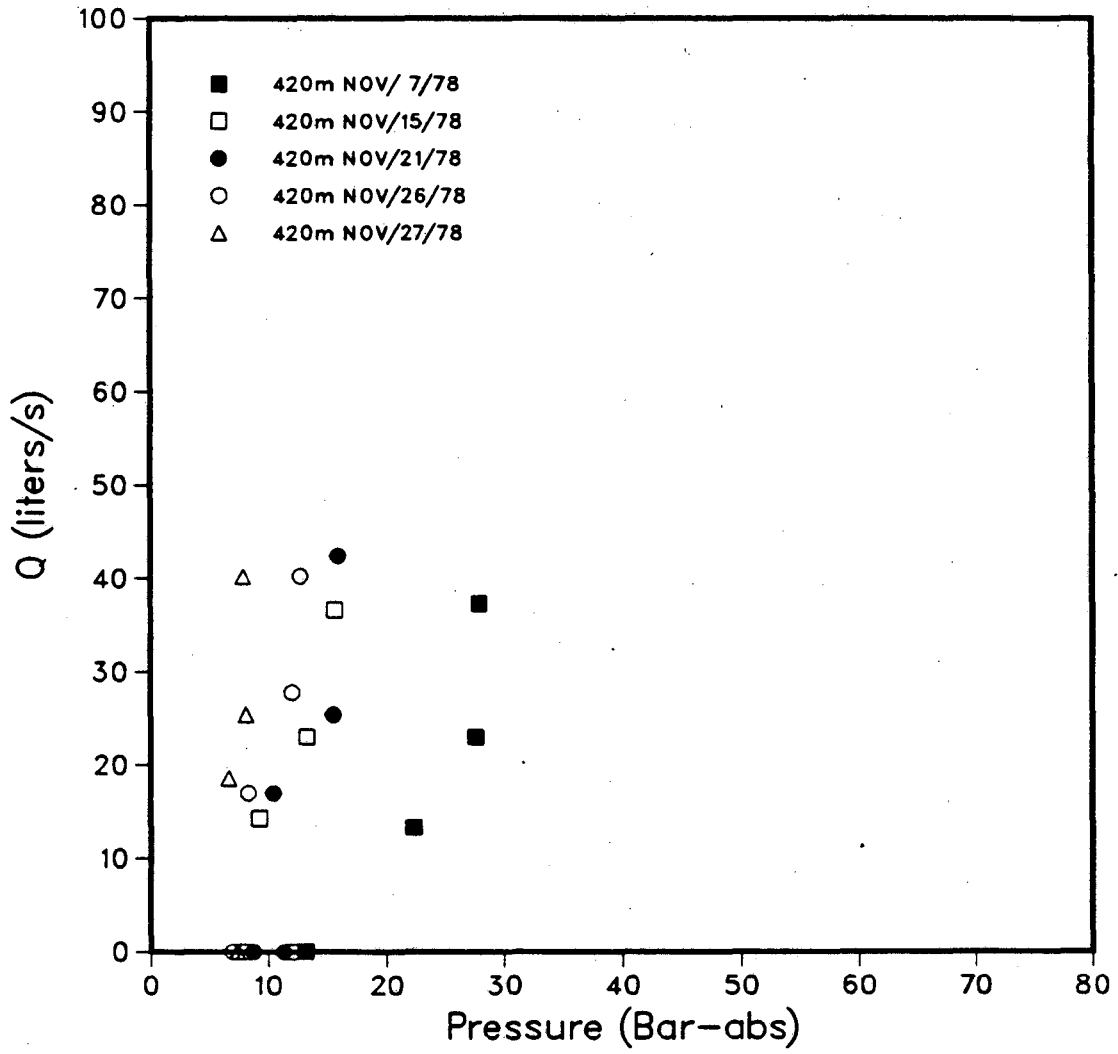
AH25 Injectivity Index Test



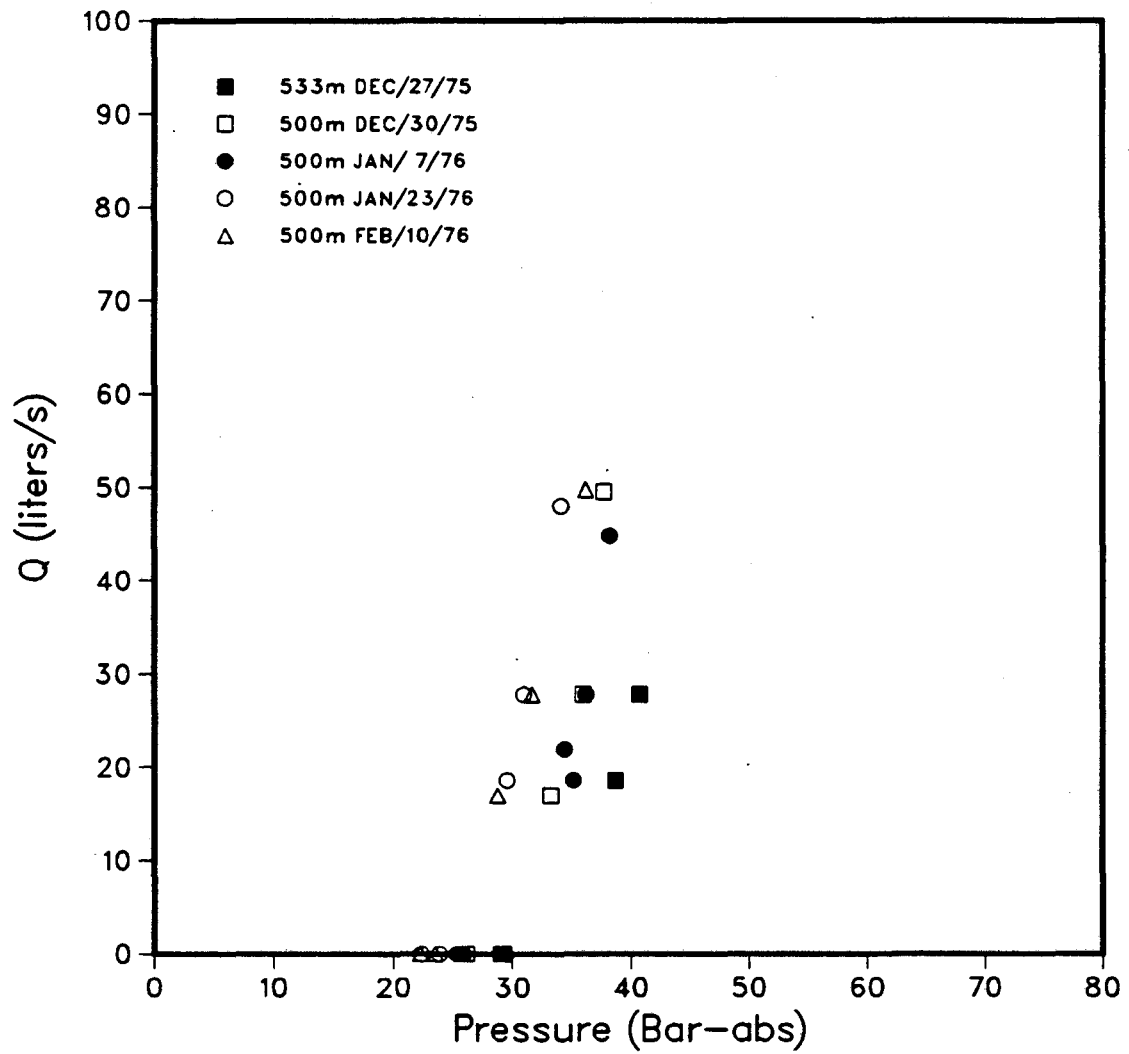
AH27 Injectivity Index Test



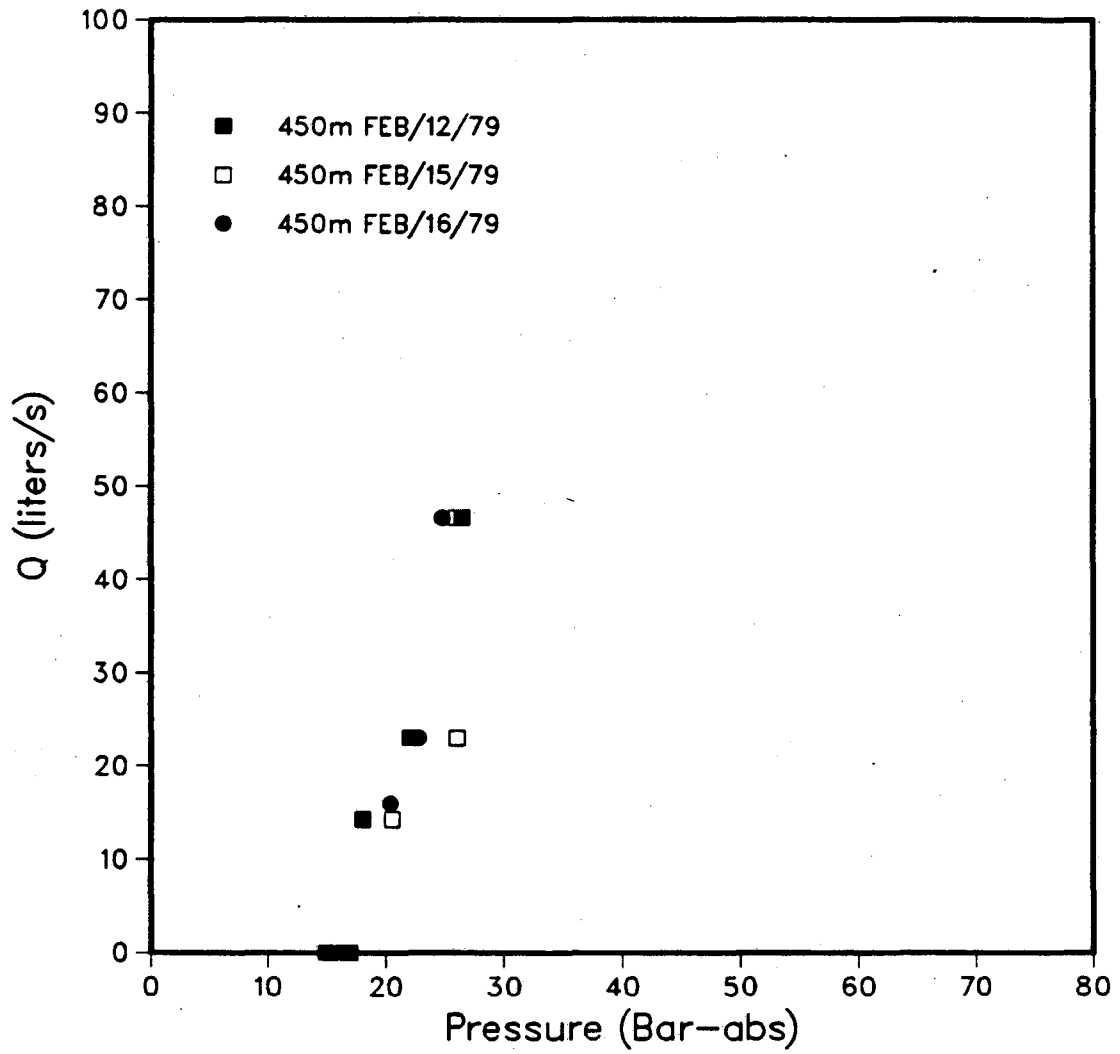
AH28 Injectivity Index Test



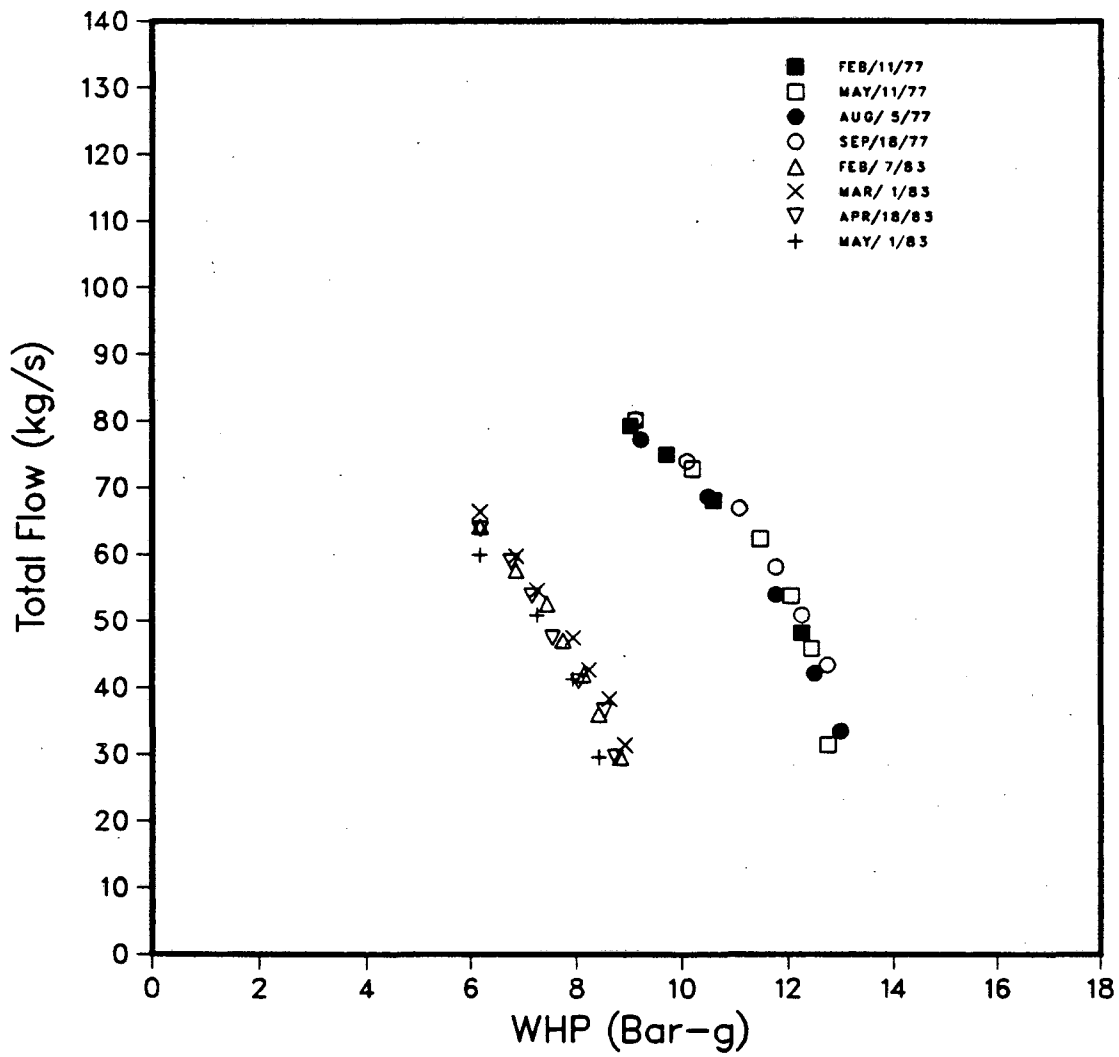
AH29 Injectivity Index Test



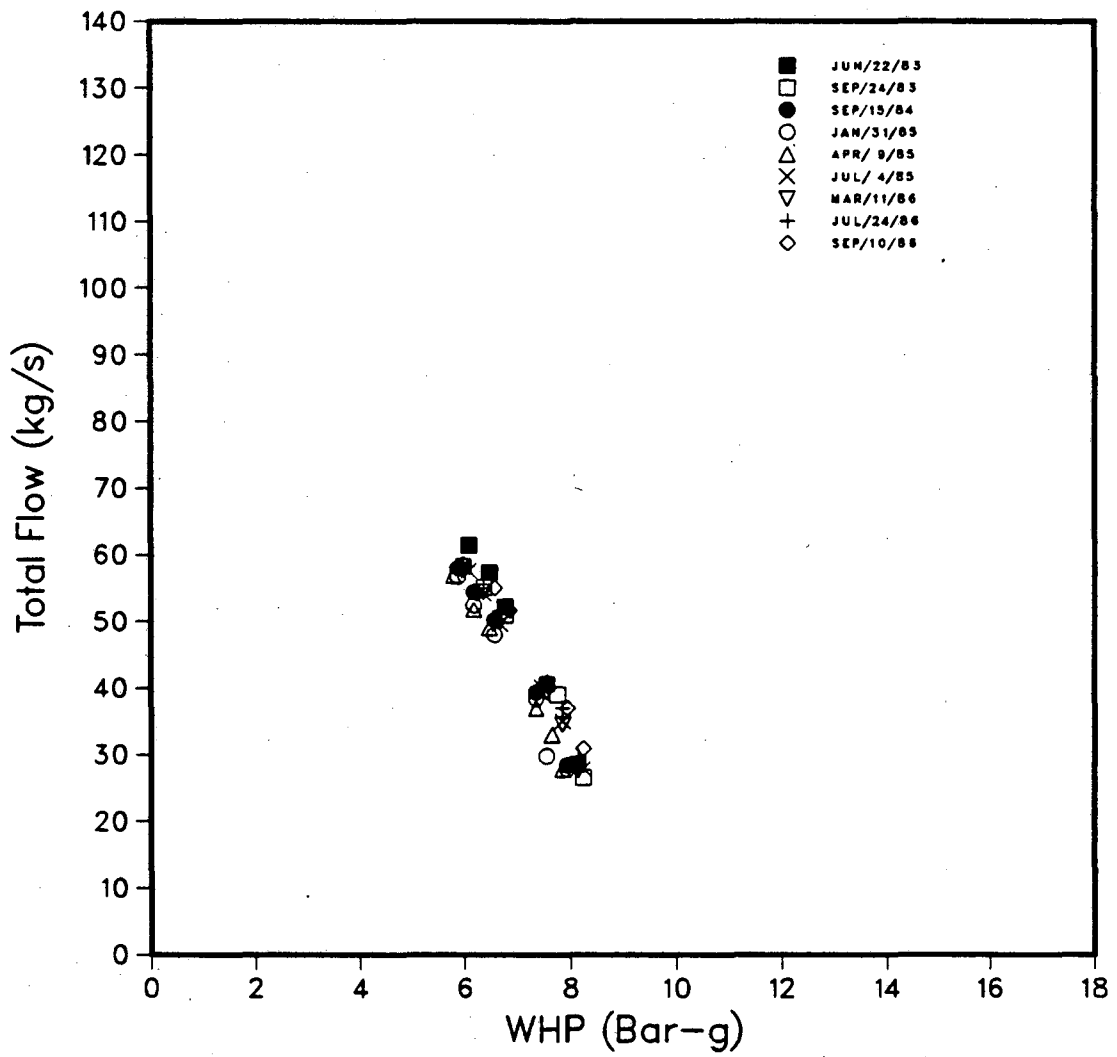
AH30 Injectivity Index Test



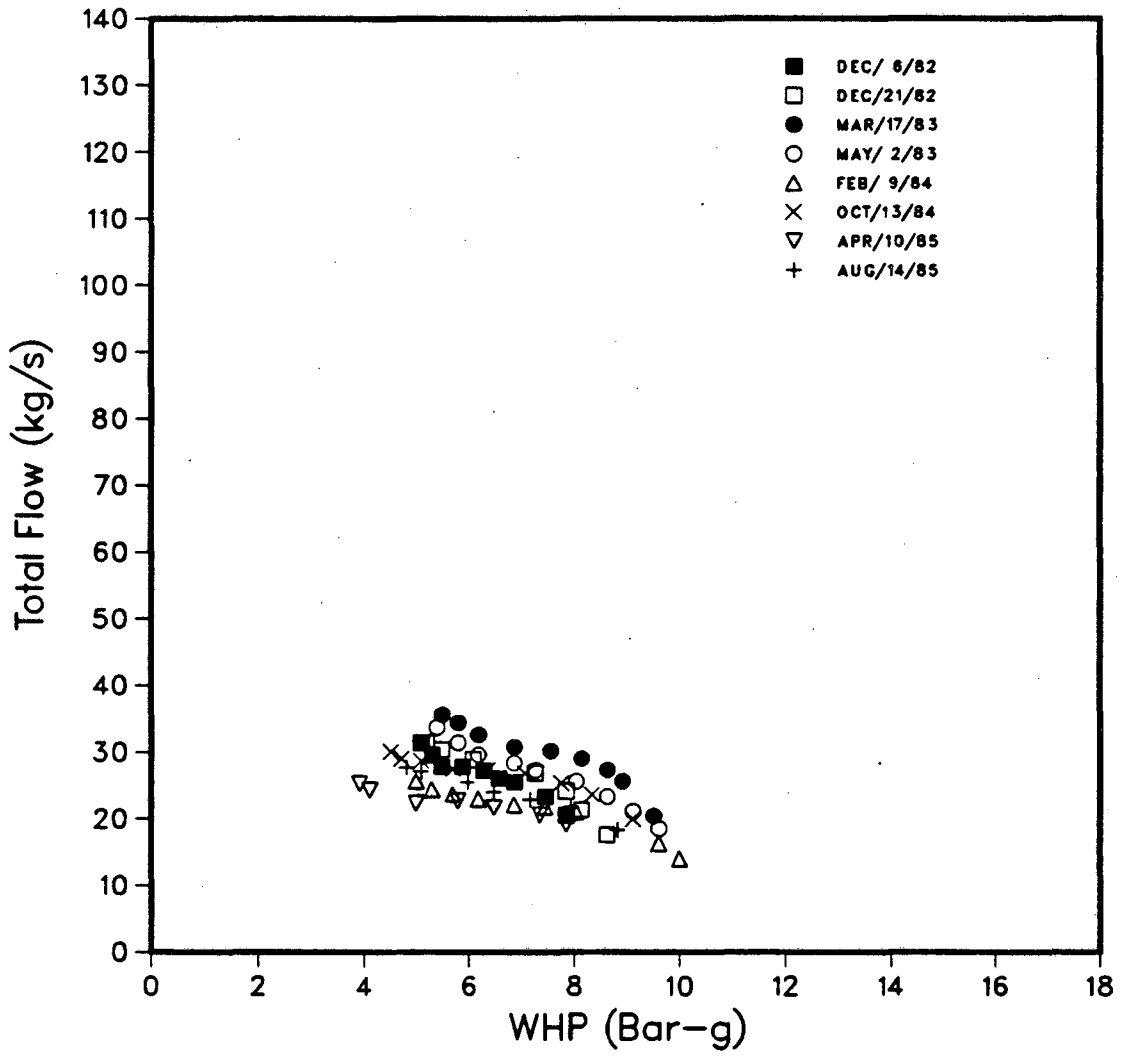
AH1 WHP vs. Flow



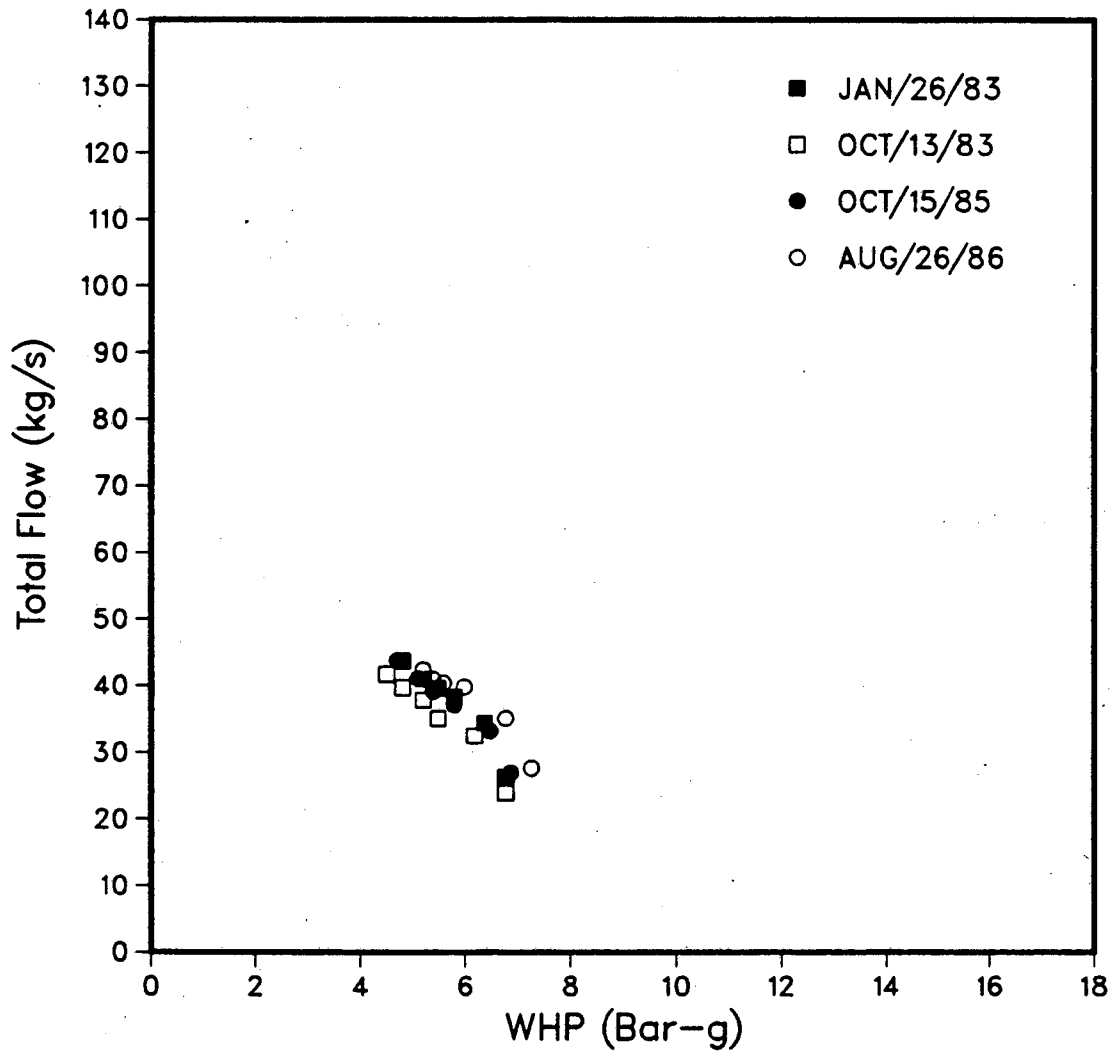
AH1 WHP vs. Flow



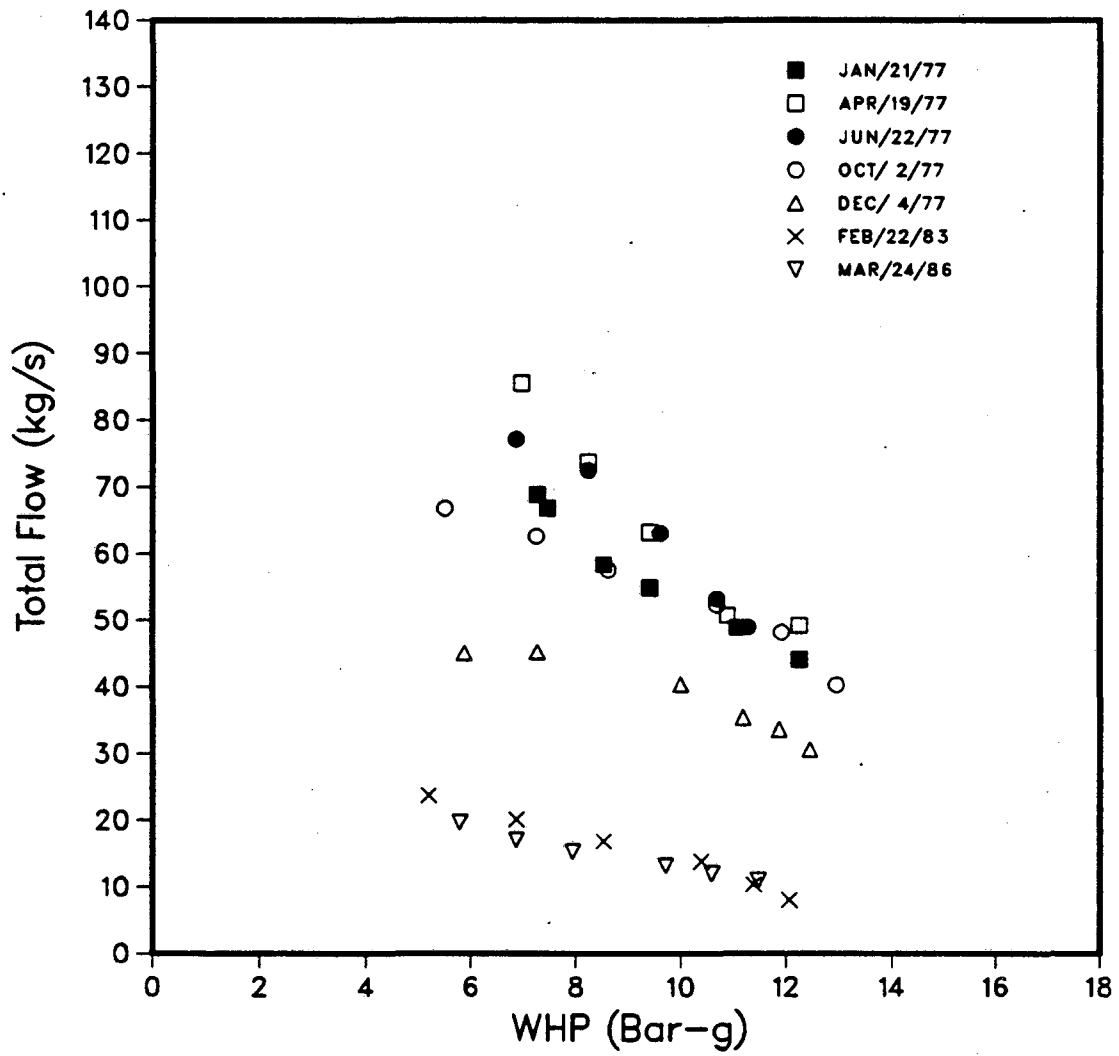
AH4 WHP vs. Flow



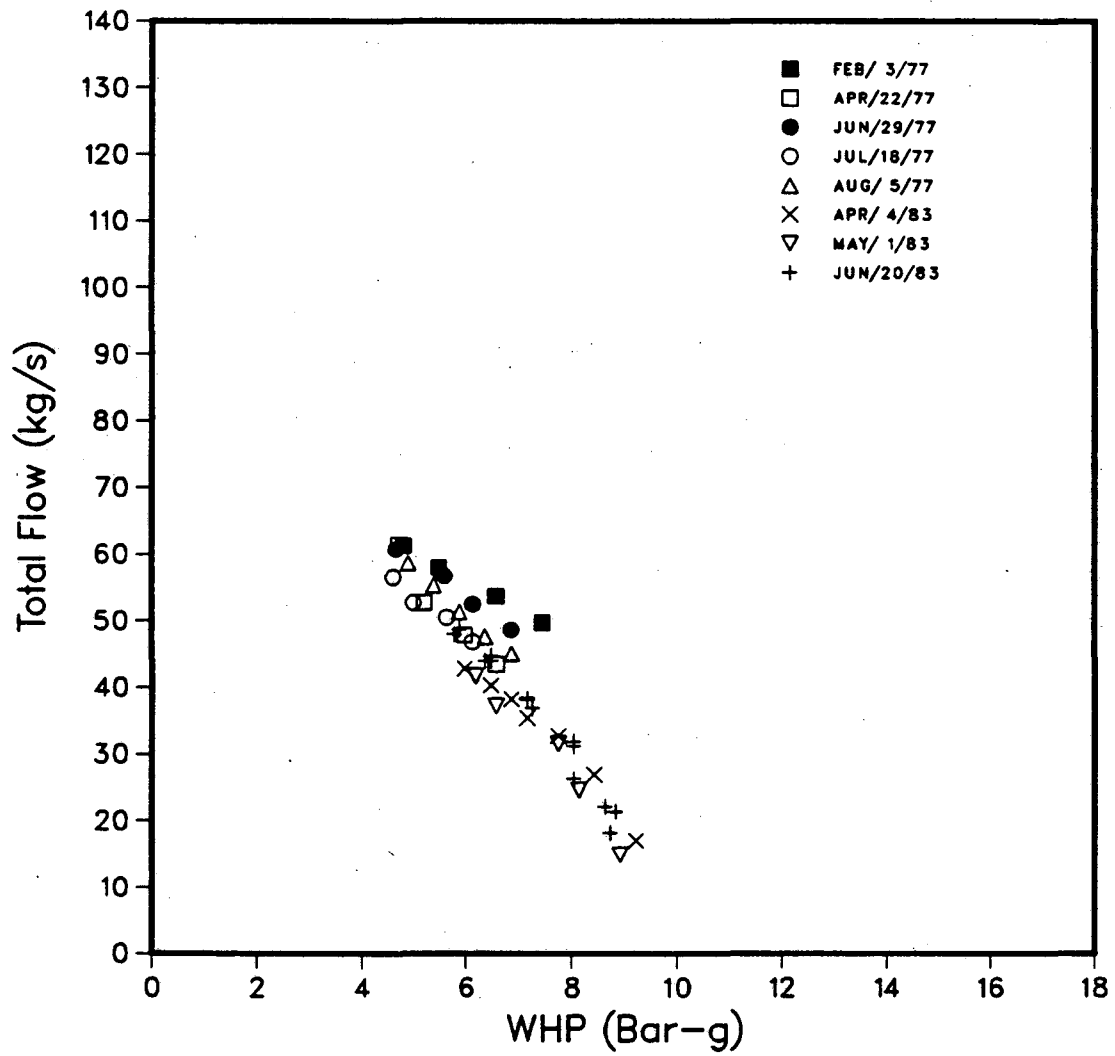
AH5 WHP vs. Flow



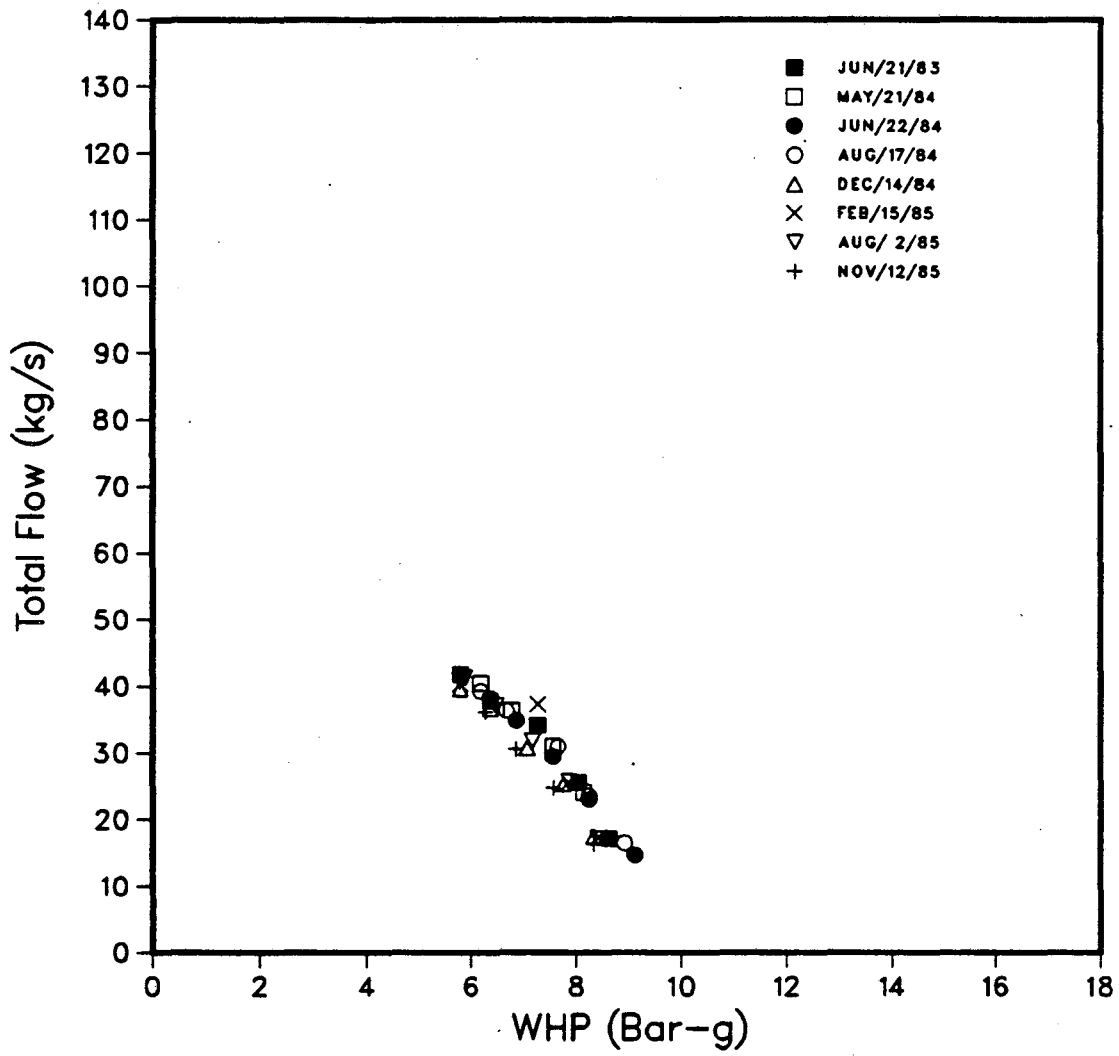
AH6 WHP vs. Flow



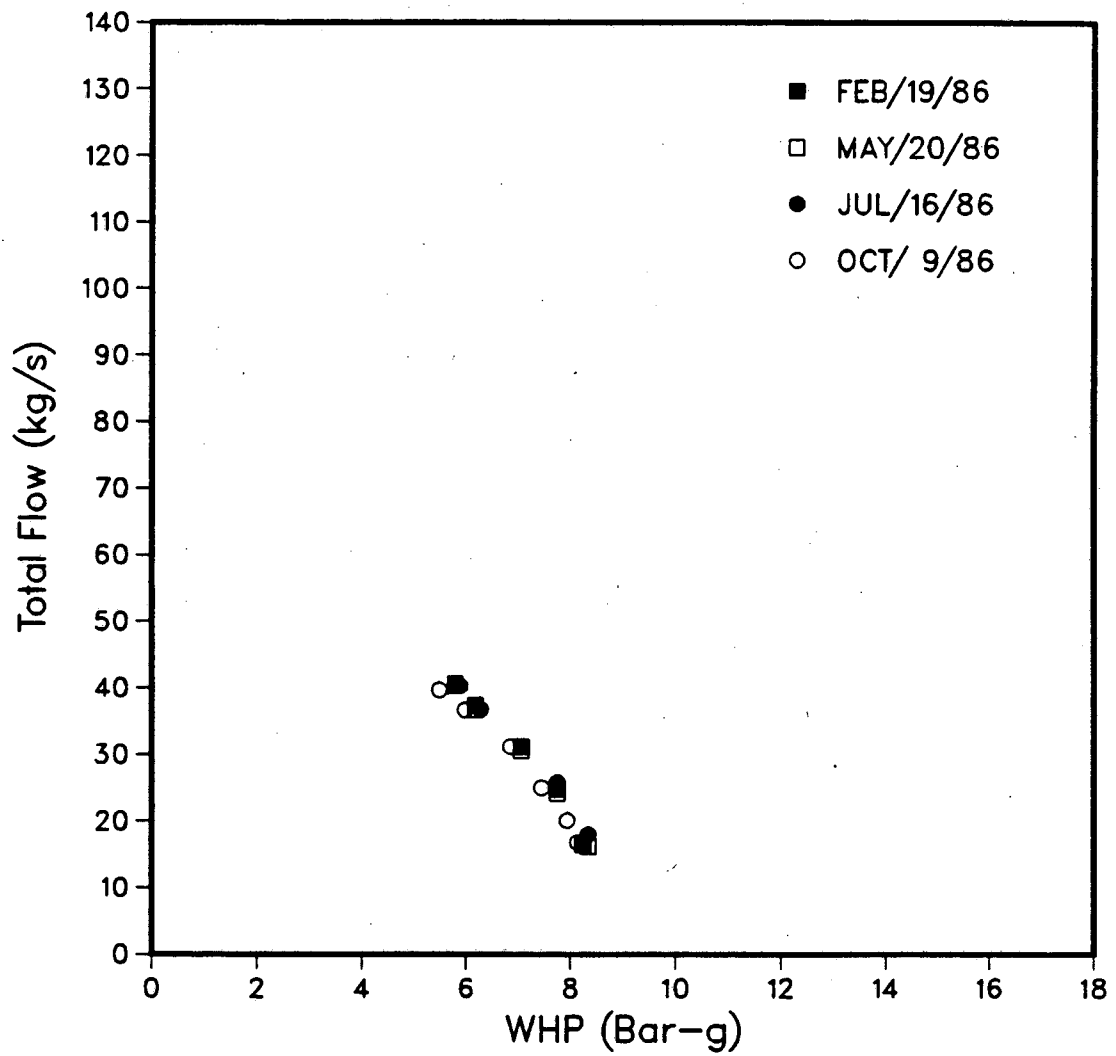
AH7 WHP vs. Flow



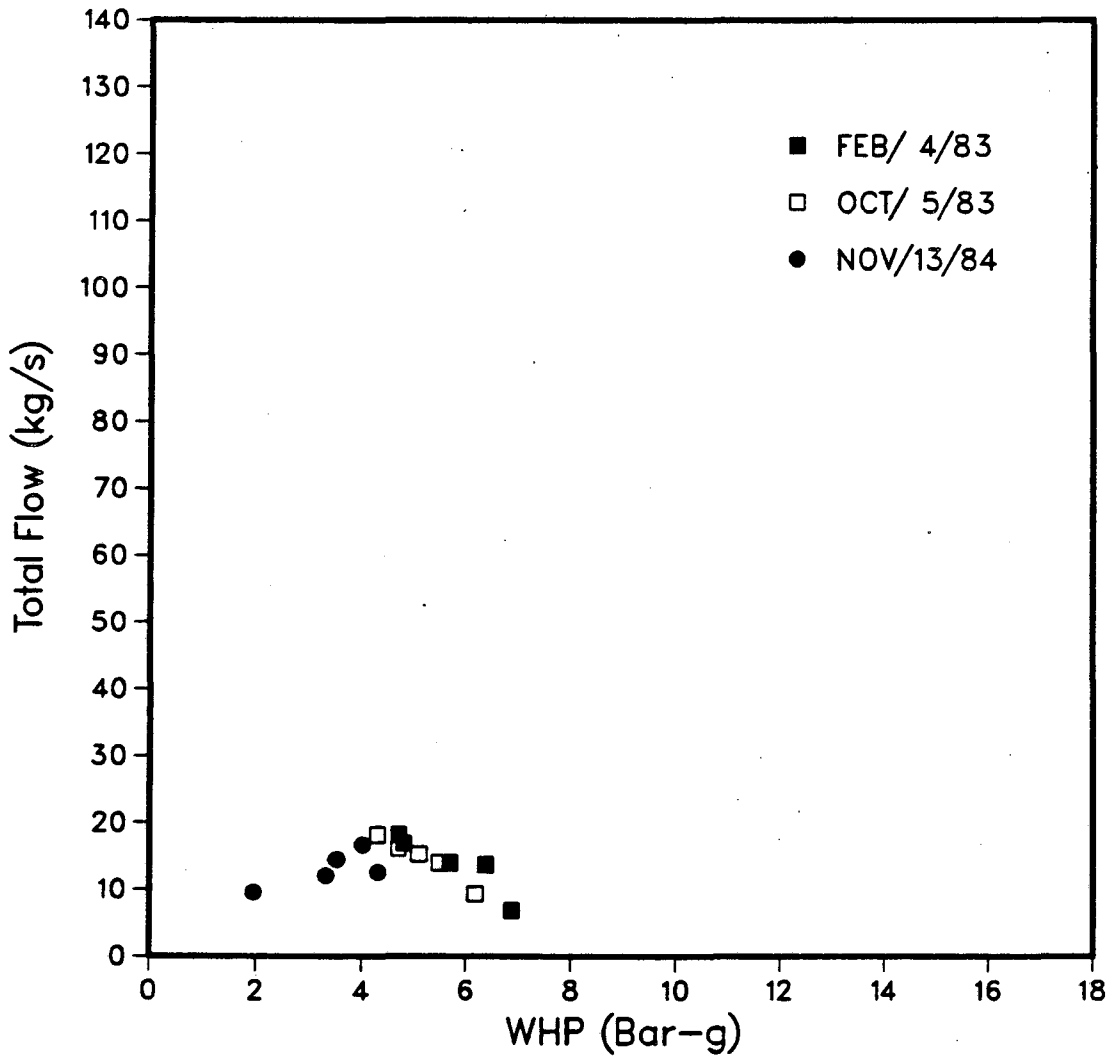
AH7 WHP vs. Flow



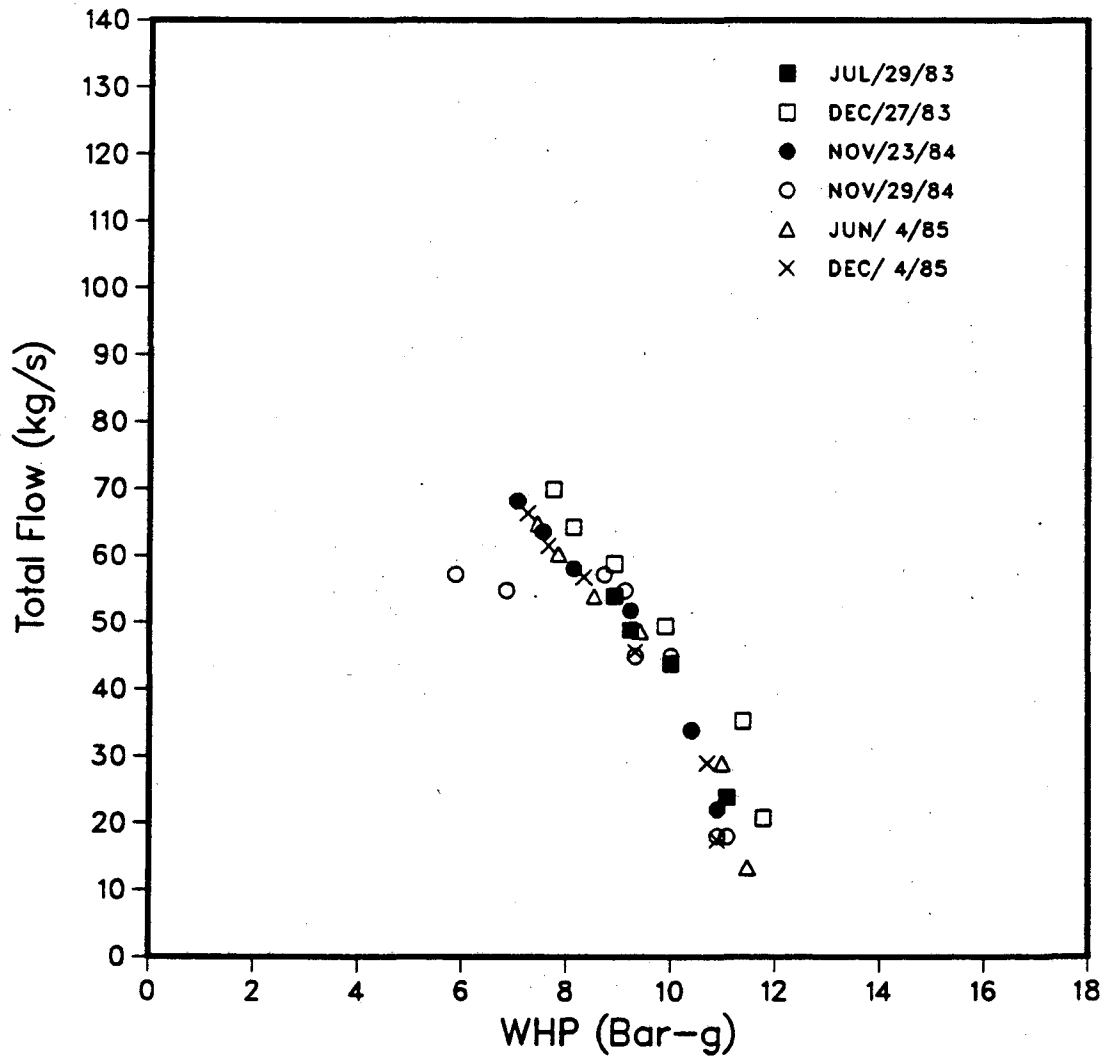
AH7 WHP vs. Flow



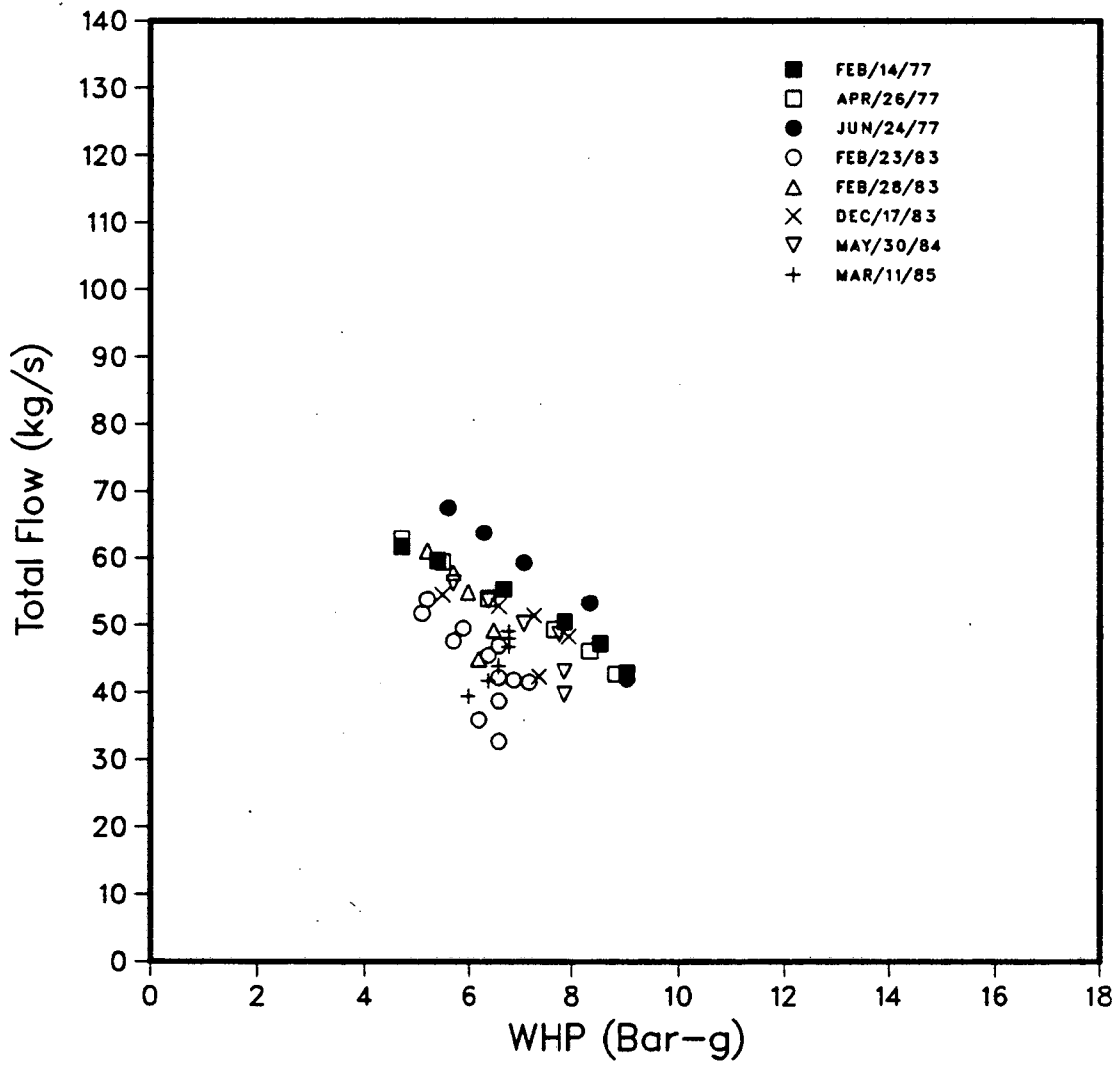
AH16 WHP vs. Flow



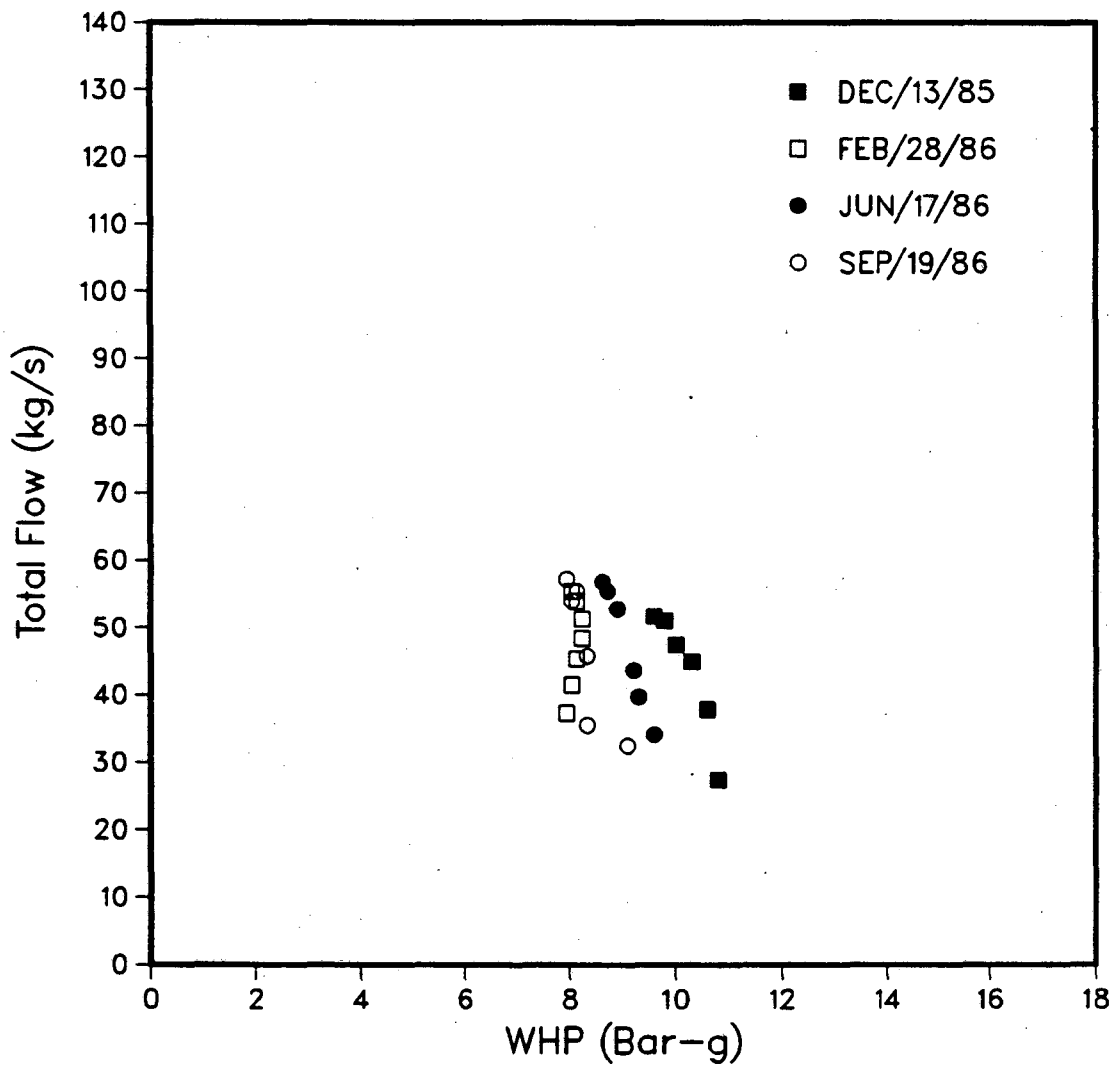
AH19 WHP vs. Flow



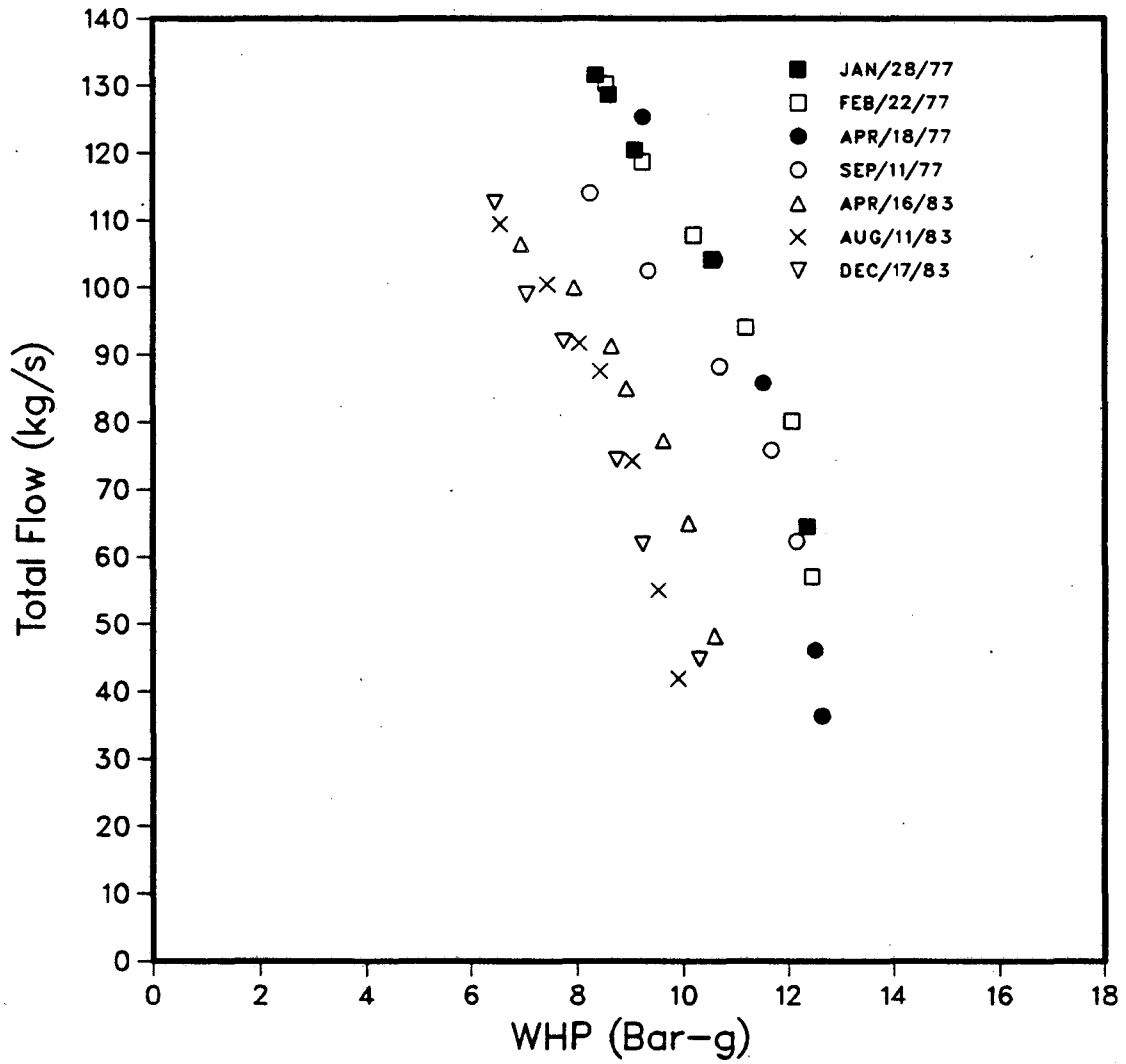
AH20 WHP vs. Flow



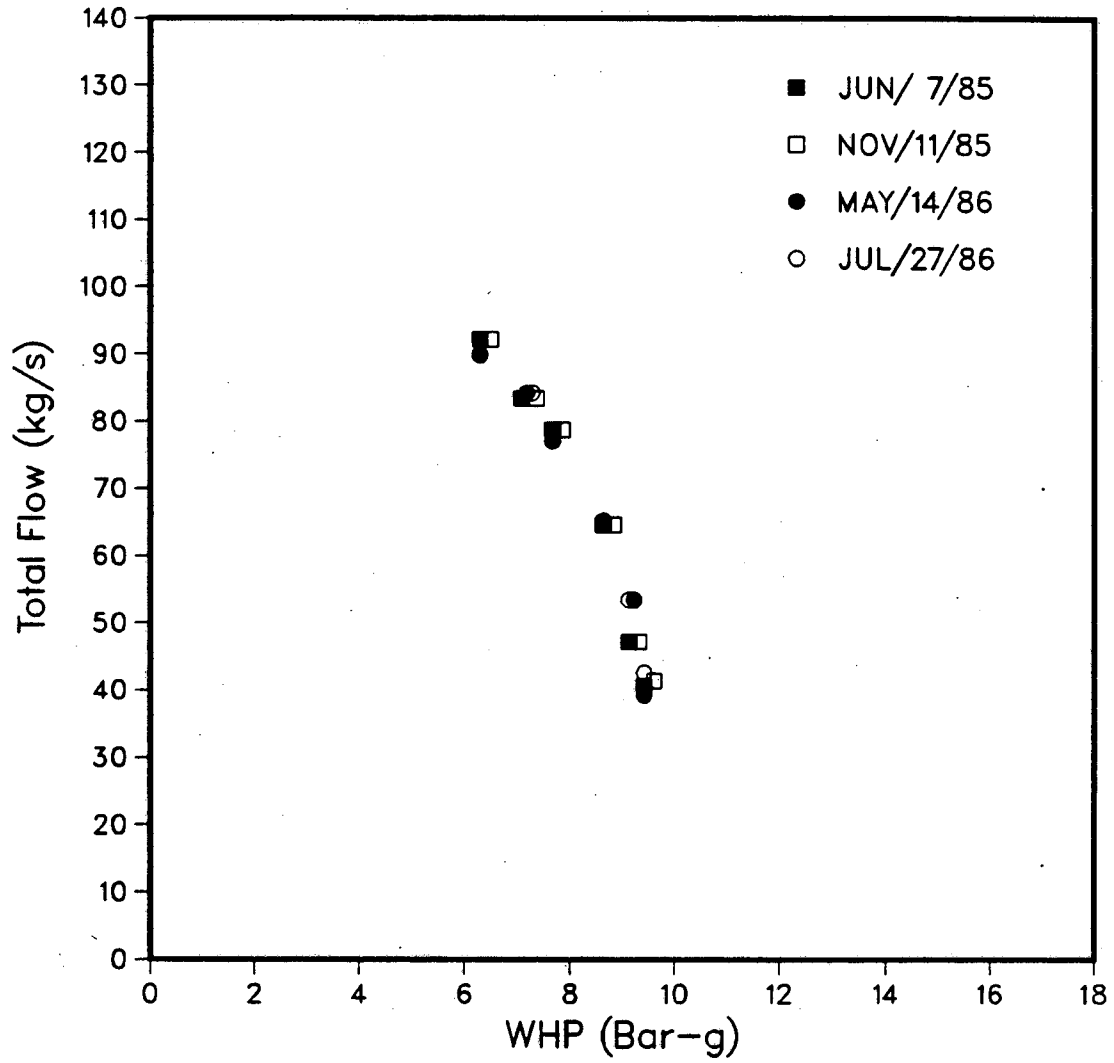
AH20 WHP vs. Flow



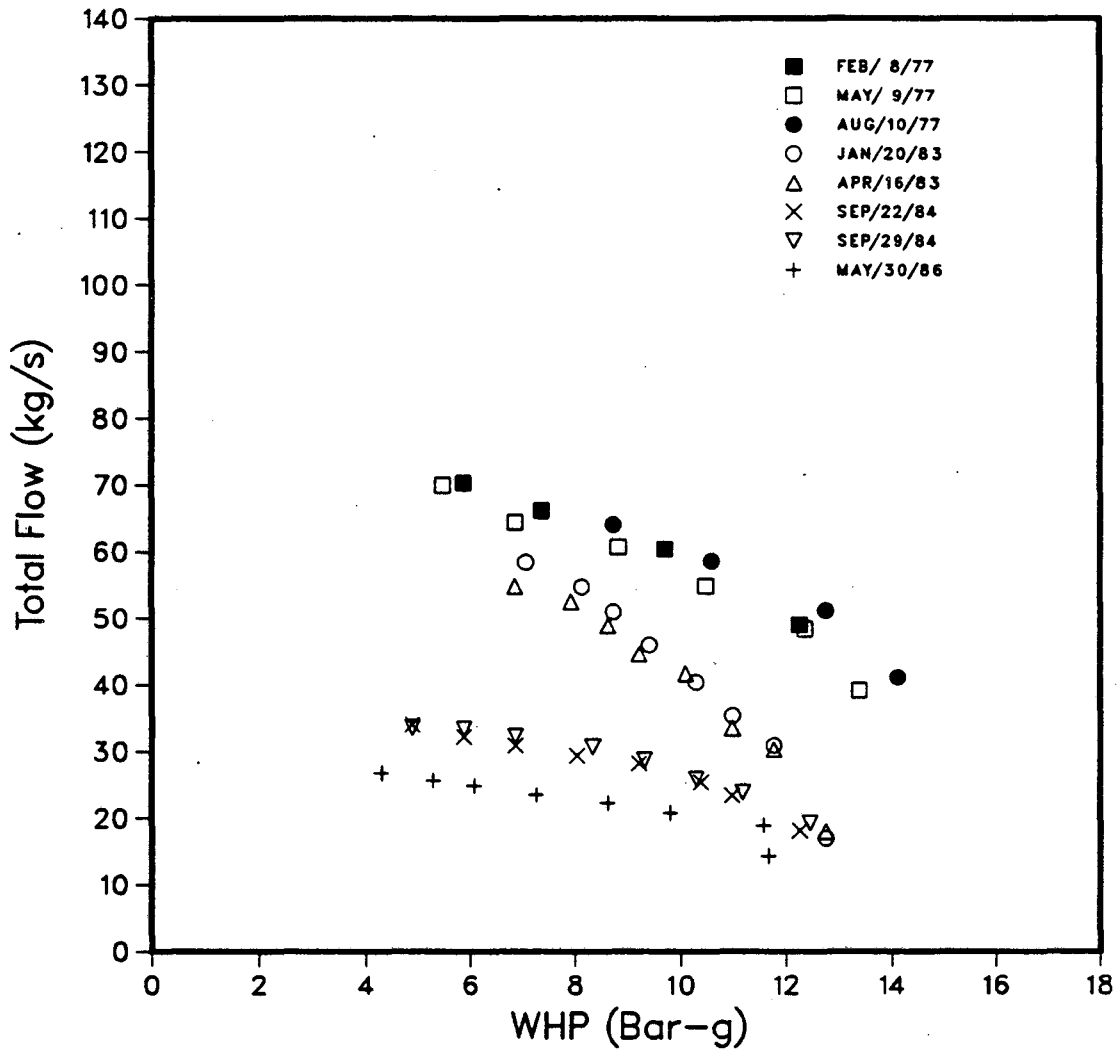
AH21 WHP vs. Flow



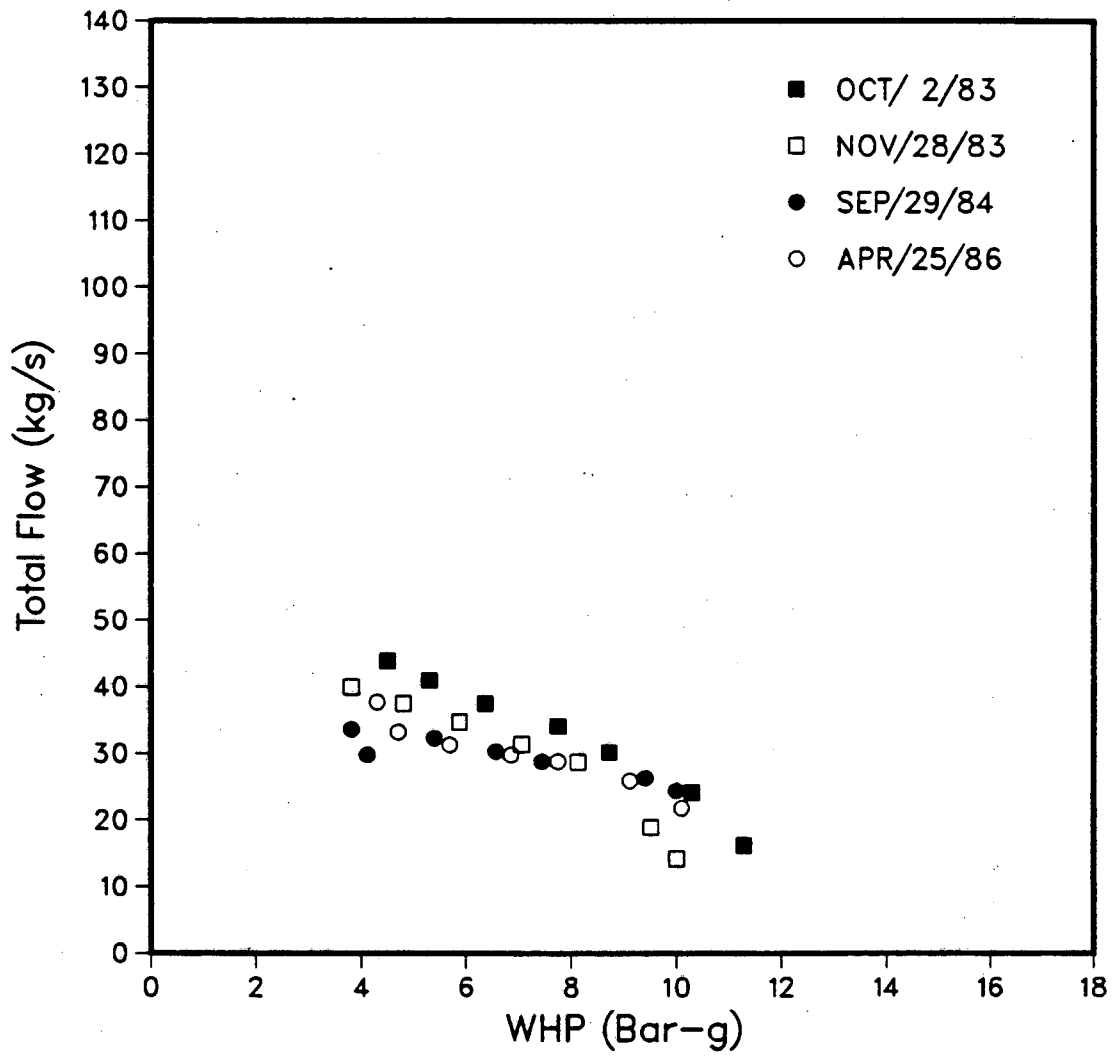
AH21 WHP vs. Flow



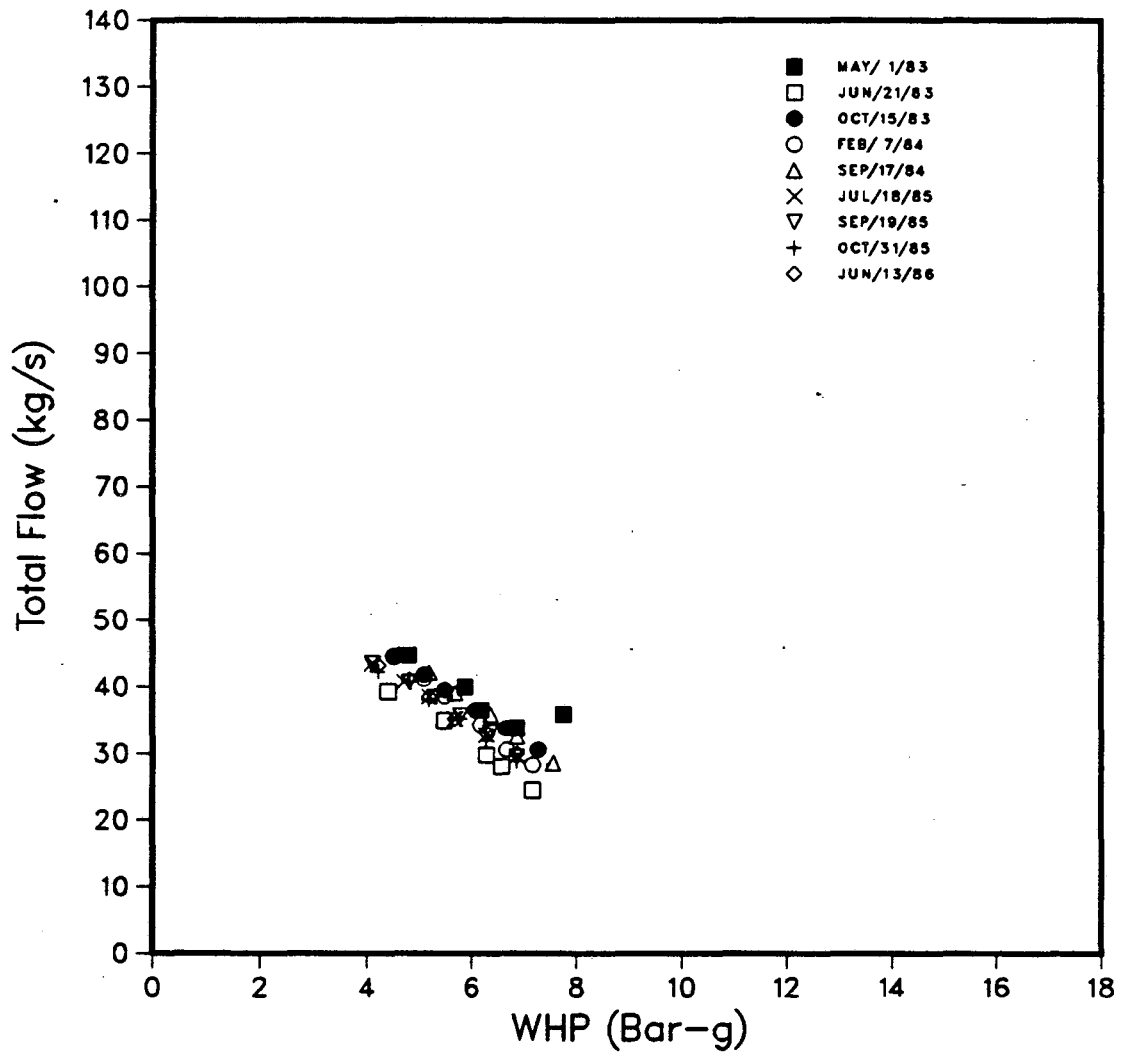
AH22 WHP vs. Flow



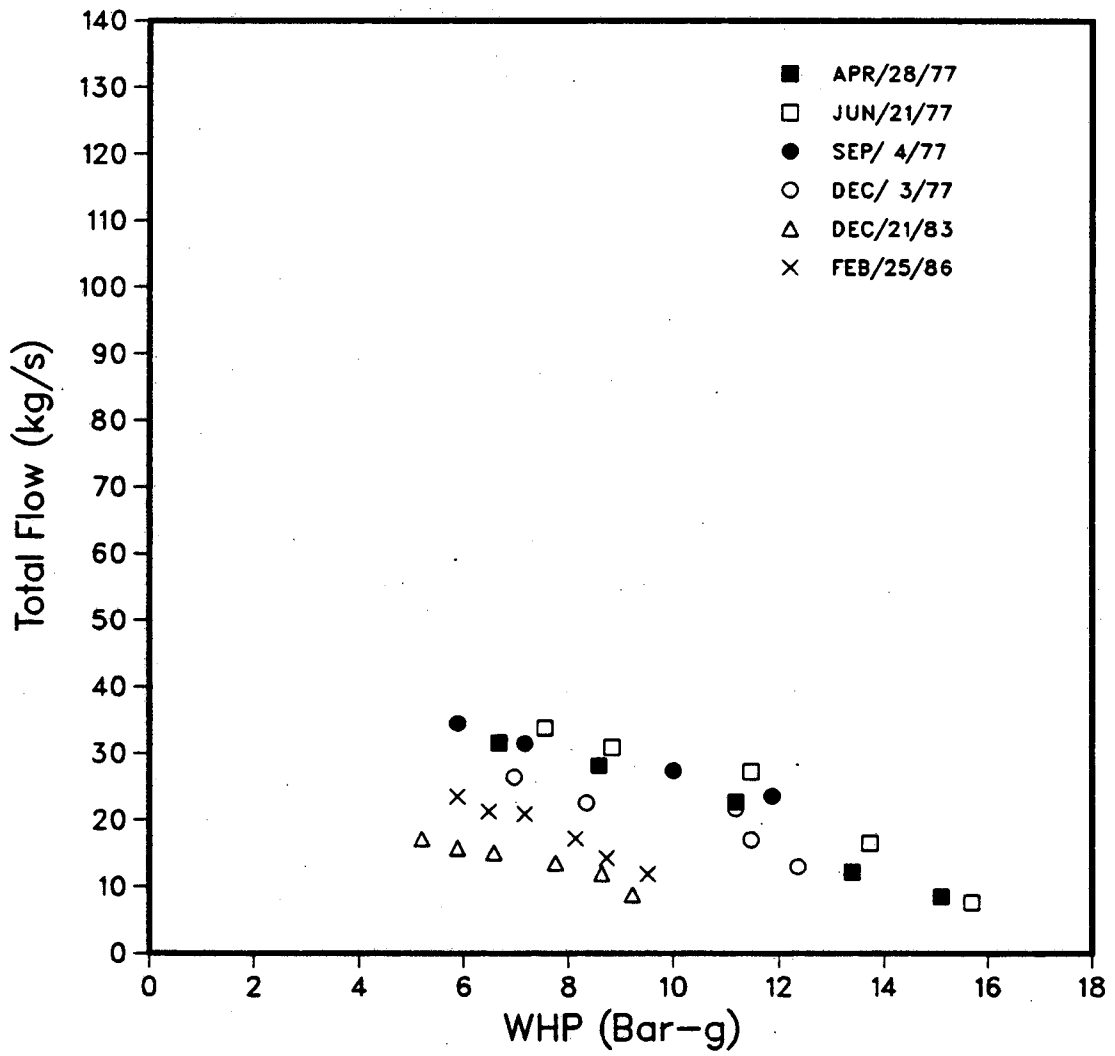
AH23 WHP vs. Flow



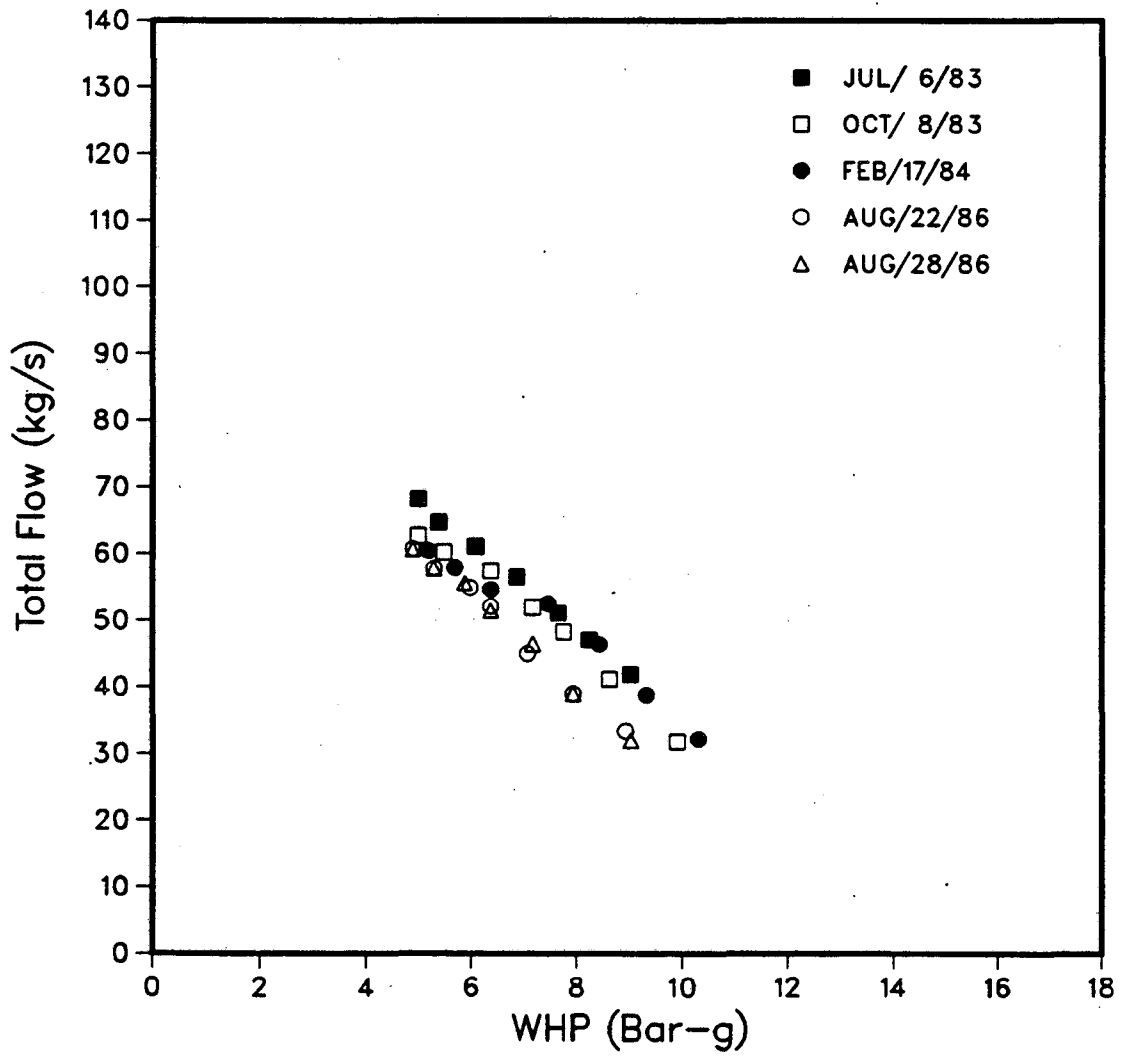
AH24 WHP vs. Flow



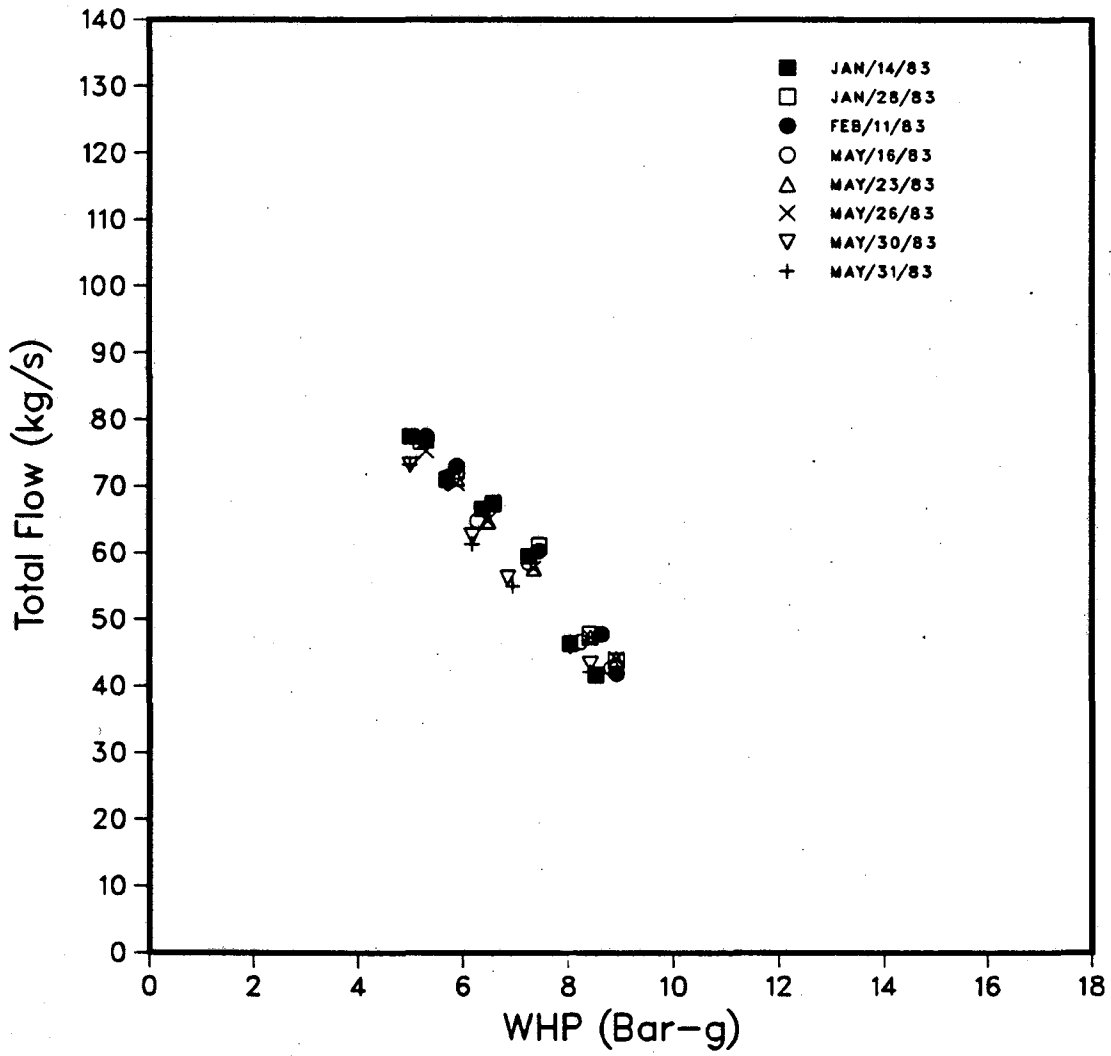
AH26 WHP vs. Flow



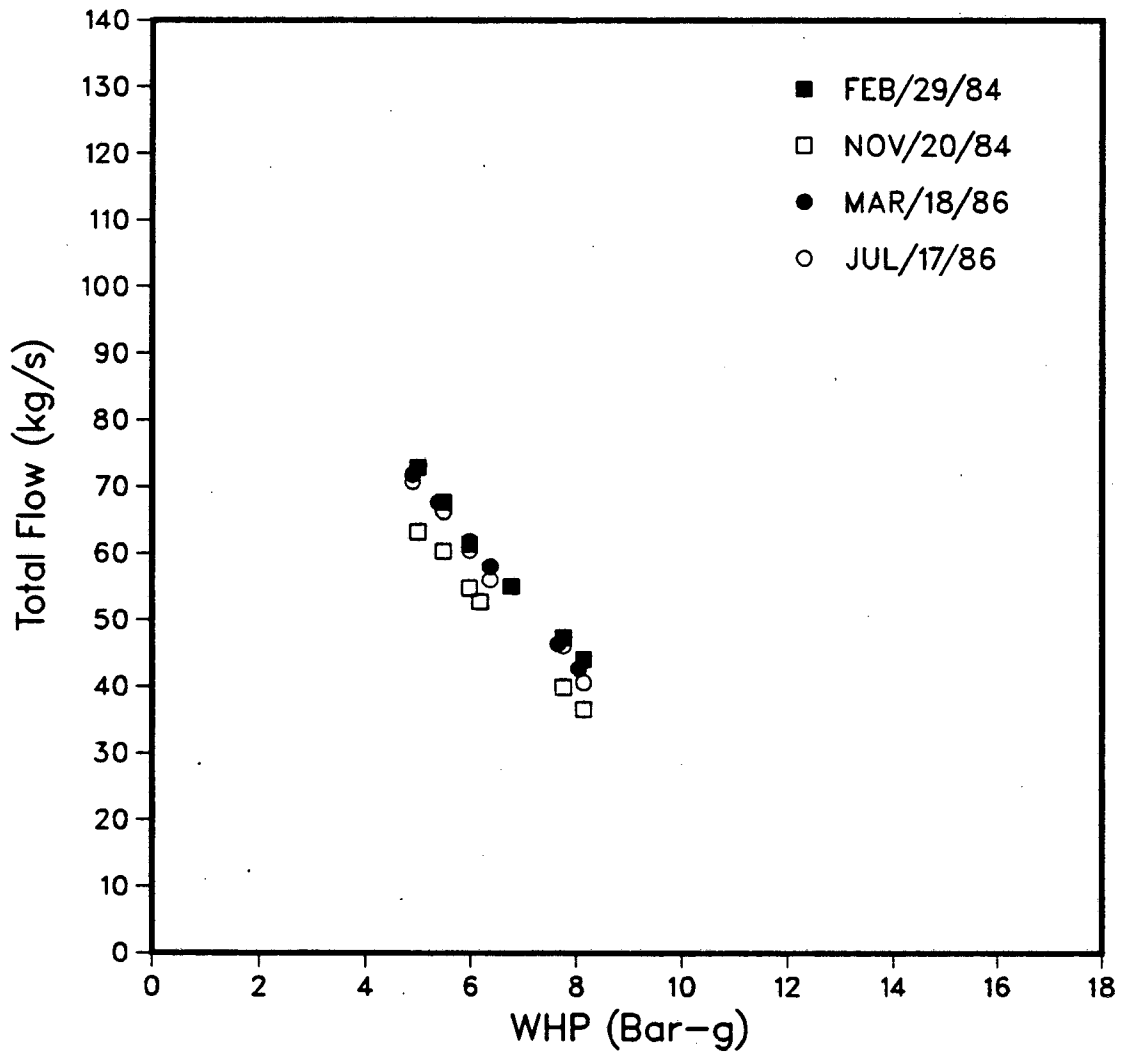
AH27 WHP vs. Flow



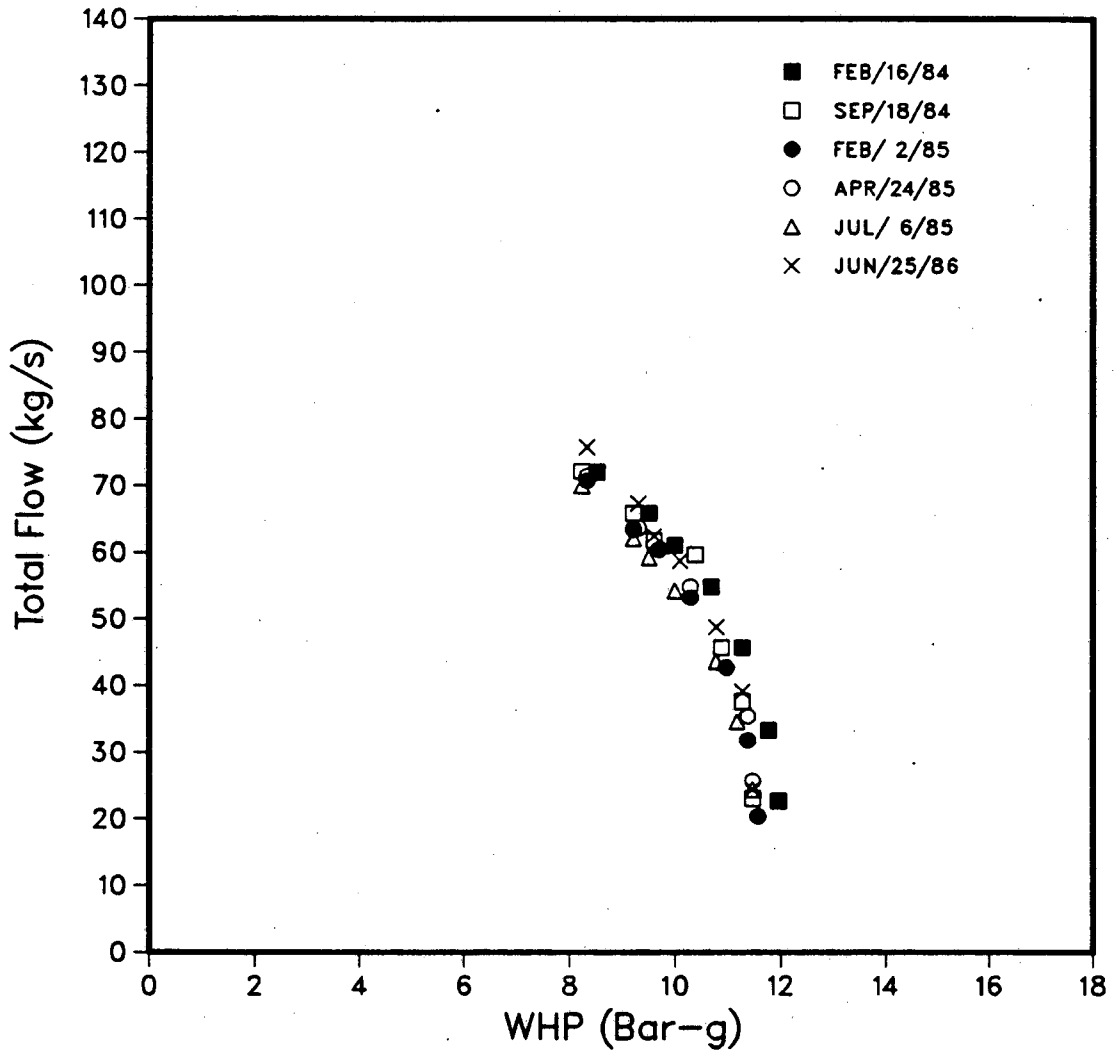
AH28 WHP vs. Flow



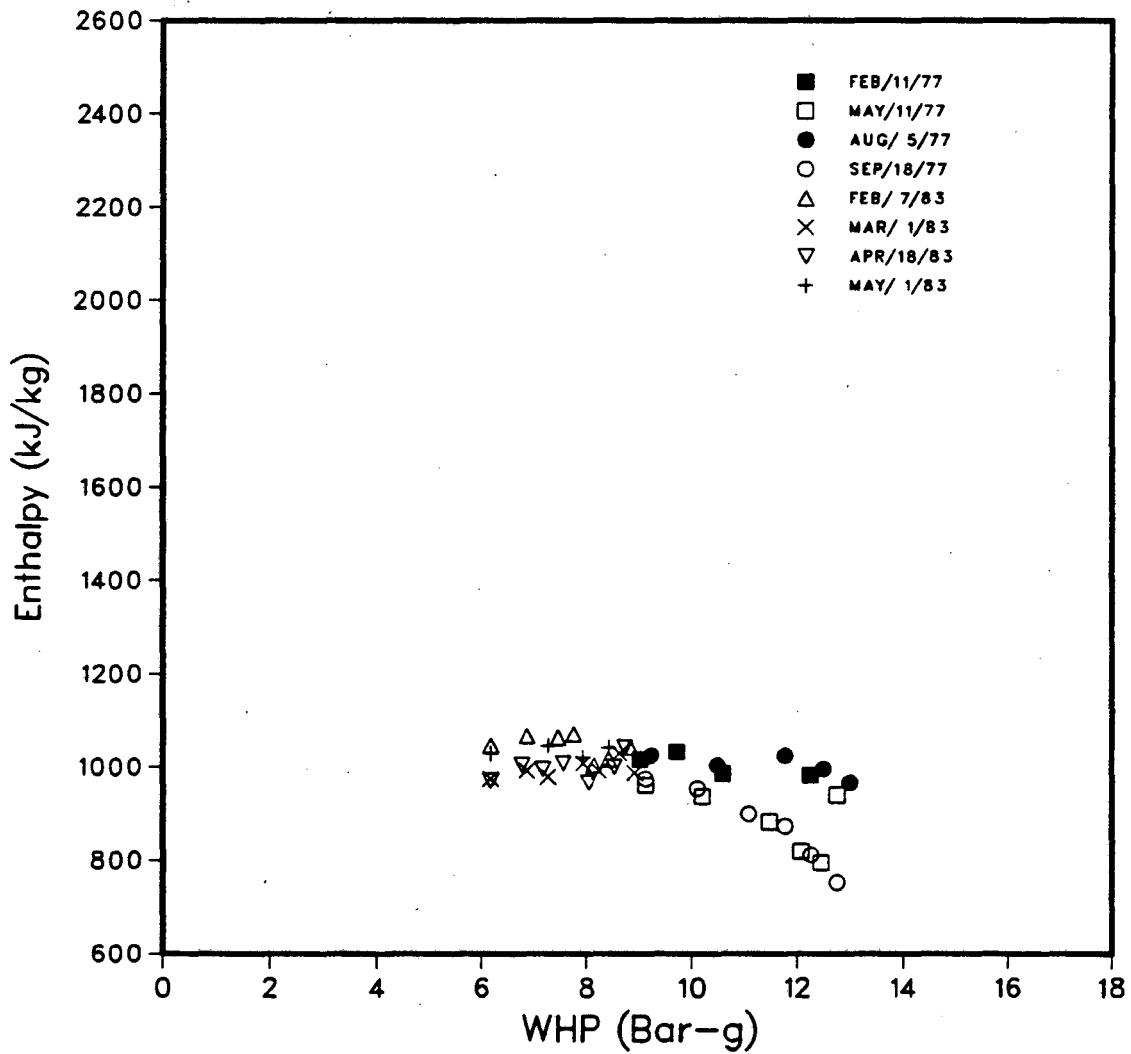
AH28 WHP vs. Flow



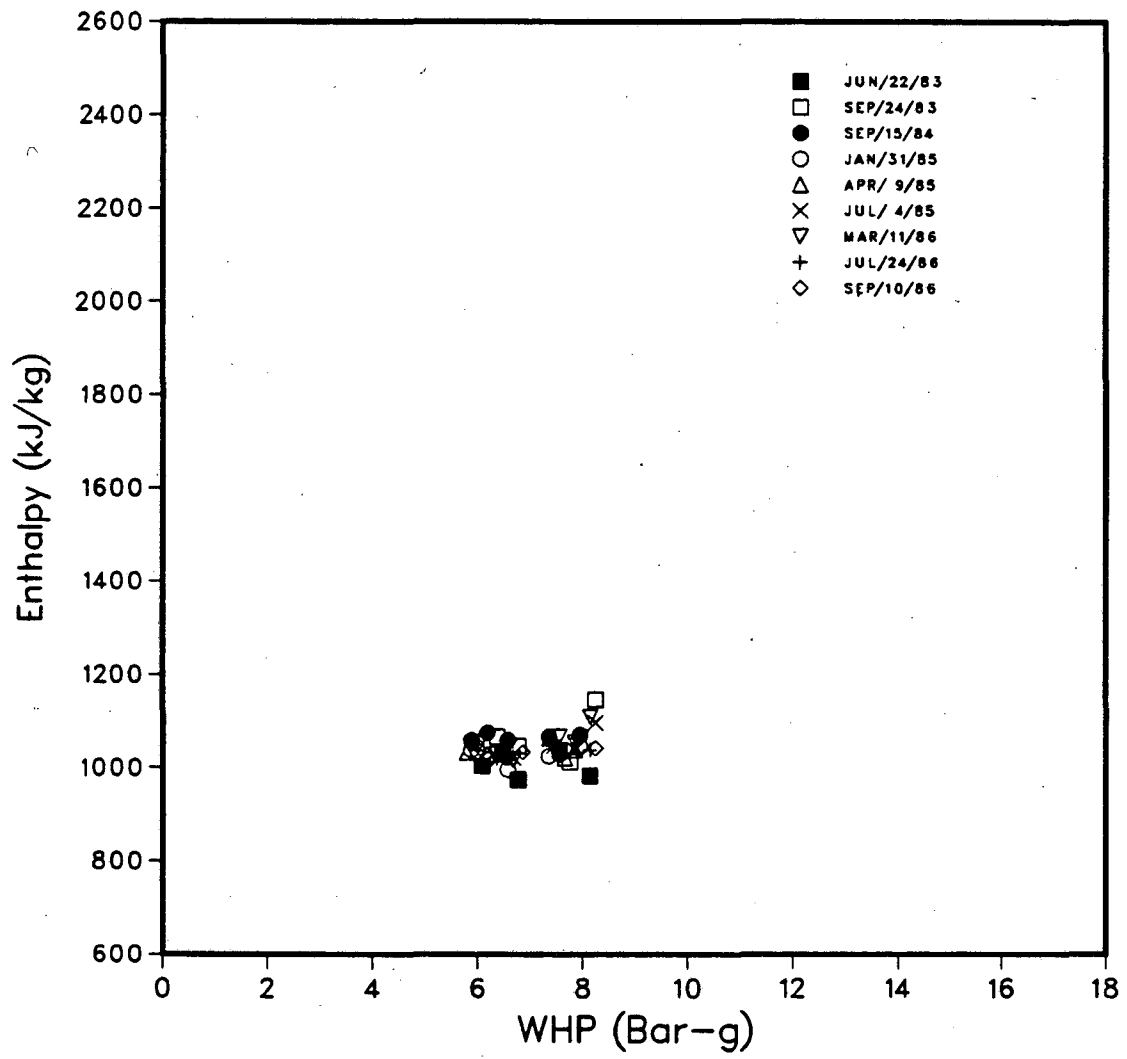
AH31 WHP vs. Flow



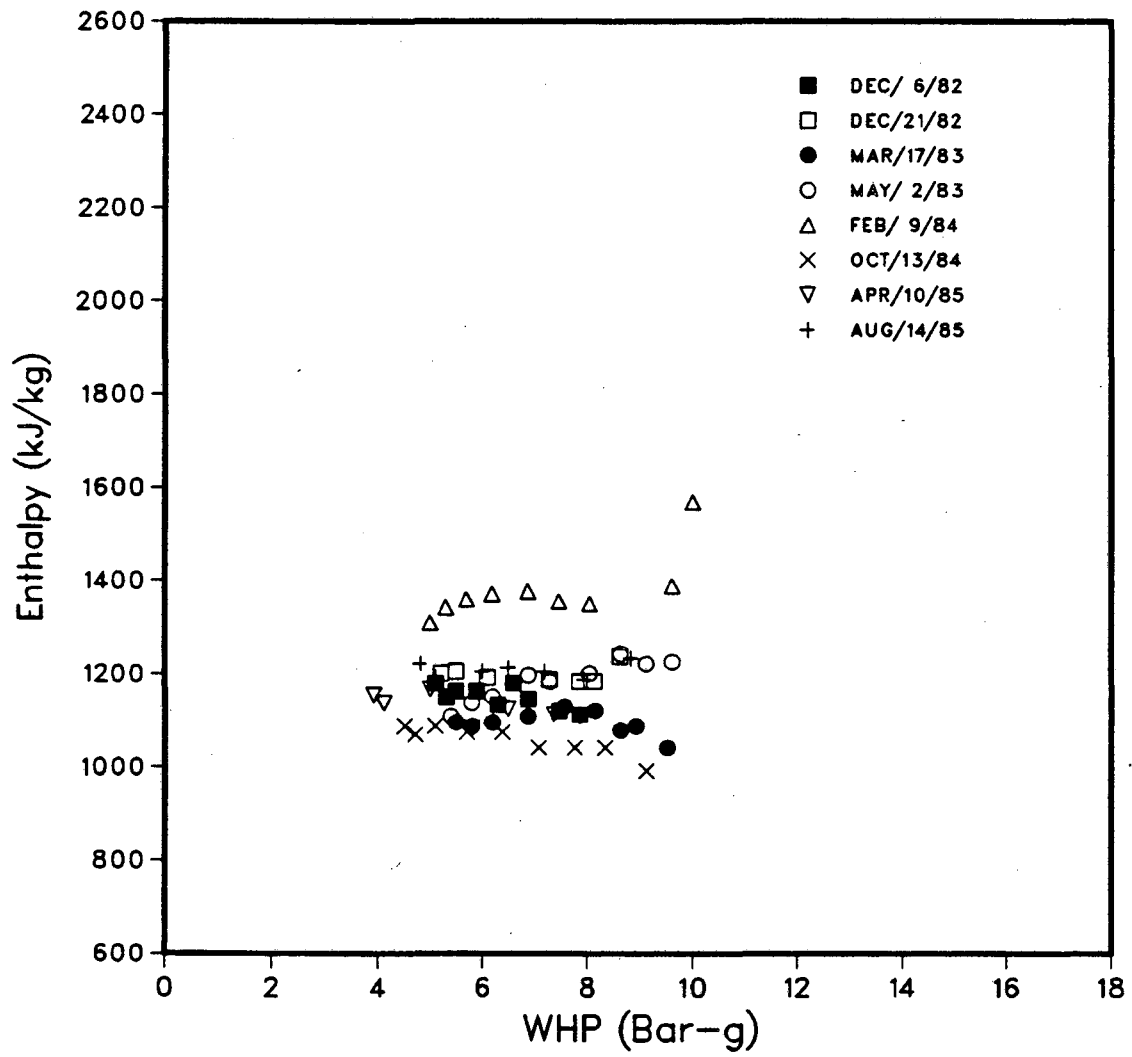
AH1 WHP vs. Enthalpy



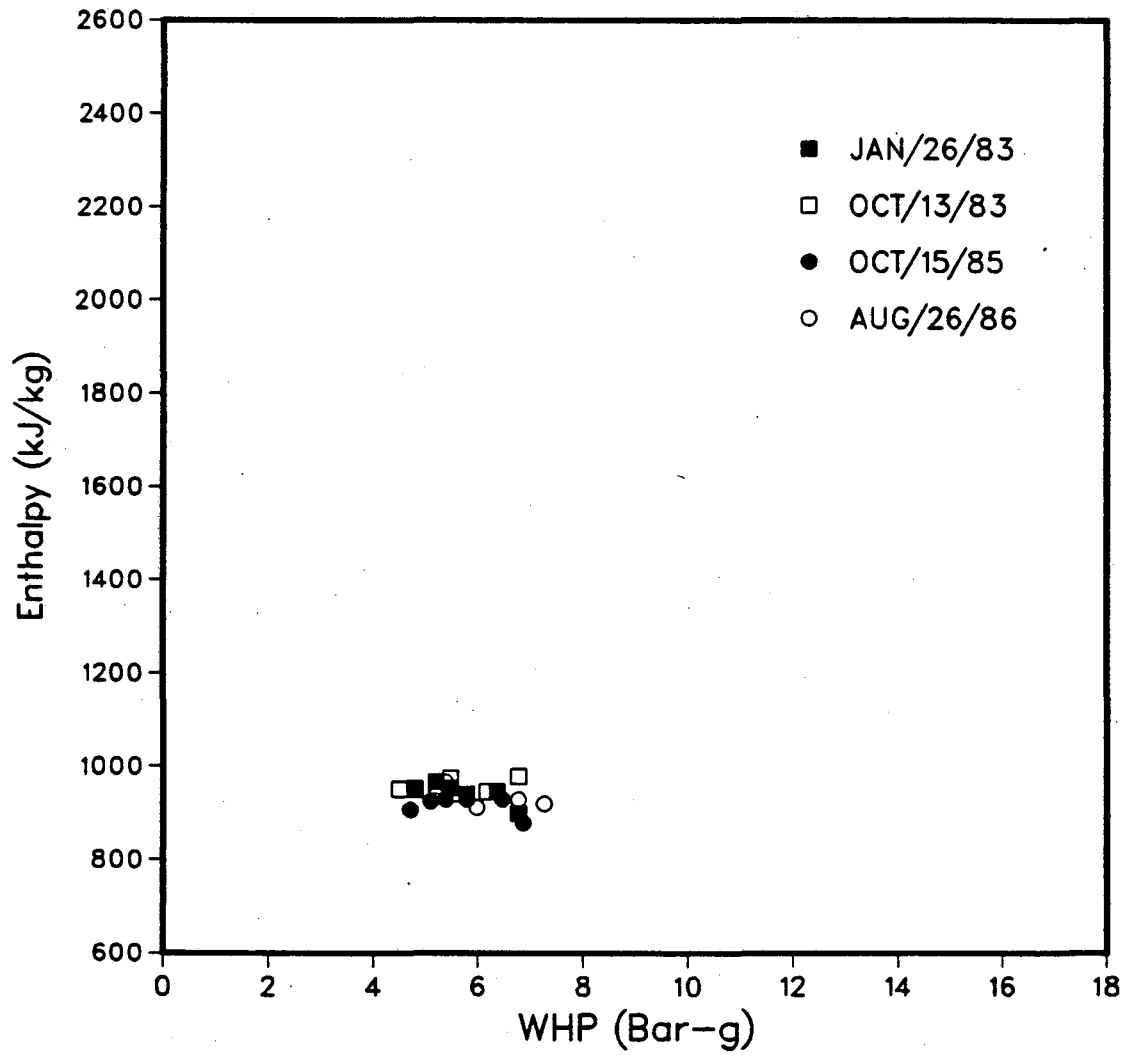
AH1 WHP vs. Enthalpy



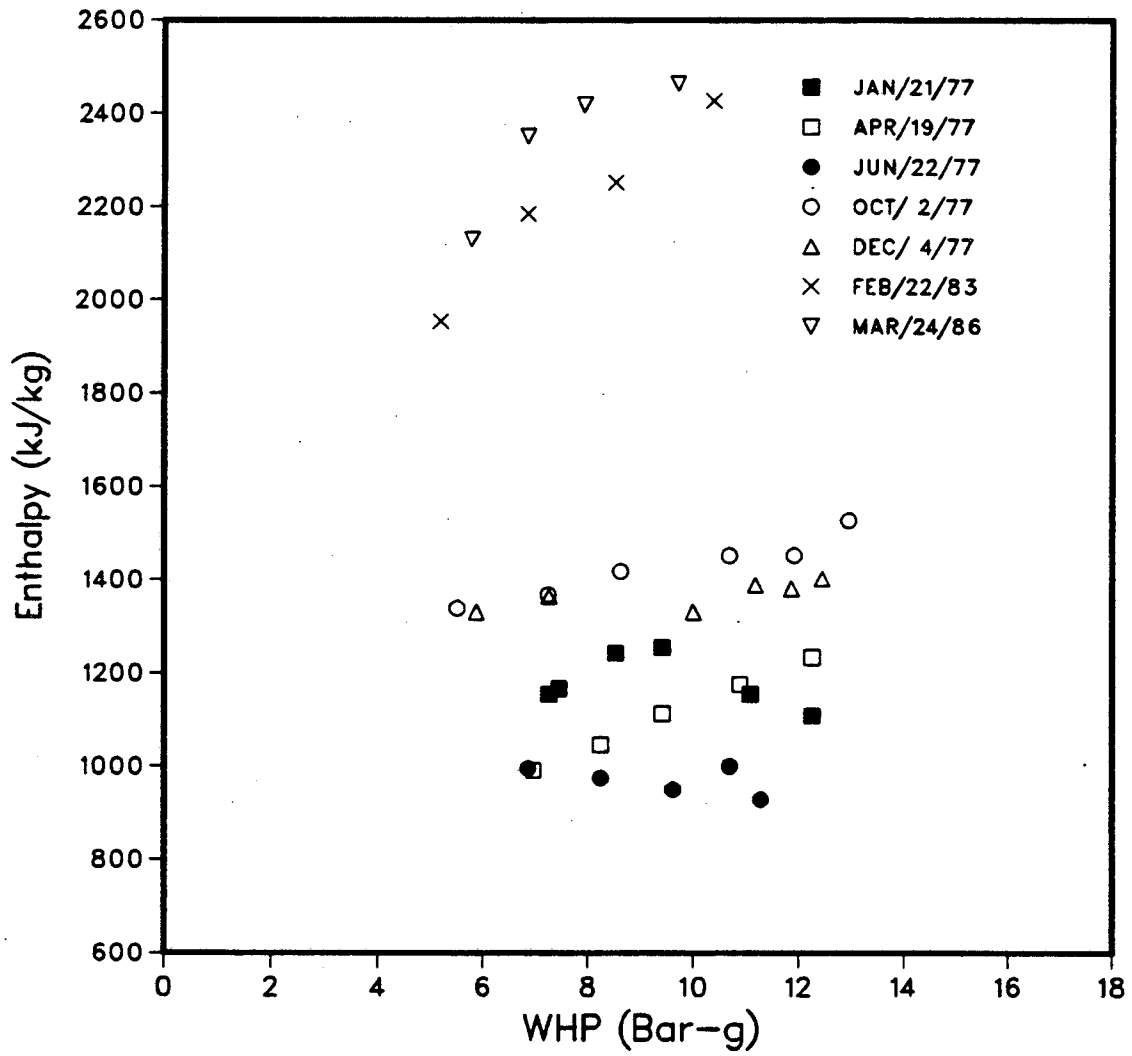
AH4 WHP vs. Enthalpy



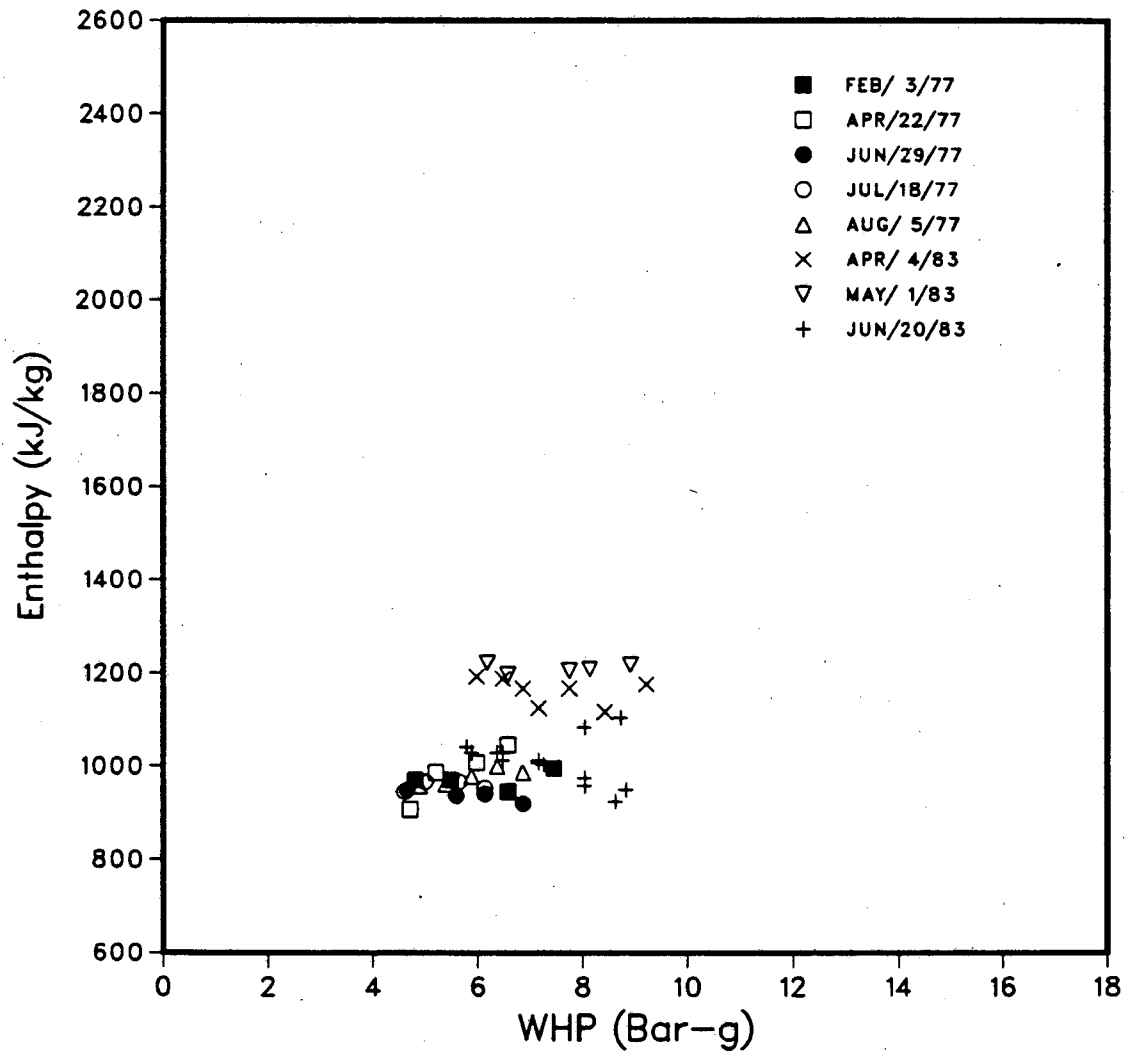
AH5 WHP vs. Enthalpy



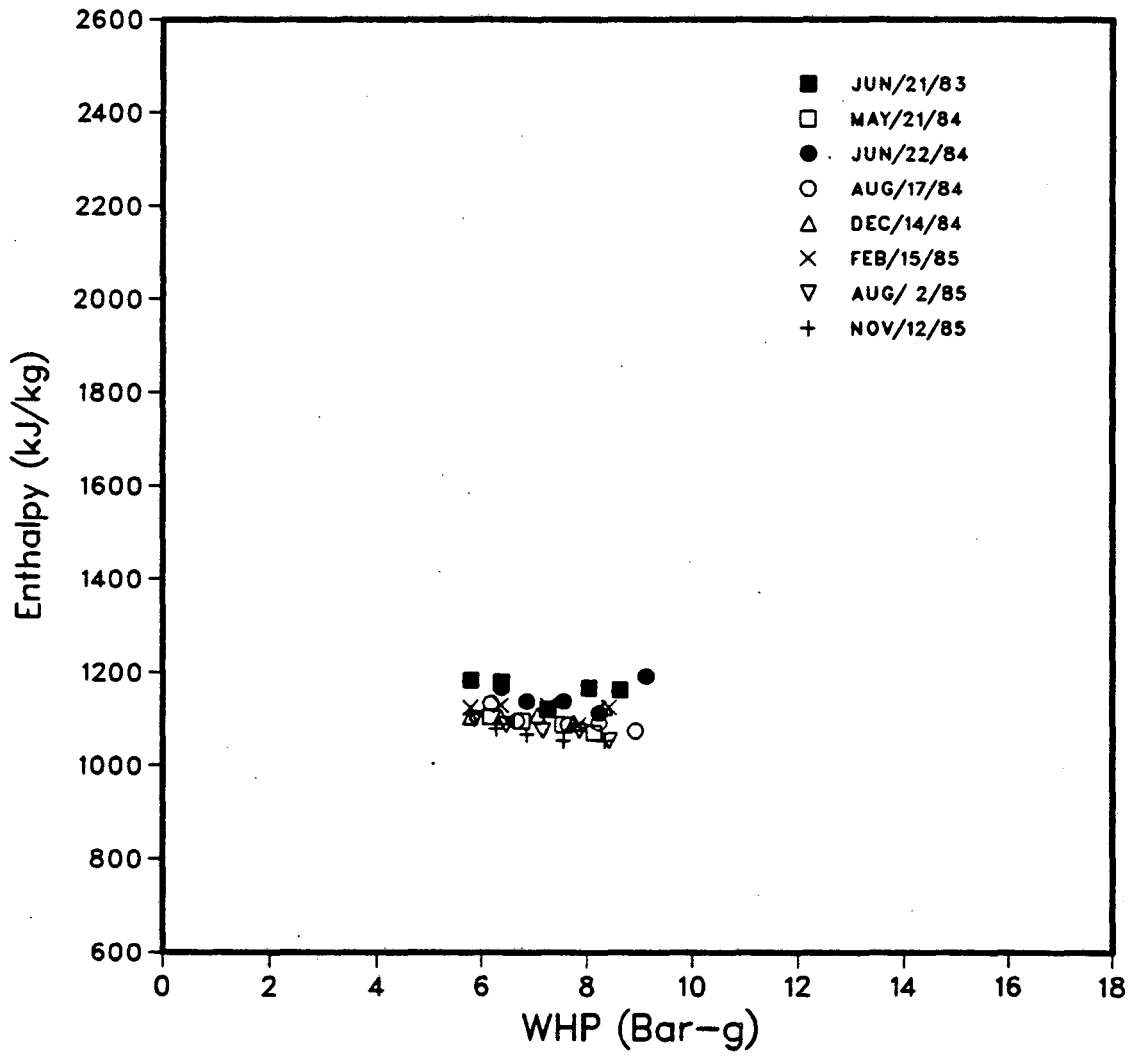
AH6 WHP vs. Enthalpy



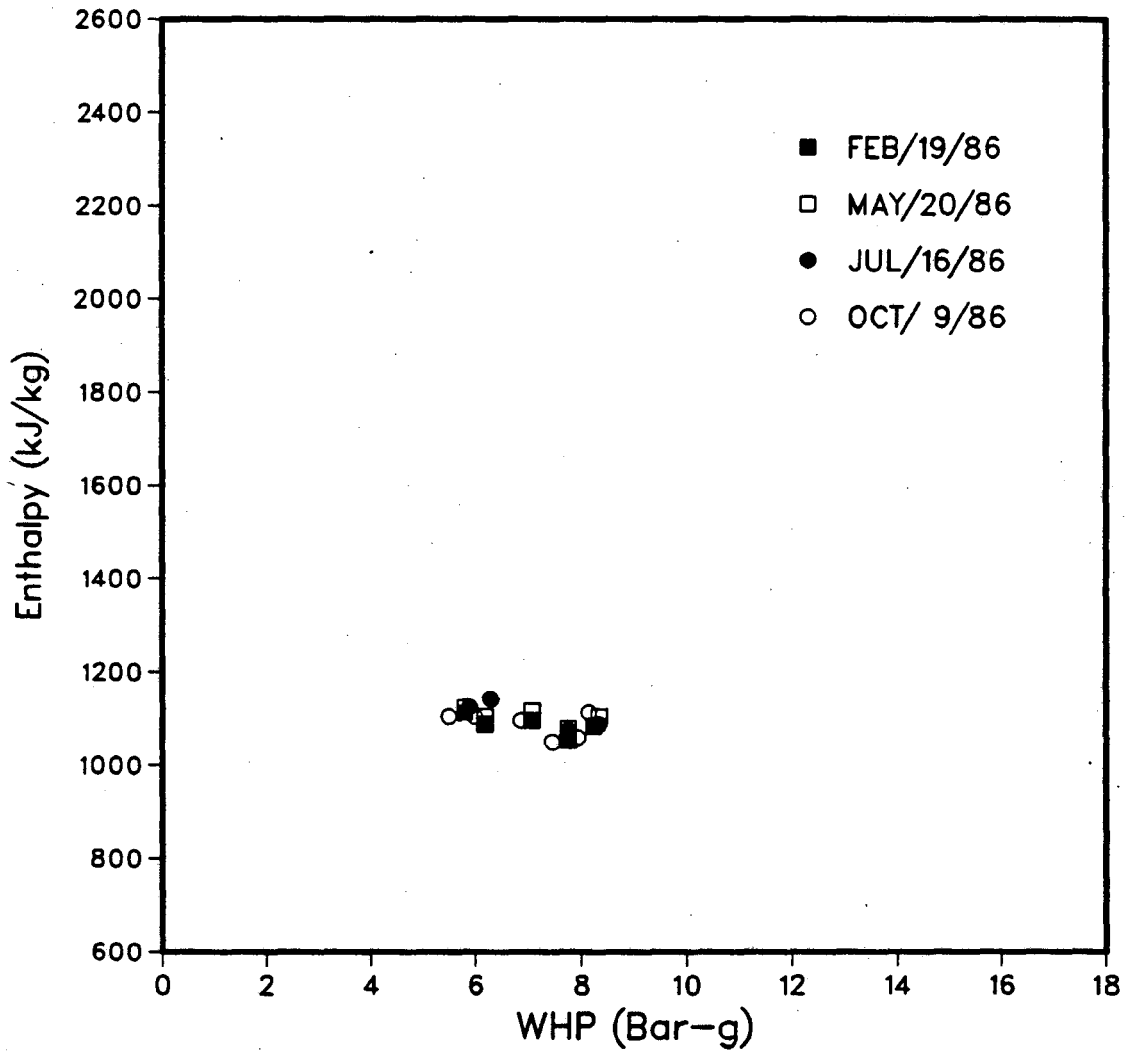
AH7 WHP vs. Enthalpy



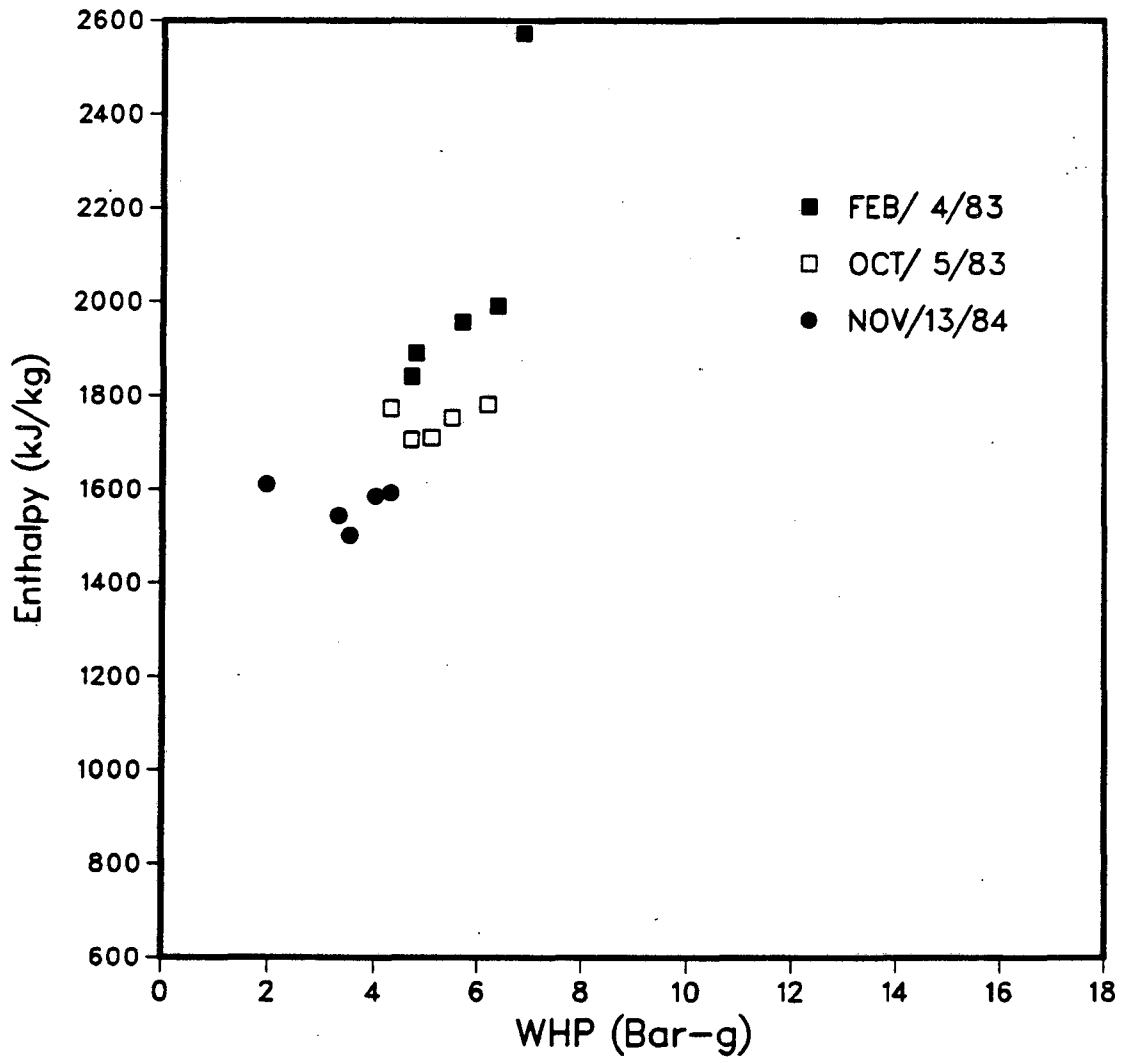
AH7 WHP vs. Enthalpy



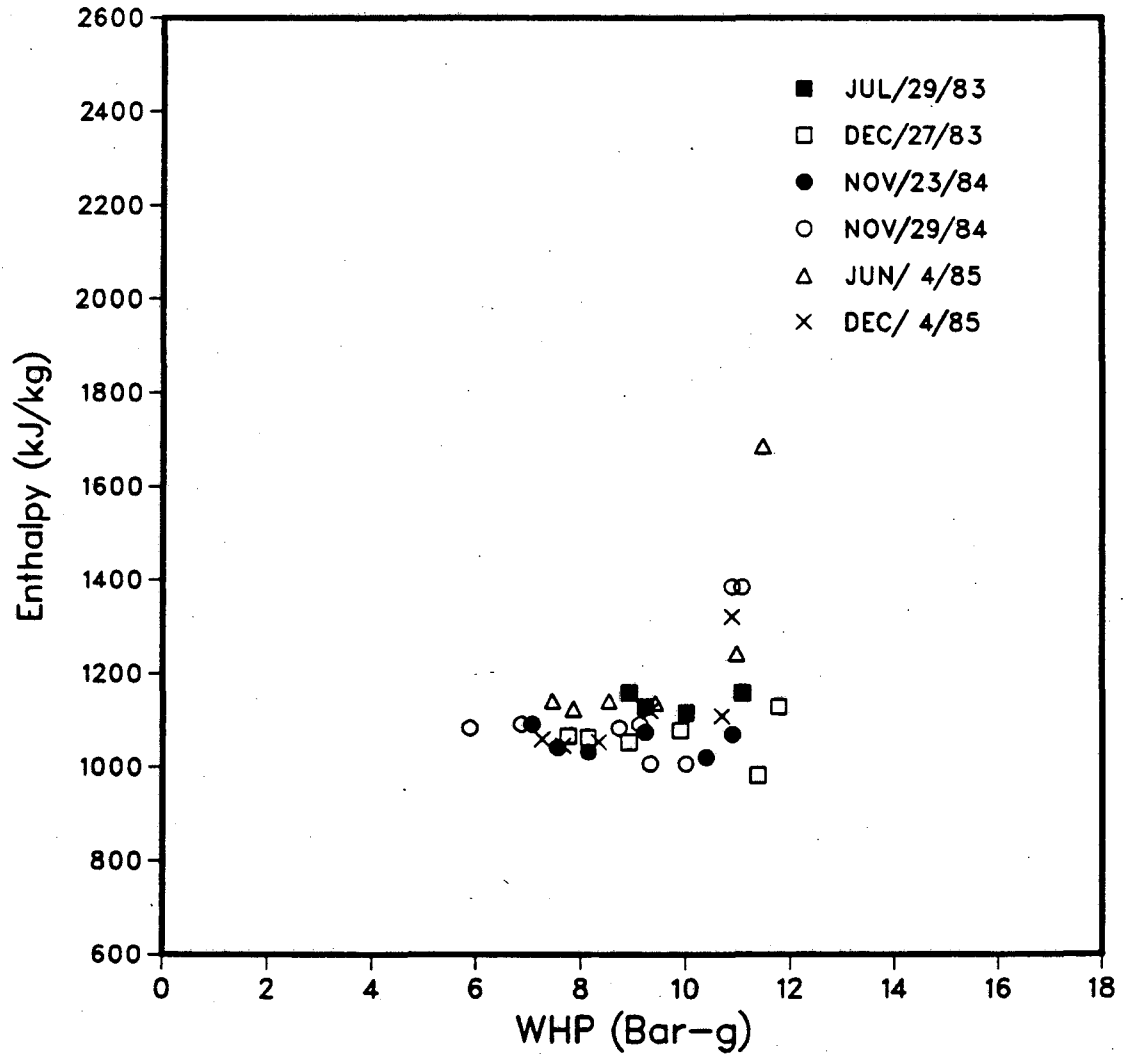
AH7 WHP vs. Enthalpy



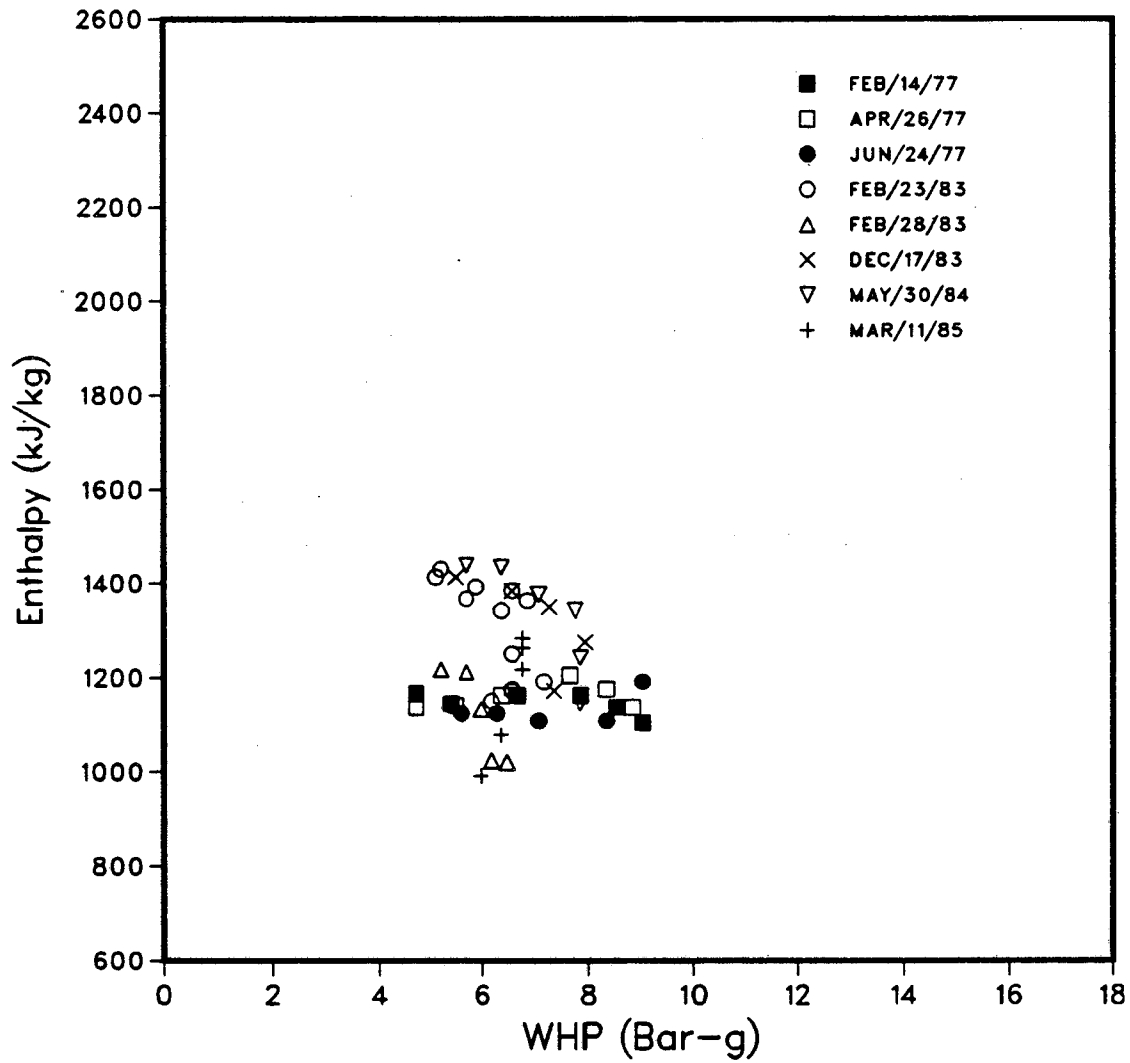
AH16 WHP vs. Enthalpy



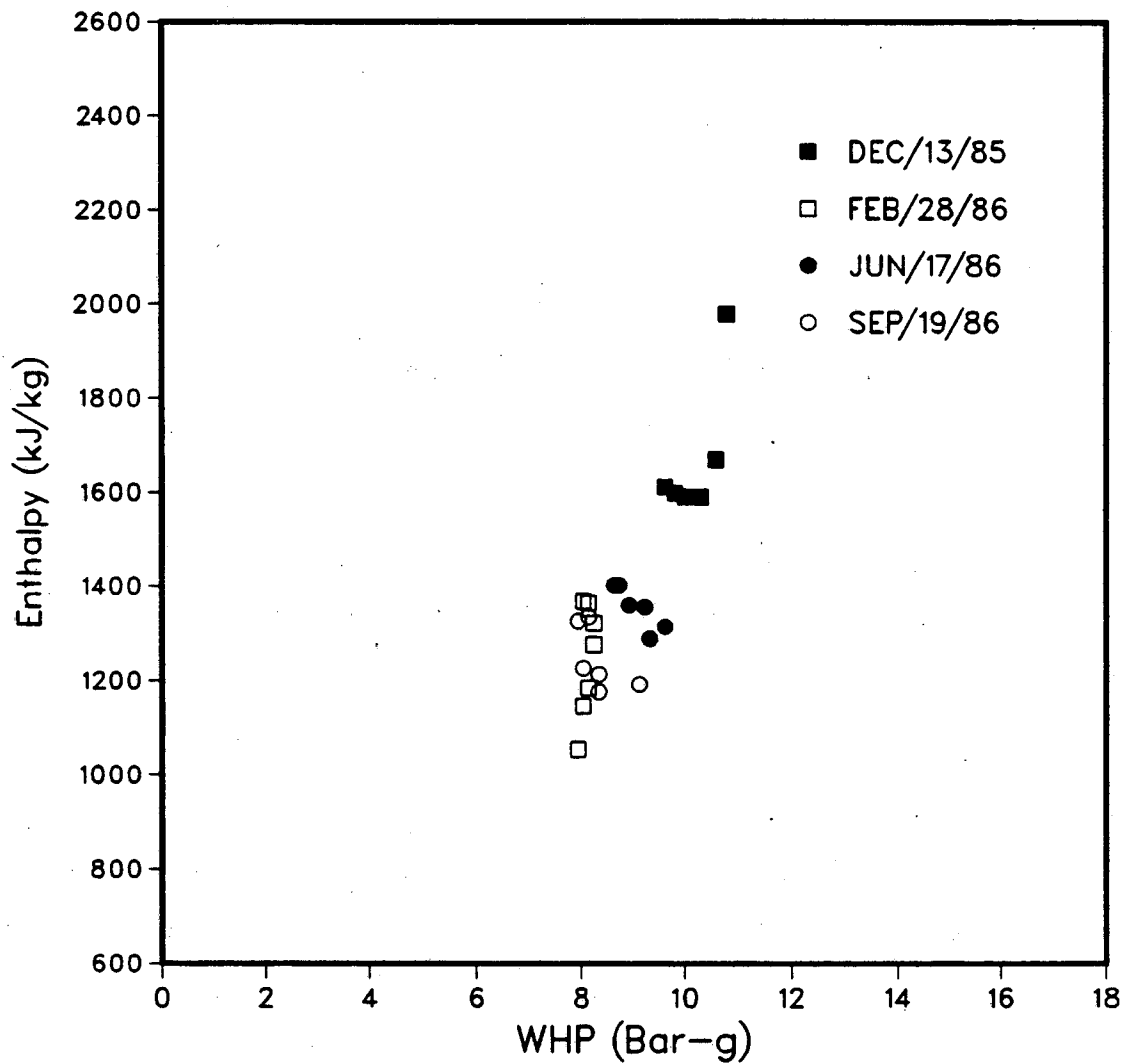
AH19 WHP vs. Enthalpy



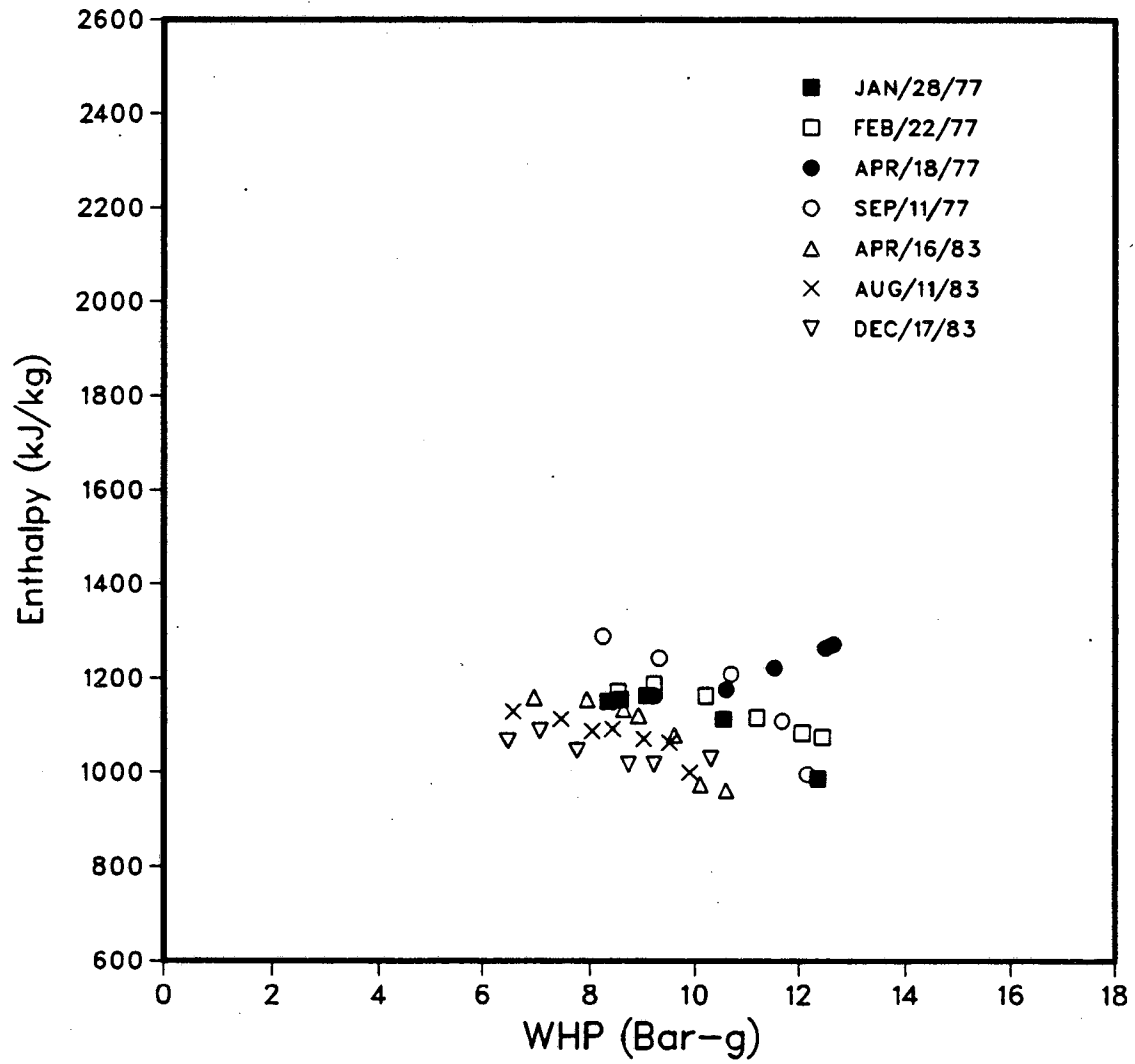
AH20 WHP vs. Enthalpy



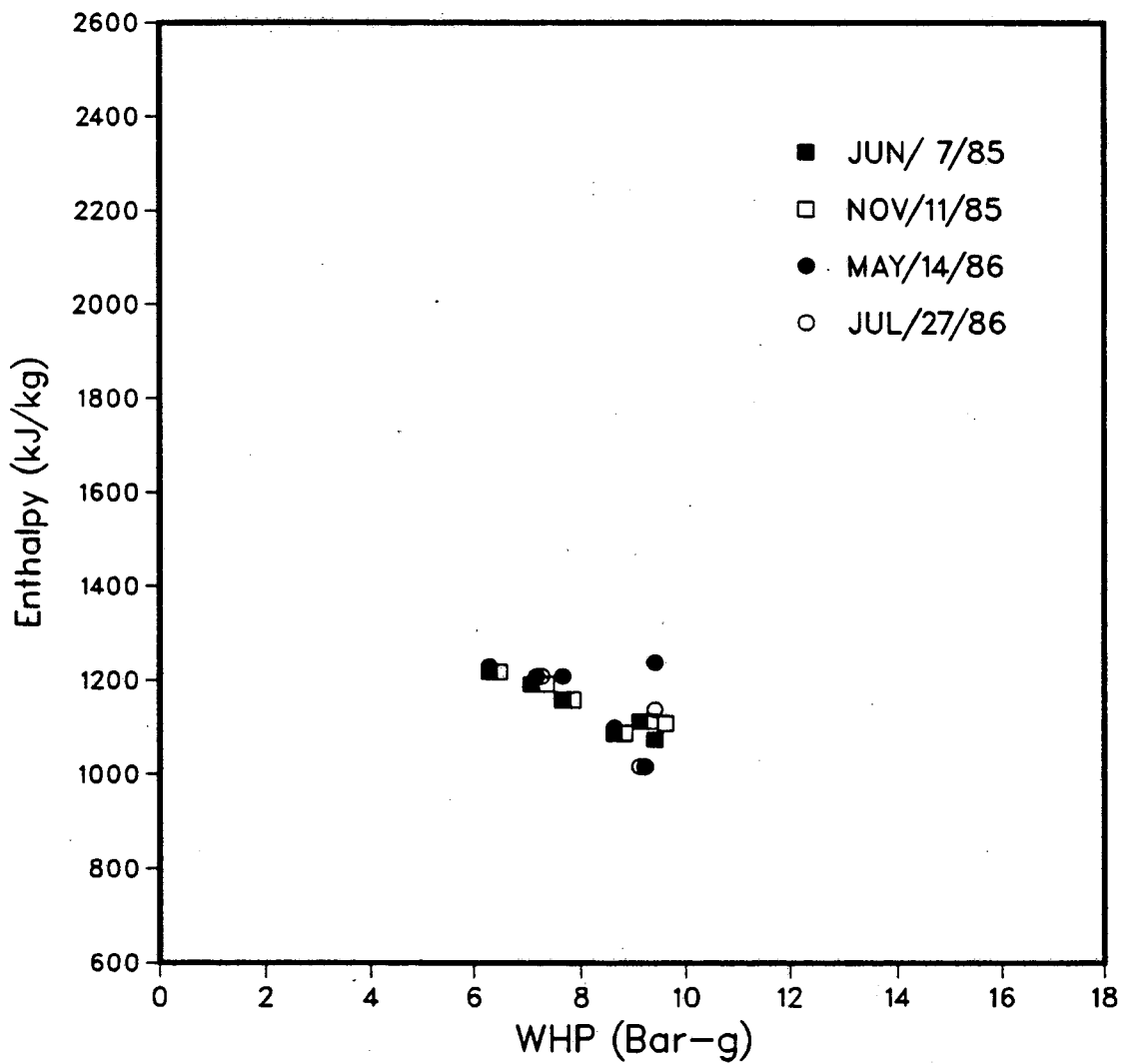
AH20 WHP vs. Enthalpy



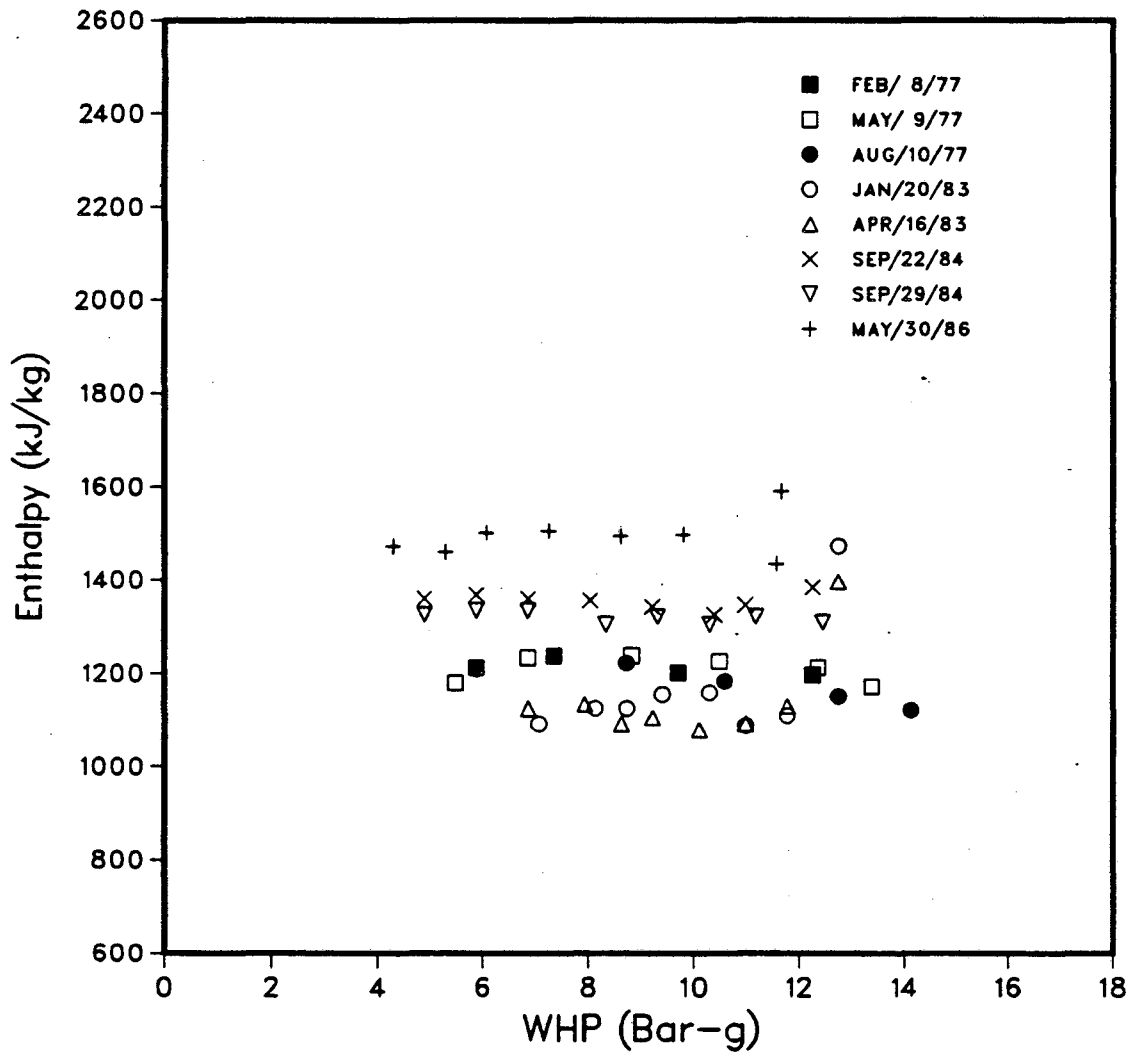
AH21 WHP vs. Enthalpy



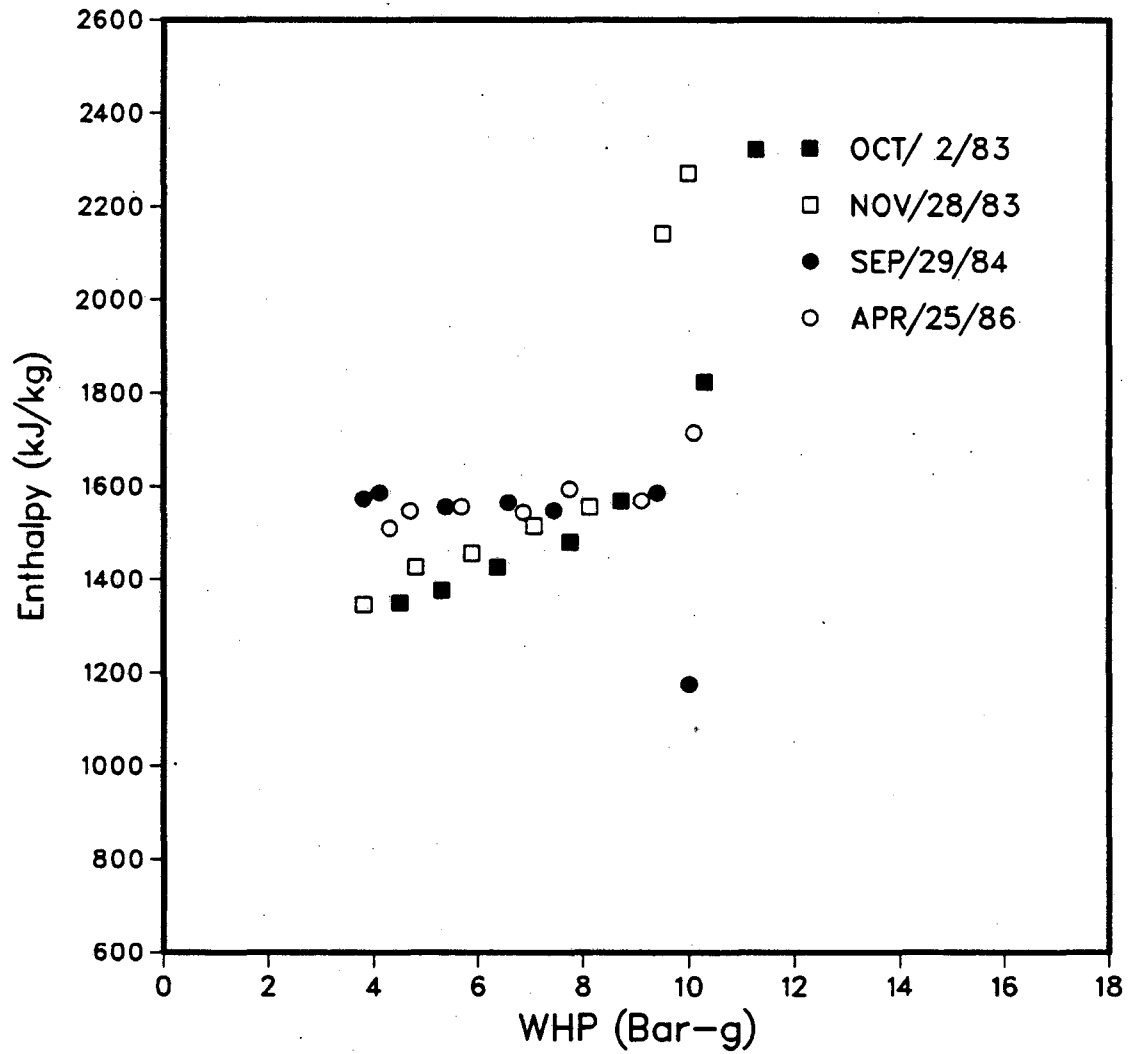
AH21 WHP vs. Enthalpy



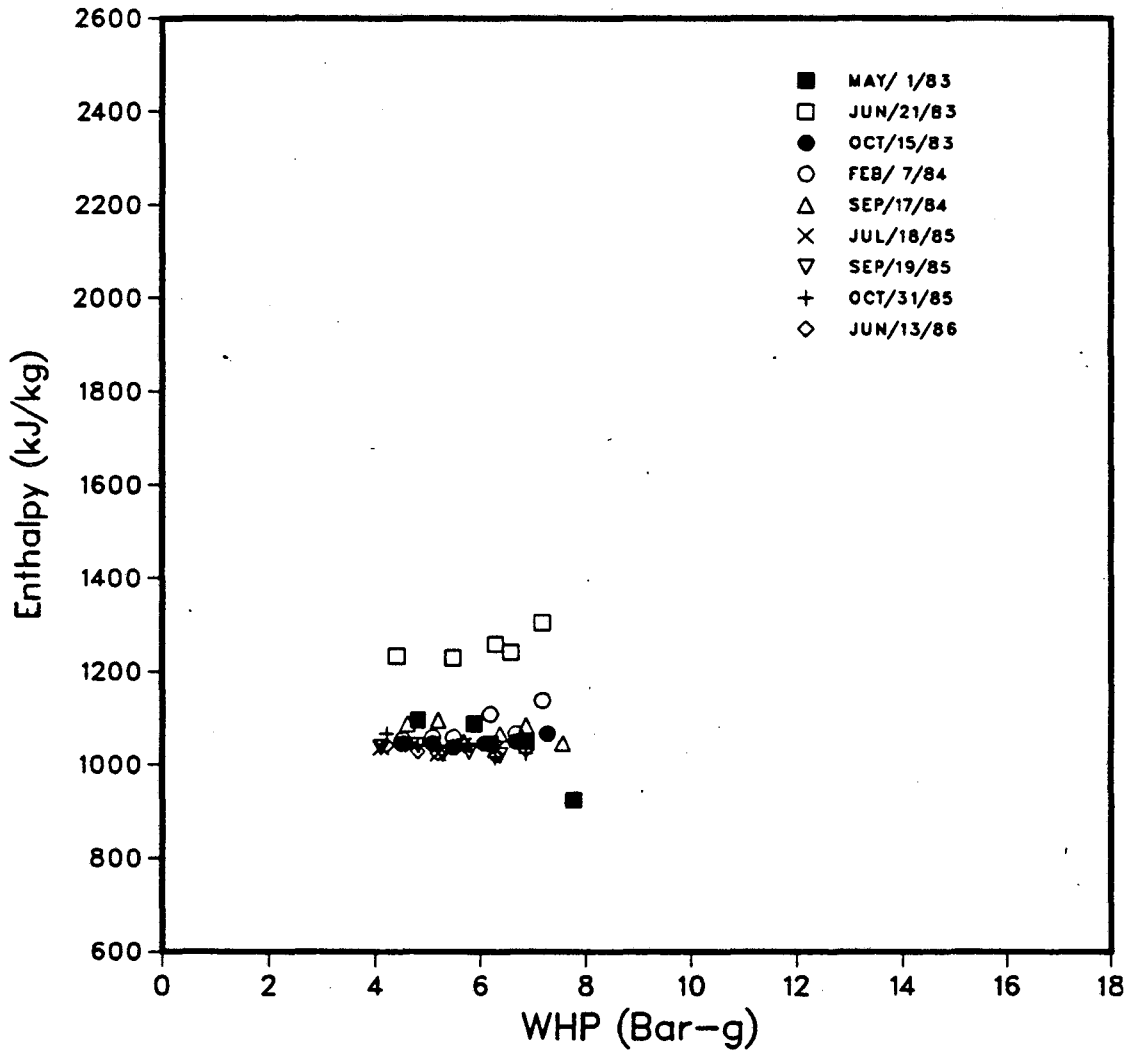
AH22 WHP vs. Enthalpy



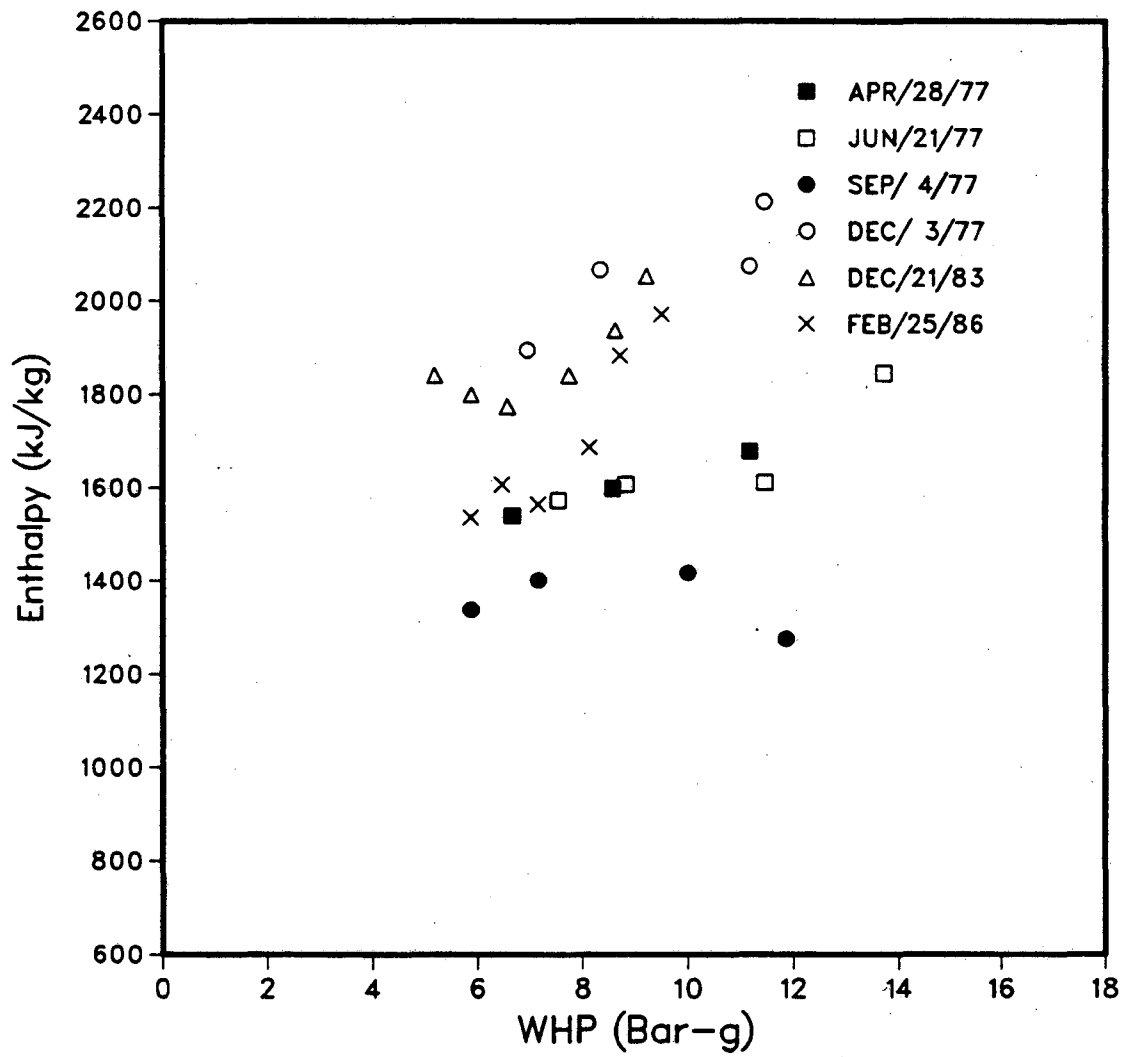
AH23 WHP vs. Enthalpy



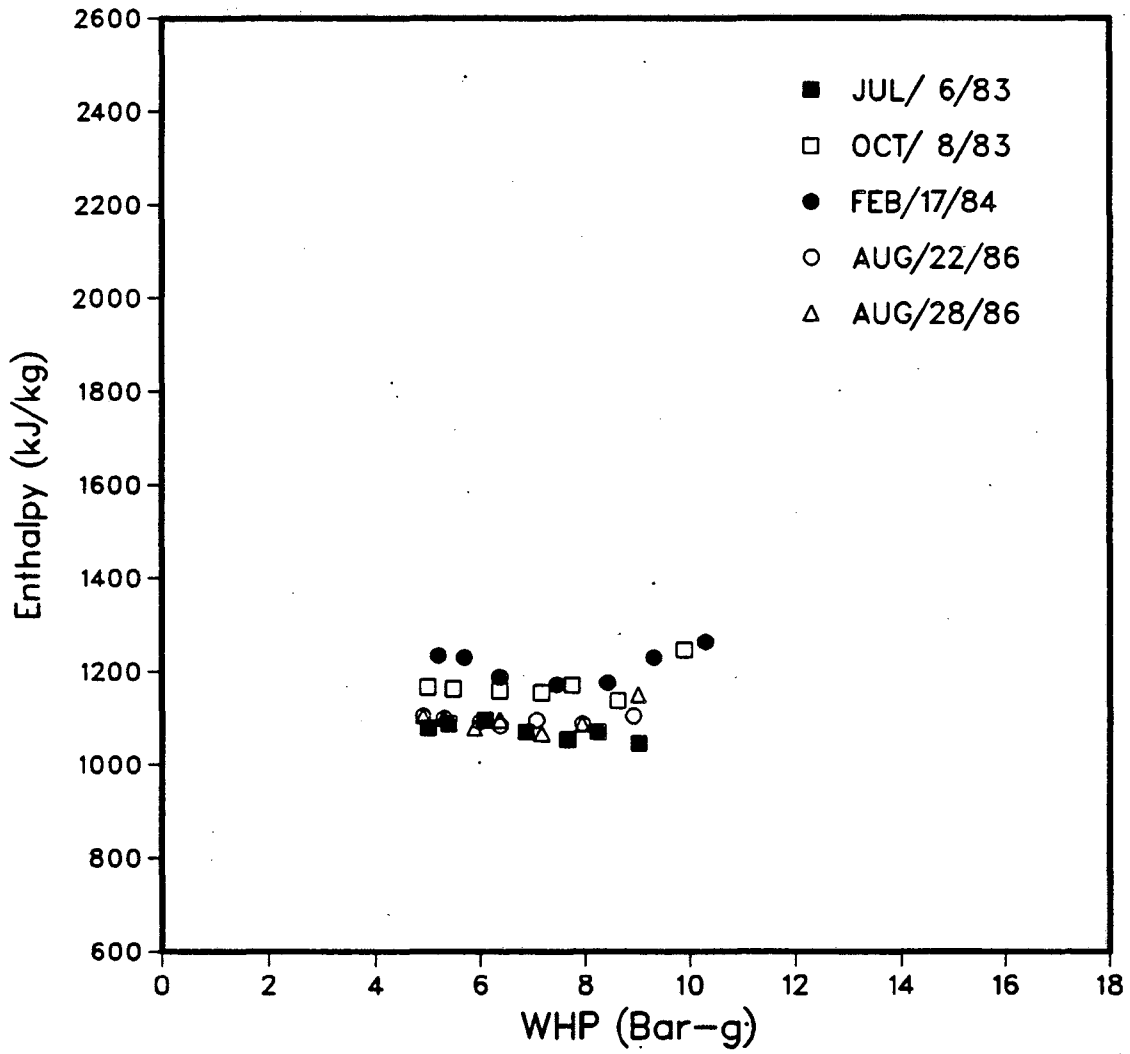
AH24 WHP vs. Enthalpy



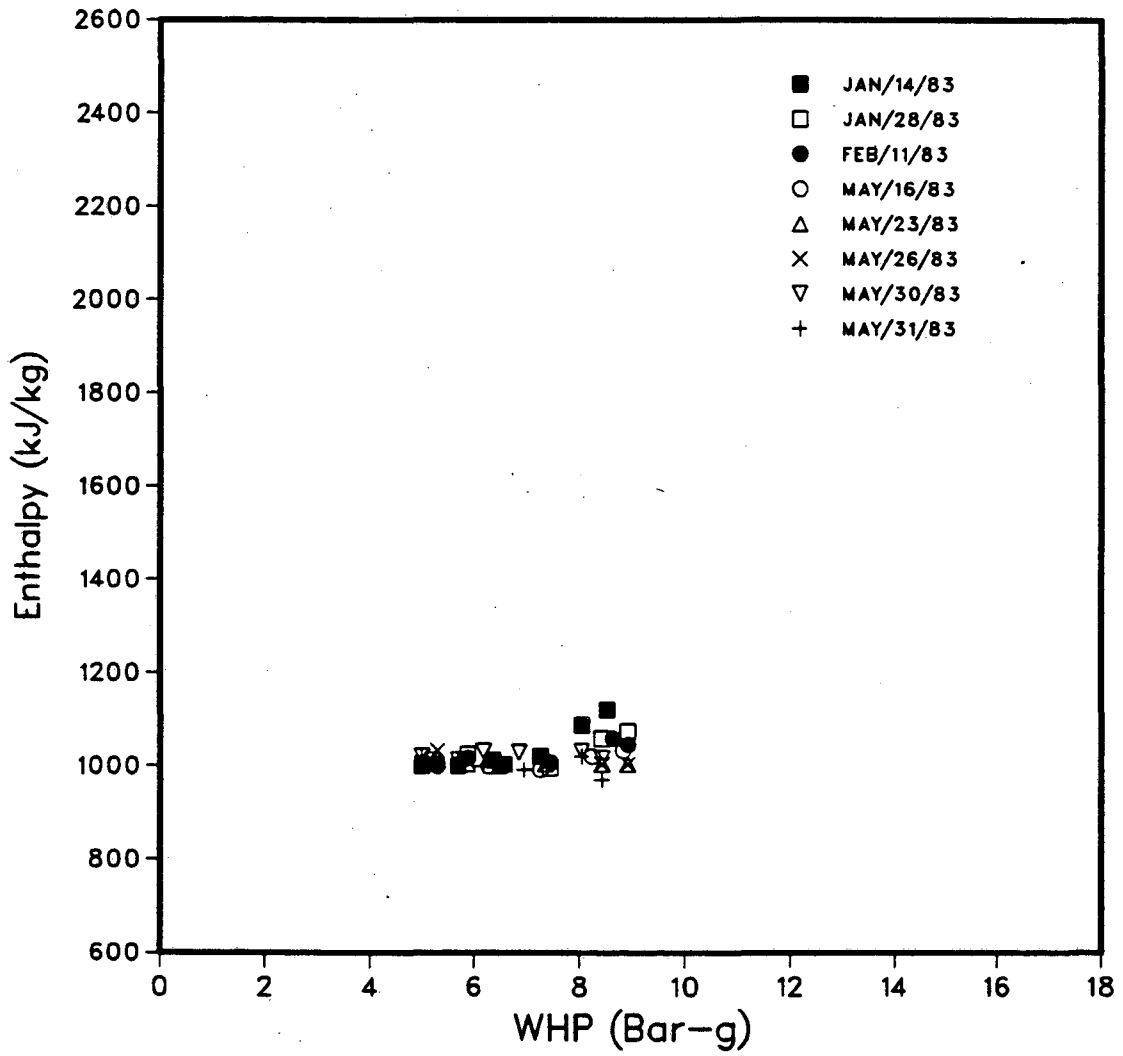
AH26 WHP vs. Enthalpy



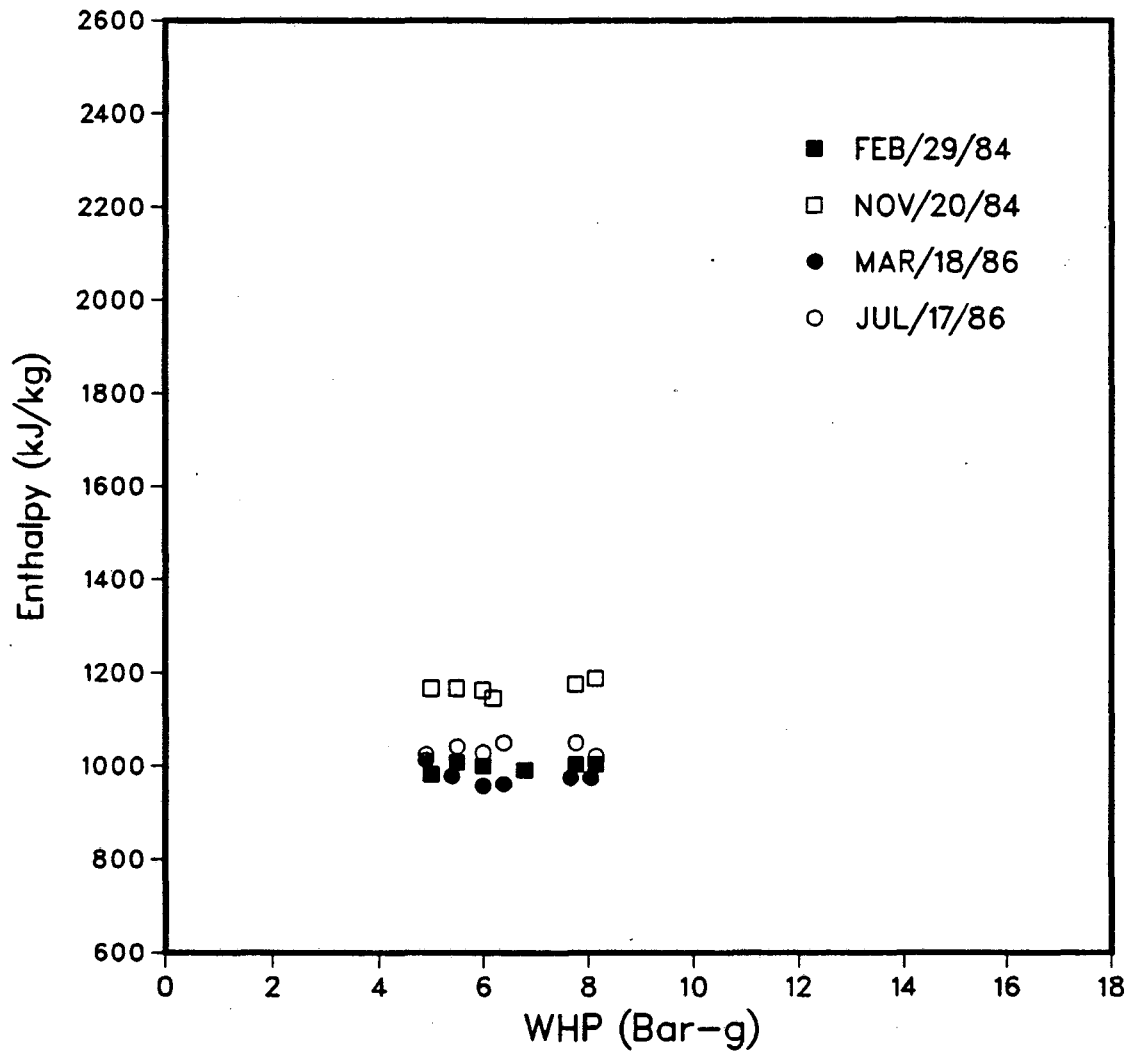
AH27 WHP vs. Enthalpy



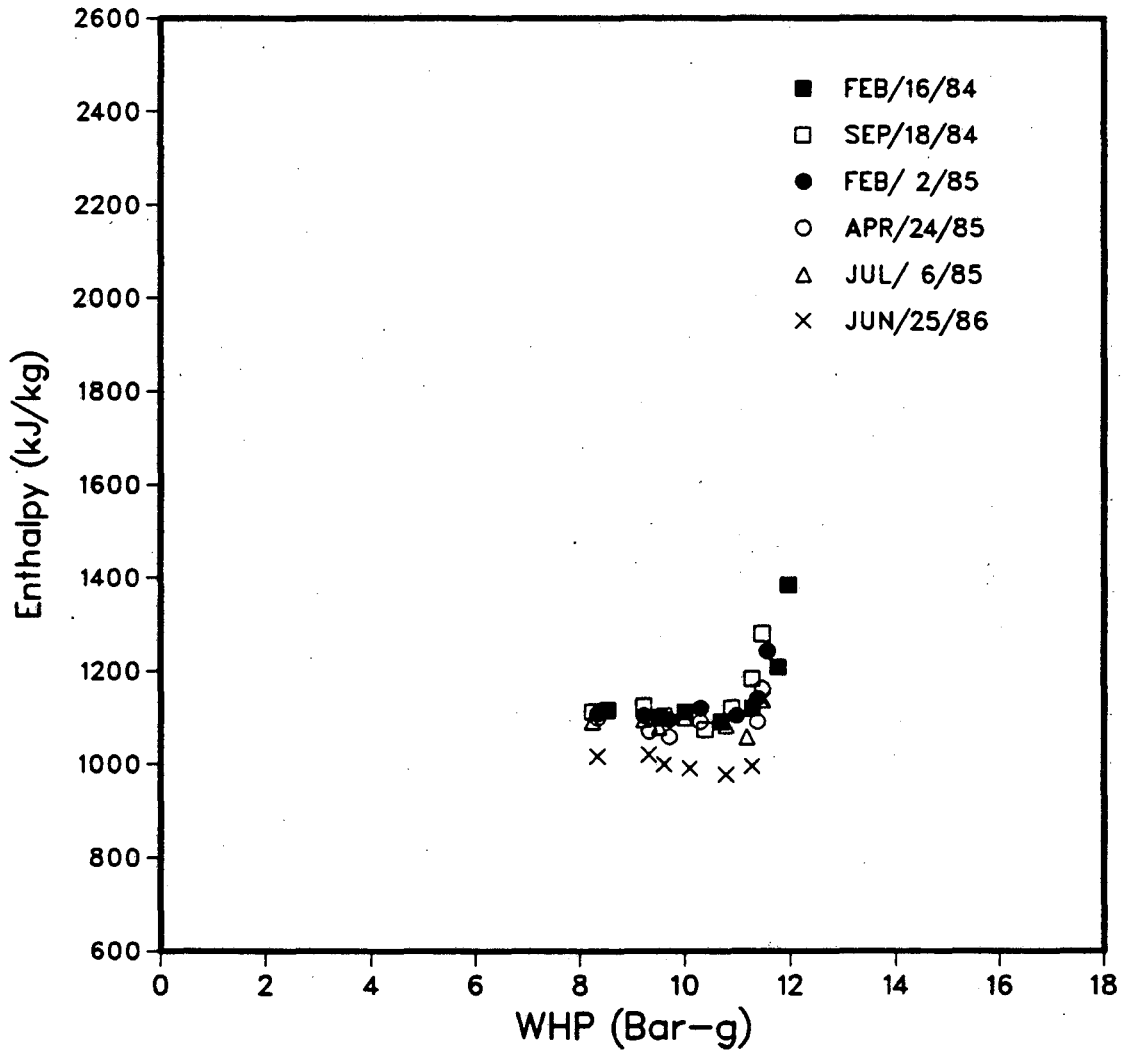
AH28 WHP vs. Enthalpy



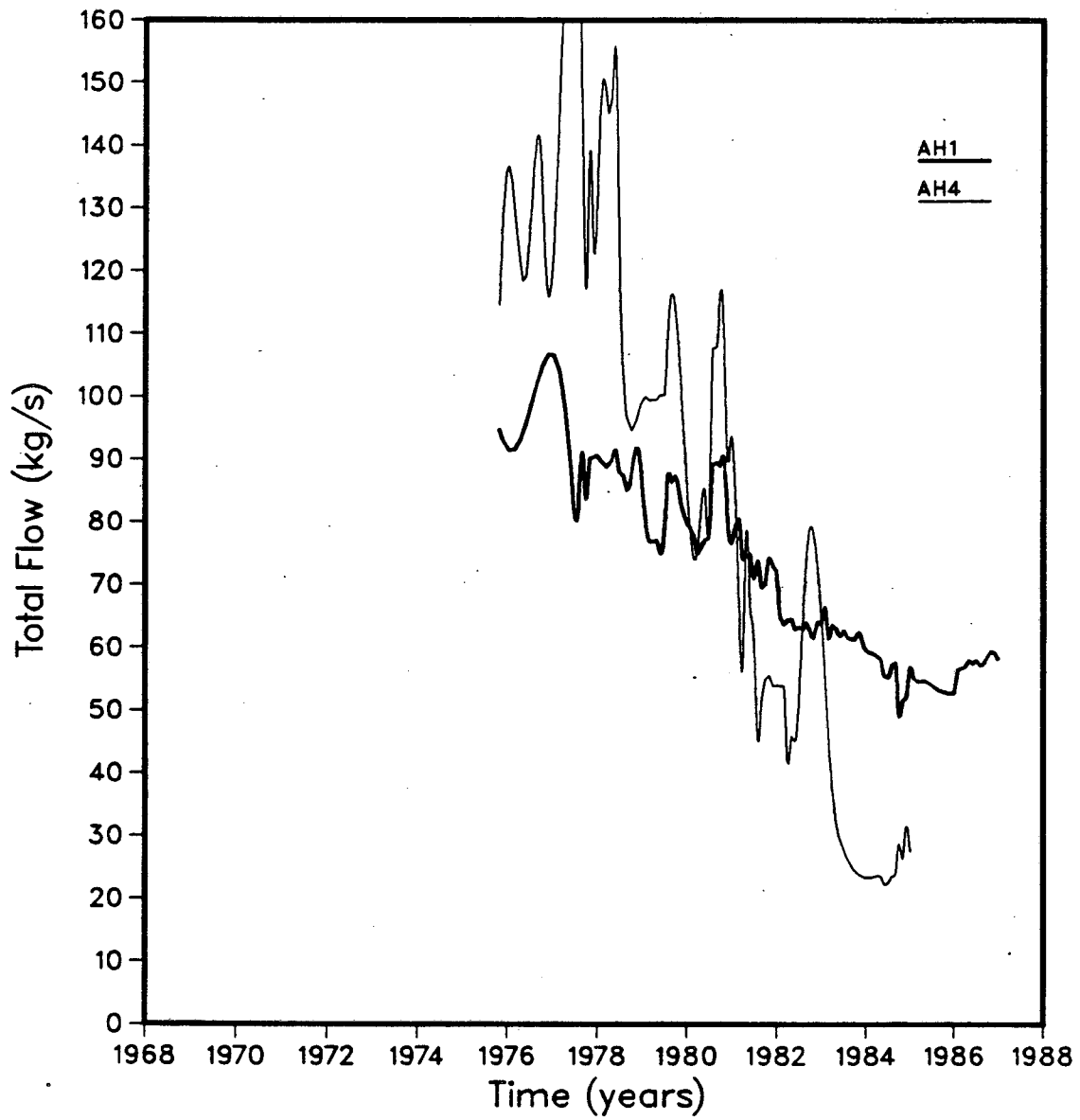
AH28 WHP vs. Enthalpy



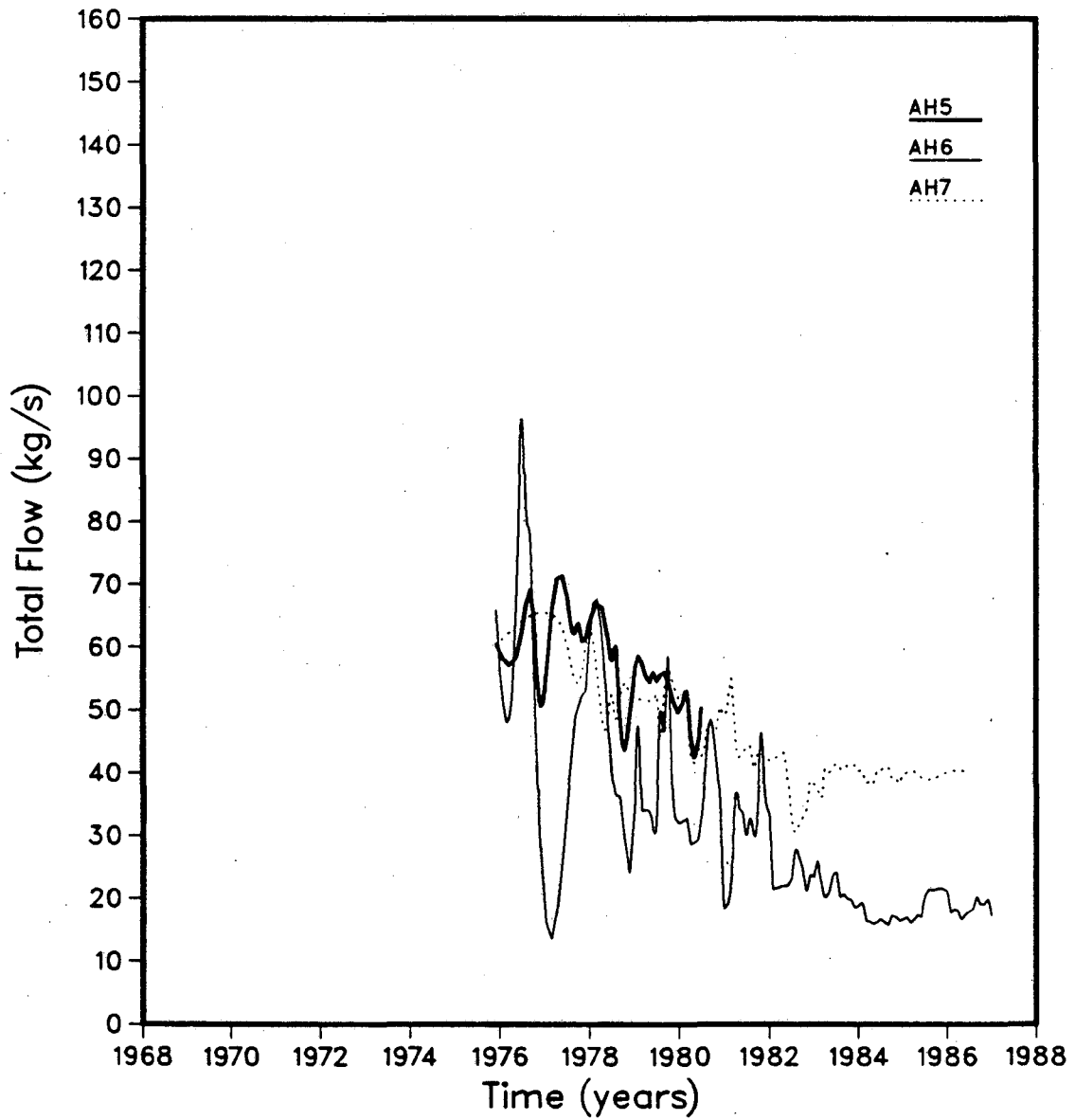
AH31 WHP vs. Enthalpy



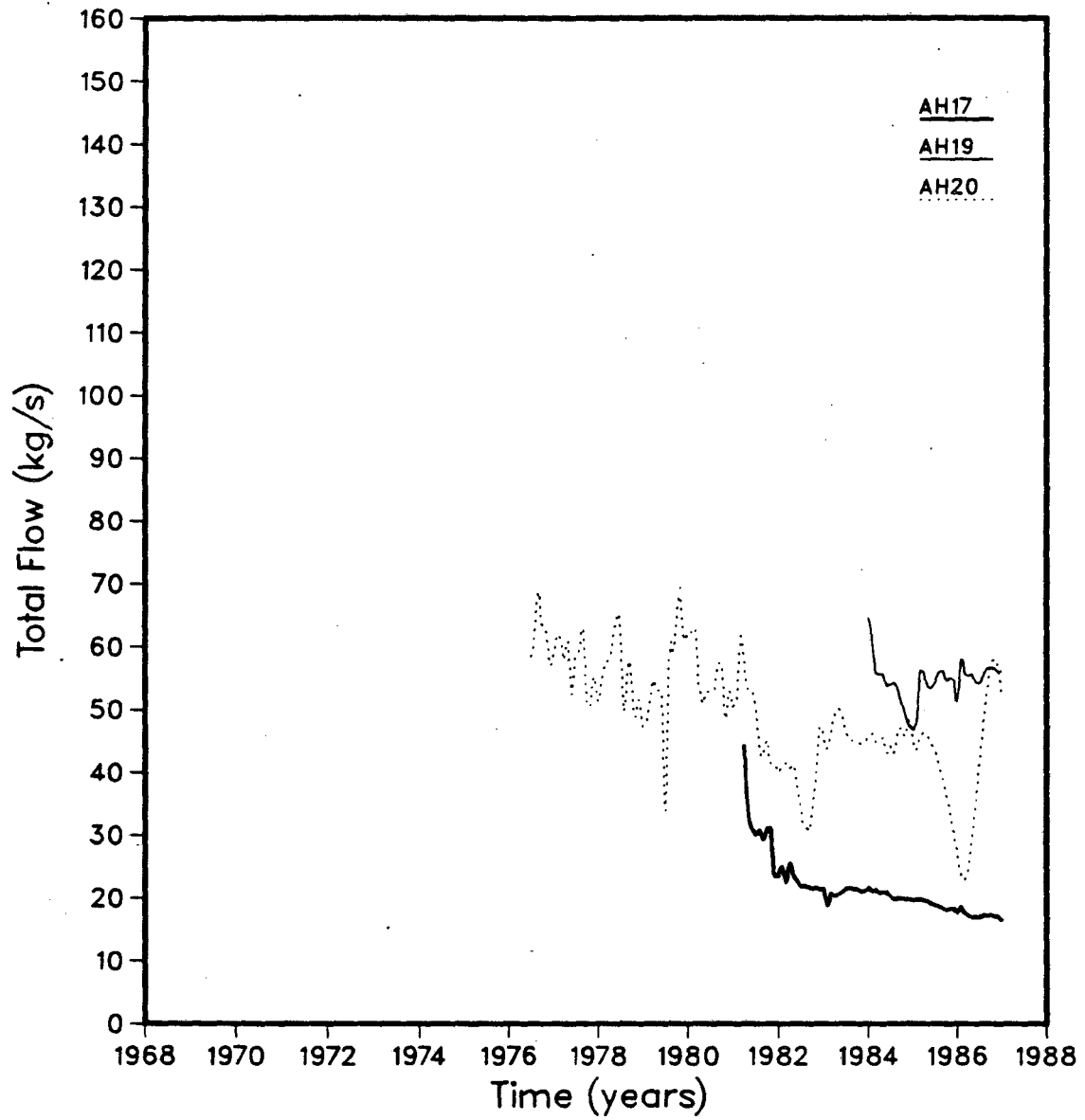
Mass Flow Trend



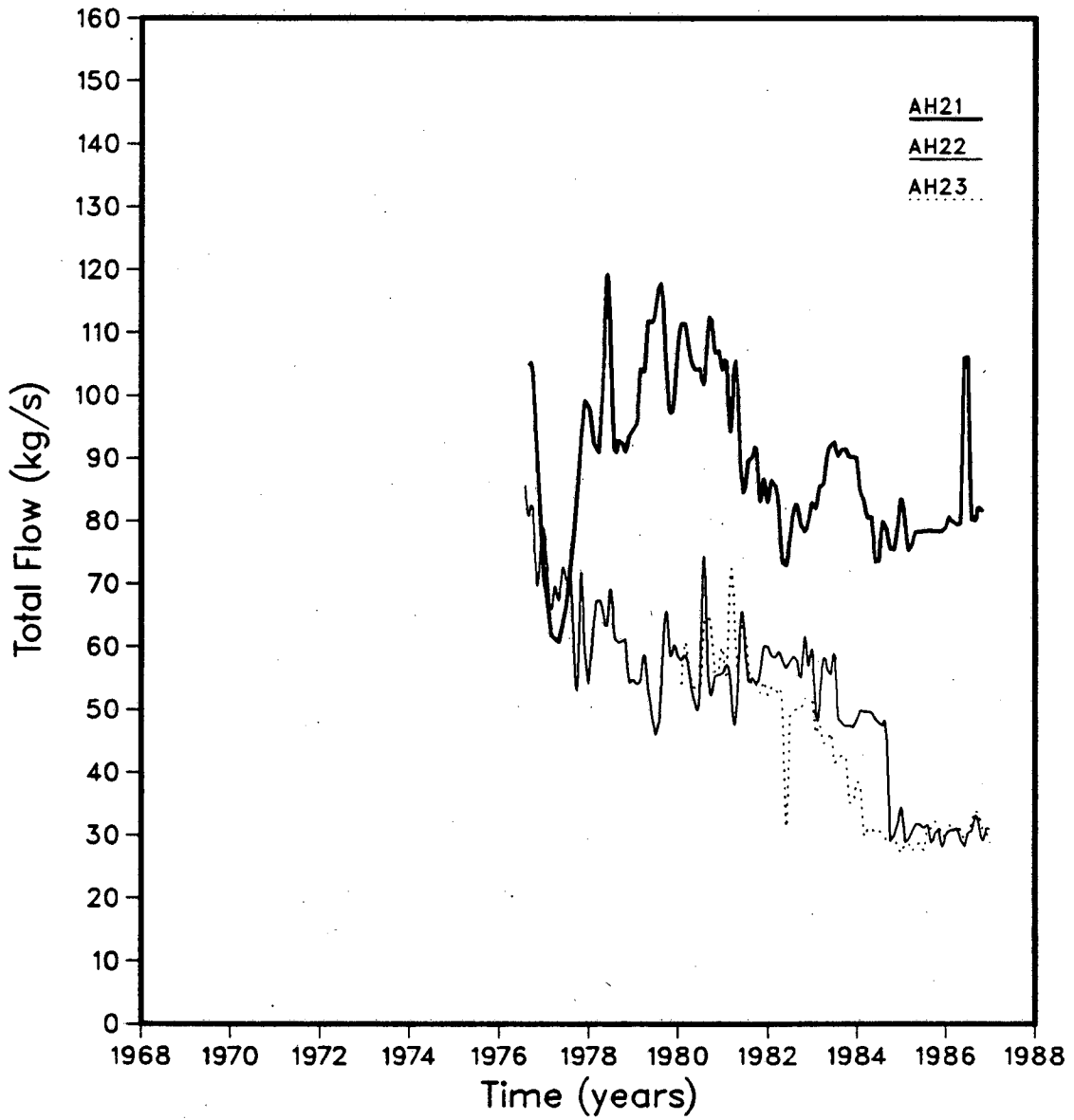
Mass Flow Trend



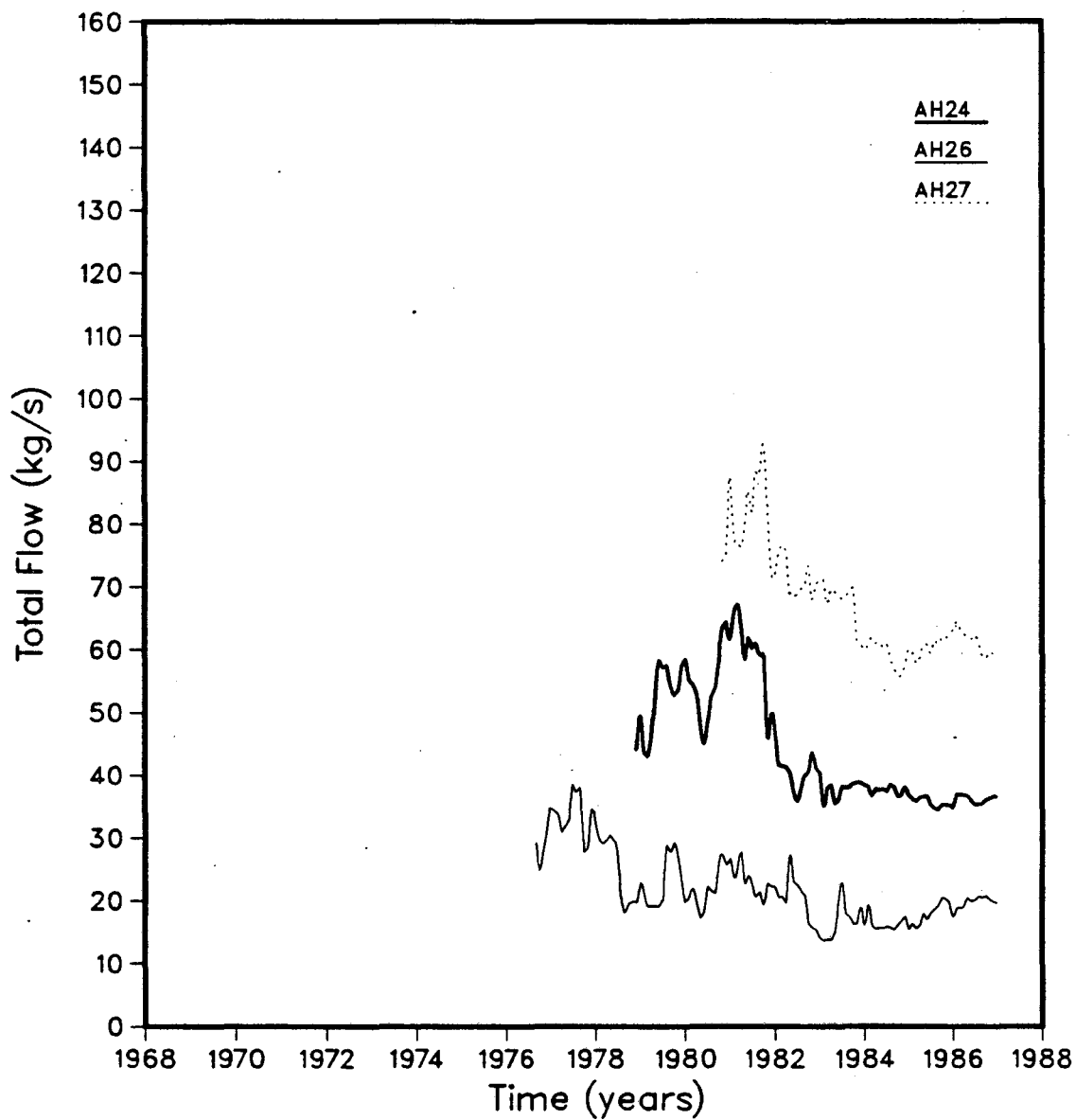
Mass Flow Trend



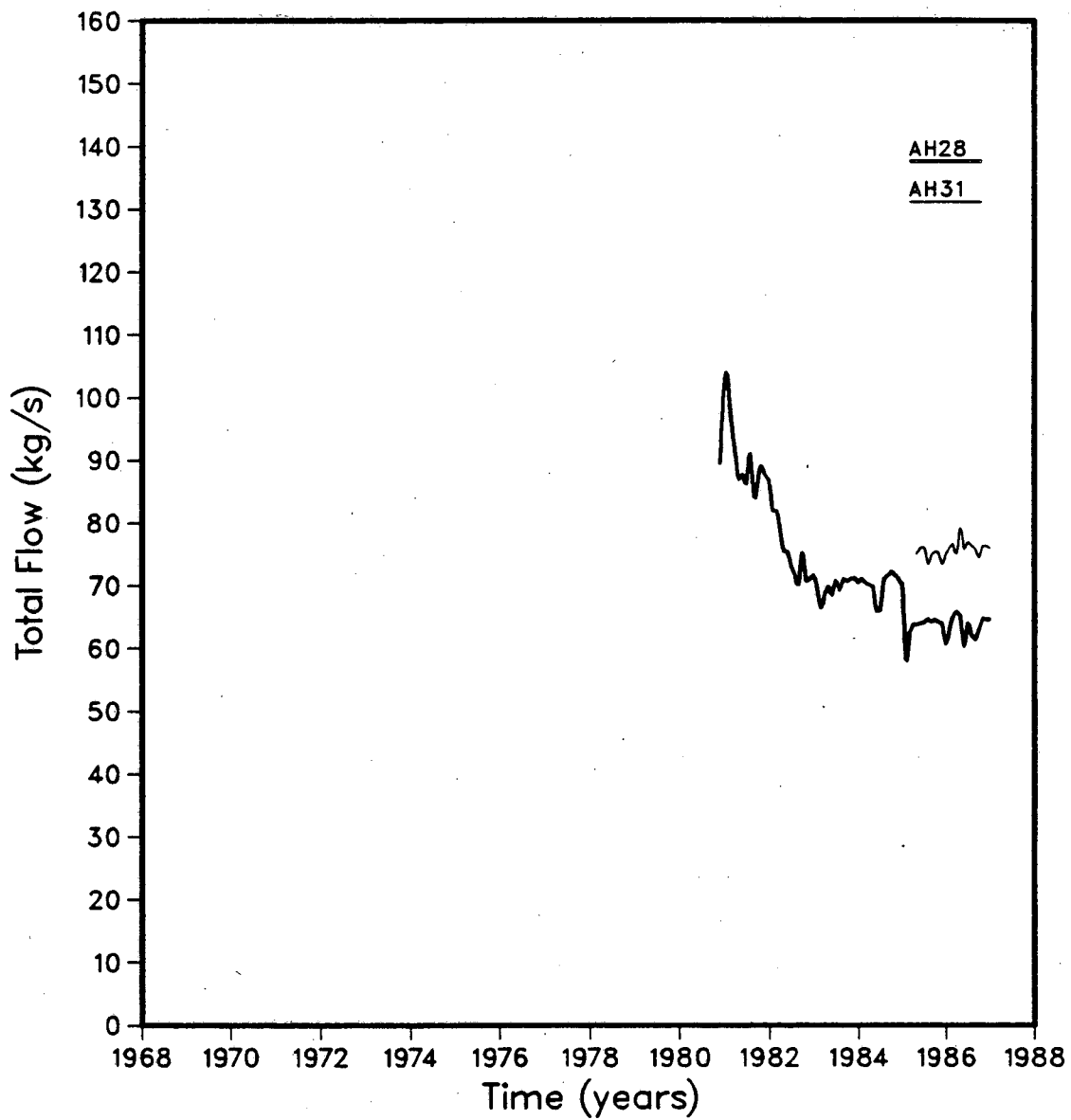
Mass Flow Trend



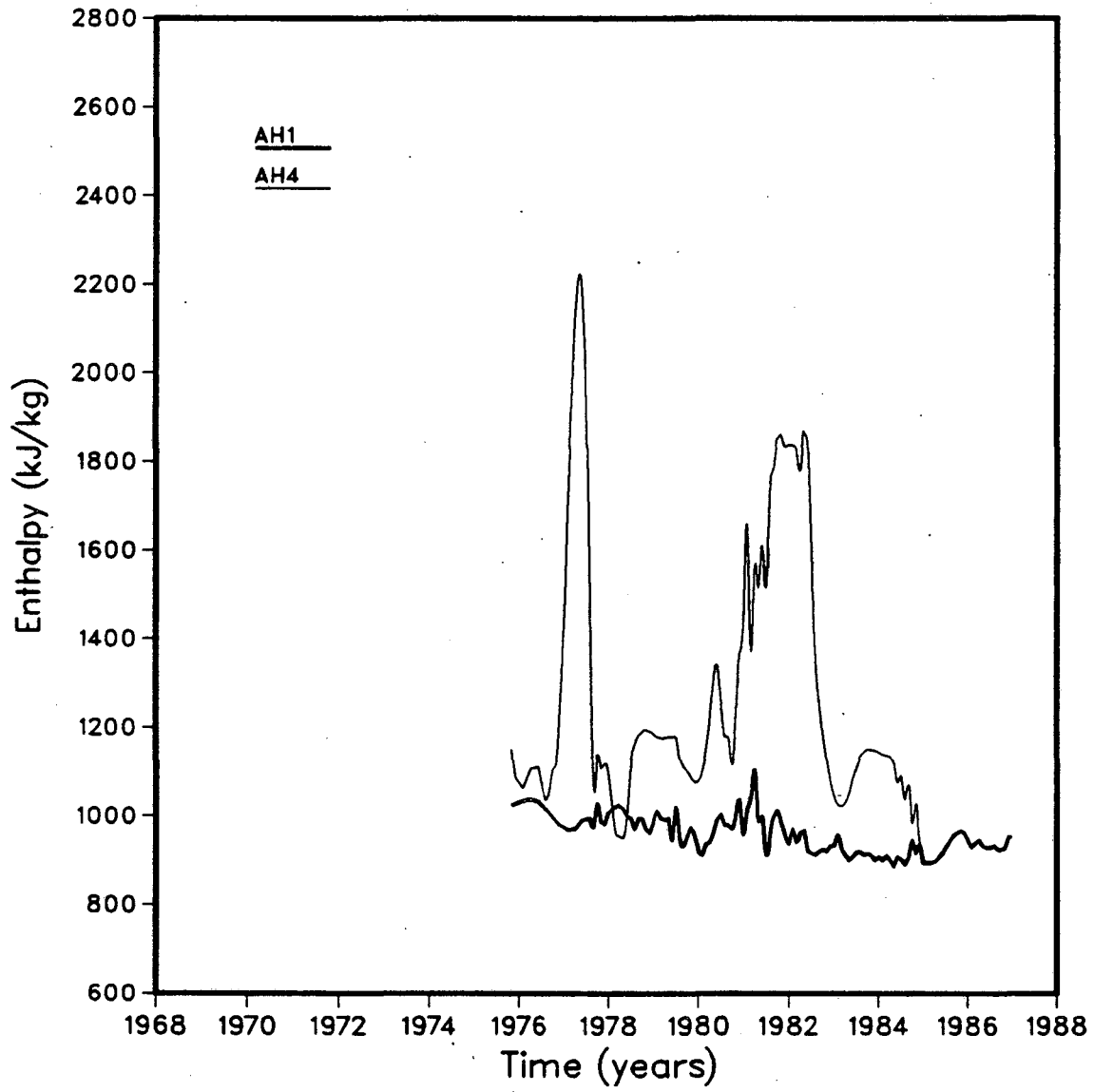
Mass Flow Trend



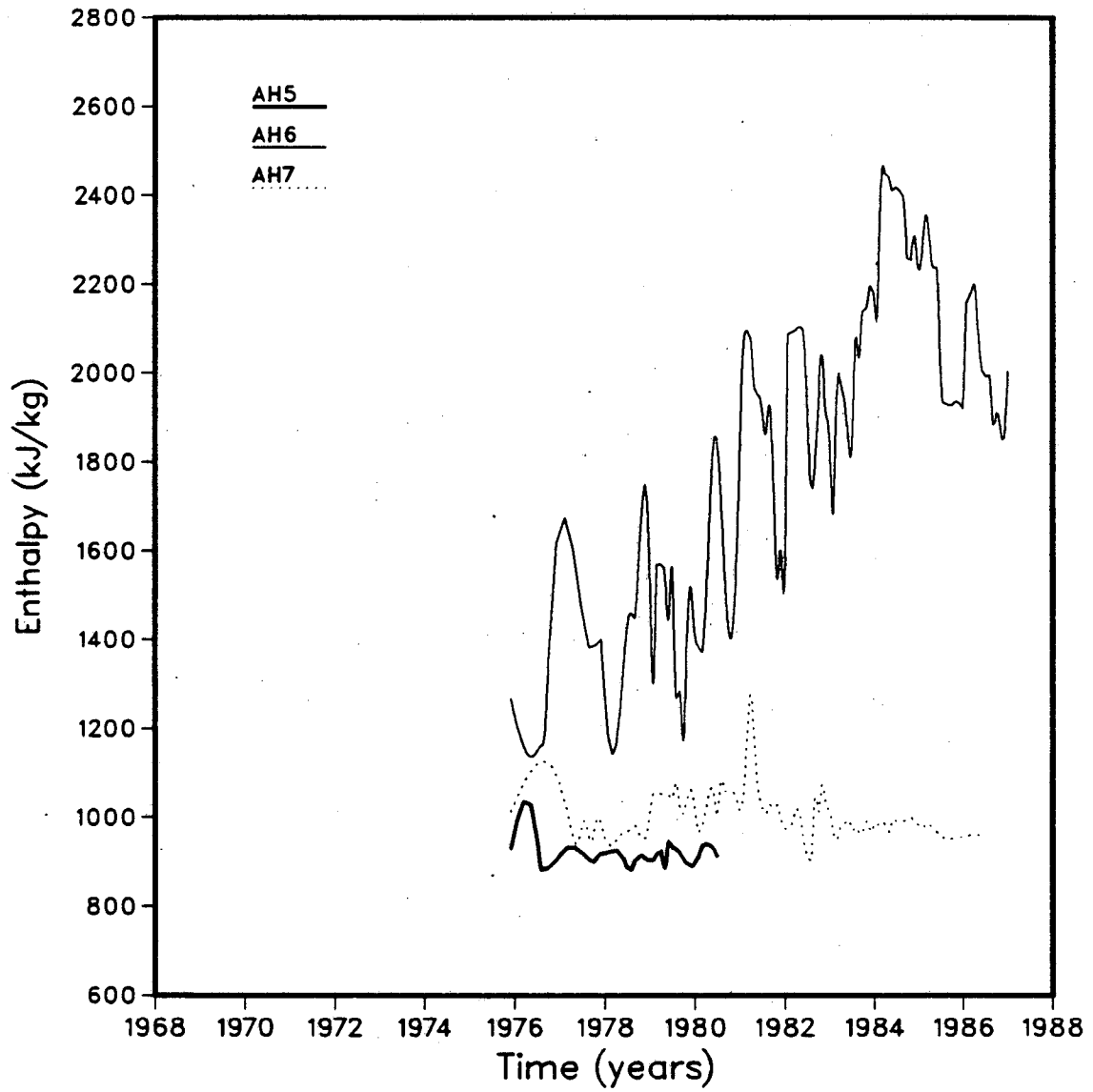
Mass Flow Trend



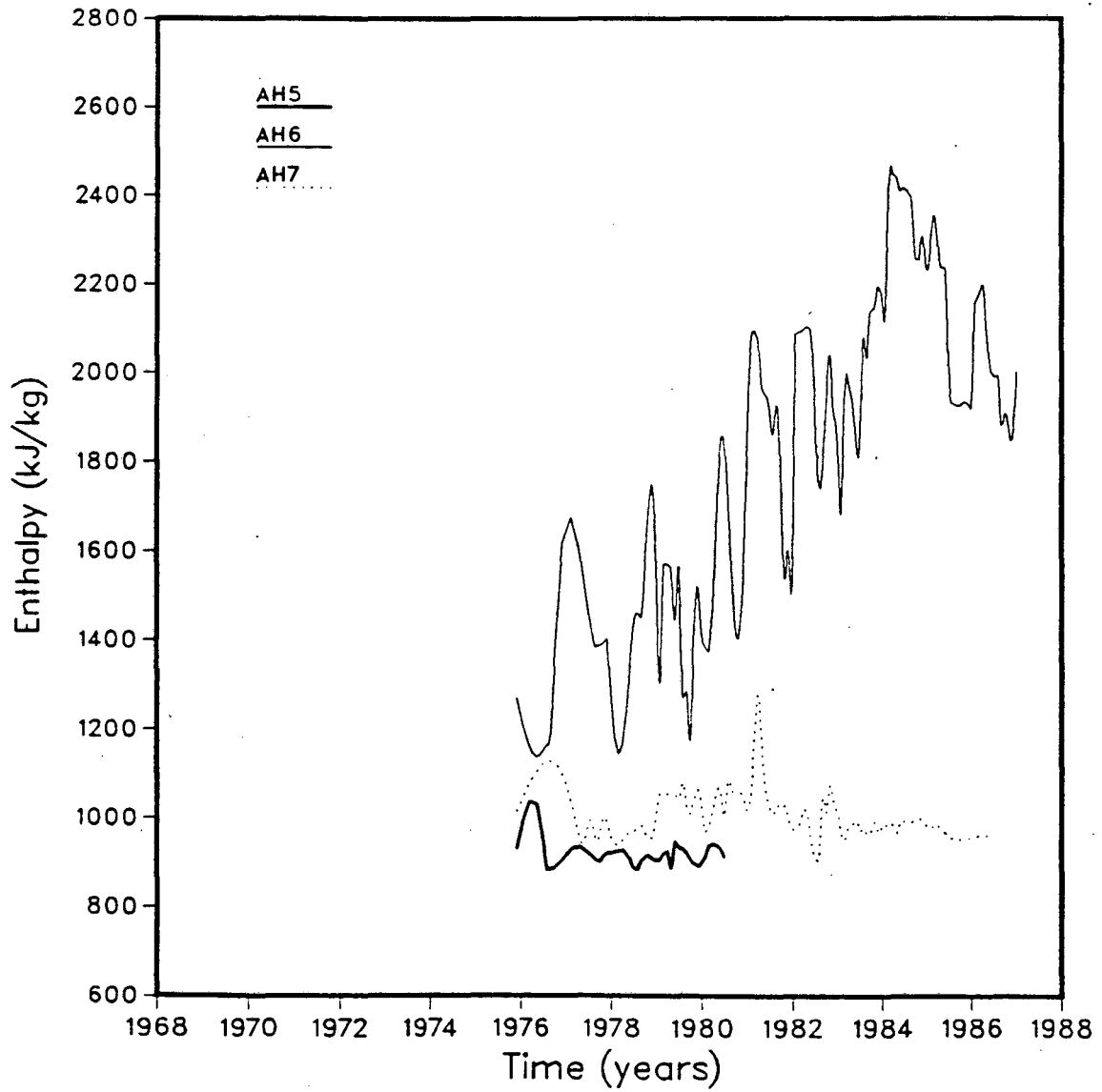
Enthalpy Trend



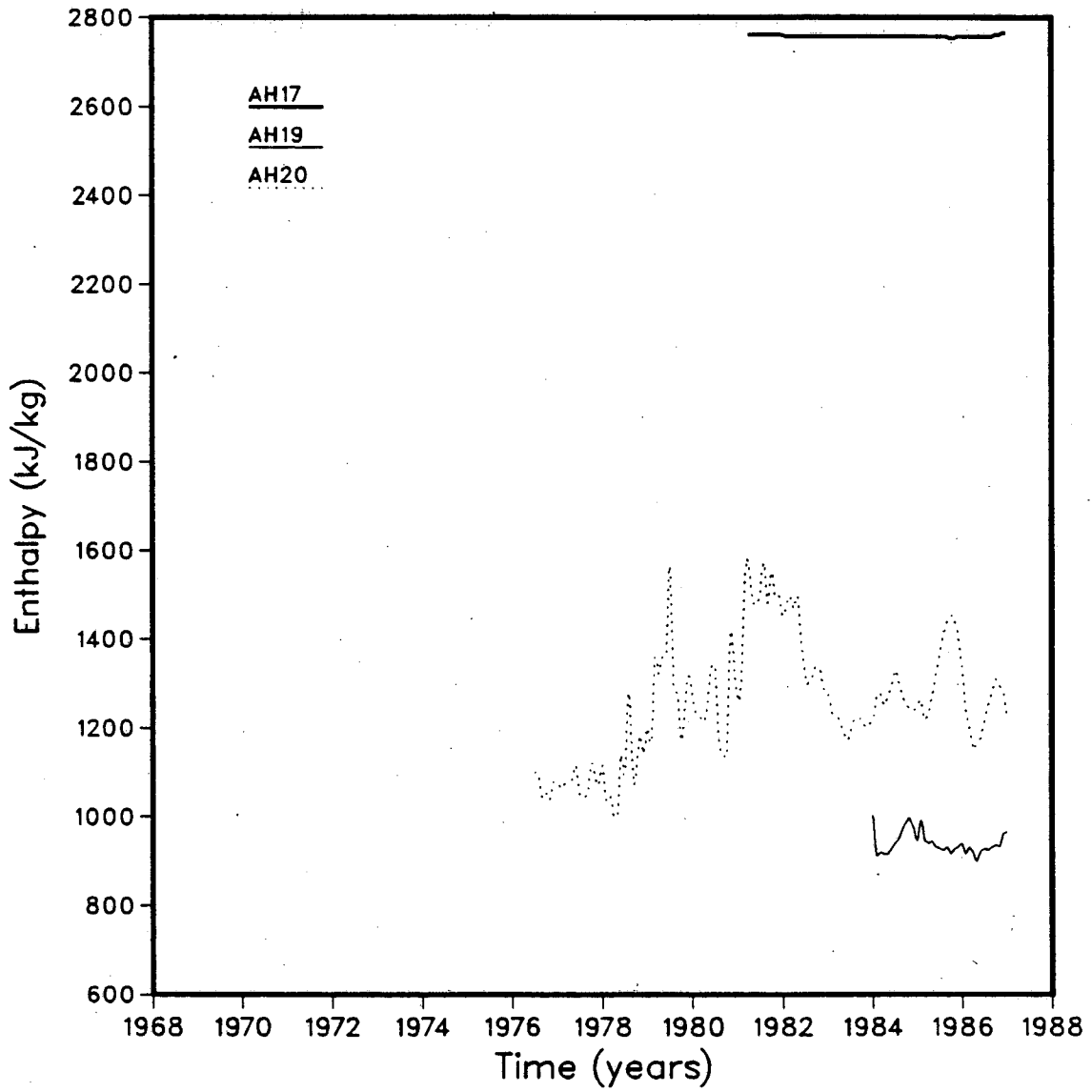
Enthalpy Trend



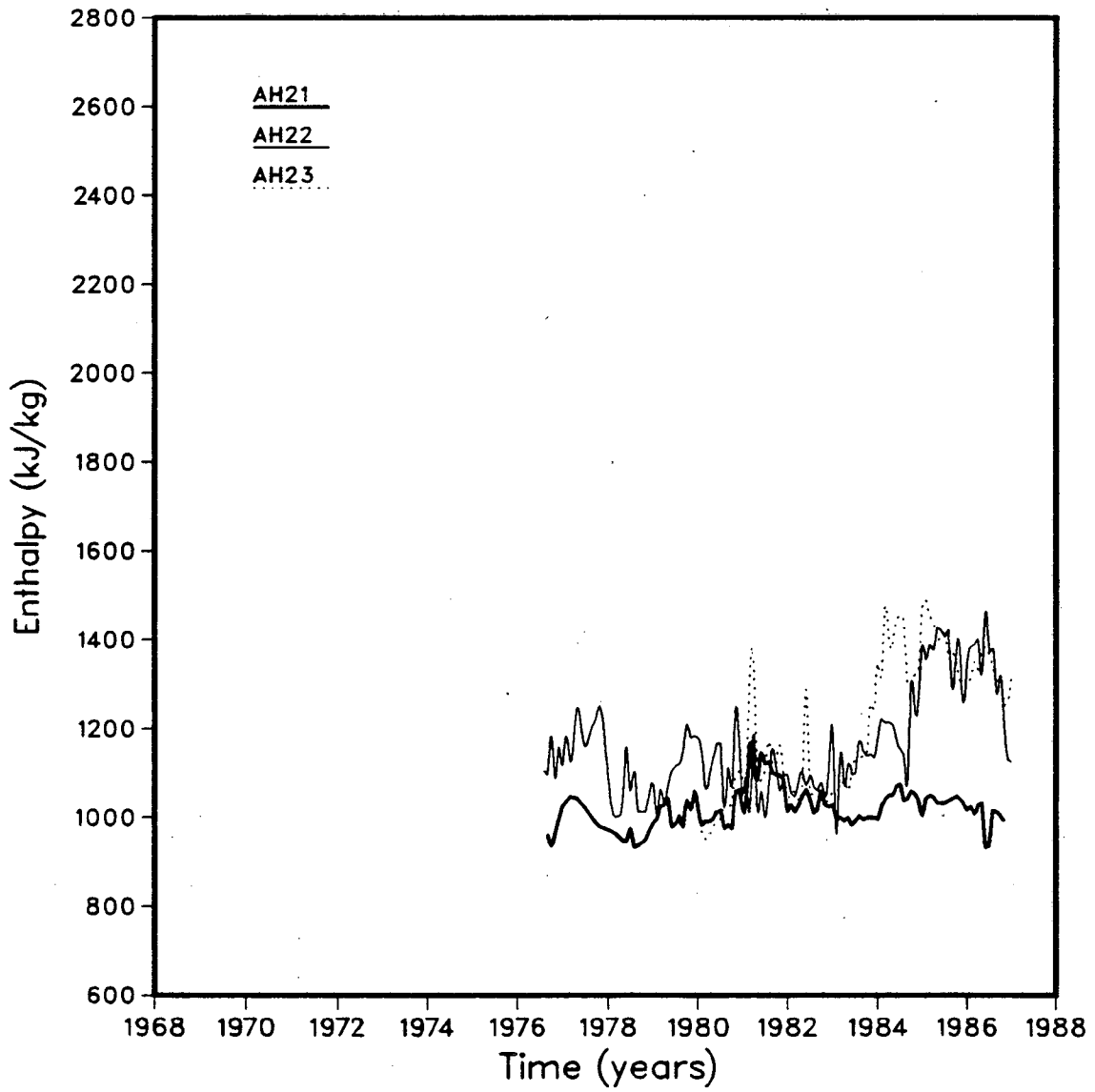
Enthalpy Trend



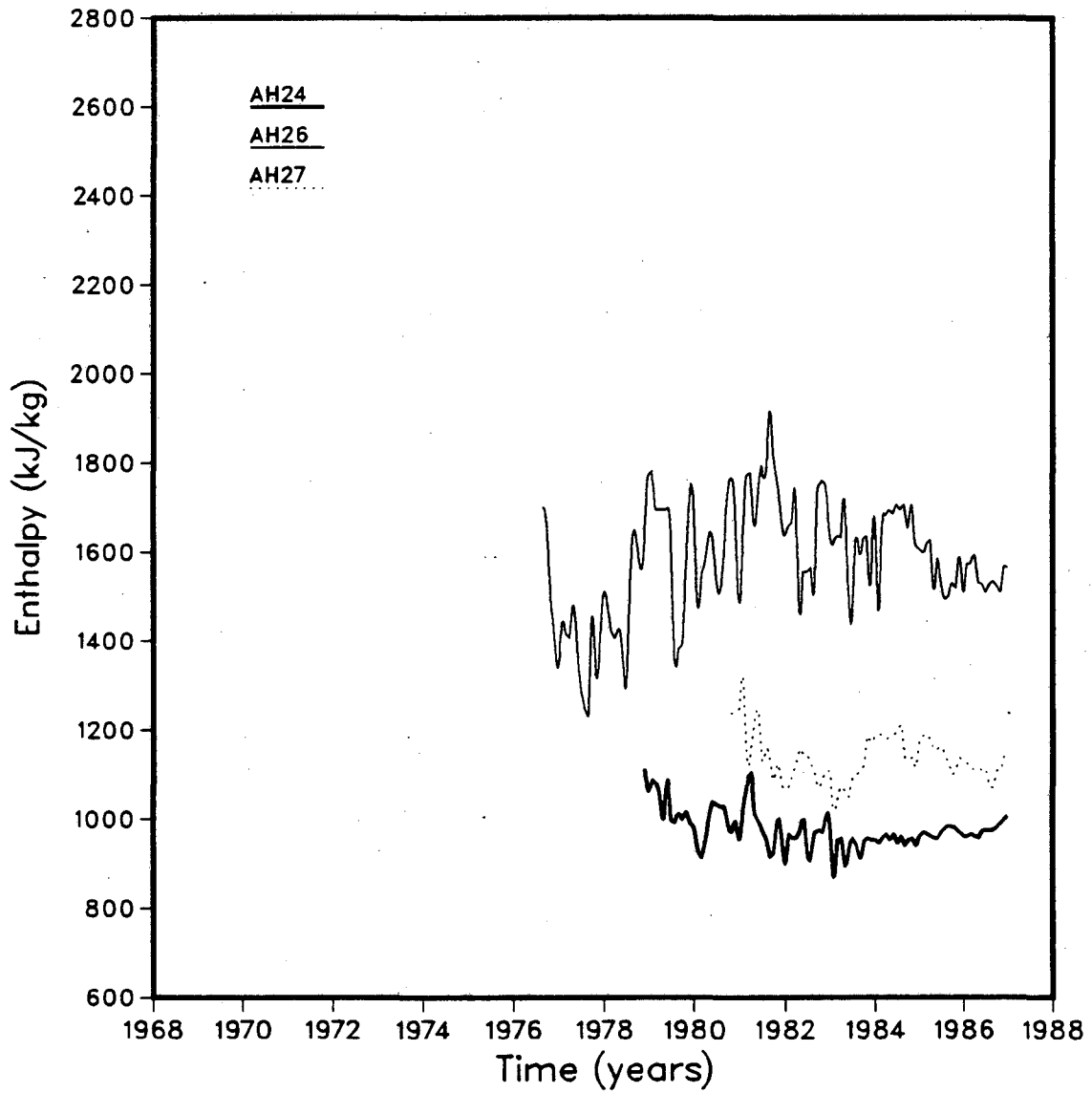
Enthalpy Trend



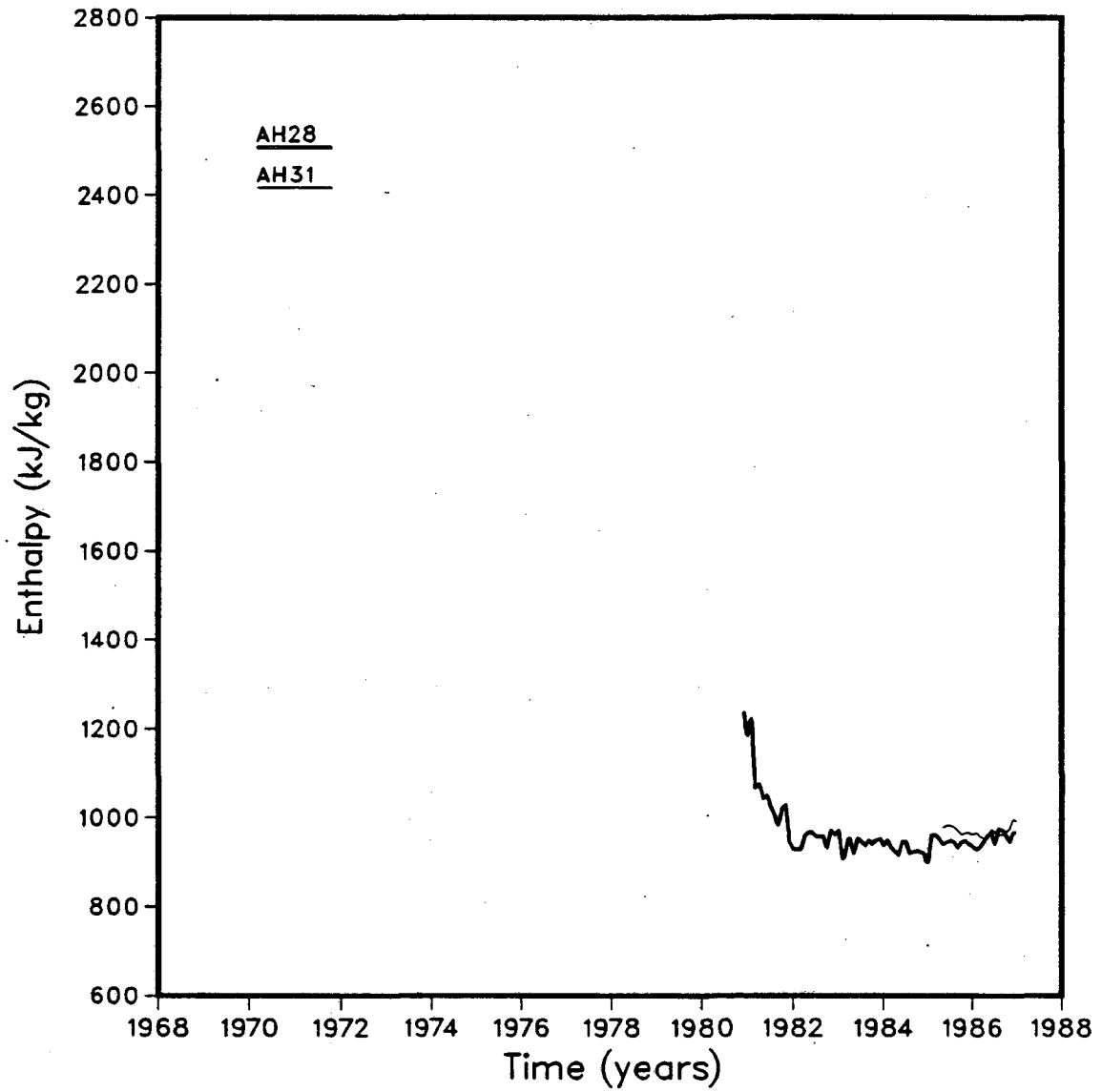
Enthalpy Trend



Enthalpy Trend



Enthalpy Trend



APPENDIX I

(Geochemical Temperatures and Chloride Trends)

KEY

TEMPERATURE PLOTS:

□ : T_{NKC}

+

△ : T_E

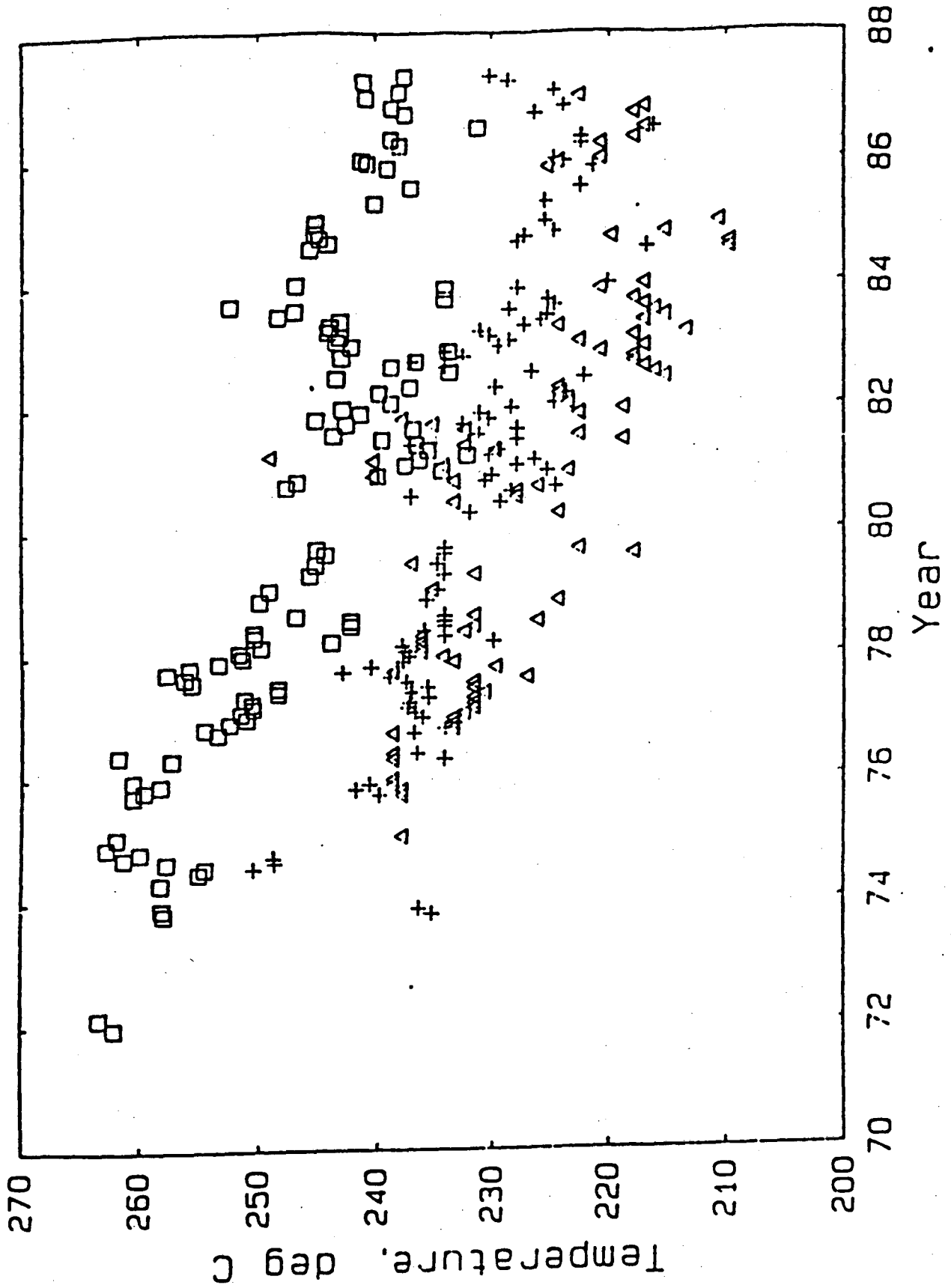
CHLORIDE PLOTS:

+

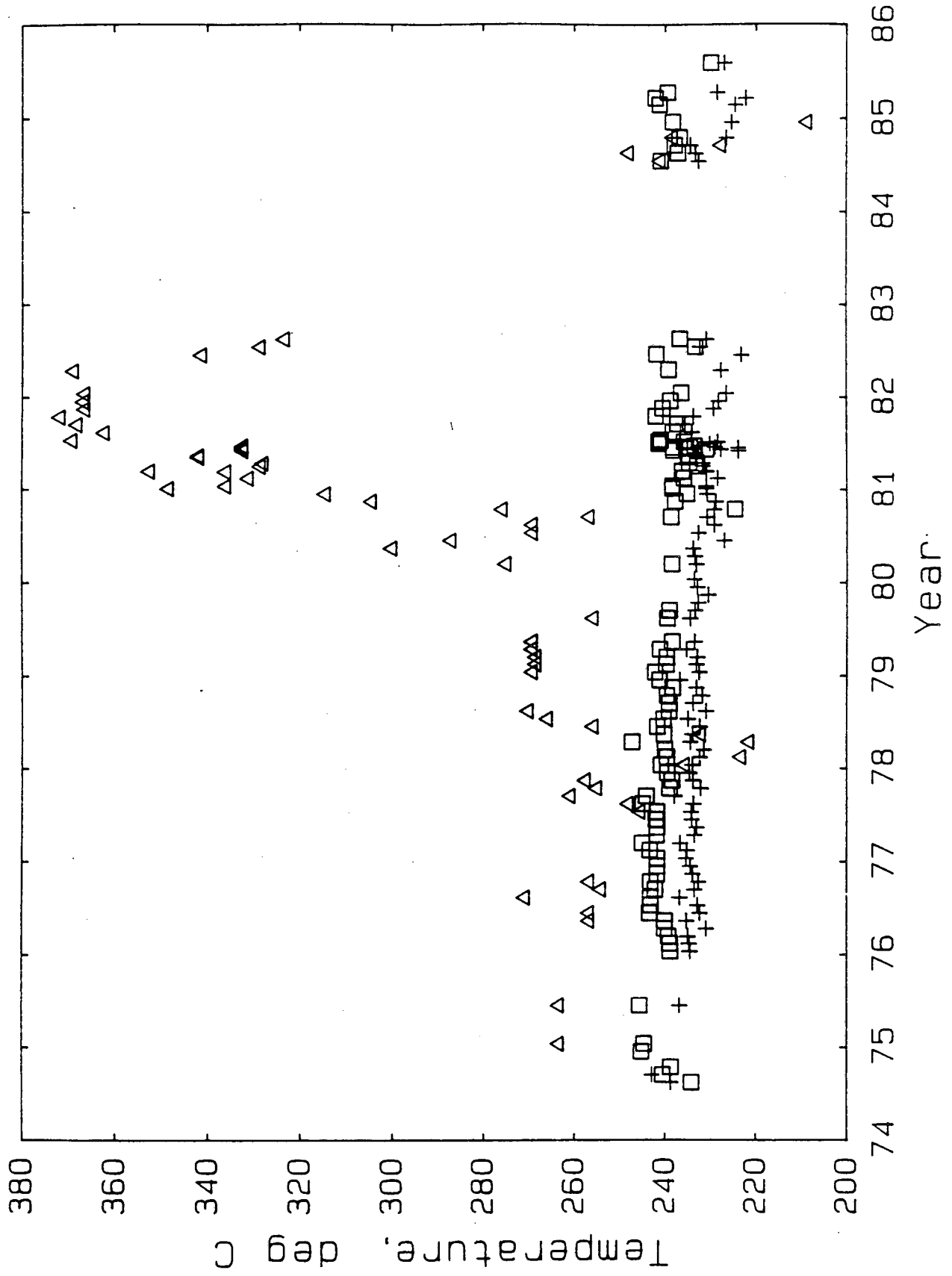
□ : Aquifer Chloride (calc. from T_{NKC})

× : Aquifer Chloride (calc. from T_E)

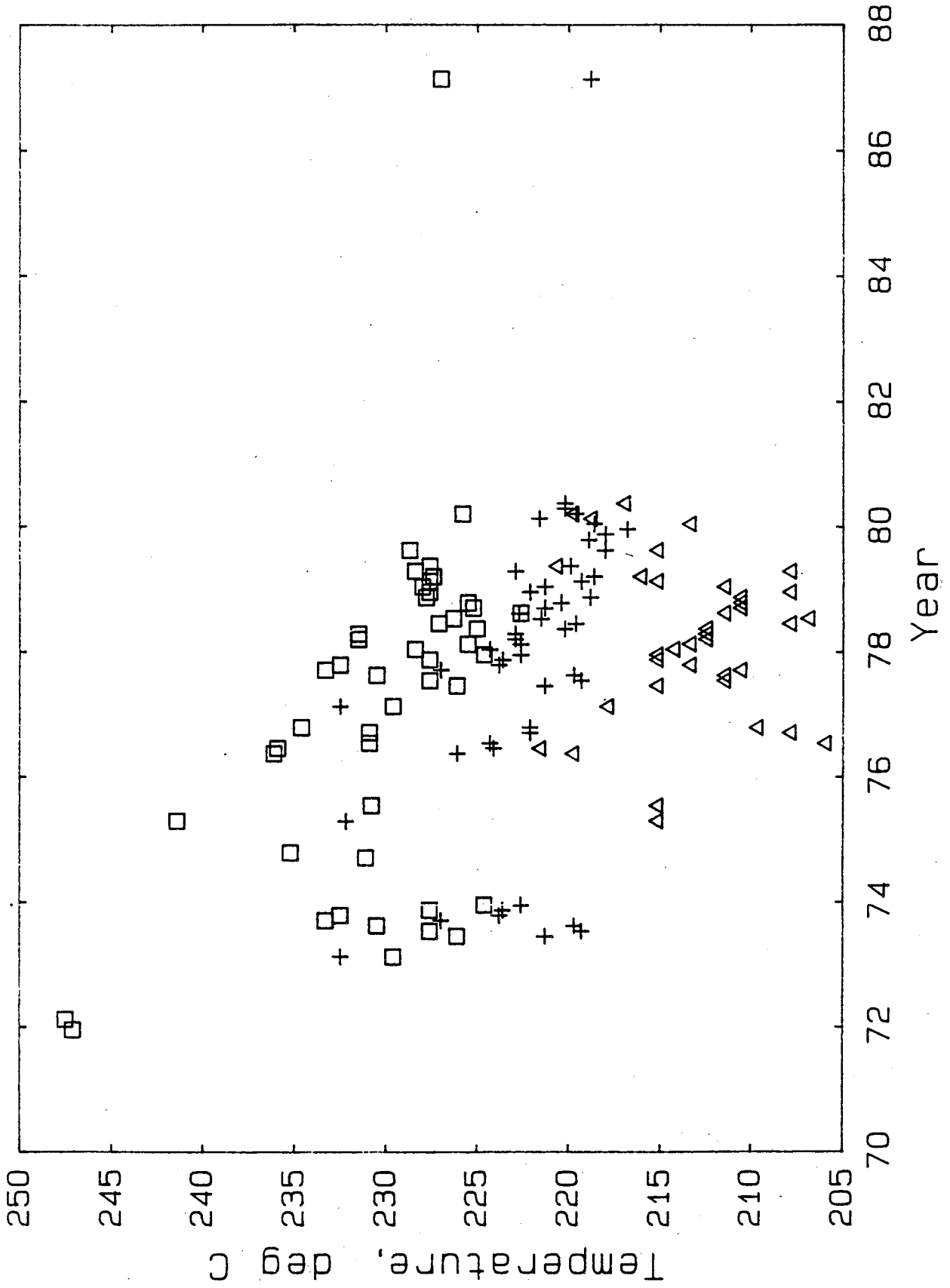
◇ : Aquifer Chloride (calc. from T_{SIL})



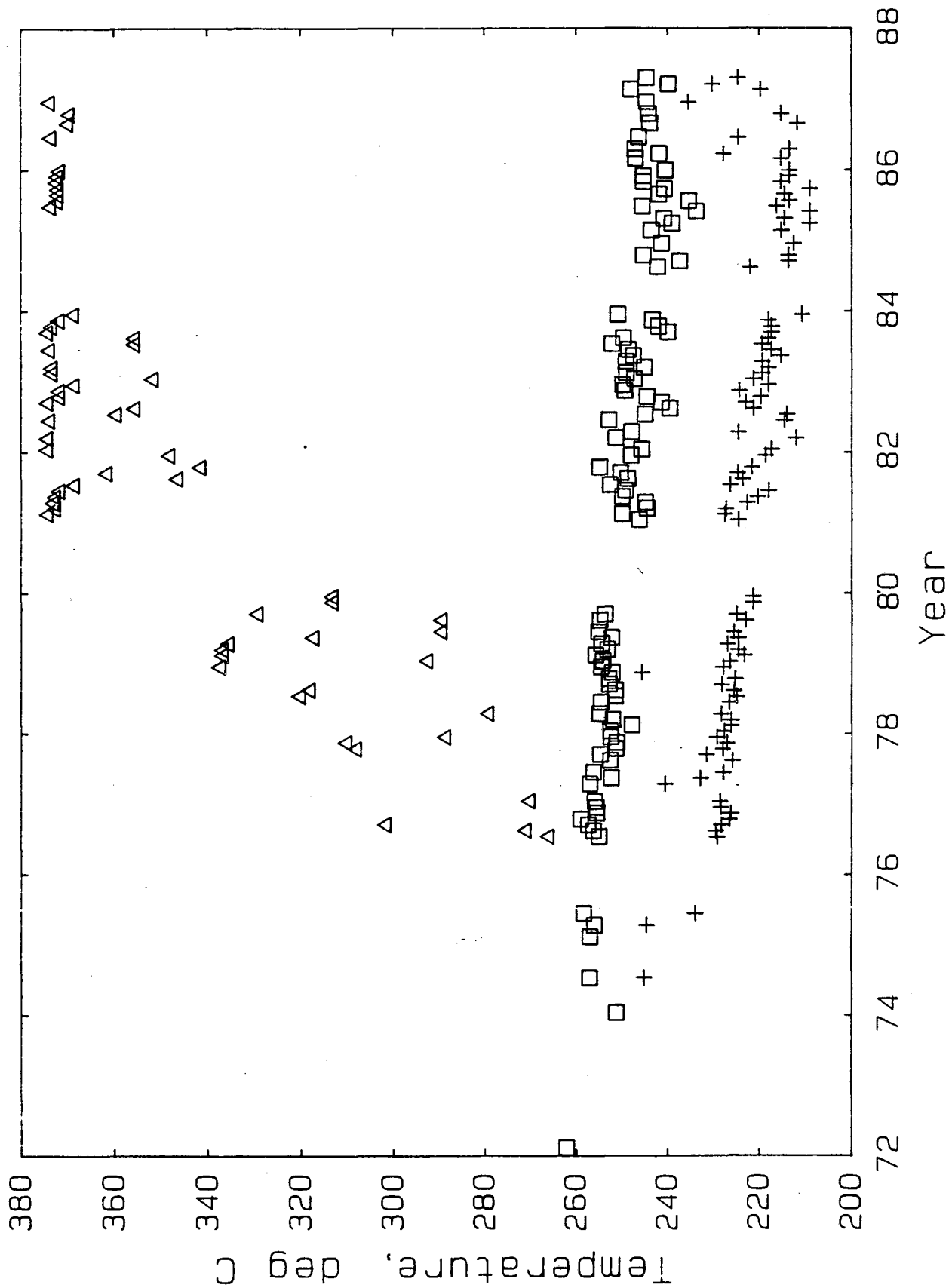
WELL AH-1



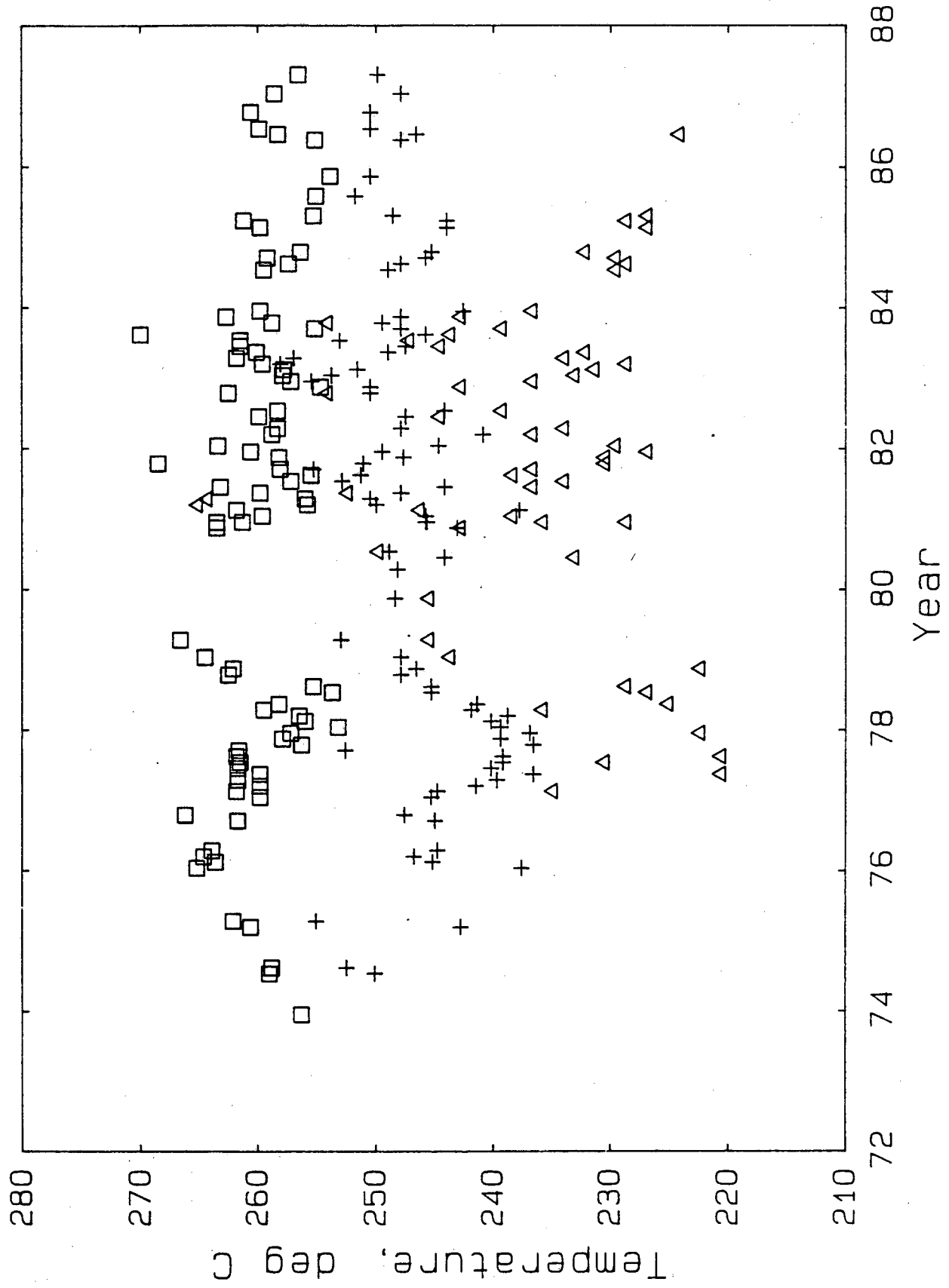
WELL AH-4



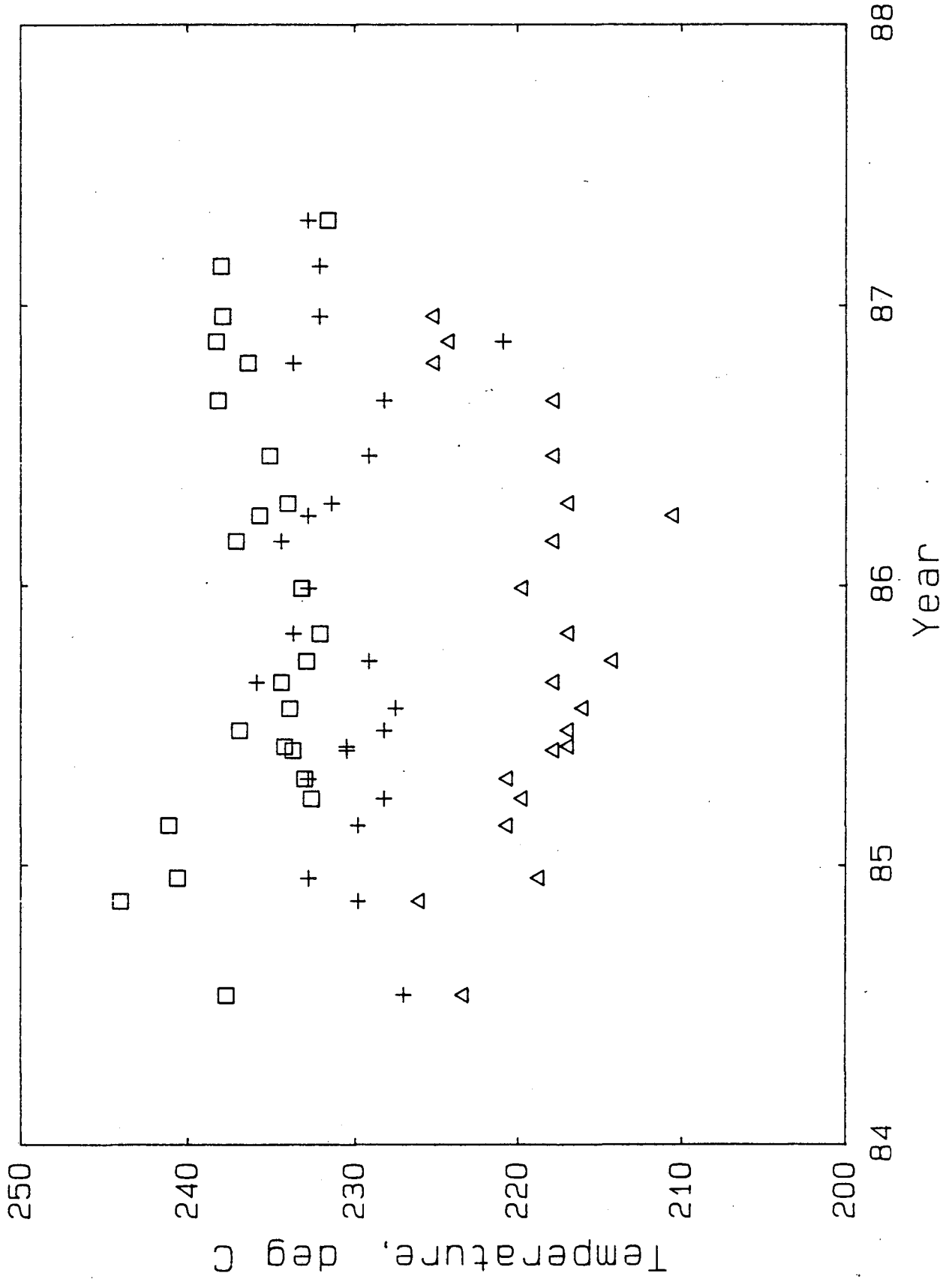
WELL AH-5



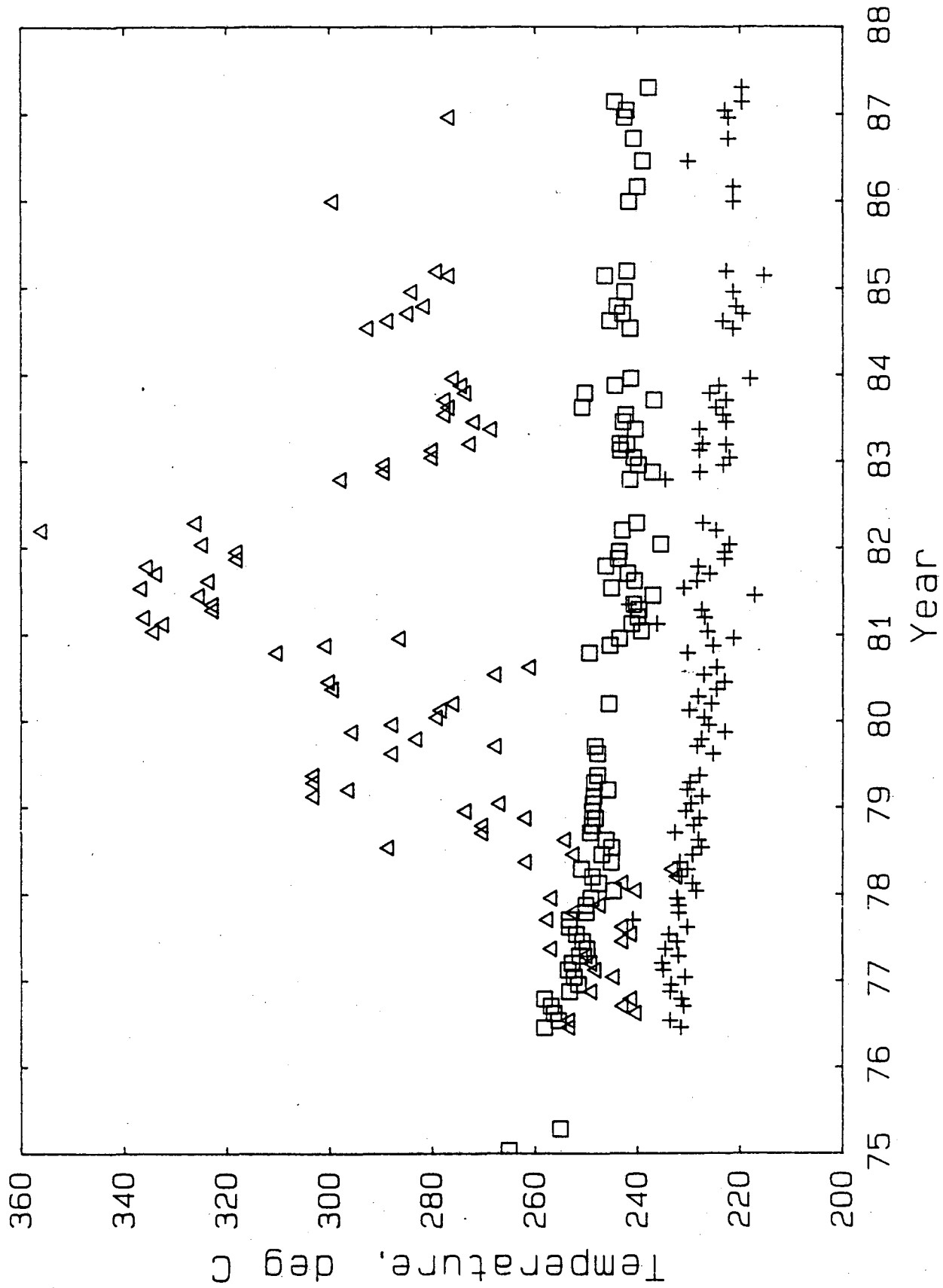
WELL AH-6



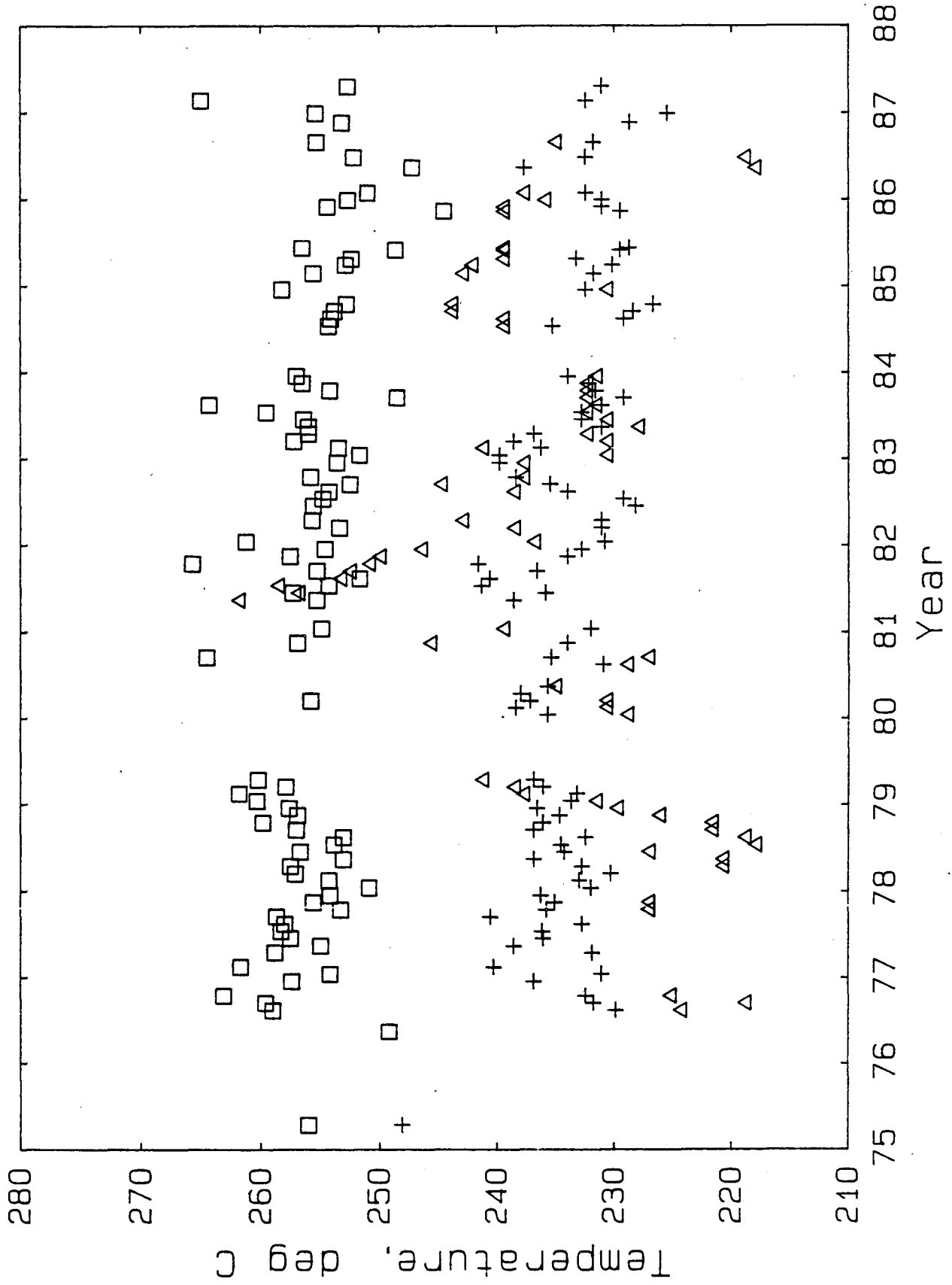
WELL AH-7



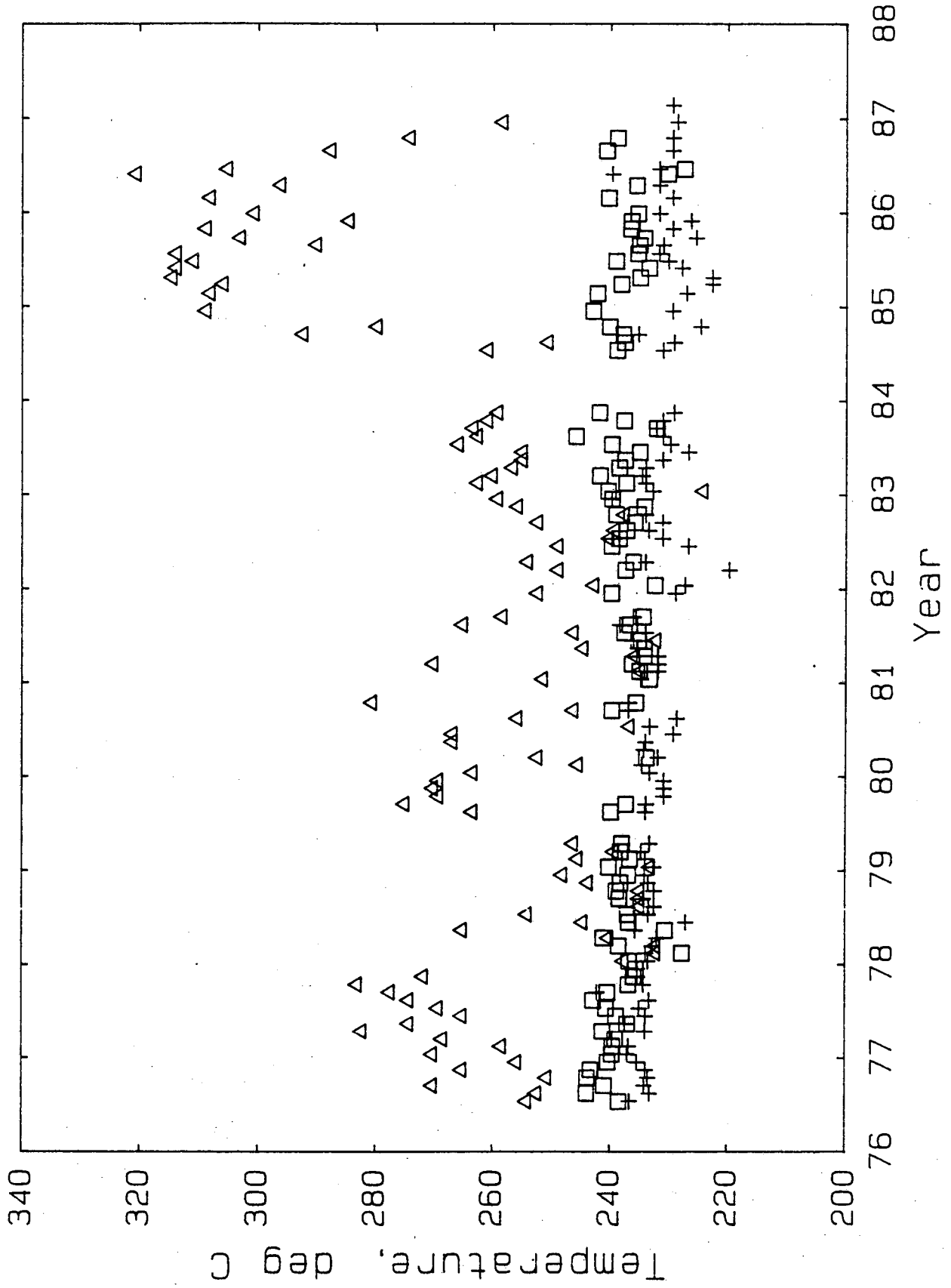
WELL AH-19



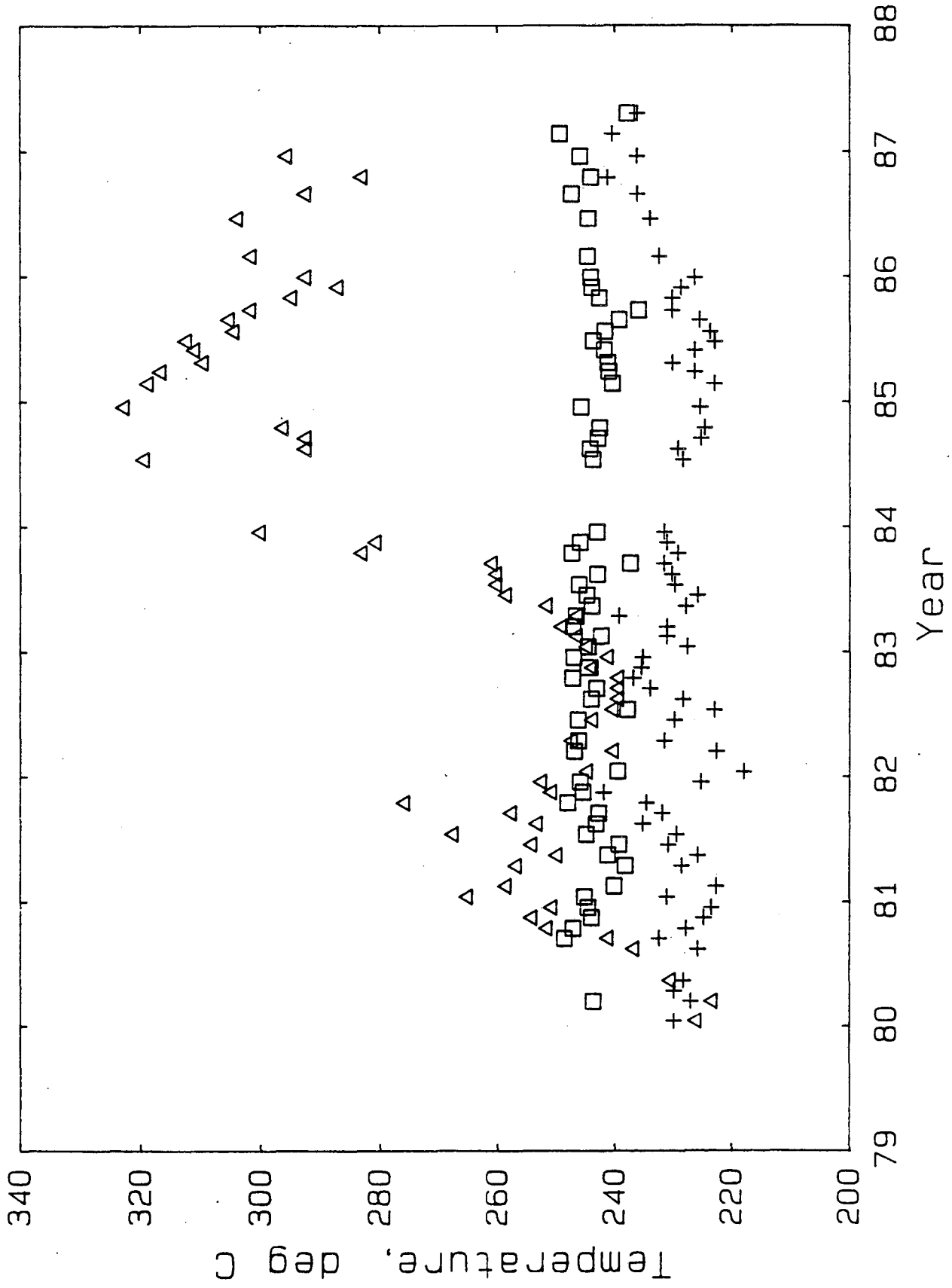
WELL AH-20



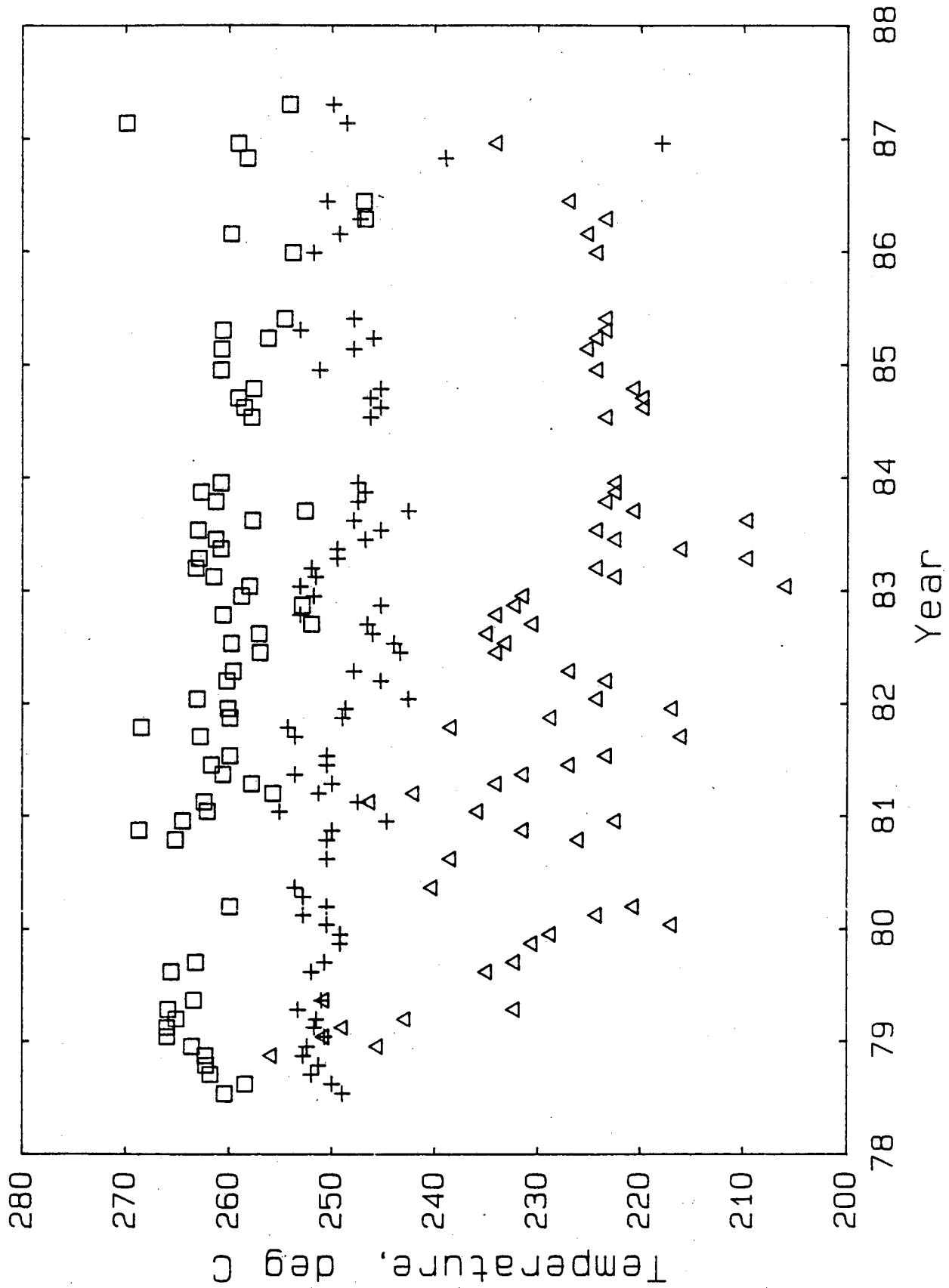
WELL AH-21



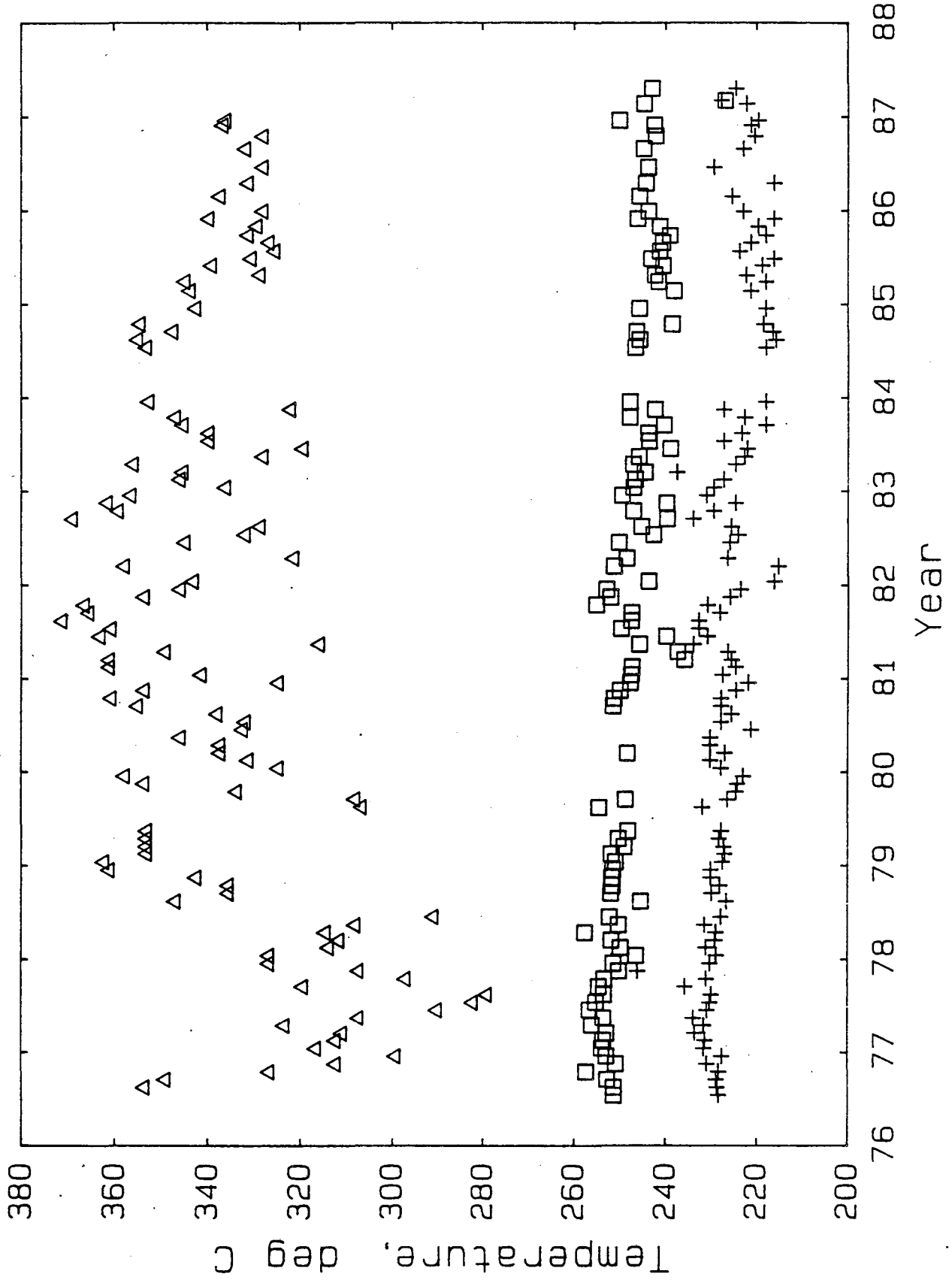
WELL AH-22



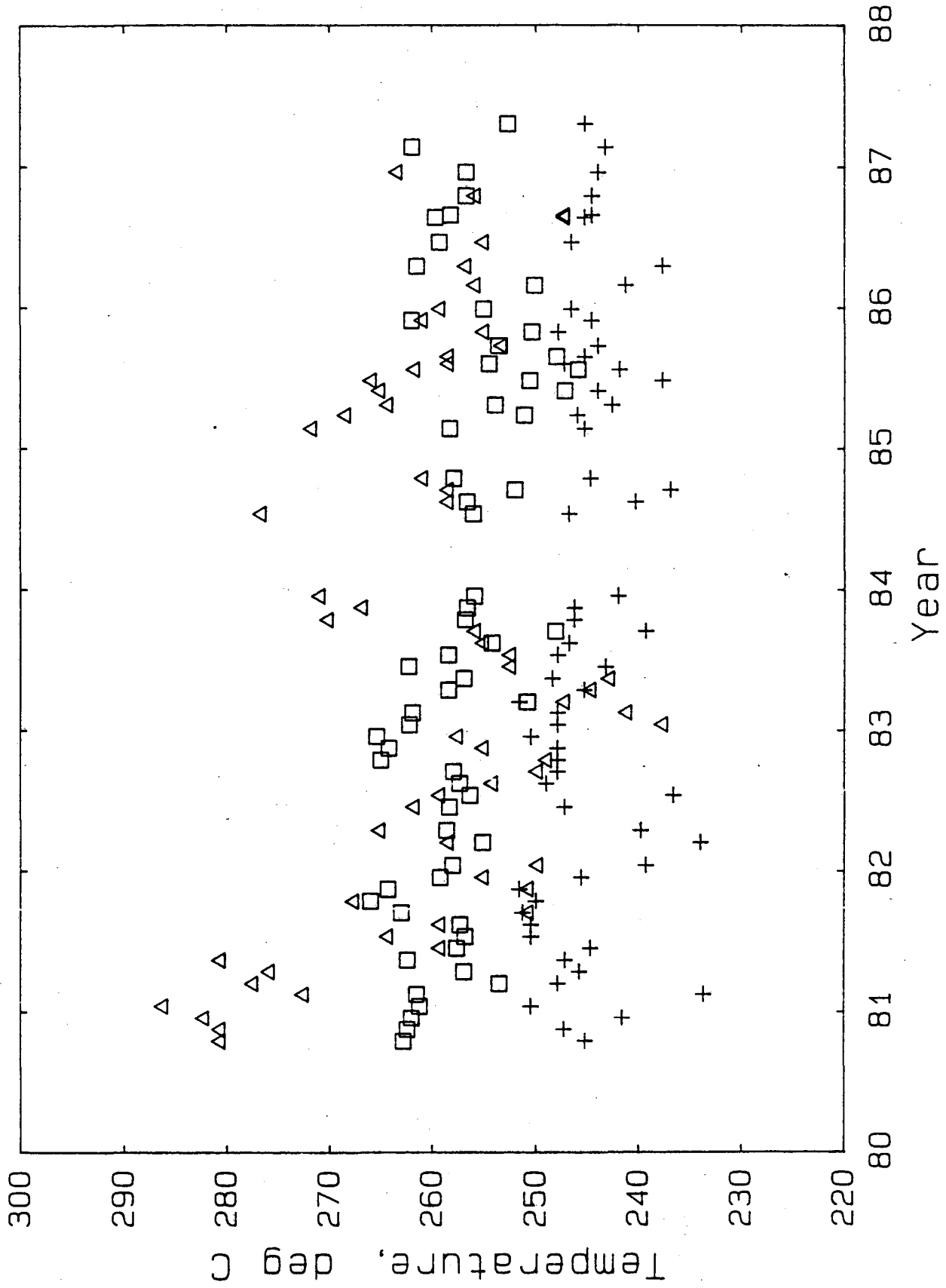
WELL AH-23



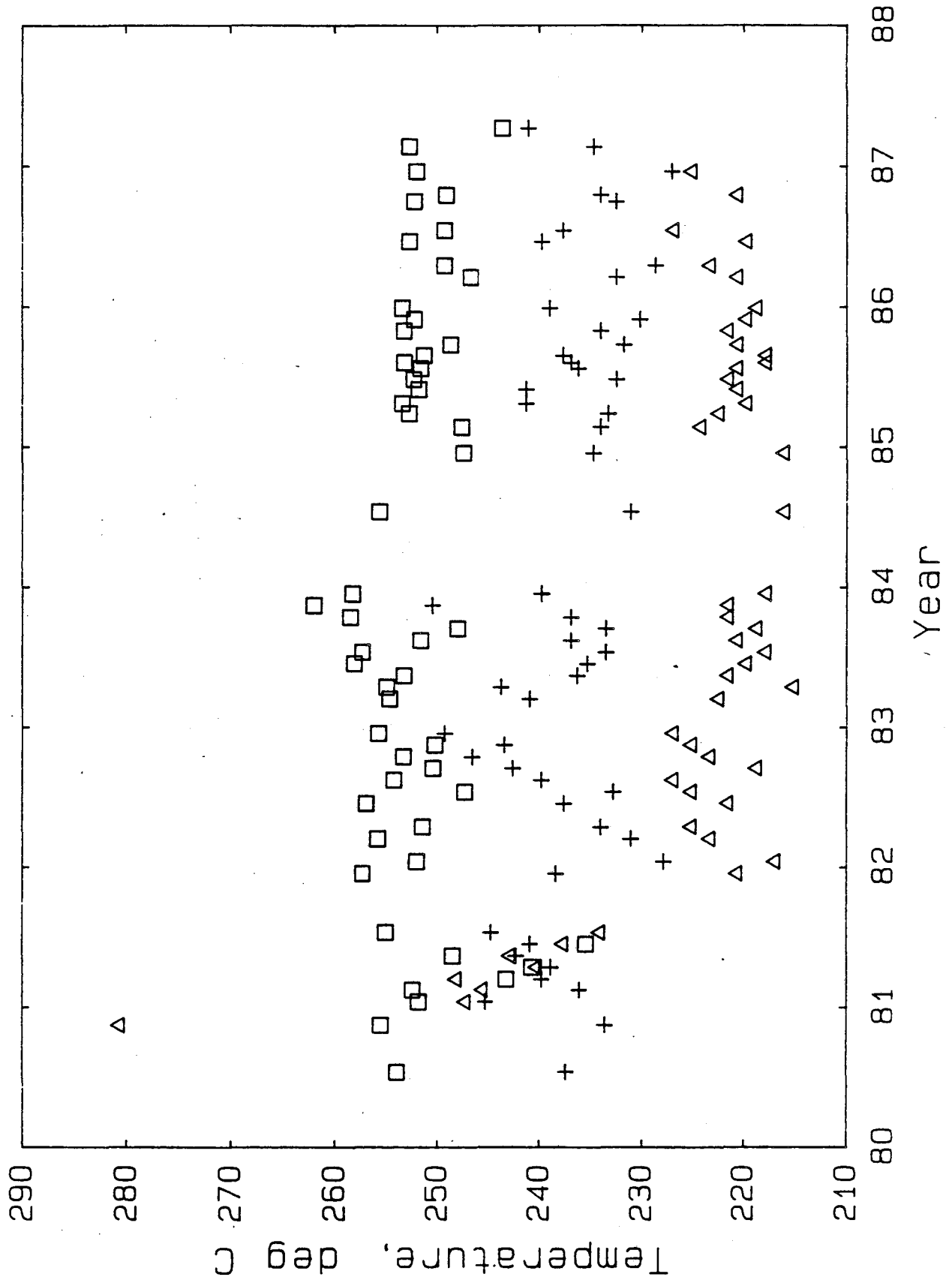
WELL AH-24



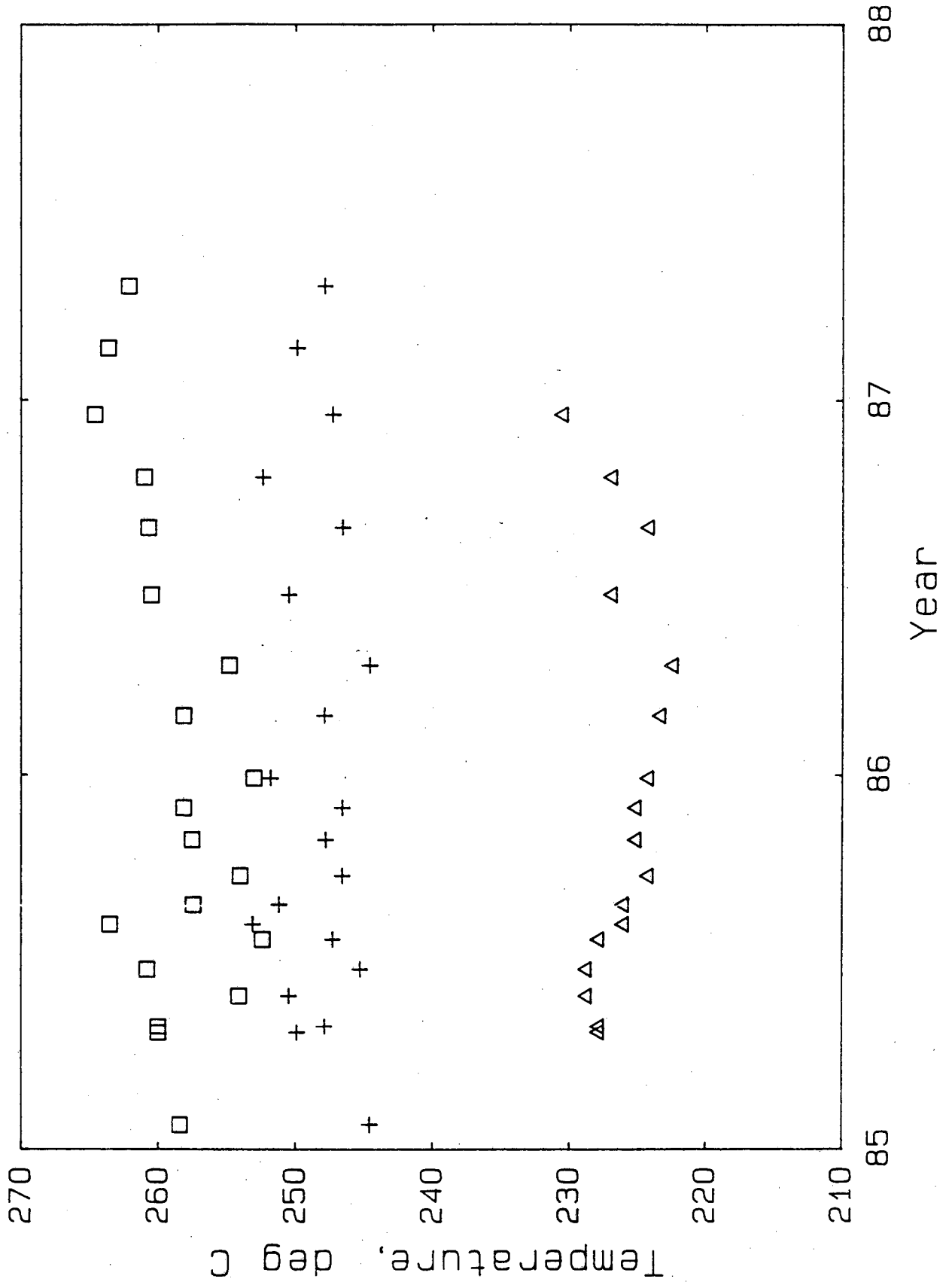
WELL AH-26



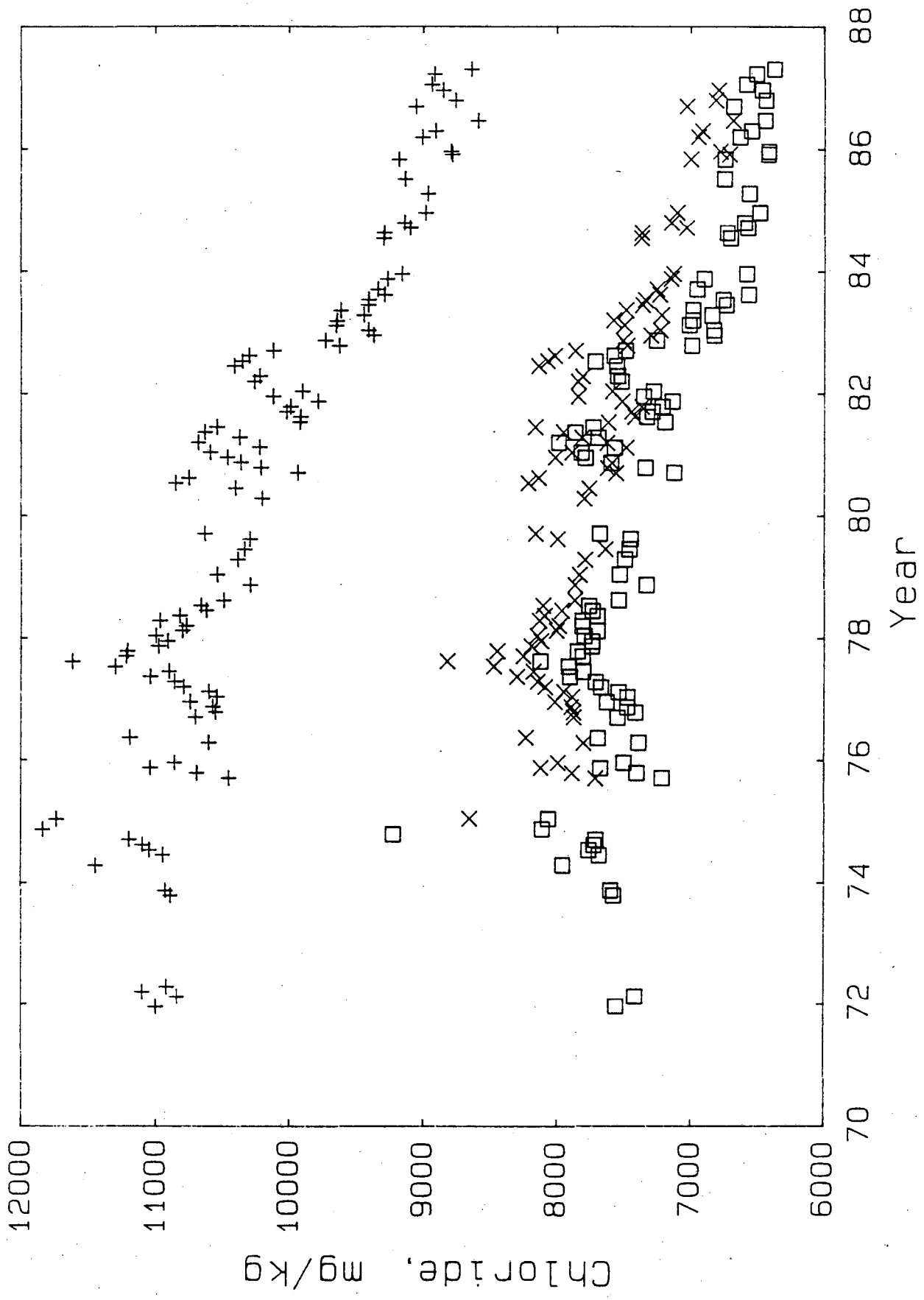
WELL AH-27



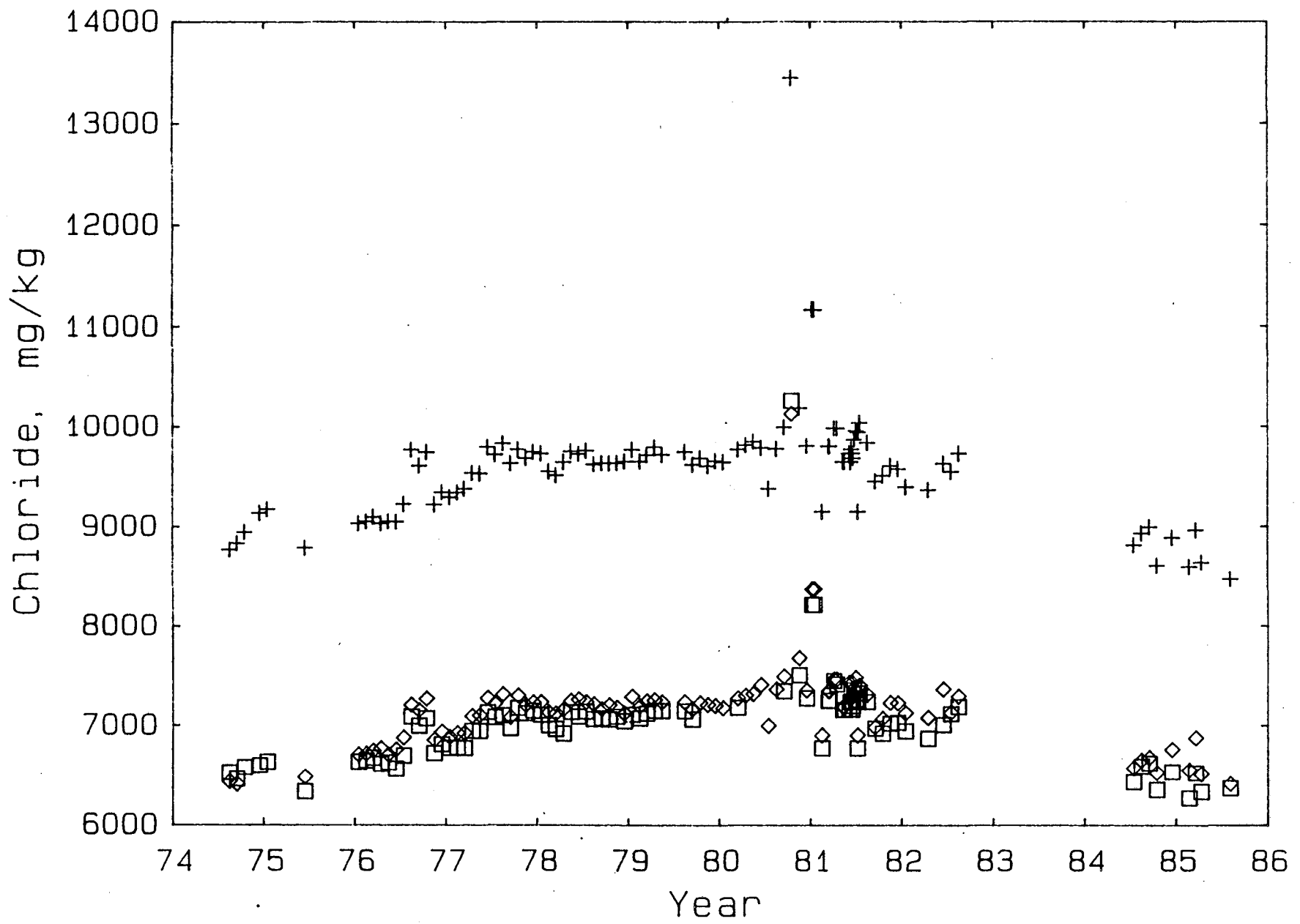
WELL AH-28

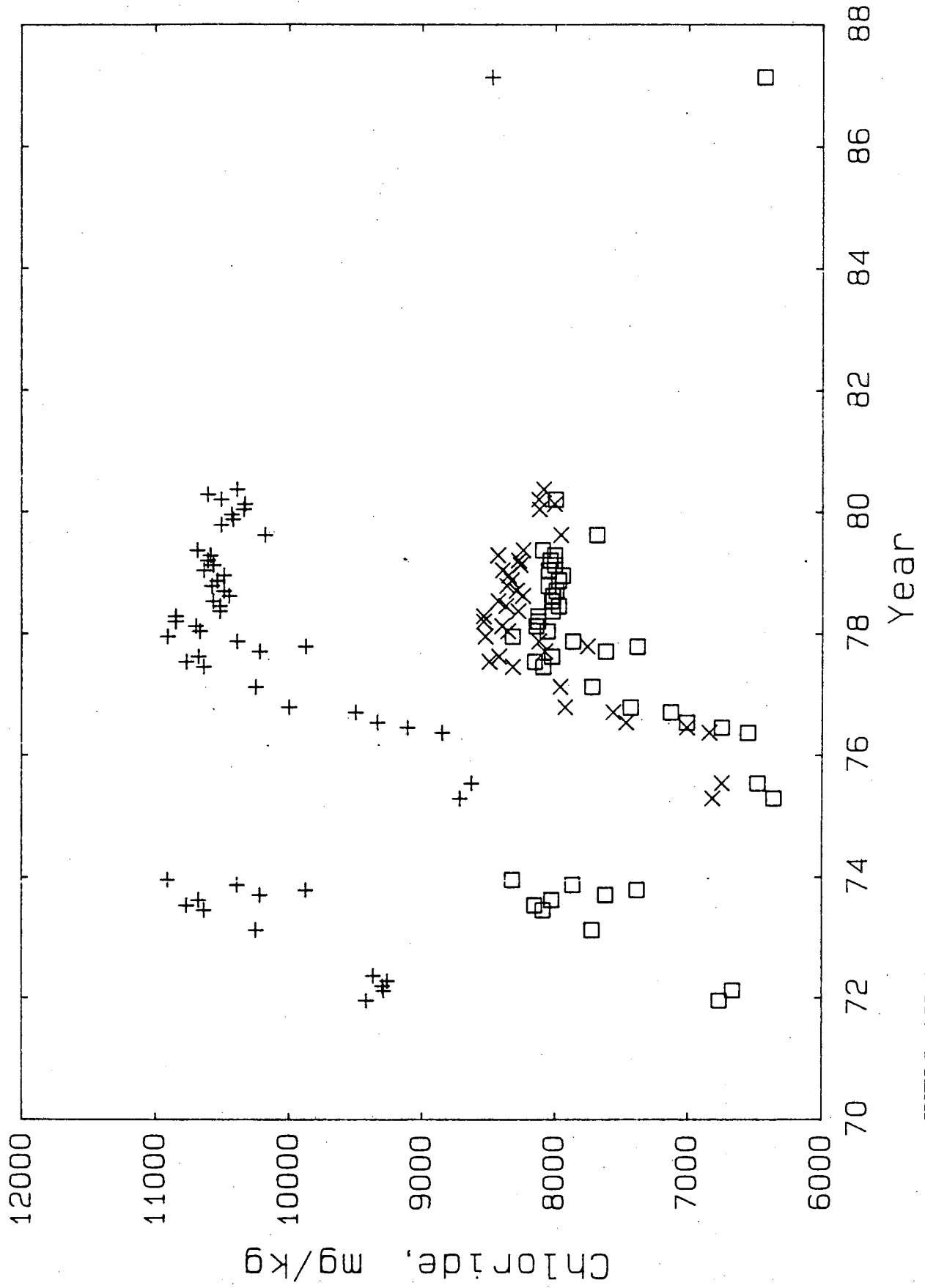


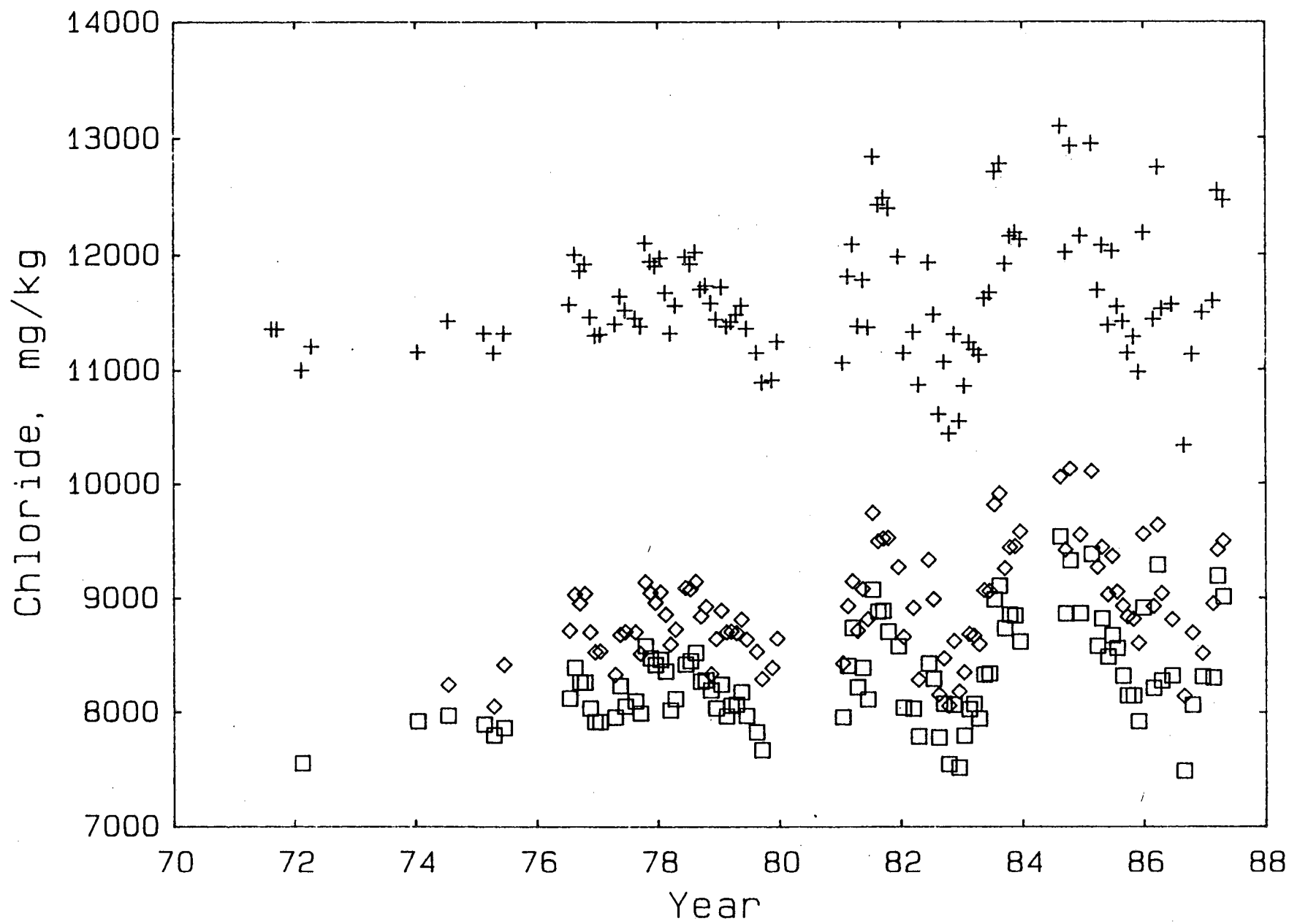
WELL AH-31

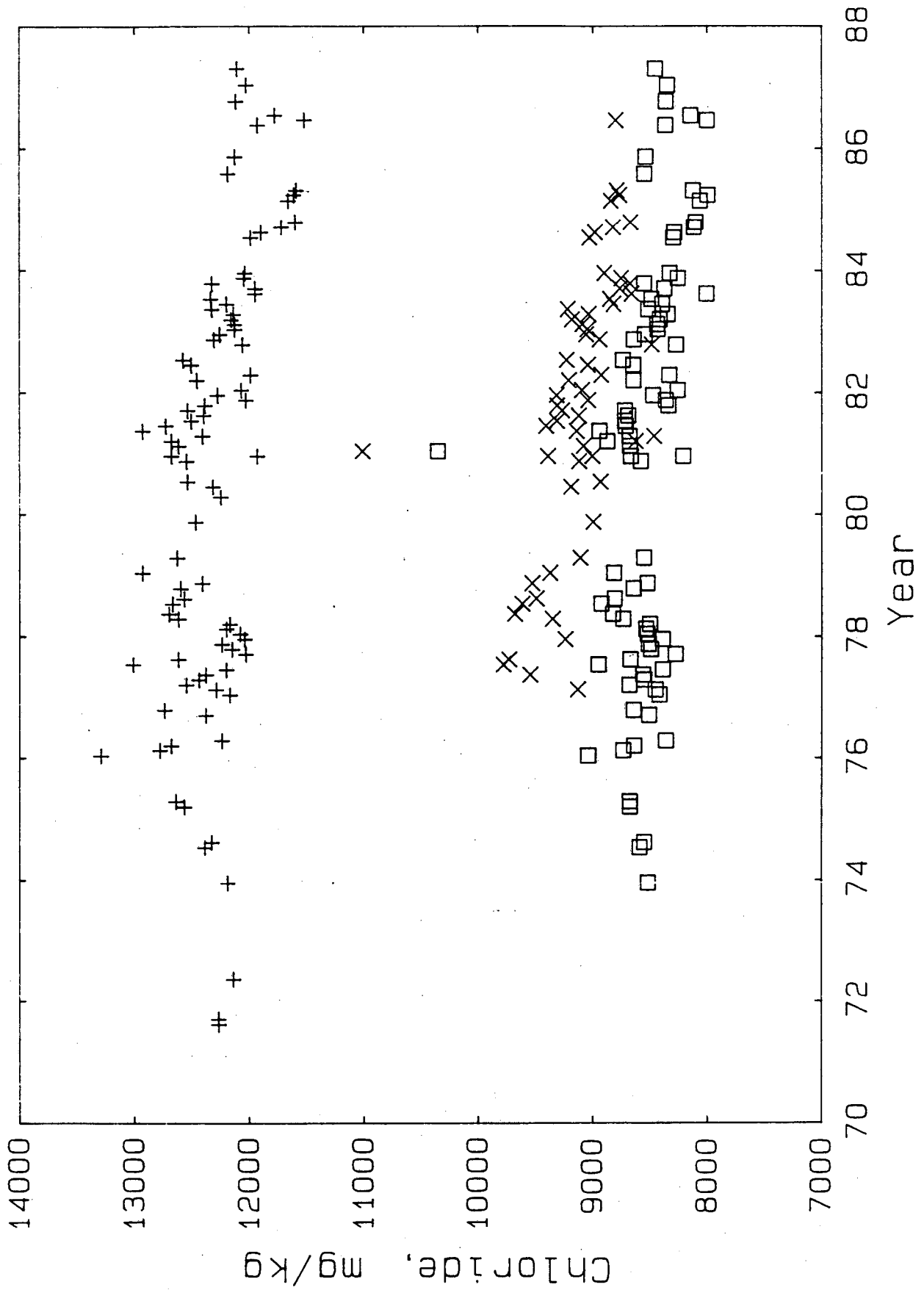


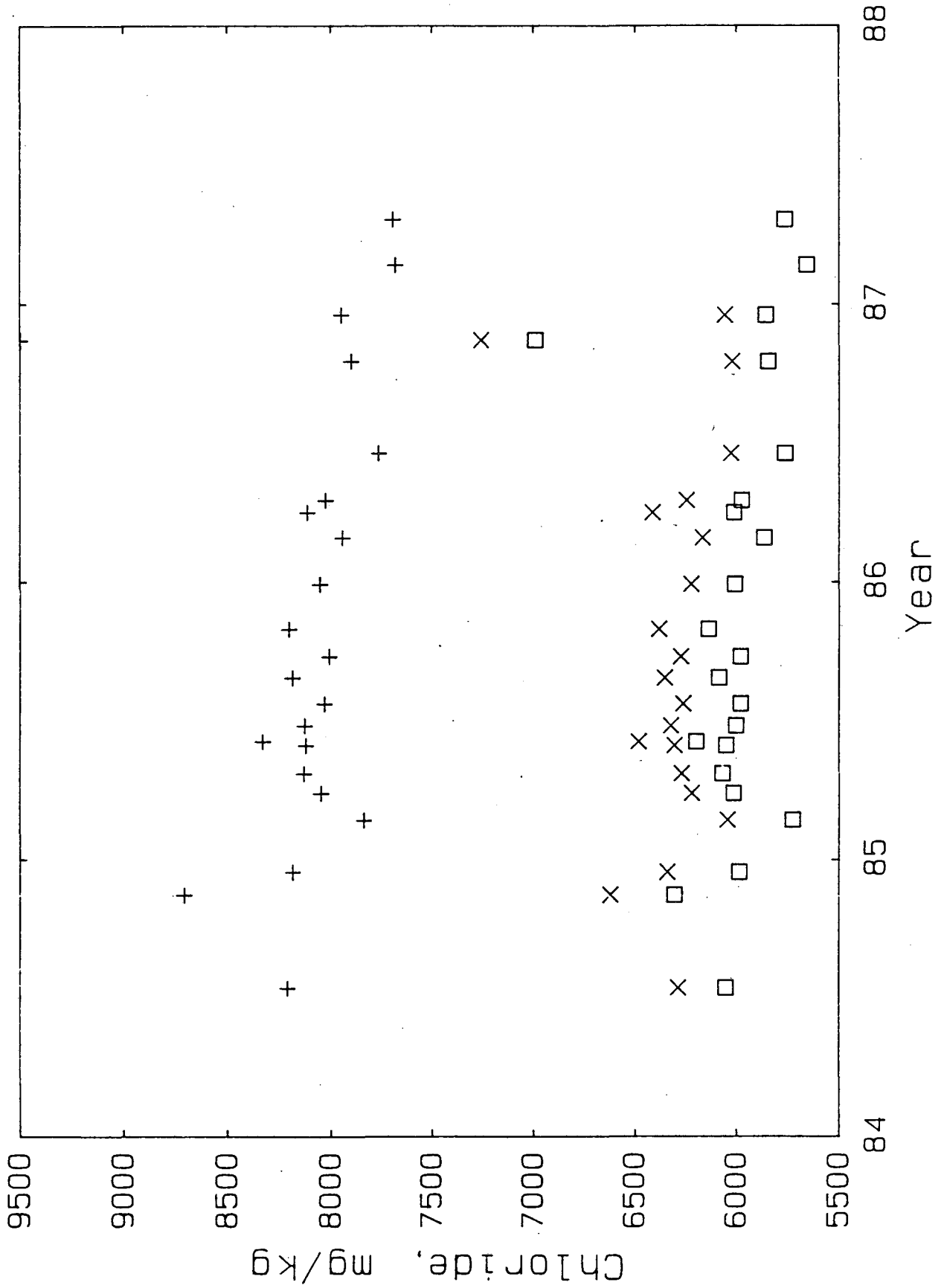
WELL AH-1



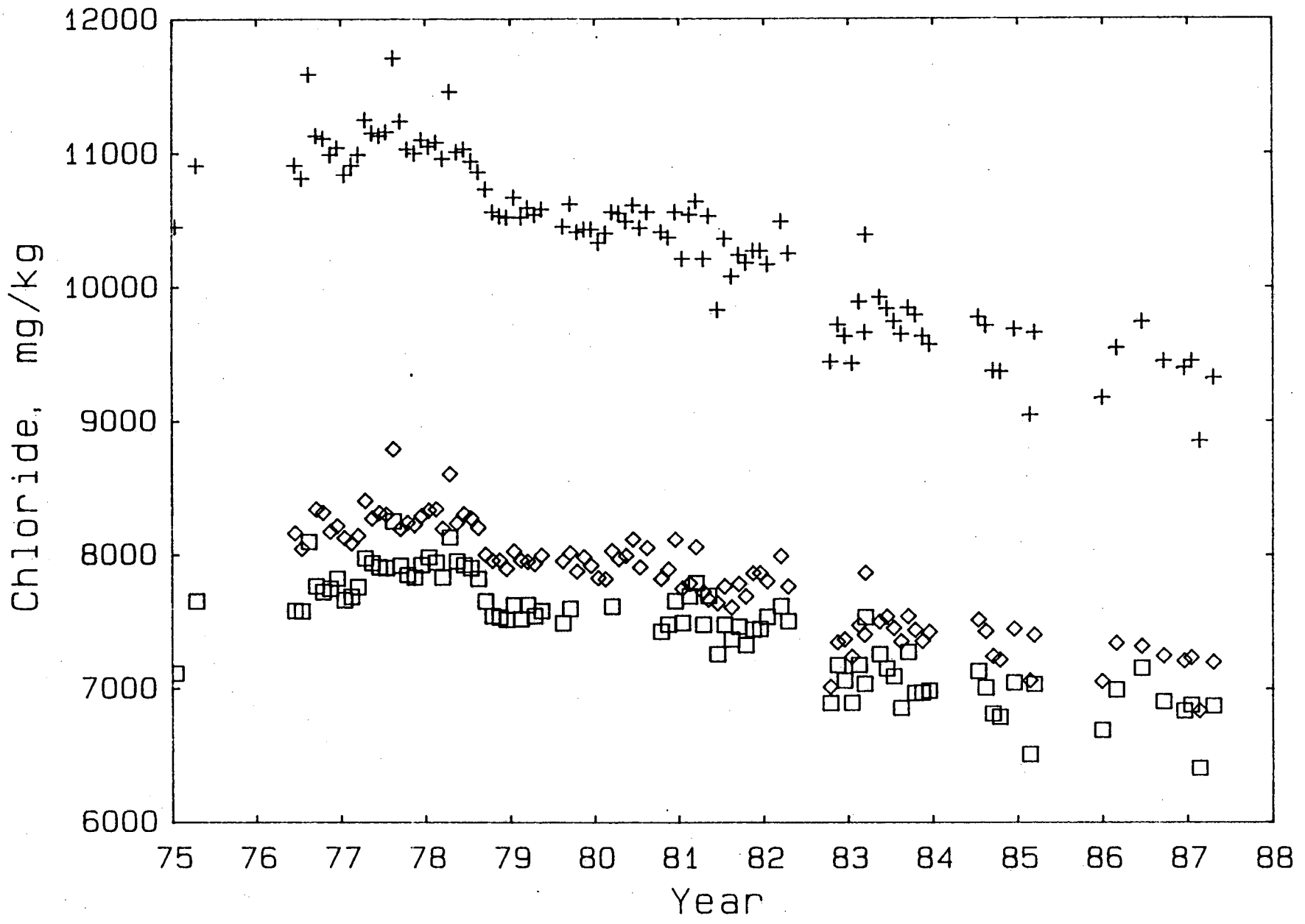




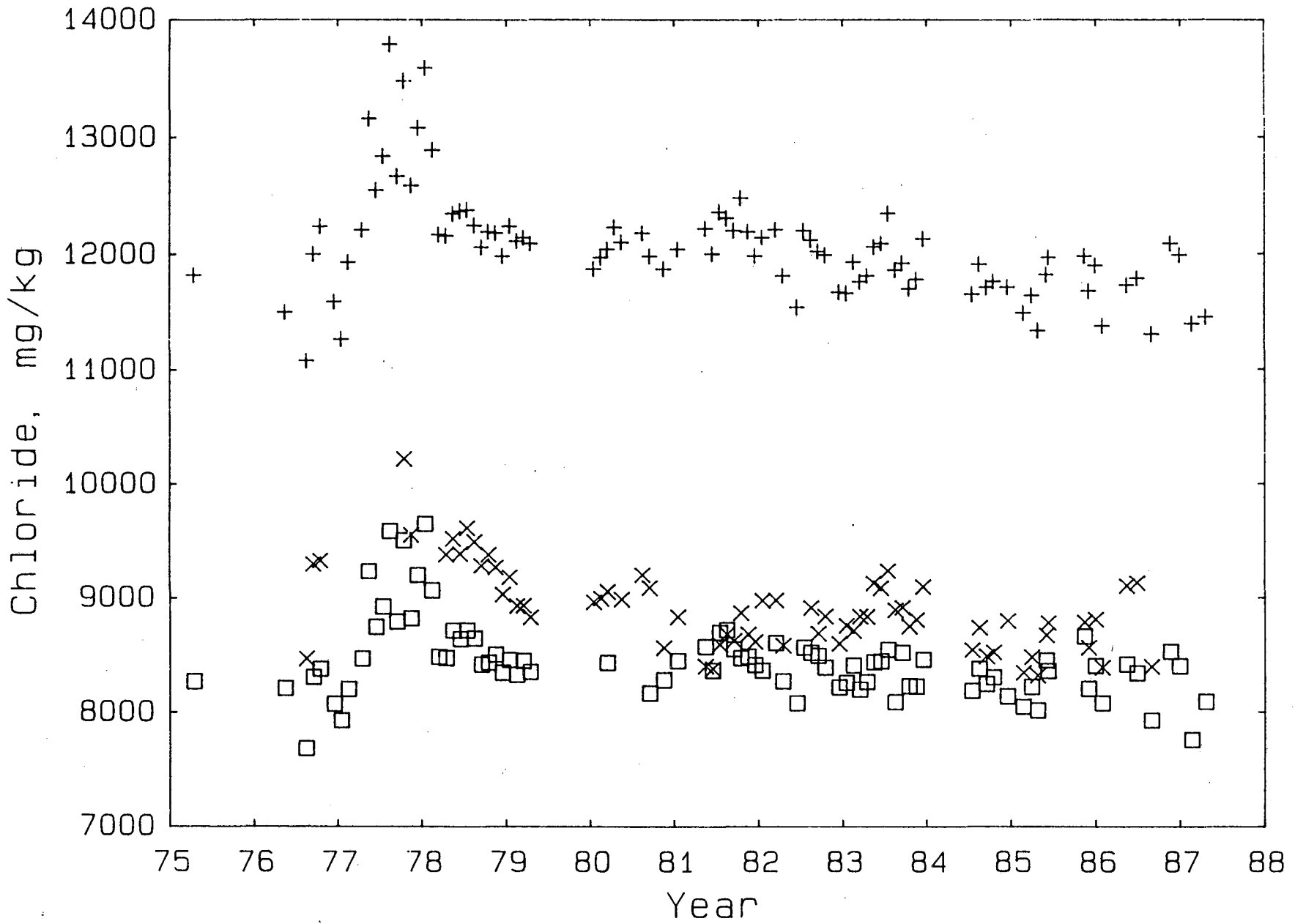




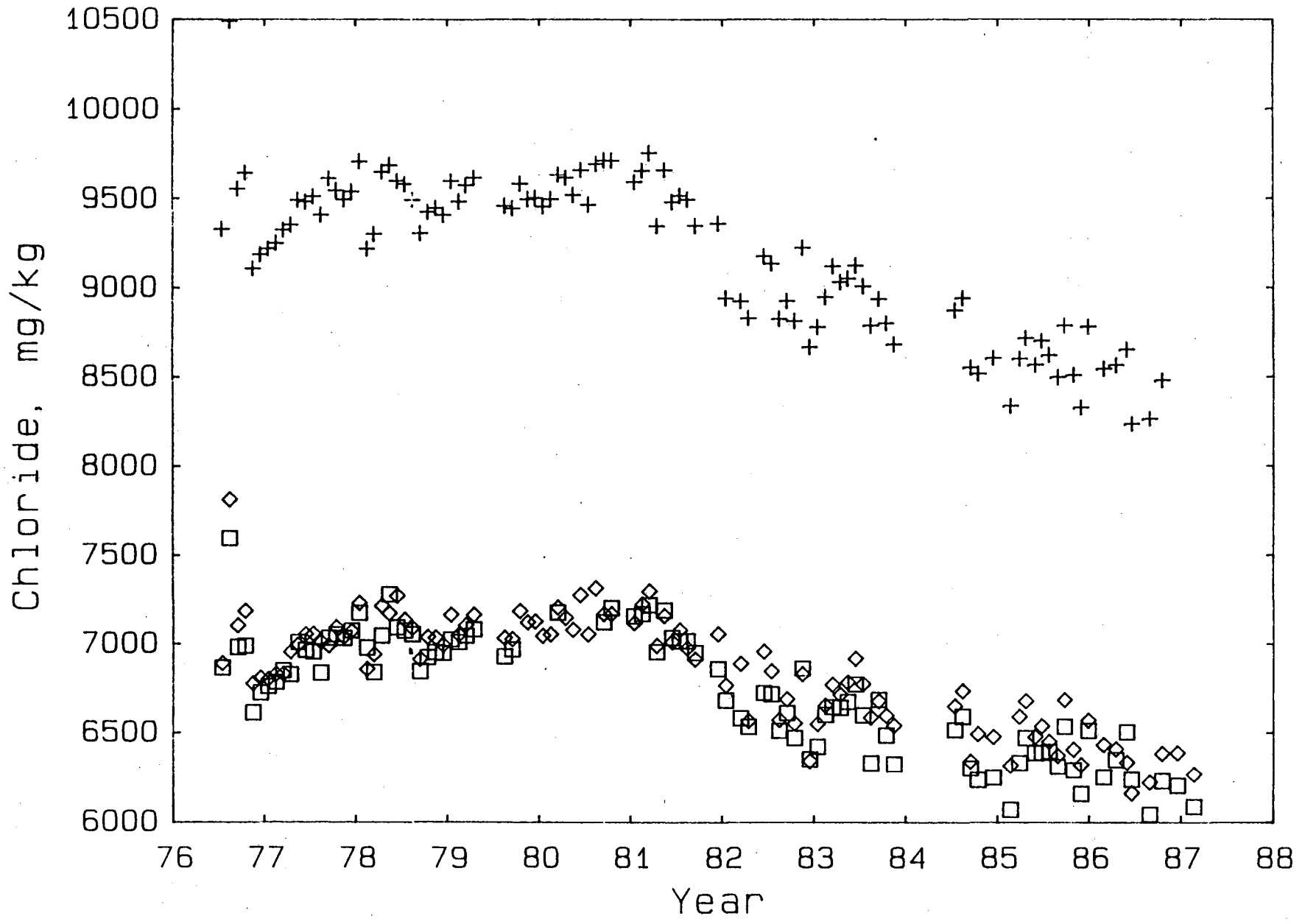
WELL AH-19



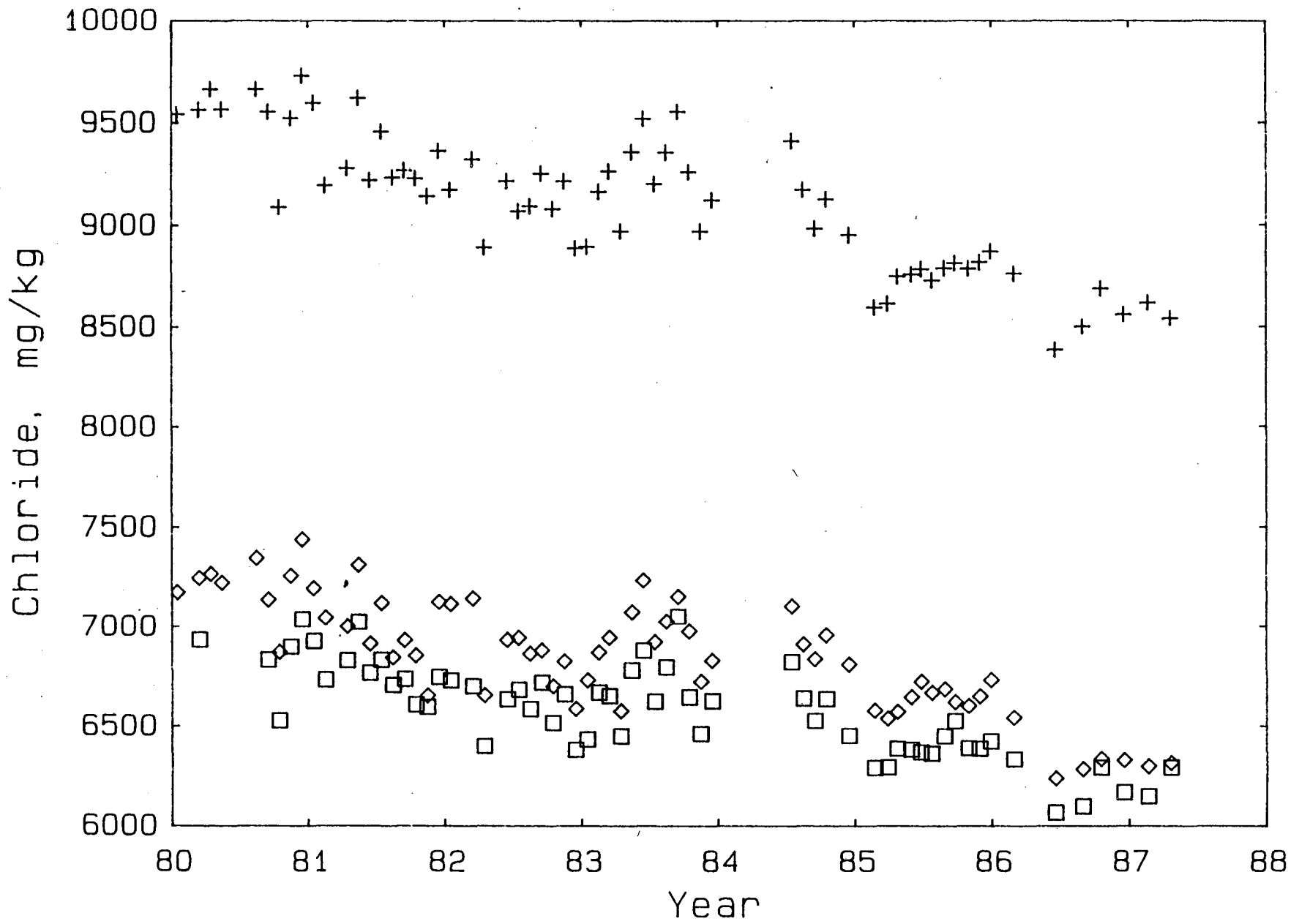
WELL AH-20



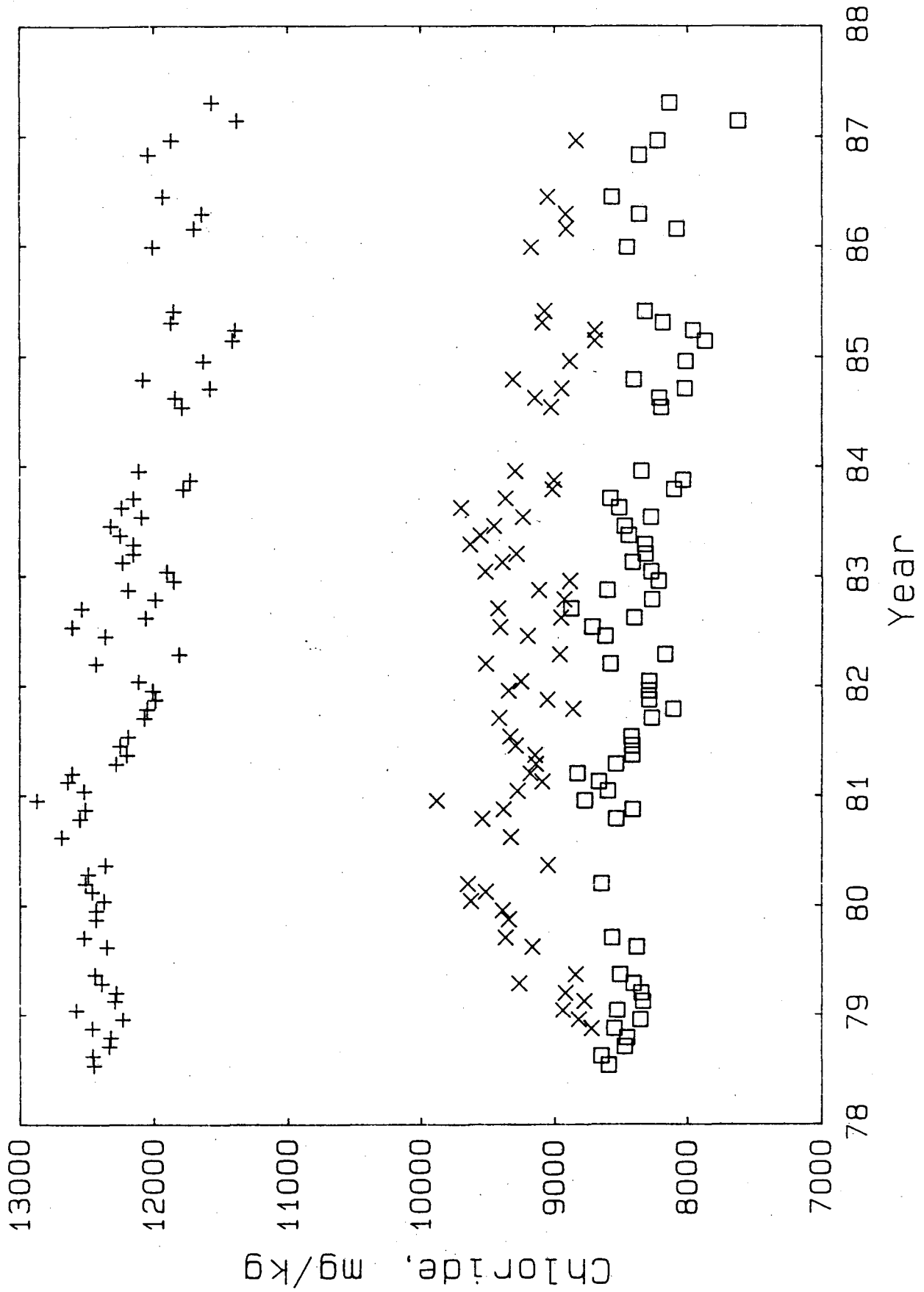
WELL AH-21

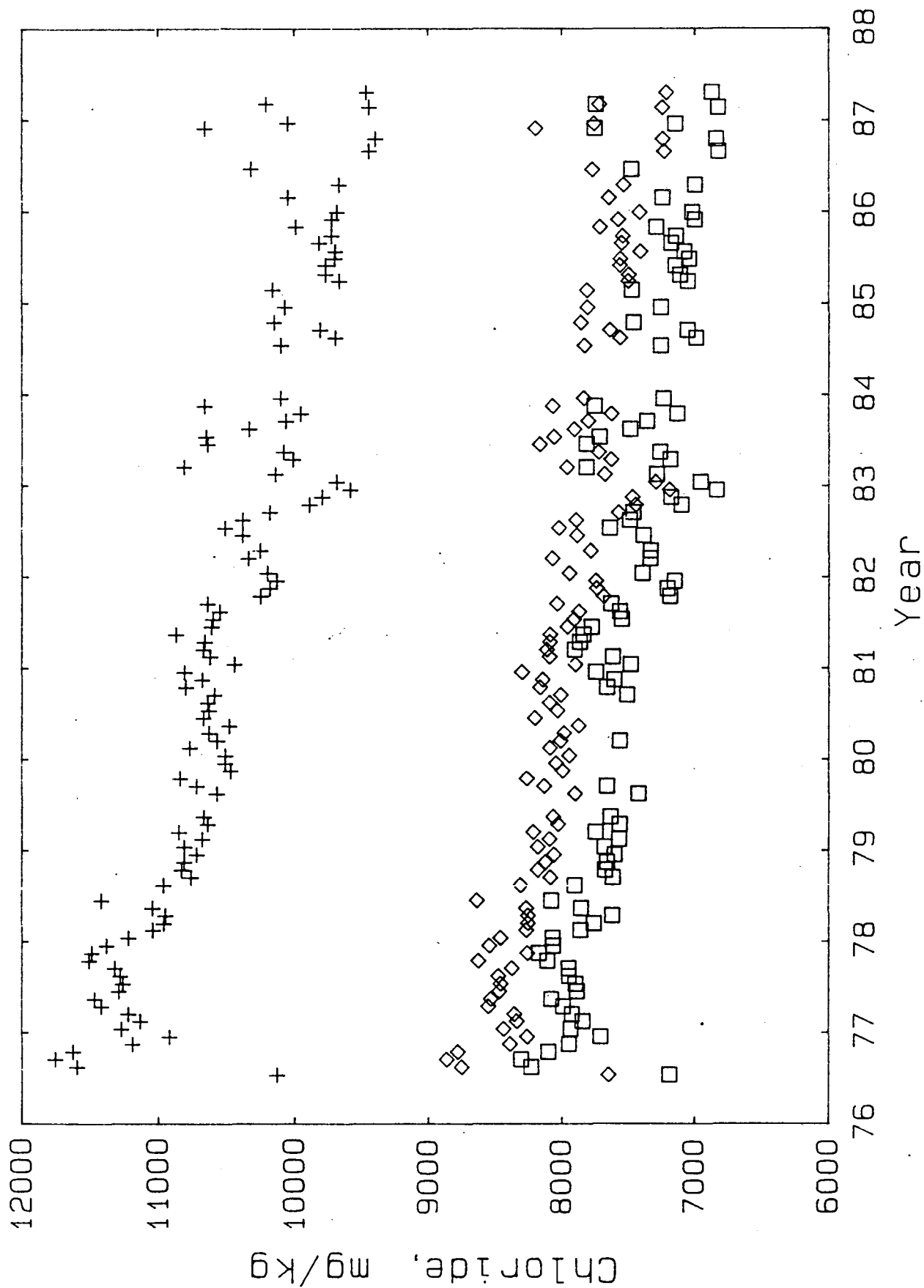


WELL AH-22

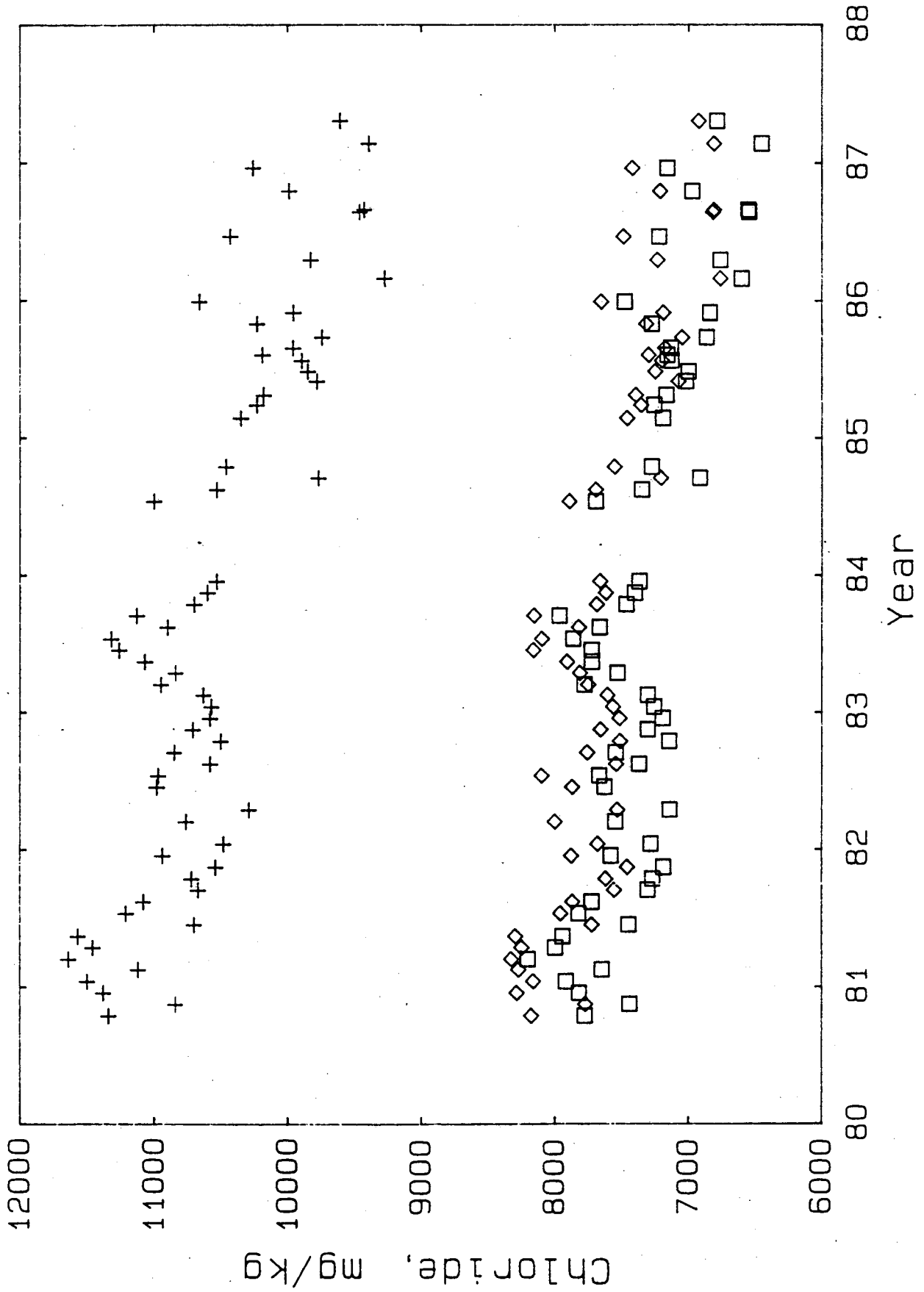


WELL AH-23

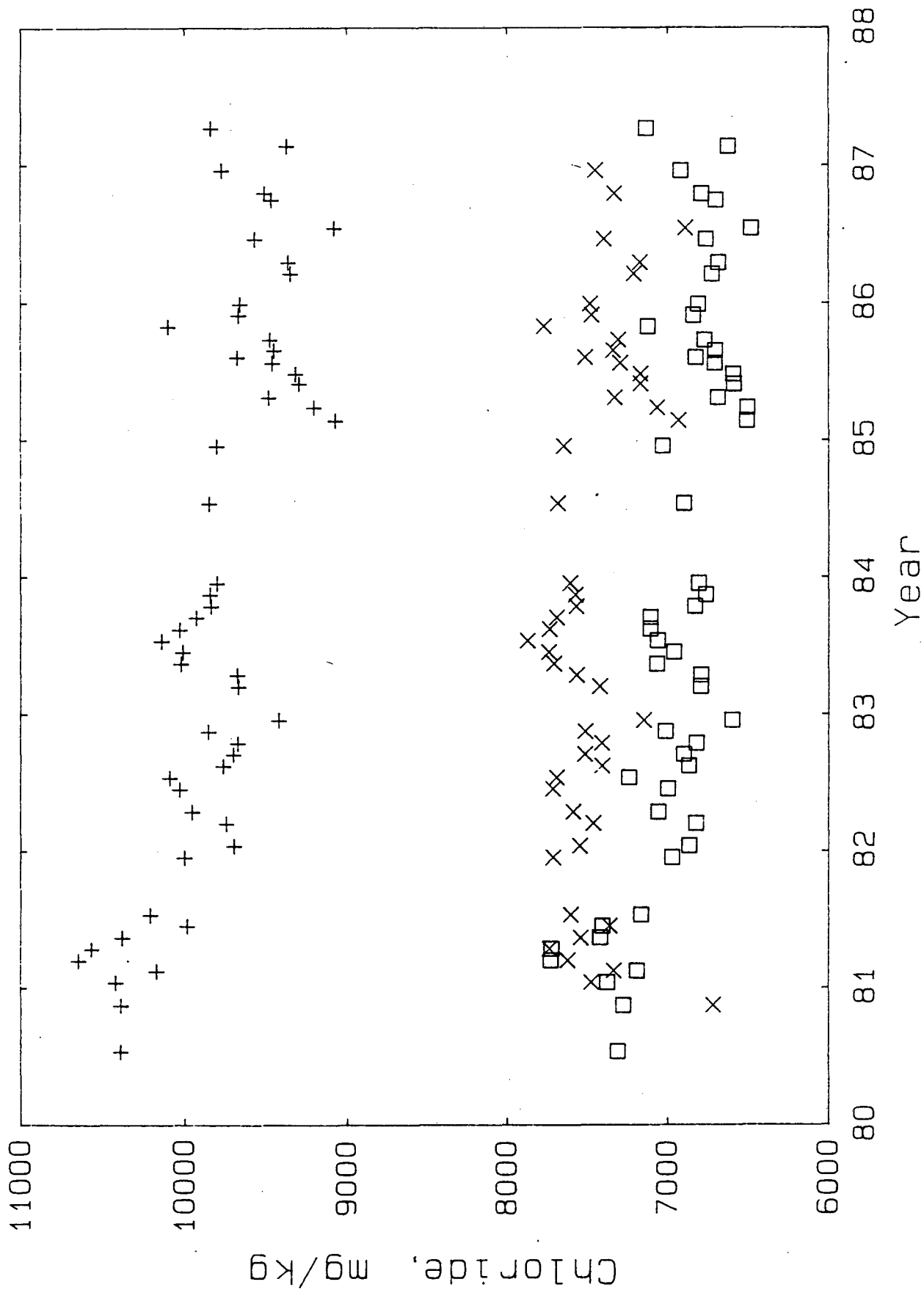


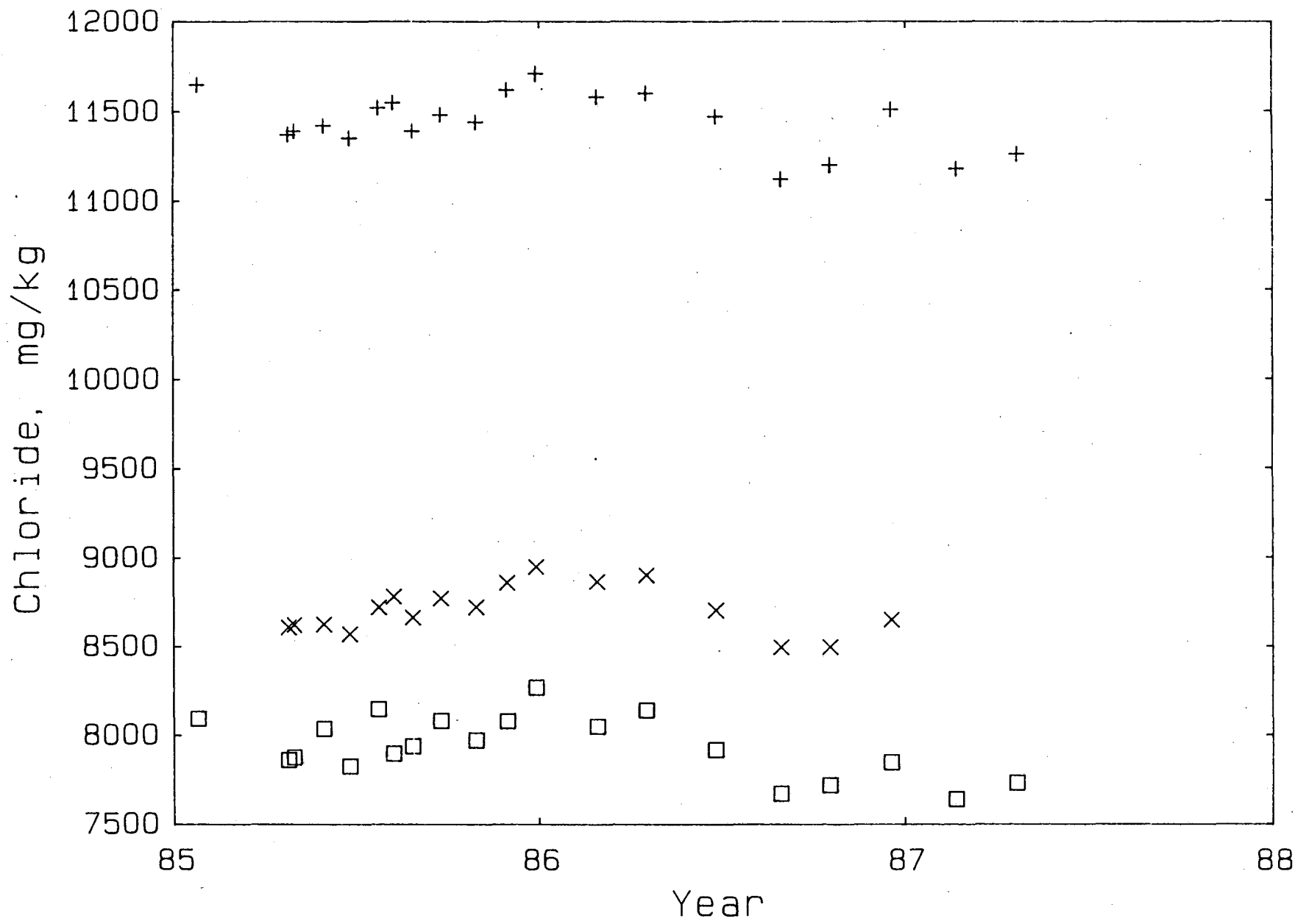


WELL AH-26



WELL AH-27





WELL AH-31

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