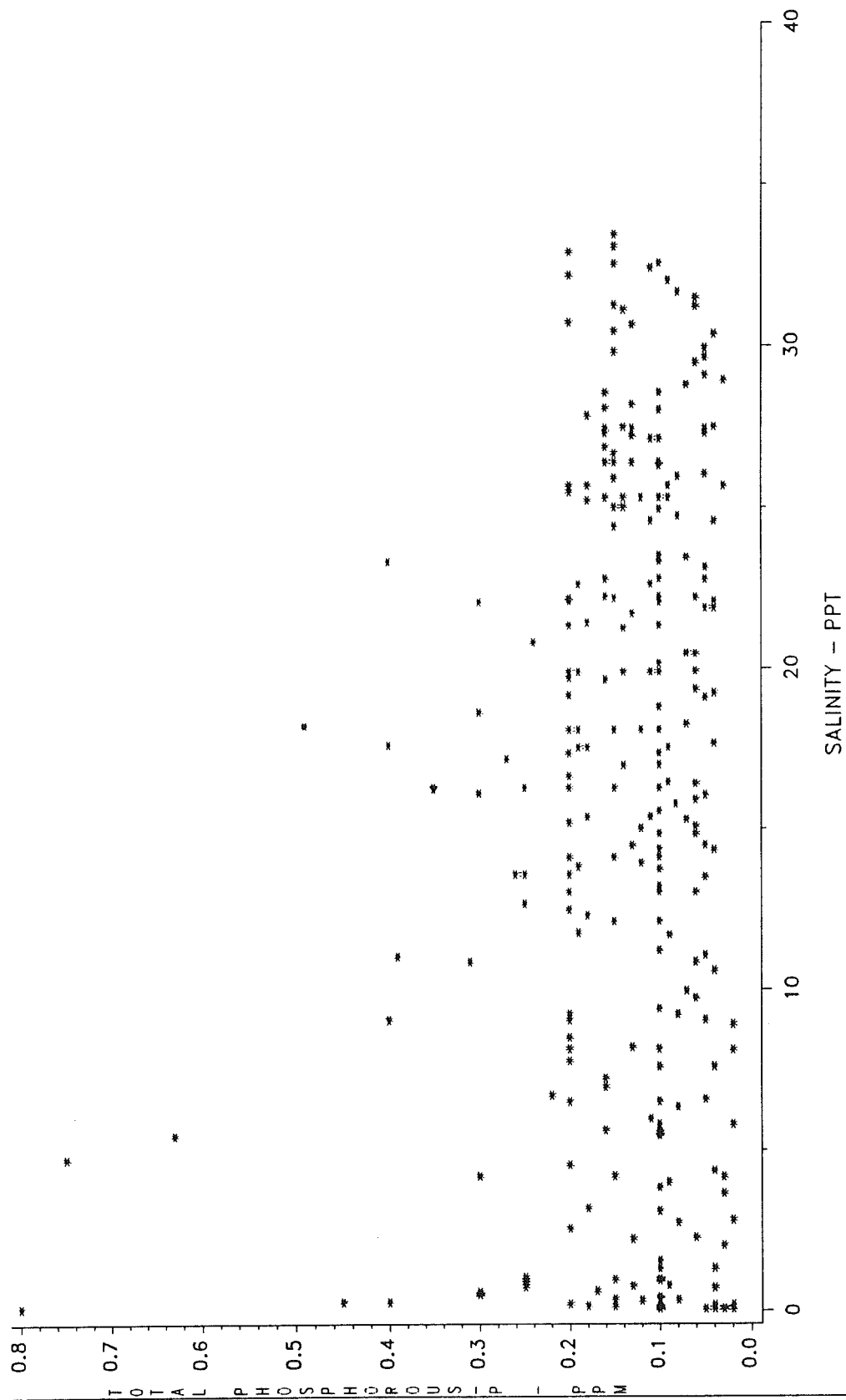


APPENDIX 2.10

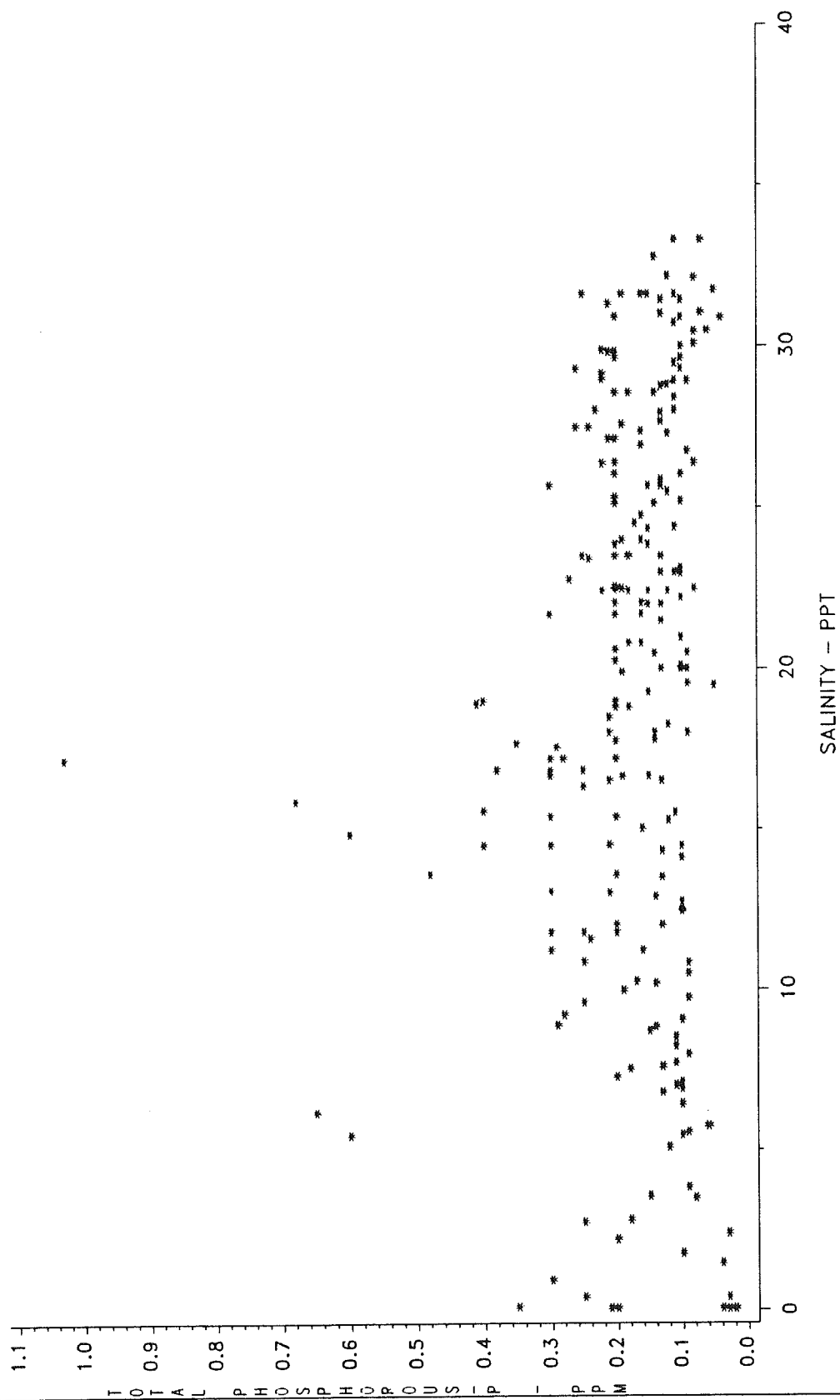
- Seasonal salinity property plots for the tidal waters of Indian River Bay
- Seasonal salinity property plots for the tidal waters of Indian River Bay for the periods 1970-1975 and 1986-1991



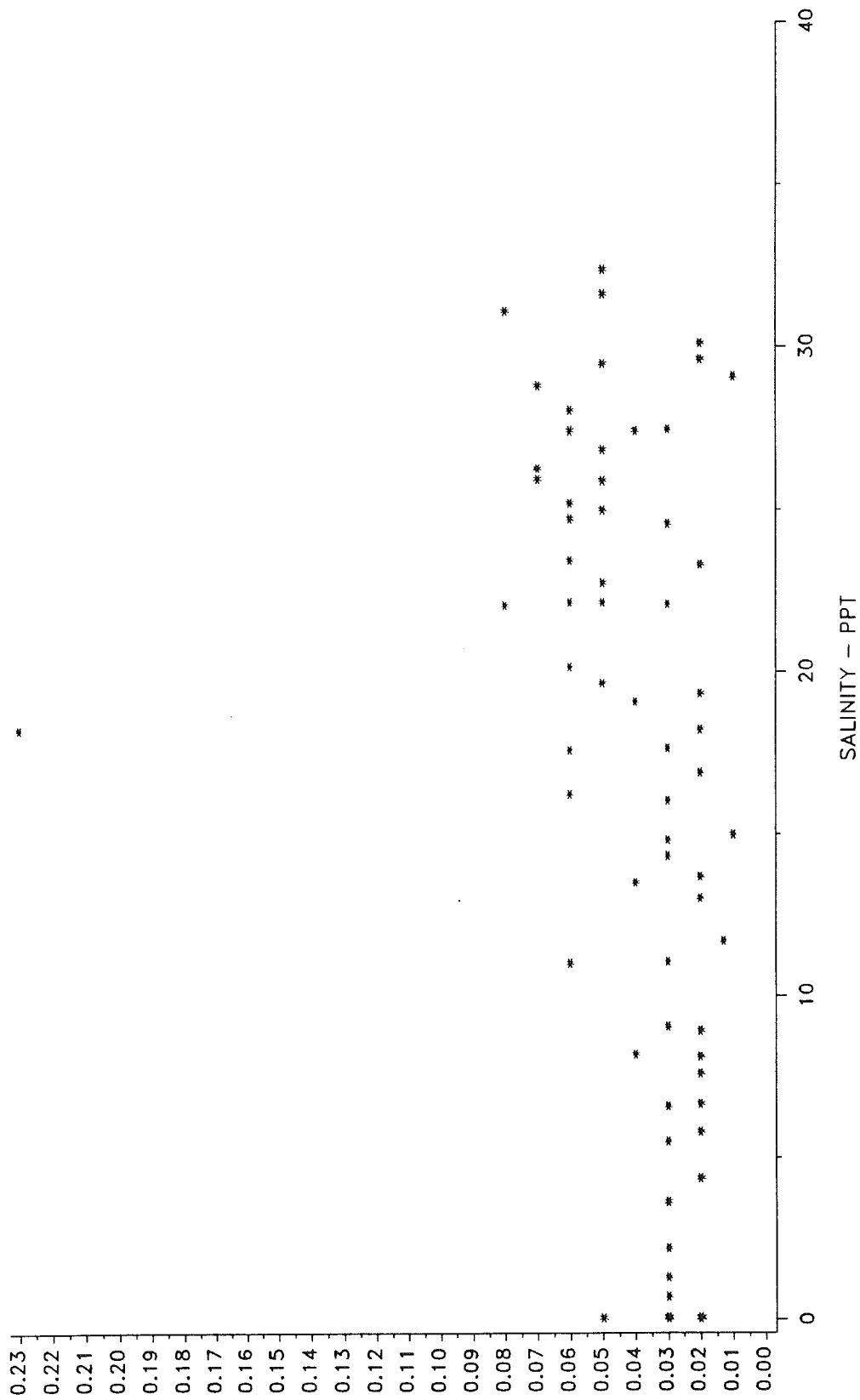
INDIAN RIVER BAY - WATER QUALITY ANALYSIS
Ambient Total Phosphorous as P - Salinity Property Plot
SEASON=Spring



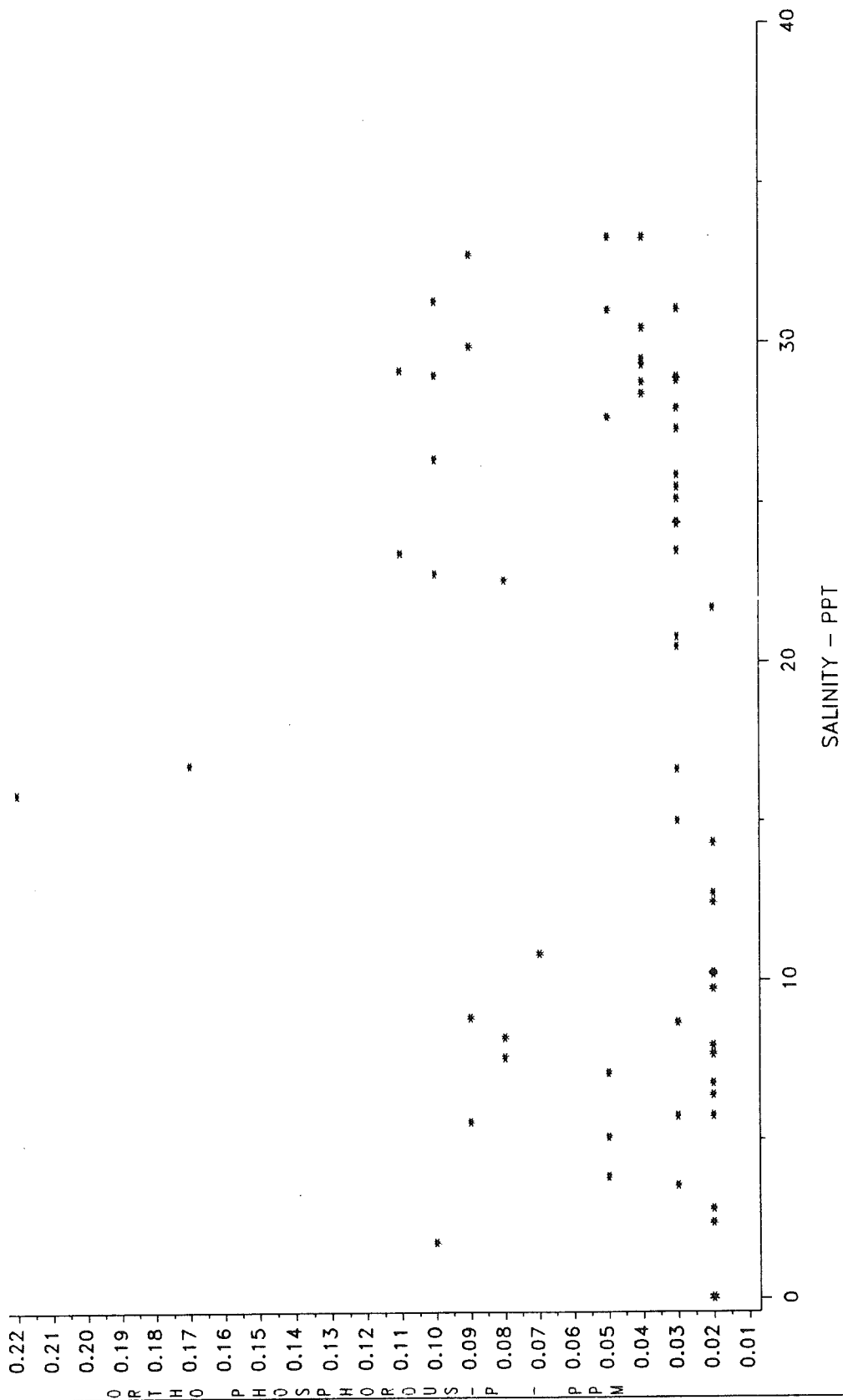
INDIAN RIVER BAY -- WATER QUALITY ANALYSIS
Ambient Total Phosphorous as P -- Salinity Property Plot
SEASON=Summer



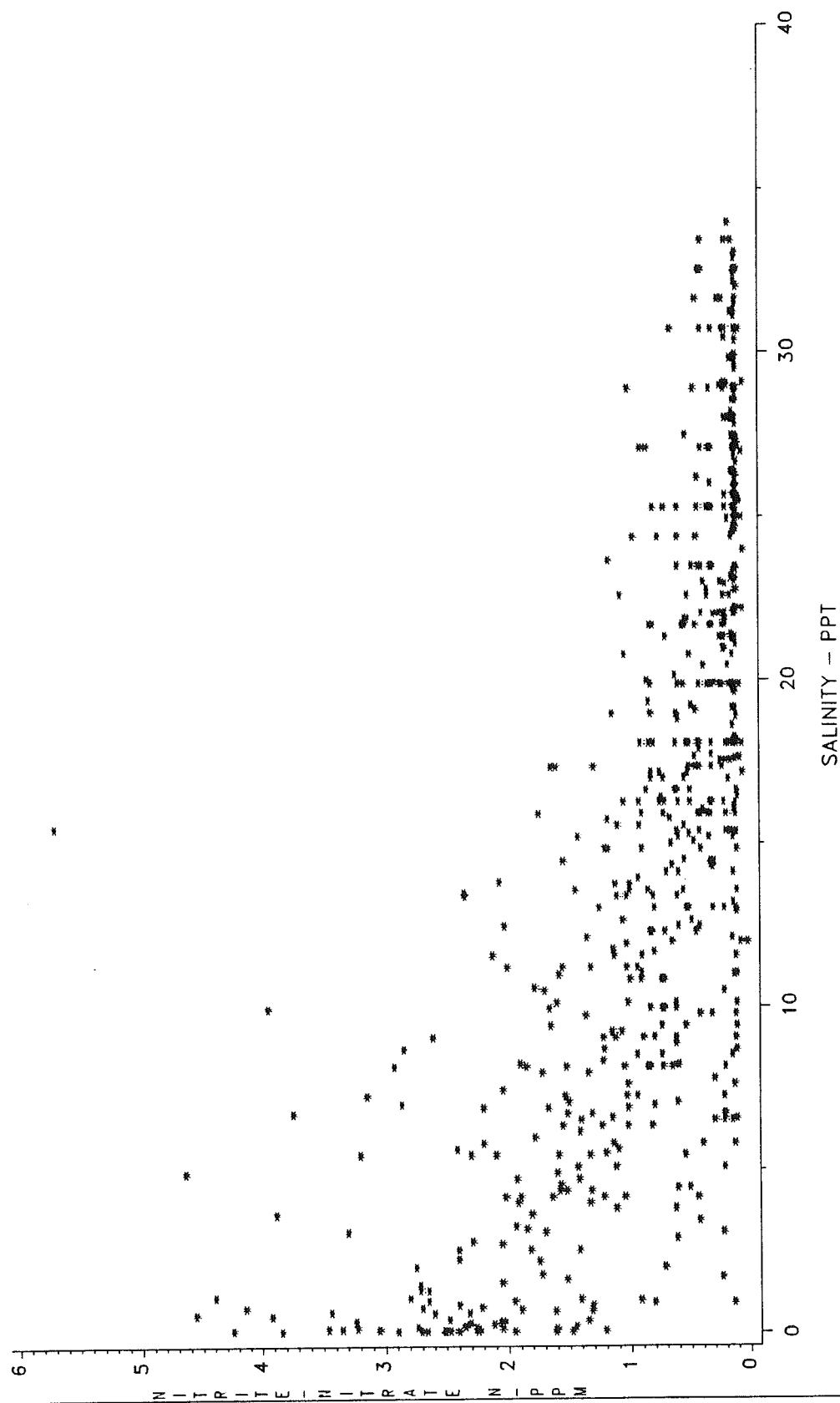
INDIAN RIVER BAY – WATER QUALITY ANALYSIS Ambient Total Ortho-phosphorous-P – Salinity Property Plot SEASON=Spring



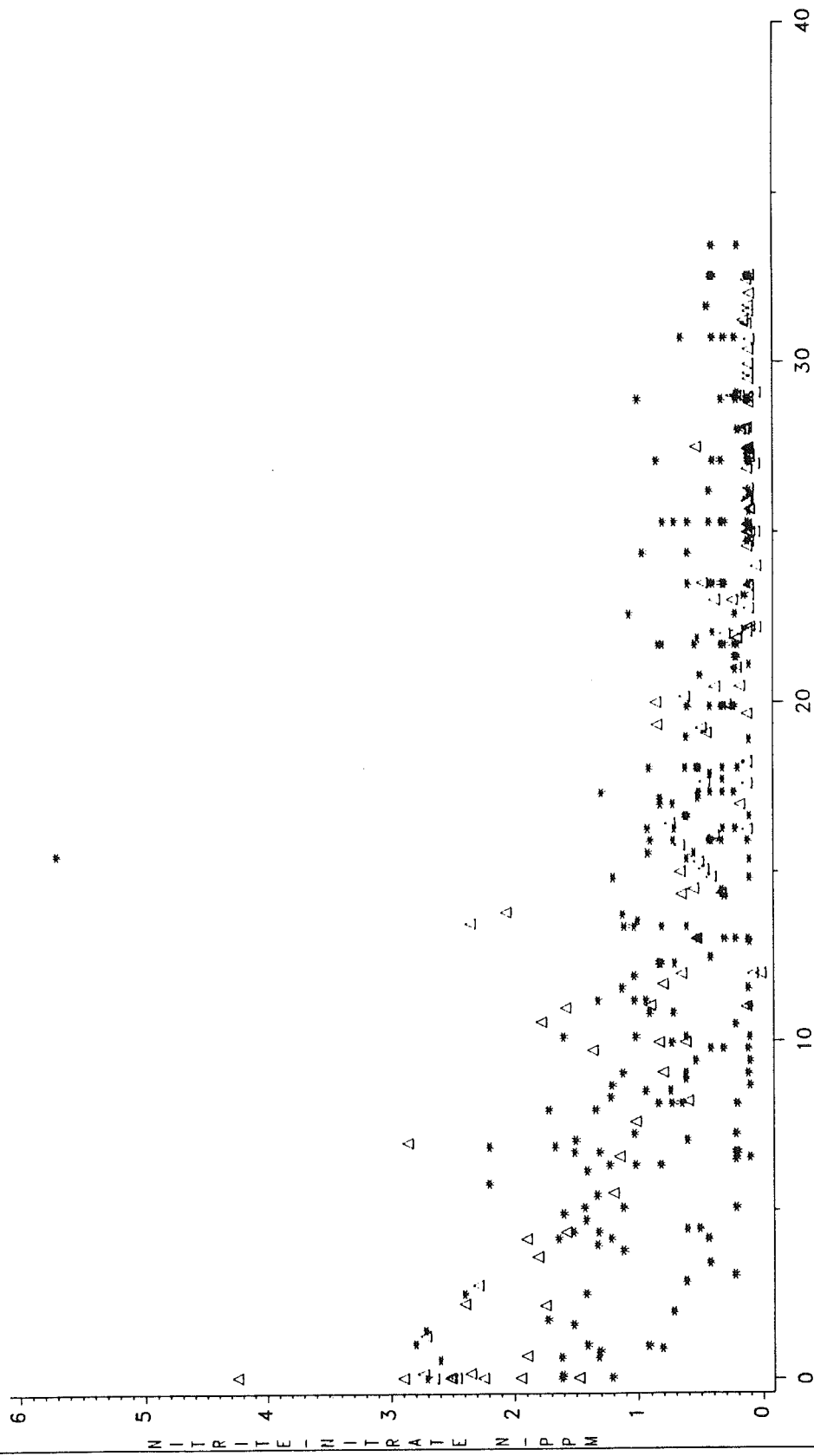
INDIAN RIVER BAY – WATER QUALITY ANALYSIS Ambient Total Ortho-phosphorous-P – Salinity Property Plot SEASON=Summer



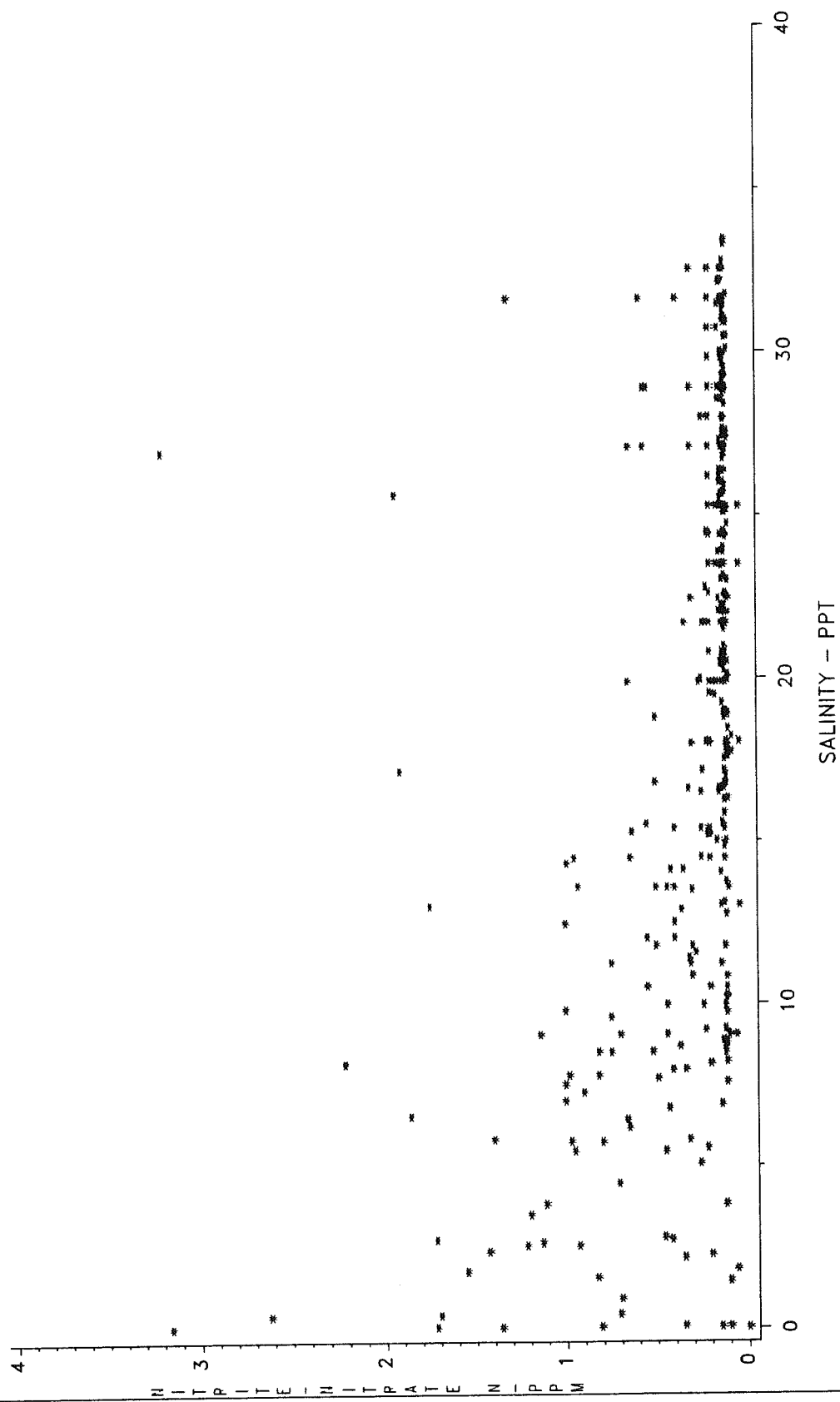
INDIAN RIVER BAY - WATER QUALITY ANALYSIS
Ambient Nitrite-Nitrate Nitrogen - Salinity Property Plot
SEASON=Spring



INDIAN RIVER BAY - WATER QUALITY ANALYSIS Ambient Nitrite-Nitrate Nitrogen - Salinity Property Plot SEASON=Spring



INDIAN RIVER BAY – WATER QUALITY ANALYSIS Ambient Nitrite–Nitrate Nitrogen – Salinity Property Plot SEASON=Summer

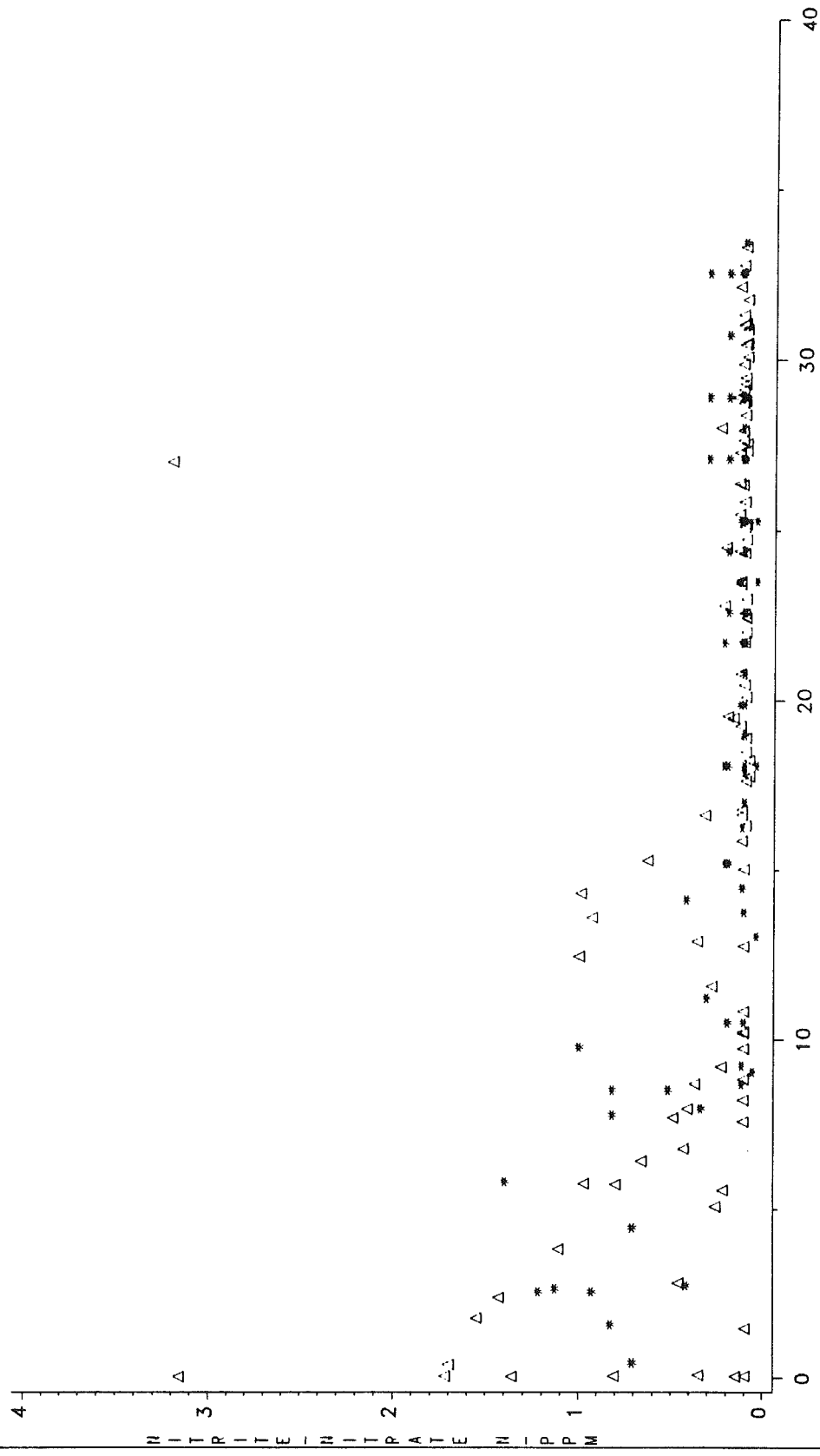


INDIAN RIVER BAY - WATER QUALITY ANALYSIS

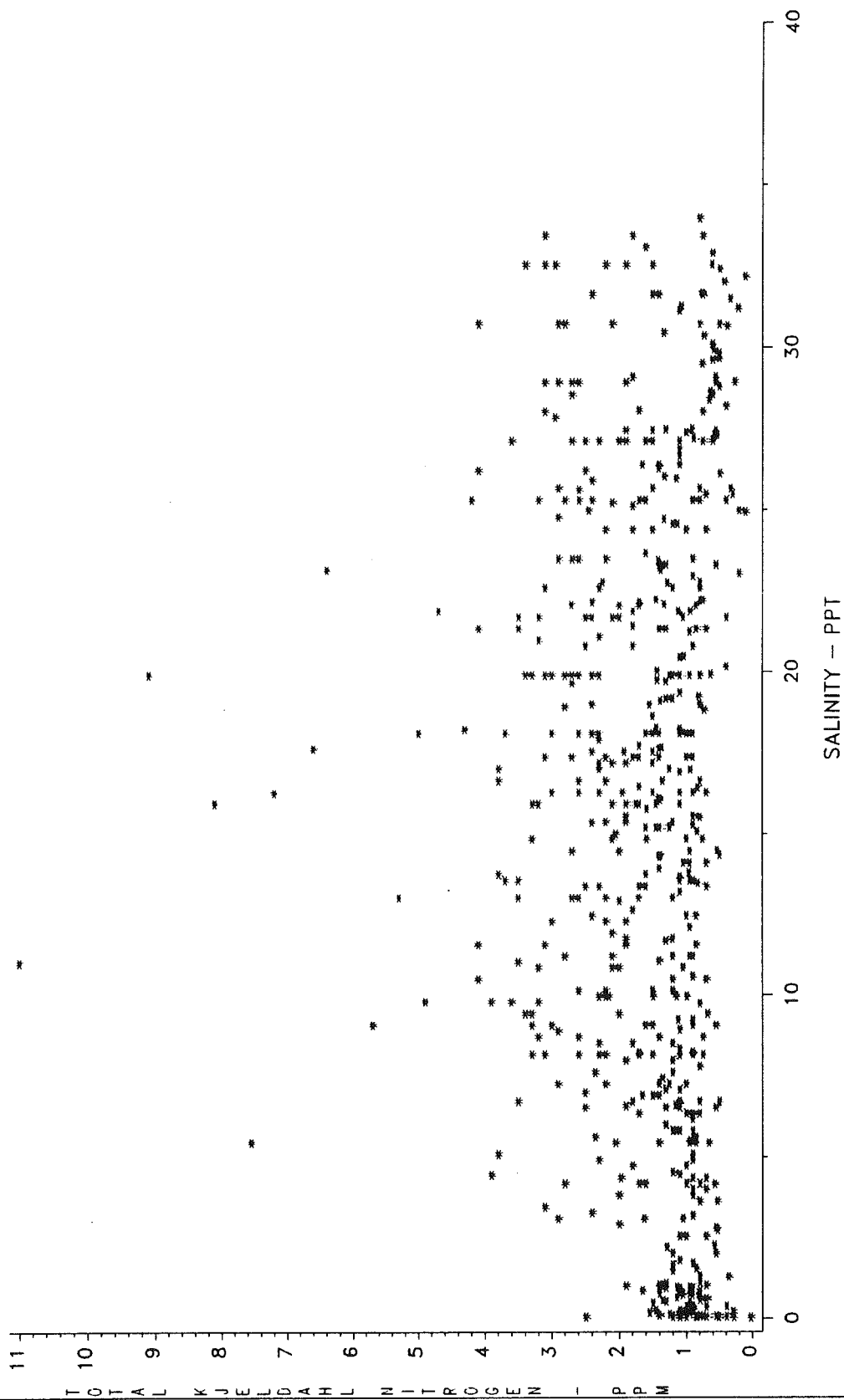
Ambient Nitrite-Nitrate Nitrogen - Salinity Property Plot

SEASON=Summer

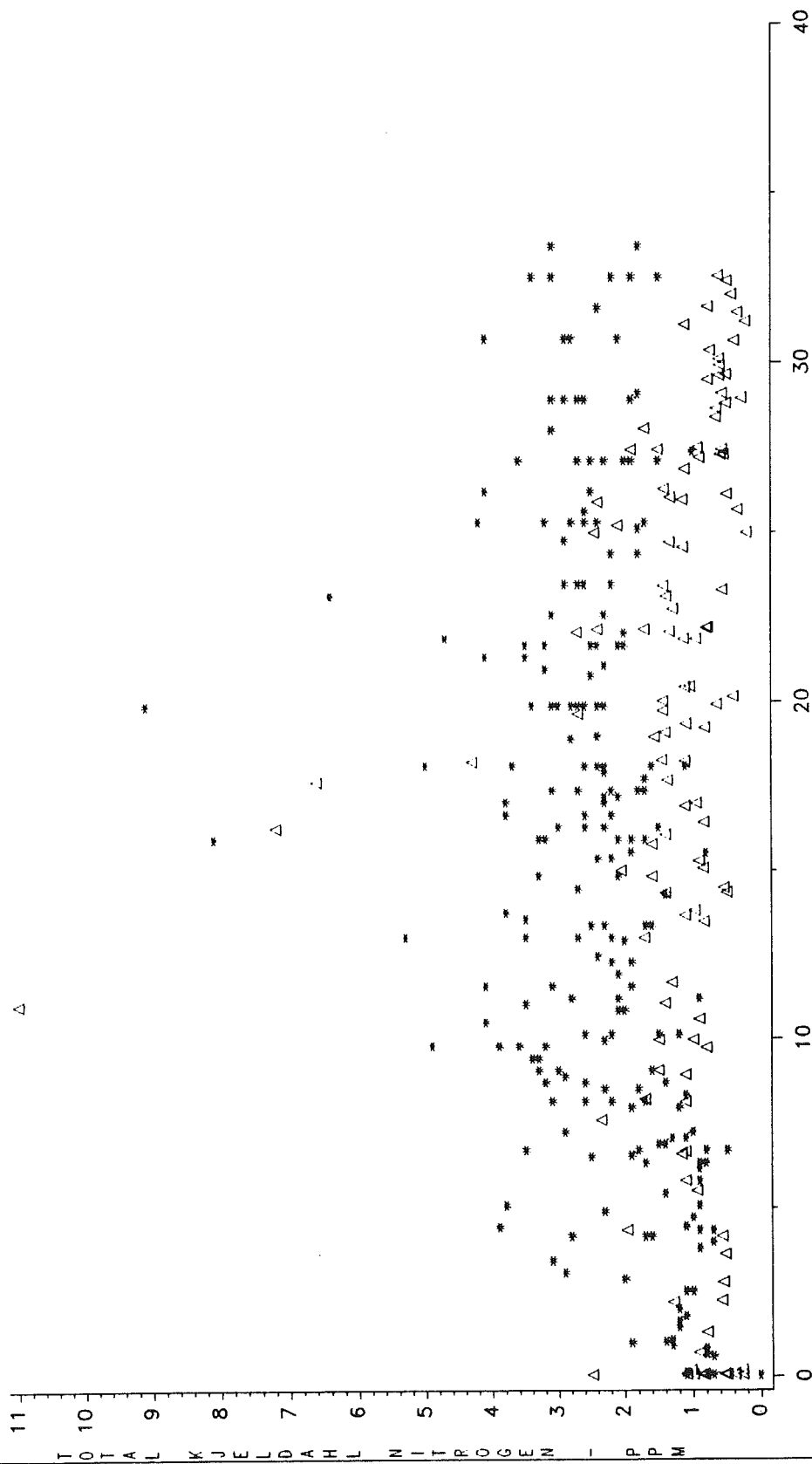
PERIOD * * * 1970-1975 Δ Δ Δ 1986-1991



INDIAN RIVER BAY – WATER QUALITY ANALYSIS
Ambient Total Kjeldahl Nitrogen – Salinity Property Plot
SEASON=Spring

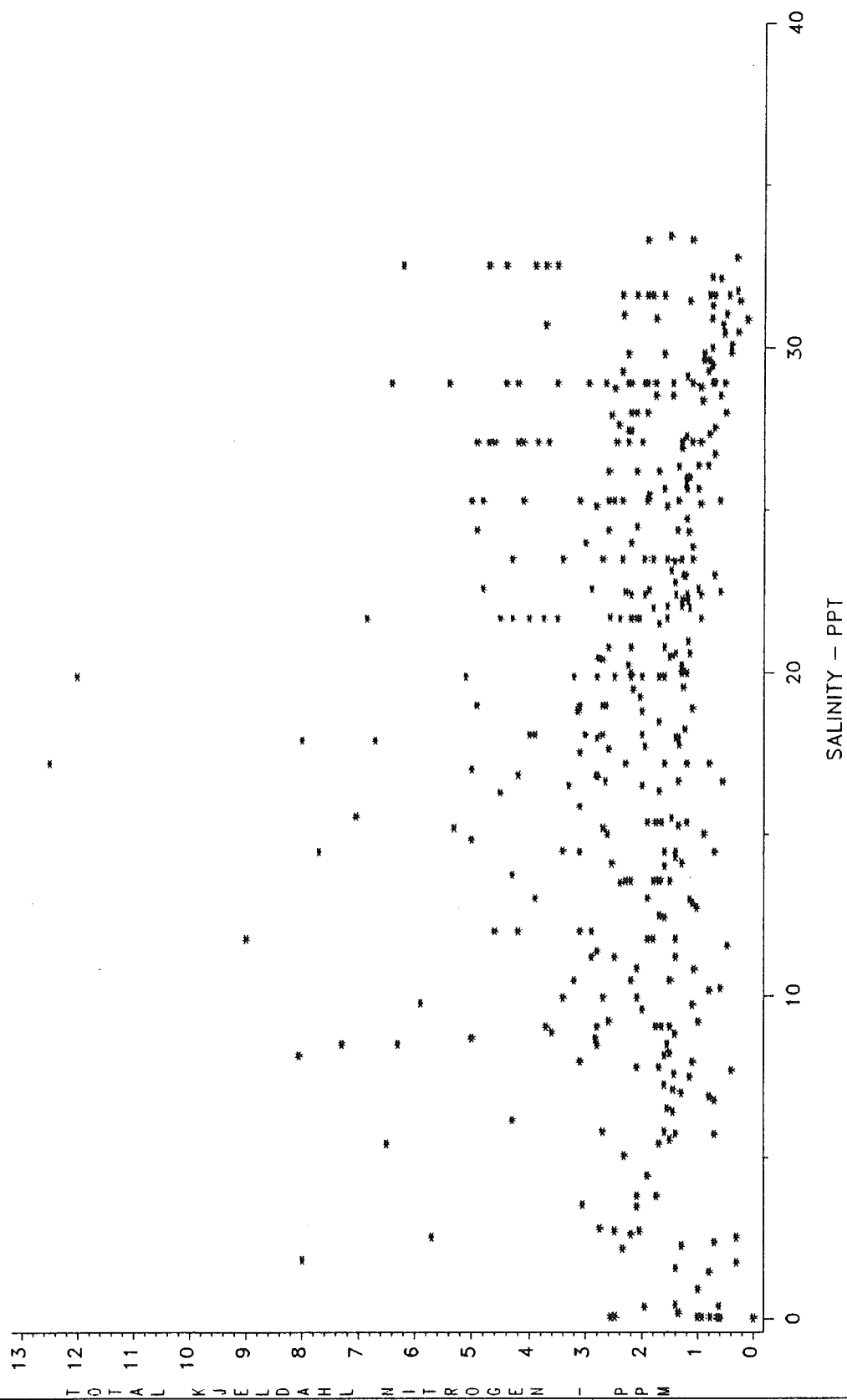


INDIAN RIVER BAY – WATER QUALITY ANALYSIS Ambient Total Kjeldahl Nitrogen – Salinity Property Plot SEASON=Spring

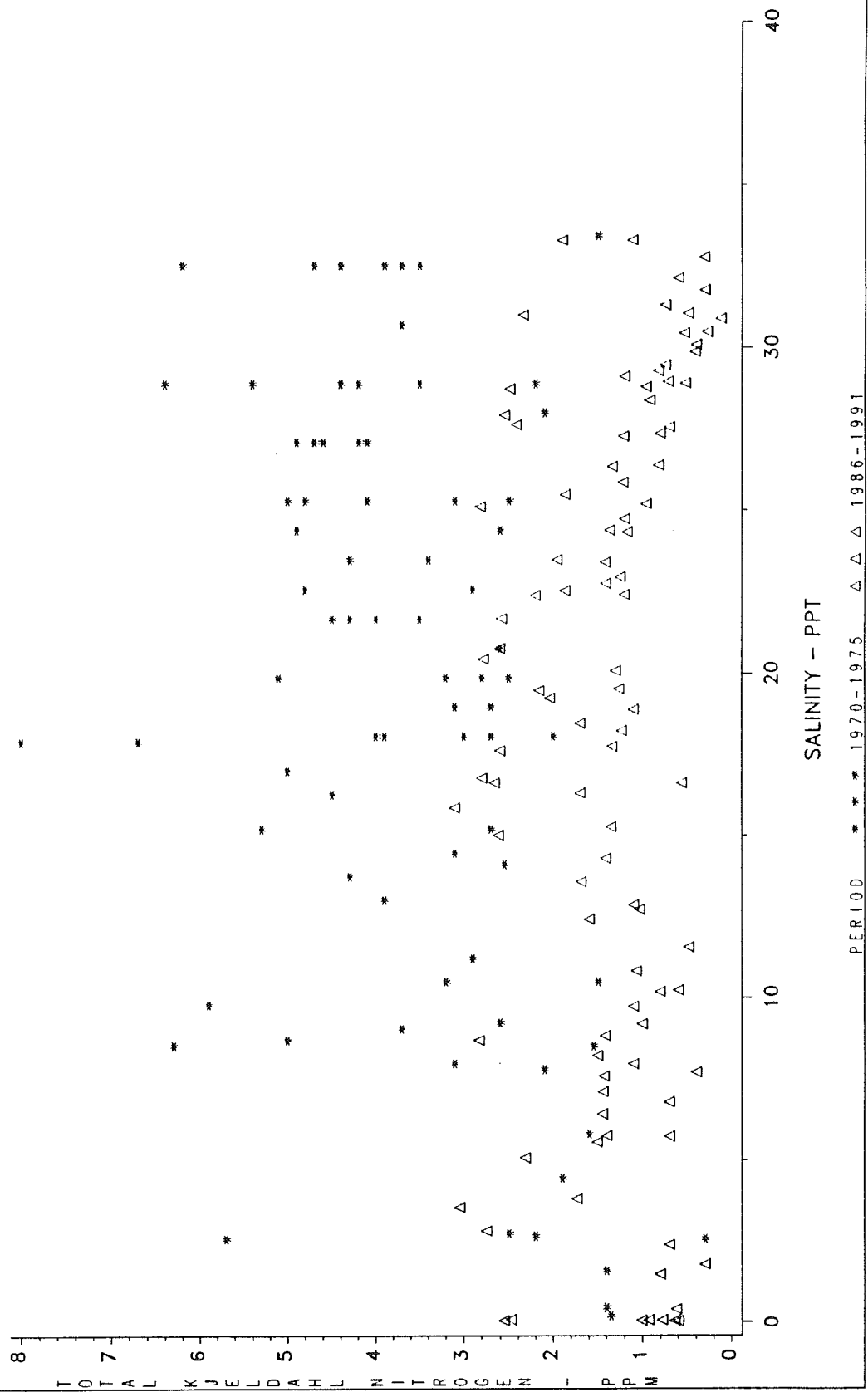


PERIOD * * * 1970-1975 Δ Δ Δ 1986-1991

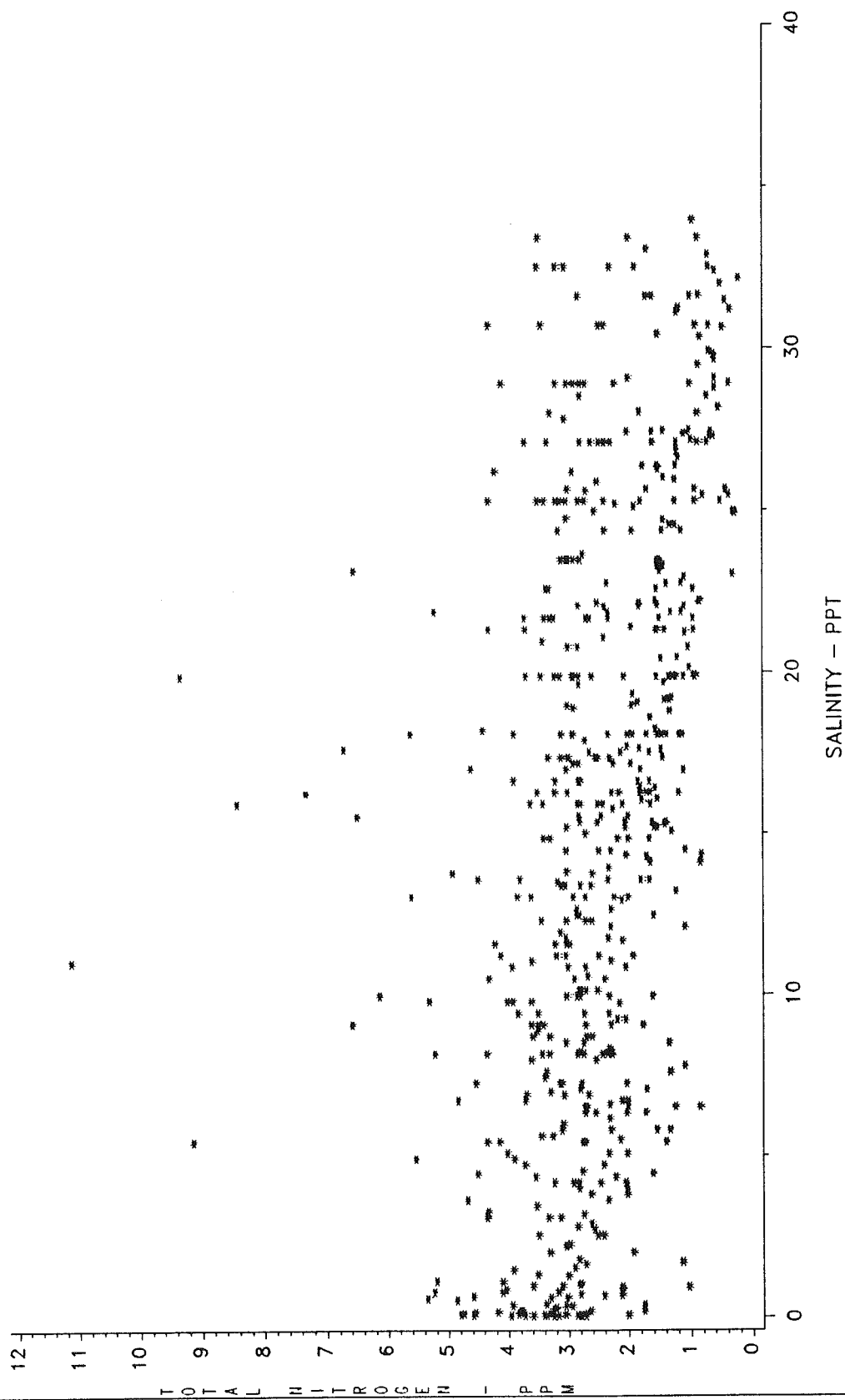
INDIAN RIVER BAY -- WATER QUALITY ANALYSIS
Ambient Total Kjeldahl Nitrogen--Salinity Property Plot
SEASON=Summer



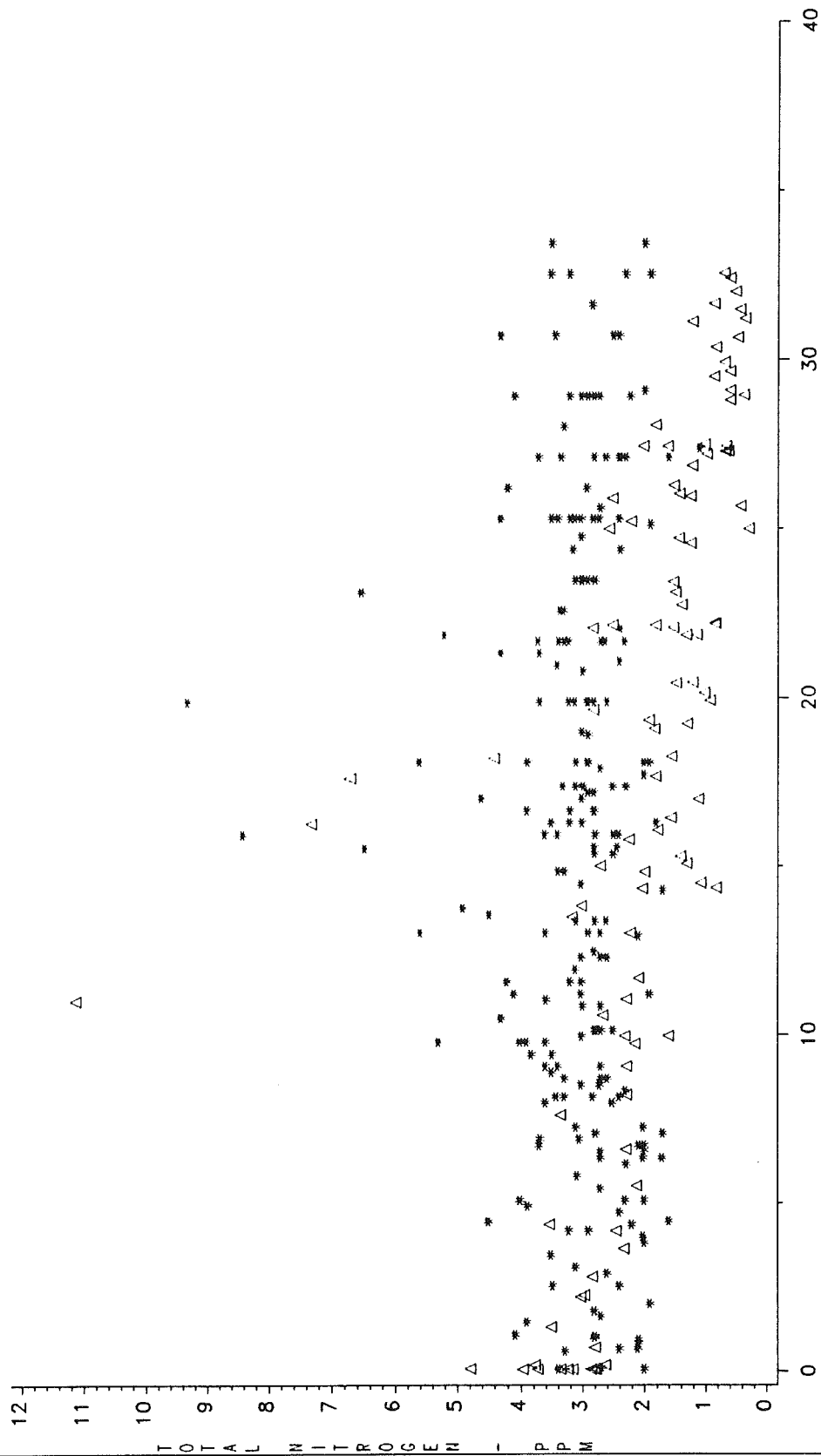
INDIAN RIVER BAY - WATER QUALITY ANALYSIS Ambient Total Kjeldahl Nitrogen - Salinity Property Plot SEASON=Summer



INDIAN RIVER BAY – WATER QUALITY ANALYSIS
Ambient Total Nitrogen – Salinity Property Plot
SEASON=Spring



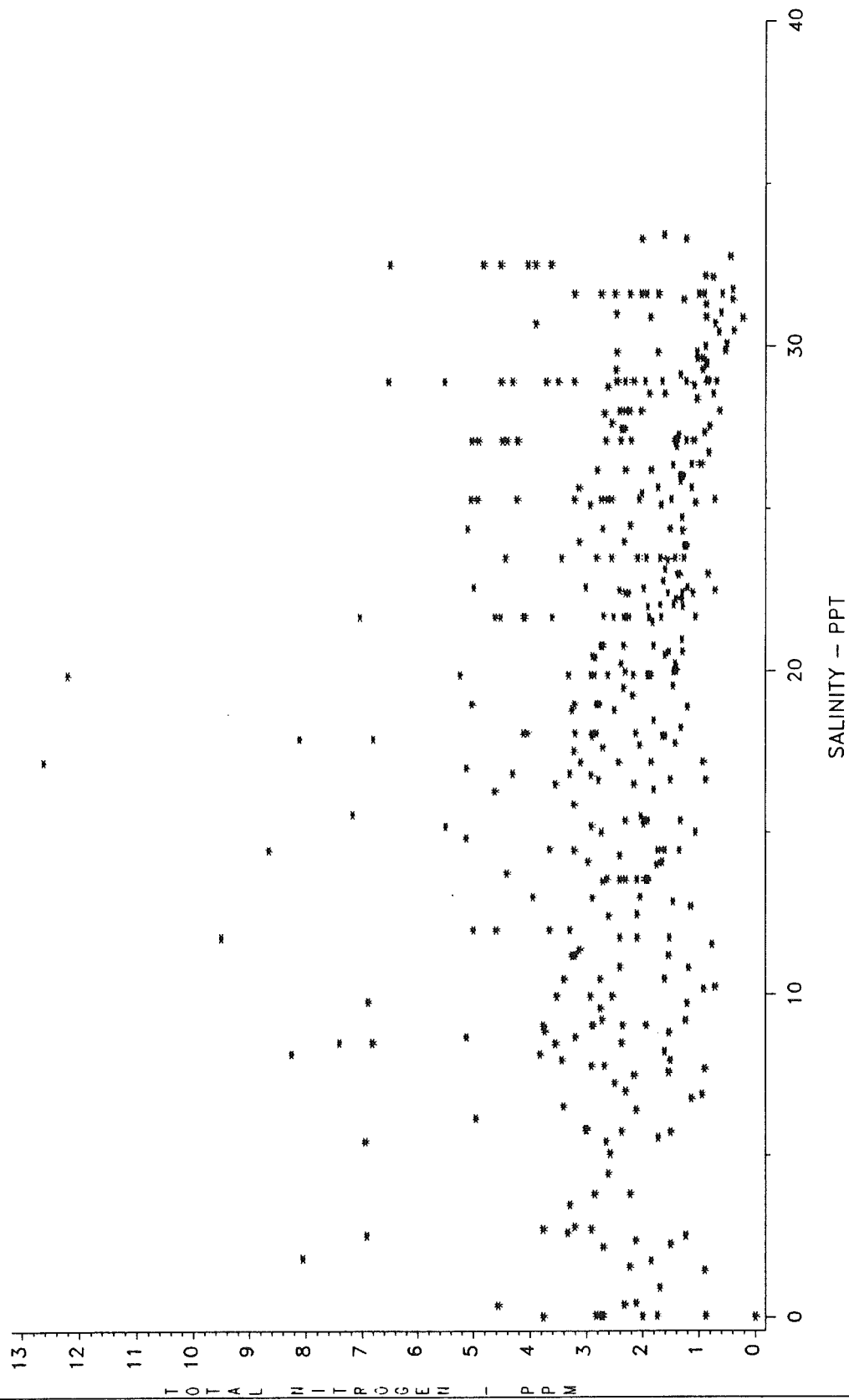
INDIAN RIVER BAY - WATER QUALITY ANALYSIS Ambient Total Nitrogen - Salinity Property Plot SEASON=Spring



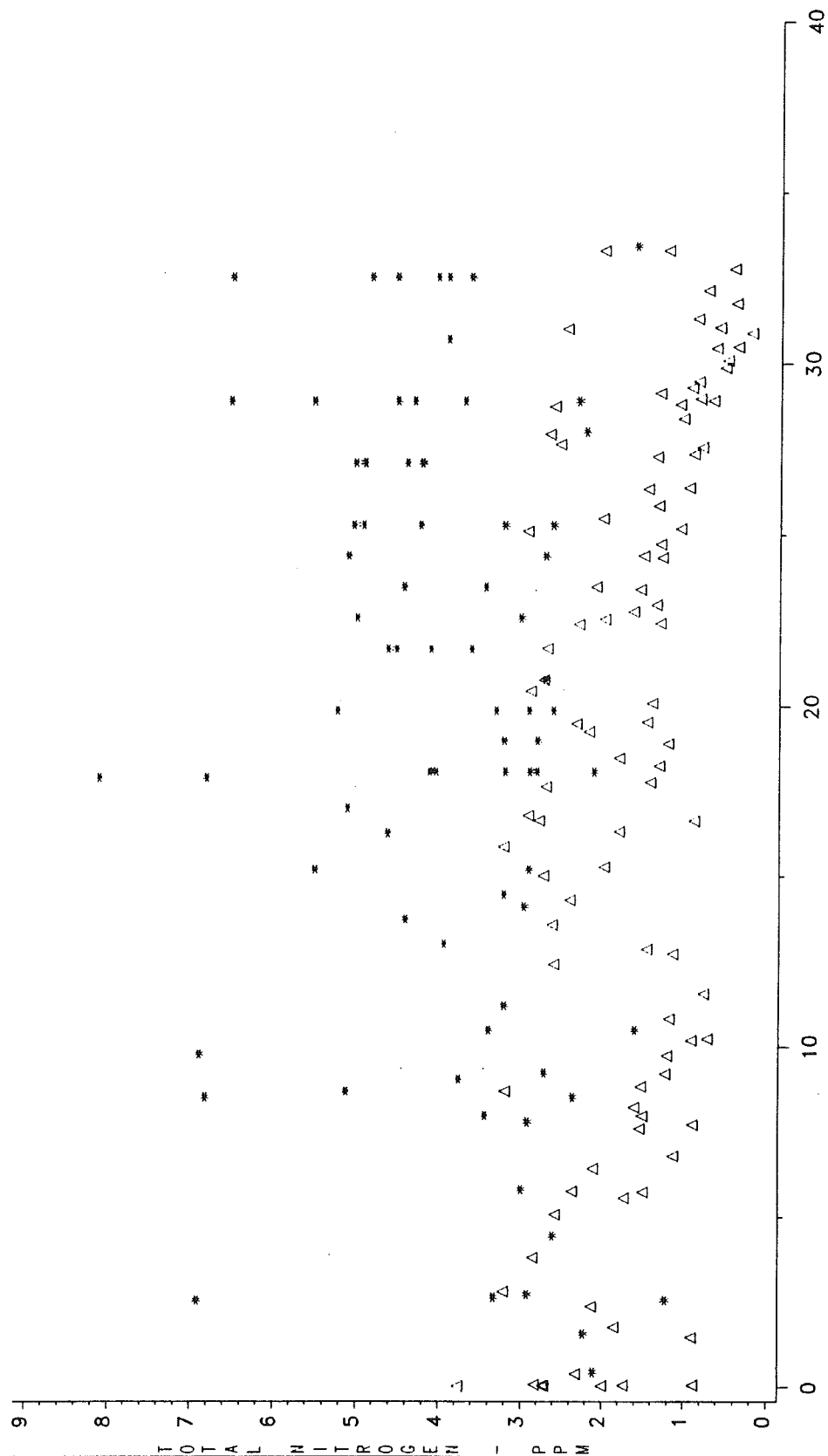
SALINITY - PPT

PERIOD * * 1970-1975 Δ Δ 1986-1991

INDIAN RIVER BAY – WATER QUALITY ANALYSIS
Ambient Total Nitrogen – Salinity Property Plot
SEASON=Summer



INDIAN RIVER BAY – WATER QUALITY ANALYSIS Ambient Total Nitrogen – Salinity Property Plot SEASON=Summer

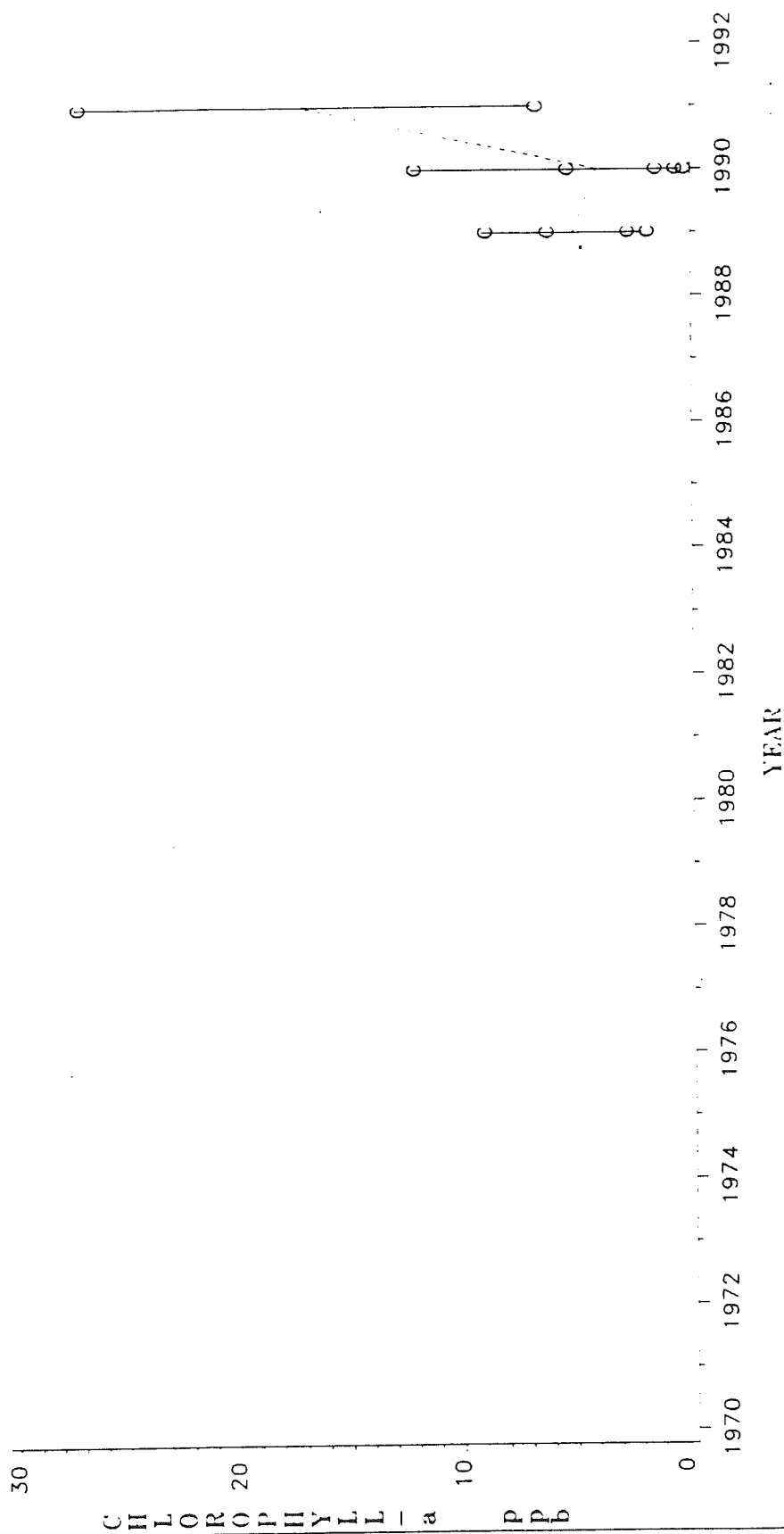


APPENDIX 2.11

- **Annual chlorophyll *a* plots for the tidal waters of the Inland Bays**
- **Seasonal chlorophyll *a* plots for the upper Indian River segment (IRU)**



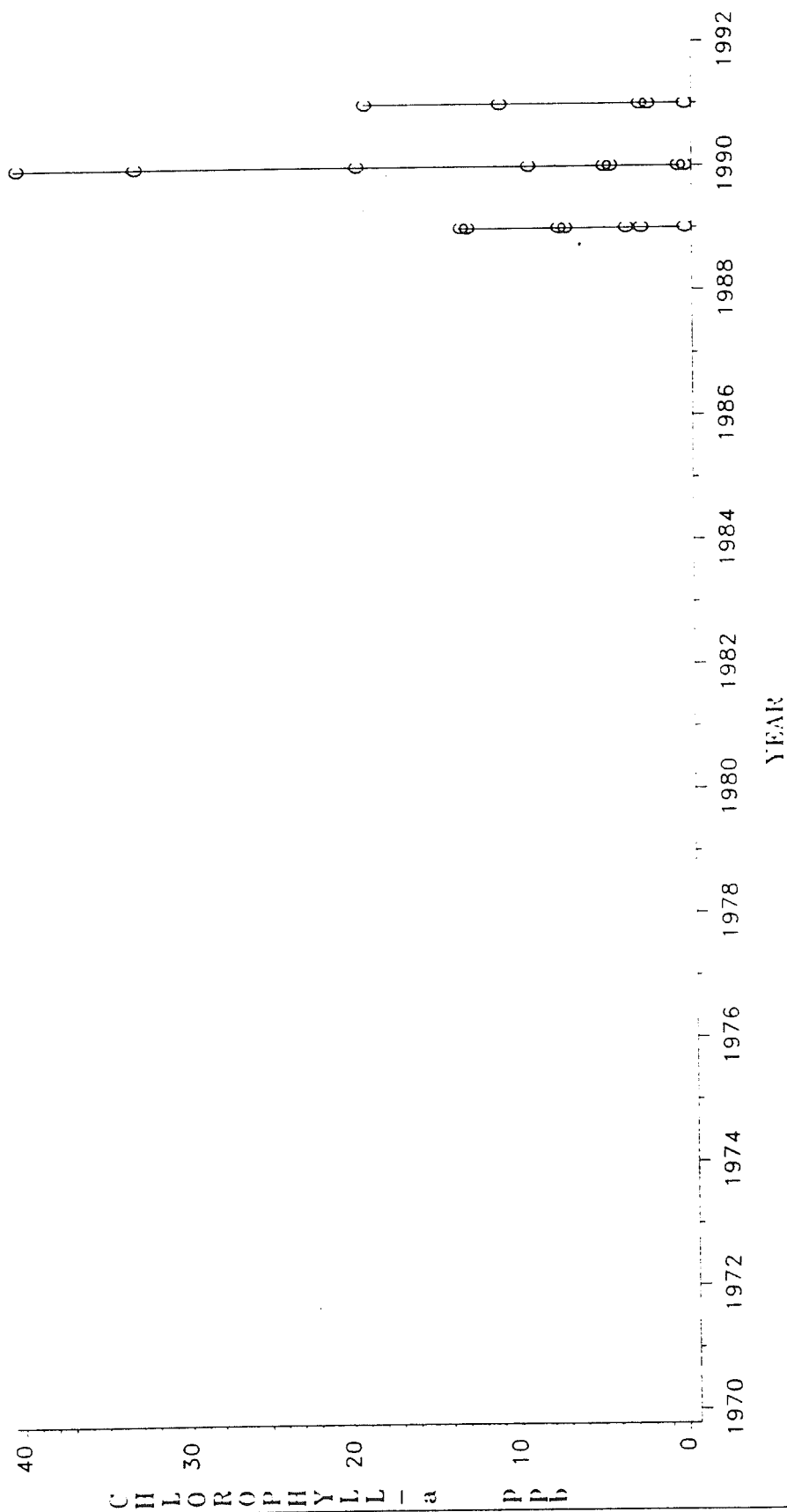
INLAND BAYS ANNUAL WATER QUALITY ANALYSIS AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb) SEGMENT=RBN



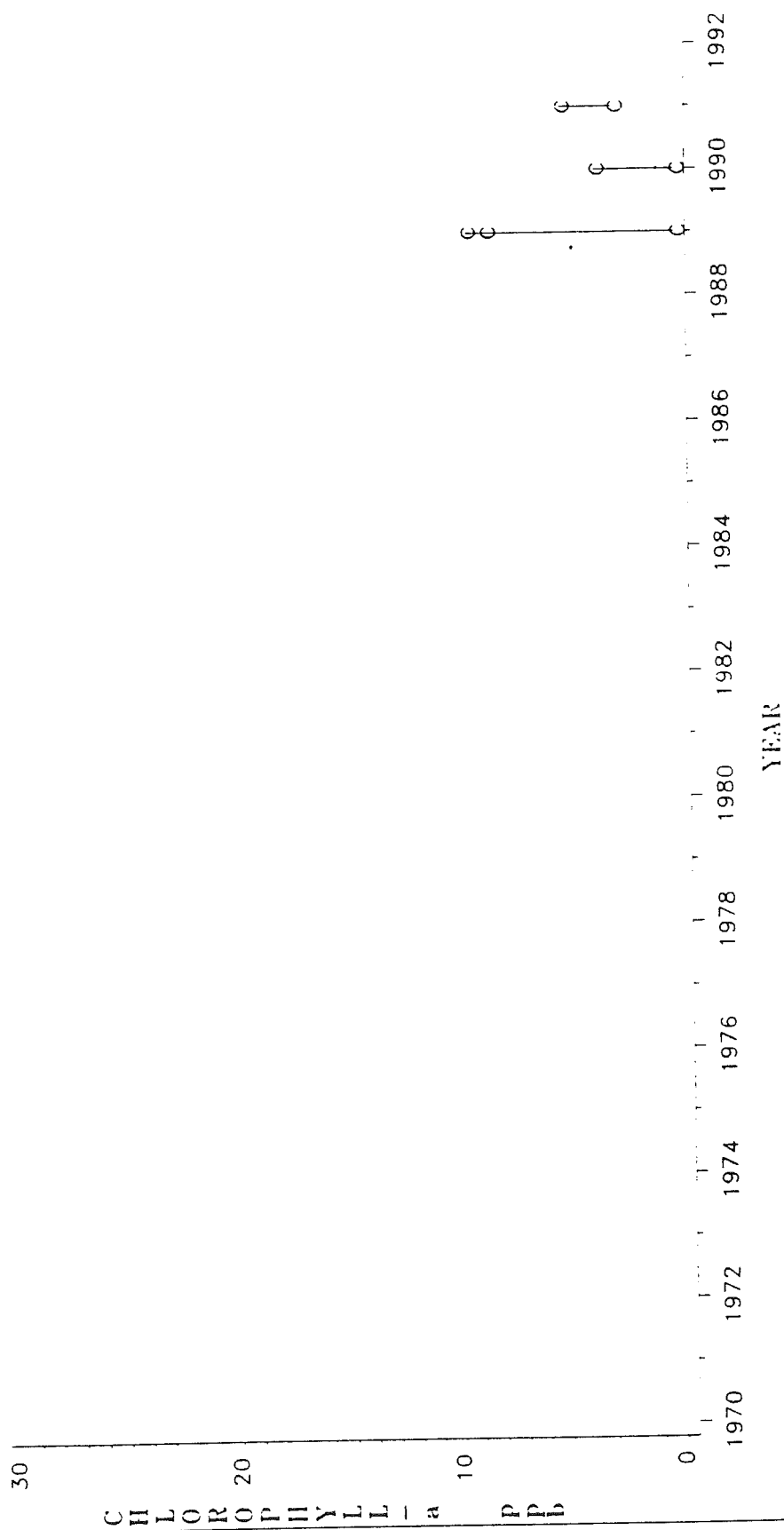
Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

Line connects means of observations for each year

INLAND BAYS ANNUAL WATER QUALITY ANALYSIS AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb) SEGMENT=RBM



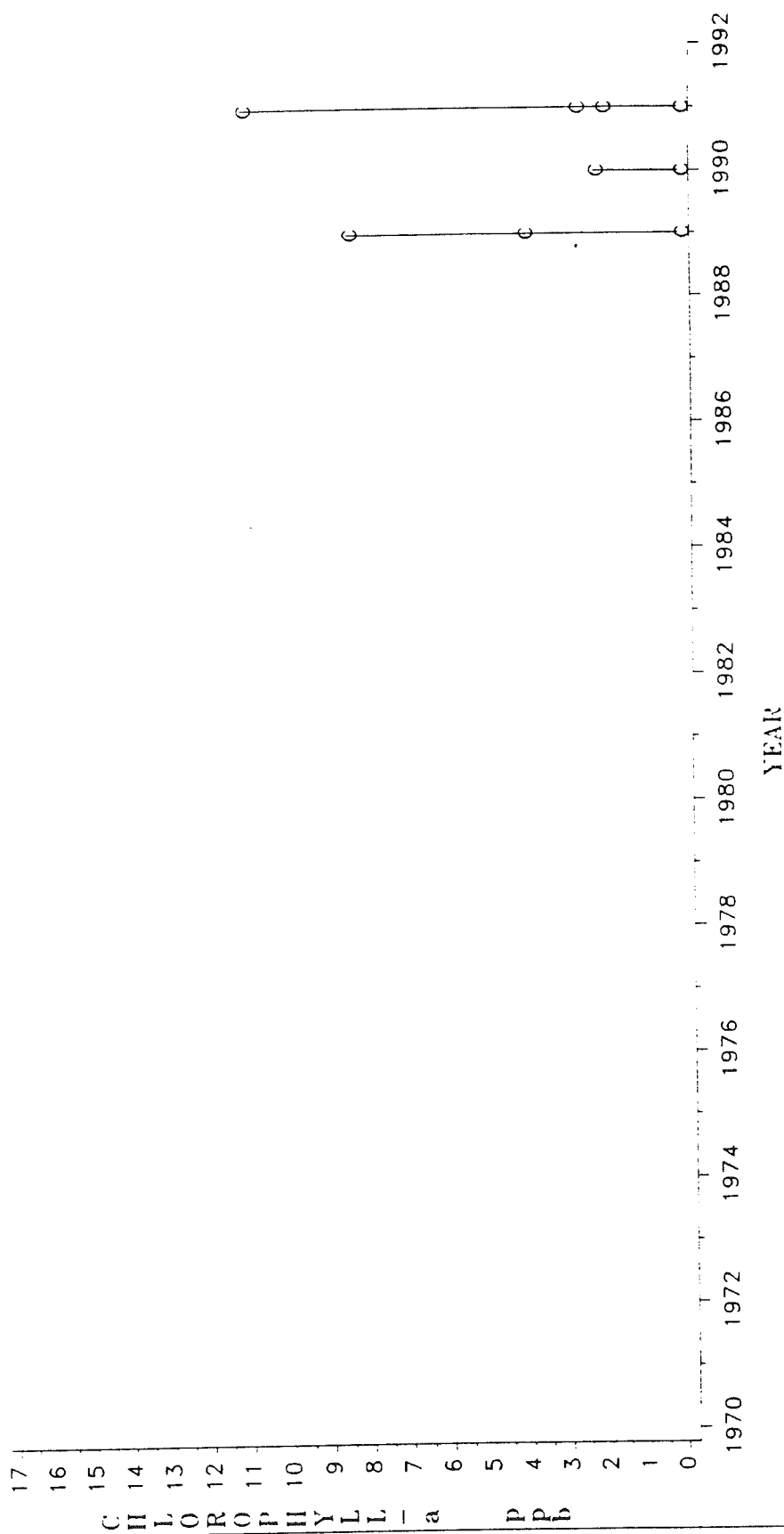
INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb)
 SEGMENT=RBS



Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

Line connects means of observations for each year

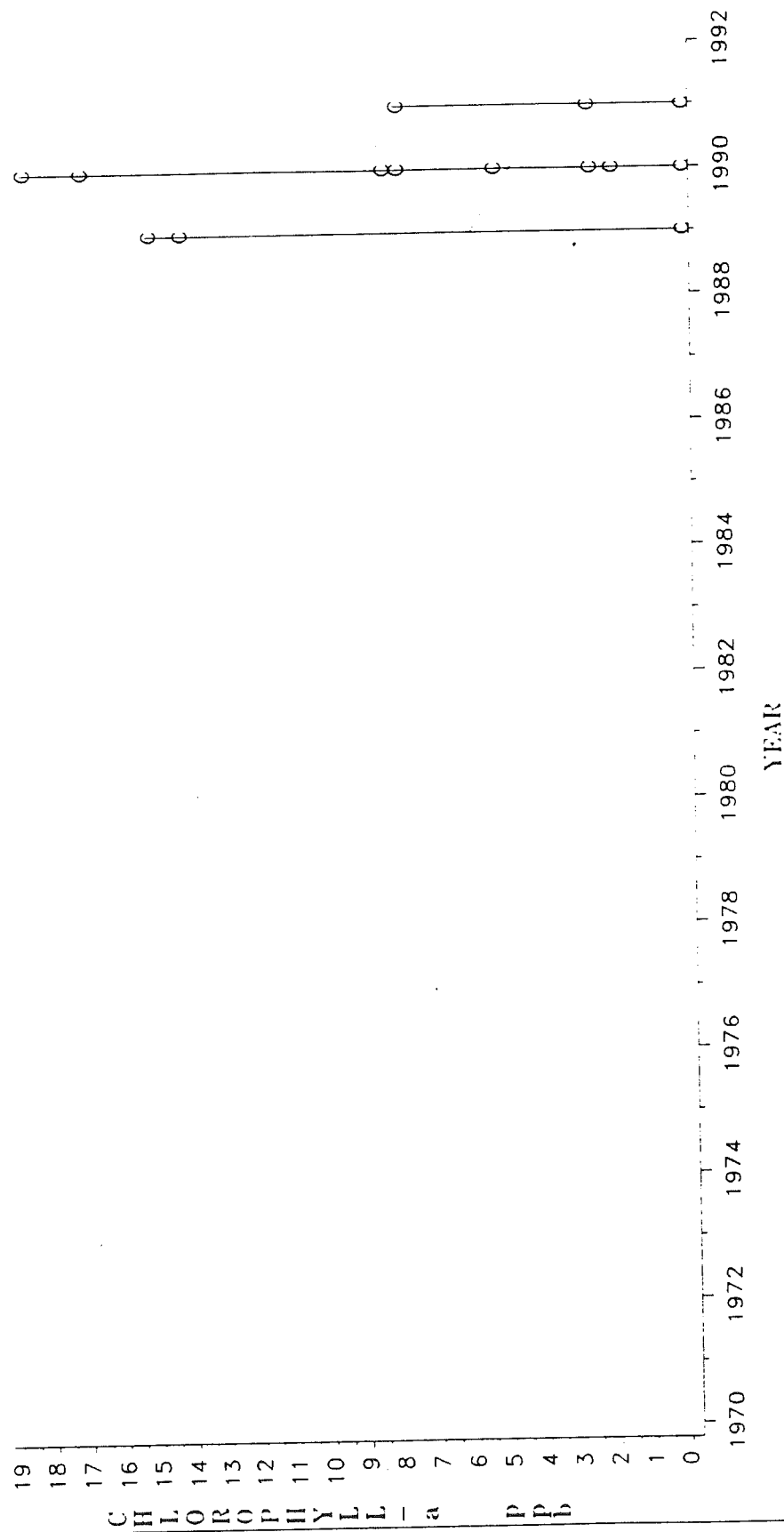
INLAND BAYS ANNUAL WATER QUALITY ANALYSIS AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb) SEGMENT=MD



Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

Lines connect means of observations for each year

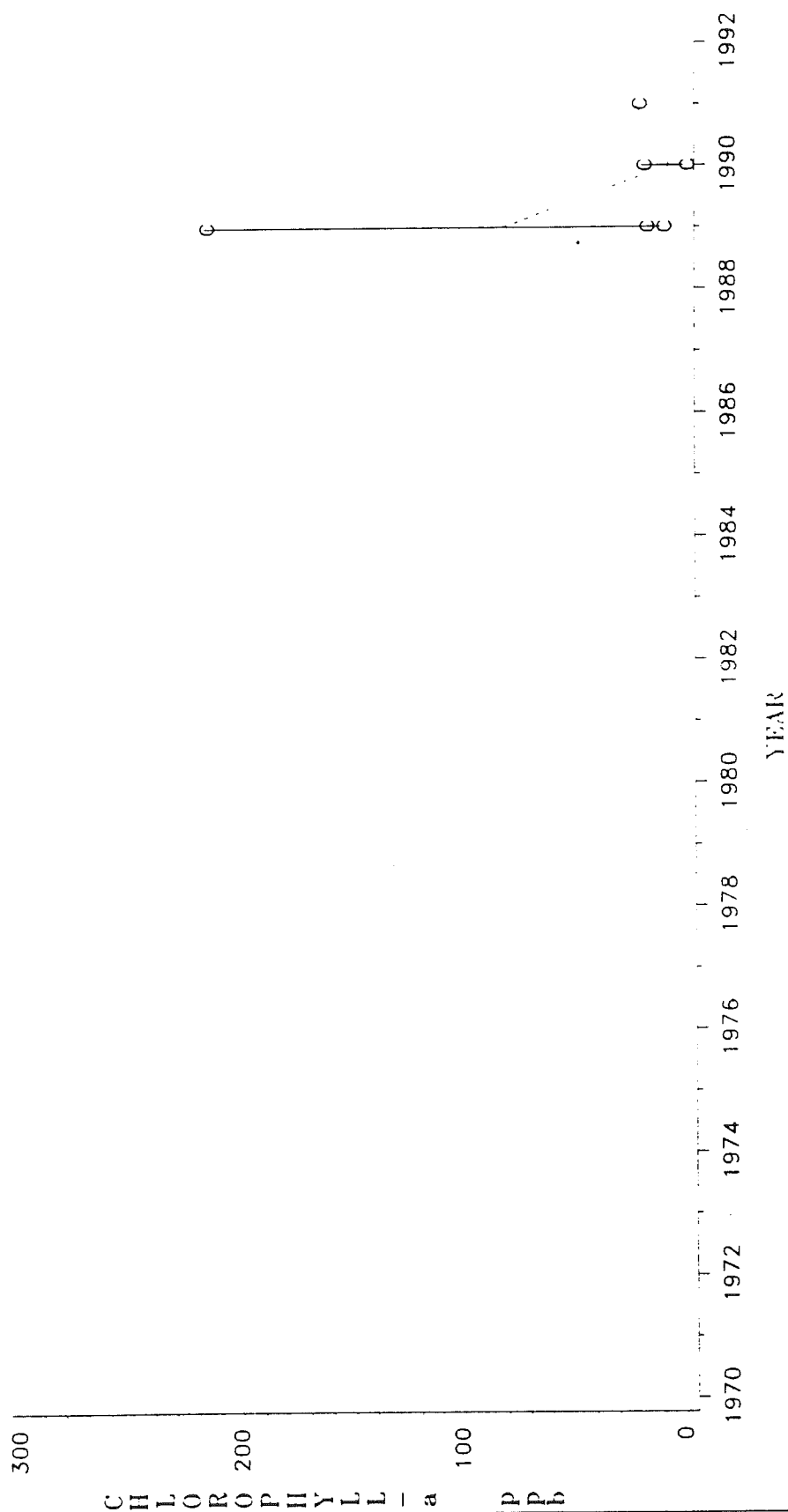
INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb)
 SEGMENT=INLE



Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

Line shows trend of chlorophyll-a for each year

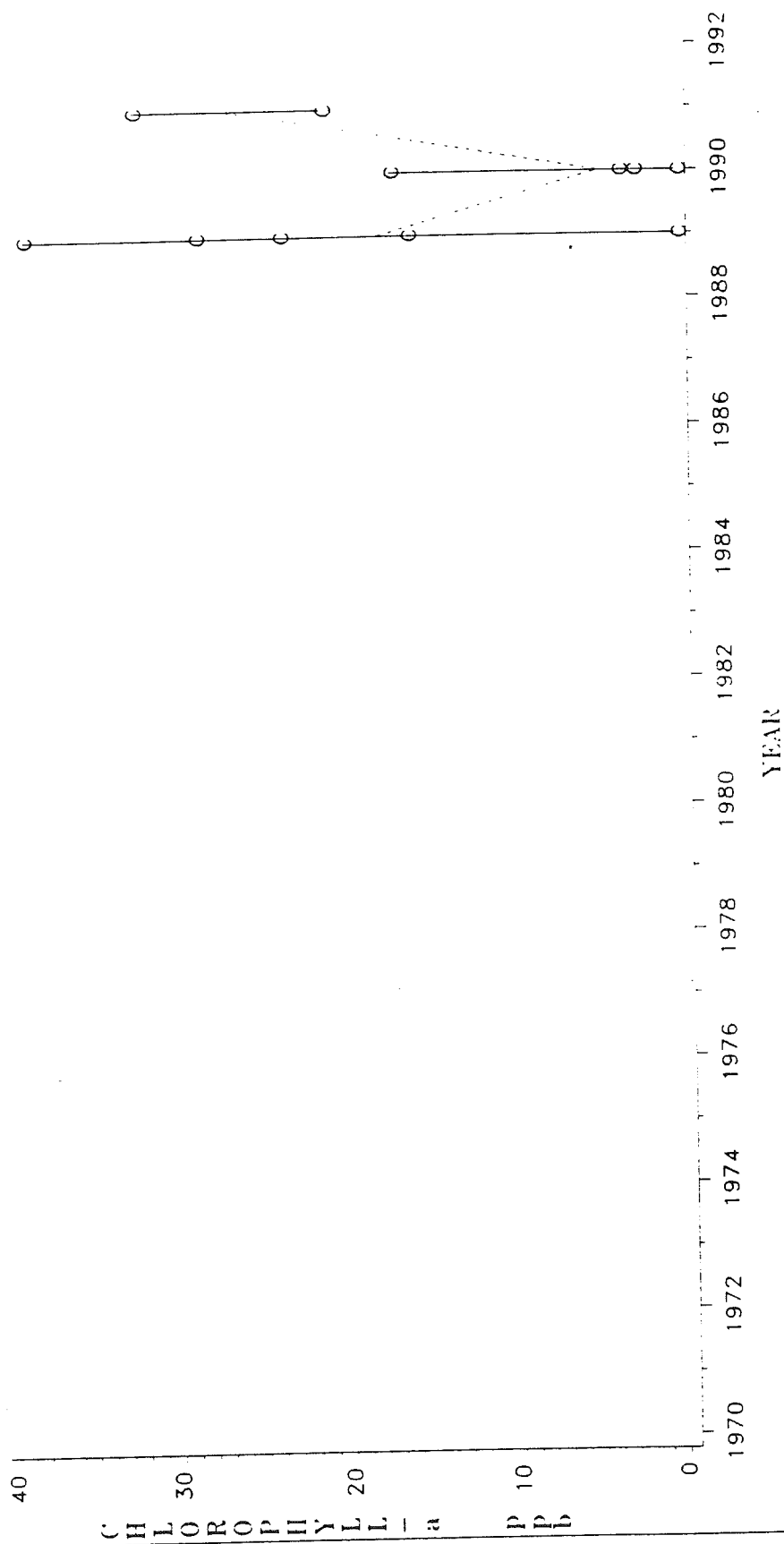
INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb)
 SEGMENT=LAN



Chlorophyll-a, ppb (c) Chlorophyll-a uncorrected, ppb (u)

Time series of observations for each year

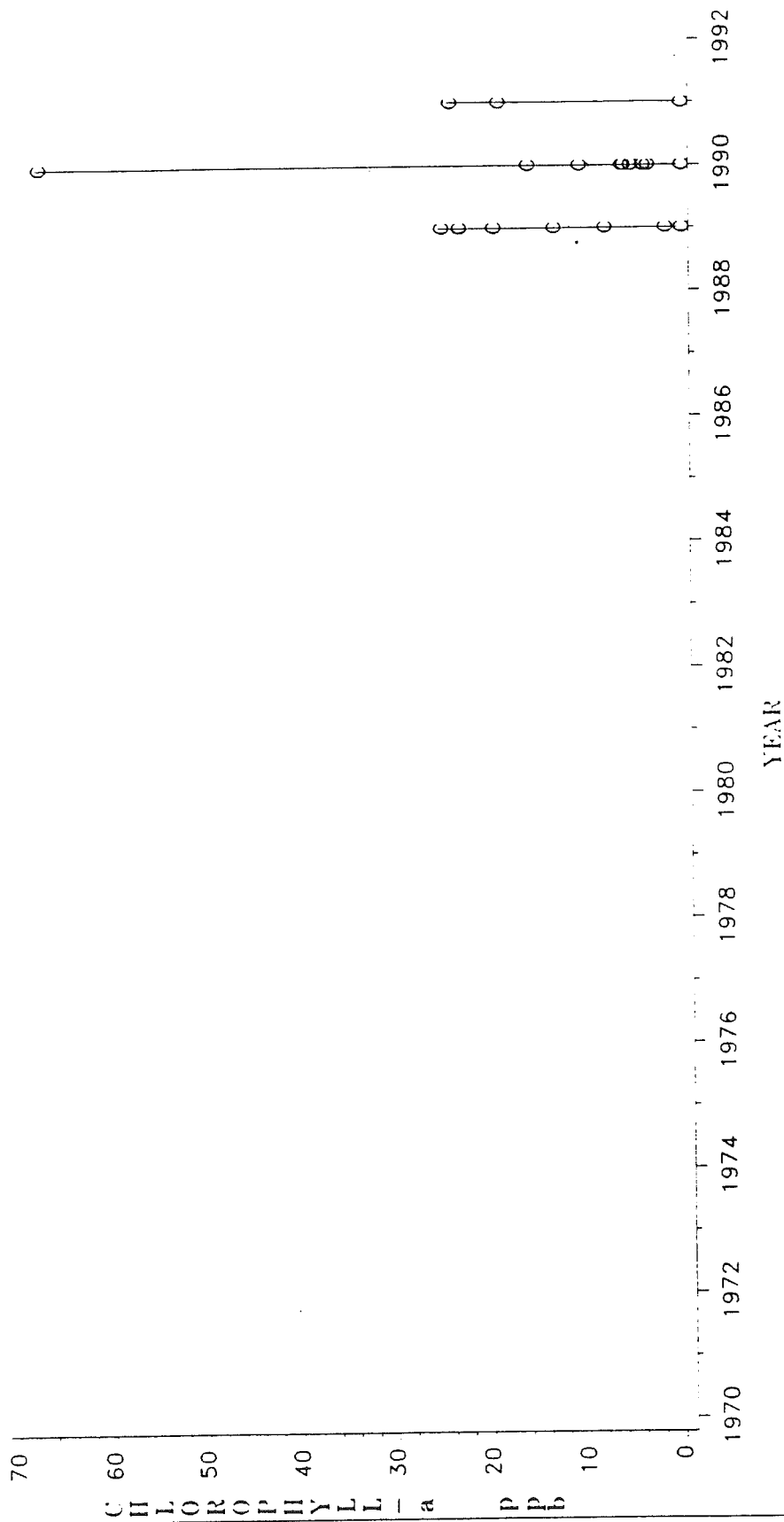
INLAND BAYS ANNUAL WATER QUALITY ANALYSIS AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb) SEGMENT=LAM



Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

The figure shows the annual mean of chlorophyll-a (ppb) in year

INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb)
 SEGMENT=IAS



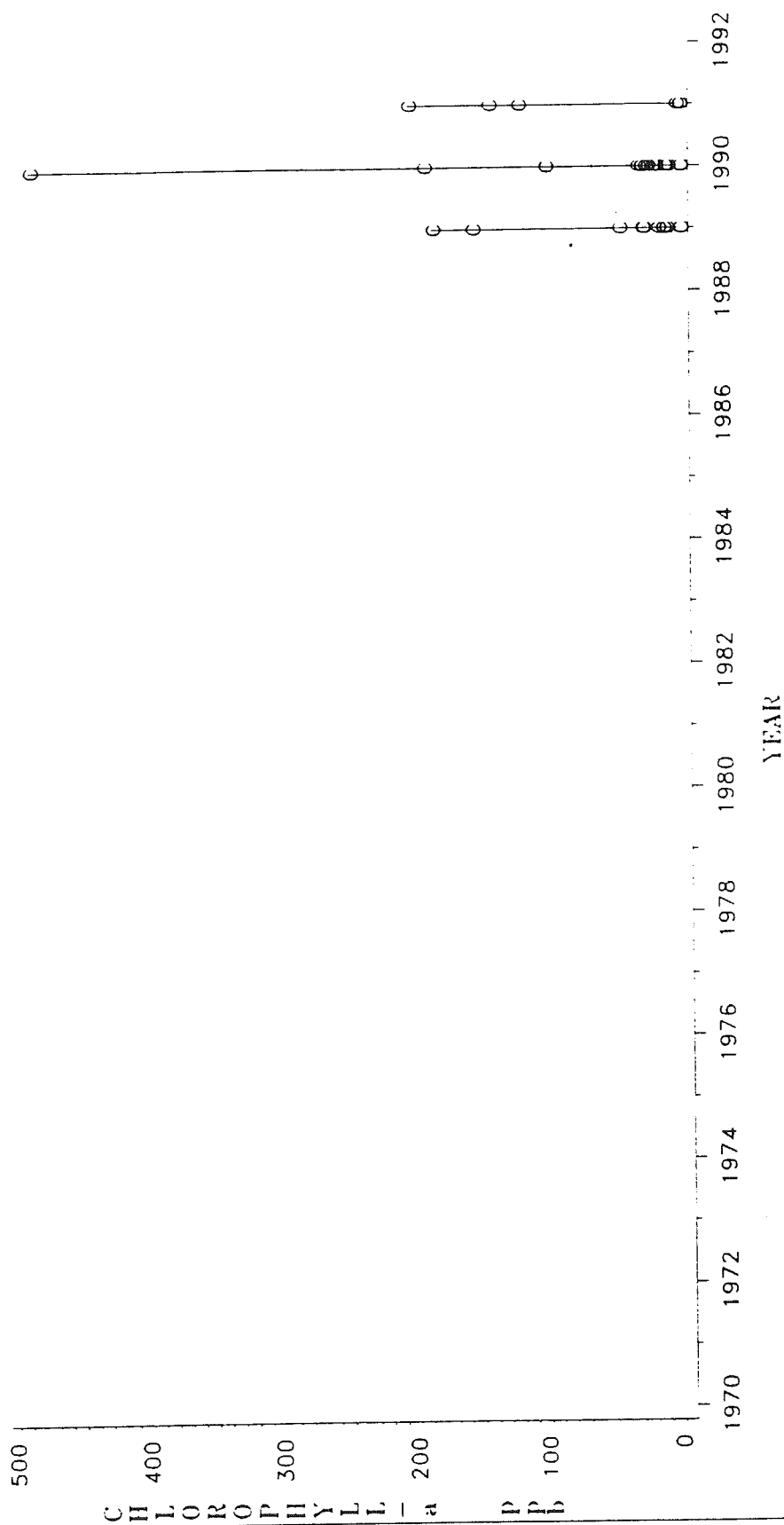
Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

Line connects means of observations for each year

INLAND BAYS ANNUAL WATER QUALITY ANALYSIS

AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb)

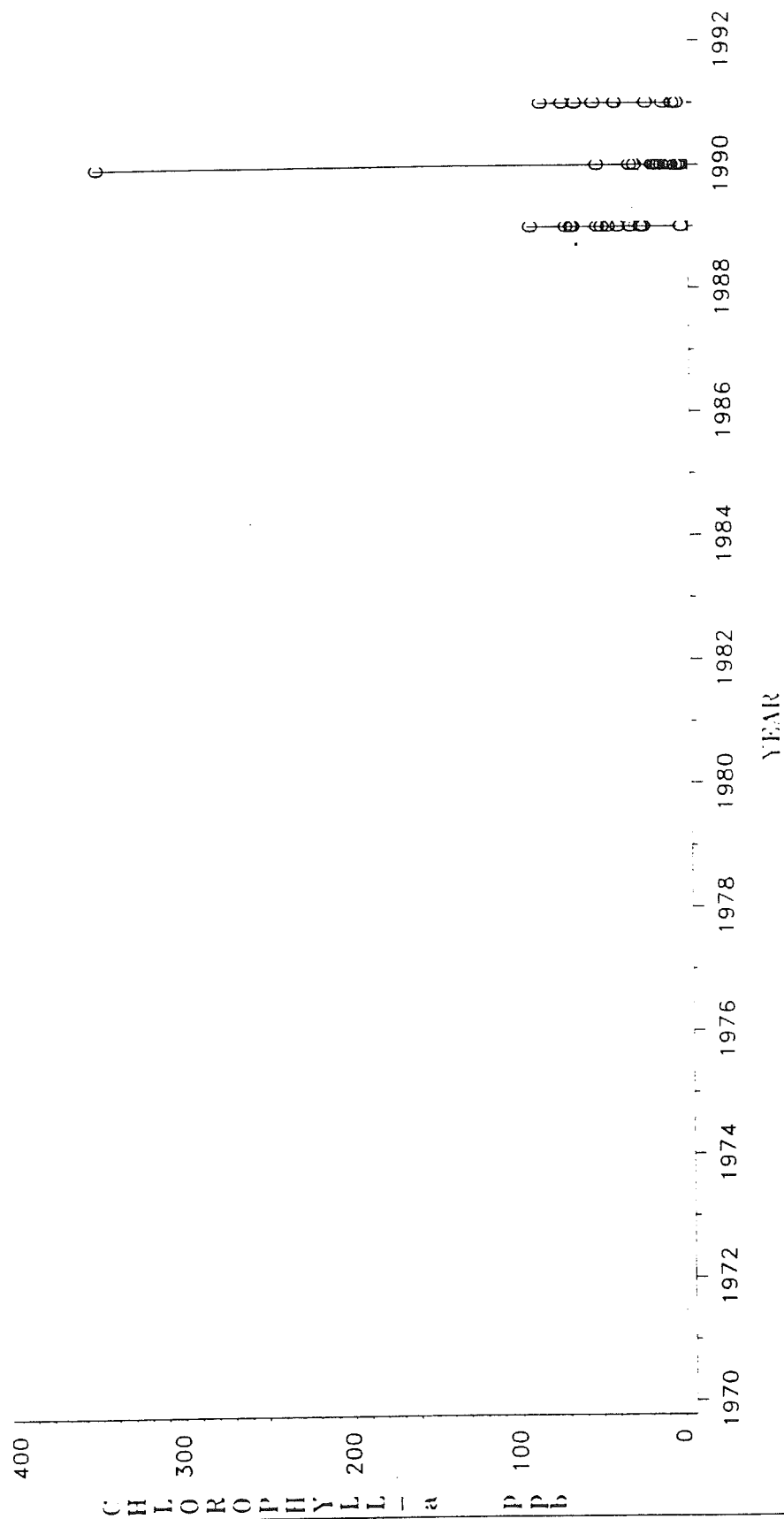
SEGMENT=IRU



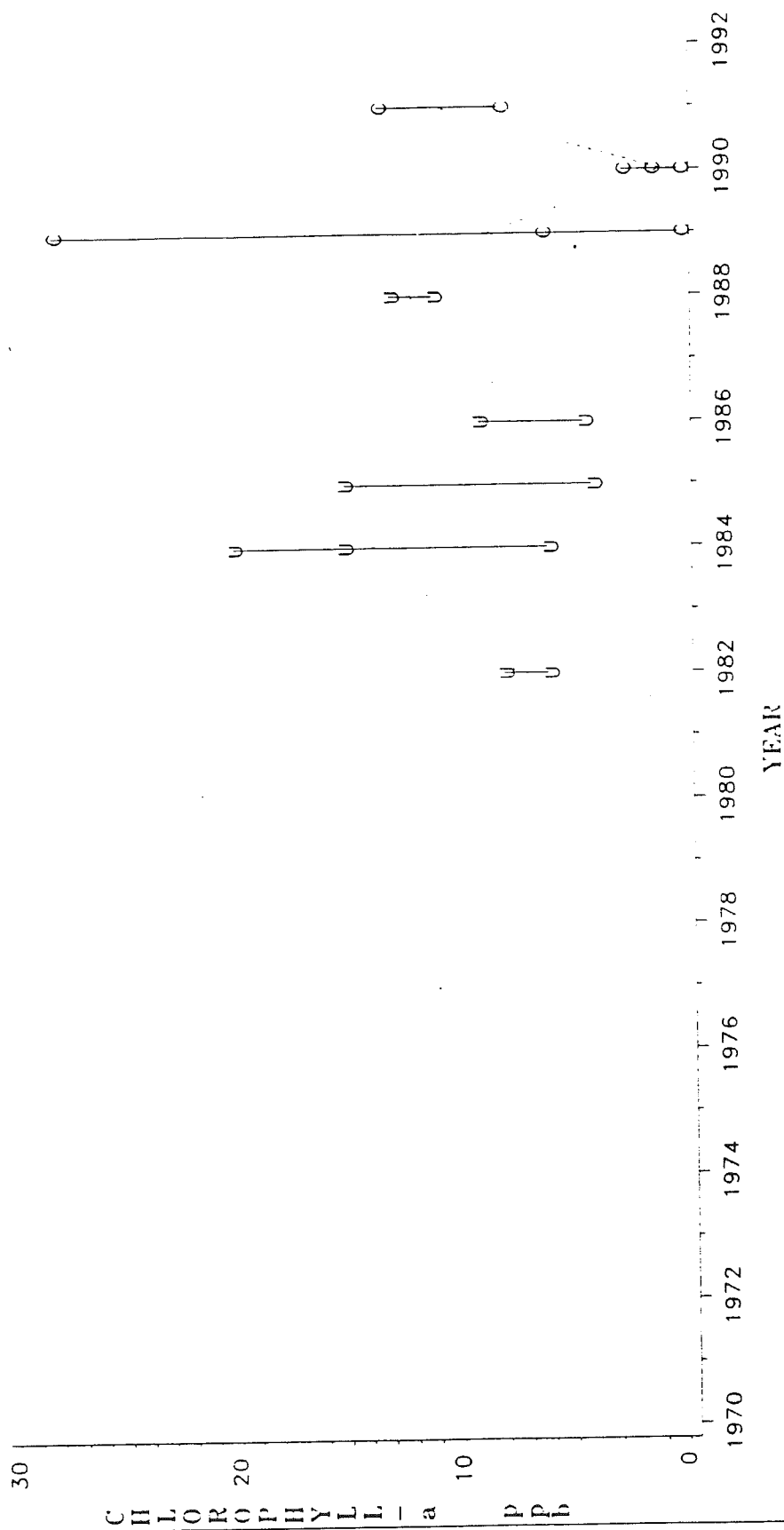
Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

Lines connect means of observations for each year

INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb)
 SEGMENT=IRM



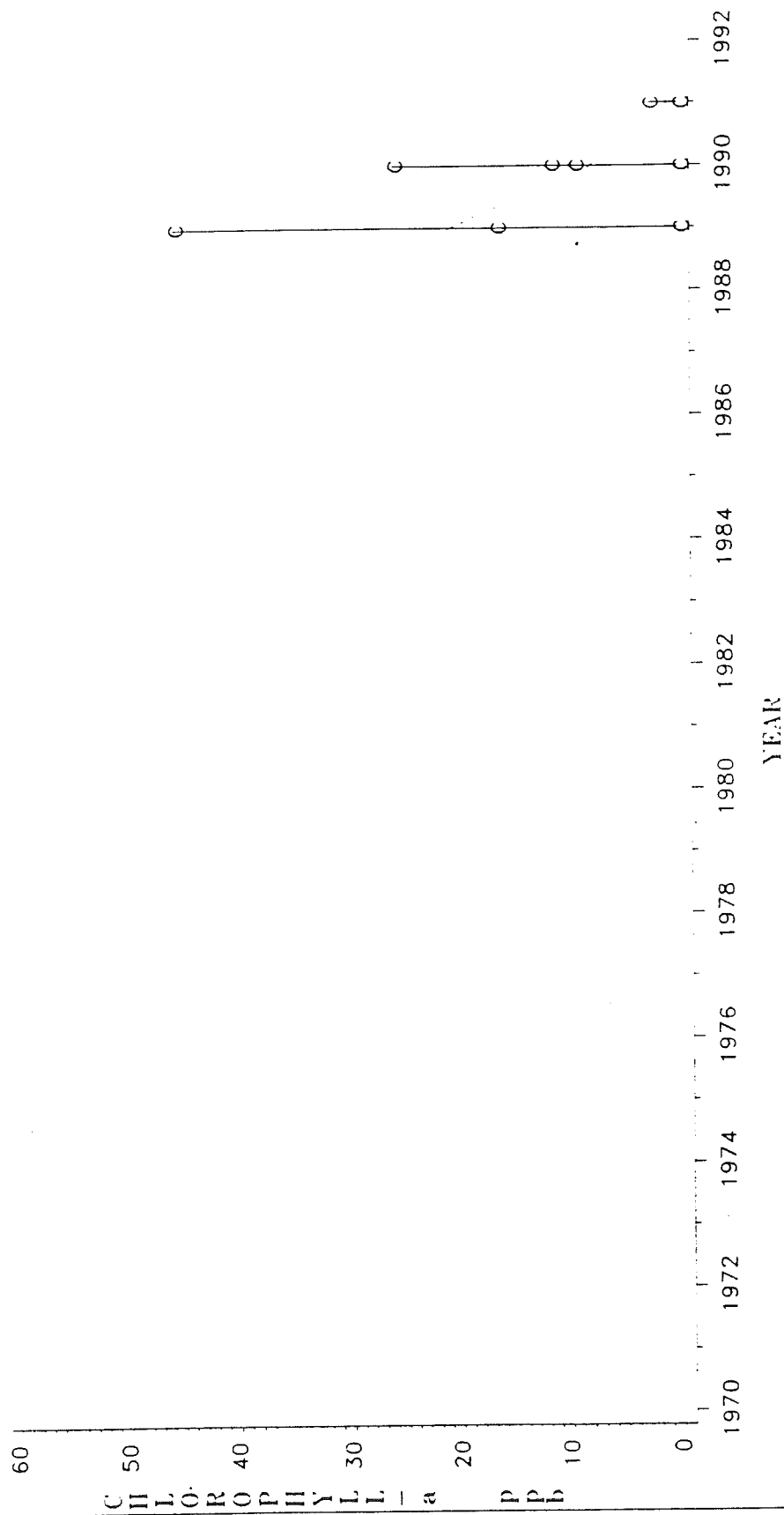
INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb)
 SEGMENT=IRL



Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

Line connects means of observations for each year

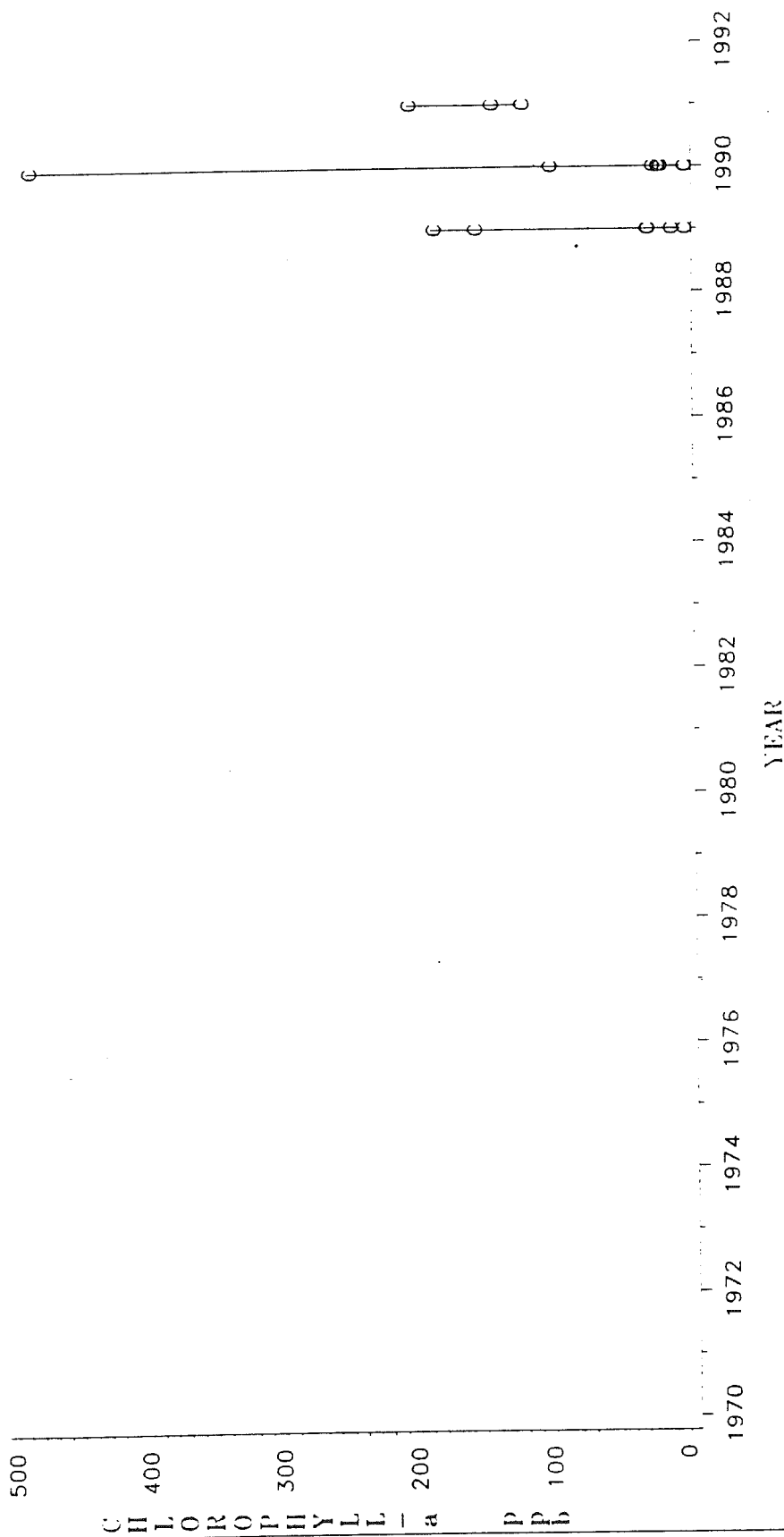
INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb)
 SEASON=Spring SEGMENT=IRU



Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

Lines connect means of observations over the season for each year

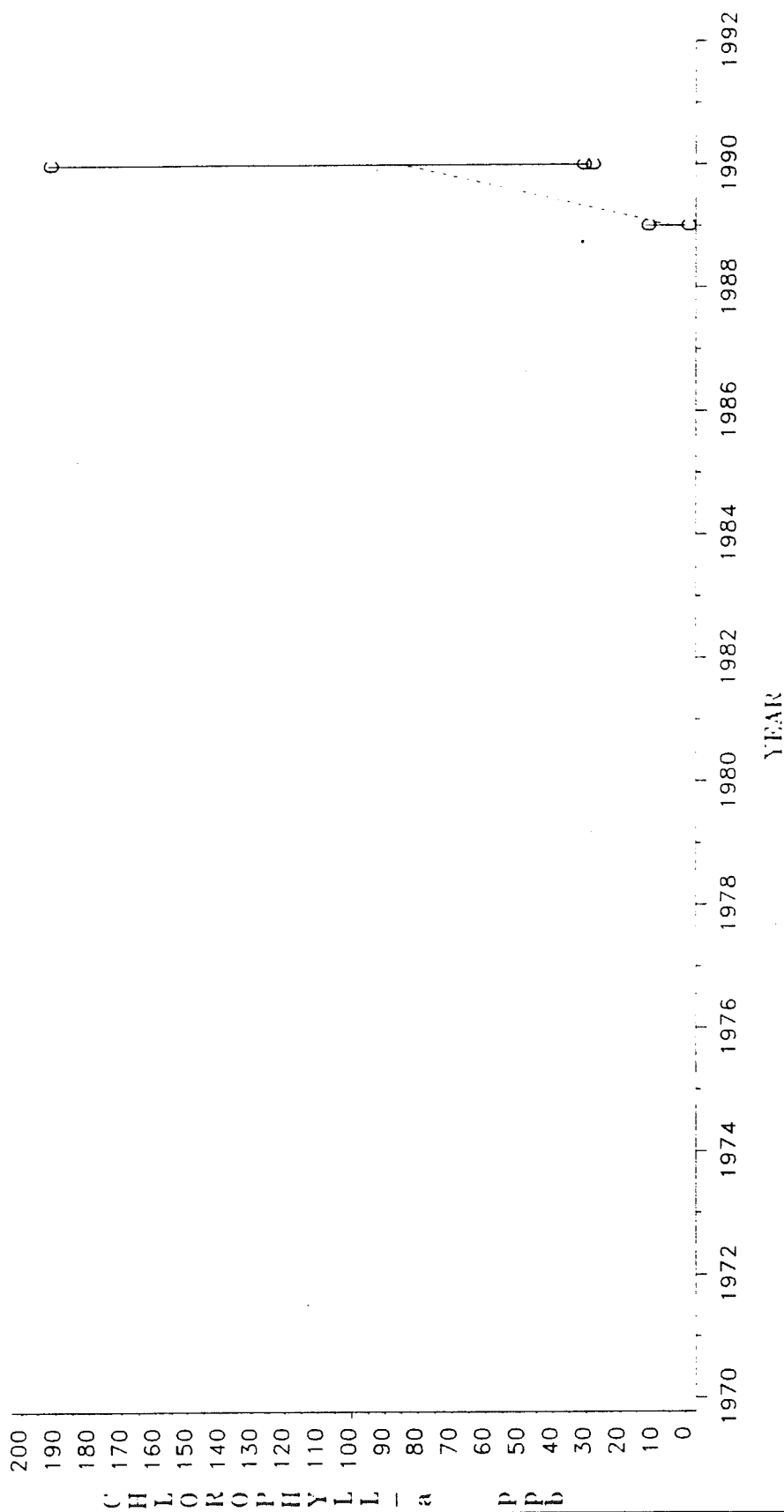
INLAND BAYS SEASONAL WATER QUALITY ANALYSIS AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb) SEASON=Summer SEGMENT=IRU



Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

Lines connect 4 means of observations over the segment for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 AMBIENT CHLOROPHYLL-a CORRECTED AND UNCORRECTED (ppb)
 SEASON=Autumn SEGMENT=IRU



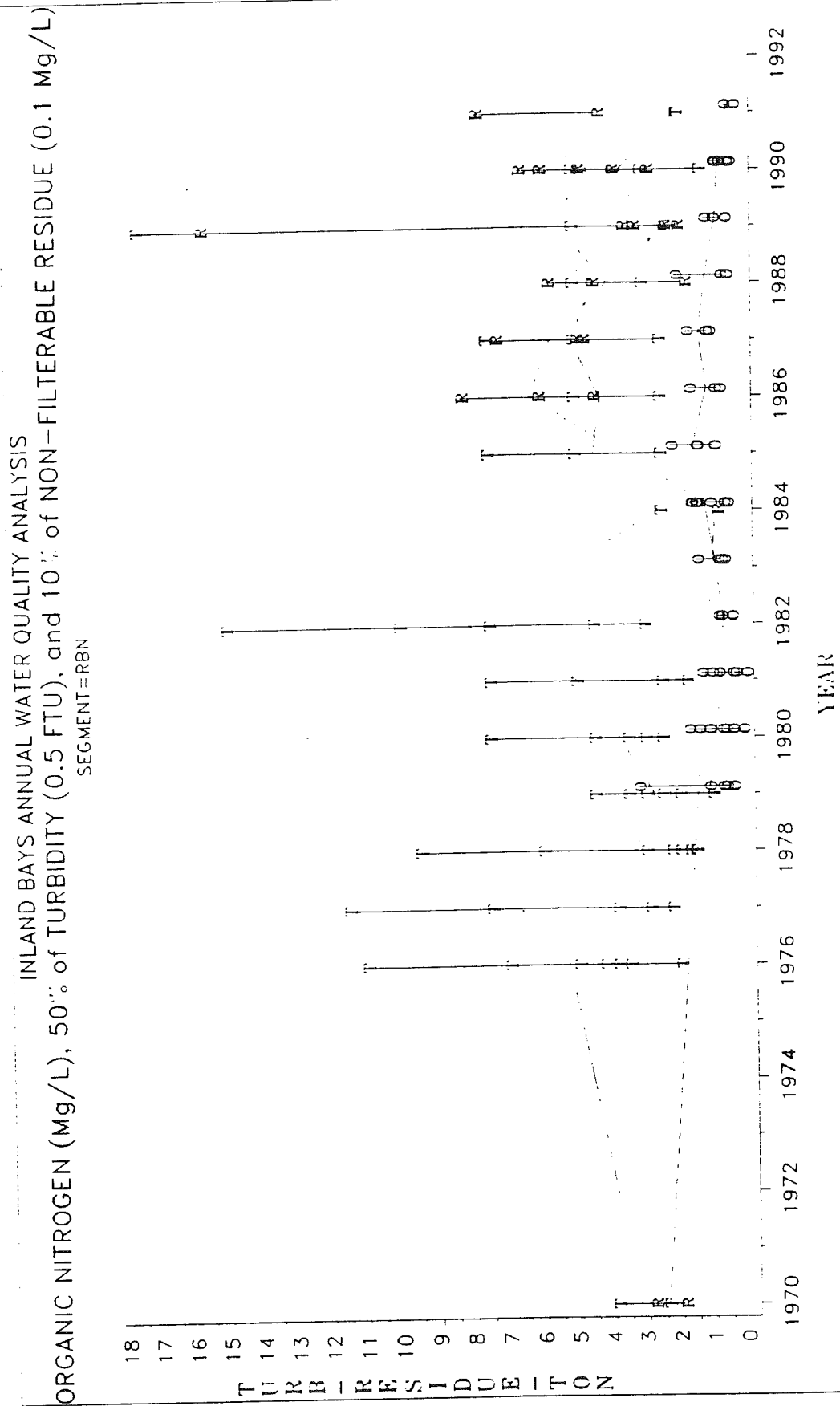
Chlorophyll-a, ppb (C) Chlorophyll-a uncorrected, ppb (U)

Lines connect the end of of segment to start the segment for each year

APPENDIX 2.12

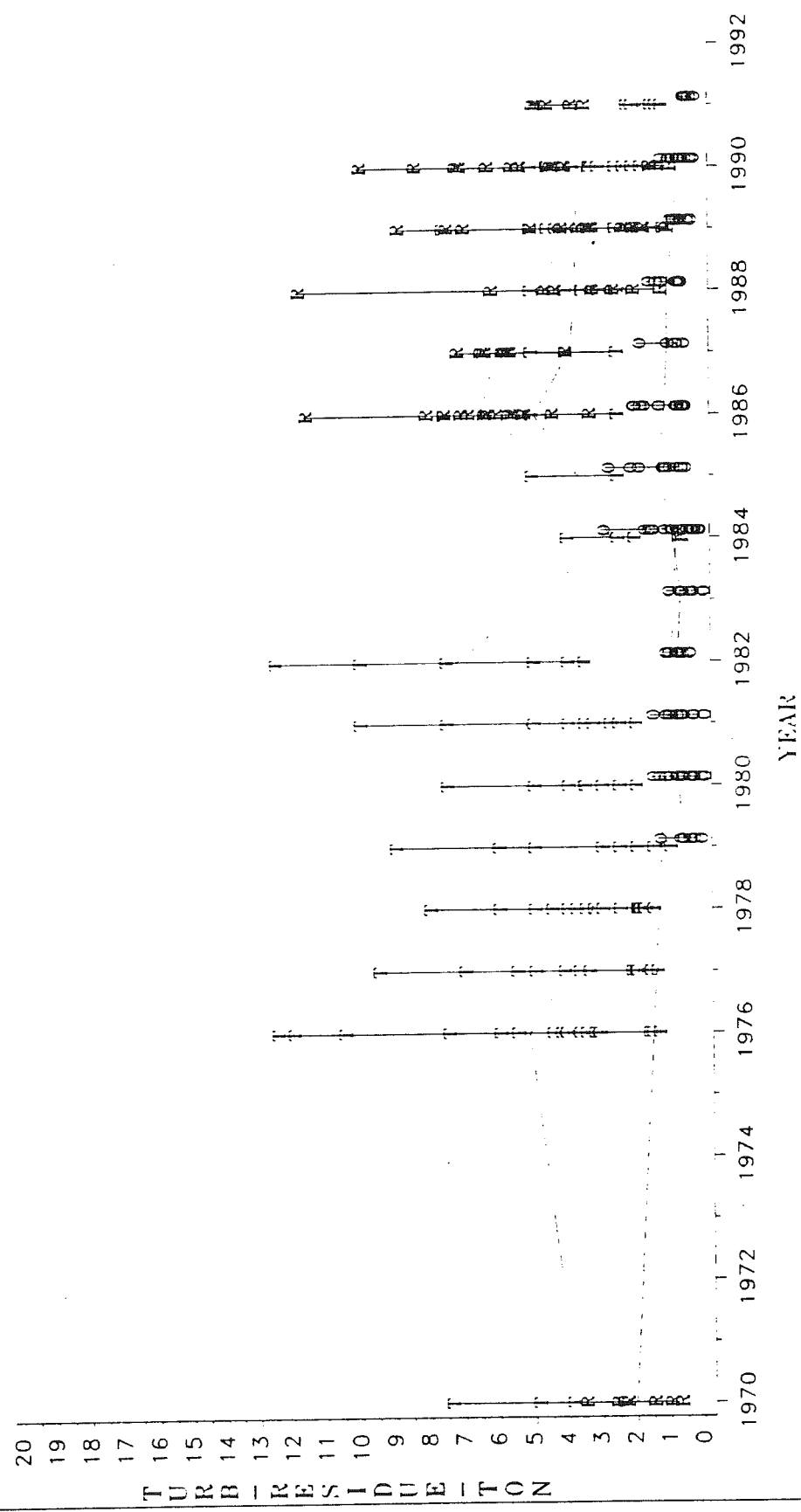
- **Annual and seasonal plots of turbidity, non-filterable residue, and organic nitrogen for the tidal waters of the Inland Bays**



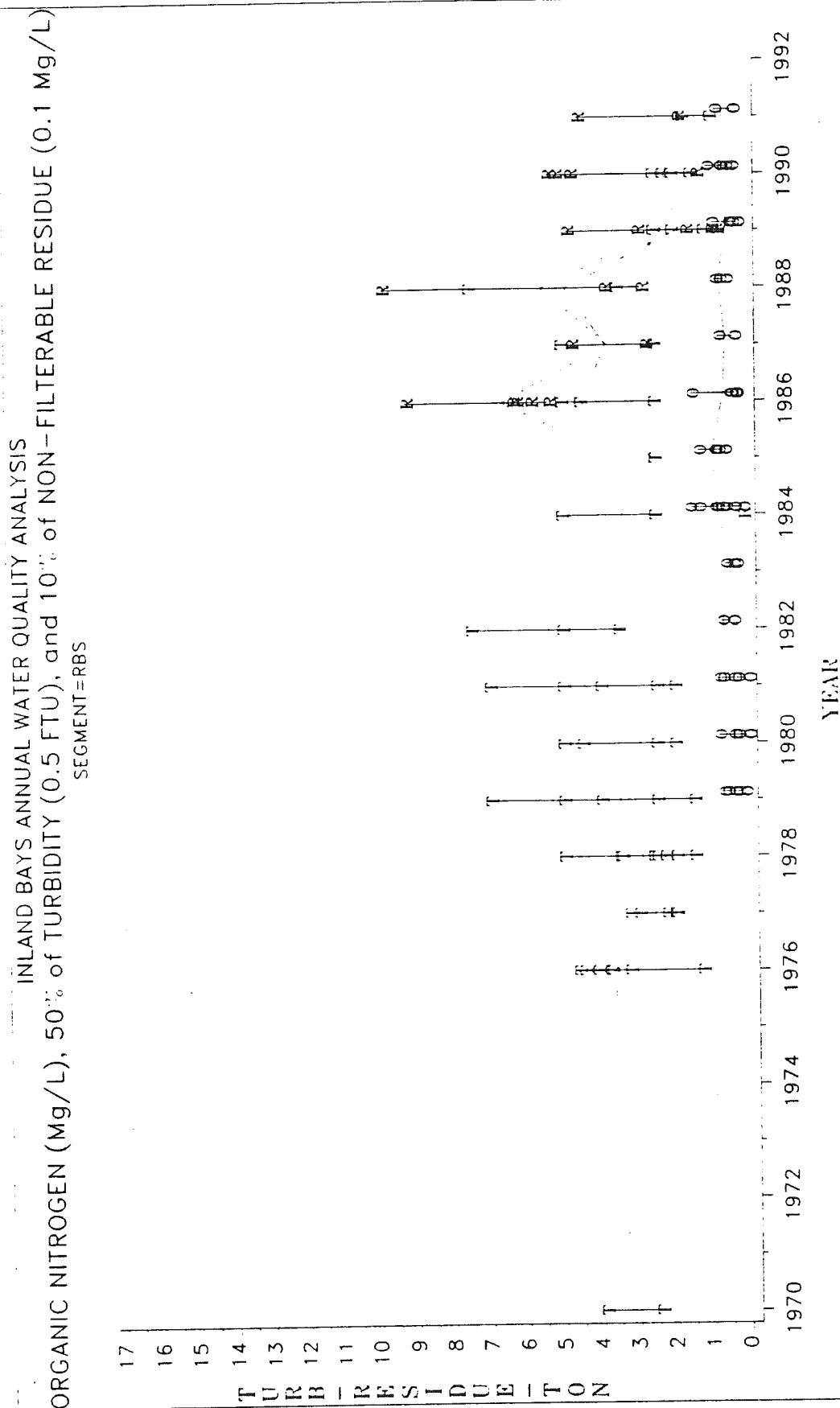


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Line connects 1 means of observations for each year

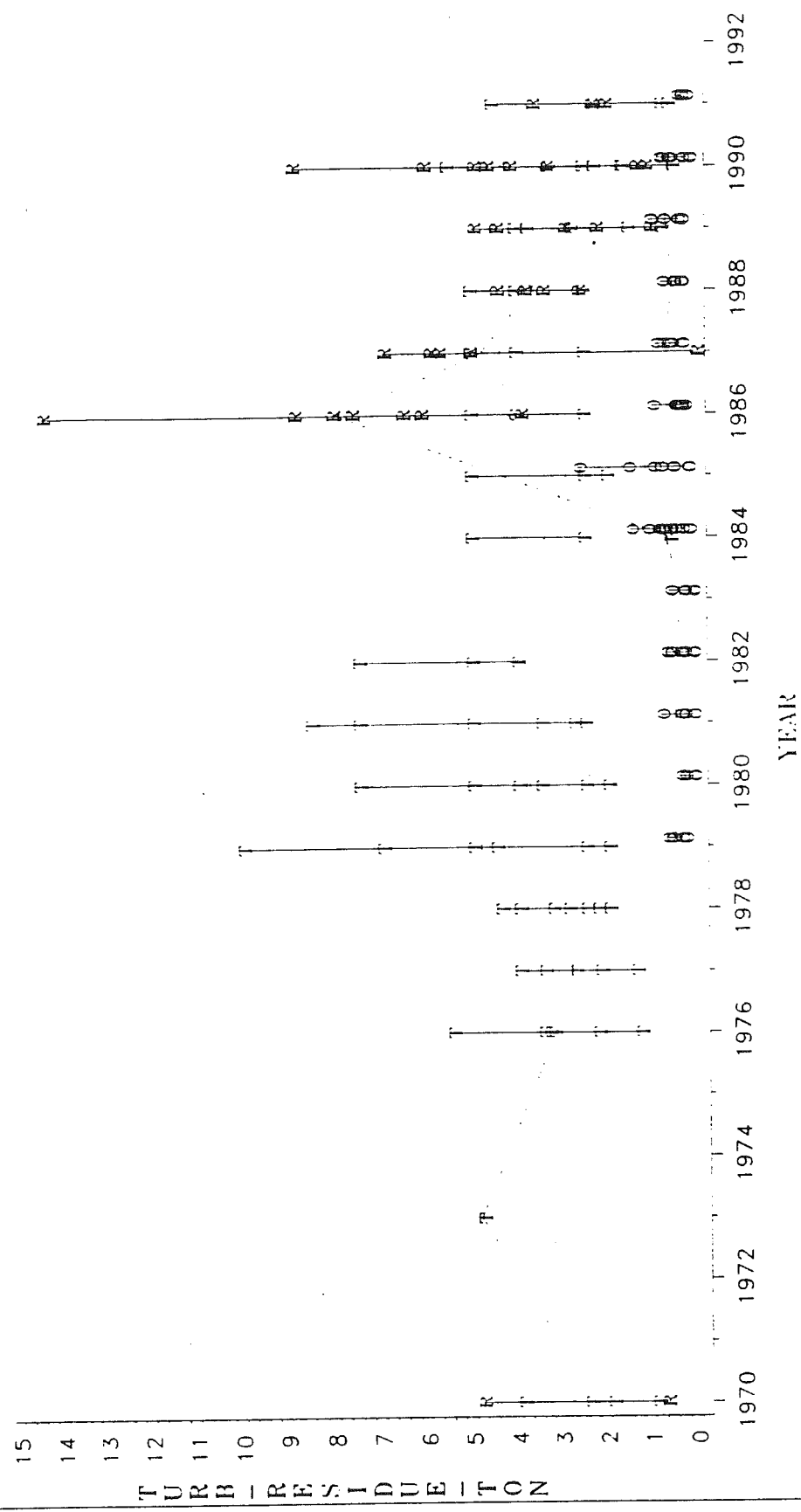
INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEGMENT=RBM



Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations for each year

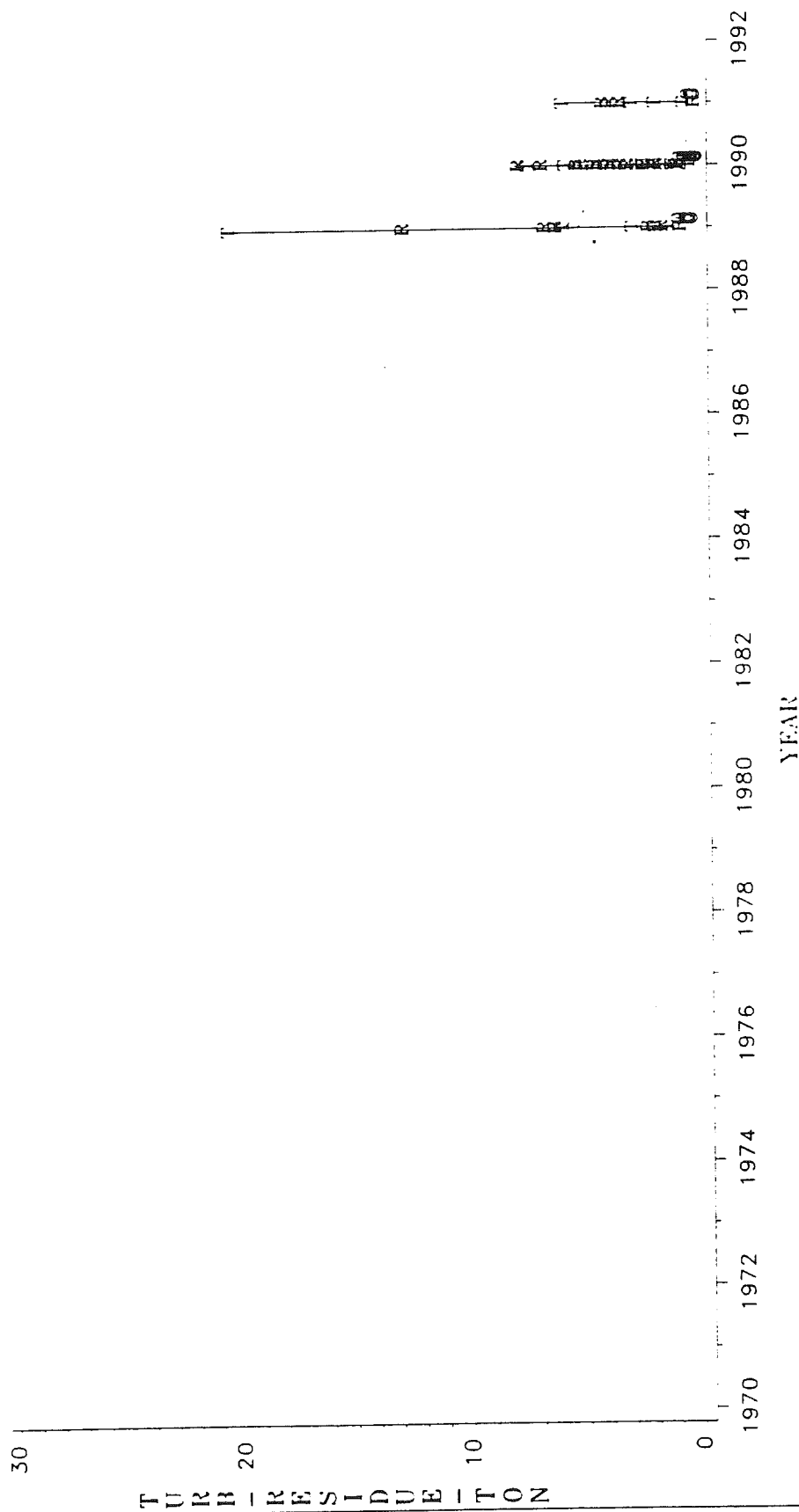


INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEGMENT=MD

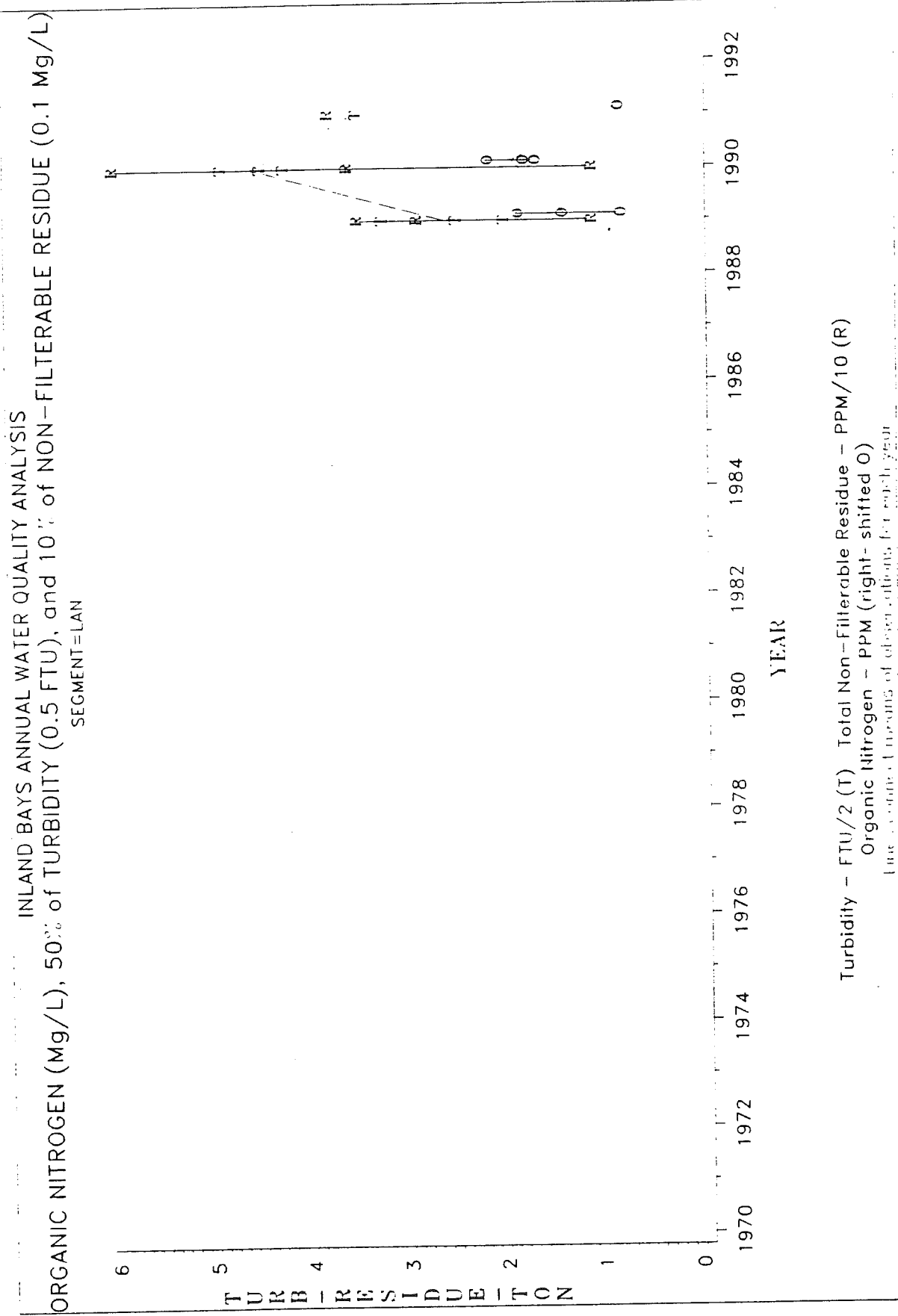


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Line connects means of 1 year intervals for each year

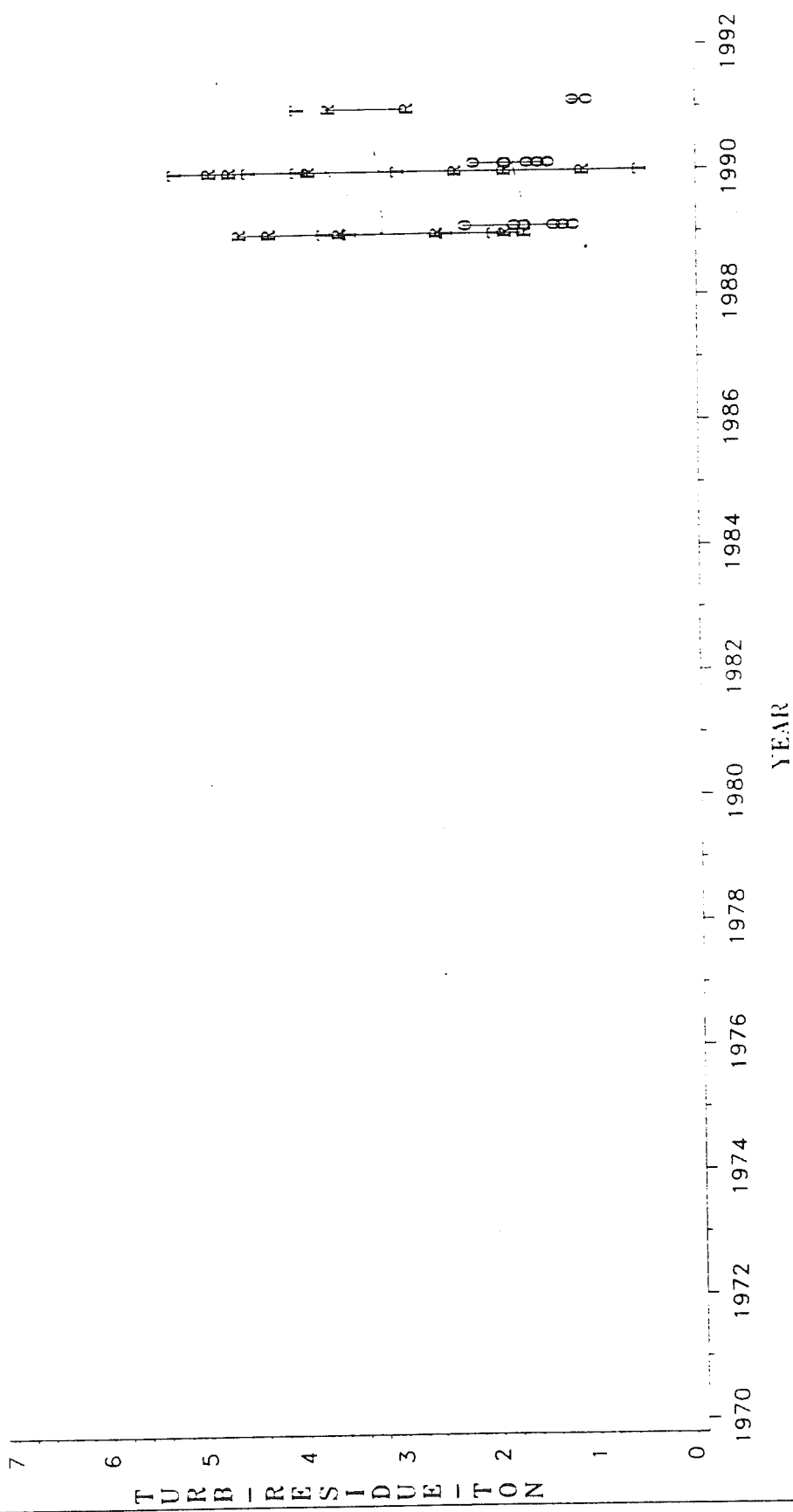
INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEGMENT=INLE



Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 The connected means of observations for each year

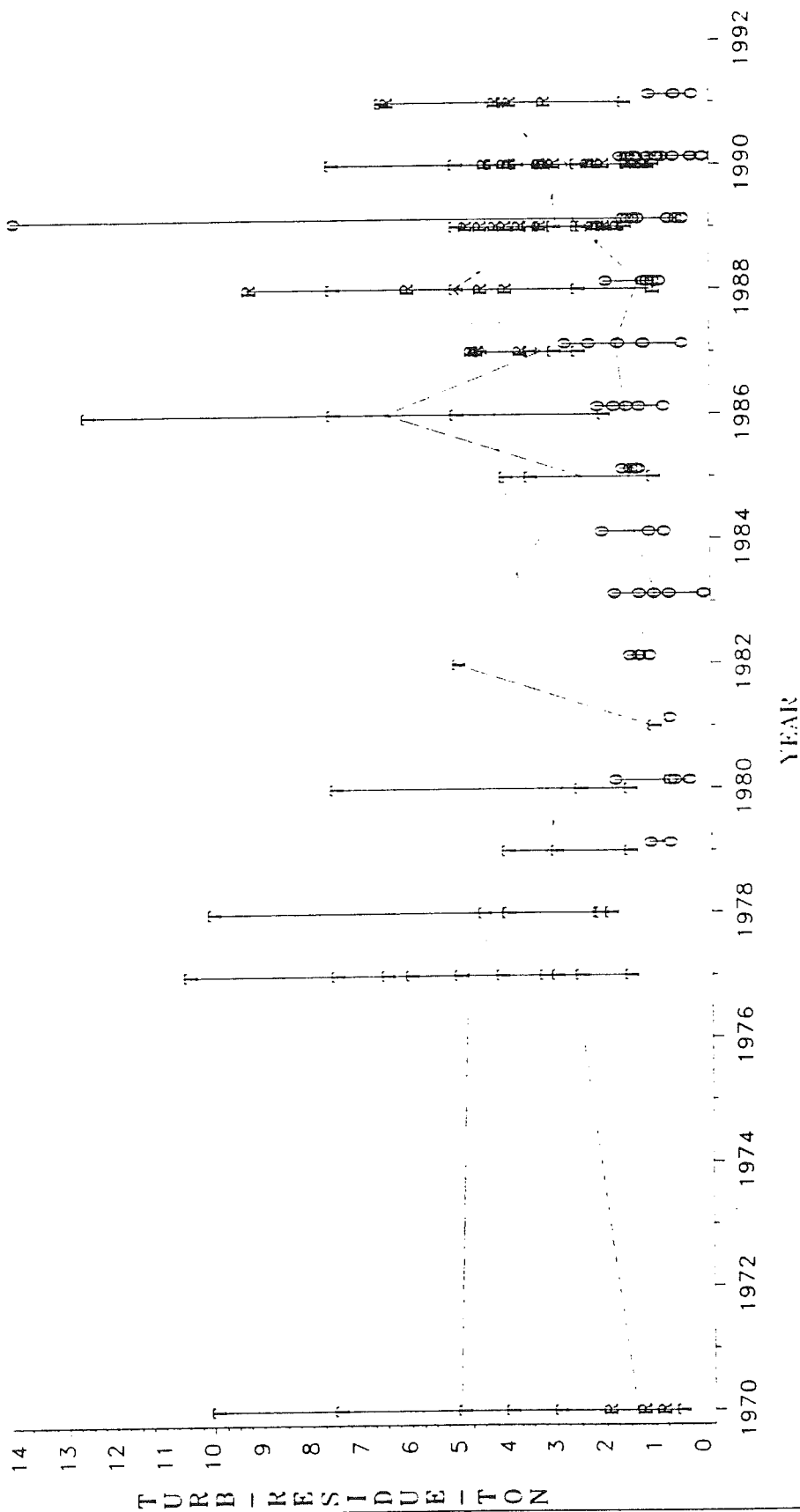


INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEGMENT=LAM

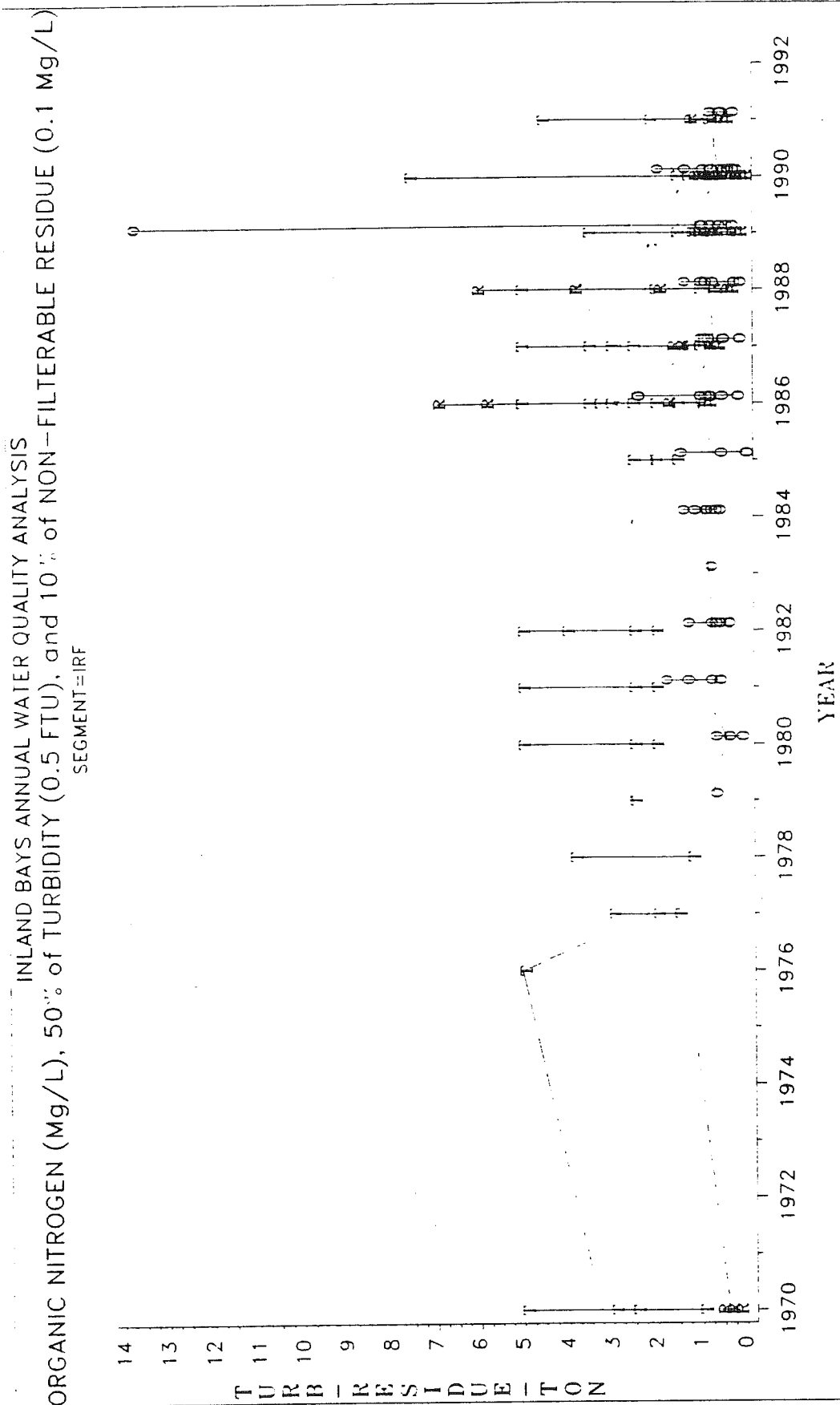


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Line - monthly means of observations for each year

INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEGMENT=LAS

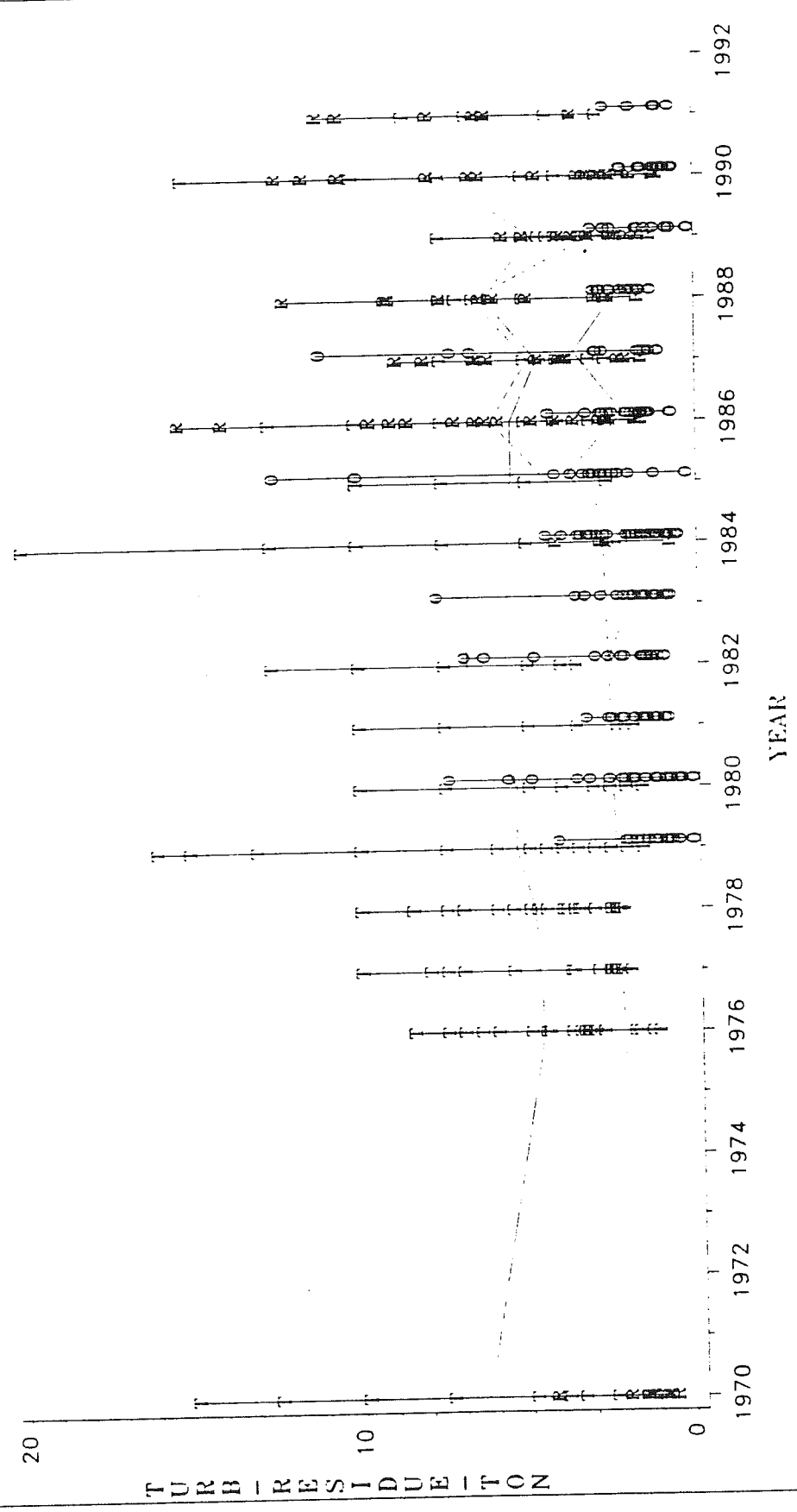


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Line connects (means) of observations for each year

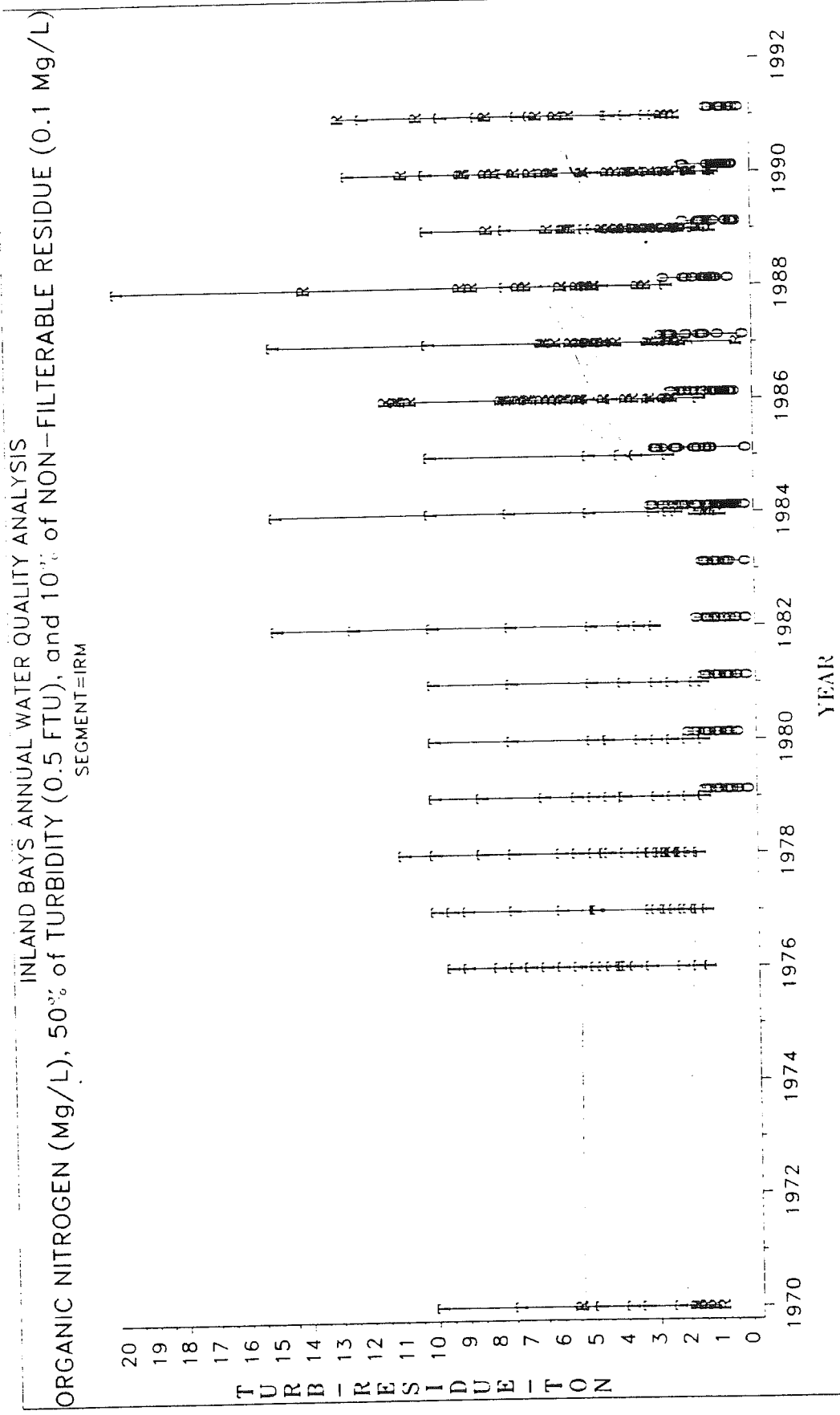


Turbidity - FTU/2 (1) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted 0)
 Line connects means of observations for each year

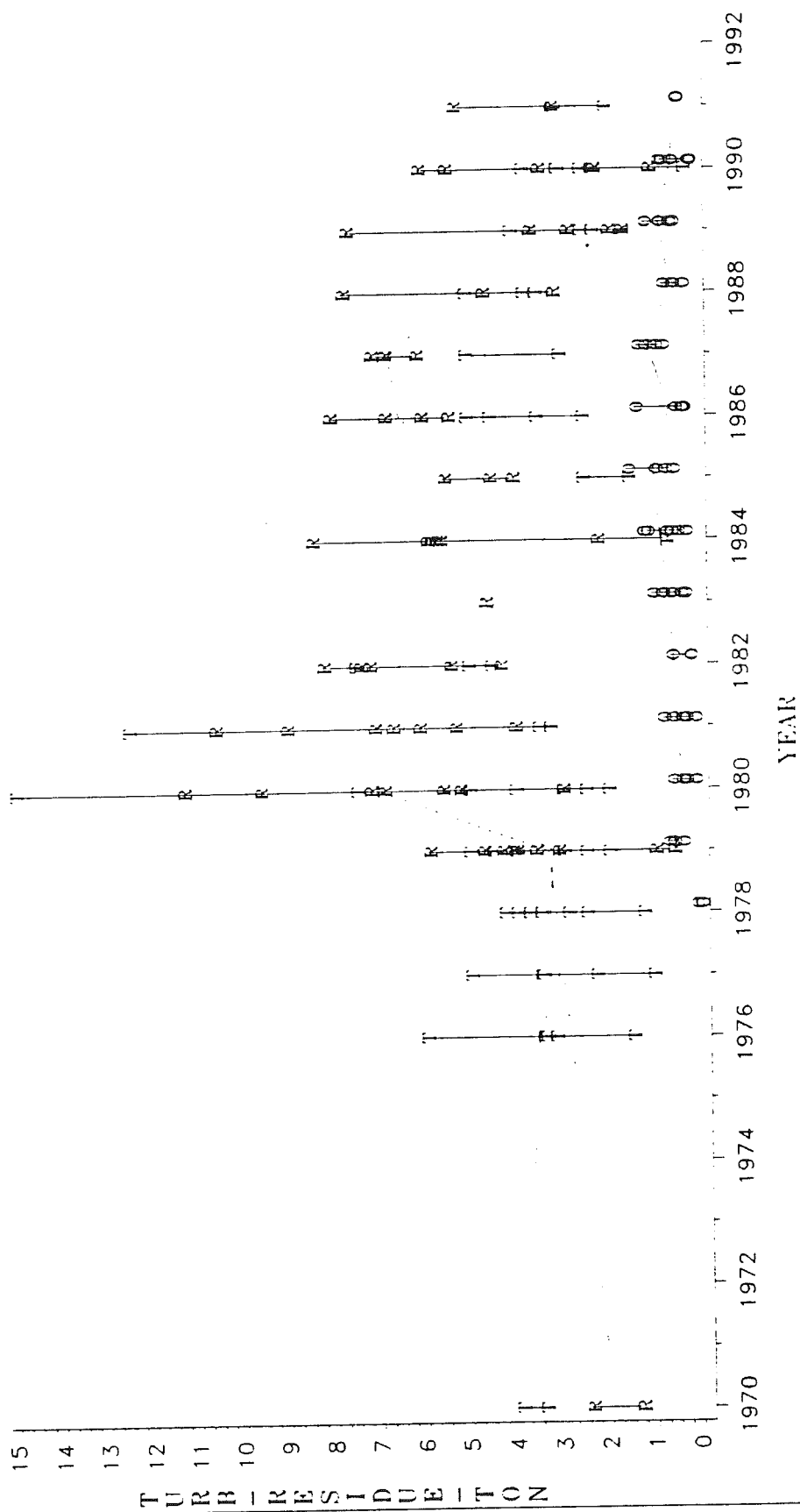
INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEGMENT=IRU



Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect turnings of observations for each year

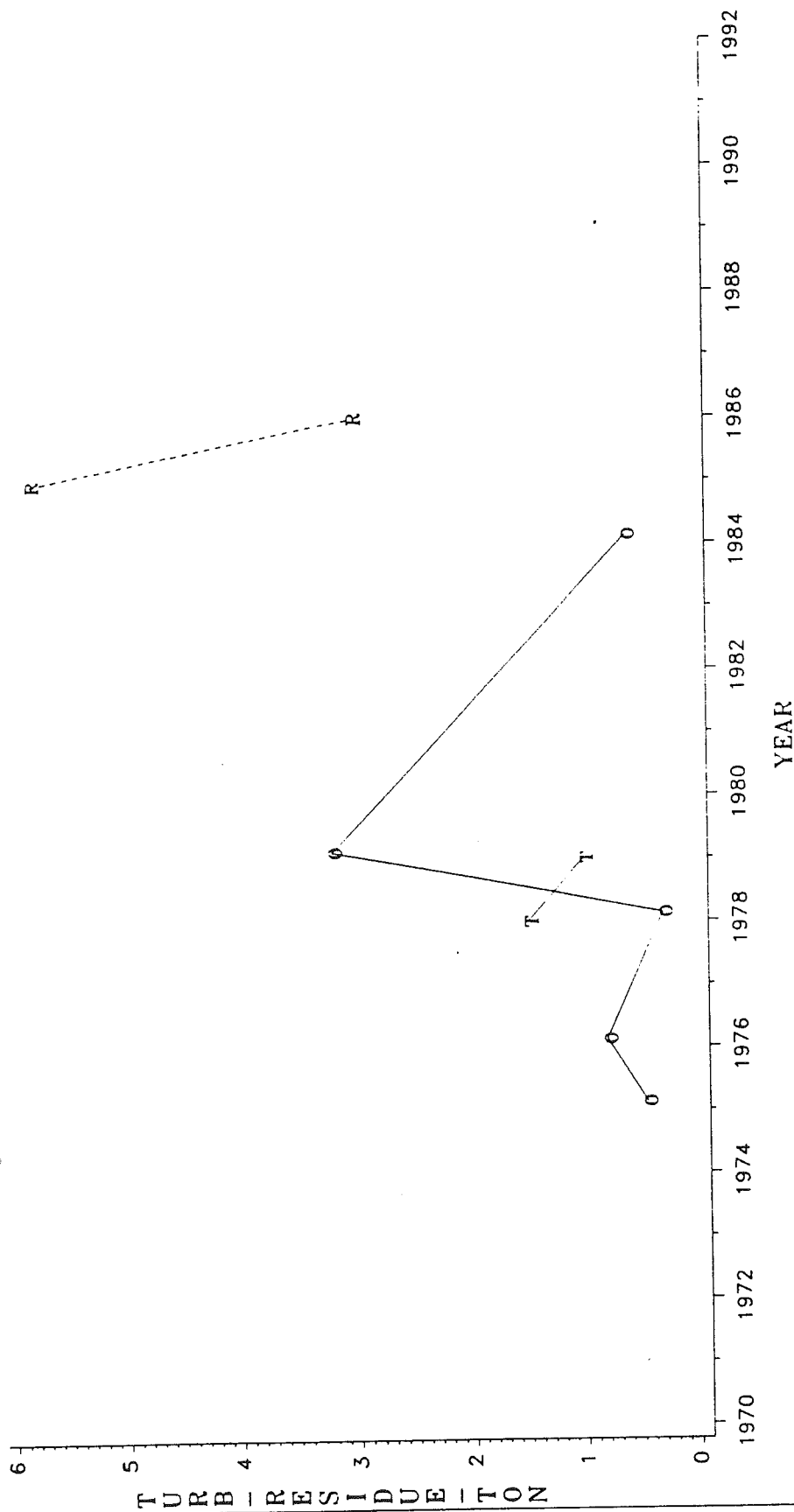


INLAND BAYS ANNUAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEGMENT=IRL



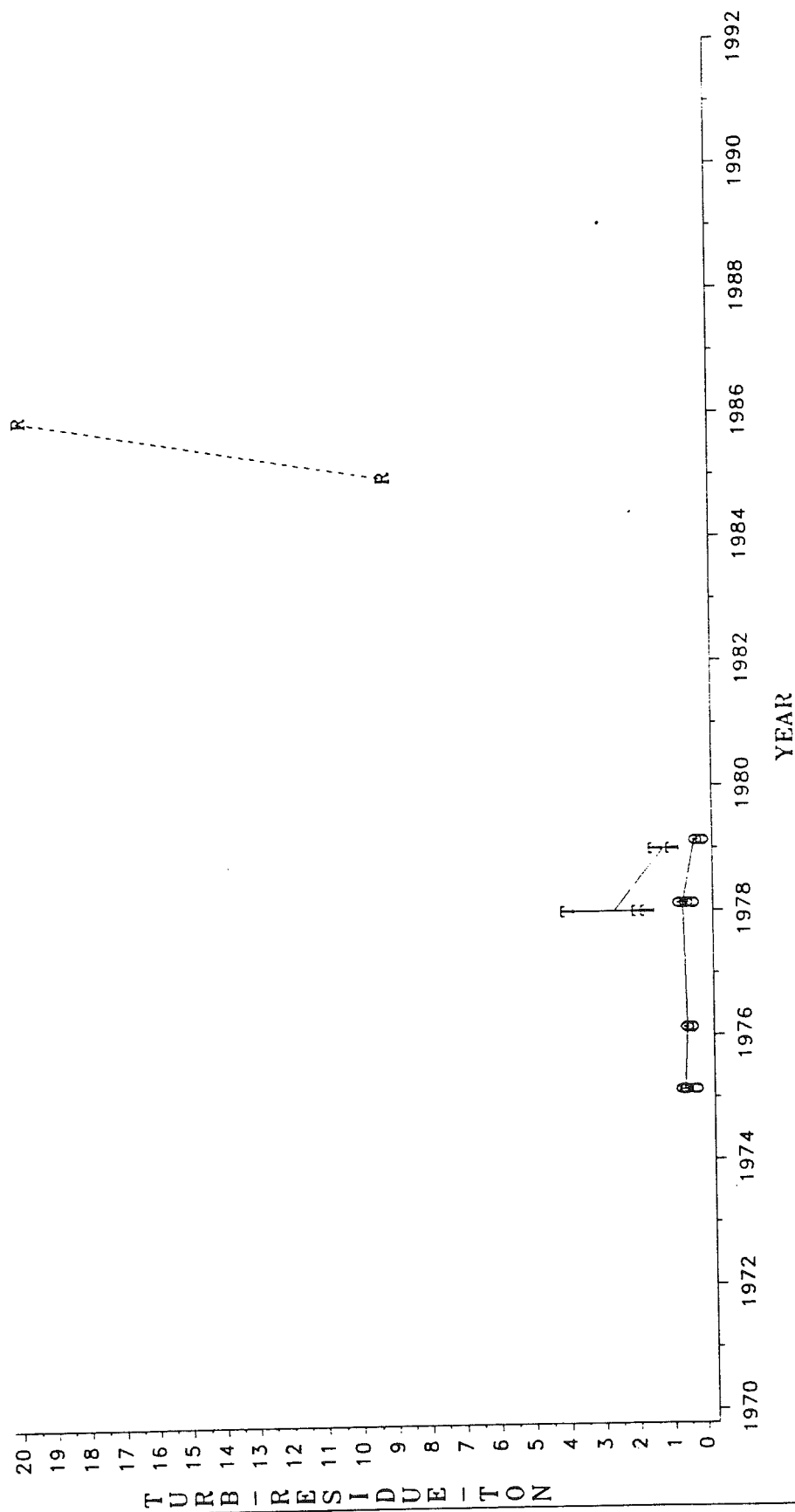
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Winter SEGMENT=RBN



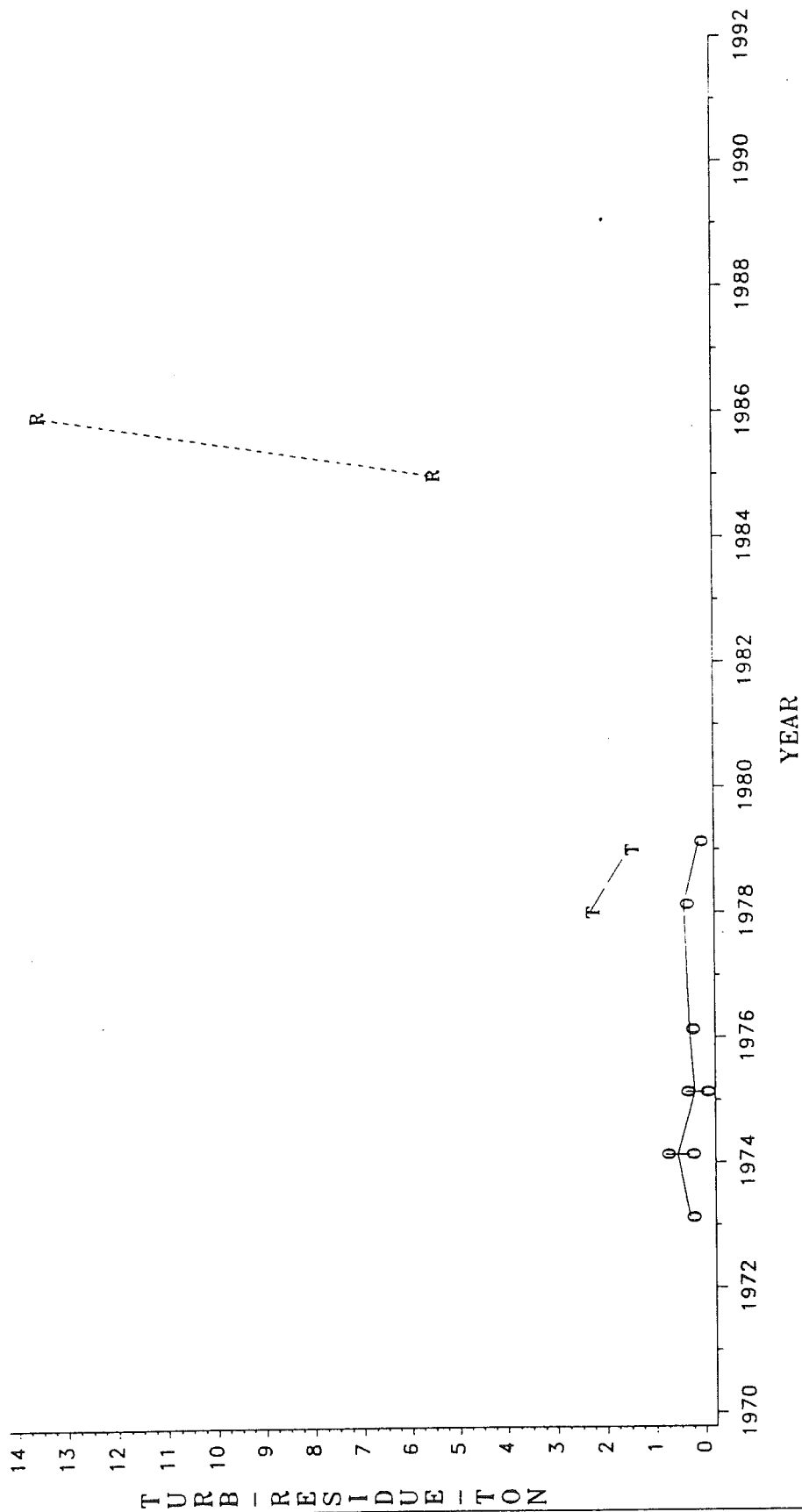
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Winter SEGMENT=RBM



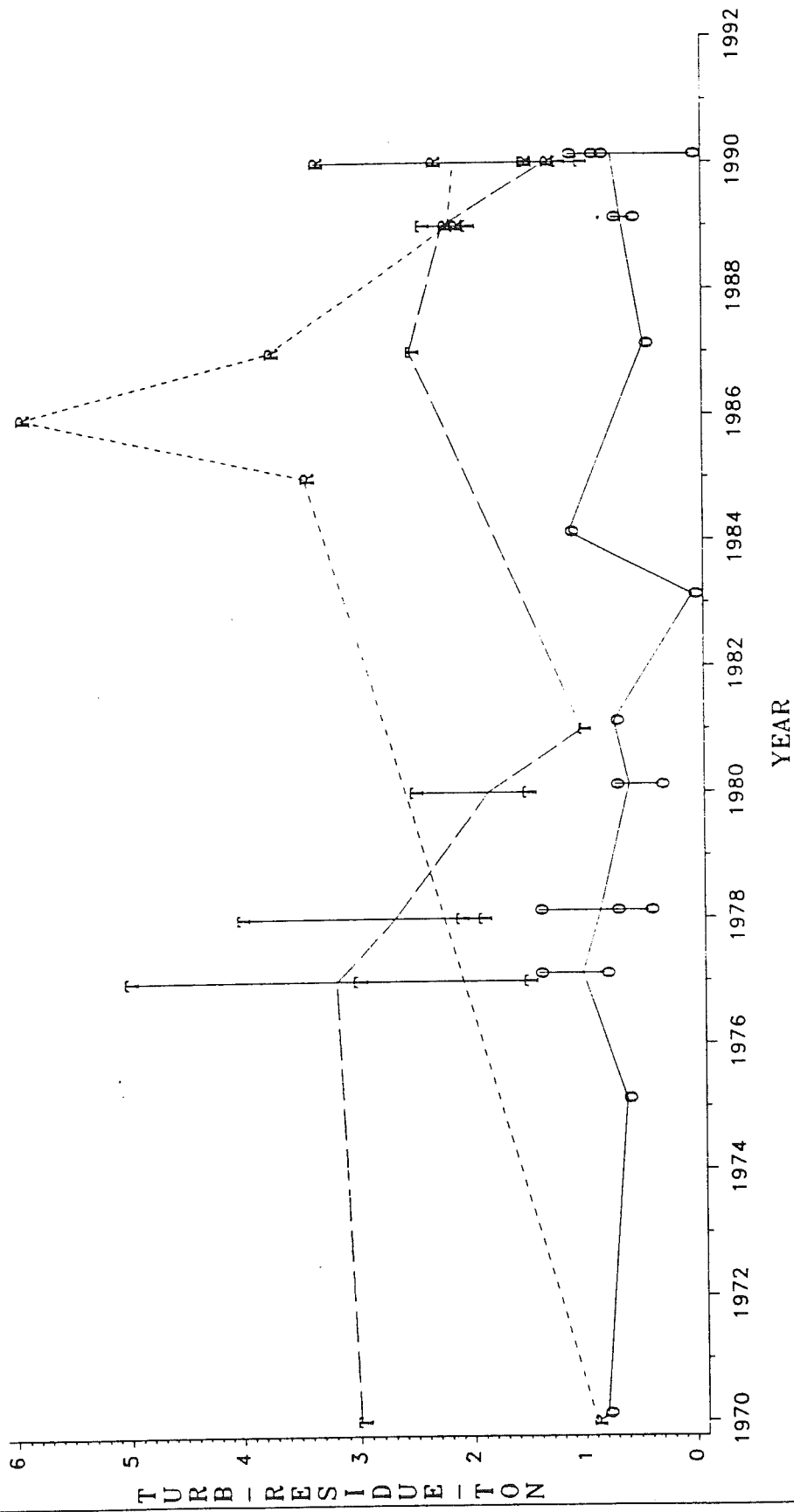
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted 0)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Winter SEGMENT=RBS

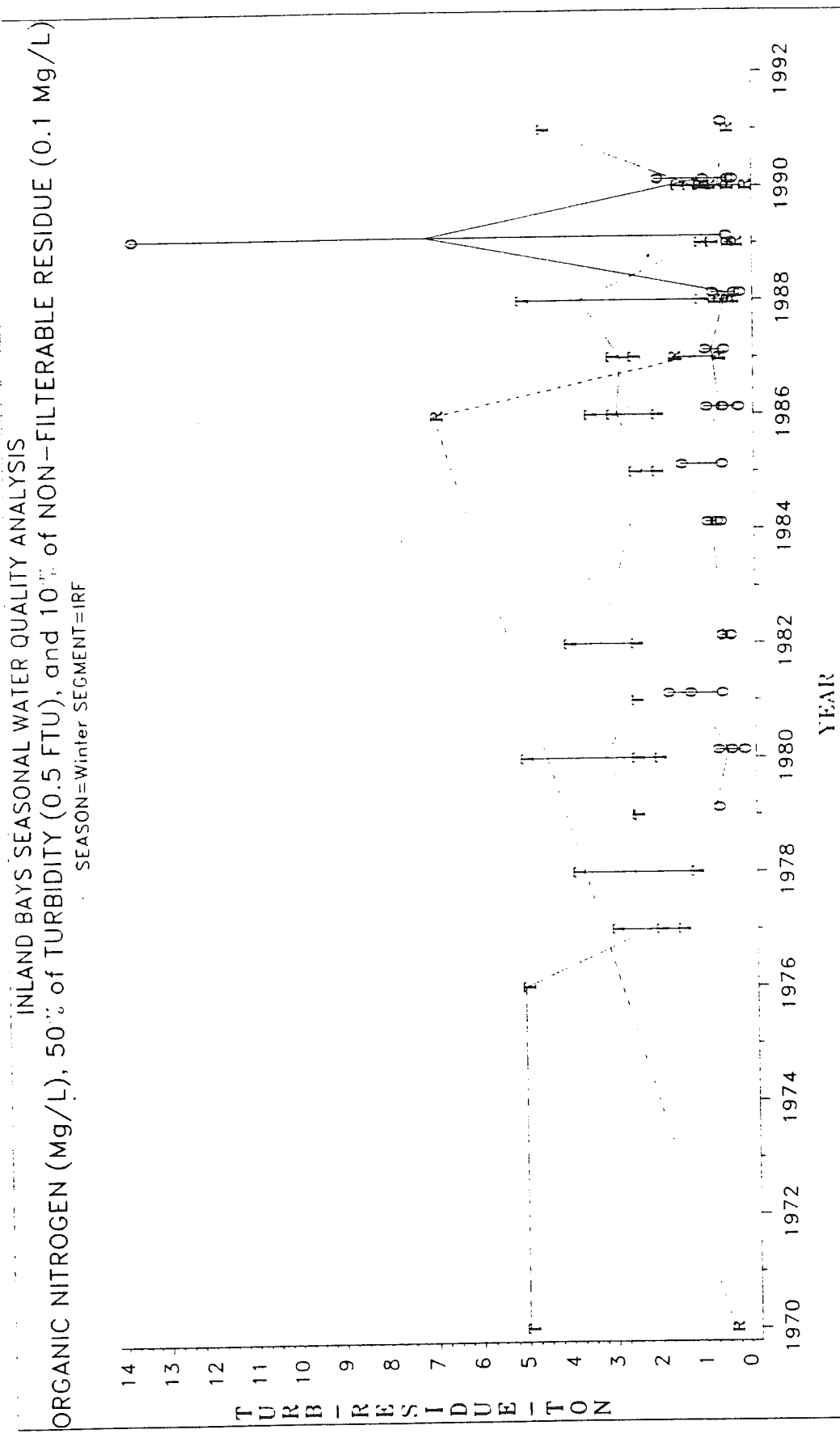


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Winter SEGMENT=LAS

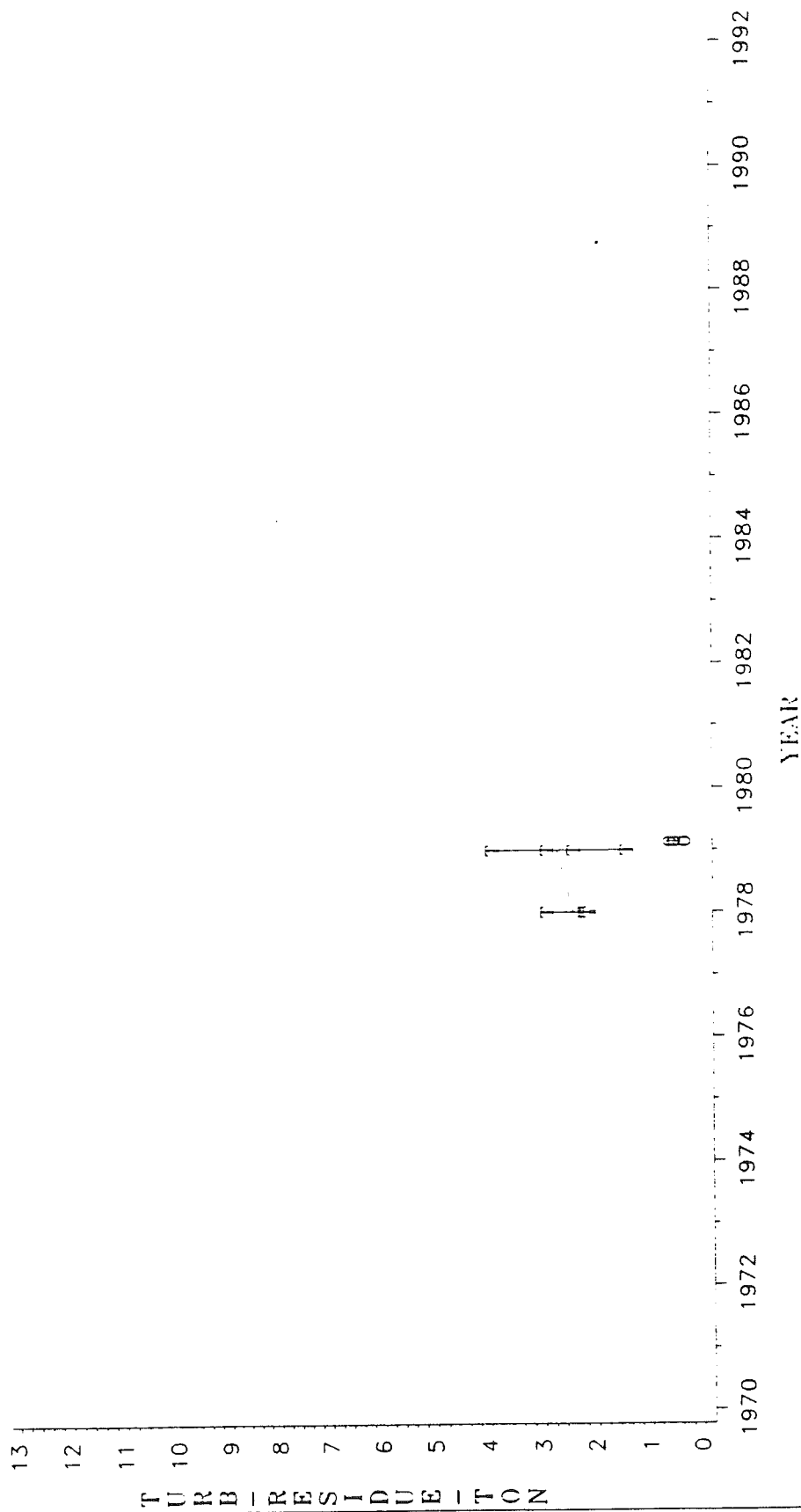


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year



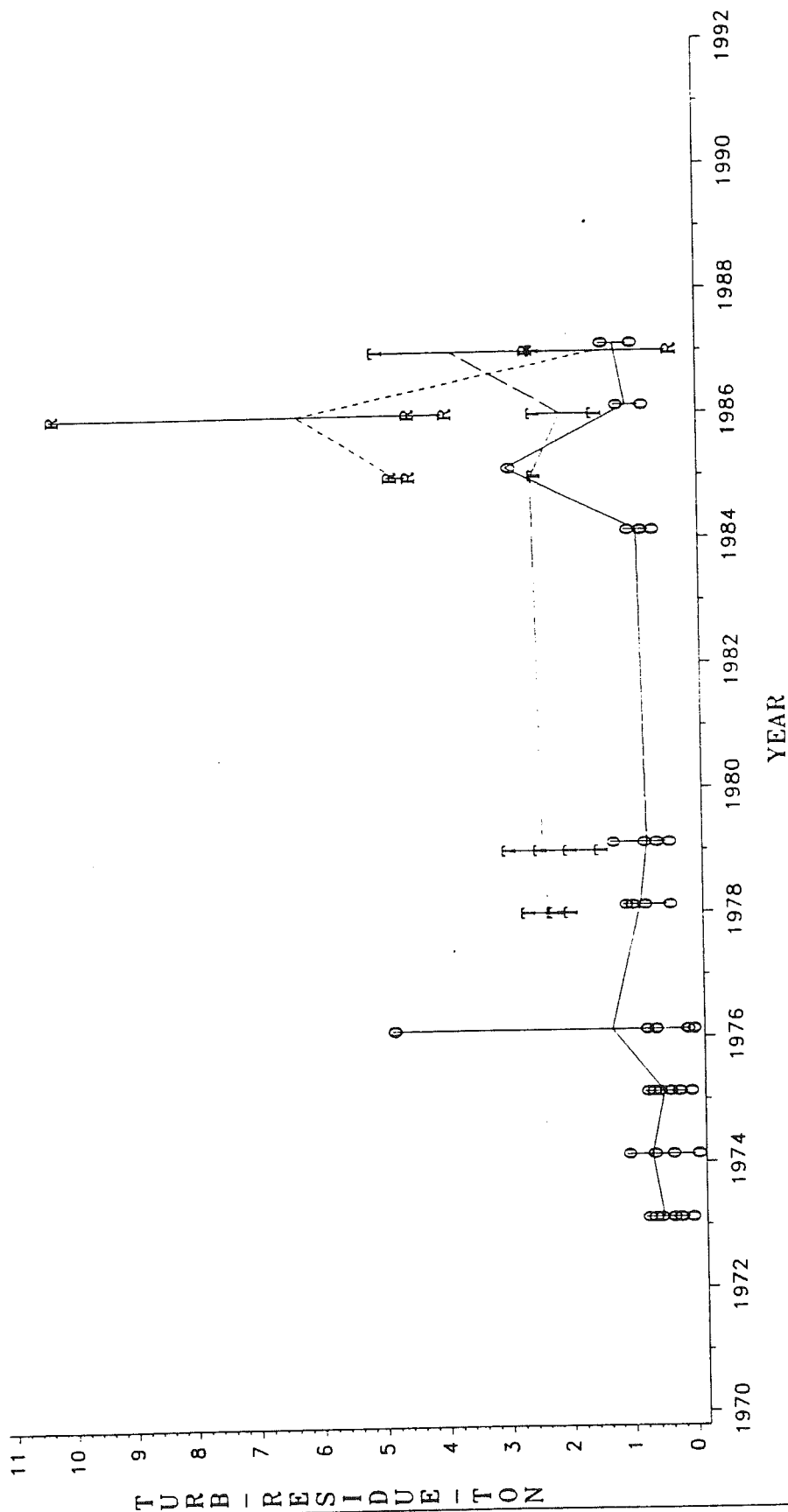
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Times values needed of at set values over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Winter SEGMENT=IRU



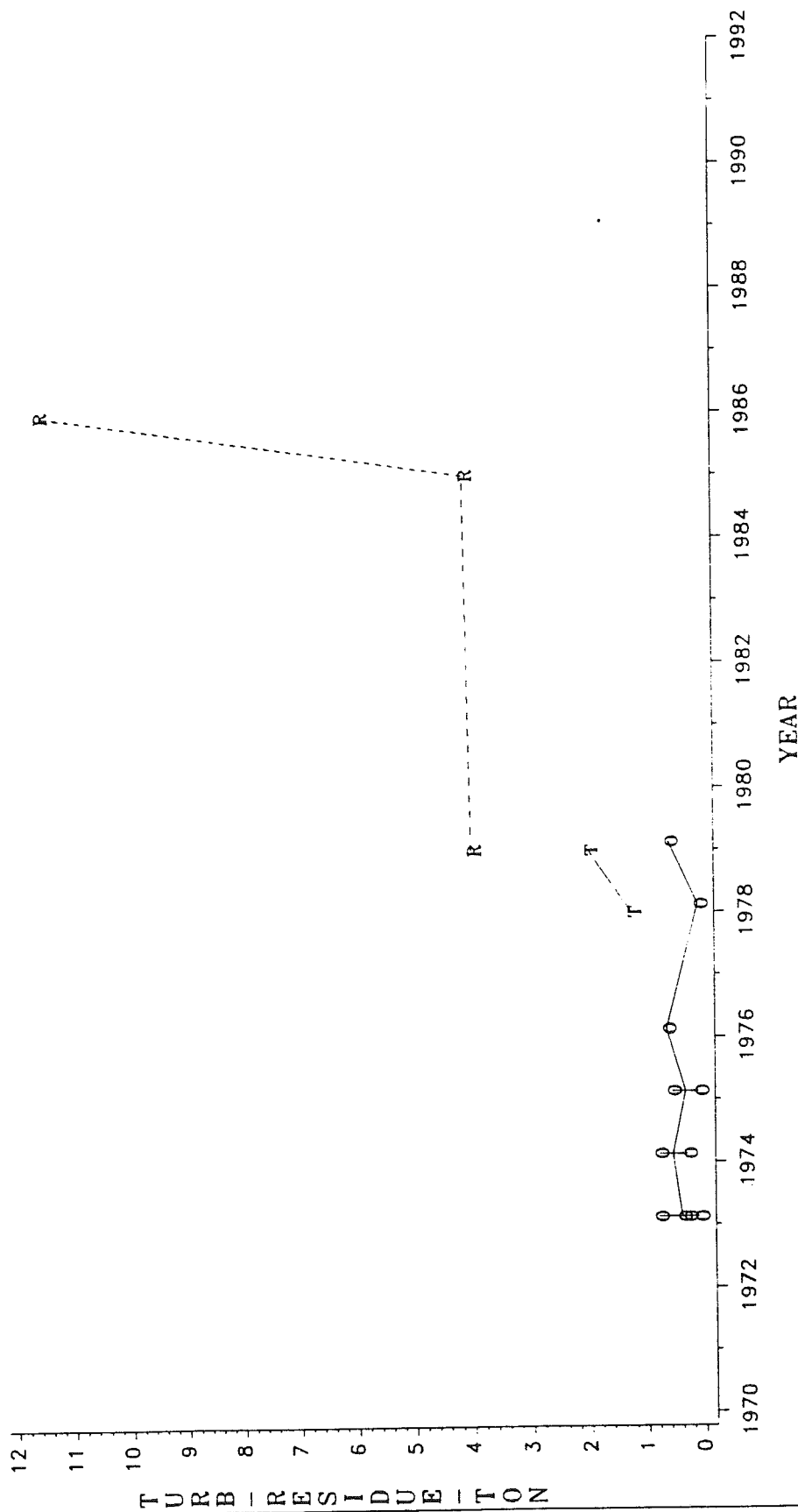
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted 0)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Winter SEGMENT=IRM



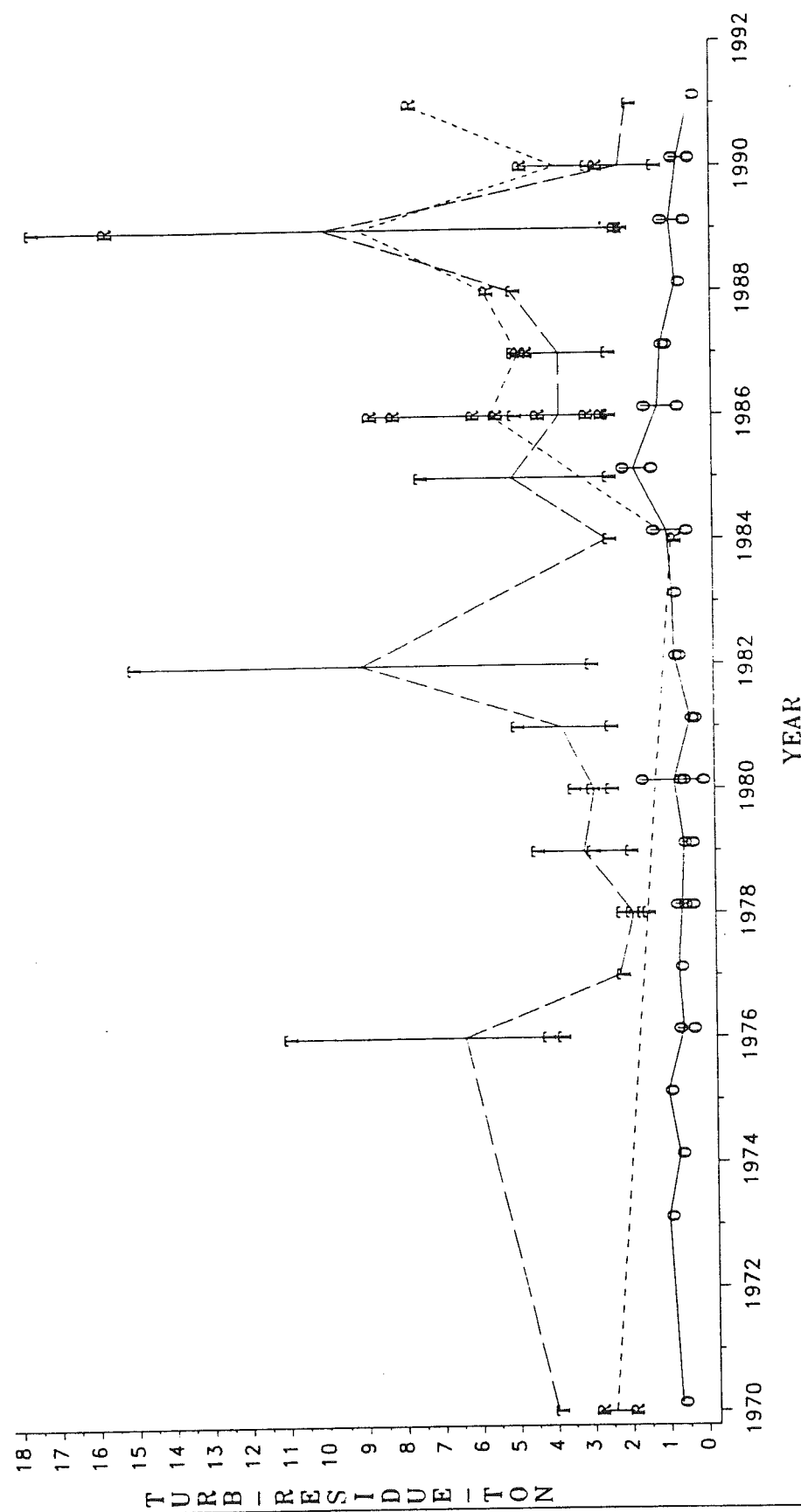
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Winter SEGMENT=IRL

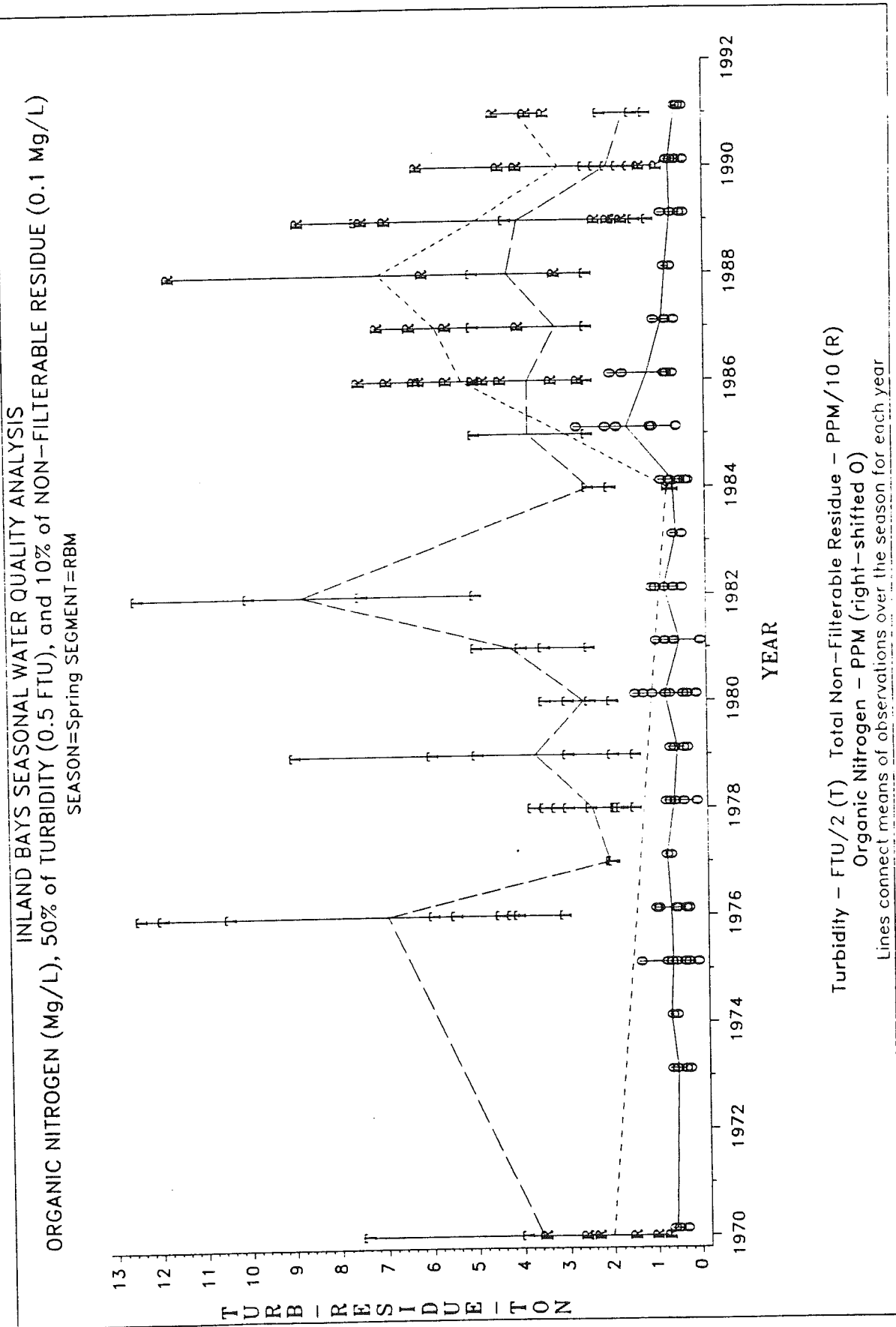


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

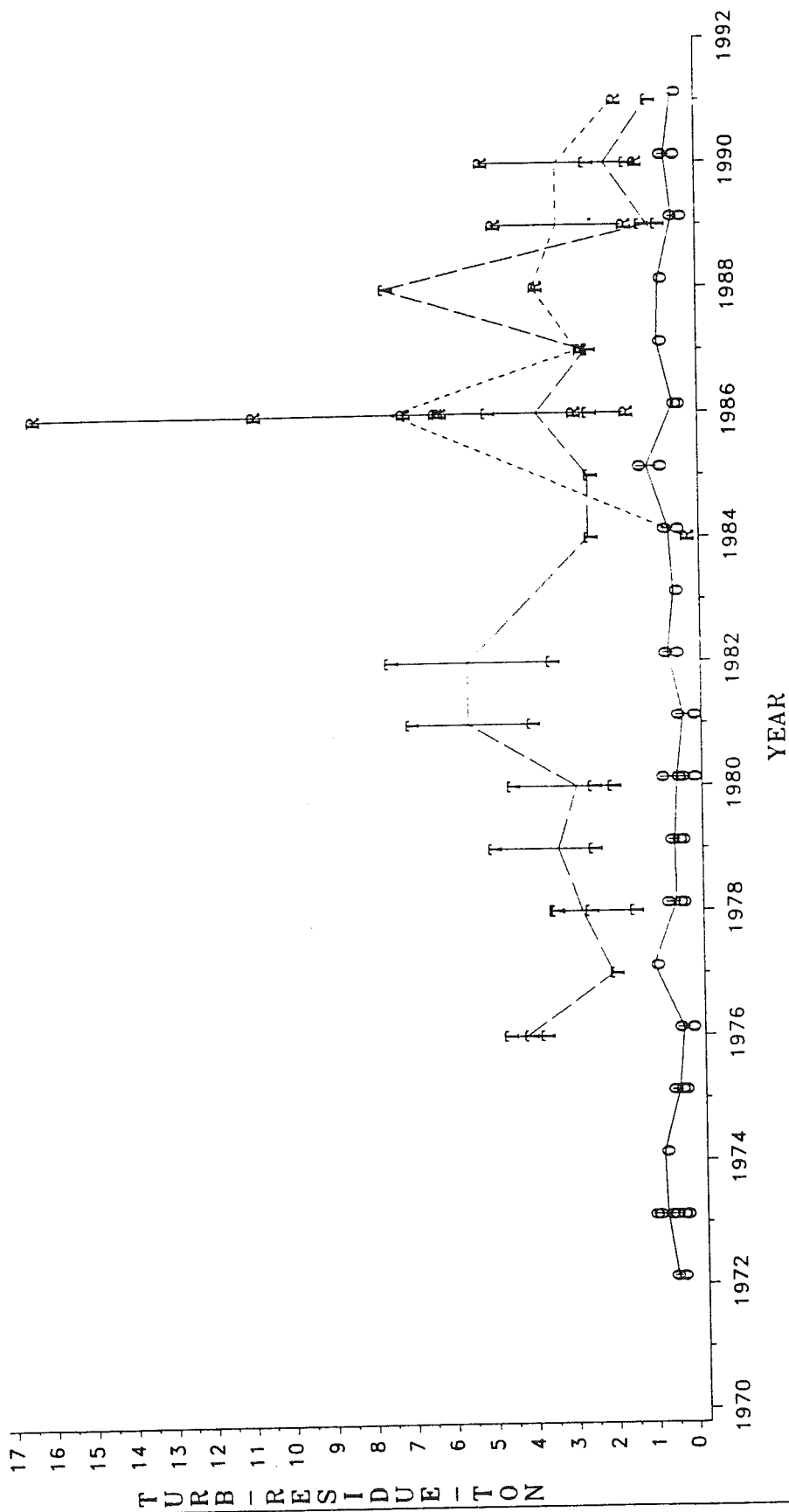
INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Spring SEGMENT=RBN



Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

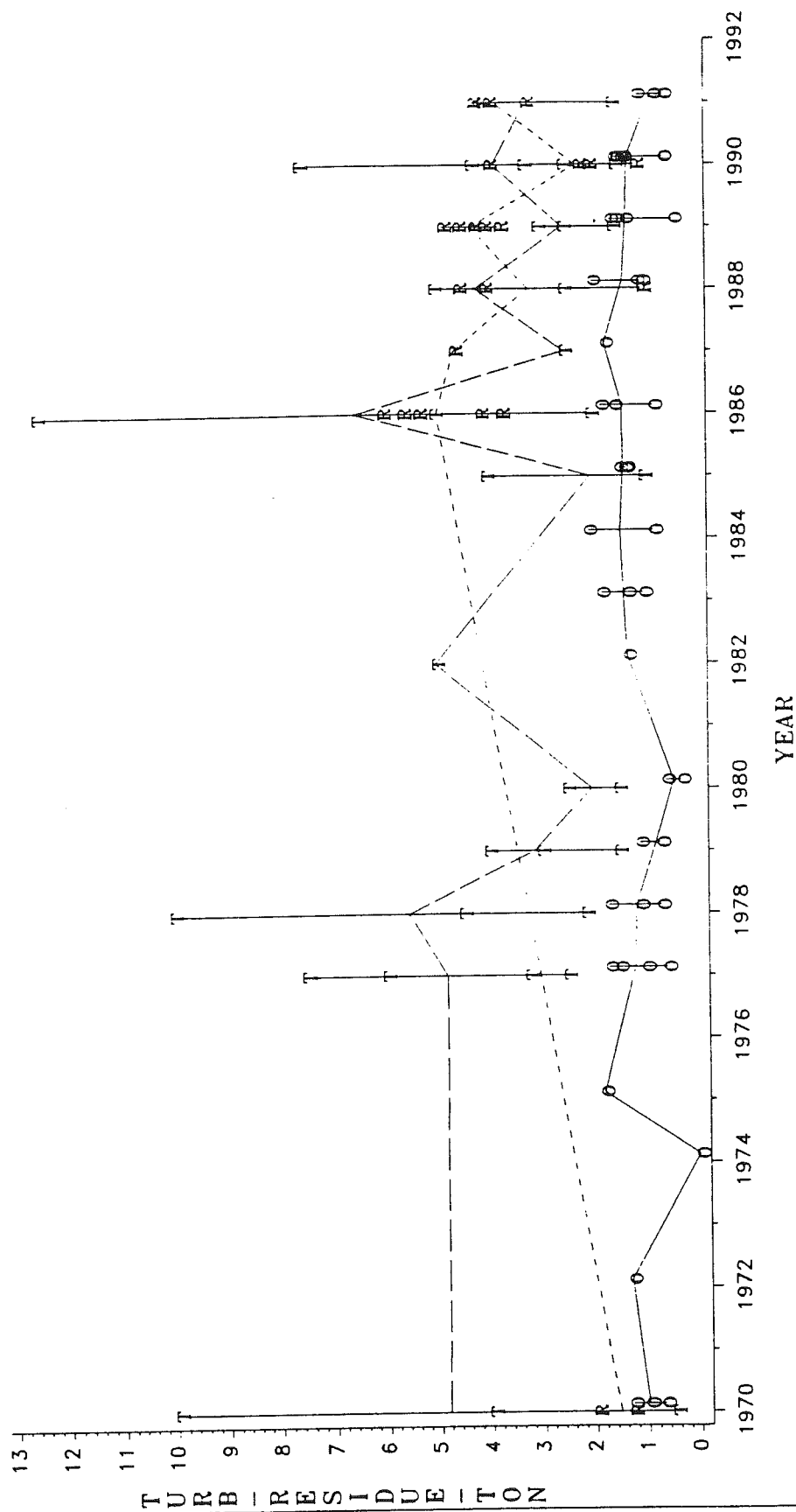


INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Spring SEGMENT=RBS

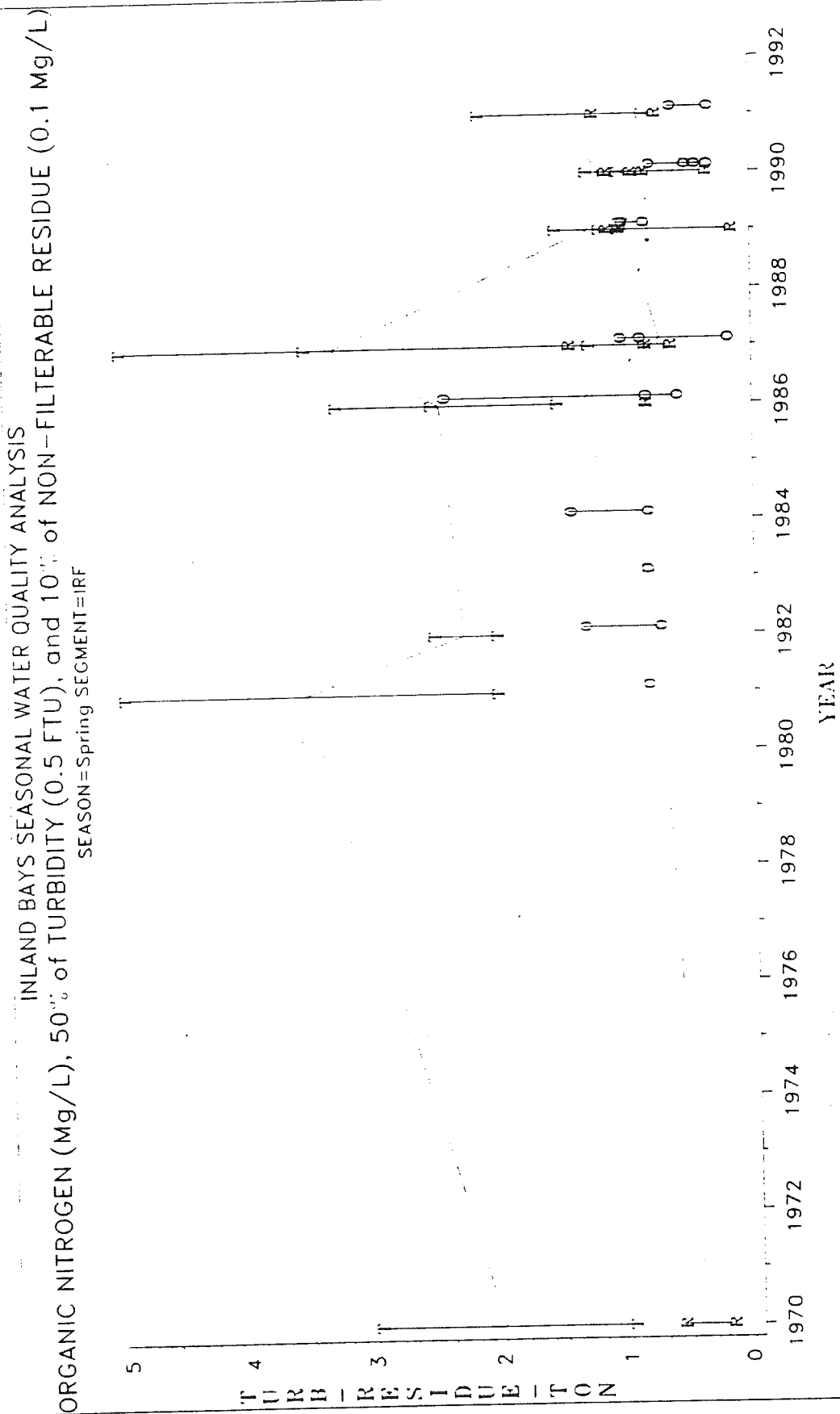


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Spring SEGMENT=LAS



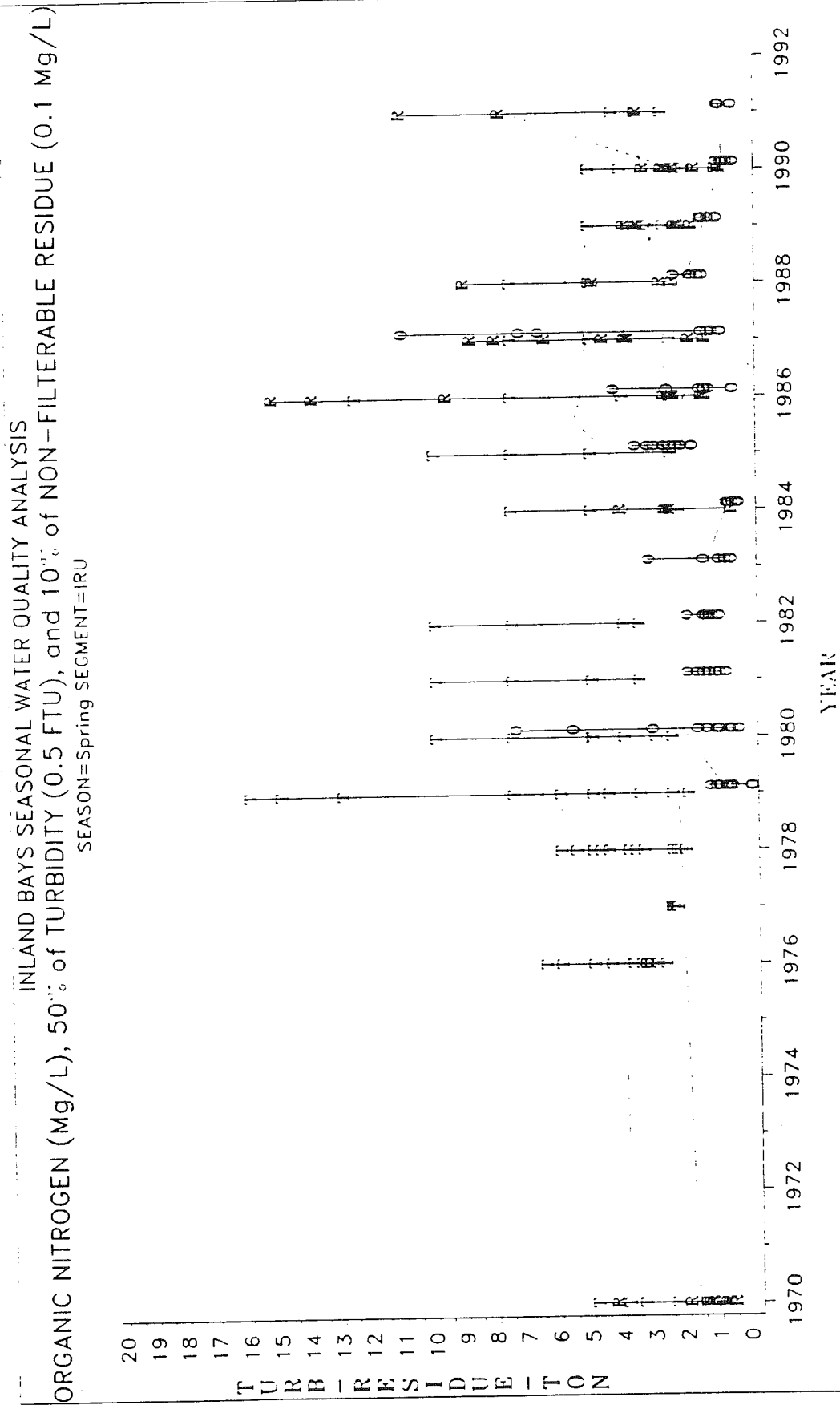
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

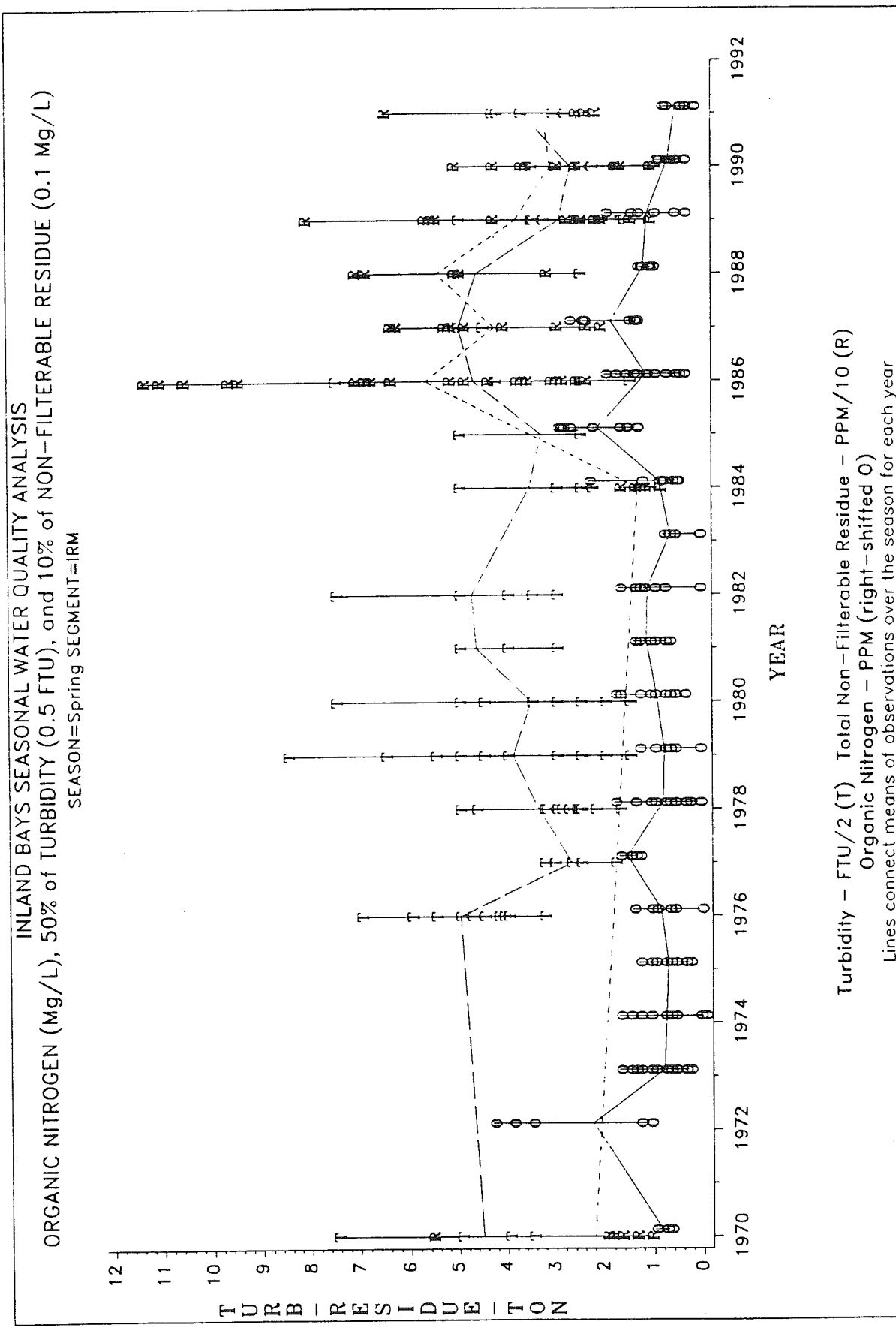


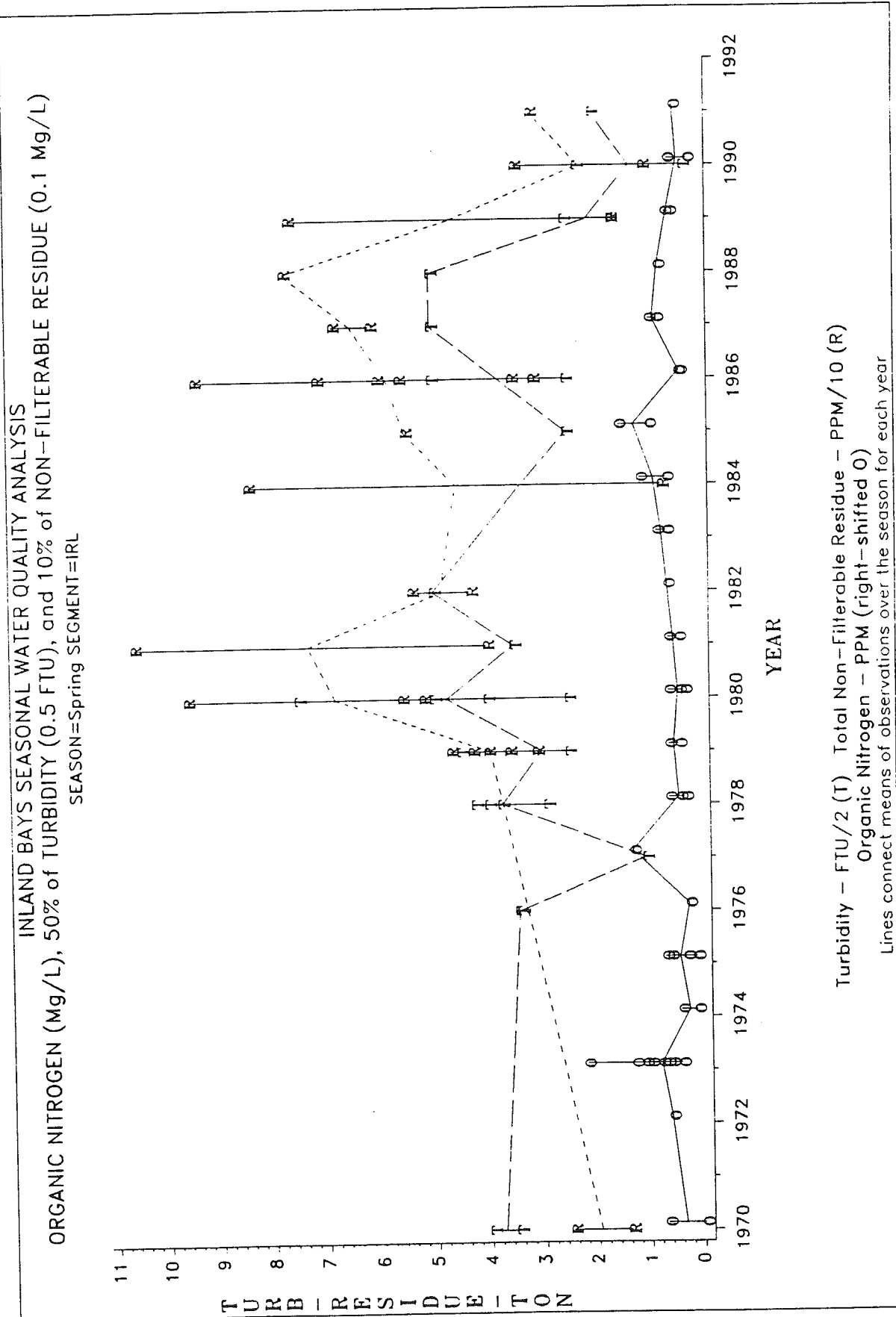
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)

Organic Nitrogen - PPM (right-shifted 0)

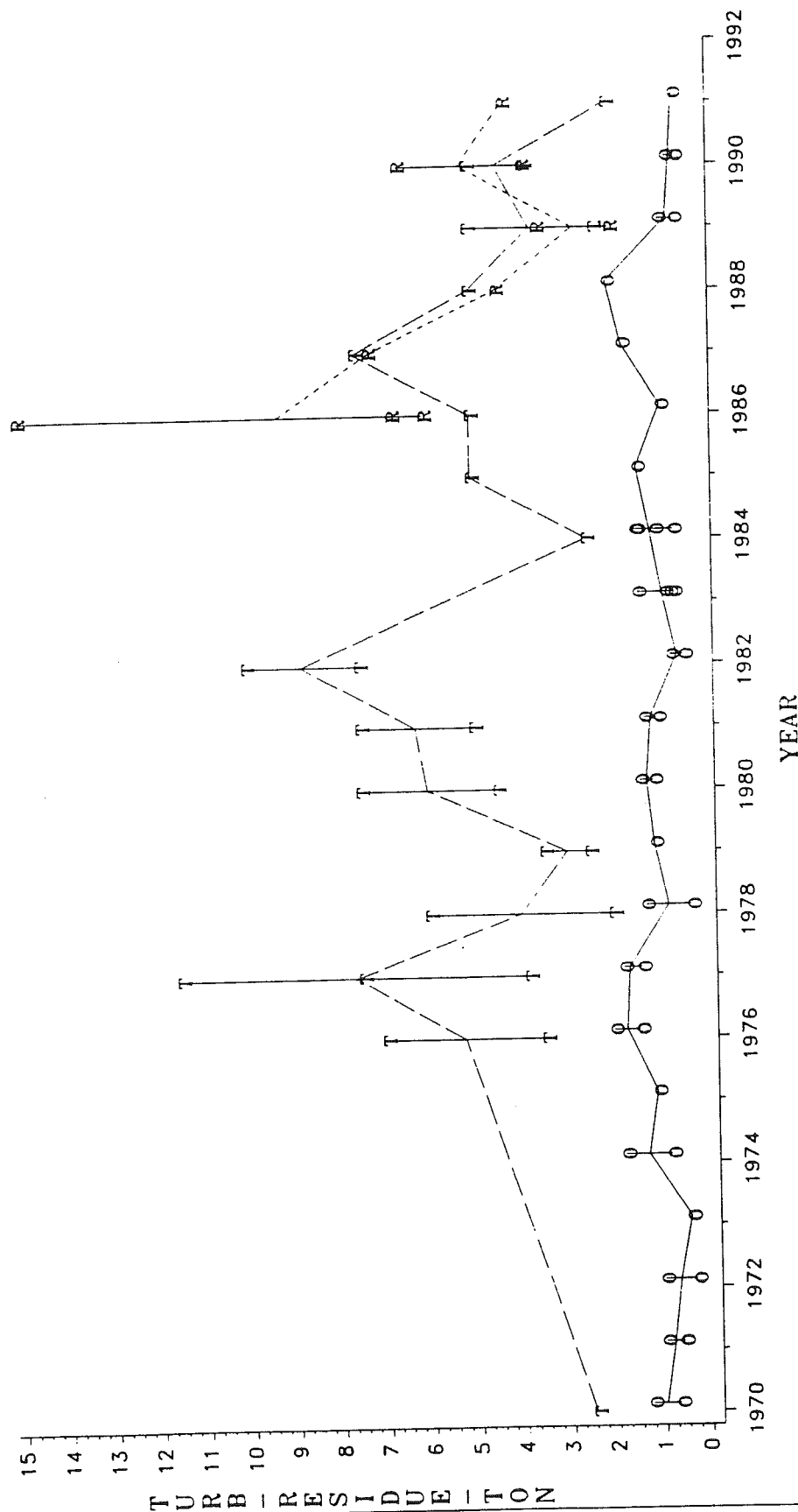
Lines connect 1 month of observations over the season for each year





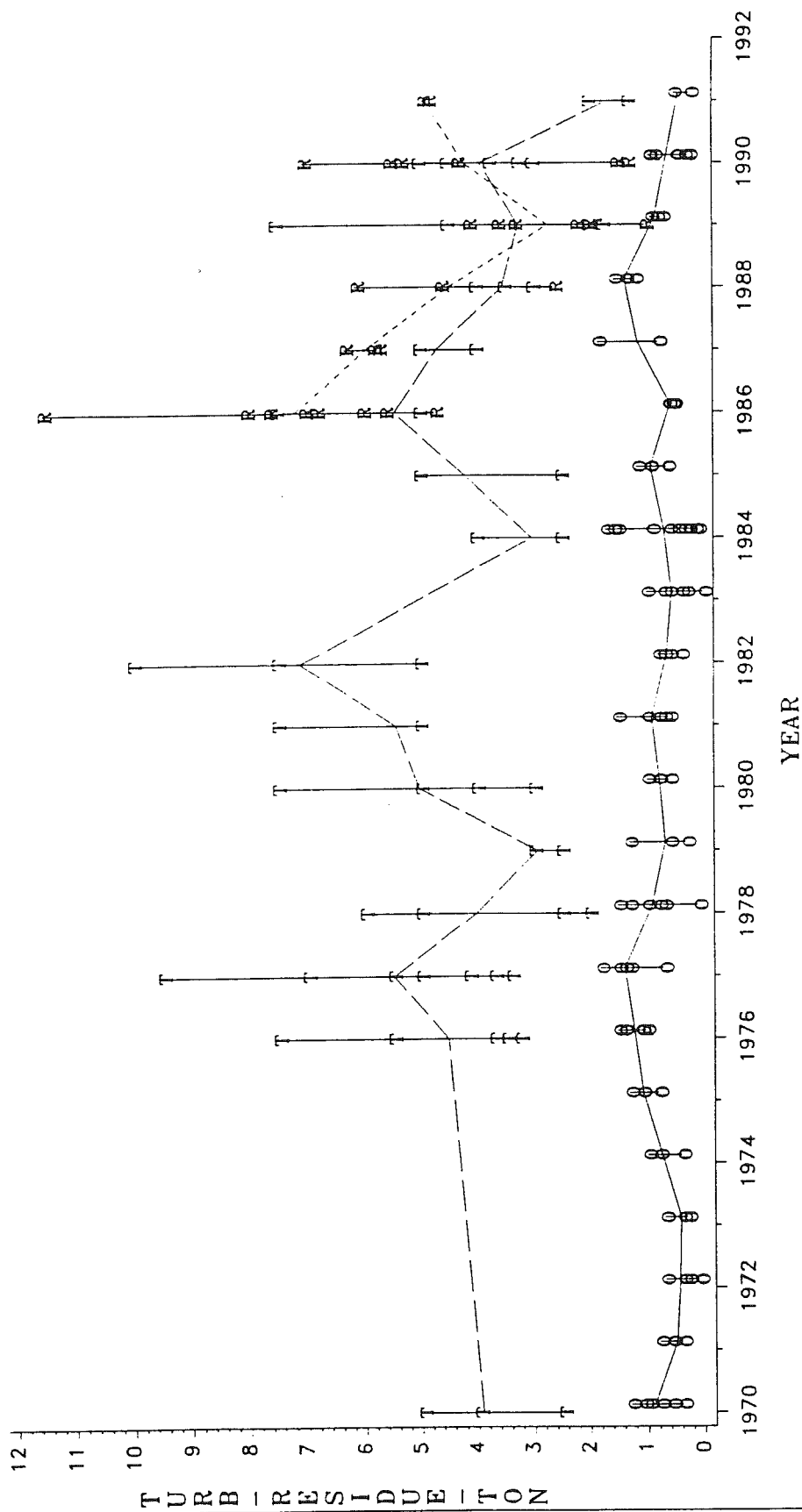


INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Summer SEGMENT=BBN

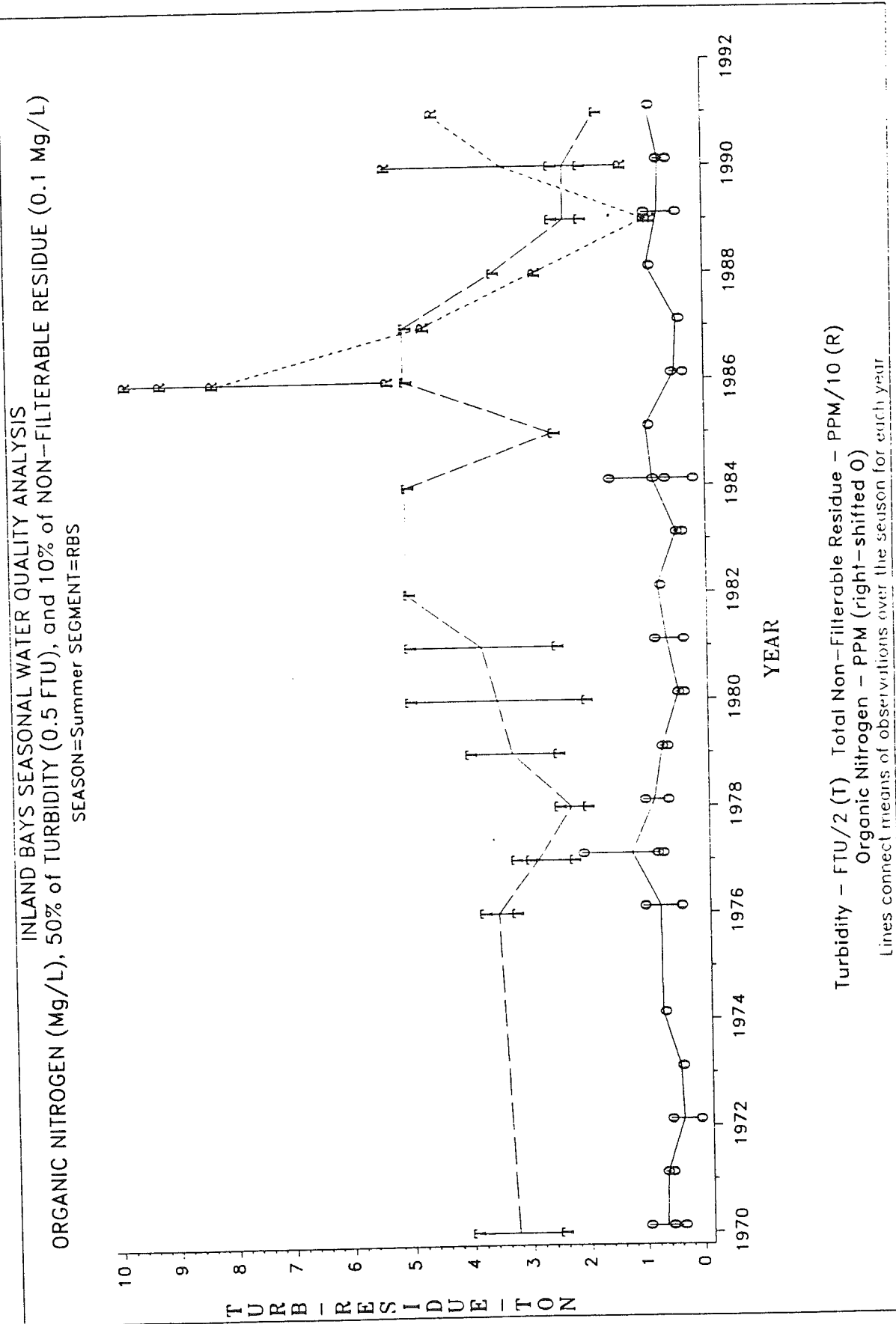


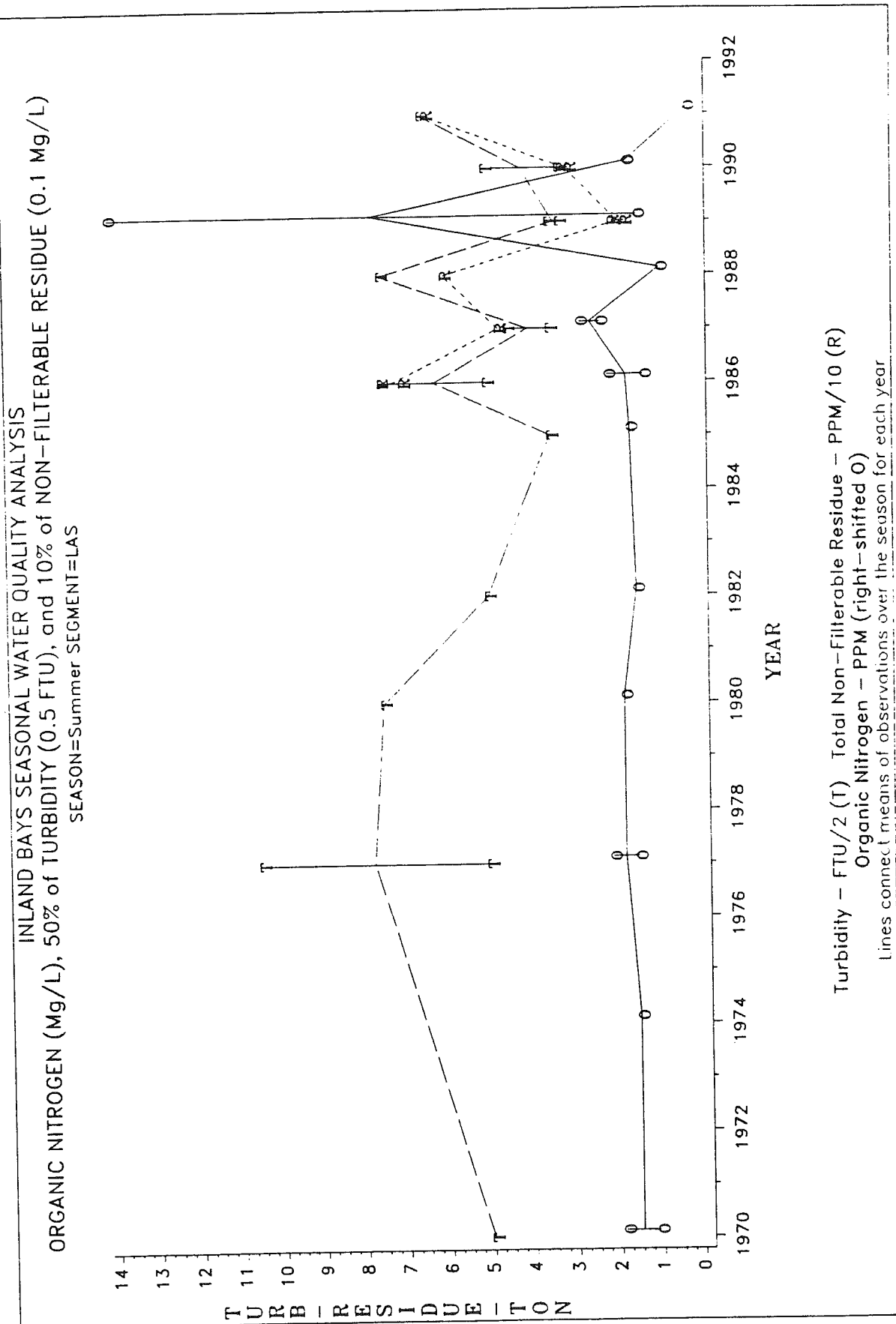
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Summer SEGMENT=RBM

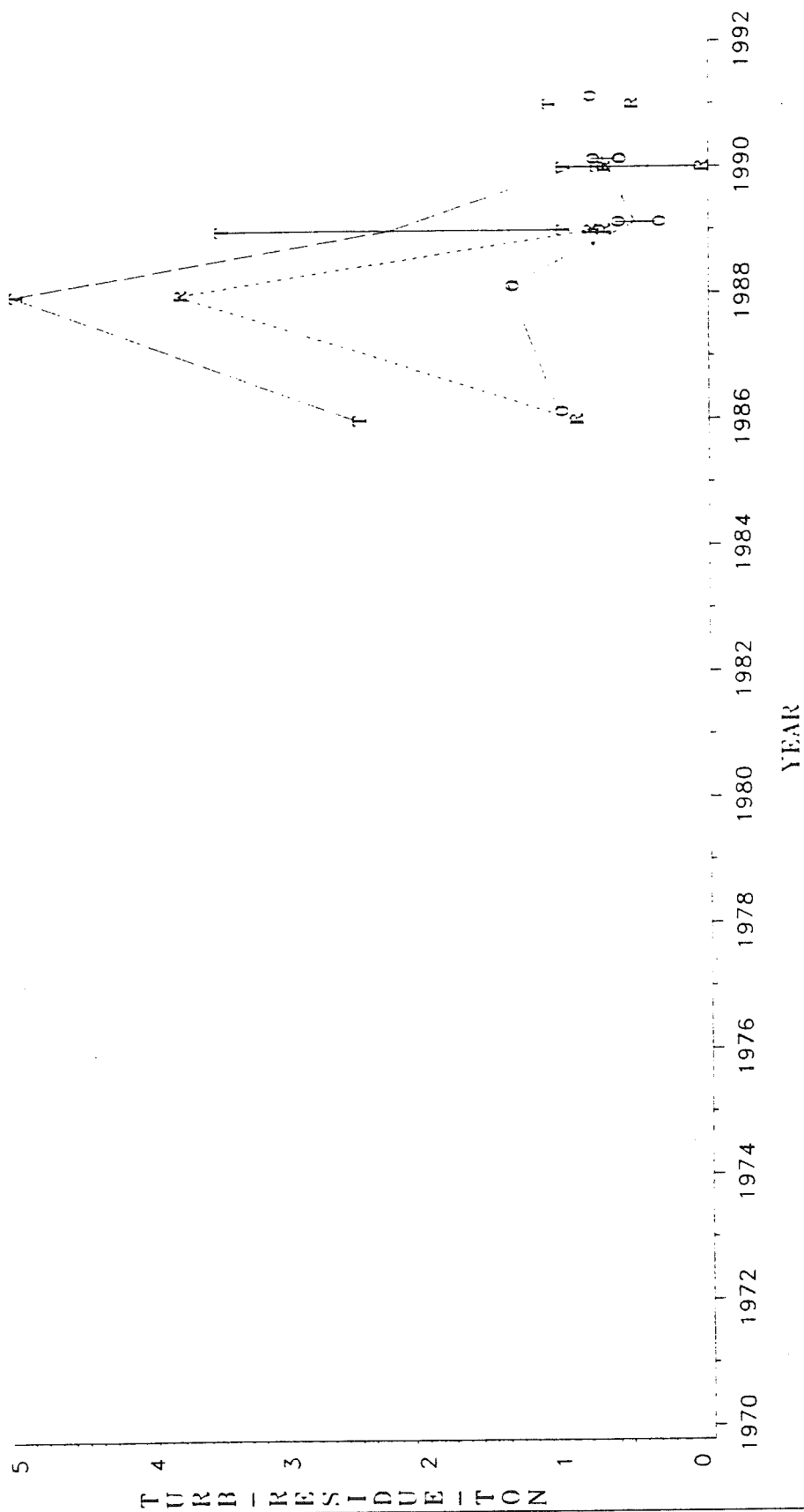


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

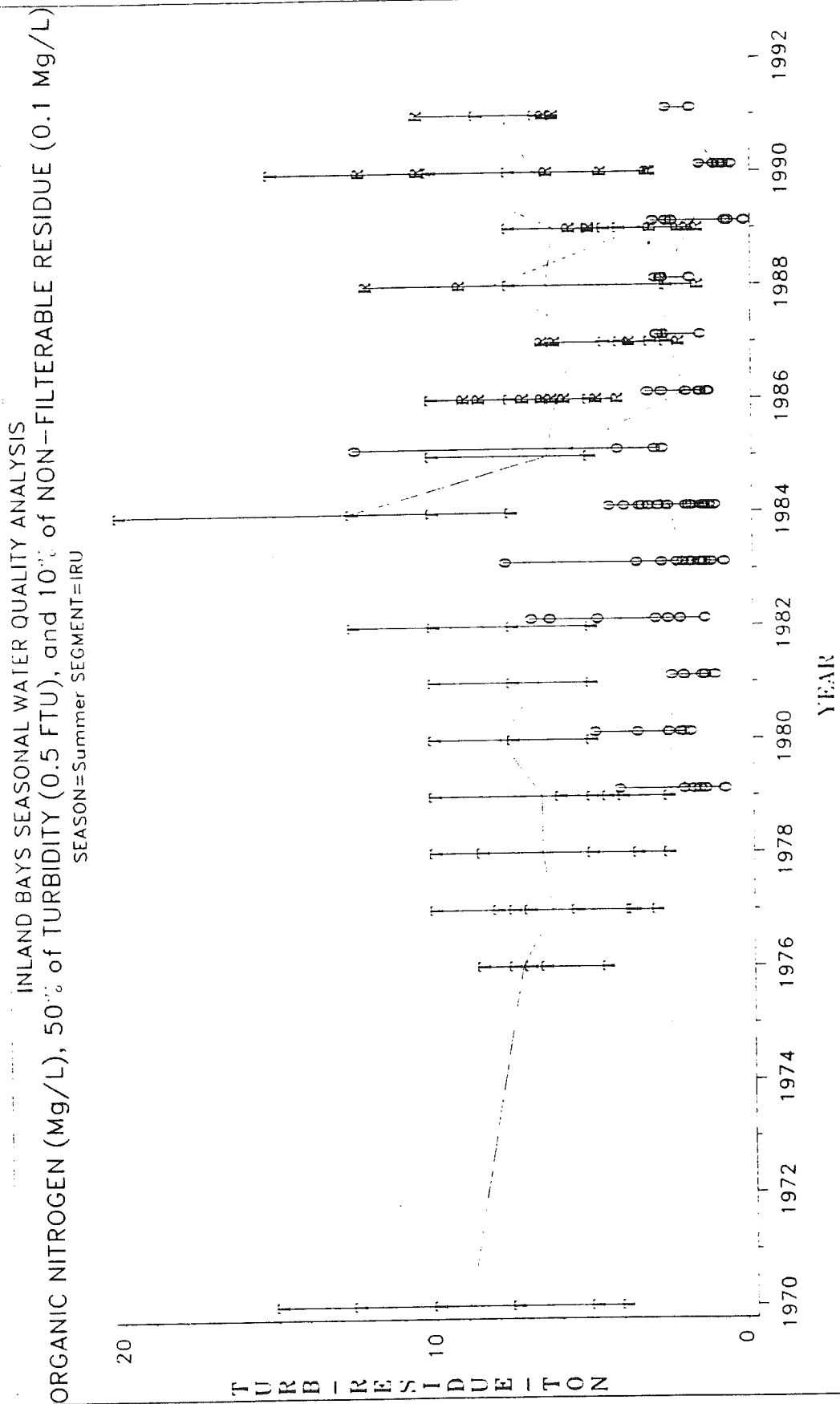




INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Summer SEGMENT=IRF

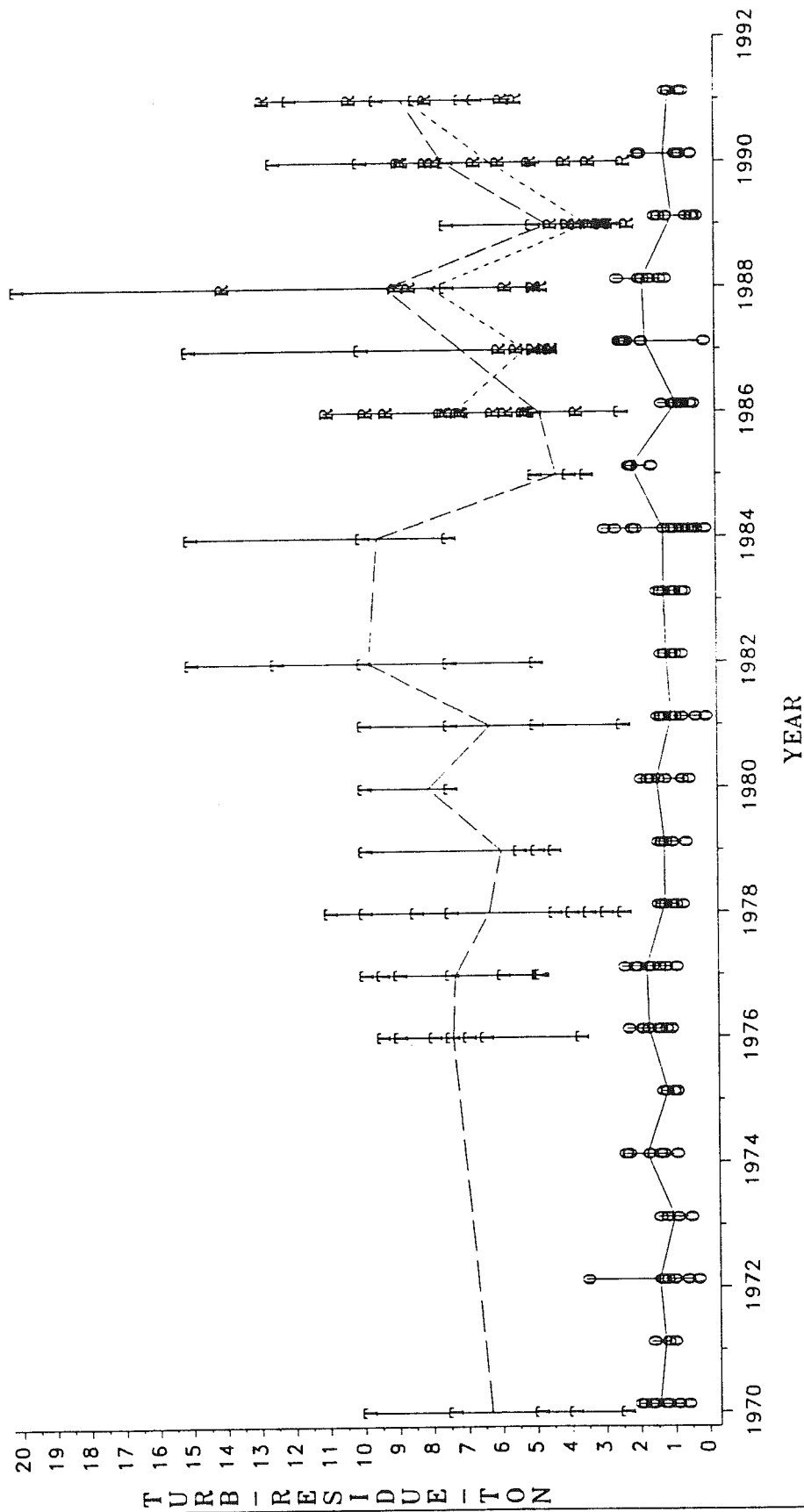


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year



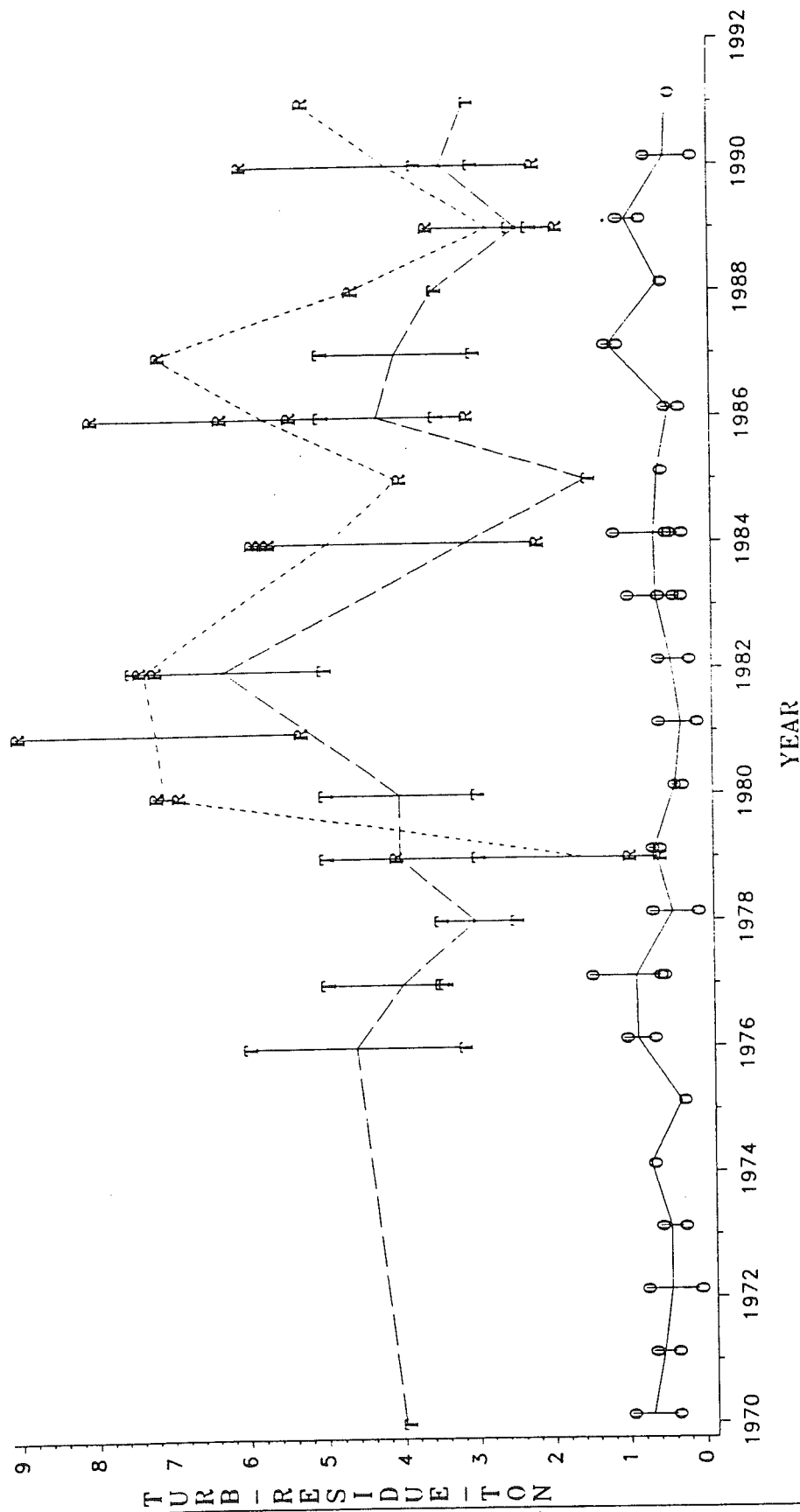
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Summer SEGMENT=IRM

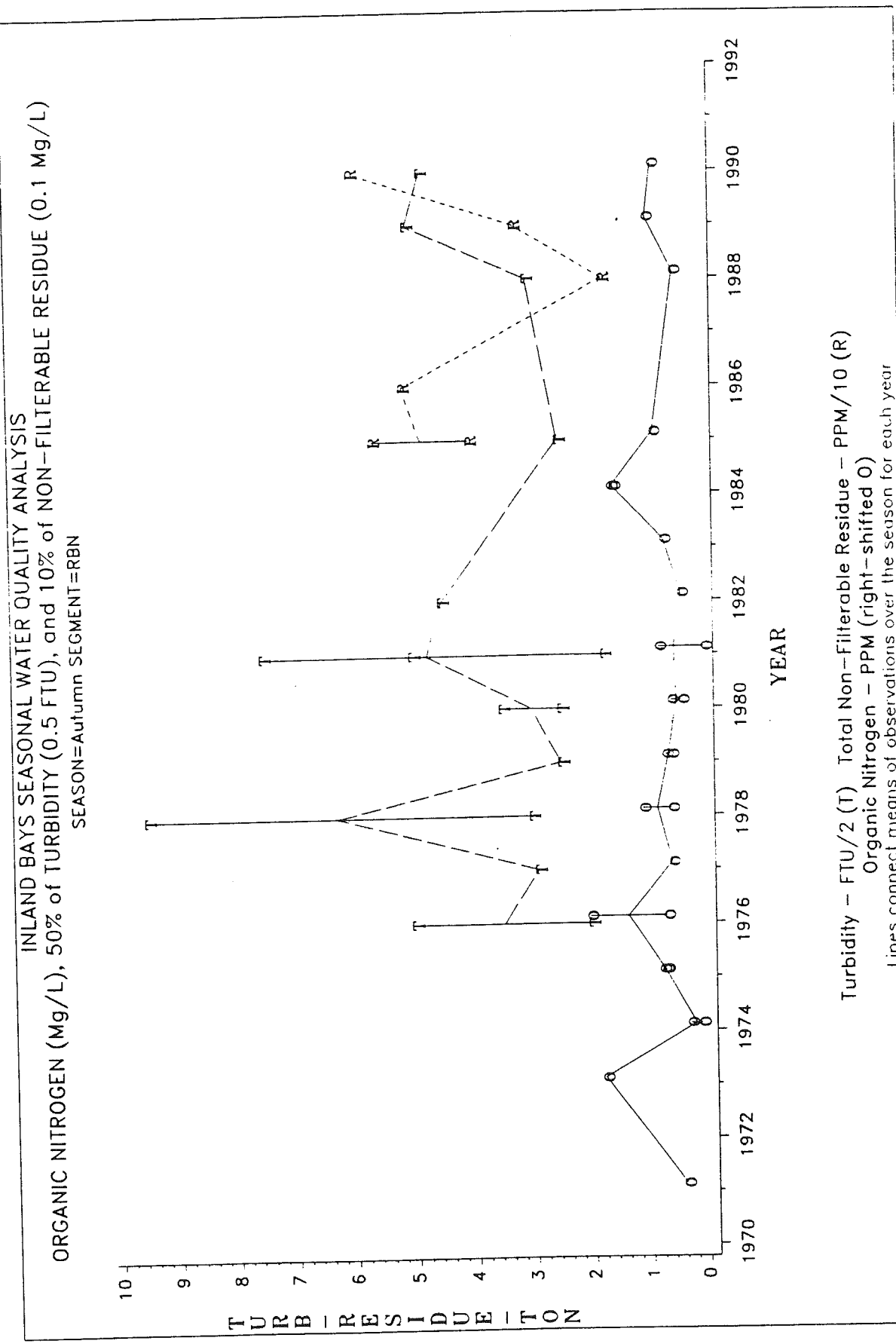


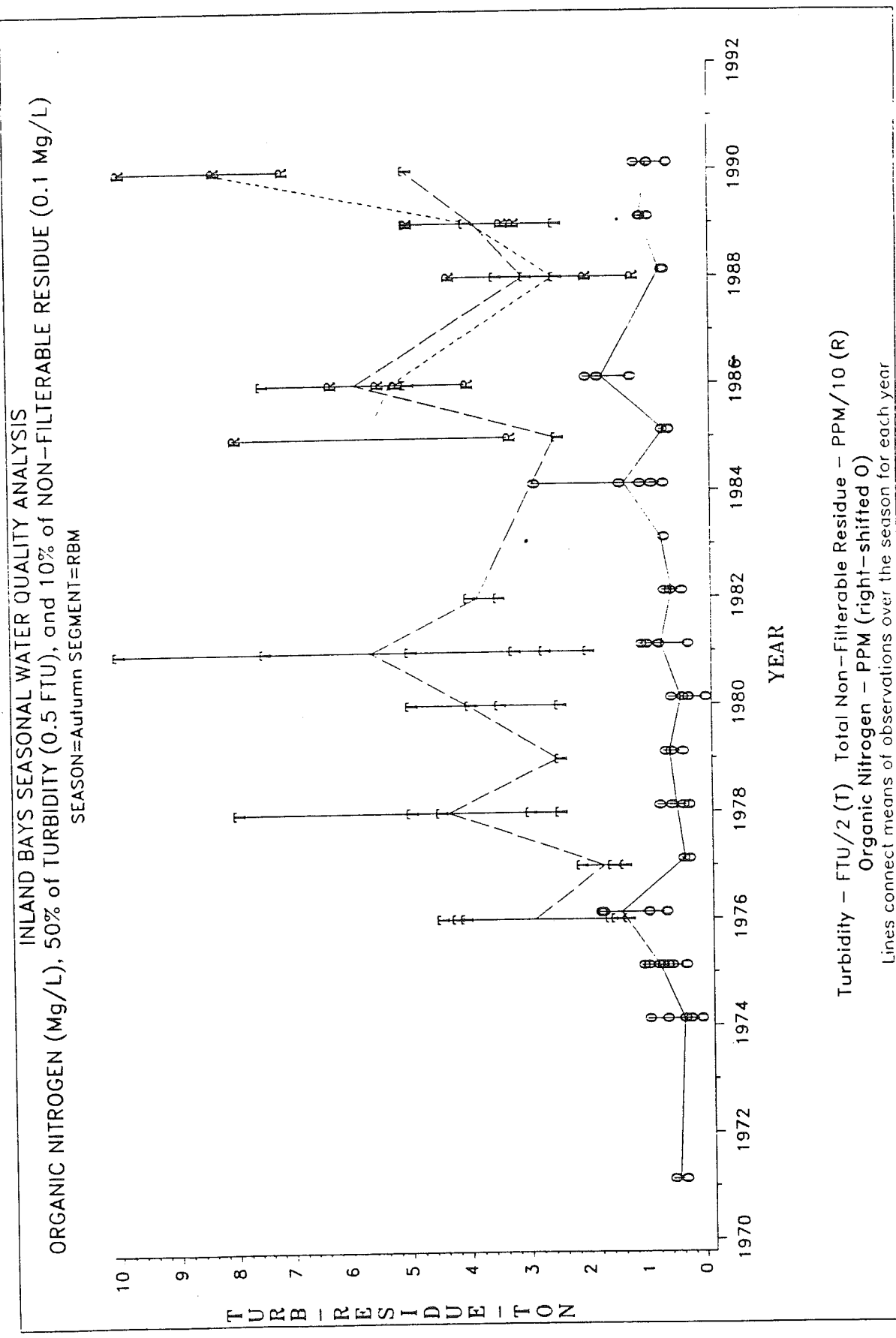
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Summer SEGMENT=IRL

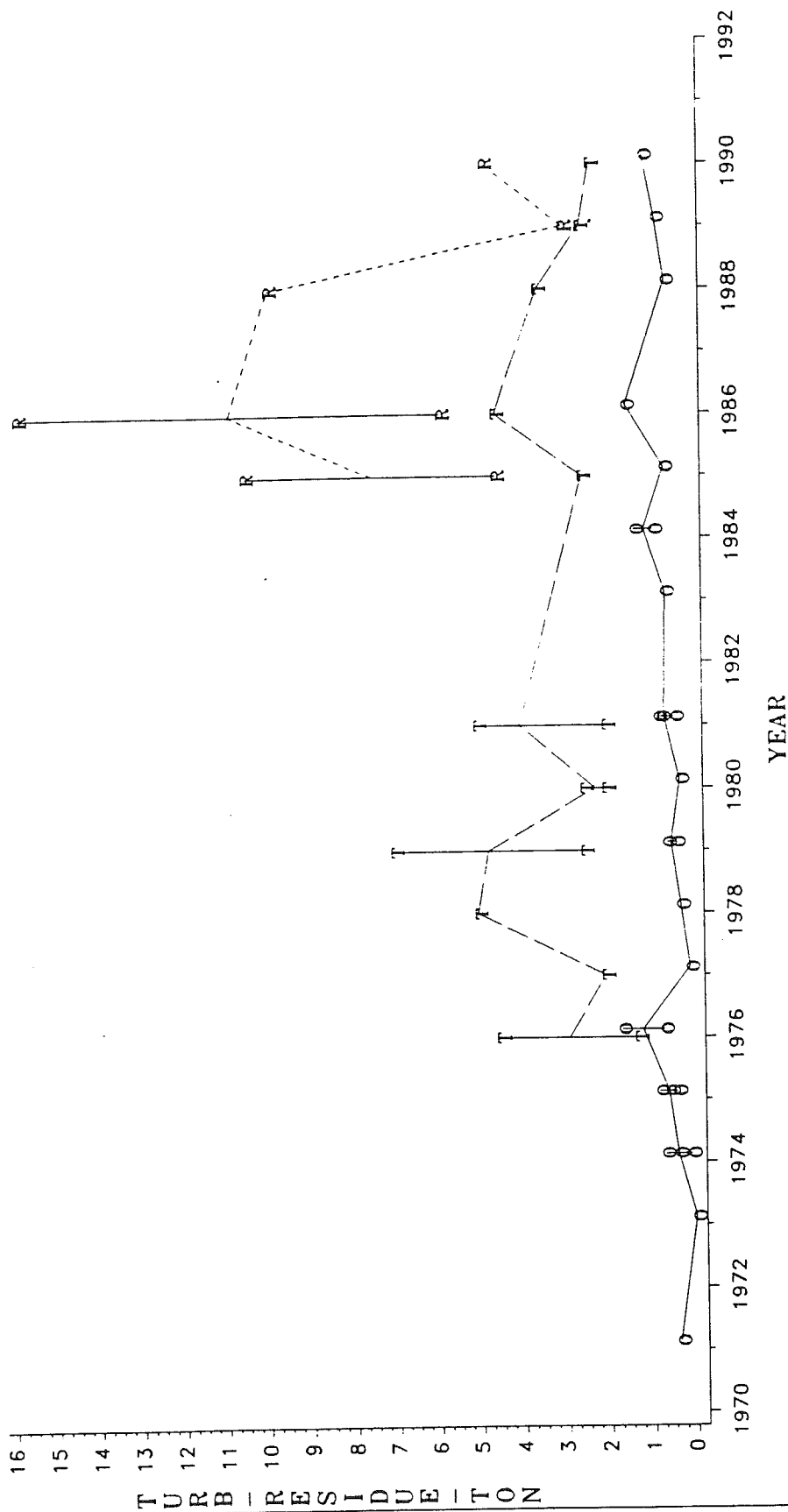


Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year



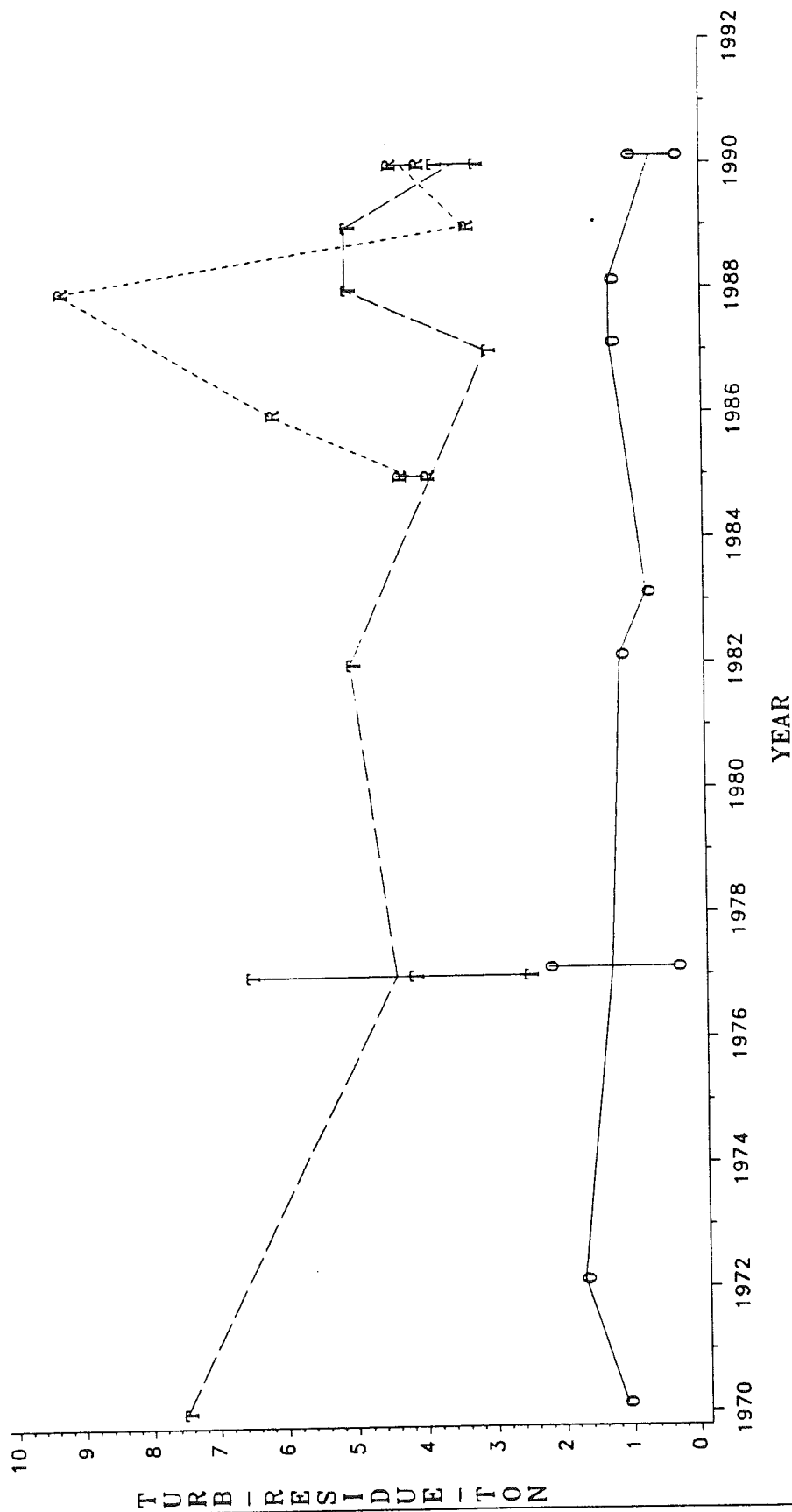


INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Autumn SEGMENT=RBS



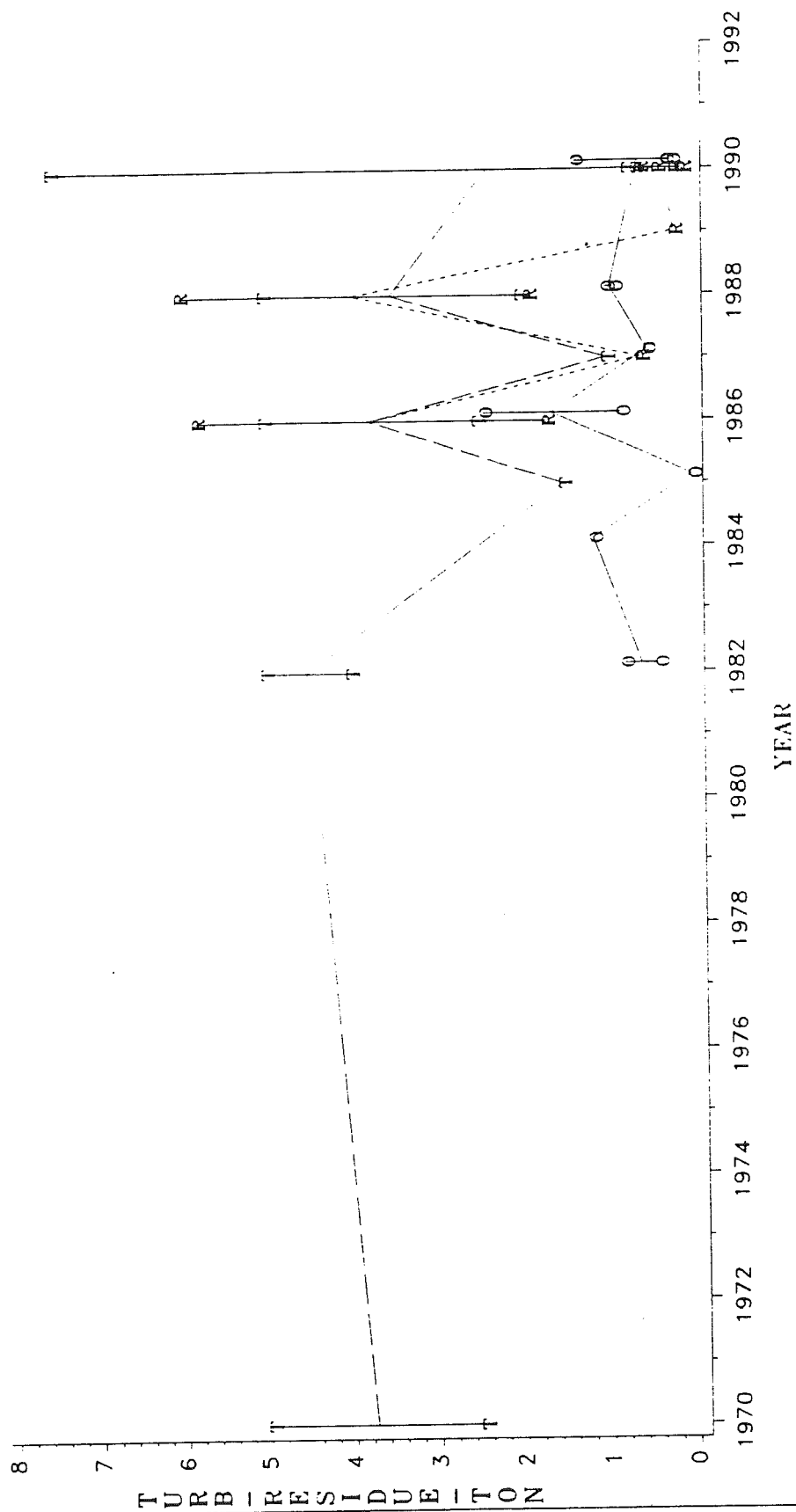
Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS
 ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L)
 SEASON=Autumn SEGMENT=LAS



Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

INLAND BAYS SEASONAL WATER QUALITY ANALYSIS ORGANIC NITROGEN (Mg/L), 50% of TURBIDITY (0.5 FTU), and 10% of NON-FILTERABLE RESIDUE (0.1 Mg/L) SEASON=Autumn SEGMENT=IRF



Turbidity - FTU/2 (T) Total Non-Filterable Residue - PPM/10 (R)
 Organic Nitrogen - PPM (right-shifted O)
 Lines connect means of observations over the season for each year

