

Slide images from the **Walter Munk Papers. SMC 17. Special Collections & Archives, UC San Diego.**

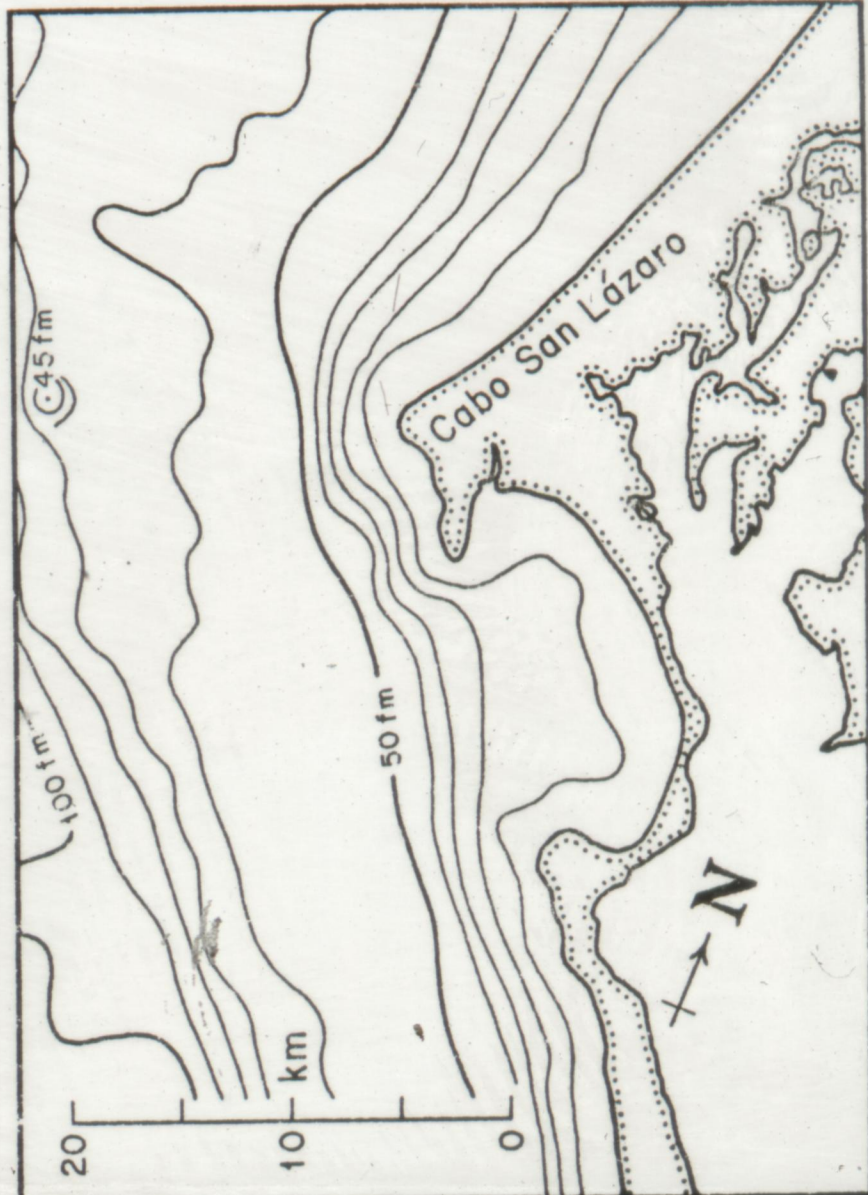
Slide groupings were determined by the original order of Walter Munk's slide collection, and a corresponding inventory. Titles and descriptions were transcribed from Munk's labels and the inventory, with some editing for consistency and clarity.

**Internal waves and small scale processes**

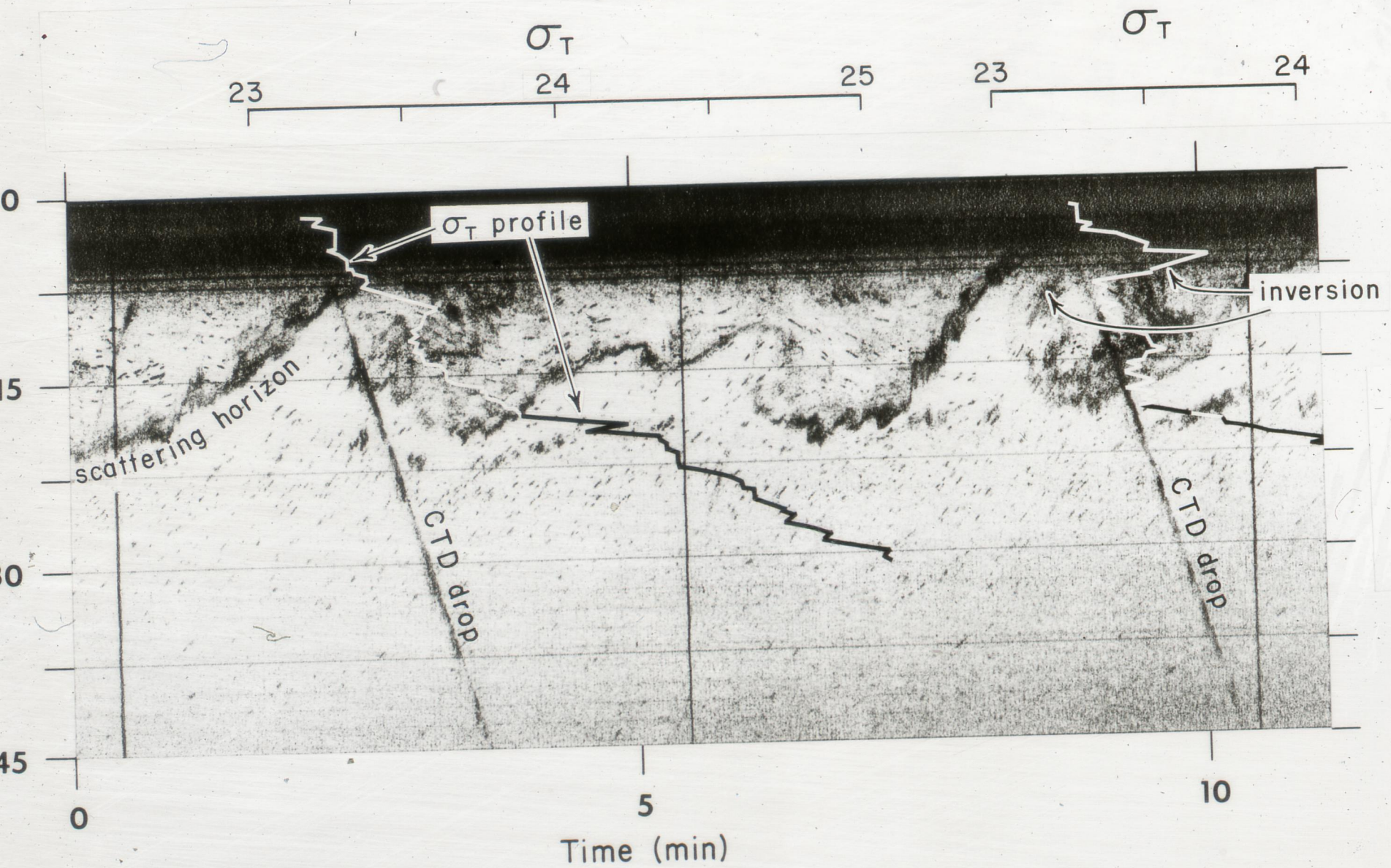
1. Cabo San Lazaro - Photograph and depth chart
2. Chart
3. Contours of relative velocity - Graph, 1977 June
4. Graph
5. Graph
6. Graph
7. Frequency chart
8. Graph
9. Graph
10. Graph
11. Graph
12. Graph
13. Graph
14. Graph with equations
15. Elastic scattering, induced diffusion, and parametric subharmonic instability - Graphs
16. Chart
17. Couette profile and transition layer - Graph
18. California Current - Depth and frequency charts
19. Internal wave and intrusive glob - Chart
20. Internal wave and intrusive glob - Graph
21. Graph
22. Tasaday and Southtow data - Graph
23. Graph
24. Graph
25. Active and fossil - Graphs
26. Vertical displacement and wind stress - Graph, 1974 June-July
27. Kinetic energy and wind stress - Graph, 1977 August-September
28. Graph

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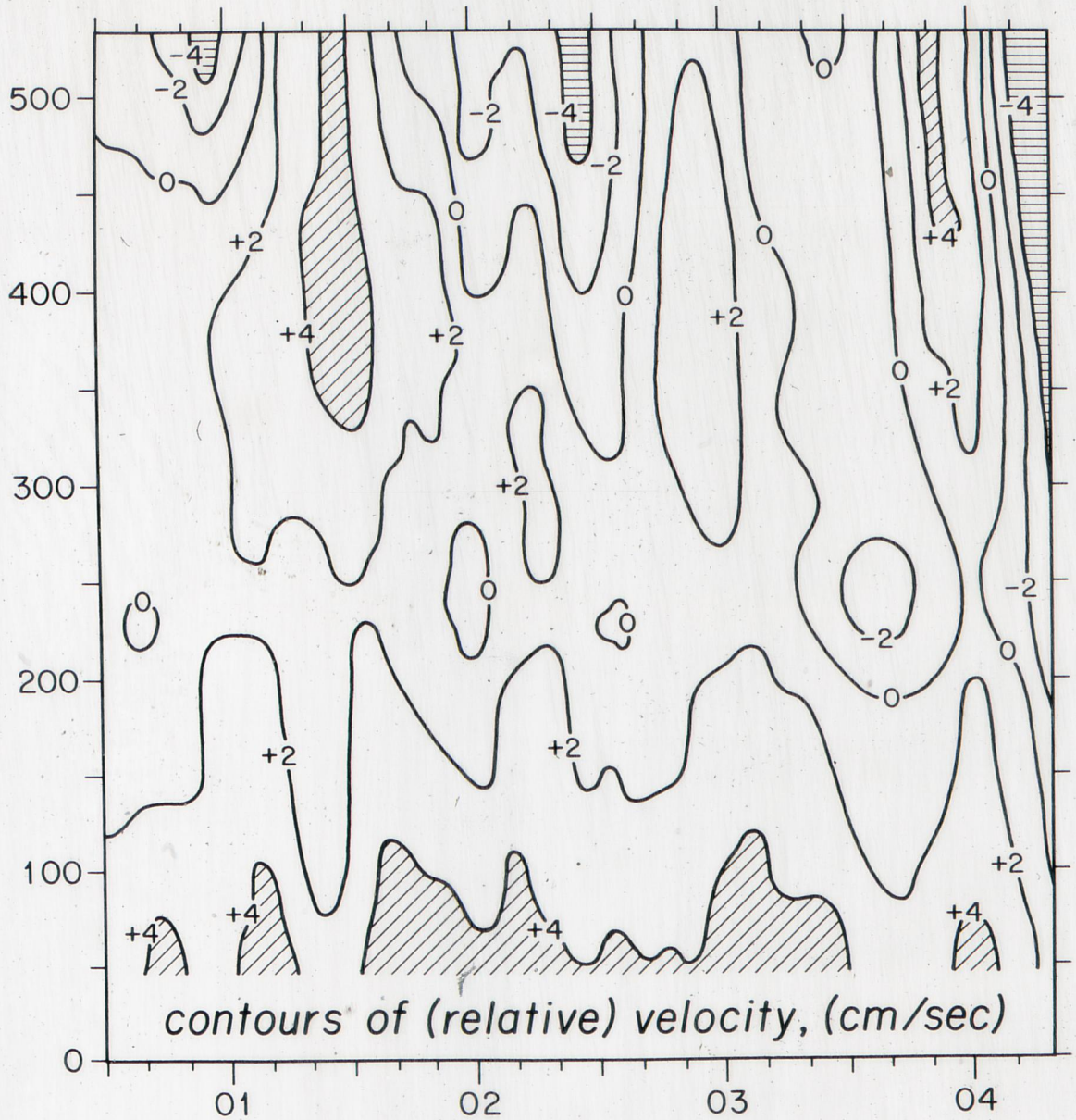
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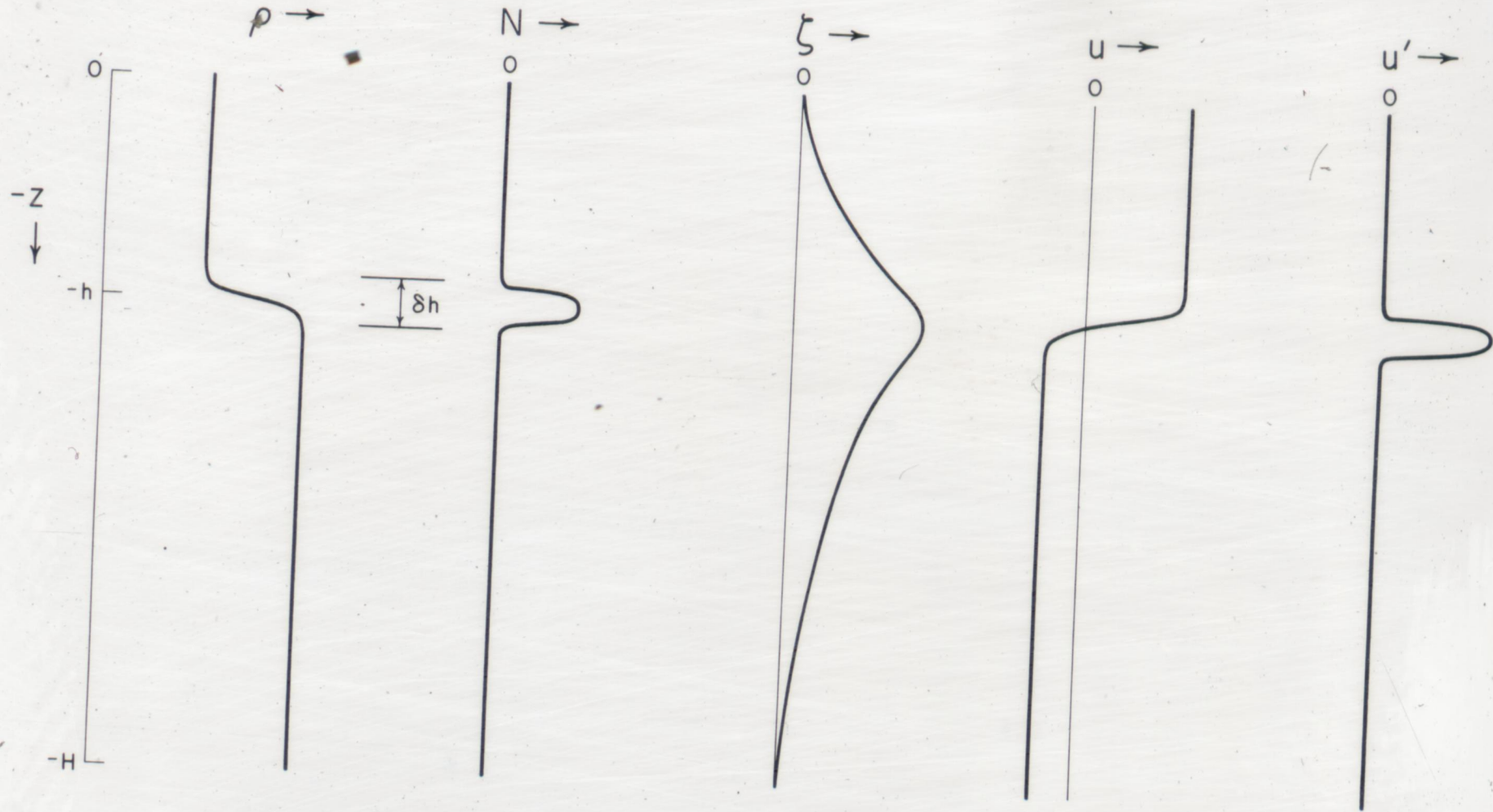


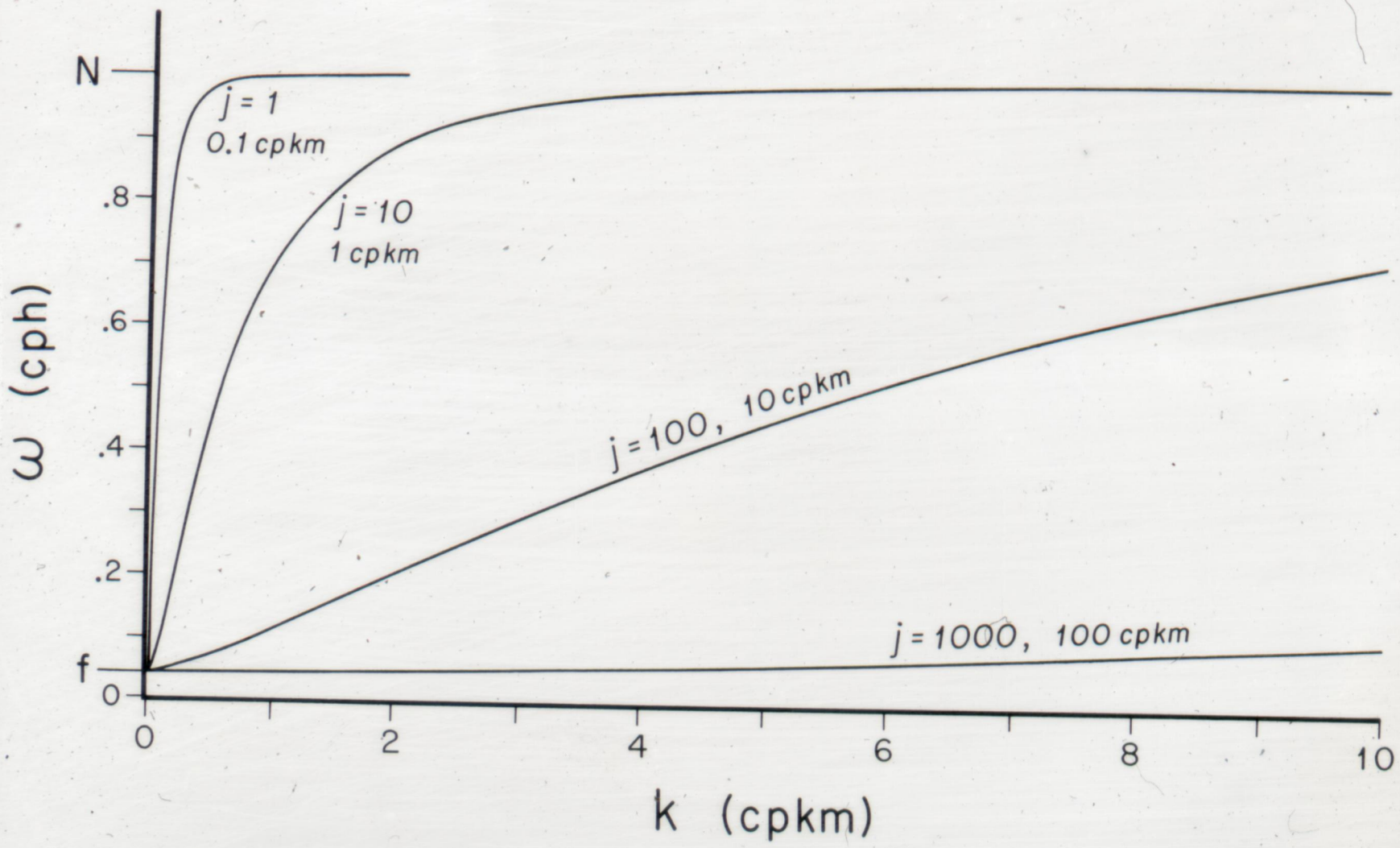




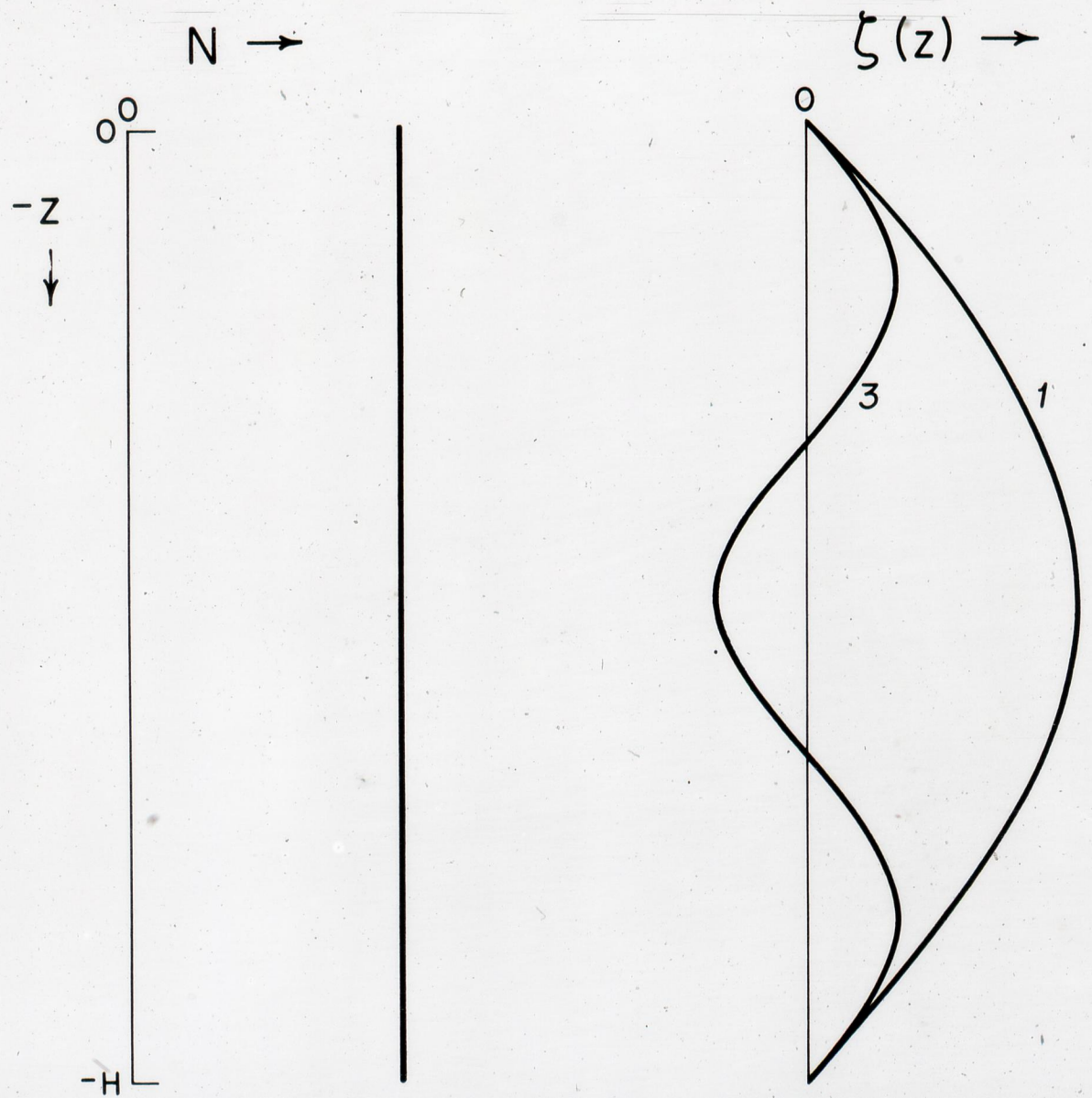
*contours of (relative) velocity, (cm/sec)*

(hrs) 11 June 1977

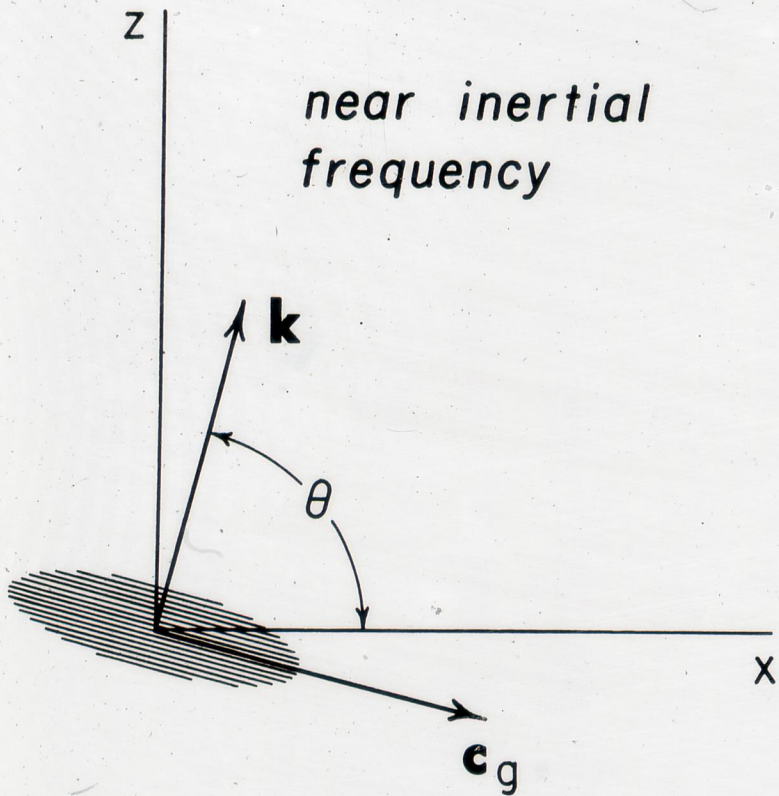




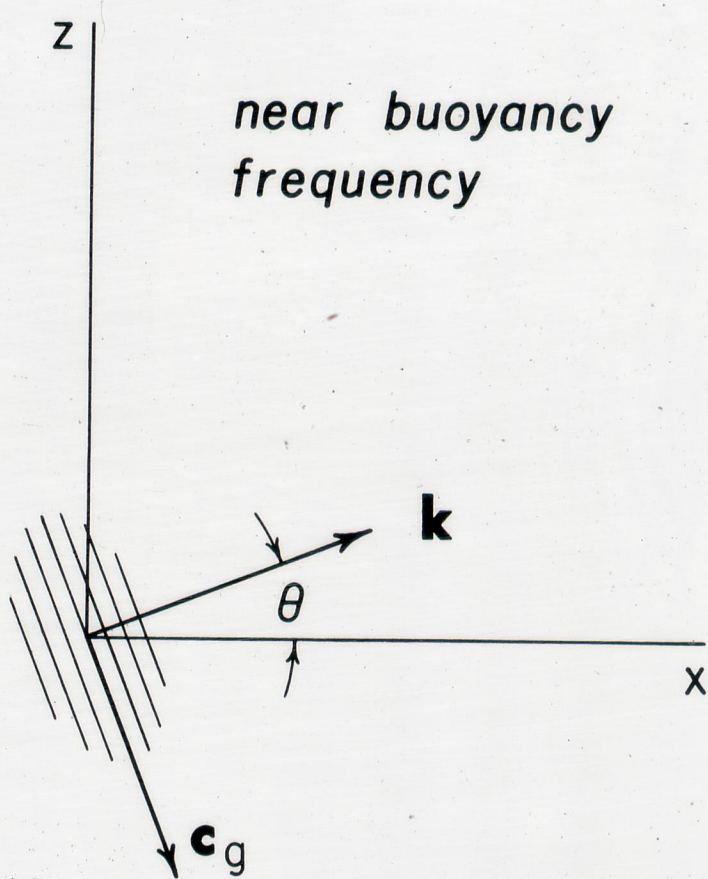


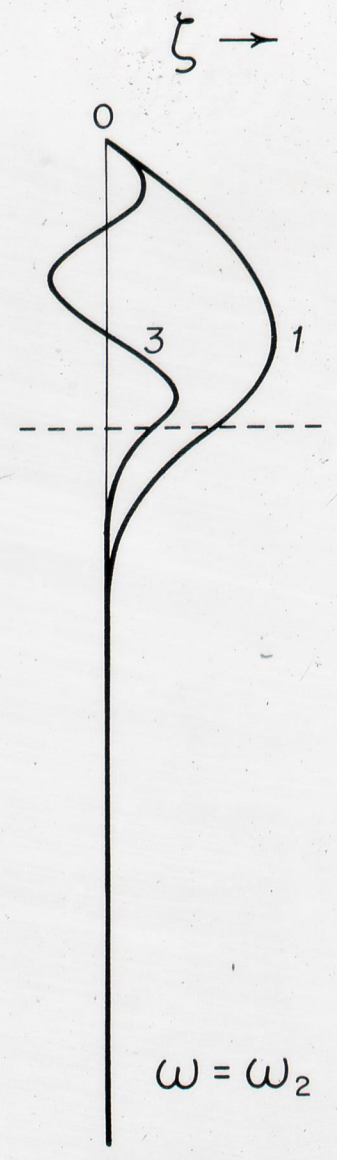
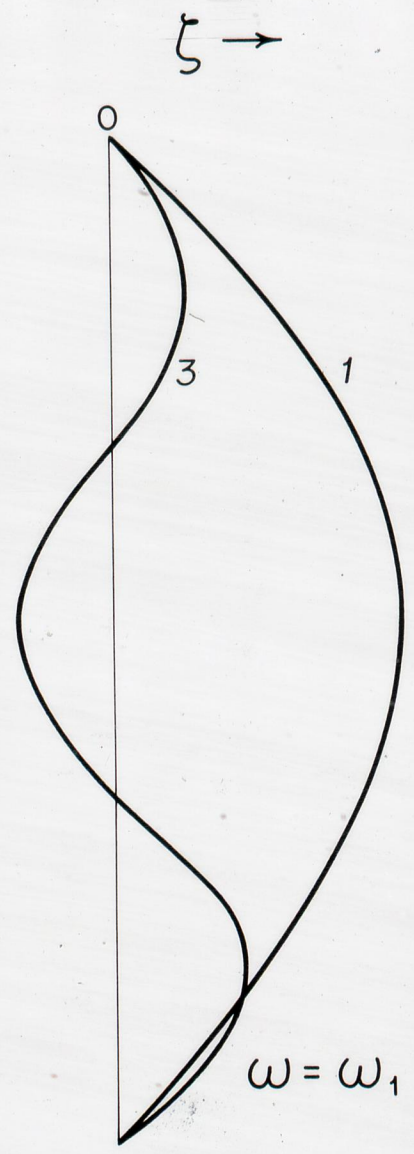
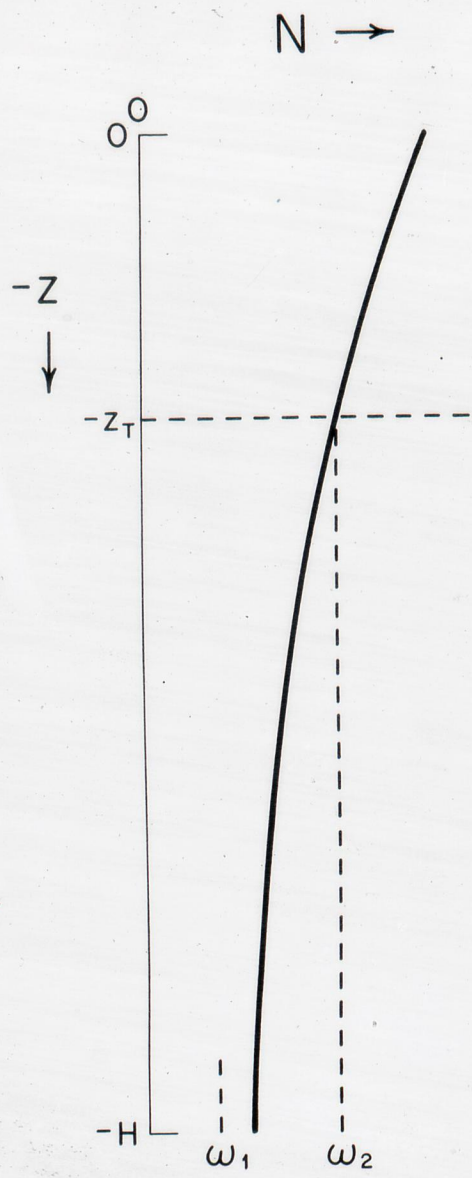


*near inertial  
frequency*

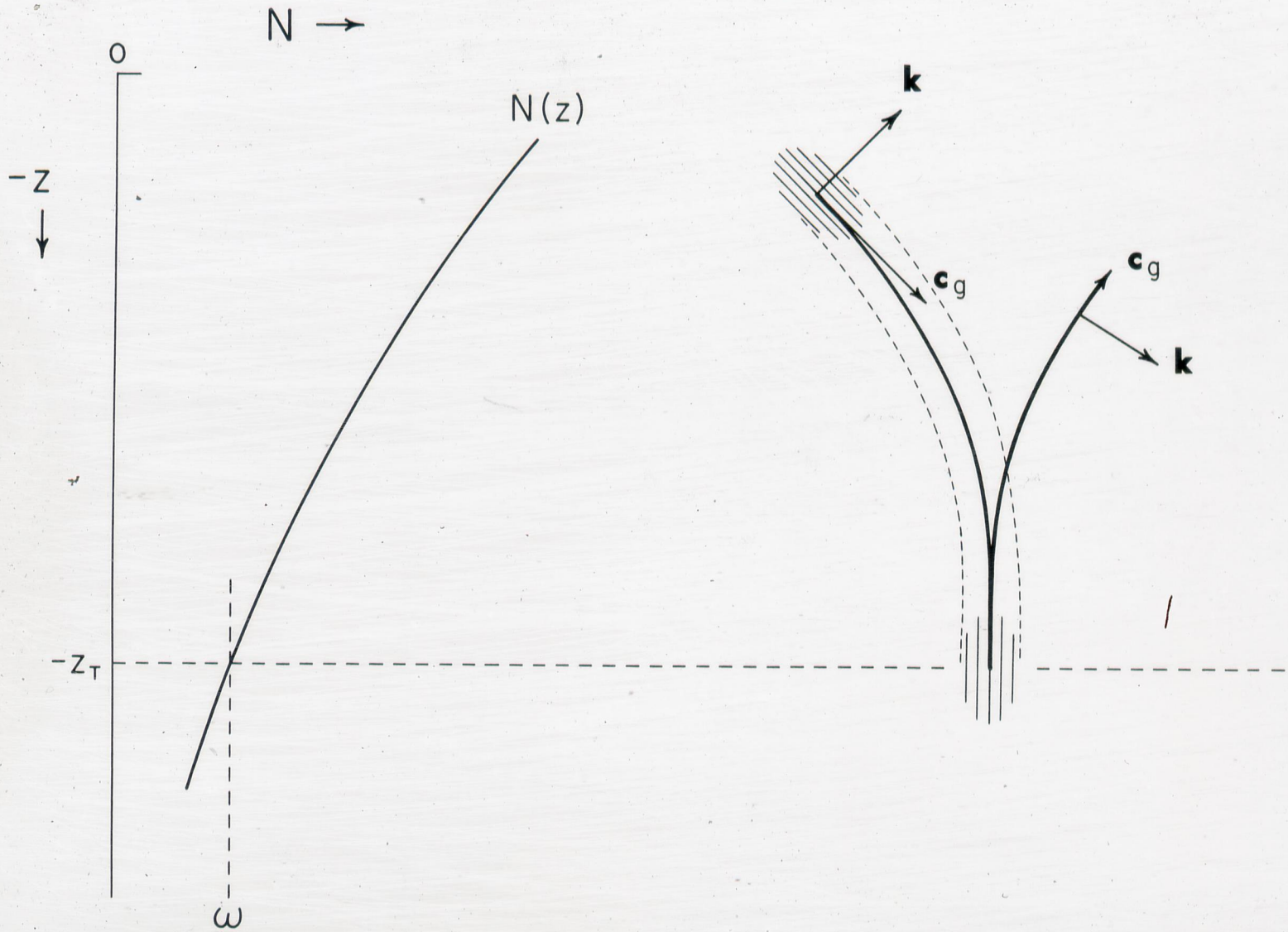


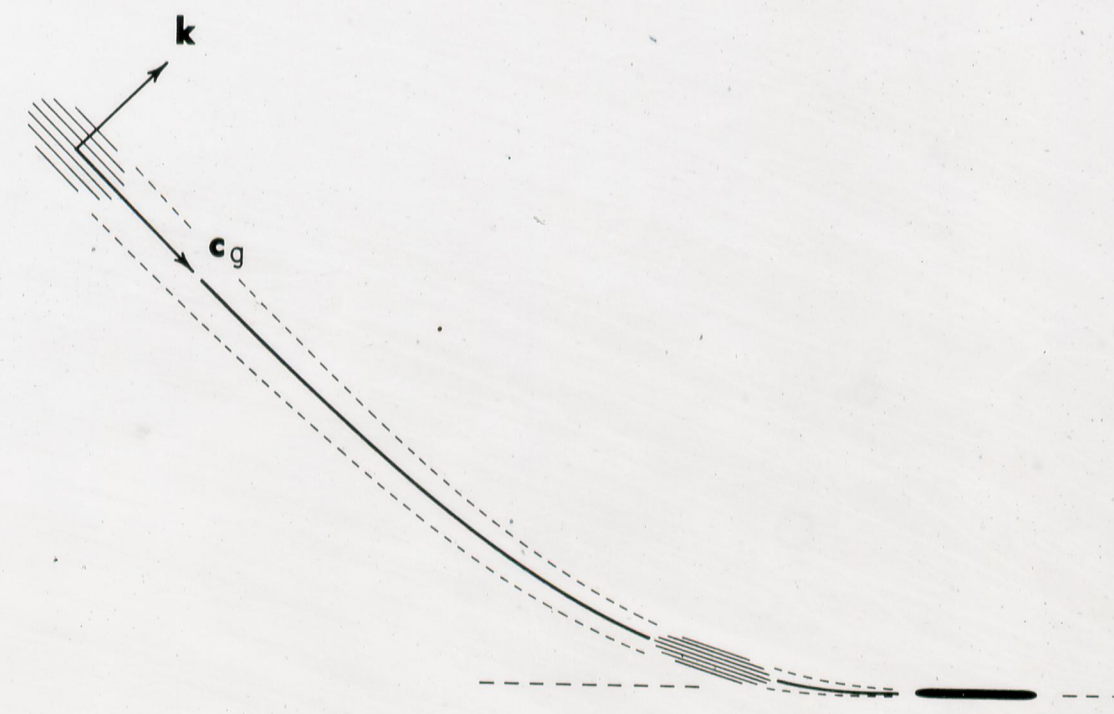
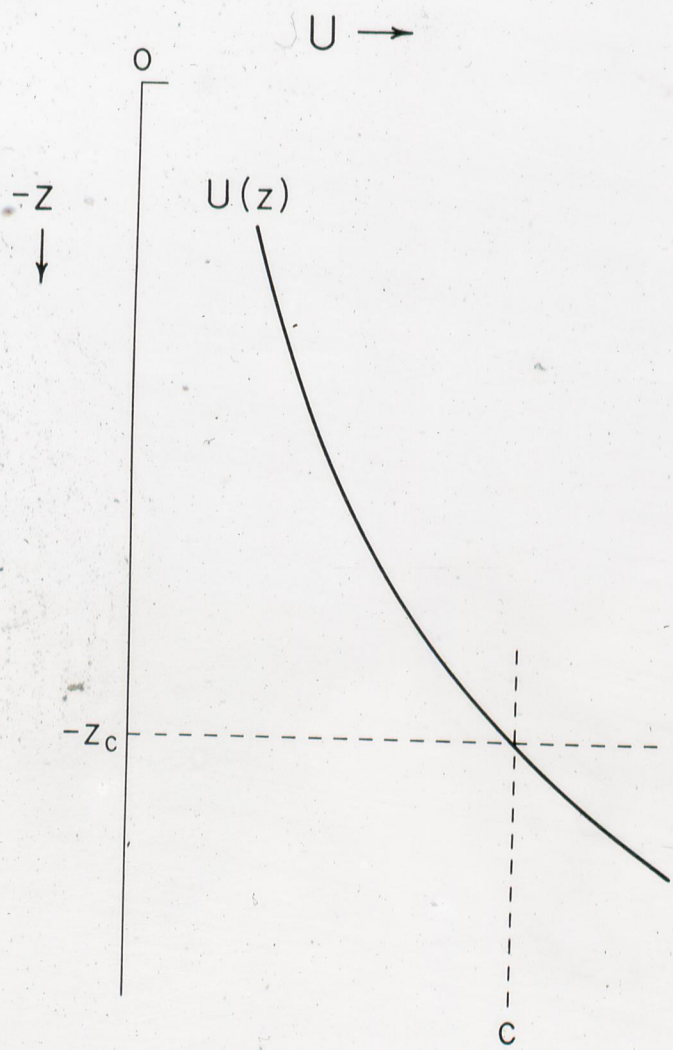
*near buoyancy  
frequency*

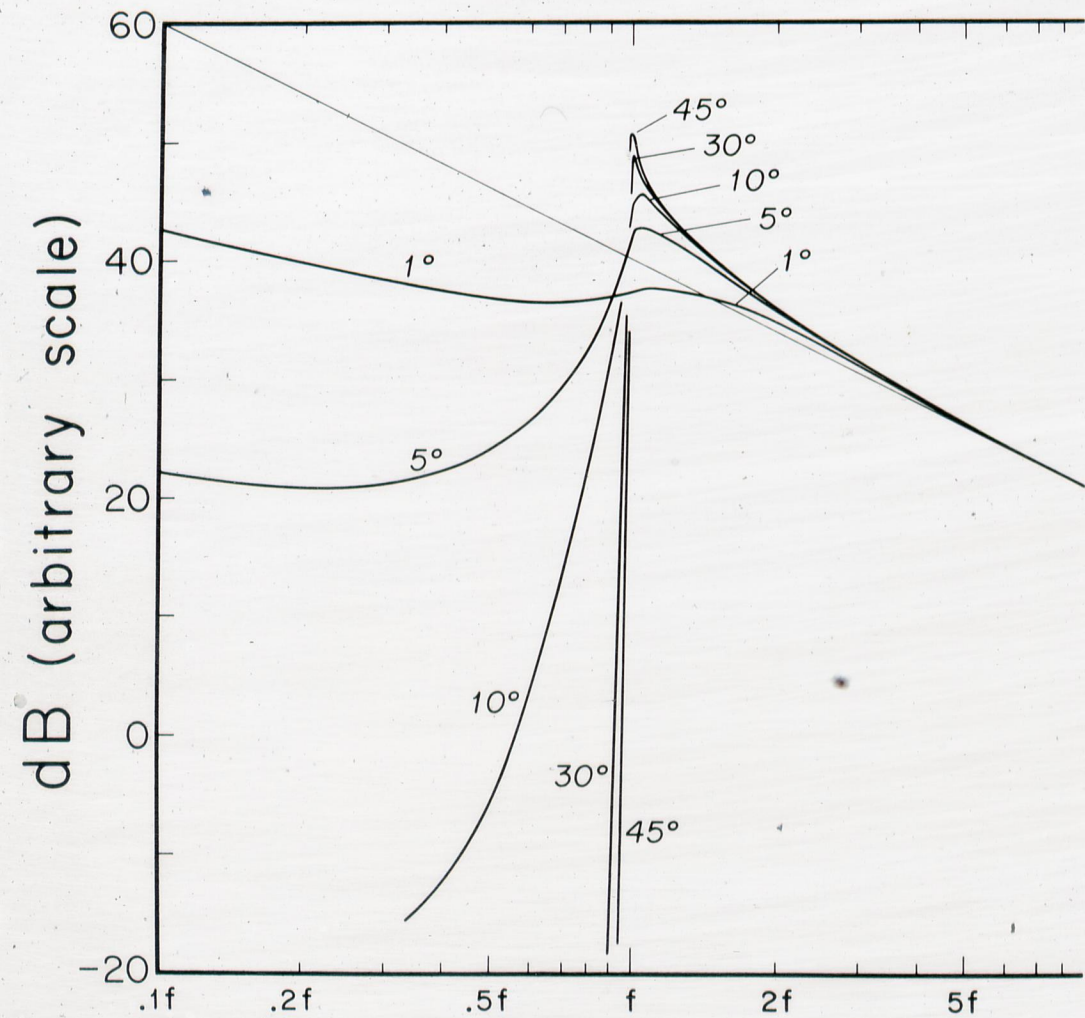




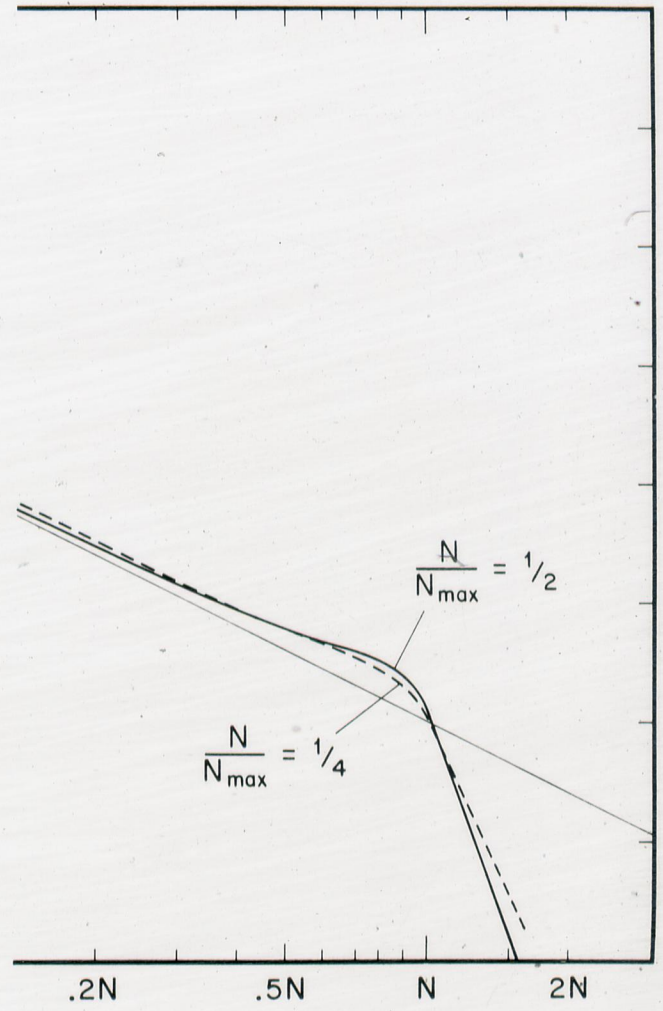




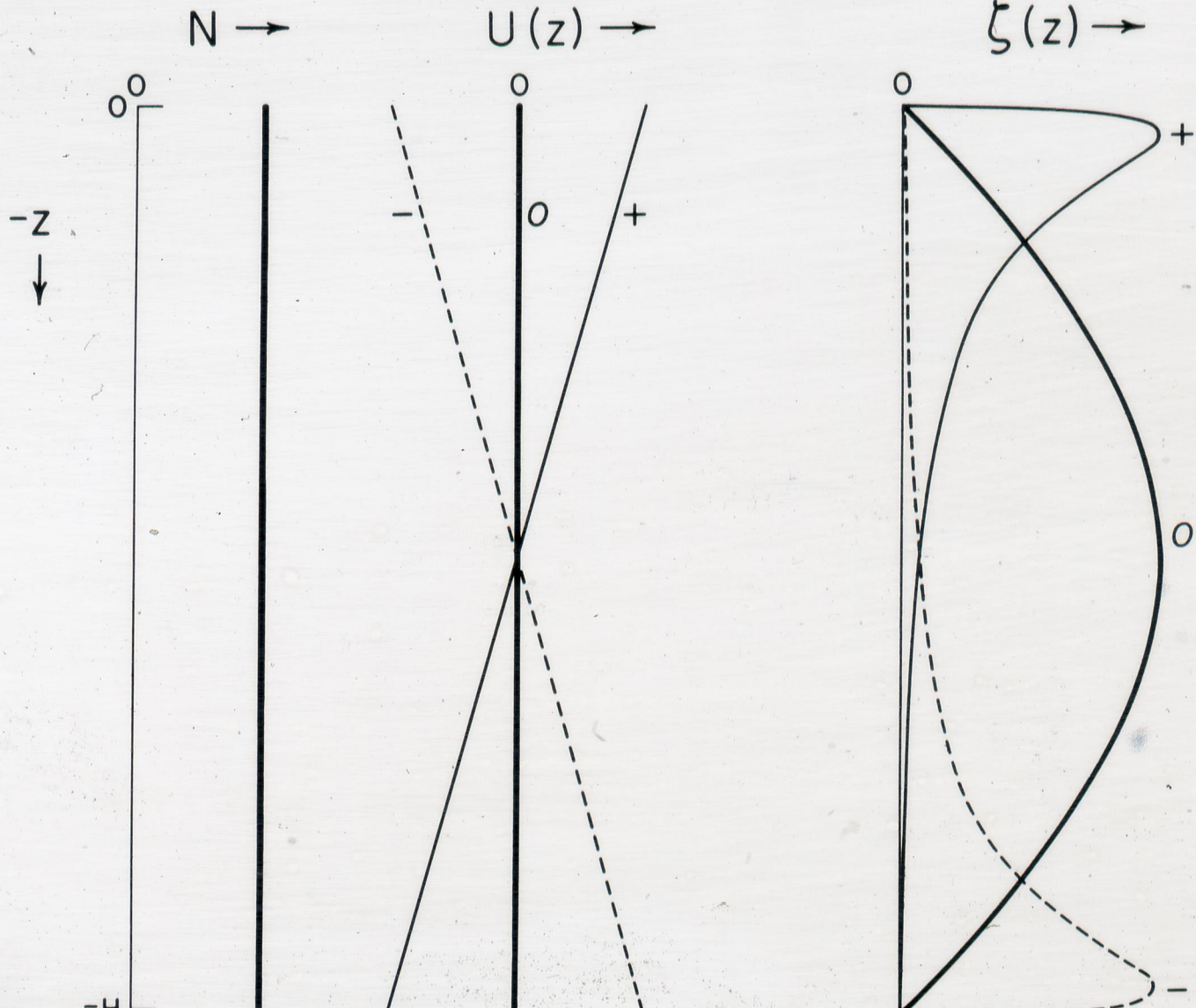


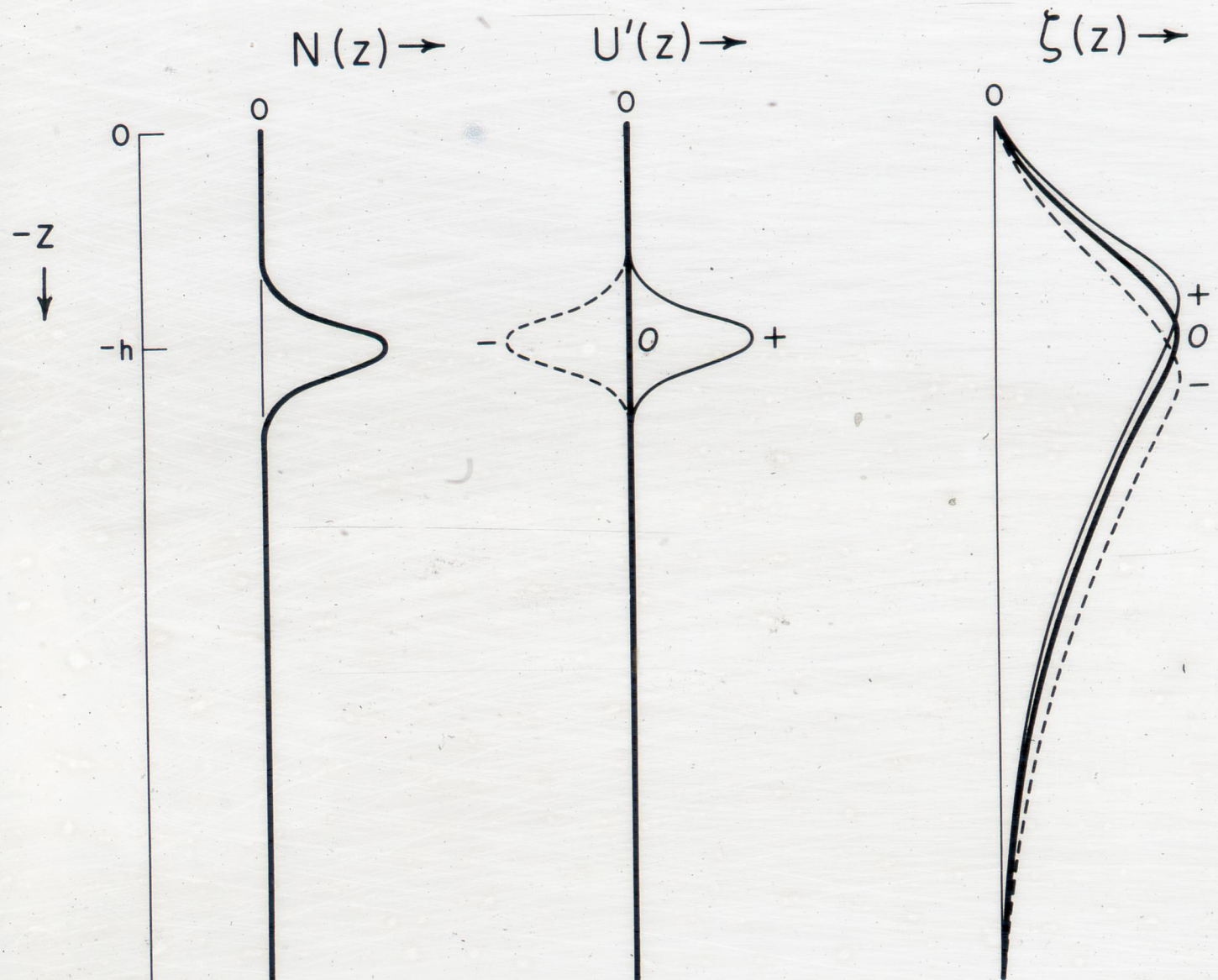


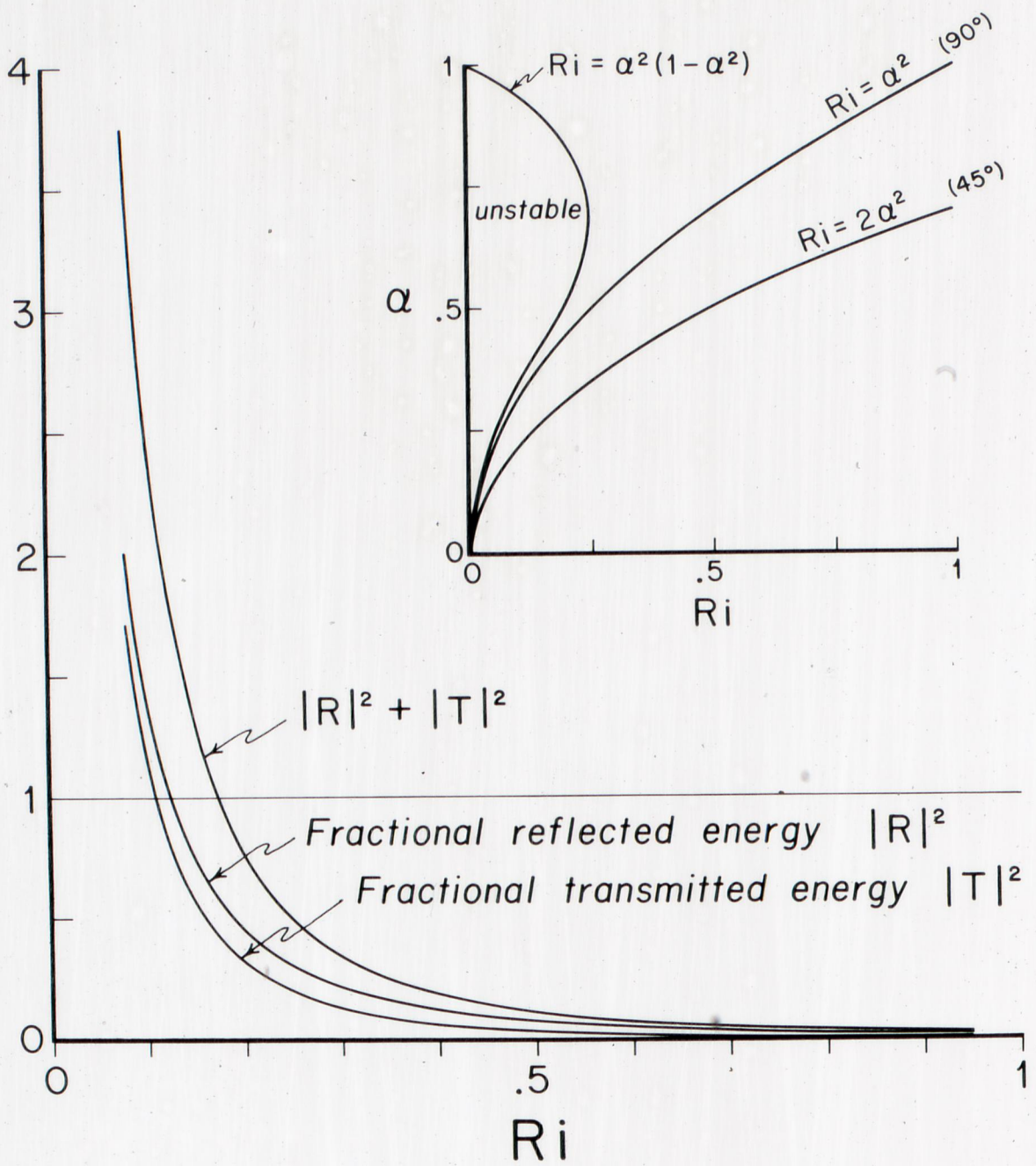
$(\omega)$





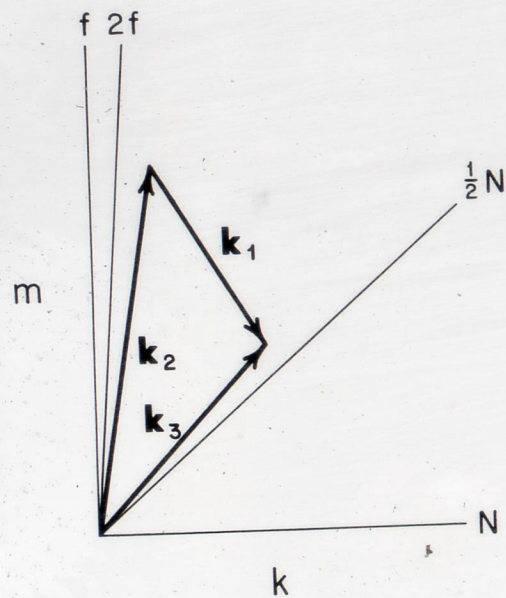




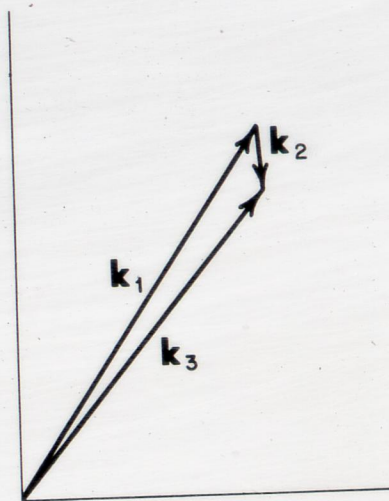




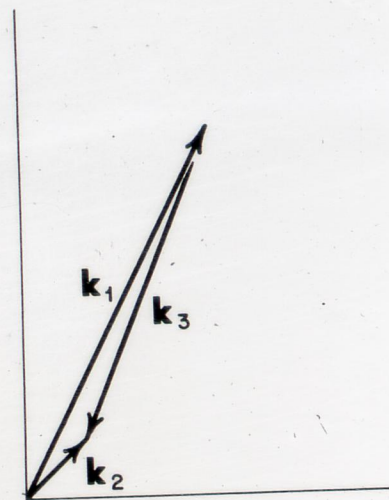
*elastic scattering*

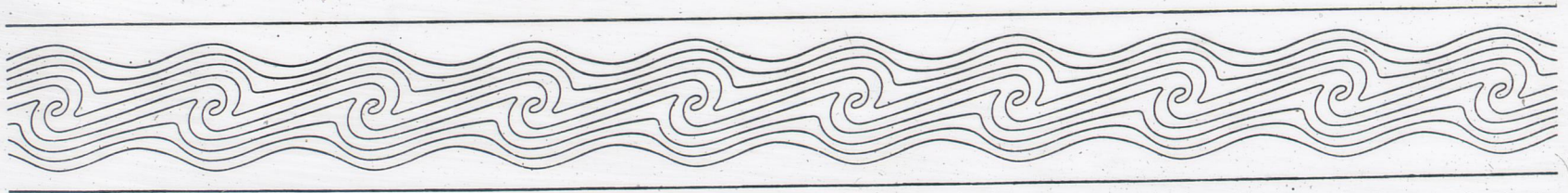
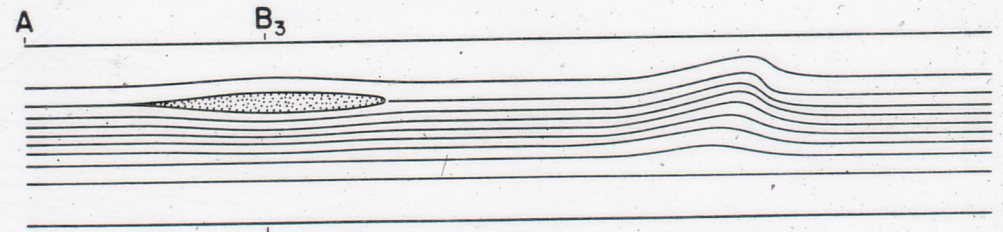
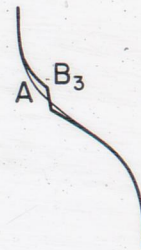
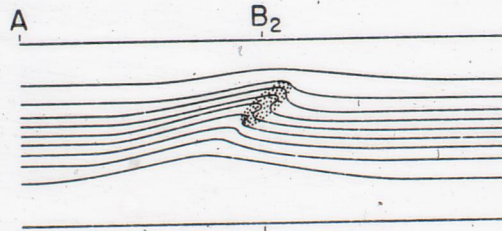
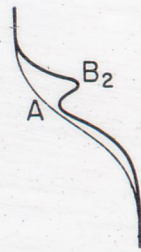
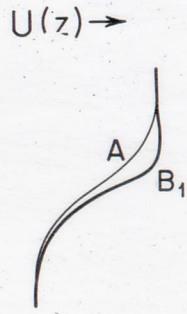
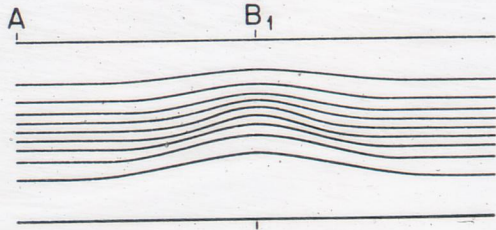
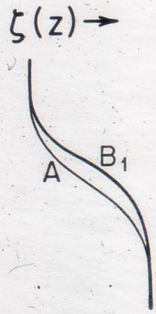


*induced diffusion*

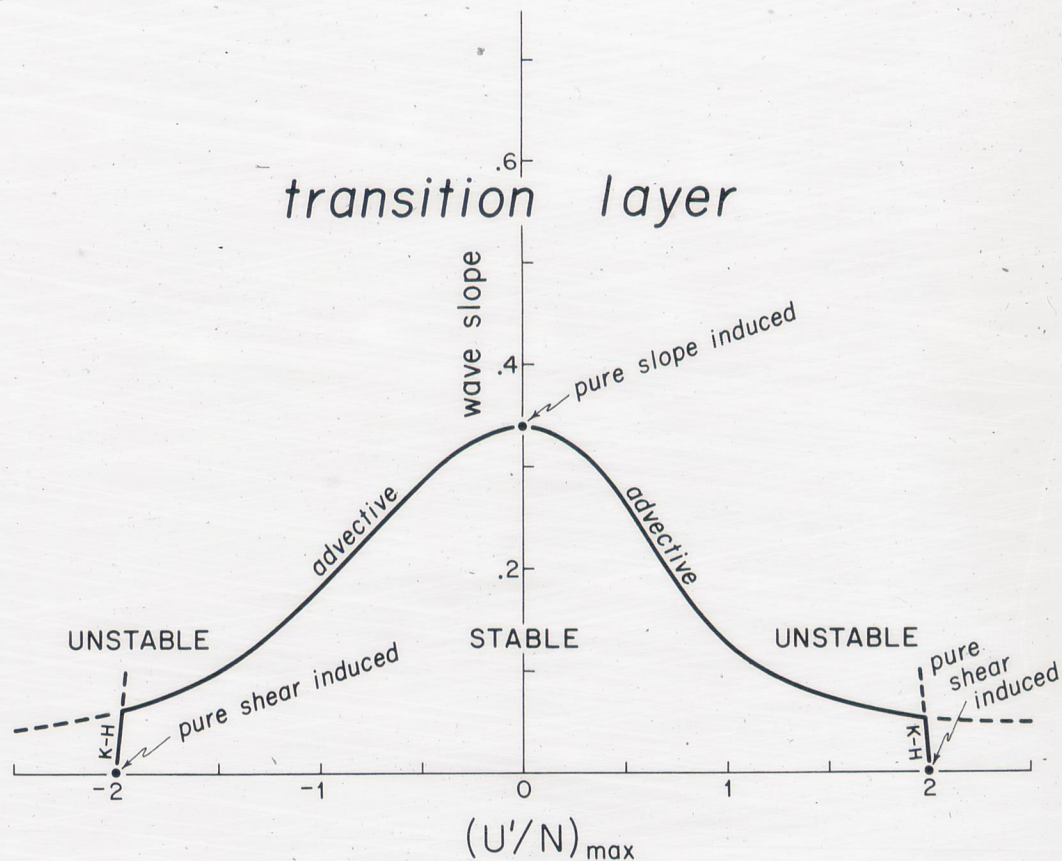
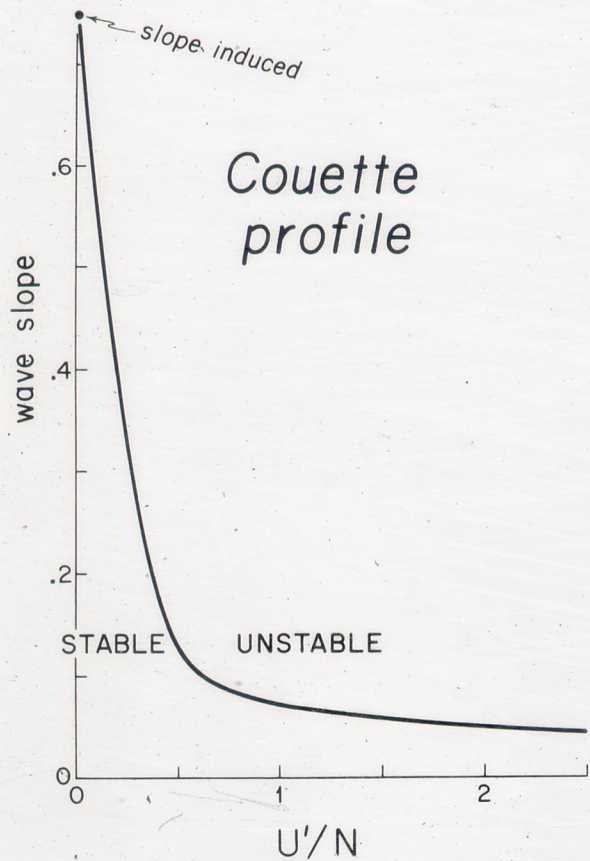


*parametric subharmonic instability*



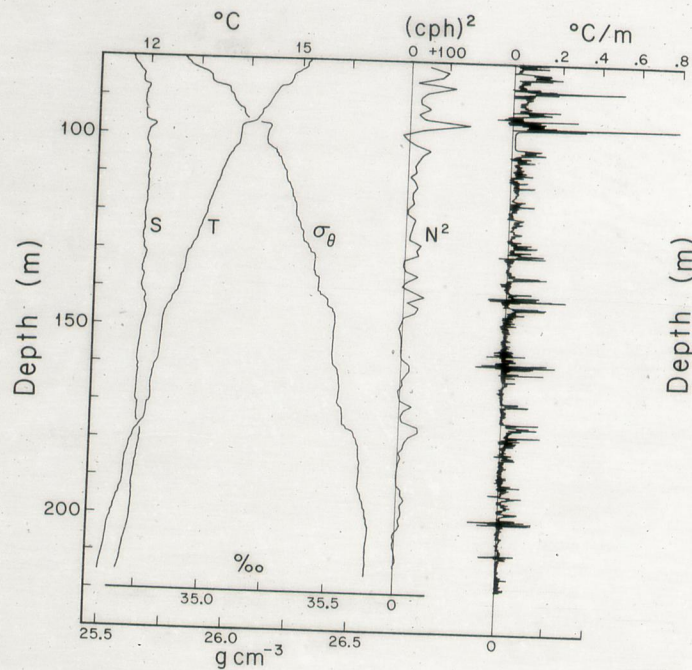




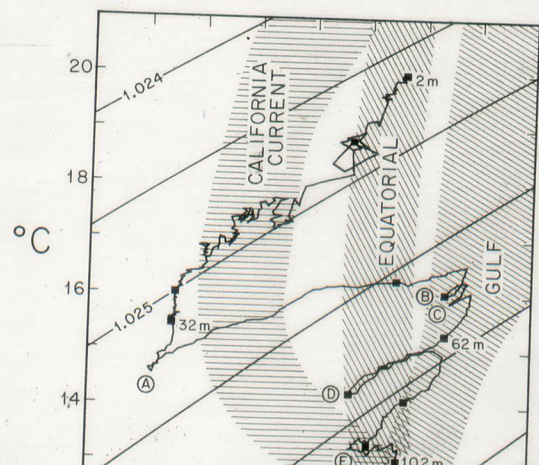
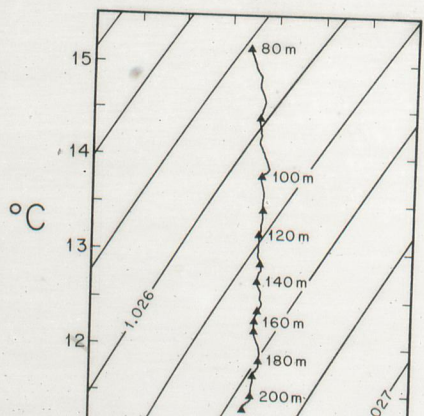
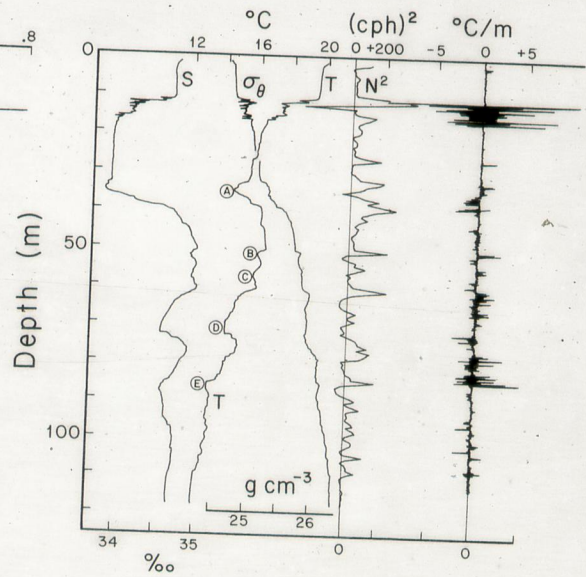




# MR6

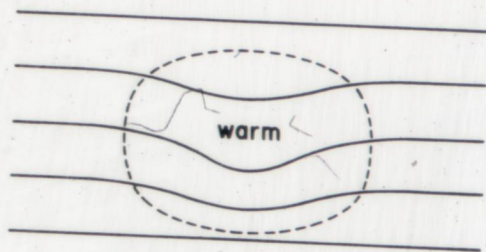
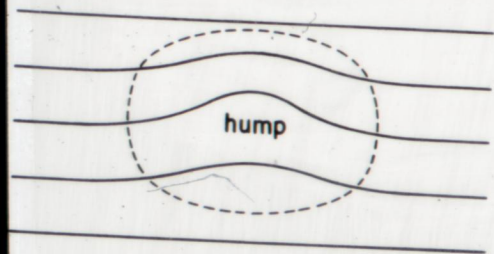


# MR7

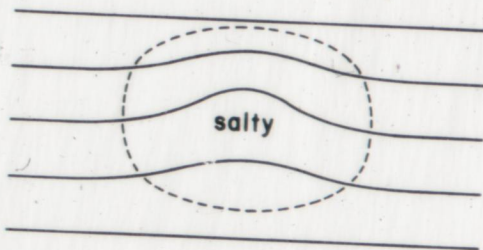
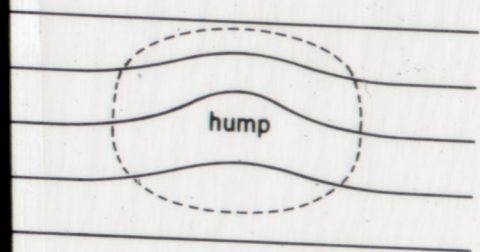


internal wave

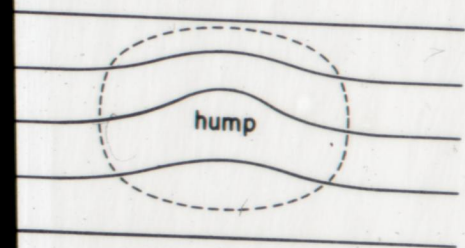
intrusive glob



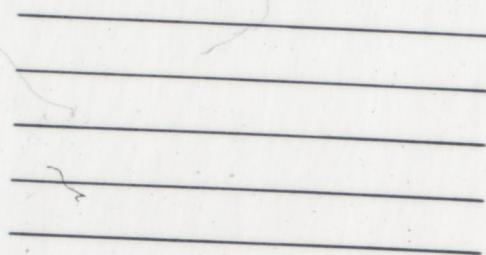
T  
↑



S  
↓

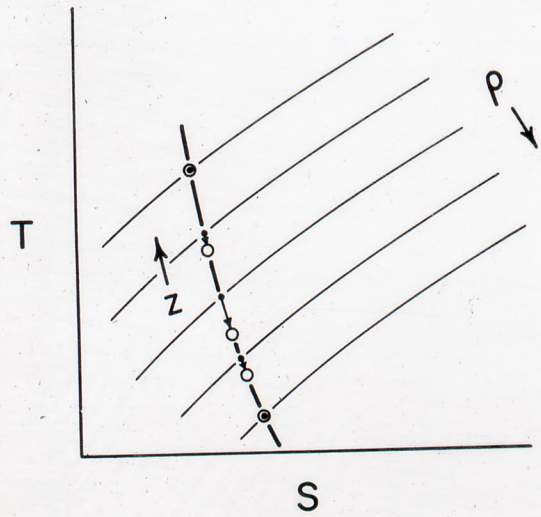


$\rho$   
↓

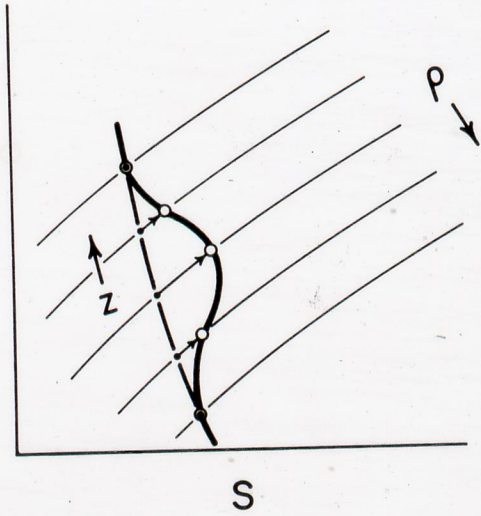




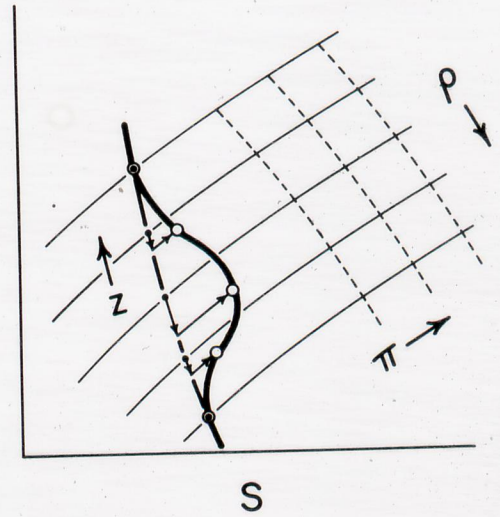
*internal wave*



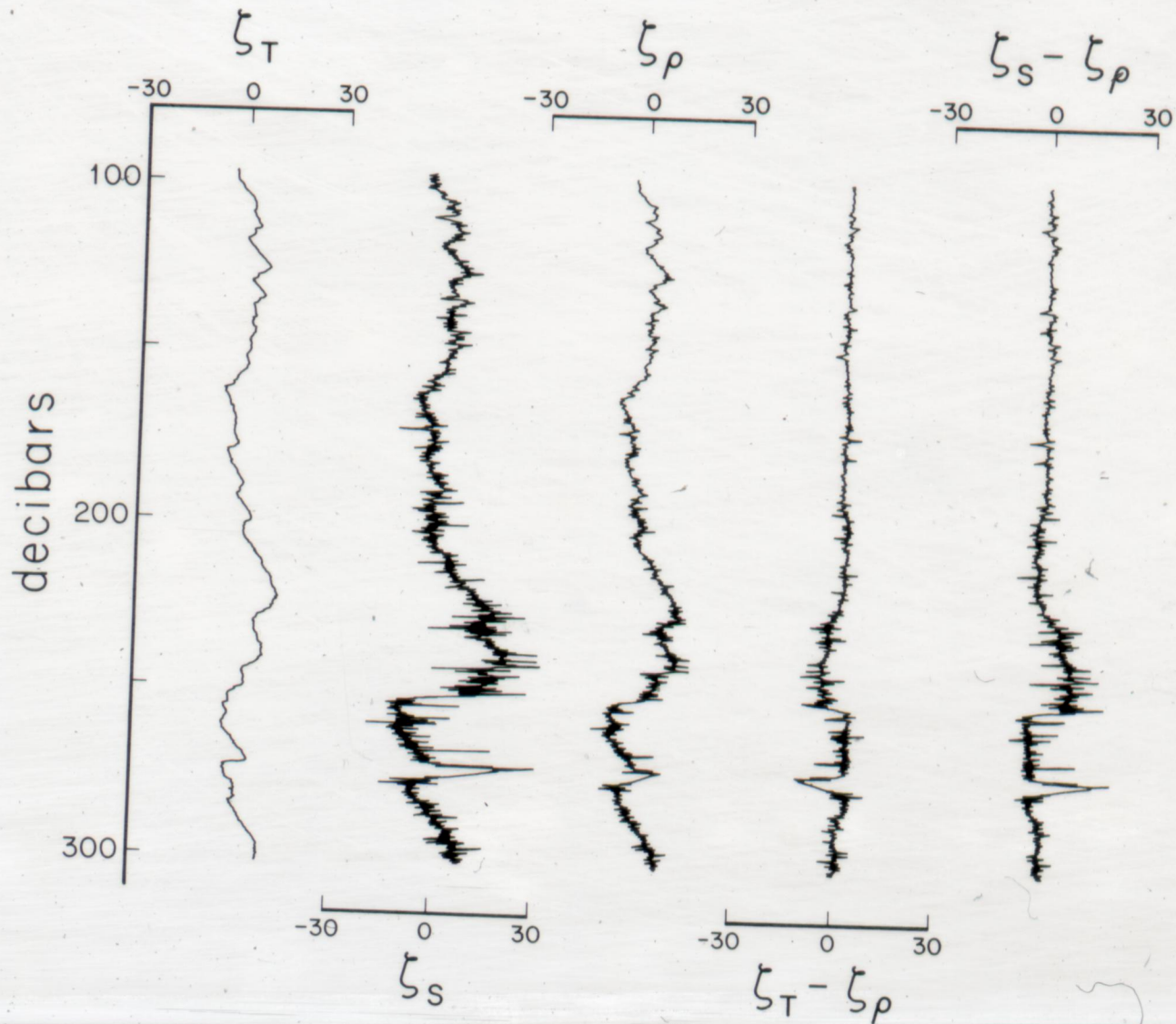
*intrusion*



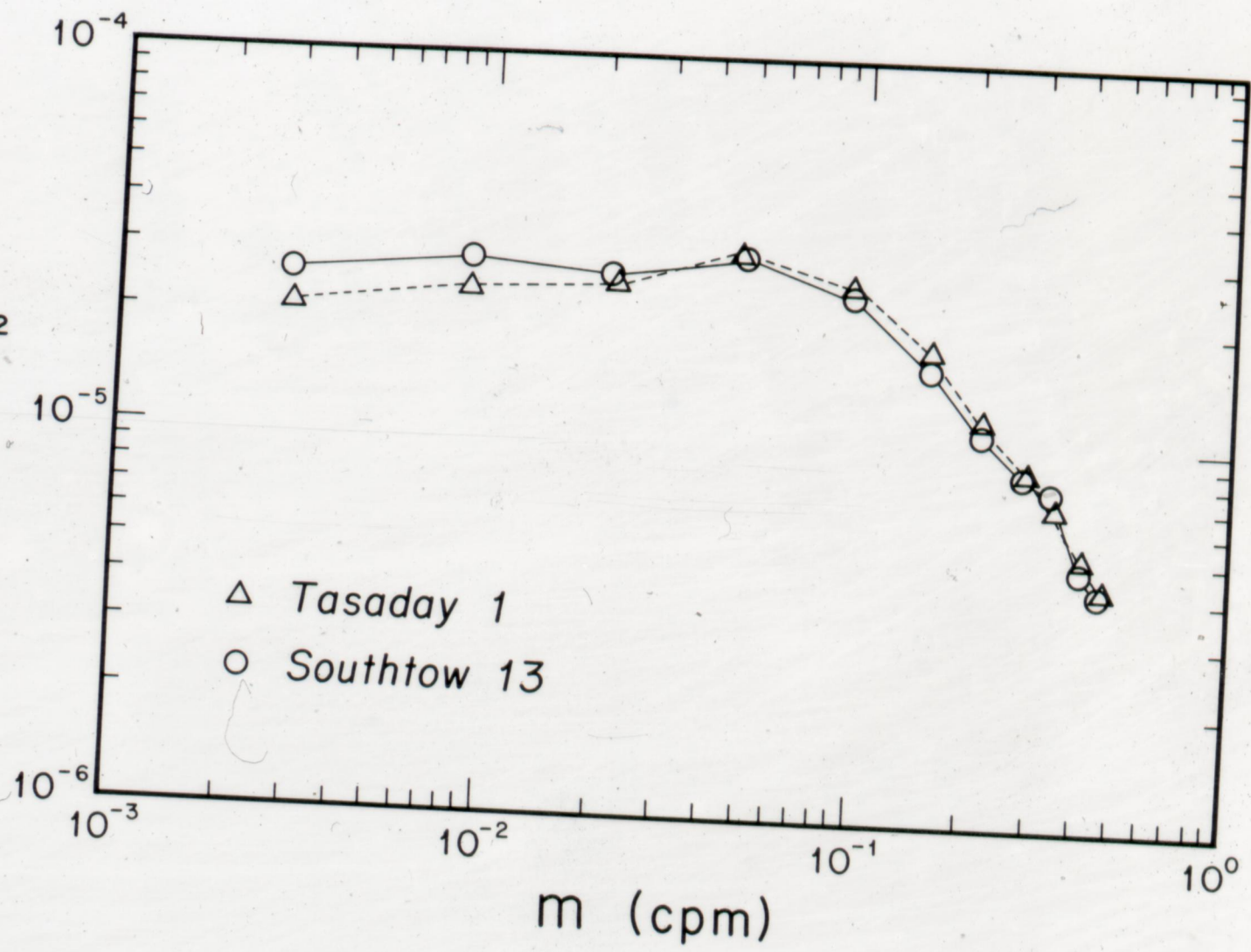
*internal wave plus intrusion*



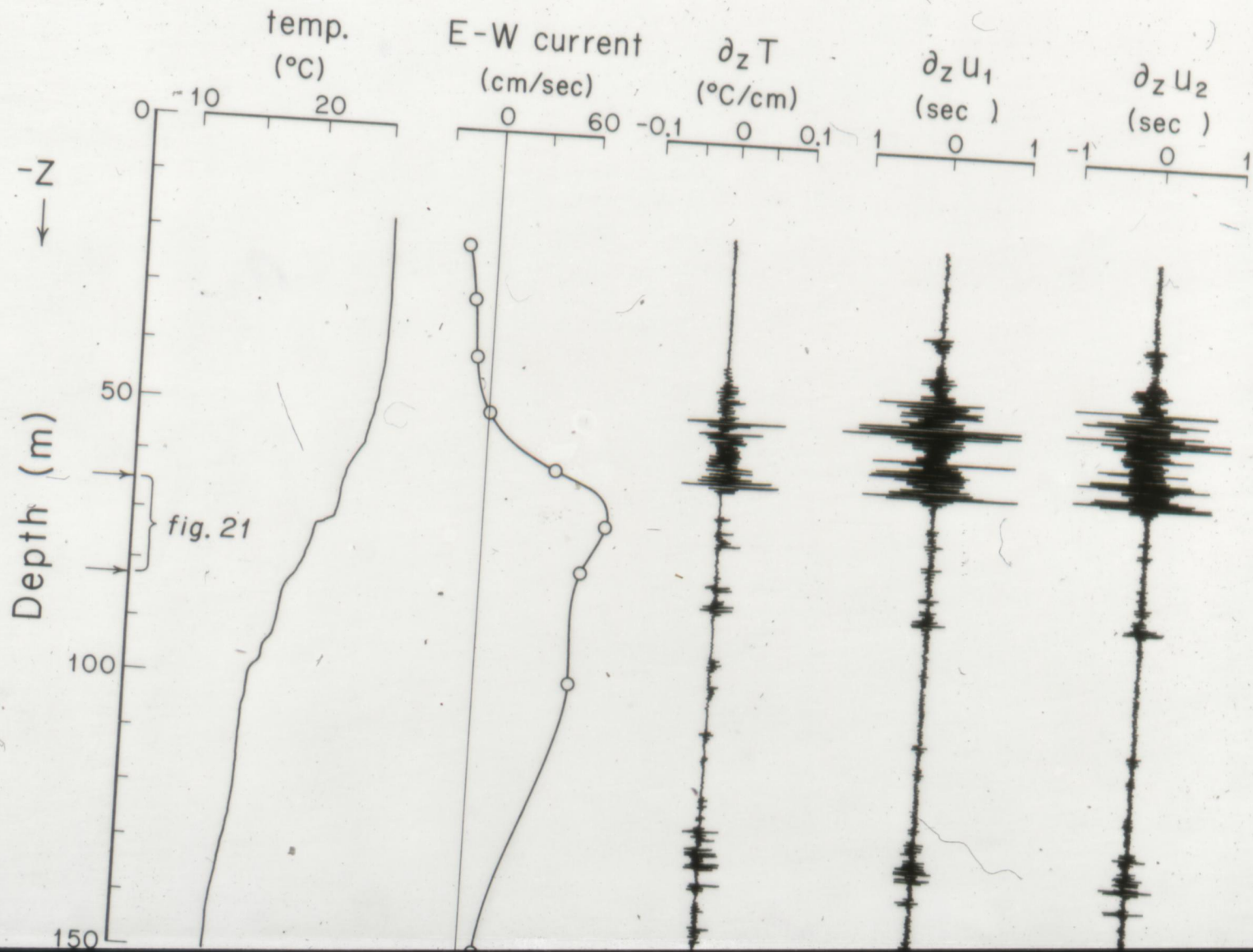




$\frac{(\text{°C m}^{-1})^2}{\text{cpm}}$



$\Delta$  Tasaday 1  
 $\circ$  Southtow 13





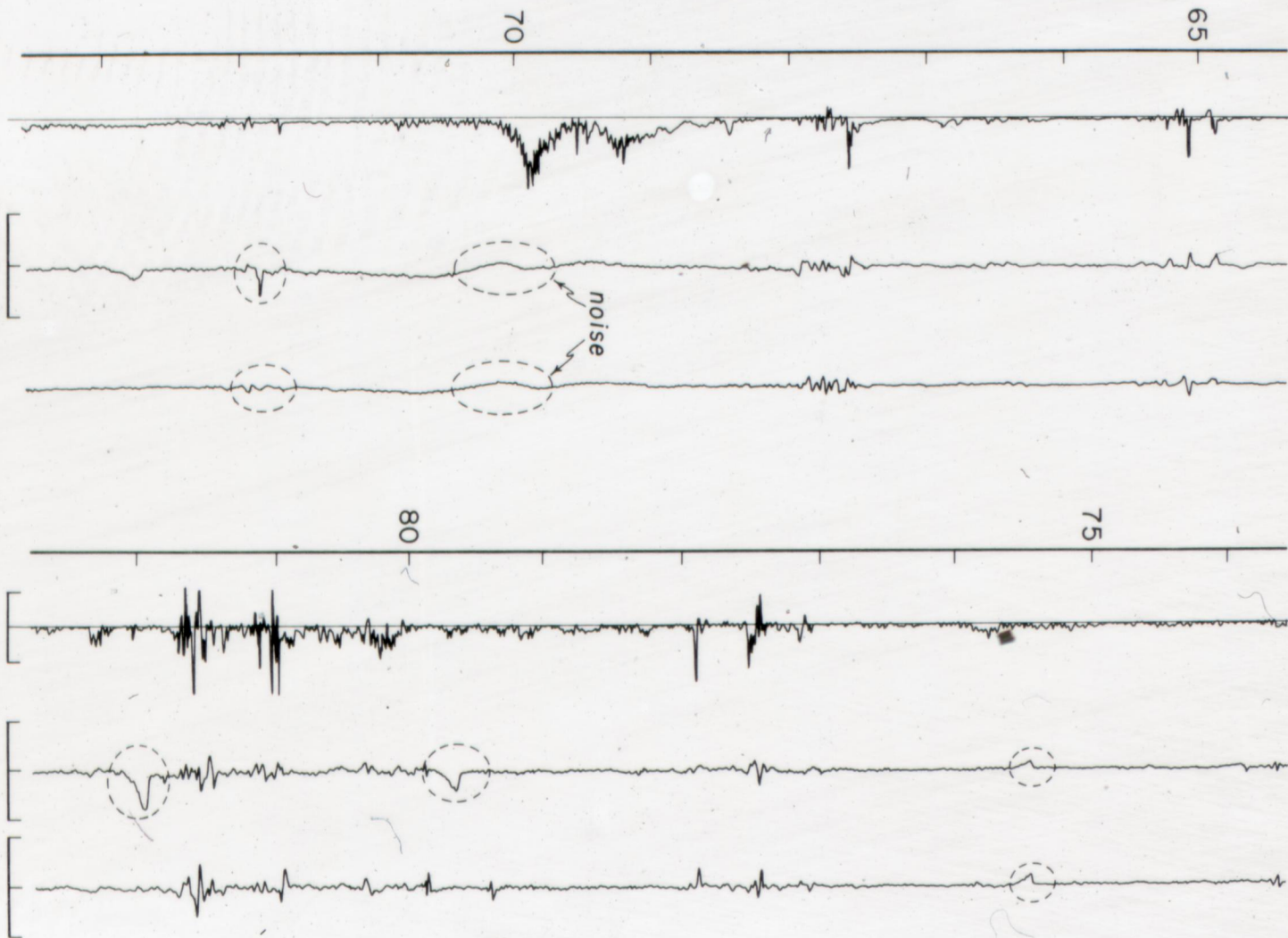
Depth (m)

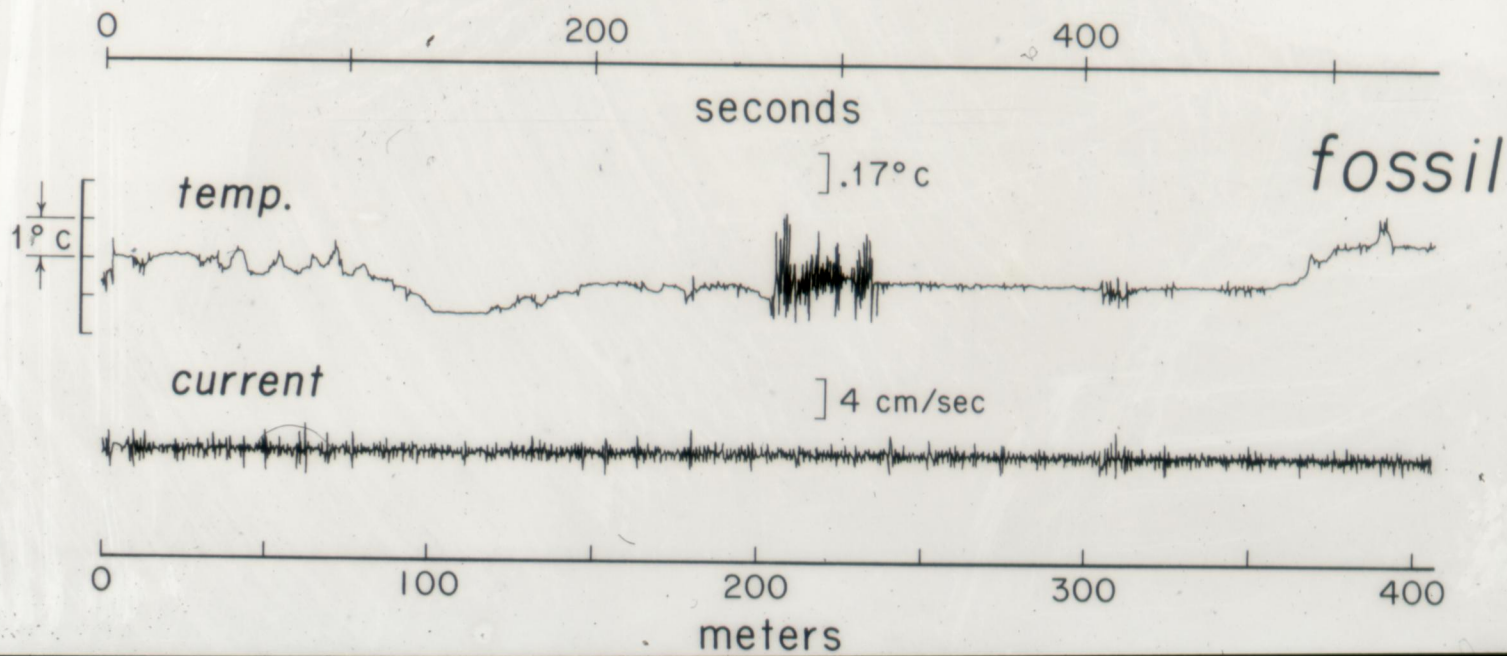
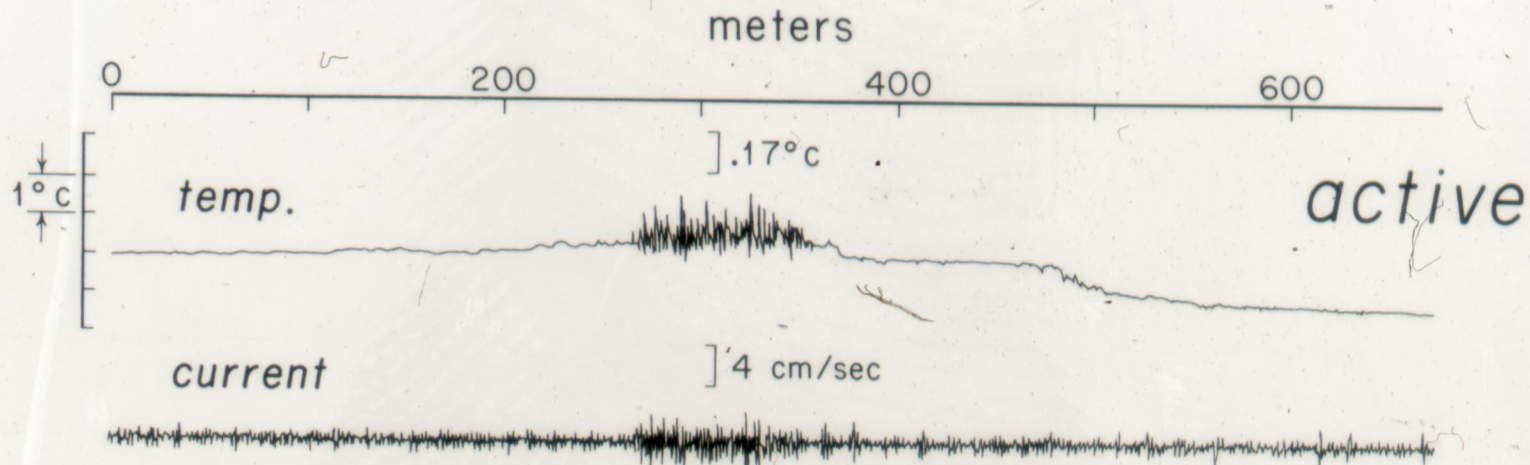
-Z  
↑

$\partial z T$   
( $^{\circ}\text{C}/\text{cm}$ )

$\partial z U_2$   
( $\text{sec}^{-1}$ )

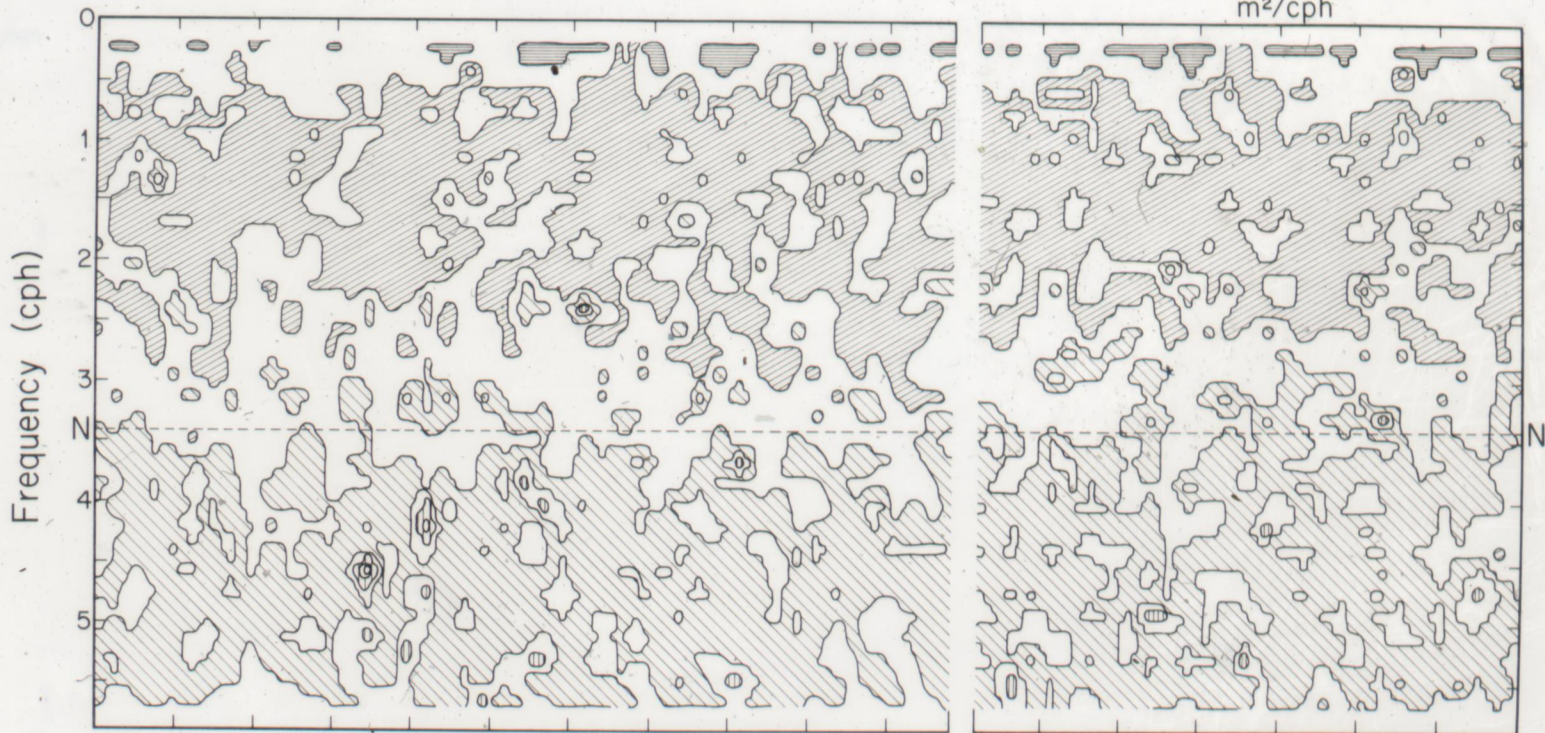
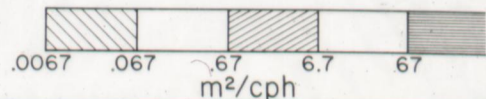
$\partial z U_1$   
( $\text{sec}^{-1}$ )







spectrum of vertical displacement



wind stress

