

Fig. 97-11.1-0 wind field geometry for the diagonal front Case V

#9

1.5 -

CASE 5

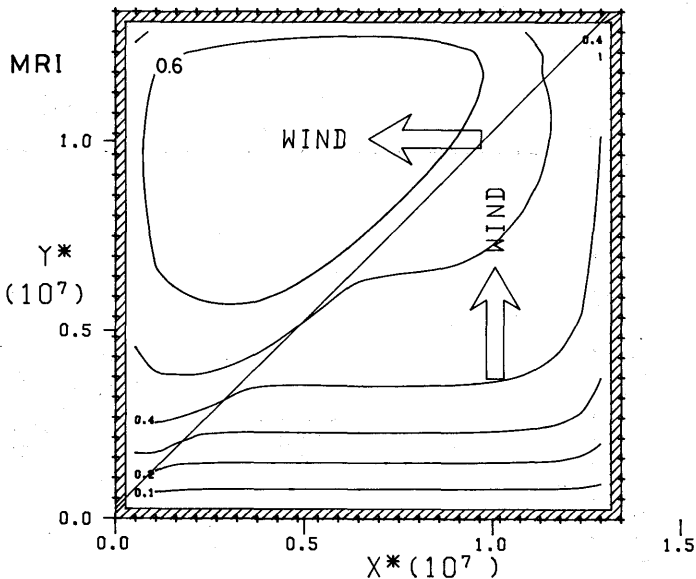
DX : 40 KM, DT : 1.0 HOUR  
 IMAX=26 : JMAX=26  
 X EXTENT:0-1000 KM  
 Y EXTENT:0-1000 KM

DIR. OF WIND : SOUTH  
 BELOW THE FRONT EAST

ABOVE THE FRONT EAST  
 VEL. OF WIND : 20 M/SEC

TIME 72 HOURS  
 T\* IS 2972764.

CONTOURS OF SCALED E  
 ON INTERVAL 0.1



1.5 -

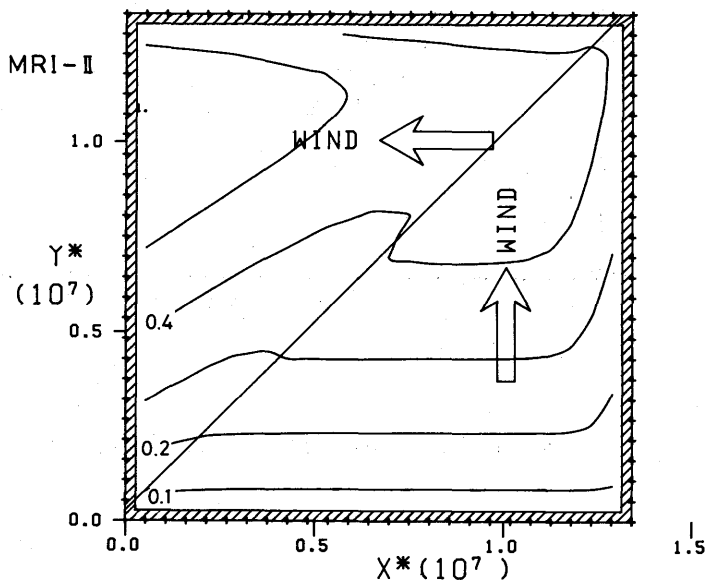


Fig. 98-0-26 contours of  $E/E_{PM}$  vs.  $X^*$  and  $Y^*$

#10

1.5 -

CASE 5

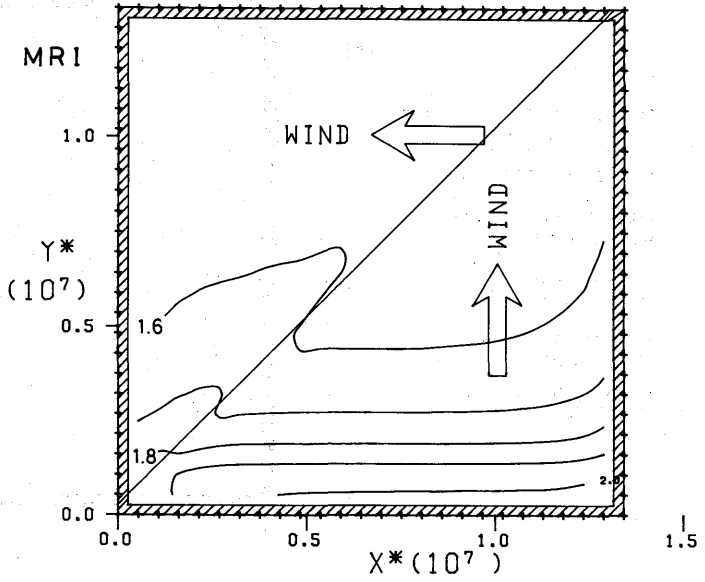
DX : 40 KM, DT : 1.0 HOUR  
 IMAX=26 : JMAX=26  
 X EXTENT:0-1000 KM  
 Y EXTENT:0-1000 KM

DIR. OF WIND : SOUTH  
 BELOW THE FRONT EAST

ABOVE THE FRONT WEST  
 VEL. OF WIND : 20 M/SEC

TIME 72 HOURS  
 T\* IS 2972764.

CONTOURS OF  $\bar{f}/f_{PM}$   
 ON INTERVAL 0.1 FOR  
 RANGE 1 TO 2, 0.5 FOR  $>2$



1.5 -

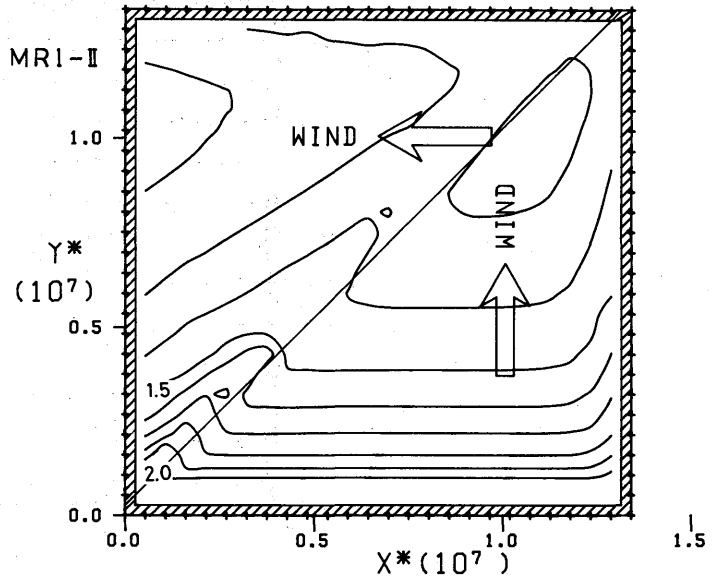


Fig. 99-0-27 contours of  $\bar{f}/f_{PM}$  vs.  $X^*$  and  $Y^*$

#11

1.5 -

CASE 5

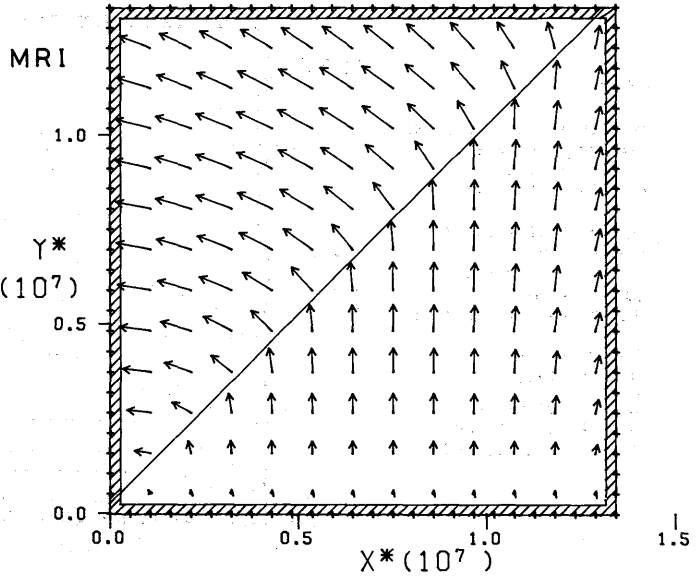
DX : 40 KM, DT : 1.0 HOUR  
 IMAX=26 : JMAX=26  
 X EXTENT:0-1000 KM  
 Y EXTENT:0-1000 KM

DIR. OF WIND : SOUTH  
 BELOW THE FRONT EAST

ABOVE THE FRONT  
 VEL. OF WIND : 20 M/SEC

TIME 72 HOURS  
 T\* IS 2972764.

ARROW LENGTH :  $E/E_{PM}$   
 DIRECTION= $\theta$



1.5 -

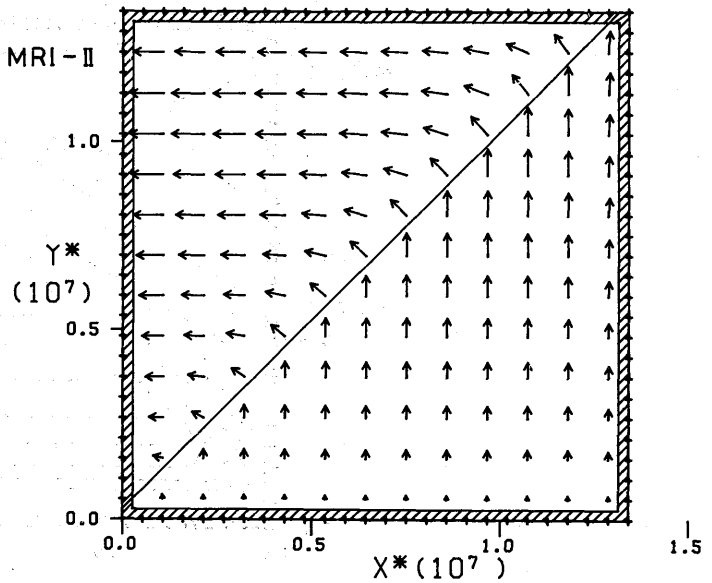


Fig.100-0-28 custer diagram of  $E/E_{PM}$  and  $\bar{\theta}$  vs.  $X^*$  and  $Y^*$

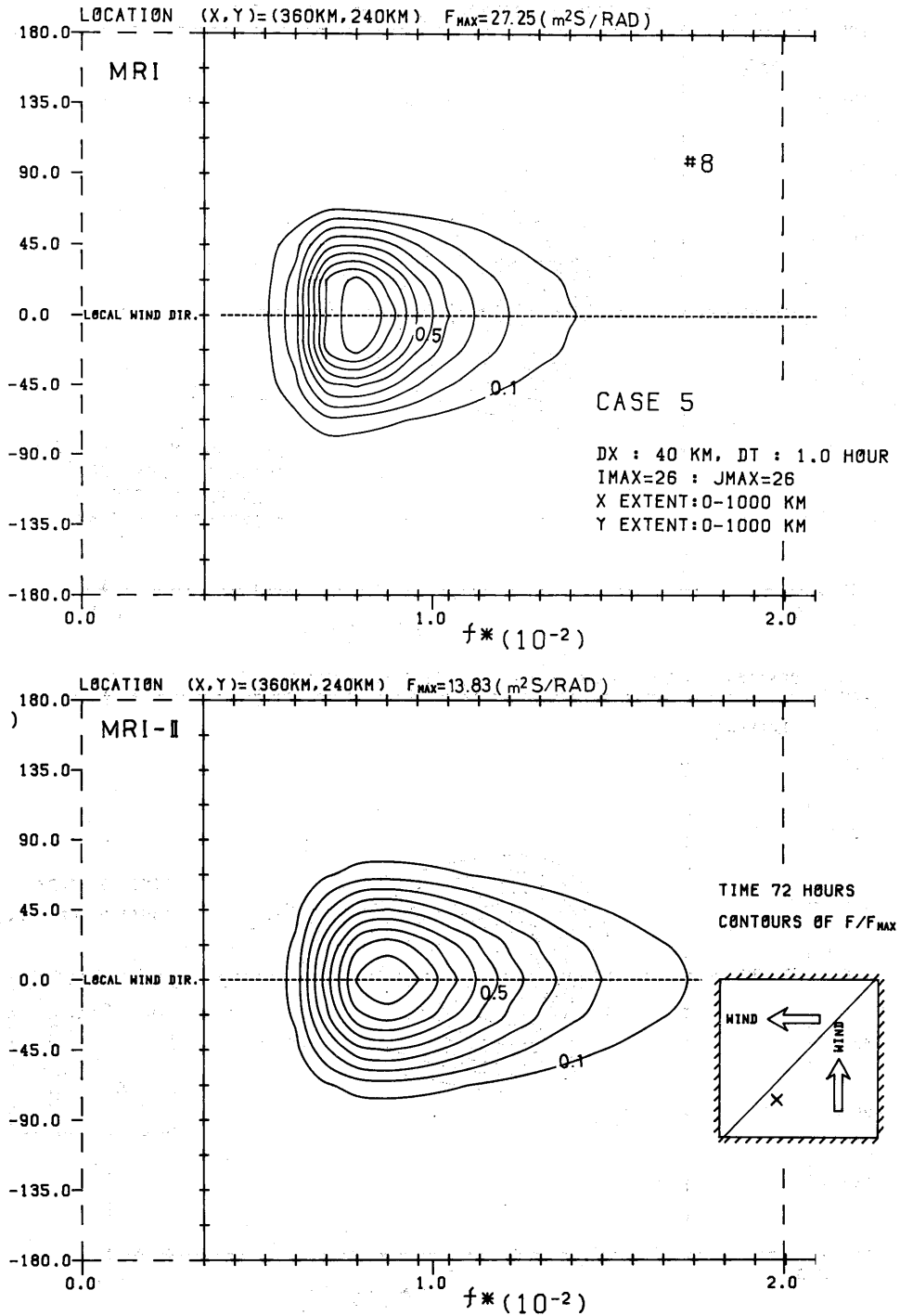


Fig. 101-0-0 scaled 2-D spectrum  $F(f, \theta) / F(f, \theta)_{MAX}$  for  $T = 72$  hrs and point (360, 240)

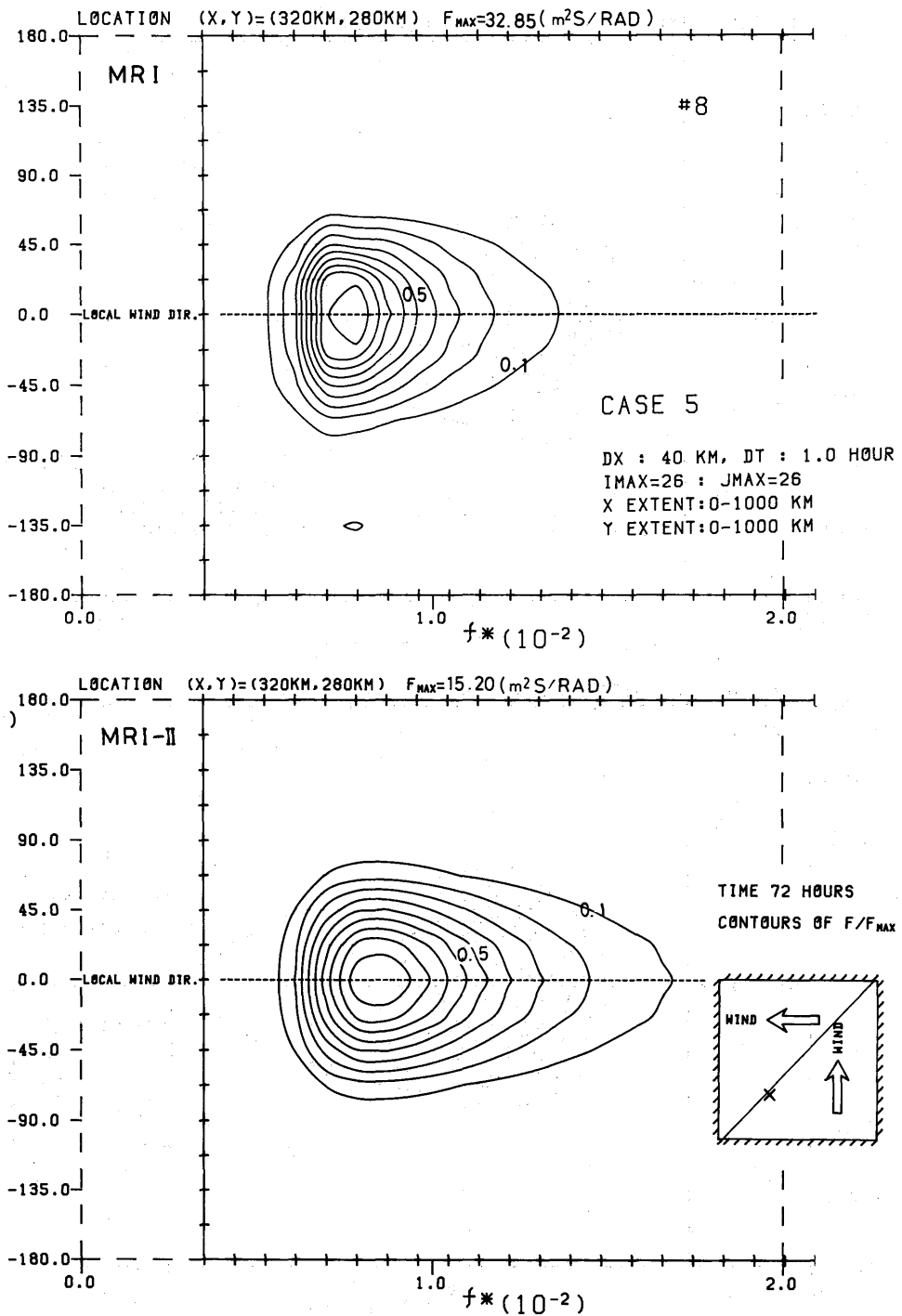


Fig. 102-0-0 scaled 2-D spectrum  $F(f, \theta)/F(f, \theta)_{MAX}$  for  $T = 72$  hrs and point (320, 280)

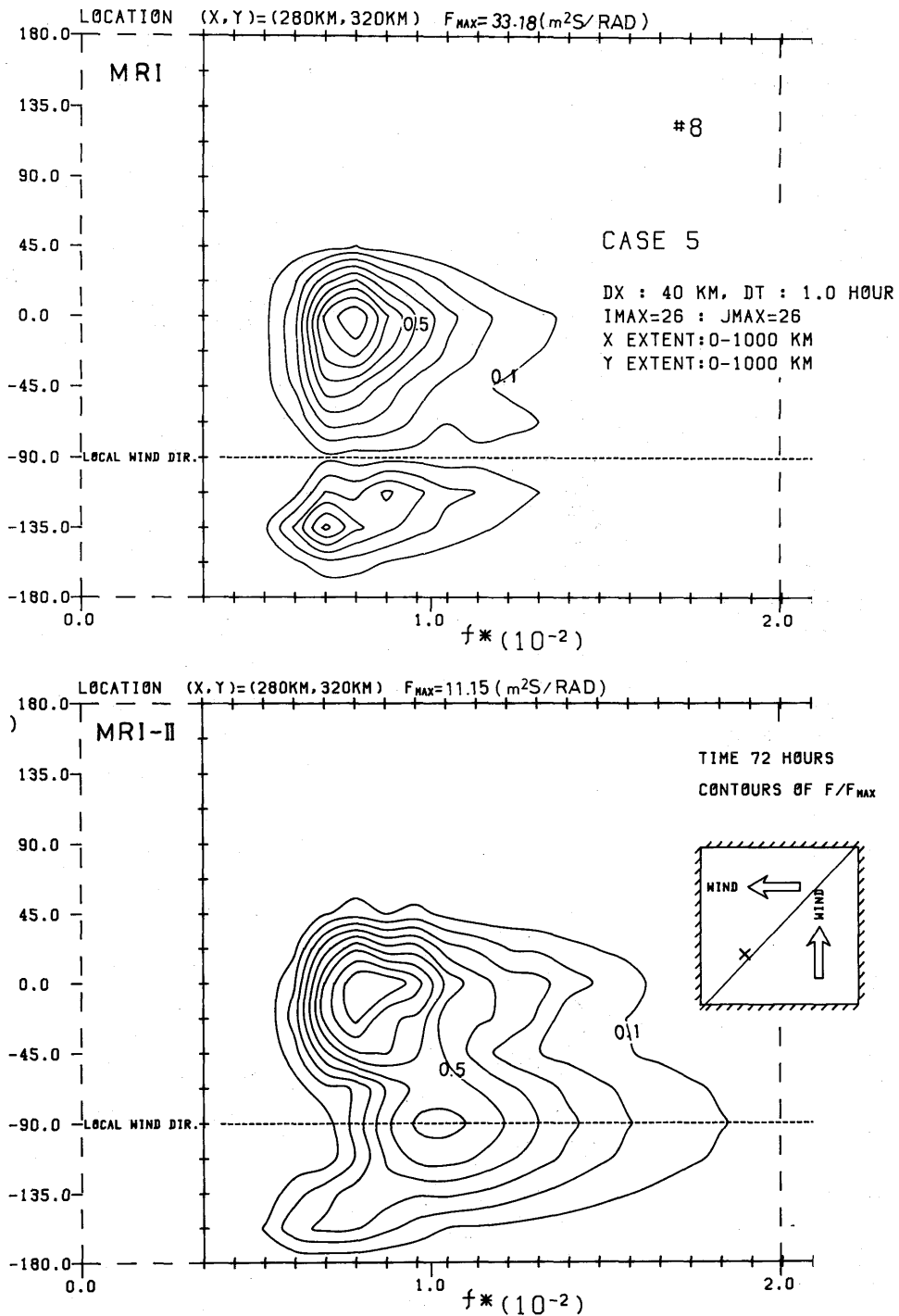


Fig. 103-0-30 scaled 2-D spectrum  $F(f, \theta) / F(f, \theta)_{MAX}$  for  $T = 72$  hrs and point (280, 320)

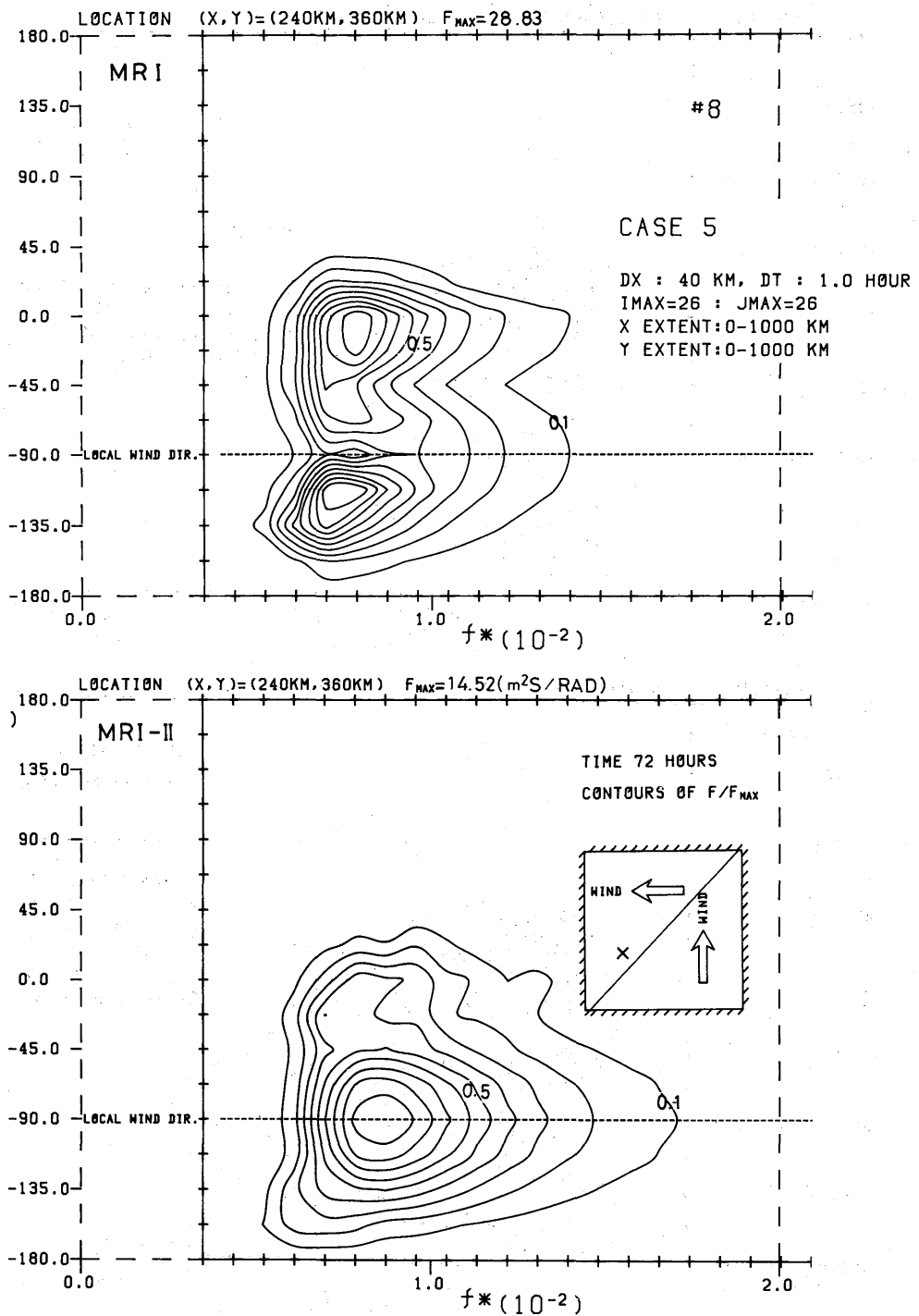


Fig. 104-0-31 scaled 2-D spectrum  $F(f, \theta)/F(f, \theta)_{MAX}$  for  $T = 72$  hrs and point (240, 360)



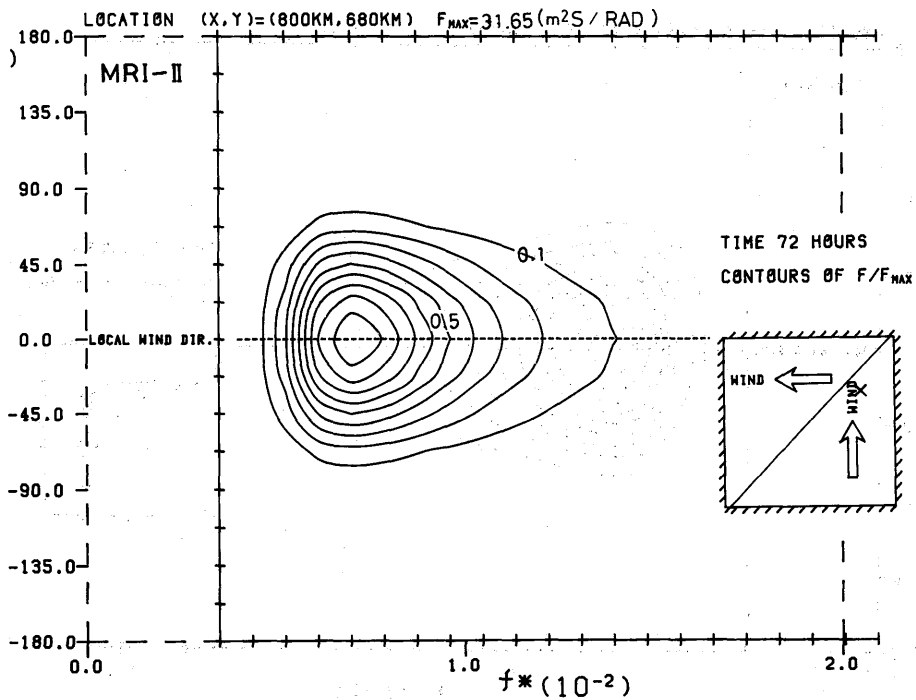
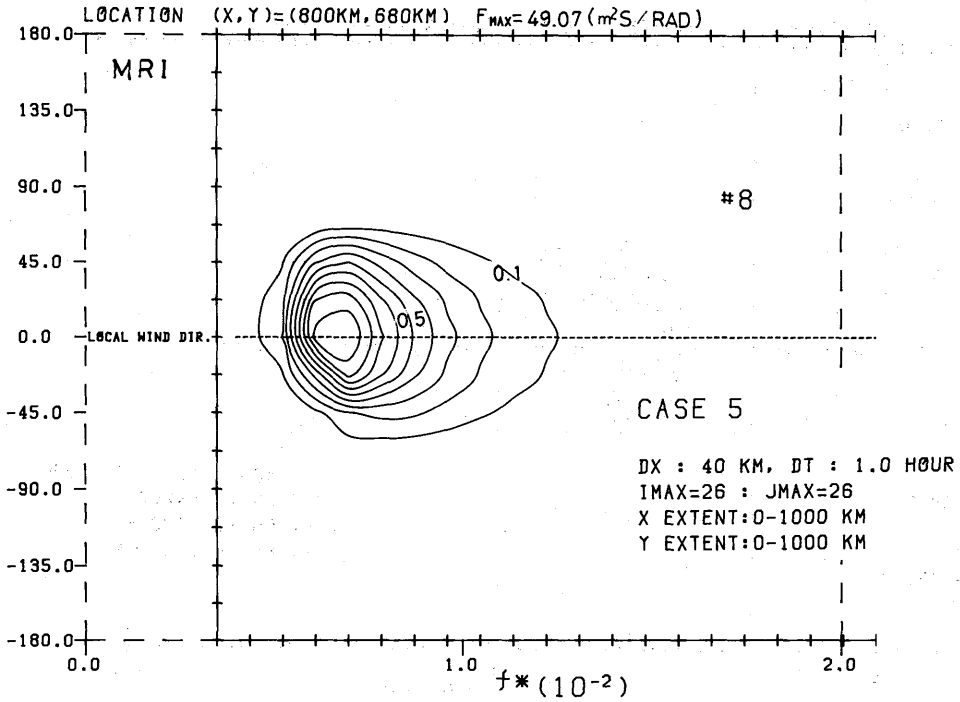


Fig. 105-0-0 scaled 2-D spectrum  $F(f, \theta)/F(f, \theta)_{MAX}$  for  $T = 72$  hrs and point (800,680)

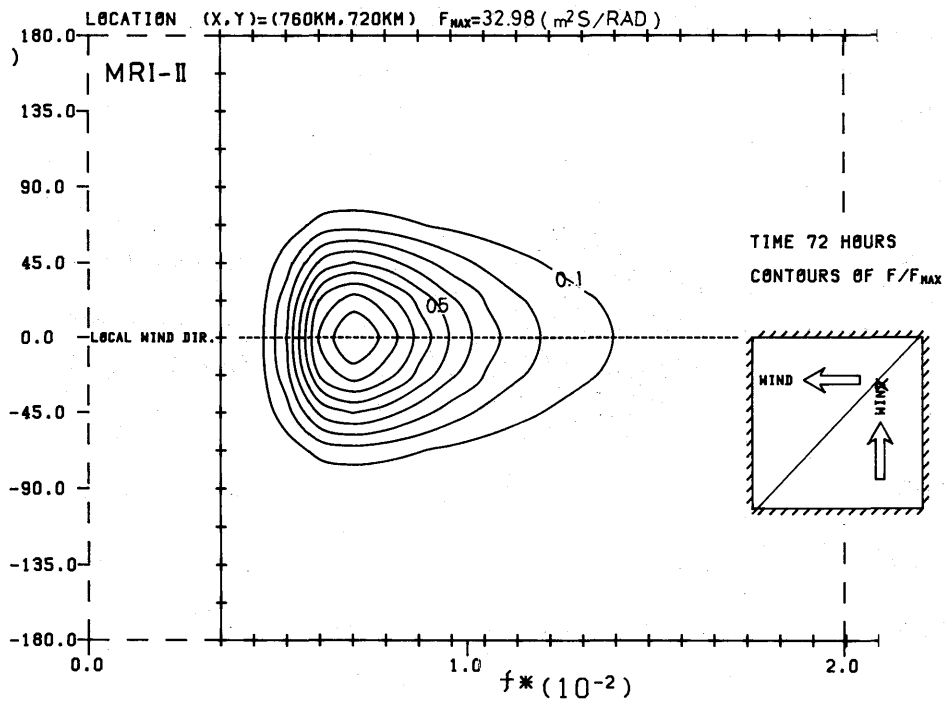
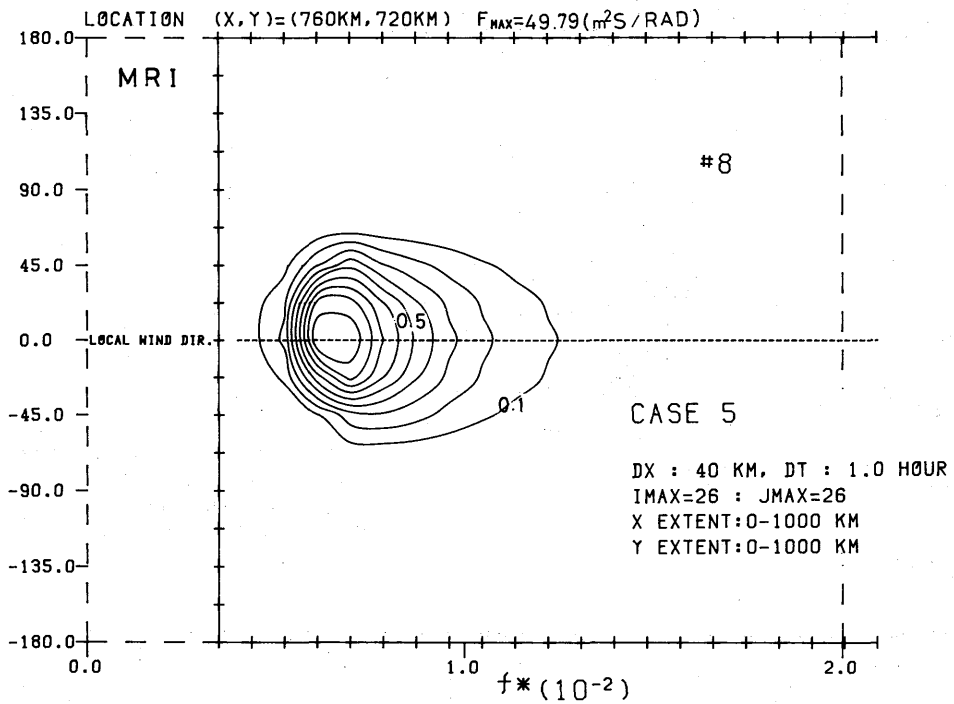


Fig. 106-0-29 scaled 2-D spectrum  $F(f,\theta)/F(f,\theta)_{MAX}$  for  $T = 72$  hrs and point (760,720)

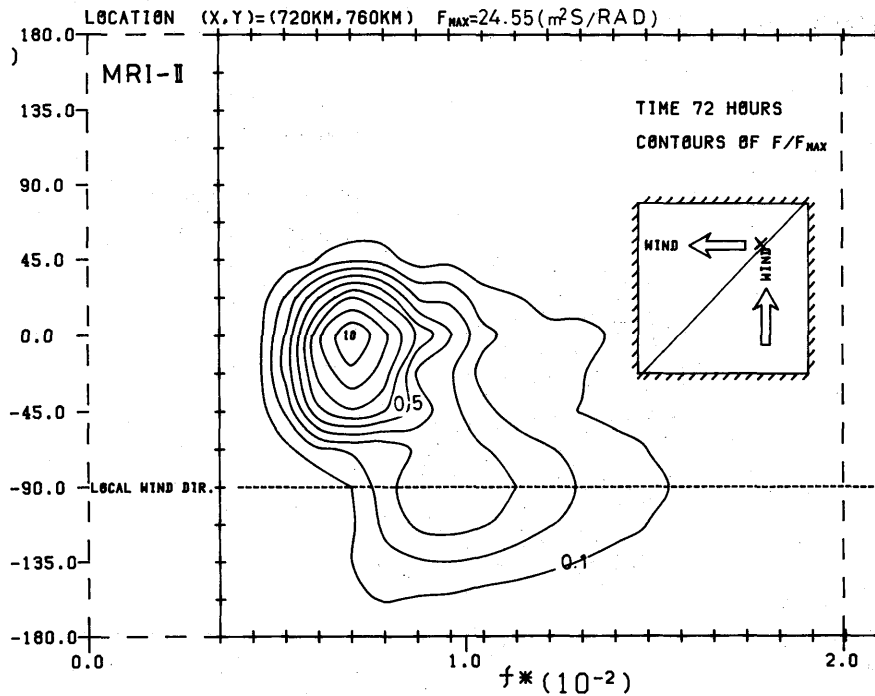
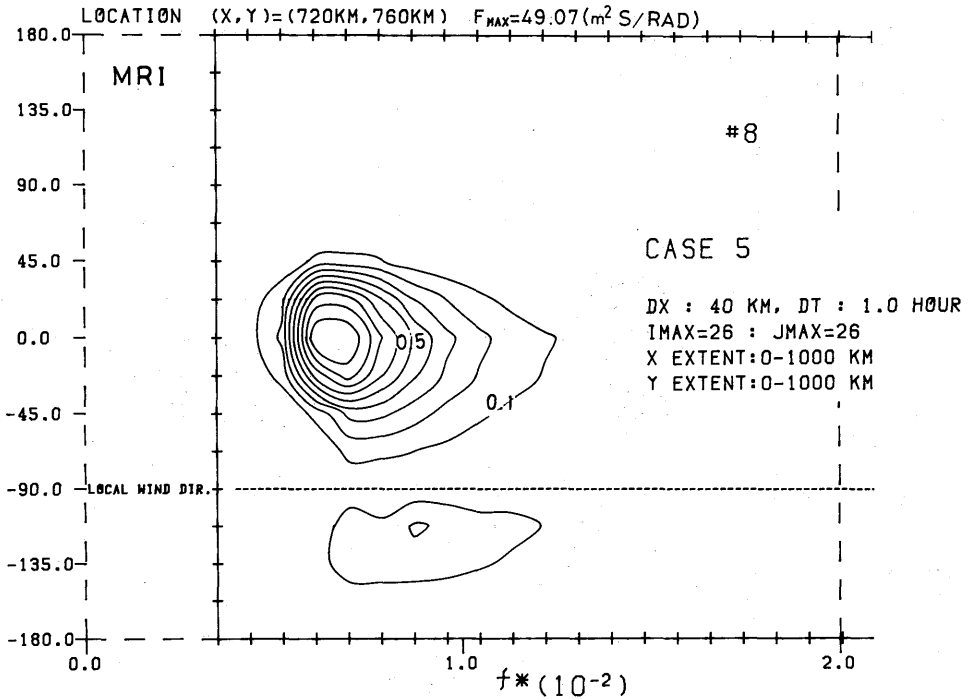


Fig. 107-0-33 scaled 2-D spectrum  $F(f,\theta)/F(f,\theta)_{MAX}$  for  $T = 72$  hrs and point (720,760)

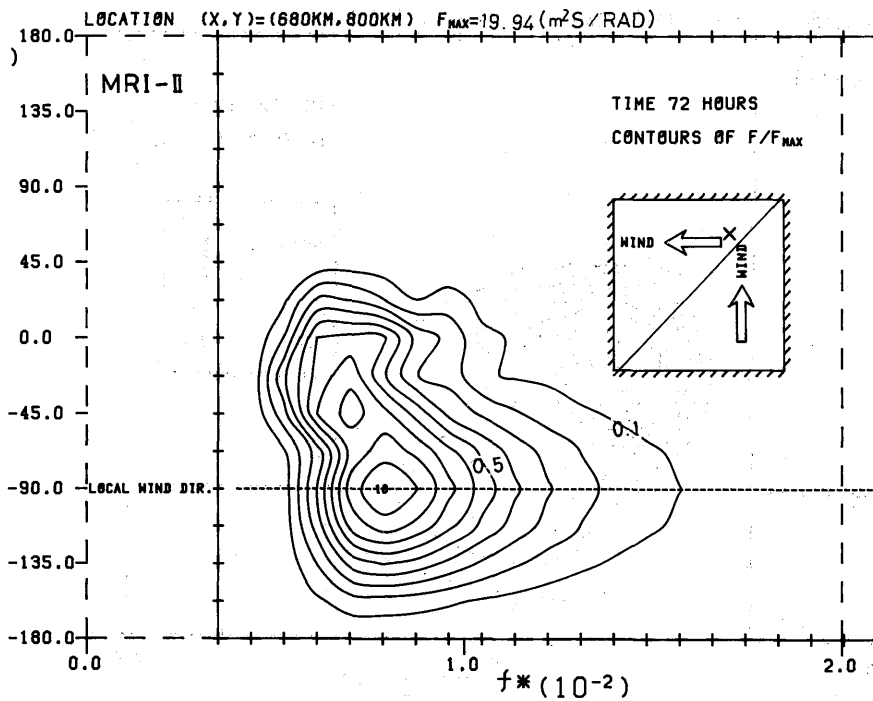
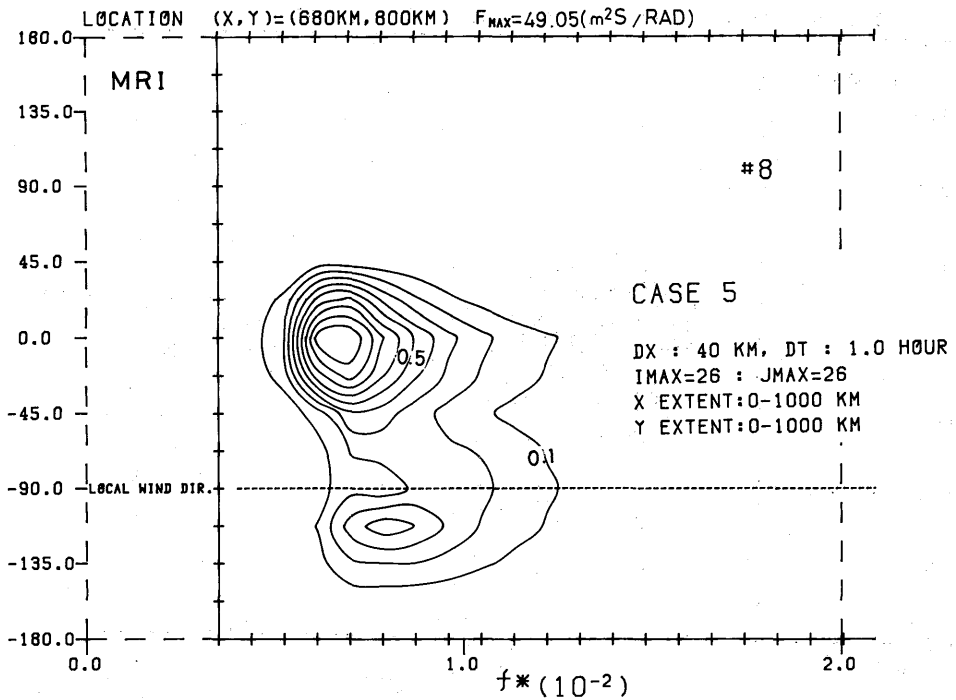


Fig. 108-0-32 scaled 2-D spectrum  $F(f,\theta)/F(f,\theta)_{MAX}$  for  $T = 72$  hrs and point (680,800)

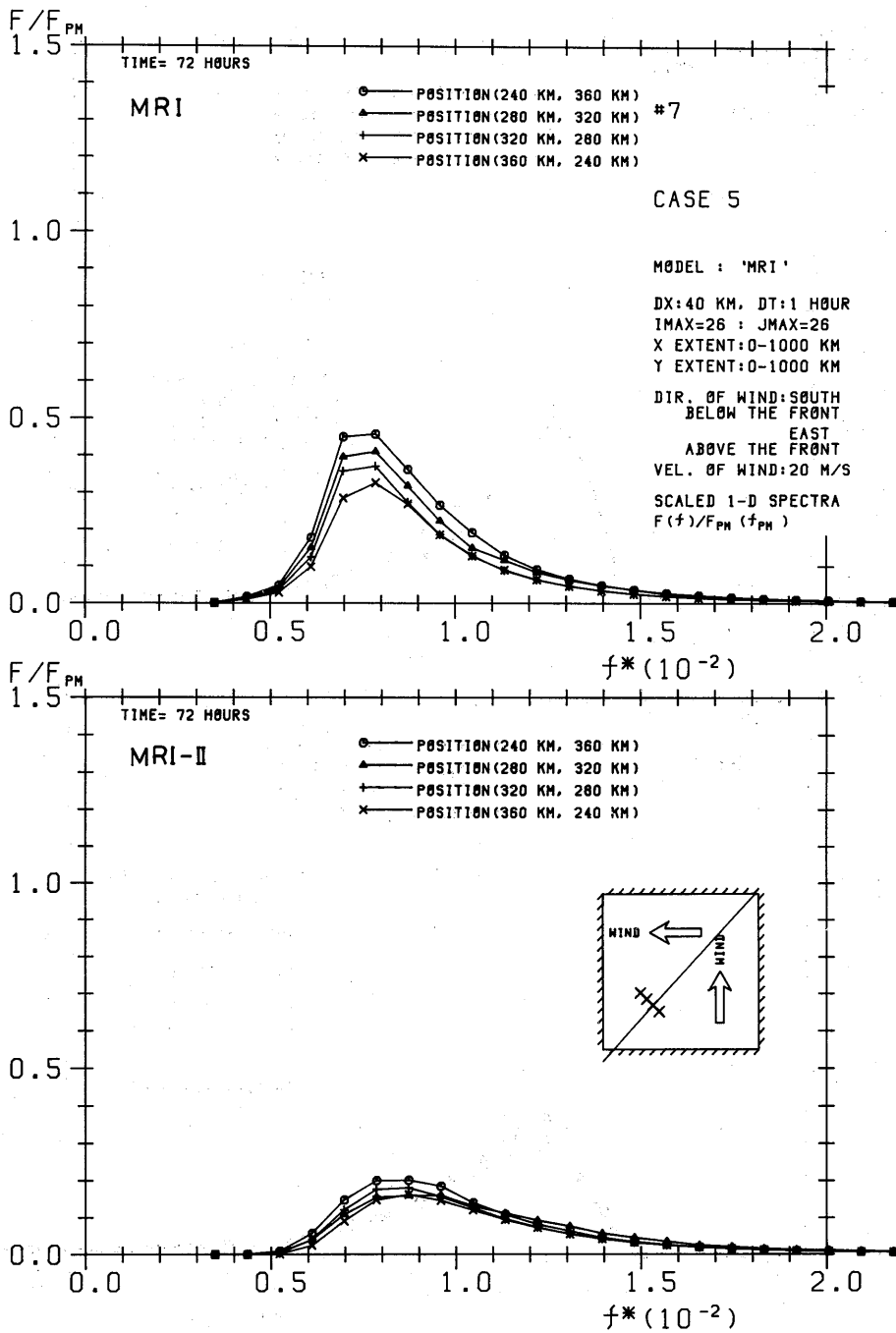


Fig. 109-0-0 scaled 1-D spectrum  $F(f)/F(f_{PM})$  for points (360,240), (320,280), (280,320) and (240,360)

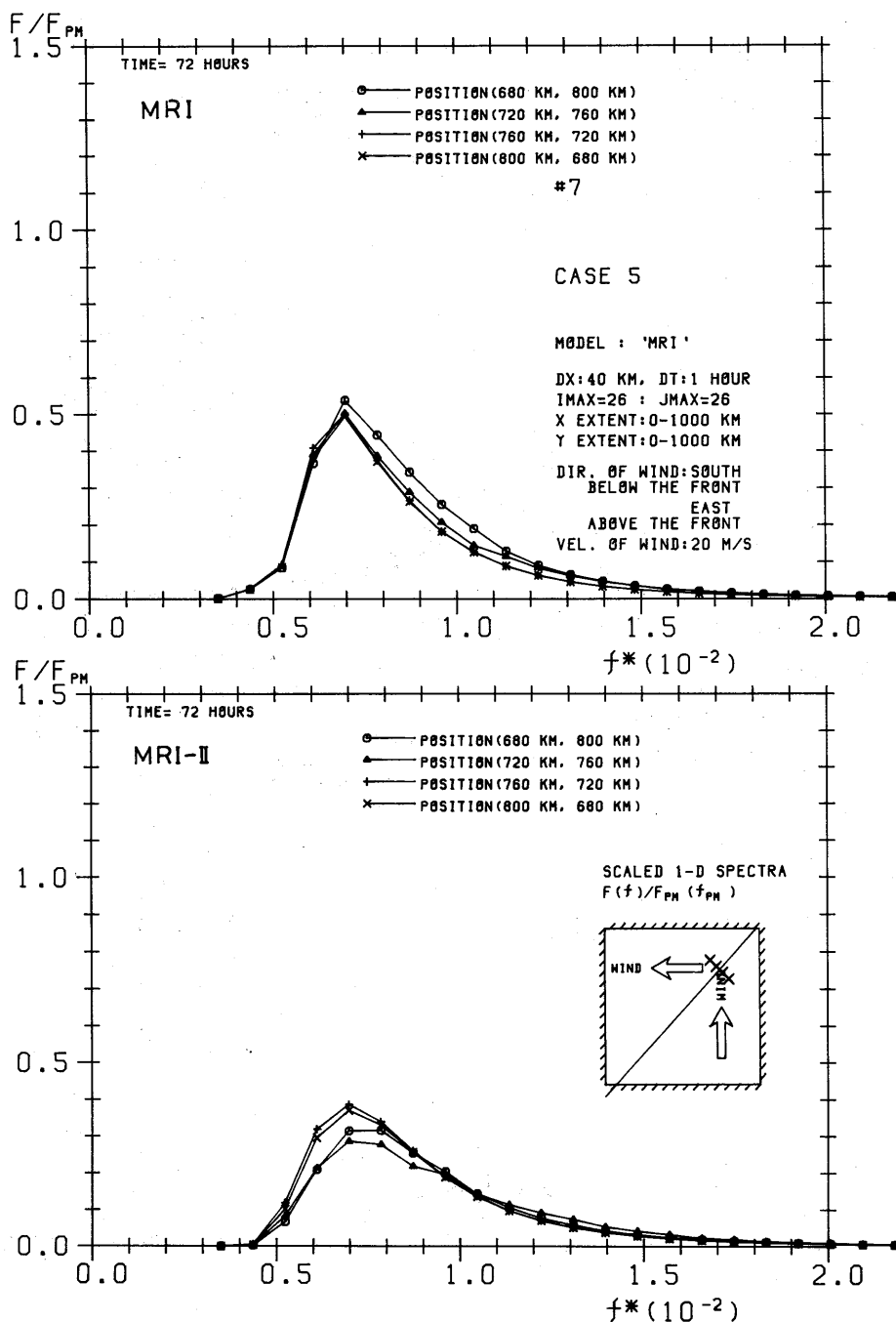


Fig. 110-0-34 scaled 1-D spectrum  $F(f)/F(f_{PM})$  for points (800,680), (760,720), (720,760) and (680,800)

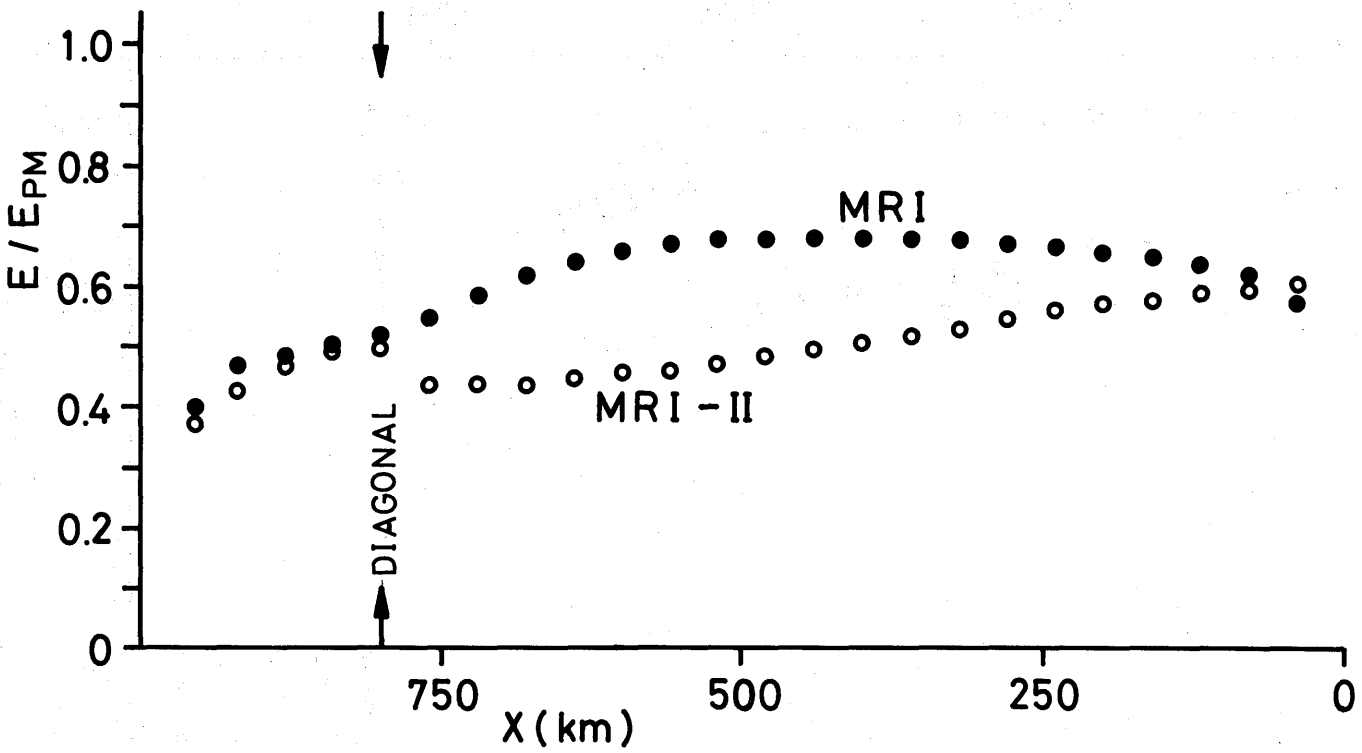


Fig. III-11.5-0 E along the section S(cf. Fig. 97-11.1-0). Note that fetch increase to the right (decreasing  $X^*$ ).

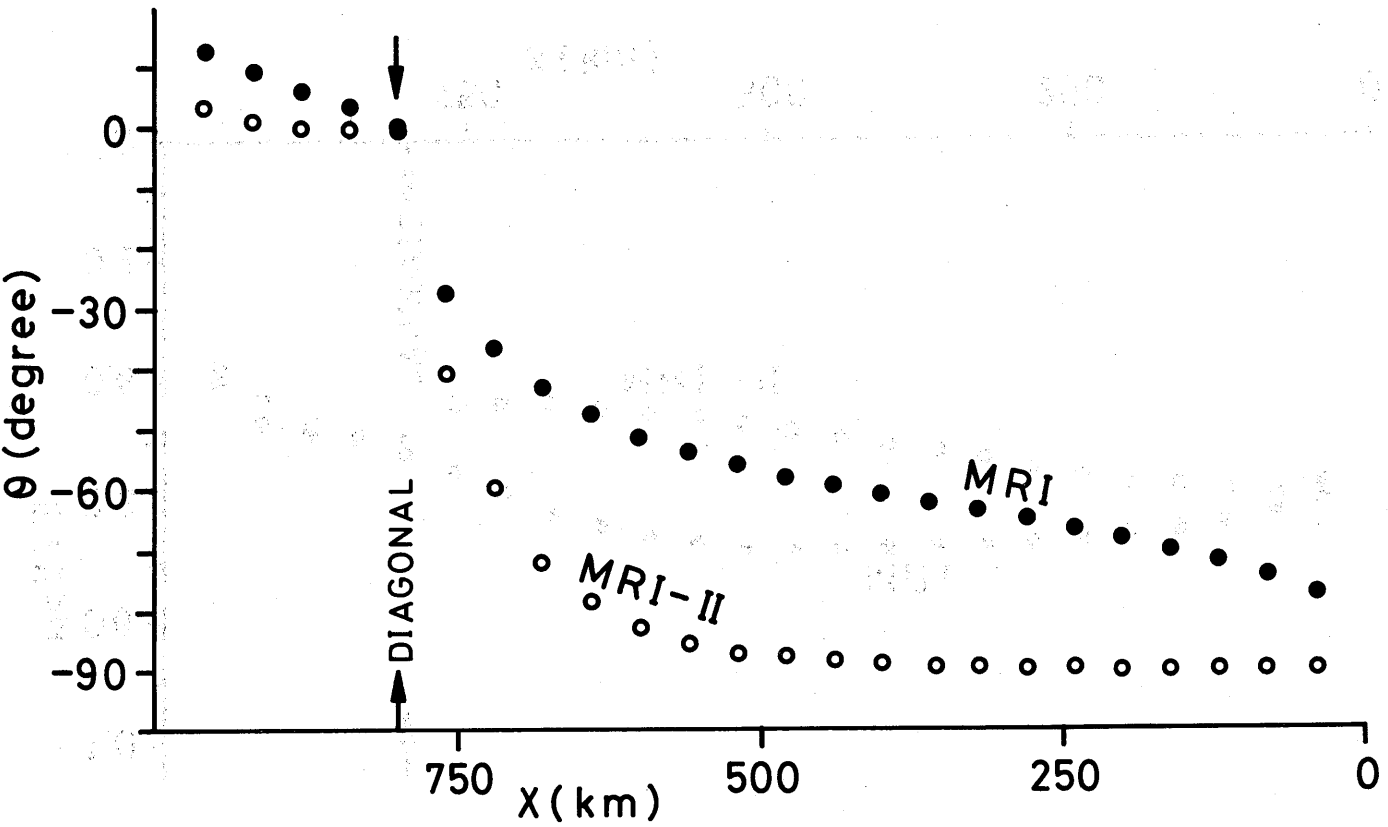


Fig. 112-11-6-0 Relaxation of mean wave direction along the section S