

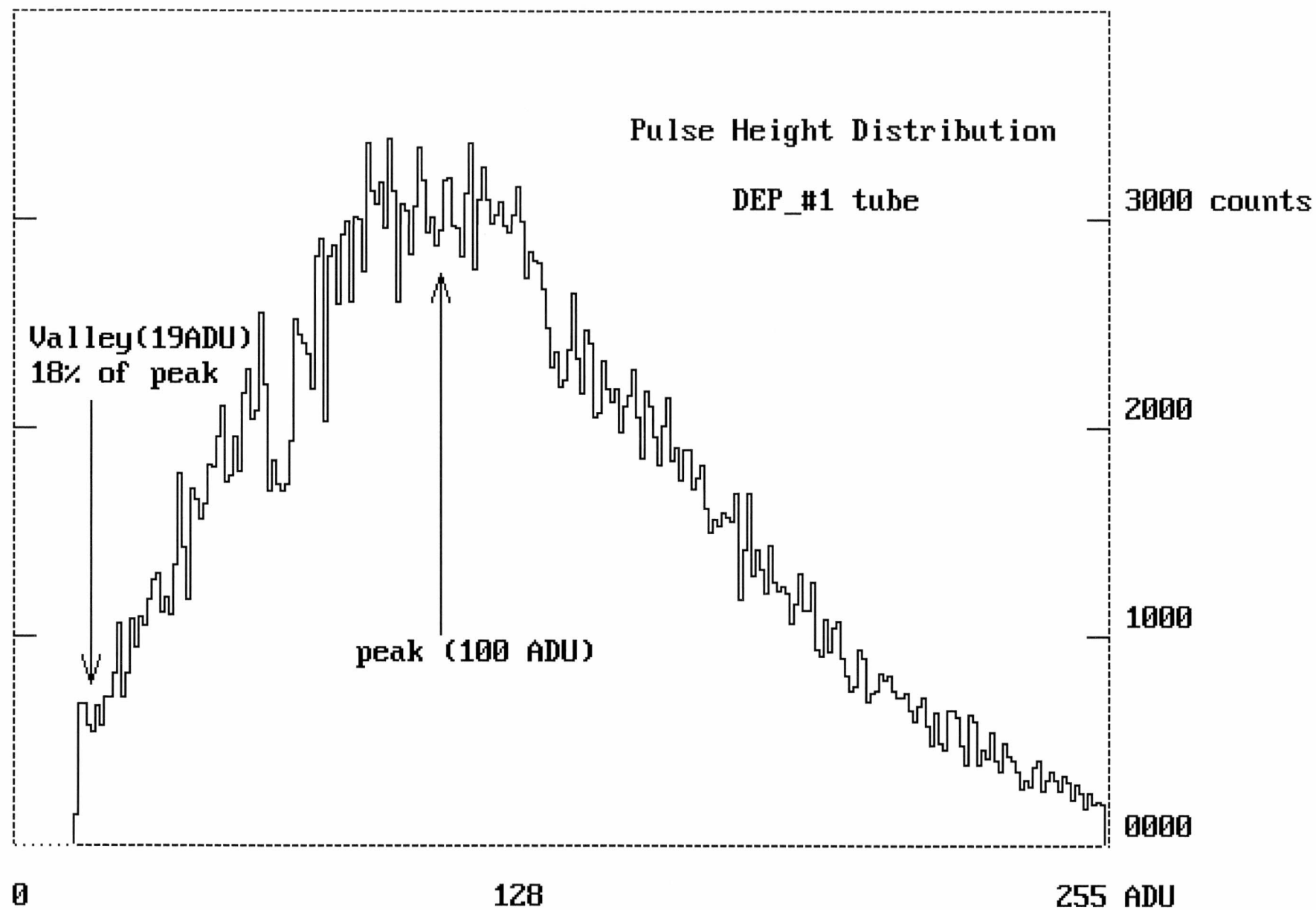


Fig. 6_1
PHD006 PHD

18H 28M 39S 1998/03/14/
2000FR 197956 event CCD=(65,17) 398-2200-4950 DEP_#1

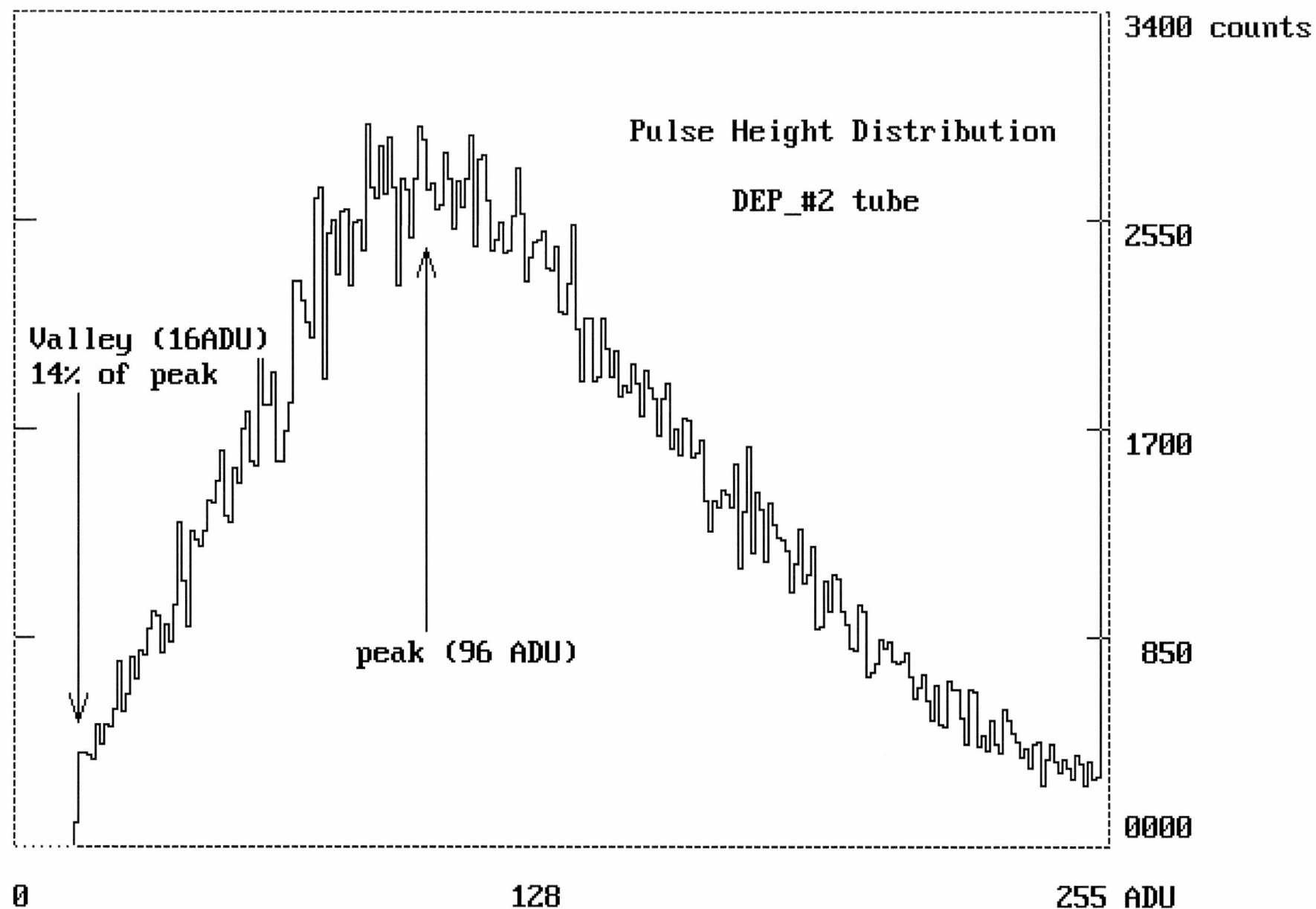


Fig. 6_2

PHD208 PHD

11H 44M 28S

1000FR

182101

1998/07/30/

events TH=15

400-2235-5001

DEP_#2

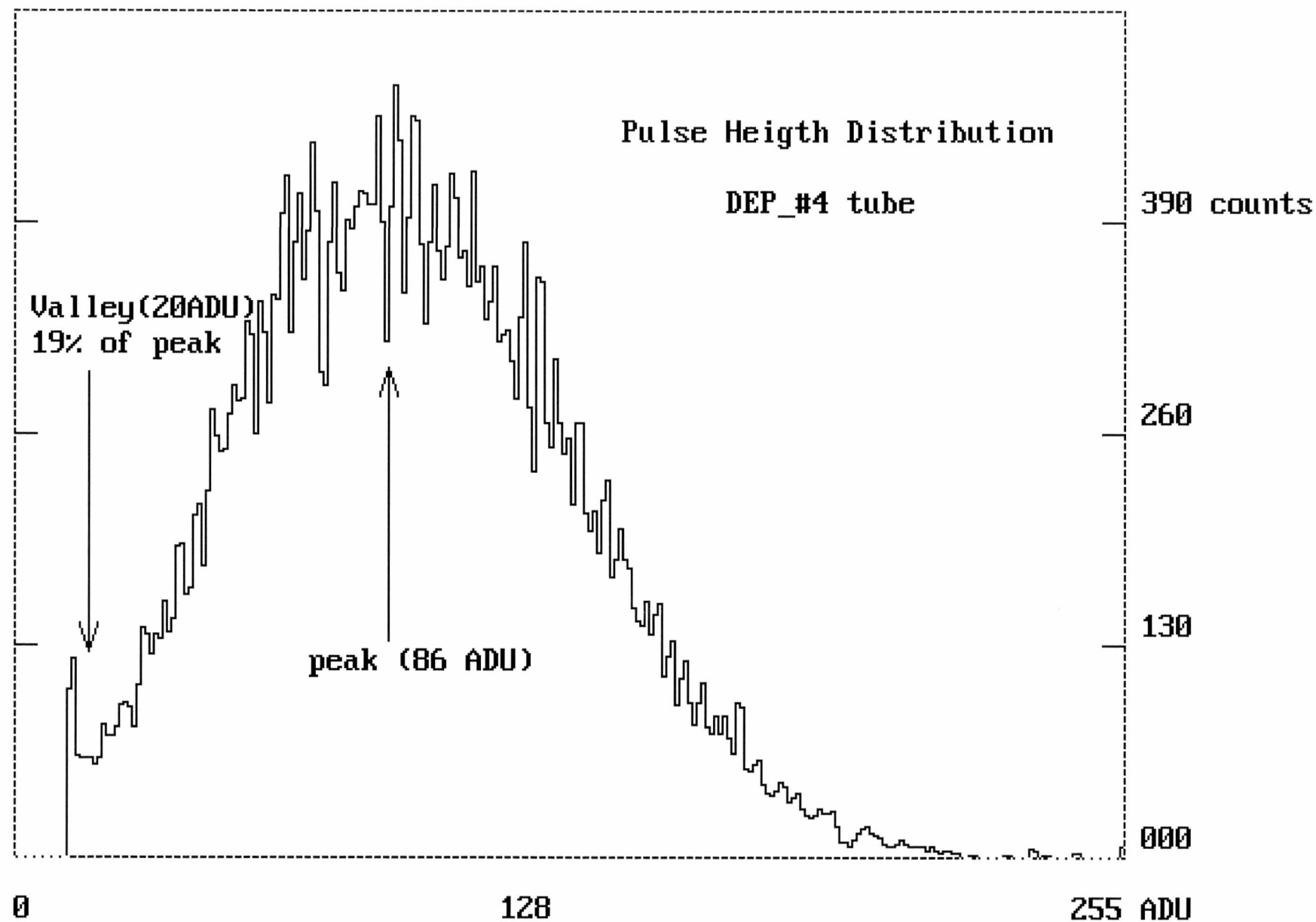


Fig. 6_3

PHD088 PHD

13H 06M 00S
from PHD004.DAT

1998/05/13/

DEP_#4 tube

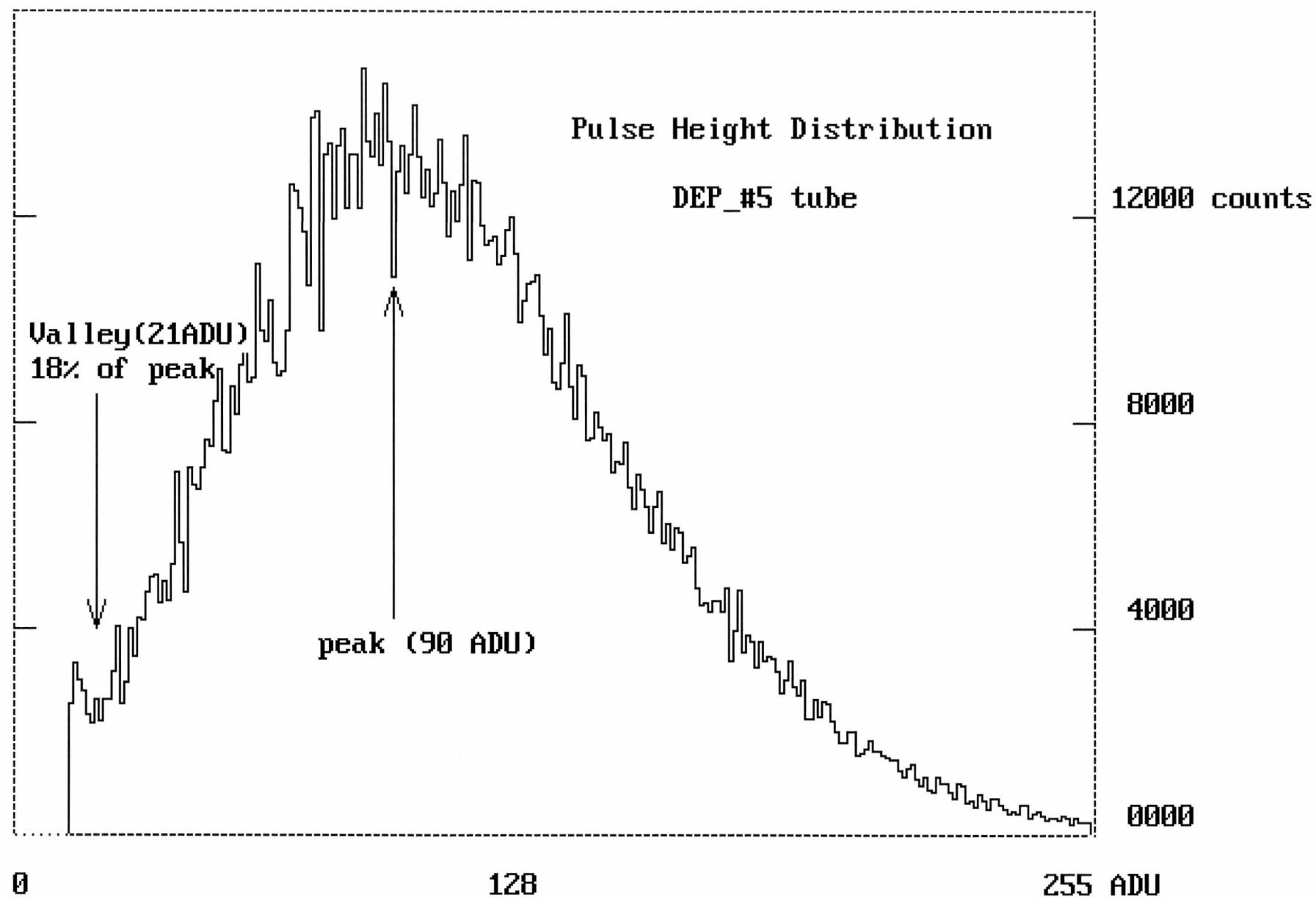


Fig. 6_4
DEP196 PHD

16H 49M 50S 1998/07/21/
746,867cnt/10000FR

400-2370-5400 DEP-5

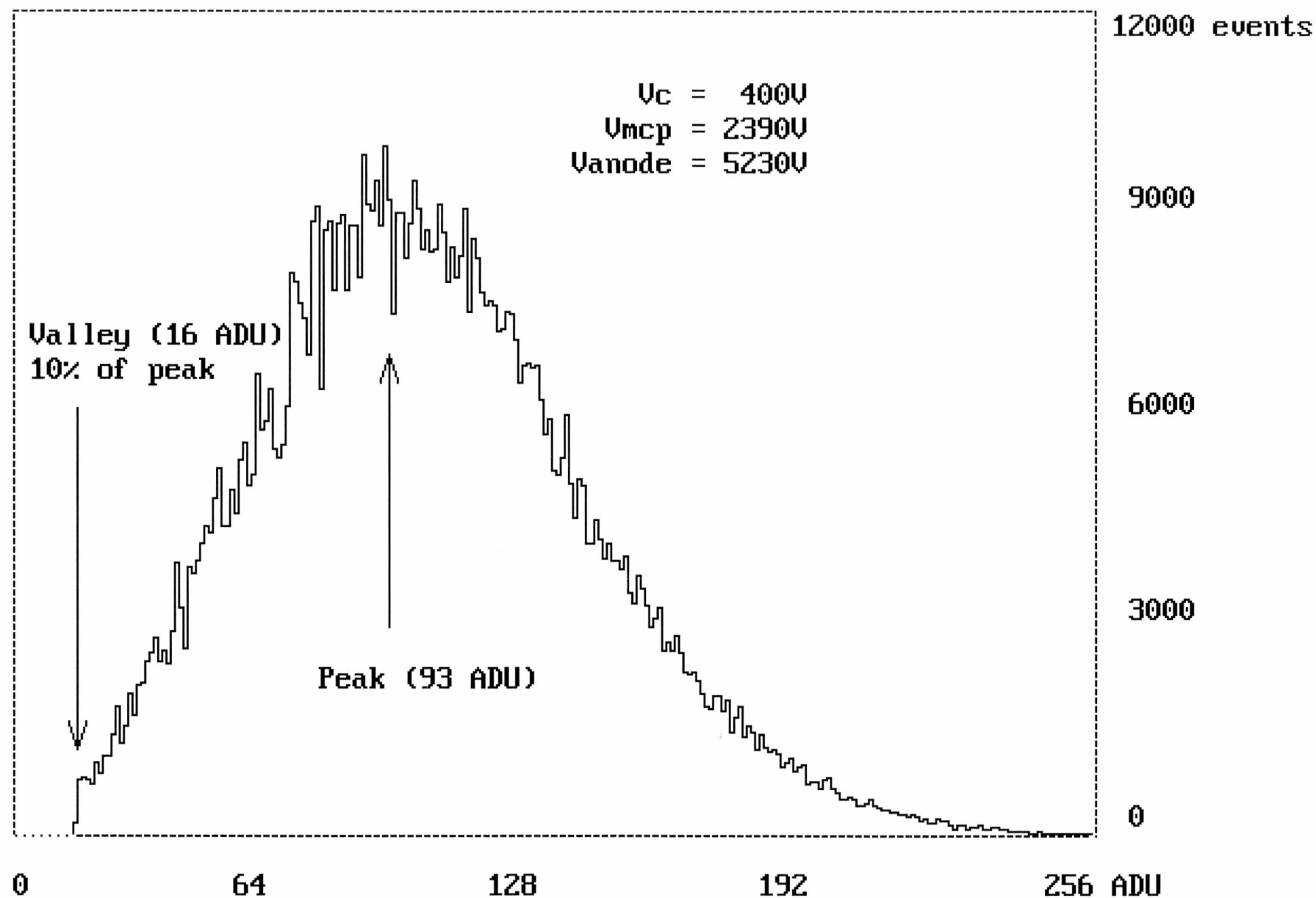


Fig. 6_5
Pulse Height Distribution of DEP #6 tube

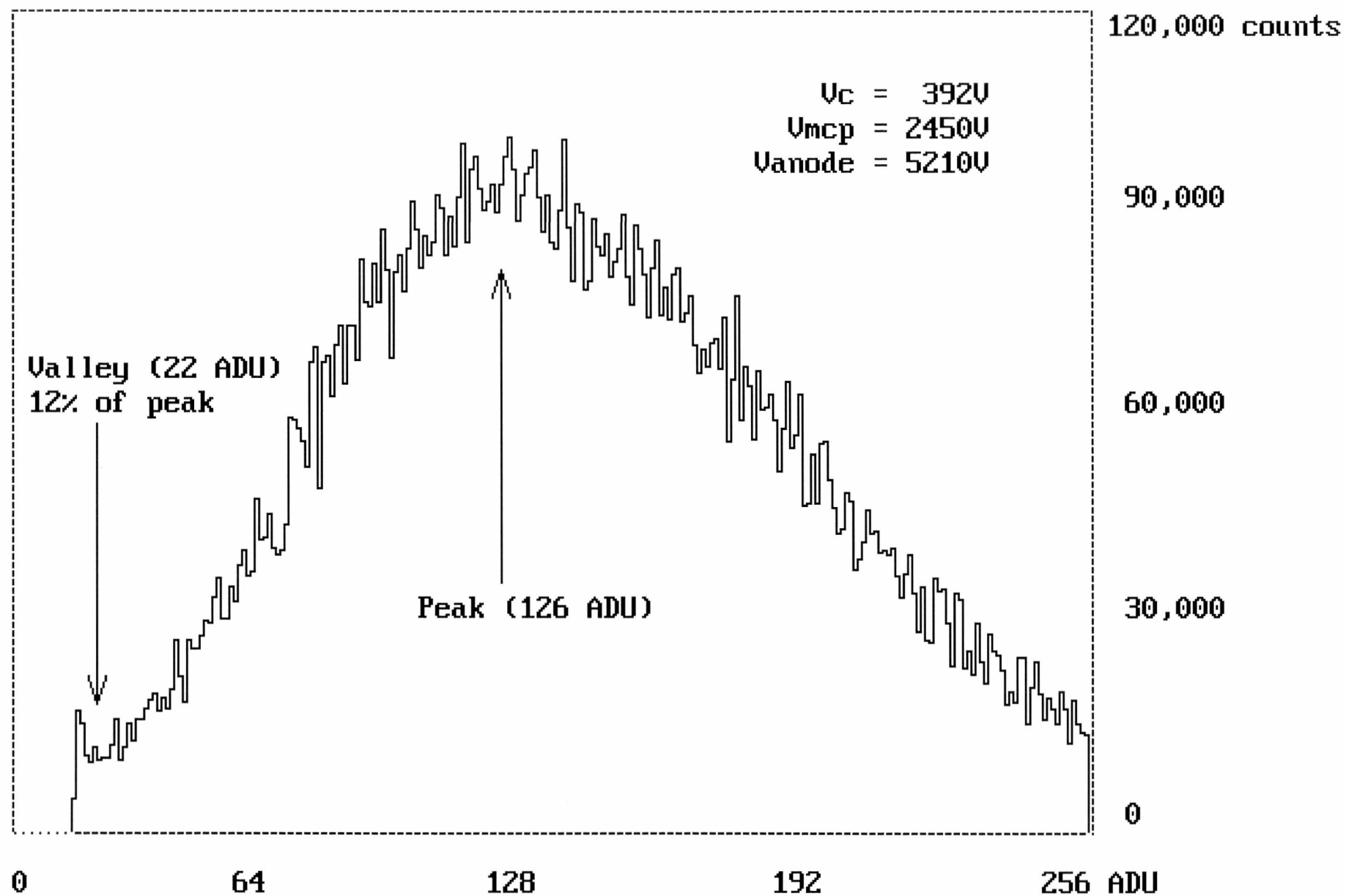


Fig. 6_6
Pulse Height Distribution of DEP #7 tube

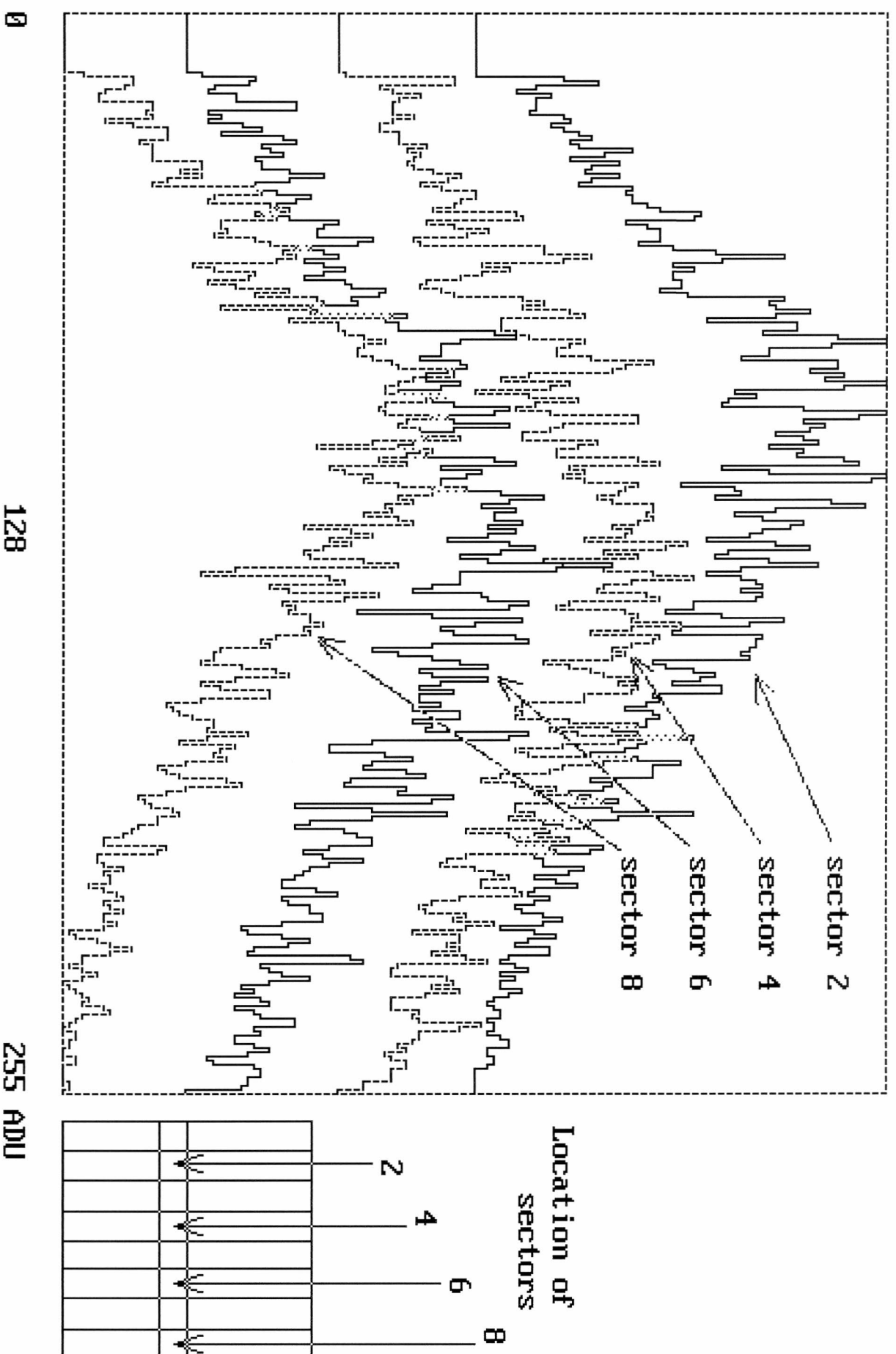
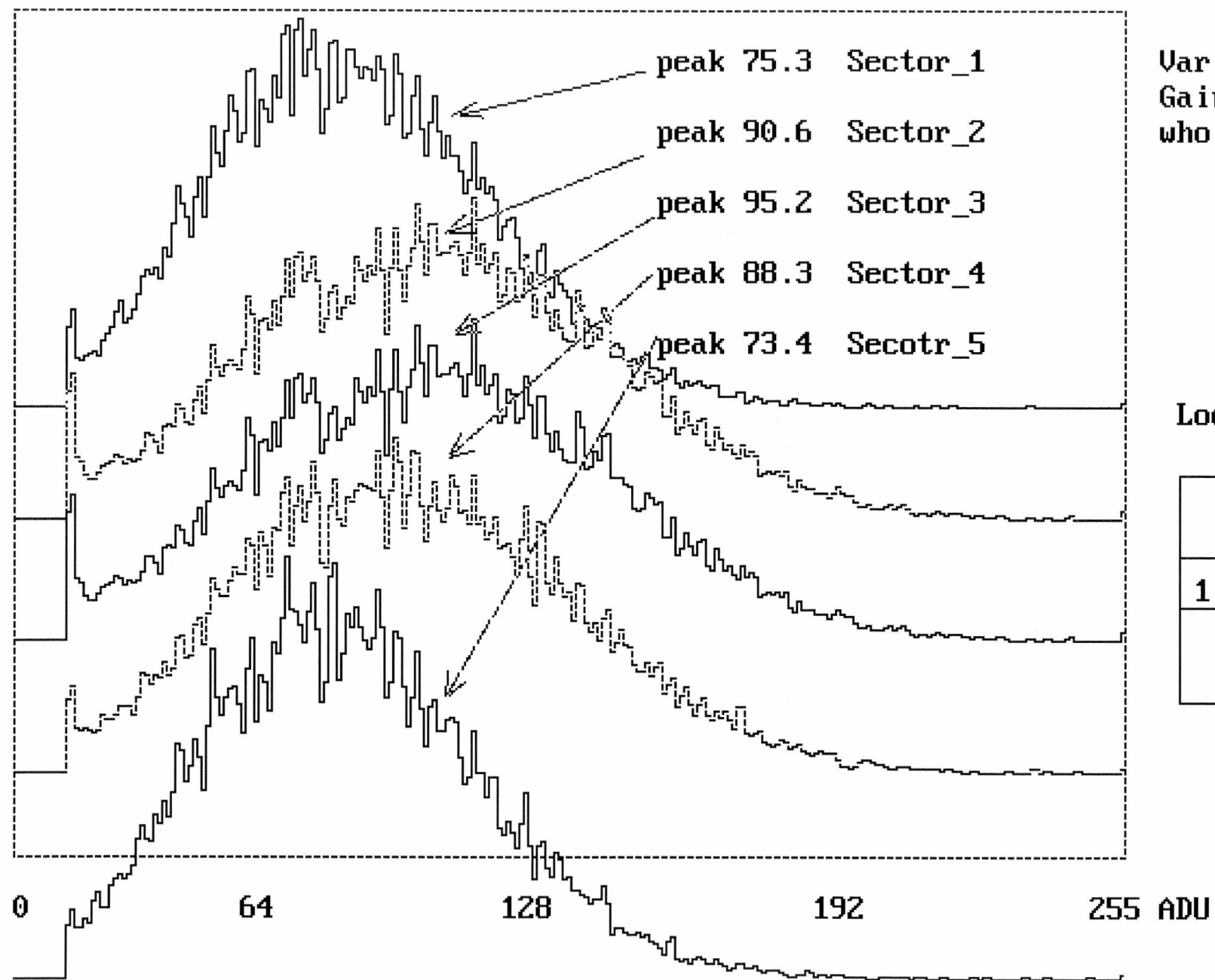


Fig. 6_7
Variation of pulse height distribution DEP_#1 tube



Variation of
Gain across
whole area

Location of
sectors

1	2	3	4	5

Fig. 6_8
Pulse Height Distribution of DEP FM_#4 tube

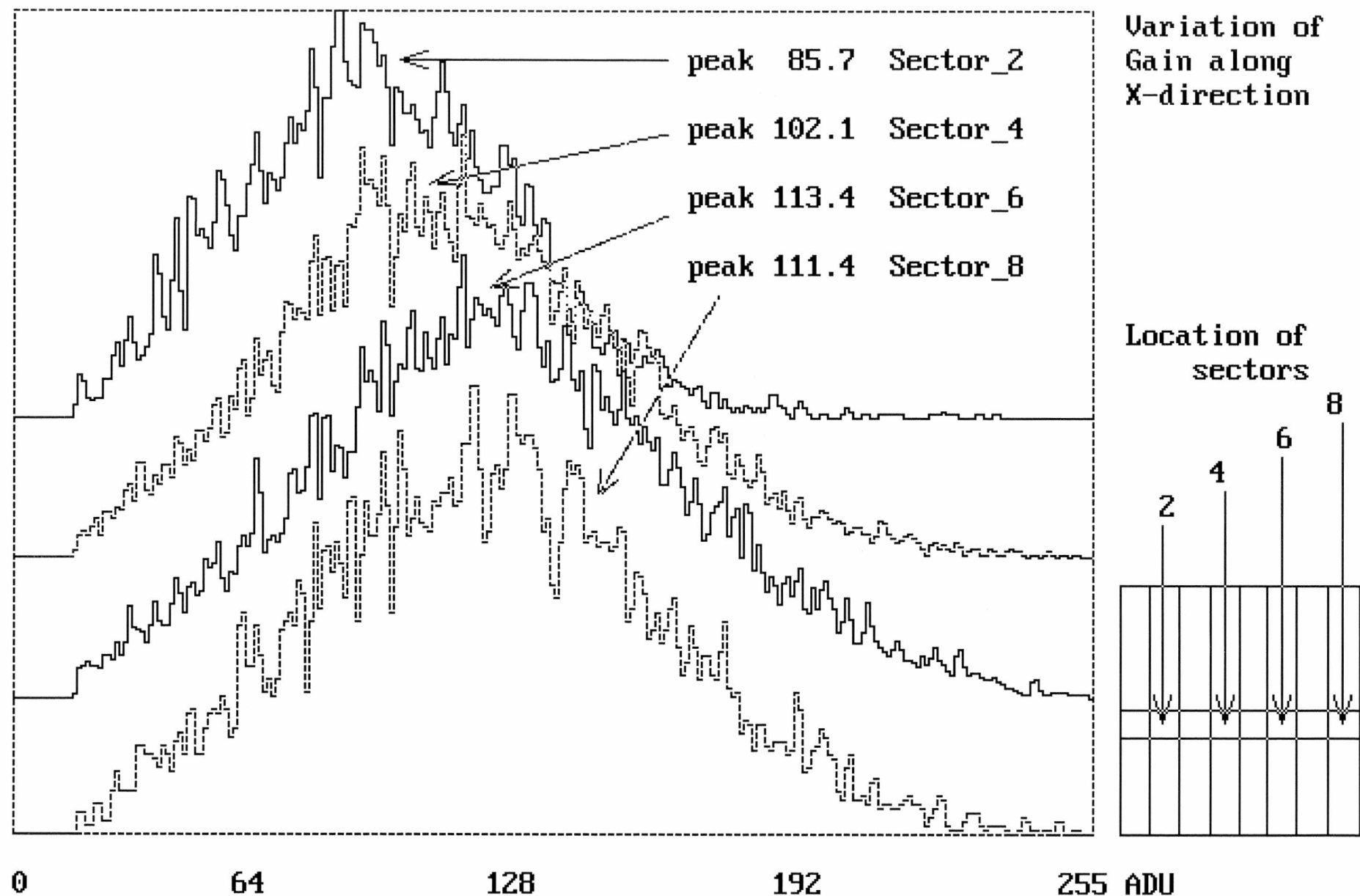
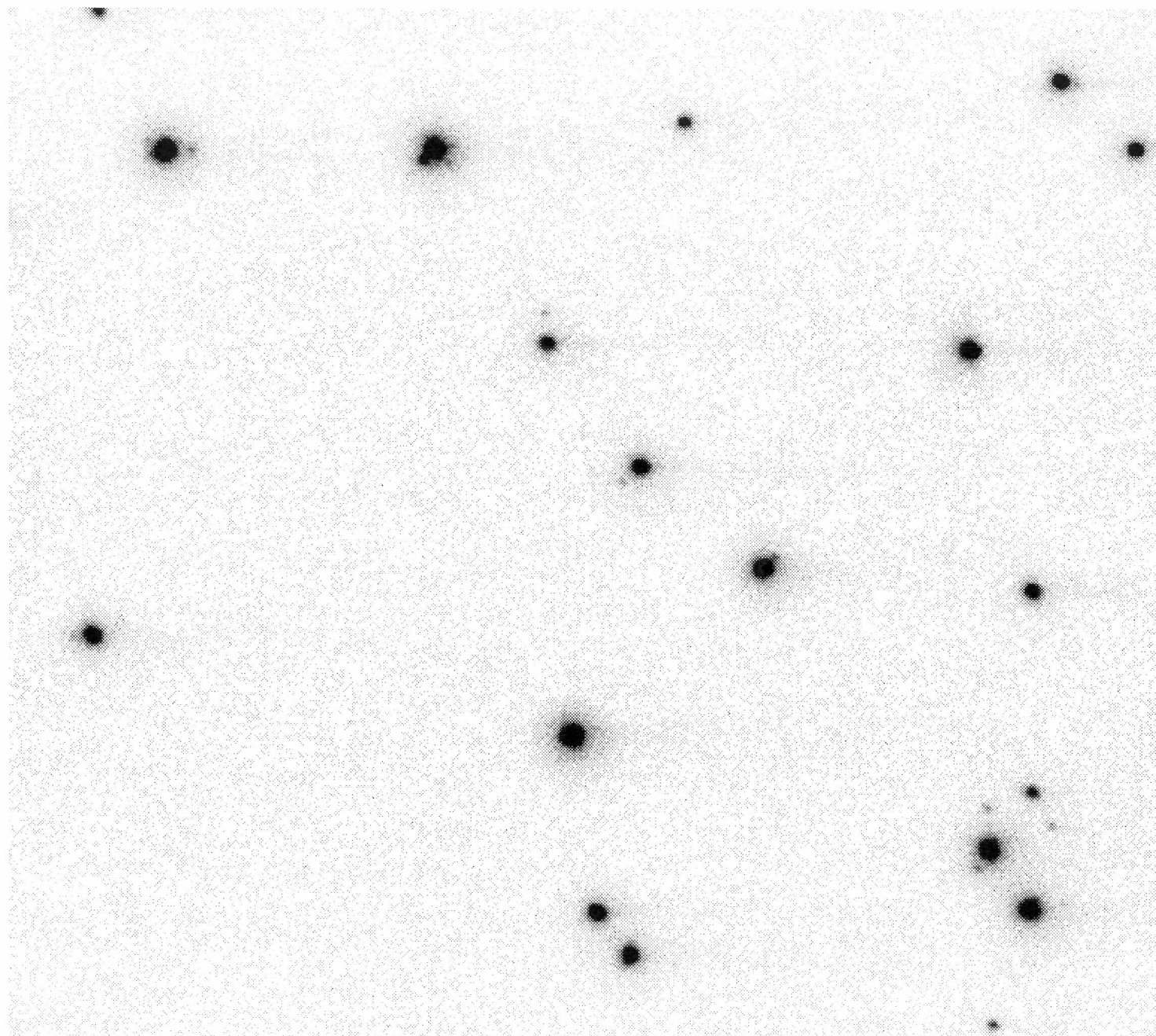


Fig. 6_9
Pulse Height Distribution of DEP_#6 tube



Events captured
by SBIG CCD
camera with
magnification
optics.

DEP_#1 tube
for FM-primary
channel

This tube shows
a little higher
level of SIB
than FM-2ndary

Fig. 7_1a 16H 14M 00S 1998/03/15/
SIB001 DEP_#1 tube 1 pix = 5.5um Acquired by SBIG CCD camera

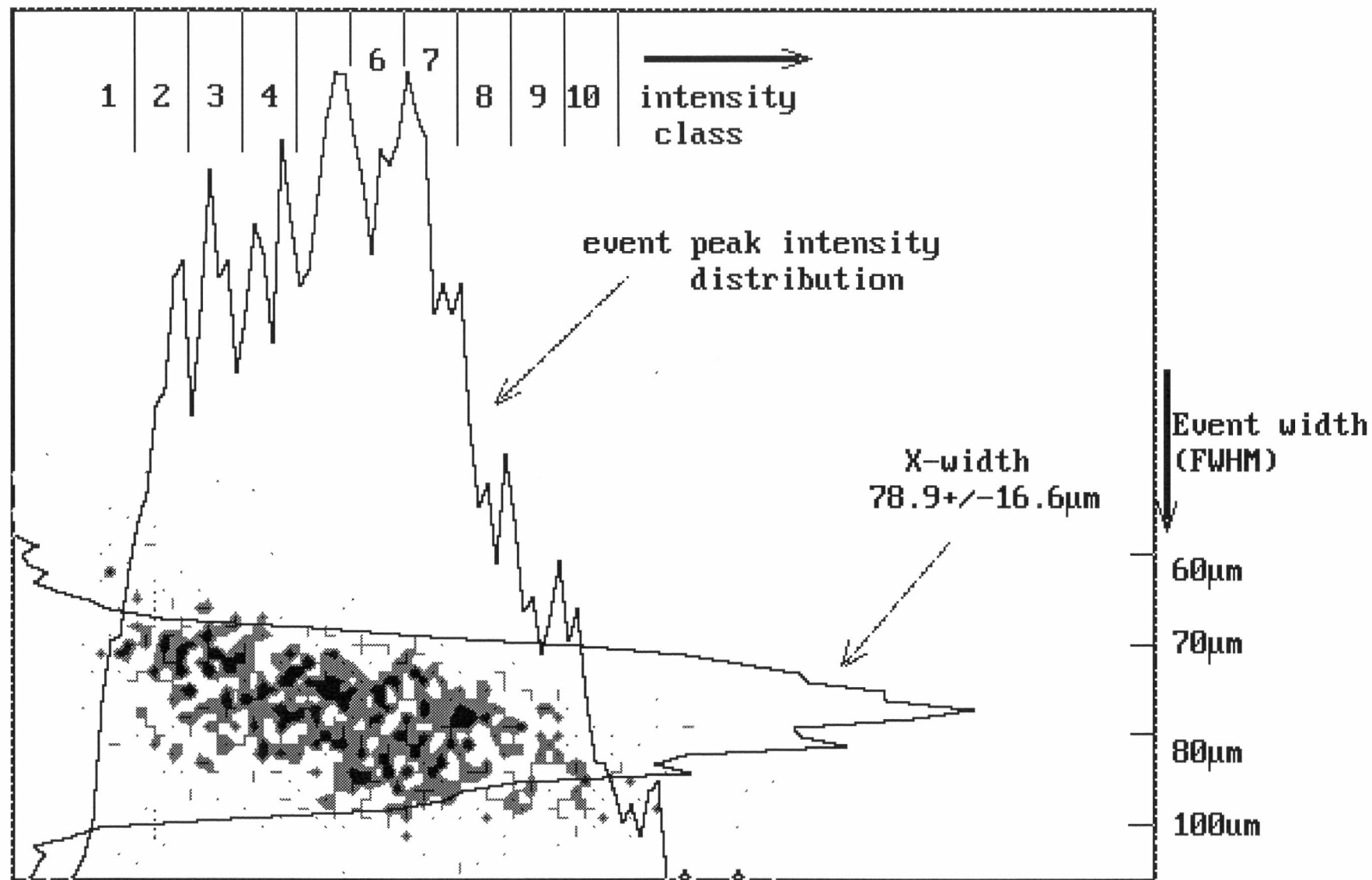


Fig. 7_2a 17H 30M 00S 1999/05/24/
PHD004 Energy Dist v.s. Event width 848/1033 events used DEP_#1

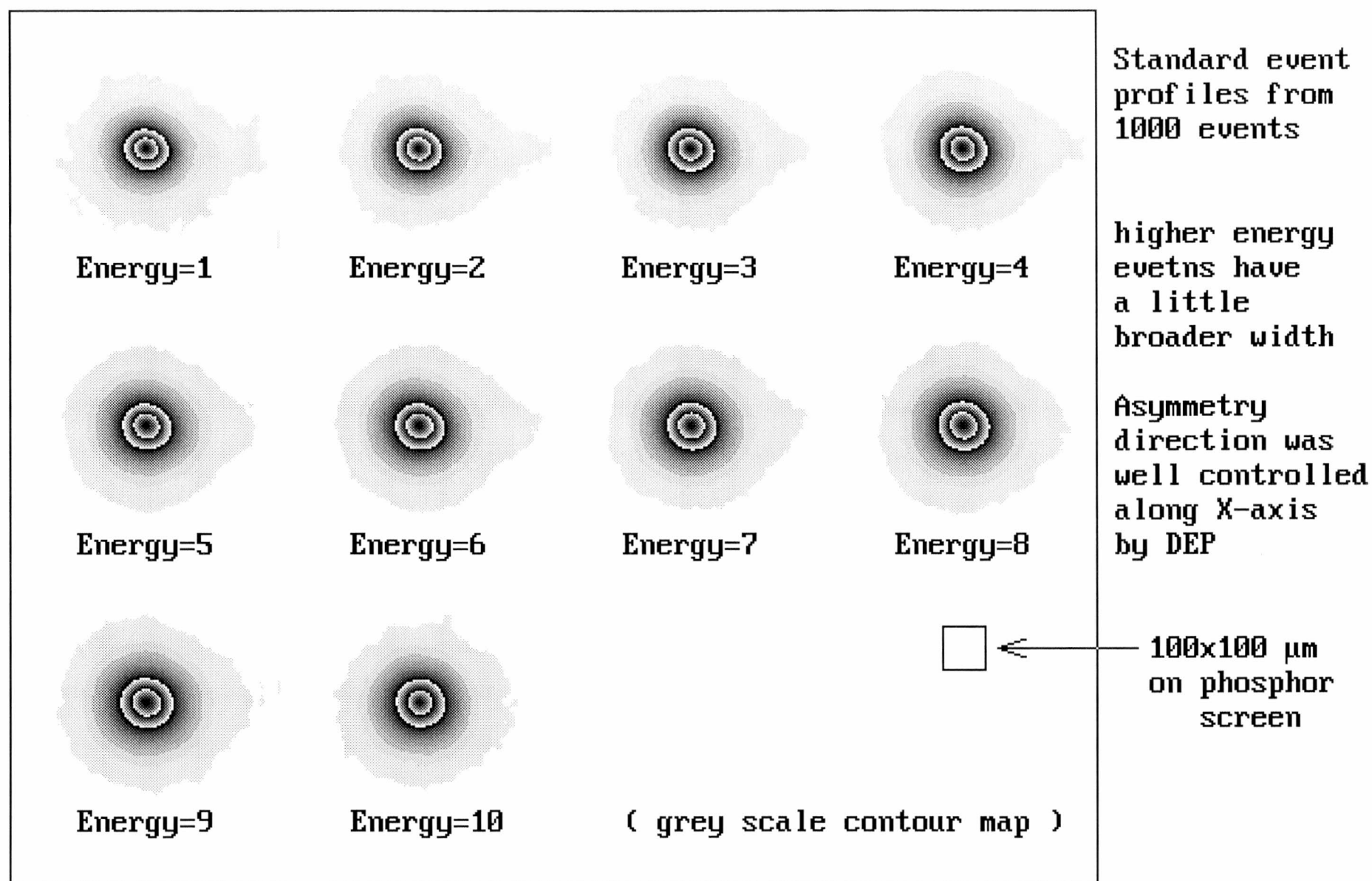
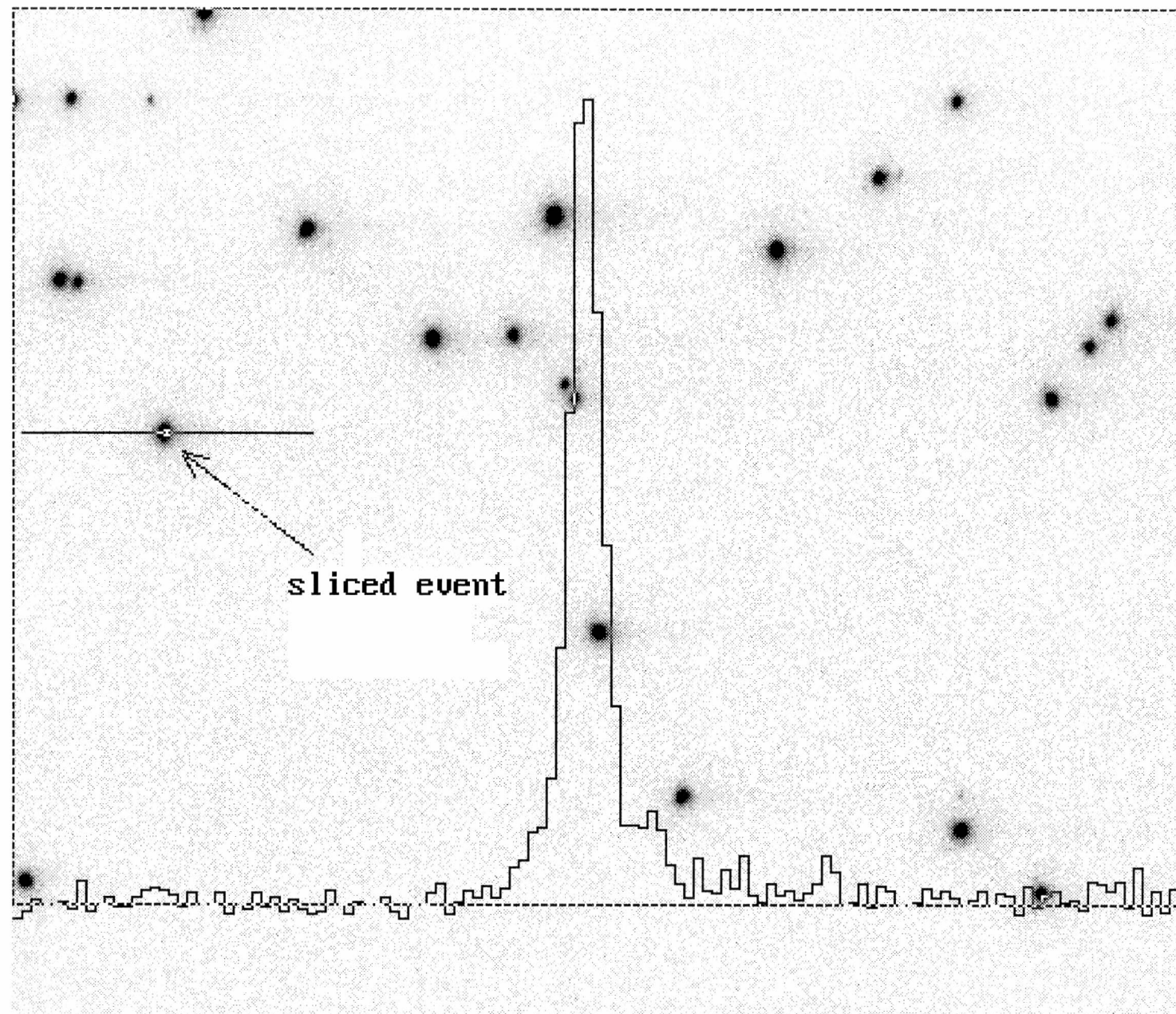


Fig. 7_3a 19H 46M 00S 1999/05/21/
 STD001 normalized 64 frames DEPFM_1 tube Reject bad events x4



DEP #4 tube
shows SIB-free
event shapes

453-2300-5060
volts

Fig. 7_1b
DEP #4 tube x3 magnified CCD snap frame (5.29um = 1 pixel)

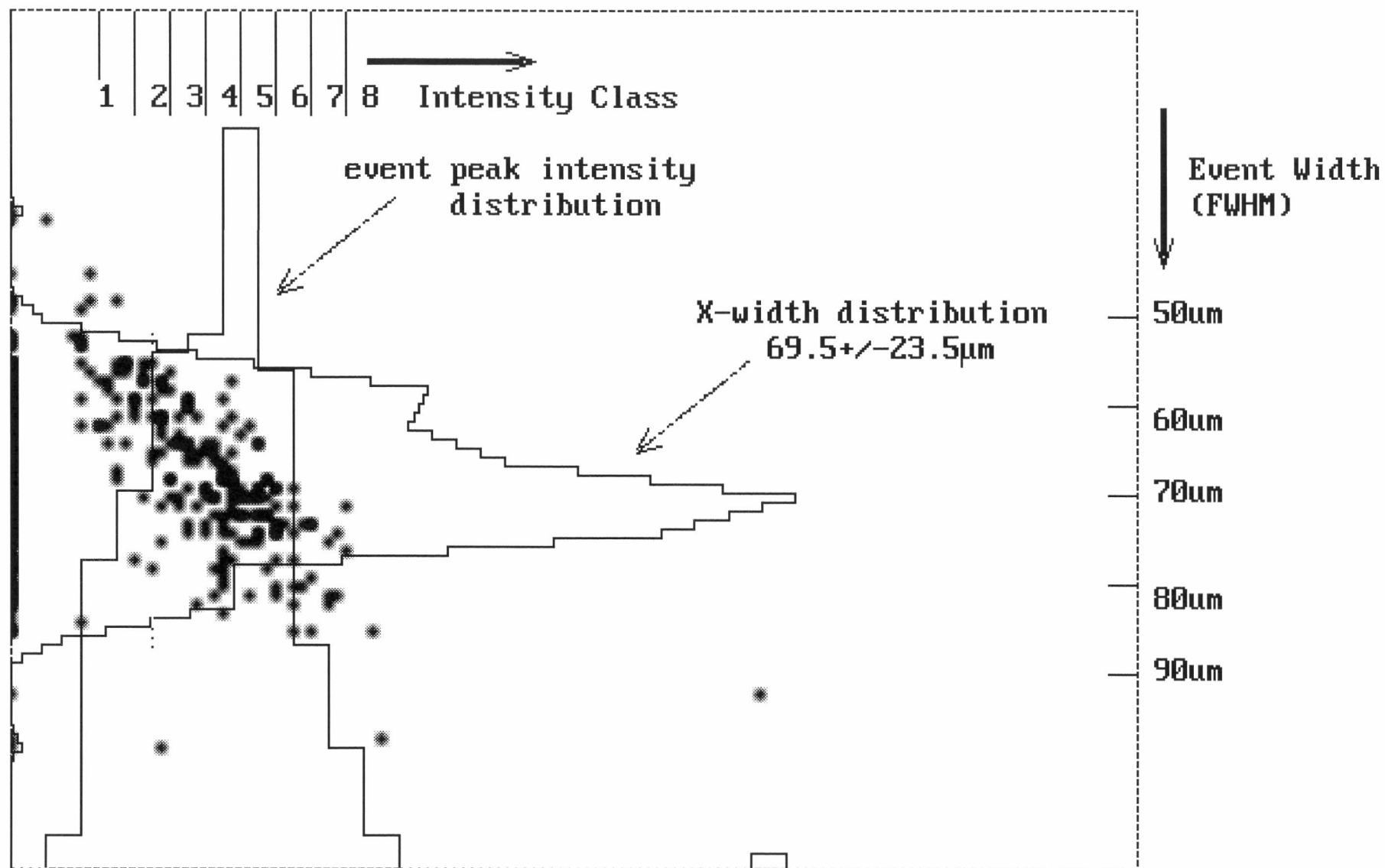
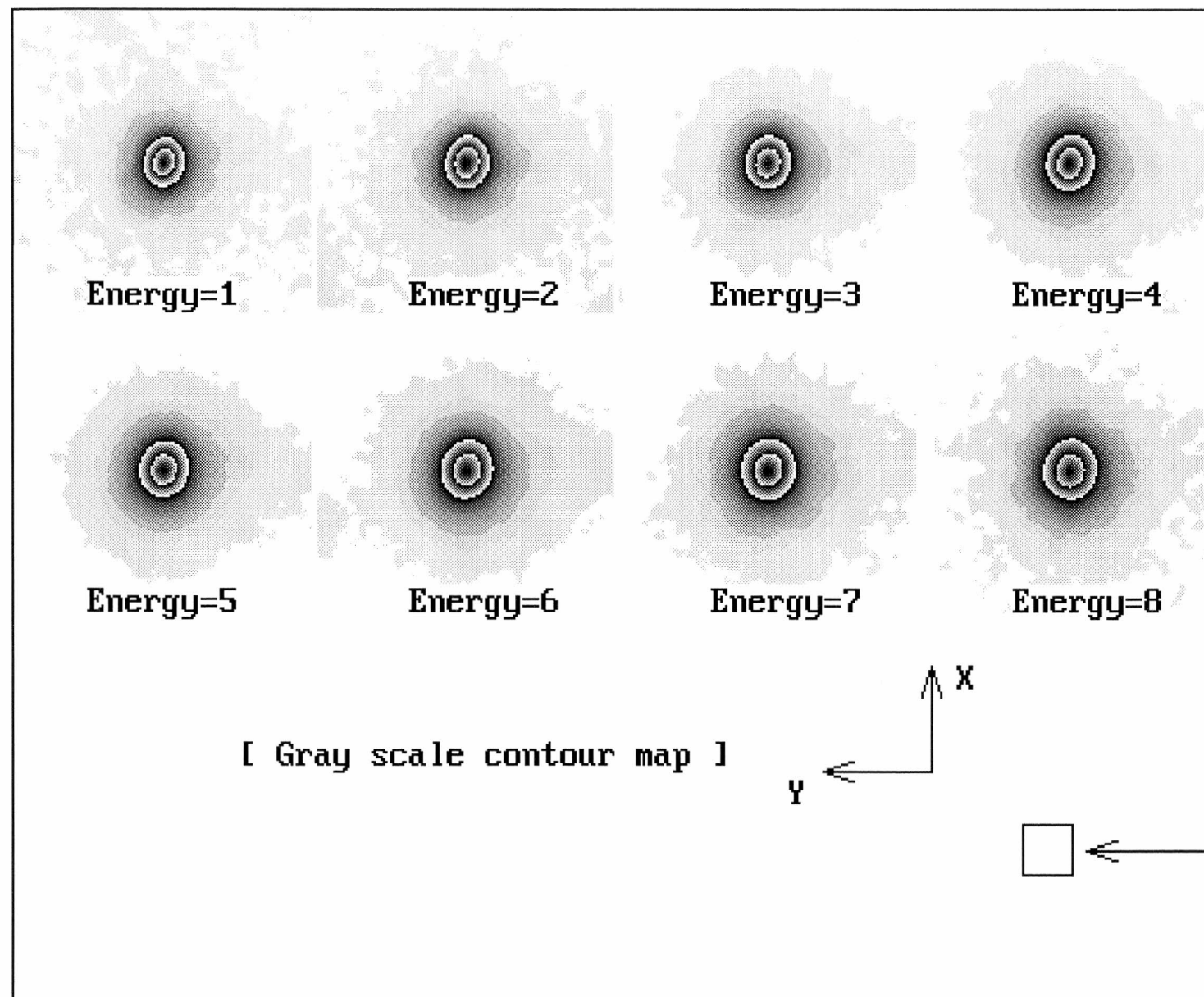


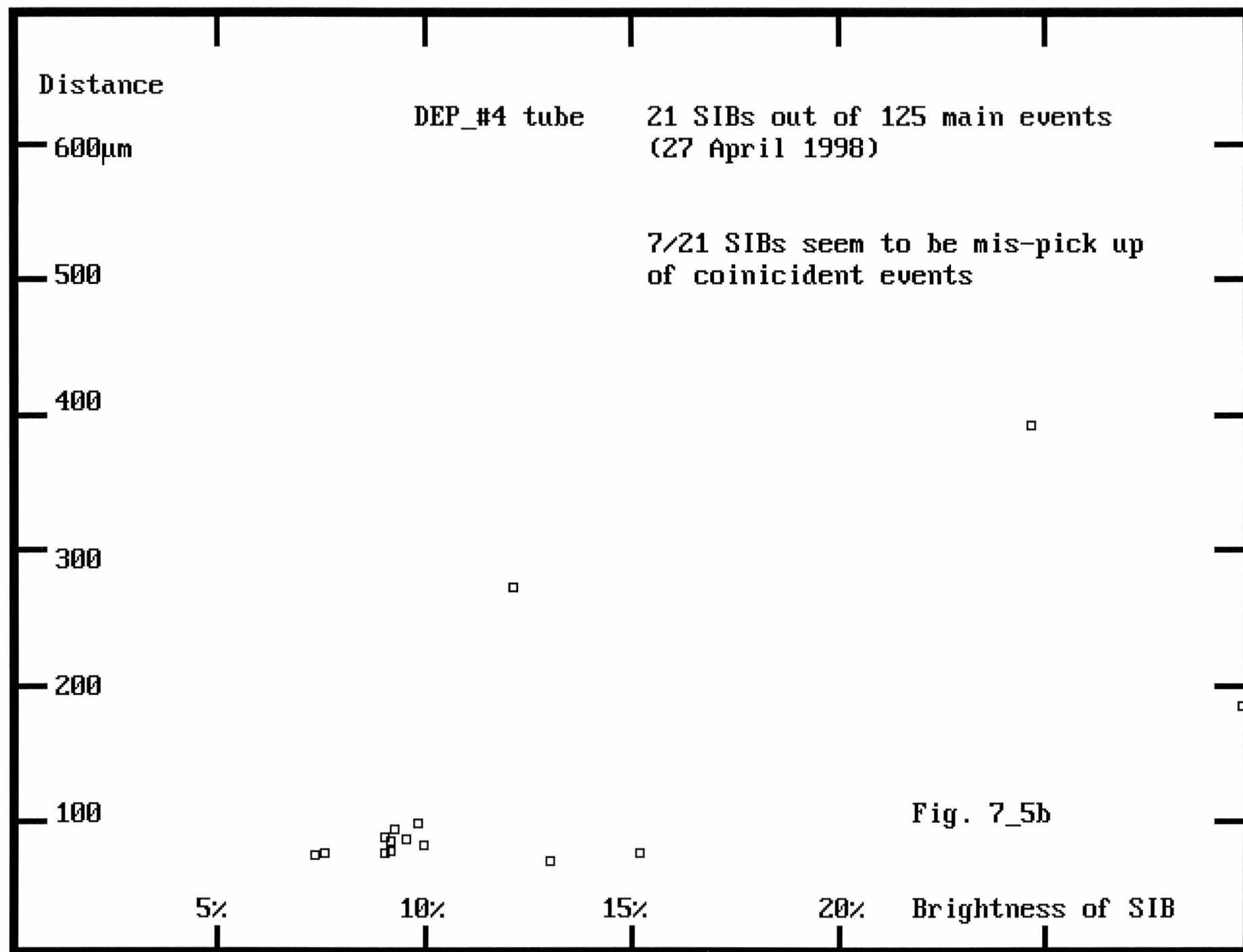
Fig. 7_2b 12H 50M 00S 1999/06/03/
PHD007 Energy Dist v.s. width 158/199 events 453-2300-5060 DEP_#4

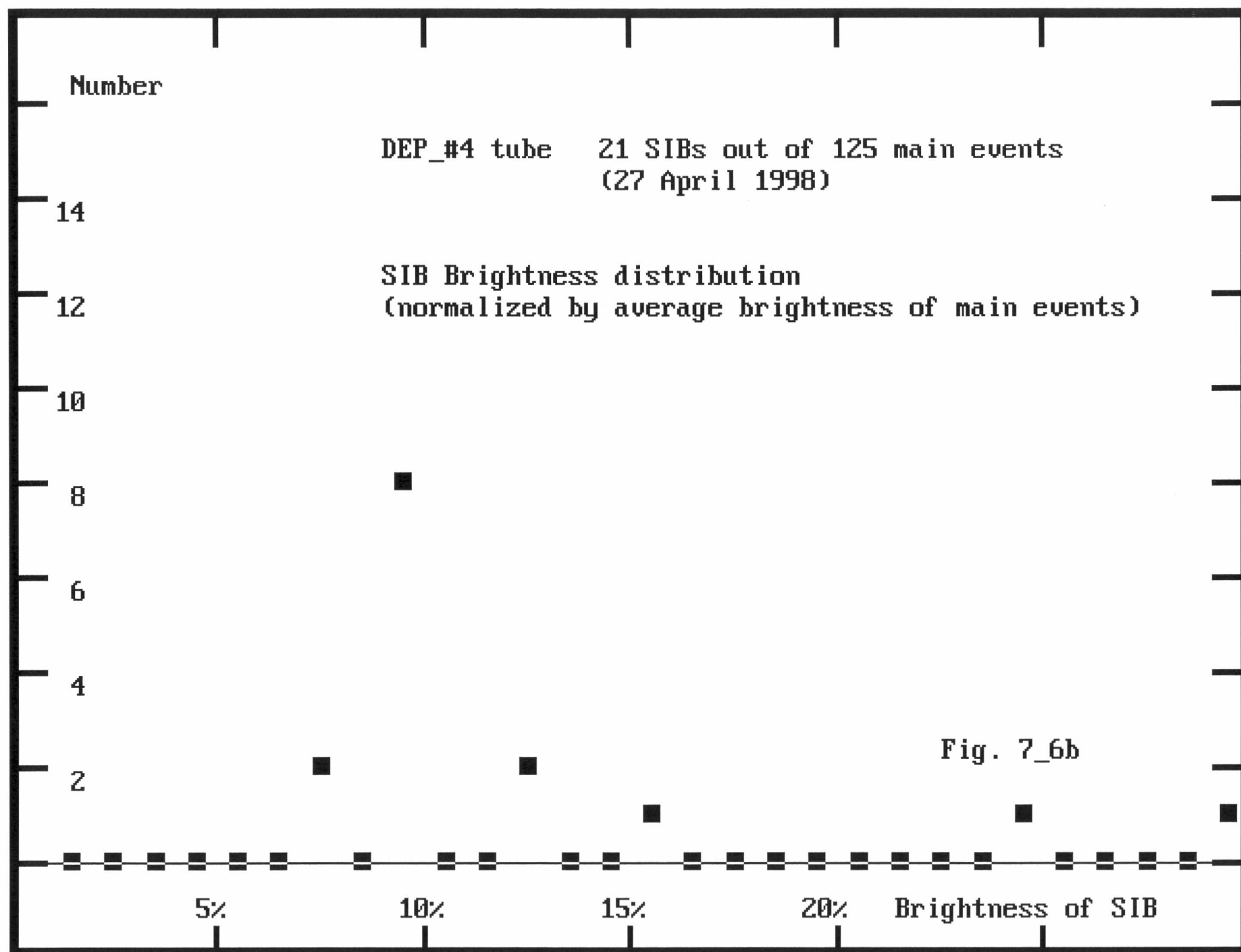


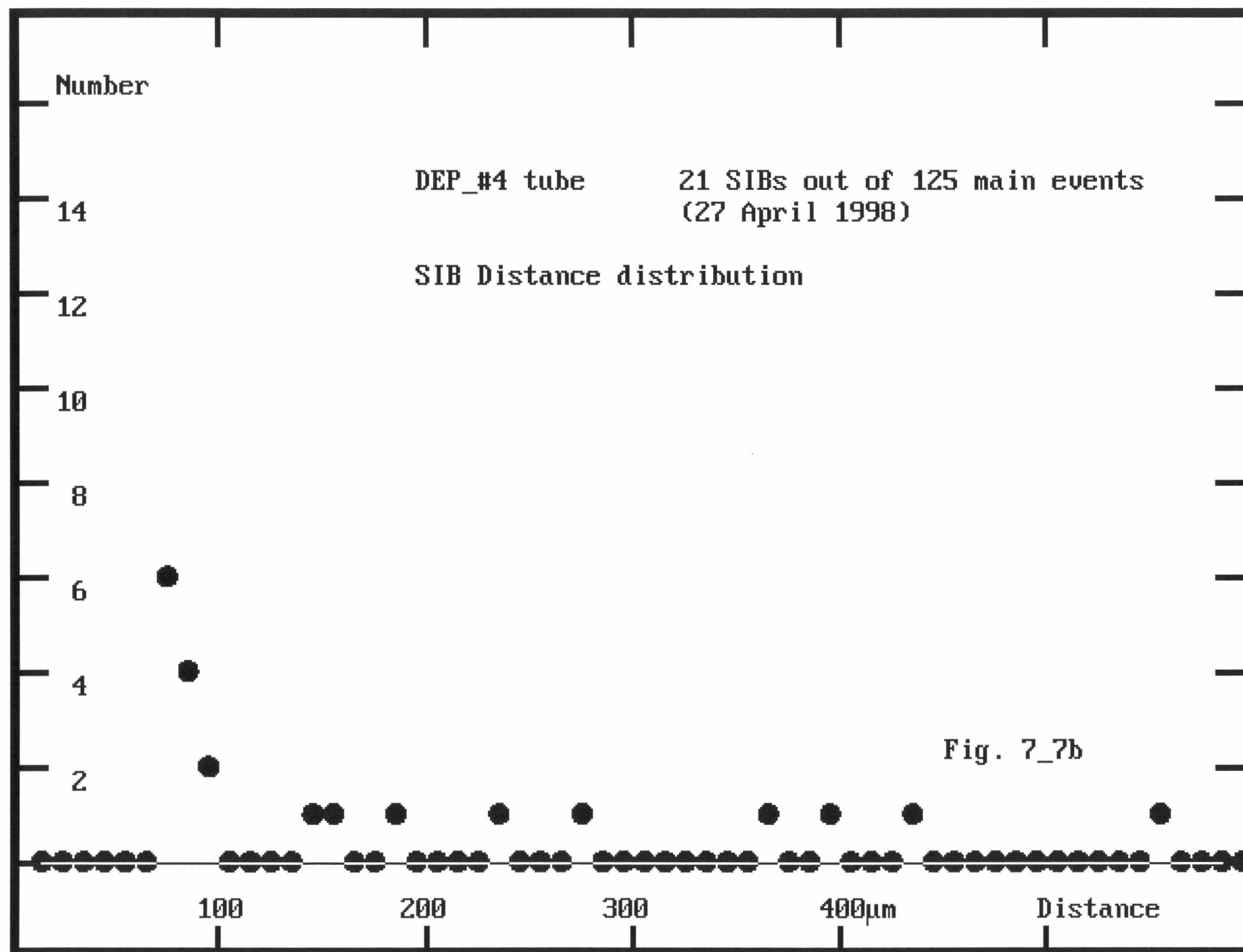
Standard event
profiles from
158 events

X- and Y-
axes are
swapped
in this
figure

Fig. 7_3b 12H 50M 00S 1999/06/03/
STD007 Normalized 10FRs 158/199 453-2300-5060 DEP_#4 (70,1000,400)







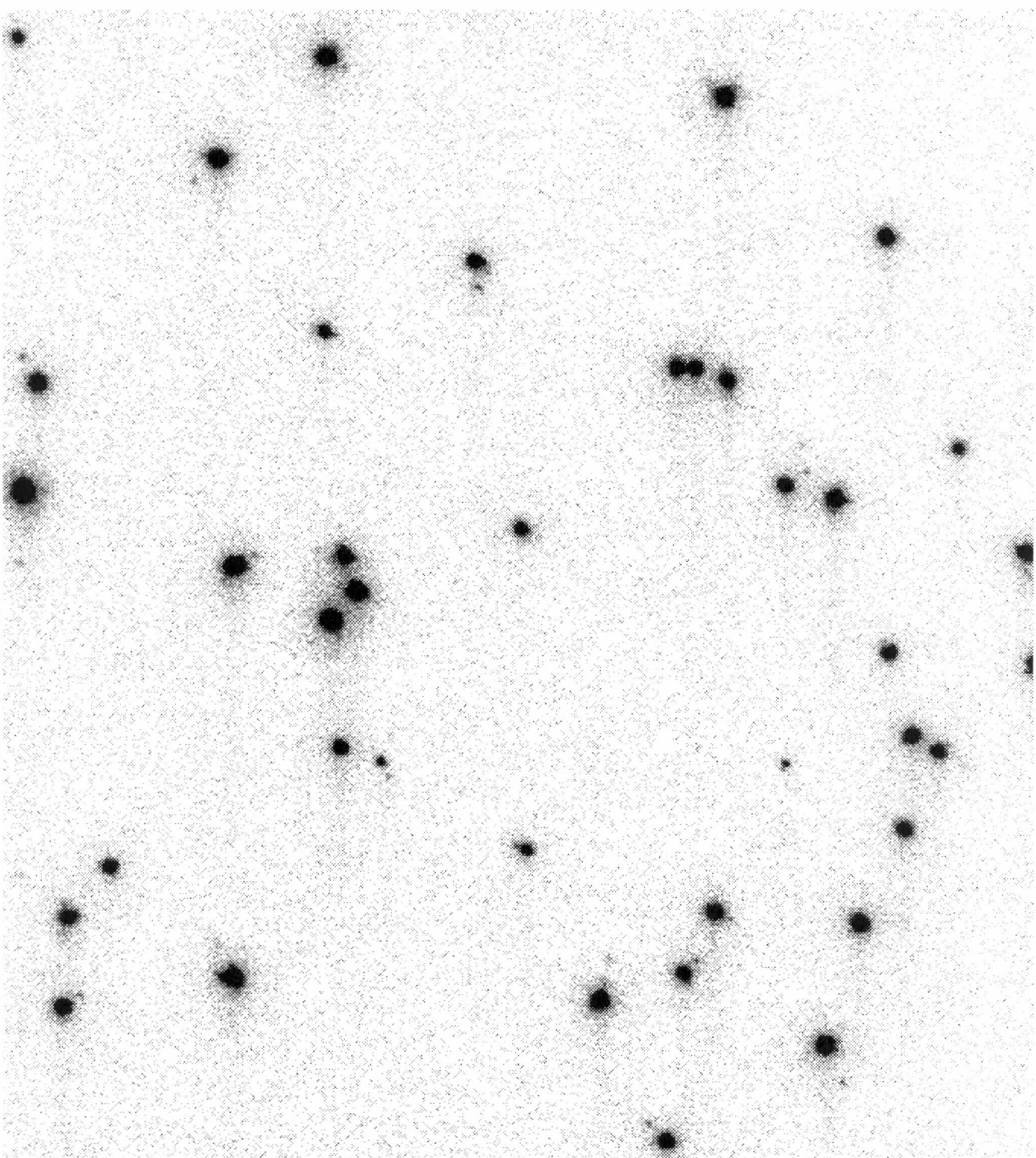


Fig. 7_1c 15H 38M 00S 1998/04/27/
DEP028 DEP_#5 tube 450-2350-5170 1 pix = 5.5um by SBIG CCD camera

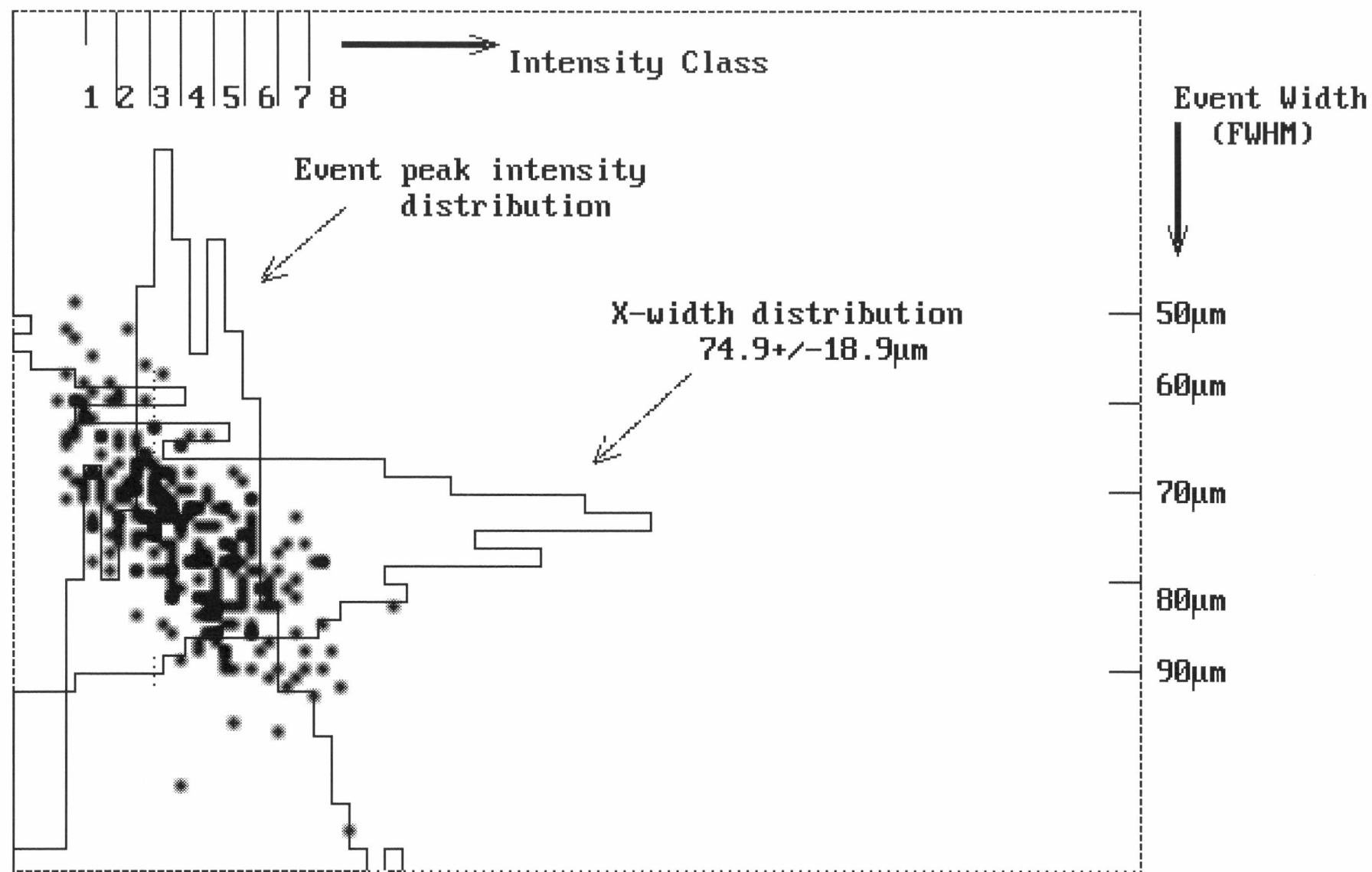


Fig. 7_2c 11H 10M 00S 1999/06/04/
PHD008 Energy Dist v.s. width 203/282 events 450-2350-5170 DEP_#5

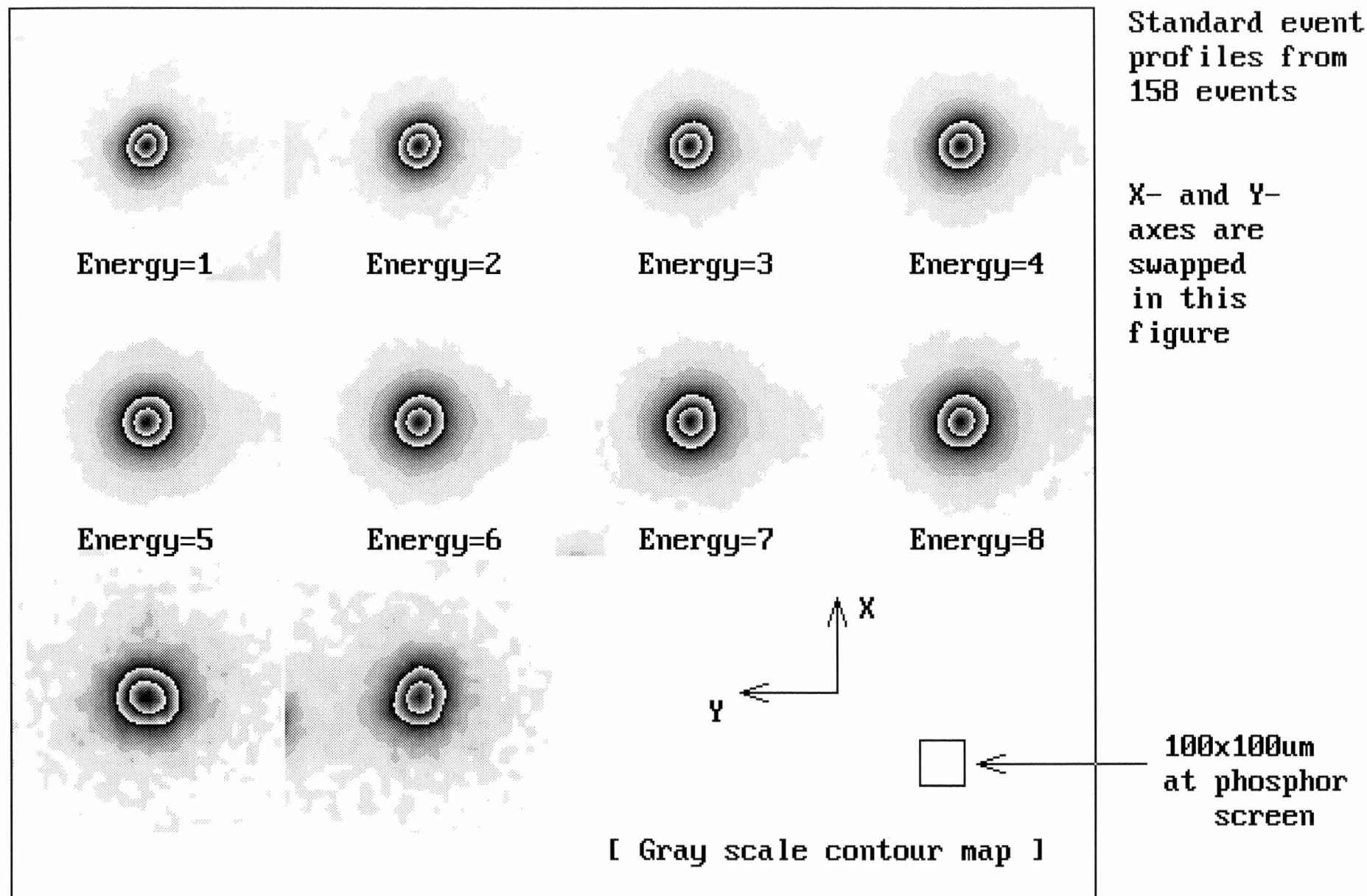
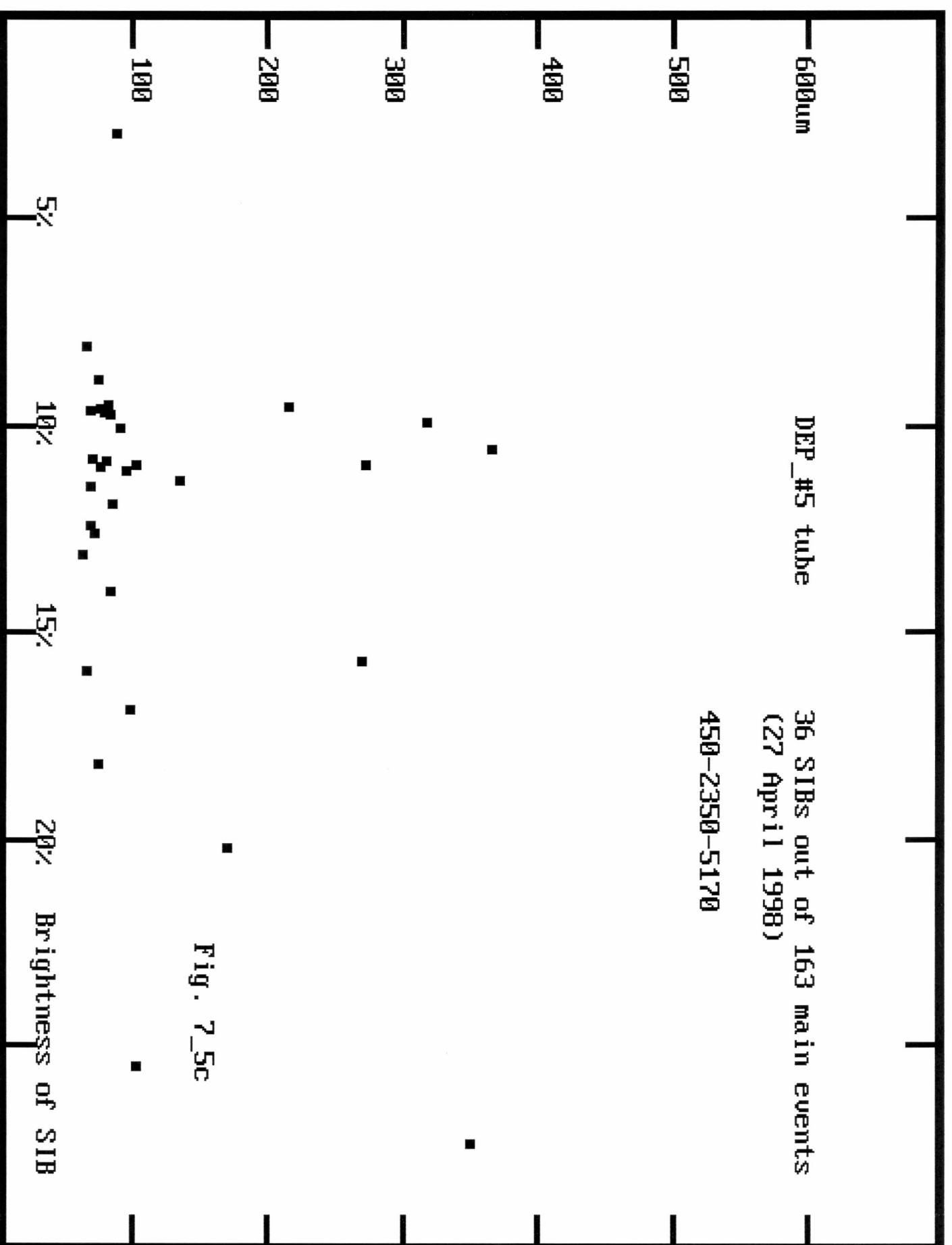
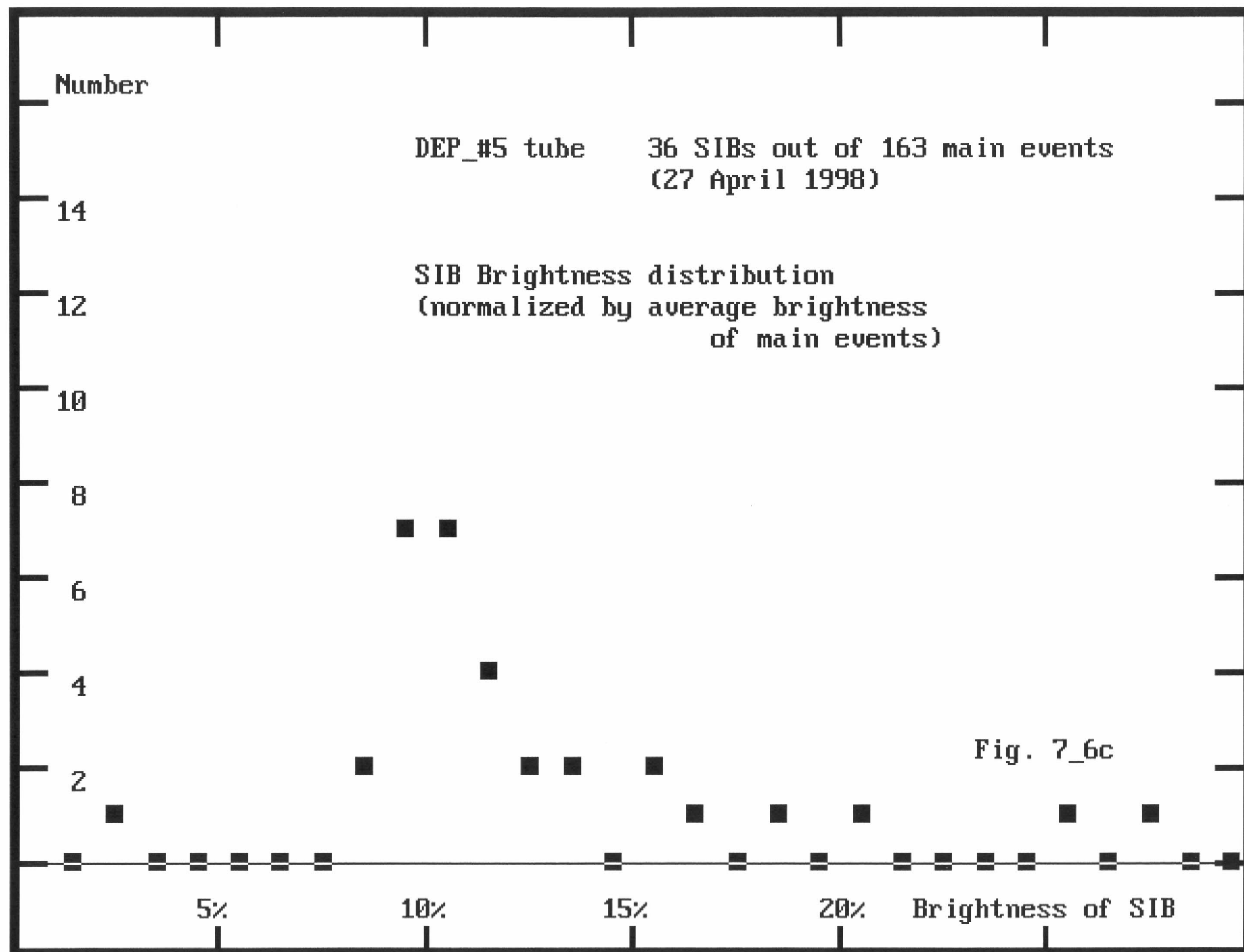
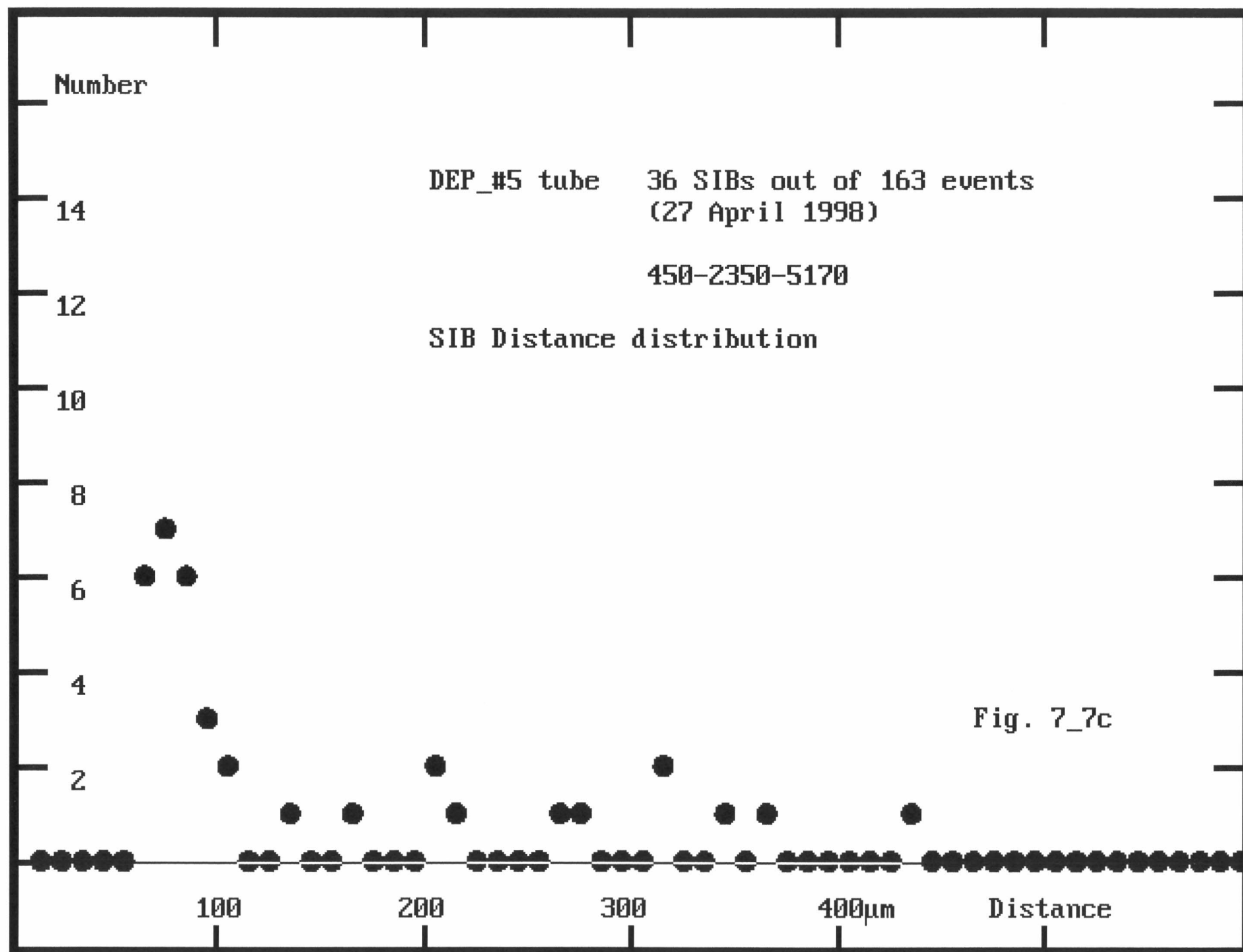


Fig. 7_3c 11H 10M 00S 1999/06/04/
 STD008 Normalized 10FRs 203/282 450-2350-5170 DEP_#5 (60, 840,360)







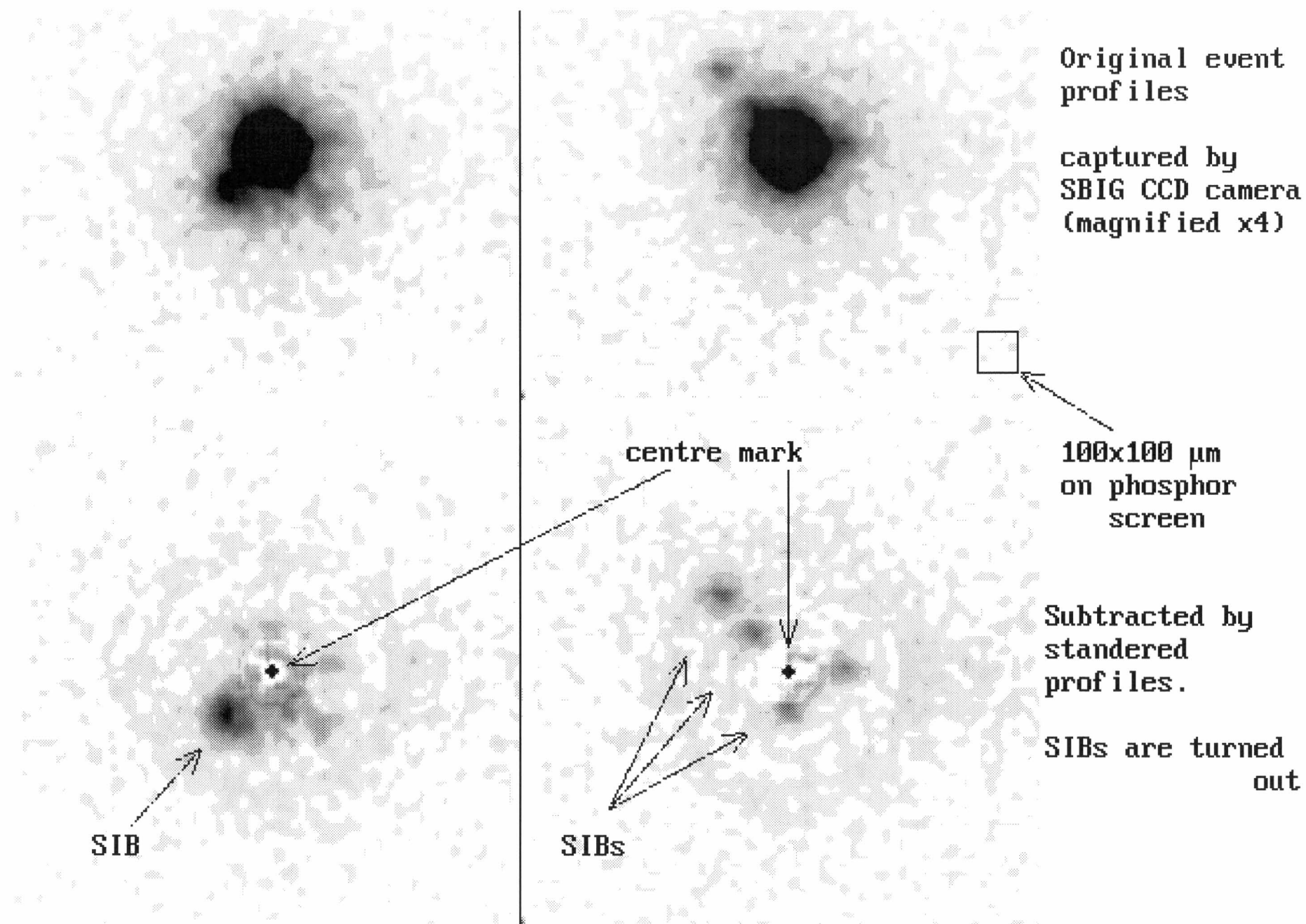
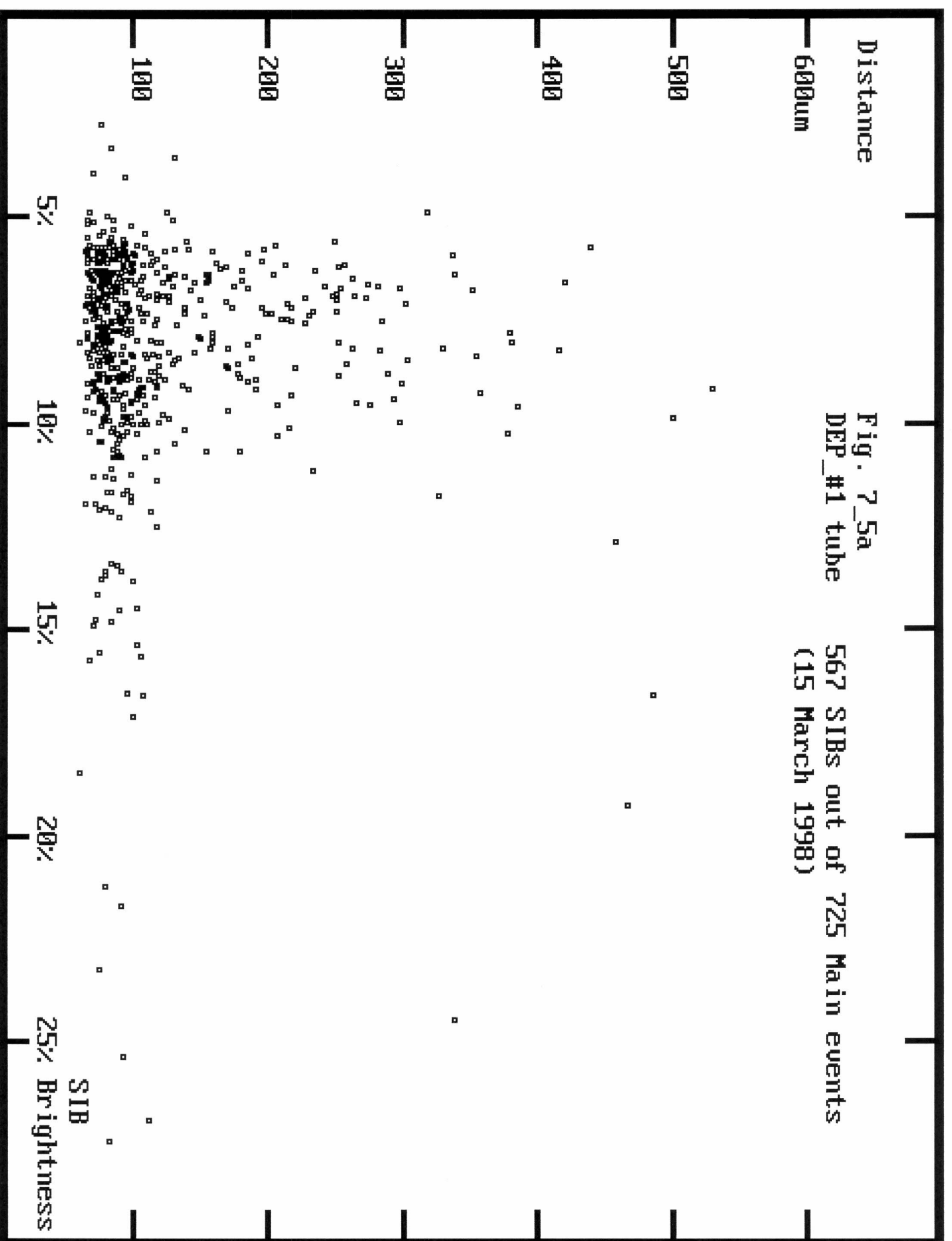
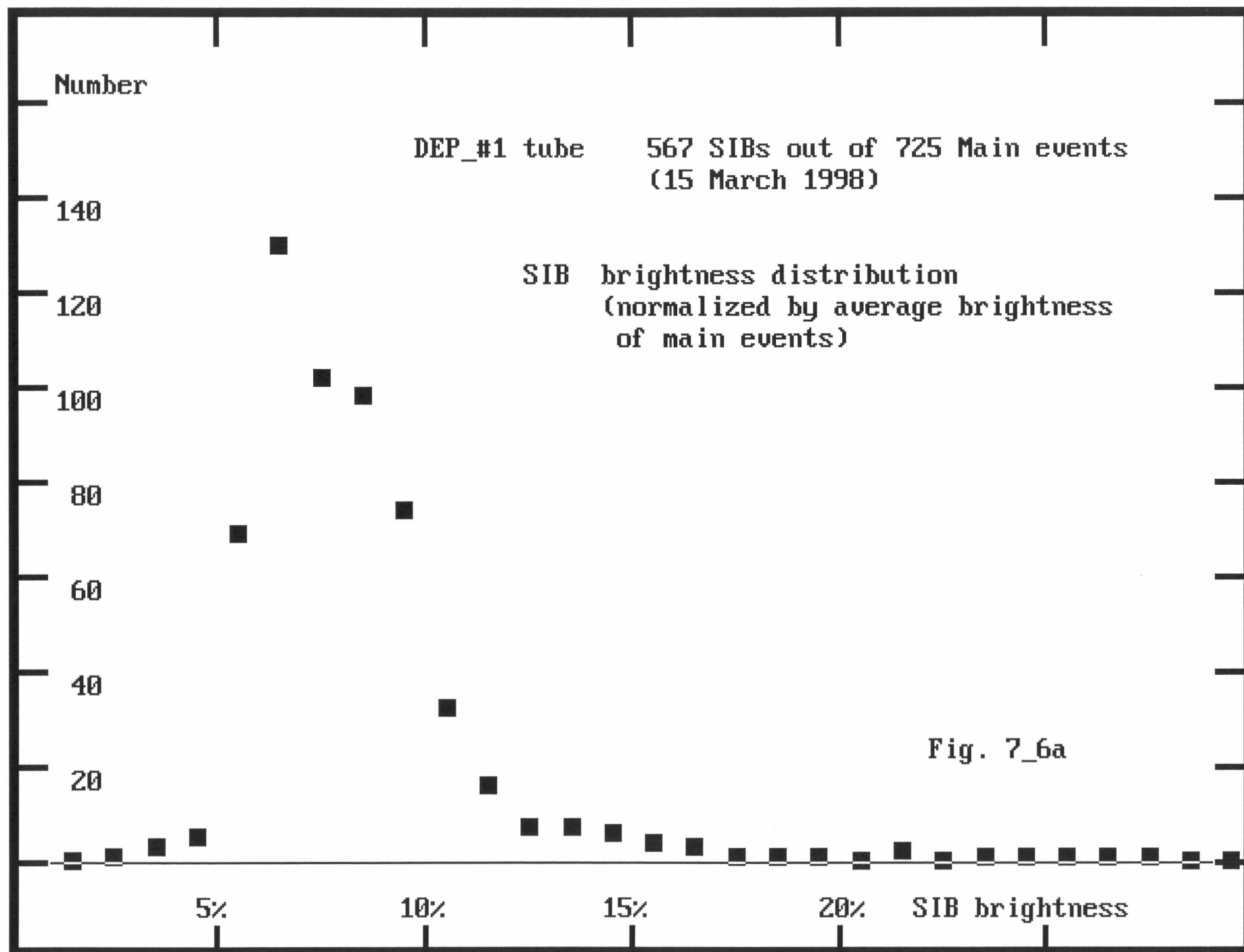
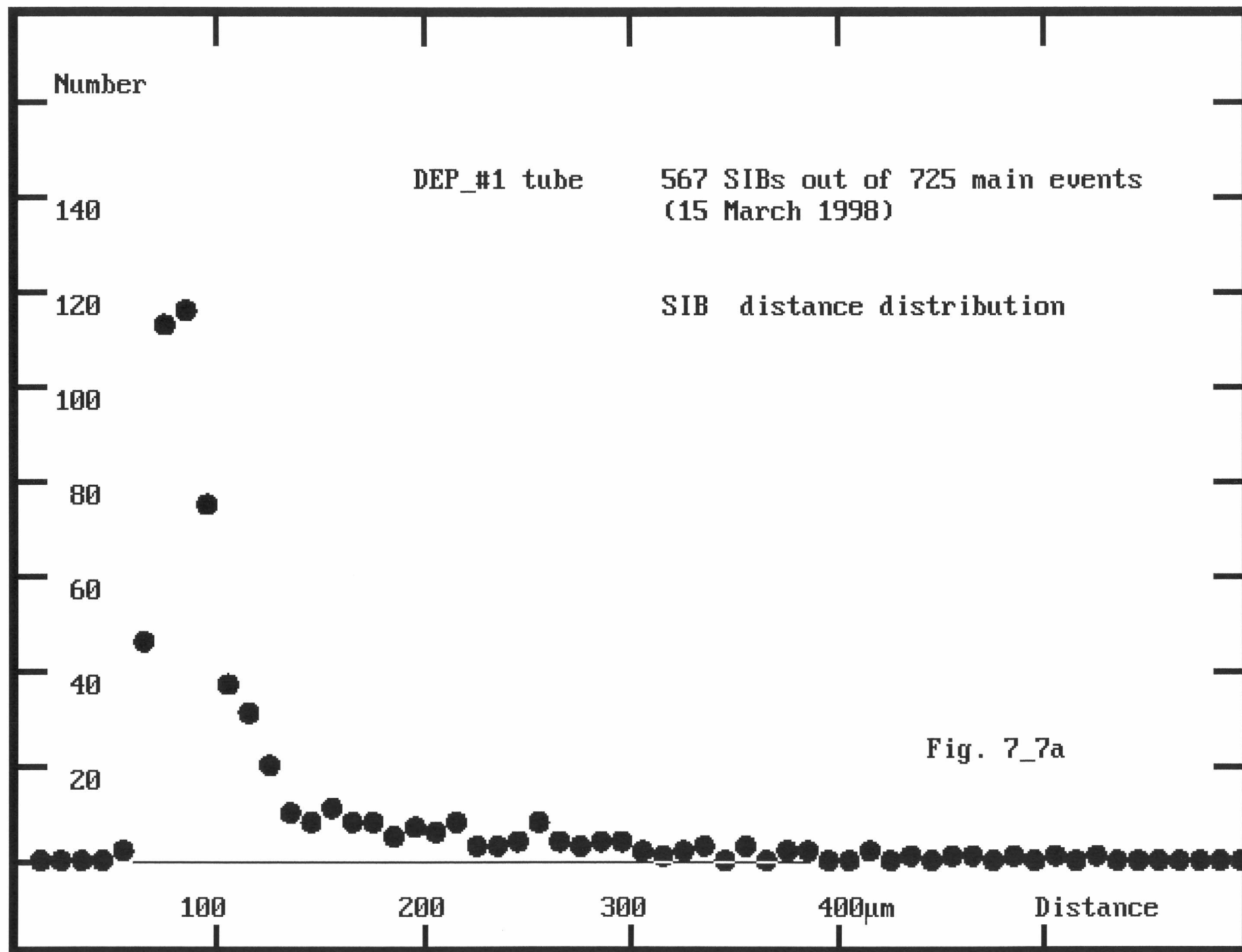


Fig. 7_4 10H 30M 00S 1999/05/24/ DEP_1 tube
SIB003 2 examples of SIB and its fine detection







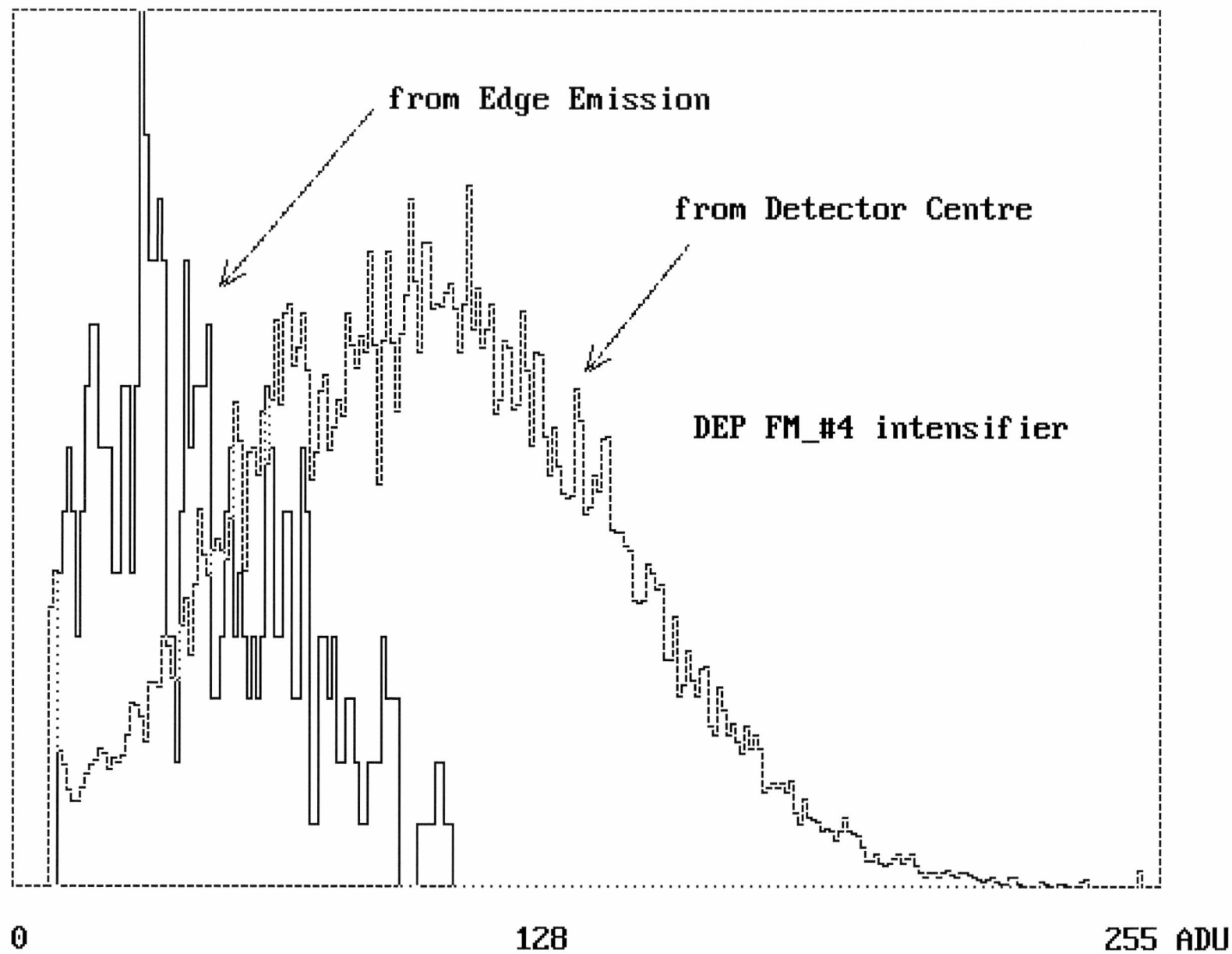


Fig. 8_1
Pulse Height Distribution from Edge emission and detector centre

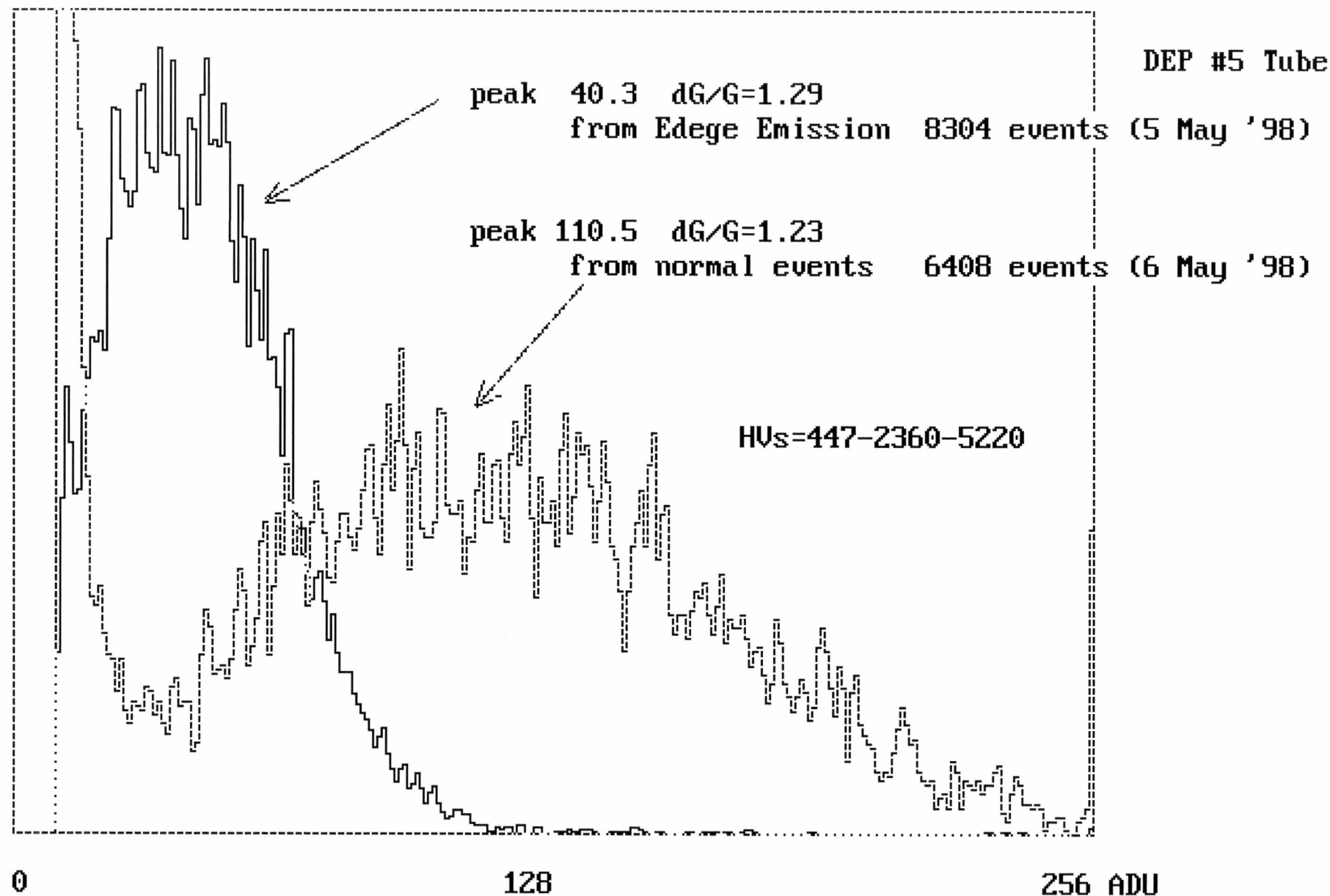


Fig. 8_2

Pulse height distribution of edge emission compared with normal events.