

ETAT DE L'ORBITE DU PS

Cette note fait suite à celle du 7 mai 1974 et donne les orbites de références du PS, aux énergies caractéristiques habituelles, à savoir 50 MeV, 800 MeV et 10 GeV/c. Les mesures publiées ont été faites à la fois par le système de mesure CODD, et sur film 35 mm. Elles donnent l'état de la machine avant le grand arrêt annuel, et permettront une comparaison avec l'état après le redémarrage de fin février 1975. Les originaux peuvent être consultés auprès de C. Saulnier.

C. Saulnier

Distribution

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E. Schulte

# RADIAL CLOSED ORBIT at 50 Mev

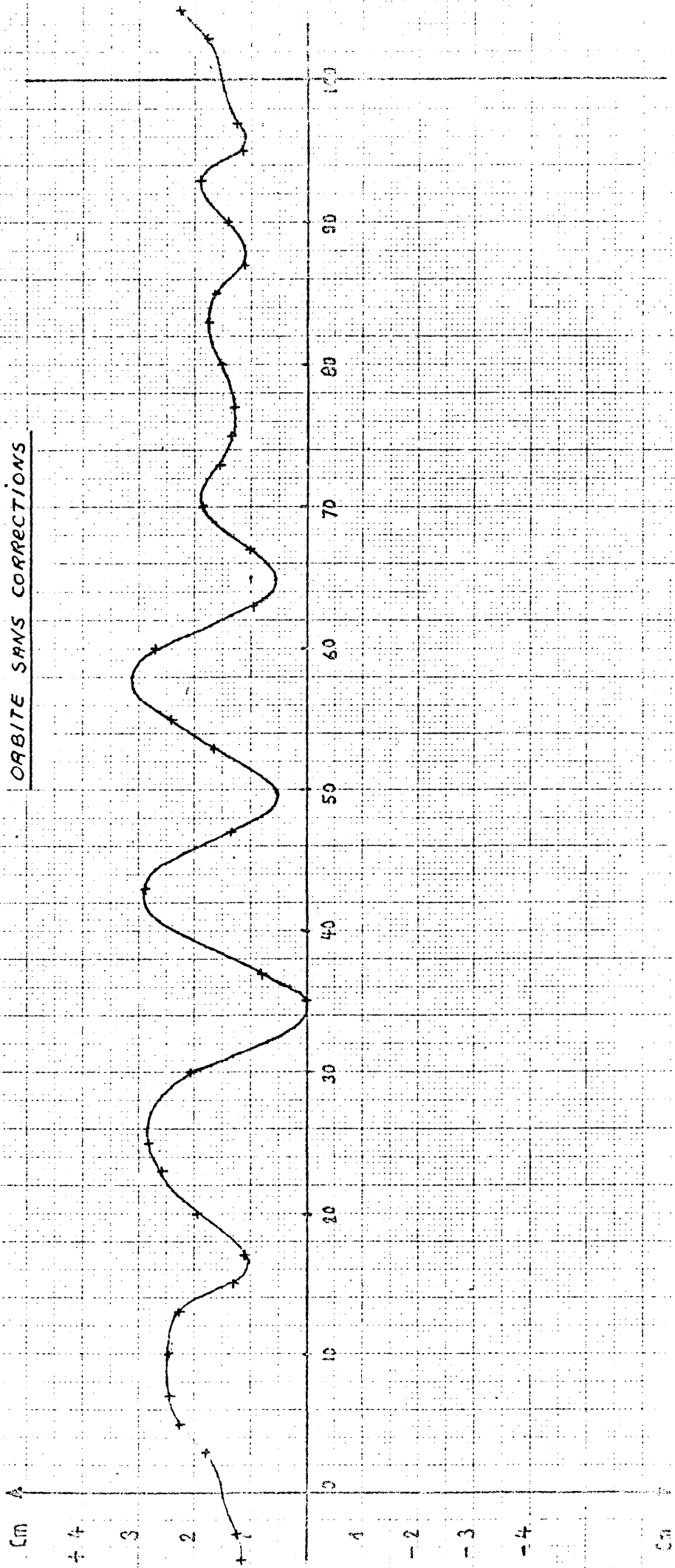
Film n° 1

Date 23 Novembre 74

TELE: kV	IP11:	kV	IP12:	kV	Inj time:	µs	PFW:	mm	BLW n°	Mag:
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QUAD	Foc	A	Foc	A	Qv:
	Def	A	Def	A	
			SK. QUAD		

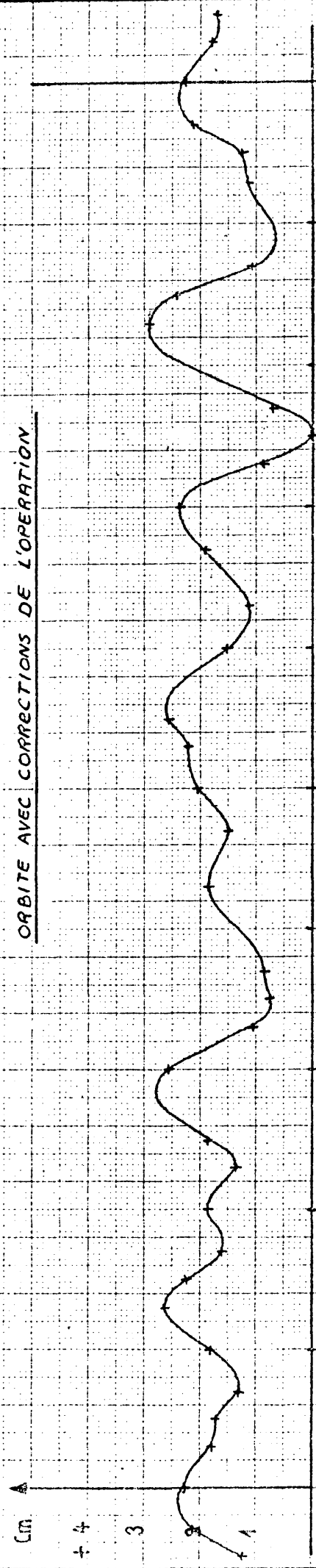
## ORBITE SANS CORRECTIONS



RADIAL CLOSED ORBIT at 50 Mev Film n° 3 Date 23 novembre 74

JETT: kV IP11; kV IP12; kV Inj time:  $\mu$ s PFW: mm BLW n° Mag:

QUAD Foc Def A A SK. QUAD Foc Def A A Or: 6.236 Qv:



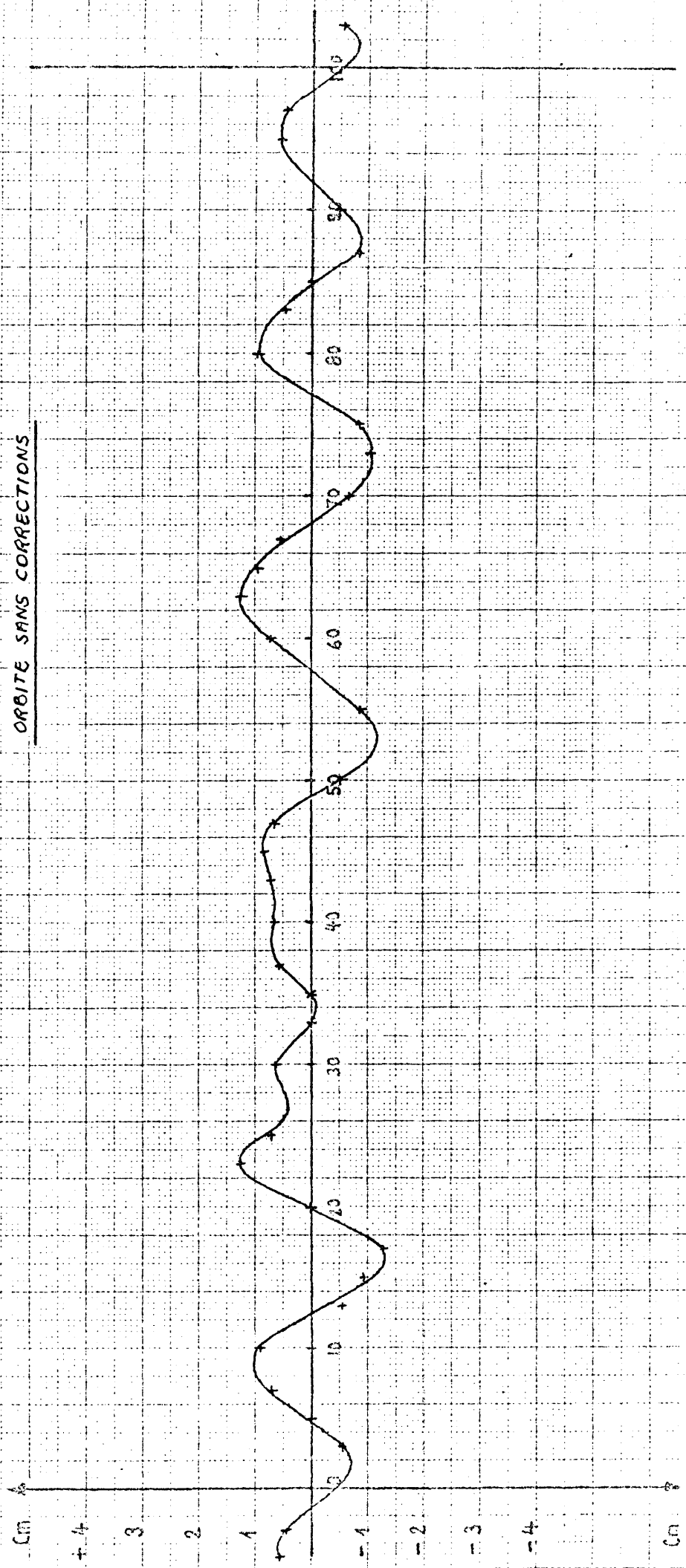
Intensité des corrections (mA)

-1	0	10	20	30	40	50	60	70	80	90	100
-2	BLW 60 = 70	BLW 50 = 230	BLW 94 = - 250								
-3	" 09 = - 820	" 66 = - 160	" 80 = - 30								
-4	" 14 = 310	" 32 = 870	" 18 = 710								
	" 20 = - 710	" 64 = 560	" 22 = 120								
	" 24 = - 820	" 69 = 390	" 26 = - 1190								
	" 28 = 810	" 74 = - 160	" 30 = 350								
	" 34 = 1100	" 79 = 70	" 38 = - 240								
	" 39 = - 1150	" 73 = 0	" 46 = - 1030								
	" 44 = - 160	" 89 = 330	" 42 = - 400								
			" 58 = 70								

VERTICAL CLOSED ORBIT at 50 Mev Film no 2 Date 23 novembre 74

IE11: kV	IPI1:	kV	IPI2:	kV	Inj time:	$\mu$ s	PFW:	mm.	BLW no.	Mag:
Foc A	A	SK. QUAD	Foc A	Or:	Qv: 6.444					
Def. A	A		Def. A							

ORbite SANS CORRECTIONS



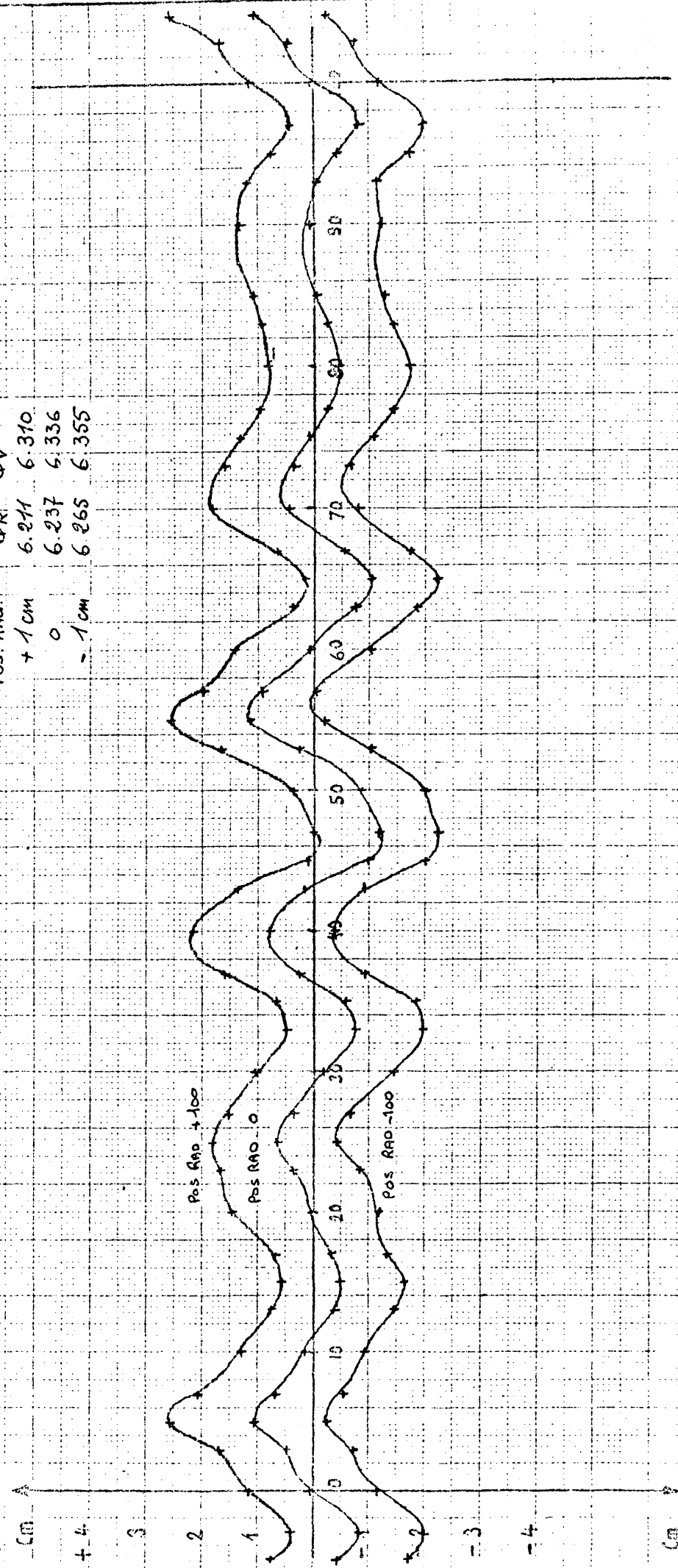
800 Mev

RADIAL CLOSED ORBIT at B70 Film # CODD Date 18 Novembre 74

IE11: kV IPI1: kV IPI2: kV Inj time:  $\mu$ s PFW: mm BLW n<sup>o</sup> Mag:

QUAD Foc Def A A SK. QUAD Foc Def A A Or: Qv:

Pos. Rad. QR QV  
+1cm 6.241 6.310  
0 6.237 6.336  
-1cm 6.265 6.355



(800 Nev)

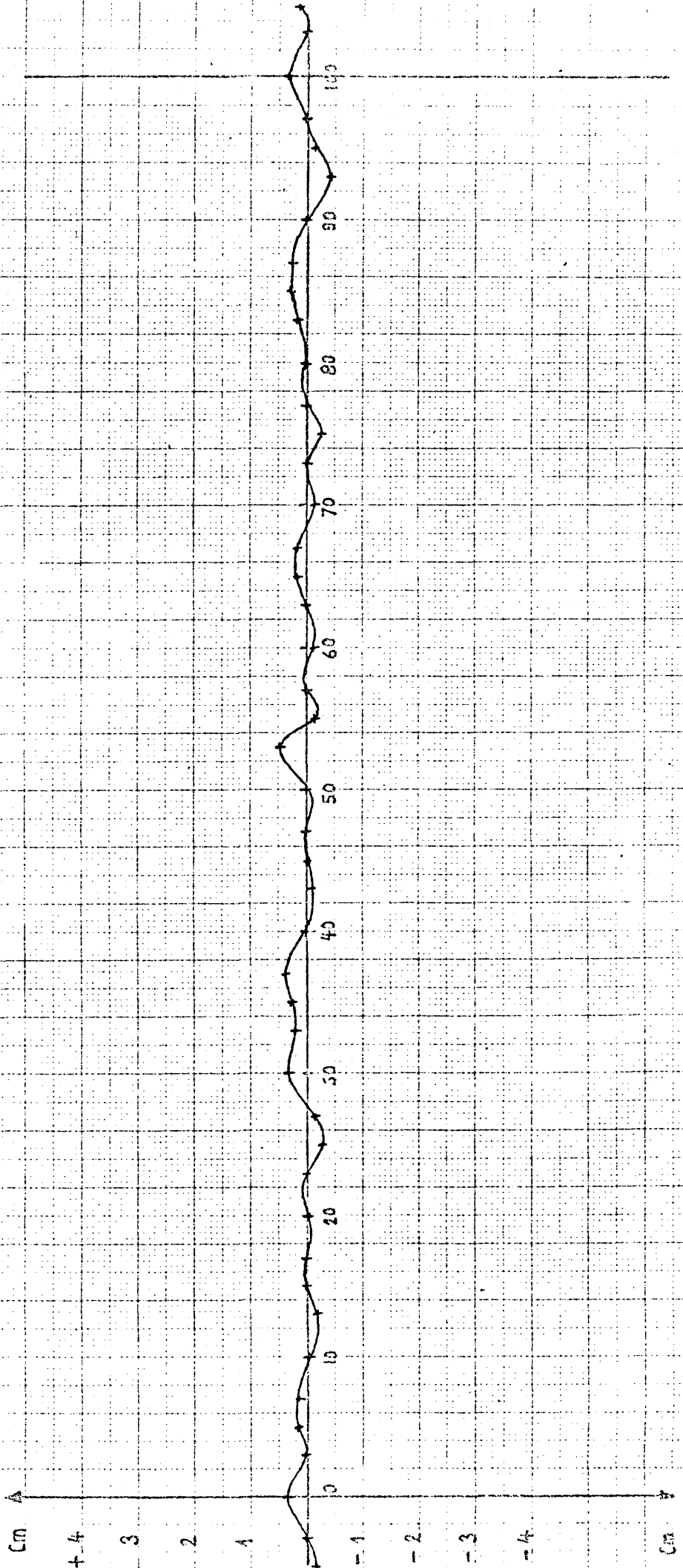
# VERTICAL CLOSED ORBIT at B70

Film n° 2

Date 18 novembre 74

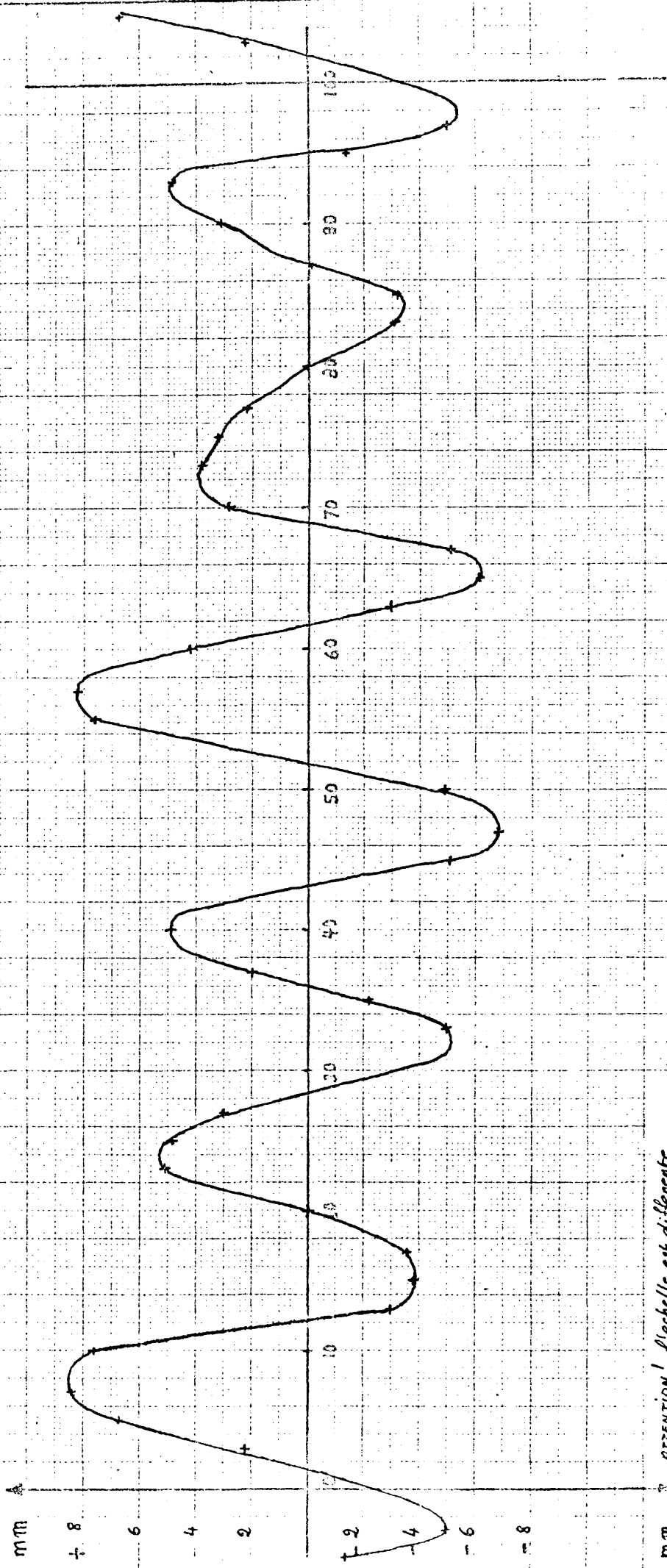
JEIT: kV IP11: kV IP12: kV Inj time:  $\mu$ s PFW: mm Mag:

QUAD	Foc	A	SK. QUAD	Foc	A	Qr: 6.237	Qv: 6.336
	Def	A		Def	A		



(No Gev)

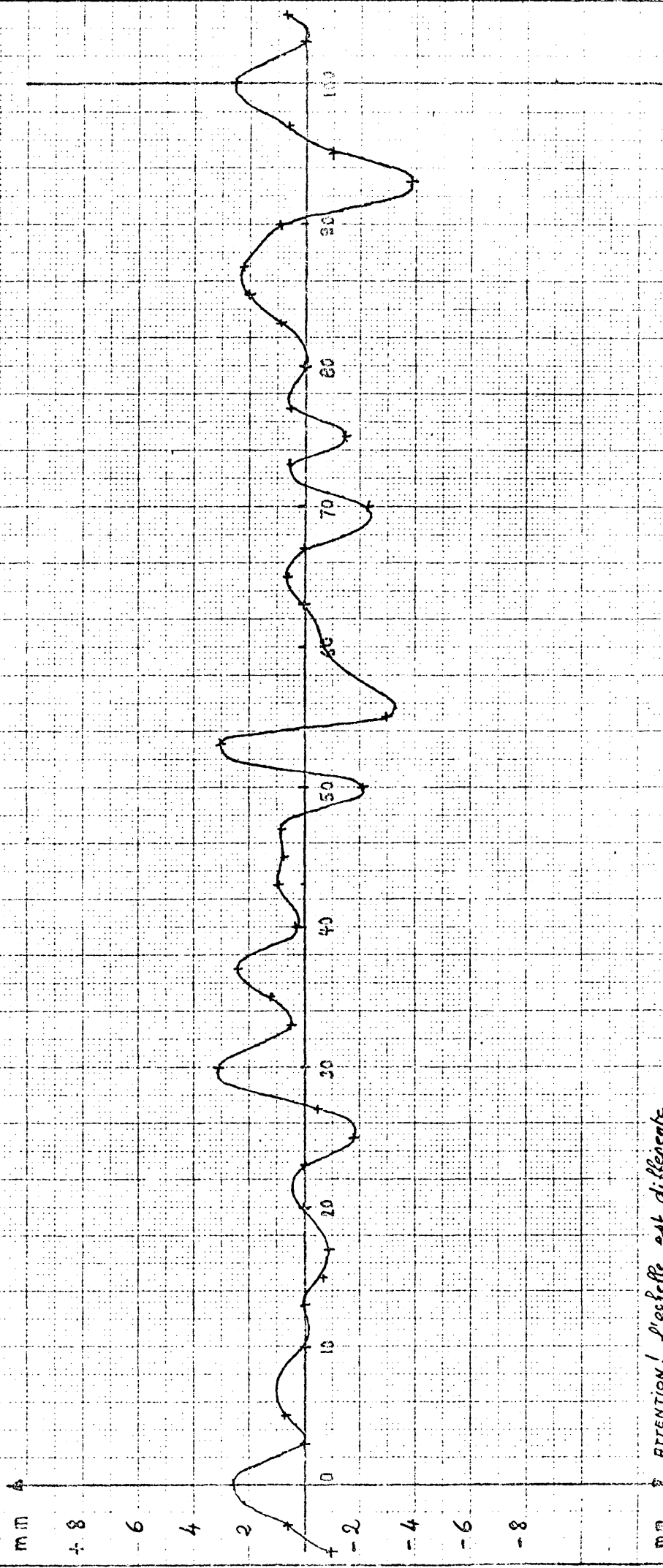
RADIAL		CLOSED		ORBIT		ai B 475		Film n° 1		Date 3 decembre 74		
IE11:	kV	IPI1:	kV	IPI2:	kV	Inj time:	µs	PFW:	mm.	BLW	µs	Mag:
QUAD	Foc Def	A A	SK. QUAD	Foc Def	A A	Or: 6.245	Qv: 6.286					



ATTENTION! l'echelle est differente

(10 Geu)

VERTICAL CLOSED ORBIT at B 475				Film n° 2	Date 3 decembre 76
IE11: kV	IP11: kV	IP12: kV	Inj time: $\mu$ s	PFW:	mm.
QUAD	Foc A	Foc A	Or: 6.245	Qv: 6.286	Mag:
Def A	SK. QUAD	Def A			



mm & ATTENTION! l'ecelle est différente