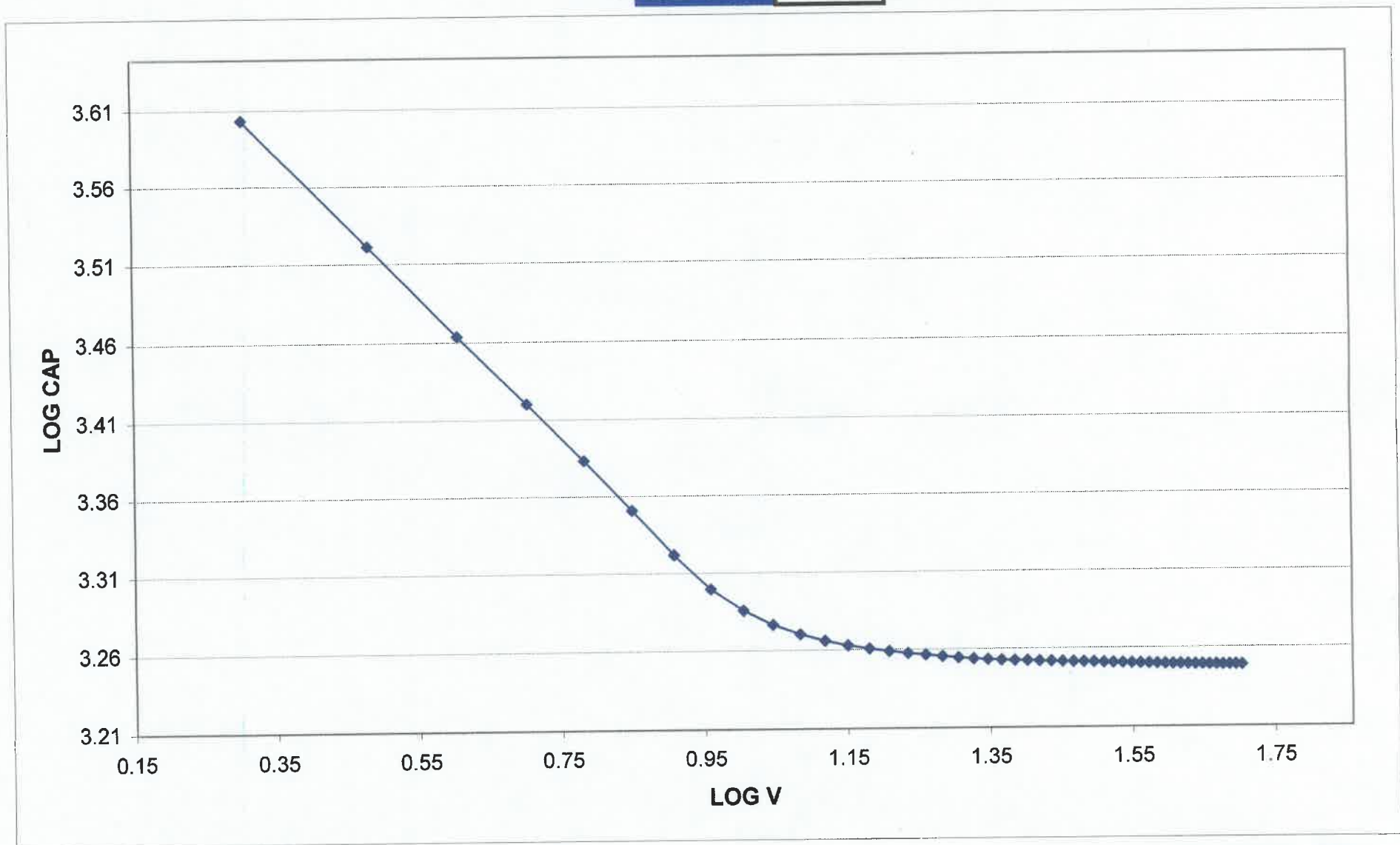


Depletion Plot **W1-170**

Wafer No.: **3106-10**

Thickness: **170** um

Depletion: **19** Volts



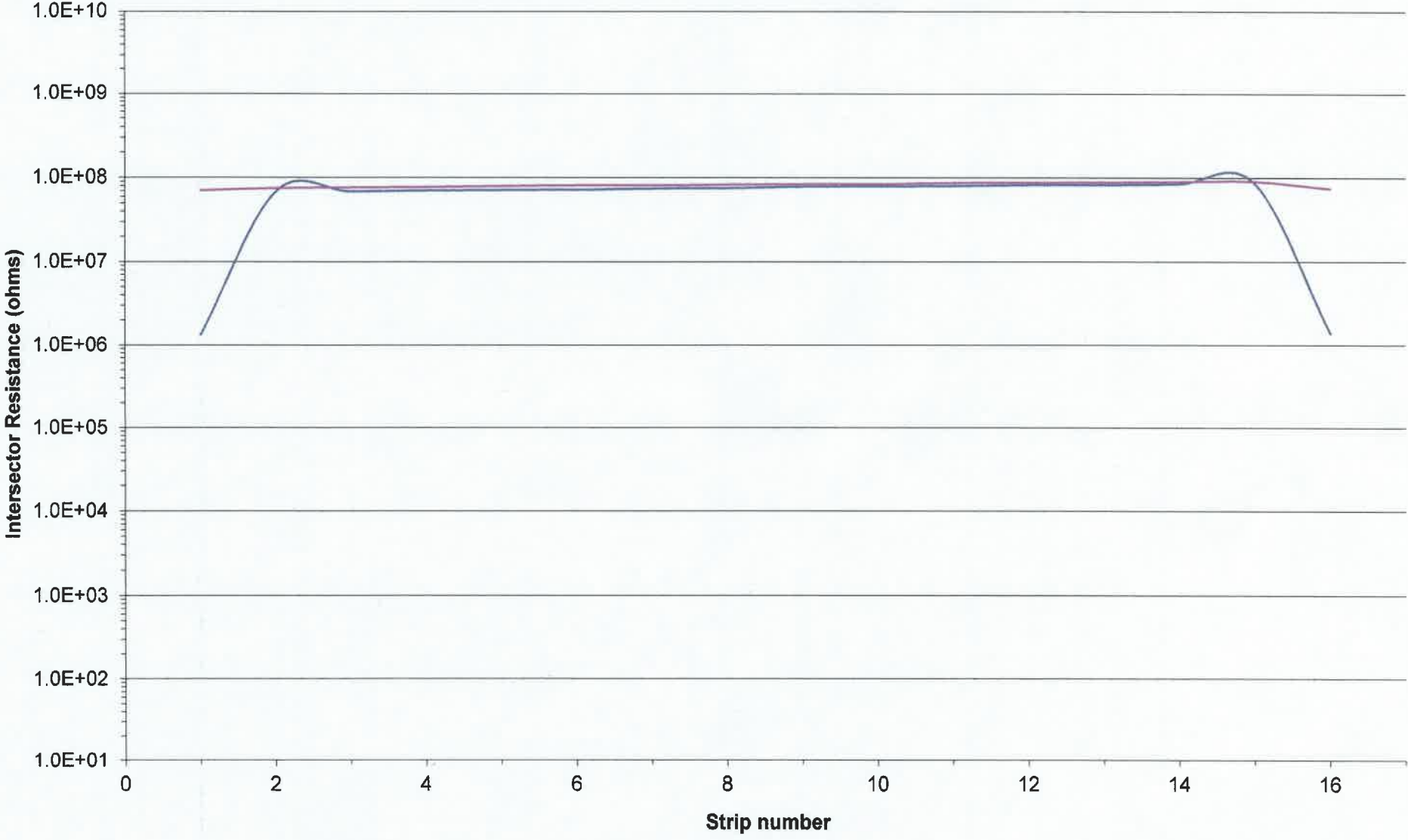
912
798
684
570
456
342
228
114
0

Energy(keV)

0 5000 10000

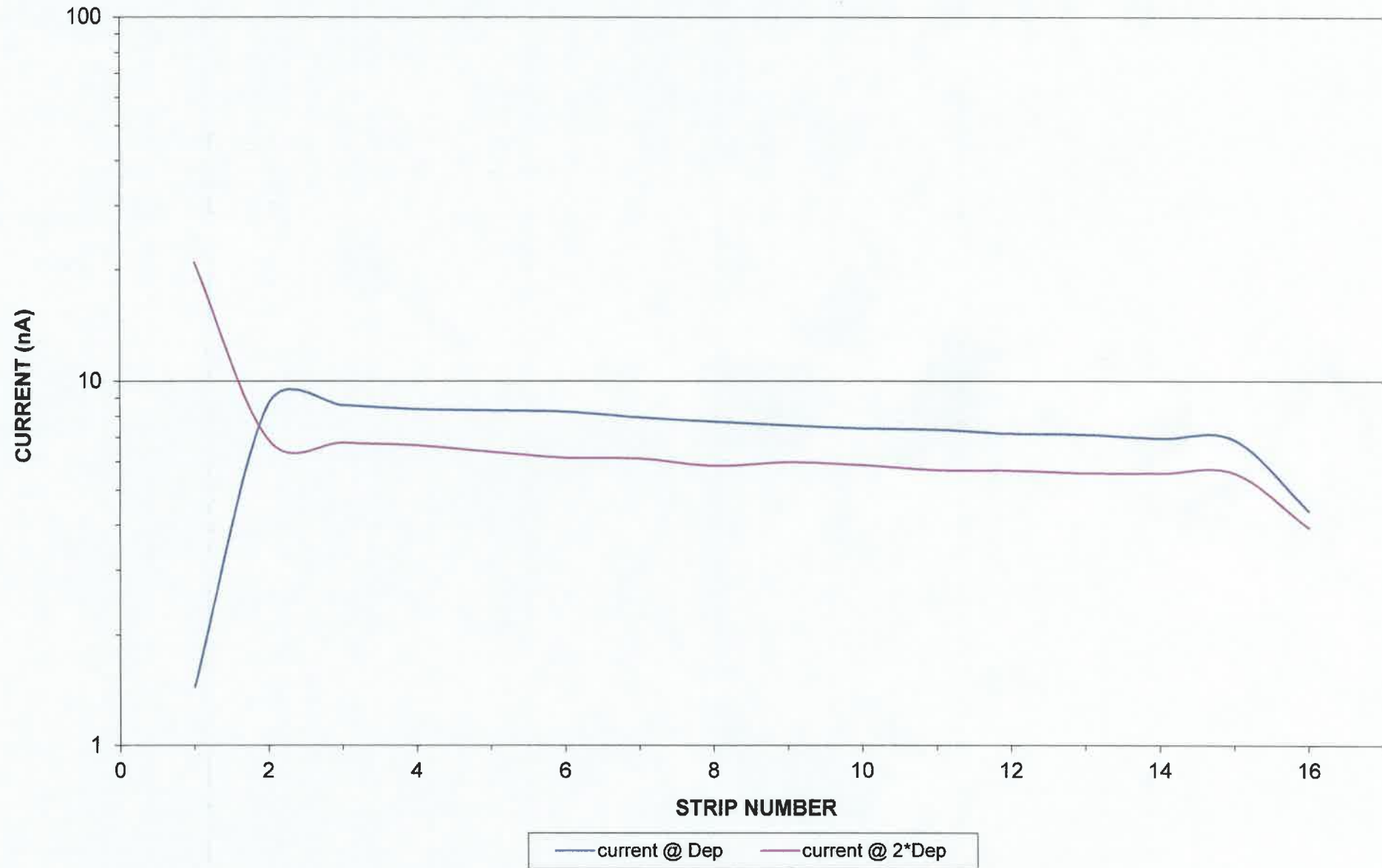
DESIGN W1-170 TYPE 9T MSL:3106-10 T=170 MICRONS TEMP=22.1DC V=40 VOLTS I=53 nA	
(NN+ JUNCTION)	(P+N JUNCTION)
DET LINE - 128 KEV	DET LINE - 139 KEV
SYSTEM - 106 KEV	SYSTEM - 108 KEV
CALCULATED QUADRATURE - 71.7 KEV	CALCULATED - 86.6 KEV

Design-W_170 D/S
3106-10 Ohmic side Dep=19V

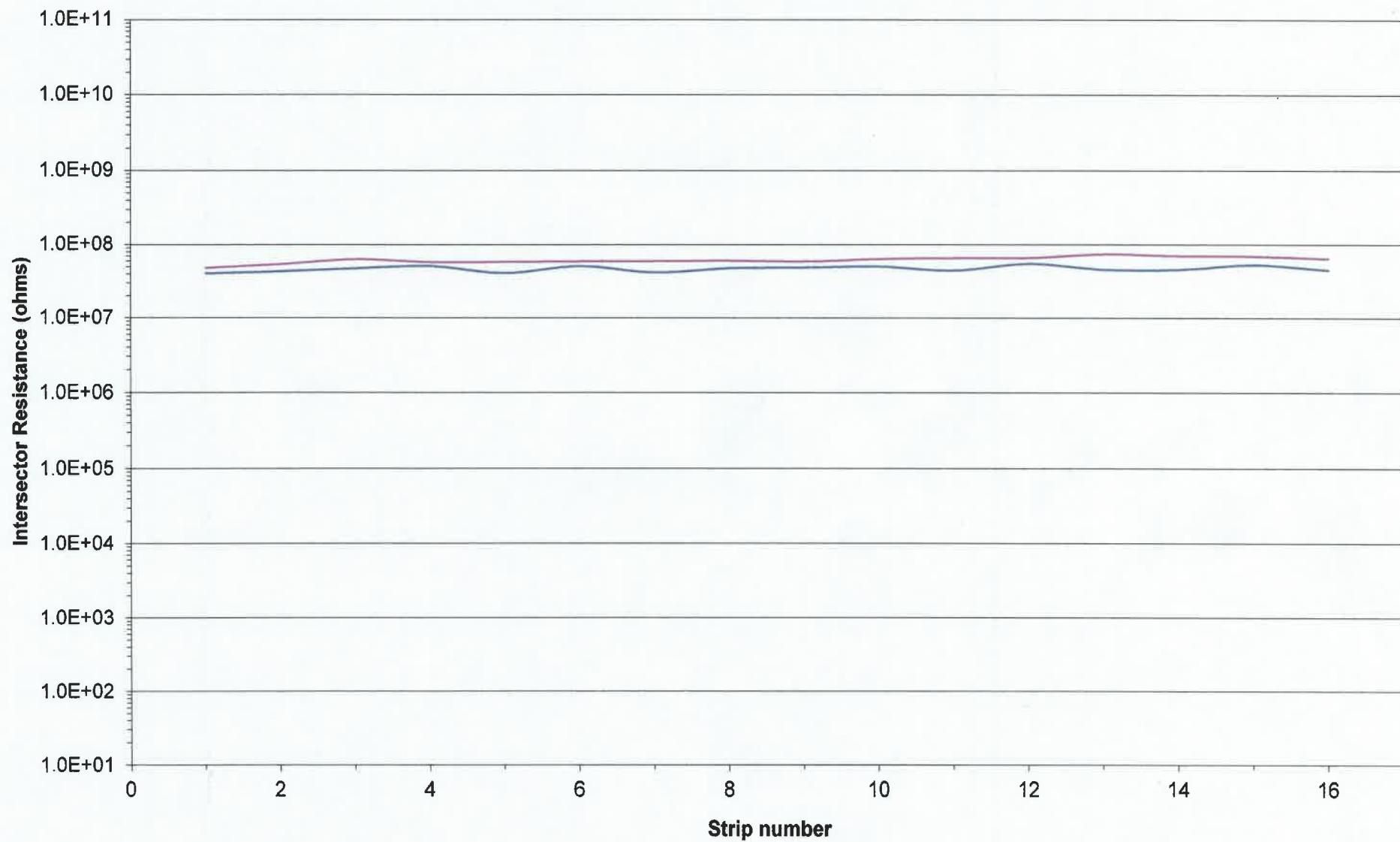


— Inter @ Dep — Inter @ 2*Dep

Design-W_170 D/S
3106-10 Ohmic side Dep=19V

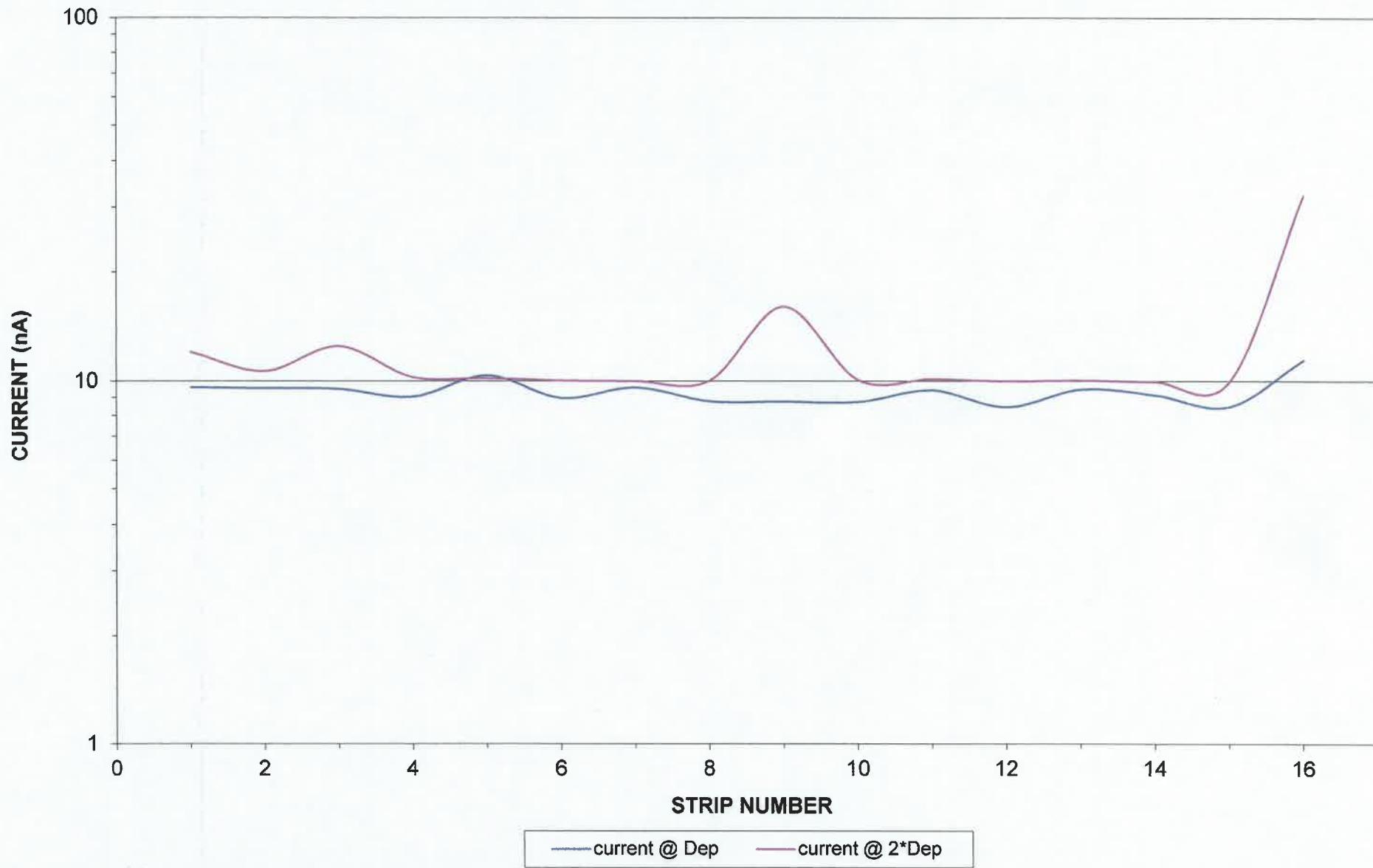


Design-W_170 D/S
3106-10 Junction side Dep=19V



Inter @ Dep Inter @ 2*Dep

Design-W_170 D/S
3106-10 Junction side Dep=19V



Design-W_170 D/S
3106-10 TOTAL DETECTOR IV
Dep=19V Thickness=170um

