

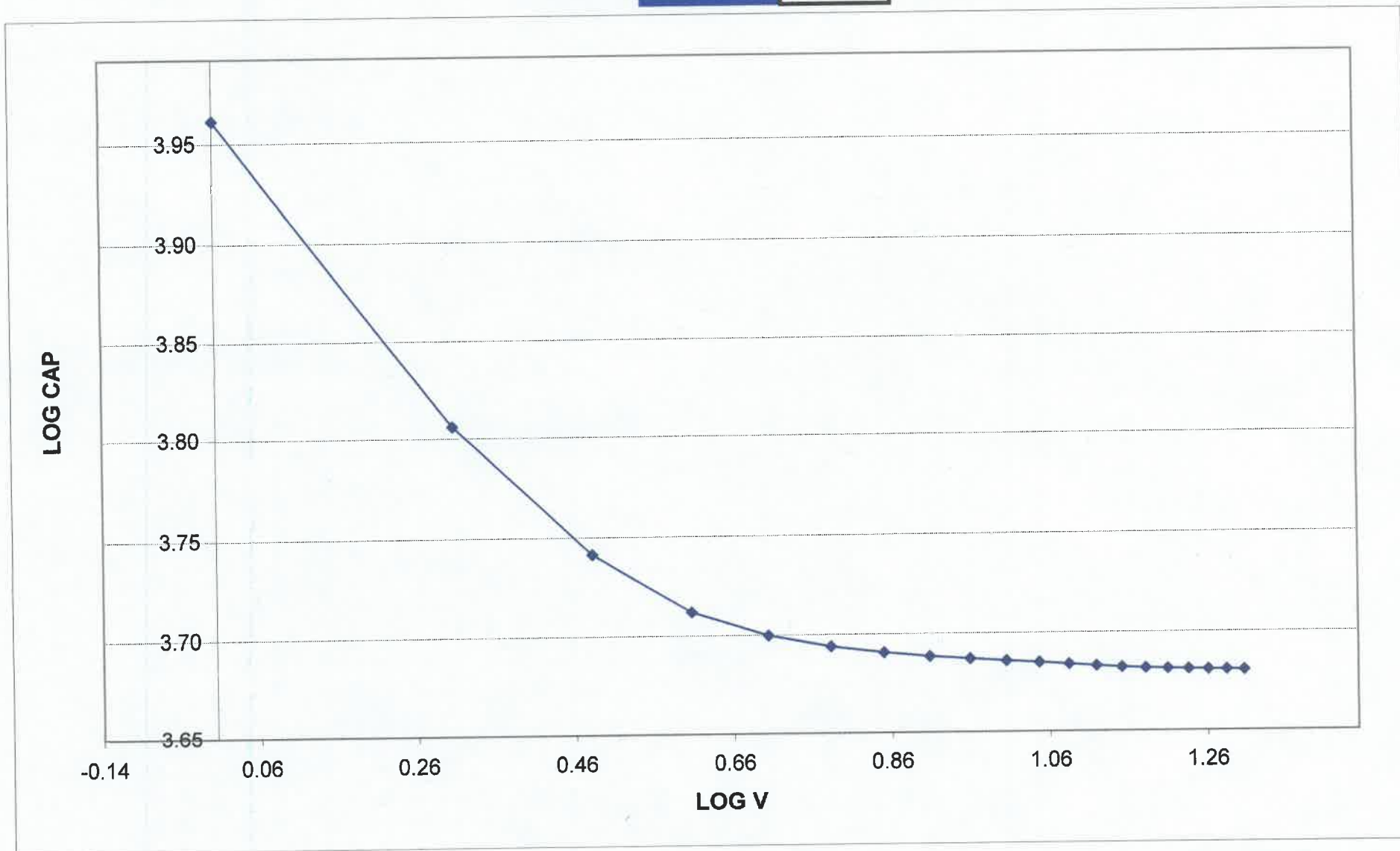
# depletion Plot



Wafer No.: **3189-3**

Thickness: **55** um

Depletion: **9** Volts



# Resolution Plot

DESIGN W1-50 TYPE 9G

Wafer No.: **3189-3**

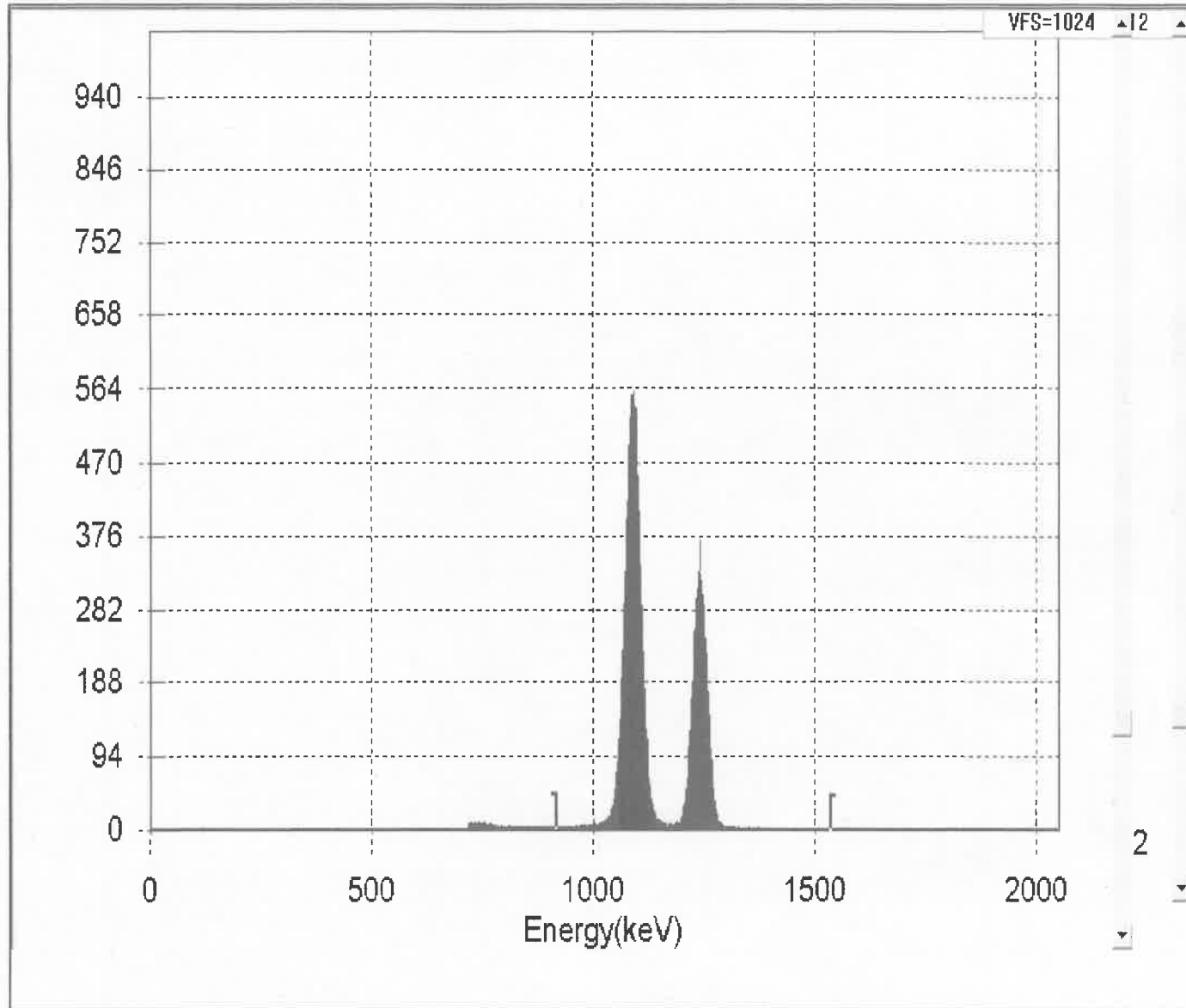
Thickness: **55** um

## JUNCTION

DET LINE: **196** KeV  
SYSTEM: **158** KeV  
CAL: **116** KeV

## OHMIC

DET LINE: **210** KeV  
SYSTEM: **158** KeV  
CALC: **138** KeV



Source  
**Am 241**

Rise Time  
**2**

Flat Top  
**0**

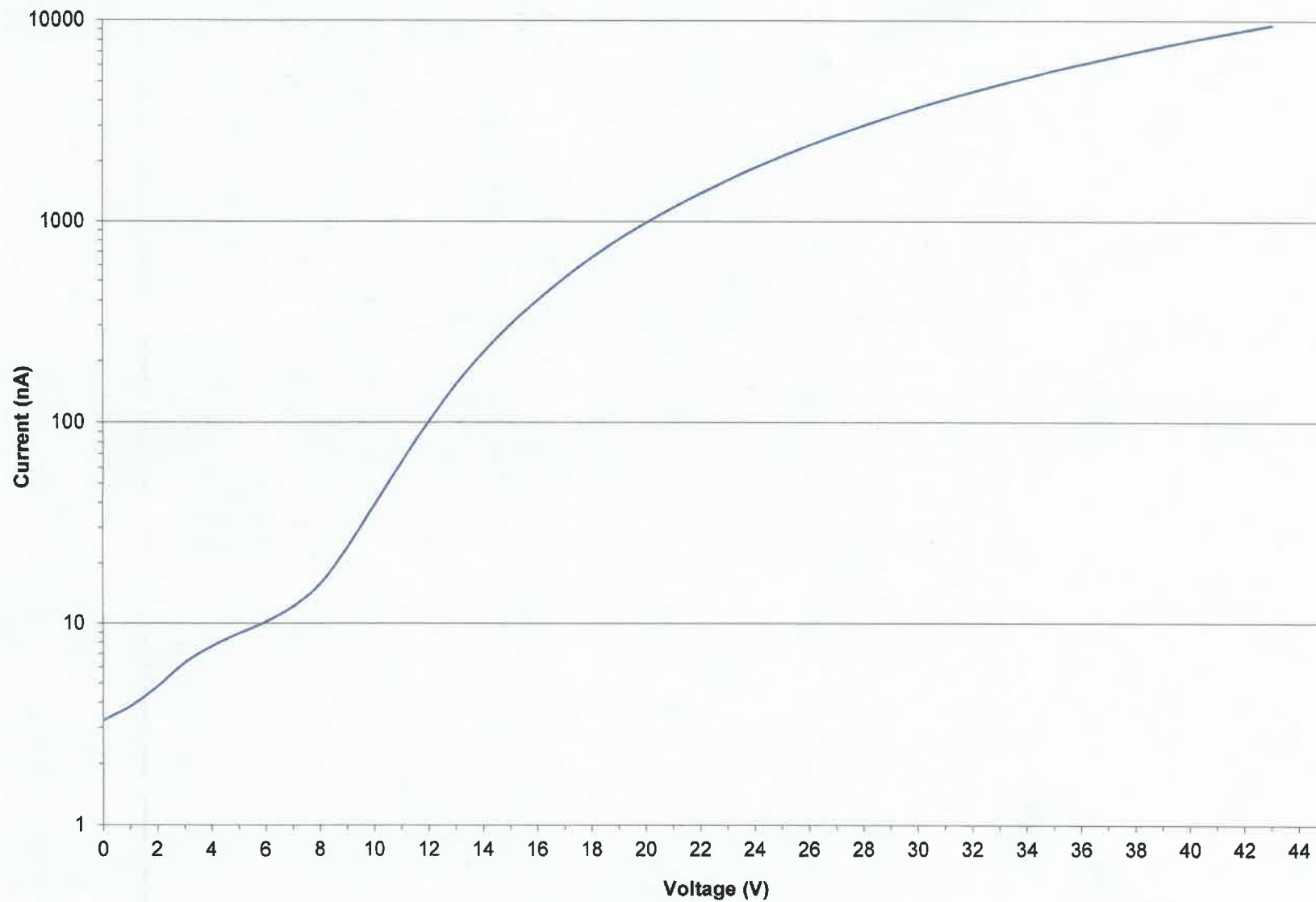
T=22.1DC

BIAS VOLTS= **20** V

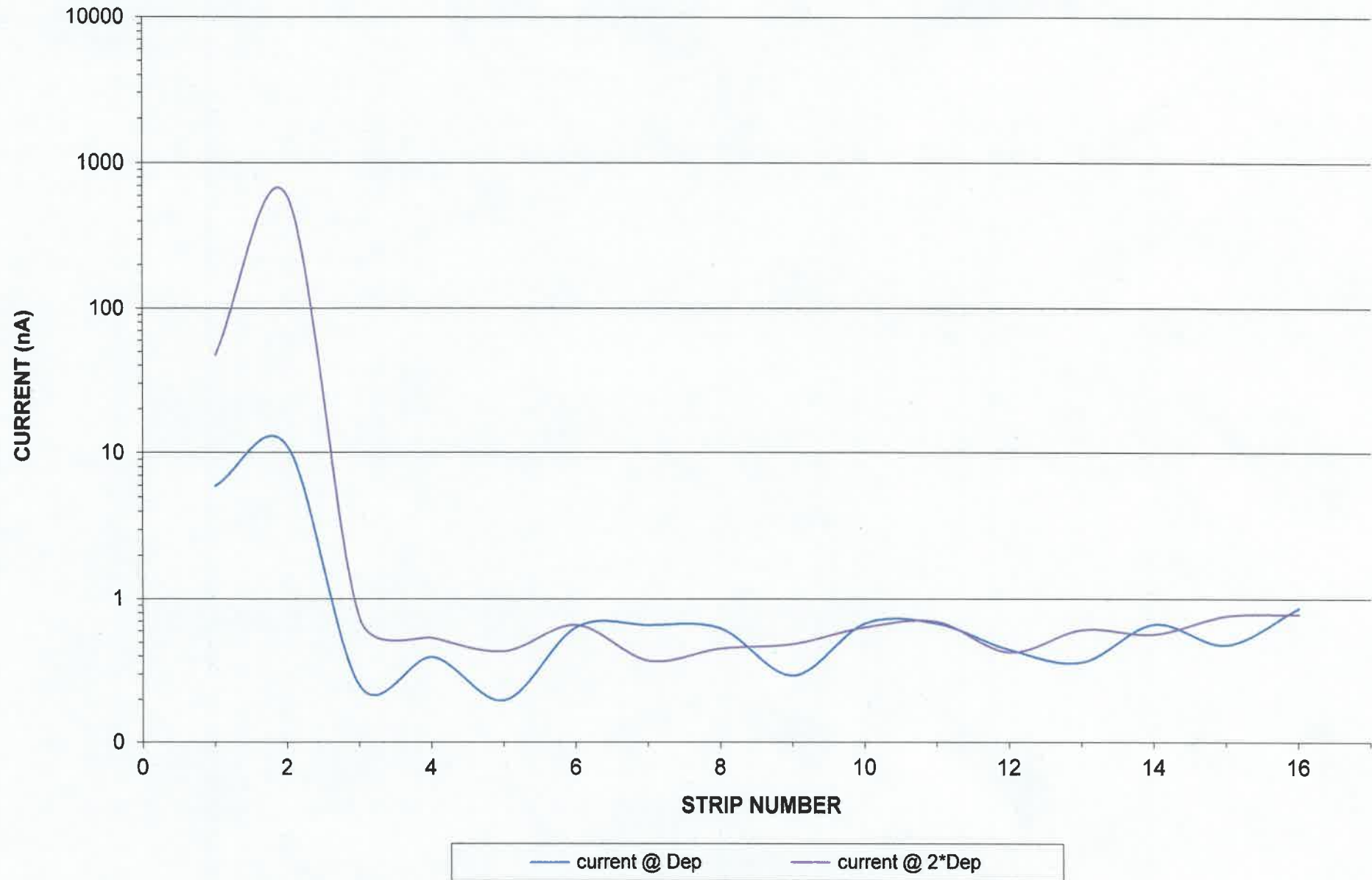
Leakage **80** nA

Micron Semiconductor  
29/09/2015

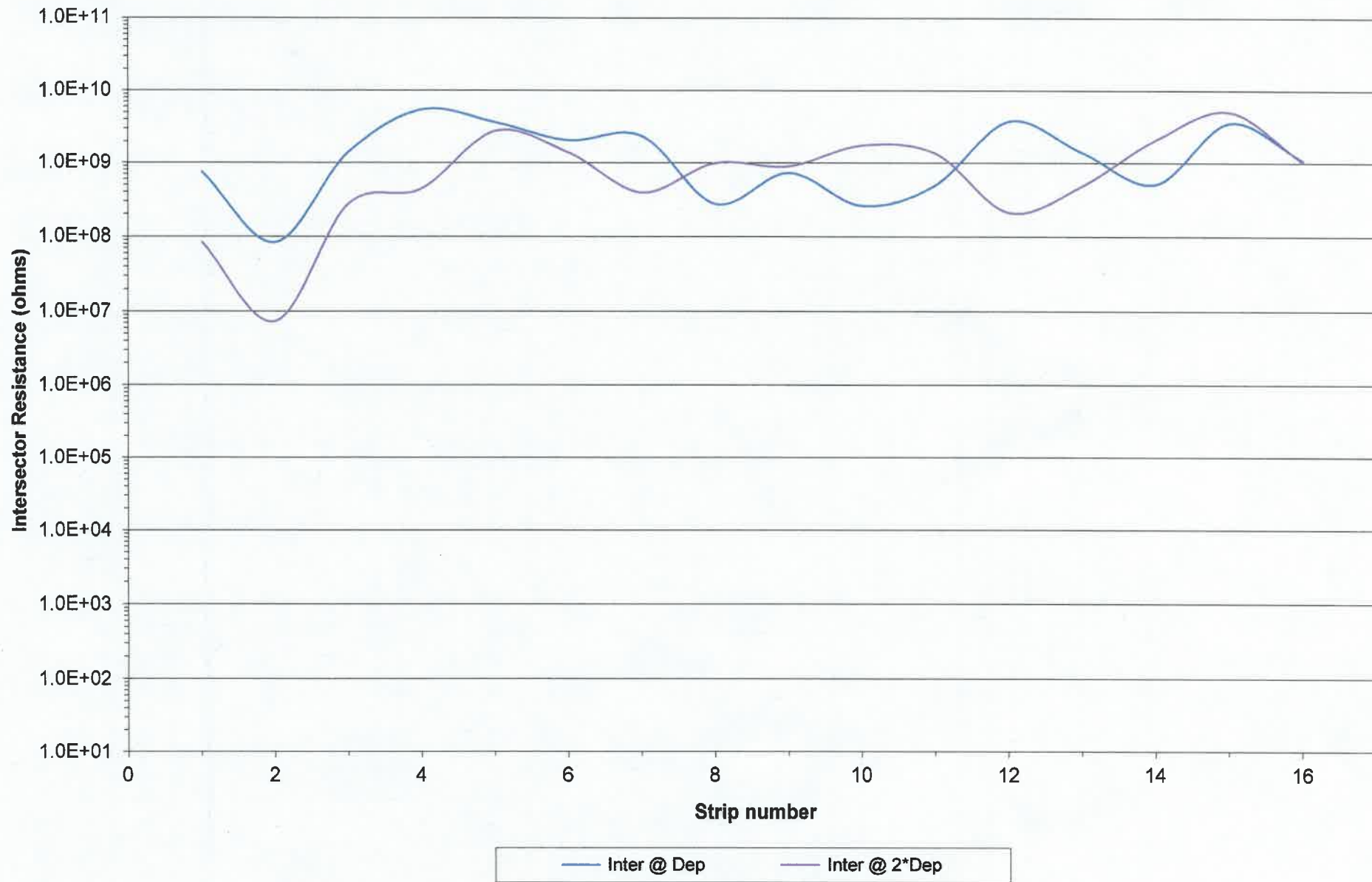
**Design-W D/S**  
**3189-3 TOTAL DETECTOR IV**  
**Dep=9V Thickness=55um**



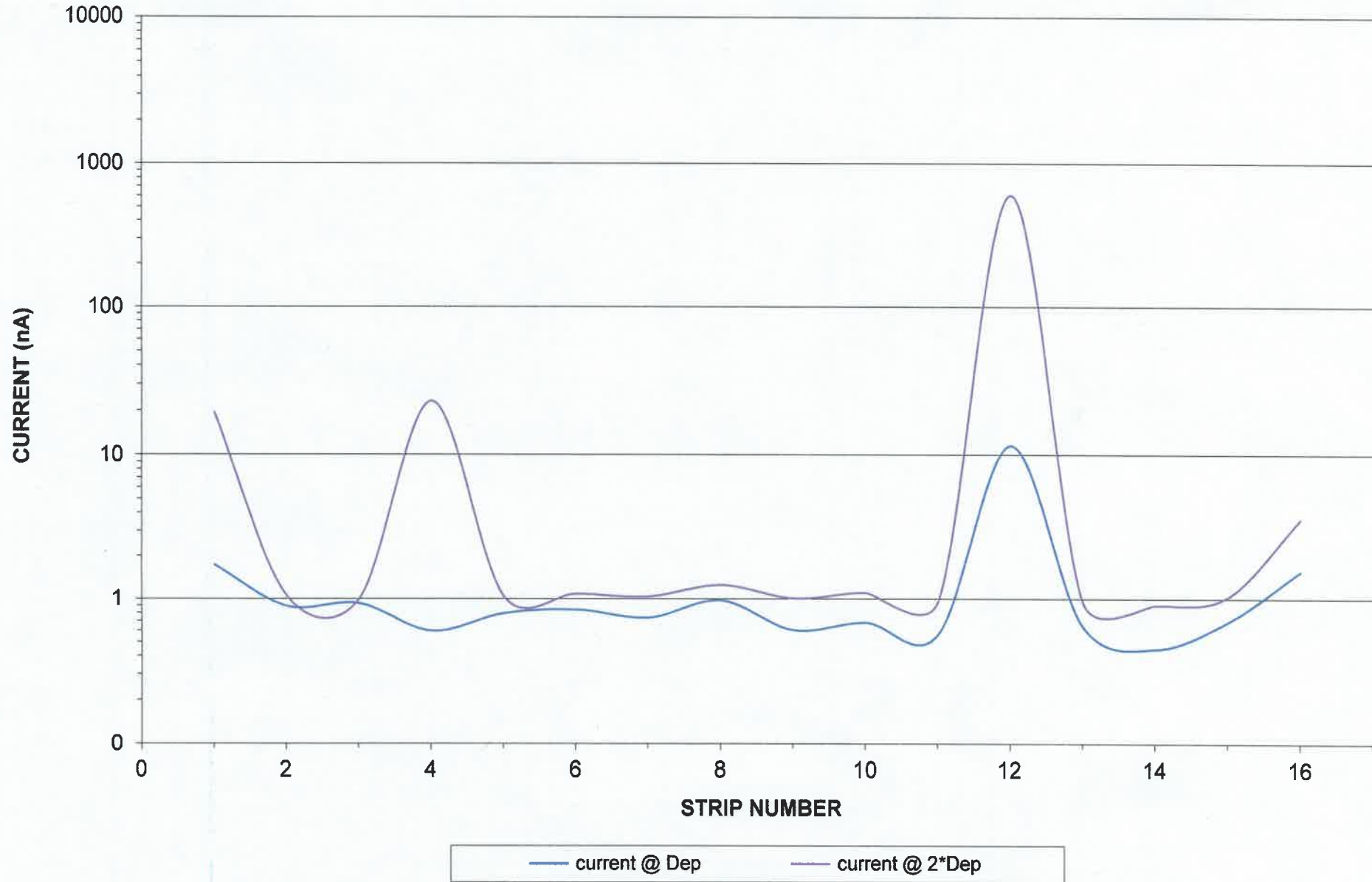
Design-W N-TYPE  
3189-3 Junction side Dep=9V Thickness=55um



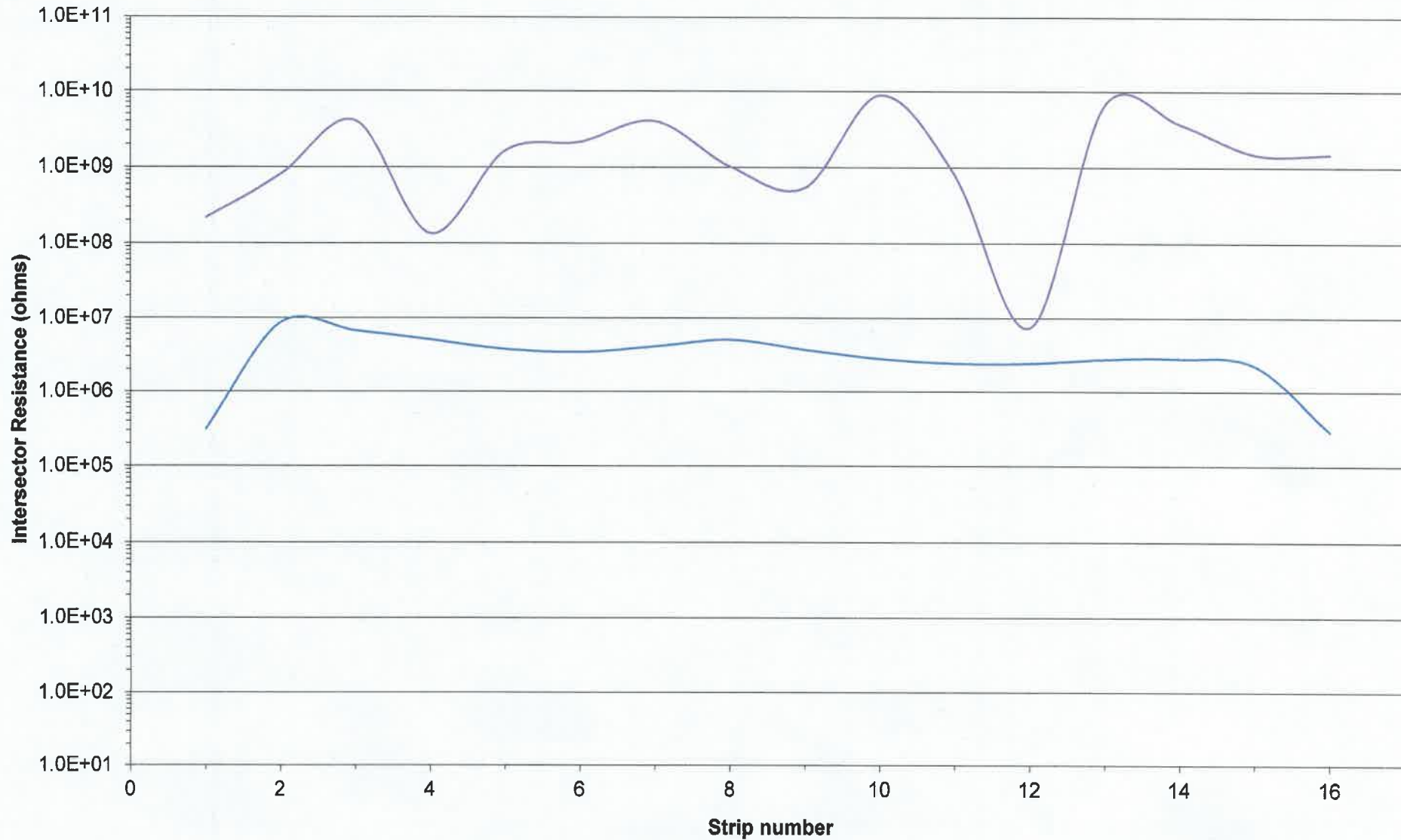
Design-W N-TYPE  
3189-3 Junction side Dep=9V Thickness=55um



Design-W N-TYPE  
3189-3 Ohmic side Dep=9V Thickness=55um



Design-W N-TYPE  
3189-3 Ohmic side Dep=9V Thickness=55um



— Inter @ Dep      — Inter @ 2\*Dep