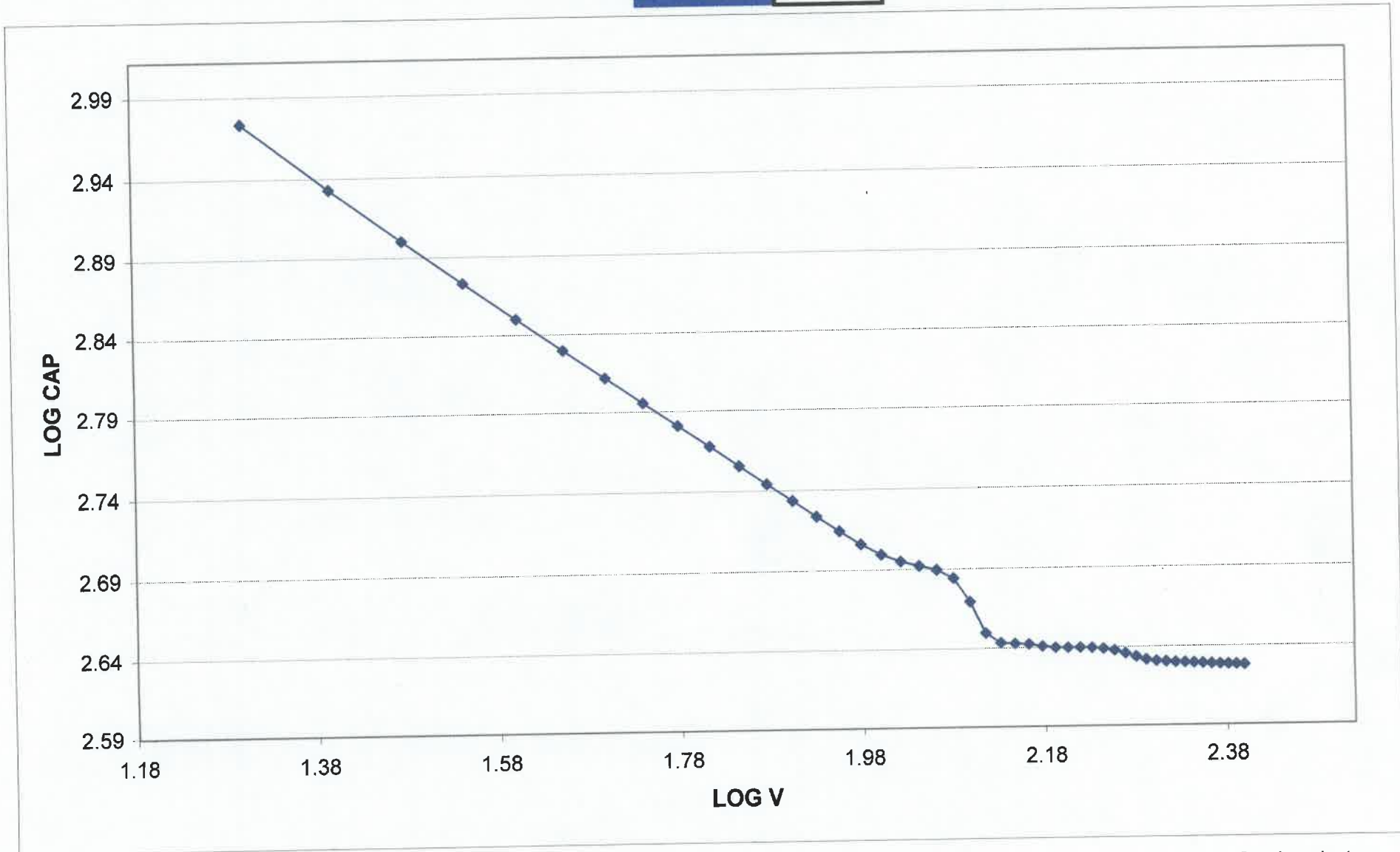


# Depletion Plot S3-1000

Wafer No.: 2807-22

Thickness: 1039  $\mu\text{m}$

Depletion: 155 Volts



# Resolution Plot

DESIGN S3 PAVIA

Wafer No.: **2807-22**

Thickness: **1039** um

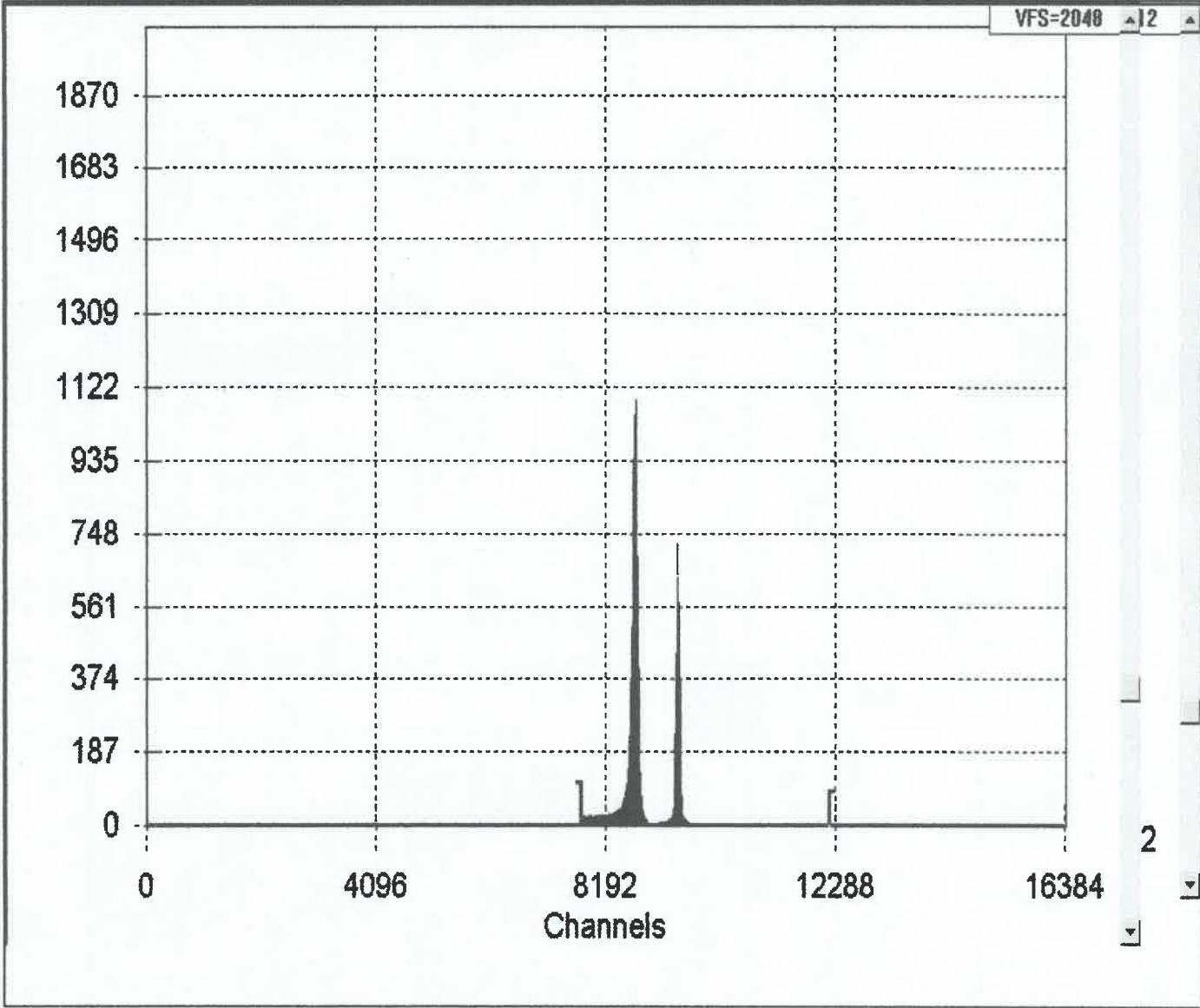
VFS-2048 | 2

### JUNCTION

DET LINE: **53.5** KeV  
SYSTEM: **35.3** KeV  
CAL: **40.2** KeV

### OHMIC

DET LINE: **55.1** KeV  
SYSTEM: **35.2** KeV  
CAL: **42.4** KeV



Source  
**Am 241**

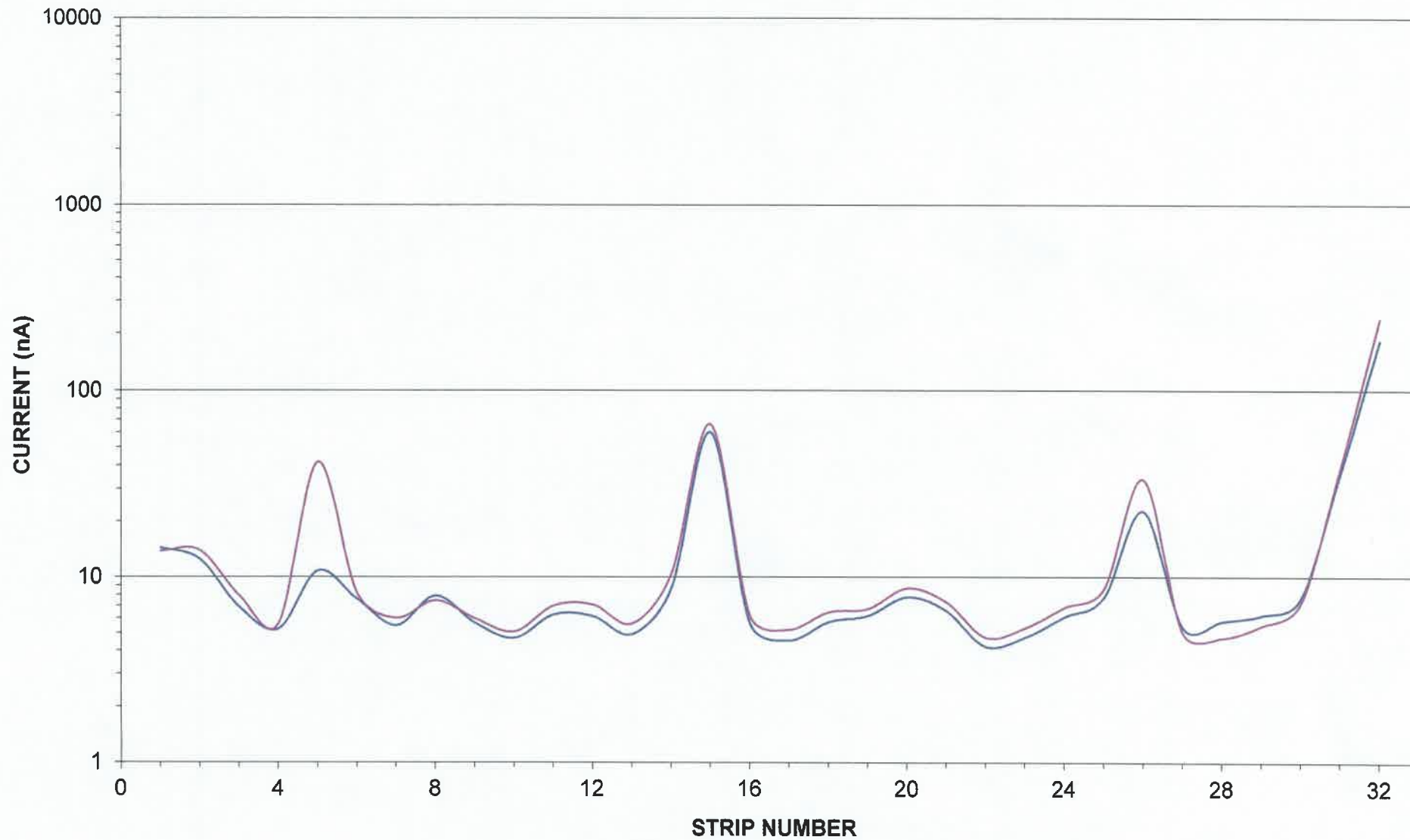
Rise Time  
**1**

Flat Top  
**0**

BIAS VOLTS= **200** V

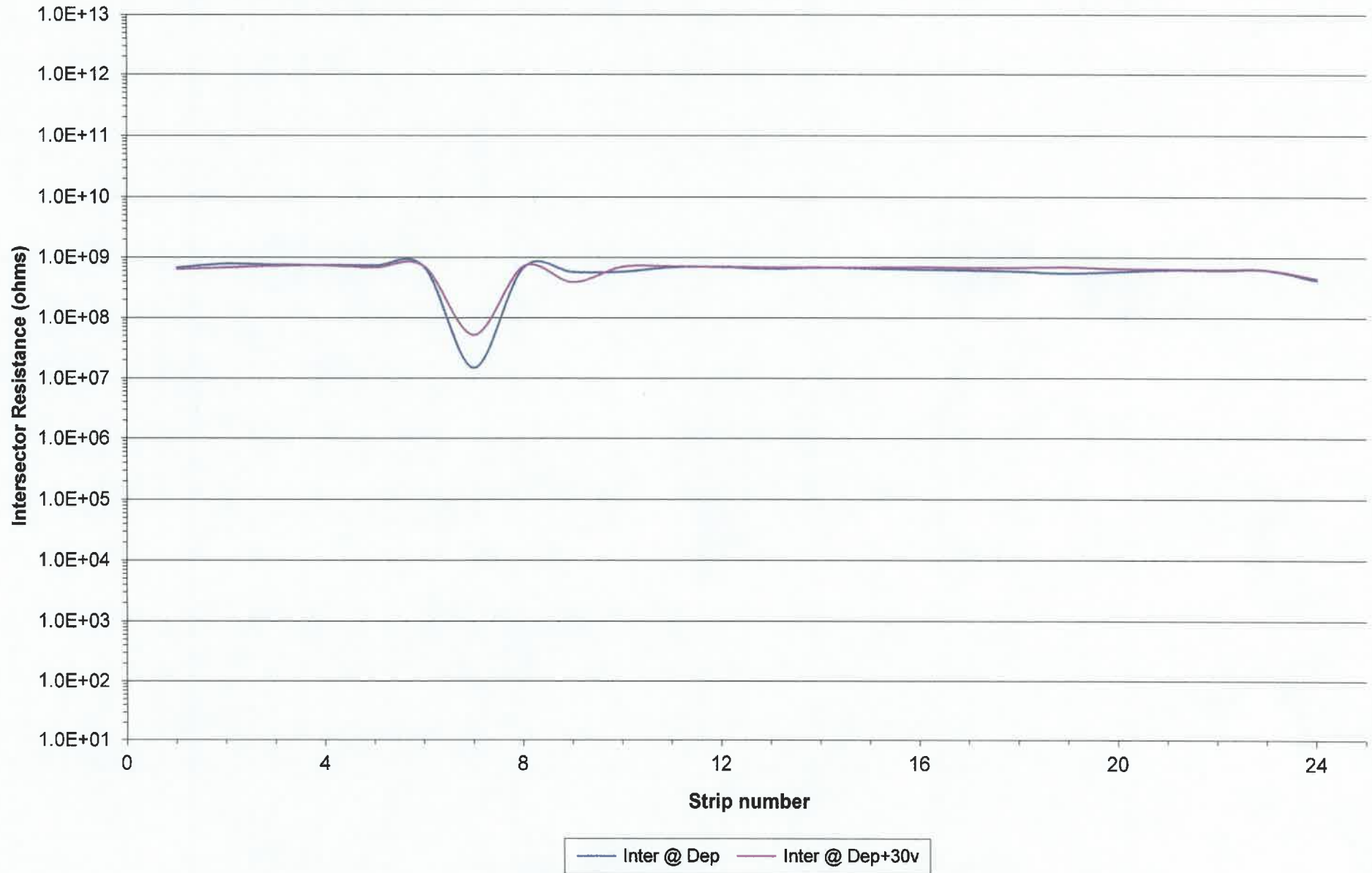
Leakage **960** nA

**S3-1000**  
**2807-22 Ohmic side Dep=155V**

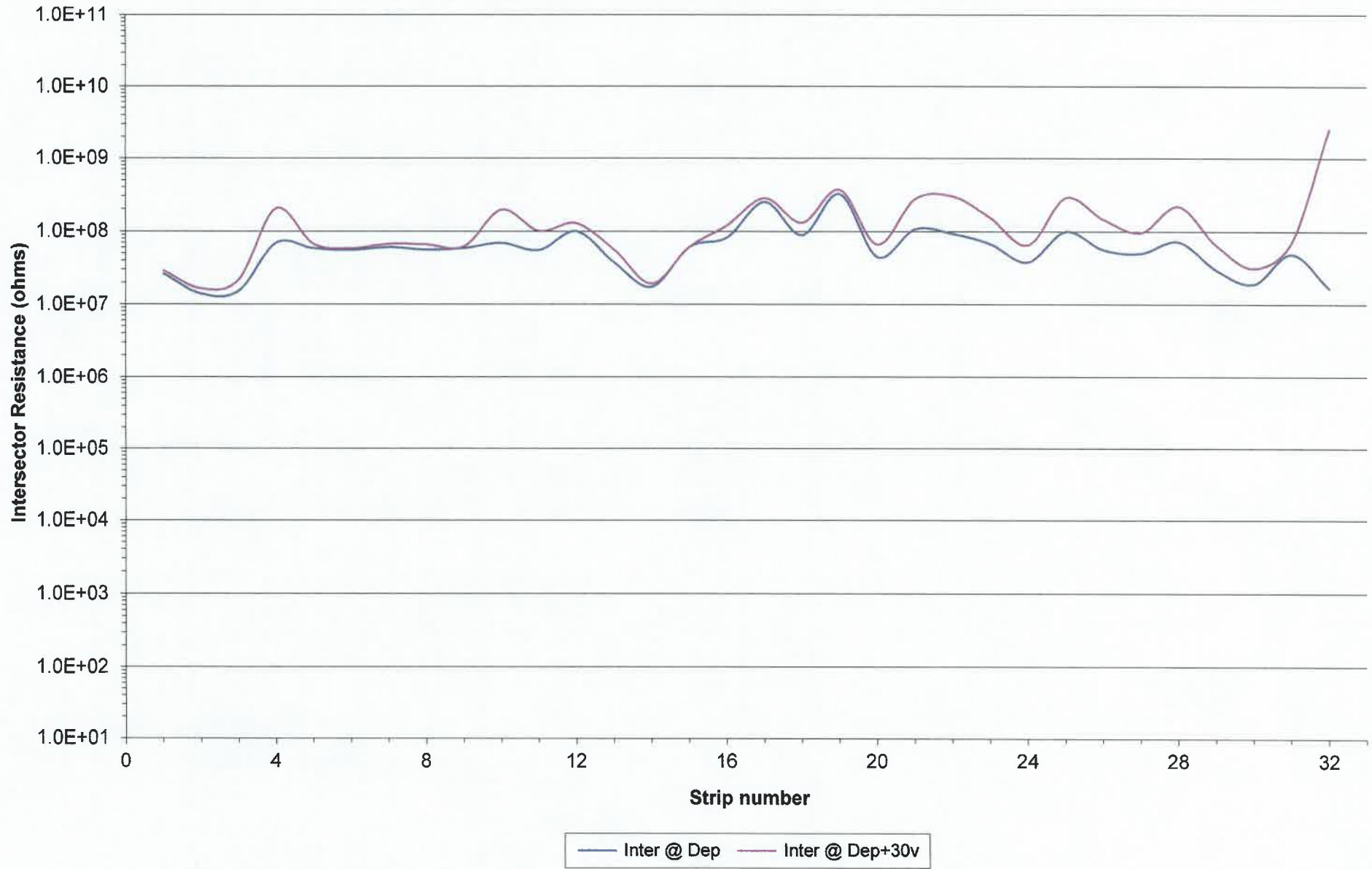


— current @ Dep — current @ Dep+30v

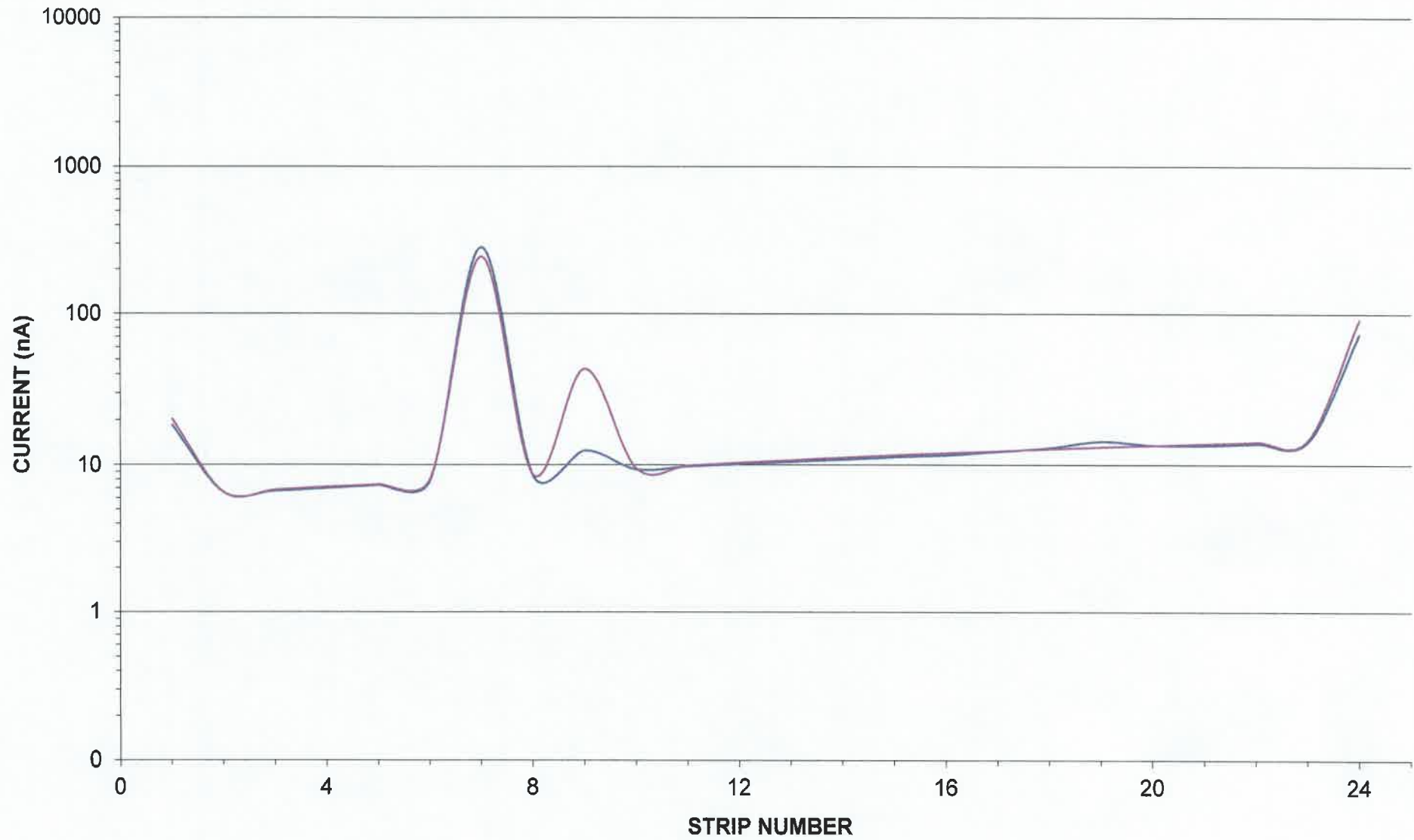
S3-1000  
2807-22 Junction side Dep=155V



**S3-1000**  
**2807-22 Ohmic side Dep=155V**



**S3-1000**  
**2807-22 Junction side Dep=155V**



— current @ Dep — current @ Dep+30v

**S3-1000 N-TYPE**  
**2807-22 TOTAL DETECTOR IV**  
**Dep=155V Thickness=1039um**

