

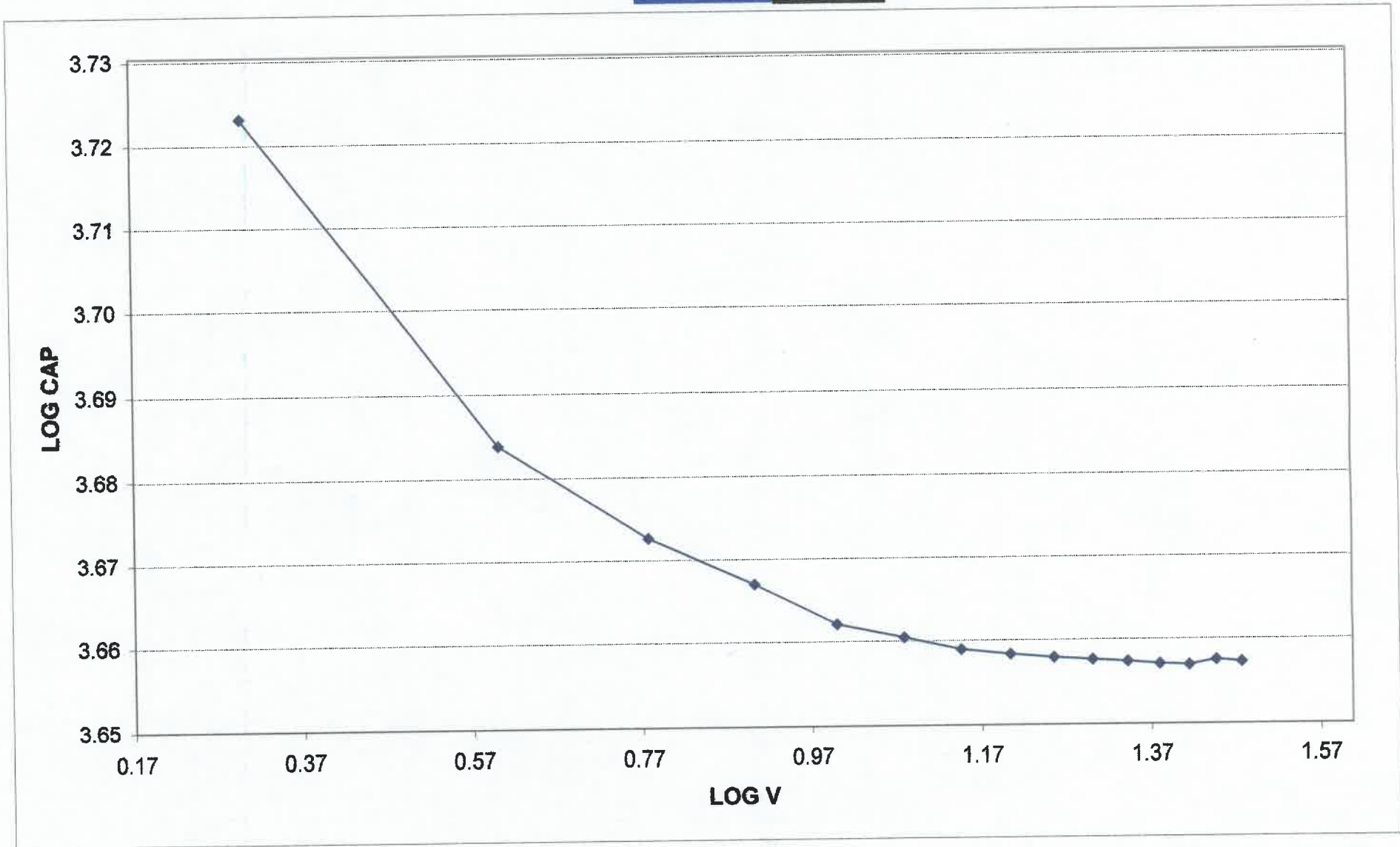
depletion Plot

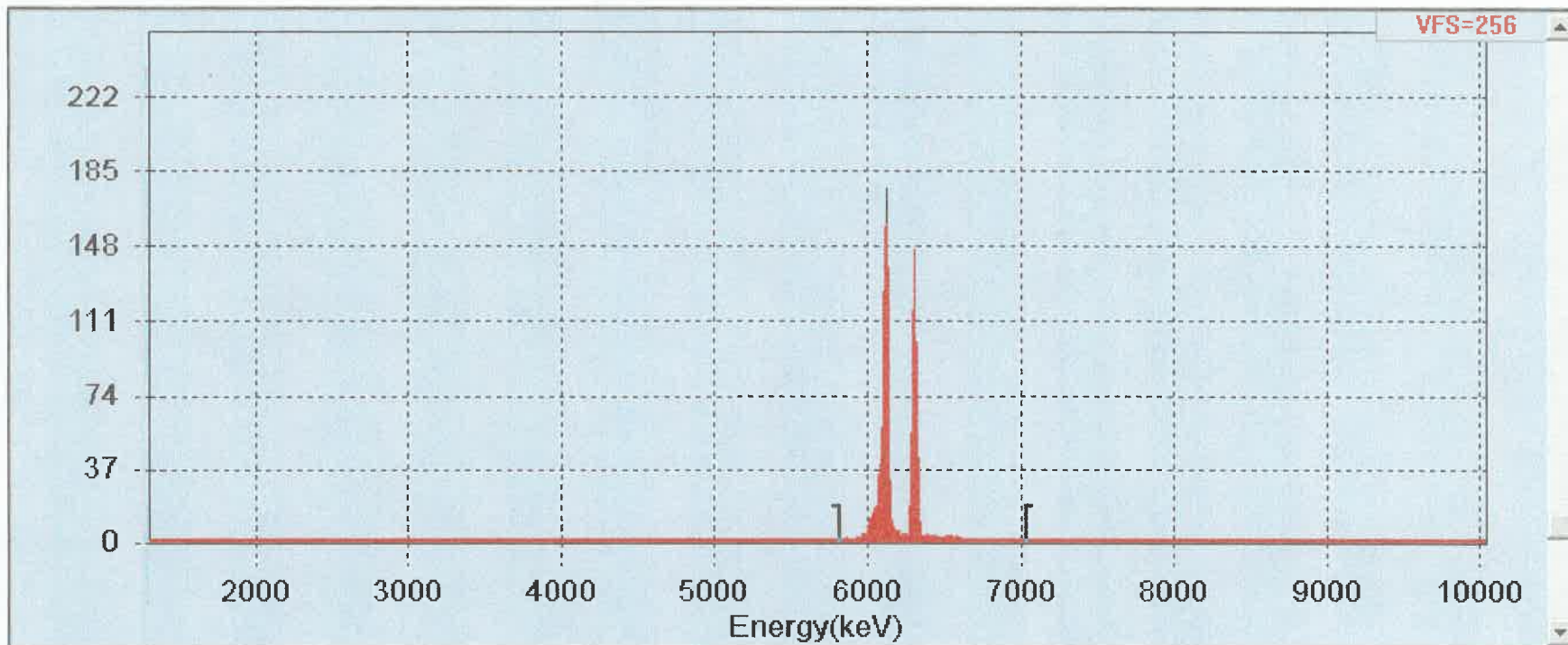
W1-65

Wafer No.: **2846-5**

Thickness: **68** um

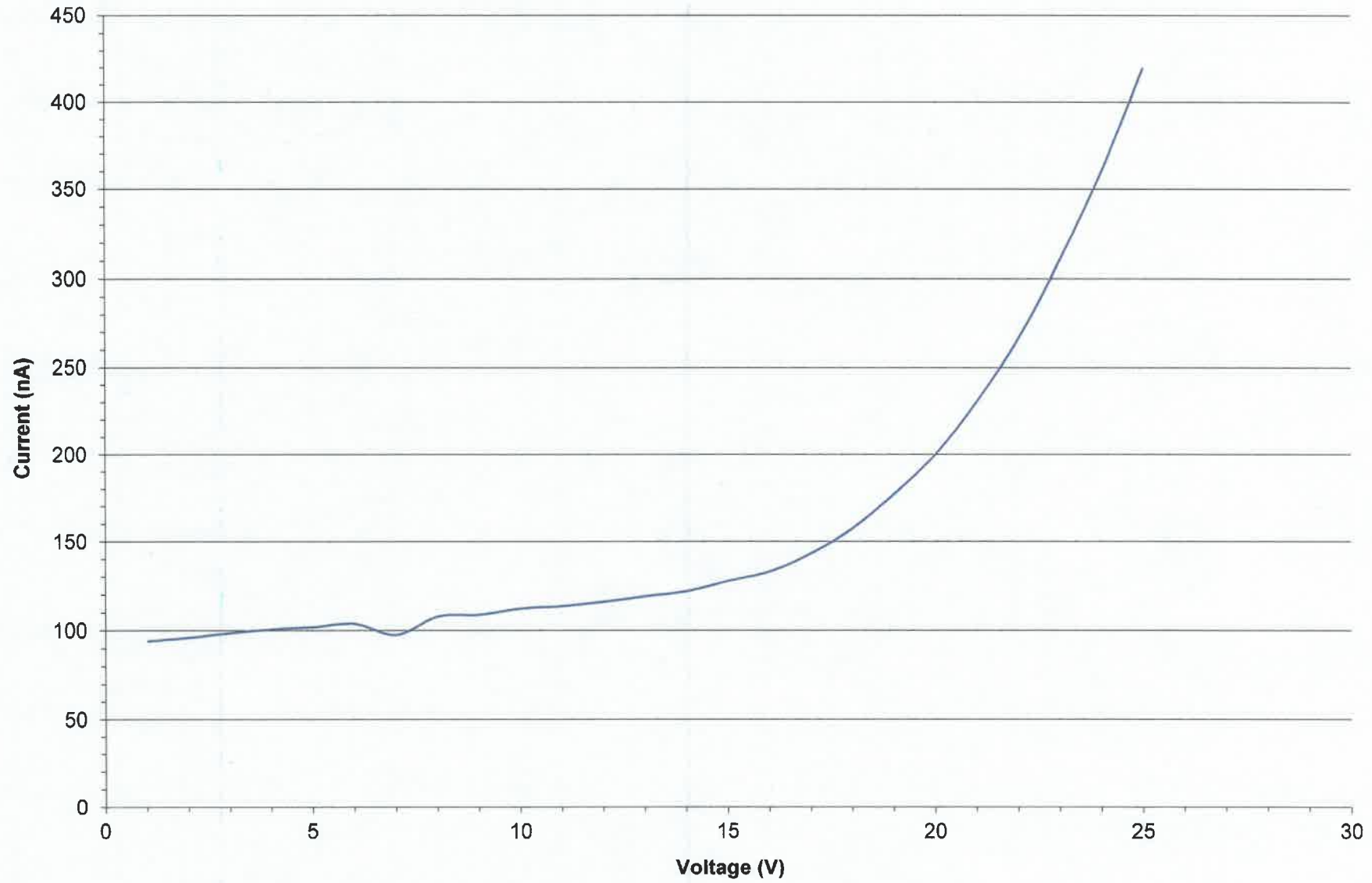
Depletion: **10** Volts



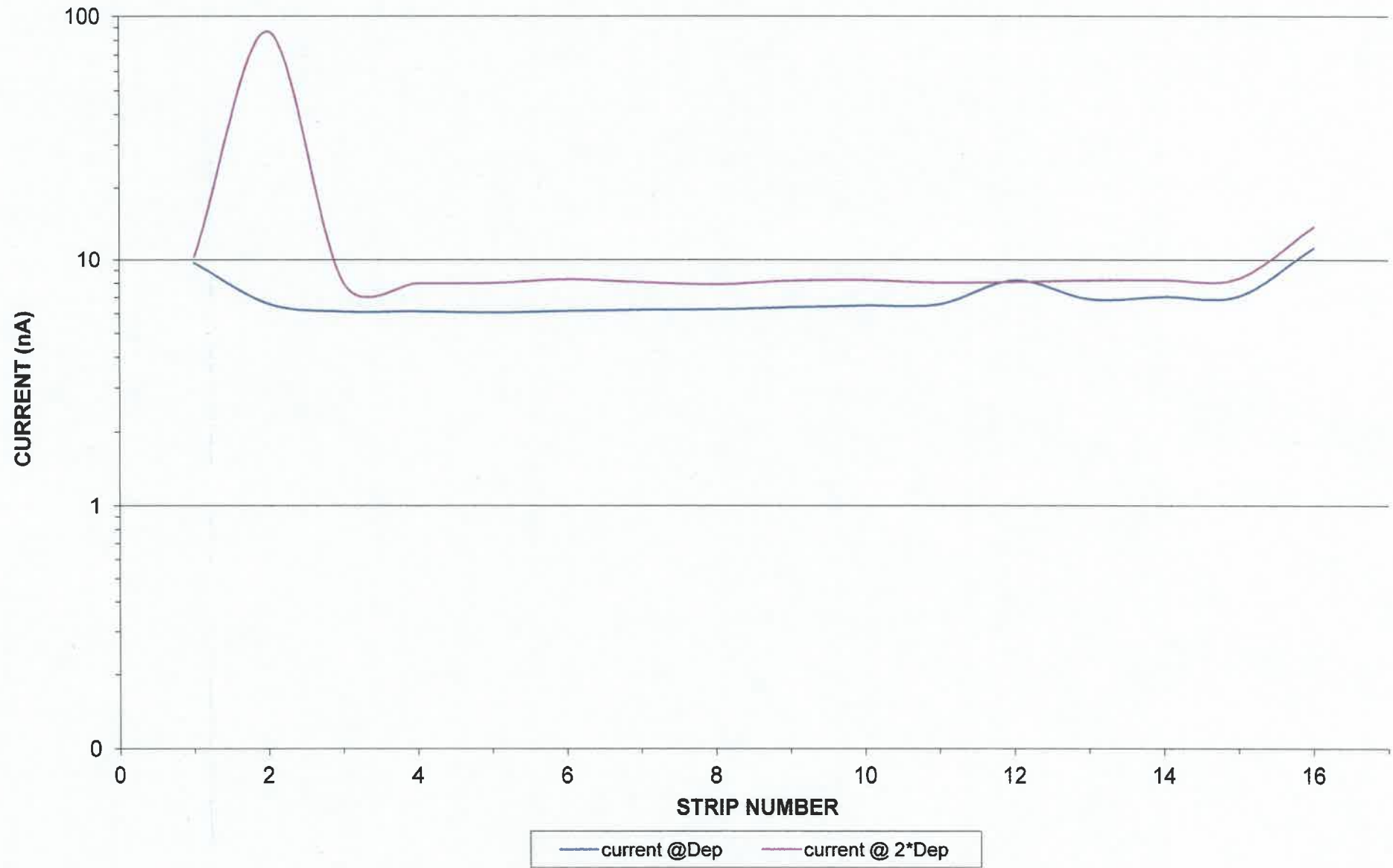


2846-5 DESIGN W1-65 TYPE 2M VBIAS = 20 VOLTS IR-120 nA TEMP-22.1DC T-68 MICRONS DATE:05/11/2017
(P+N) JUNCTION (NN+) JUNCTION
DETECTOR LINE - 49.4 Kev DETECTOR LINE - 60.1 Kev
SYSTEM- 31.9 Kev SYSTEM- 35.1 Kev
CALCULATED- 34.9 Kev CALCULATED- 48.8 Kev
EXAMPLE RESOLUTION STRIP NUMBER 8

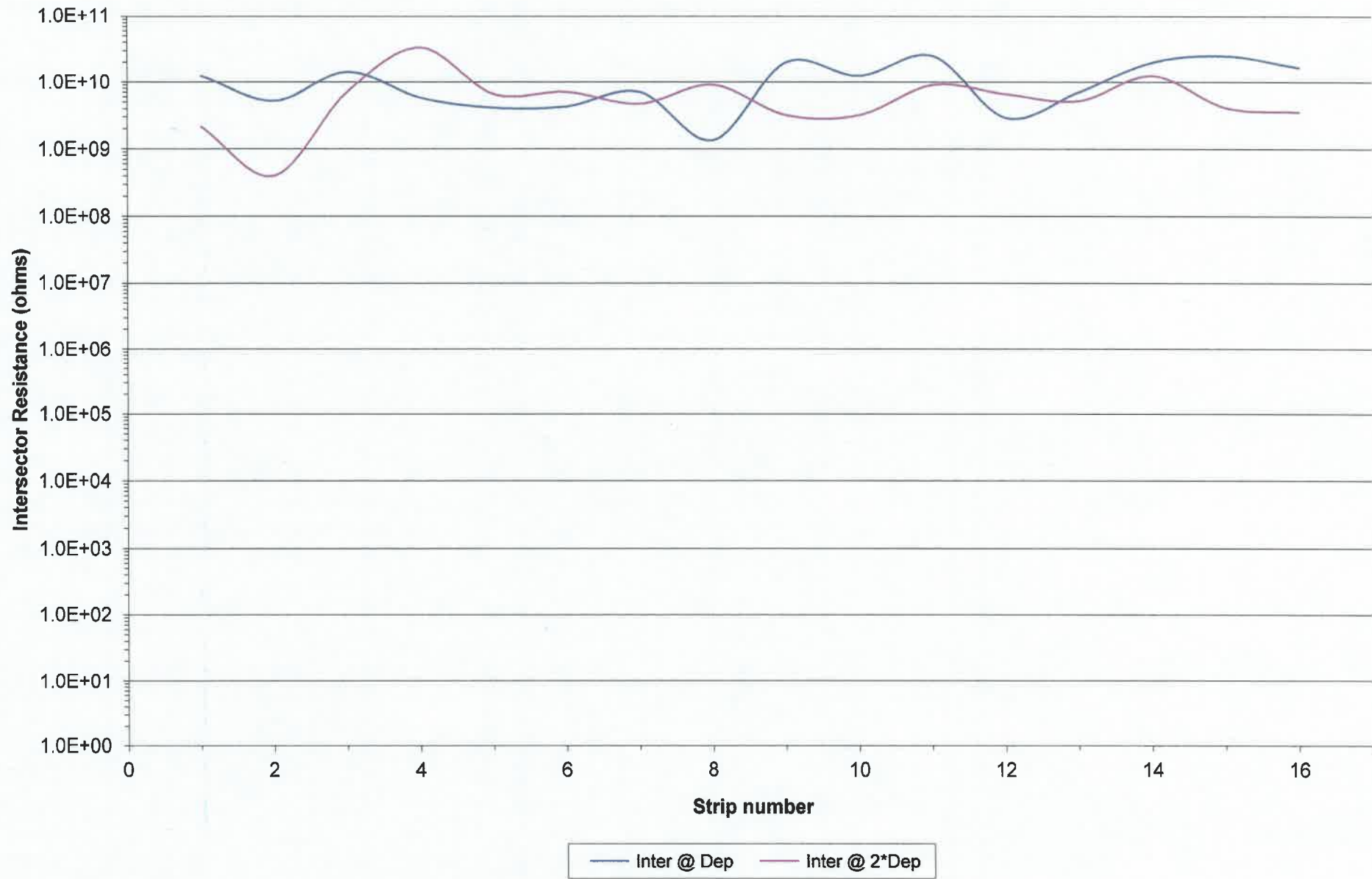
Design-W1-65 D/S
2846-5 TOTAL DETECTOR IV
Dep=10V Thickness=68um



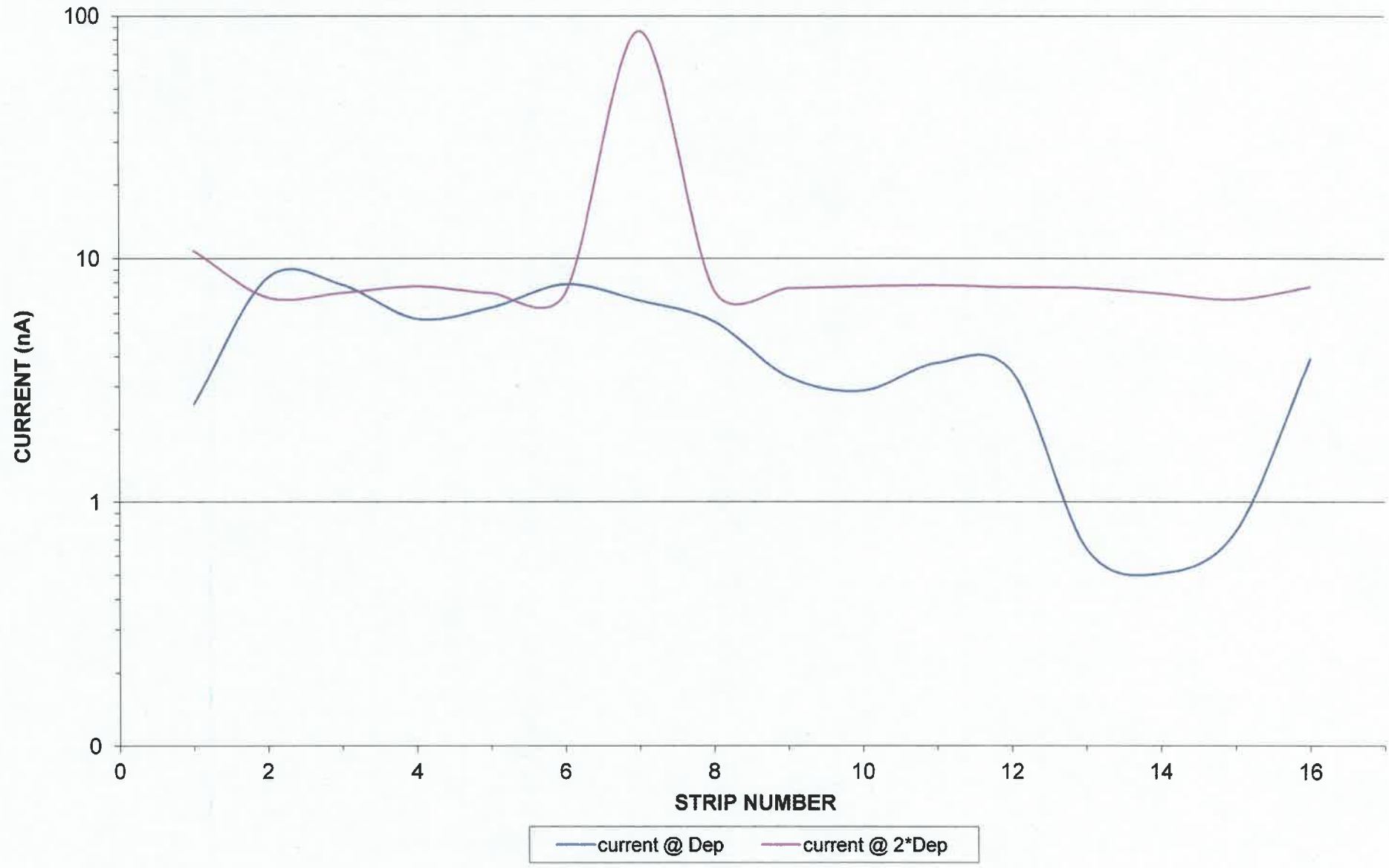
Design-W1-65 D/S
2846-5 Junction side Dep=10V



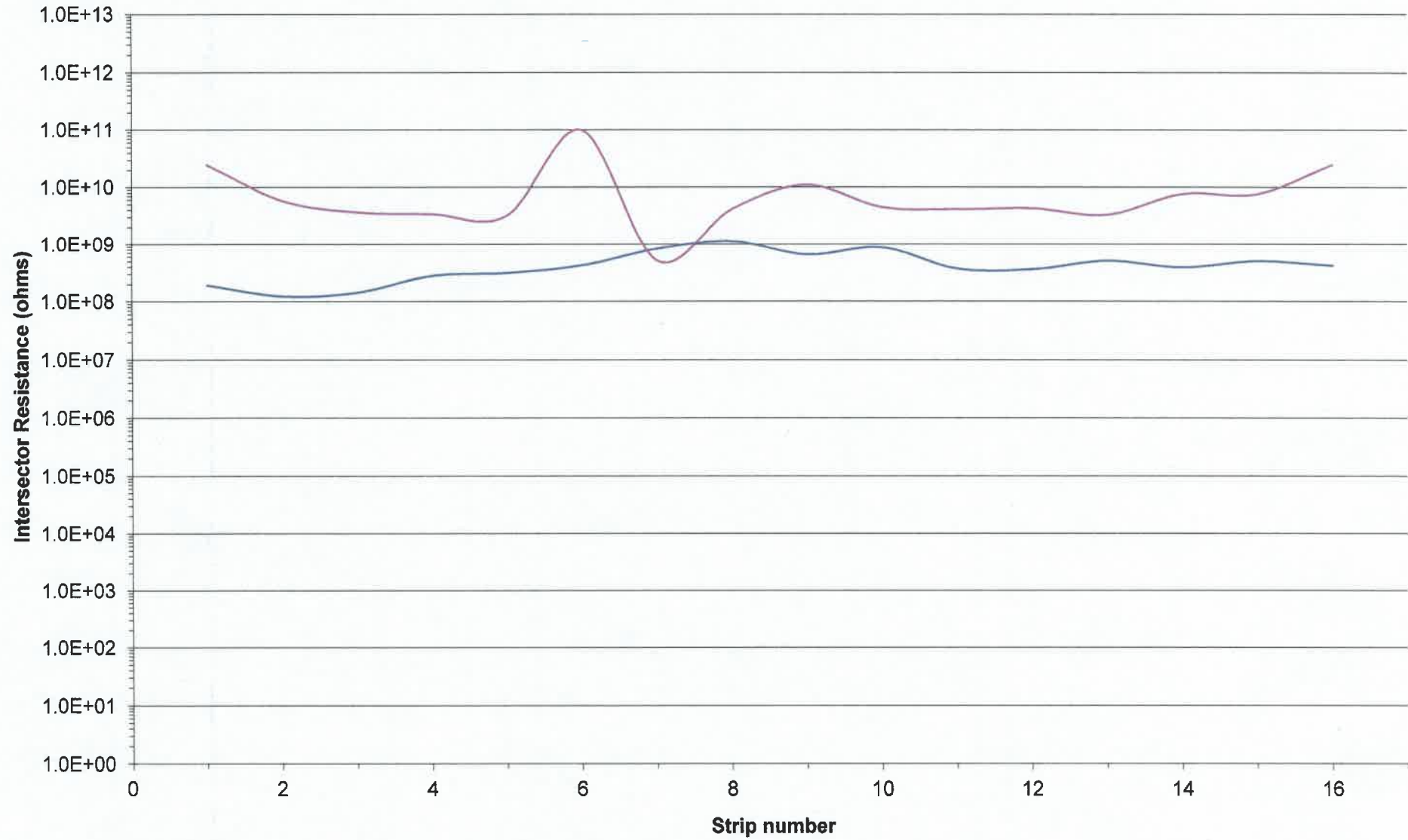
Design-W1-65 D/S
2846-5 Junction side Dep=10V



Design-W1-65 D/S
2846-5 Ohmic side Dep=10V



Design-W1-65 D/S
2846-5 Ohmic side Dep=10V



— Inter @ Dep — Inter @ 2*Dep