

depletion Plot

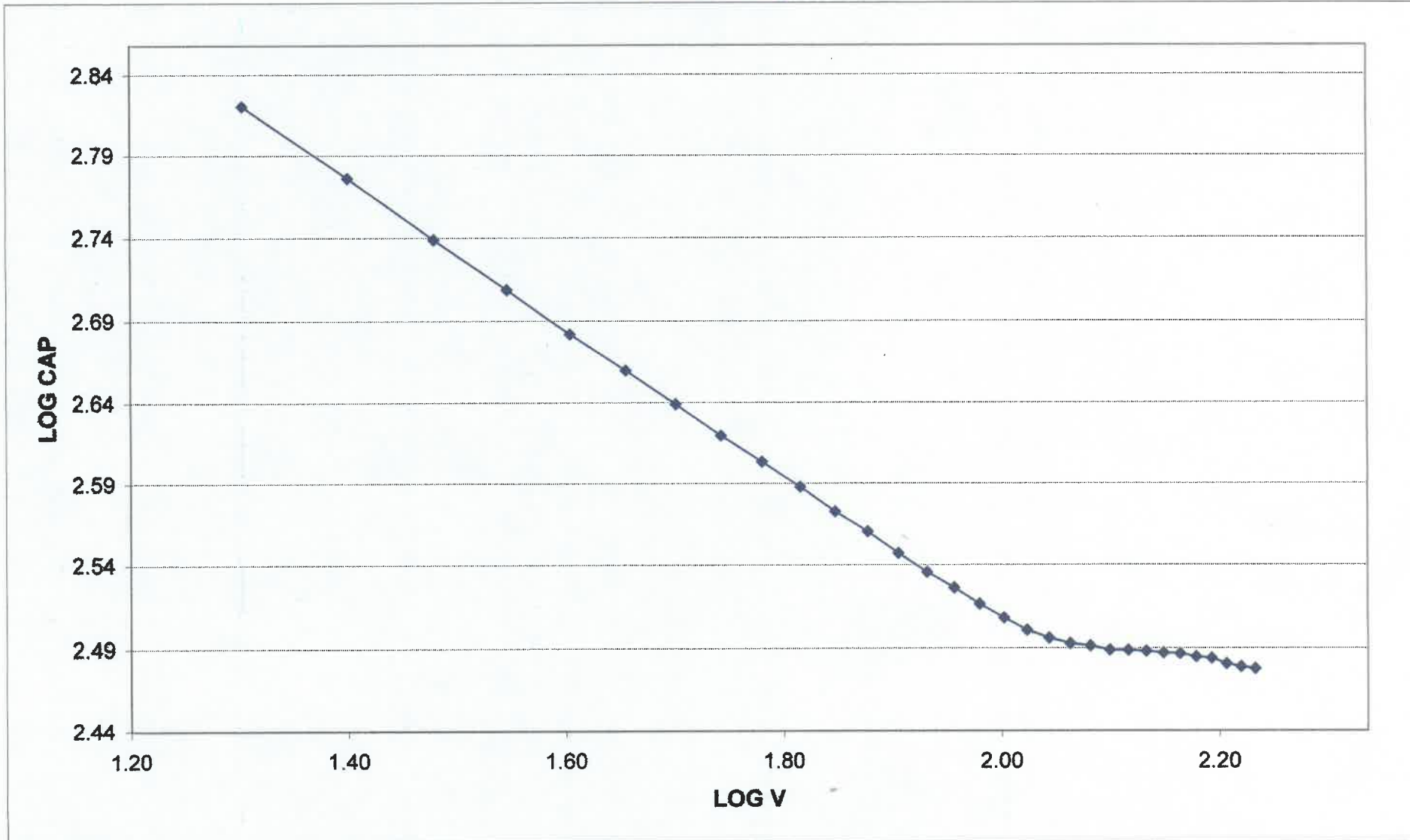
DESIGN_W

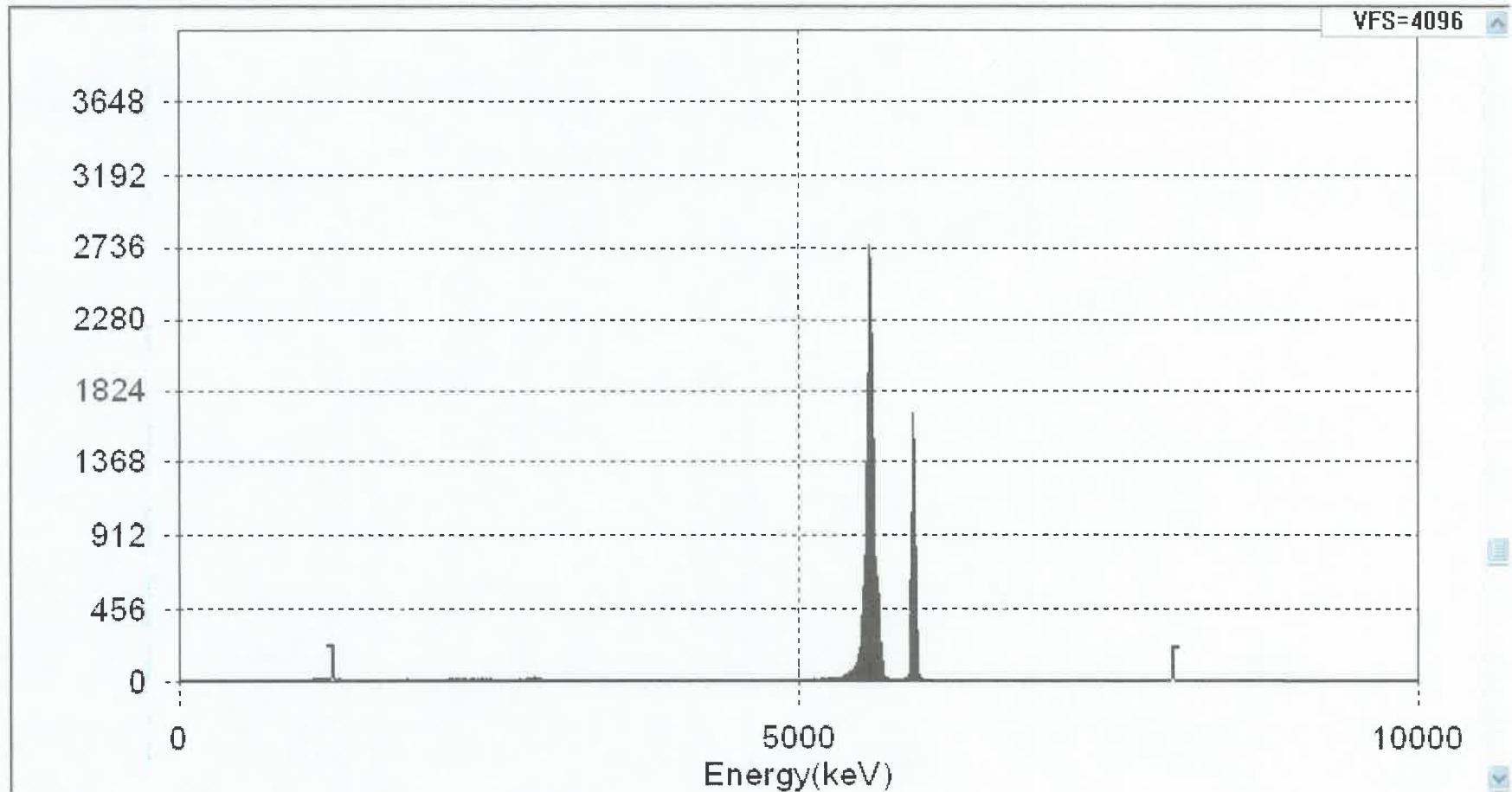
"MECHANICAL"

Wafer No.: **2947-4**

Thickness: **1043** um

Depletion: **146** Volts



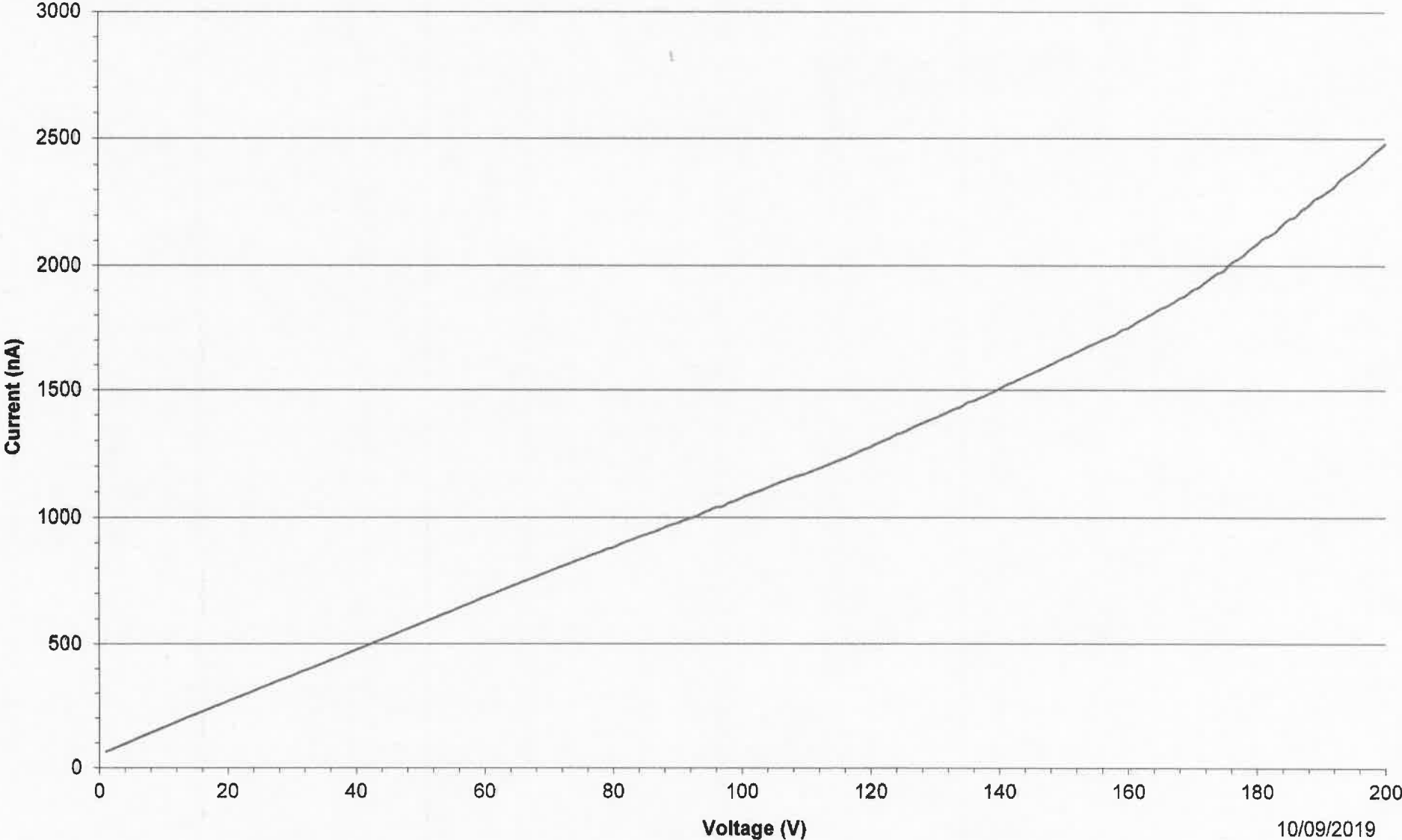


DESIGN W1-1000, 2947-4, T: 1043uM, VBIAS: 250V, IR: 500nA, 22nd MAY 2018

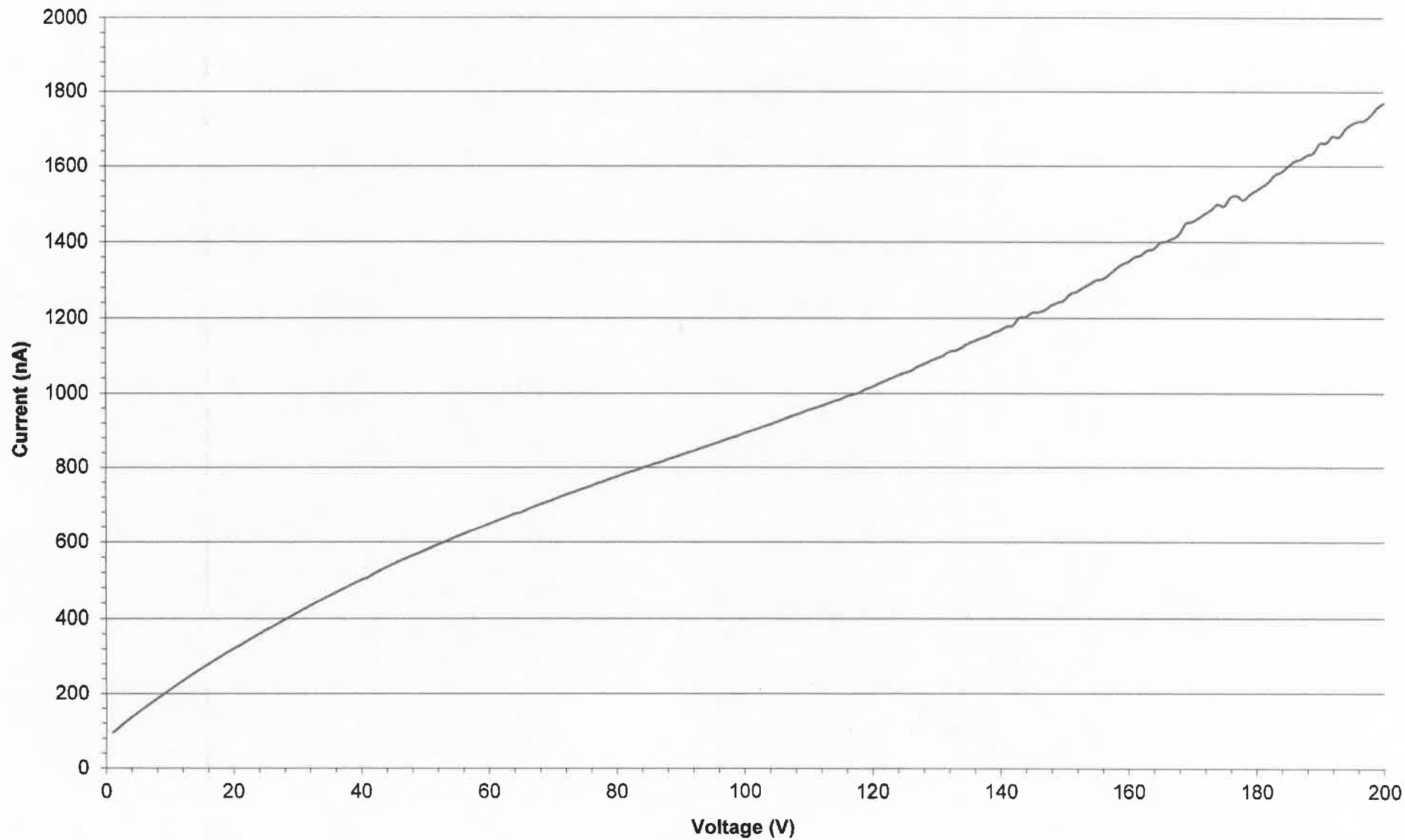
(P+N) JUNCTION
 DETECTOR LINE - 50.4 Kev
 SYSTEM - 29.9 Kev
 CALCULATED - 40.6 Kev

(NN+) JUNCTION
 DETECTOR LINE - 62.7 Kev
 SYSTEM - 31.1 Kev
 CALCULATED - 54.4 Kev

Design-W_1000 D/S
2947-4 TOTAL DETECTOR IV
Dep=146V Thickness=1043um

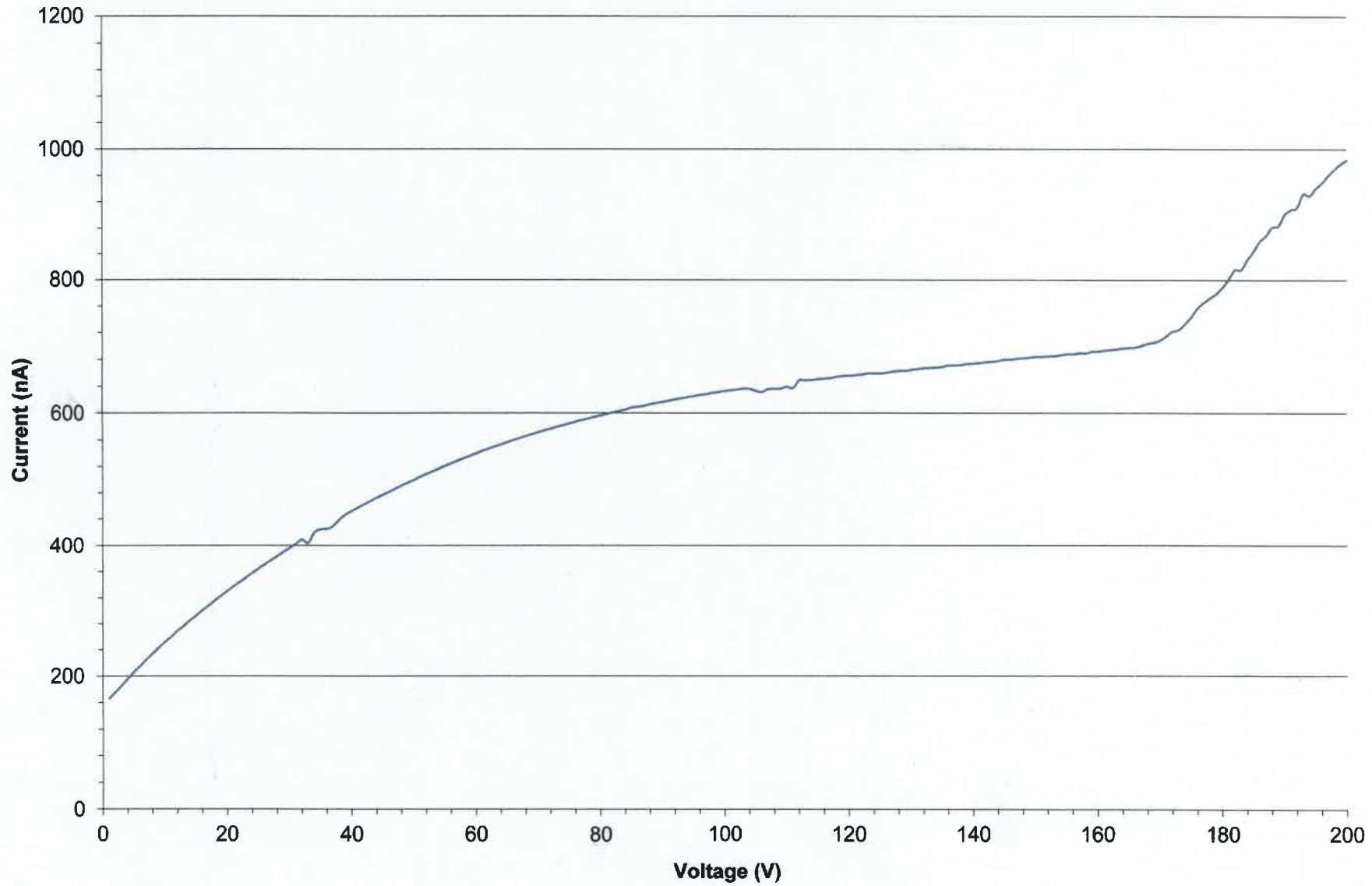


Design-W_1000 D/S
2947-4 TOTAL DETECTOR IV
Dep=146V Thickness=1043um

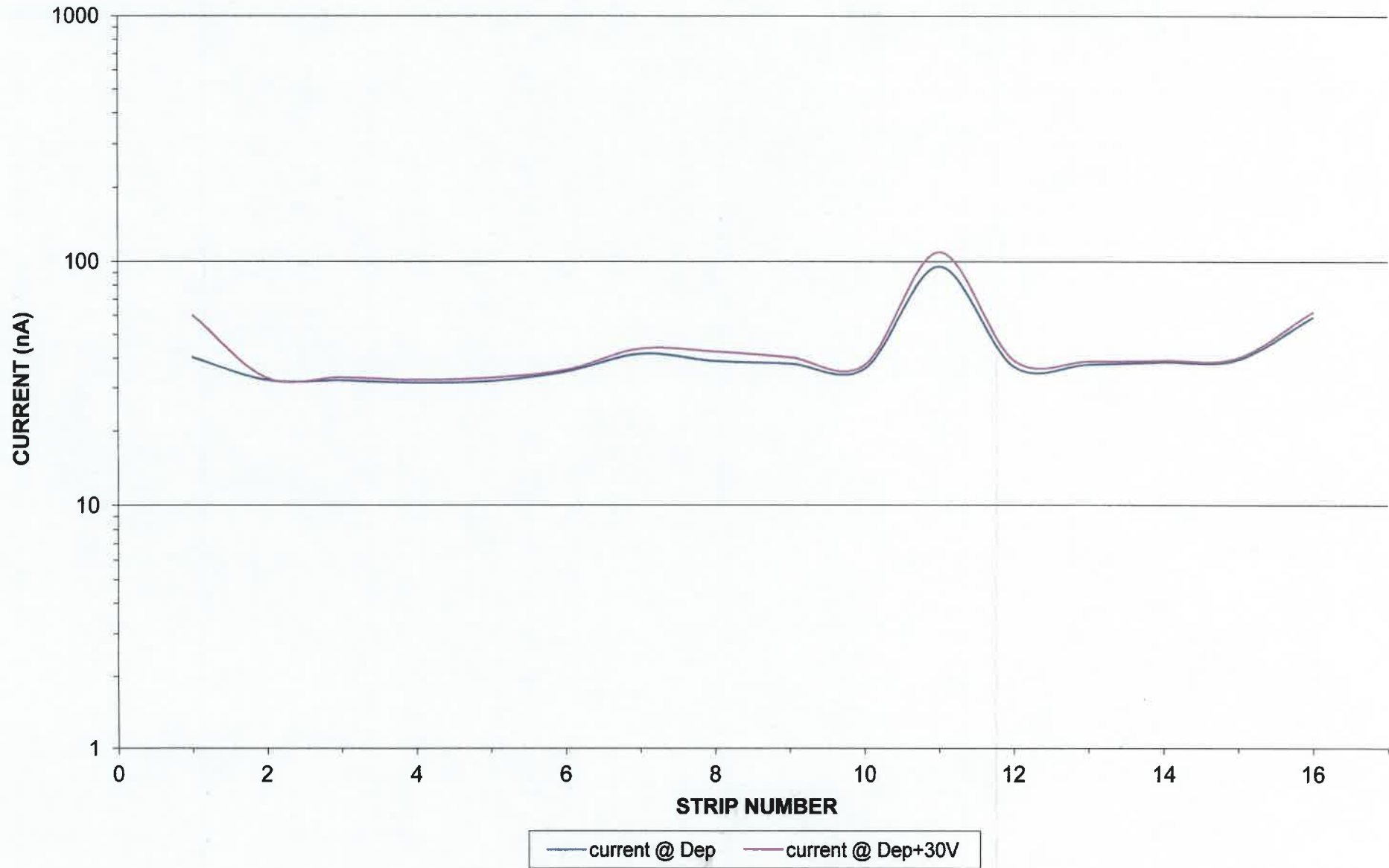


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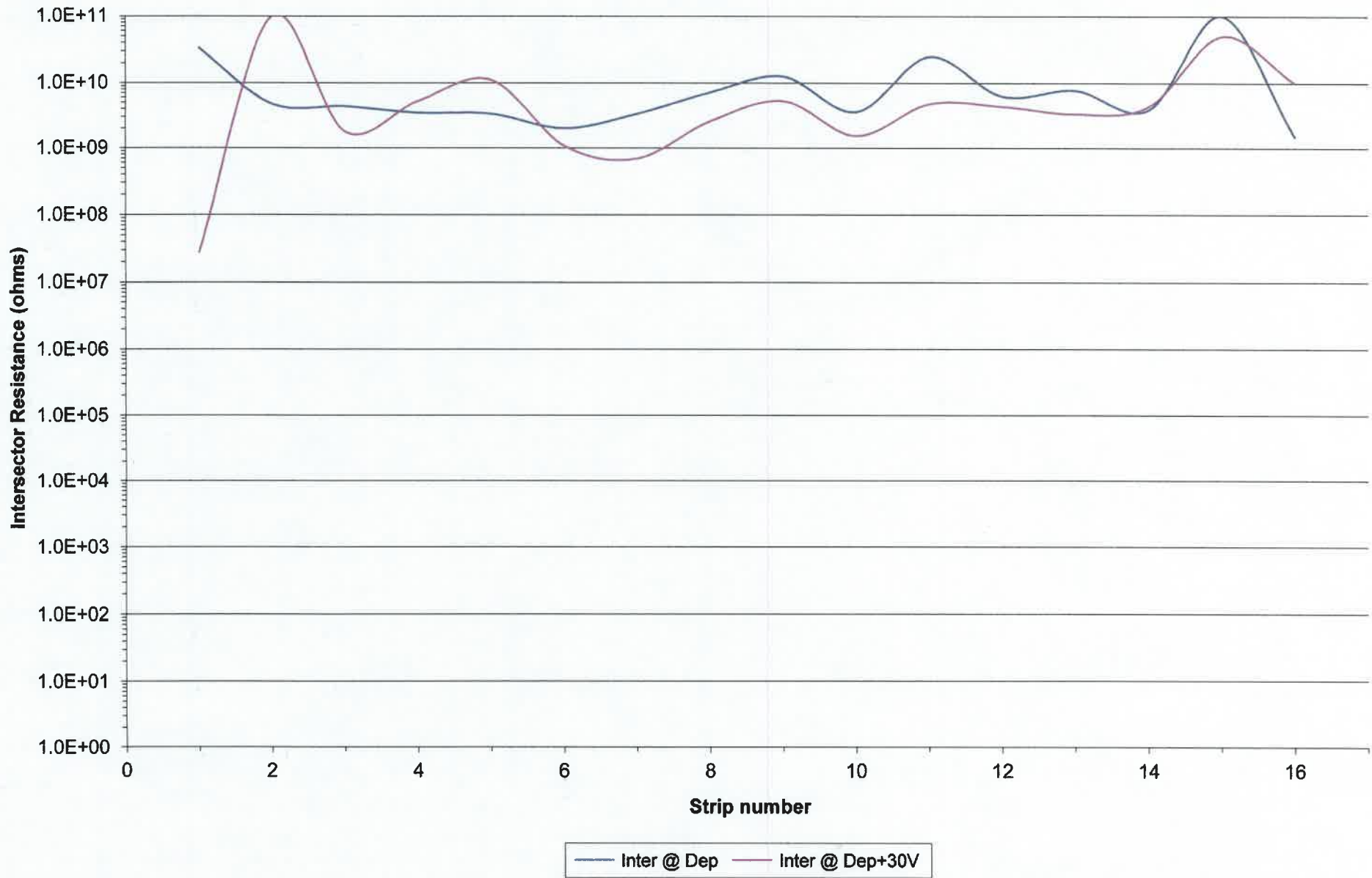
Design-W_1000 D/S
2947-4 TOTAL DETECTOR IV
Dep=146V Thickness=1043um



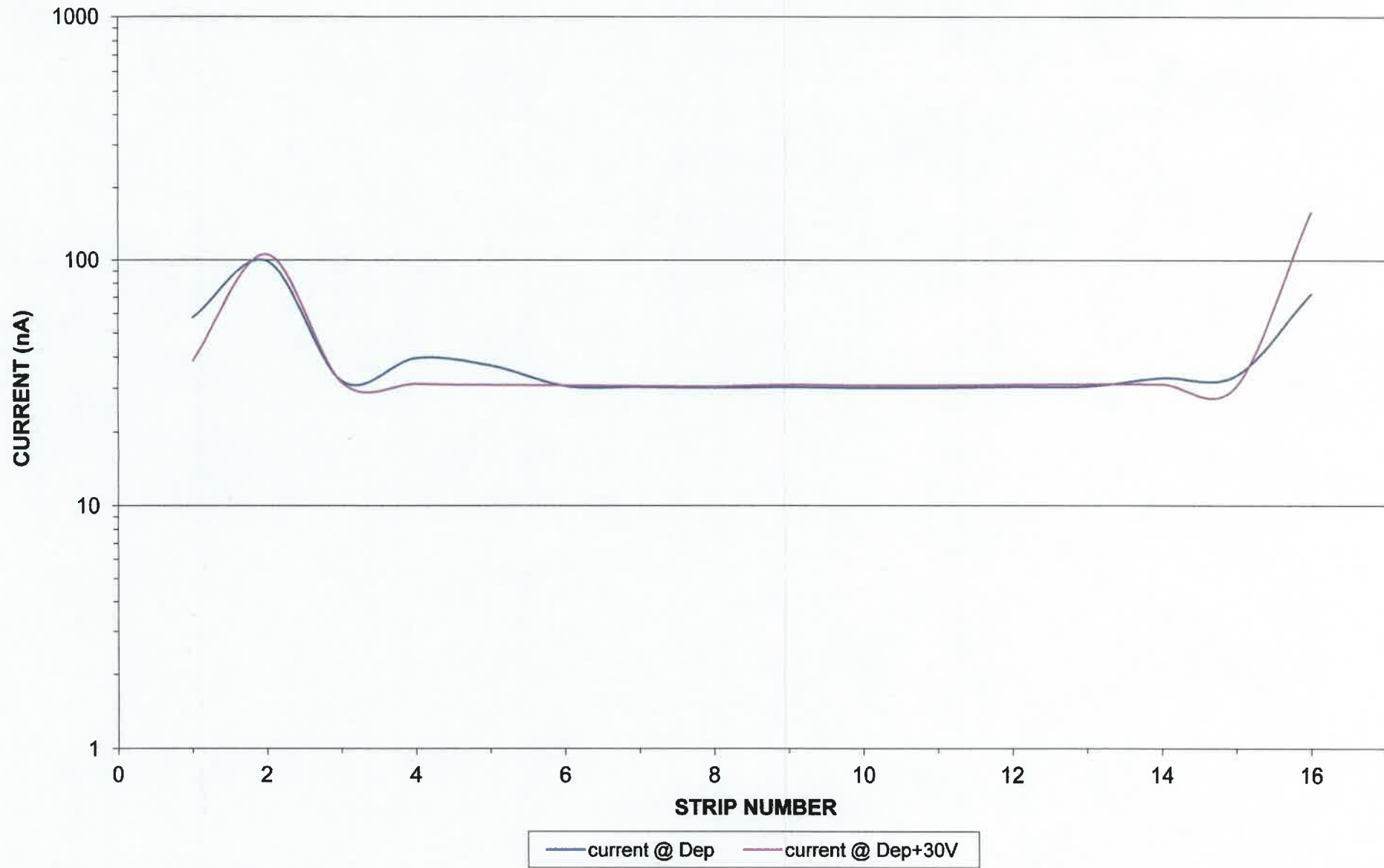
Design-W_1000 D/S
2947-4 Junction side Dep=146V



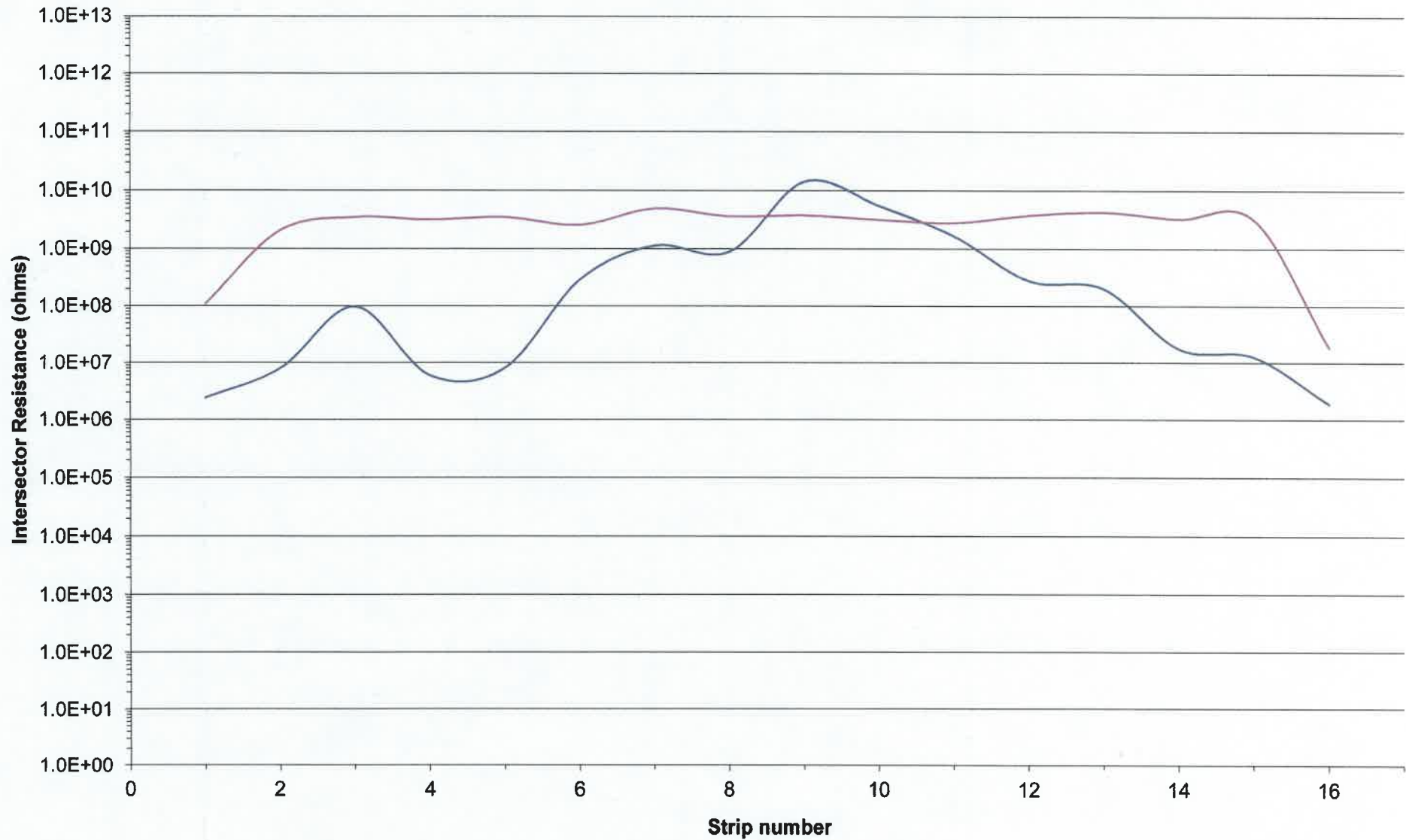
Design-W_1000 D/S
2947-4 Junction side Dep=146V



Design-W_1000 D/S
2947-4 Ohmic side Dep=146V



Design-W_1000 D/S
2947-4 Ohmic side Dep=146V



— Inter @ Dep — Inter @ Dep+30V