Dark current at higher temps, InSb arrays

$data := READPRN(fpa48)$

$N := rows(data)$ $\quad N = 476$ $\quad i := 0..N-1$ $\quad e_ \equiv 1Q$

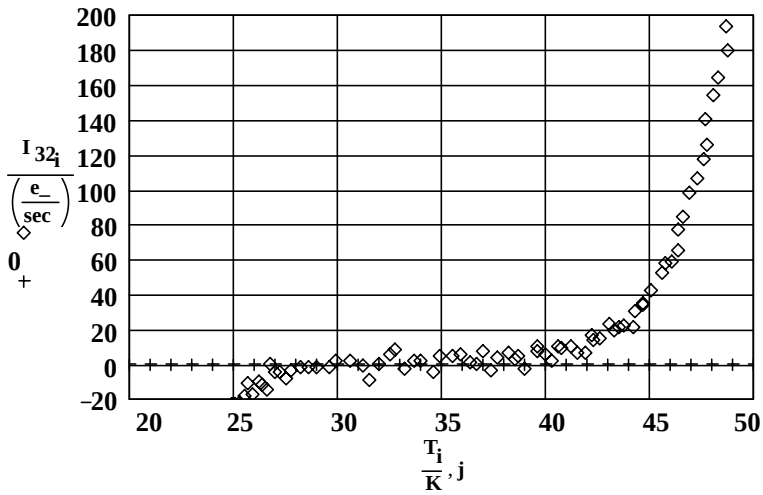
$j := 20..60$

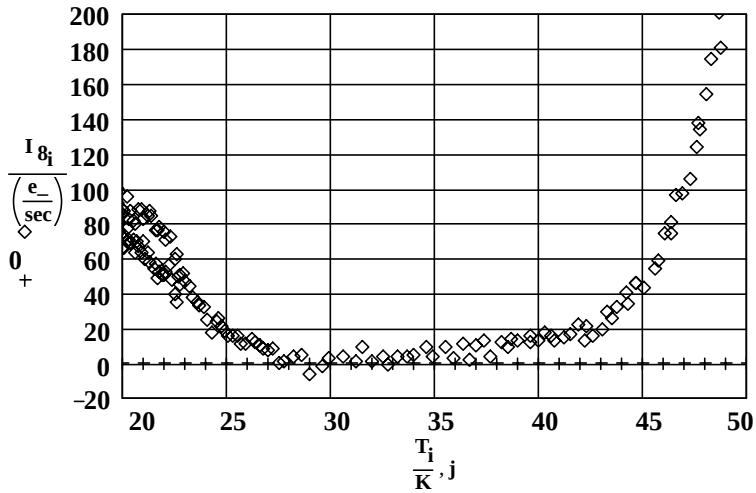
$T := data^{<0>} \cdot K$

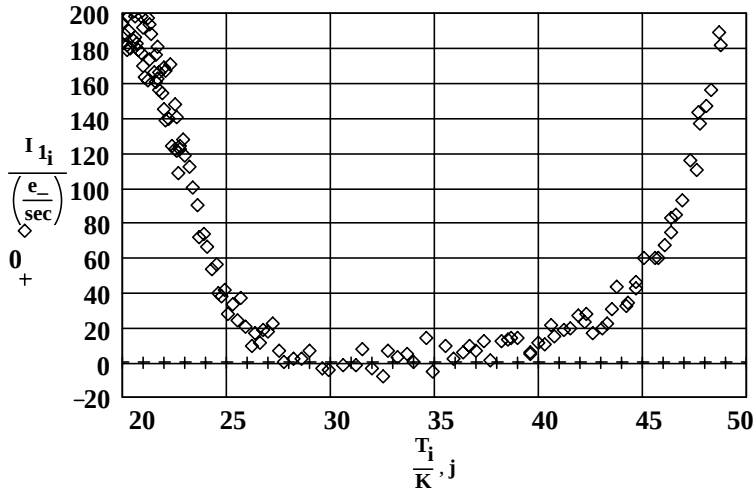
$I_1 := \left(data^{<1>} + 5\right) \cdot \frac{e_}{sec}$ dark current with 1 fowler pair

$I_8 := \left(data^{<2>} - 4\right) \cdot \frac{e_}{sec}$ dark current with 8 fowler pairs

$I_{32} := \left(data^{<3>} - 35\right) \cdot \frac{e_}{sec}$ dark current with 32 fowler pairs



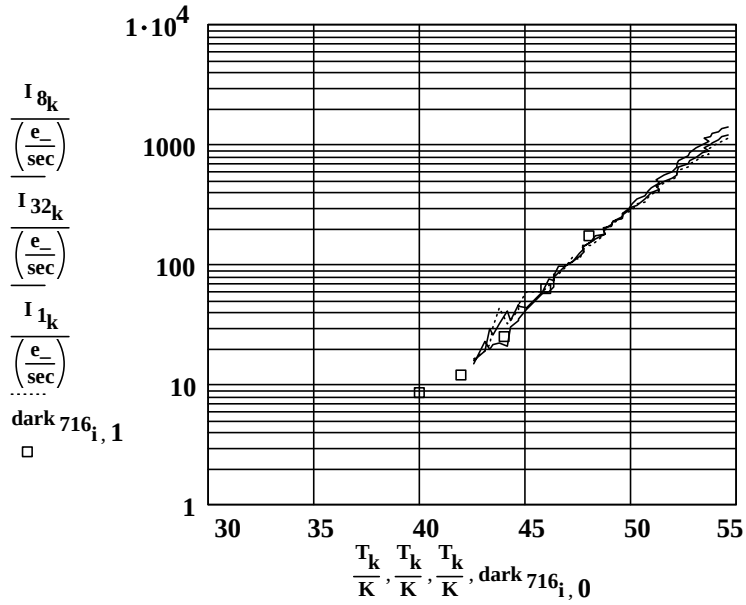
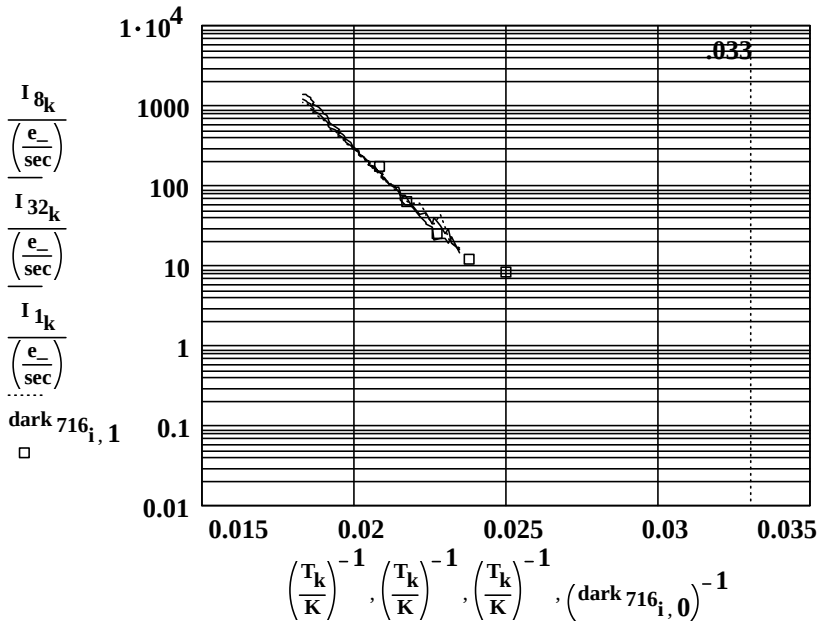




$T_{158} = 42.6$ $T_{210} = 54.6$ $k := 158 .. 210$ **bona-fide dark current**

$$I_{1_{210}} = 1.116 \cdot 10^3 \cdot \frac{e_}{sec}$$

T(K) and dark (e-/s) for array 716 (unreliable below 20 e-/s)

$i := 0 .. 4$

$$dark_{716} := \begin{bmatrix} 40 & 8.5 \\ 42 & 12 \\ 44 & 25 \\ 46 & 63 \\ 48 & 176 \end{bmatrix}$$