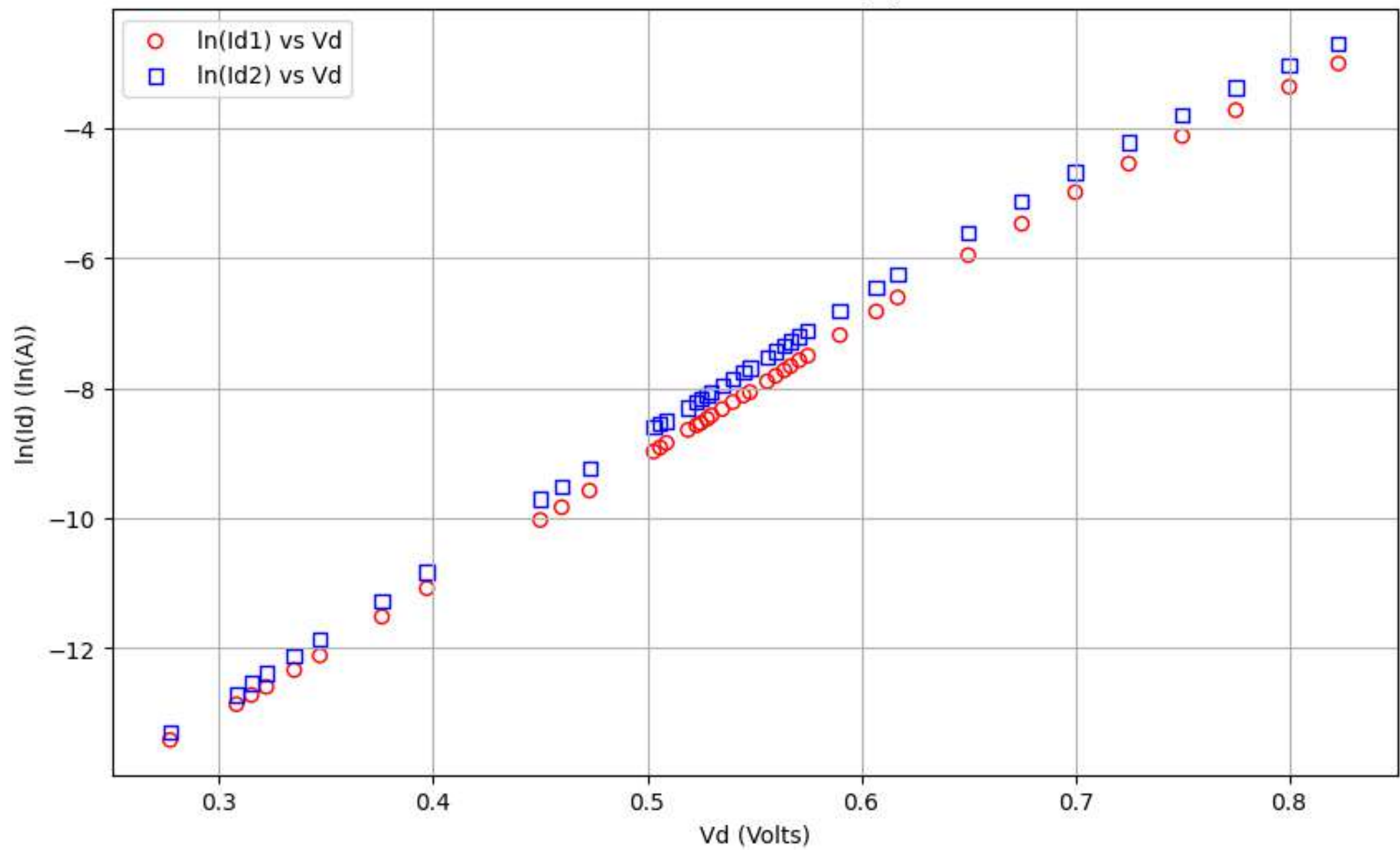
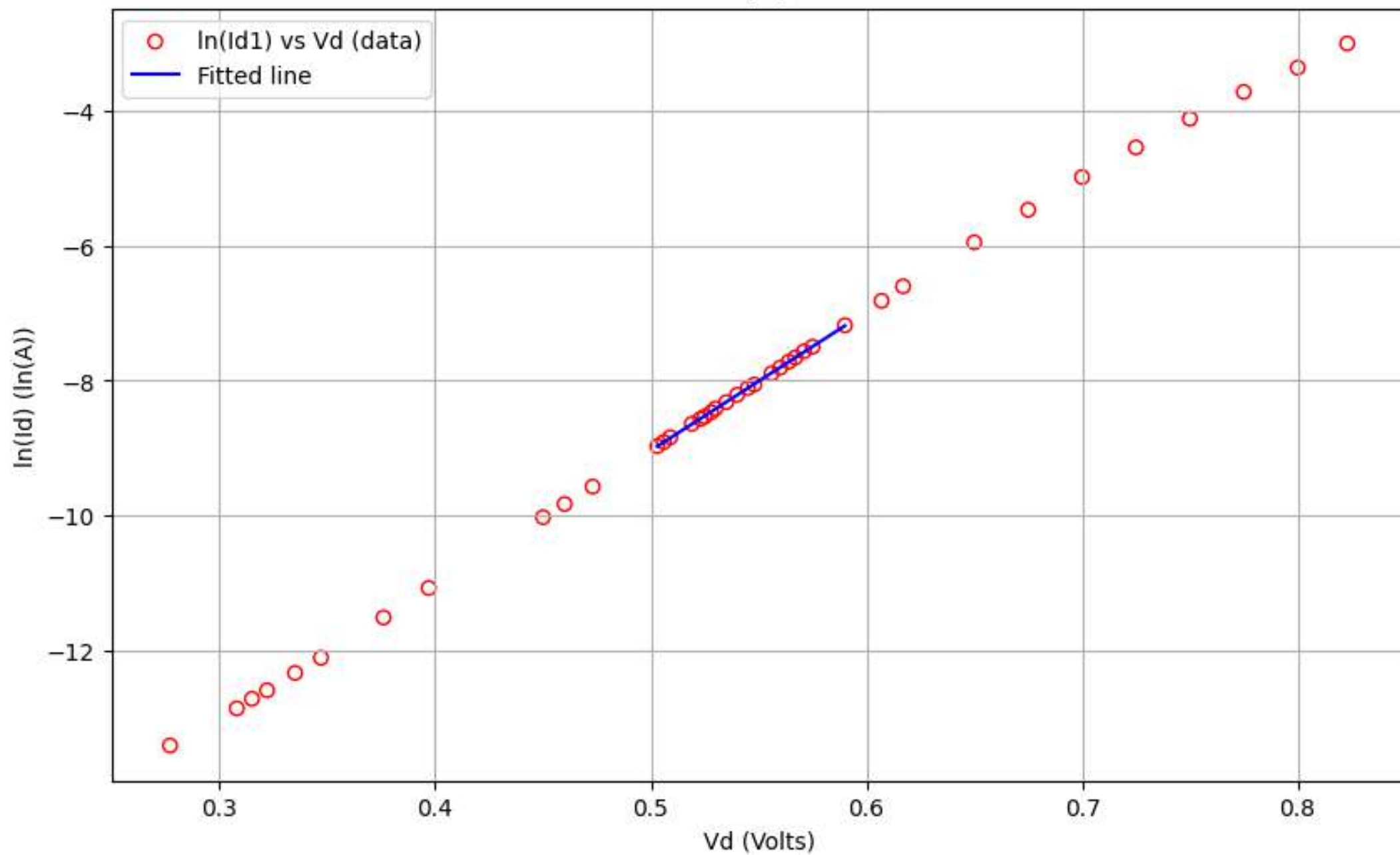


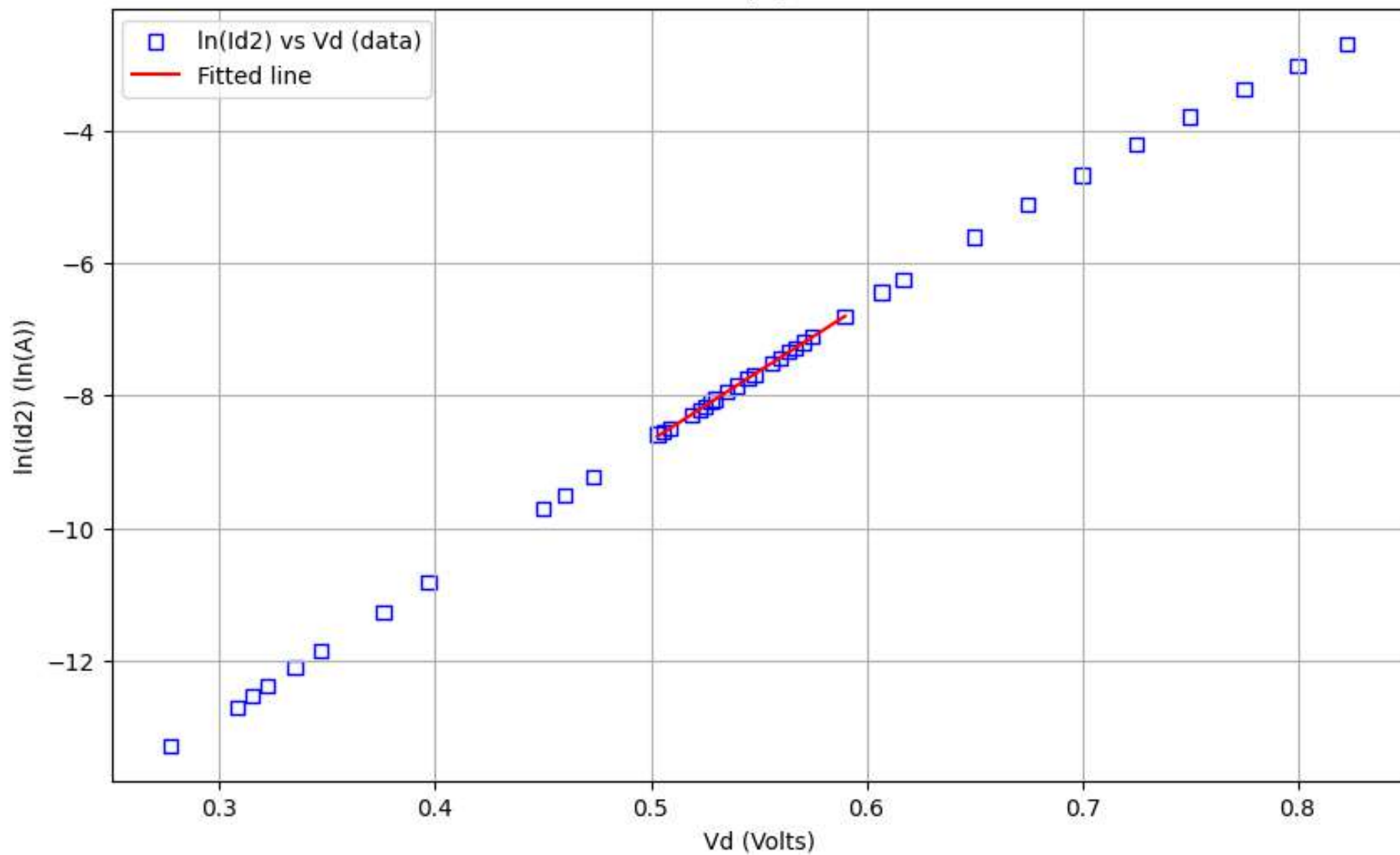
Diode Characteristics: $\ln(I_d)$ vs V_d



Linear Fit of $\ln(I_d)$ vs V_d for D1



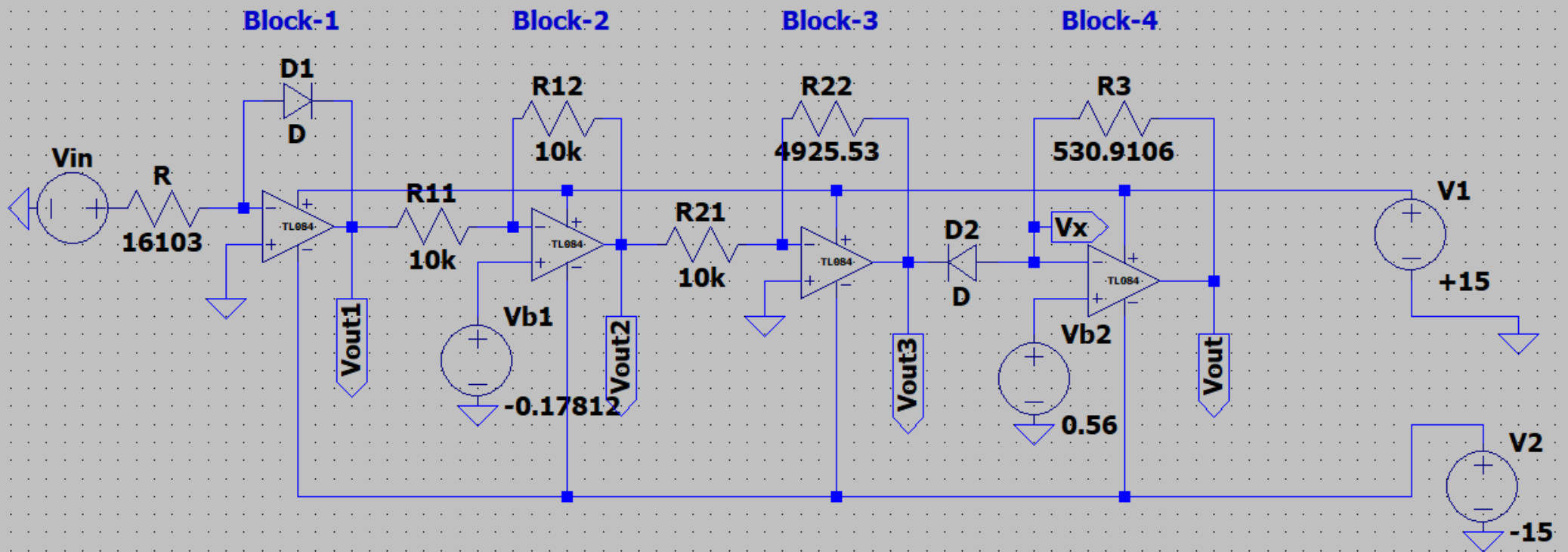
Linear Fit of $\ln(I_d)$ vs V_d for D2

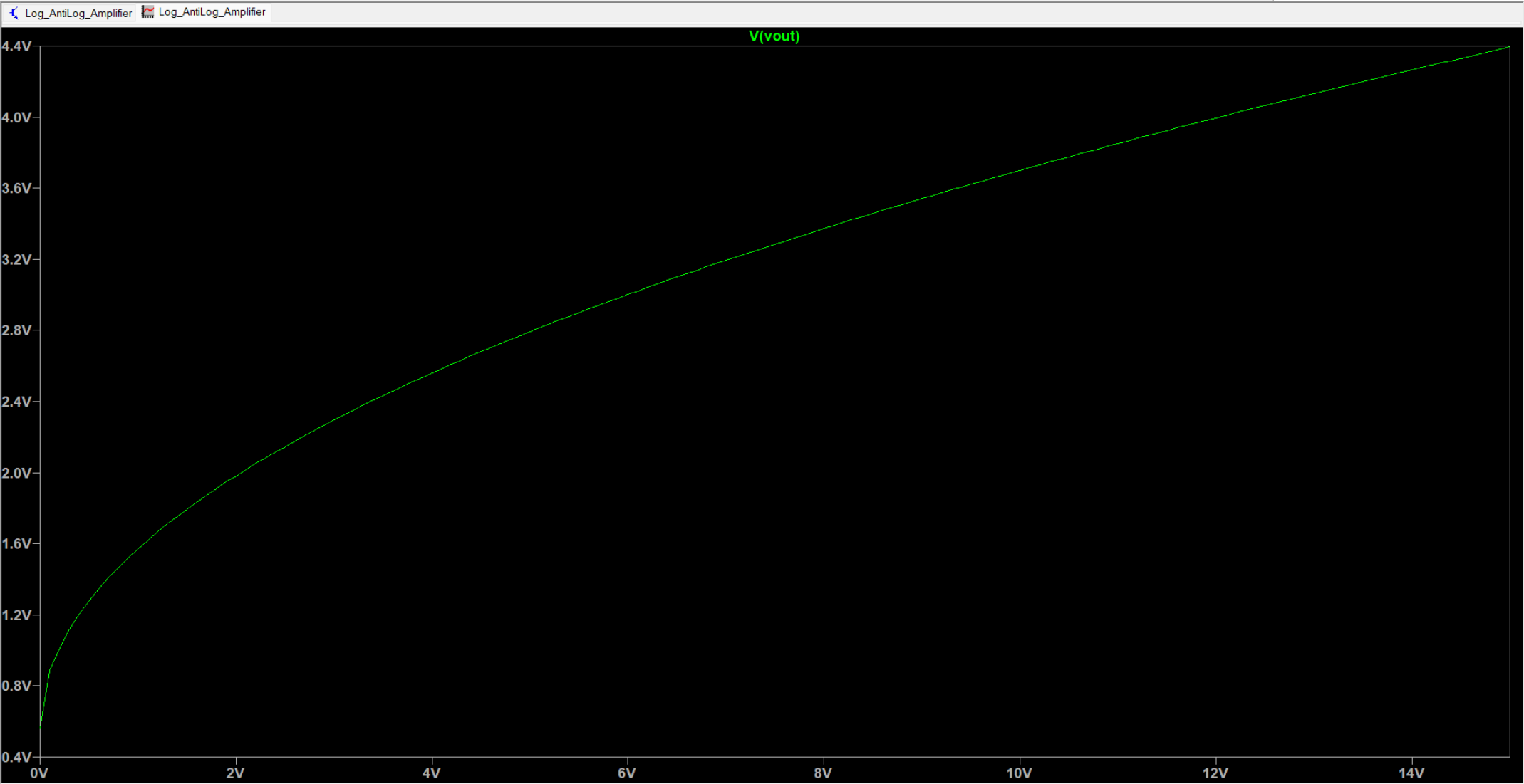


```

.model D1 D(Is=4.097e-09 N=1.880)
.model D2 D(Is=4.994e-09 N=1.852)
.dc Vin 0 15 0.1

```





x = 9.06V y = 3.811V