

λ (nm) $V_T = -1.92$ V $V_T = -1.98$ V $V_T = -2.02$ V $V_T = -2.08$ V

835

830

835

830

835

830

835

830

50

 $\times 2.2$ $\times 5$ $\times 2.2$ $\times 5$ $\times 2.2$ $\times 5$ $\times 2.2$ $\times 5$ $\lambda_{\text{exc}} = 790$ nm

Count rate (cps)

100

50

0

25

 $\times 2.2$ $\times 5$ $\times 2.2$ $\times 5$ $\times 2.2$ $\times 5$ $\times 2.2$ $\times 5$ $\lambda_{\text{exc}} = 805$ nm

Count rate (cps)

40

20

0

10

 $\times 2.2$ $\times 5$ $\times 2.2$ $\times 5$ $\times 2.2$ $\times 5$ $\times 2.2$ $\times 5$ $\lambda_{\text{exc}} = 815$ nm

Count rate (cps)

20

10

0

1.48

1.49

1.48

1.49

1.48

1.49

1.48

1.49

 E (eV)