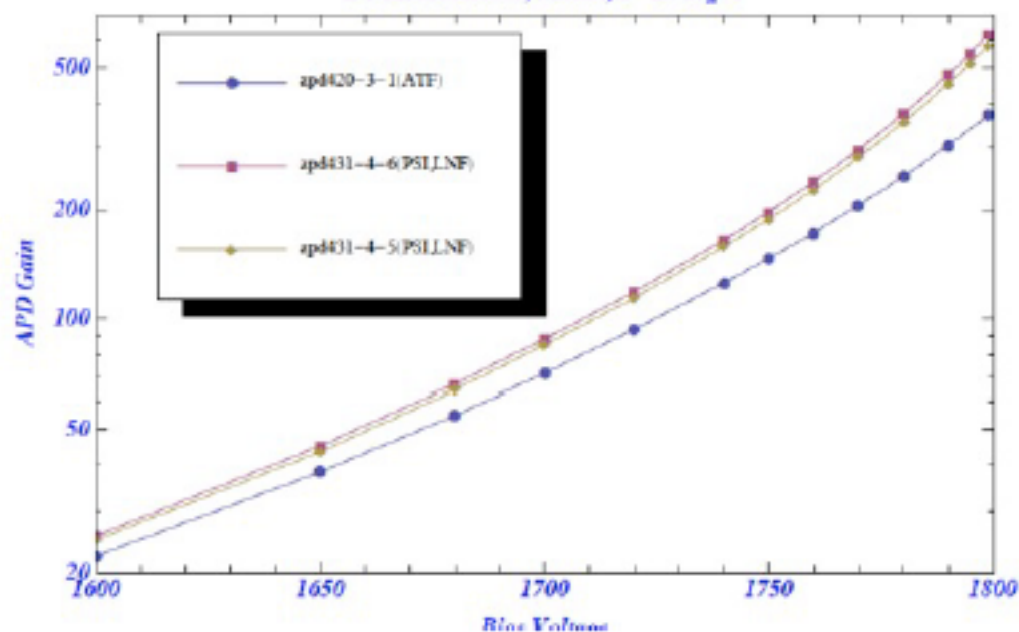
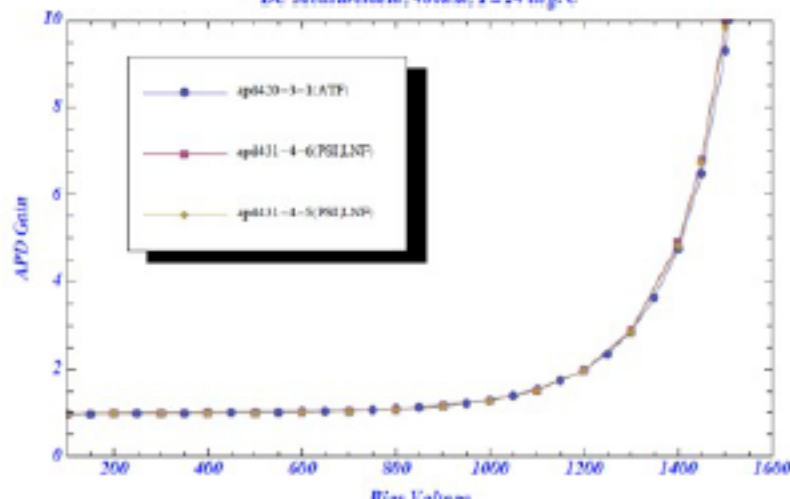


Gain Curve for APDs used in Frascati/PSI

DC Measurement, 480nm, T=24 deg. C



DC Measurement, 480nm, T=24 deg. C



Expected APD mip signal

In[130]:-

```
q = 6000 * 200 * 1.6 * 10-19;
ampgain = 8;
t = 5 * 10-9;
i = 2 * q / t;
mV = 1000;
c = i * 50 * mV * ampgain
```

Out[135]= 30.72