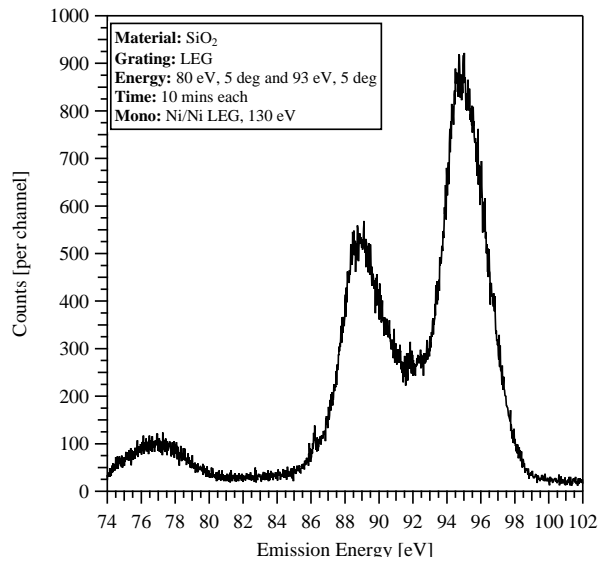
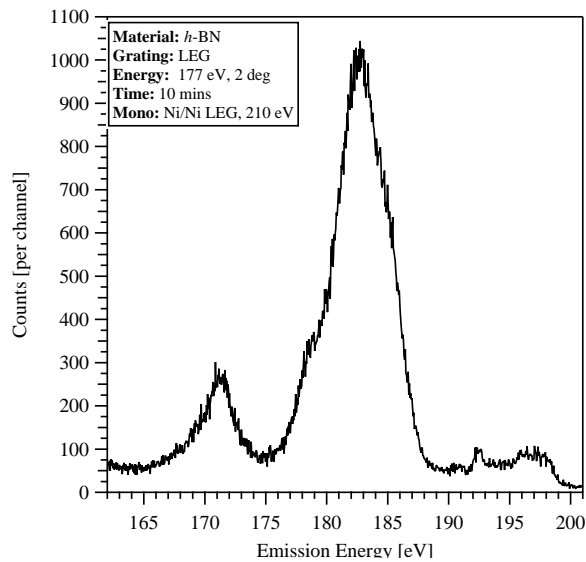


# 1 Examples of Reference Materials

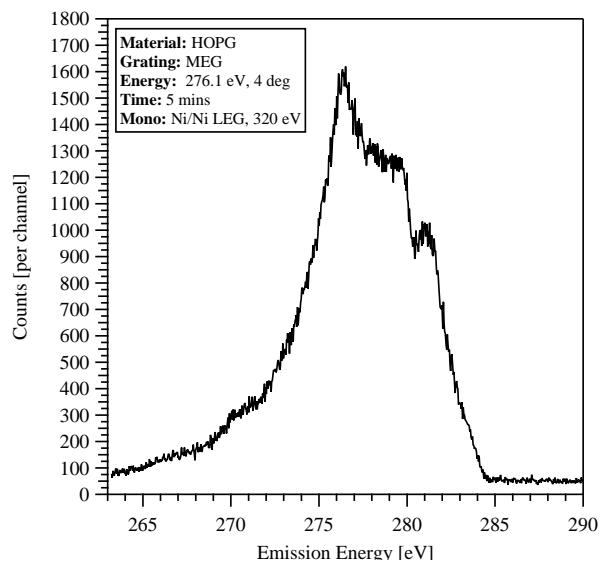
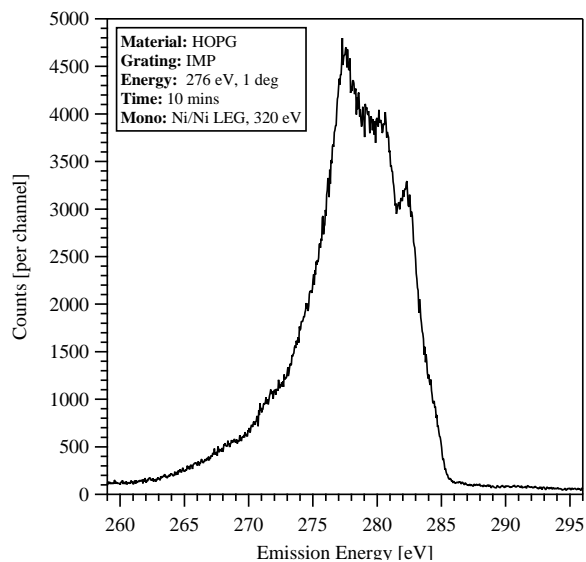
## 1.1 Si L<sub>2,3</sub> Emission



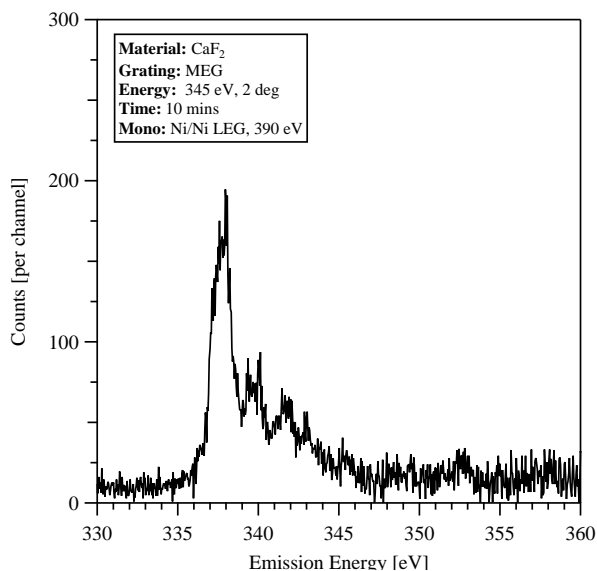
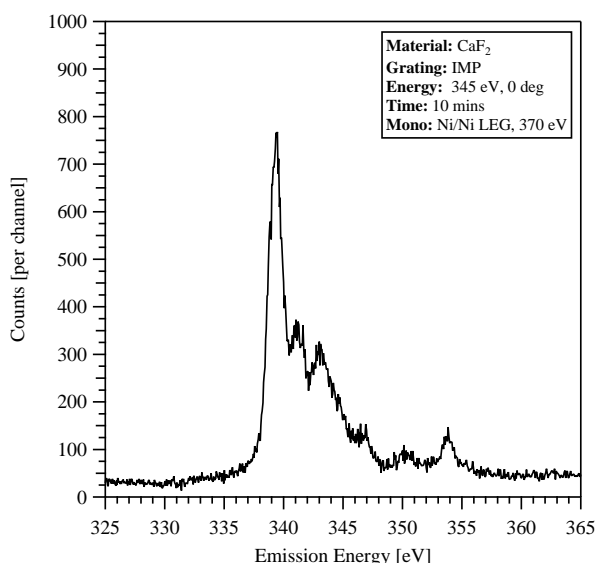
## 1.2 B K<sub>α</sub> Emission



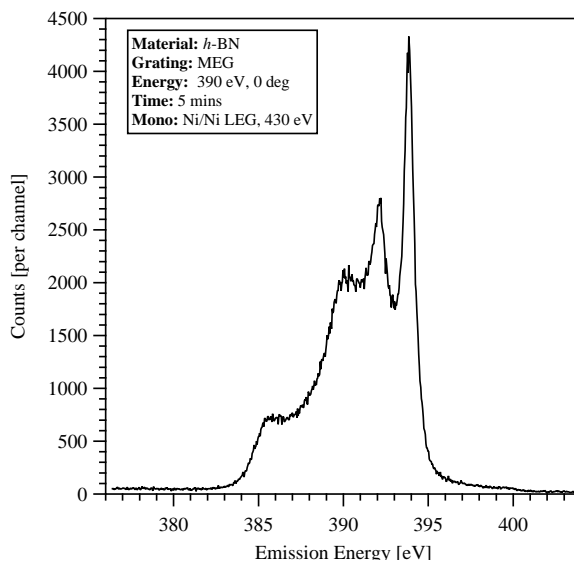
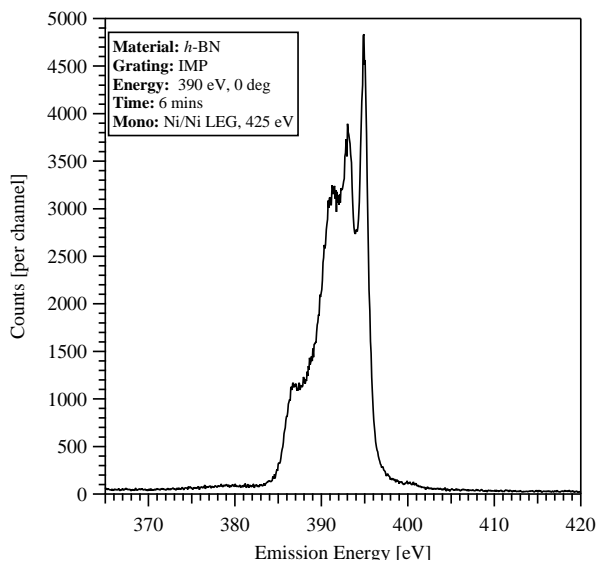
## 1.3 C K<sub>α</sub> Emission



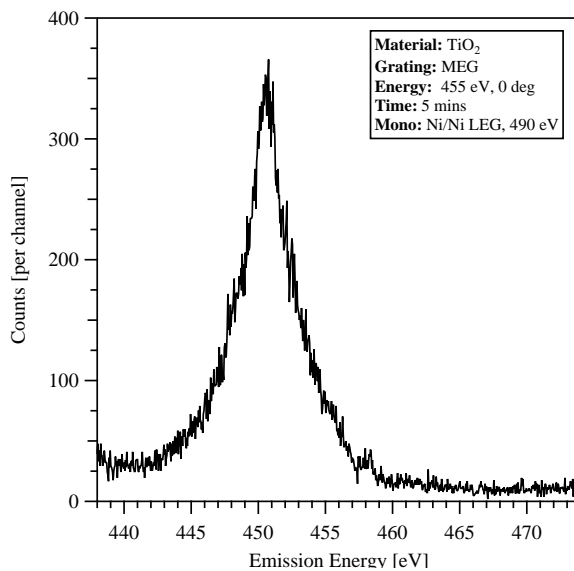
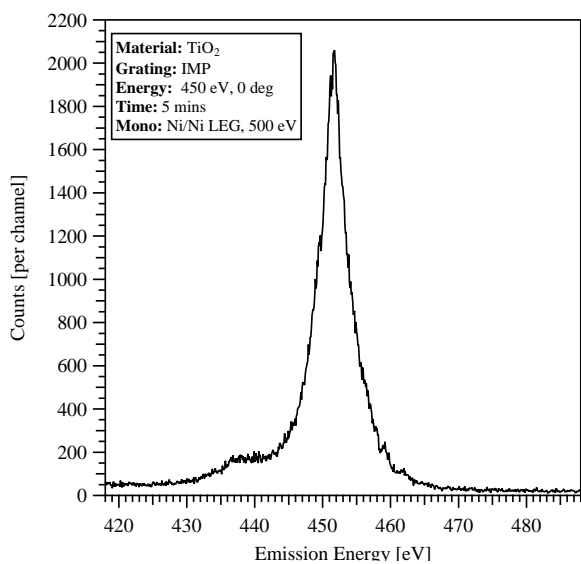
## 1.4 Ca L<sub>2,3</sub> Emission



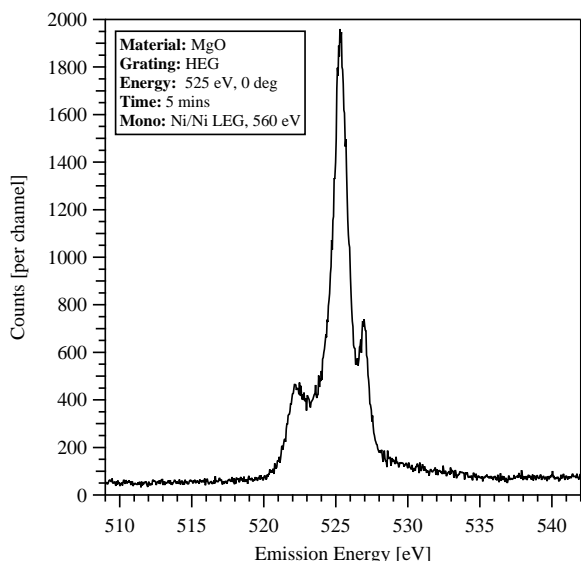
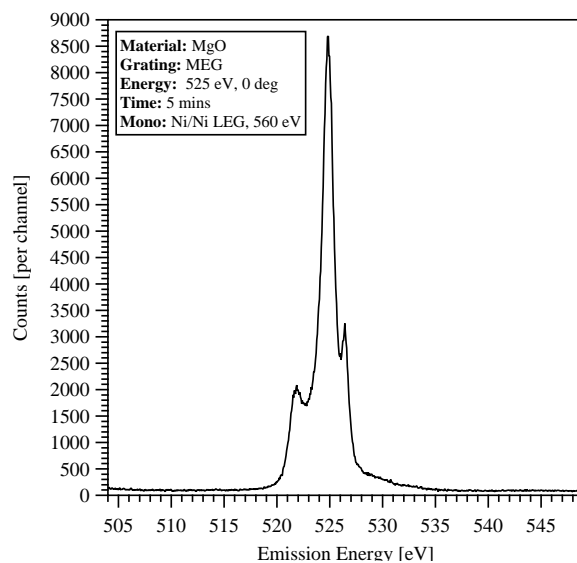
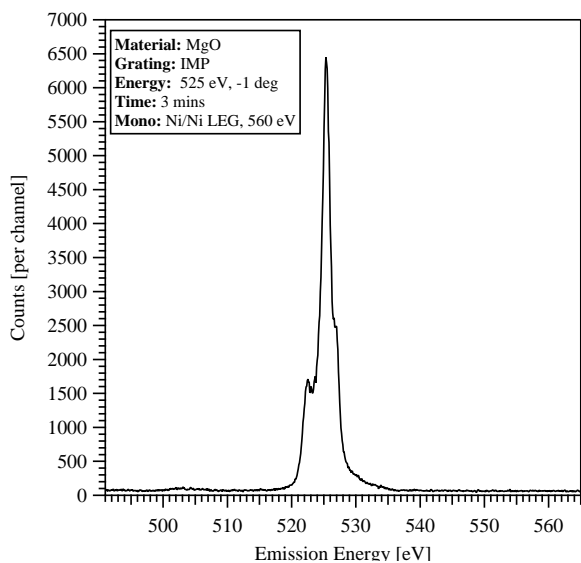
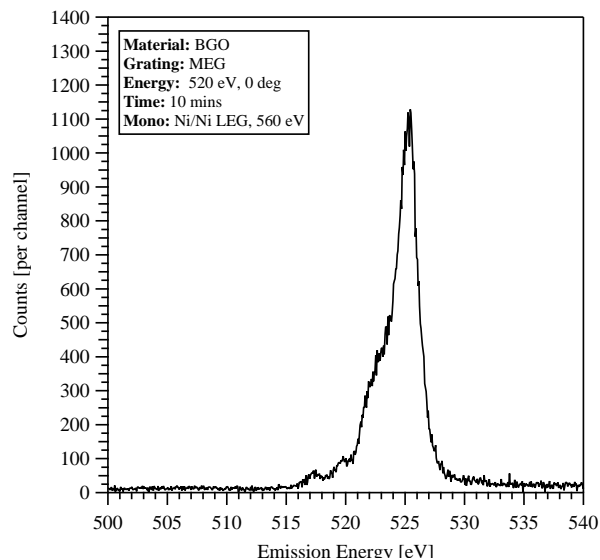
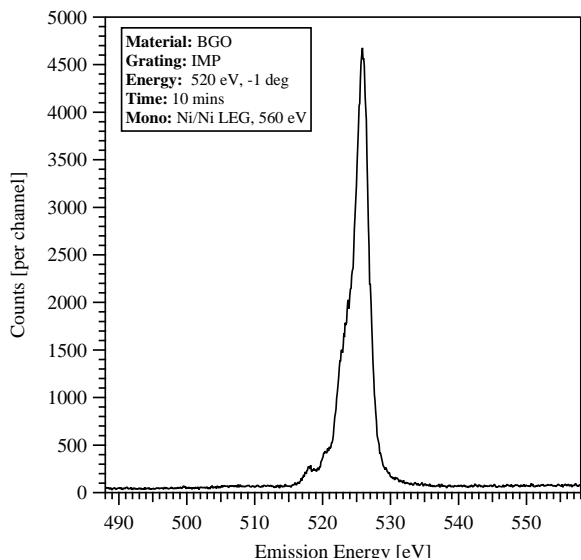
## 1.5 N K<sub>α</sub> Emission



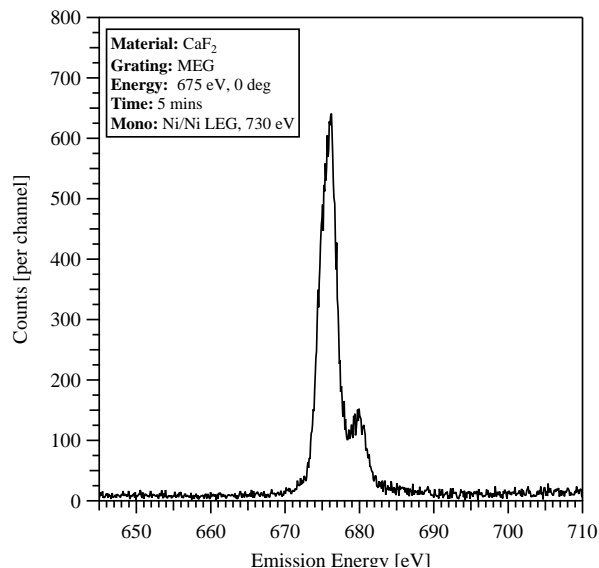
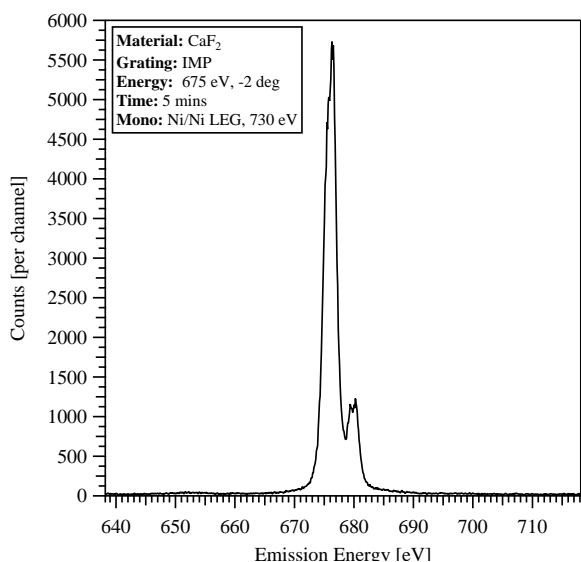
## 1.6 Ti L<sub>2,3</sub> Emission



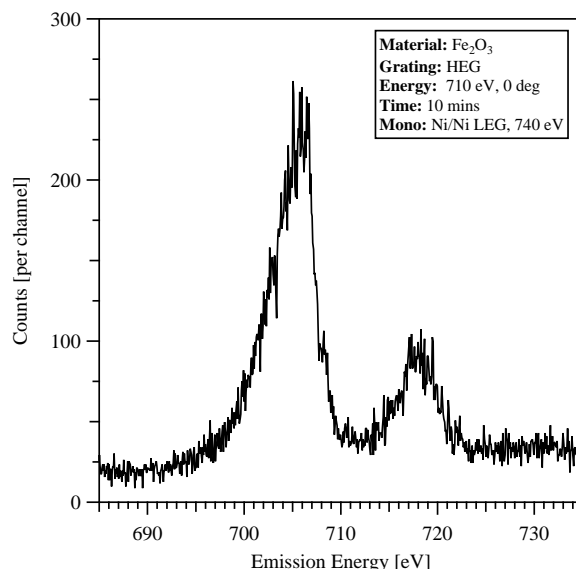
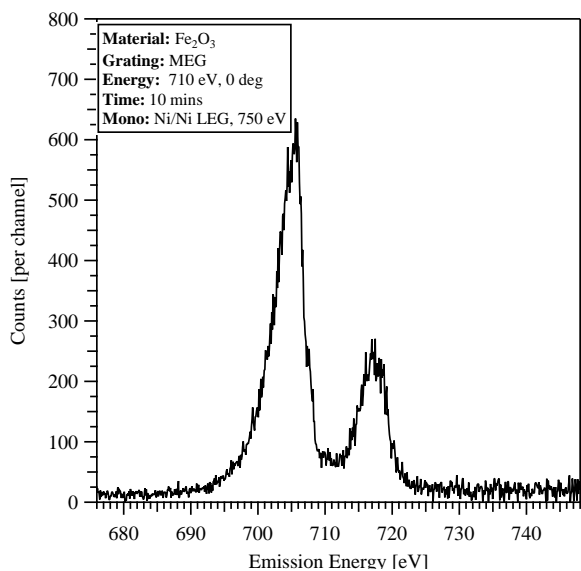
## 1.7 O $K_{\alpha}$ Emission



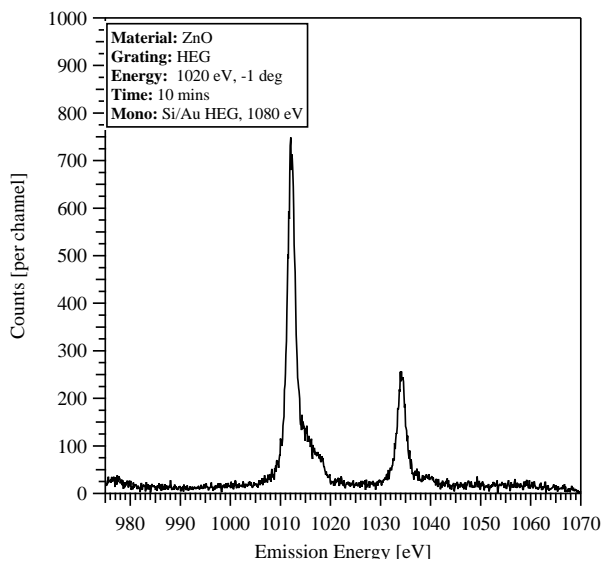
## 1.8 F $K_{\alpha}$ Emission



## 1.9 Fe $L_{2,3}$ Emission

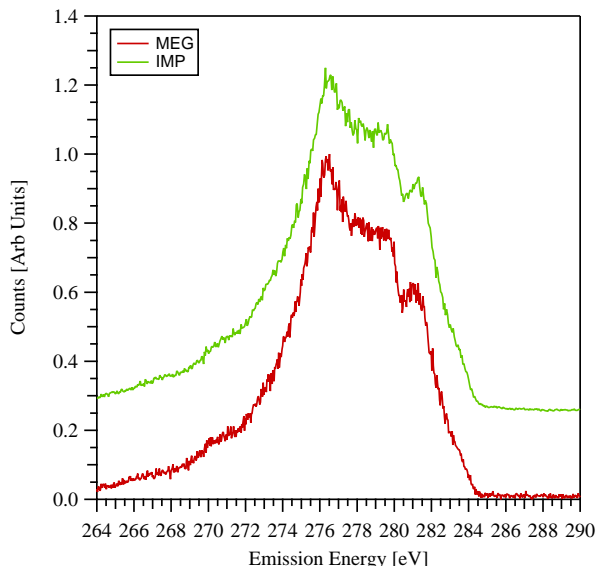


## 1.10 Zn $L_{2,3}$ Emission

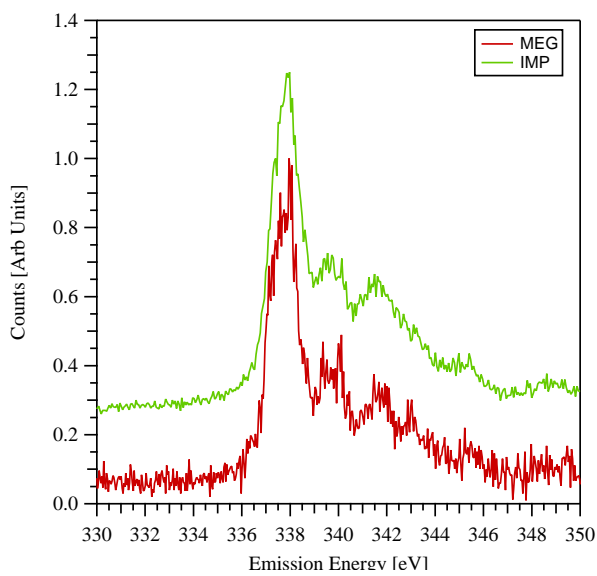


## 2 Comparing Grating Resolution

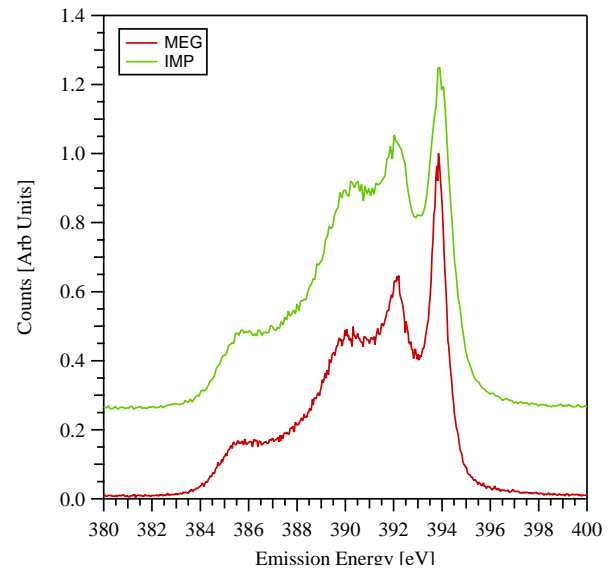
### 2.1 C $K_\alpha$ Emission



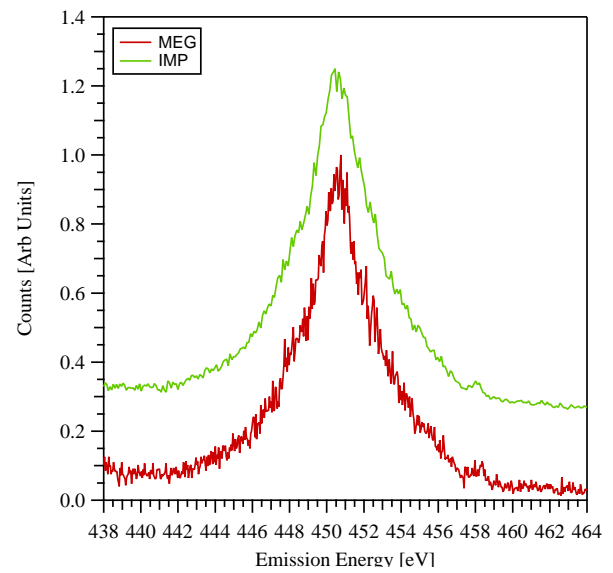
### 2.2 Ca $L_{2,3}$ Emission



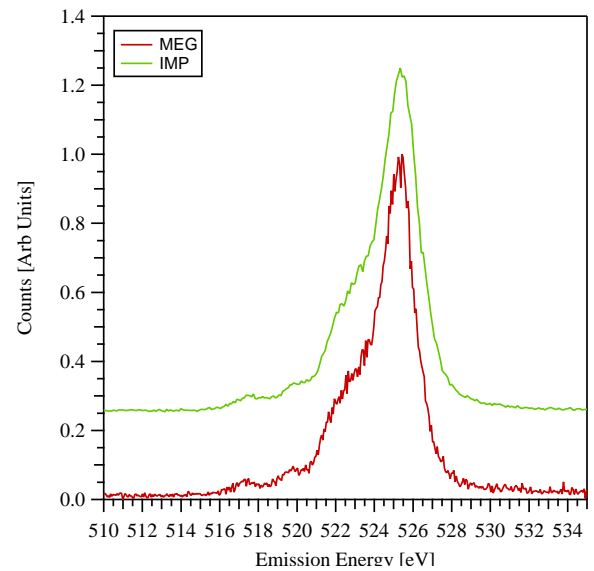
### 2.3 N $K_\alpha$ Emission

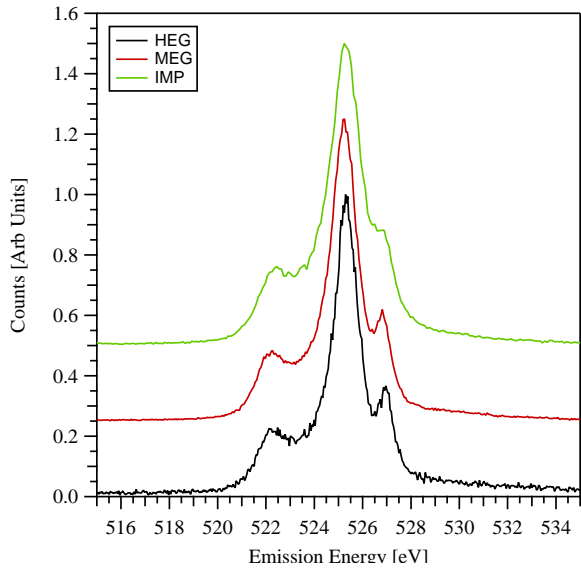


### 2.4 Ti $L_{2,3}$ Emission

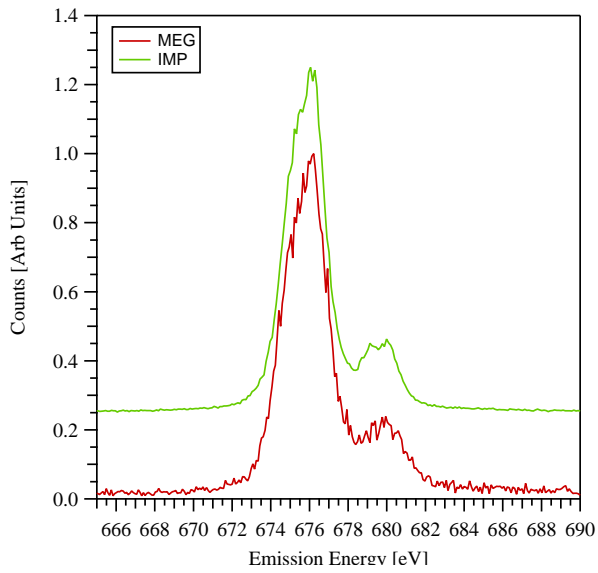


### 2.5 O $K_\alpha$ Emission





## 2.6 F K $\alpha$ Emission



## 2.7 Fe L $_{2,3}$ Emission

