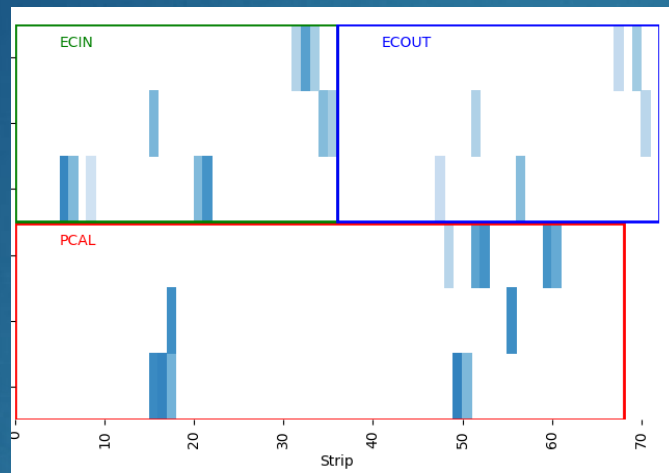
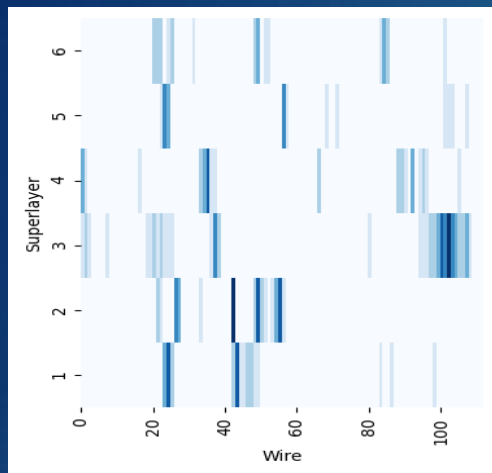


Level-3 Electron Trigger

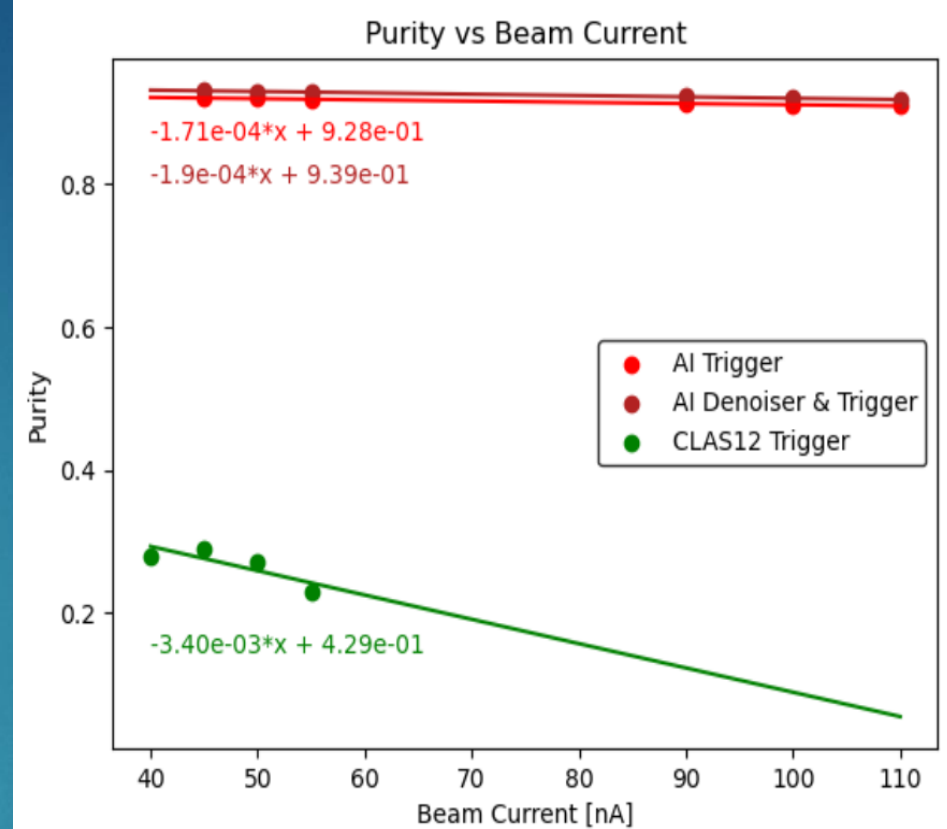


Convolutional
Layers

Convolutional
Layers

Neural
Network

Response



Threshold	Purity	Efficiency	Accuracy
0.01	83.0 %	99.9 %	89.7 %
0.04	88.8 %	99.7 %	93.6 %
0.08	91.2 %	99.5 %	95.0 %

R. Tyson, G. Gavalian, D. Ireland, B. McKinnon, Deep Learning Level-3 Electron Trigger For CLAS12, Comp. Phys. Comm. 290, 108783 (2023).