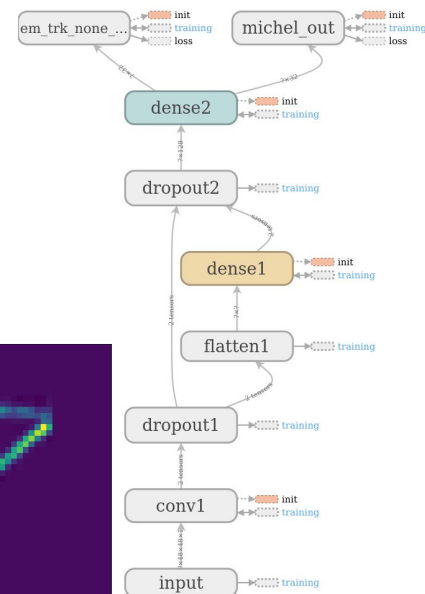
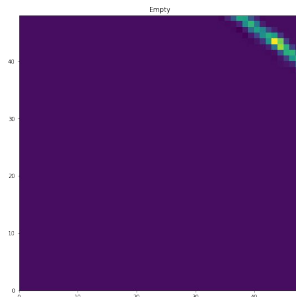
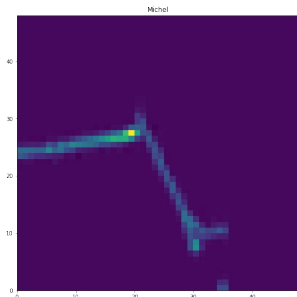
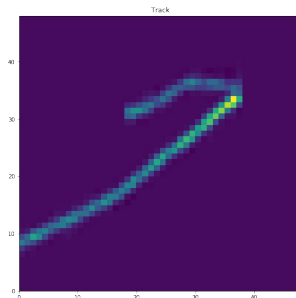
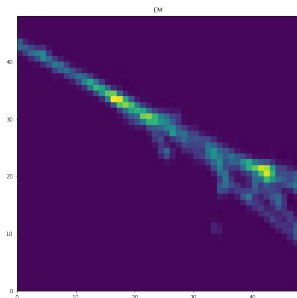


Updated Hit Tagging with CNN

- Revisiting the hit tagging CNN to run tests and retrain the network on the updated simulations.
- Ran initial training with same network architecture as before.
 - Random sample from MCC 11 beam + cosmic data files
 - Fluid flow simulation
 - All beam energies, both polarities
 - 100 events per energy + polarity
- ~10,000,000 training images split
 - 90% Training
 - 5% Test
 - 5% Validation



Updated Hit Tagging with CNN

- Initial results from new training this morning
 - Showing comparable performance to previous network
 - Michel scores 'boxy' due to few samples
- More testing required
 - Validation on real data
 - Comparison to pandora
 - Validation against old simulation

