



Meson FF Studies Update

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Generator Updates

- Reverted to old weighting calculation
- Added the event weight to the new format files
 - Now read in and retained by EIC smear
 - Need an update on Fun4All implementation
- Generated a sample of events to feed into the simulation
 - 5on100 - 1.7m π^+ events
 - 10on100 - 220k π^+ events
 - 5on41 - 17m π^+ event
 - 5on41 - 1.7m $K\Lambda$ and $K\Sigma$ events

Analysis Module Updates

- Constructing a module to analyse the data after it has been passed through the simulation
- **Work in progress**
 - ZDC hits look good, seeing particles with correct energy for the neutron
 - Other detectors not so clear
 - **No energy deposit for pion/scattered electron? Will discuss in simulation office hours**
- Need MC truth information
 - **Coming soon according to Bill**
- Also need weight carried into Fun4All