Hades Processing Update

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Current Situation

- All ICPC detectors have been processed located at:

    /lfs/l1/legend/legend-prodenv/prod-usr/ggmarsh-test-v03/gen

- These were processed with quite an old version of pygama now, almost all code has or will be changed

```
"trapEmax_ctc": {
    "Qbb_fwhm": 1.98,
    "Qbb_fwhm_err": 0.01,
    "2.6_fwhm": 2.22,
    "2.6_fwhm_err": 0.01,
    "m0": 0.2568333607121994,
    "m1": 0.0017915686983326243,
    "Calibration_pars": [
        0.066475473168012,
        -0.8912084012312947
    ],
    "Number_passed": 2476249,
    "Number_cut": 292027,
    "Cut Percentage": 10.549056524710686
},
"cuspEmax_ctc": {
    "Qbb_fwhm": 1.97,
    "Qbb_fwhm_err": 0.01,
    "2.6_fwhm": 2.21,
    "2.6_fwhm_err": 0.01,
    "m0": 0.22239132690466454,
    "m1": 0.001787181228174244,
    "Calibration_pars": [
        0.06647138680804245,
        -0.878227105767916
    ],
    "Number_passed": 2476249,
    "Number_cut": 292027,
    "Cut Percentage": 10.549056524710686
```

Energy Cal Output

Future Plans

- Waiting on refactored version of pygama
  - dsp, raw done
  - Hit, math in progress

- When finished – rerun all detectors in first stable reference production:
  /lfs/l1/legend/legend-prodenv/prod-ref/

- Add ability to output Legend-metadata files at end of production