SATF: Ptarmigan updates v1.4.0 (coming soon, available on devel branch)

- New output routines:
 - Data about decayed photons (that have pair created and are therefore not included in the final state) is now available. Add 'dump_decayed_photons: true' to the input file and a new group intermediate-state/photon will be added to the HDF5 output file. For now, this is opt-in, rather than the default. (Hat tip to Ivo!)
 - The total amount of energy drawn from the laser is now recorded in a new dataset finalstate/laser/absorption. This is mostly of relevance to simulations at extremely high intensity, where the cascade multiplicity + particle re-acceleration can be meaningfully large. Ptarmigan will issue a warning if the amount of absorption exceeds 10% of the laser energy.
 - In addition to their ξ value at the point of creation, particles now also record the χ of their parent particle: this information is available under, e.g., final-state/photon/parent-chi.
- And as for input...
 - Ptarmigan will now accept its own output (and that of Daniel's ICS code PICA) as input this will enable simulations of the ICS-laser geometry. Tests underway...
 - In principle, this allows Ptarmigan to simulate arbitrary particle beams, sampled from a full 6D phase space, beyond the Gaussian spatial/energy distributions assumed so far.