Scattered Electron Algorithms

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Pull Requests

✓ **PR #1277: Algorithms and factories for scattered electrons**
- Introduces scattered electron algorithms using truth and $E - p_z$
- Merged yesterday!

❑ **PR #1355: Adapt ElectronReconstruction to use MatchClusters**
- Linked issue #1320
- Makes `ReconstructedElectron` a subset collection of `ReconstructedParticles`
- In progress: Make `ScatteredElectron` collections subset collections as well
- Workforce: Myself

❑ **Issue #1360: ScatteredElectronsEMinusPz should be converted to use the algorithms:: interface**
- `ScatteredElectronEMinusPz` currently inherits from `WithPodConfiguration<...>`
- Needs to be changed to `algorithms::Algorithm<...>`
  - Already used by `ScatteredElectronTruth`
- Not yet started
- Workforce: ?

❑ **PR #52: Association between Reco Cluster and ReconstructedParticle**
- Adds association between ReconstructedClusters and ReconstructedParticles
- Fix addressing Sylvester's comments ready to be pushed
- Workforce: Myself and Daniel