QuickSim tuning

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motivation

- would like to update QuickSim detector model to match ILD_oo and ILD_o1
- current QuickSim tuning was done in 2007
 - optimized for GLD detector geometry with PFA performance at the time
 - conservative jet energy resolution 40%/sqrt(E)
- first, need to verify:
 - jet energy resolution
 - impact parameter resolution
- for different detector configurations:
 - gld_v3.com, gld_v4.com, gld_v4p.com

jet energy resolution

- jet energy resolution is defined in terms of di-jet RMS90 values
- generate Z->qq events using physsim FFStudy generator
 Ecm = 90, 200, 360, 500 GeV

gld_v4p



gld_v4



gld_v3





