1. Beam effects - not needed
2. TOF (already included)
   equalize
3. Shower times
   ignore as can be
   convoluted with other
   bigger 0-time effects
4. Shower effects
   not needed
5. Fiber filling
   subsumed in an
   overall standard
   pulse shape
6, 7. Same as 5
8. Draw N(E) photoelectrons
   from universal curve
9. Included in universal curve
10. Not needed at this time
1) ORCA generates E in each compartment
2) Use pe/GeV conversion
   by J.E & N.A.
3) Draw pe's from universal pulse shapes
   approm to compartment
   by D.G. (H1)
   by V.H (L0, H0)
   use P stats where needed
4) Count # pe's in each bucket including
   impulse response of HPD & QIE by D.G.
5) Add-in electronics
   noise (in pe's) where appropriate
6) FADC in pC units including ped. of
   (by J.E.)
7) transform FADC → 16-bit Energy