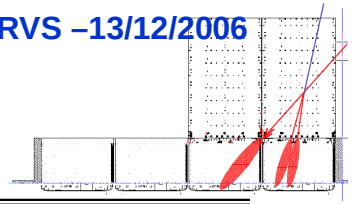
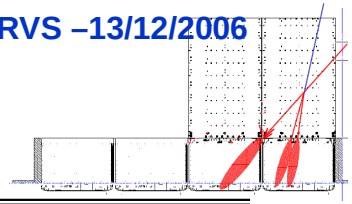
Mass simulation strategy



- Lists of runs (with python runDB from Luca B and Johan)
  - ~900 good runs (removing calibration, wrong trigger/beam conditions, test)
  - 330 different configurations (sorting by particle, energy, impact-point, angle)
- Current constraints for mass simulation
  - Computing time (1.5 hrs for 10K evts with full farm → > 50 days for all runs!)
  - Scheduled SLAC farm update next week
- Proposed plan
  - Identify minimal set of runs to produce before SLAC farm stop (see next slide)
    - 10K evts enough for all type of runs? Probably not for e+
  - Request priority runs to users
  - Complete automatic production as to fill list of configurations in the meantime

Proposed list of priority runs



Site	Particle	Energy	Angle	Position/comments
PS	Full-brem	2.5	0,30,50,-215	Twr3 only
PS	Tagged g	0.5,1,1.5 ,2.5	0,10,20,30,50	Twr3 only
PS	e+, e-	1		e- for comparison, both setups
PS	e- scan	5		43 configurations → can we reduce to 20?
PS	p	6,10	0,30,60,90	
SPS	e-	10,20,50 ,100,200 ,280	10,20,30,45,60 degree	same position - twr2 can we give up 20 and 45 degrees?
SPS	p	20,100	0	

→ 119 runs to be reduced to ~90 for initial production