Data Challenge 2 Conditions

Versions

package	version
CCDB SQLite file	from 2014-02-06
CCDB	0.09
CERNLIB	2005
hdds	tags/hdds-dc-2.1
hdds (optional bug fix)	tags/hdds-dc-2.2
JANA	0.7.1p1
JANA (optional bug fix)	0.7.1p3
ROOT	5.34.01
sim-recon	tags/sim-recon-dc-2.7
Xerces-C	3.1.1

Commands

1. **bggen command**: bggen
2. **hdgeant command**: hdgeant
3. **mcsmear command**: mcsmear -PJANA:BATCH_MODE=1 -PTHREAD_TIMEOUT_FIRST_EVENT=300 -PTHREAD_TIMEOUT=300 -PNTHREADS=1 hdgeant.hddm
4. **hd_root command**: hd_root -PJANA:BATCH_MODE=1 -PTHREAD_TIMEOUT_FIRST_EVENT=300 -PTHREAD_TIMEOUT=300 -PNTHREADS=1 -PPLUGINS=monitoring_hists,danarest -PHDDM:USE_COMPRESSION=1 hdgeant_smeared.hddm

Run Numbers

Photon Rate (γ/s)	BGRATE setting	Run Number	Sample Fraction (%)
1×10^{7}	1.1	9001	80
5×10^{7}	5.5	9002	5
no EM interactions	0.0	9003	15

File Numbers