

SICB MC production 10/03/00-4/04/00

Sicb version	Eventty pe	Description	Sec/event (220)	Mbytes/1 k events	Nr of produce d events
223	61	Mbias Pythia 6 msel 2	70 (60)	410 (400)	20k
(thmax=3.5)	360000	B/B~ inclusive (in 4pi) Pythia 6	190 (190)	930 (970)	20k
	360100	B -> mu + X Pythia 6	240 (190)	1032 (960)	20k
	613400	Bs0 -> Ds-(K+K-pi-) K+	600 (320)	1018 (950)	20k
	411200	Bd0 -> J/psi(e+e-) Ks0	340 (230)	1150 (990)	20k
	412100	Bd0 -> pi+pi-	323 (220)	1050 (960)	20k
	412300	Bd0 -> rho0(pi+pi-) pi0	323	1025	20k
	412500	Bd0 -> K*0(K+pi-)gamma			30k
	414600	Bd0 -> D0~(K+pi-pi0)K*0(K+pi-)			40k
2233pi	412800	Bd0 -> pi-pi+pi0	312 (220)	1025 (995)	50k
Total					260k

170 k done.

- SICB (v223) runs well, no precision problems seen
- some teething problems with production system
- 1k event jobs take ~1-2 weeks to produce
- 10k events/day throughput
- SICBDST (v231) runs on NT
- problem with size of output dataset: ~ 2 Gbytes
- PCSF disks only 4 Gbytes, shared by 2 CPU's
- input datasets ~ 1 Gbyte: RAWH production already a problem