

Computing resources budget

		Sept.'09 test production	Nov. '09 test production	Jan. '10 production	??.'10 production
Statistics	ab ⁻¹	0,1	1	1	5
Cross section	nb	1,1	5	5	5
N. of geometries		2	3	5	5
Analysis streams		2	4	5	
Background processes					
Beamstrahlung		Y	Y	Y	
Pairs		N	Y	Y	
Touscheck		N	N	Y	
Beam gas		N	N	Y	
bunch crossing per event		100	400	400	
CPU time per event	ms	350	1000	1000	
Nof generated events	*10 ⁹	0,22	15	25	
Filtering fractions		100%	100%	100%	
Total CPU needed	core-day	891,2	173611	289352	
total days CNAF only		4,46	868,06	1446,76	
total days distribut. prod.		0,69	133,55	222,58	
largest storage selection fraction		7,0%	7,0%	7,0%	
average storage per event	kB	6	6	6	
Nof stored events	*10 ⁹	0,015	1,050	1,750	
Total disk space	GB	92	6300	10500	