Detector	channel	samples per channel	16 bits words per sample	data volume 1 in 16bits word	address tag	data volume 2 in 24 bits word	samples per hits	Average event siize for Au-Au min bias	occupancy for Au-Au min. bias	Total data bandwidth from Au-Au min. bias per sec	Averge event size for Au-Au central
beam -beam	132	2	1	264	1	396	1	396	100.00%	5,142,857	396
MVD vertex	28,672	2	1	57,344	1	86,016	2	4,220	4.91%	54,805,181	16,880
MVD pad	6,114	2	1	12,228	1	18,342	2	1,076	5.87%	13,975,325	4,304
DC	10,240	20	1	204,800	1	215,040	2	4,431	2.06%	57,545,455	17,724
PC	46,400	3	1	139,200	1	185,600	3	2,216	1.19%	28,772,727	8,862
TEC	28,030	80	0.3625	812,870	1	840,900	80	8,862	1.05%	115,090,909	35,448
EMCAL	25,536	3	1	76,608	1	102,144	3	2,068	2.02%	26,854,545	8,271
RICH	6,400	3	1	19,200	1	25,600	3	92	0.36%	1,198,173	369
TOF	2,048	3	1	6,144	1	8,192	3	98	1.20%	1,271,481	392
MUON T	19,680	12	1	236,160	1	255,840	2	479	0.19%	6,214,909	1,914
MUON ID	18,360	2	1	36,720	1	55,080	2	266	0.48%	3,452,727	1,063
Level 1								1,000		12,987,013	1,000
Level 2											
TOTAL	191,612			1,601,538		1,793,150		25,203		327,311,302	96,624

Au-Au min. dndy*dector coverage*layers*hits per layer* (samples per hits*word per samples+ address tage)

Data Volume after DCM , if no zero suppression, --->channel*(sample*words per sample+address tag)

Data volume before DCM ---> channel*sample*words per sample