HyperCP Yields

Triggers

	1997	1999	Total
Total triggers (10^9)	58	173	231
Cascade triggers (10^9)	39	90	129
Negative cascade triggers (10^9)	15	29	44
Positive cascade triggers (10^9)	24	61	85
Data volume (TB)	38	82	120
Tapes (Exabyte)	8,980	20,421	29,401

Reconstructed Events: Total

Mode	Parent particle polarity +	Parent particle polarity −	Total
$\Xi \to \Lambda\pi$	458×10^6	2032×10^6	2490×10^6
$\Omega \to \Lambda K$	4.86×10^6	14.11×10^6	18.97×10^6
$K \to 3\pi$	391×10^6	164×10^6	555×10^6
$K_s \to \pi^+\pi^-$	2025×10^6	693×10^6	2718×10^6

Reconstructed Events: Polarized

Angle	$\overline{\Xi}^+$	Ξ^-
+3.0 mrad	17.7×10^6	89.4×10^6
−3.0 mrad	10.2×10^6	75.1×10^6
+2.5 mrad	2.9×10^6	6.9×10^6
−2.5 mrad	2.1×10^6	6.0×10^6