

TRD – Comparison of parameters

Experiment	Radiator	Method	N. chan.	Area(m ²)	L (cm) / N	π_{rej}
HELIOS	foils	N	1744		70 / 8	2000
D0	foils	FADC	1536	11	33 / 3	50
NOMAD	foils	Q	1584	73	150 / 9	1000
HERMES	fibres	Q	3072	28	60 / 6	1400
PHENIX	foils	FADC	43 k	300	64 / 6	300
ATLAS	fo/fi	N,ToT	425 k	1130	51-78 / f.g.	100
ALICE	fibres	FADC	1.2 mil.	800	55 / 6	500