

Look up table: Luminosity/(nb·day)

Target: $n_t = 4 \cdot 10^{15} \text{ cm}^{-2}$

p [GeV/c]	E_{cm} [GeV]	L/(nb·d)			
		$2 \cdot 10^7$		$1 \cdot 10^6$	
		HL	HR	HESR	HESRr
1.5	2.25	6732	1073	627	788
2.5	2.60	9555	1170	737	917
3.5	2.93	11493	1230	809	997
4.5	3.22	13123	1322	895	1095
5.5	3.50	13475	1348	933	1133
6.5	3.75	13631	1363	961	1160
7.5	3.99	13722	1372	982	1179
8.5	4.22	13771	1377	998	1192
9.5	4.44	13790	1379	1010	1202
10.5	4.64	13791	1379	1020	1208
11.5	4.84	13778	1378	1028	1213
12.5	5.03	13757	1376	1034	1216
13.5	5.21	13730	1373	1039	1218
14.5	5.39	13698	1370	1043	1219
15.5	5.56	13663	1366	1047	1220

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https://panda.gsi.de/system/files/user_upload/s/k.goetzen/IN-IDE-2015-002.pdf