

Chisqds With - Without Absorber

Differences of Amplitude distributions normalised to 1 muon upstream

For each Absorber + Beam combination

- 1 Normalise up and downstream distributions to 1 muon upstream
- 2 Take difference of **upstream** distributions **With - Without Absorber**
- 3 Take difference of **downstream** distributions **With - Without Absorber**

Amplitude < 75 mm (run out of statistics at higher Amplitudes)
NDF 14

Absorber	No-Abs	Beam	Upstream		Downstream	
			Chisq	Prob	Chisq	Prob
LiH	Nothing	4	7.15	0.9288	72.25	7.54E-10
LiH	Nothing	6	14.78	0.3931	135.05	6.82E-22
LiH	Nothing	10	32.33	0.0036	115.39	5.01E-18
LH2	LH2 Empty	4	15.08	0.3726	60.81	8.47E-08
LH2	LH2 Empty	6	11.26	0.6657	129.86	7.25E-21
LH2	LH2 Empty	10	15.74	0.3293	83.07	7.59E-12
LH2 Empty	Nothing	4	13.56	0.4830	31.80	0.0043
LH2 Empty	Nothing	6	14.39	0.4210	15.10	0.3714
LH2 Empty	Nothing	10	14.59	0.4066	15.66	0.3345

