First Internship Results

Lorenzo Restrepo

Pre-Fit raw output

	event	success	t	x	У	z	goodness
0	0	True	-157.860846	416.511151	1074.219364	902.193036	-120.448553
1	1	True	-220.333346	-22.793884	378.454132	-239.080827	-4.999150
2	2	True	-142.753225	85.766400	0.477390	-7.322286	-846.442743
3	3	True	-141.415583	107.805655	2.753646	-17.064924	-842.775985
4	4	True	-209.218784	-33.699373	-105.303321	4.984660	-4.000066
##5						***	
95	95	True	-211.316702	0.061192	0.036225	0.001519	-1.000000
96	96	False	-142.086217	82.645483	2.291232	6.742762	-837.866585
97	97	True	-213.288143	77.860539	2.752638	-111.492628	-4.000000
98	98	False	-142.341946	97.586649	0.553517	-18.265578	-890.235360
99	99	True	-219.394705	14.654689	-60.648210	28.546740	-4.000005

Pre-Fit raw output

								Indicates if the
	event	success	t	×	у	2	goodness	minimization
0	o	True	-157.860846	416 511151	1074.219364	902.193036	- 120.448553	converged
1	- 1	True	220.333346	22.793884	378.454132	-239.080827	-4.999150	CONVELYEU
2	2	True	-142.753225	85.766400	0.477390	-7.322286	-846.442743	
3	3	True	- 141.415583	107.805655	2.753646	-17.064924	-842.775985	
4	4	True	209.218784	-33.699373	-105.303321	4.984660	-4.000066	hit $\sum_{i=1}^{n} (i)^2$
#**						••••)	***	$G(\mathbf{x},t) \equiv \sum \exp(-(T_{\rm res}^{*}/\sigma)^{2}/\sigma)$
95	<u>\$</u> 5	True	- <mark>211.316702</mark>	0.061192	0.036225	0.001519	-1.000000	$T^i = t - t - \mathbf{R}^i - \mathbf{r} / \mathbf{R}^i $
96	95	False	142.086217	82.645483	2.291232	6.742762	-837.856585	$r_{\rm res} = v_i - v - \mathbf{r}\mathbf{c}_{\rm PMT} - \mathbf{z} /2$
97	97	True	213.288143	77.860539	2.752638	-111.492628	-4.000000	
98	98	False	-142.341946	97.586649	0.553517	-18.265578	890.235360	
99	99	True	-219.394705	14.654689	-60.648210	28.545740	-4.000005	Reconstructed
								vertex position





Residuals vs Pre-Fit Goodness



Residuals vs Pre-Fit Goodness



Residuals vs Pre-Fit Goodness



Hit display











