

Resolutions

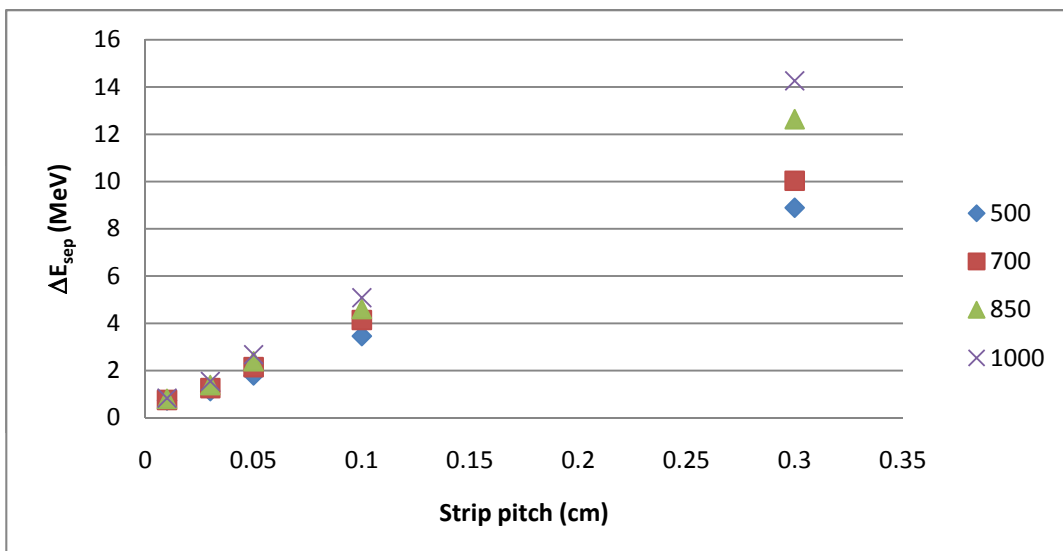
	500 MeV/u			700 MeV/u			850 MeV/u	
	ΔE_{sep}	$\Delta\theta$	Rad($\Delta\theta$)	ΔE_{sep}	$\Delta\theta$	Rad($\Delta\theta$)	ΔE_{sep}	$\Delta\theta$
0.01	0.734	0.06	0.001047	0.758	0.061	0.001065	0.801	0.058
0.03	1.127	0.169	0.00295	1.259	0.166	0.002897	1.384	0.175
0.05	1.791	0.35	0.006109	2.144	0.328	0.005725	2.39	0.342
0.1	3.457	0.653	0.011397	4.14	0.649	0.011327	4.6	0.65
0.3	8.89	1.699	0.029653	10.033	1.762	0.030753	12.636	1.756

Efficiency in %

Det	MeV/u			
Size (cm)	500	700	850	1000
20	18.93	7	2.99	1.38
30	48.94	29.37	19.03	12.13
40	72.56	53.2	41.27	31.16
50	85.35	71.47	60.34	50.11

Comparison with Oleg's table

Strip Pitch (cm)	Csl E(σ) (%)	Mine	Oleg
		ΔE_{sep} (MeV)	ΔE_{sep} (MeV)
0.1	3	4.8	4.1
0.1	1	4.9	4
0.05	1	2.3	2.2
0.05	0.5	2.2	2.1
0.01	1.5	0.7	N/A
0.01	0.5	0.6	0.5



1000 MeV/u

Rad($\Delta\theta$)	ΔE_{sep}	$\Delta\theta$	Rad($\Delta\theta$)
0.001012	0.83	0.059	0.00103
0.003054	1.545	0.176	0.003072
0.005969	2.674	0.323	0.005637
0.011345	5.083	0.662	0.011554
0.030648	14.262	1.841	0.032132

