

## 1.157GeV 2.5T Transverse

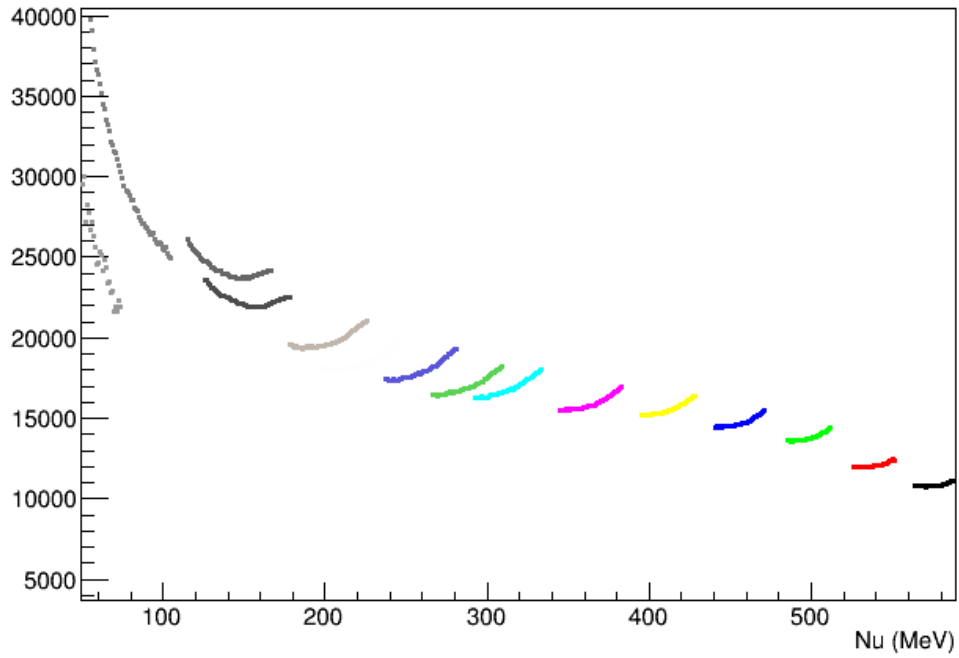
D1p (MeV)	Total runs	(currently) Usable runs	% usable statistics
1168	1	1	100%
1151	1	1	100%
1113	1	1	100%
1082	9	3	27.6%
1017	28	20	79.4%
1006	18	18	100%
956	22	22	100%
935	18	18	100%
898	24	22	90.7%
870	34	30	92.5%
844	22	22	100%
809	20	18	98.4%
794	18	18	100%
752	30	28	98.9%
746	11	11	100%
700	36	36	100%
659	11	11	100%
651	8	8	100%
619	7	7	100%
582	9	8	97.5%
563	2	2	100%
547	8	8	100%
523	2	2	100%

## 1.710GeV 2.5T Transverse

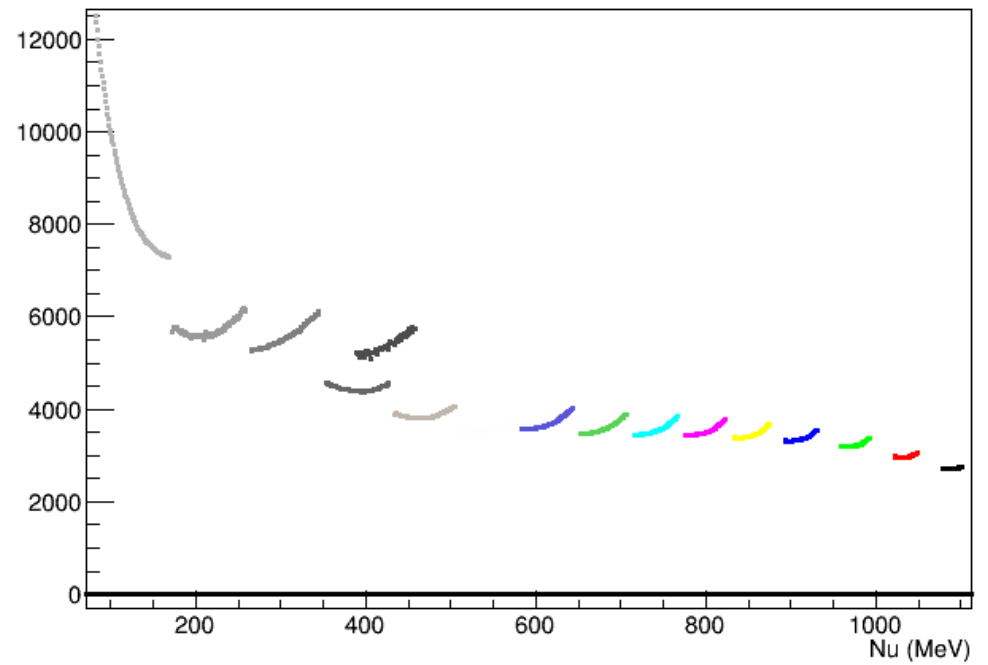
D1p (MeV)	Total runs	(currently) Usable runs	% usable statistics
1691	4	4	100%
1590	24	20	81.8%
1494	6	3	44.2%
1405	20	9	44.8%
1320	19	17	98.2%
1287	1	1	100%
1241	19	19	100%
1167	18	18	100%
1097	13	13	100%
1031	16	16	100%
969	15	15	100%
911	10	10	100%
856	10	10	100%
798	13	13	100%
676	6	6	100%
622	6	6	100%
572	5	5	100%
651	8	8	100%

# Normalized yields (with problem runs removed)

1157\_25T\_L Production Yield



1710\_25T\_L Production Yield



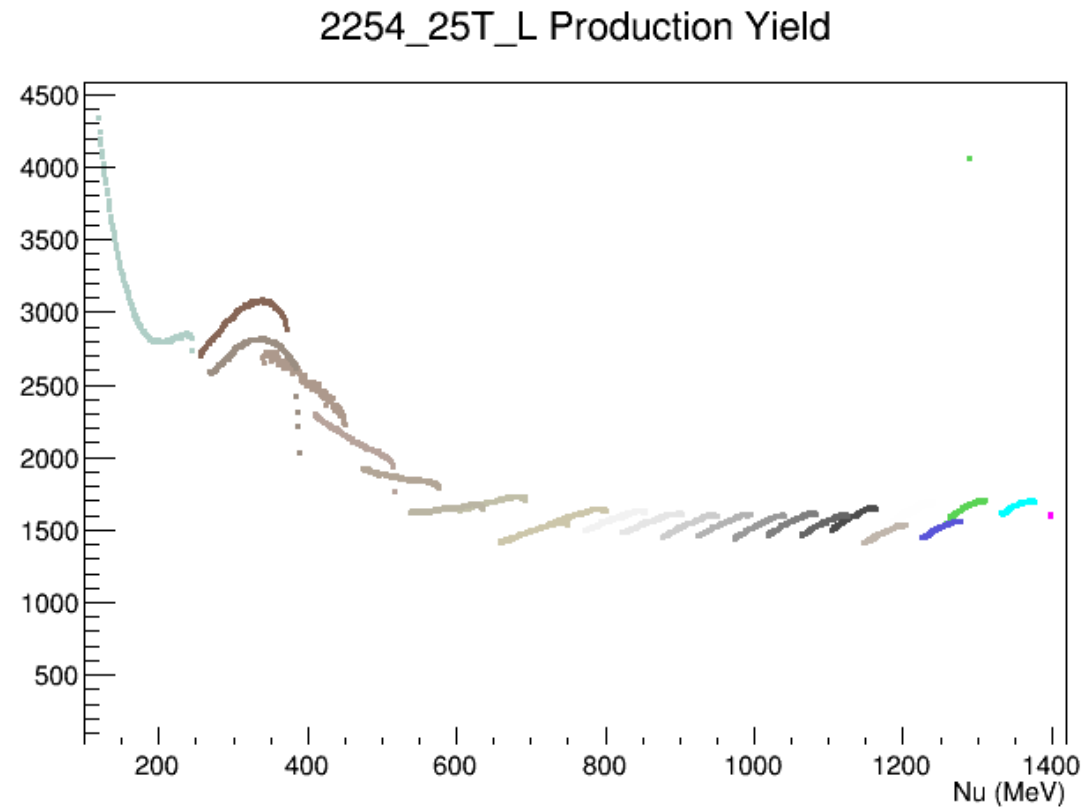
## 2.254GeV 2.5T Transverse

D1p (MeV)	Total runs	(currently) Usable runs	% usable statistics
2228	16	13	83.8%
2072	27	16	59.4%
1940	12	12	100%
1927	25	25	100%
1859	6	6	100%
1792	21	13	55.8%
1729	8	8	100%
1667	8	8	100%
1608	10	10	100%
1550	11	10	88.5%
1496	6	6	100%
1441	9	4	51.1%
1391	6	6	100%
1340	10	10	100%
1294	7	7	100%
1247	14	13	91.6%
1203	7	7	100%
1159	10	10	100%
1119	3	3	100%
1078	3	3	100%
1041	4	4	100%
1003	8	5	68.8%
968	3	3	100%

## Cont.

D1p (MeV)	Total runs	(currently) Usable runs	% usable statistics
900	4	4	100%
837	5	5	100%
778	4	4	100%
724	4	4	100%
673	4	4	100%
626	3	3	100%
582	4	4	100%
541	2	2	100%

# Normalized yields (with problem runs removed)



## 2.254GeV 5T Longitudinal

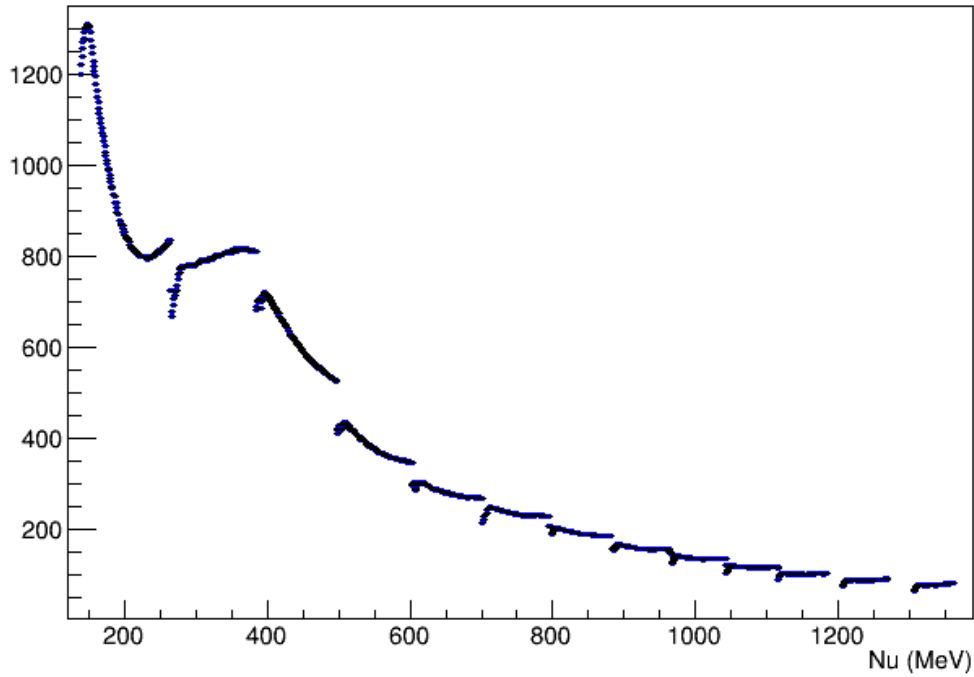
D1p (MeV)	Total runs	(currently) Usable runs	% usable statistics
2227	28	26	97.0%
2049	65	63	97.4%
1885	40	38	97.1%
1734	2	2	100%
1596	2	2	100%
1468	13	9	65.5%
1350	5	5	100%
1269	6	6	100%
1193	6	6	100%
1121	5	5	100%
1054	6	6	100%
991	1	1	100%

## 2.254GeV 5T Transverse

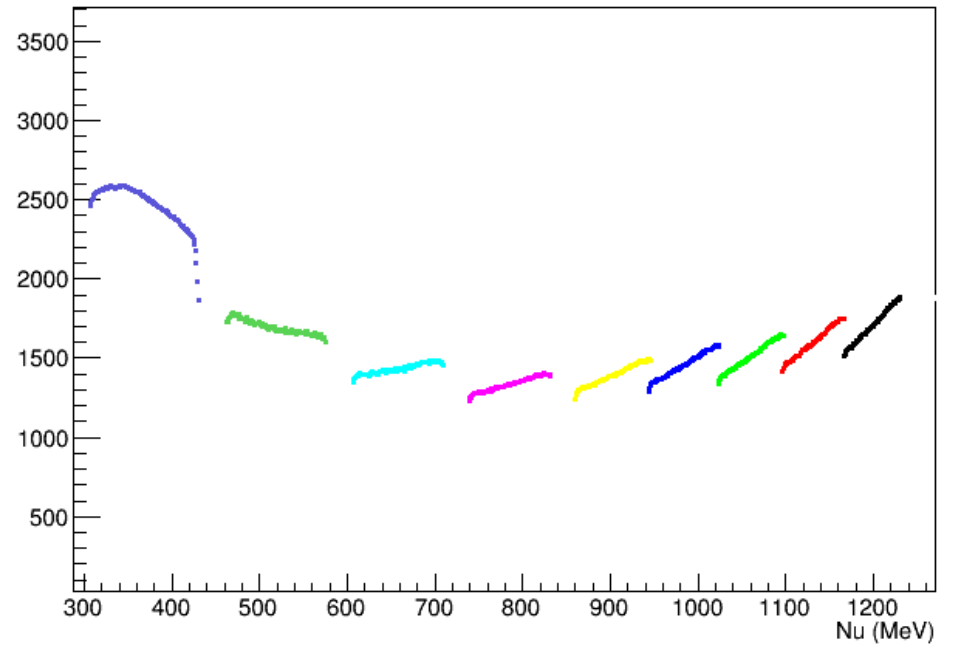
D1p (MeV)	Total runs	(currently) Usable runs	% usable statistics
2228	27	24	91.8%
2050	9	9	100%
1927	8	8	100%
1811	9	9	100%
1702	6	6	100%
1600	7	4	45.2%
1504	7	7	100%
1414	5	5	100%
1329	4	4	100%
1249	3	3	100%
1174	2	2	100%
1104	1	1	100%
1016	1	1	100%
919	1	1	100%

# Normalized yields (with problem runs removed)

2.254GeV 5T Transverse Left Arm Normalized Yields (dilution runs)



2254\_5T\_long\_L Production Yield



## Conclusions

- Still have a good amount of statistics at each setting.
- Beam position correction is required to fix beam drifting between settings.
- 3.350GeV...
  - 3 out of 7 p0 settings have 0 statistics because of beam drift throughout entire setting.
  - Still not sure how to address this. (more info is on the wiki)