

Septa Current Scan 12/21 ~~8~~ Swing.

$P_0 = 1.70003 \text{ GeV}$

475A

~~2114~~

21203

X dipole not set

455A

2115

21204

X

445A

2116

21205

X

435A

2117

21206

X

425A

2118

21207

X

415A

2119

21208

X

Q1 Current

+5% Q1 892.29
(884)

~~21201~~

~~2121~~

21209 X

21210 X

right

-5% 807.308
(800.351) ✓

~~2122~~

21211 X

wrong

~~2120~~

0% 849.798
(842.7)

2114

10% 934.7778
(926.658)

2134

21222 X

8% 917.7818
(909.726)

2136

21224 X

15% 977.2677 (968.689)

~~2138~~

21226

2139

20%	1019.7576 (1010.773)	2140
25%	1062.2474 (1053.231)	2141
		2142
30%	1104.7374 (1095.048)	2143
40%	1189.7172 (1179.217)	2144
		hurt 0. x now.
50%	1274.697 (1263.813)	2145
35%	1147.2273 (1137.079)	2146
		hurt 0. x too
		2147.

keep Q1	30%	
Q2	694.573	
-5%	659.845 (657.06)	2148

-10%		
-2%	680.6815 (677.89)	2151

keep Q2	-2%	
Q3	-5%	777.7433 (776.94)
		2152
Q3	+5%	859.611 (858.63)
		2153
Q3	-2%	802.3036 (801.45)
		2156