

Cerenkov Pressure Scan

Cerenkov pressure scan

Links

[Good Runs](#)

0degree 20GeV

Run	Particle	Energy	Impact point	BeamXYdir	Cerenkov pressure	BtSysTest	Prune Directory	Comment
BT-2082-v7r1117p1-GLAST-0b	Electrons	20.0 GeV	(203.4, 34.7)	(0.70 0.33)	(0.001)	None	prune v7r1117p1	p = 0.001 bars
BT-2082-v7r1117p1-GLAST-0.1b	Electrons	20.0 GeV	(203.4, 34.7)	(0.70 0.33)	(0.1)	None	prune v7r1117p1	p = 0.1 bars
BT-2082-v7r1117p1-GLAST-0.5b	Electrons	20.0 GeV	(203.4, 34.7)	(0.70 0.33)	(0.5)	None	prune v7r1117p1	p = 0.5 bars
BT-2082-v7r1117p1-GLAST	Electrons	20.0 GeV	(203.4, 34.7)	(0.70 0.33)	(1.0)	Data-v6r0922p4_GLAST-v7r1117p1 - GLAST-v6r0925p2_GLAST-v7r1117p1	prune v7r1117p1	p = 1.0 bars Correct One
BT-2082-v7r1117p1-GLAST-2b	Electrons	20.0 GeV	(203.4, 34.7)	(0.70 0.33)	(2.0)	None	prune v7r1117p1	p = 2.0 bars
BT-2082-v7r1117p1-GLAST-5b	Electrons	20.0 GeV	(203.4, 34.7)	(0.70 0.33)	(5.0)	None	prune v7r1117p1	p = 5.0 bars
BT-2082-v7r1117p1-GLAST-10b	Electrons	20.0 GeV	(203.4, 34.7)	(0.70 0.33)	(10.0)	None	prune v7r1117p1	p = 10 bars

30degrees 20GeV

Run	Particle	Energy	Impact point	BeamXYdir	Cerenkov pressure	BtSysTest	Prune Directory	Comment
BT-2096-v7r1117p1-GLAST-0b	Electrons	20GeV	(192.20, 34.00)	(30.3, 0.27)	0	None	prune v7r1117p1	p = 0.001 bars
BT-2096-v7r1117p1-GLAST-0.1b	Electrons	20GeV	(192.20, 34.00)	(30.3, 0.27)	0.1	None	prune v7r1117p1	p = 0.1 bars
BT-2096-v7r1117p1-GLAST-0.5b	Electrons	20GeV	(192.20, 34.00)	(30.3, 0.27)	0.5	None	prune v7r1117p1	p = 0.5 bars
BT-2096-v7r1117p1-GLAST	Electrons	20GeV	(192.20, 34.00)	(30.3, 0.27)	(1.0)	Data-v6r0922p4_GLAST-v7r1117p1 - GLAST-v6r0925p2_GLAST-v7r1117p1	prune v7r1117p1	Standard
BT-2096-v7r1117p1-GLAST-2b	Electrons	20GeV	(192.20, 34.00)	(30.3, 0.27)	2	None	prune v7r1117p1	p = 2 bars
BT-2096-v7r1117p1-GLAST-5b	Electrons	20GeV	(192.20, 34.00)	(30.3, 0.27)	5	None	prune v7r1117p1	p = 5 bars
BT-2096-v7r1117p1-GLAST-10b	Electrons	20GeV	(192.20, 34.00)	(30.3, 0.27)	10	None	prune v7r1117p1	p = 10 bars

0degree 100GeV

Run	Particle	Energy	Impact point	BeamXYdir	Cerenkov pressure	BtSysTest	Prune Directory	Comment
BT-1981-v7r1117p1-GLAST-0b	Electrons	99.0 GeV	(203.7, 38.3)	(-0.13 0.33)	0	None	prune v7r1117p1	p = 0.001 bars
BT-1981-v7r1117p1-GLAST-0.1b	Electrons	99.0 GeV	(203.7, 38.3)	(-0.13 0.33)	0.1	None	prune v7r1117p1	p = 0.1 bars
BT-1981-v7r1117p1-GLAST-0.5b	Electrons	99.0 GeV	(203.7, 38.3)	(-0.13 0.33)	0.5	None	prune v7r1117p1	p = 0.5 bars
BT-1981-v7r1117p1-GLAST	Electrons	99.0 GeV	(203.7, 38.3)	(-0.13 0.33)	(1.2) ?	Data-v6r0922p4_GLAST-v7r1117p1	prune v7r1117p1	Standard
BT-1981-v7r1117p1-GLAST-2b	Electrons	99.0 GeV	(203.7, 38.3)	(-0.13 0.33)	2	None	prune v7r1117p1	p = 2 bars
BT-1981-v7r1117p1-GLAST-5b	Electrons	99.0 GeV	(203.7, 38.3)	(-0.13 0.33)	5	None	prune v7r1117p1	p = 5 bars
BT-1981-v7r1117p1-GLAST-10b	Electrons	99.0 GeV	(203.7, 38.3)	(-0.13 0.33)	10	None	prune v7r1117p1	p = 10 bars

30degrees 100GeV

Run	Particle	Energy	Impact point	BeamXYdir	Cerenkov pressure	BtSysTest	Prune Directory	Comment
BT-1999-v7r1117p1-GLAST-0b	Electrons	99GeV	(203.80, 37.40)	(30.1, 0.22)	0 bar	None	prune v7r1117p1	0 bar
BT-1999-v7r1117p1-GLAST-0.1b	Electrons	99GeV	(203.80, 37.40)	(30.1, 0.22)	0.1 bars	None	prune v7r1117p1	0.1 bars
BT-1999-v7r1117p1-GLAST-0.5b	Electrons	99GeV	(203.80, 37.40)	(30.1, 0.22)	0.5 bars	None	prune v7r1117p1	0.5 bars
BT-1999-v7r1117p1-GLAST	Electrons	99GeV	(203.80, 37.40)	(30.1, 0.22)	(1.2) ?	Data-v6r0922p4_GLAST-v7r1117p1 - GLAST-v6r0925p2_GLAST-v7r1117p1	prune v7r1117p1	

BT-1999-v7r1117p1-GLAST-2b	Electron s	99GeV	(203.80, 37.40)	(30.1, 0.22)	2 bar	None	prune v7r1117p1	2 bar
BT-1999-v7r1117p1-GLAST-5b	Electron s	99GeV	(203.80, 37.40)	(30.1, 0.22)	5 bars	None	prune v7r1117p1	5 bars
BT-1999-v7r1117p1-GLAST-10b	Electron s	99GeV	(203.80, 37.40)	(30.1, 0.22)	10 bars	None	prune v7r1117p1	10 bars

50GeV - All Angles - All Pressures

Run	Particle	Energy	Impact point	BeamXYdir	Cerenkov pressure	BtSysTest	Prune Directory	Comment
BT-2039-v7r1117p1-GLAST-0b	Electron s	50.0 GeV	none	0	0	None	prune v7r1117p1	p = 0 bars
BT-2044-v7r1117p1-GLAST-0b	Electron s	50.0 GeV	none	10	0	None	prune v7r1117p1	p = 0 bars
BT-2050-v7r1117p1-GLAST-0b	Electron s	50.0 GeV	none	20	0	None	prune v7r1117p1	p = 0 bars
BT-2054-v7r1117p1-GLAST-0b	Electron s	50.0 GeV	none	30	0	None	prune v7r1117p1	p = 0 bars
BT-2039-v7r1117p1-GLAST-0.1 b	Electron s	50.0 GeV	none	0	0.1	None	prune v7r1117p1	p = 0.1 bars
BT-2044-v7r1117p1-GLAST-0.1 b	Electron s	50.0 GeV	none	10	0.1	None	prune v7r1117p1	p = 0.1 bars
BT-2050-v7r1117p1-GLAST-0.1 b	Electron s	50.0 GeV	none	20	0.1	None	prune v7r1117p1	p = 0.1 bars
BT-2054-v7r1117p1-GLAST-0.1 b	Electron s	50.0 GeV	none	30	0.1	None	prune v7r1117p1	p = 0.1 bars
BT-2039-v7r1117p1-GLAST-0.5 b	Electron s	50.0 GeV	none	0	0.5	None	prune v7r1117p1	p = 0.5 bars
BT-2044-v7r1117p1-GLAST-0.5 b	Electron s	50.0 GeV	none	10	0.5	None	prune v7r1117p1	p = 0.5 bars
BT-2050-v7r1117p1-GLAST-0.5 b	Electron s	50.0 GeV	none	20	0.5	None	prune v7r1117p1	p = 0.5 bars
BT-2054-v7r1117p1-GLAST-0.5 b	Electron s	50.0 GeV	none	30	0.5	None	prune v7r1117p1	p = 0.5 bars
BT-2039-v7r1117p1-GLAST	Electron s	49.9 GeV	(203.6, 36.3)	(0.20 0.33)	(1.0)	Data-v6r0922p4_GLAST-v7r1117p1 - GLAST-v6r0925p2_GLAST-v7r1117p1	prune v7r1117p1	Nom. p=1bar
BT-2044-v7r1117p1-GLAST	Electron s	50GeV	(203.6 36.1)	(10.20 0.33)	(1.0)	Data-v6r0922p4_GLAST-v7r1117p1 - GLAST-v6r0925p2_GLAST-v7r1117p1	prune v7r1117p1	Nom. p=1bar
BT-2050-v7r1117p1-GLAST	Electron s	50GeV	(205.0 35.4)	(20.20 0.31)	(1.0)	Data-v6r0922p4_GLAST-v7r1117p1 - GLAST-v6r0925p2_GLAST-v7r1117p1	prune v7r1117p1	Nom. p=1bar
BT-2054-v7r1117p1-GLAST	Electron s	50GeV	(203.70, 35.20)	(30.2, 0.31)	(1.0)	Data-v6r0922p4_GLAST-v7r1117p1	prune v7r1117p1	Nom. p=1bar
BT-2039-v7r1117p1-GLAST-2b	Electron s	50.0 GeV	none	0	2	None	prune v7r1117p1	p = 2 bars
BT-2044-v7r1117p1-GLAST-2b	Electron s	50.0 GeV	none	10	2	None	prune v7r1117p1	p = 2 bars
BT-2050-v7r1117p1-GLAST-2b	Electron s	50.0 GeV	none	20	2	None	prune v7r1117p1	p = 2 bars
BT-2054-v7r1117p1-GLAST-2b	Electron s	50.0 GeV	none	30	2	None	prune v7r1117p1	p = 2 bars
BT-2039-v7r1117p1-GLAST-5b	Electron s	50.0 GeV	none	0	5	None	prune v7r1117p1	p = 5 bars
BT-2044-v7r1117p1-GLAST-5b	Electron s	50.0 GeV	none	10	5	None	prune v7r1117p1	p = 5 bars
BT-2050-v7r1117p1-GLAST-5b	Electron s	50.0 GeV	none	20	5	None	prune v7r1117p1	p = 5 bars
BT-2054-v7r1117p1-GLAST-5b	Electron s	50.0 GeV	none	30	5	None	prune v7r1117p1	p = 5 bars
BT-2039-v7r1117p1-GLAST-10b	Electron s	50.0 GeV	none	0	10	None	prune v7r1117p1	p = 10 bars
BT-2044-v7r1117p1-GLAST-10b	Electron s	50.0 GeV	none	10	10	None	prune v7r1117p1	p = 10 bars
BT-2050-v7r1117p1-GLAST-10b	Electron s	50.0 GeV	none	20	10	None	prune v7r1117p1	p = 10 bars
BT-2054-v7r1117p1-GLAST-10b	Electron s	50.0 GeV	none	30	10	None	prune v7r1117p1	p = 10 bars