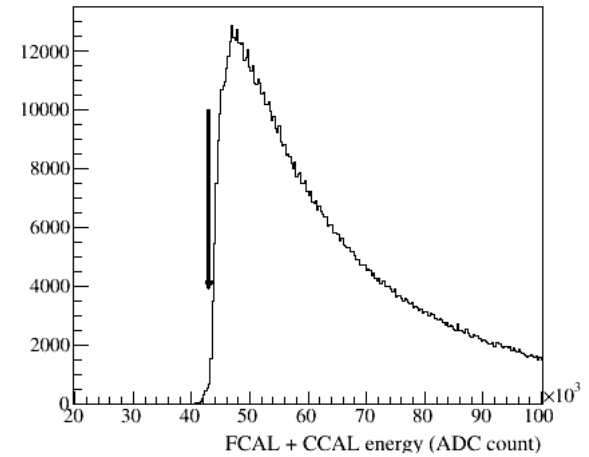
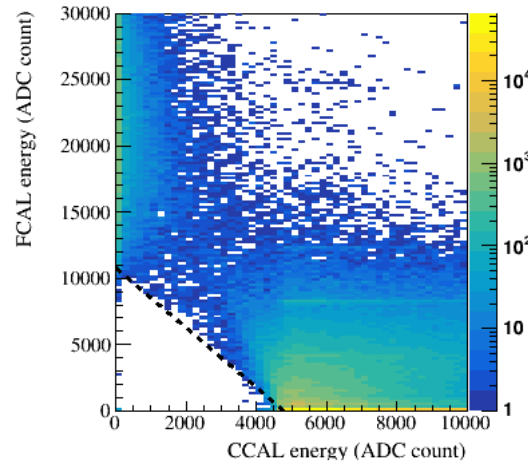
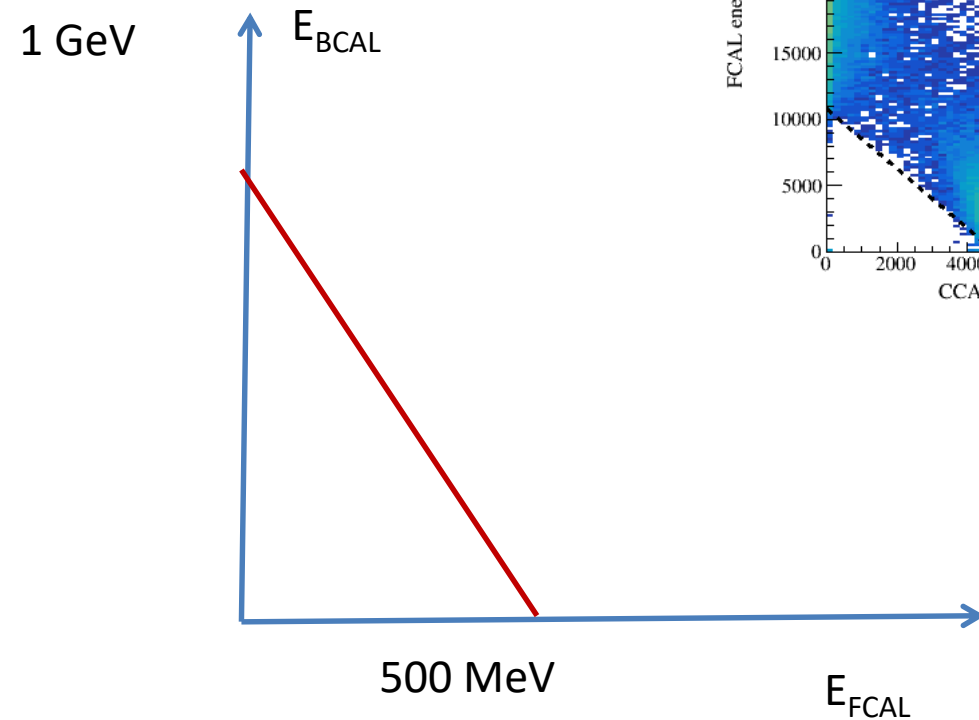


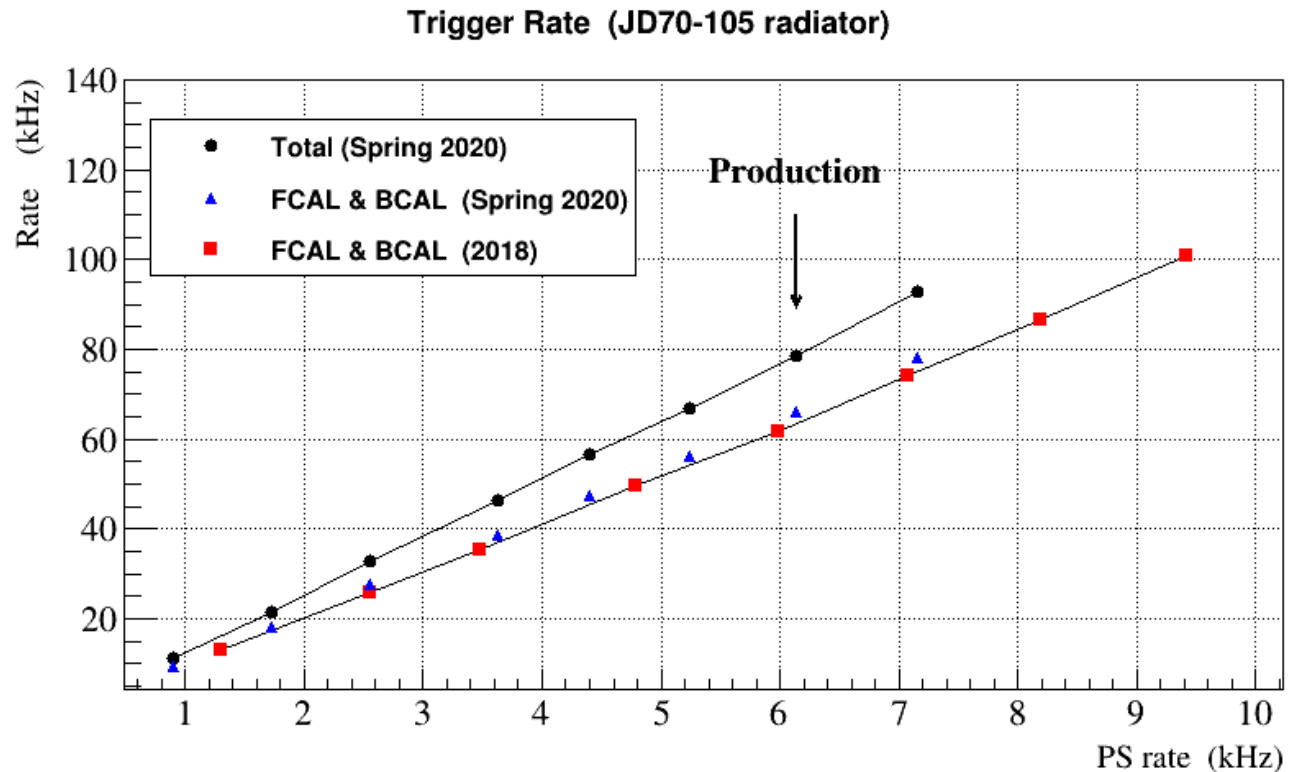
Main Production Trigger for GlueX

$$E_{\text{FCAL}} + 0.5 \cdot E_{\text{BCAL}} > 0.5 \text{ GeV}$$

$$E_{\text{FCAL}} > 0$$



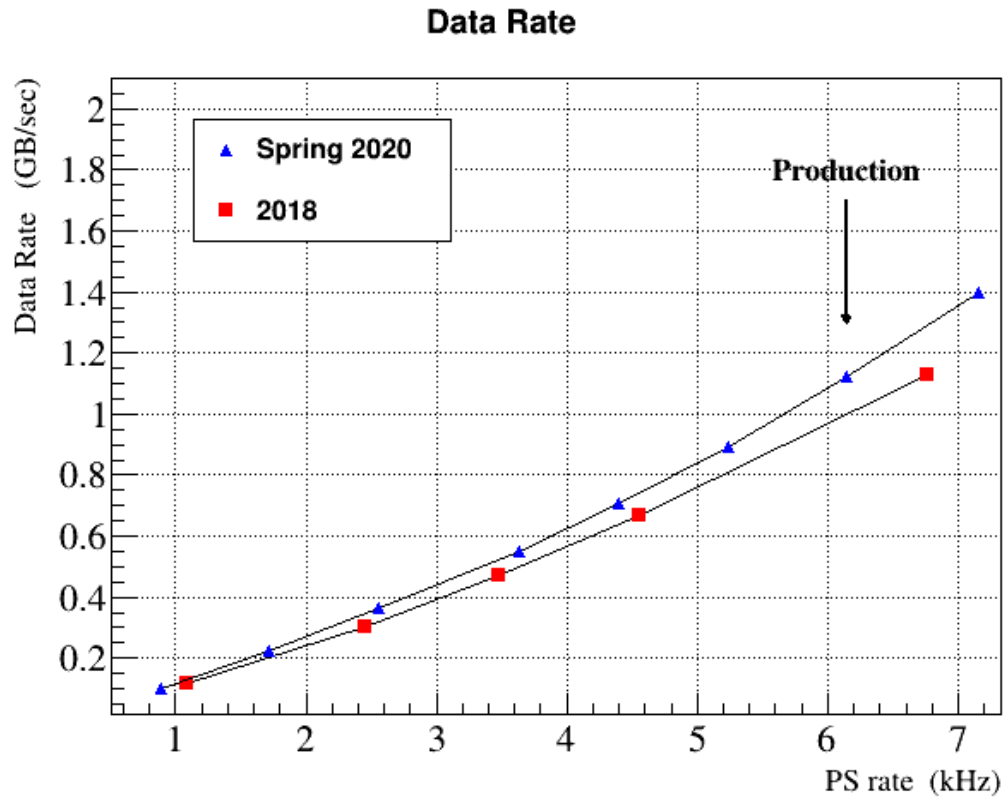
GlueX Trigger Rate: Spring 2020



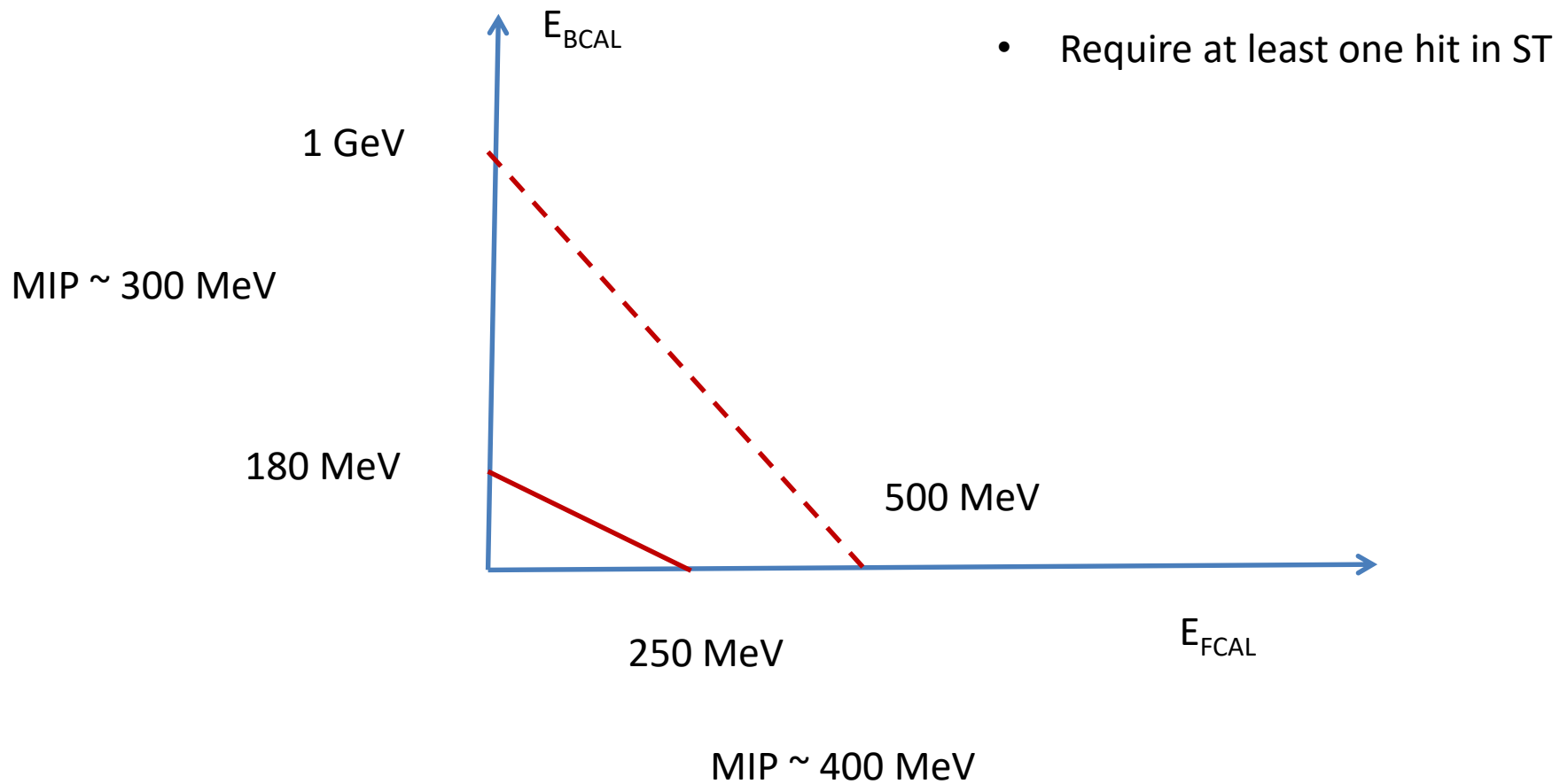
Main production triggers: FCAL & BCAL, PS

trigger rate in production runs (350 nA, JD70-105 radiator) is about 80 kHz

GlueX Data Rate: Spring 2020



Trigger for SRC



Trigger for SRC

Control Sessions Configurations Options Expert User Help

Start Time: 02/23/20 19:27:13 End Time: 0

Run Parameters: Expid: hdops Session: hdops Configuration: hd_all.tsg_DIRC_CC_HL

Output File: /gluondaqfs/hdops/CDAQ/daq_dev_v0.31/DATA/hd_rawdata_071932_022.evio

User RTV %(config): /gluondaqfs/hdops/CDAQ/daq_dev_v0.31/daq/config/hd_all/FCAL_BCAL_PS_SRC_m9.conf

User RTV %(dir): unset

Run Status: Run Number: 71932 Run State: active Event Limit: 0

Watch Component: ERsoftROC Data Limit: 0

Total Events: 34,611,477 Time Limit (min.): 0

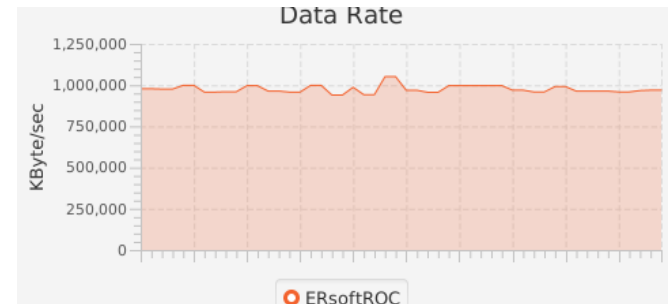
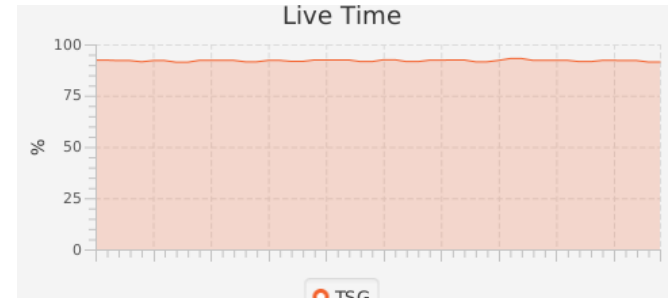
Name	State	ErrRate	DataRate	IntErrRate	IntDataRate
ERsoftROC	active	70980.5	996821.2	13551.5	188255.2
SEB0	active	71580.0	995707.2	13555.4	188311.0
ROCBAL3	active	1765.5	18546.4	339.4	-3104.7
DCFDC	active	69020.0	314038.2	13572.9	61655.7
DCFAL	active	70380.0	30816.5	13558.5	5948.1
ROCFAL7	active	1771.5	2211.0	339.1	418.7
ROCCDC4	active	1764.5	19973.0	339.4	-2961.2
ROCCDC1	active	1751.5	20149.8	340.0	-2923.1
ROCF52	active	1749.0	50331.2	339.8	3159.4
DCTAG	active	71624.2	250738.7	13568.2	47379.5
ROCFAL9	active	1750.0	2246.8	339.7	441.9
ROCFDC7	active	1751.5	25562.6	340.0	-1712.7
ROCBAL14	active	0.0	0.0	0.0	0.0
ROCFAL4	active	1766.0	2263.3	339.4	428.4
ROCBAL10	active	1771.5	6981.5	339.0	1366.2
ROCTOF3	active	0.0	0.0	0.0	0.0
ROCBAL11	active	1752.5	7324.9	340.1	1360.5

Client Data Live Time LDRs InB OutB

Event Rate

Data Rate

Name	Message	Time	Severity
SEB0	Emu SEB0 go: waiting for PRESTART event in module EbModule (client msg)	19:27:04 02/23	INFO
DCFDC	Emu DCFDC go: waiting for PRESTART event in module EbModule (client msg)	19:27:06 02/23	INFO
DCTAG	Emu DCTAG go: waiting for PRESTART event in module EbModule (client msg)	19:27:06 02/23	INFO
DCBCAL	Emu DCBCAL go: waiting for PRESTART event in module EbModule (client msg)	19:27:06 02/23	INFO
DCDCDCSTPS	Emu DCDCDCSTPS go: waiting for PRESTART event in module EbModule (client msg)	19:27:06 02/23	INFO
DCFAL	Emu DCFAL go: waiting for PRESTART event in module EbModule (client msg)	19:27:06 02/23	INFO
sms_hd_all.tsg_DIRC_CC_HL	Done process = hd_all.tsg_DOWNLD	19:27:12 02/23	INFO
sms_hd_all.tsg_DIRC_CC_HL	Done process = hd_all.tsg_PIE	19:27:12 02/23	INFO
sms_hd_all.tsg_DIRC_CC_HL	Starting process = hd_all.tsg_RCDB	19:27:12 02/23	INFO
sms_hd_all.tsg_DIRC_CC_HL	Periodic script (/gluondaqfs/hdops/CDAQ/daq_dev_v0.31/daq/scripts/run_update_rcdb %(m) cMsg://...	19:27:12 02/23	INFO
sms_hd_all.tsg_DIRC_CC_HL	Done process = hd_all.tsg_RCDB	19:27:12 02/23	INFO
sms_hd_all.tsg_DIRC_CC_HL	Done process = hd_all.tsg_END	19:27:12 02/23	INFO
sms_hd_all.tsg_DIRC_CC_HL	Starting process = hd_all.tsg_GO	19:27:12 02/23	INFO
sms_hd_all.tsg_DIRC_CC_HL	Script (/gluondaqfs/hdops/CDAQ/daq_dev_v0.31/daq/scripts/run_go_71932 cMsg://gluon41.lab.org:...	19:27:12 02/23	INFO
sms_hd_all.tsg_DIRC_CC_HL	Done process = hd_all.tsg_GO	19:27:13 02/23	INFO
sms_hd_all.tsg_DIRC_CC_HL	Go succeeded.	19:27:13 02/23	INFO



Trigger rate: 78 kHz GlueX rate: 80 kHz