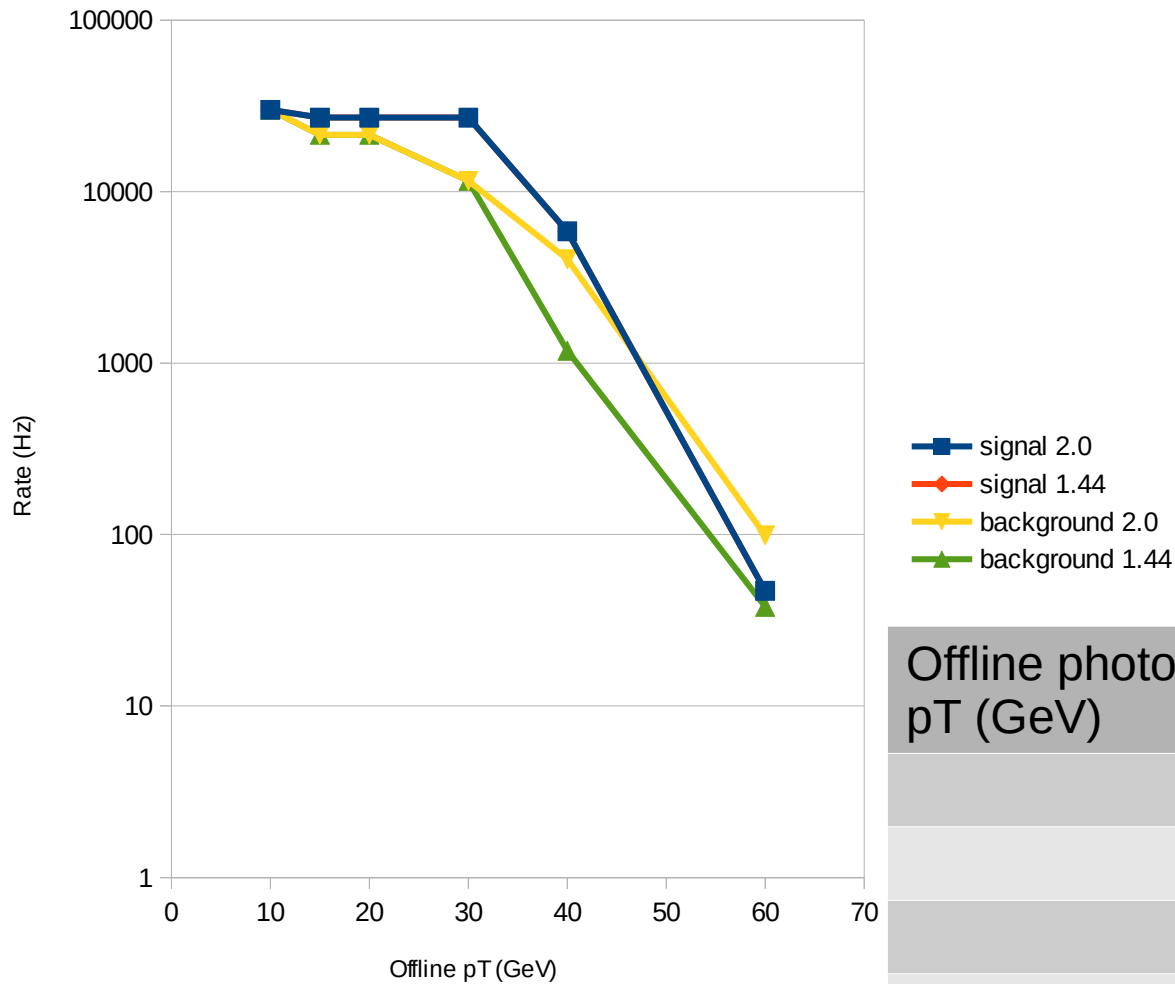


L1 Photons

- Thanks Matt and Ta-Wei:
 - New samples shown today (50k events each)
 - Signal-photon 30
 - background-photon 30, 50
 - New samples in-the-works (50k events each)
 - signal-photon 50
 - Z-jet (to evaluate di-egamma triggers at L1 and HLT)
- Increasing photon statistics necessarily reduces thresholds for 100% efficiency
 - photon40 probably needs L1 prescale
 - photon60 still very safe
 - will investigate photon50 ASAP
 - may have to accept <100% efficiency, investigating bias ASAP

L1 Photons



- signal = AllQCDDPhoton30
- background = EmEnrichedDijet30 + 50
- signal and background performance are similar (no surprises later at analysis level)
- 2.0, 1.44 refer to offline eta cut (not L1 eta cut)

Offline photon pT (GeV)	L1 Seed	signal 2.0 rate (Hz)
10	0	30000
15	1	27015
20	1	27015
30	1	27015
40	11	5860.17
60	30	46.9393

L1 Jets

- Overlapping-jet guard is implemented in emulator, causes NO change to leading jet spectra (single-jet rates unchanged)
- People interested in multi-jet L1 triggers should discuss with L1 group (request trigger bits) as soon as possible

akPu4CaloJet pT (GeV)	L1 Seed	L1 rate (Hz)
30	4	22451.9
40	4	22451.9
50	8	16609
60	16	9328.46
70	20	6853.18
80	28	2922.61
90	32	1585.08
100	40	383.258
110	48	112.984
120	56	44.3044
130	64	22.0698
140	68	16.7994