

Table of Contents

General.....	1
Energy vs. Cell.....	2
Central trigger.....	2
EMCal (gamma) trigger.....	2
E/p vs. track matching cut.....	3
E-p for electron candidates.....	4
E-p vs. Energy.....	4
E-p distributions for # of matched track / cluster cuts.....	4
E-p distribution (Profile).....	5
E-p for electron candidates (charge dependence).....	6
electrons.....	6
E-p vs. Energy.....	6
E-p distributions for # of matched track / cluster cuts.....	6
# of match = 1.....	6
# of match = 2.....	7
# of match = 3.....	7
positrons.....	7
E-p vs. Energy.....	7
E-p distributions for # of matched track / cluster cuts.....	8
# of match = 1.....	8
# of match = 2.....	8
# of match = 3.....	9

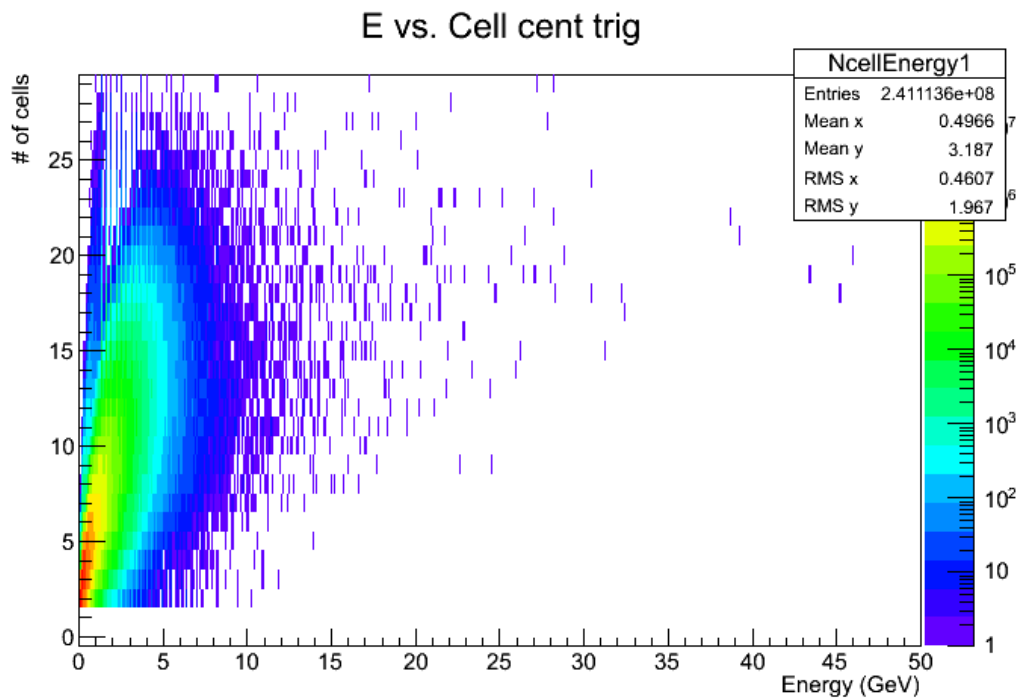
General

- trigger selection ; central trigger (centrality 0 - 10 %)
- dE/dx cuts in this analysis is 72 - 90 (see dE/dx vs. E/p)
- E/p cut ; nSigma base

Energy vs. Cell

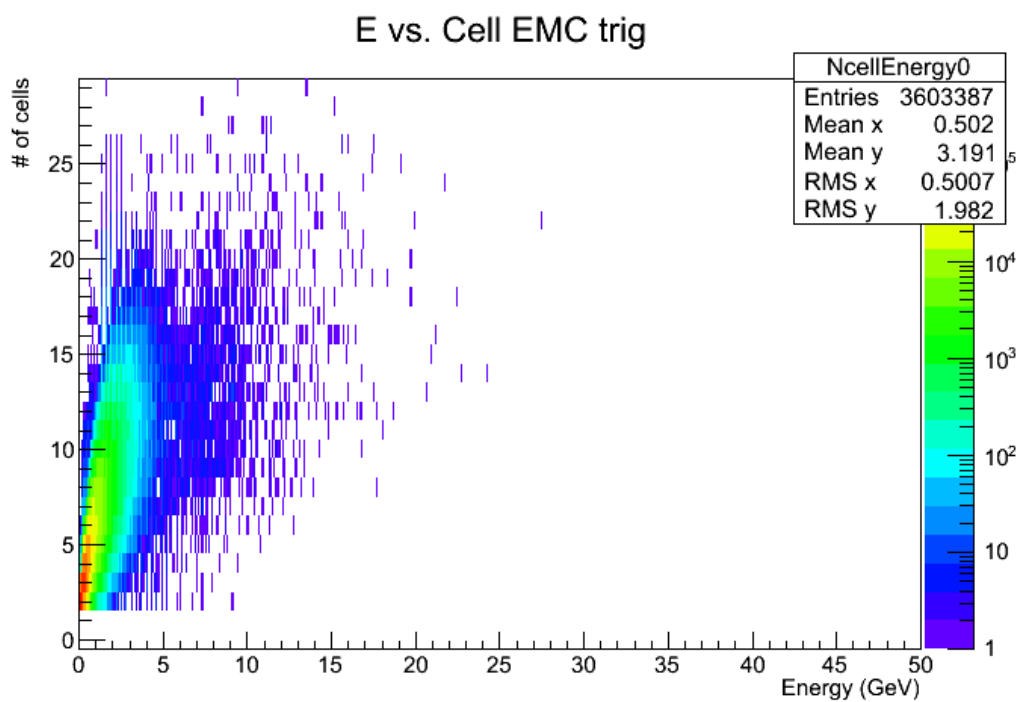
- Checked exotic clusters in the sample

Central trigger



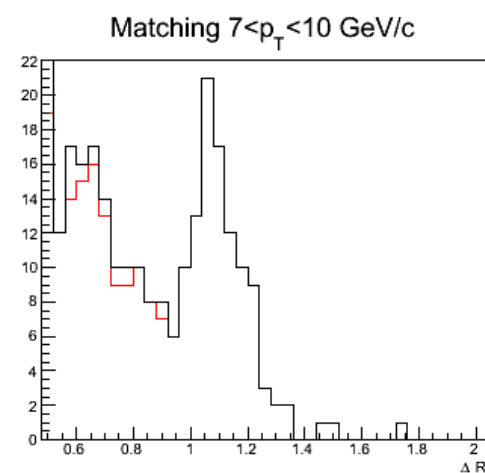
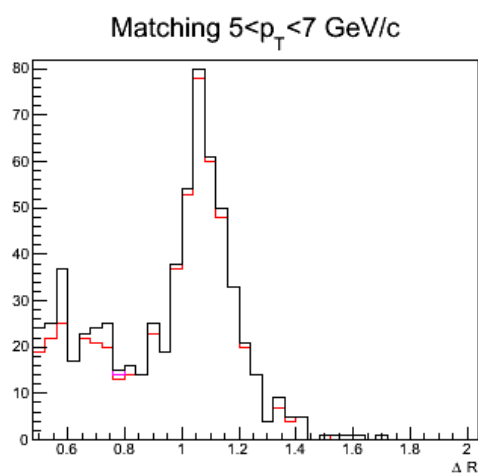
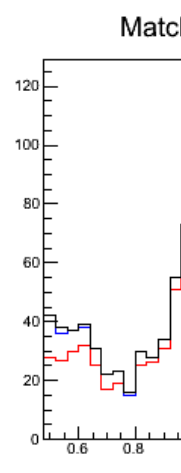
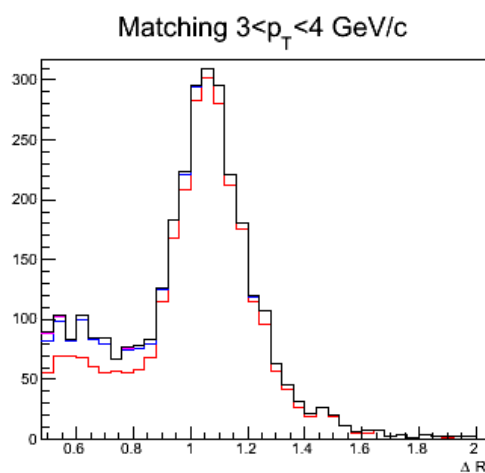
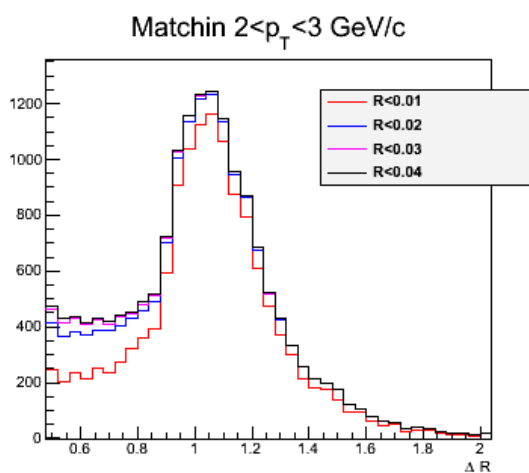
EMCal (gamma) trigger

- integrated all centrality



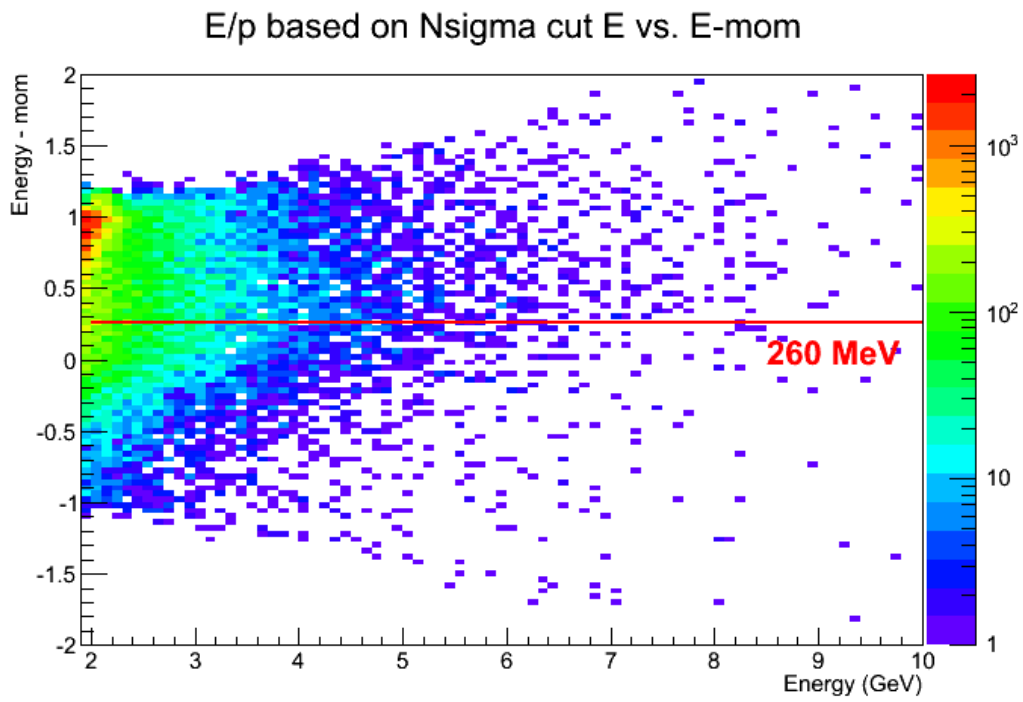
E/p vs. track matching cut

- E/p for electron candidates (passed dE/dx cut)
- apply cut track matching cuts $R < 0.01$, $R < 0.02$, $R < 0.03$ & $R < 0.04$

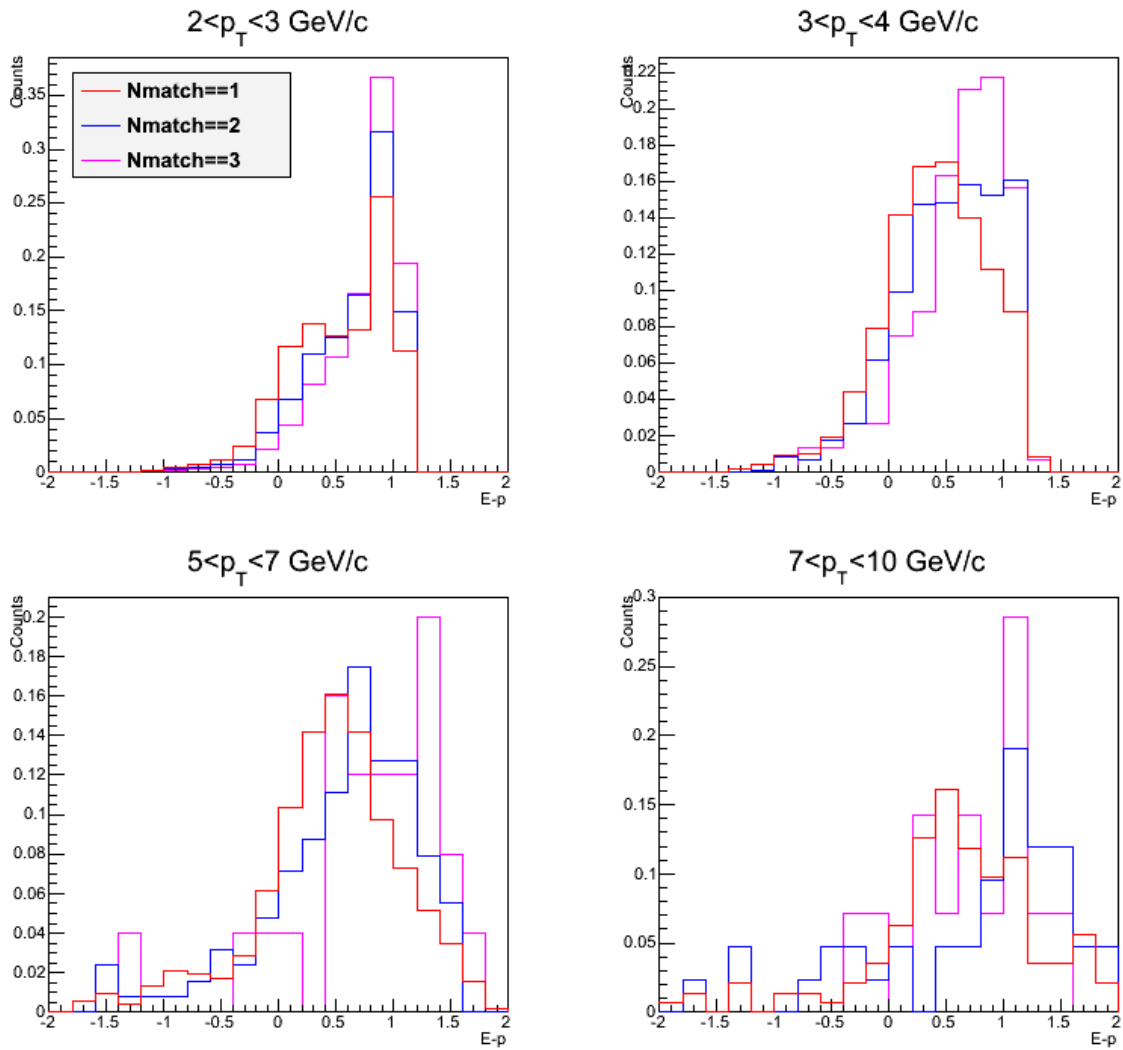


E-p for electron candidates

E-p vs. Energy

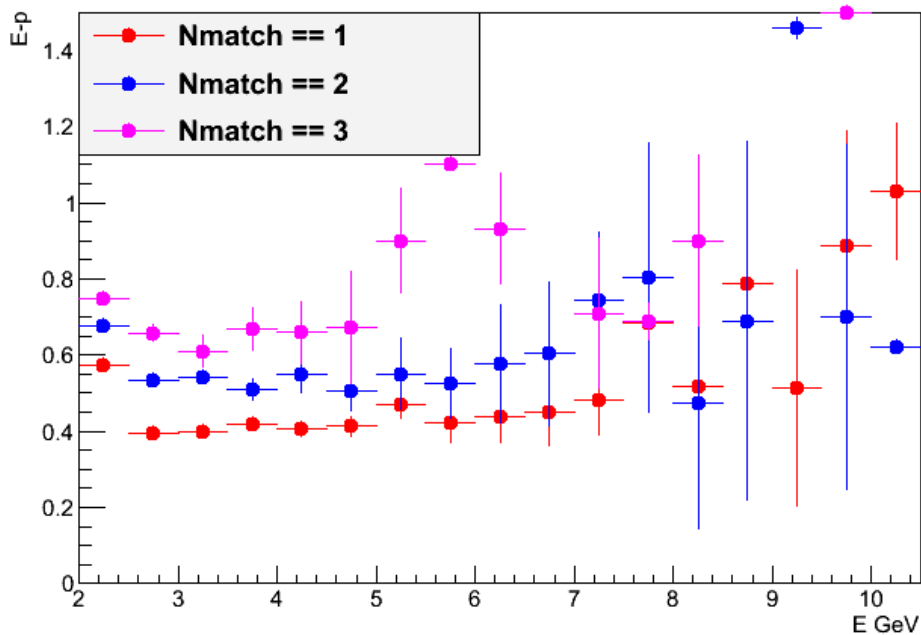


E-p distributions for # of matched track / cluster cuts



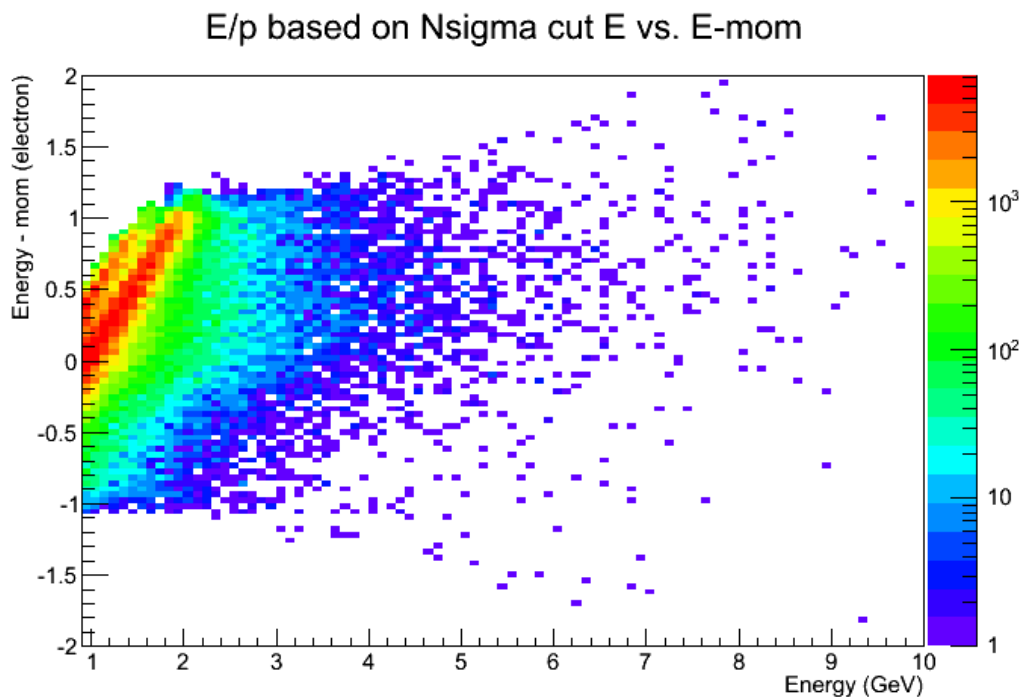
E-p distribution (Profile)

E-p for electron candidates vs. E



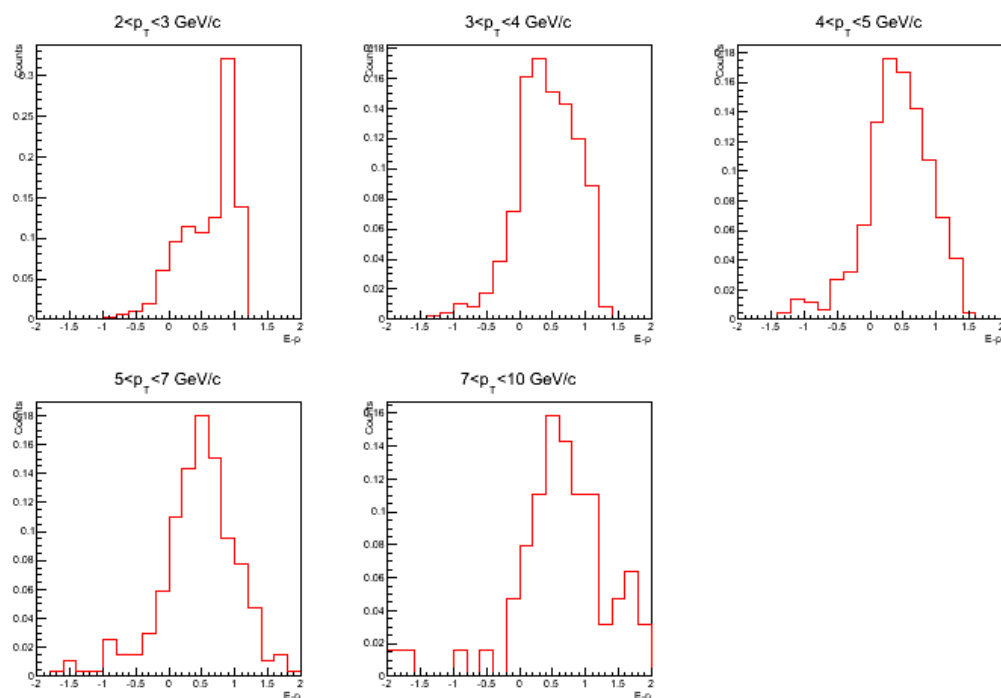
E-p for electron candidates (charge dependence) electrons

E-p vs. Energy

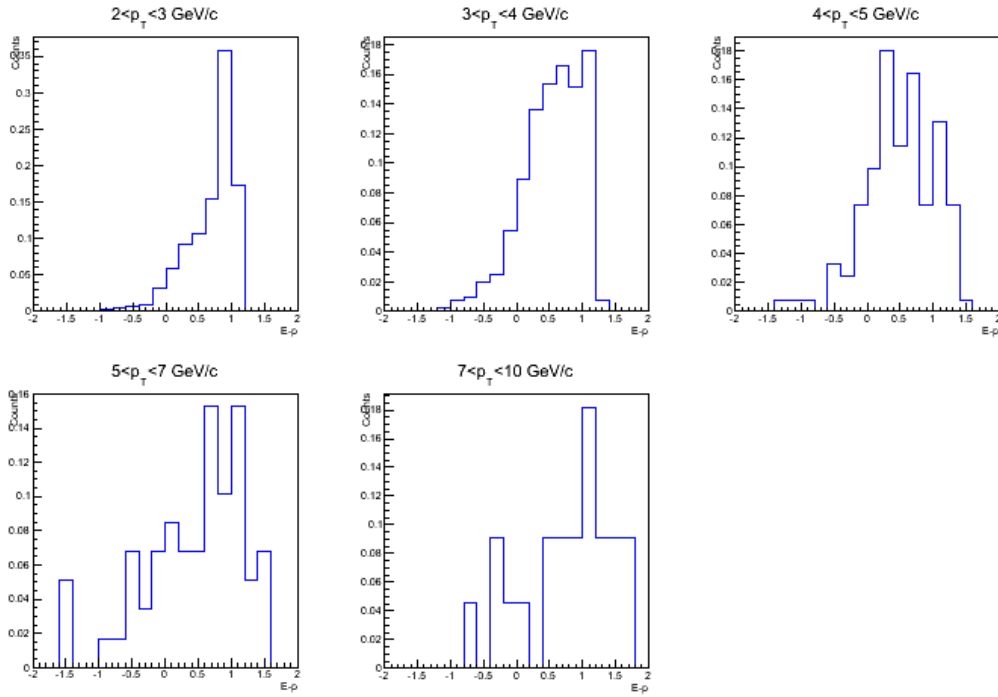


E-p distributions for # of matched track / cluster cuts

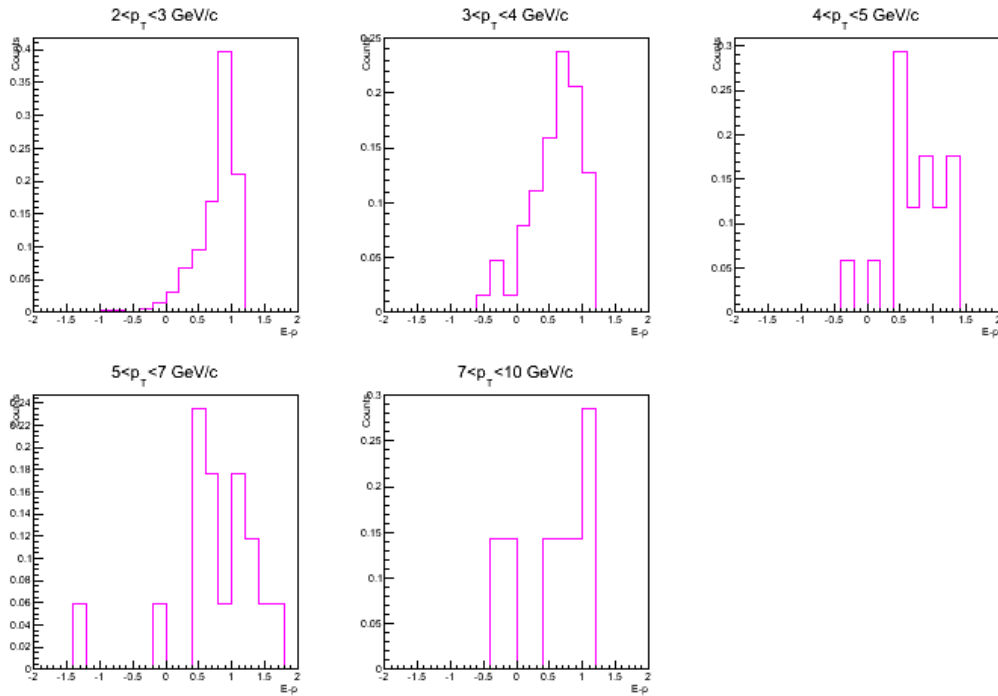
of match = 1



of match = 2



of match = 3

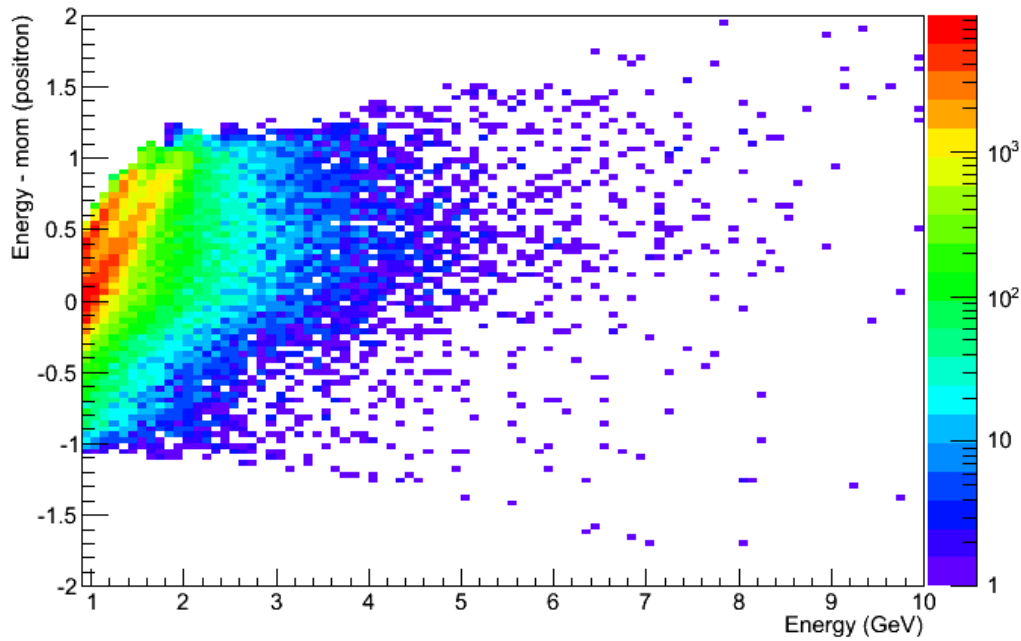


positrons

E-p vs. Energy

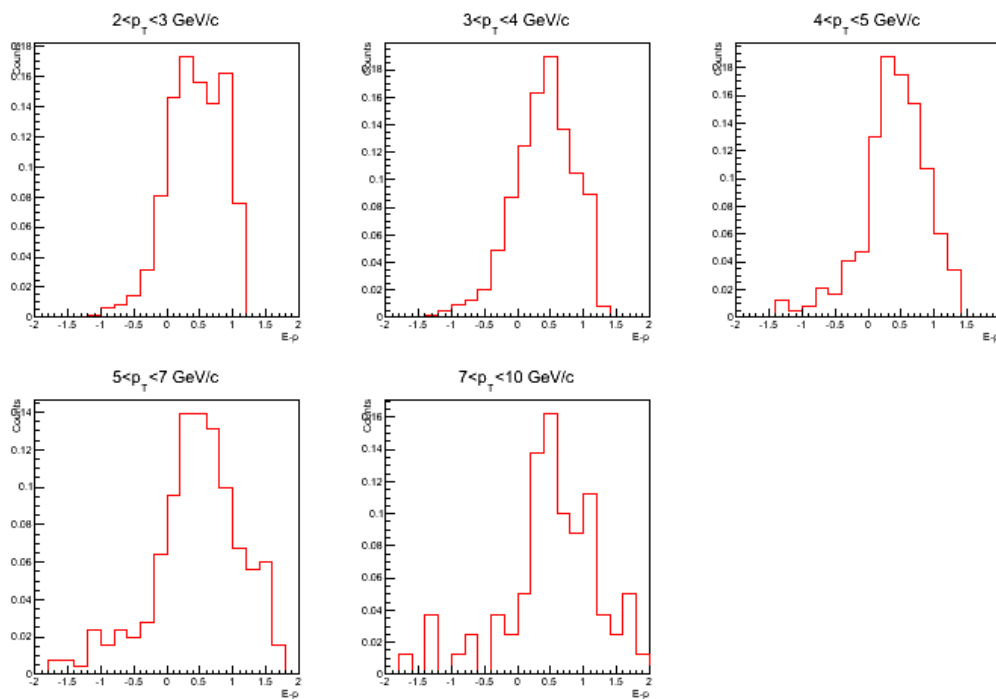
of match = 2

E/p based on Nsigma cut E vs. E-mom

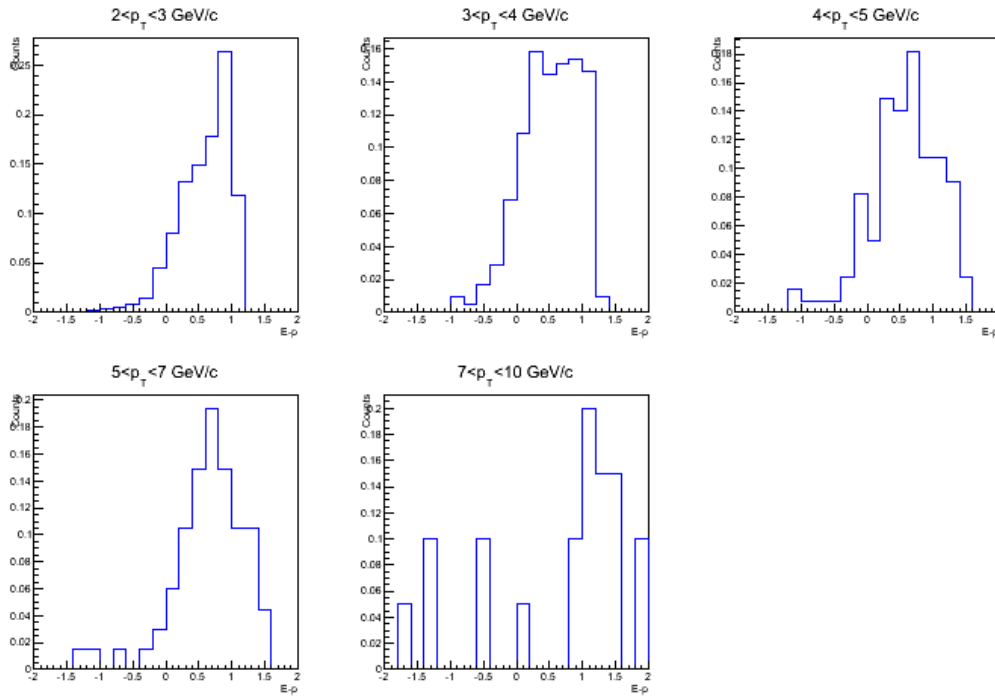


E-p distributions for # of matched track / cluster cuts

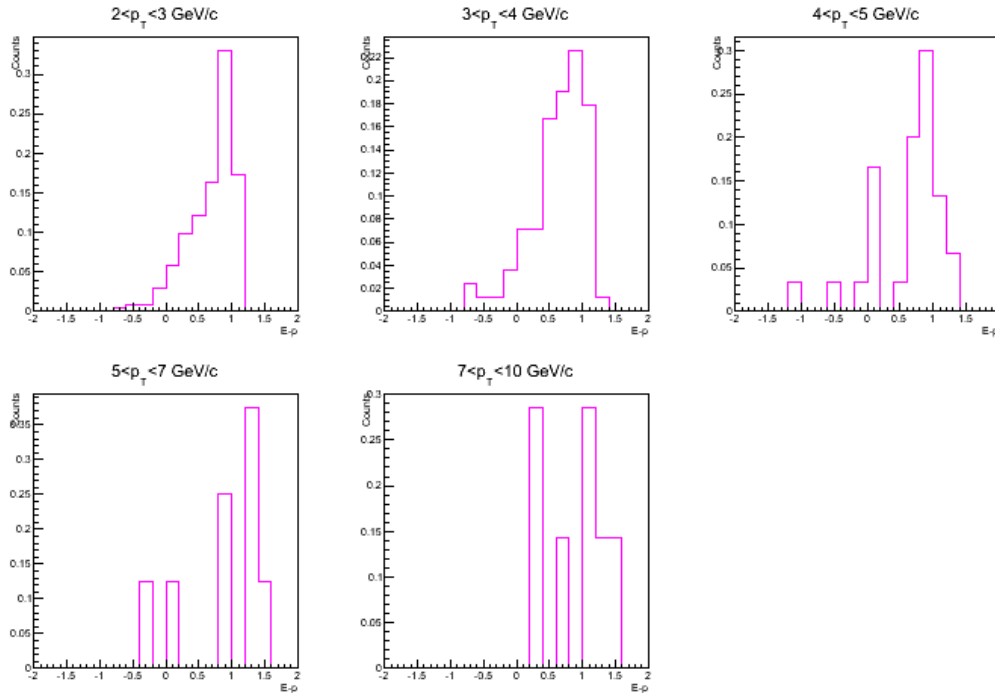
of match = 1



of match = 2



of match = 3



-- /u/shingo/WRK_eliza8/2012/02/25/LHC11h

-- ShingoSakai - 09-Mar-2012

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of match = 2