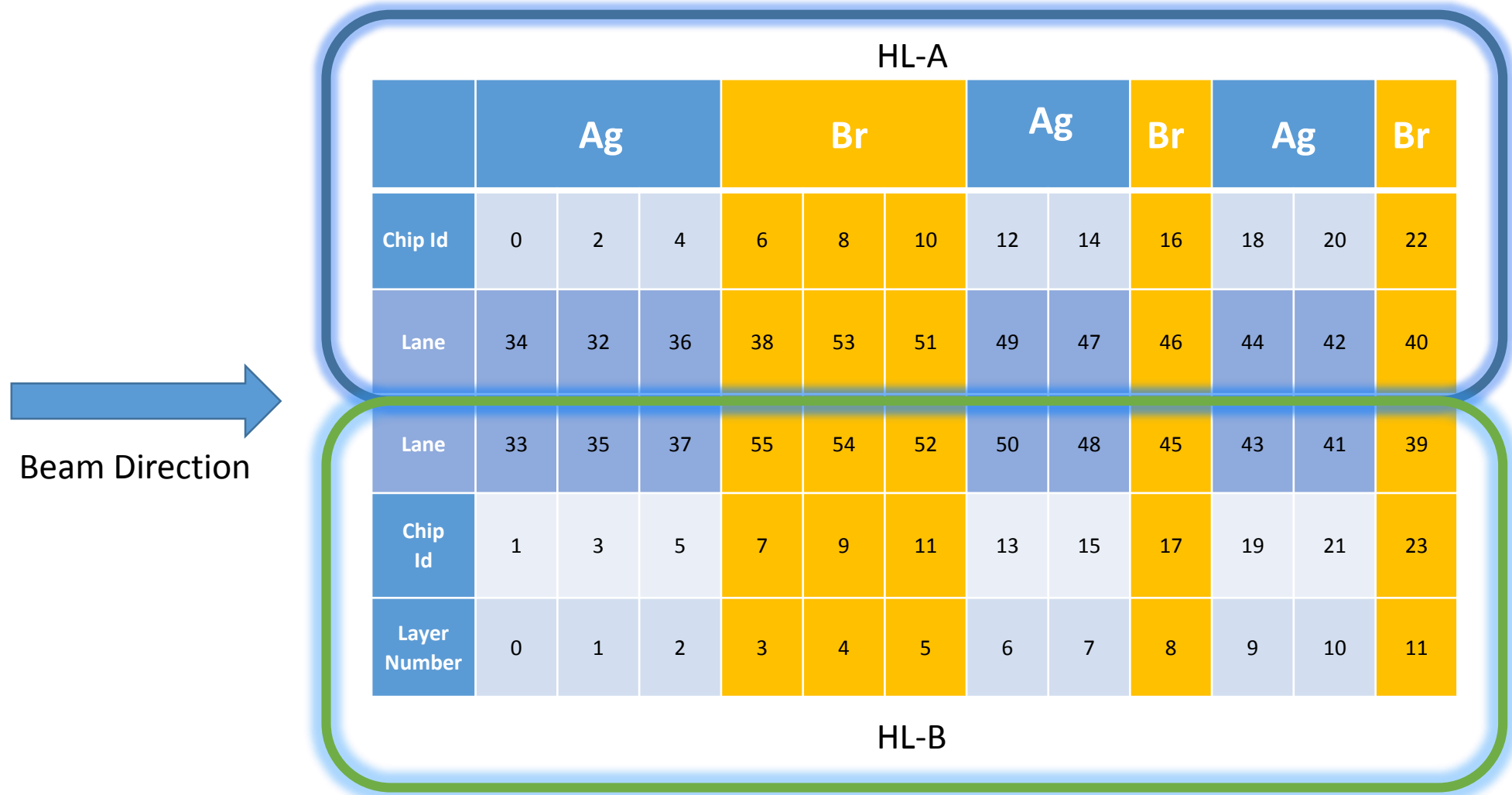


mTower Data Analysis

Qasim Waheed Malik

University of Oslo

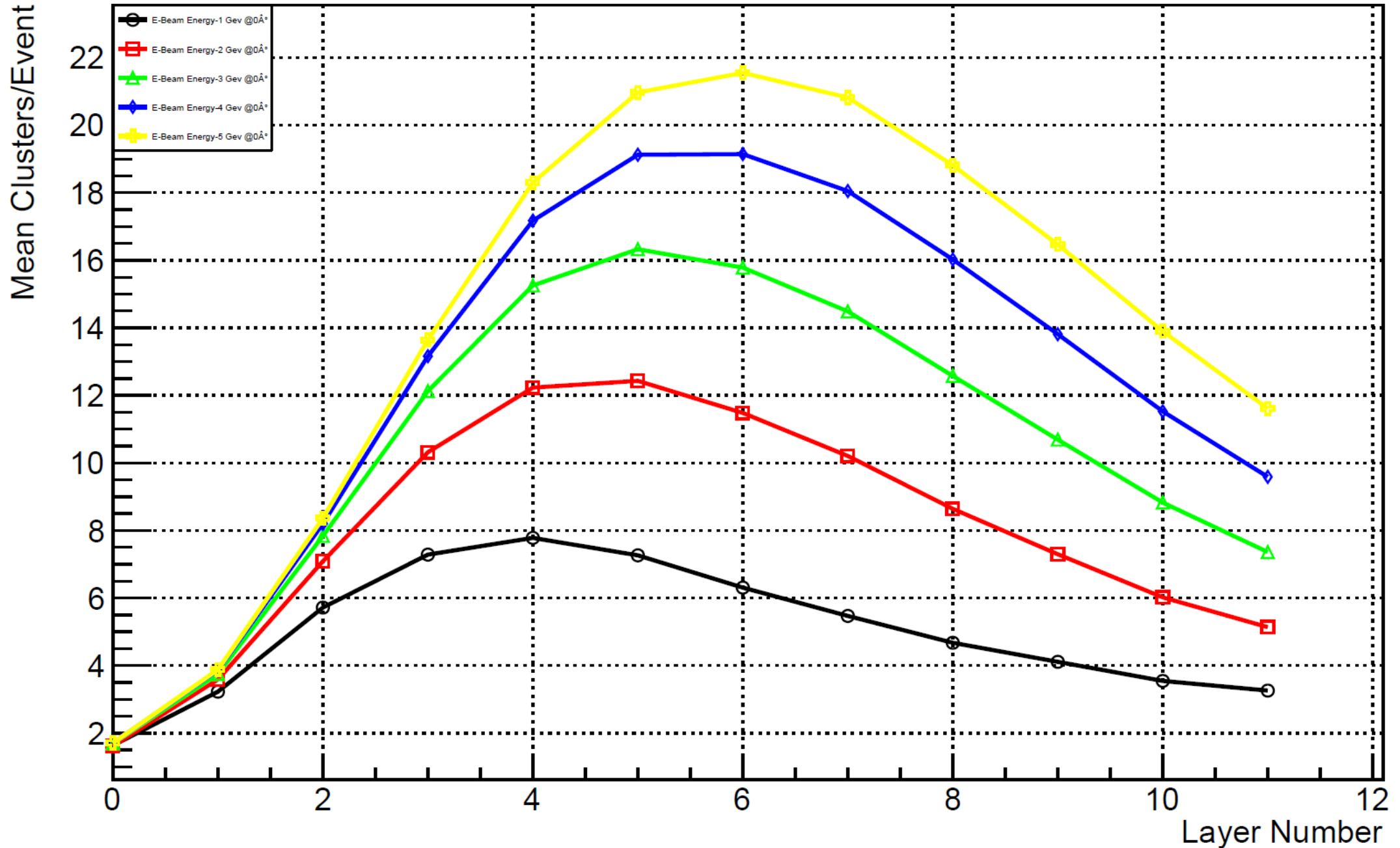
mTower Alpide chip position layout



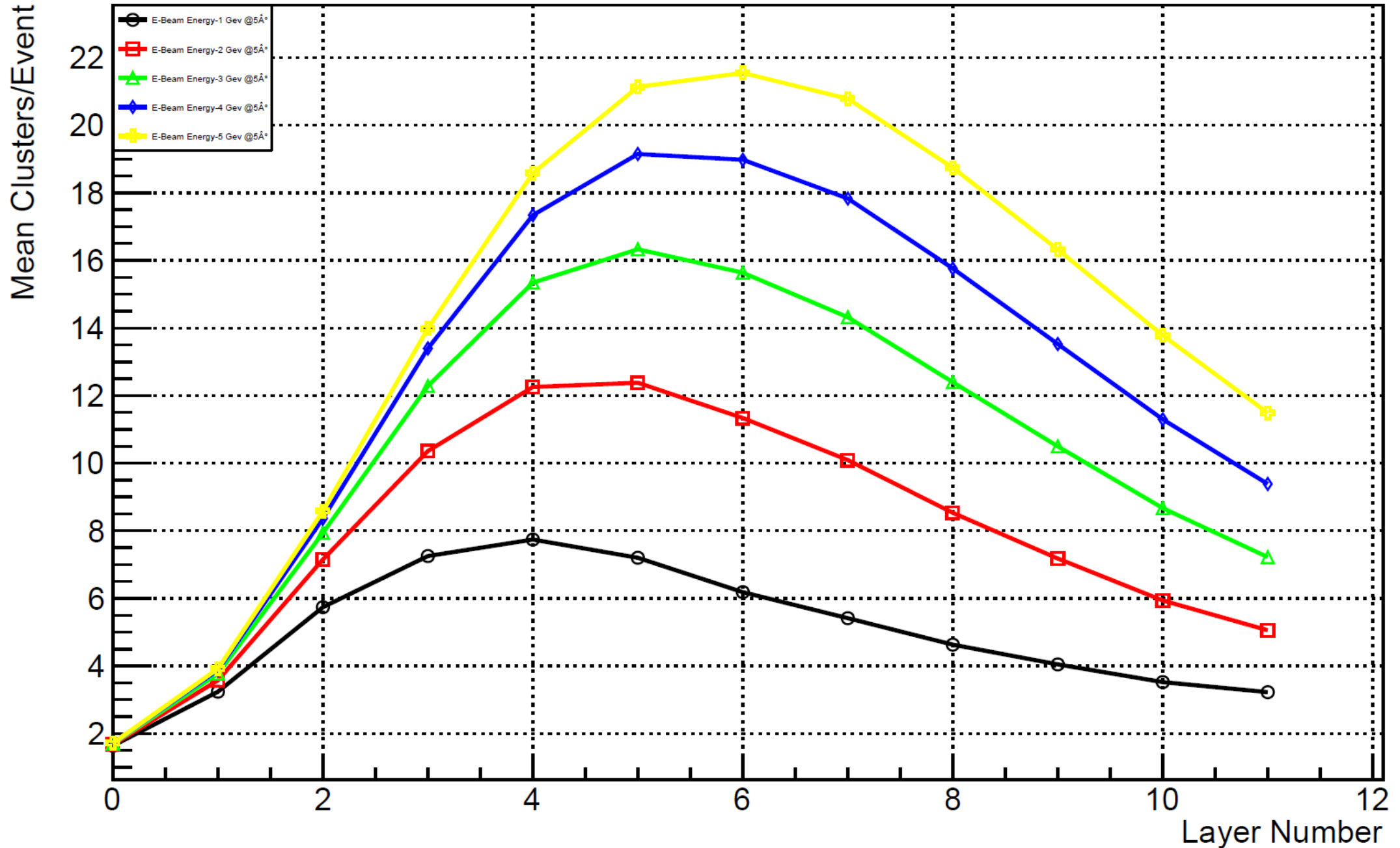
Run Numbers to Study the effect of change in incident beam angle on cluster size and no of clusters/event

Run No	Energy (Gev)	Source/Ped	Angle	No. of Evts
304	1	Source	0	290669
371	2	Source	0	586812
306	3	Source	0	288853
301	4	Source	0	290640
320	5	Source	0	294265
478	1	Source	5.3	298109
476	2	Source	5.3	291885
475	3	Source	5.3	286251
477	4	Source	5.3	292033
474	5	Source	5.3	273528
469	1	Source	15.7	293163
467	2	Source	15.7	287894
466	3	Source	15.7	290264
468	4	Source	15.7	285818
462	5	Source	15.7	294404

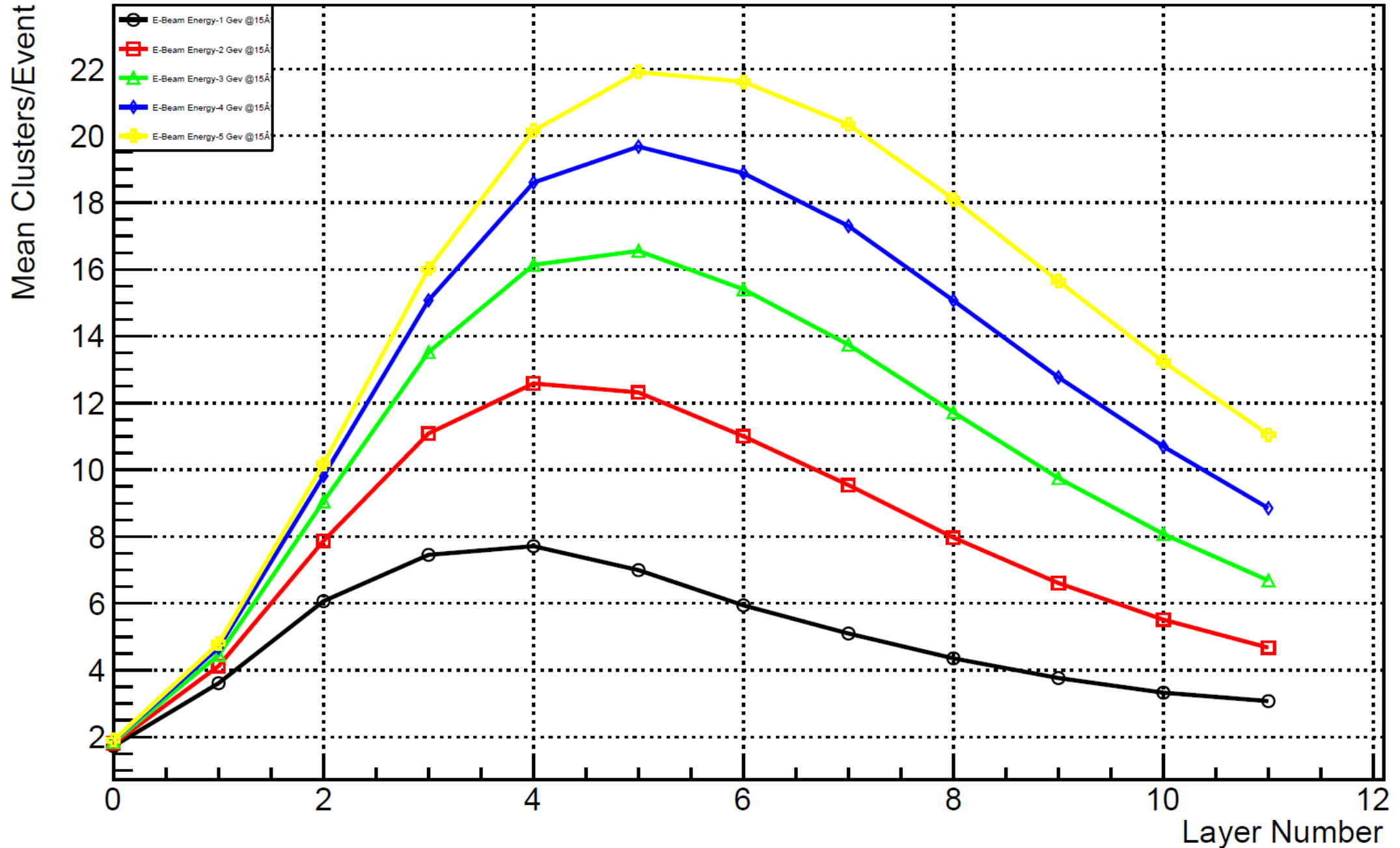
Mean clusters/event Vs layers



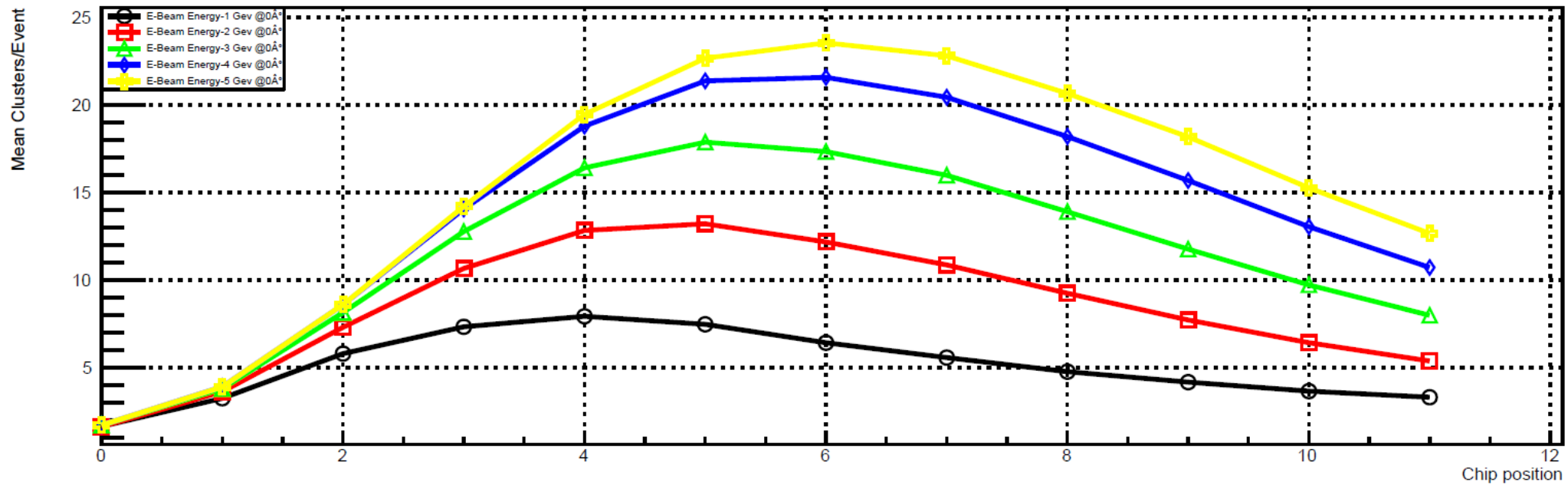
Mean clusters/event Vs layers



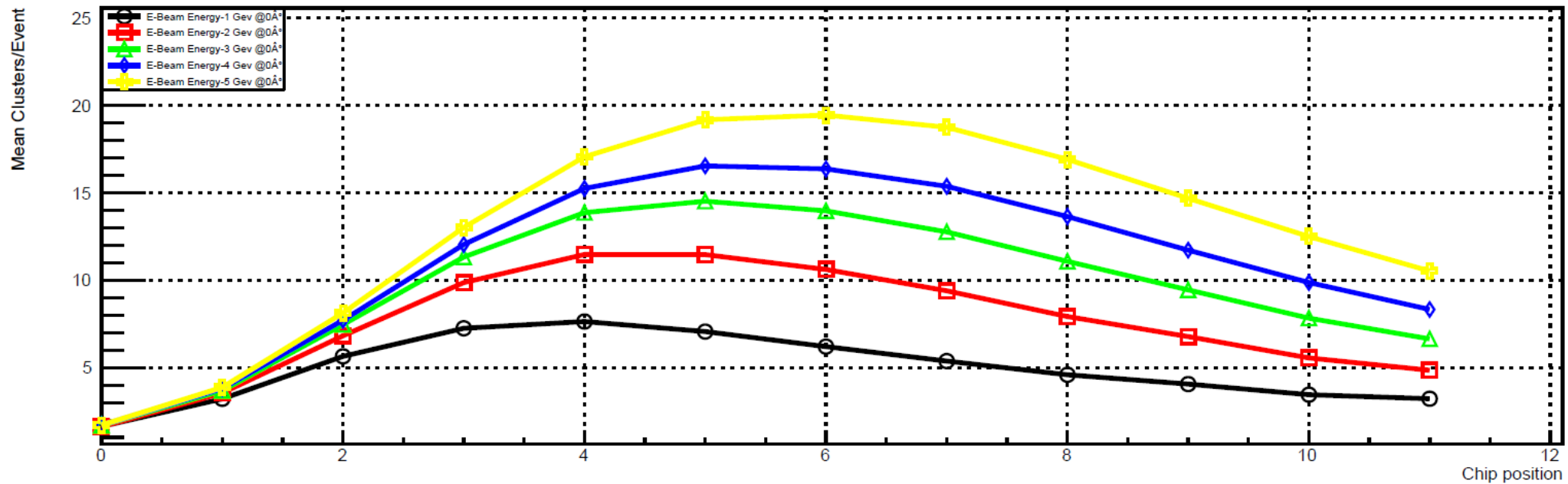
Mean clusters/event Vs layers



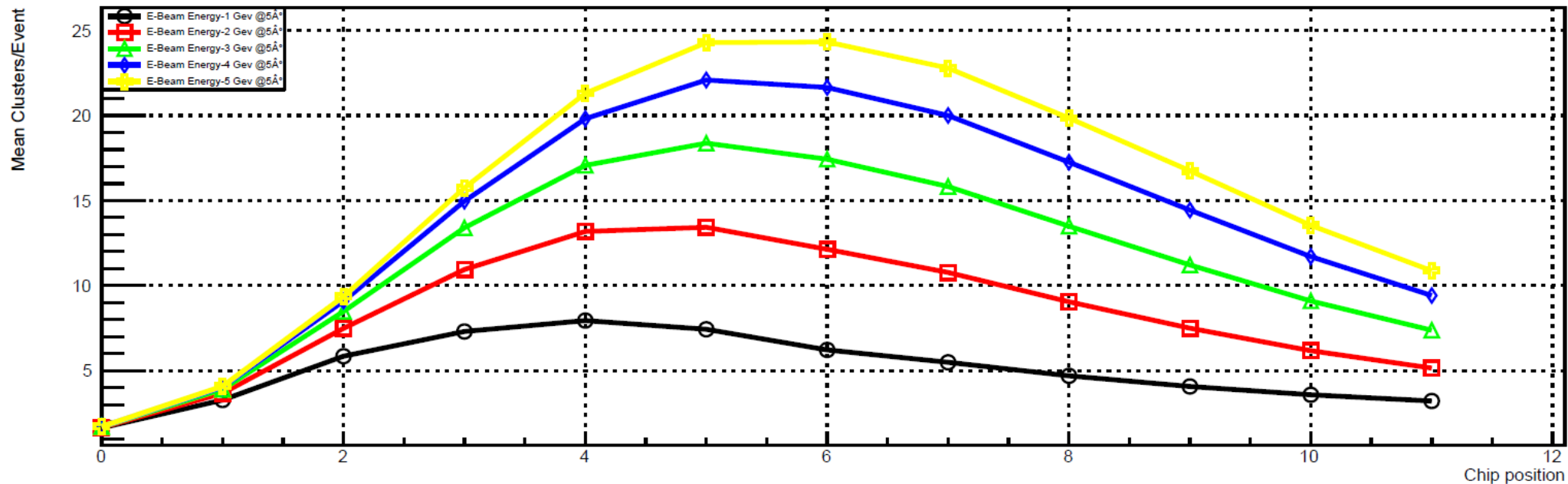
Mean cluster/event Vs HL-A Layer



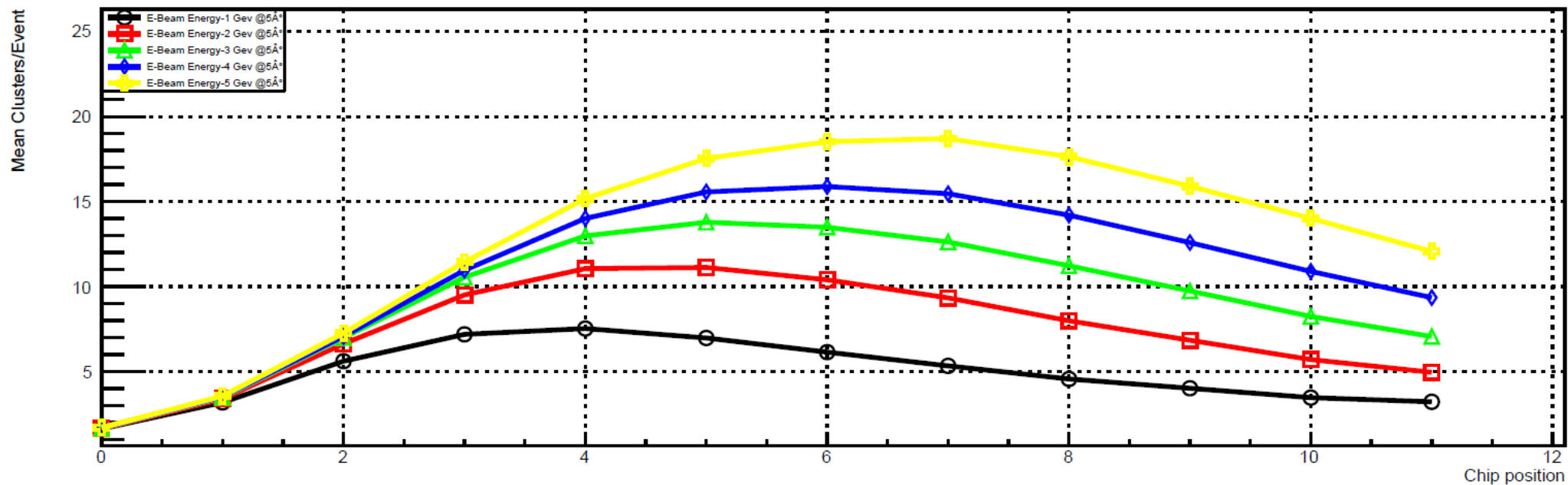
Mean cluster/event Vs HL-B layer



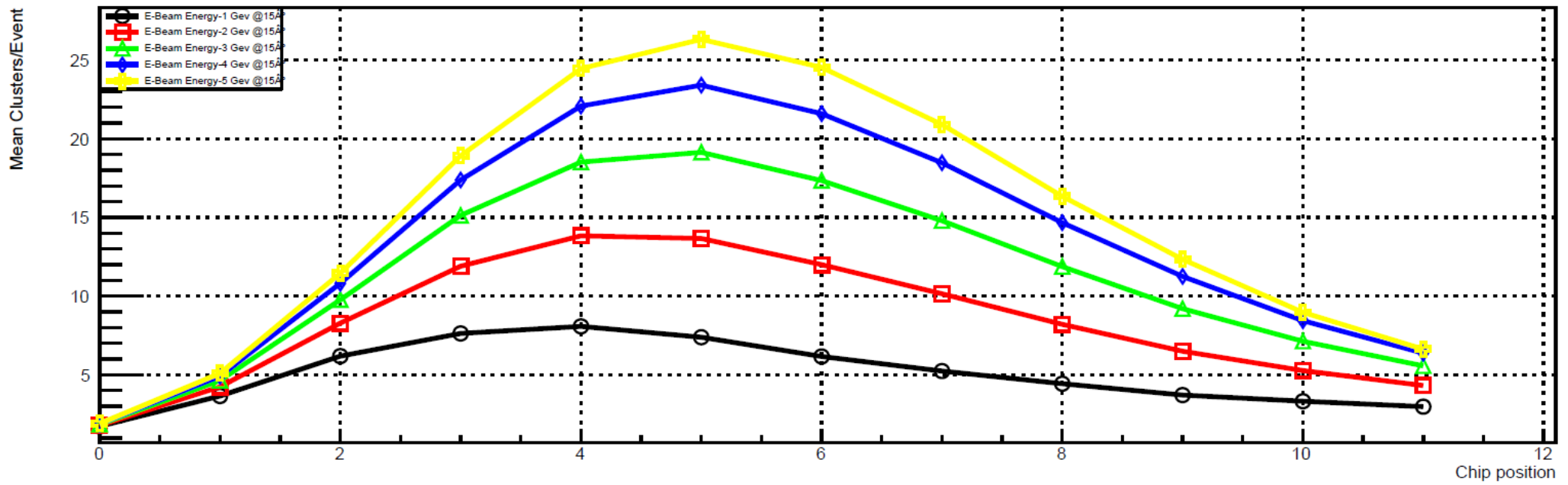
Mean cluster/event Vs HL-A Layer



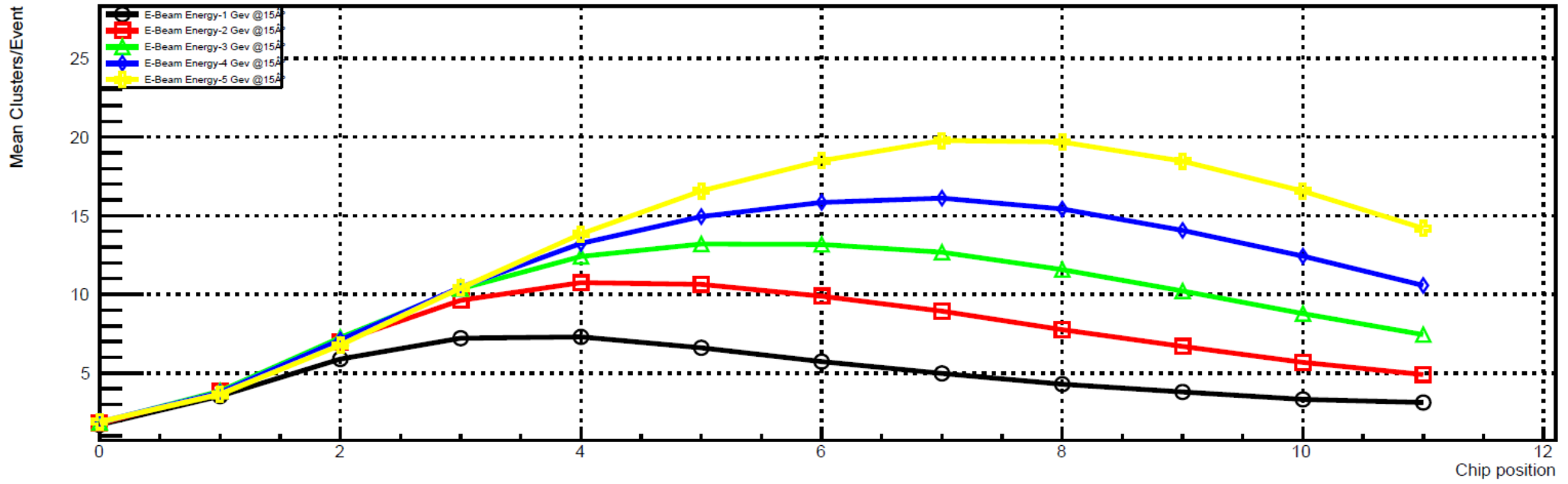
Mean cluster/event Vs HL-B layer



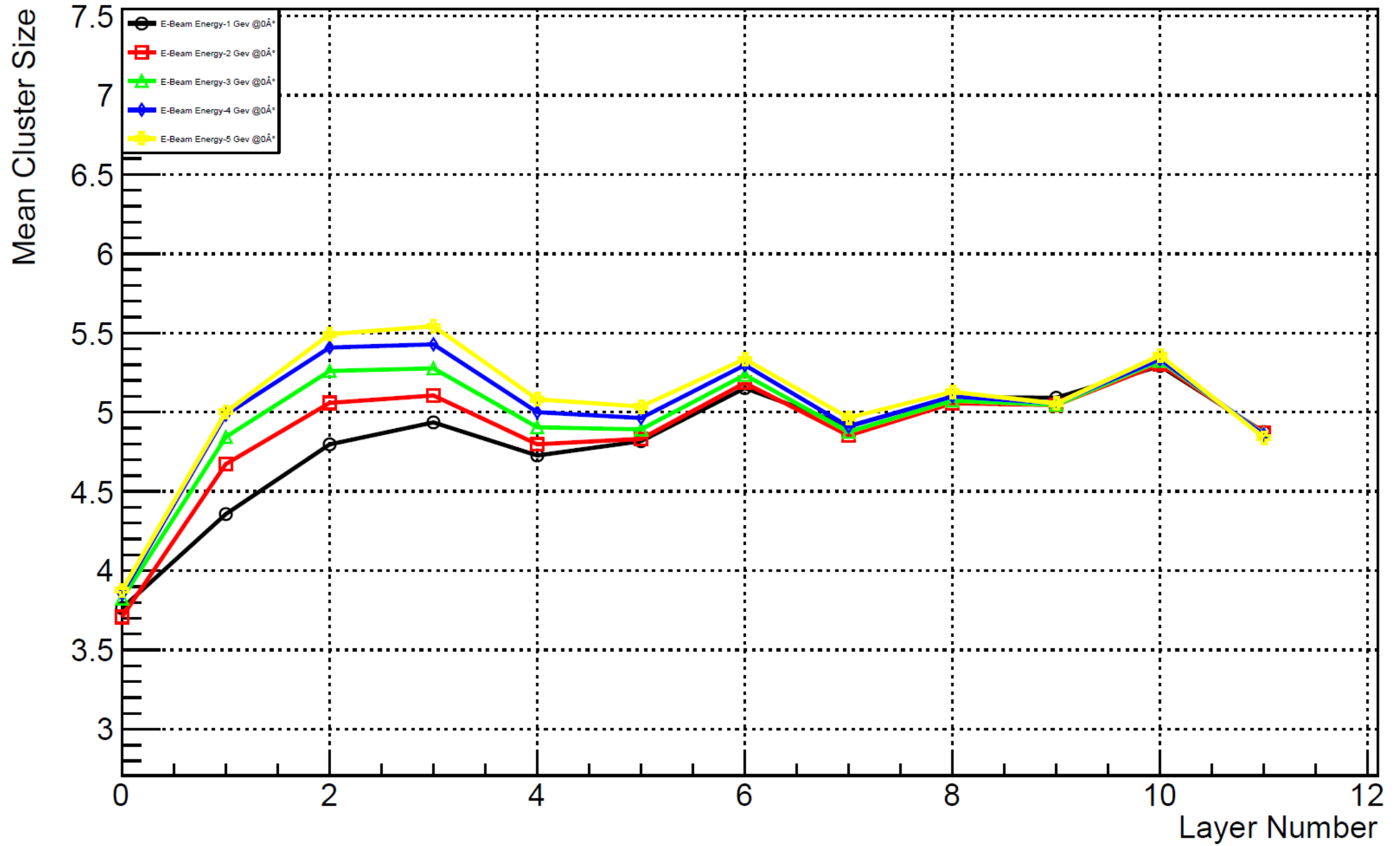
Mean cluster/event Vs HL-A Layer



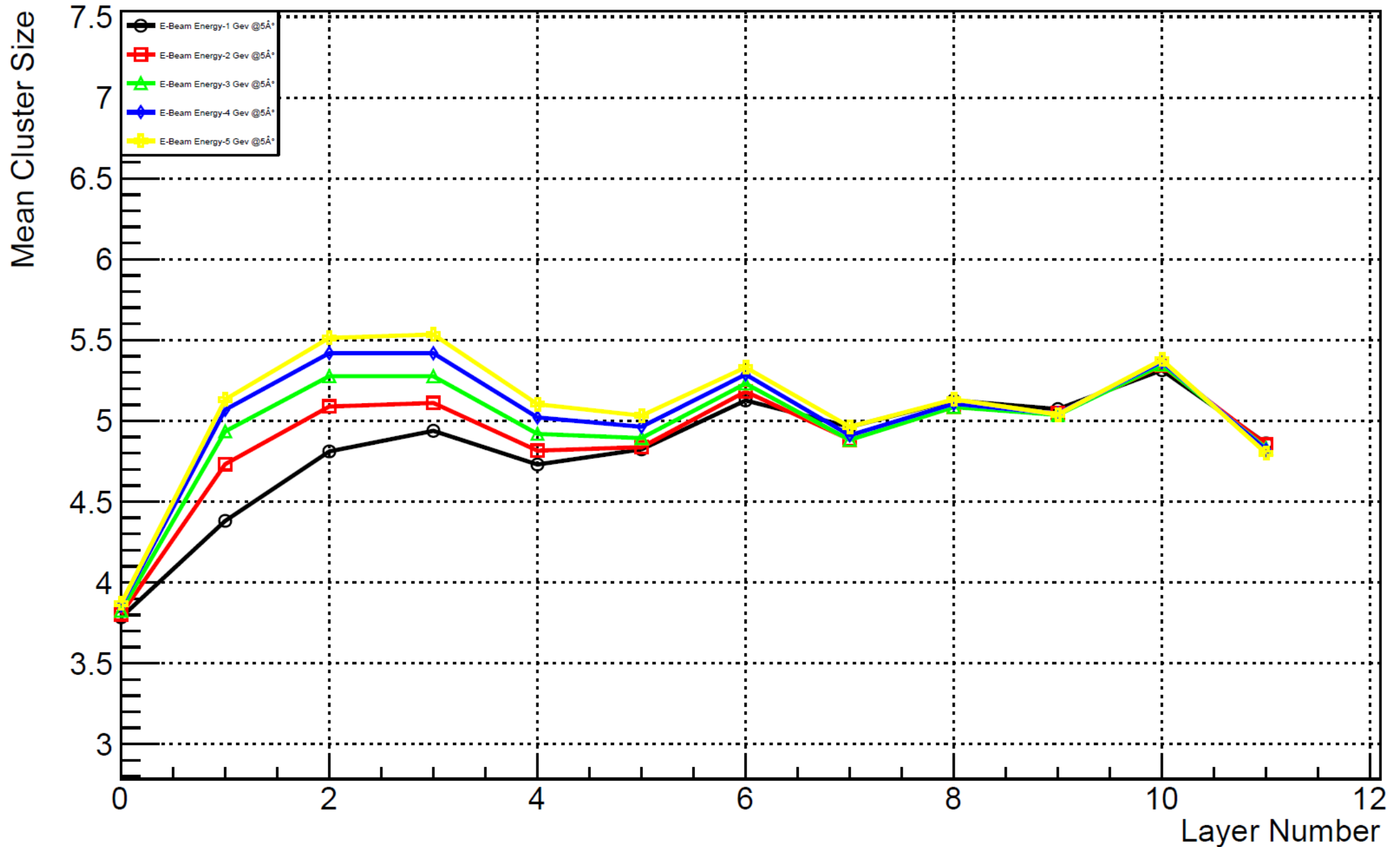
Mean cluster/event Vs HL-B layer



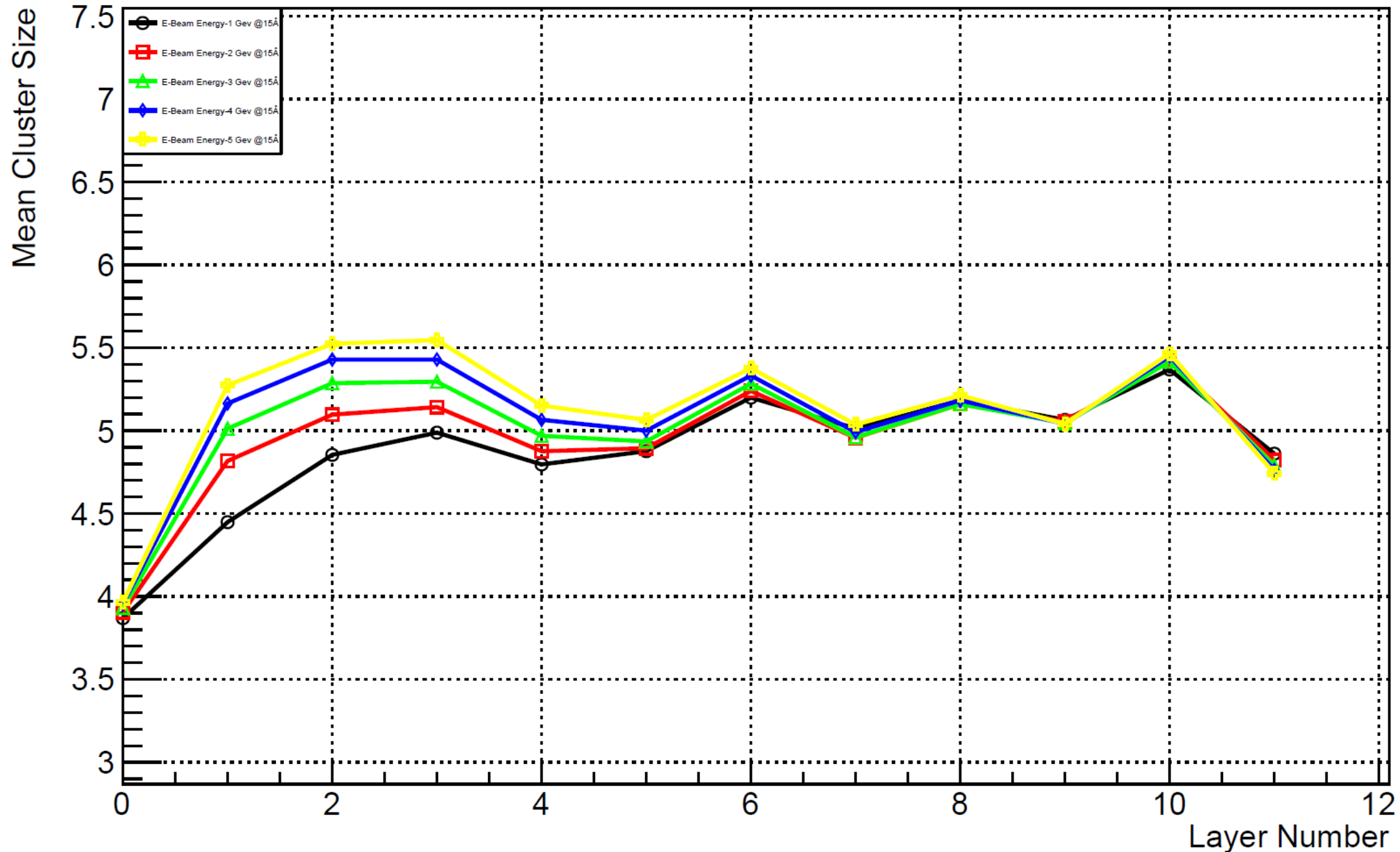
Mean cluster Vs layers



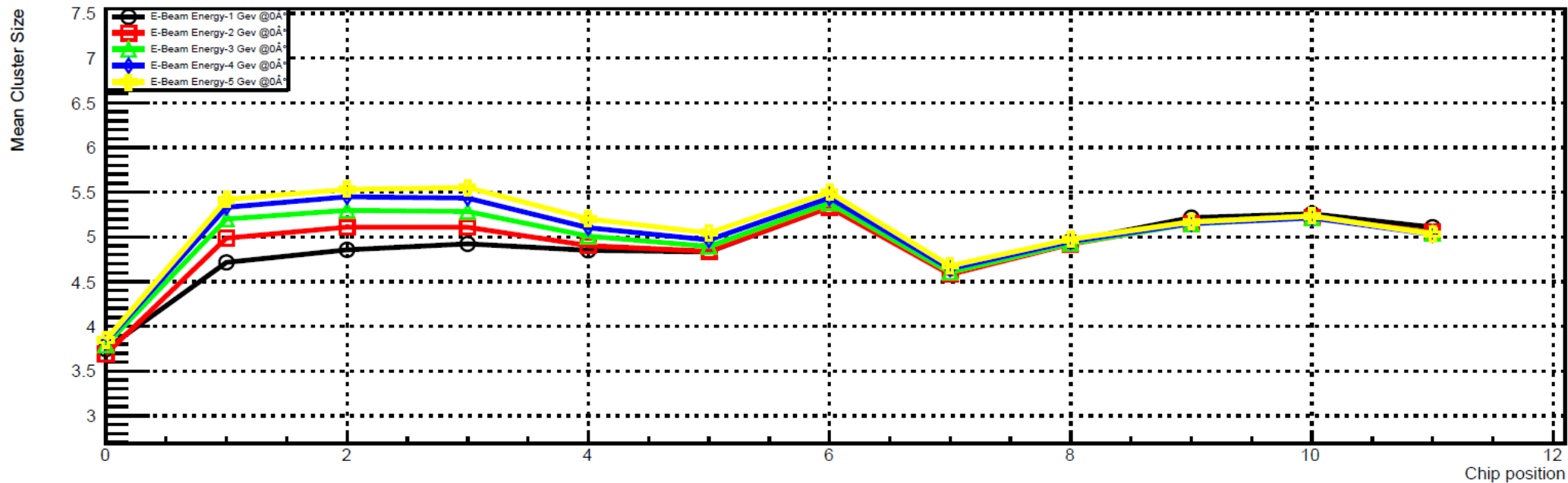
Mean cluster Vs layers



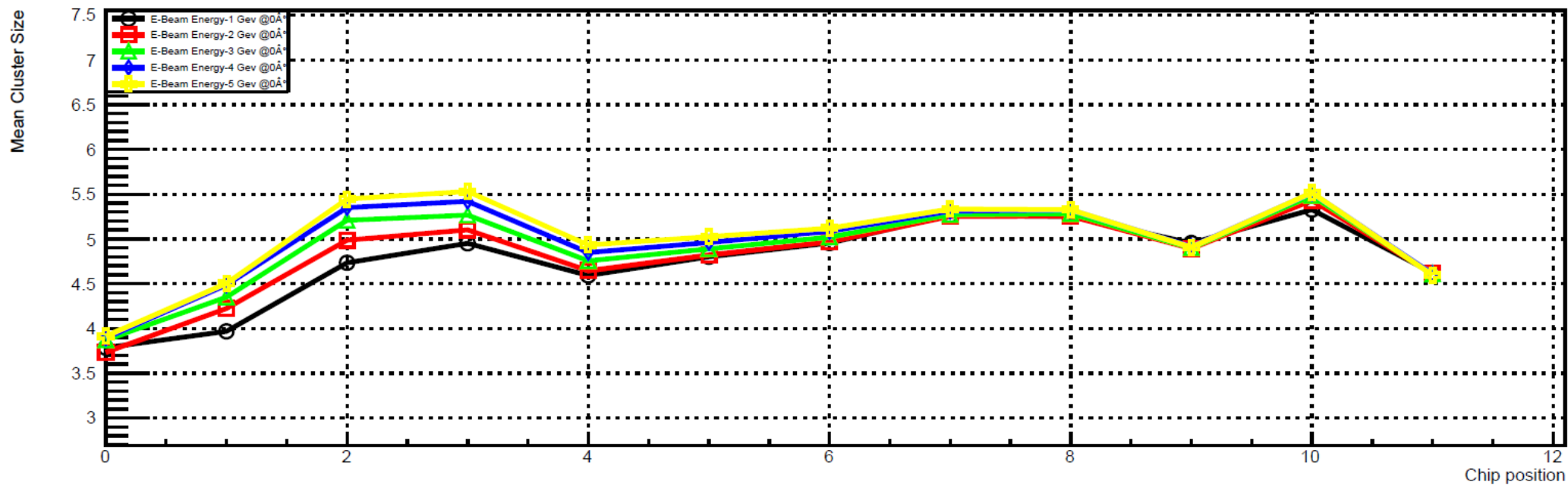
Mean cluster Vs layers



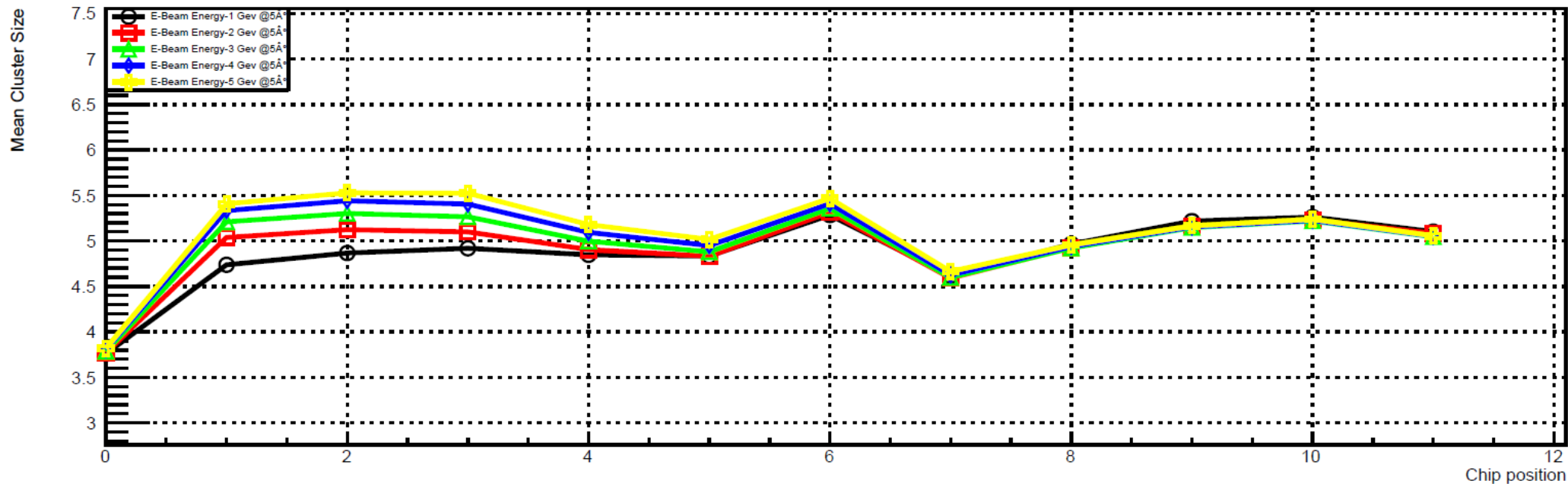
Mean Cluster Vs HL-A Layer



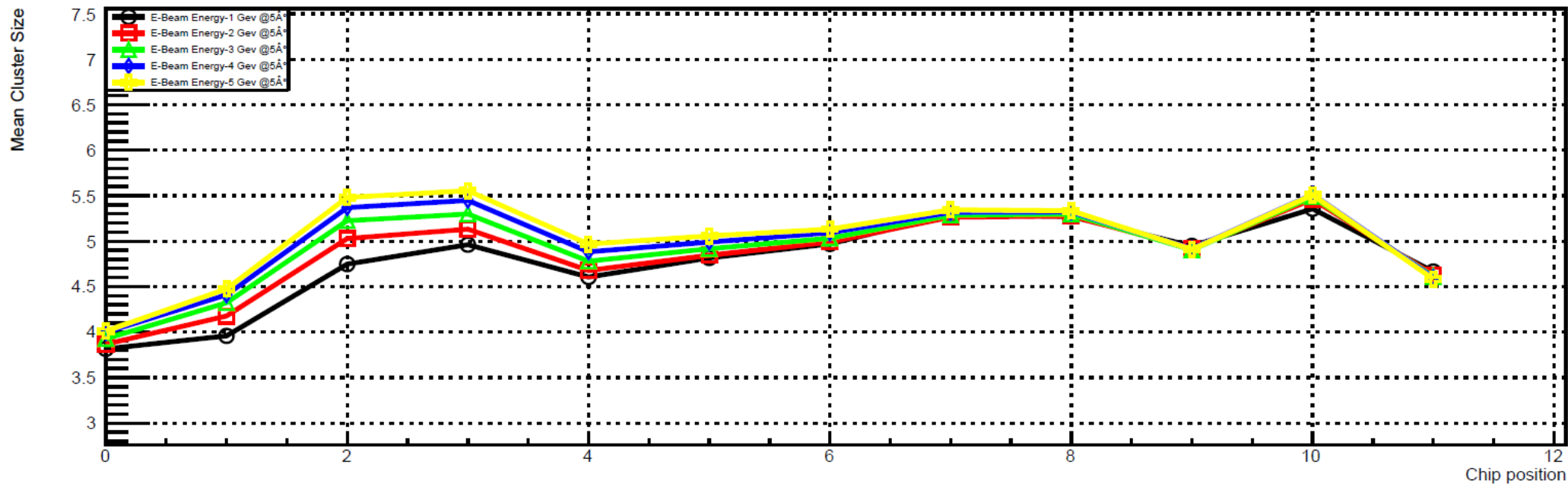
Mean cluster Vs HL-B layer



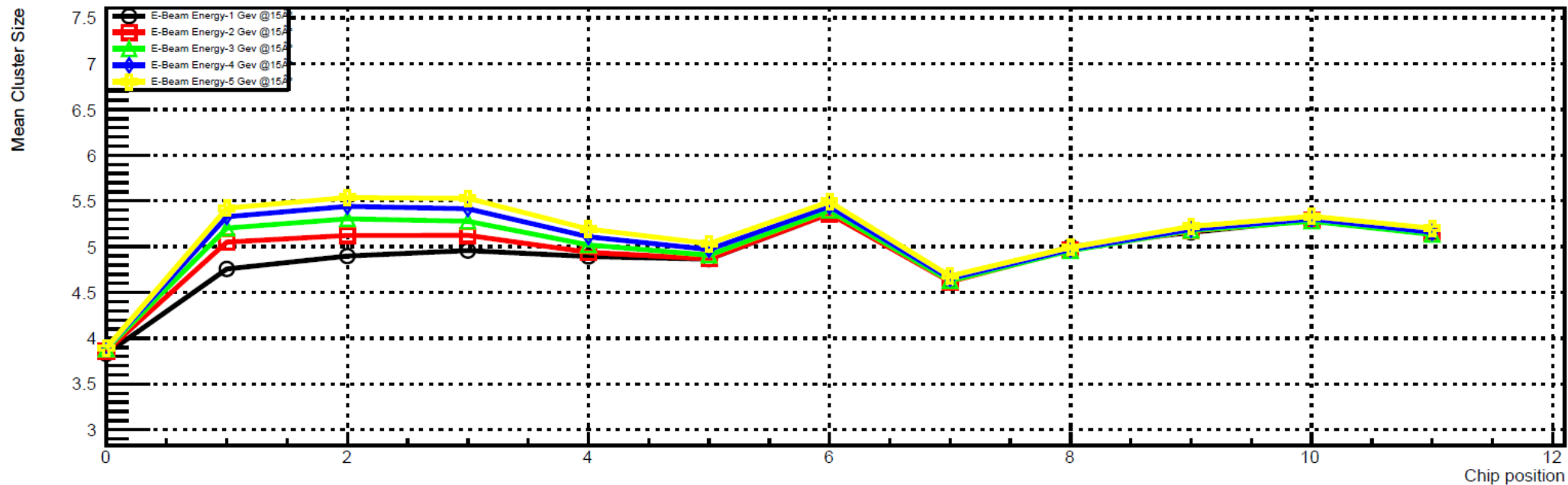
Mean Cluster Vs HL-A Layer



Mean cluster Vs HL-B layer



Mean Cluster Vs HL-A Layer



Mean cluster Vs HL-B layer

