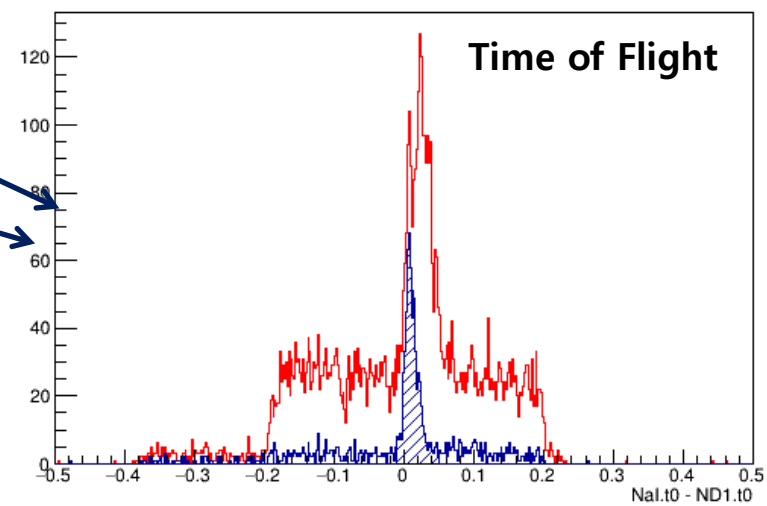
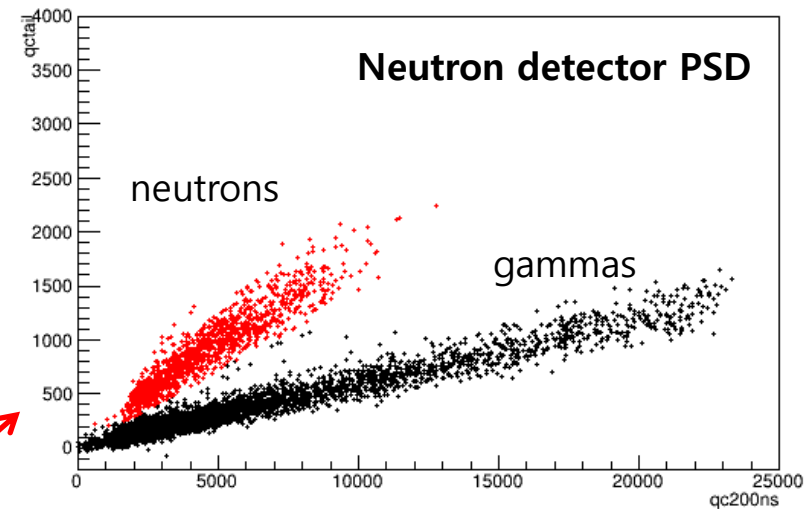
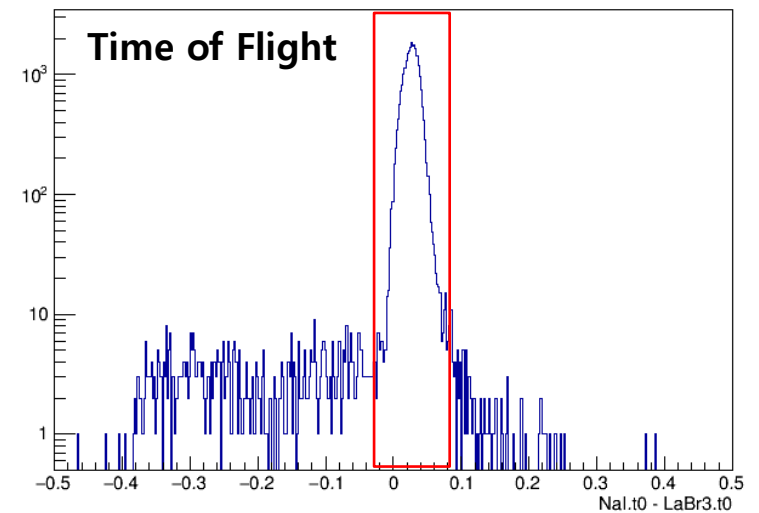
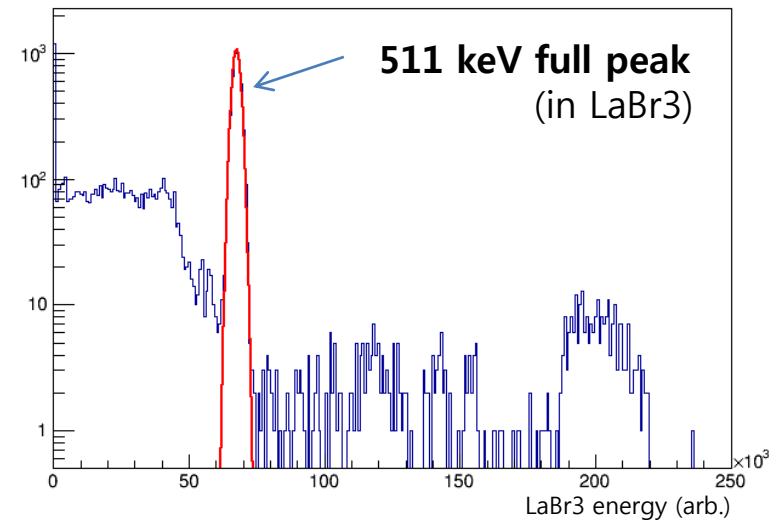
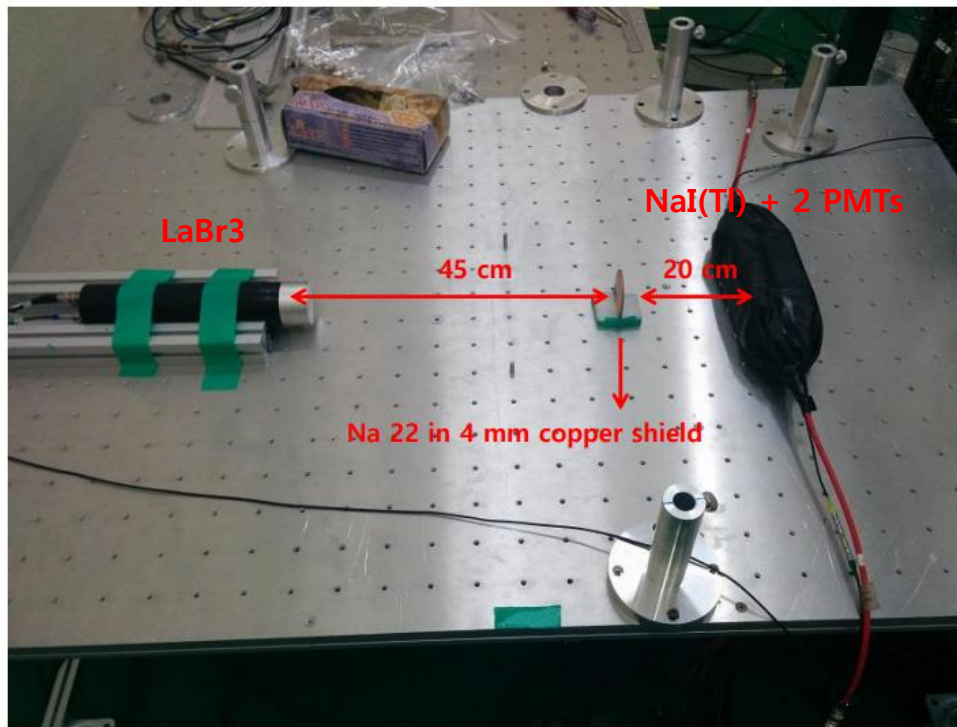


KRISS (small crystal) – neutron event selection

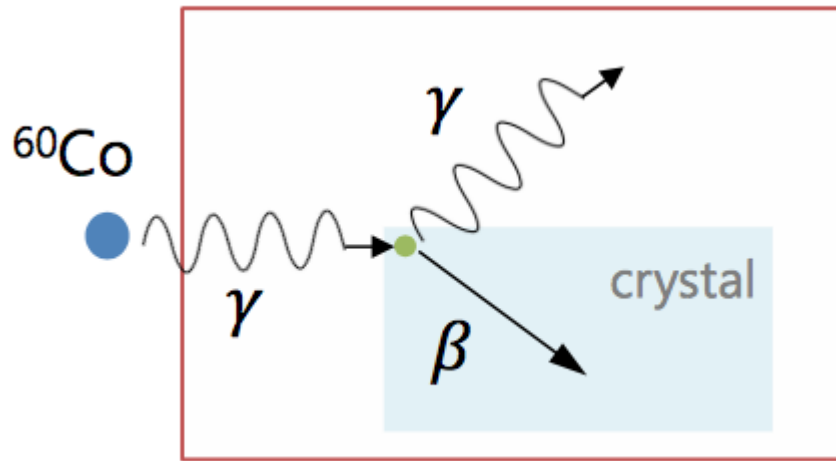


Two NDs at 30 deg. and two NDs at 75 deg.

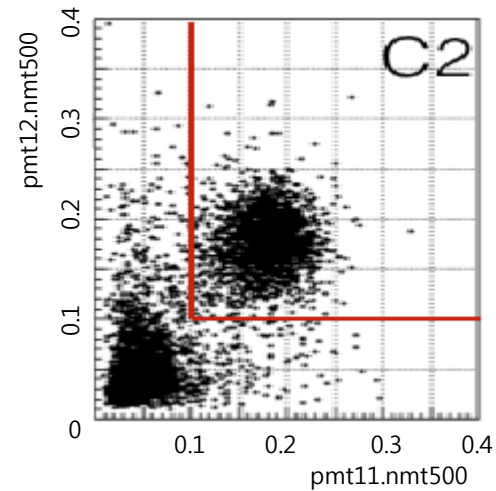
KRISS (small crystal) – gamma event selection (with Na22)



COSINE (large crystal) – gamma event selection (with Co60)

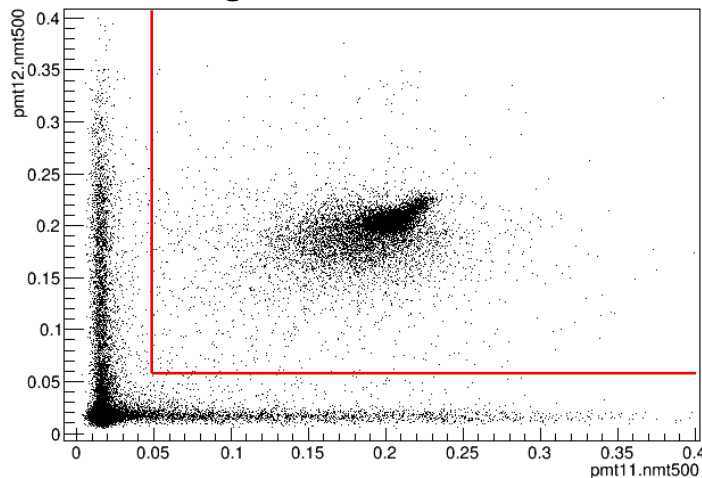


> 100 keV in other crystal + TOF

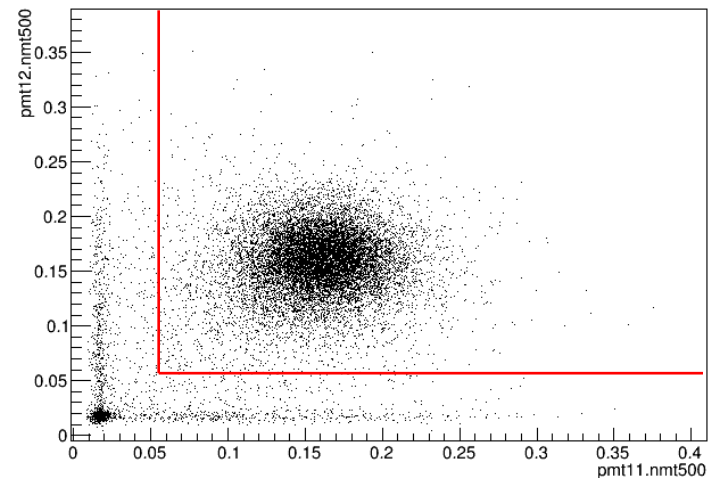


**PMT mean time cut
for remove noise events**

KRISS – gamma

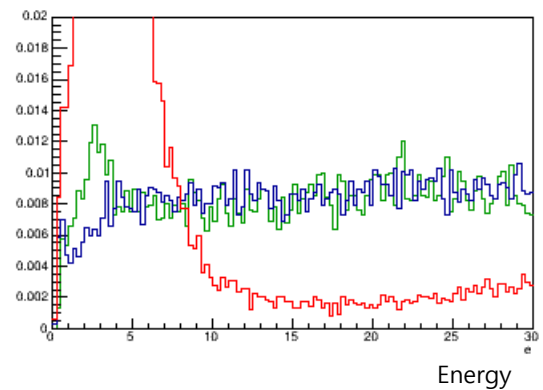
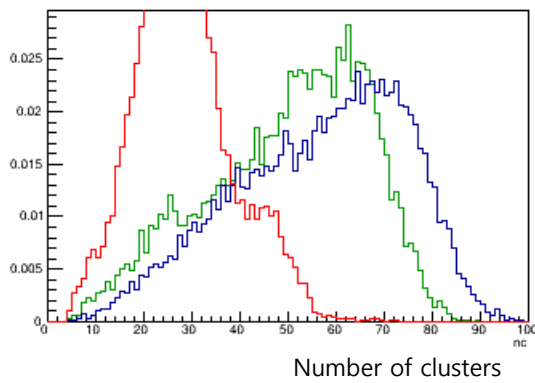
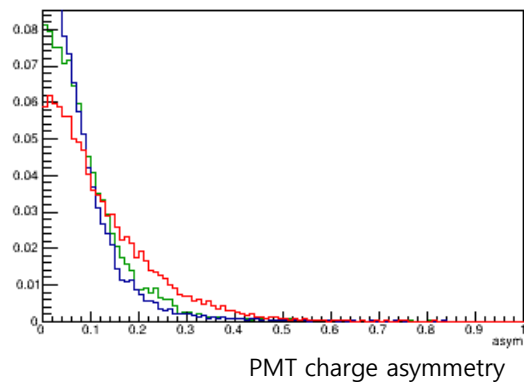
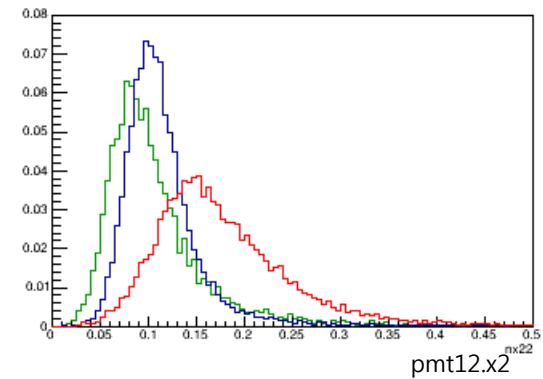
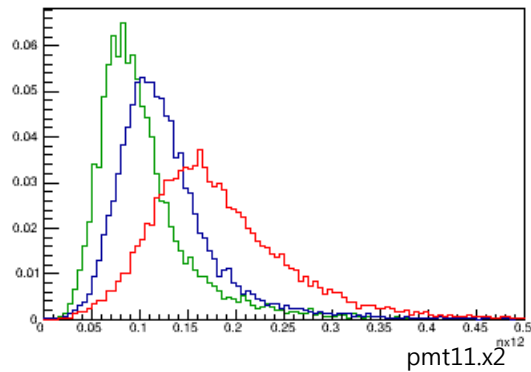
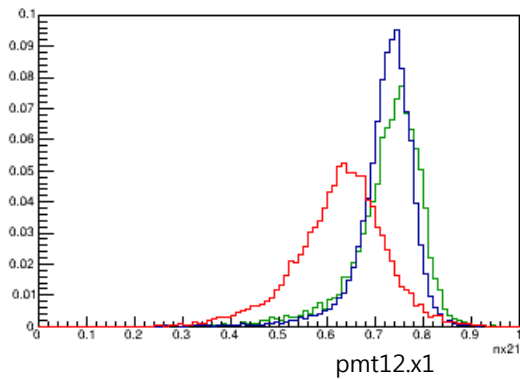
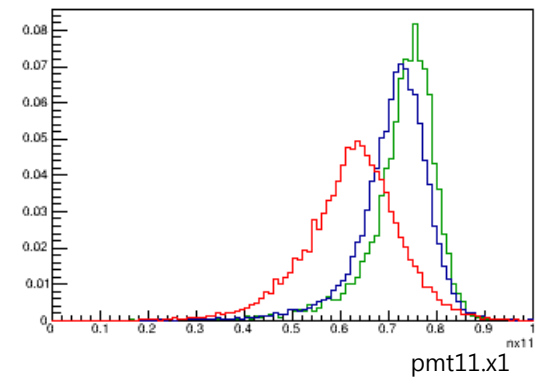
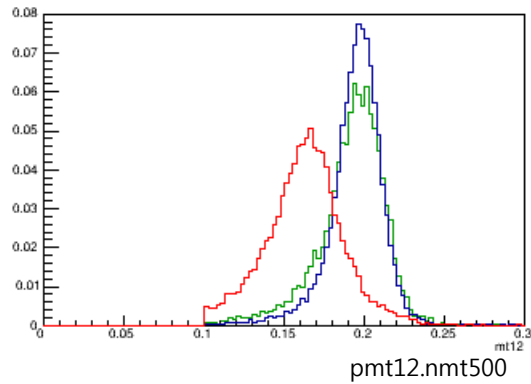
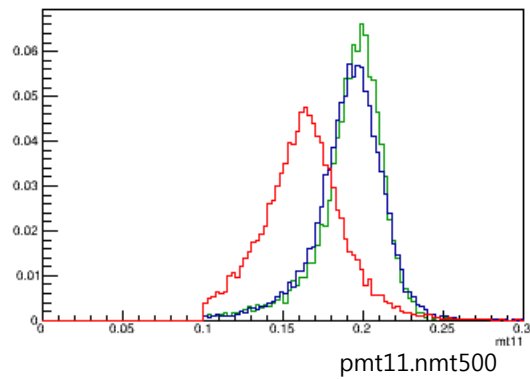


KRISS – neutron



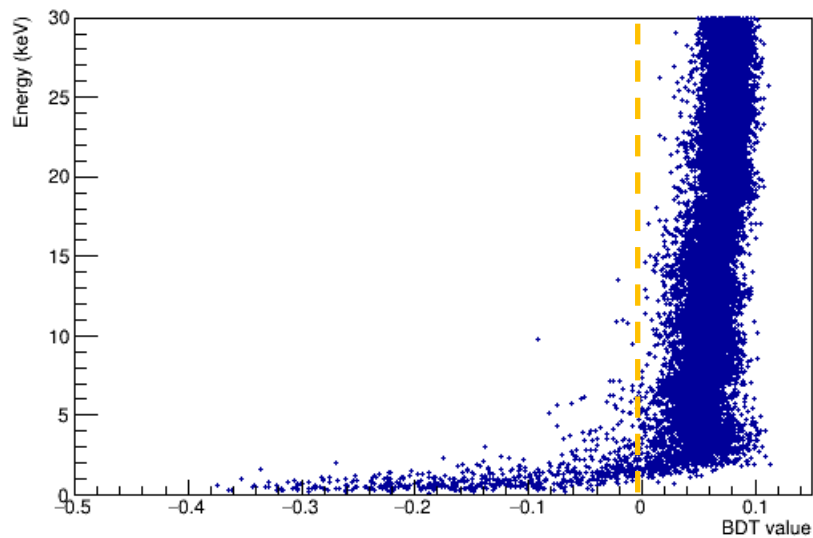
BDT variables

Red : KRISS – neutron
Blue : KRISS – Na22
Green : COSINE – Co60

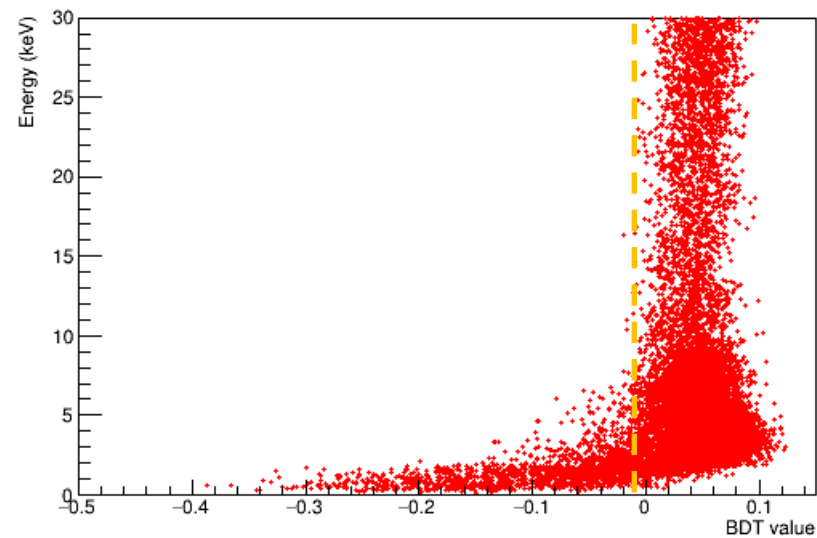


Energy vs BDT

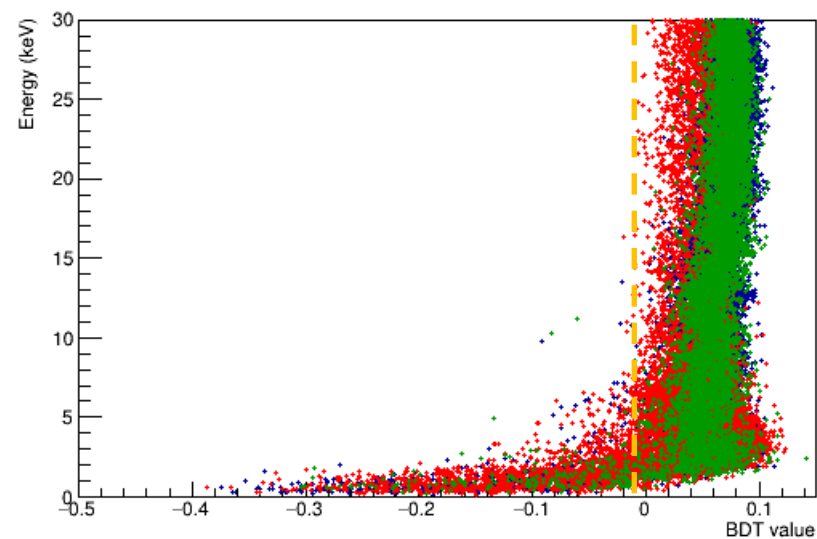
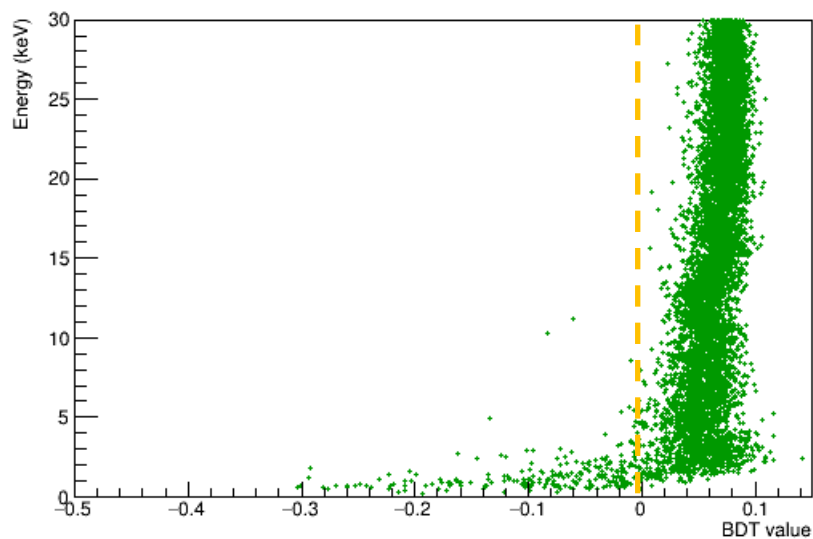
KRISS – Na22



KRISS – Neutron

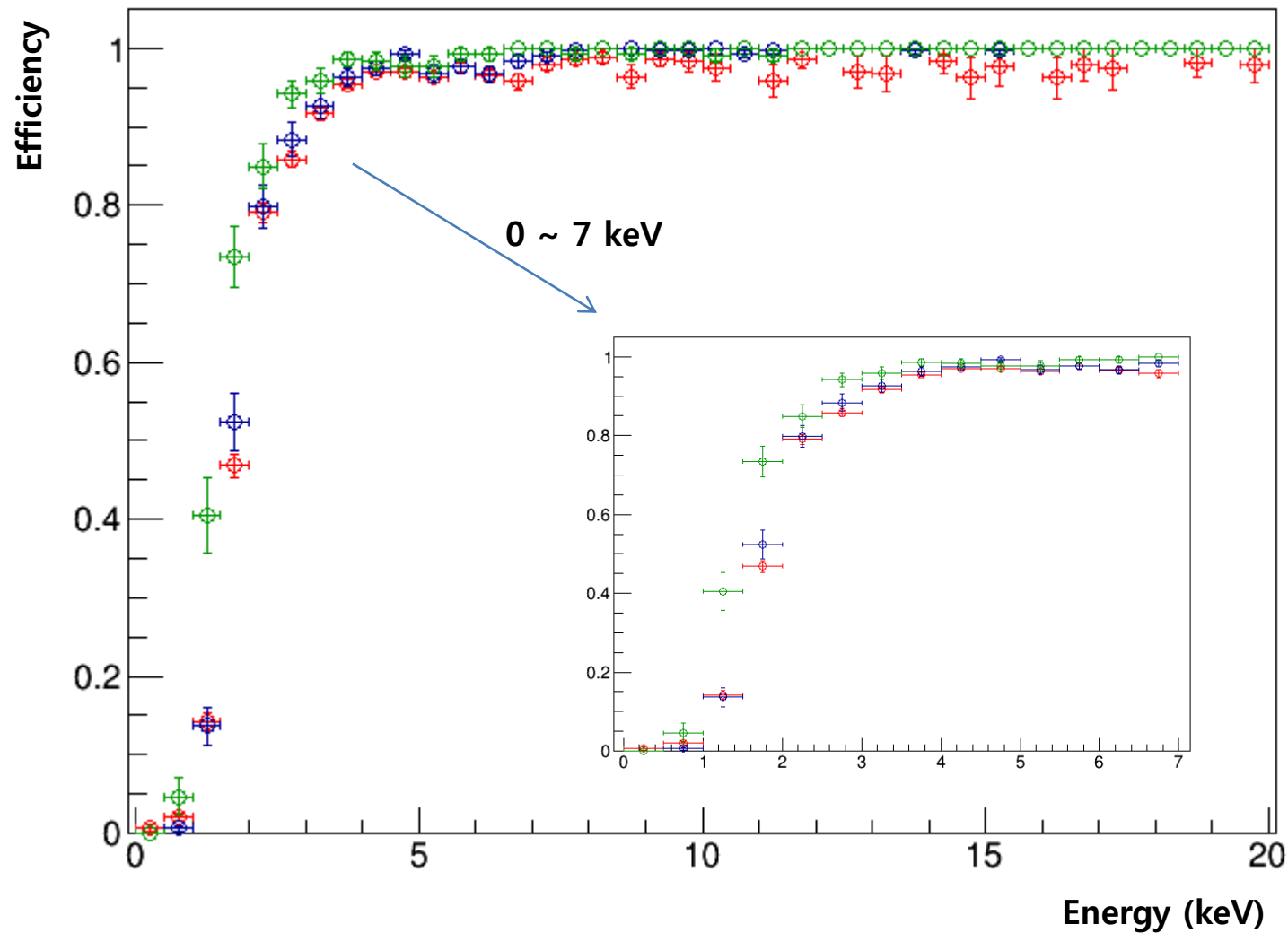


COSINE – Co60



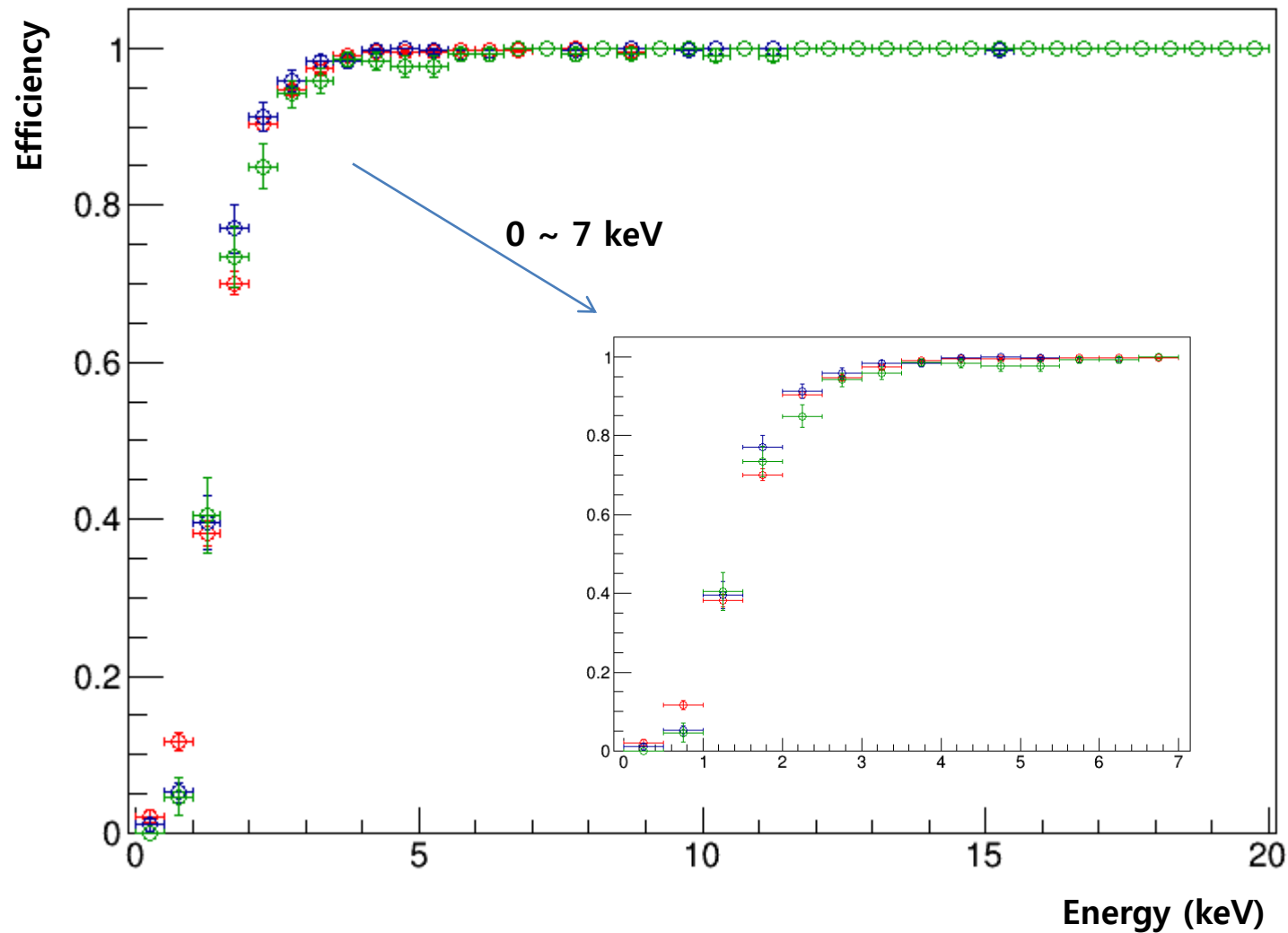
Efficiency (bdt > 0)

Red : KRISS – neutron
Blue : KRISS – Na22
Green : COSINE – Co60



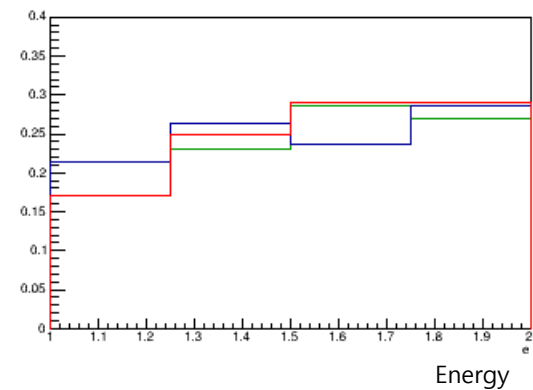
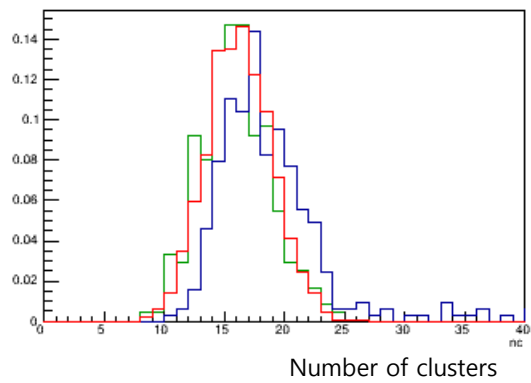
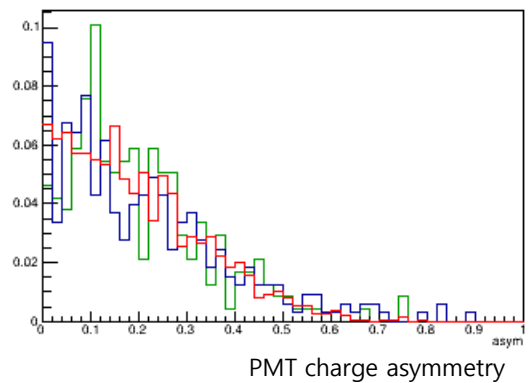
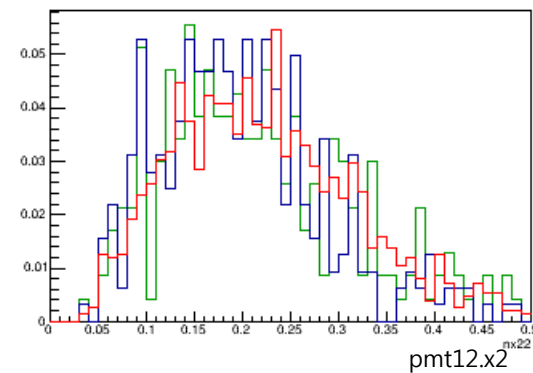
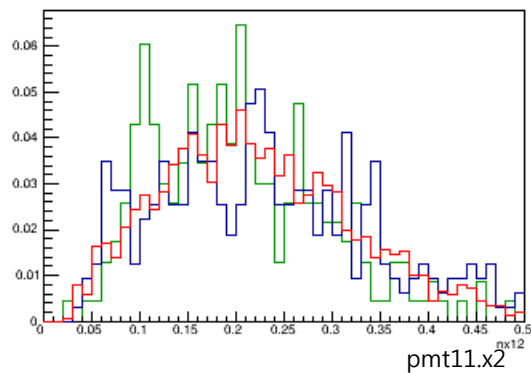
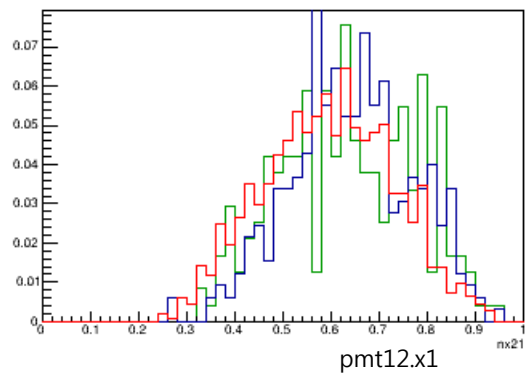
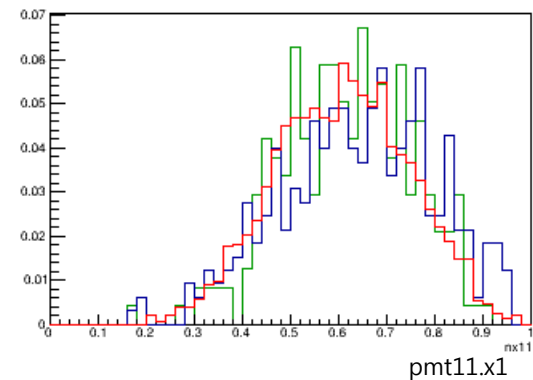
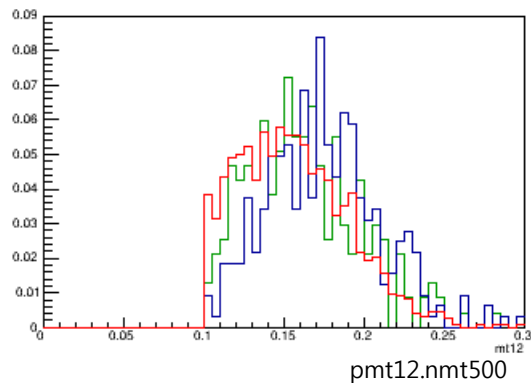
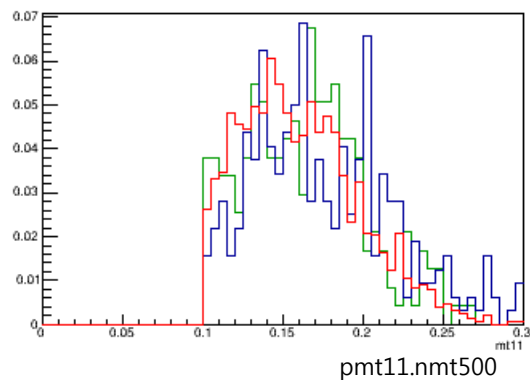
Efficiency (bdt > -0.05)

Red : KRISS – neutron
Blue : KRISS – Na22
Green : COSINE – Co60



BDT variables (1~2 keV)

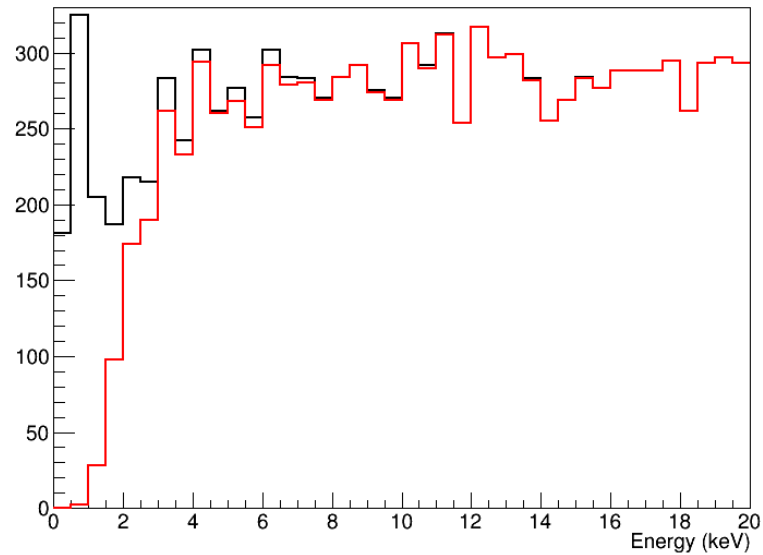
Red : KRISS – neutron
Blue : KRISS – Na22
Green : COSINE – Co60



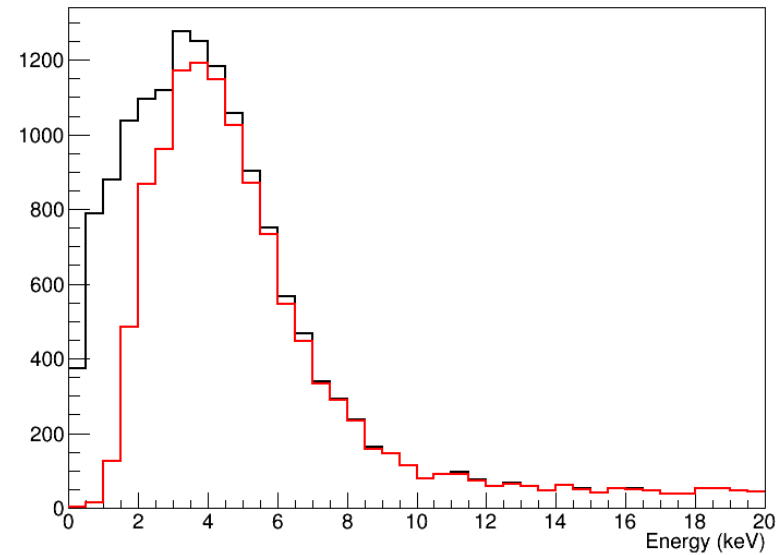
BDT efficiency (bdt > 0)

Red : KRISS – neutron
Blue : KRISS – Na22
Green : COSINE – Co60

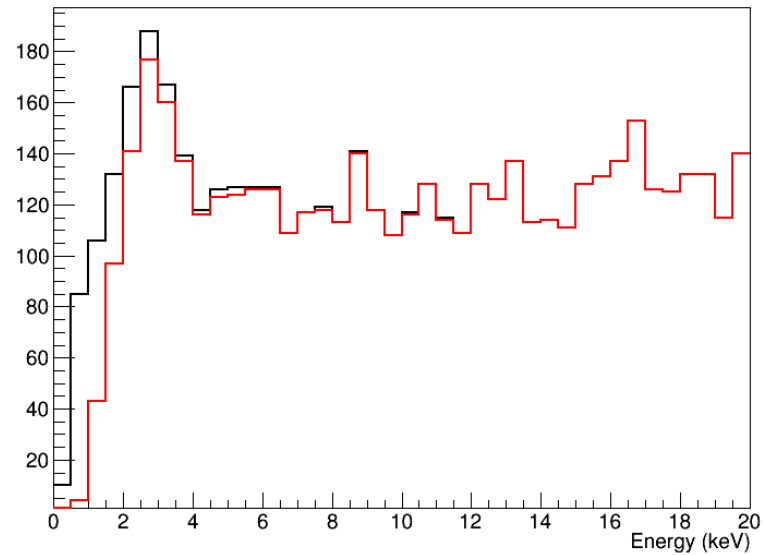
KRISS – Na22



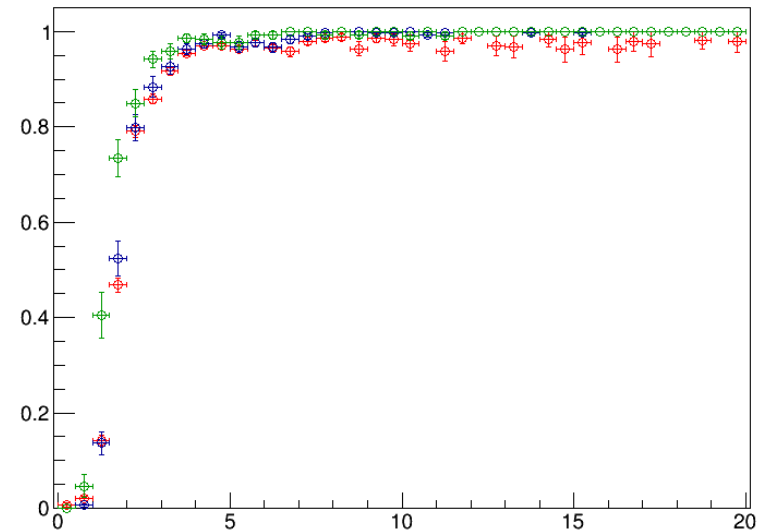
KRISS – Neutron



COSINE – Co60



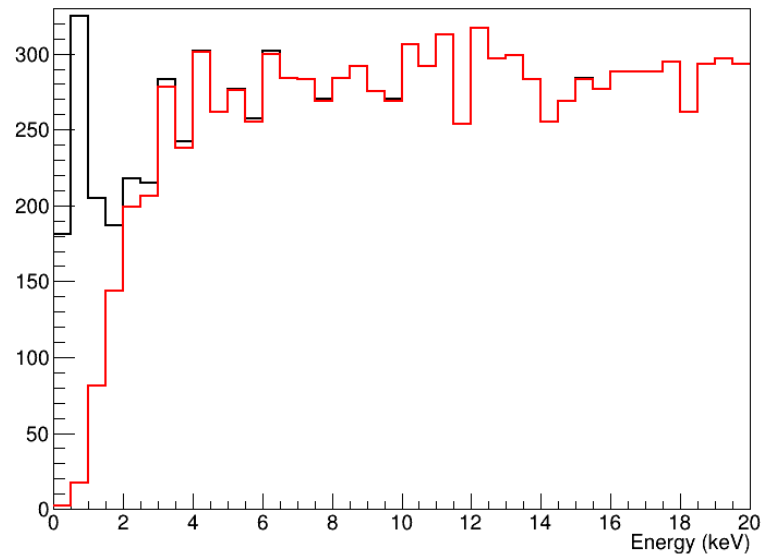
Efficiency



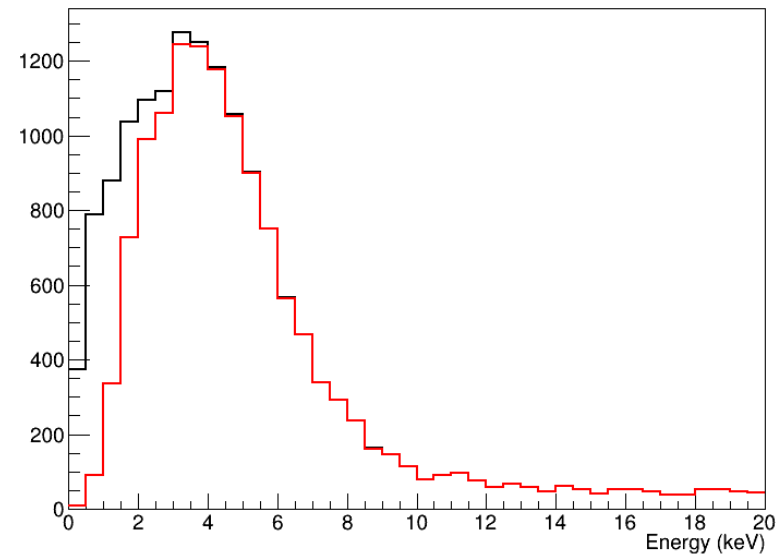
BDT efficiency (bdt > -0.05)

Red : KRISS – neutron
Blue : KRISS – Na22
Green : COSINE – Co60

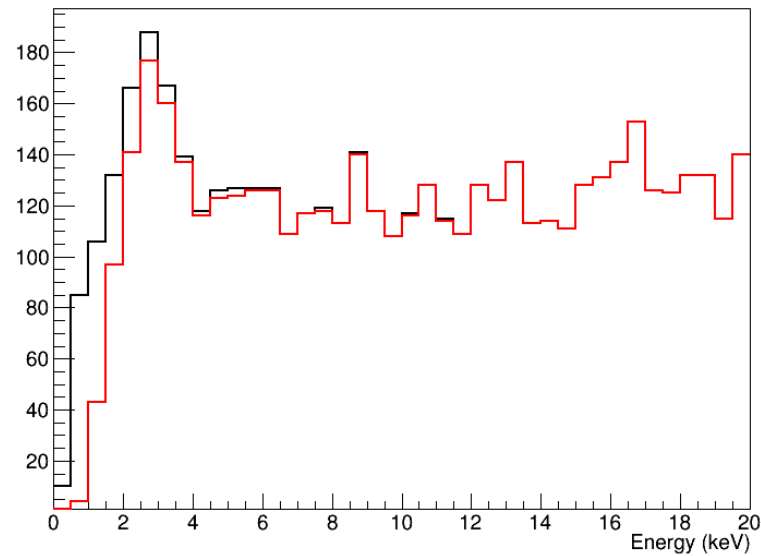
KRISS – Na22



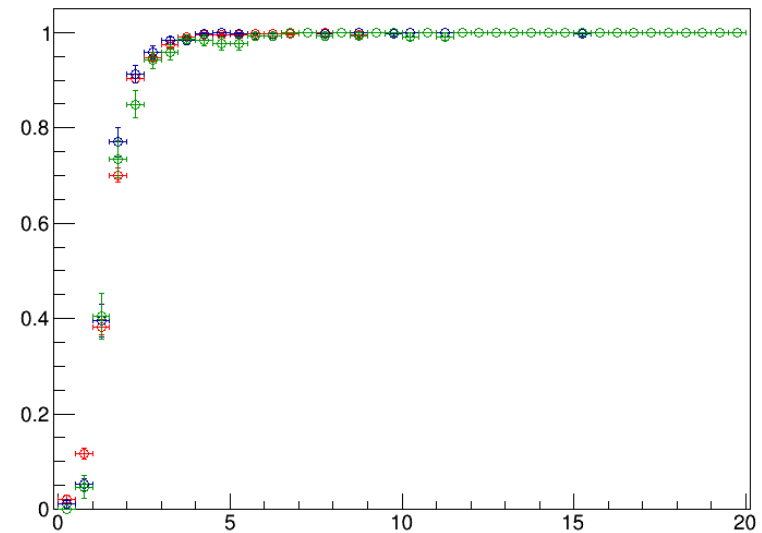
KRISS – Neutron



COSINE – Co60



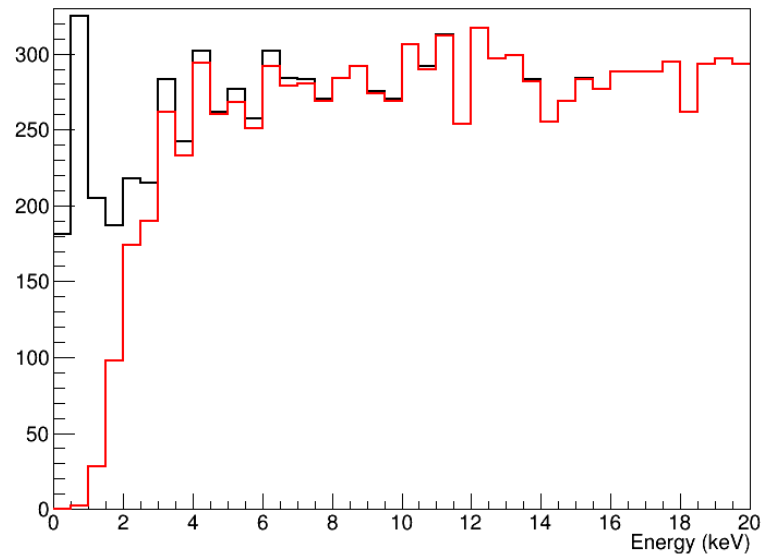
Efficiency



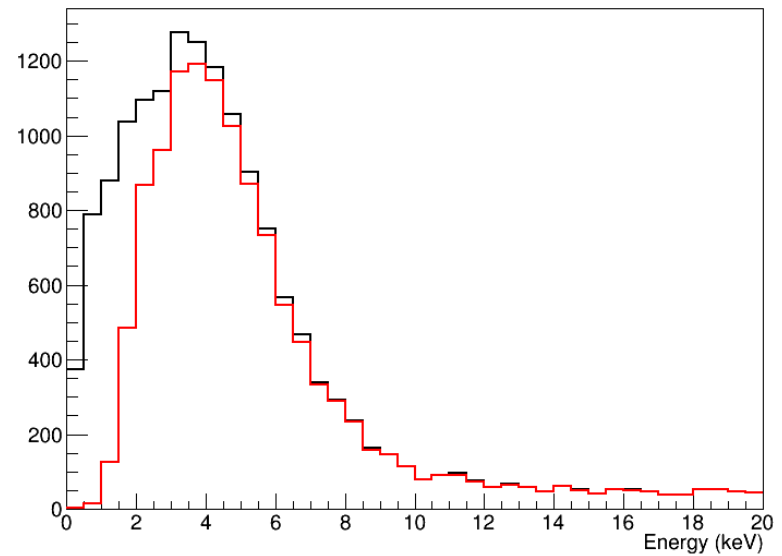
BDT efficiency (bdt > 0)

Red : KRISS – neutron
Blue : KRISS – Na22
Green : COSINE – Co60

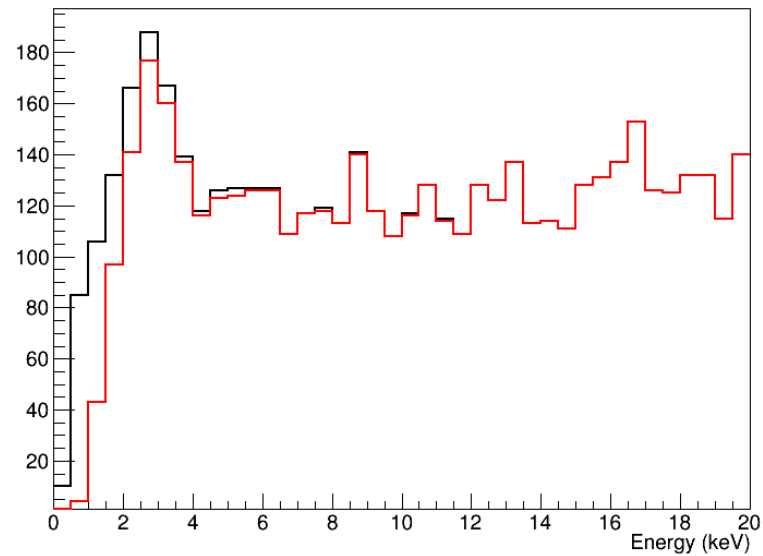
KRISS – Na22



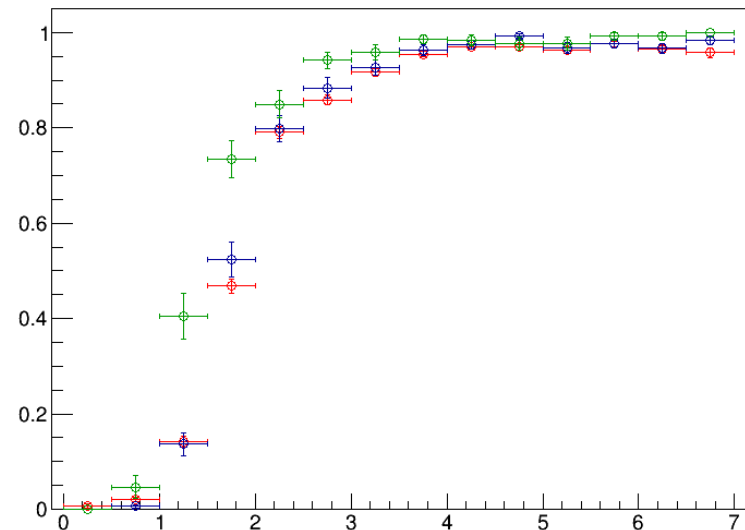
KRISS – Neutron



COSINE – Co60



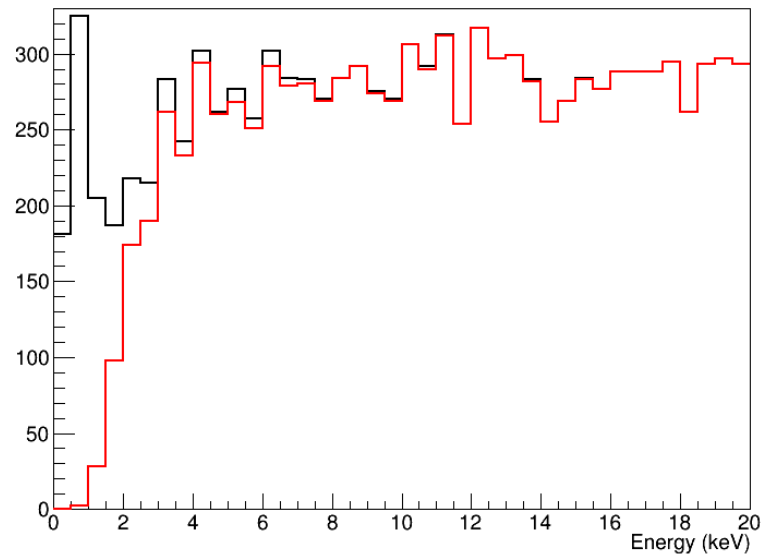
Efficiency



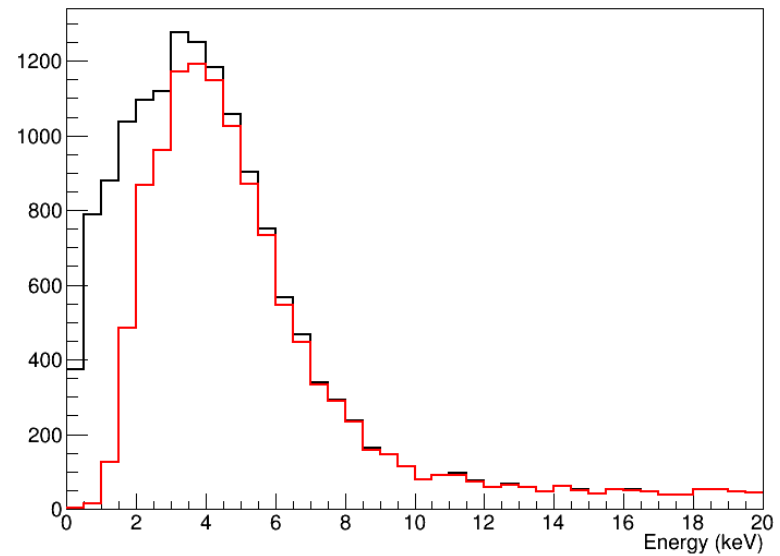
BDT efficiency (bdt > -0.05)

Red : KRISS – neutron
Blue : KRISS – Na22
Green : COSINE – Co60

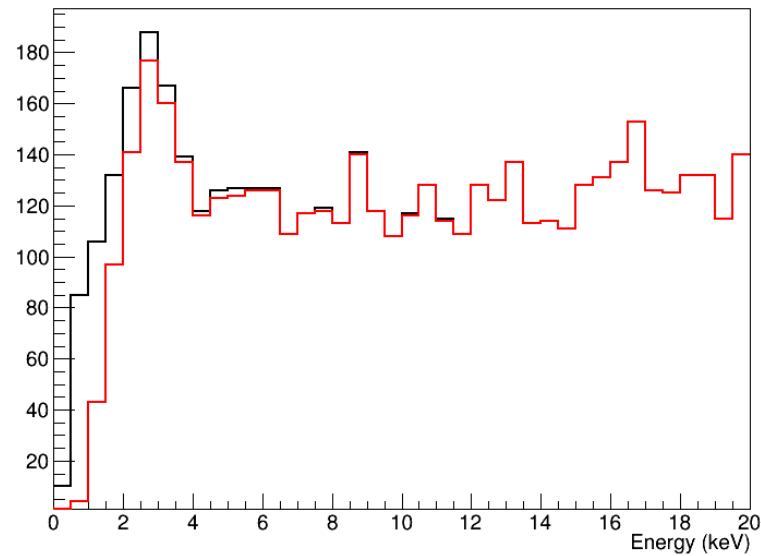
KRISS – Na22



KRISS – Neutron



COSINE – Co60



Efficiency

