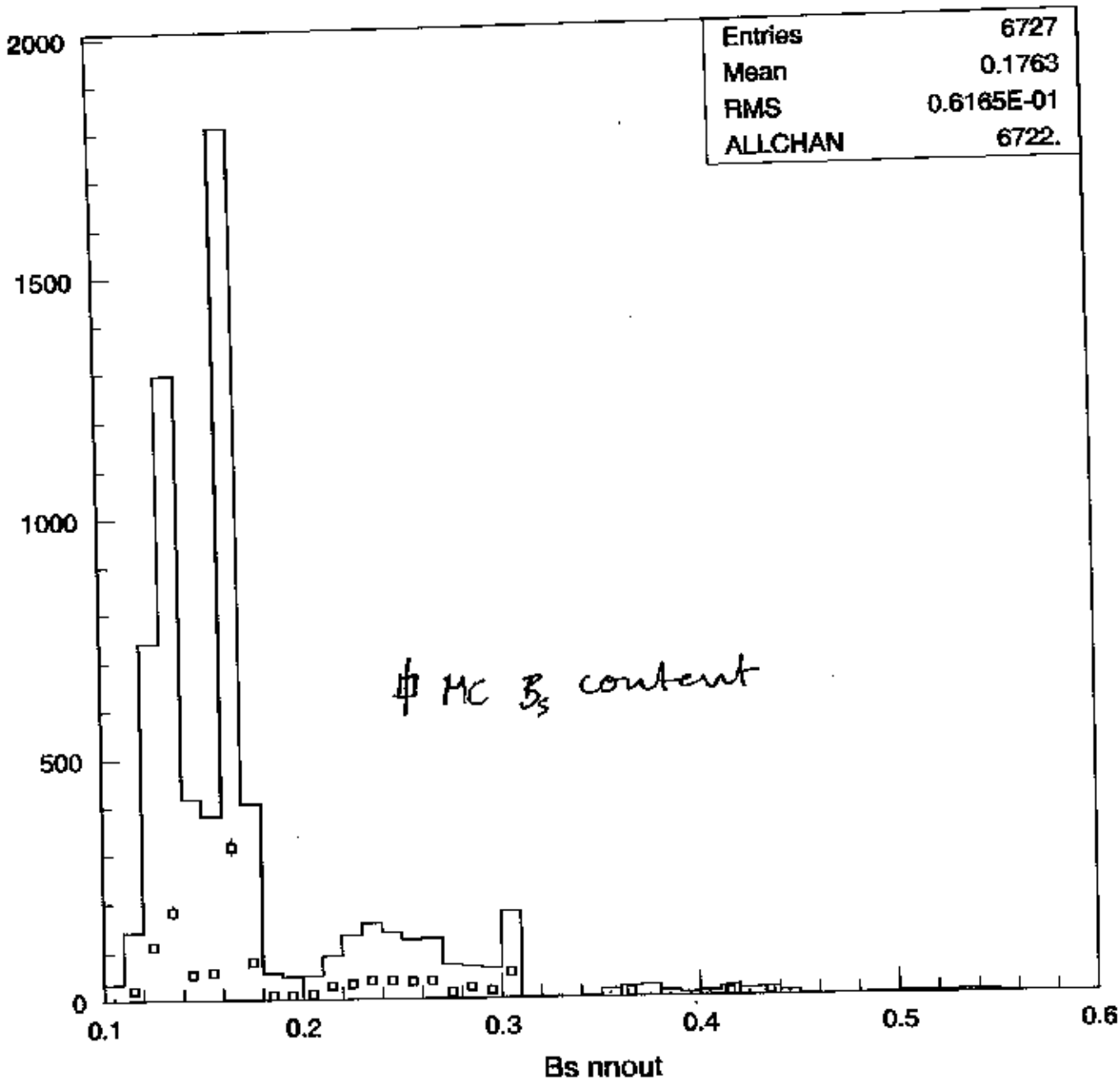
B_s fraction NN

01/02/19 15.52

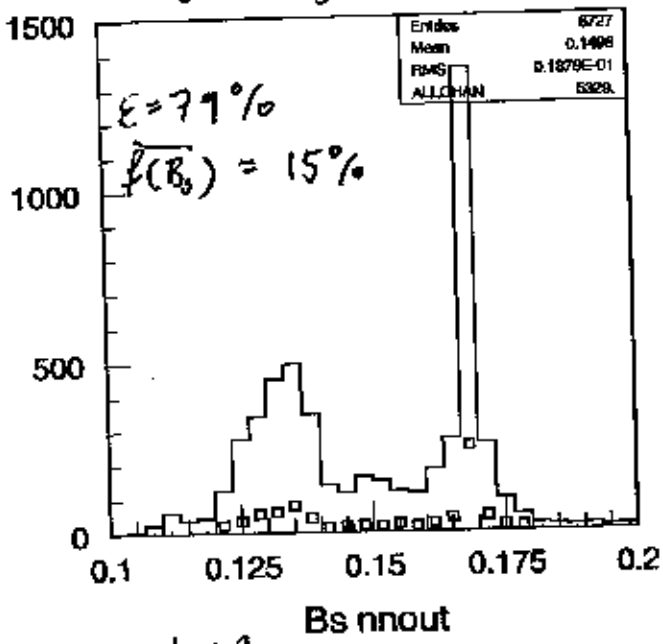
Dipole events, CRID on Spr. 98 MC



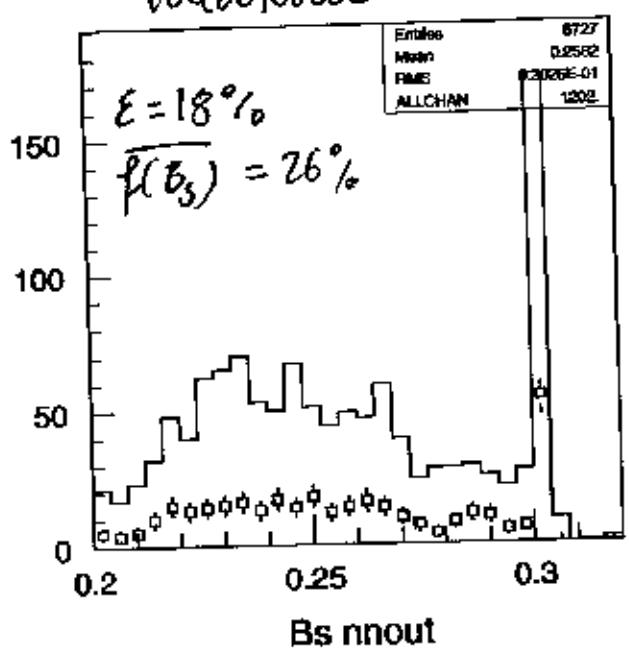
split into 3 bins:

01/02/19 15.50

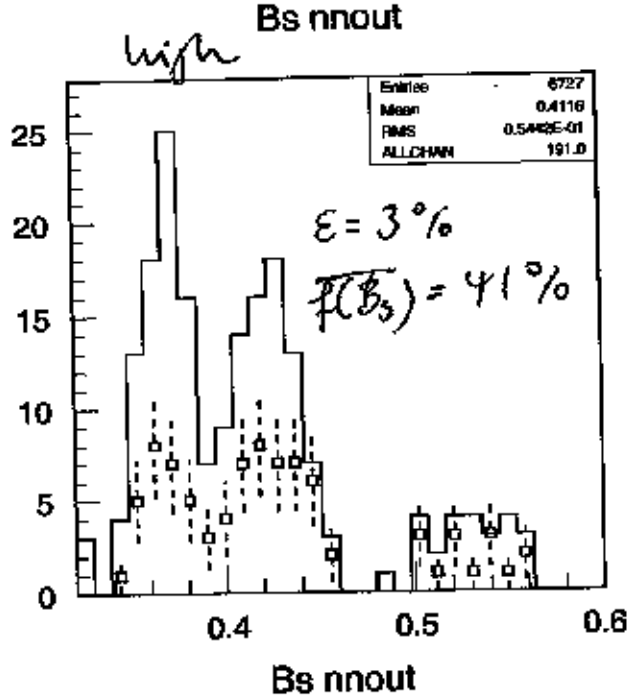
low B_s



medium



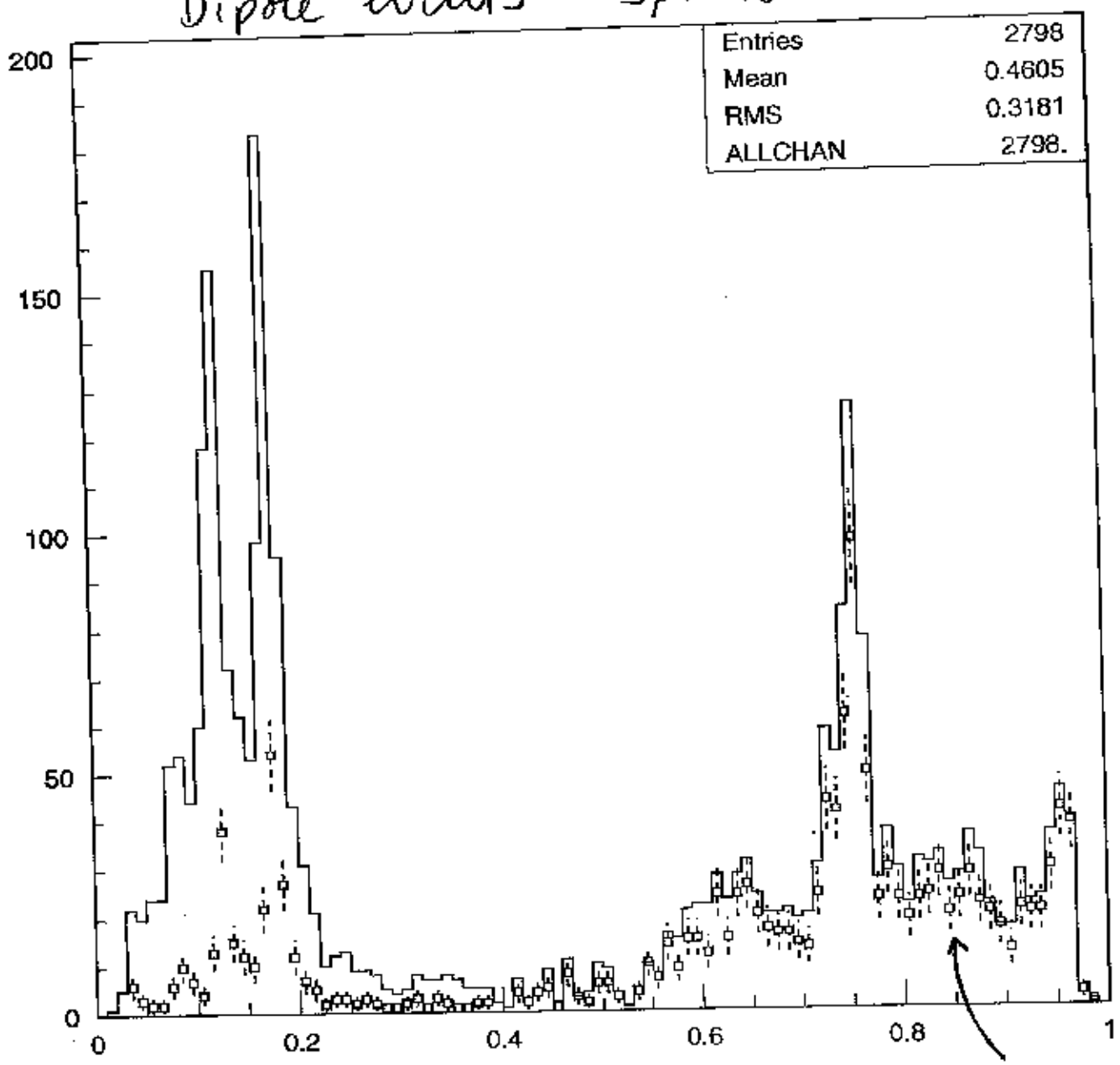
high



Dipole tag NN

01/02/19 17.39

Dipole events spr. 98 MC



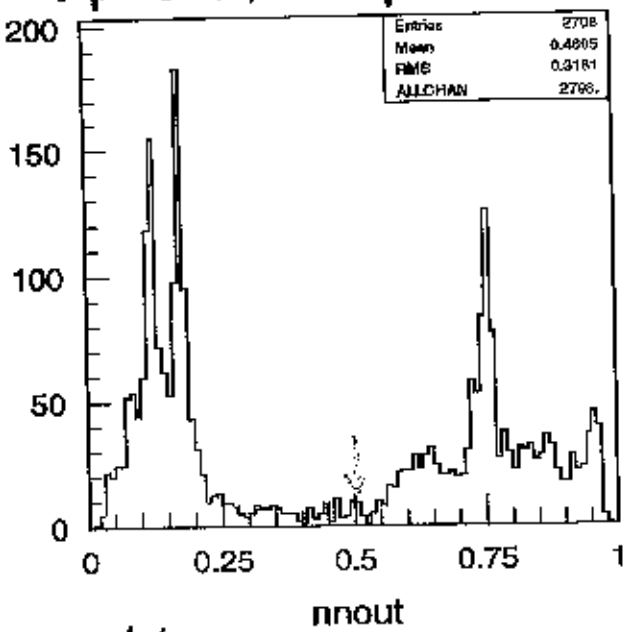
NN output : "btag" = 1 (btyp > 0) MC true btyp > 0

btag = 0 (btyp < 0)

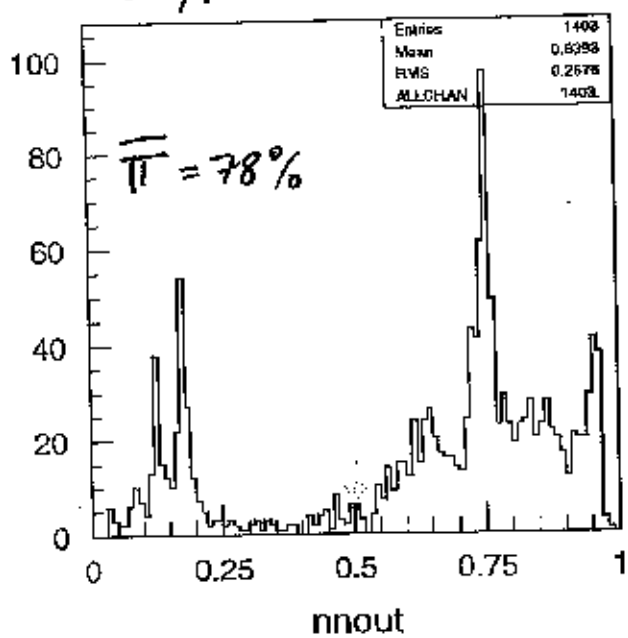
NN input : $Q_D - Q_B$, dbdv, dsec, # b tracks, # d tracks

#VXD, M_B, M_D

Dipole NN output

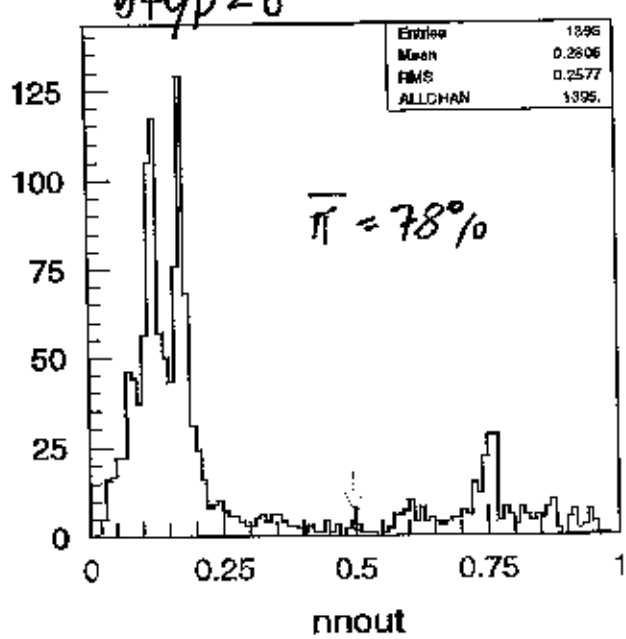


btyp > 0



$\overline{\pi} = 78\%$

btyp < 0



$\overline{\pi} = 78\%$

↗ why not symmetric ? statistics ?