Subject: how to calculate 'enhance'
Posted by Rama Prasad Adak on Tue, 11 Dec 2012 07:23:42 GMT
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In a macro of thermal source model of Ni+Ni 2 AGeV (R.H. 28/8/2000) (NiNi_2AGeV_ee.C), 'enhance' is used. I donot understand how to calculate it in a collision, say in Au + Au collision at 10 AGeV.
Also, Use of the 'Multiplicity' becomes difficult for me. If I change the multiplicity, no change is found in the total no of particle.
My algorithm (for 10 gev omega particle from fireball) is simple :
1> creating a fireball for omega.
2> setting multiplicity for omega.
3. a value of enhance (donot know how to calculate it)
4. make a decay channel omega -> mu+ + mu- with a branching ratio and multiplicity.

There are no errors after compiling the code but the number of particles donot change with multiplicity or weight factor.
if anyone has any idea.