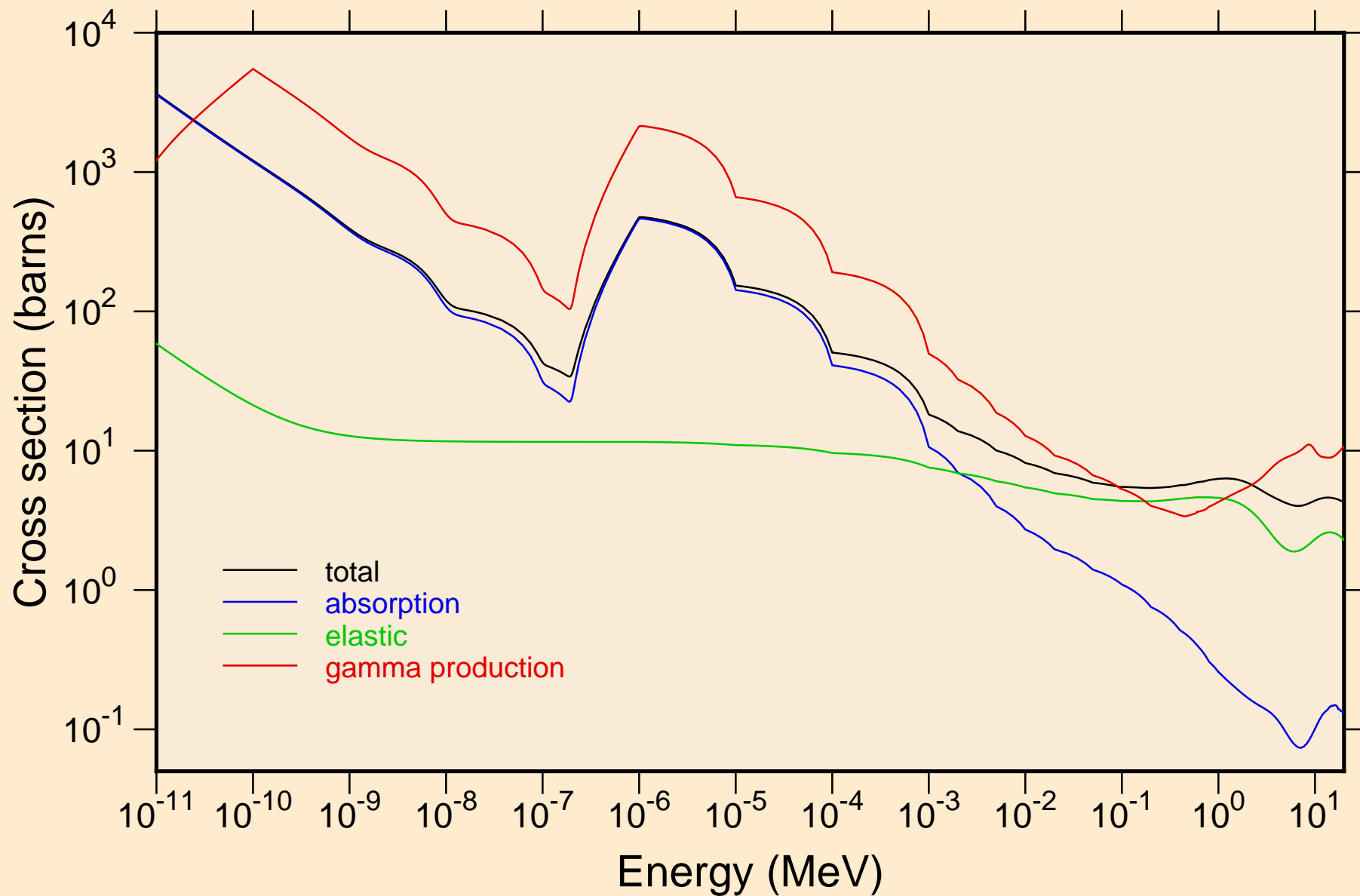
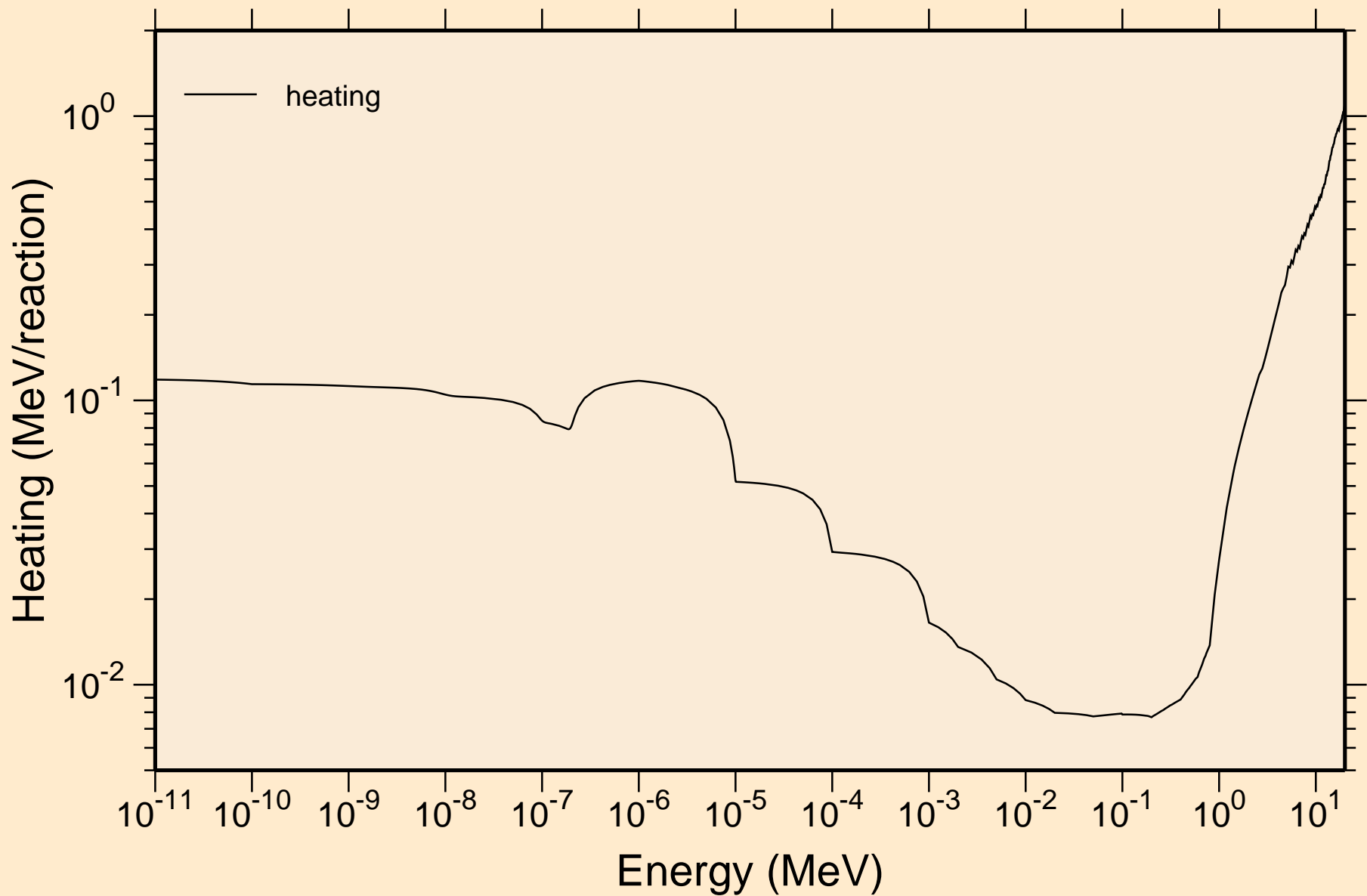


# MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC

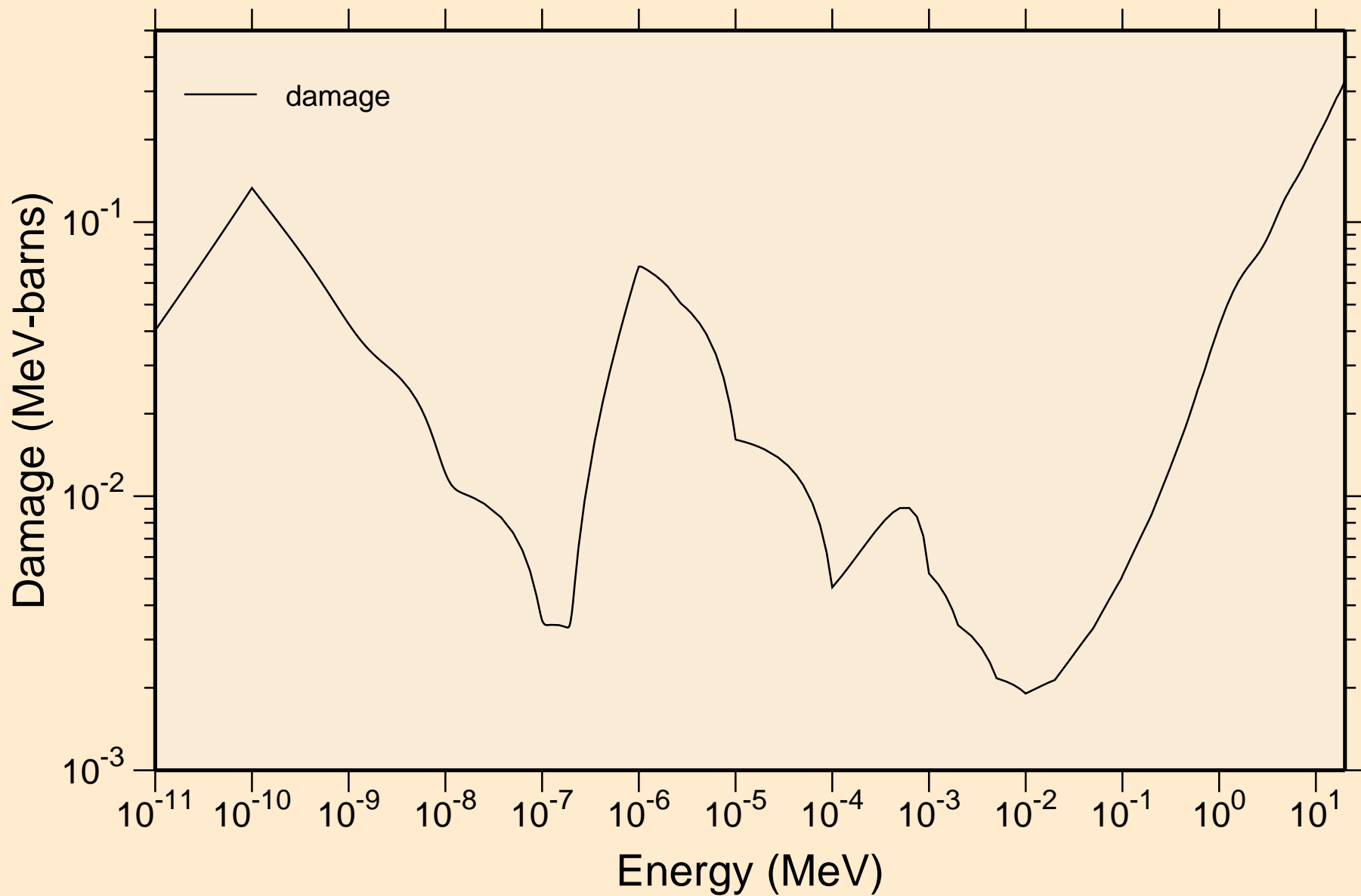
## Principal cross sections



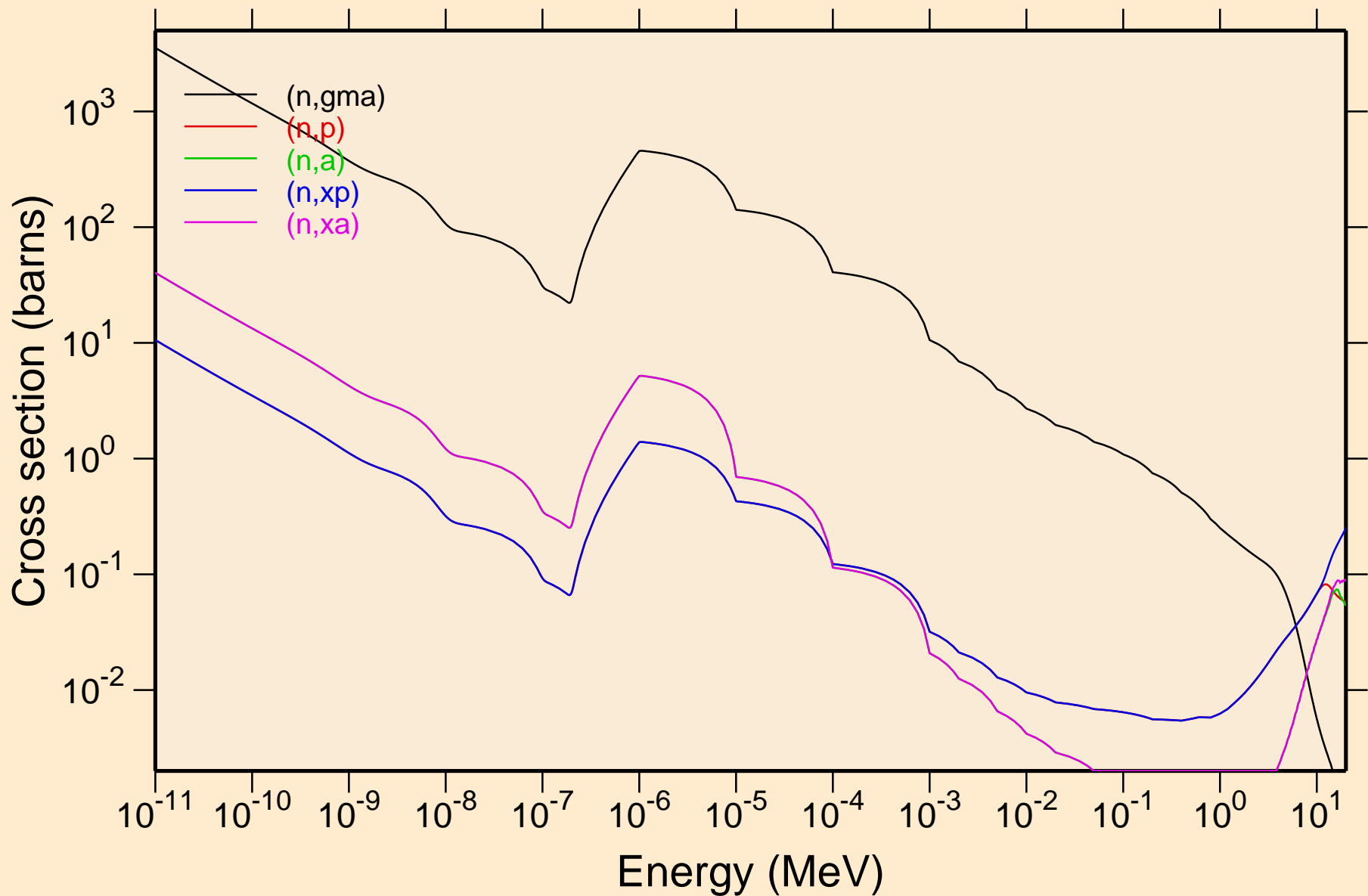
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Damage

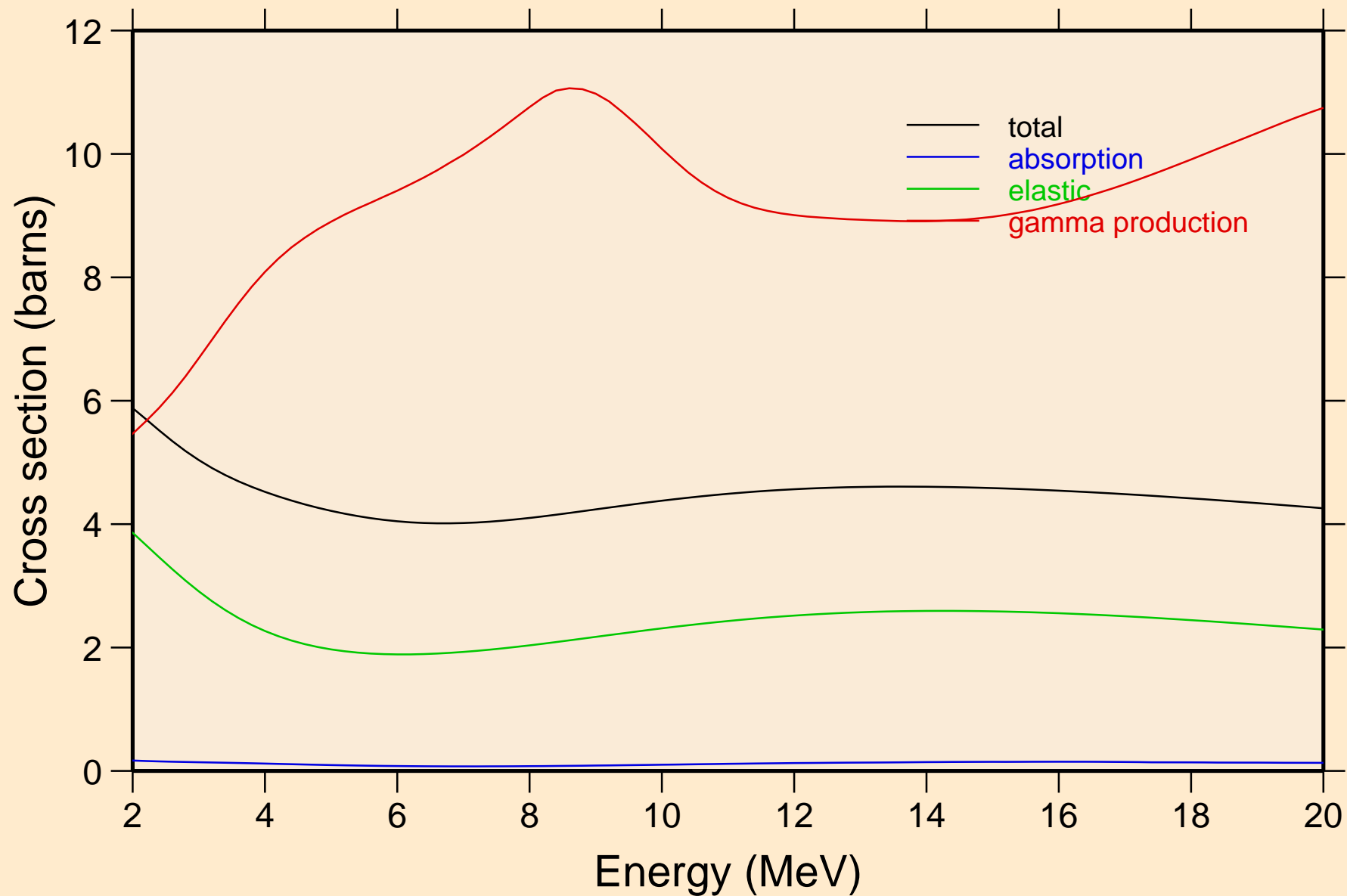


MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Non-threshold reactions

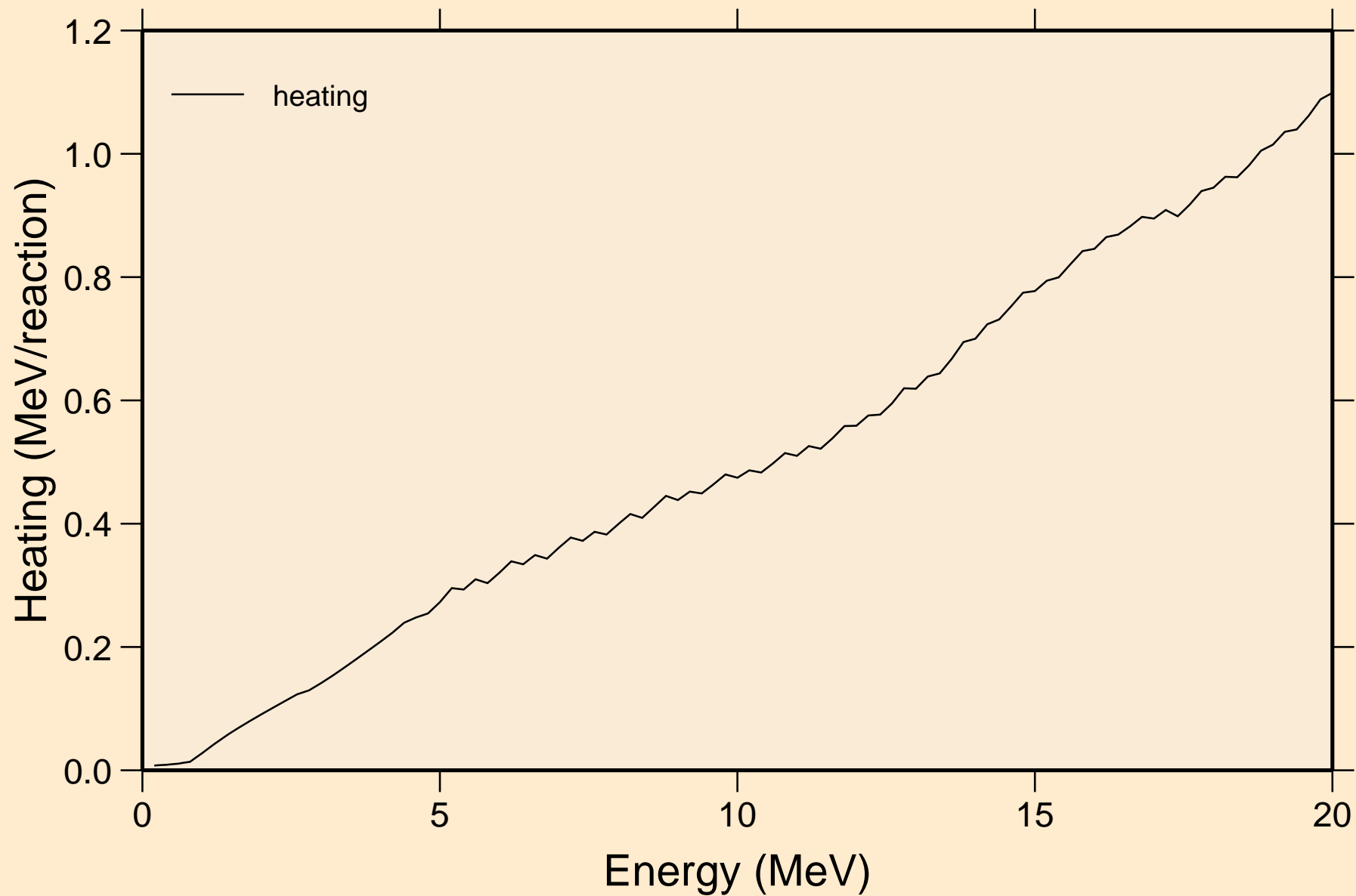


# MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC

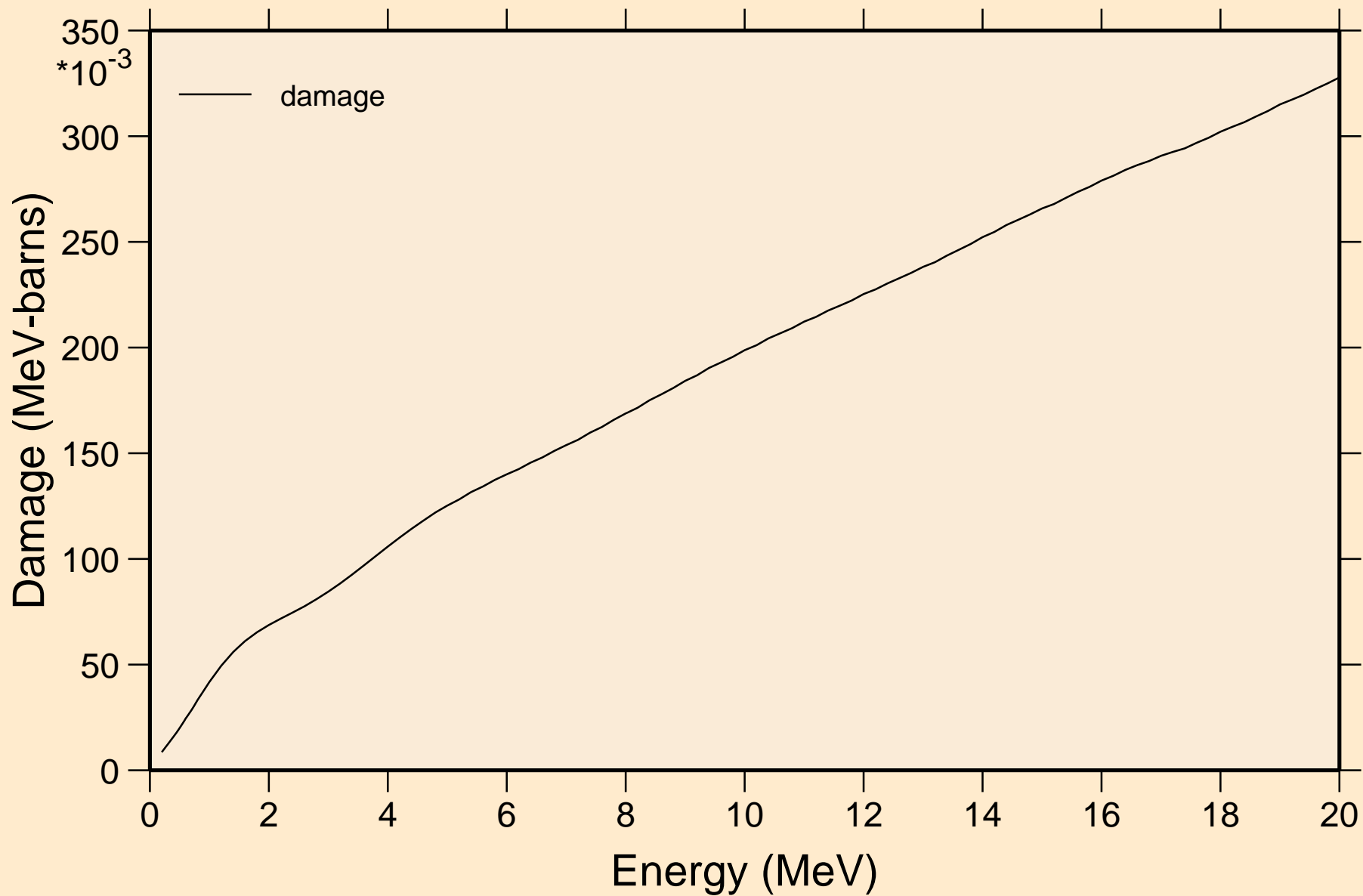
## Principal cross sections



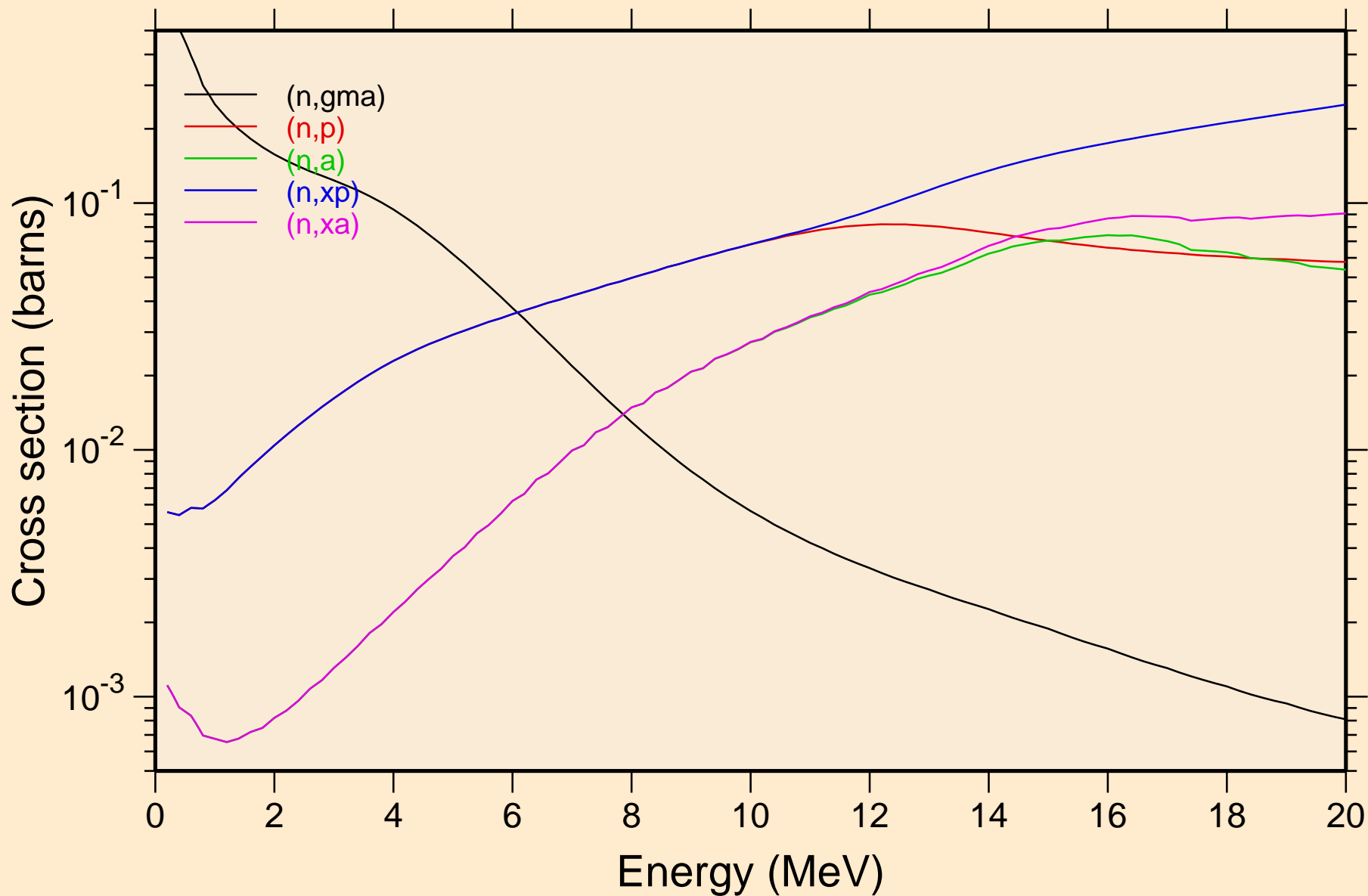
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Damage

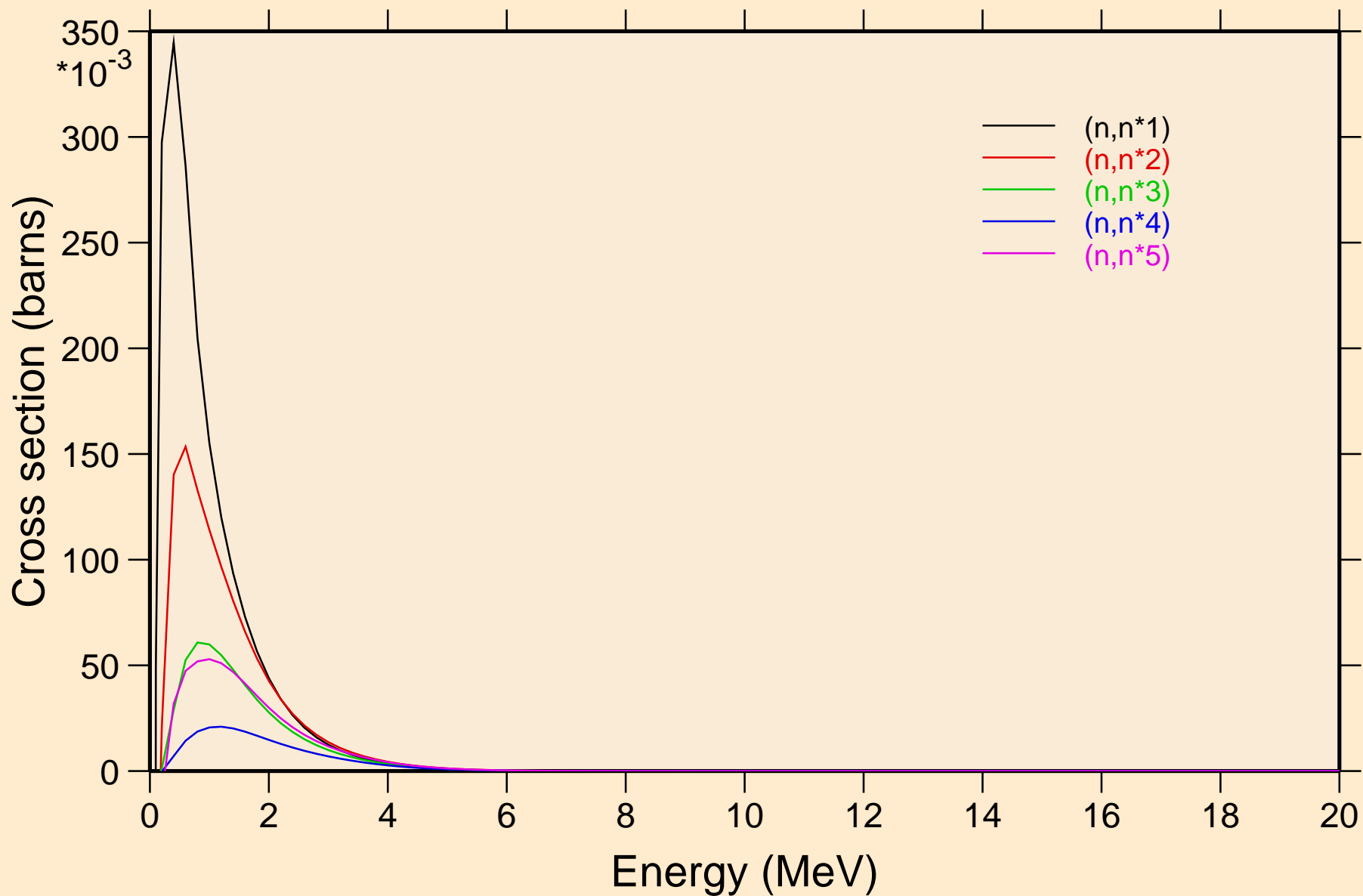


MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Non-threshold reactions

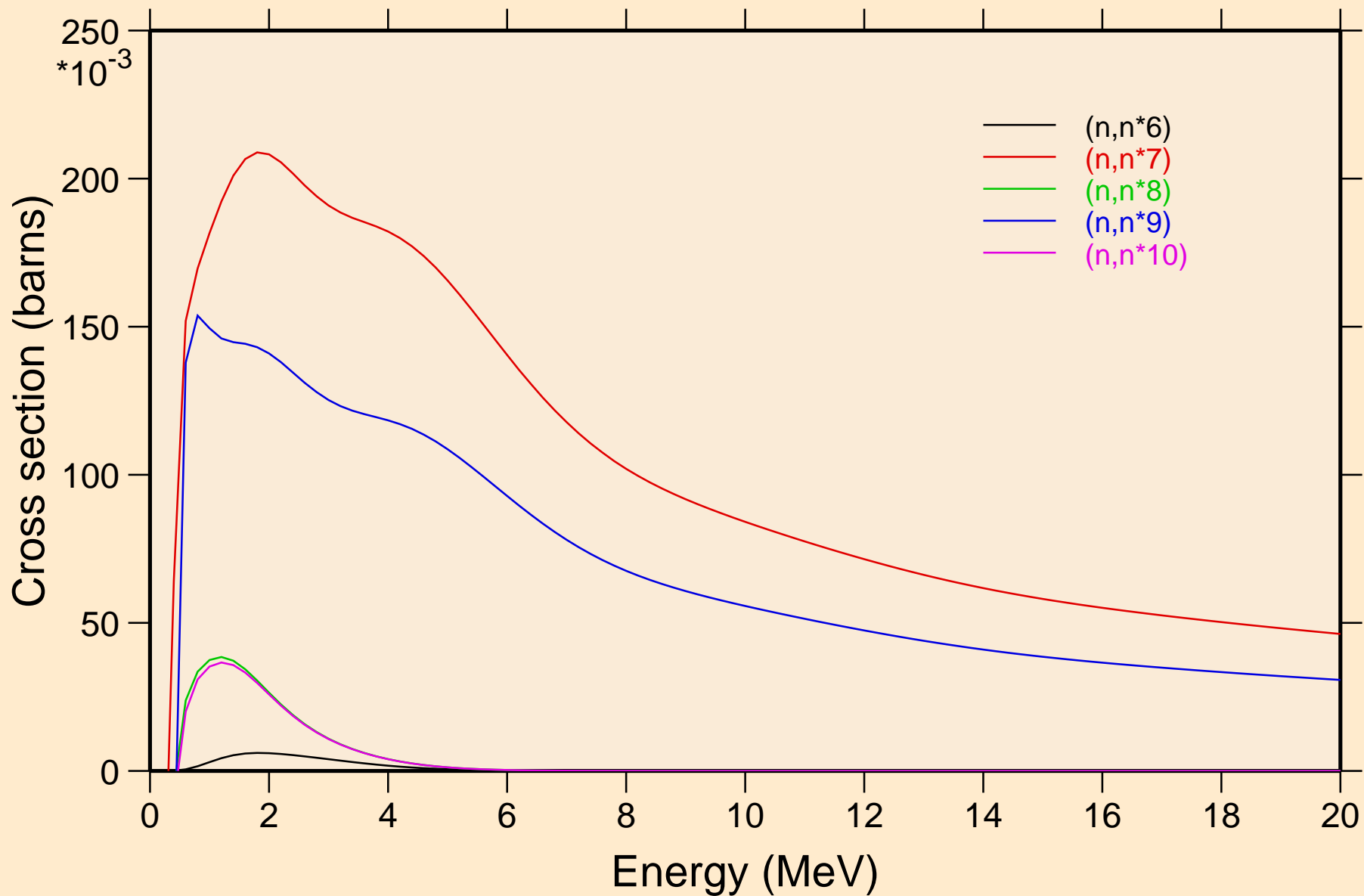




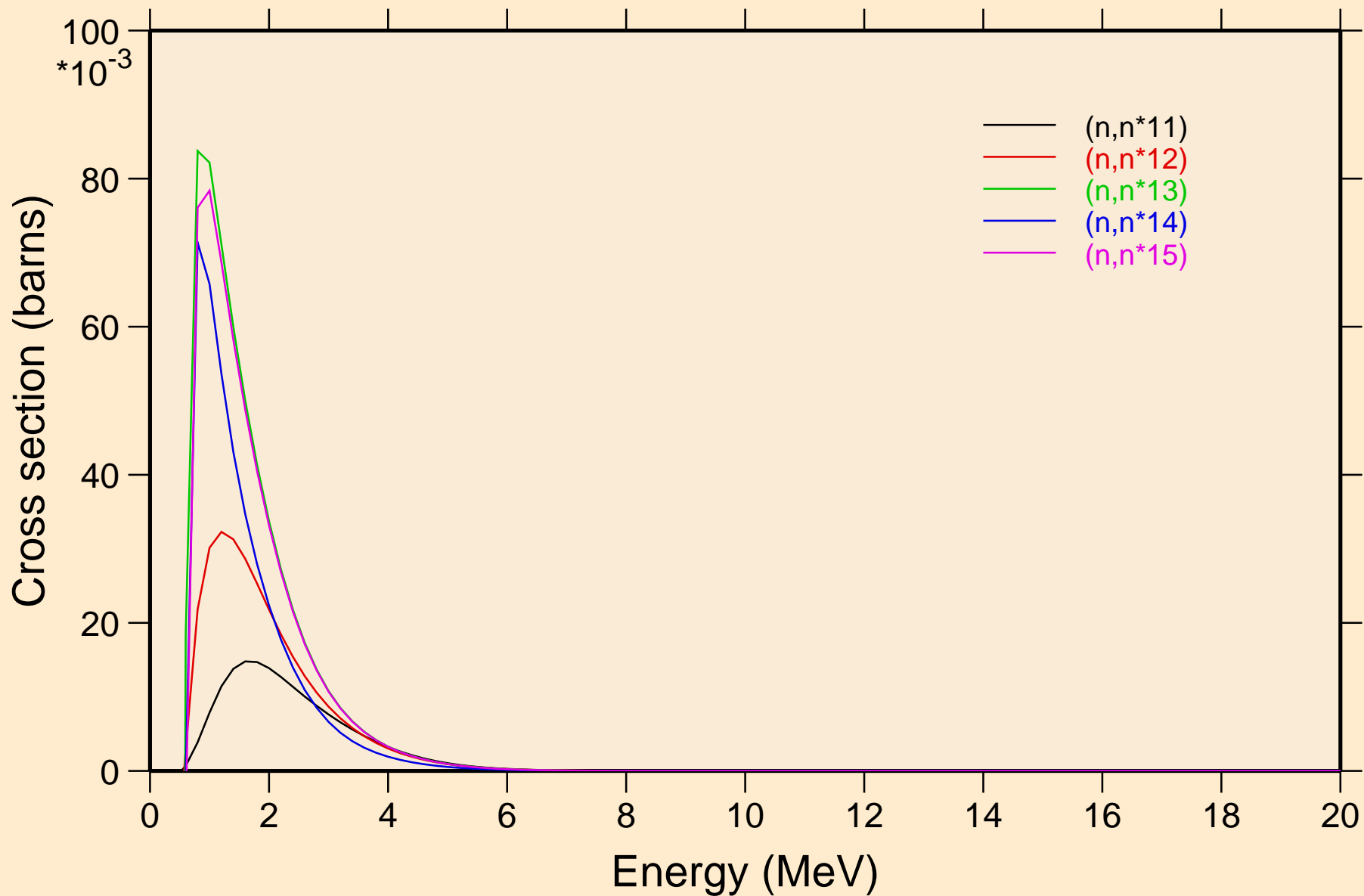
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



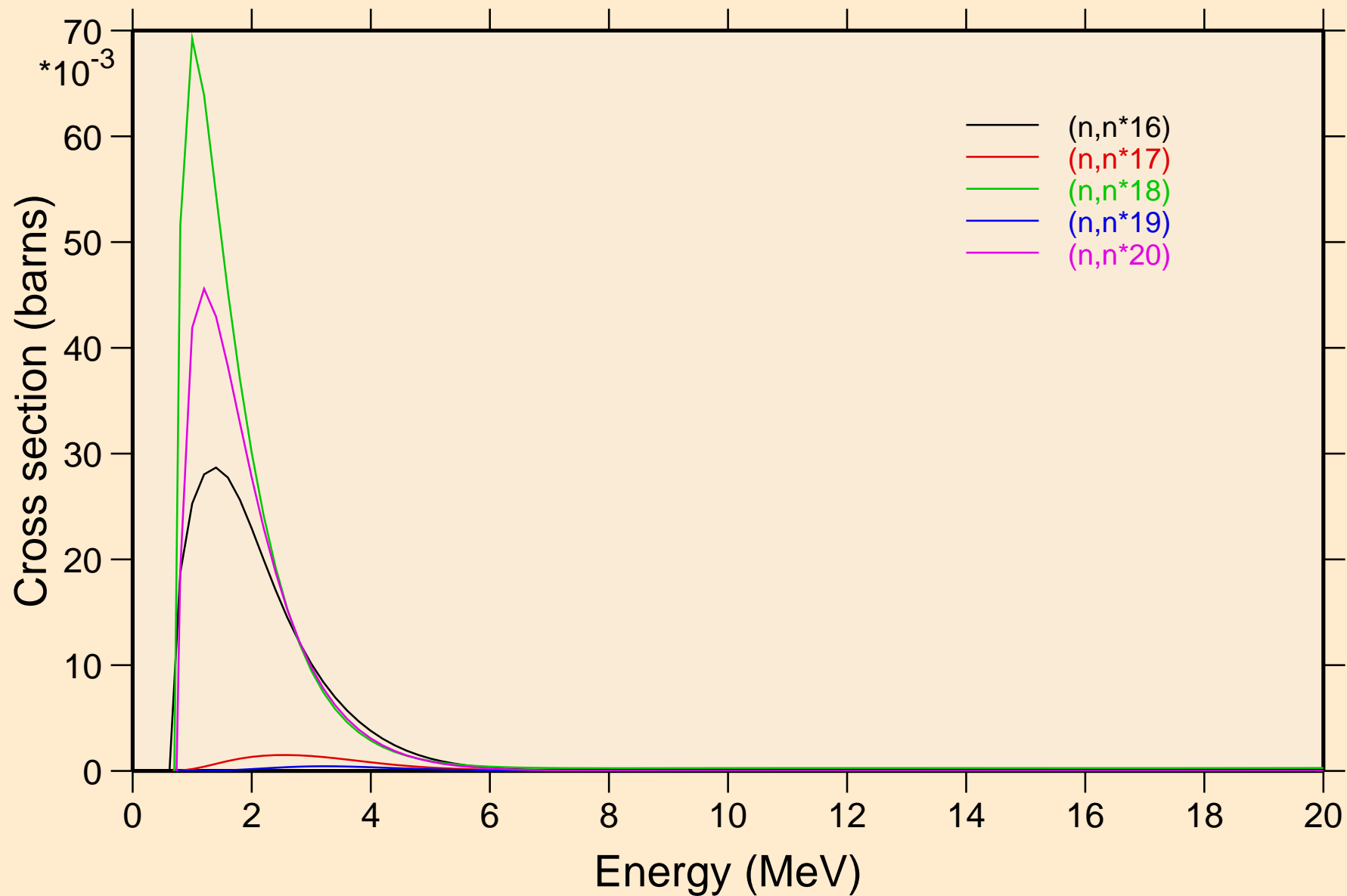
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Inelastic levels



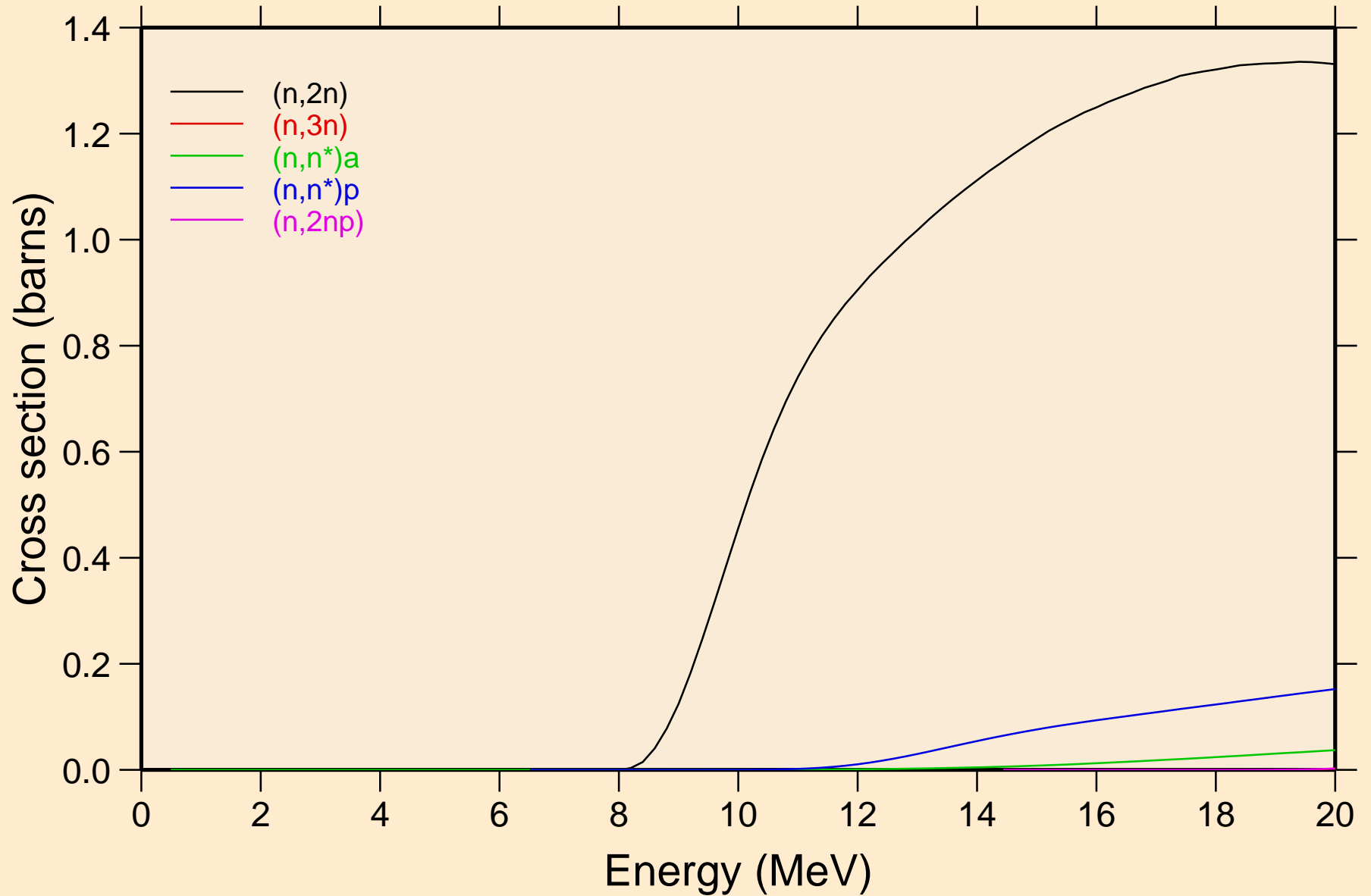
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



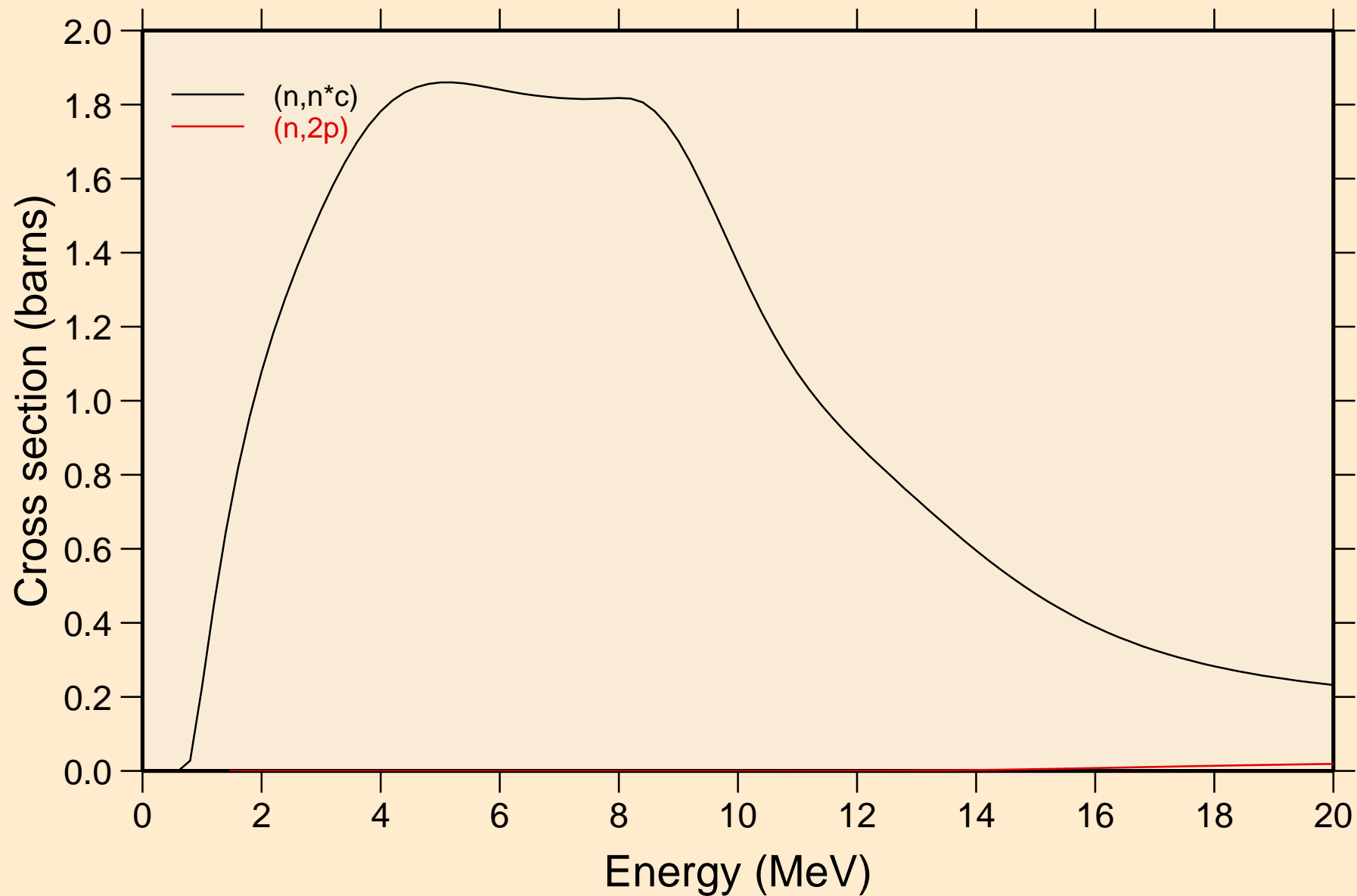
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



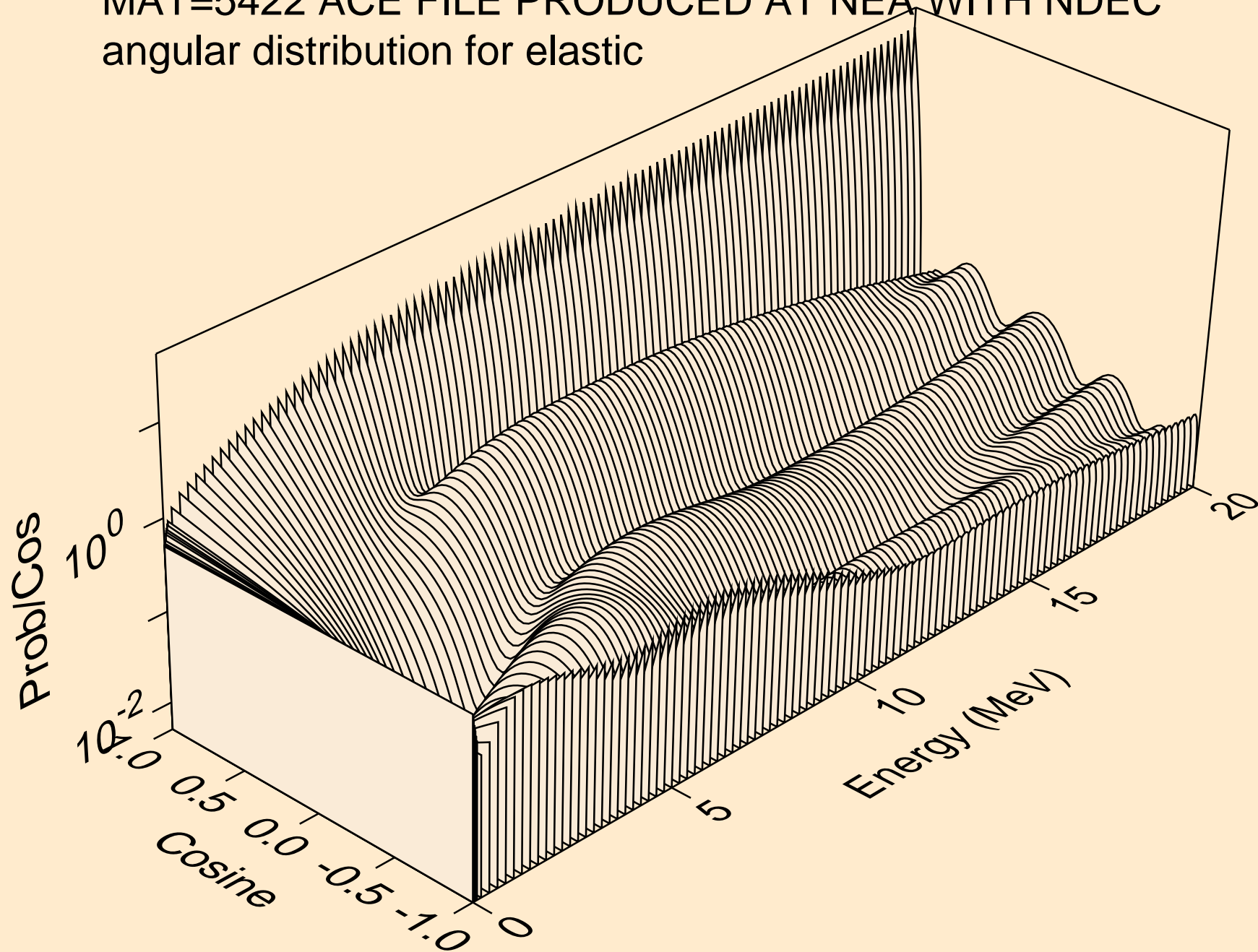
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



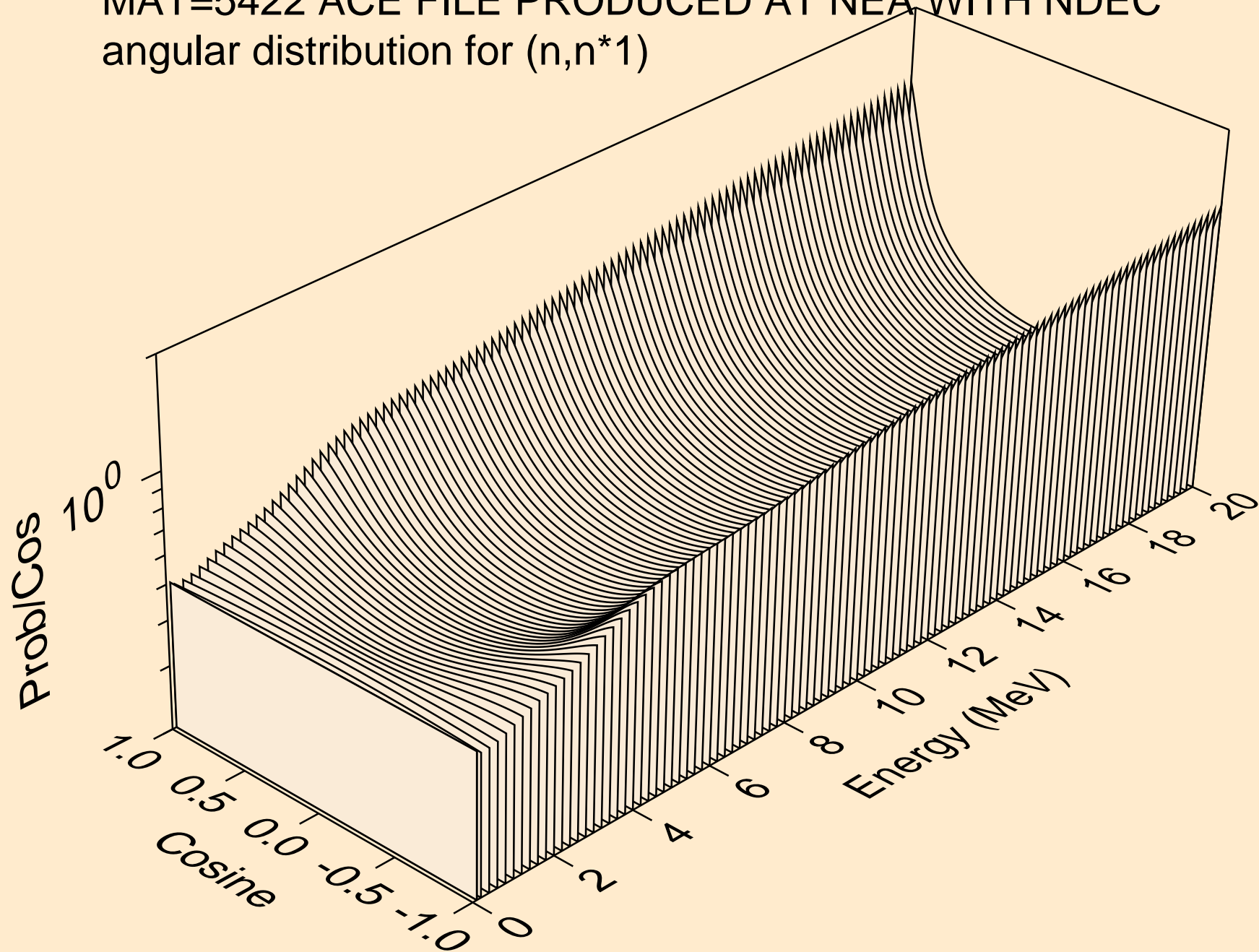
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for elastic

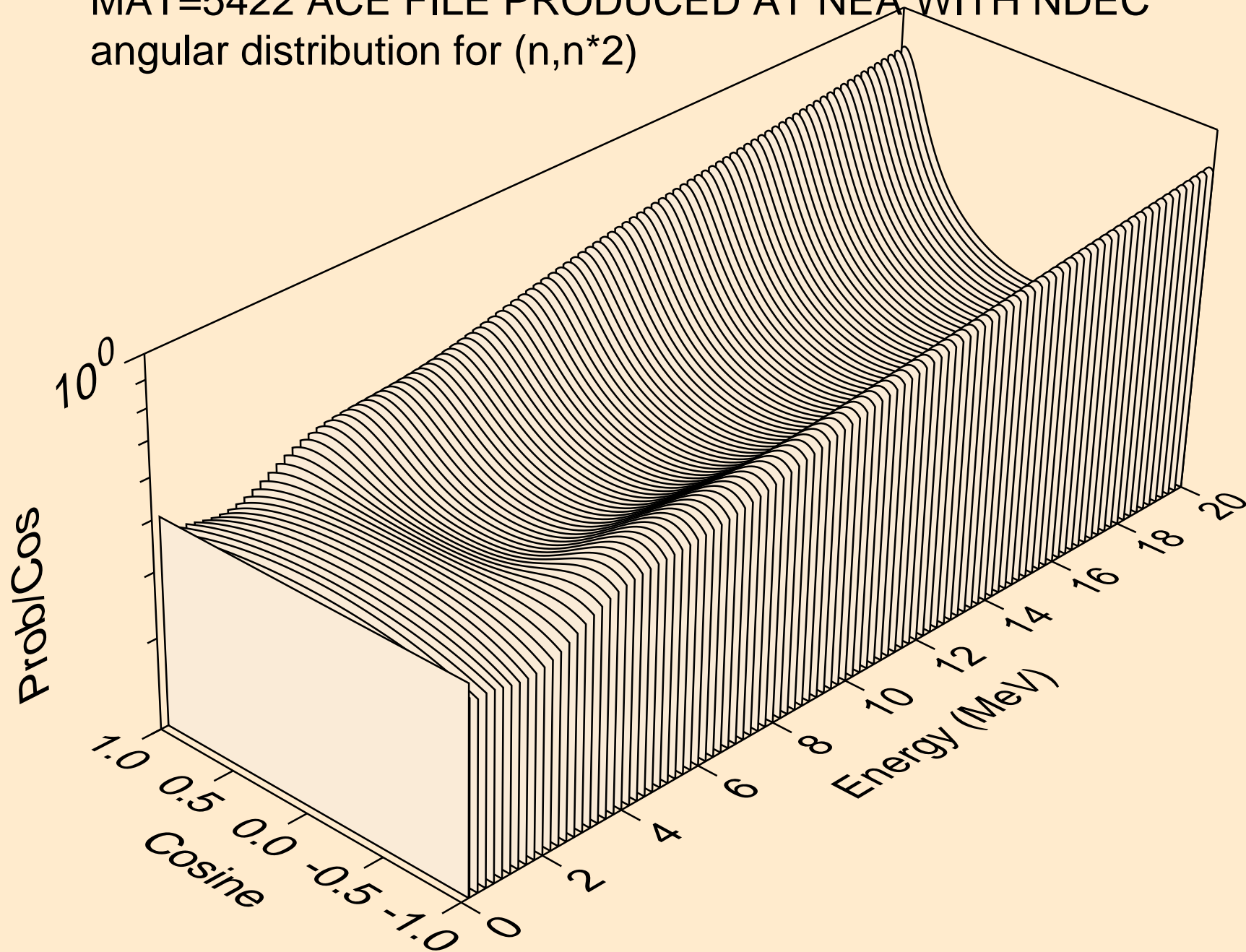


MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*1)

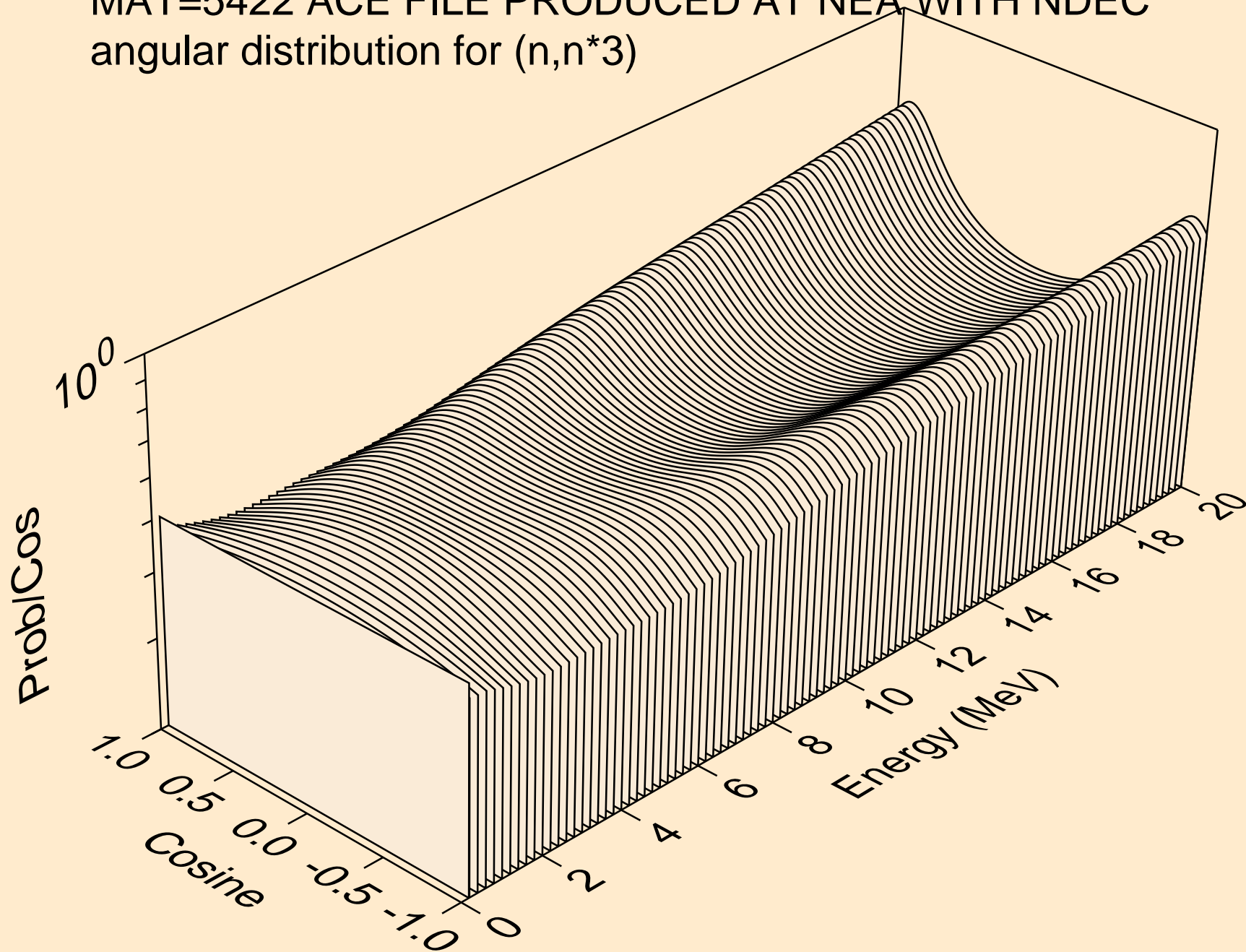




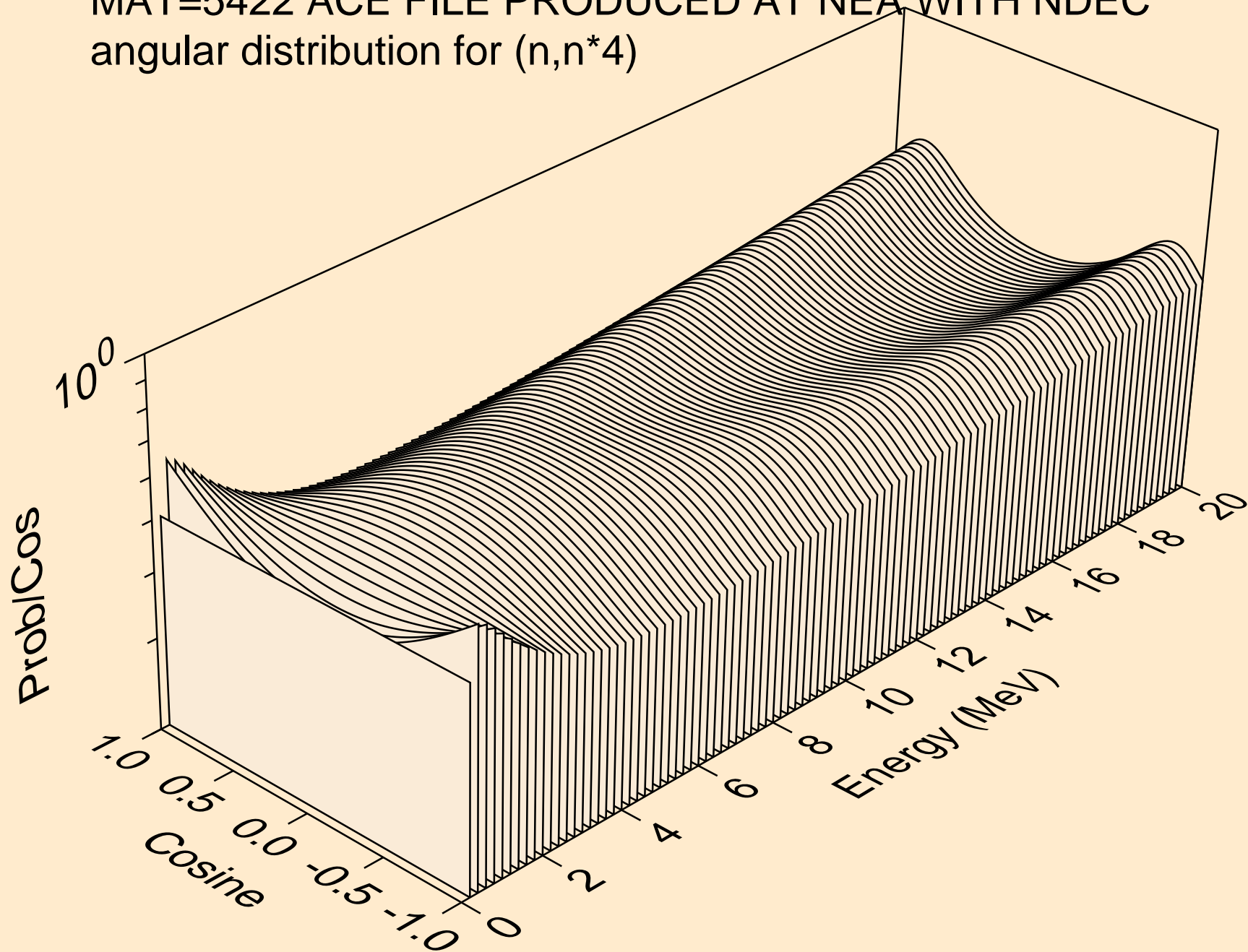
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*2)



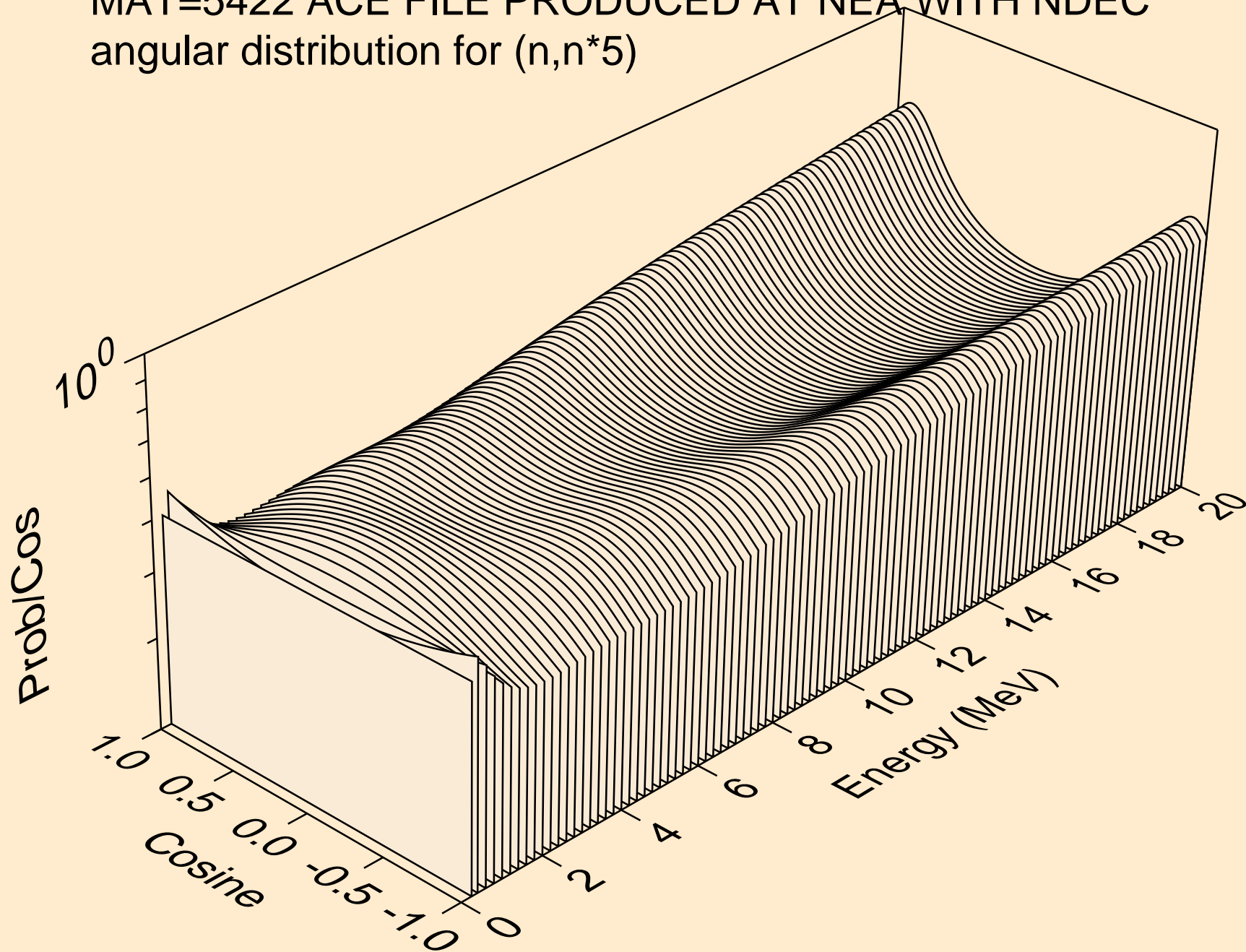
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*3)



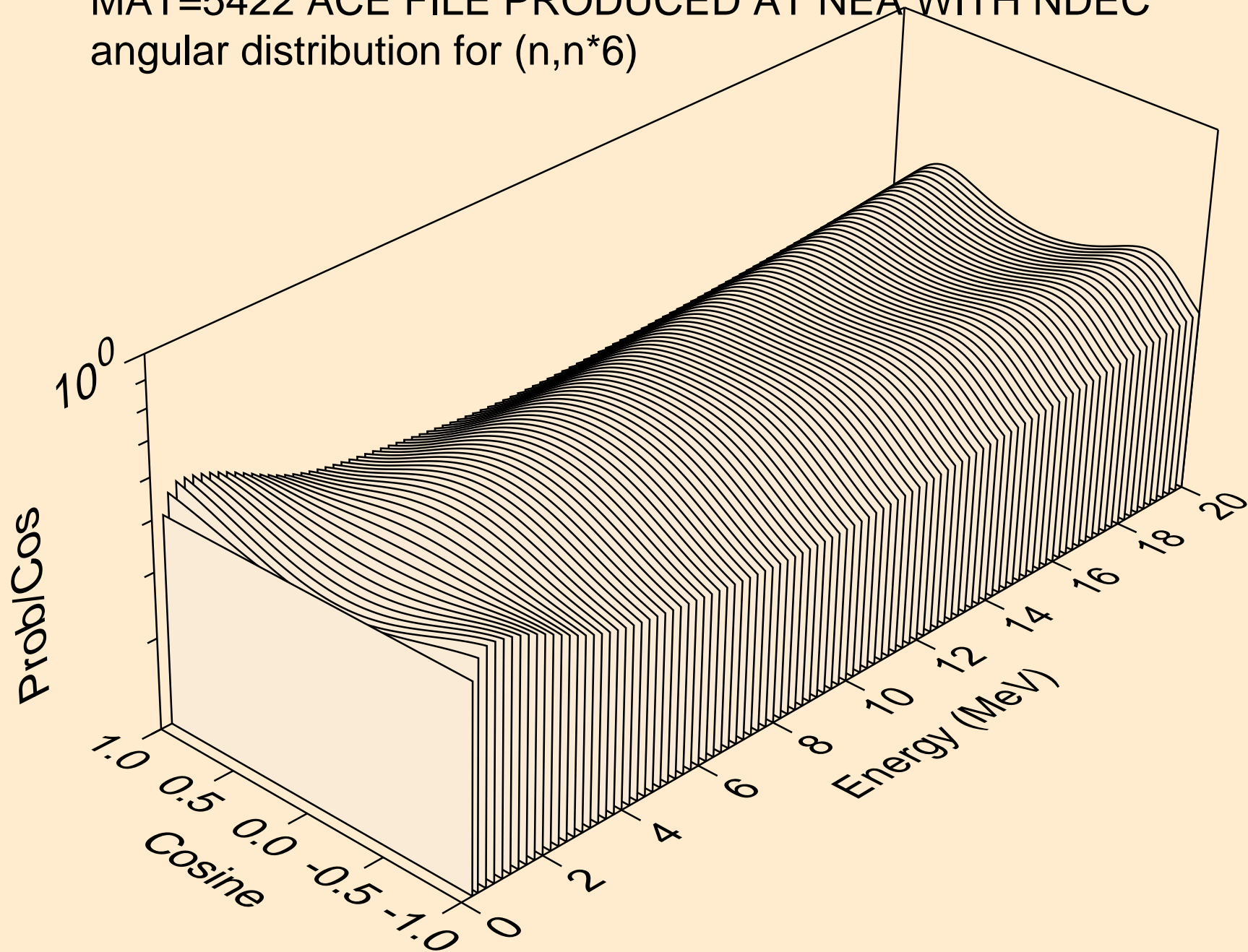
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*4)



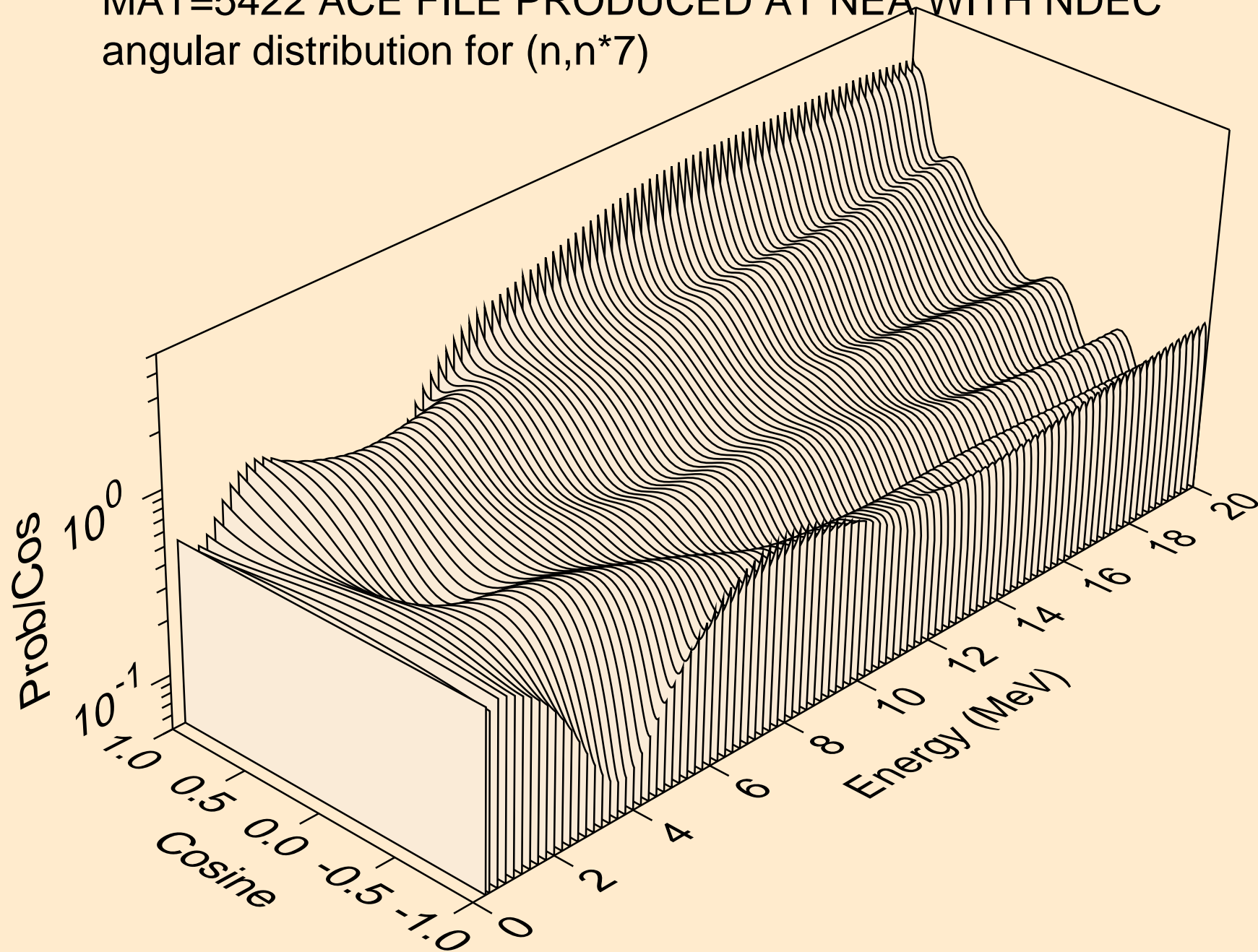
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*5)



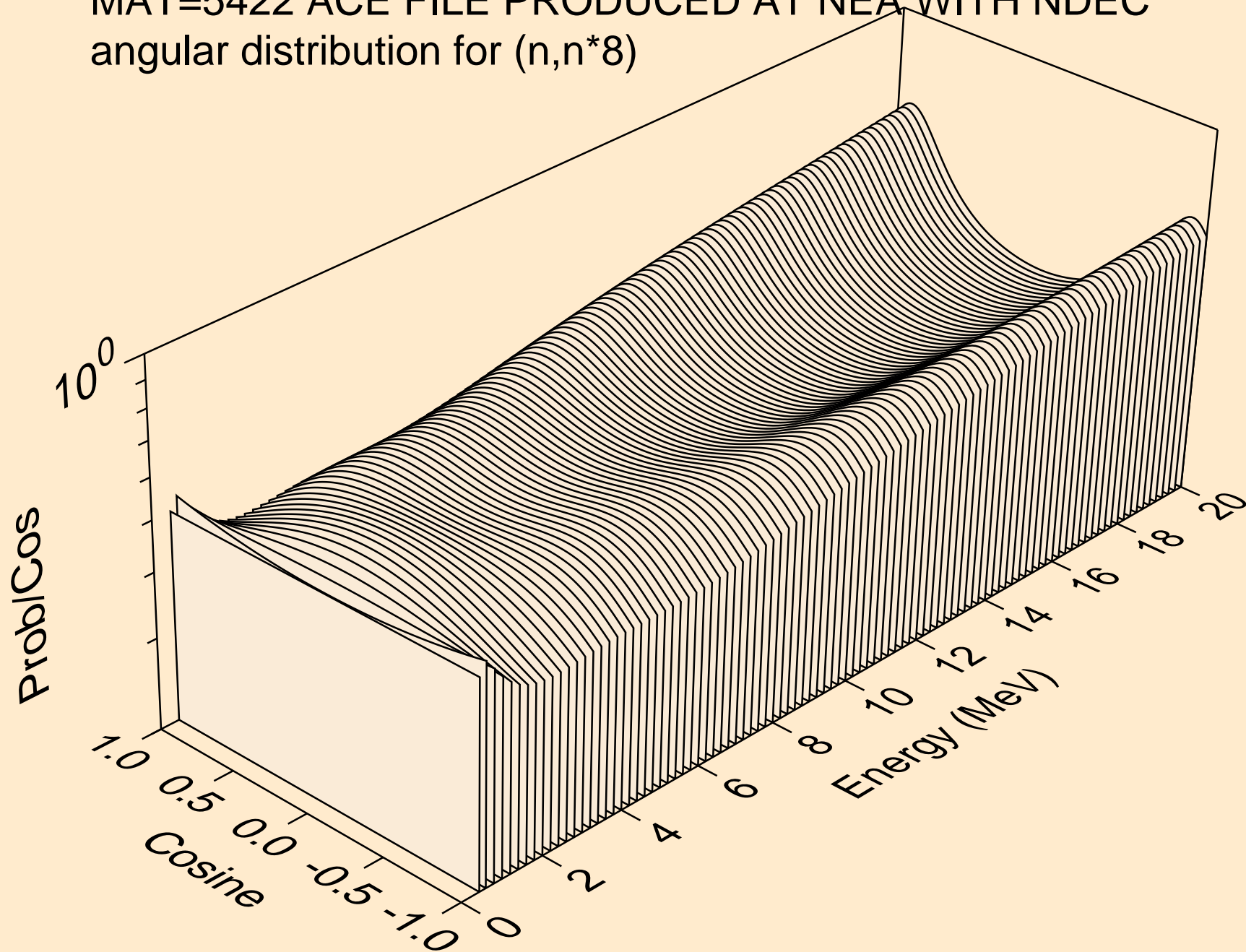
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angular distribution for (n,n\*6)



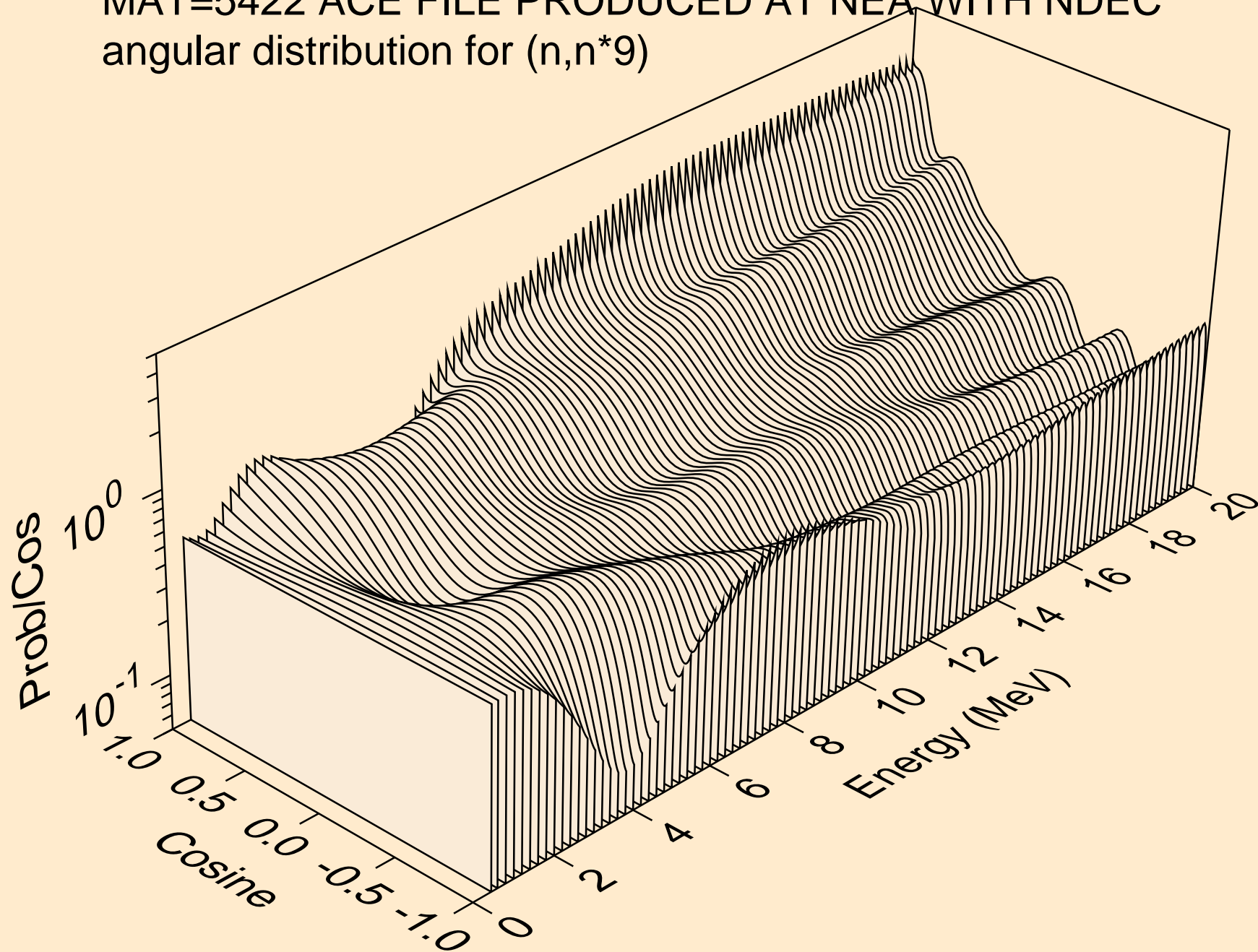
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*7)



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*8)

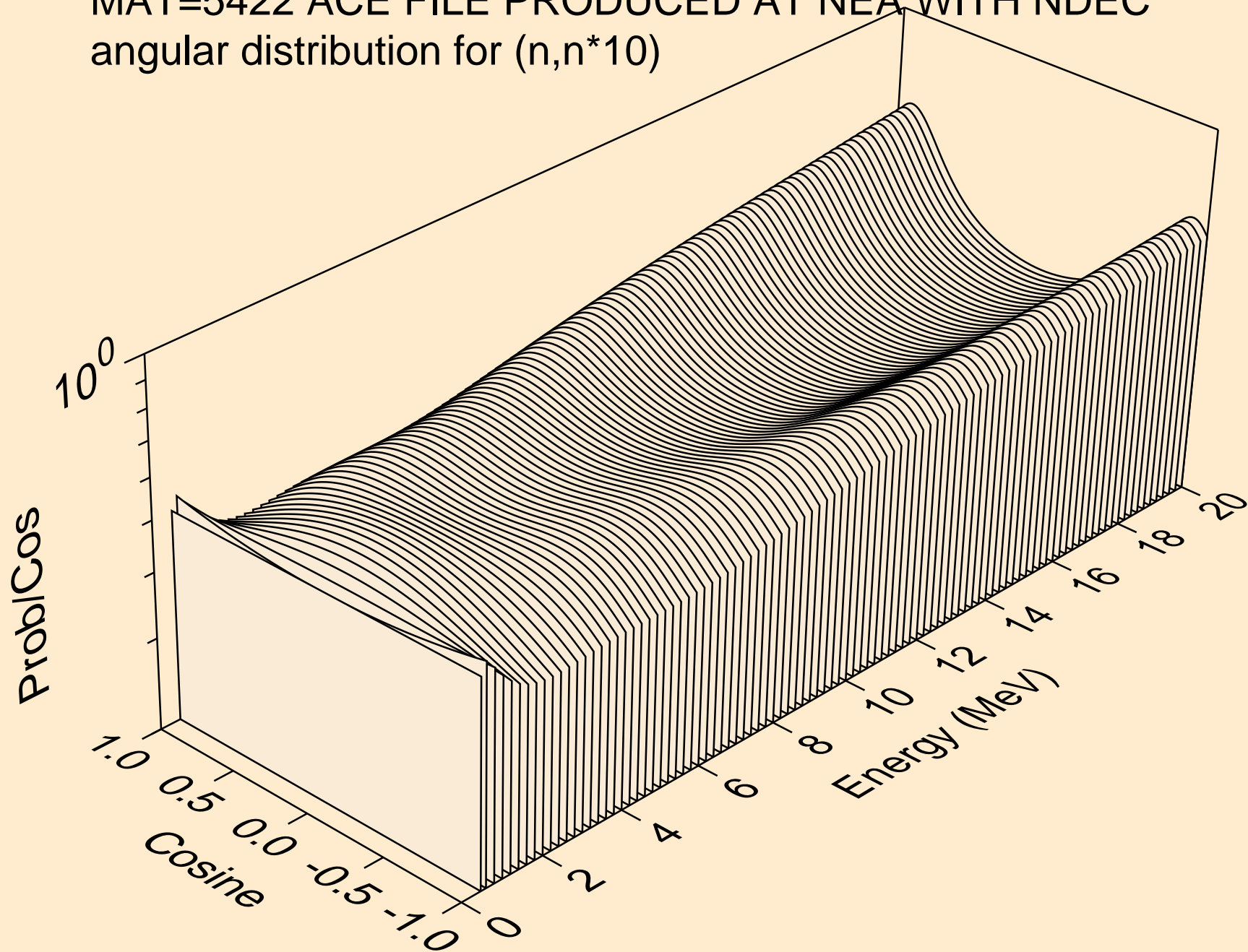


MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*9)

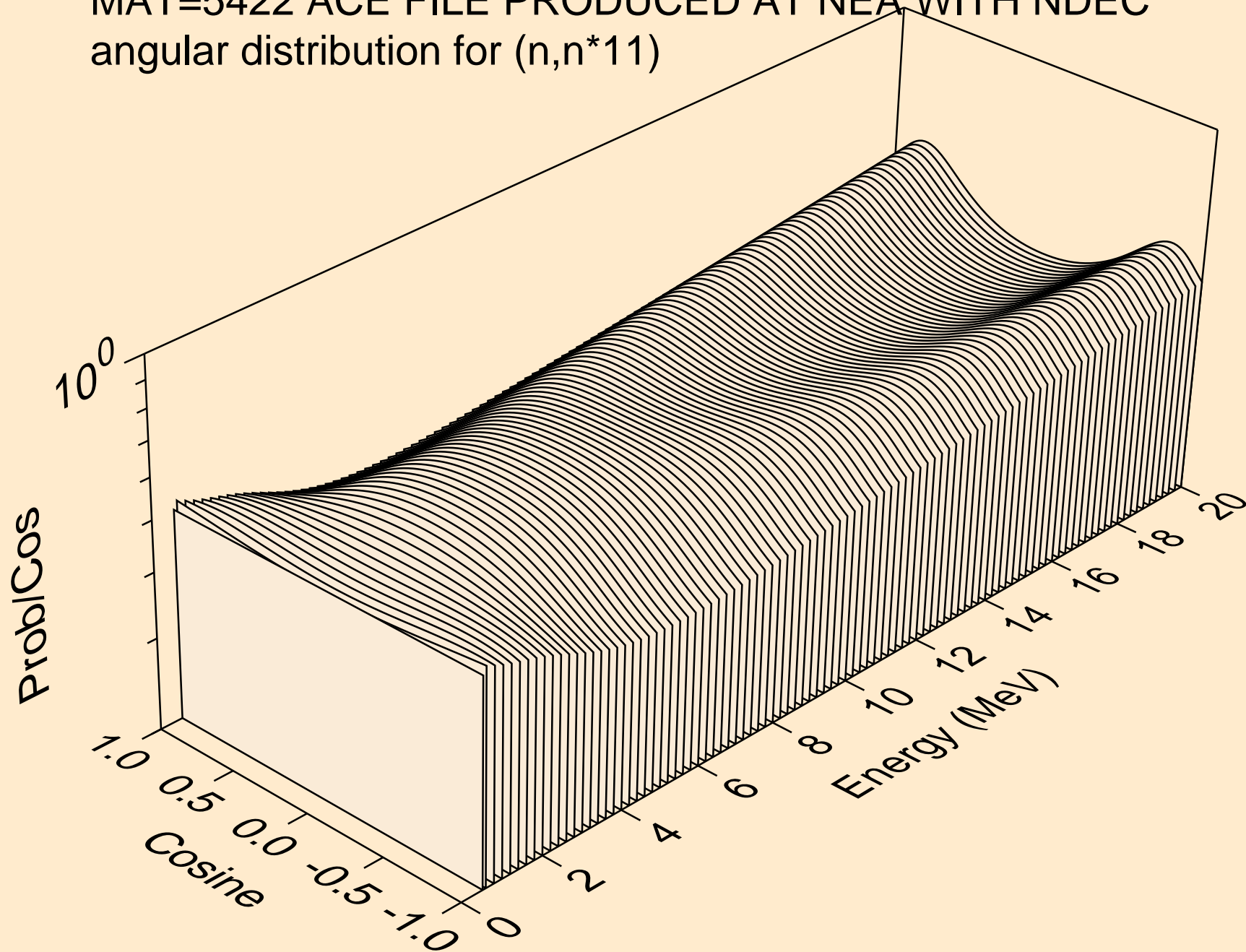




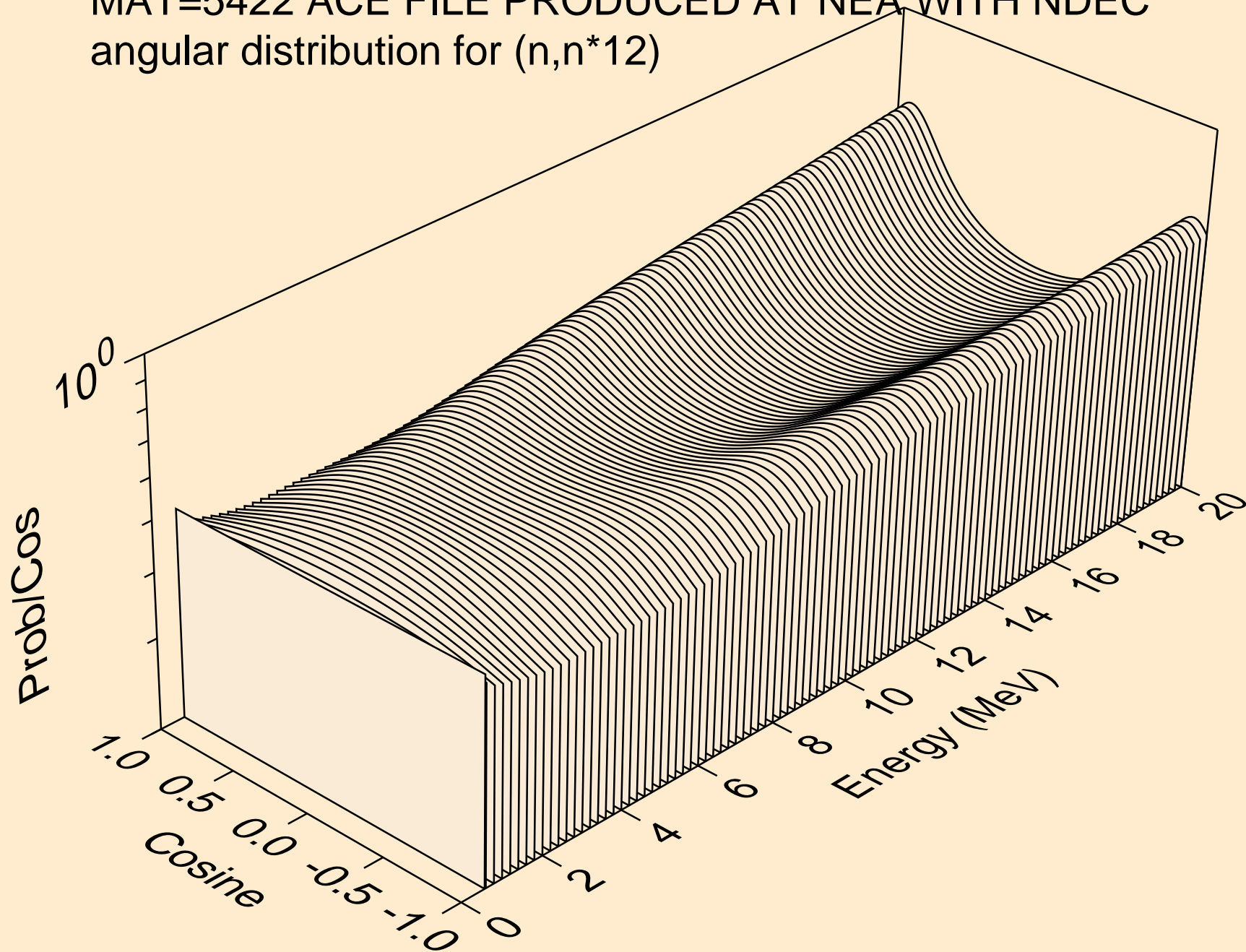
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angular distribution for (n,n\*10)



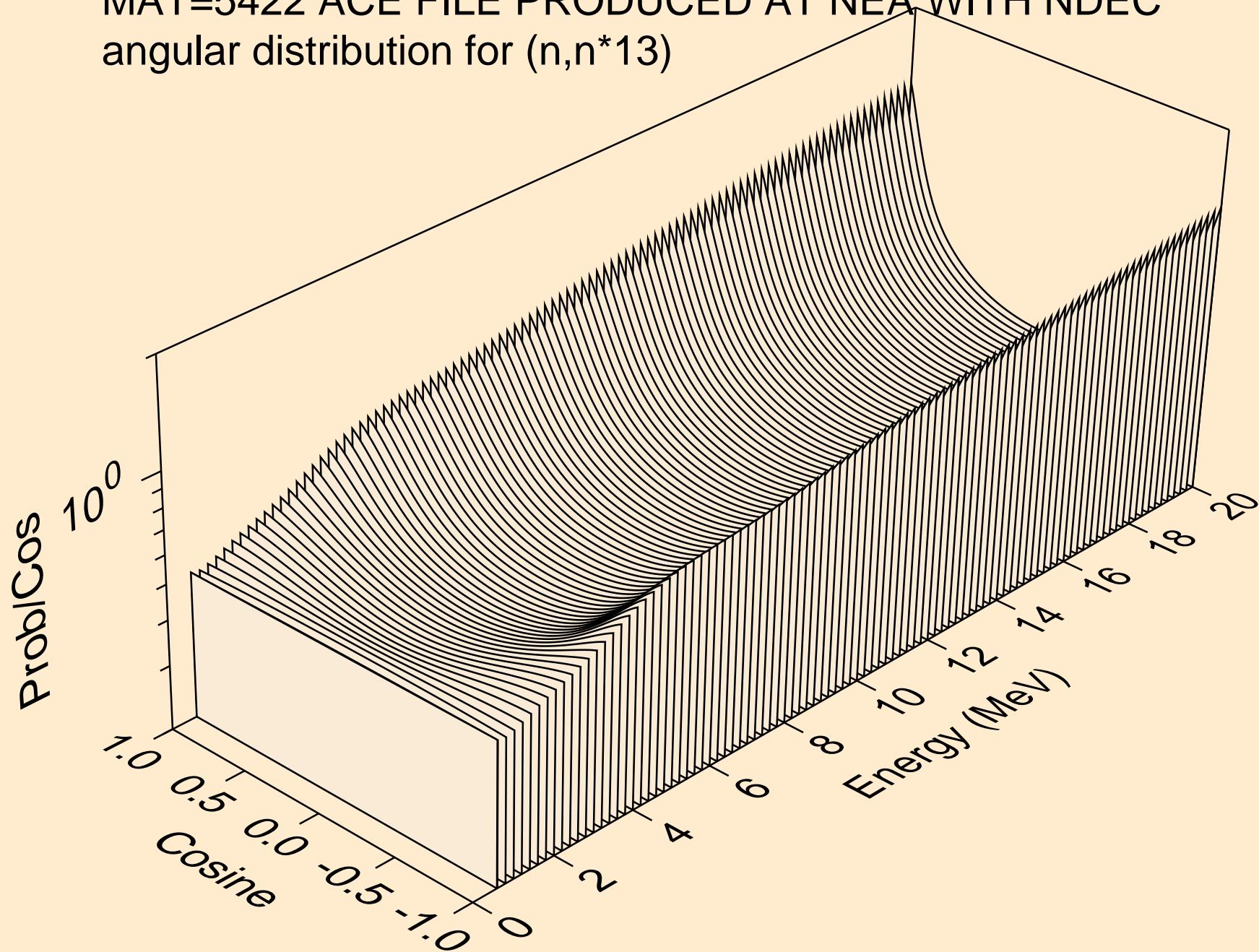
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*11)



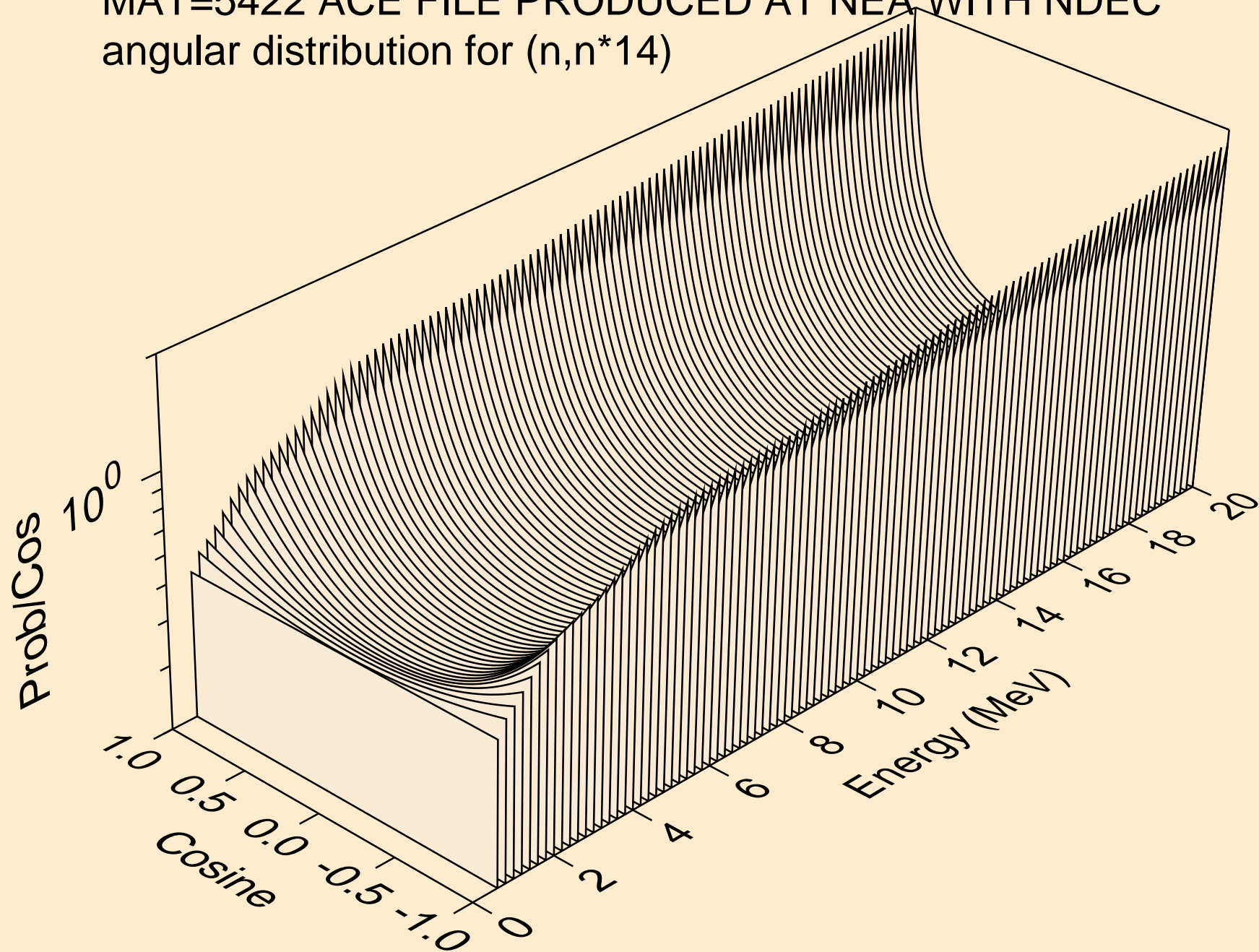
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*12)



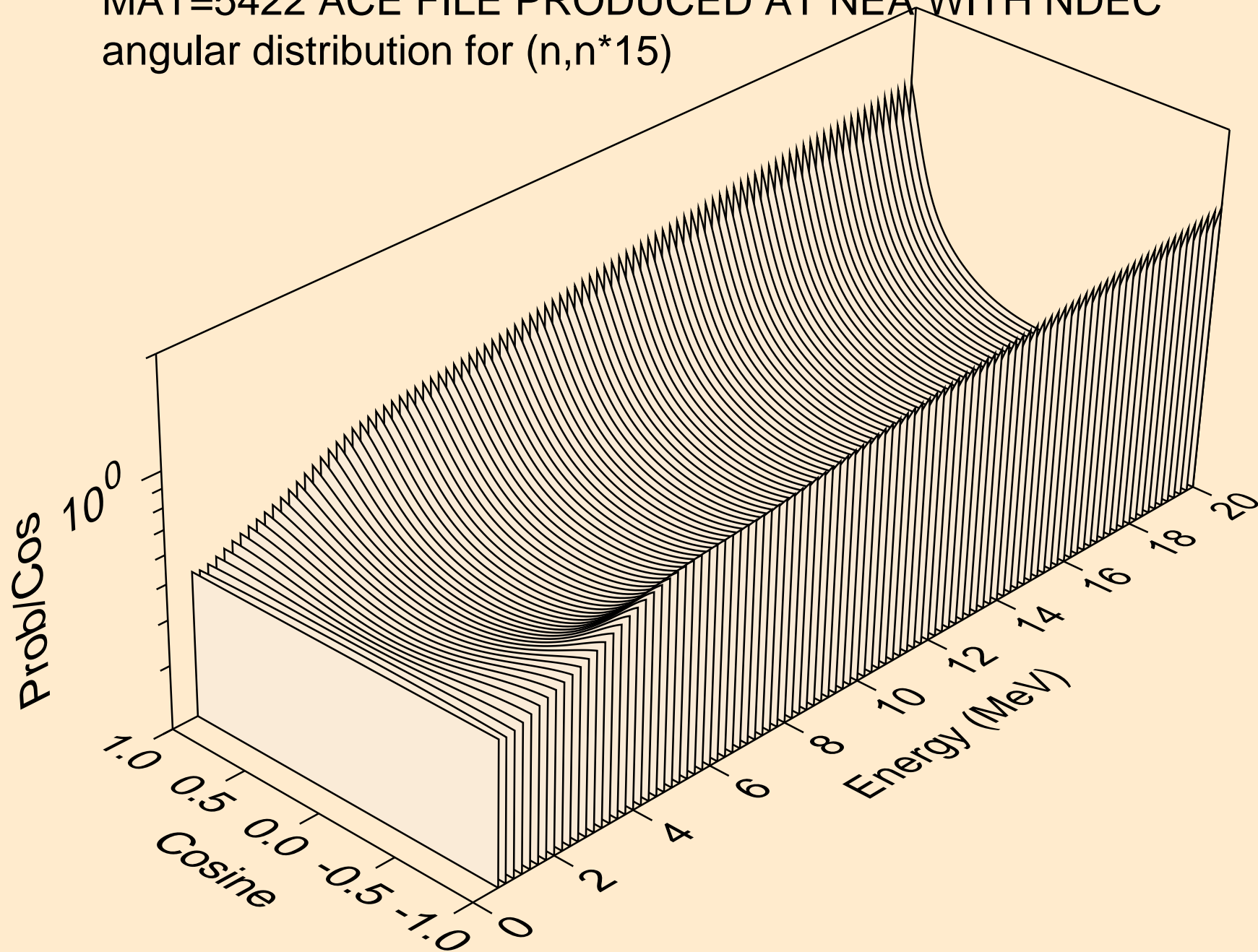
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angular distribution for (n,n\*13)



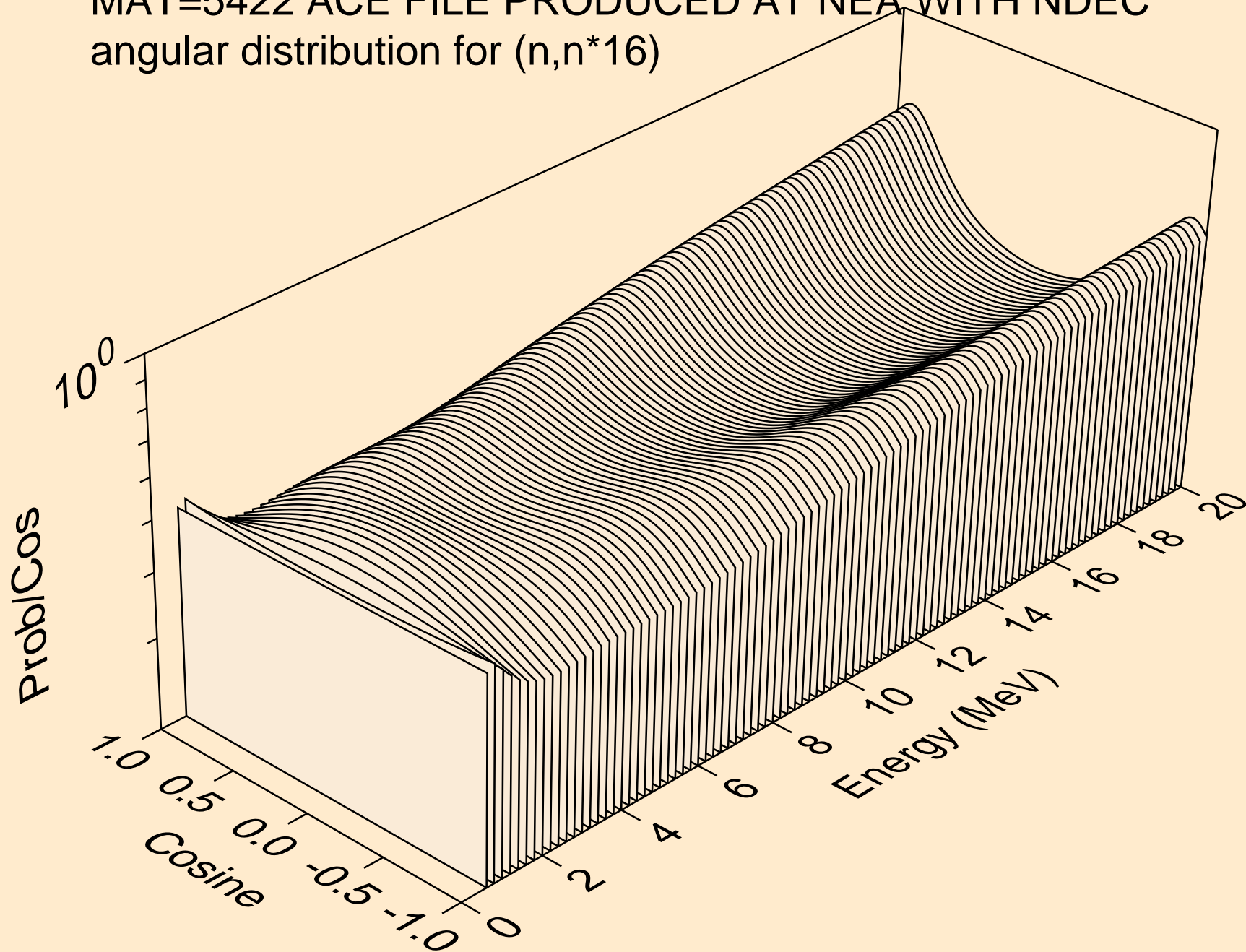
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*14)



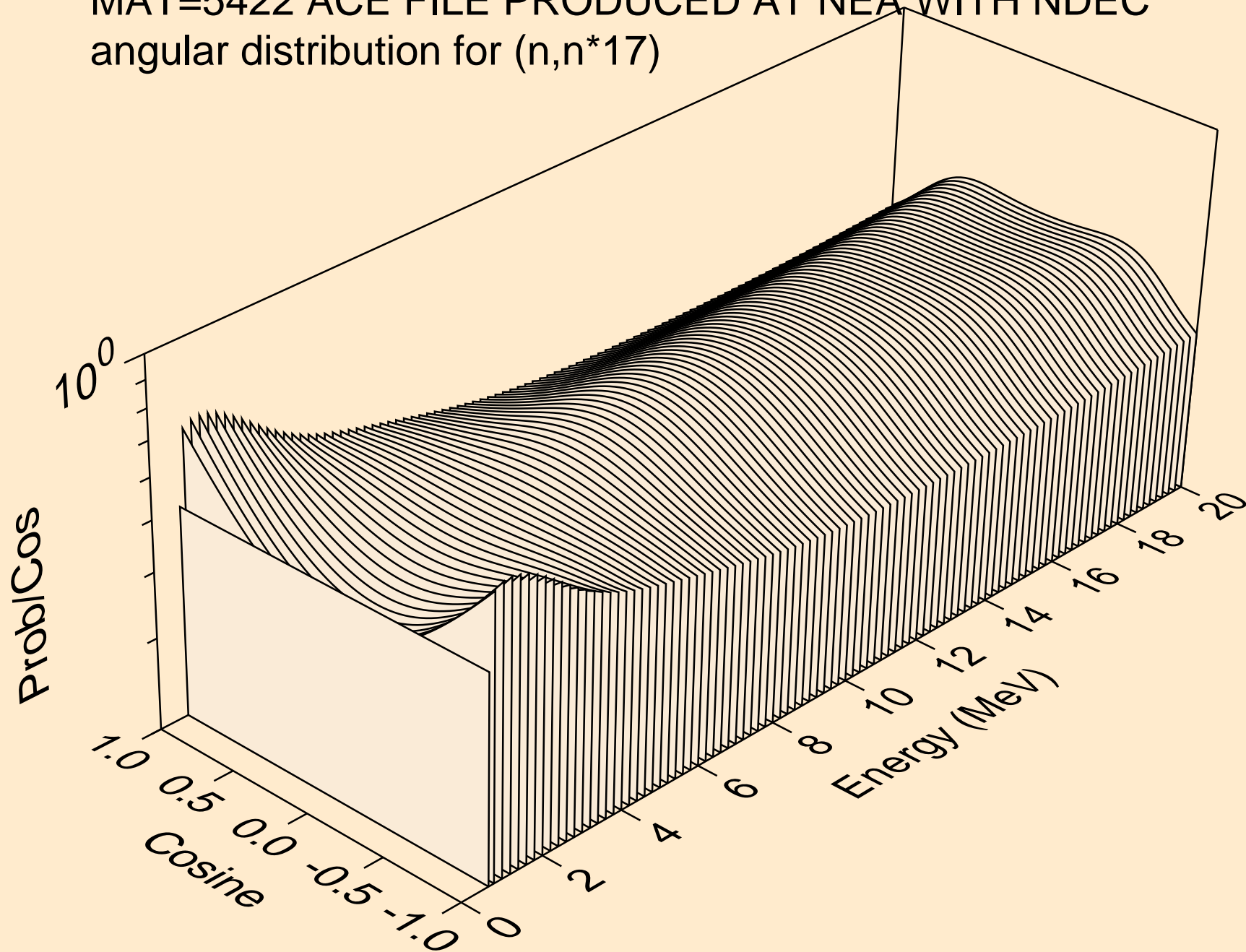
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*15)



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*16)

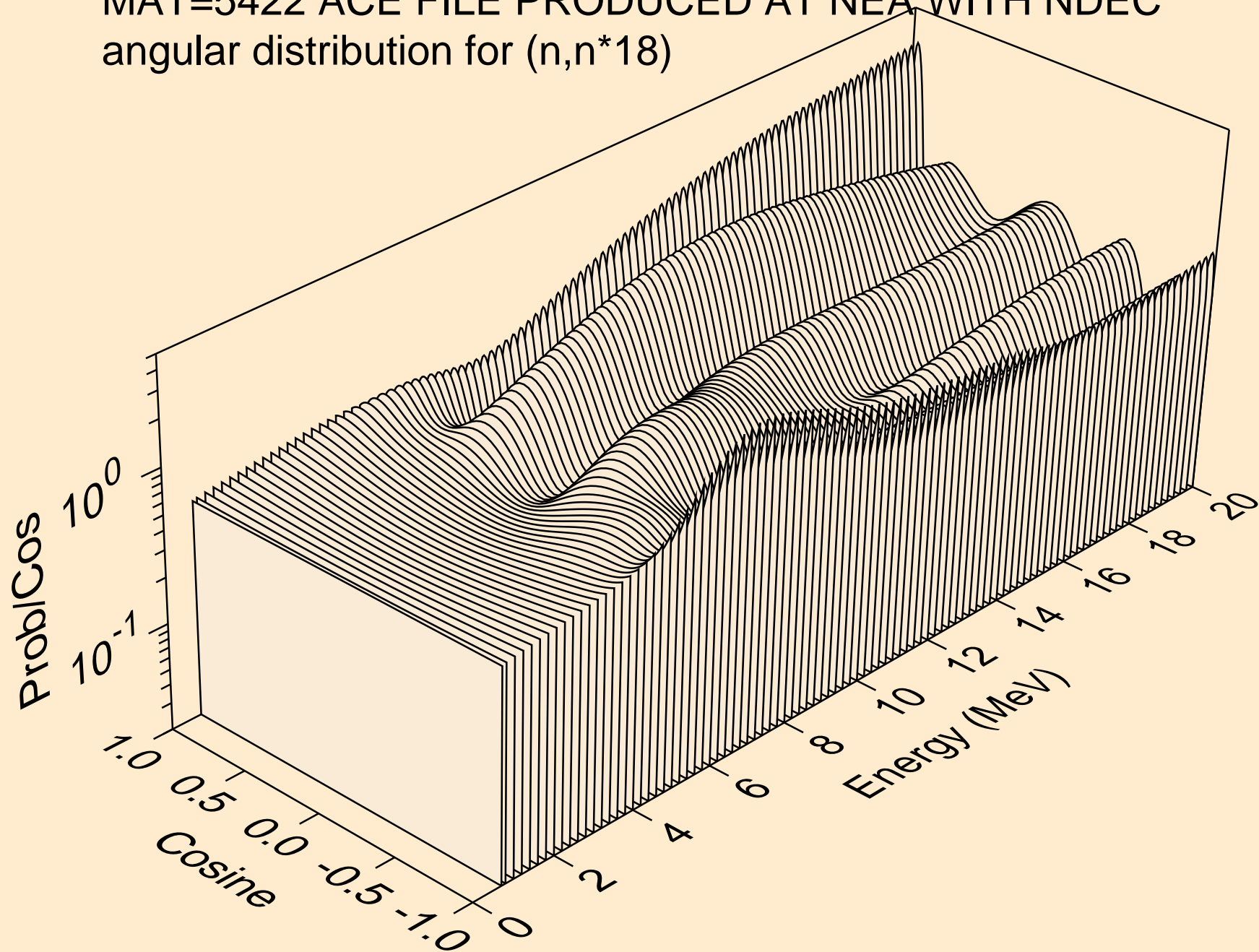


MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*17)

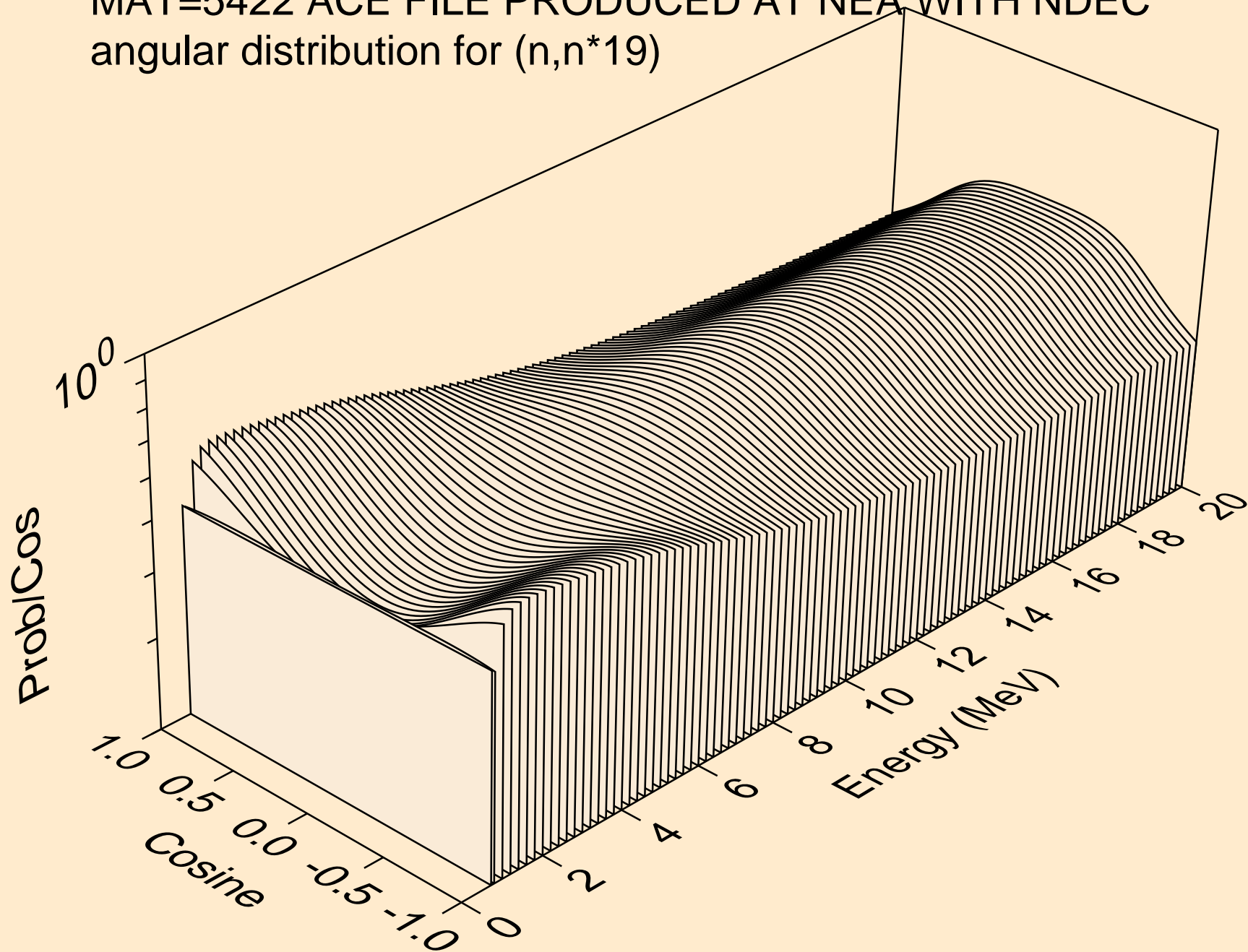




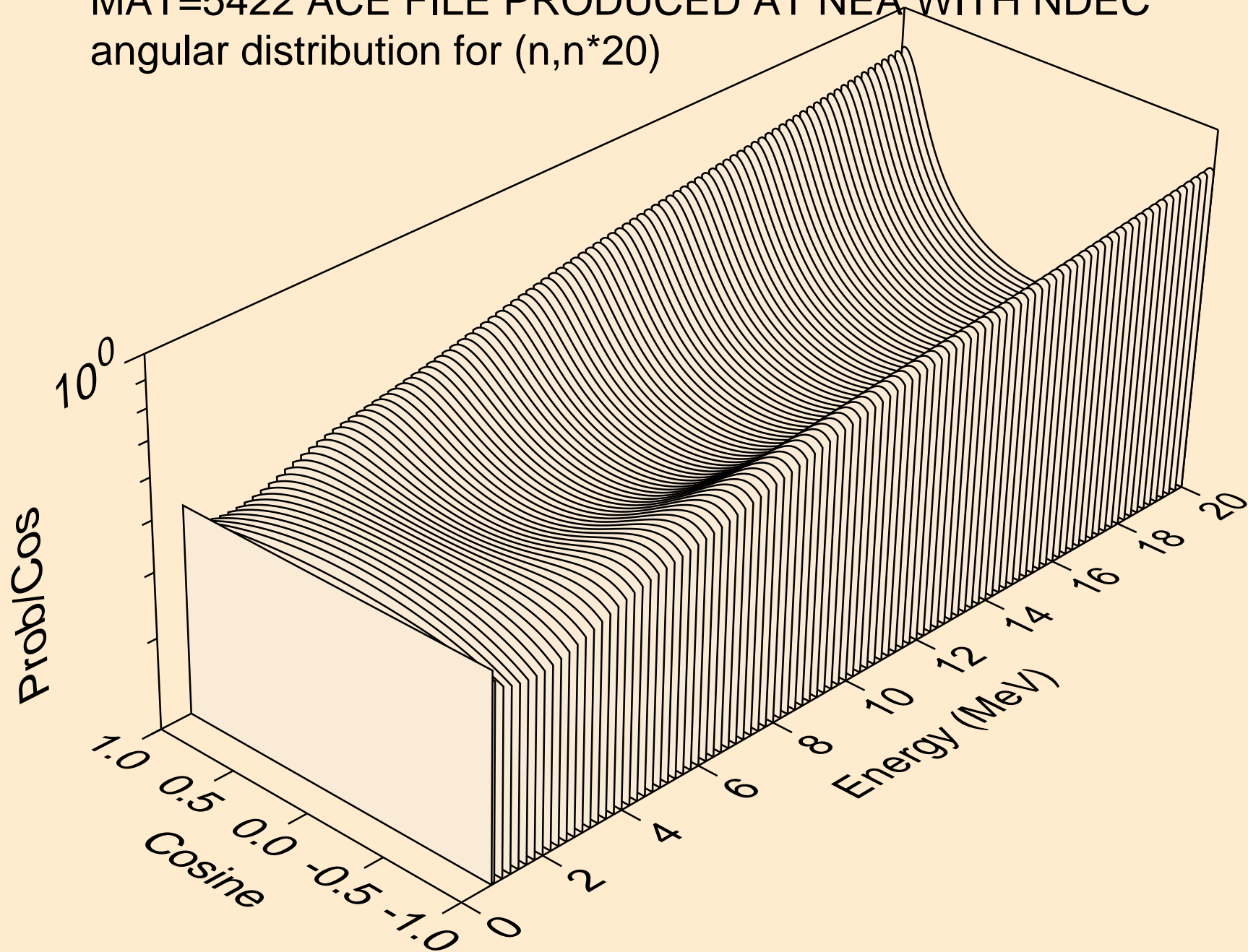
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*18)



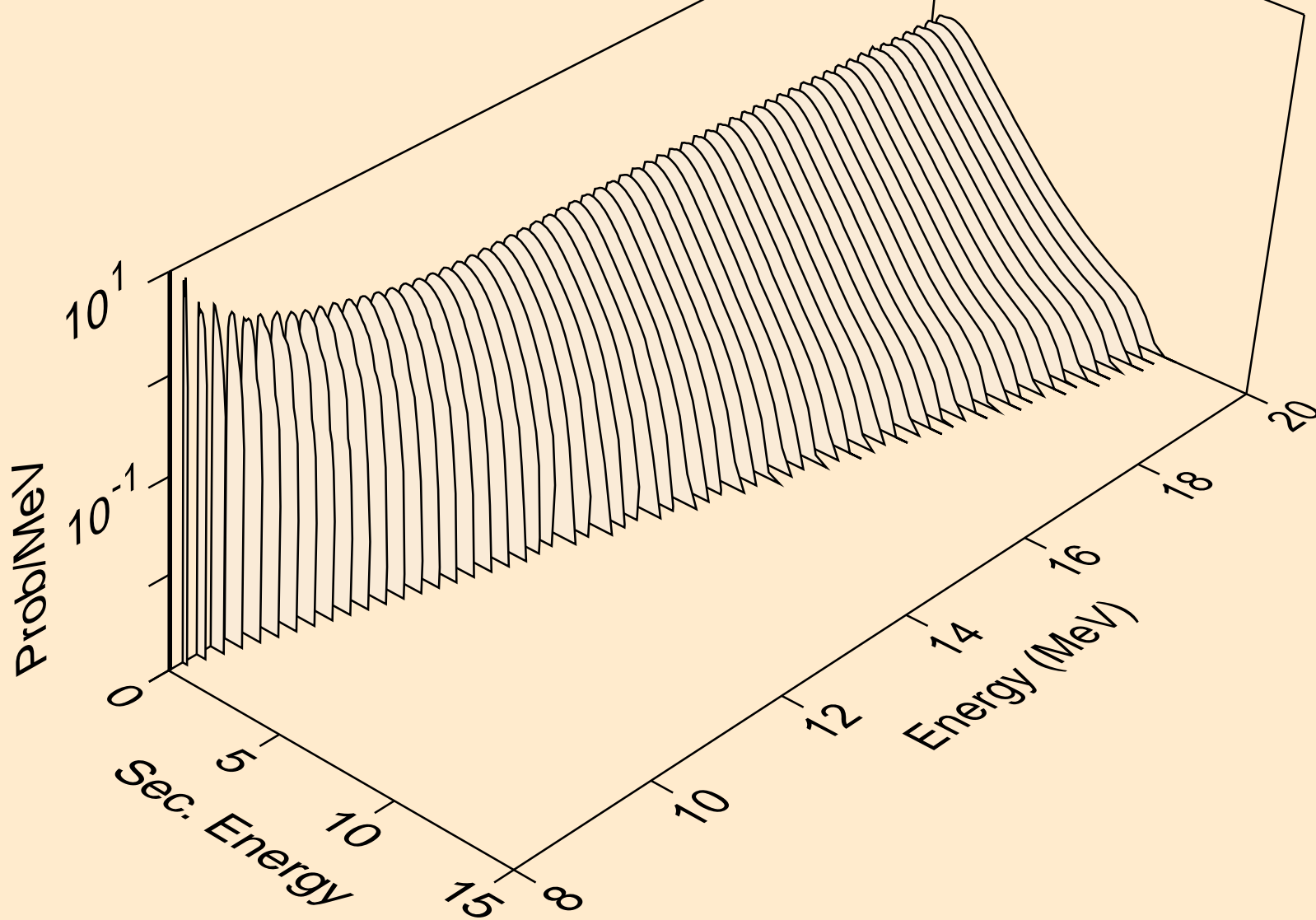
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angular distribution for (n,n\*19)



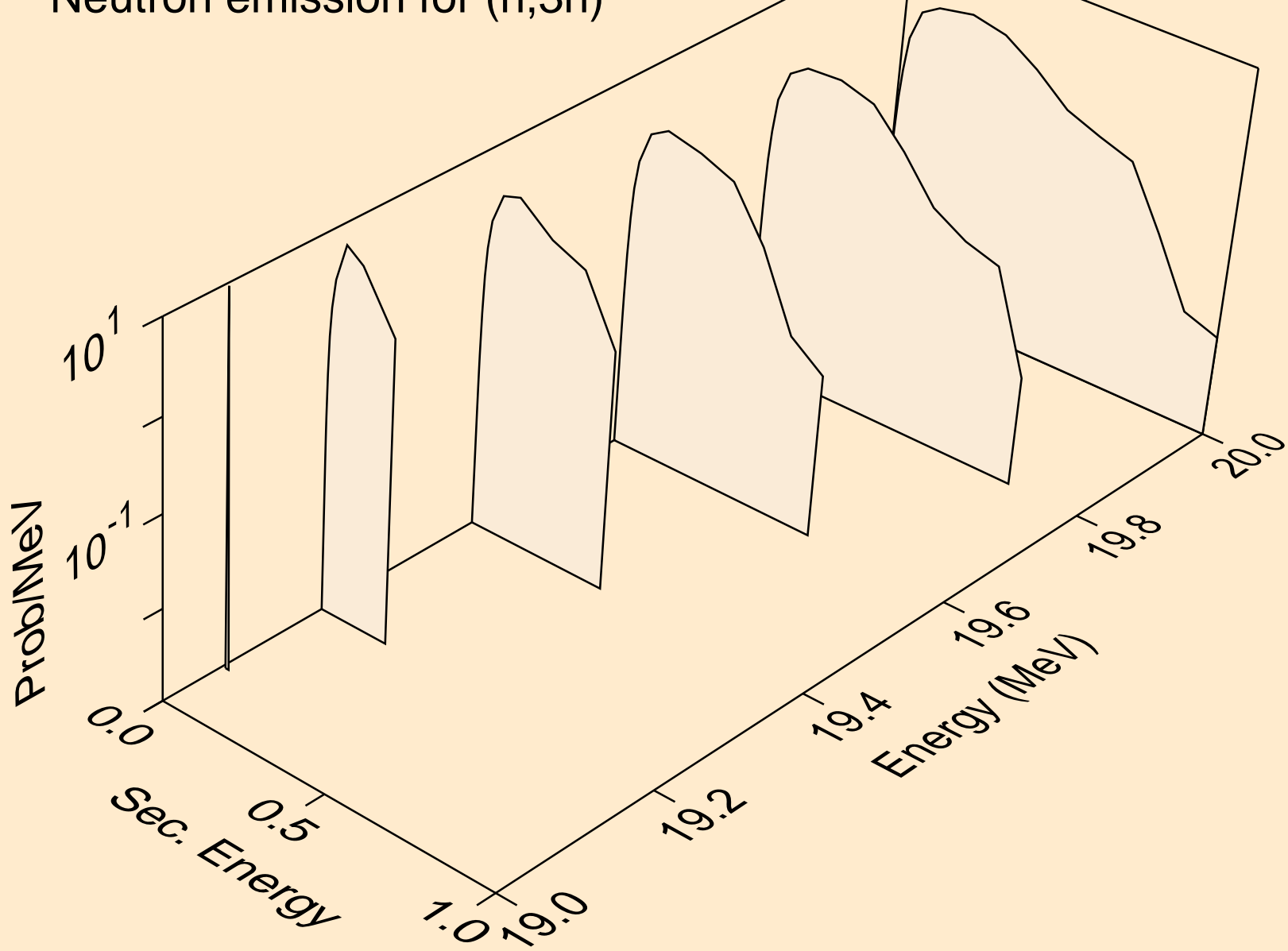
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*20)



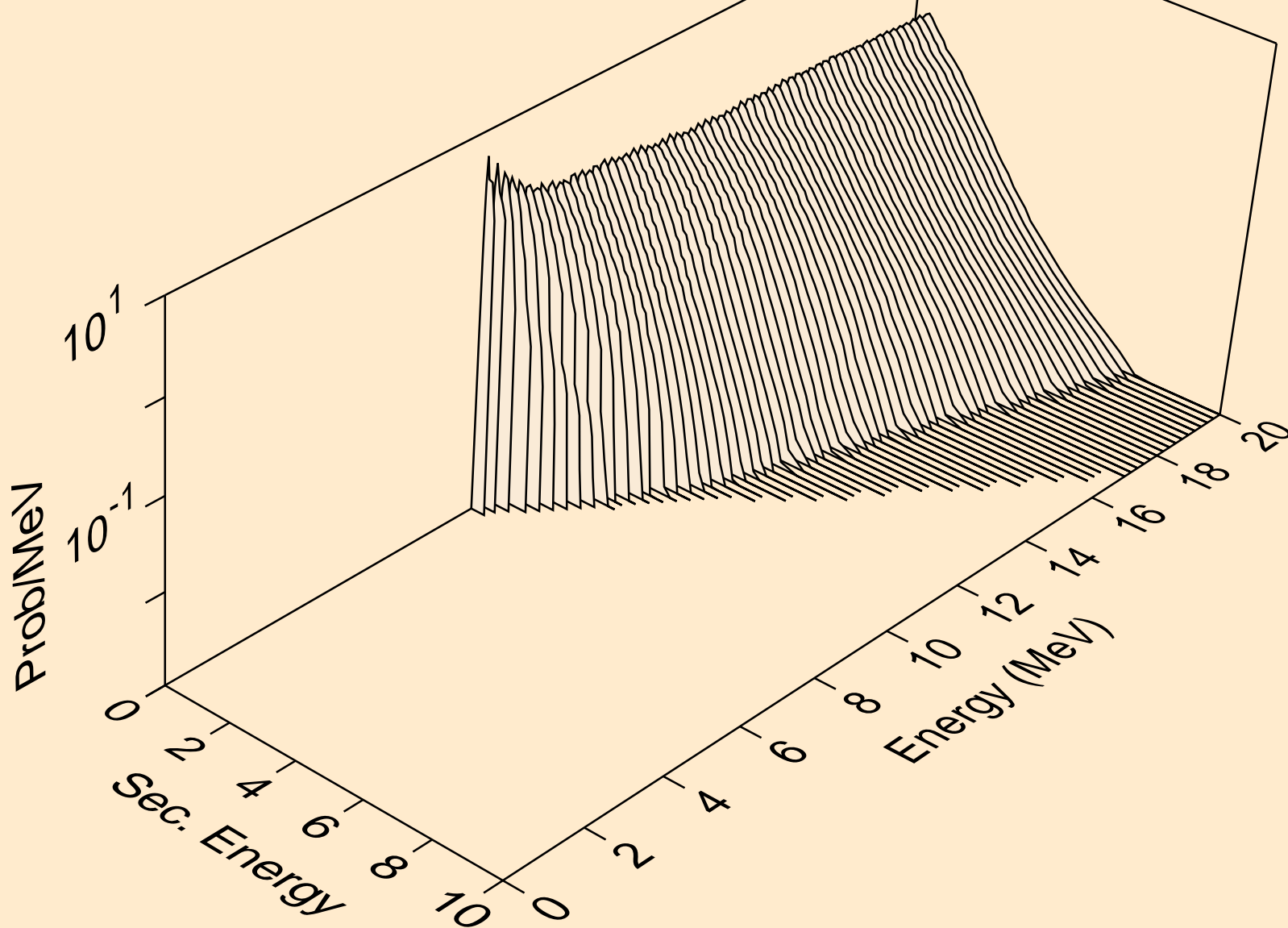
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2n)



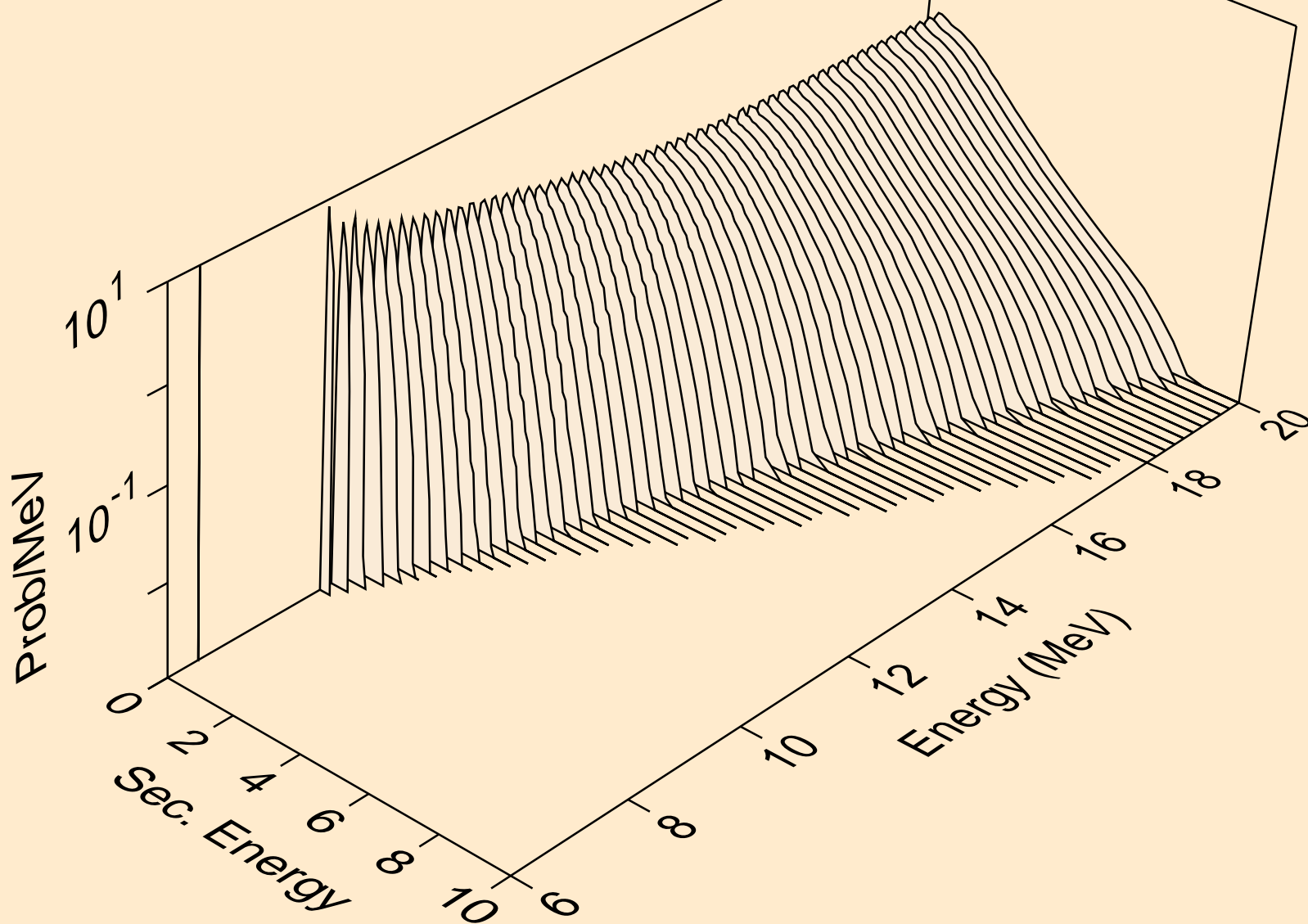
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,3n)



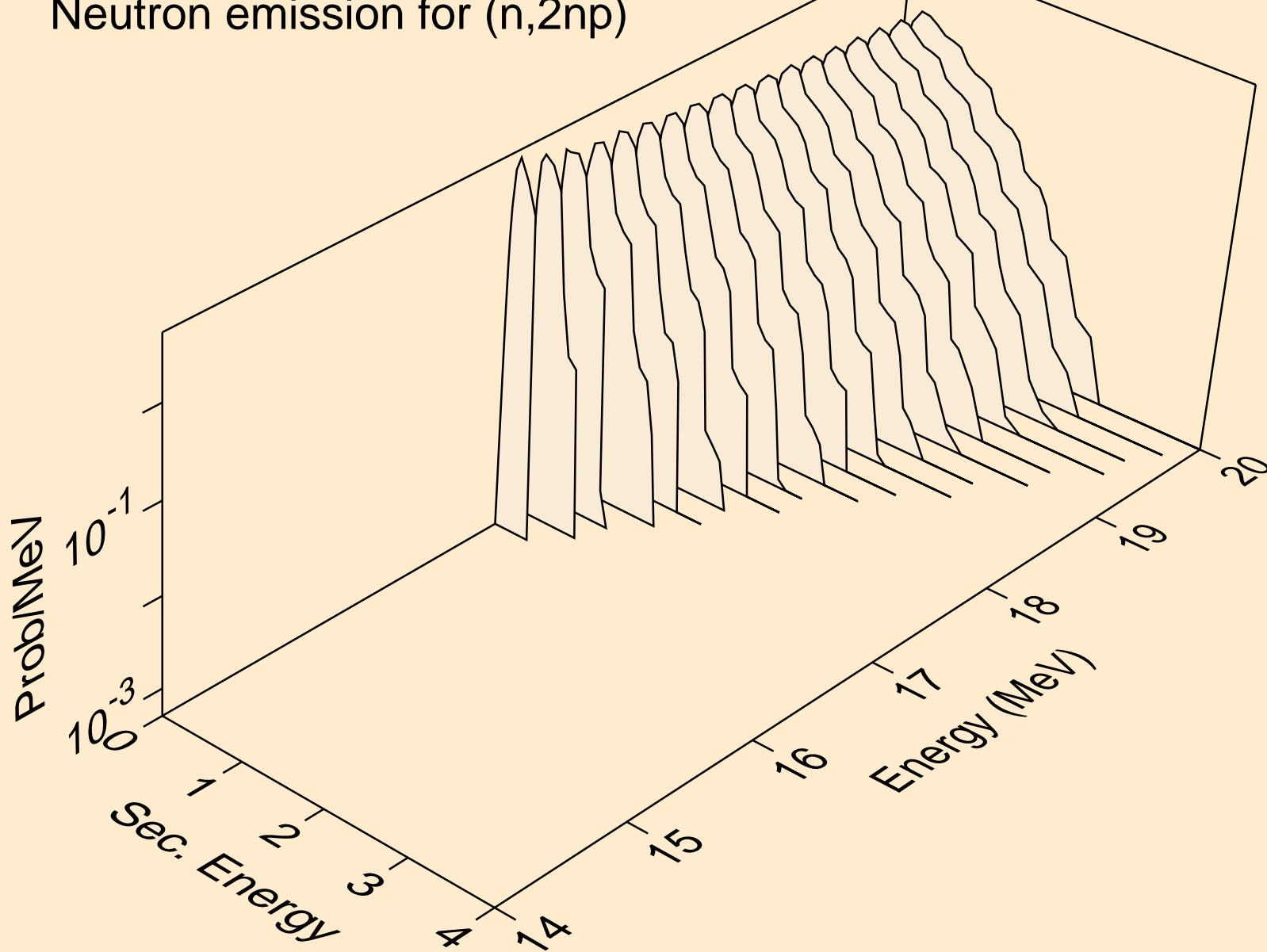
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)a



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)p

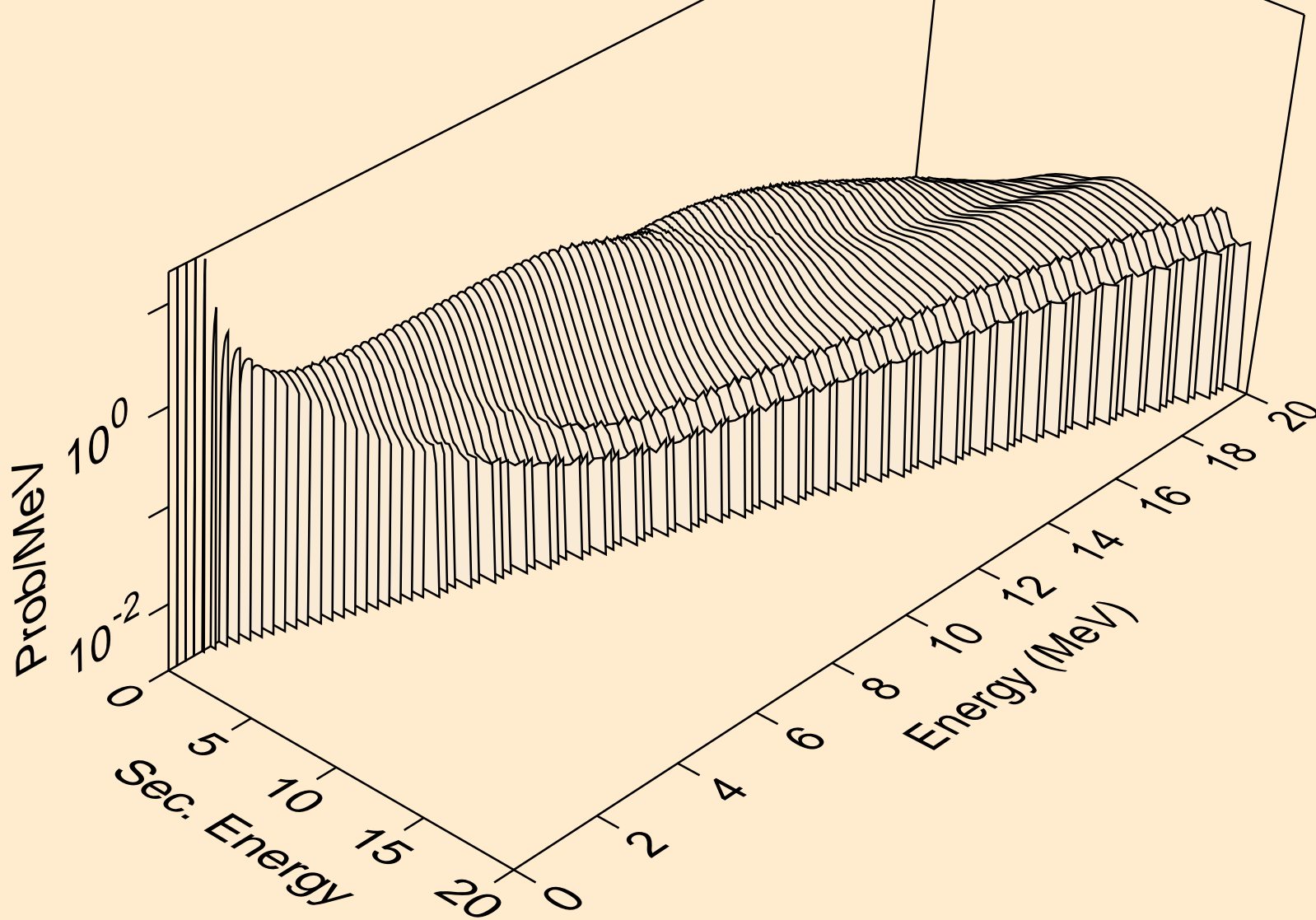


MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2np)

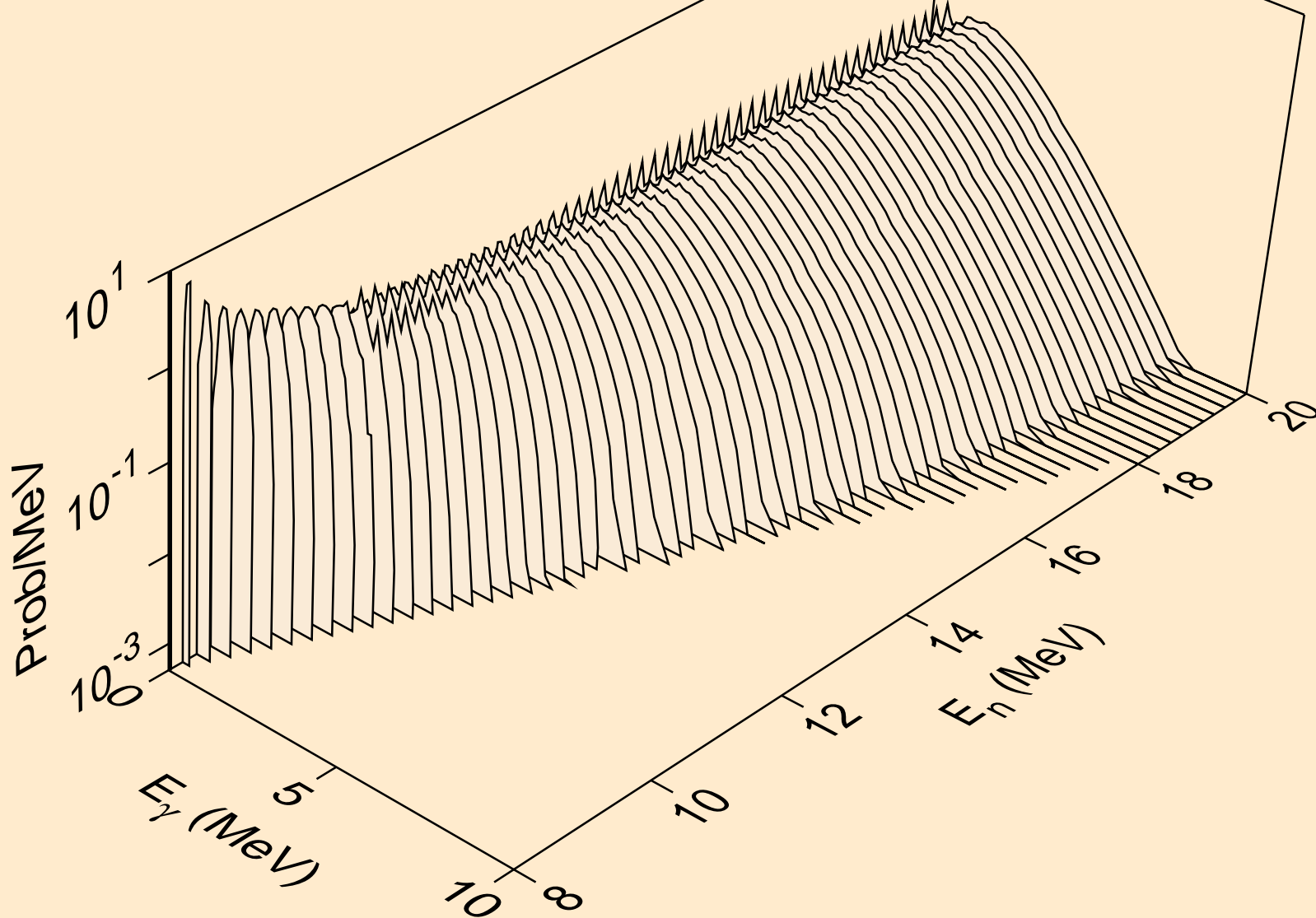




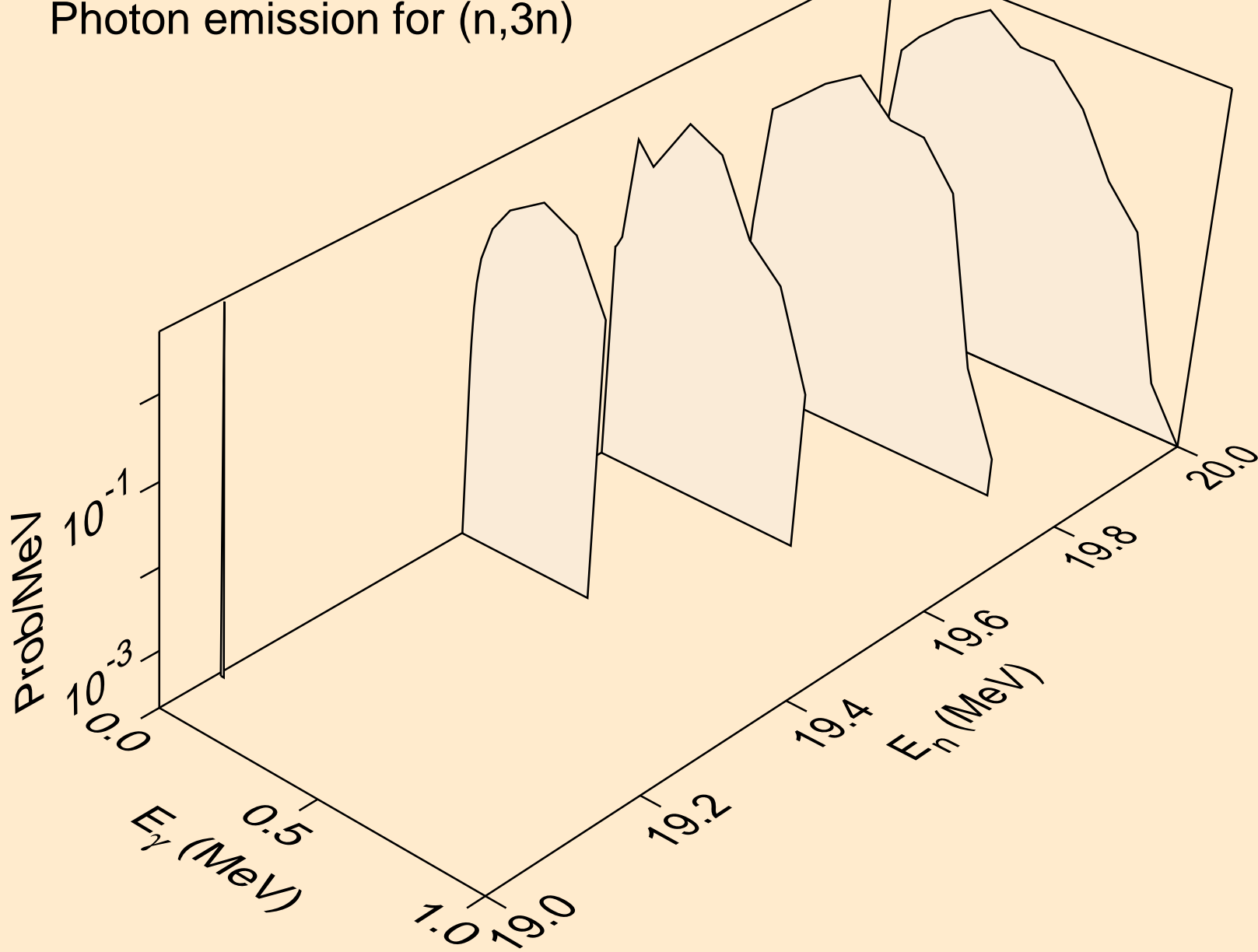
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*c)



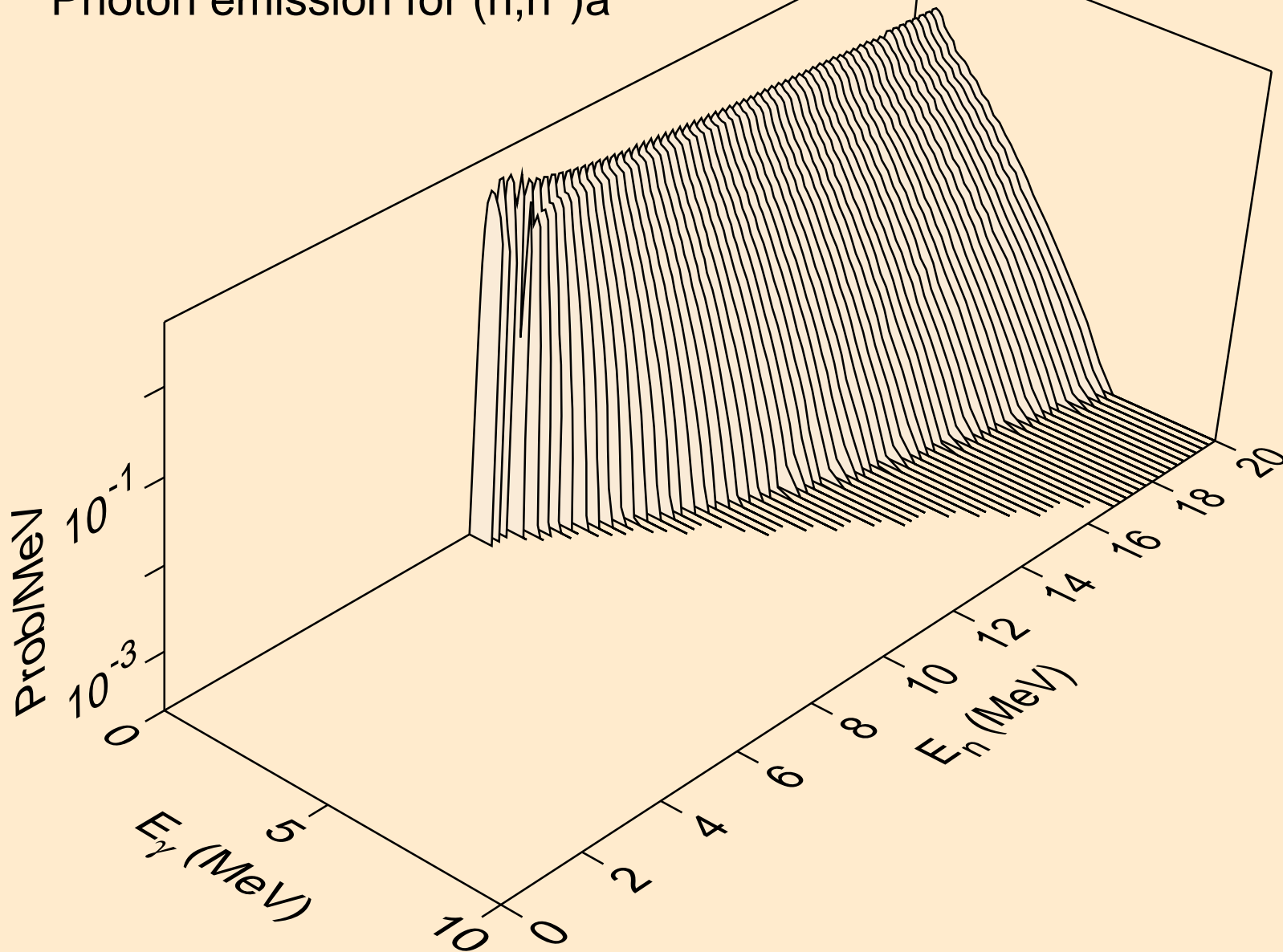
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2n)



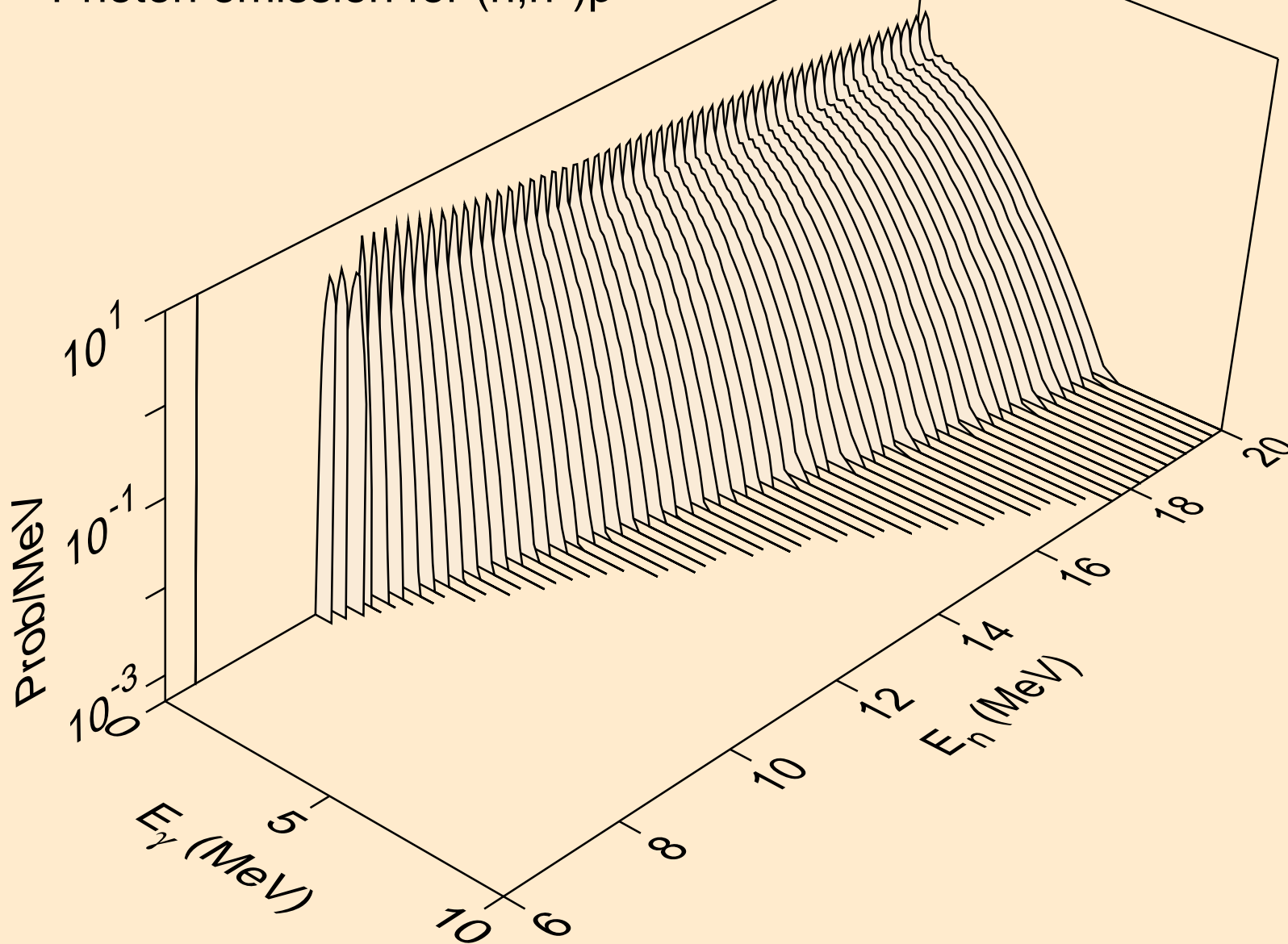
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Photon emission for (n,3n)



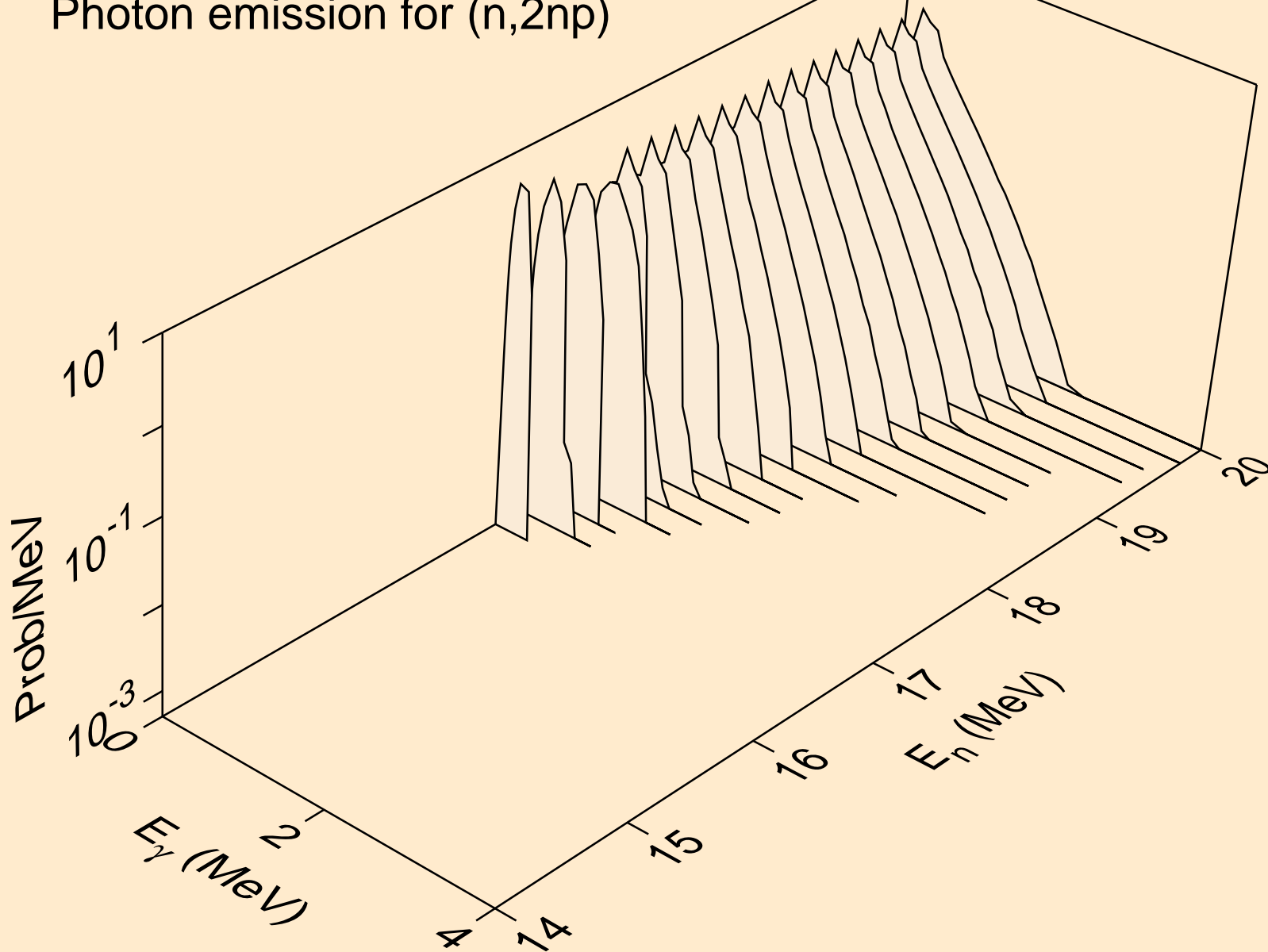
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)a



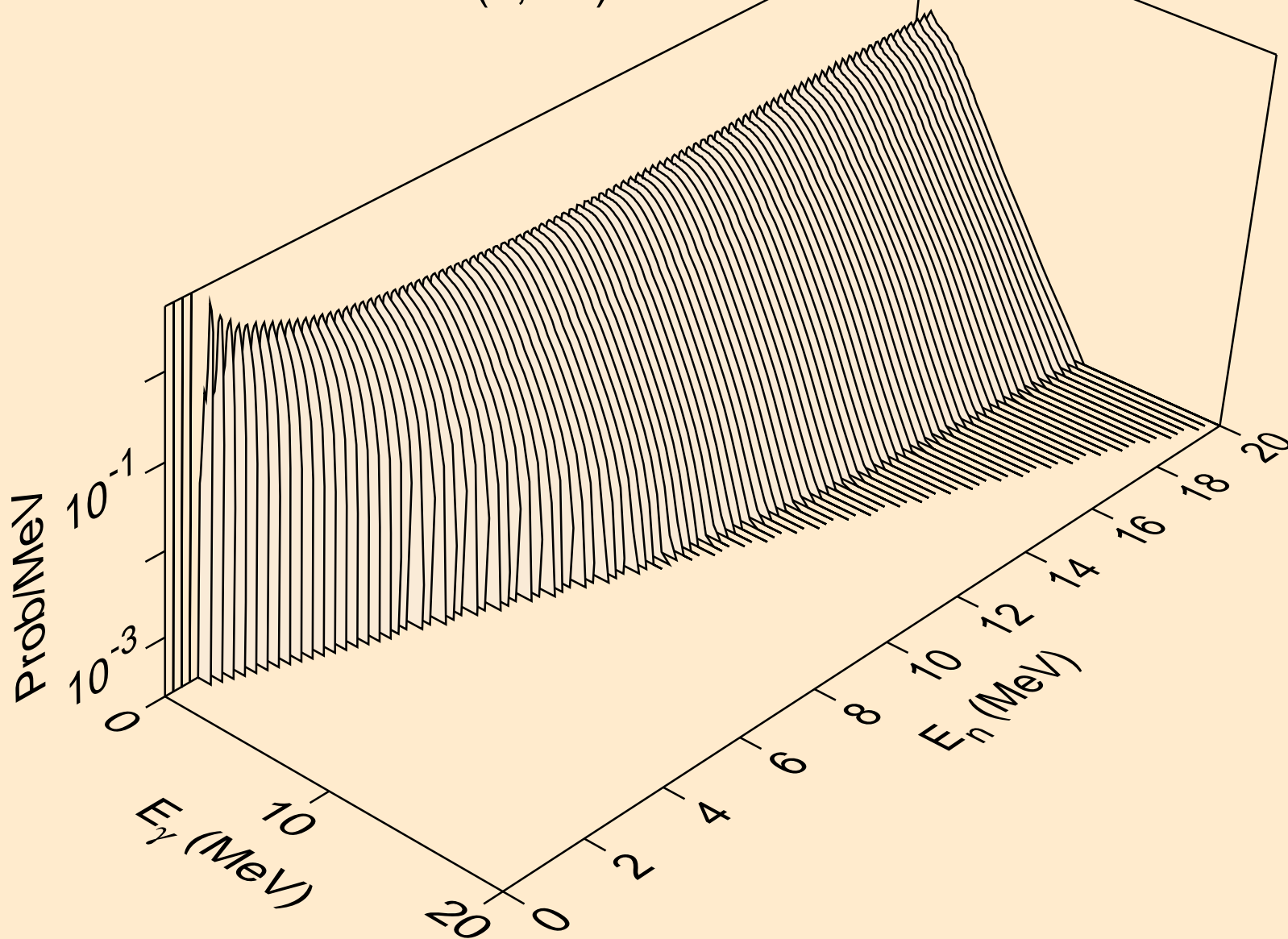
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)p



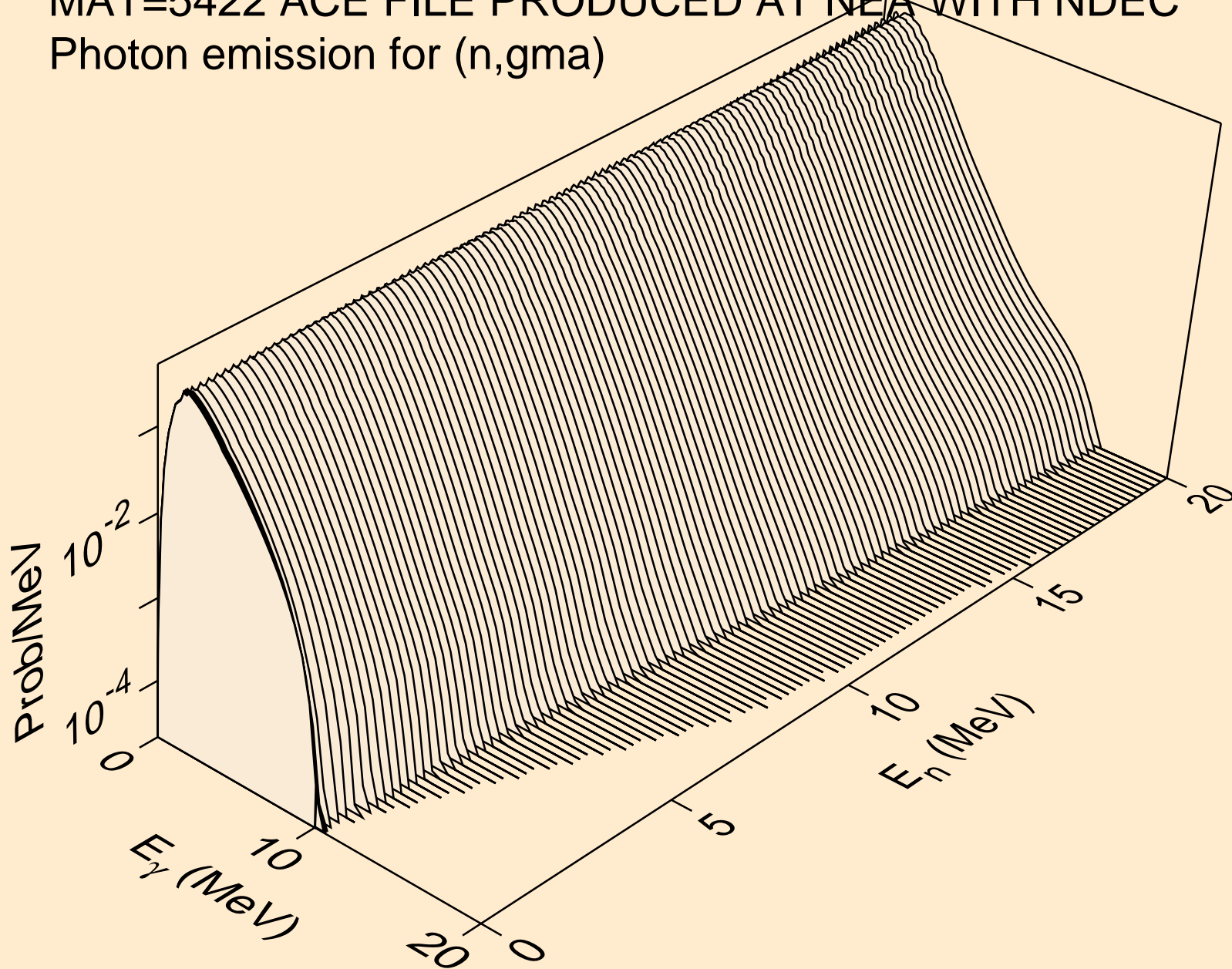
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2np)



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*c)

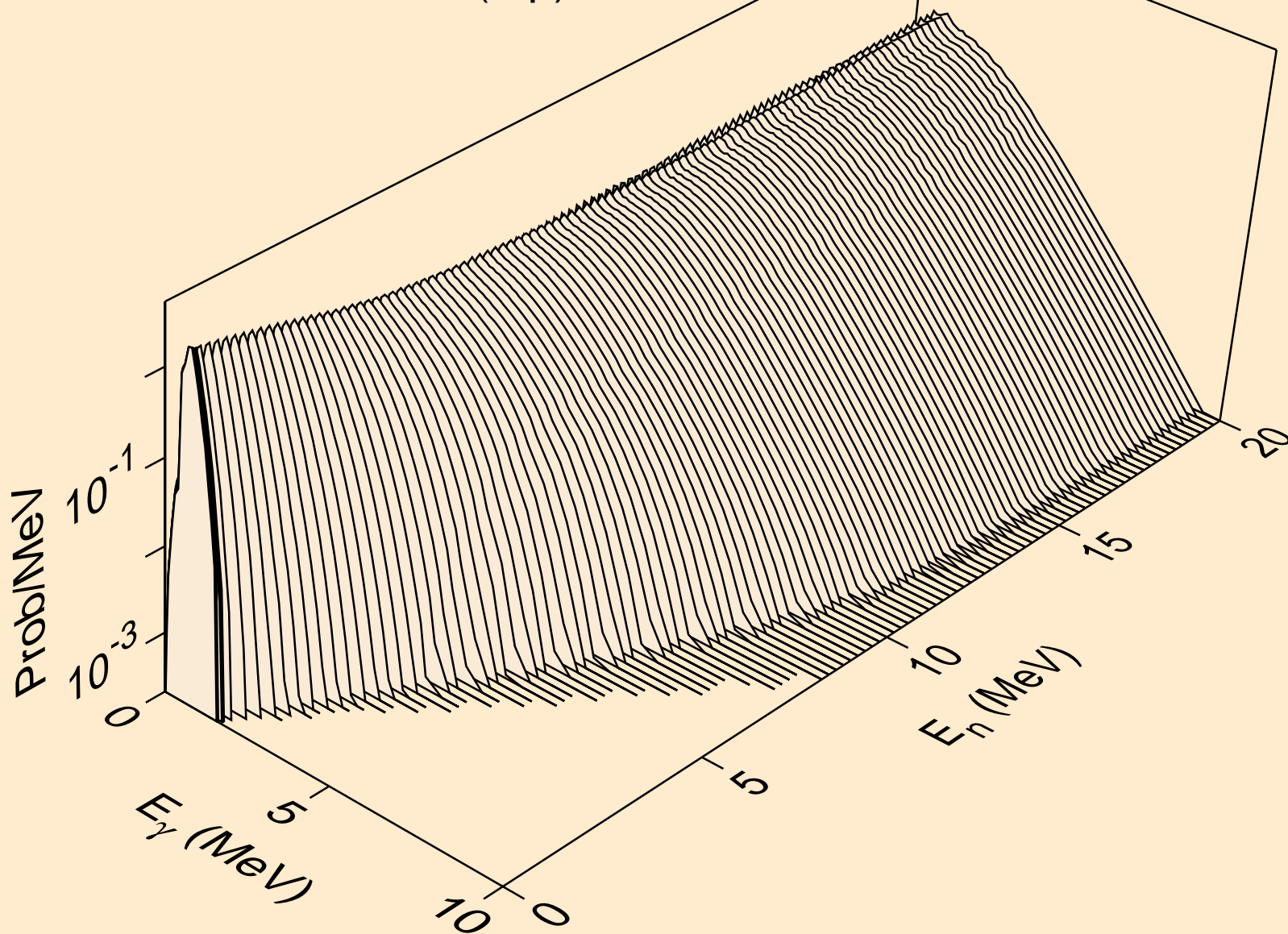


MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,gma)

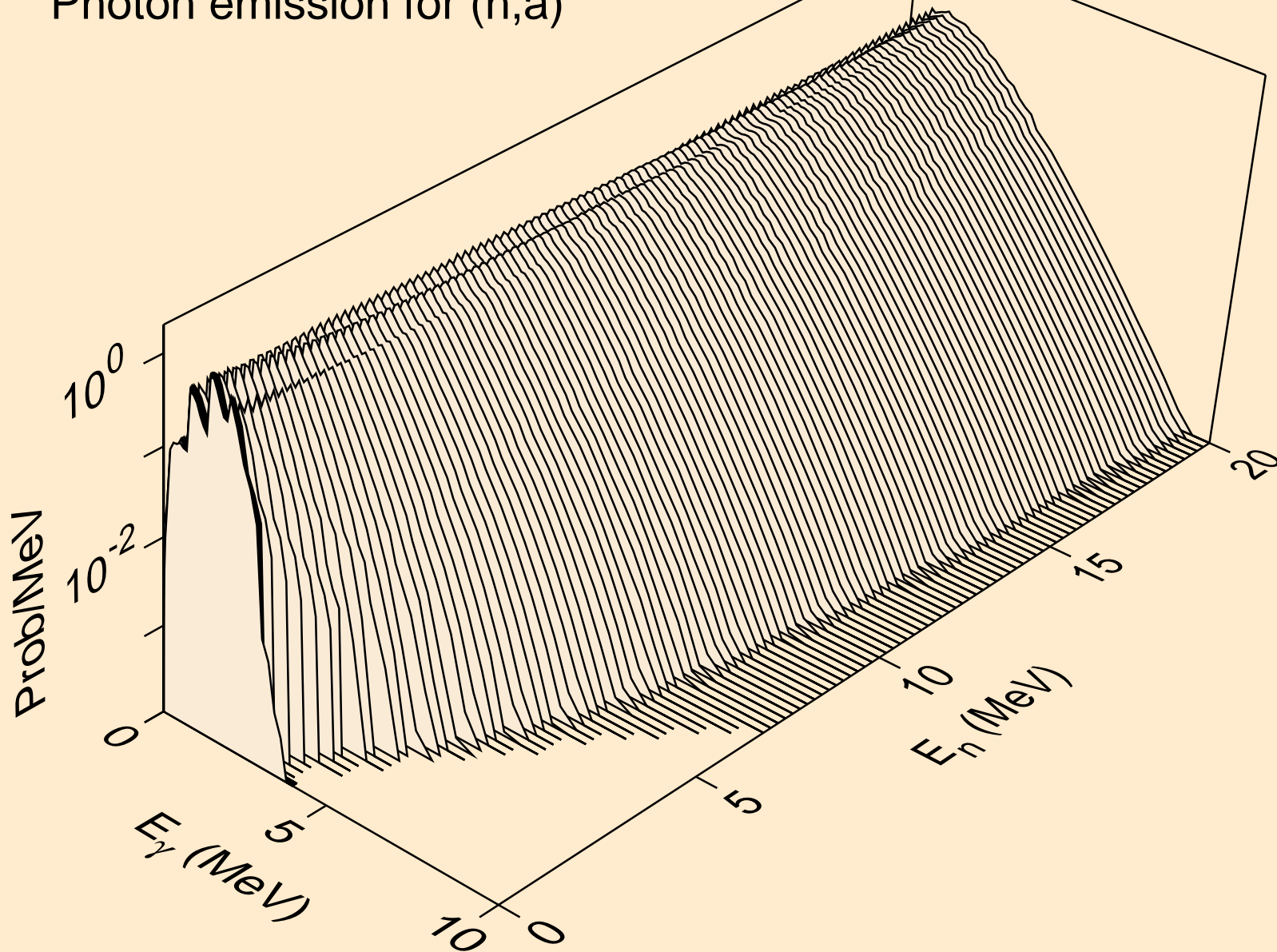




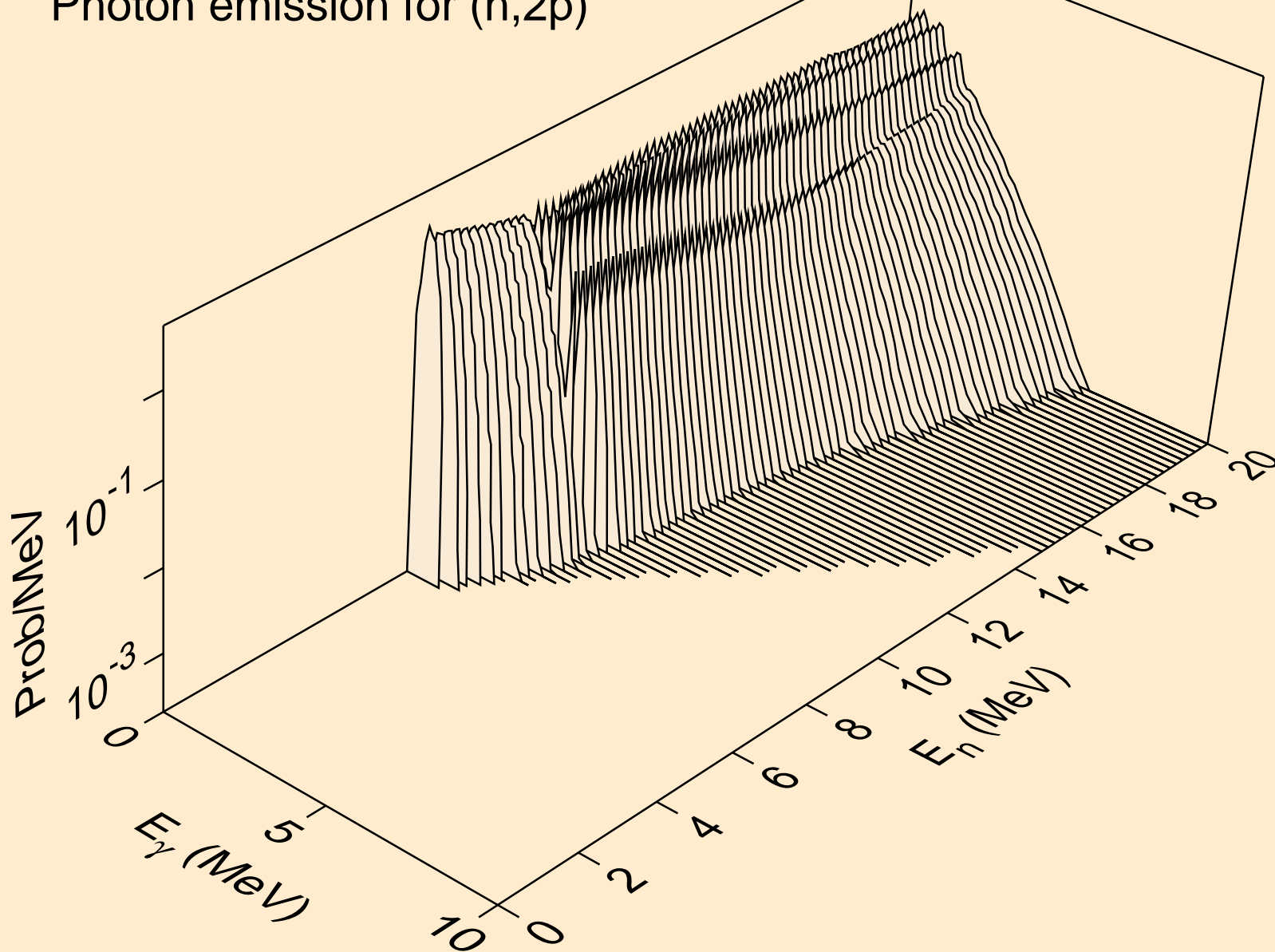
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,p)



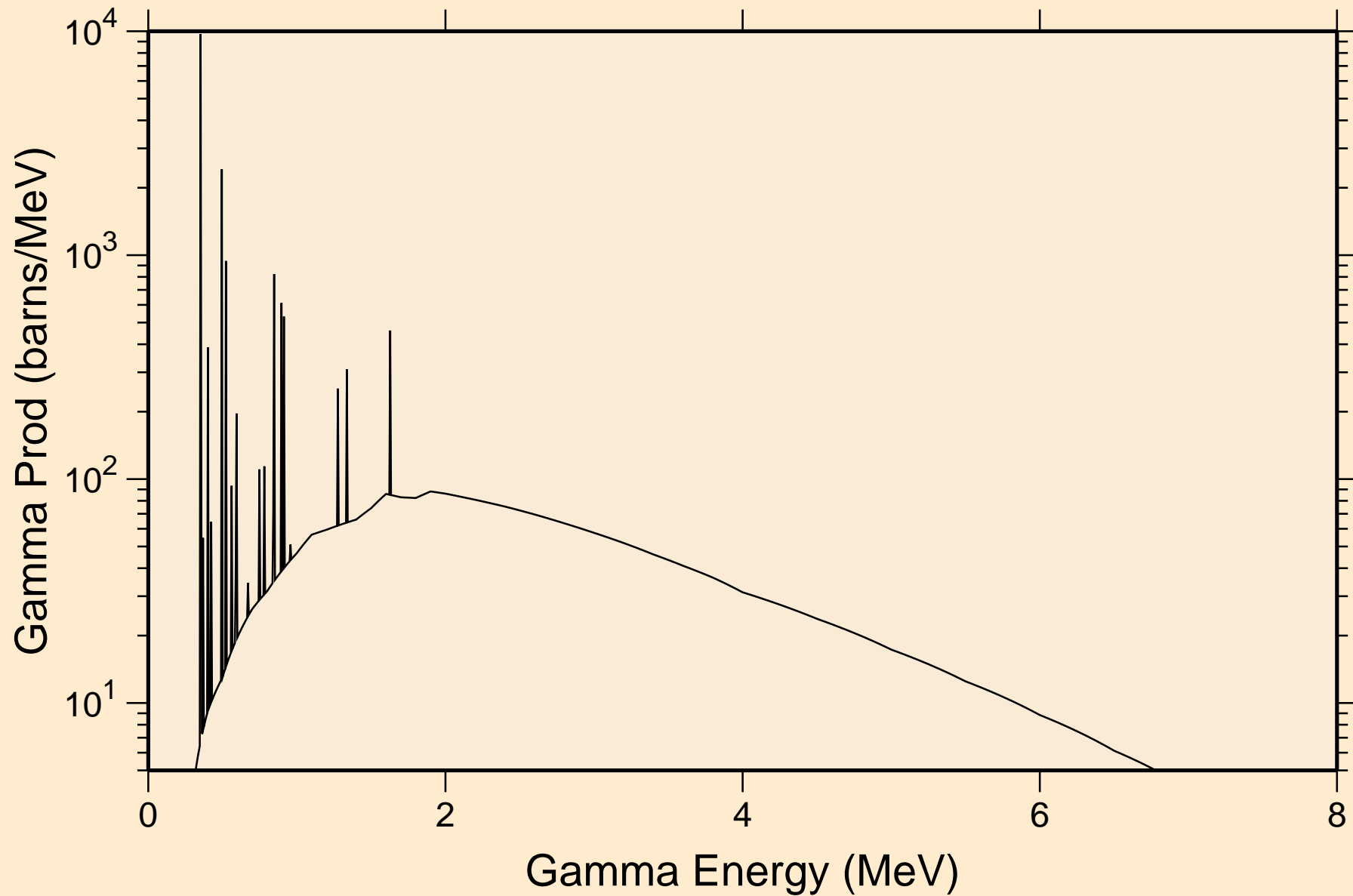
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,a)



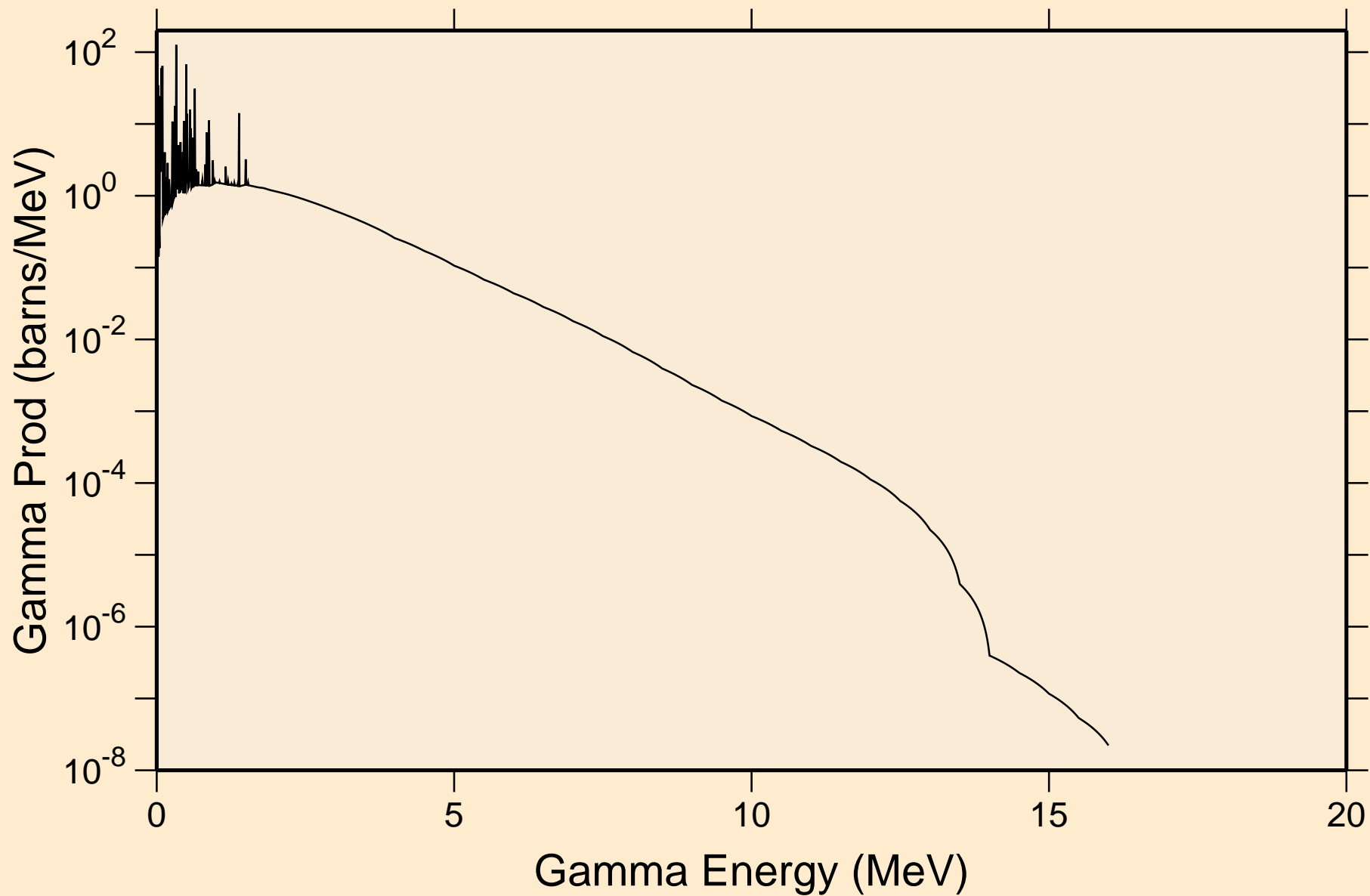
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2p)



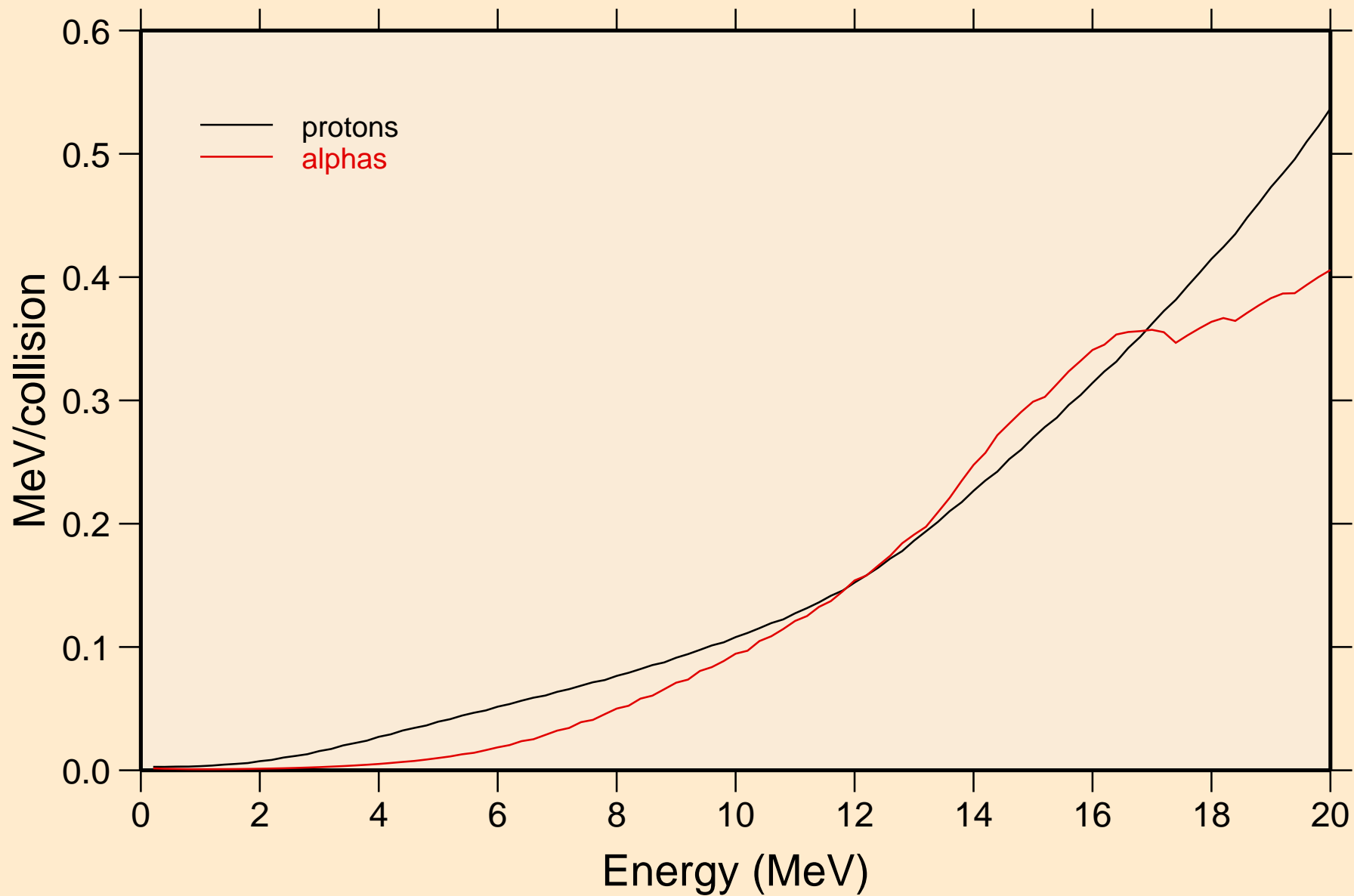
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
thermal capture photon spectrum



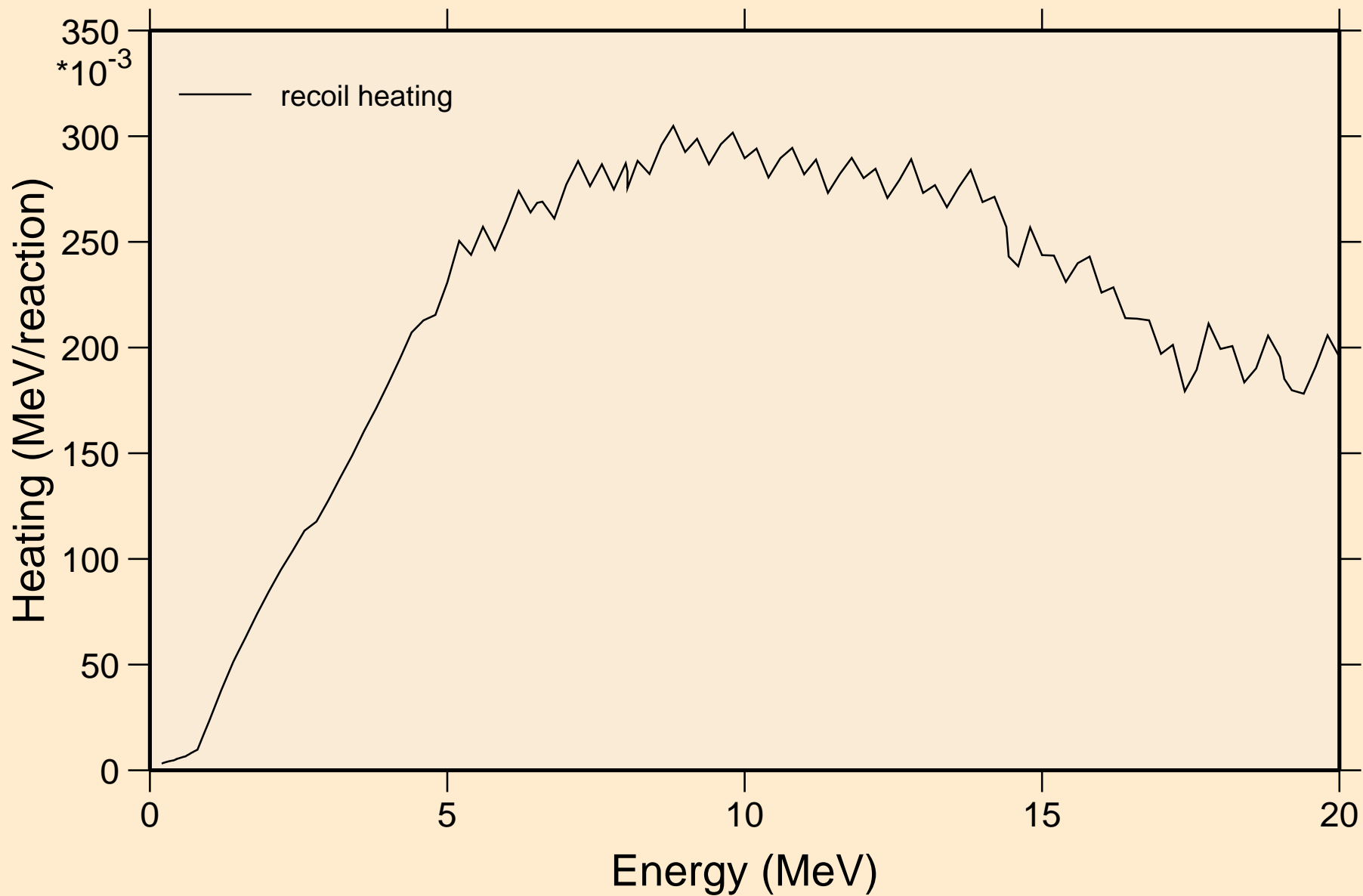
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
14 MeV photon spectrum



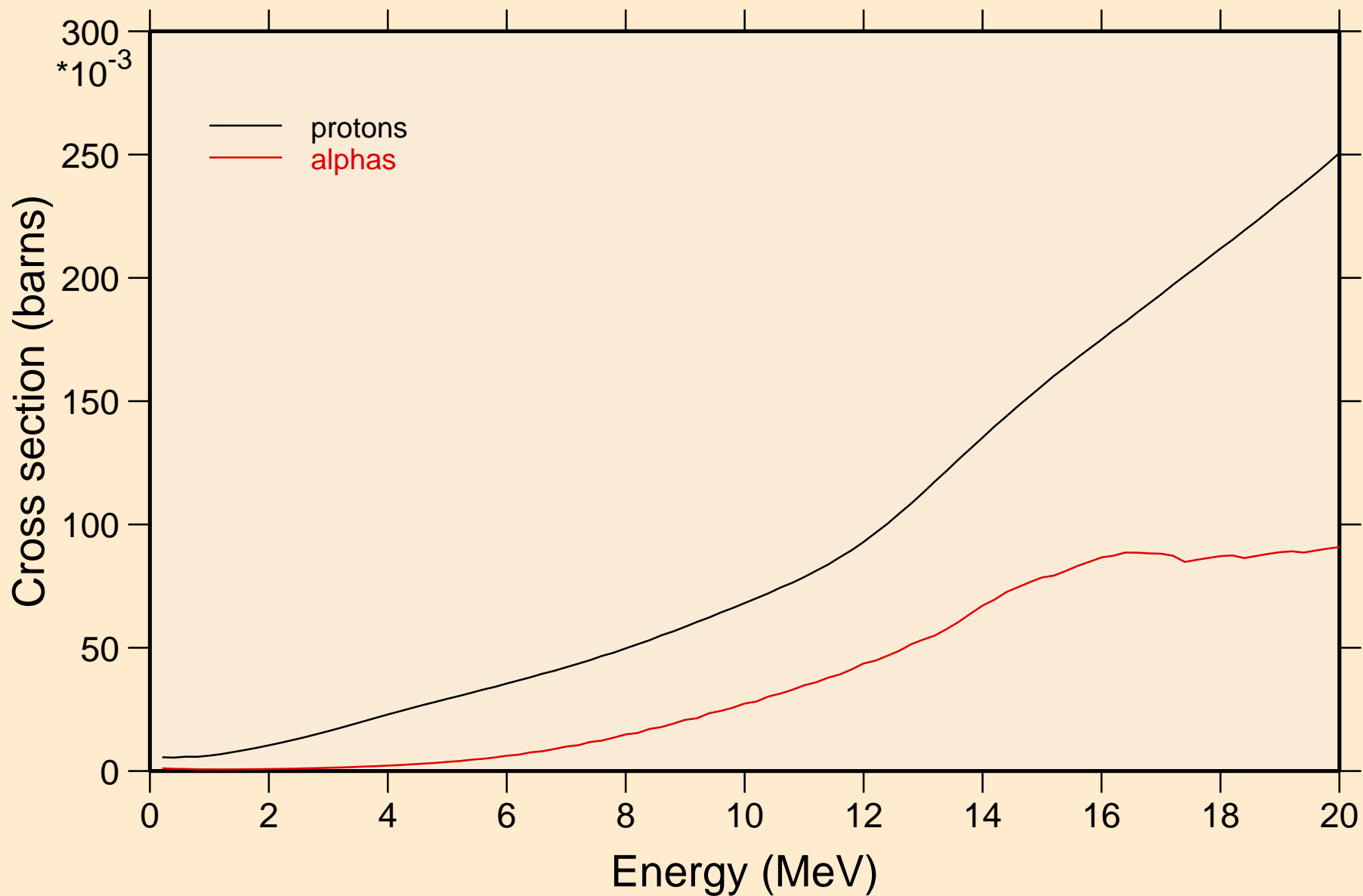
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Particle heating contributions



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Recoil Heating

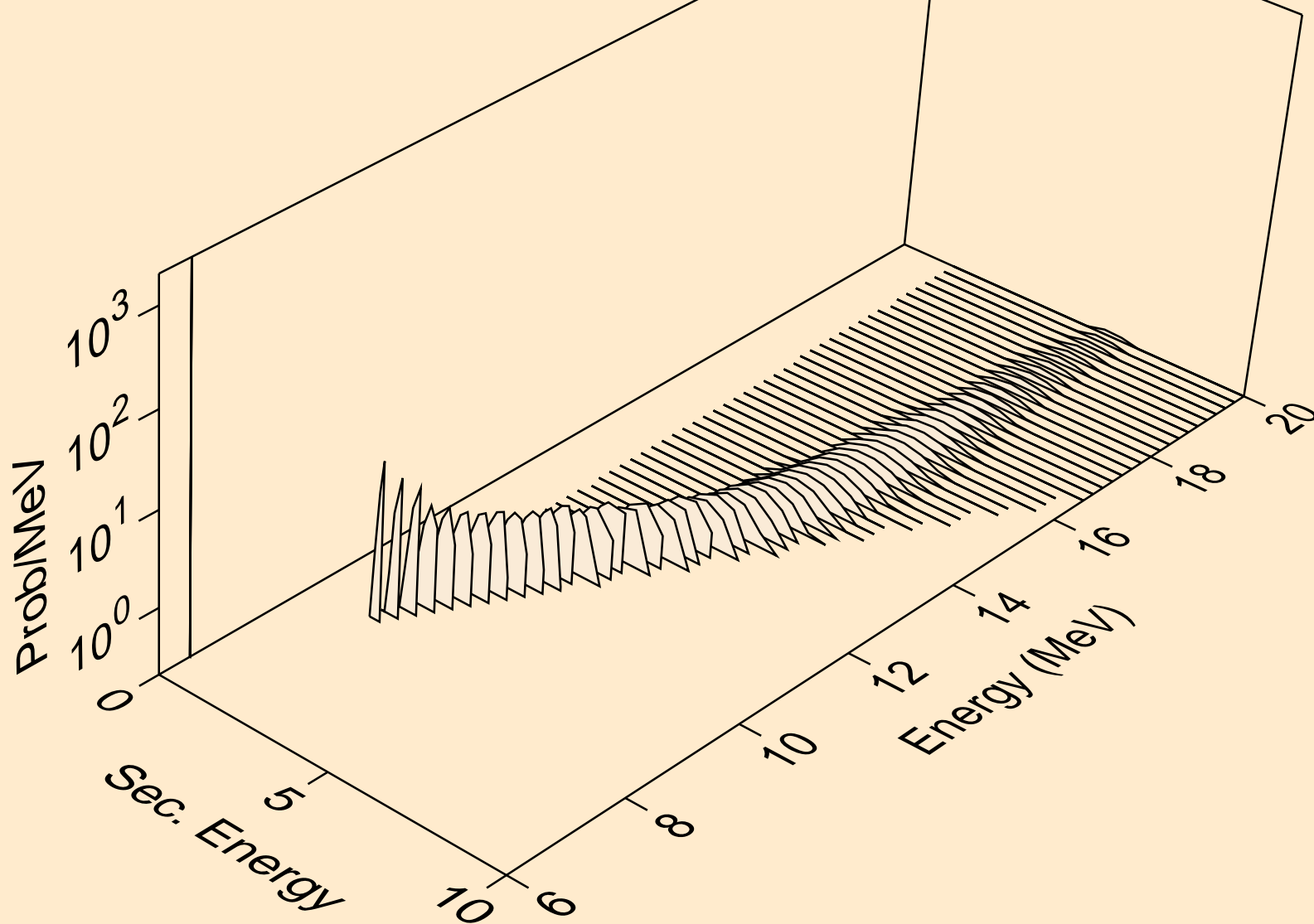


MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
Particle production cross sections

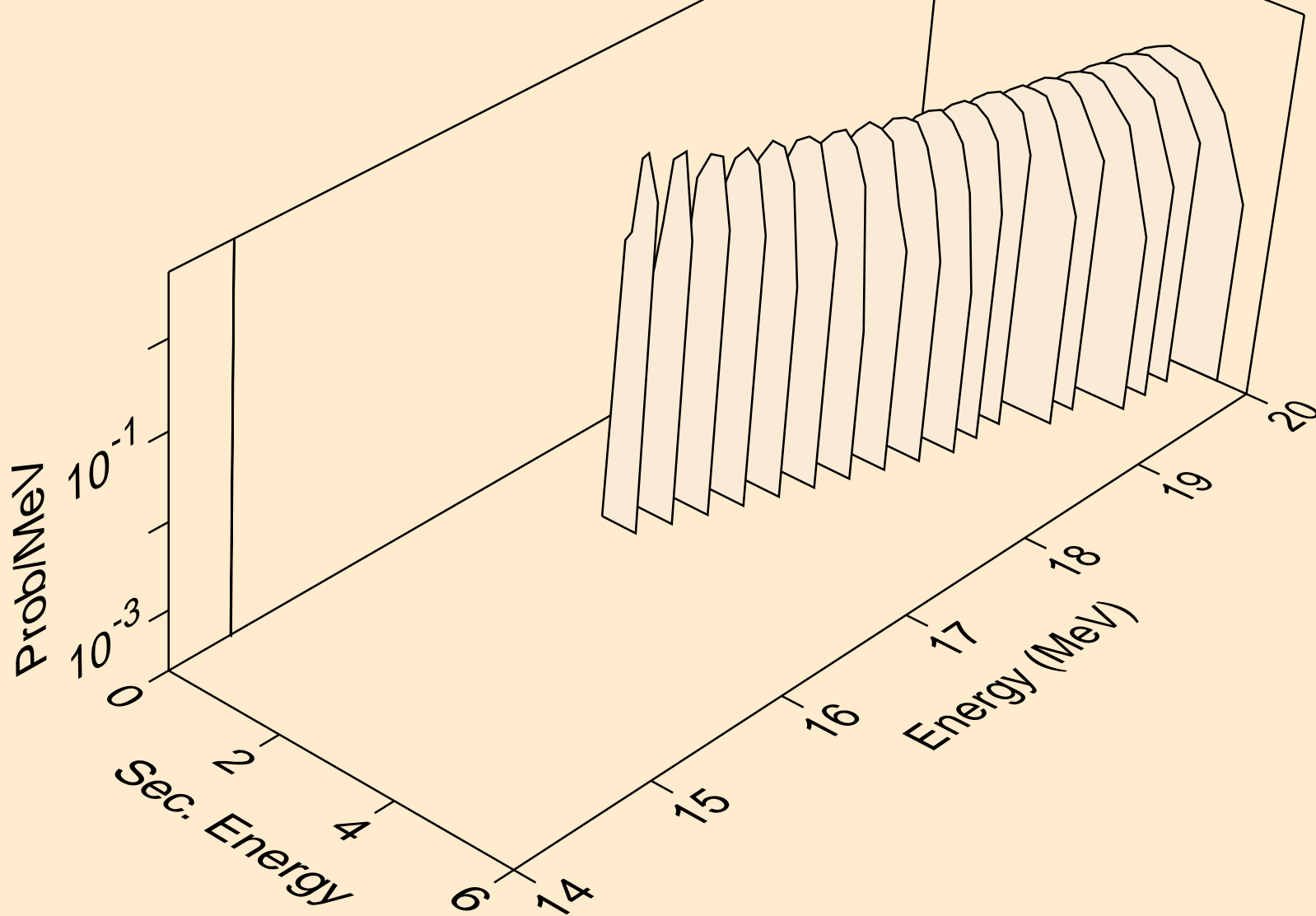




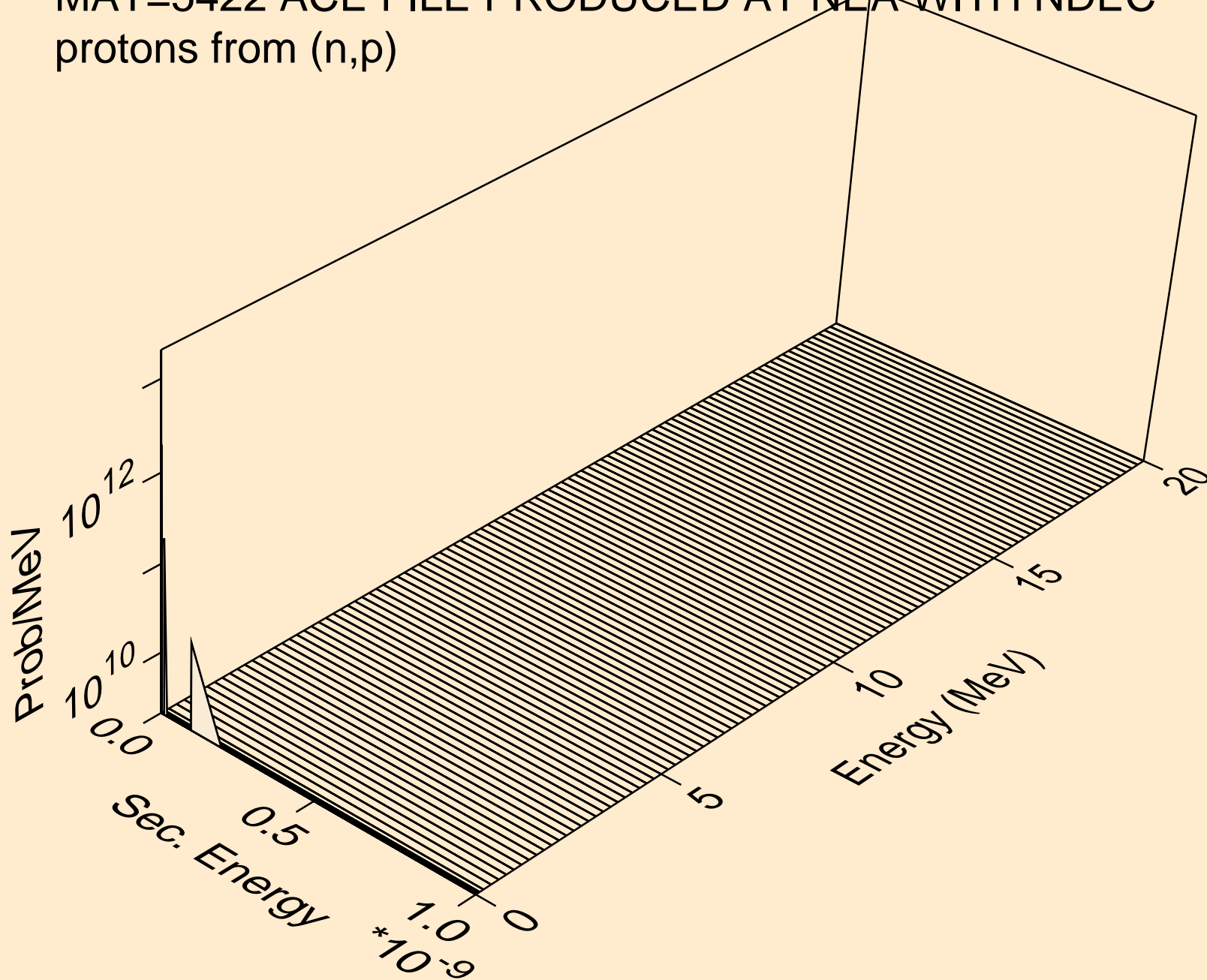
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,n\*)p



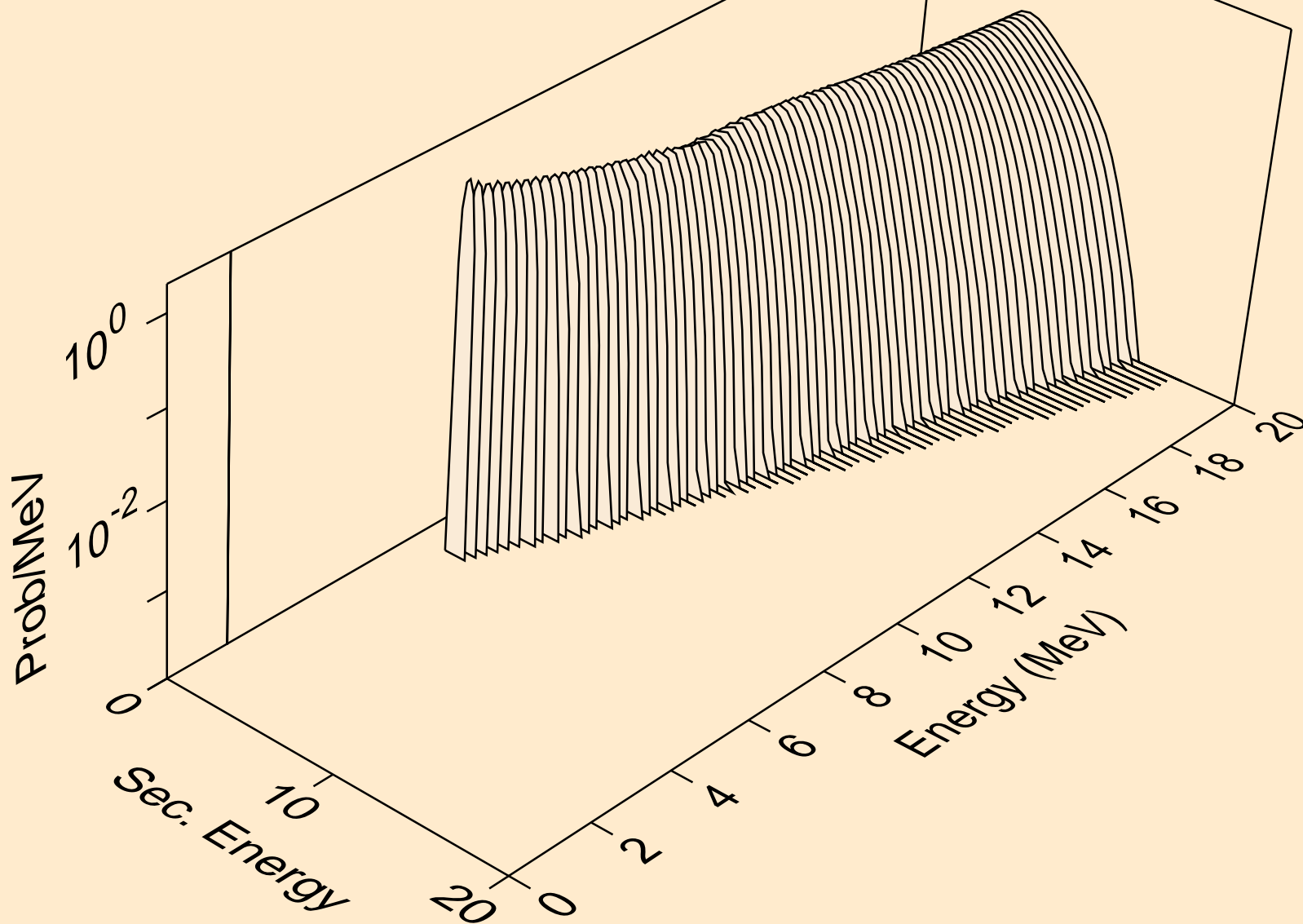
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,2np)



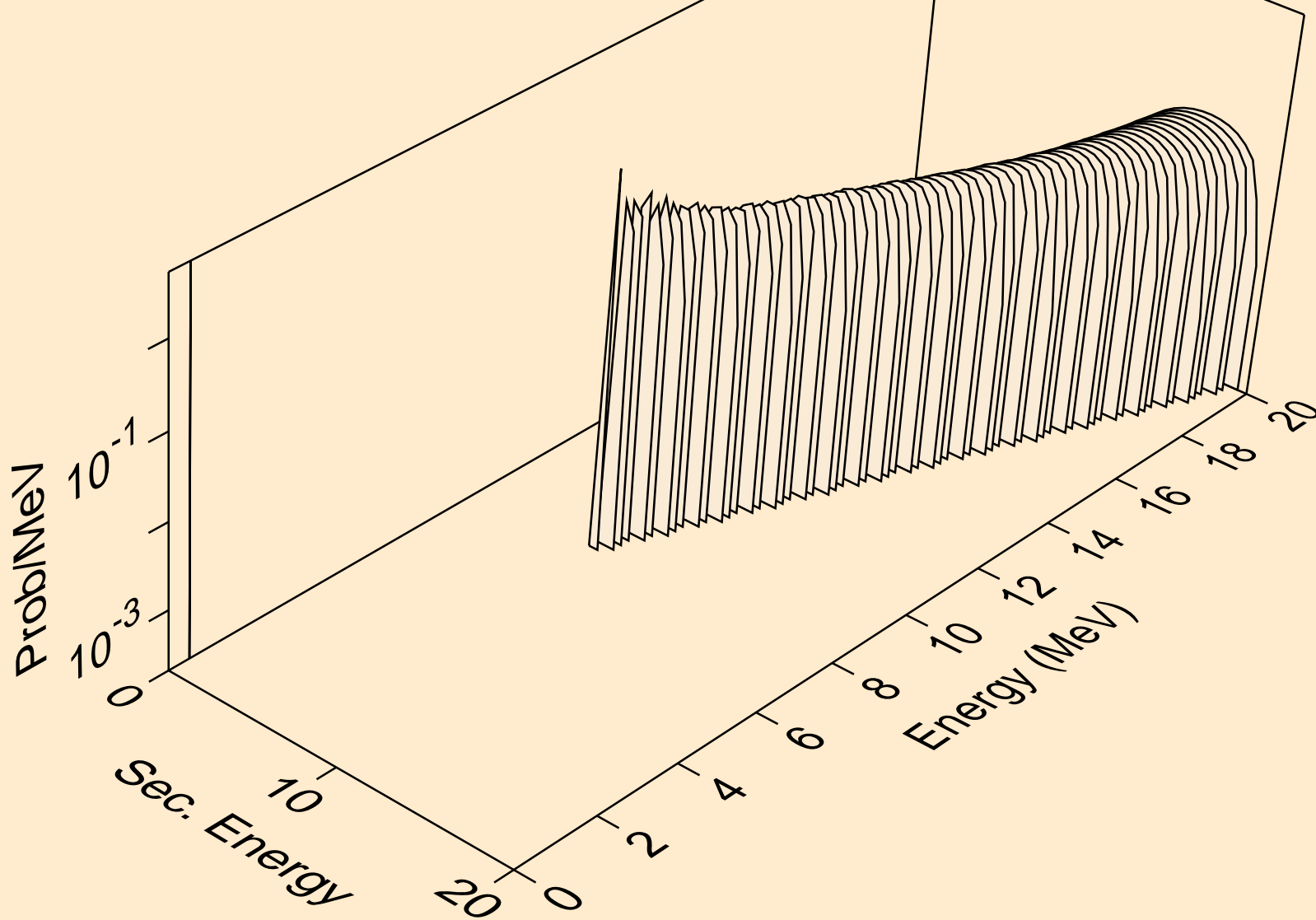
MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,p)



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,2p)



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,n\*)a



MAT=5422 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,a)

