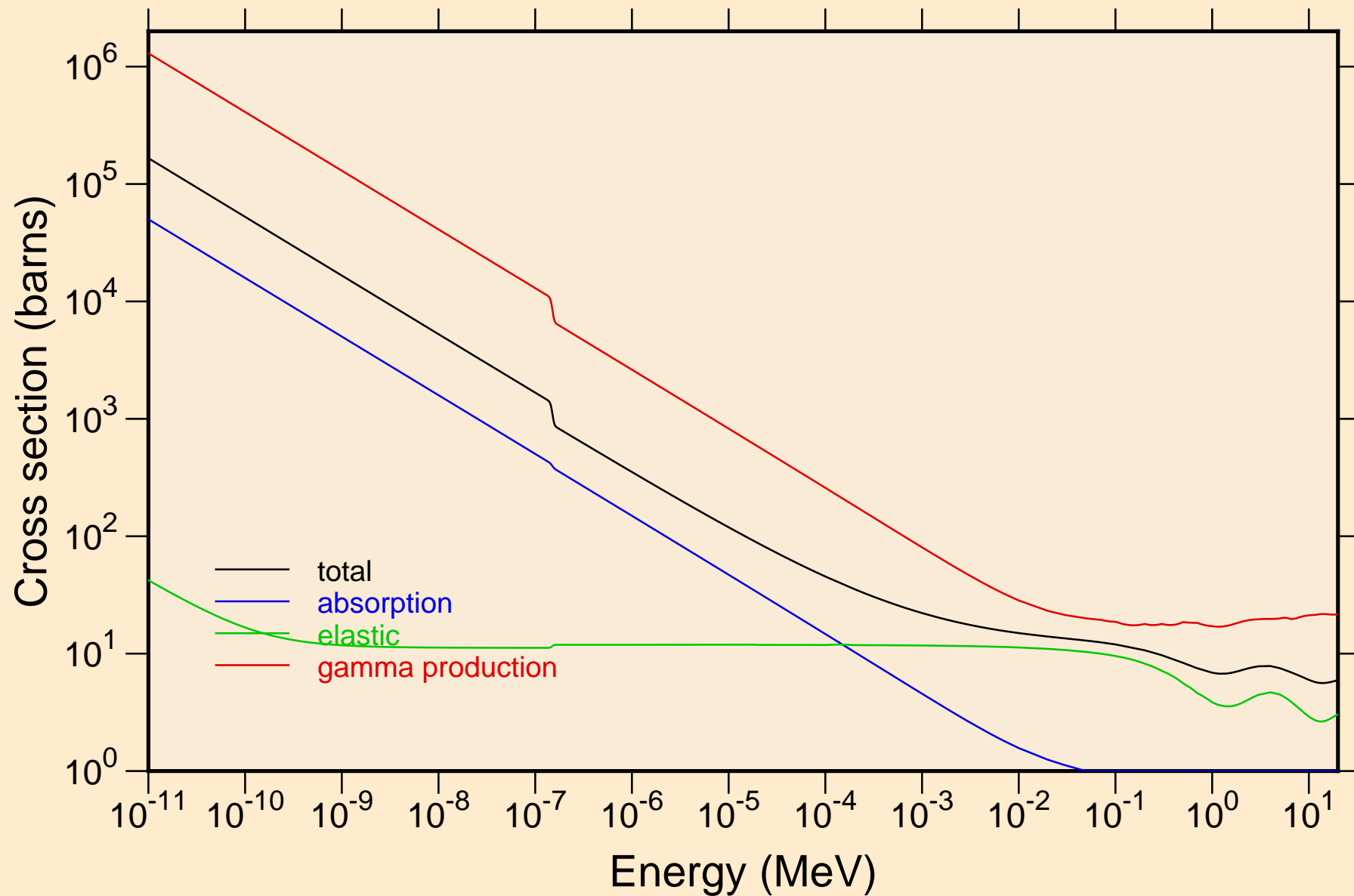
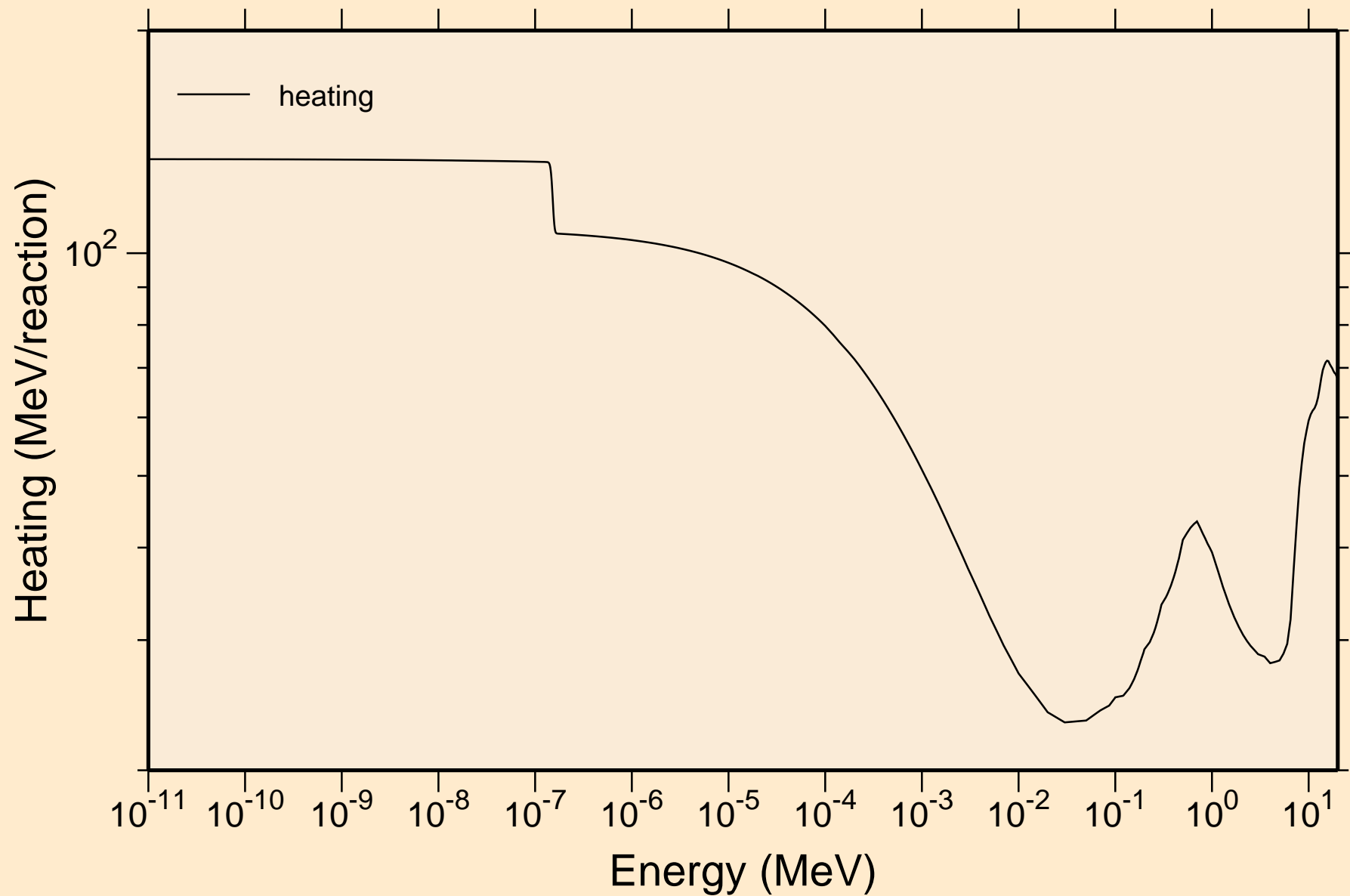


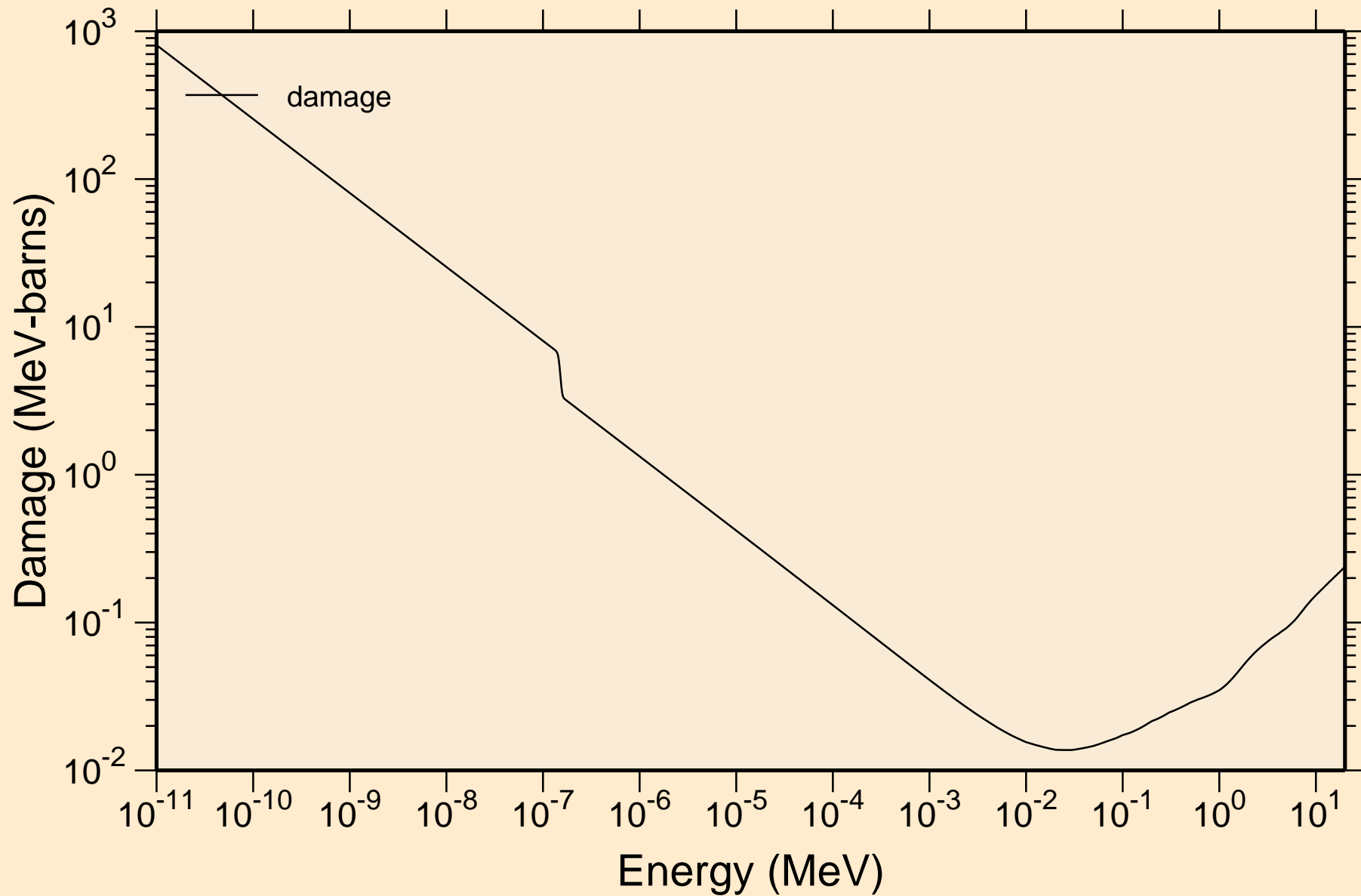
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Principal cross sections



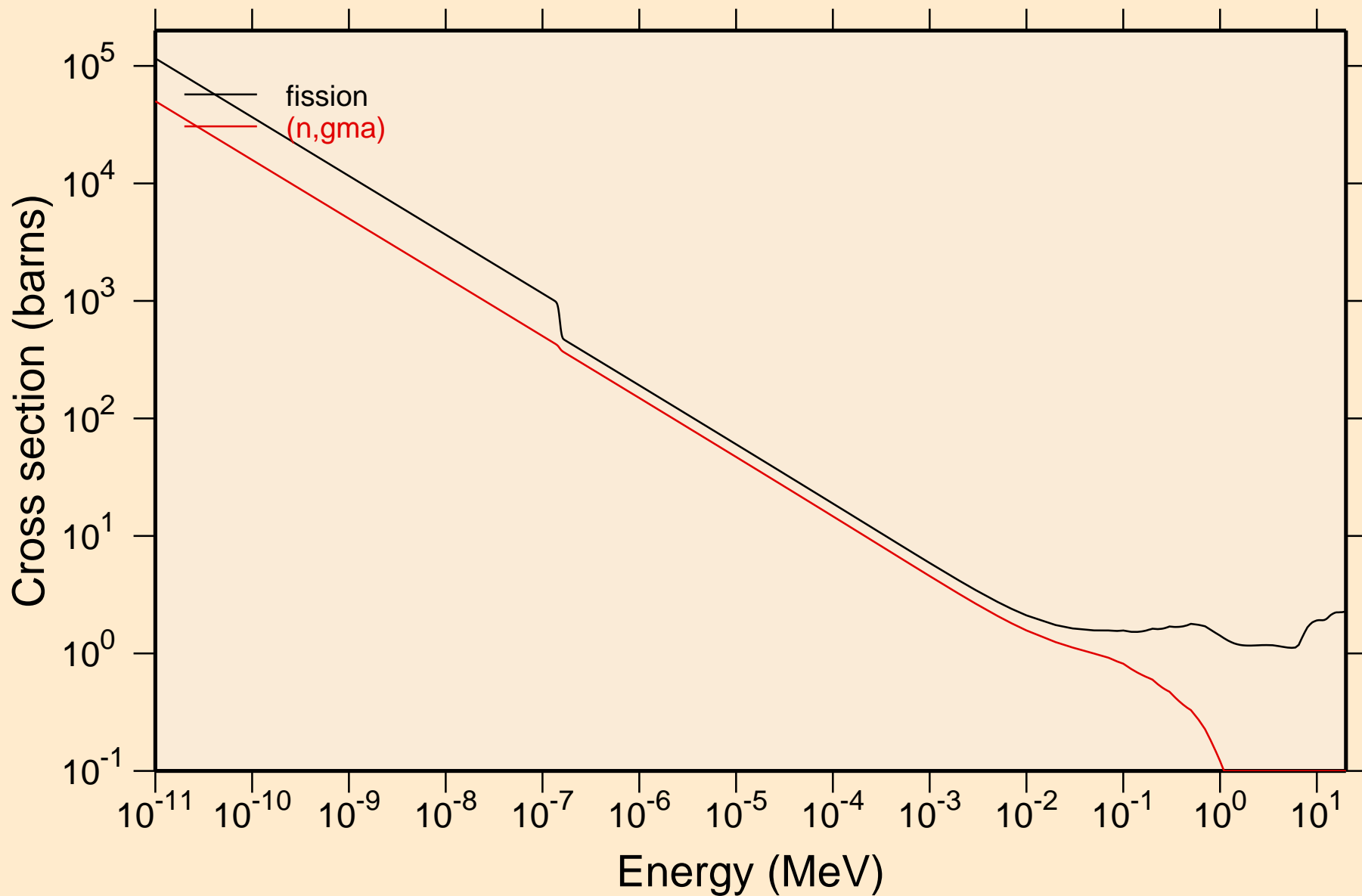
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Damage

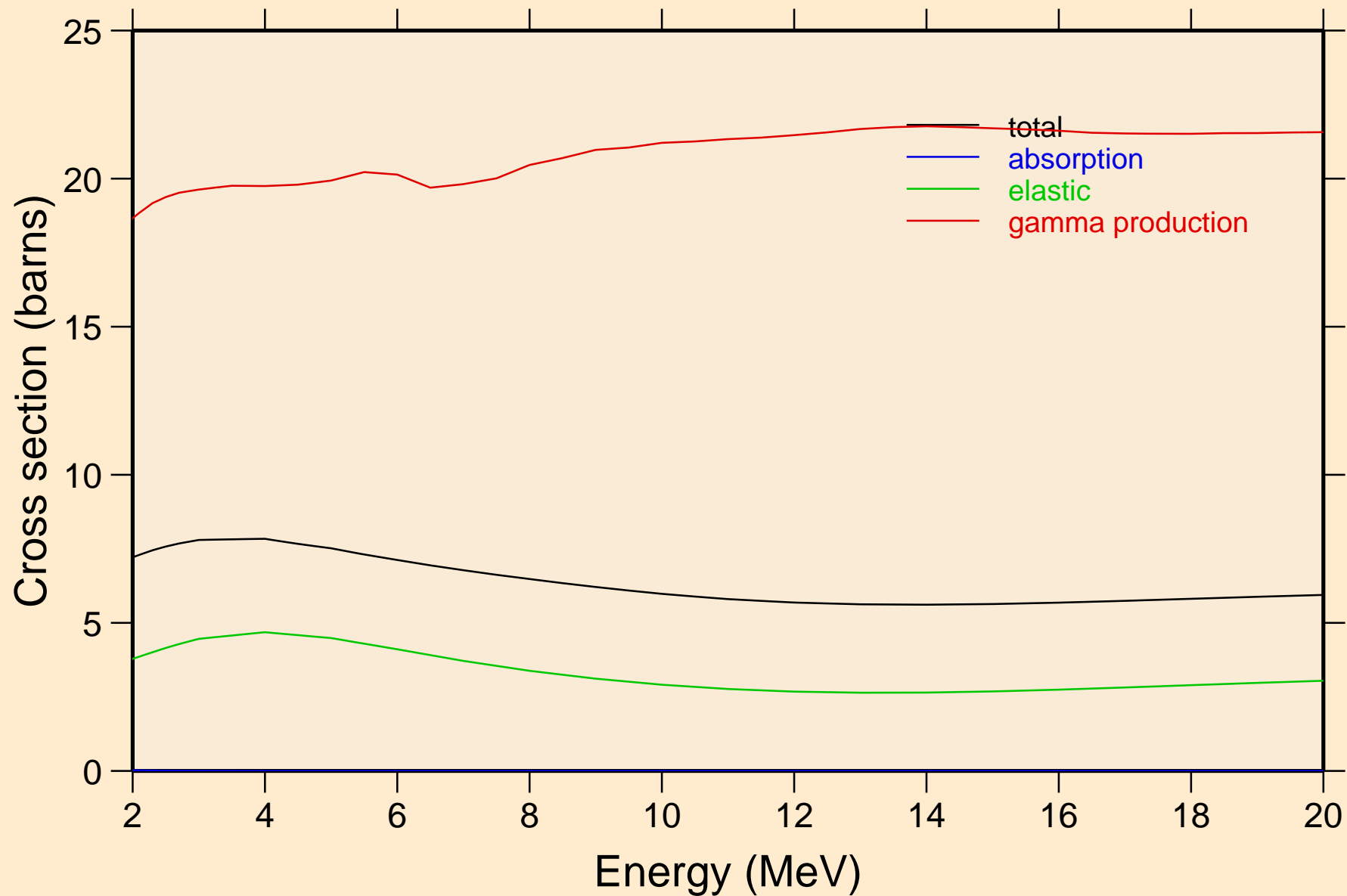


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Non-threshold reactions

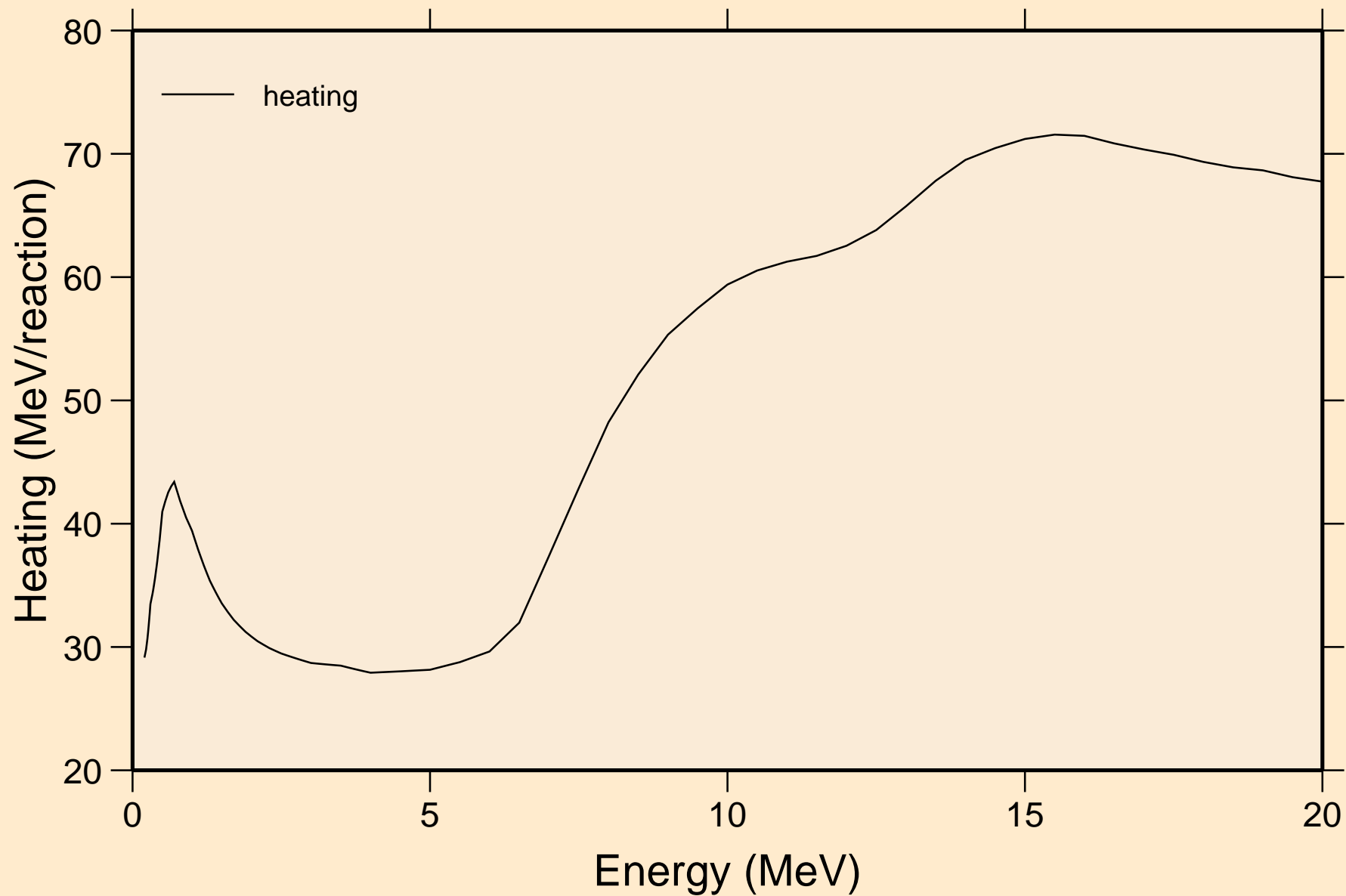


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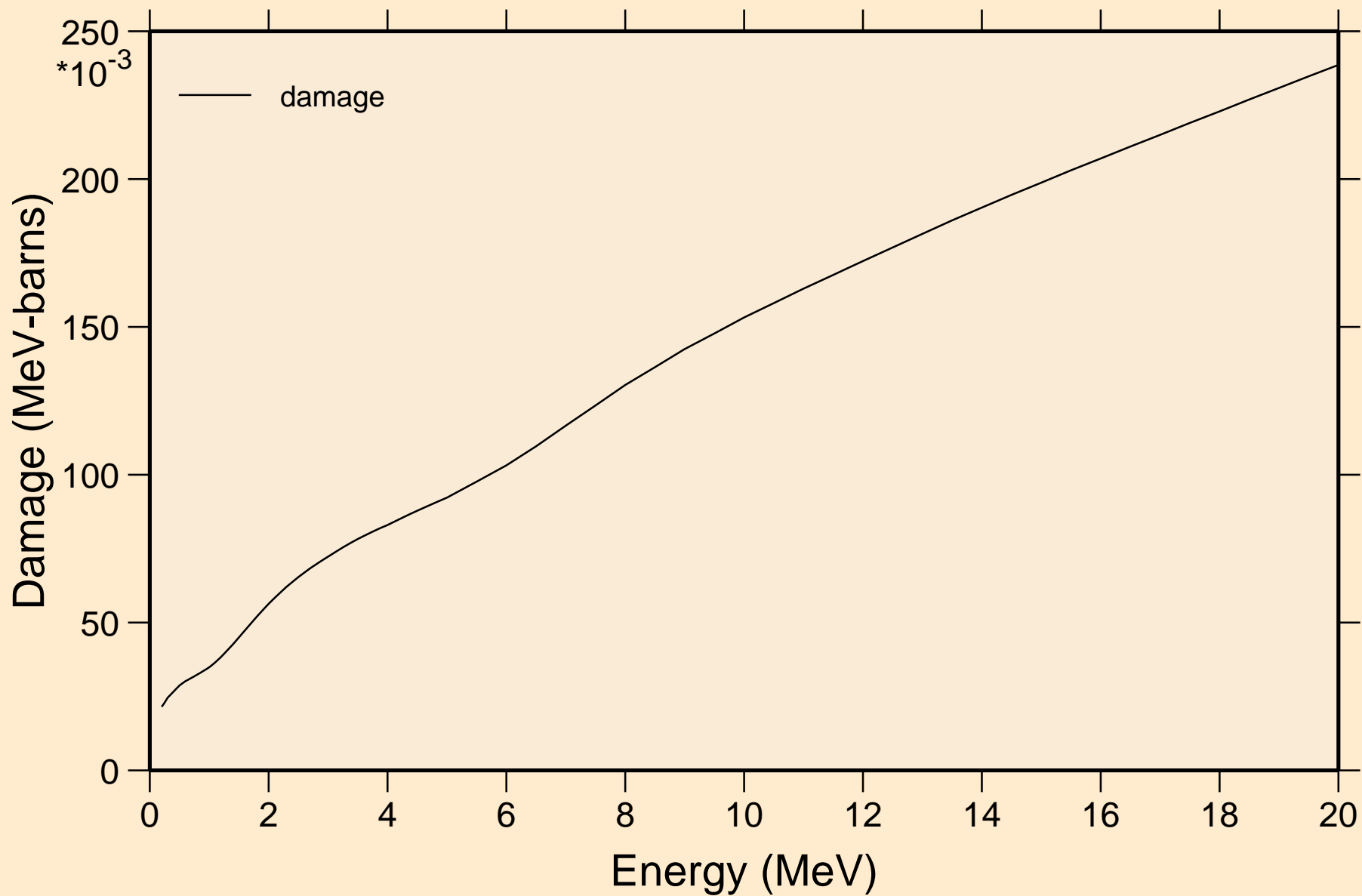
## Principal cross sections



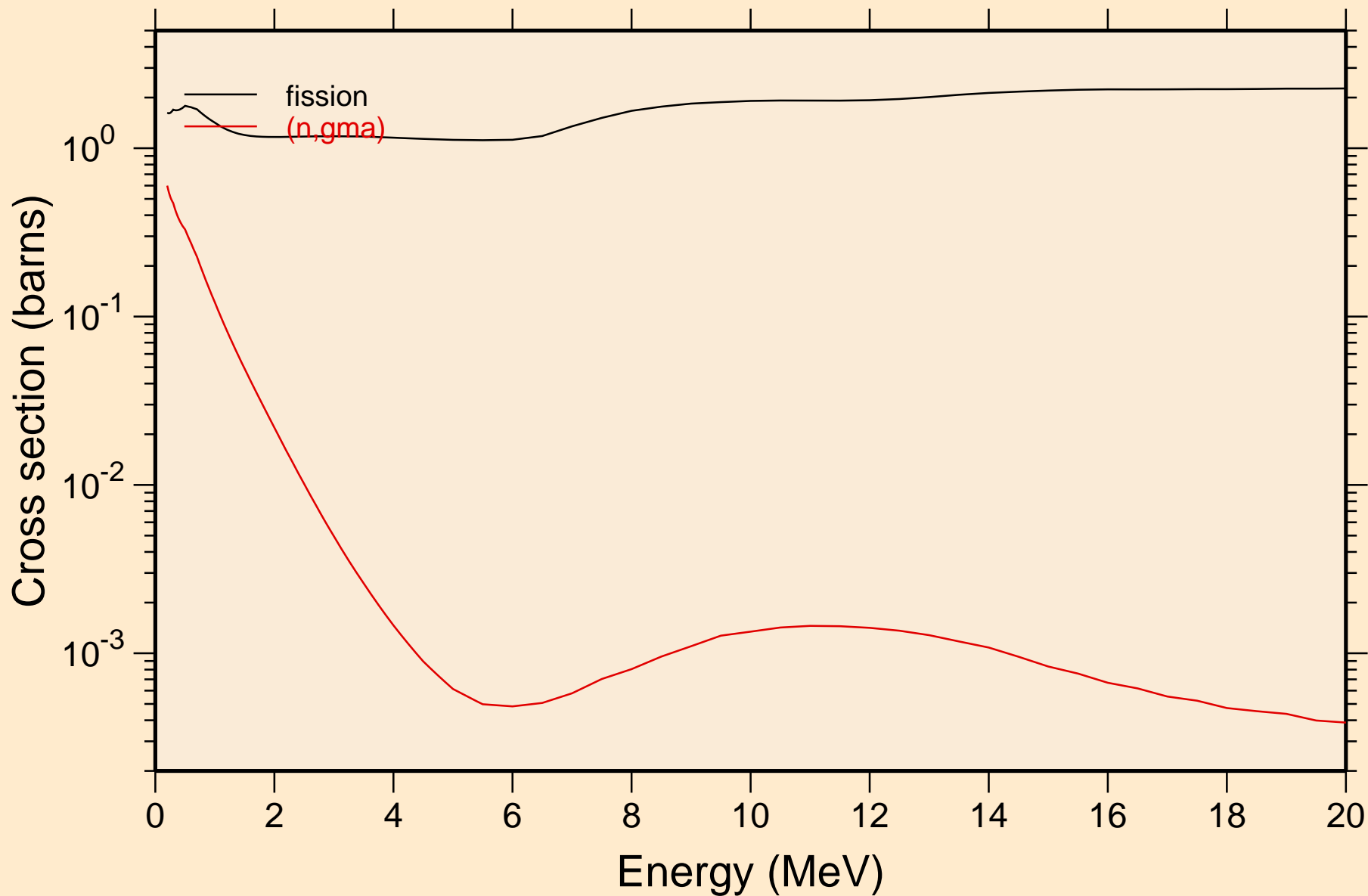
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Heating



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Damage

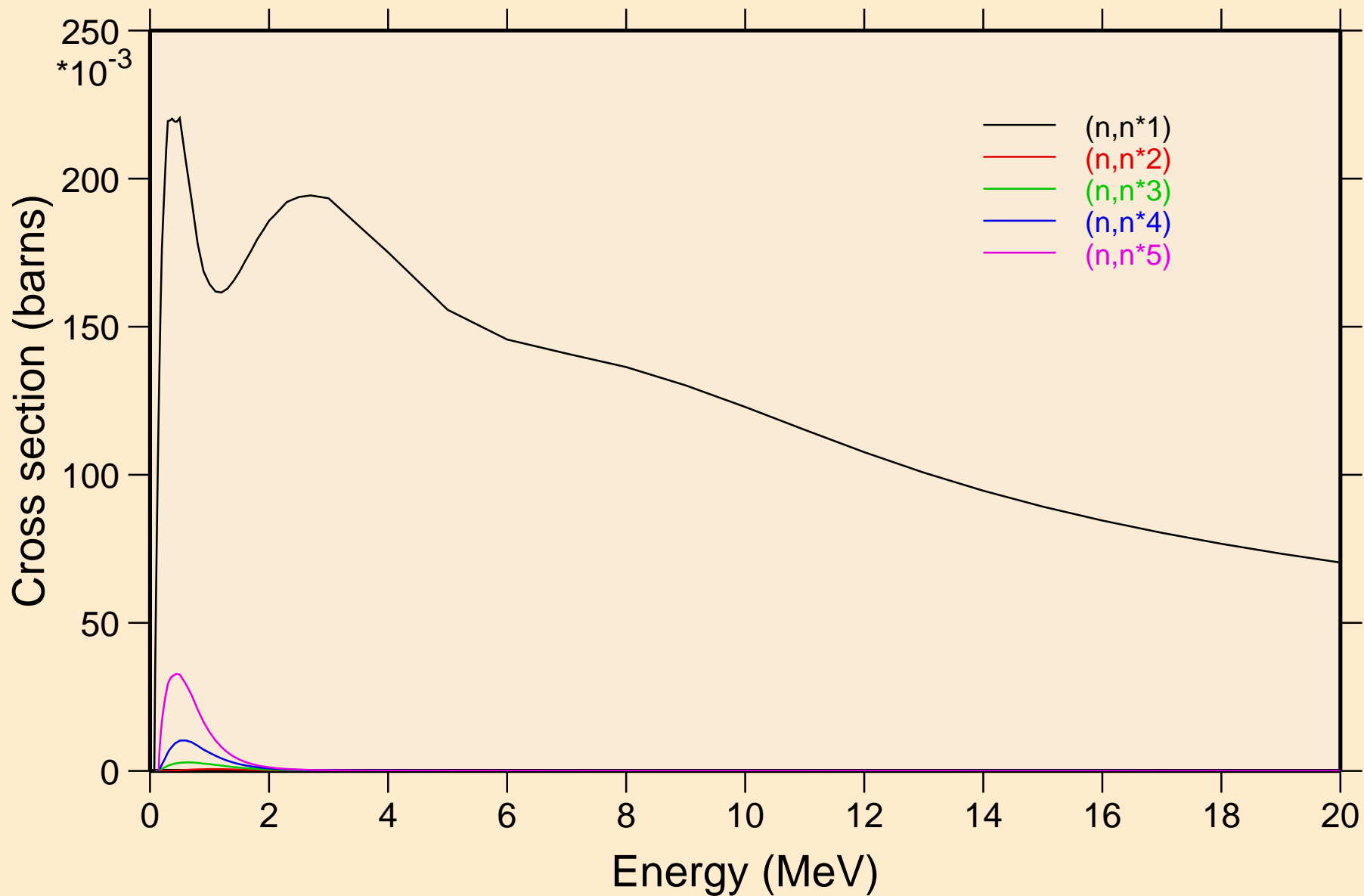


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Non-threshold reactions

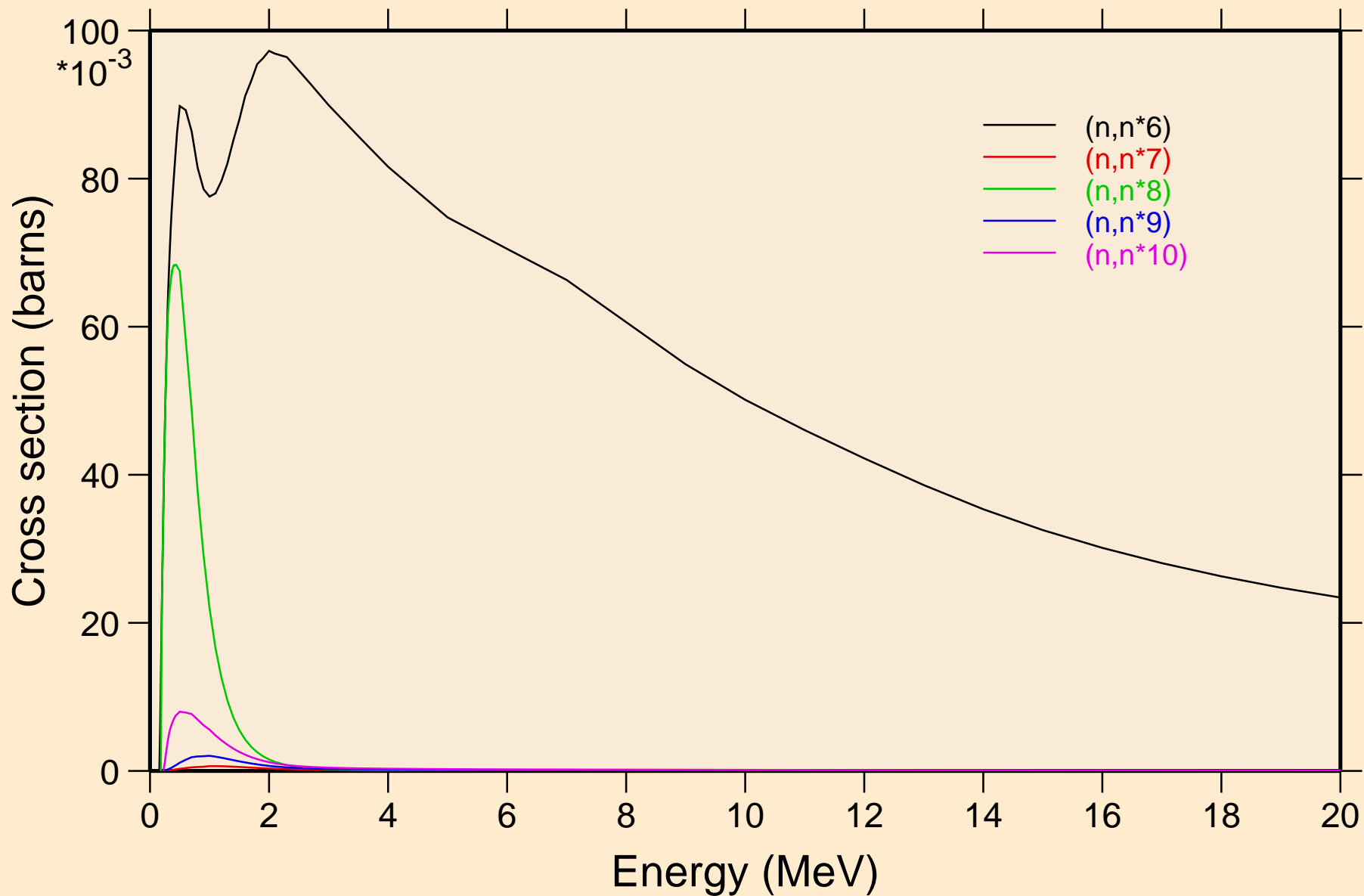




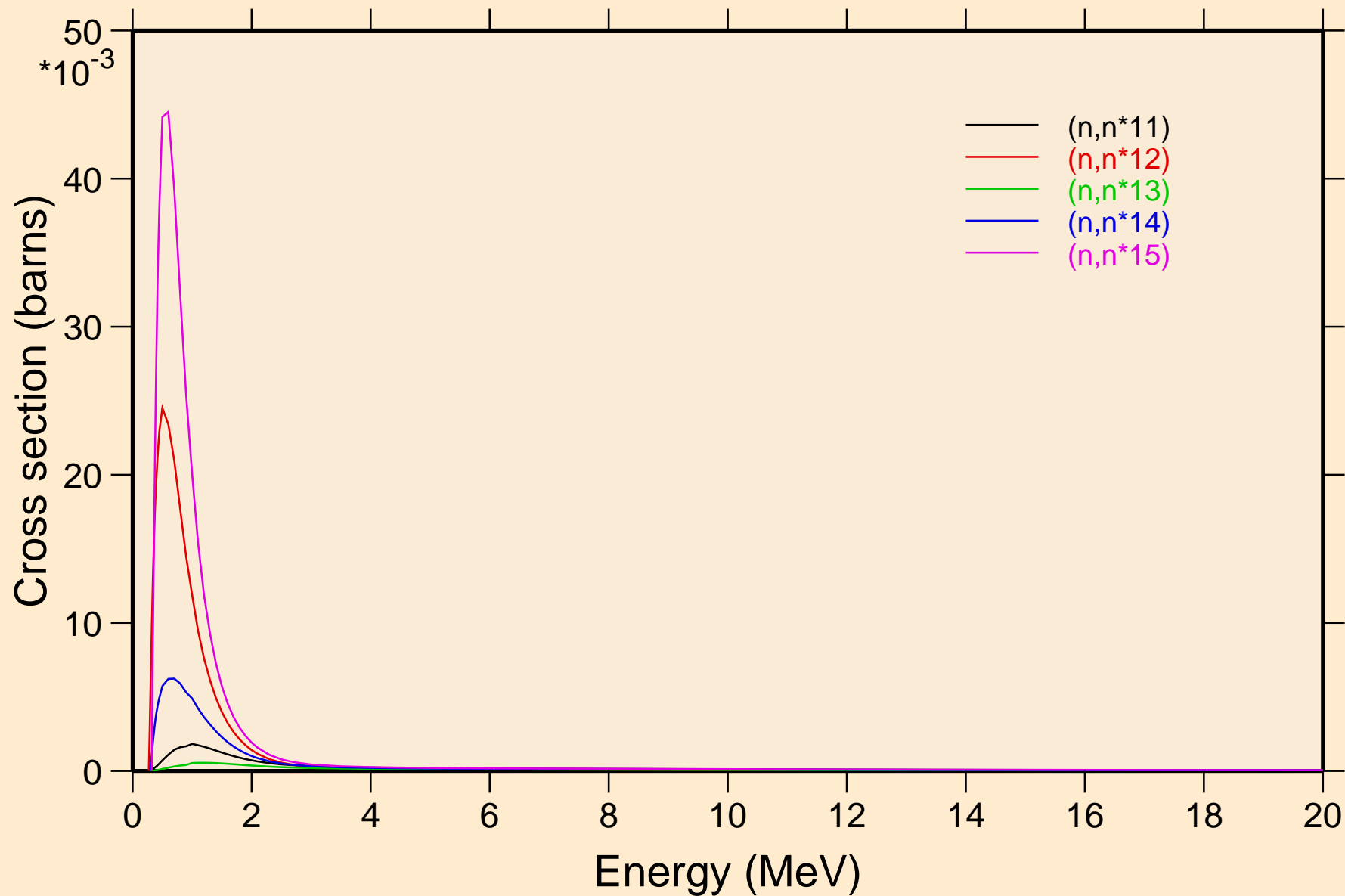
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Inelastic levels



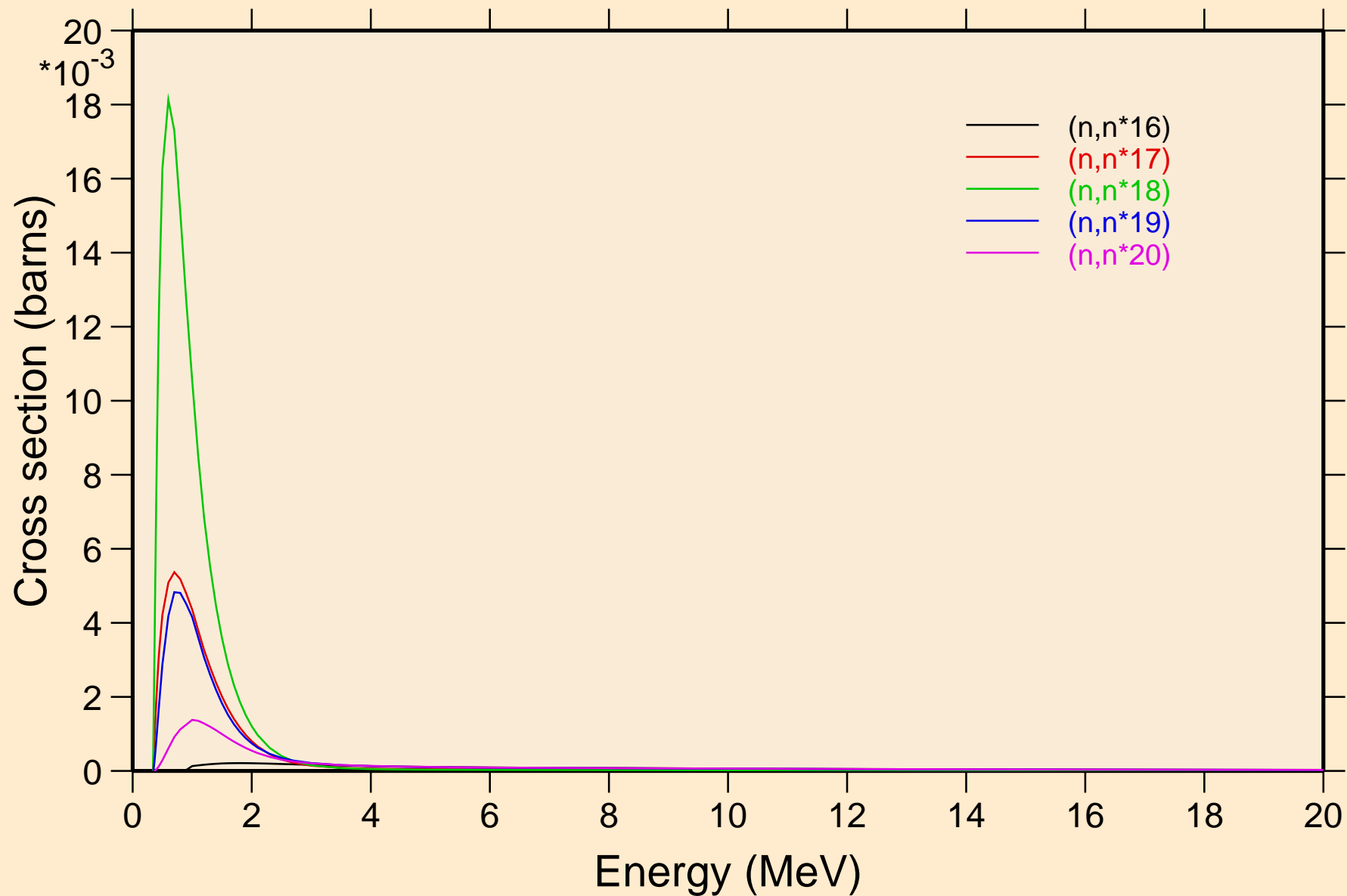
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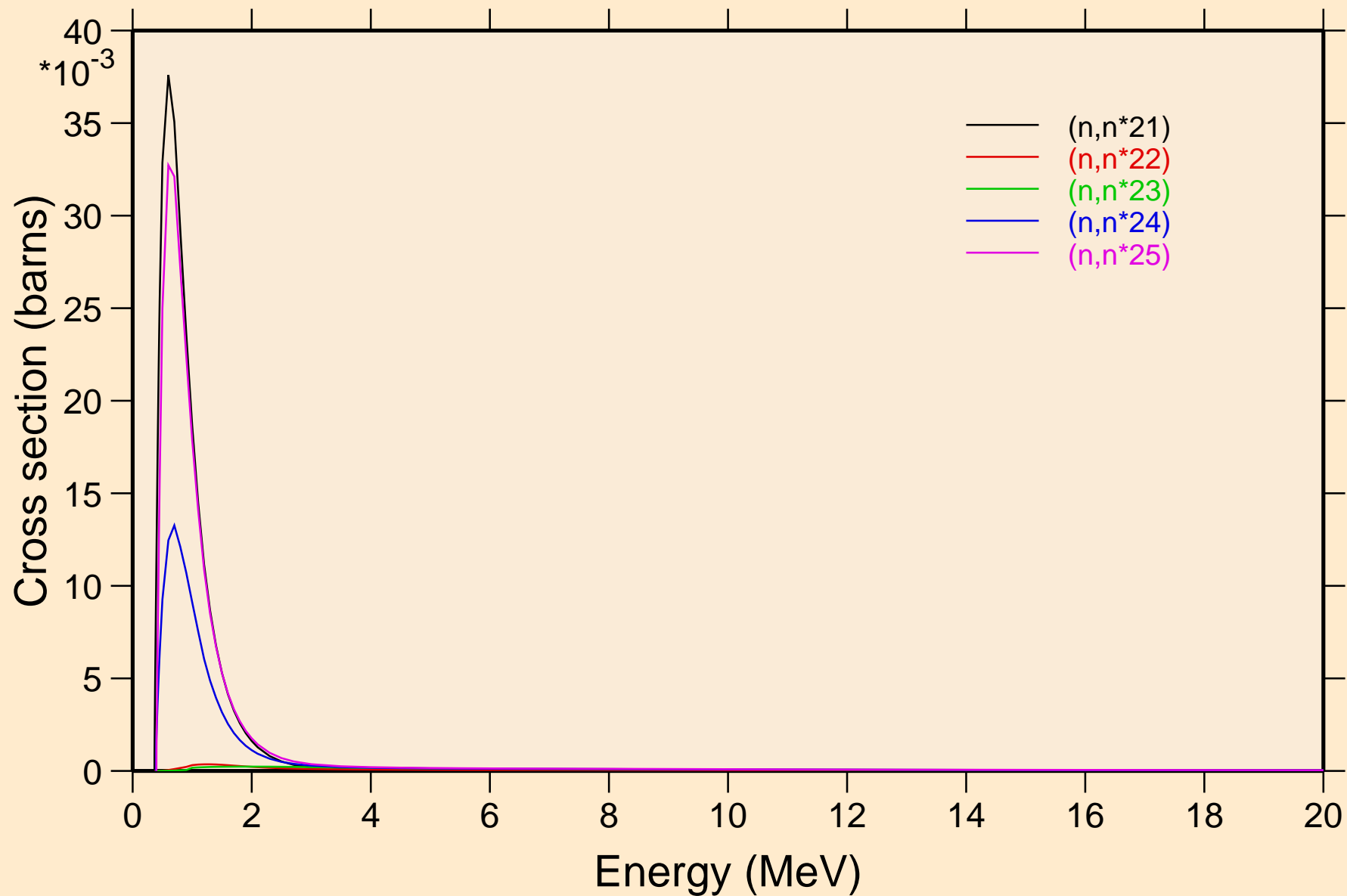
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Inelastic levels



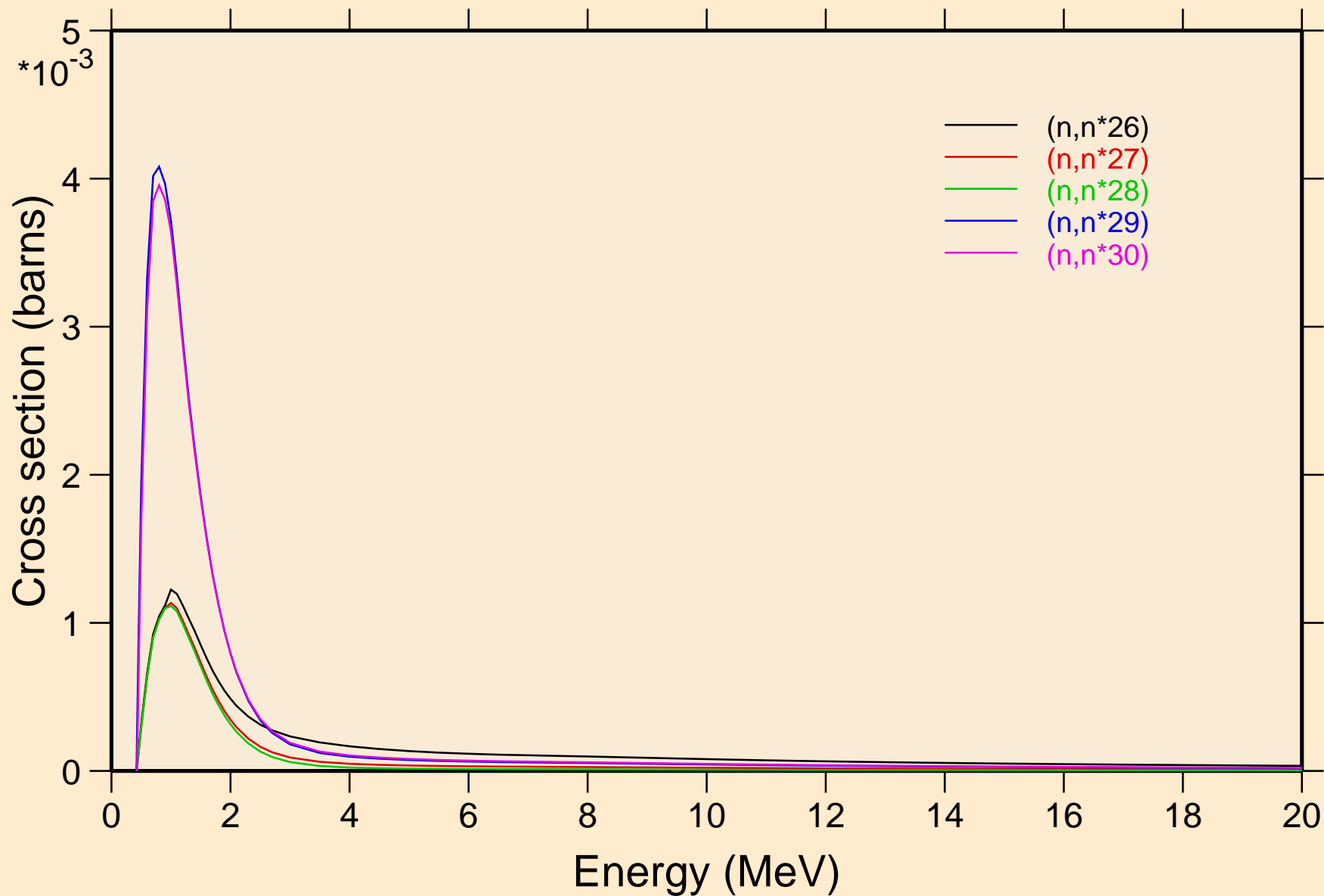
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Inelastic levels



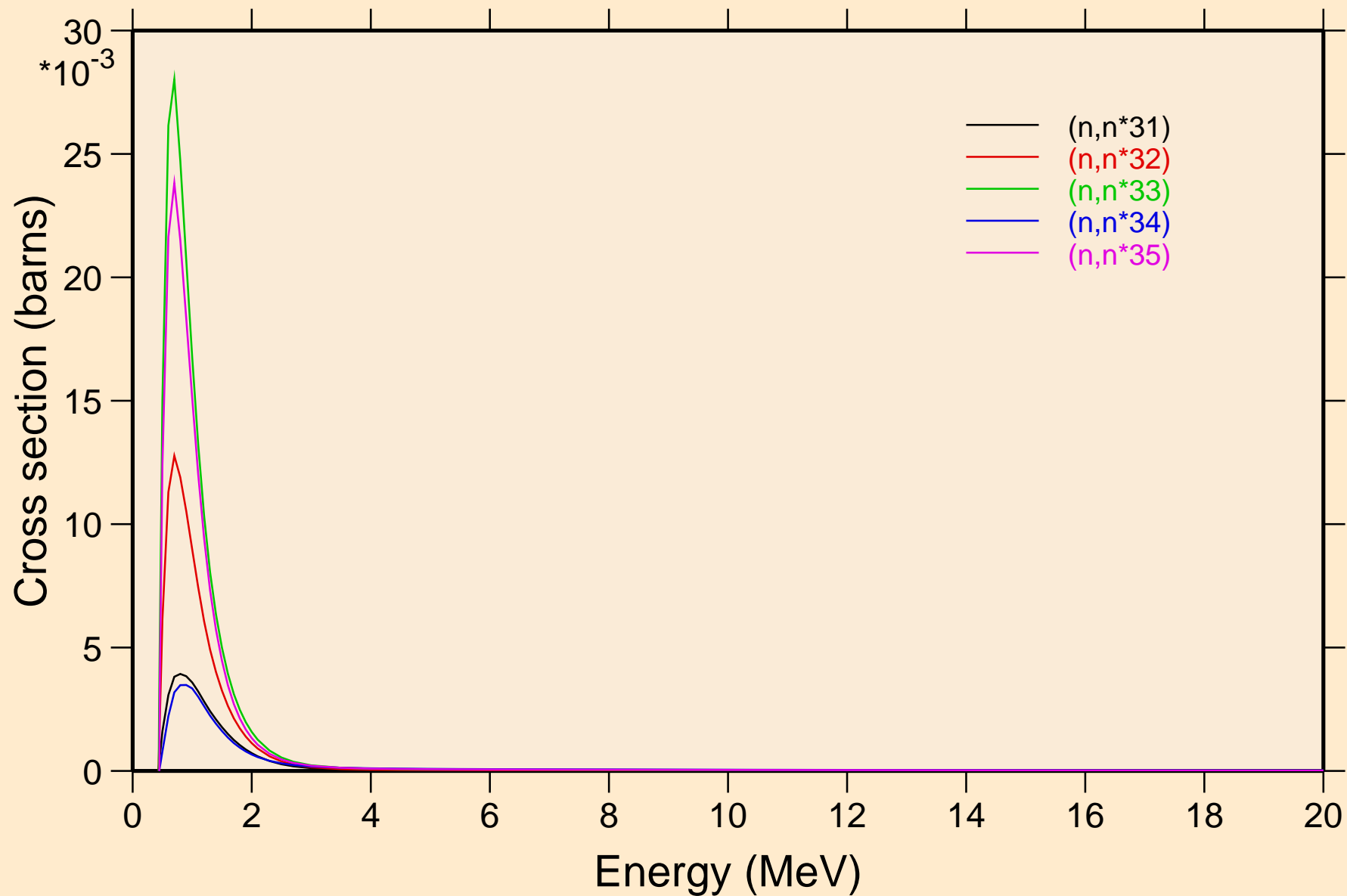
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Inelastic levels



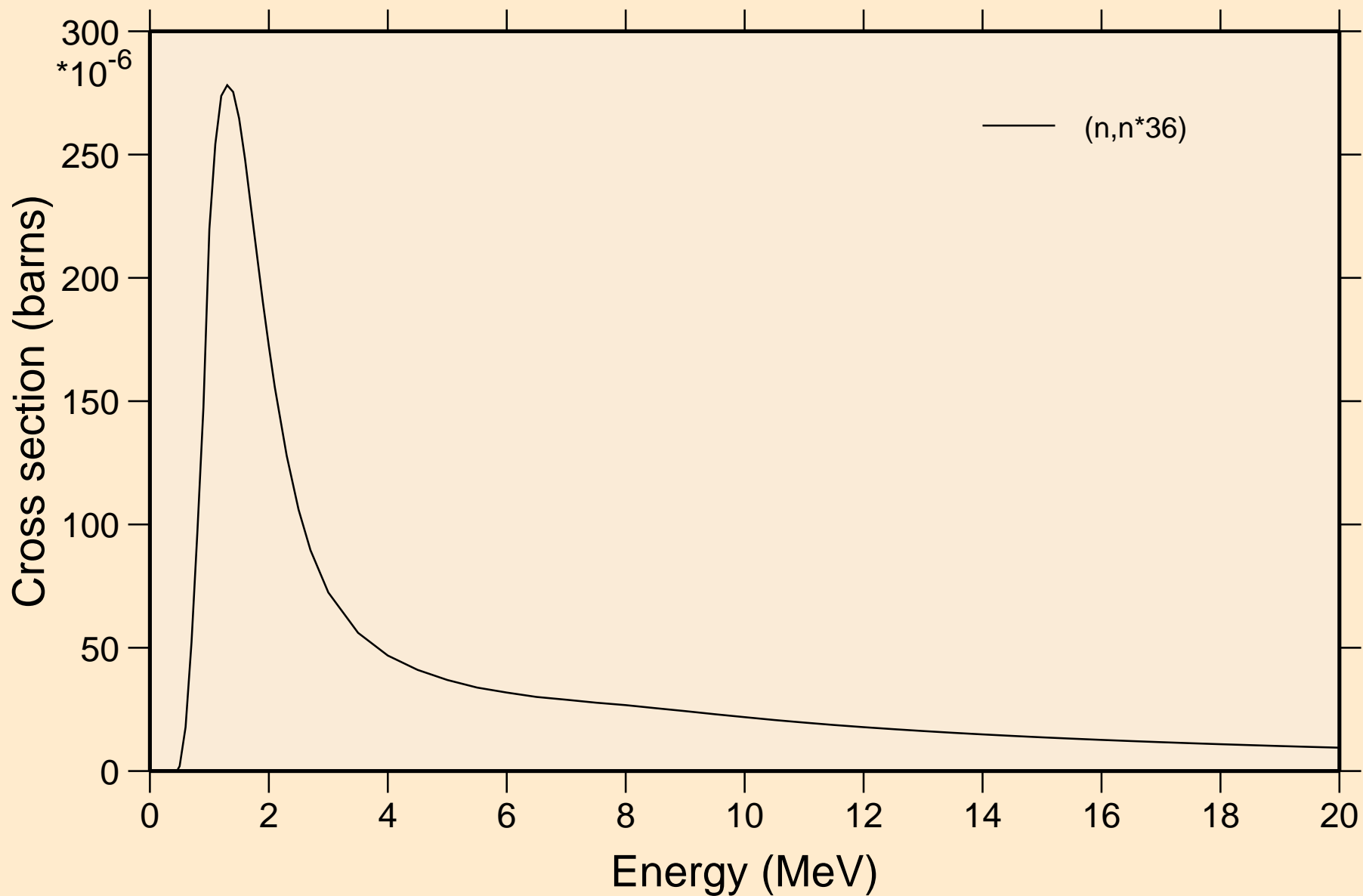
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Inelastic levels



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels

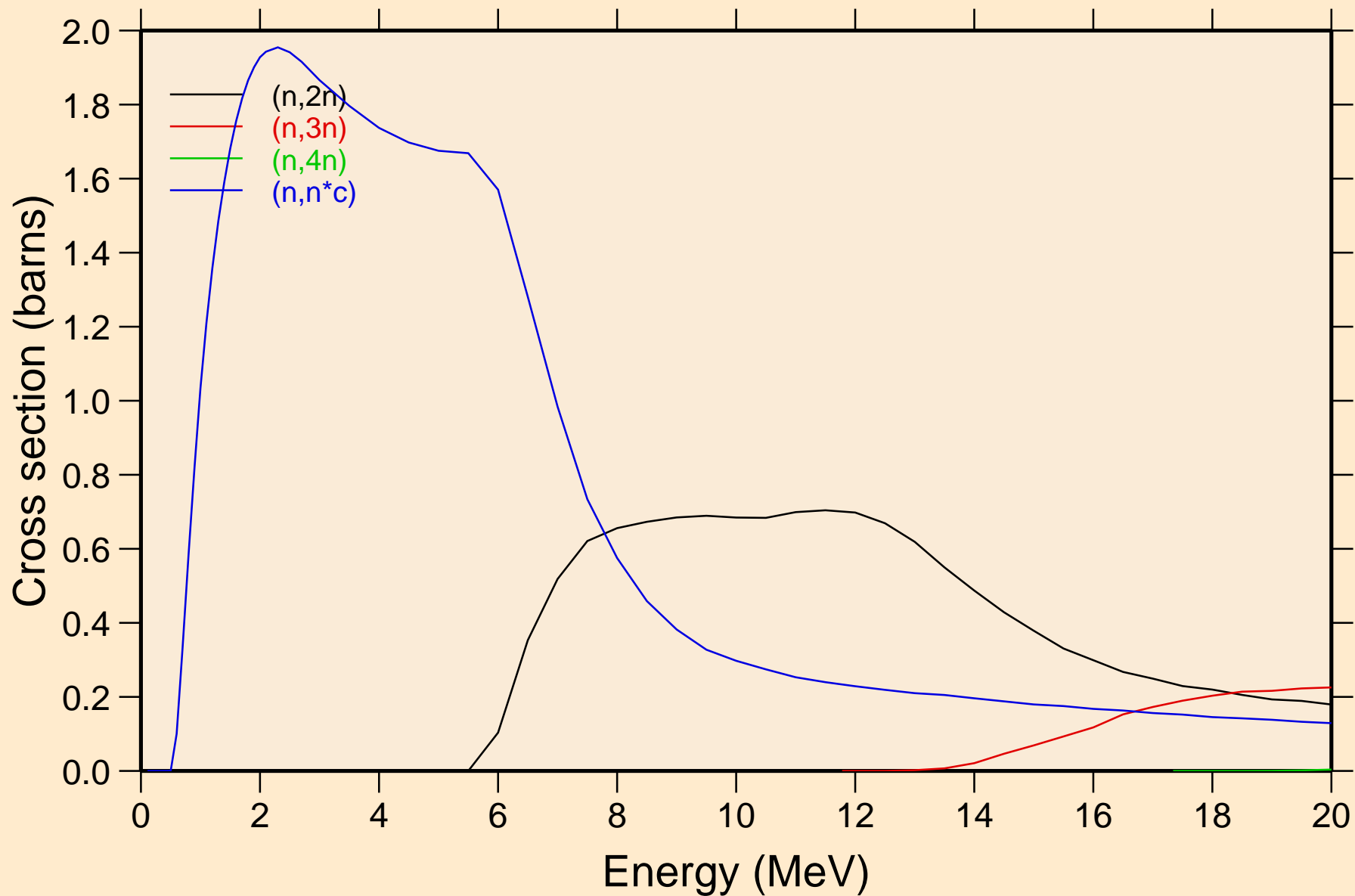


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Inelastic levels

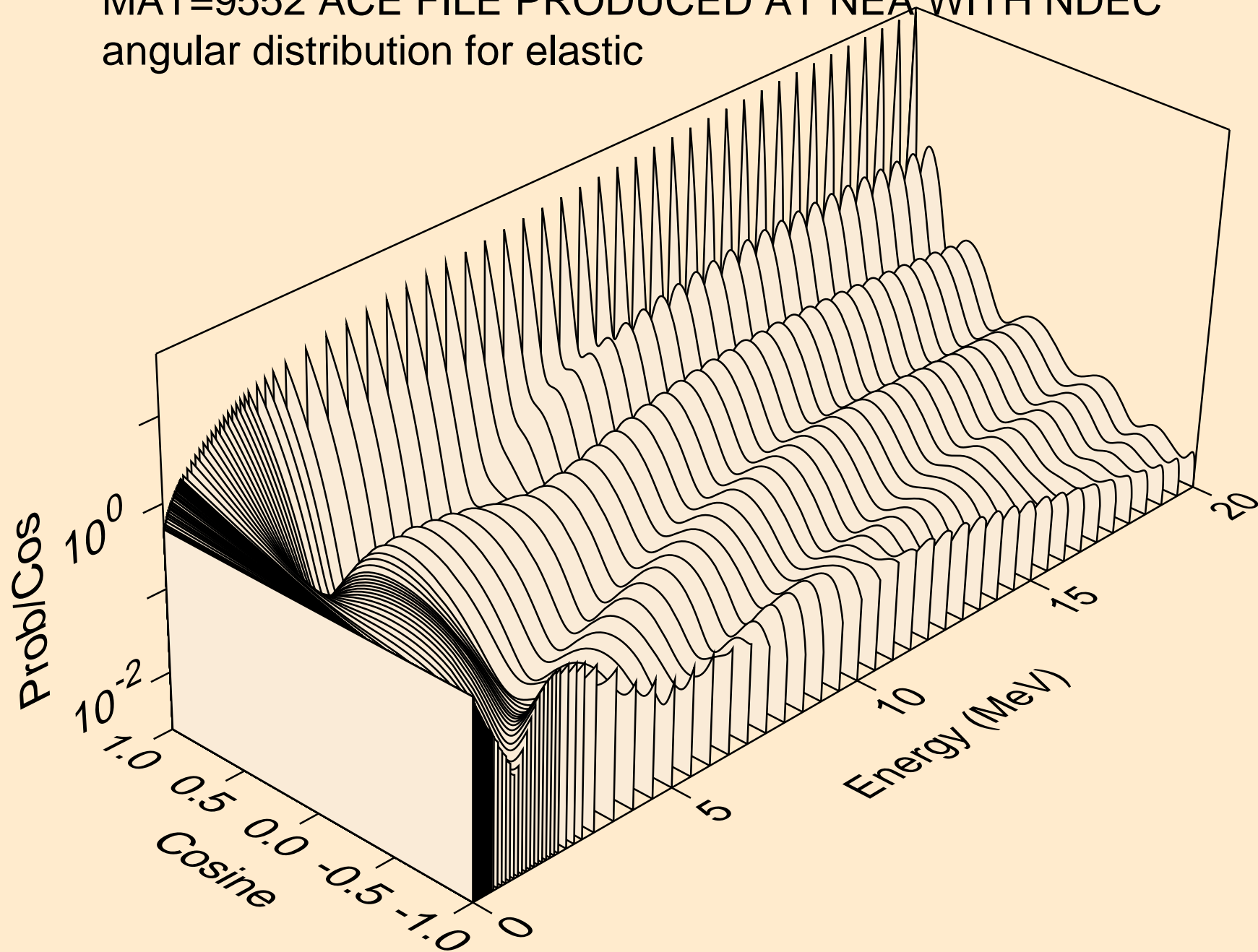




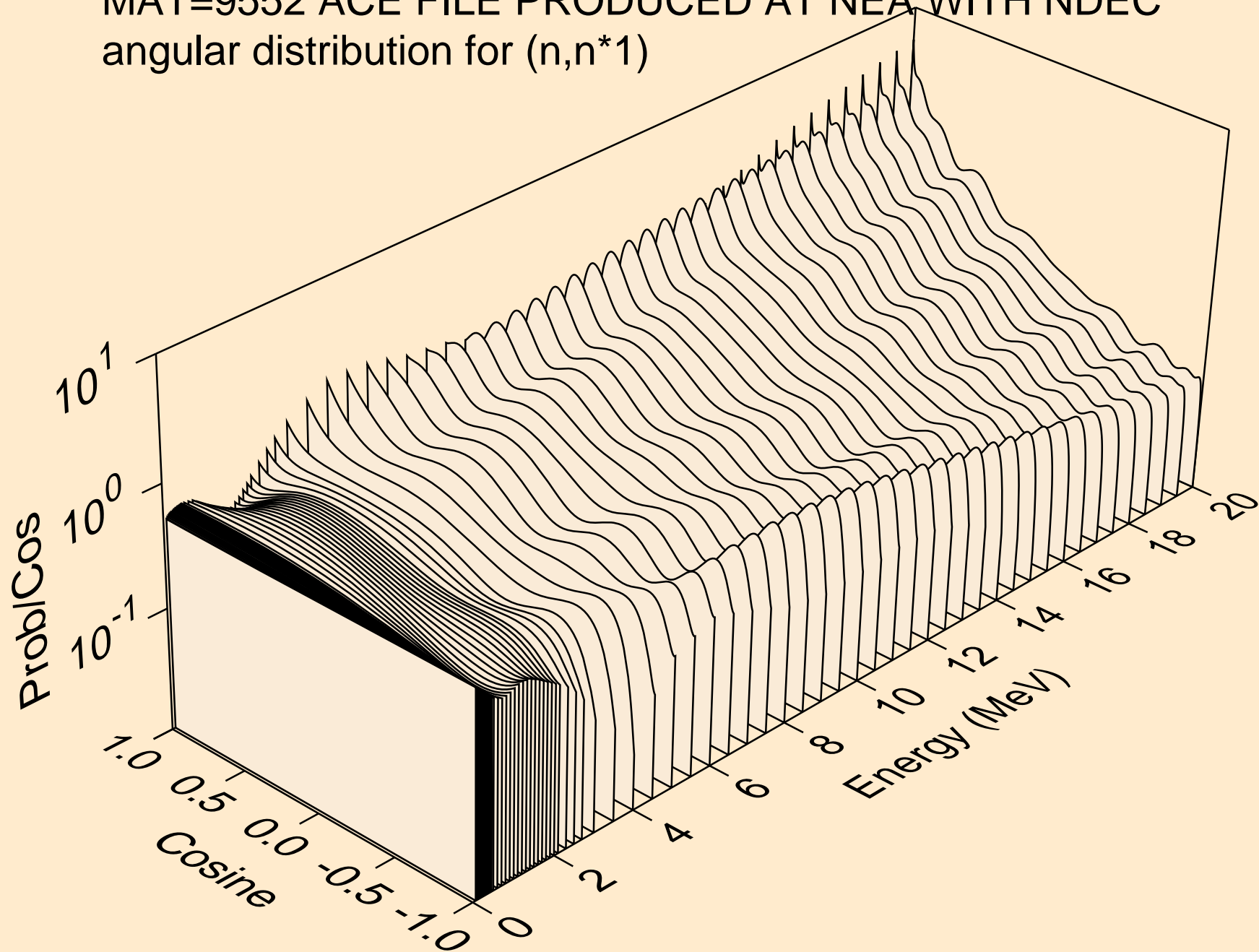
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Threshold reactions



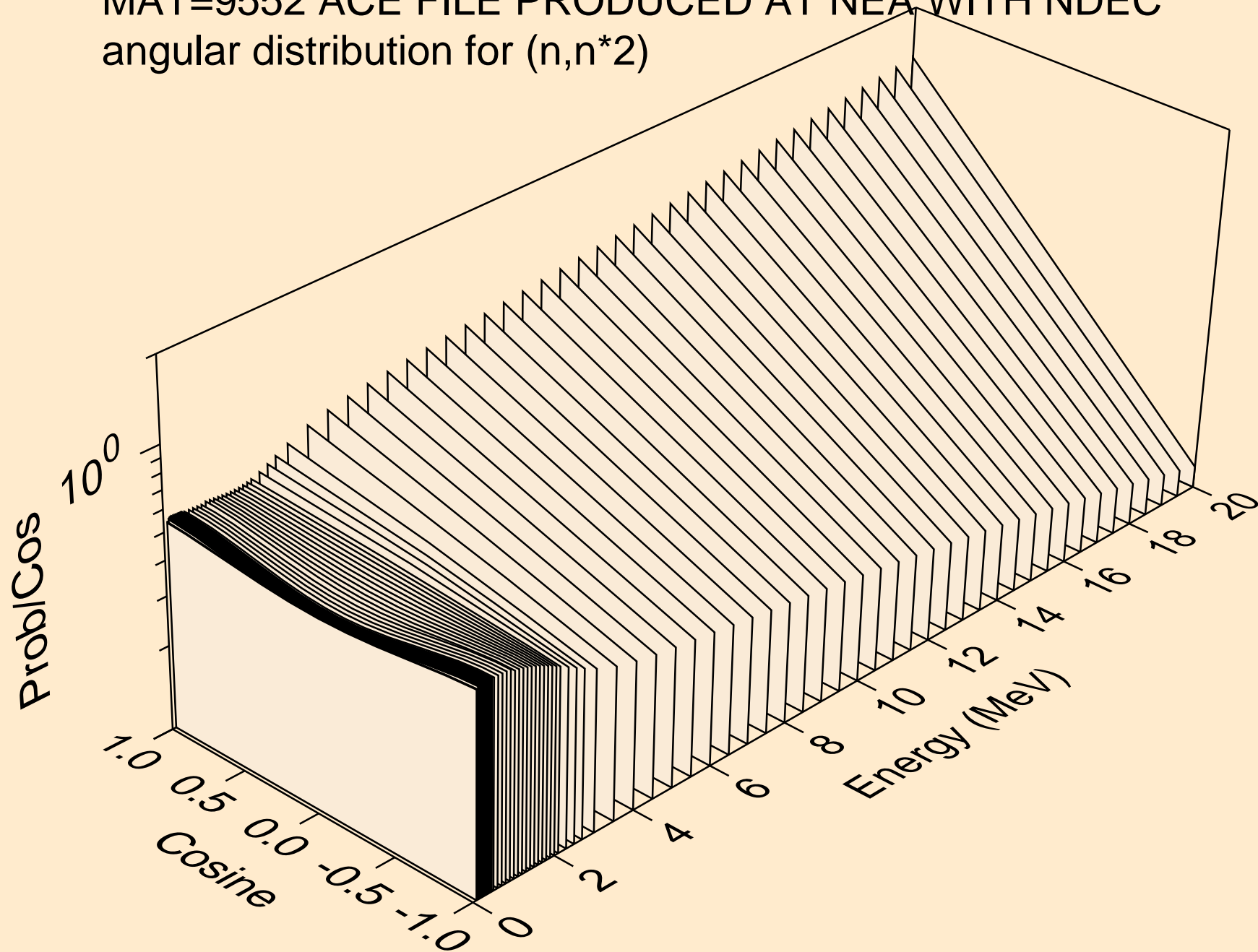
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angular distribution for elastic



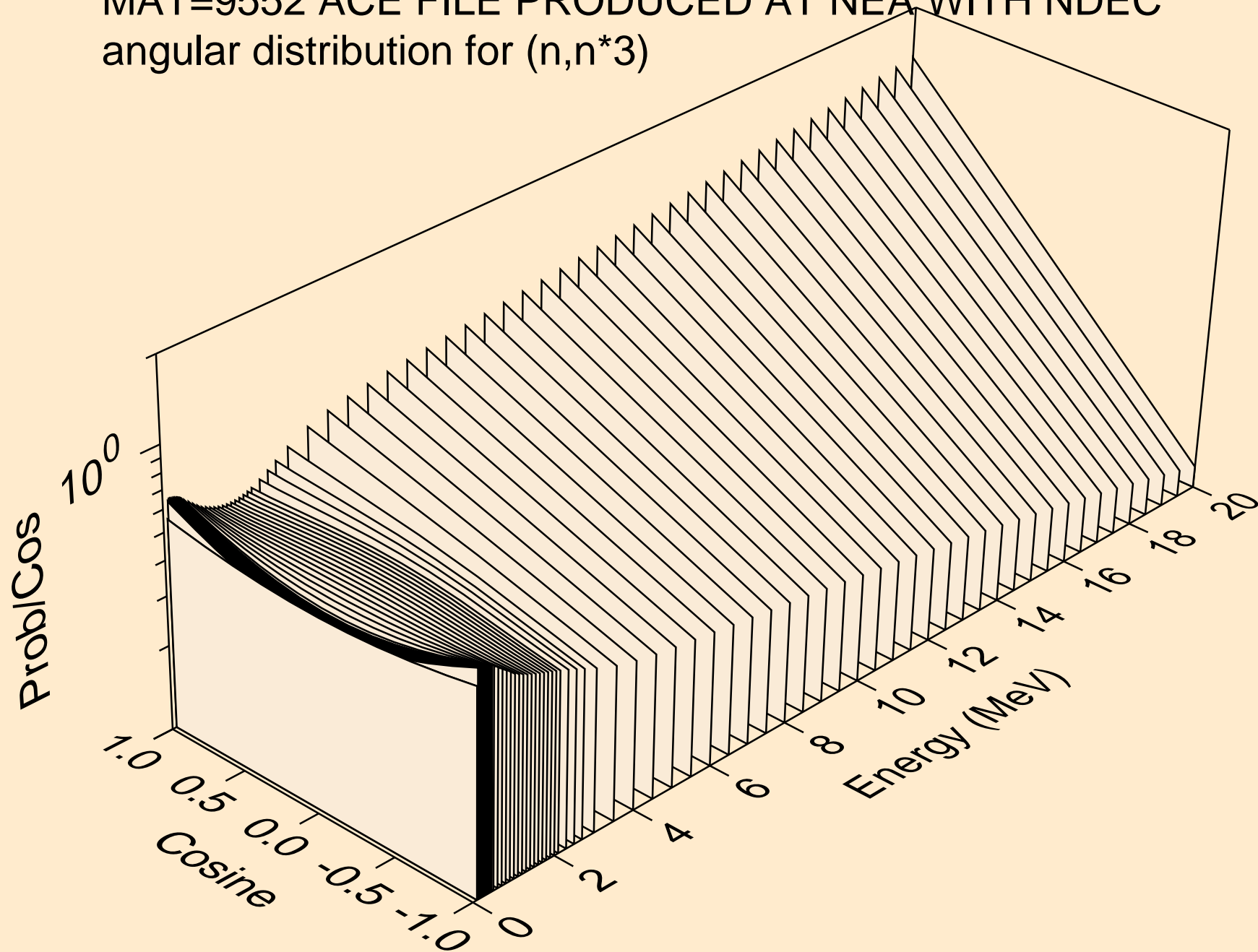
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angular distribution for (n,n\*1)



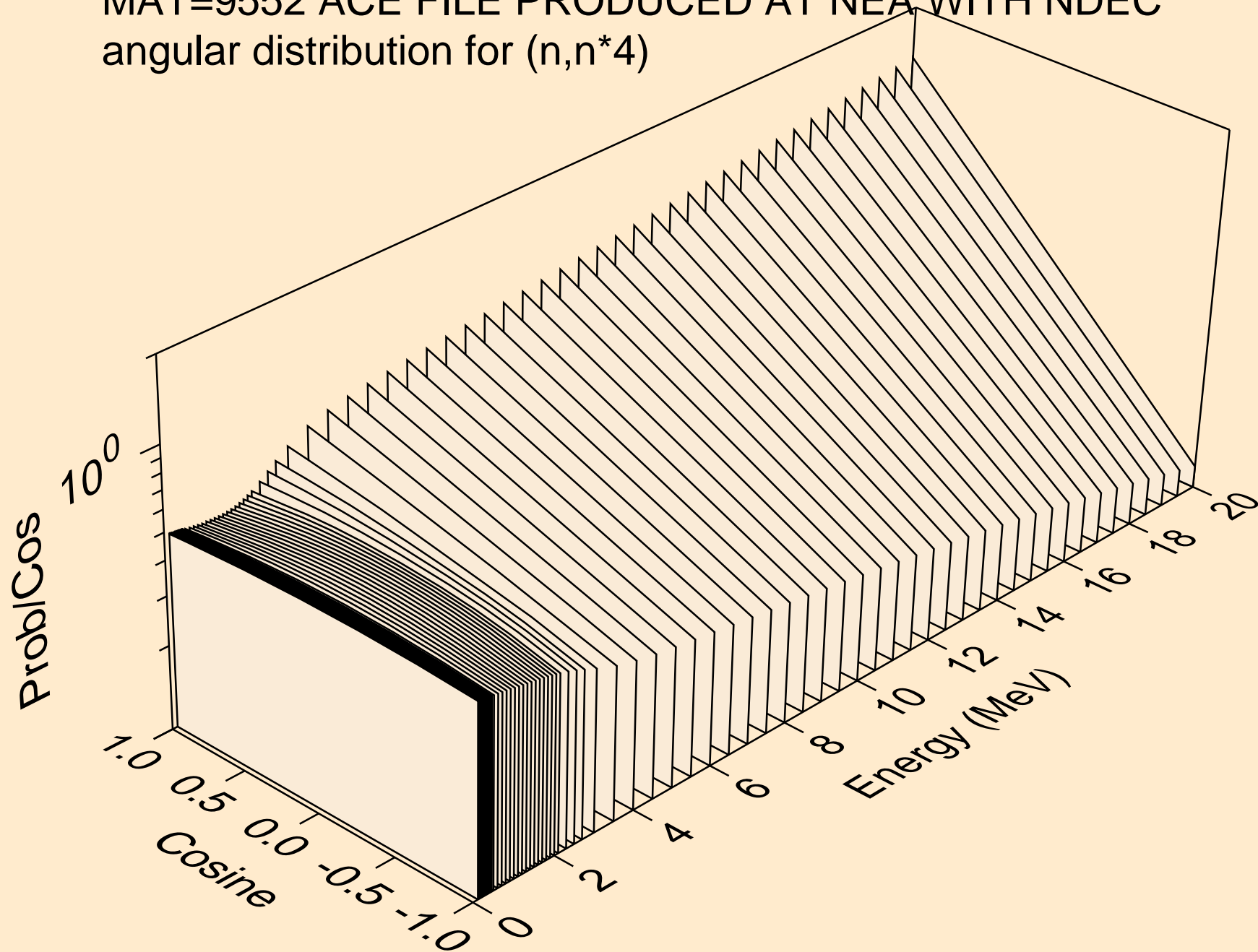
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angular distribution for (n,n\*2)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*3)

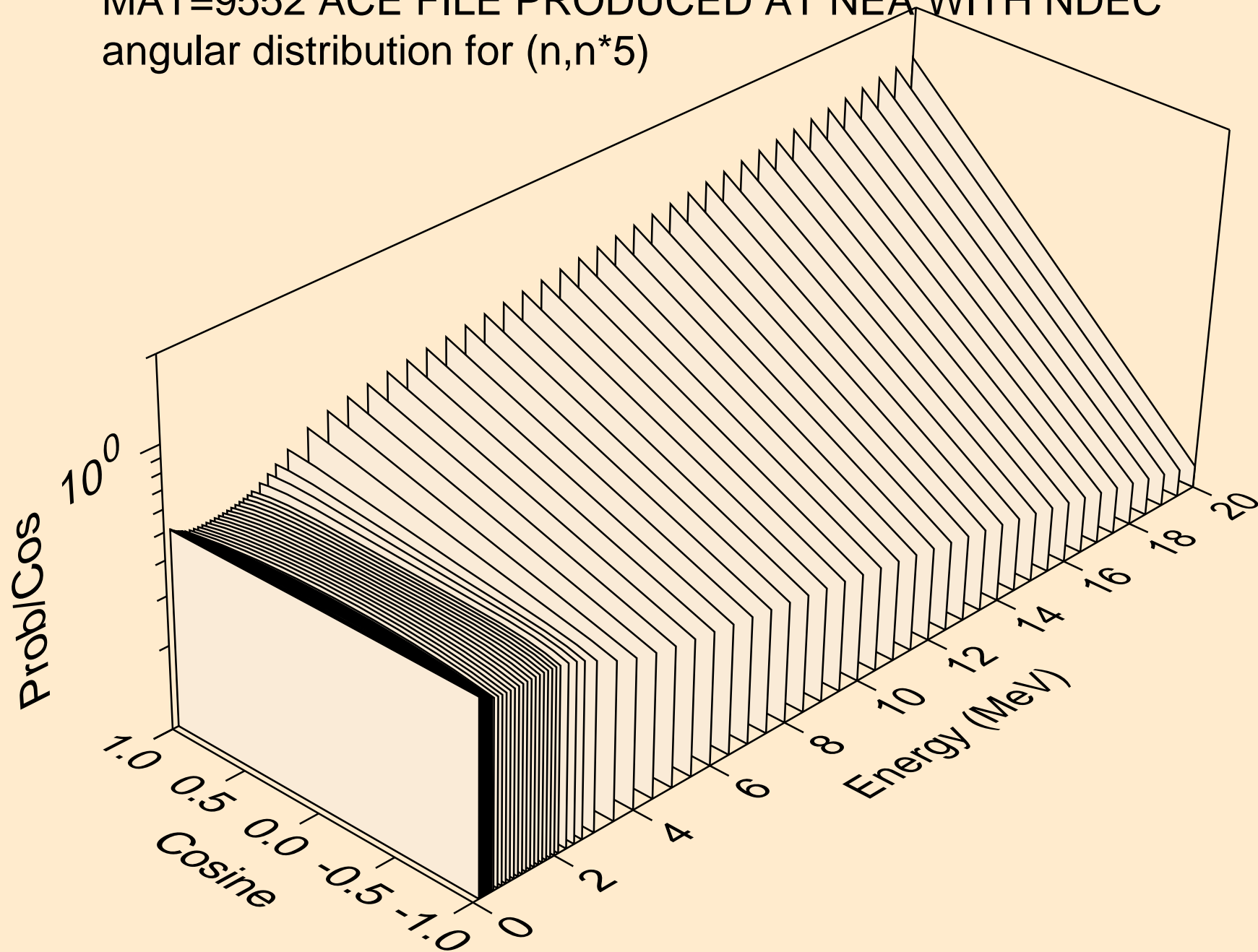


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angular distribution for (n,n\*4)

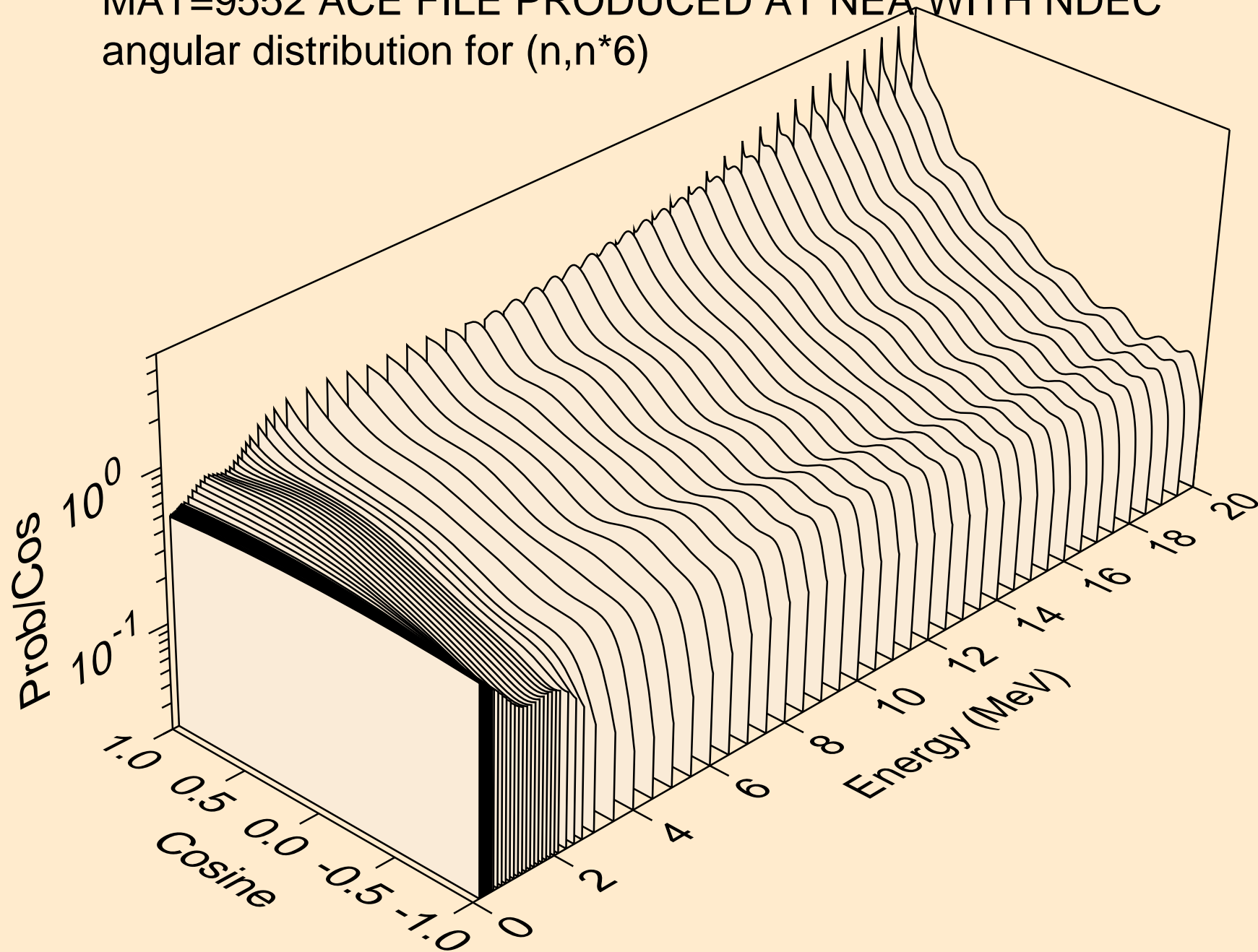




MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*5)

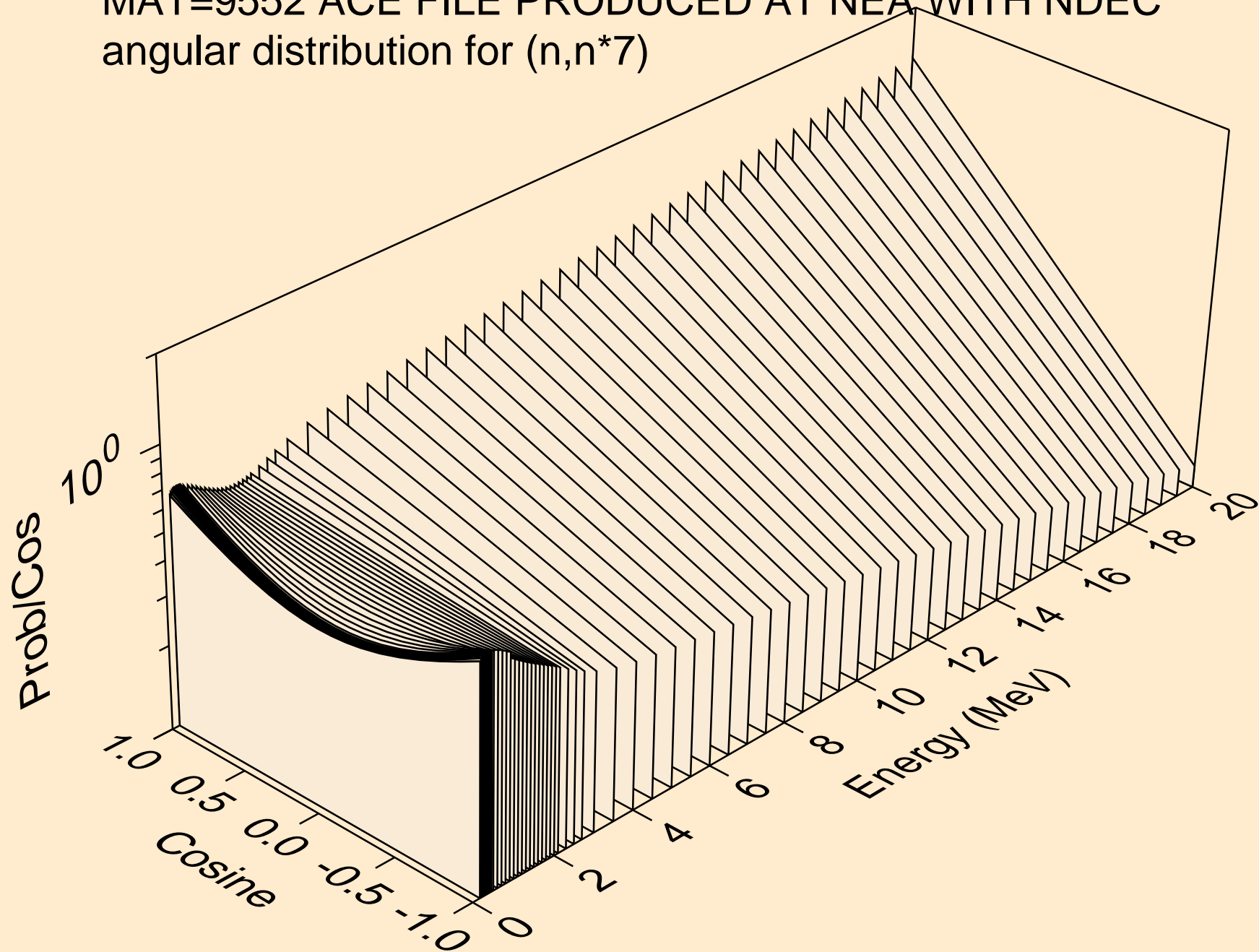


MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*6)

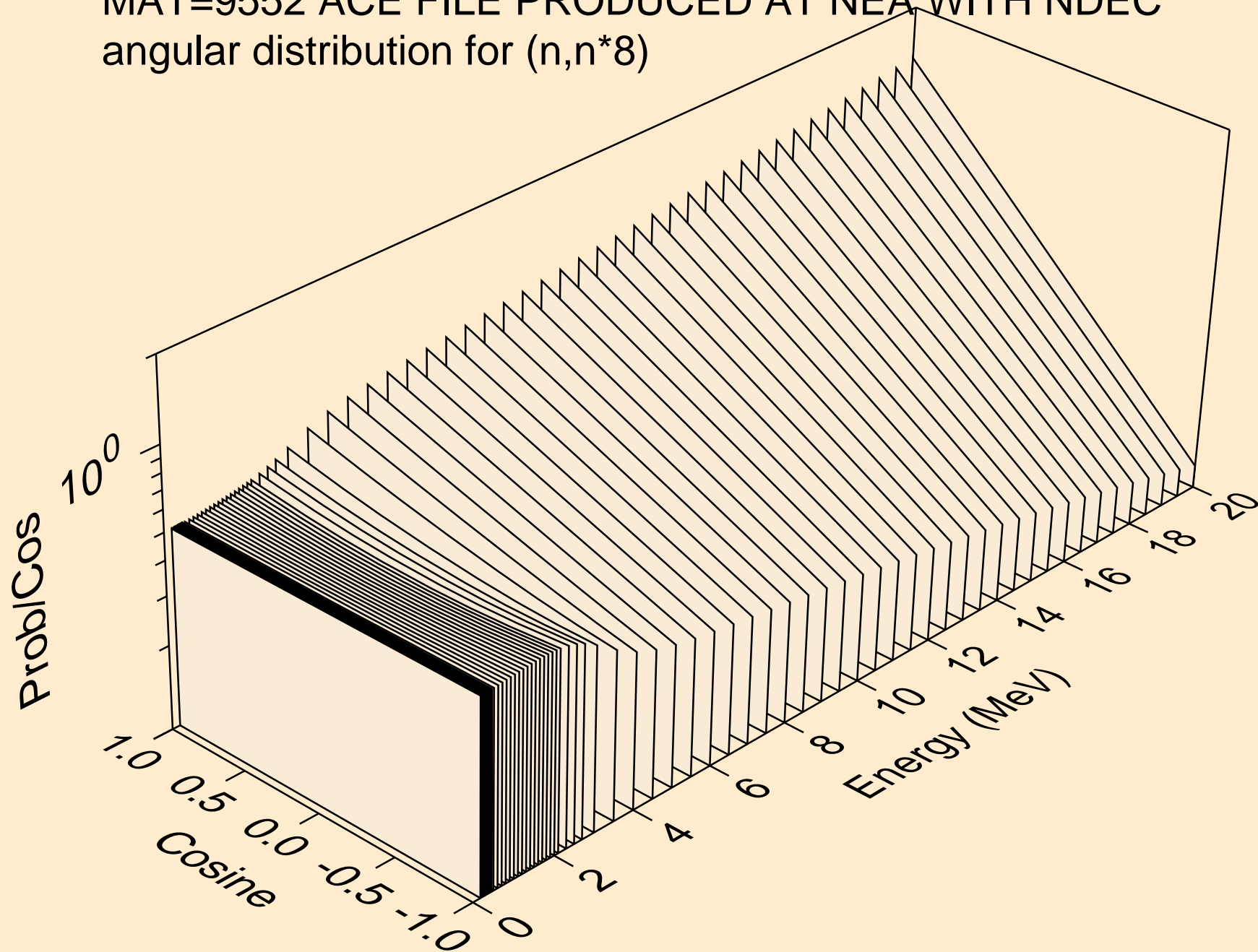




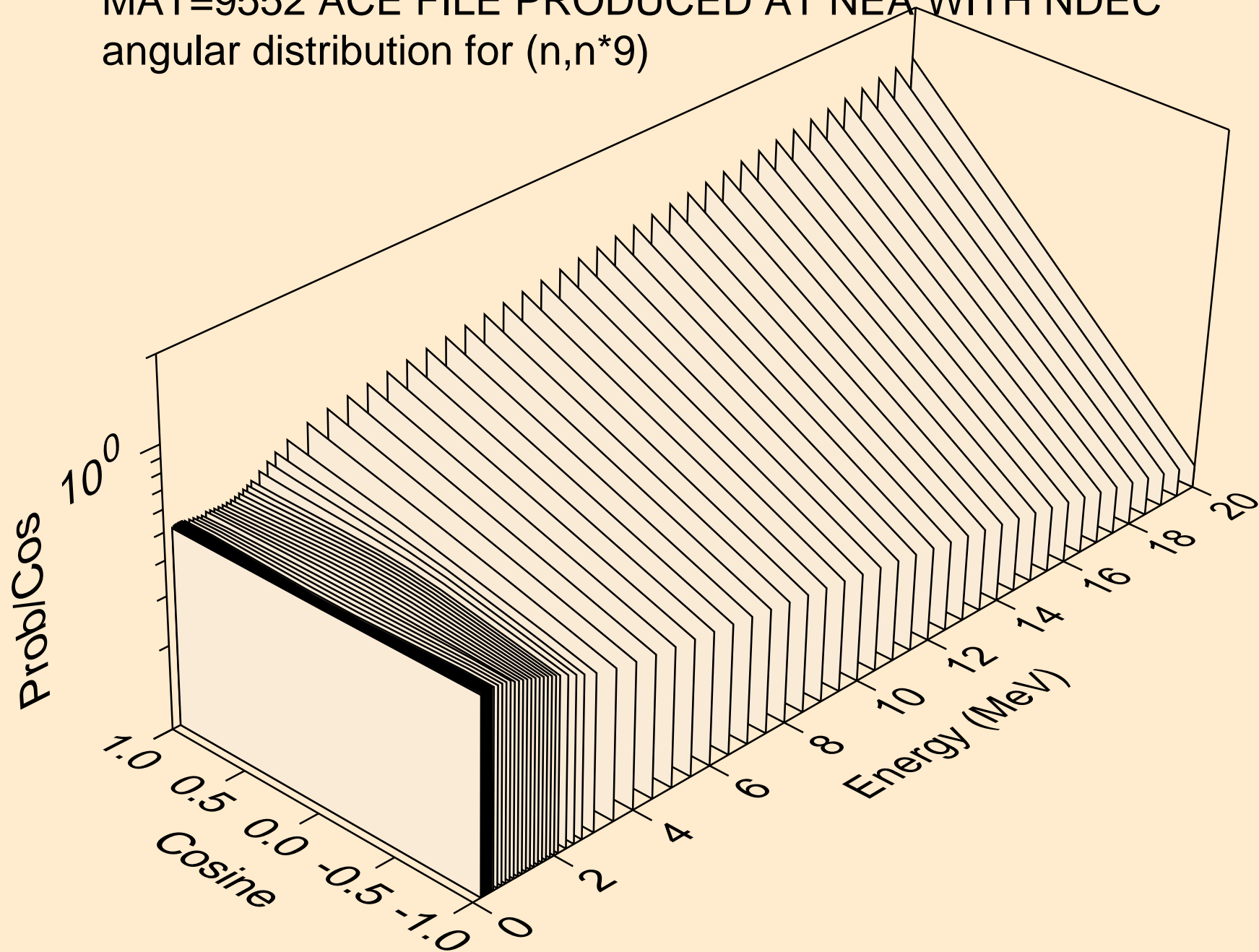
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angular distribution for (n,n\*7)



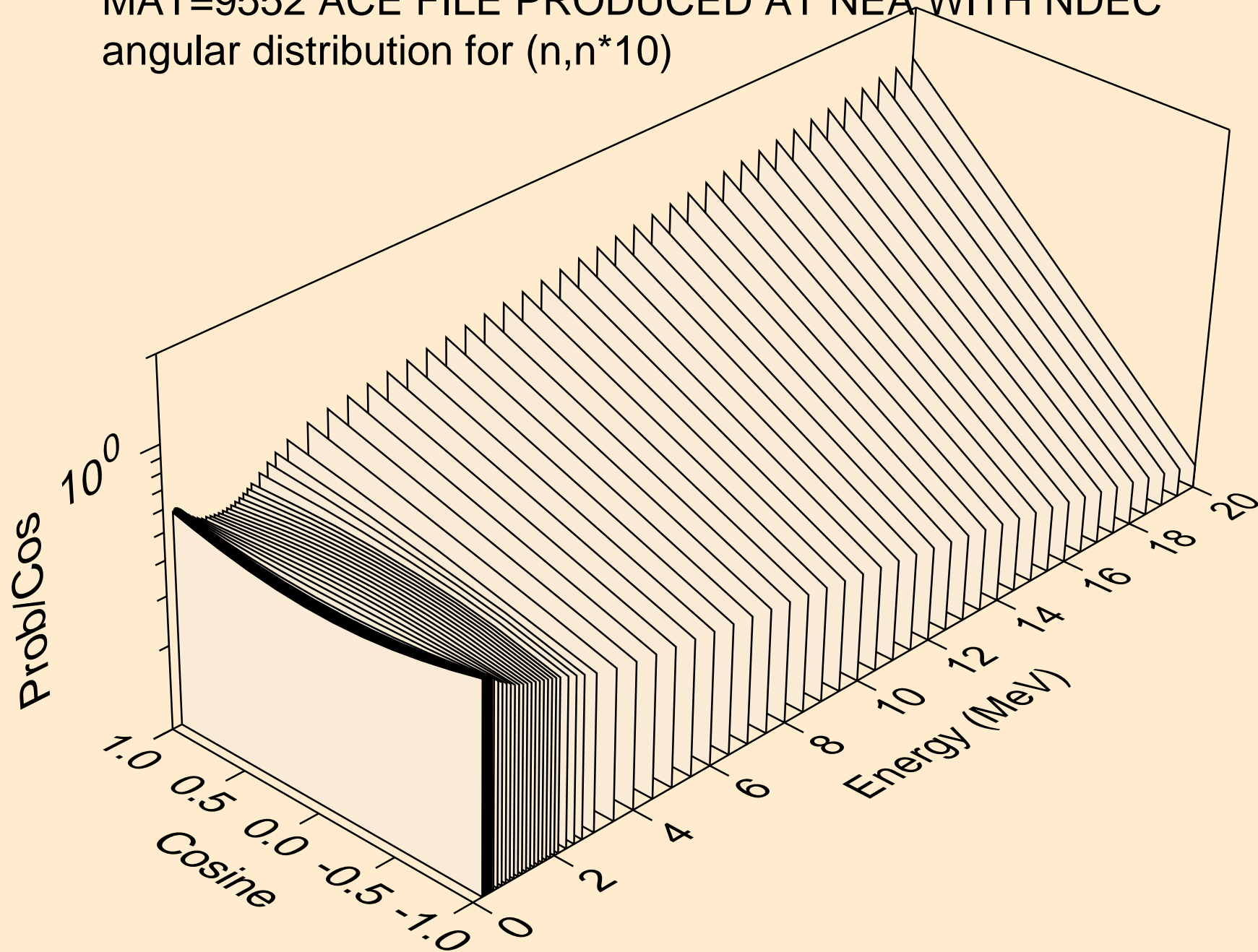
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angular distribution for (n,n\*8)



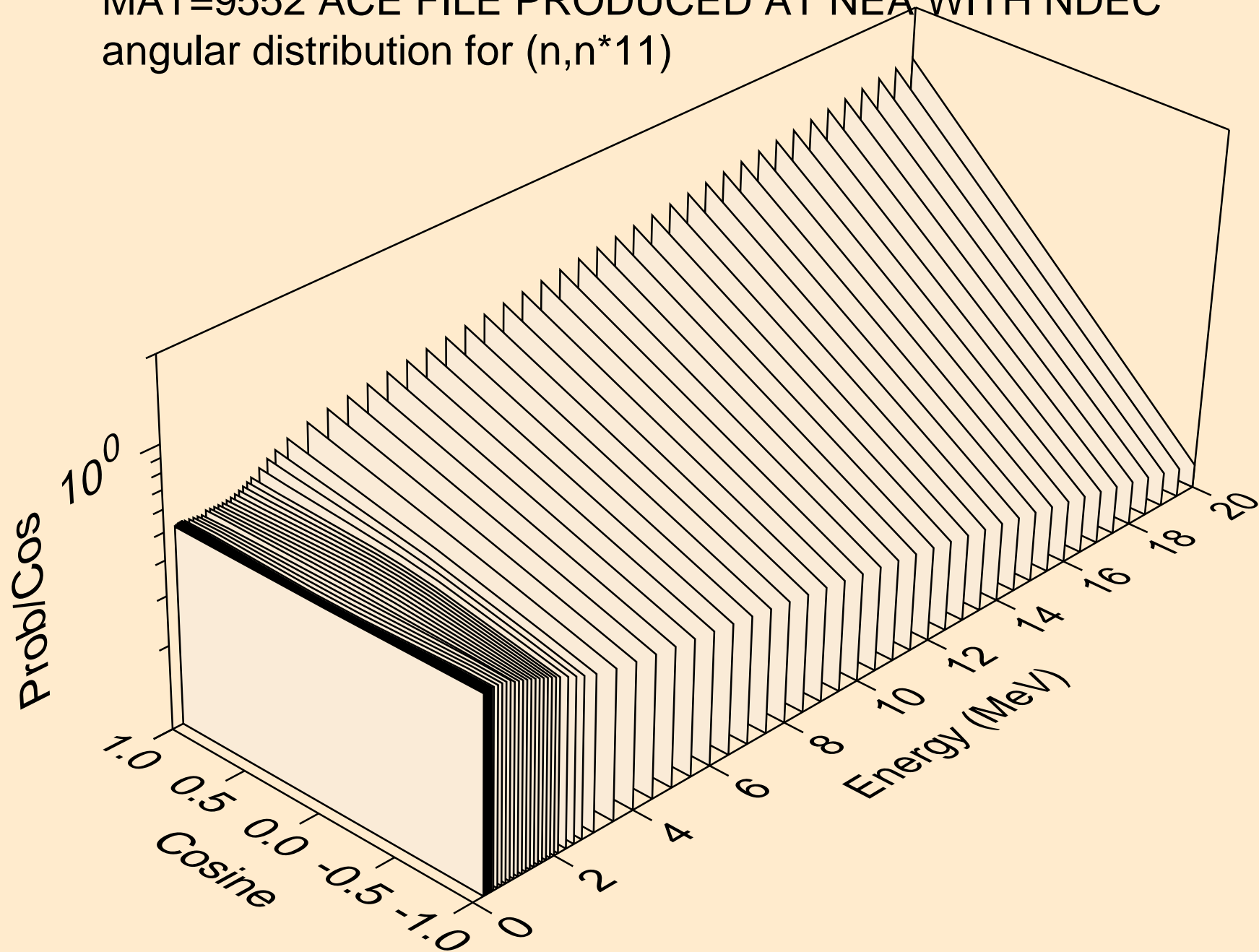
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angular distribution for (n,n\*9)



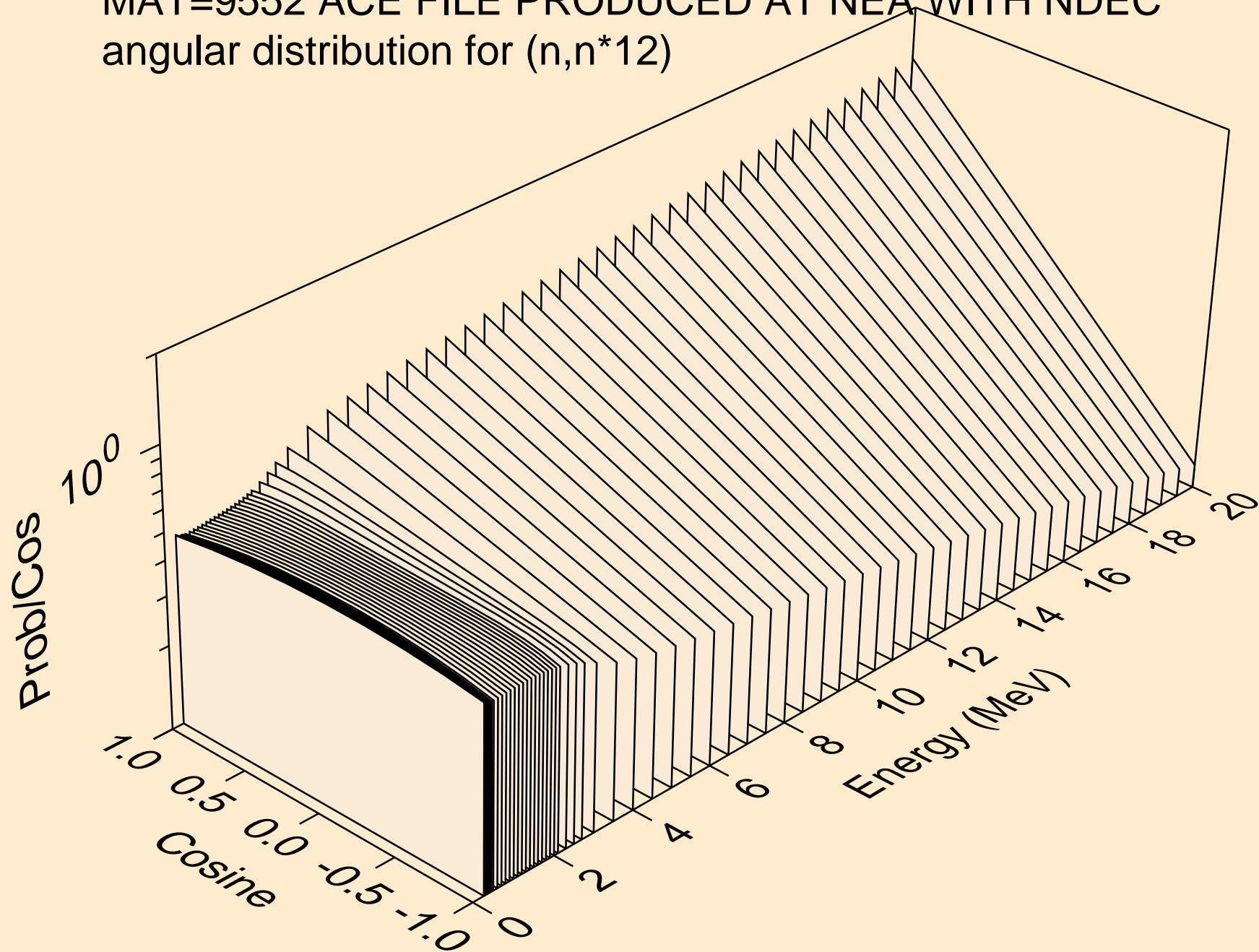
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angular distribution for (n,n\*10)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*11)

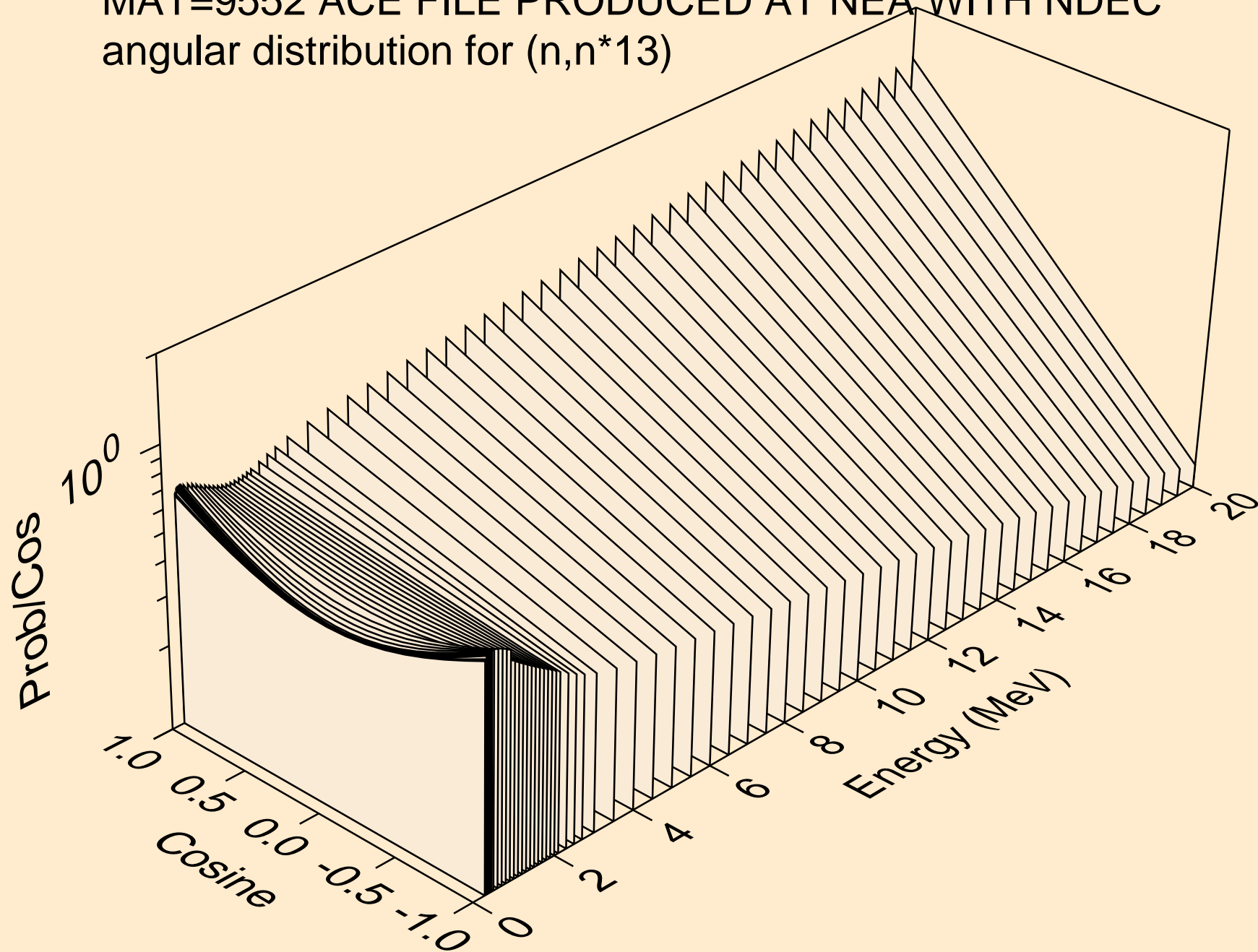


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angular distribution for (n,n\*12)

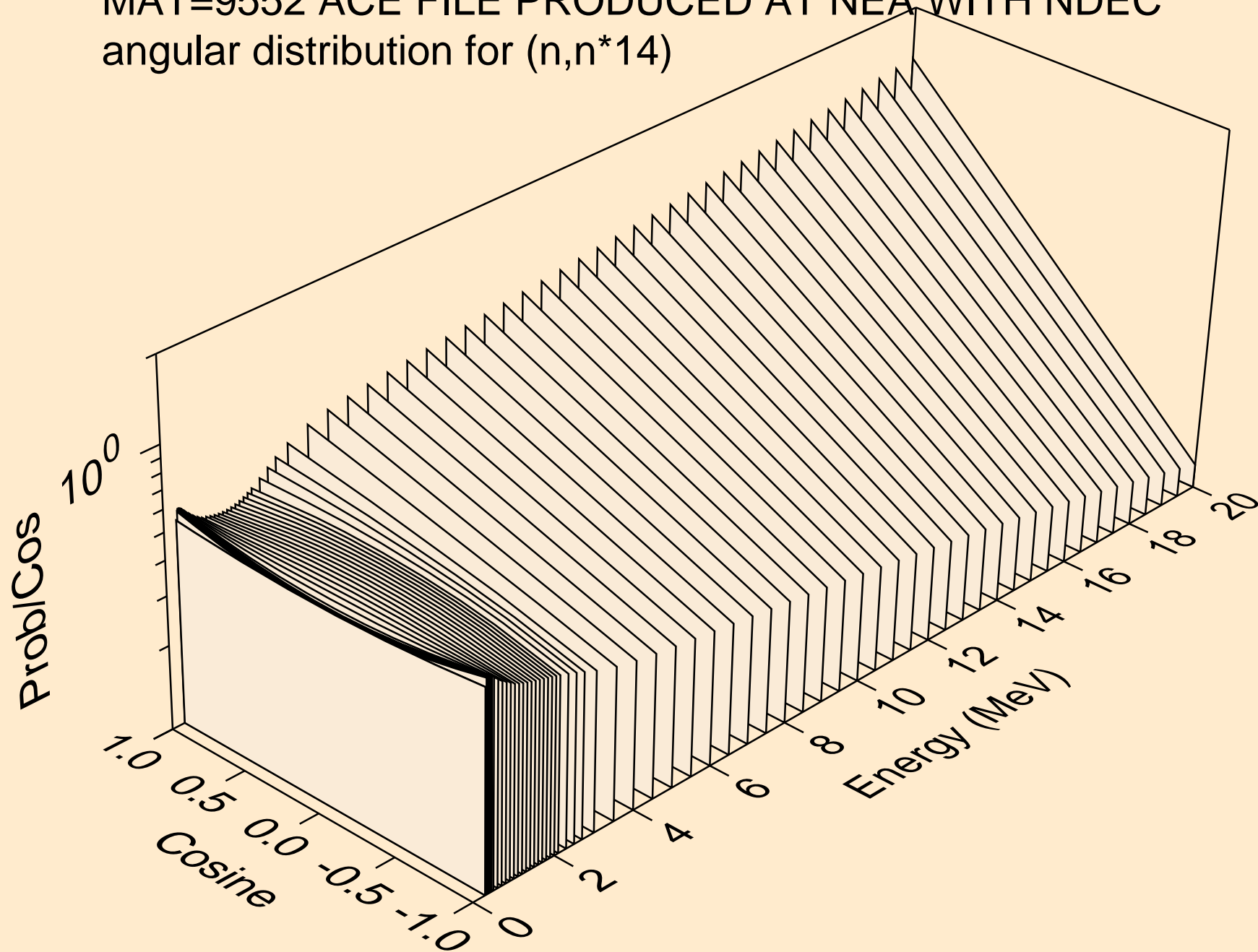




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angular distribution for (n,n\*13)

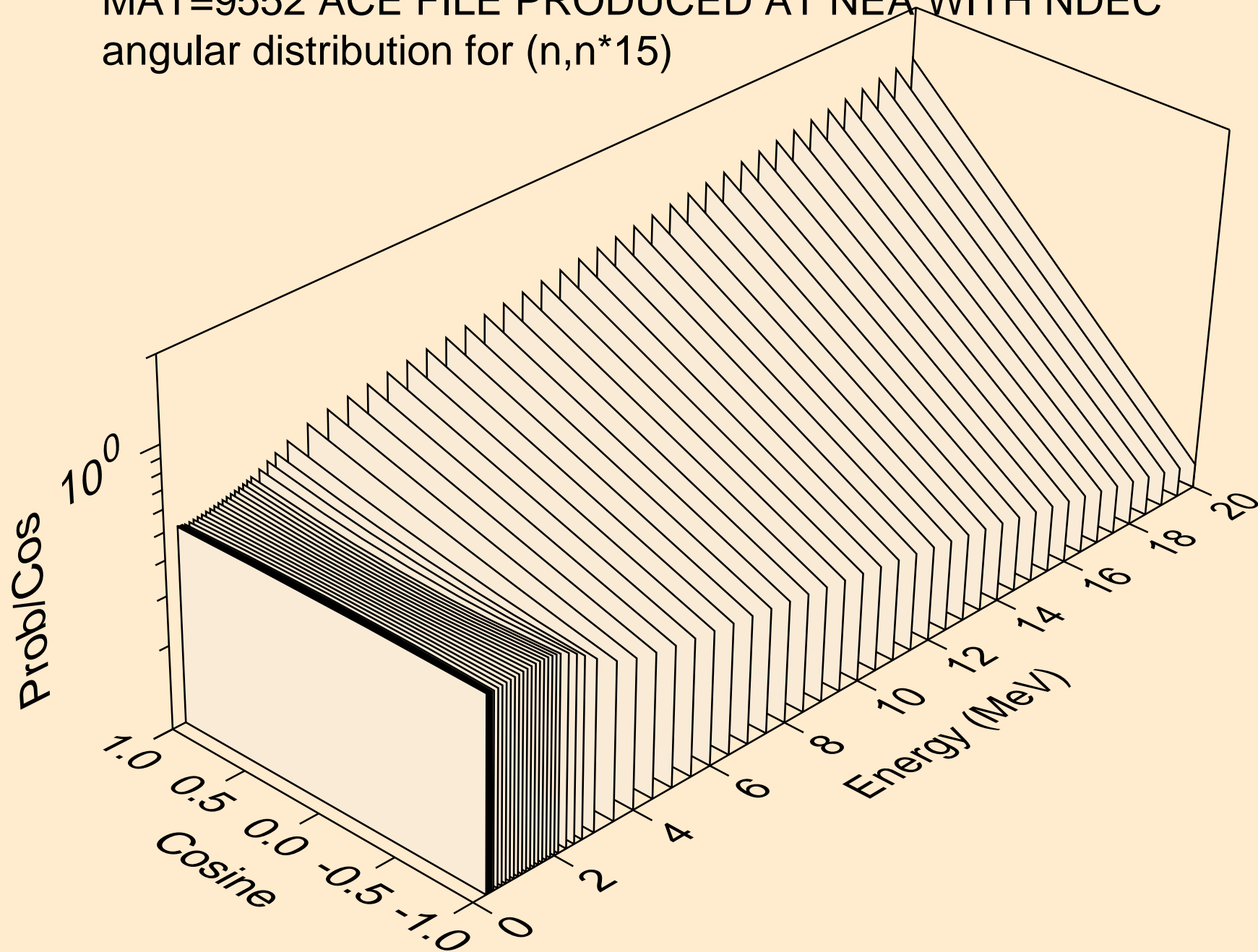


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angular distribution for (n,n\*14)

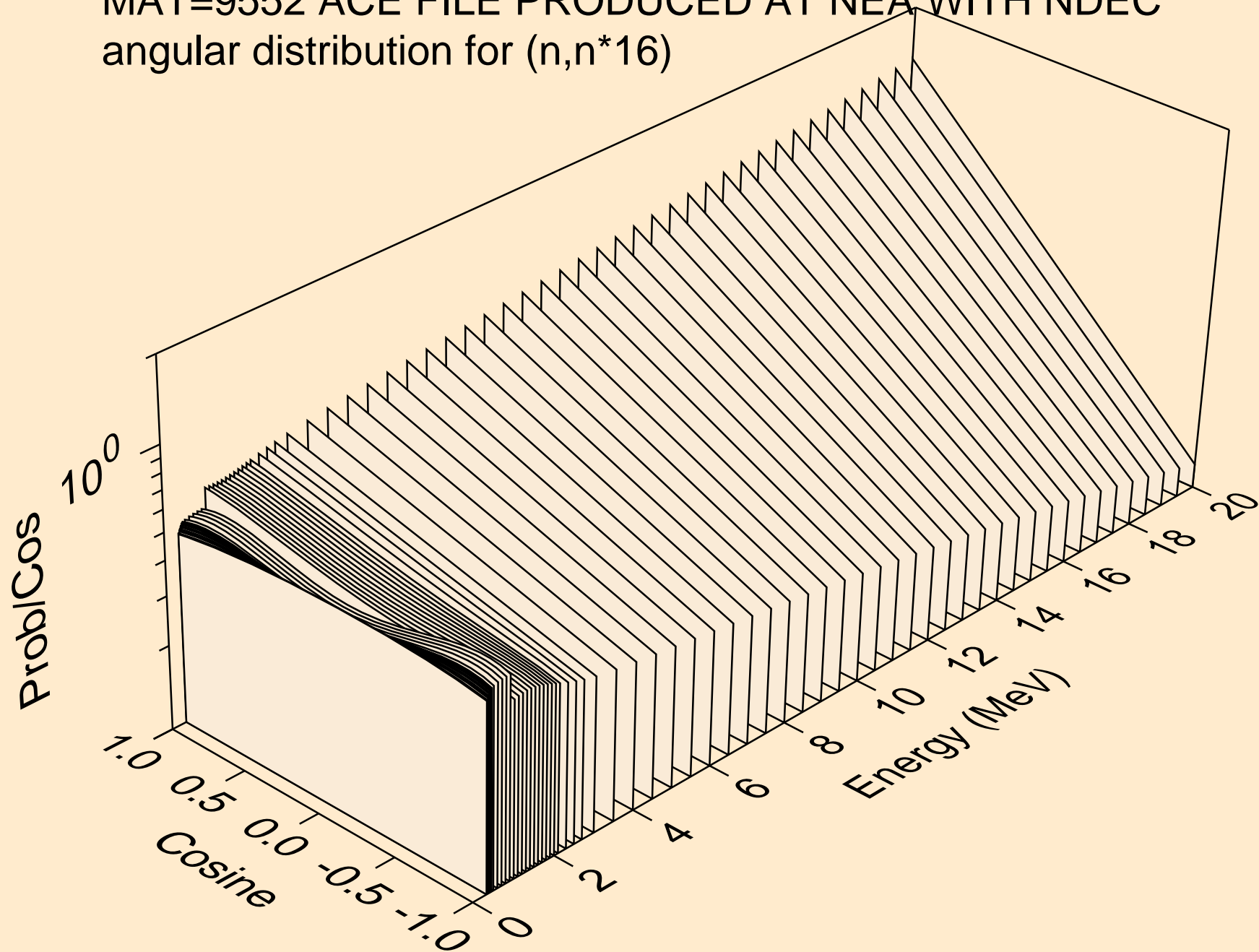




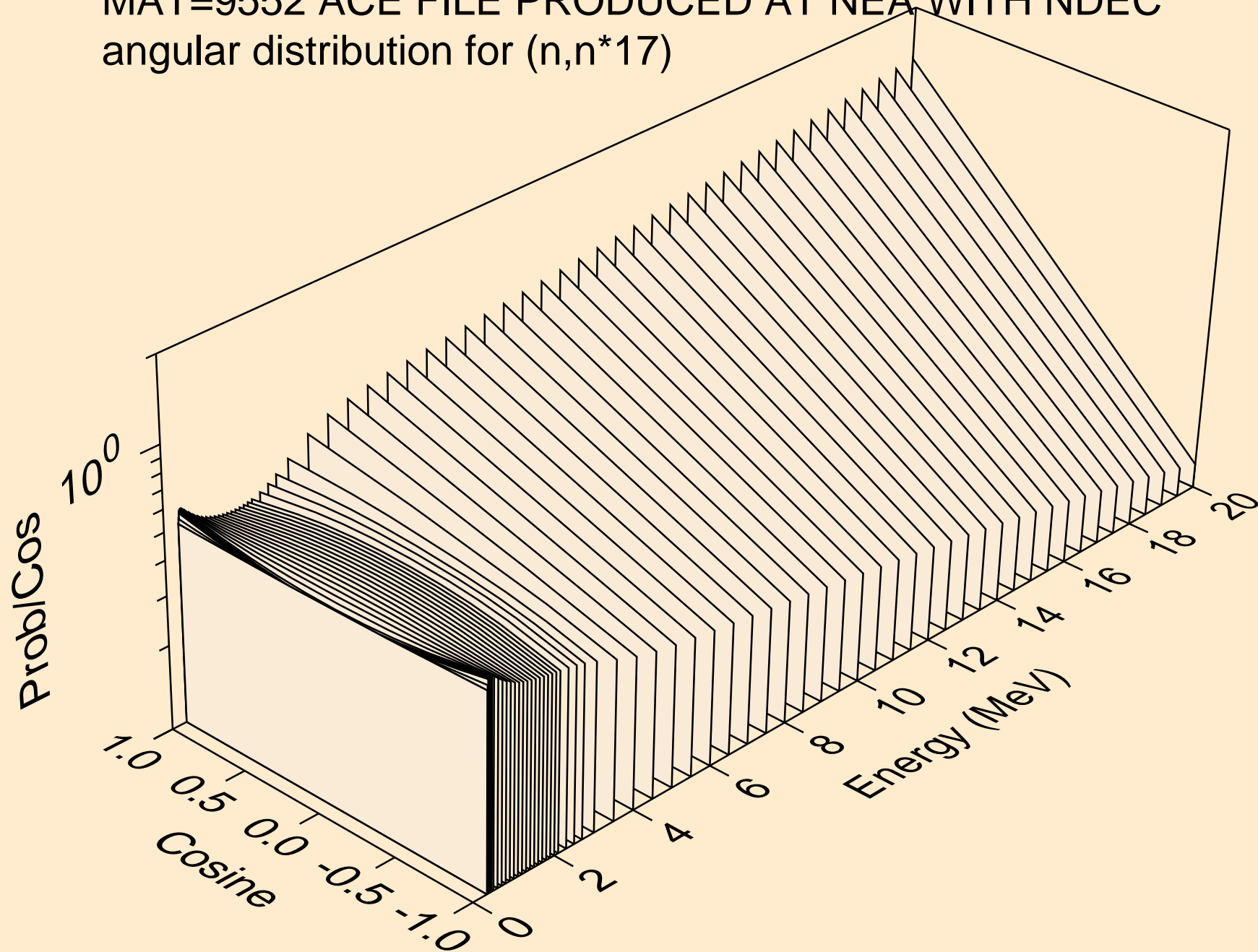
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angular distribution for (n,n\*15)



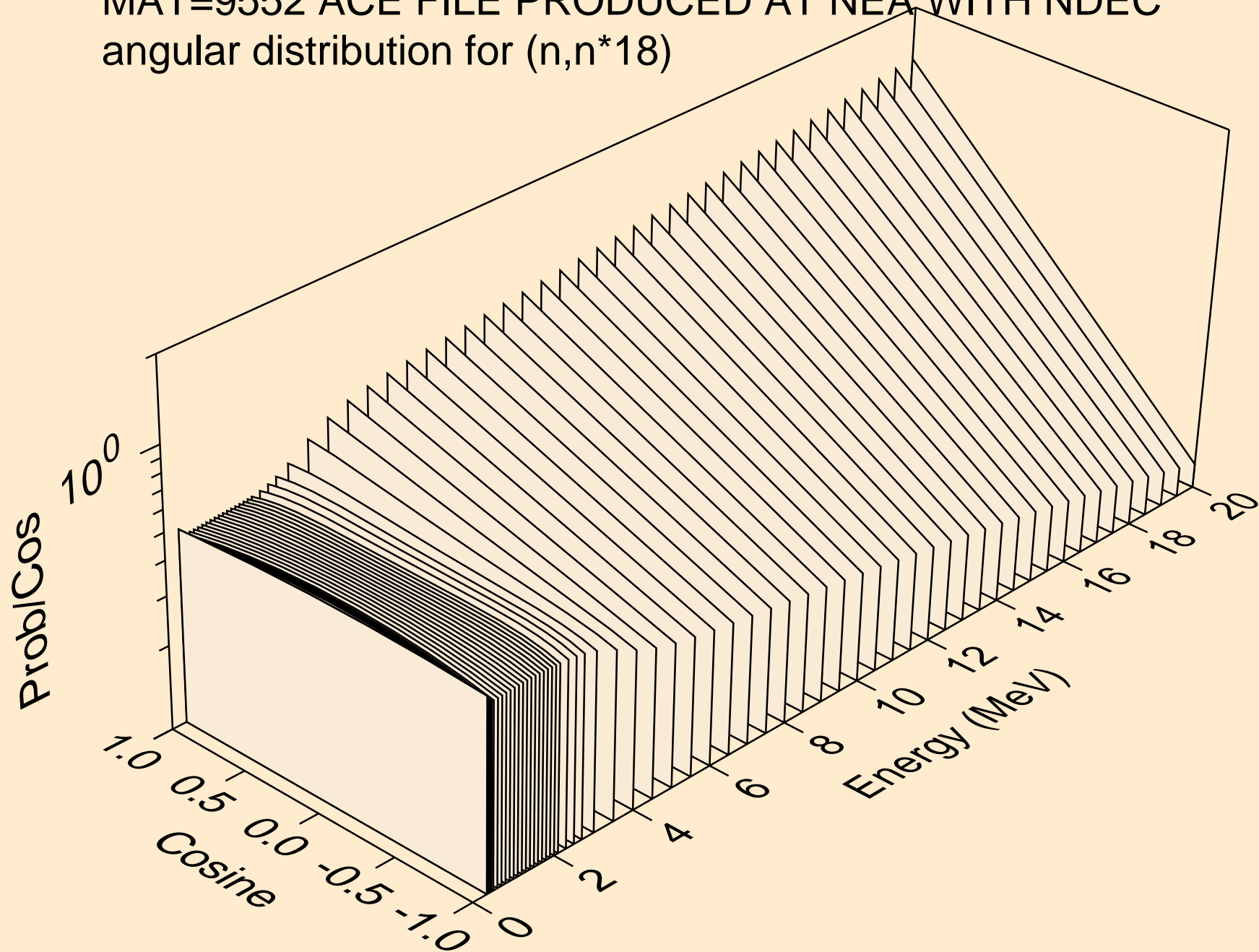
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angular distribution for (n,n\*16)



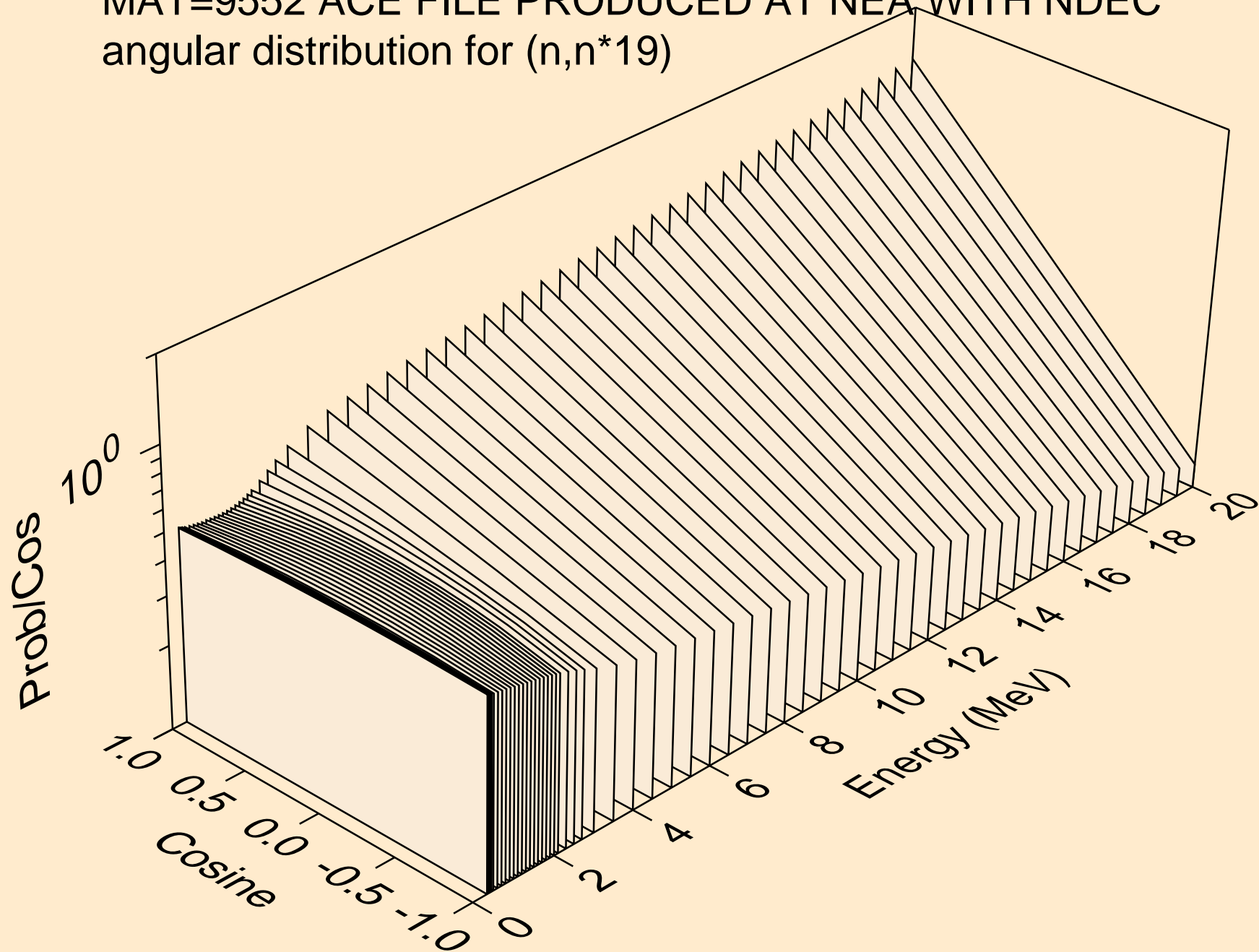
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angular distribution for (n,n\*17)



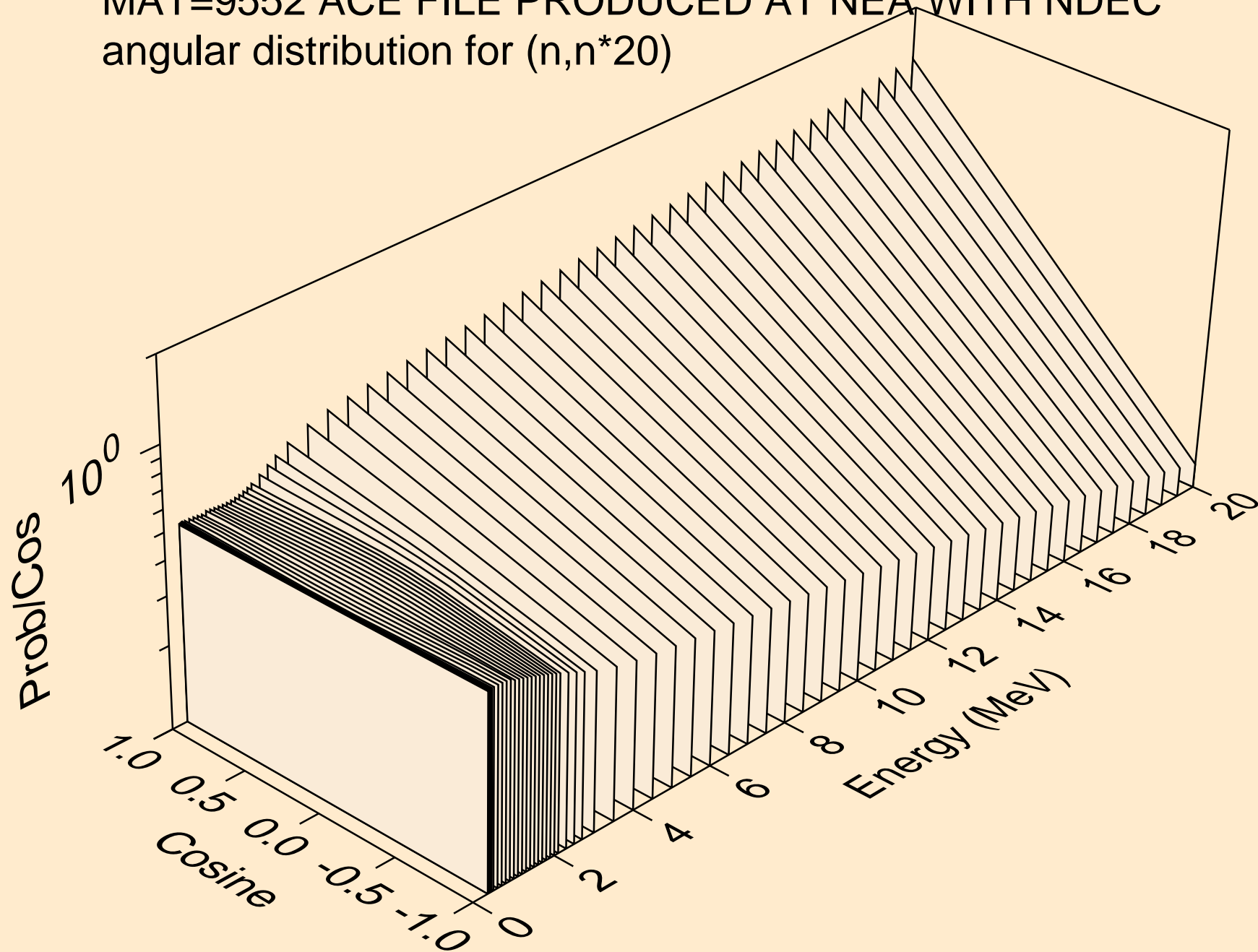
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angular distribution for (n,n\*18)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*19)

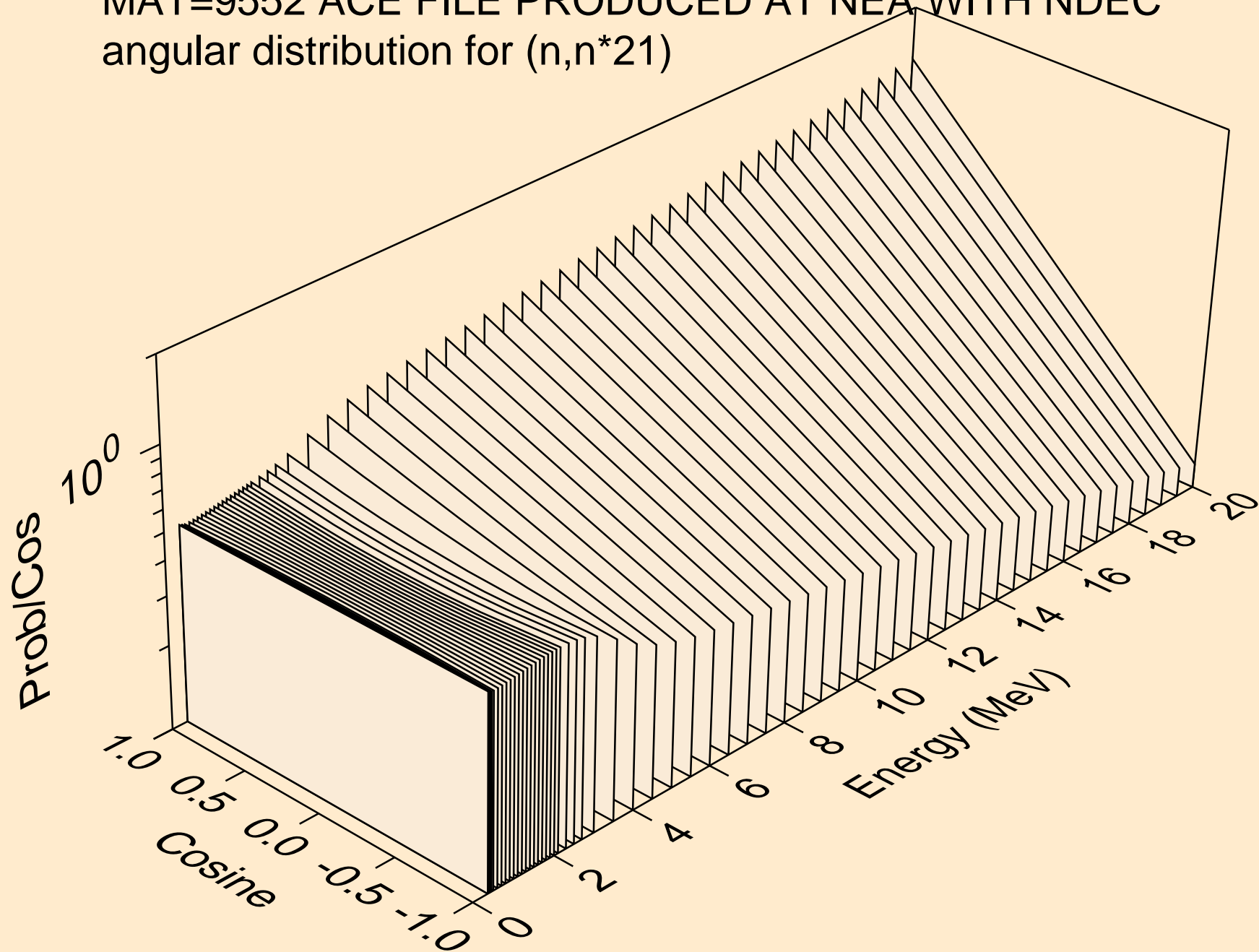


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angular distribution for (n,n\*20)

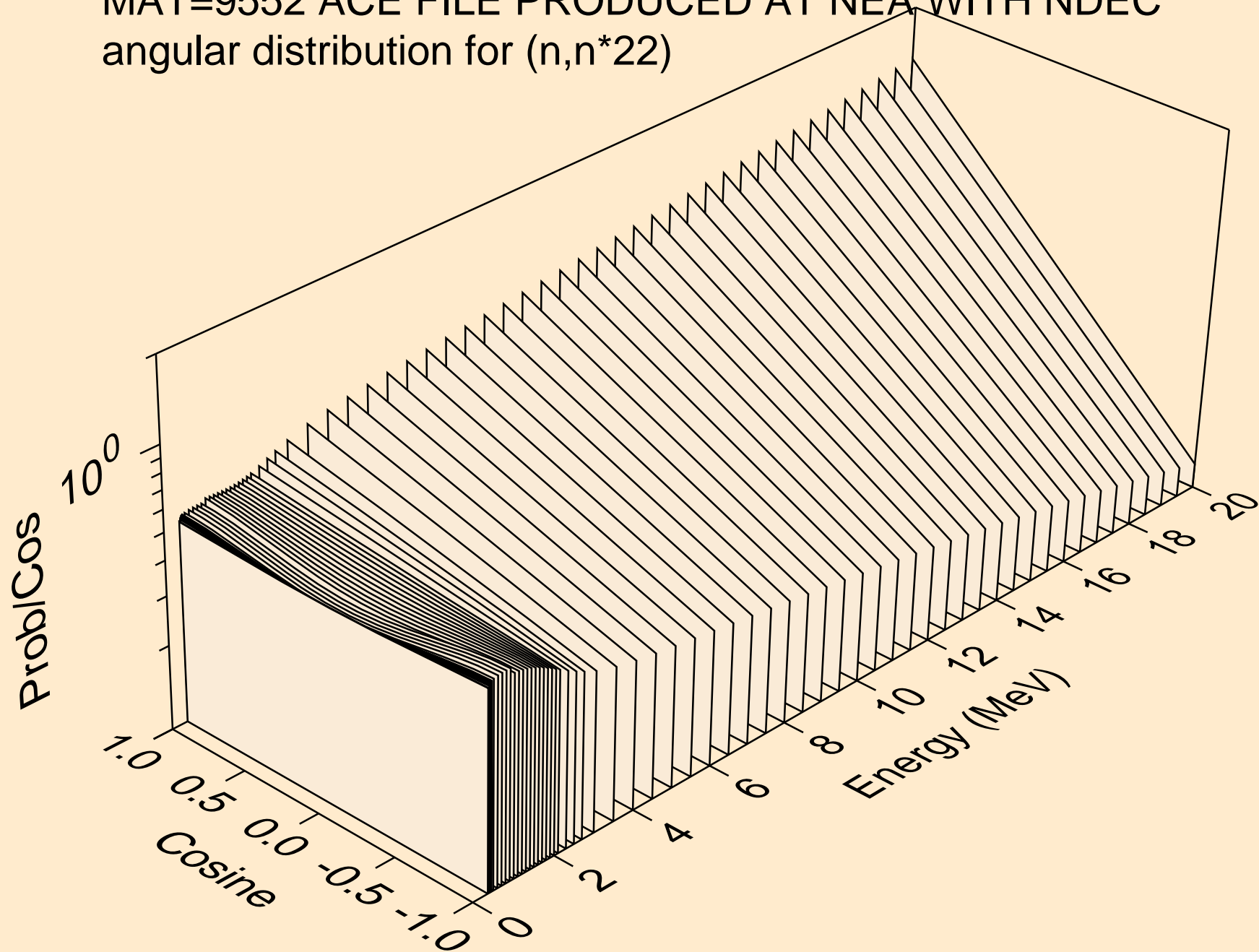




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angular distribution for (n,n\*21)

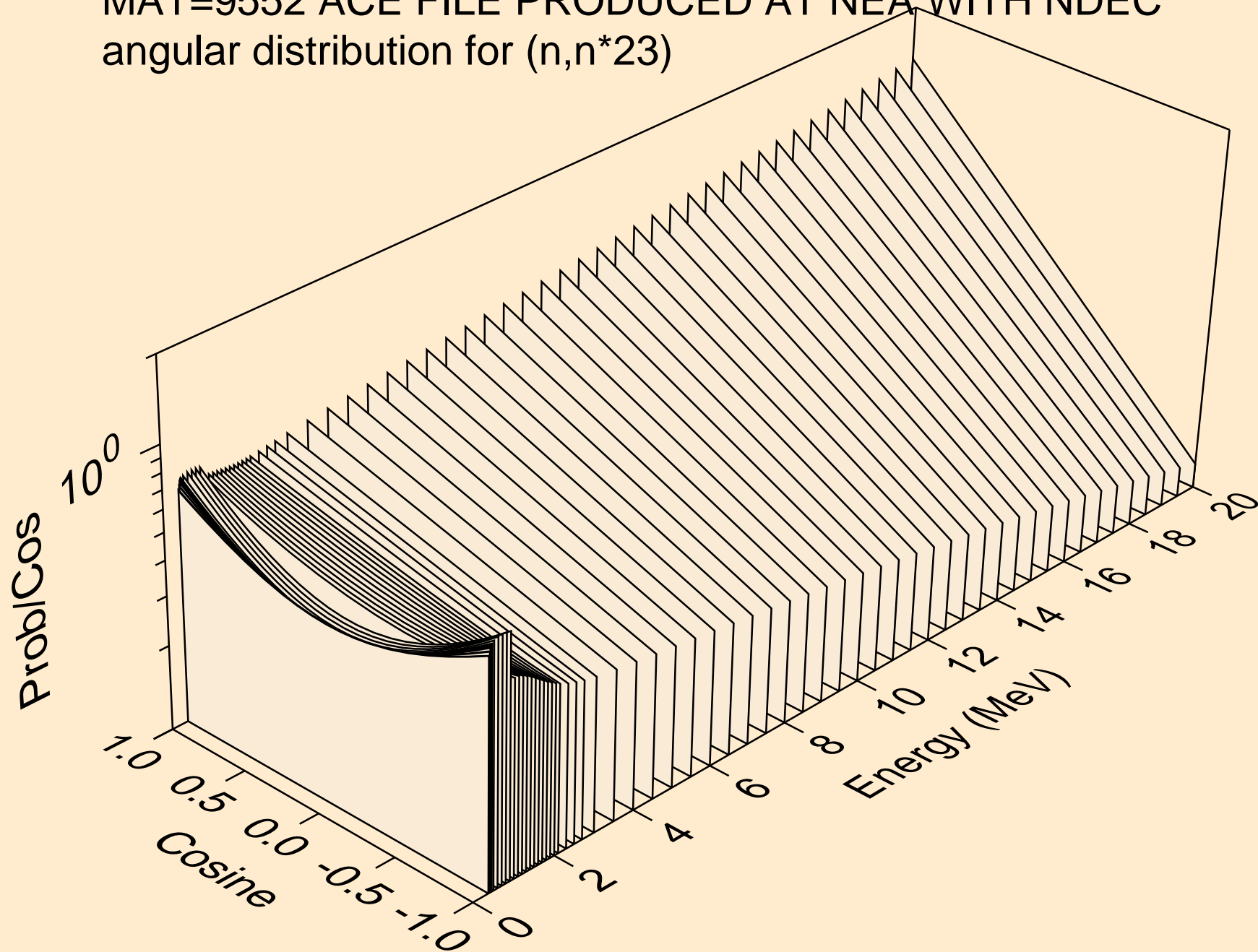


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angular distribution for (n,n\*22)

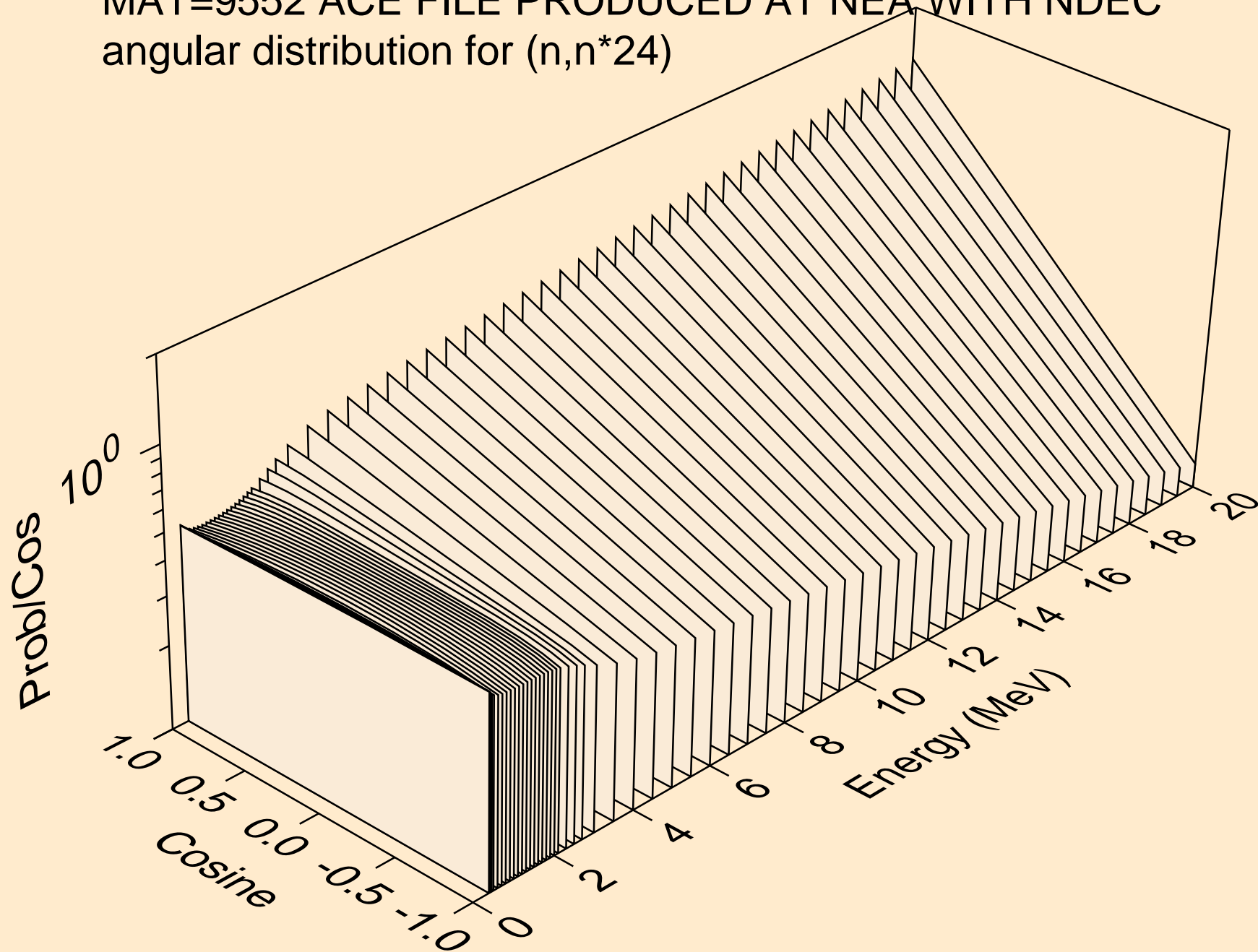




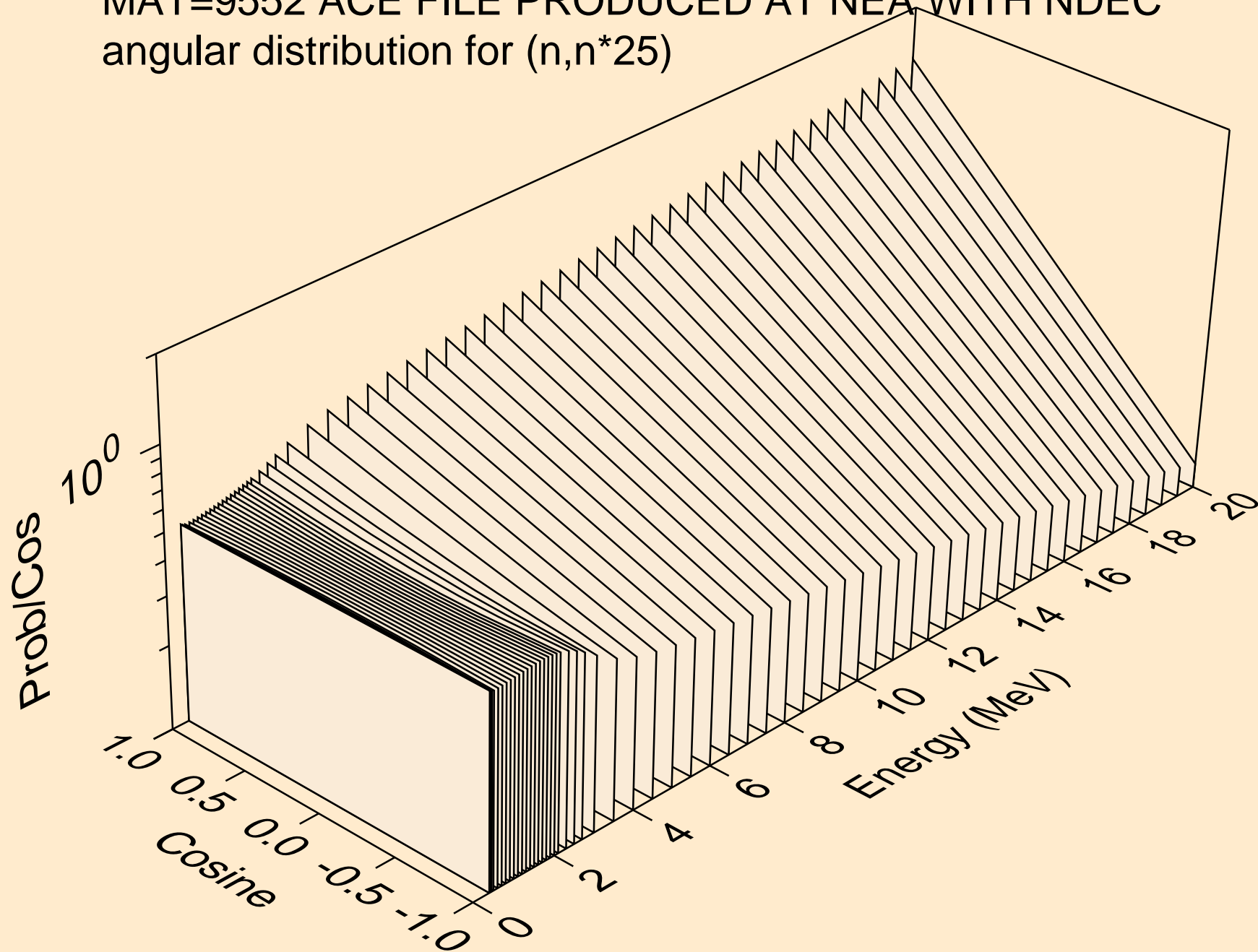
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angular distribution for (n,n\*23)



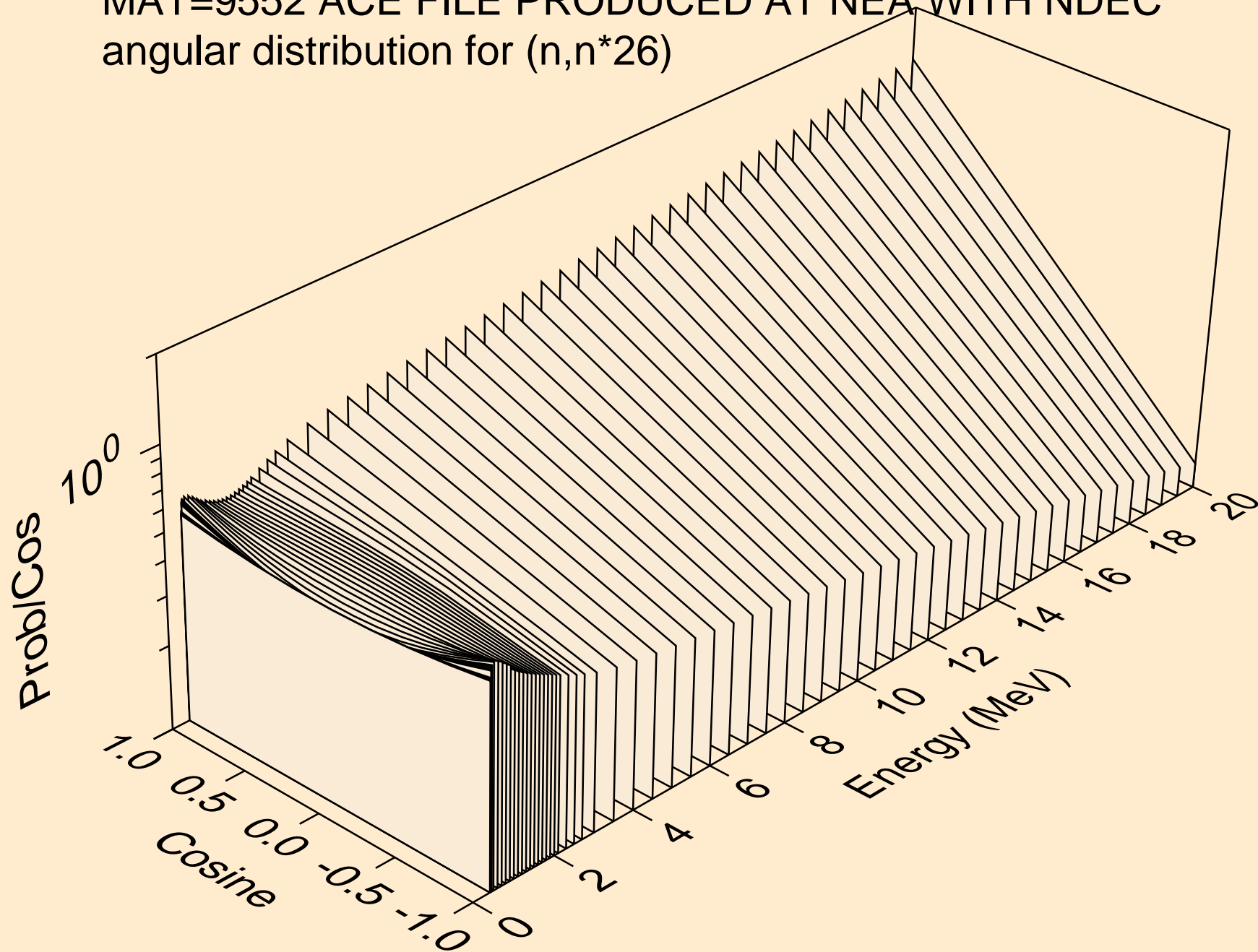
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angular distribution for (n,n\*24)



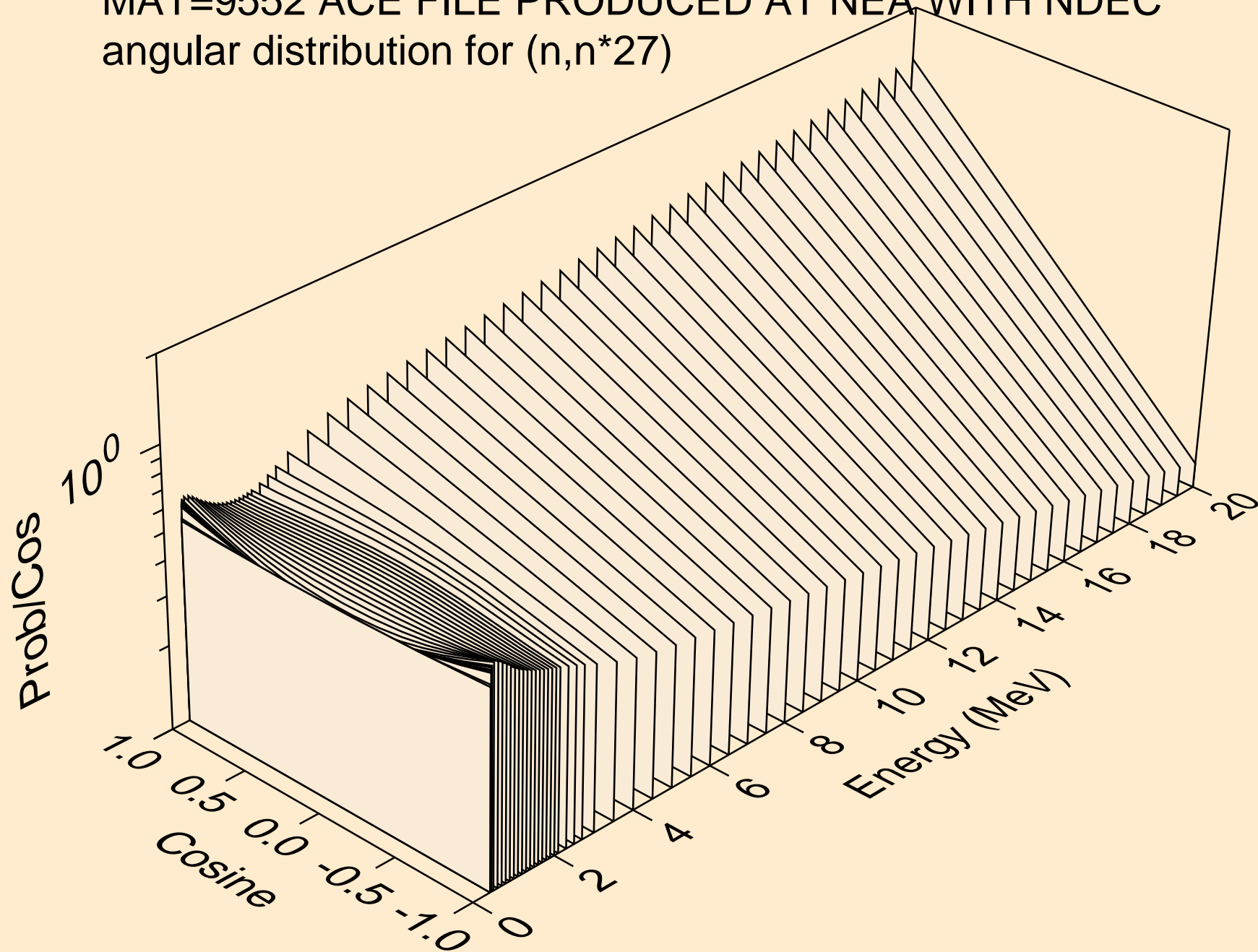
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angular distribution for (n,n\*25)



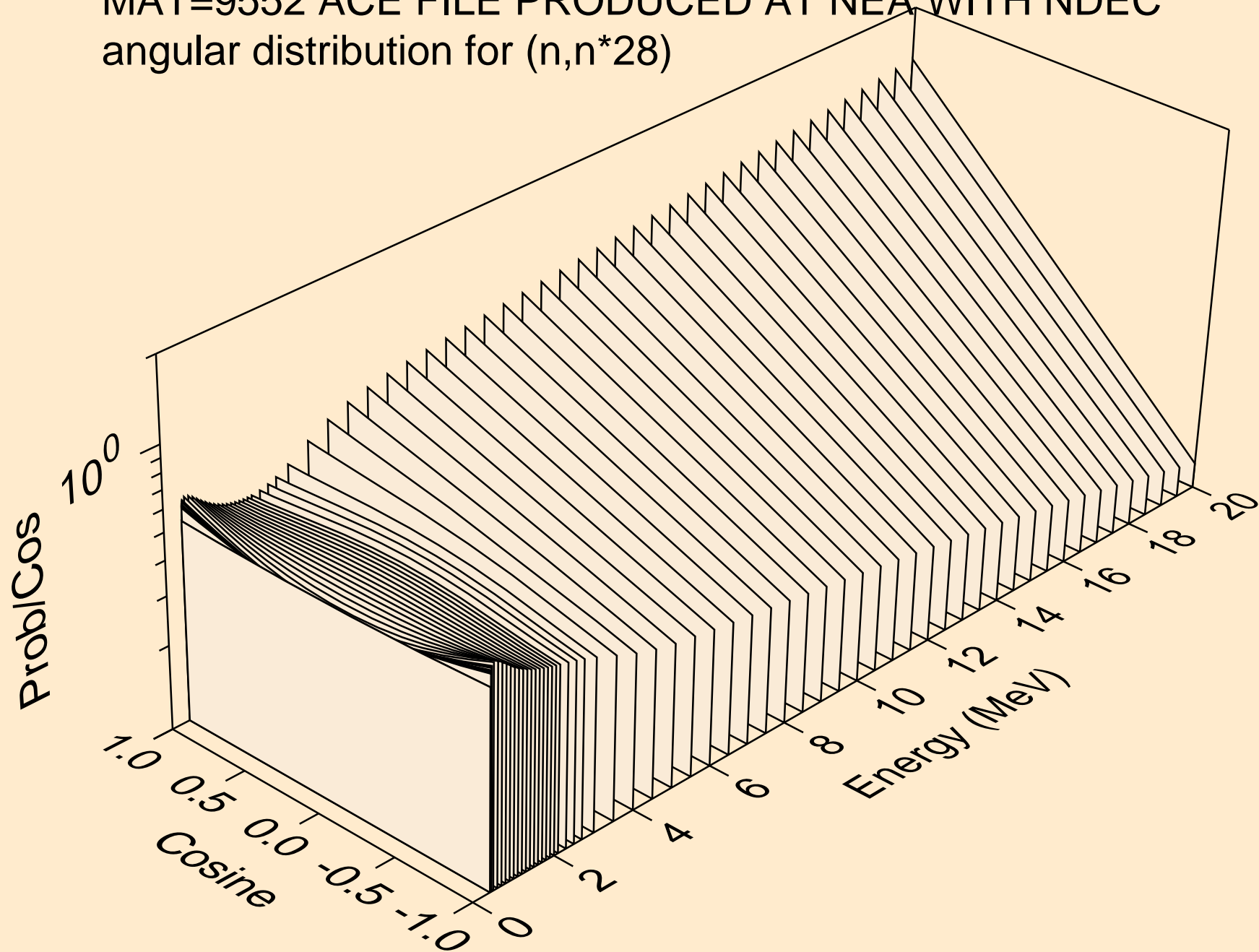
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angular distribution for (n,n\*26)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*27)

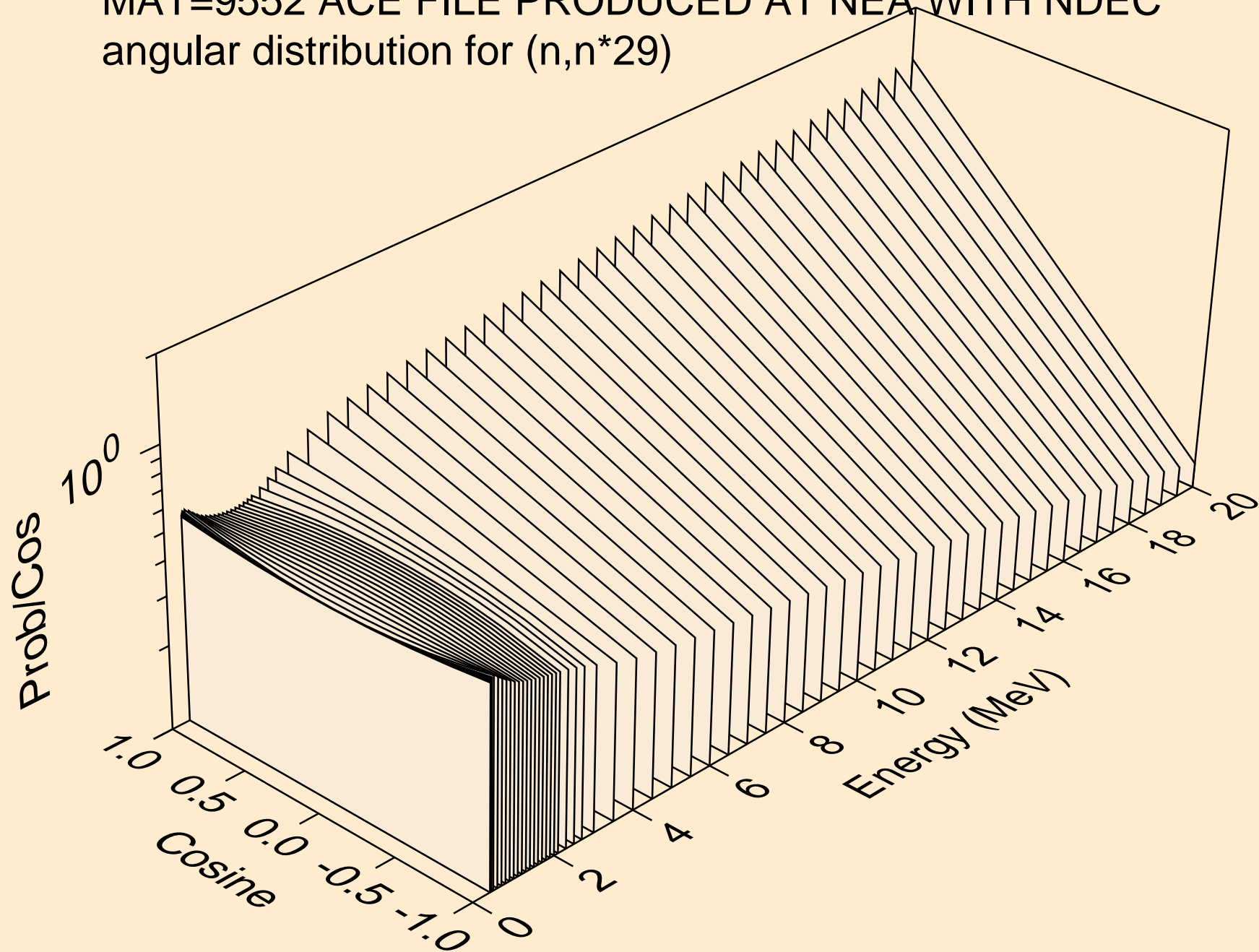


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angular distribution for (n,n\*28)

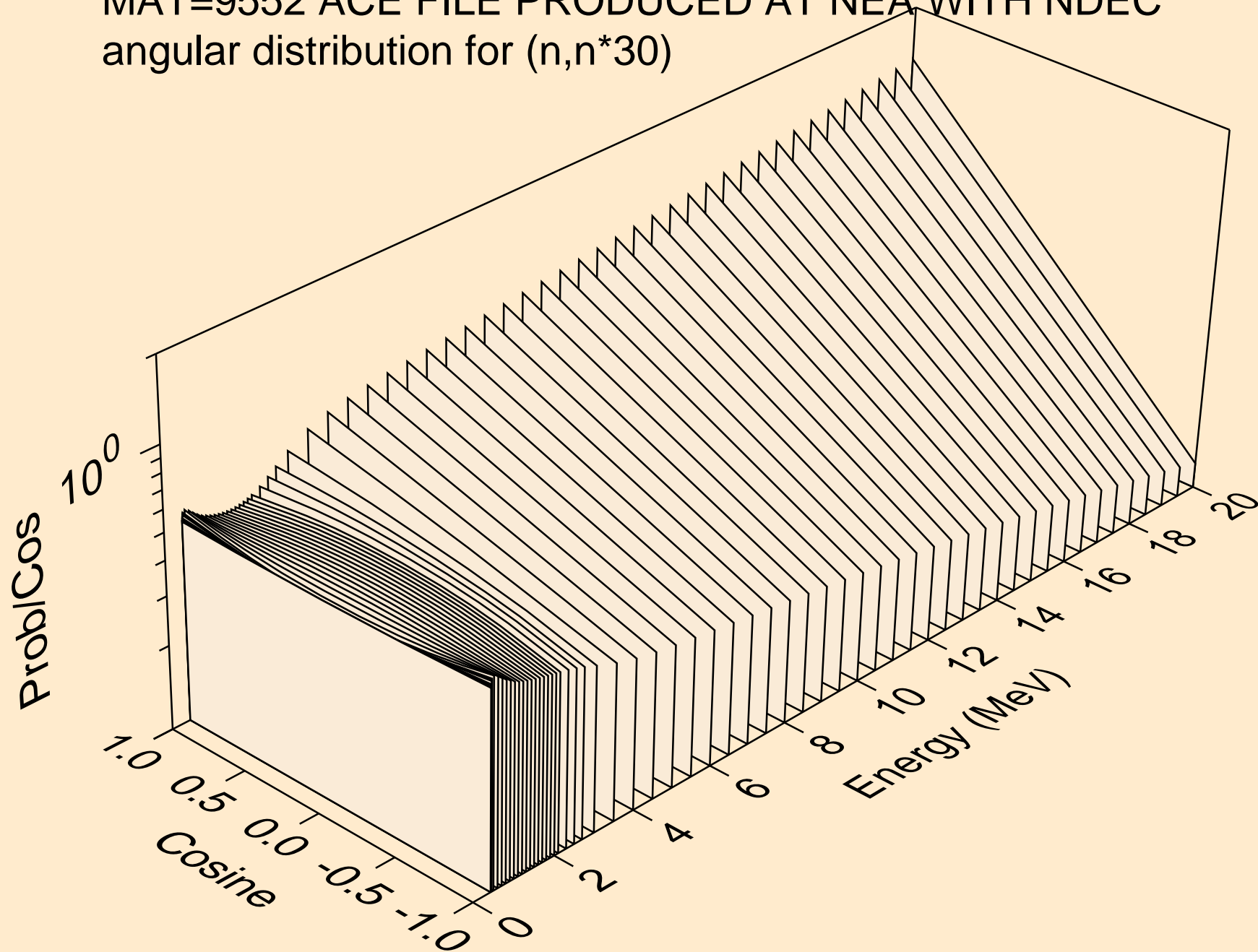




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angular distribution for (n,n\*29)

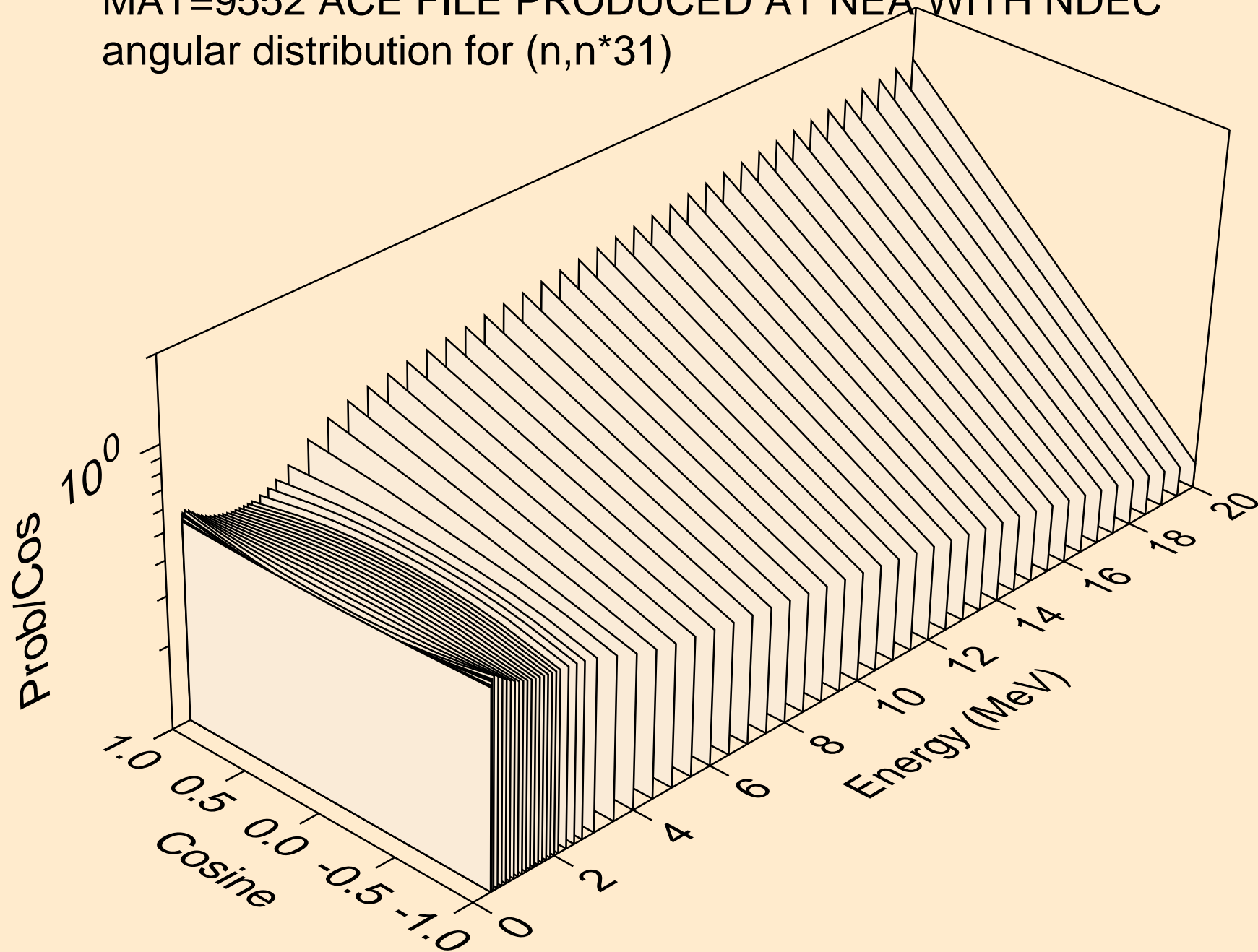


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angular distribution for (n,n\*30)

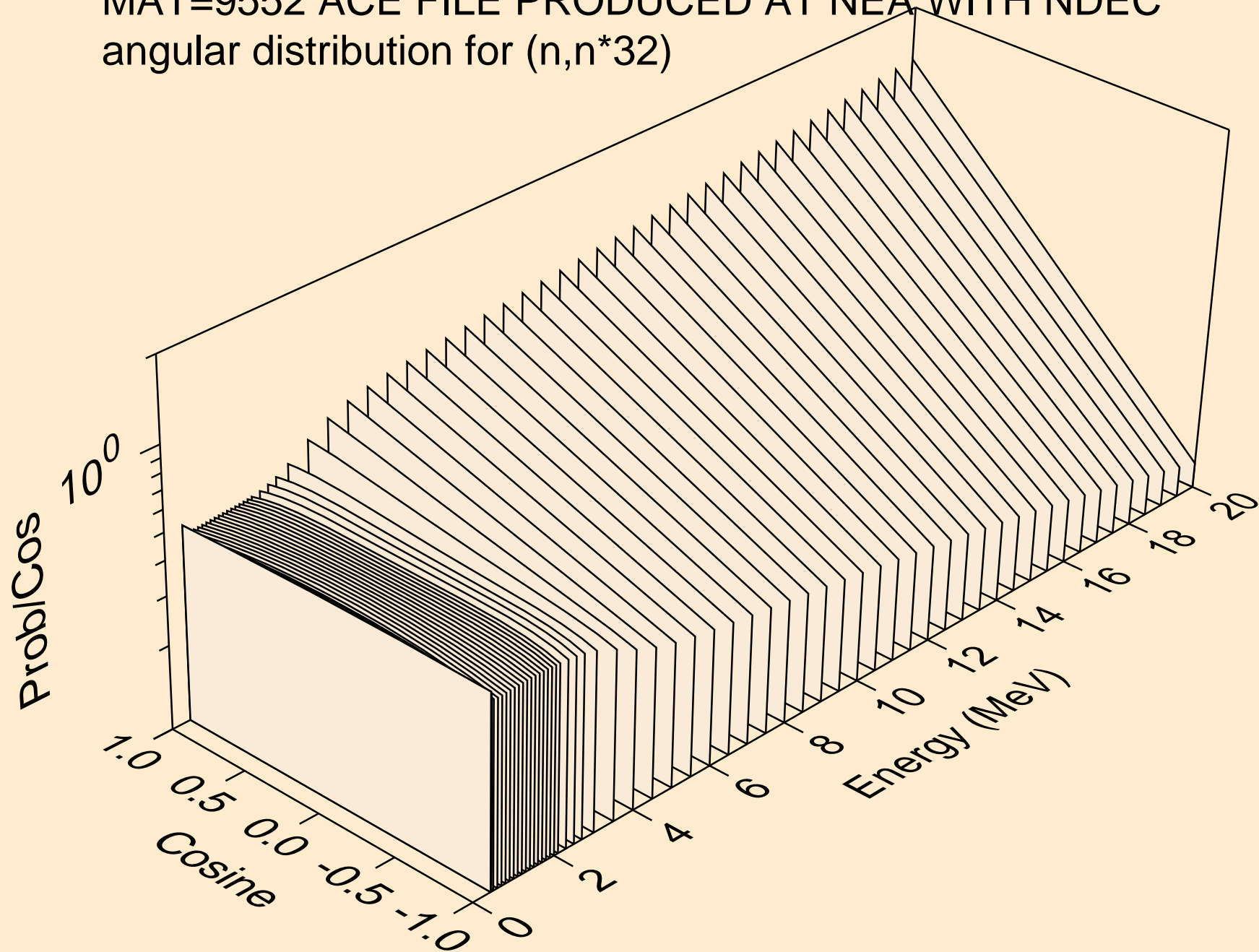




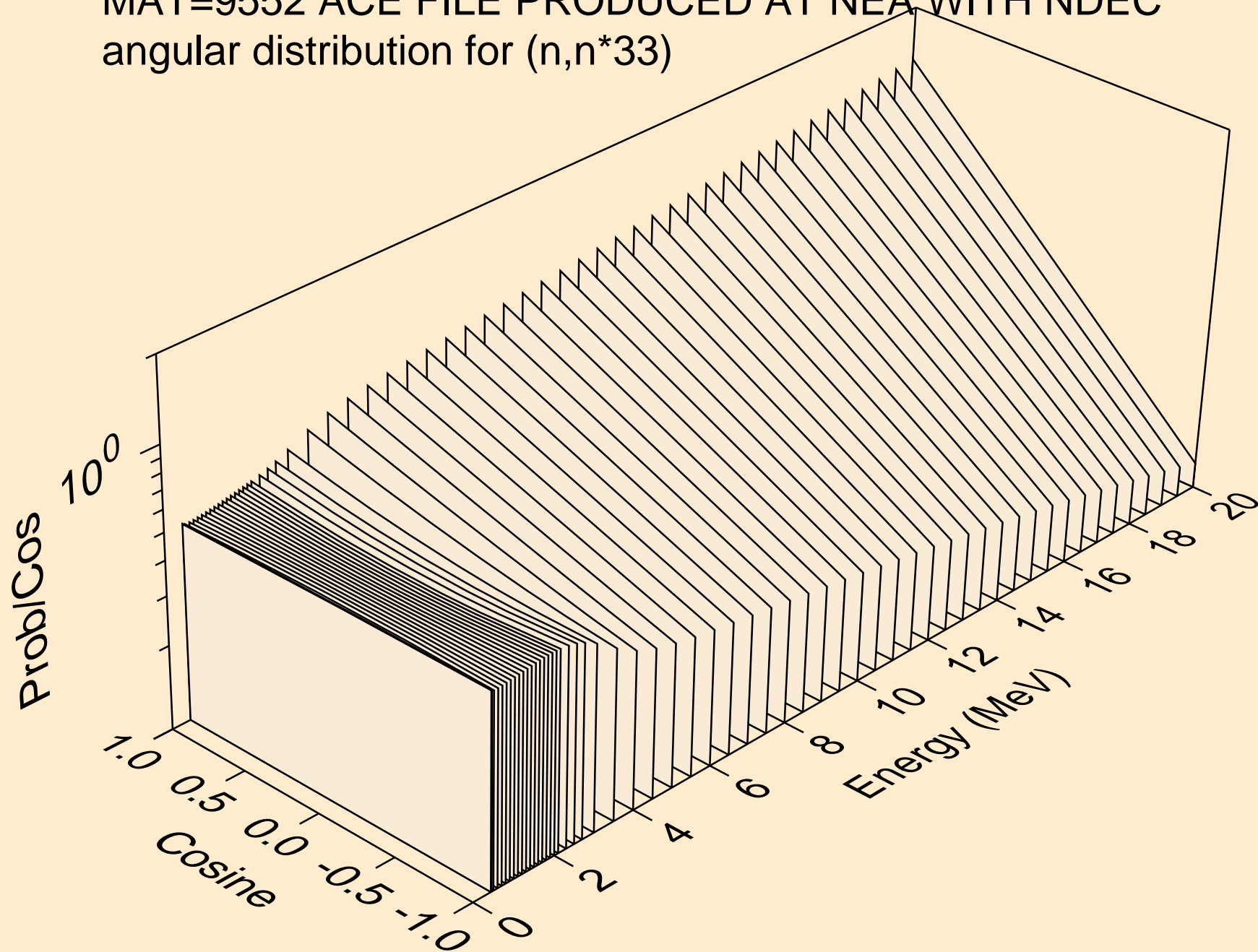
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angular distribution for (n,n\*31)



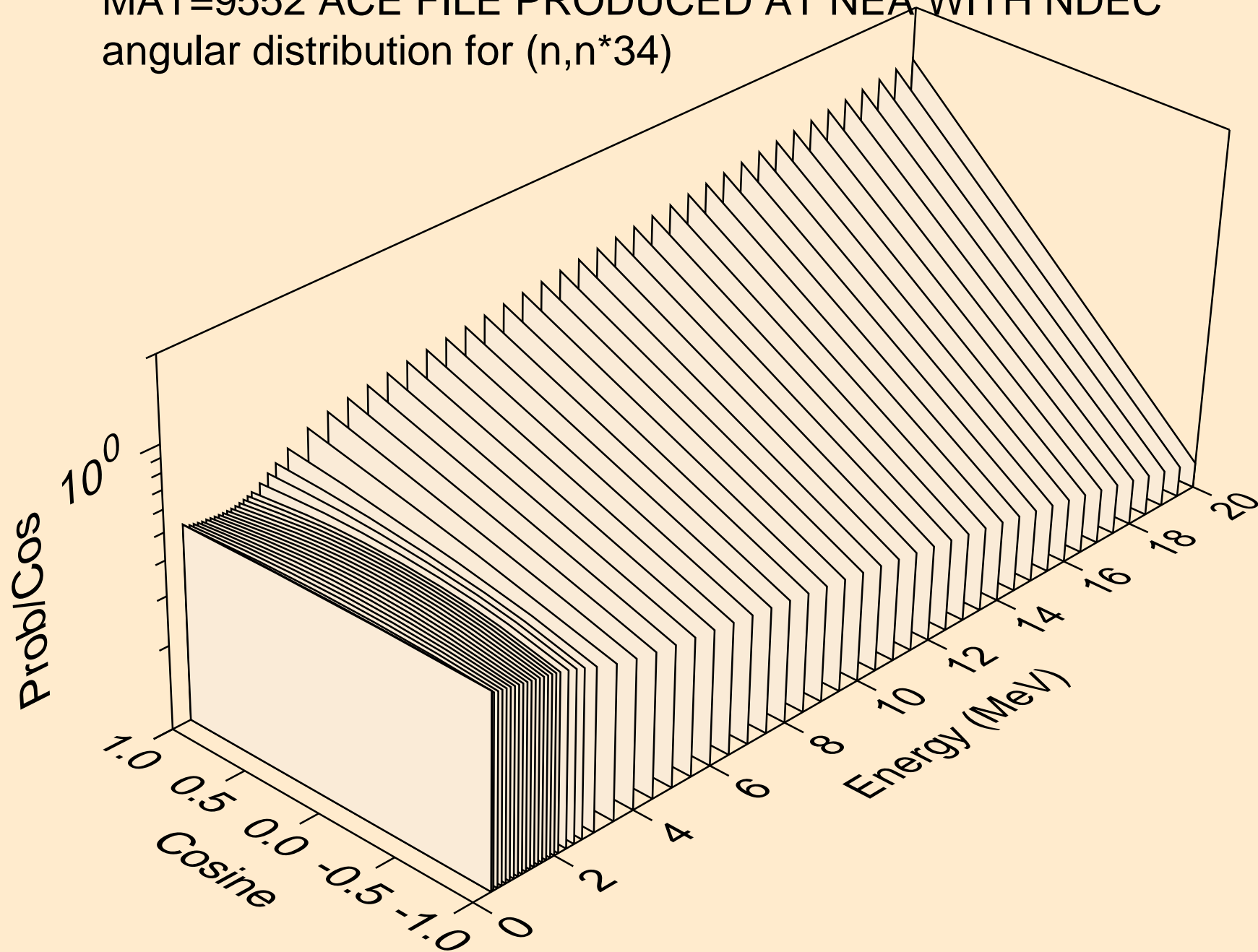
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angular distribution for (n,n\*32)



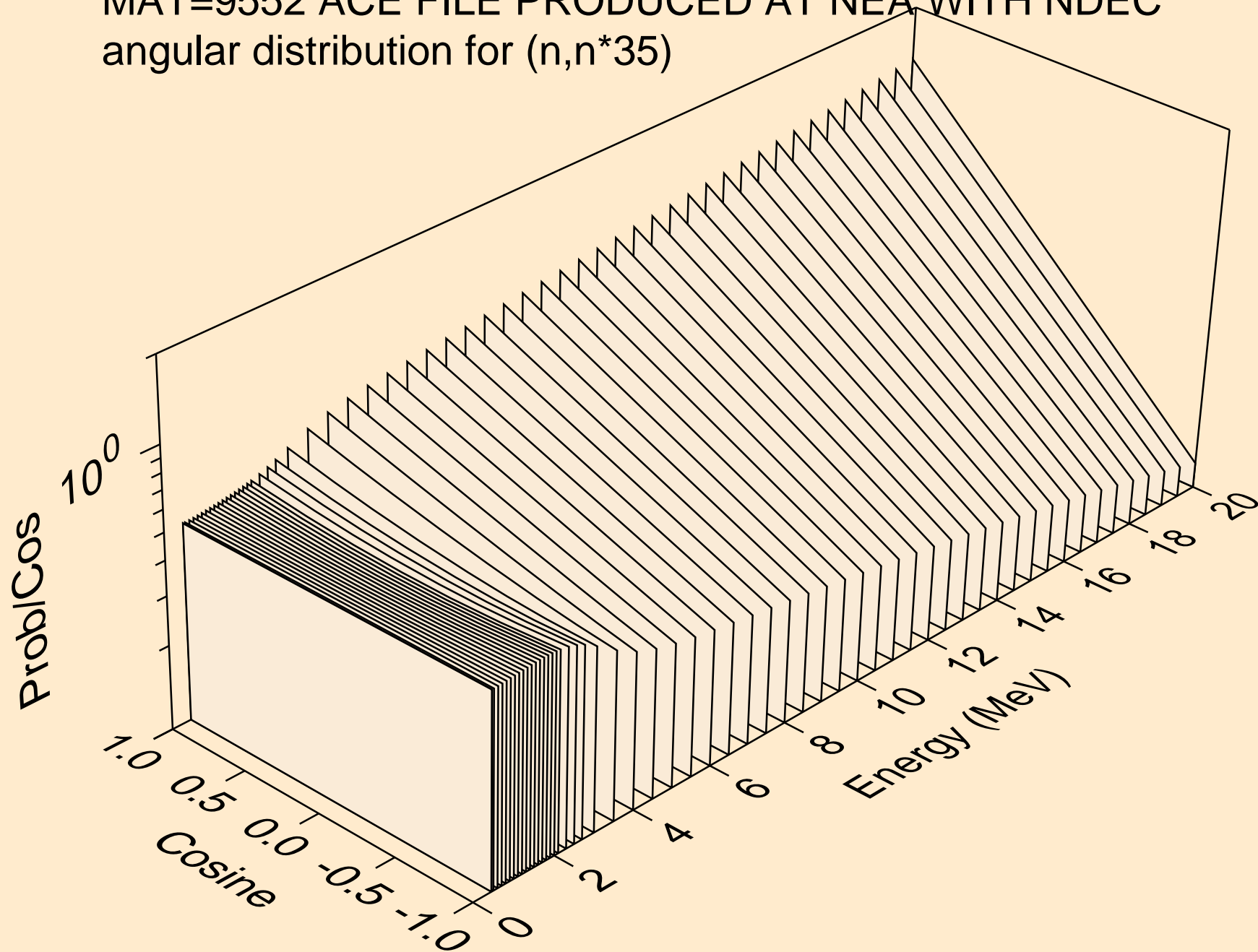
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angular distribution for (n,n\*33)



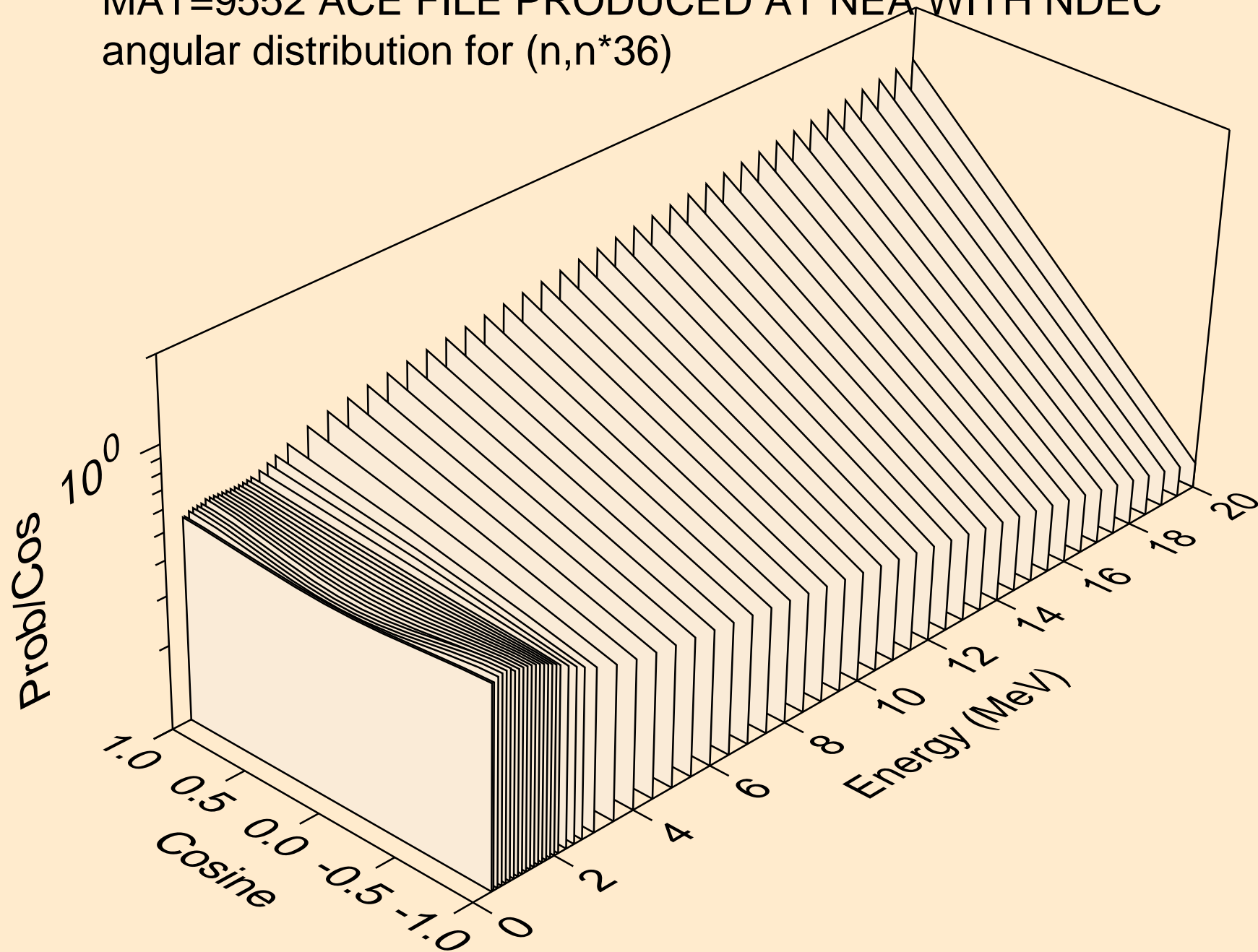
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angular distribution for (n,n\*34)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*35)

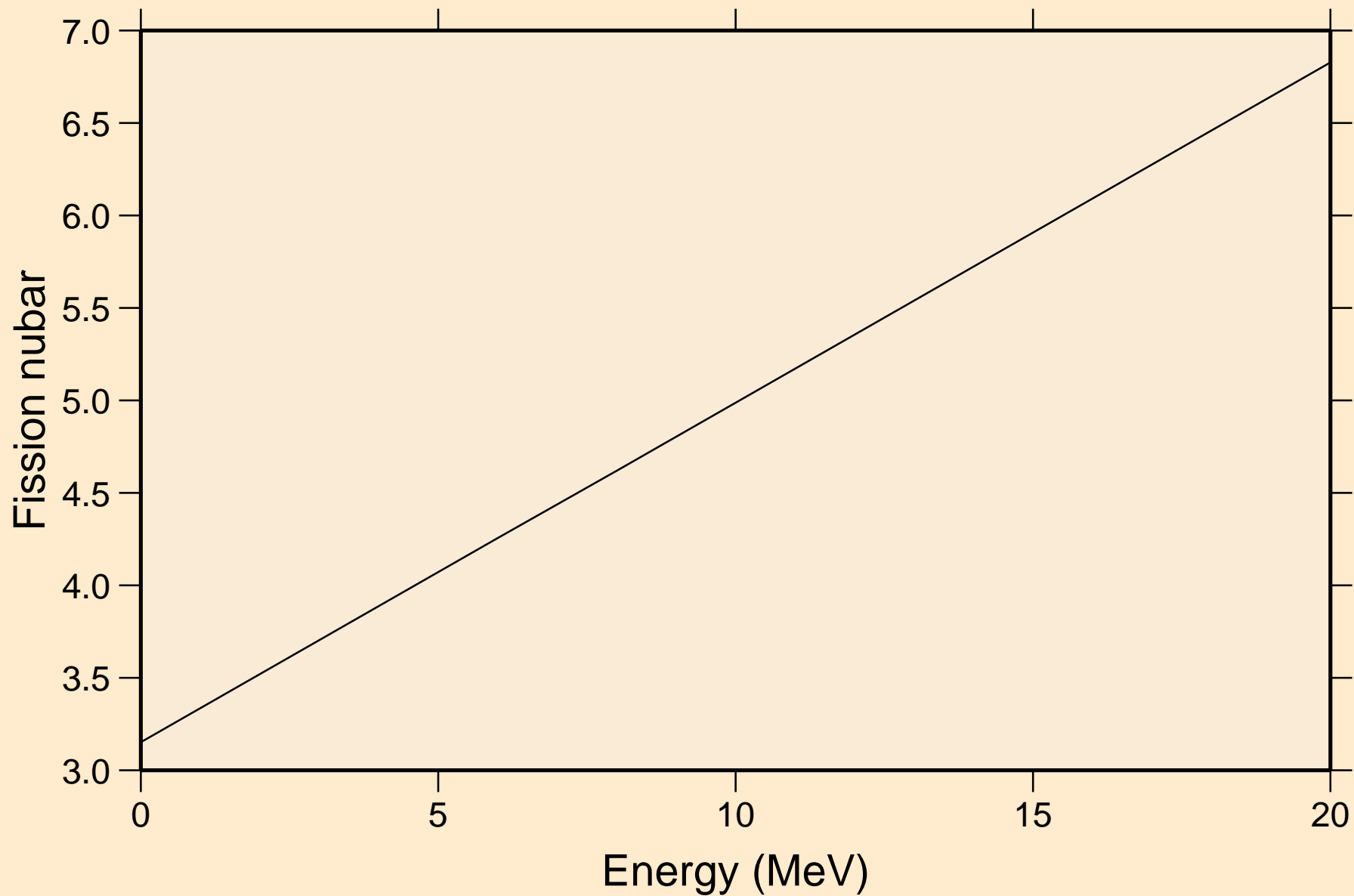


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angular distribution for (n,n\*36)



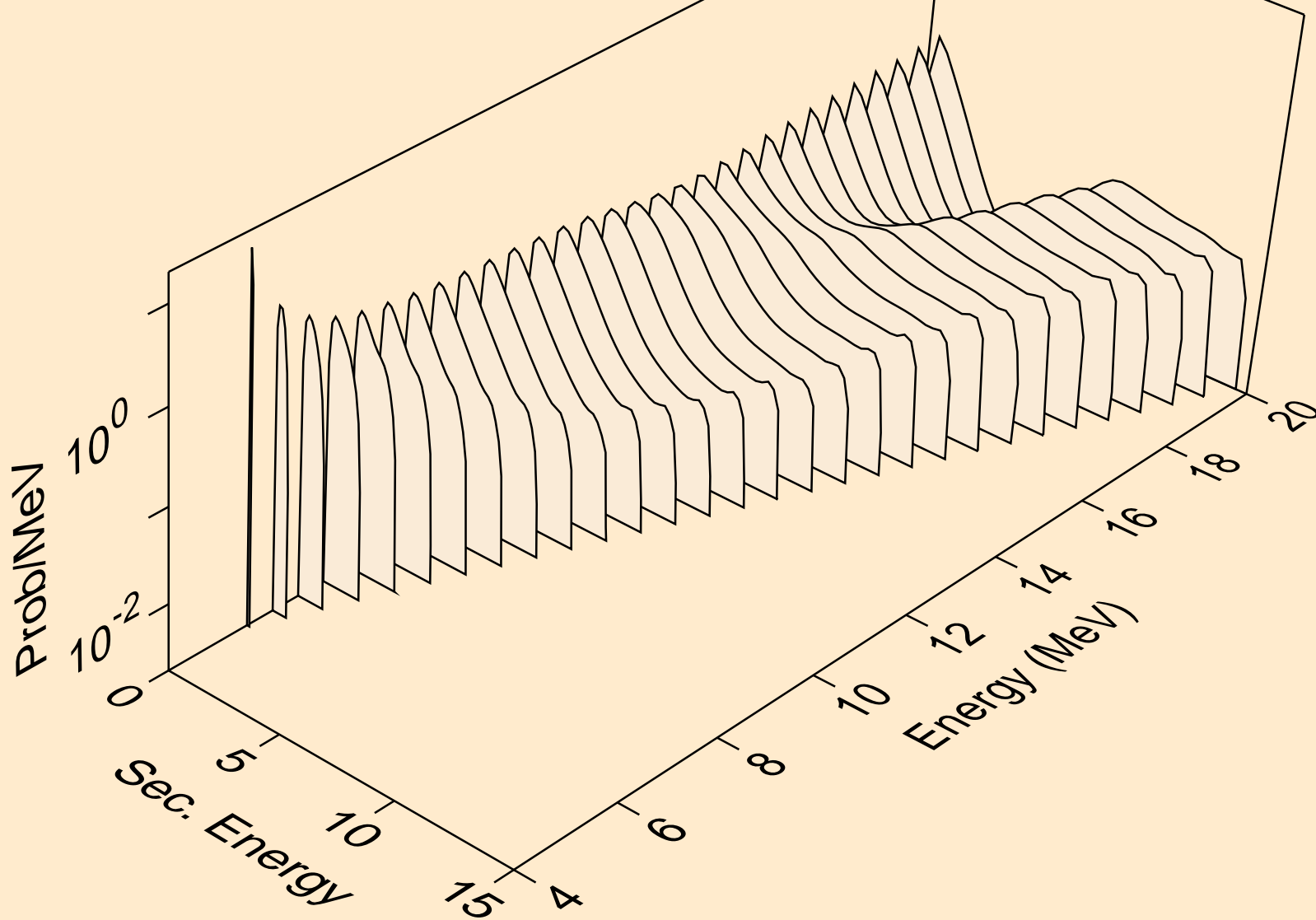
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Total fission nubar



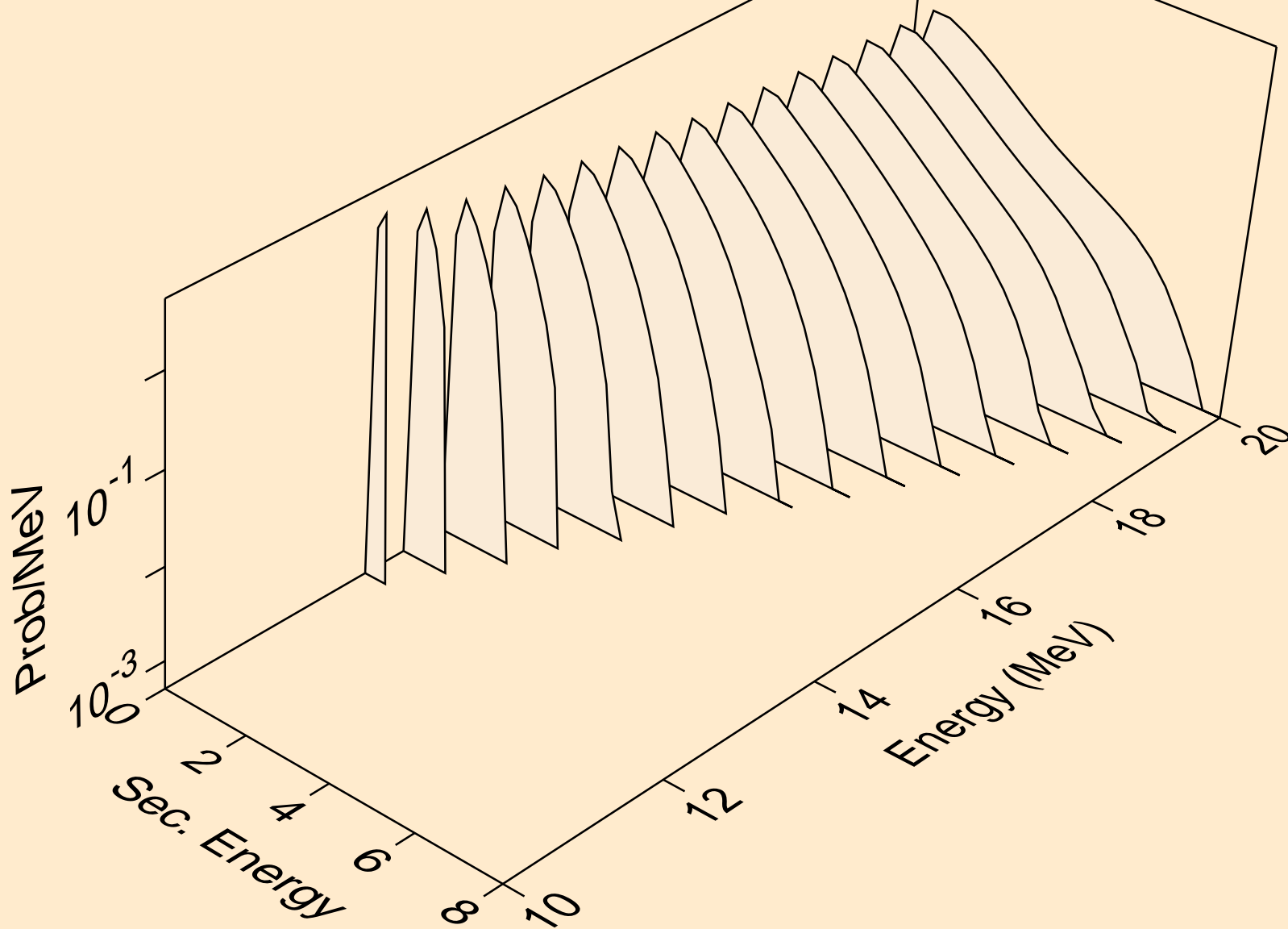


MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2n)

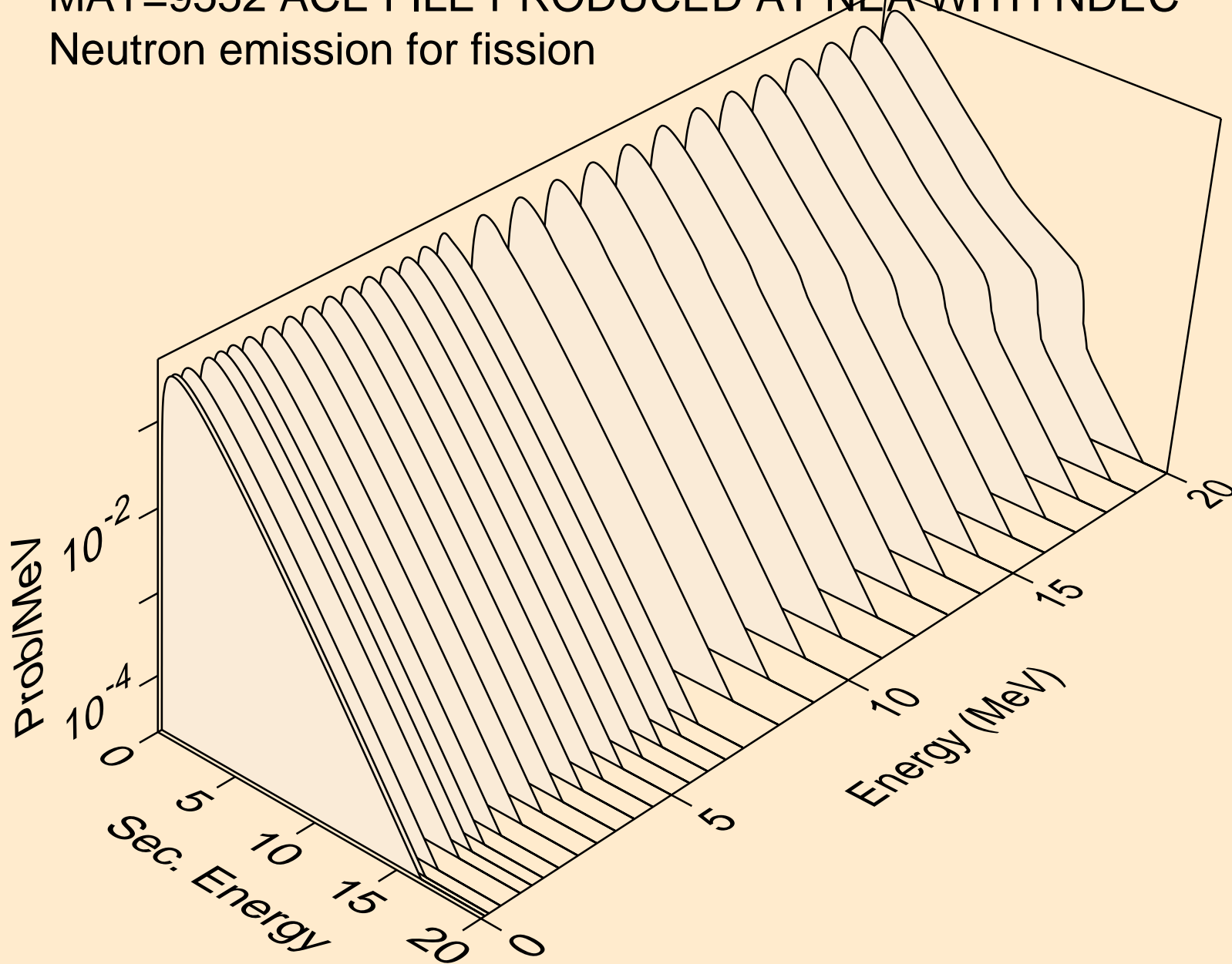




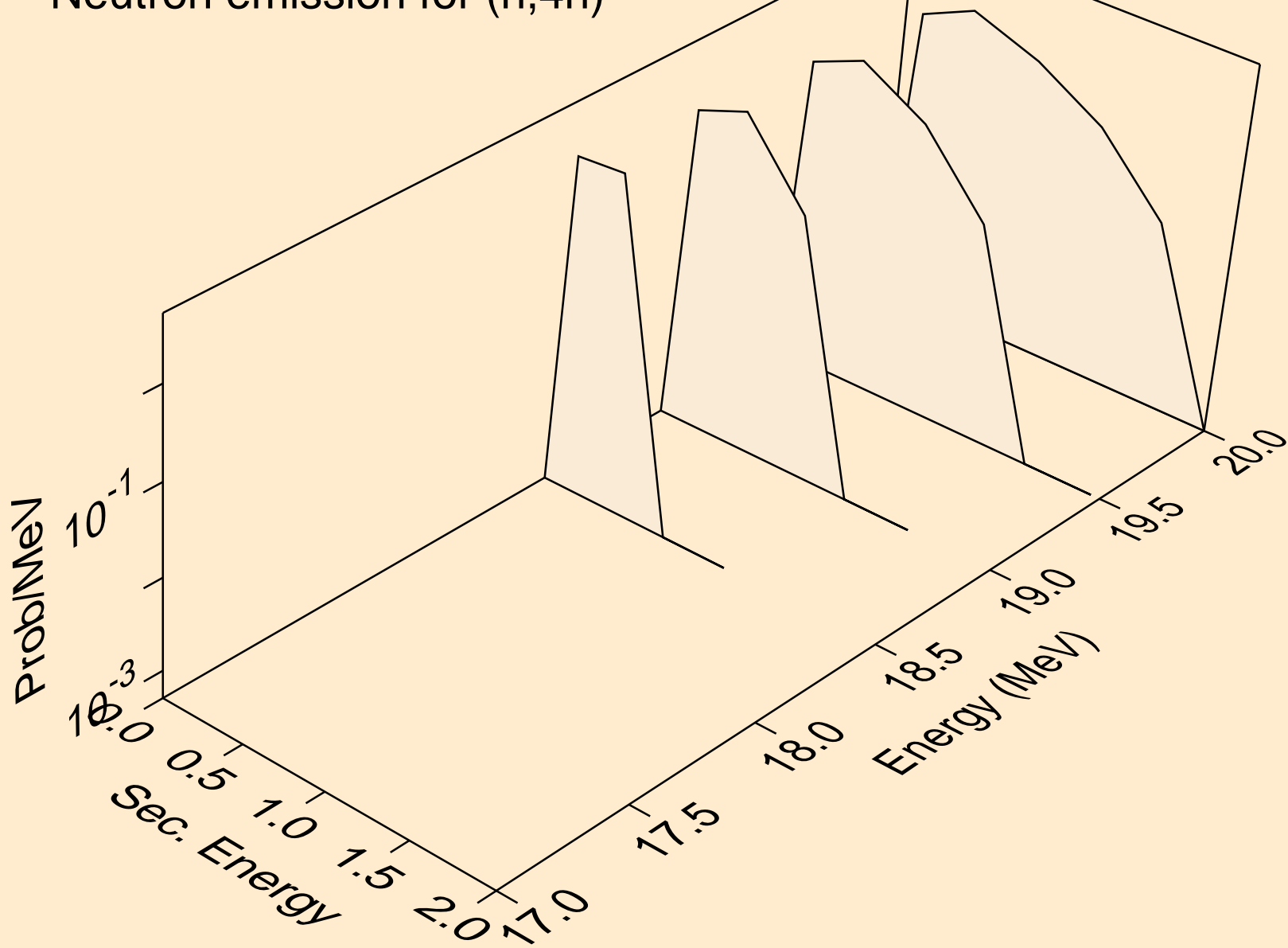
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Neutron emission for (n,3n)



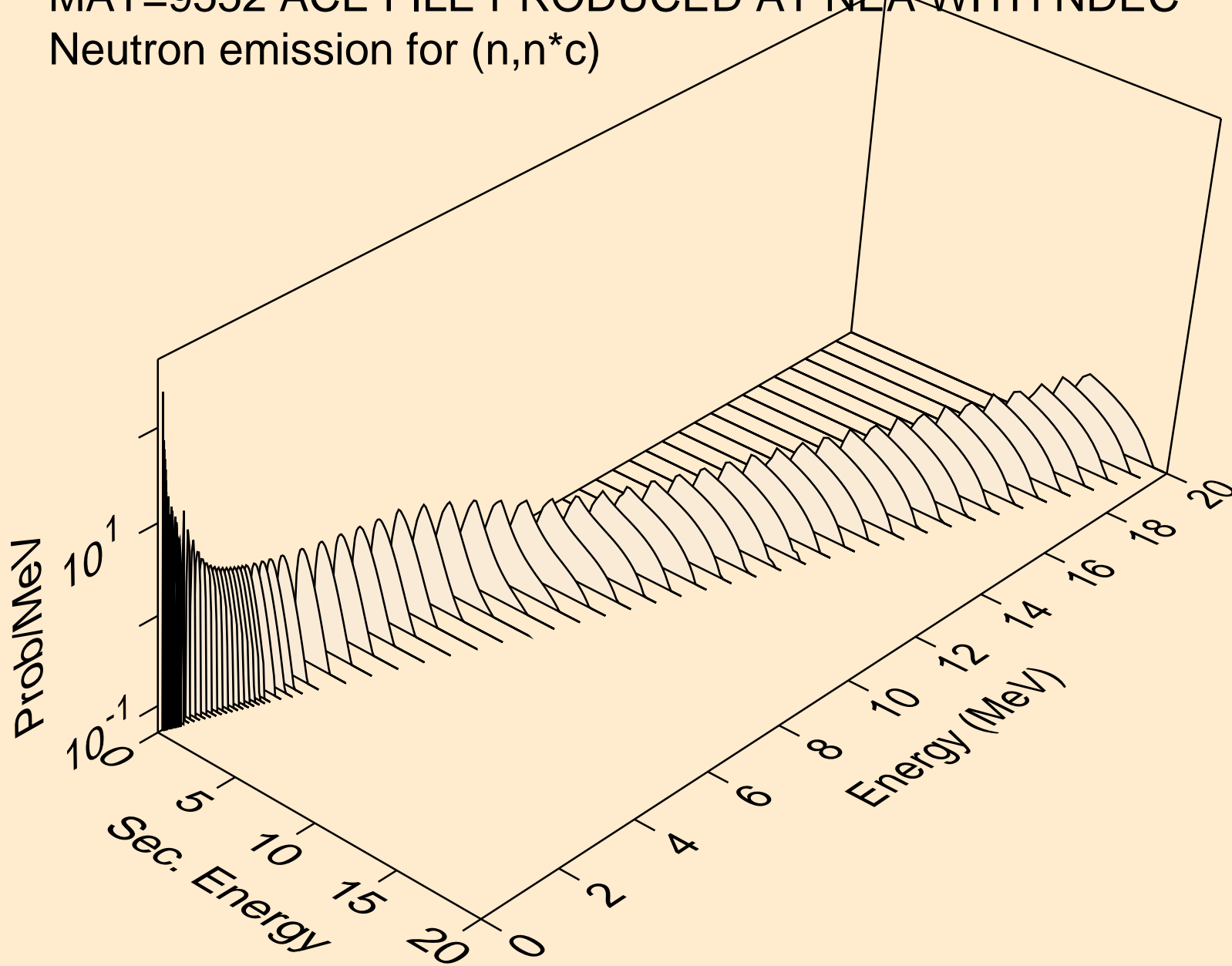
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Neutron emission for fission



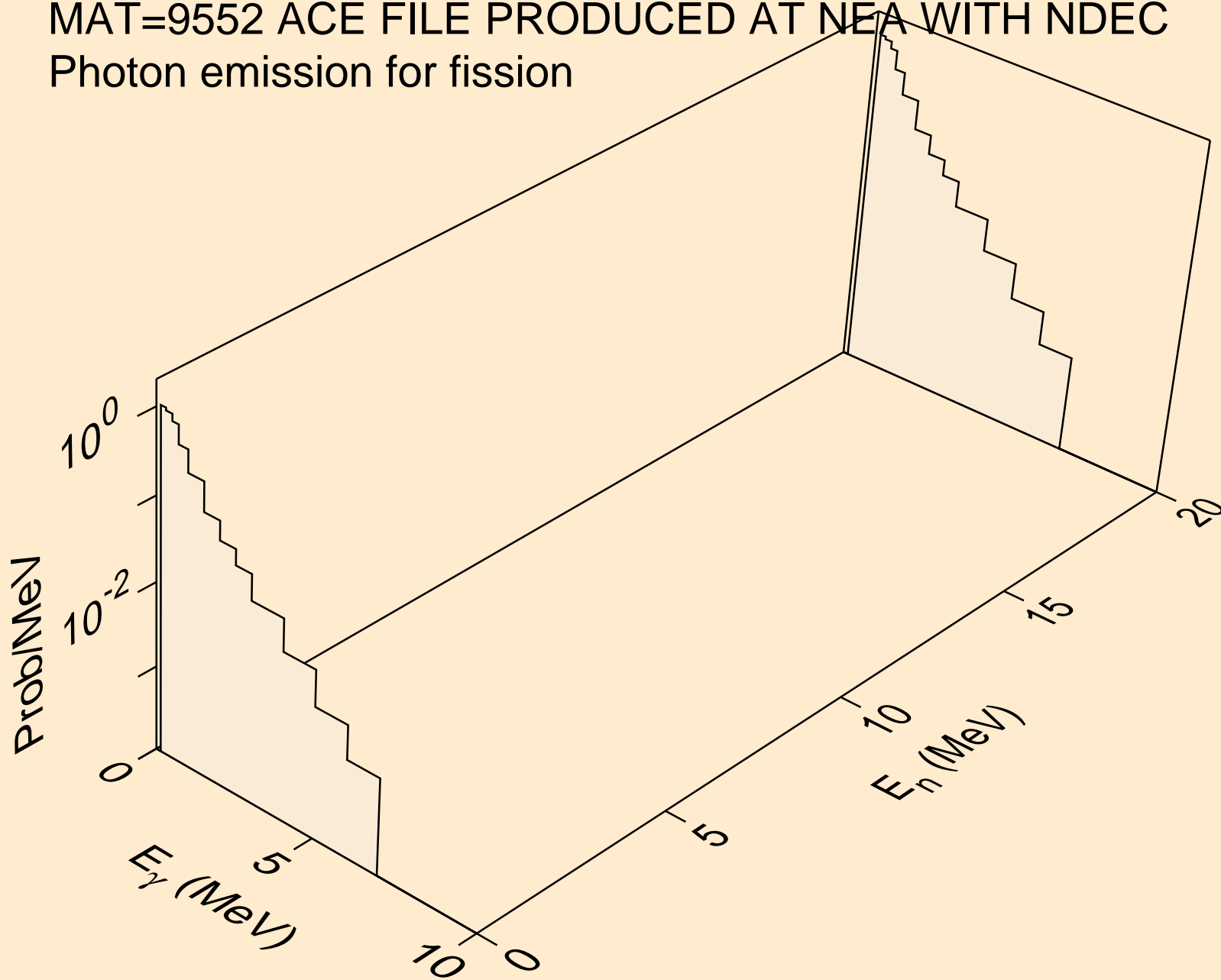
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Neutron emission for (n,4n)



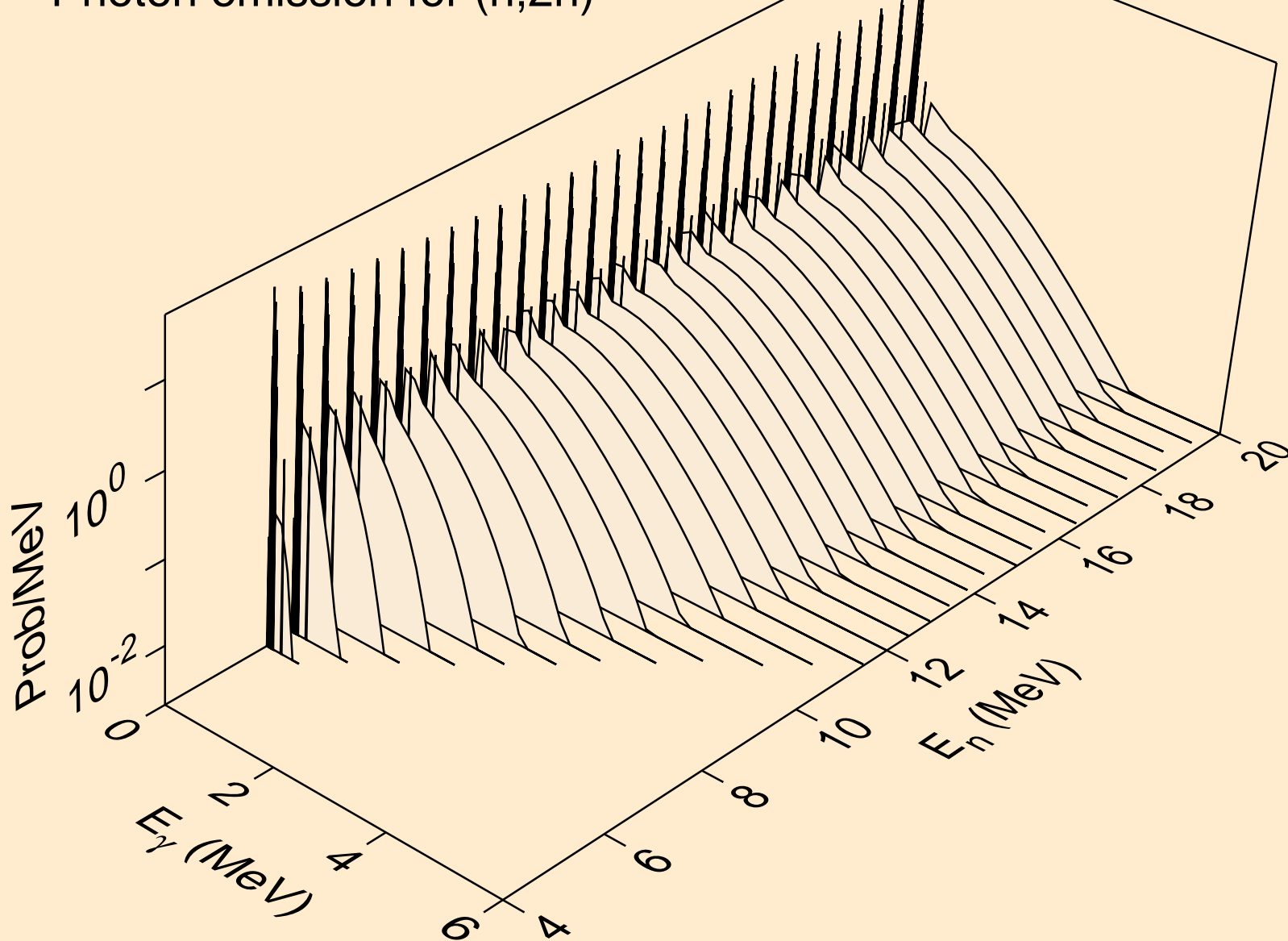
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*c)



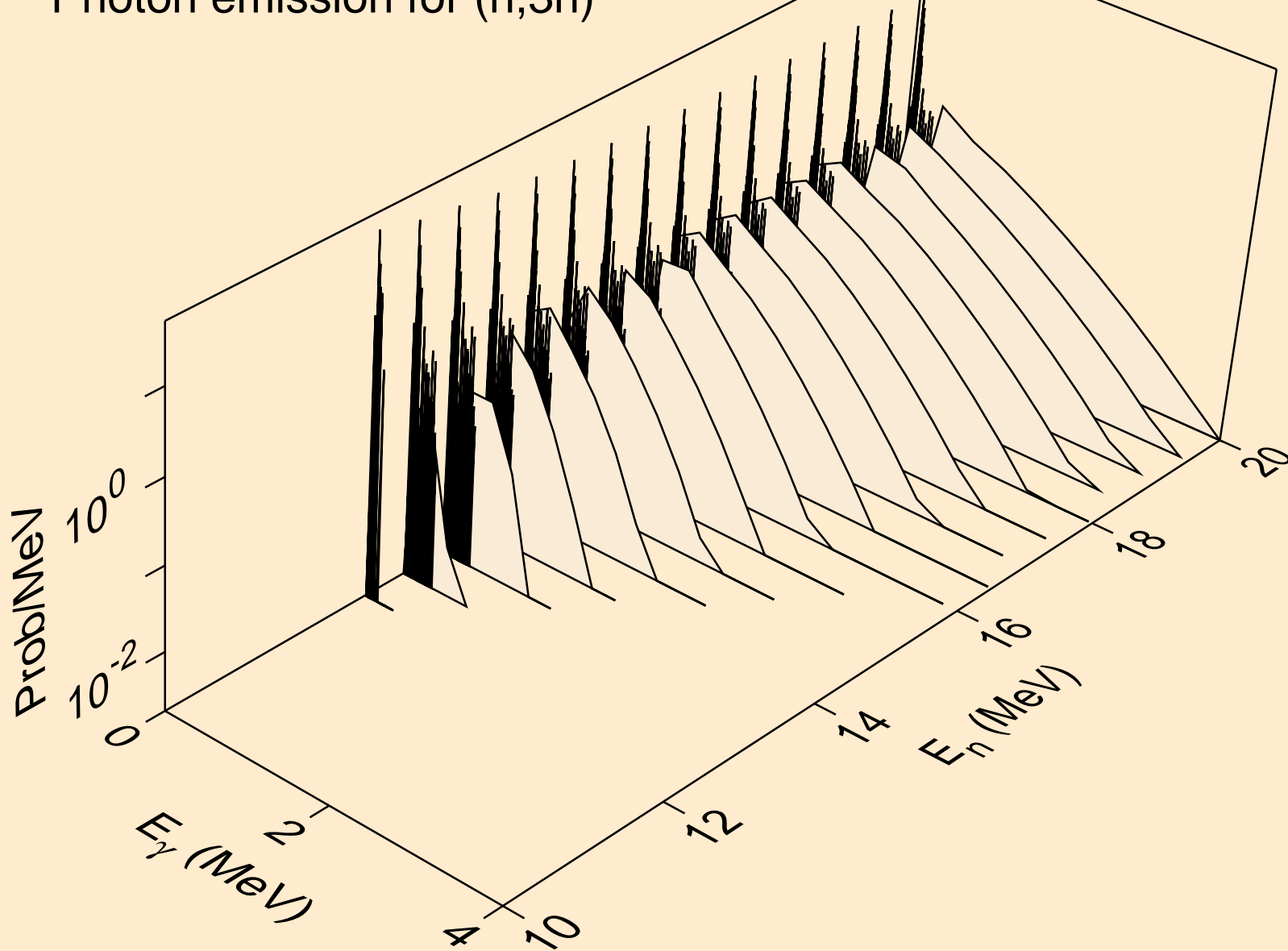
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Photon emission for fission



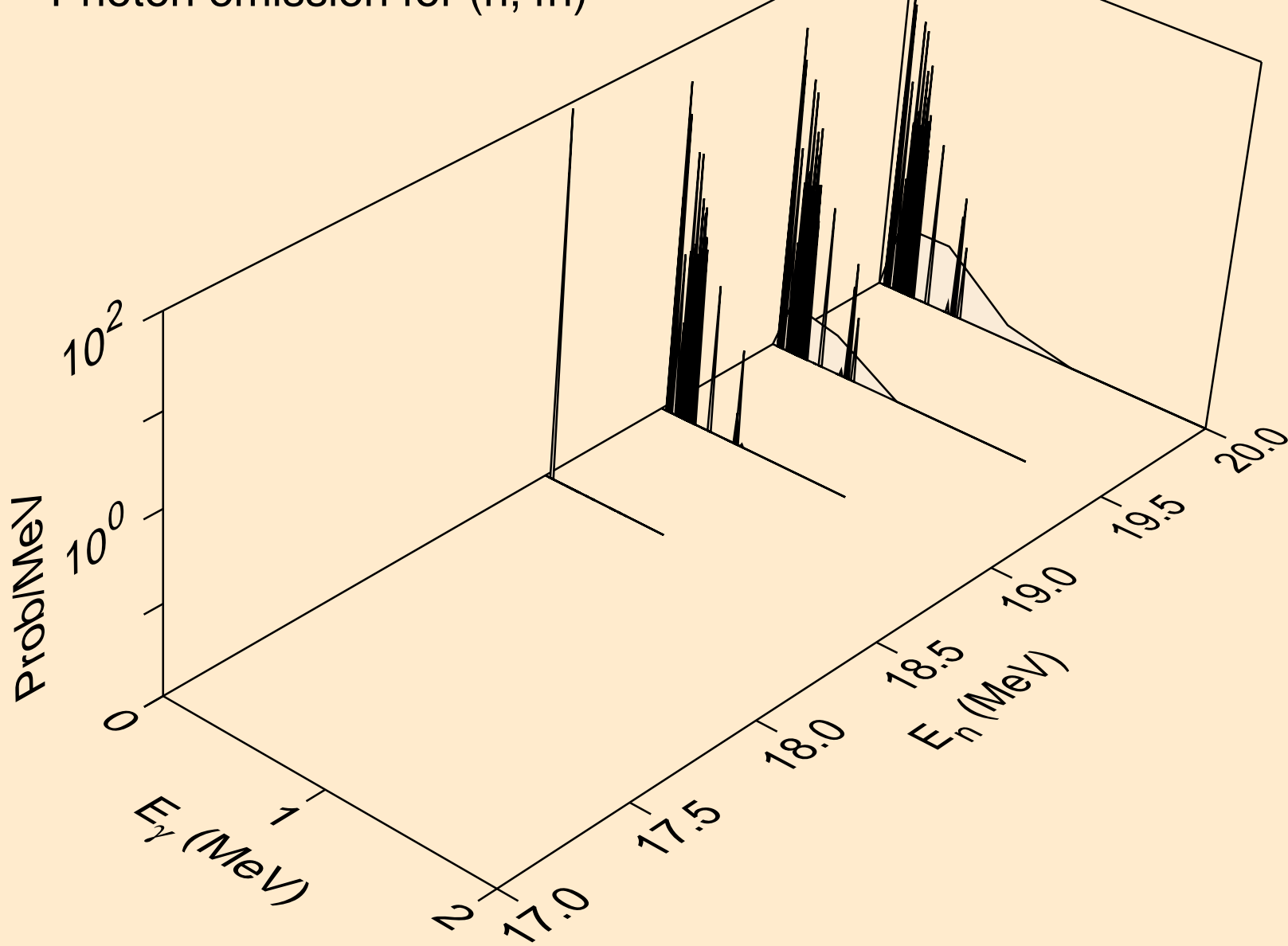
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Photon emission for (n,2n)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,3n)

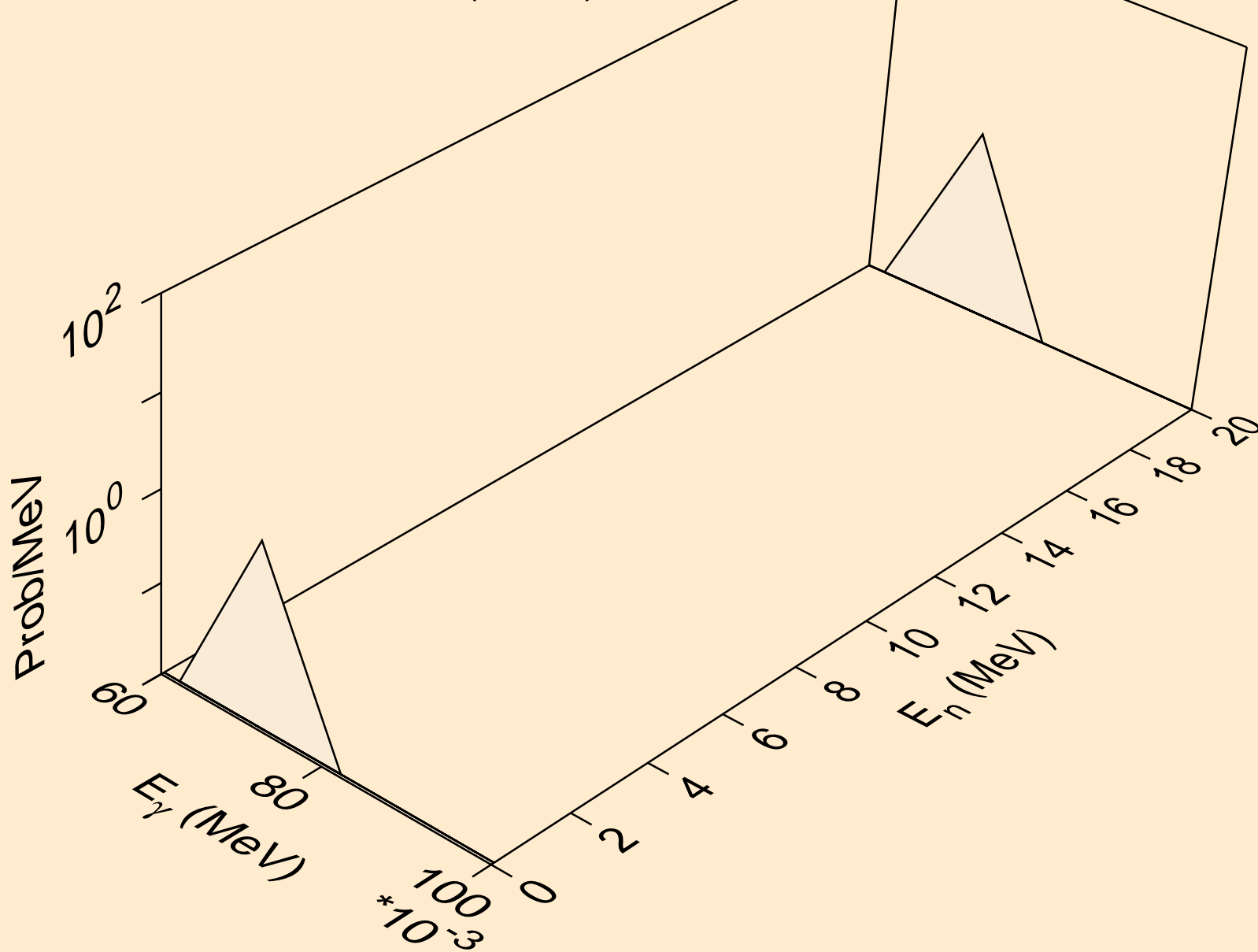


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Photon emission for (n,4n)

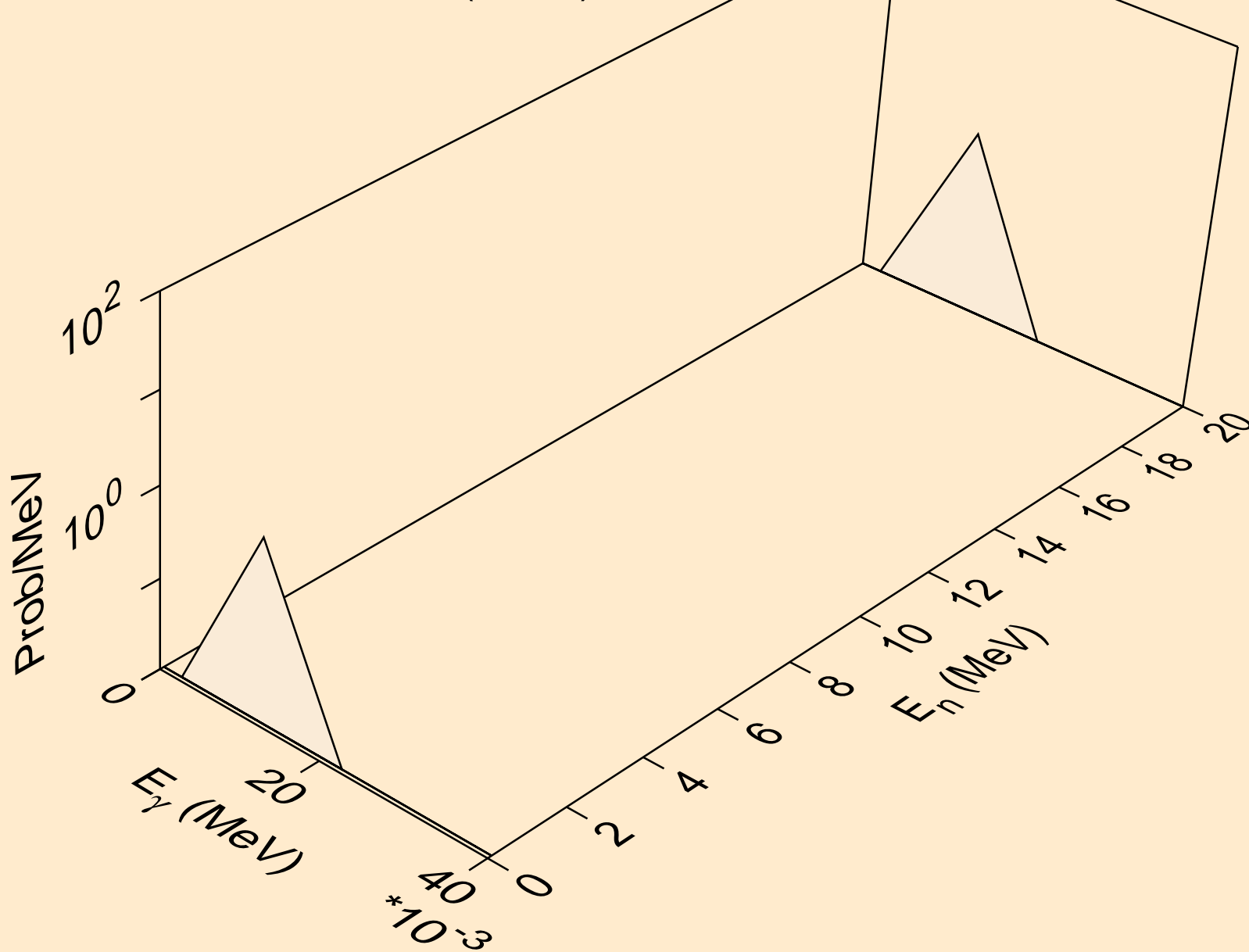




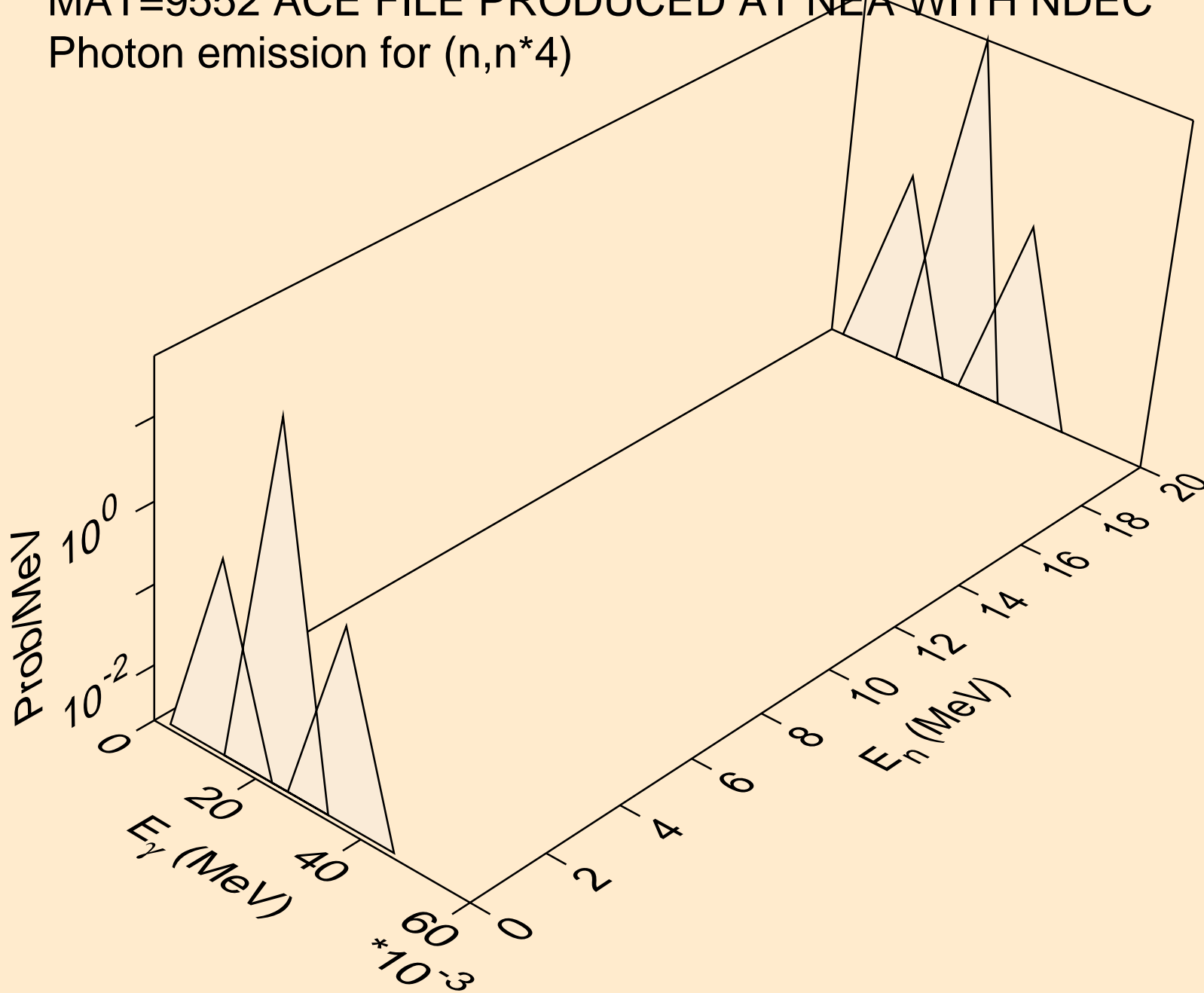
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Photon emission for (n,n\*1)



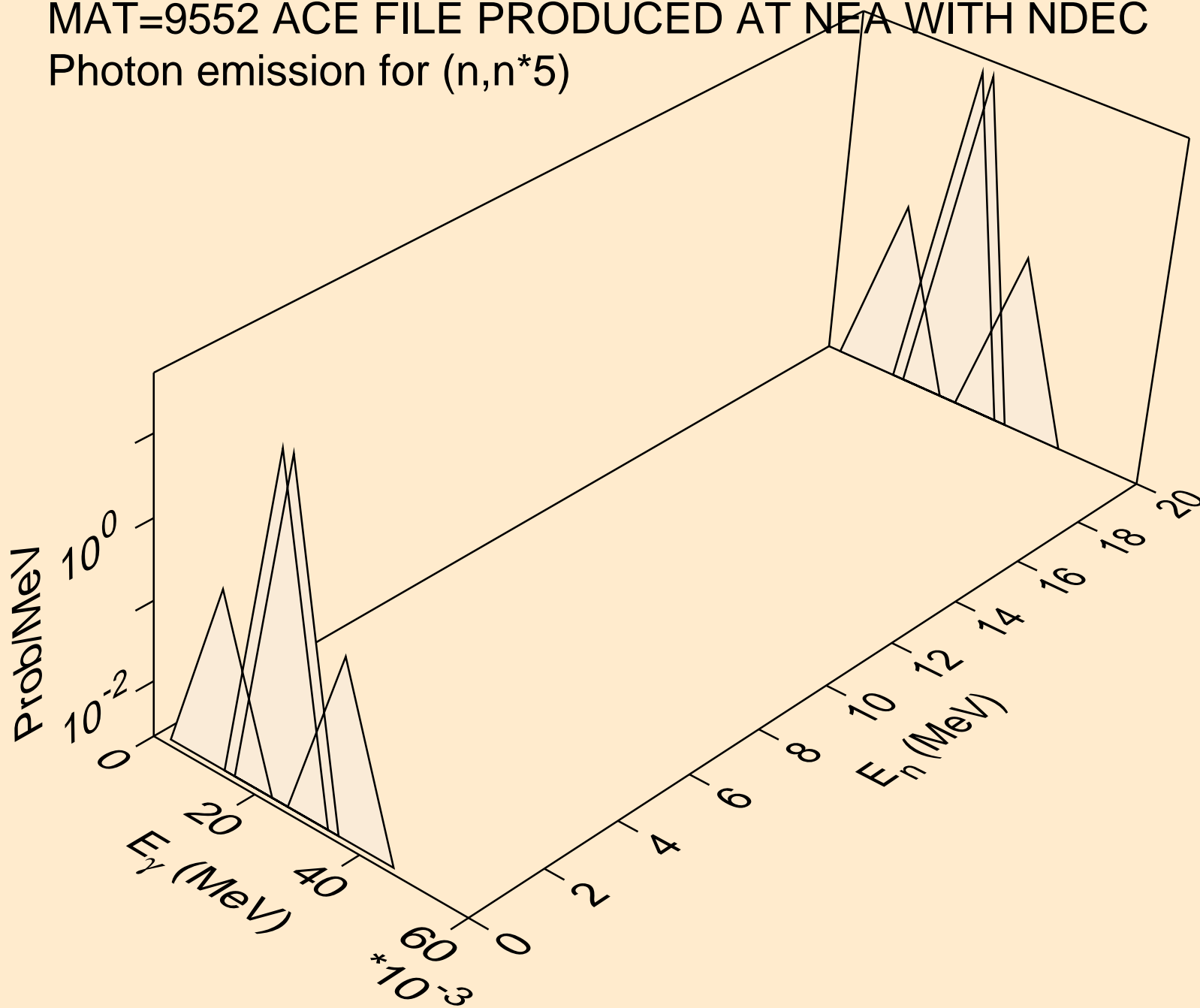
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Photon emission for (n,n\*3)



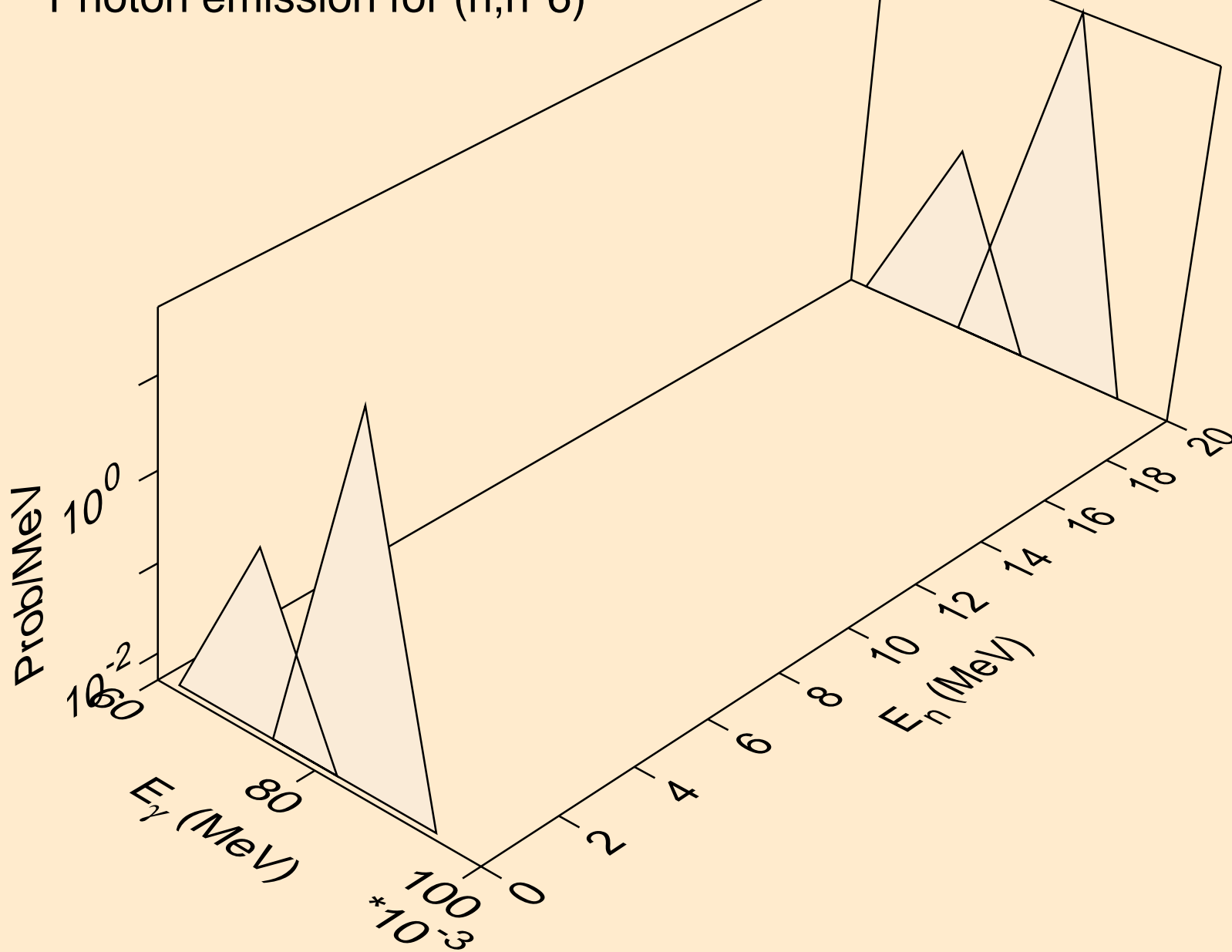
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Photon emission for (n,n\*4)



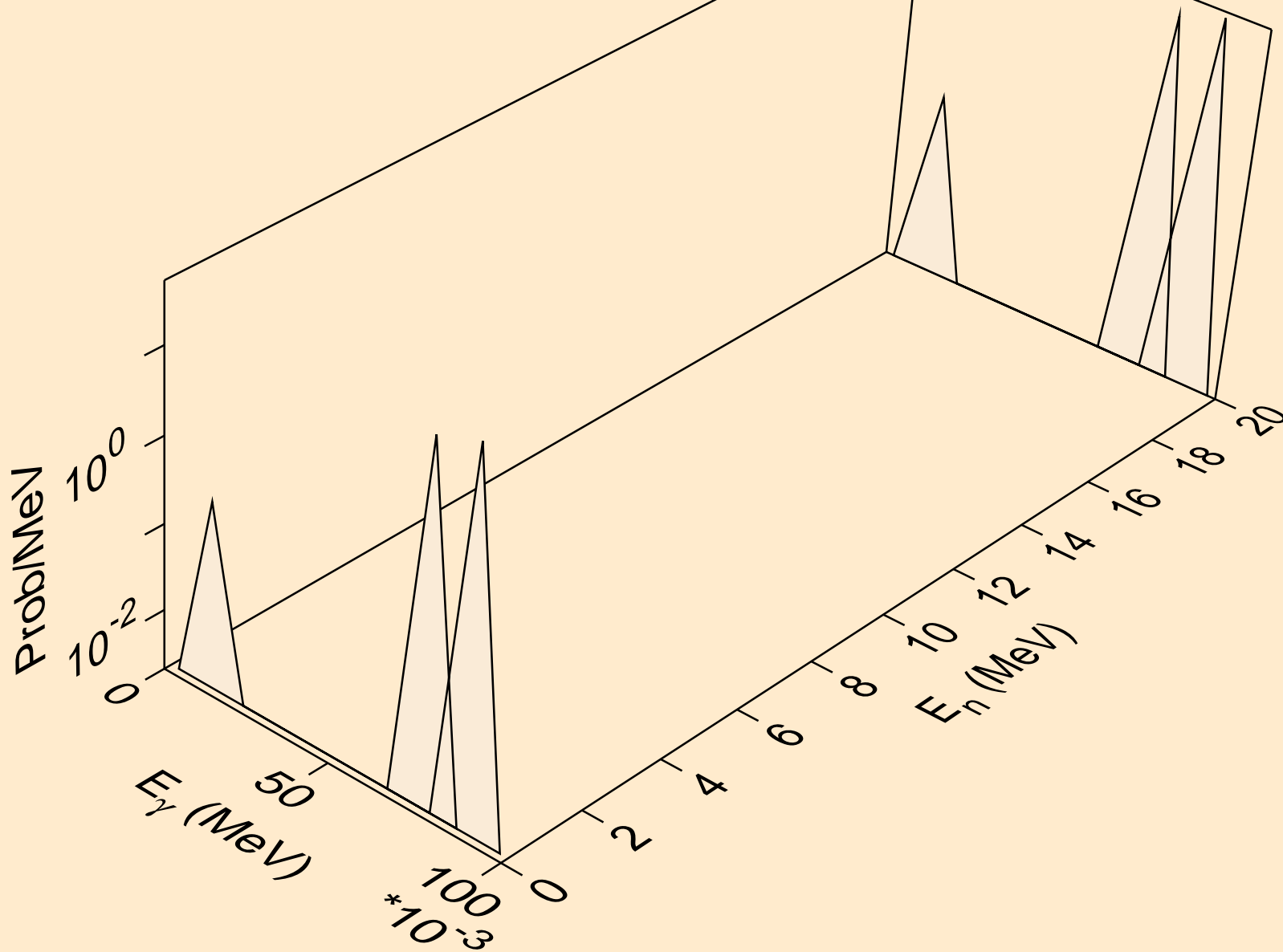
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Photon emission for (n,n\*5)



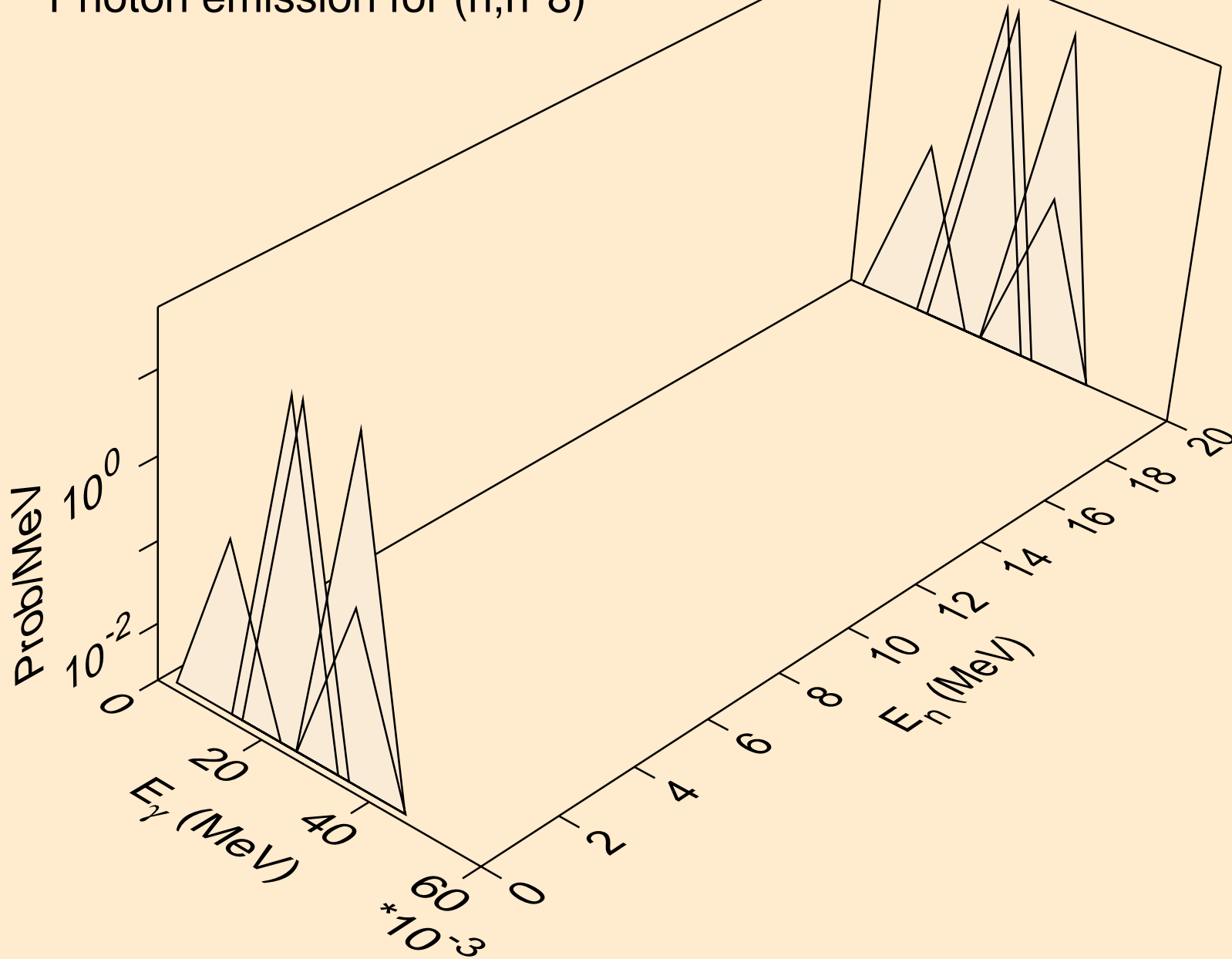
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Photon emission for (n,n\*6)



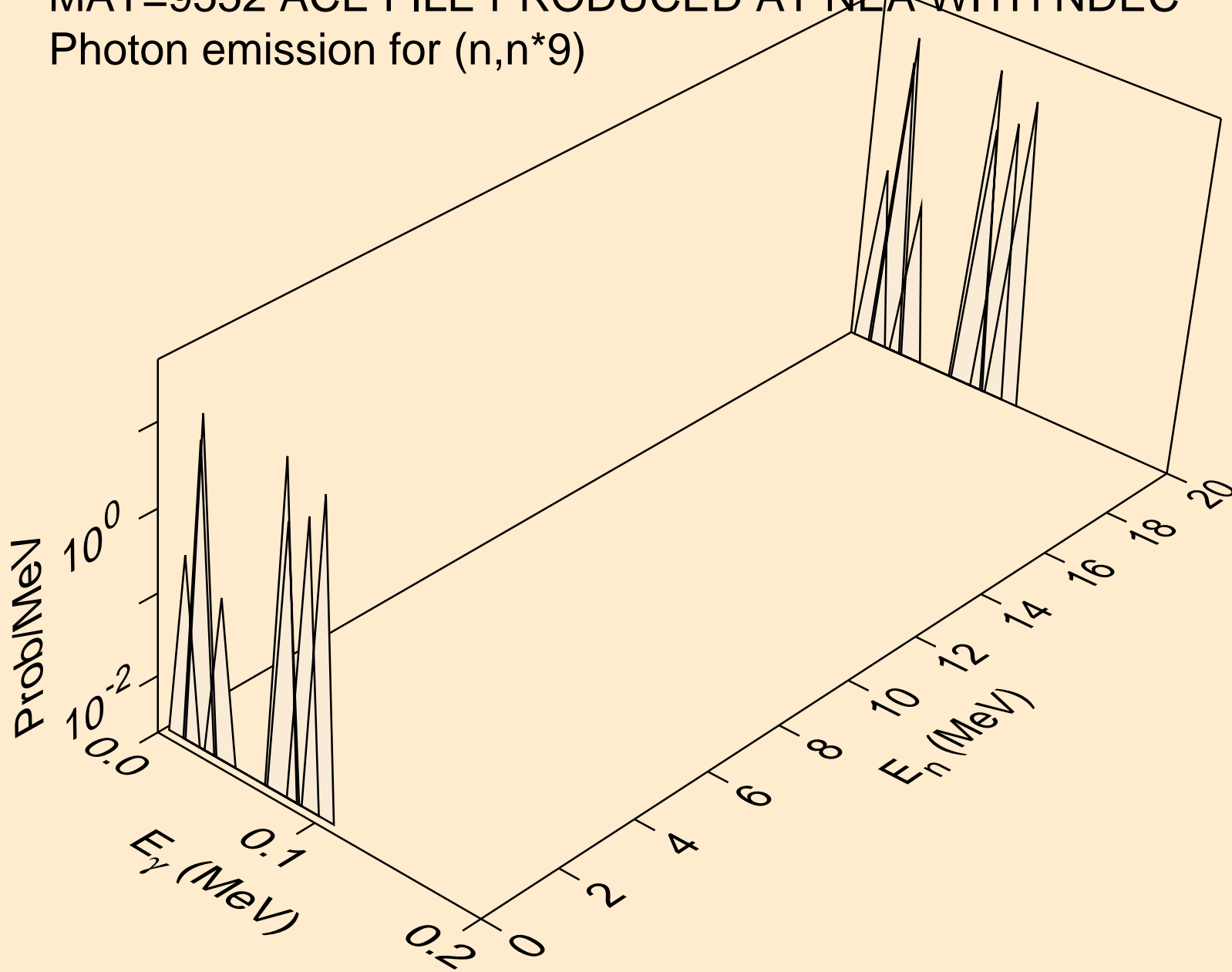
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Photon emission for (n,n\*7)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*8)

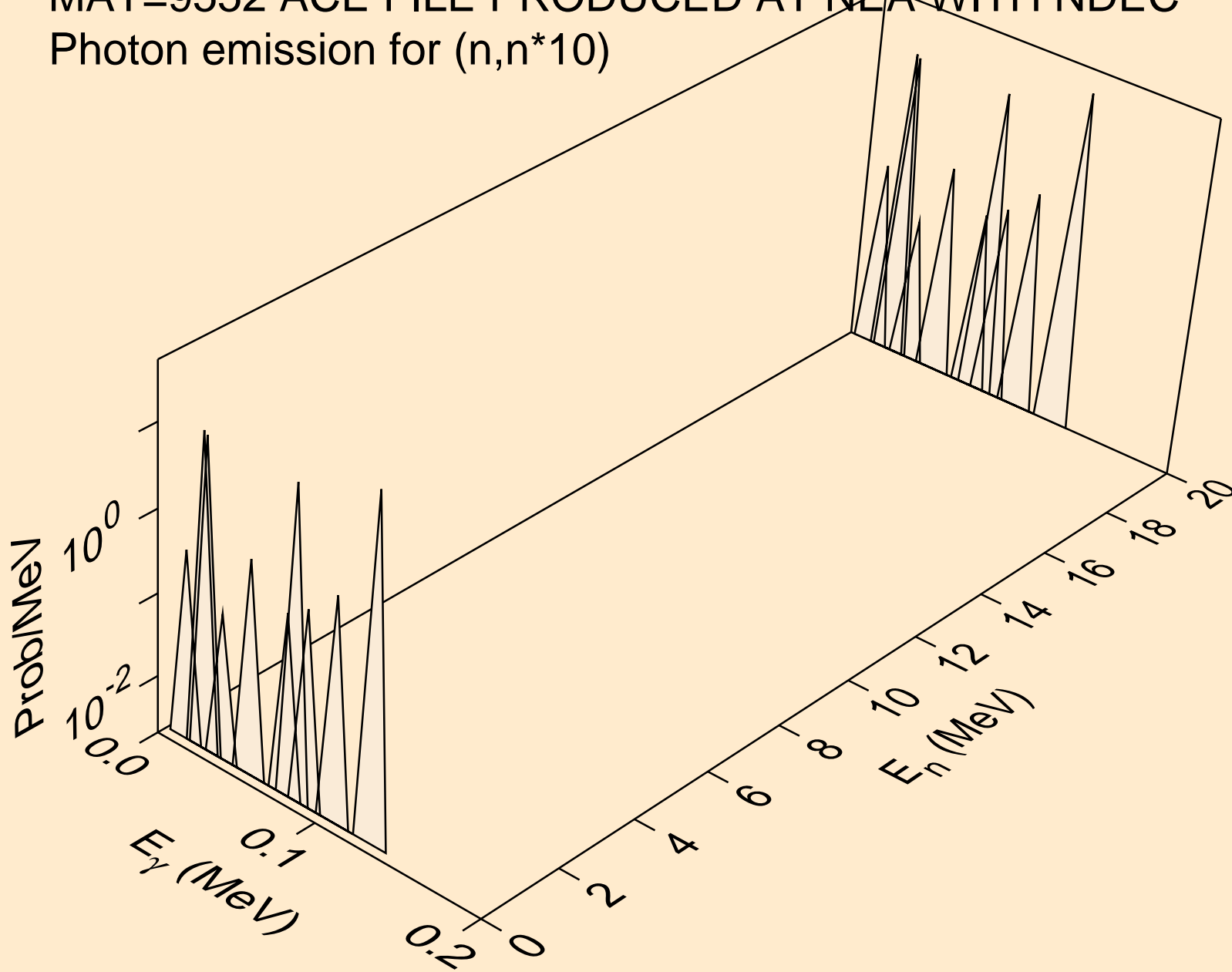


MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*9)

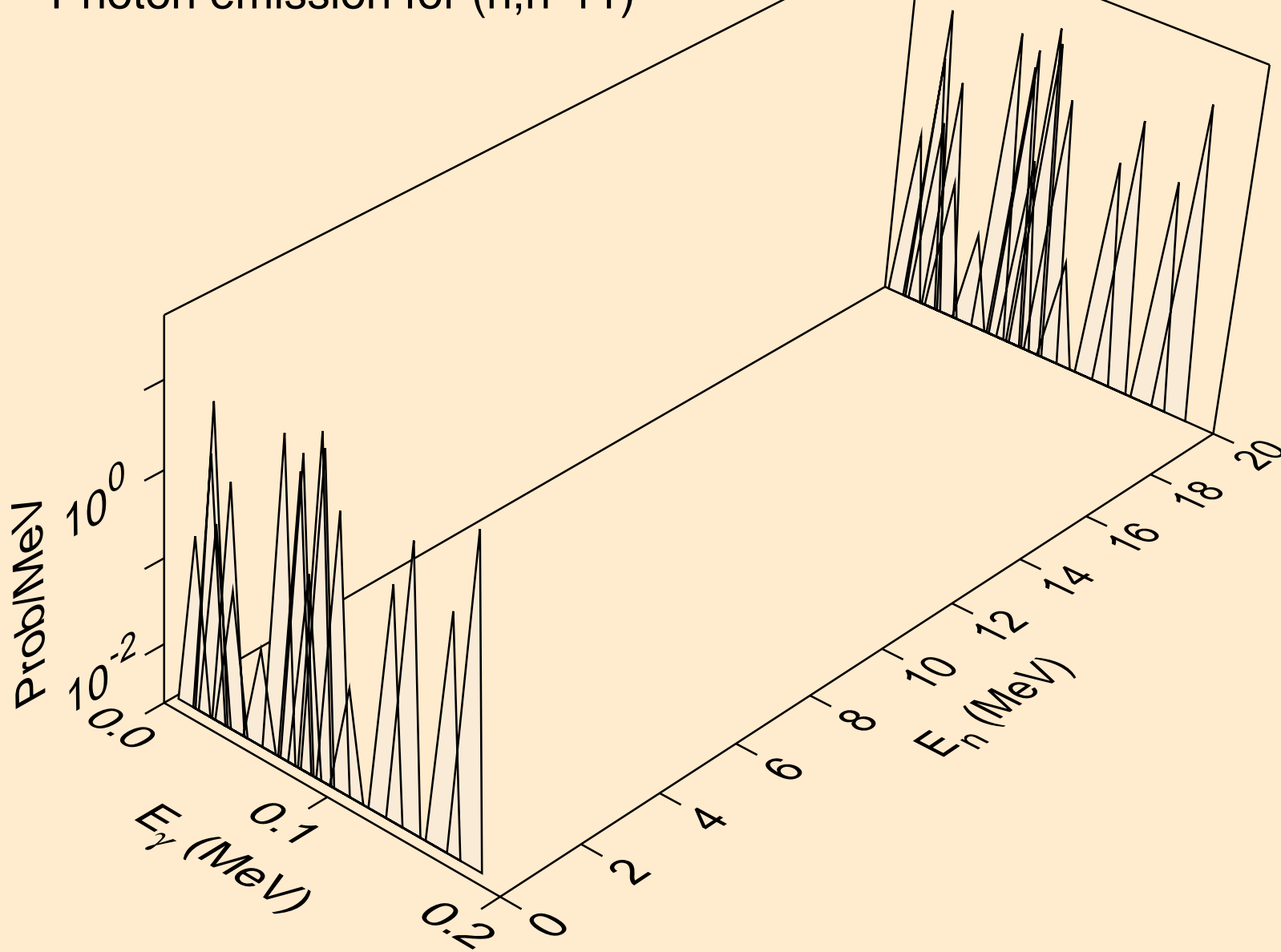




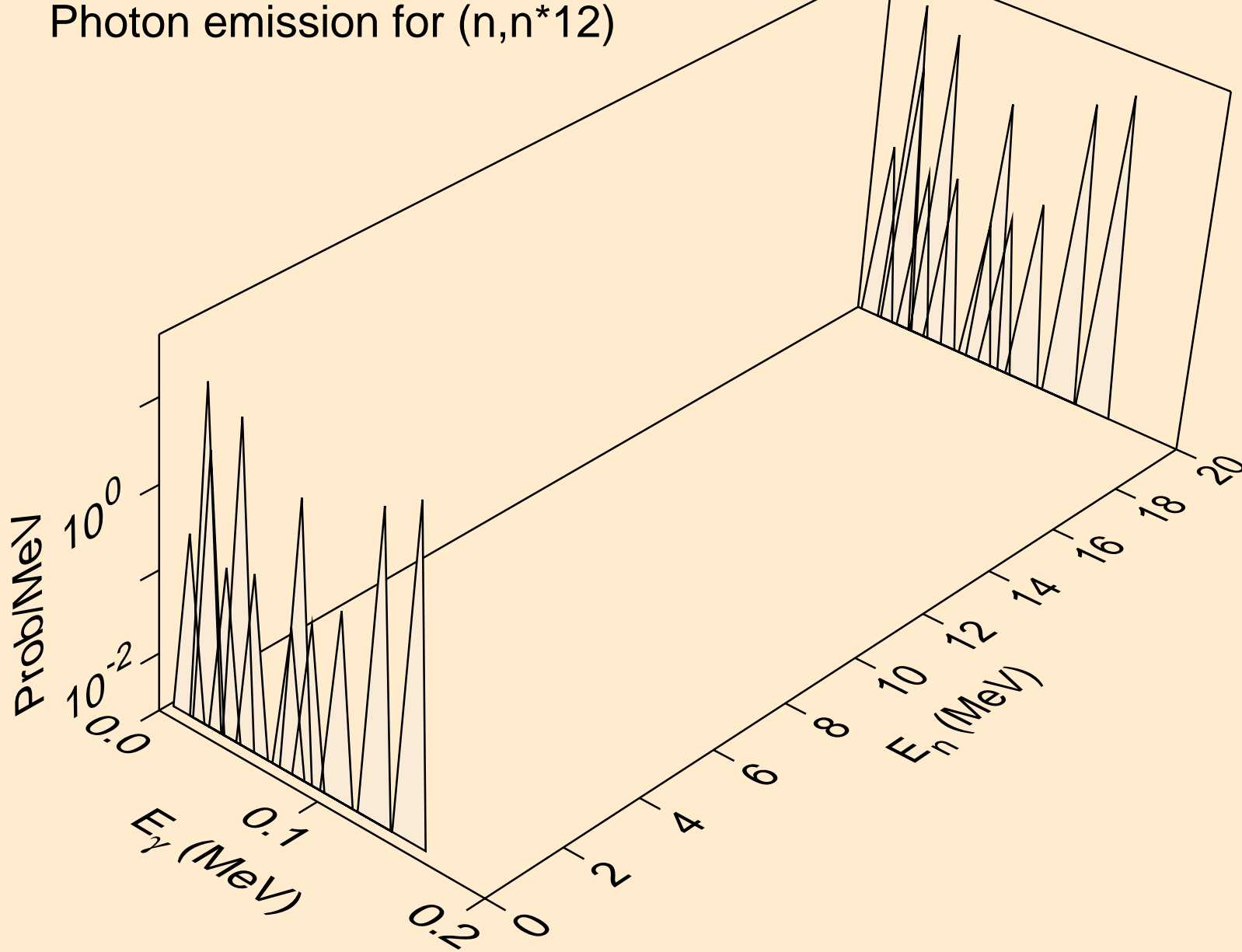
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Photon emission for (n,n\*10)



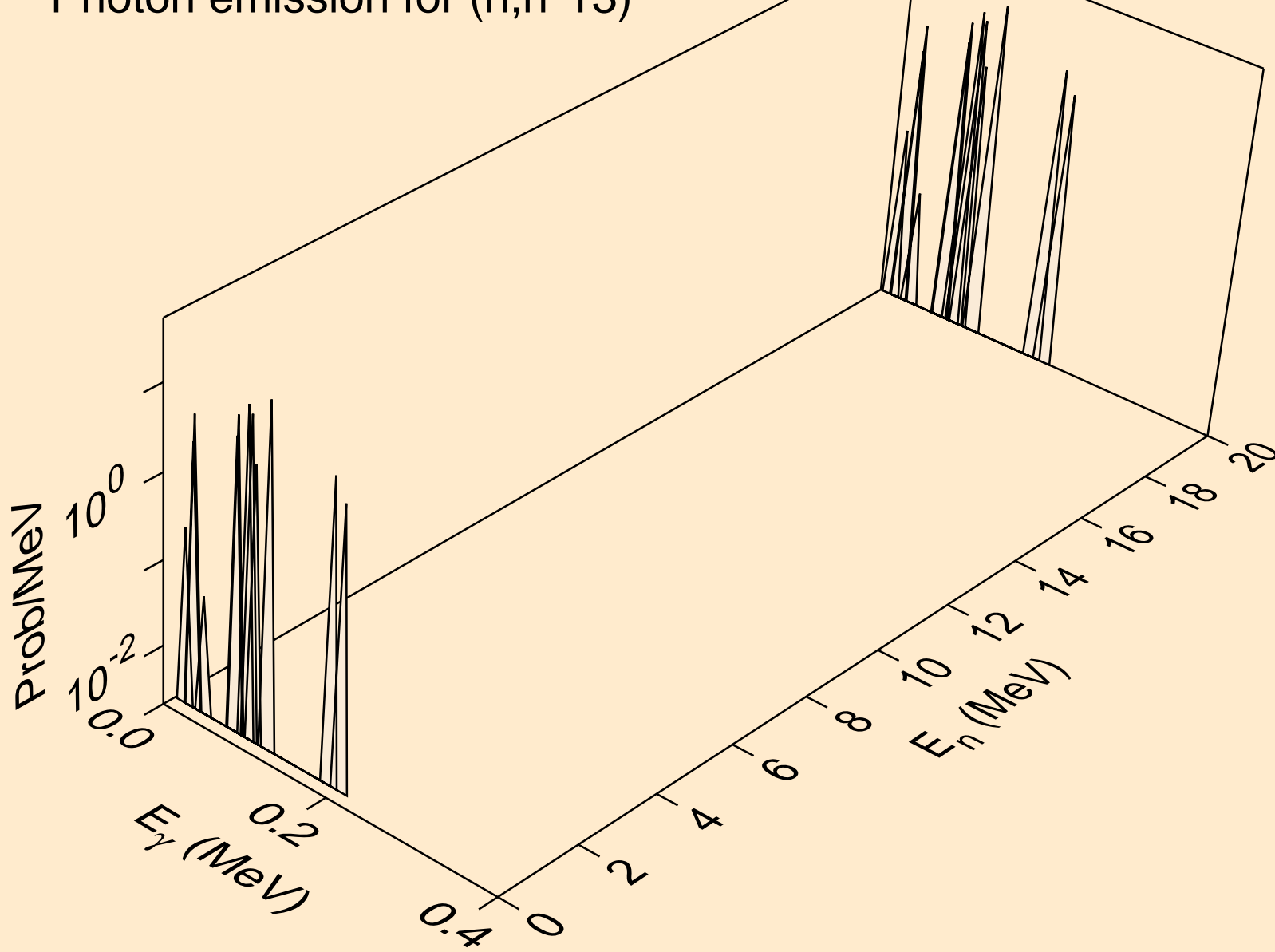
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Photon emission for (n,n\*11)



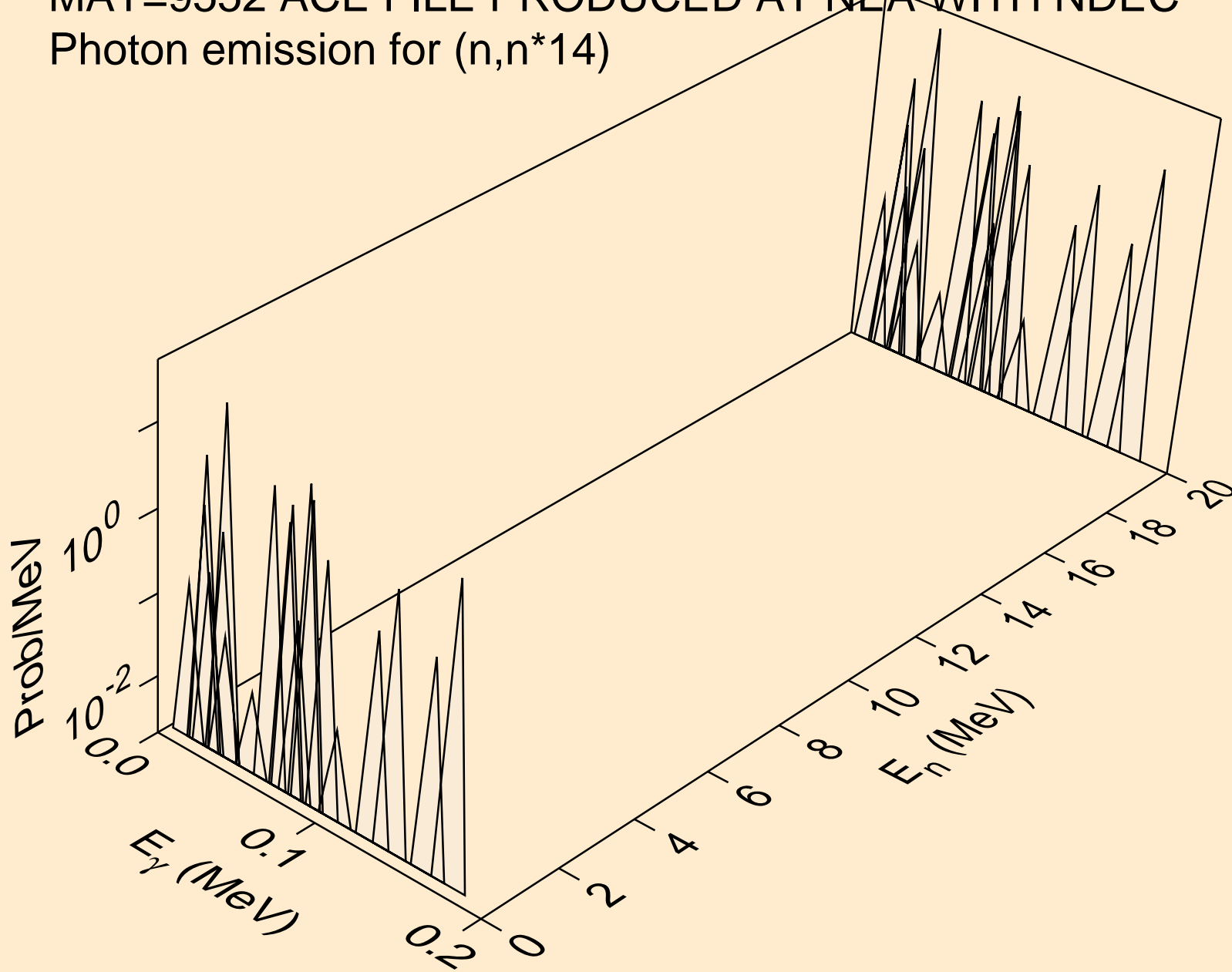
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Photon emission for (n,n\*12)



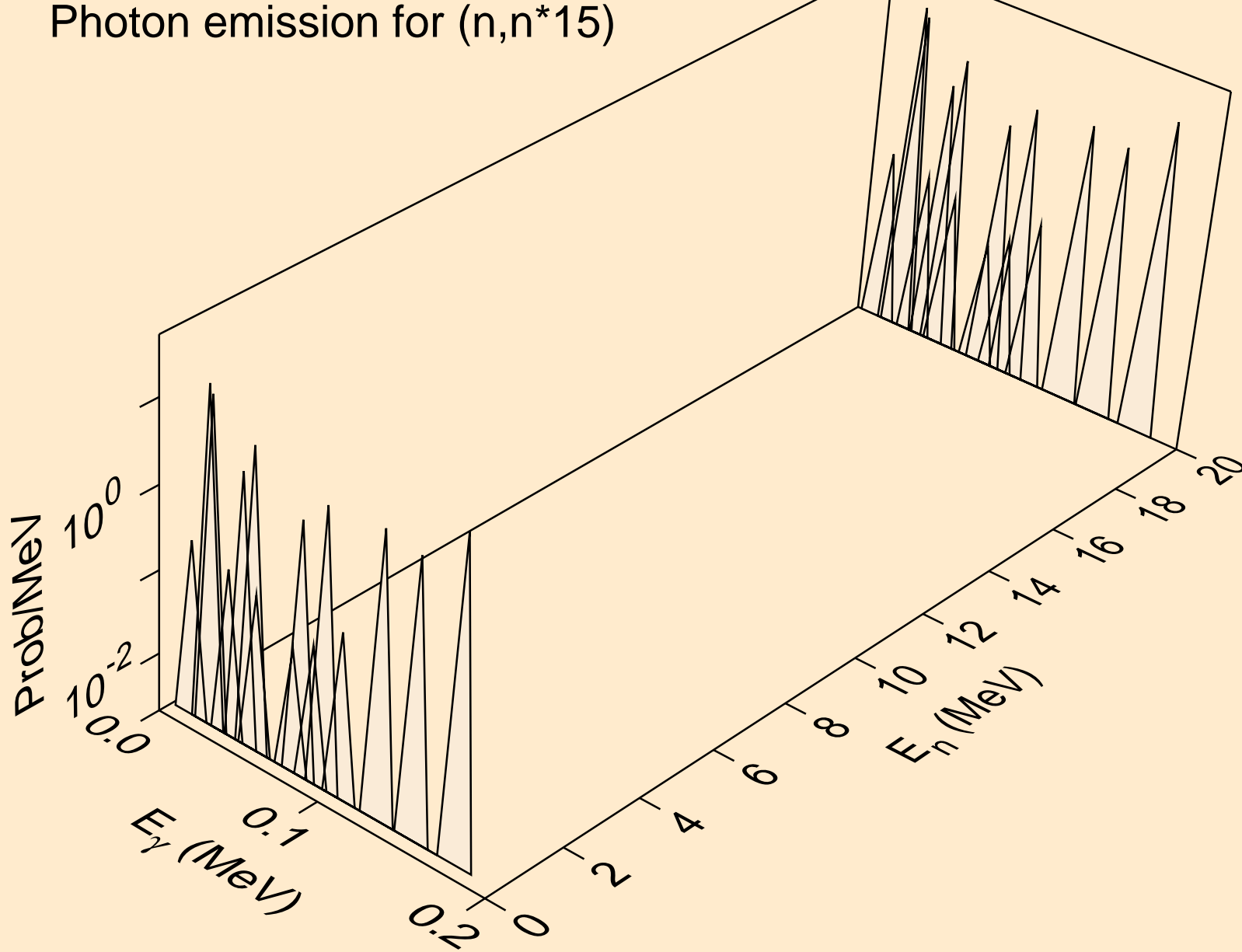
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Photon emission for (n,n\*13)



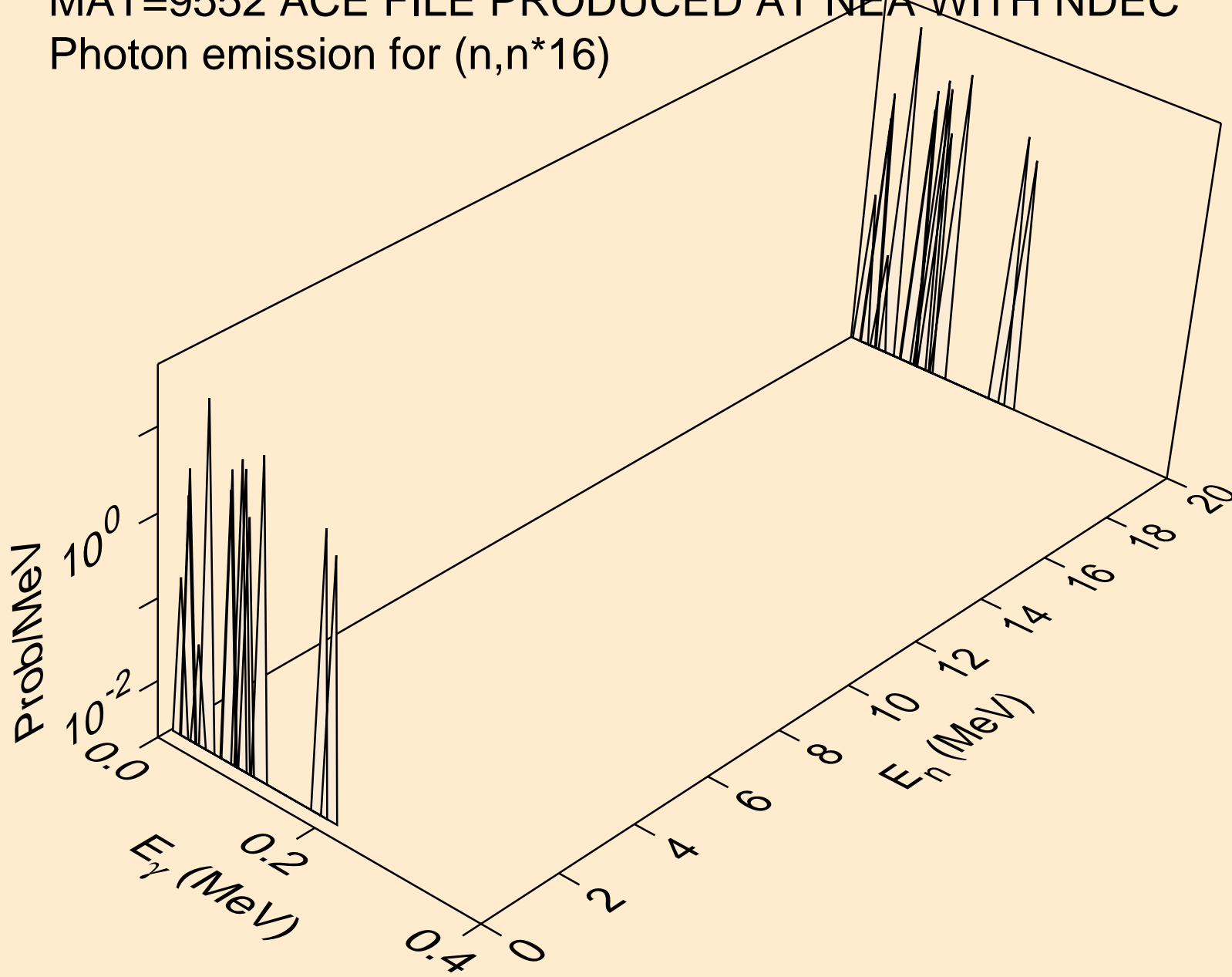
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Photon emission for (n,n\*14)



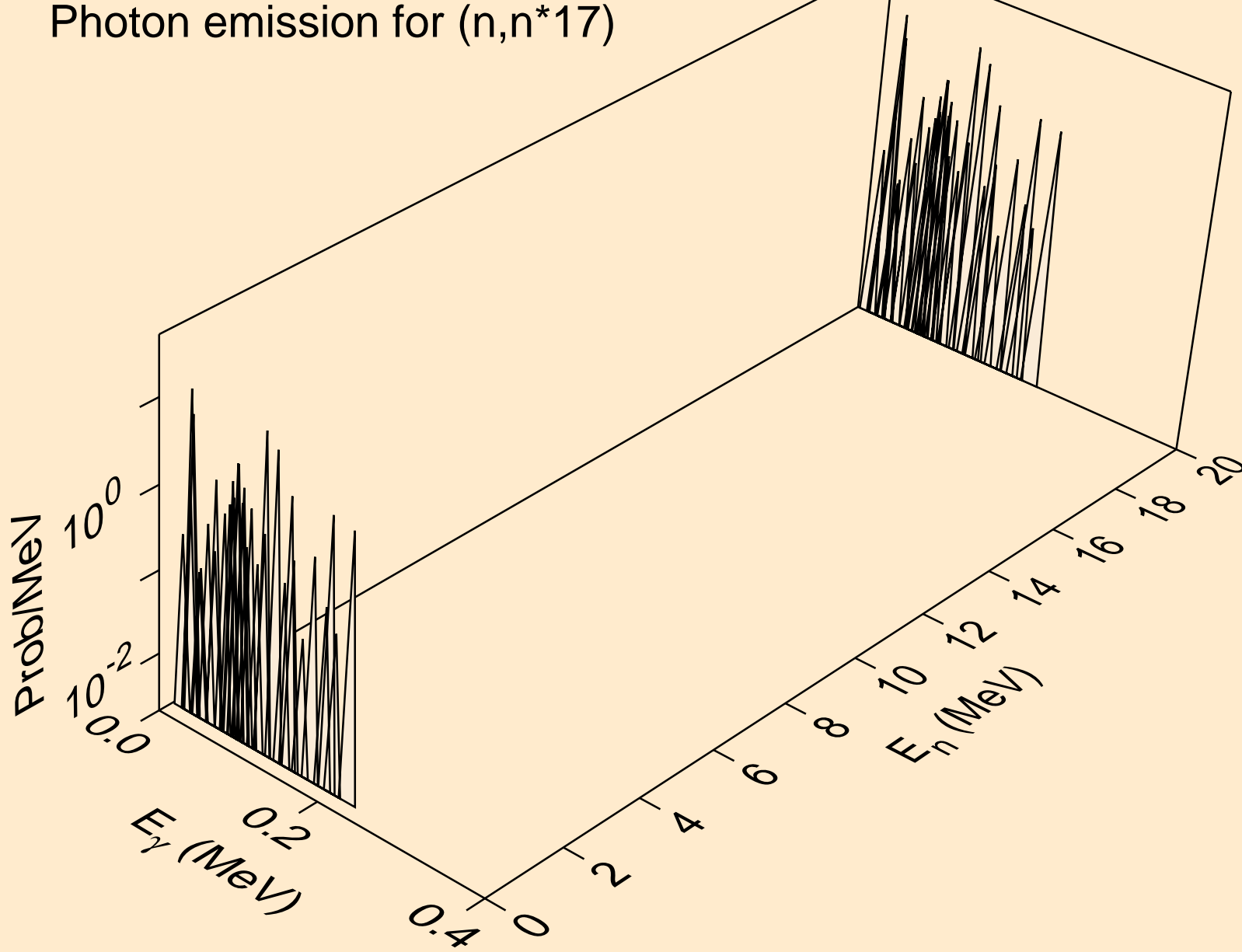
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*15)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*16)

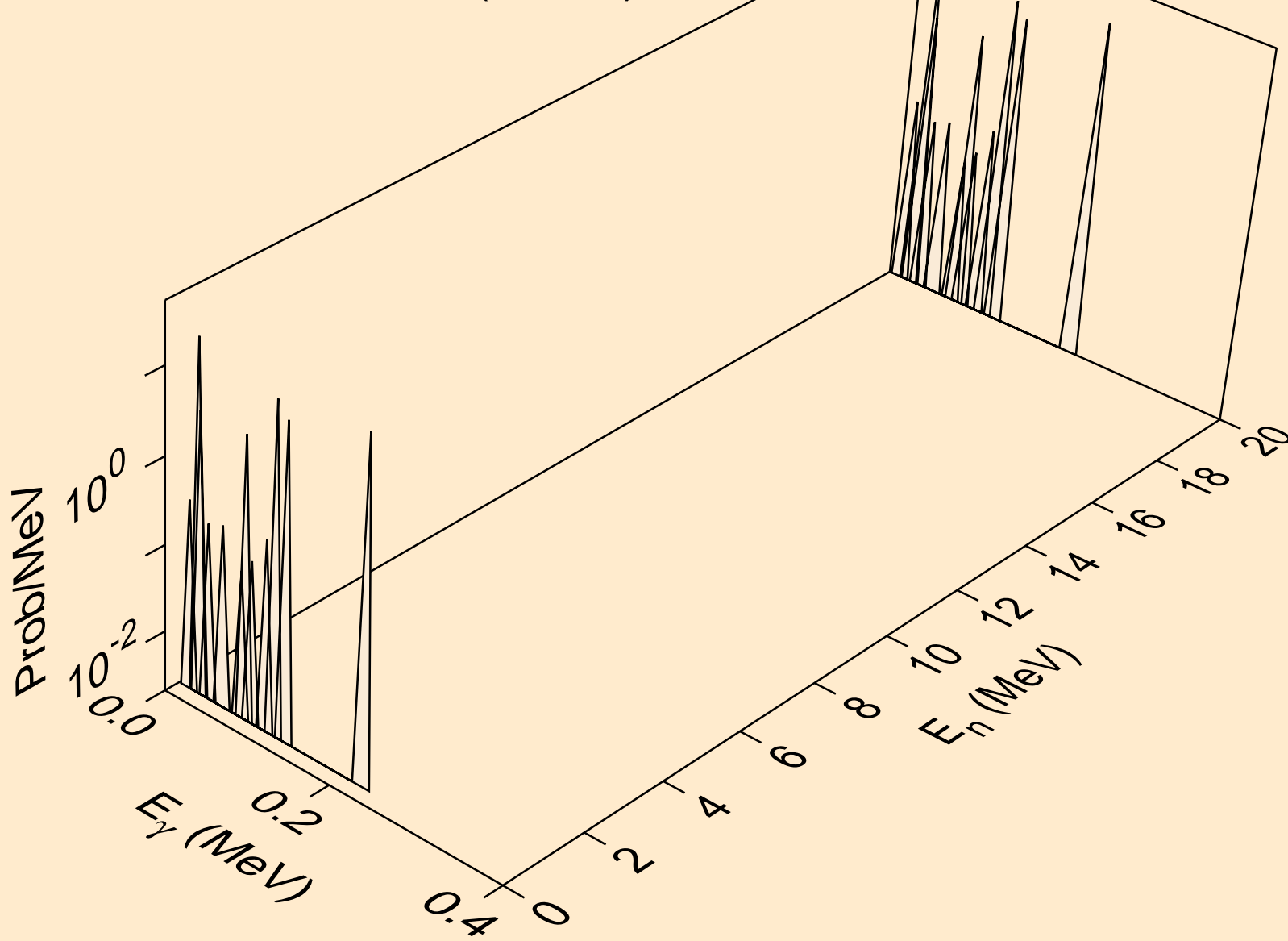


MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*17)

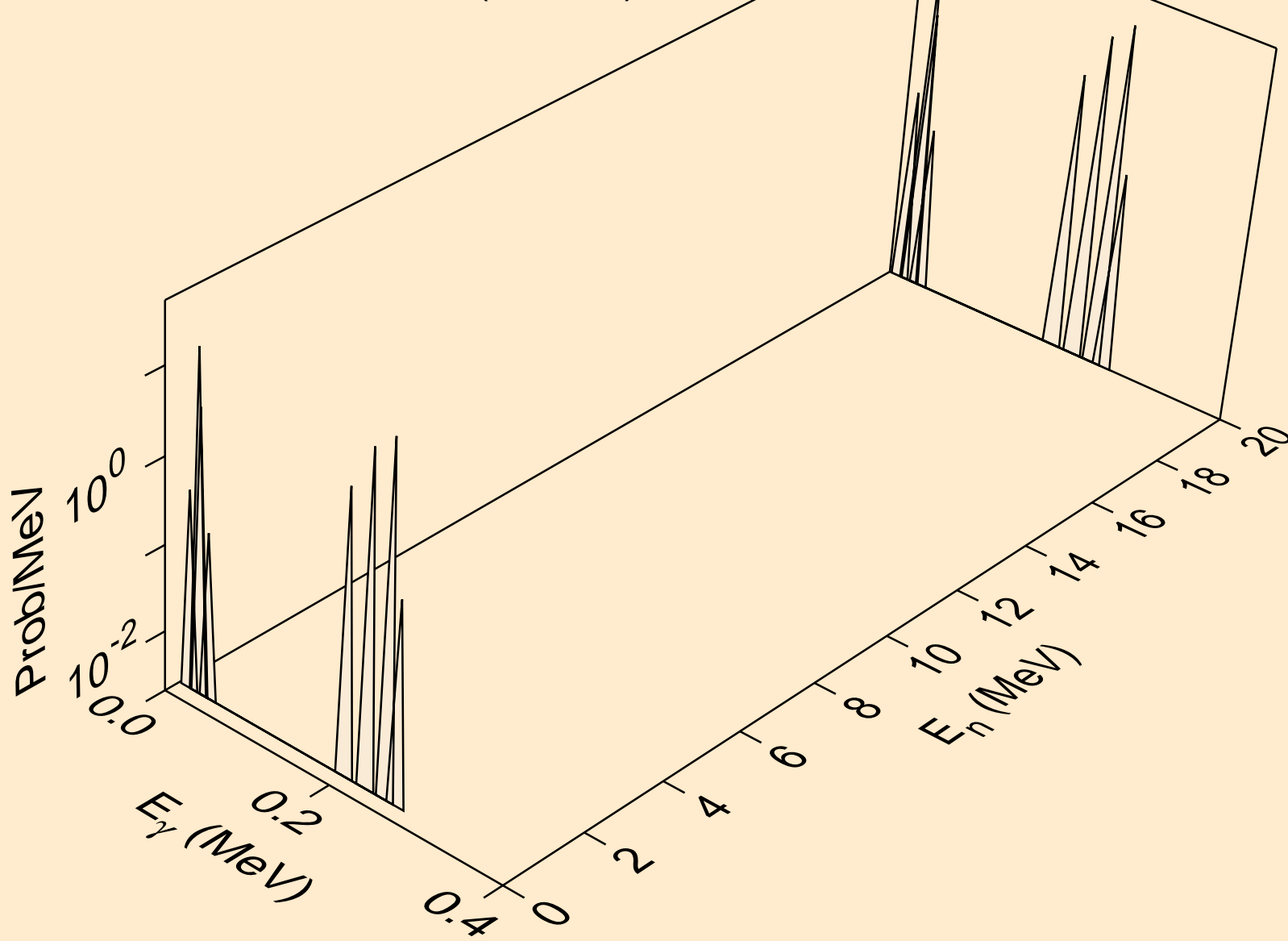




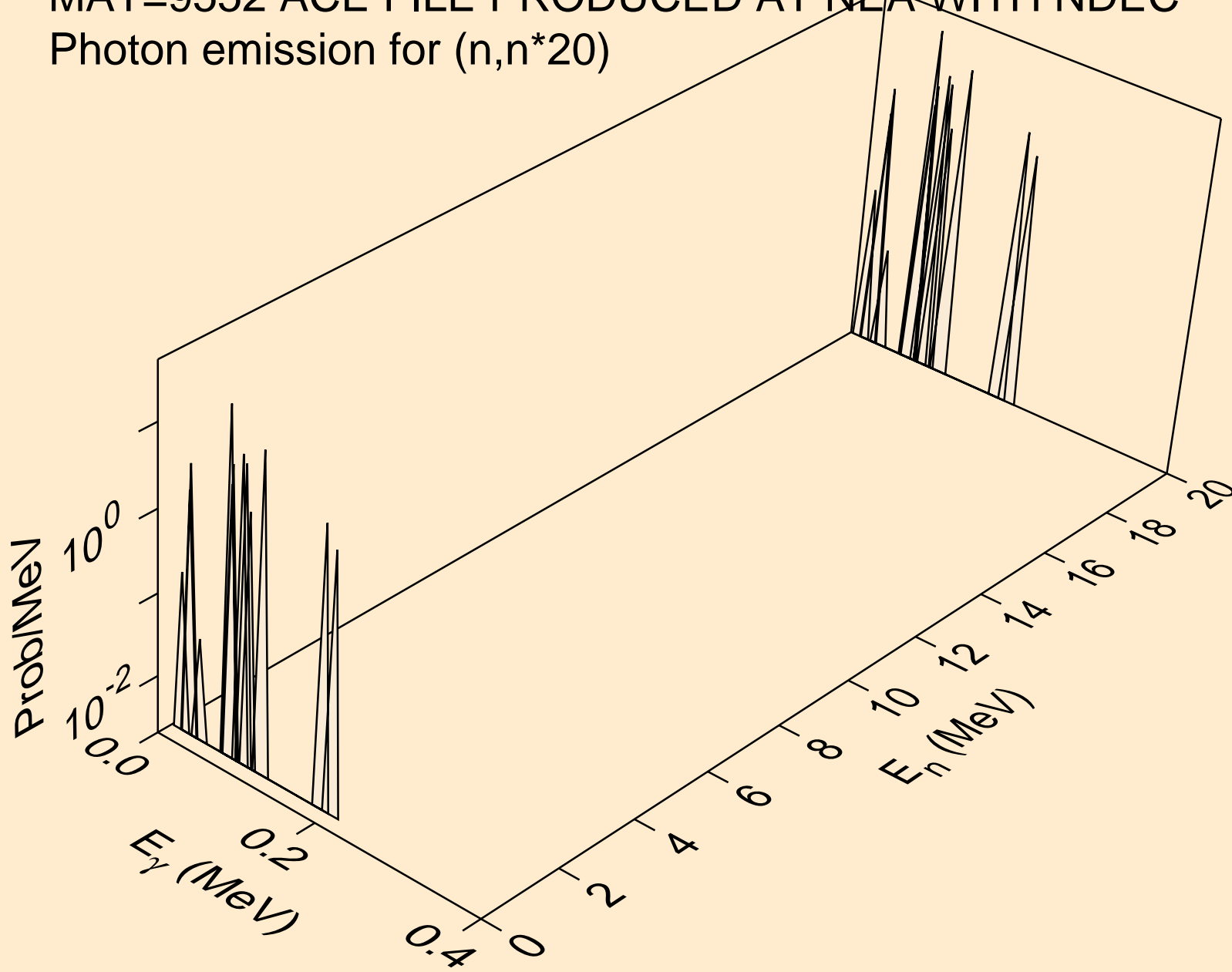
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Photon emission for (n,n\*18)



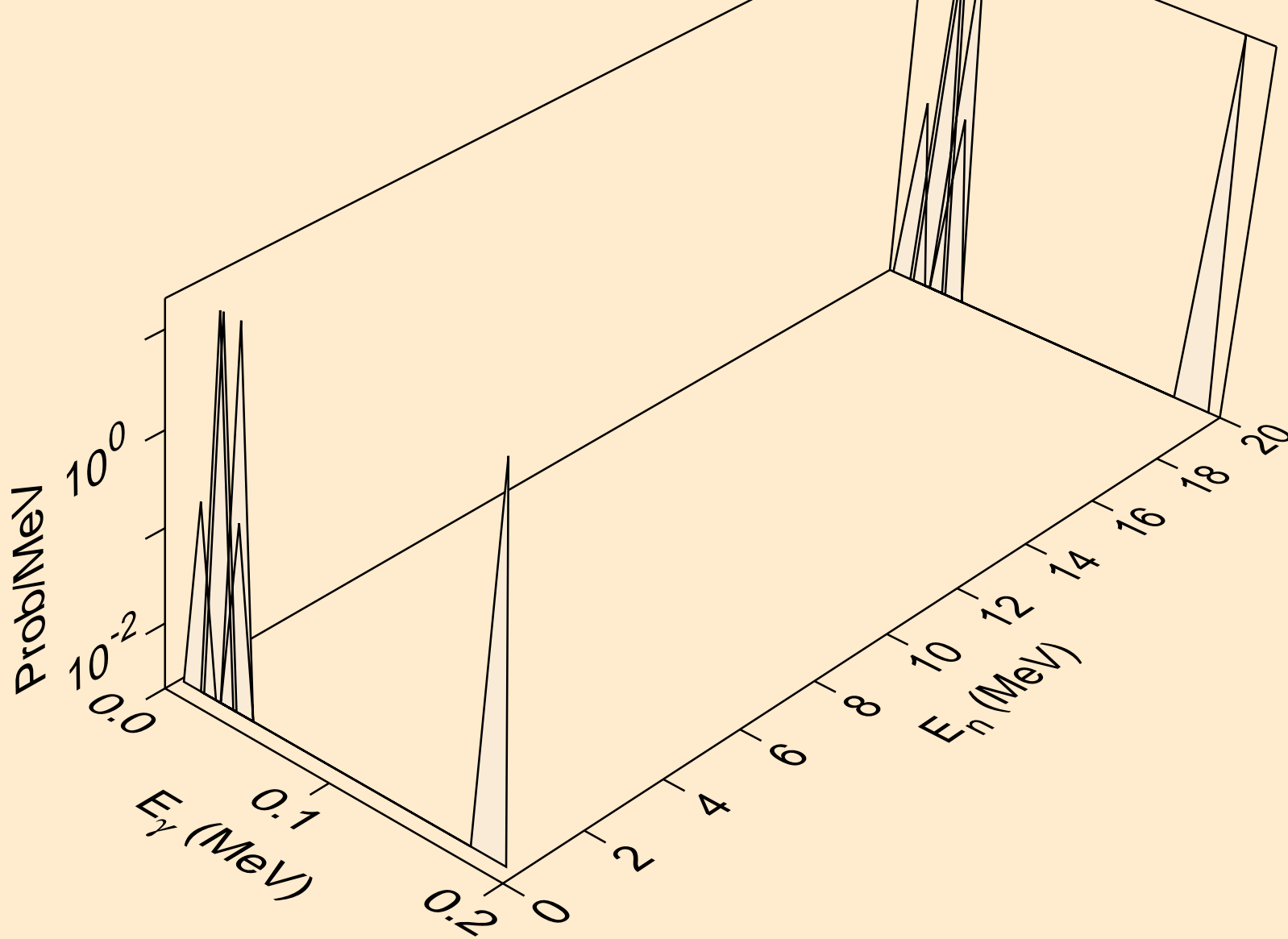
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Photon emission for (n,n\*19)



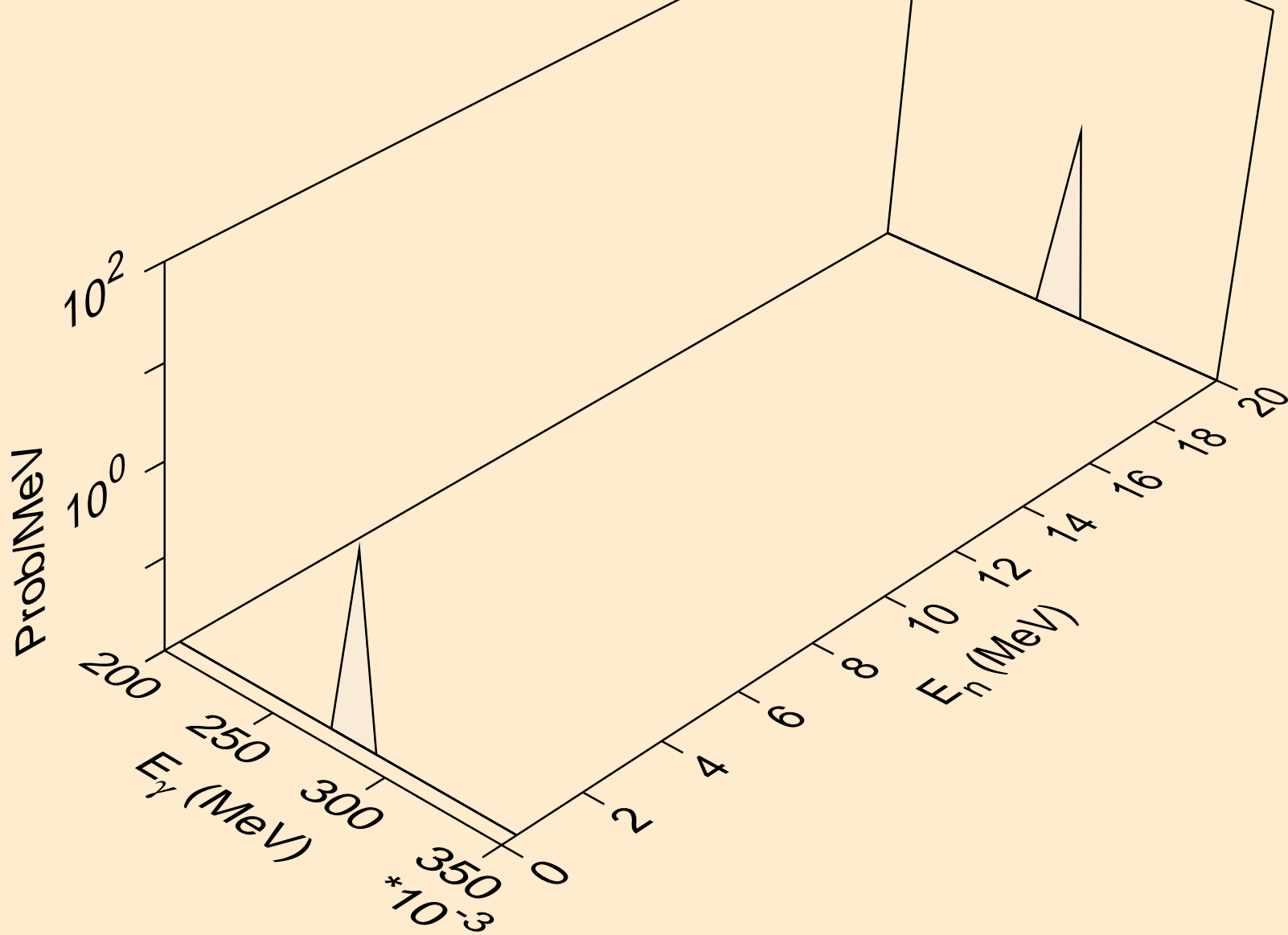
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Photon emission for (n,n\*20)



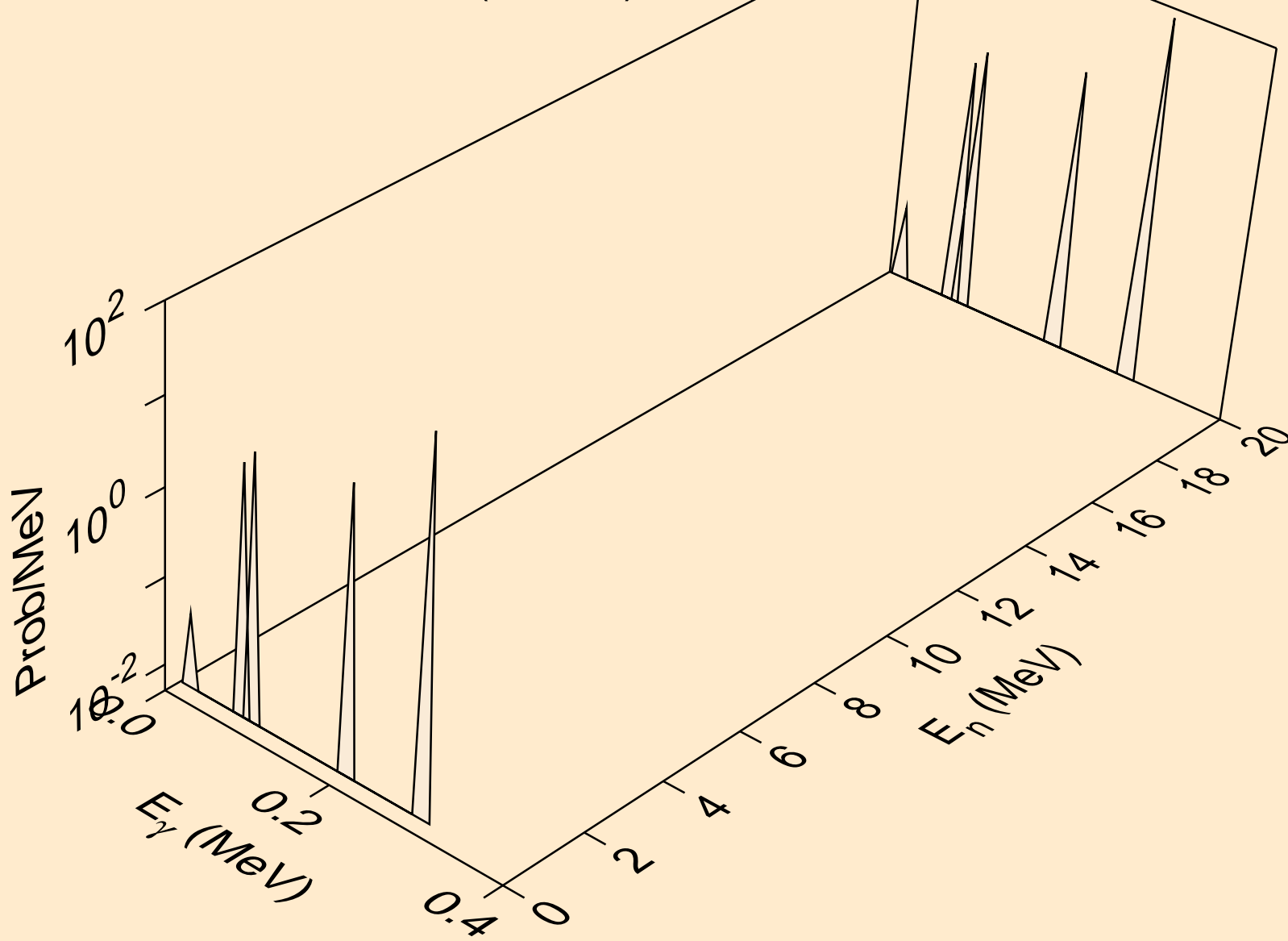
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Photon emission for (n,n\*21)



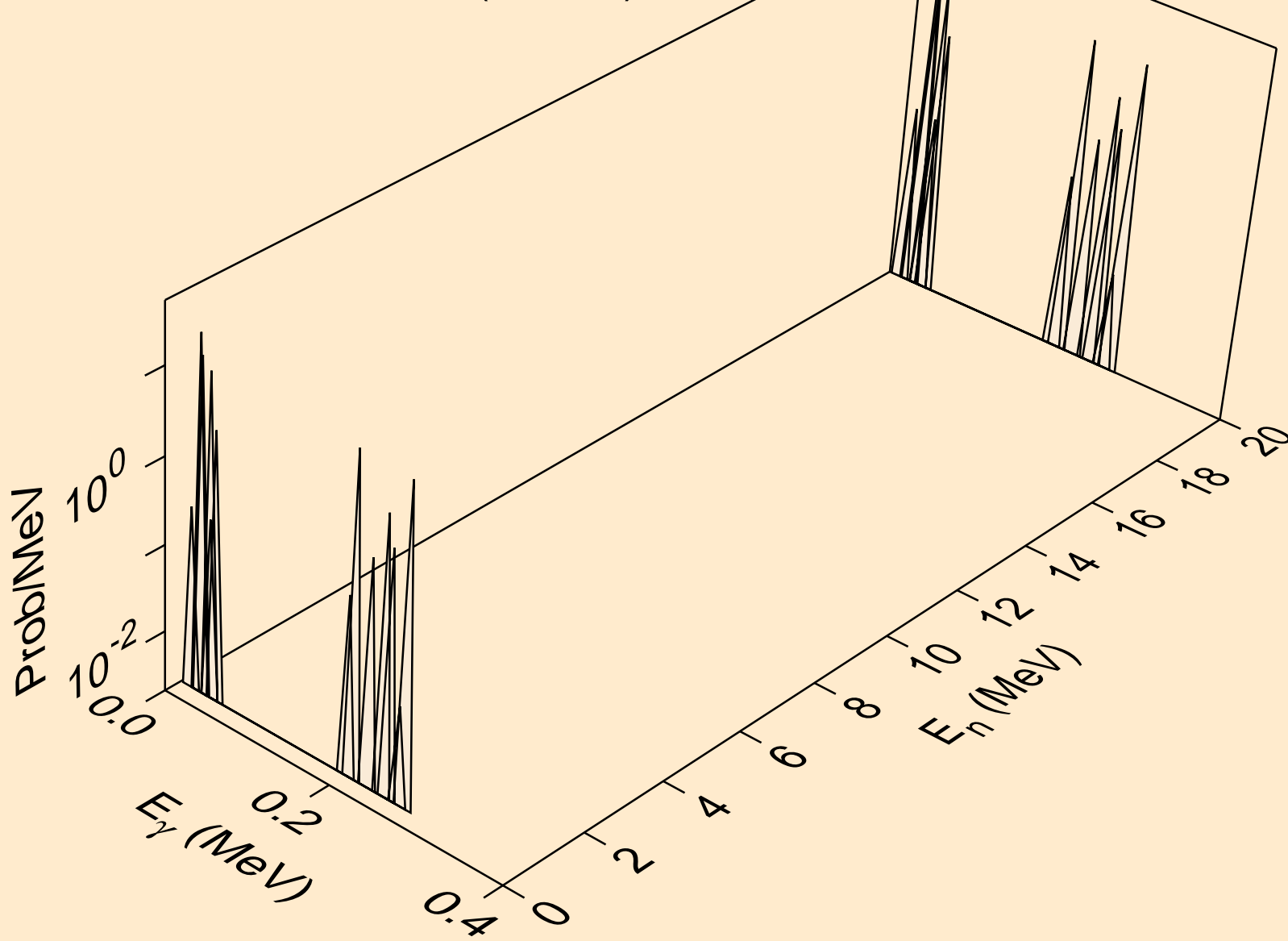
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Photon emission for (n,n\*22)



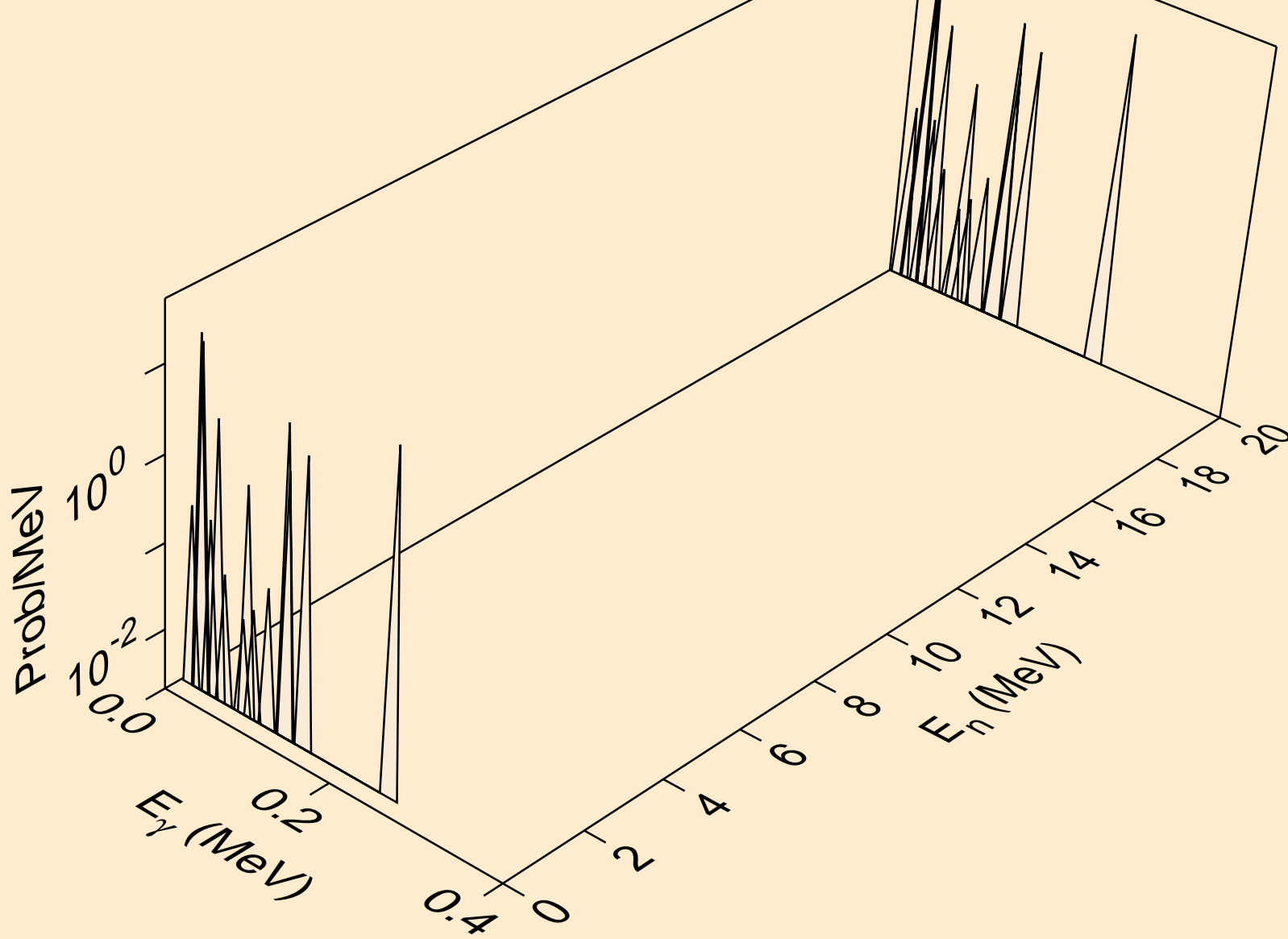
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Photon emission for (n,n\*23)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*24)

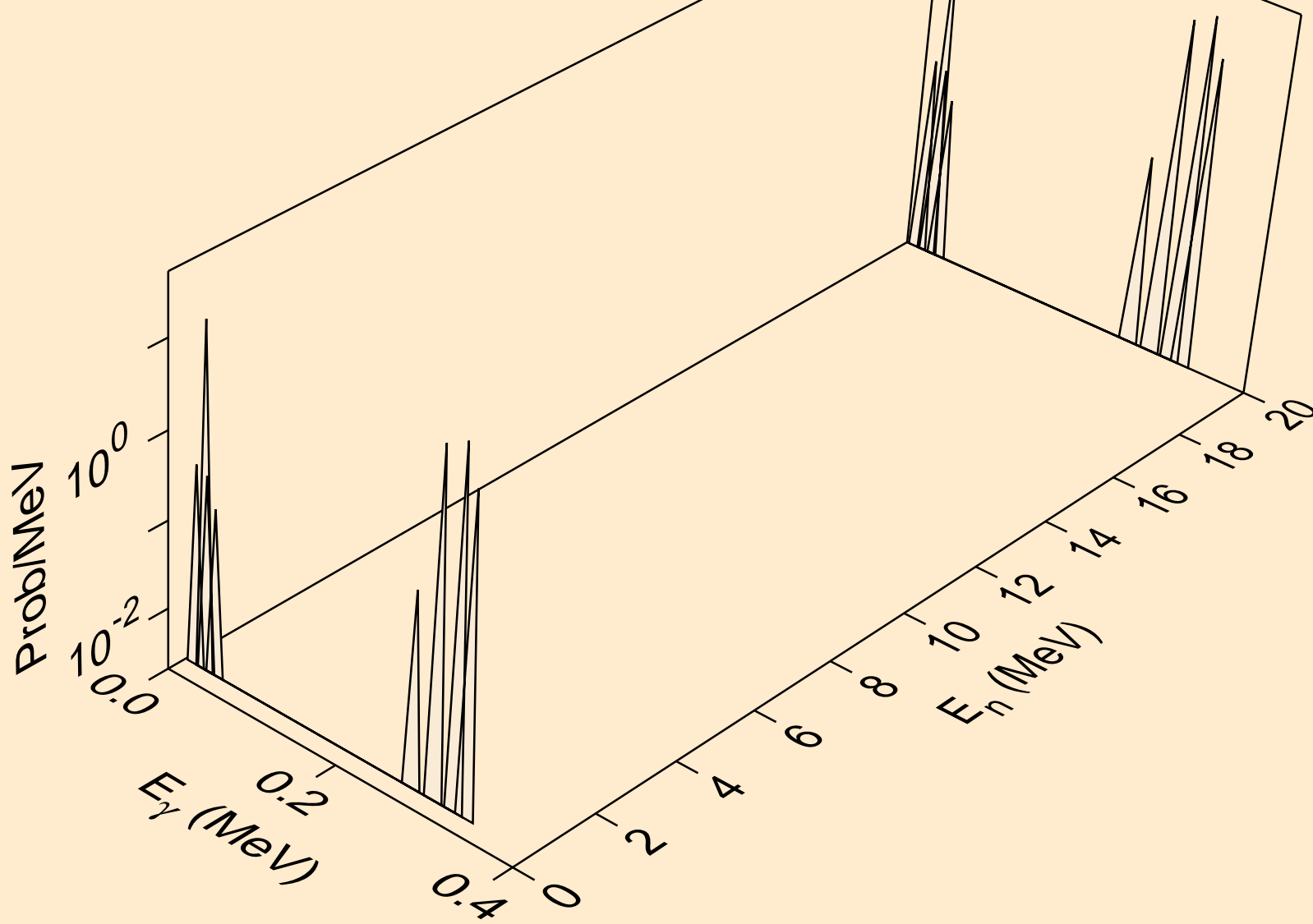


MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*25)

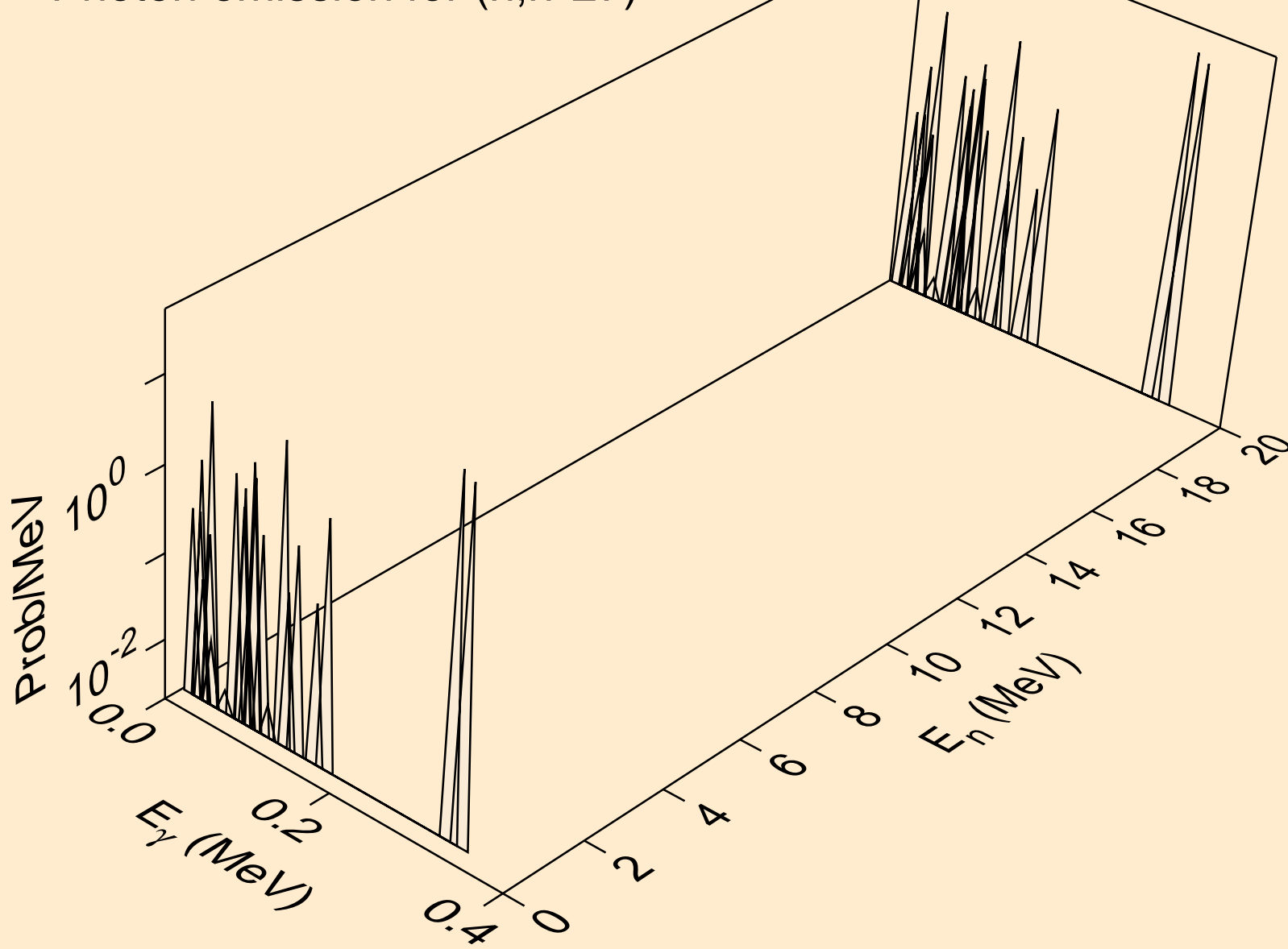




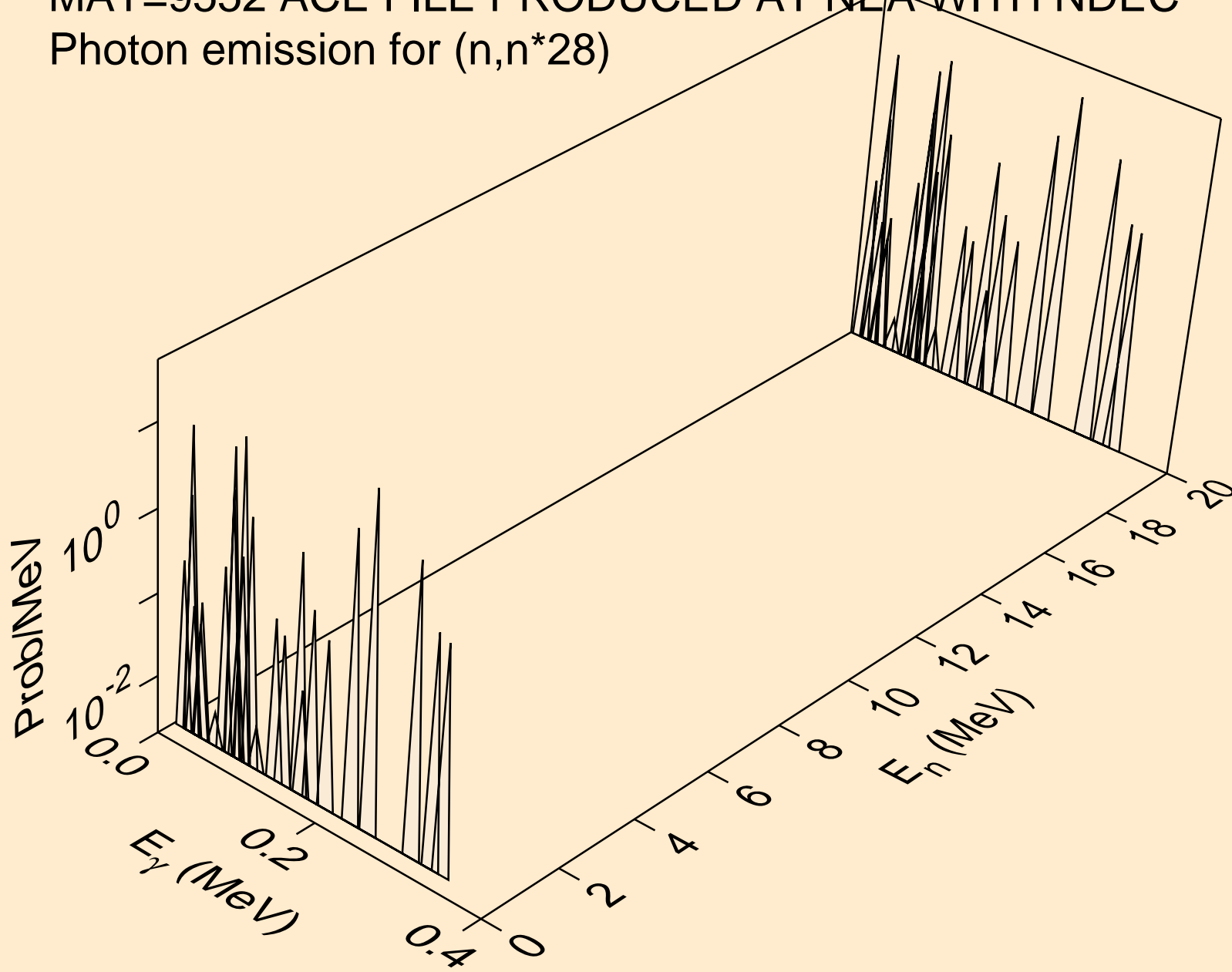
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Photon emission for (n,n\*26)



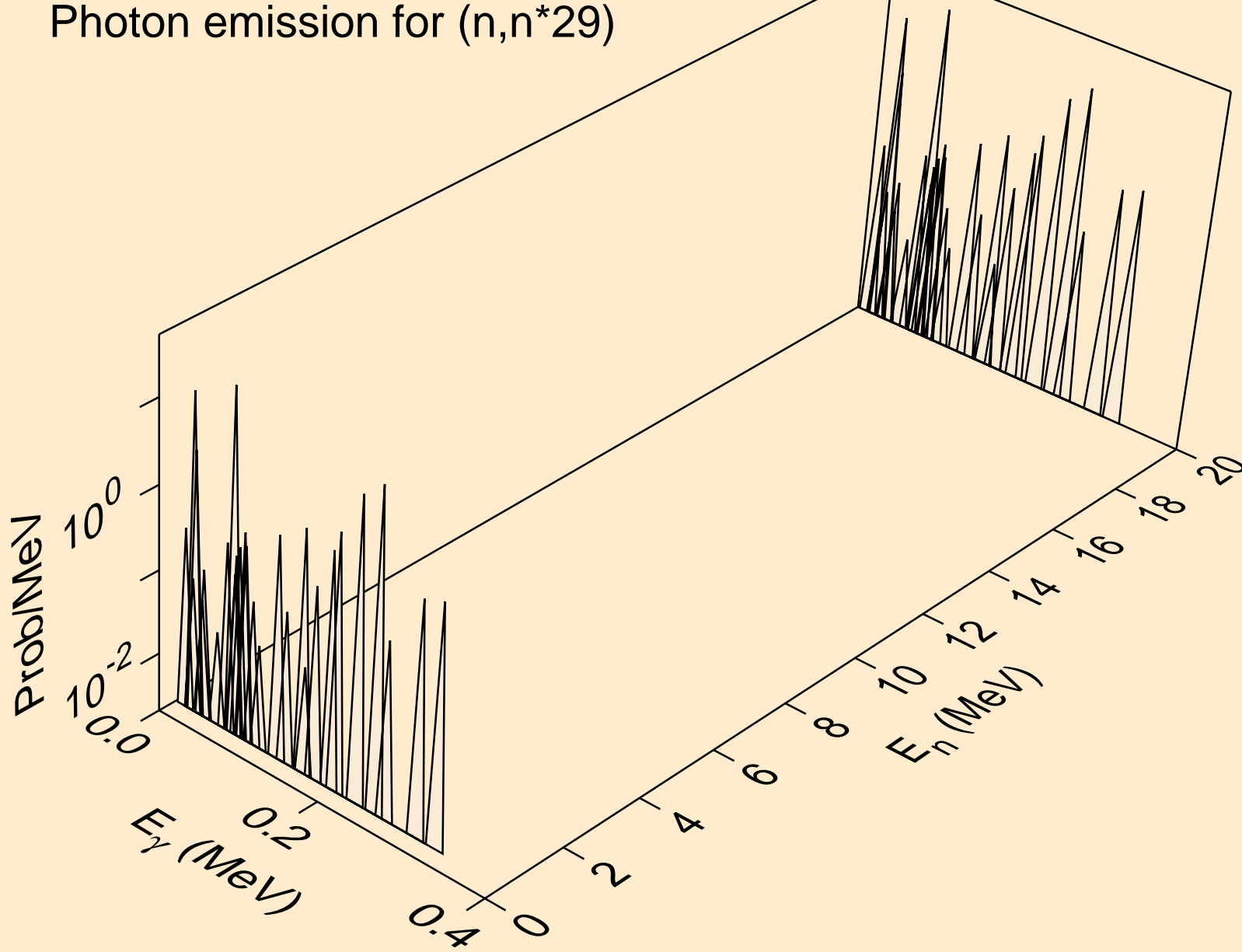
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*27)



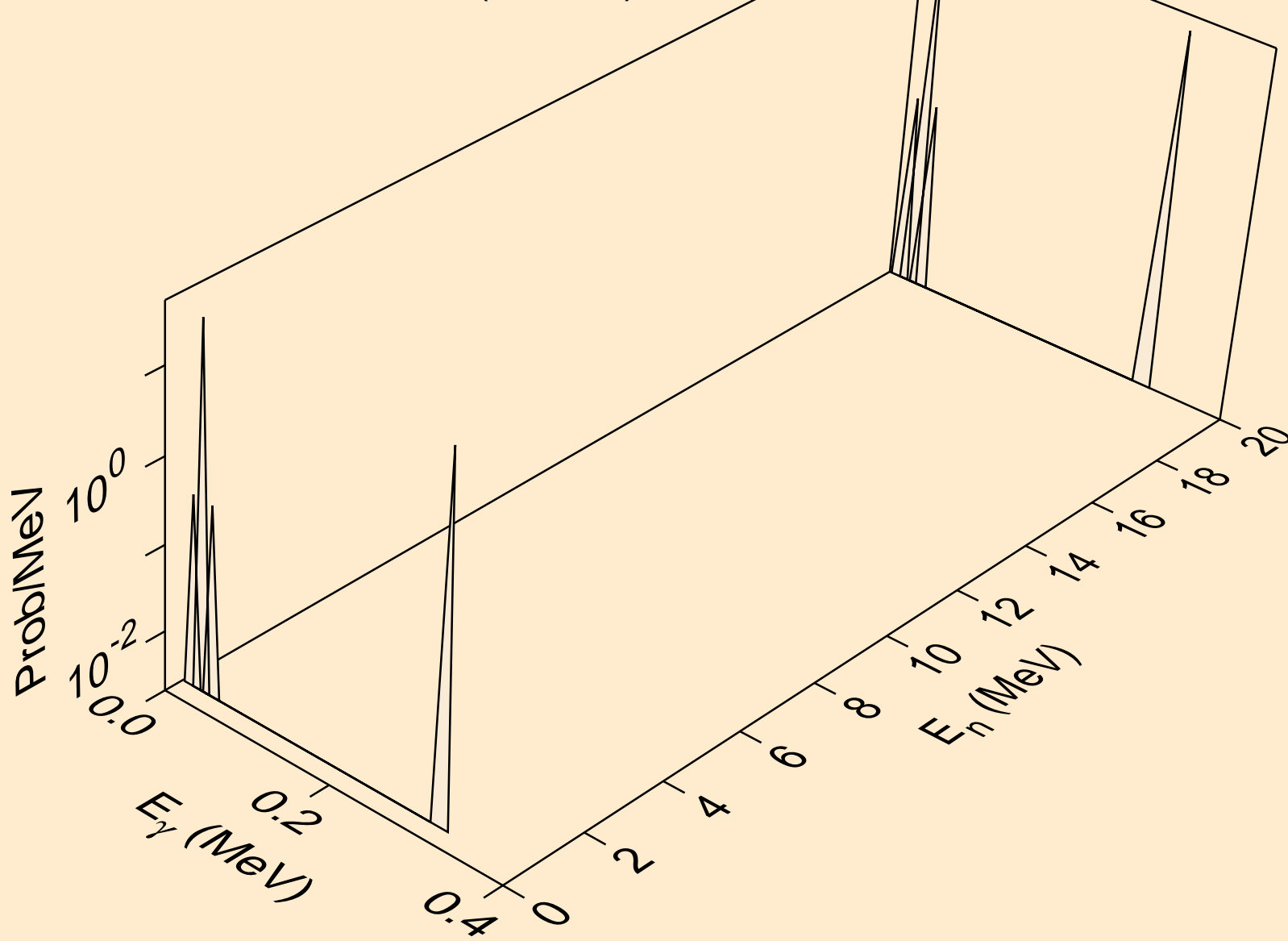
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*28)



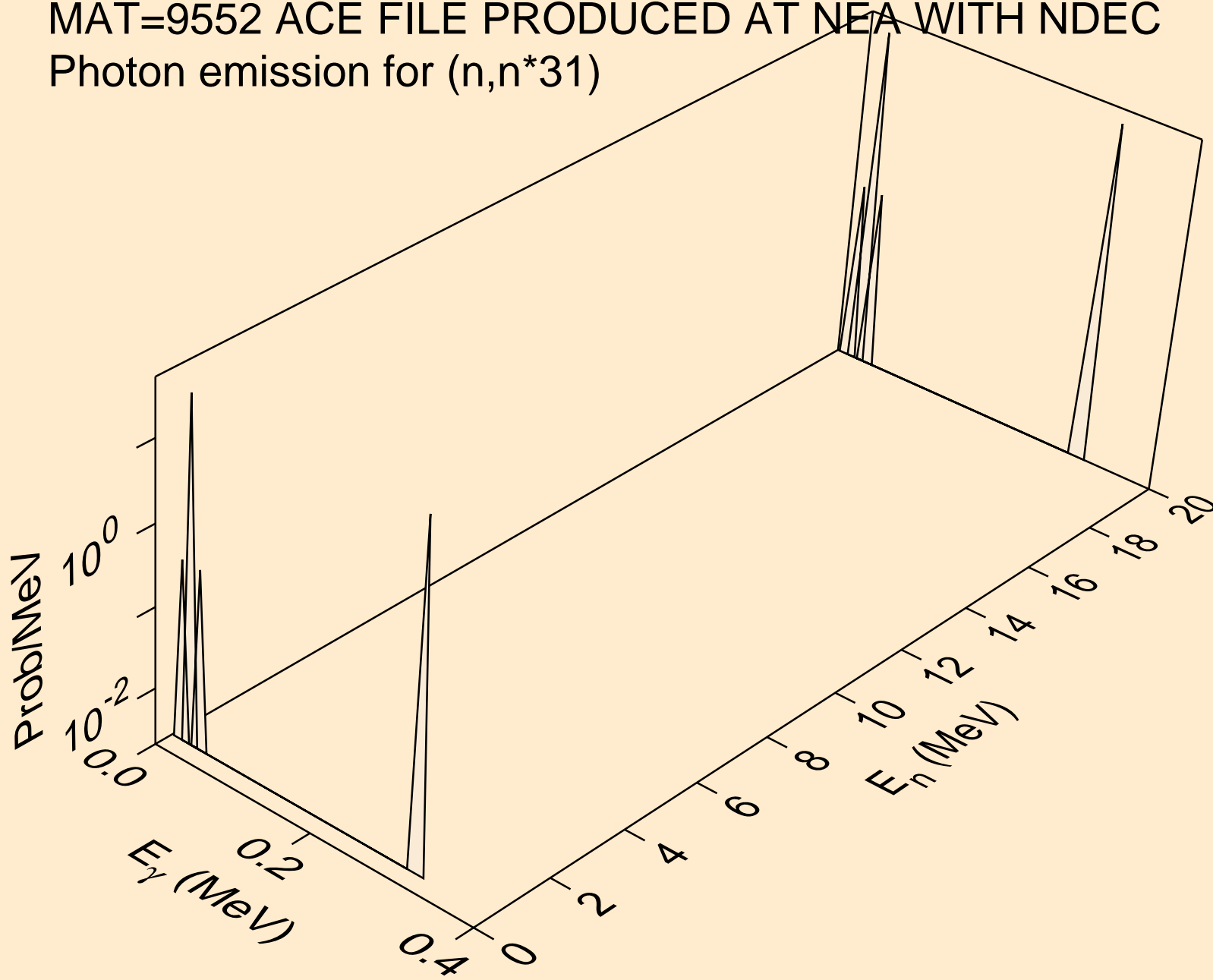
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*29)



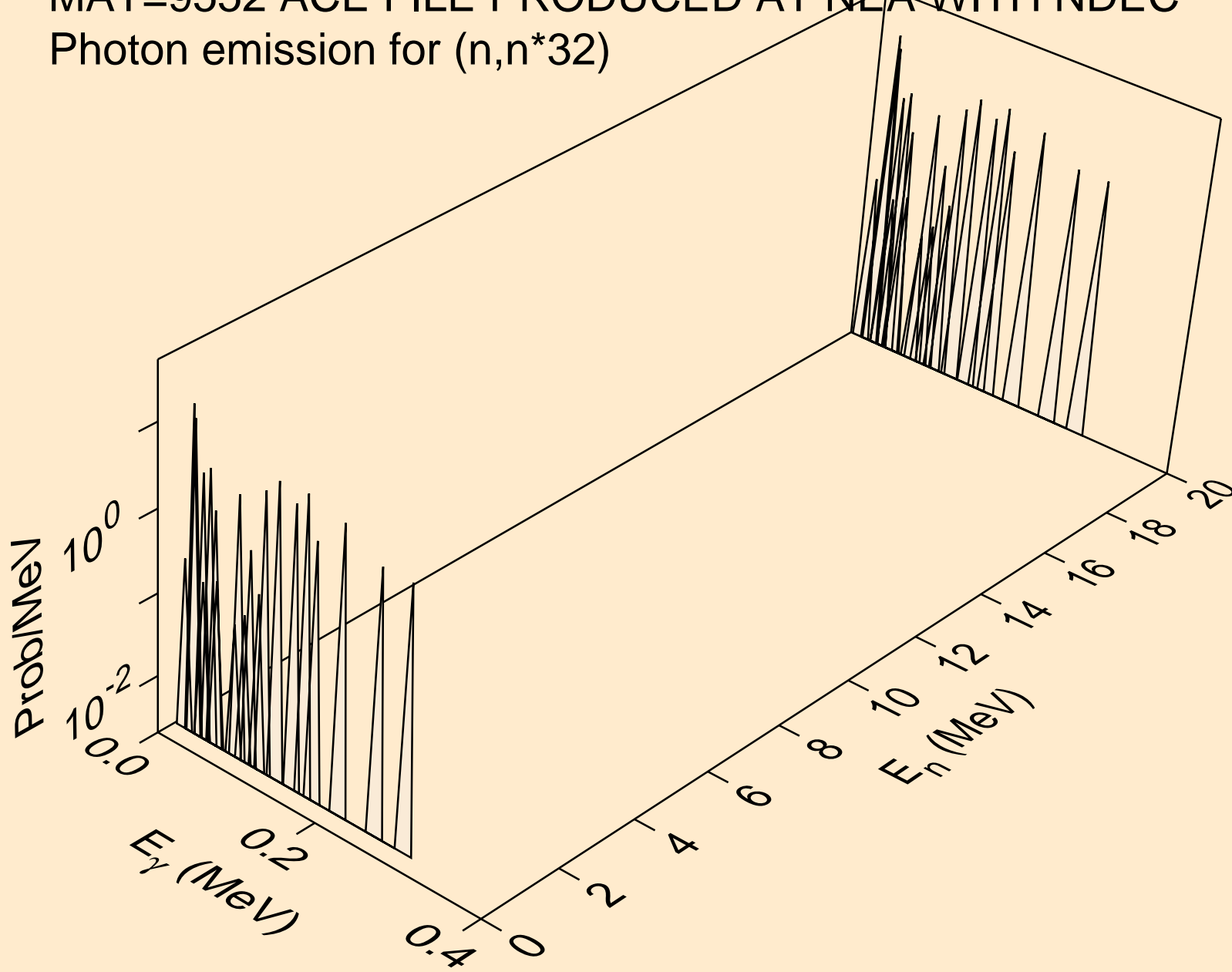
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*30)



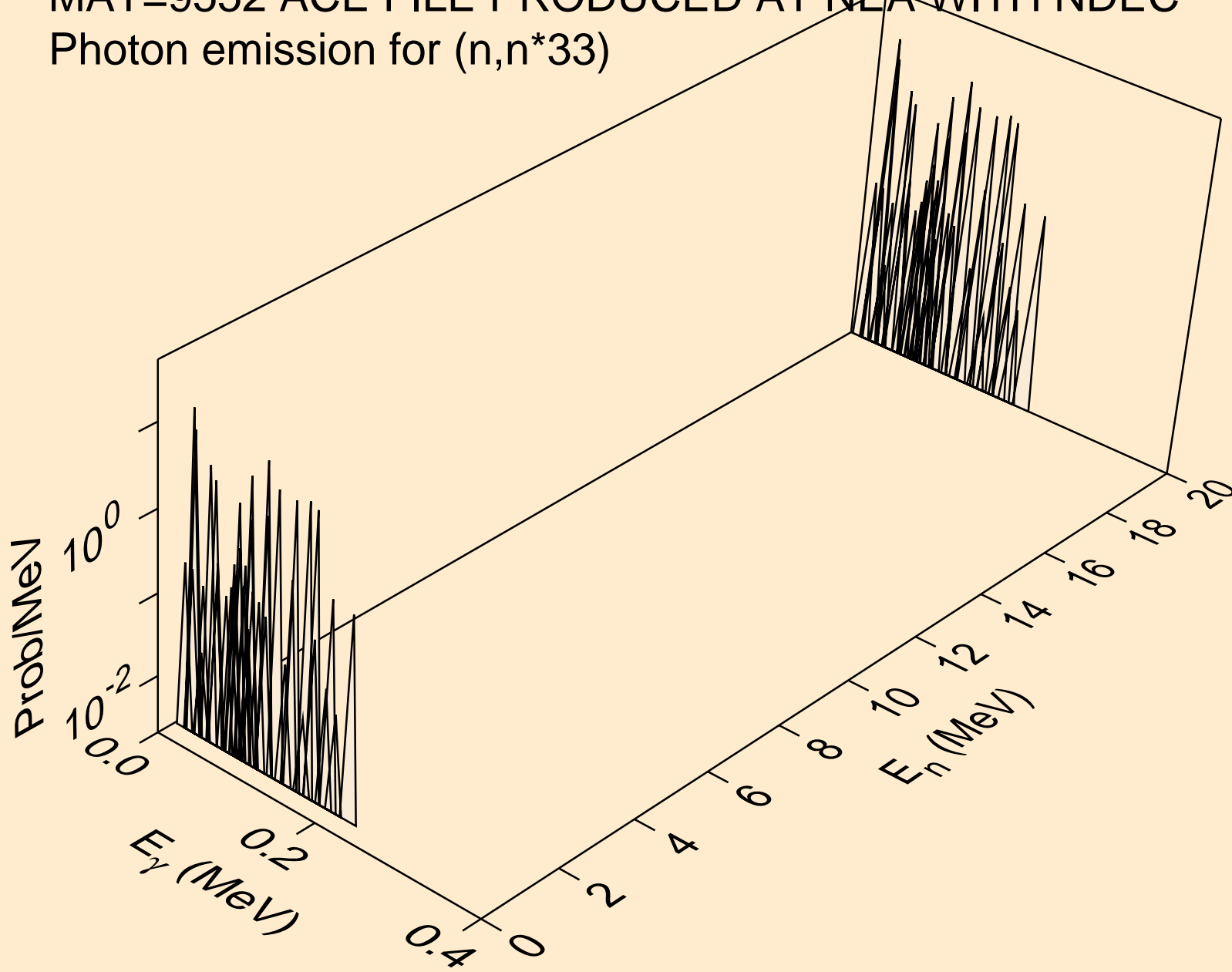
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*31)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*32)

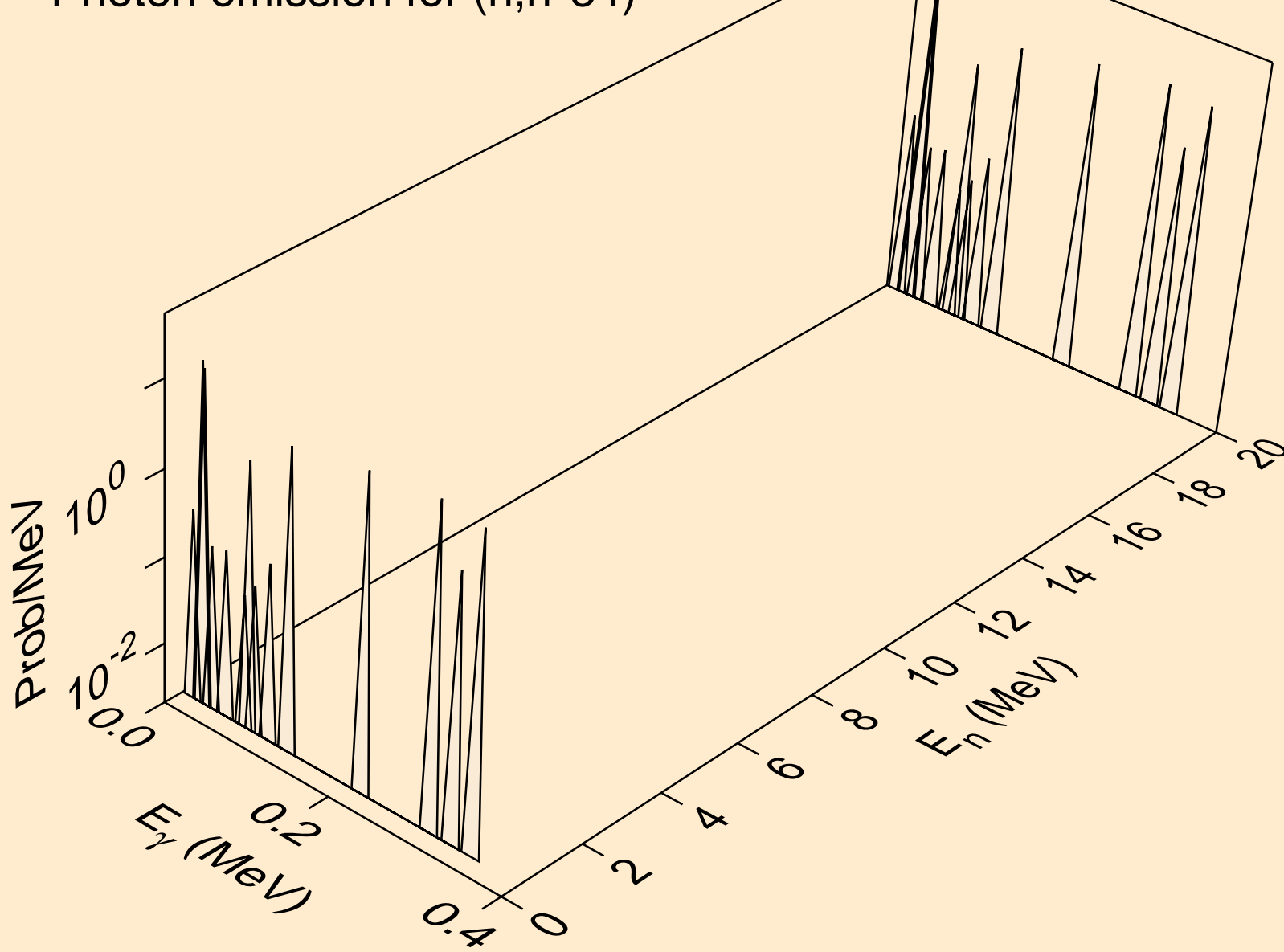


MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*33)

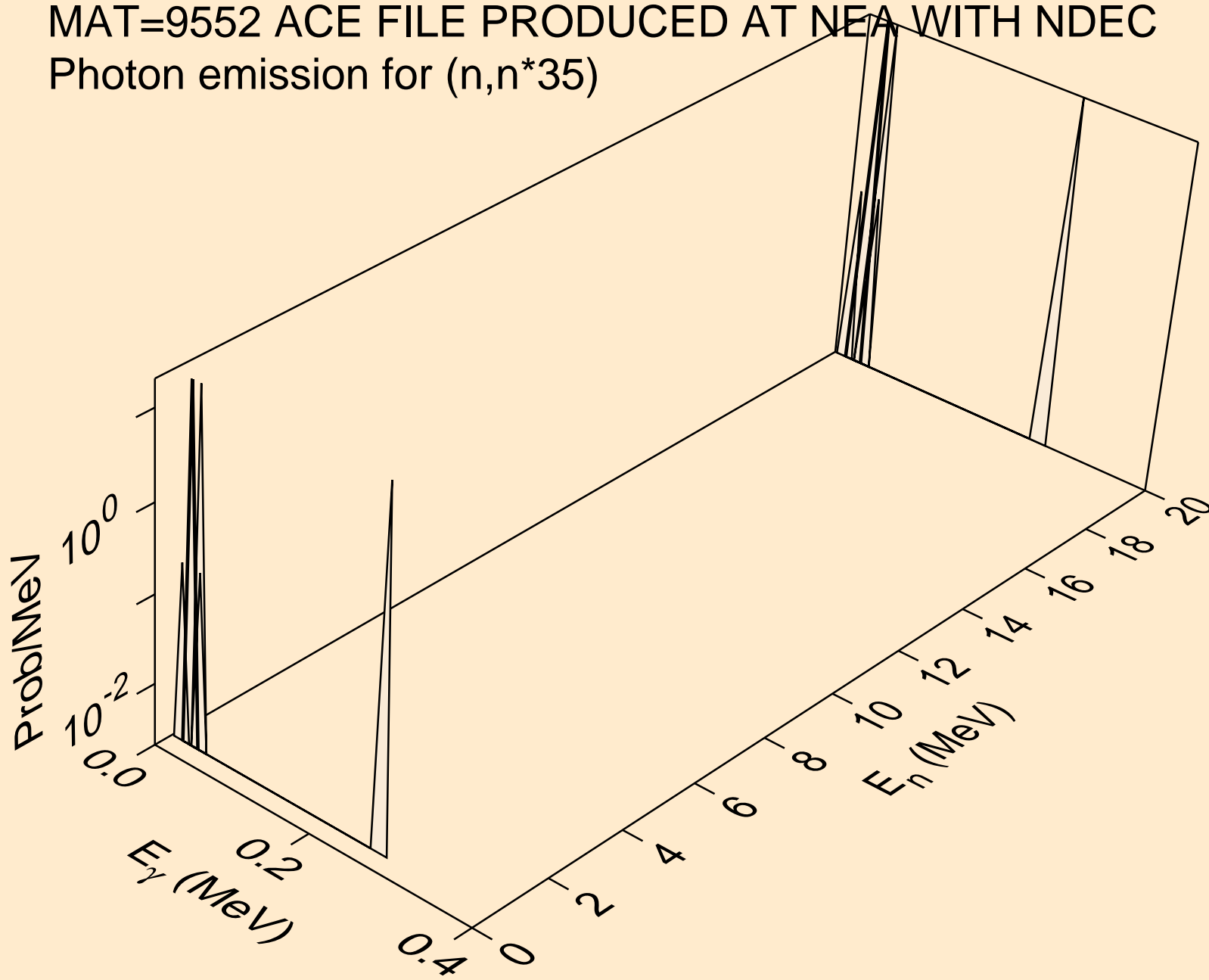




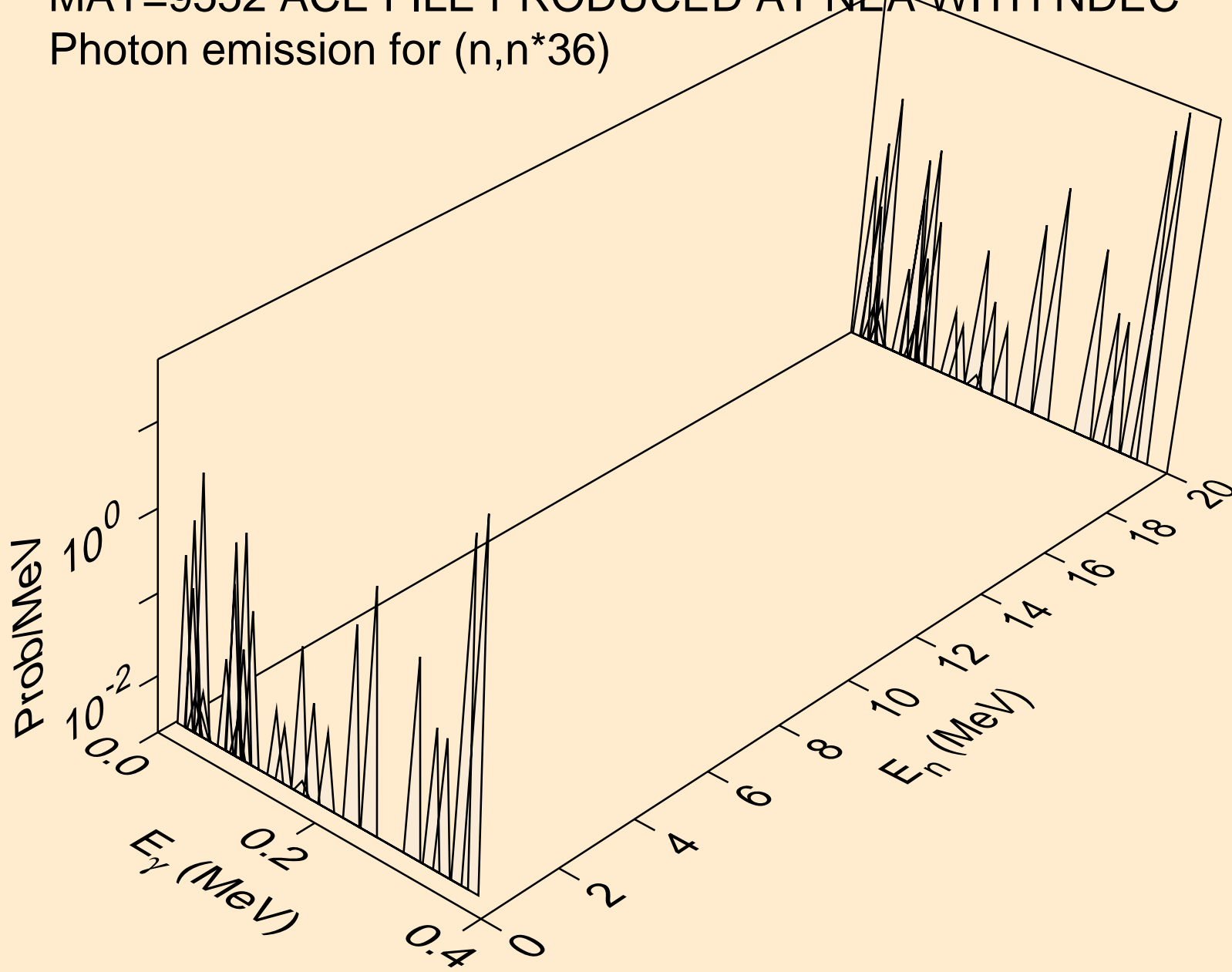
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*34)



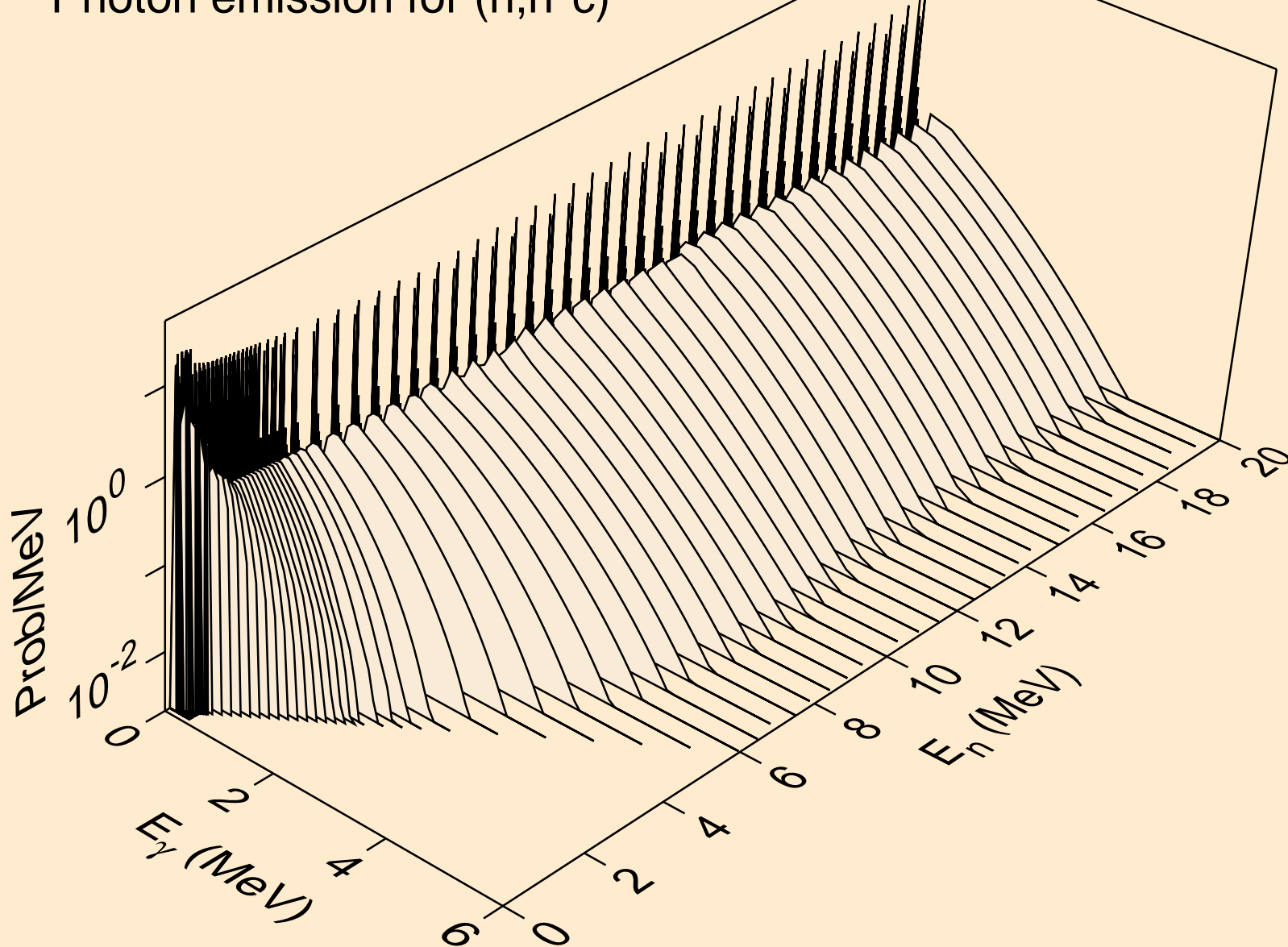
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*35)



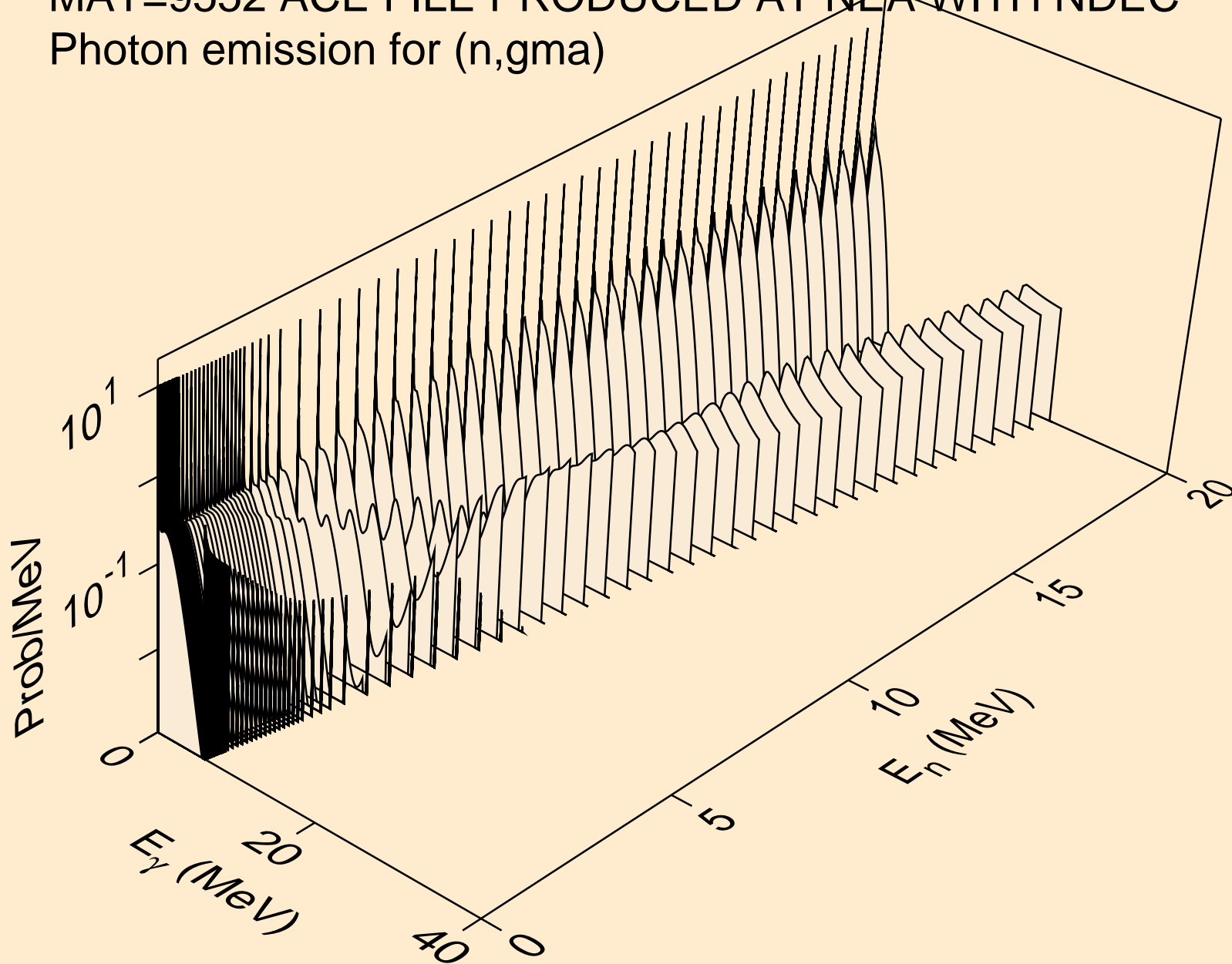
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*36)



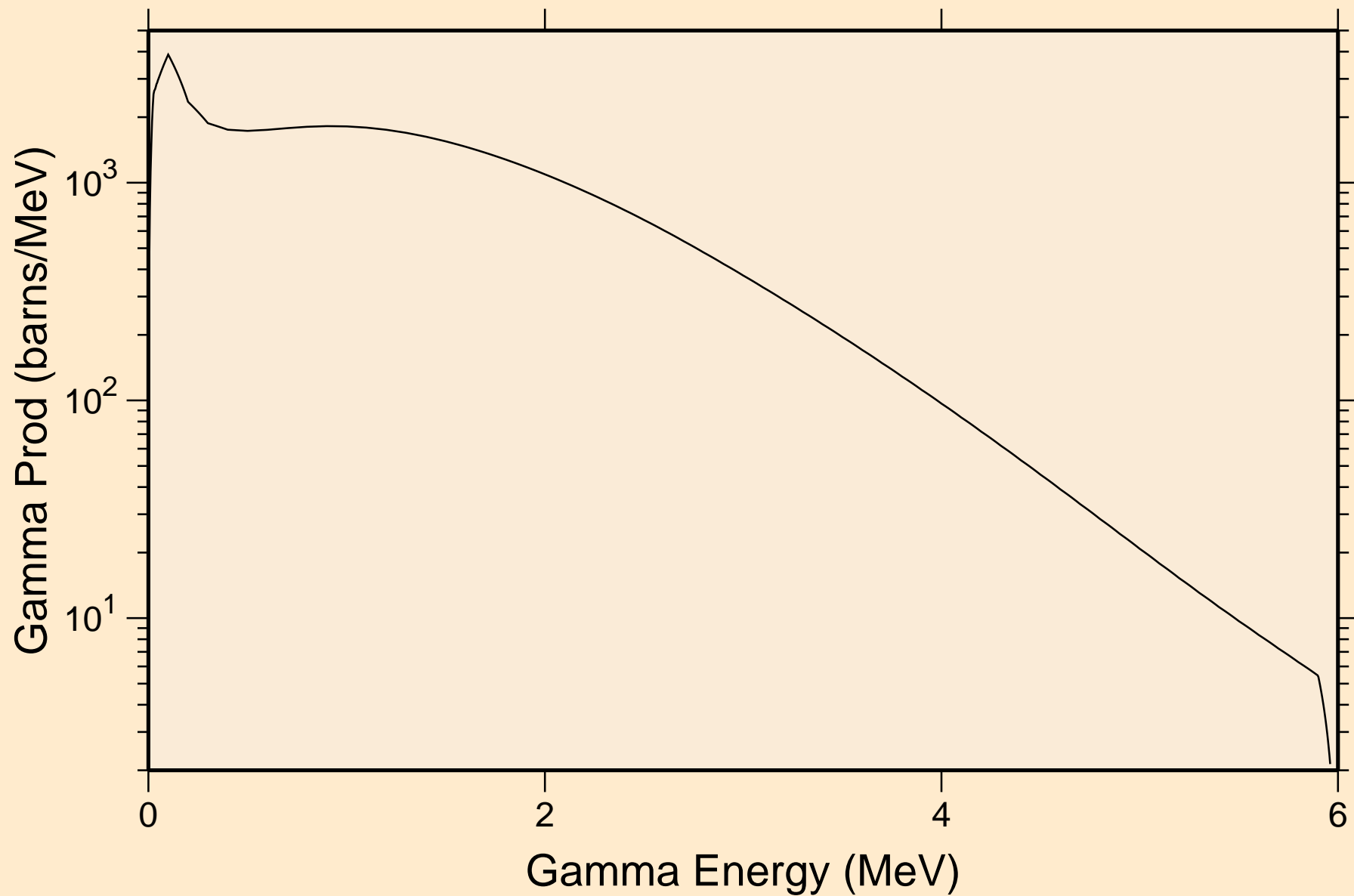
MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*c)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,gma)



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
thermal capture photon spectrum



MAT=9552 ACE FILE PRODUCED AT NEA WITH NDEC  
14 MeV photon spectrum

