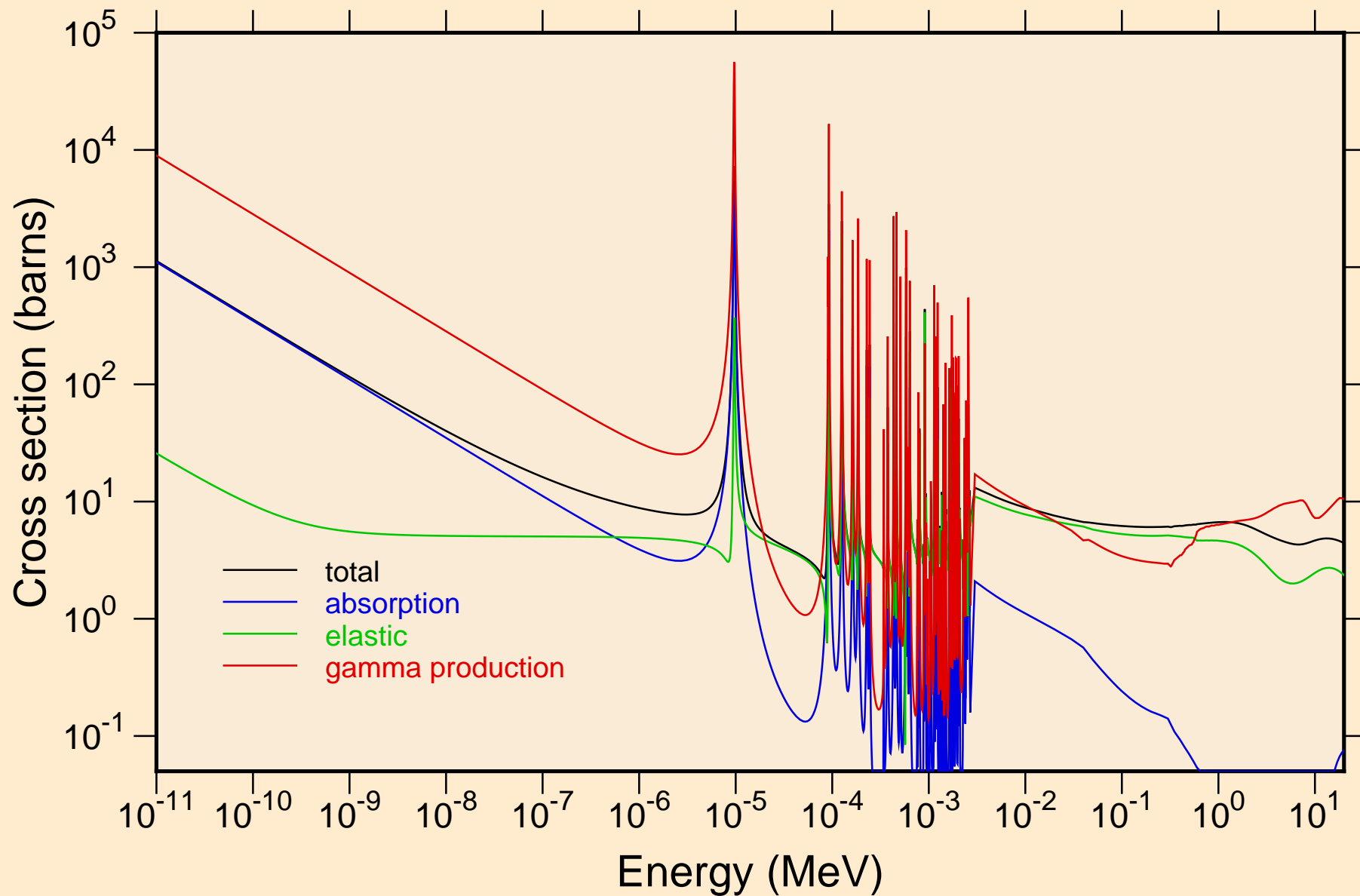
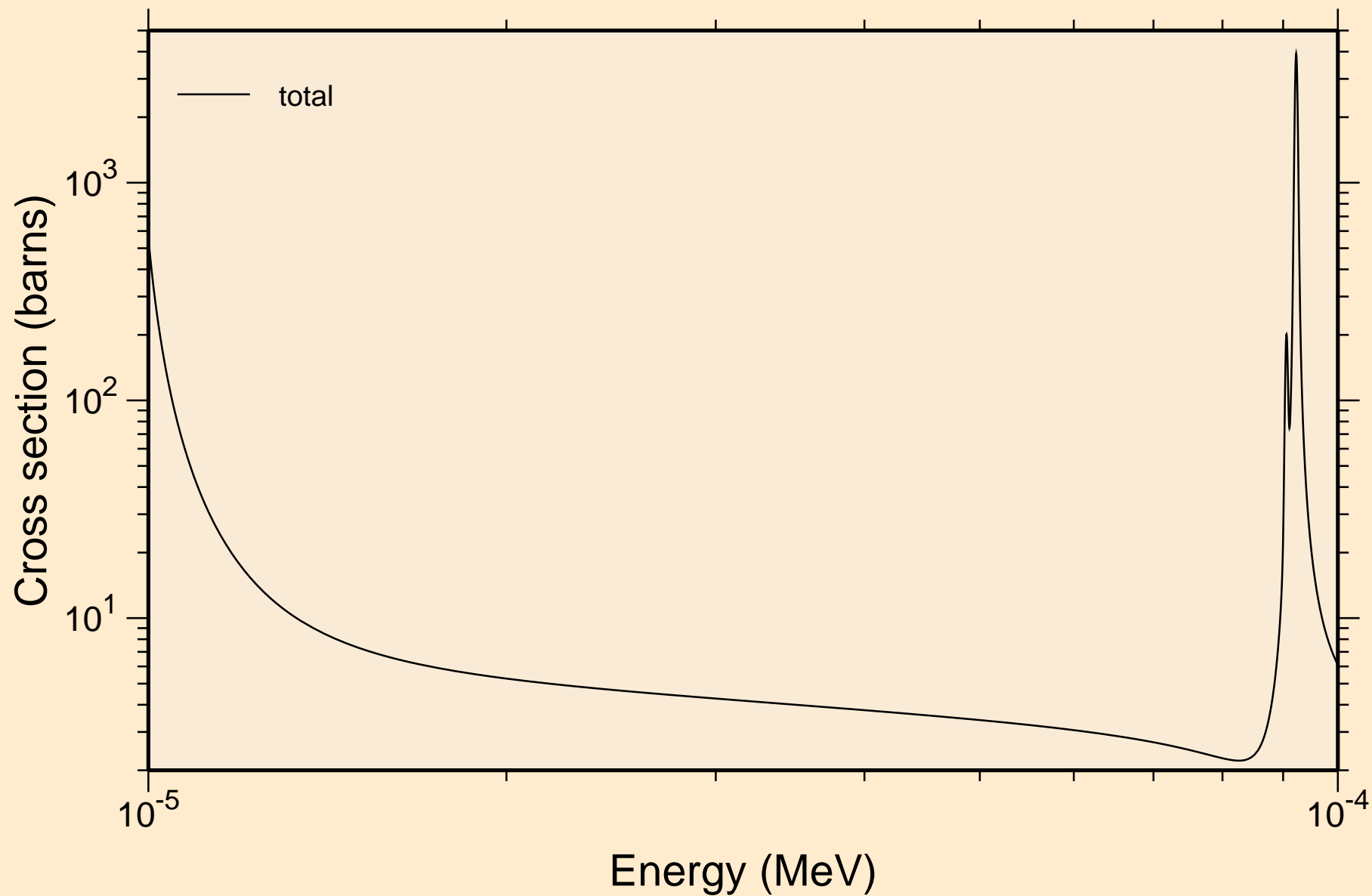


# MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC

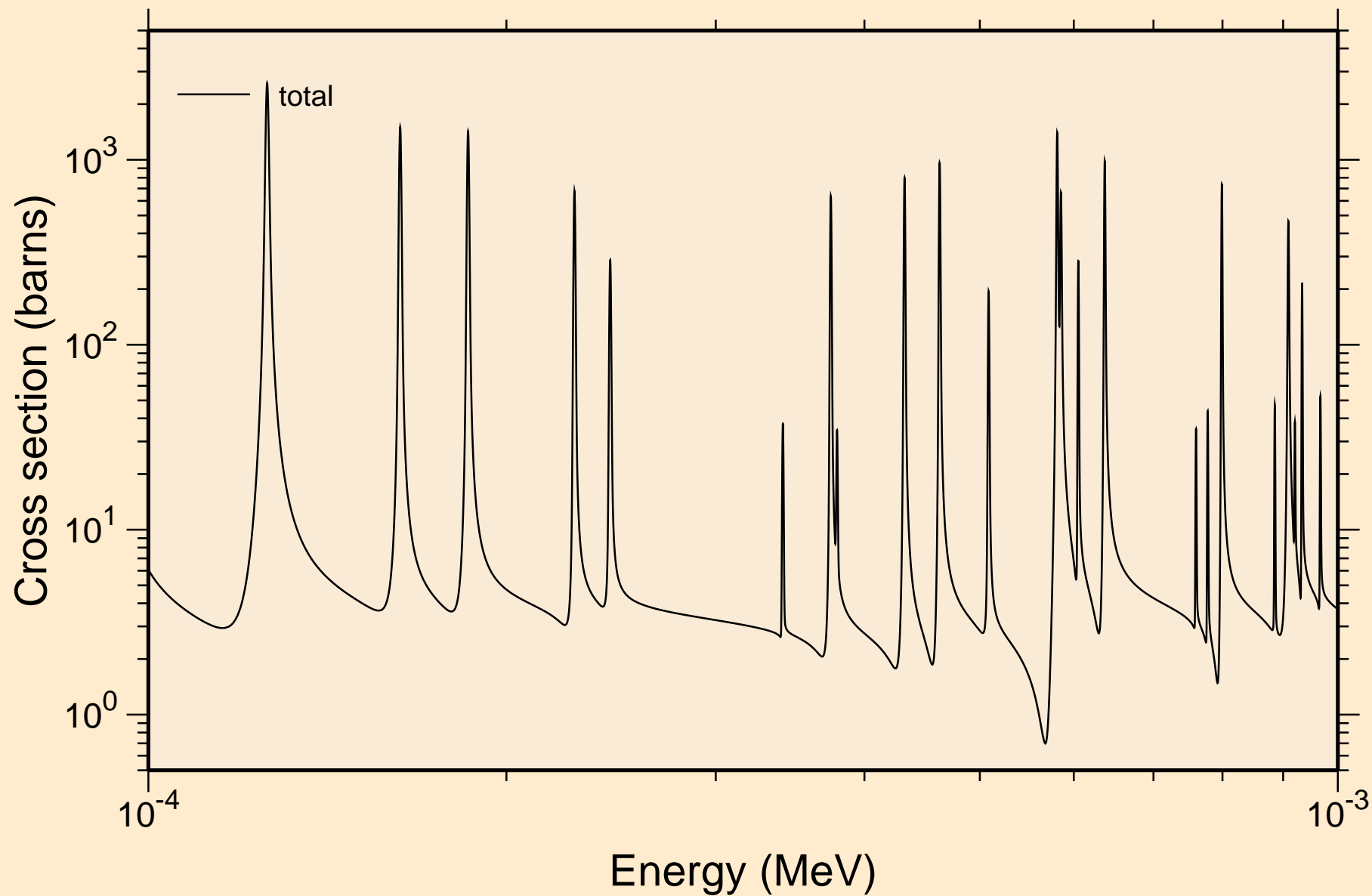
## Principal cross sections



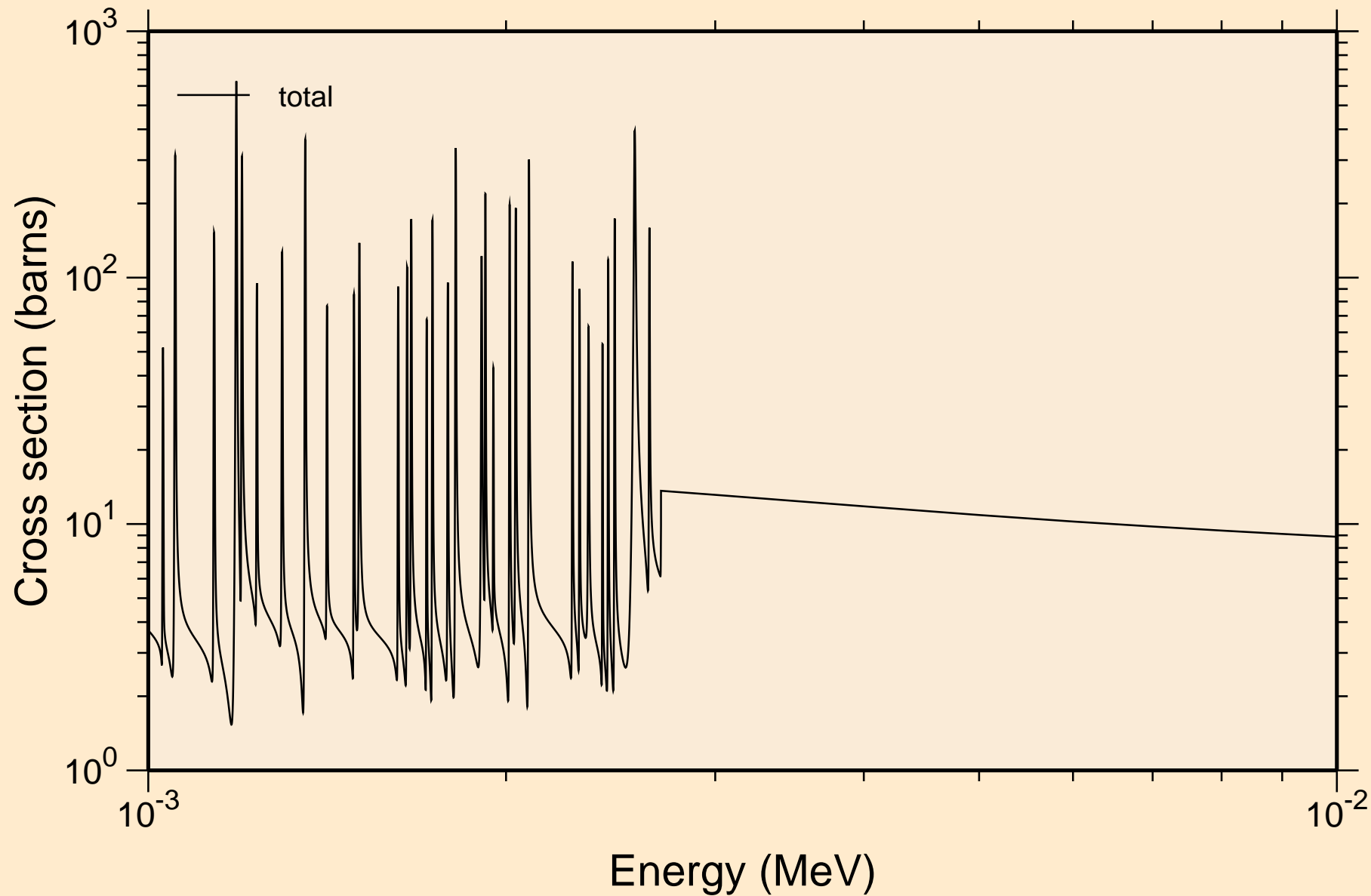
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance total cross section



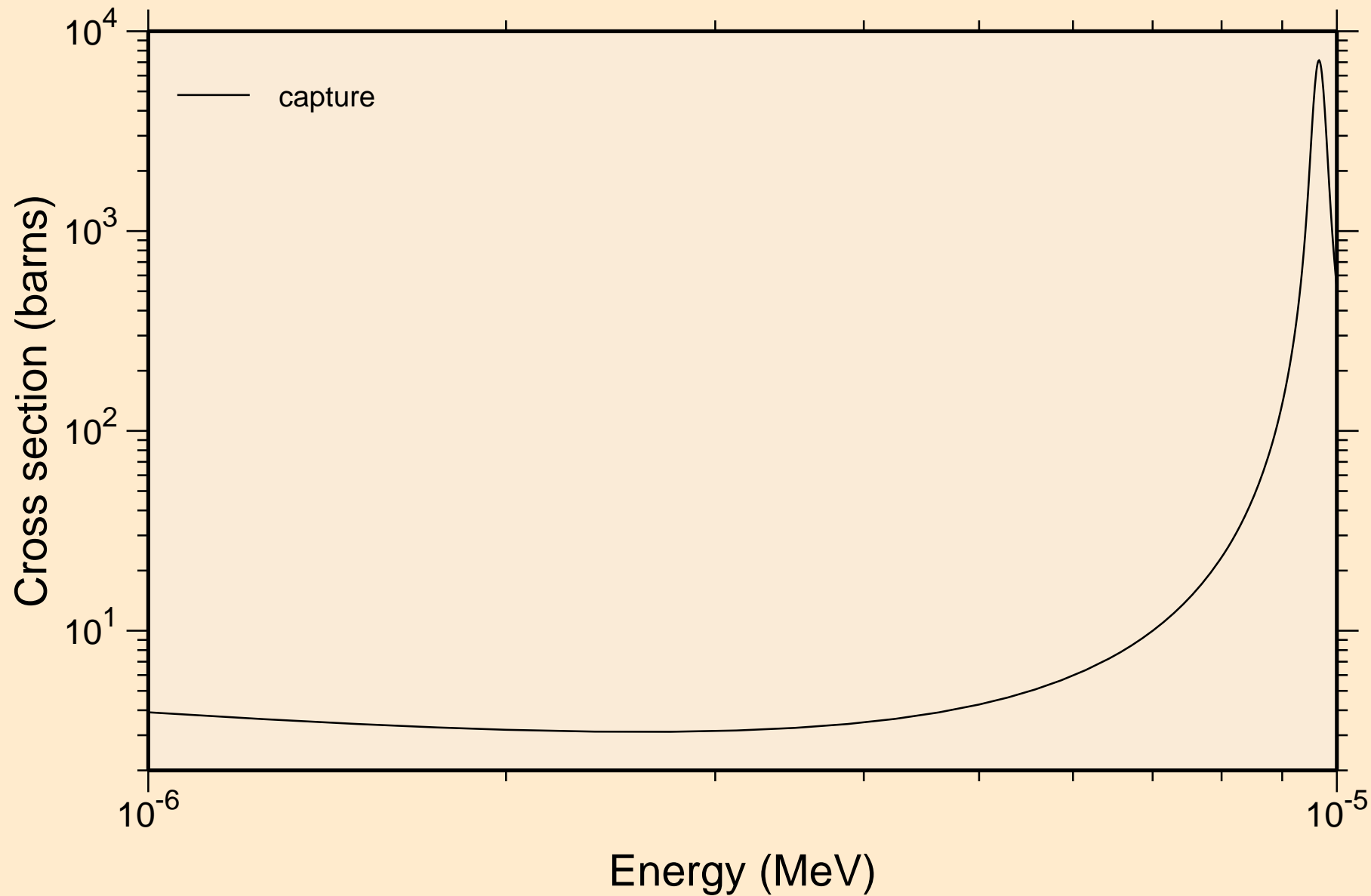
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance total cross section



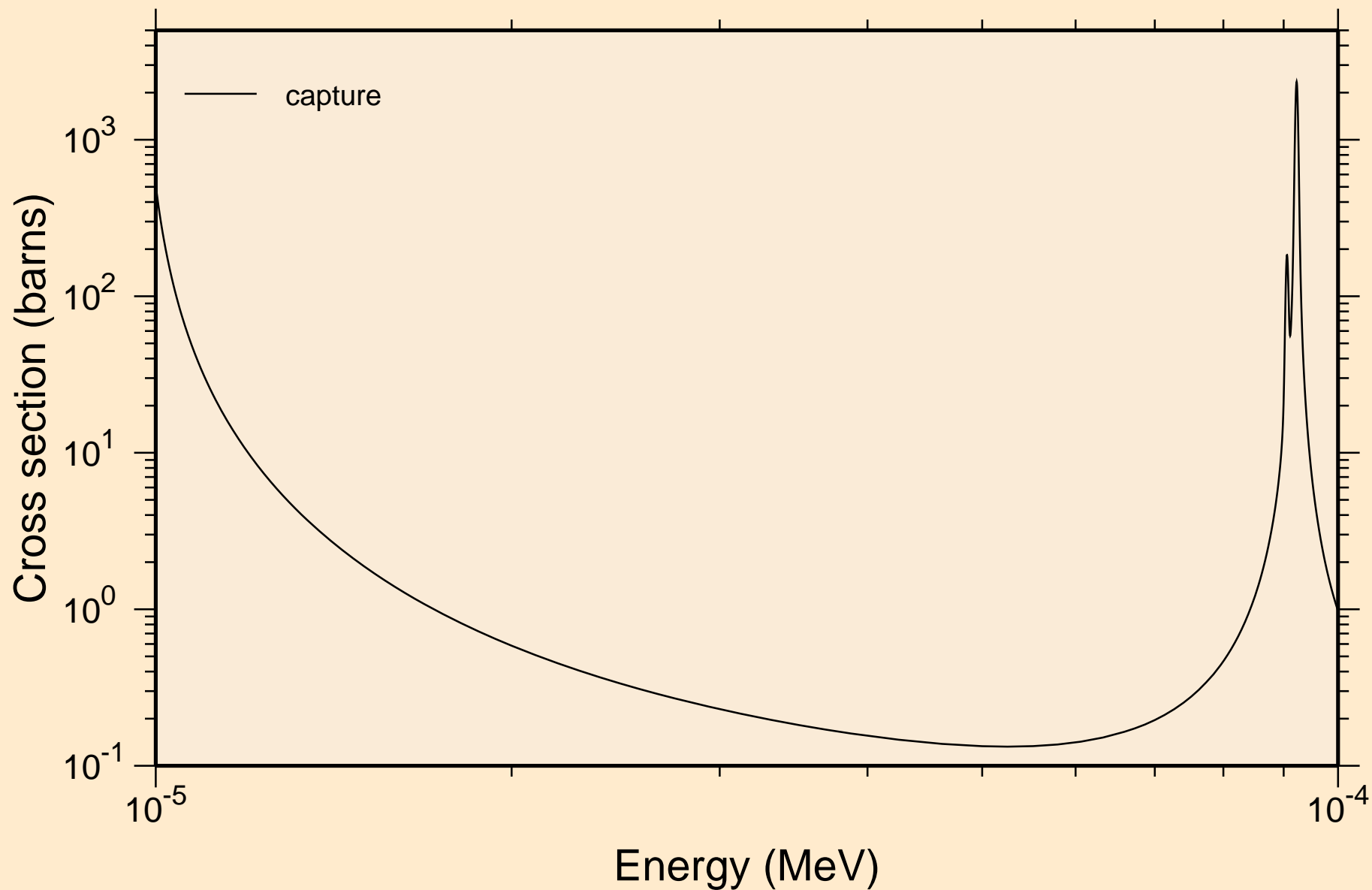
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resonance total cross section



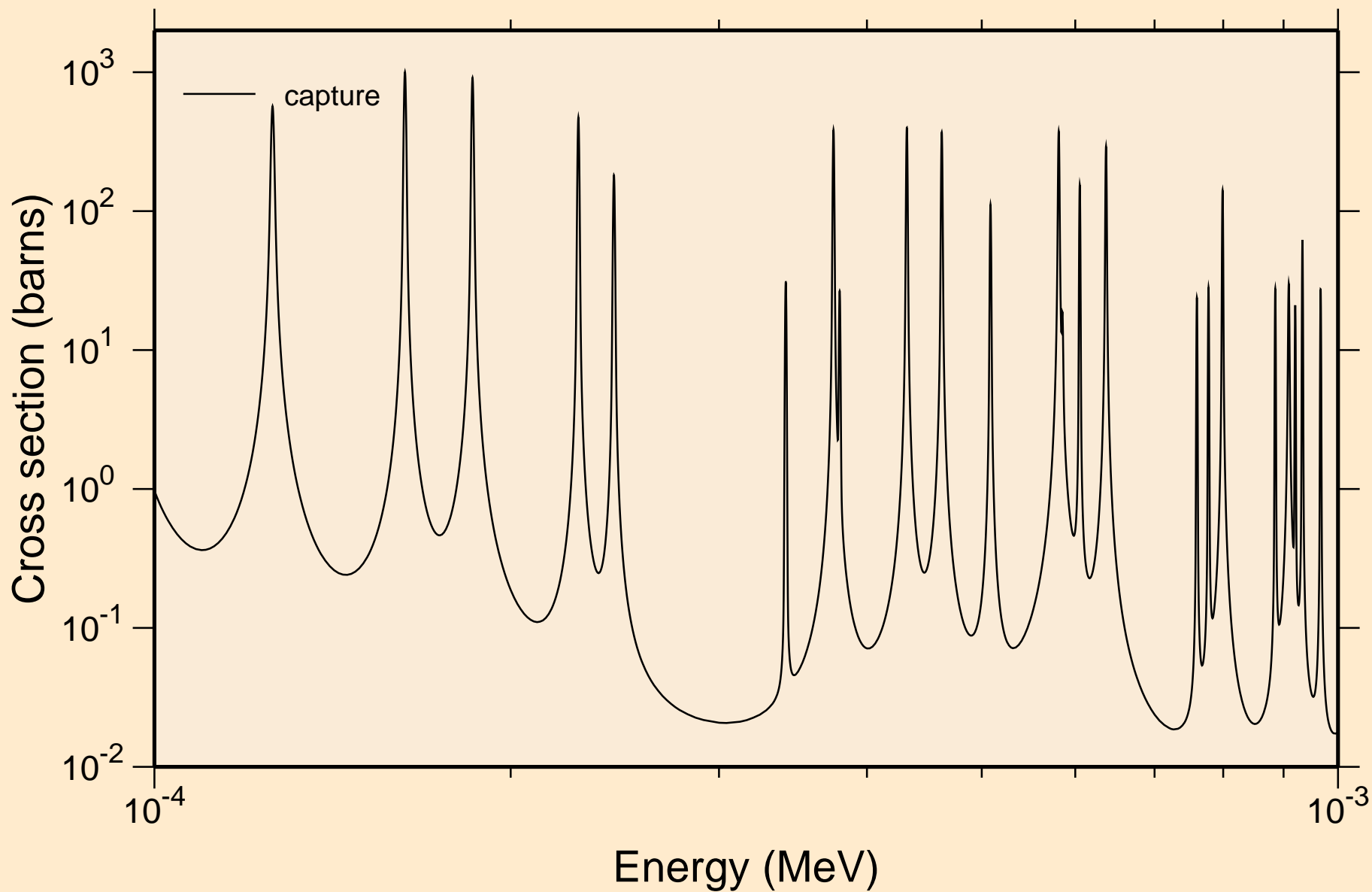
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections



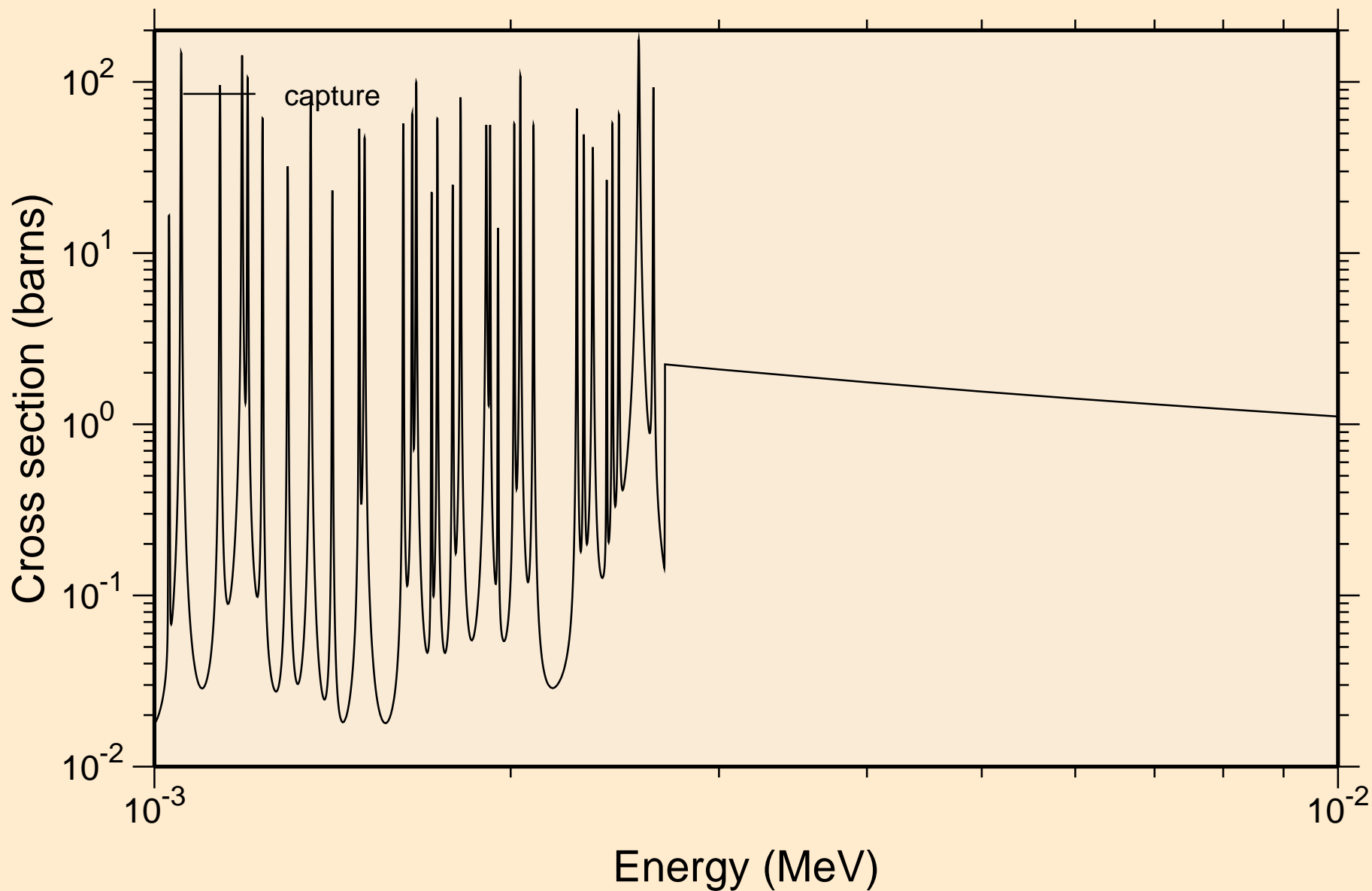
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections



MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections

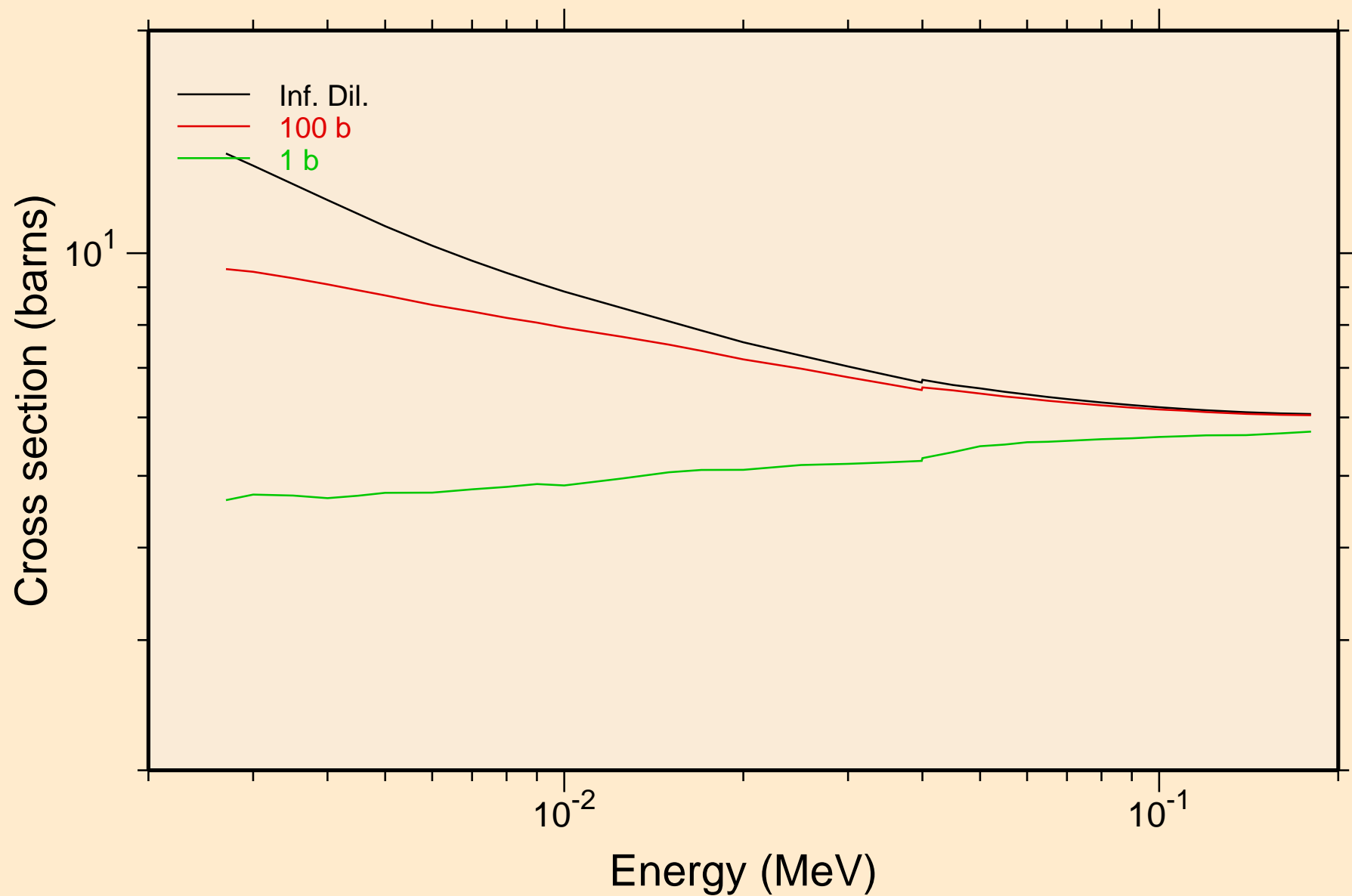


MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections

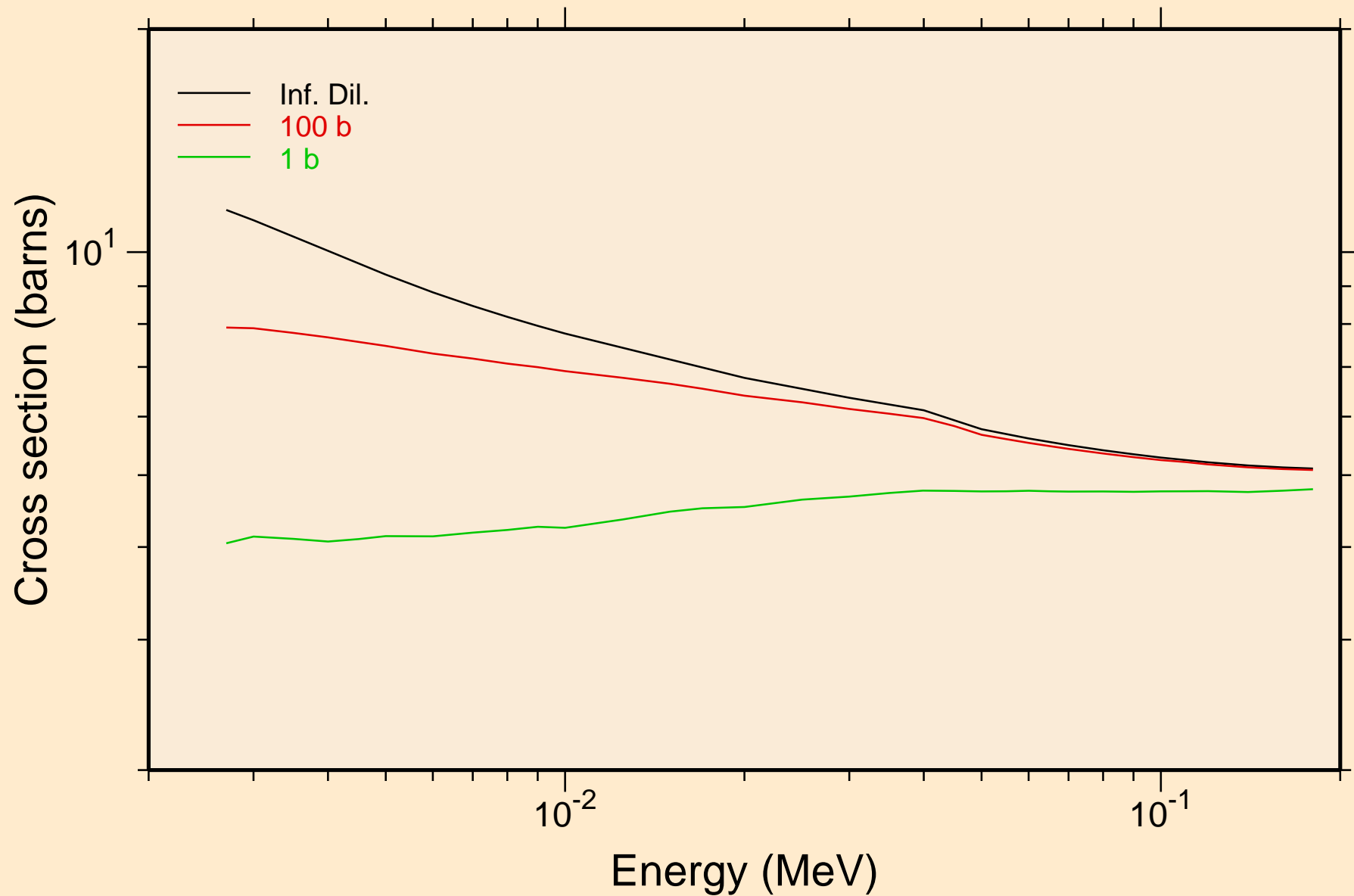




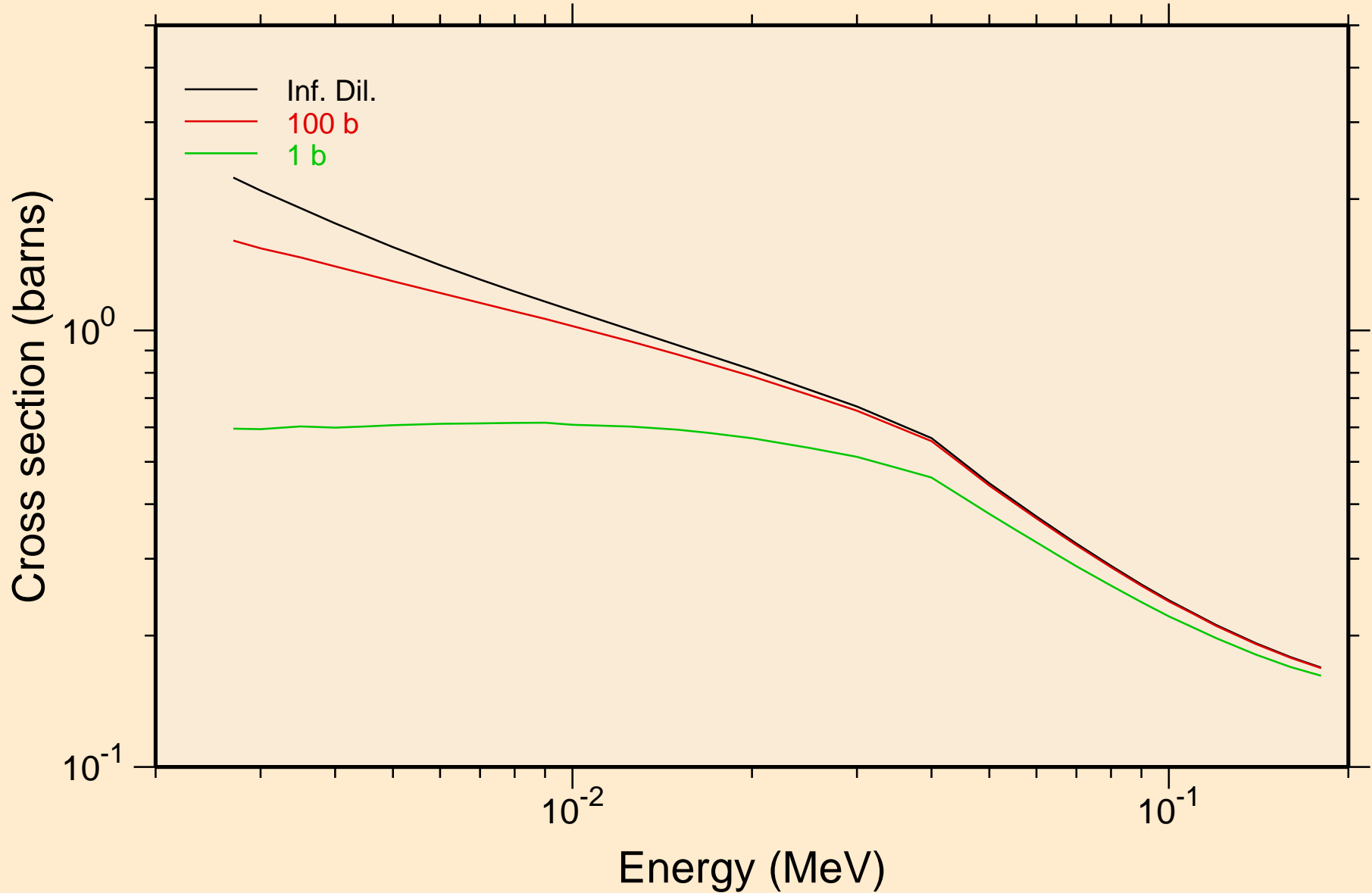
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
UR total cross section



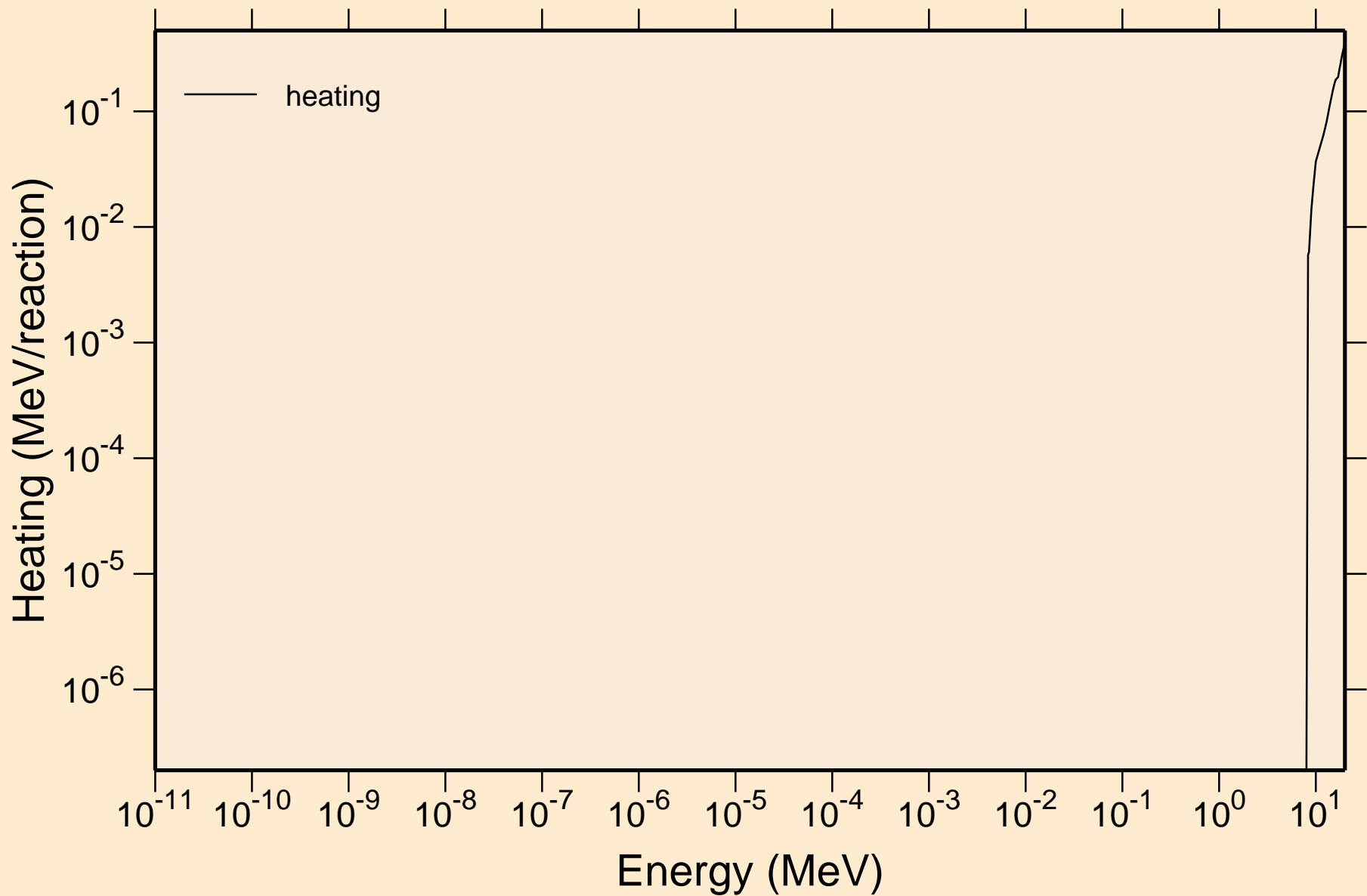
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
UR elastic cross section



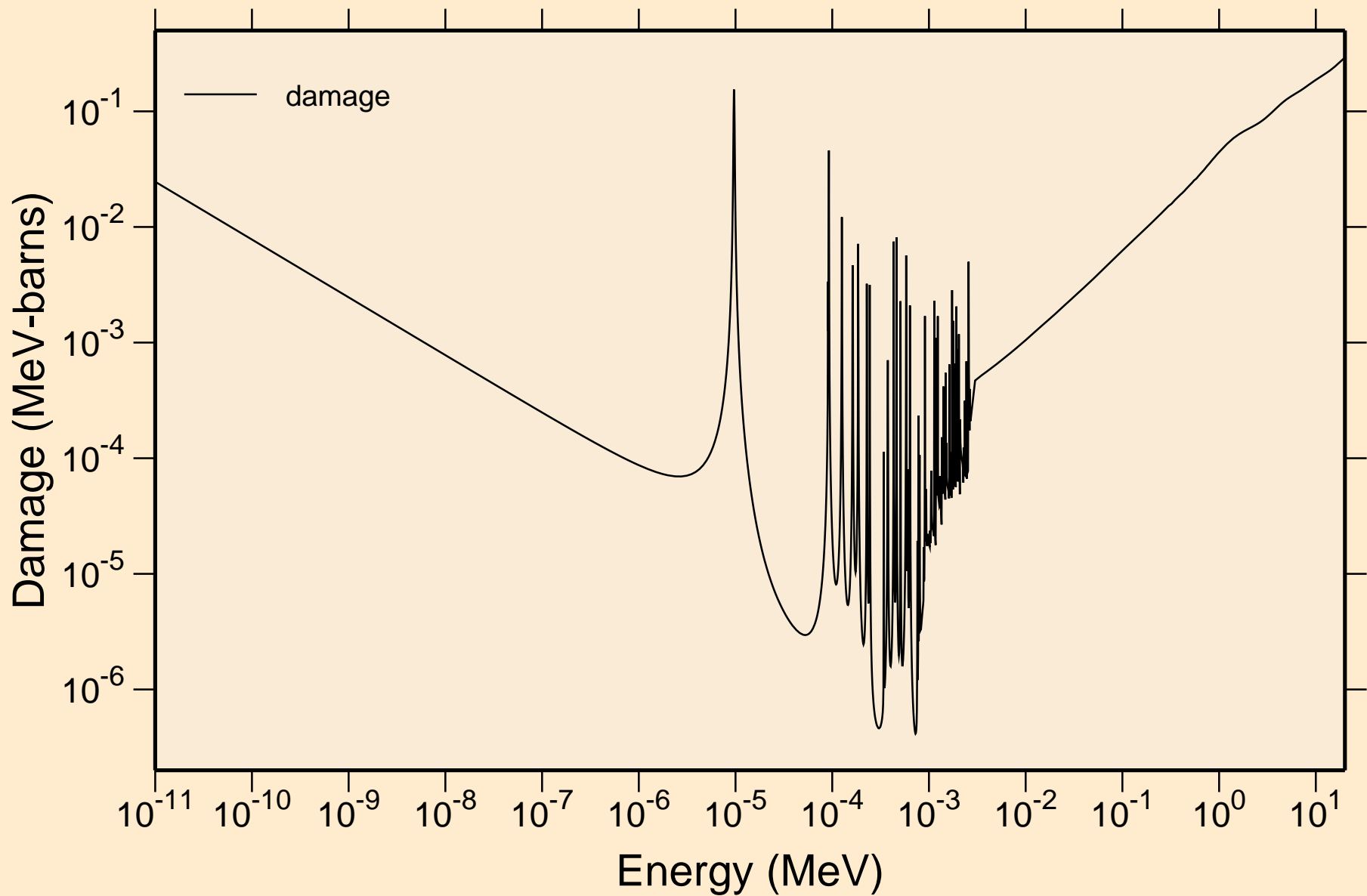
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
UR capture cross section



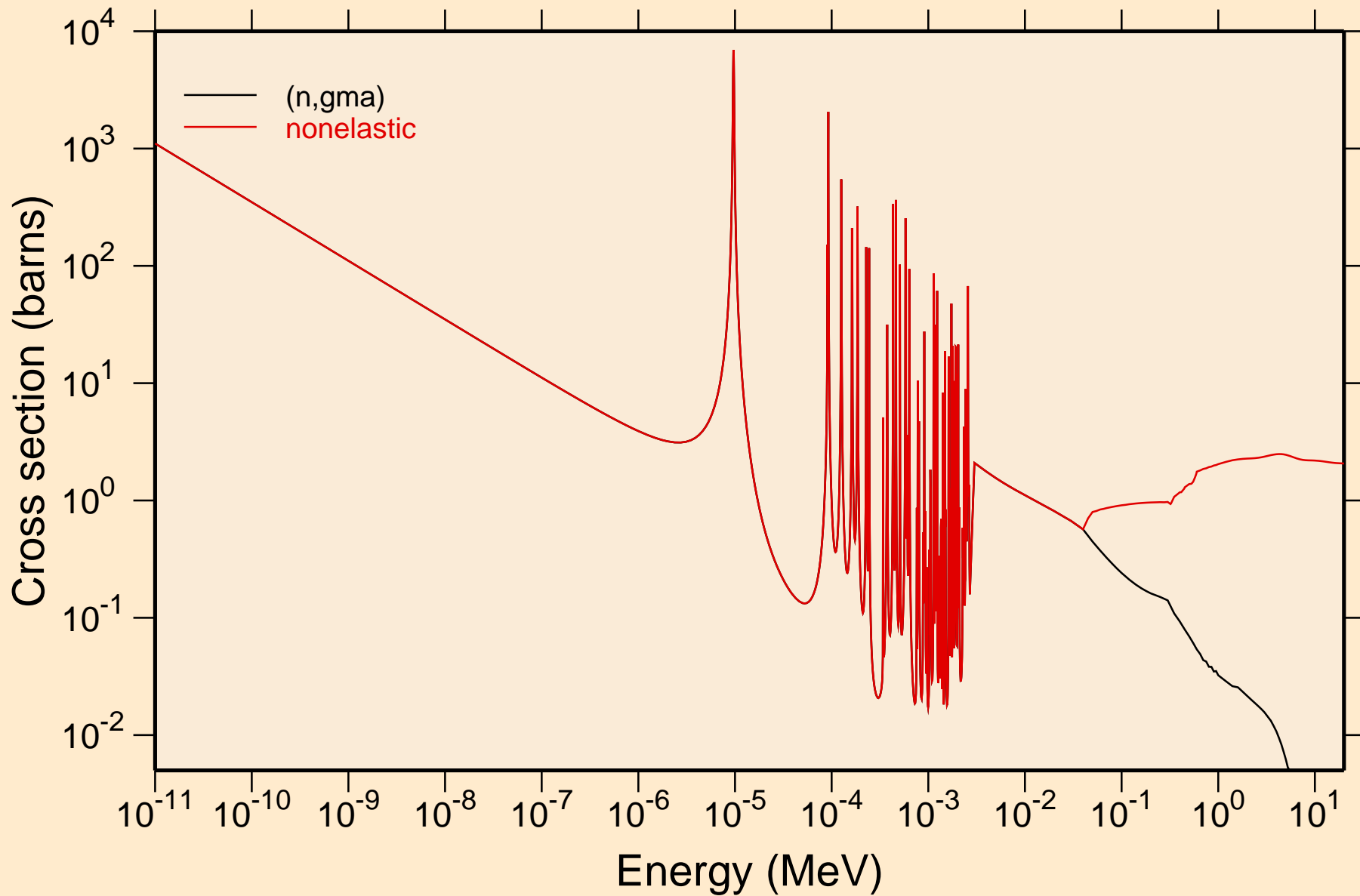
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating



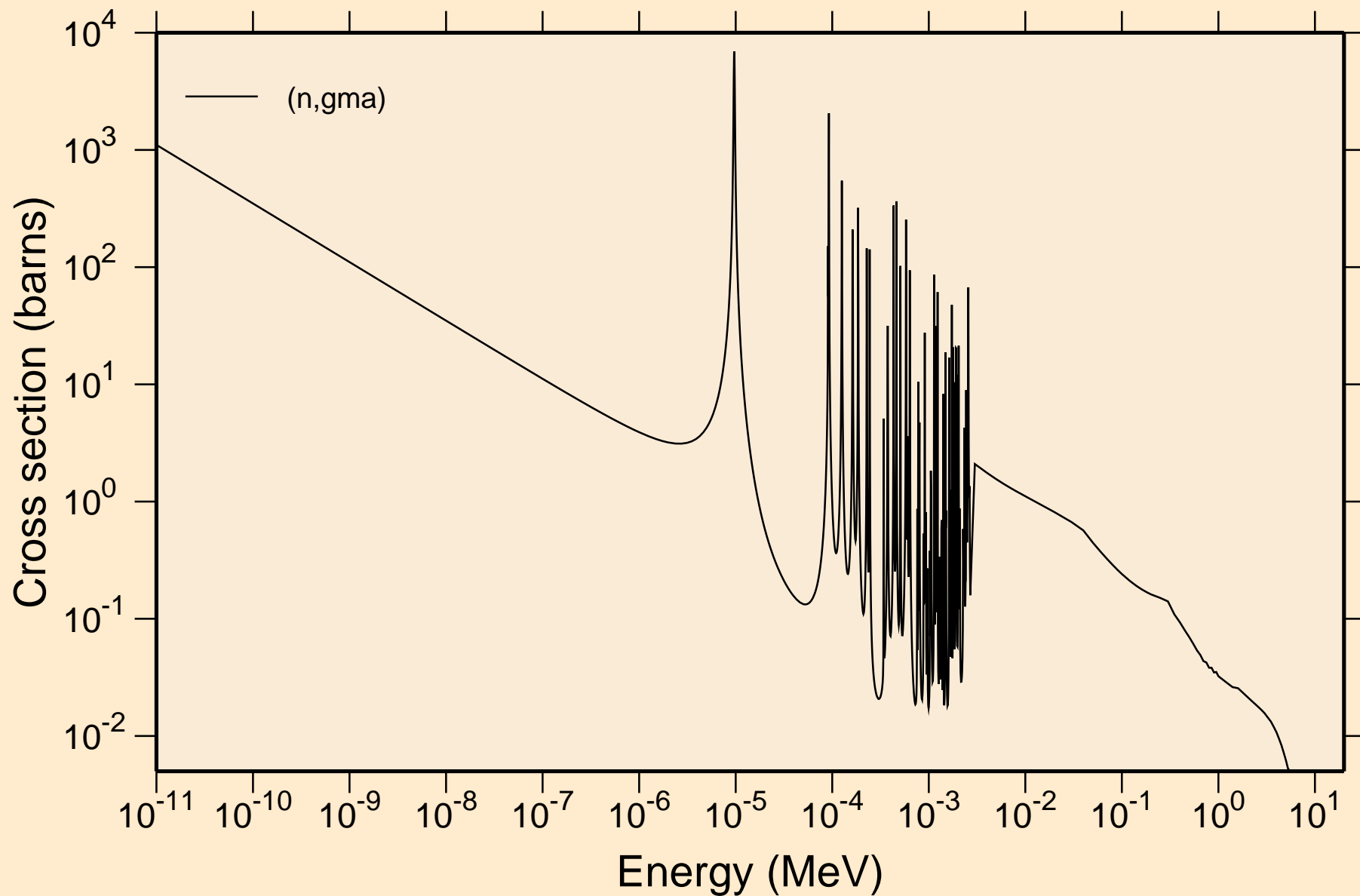
# MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC Damage



MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Non-threshold reactions

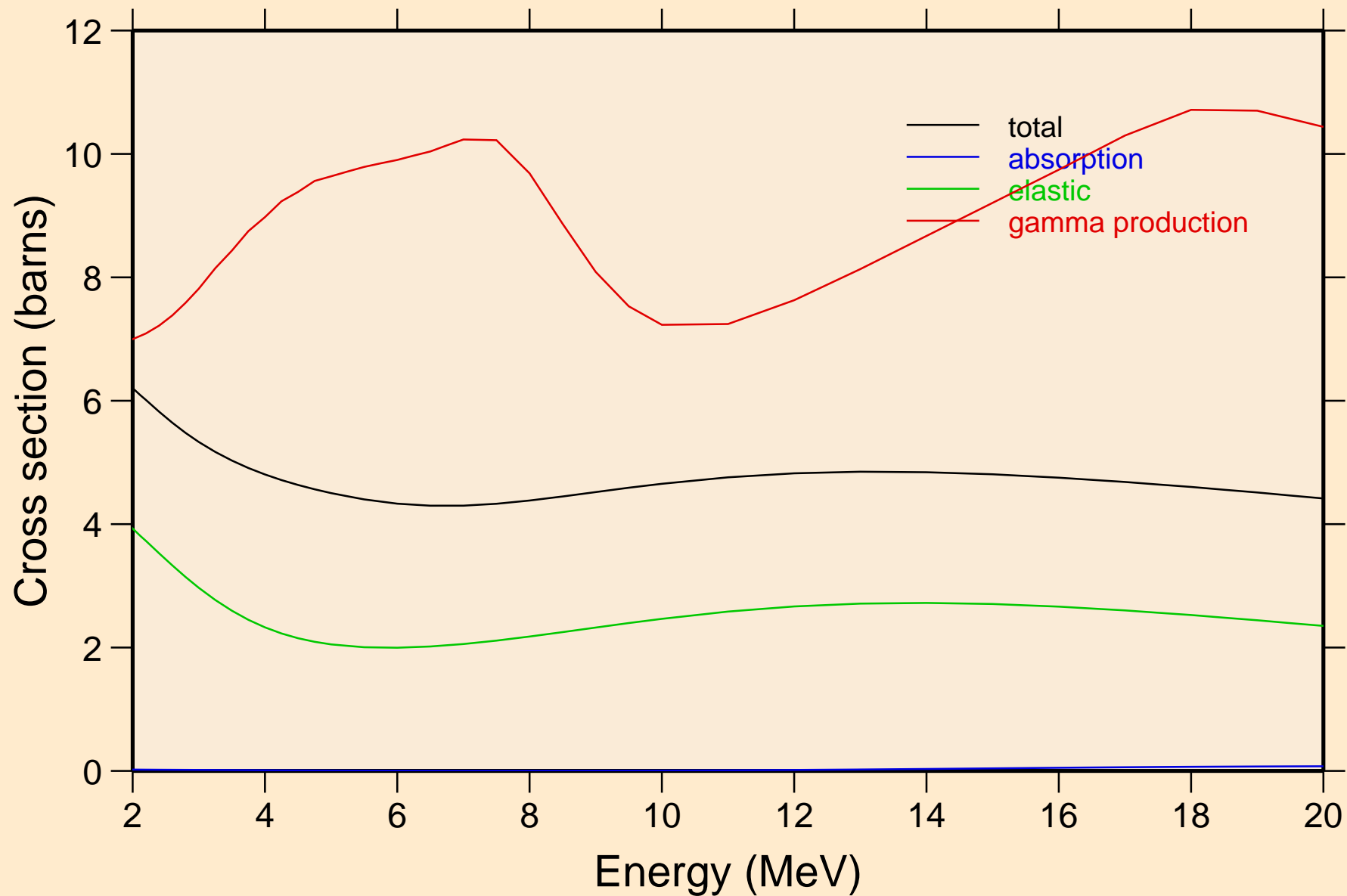


MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Non-threshold reactions



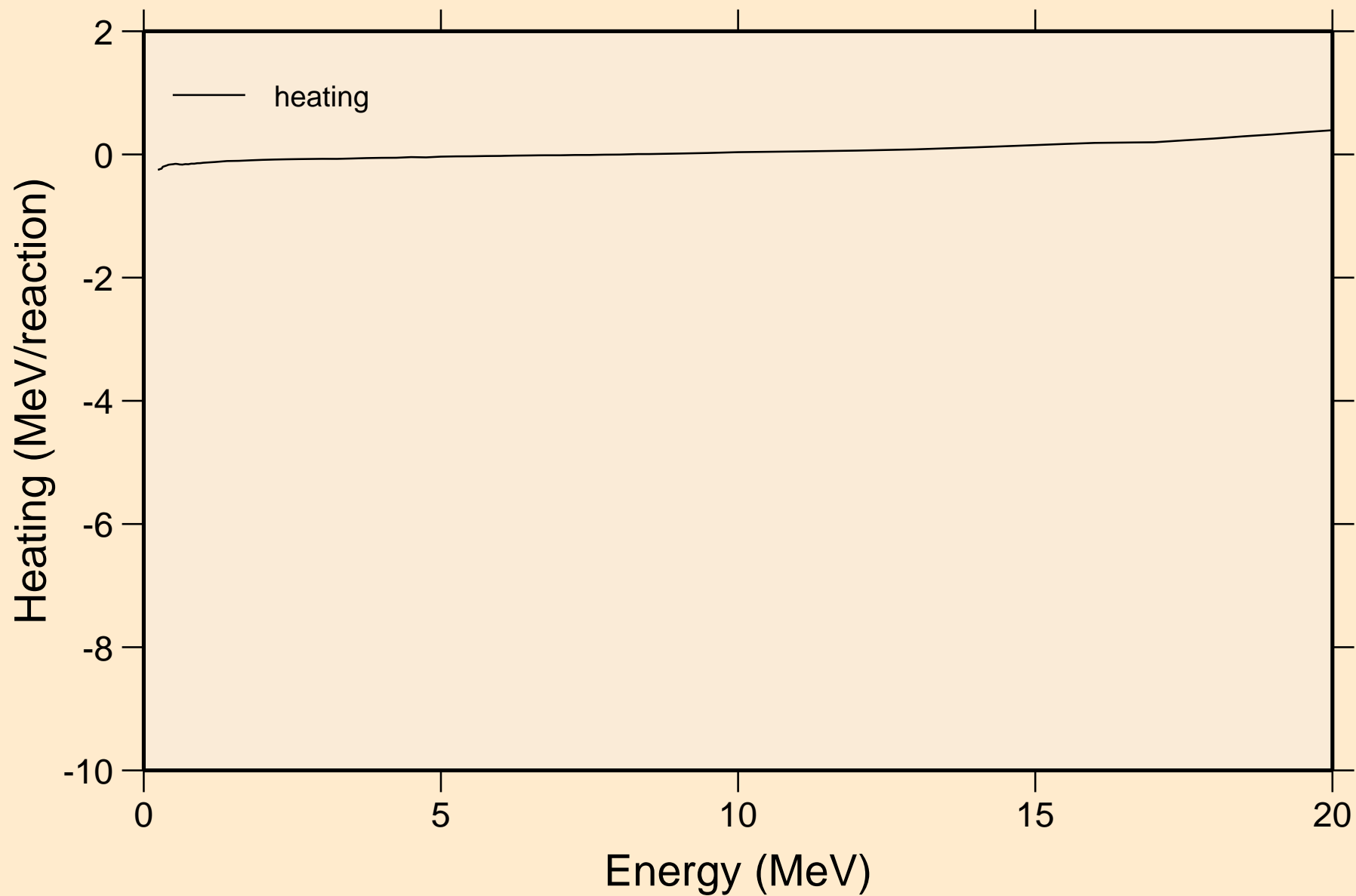
# MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC

## Principal cross sections

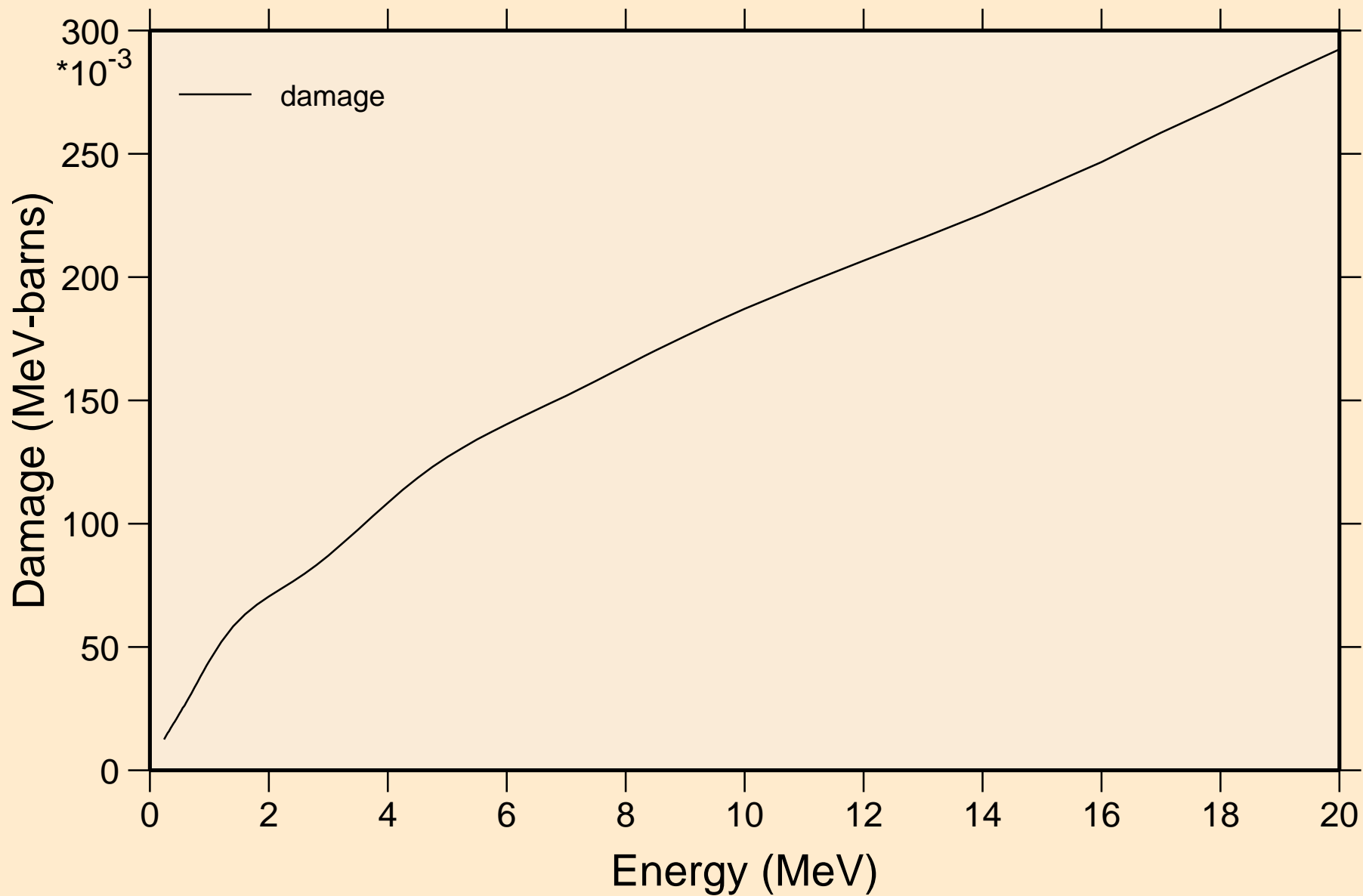




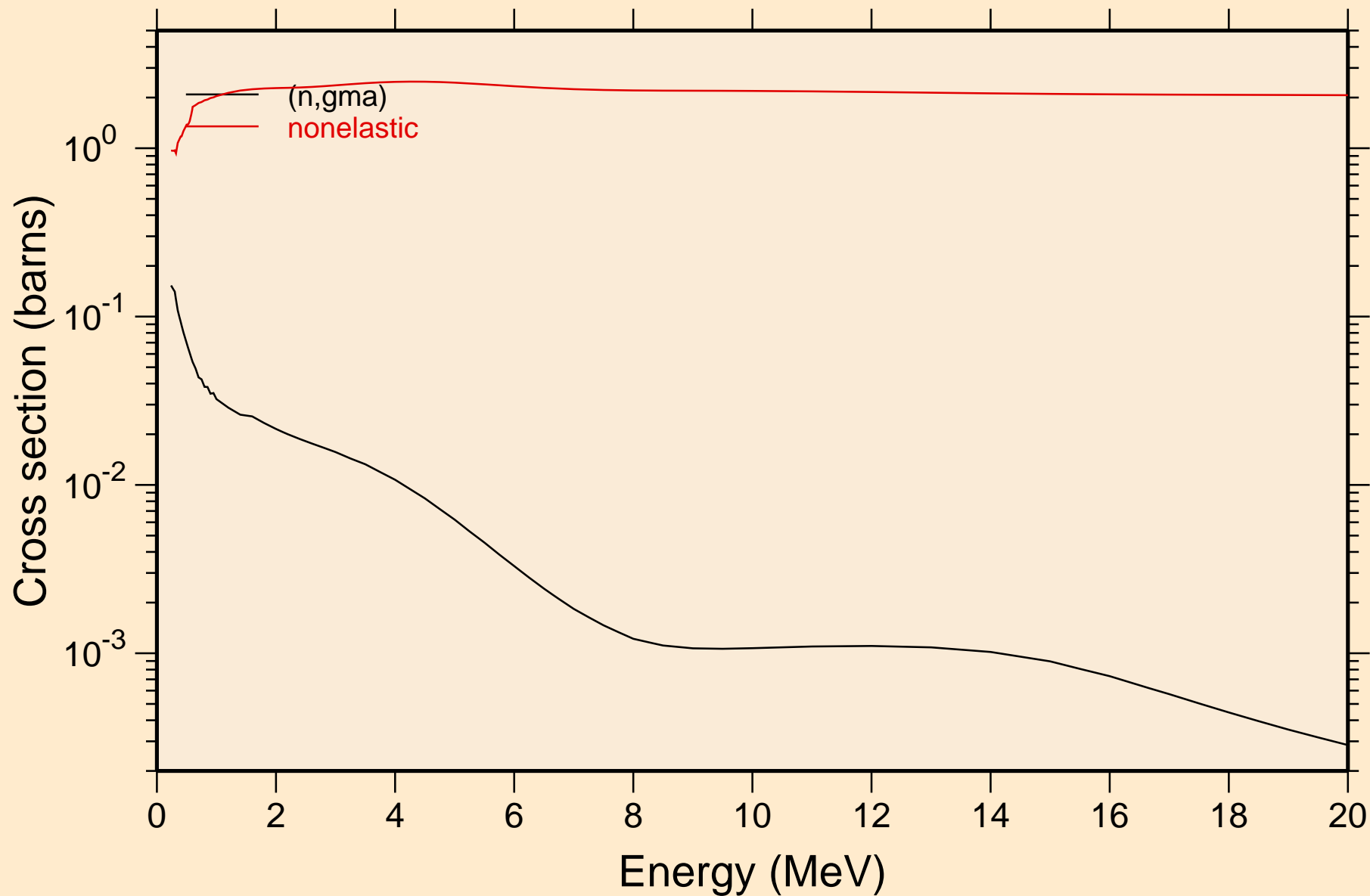
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating



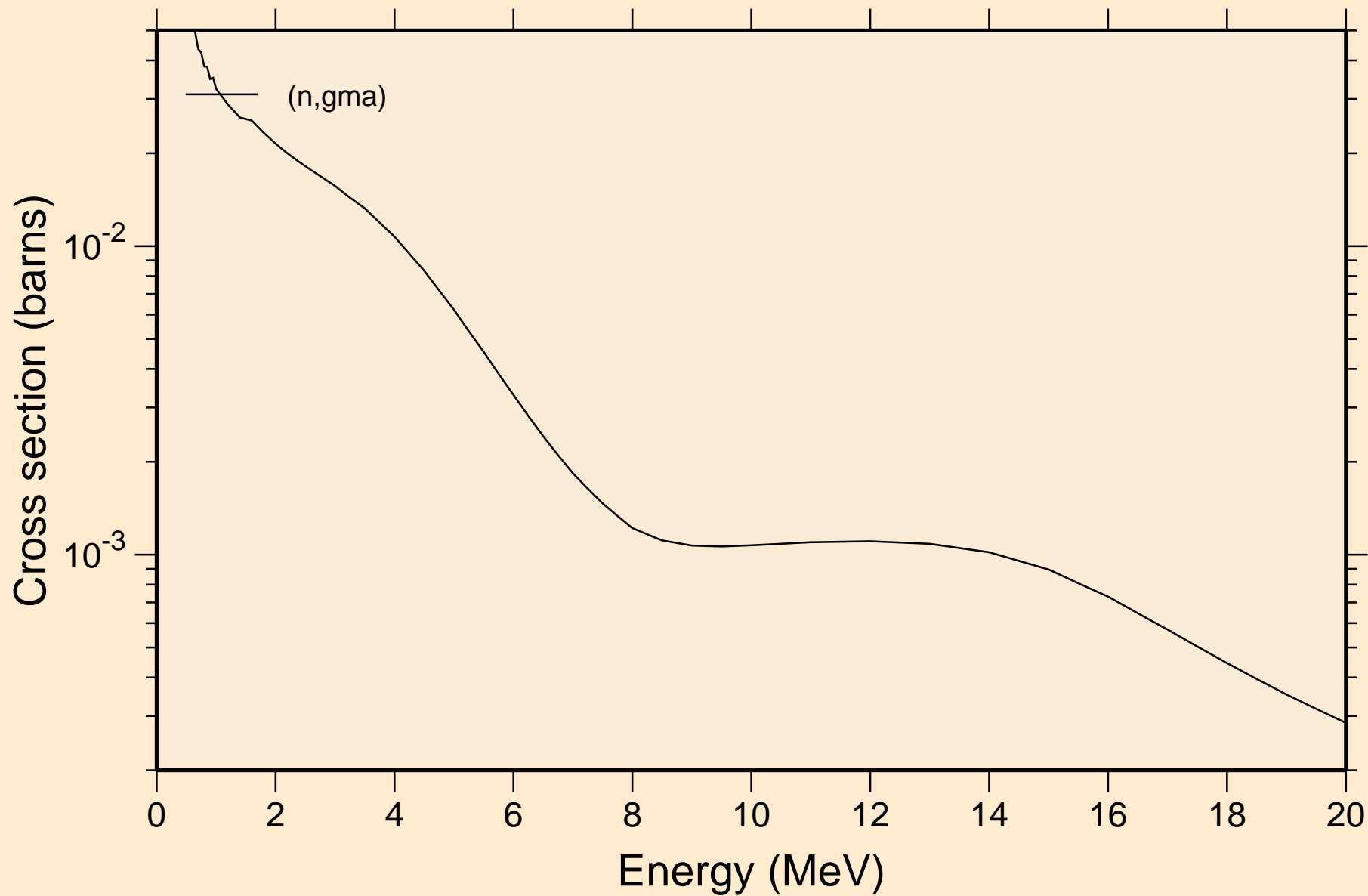
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Damage



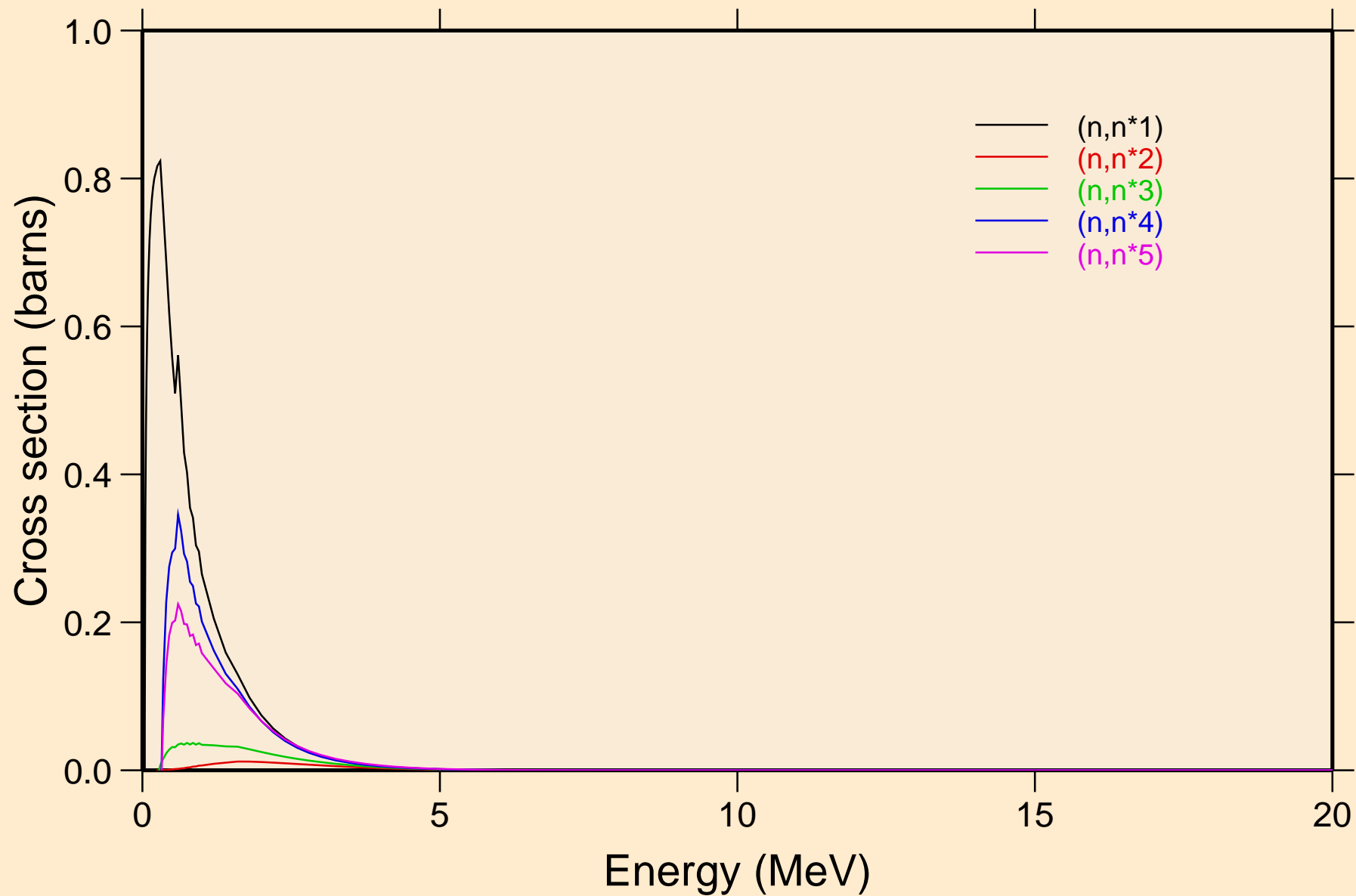
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Non-threshold reactions



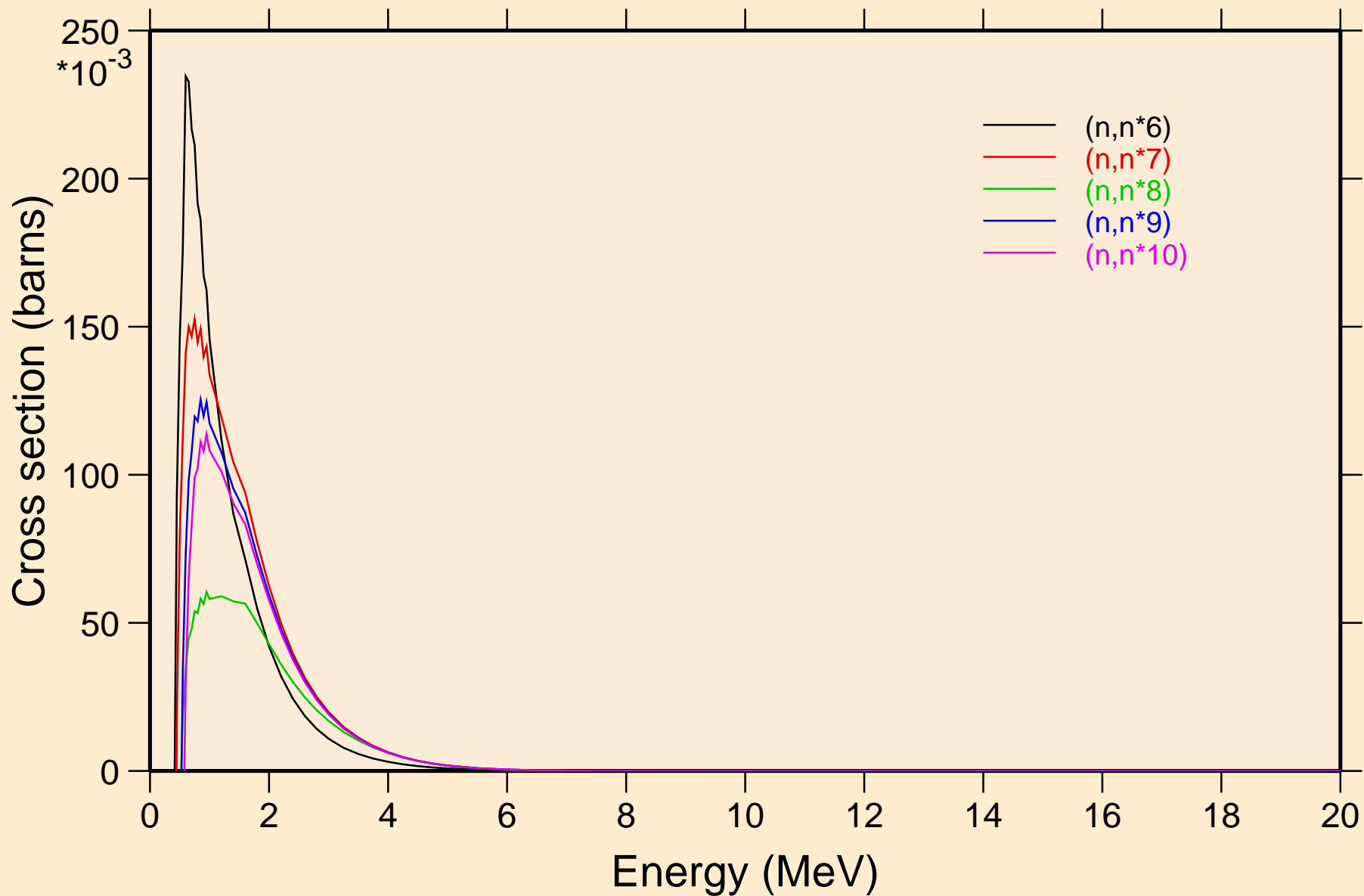
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Non-threshold reactions



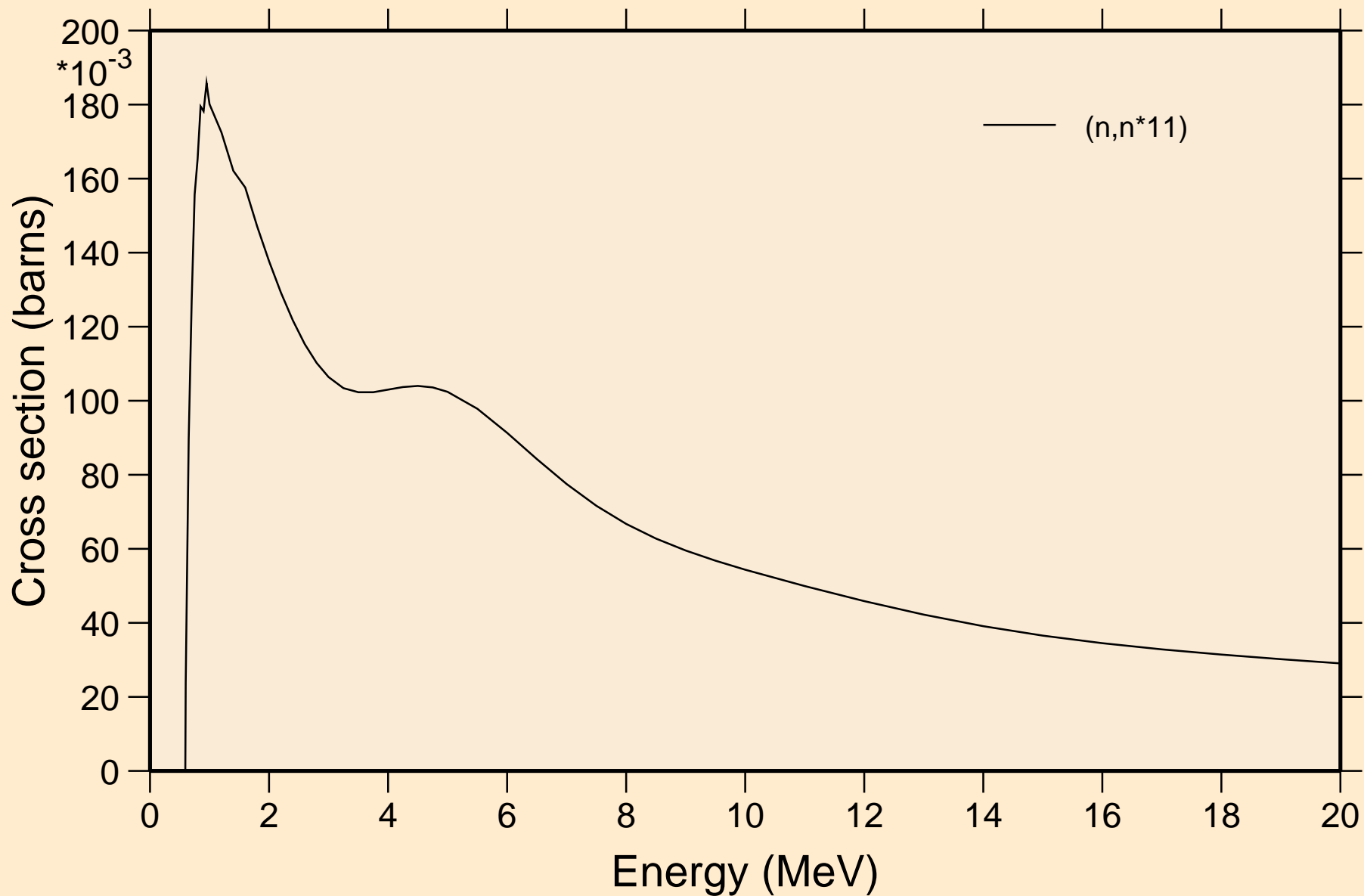
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



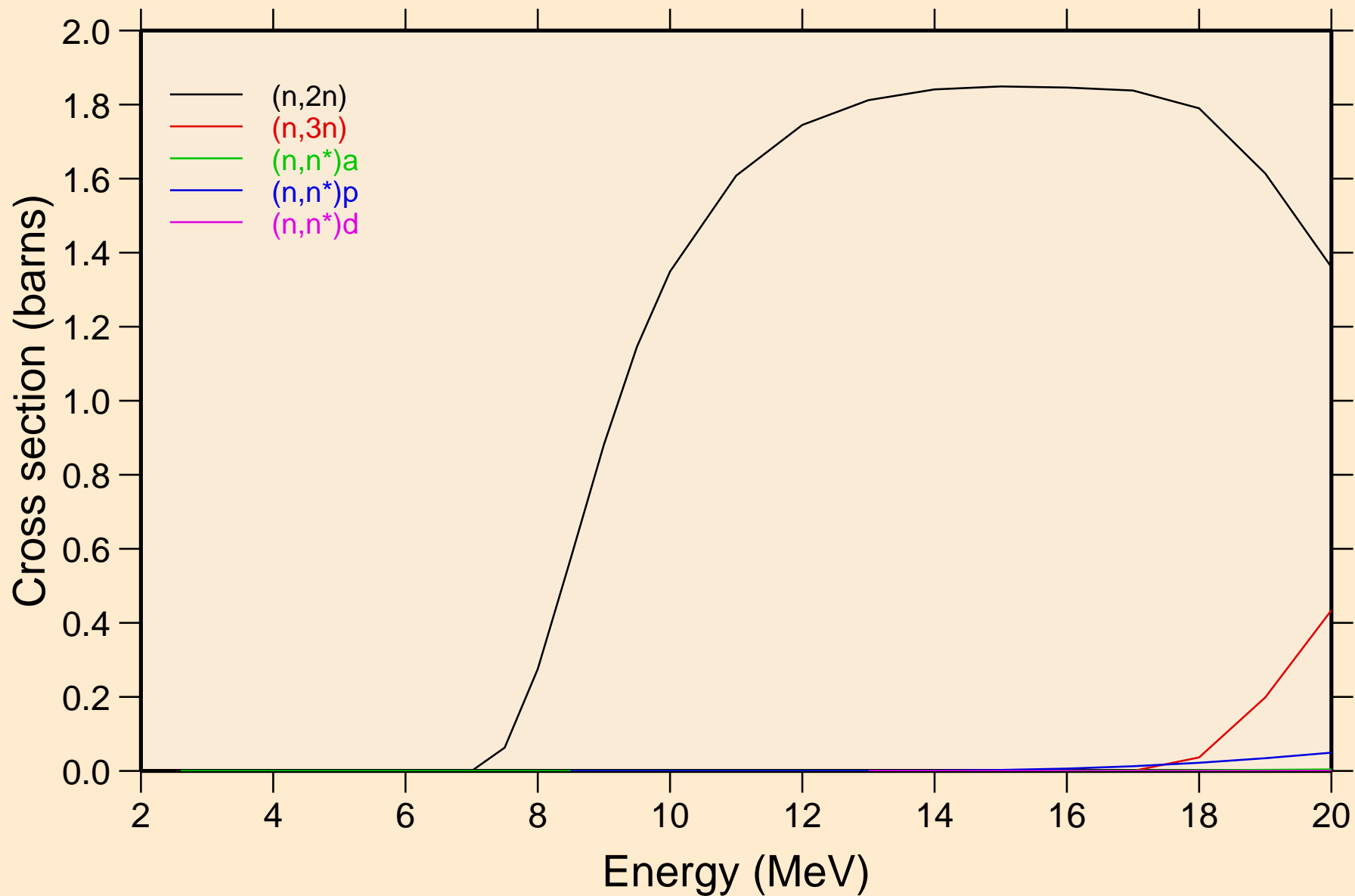
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels

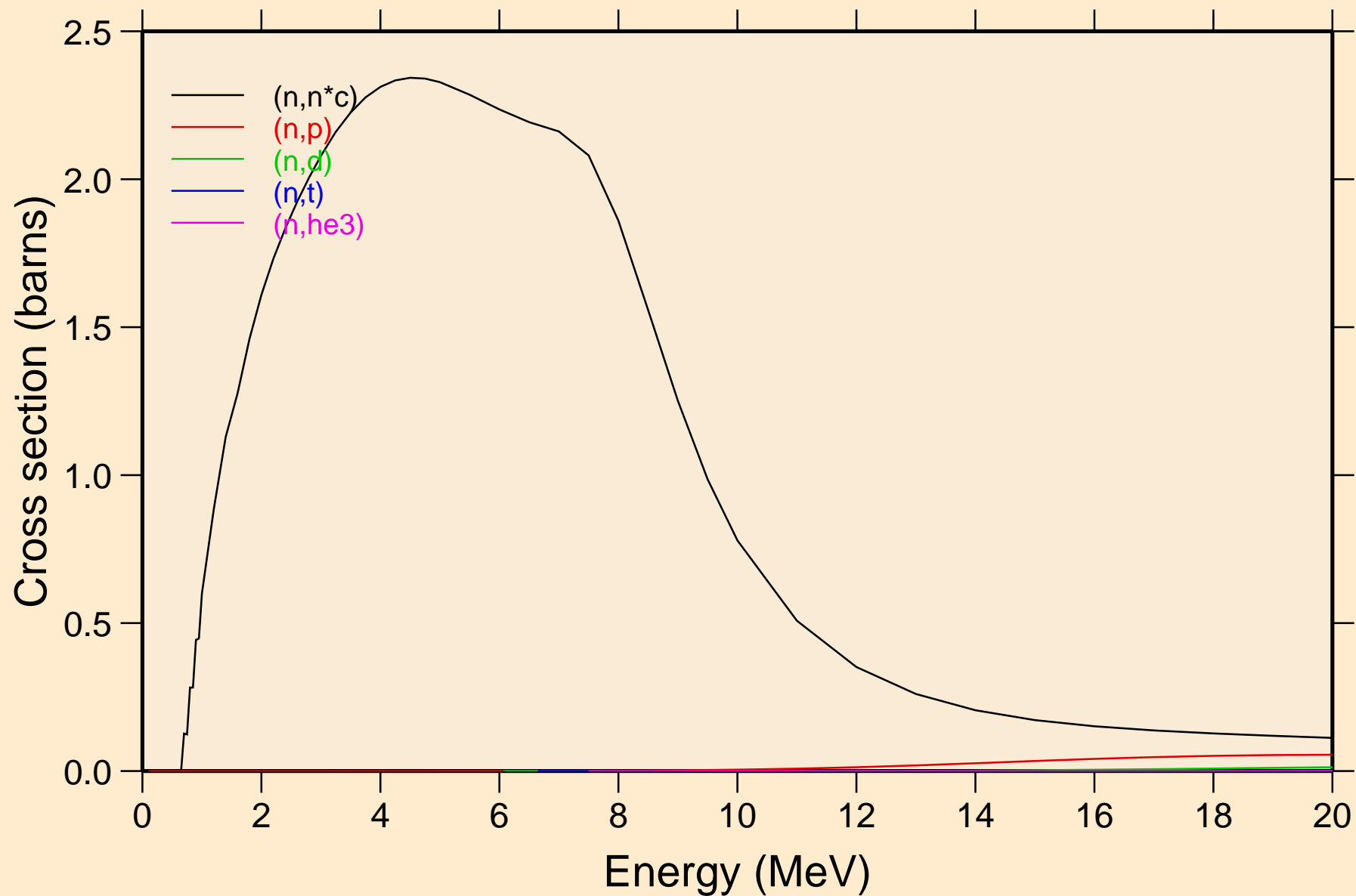


MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions

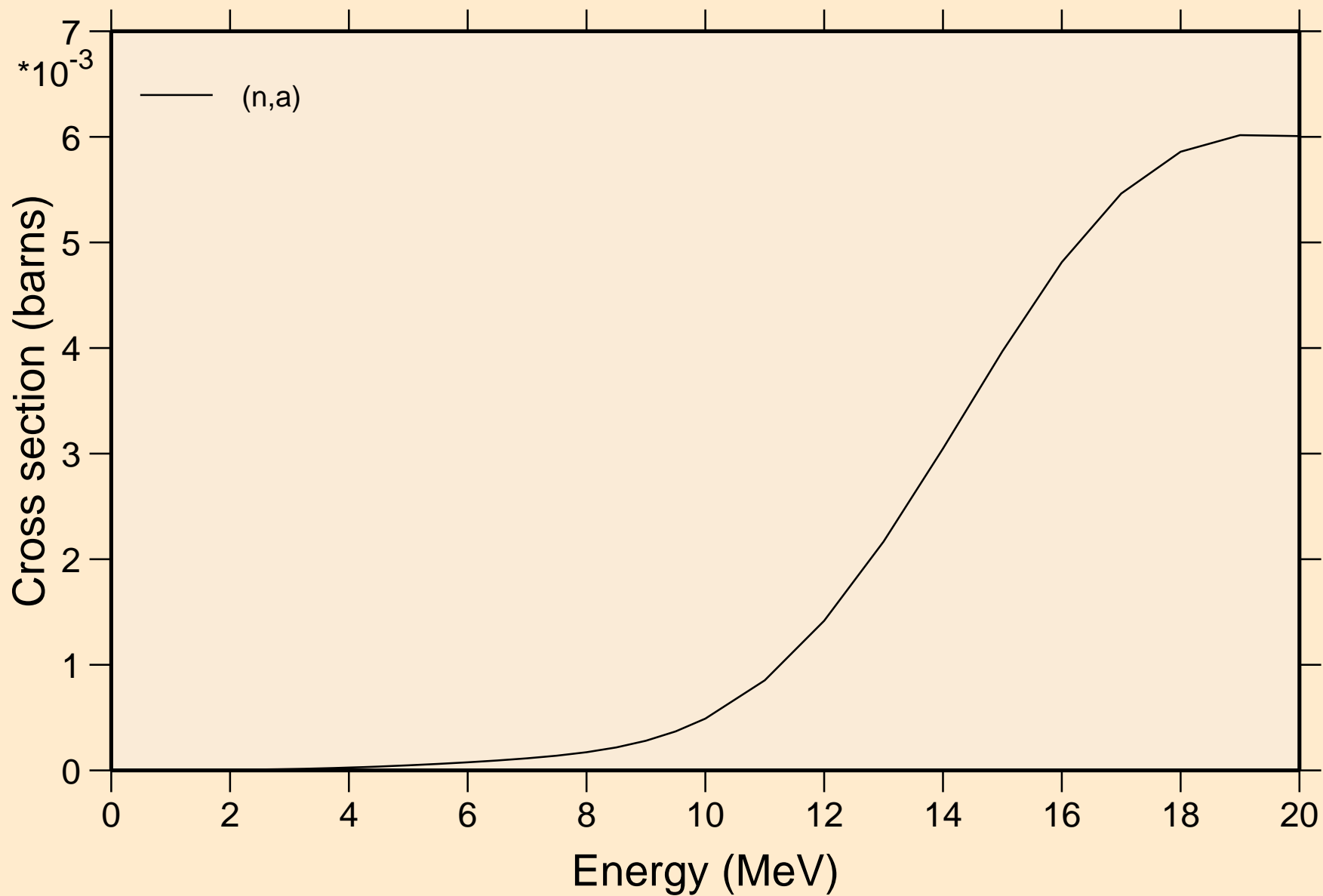




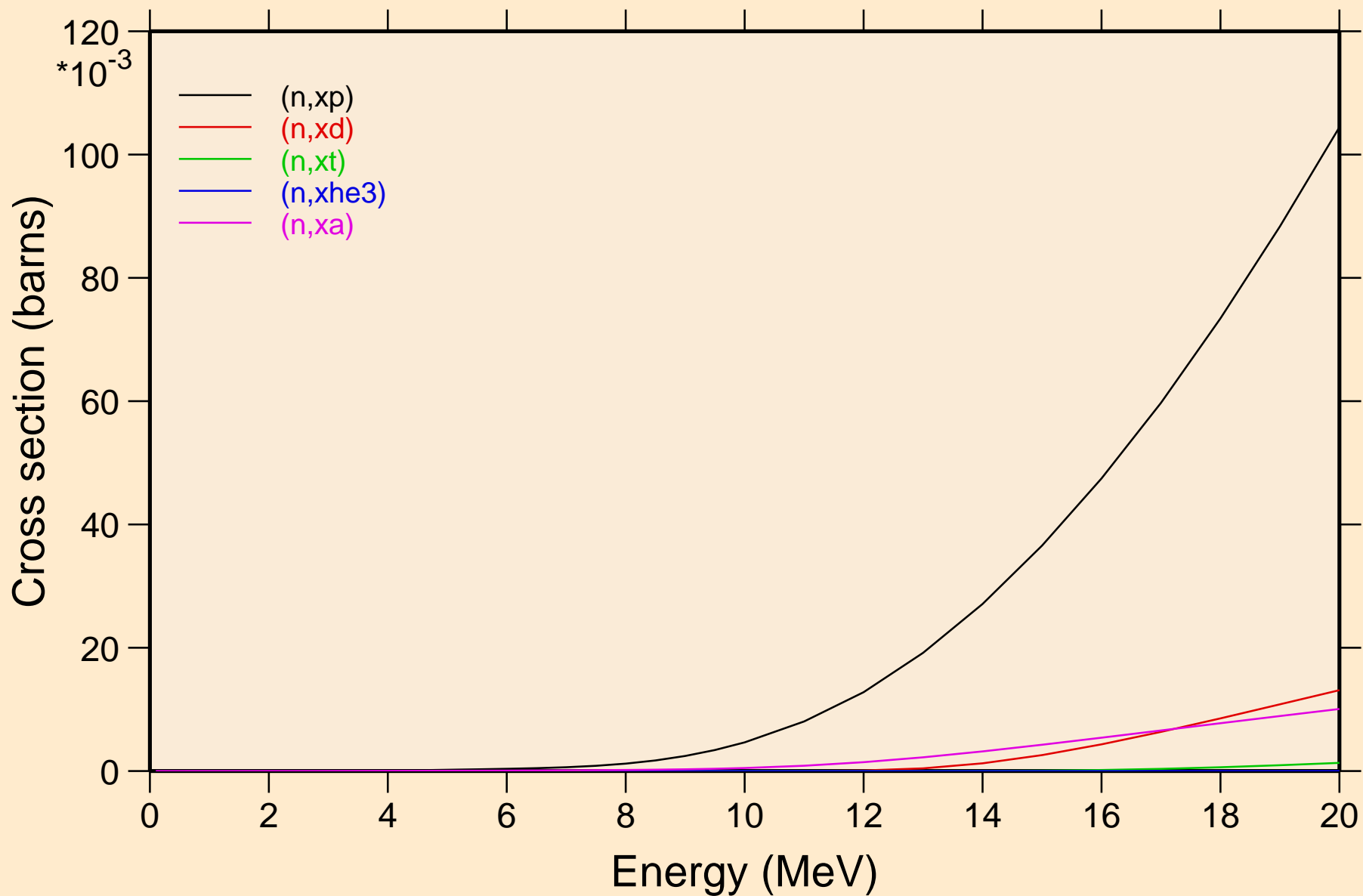
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



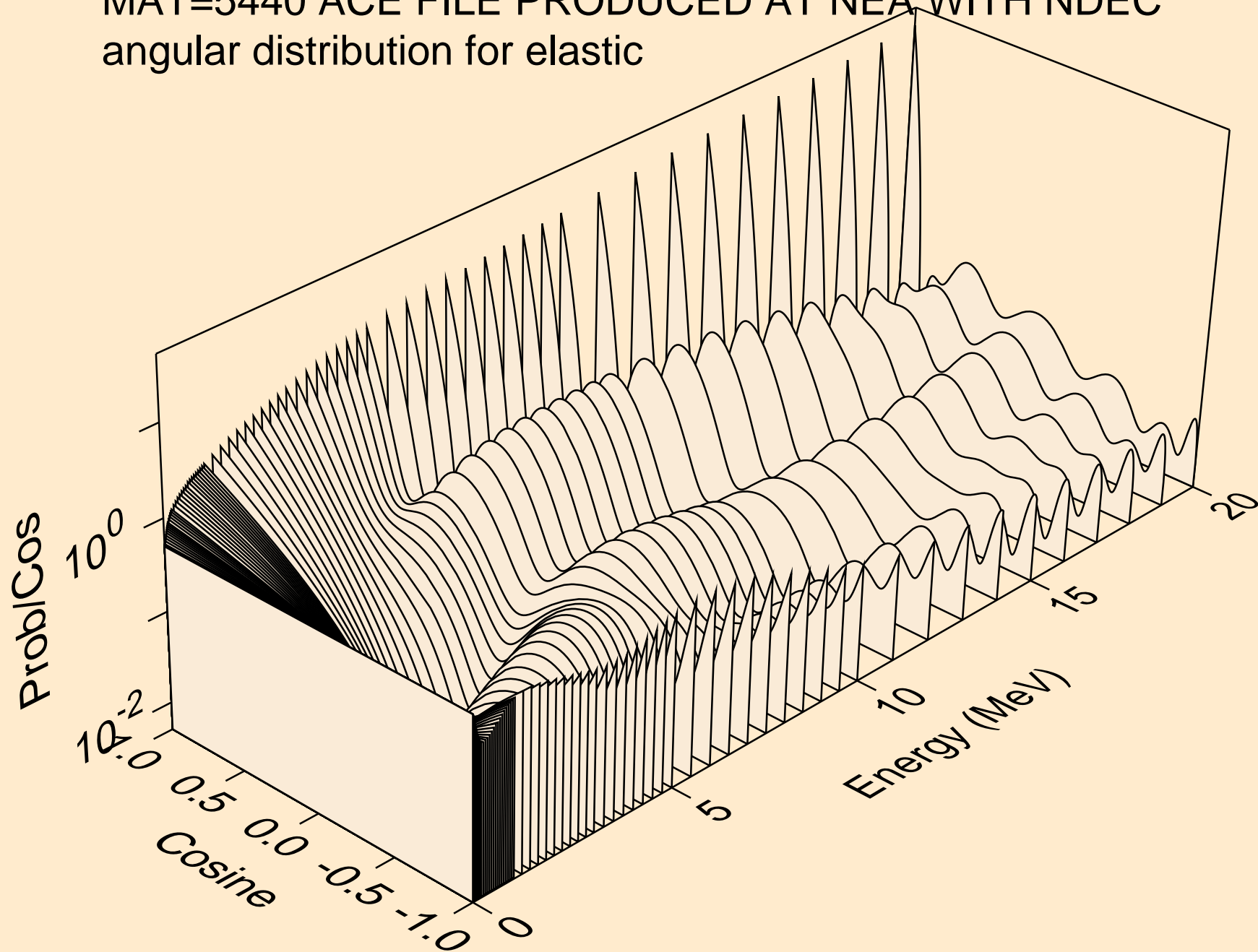
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



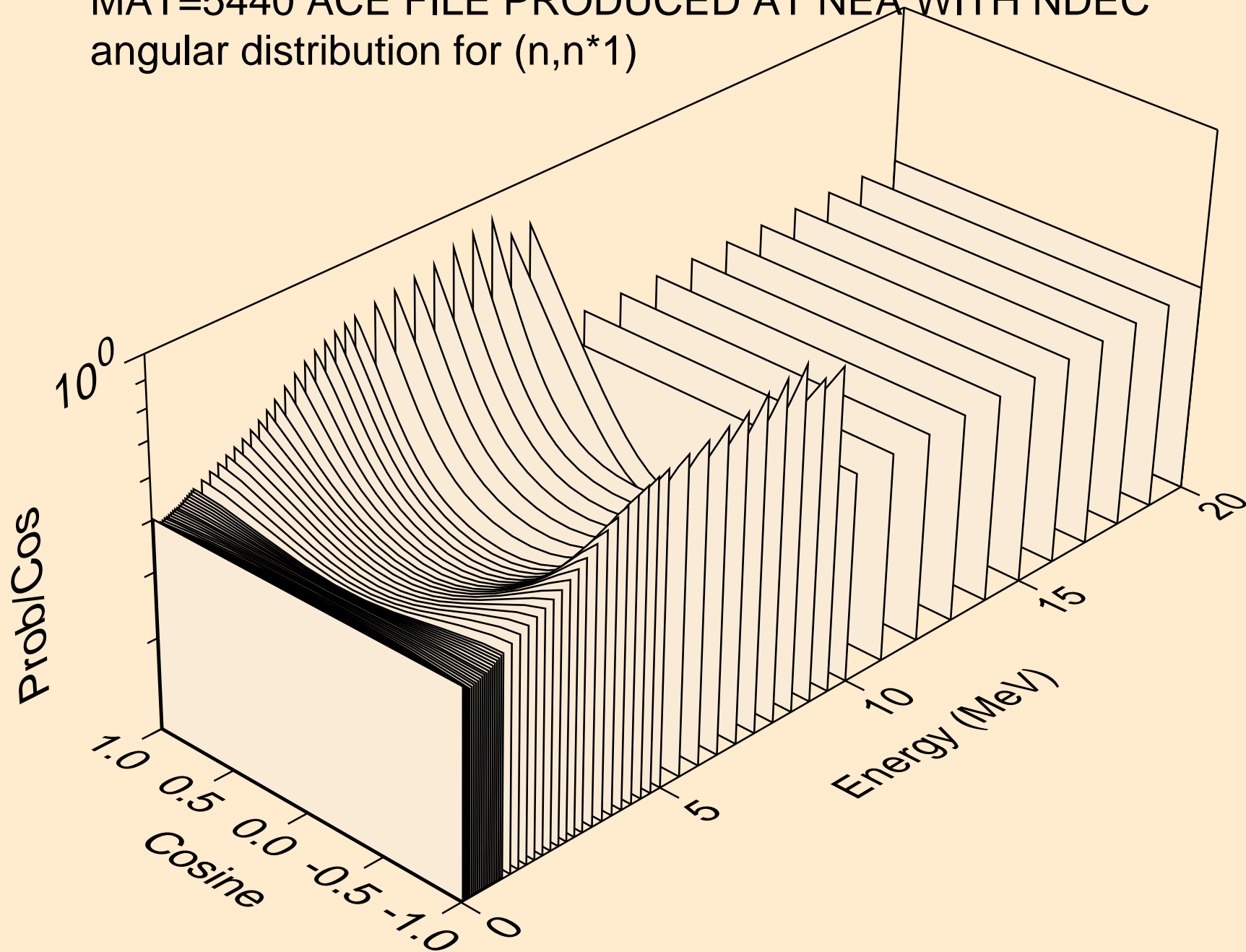
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



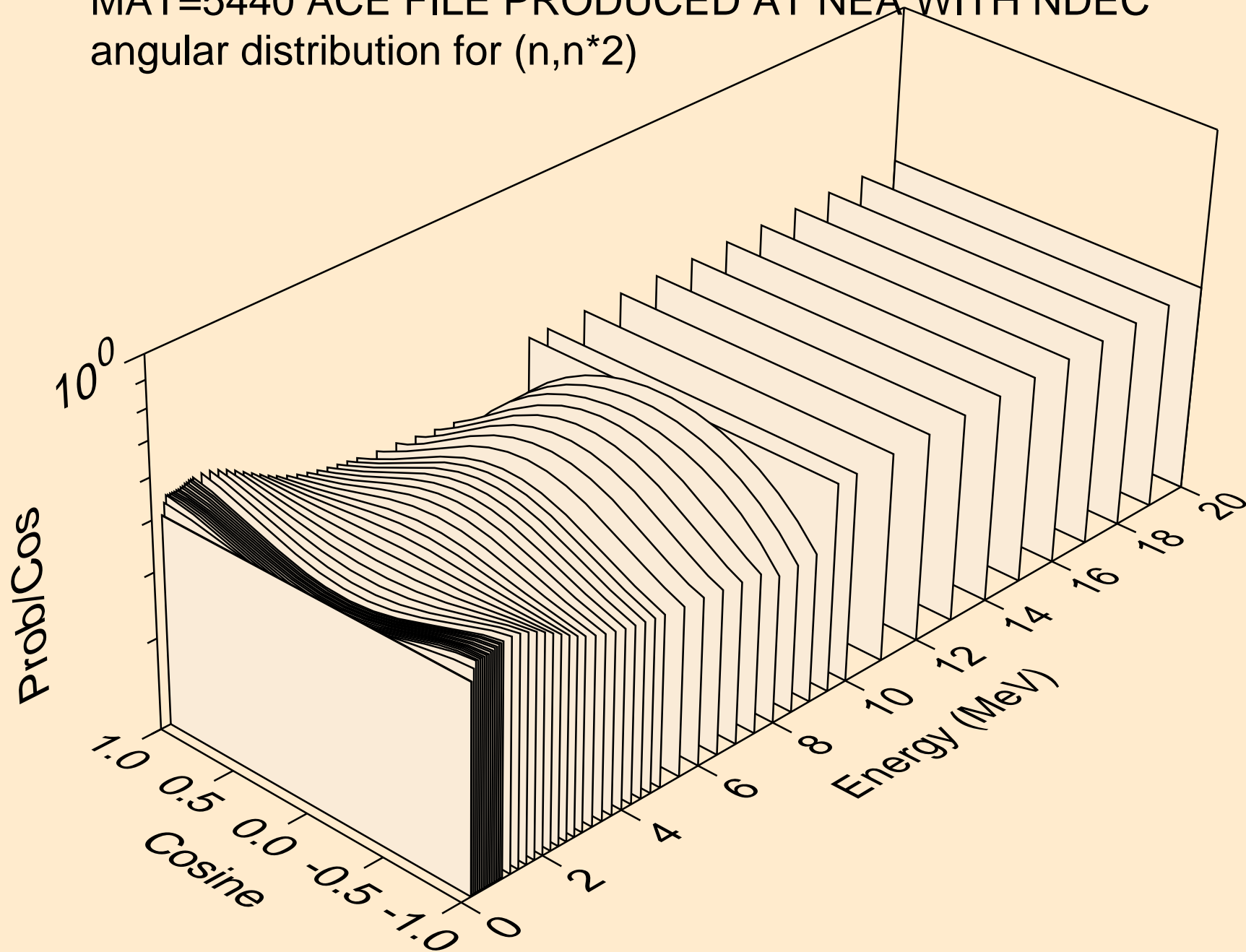
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angular distribution for elastic



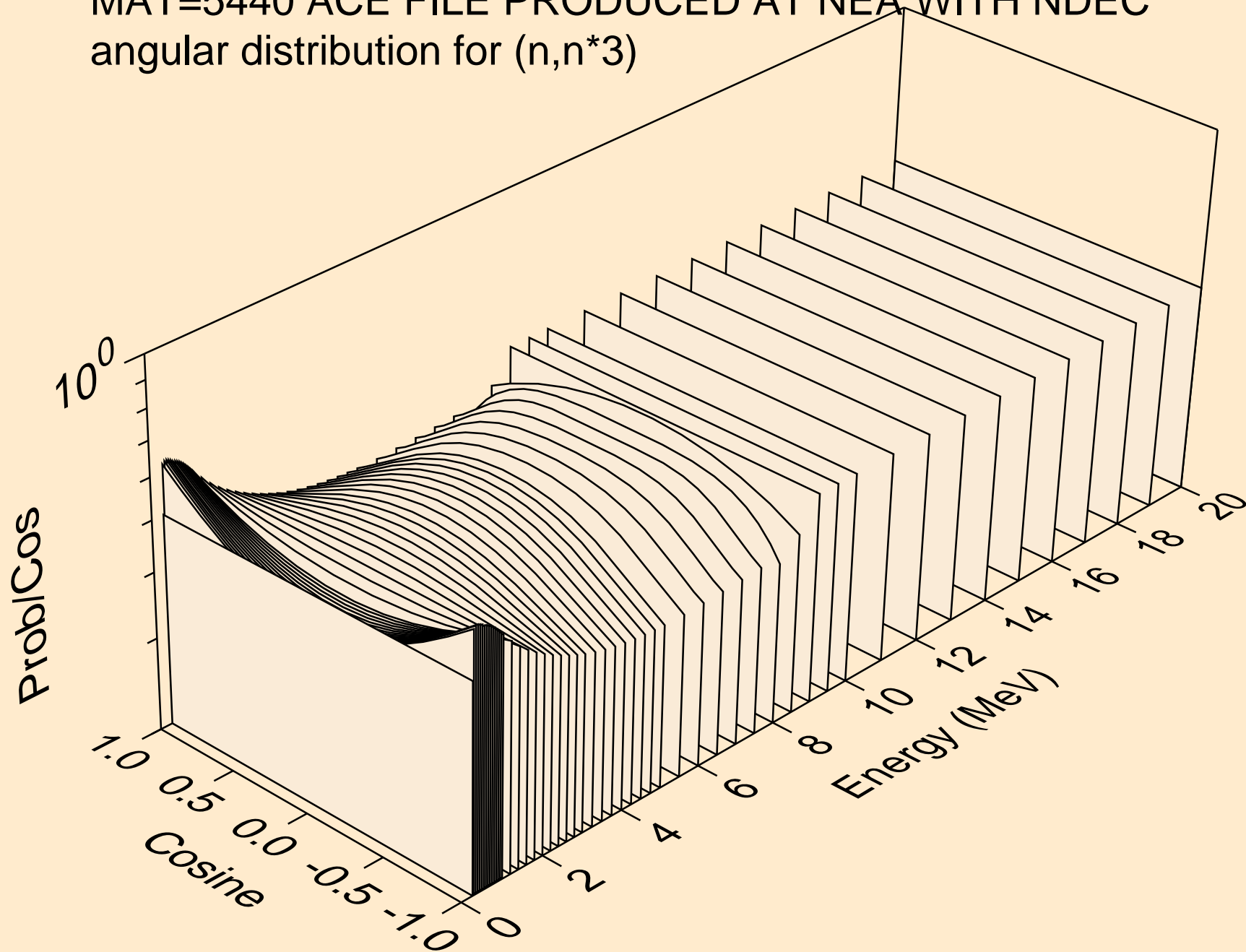
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*1)



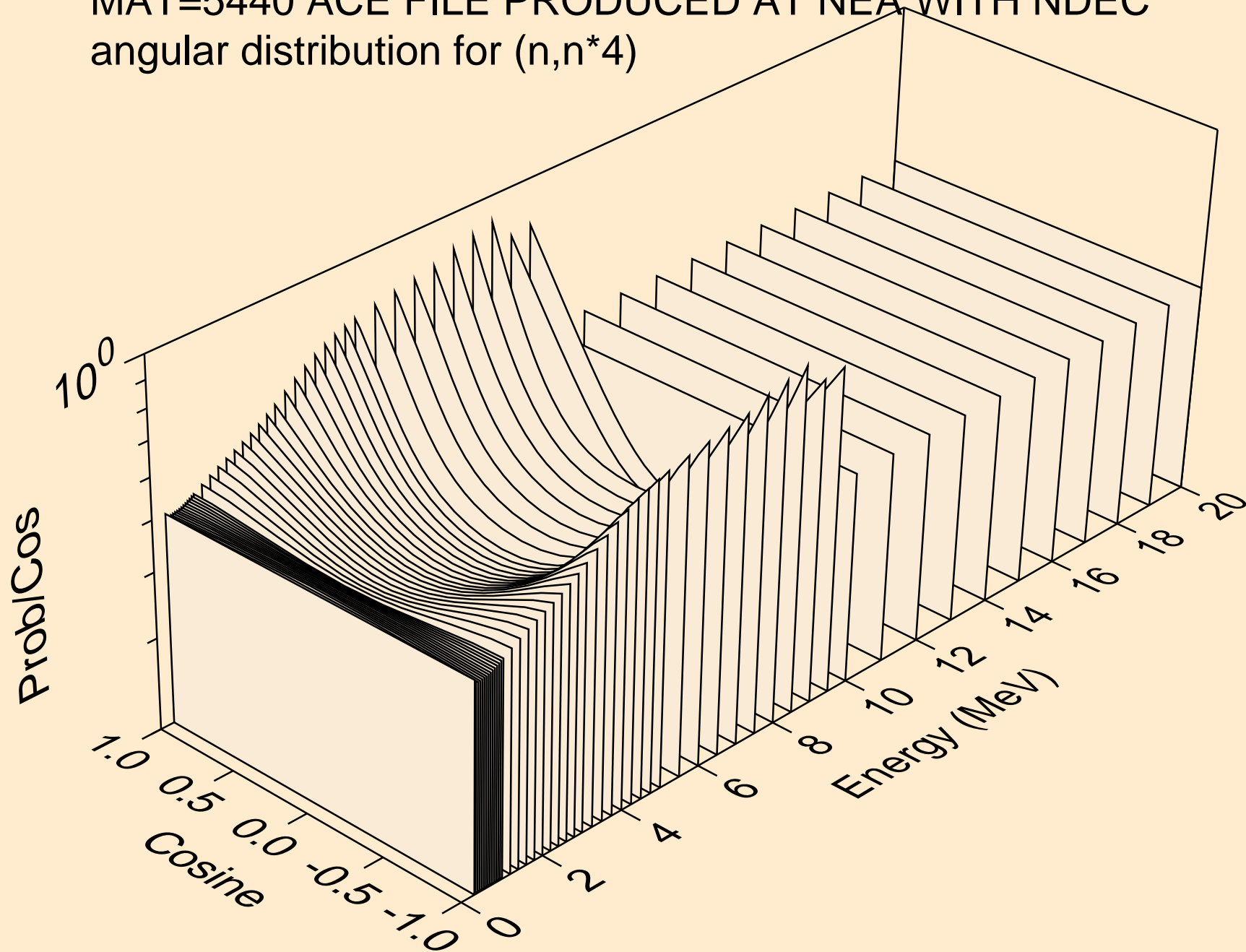
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*2)



MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*3)

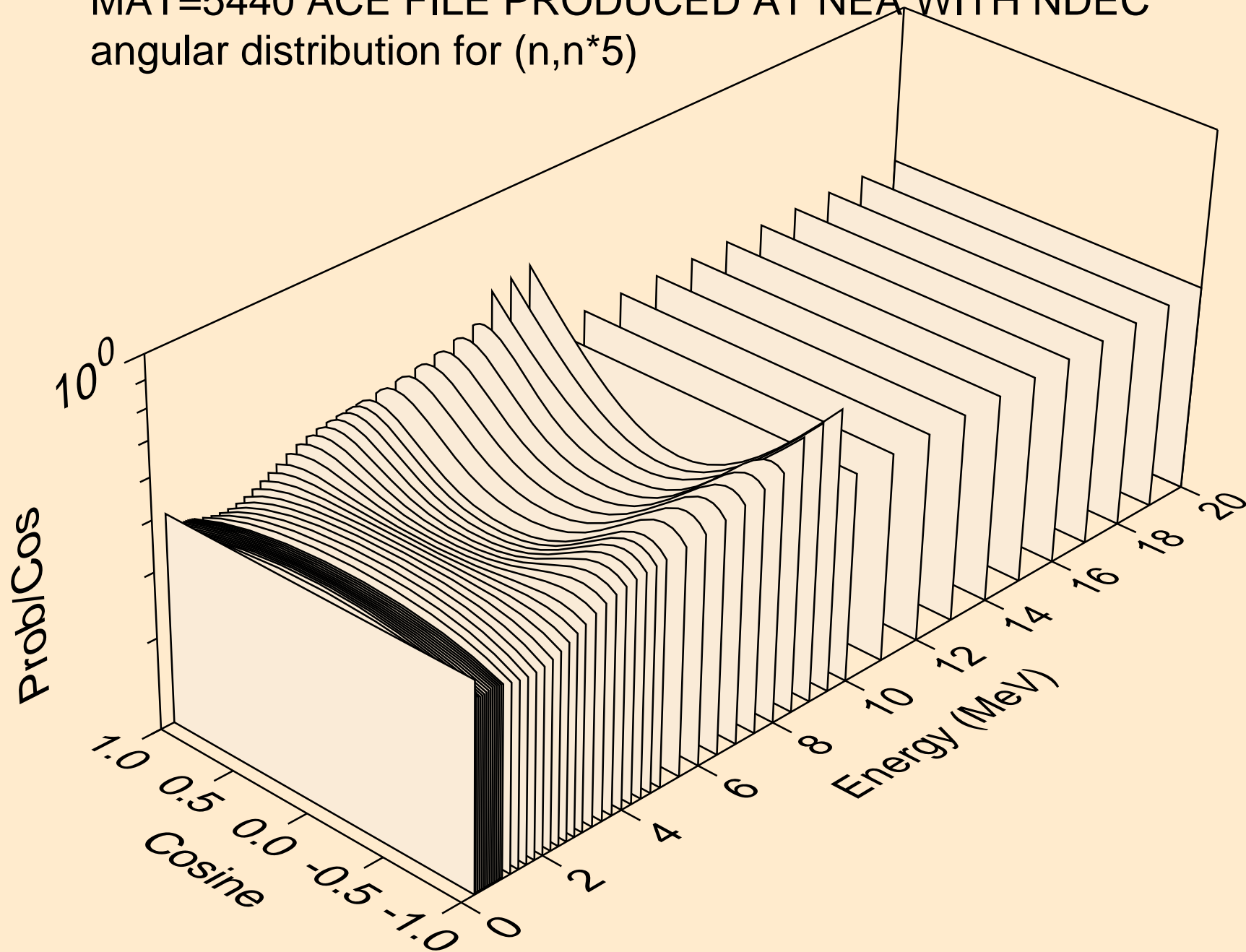


MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*4)

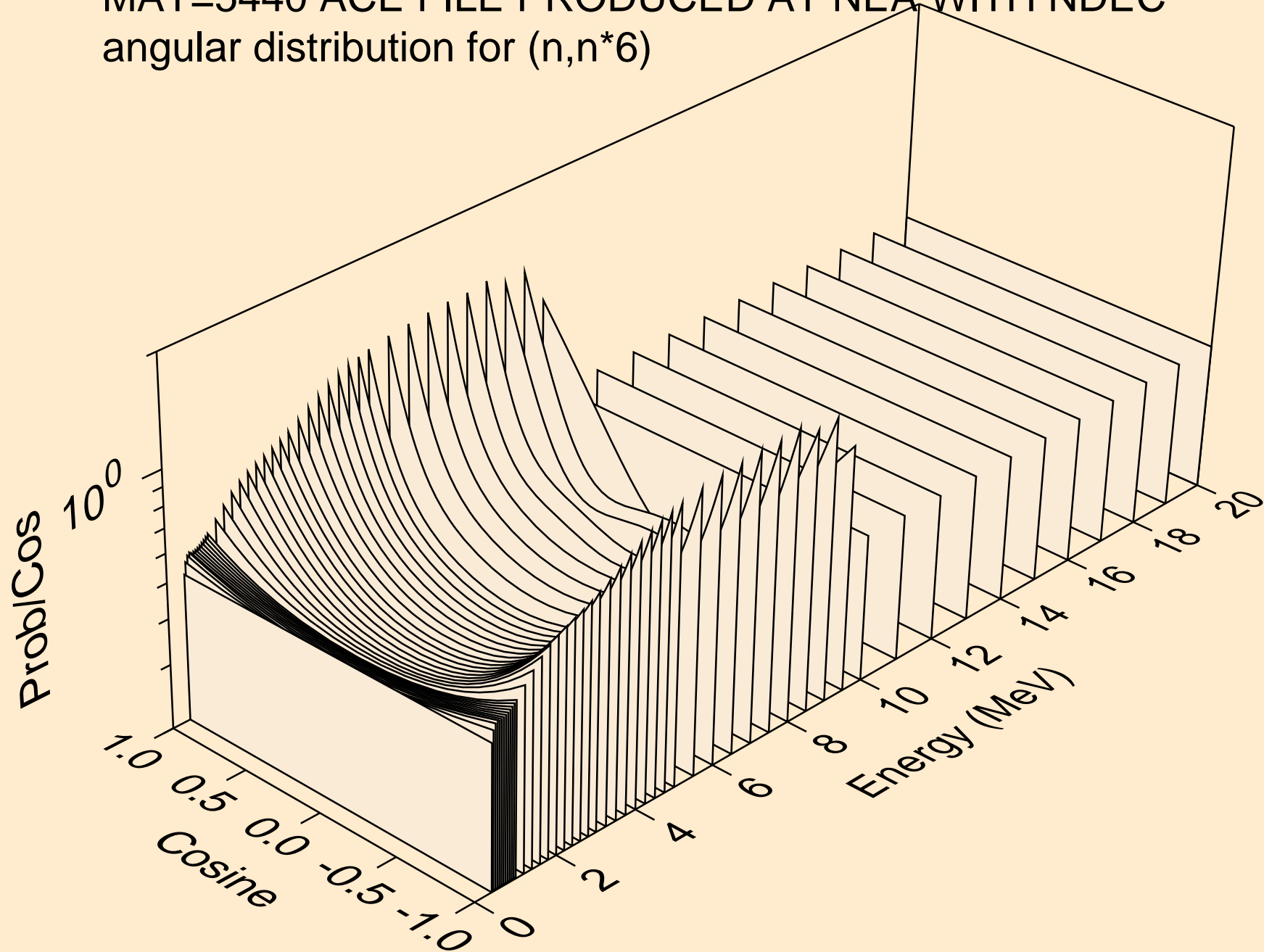




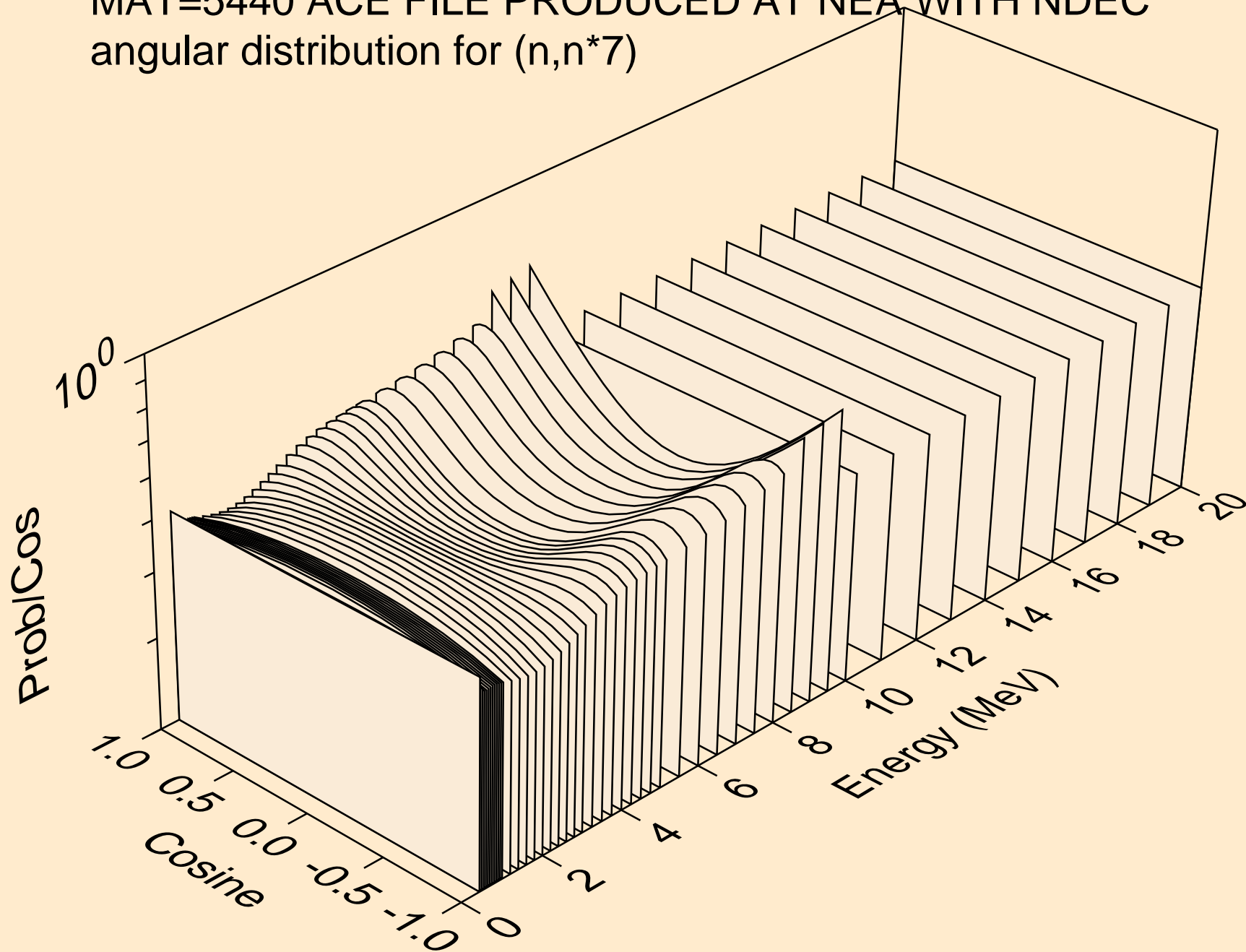
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angular distribution for (n,n\*5)



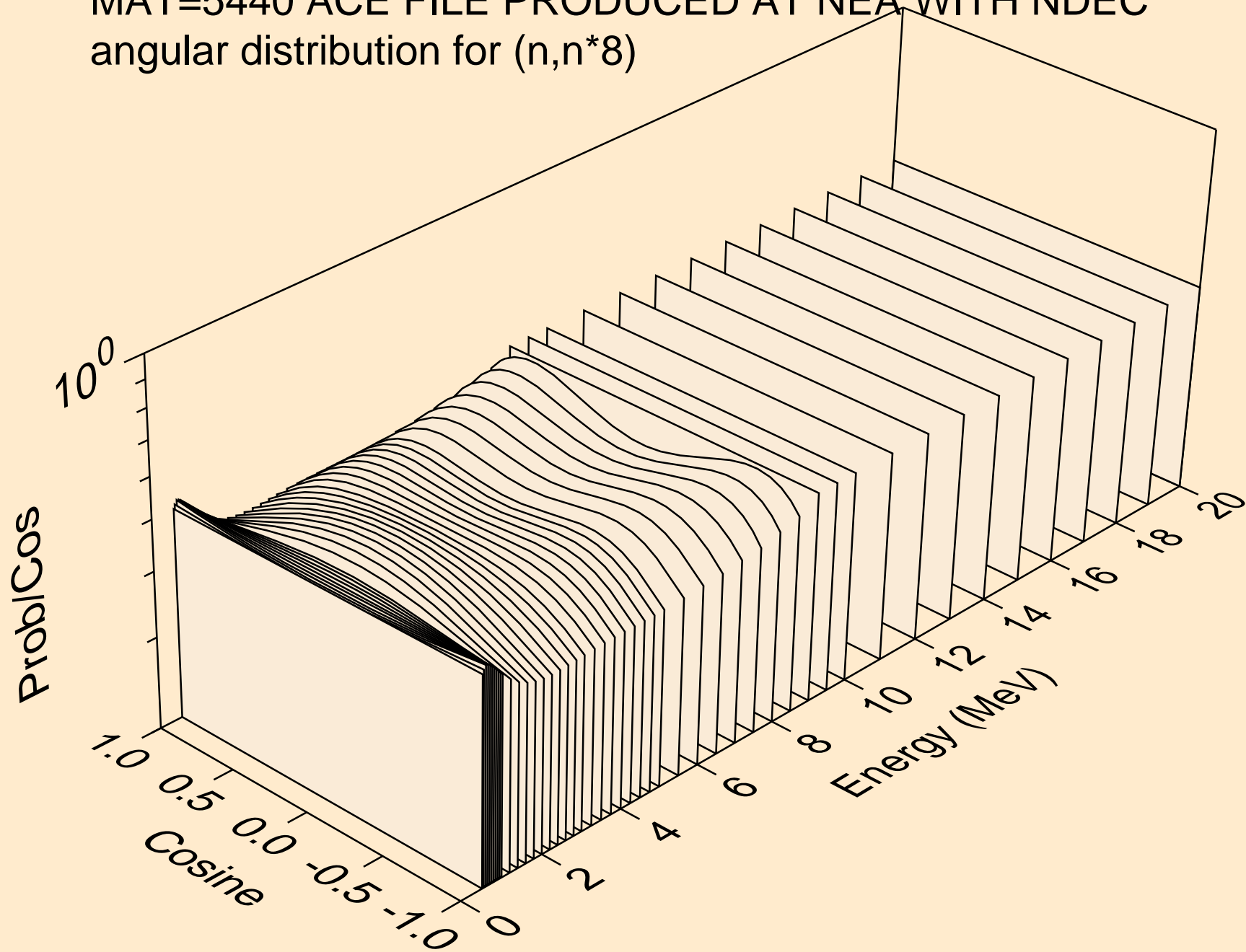
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*6)



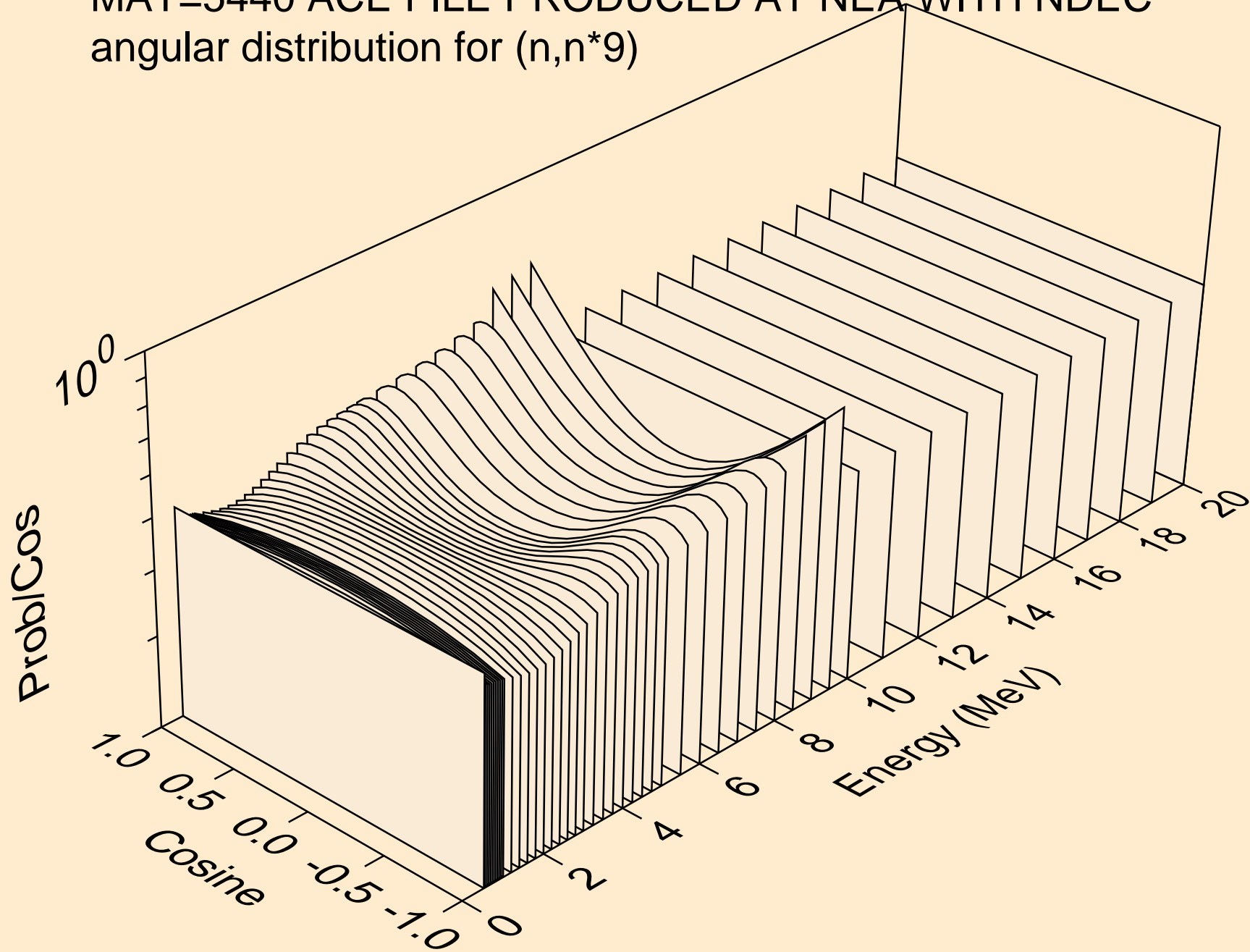
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angular distribution for (n,n\*7)



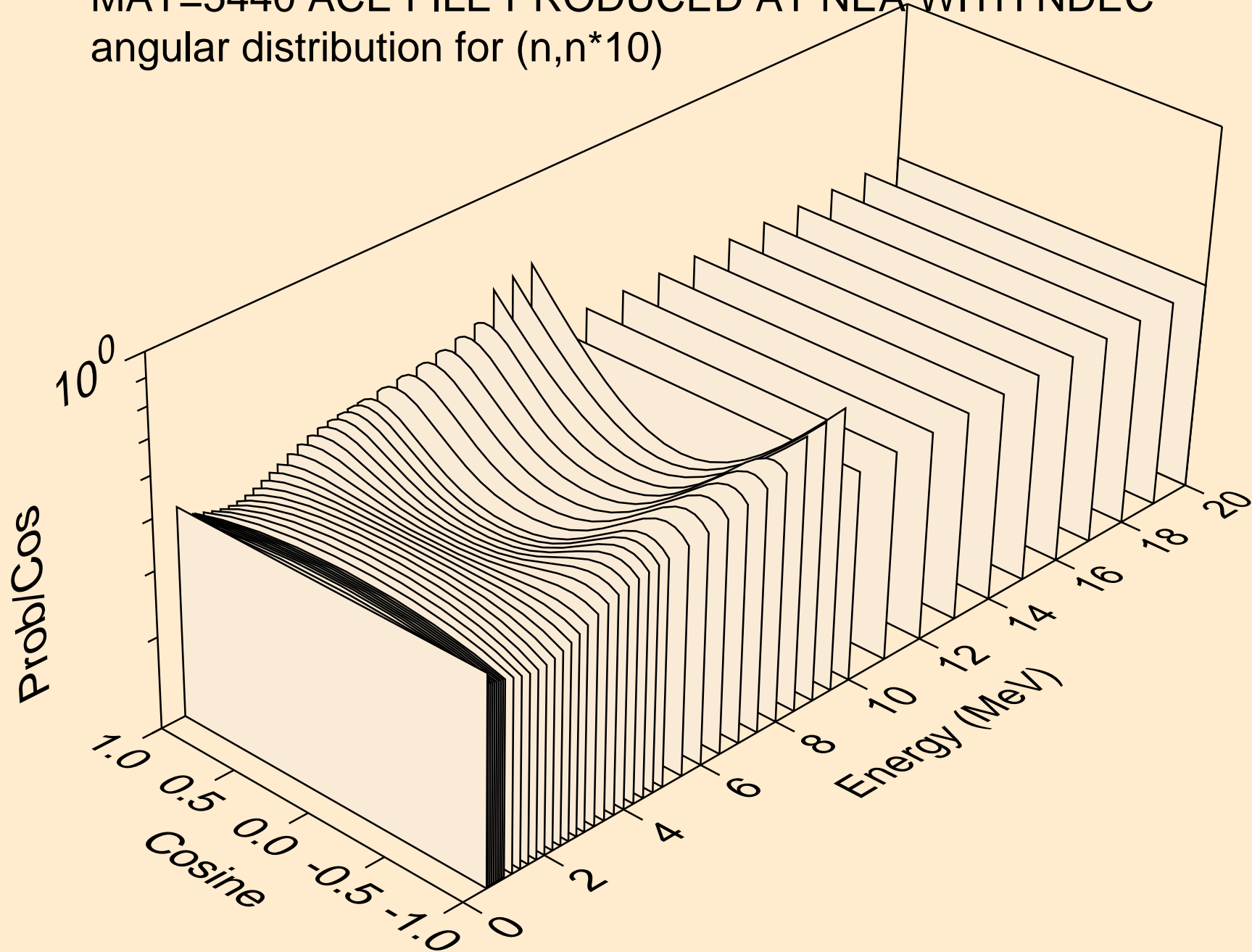
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angular distribution for (n,n\*8)



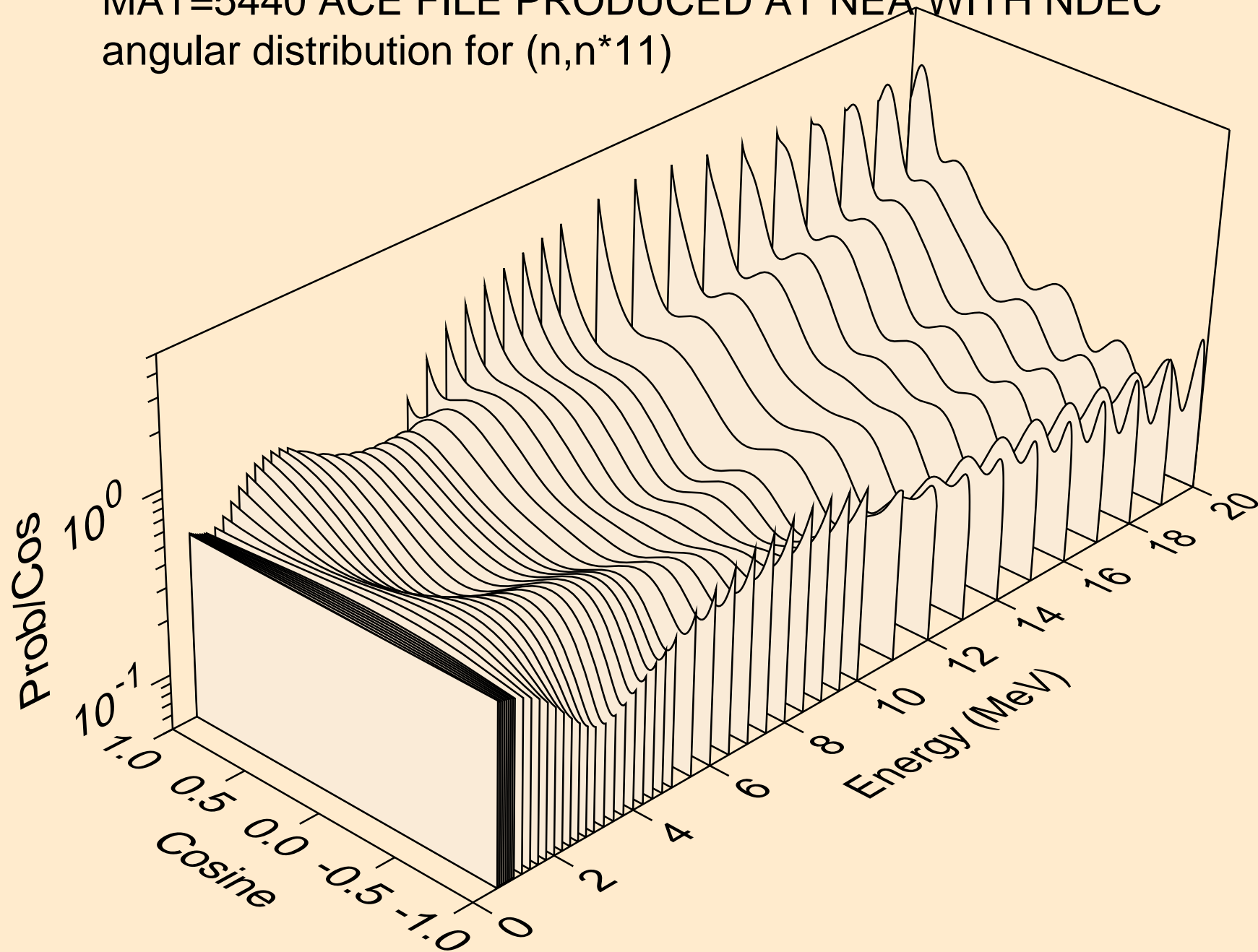
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angular distribution for (n,n\*9)



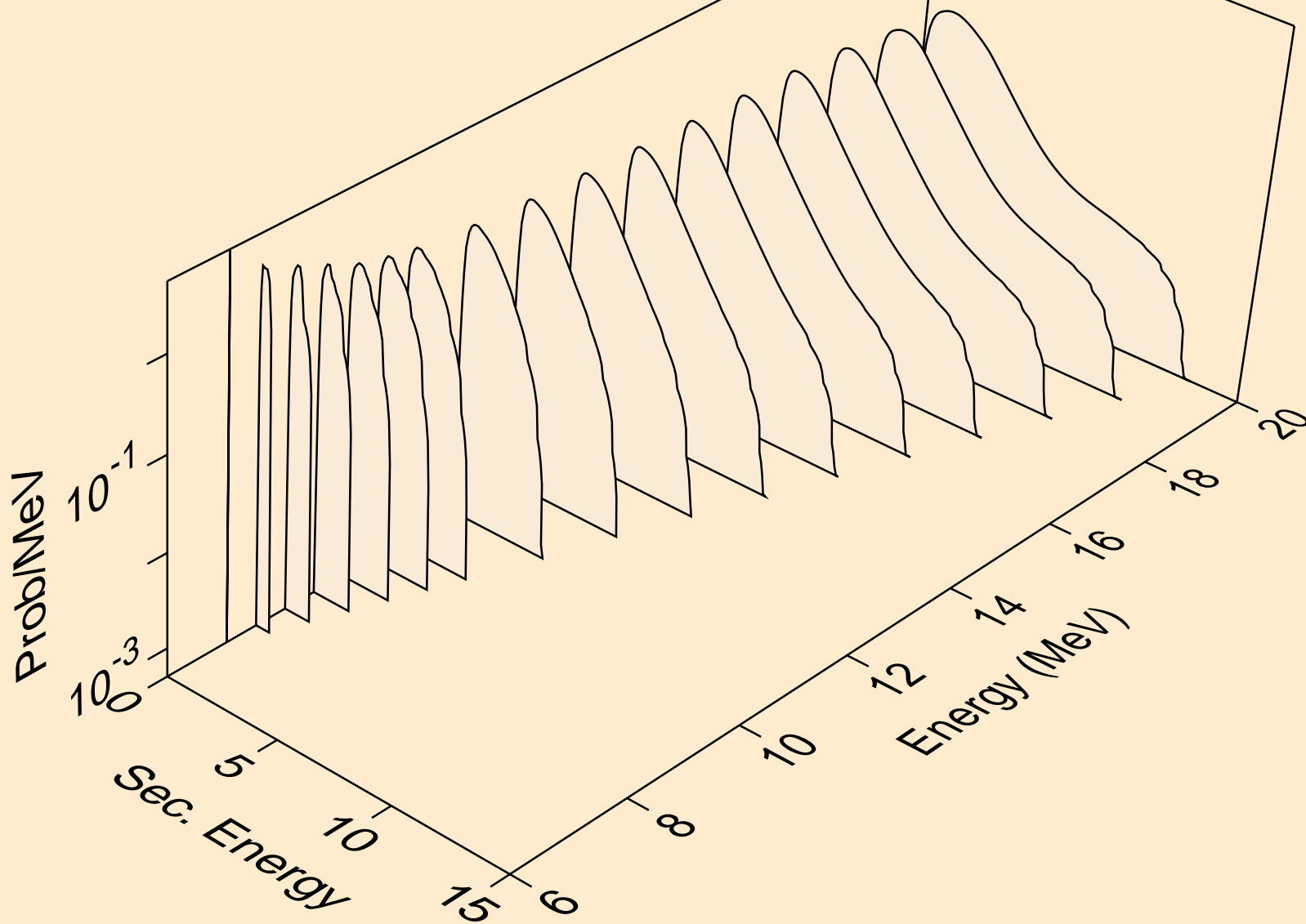
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angular distribution for (n,n\*10)



MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*11)

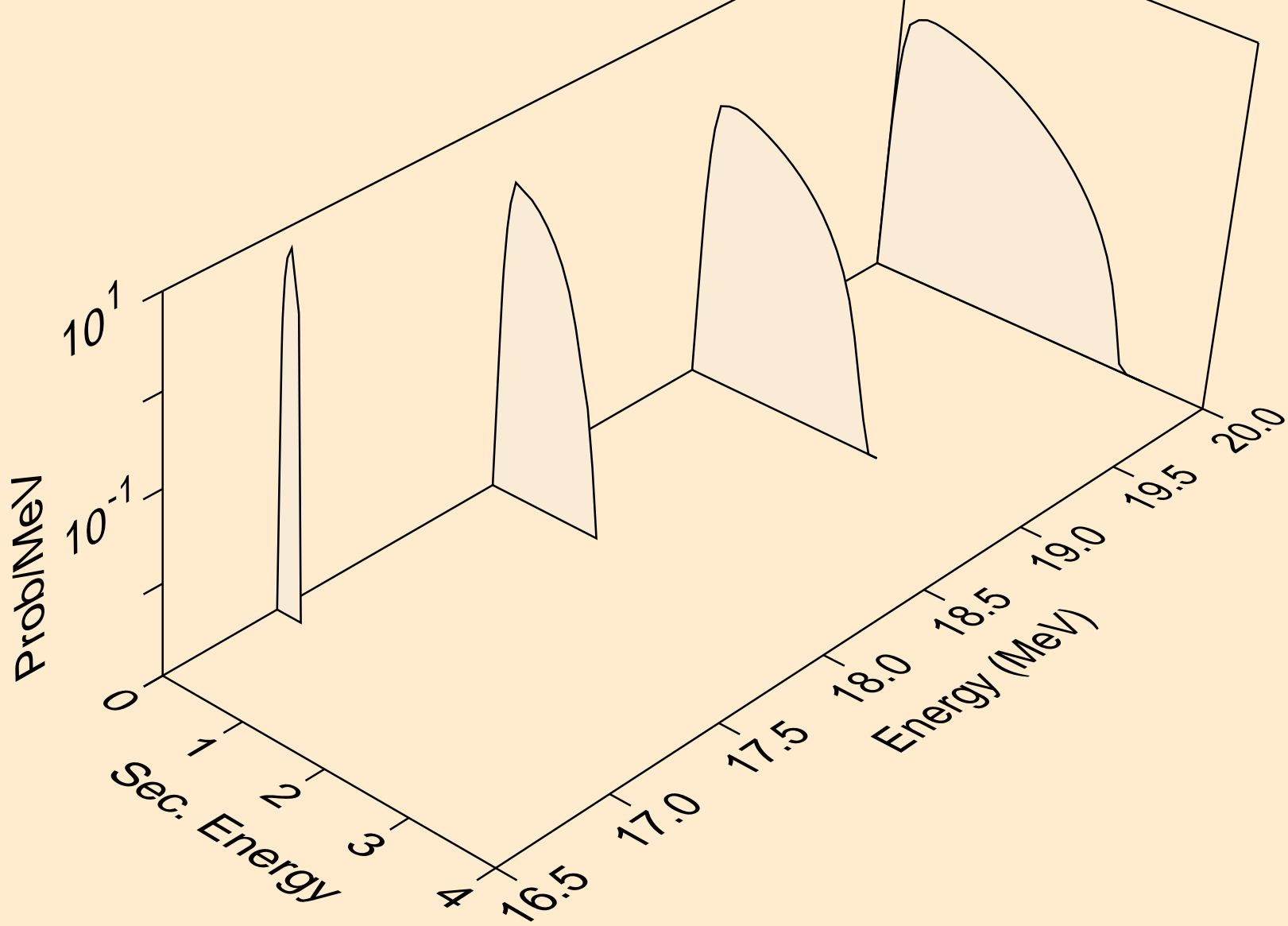


MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2n)

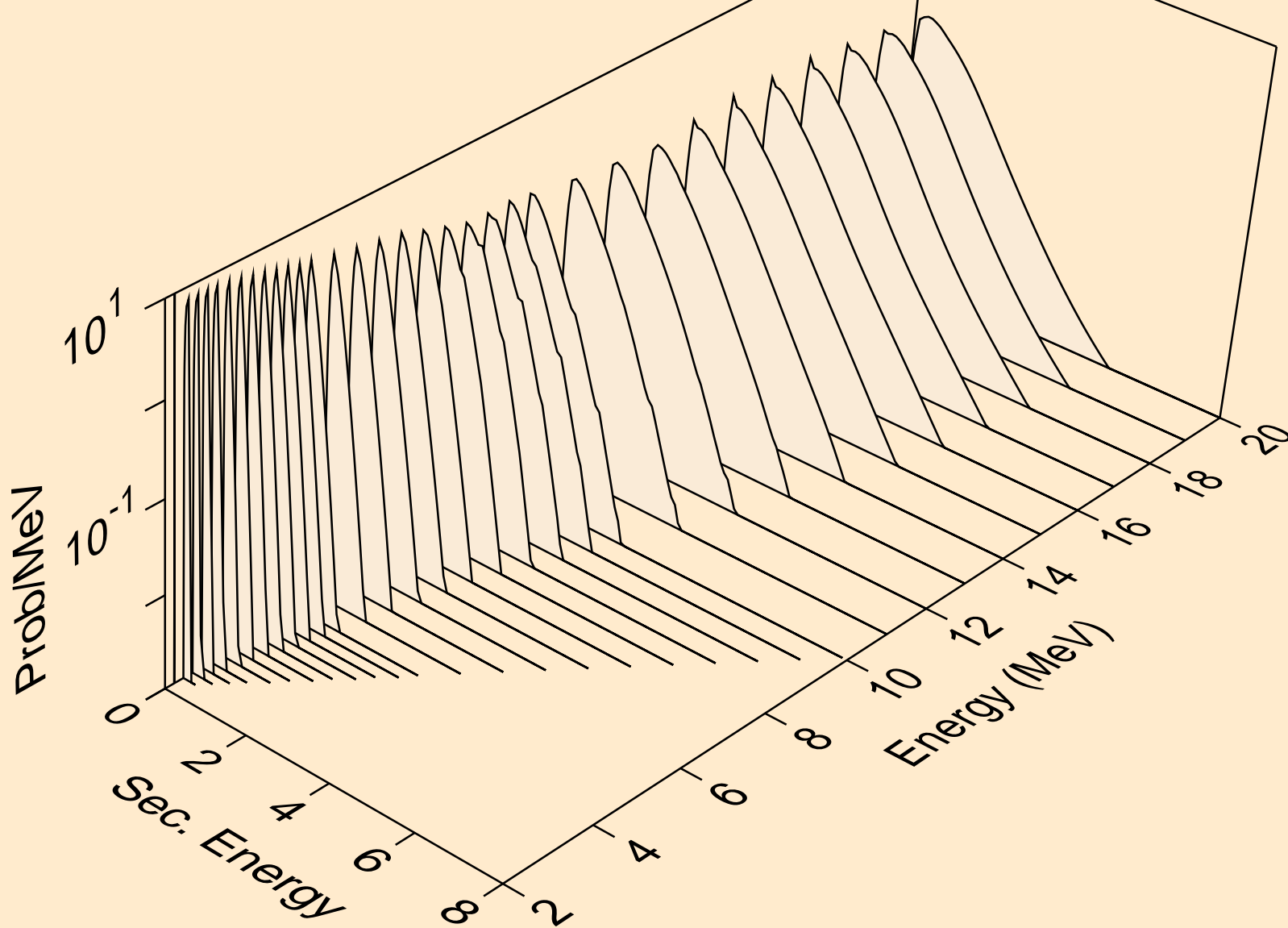




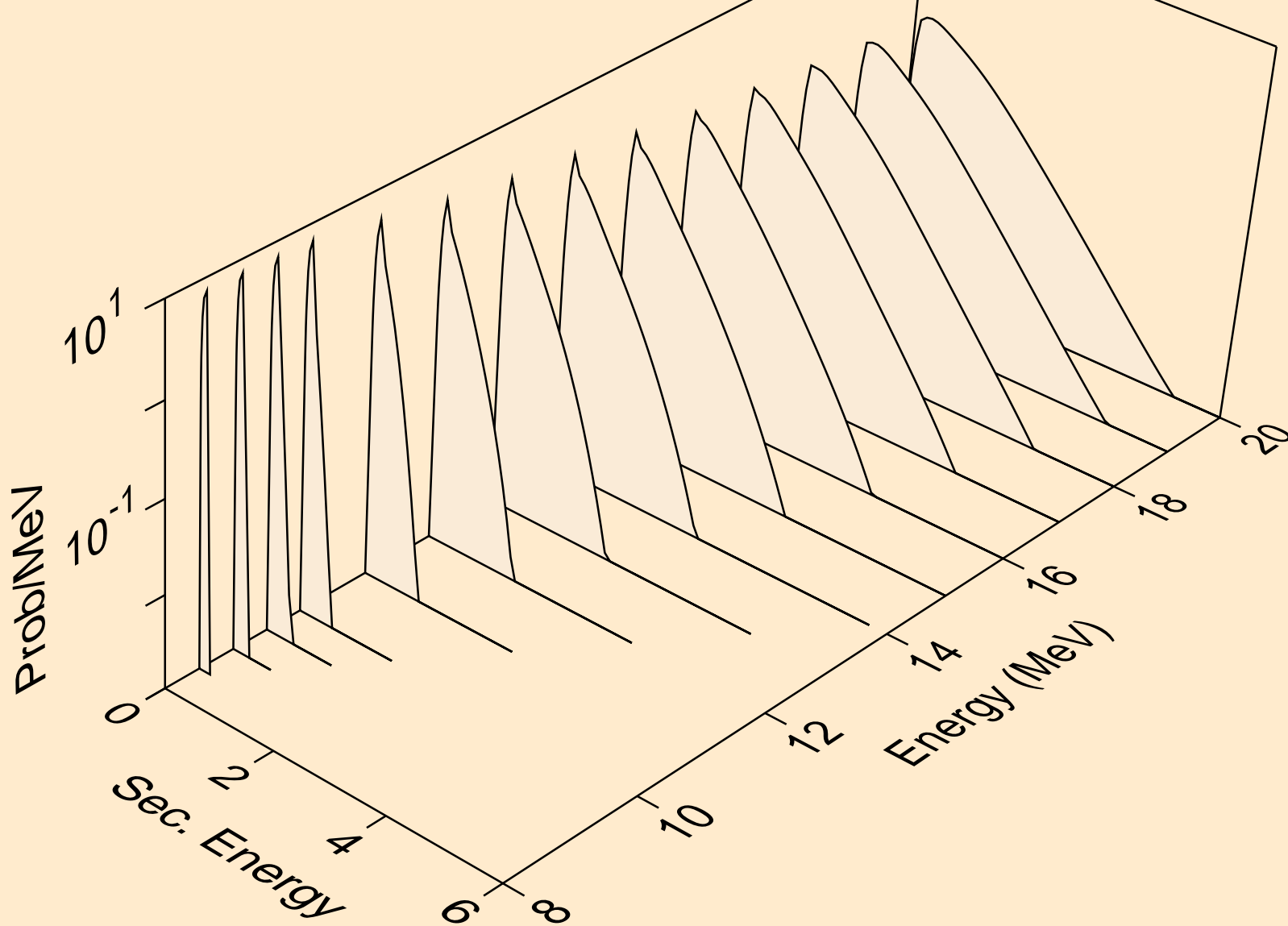
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,3n)



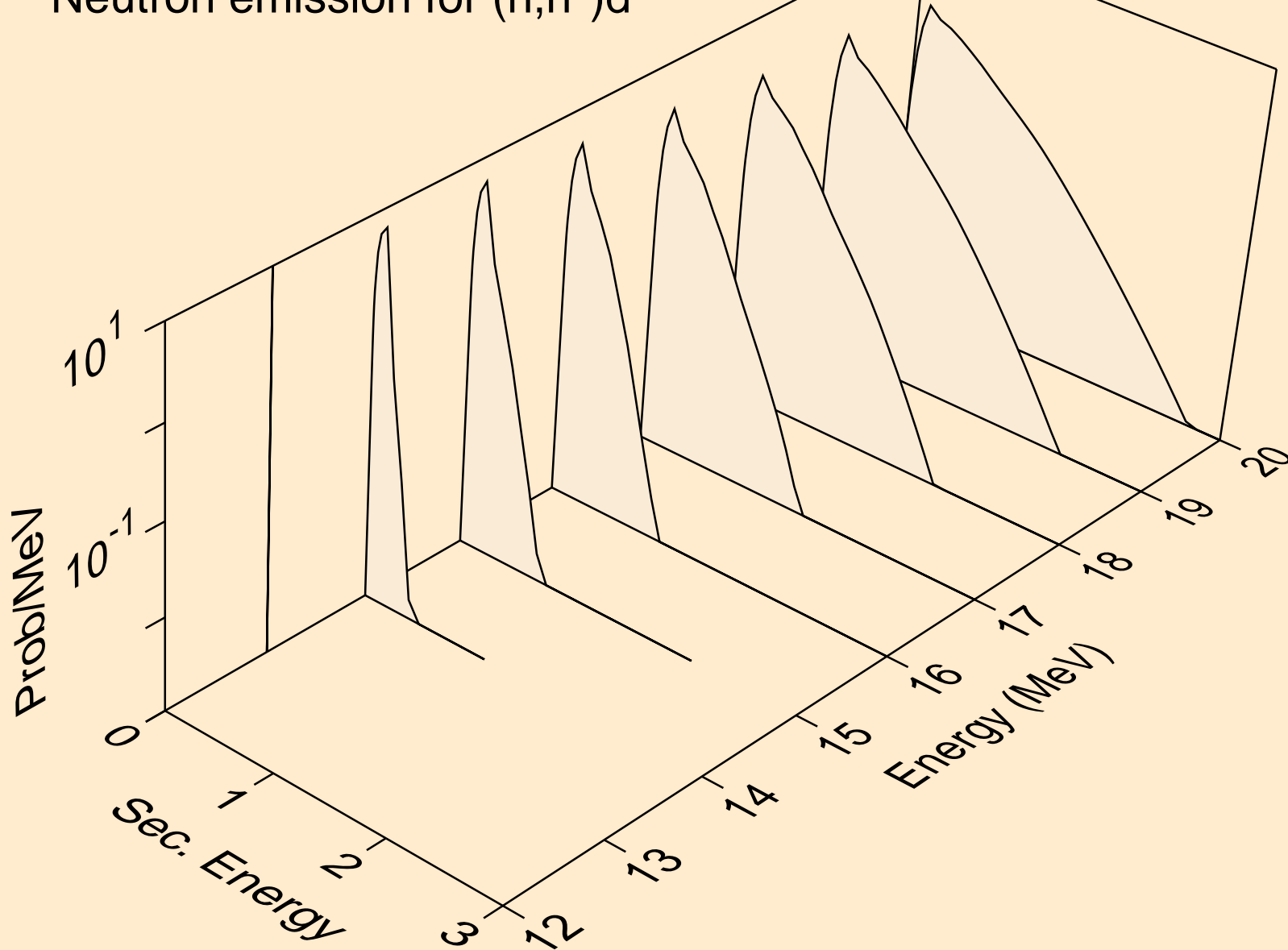
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)a



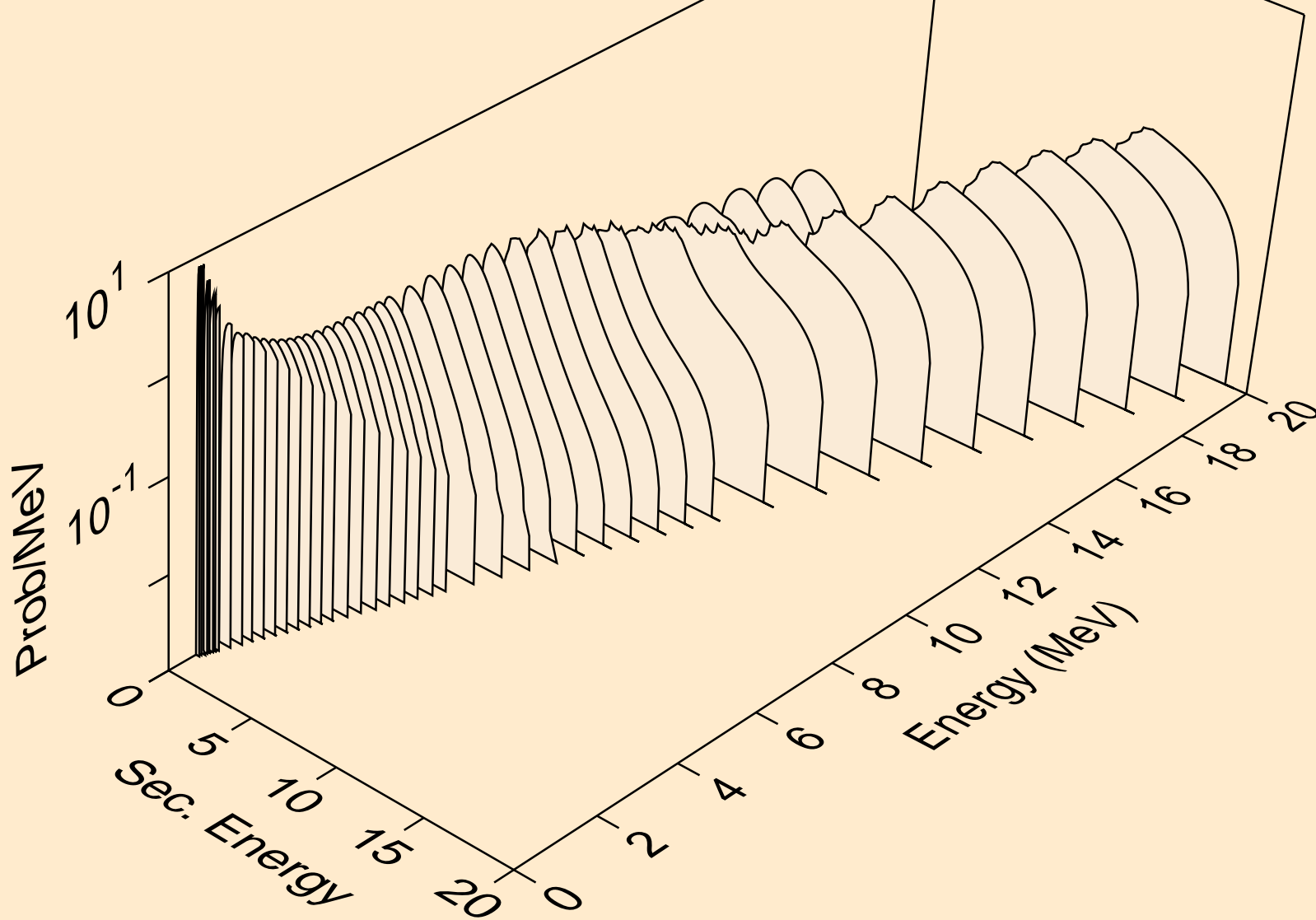
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)p



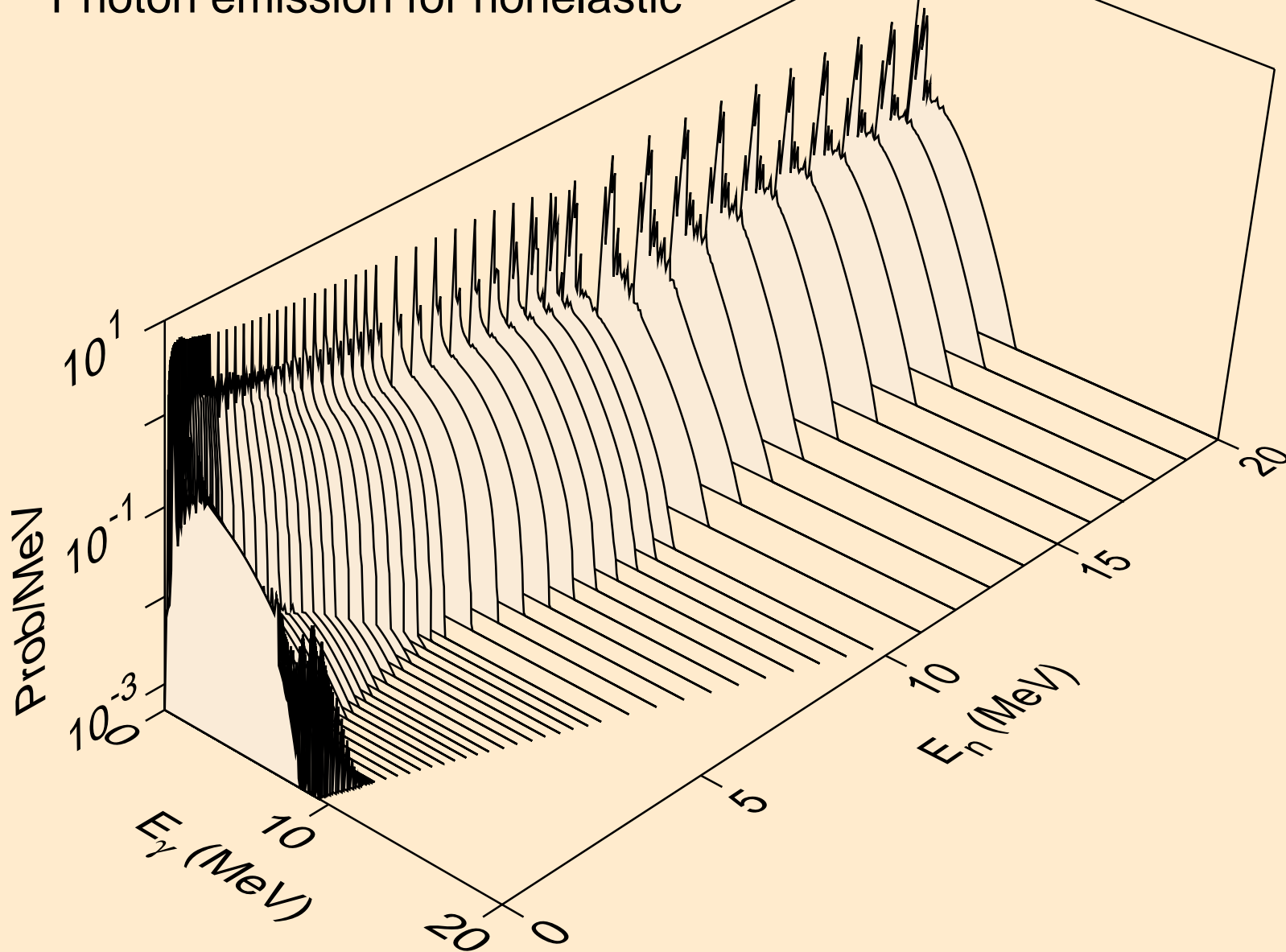
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)d



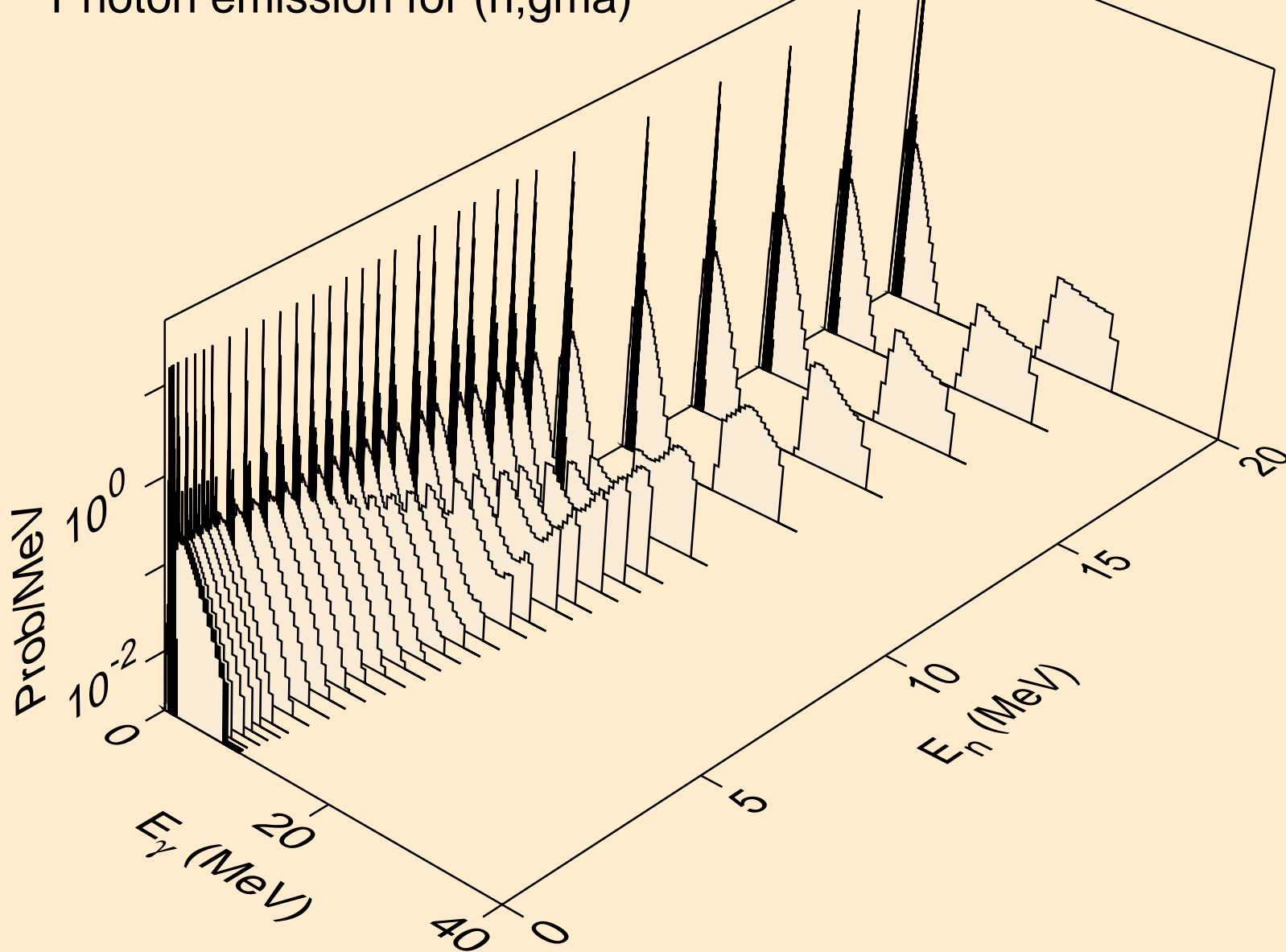
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*c)



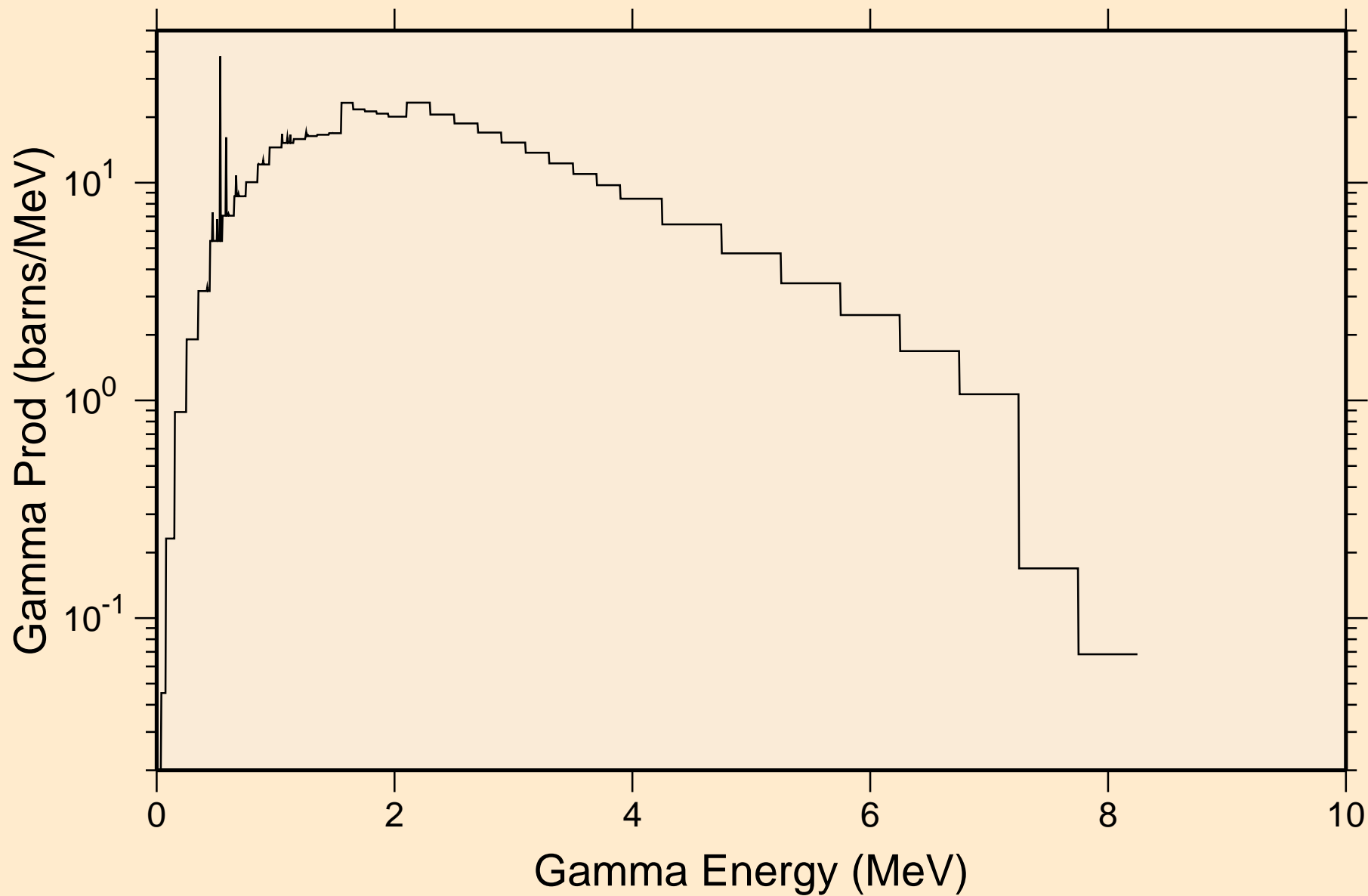
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for nonelastic



MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,gma)

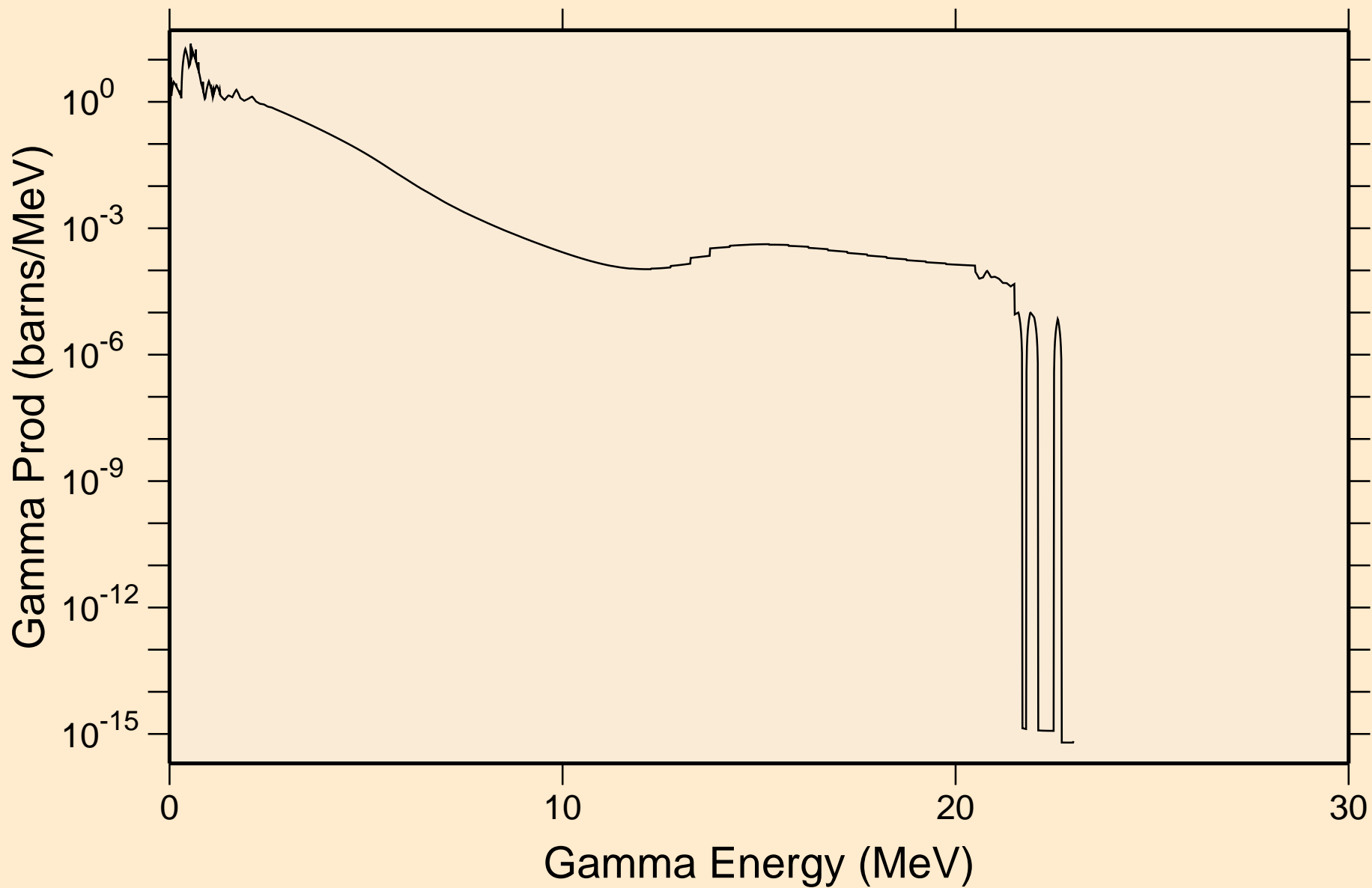


MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
thermal capture photon spectrum

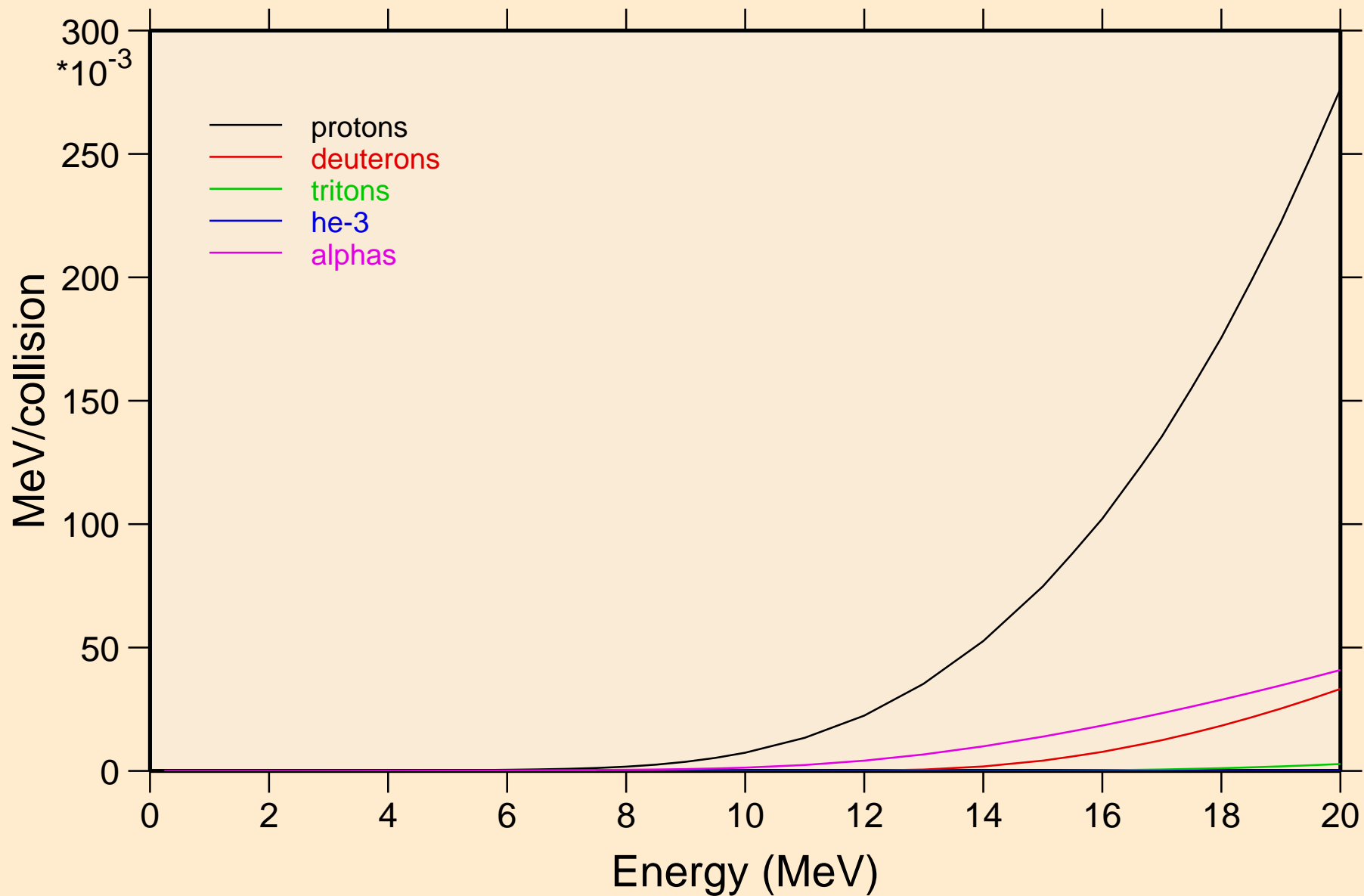




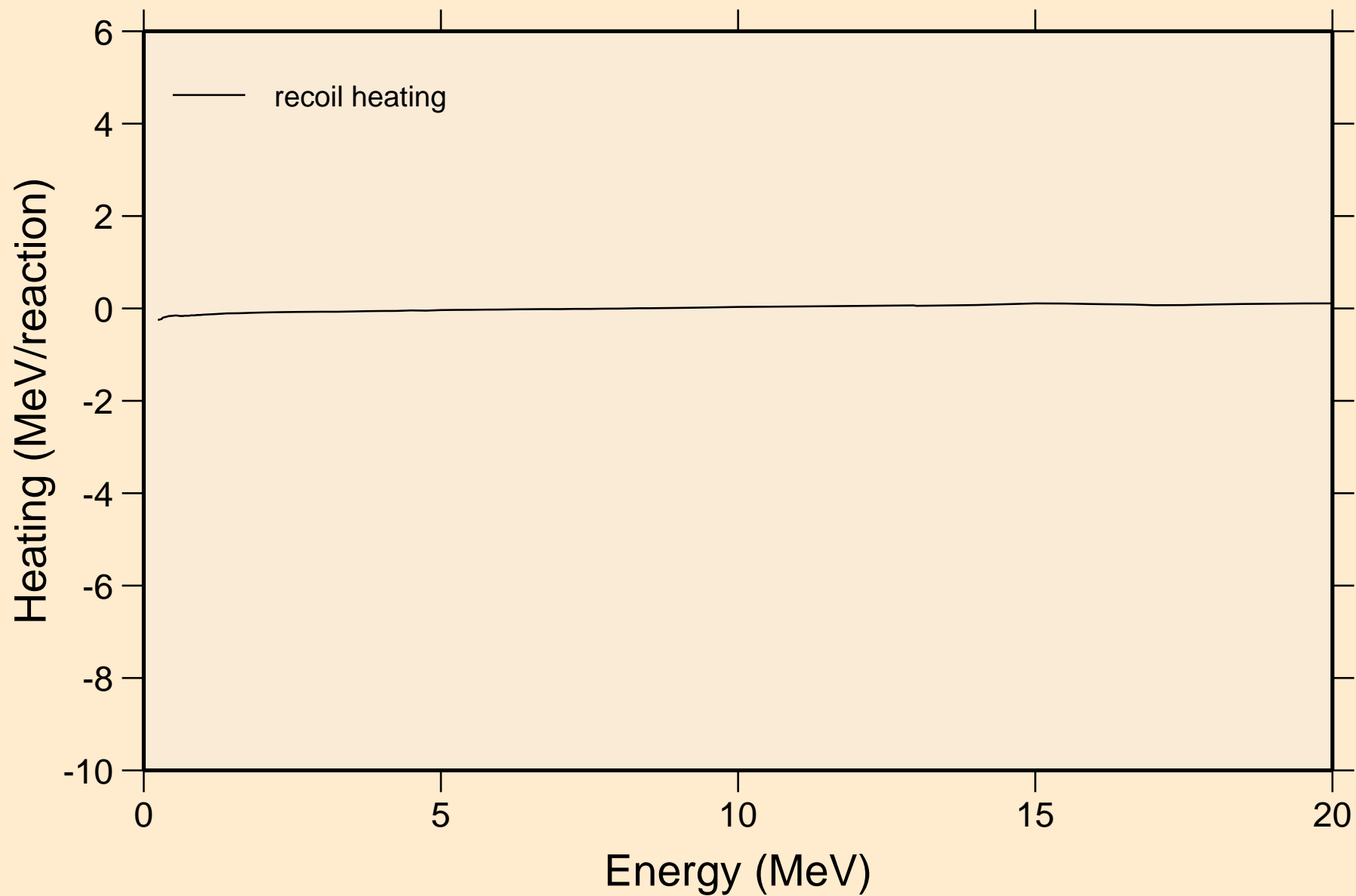
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14 MeV photon spectrum



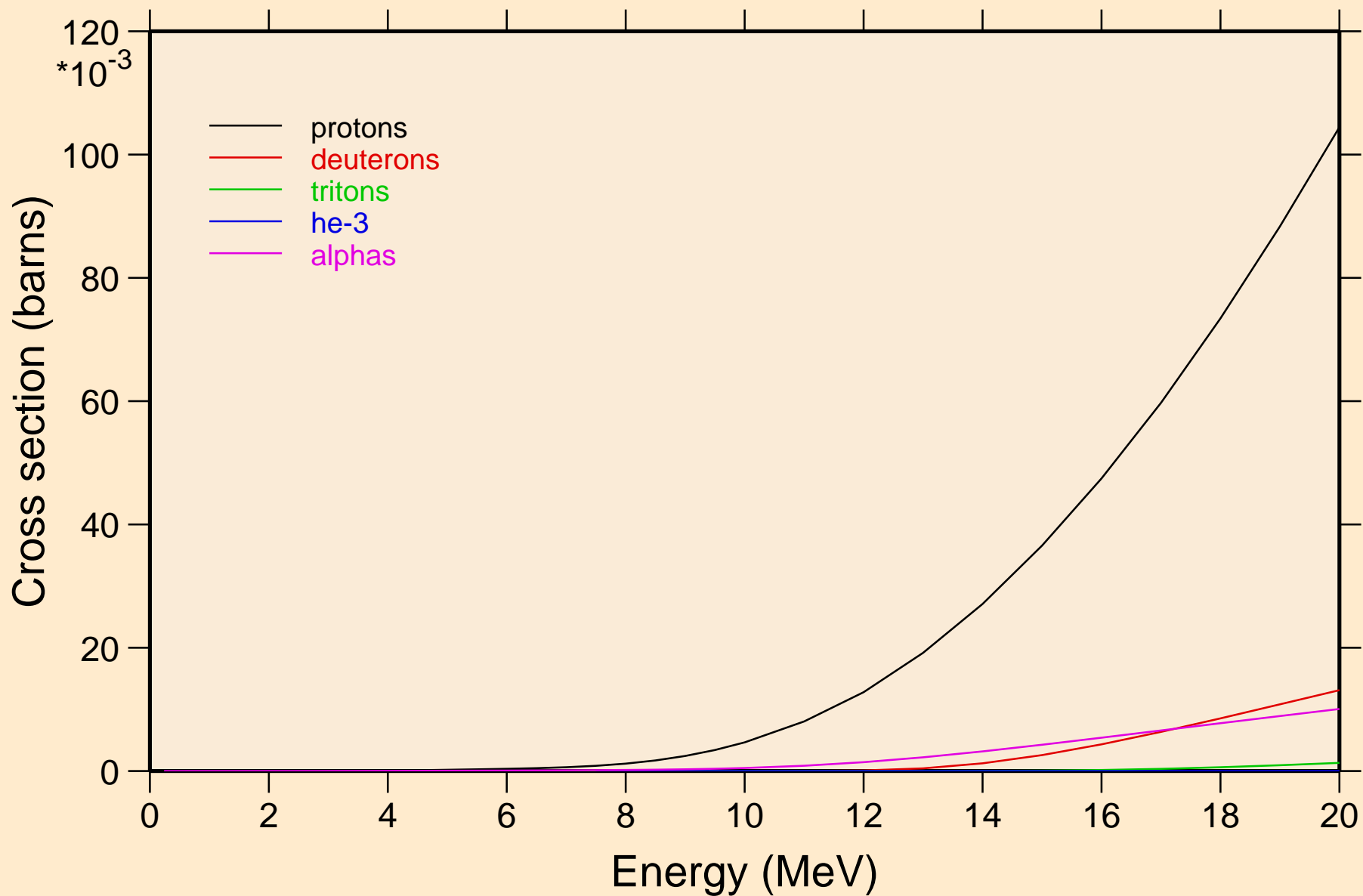
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Particle heating contributions



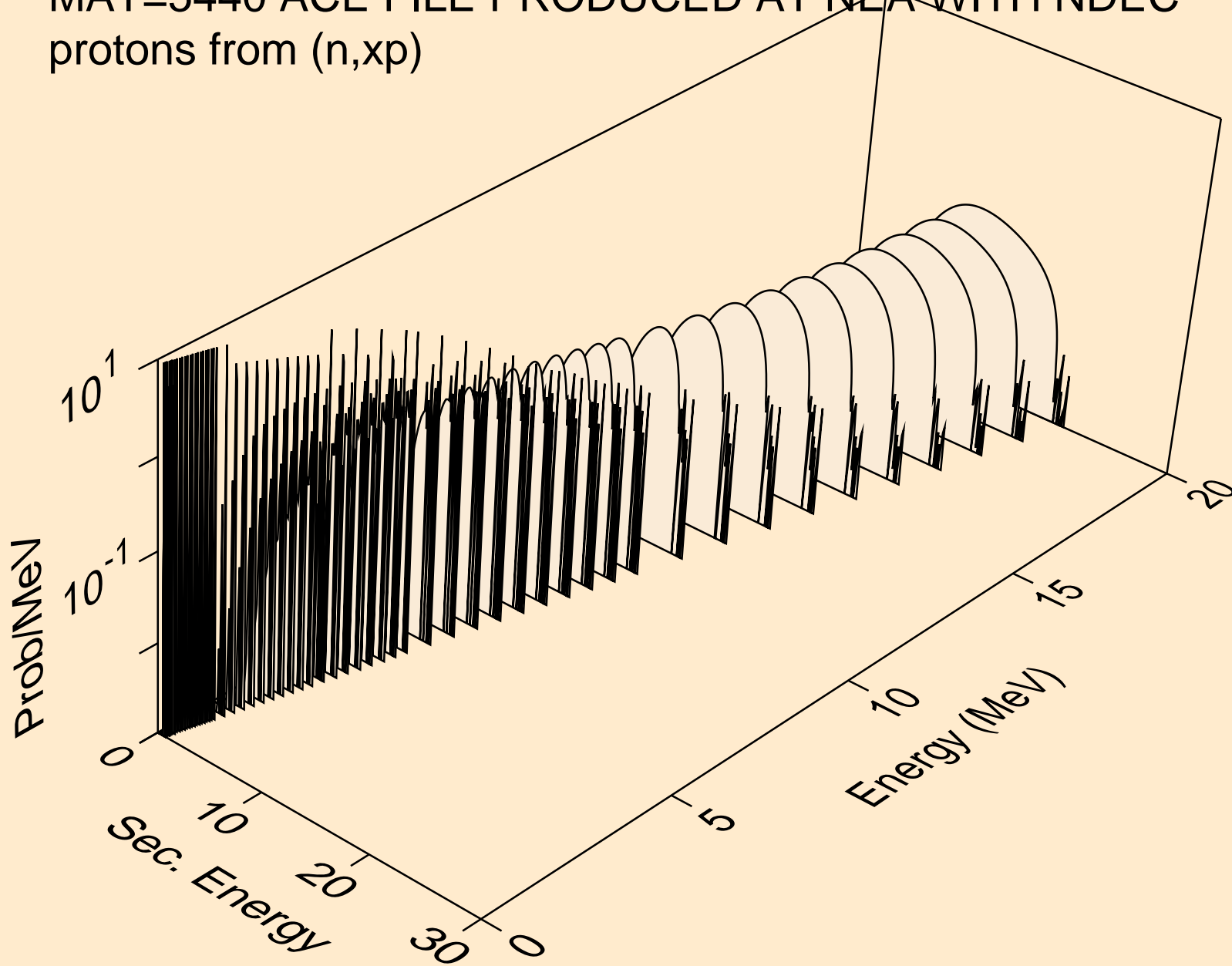
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Recoil Heating



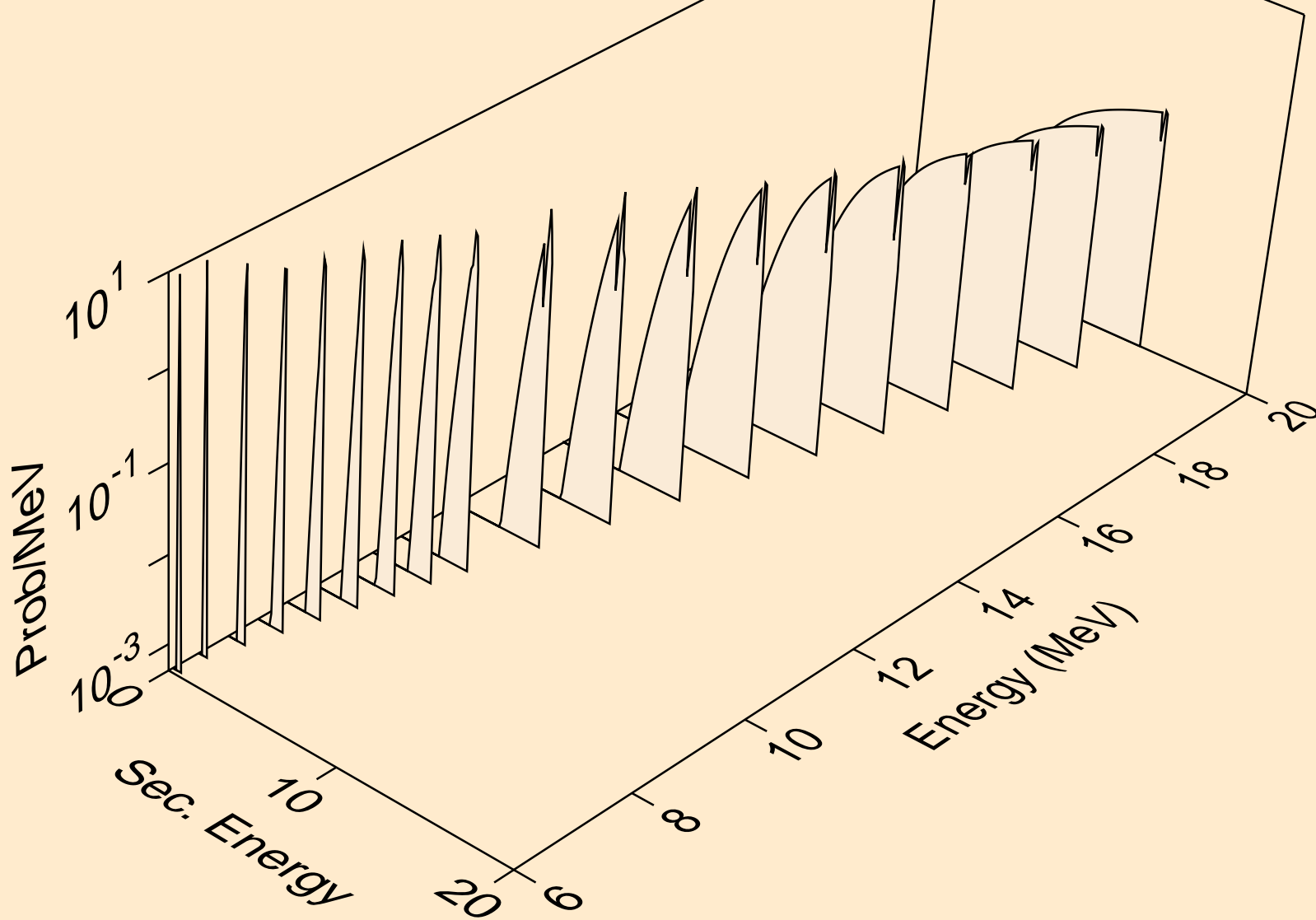
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
Particle production cross sections



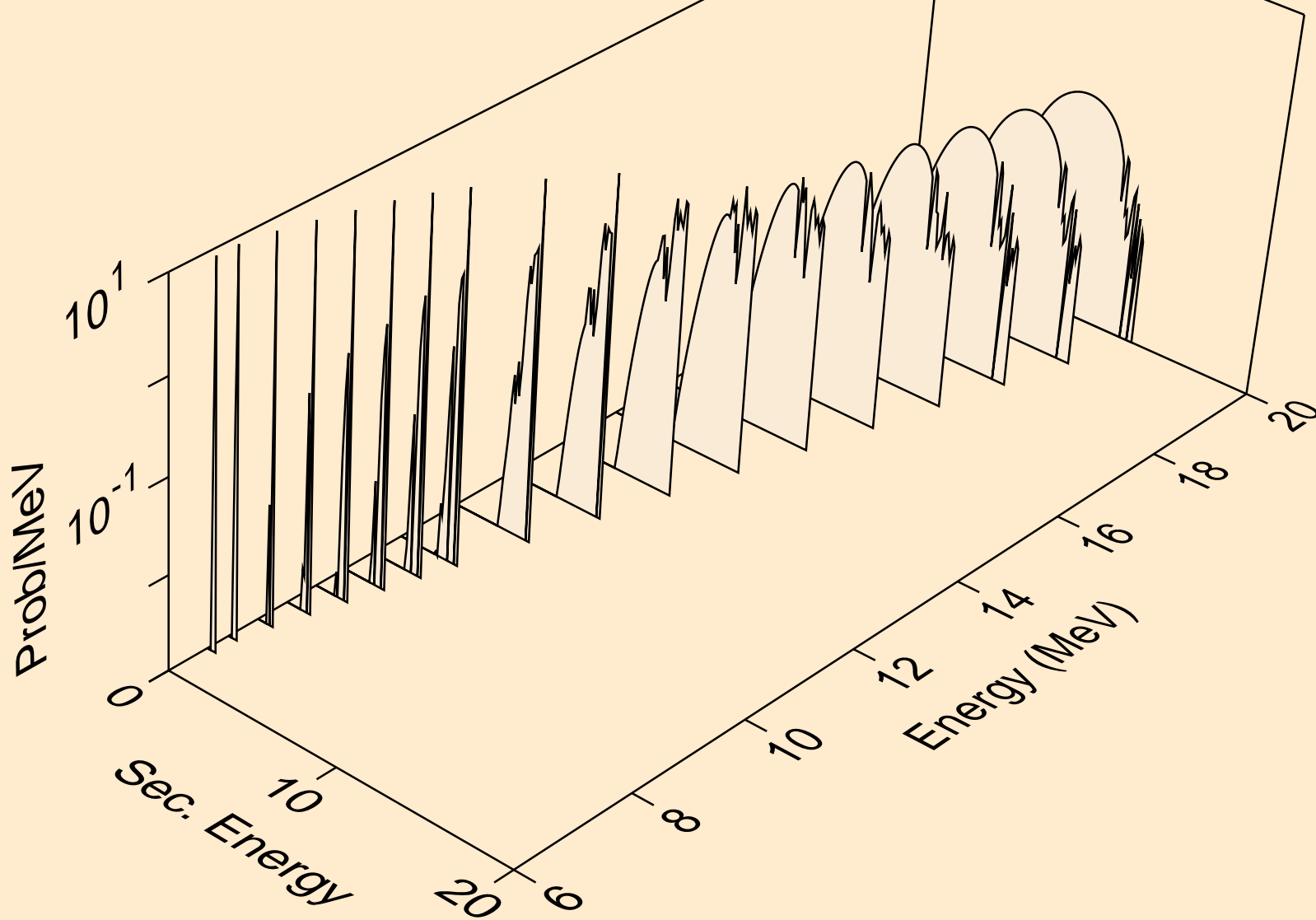
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,xp)



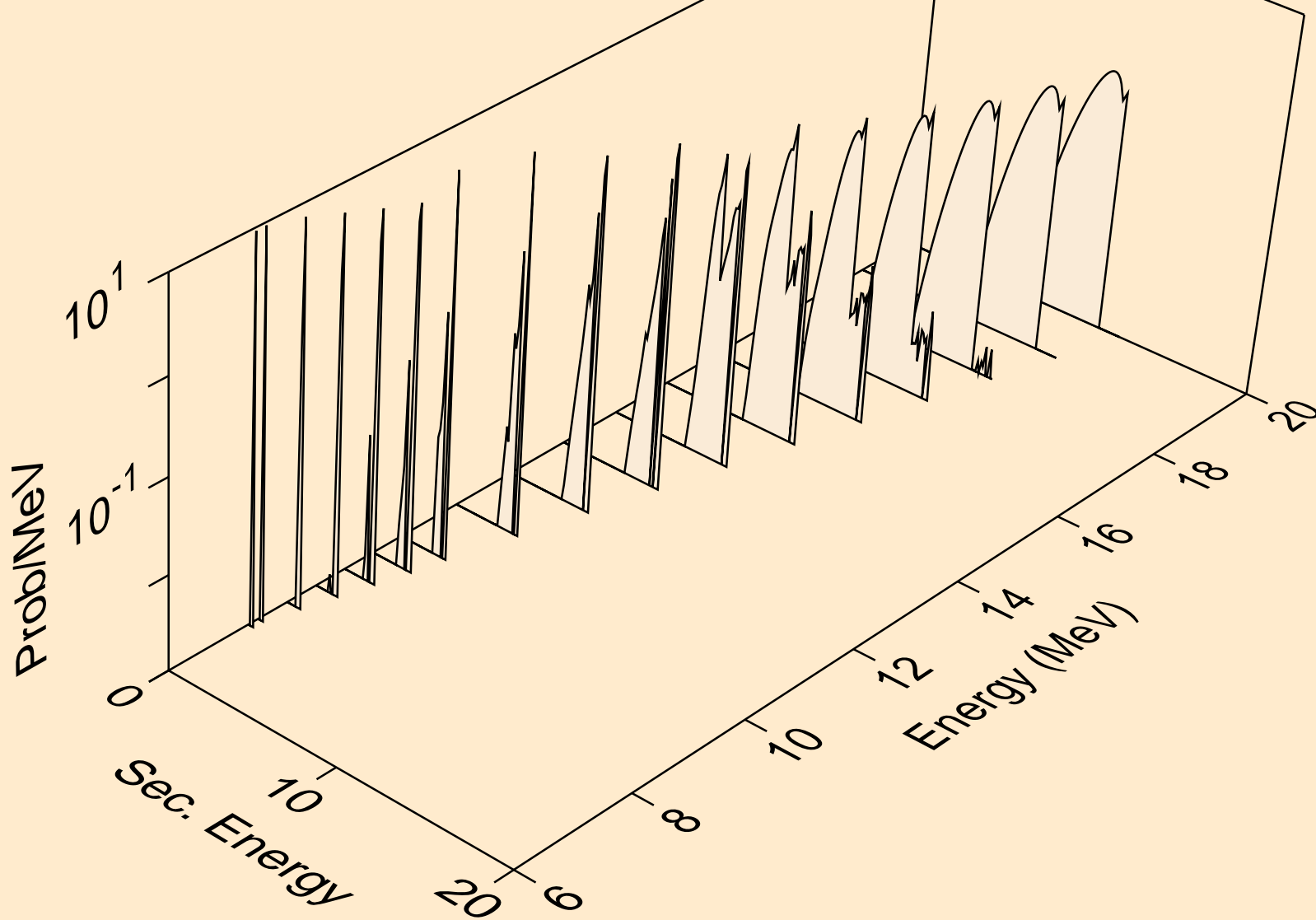
MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
deuterons from (n,xd)



MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
tritons from (n,xt)



MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
he3s from (n,xhe3)





MAT=5440 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,xa)

