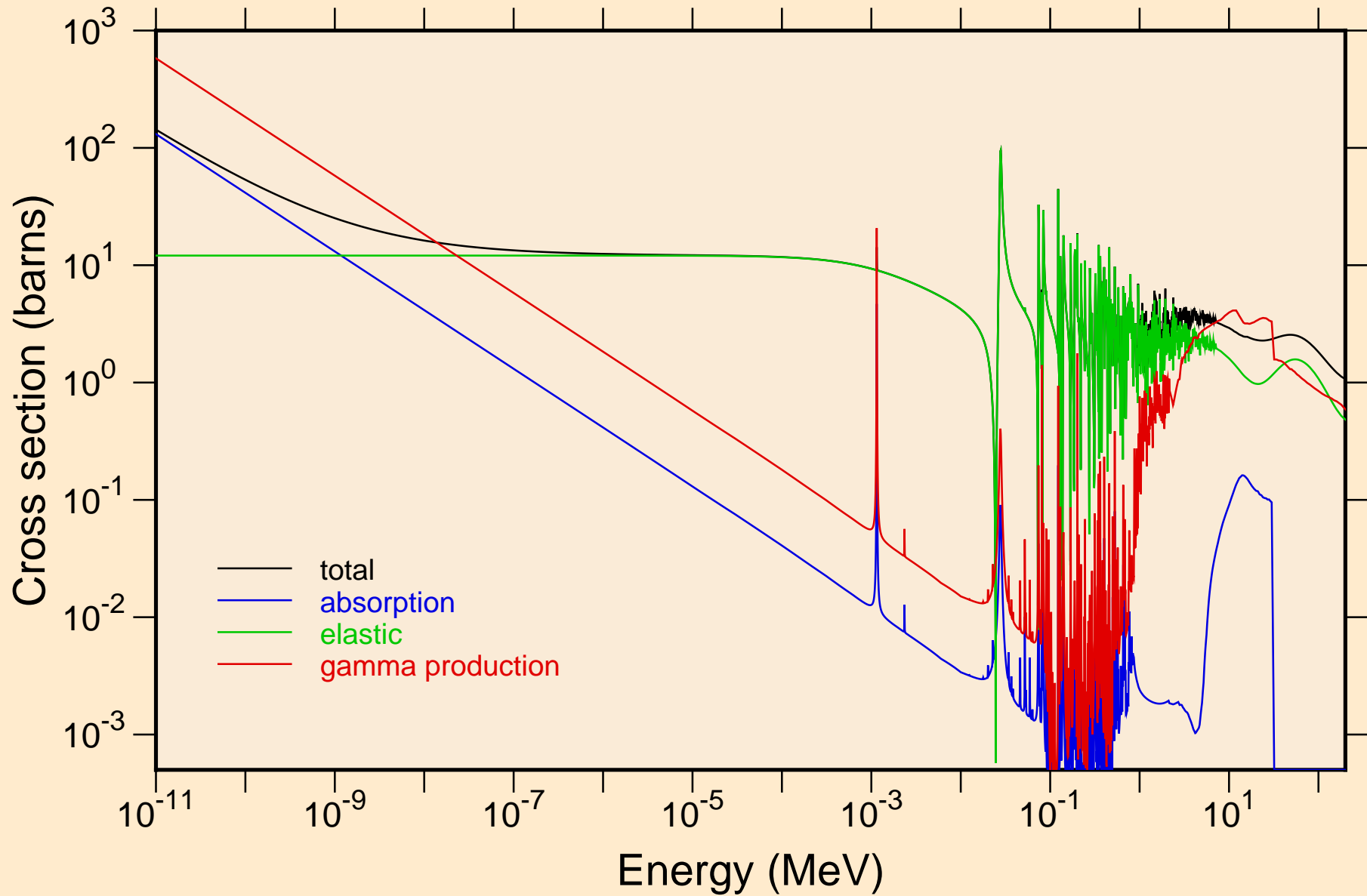
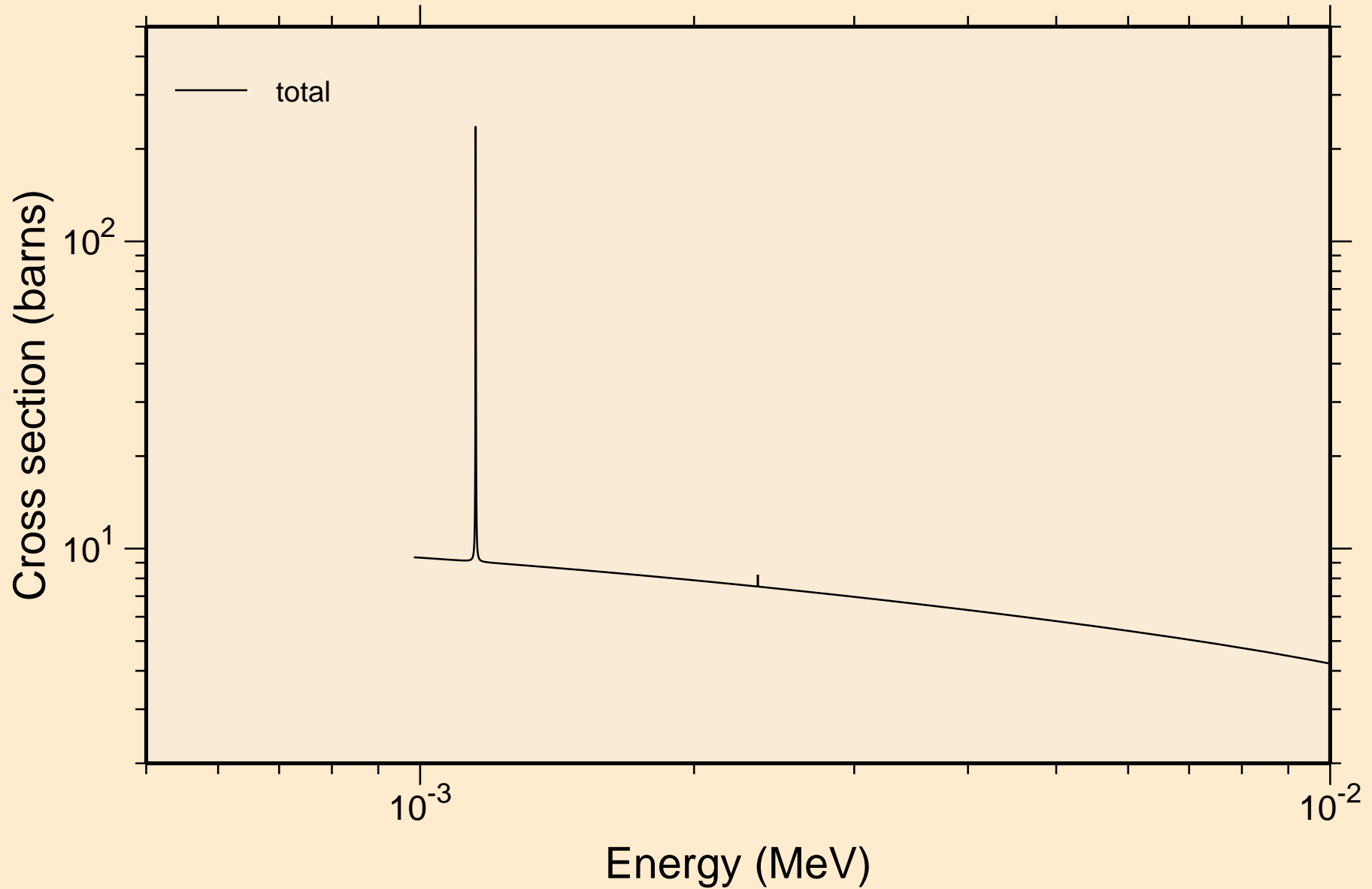


# FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

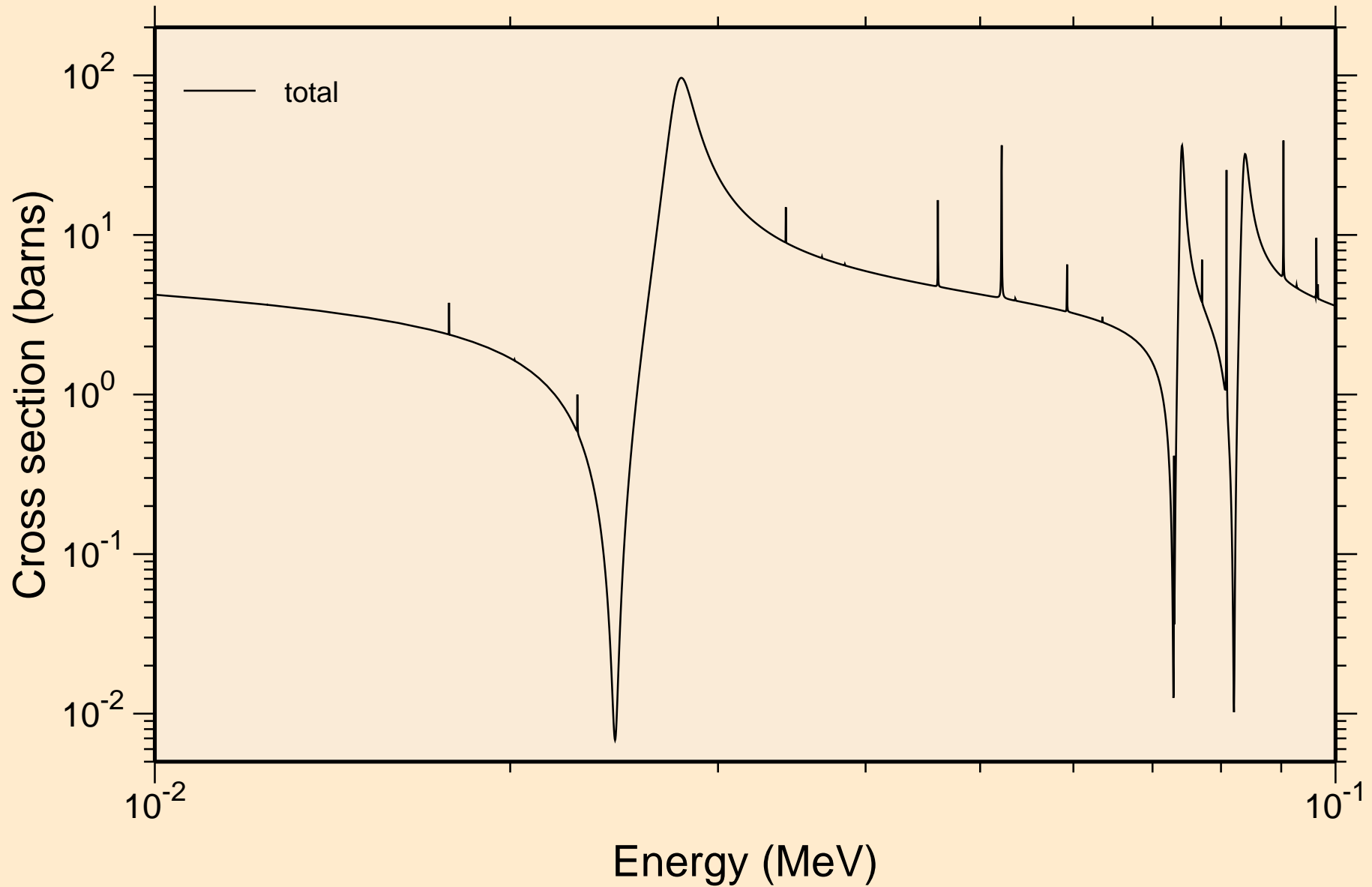
## Principal cross sections



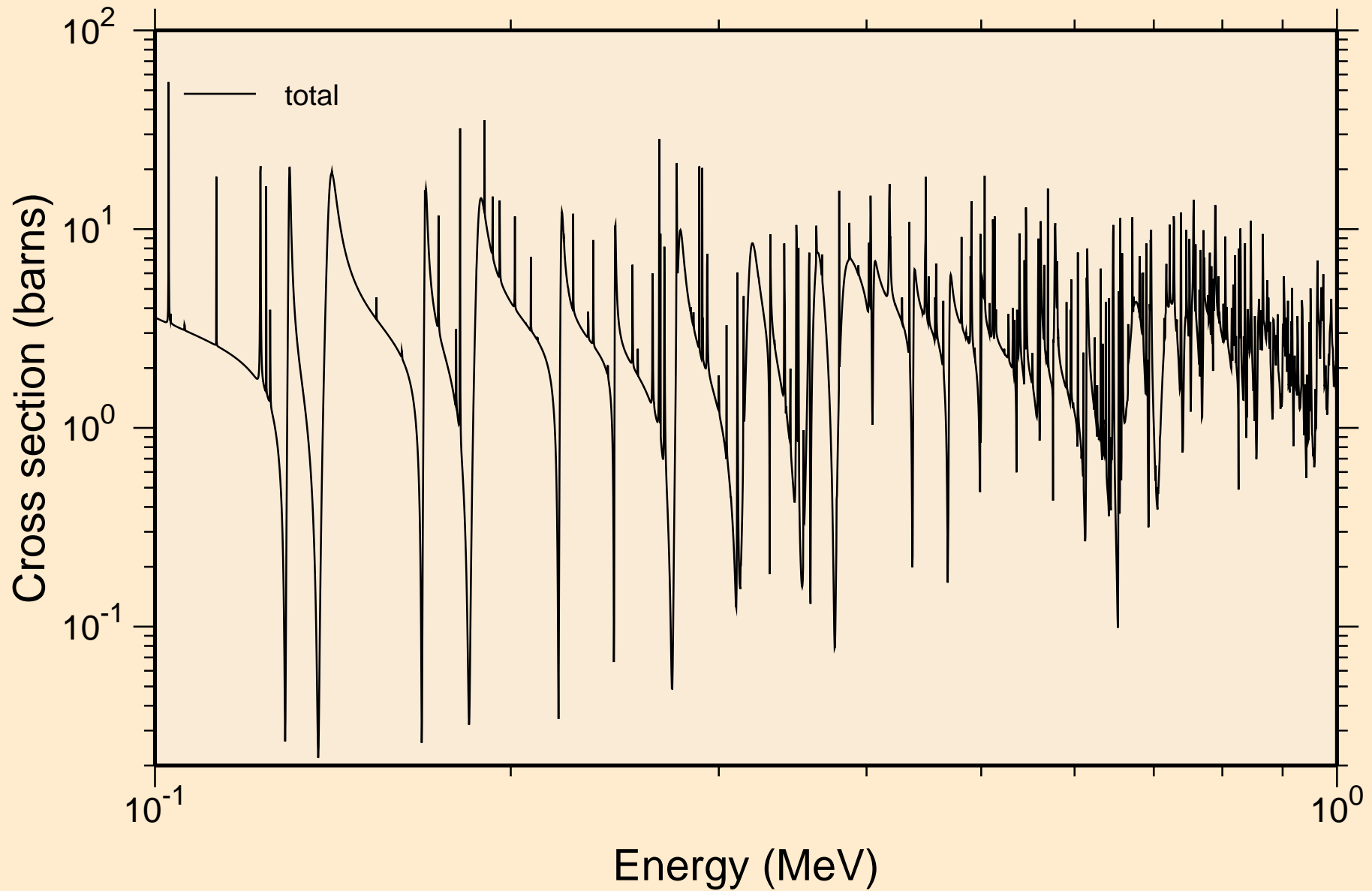
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



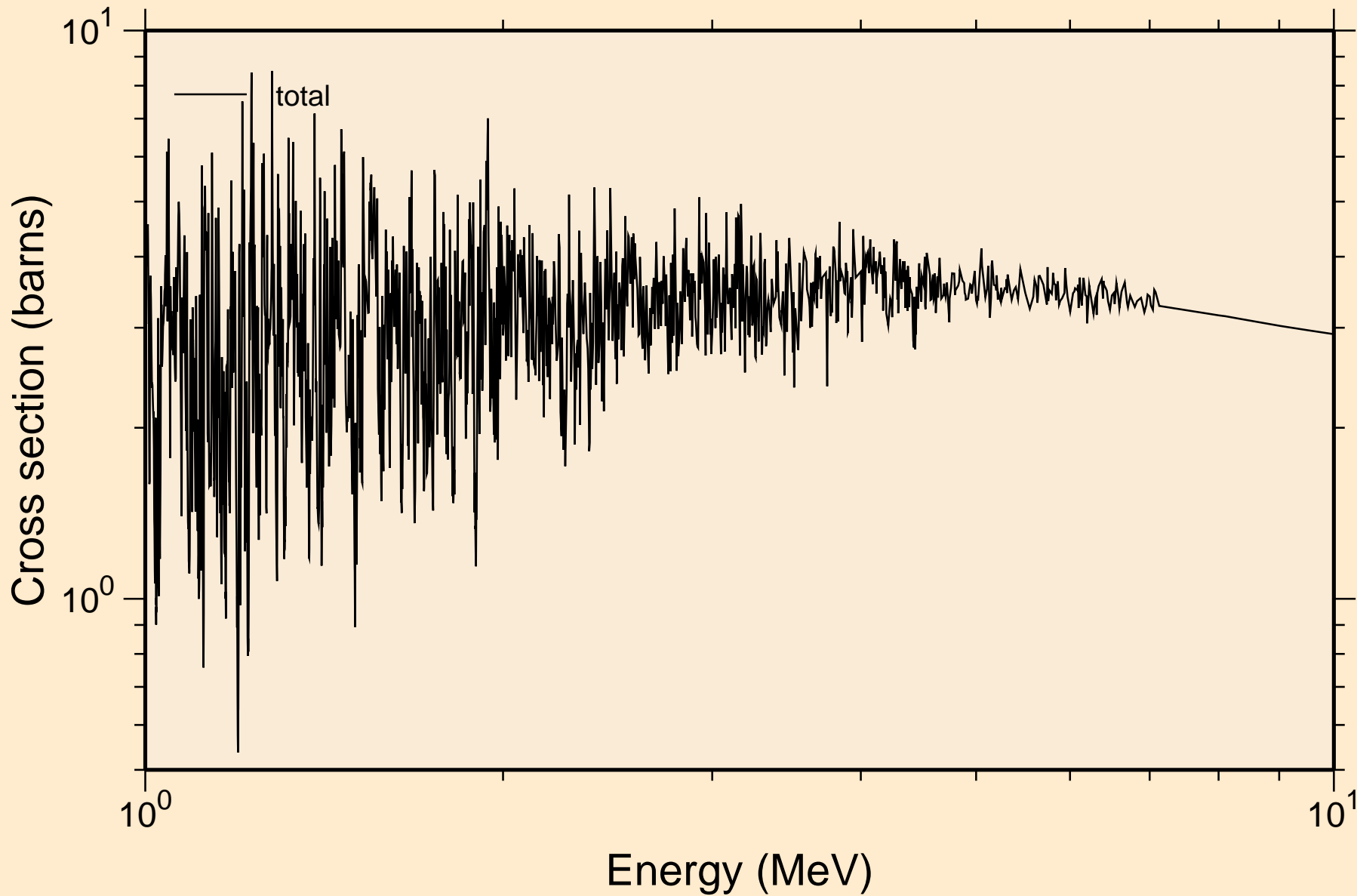
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



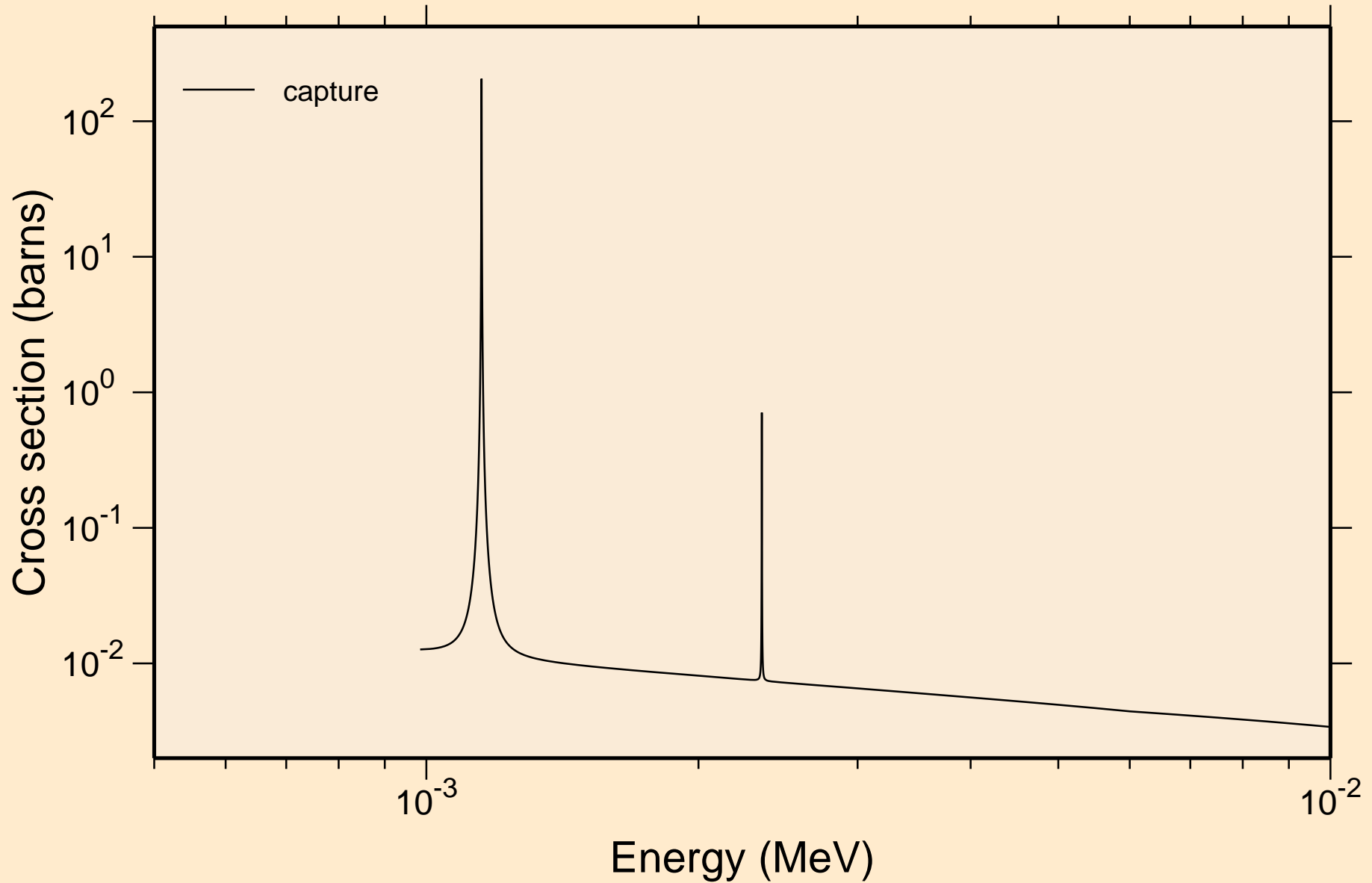
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



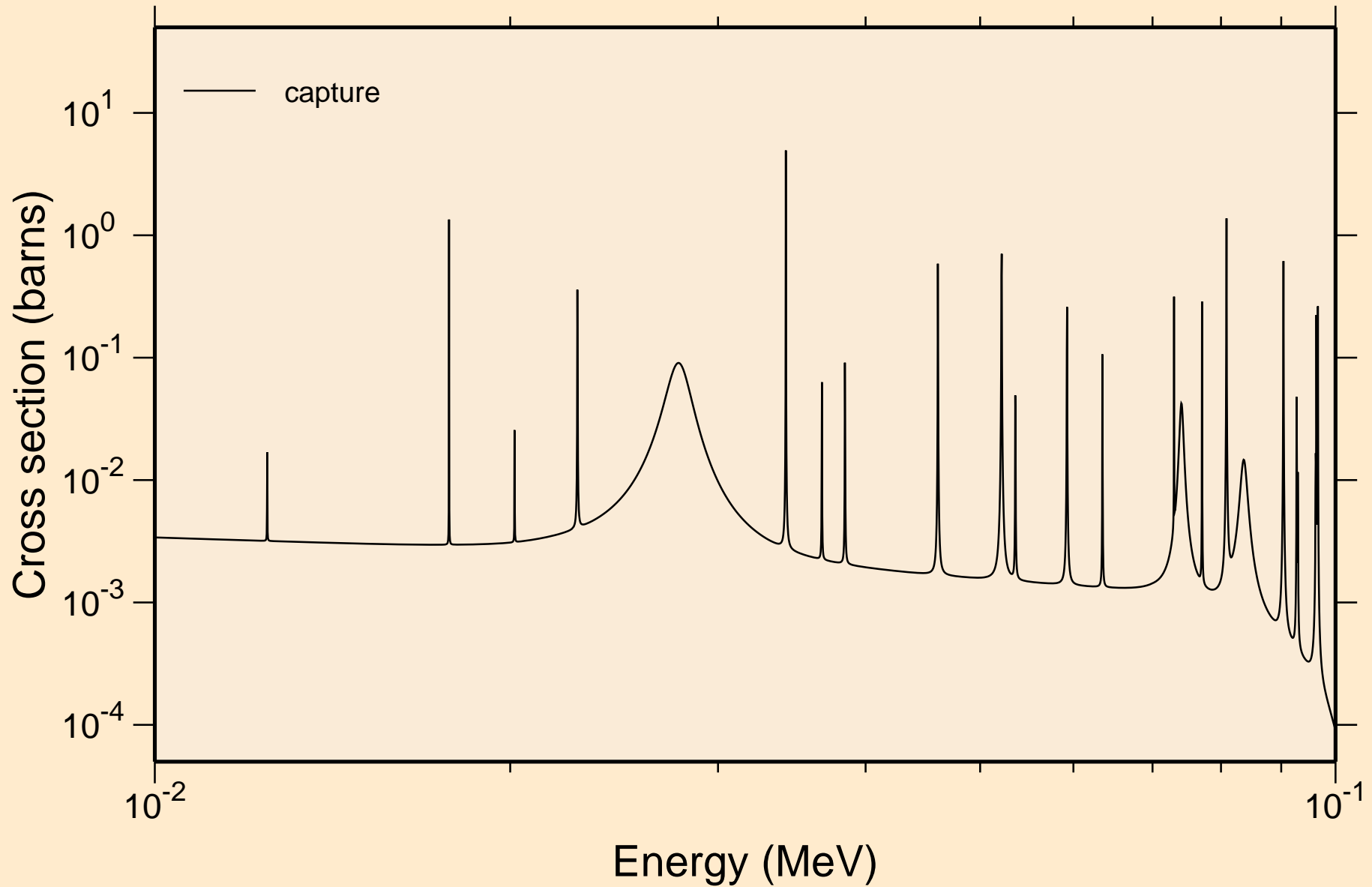
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



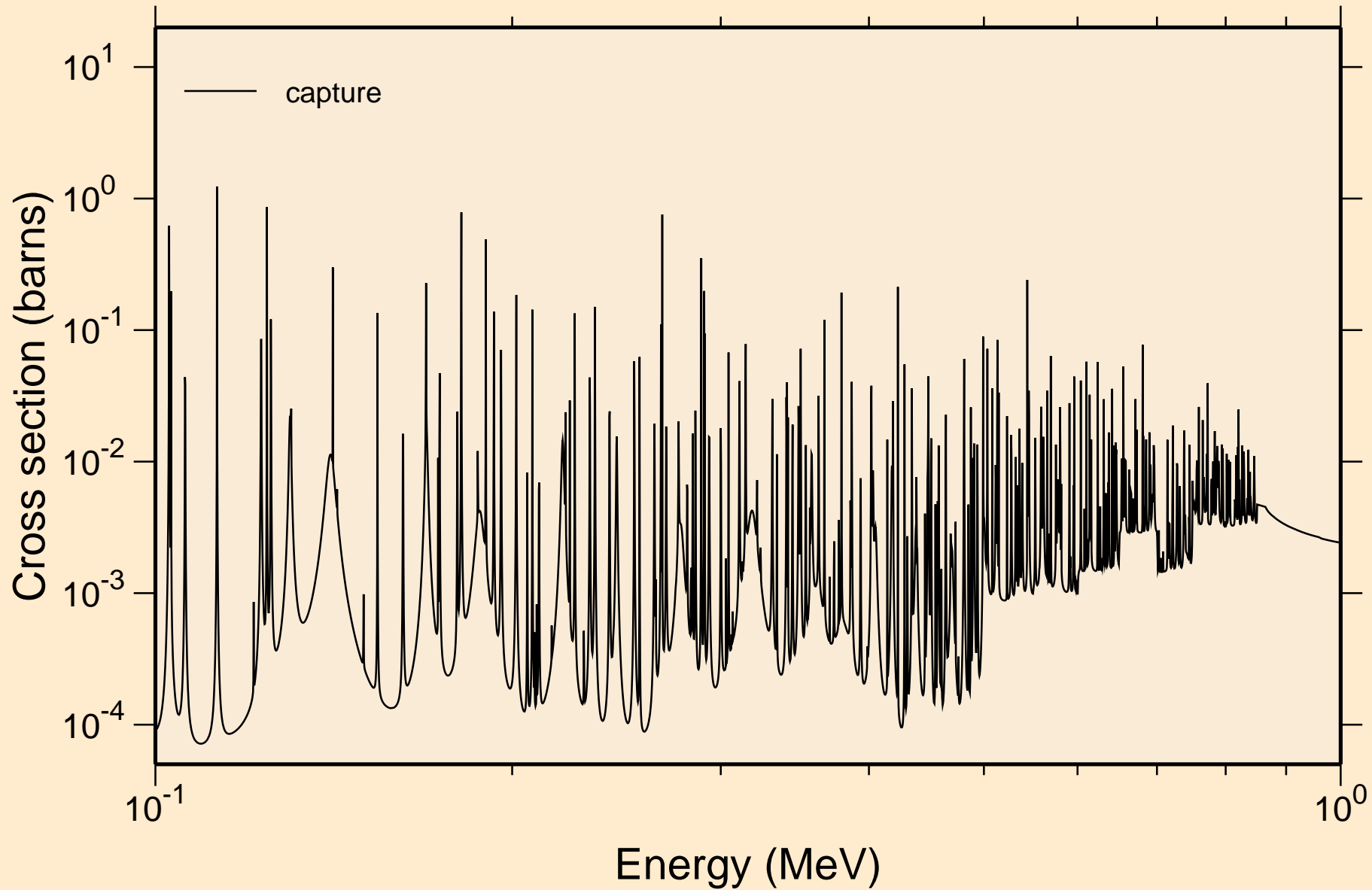
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

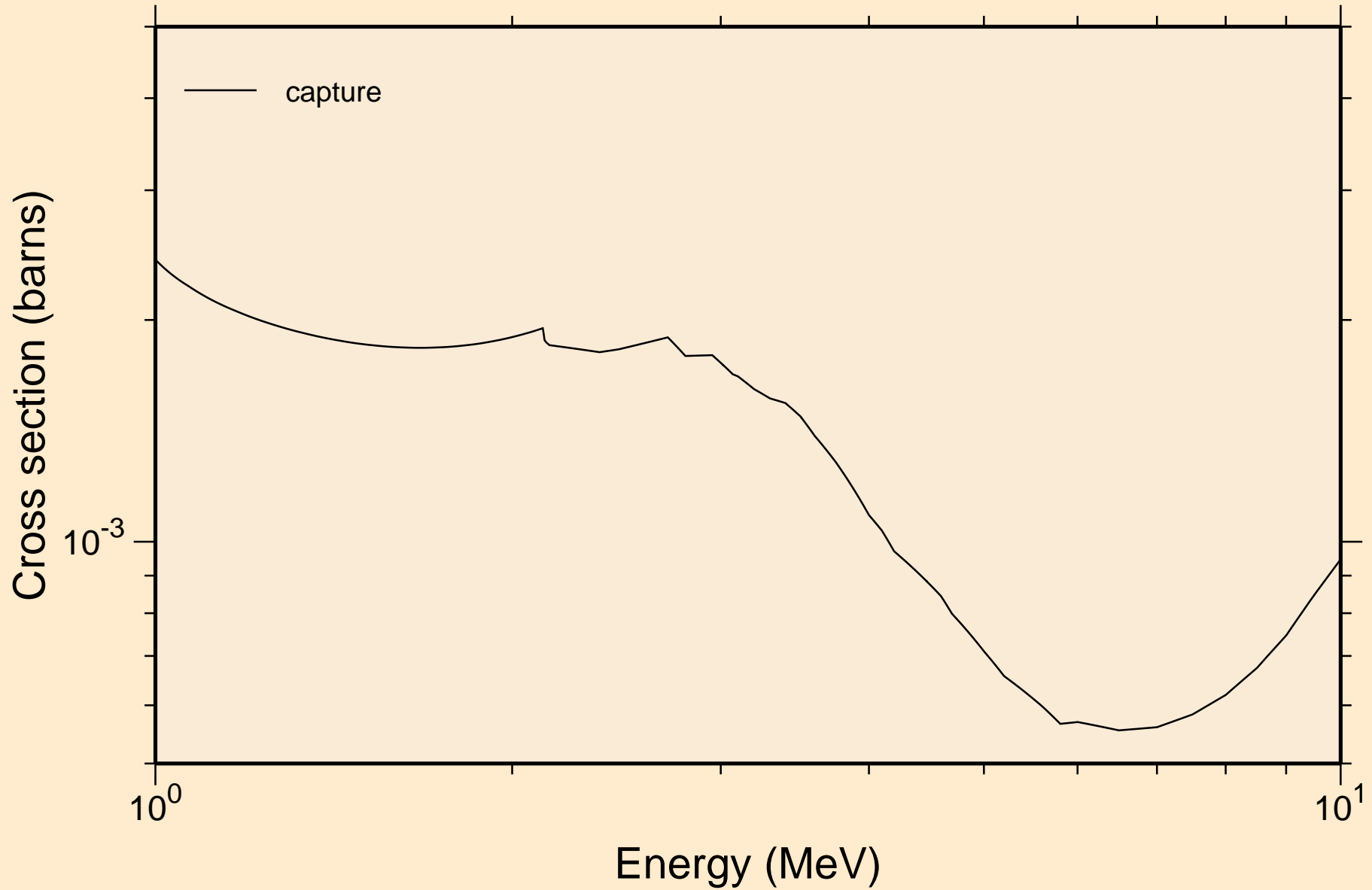


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

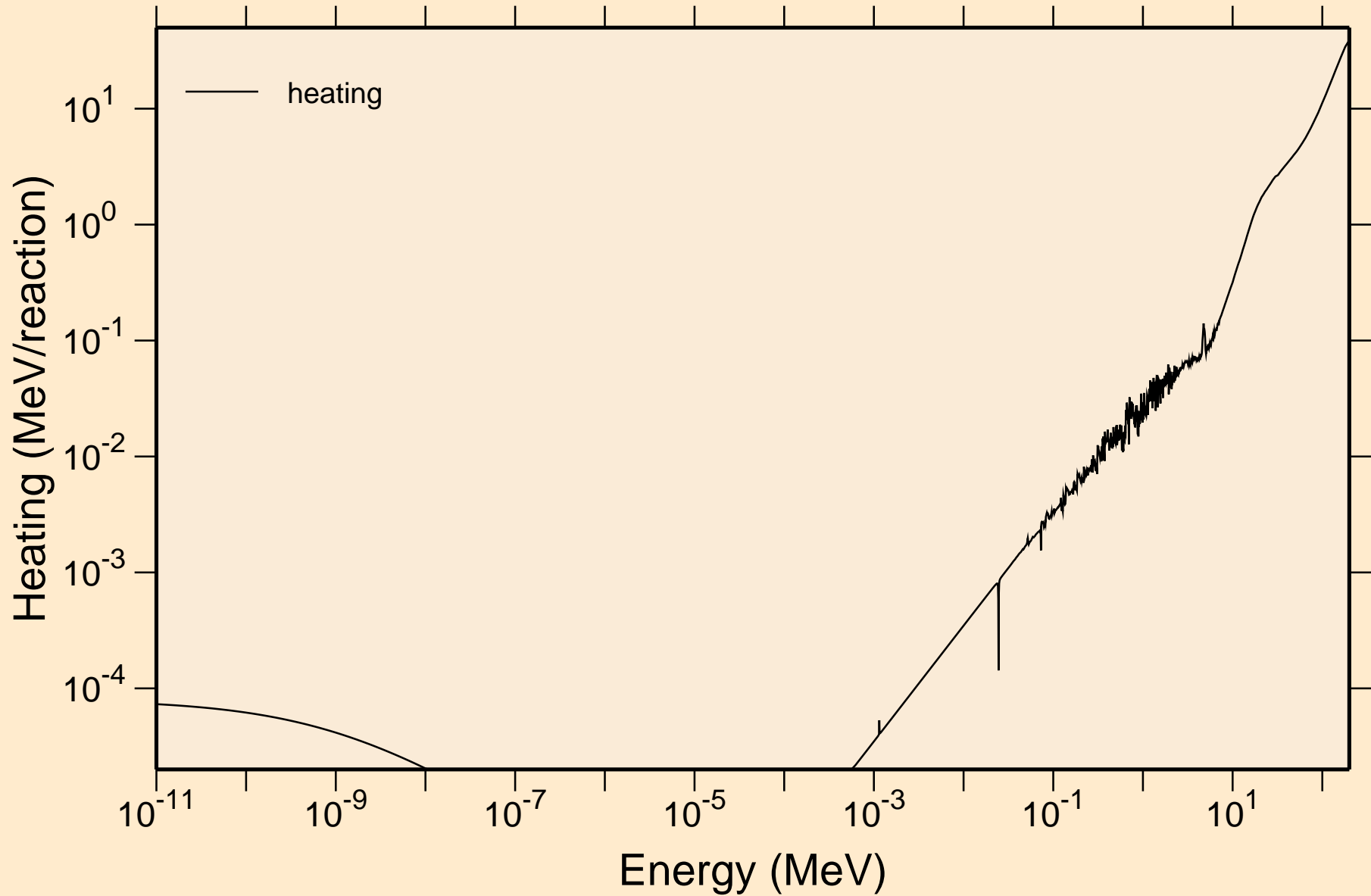




FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

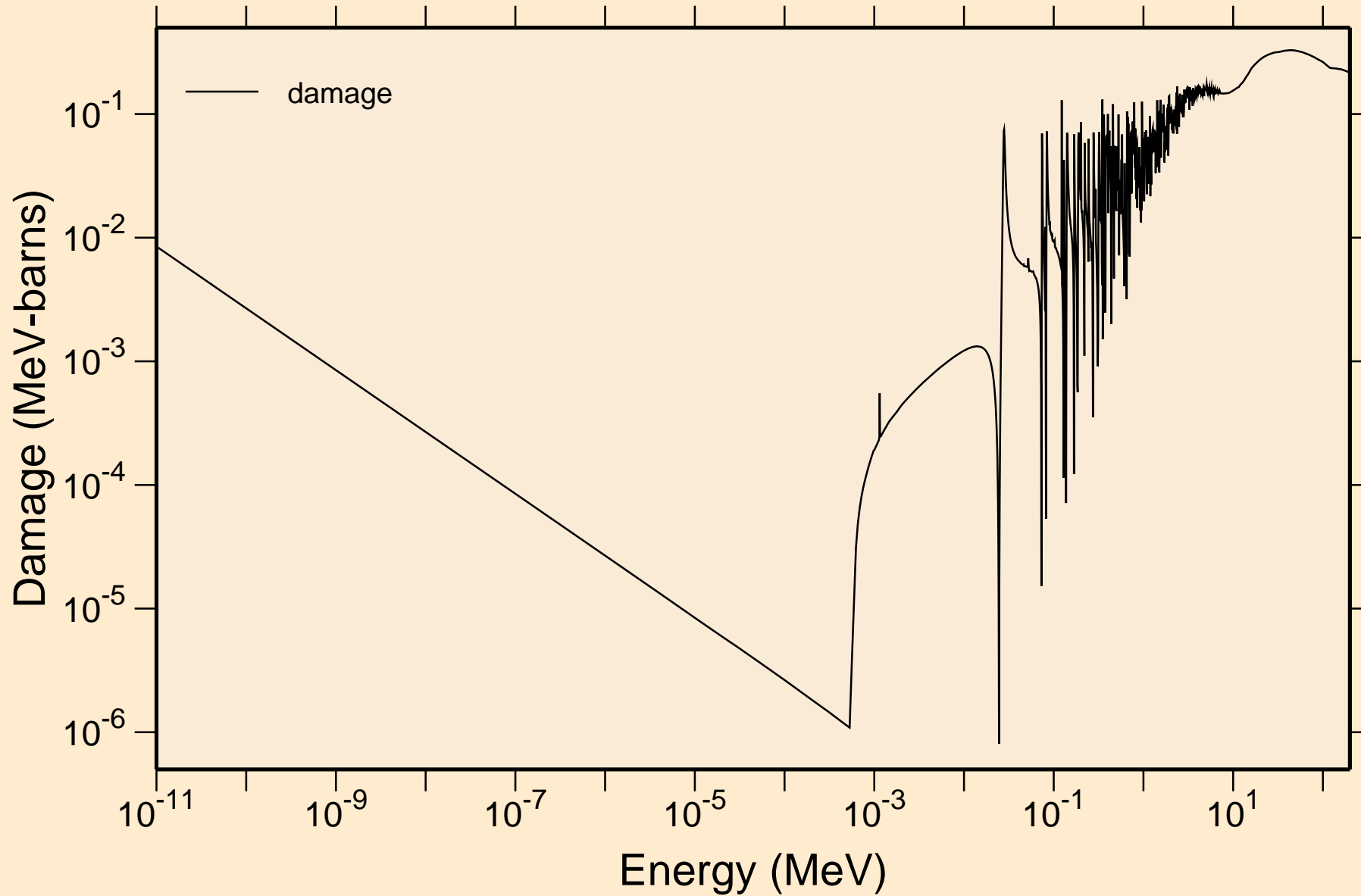


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

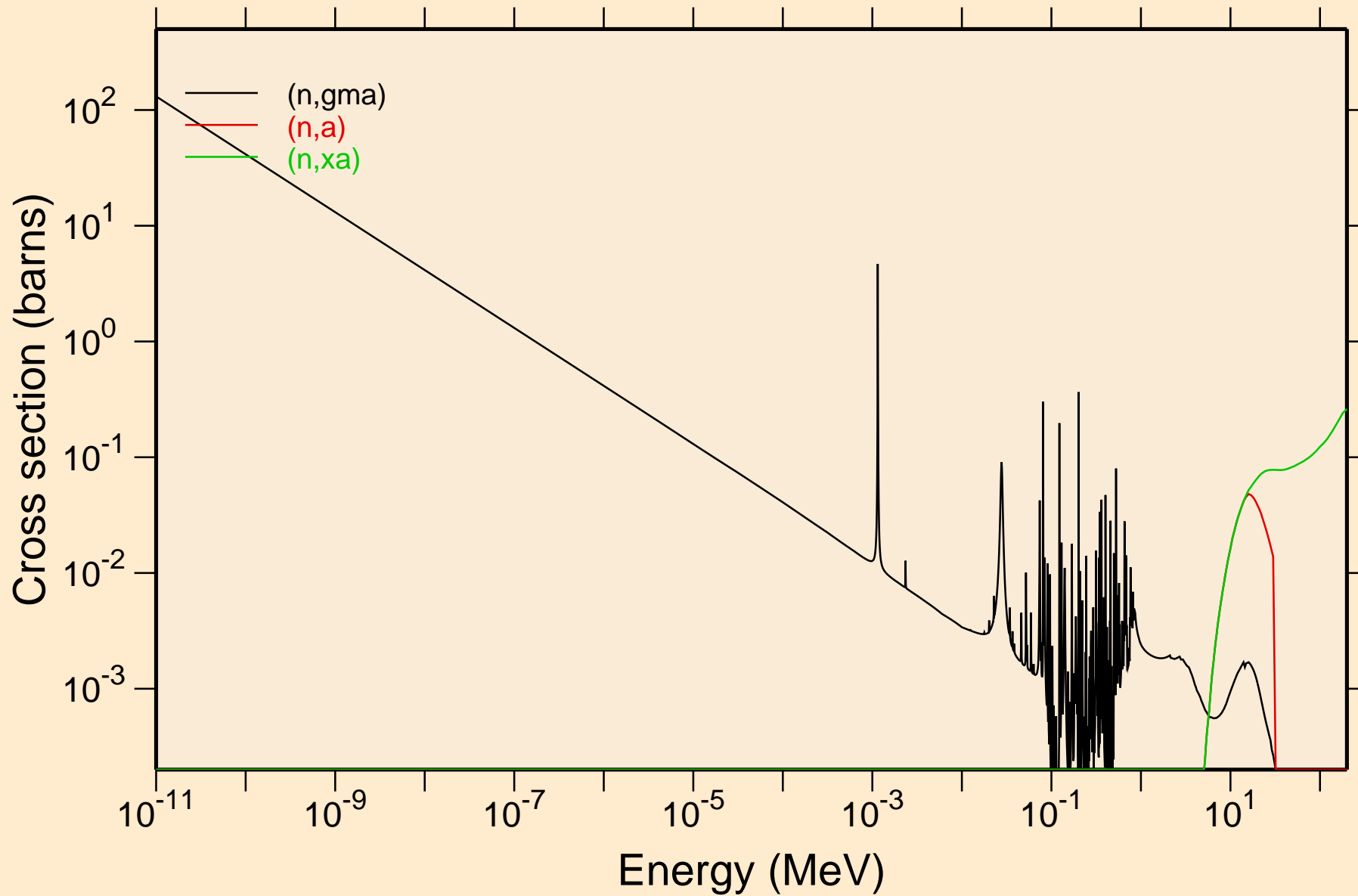


# FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

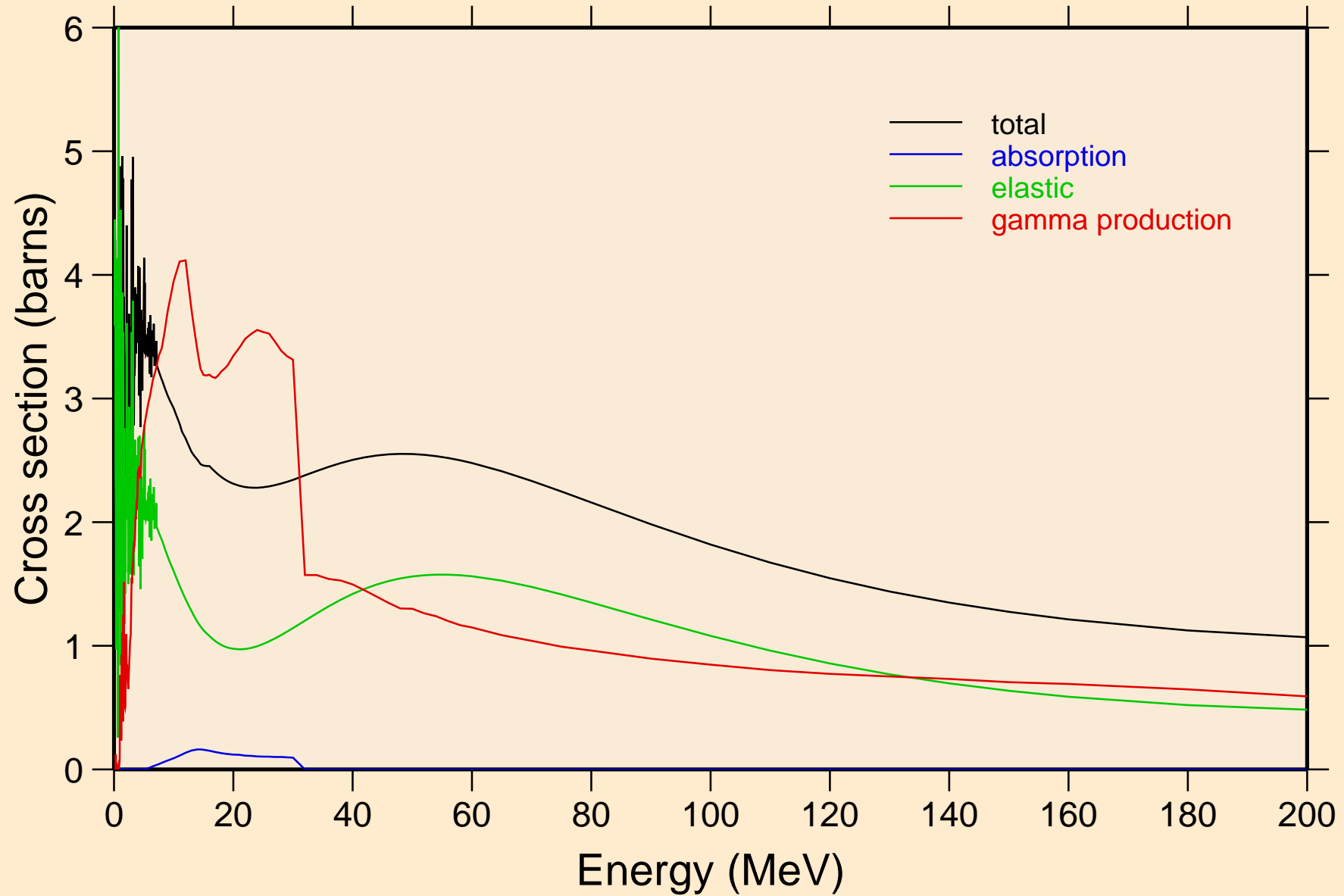


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



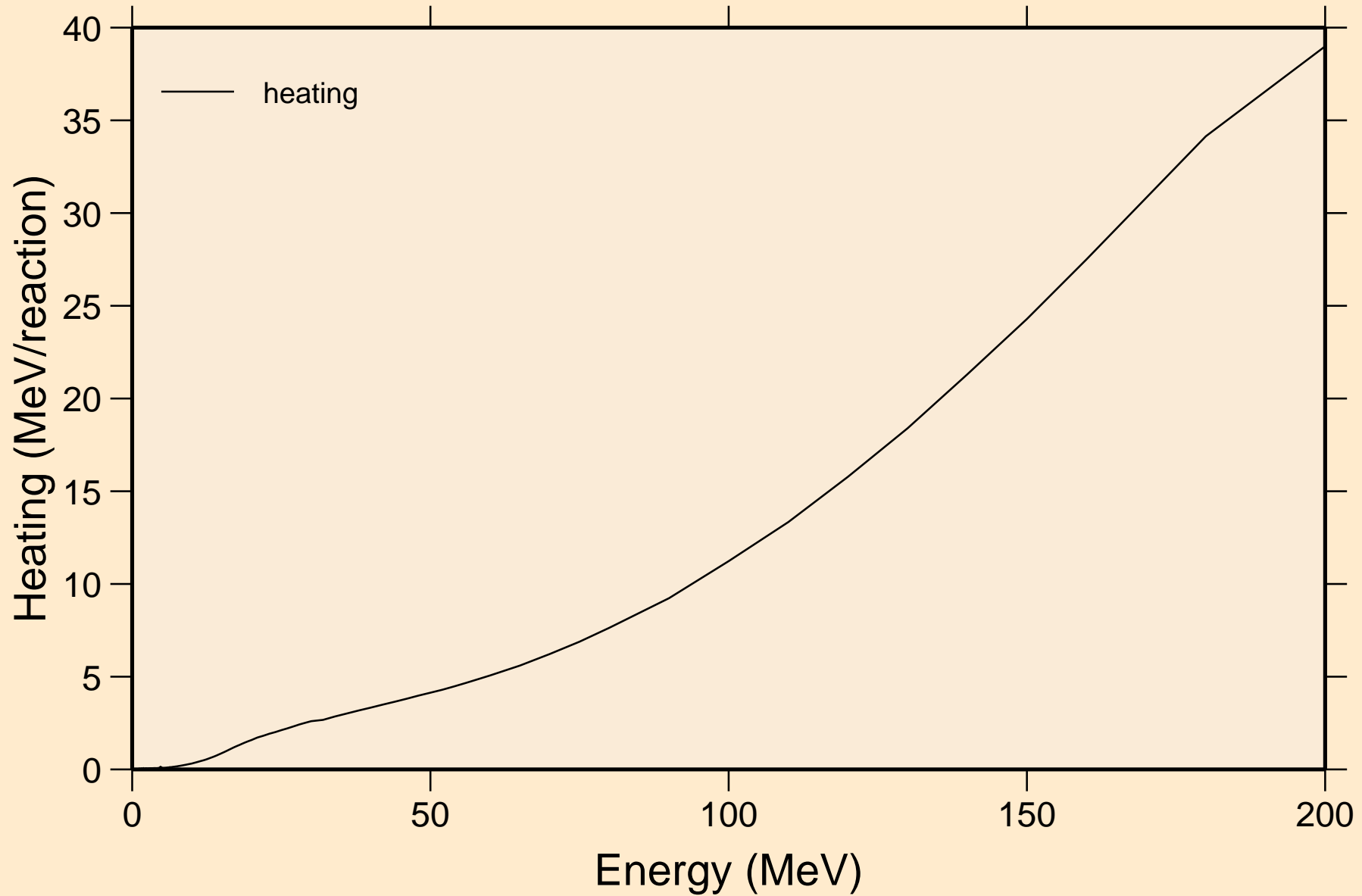
# FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

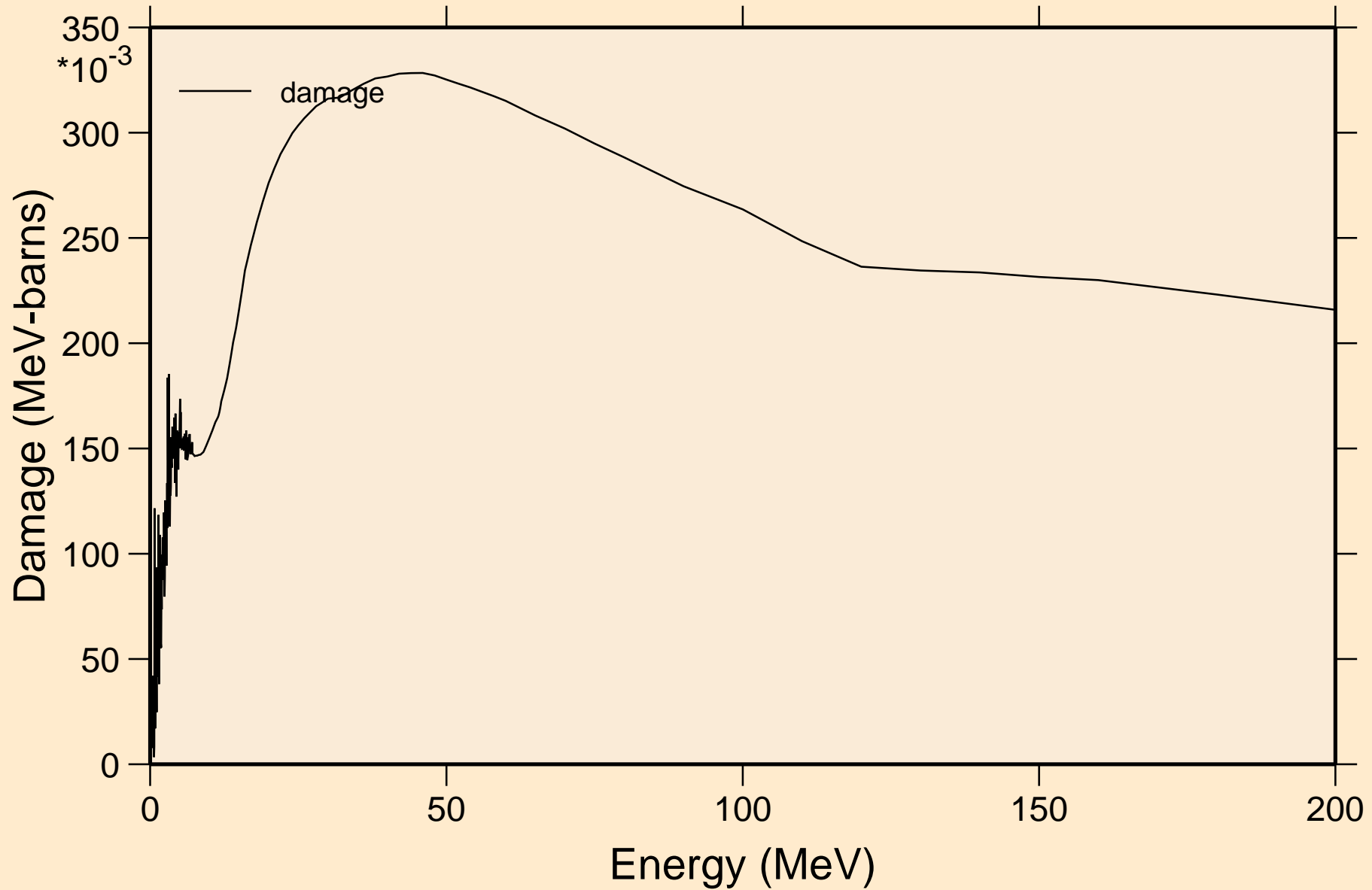


# FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

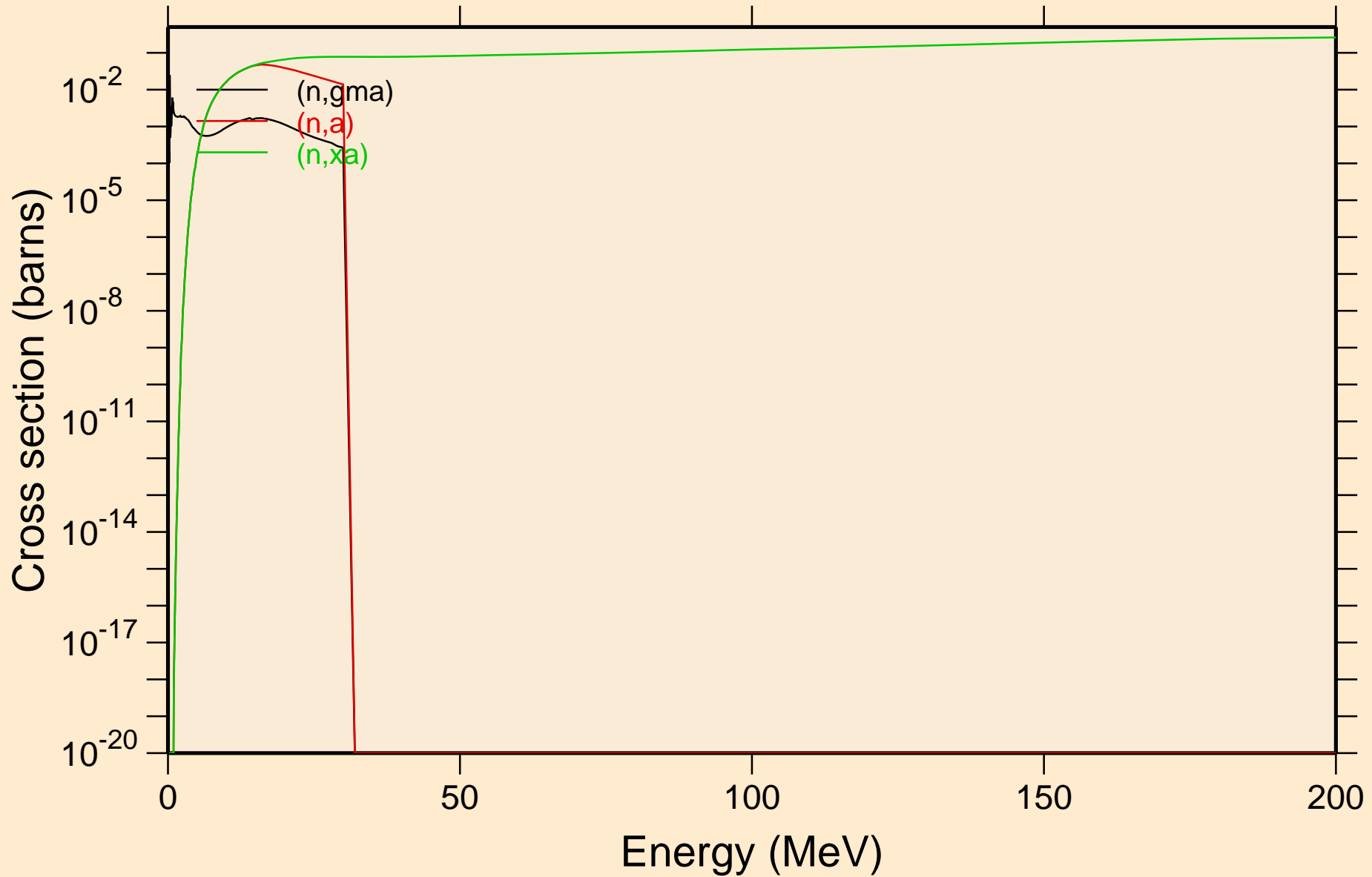
## Heating



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

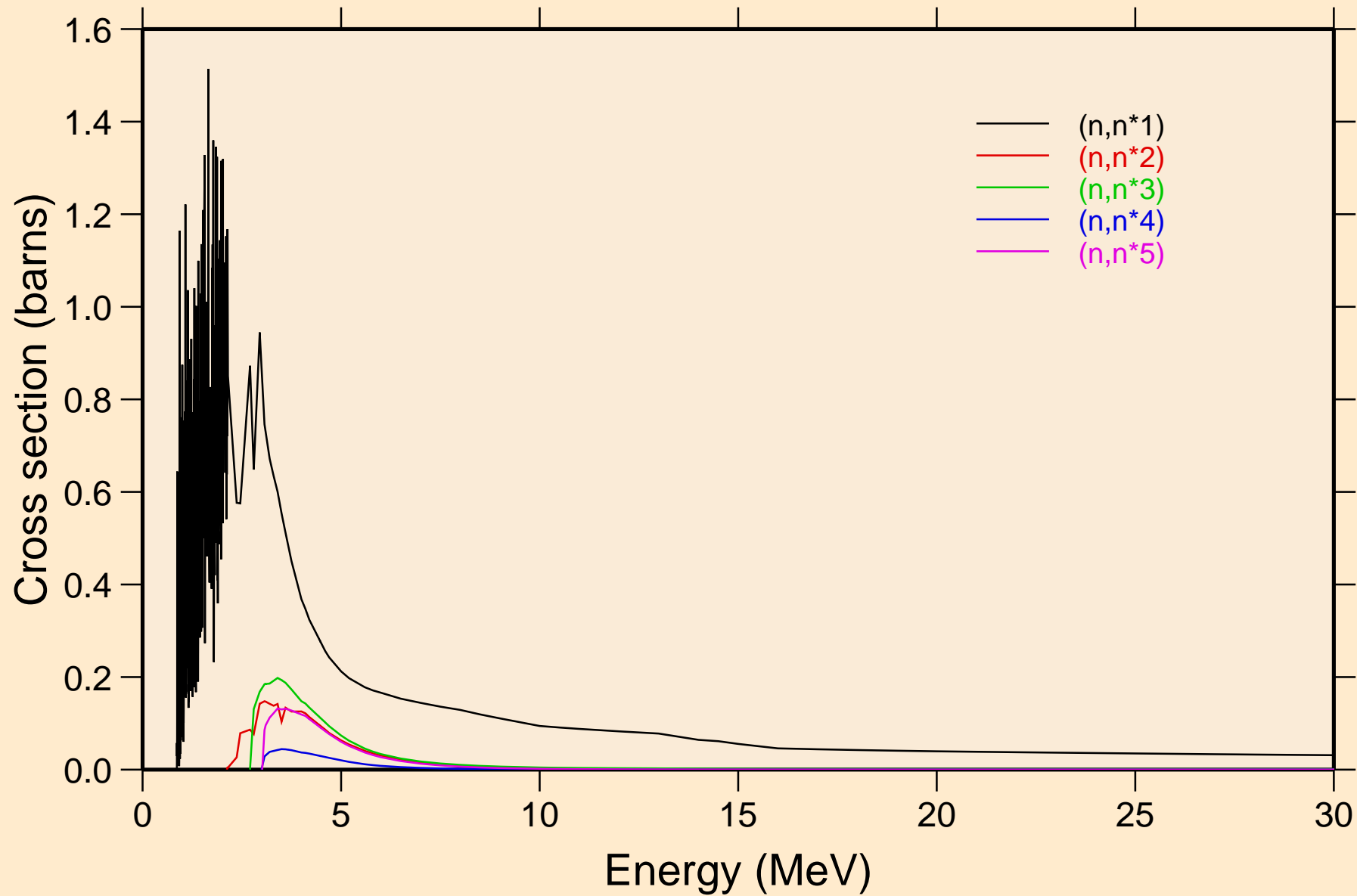


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

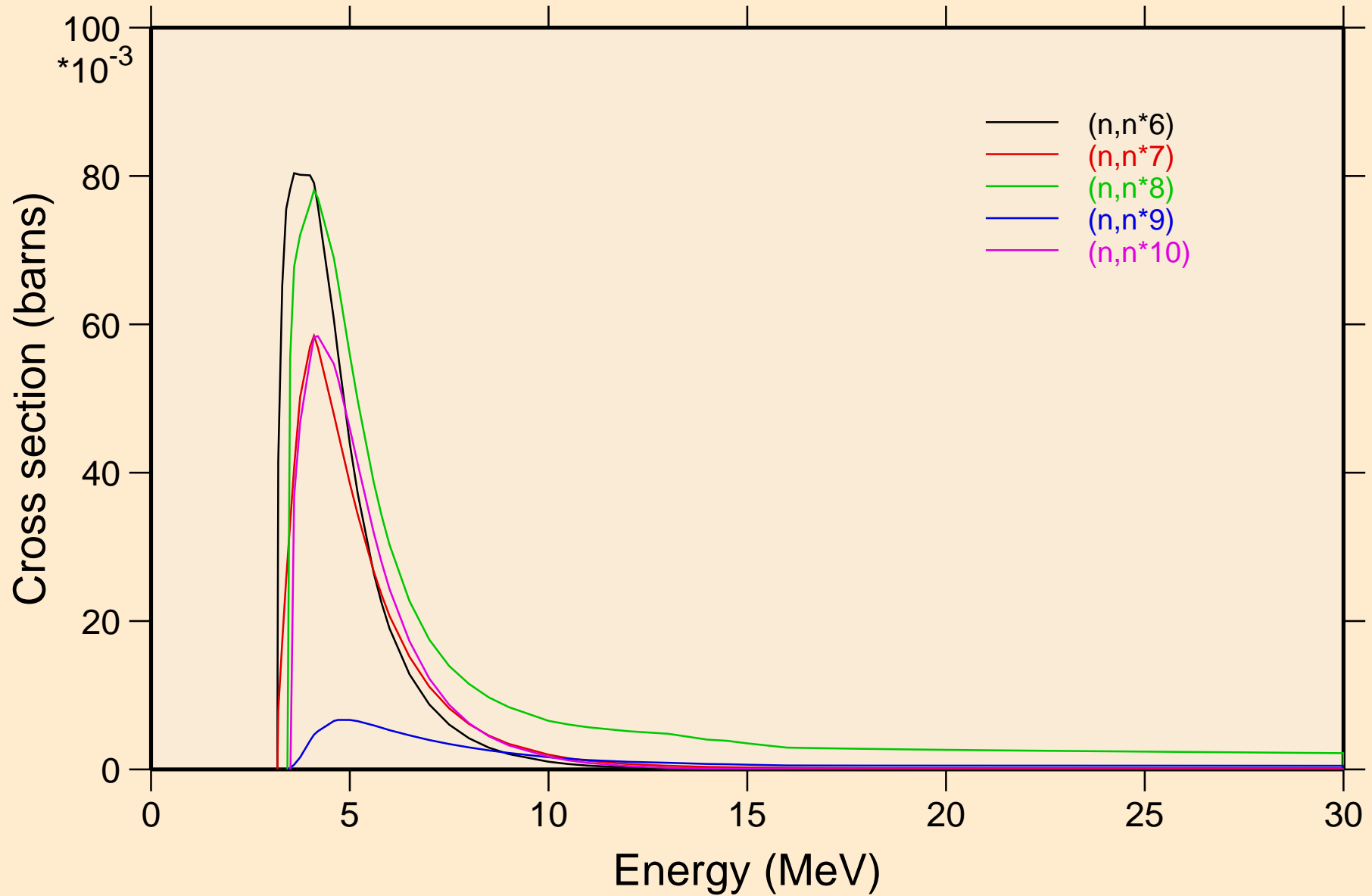




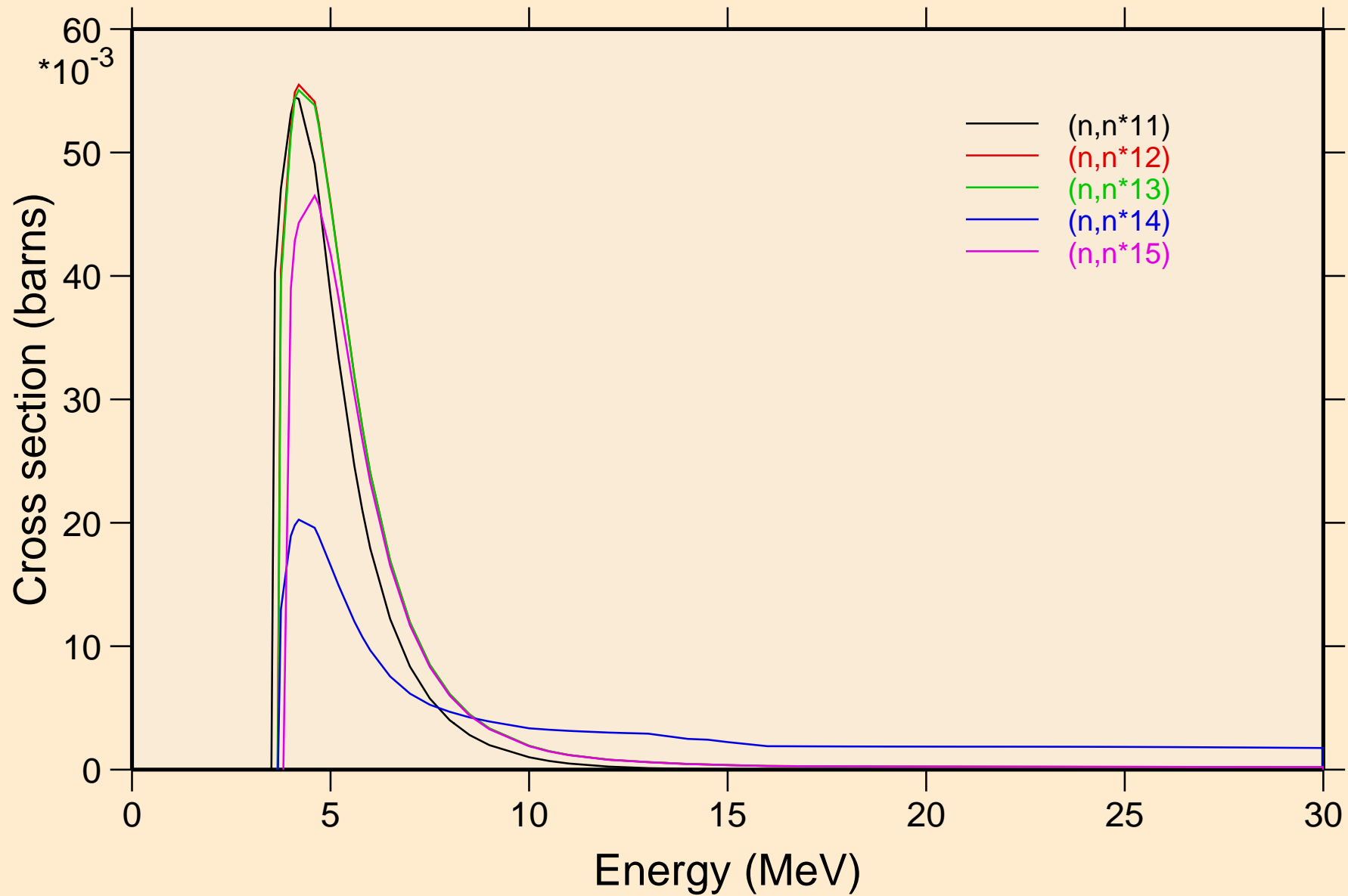
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



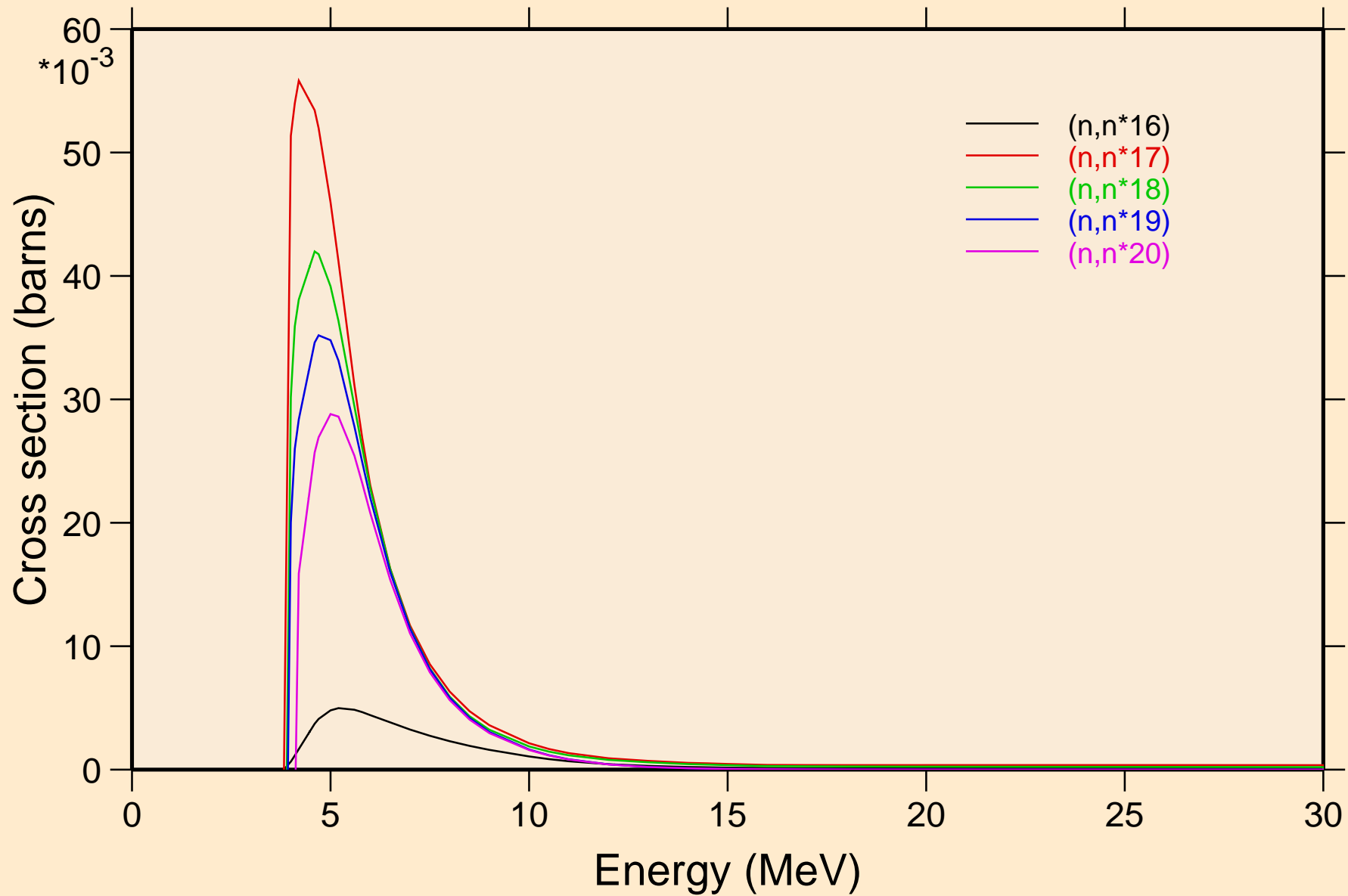
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



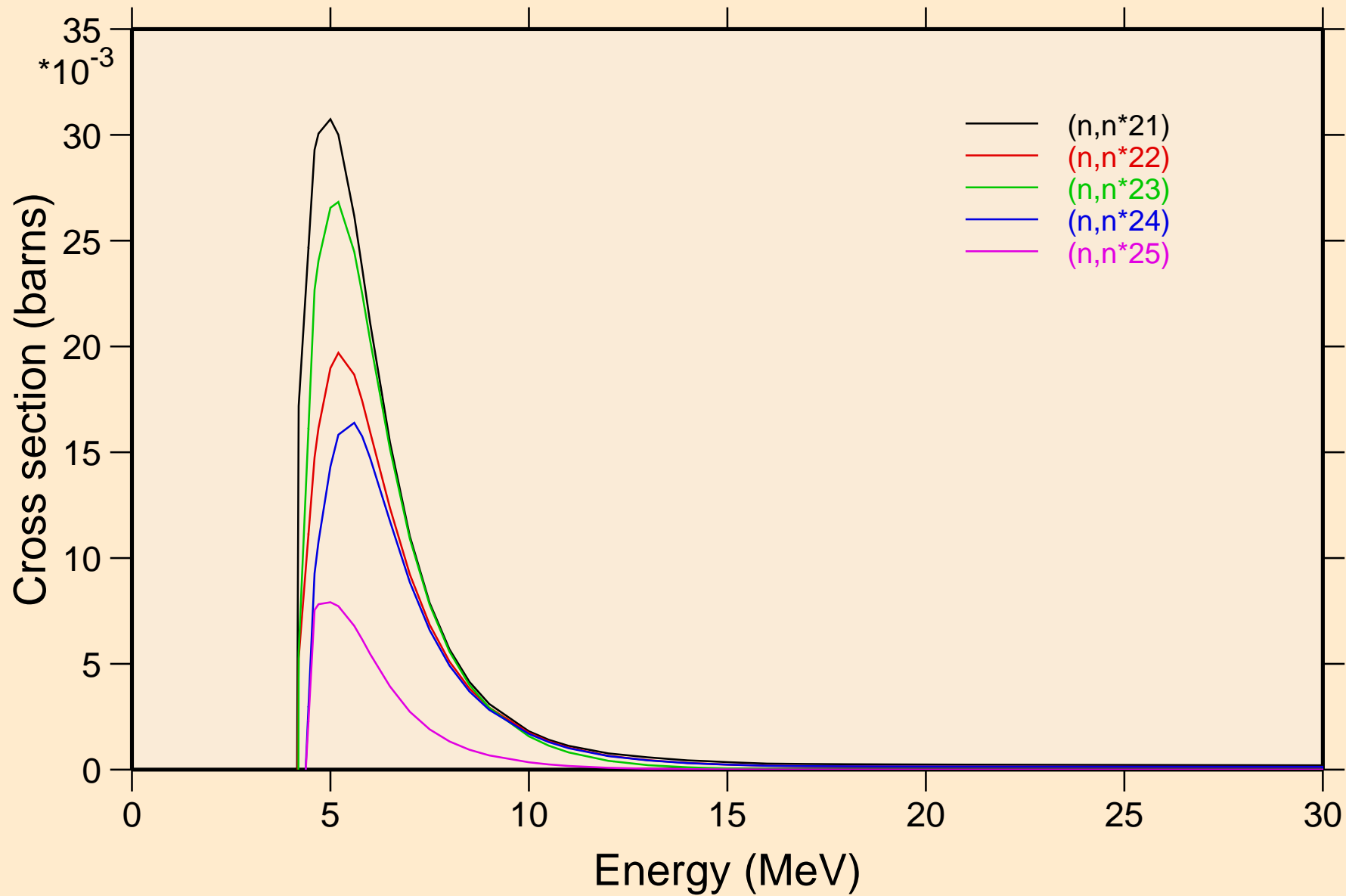
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



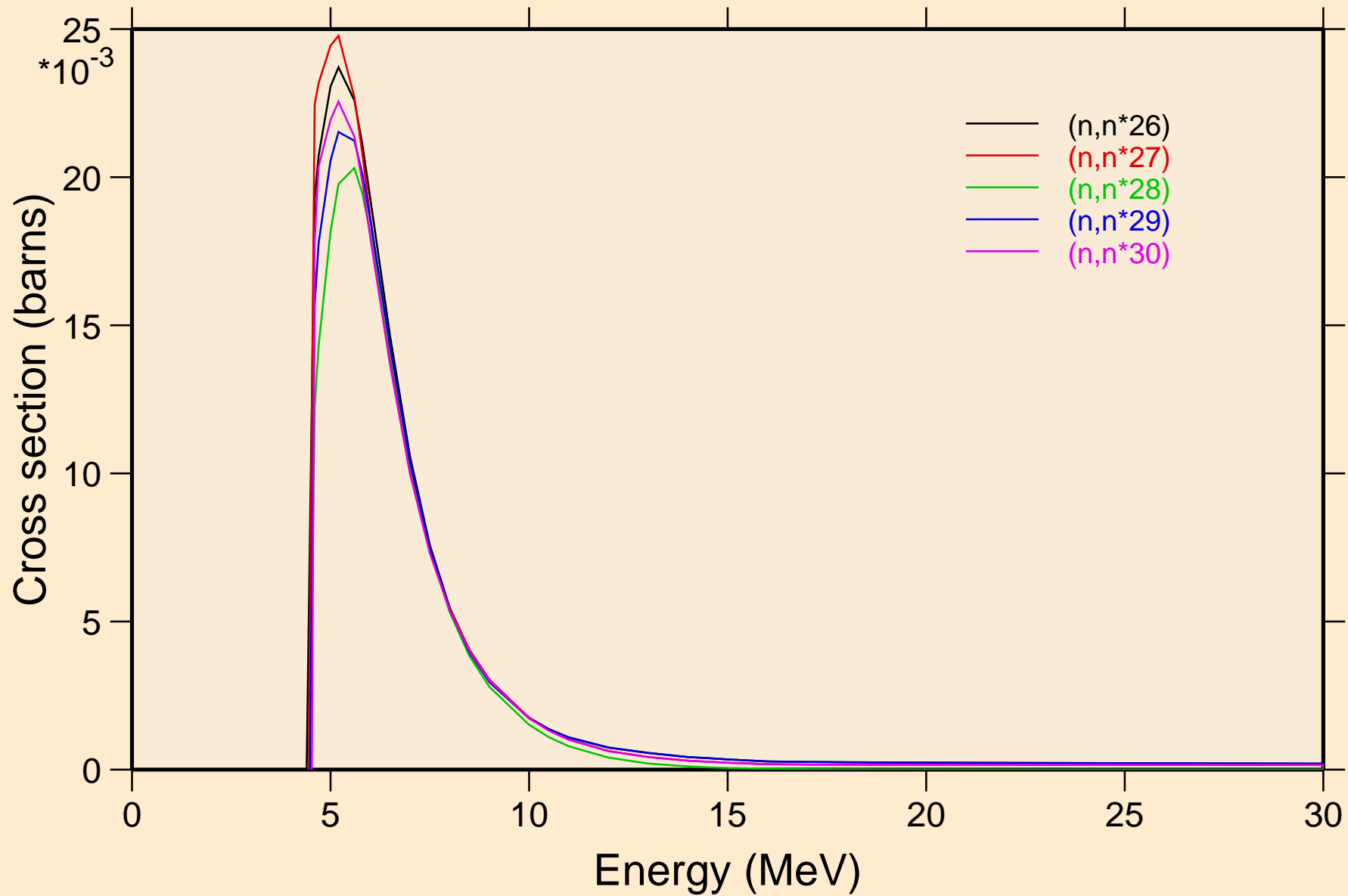
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



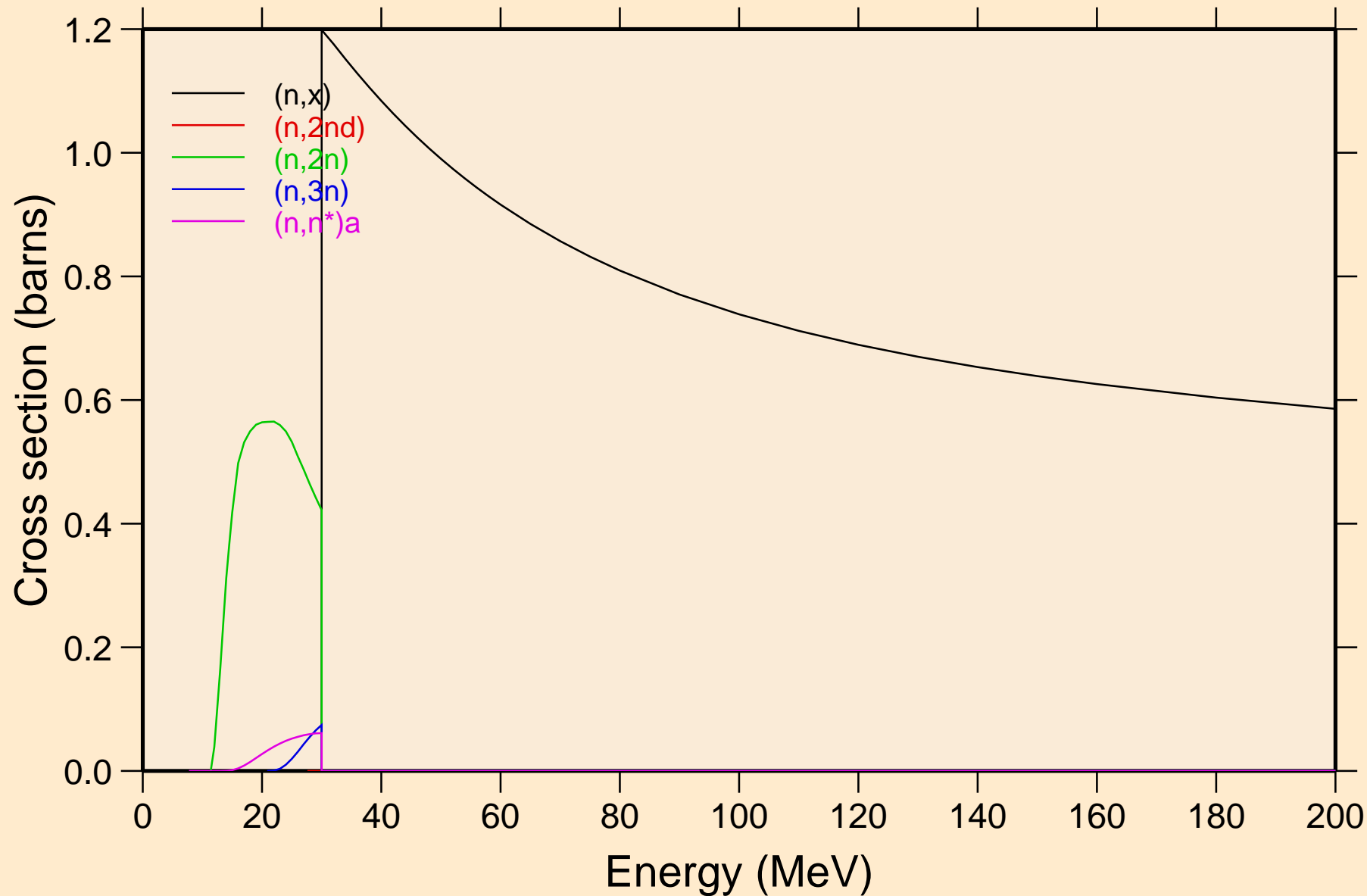
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

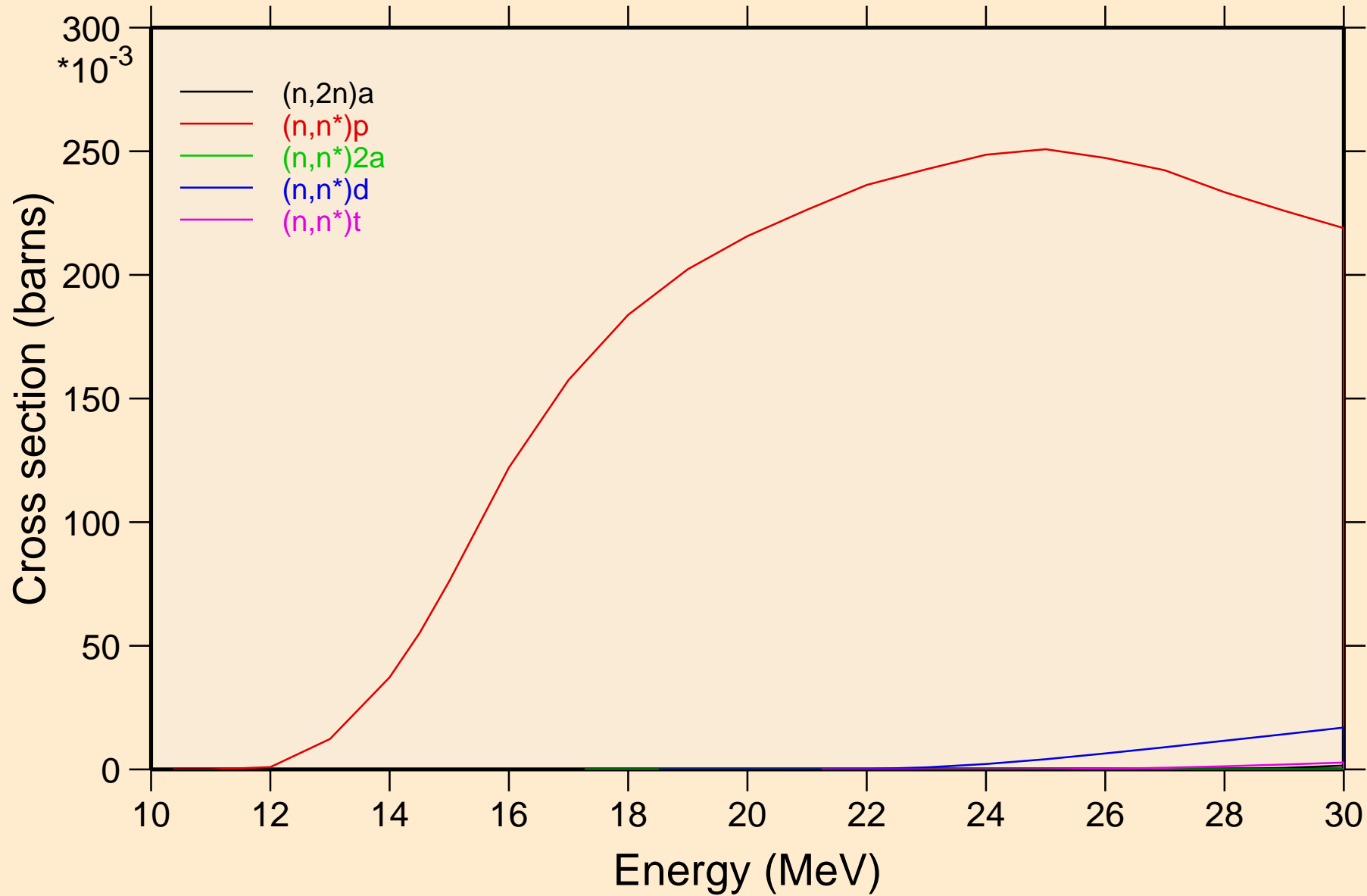


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

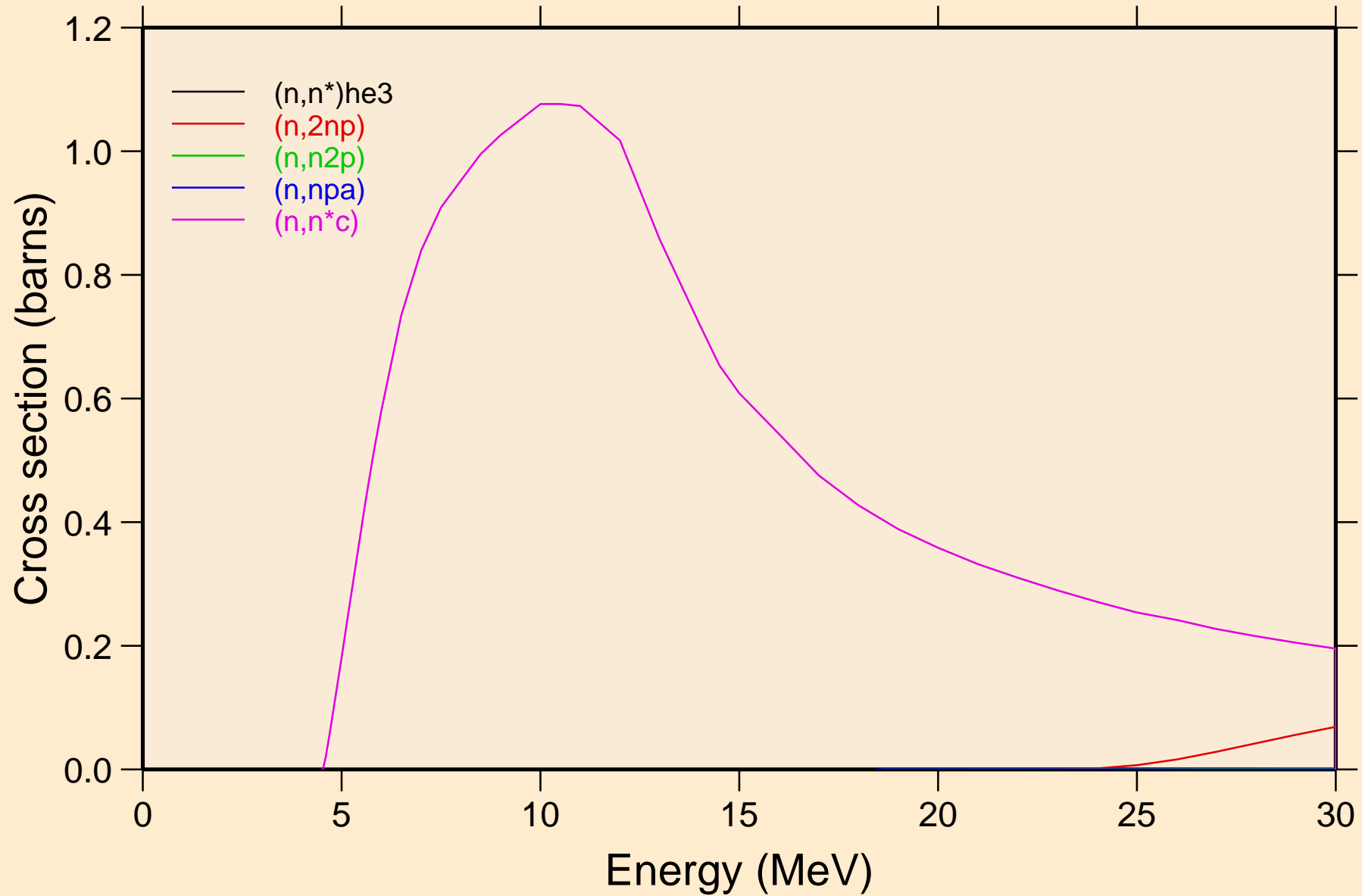
## Threshold reactions





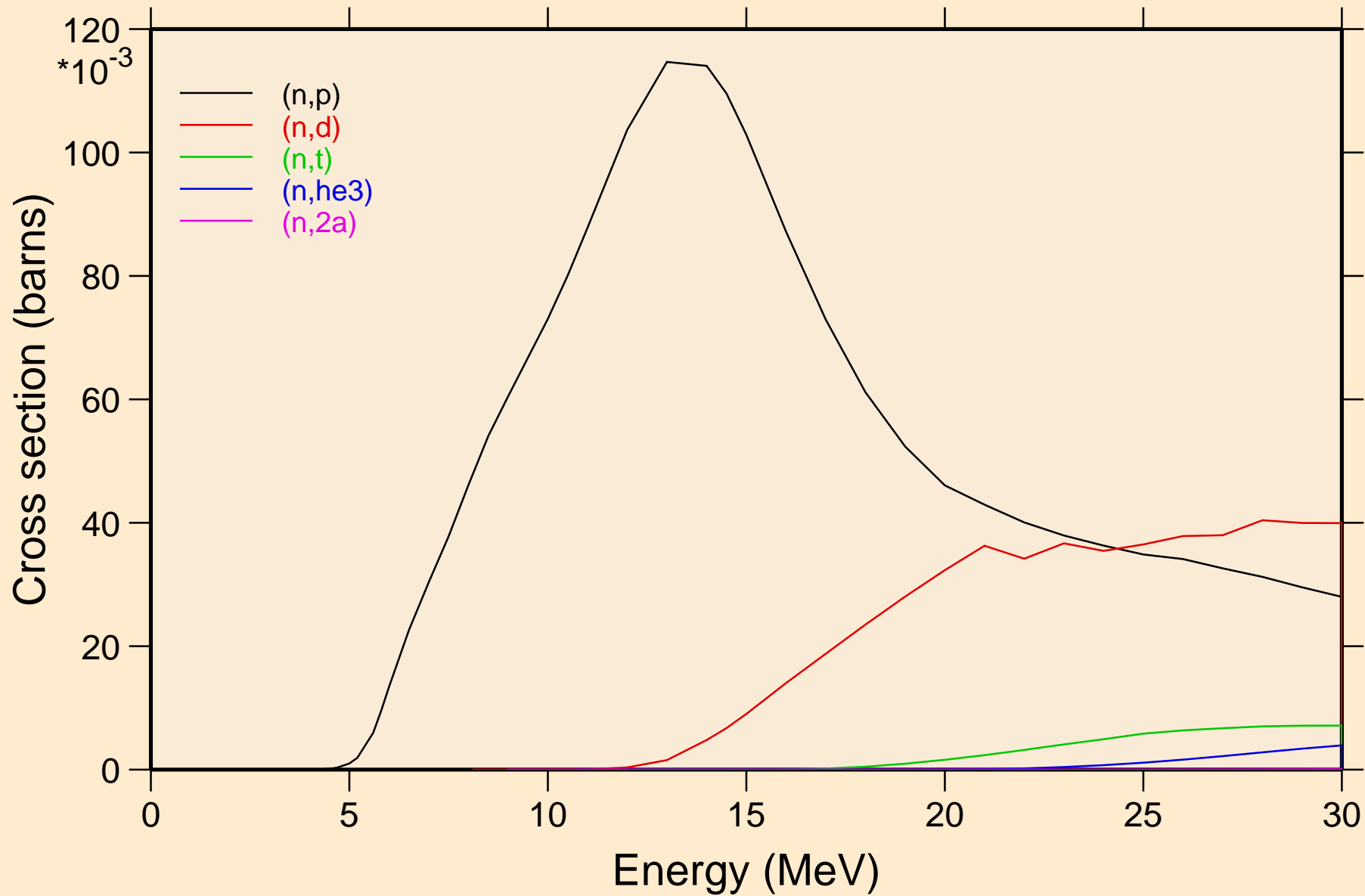
# FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



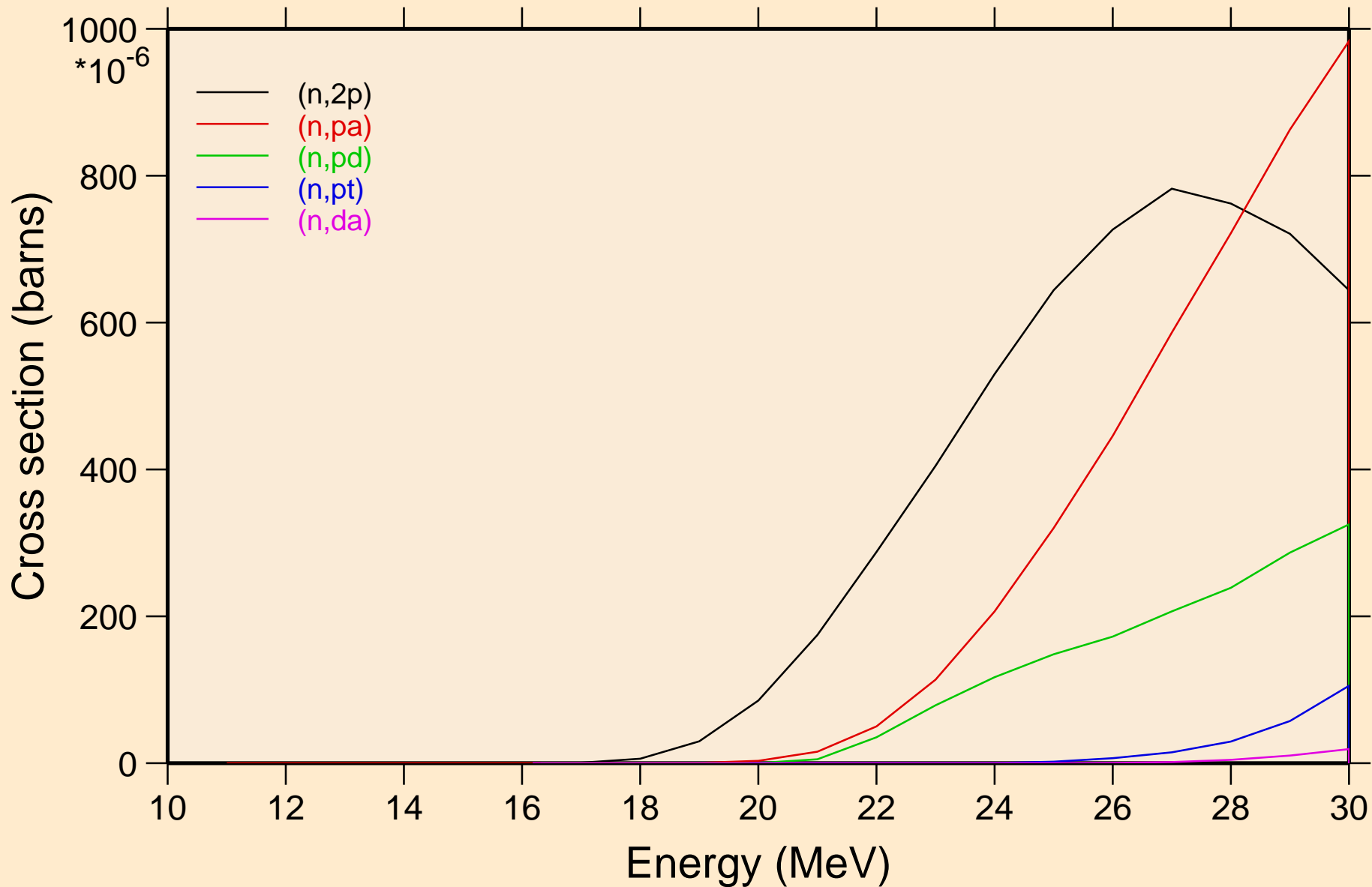
# FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



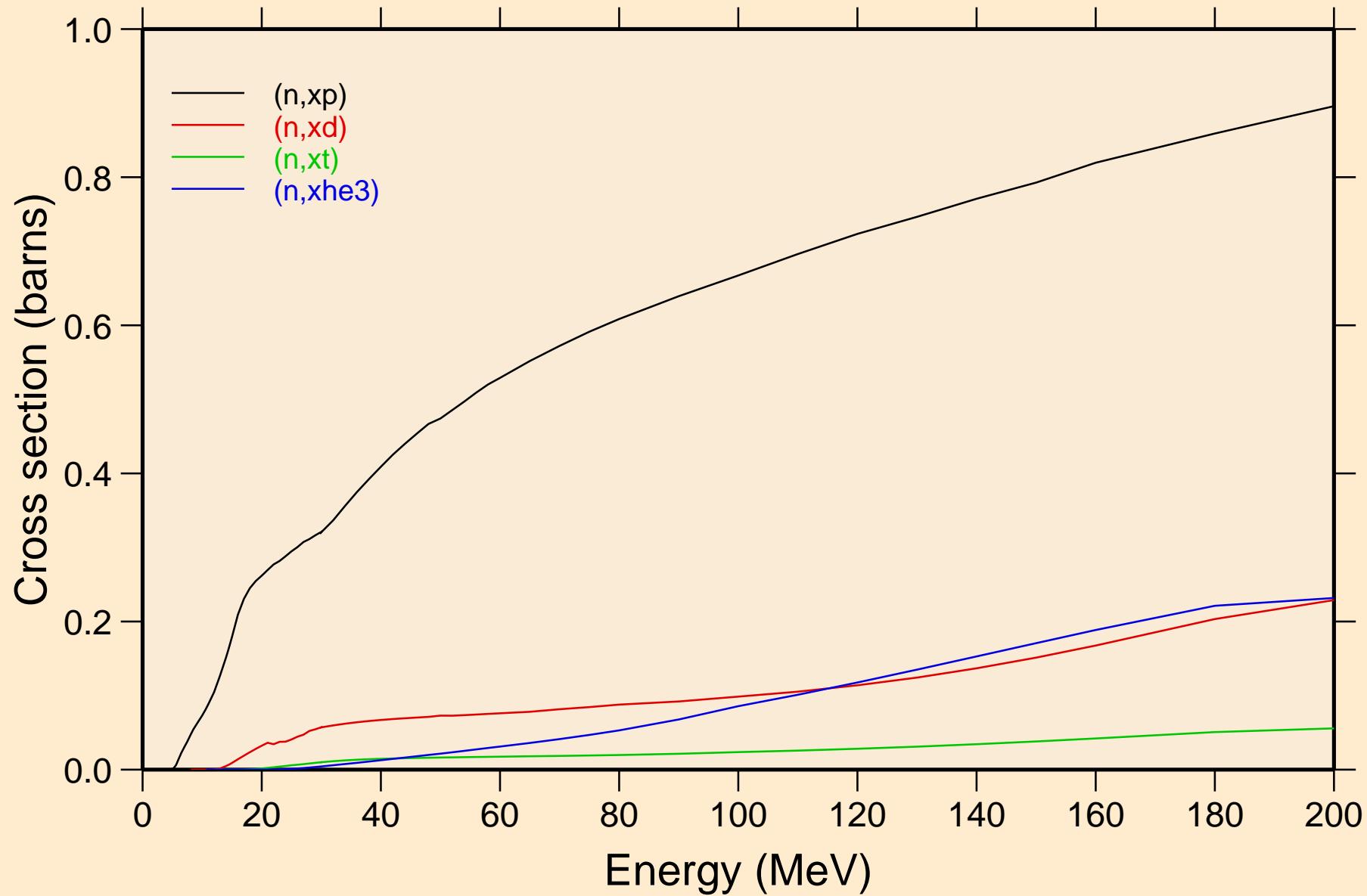
# FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

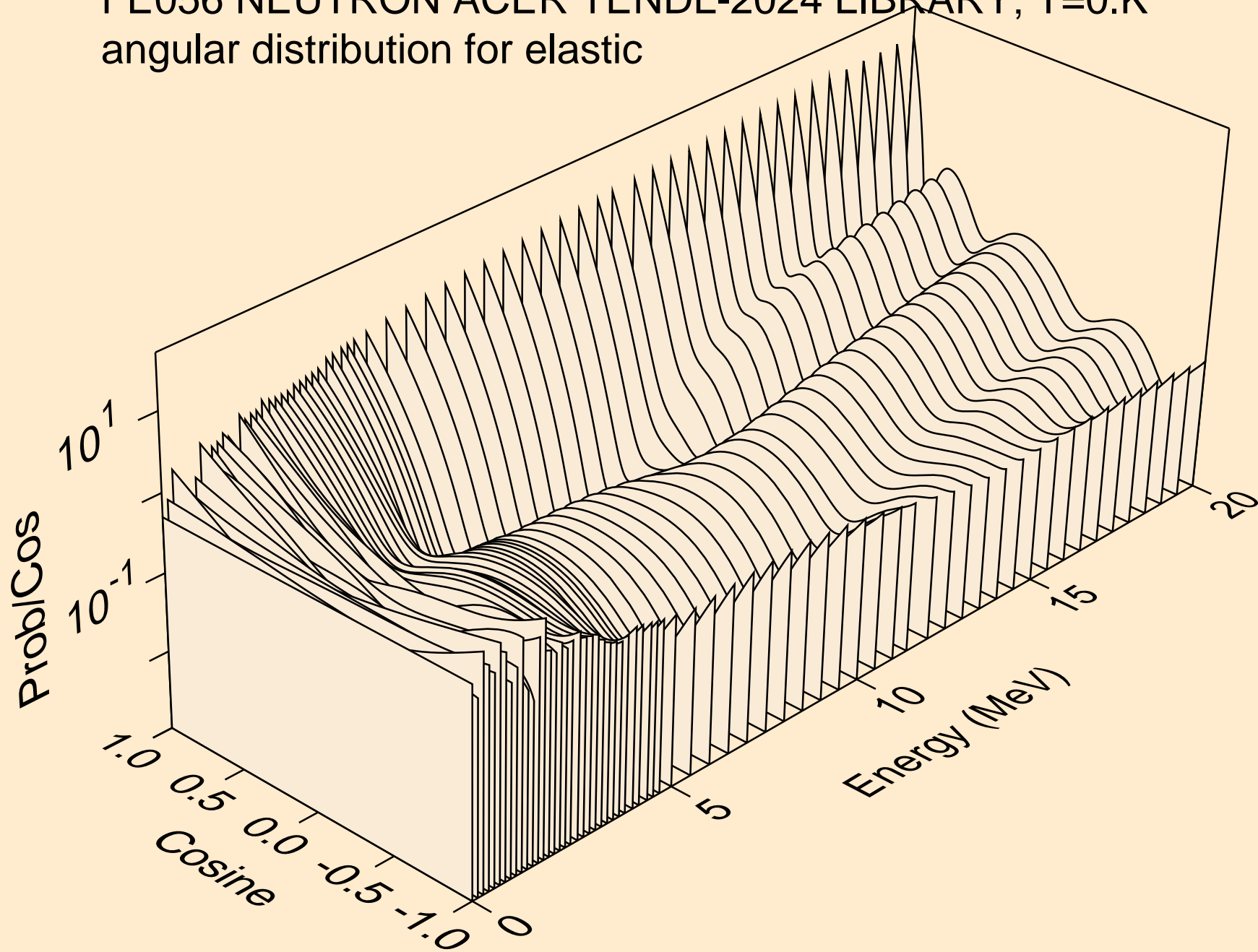


# FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

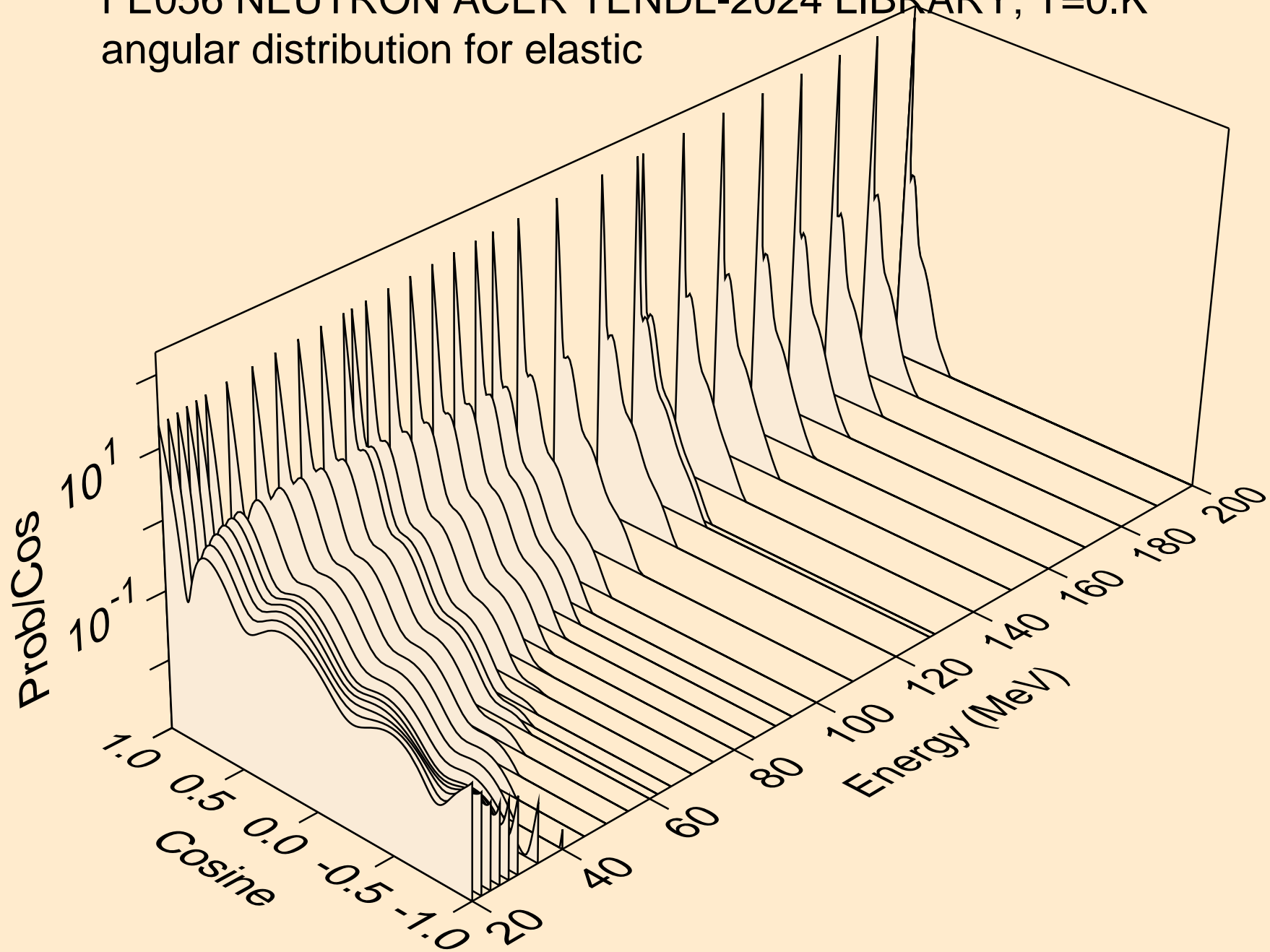
## Threshold reactions



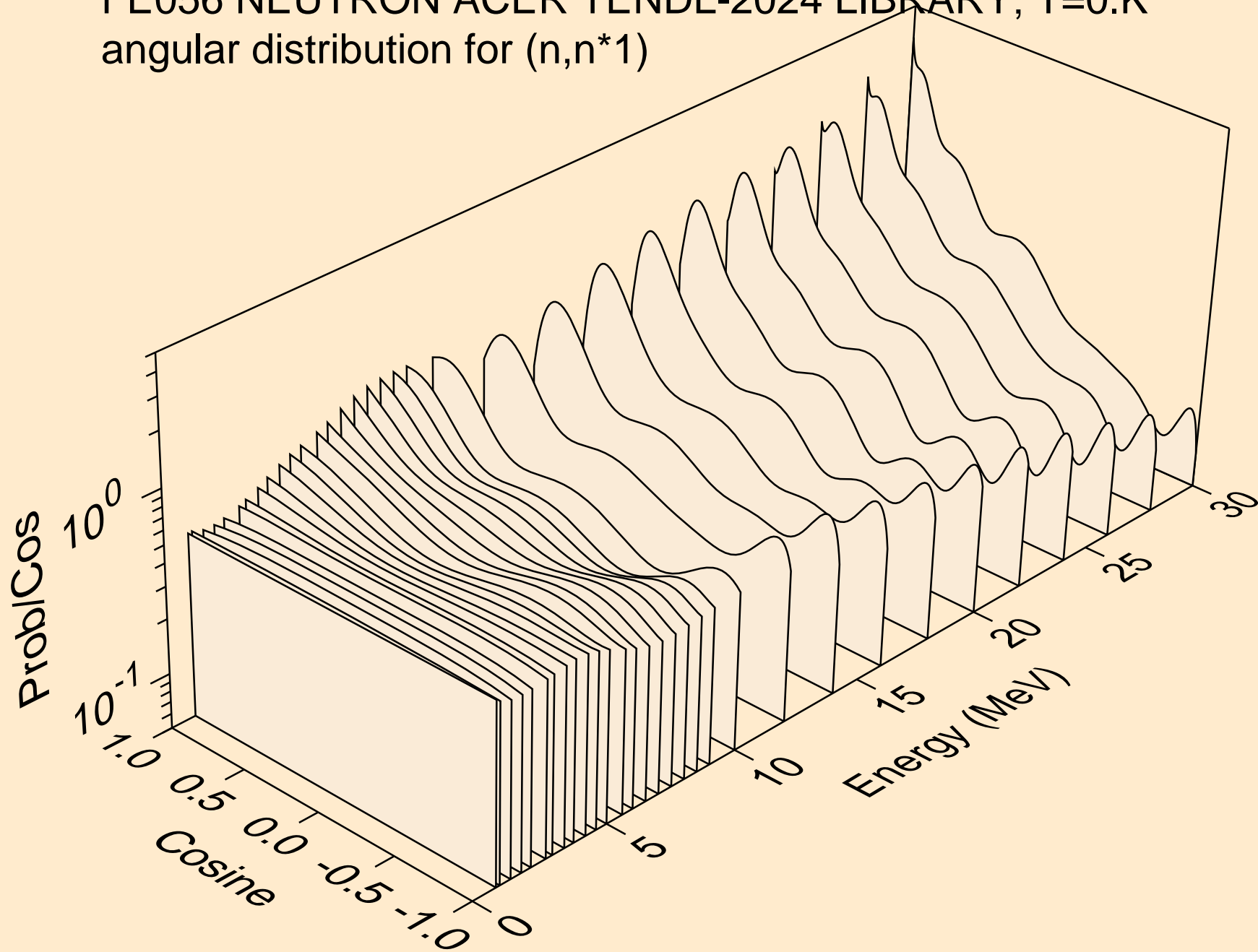
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



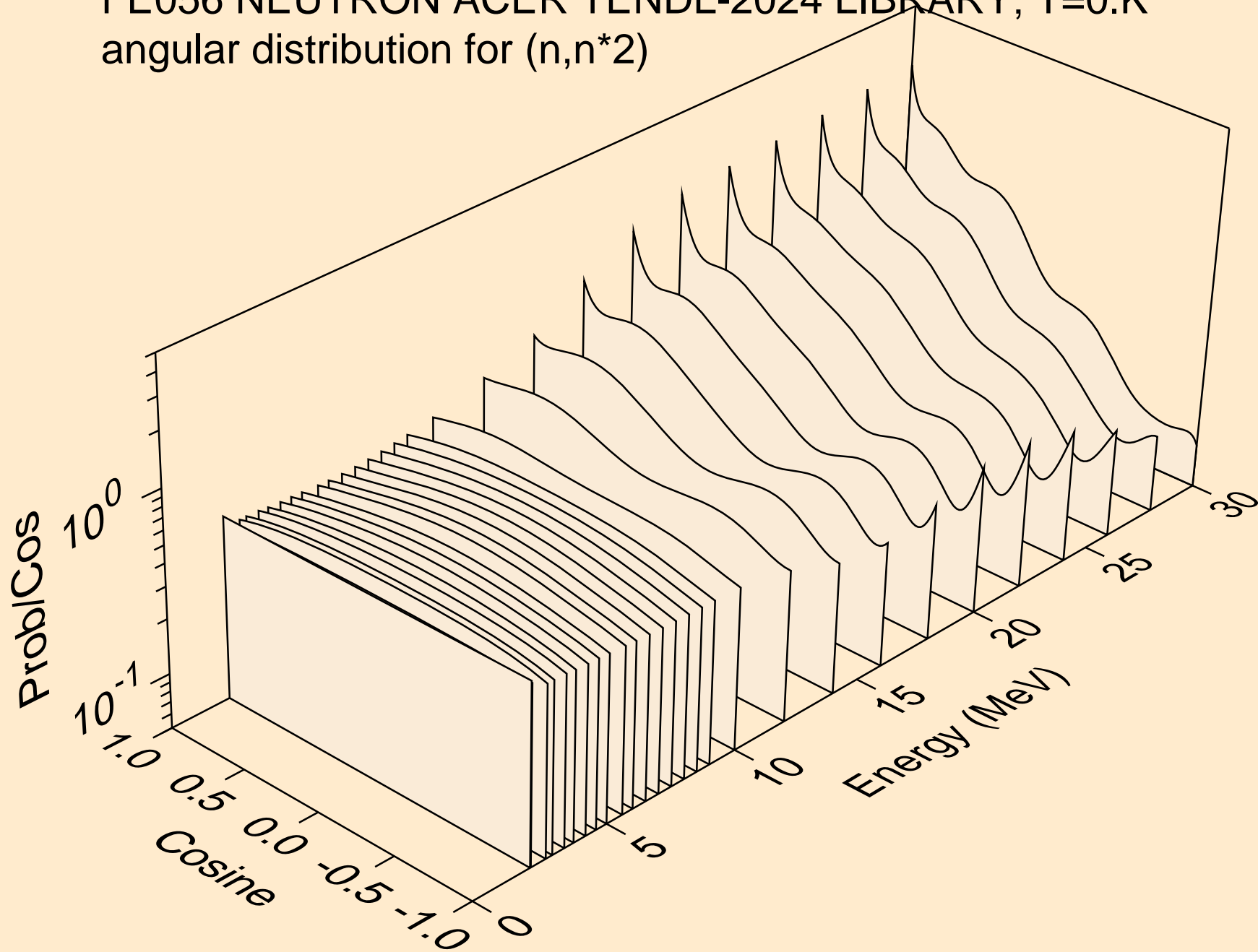
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

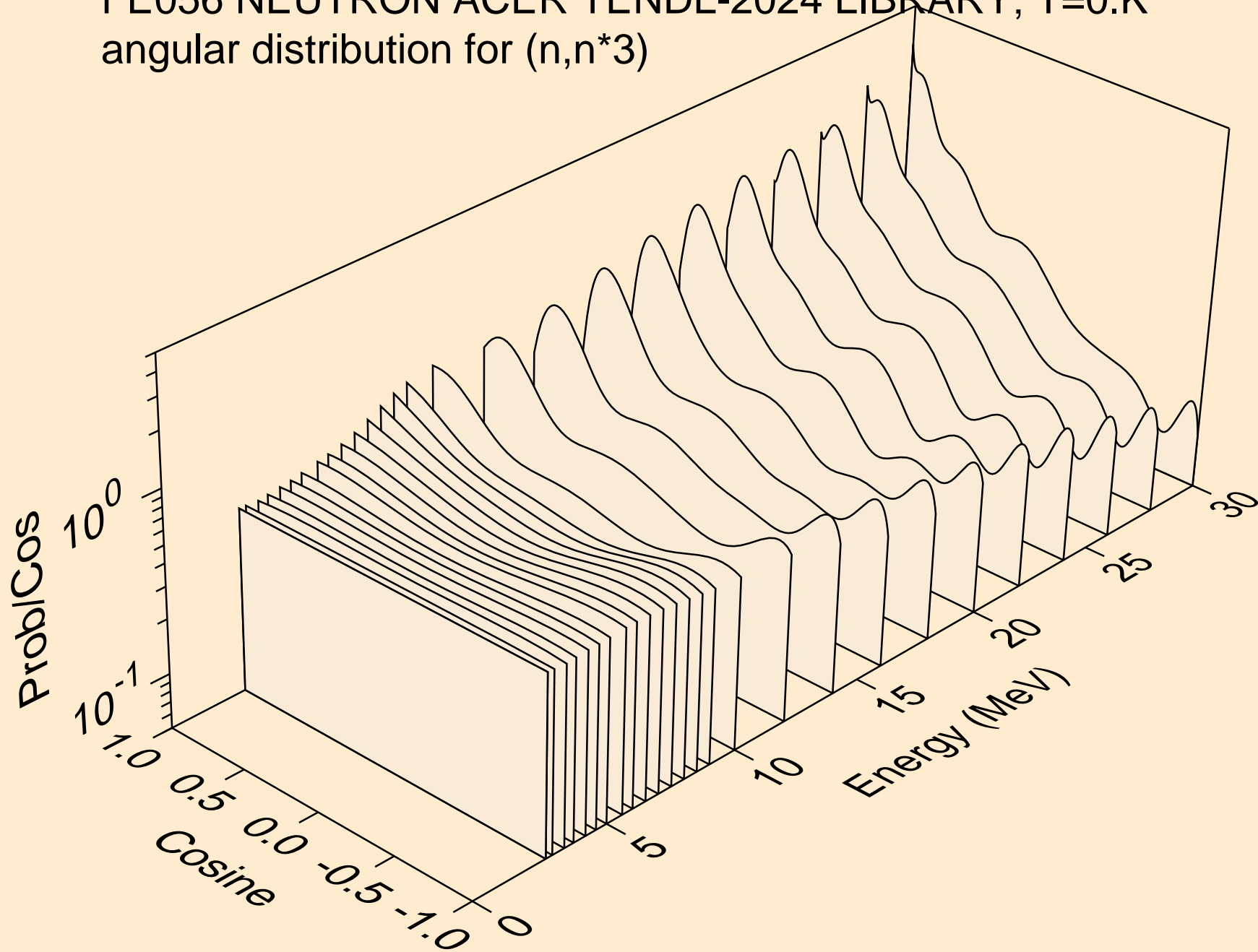


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

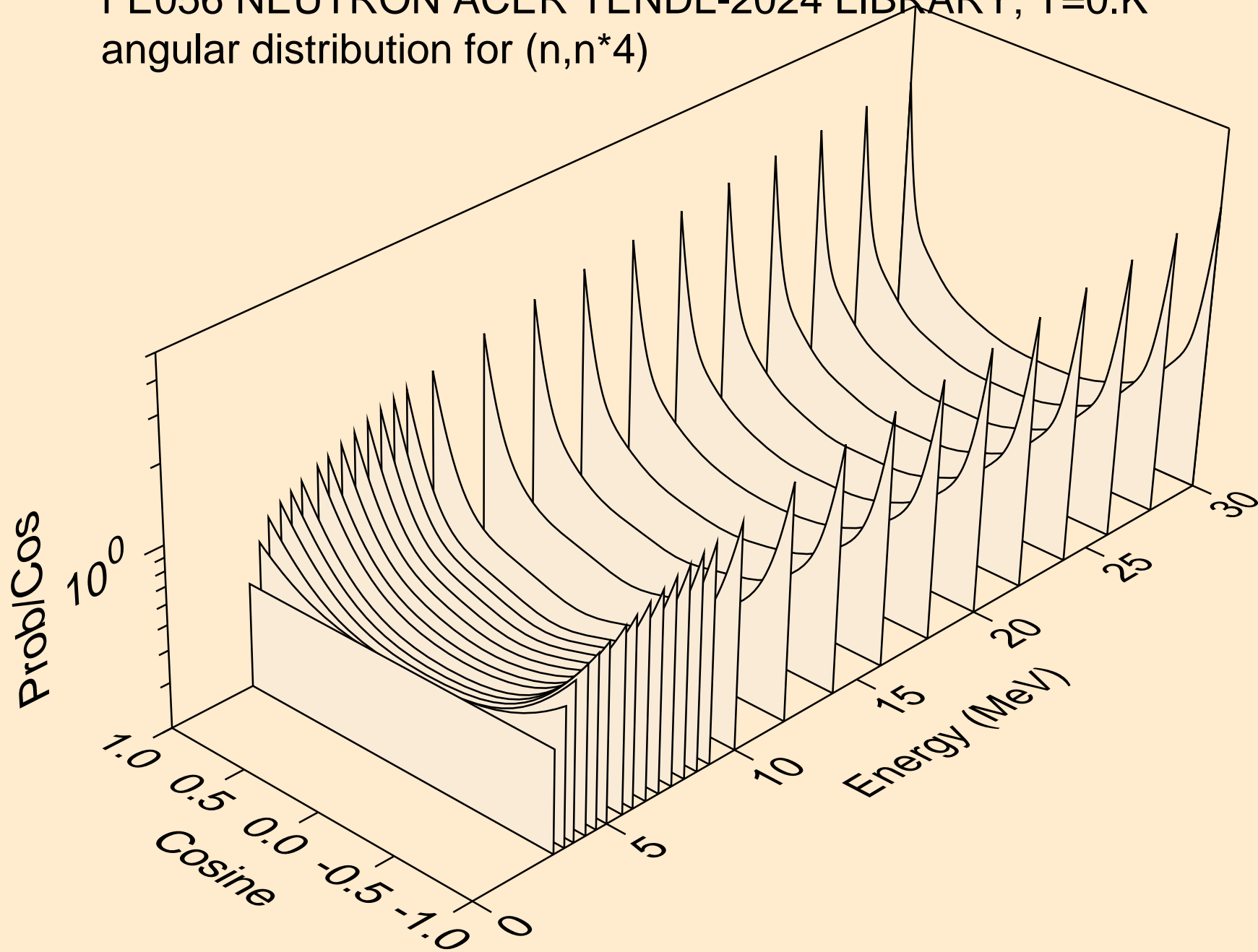




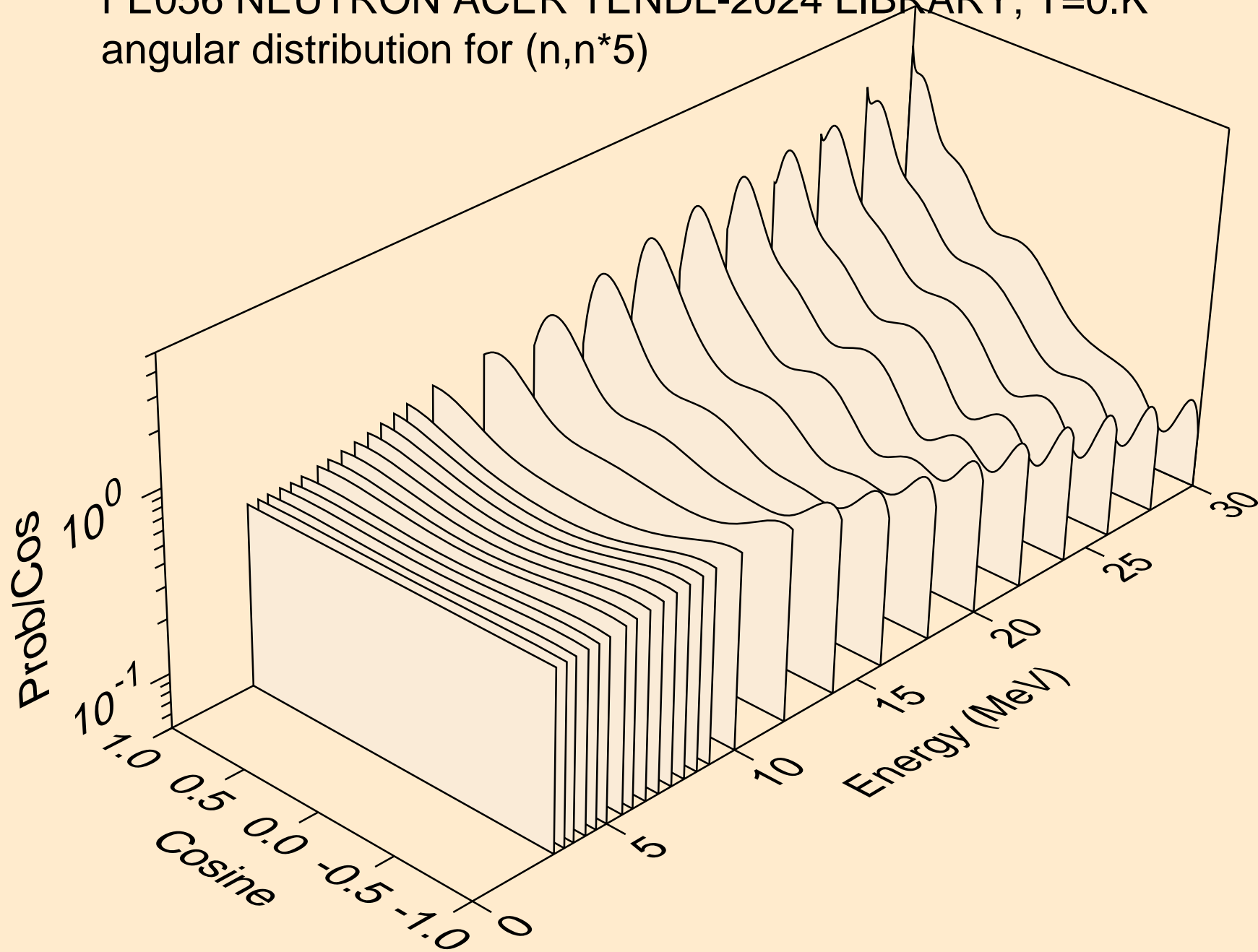
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



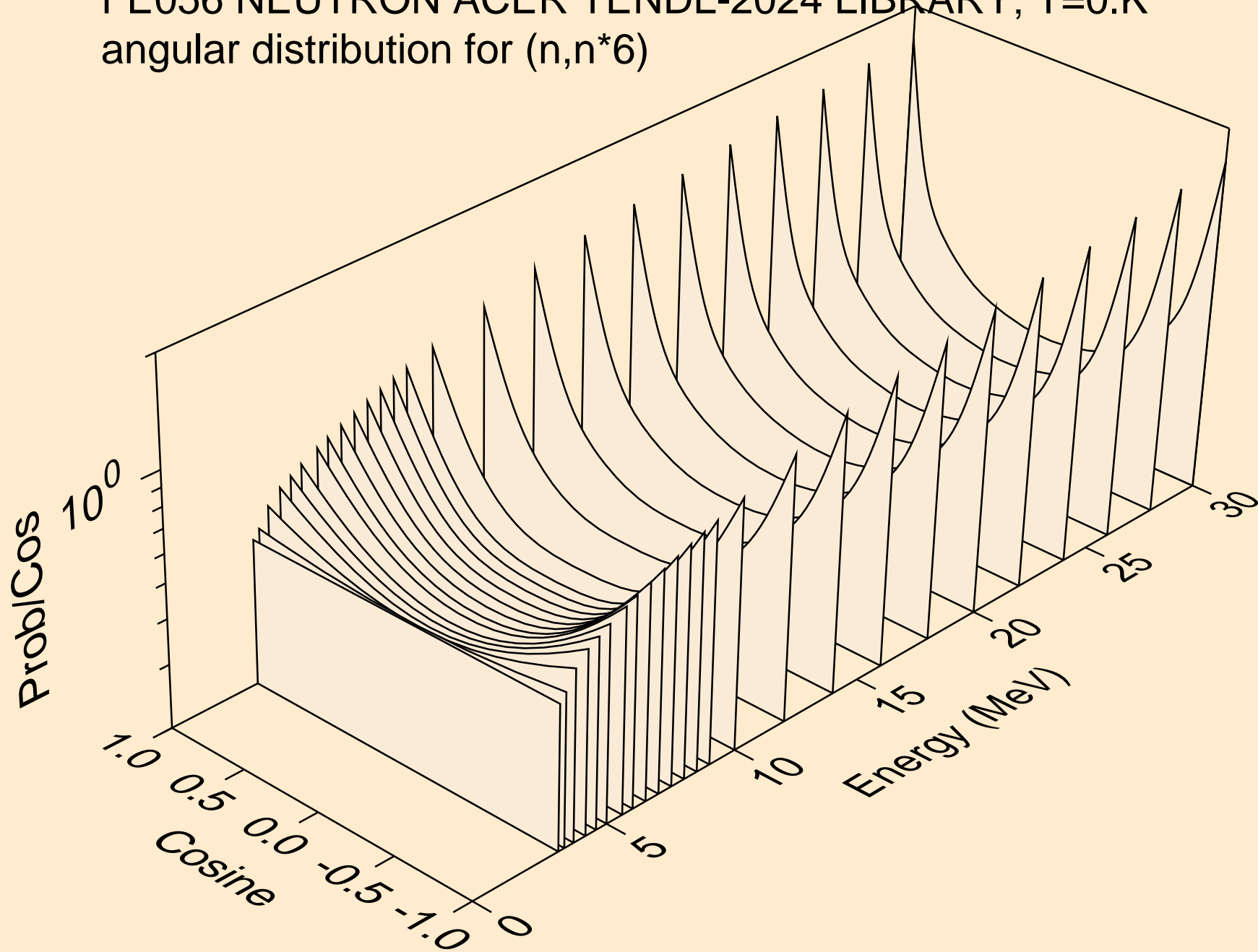
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



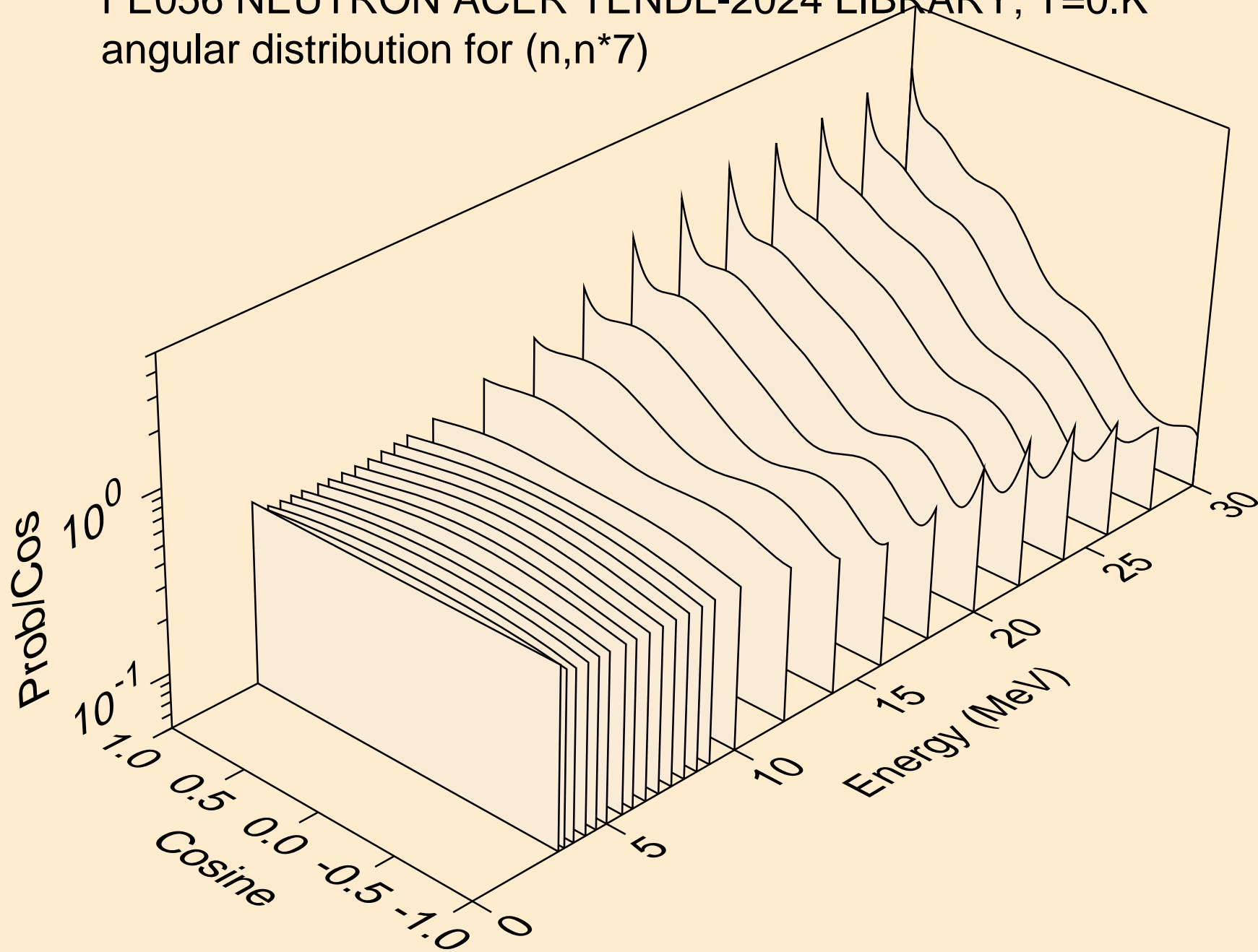
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



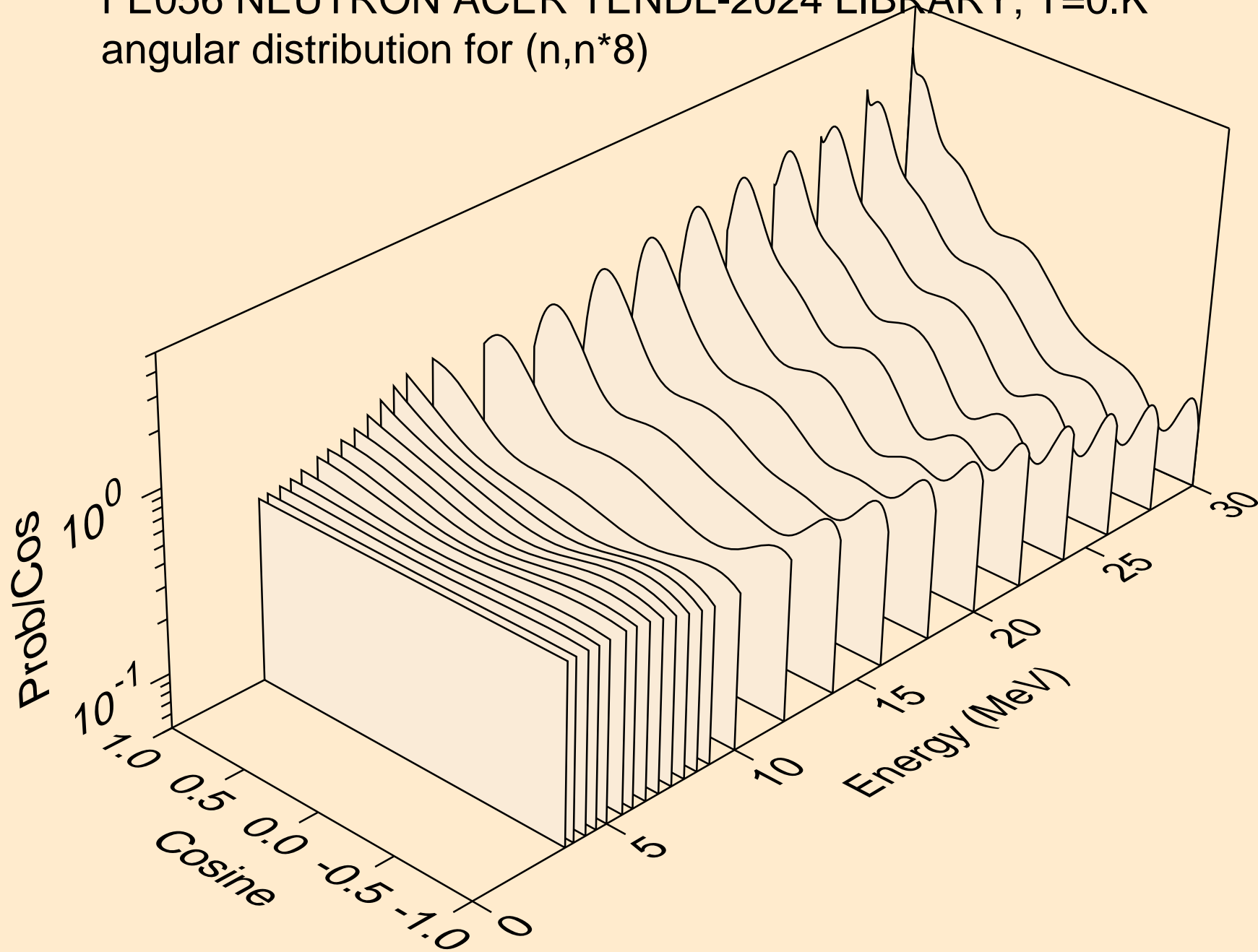
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



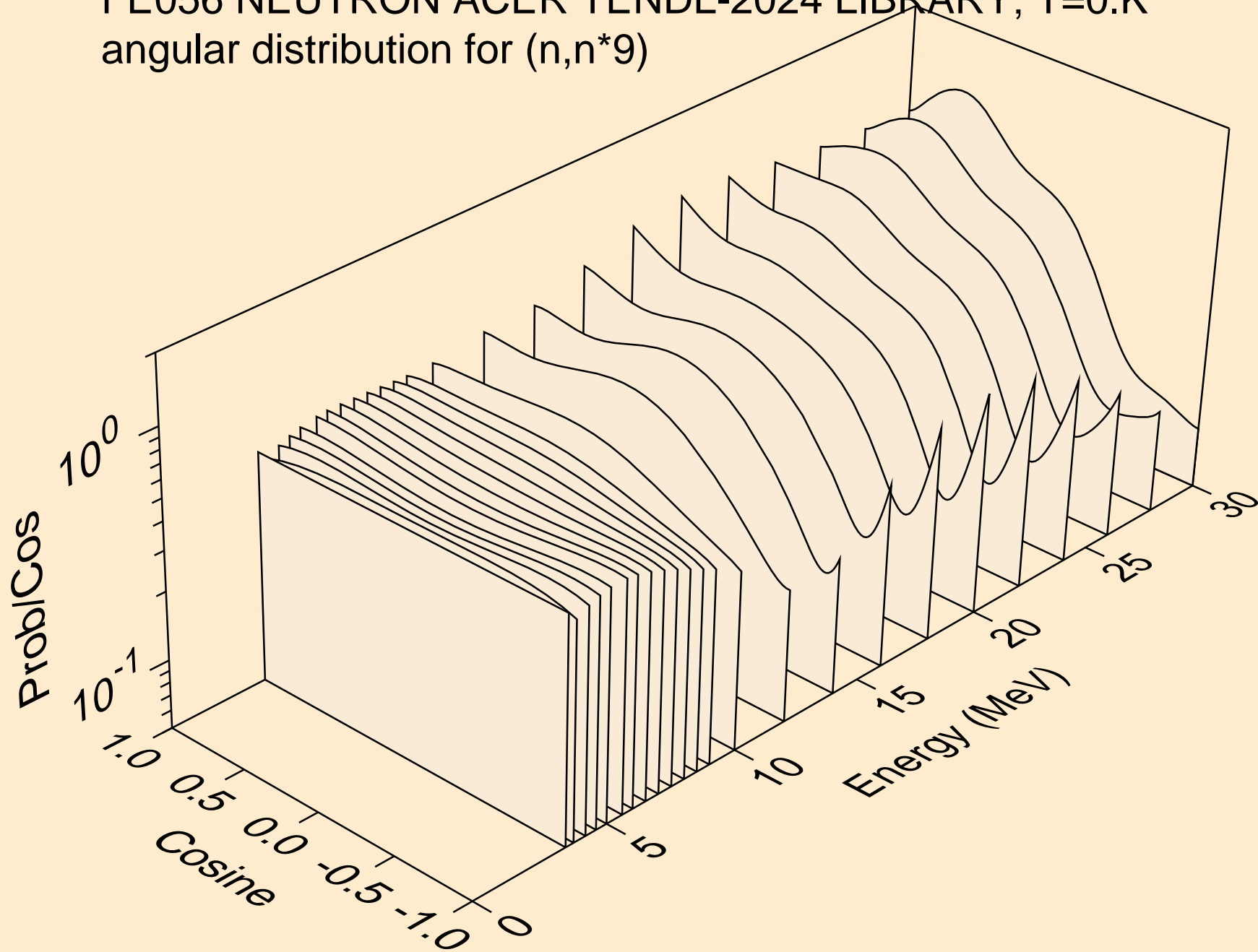
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



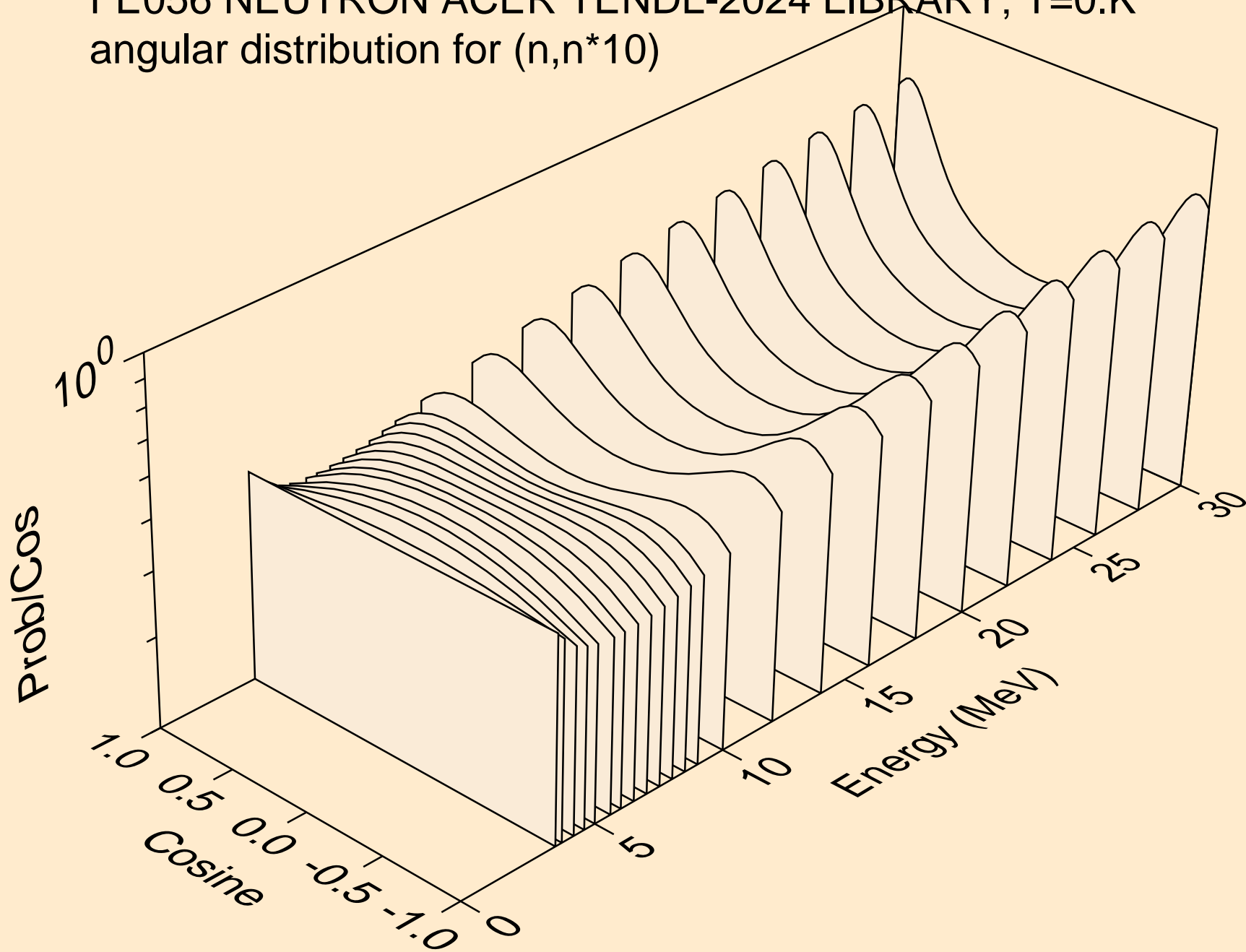
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

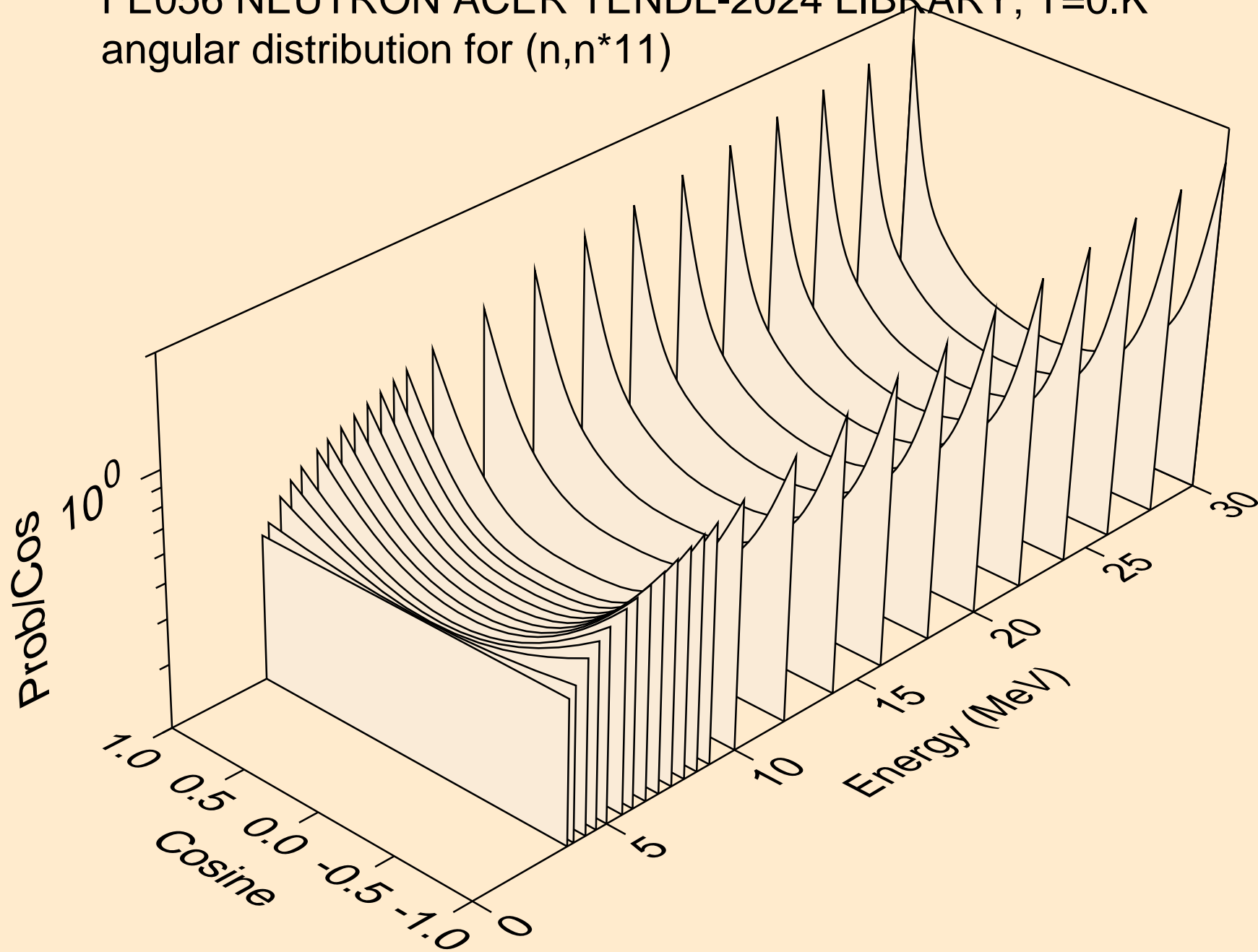


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

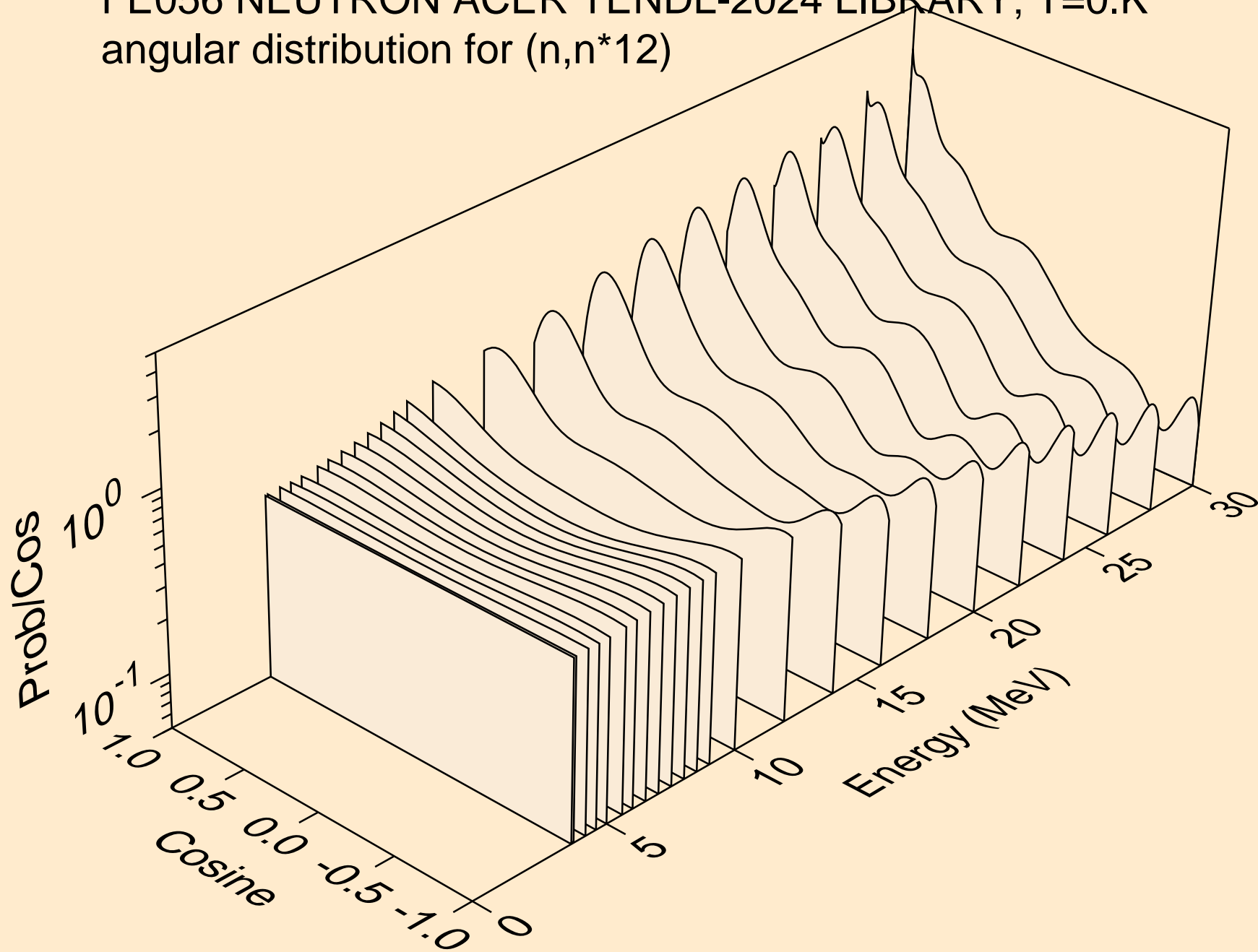




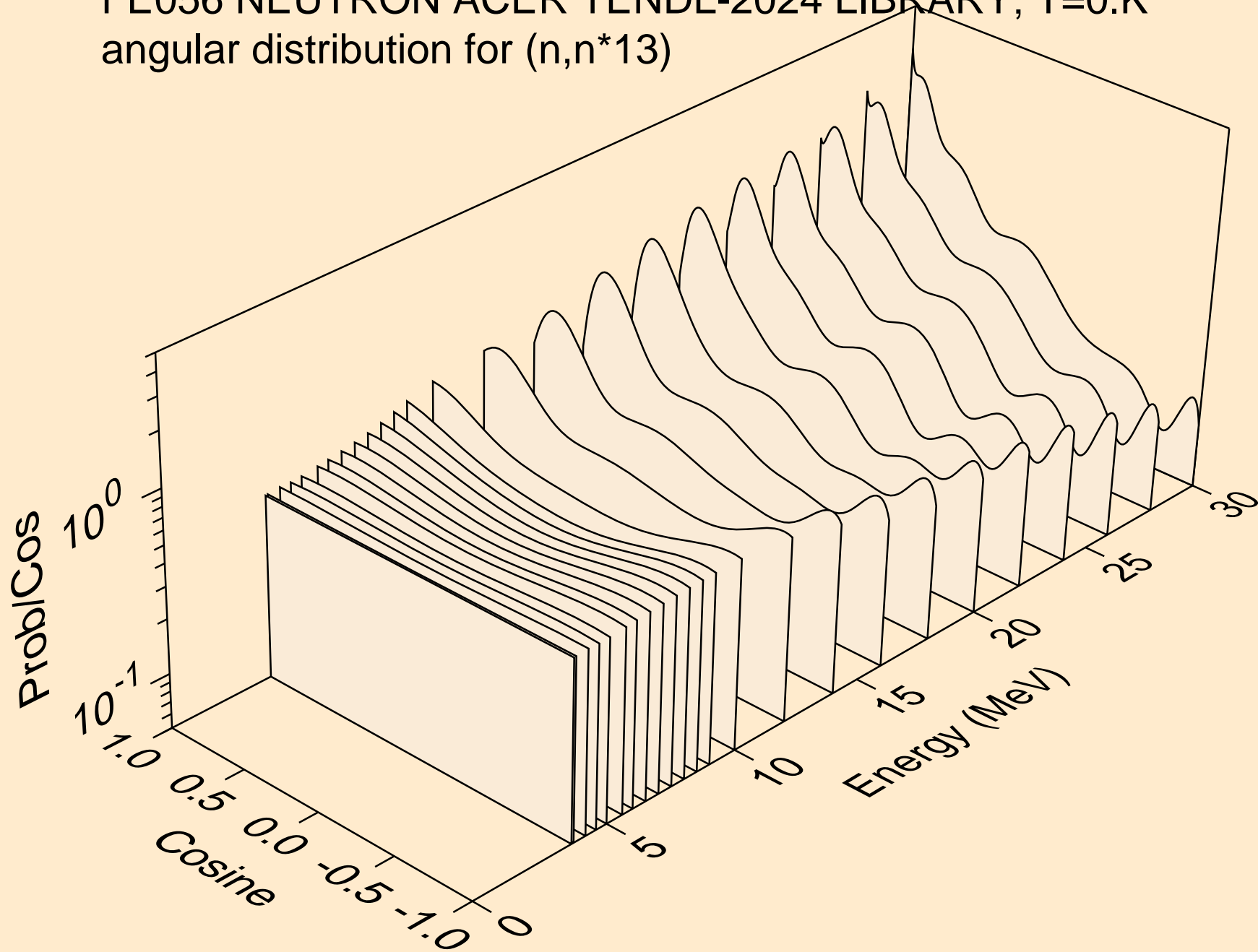
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



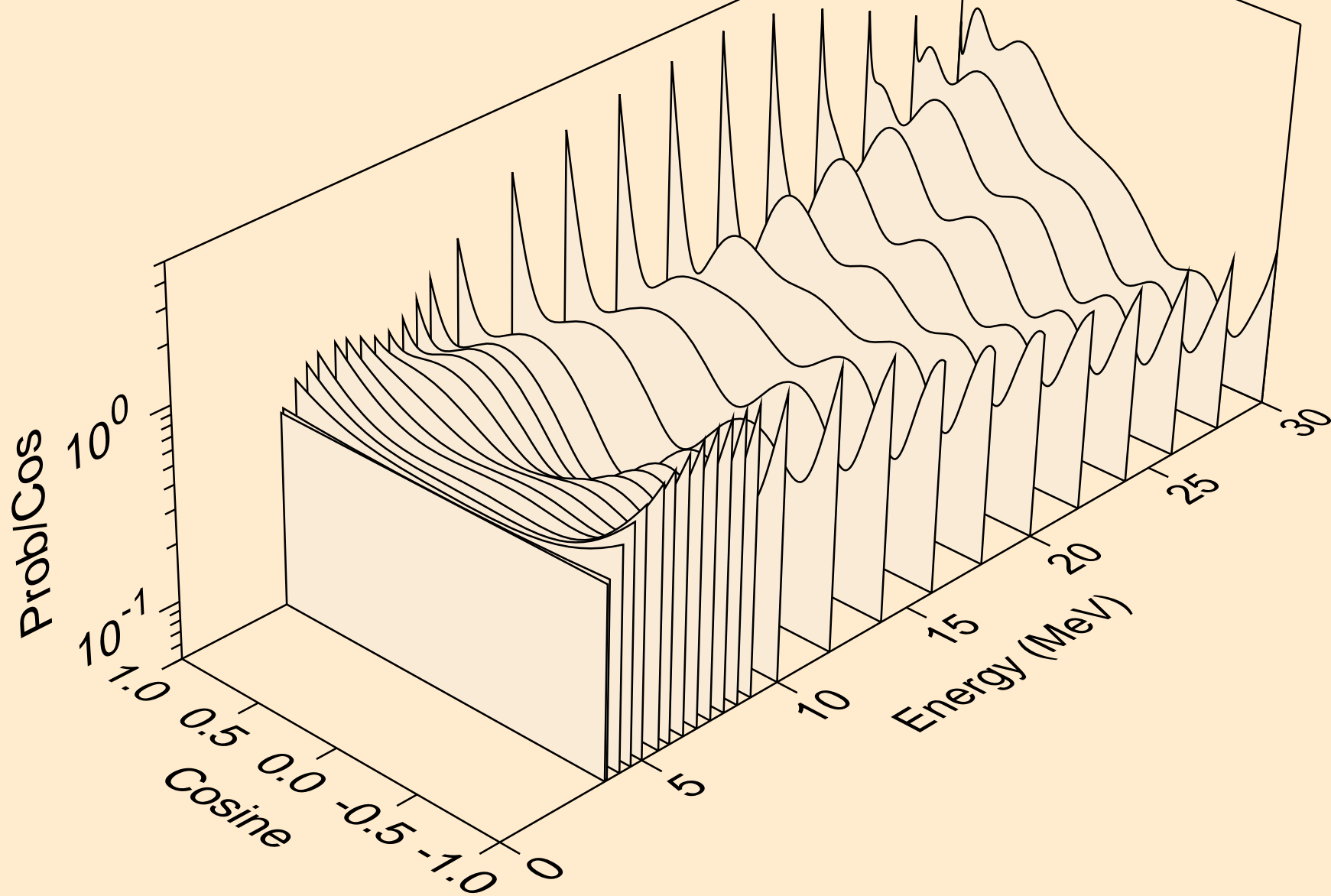
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



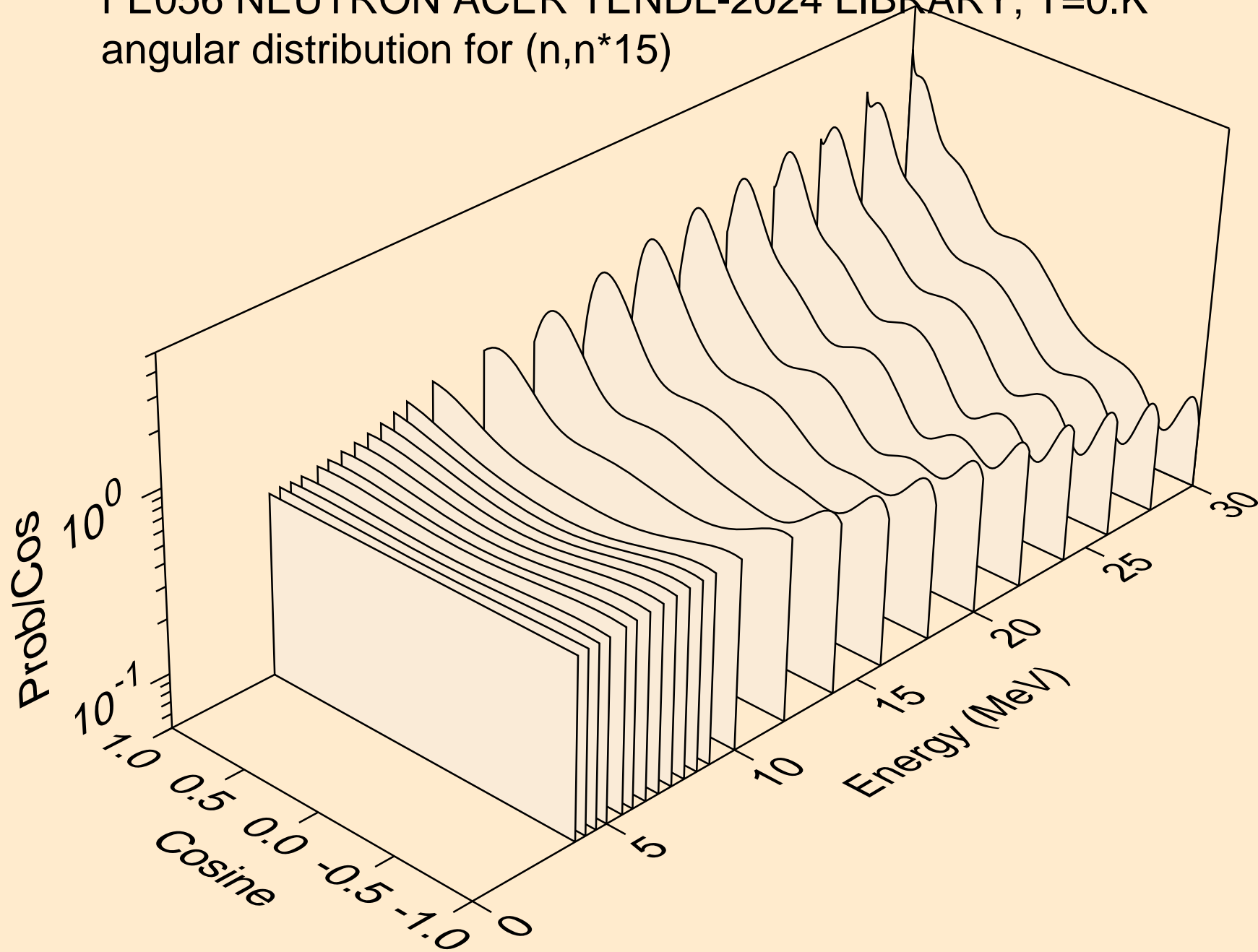
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



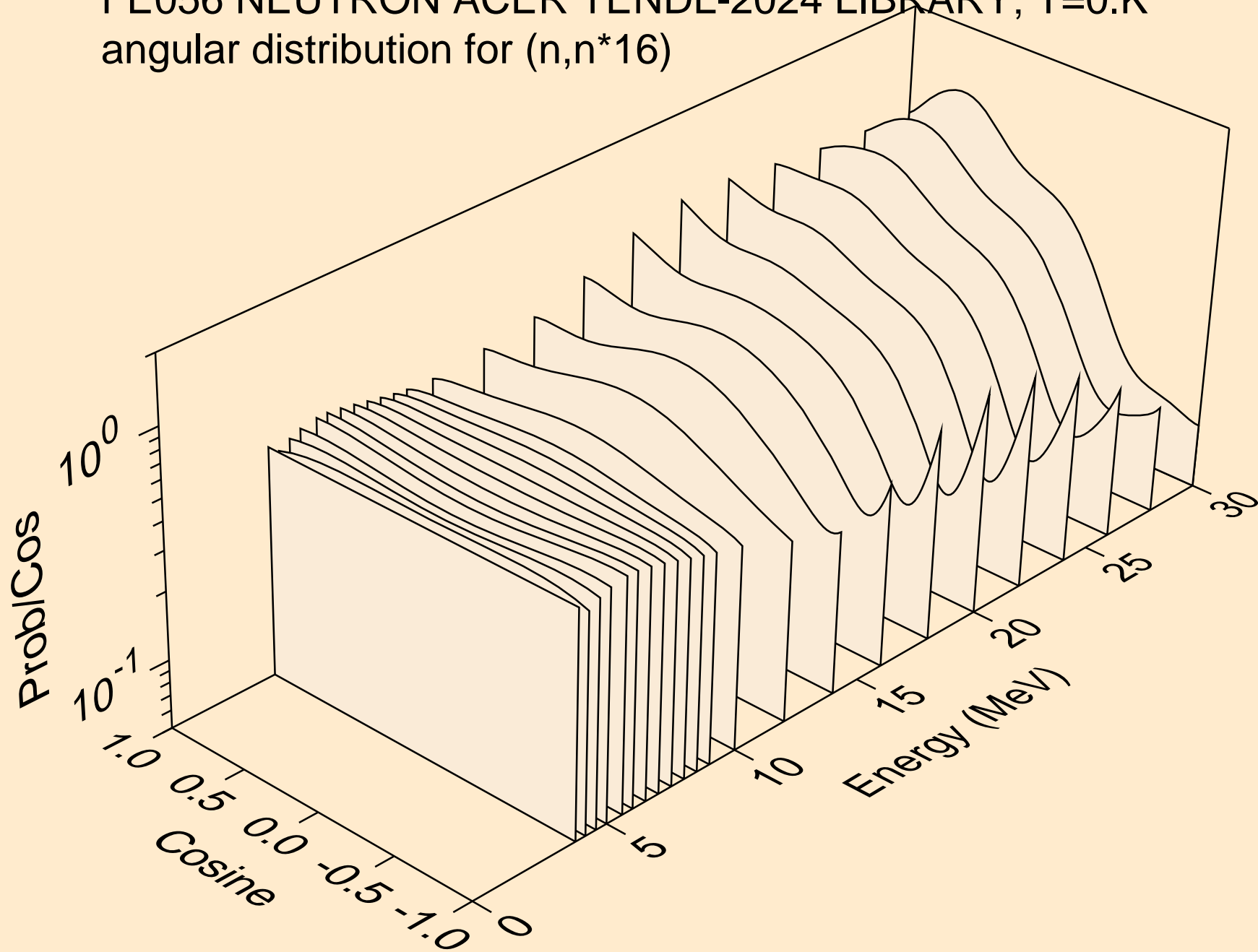
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



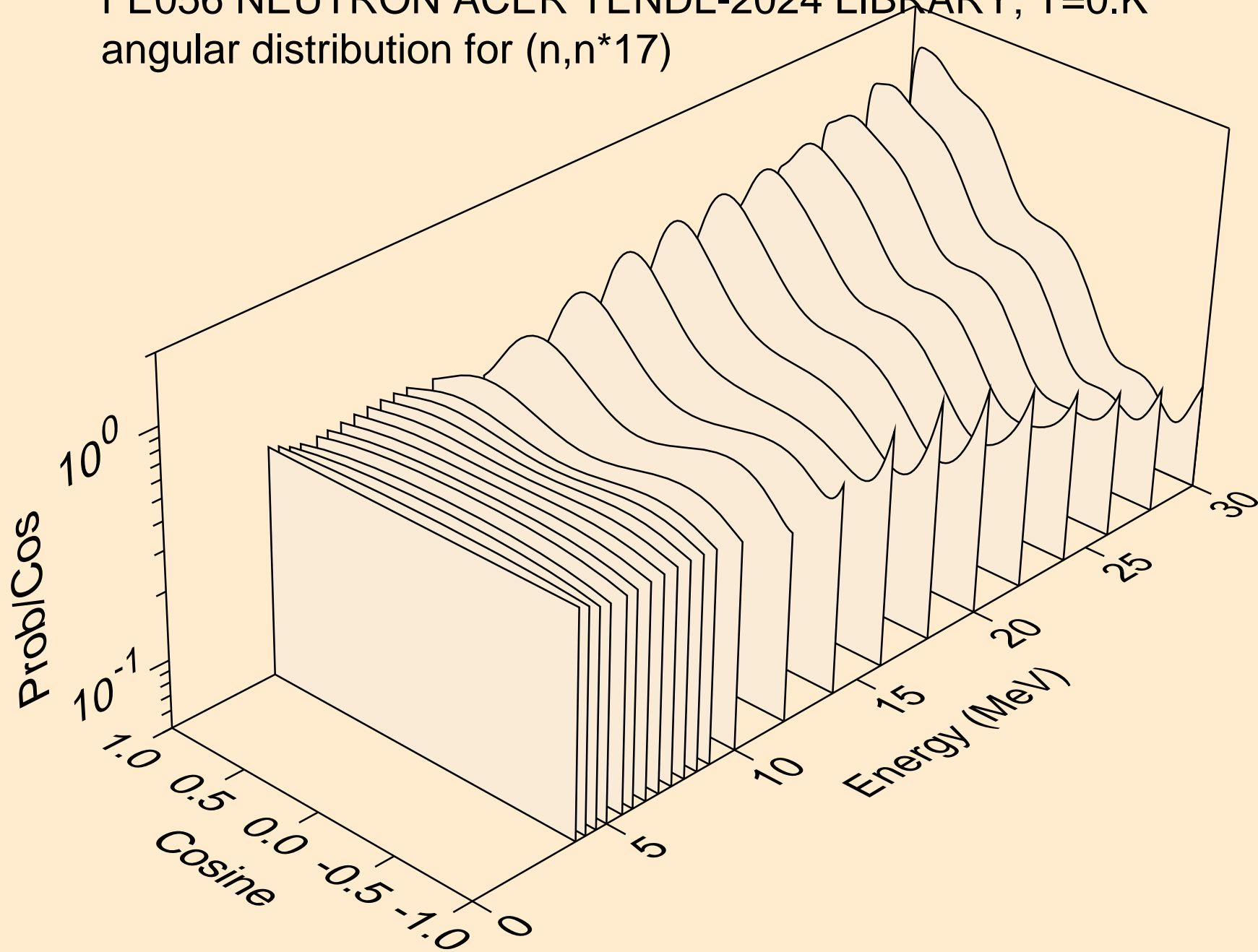
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



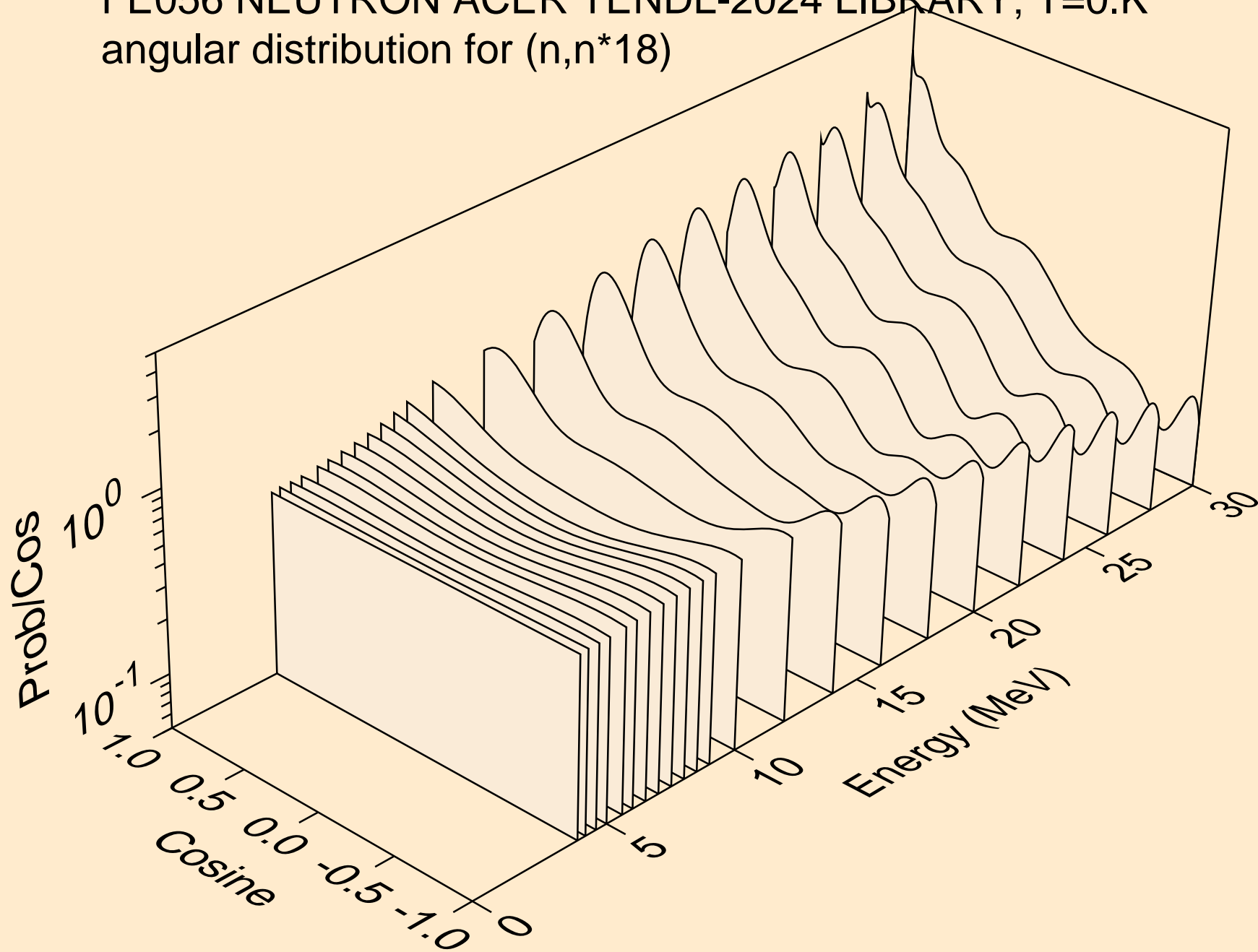
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

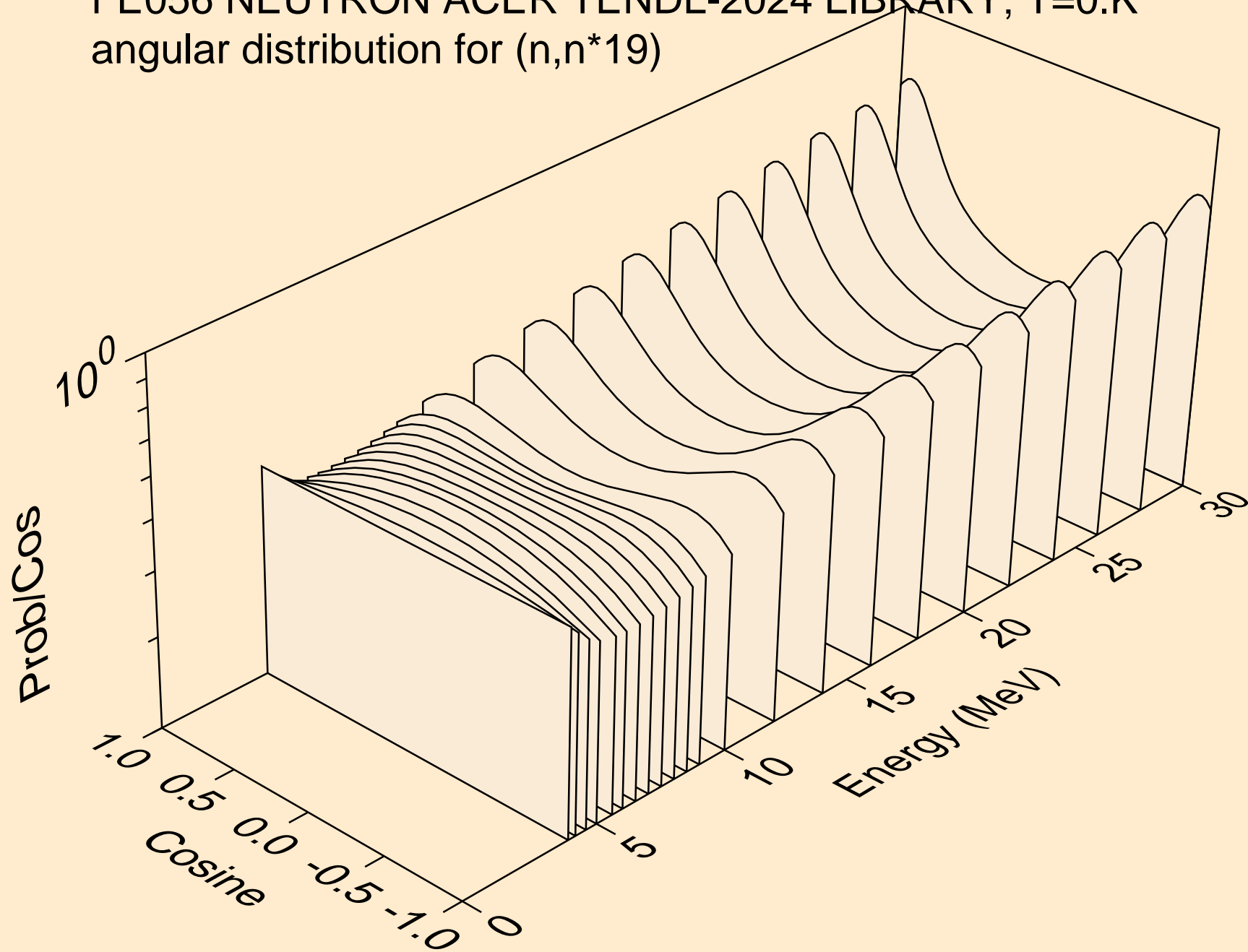


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

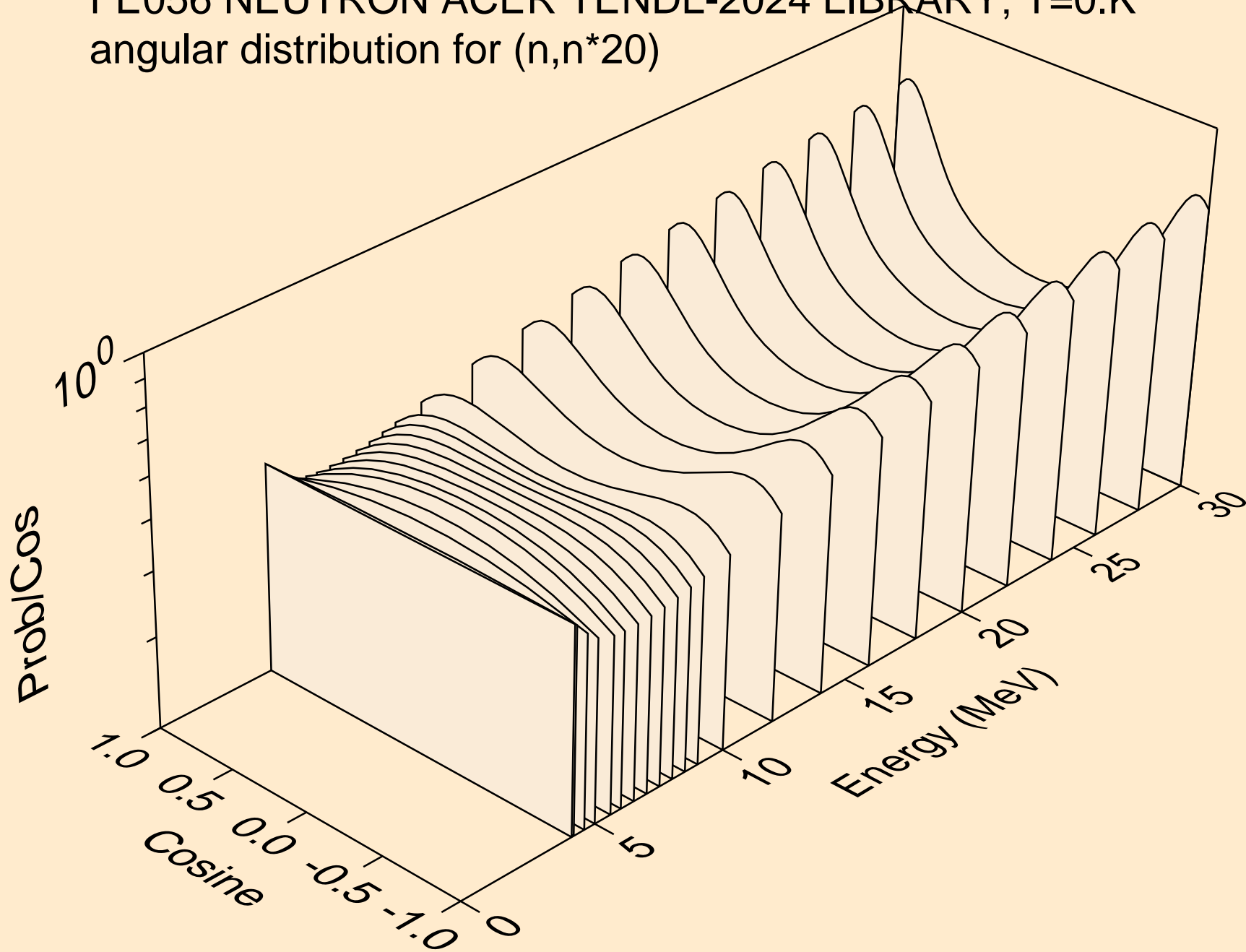




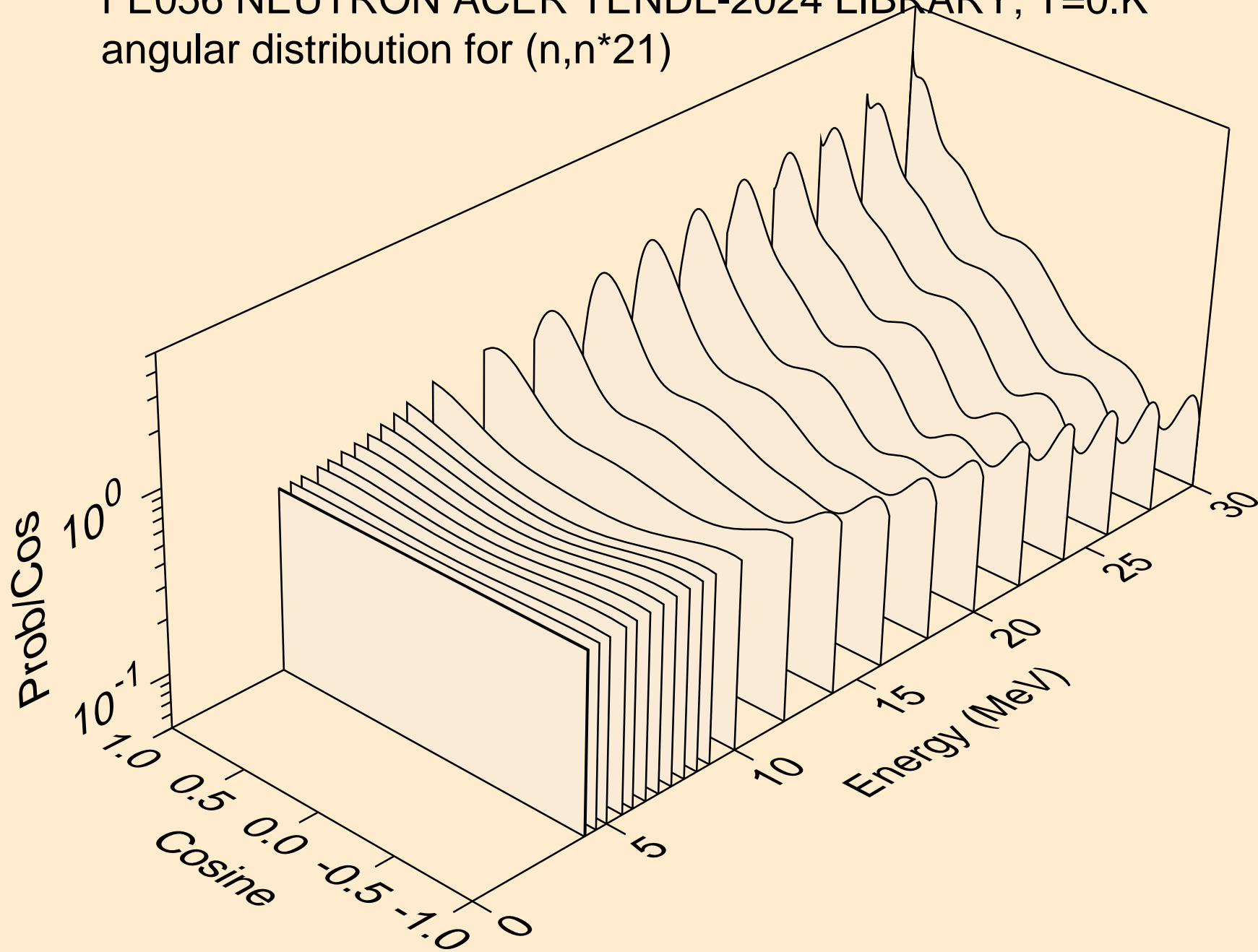
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



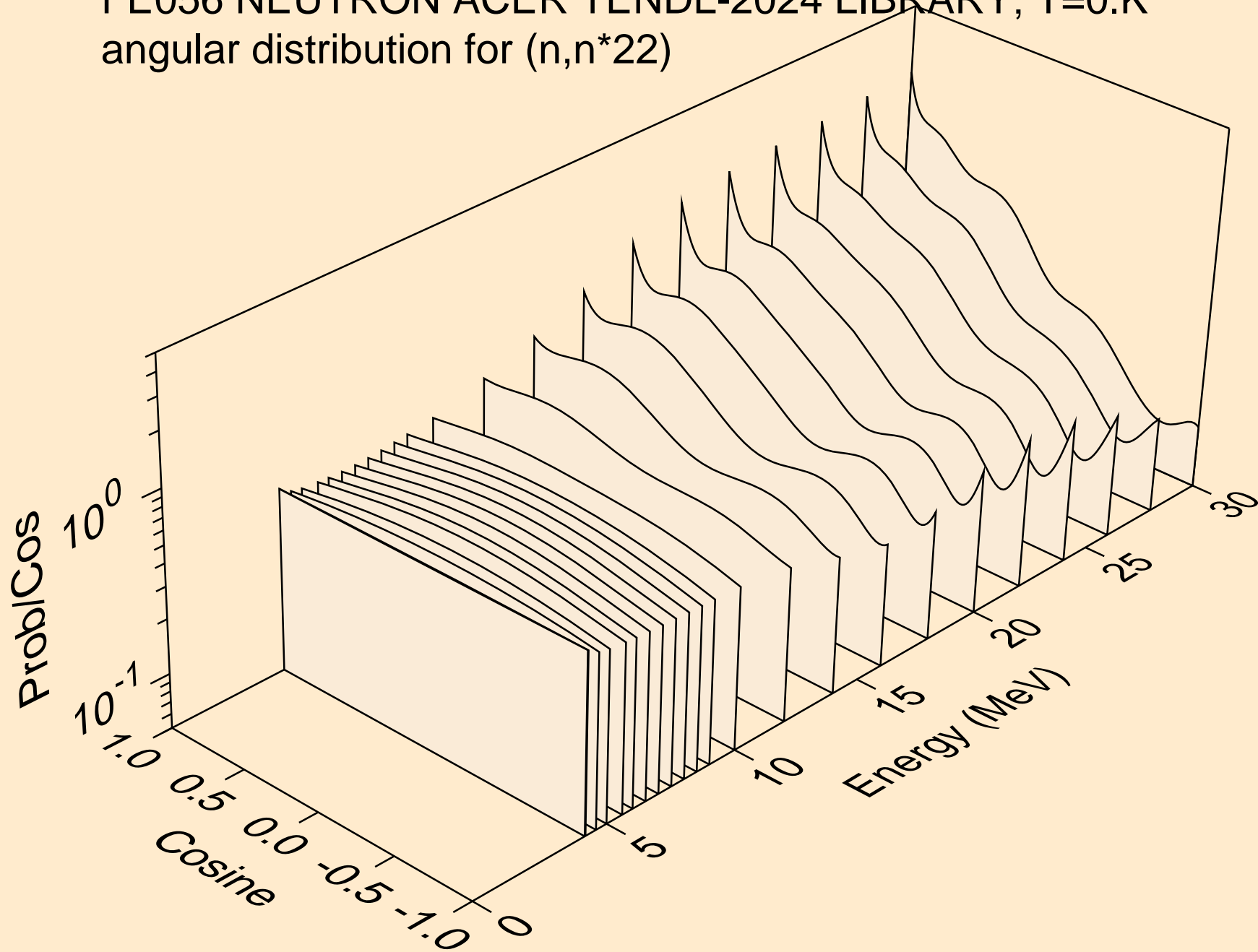
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



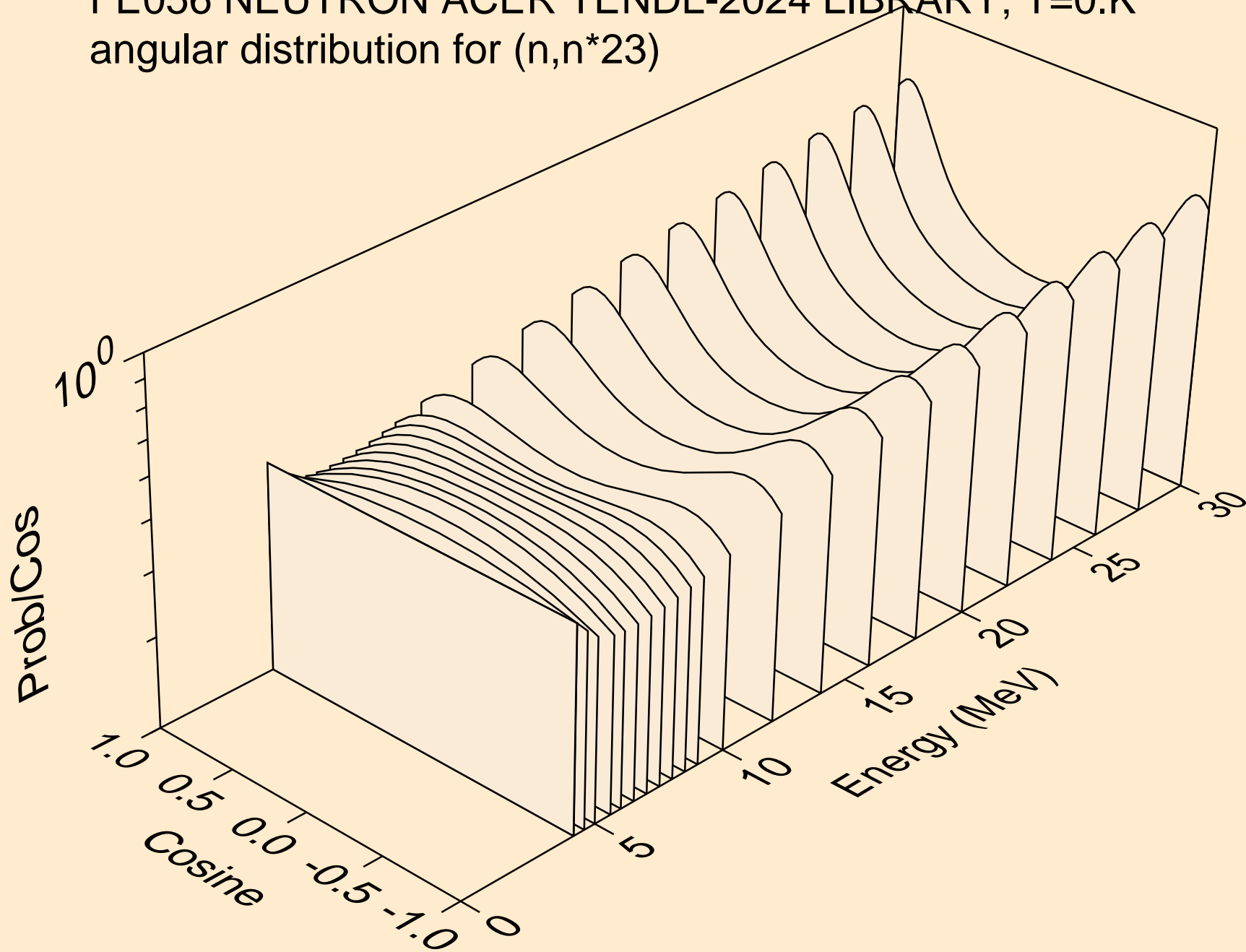
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



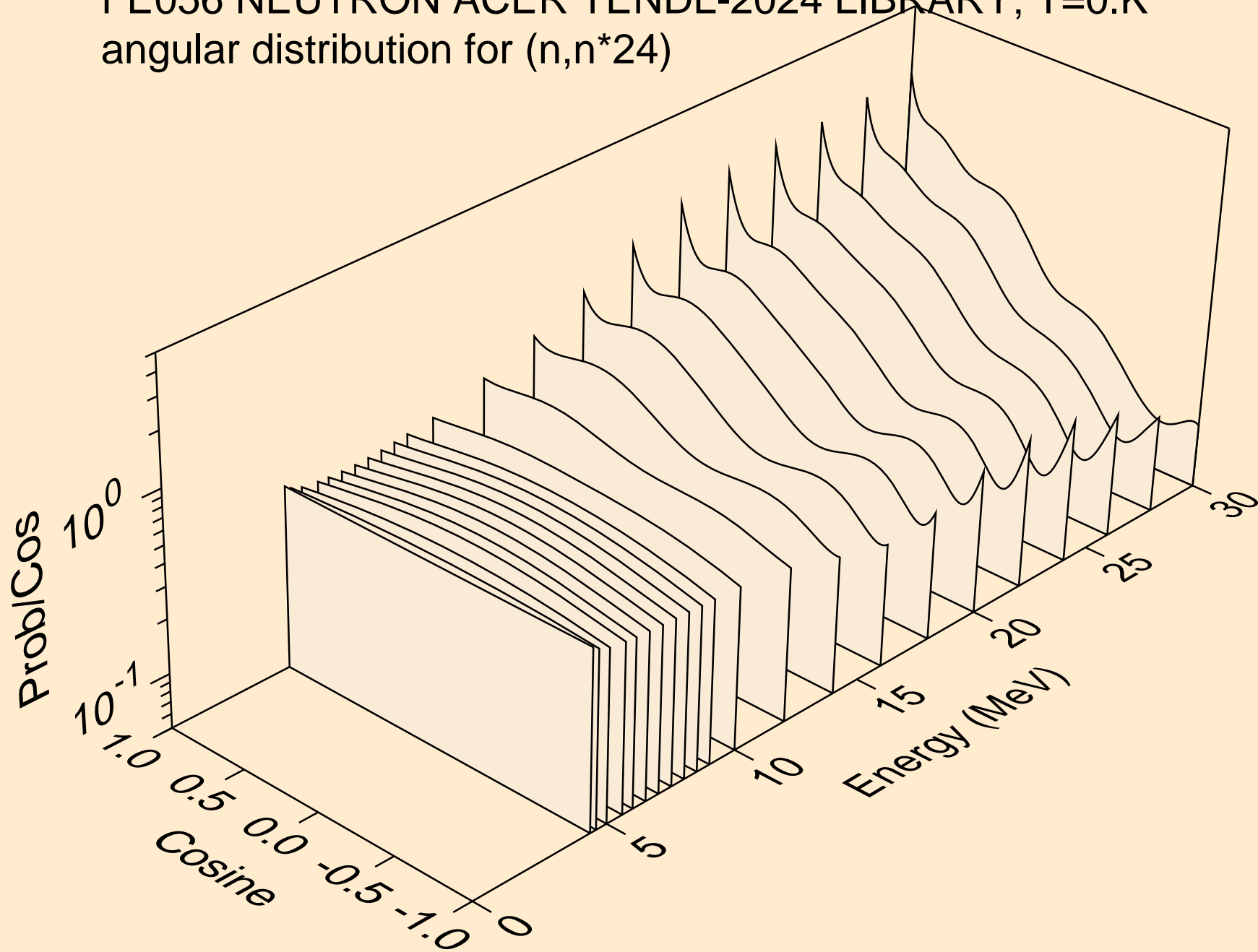
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



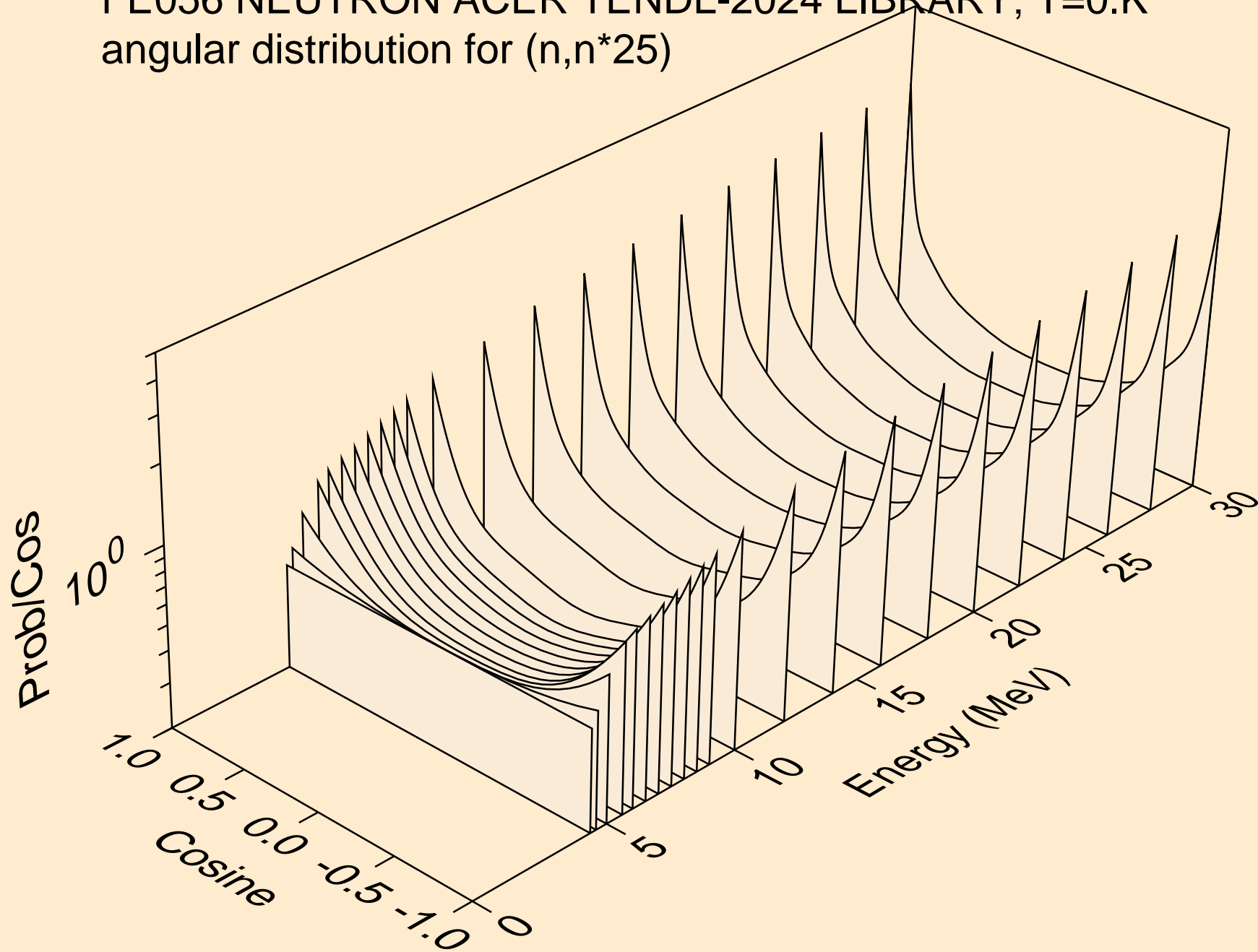
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



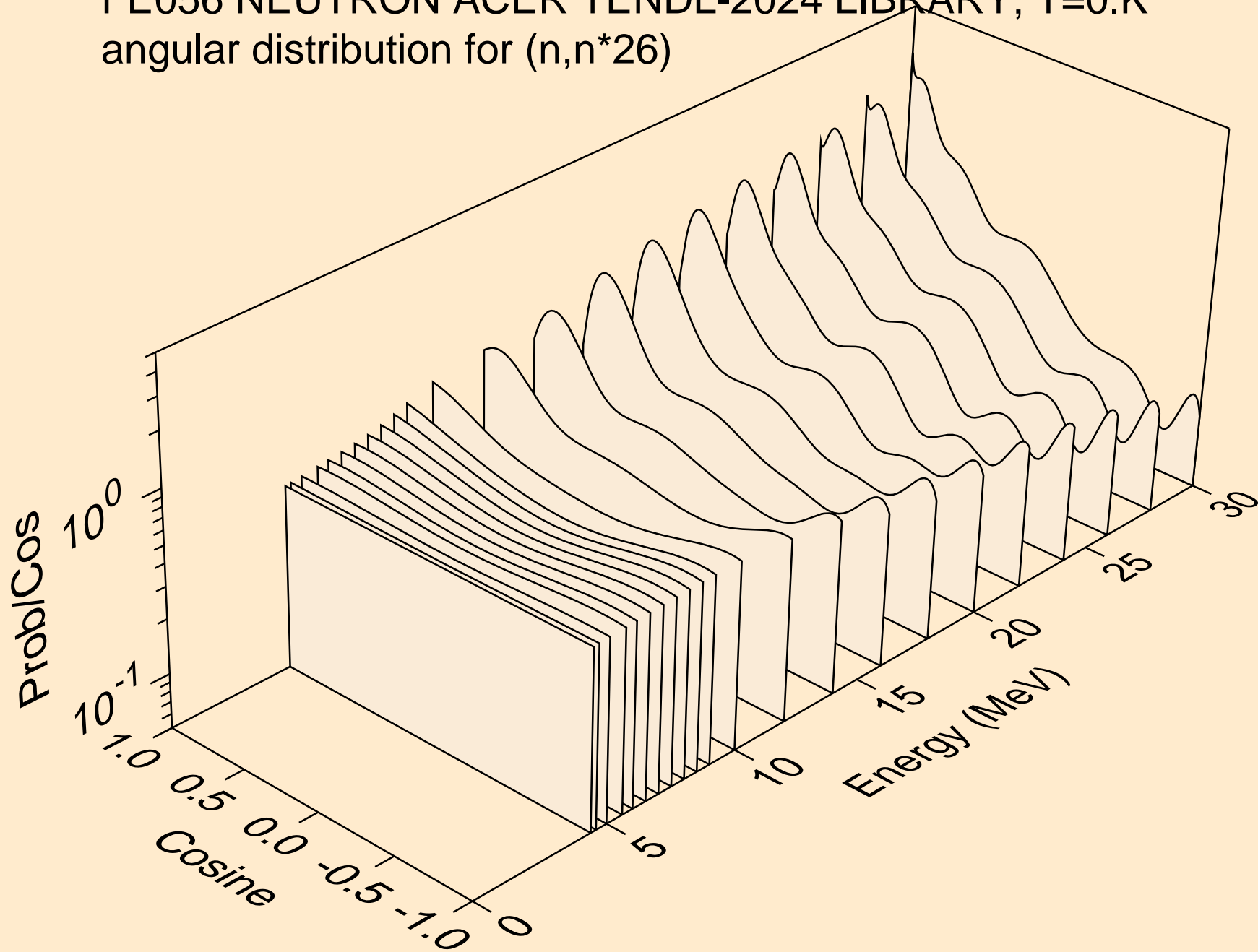
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

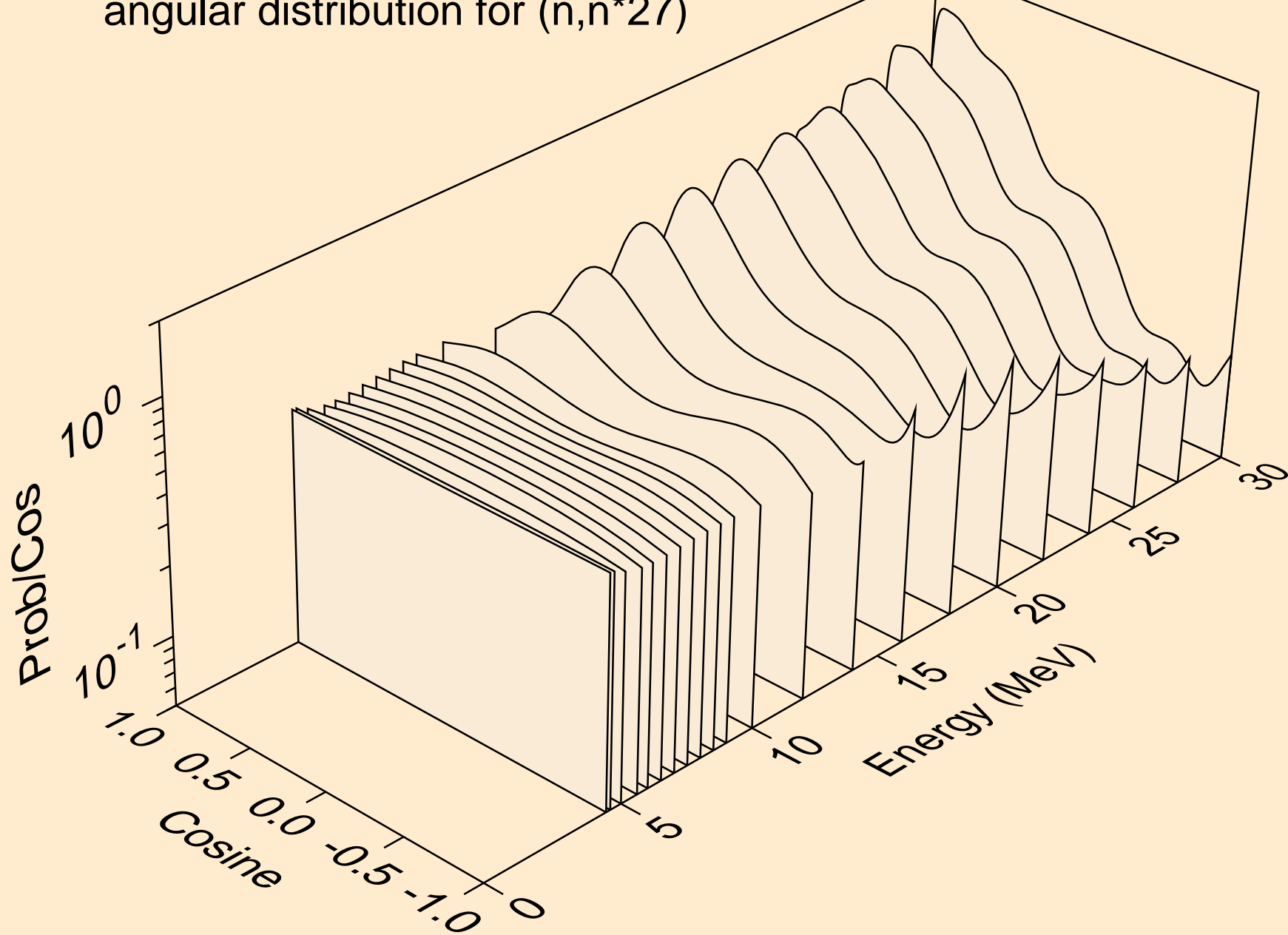


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

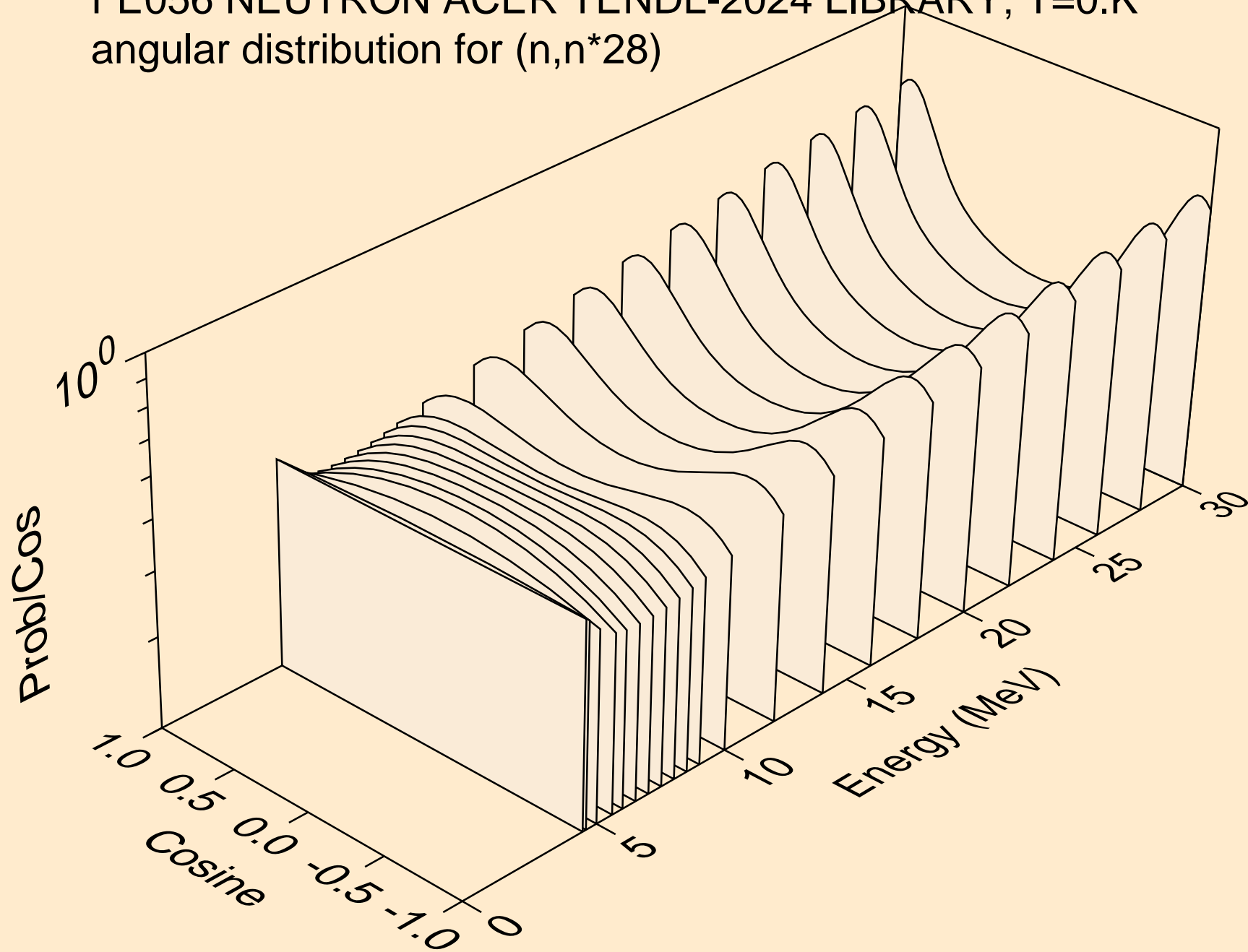




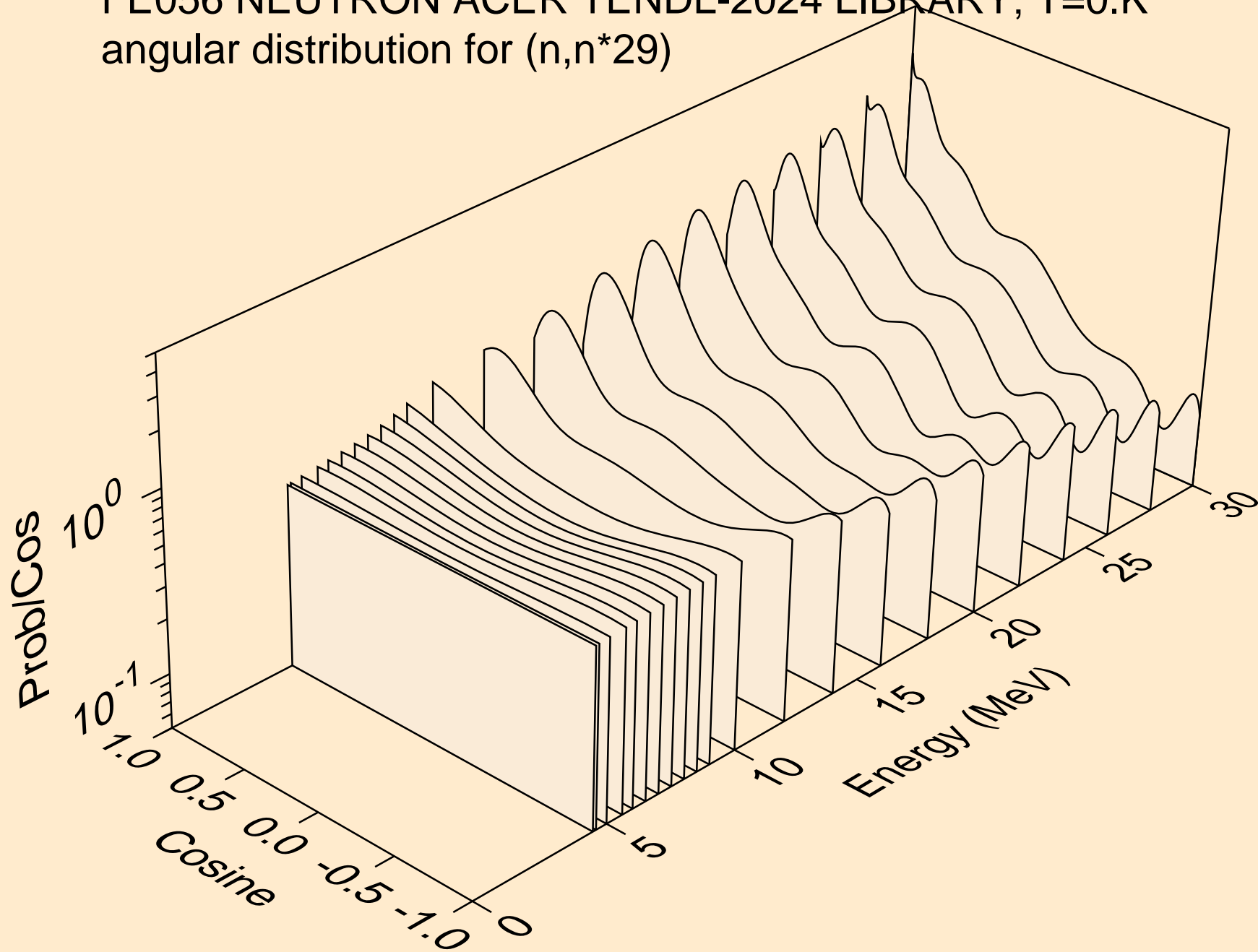
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



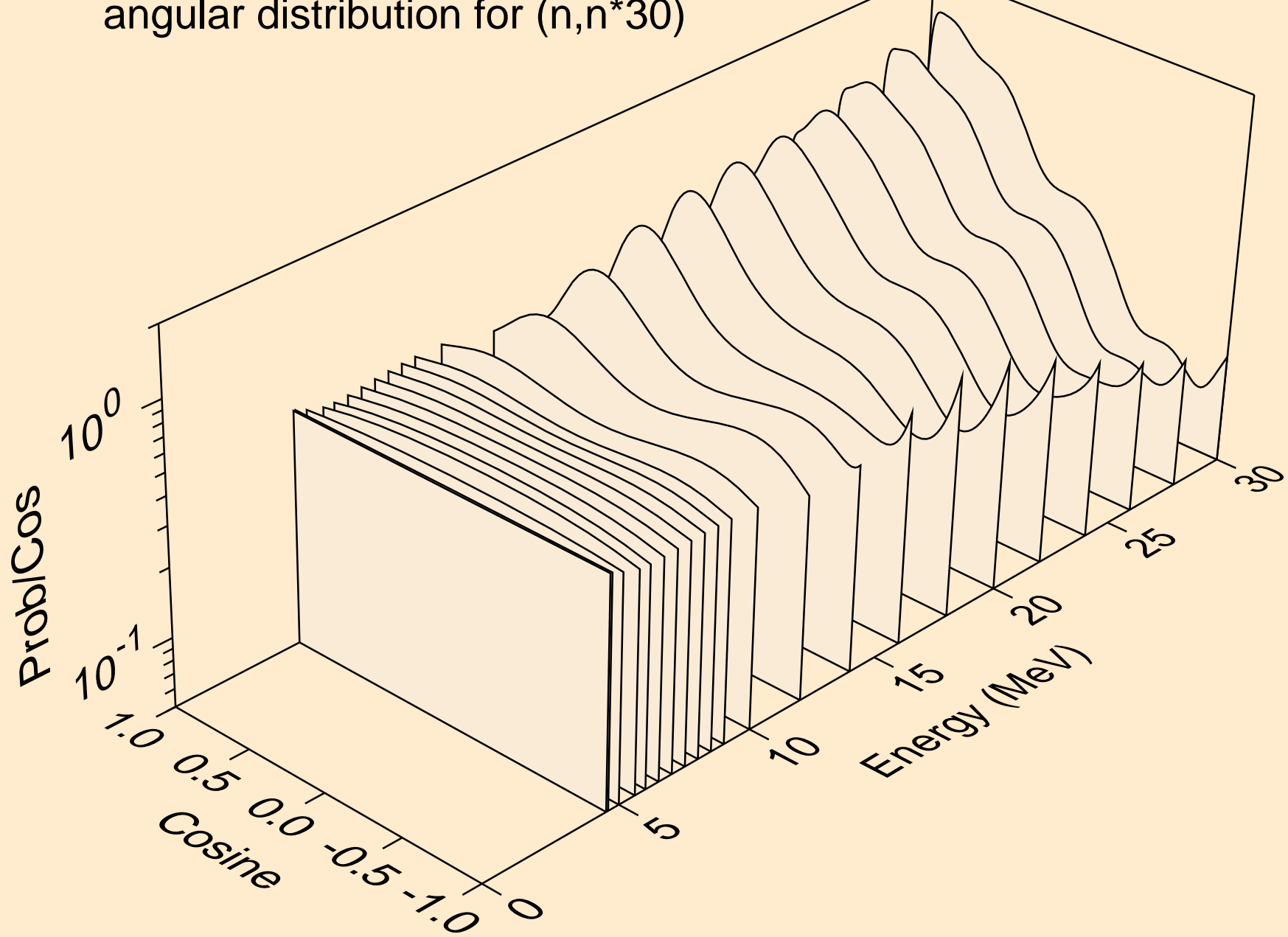
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



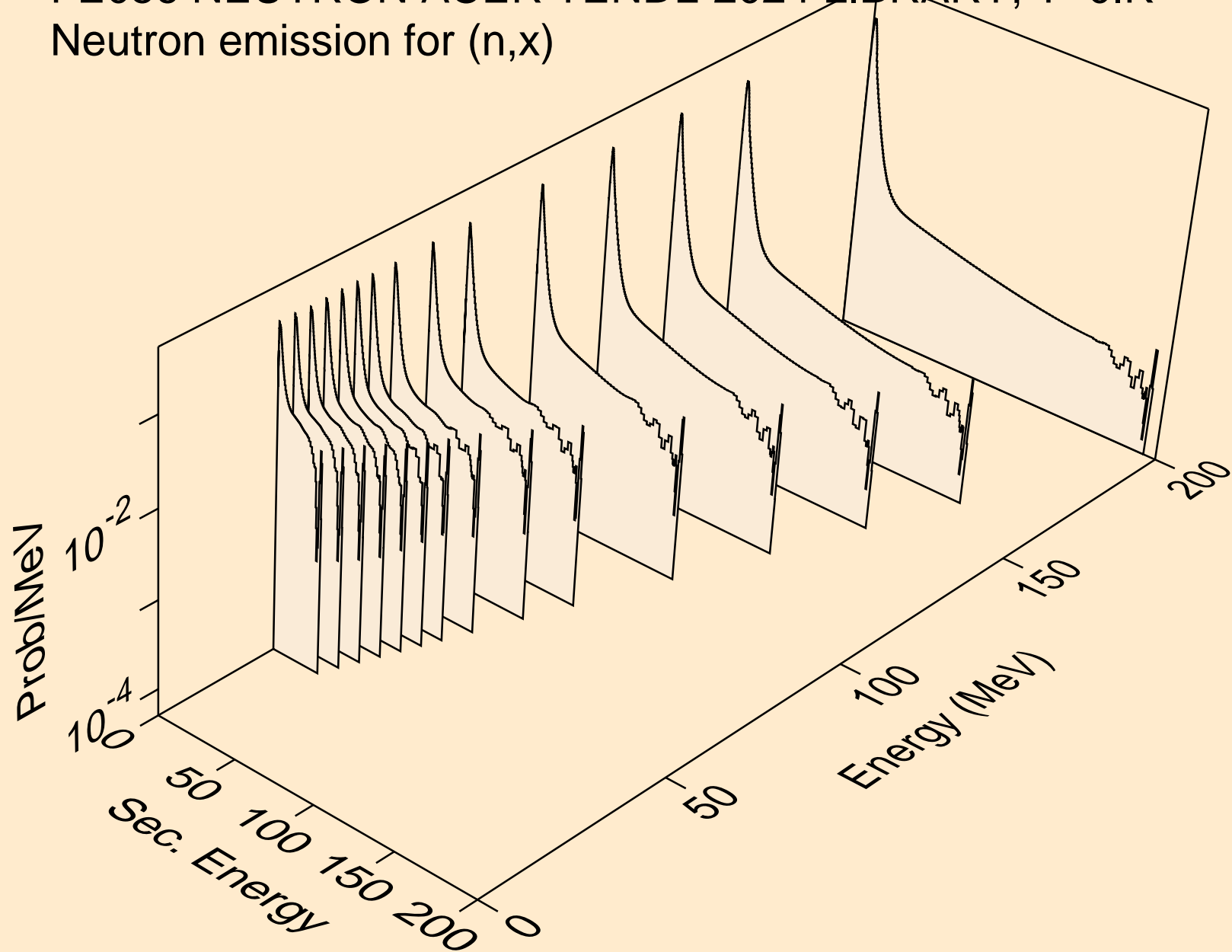
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



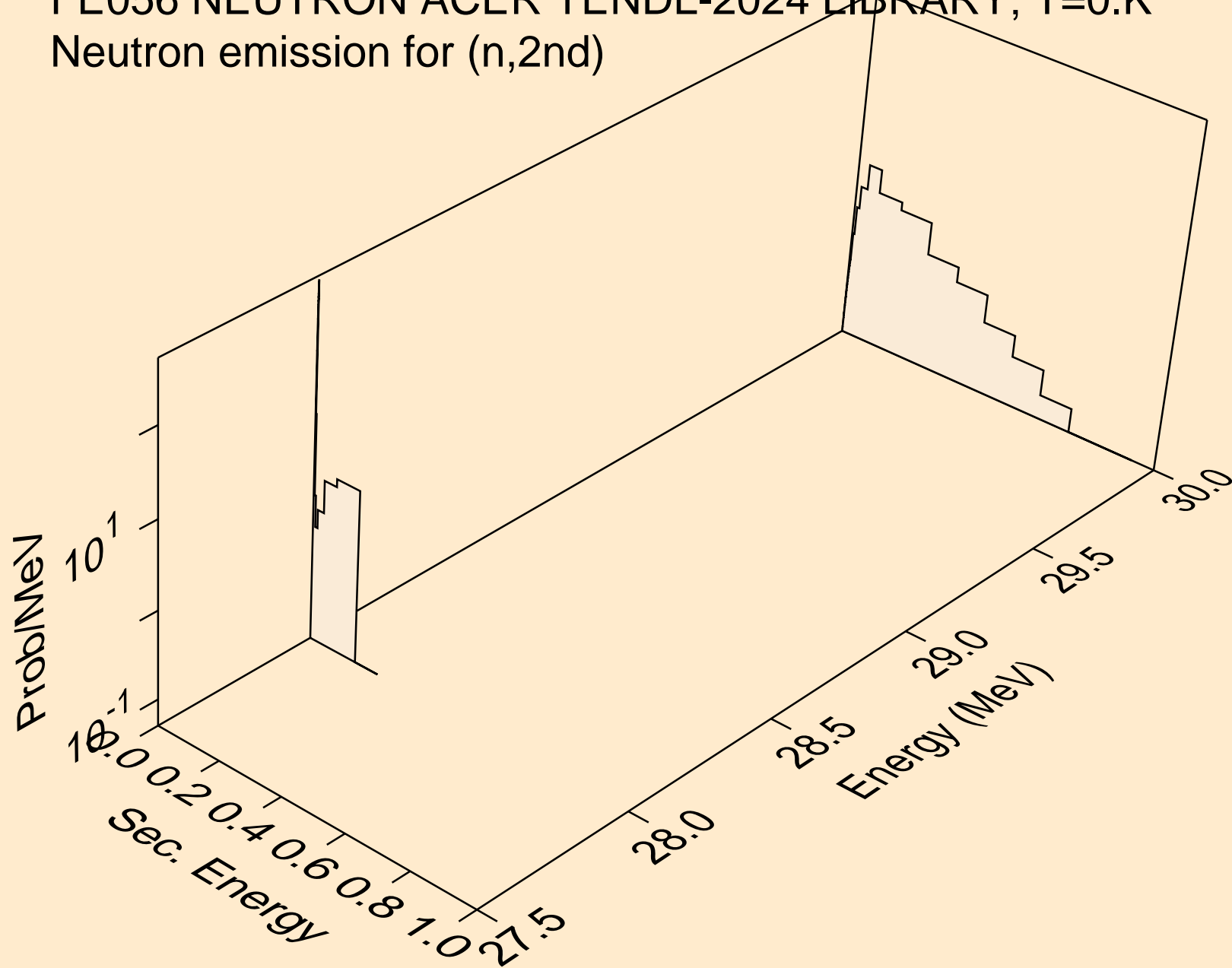
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



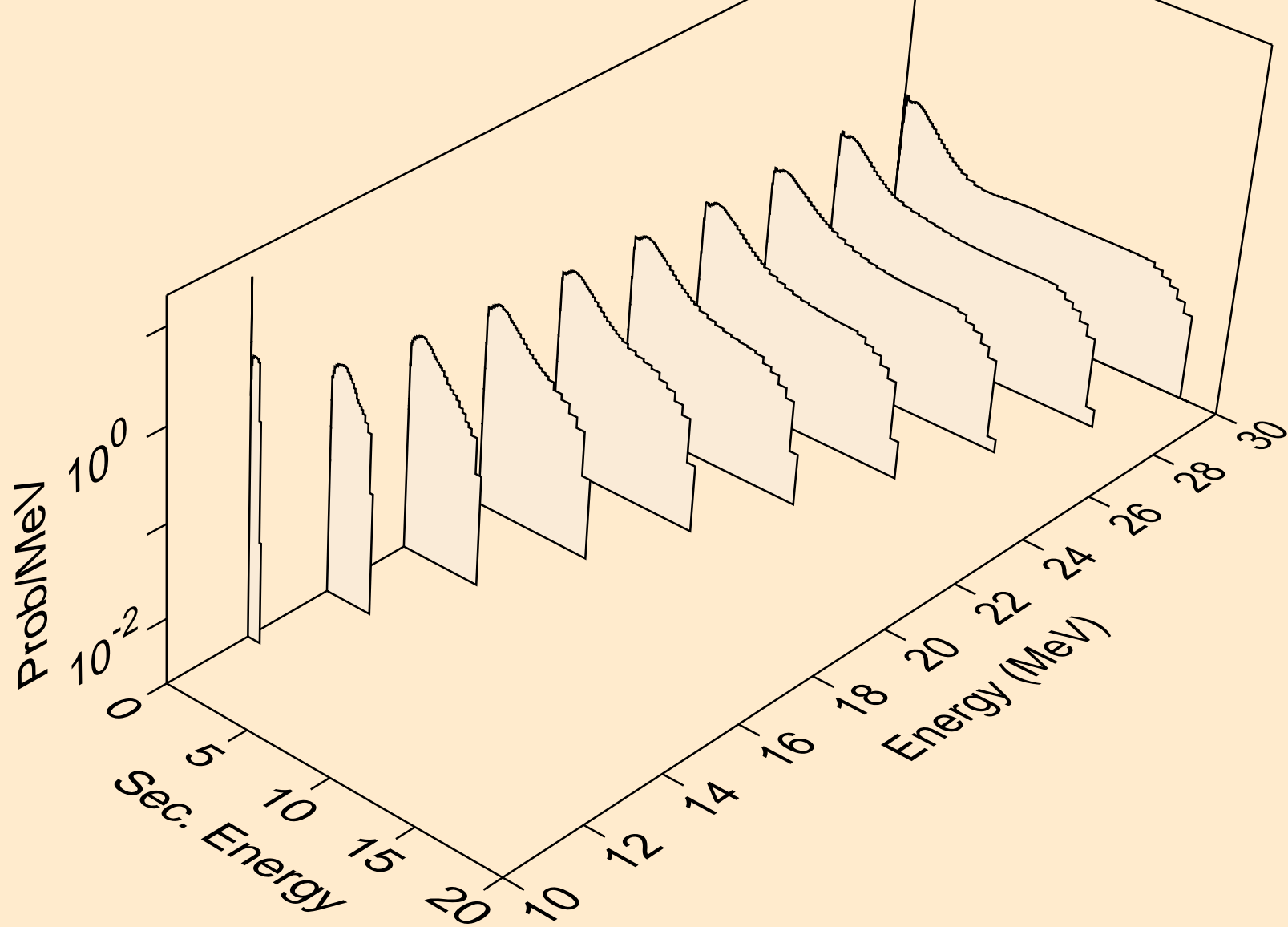
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



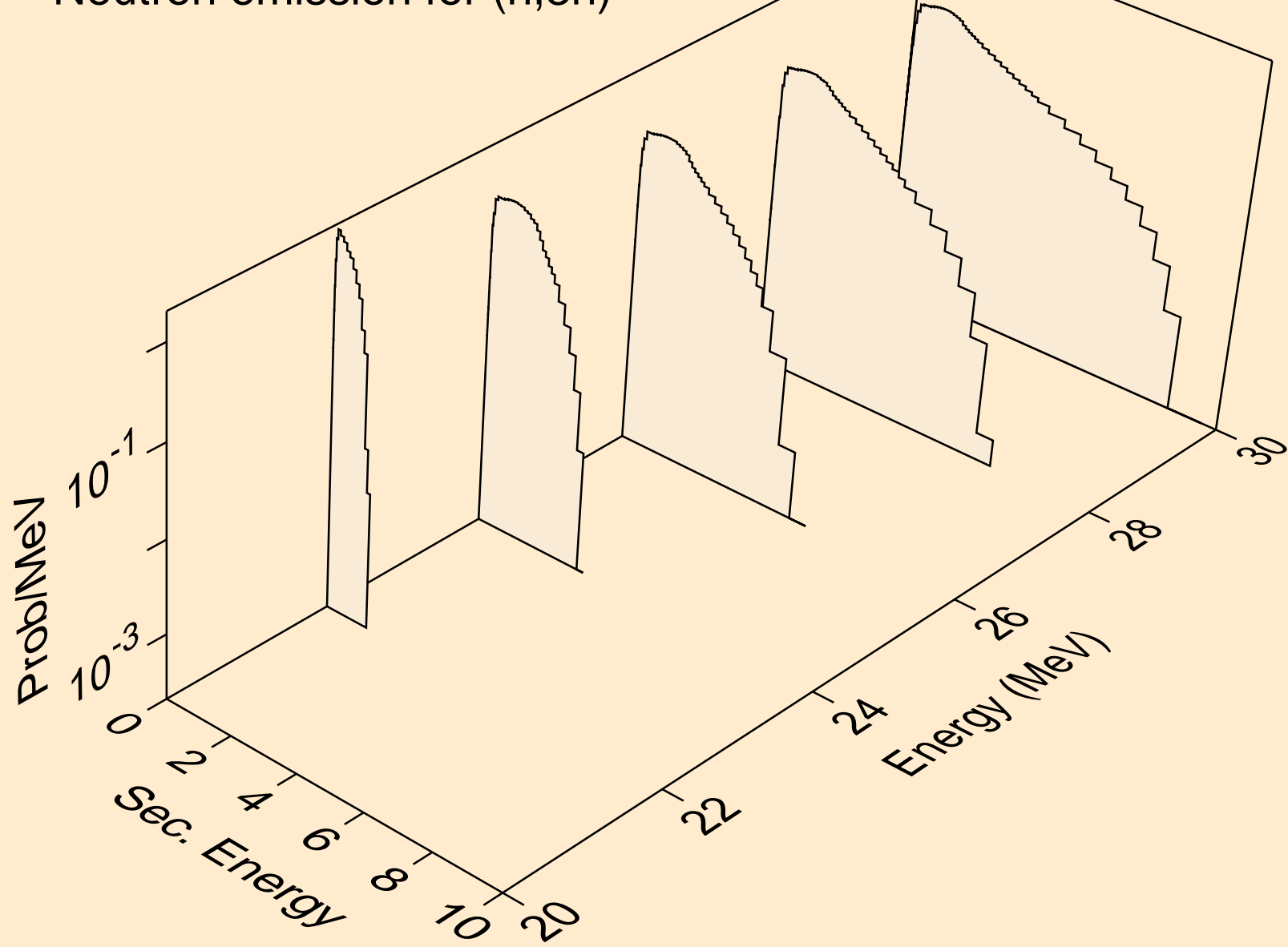
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

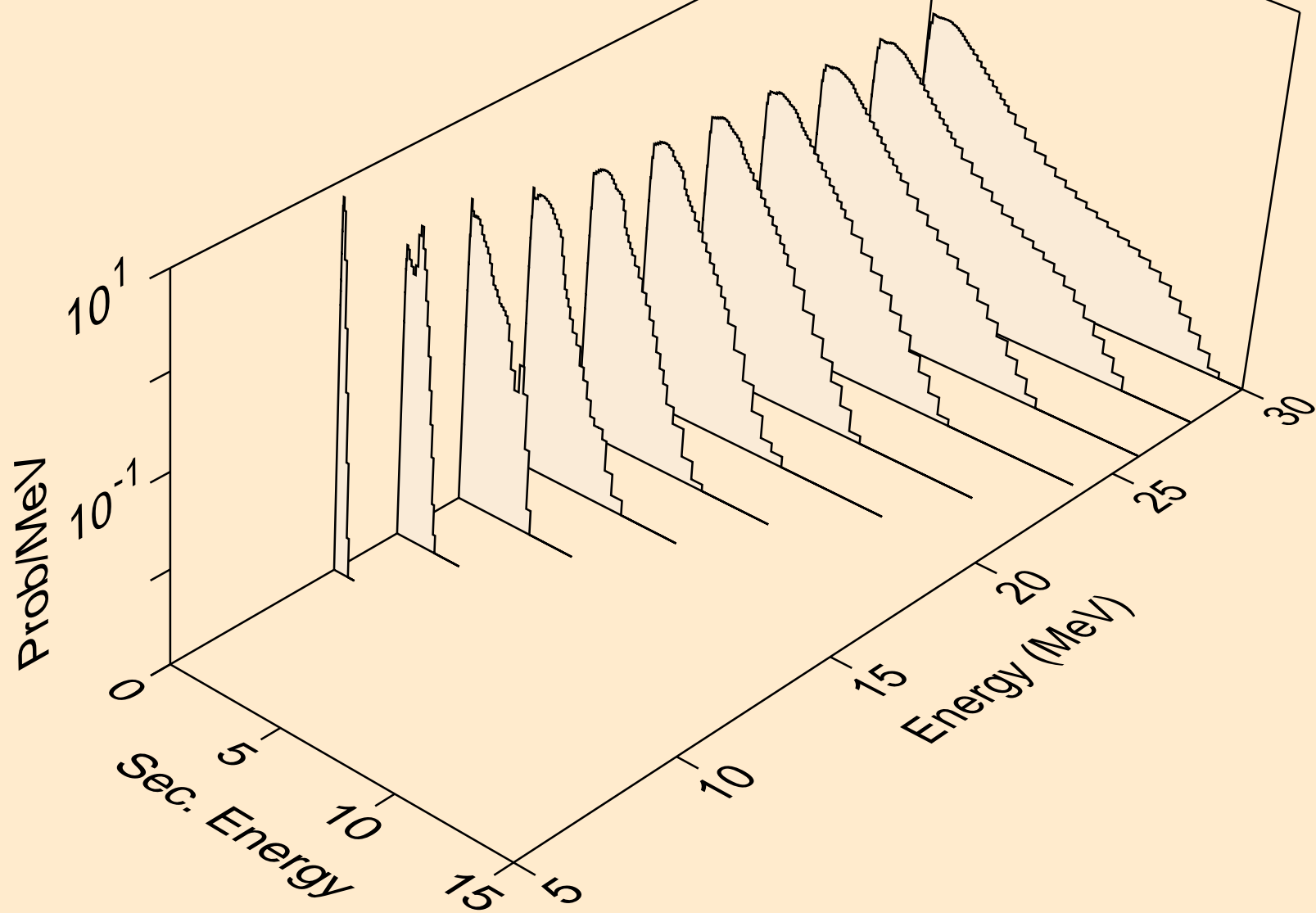


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

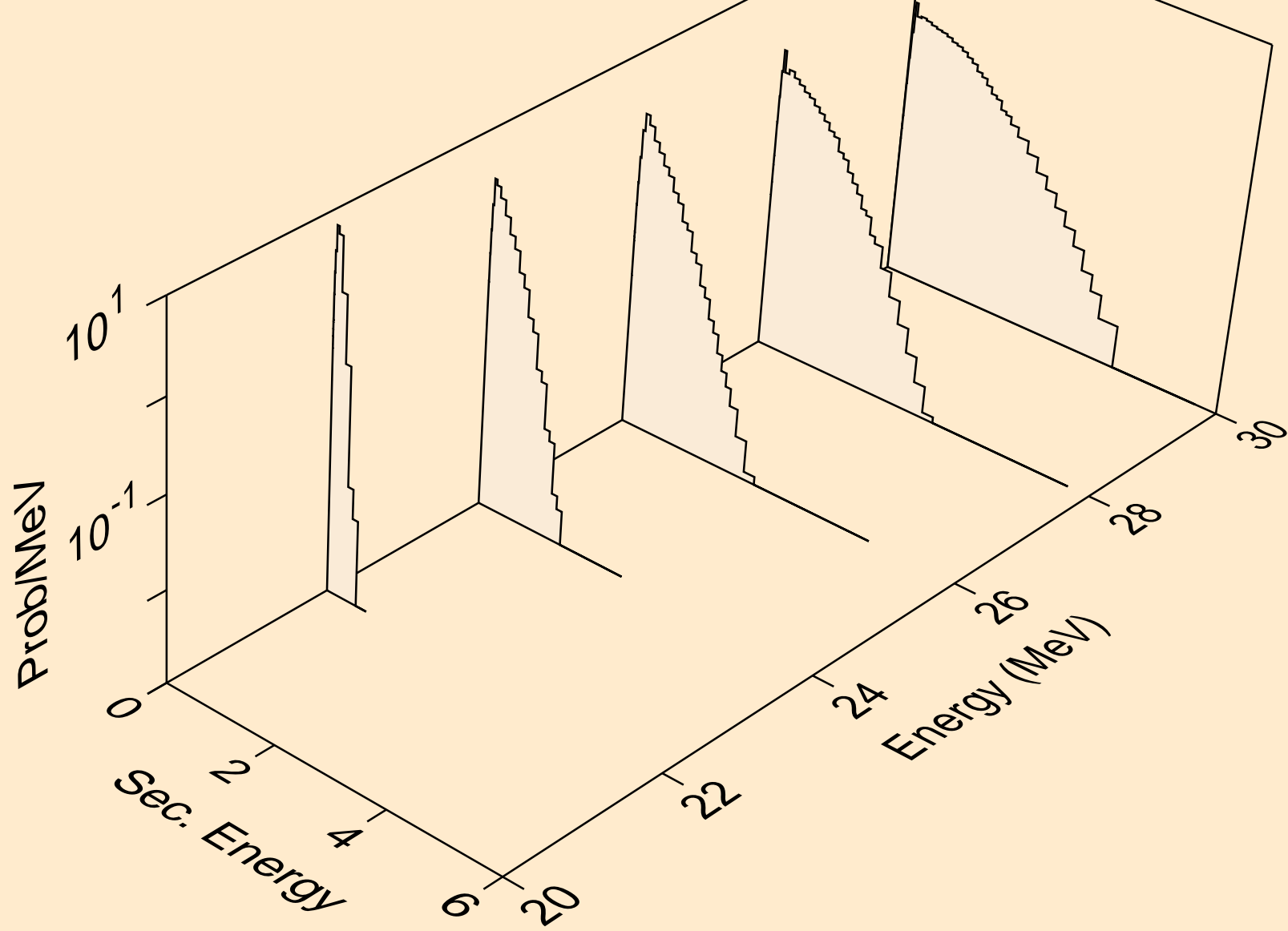




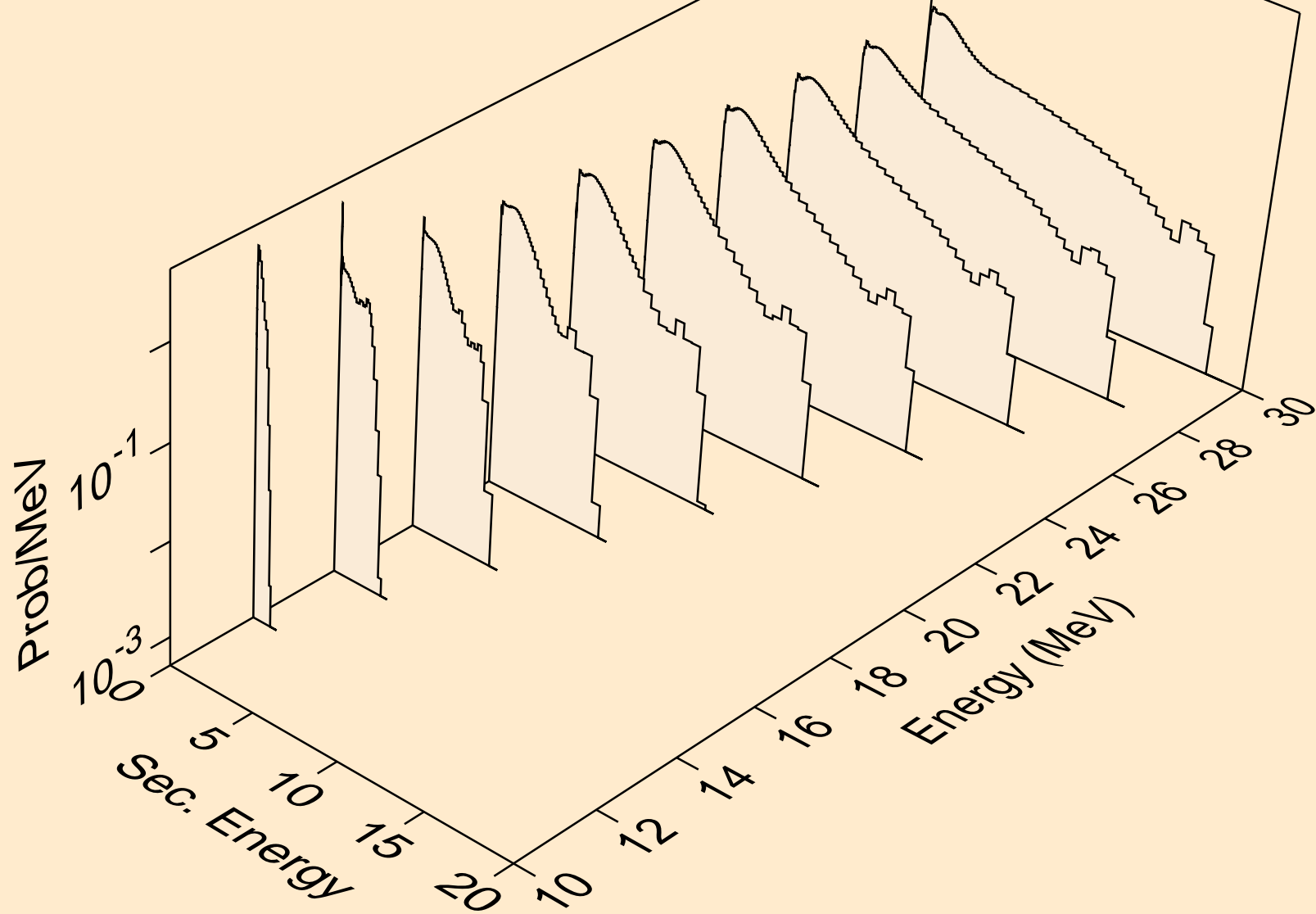
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



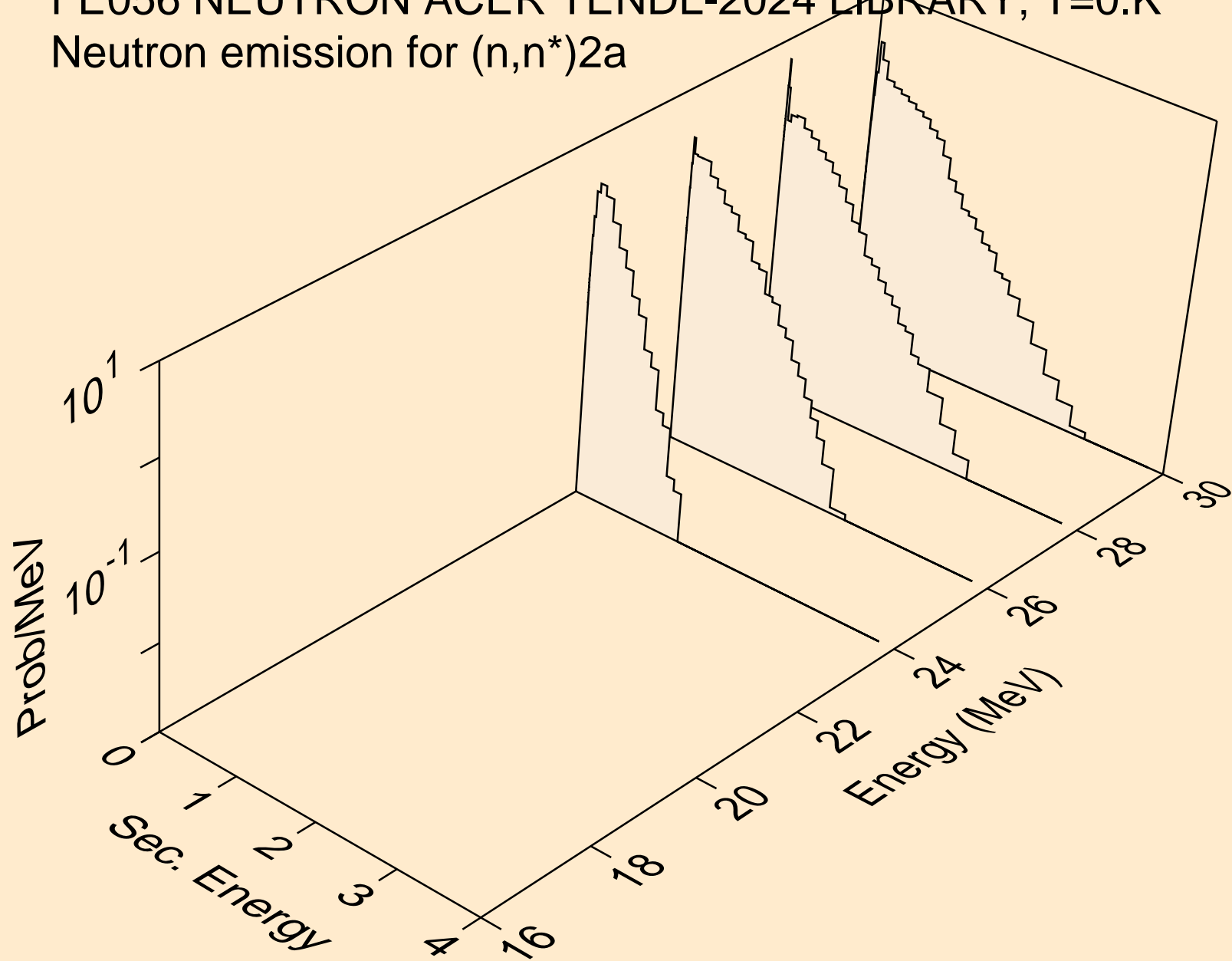
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



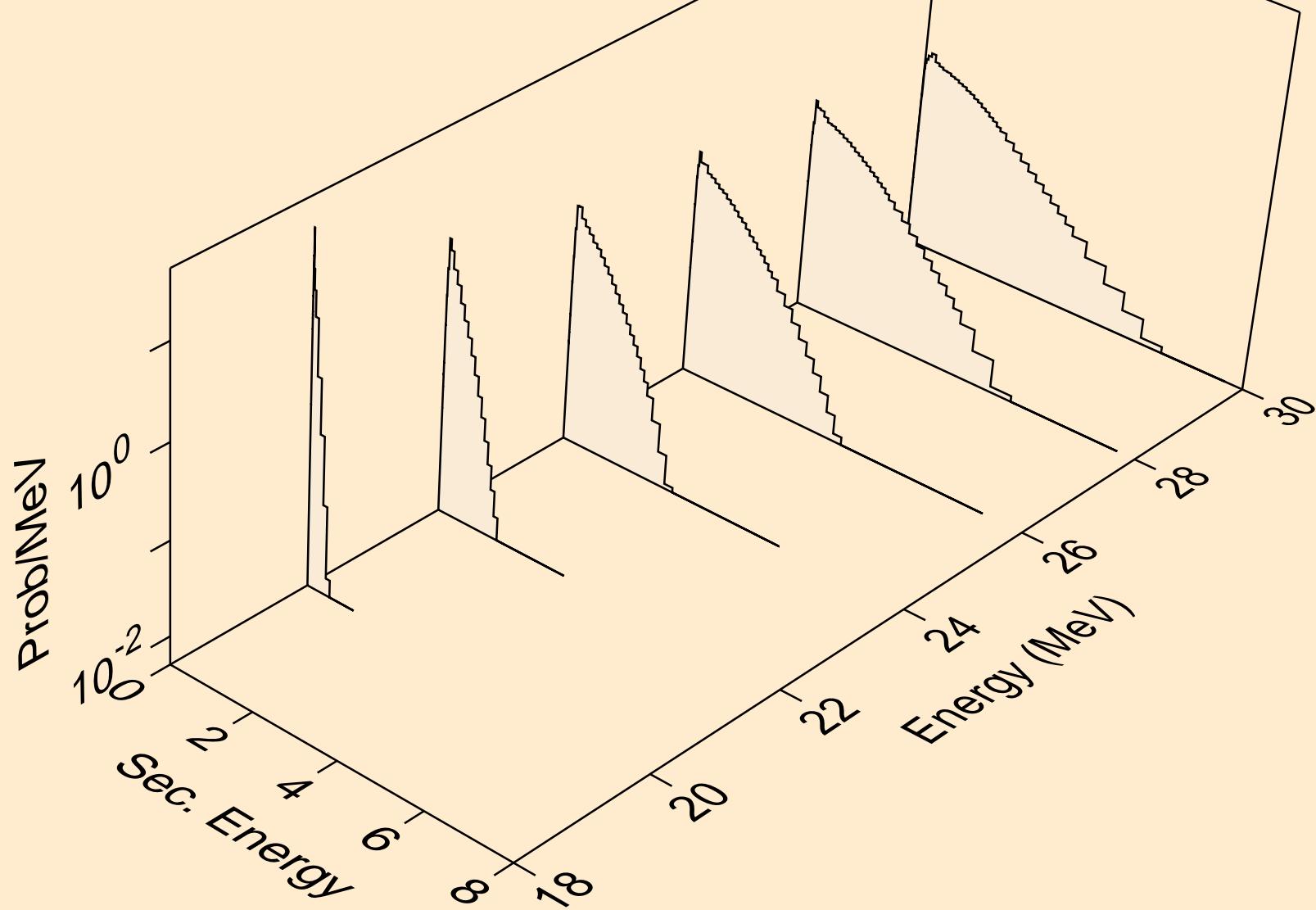
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



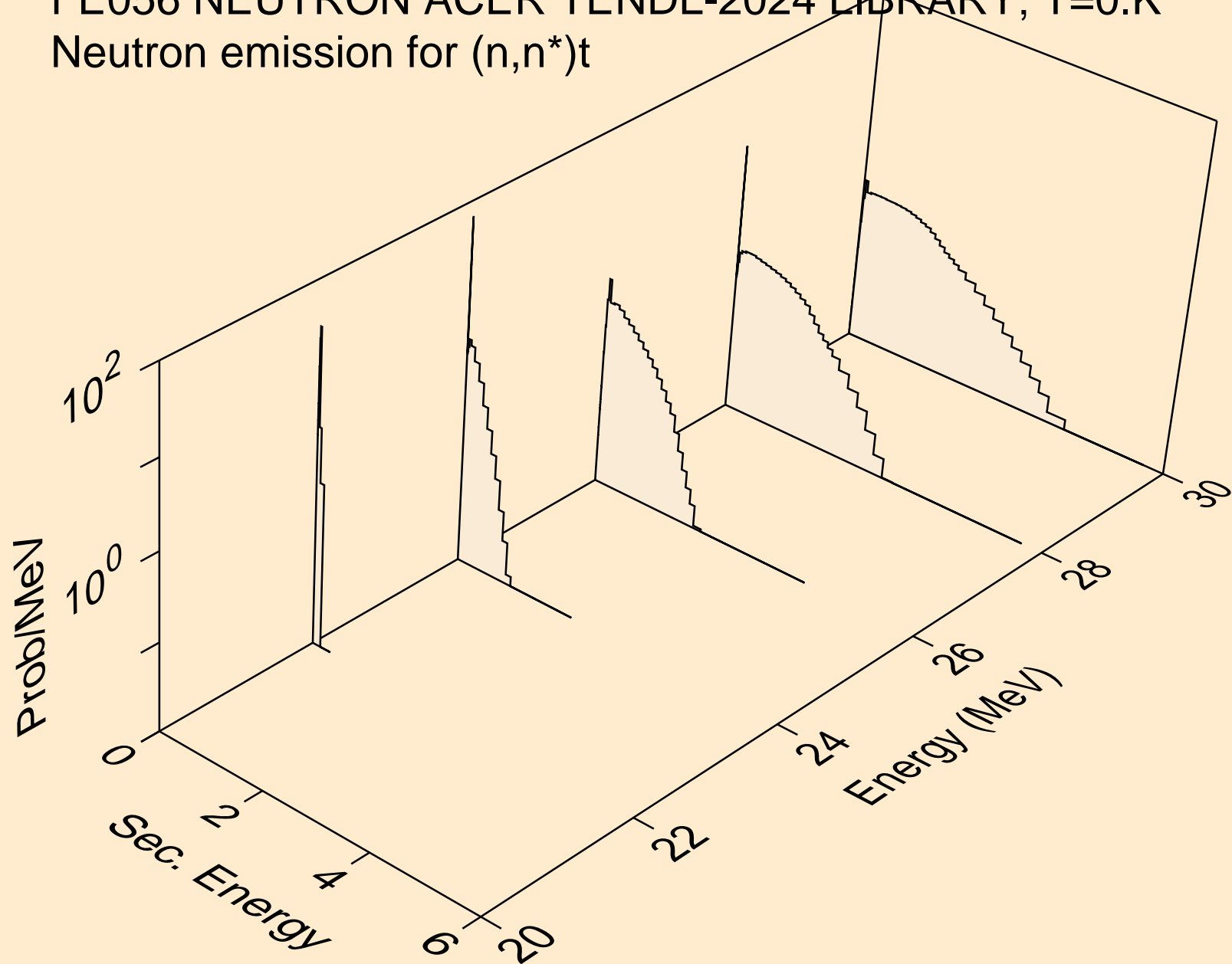
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



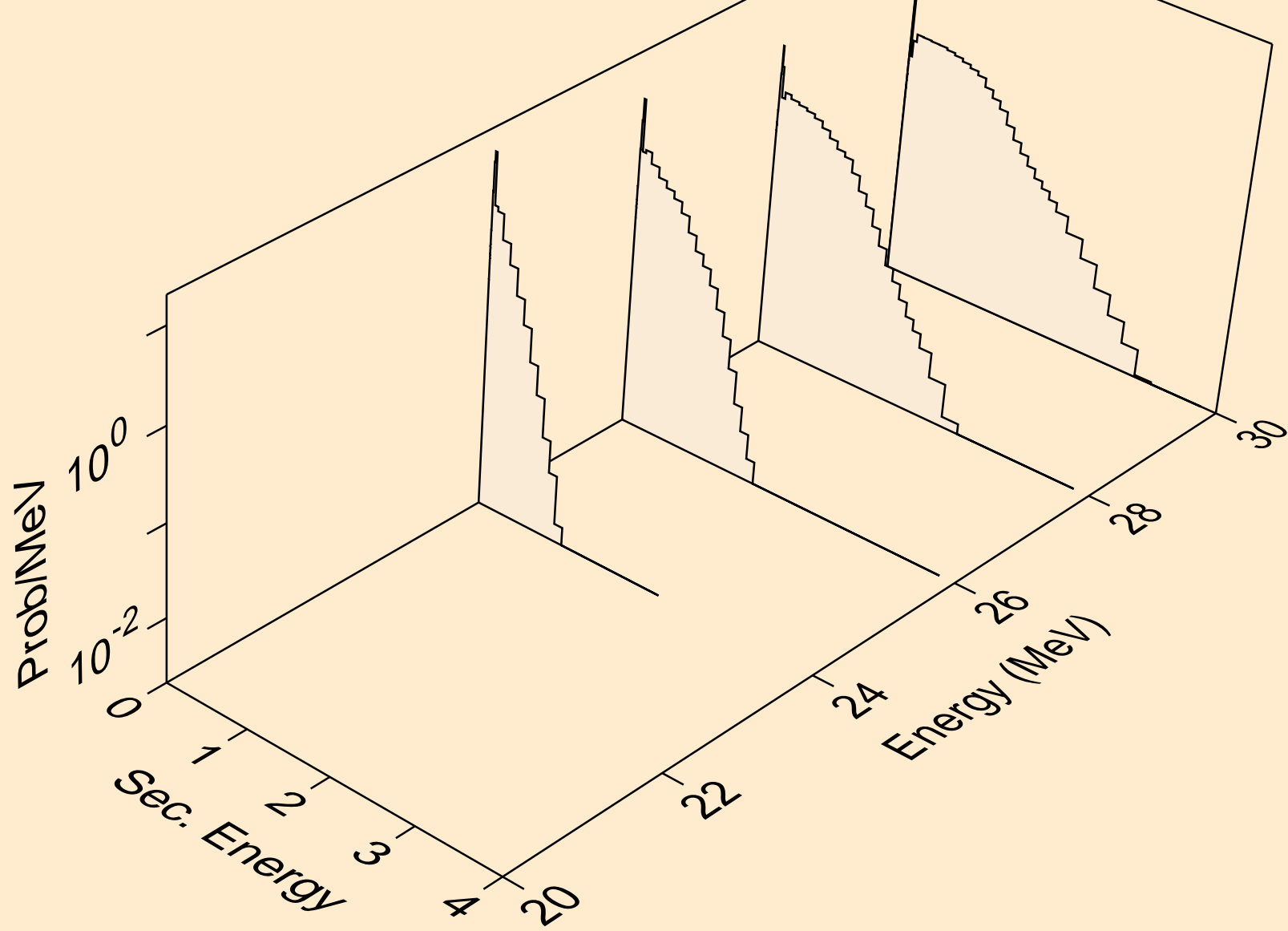
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



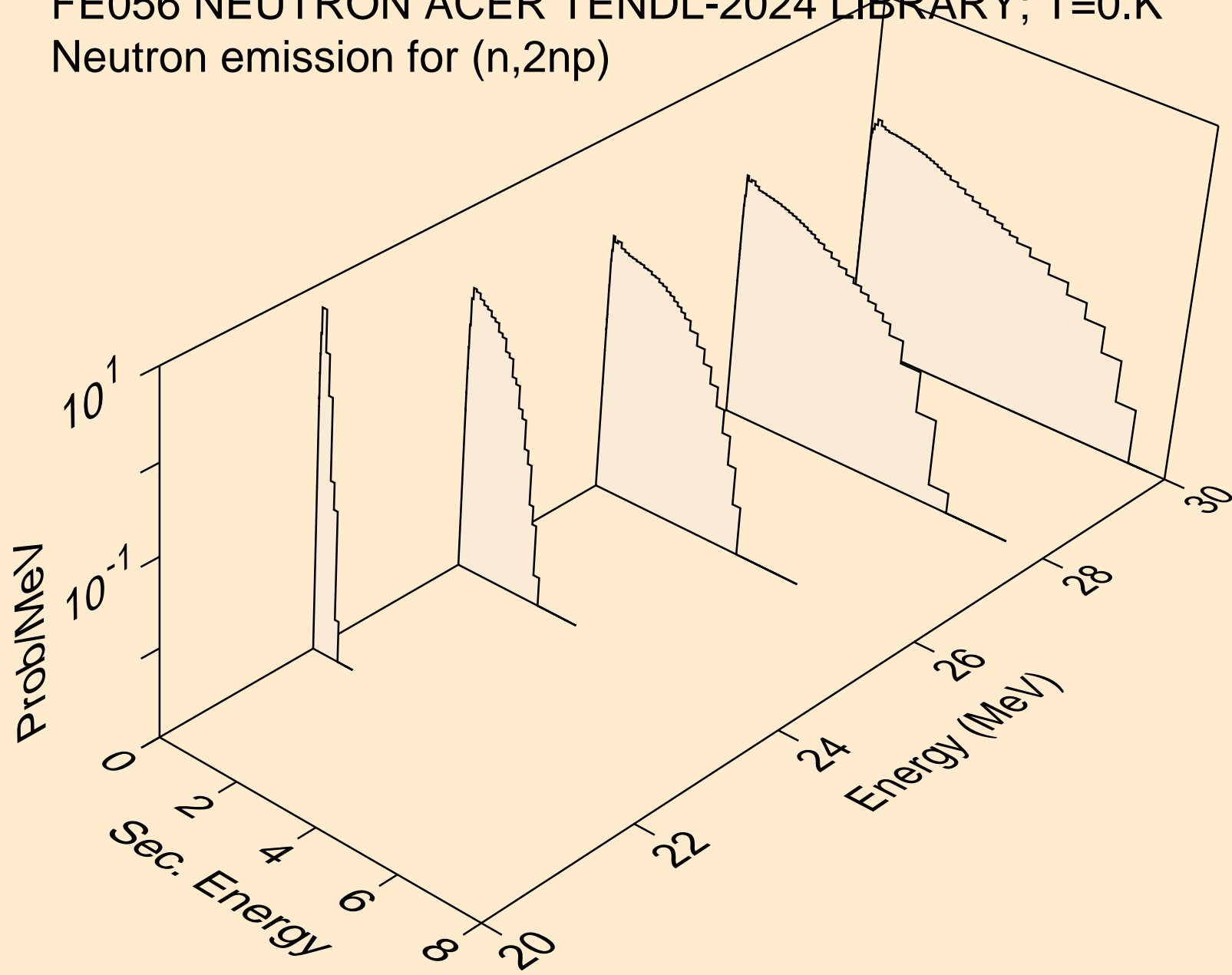
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

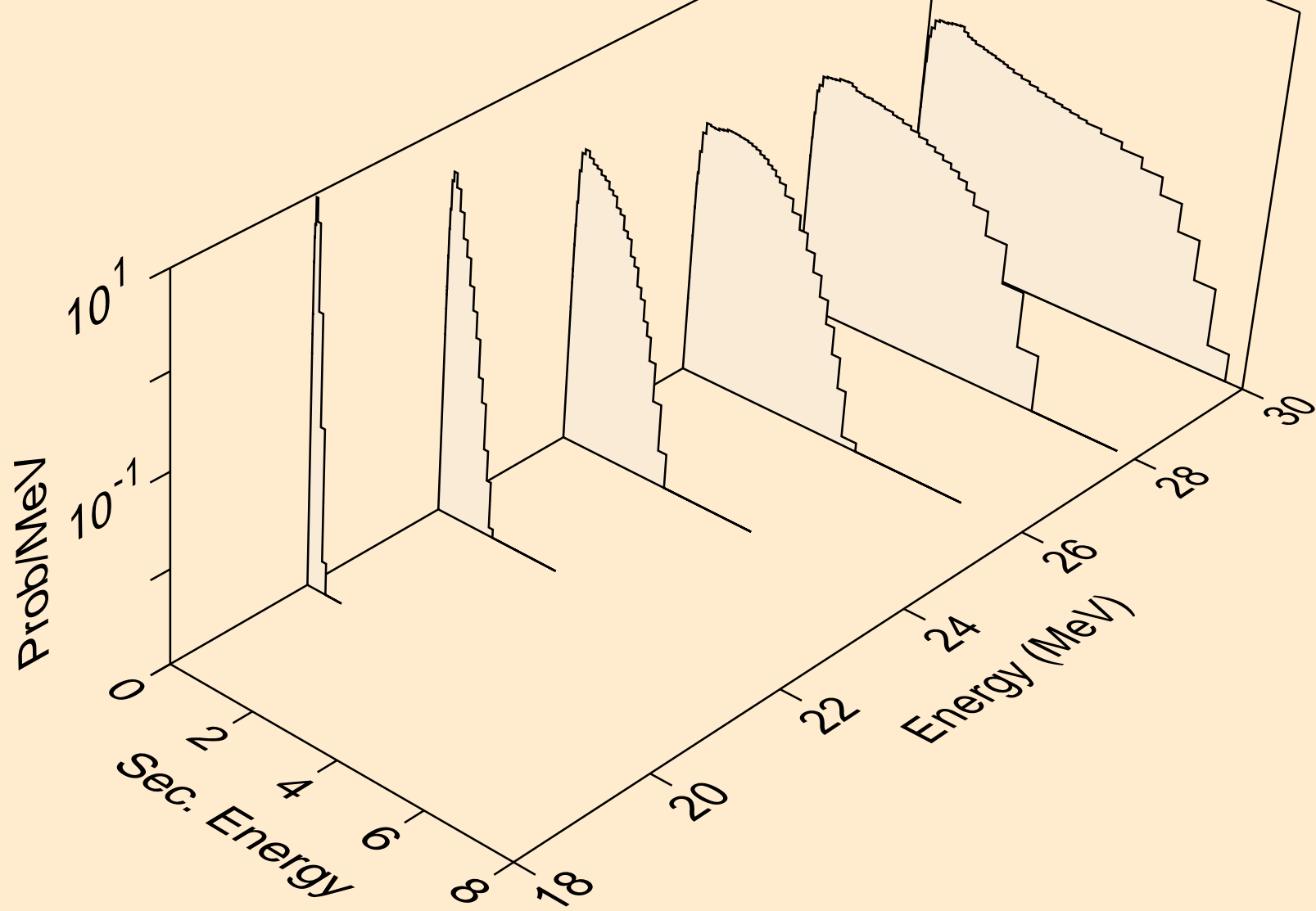


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

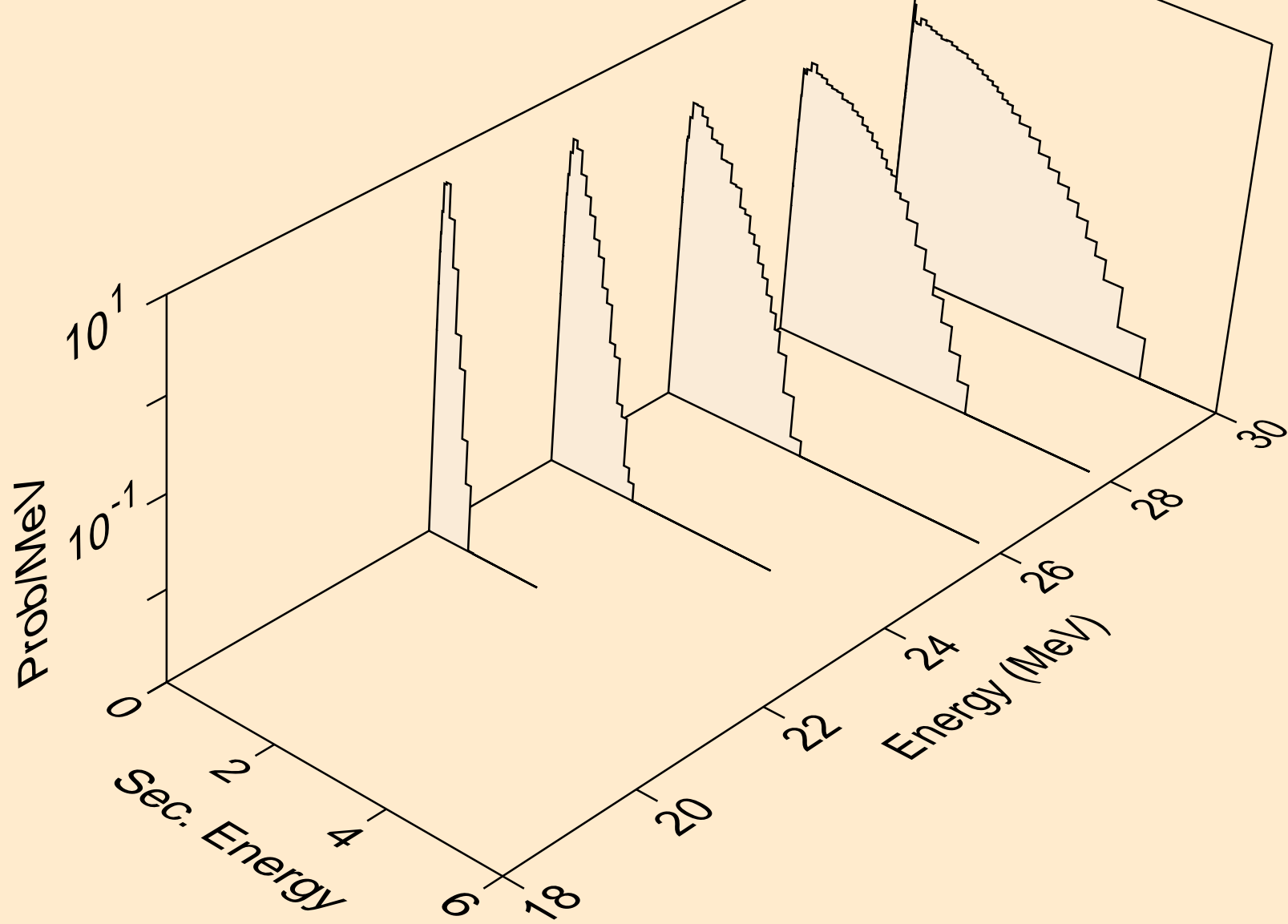




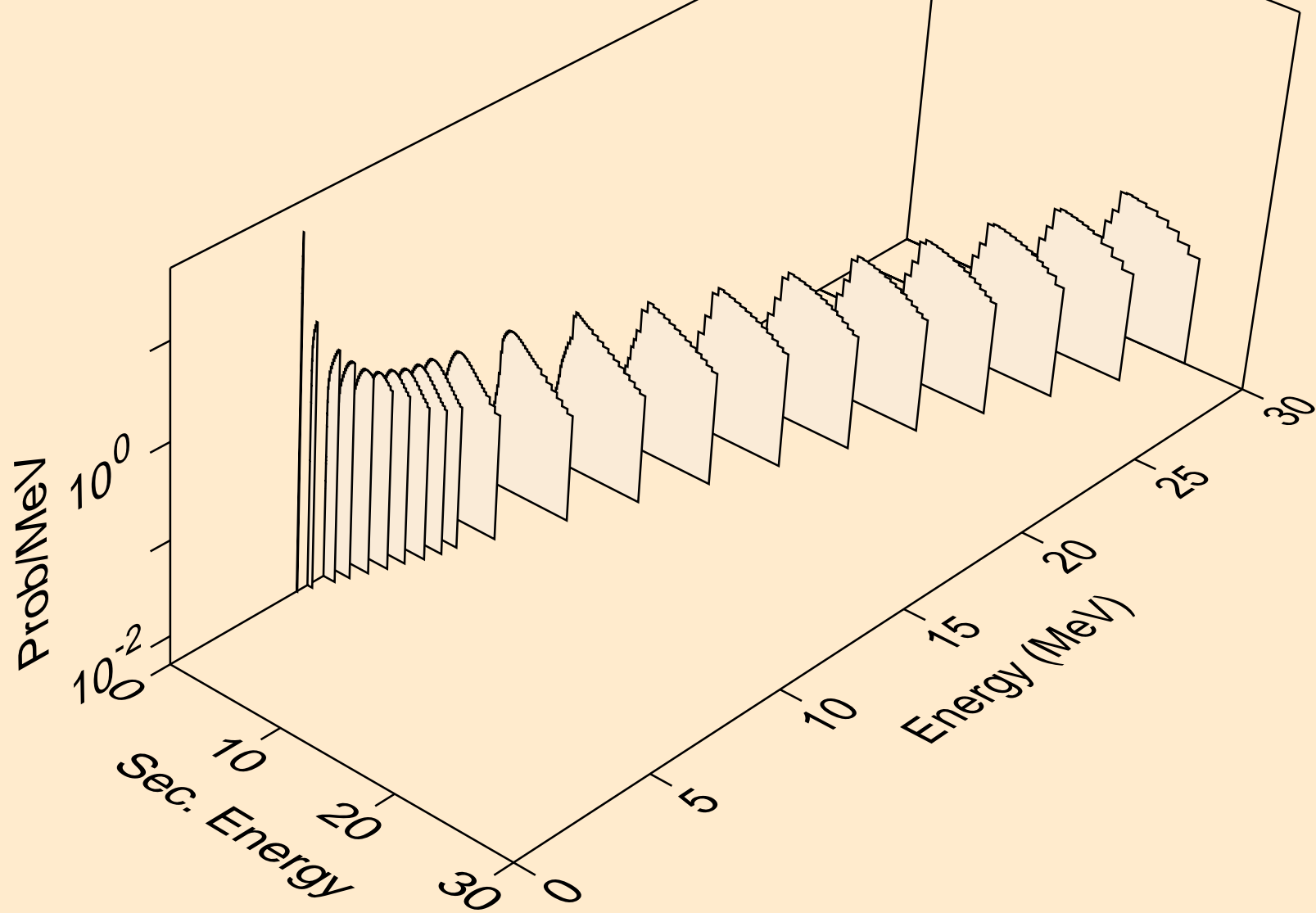
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



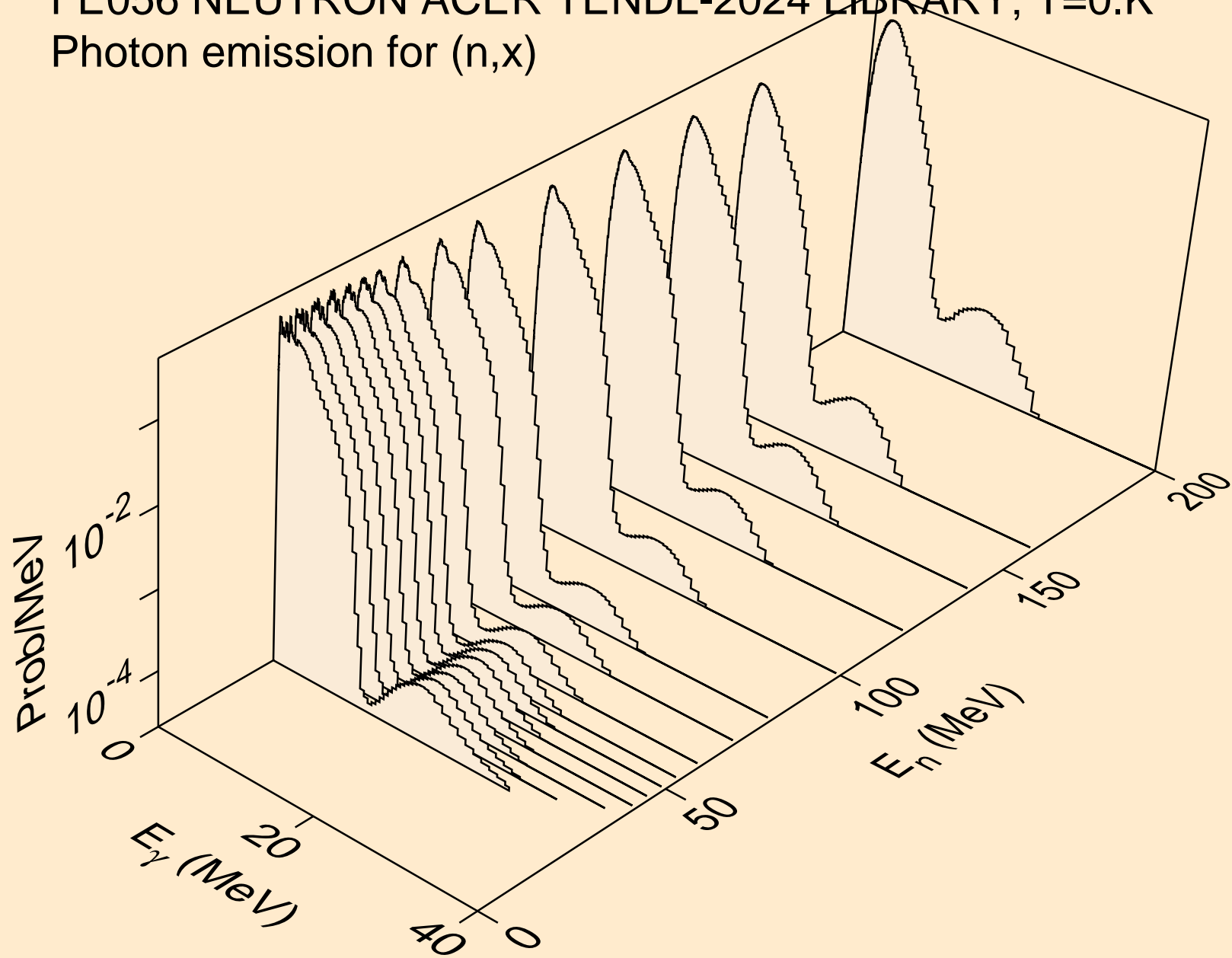
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



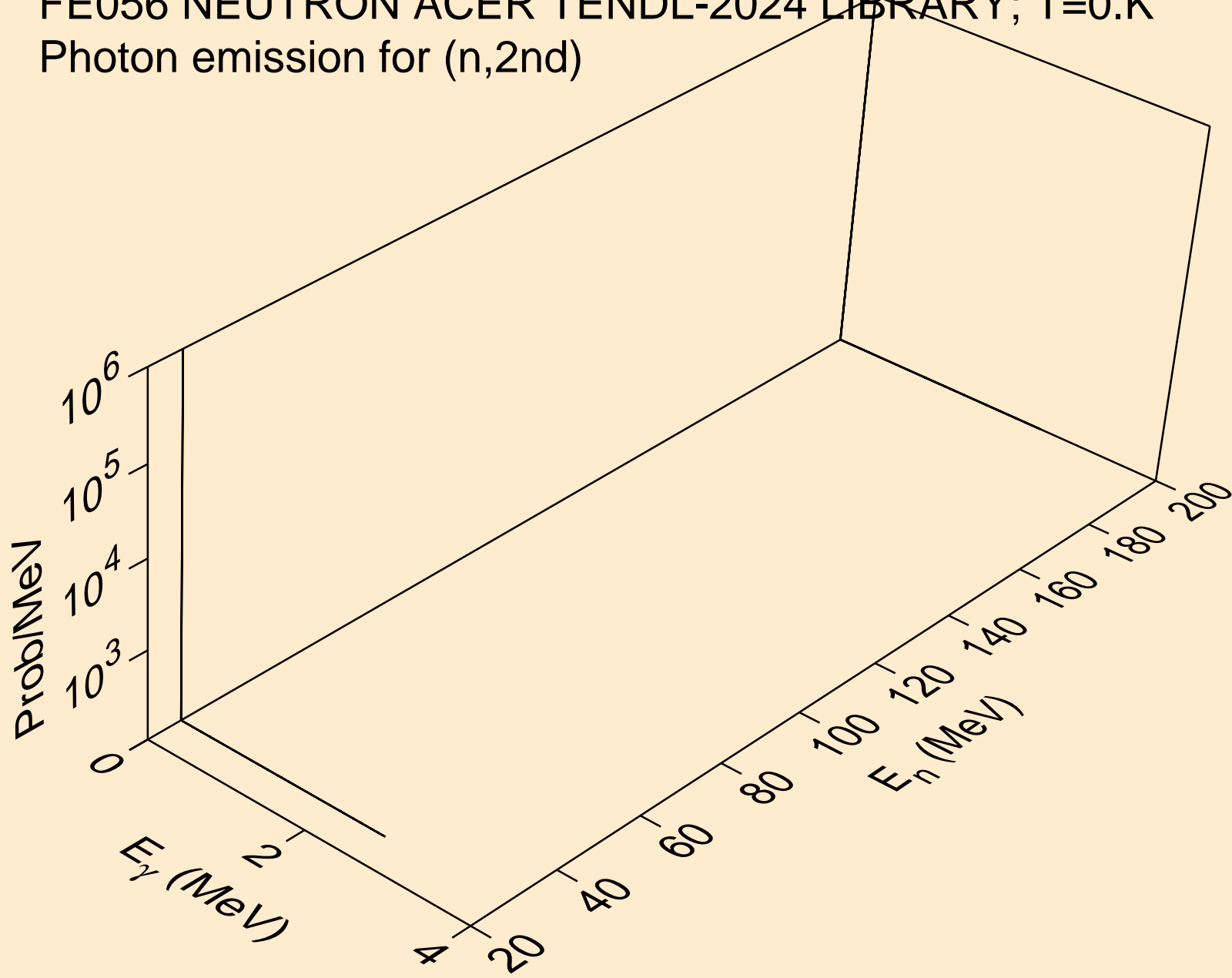
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



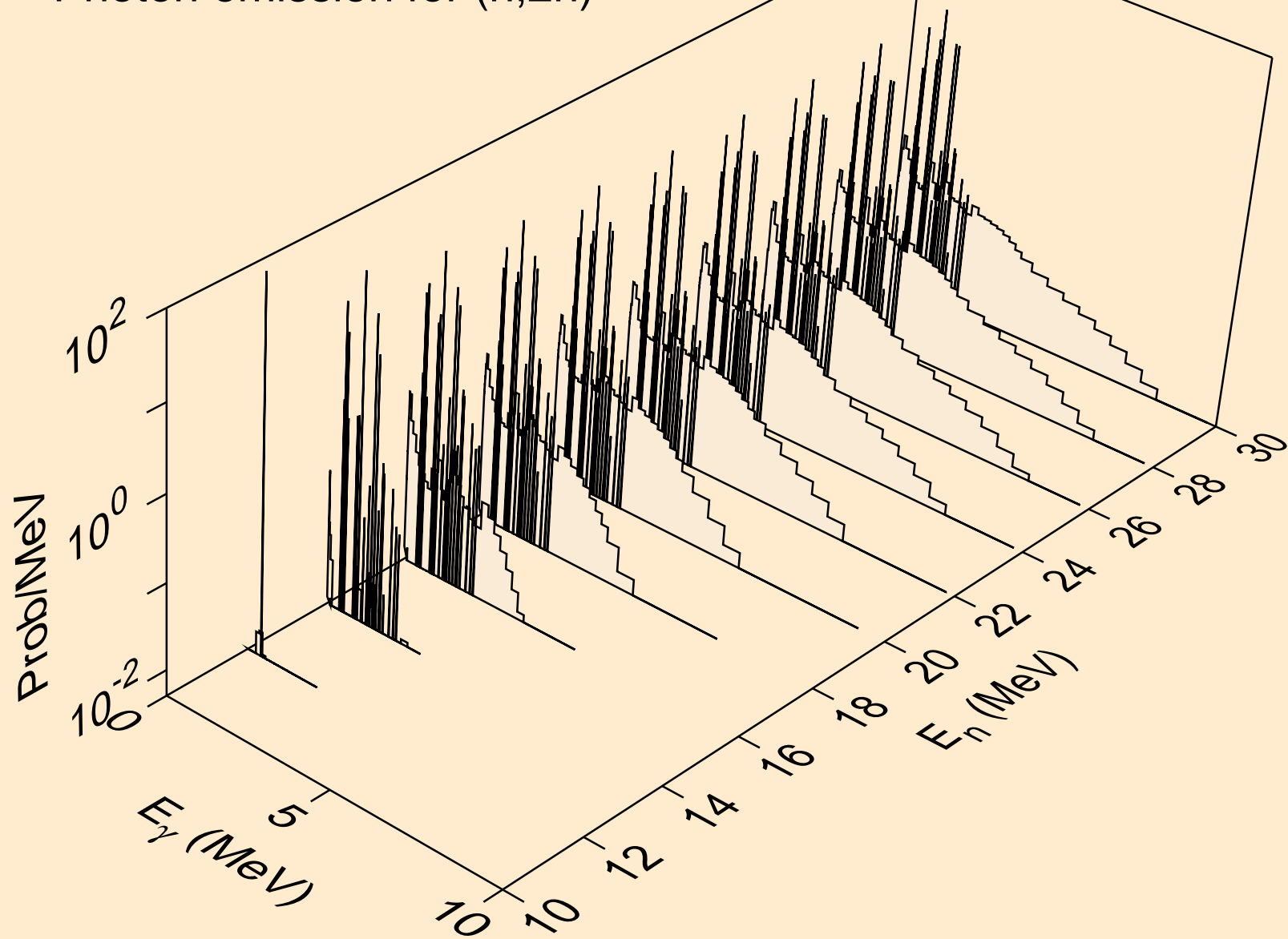
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



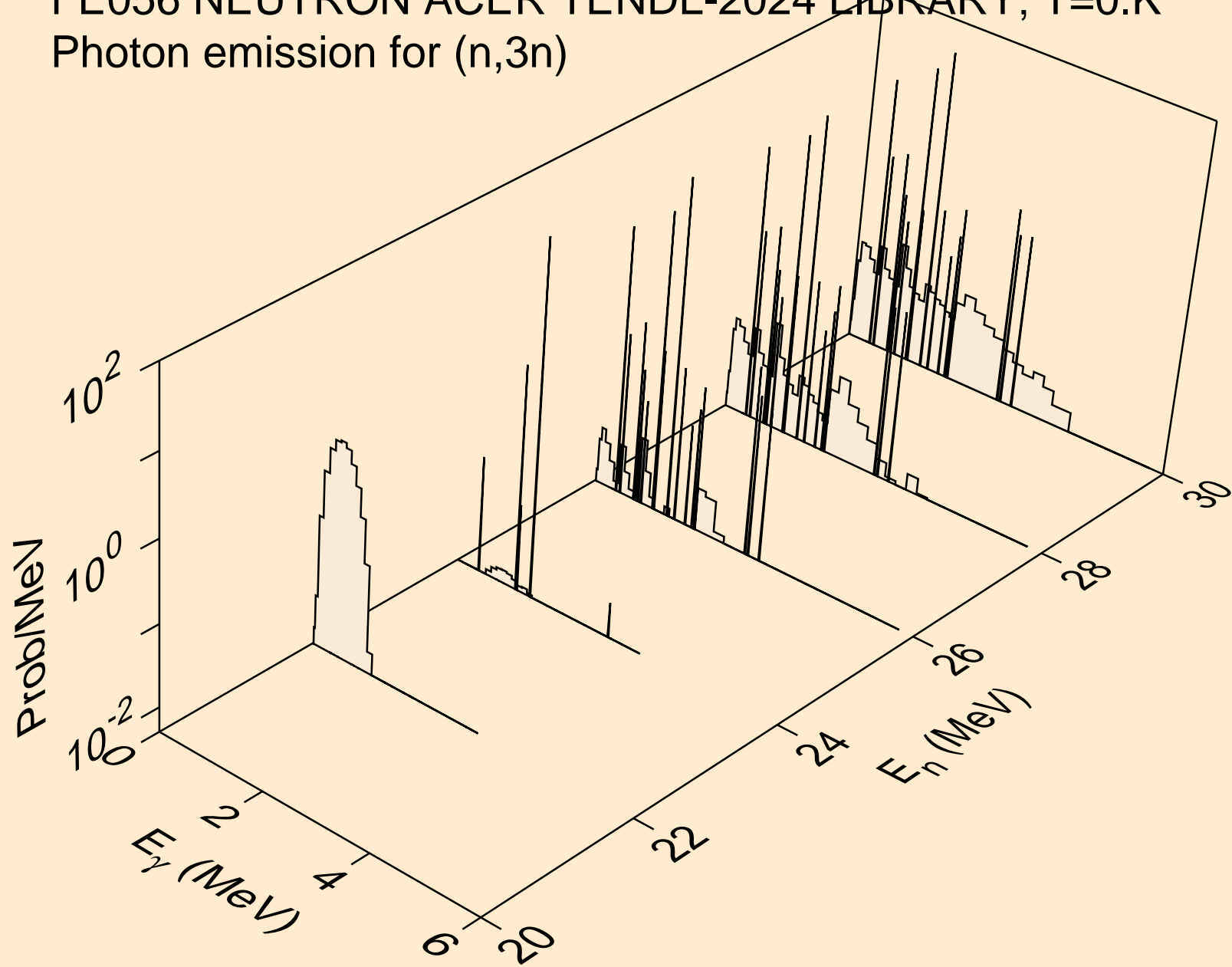
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



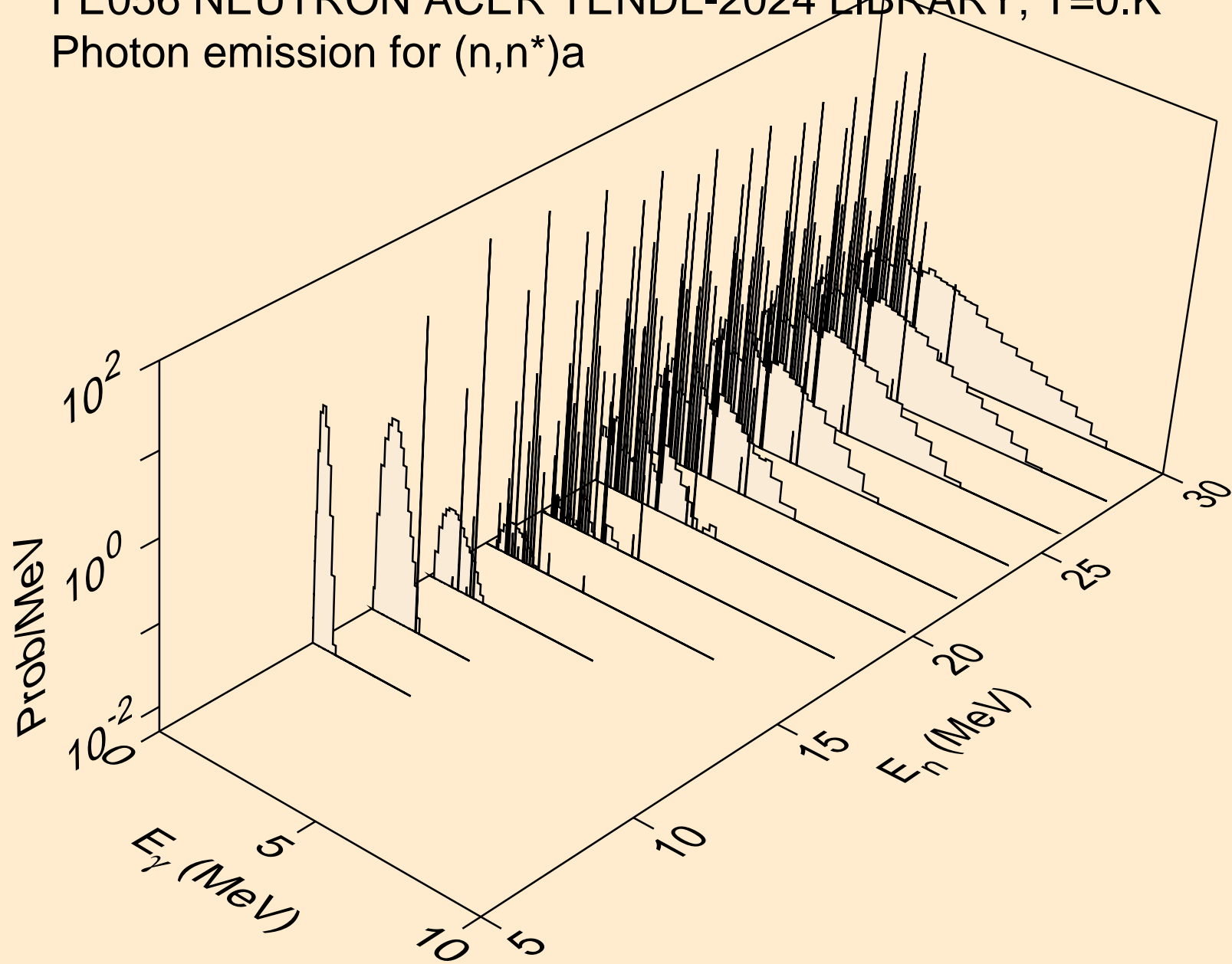
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

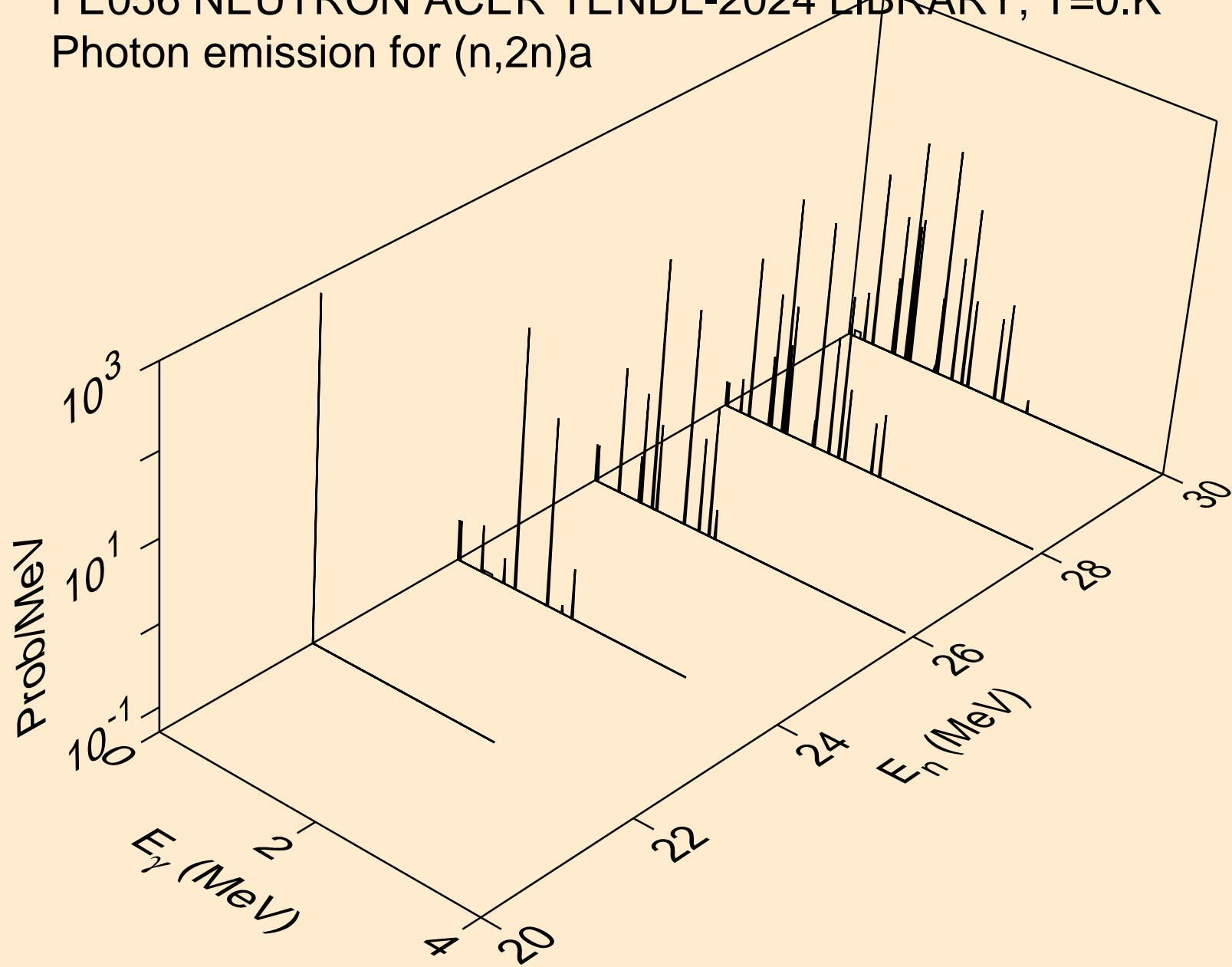


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

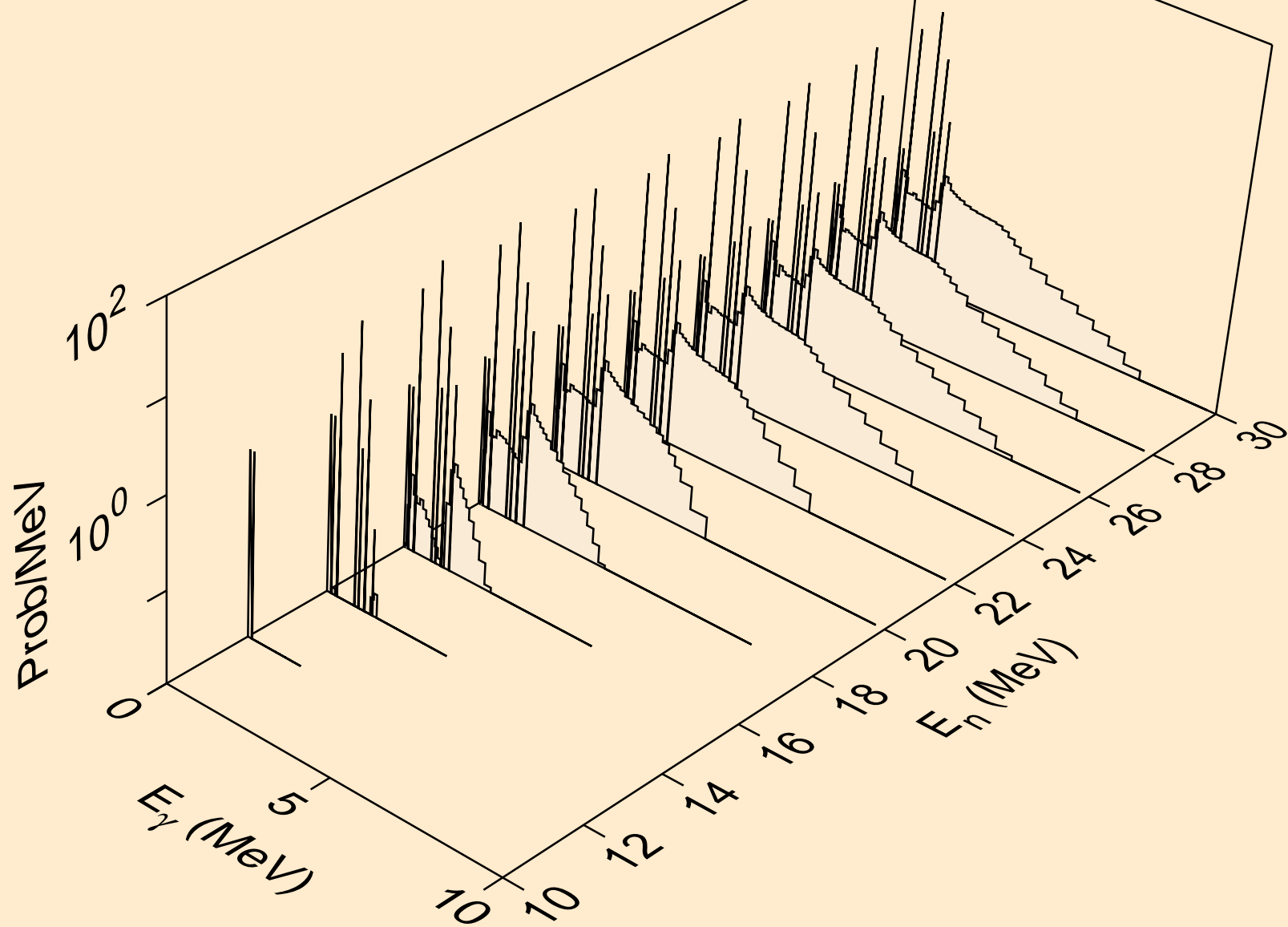




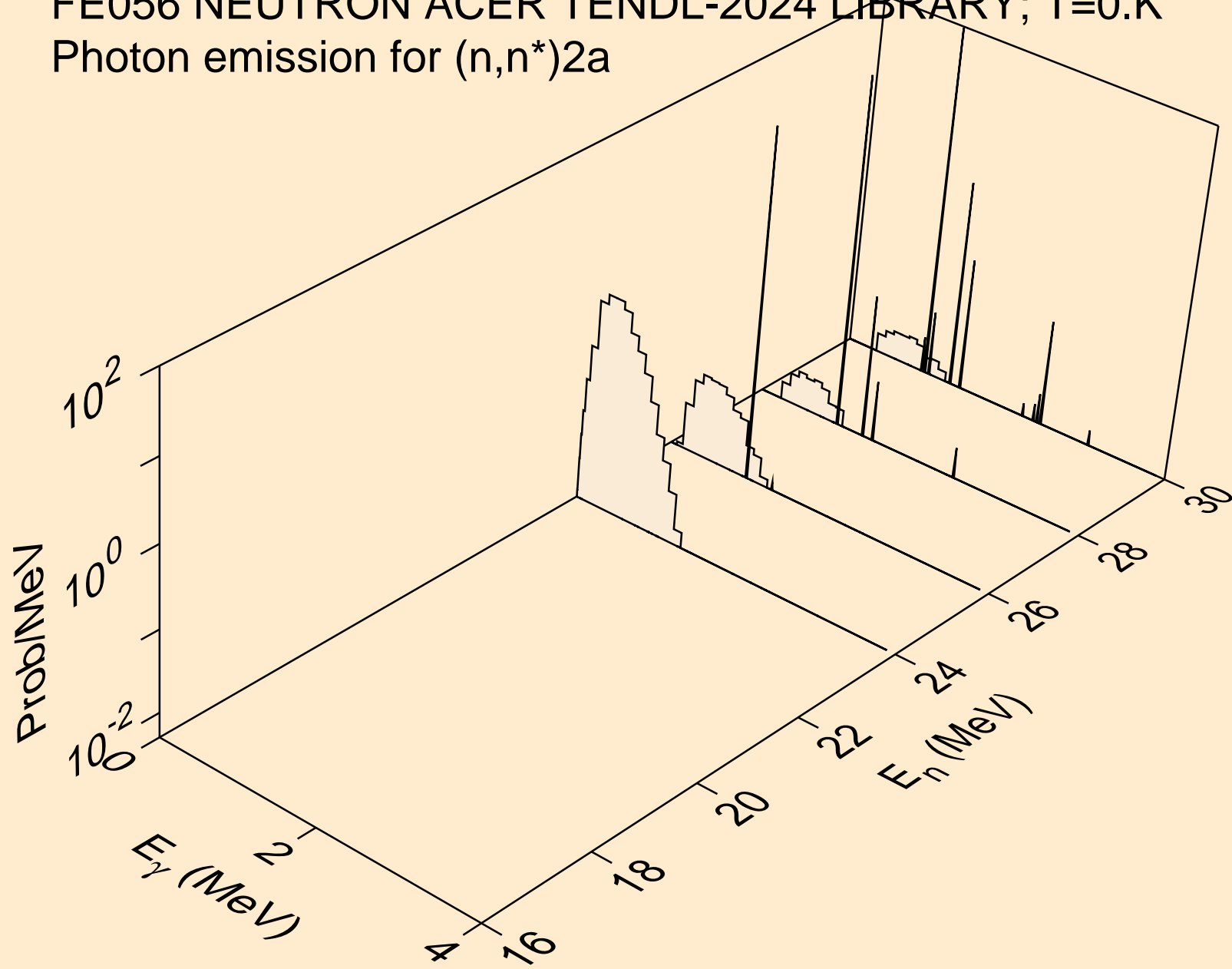
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



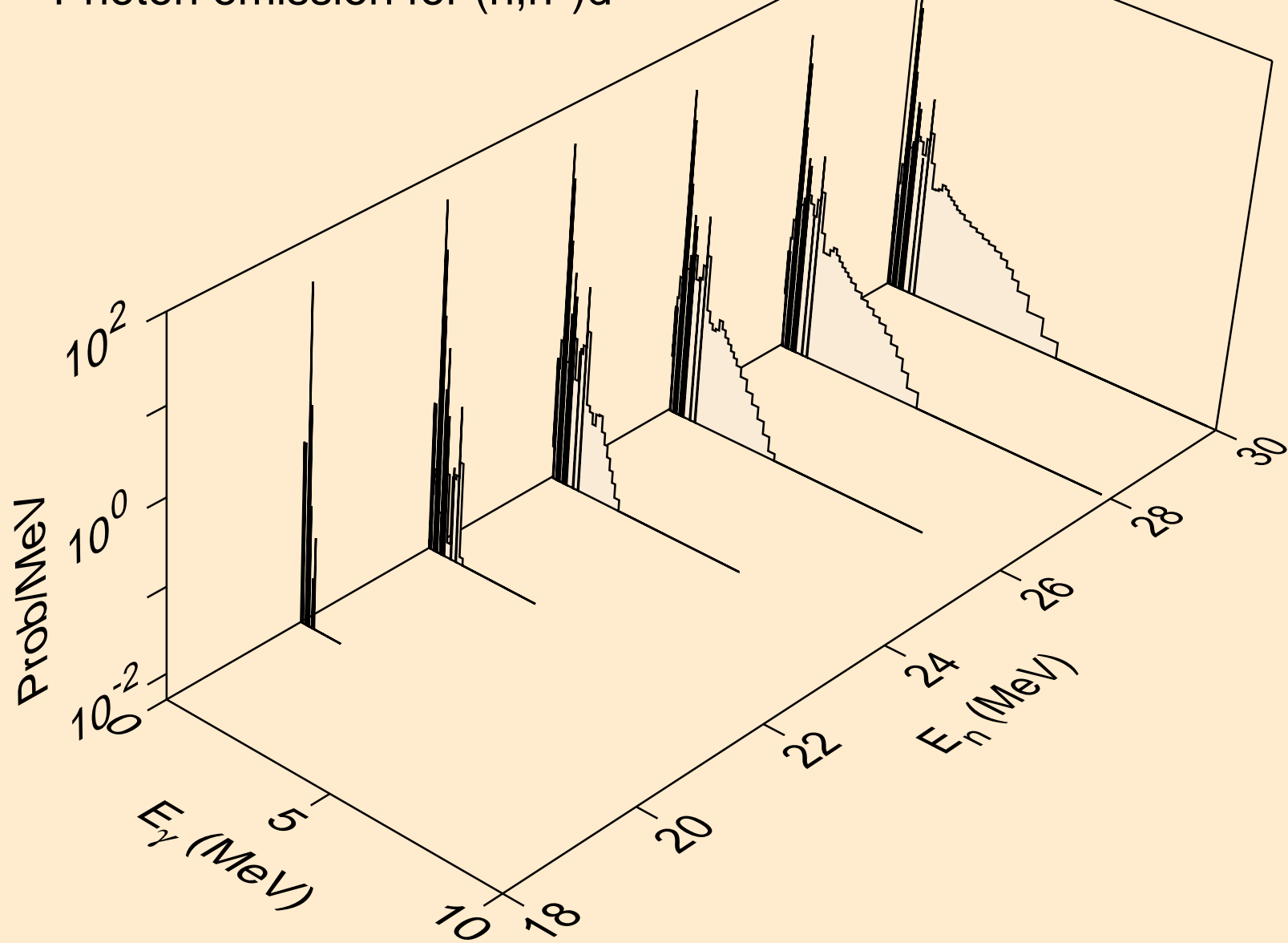
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



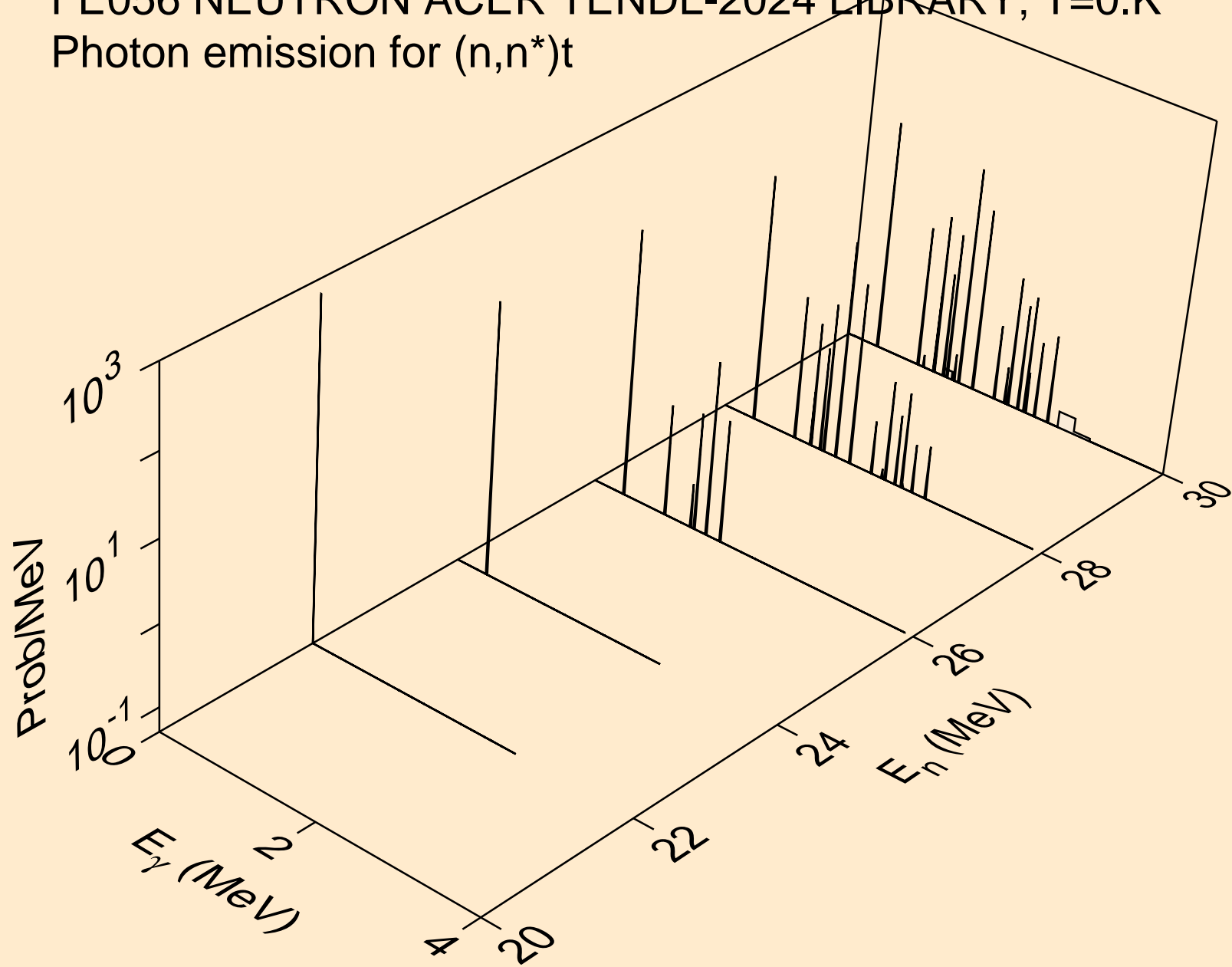
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Photon emission for (n,n\*)2a



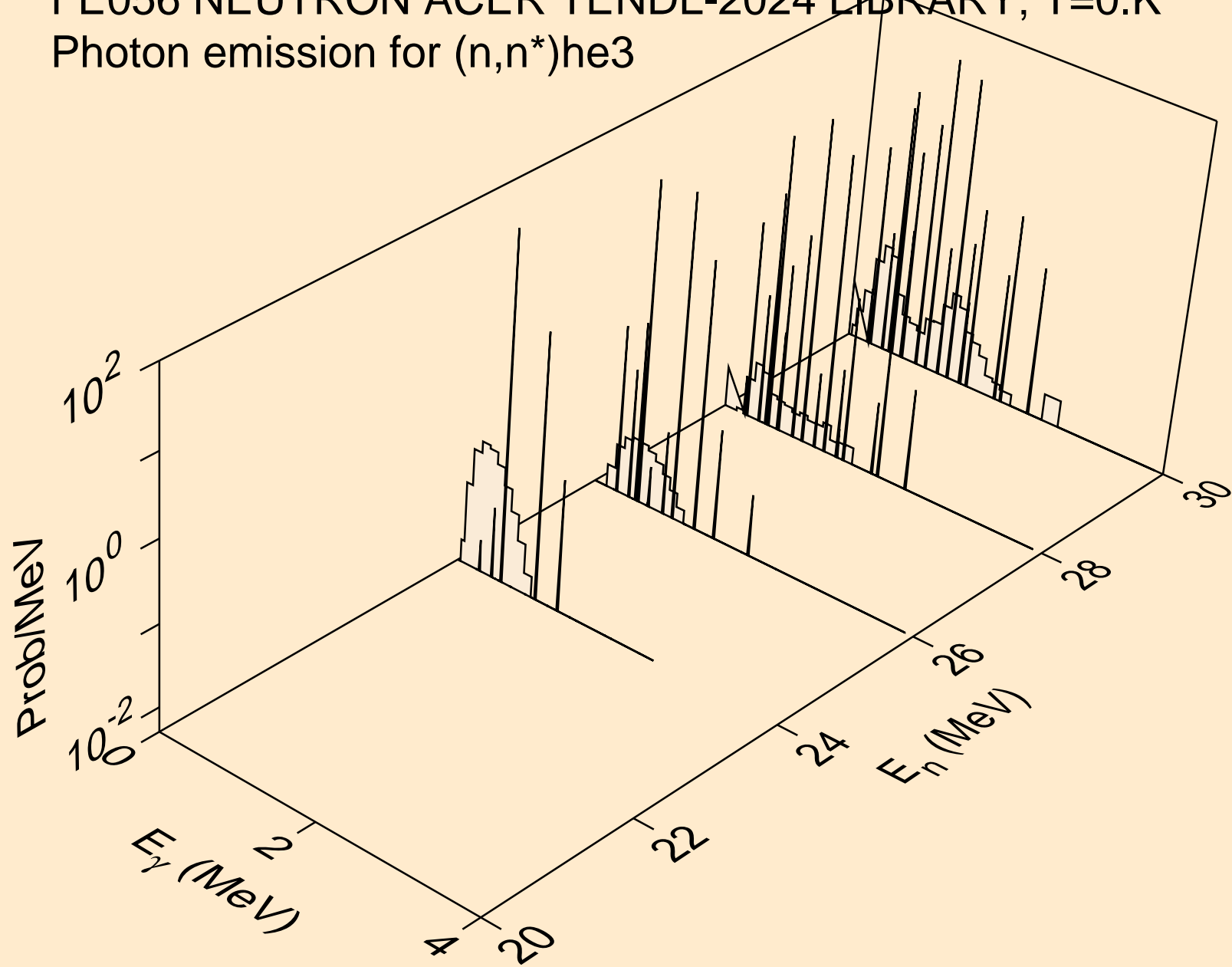
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Photon emission for (n,n\*)d



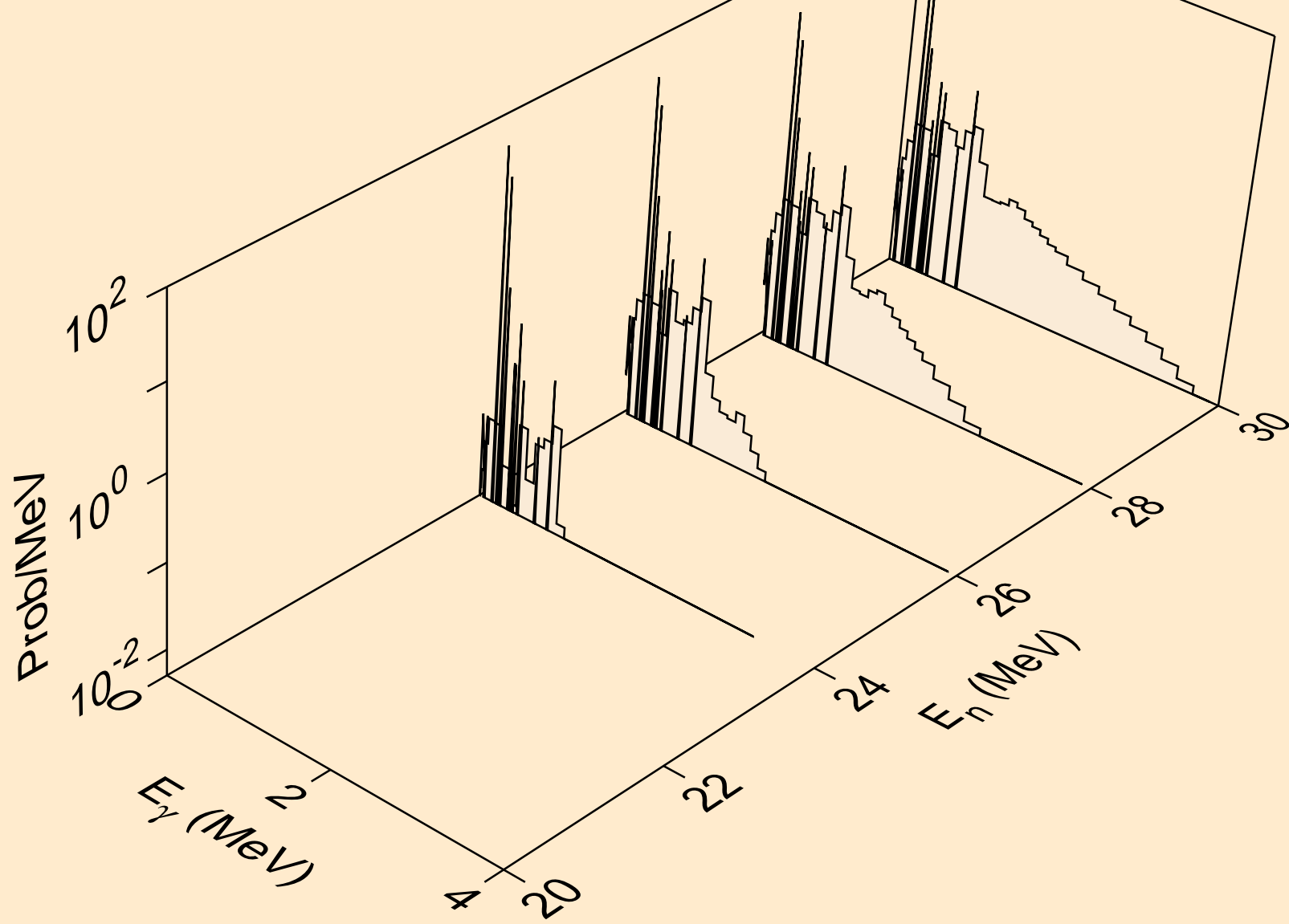
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



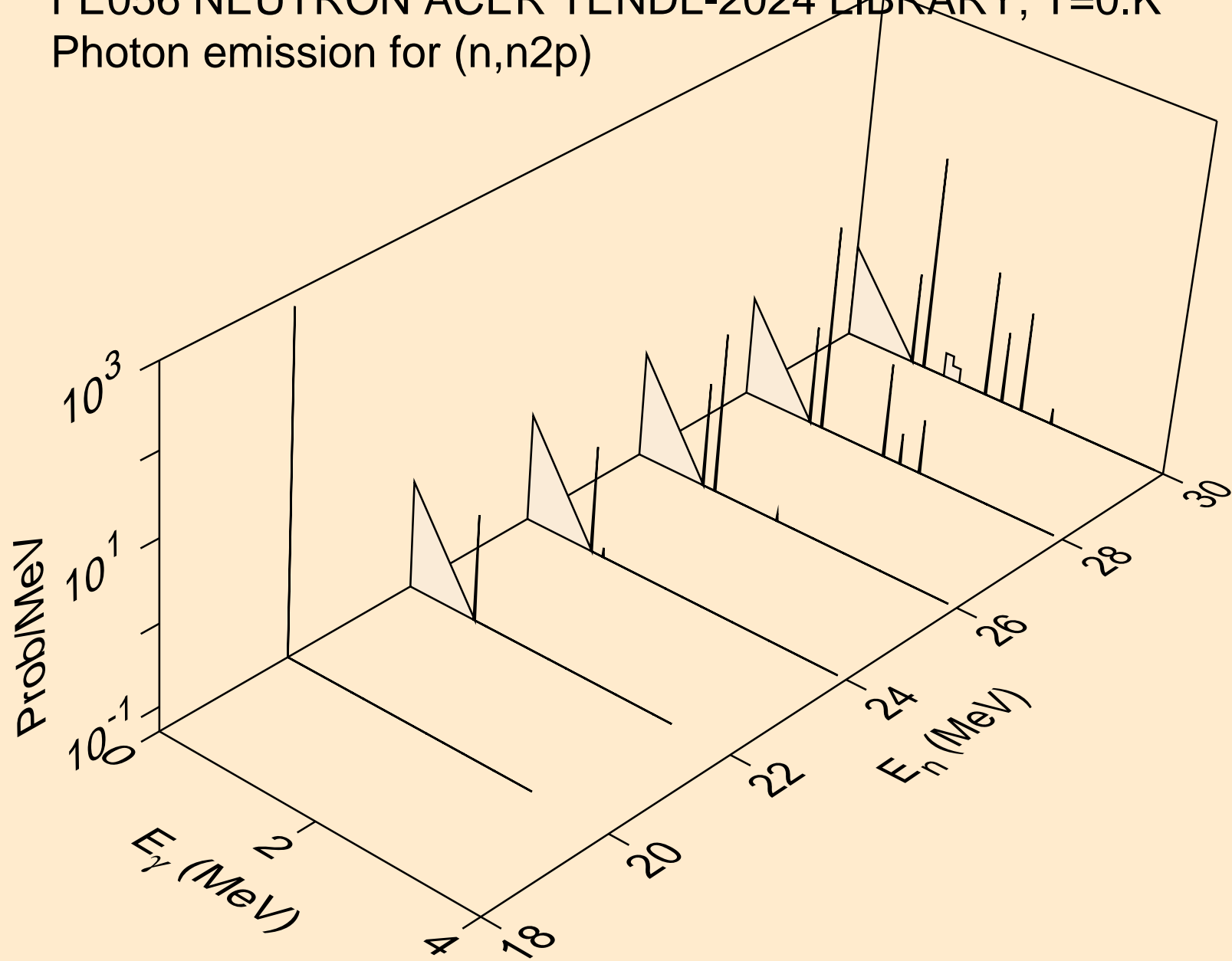
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

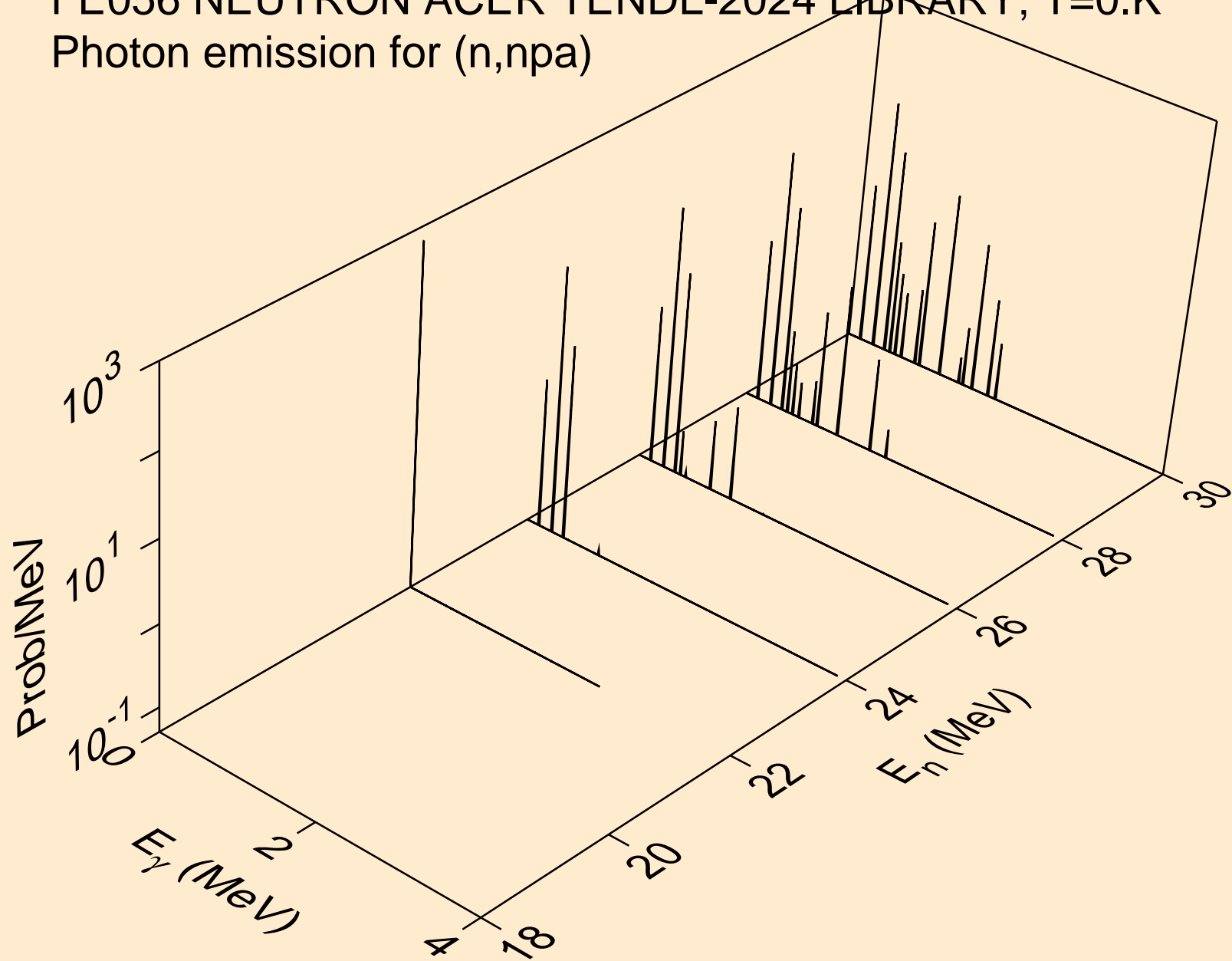


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

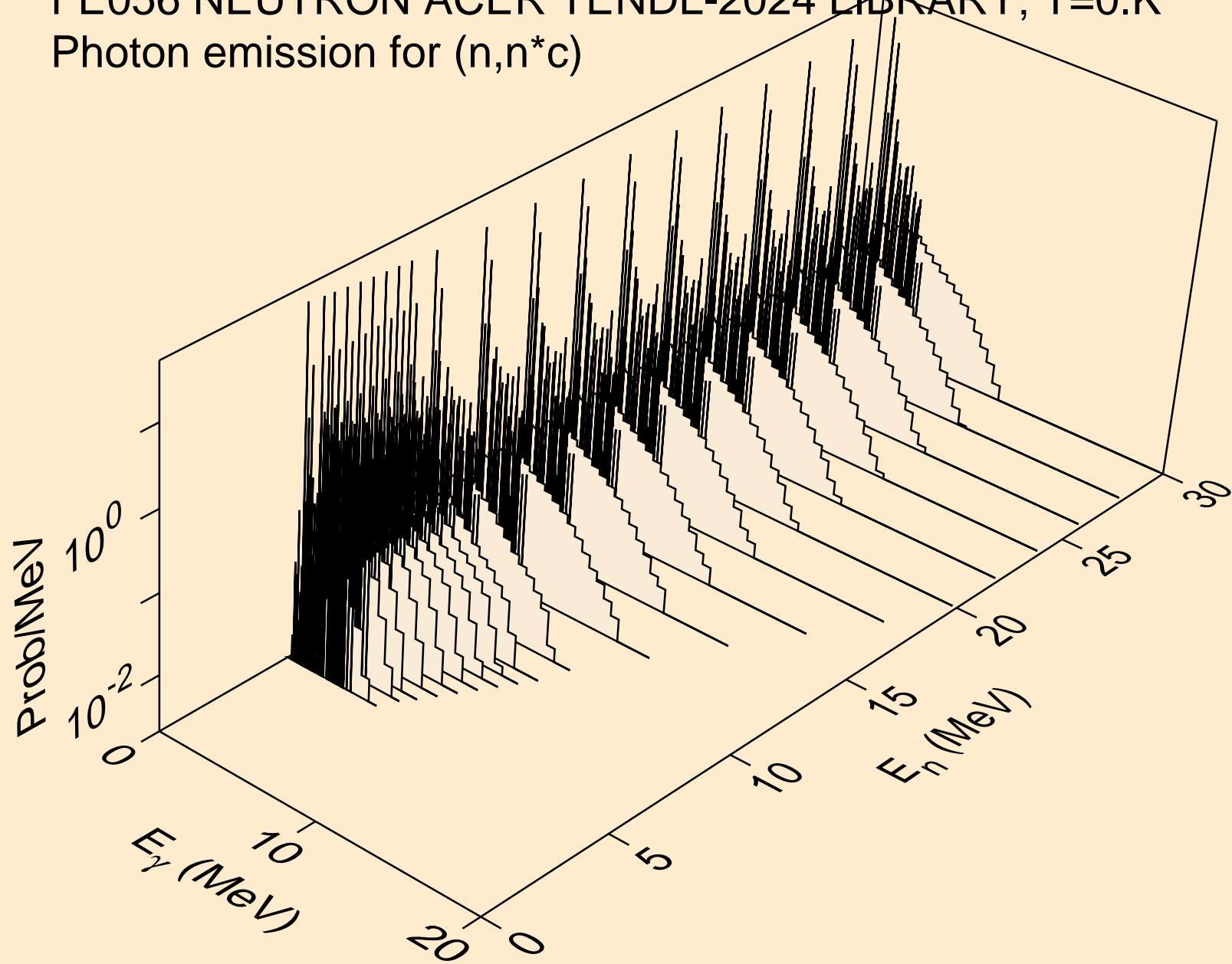




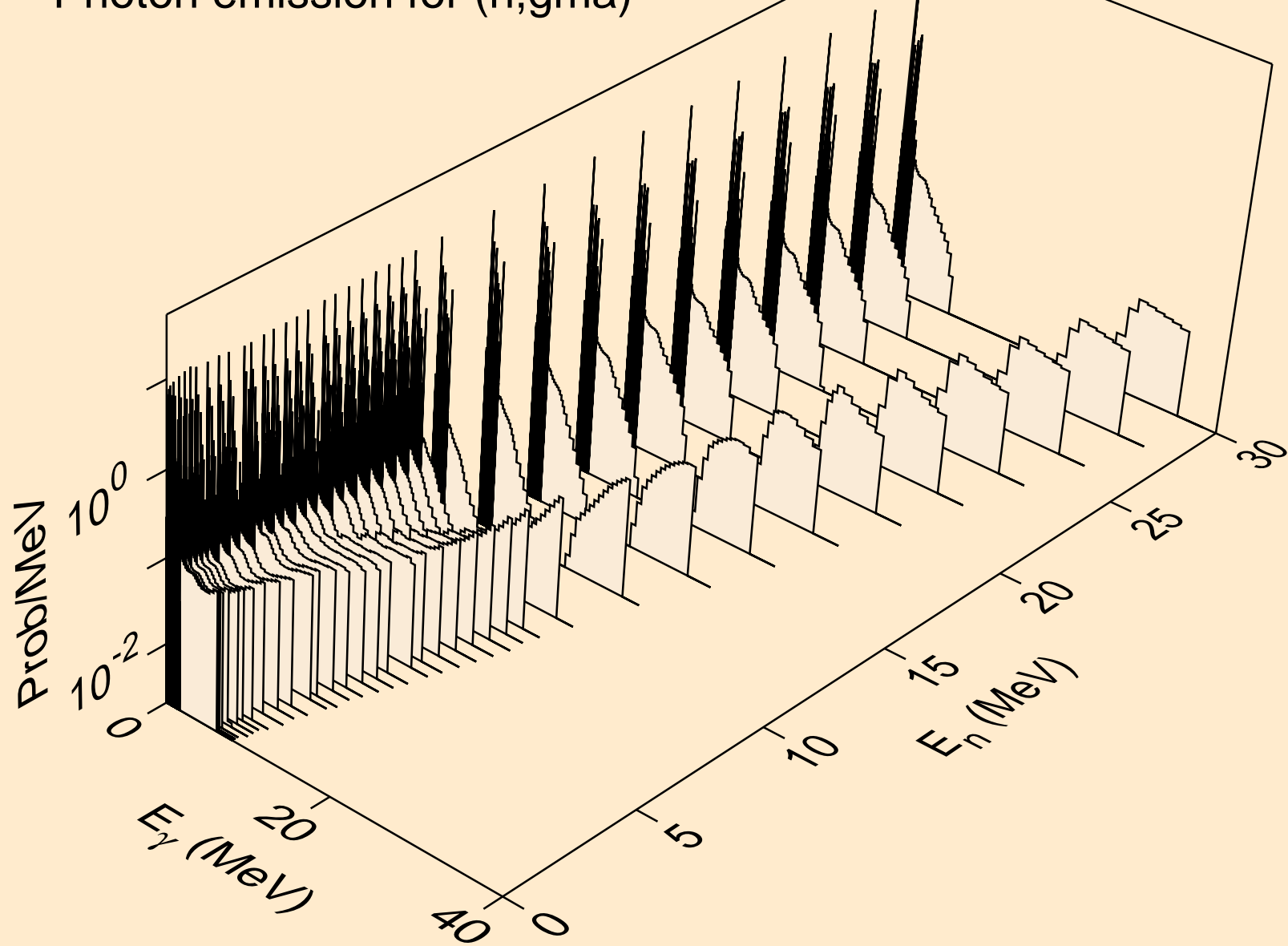
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



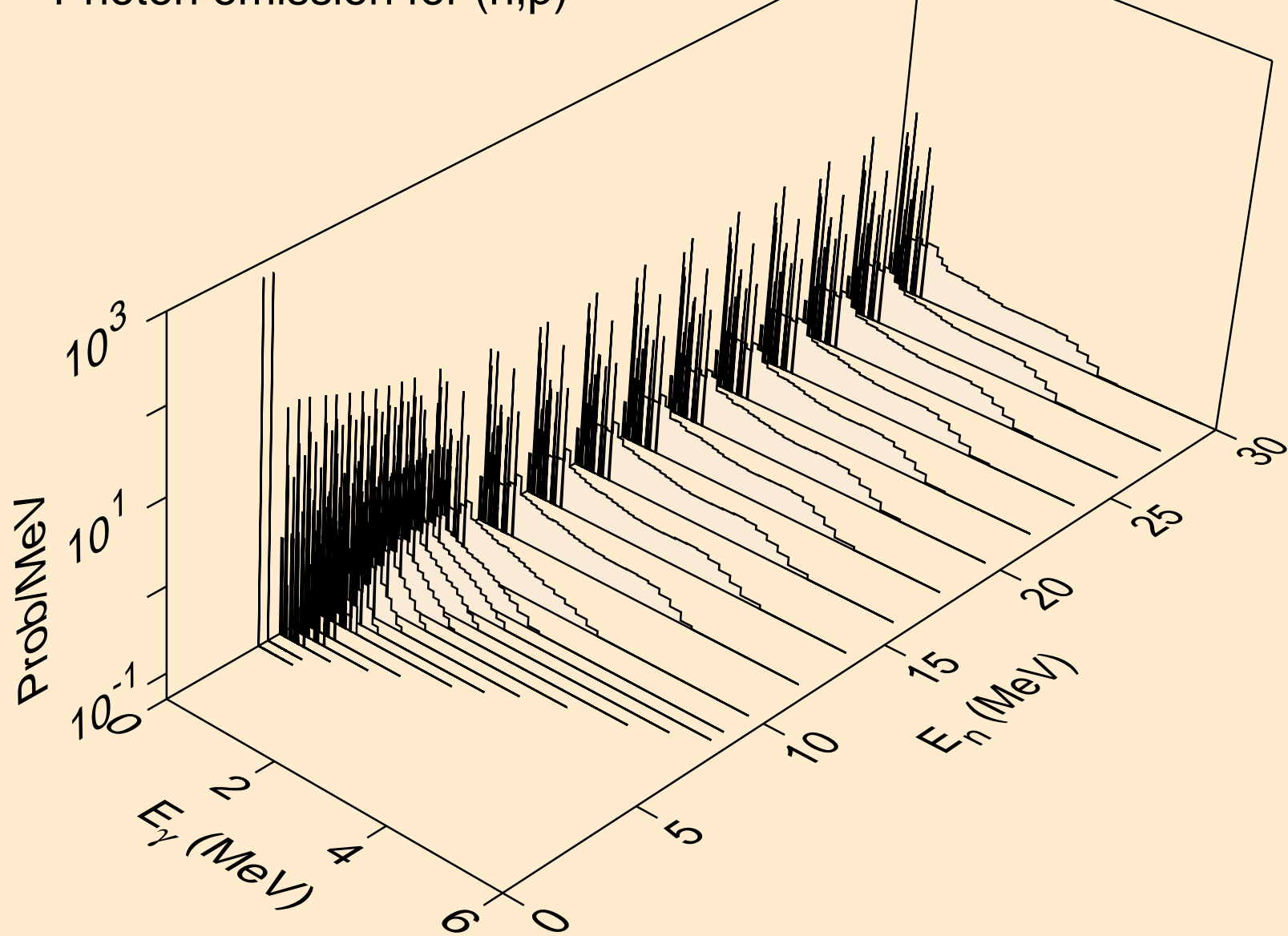
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Photon emission for (n,n\*c)



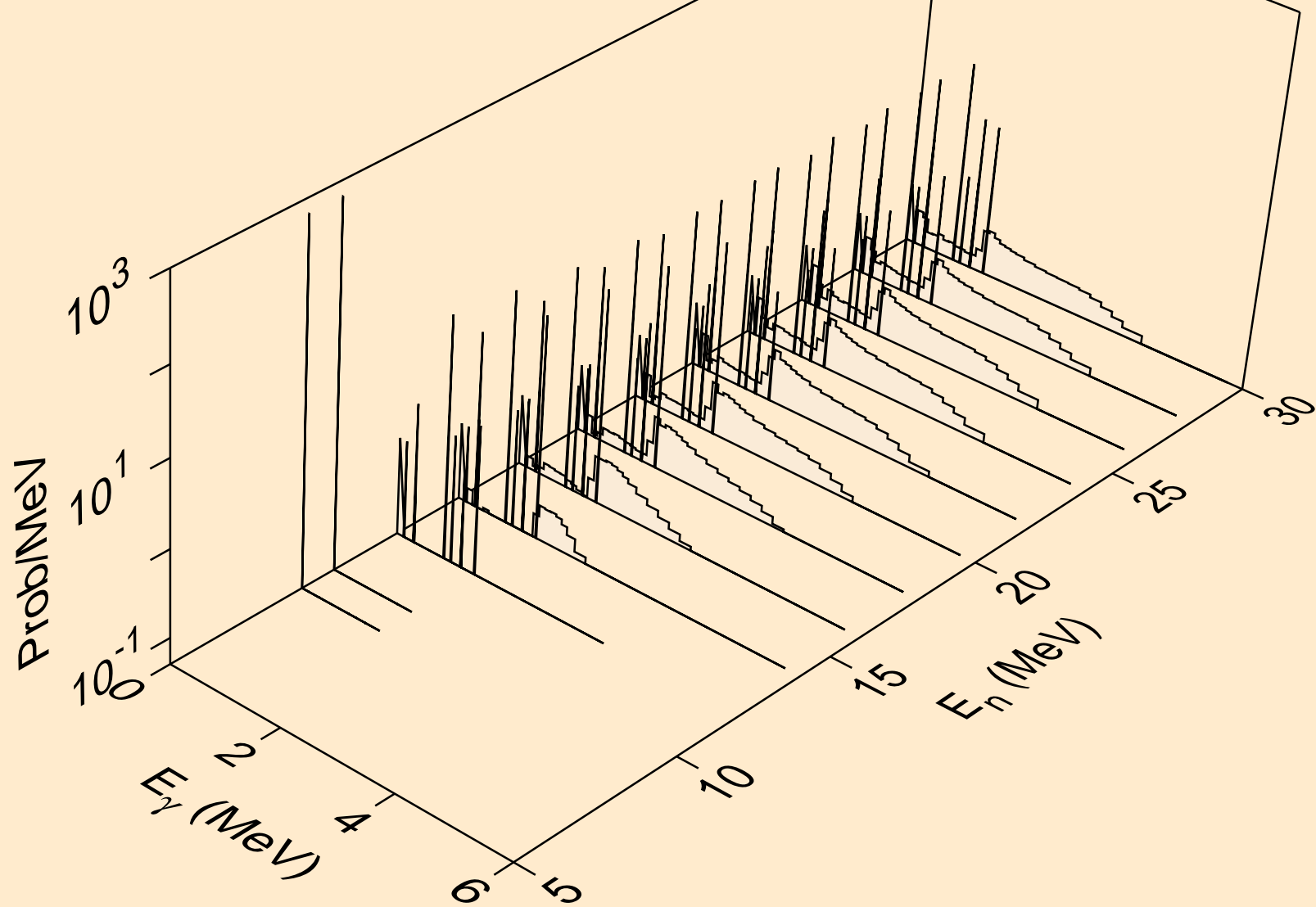
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



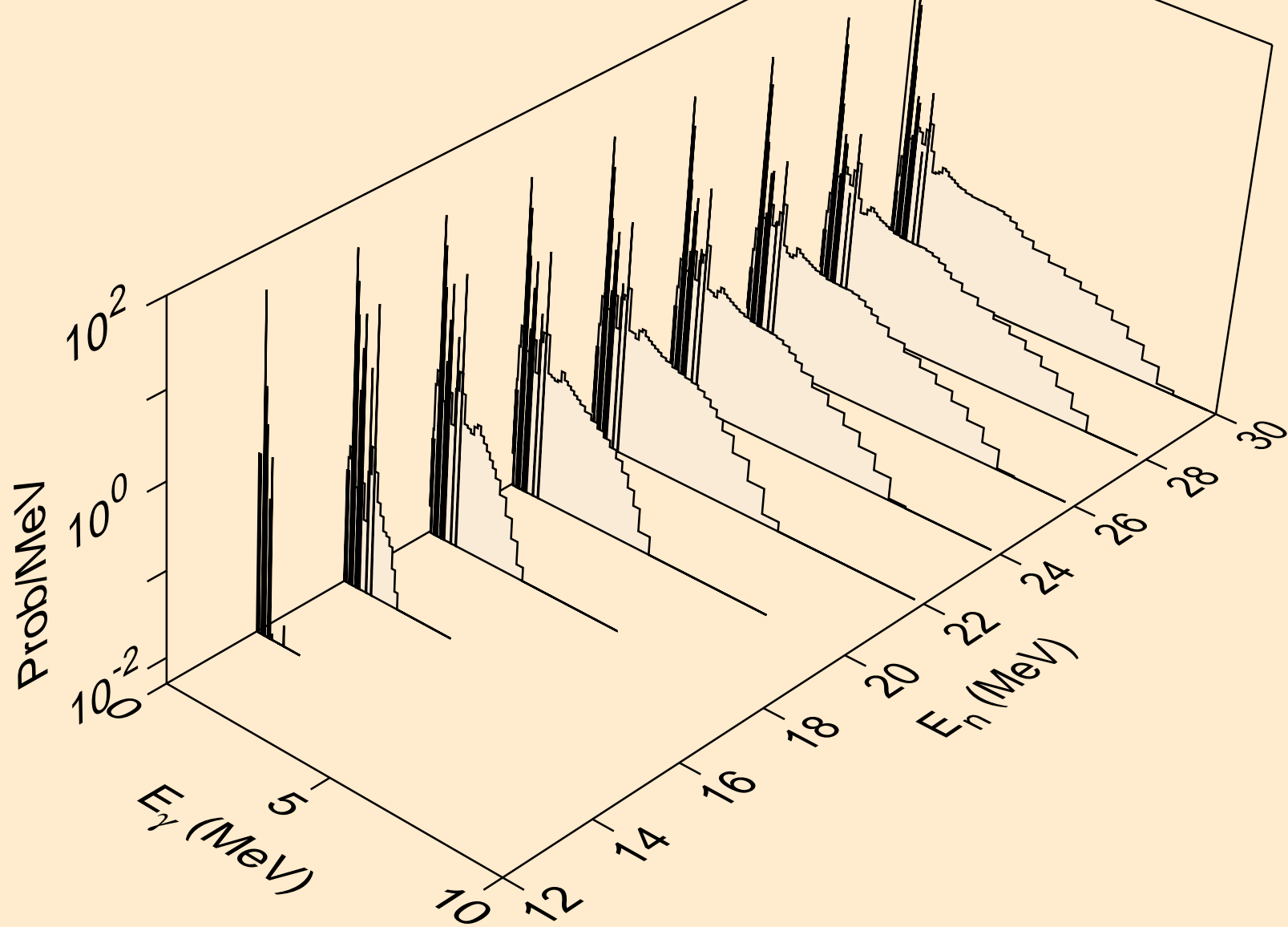
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Photon emission for (n,p)



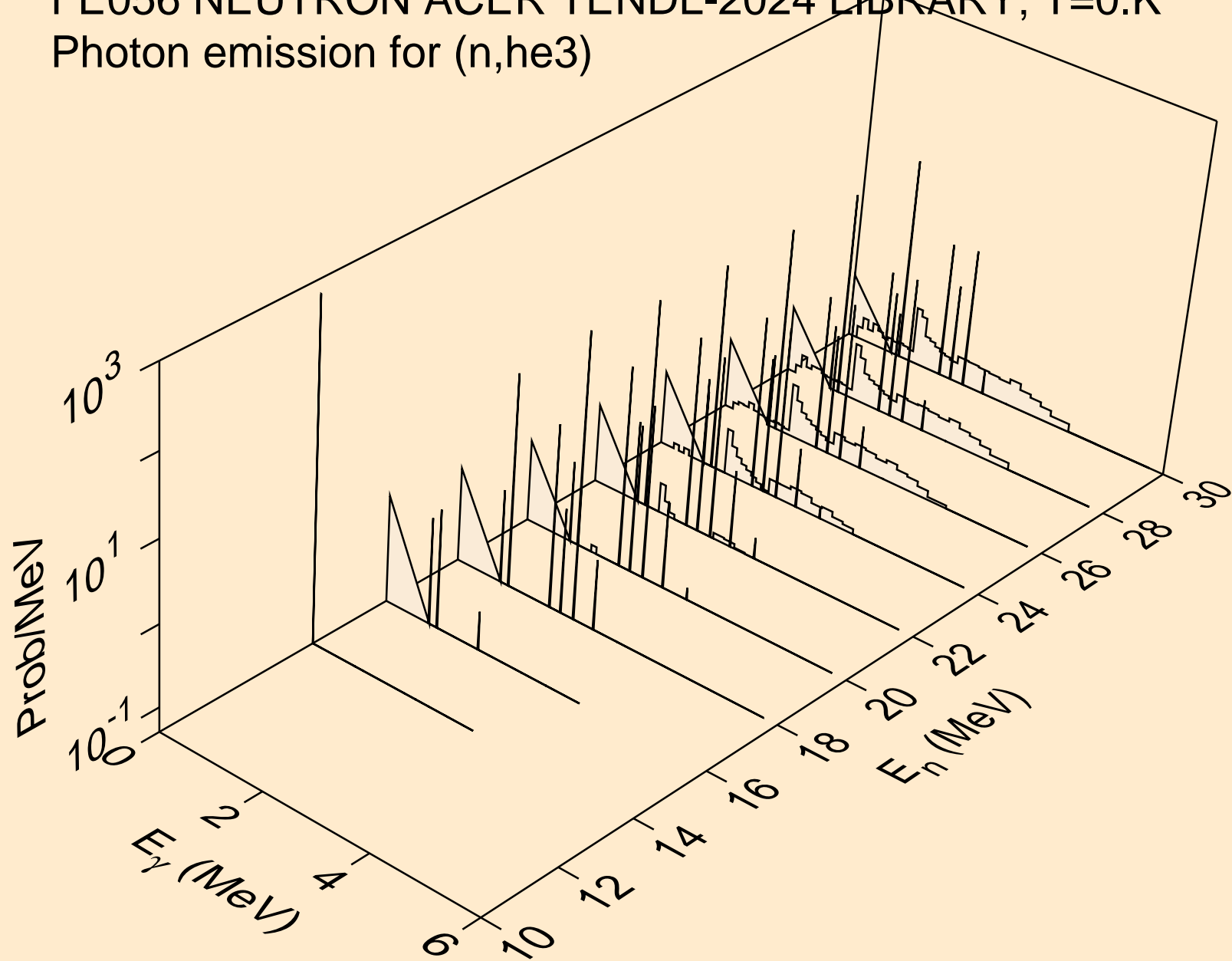
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Photon emission for (n,d)



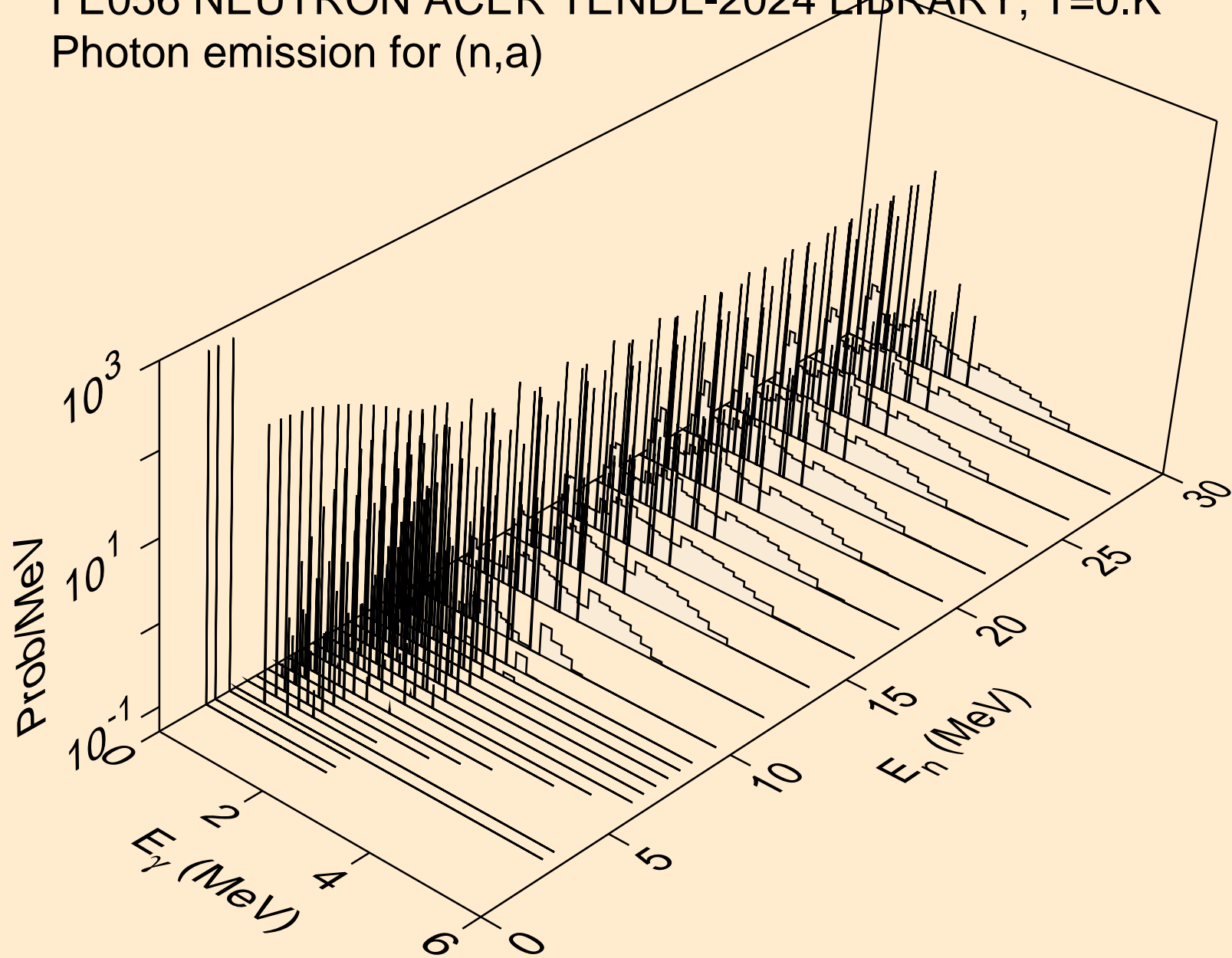
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

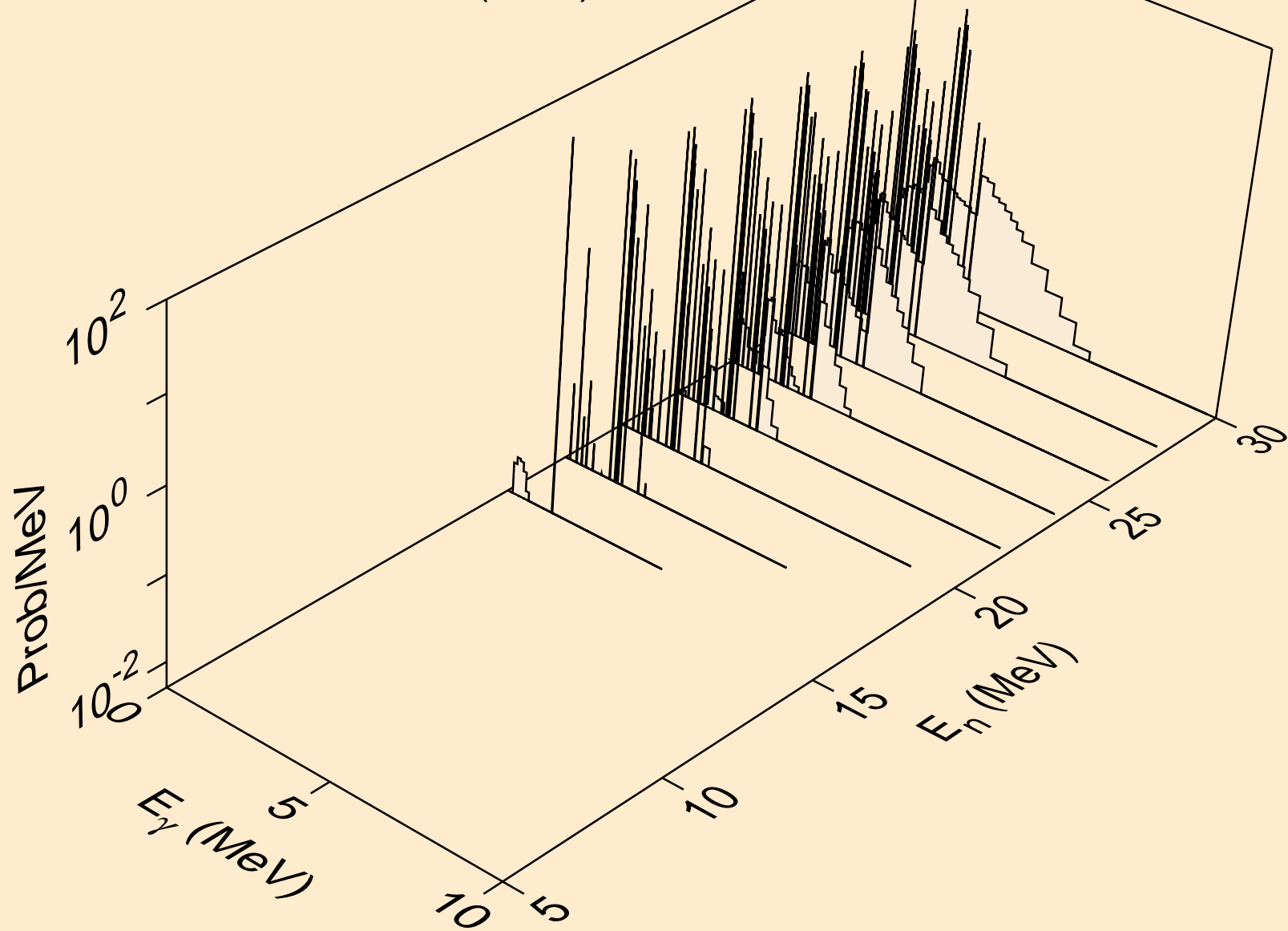


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

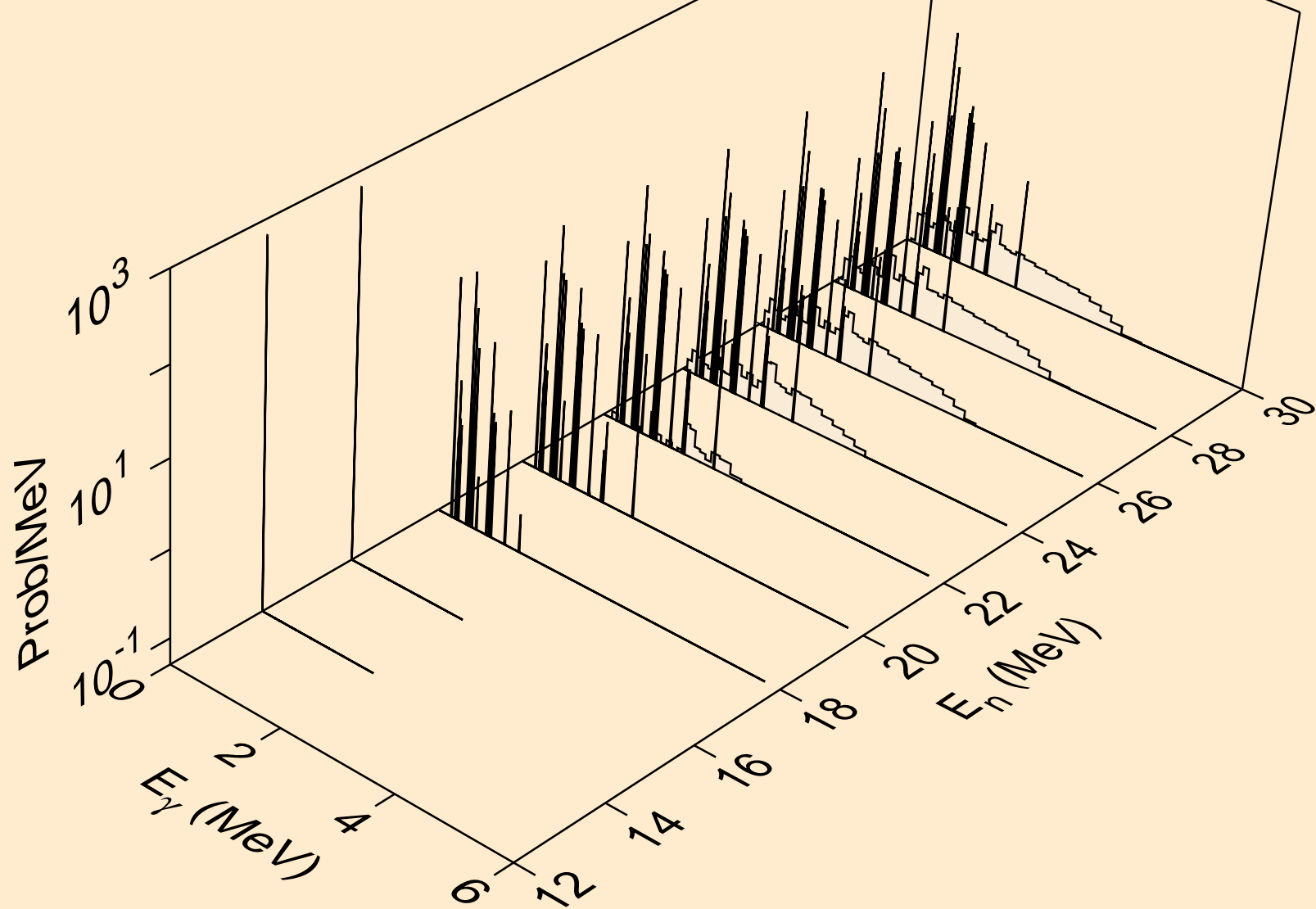




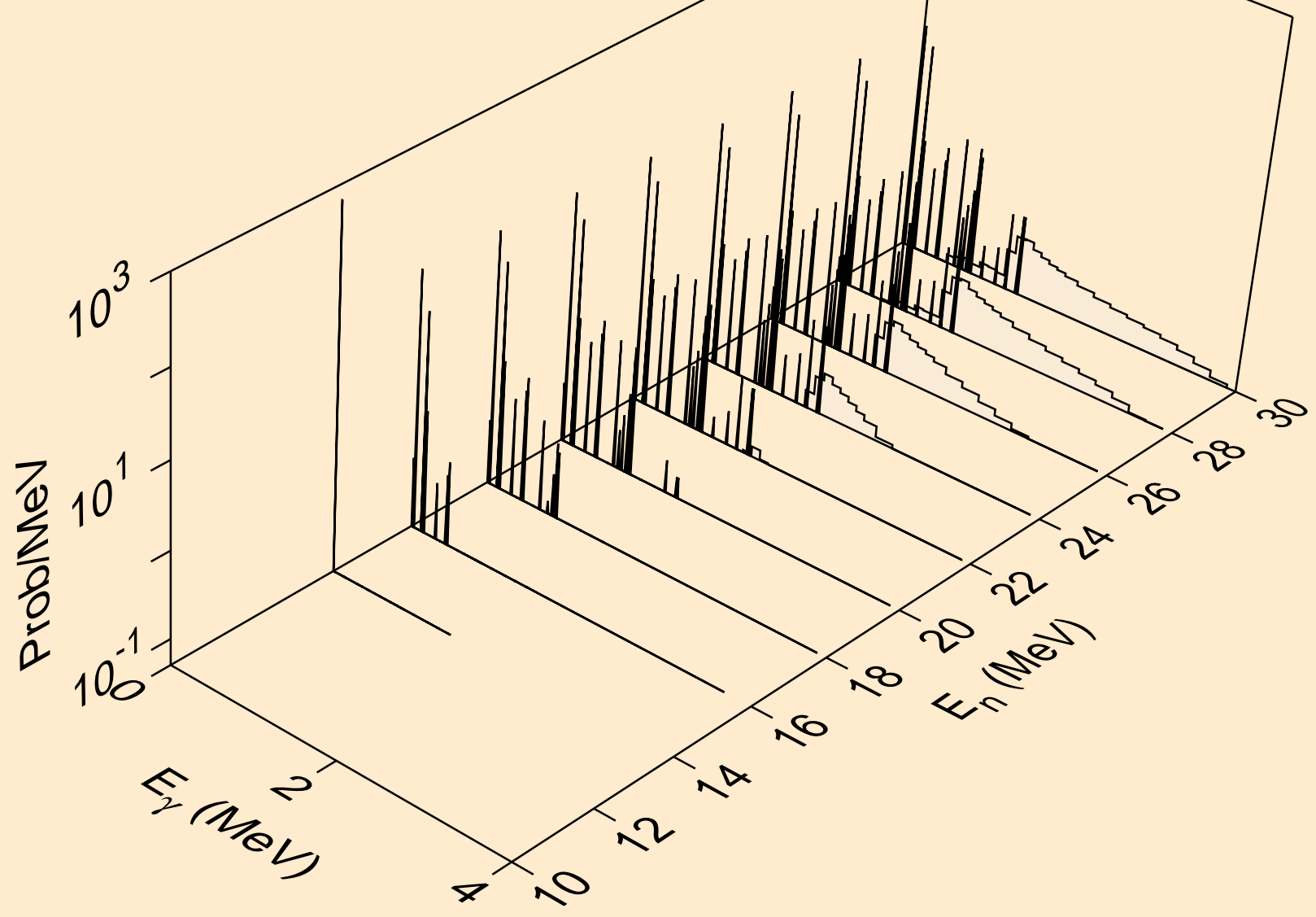
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Photon emission for (n,2a)



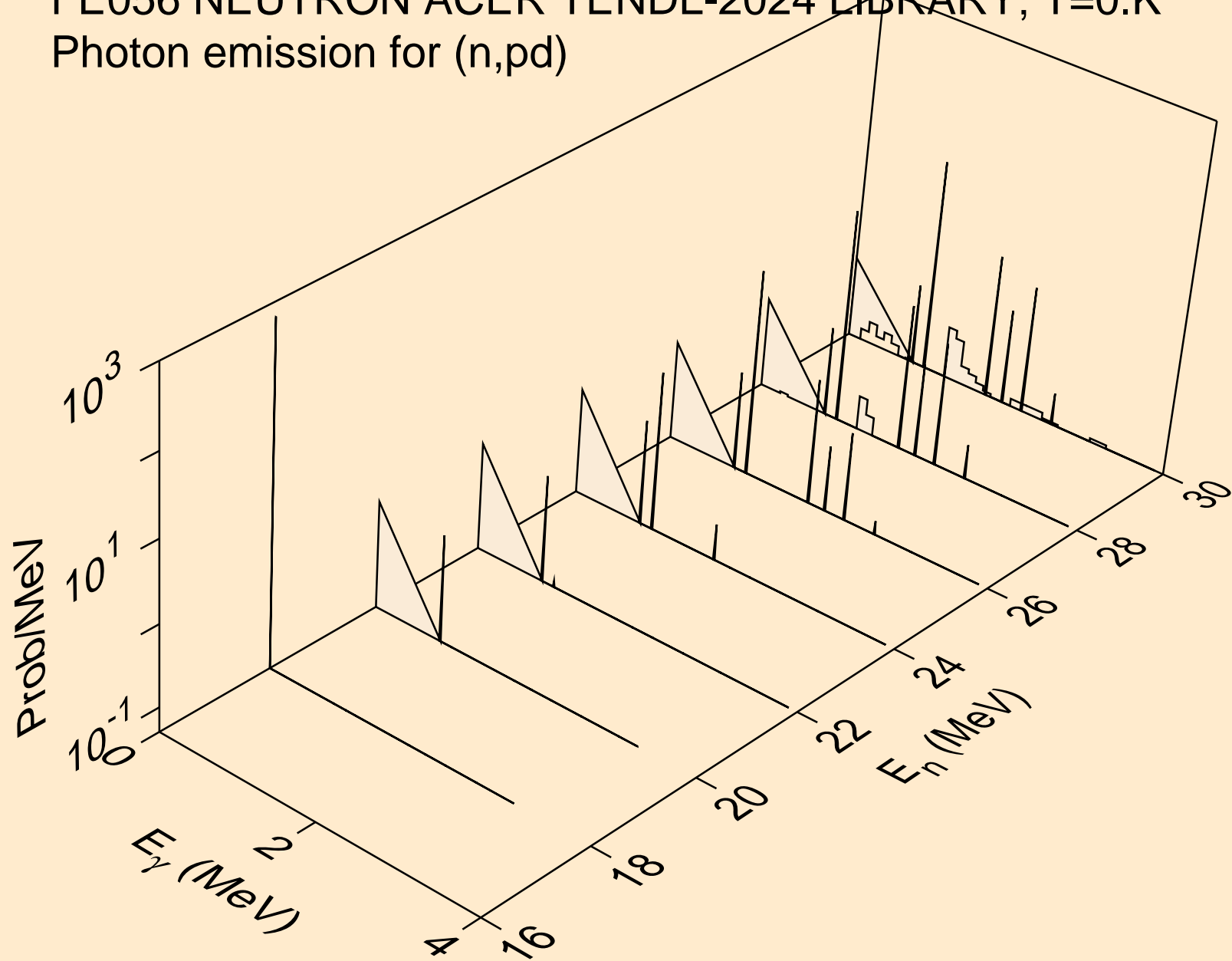
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Photon emission for (n,2p)



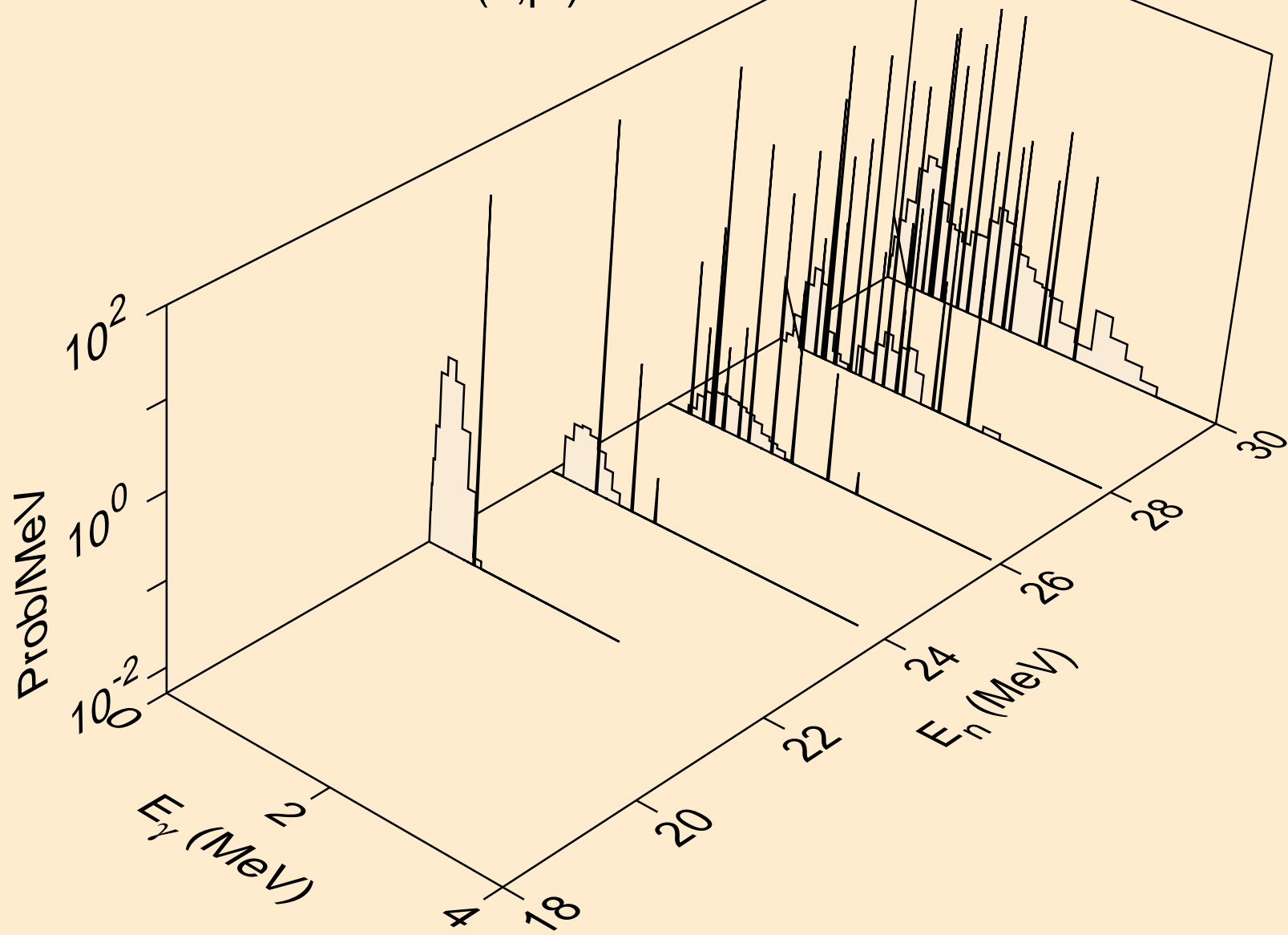
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Photon emission for (n,p $\alpha$ )



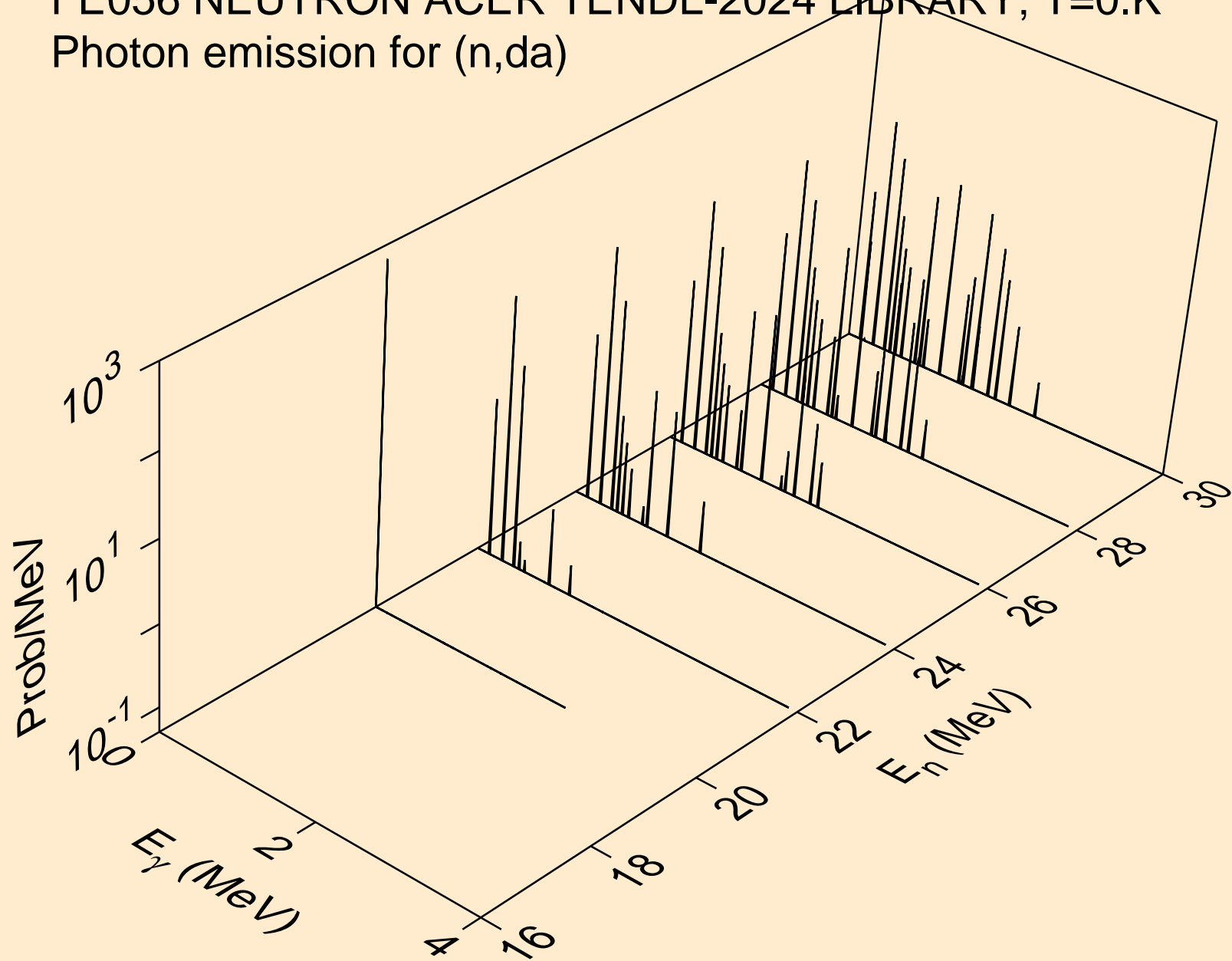
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



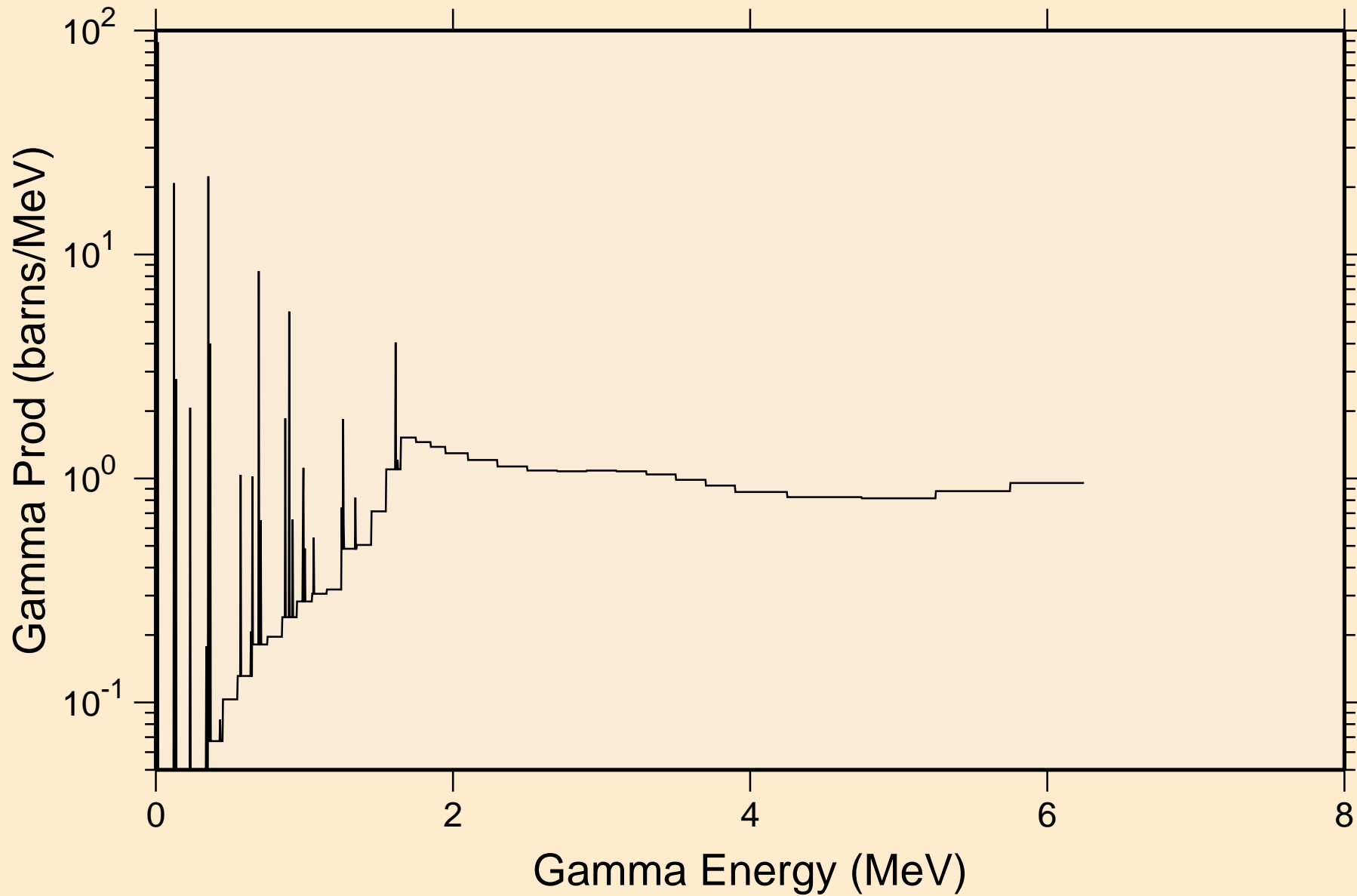
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



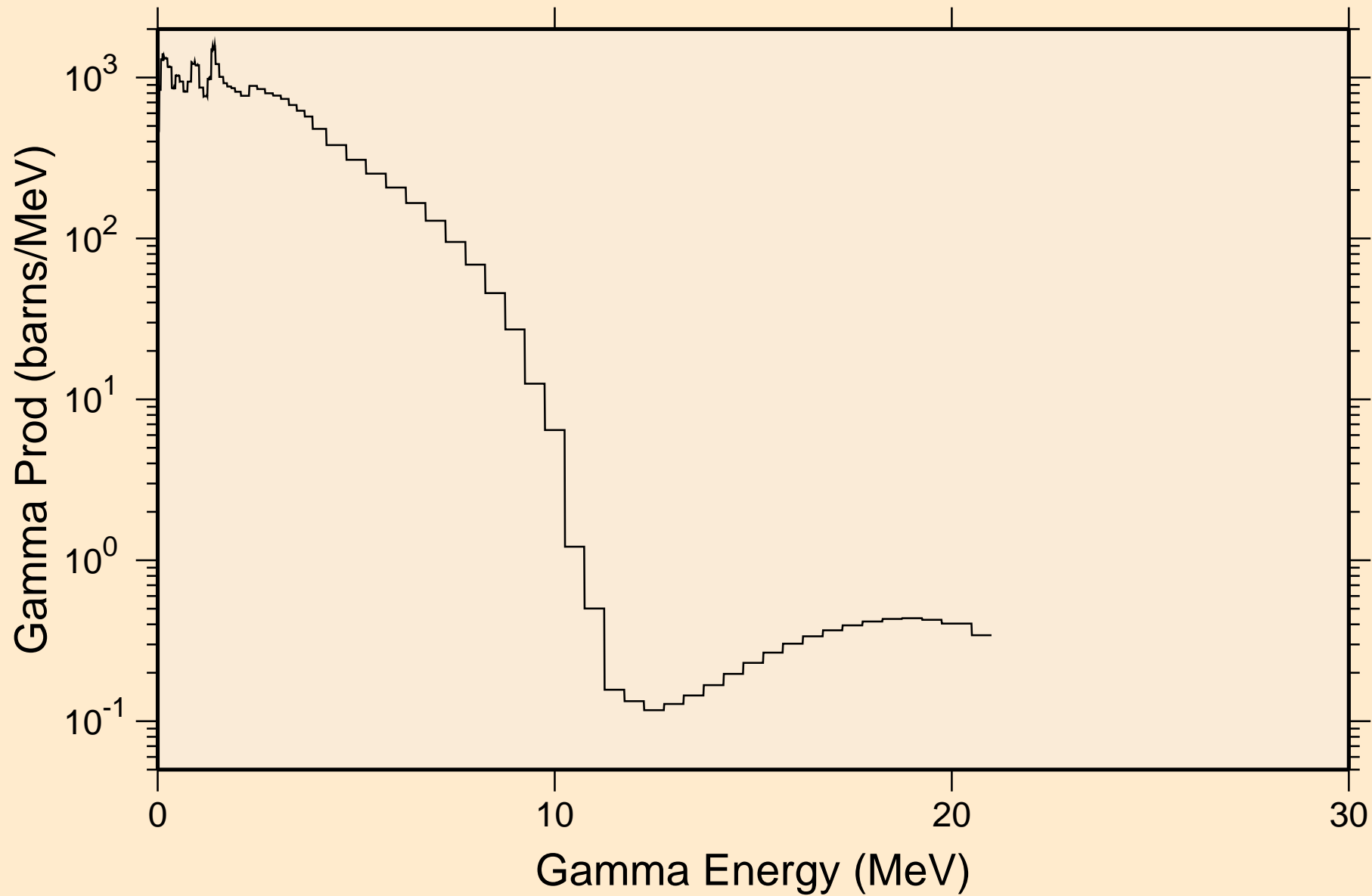
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



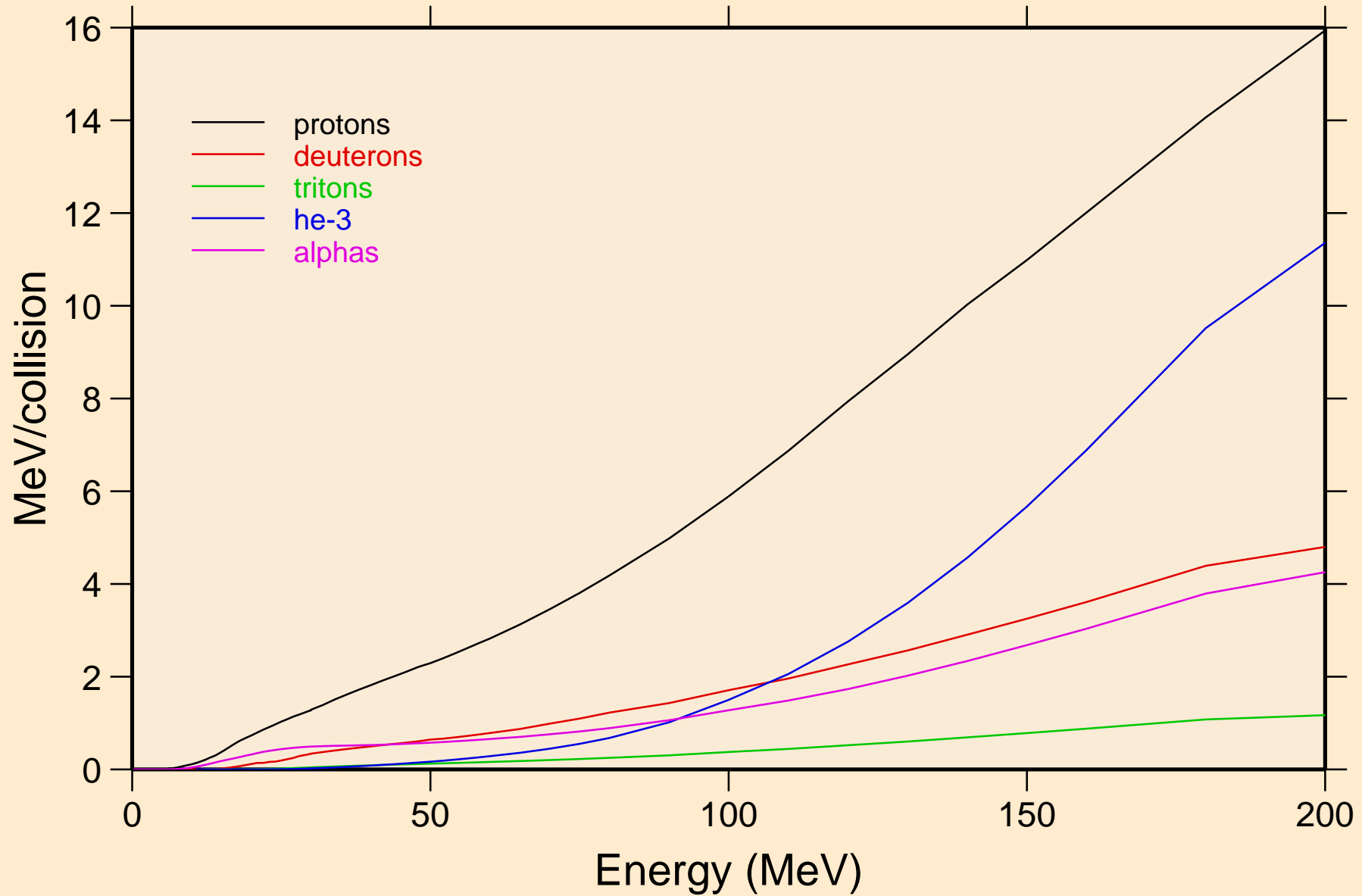
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



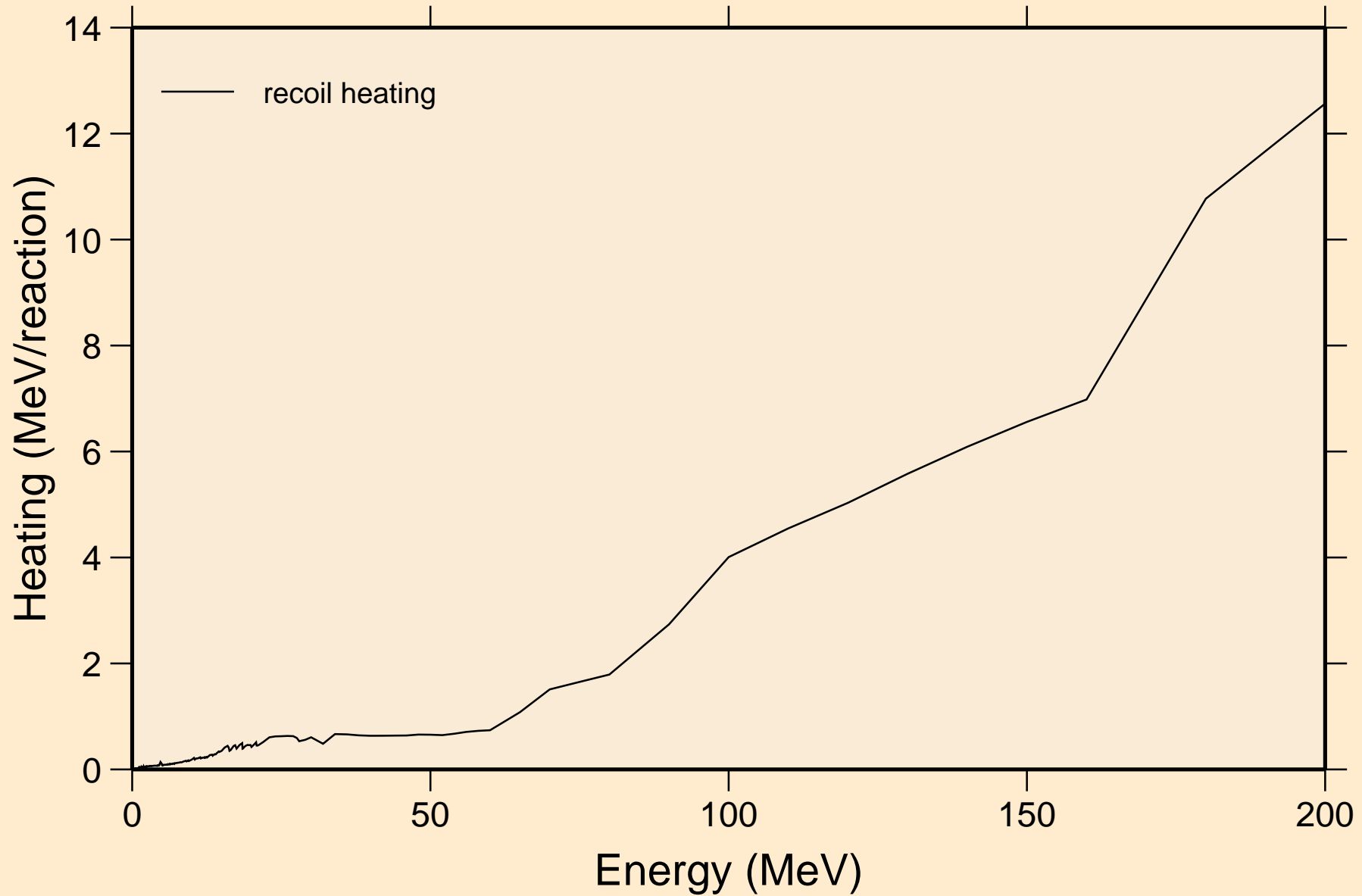


# FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

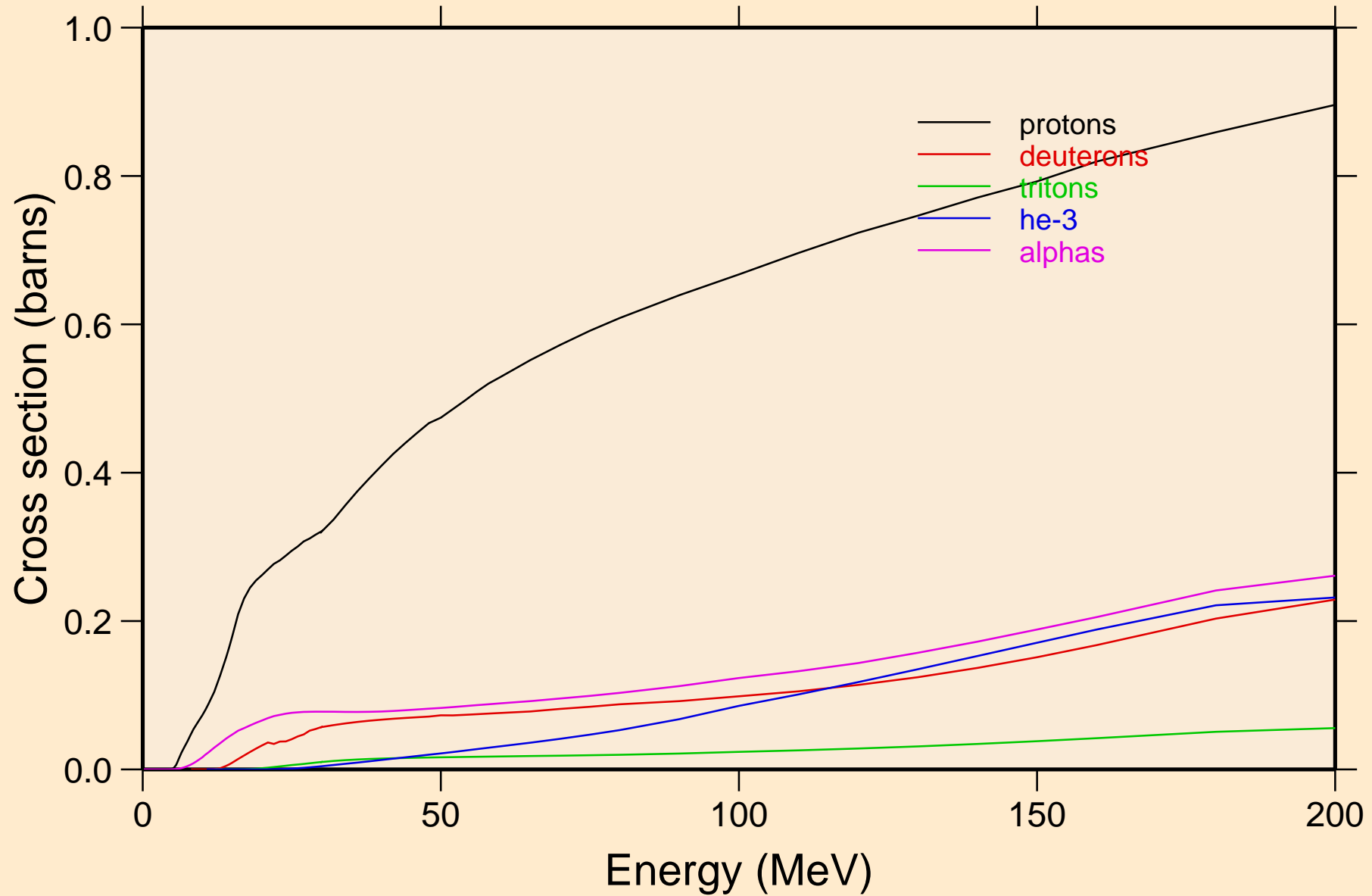
## Particle heating contributions



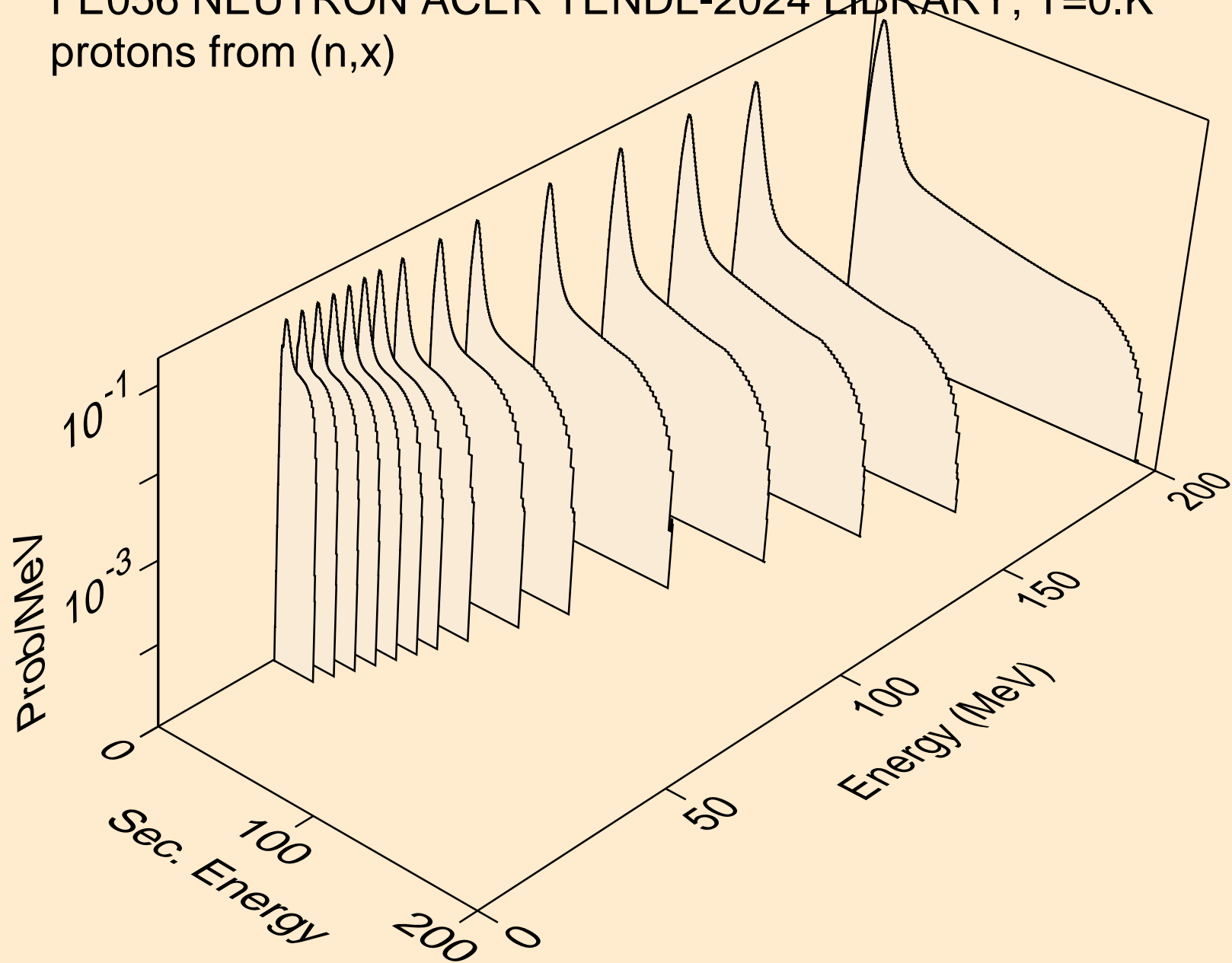
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Recoil Heating



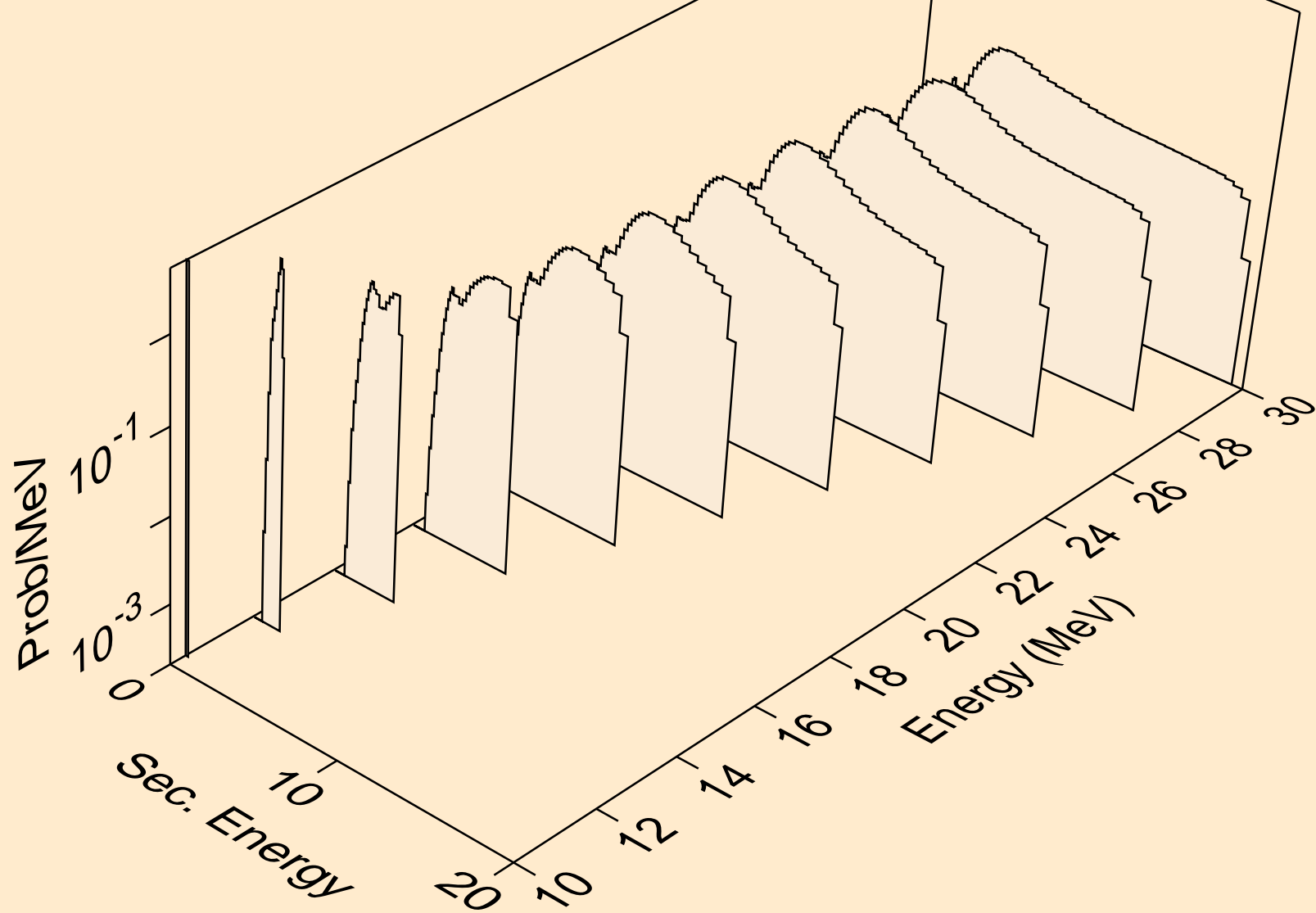
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Particle production cross sections



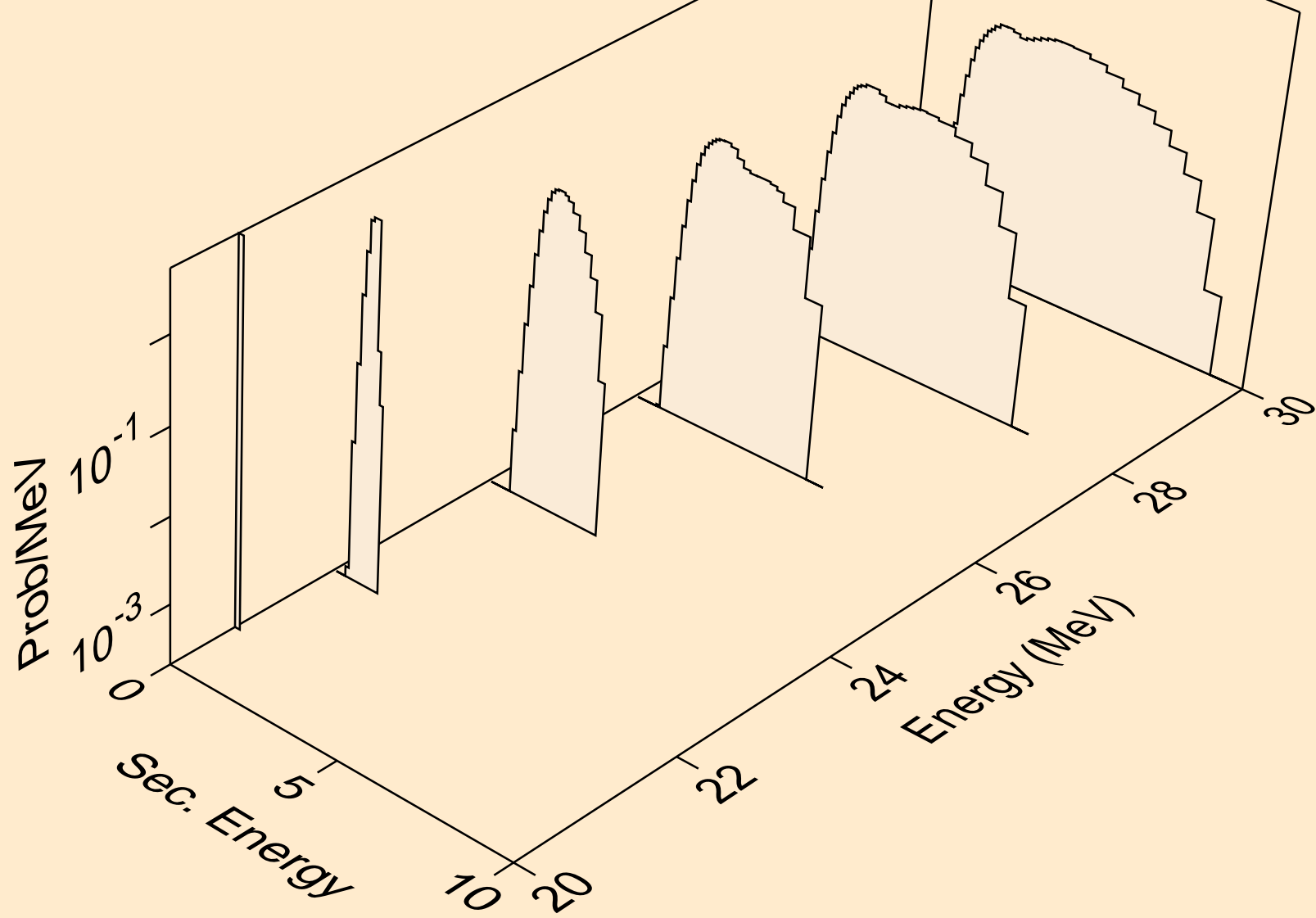
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



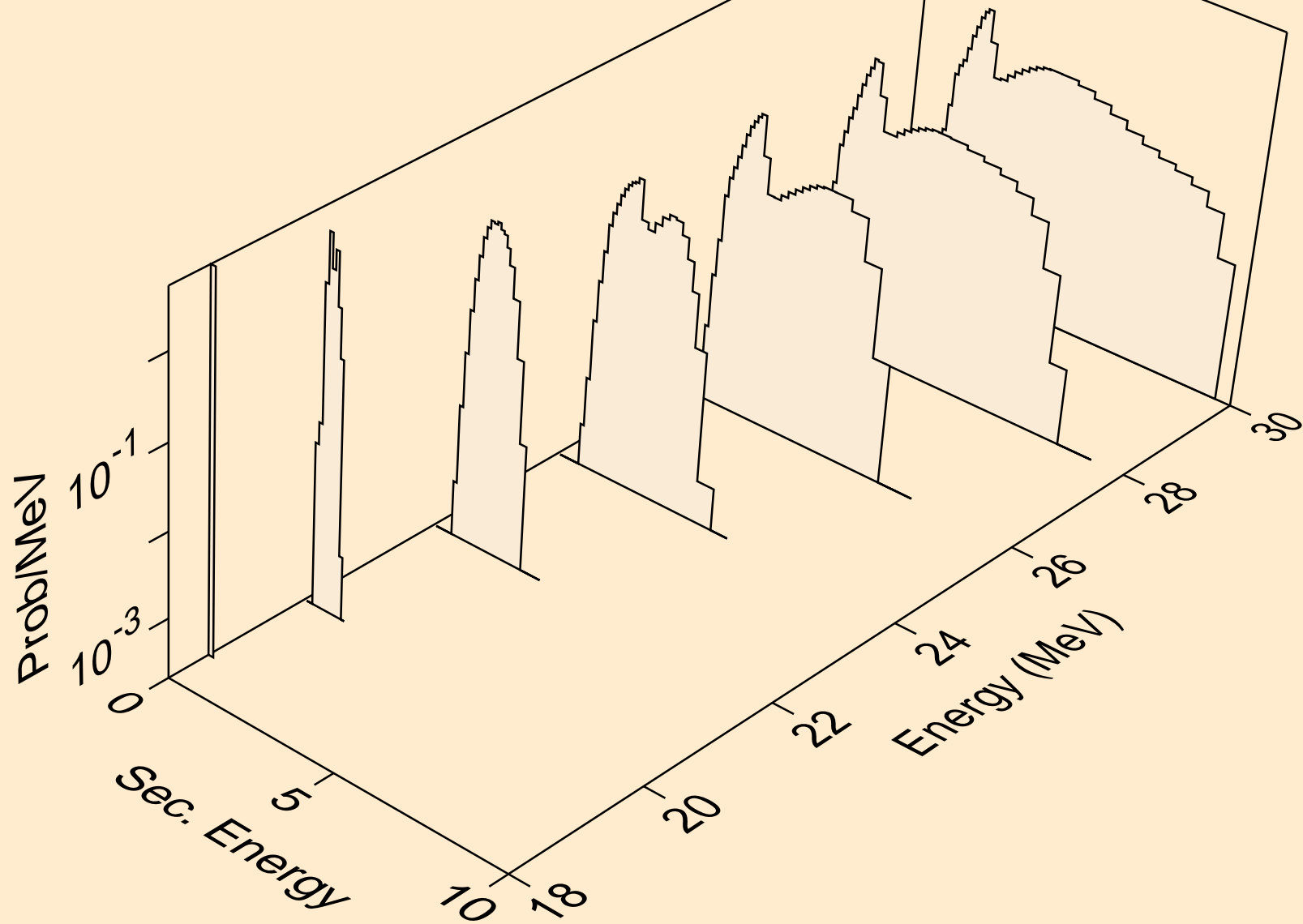
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



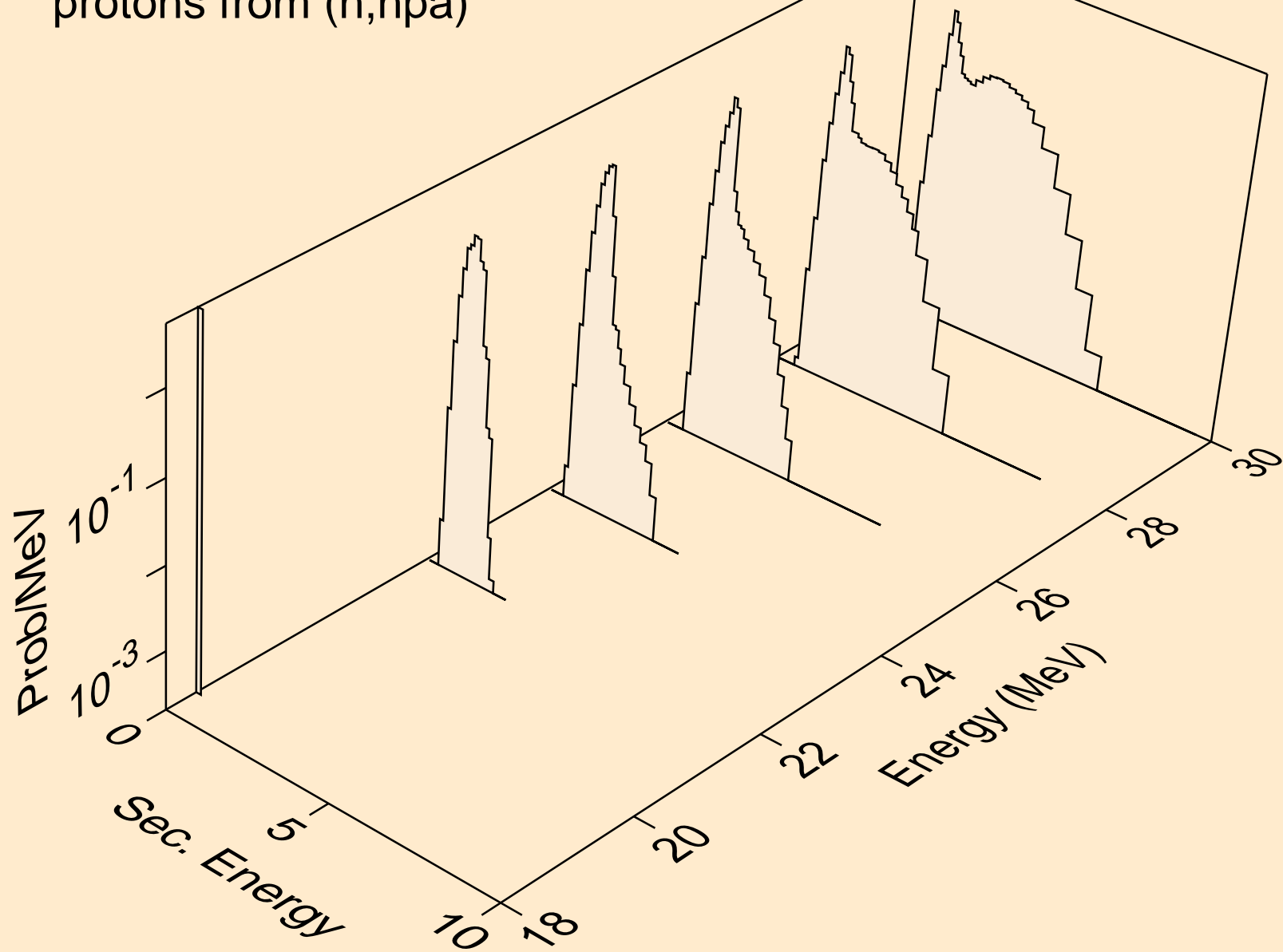
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

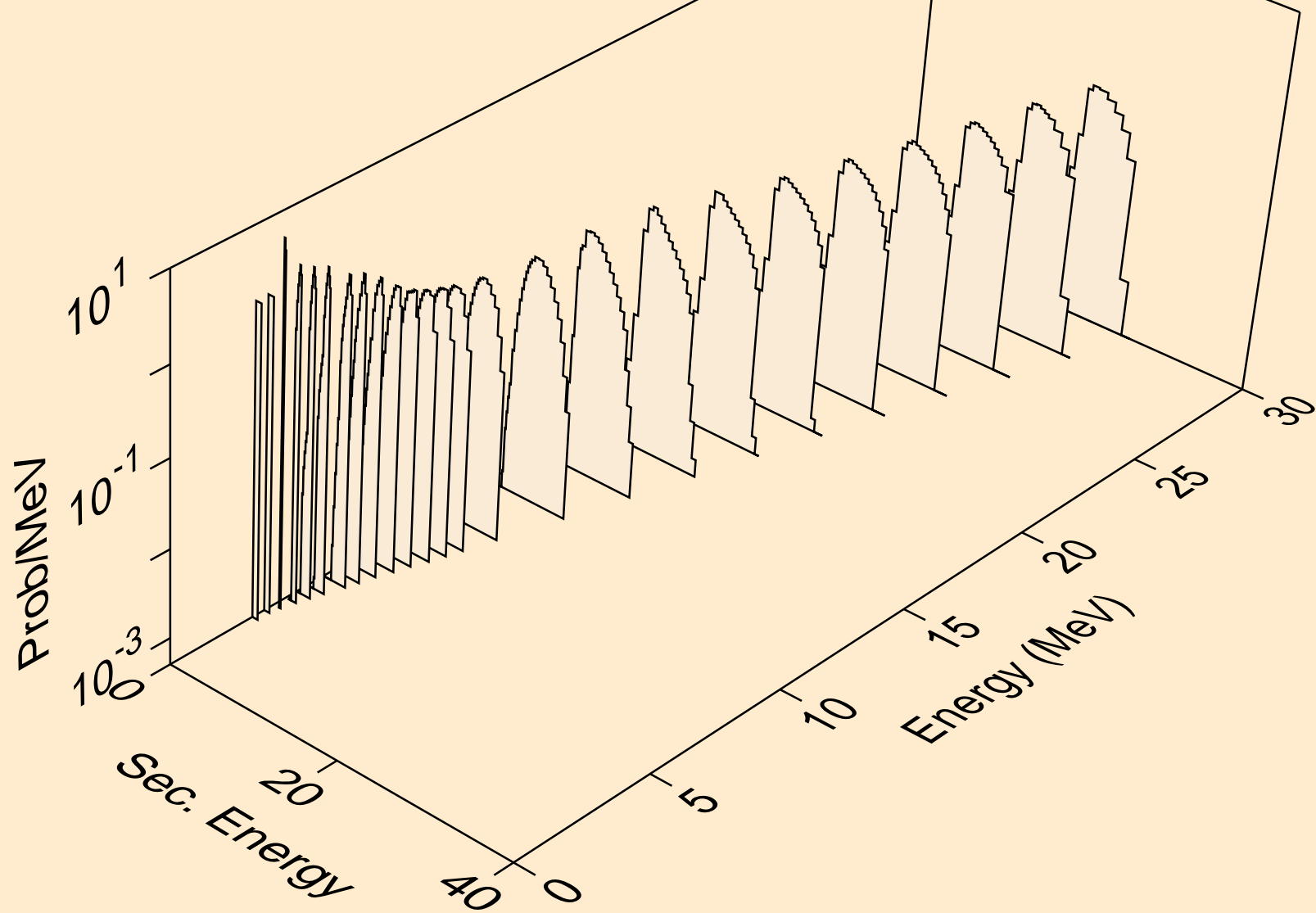


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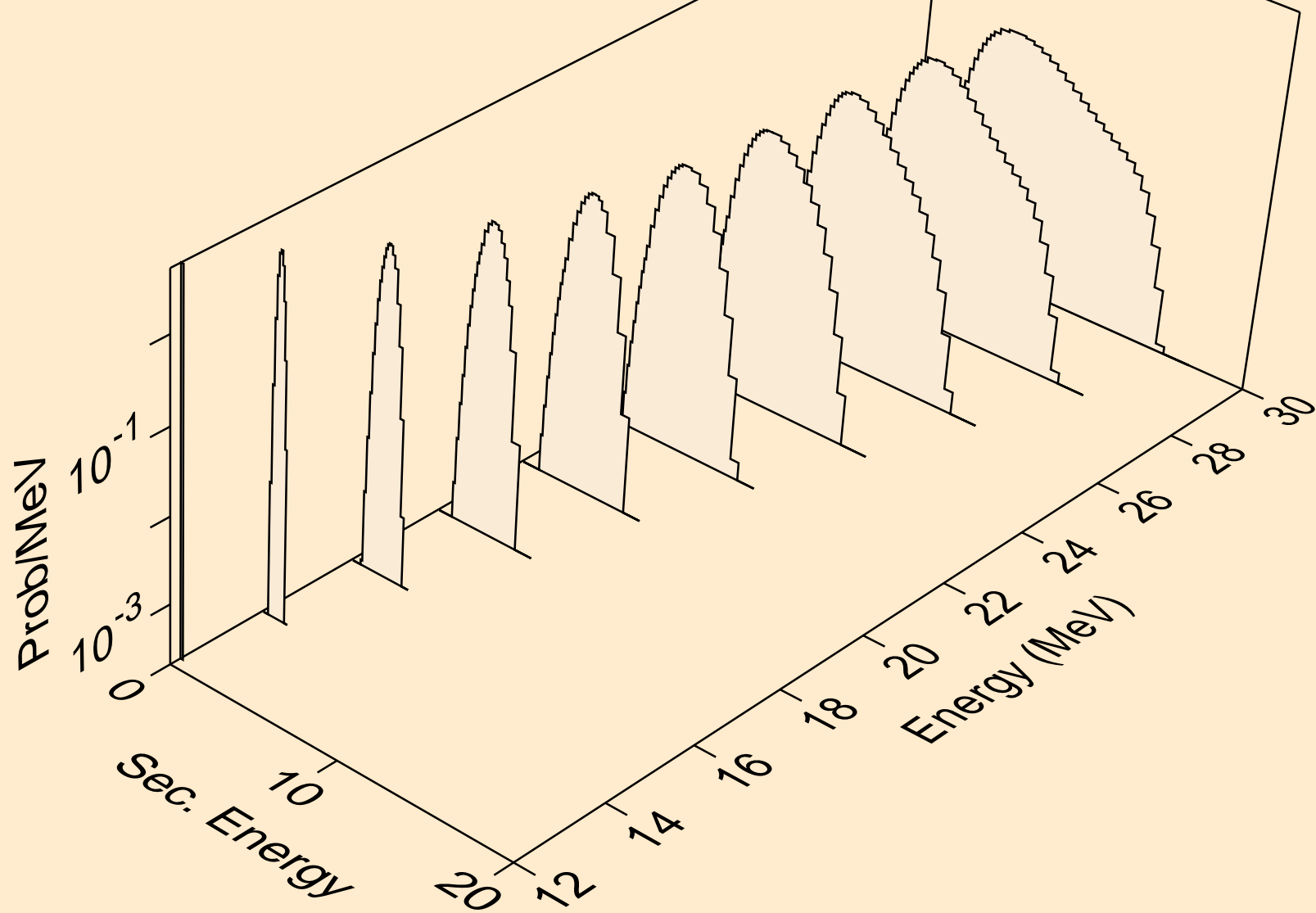




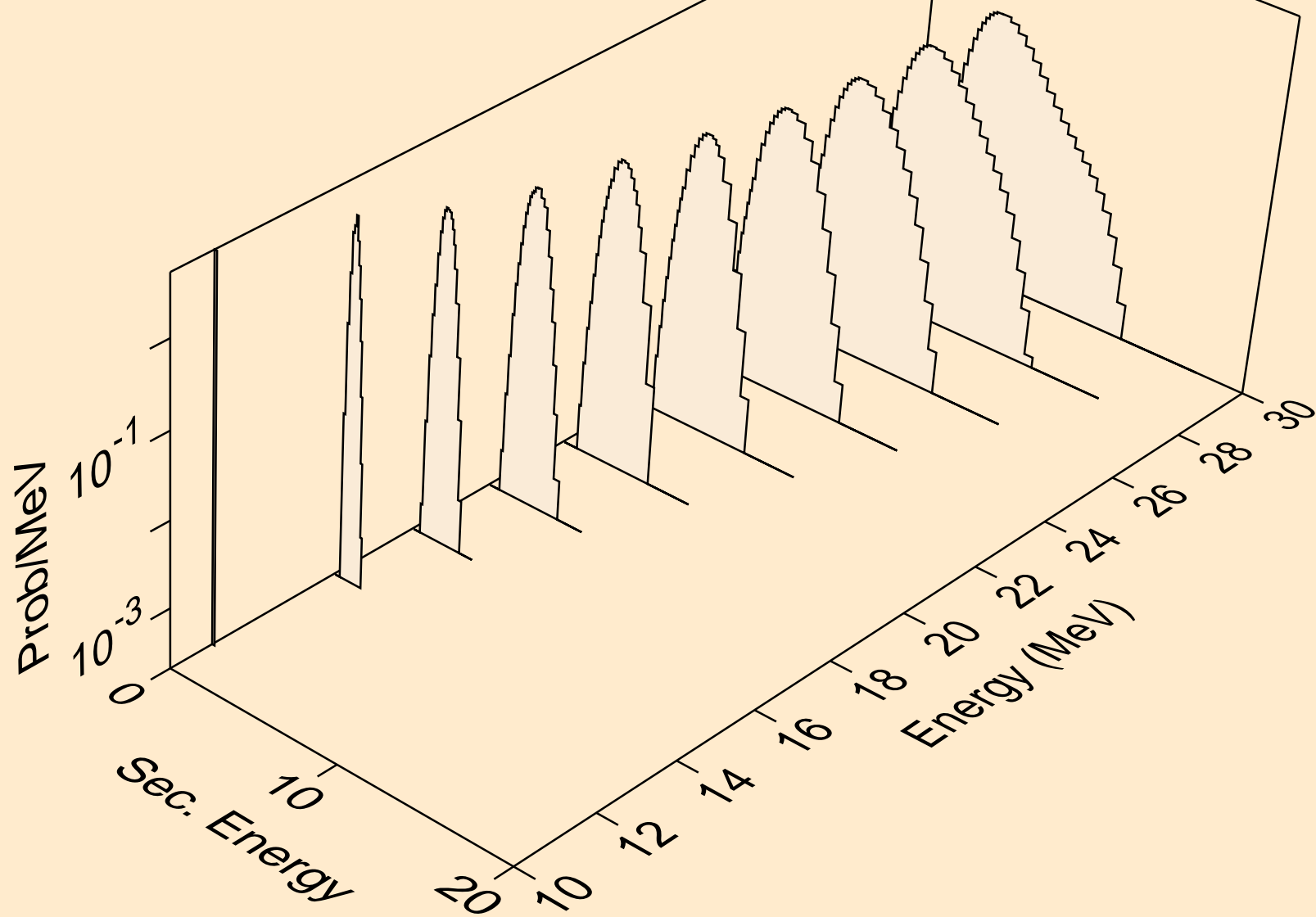
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protons from (n,p)



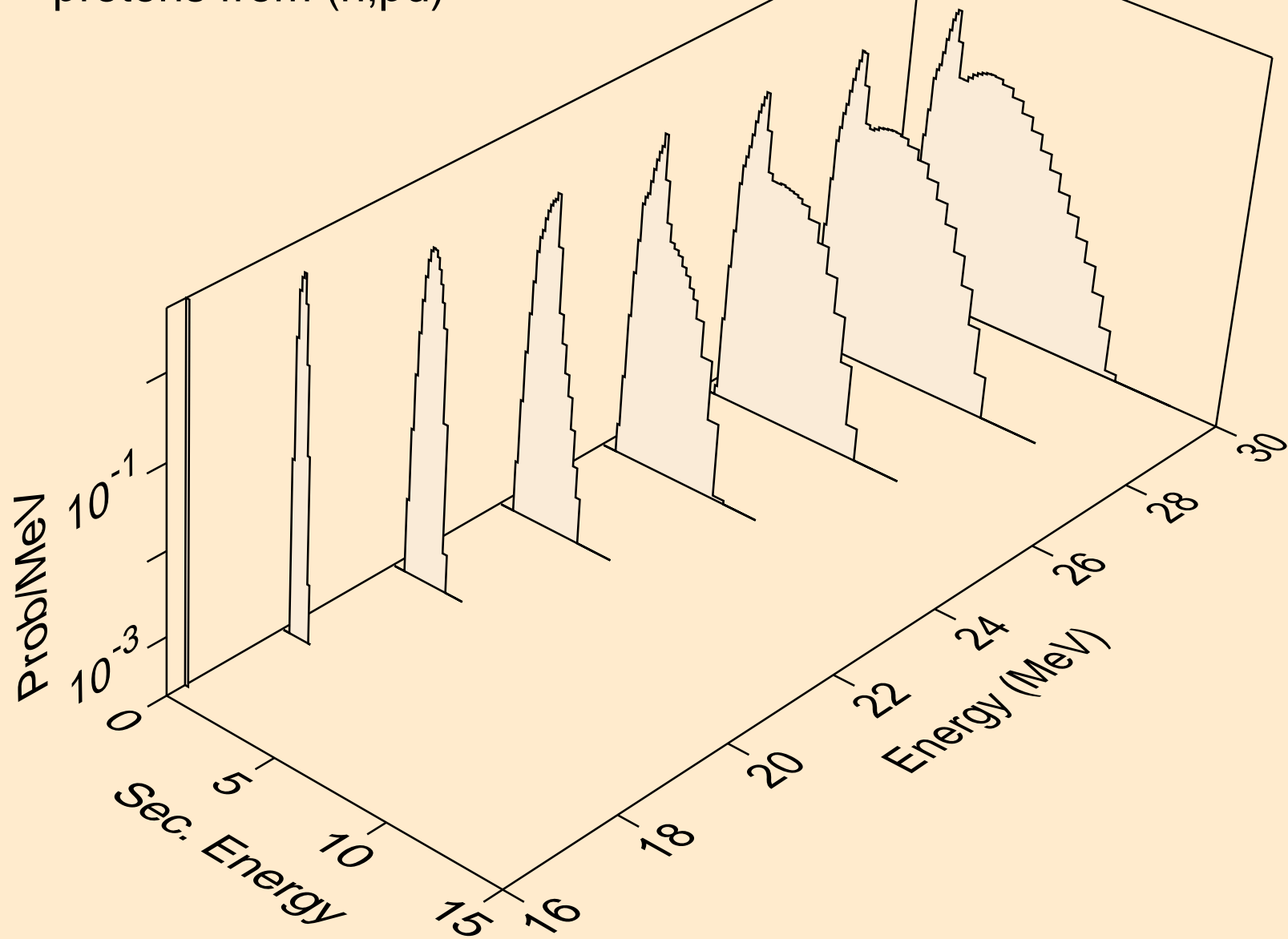
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protons from (n,2p)



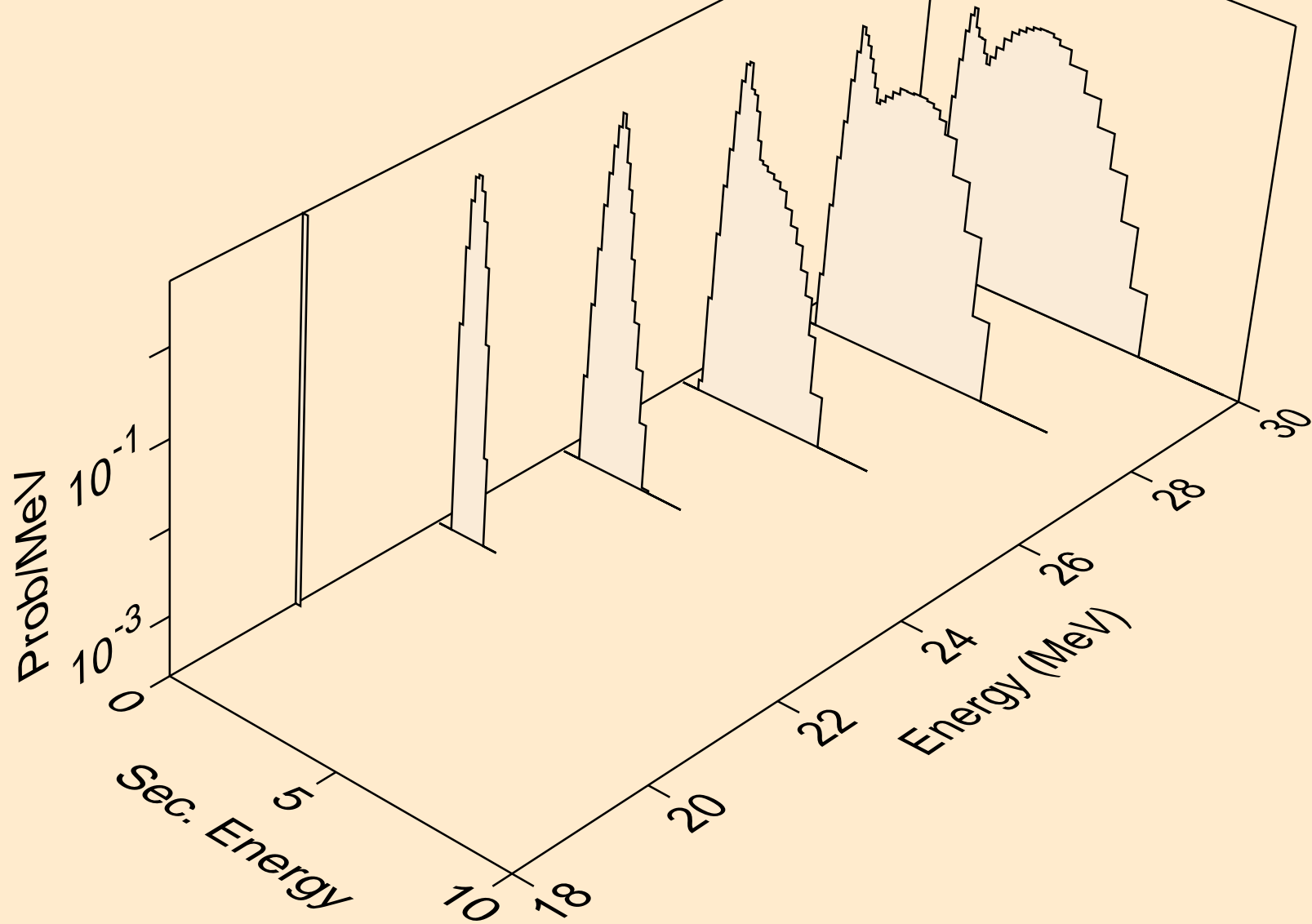
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protons from (n,p)



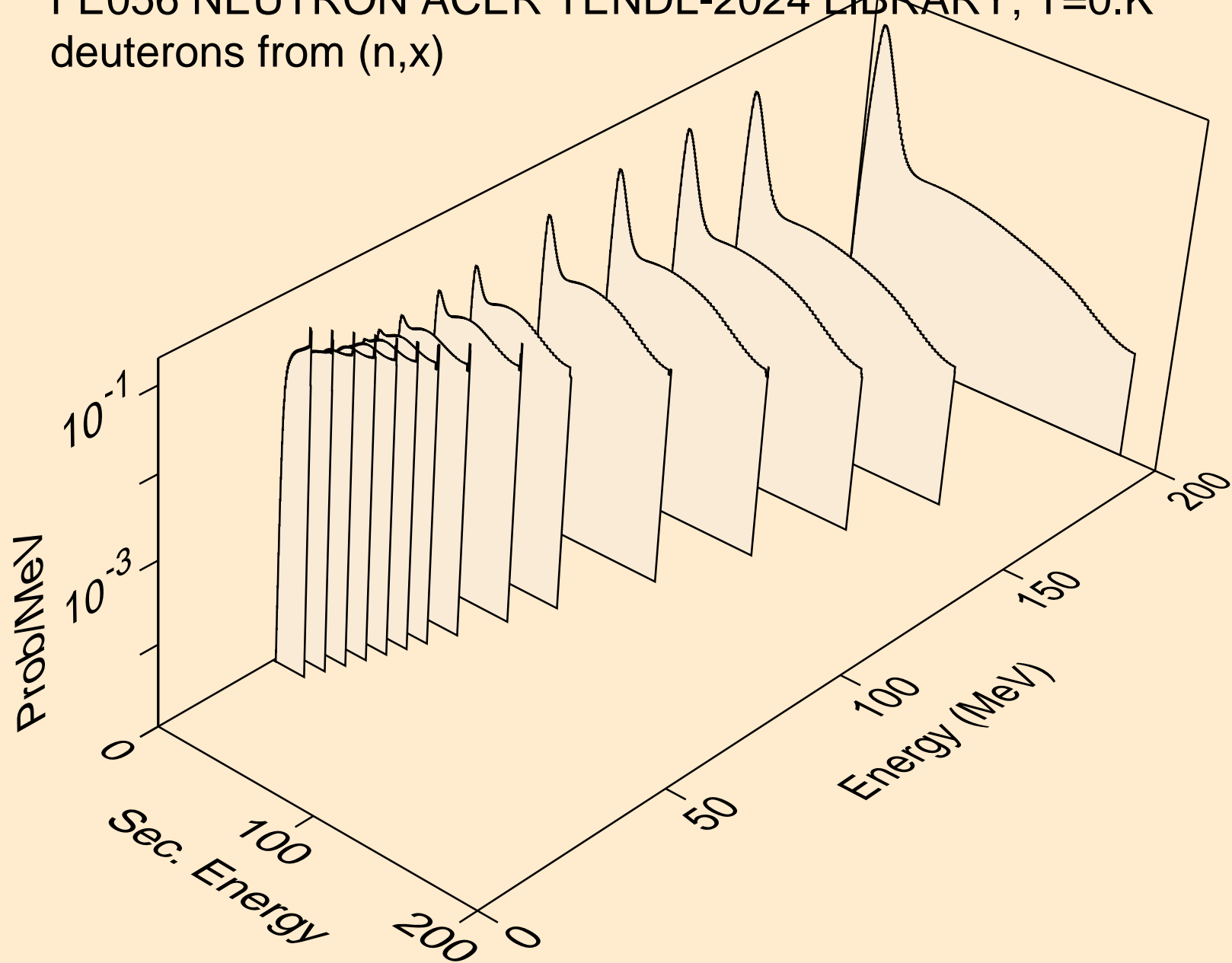
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protons from (n,pd)



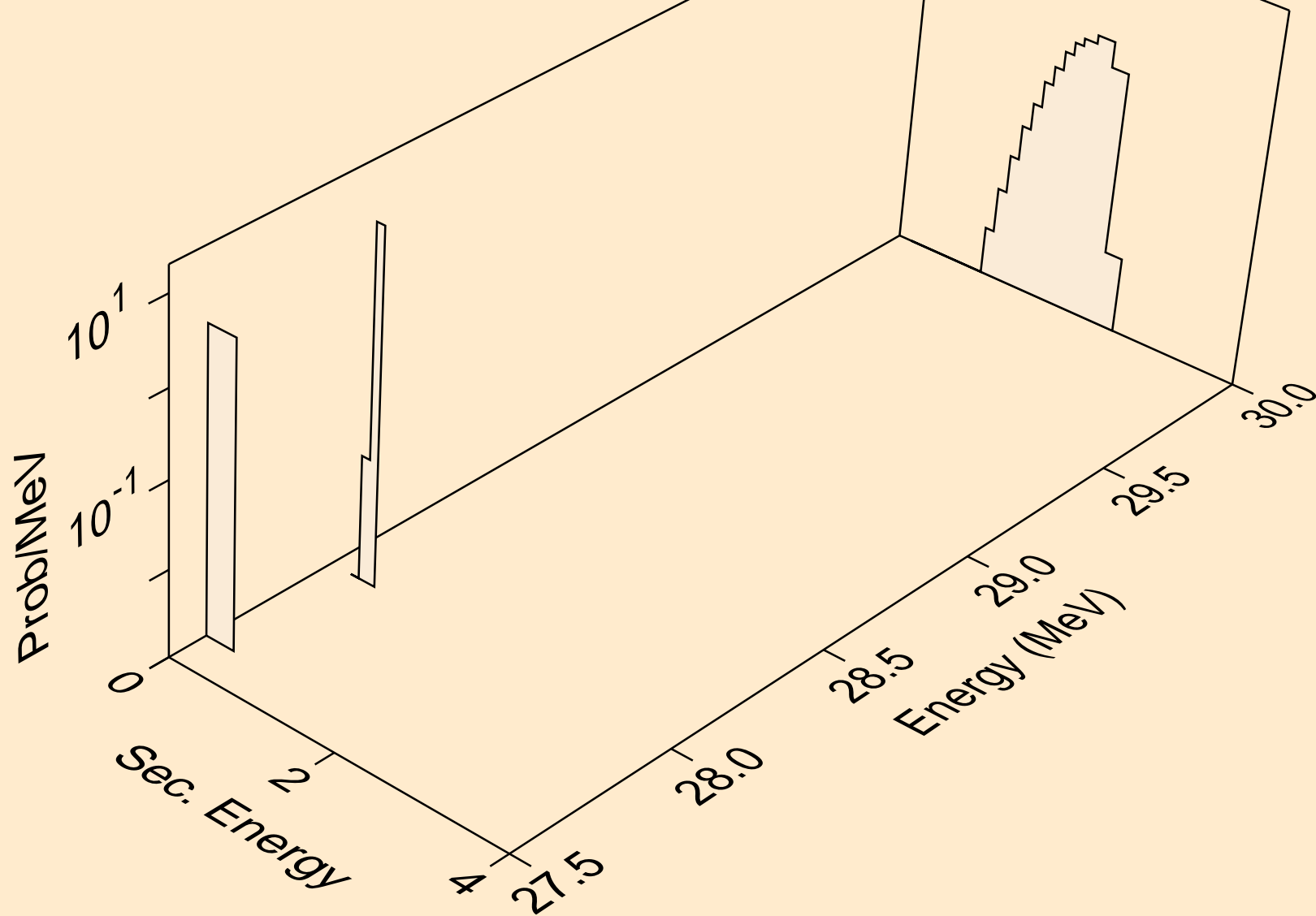
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protons from (n,pt)



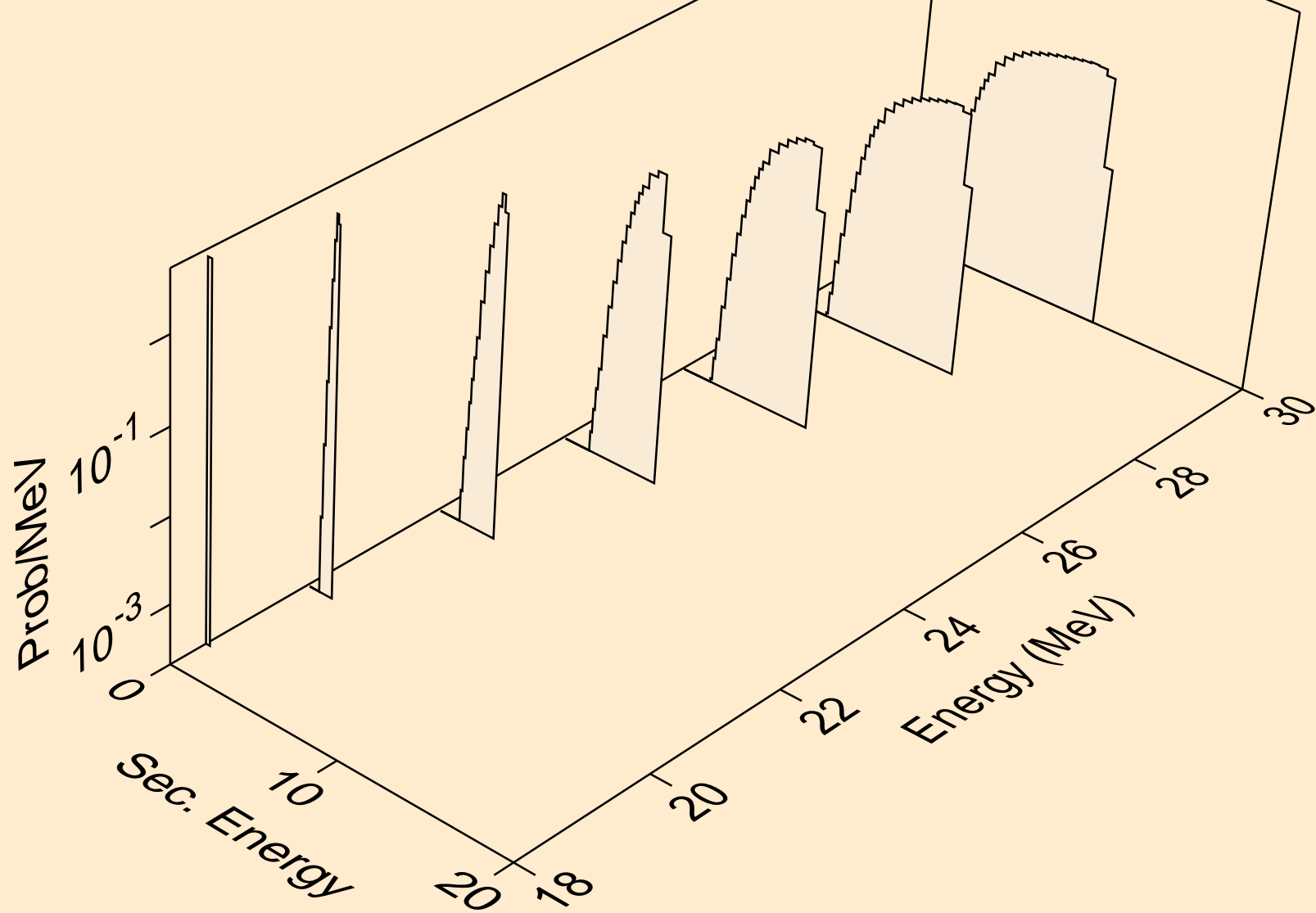
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

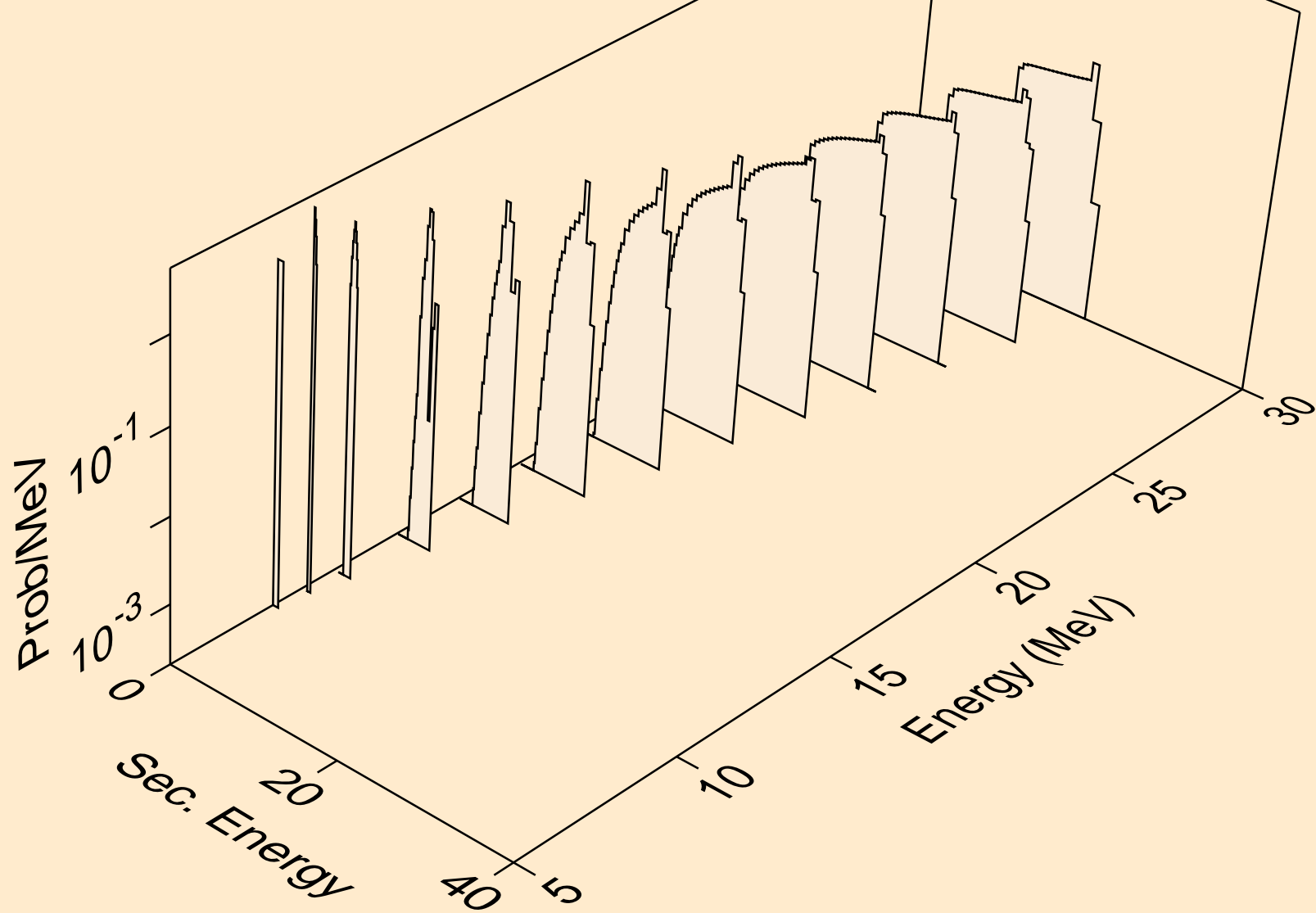


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deuterons from (n,n\*)d

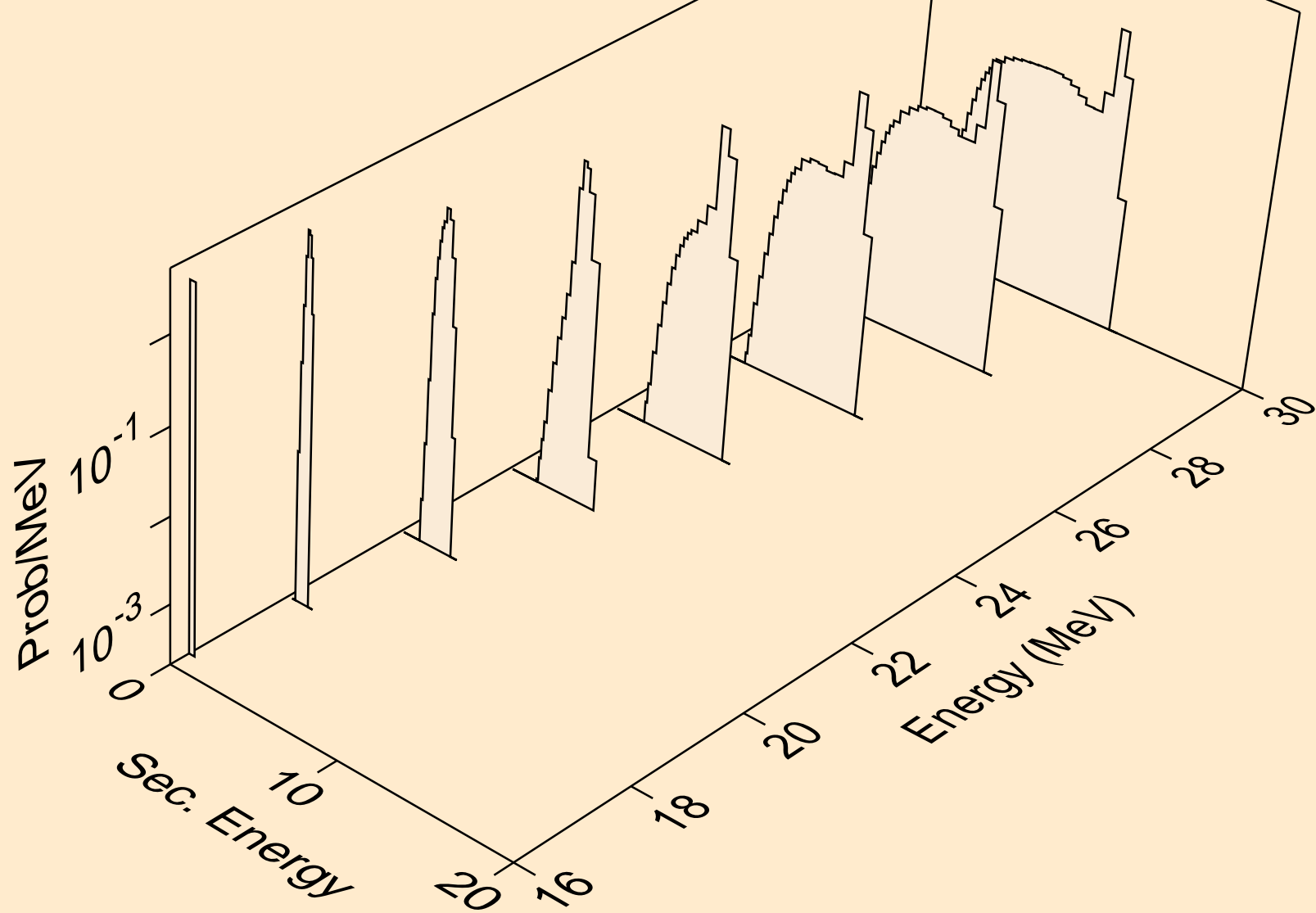




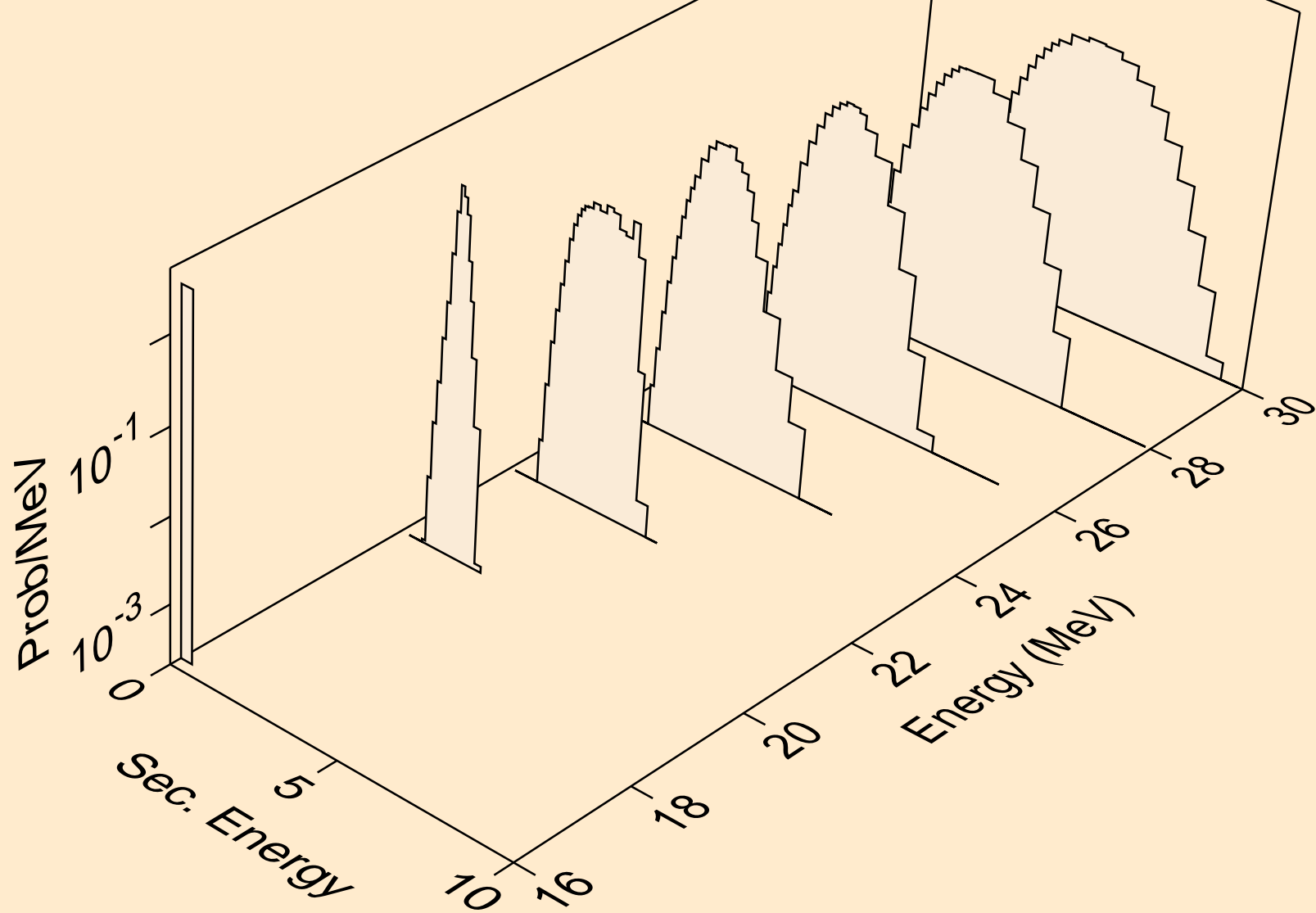
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deuterons from (n,d)



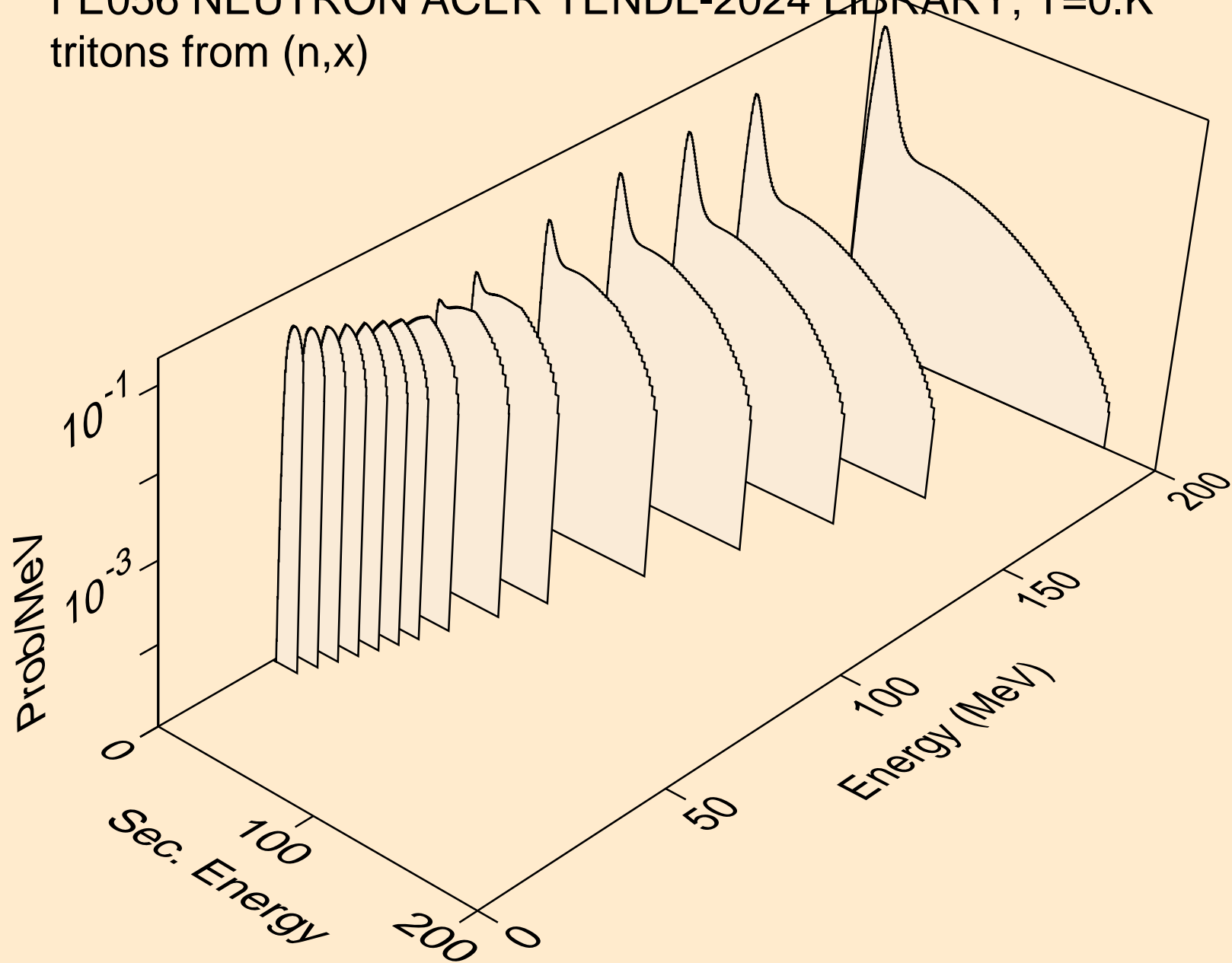
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deuterons from (n,pd)



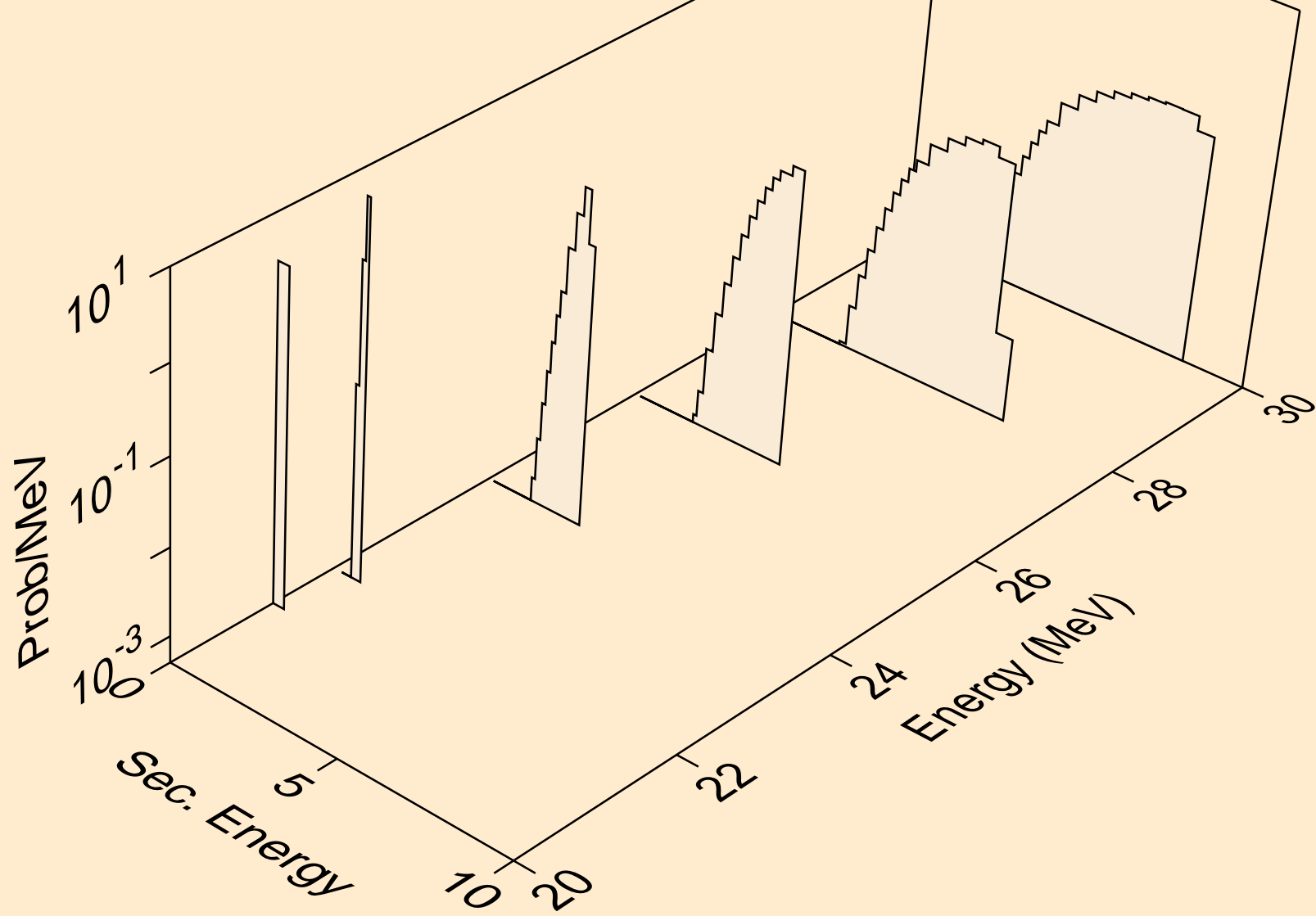
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deuterons from (n,da)



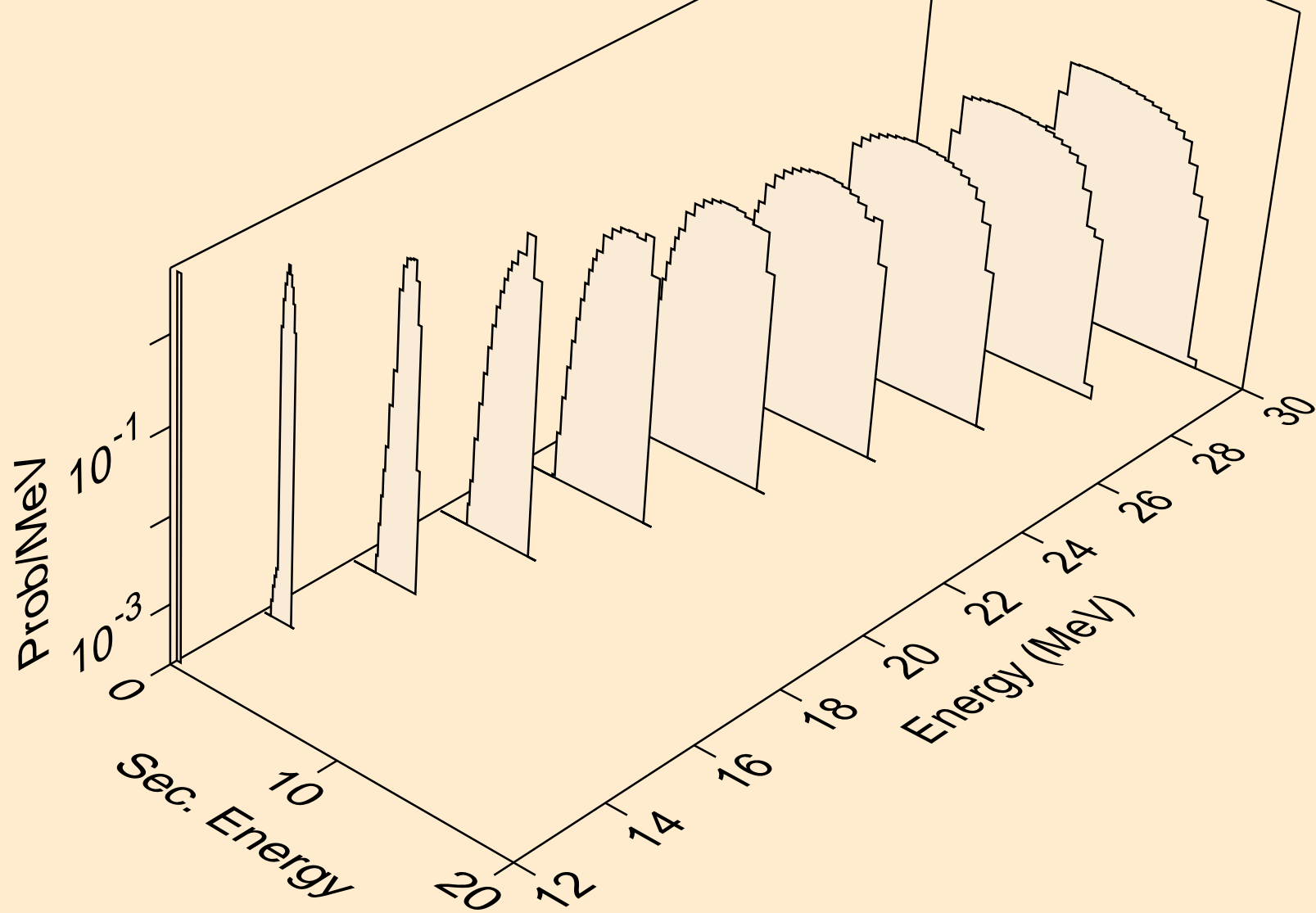
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



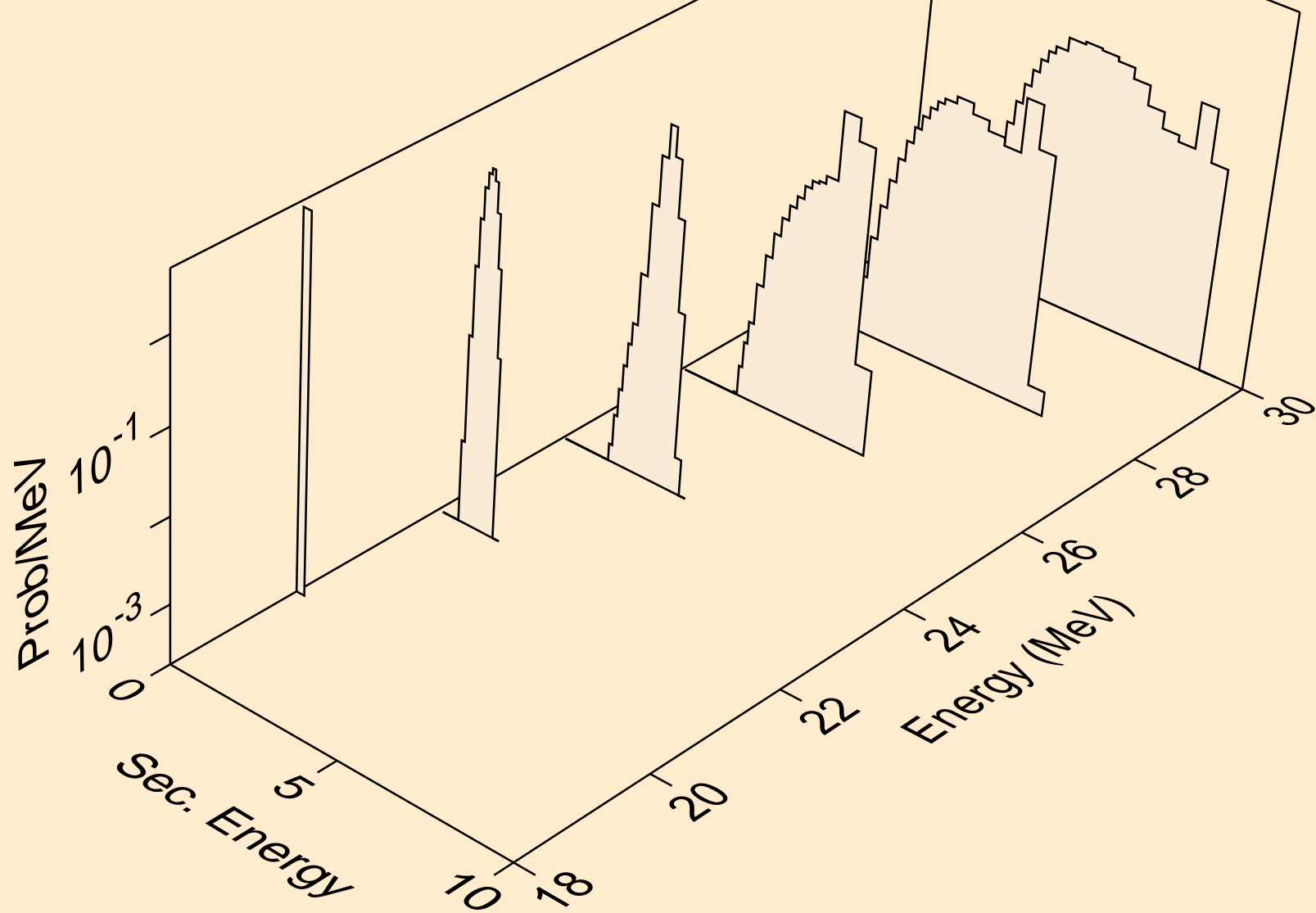
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



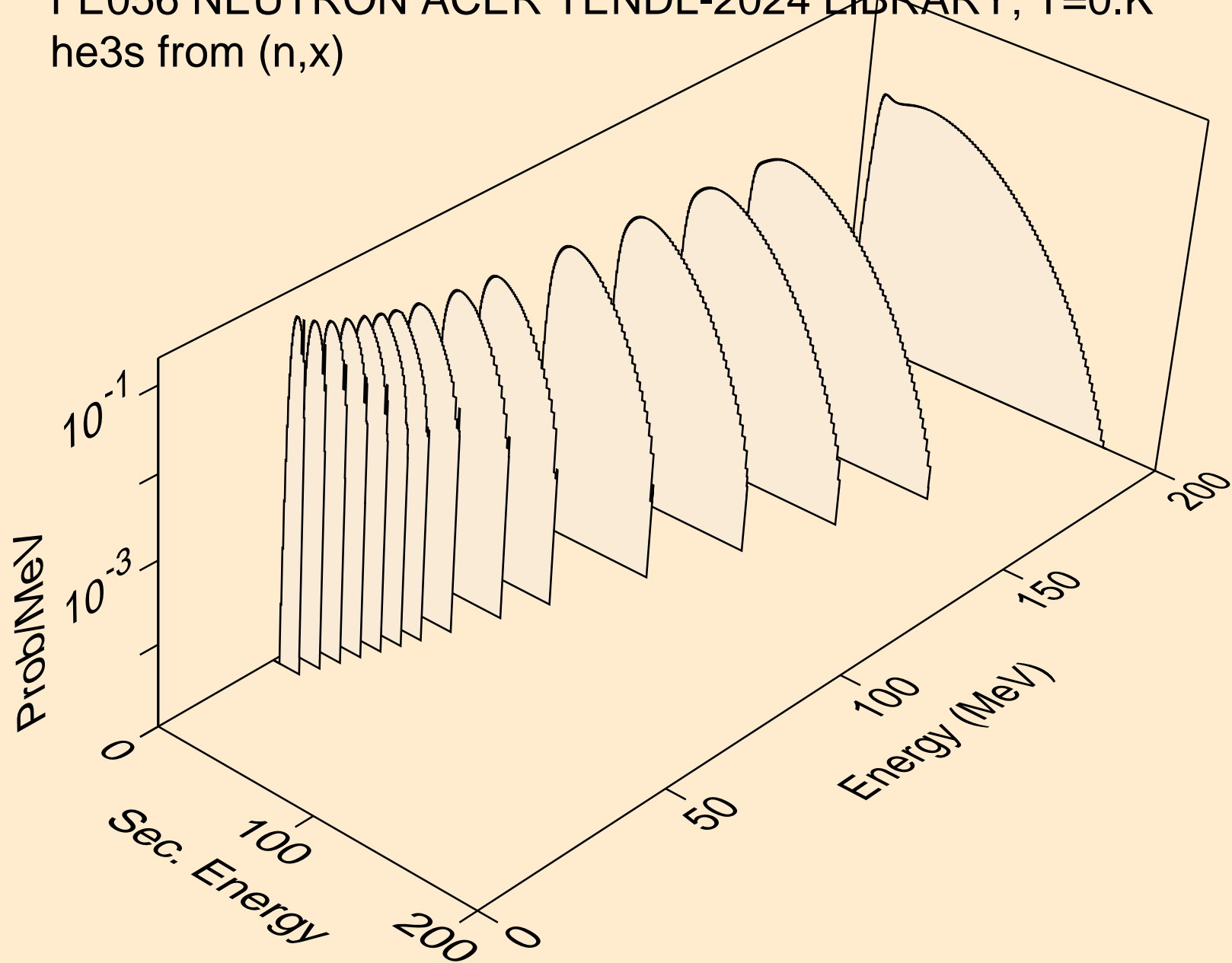
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

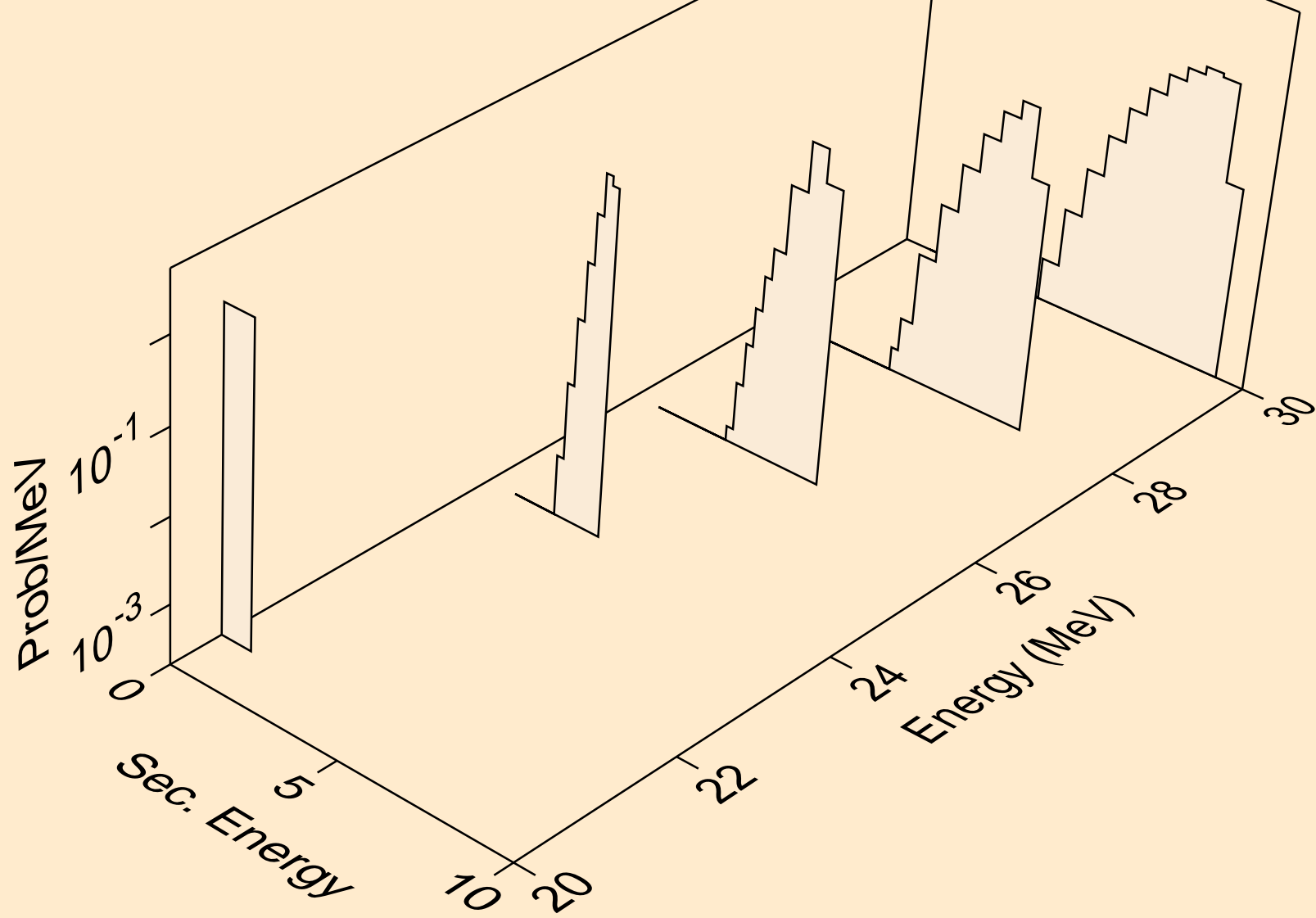


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

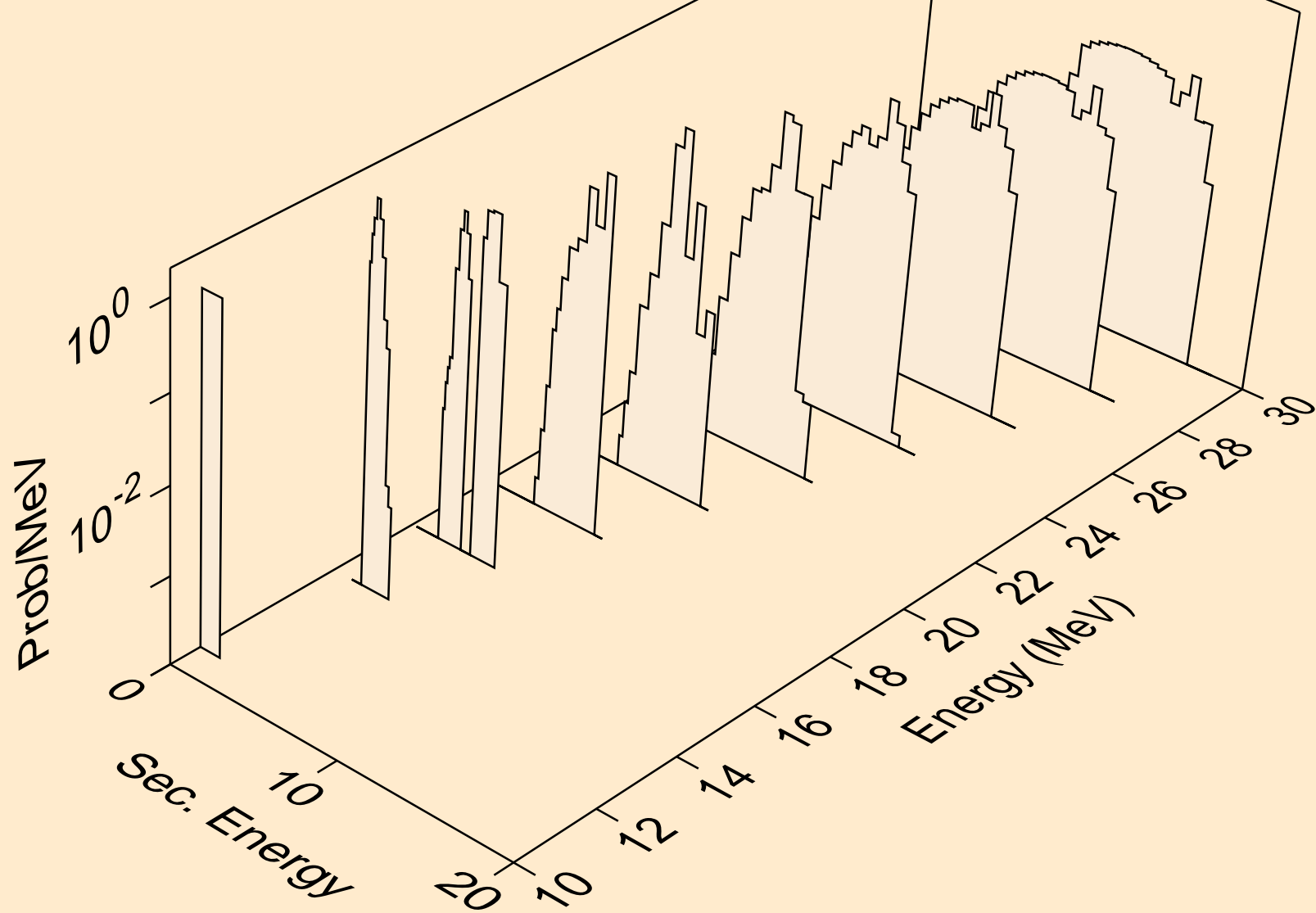




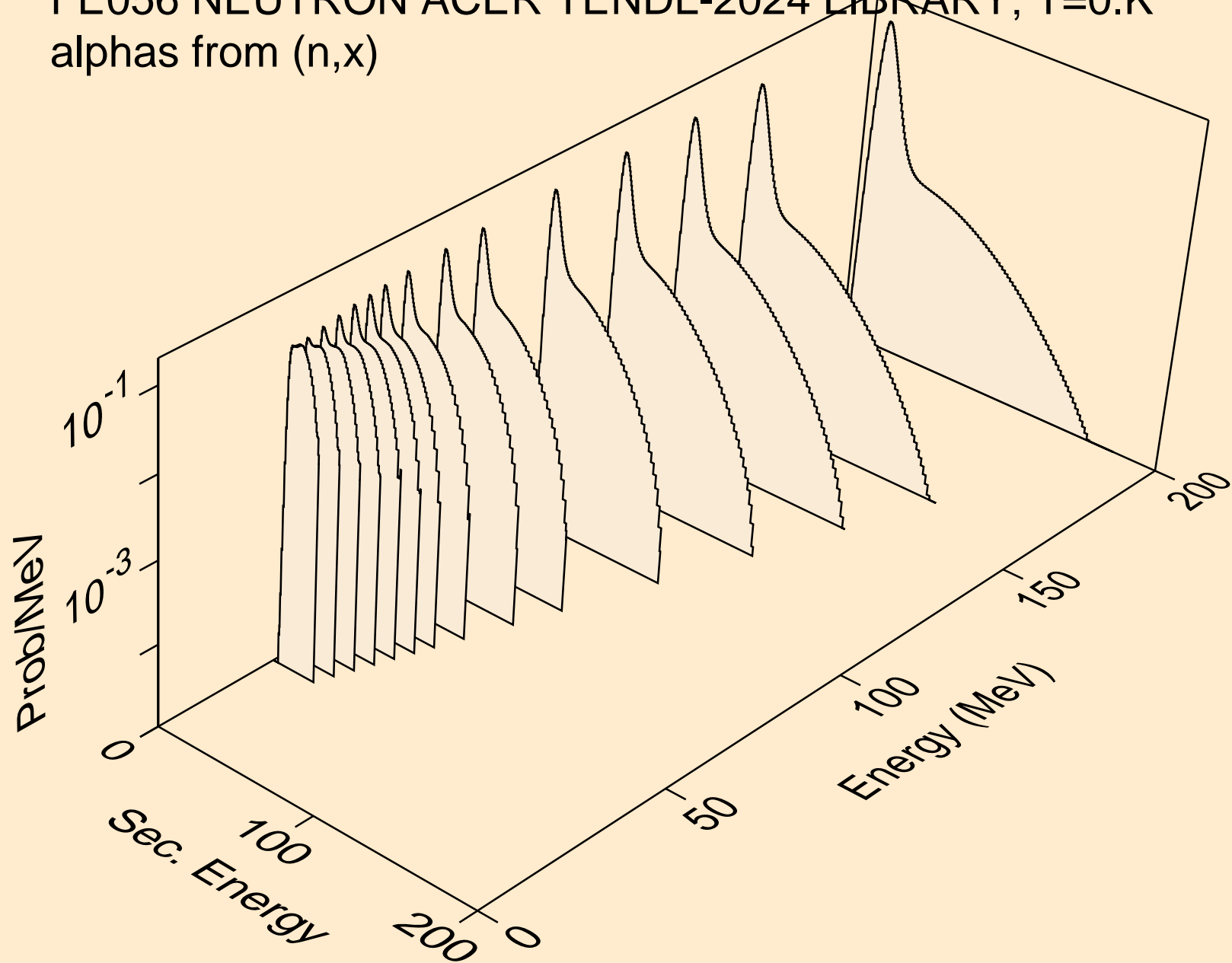
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he3s from (n,n\*)he3



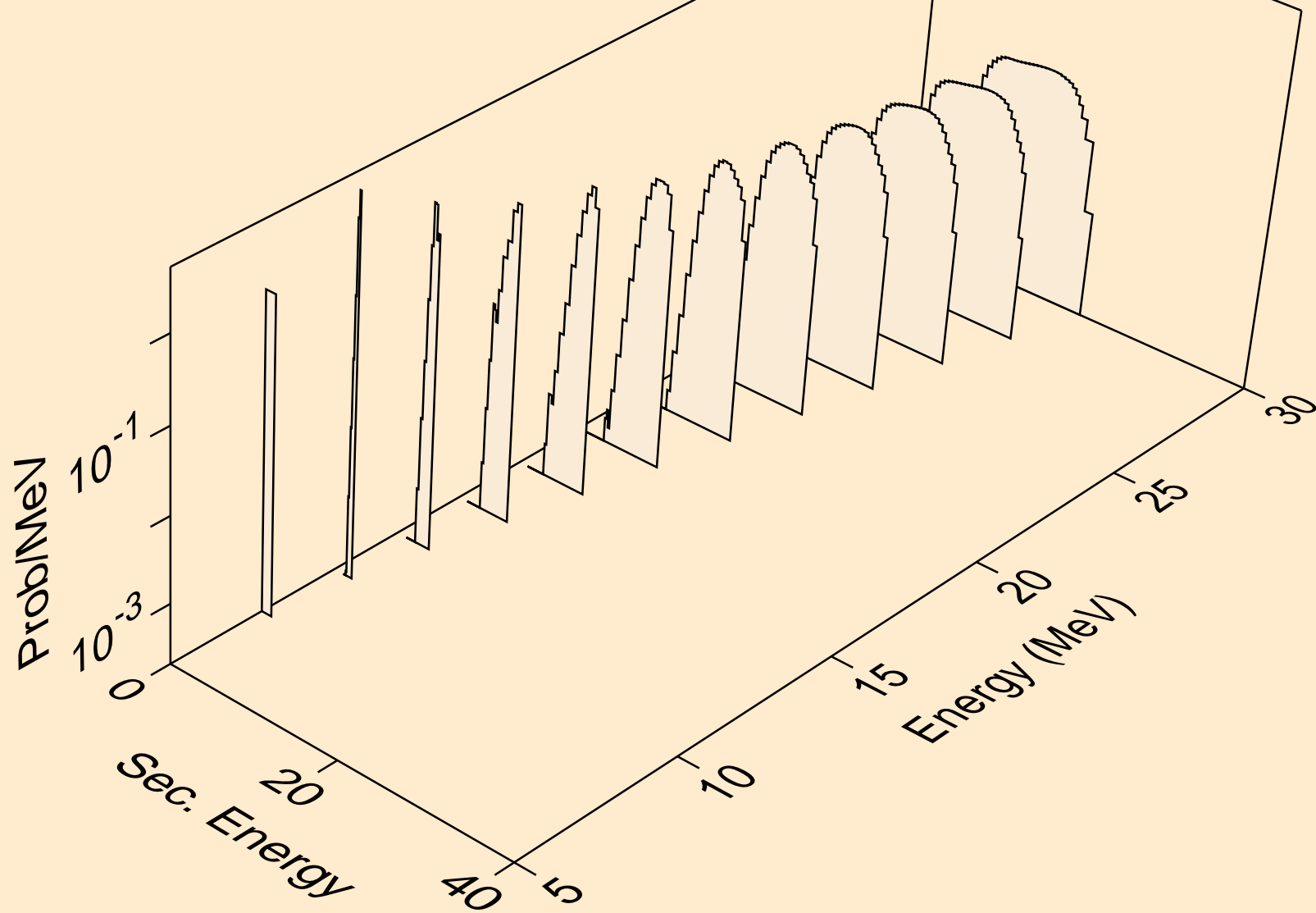
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he3s from (n,he3)



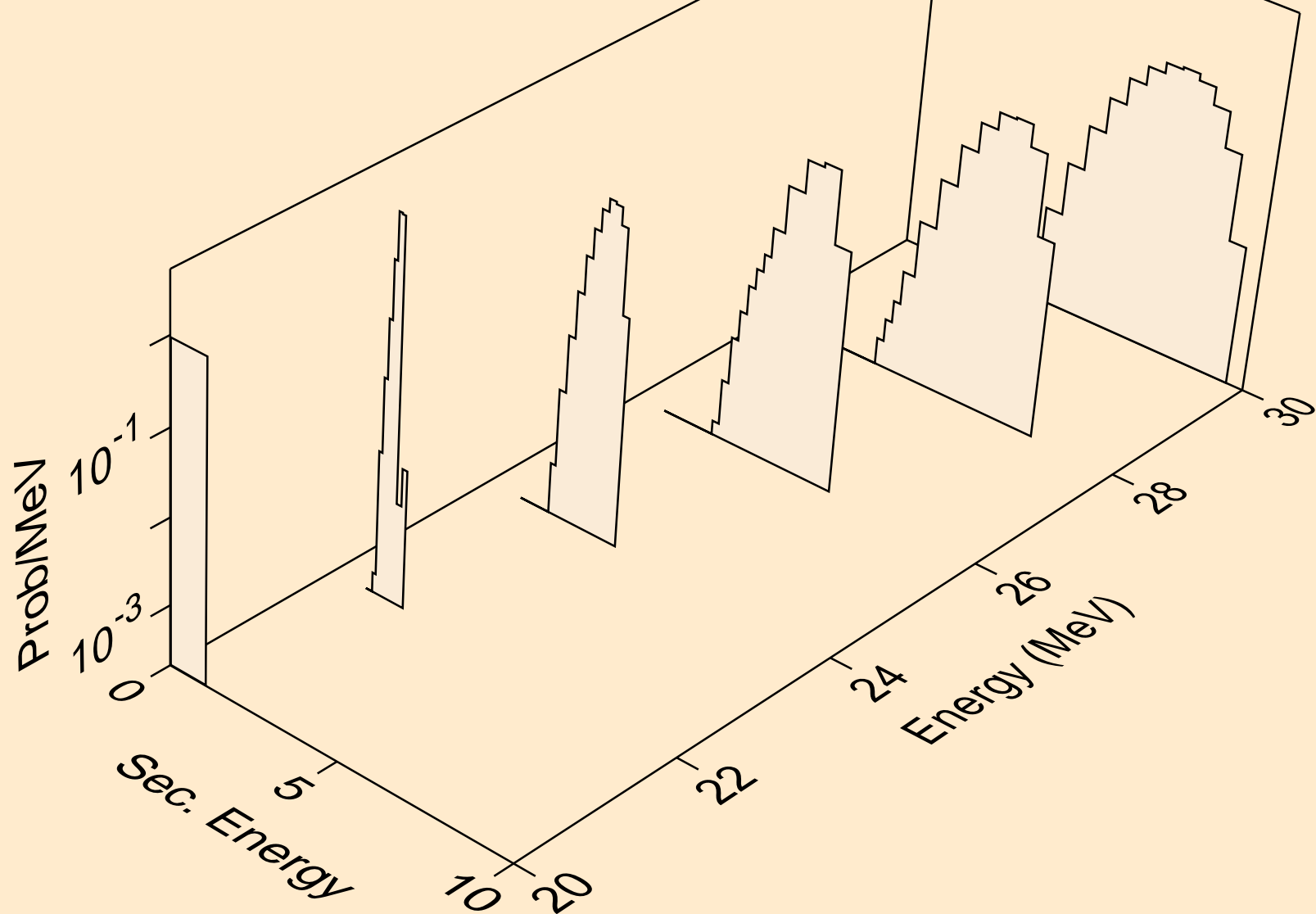
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alphas from (n,x)



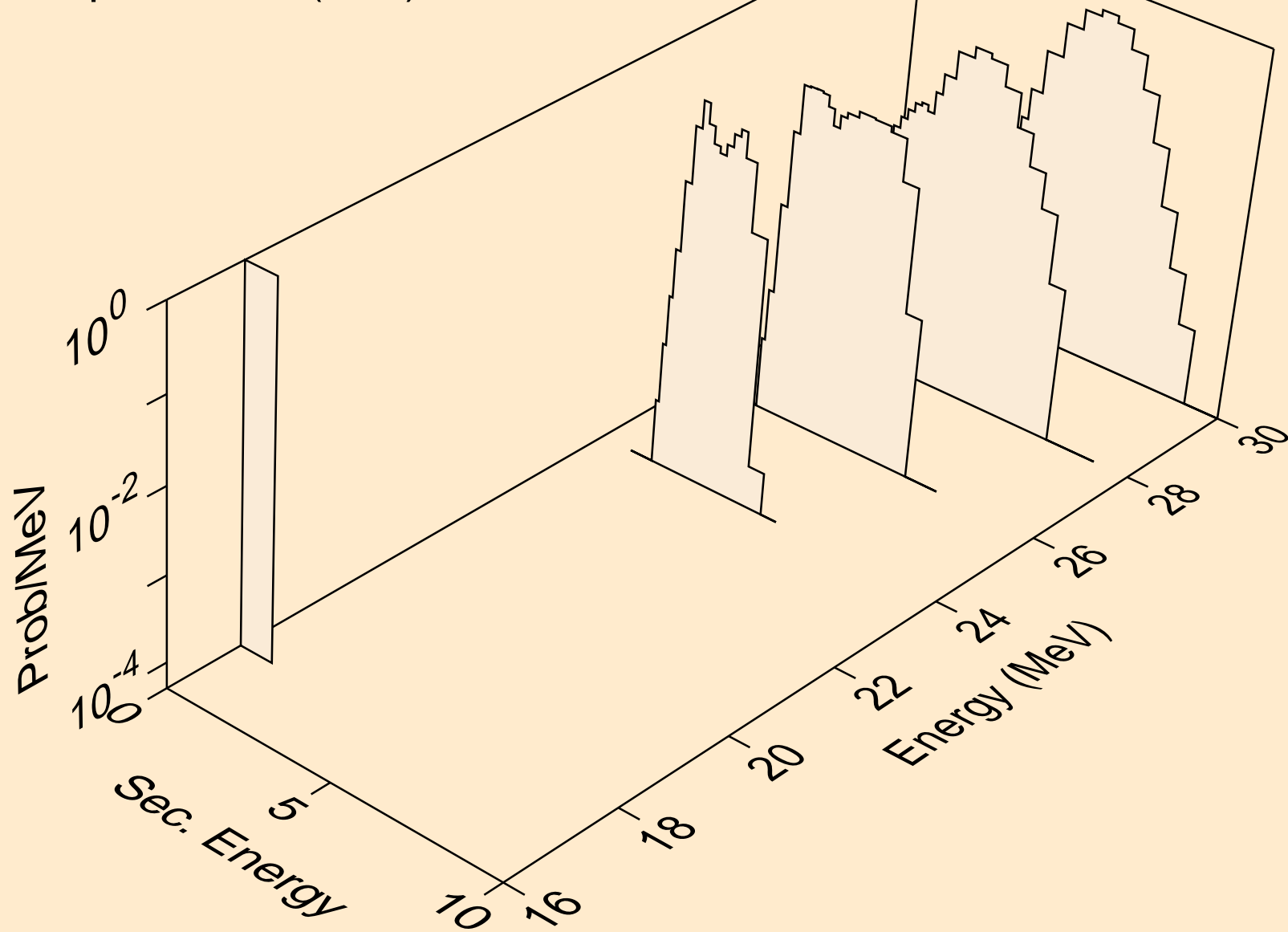
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alphas from (n,n\*)a



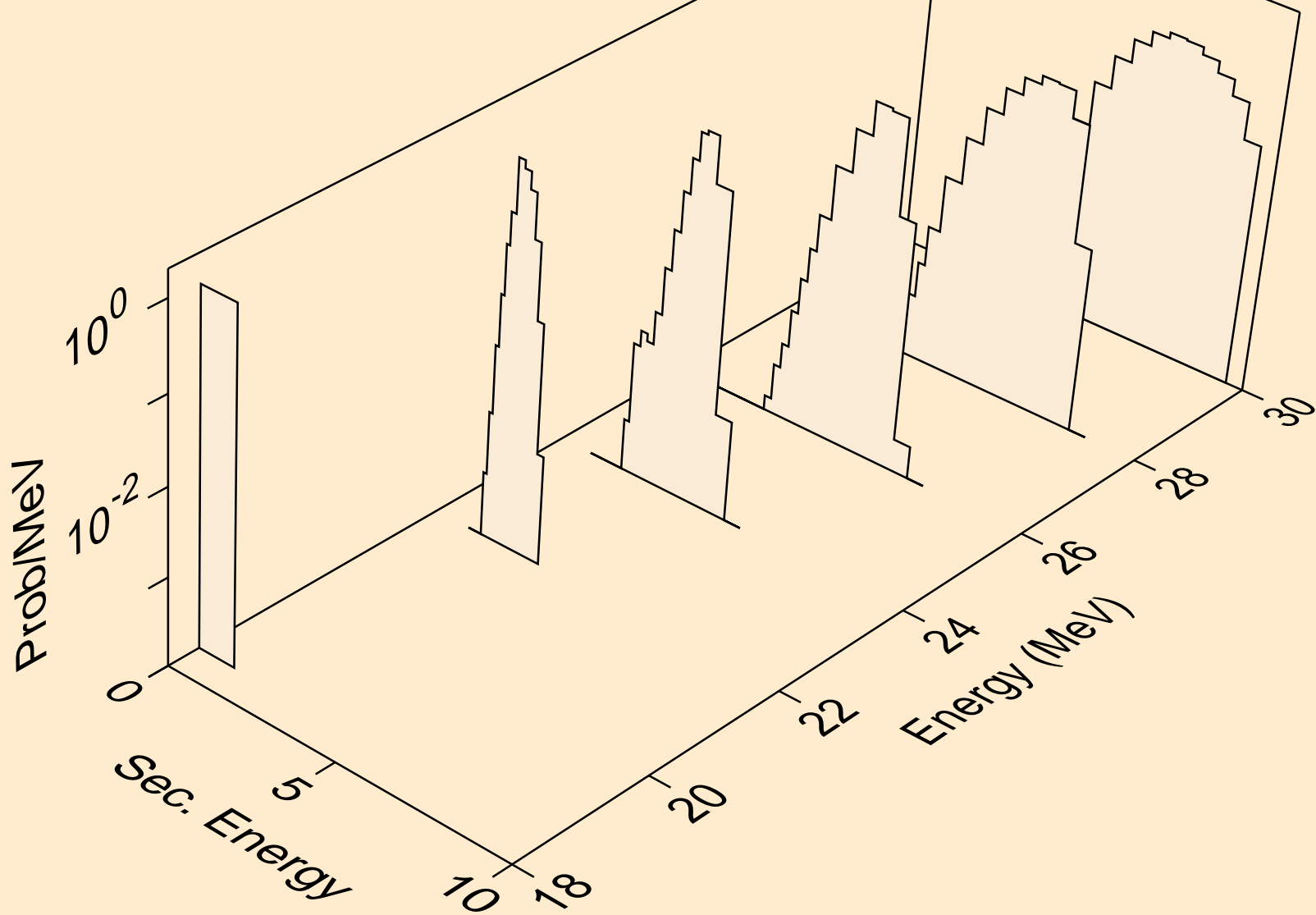
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alphas from (n,2n)a



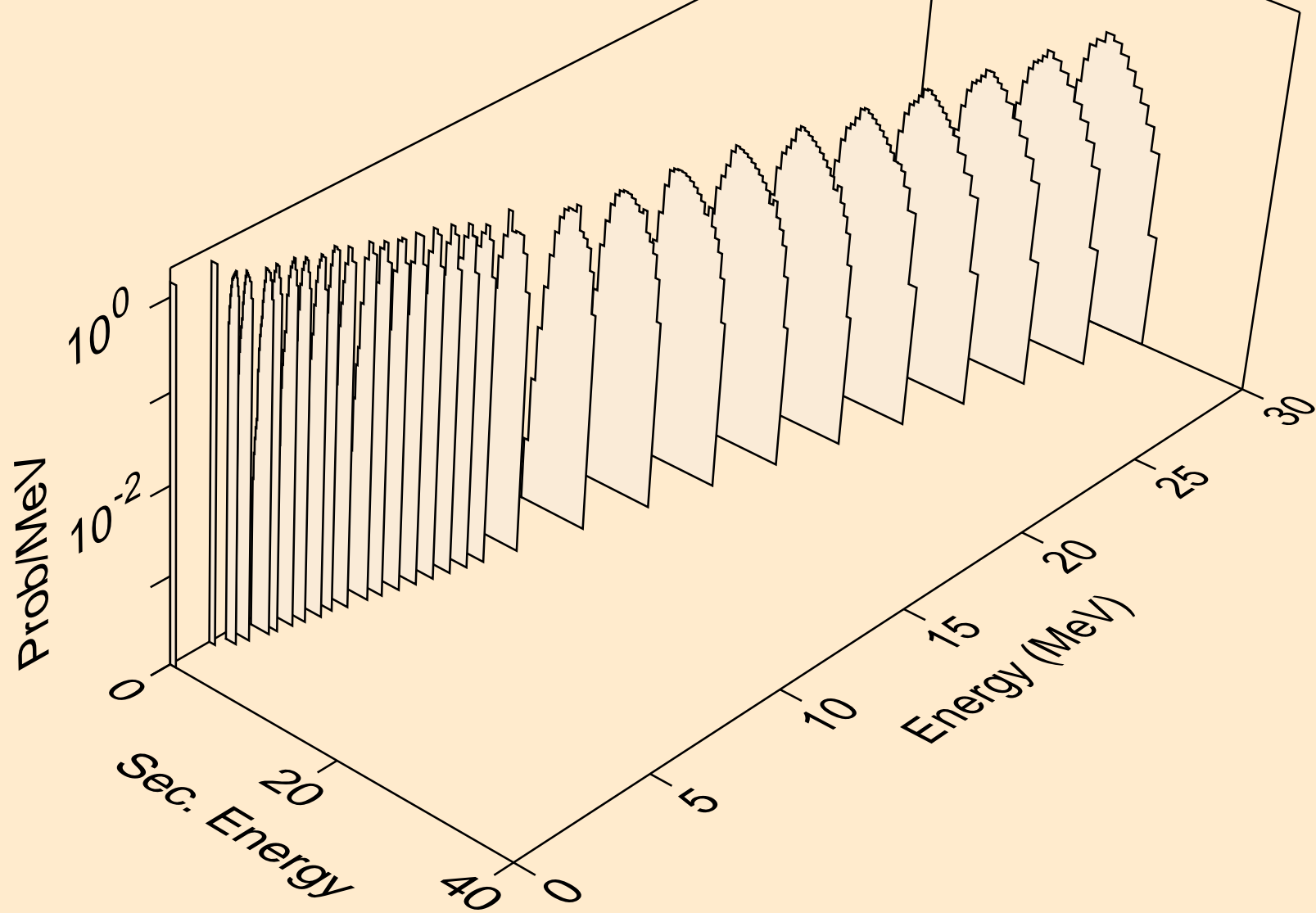
FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

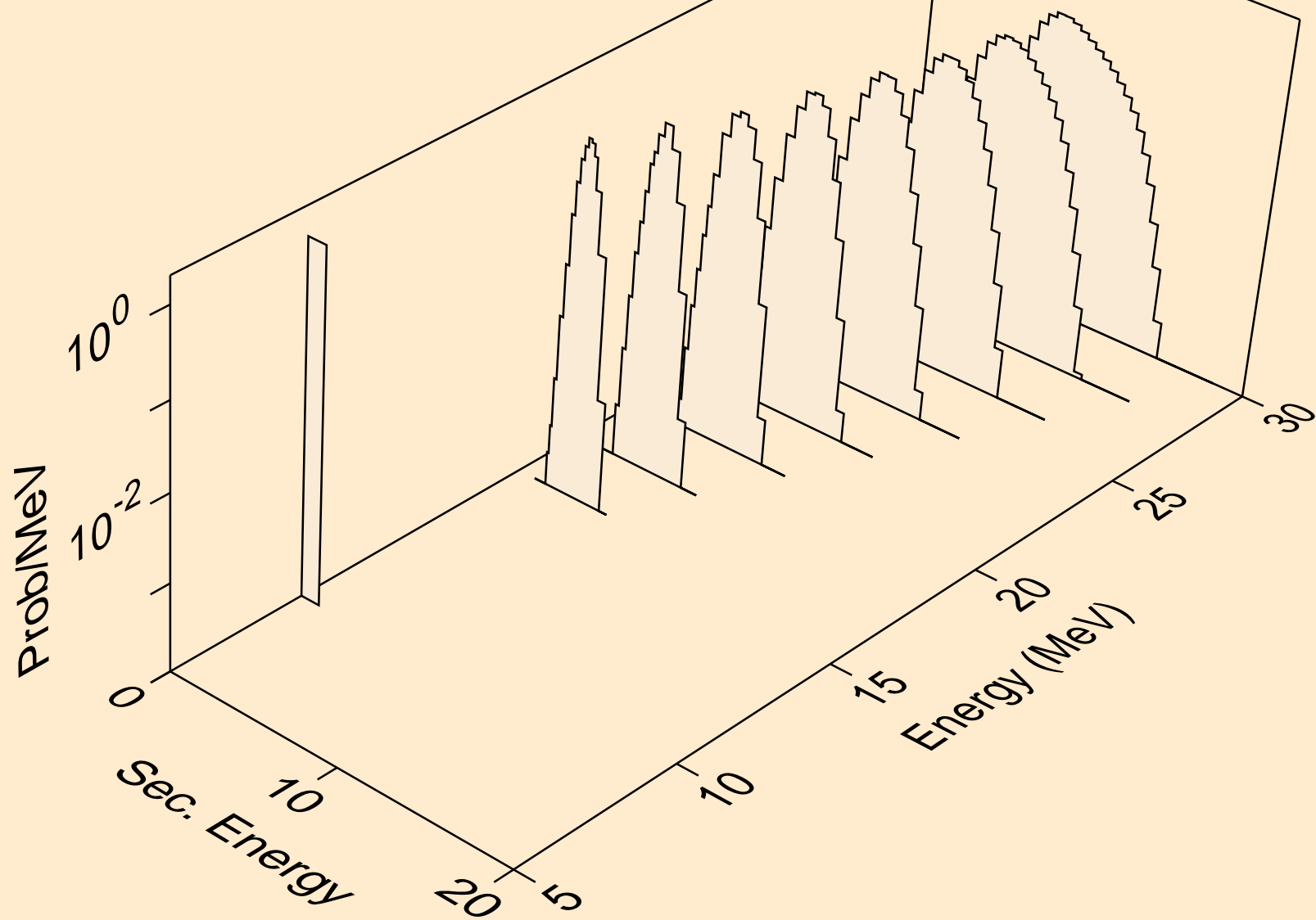


FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

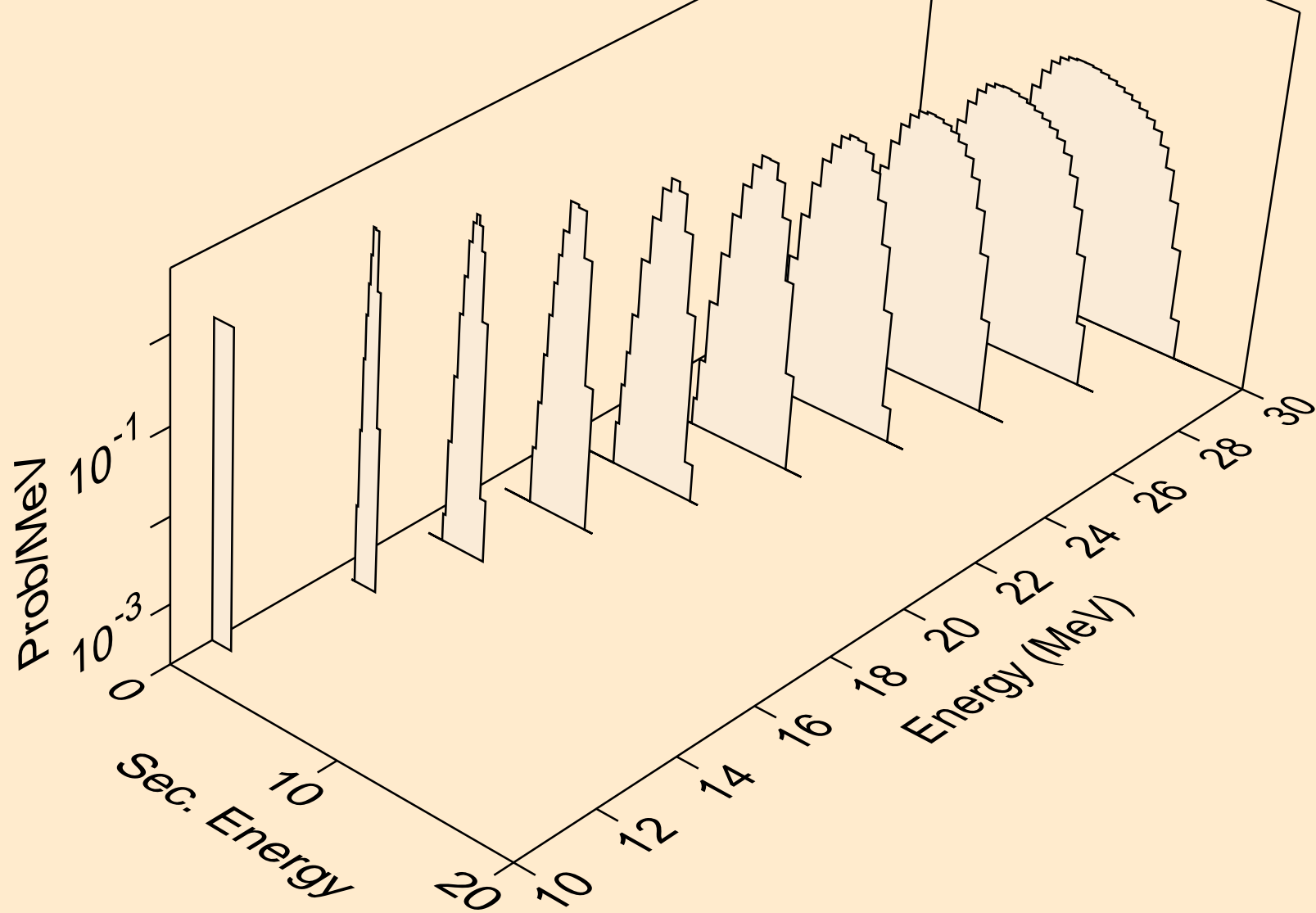




FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



FE056 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

