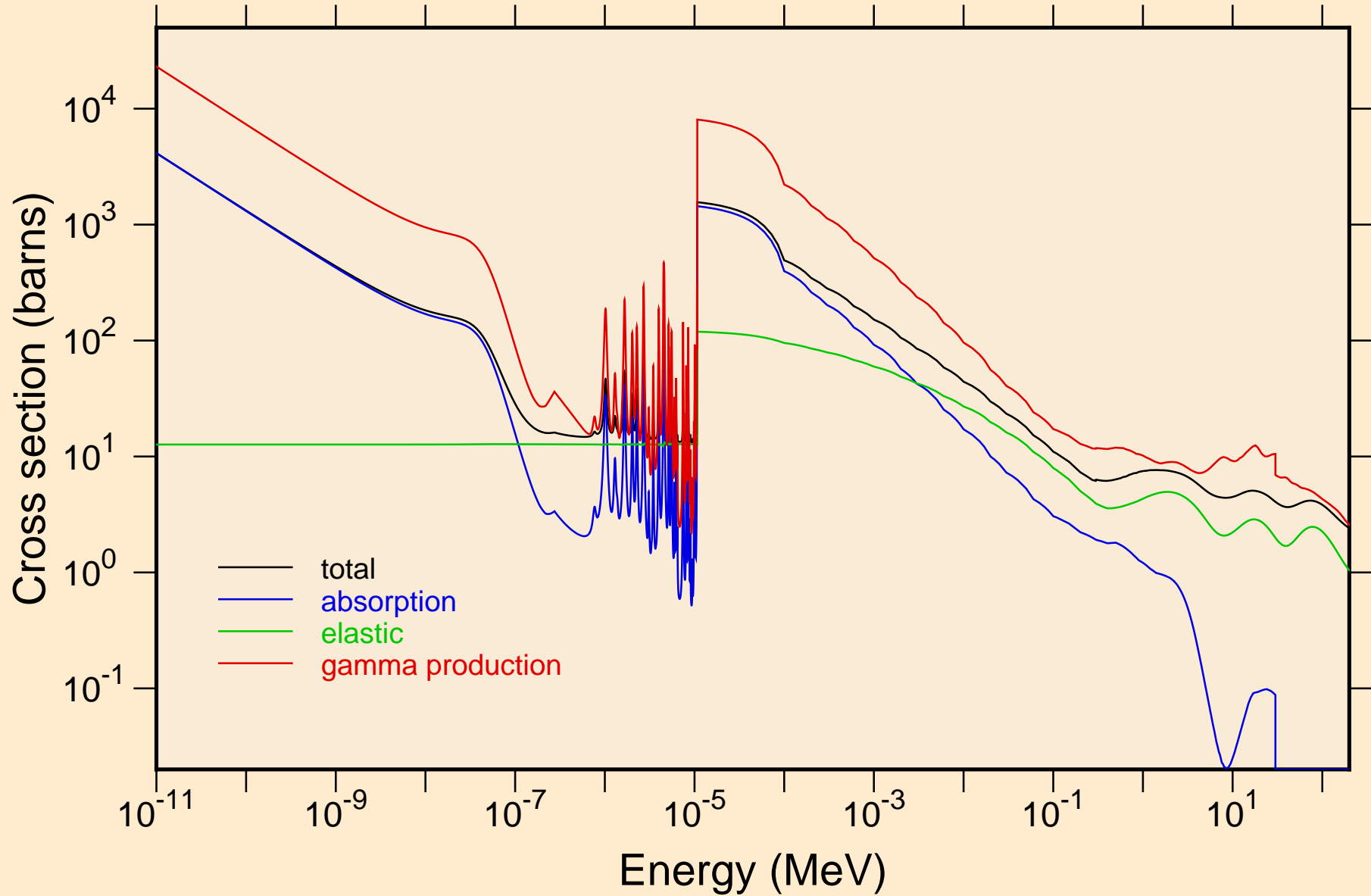
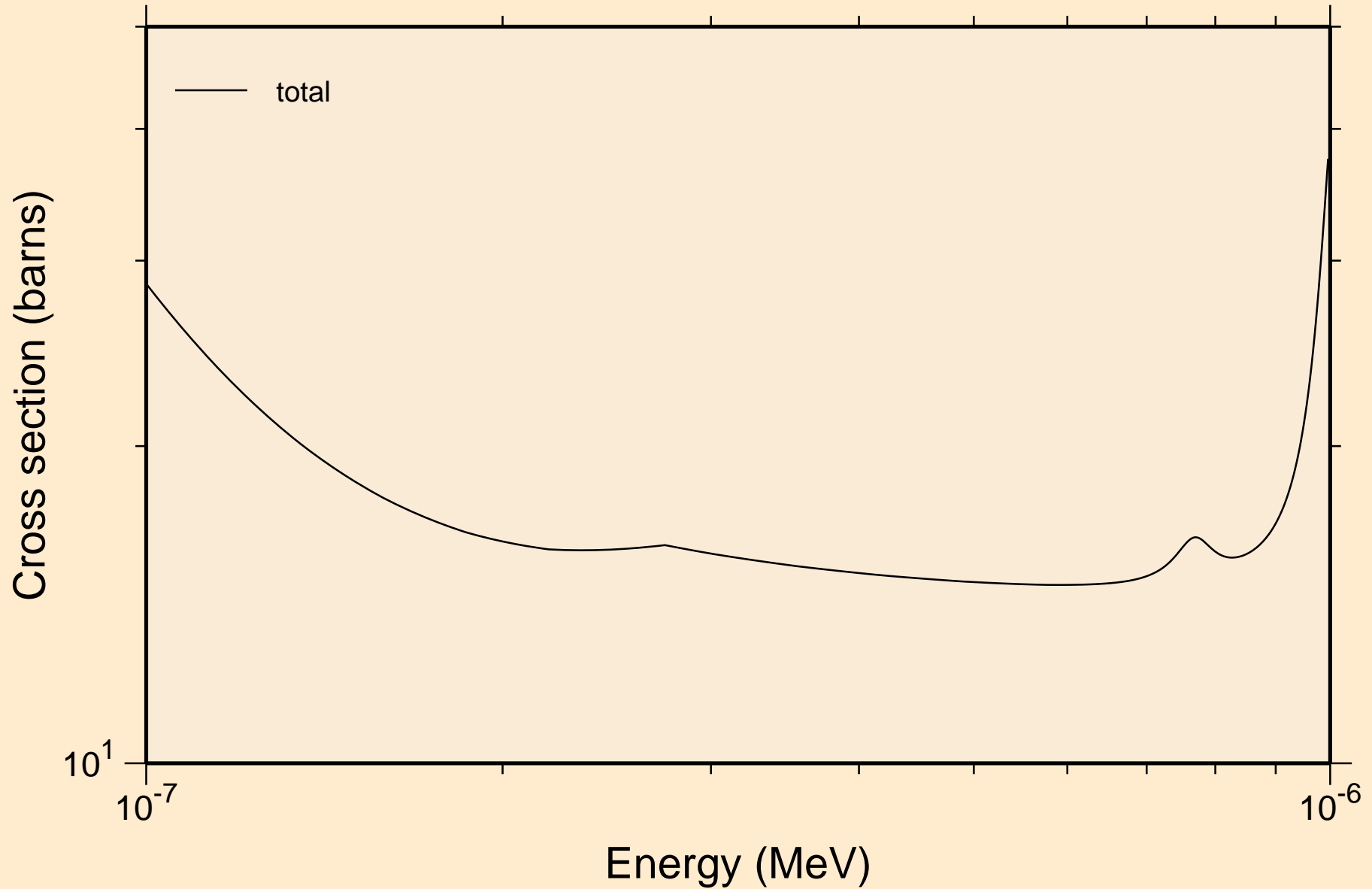


# DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

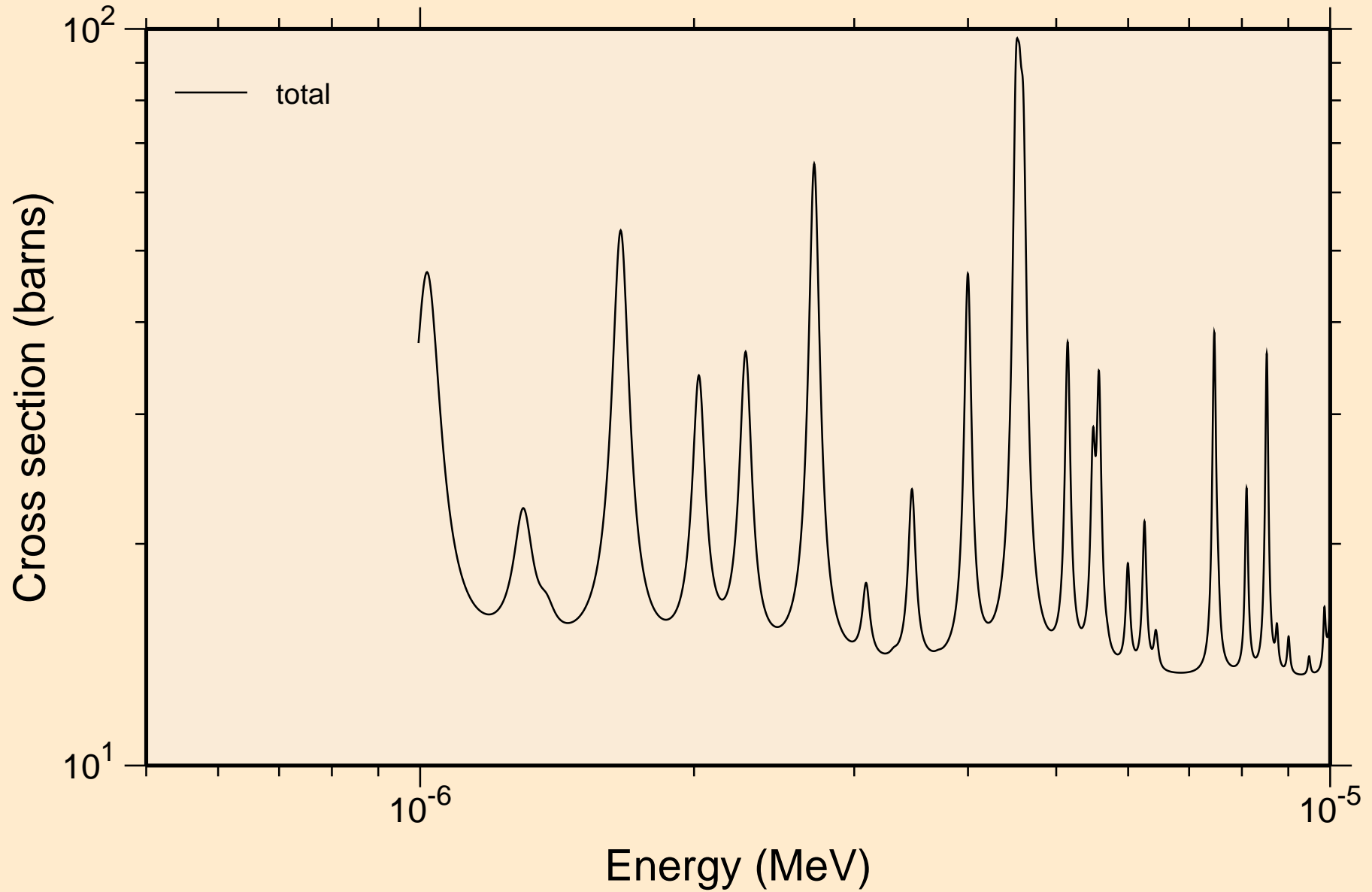
## Principal cross sections



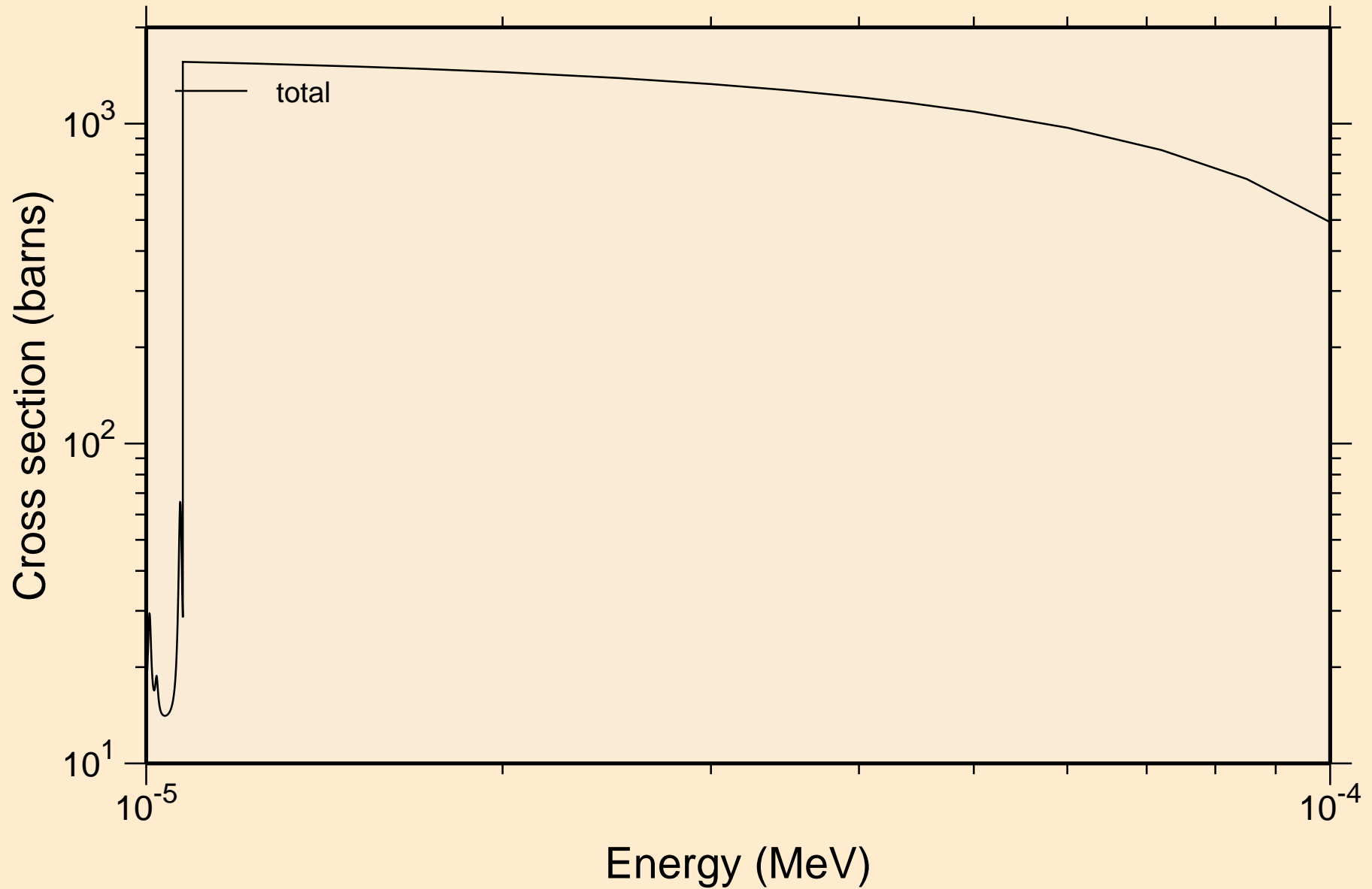
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



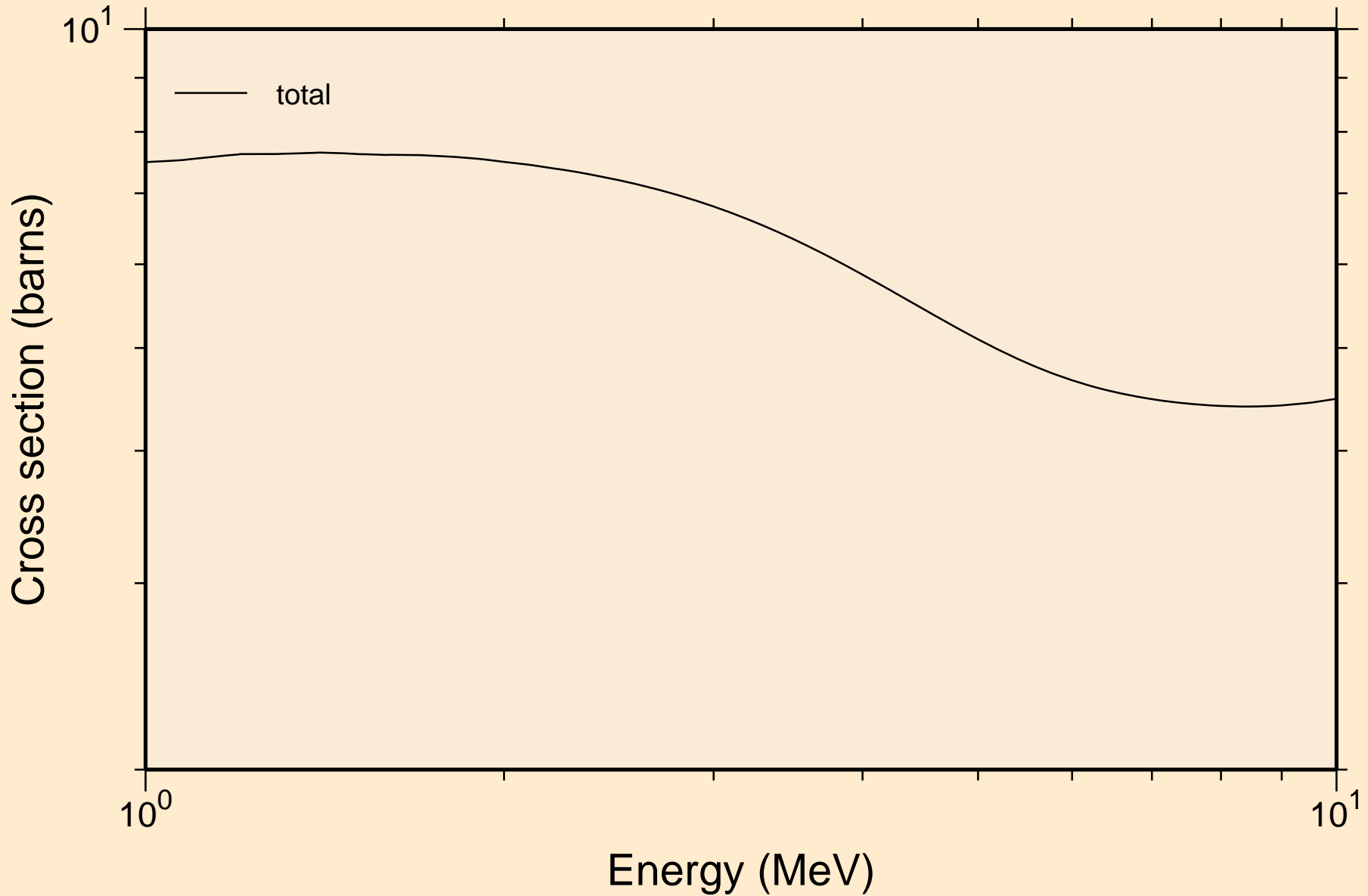
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



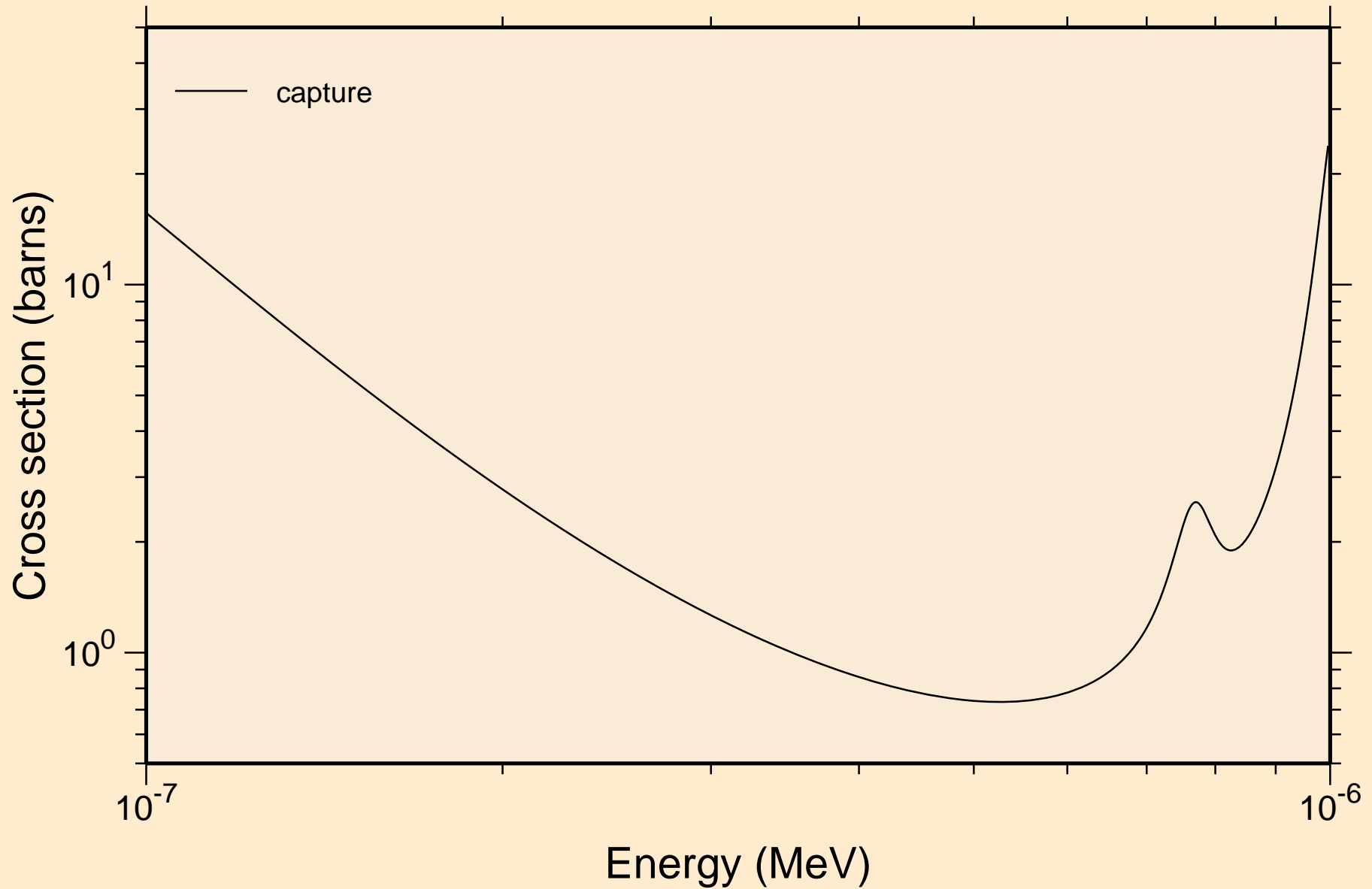
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



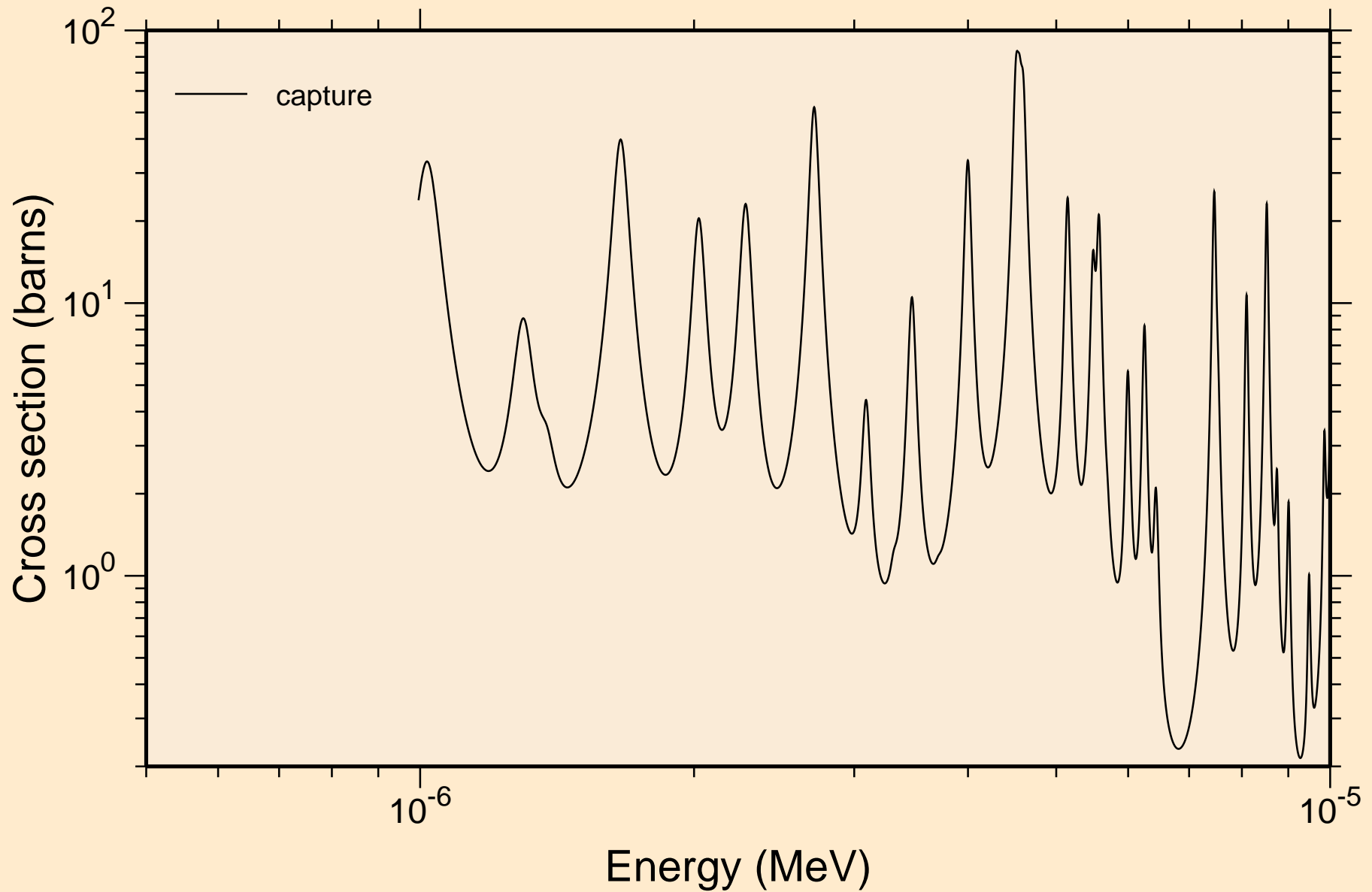
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



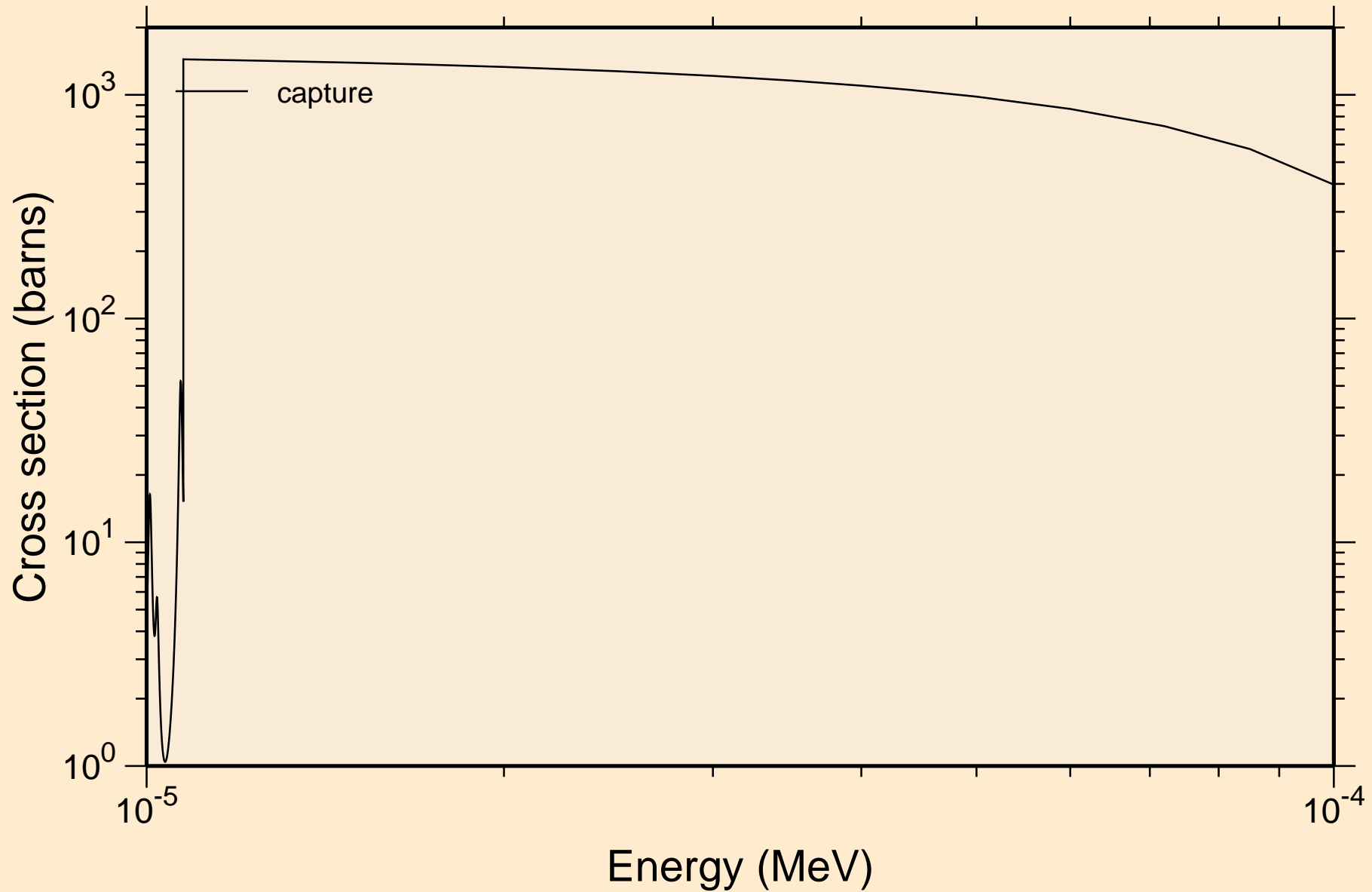
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

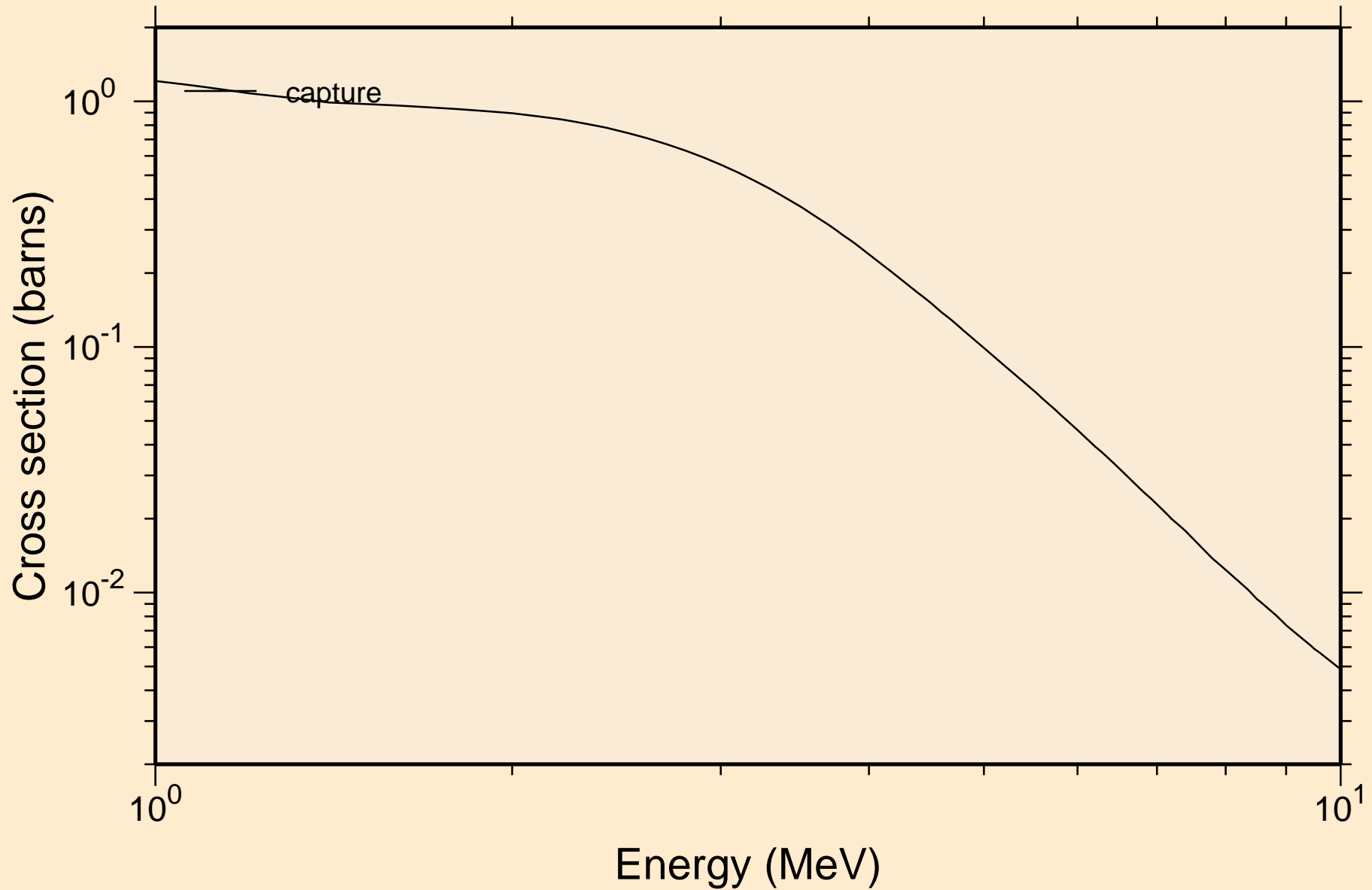


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



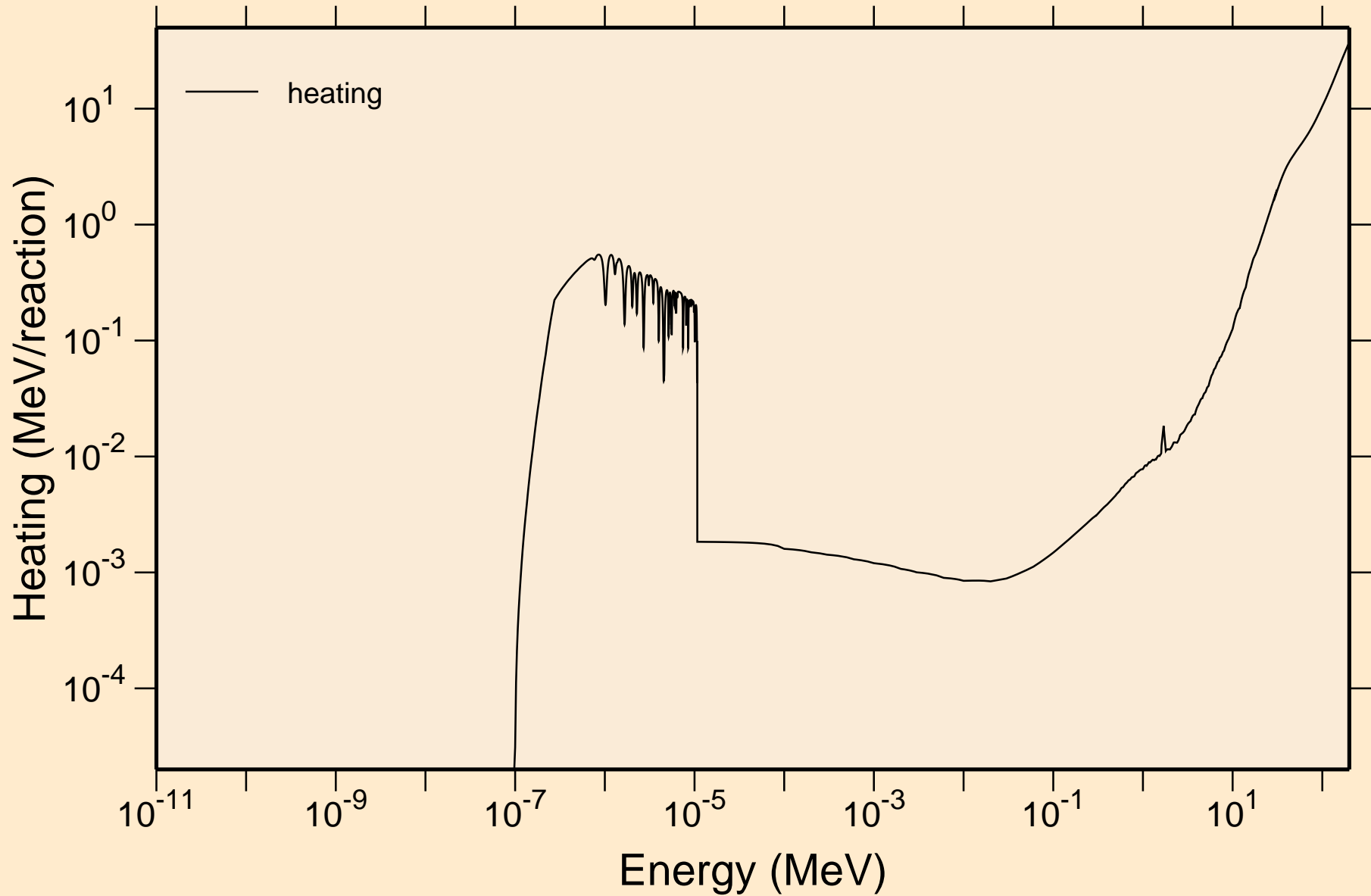


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

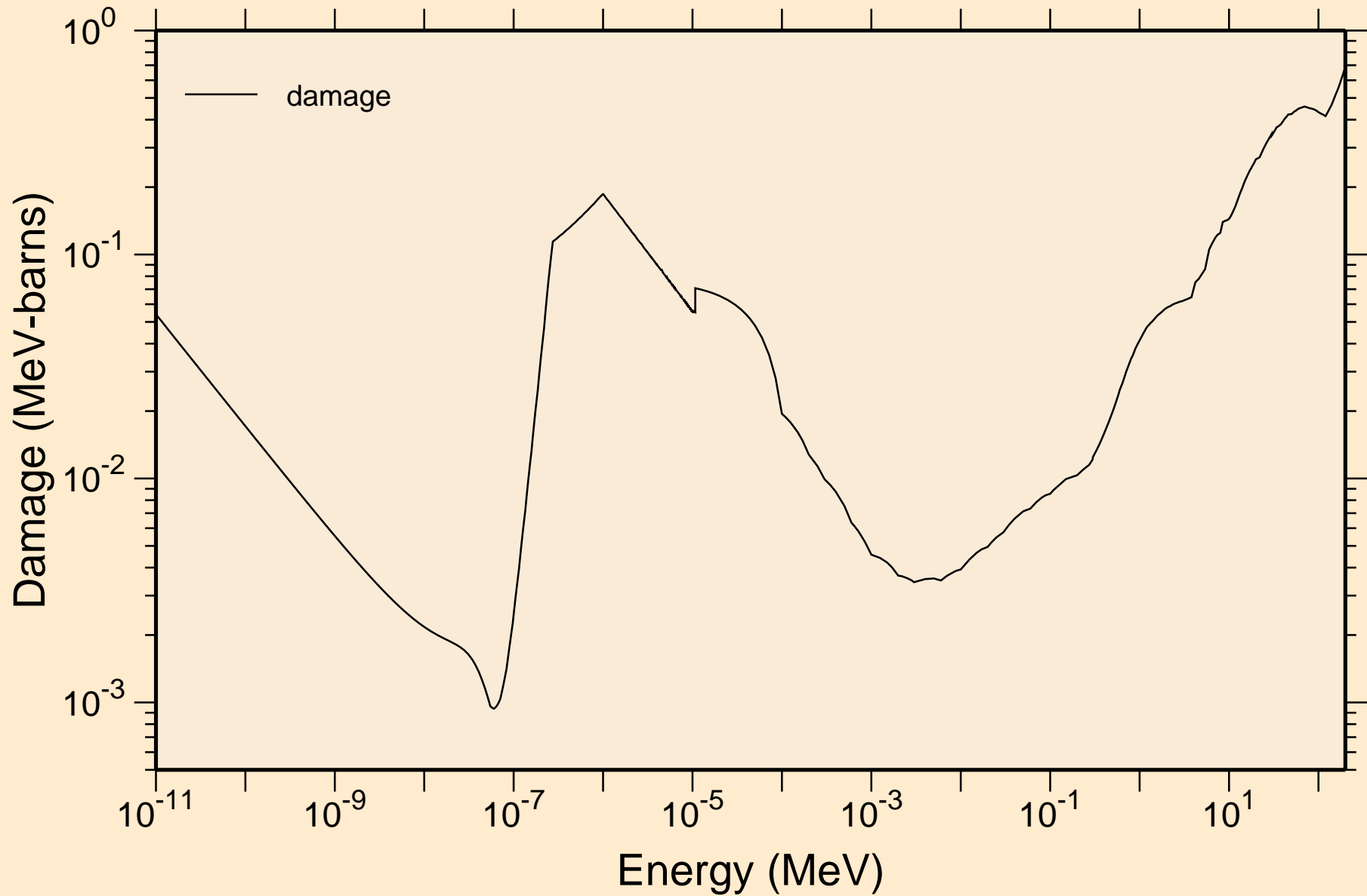


# DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

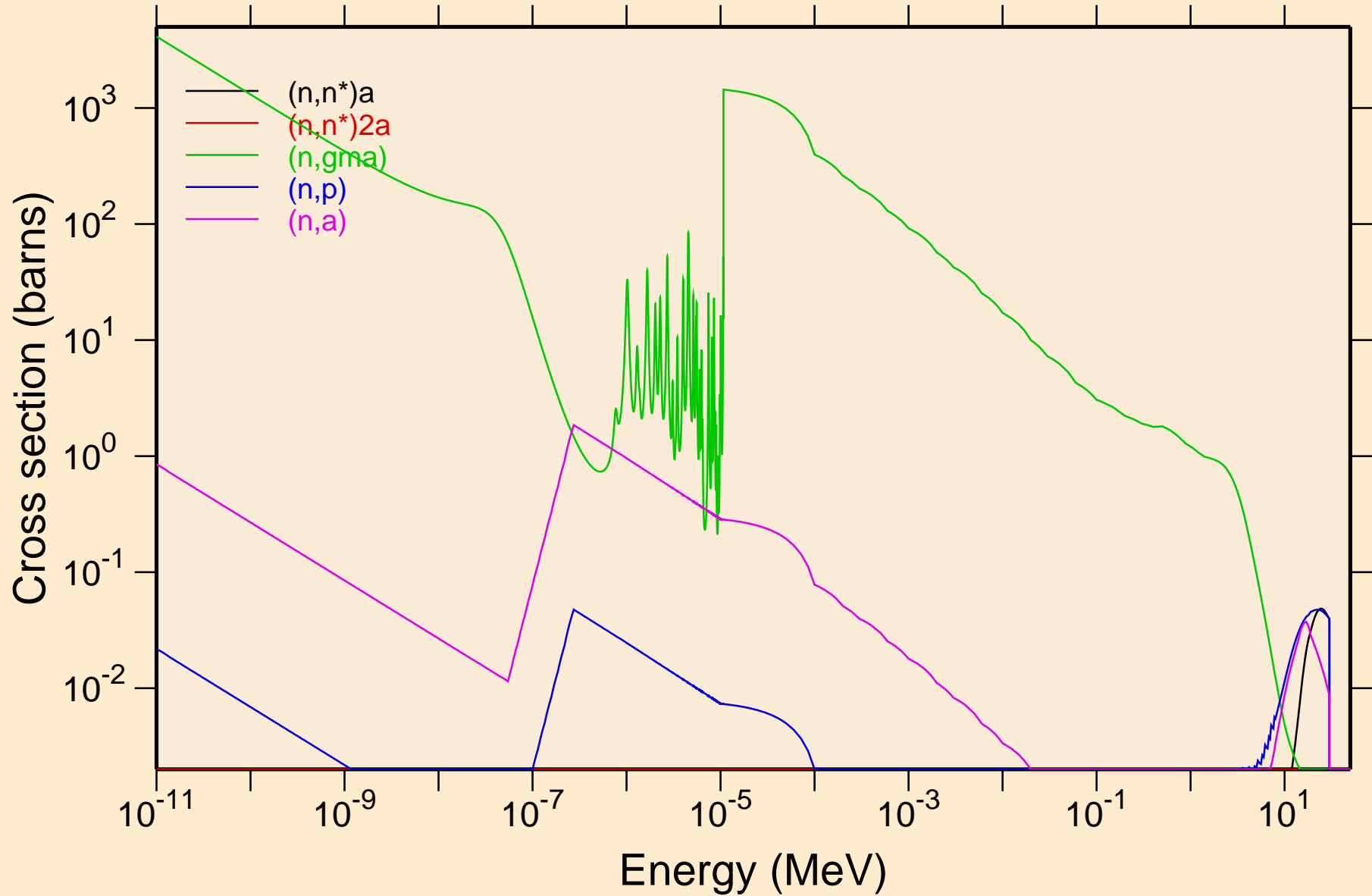
## Heating



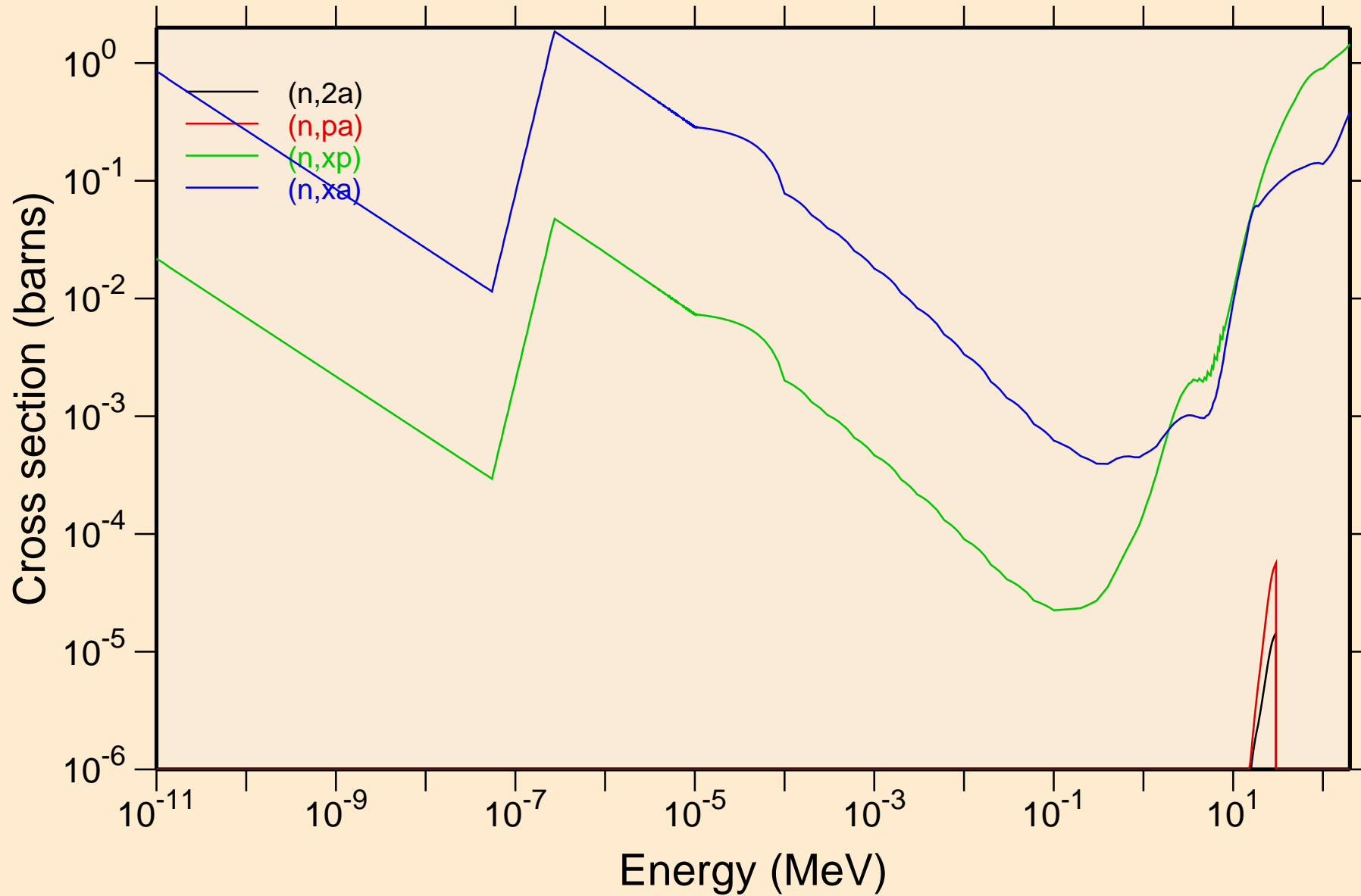
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



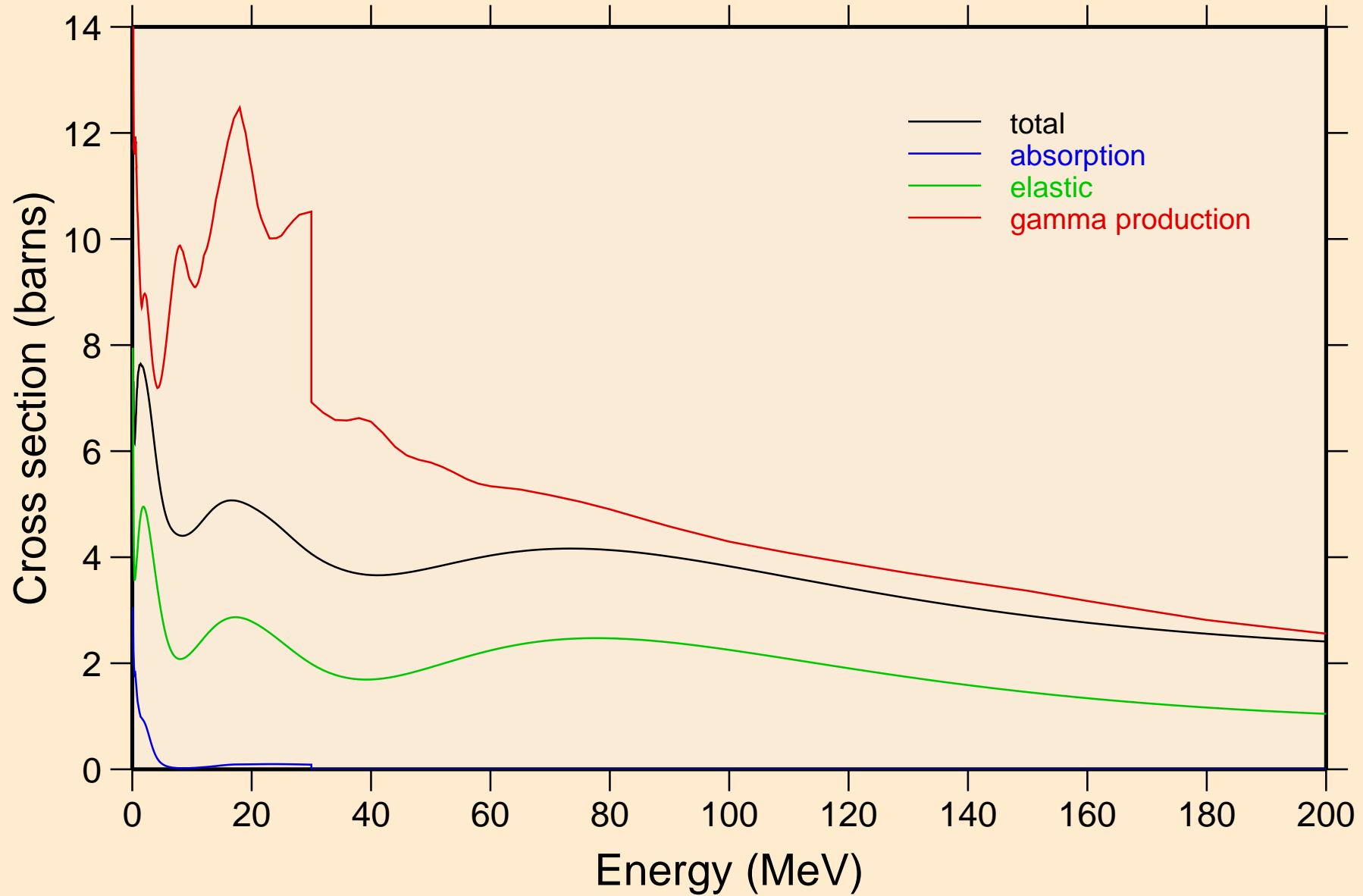
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

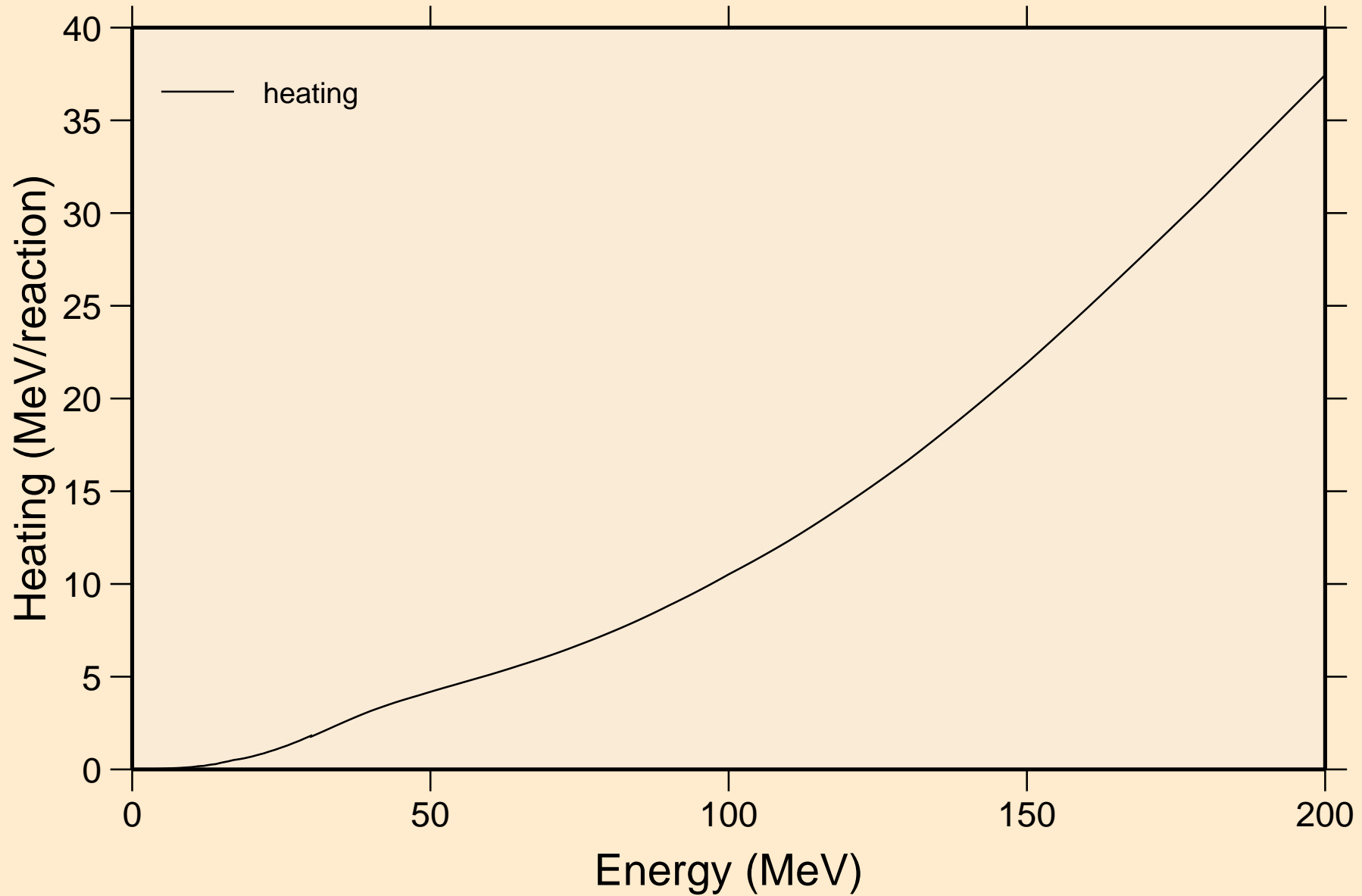


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

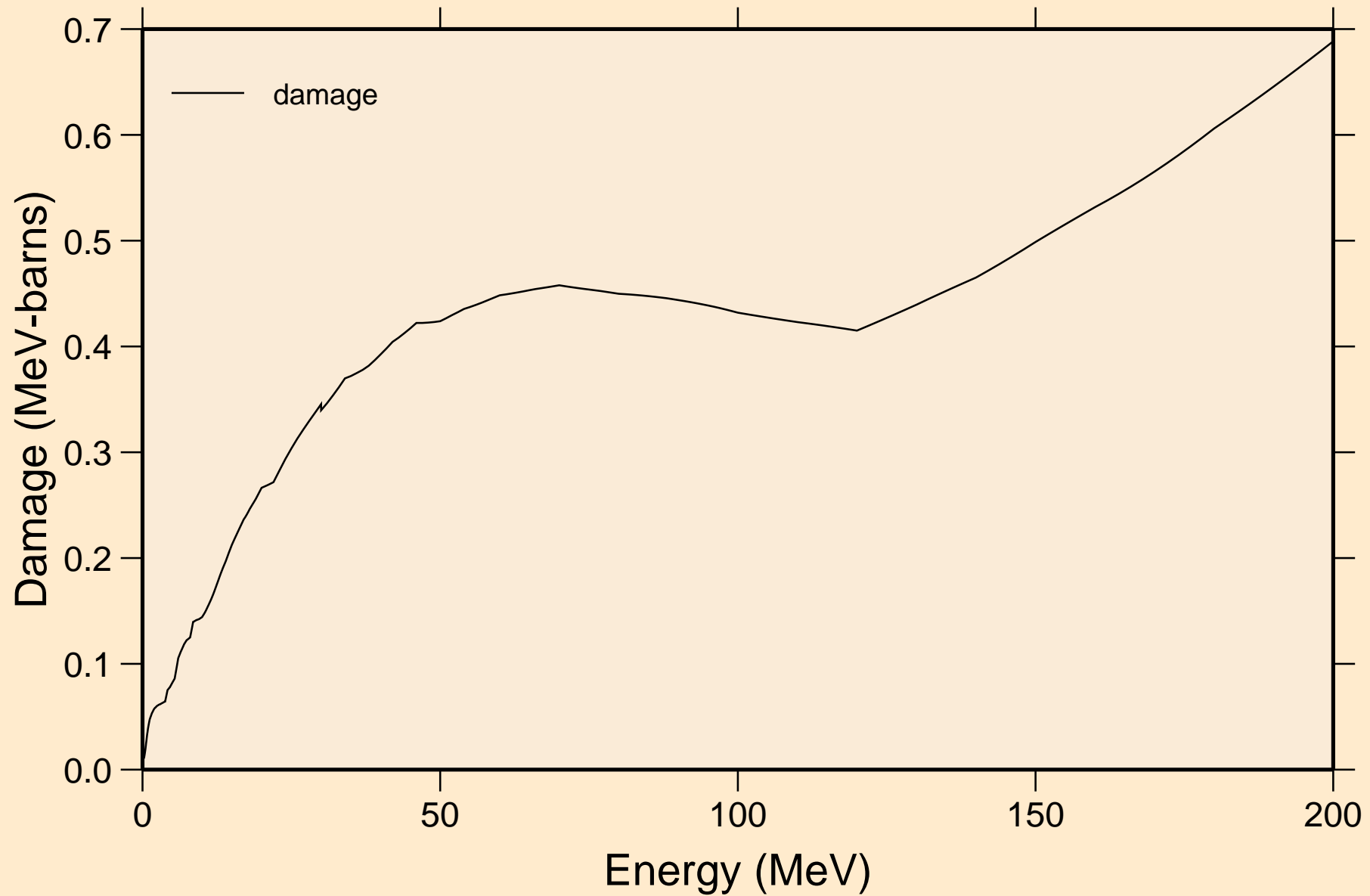


# DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

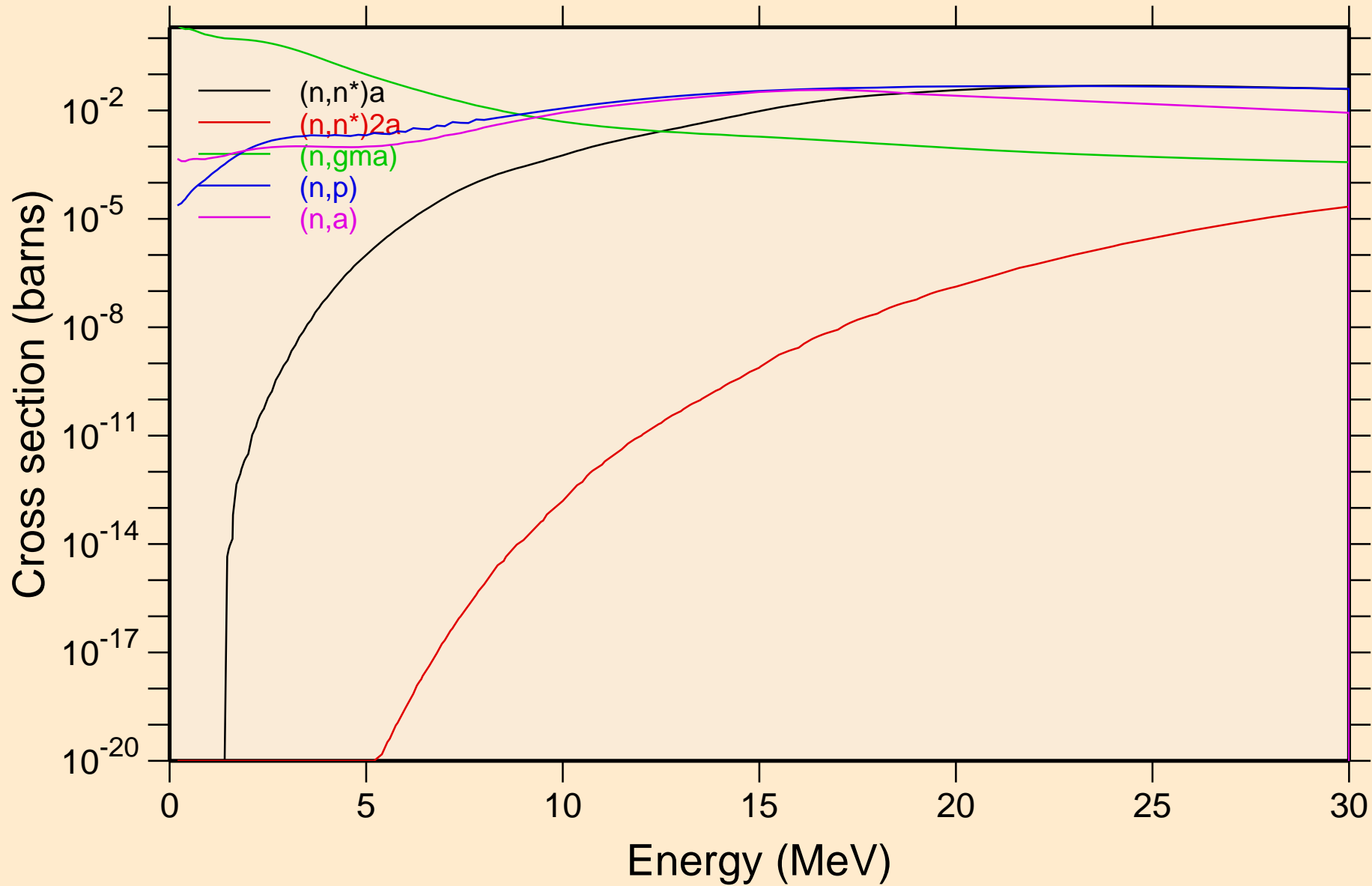


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

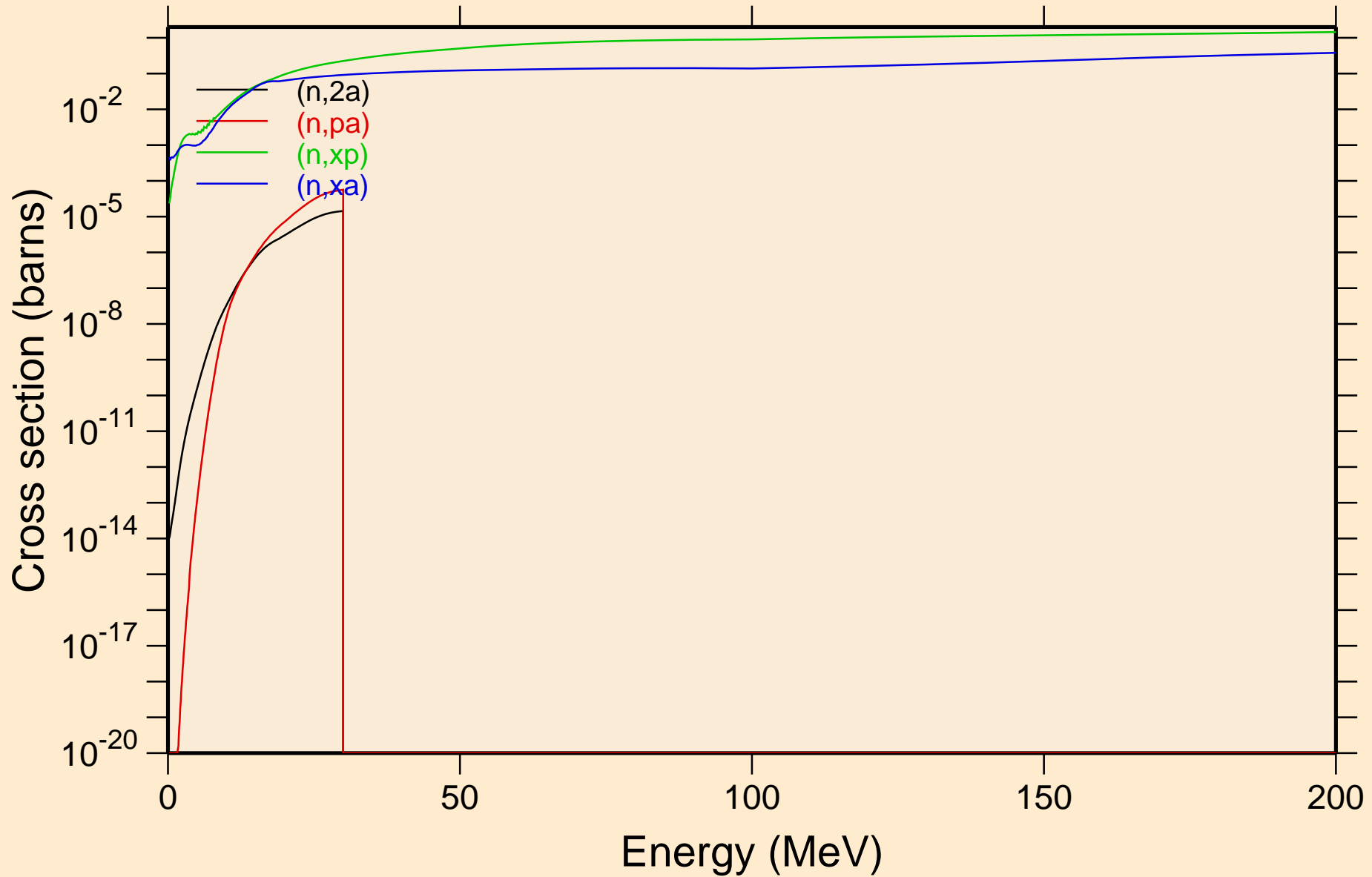




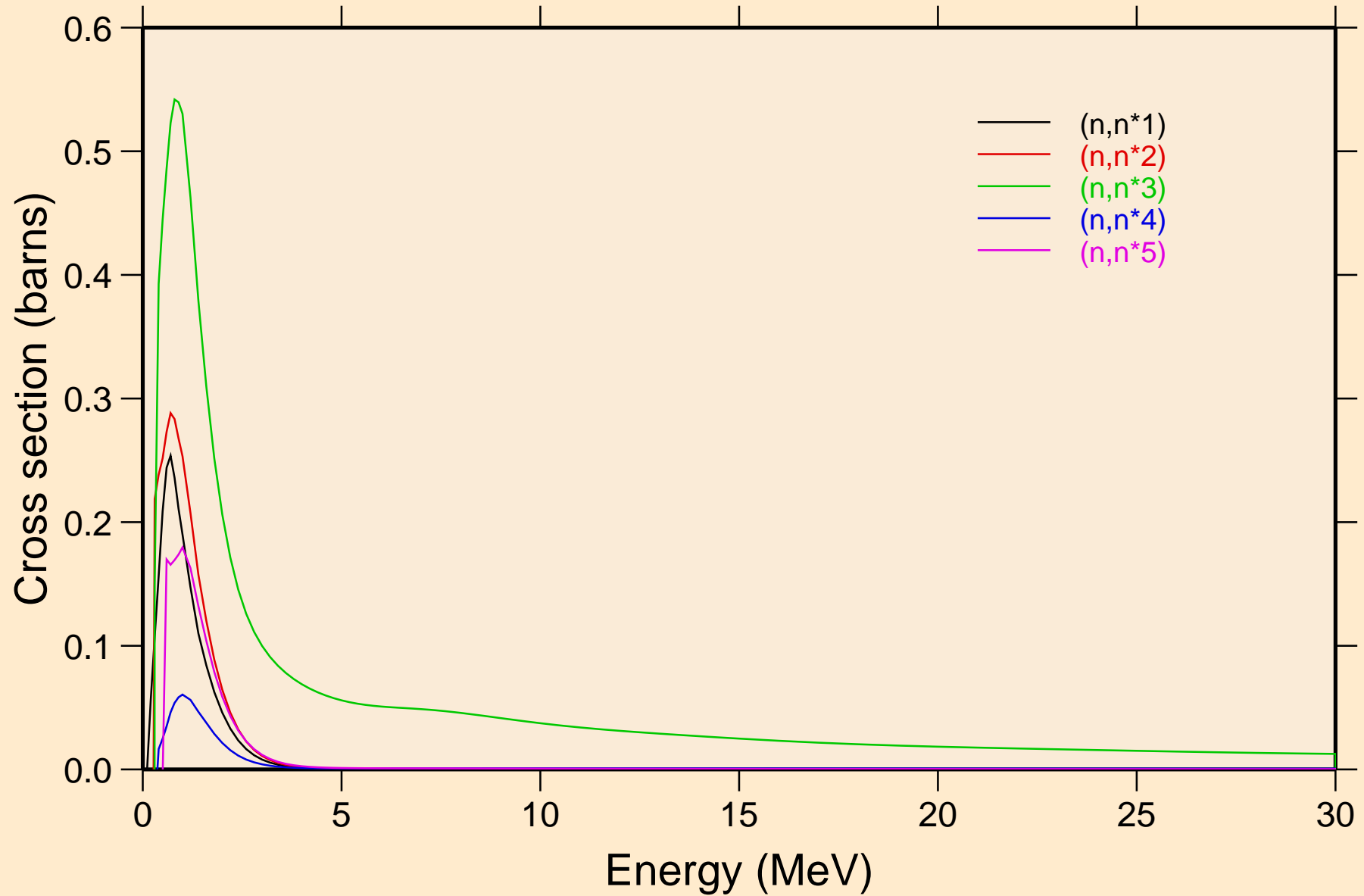
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



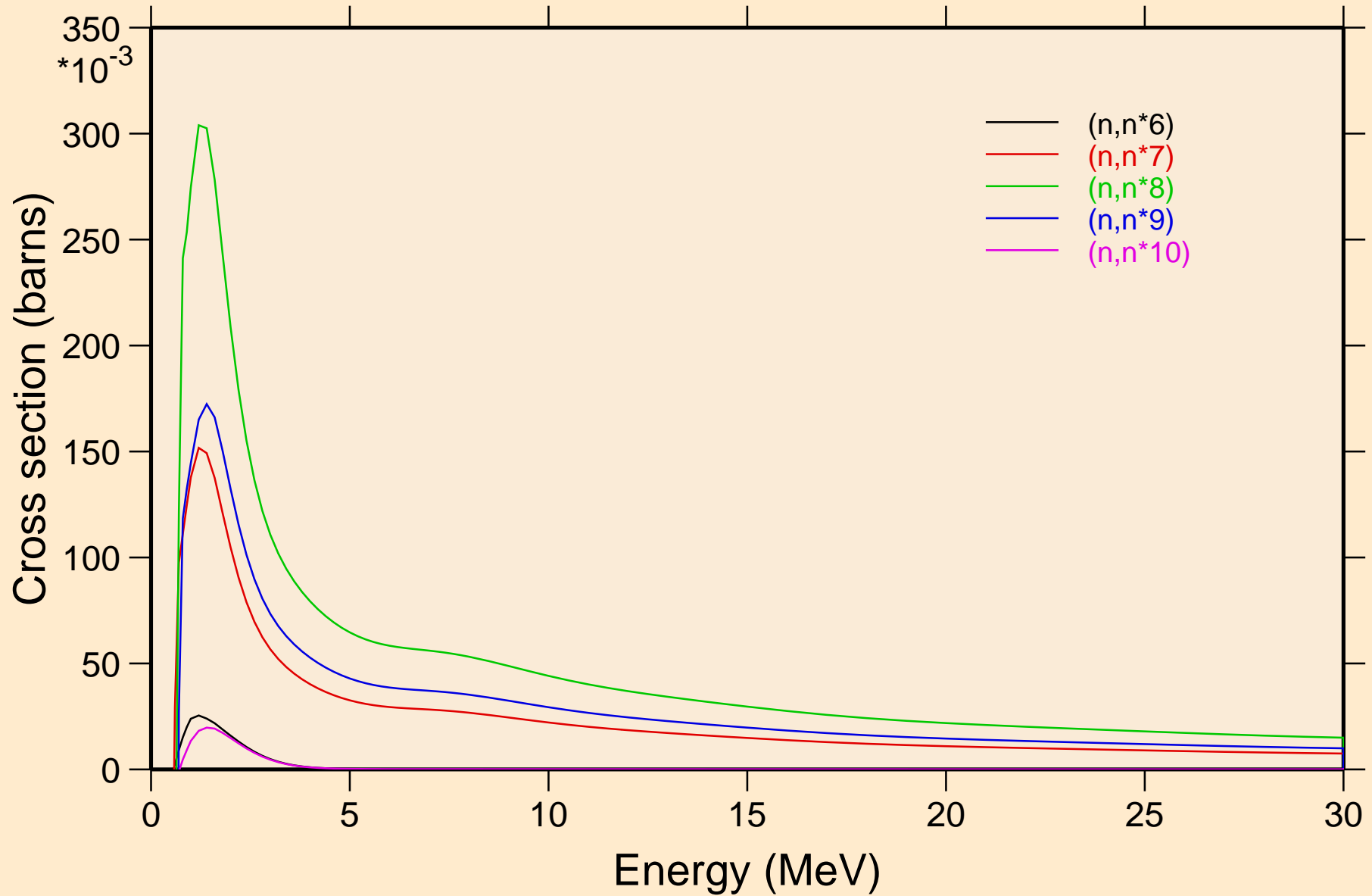
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



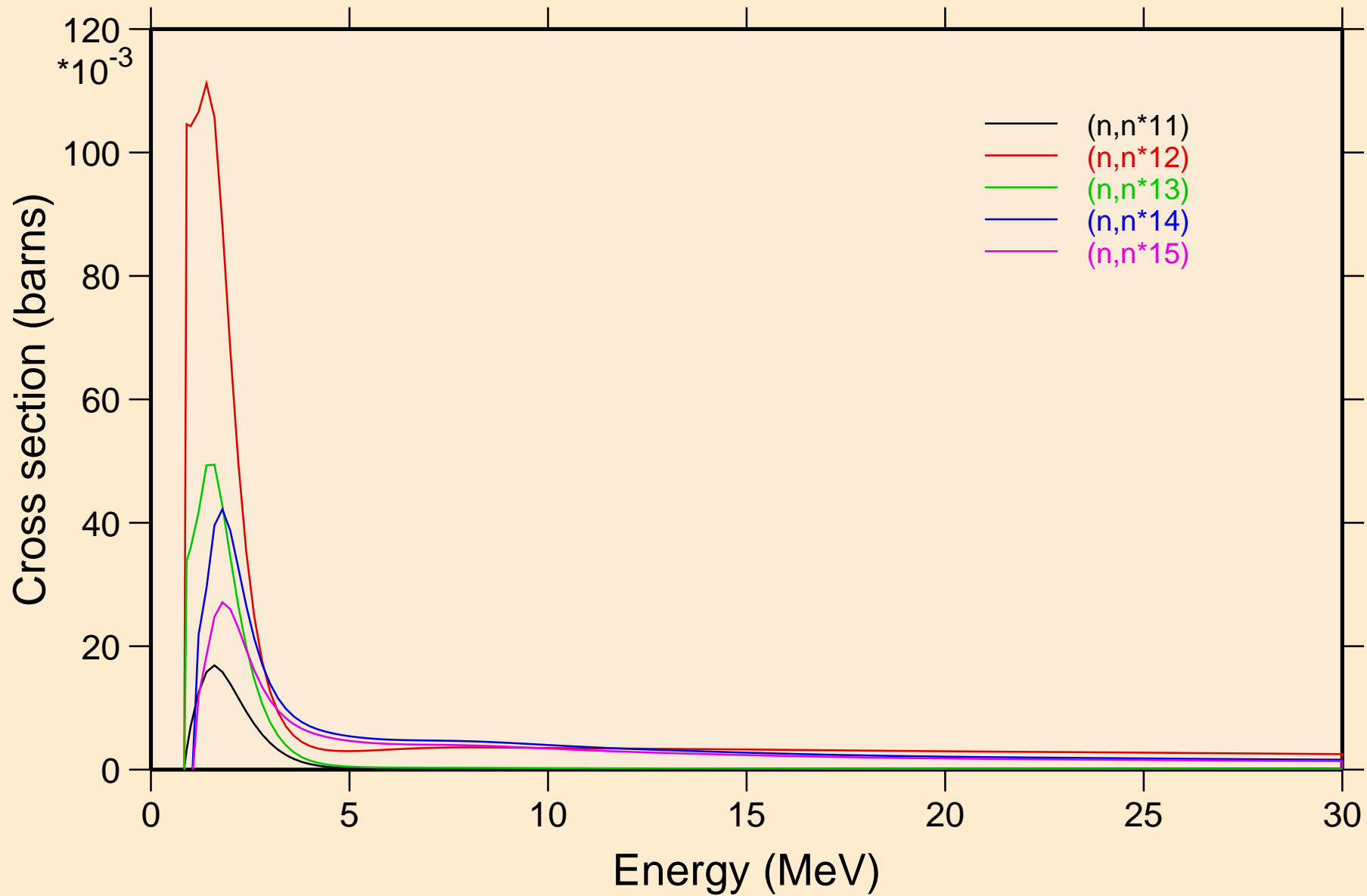
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



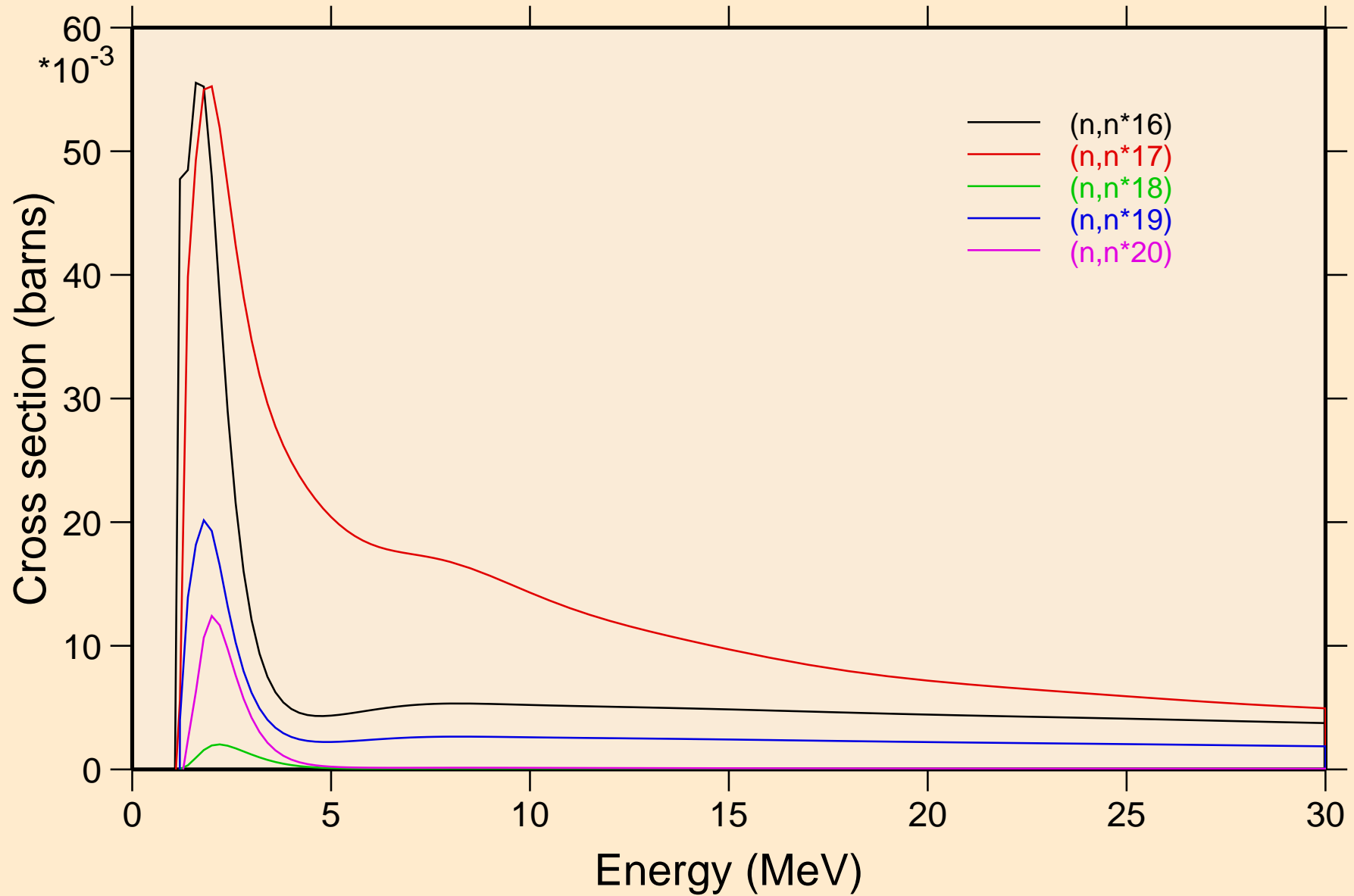
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



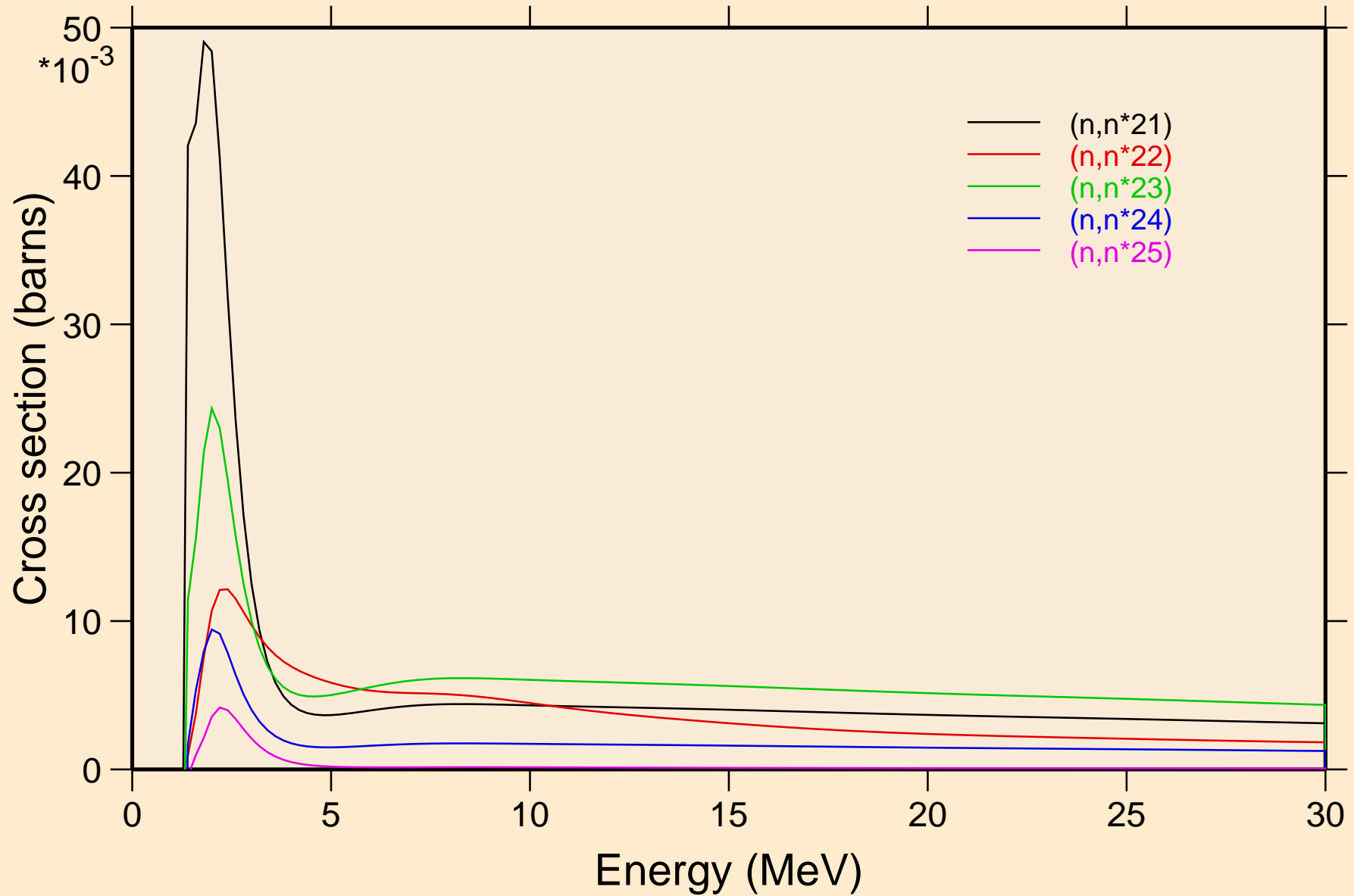
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



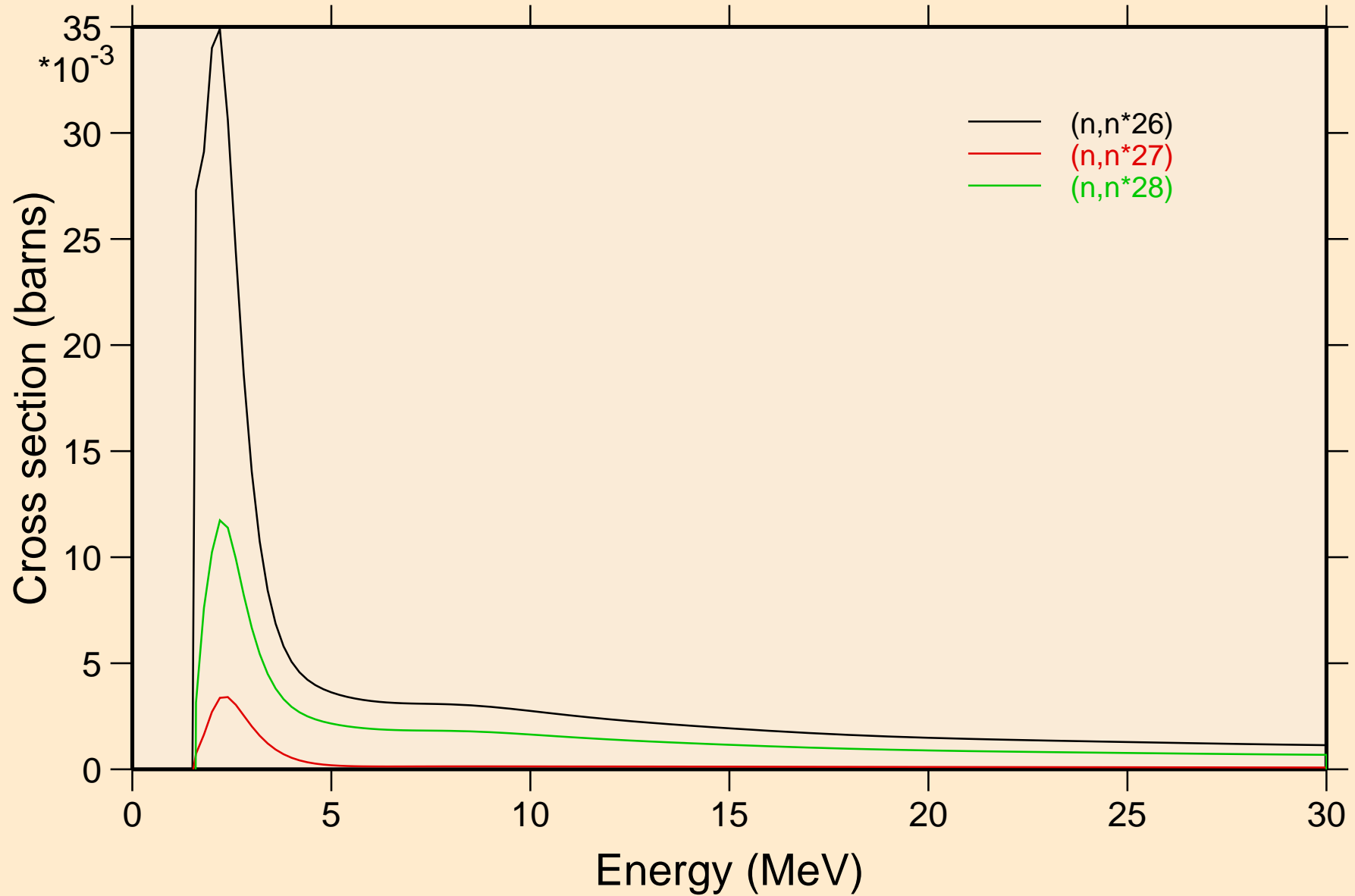
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

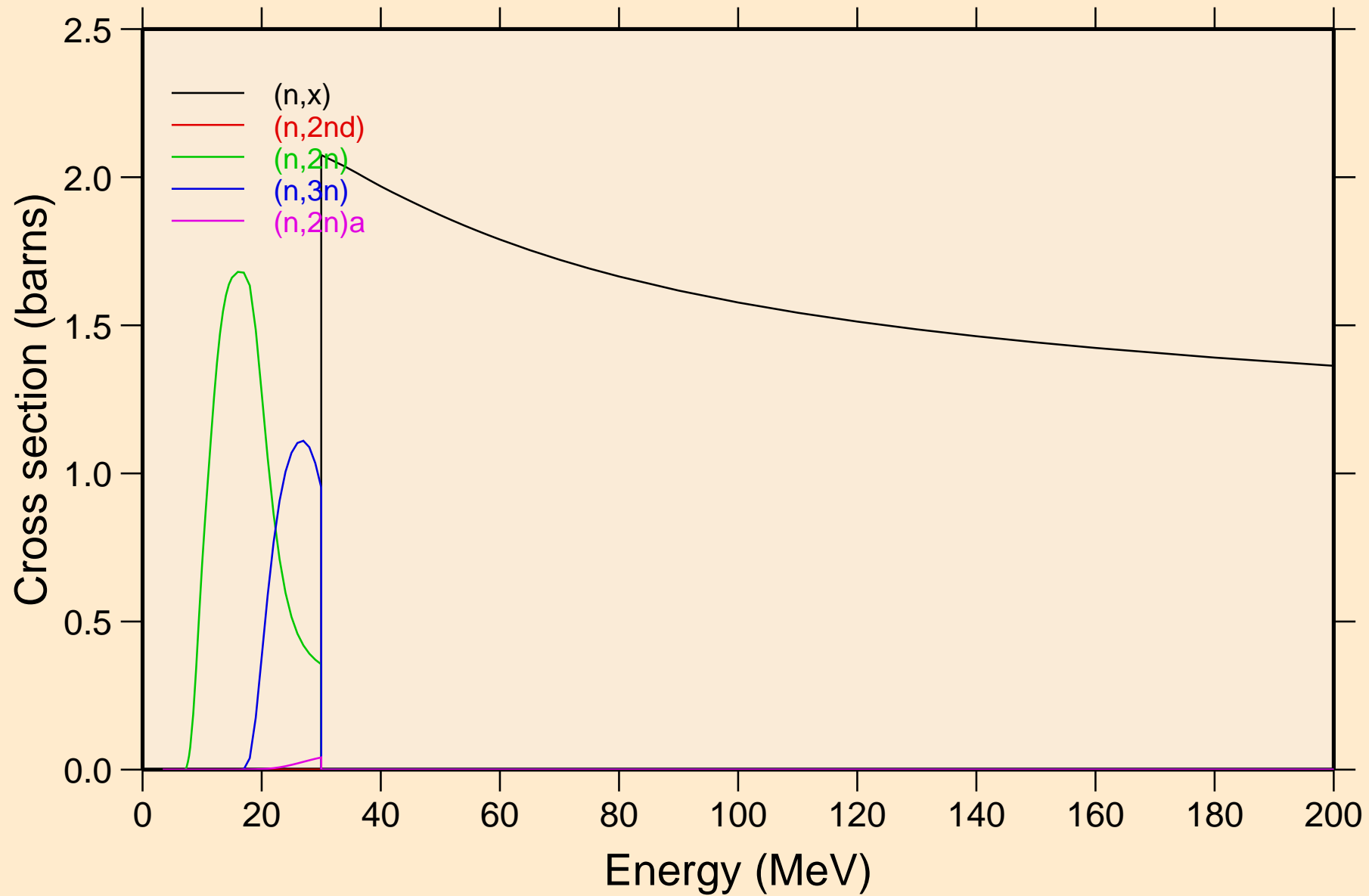


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



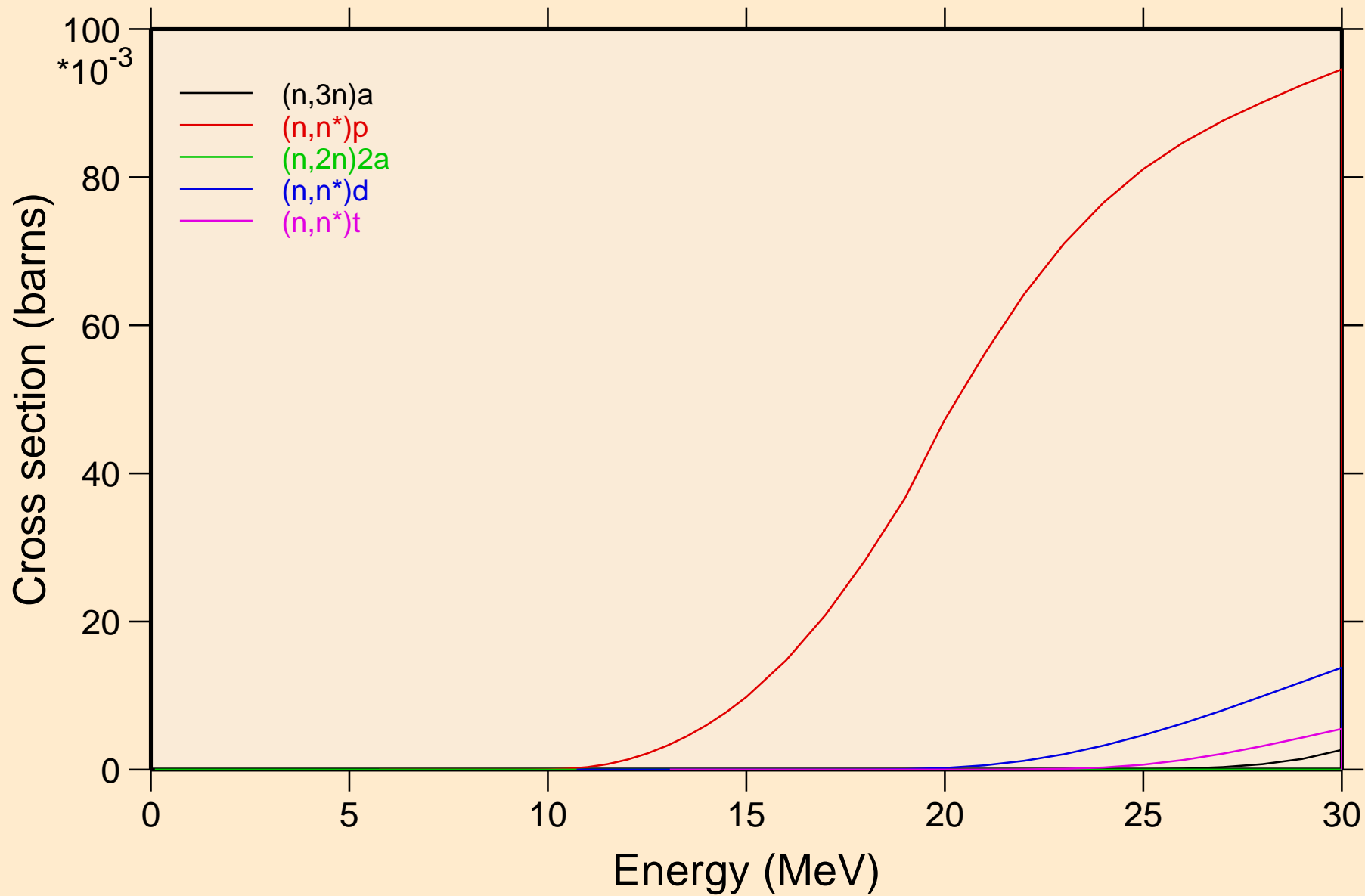


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



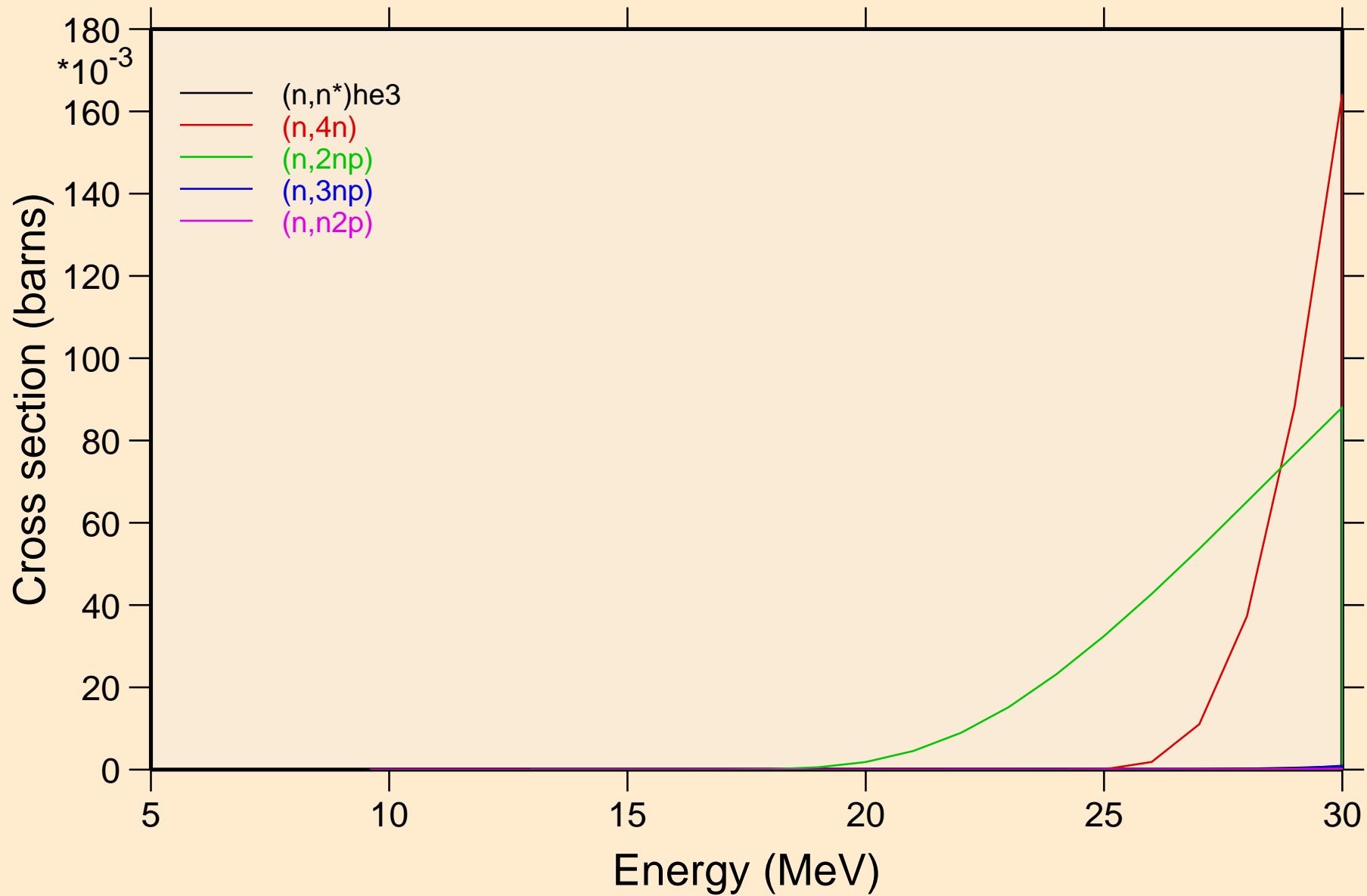
# DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

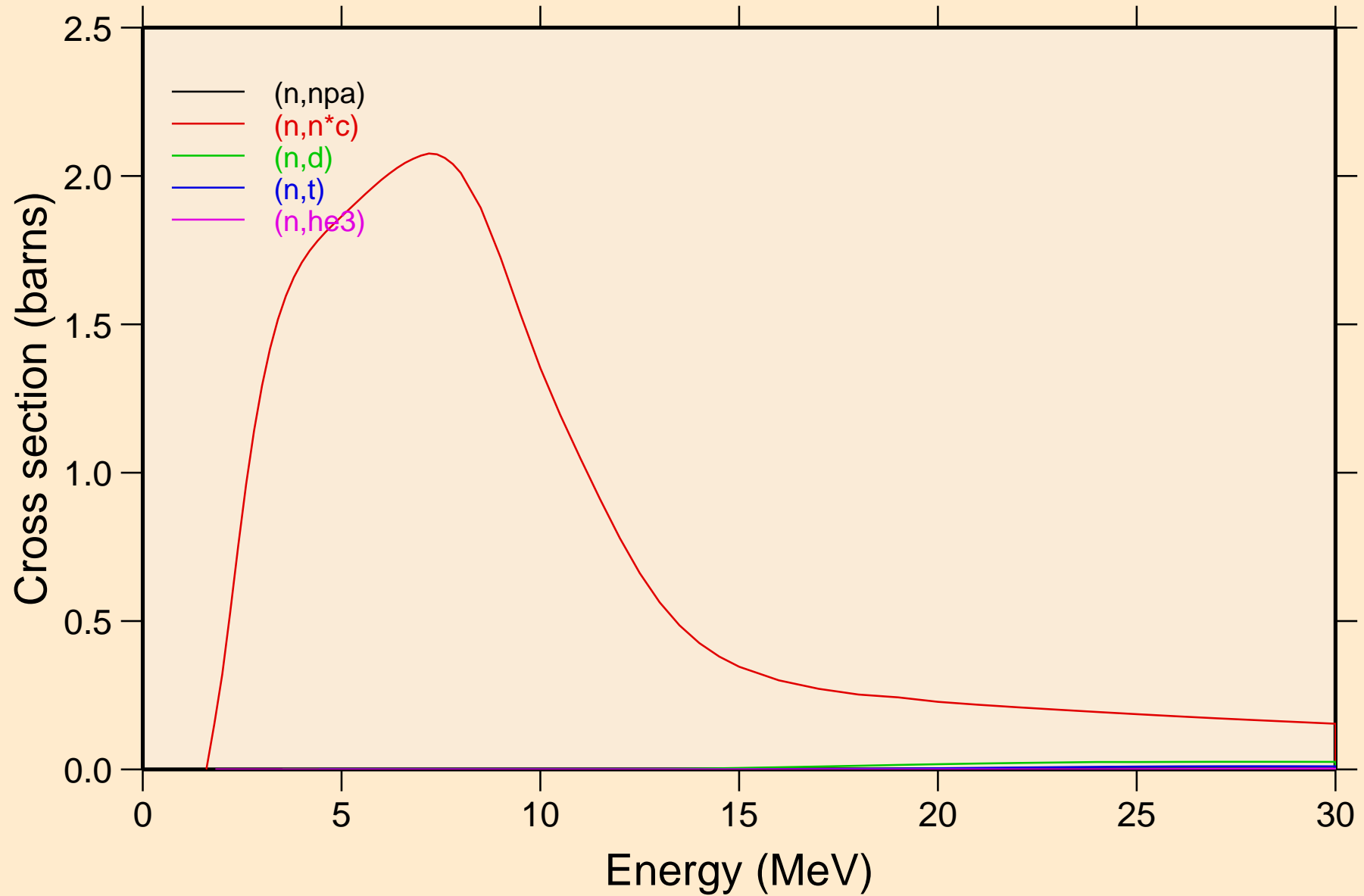


# DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

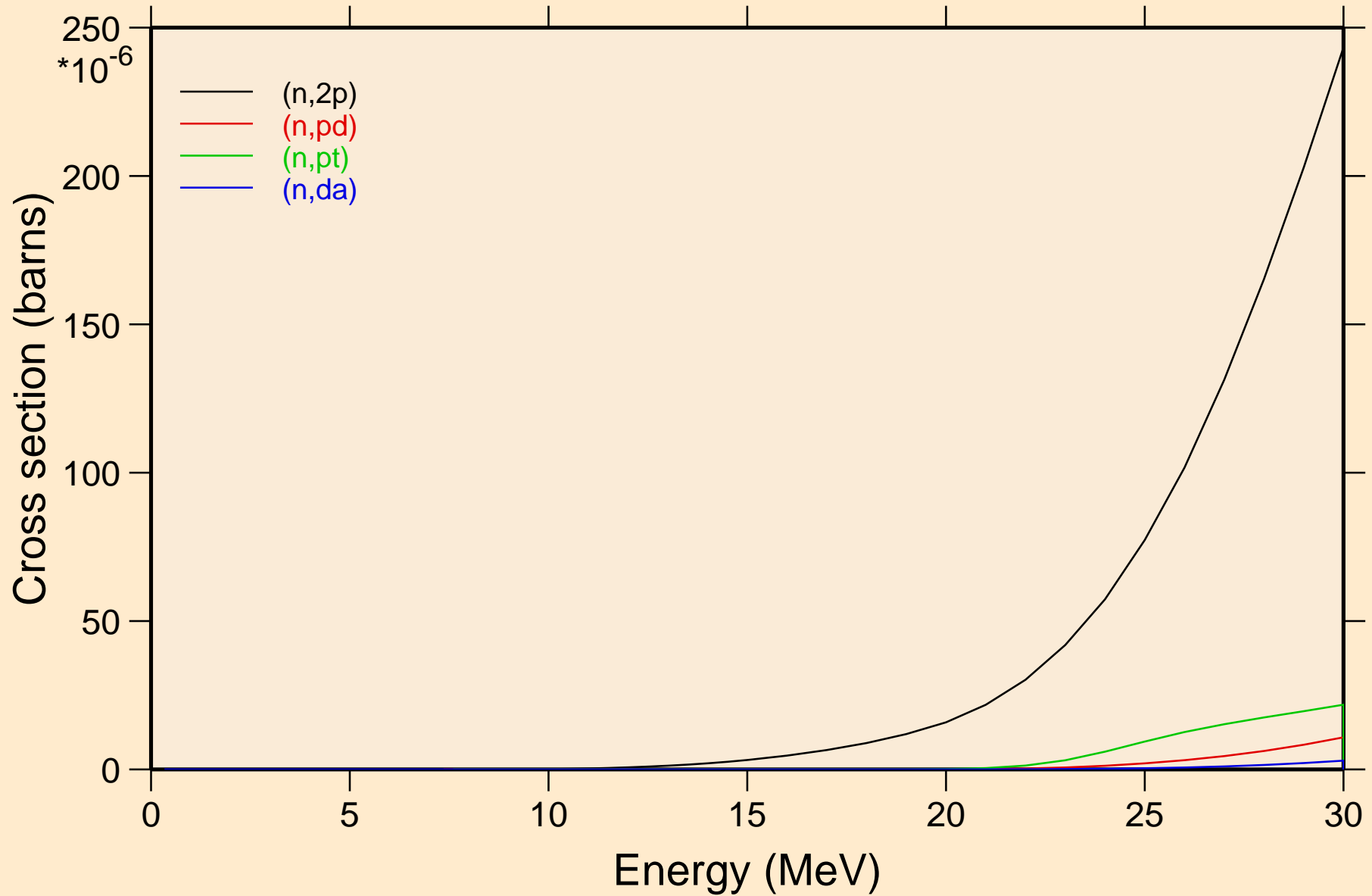


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



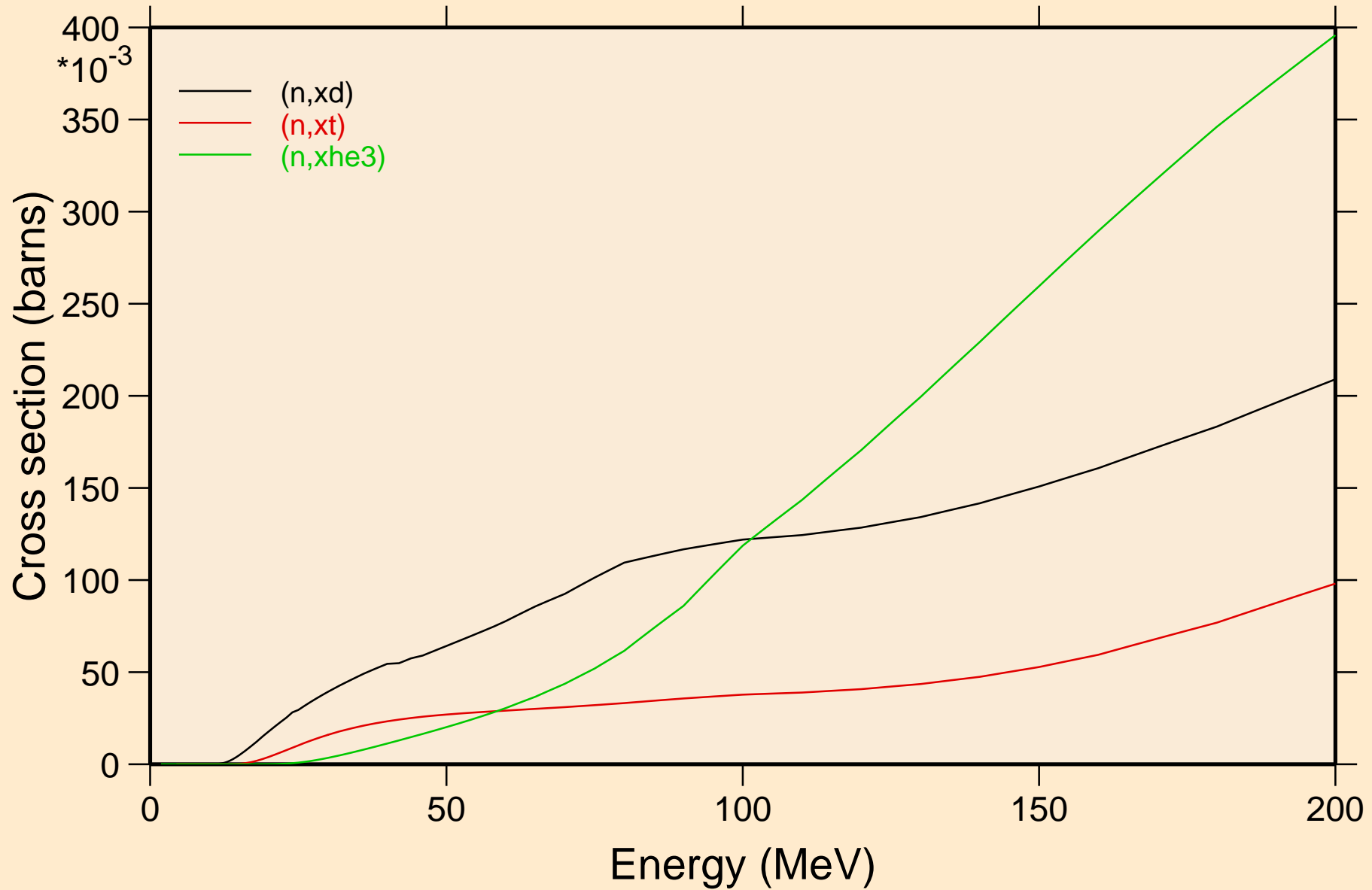
# DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

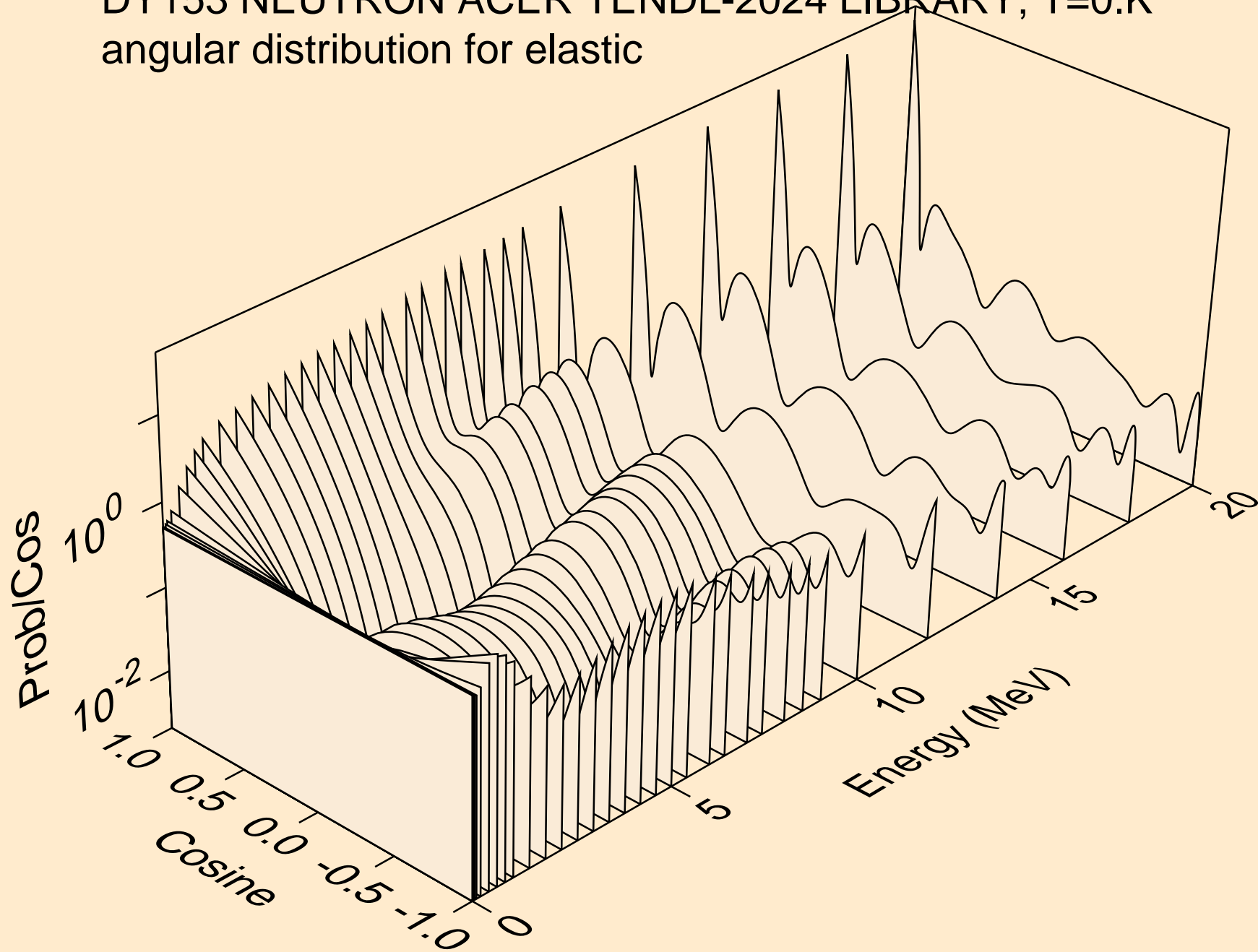


# DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

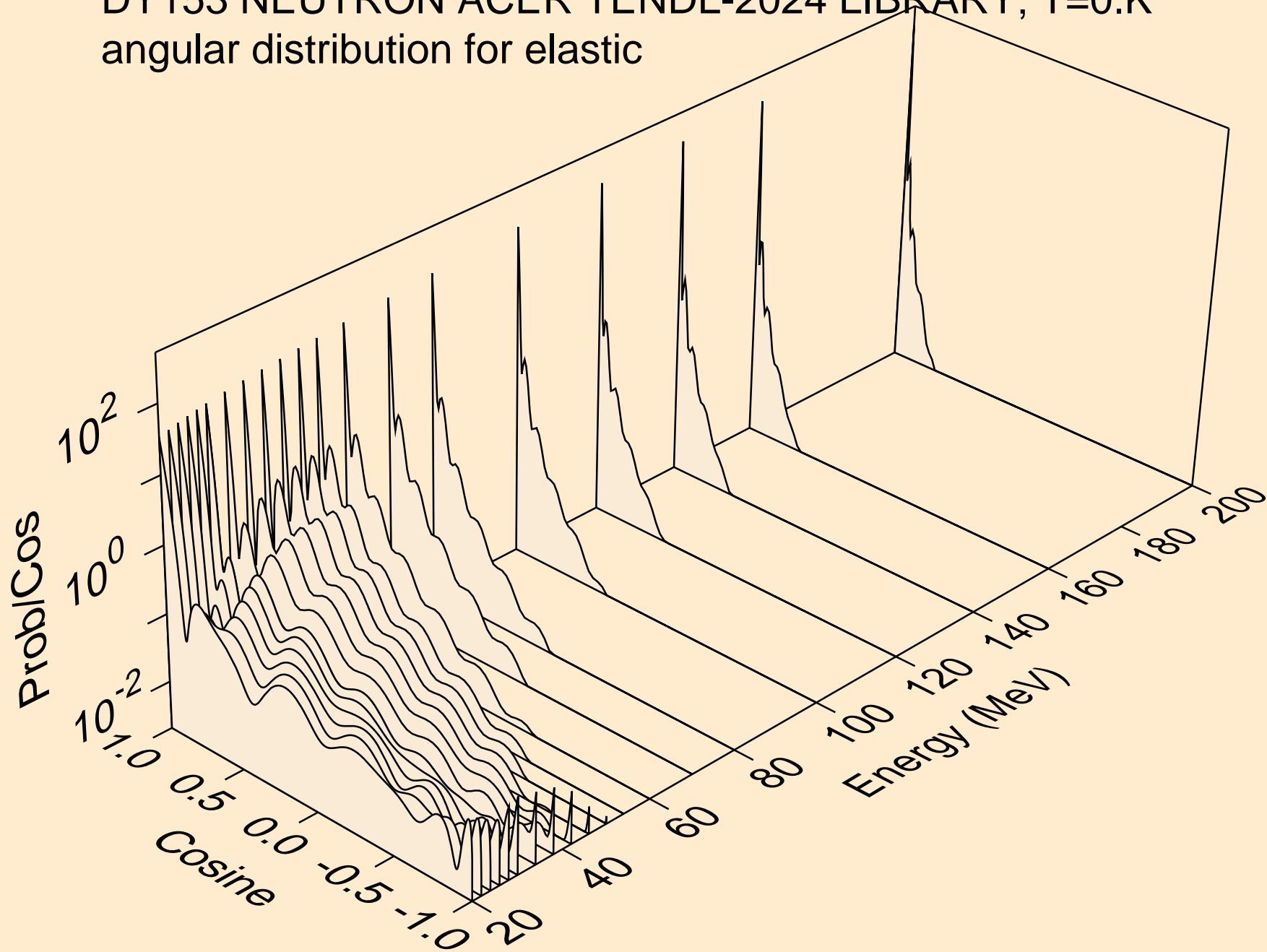
## Threshold reactions



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

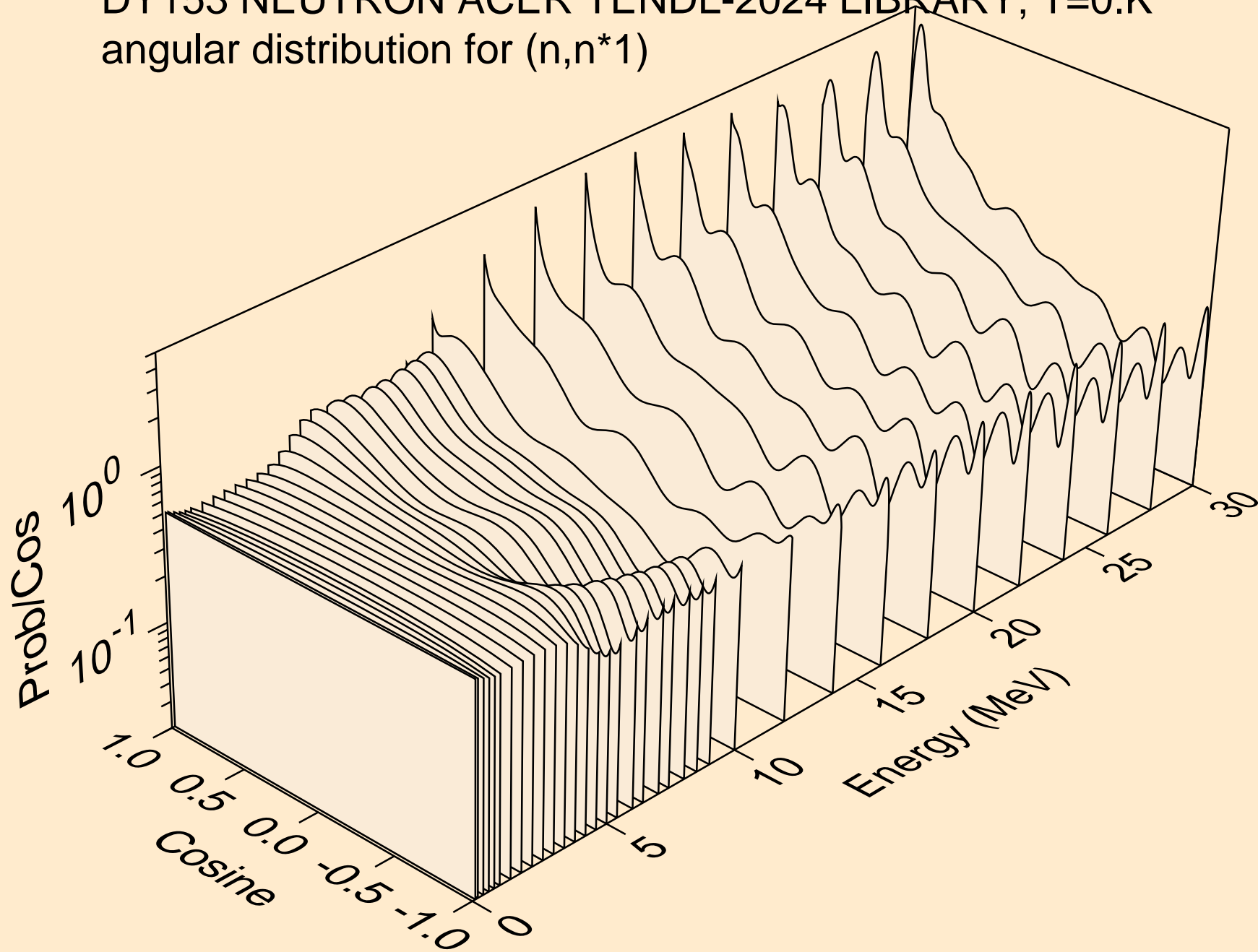


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

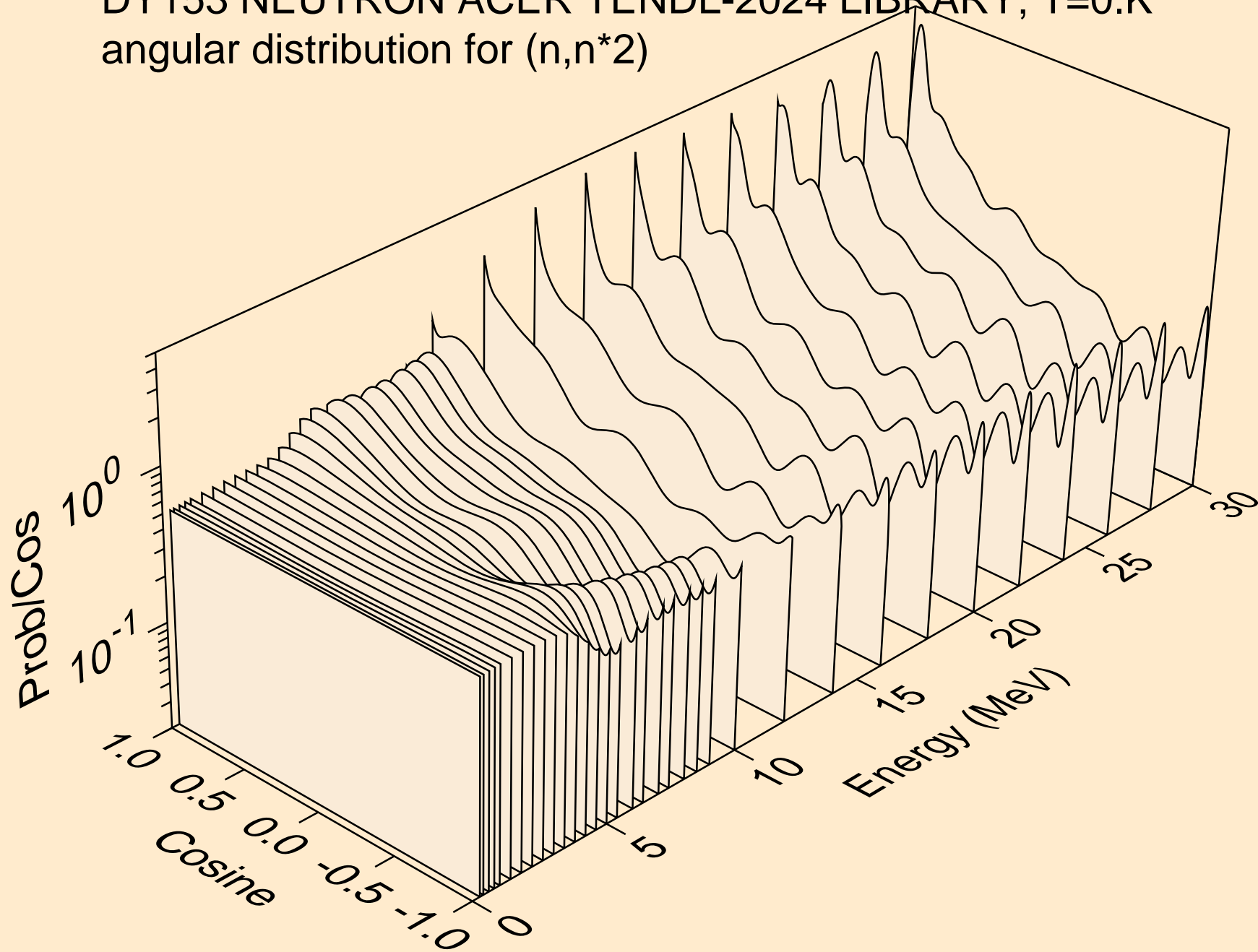




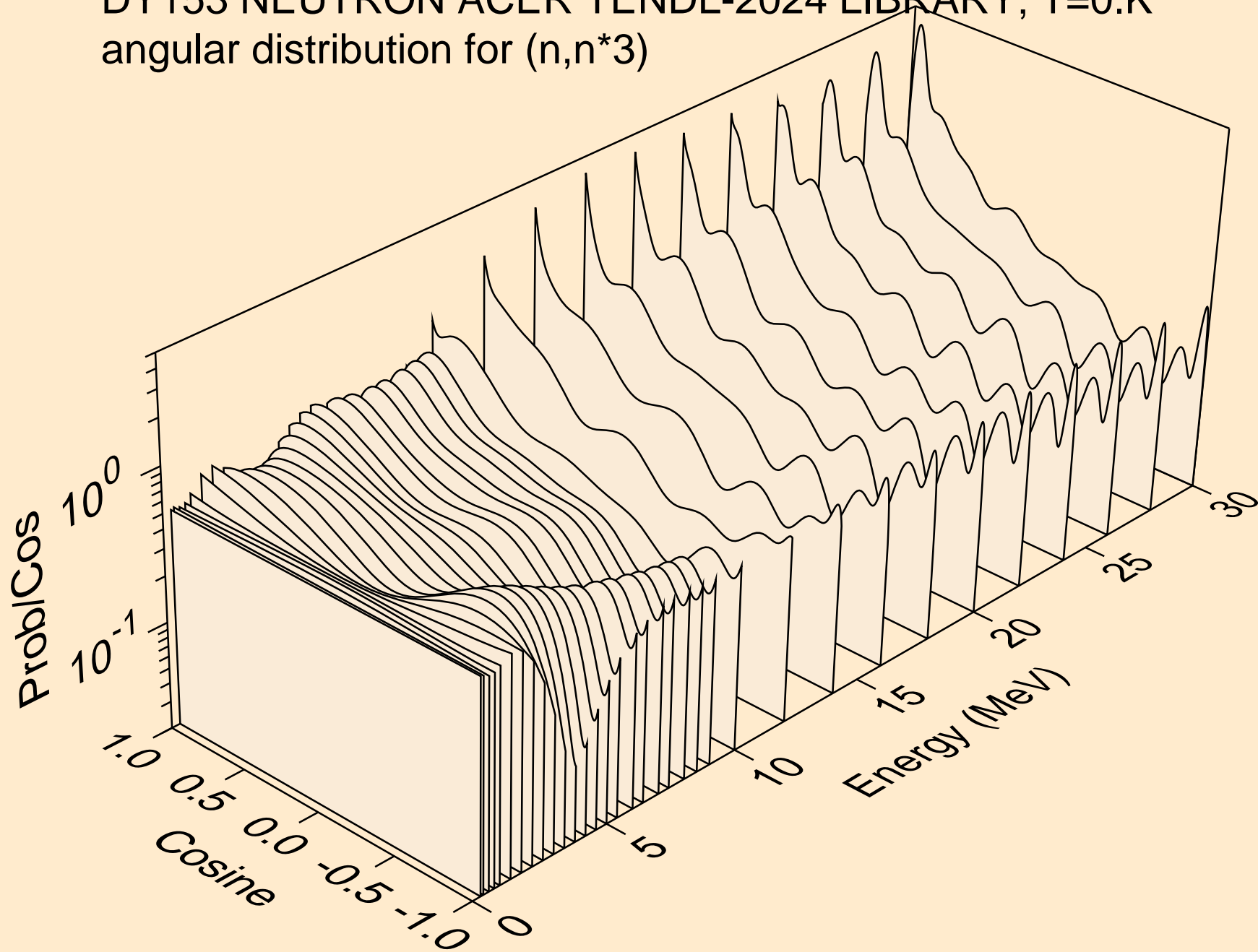
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



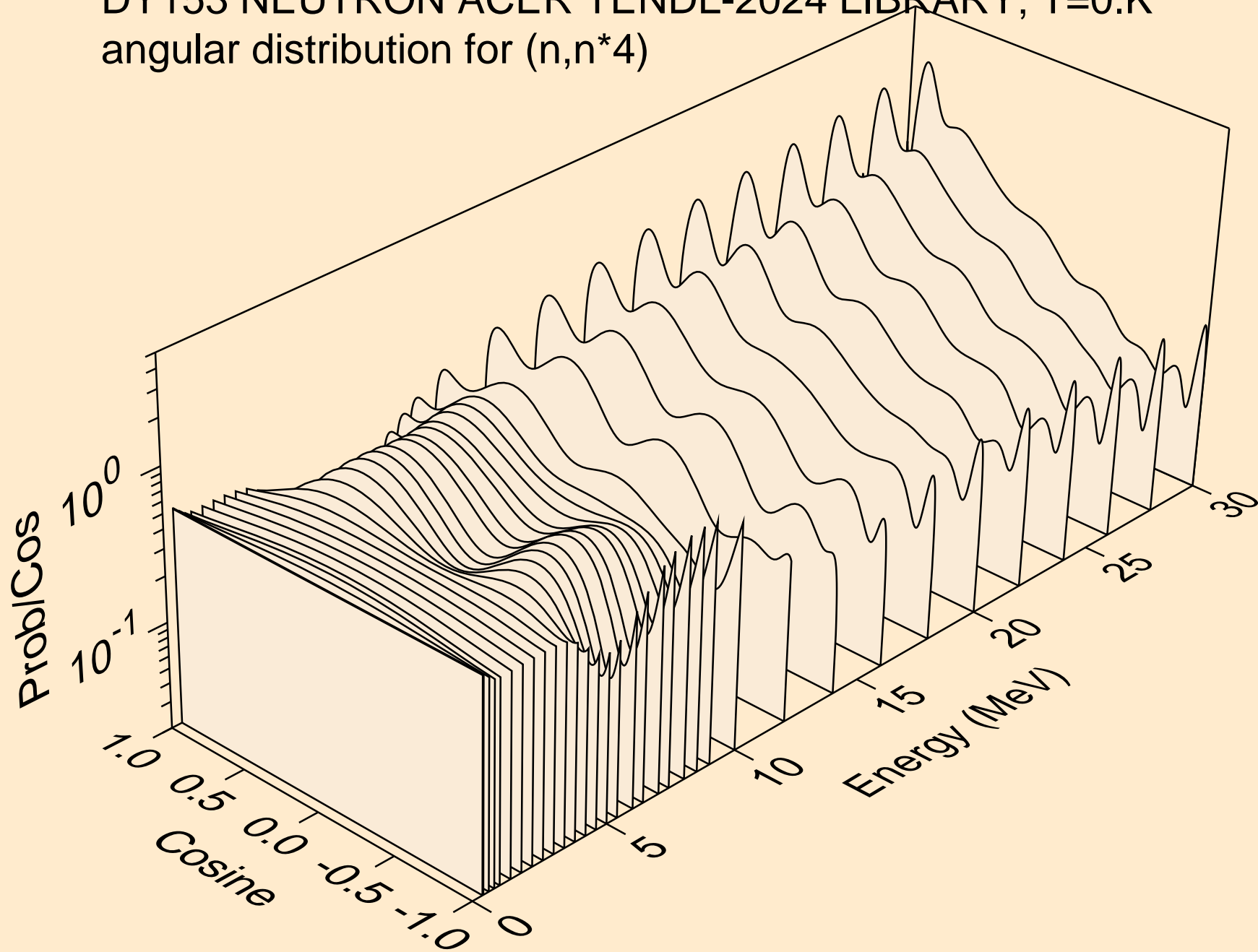
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



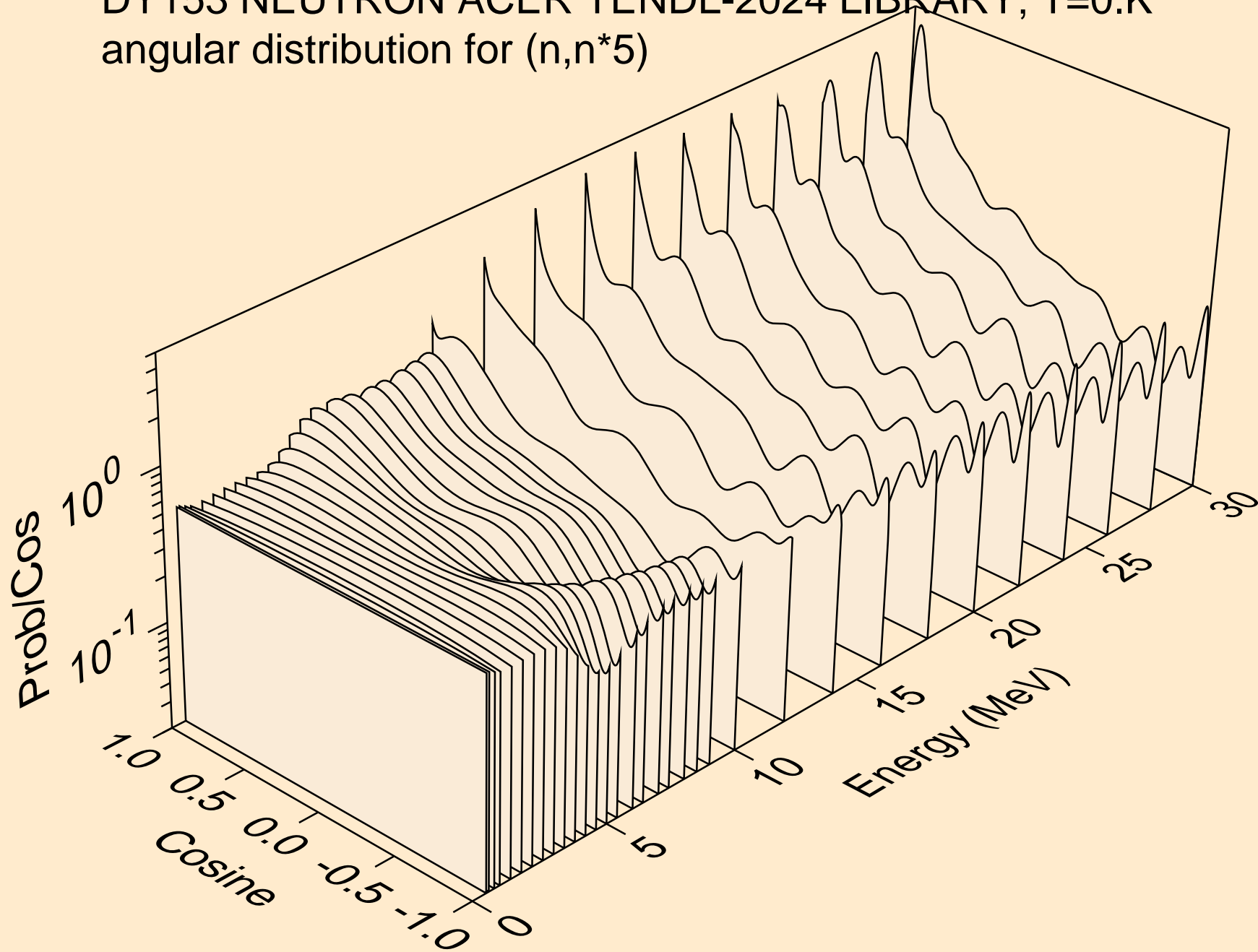
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



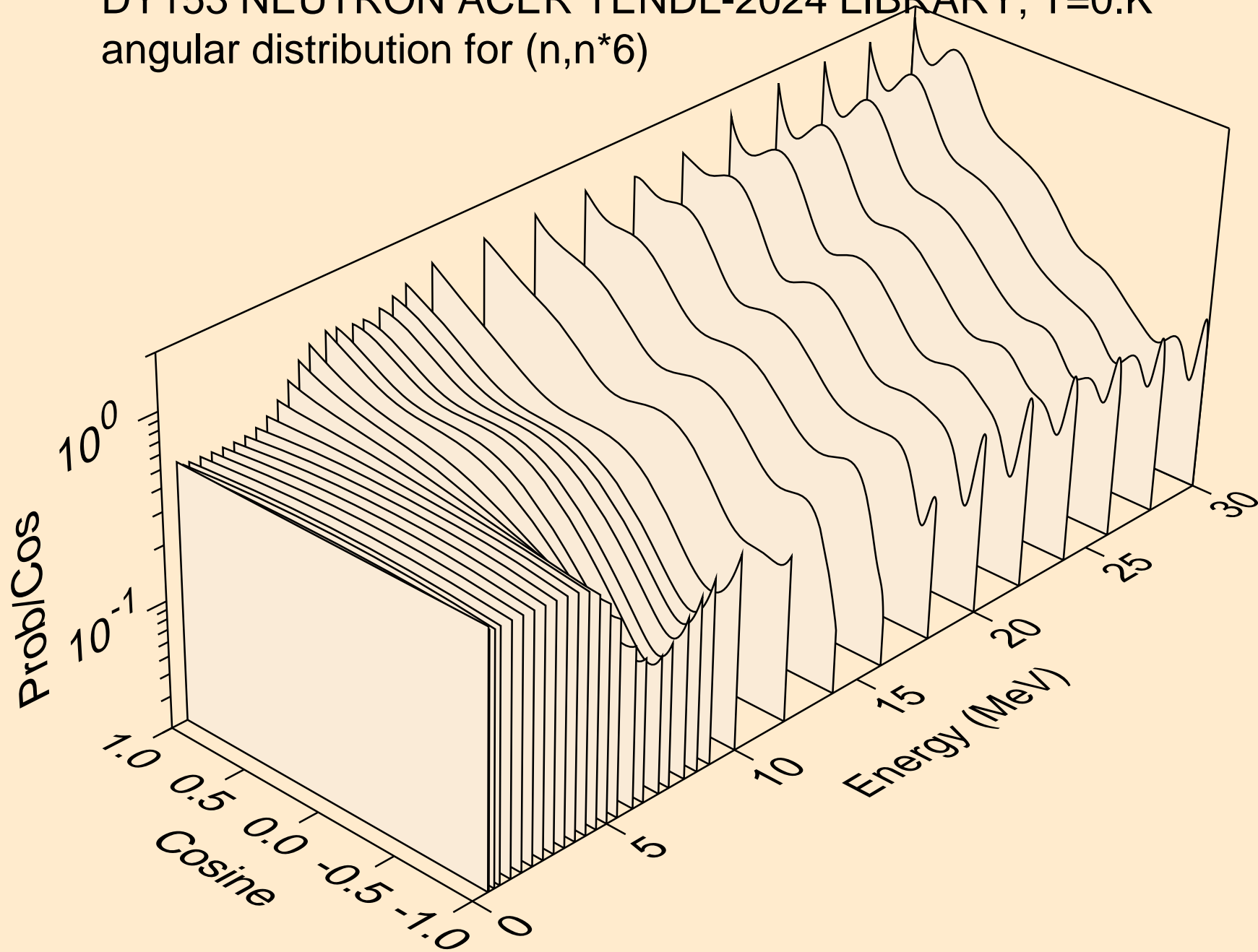
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



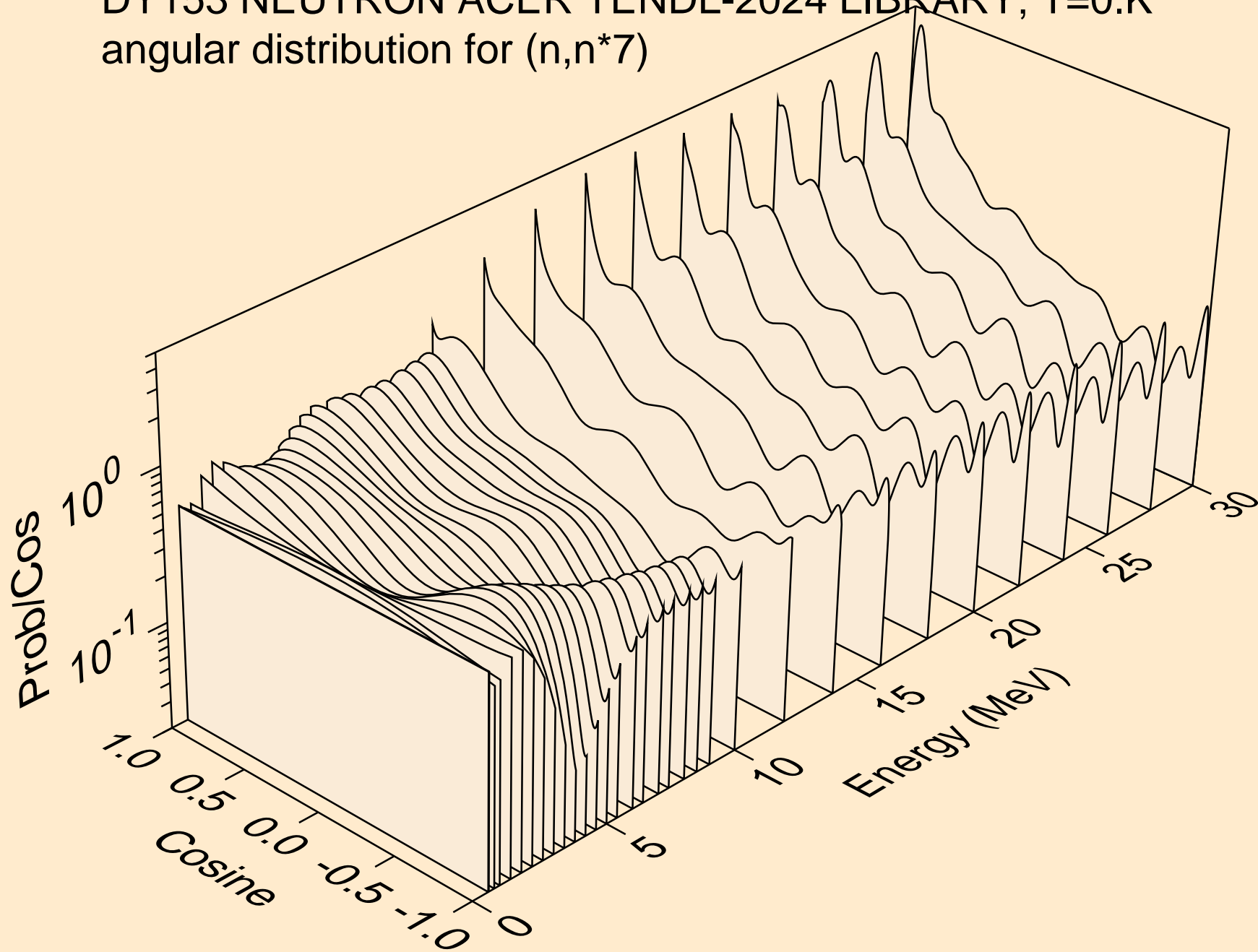
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



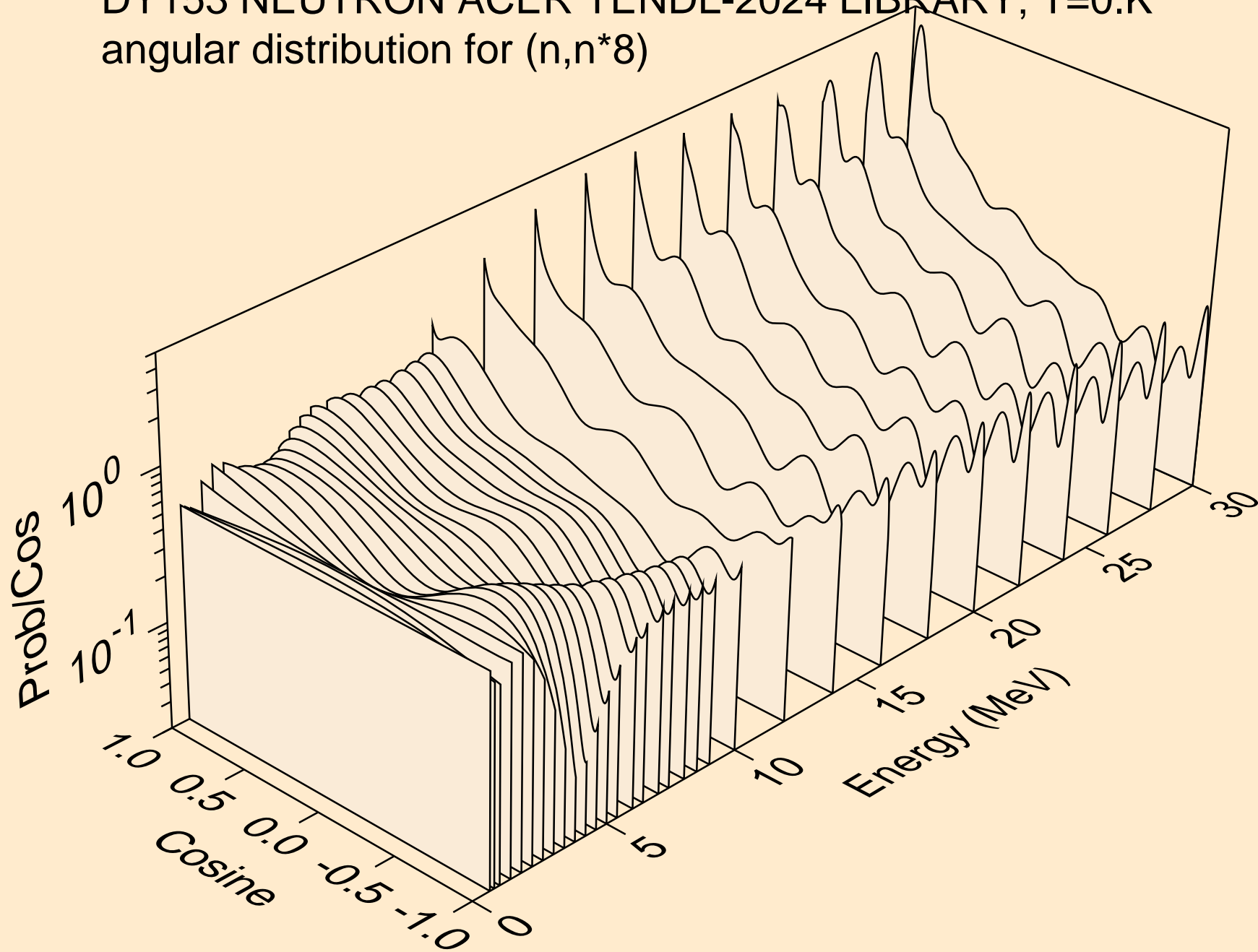
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

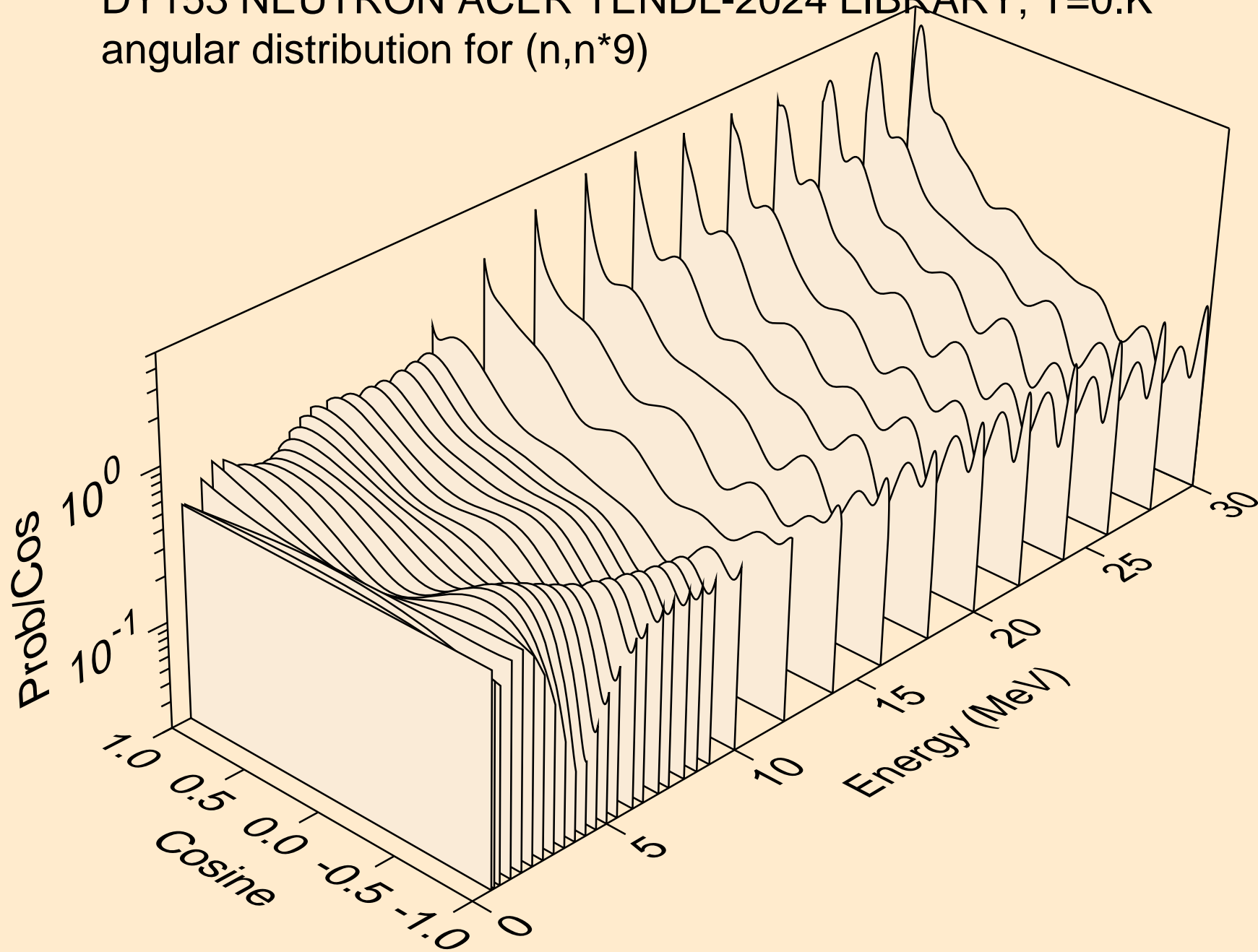


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

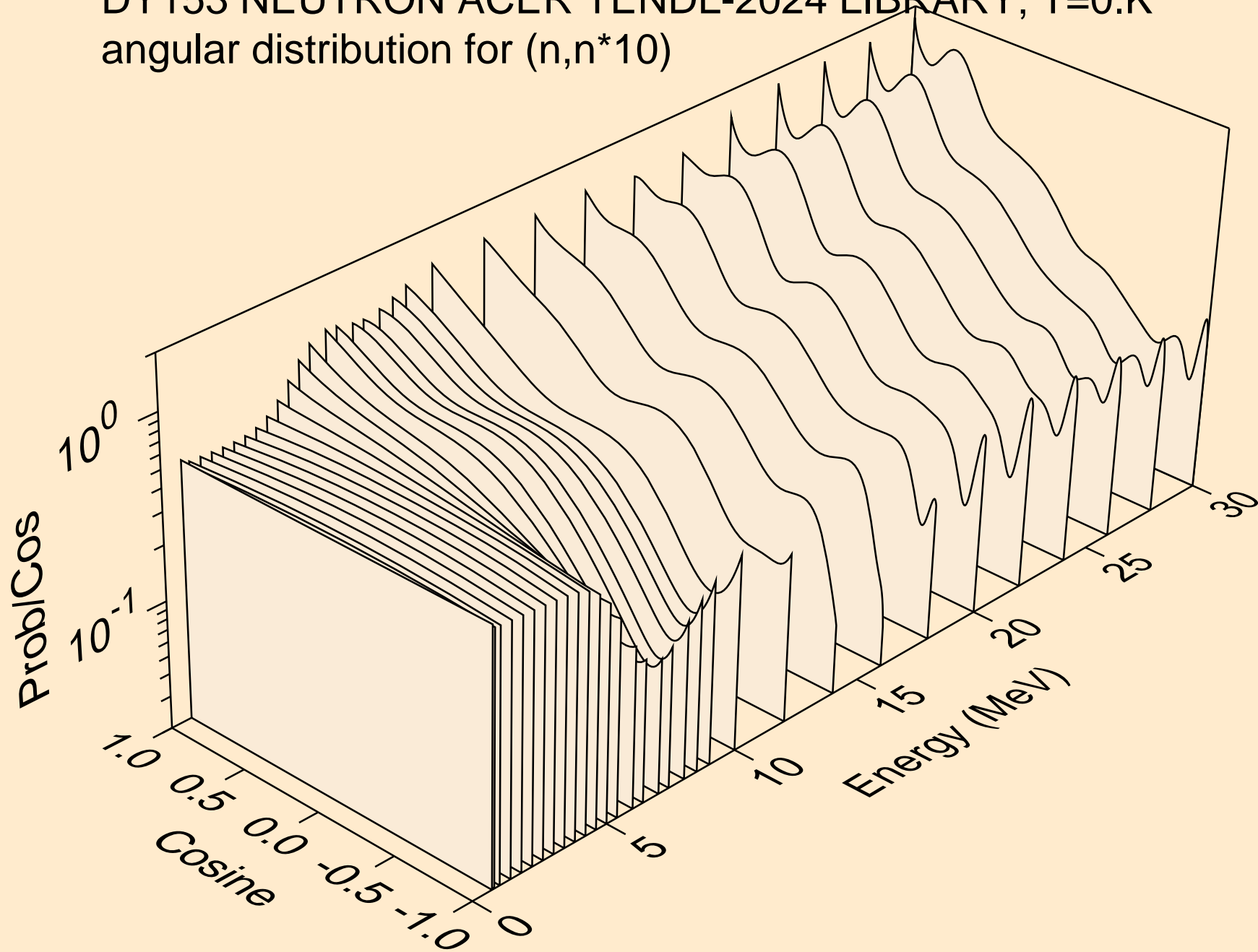




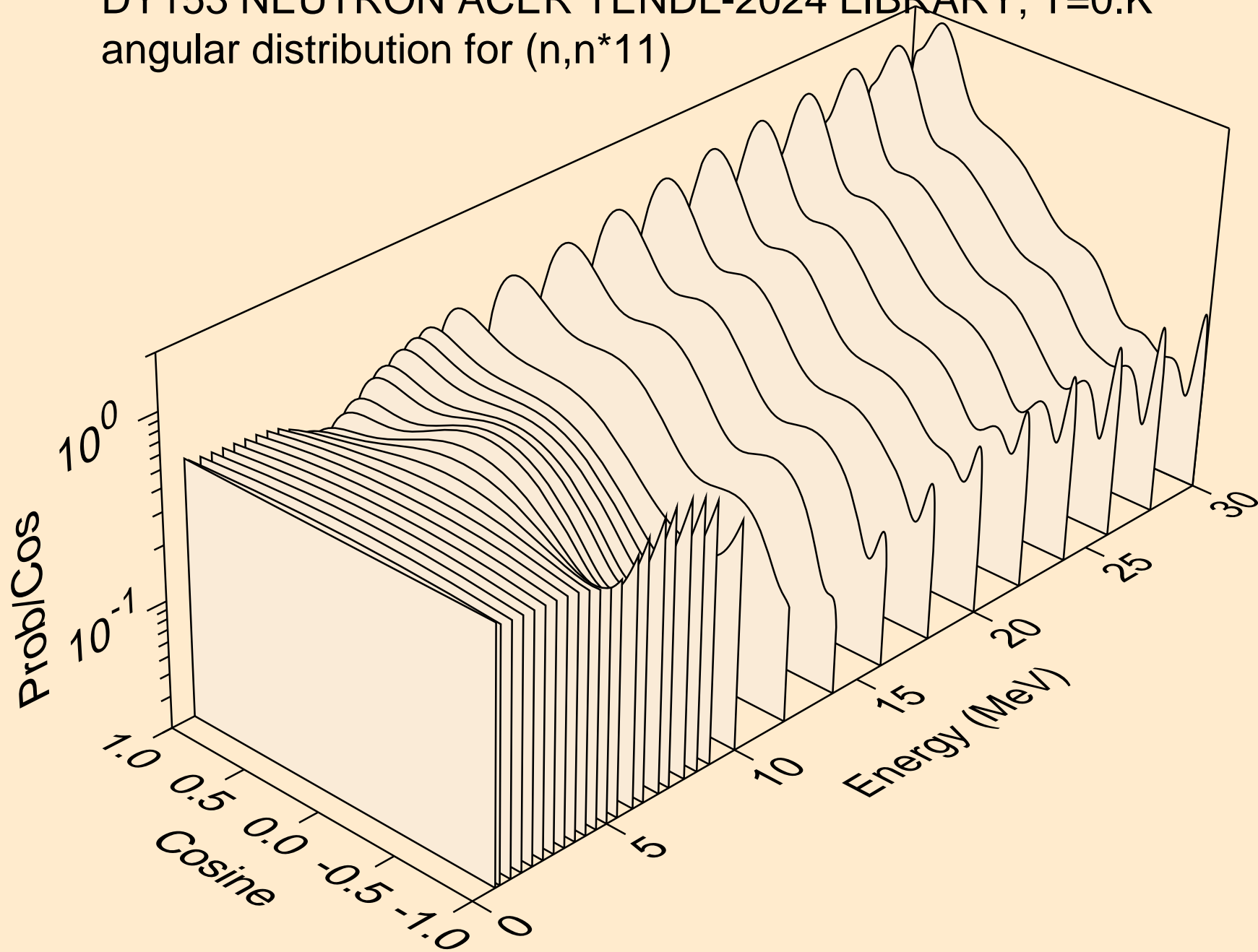
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



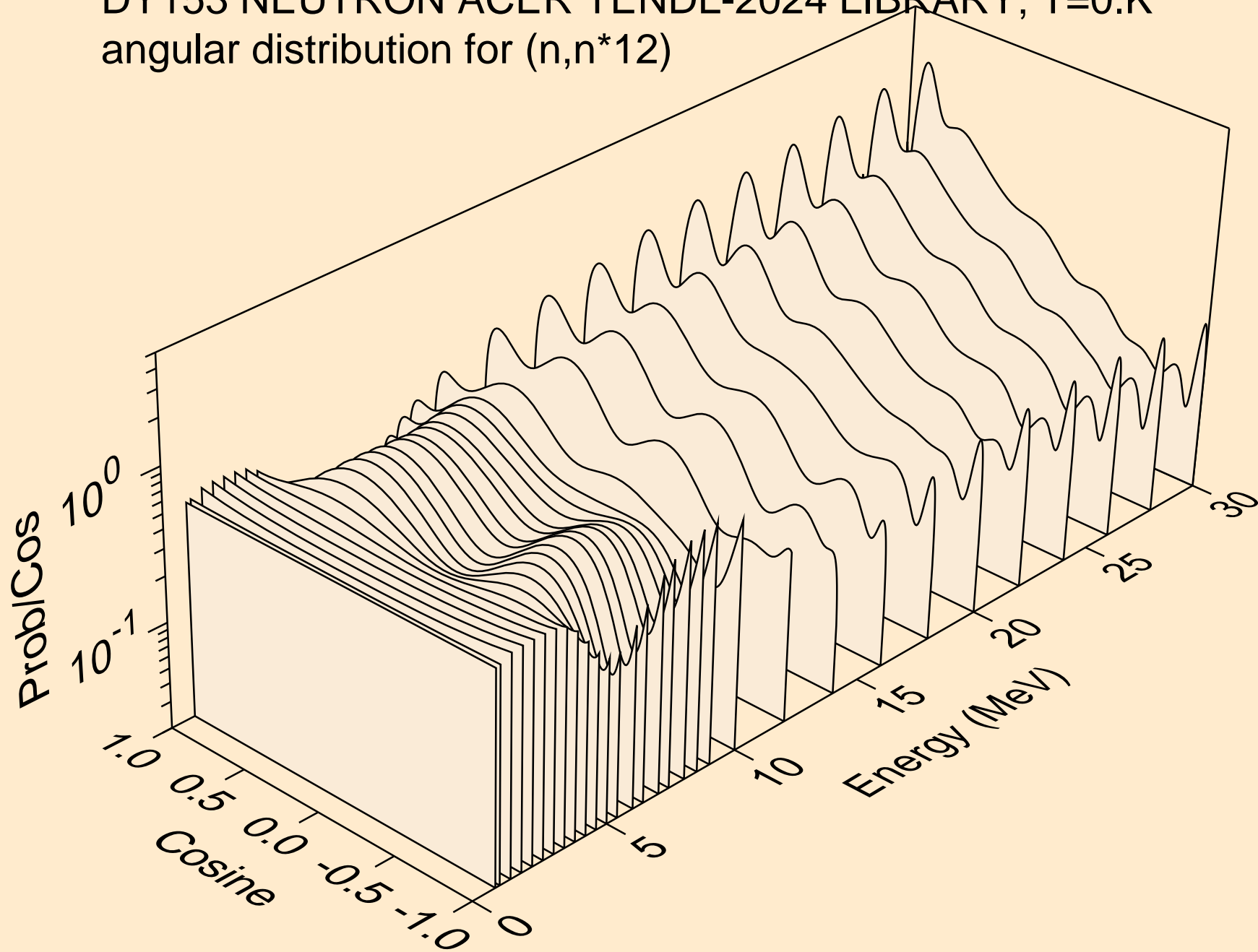
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



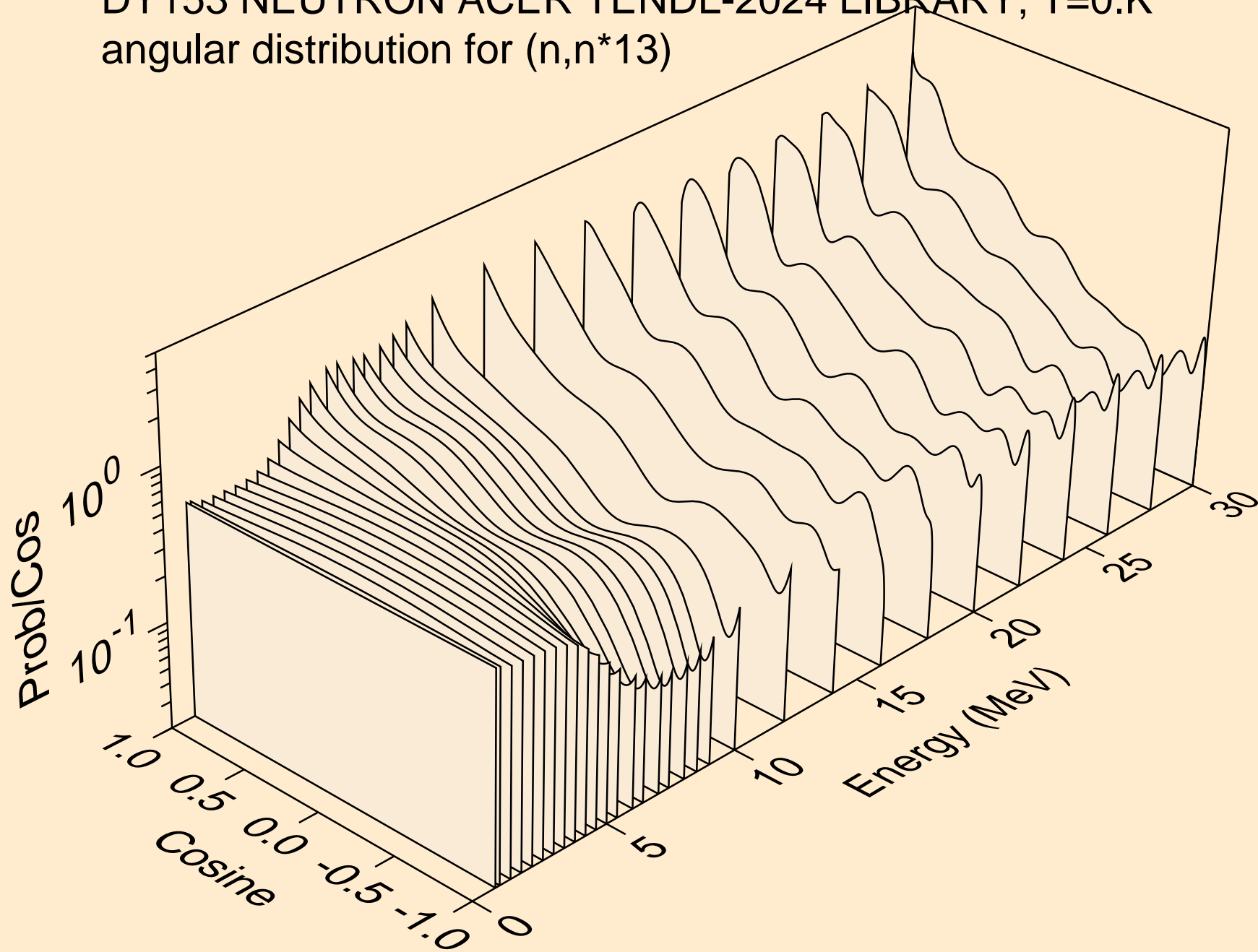
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



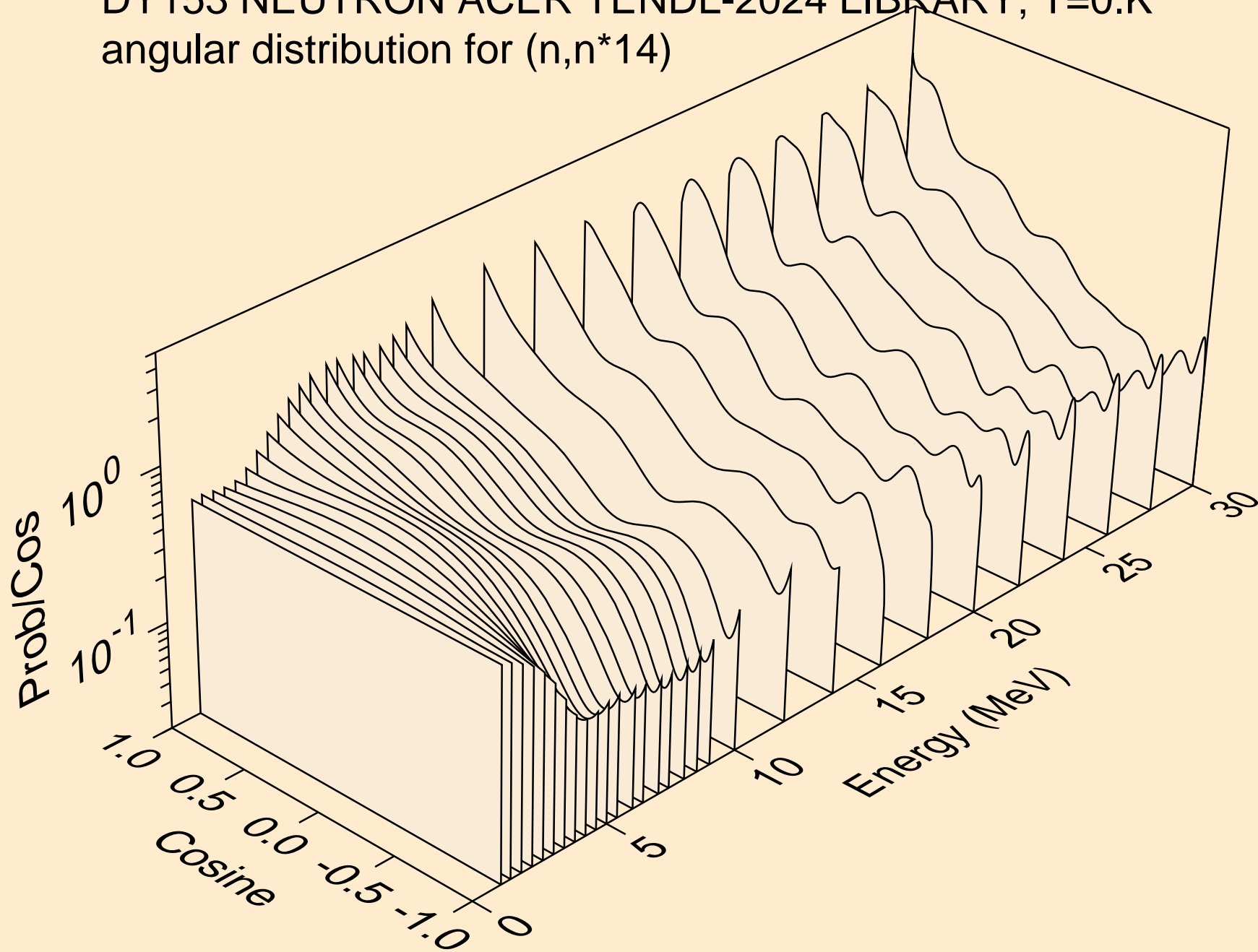
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



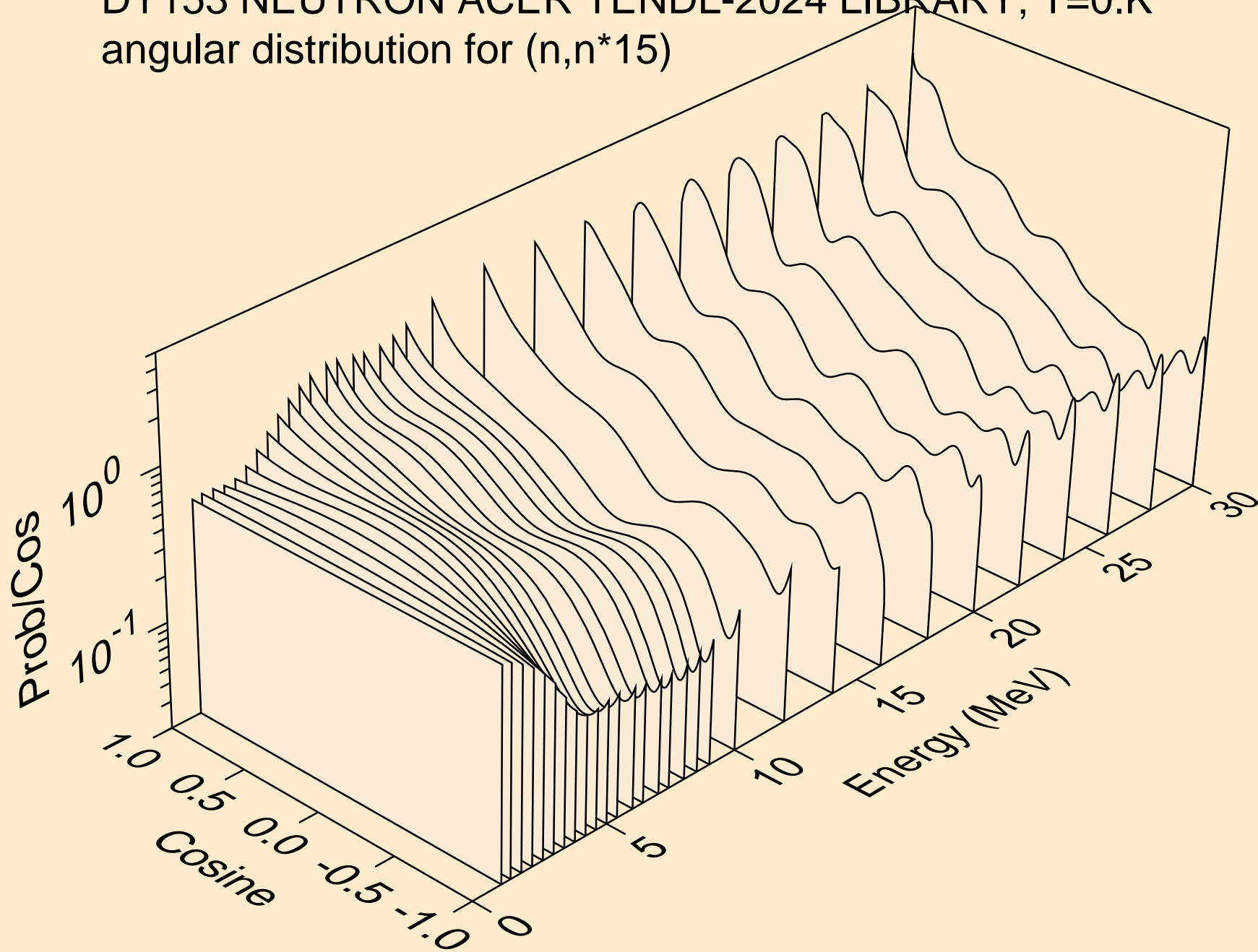
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



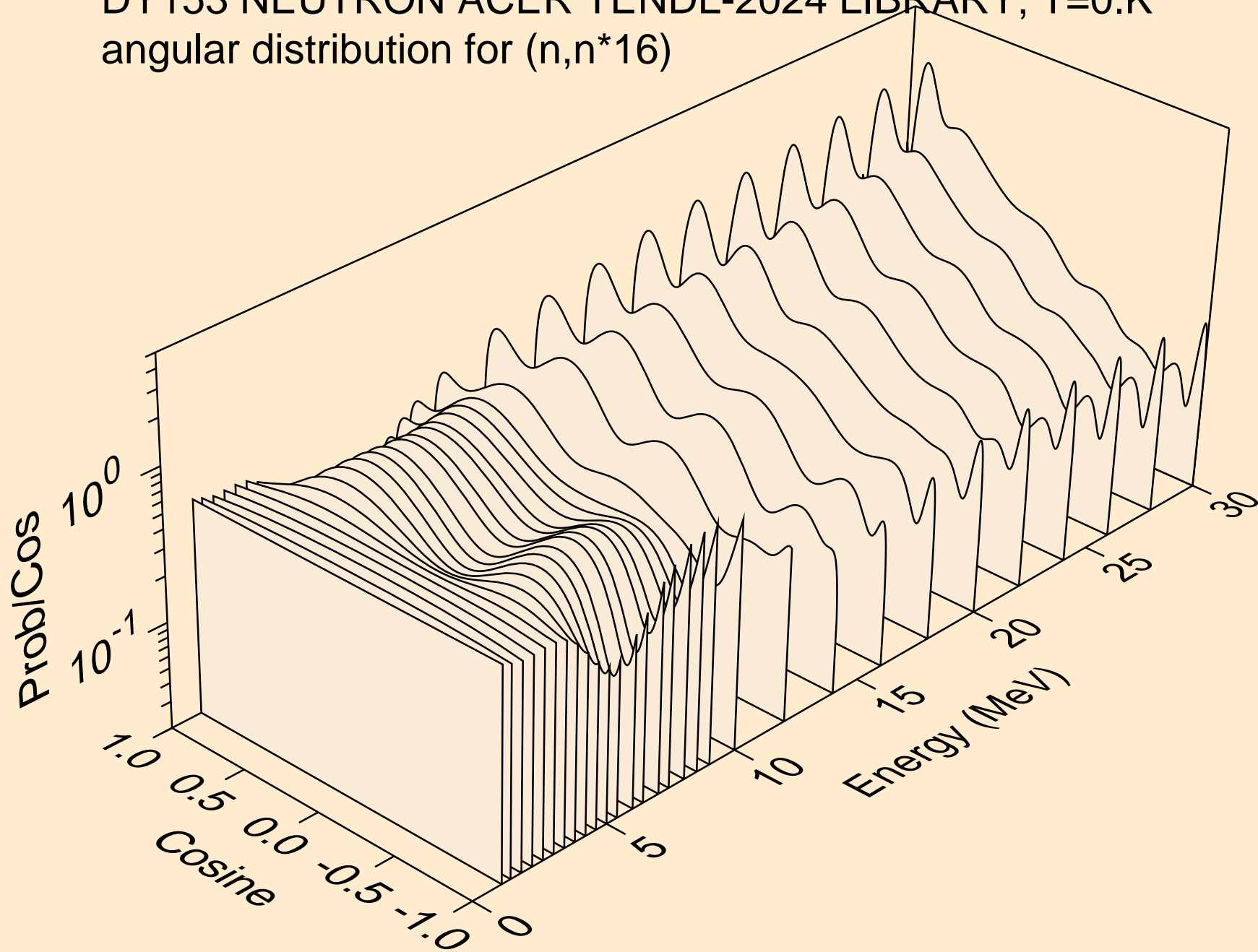
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

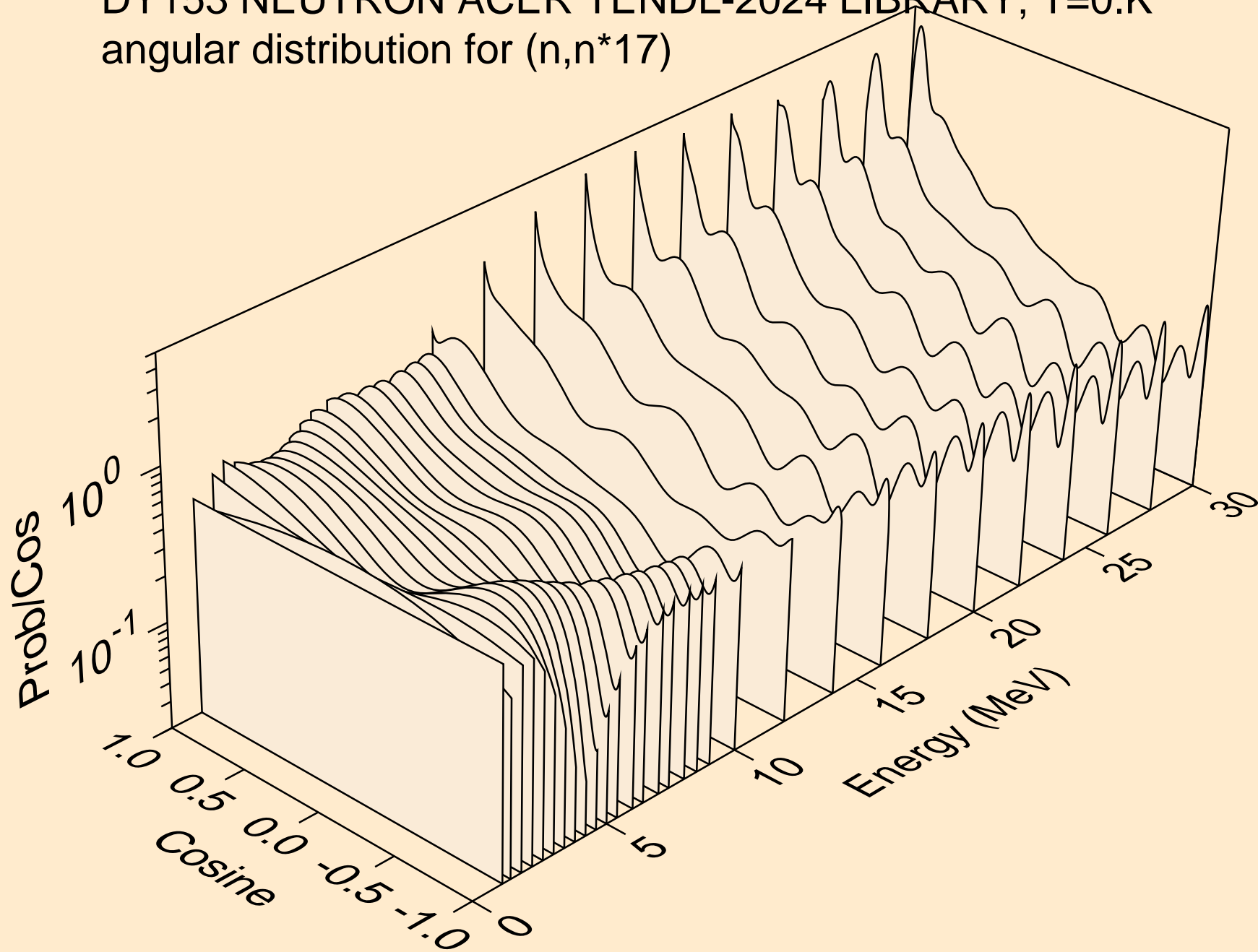


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

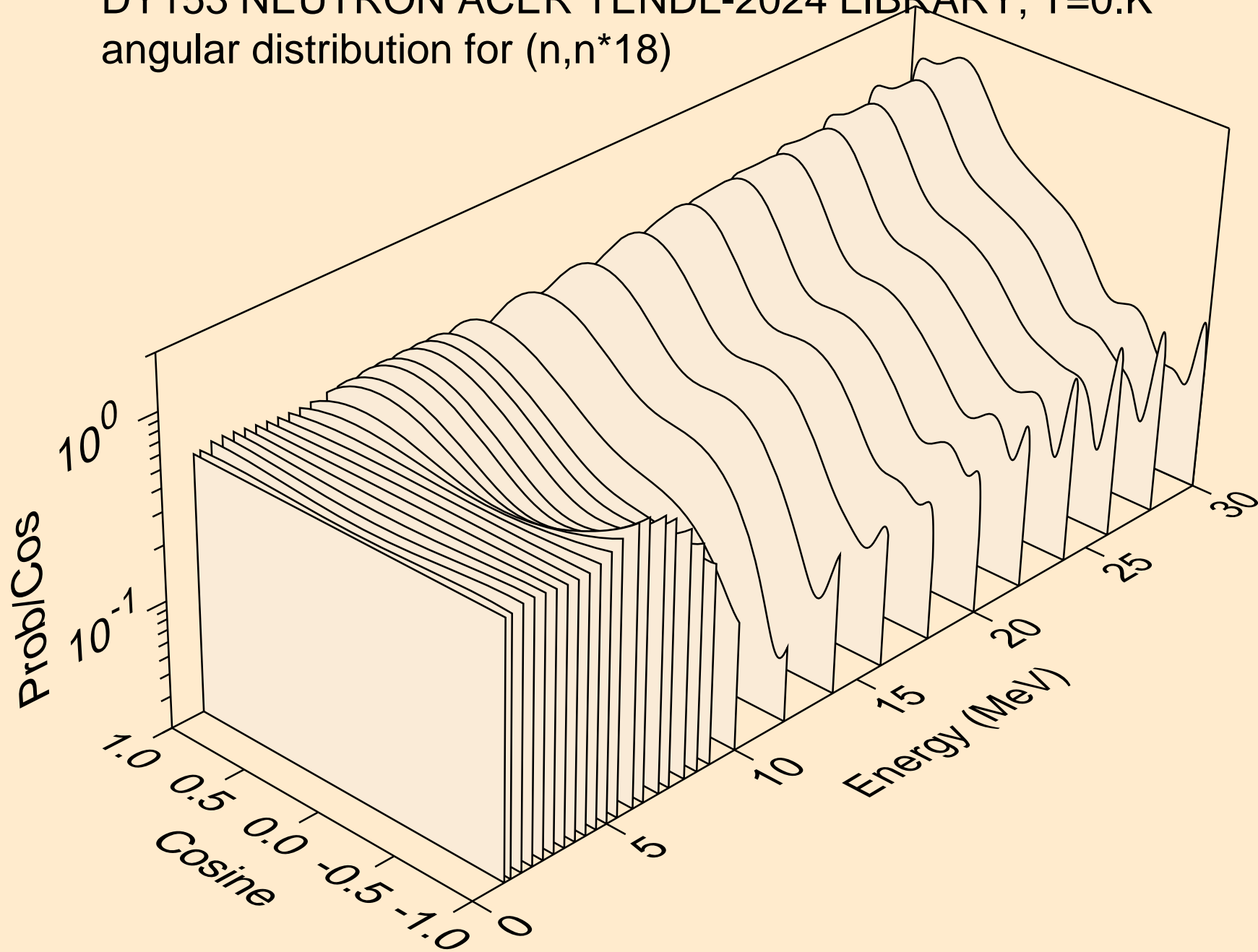




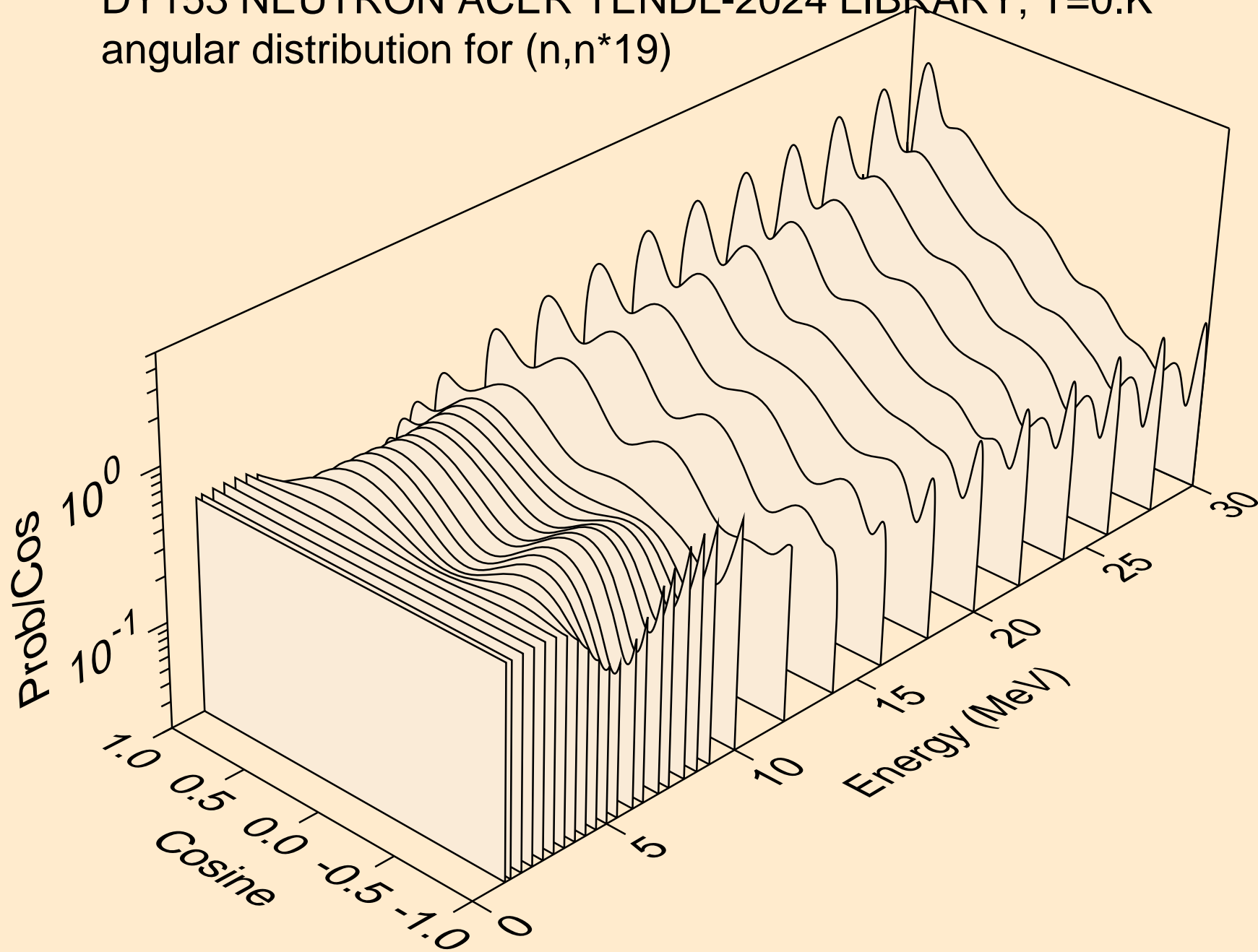
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



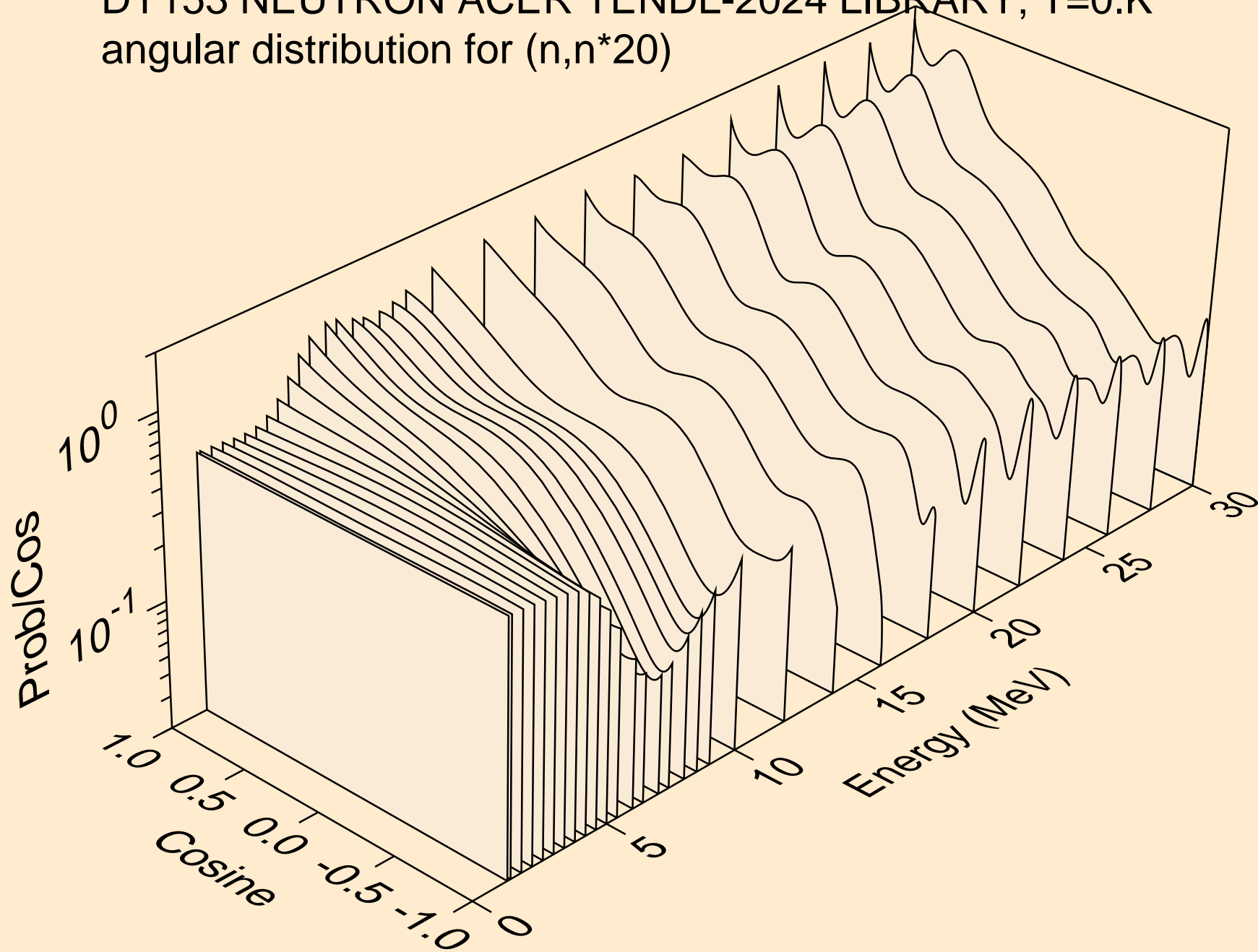
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



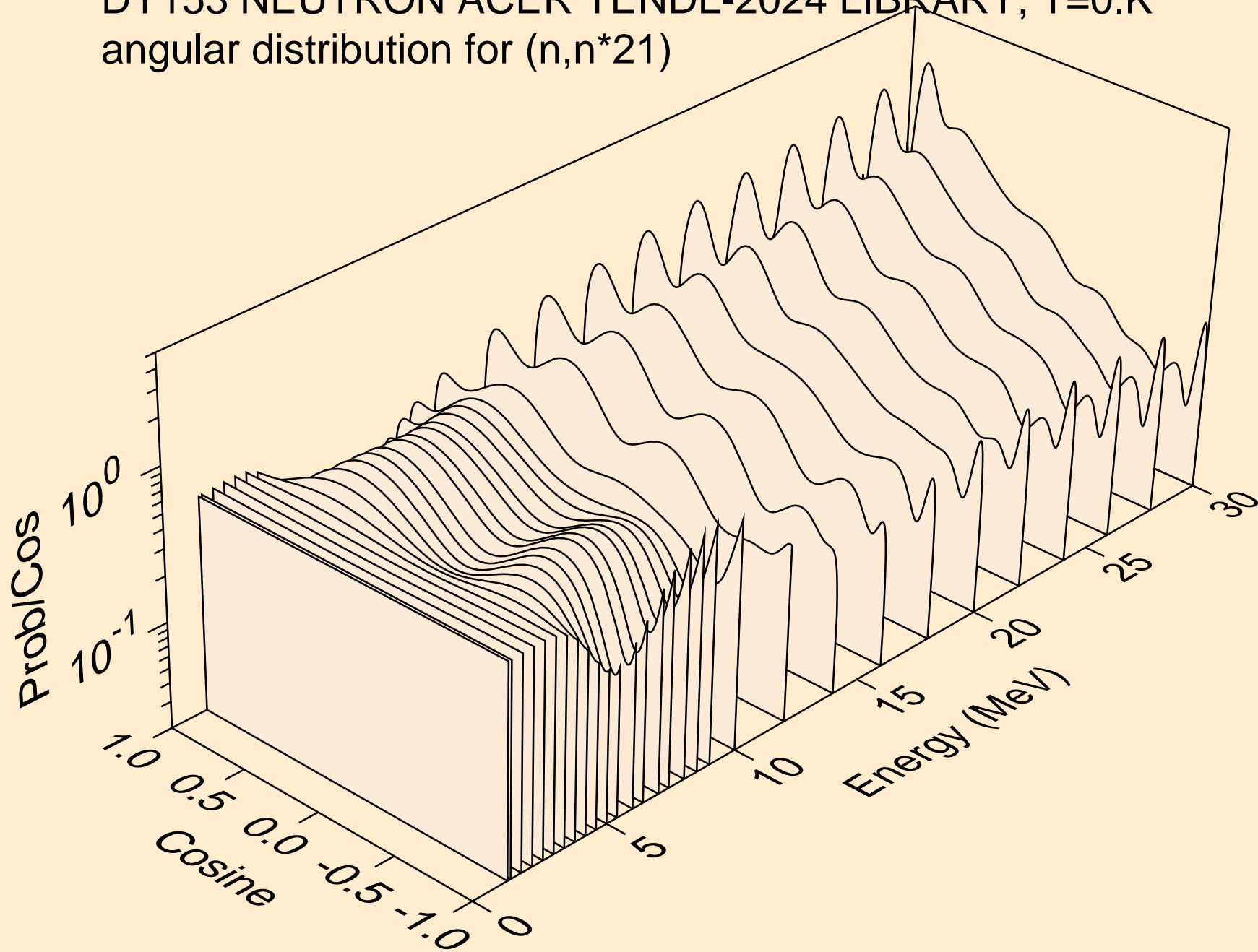
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



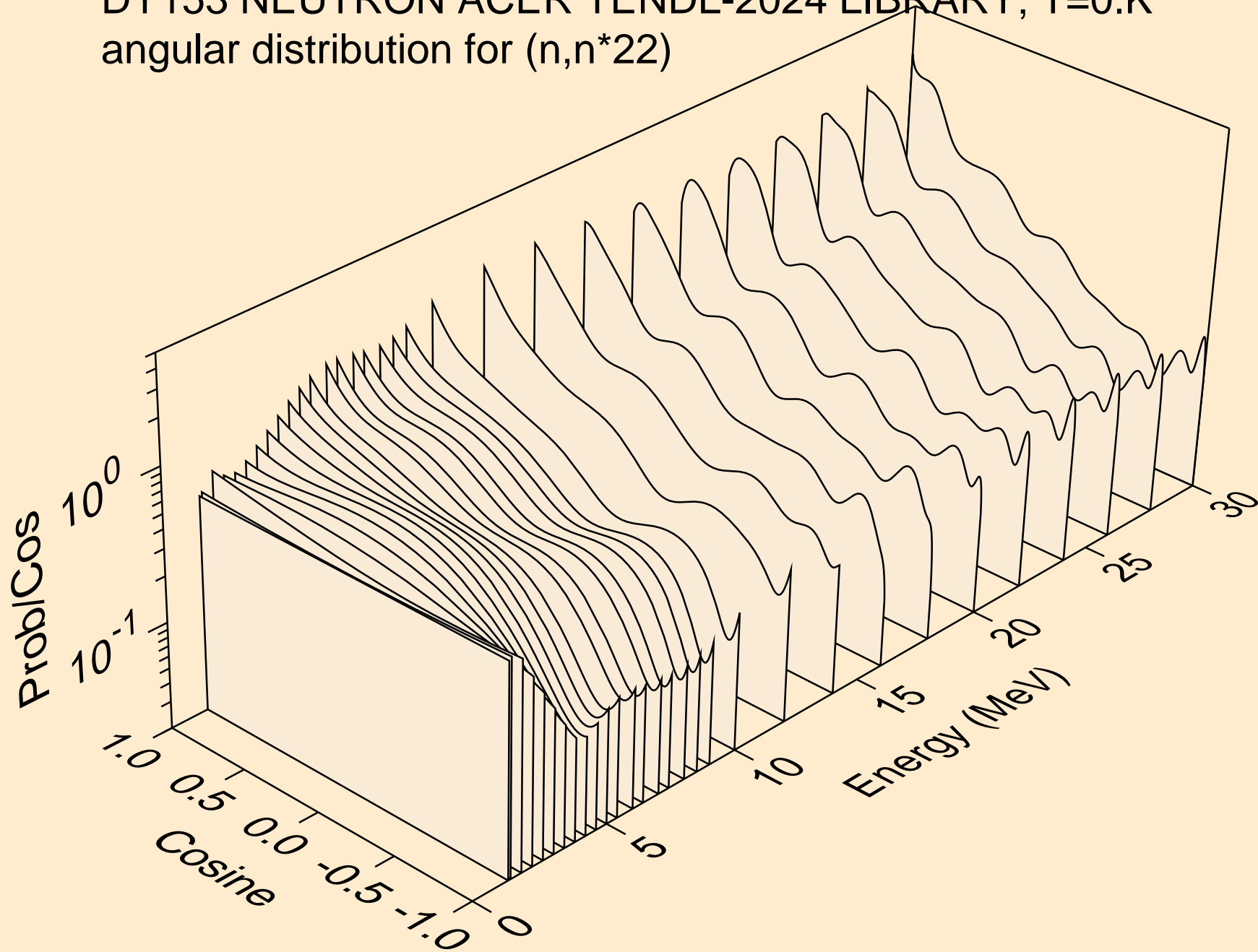
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



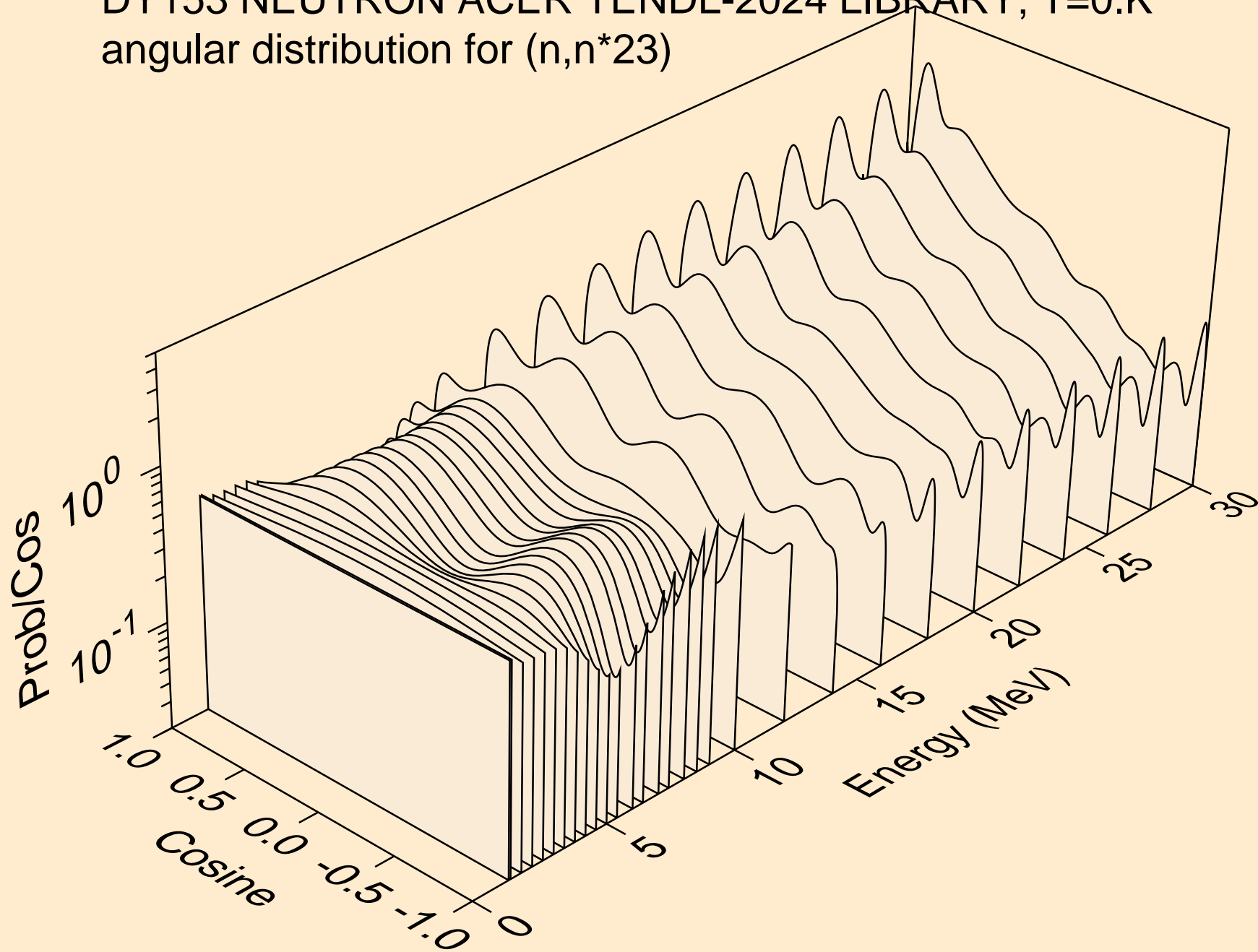
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



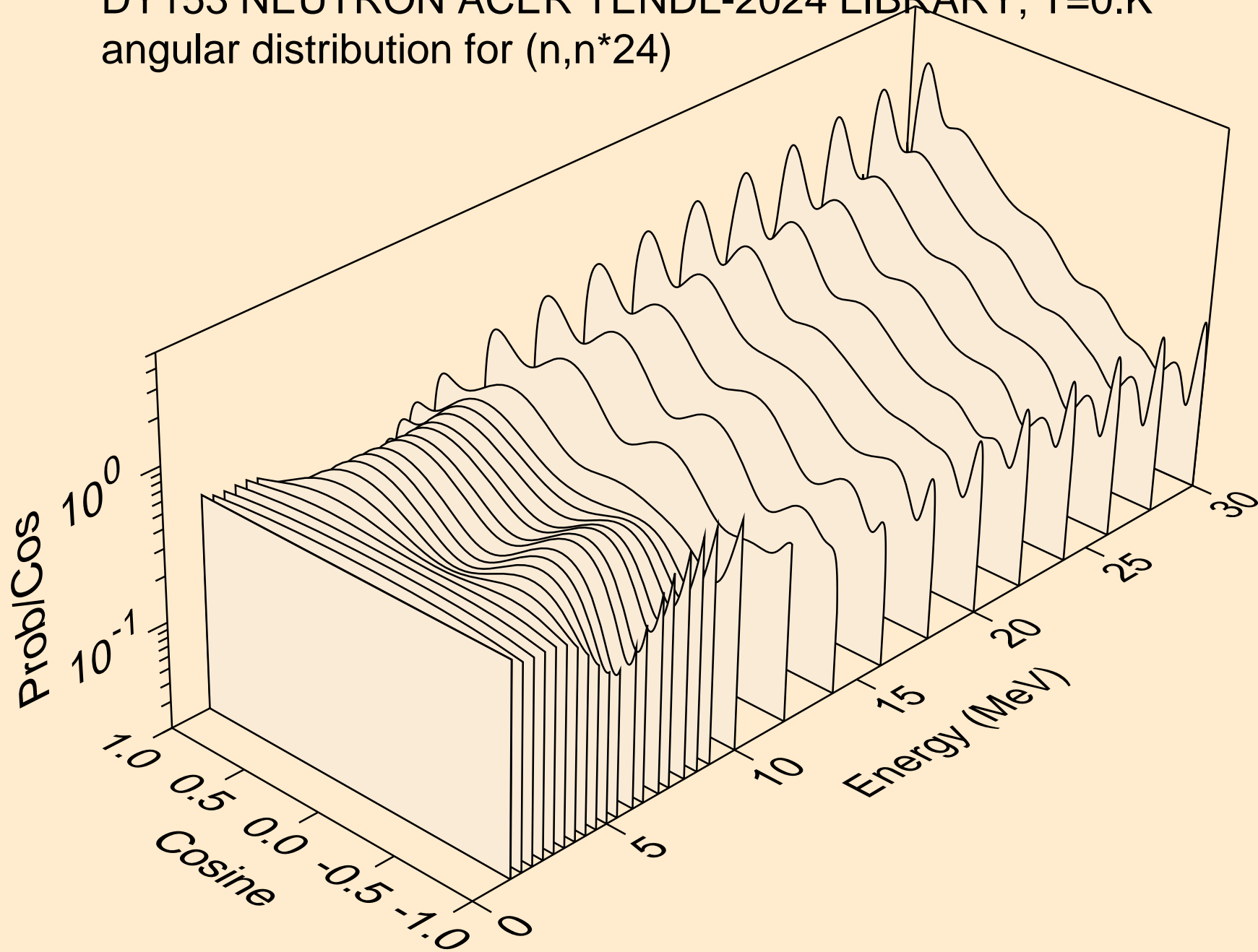
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

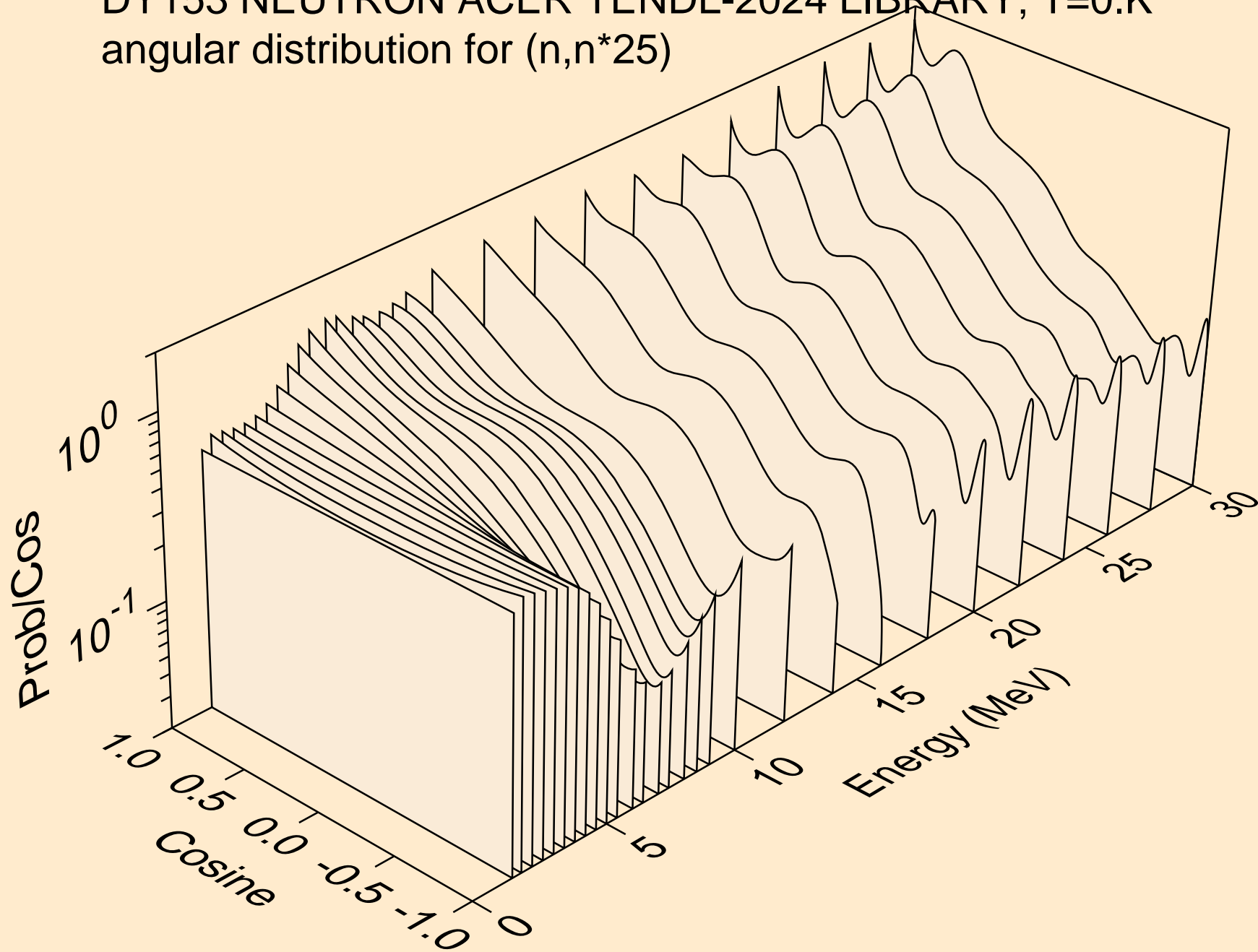


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

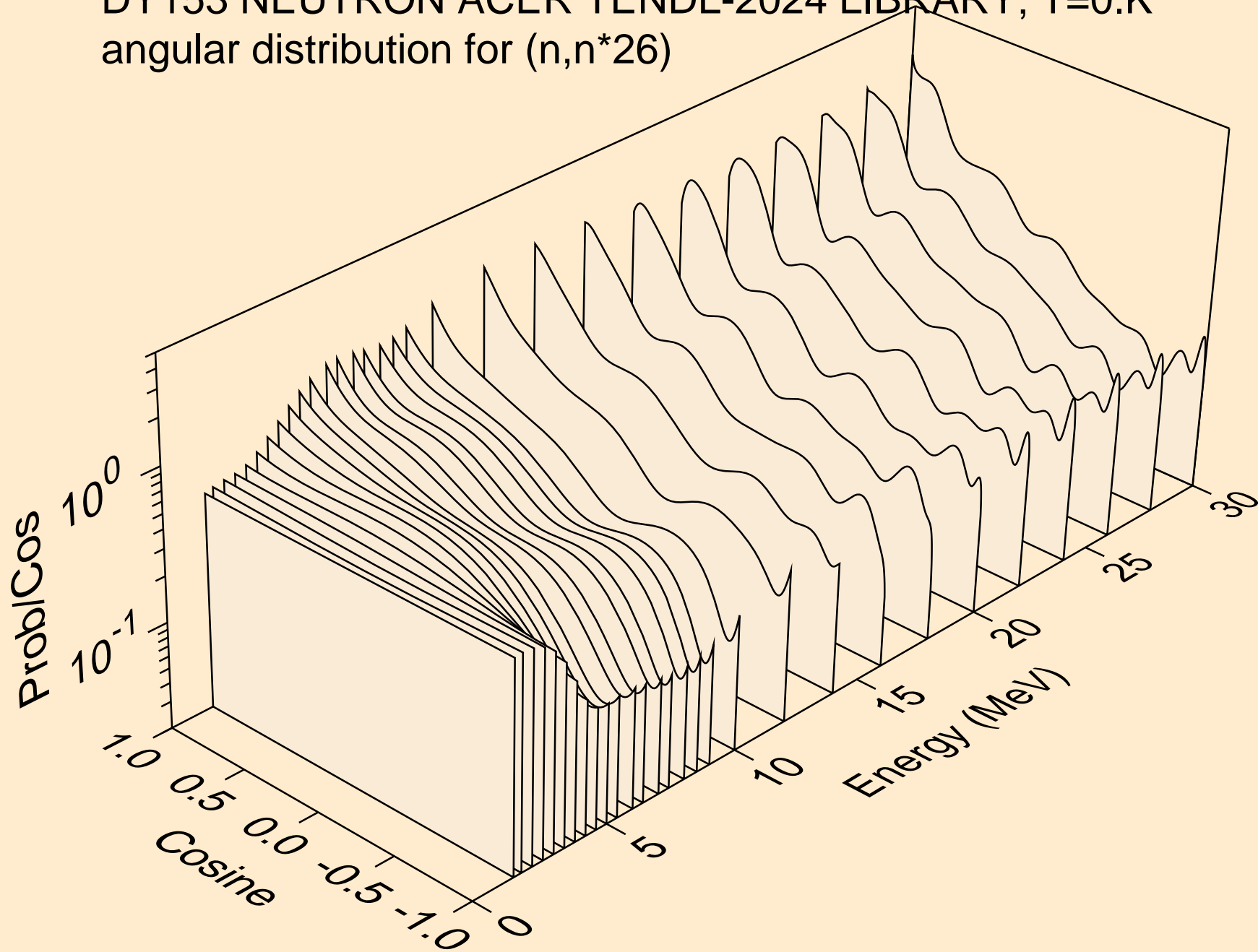




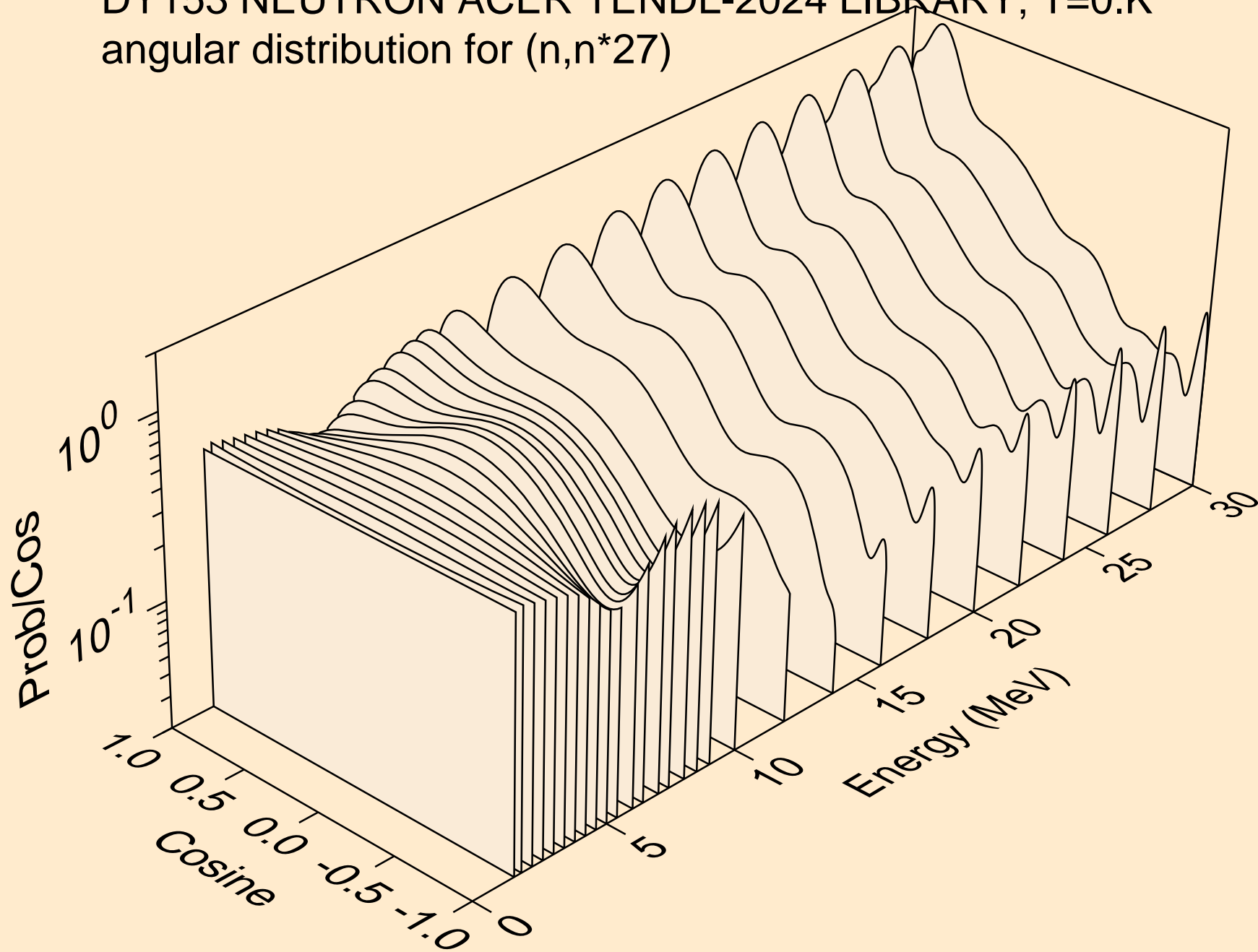
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



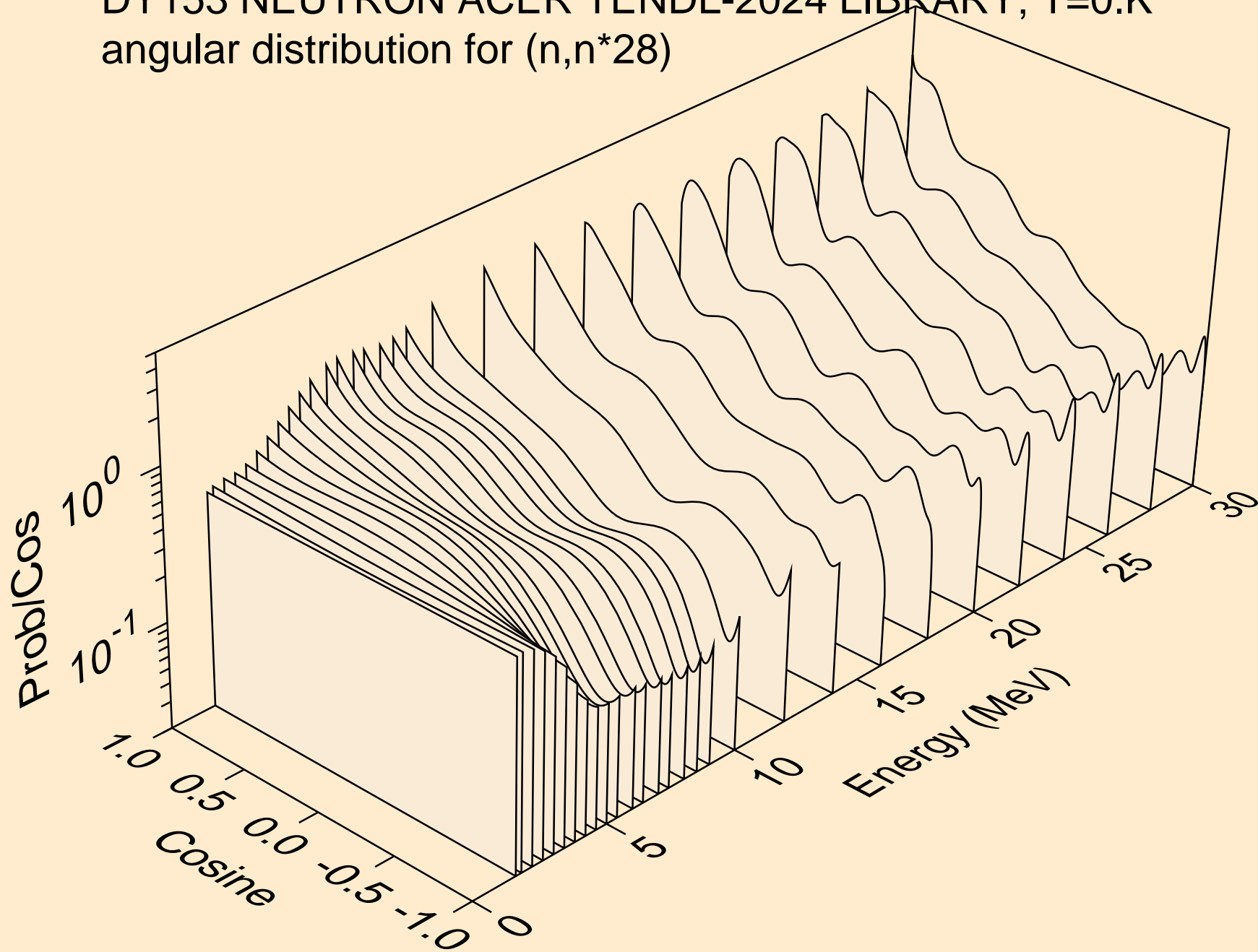
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



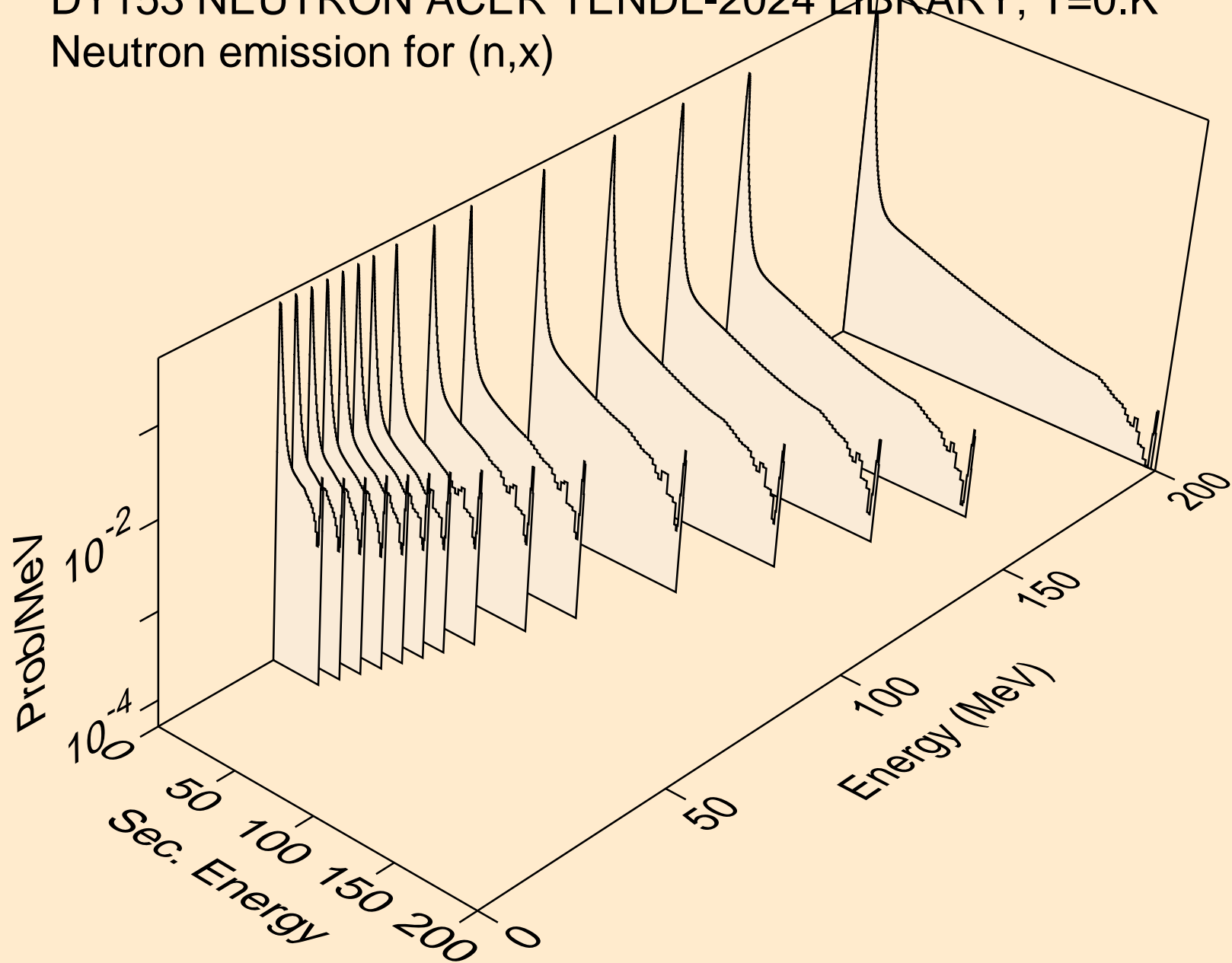
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



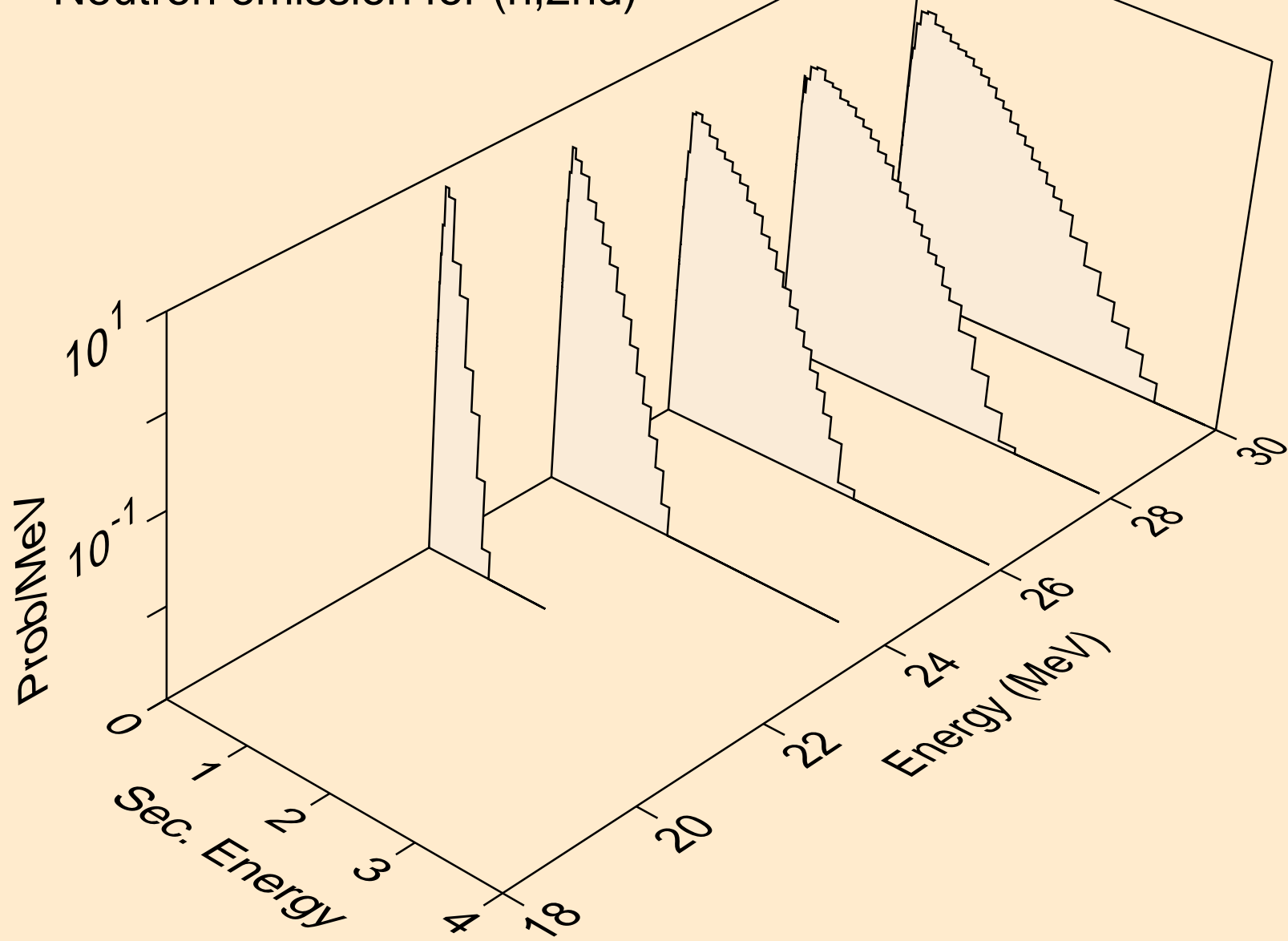
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



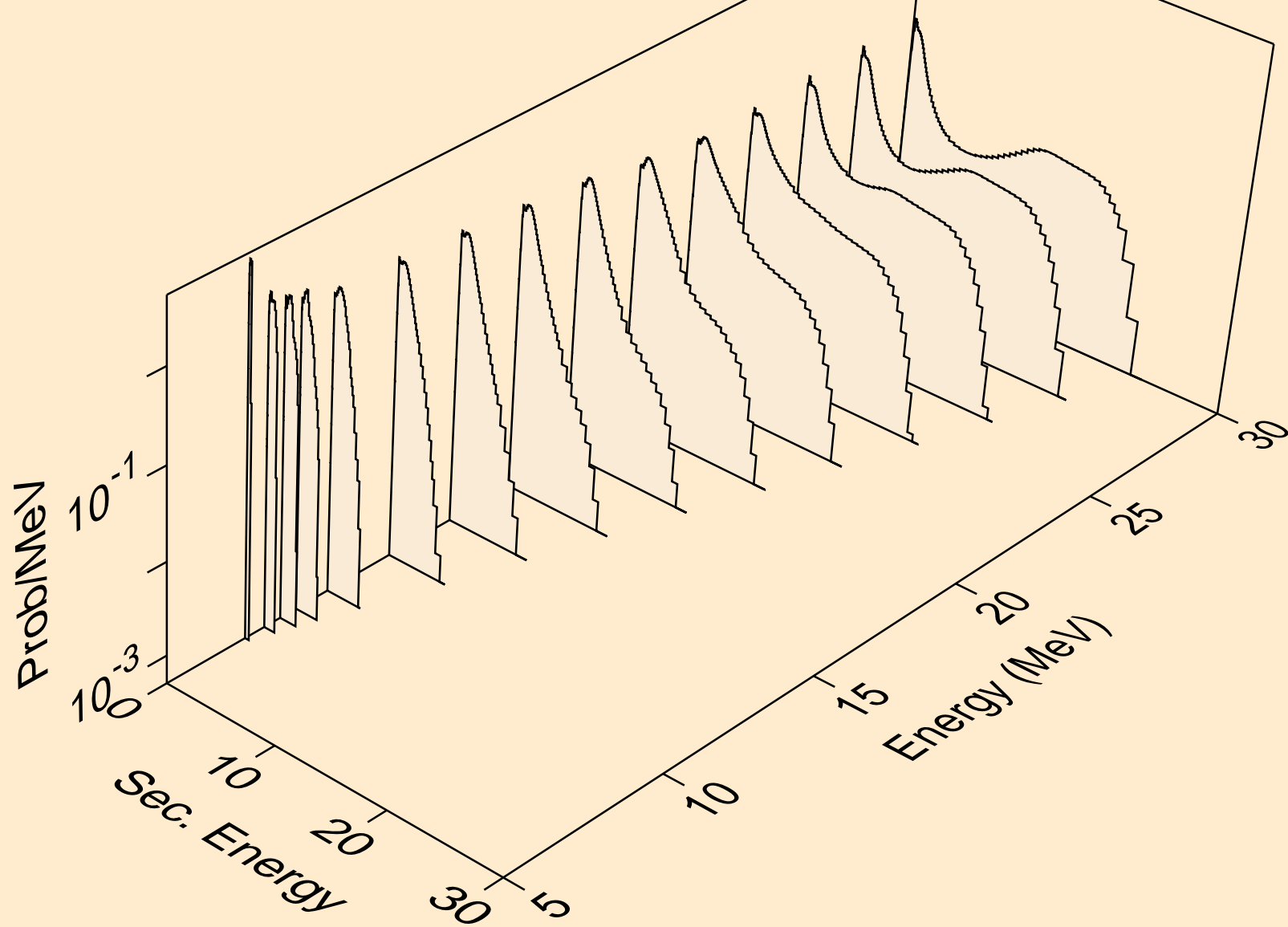
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



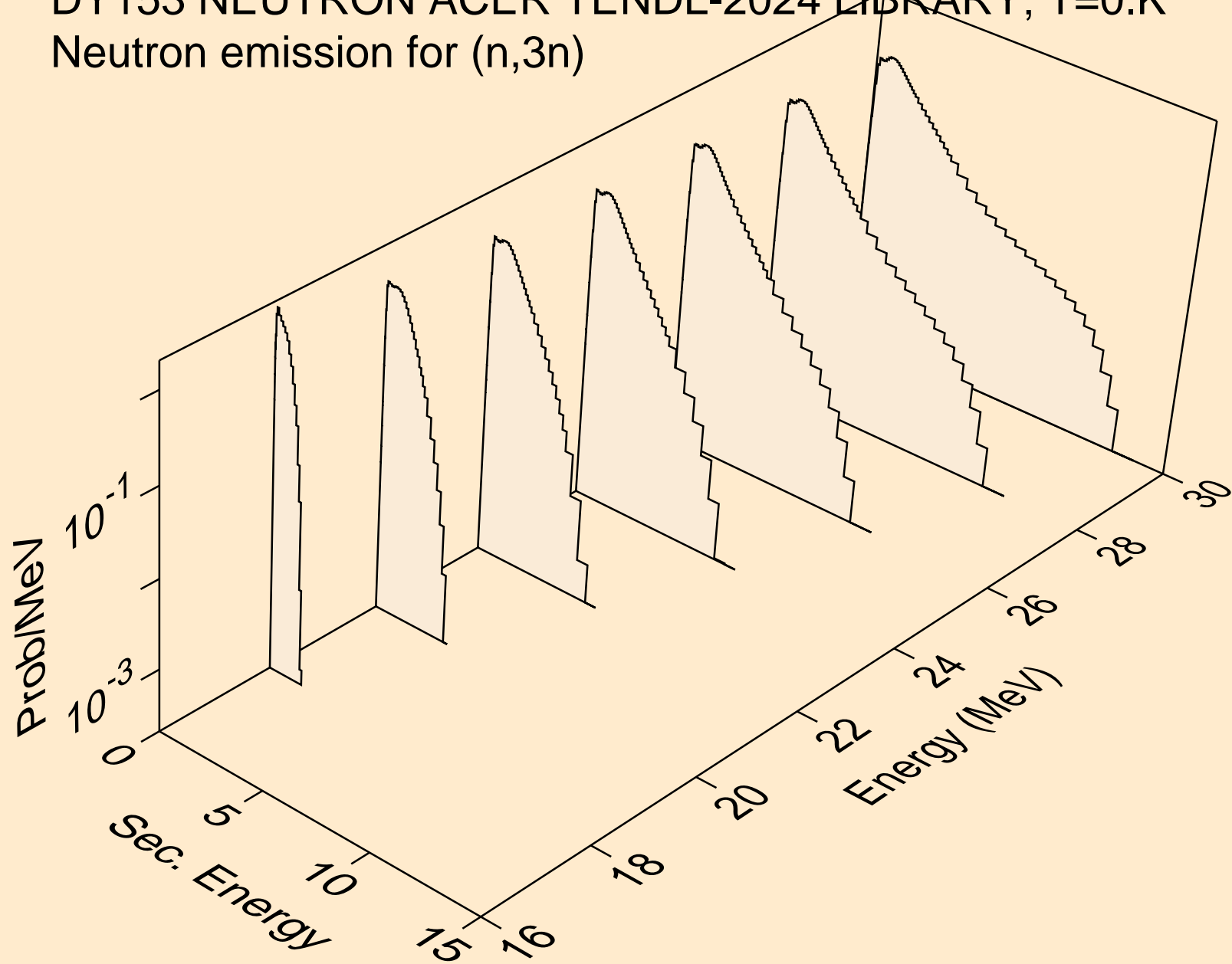
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

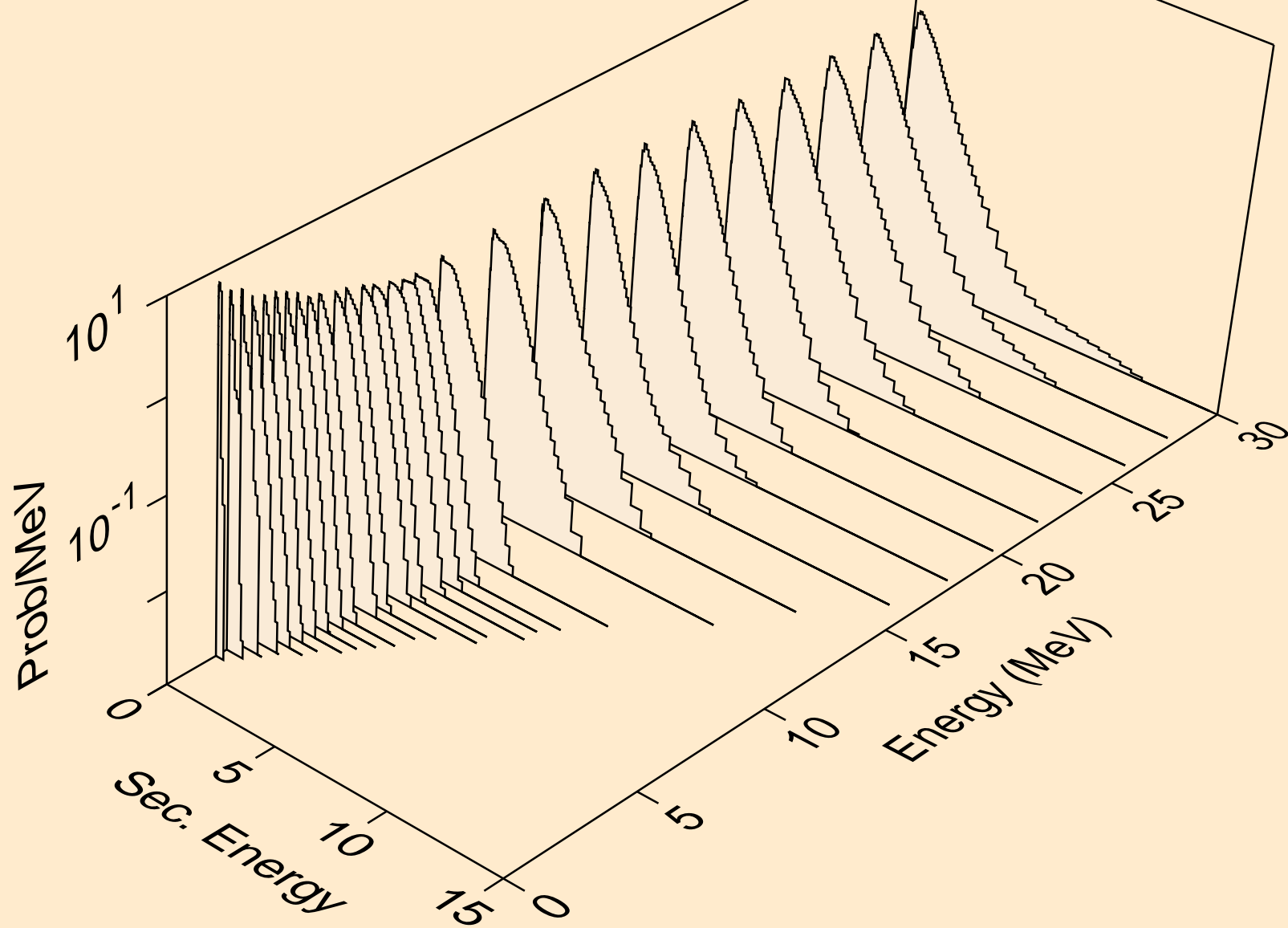


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

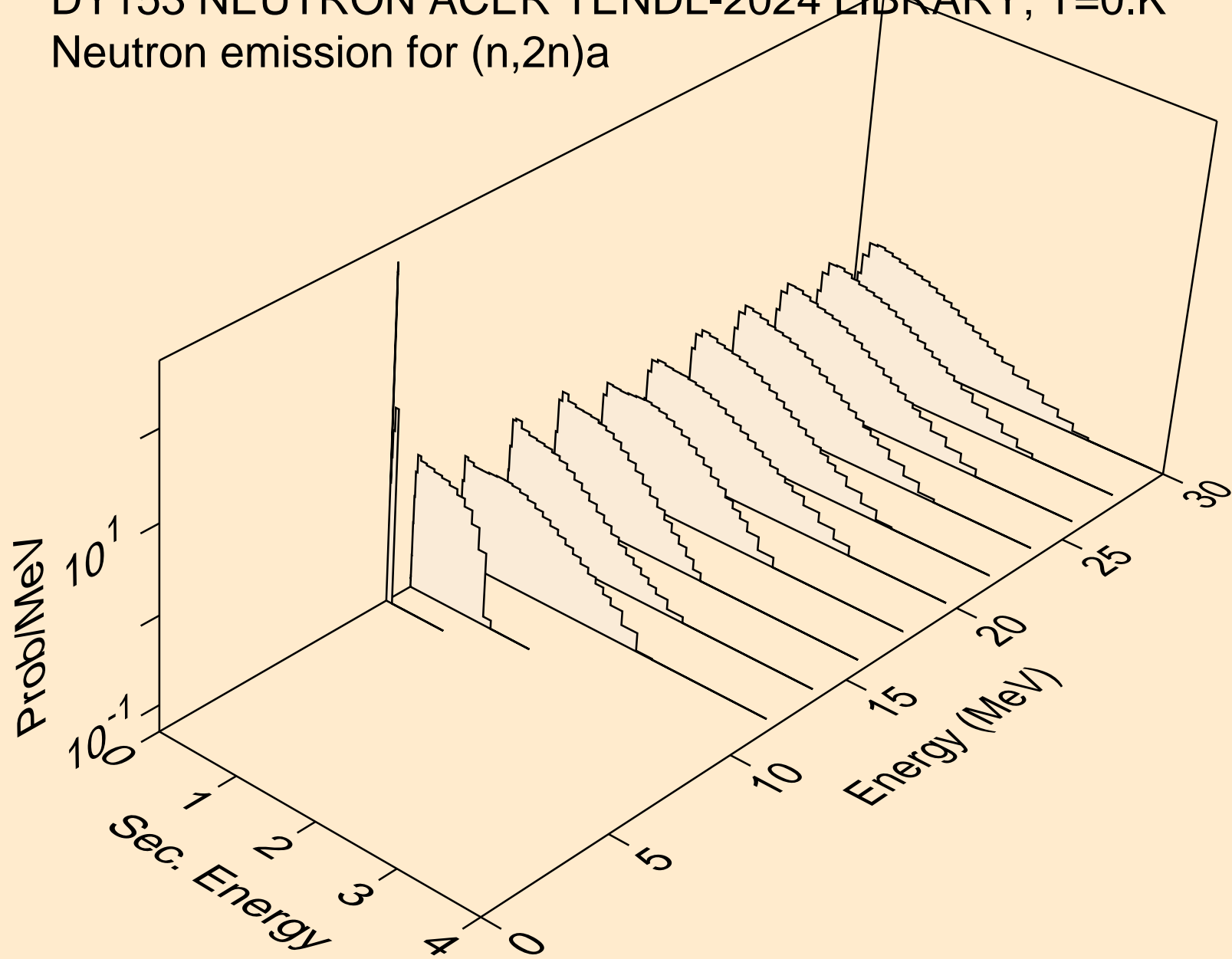




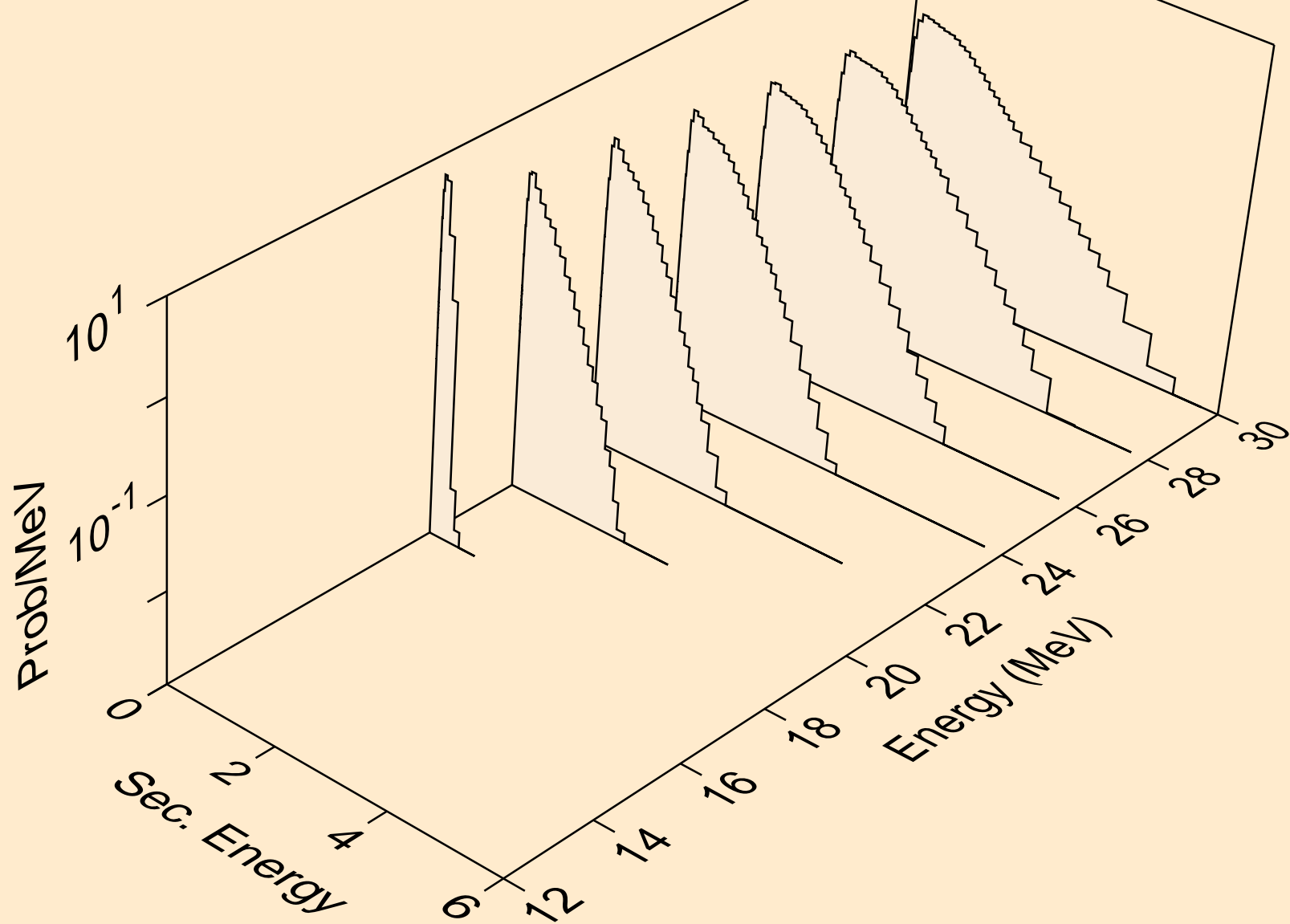
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



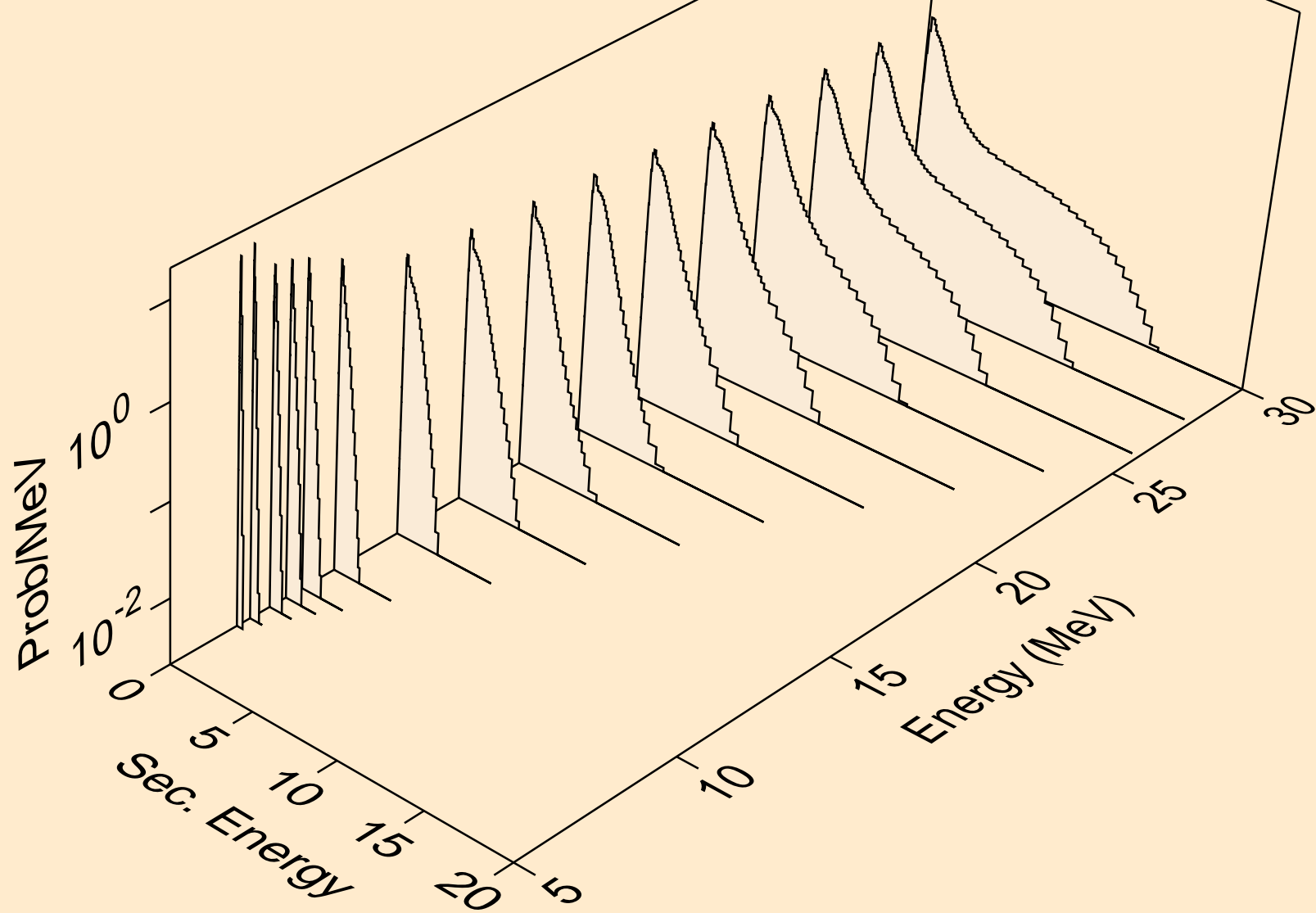
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



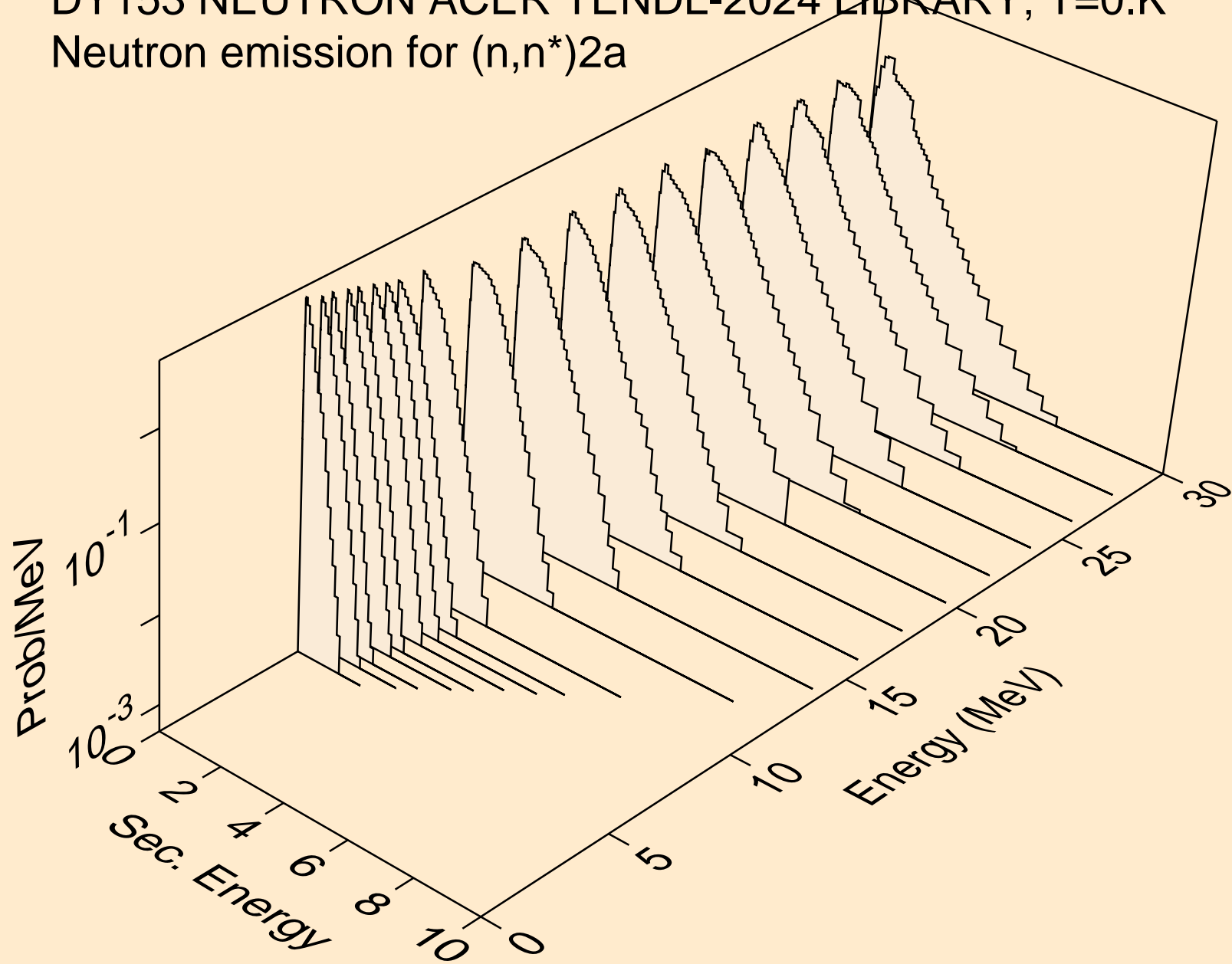
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



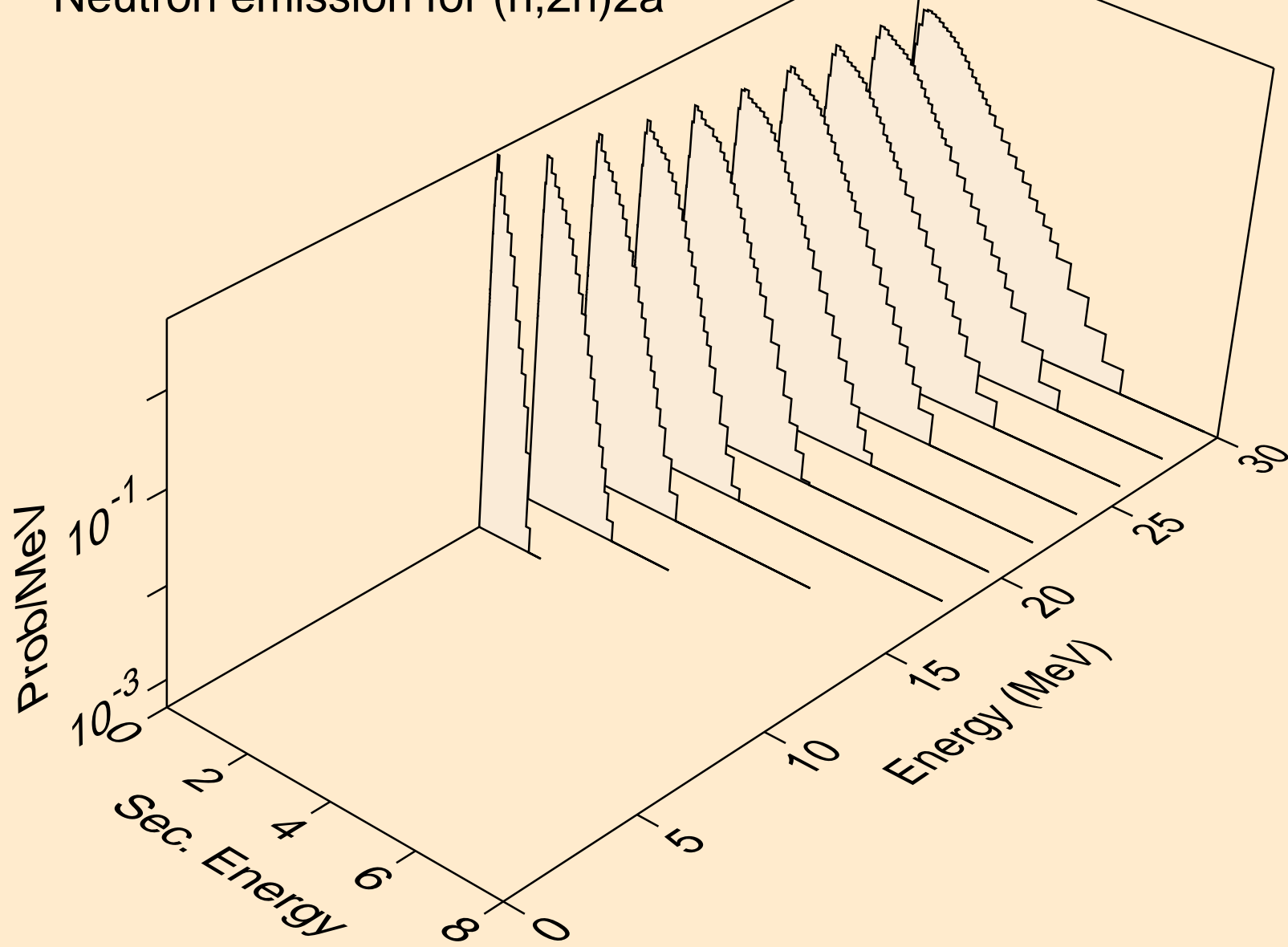
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



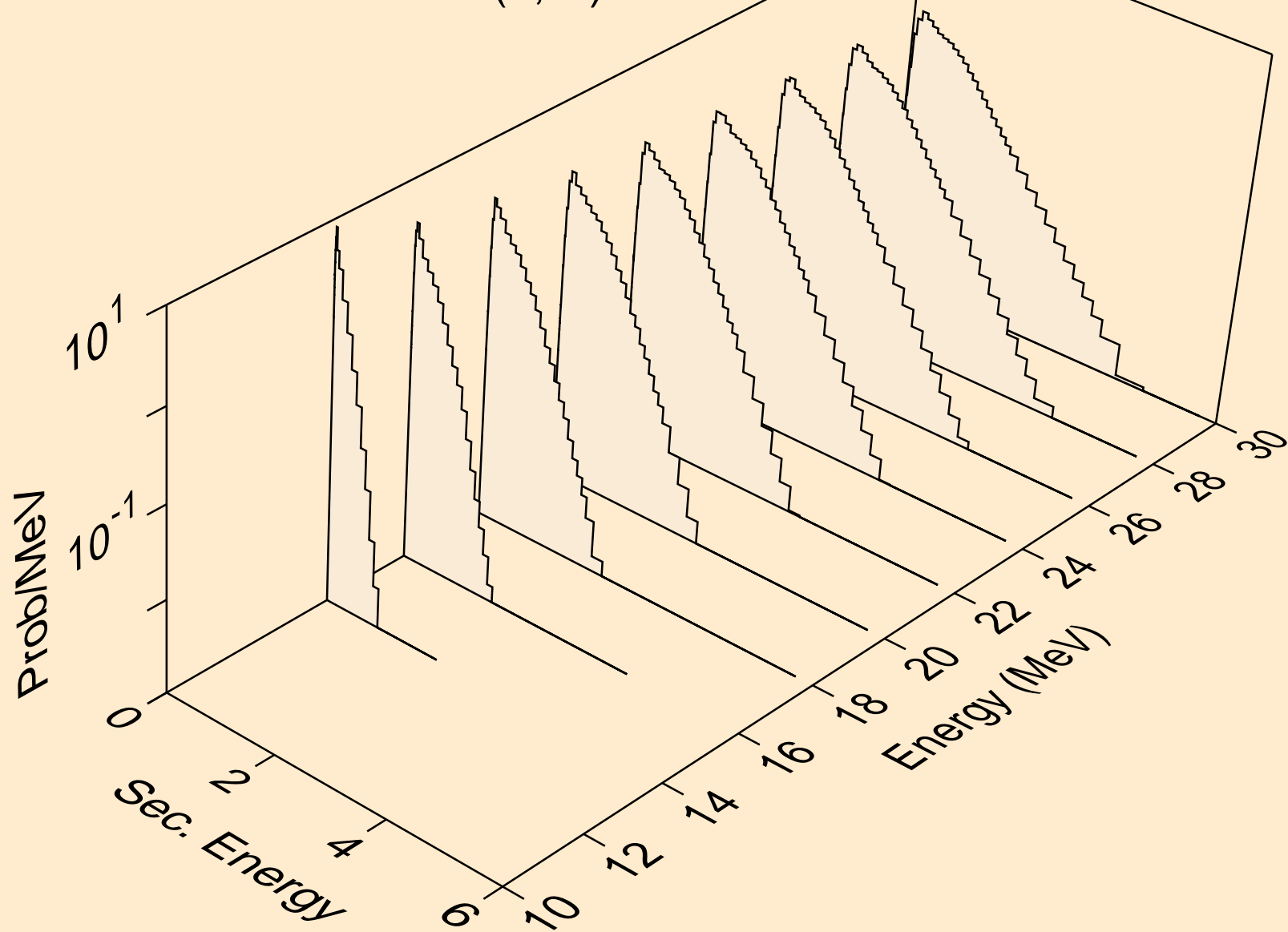
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



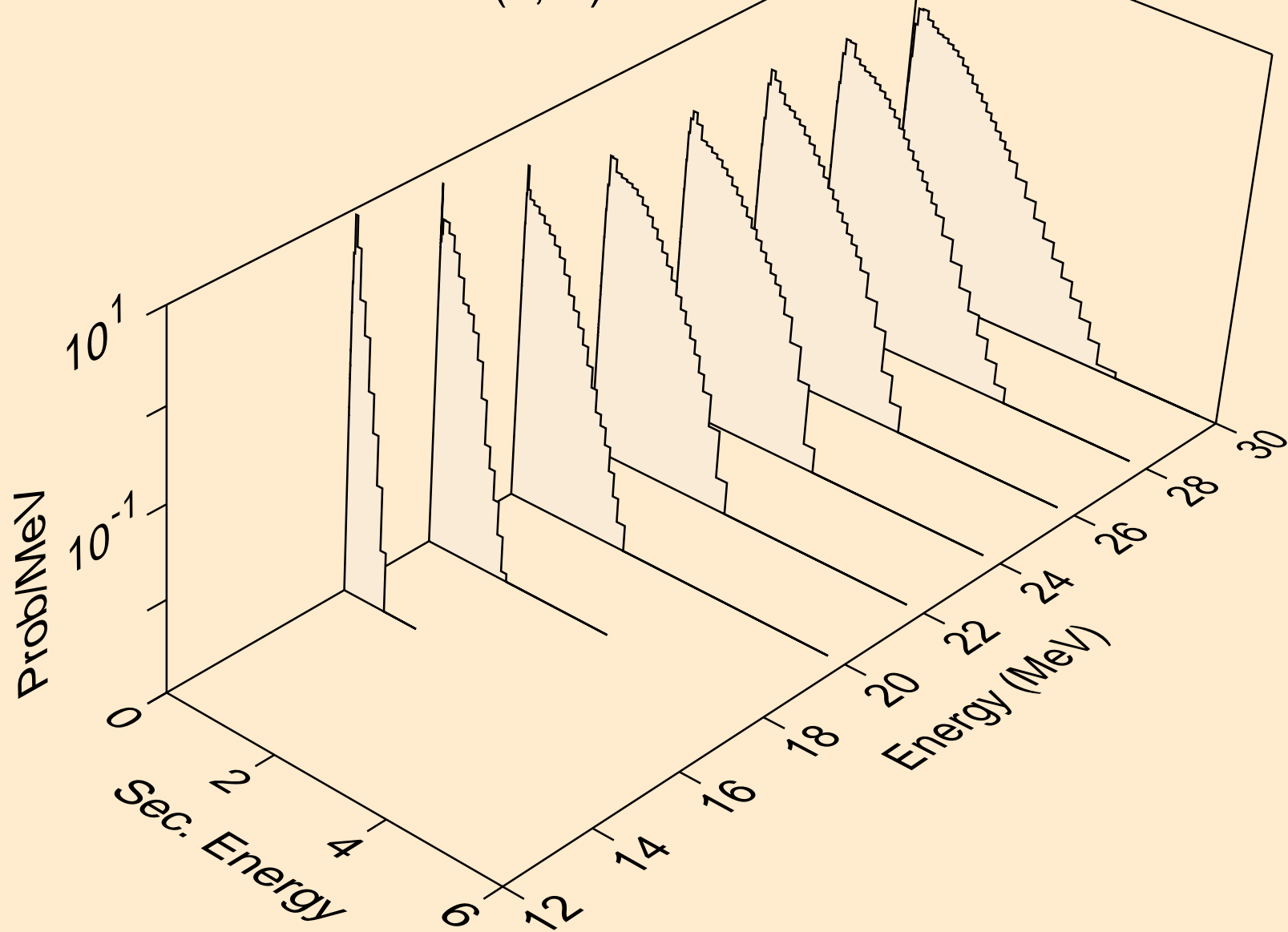
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

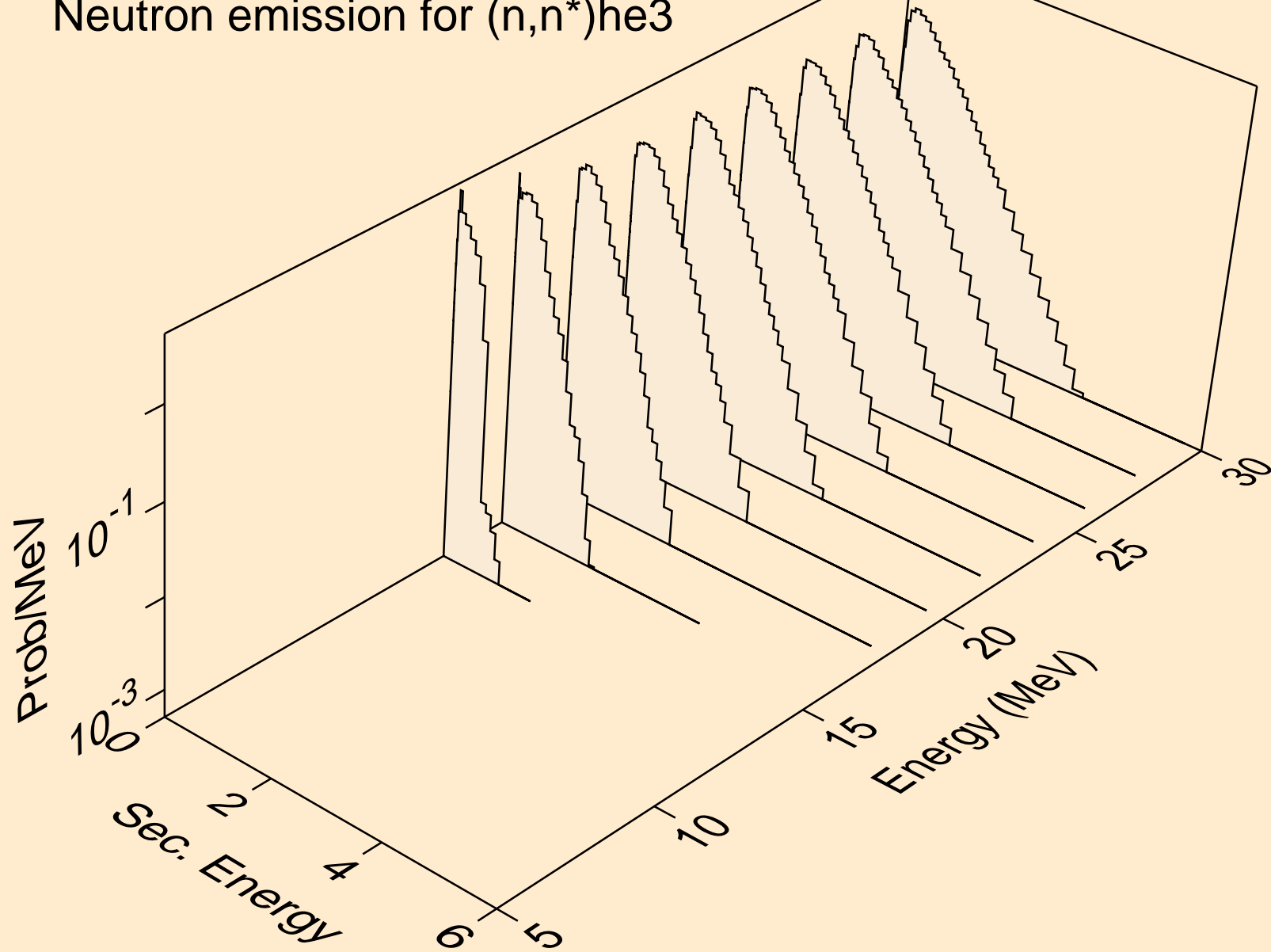


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

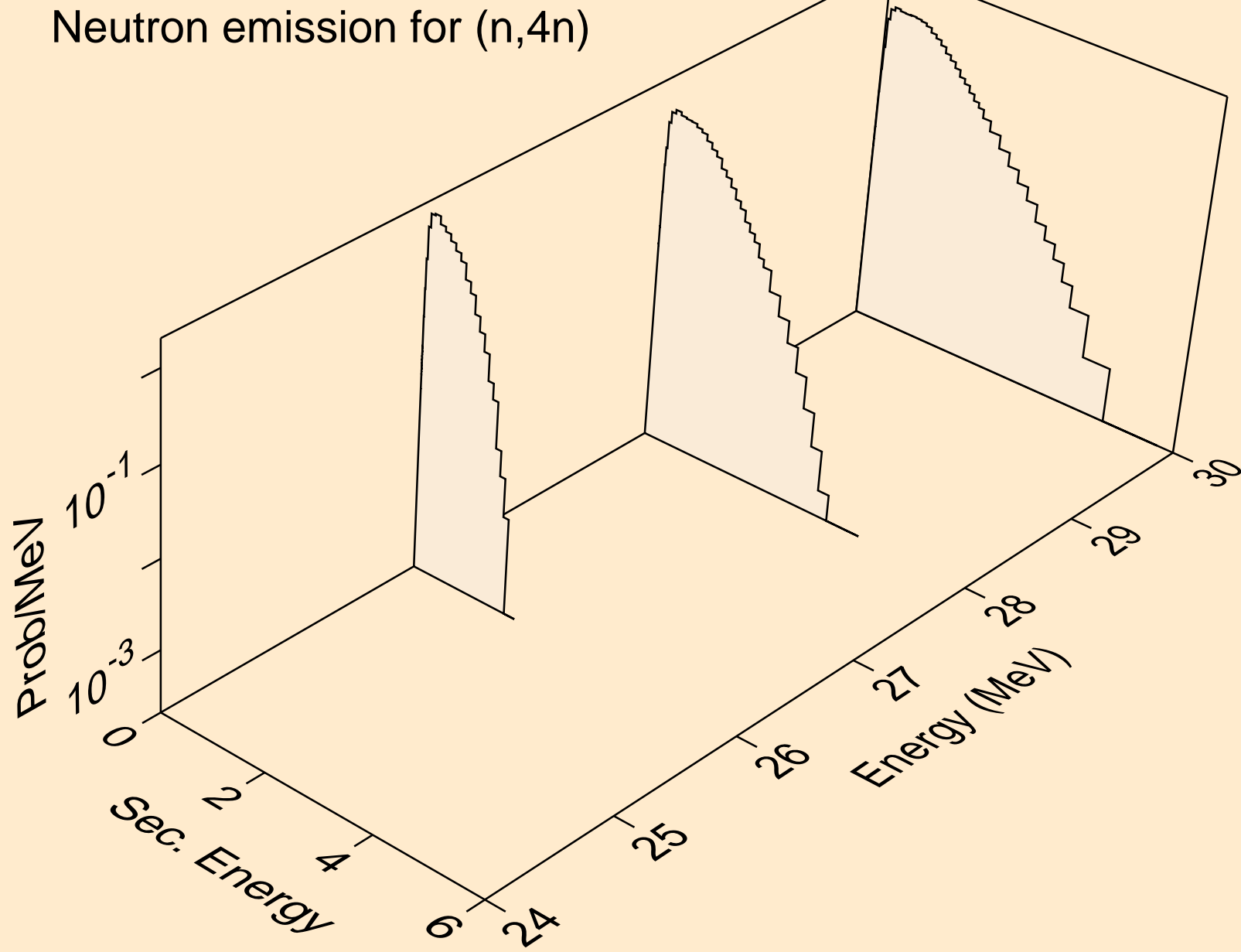




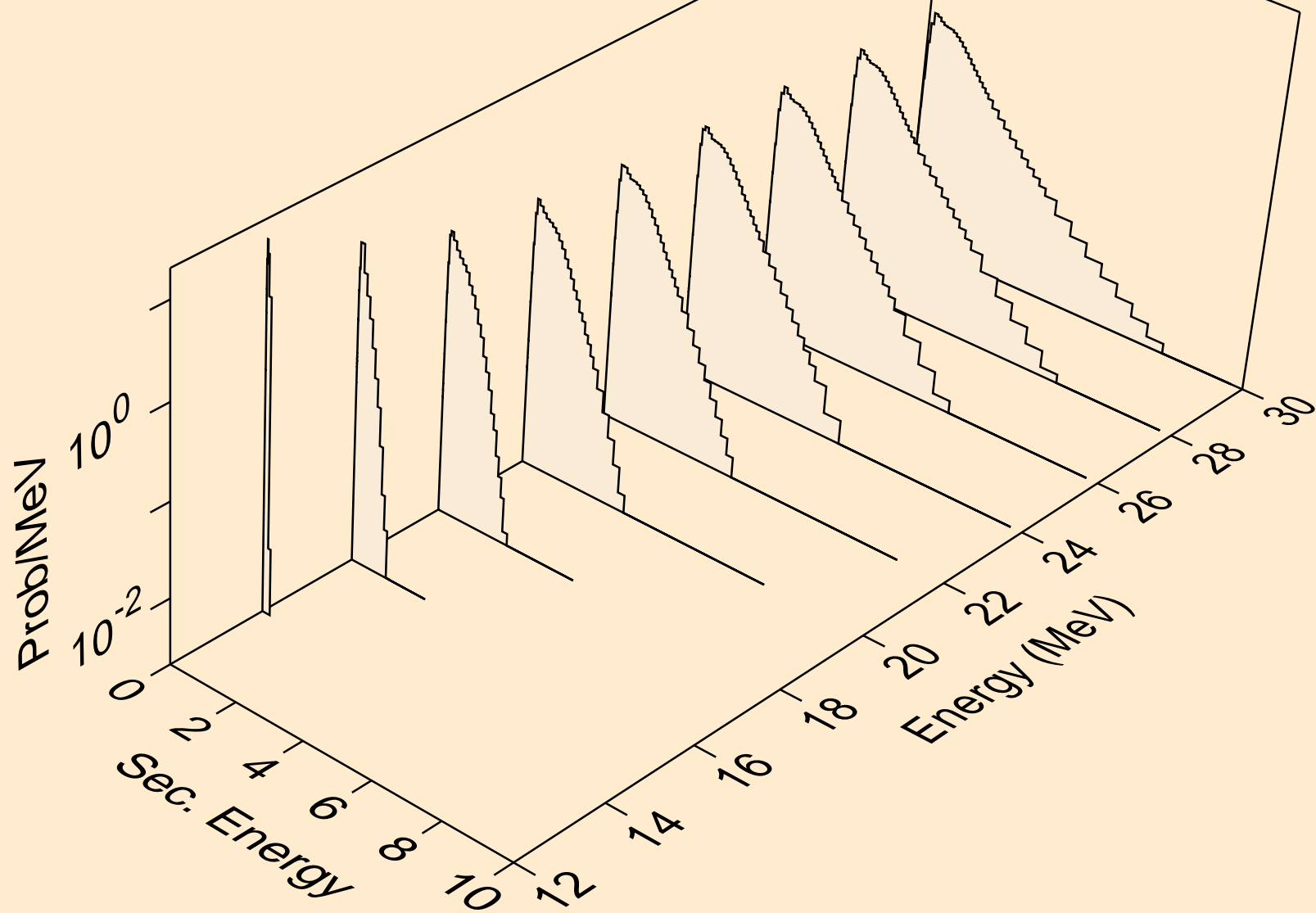
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



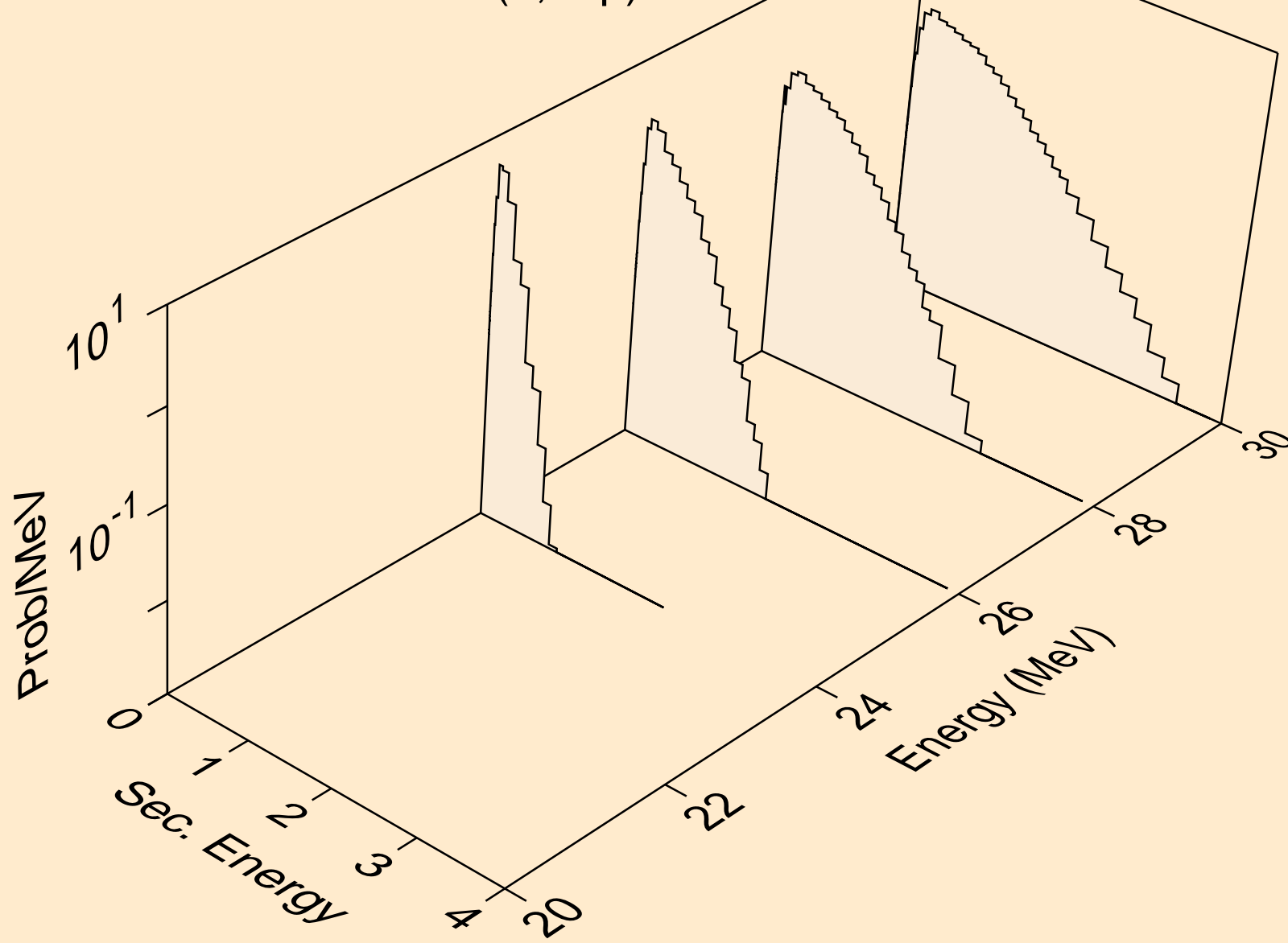
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



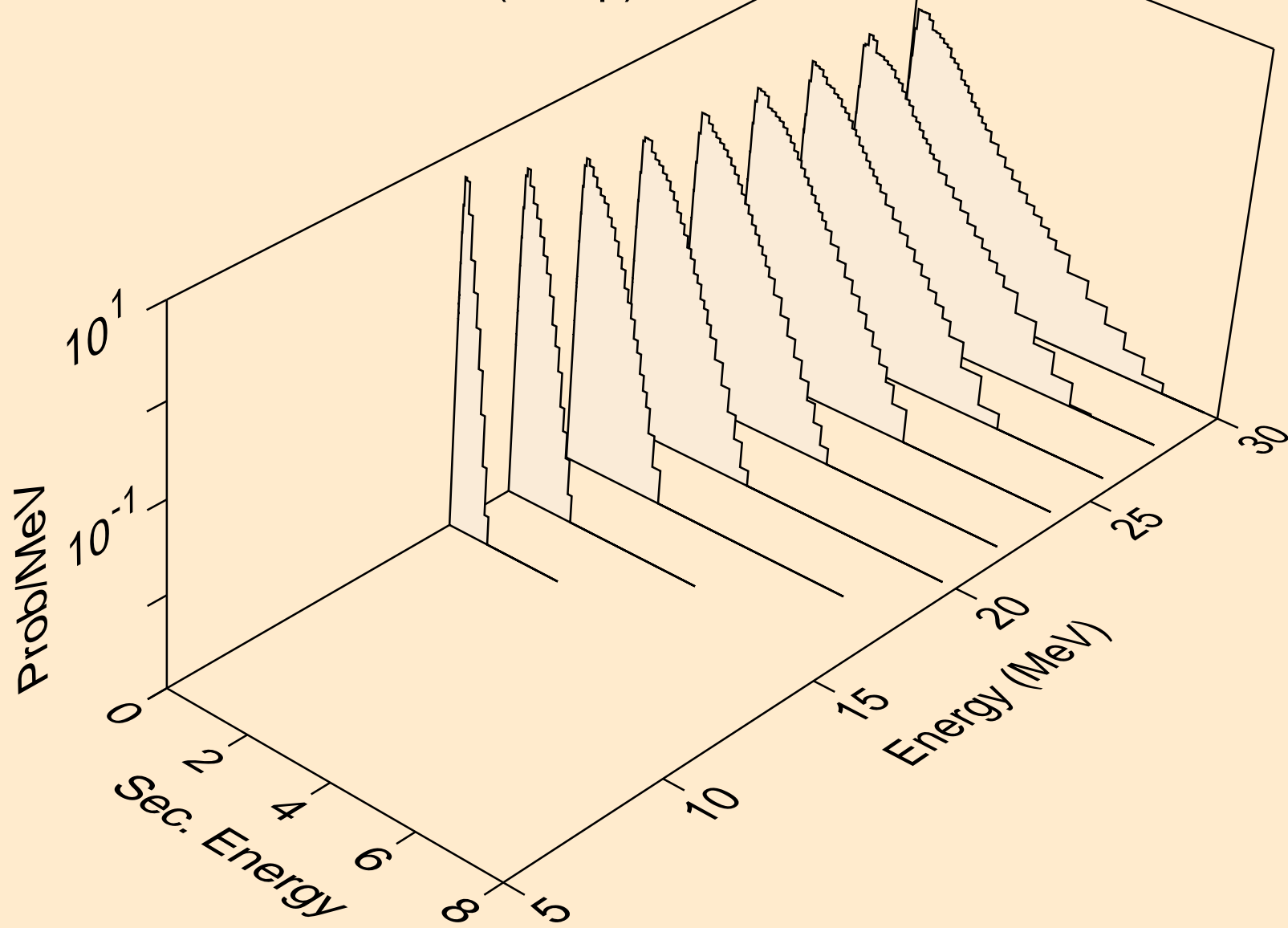
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



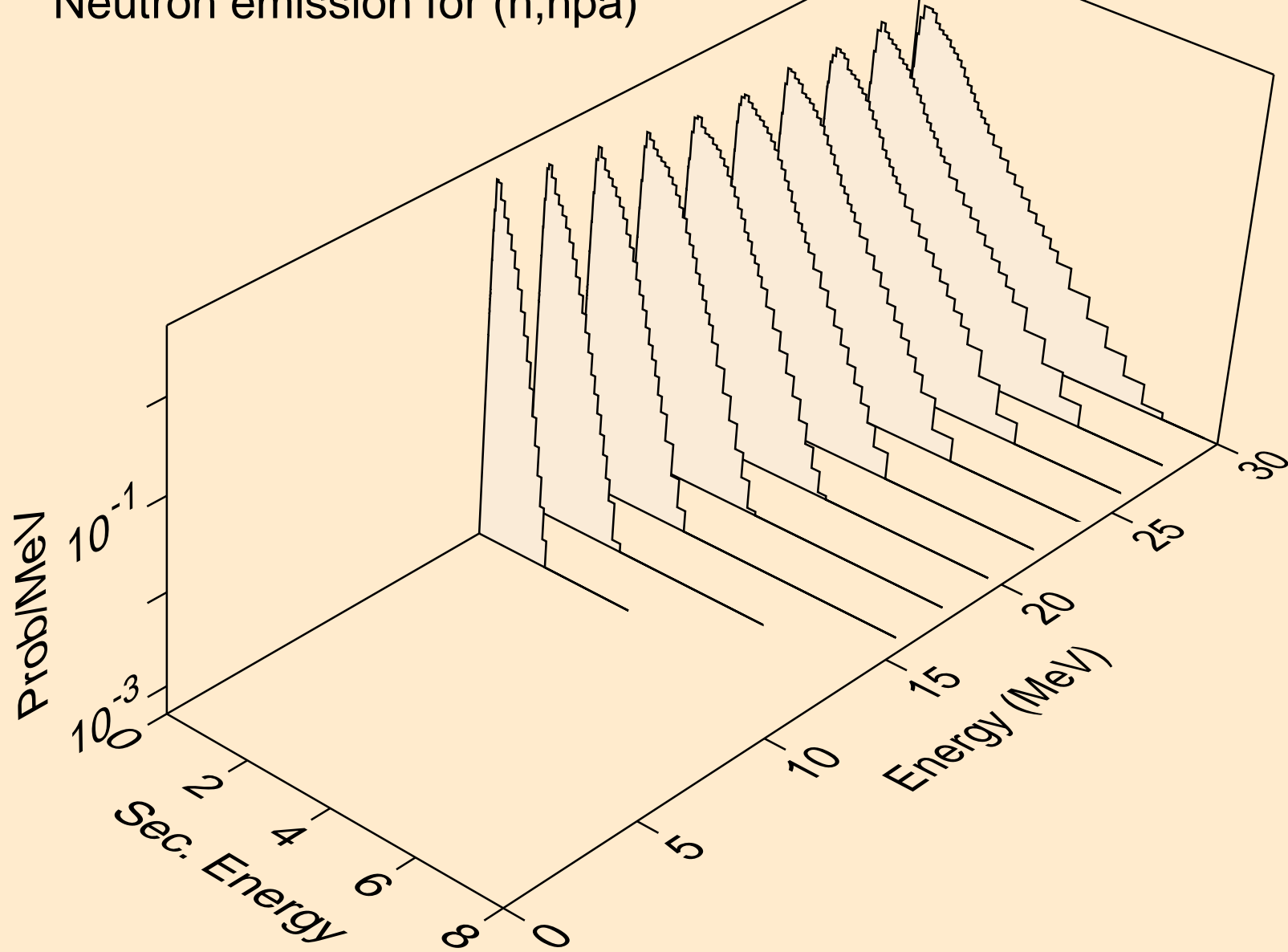
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



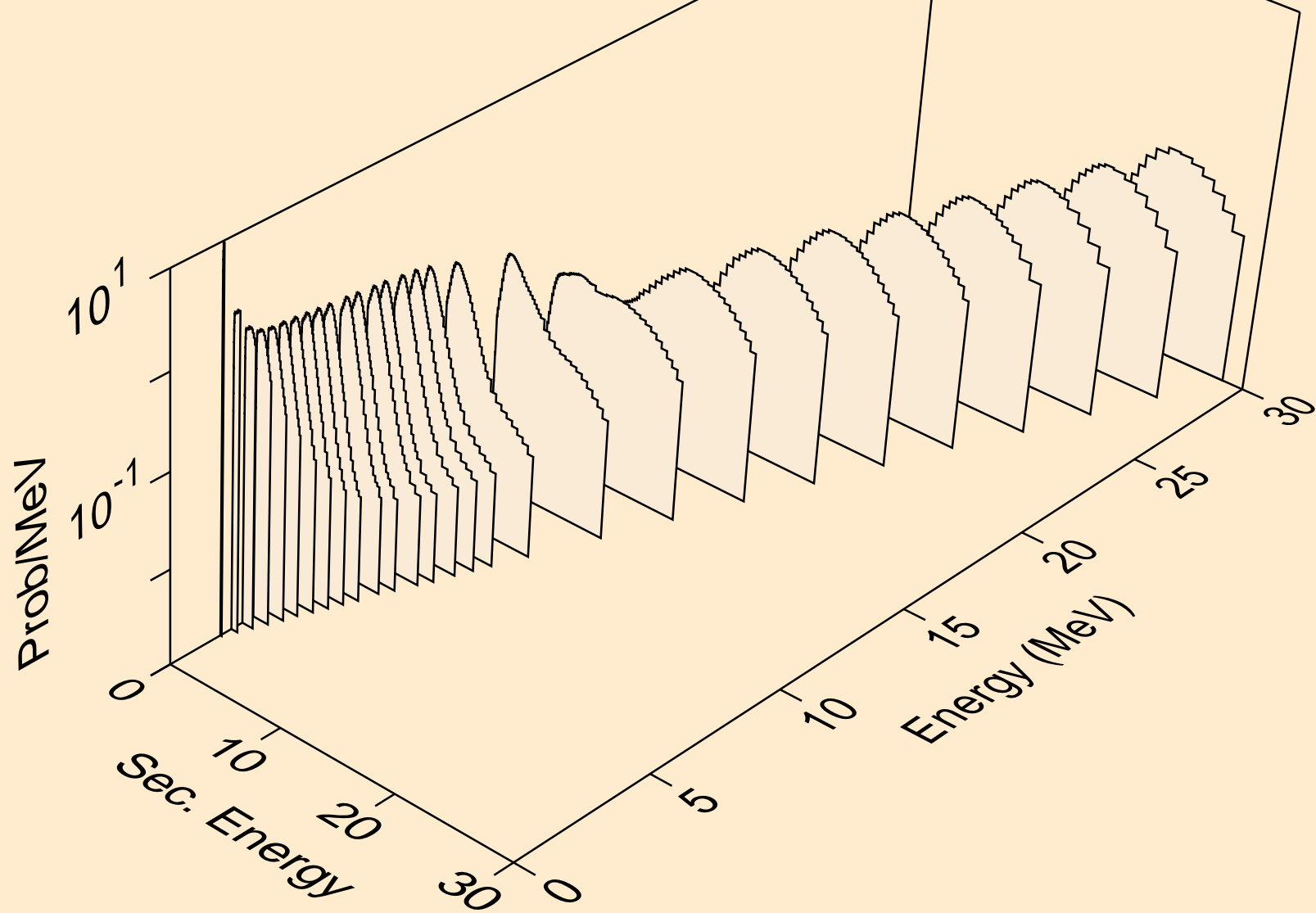
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



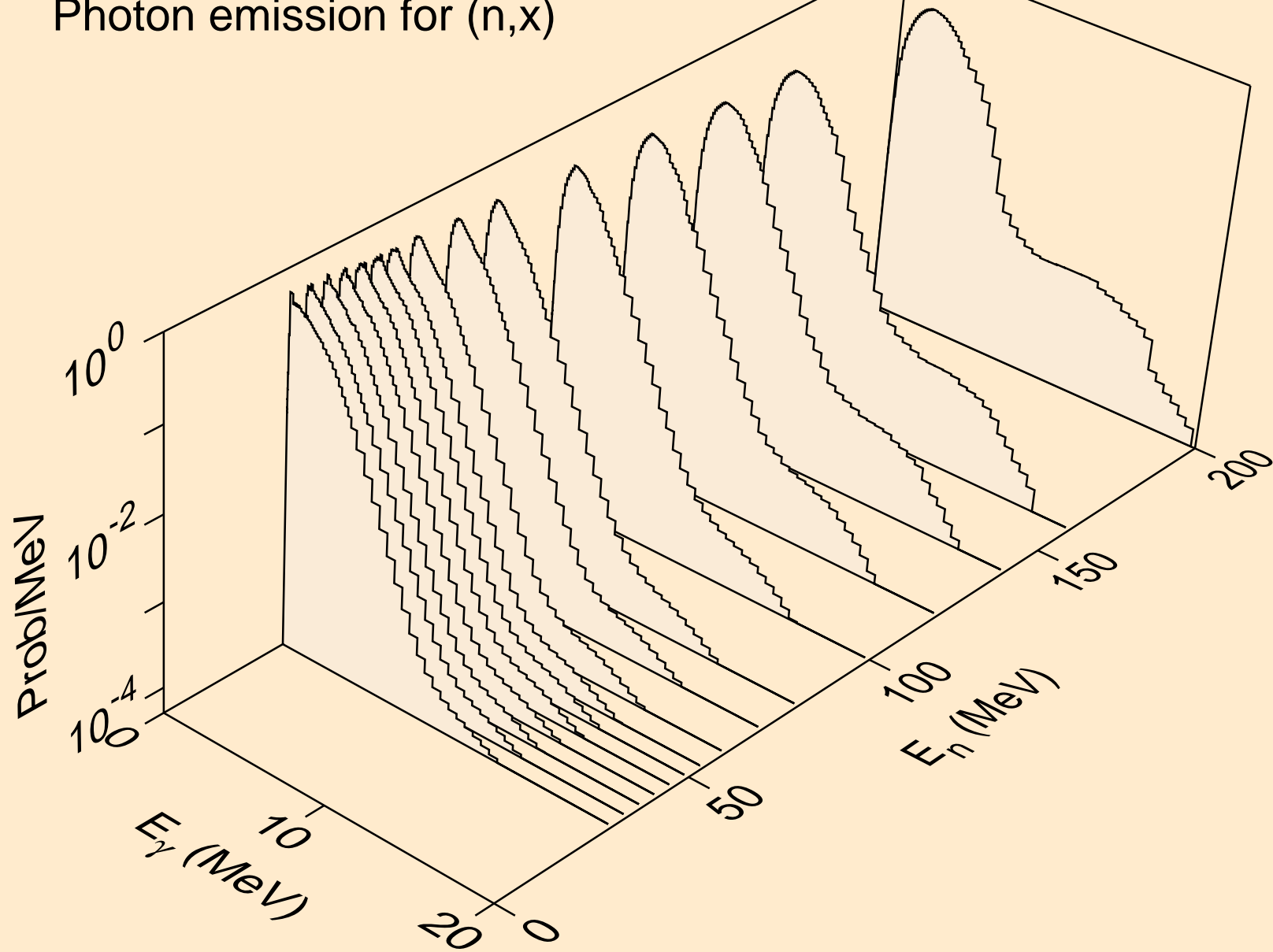
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

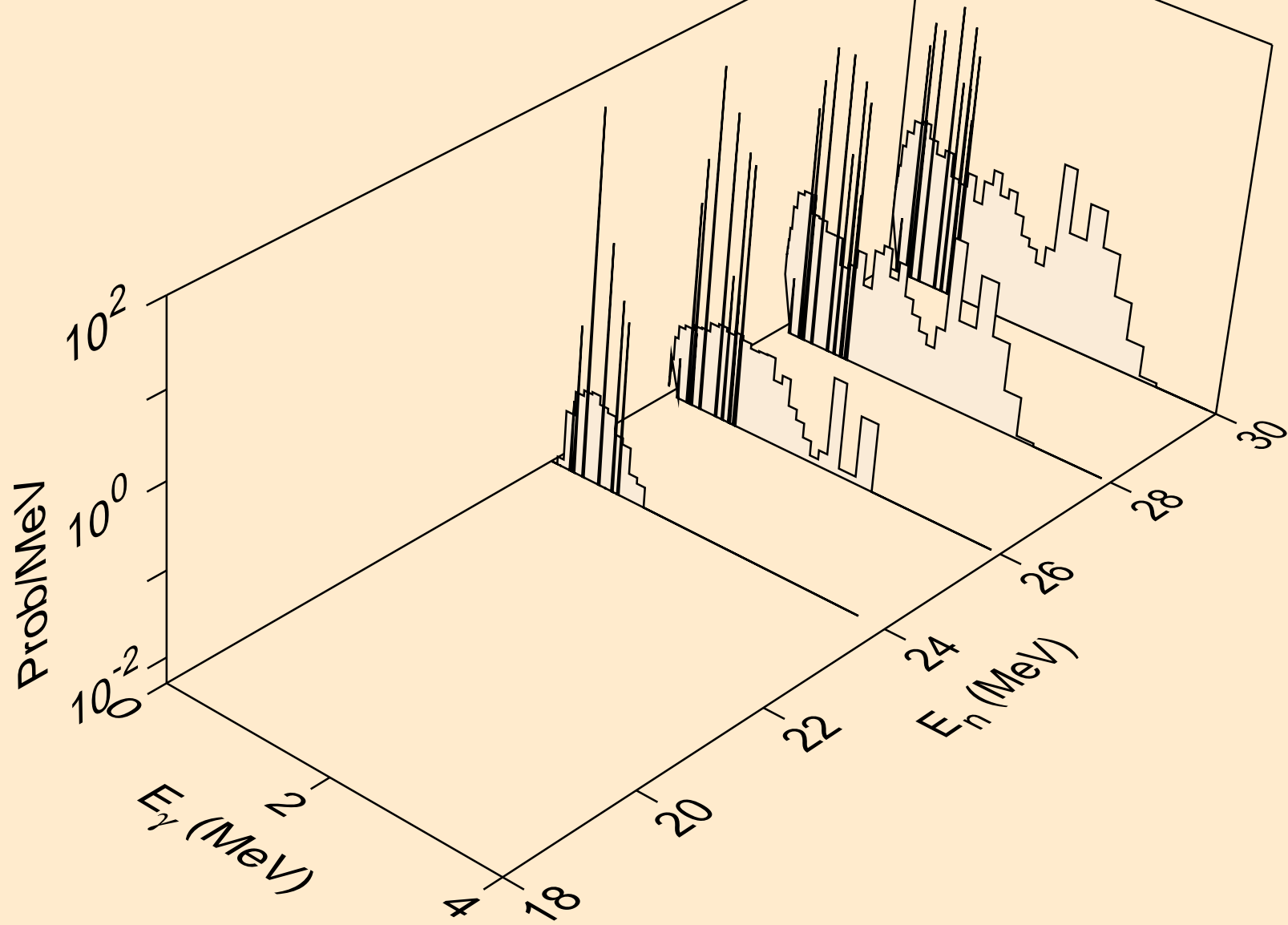


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

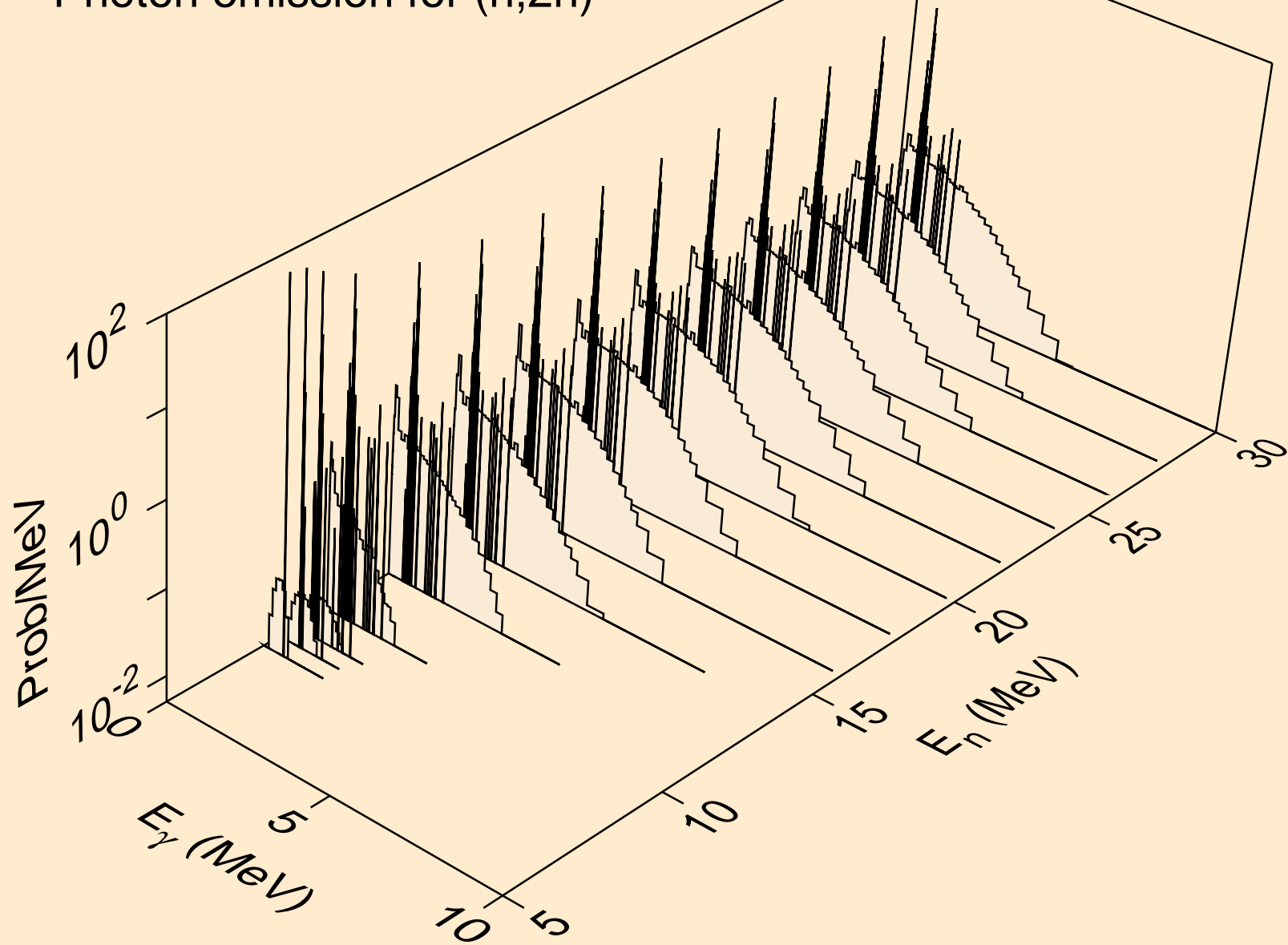




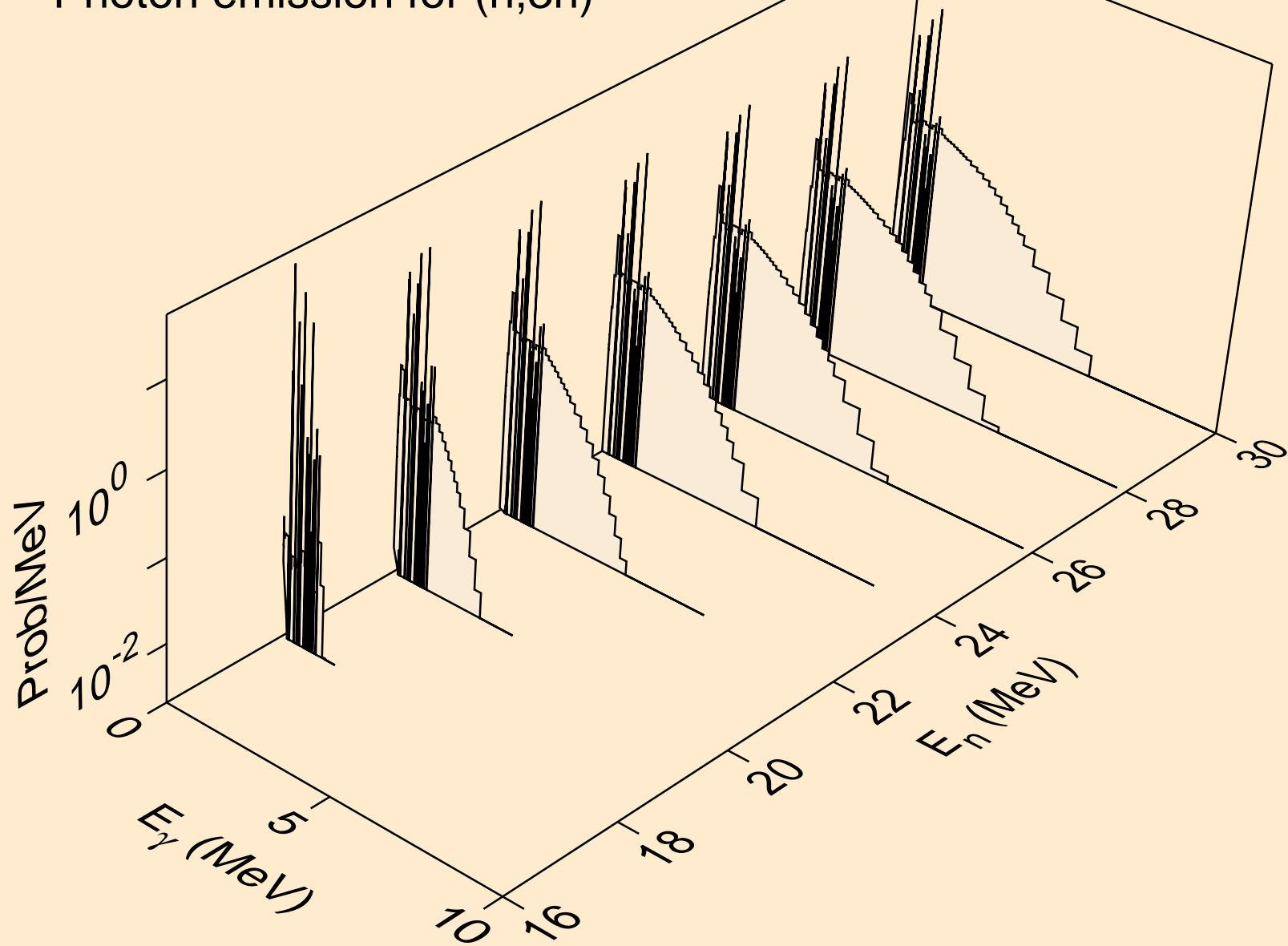
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



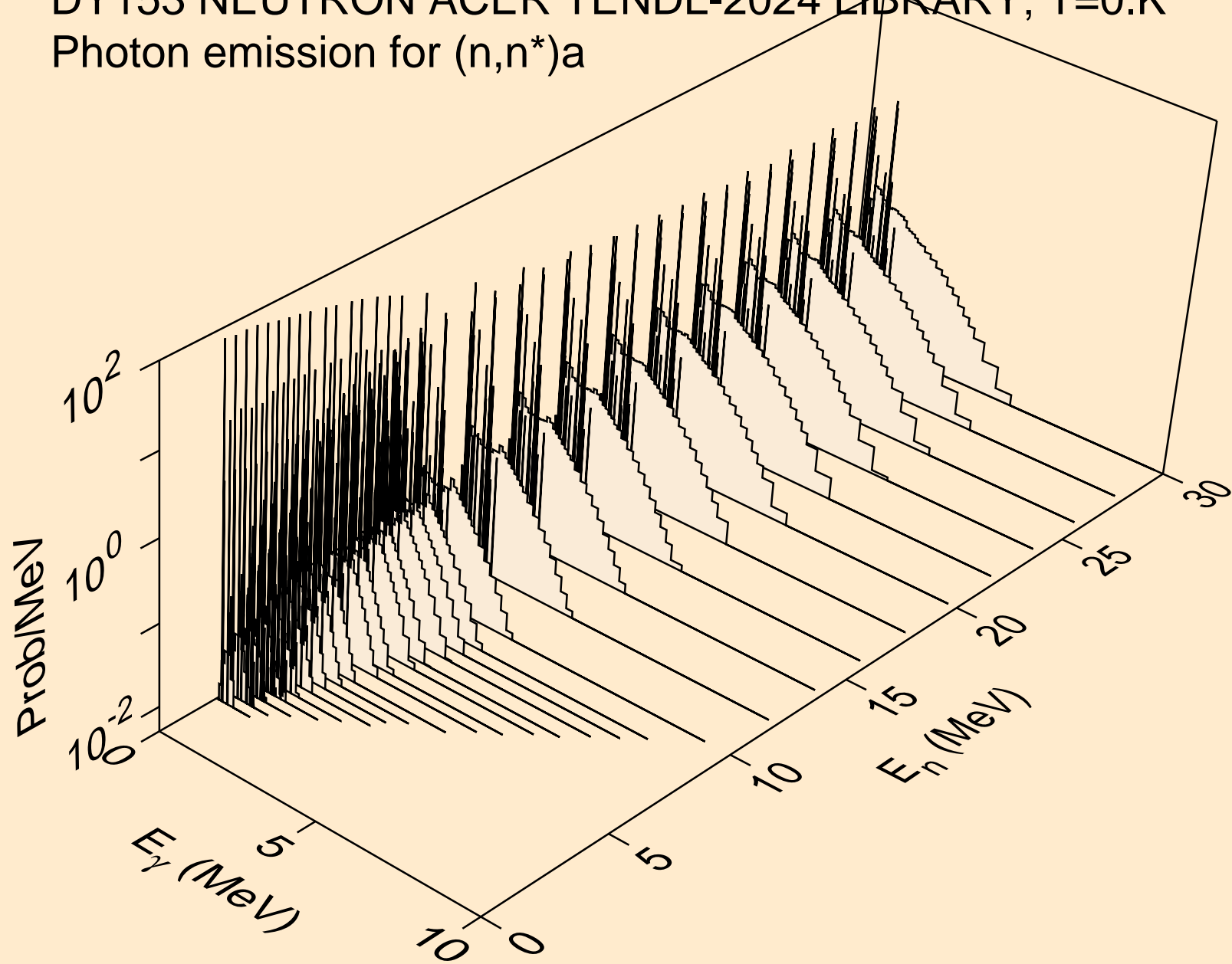
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



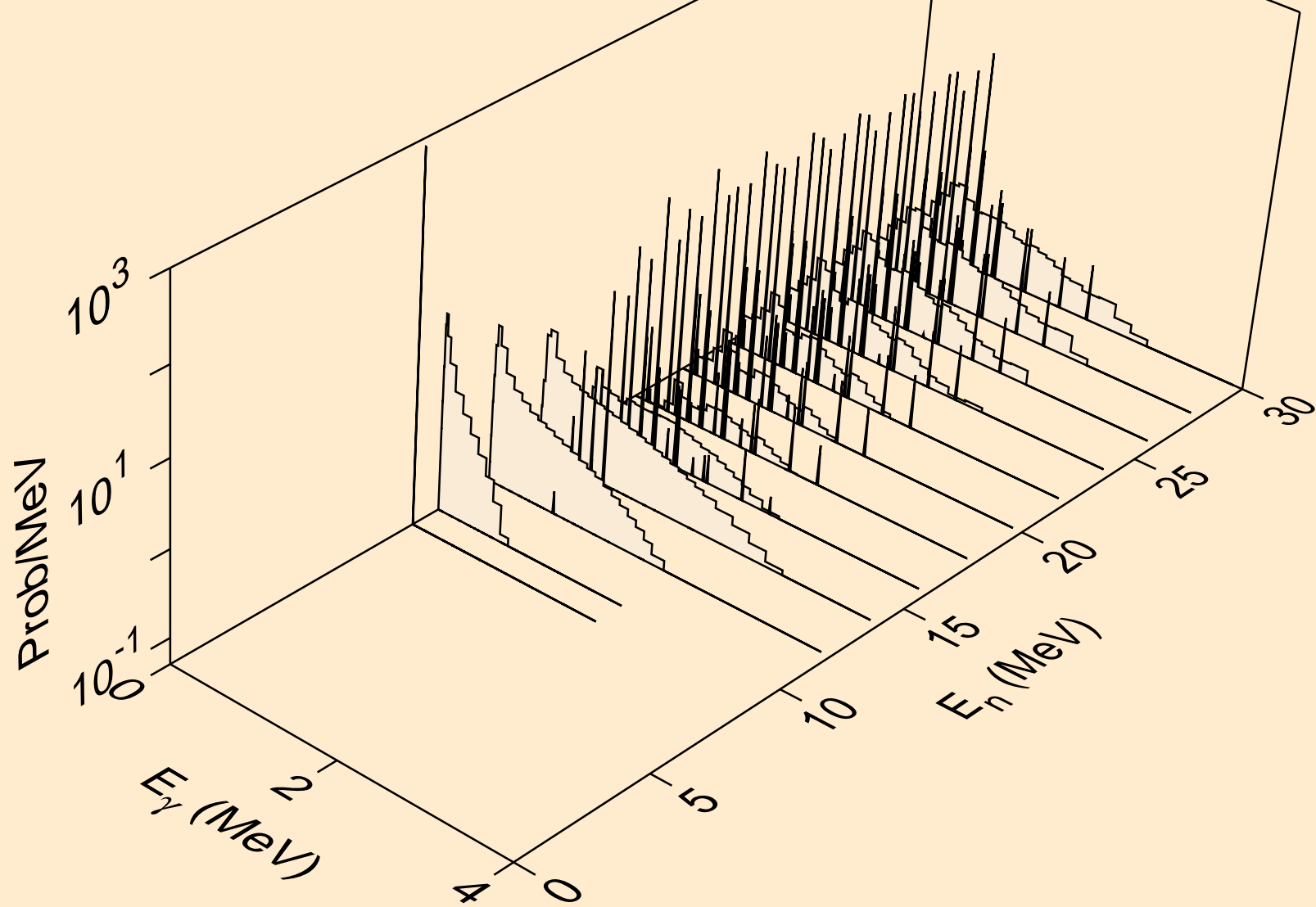
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Photon emission for (n,3n)



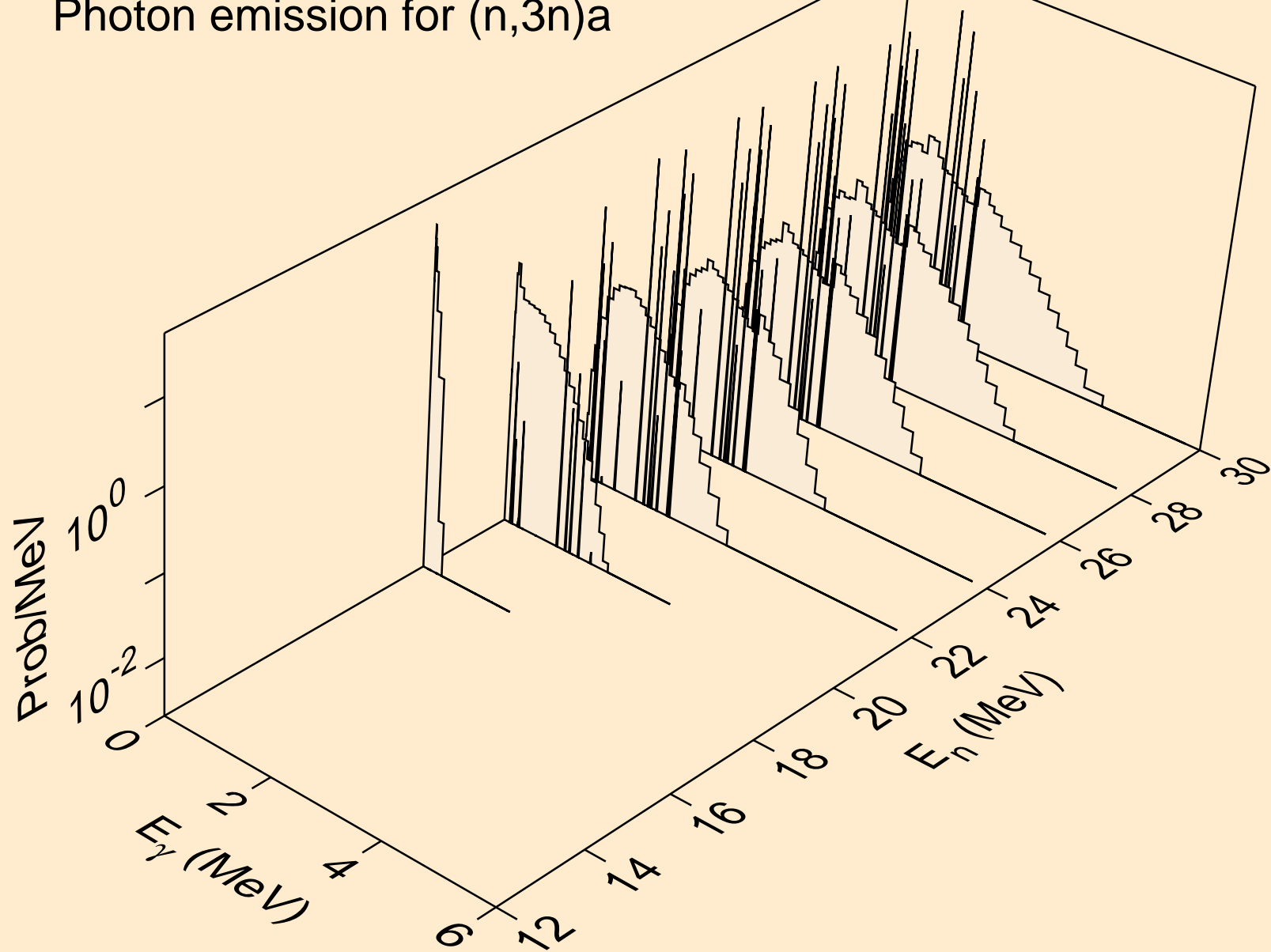
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



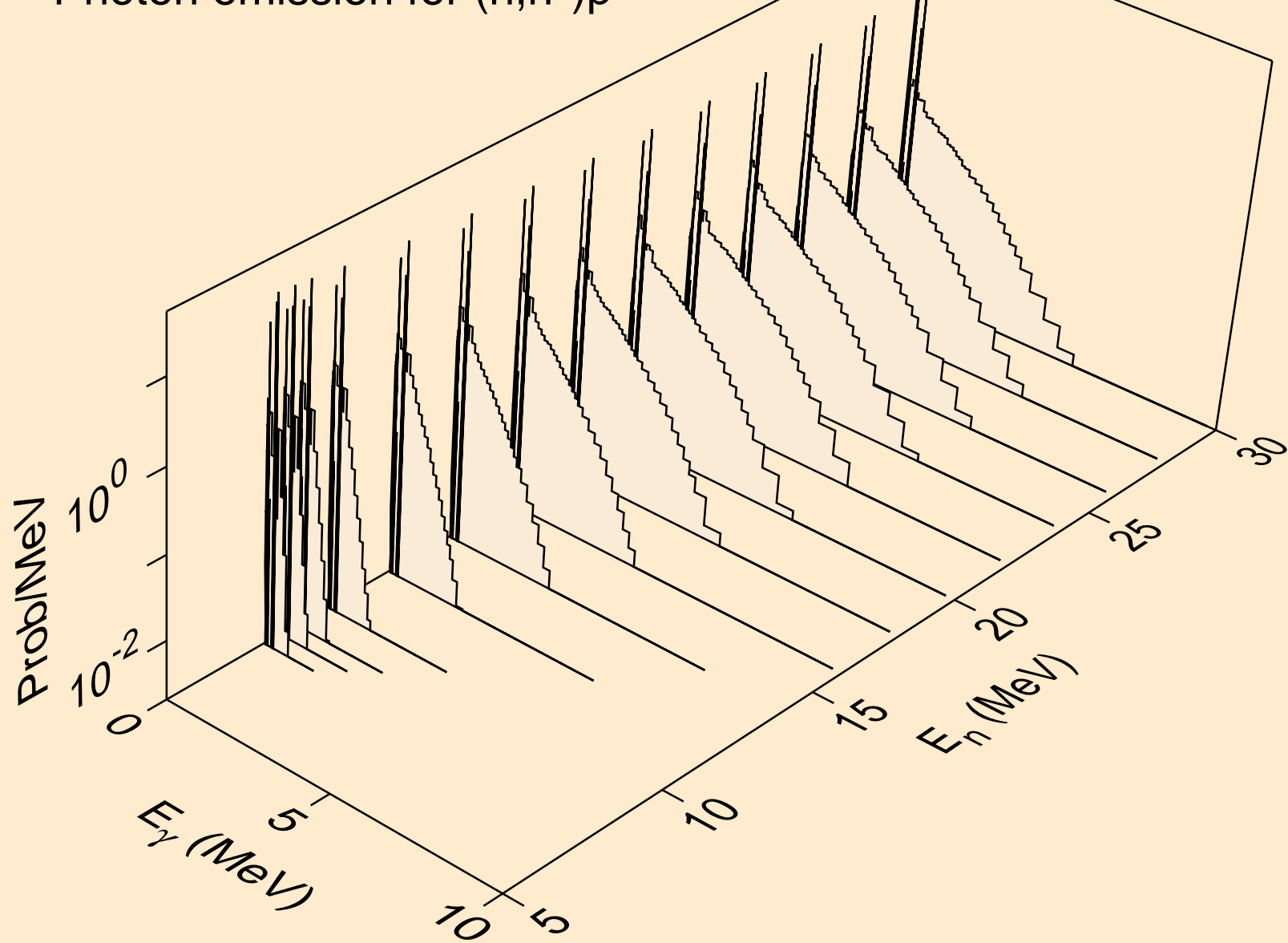
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



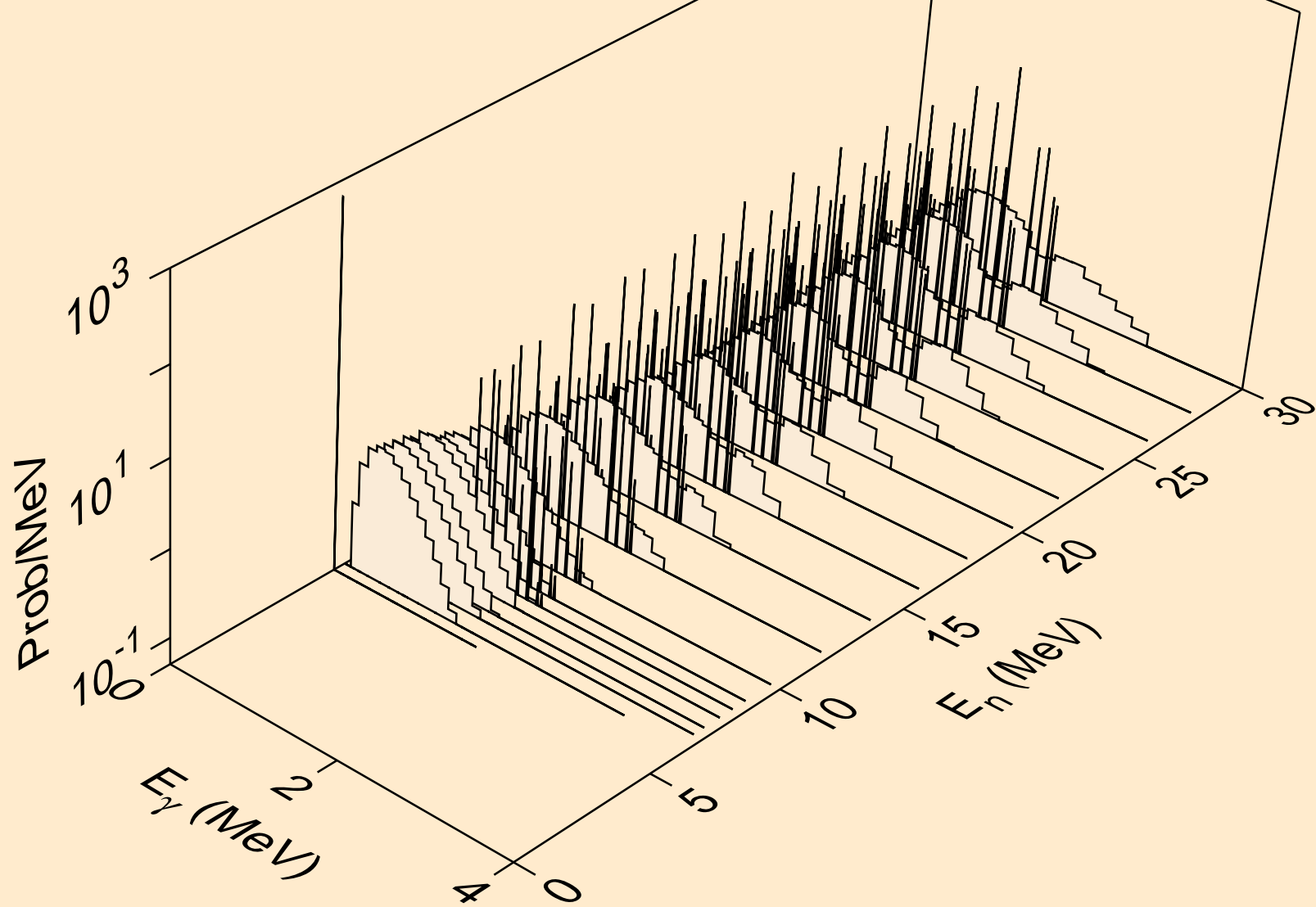
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

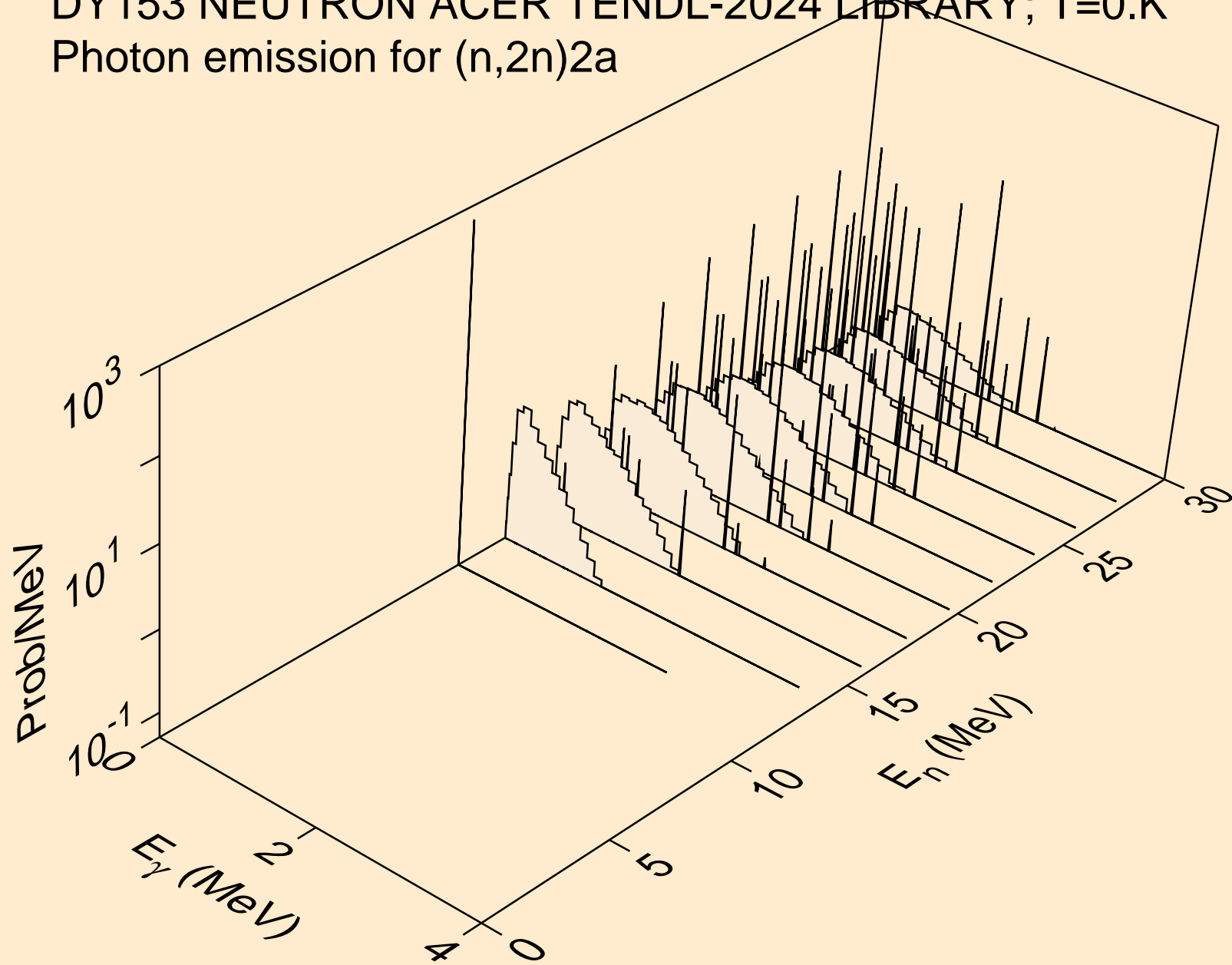


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

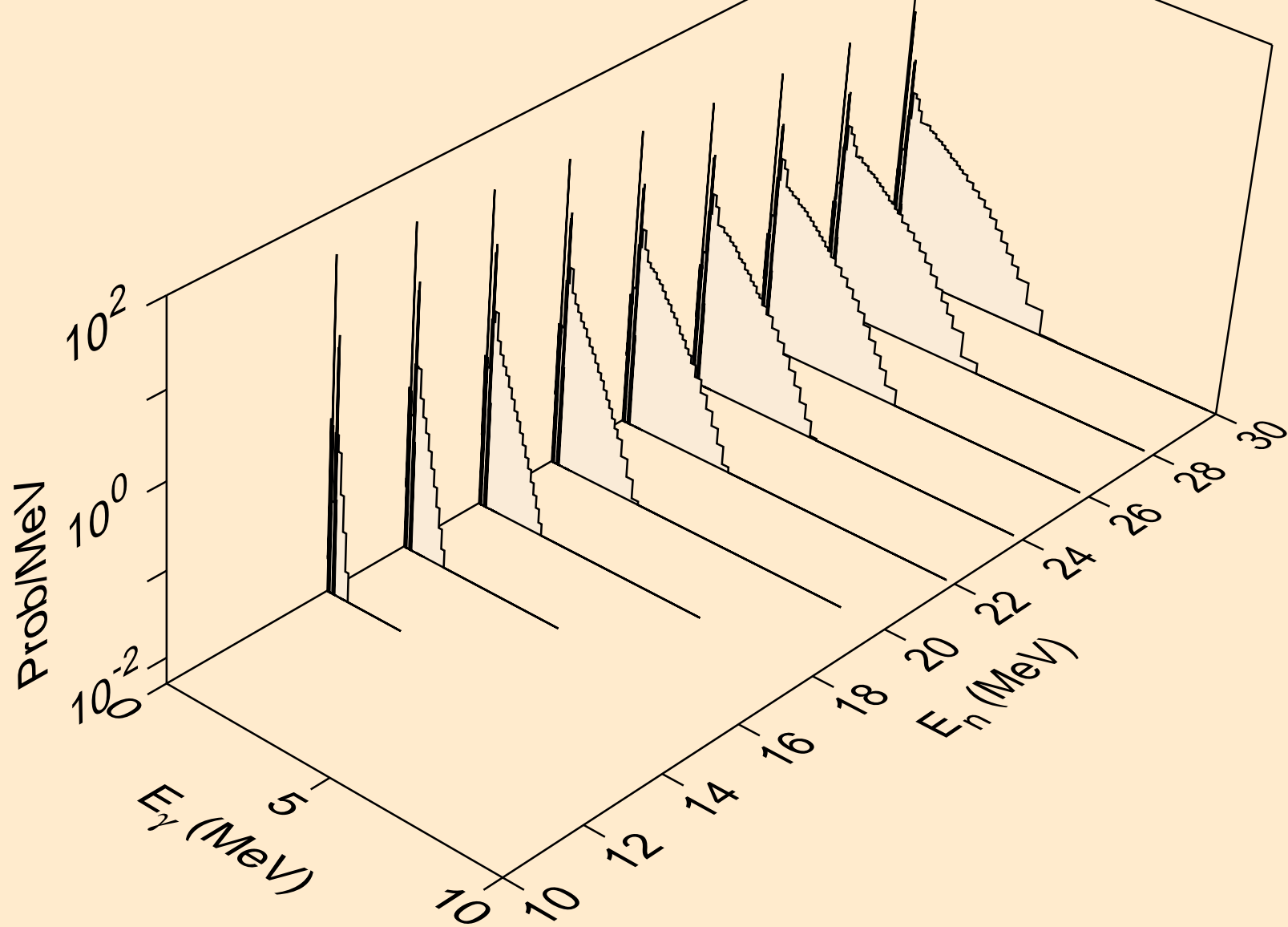




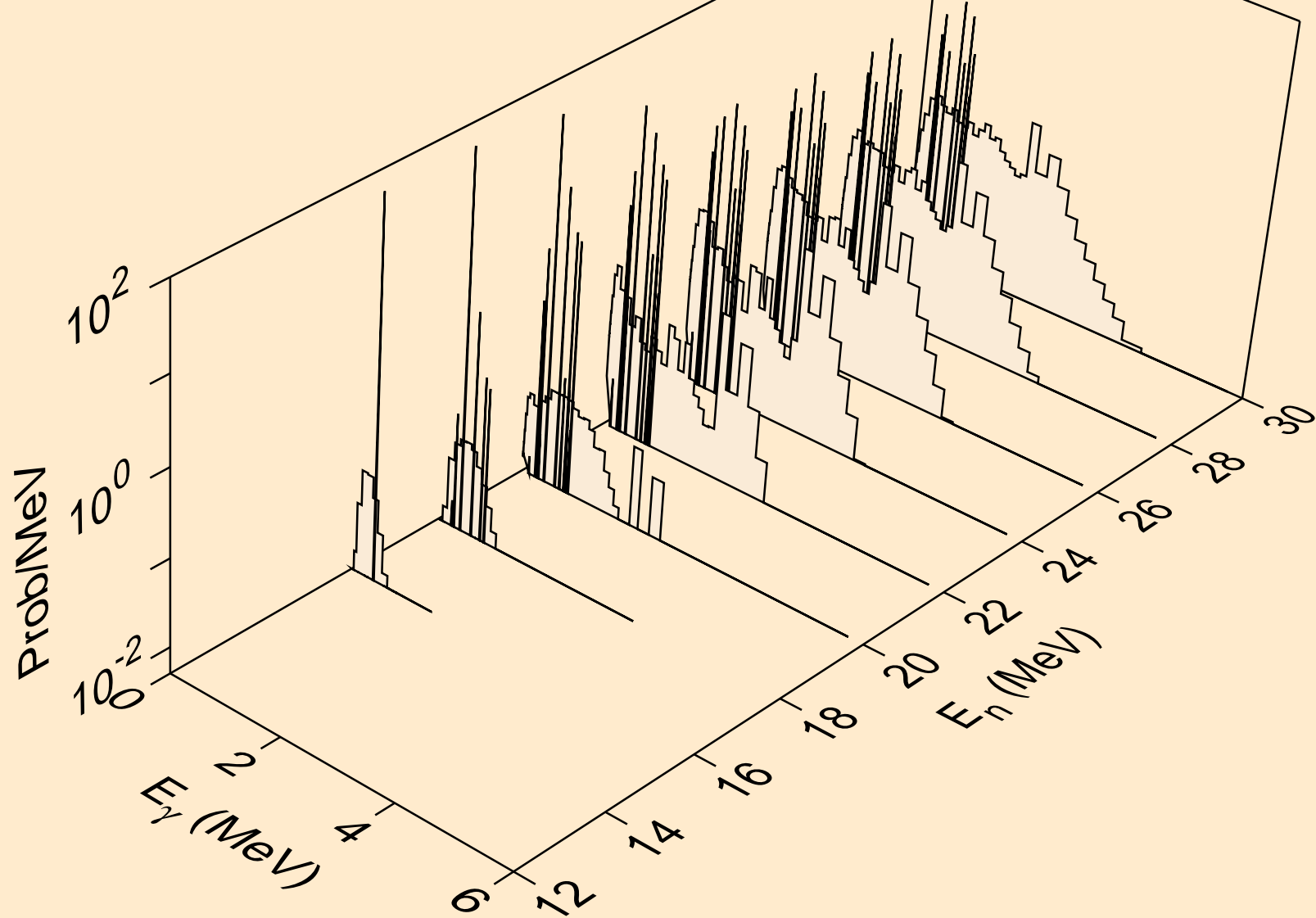
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



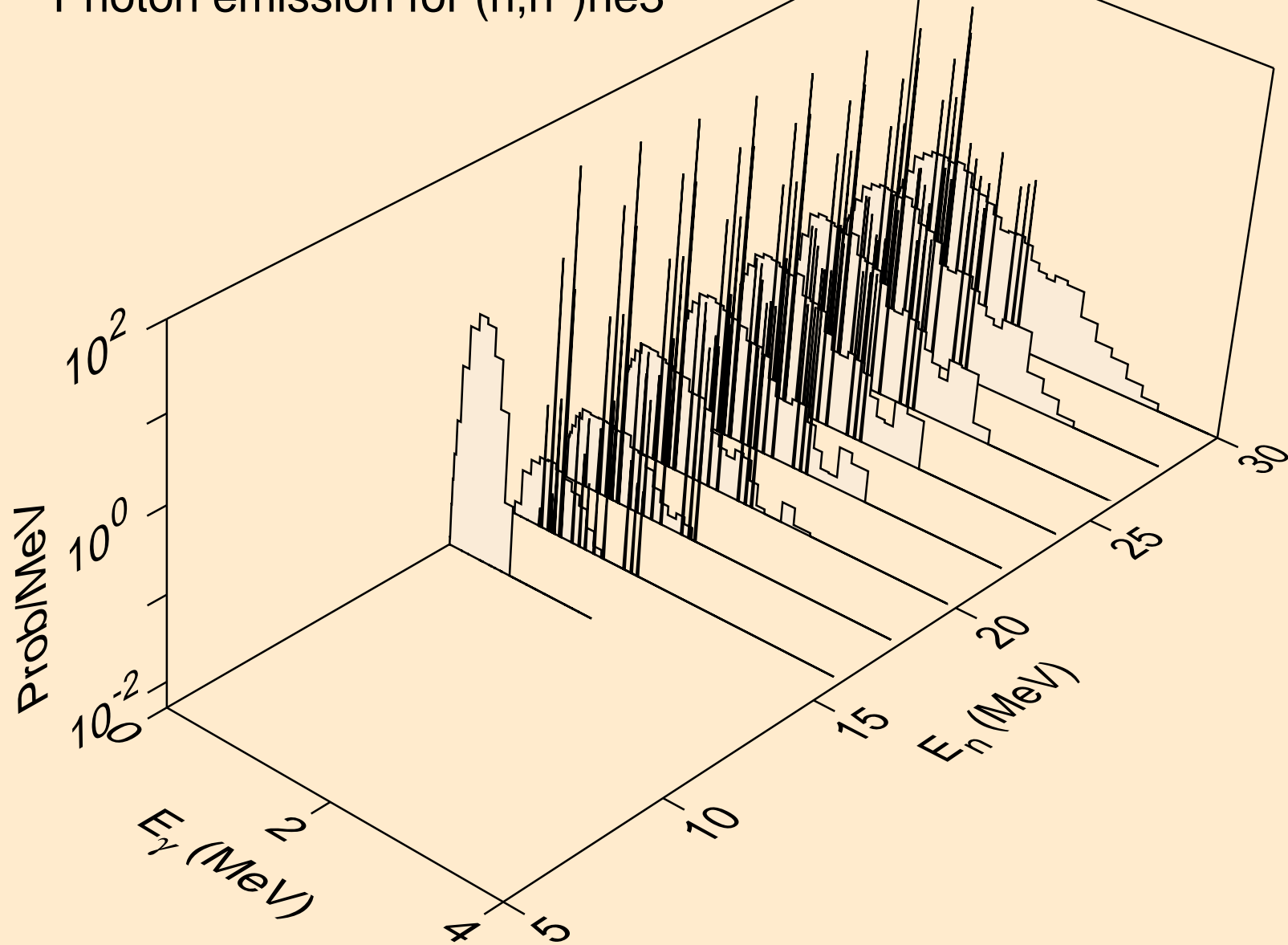
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



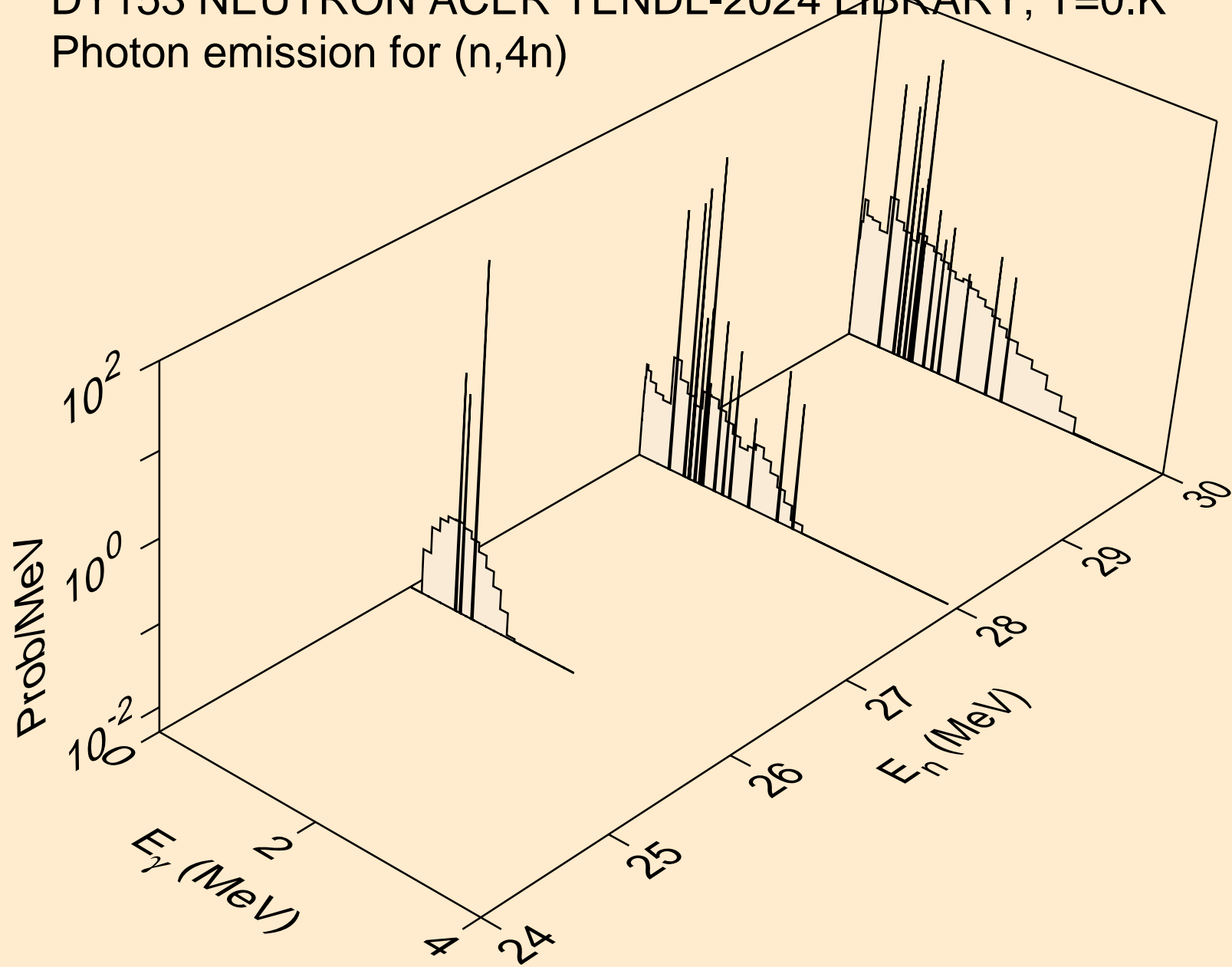
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



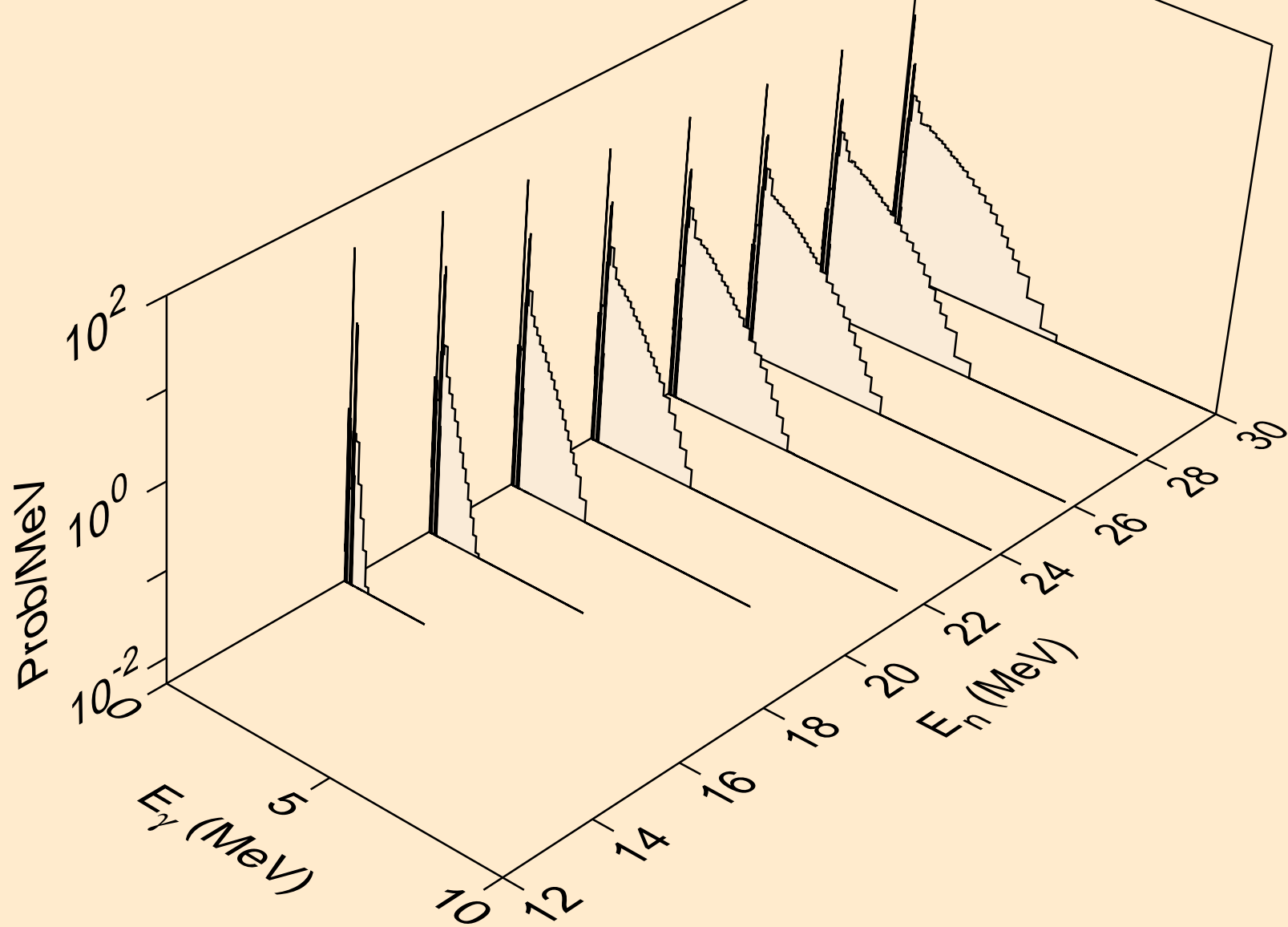
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



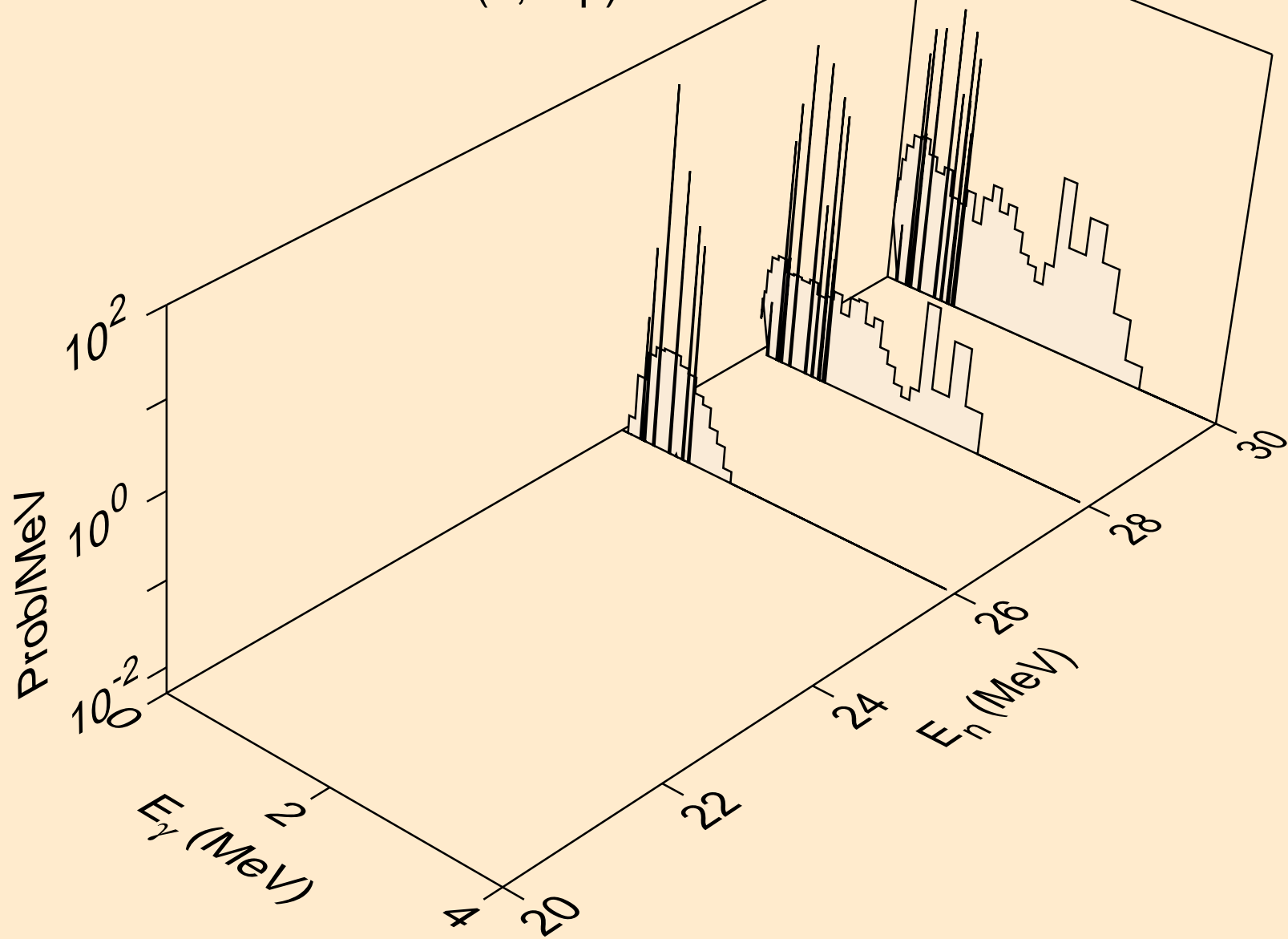
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



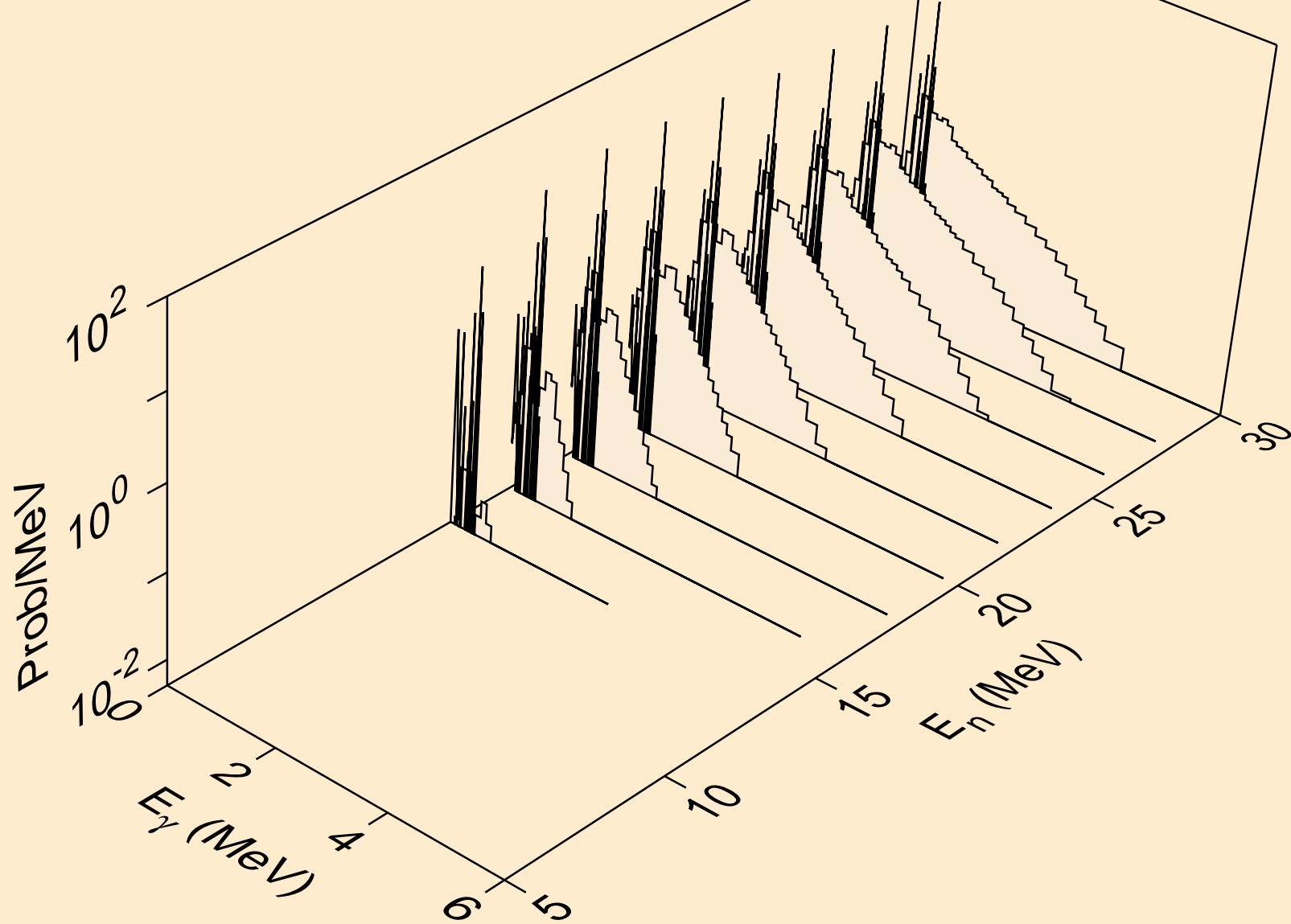
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

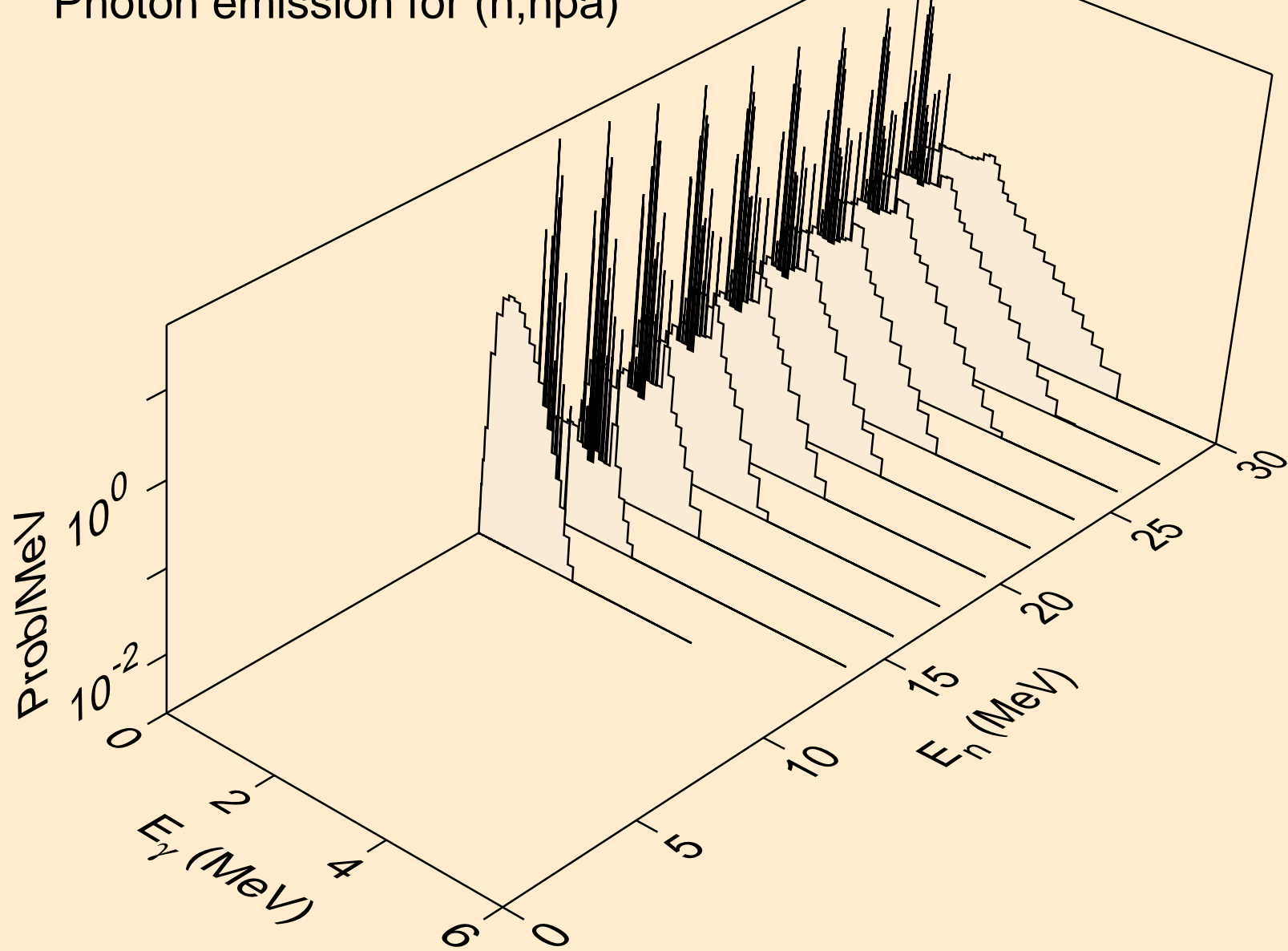


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

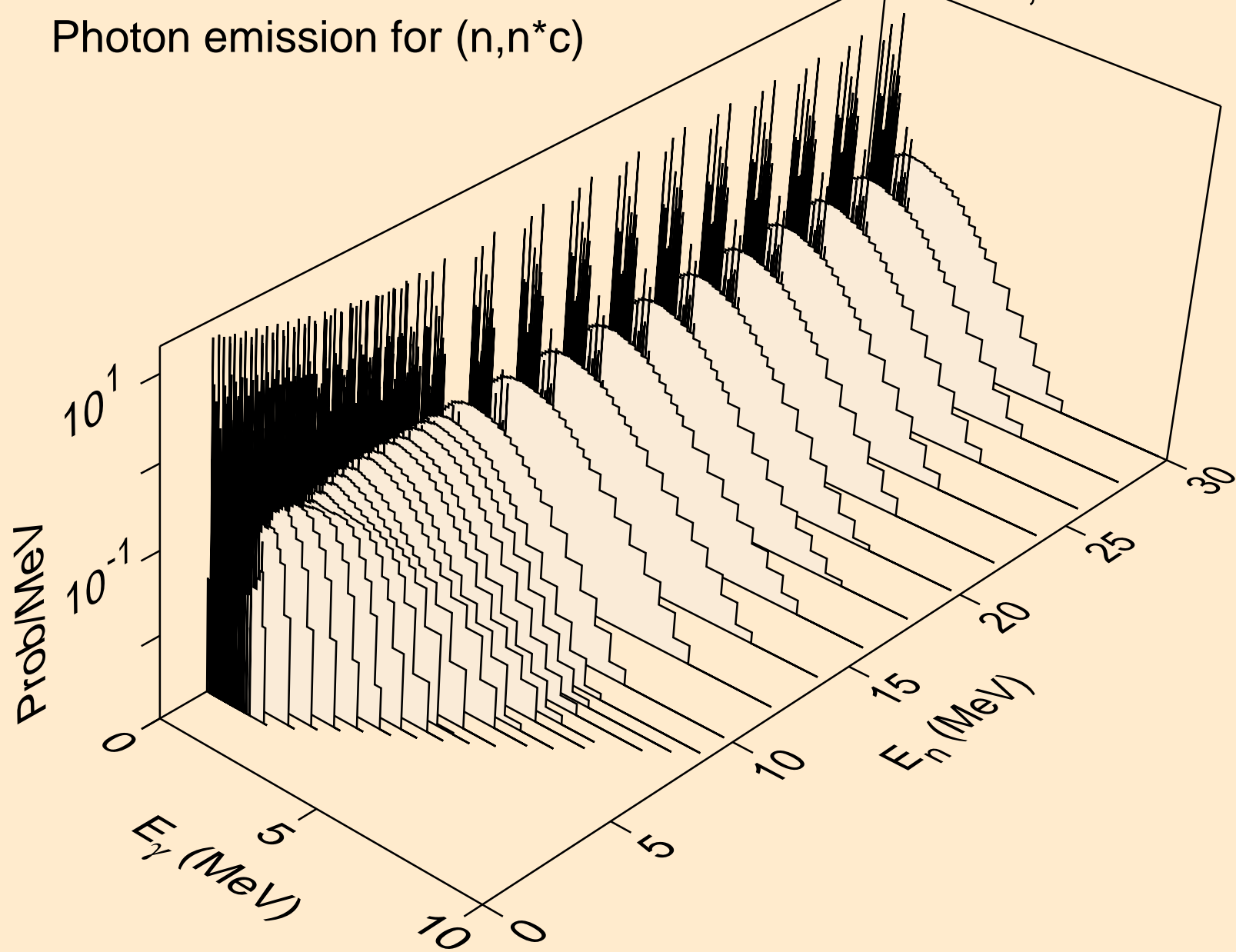




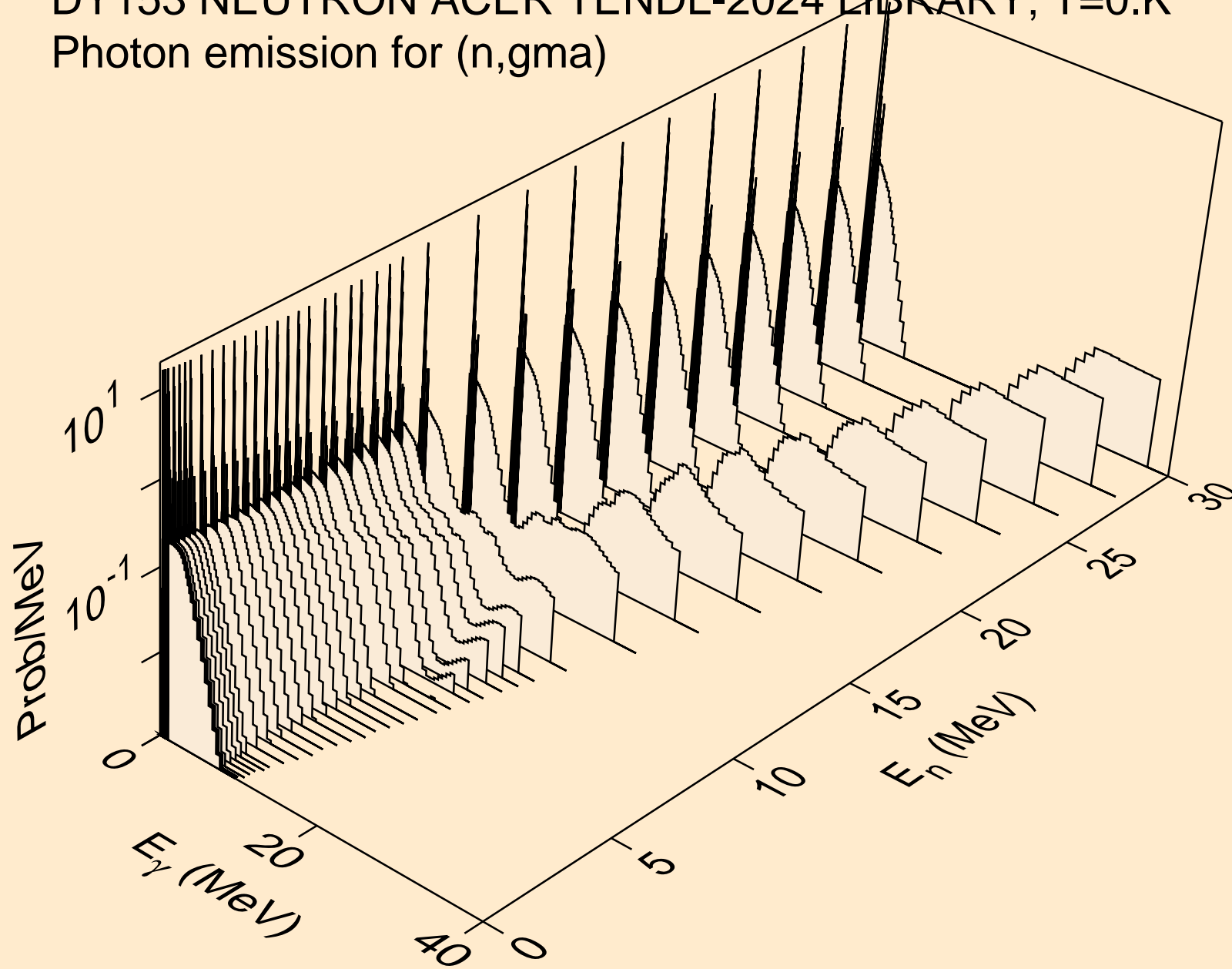
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



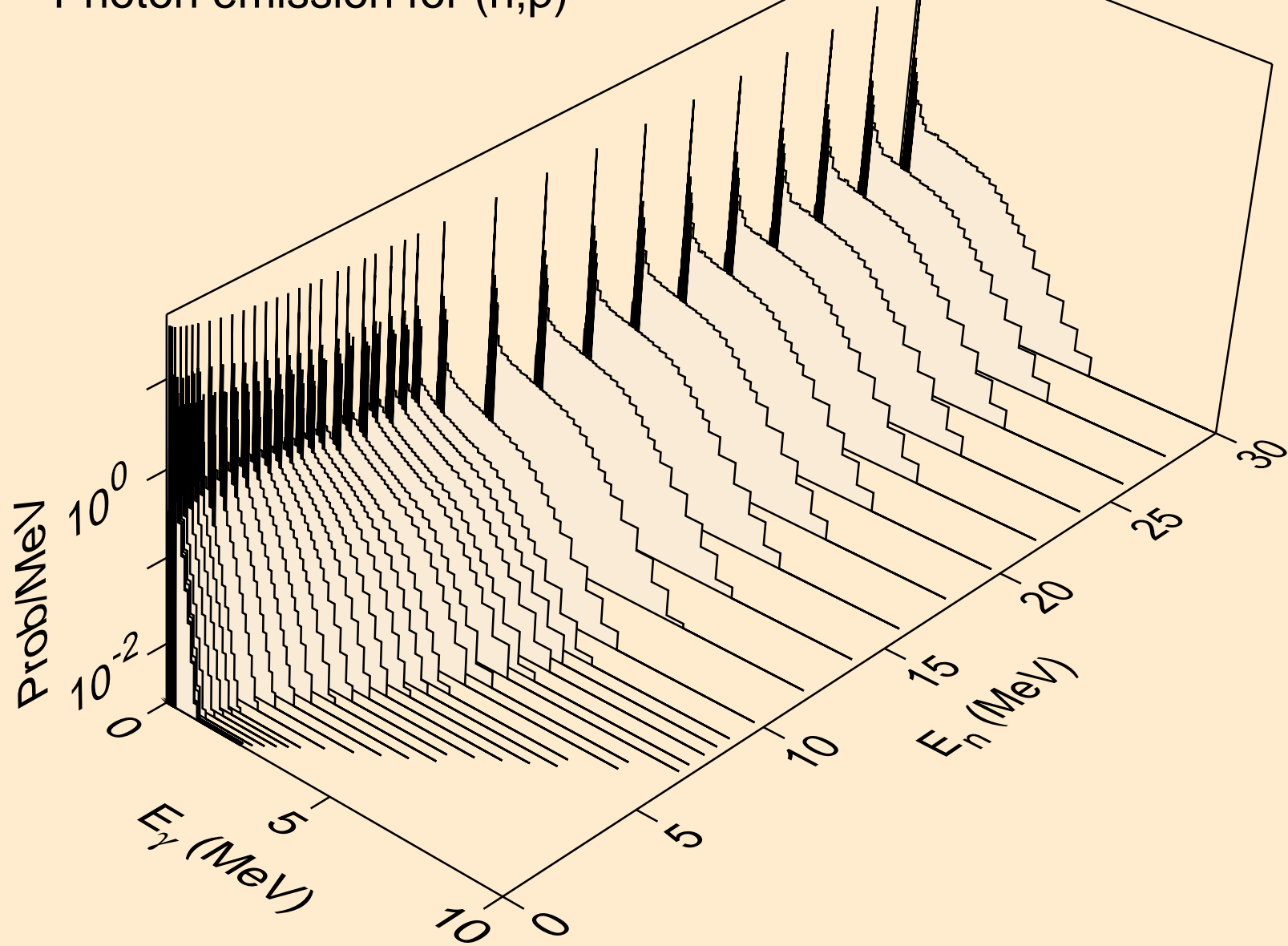
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Photon emission for (n,n\*c)



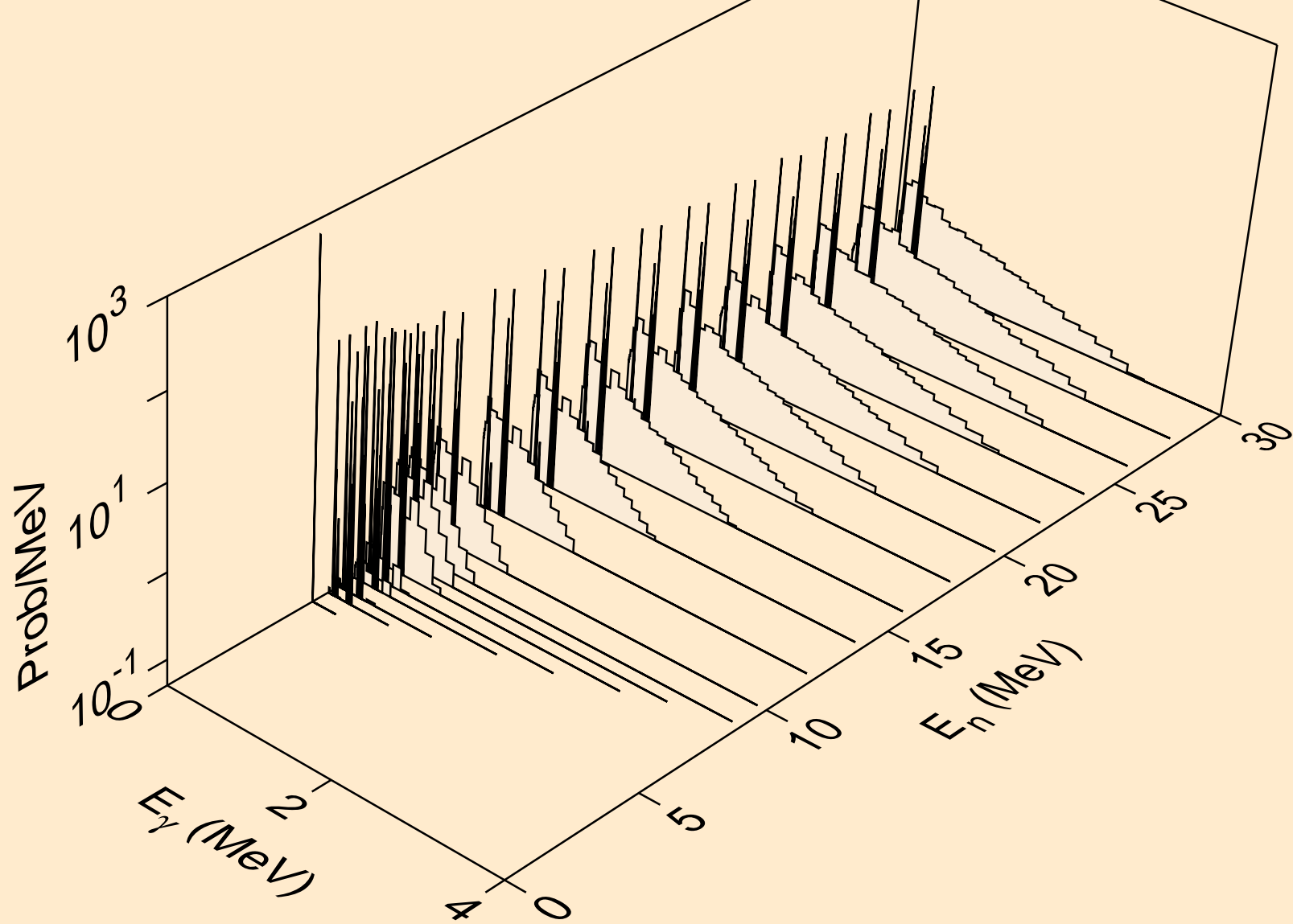
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Photon emission for (n,gma)



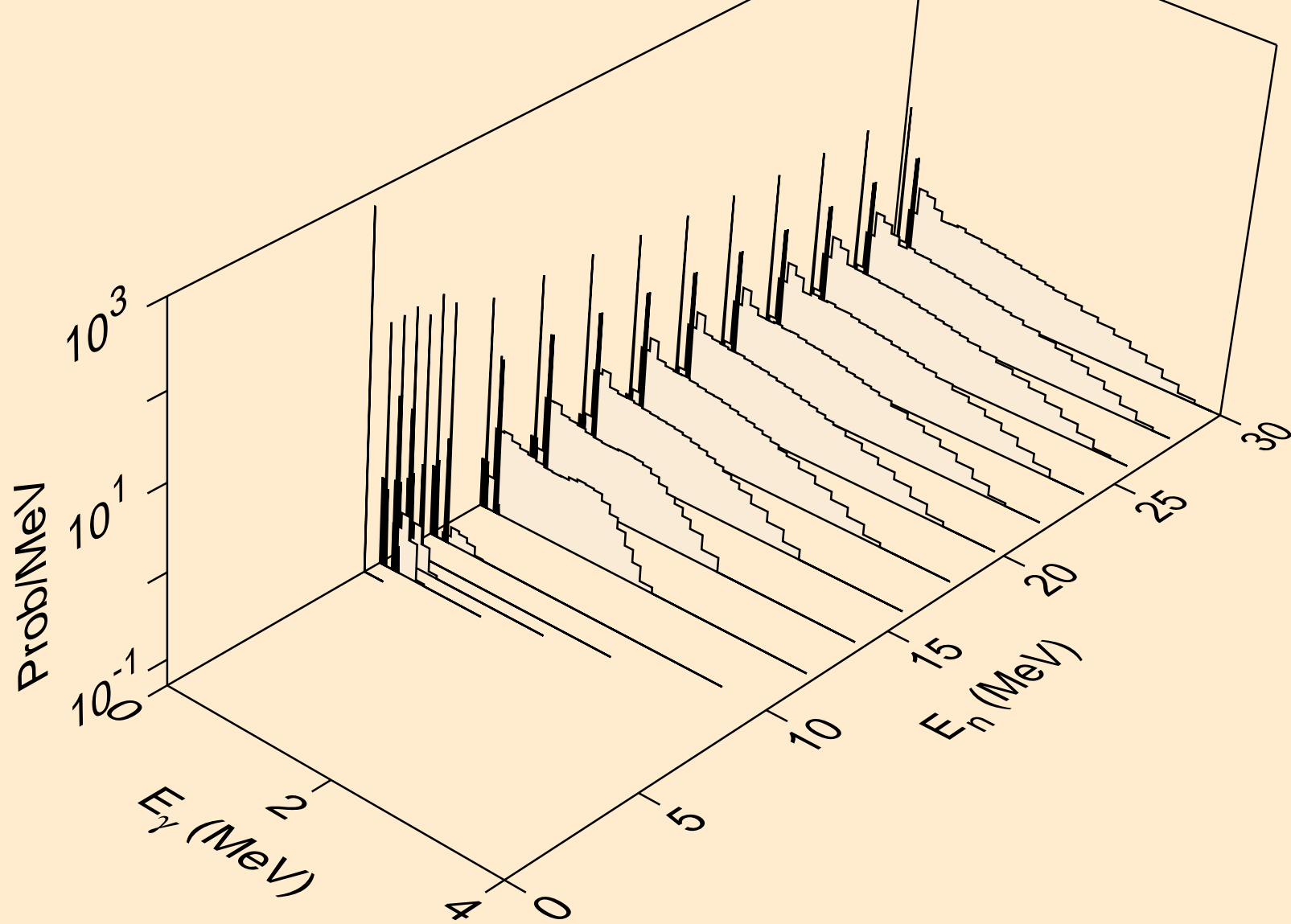
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



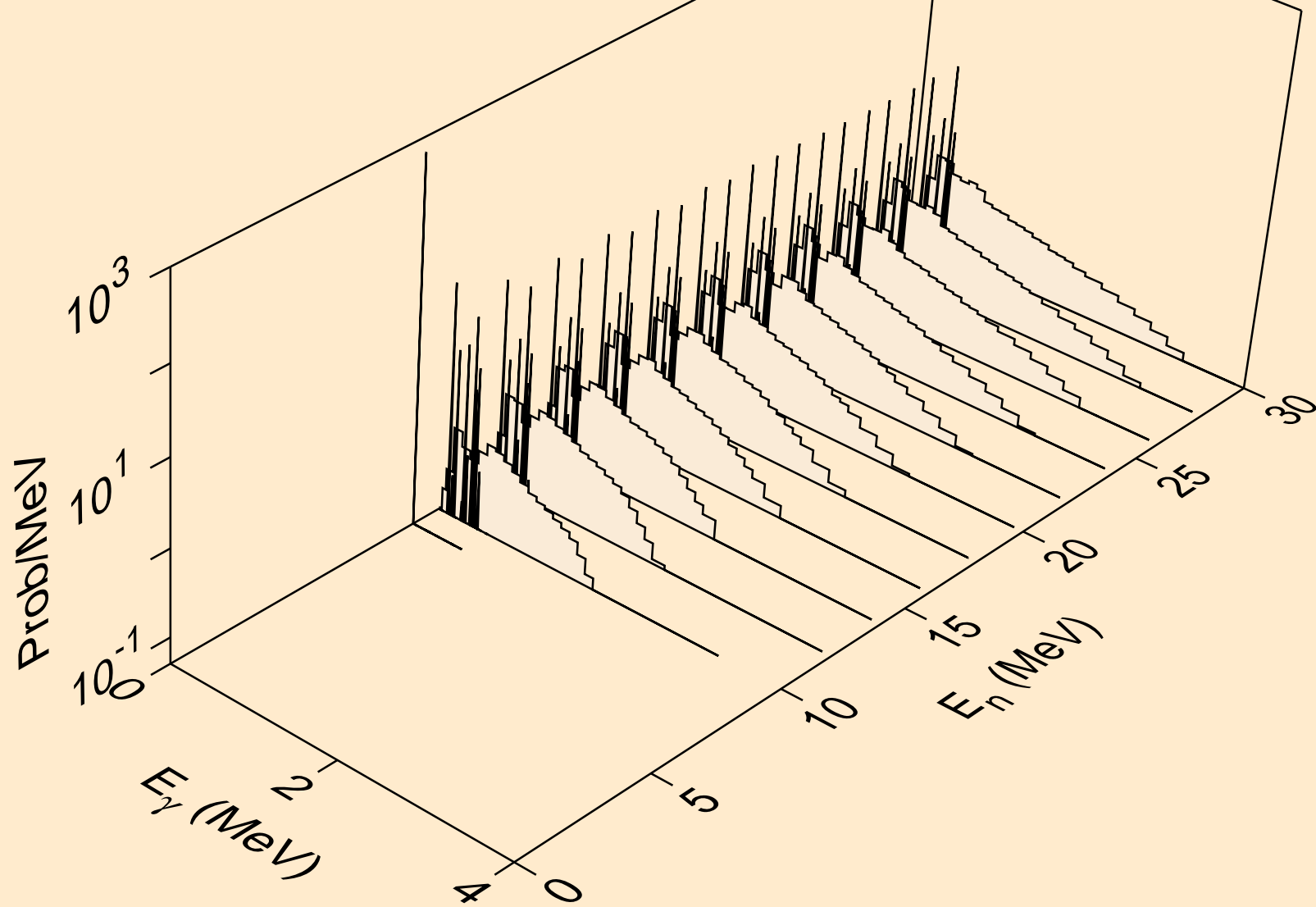
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



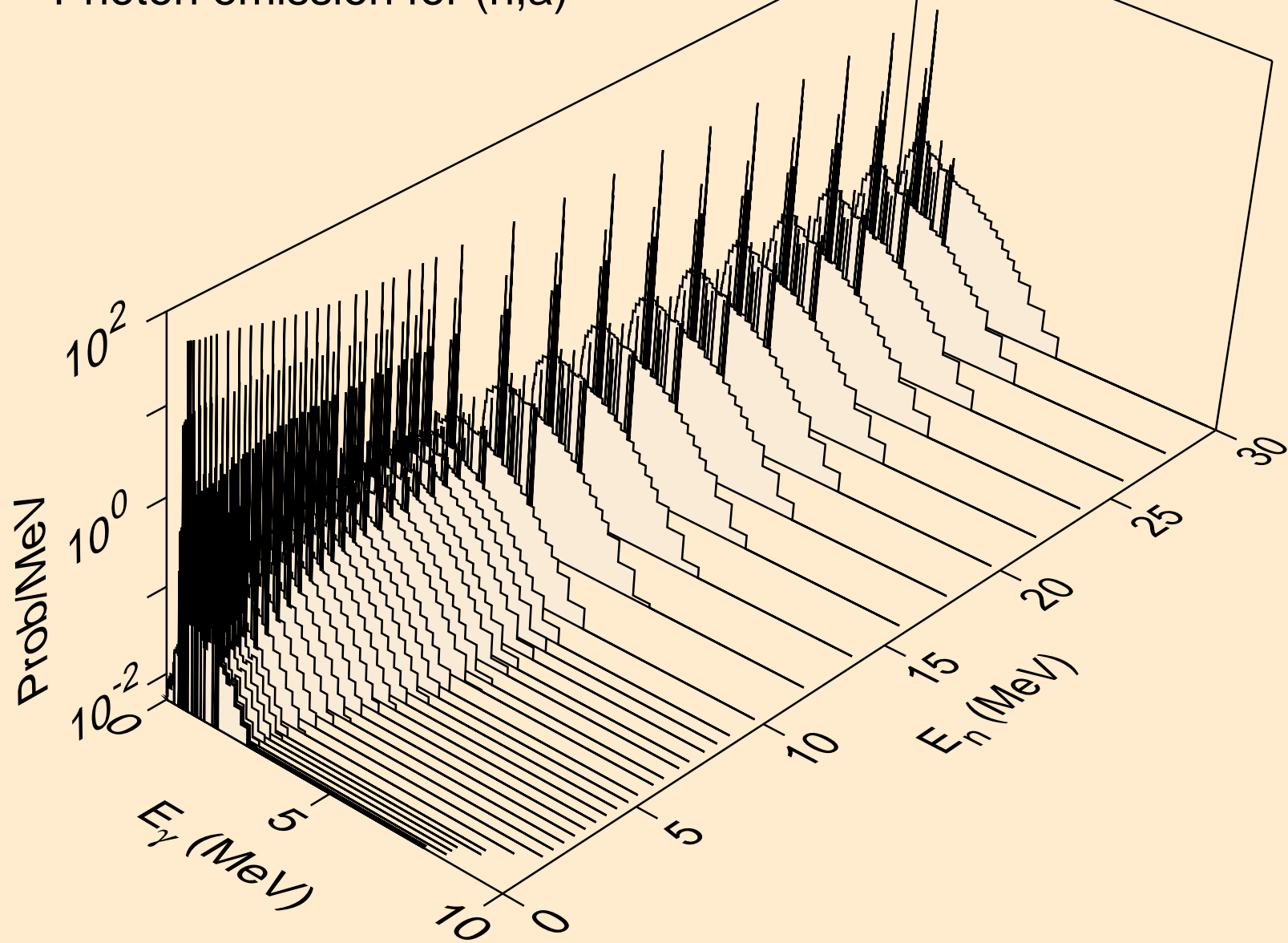
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

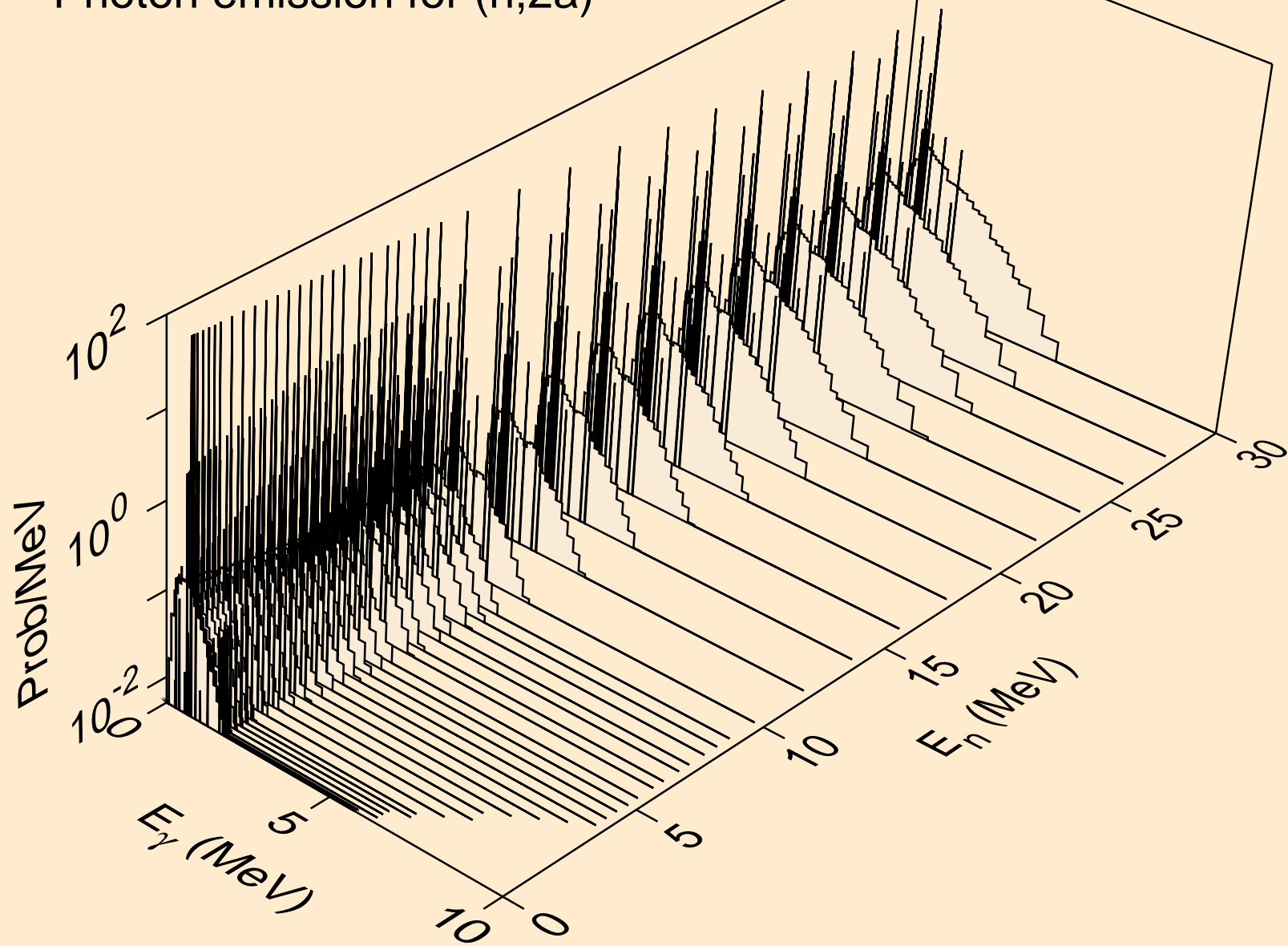


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

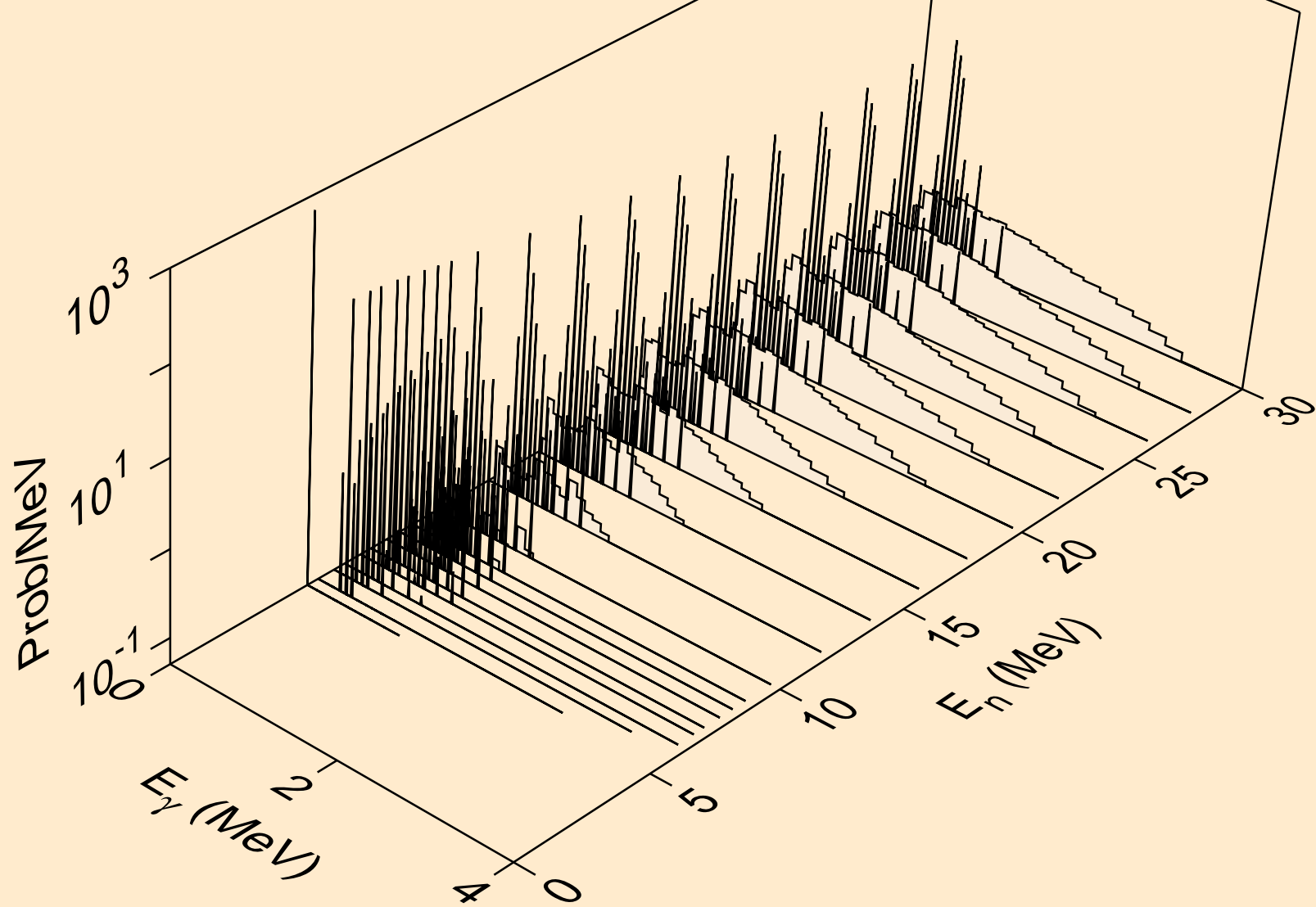




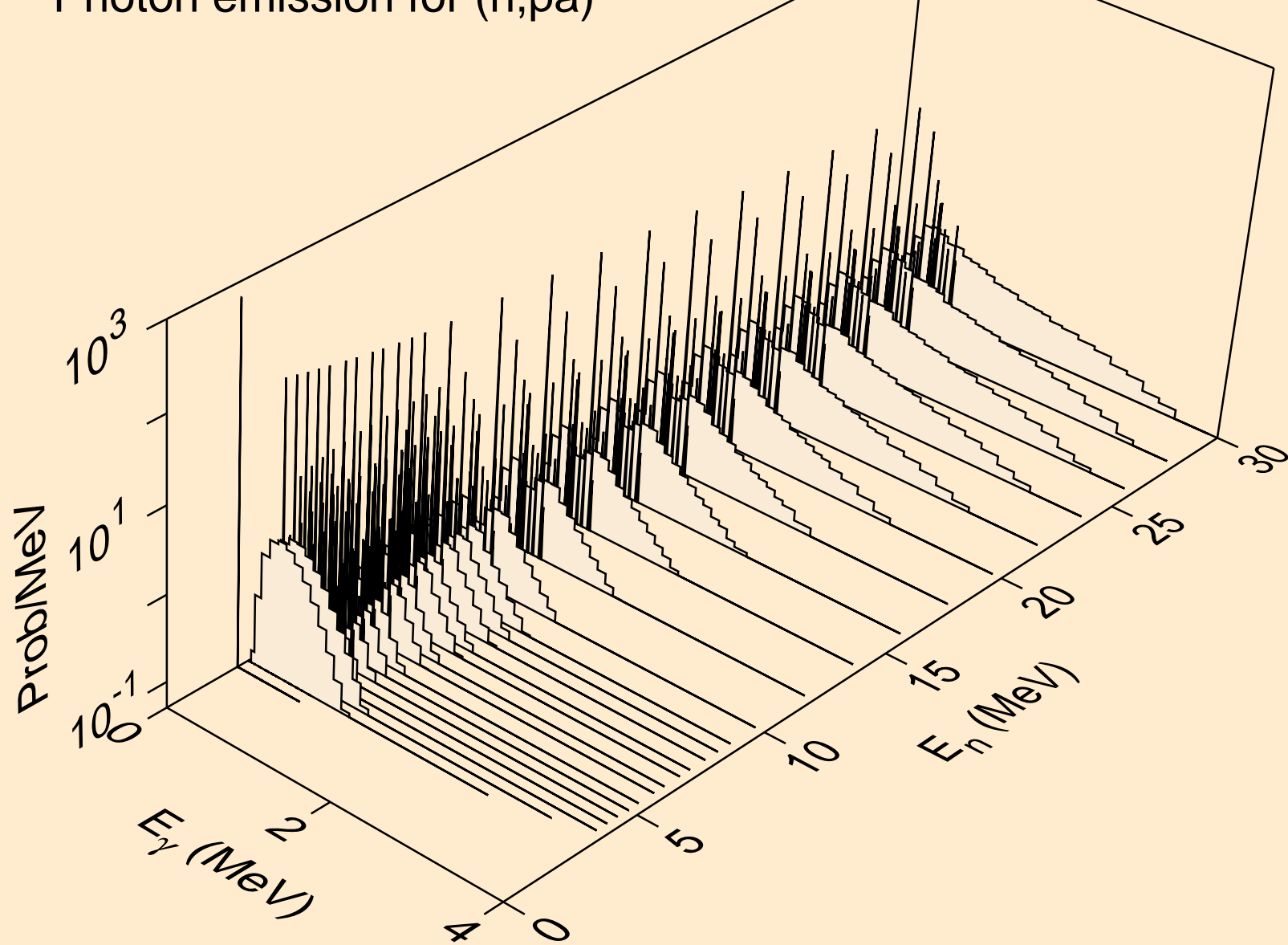
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



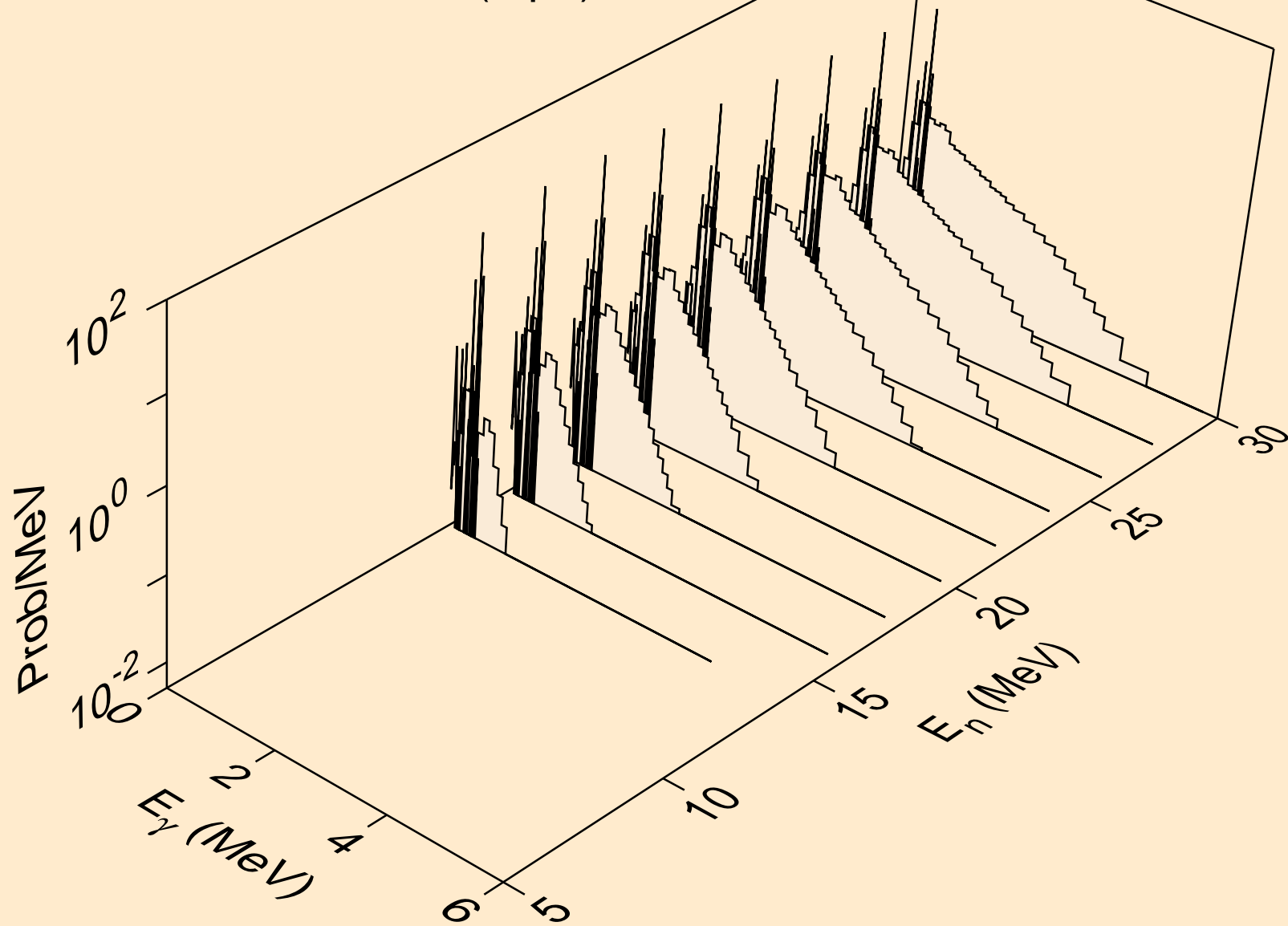
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Photon emission for (n,2p)



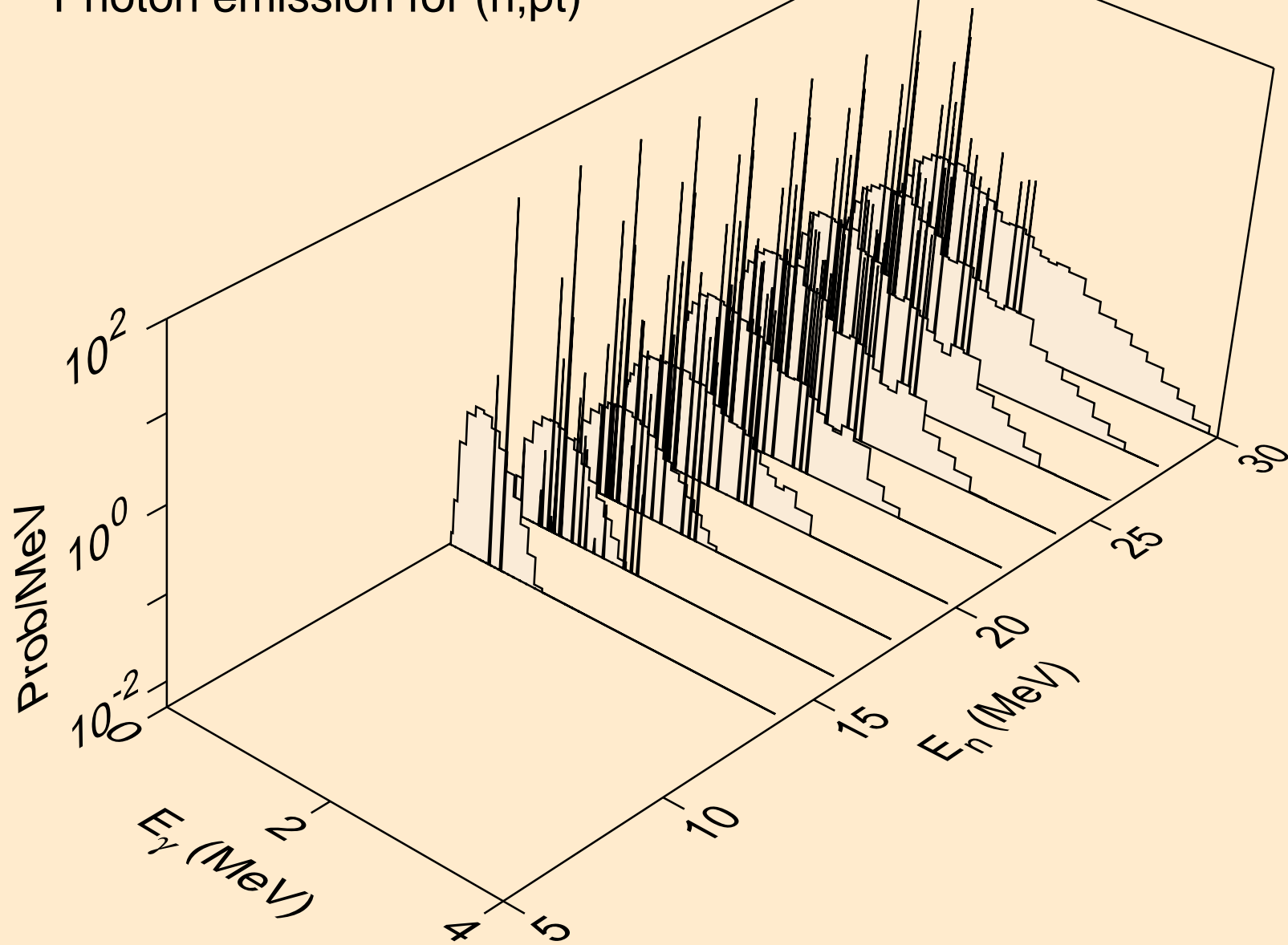
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



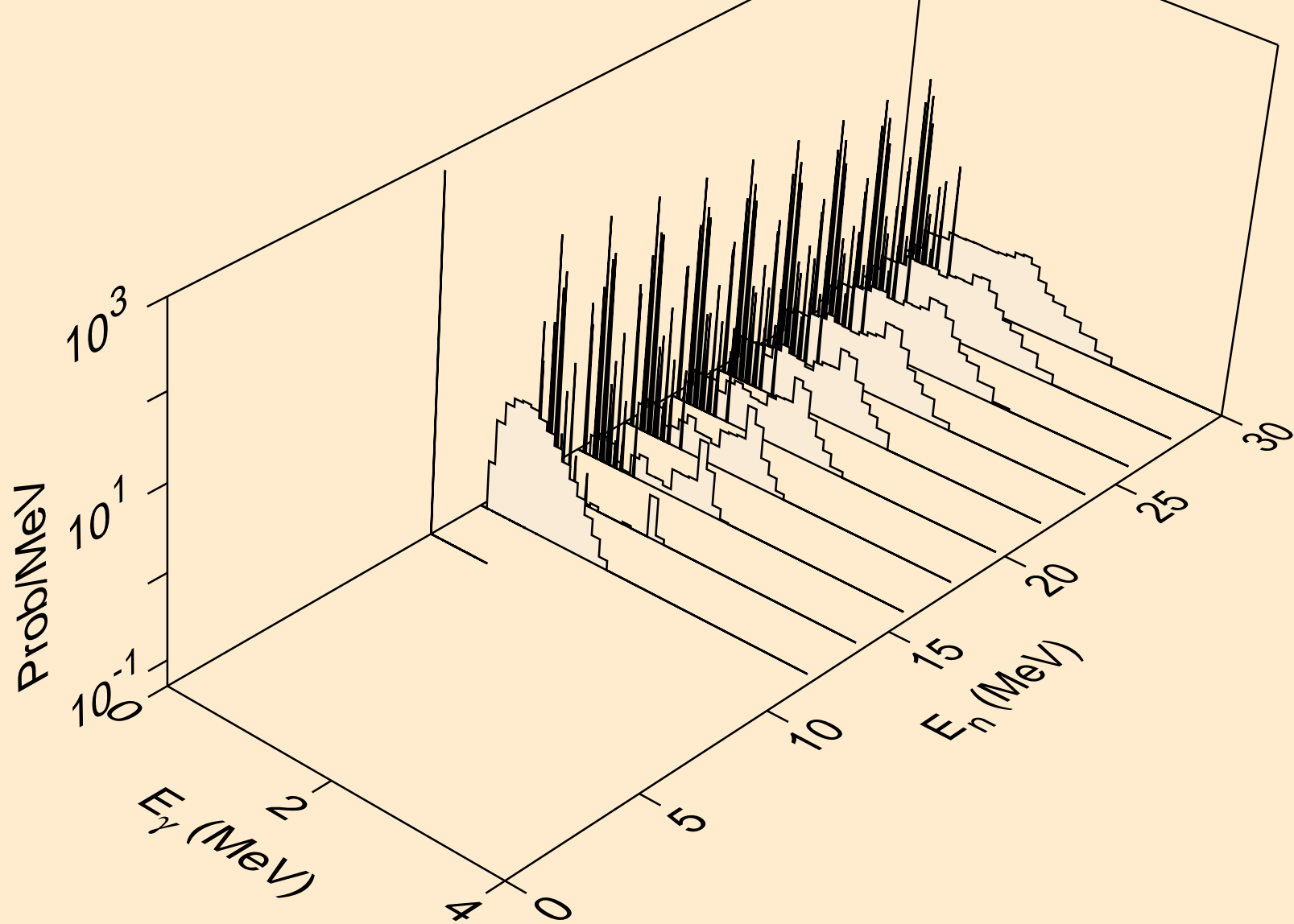
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



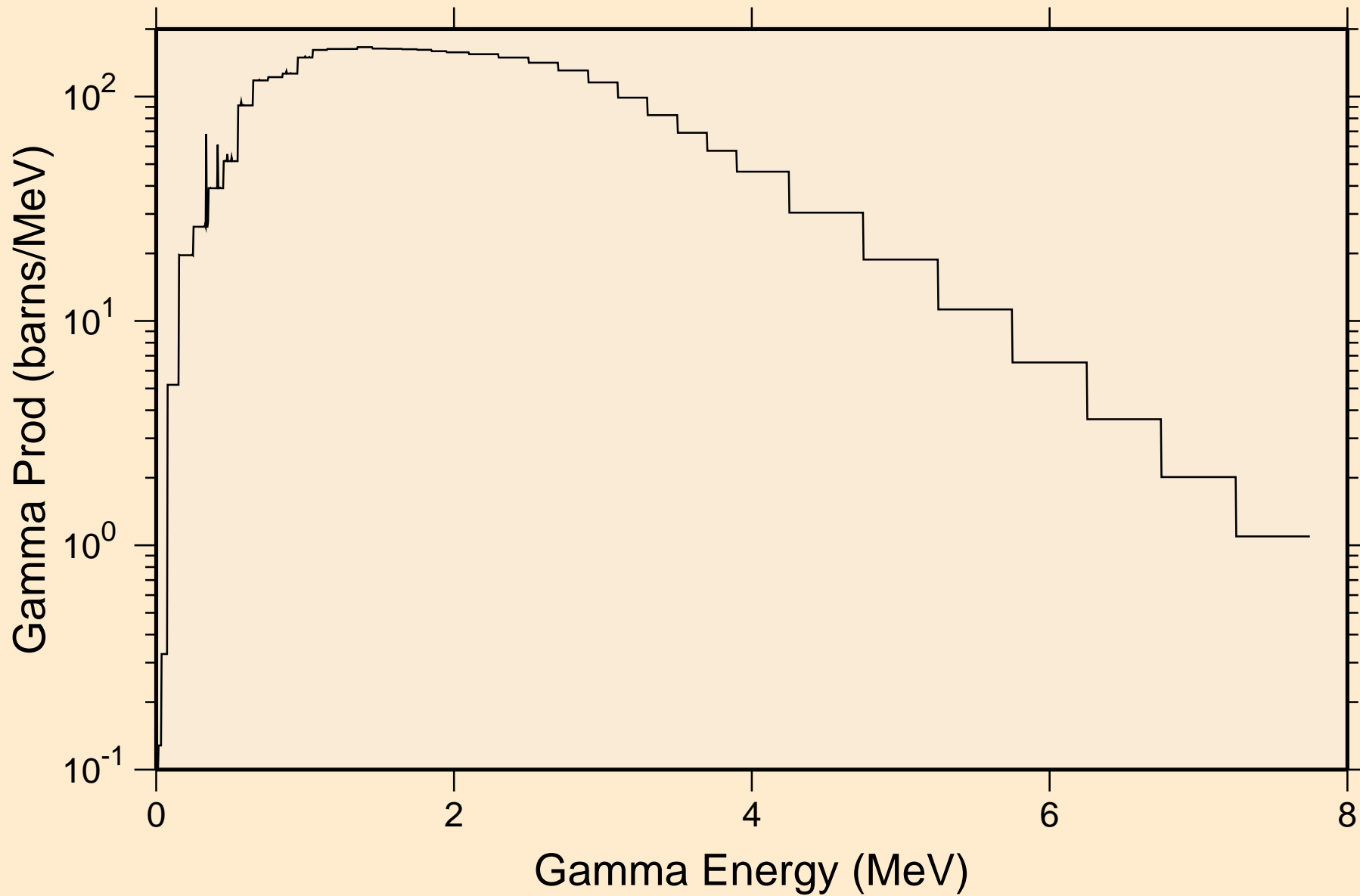
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



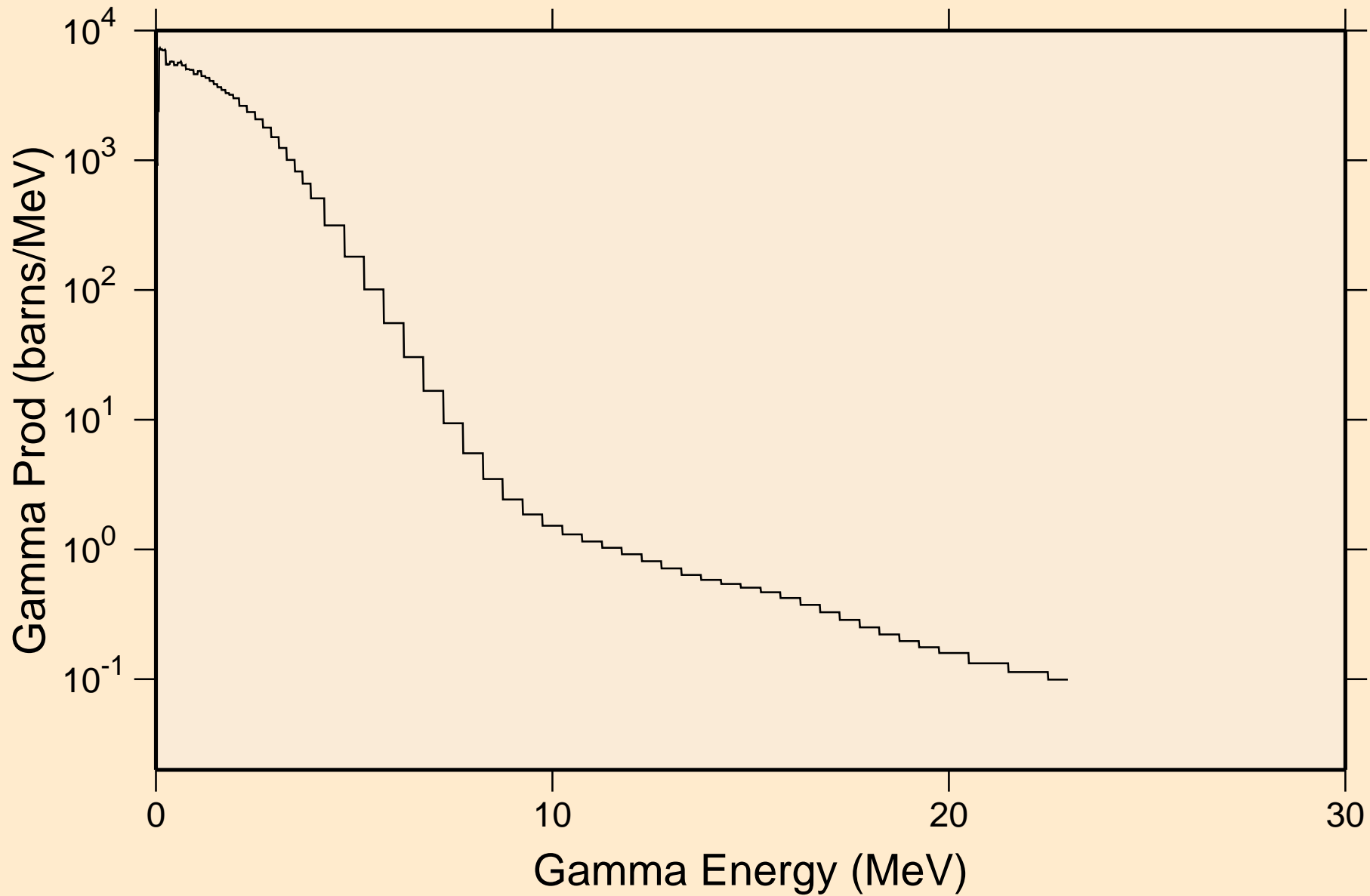
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



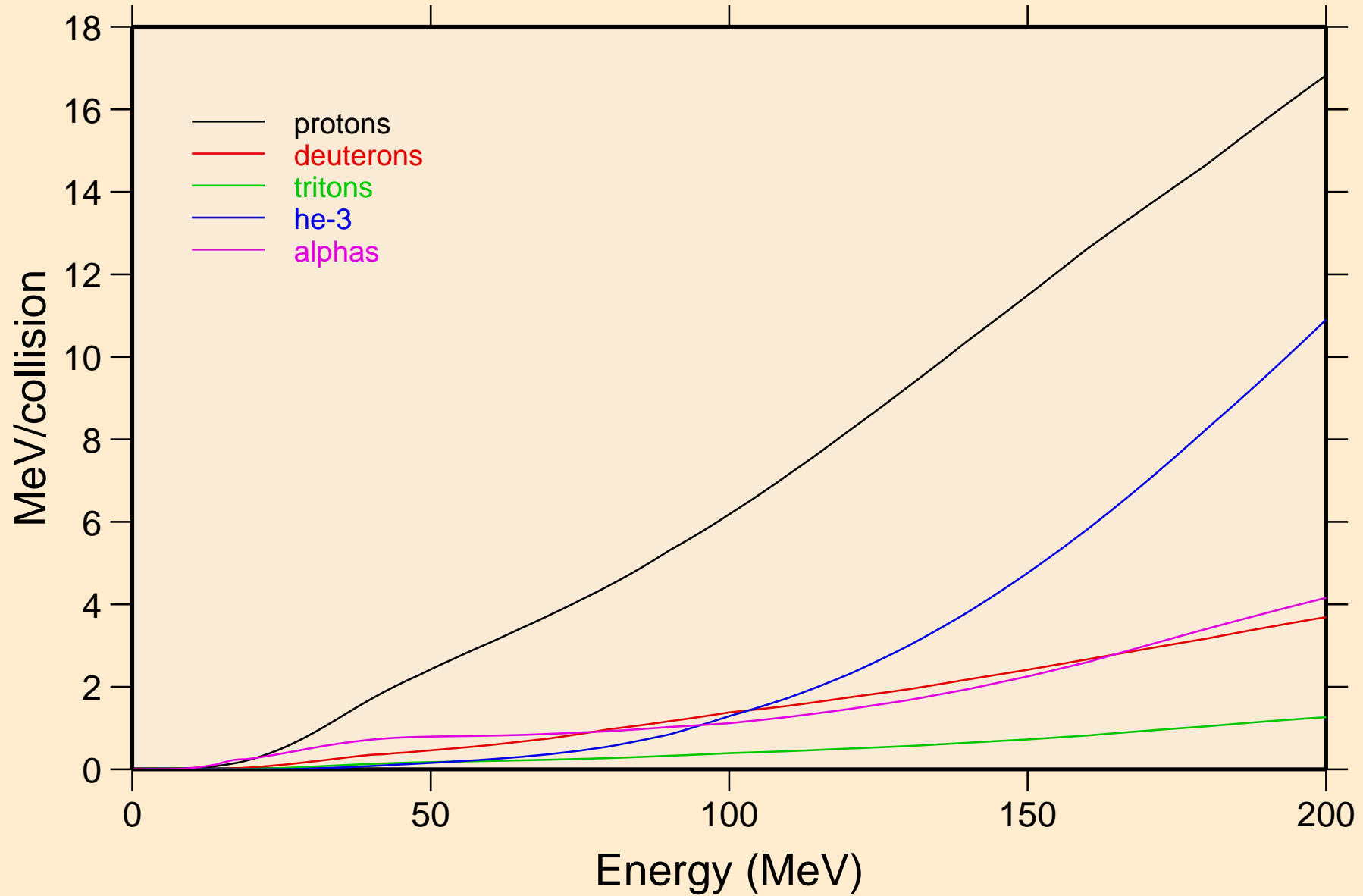
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



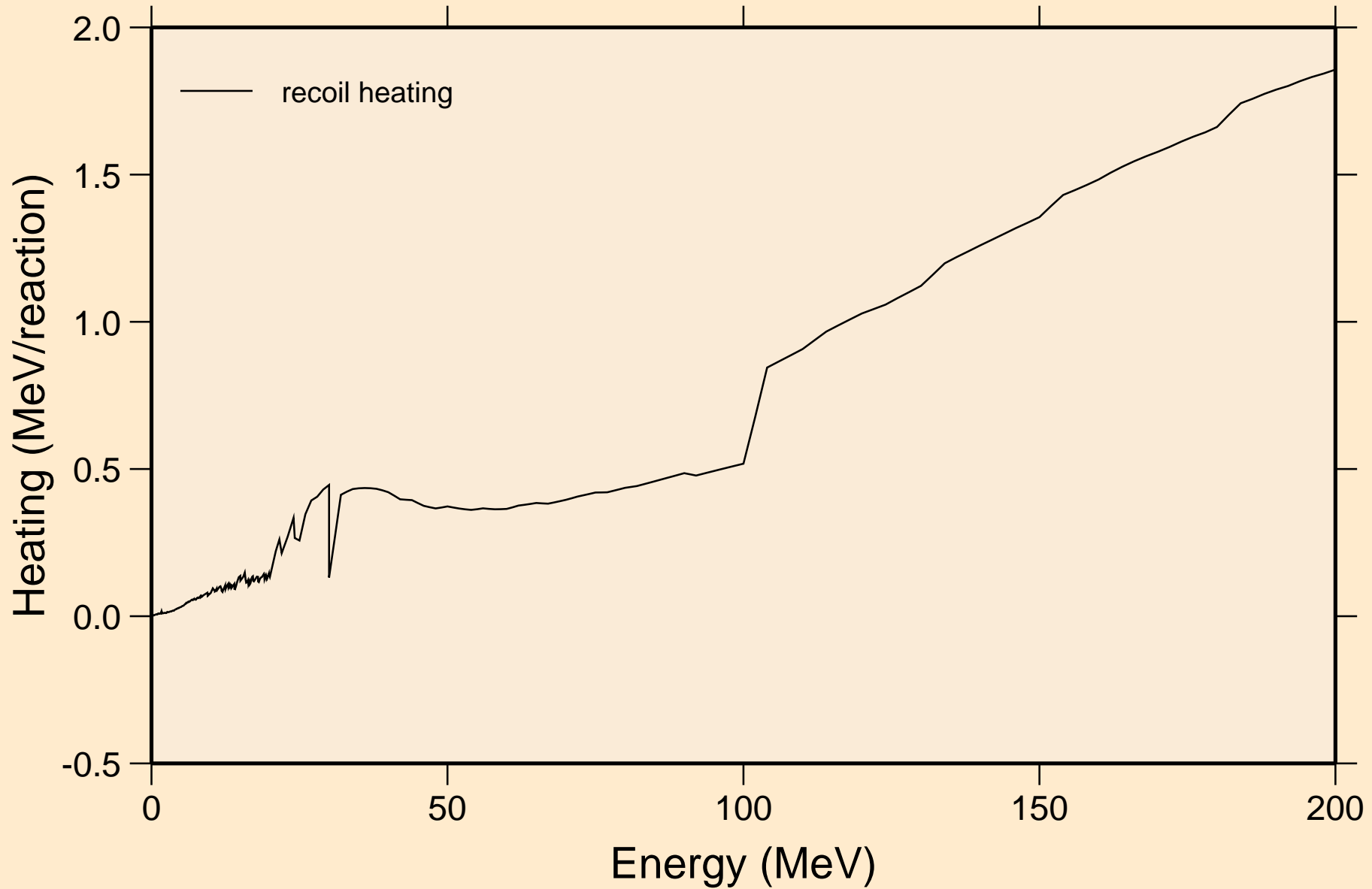


# DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

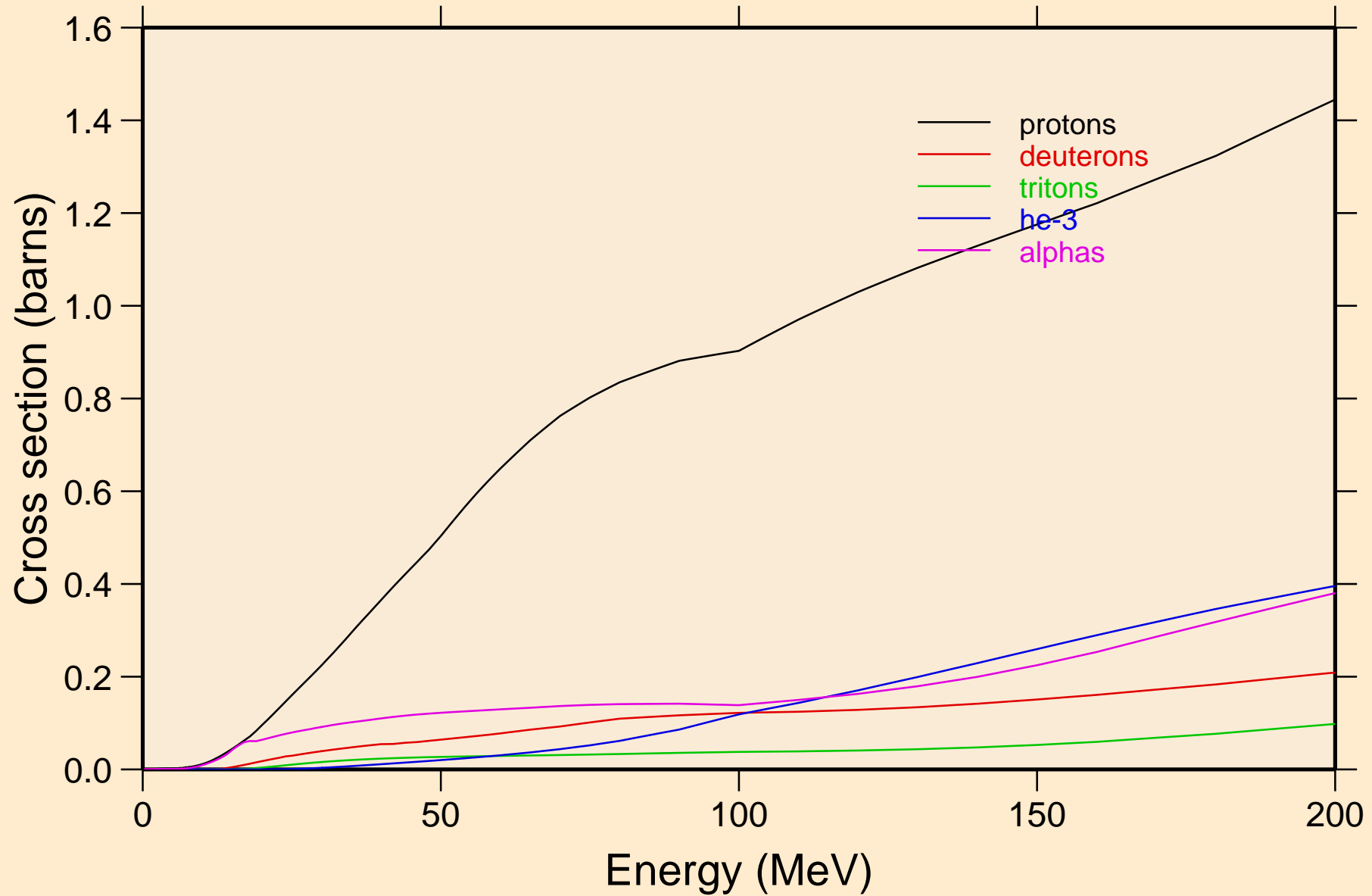
## Particle heating contributions



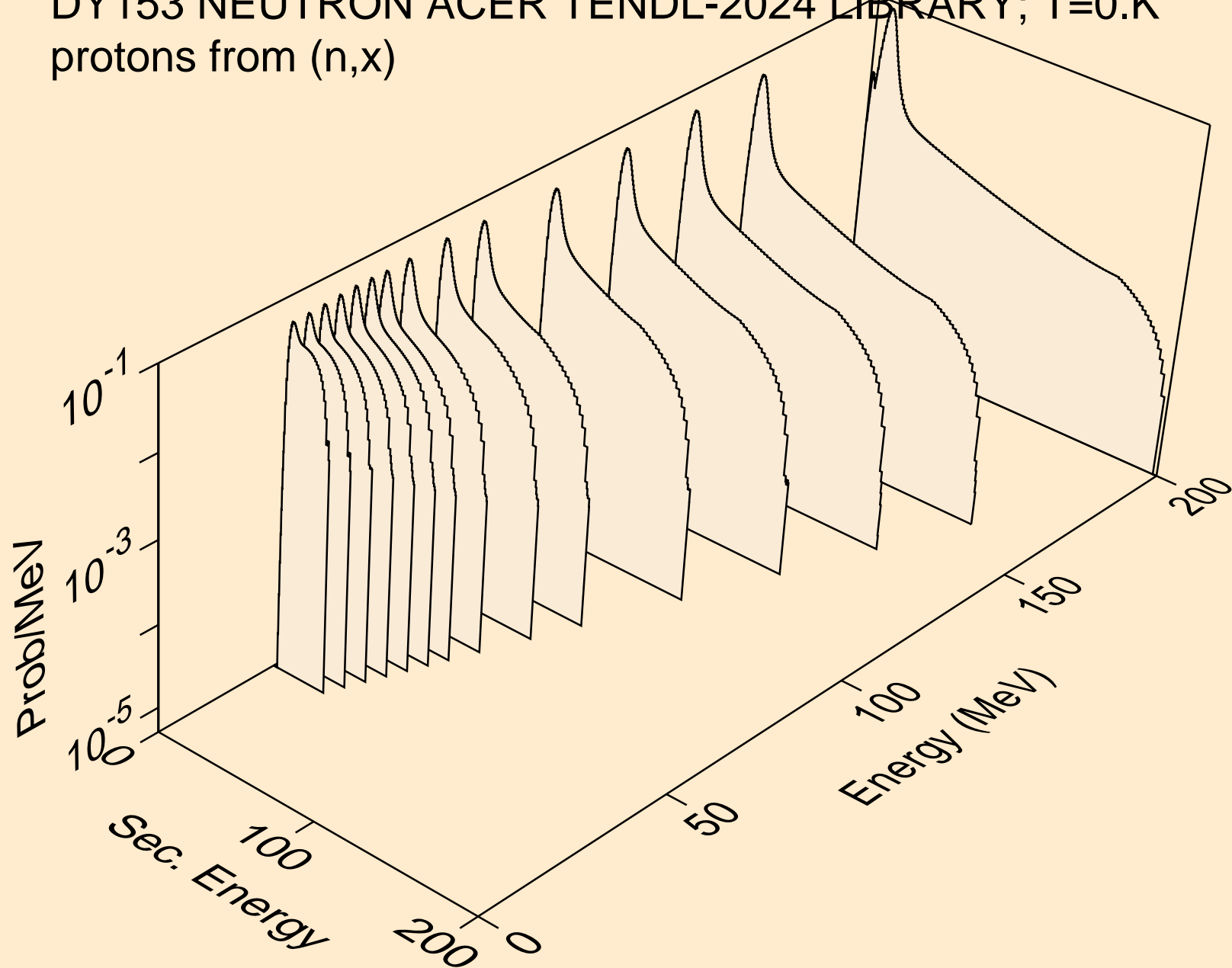
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



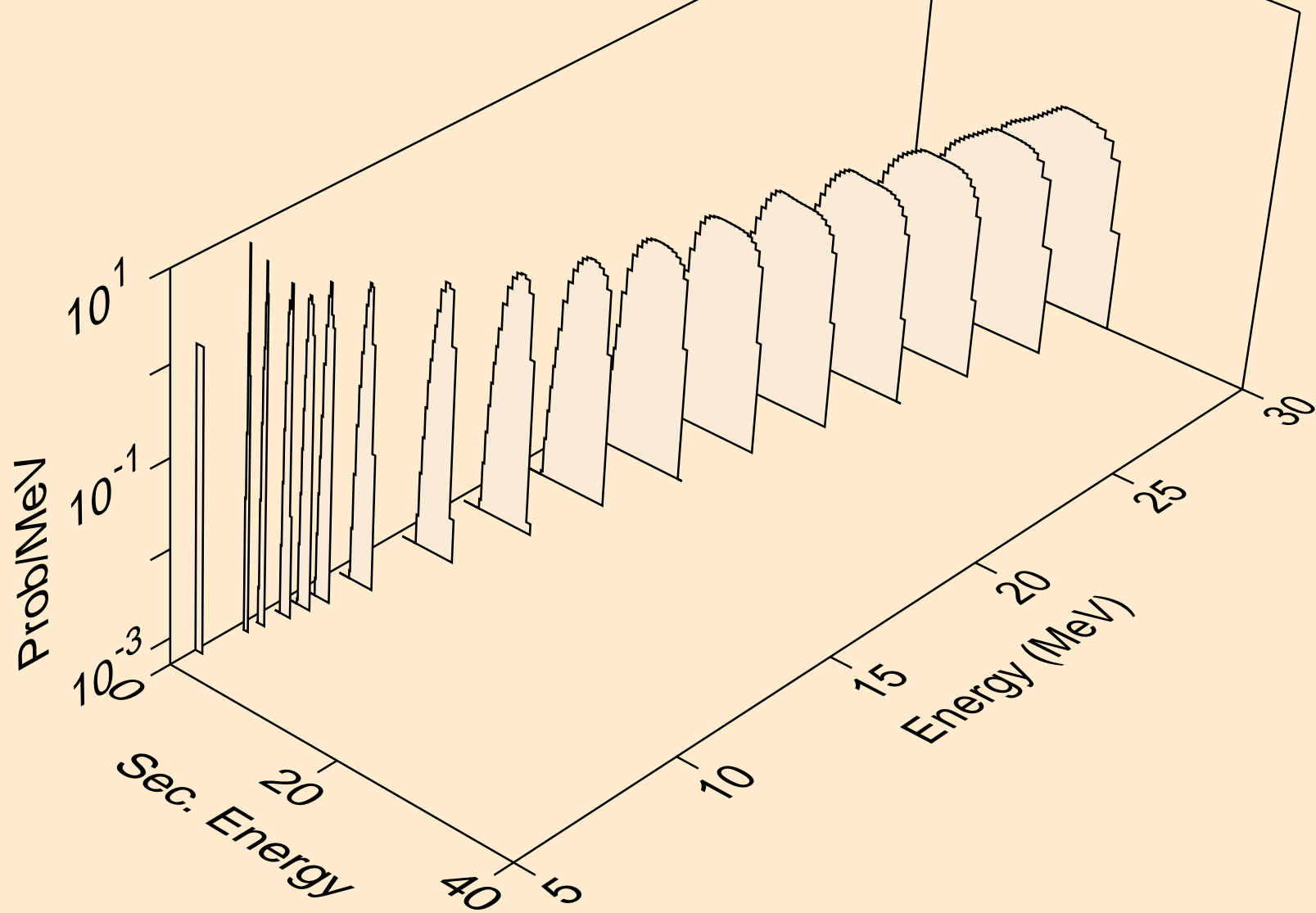
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



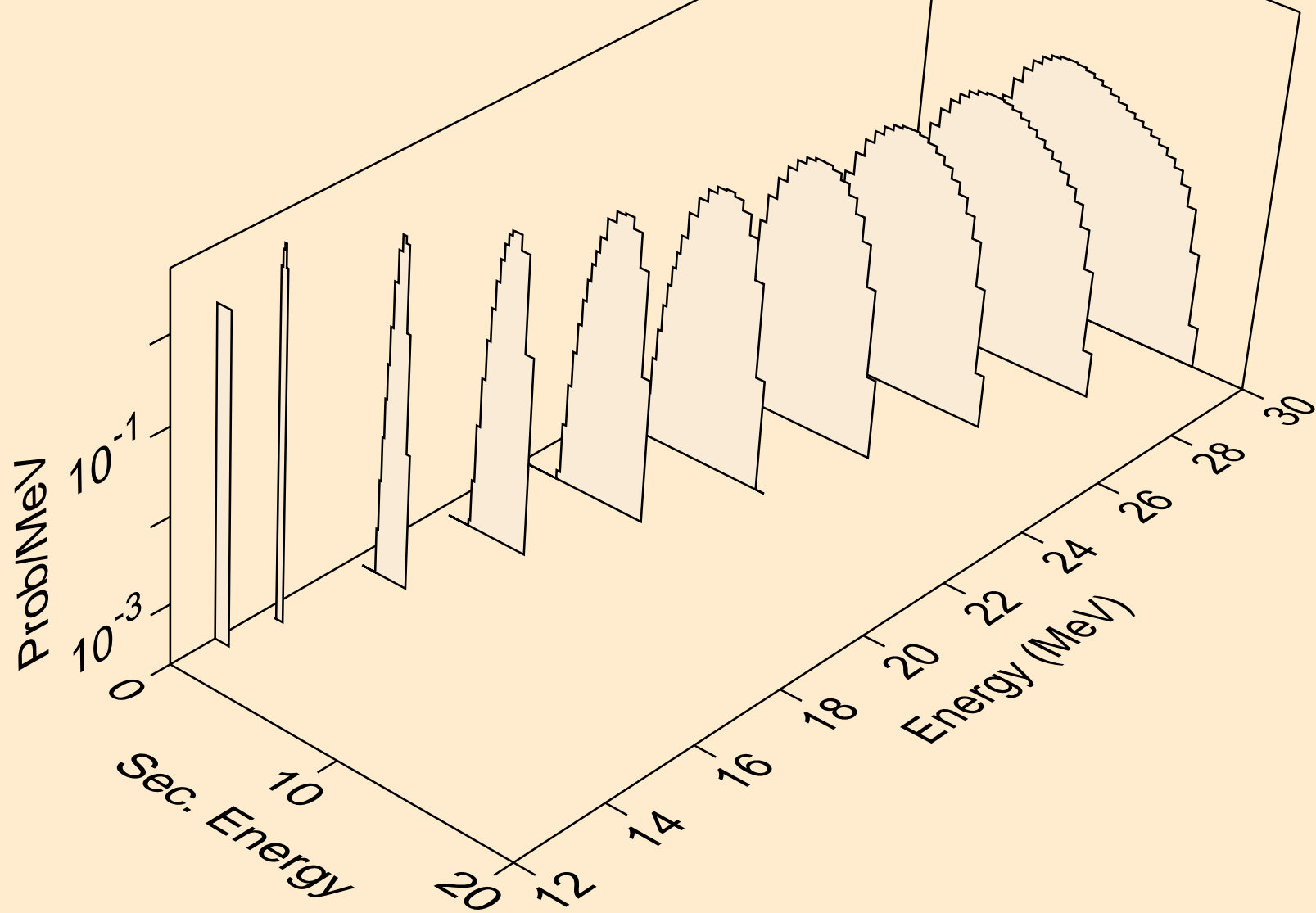
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



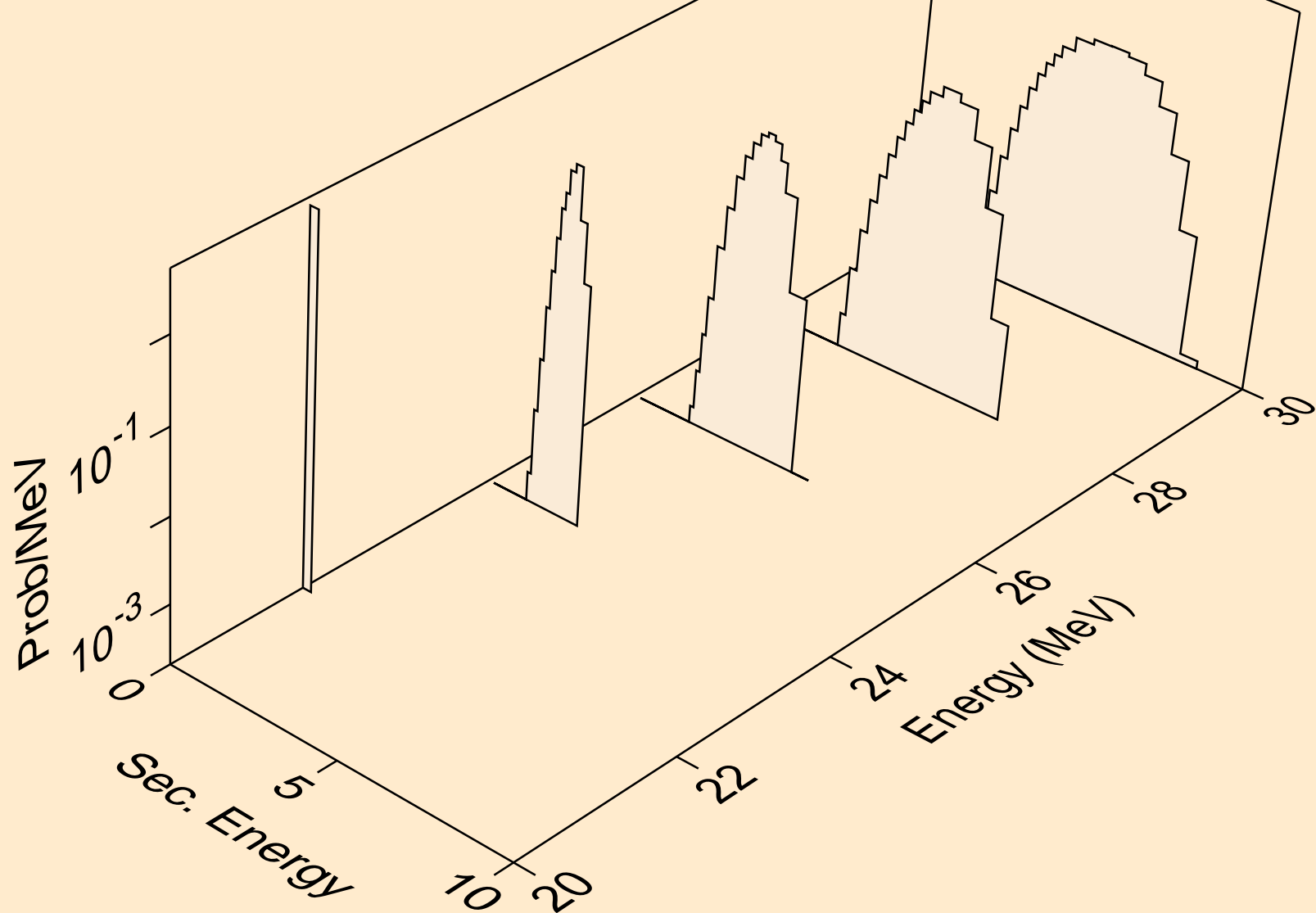
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



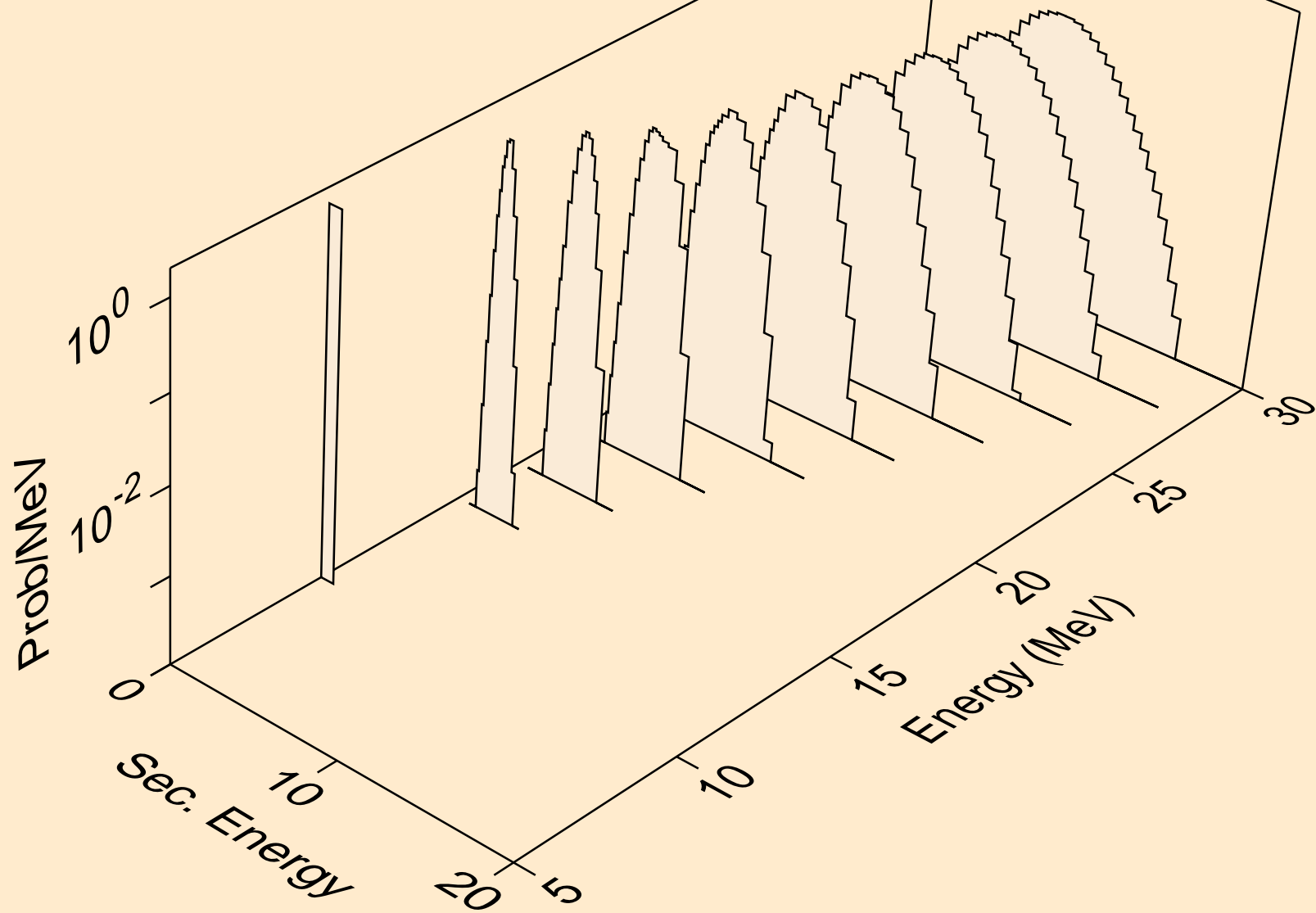
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

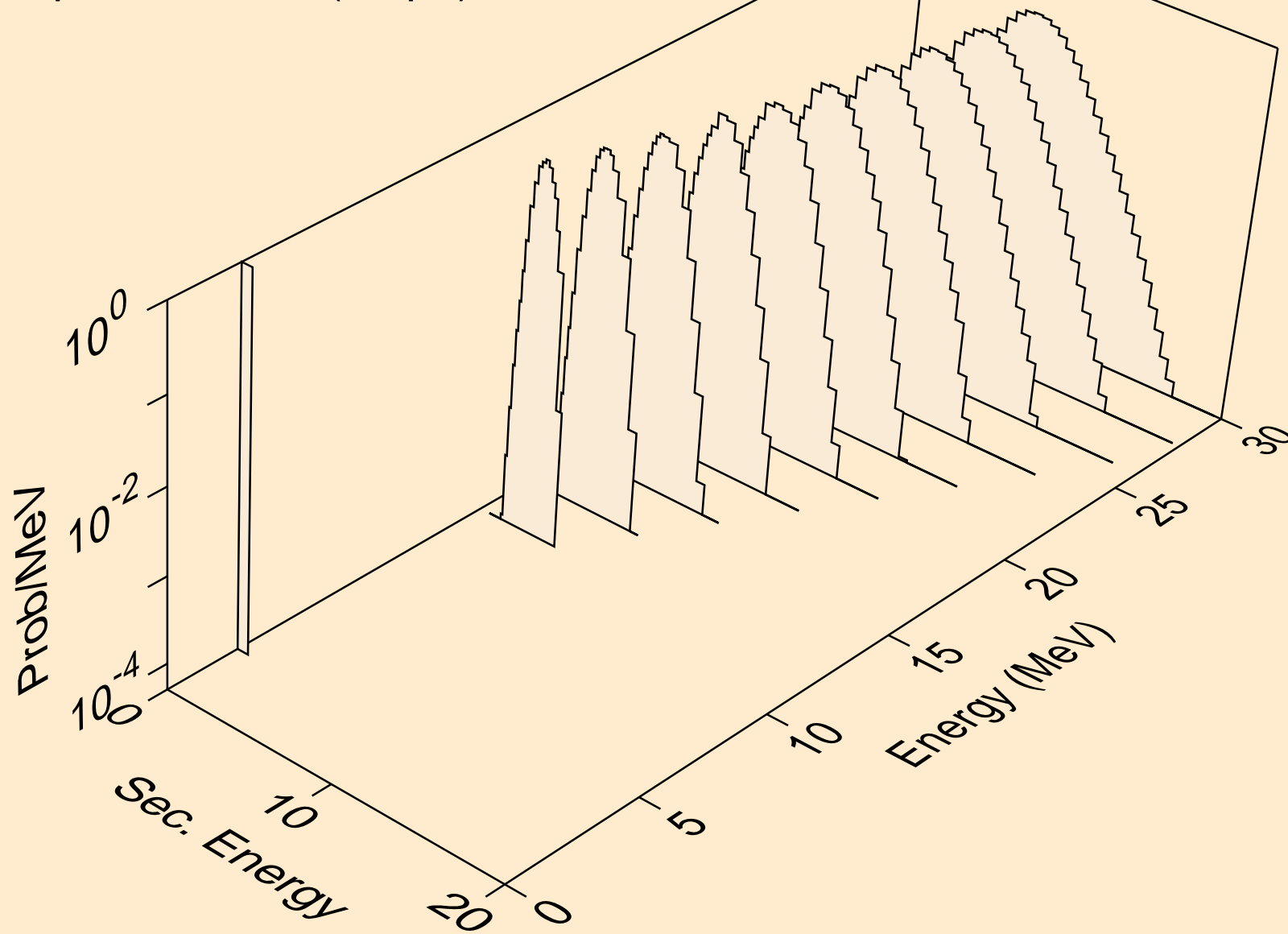


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protons from (n,n2p)

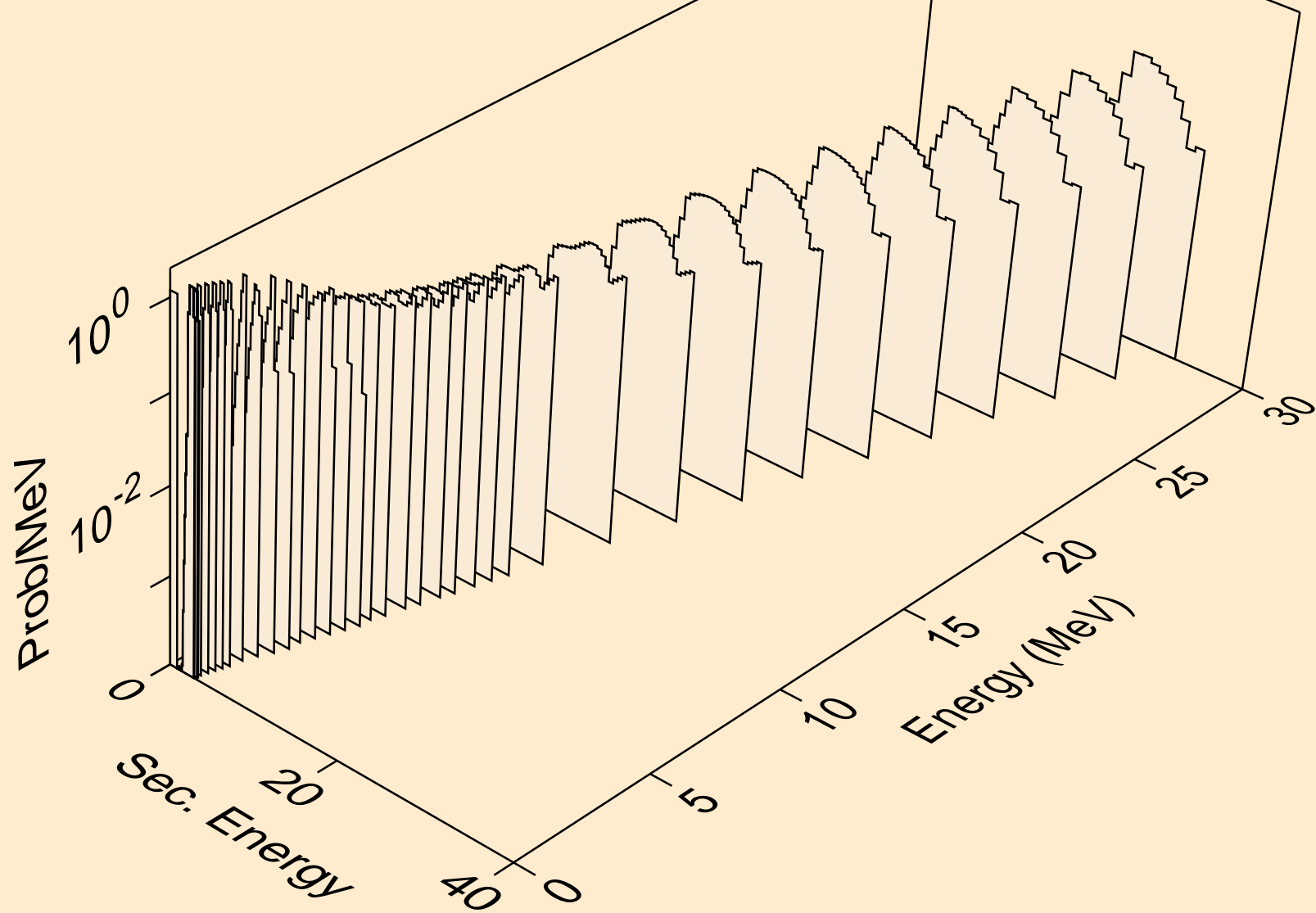




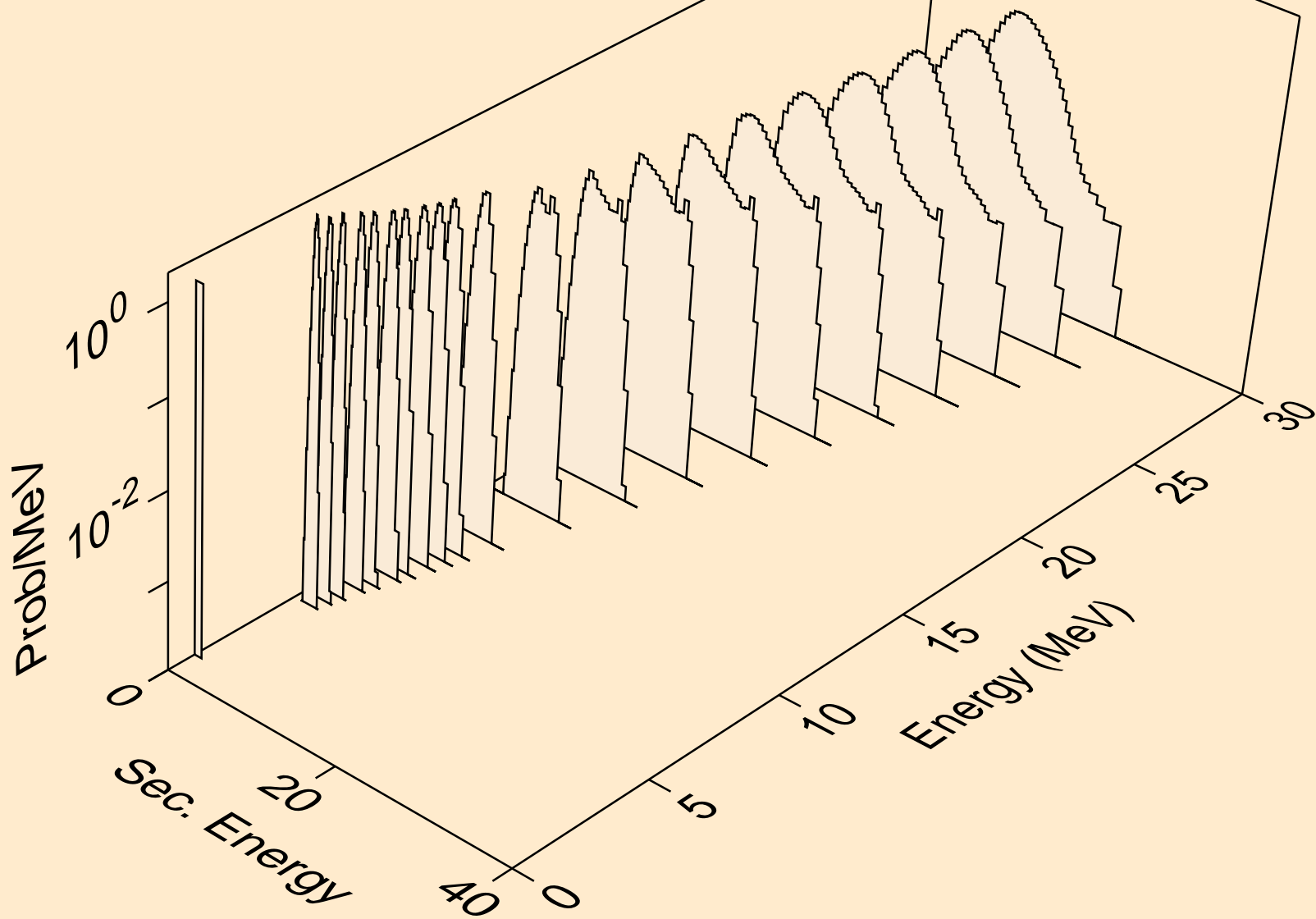
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protons from (n,npa)



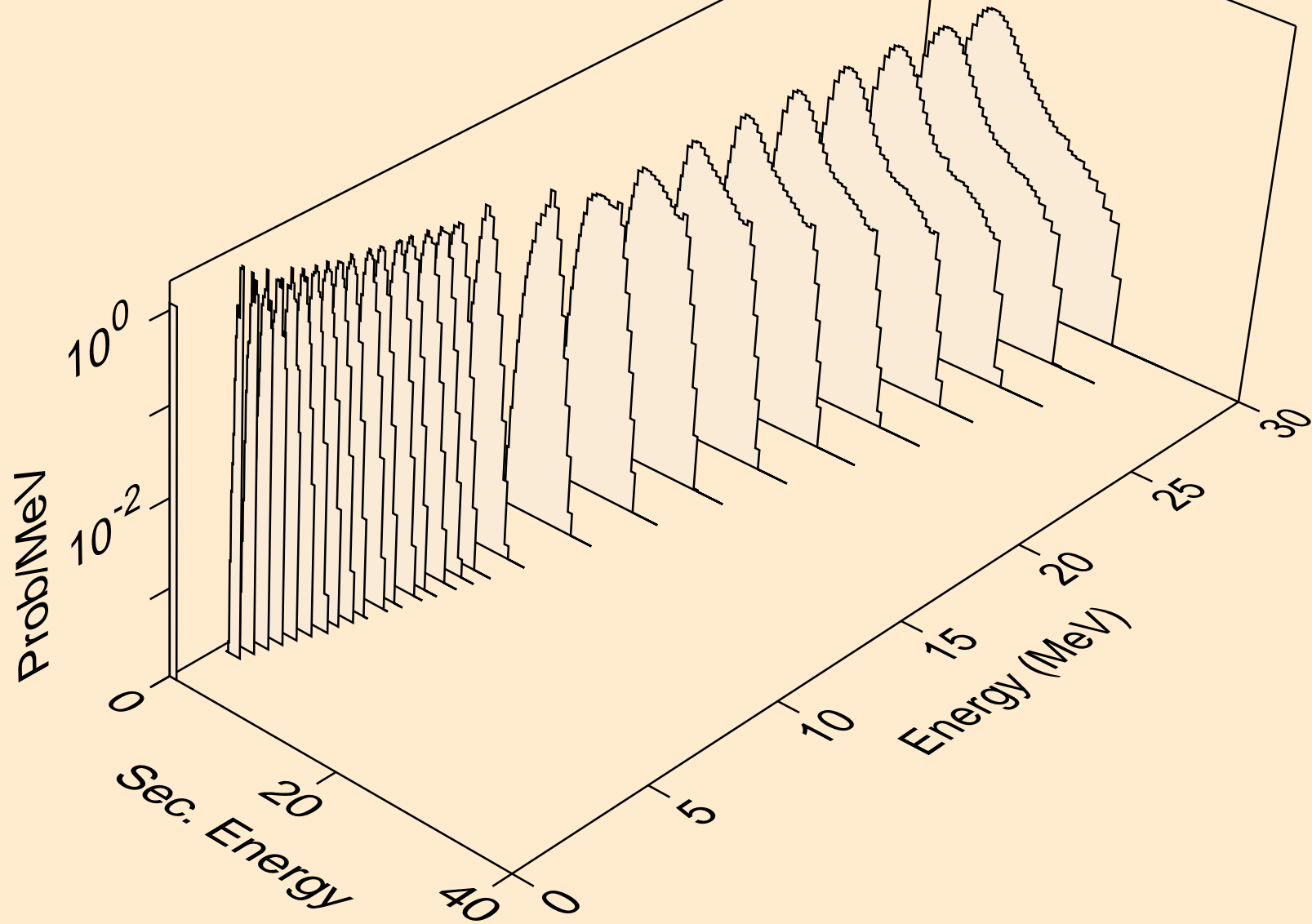
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protons from (n,p)



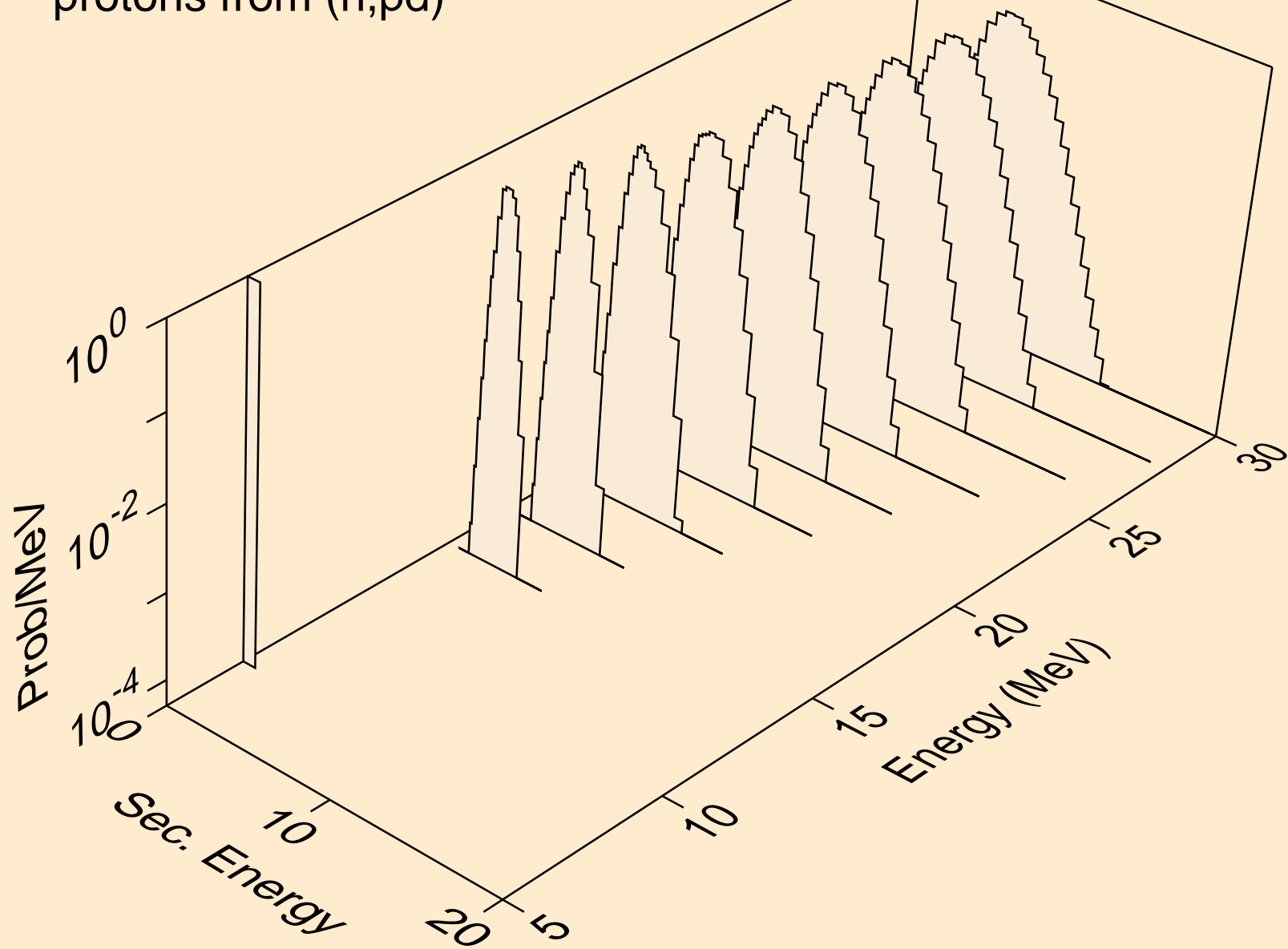
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protons from (n,2p)



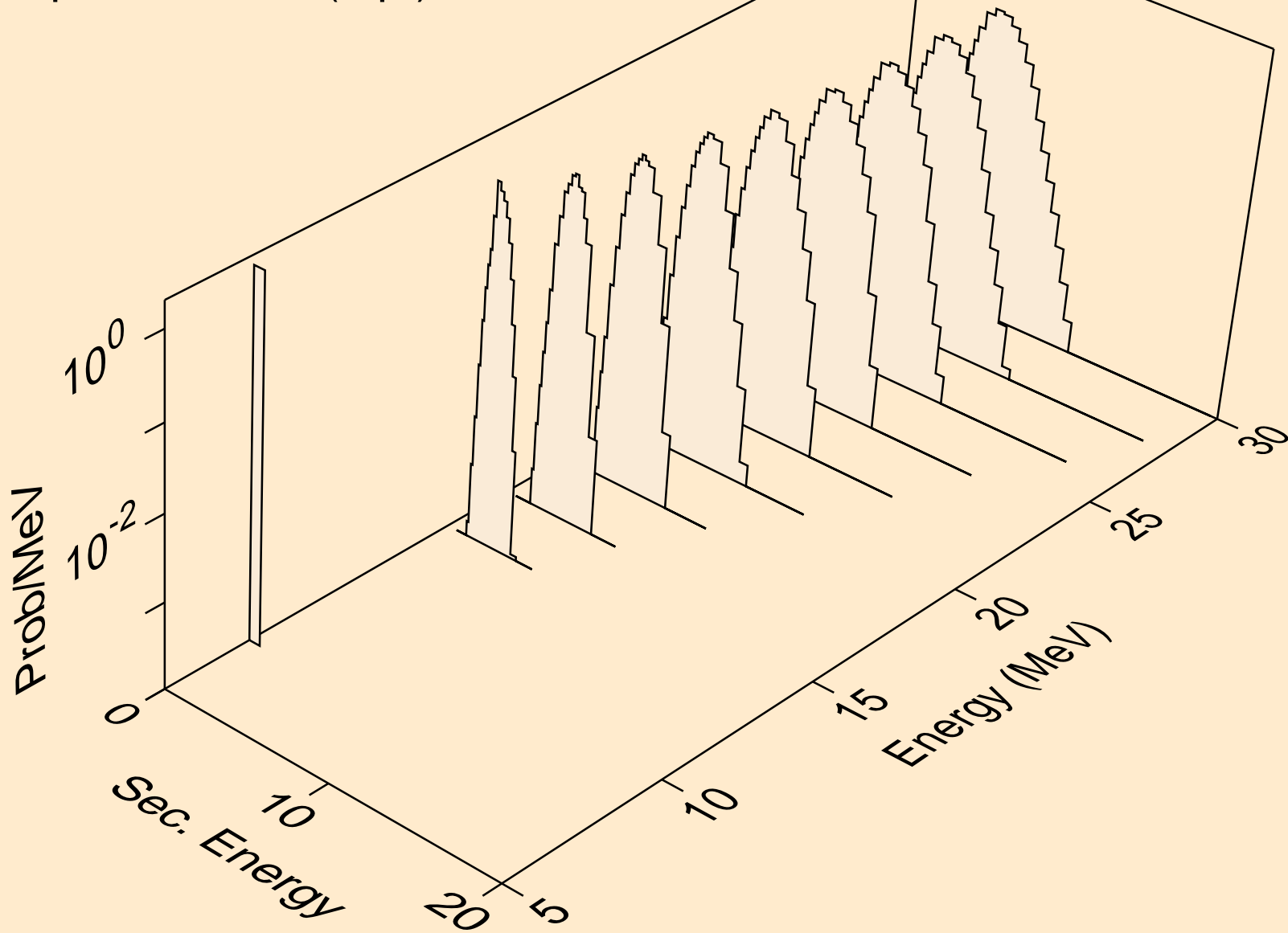
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protons from (n,p)



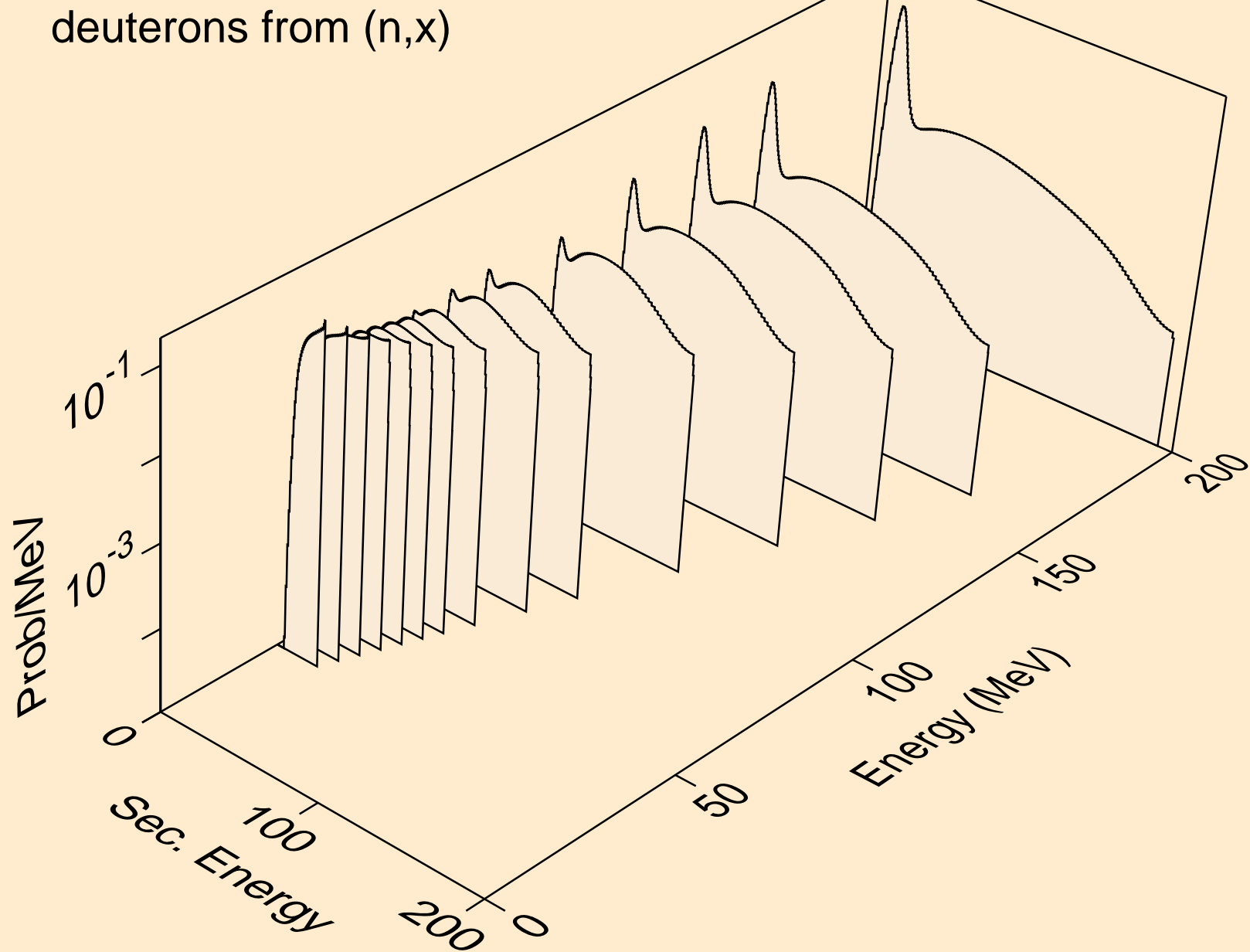
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protons from (n,pd)



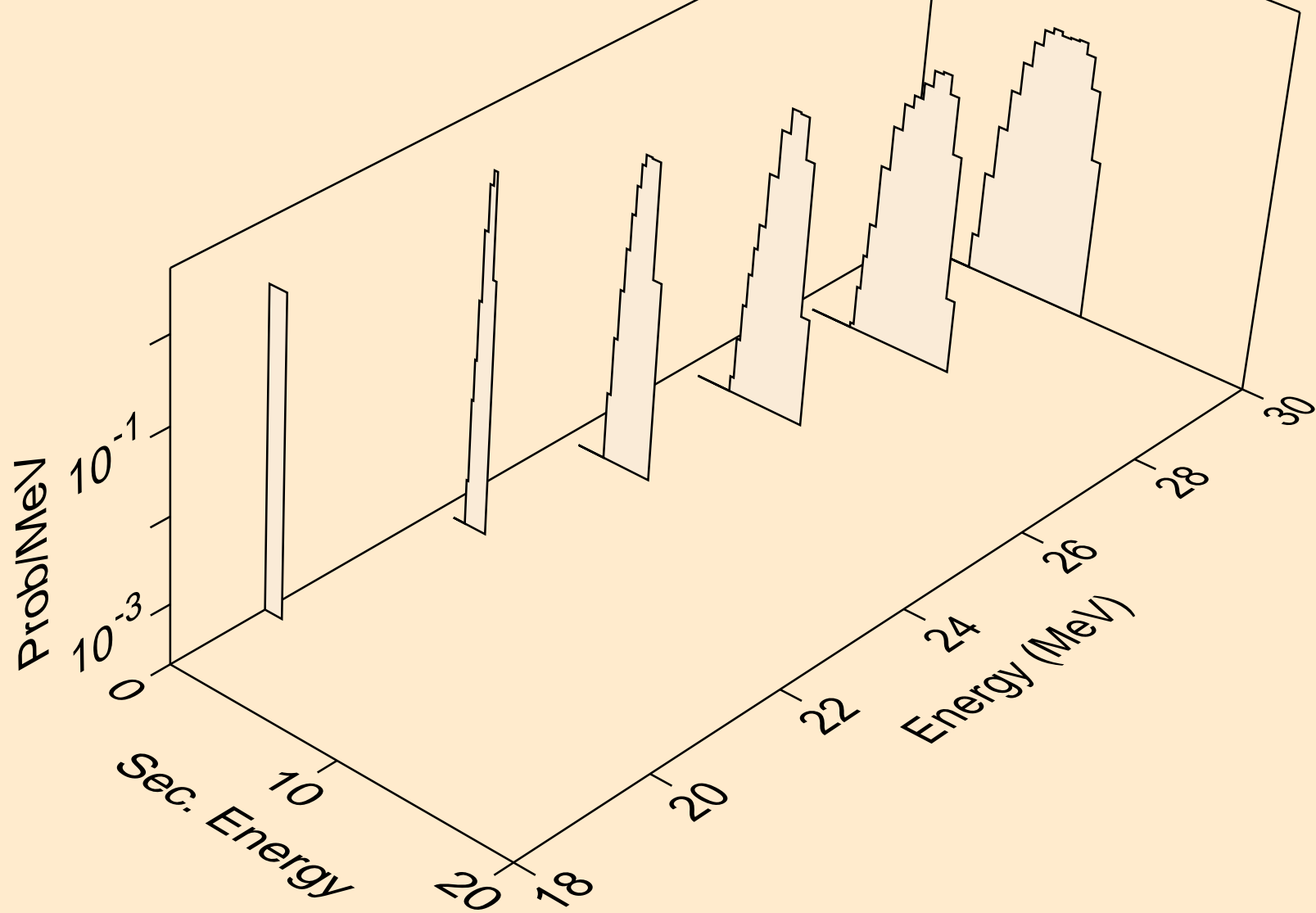
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

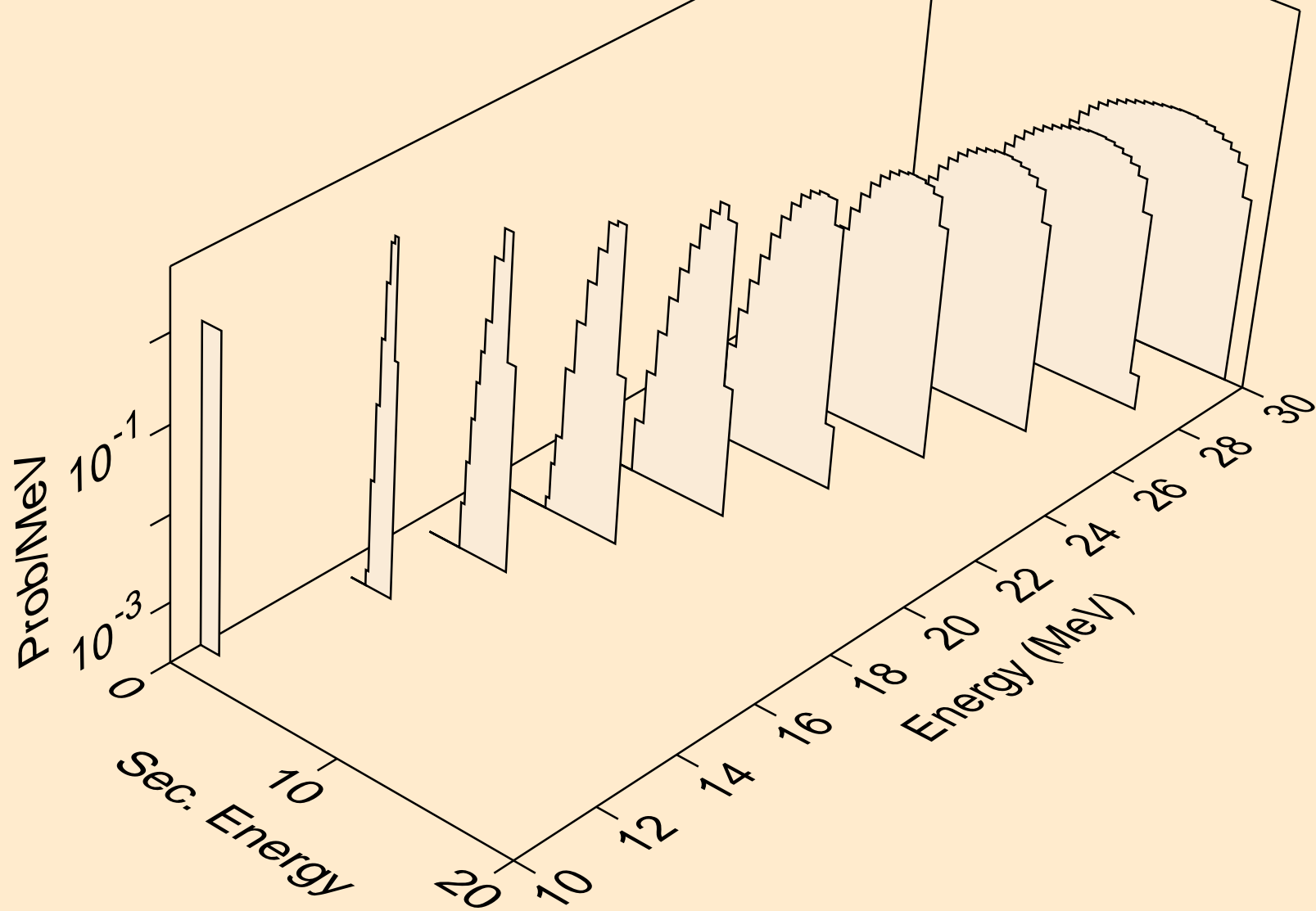


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

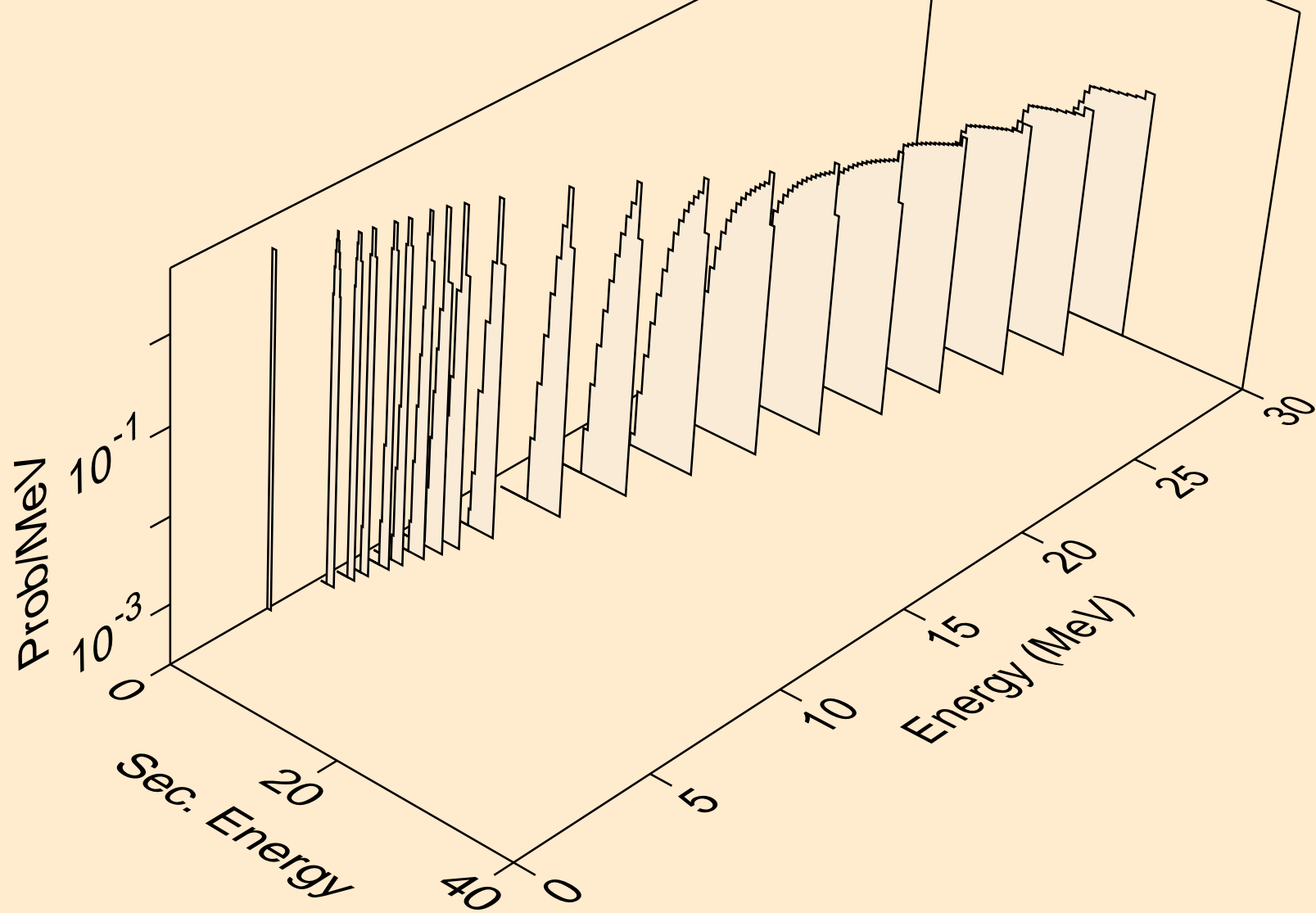




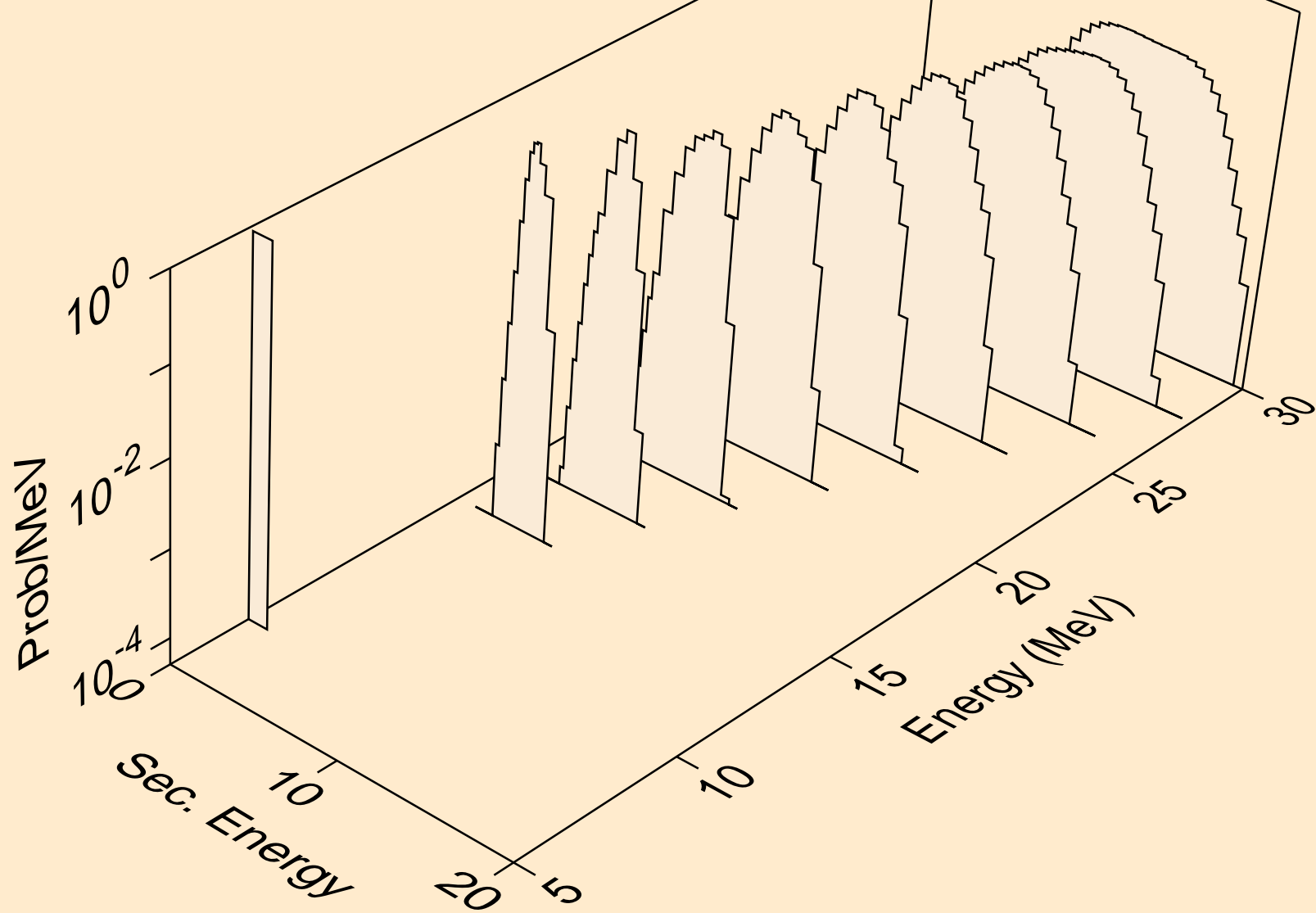
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



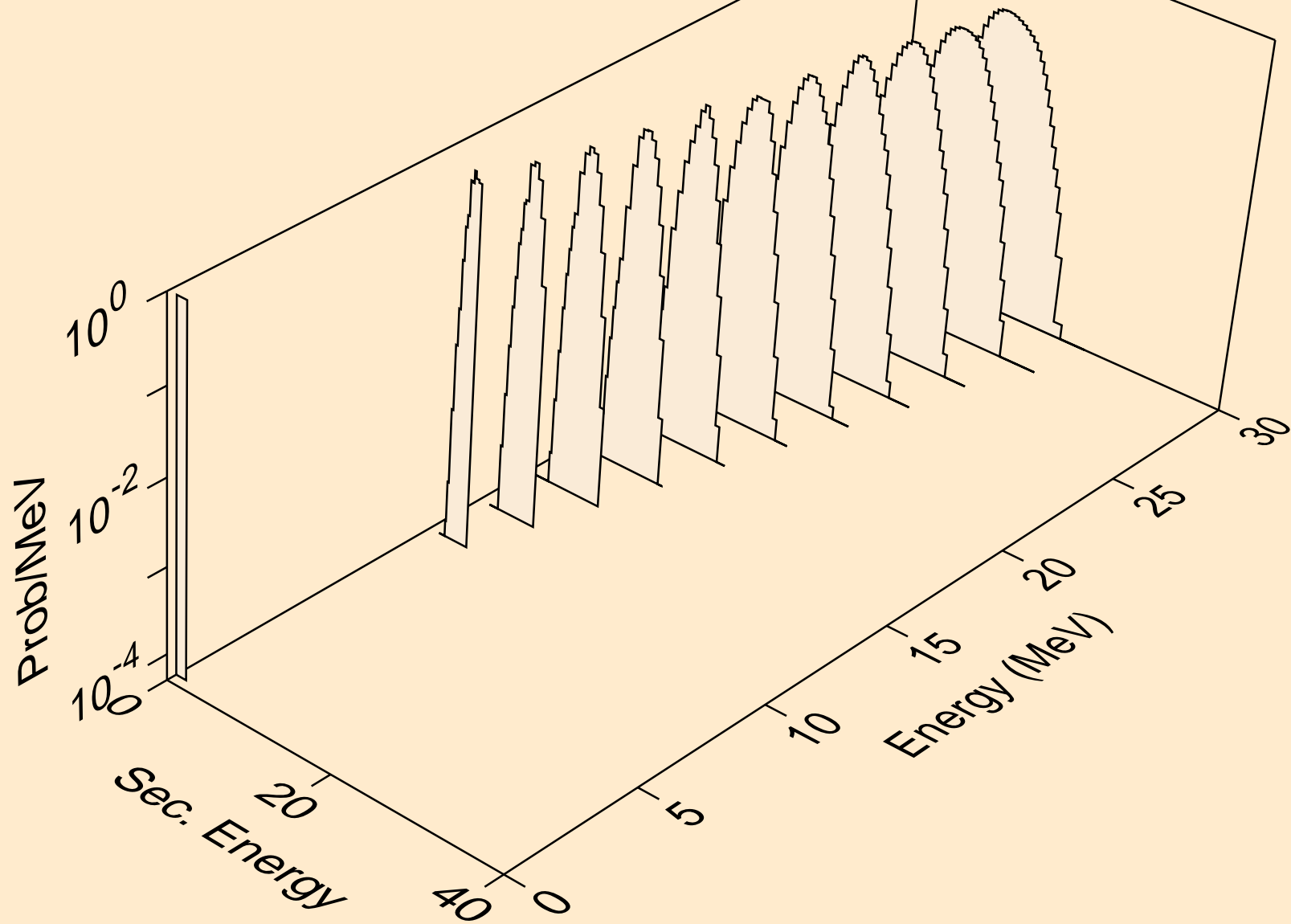
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deuterons from (n,d)



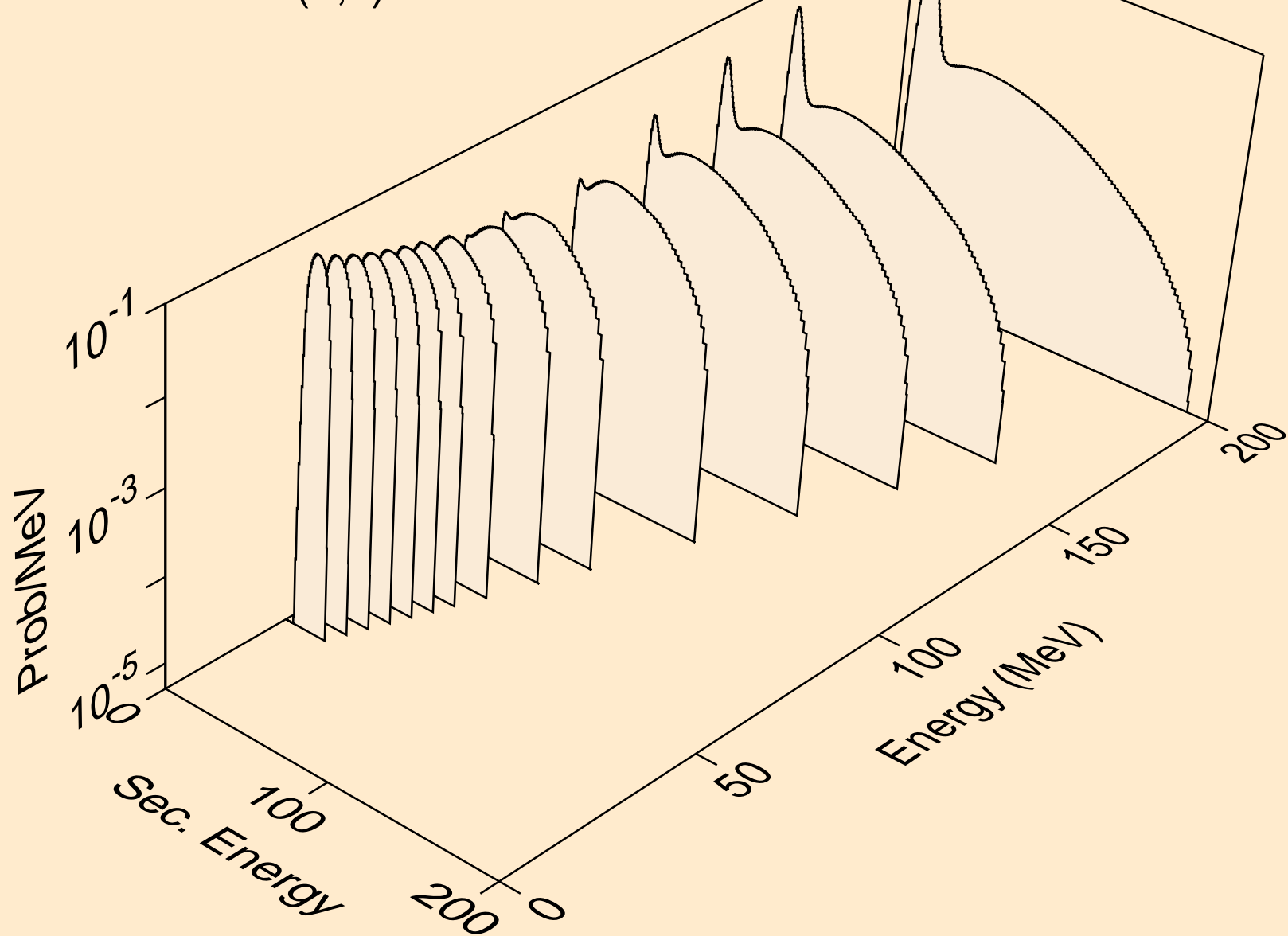
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deuterons from (n,pd)



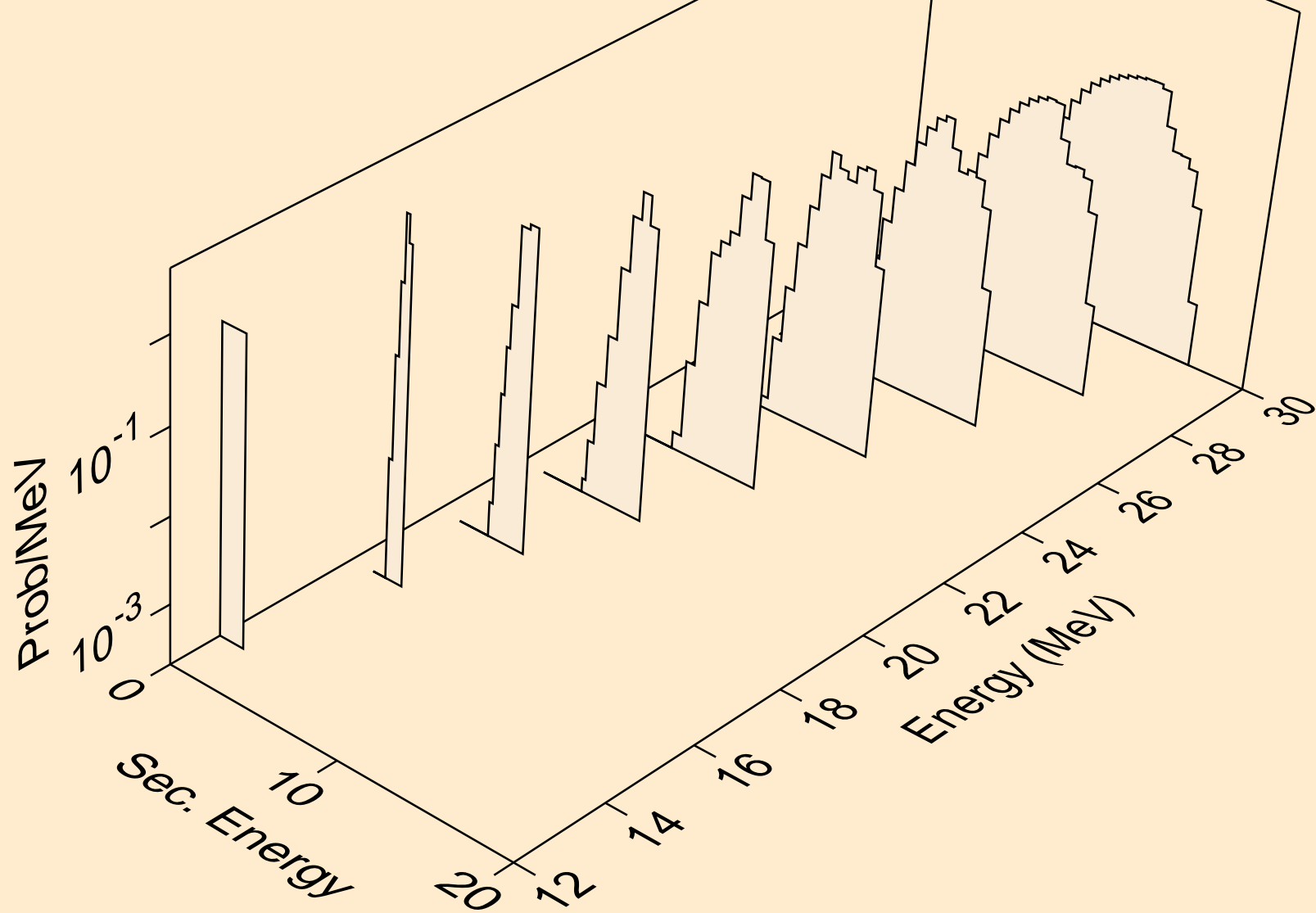
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deuterons from (n,da)



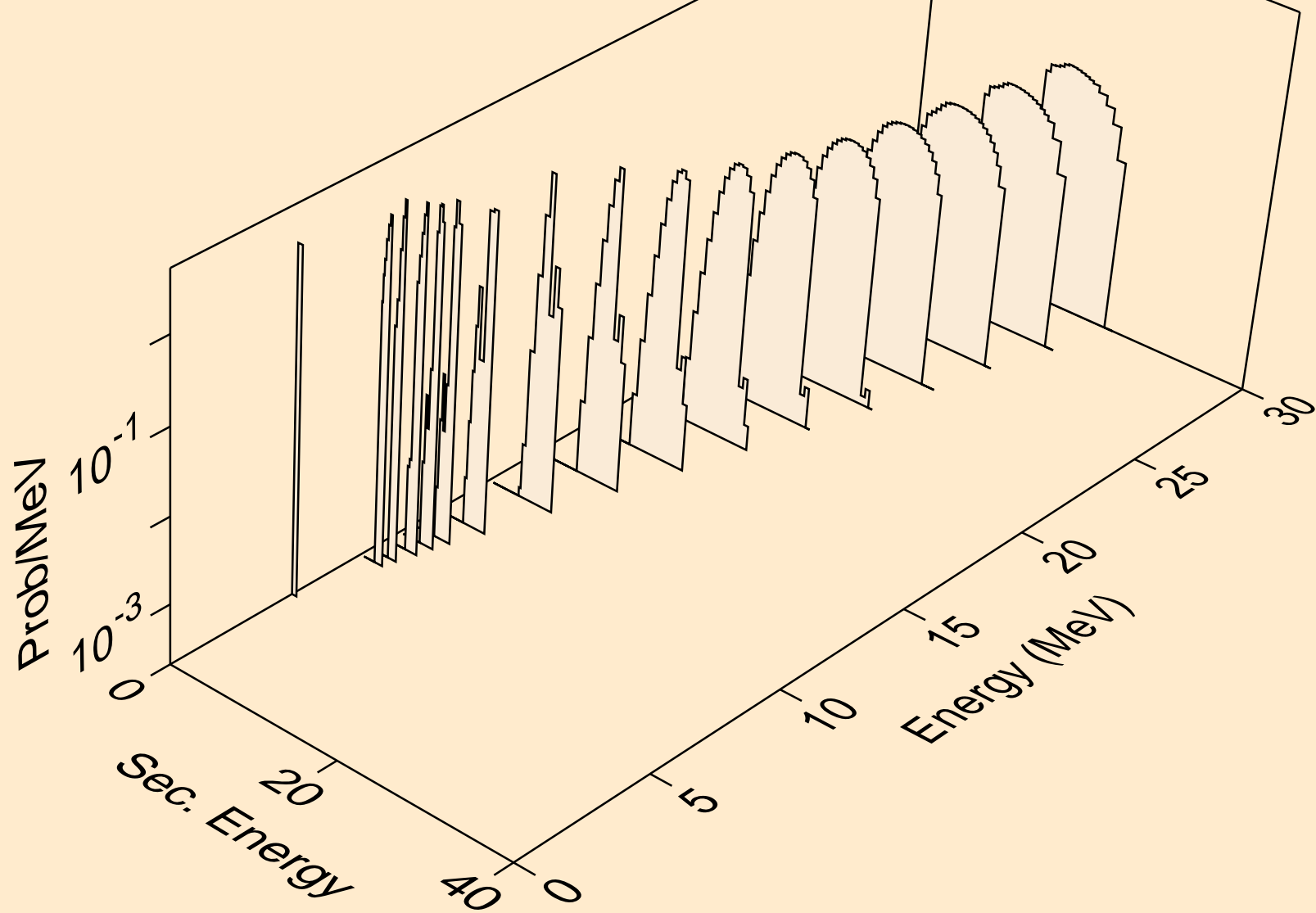
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tritons from (n,x)



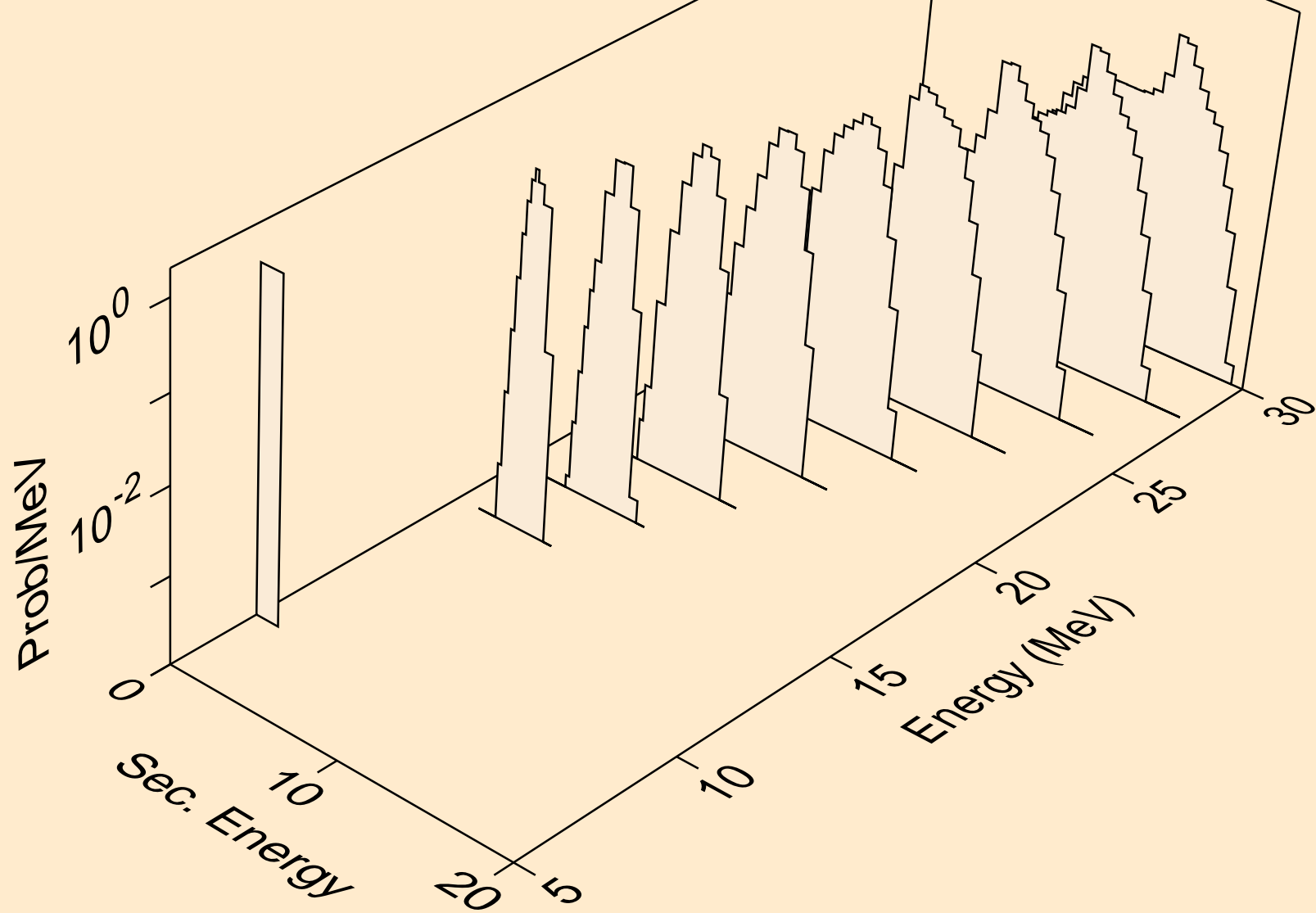
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

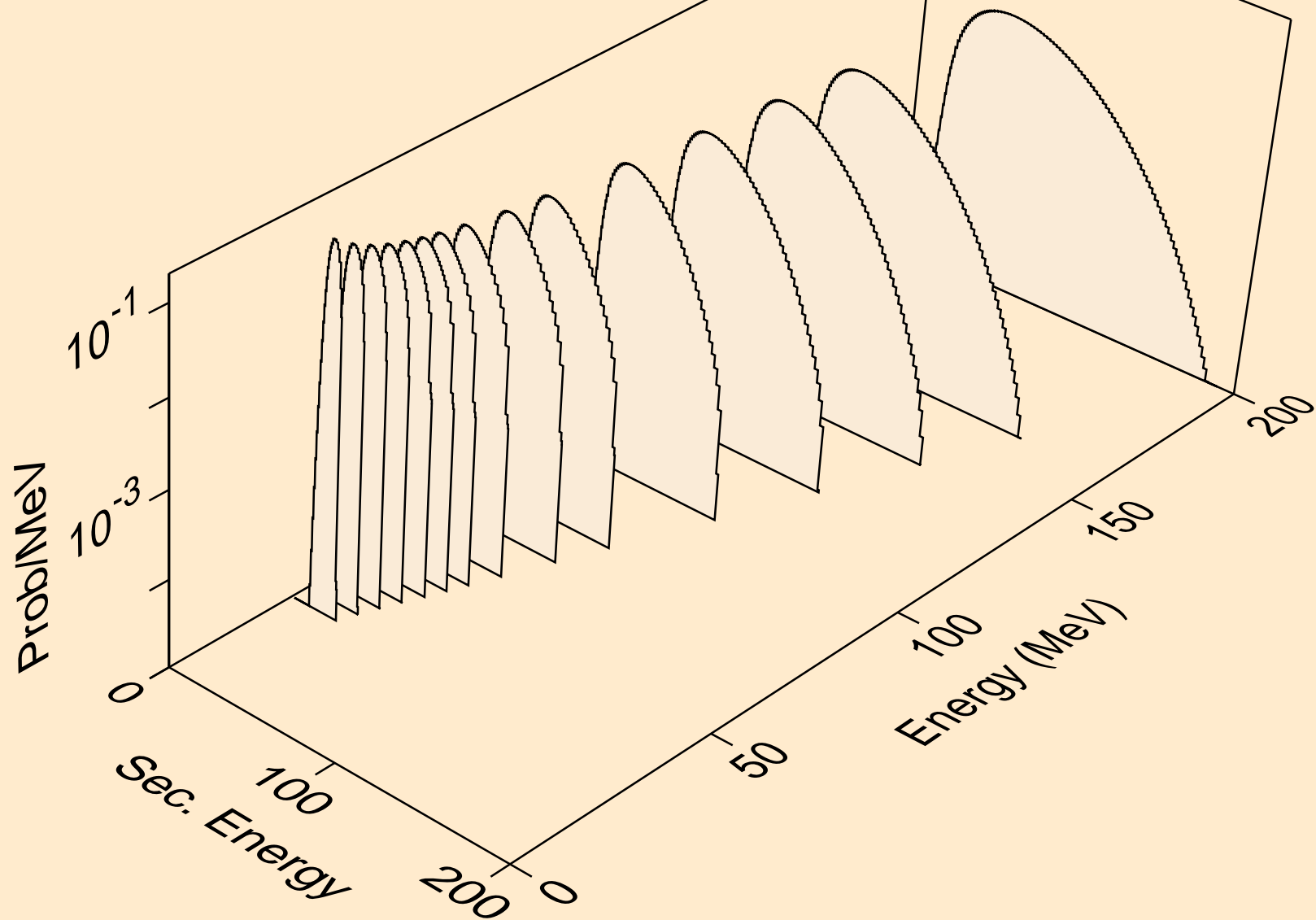


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

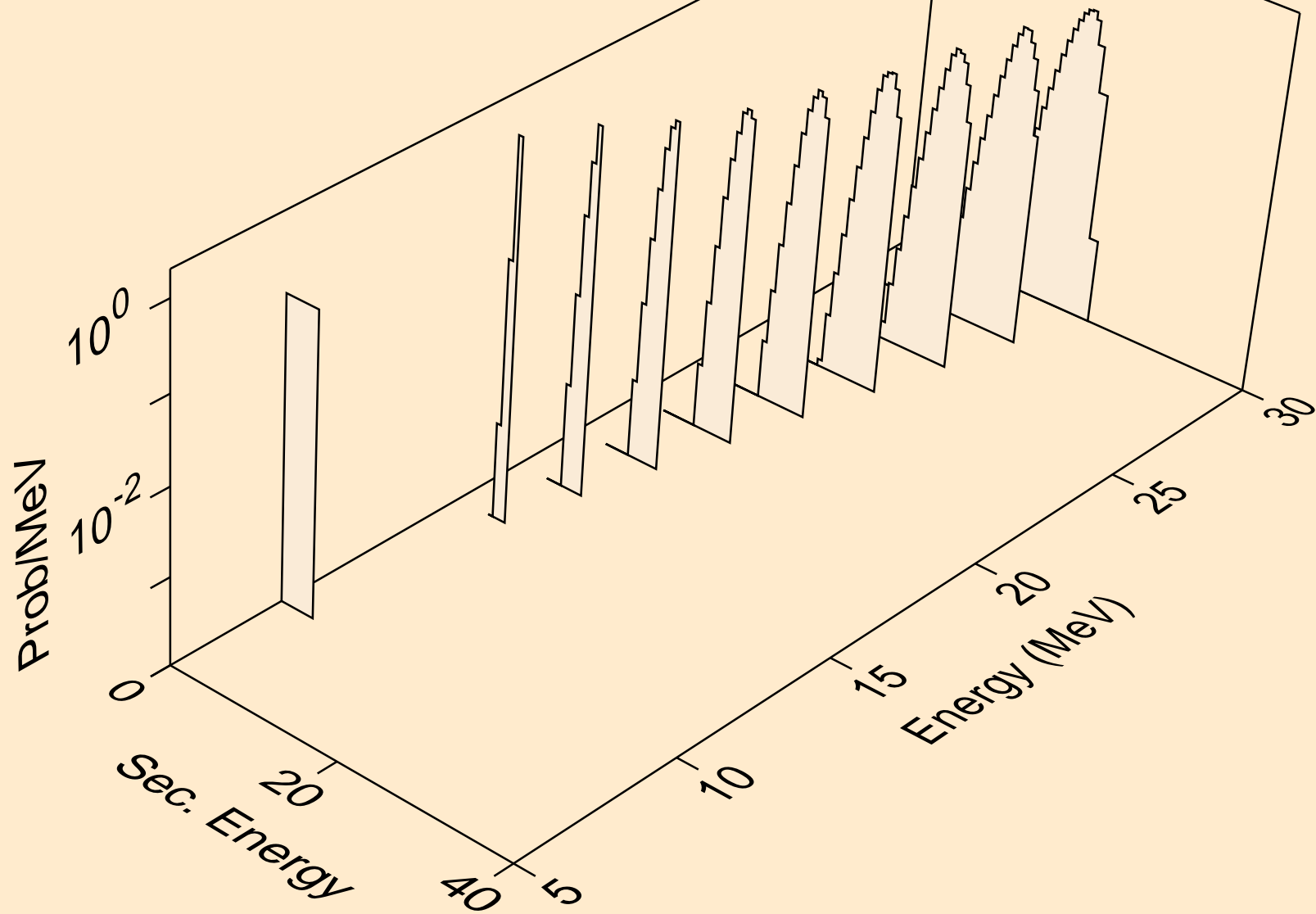




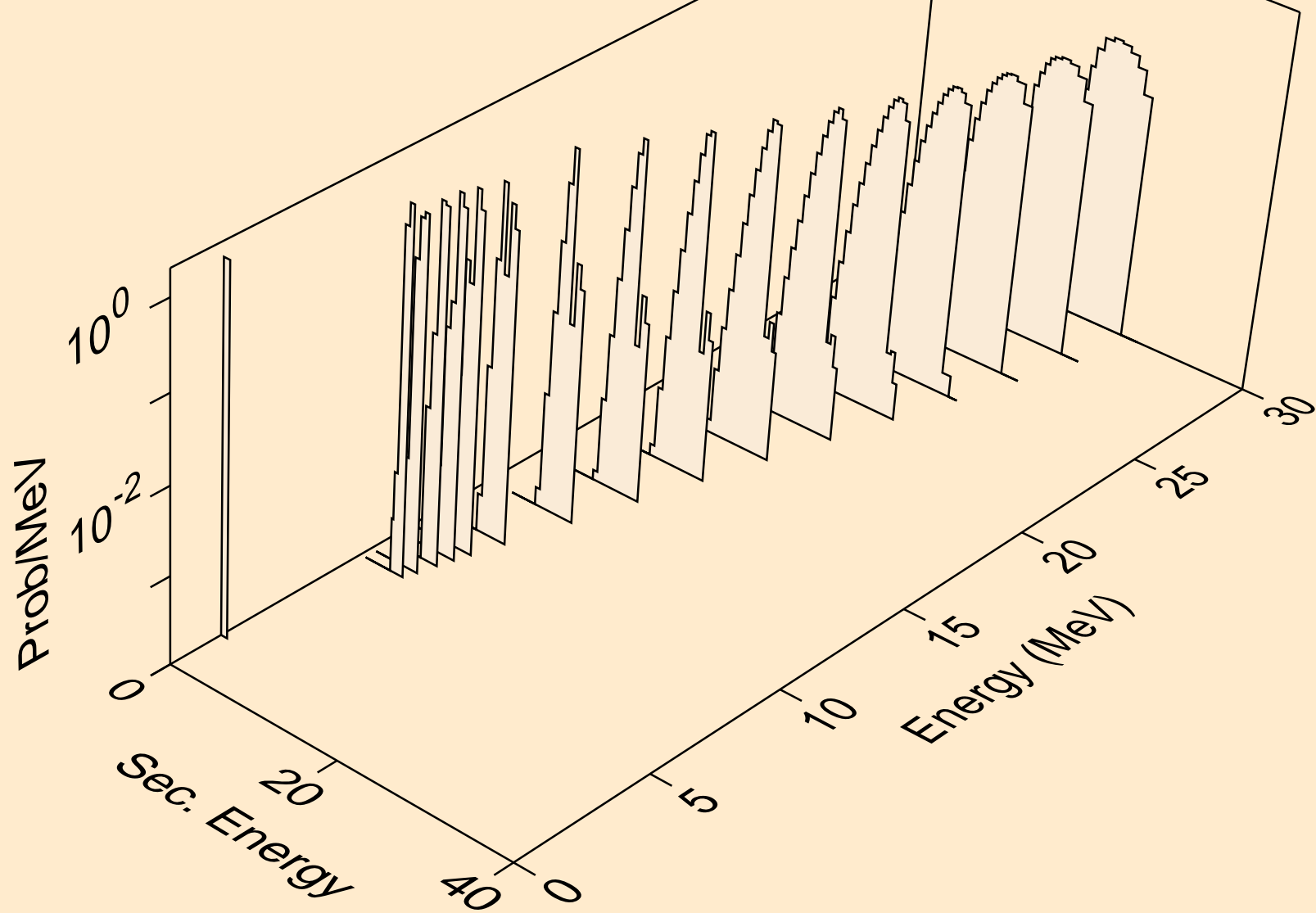
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



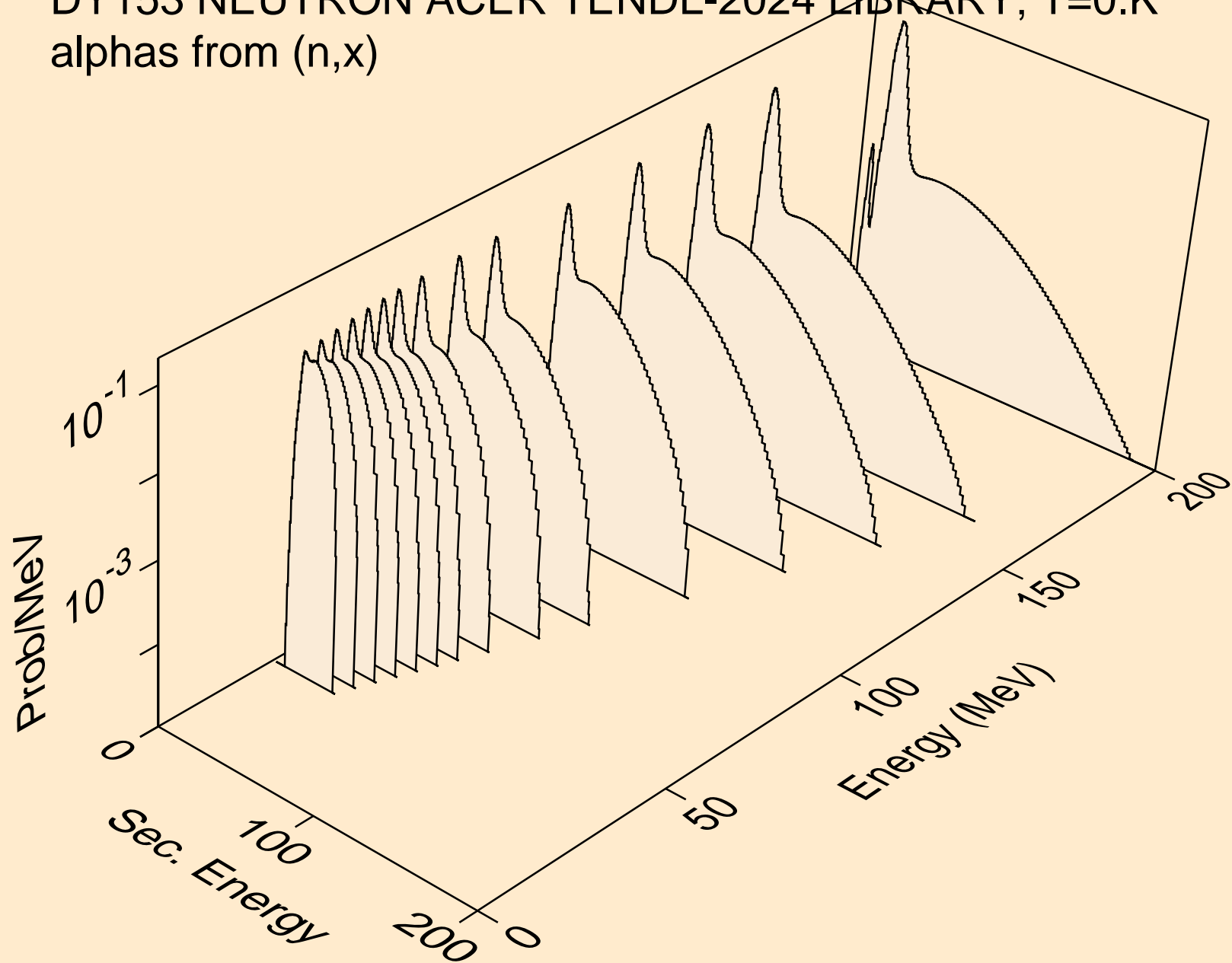
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



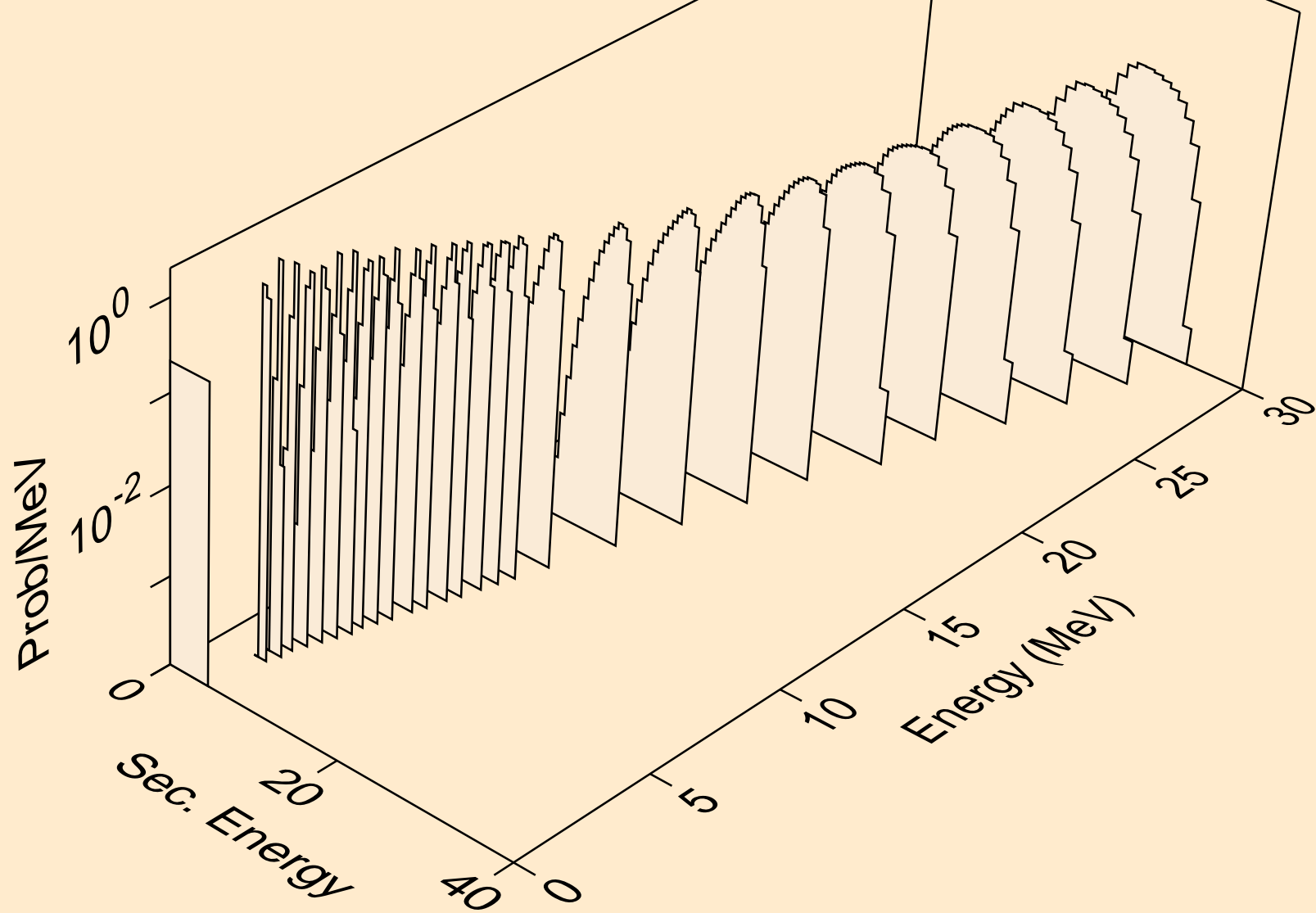
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



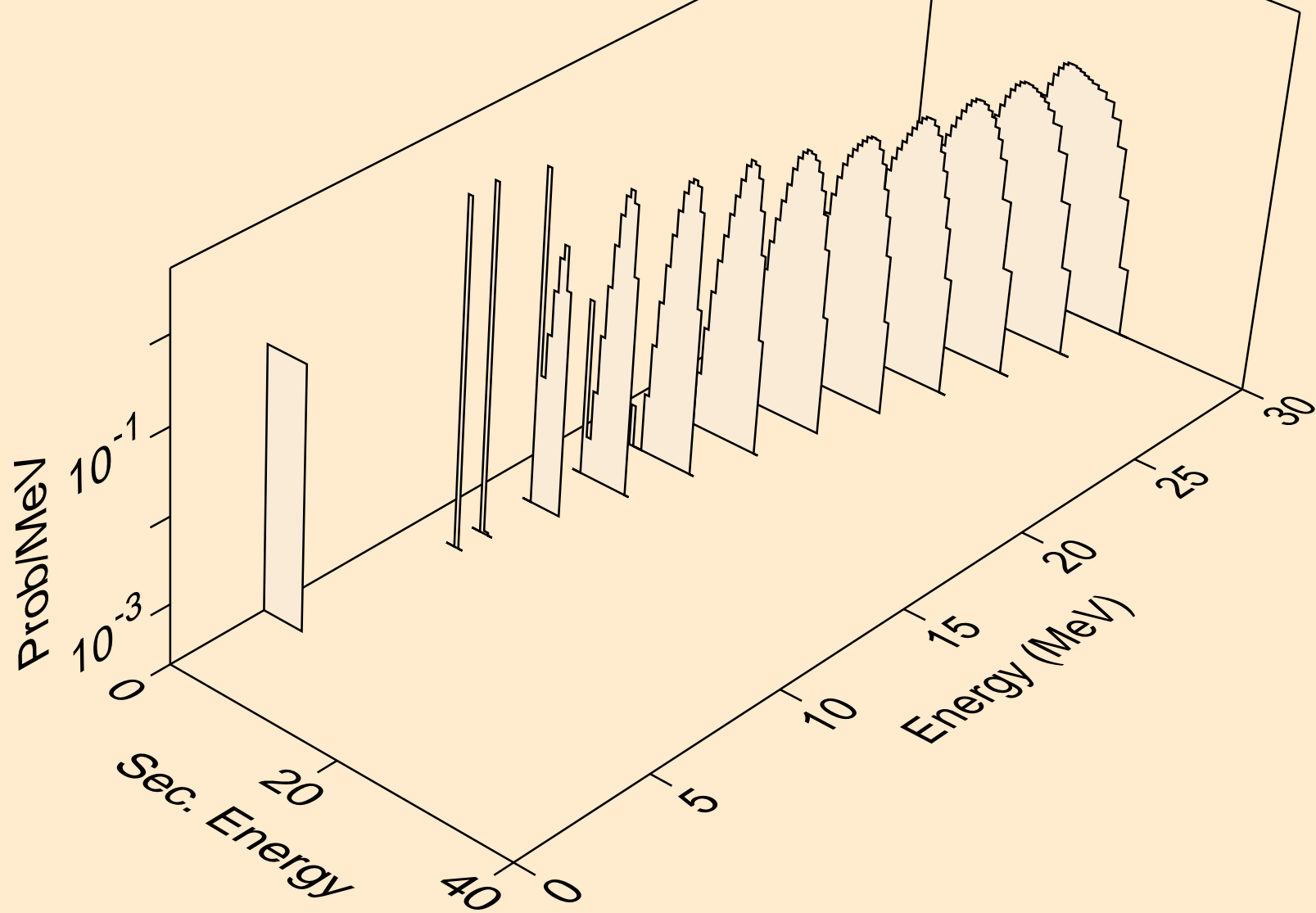
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



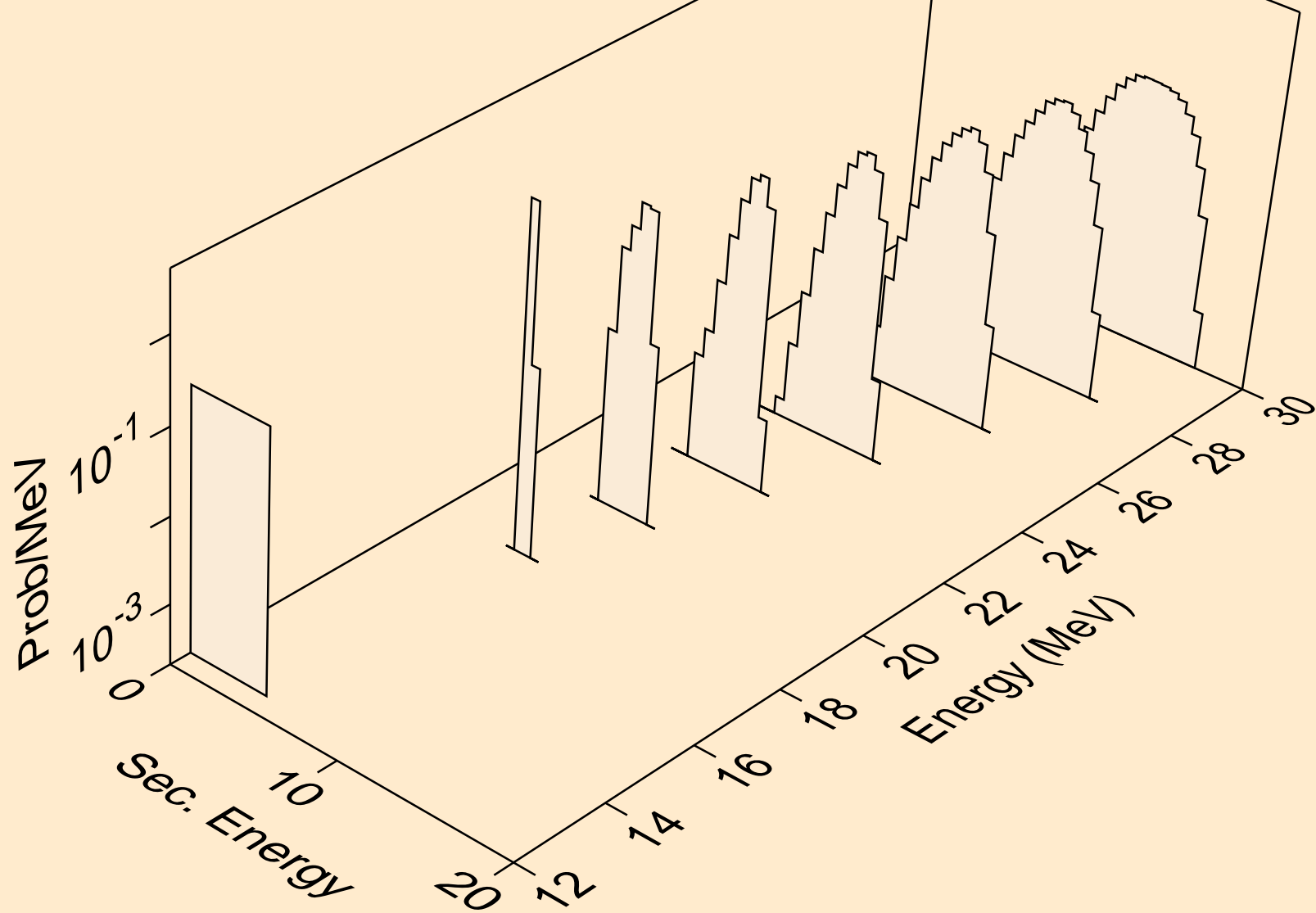
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



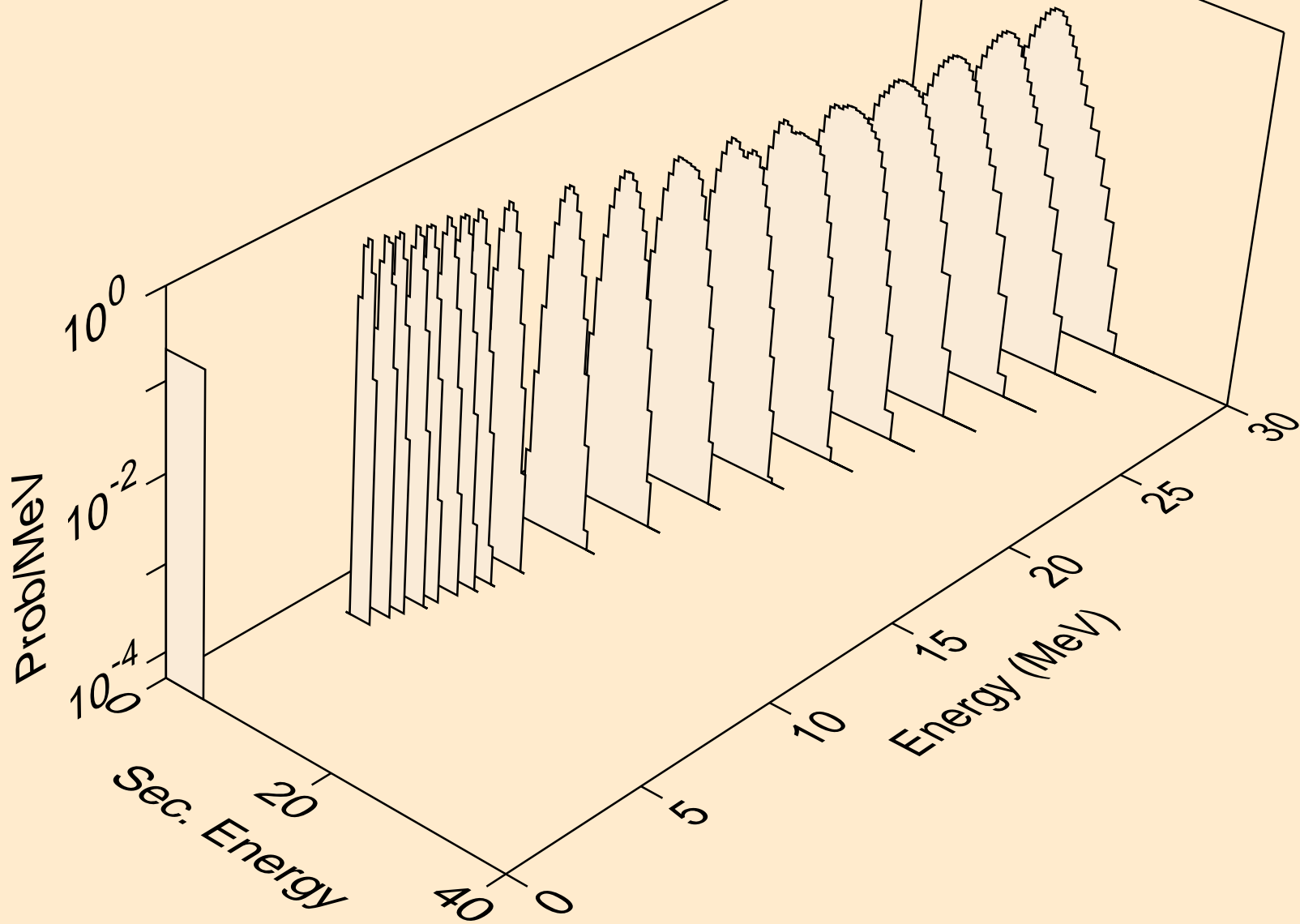
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

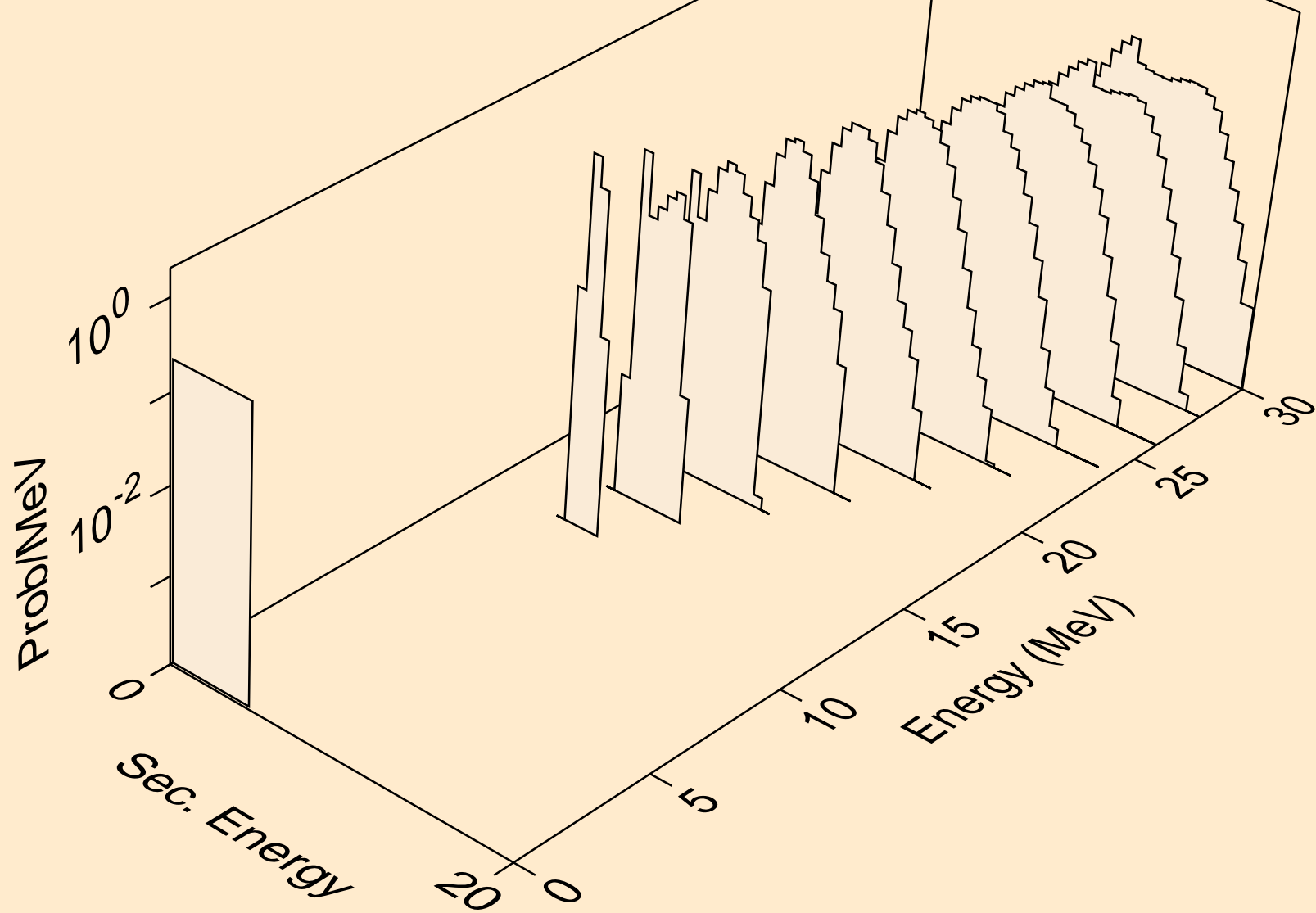


DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

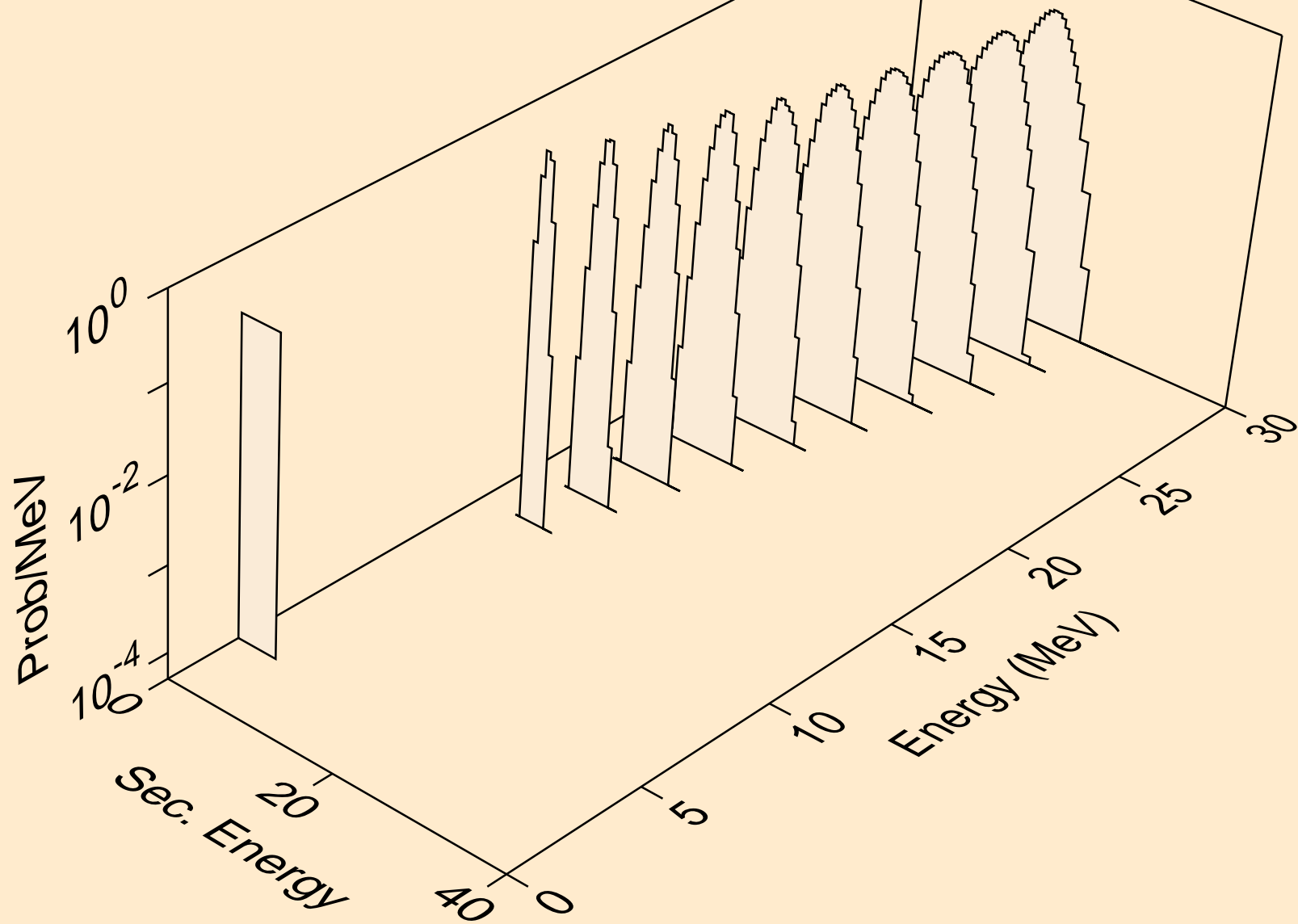




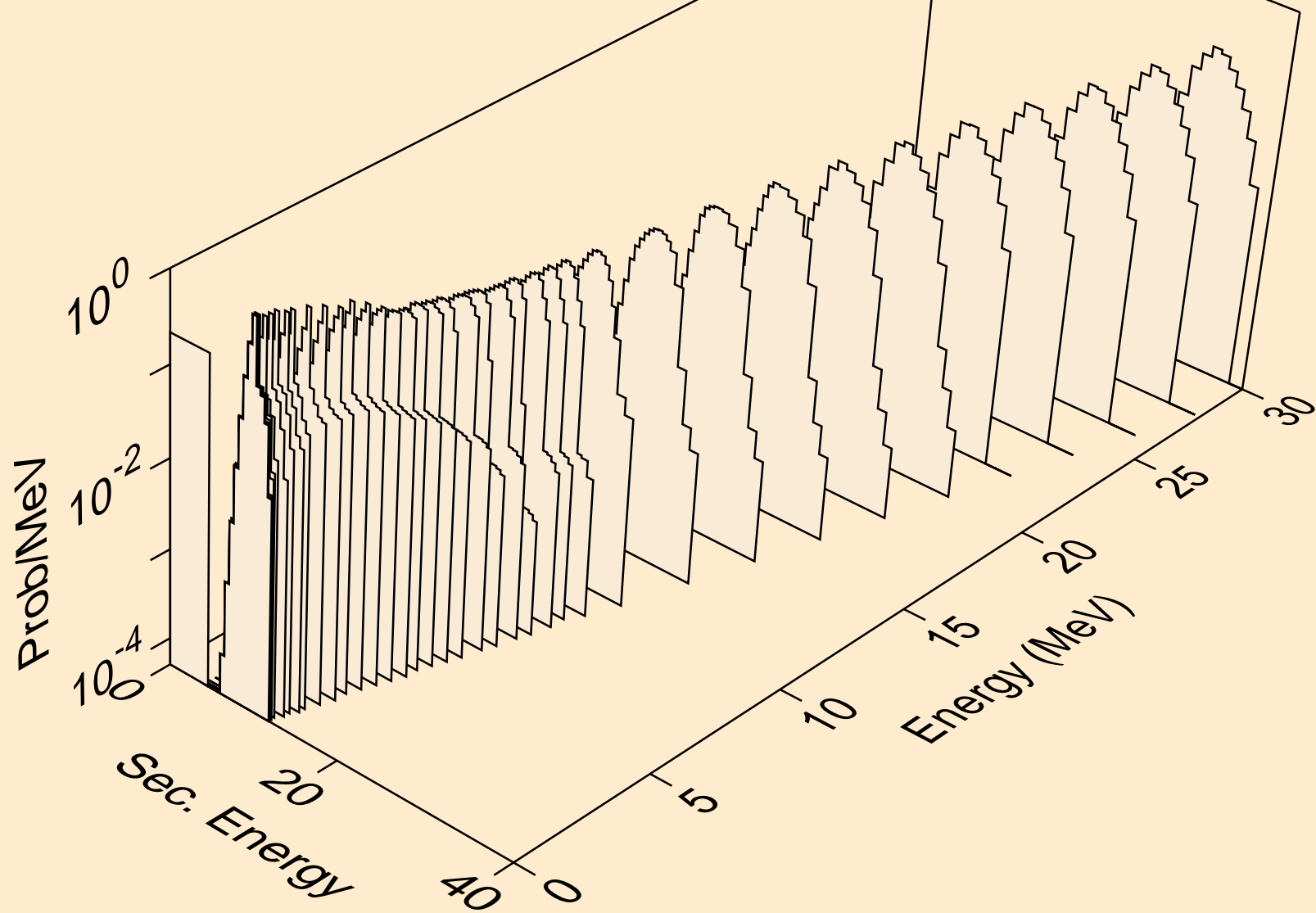
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



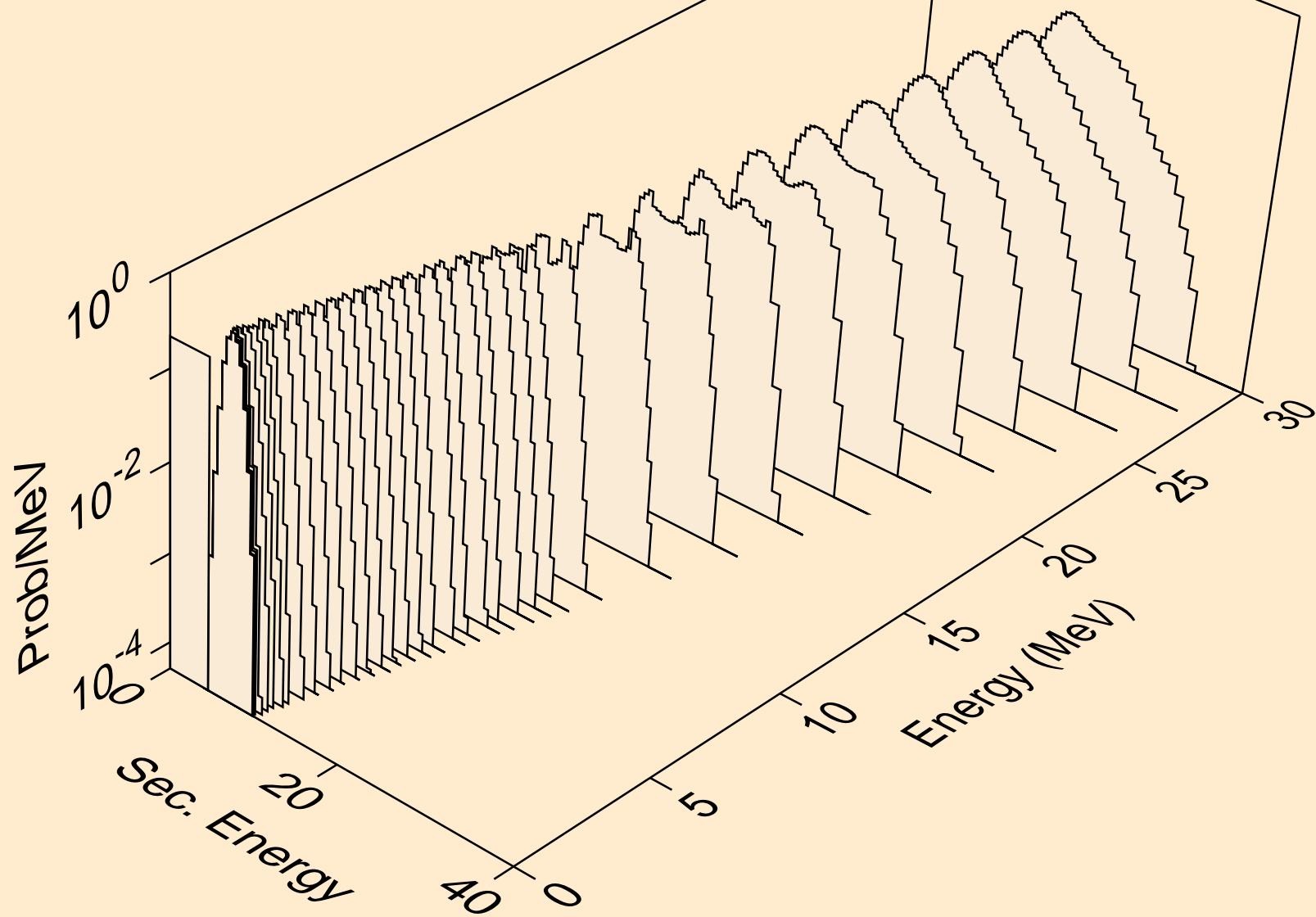
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



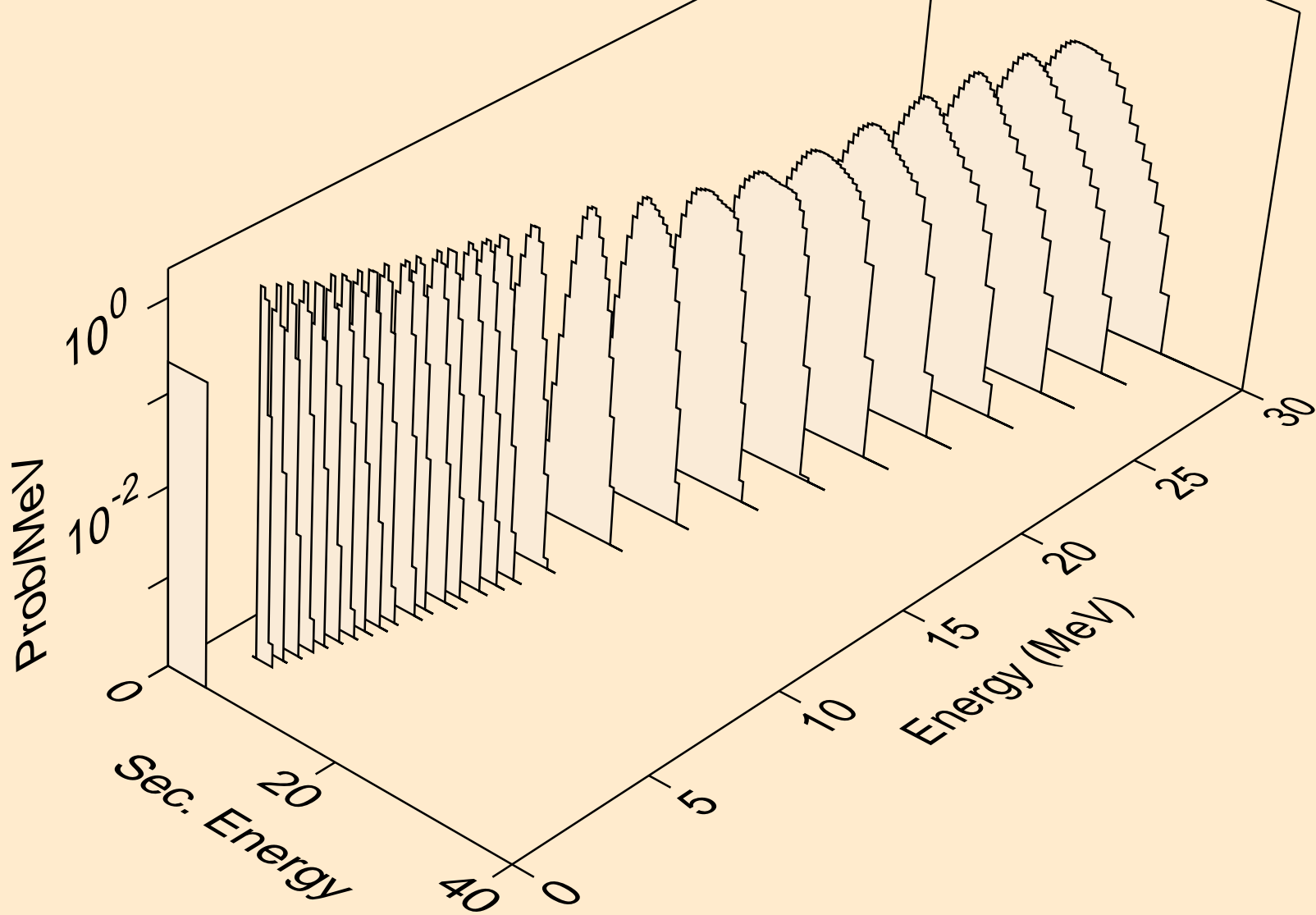
DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



DY153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

