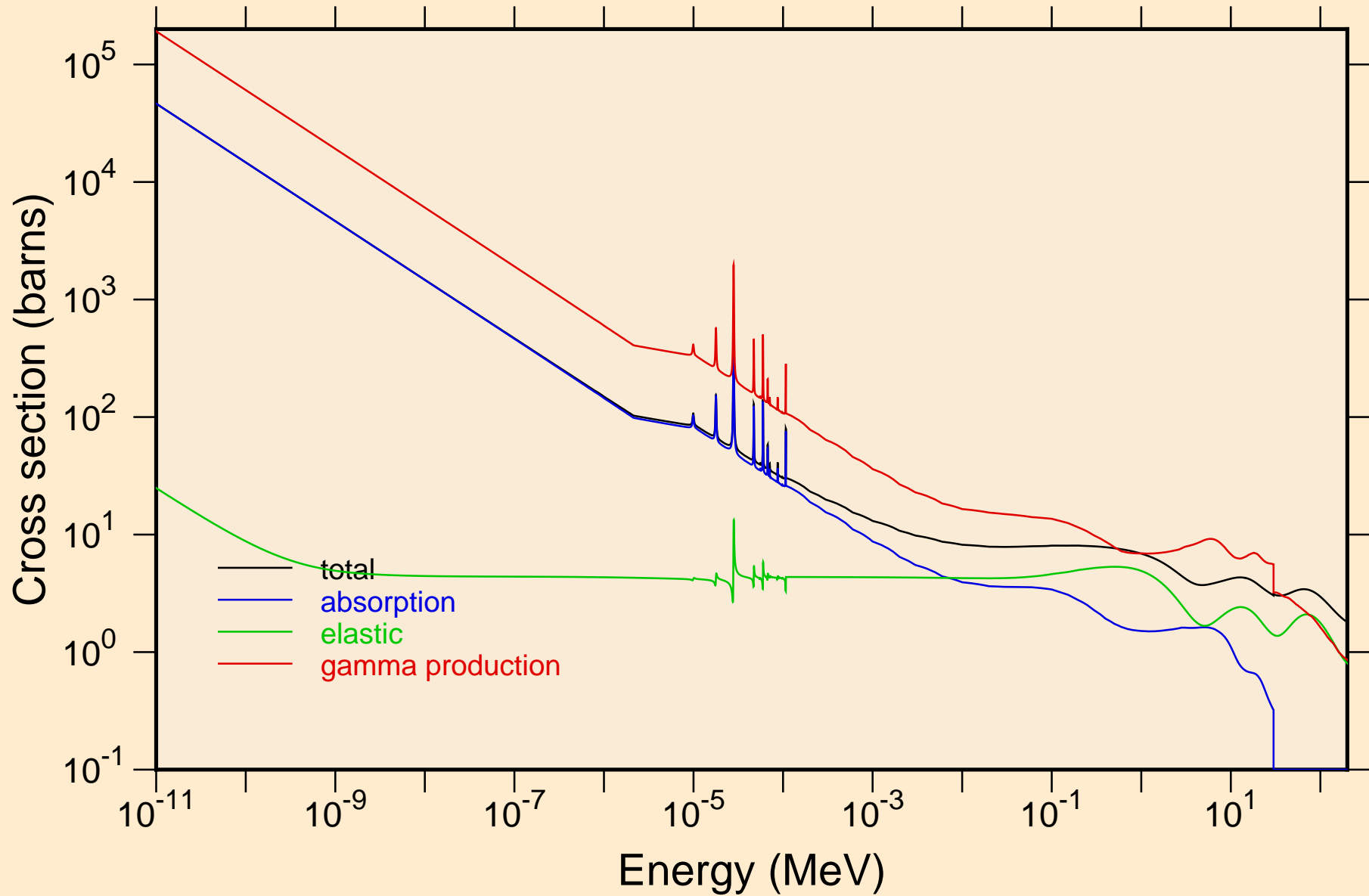
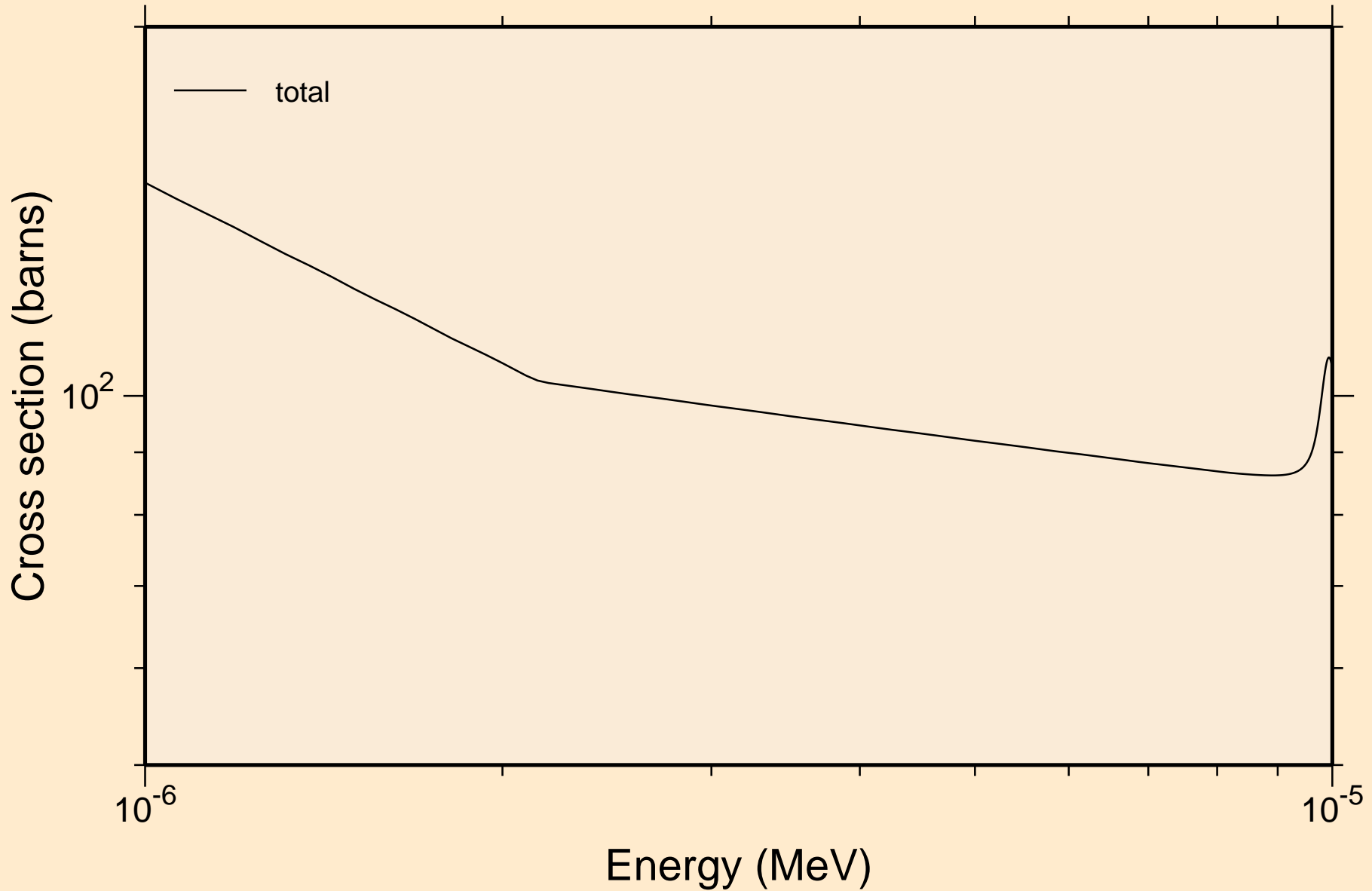


# IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

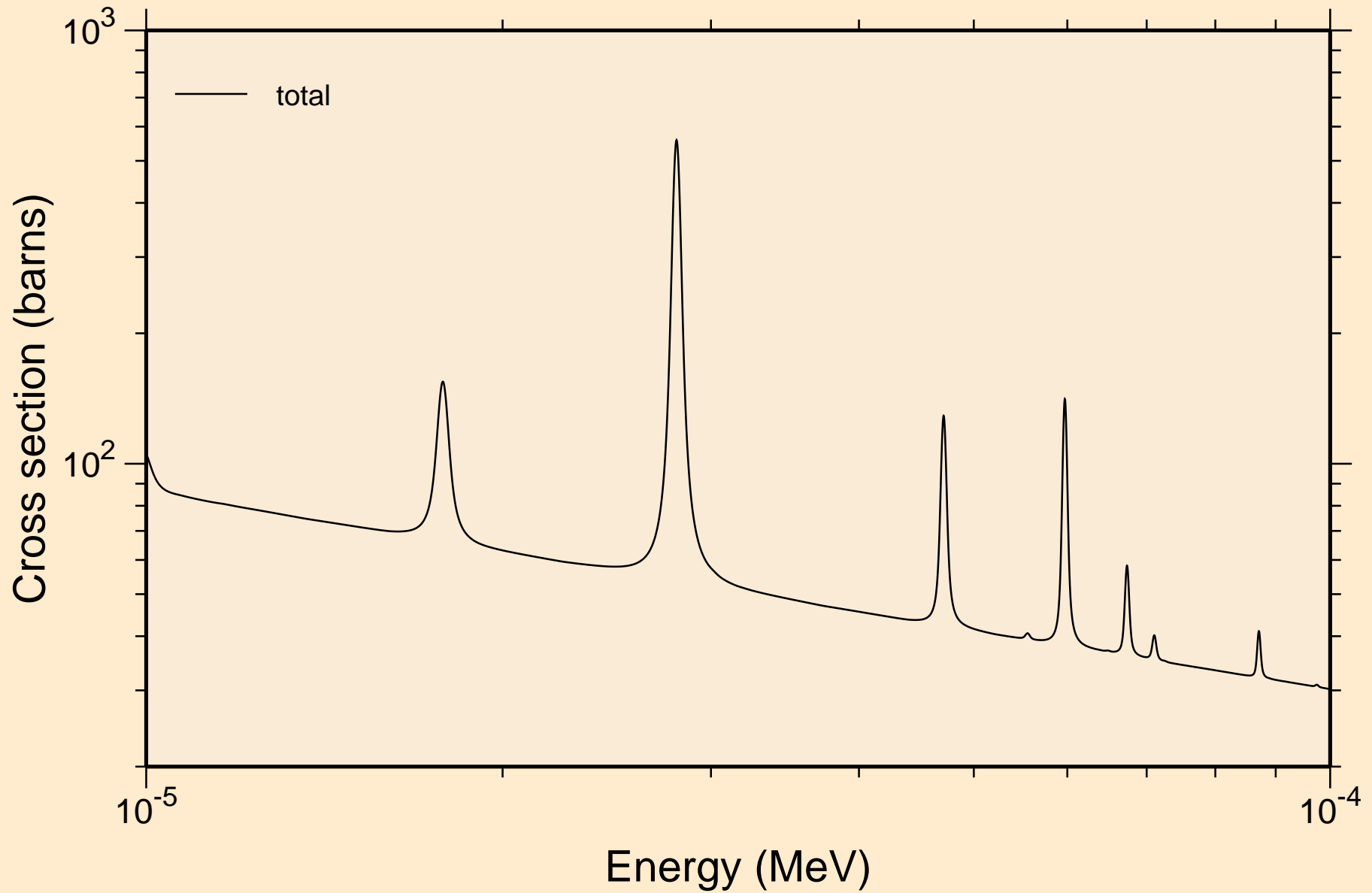
## Principal cross sections



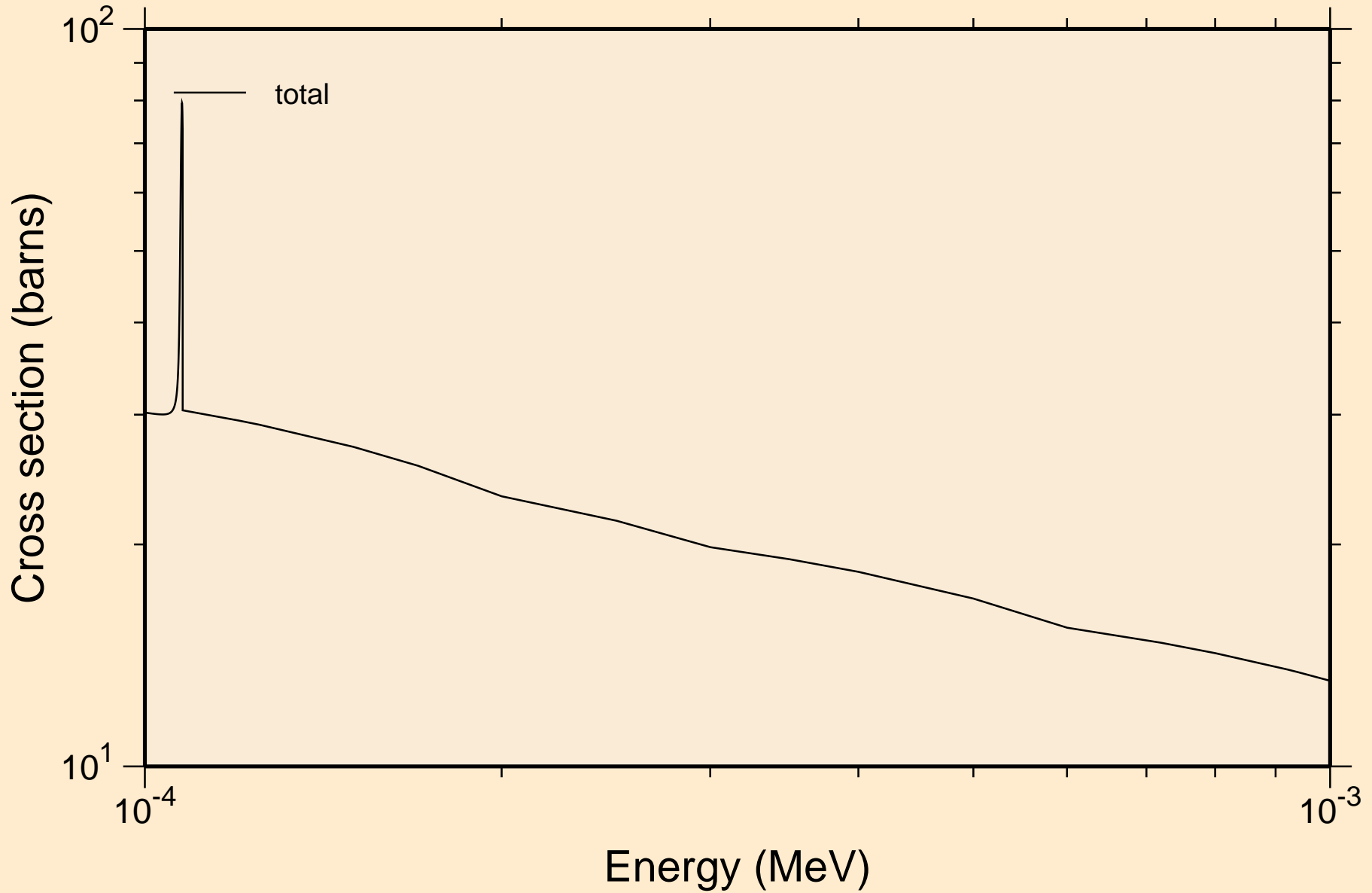
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



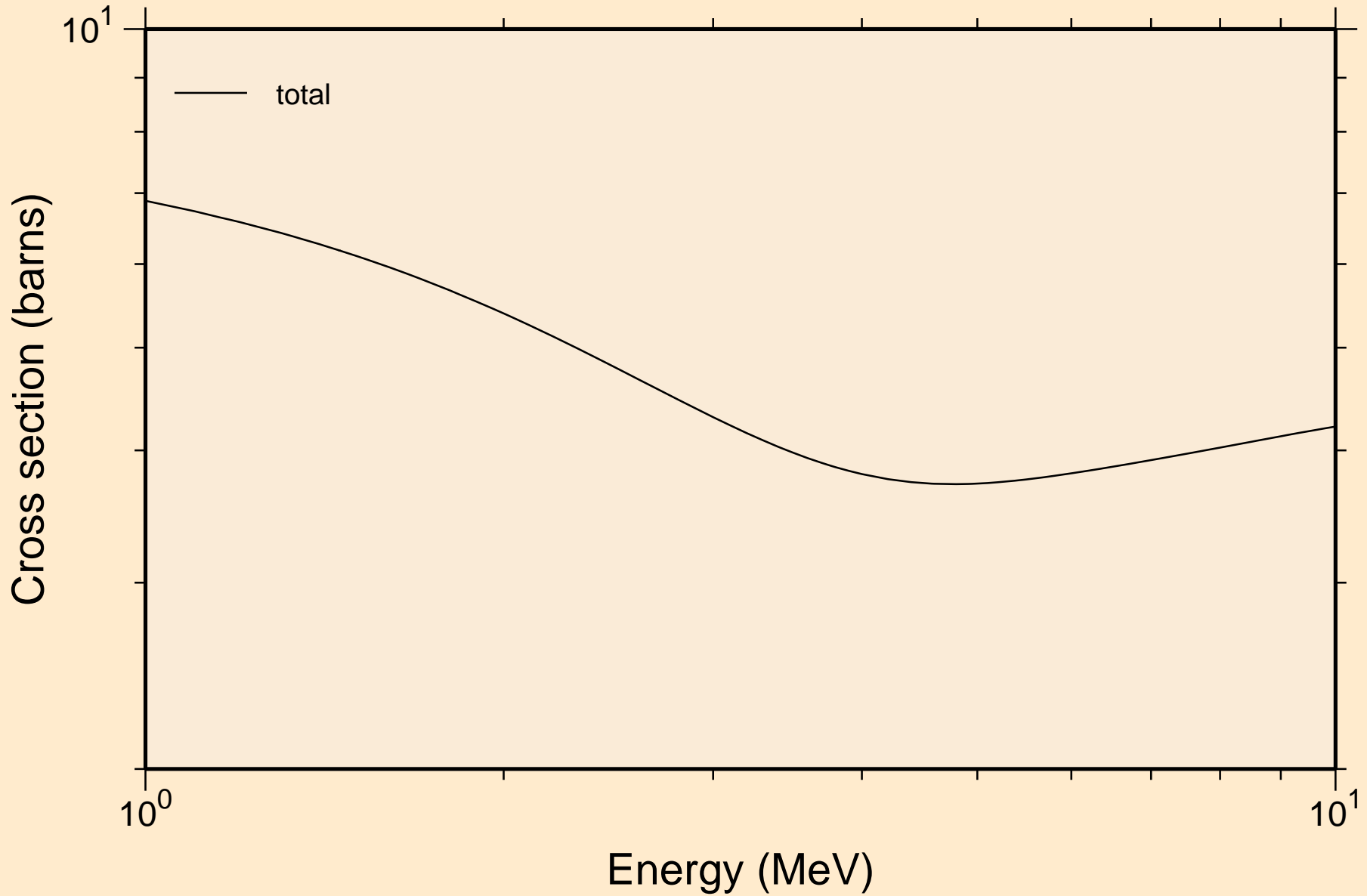
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



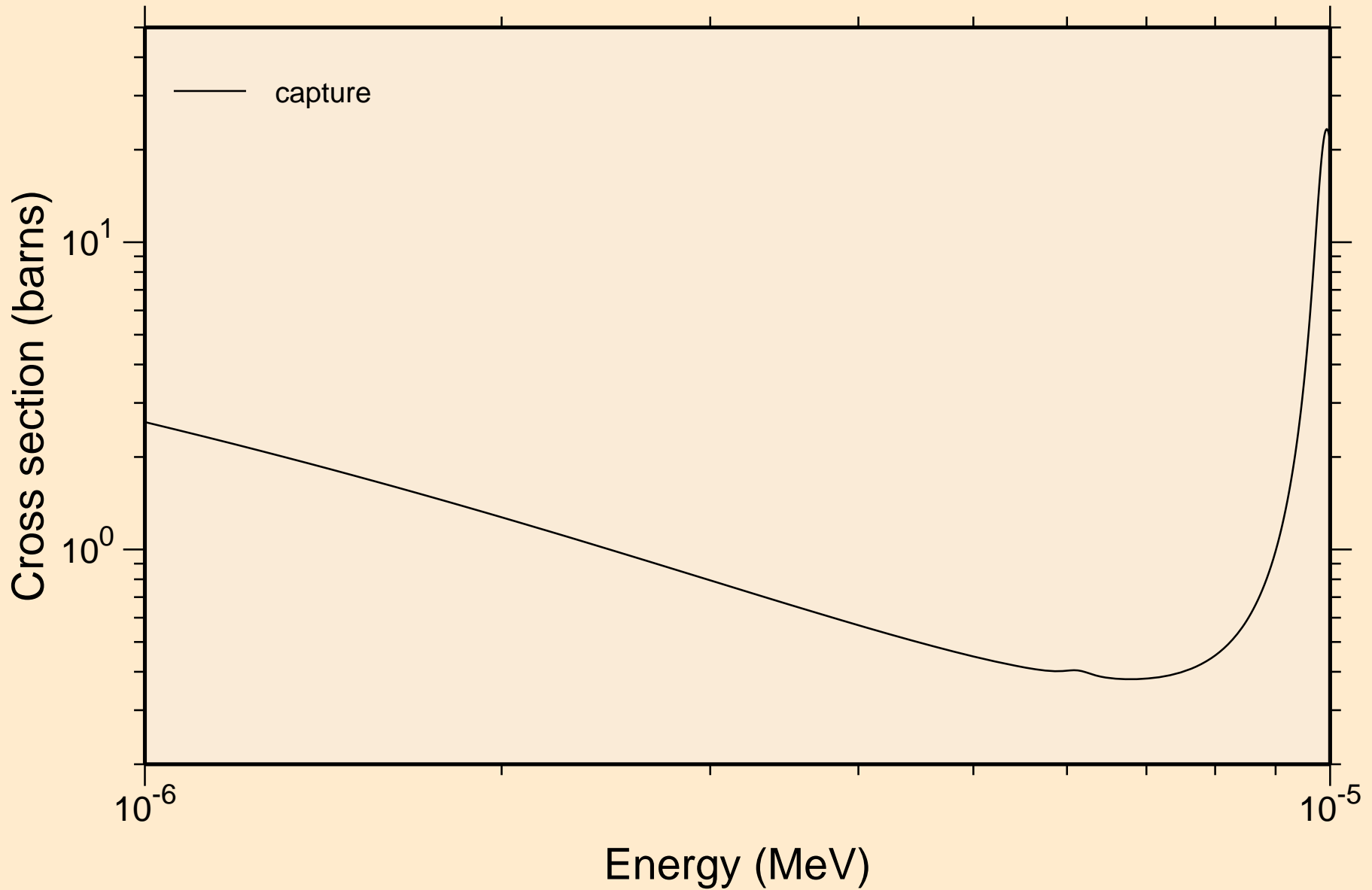
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



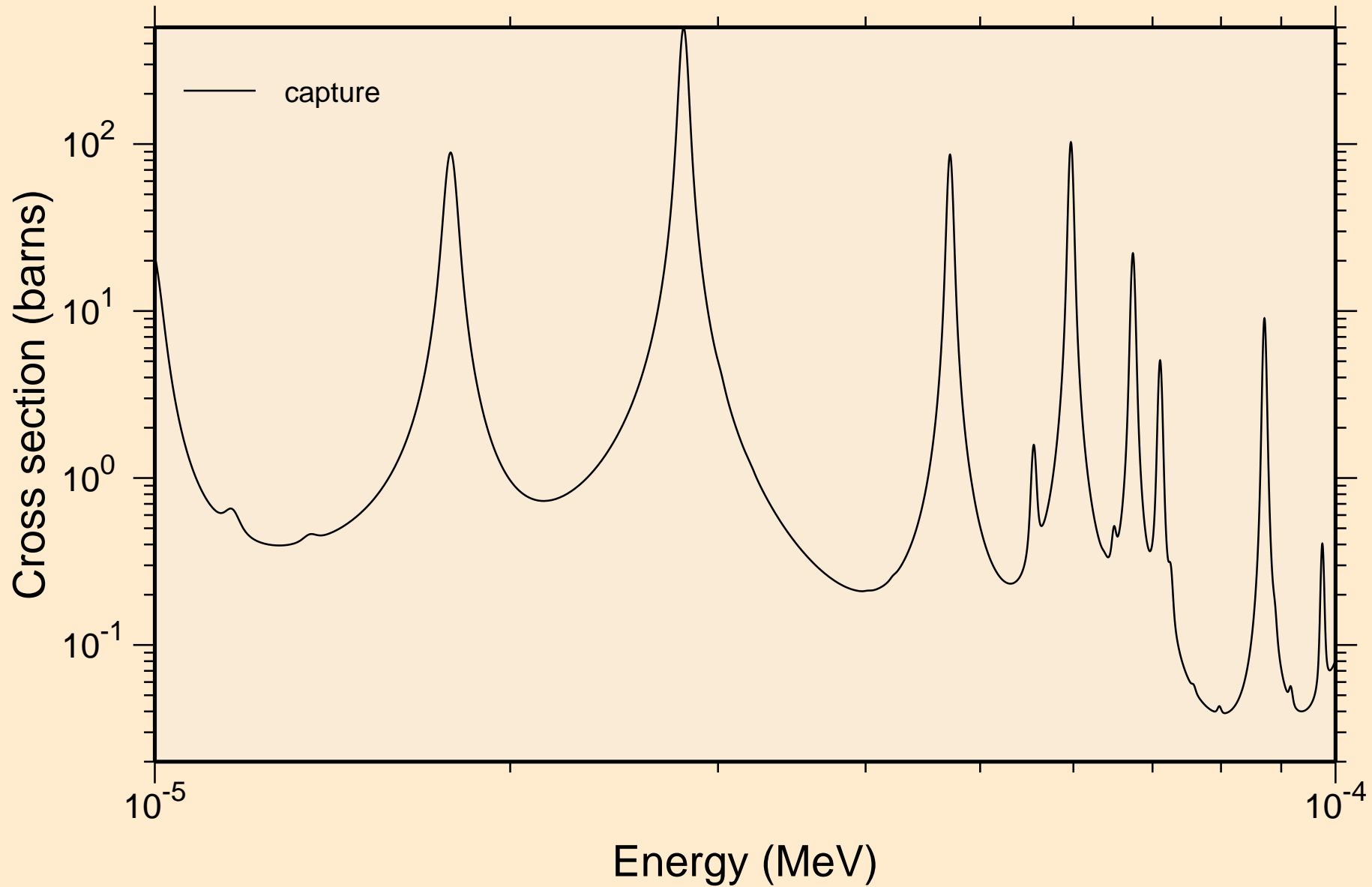
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



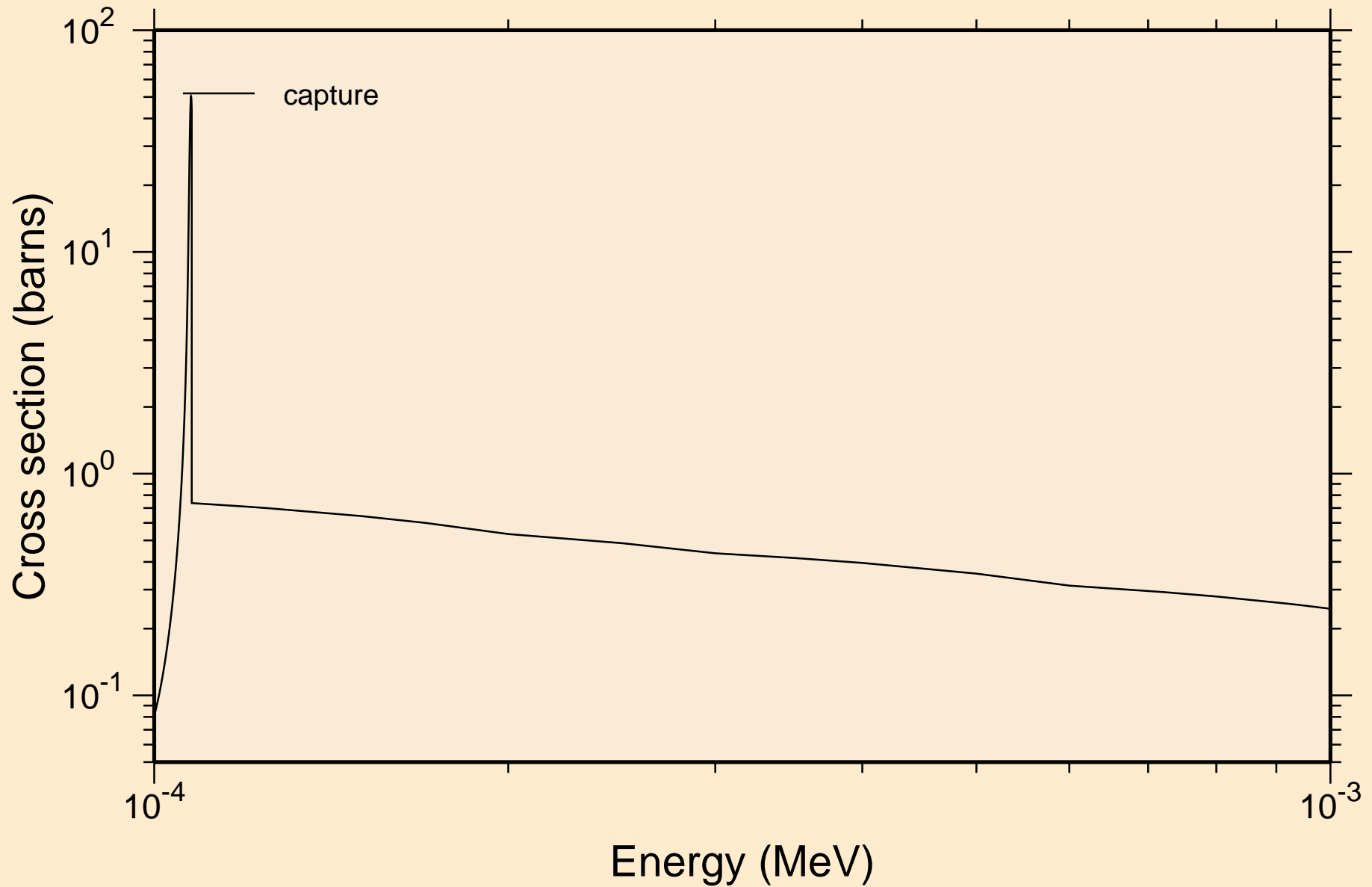
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

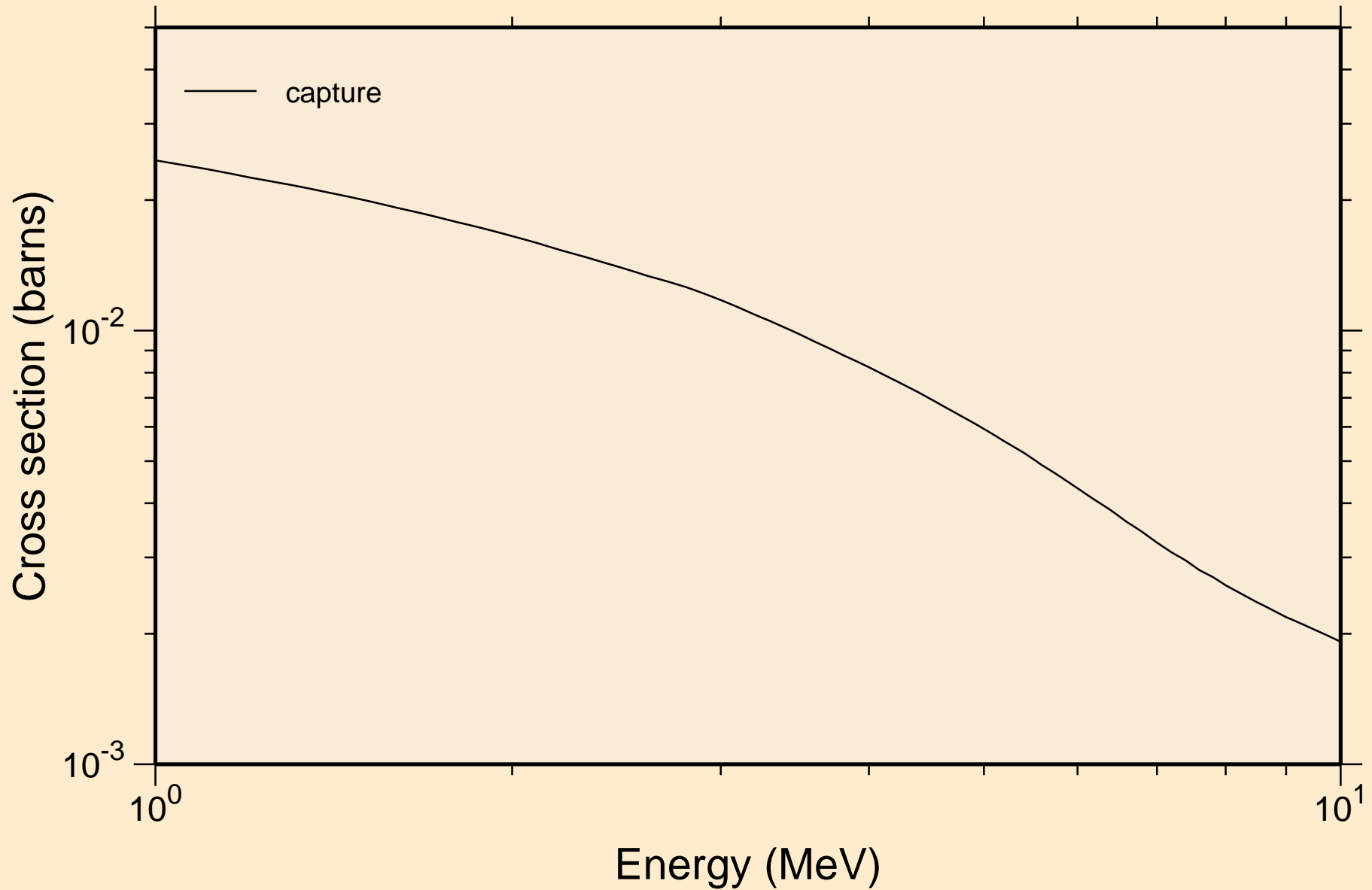


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

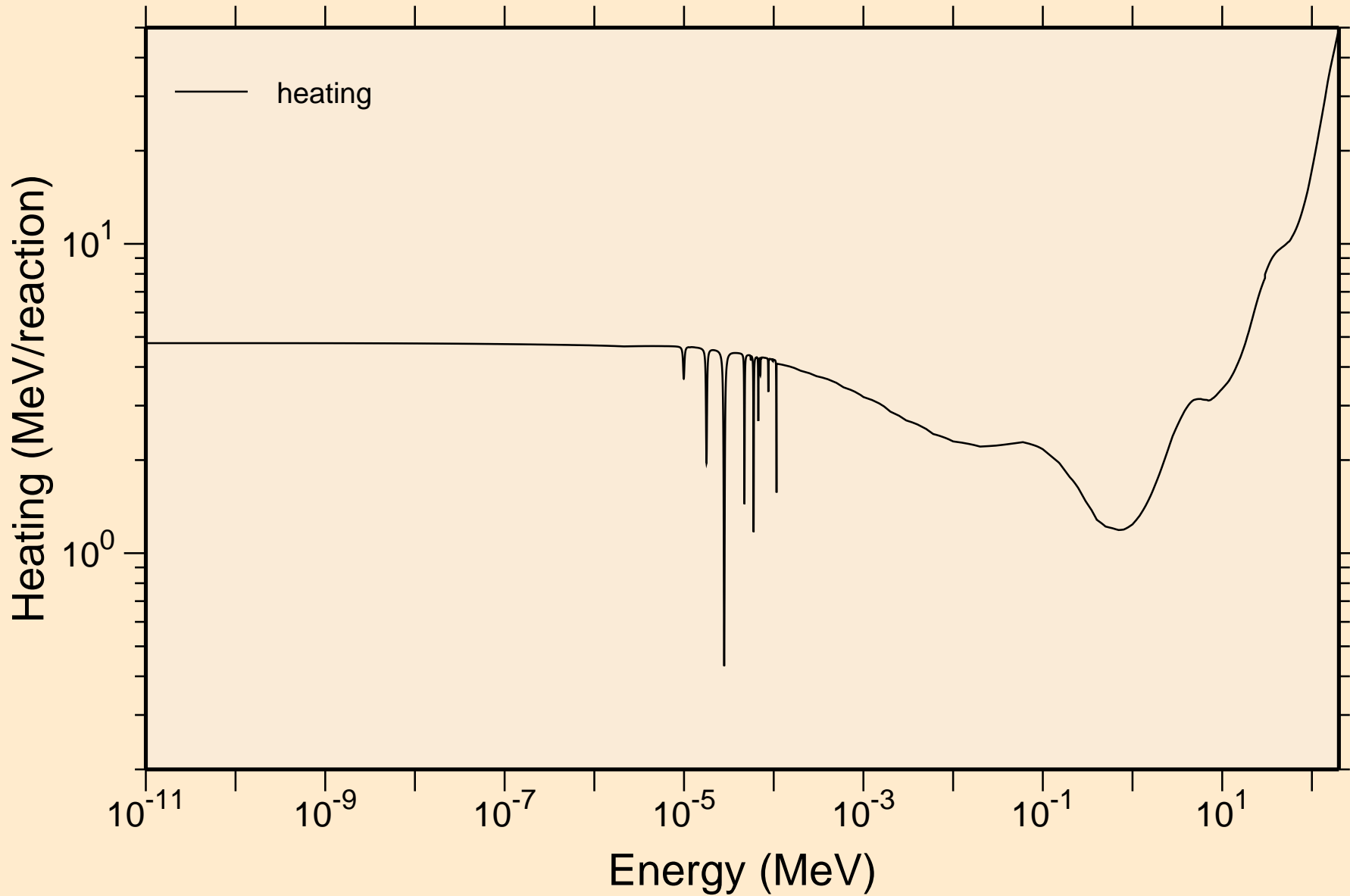




IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

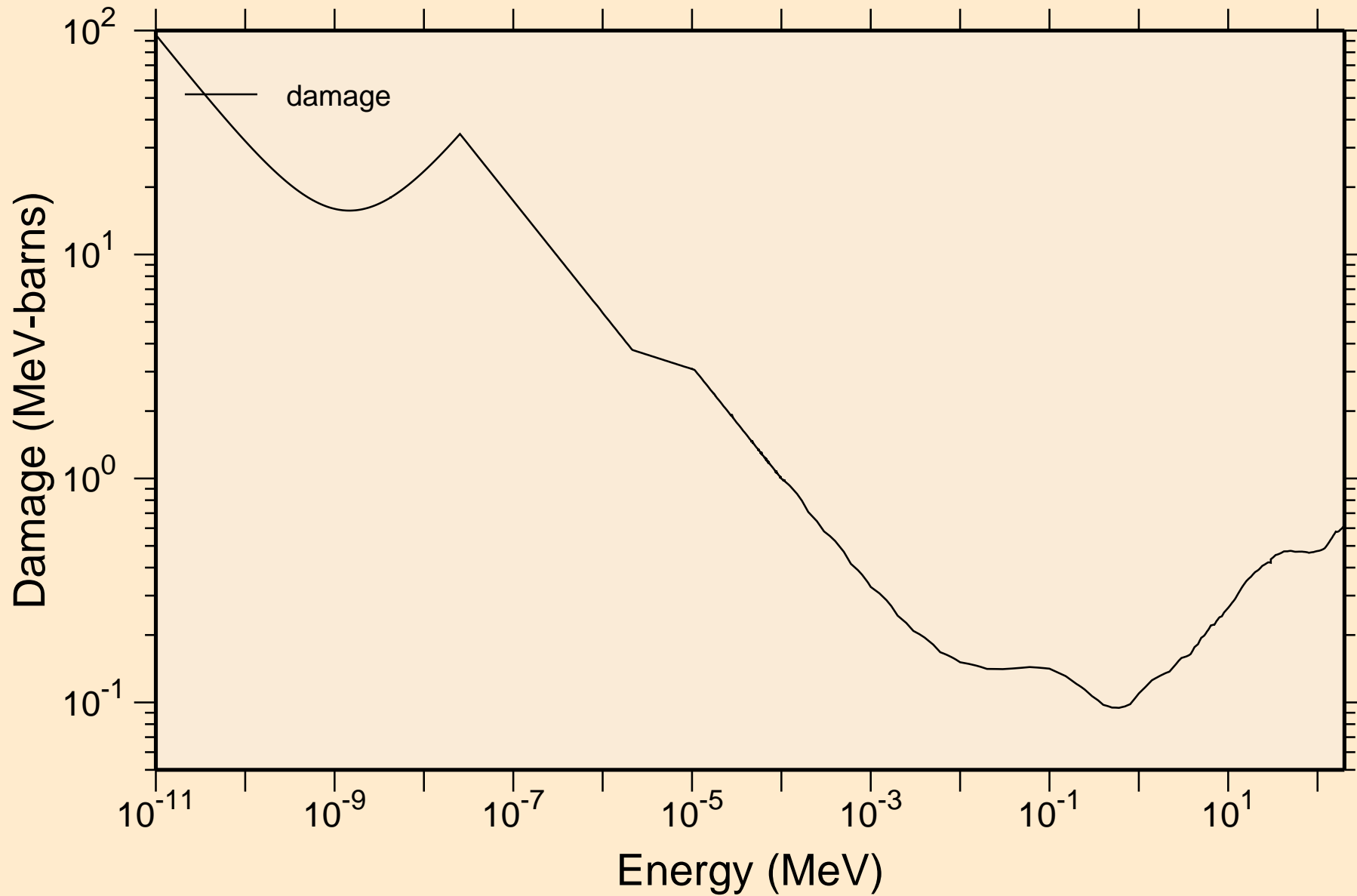


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

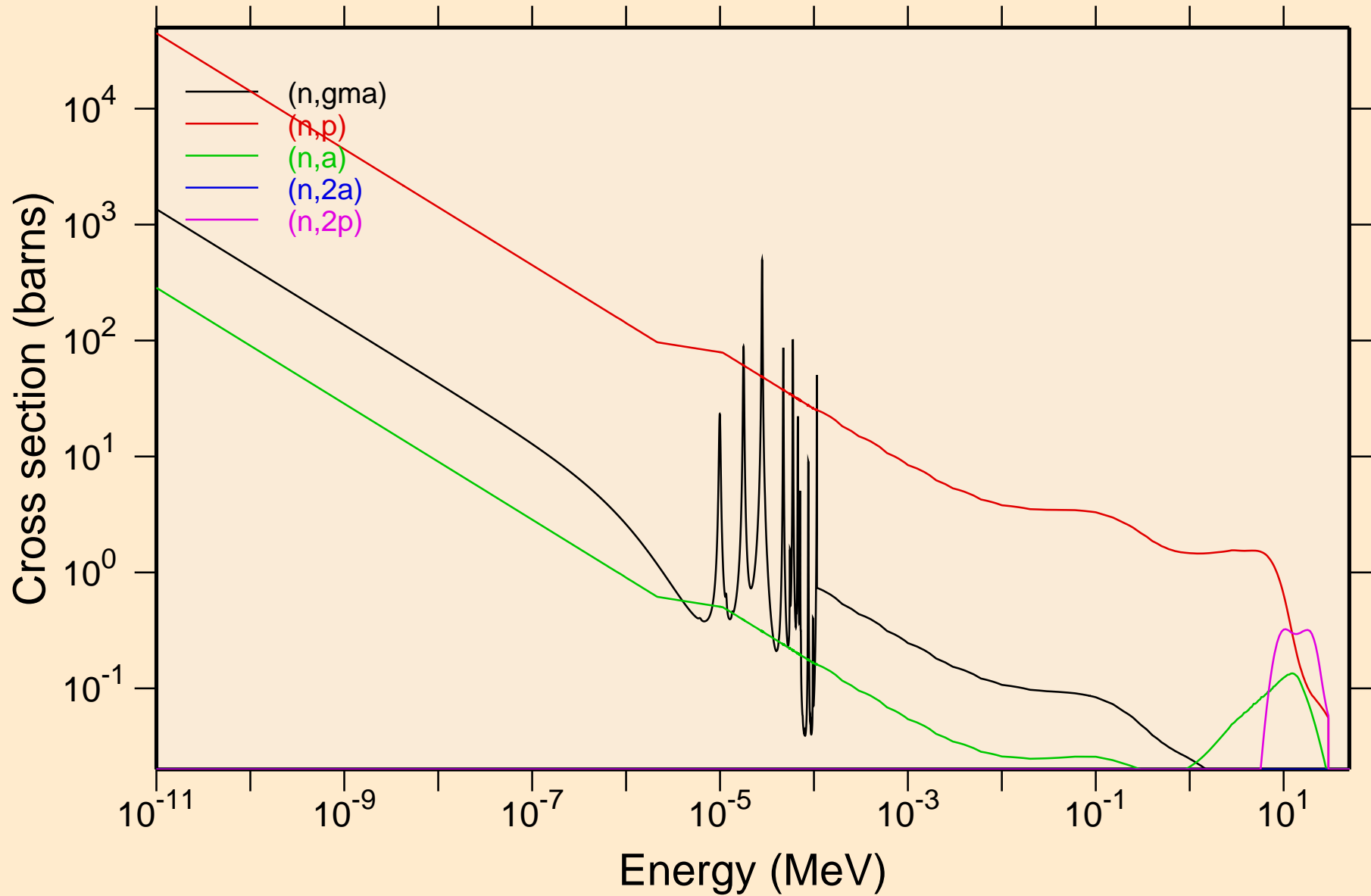


# IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

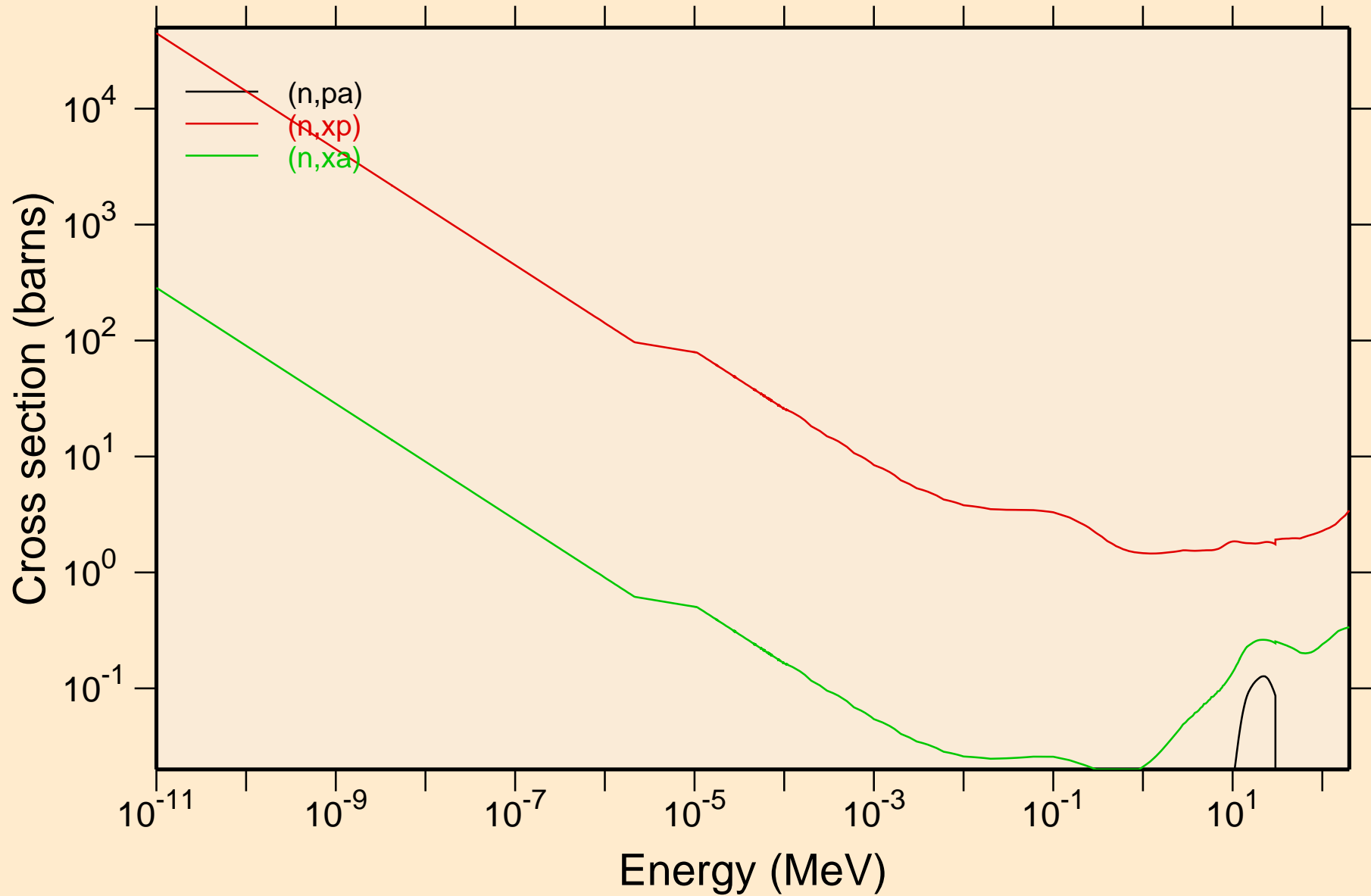
## Damage



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

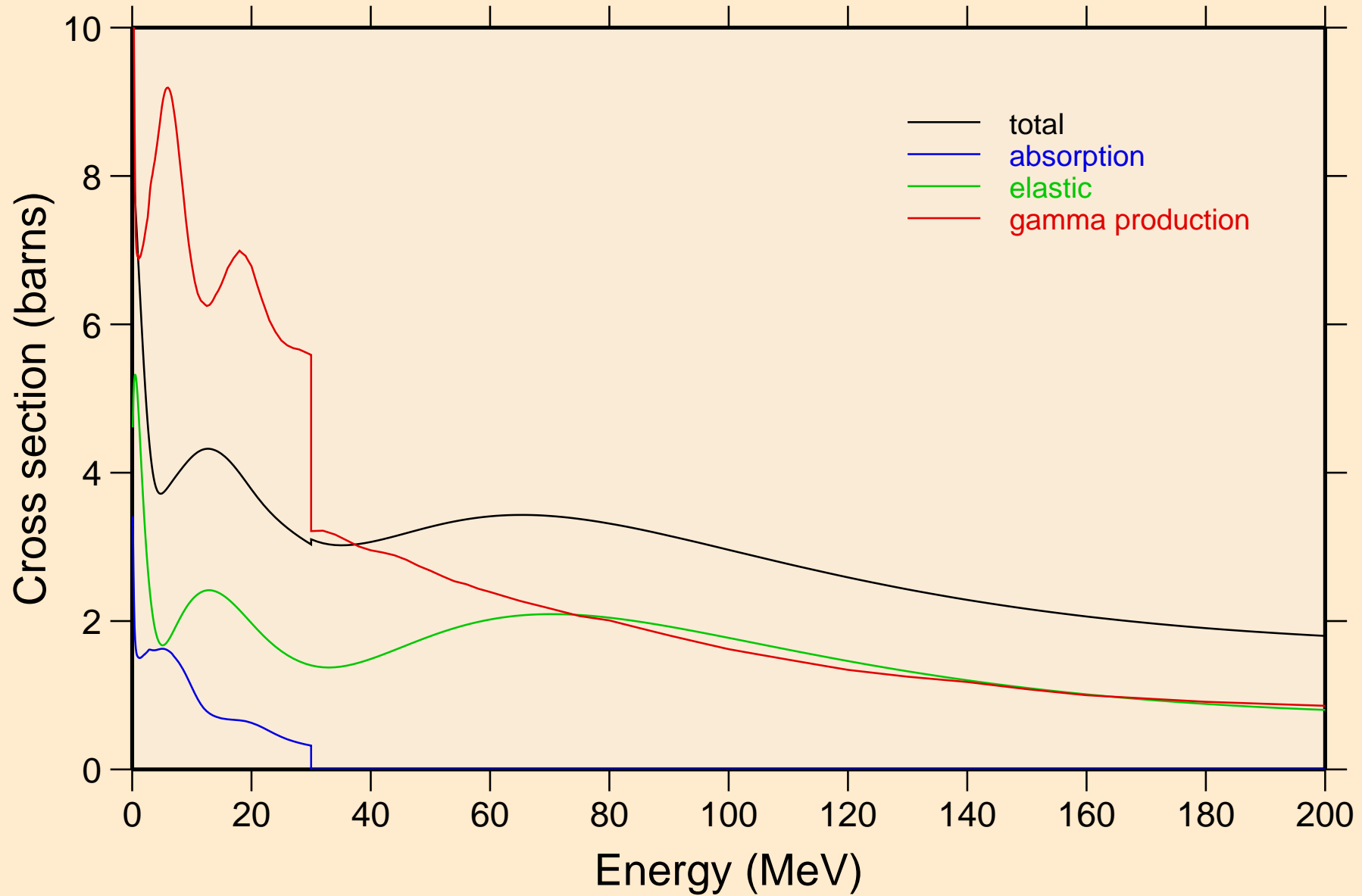


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



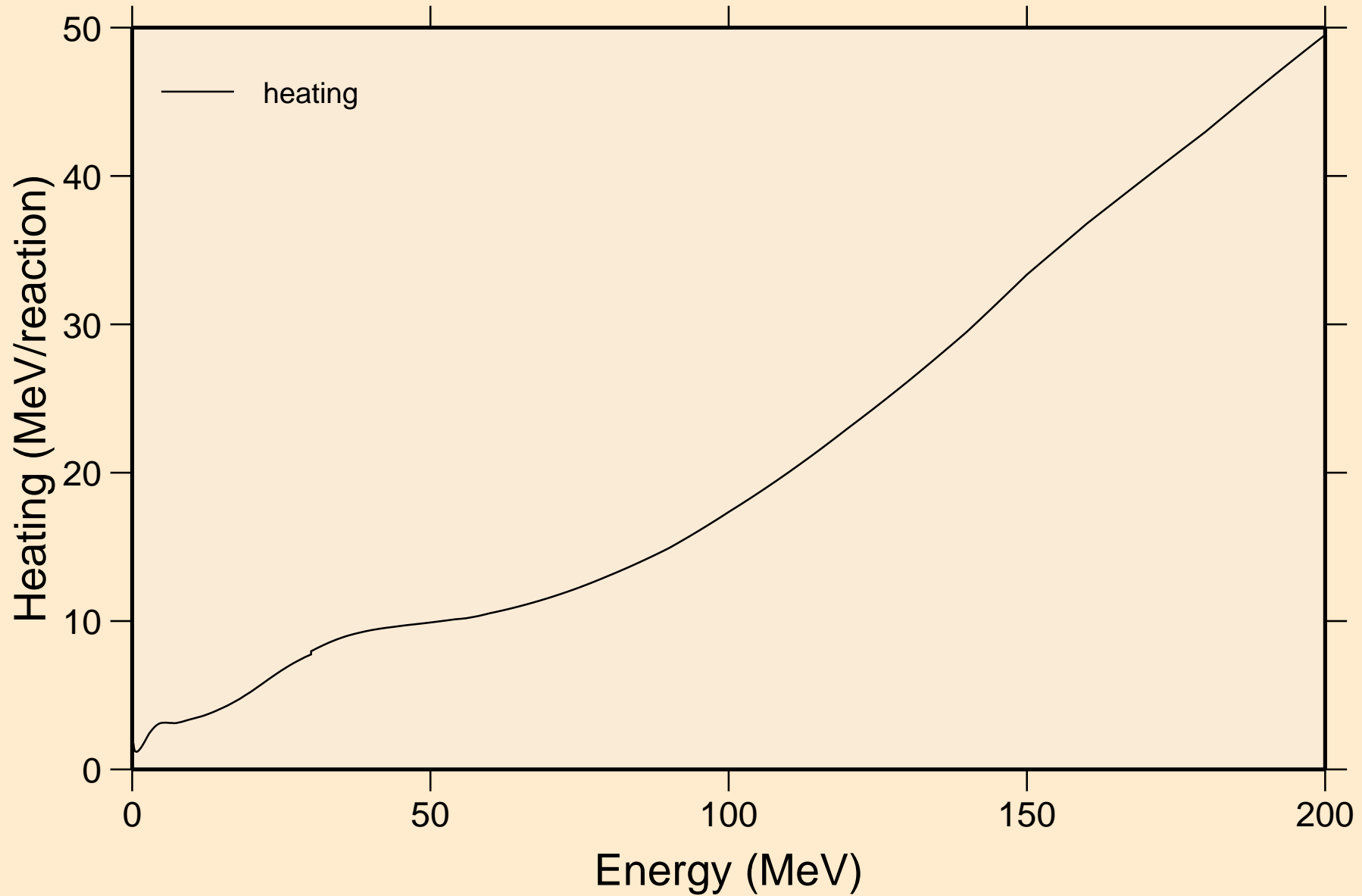
# IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections



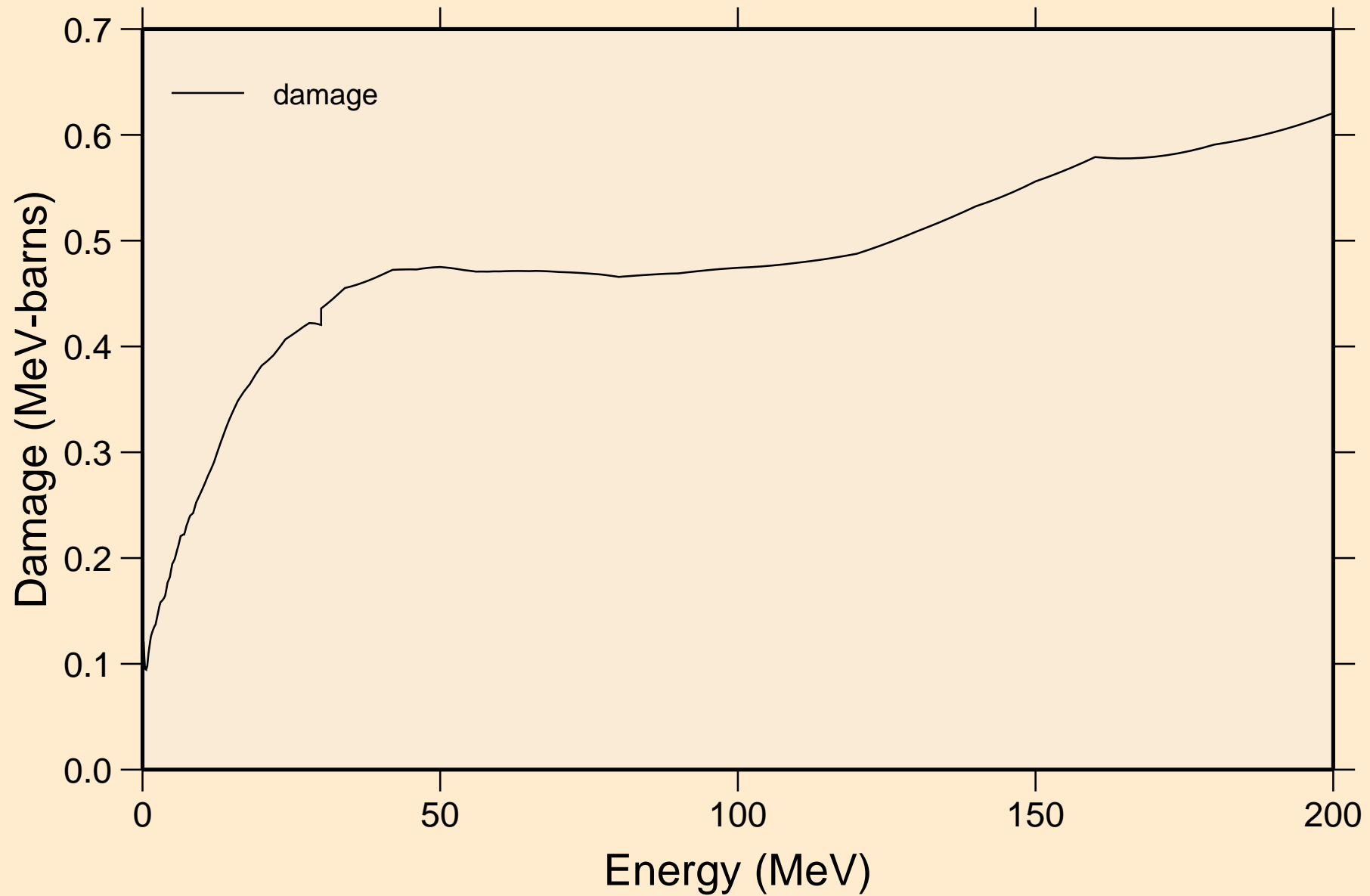
# IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating



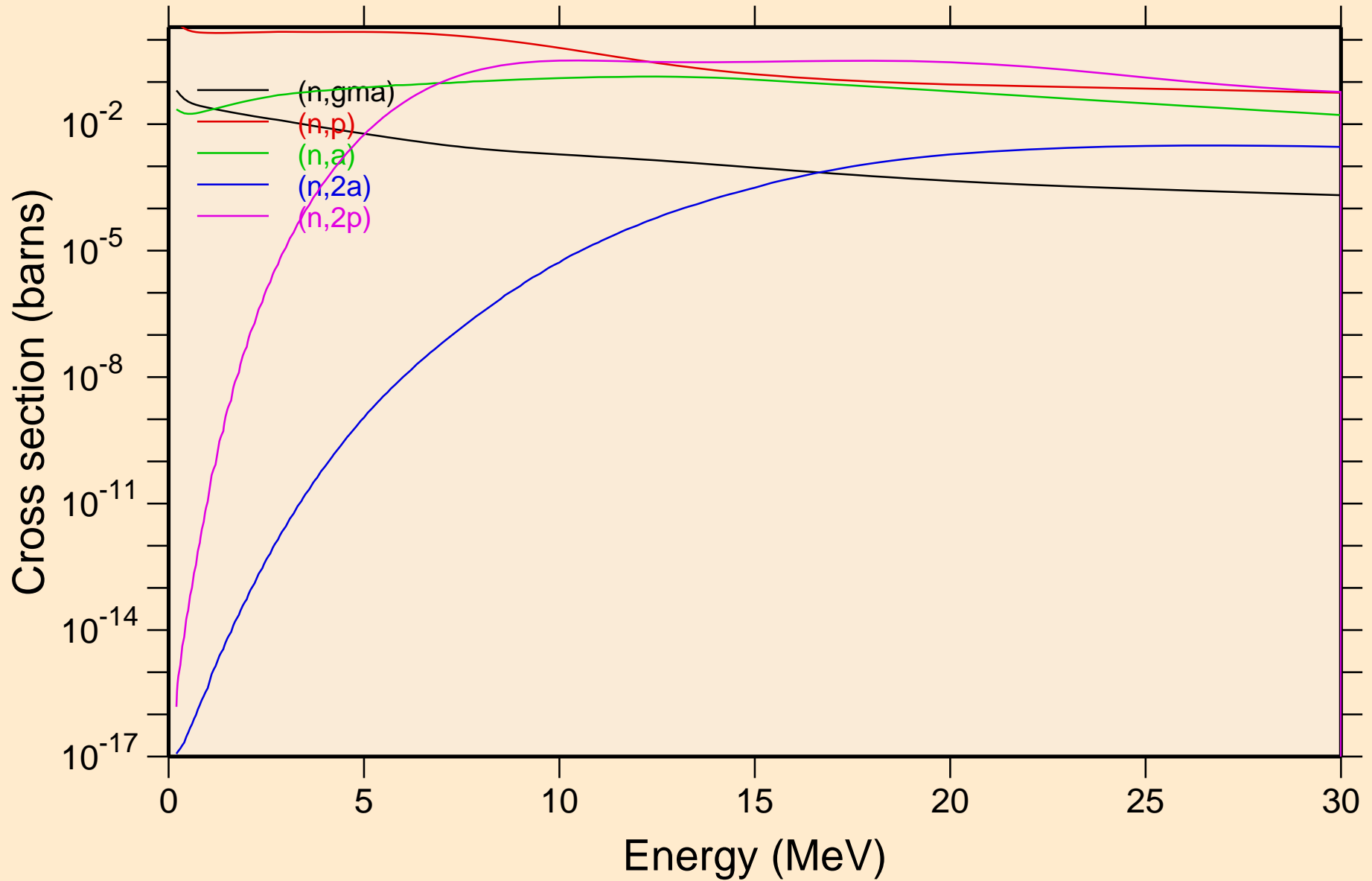
# IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

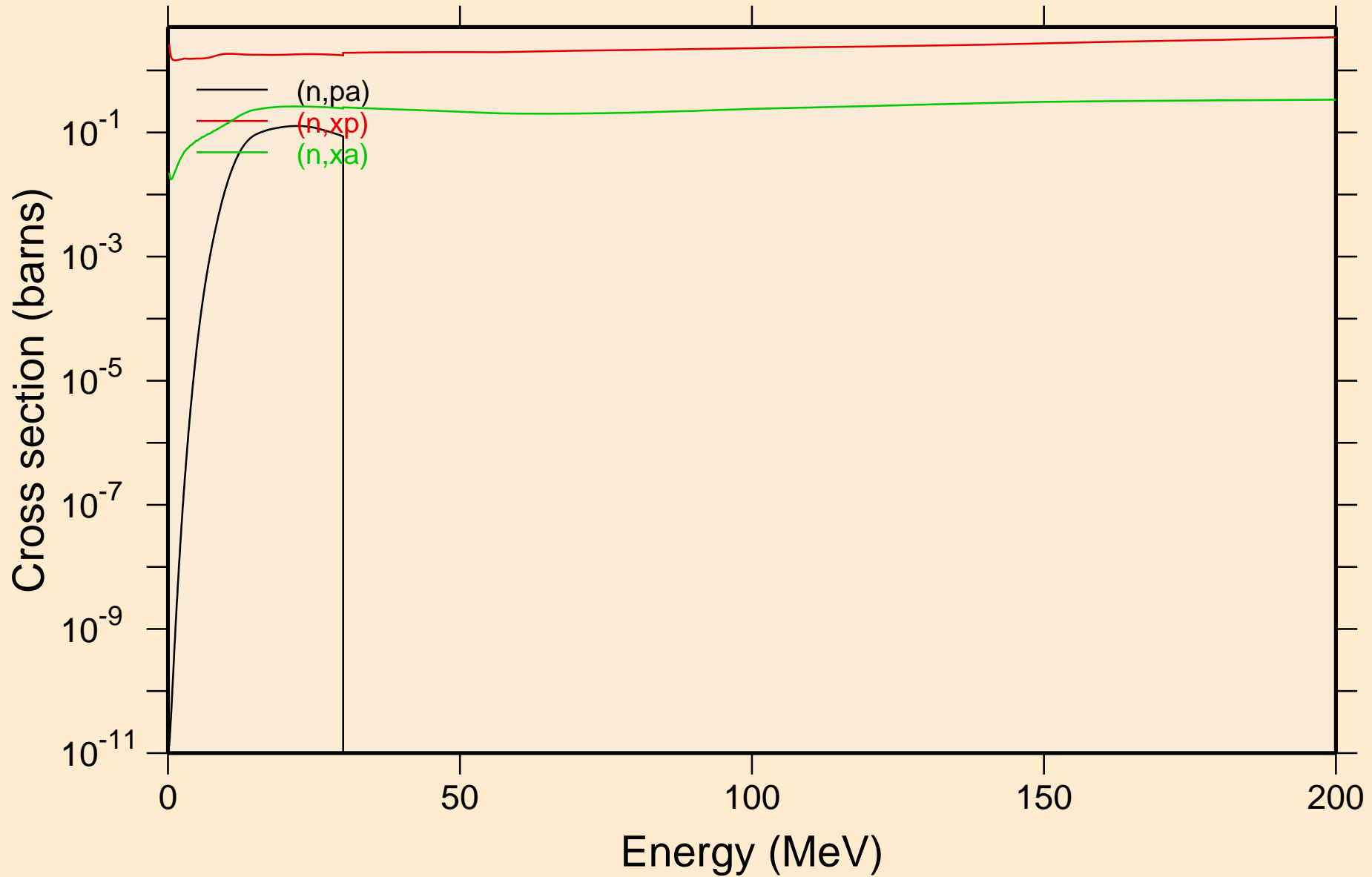




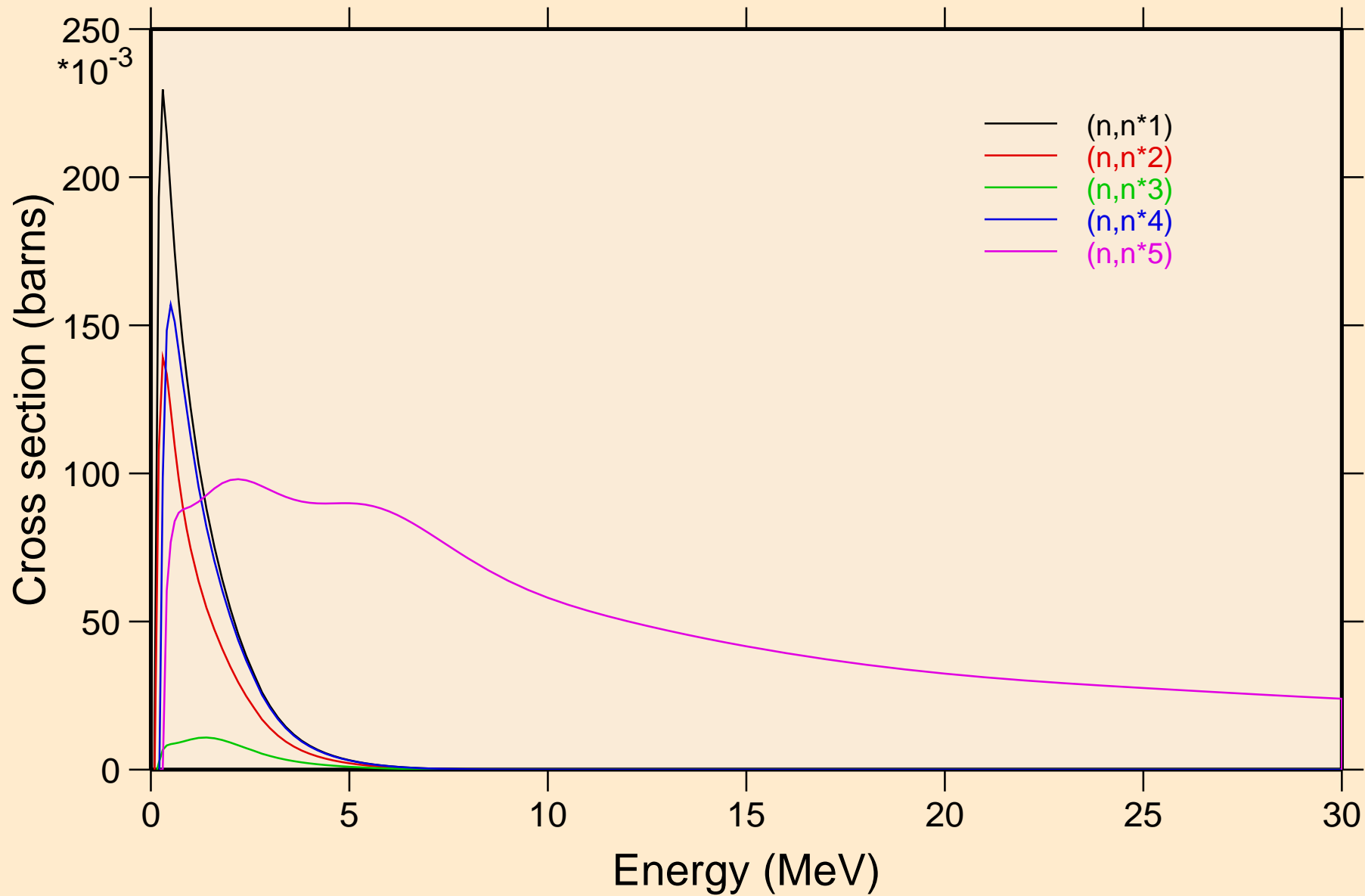
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



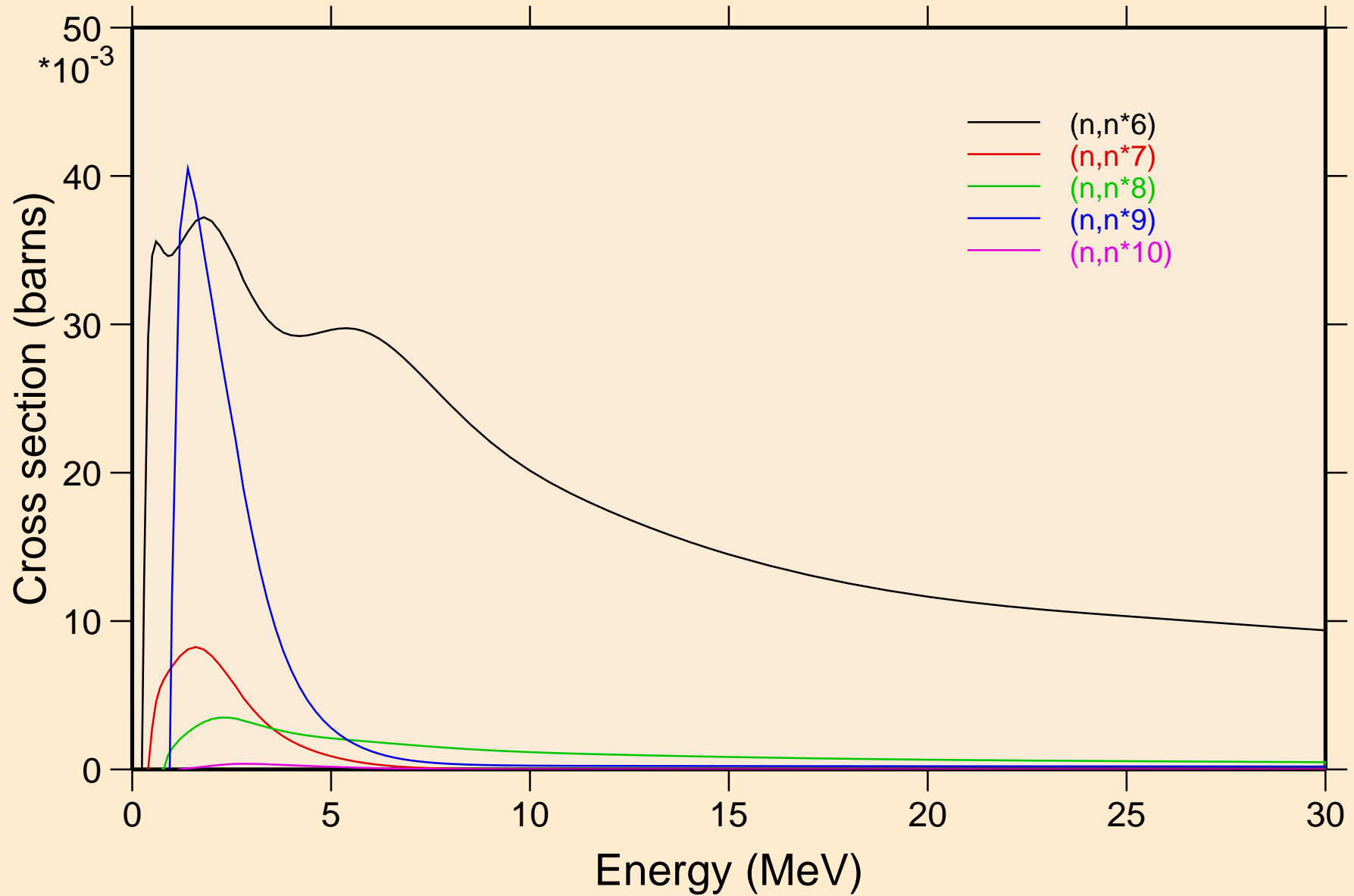
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



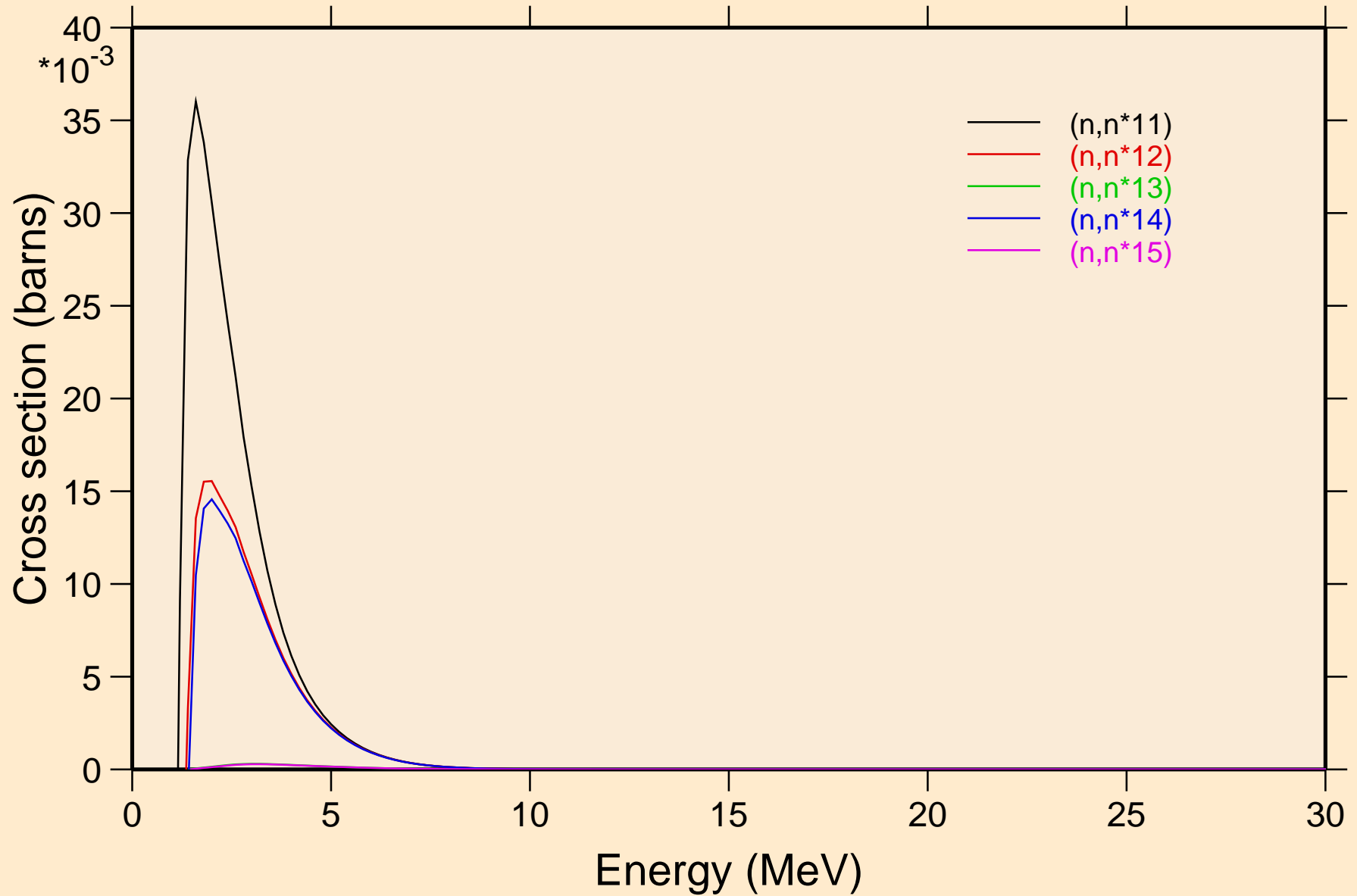
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



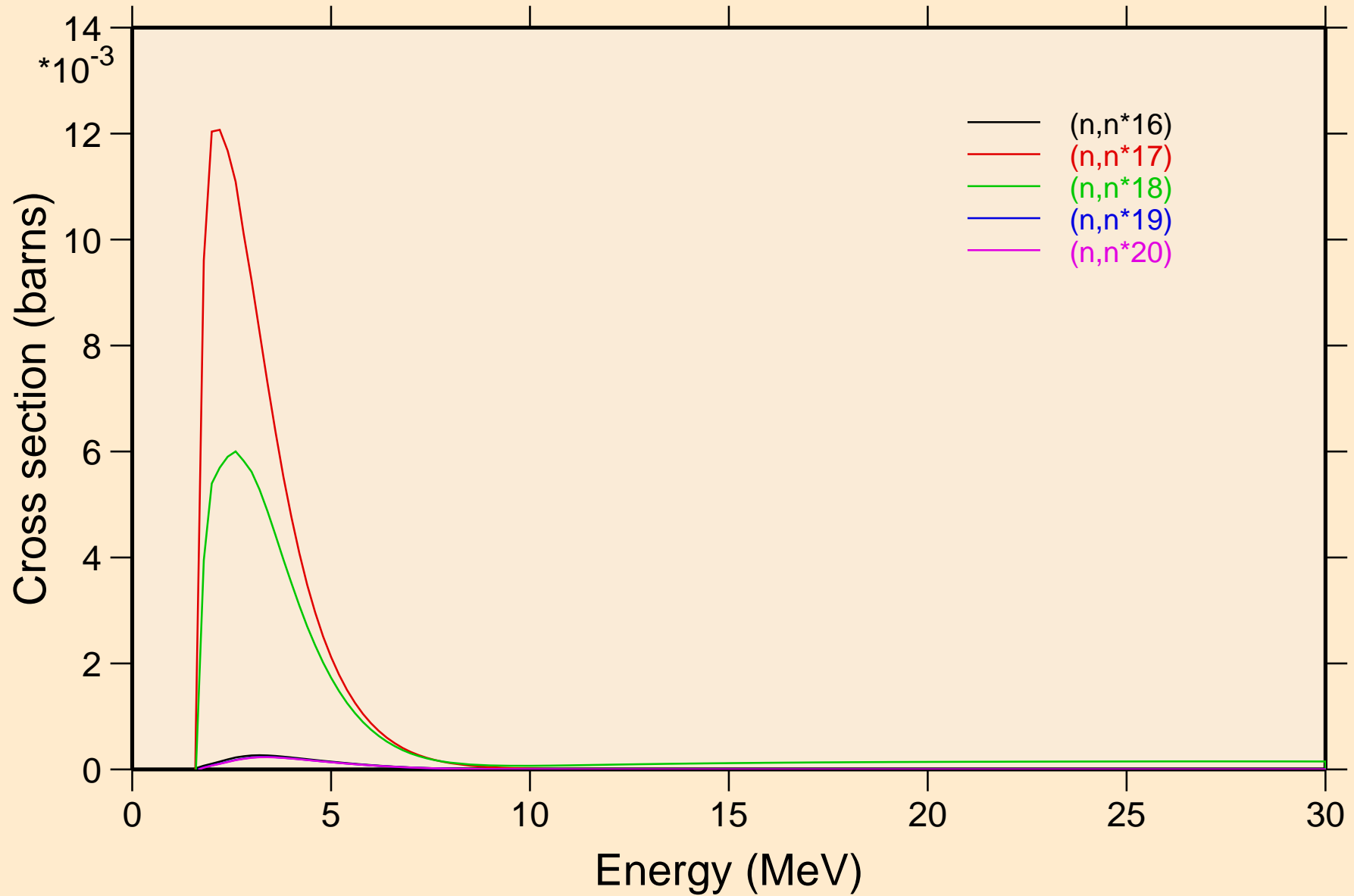
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



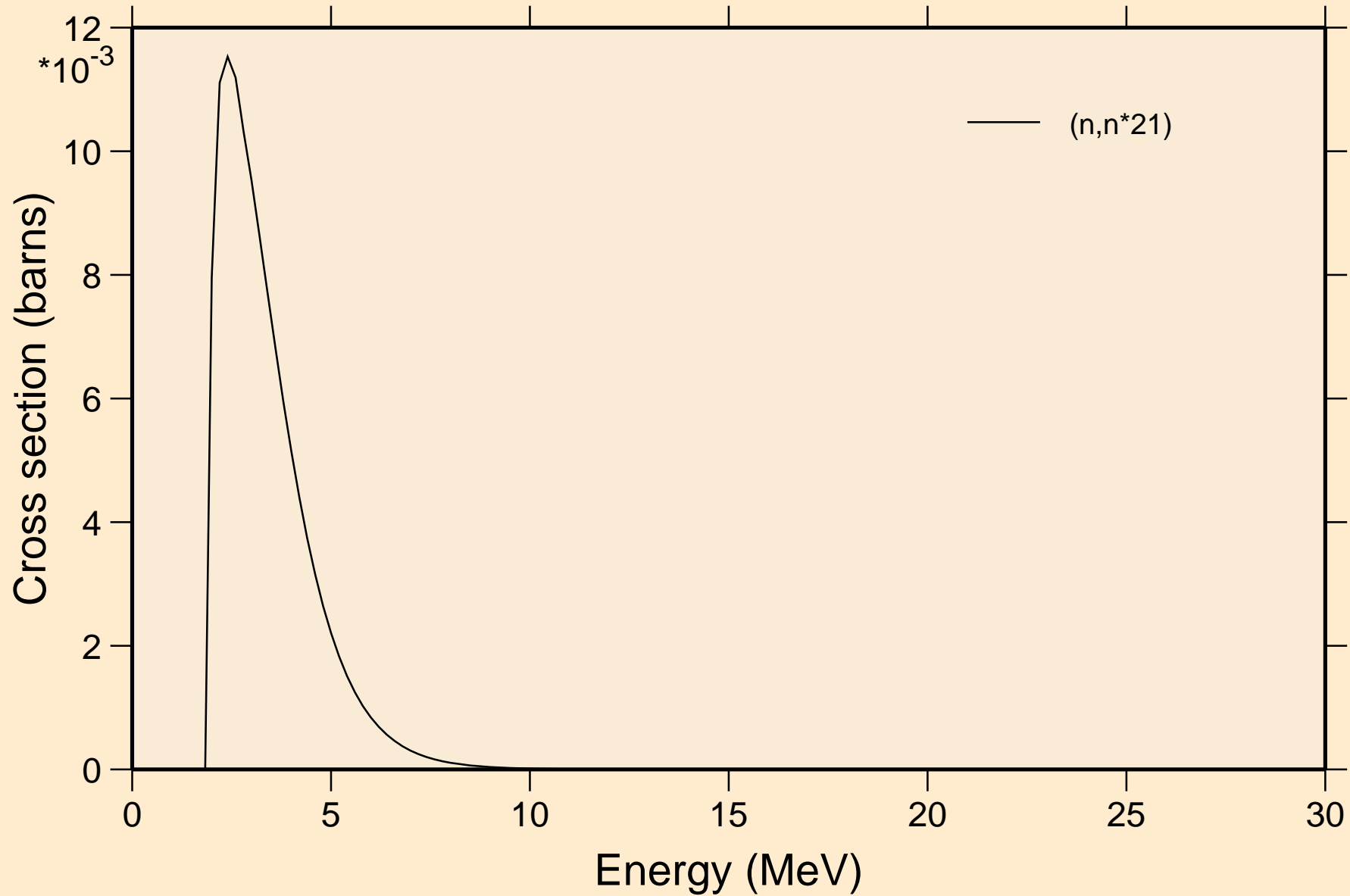
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



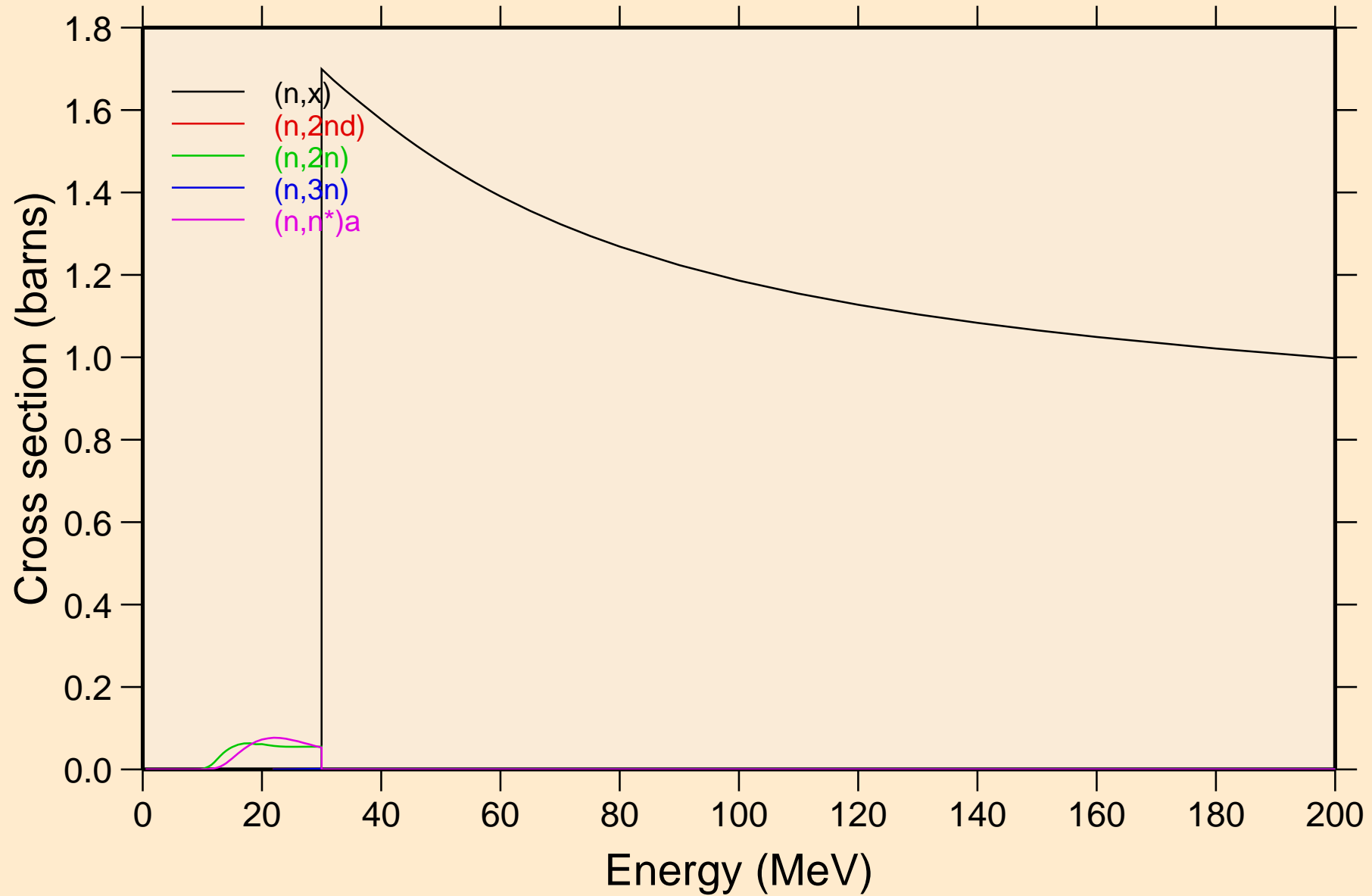
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

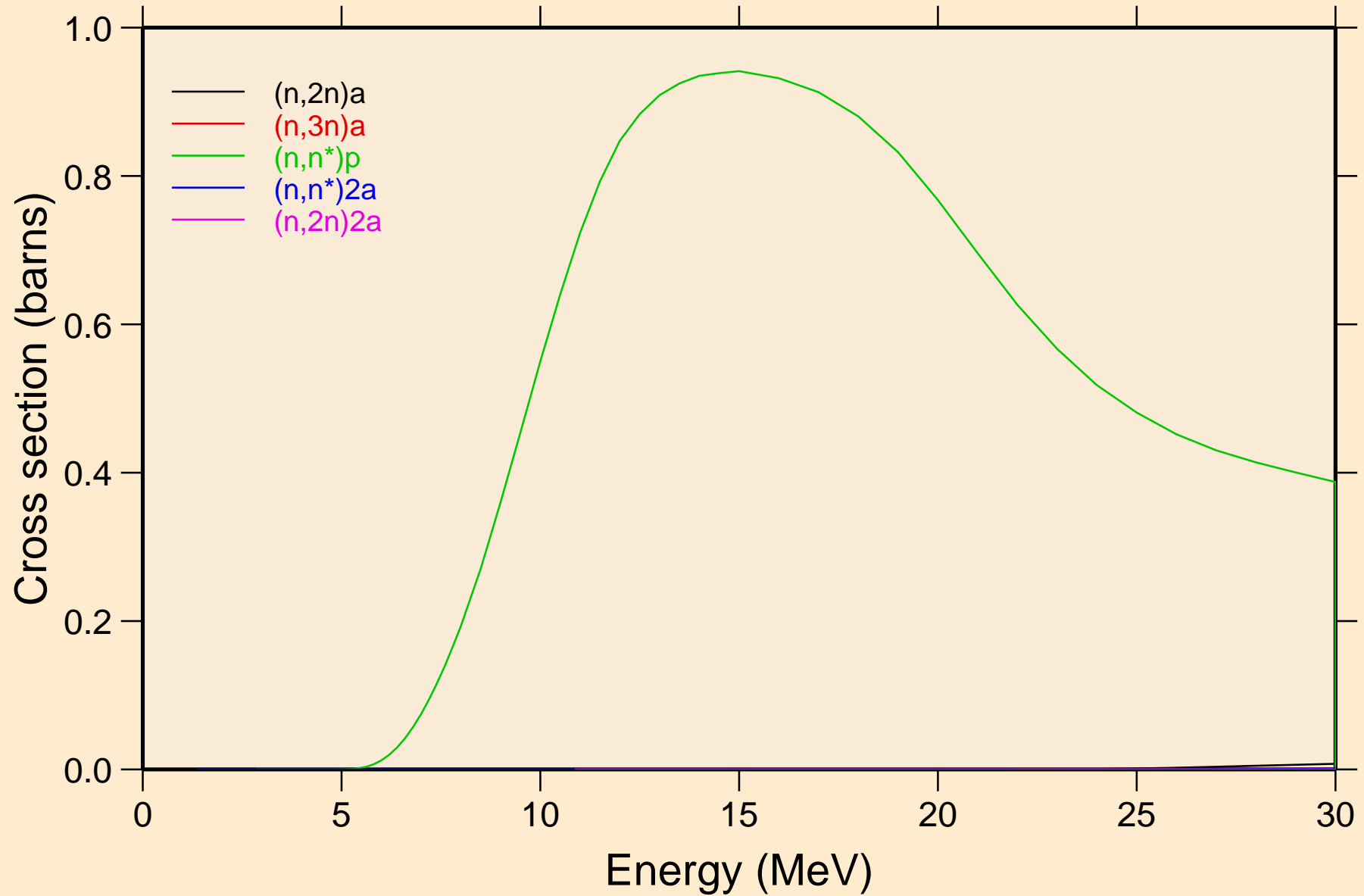


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

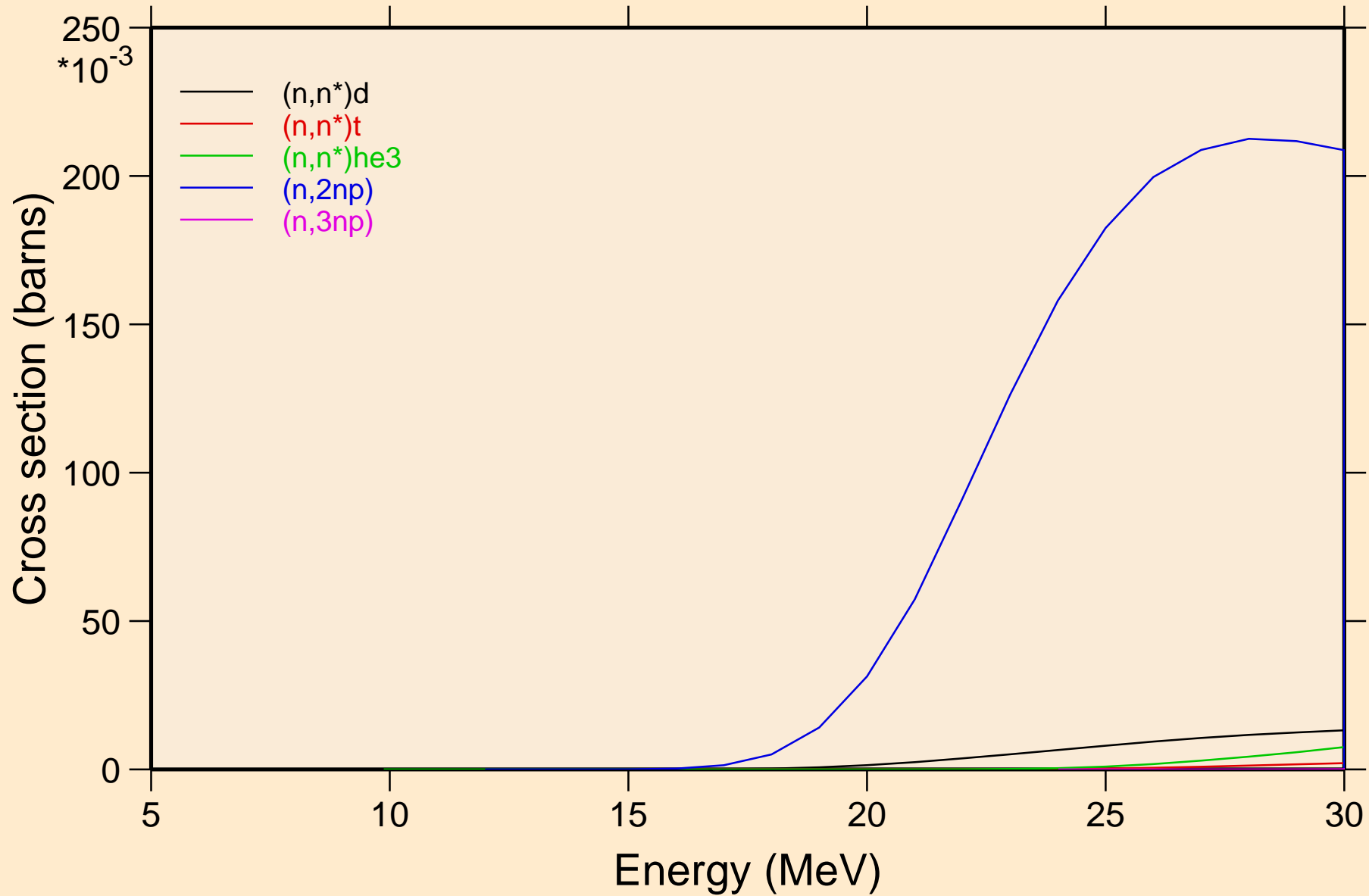




IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

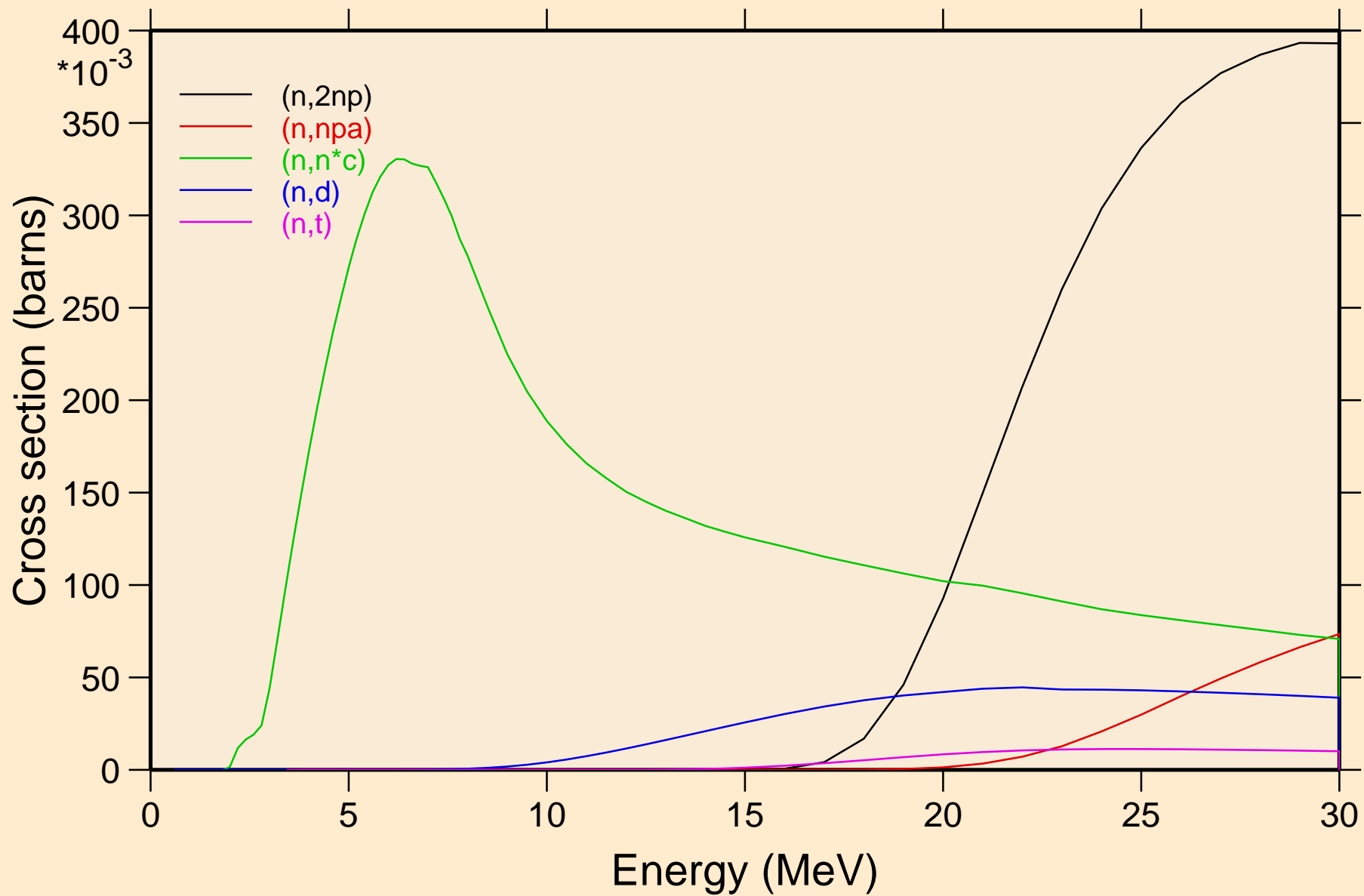


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

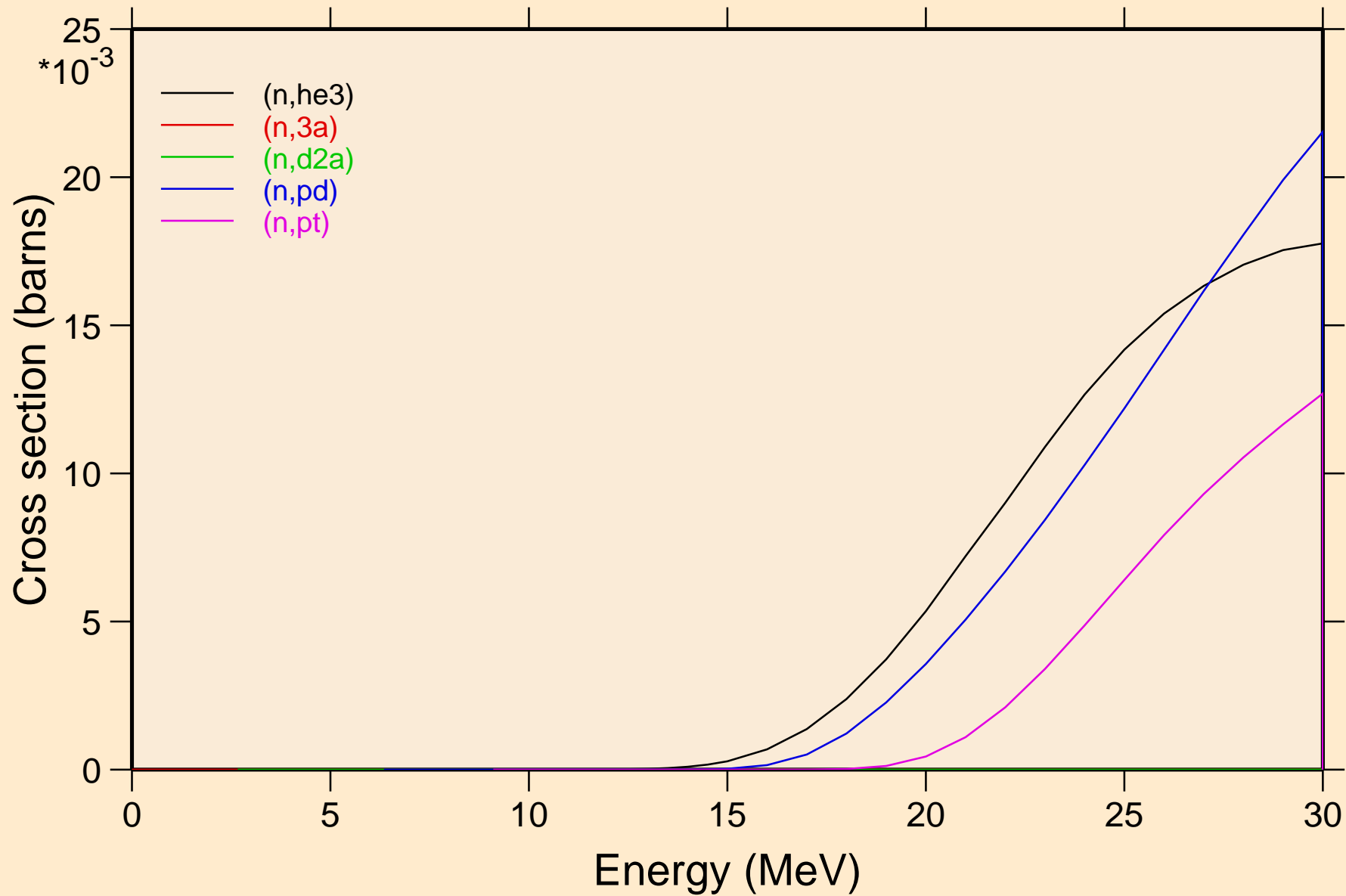


# IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

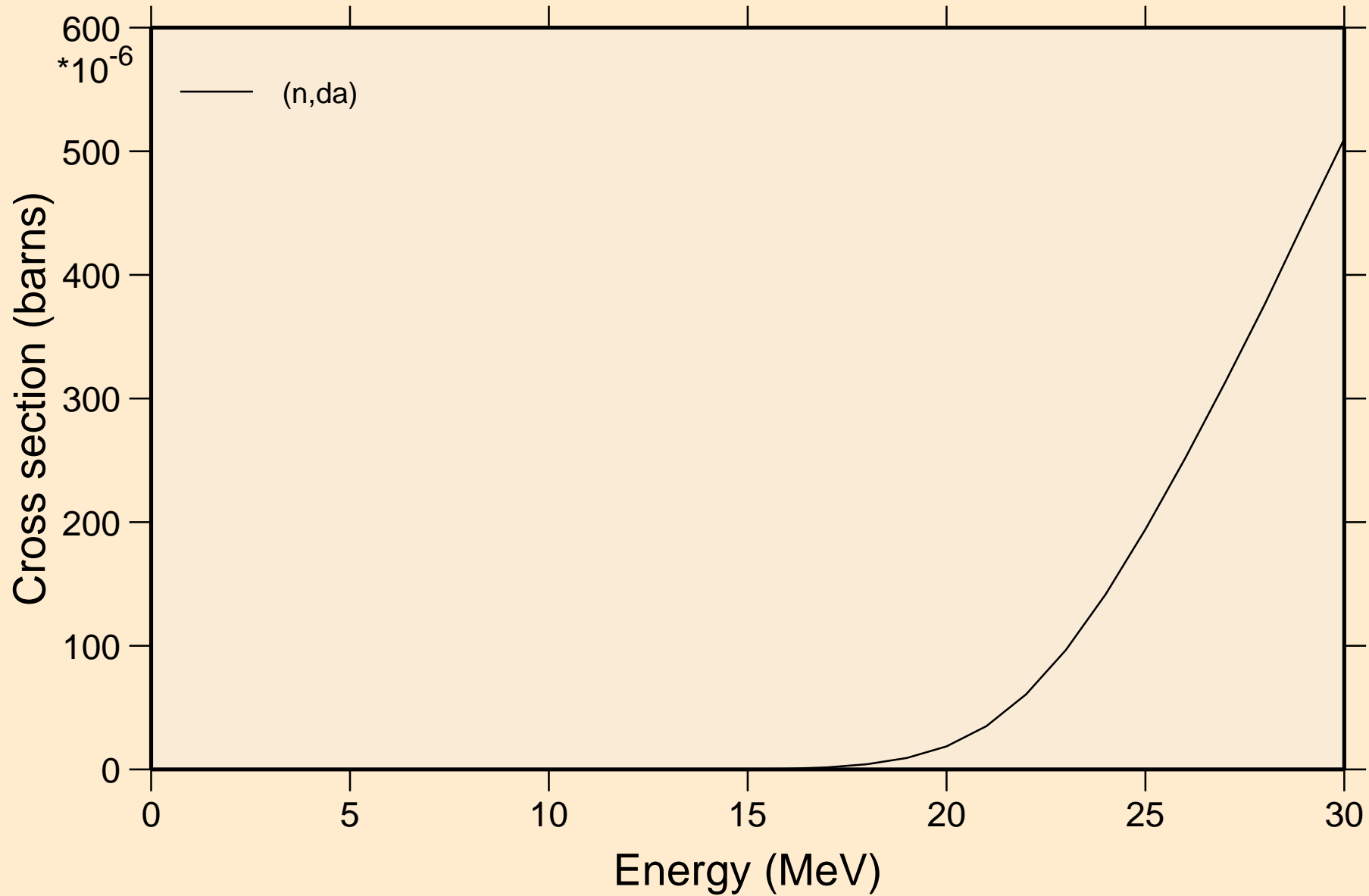
## Threshold reactions



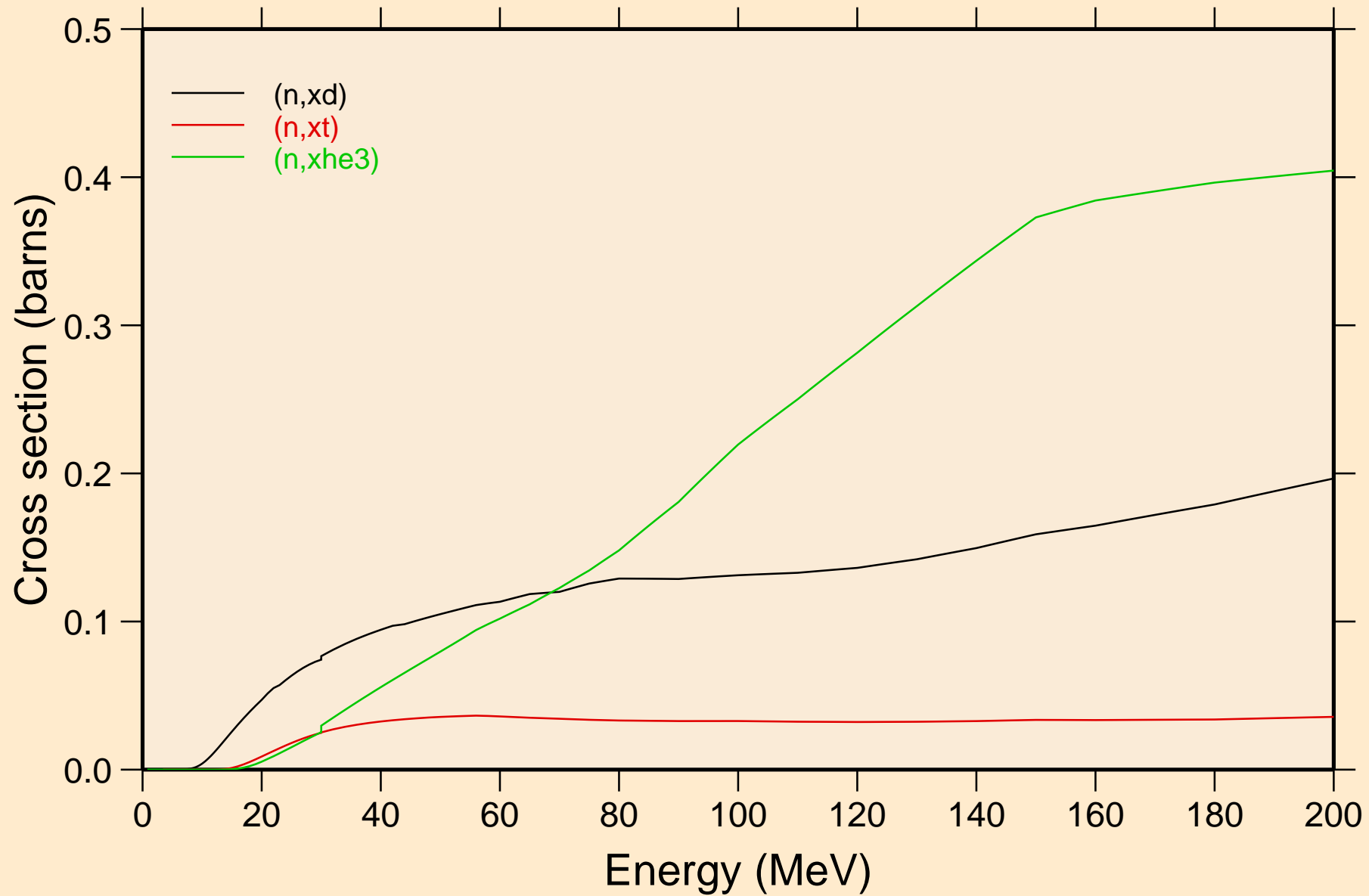
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



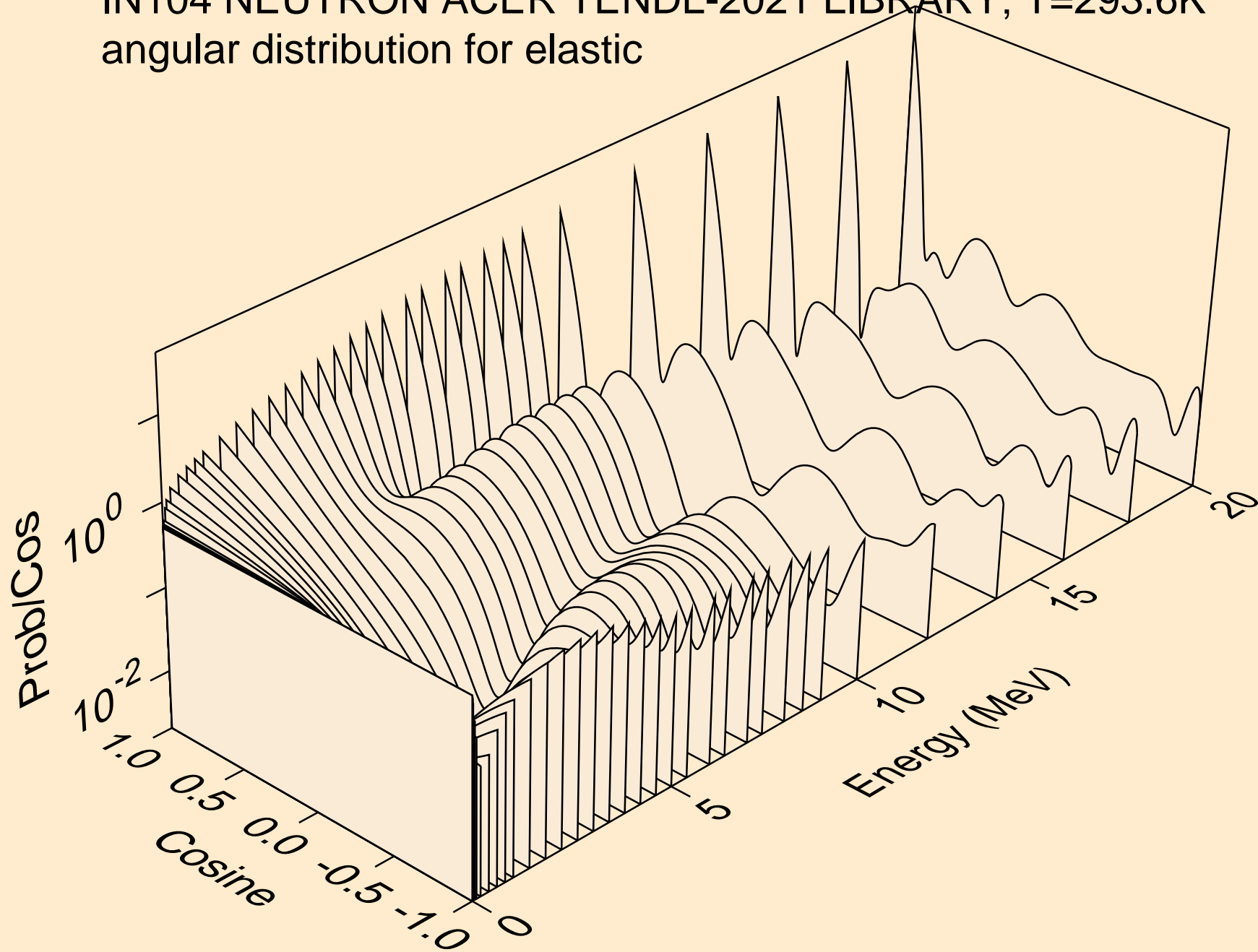
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



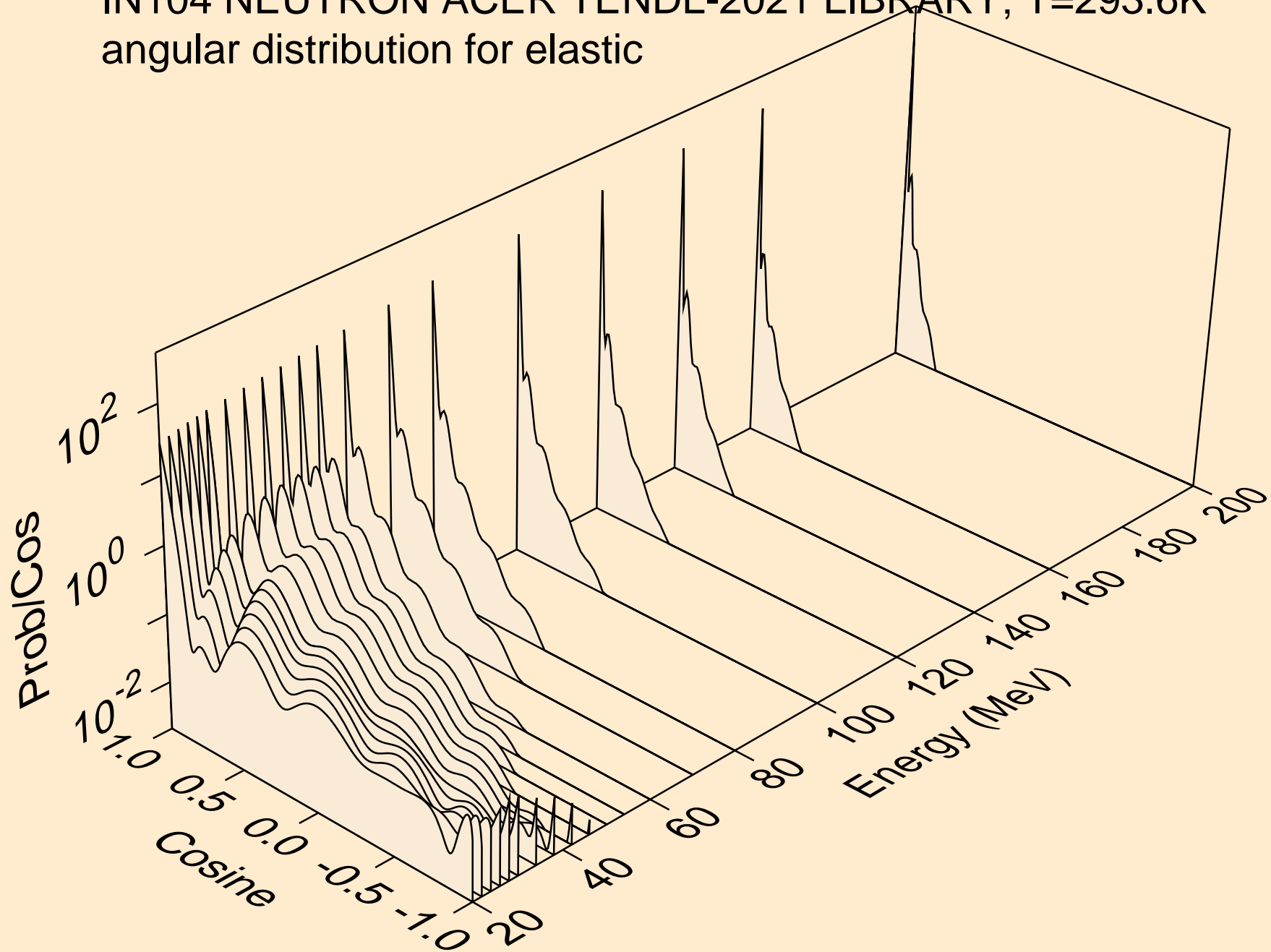
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

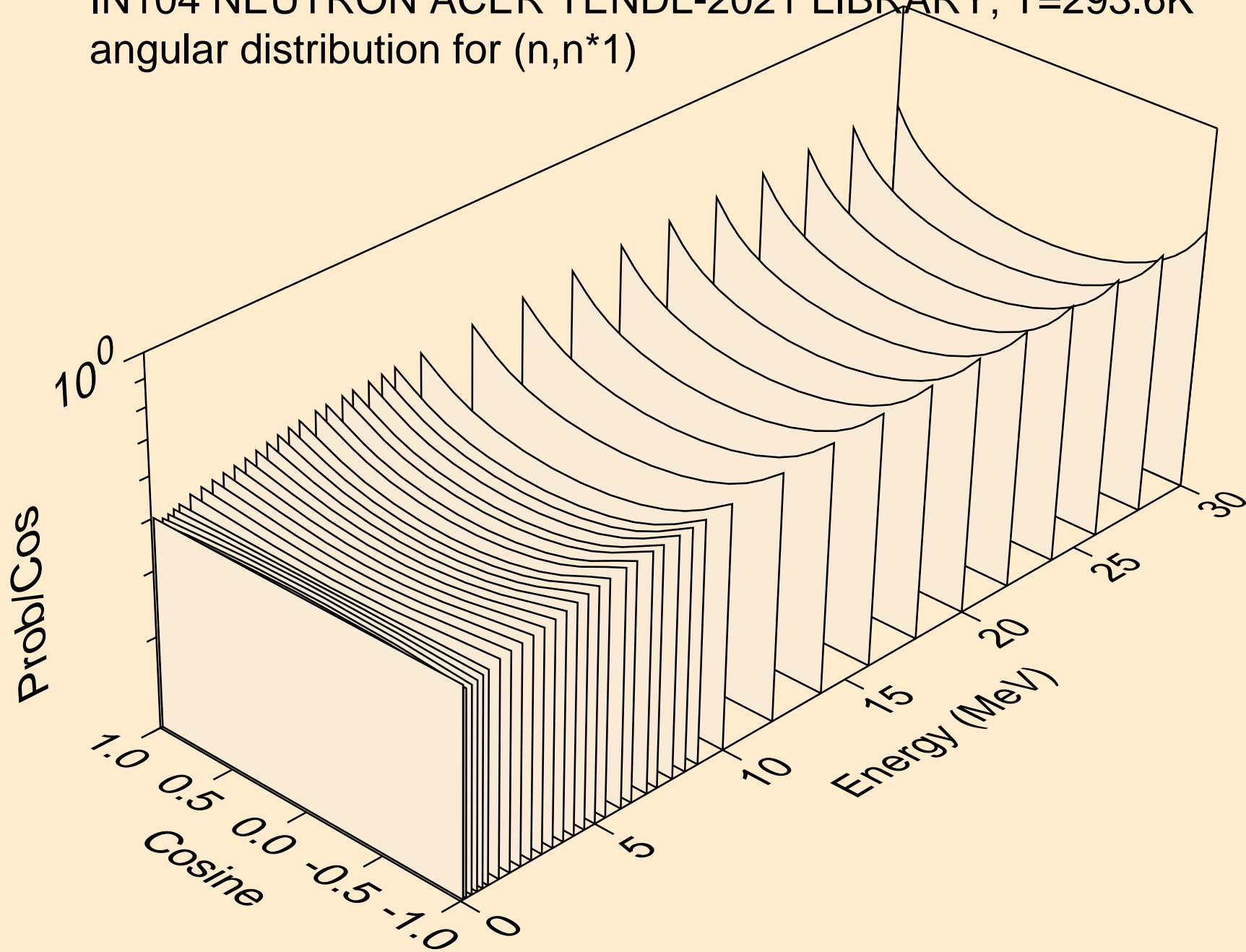


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

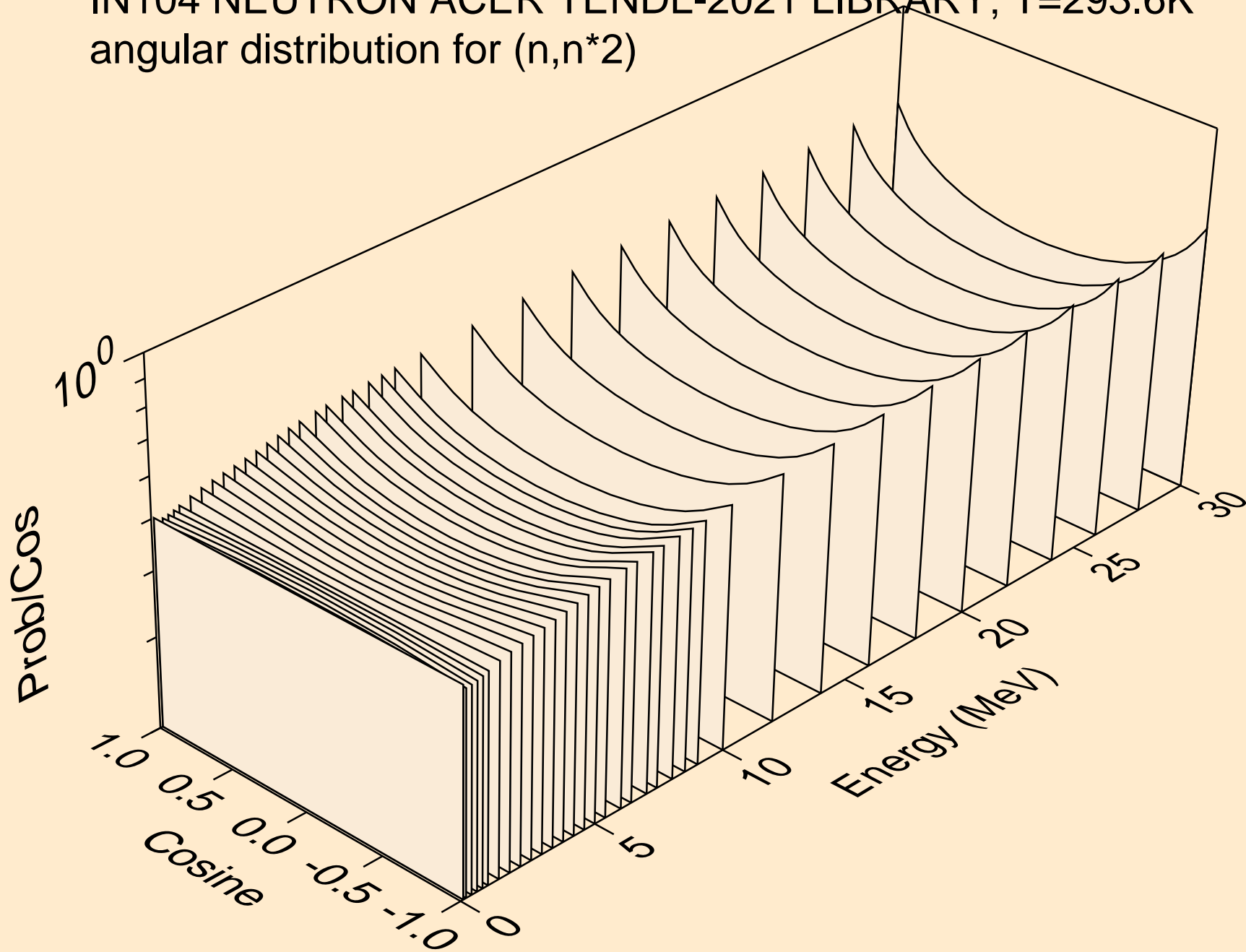




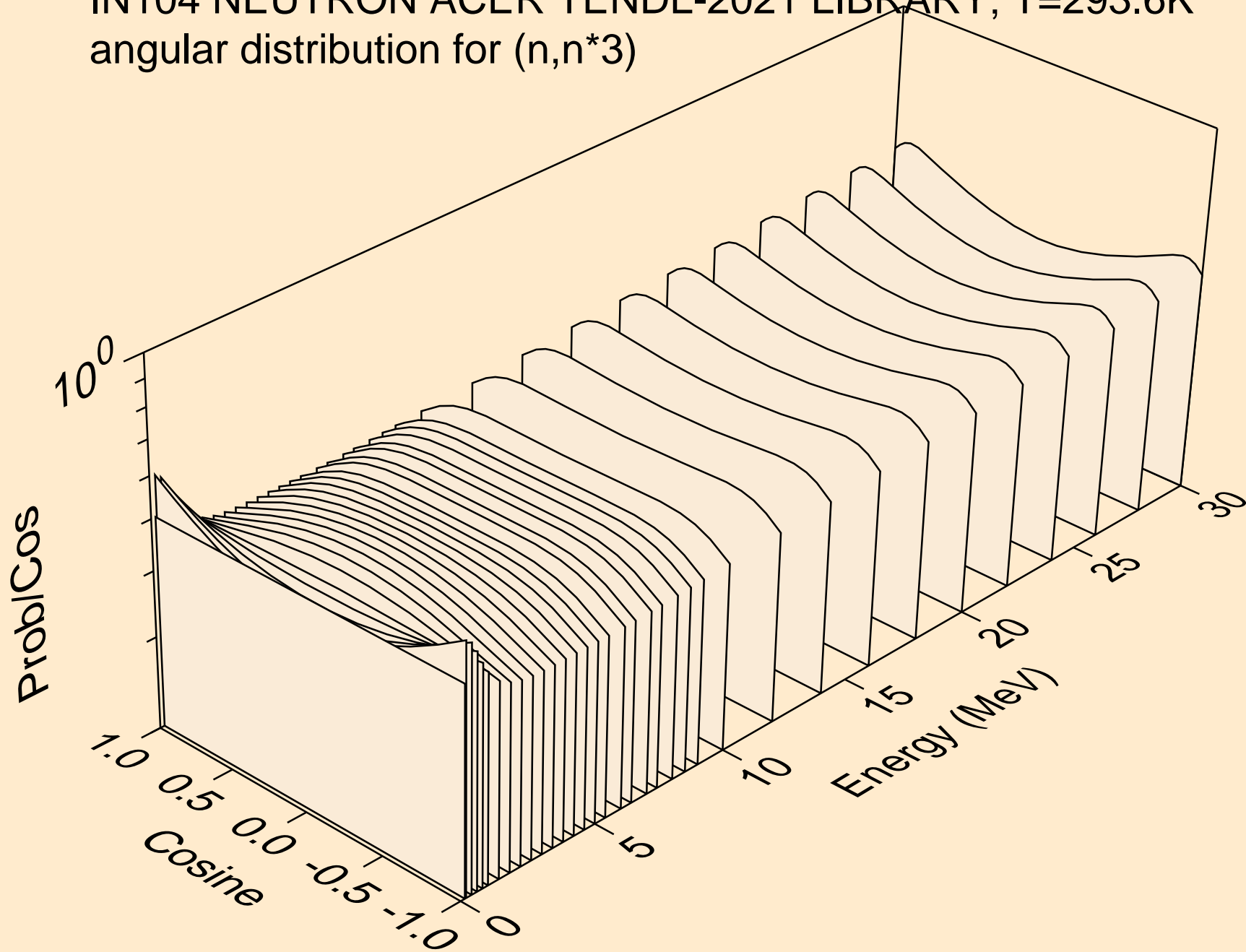
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



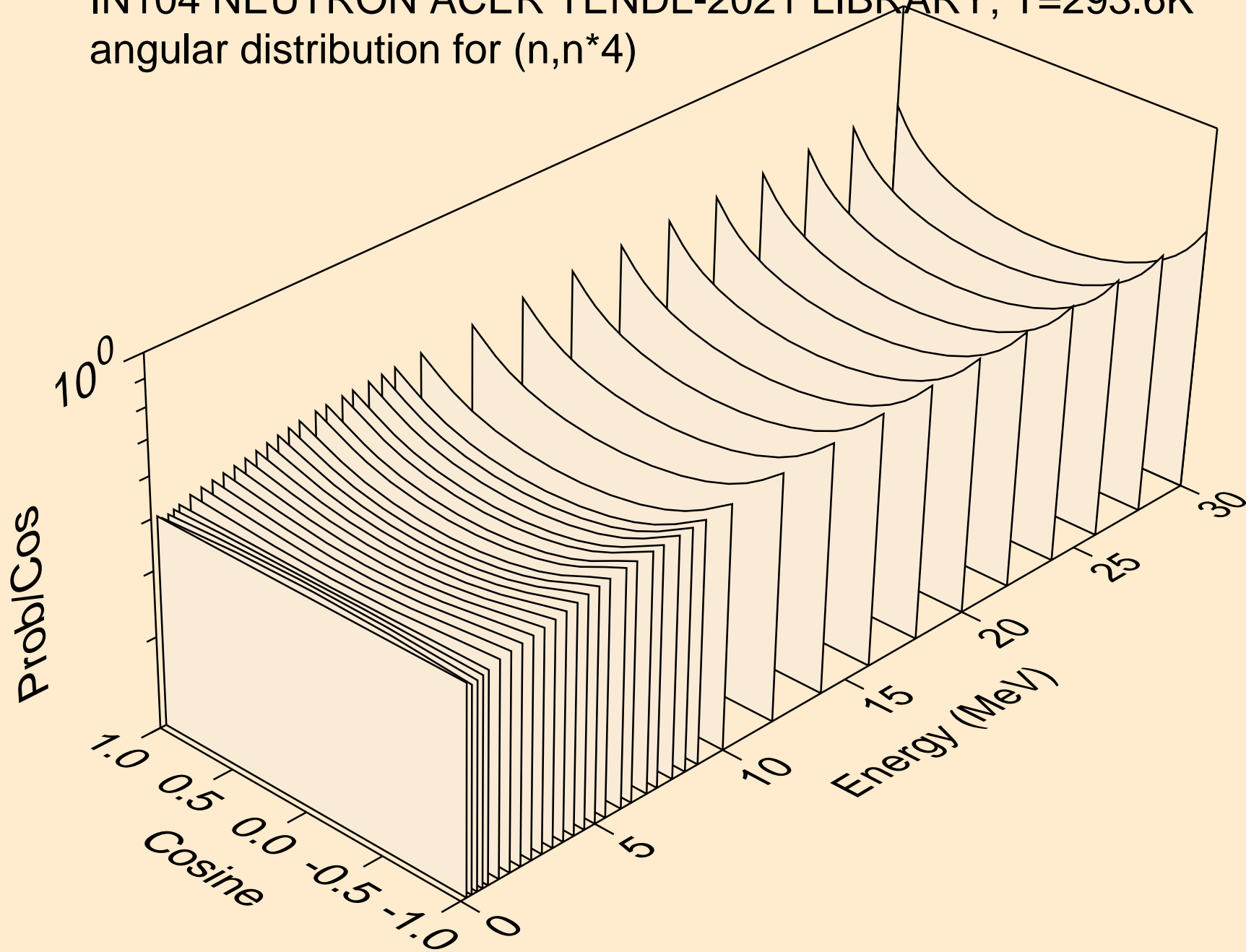
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



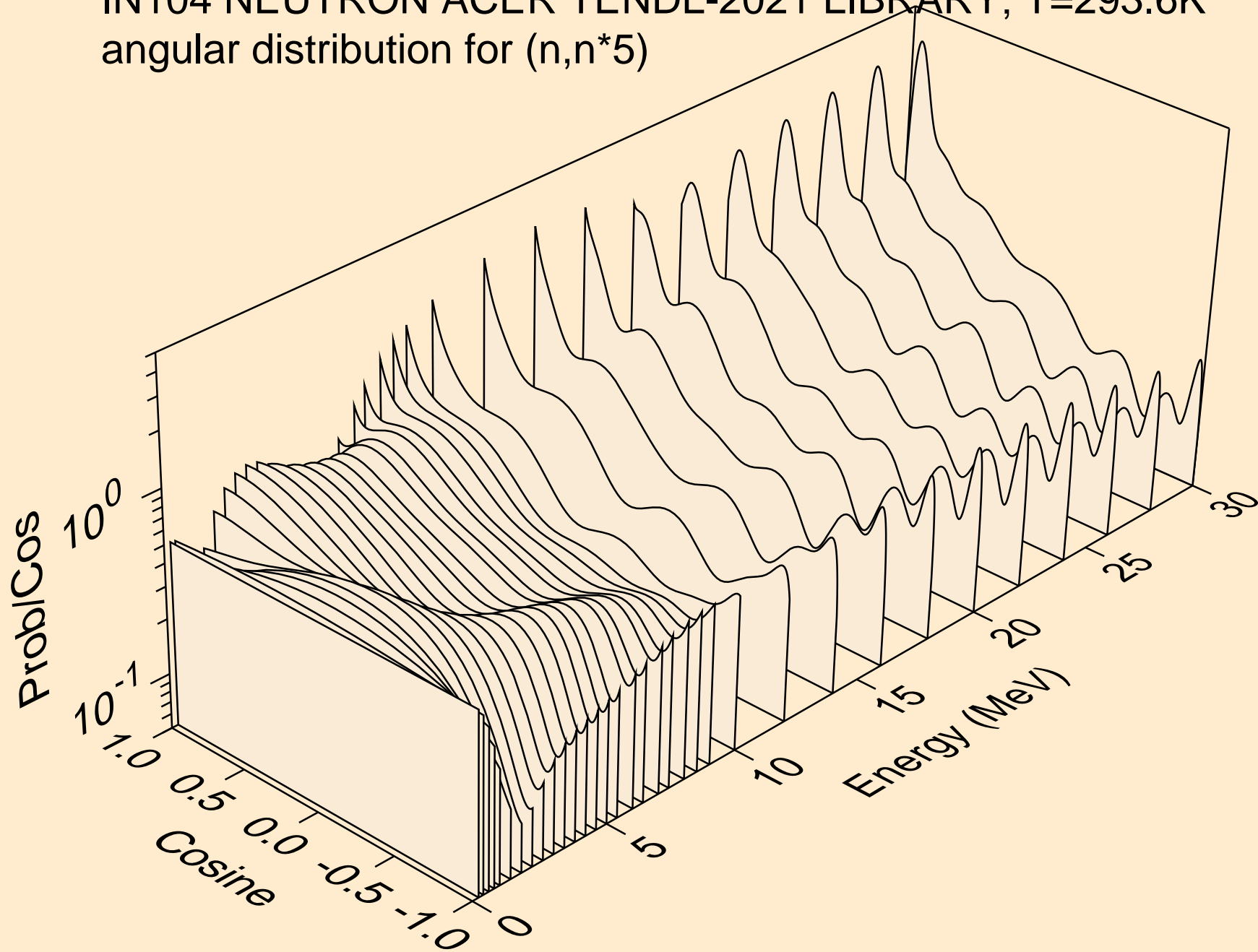
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



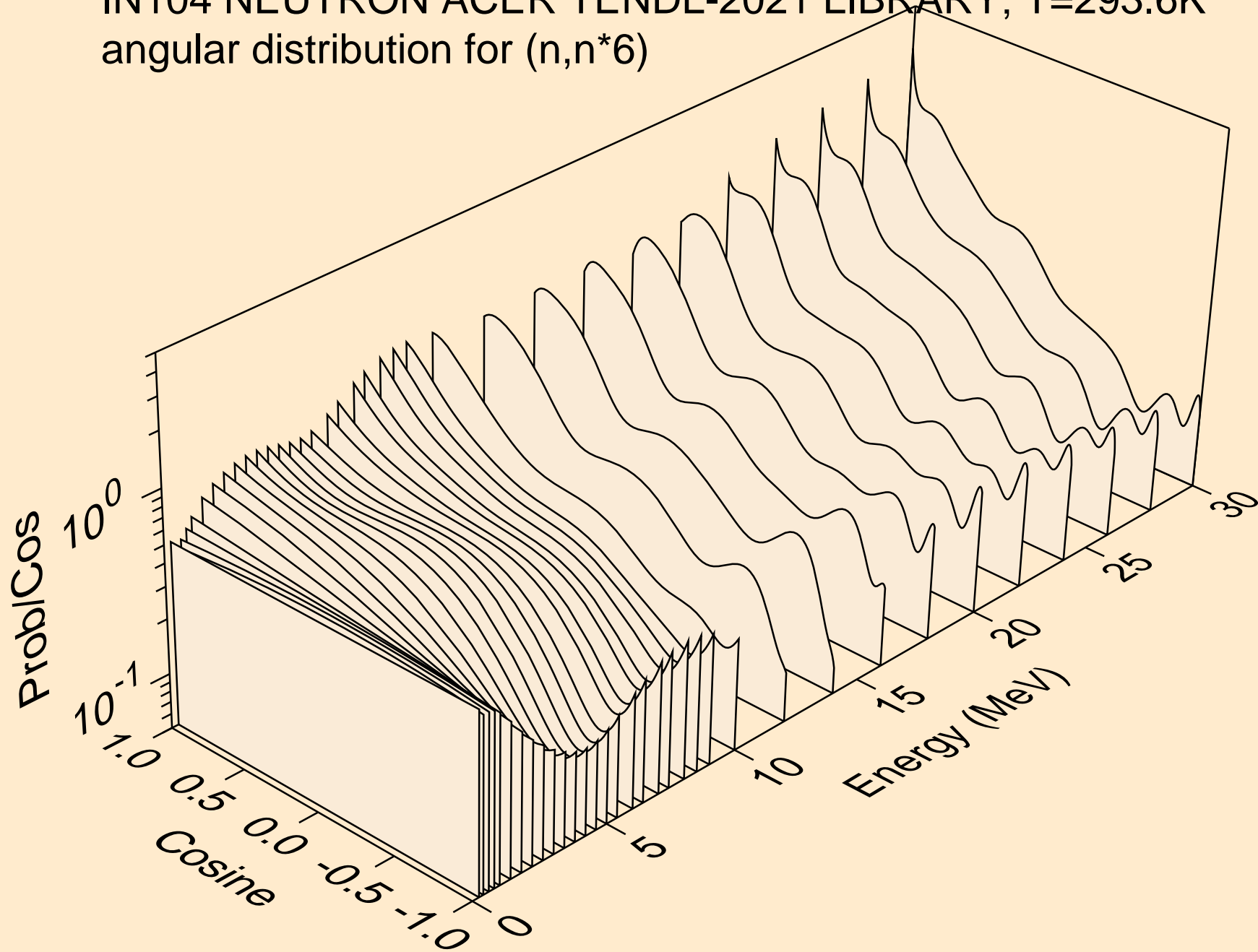
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



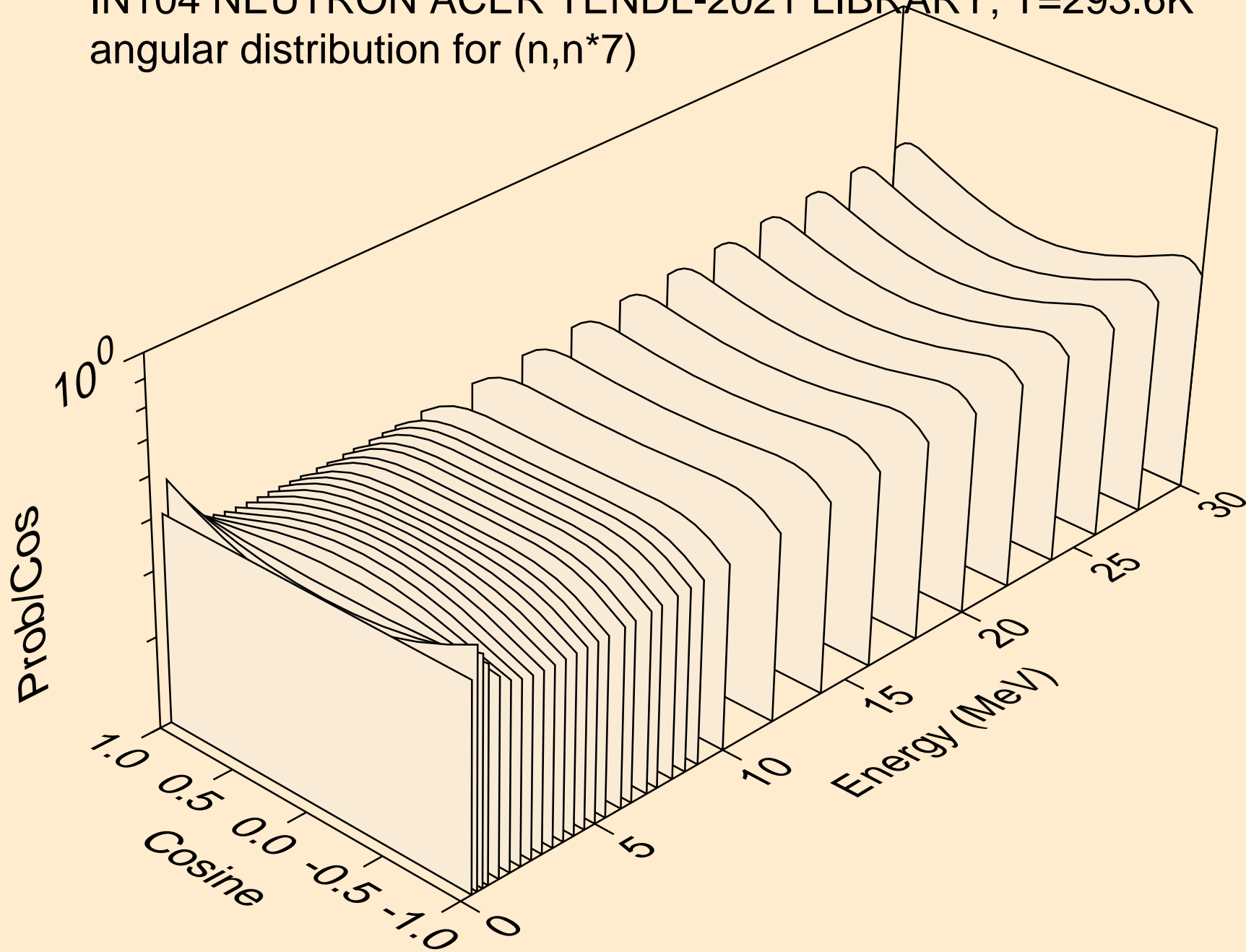
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



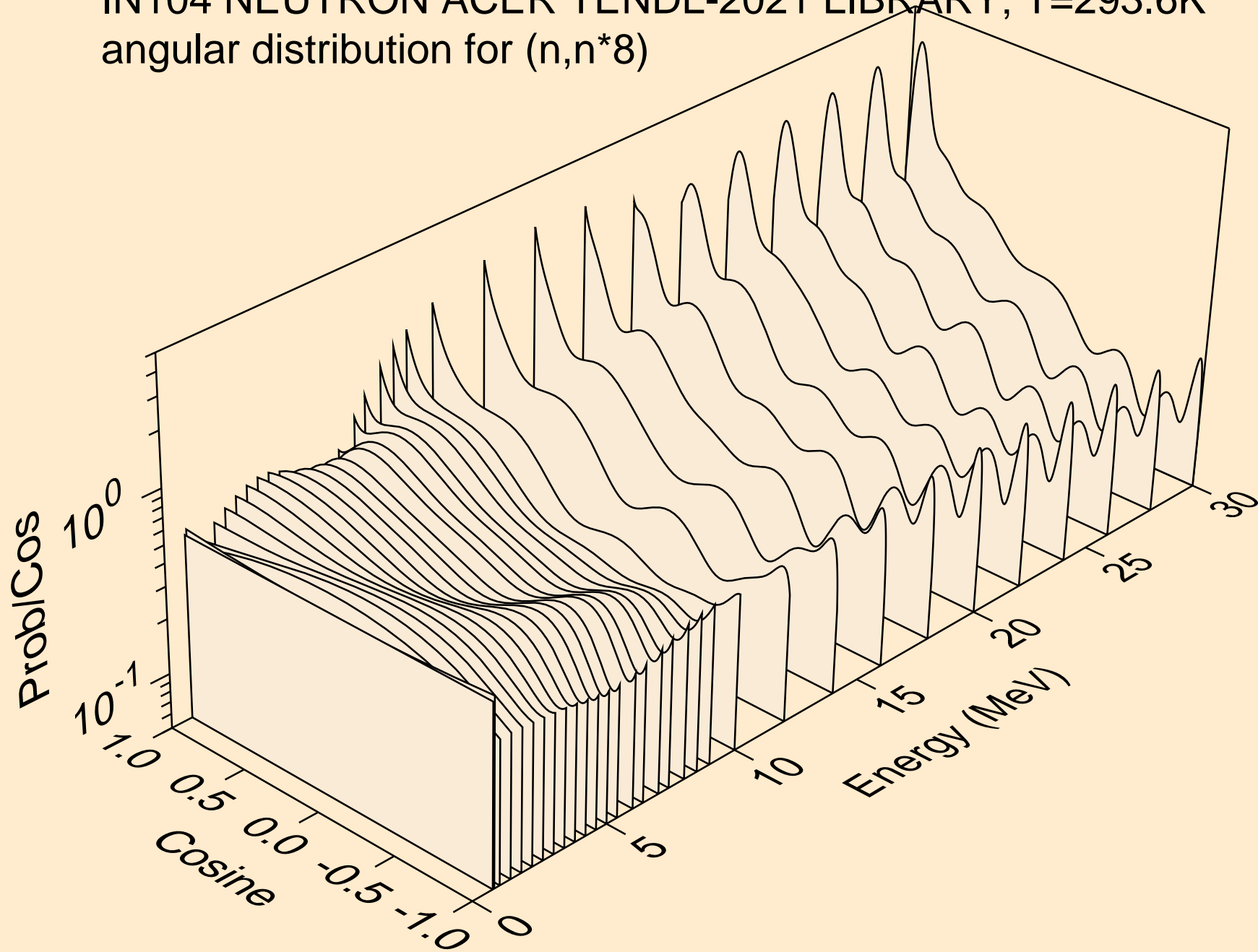
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

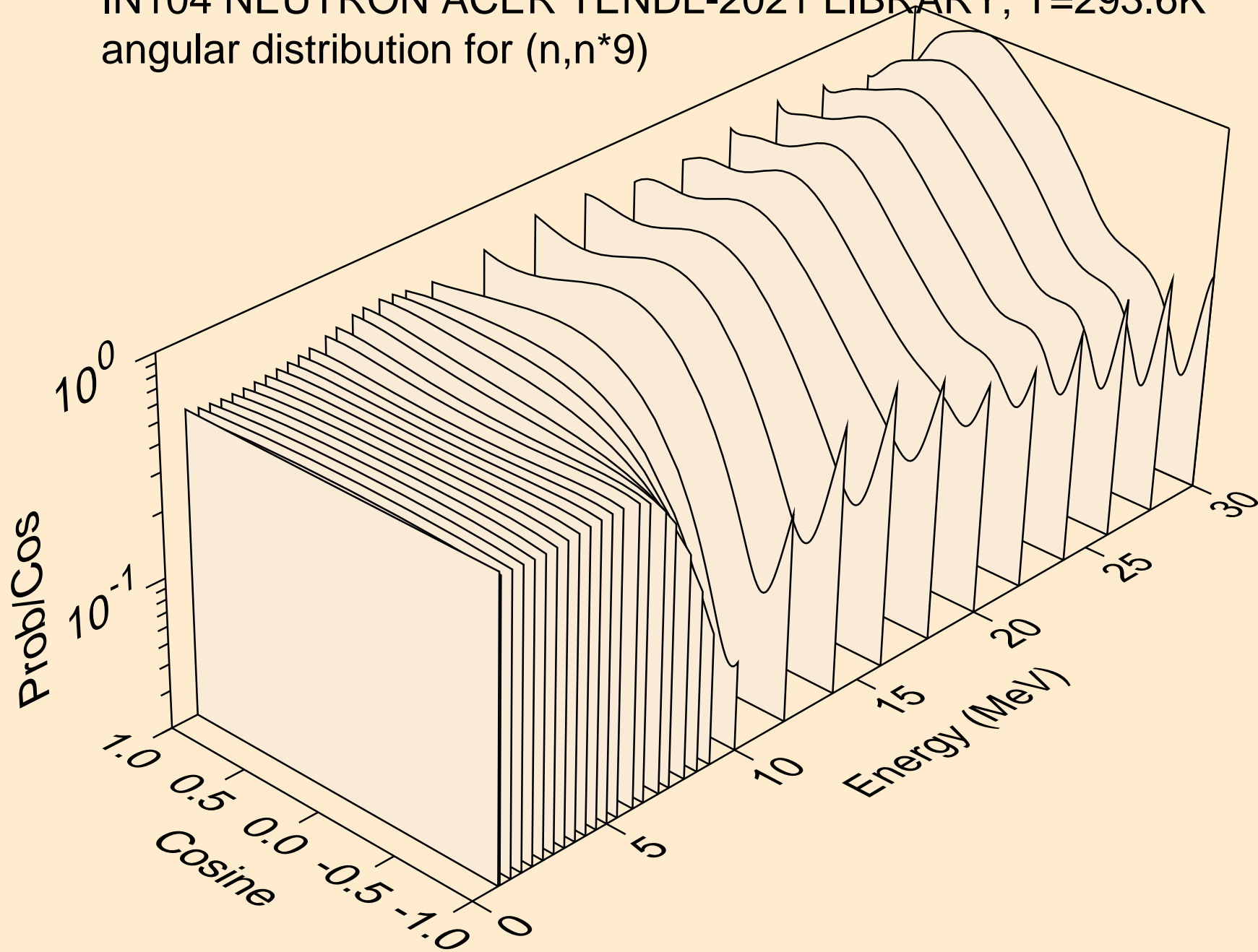


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

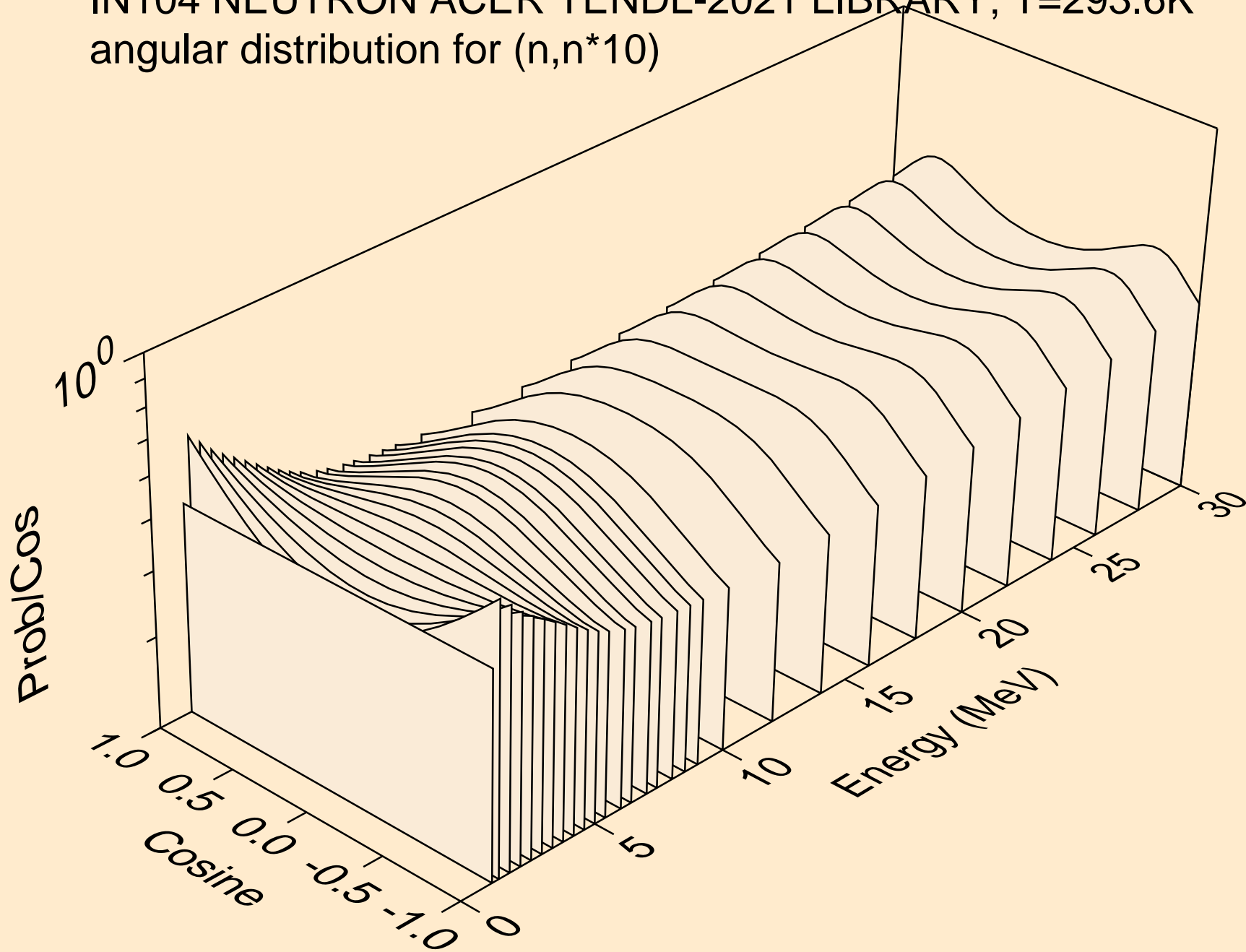




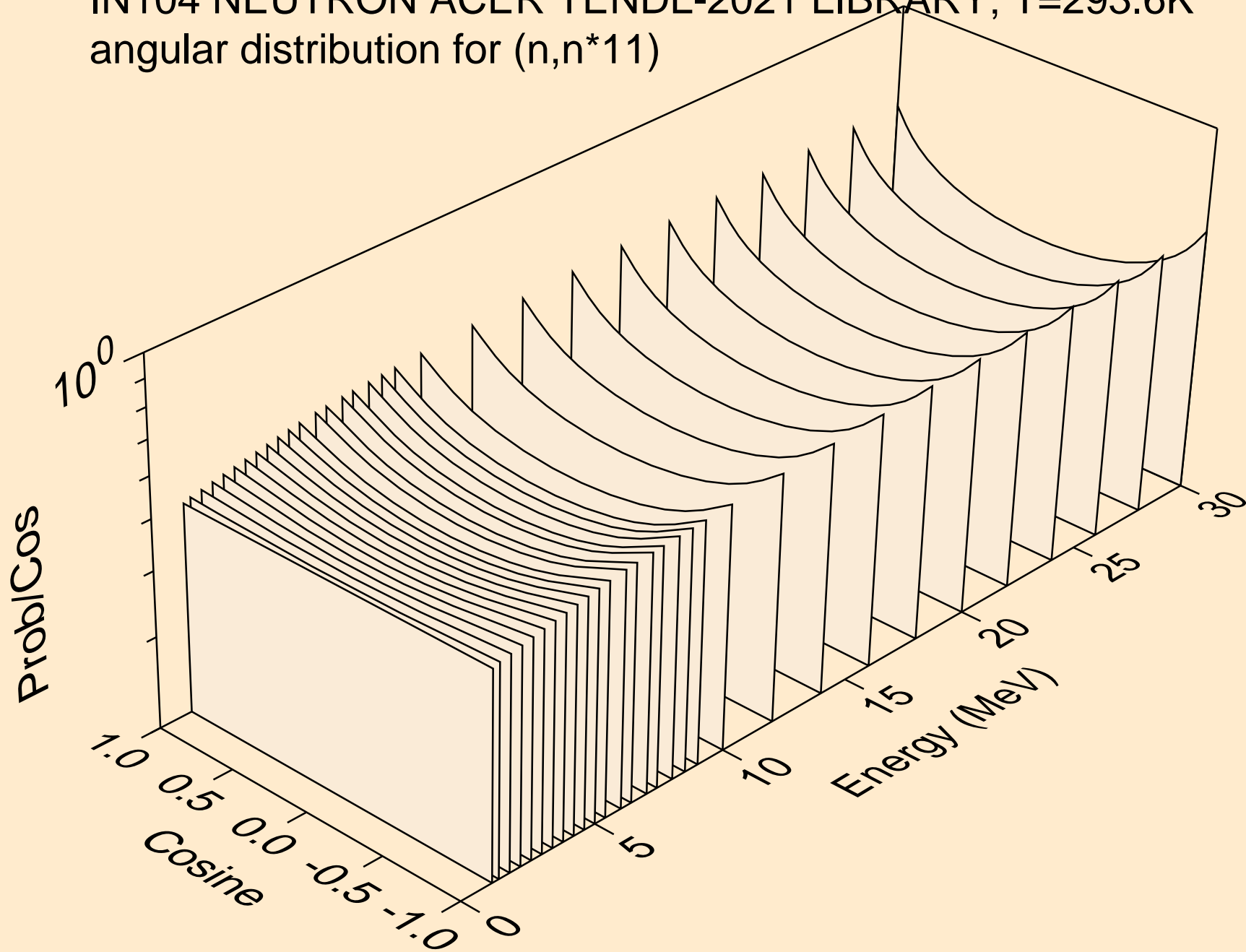
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angular distribution for (n,n\*9)



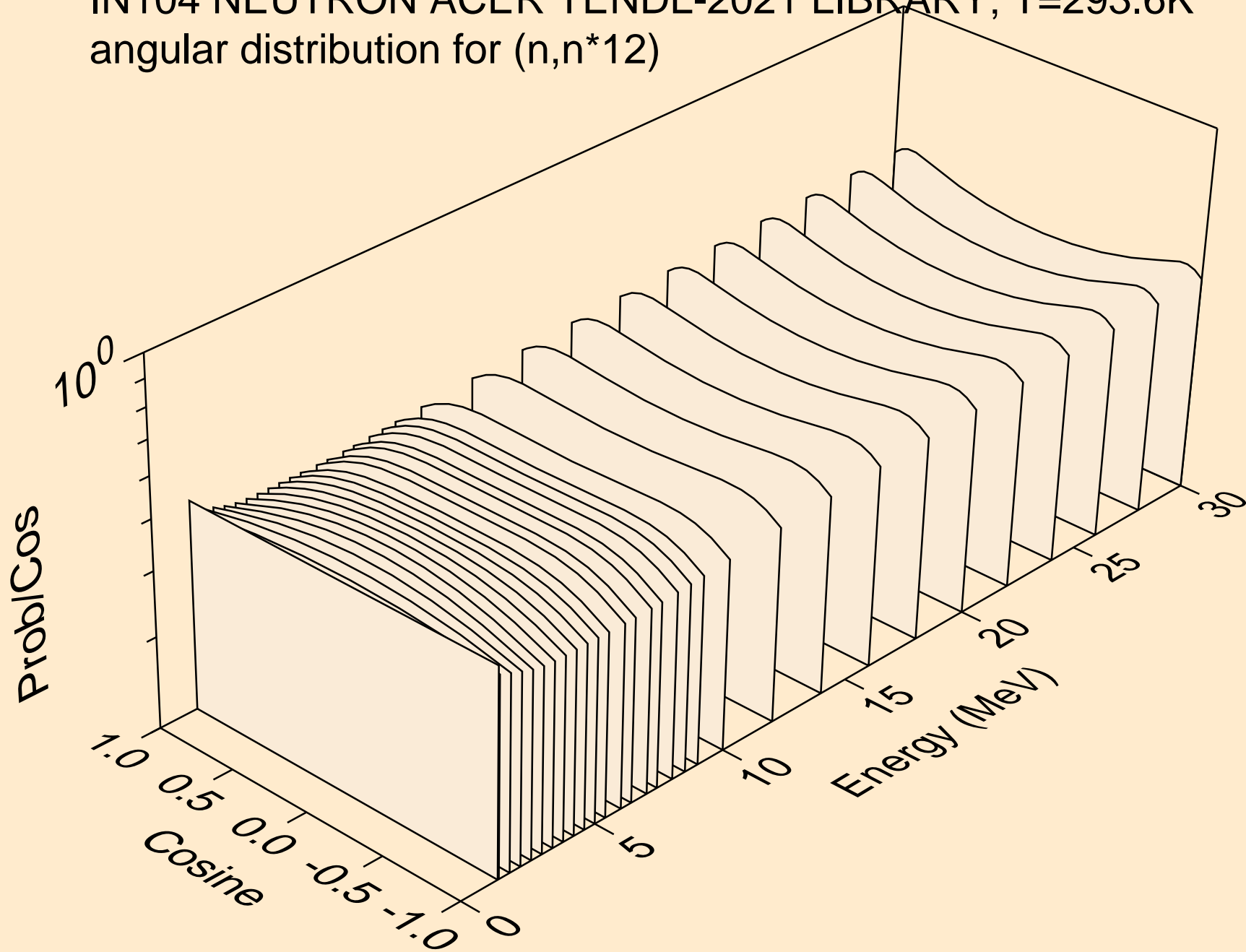
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



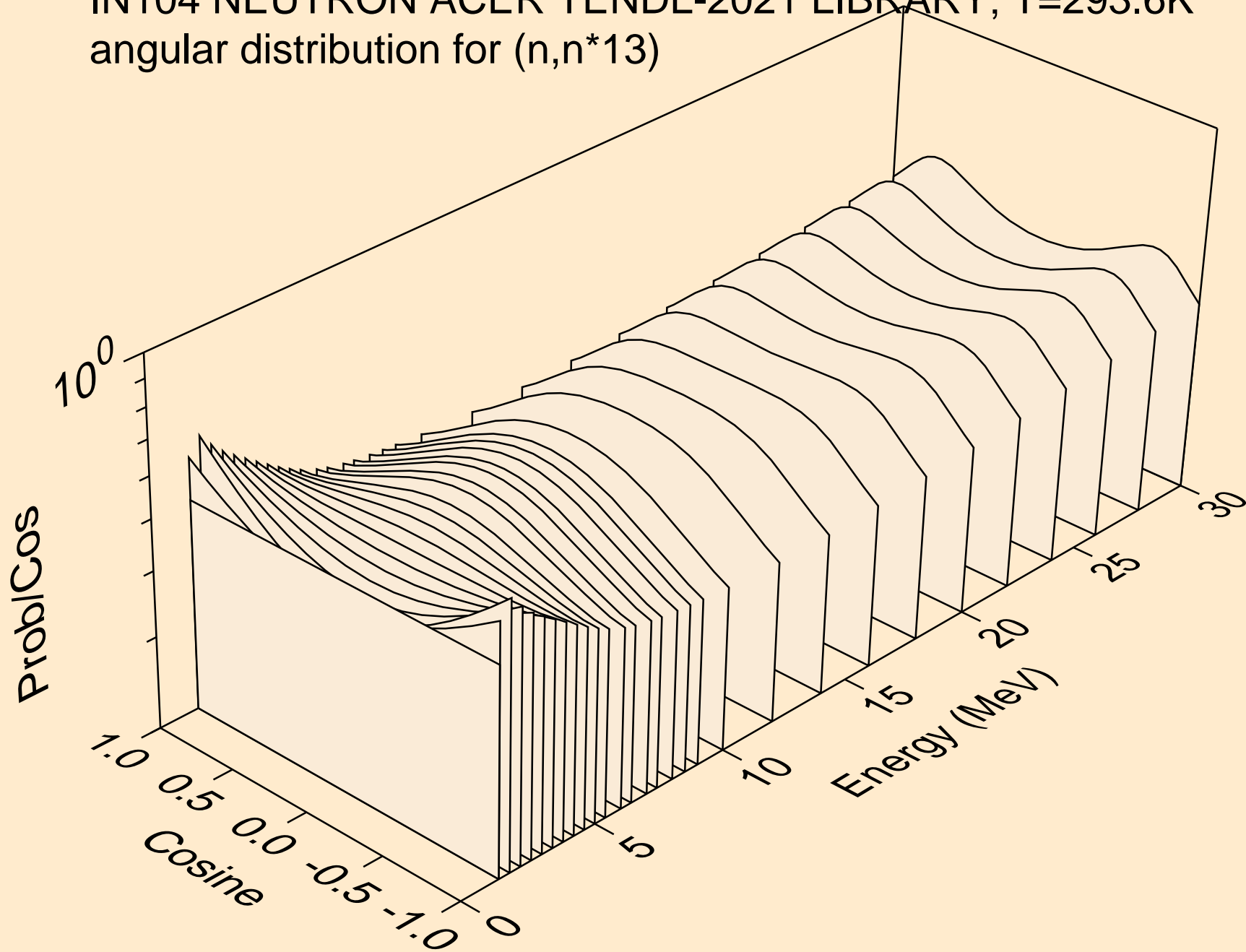
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angular distribution for (n,n\*11)



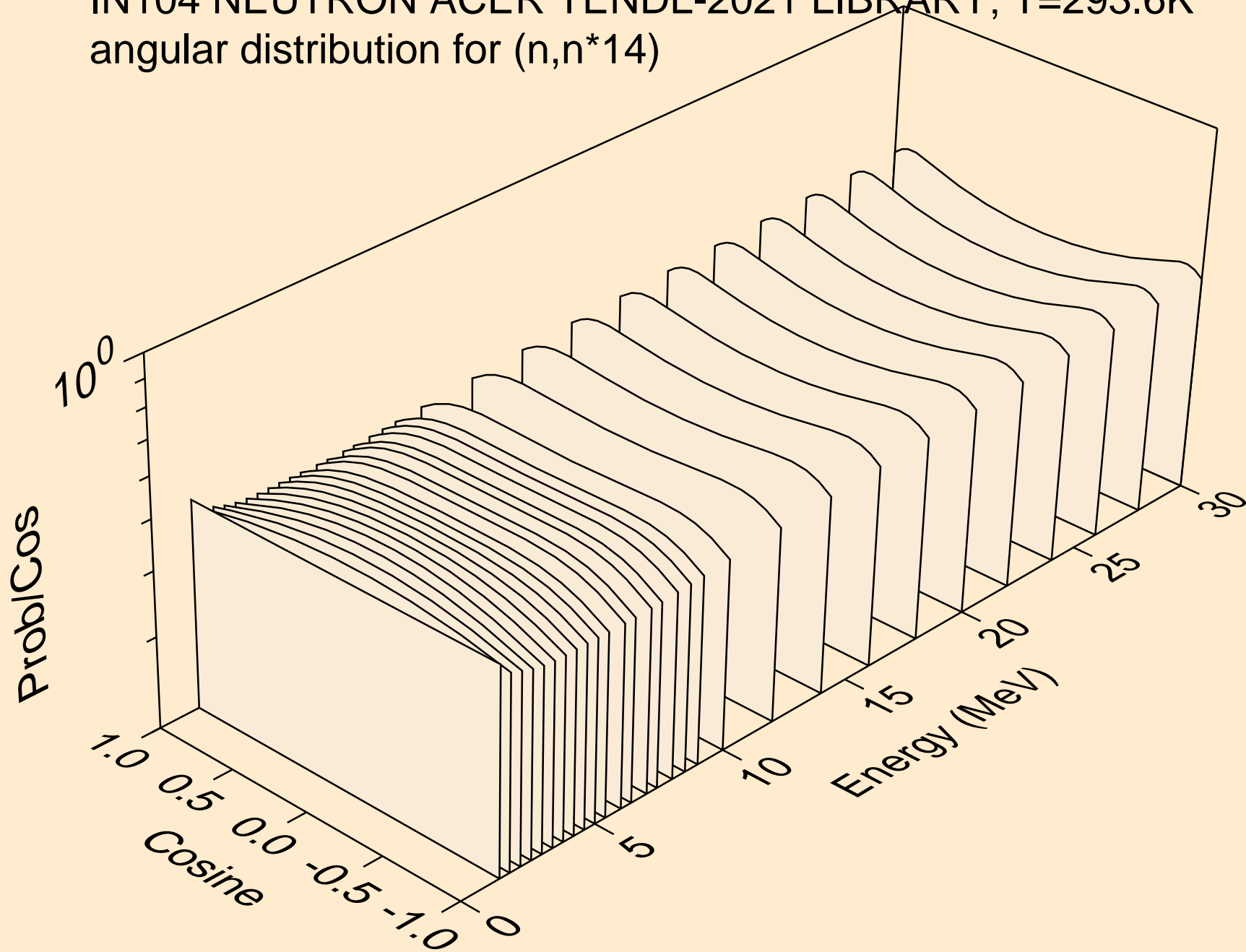
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



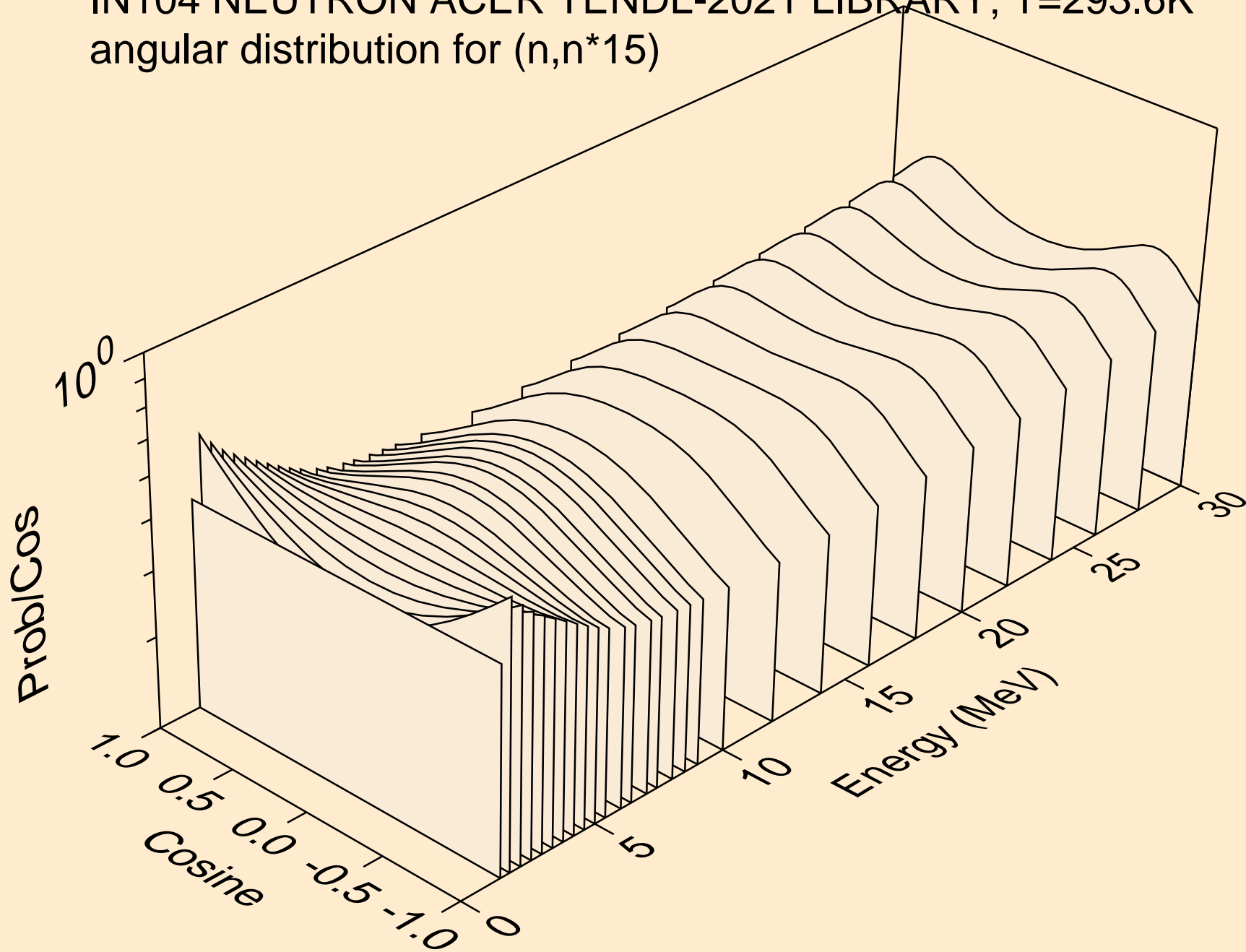
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angular distribution for (n,n\*13)



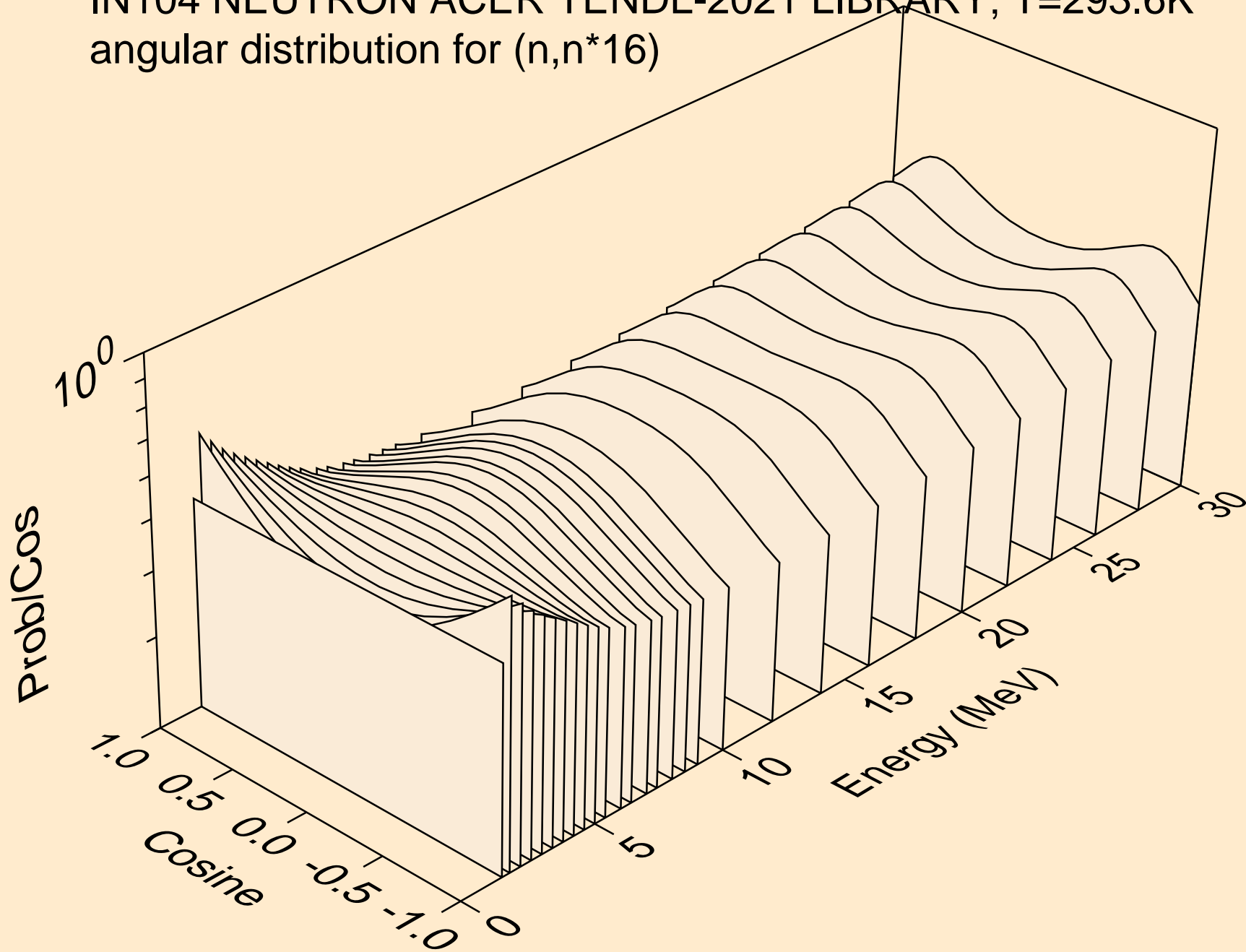
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

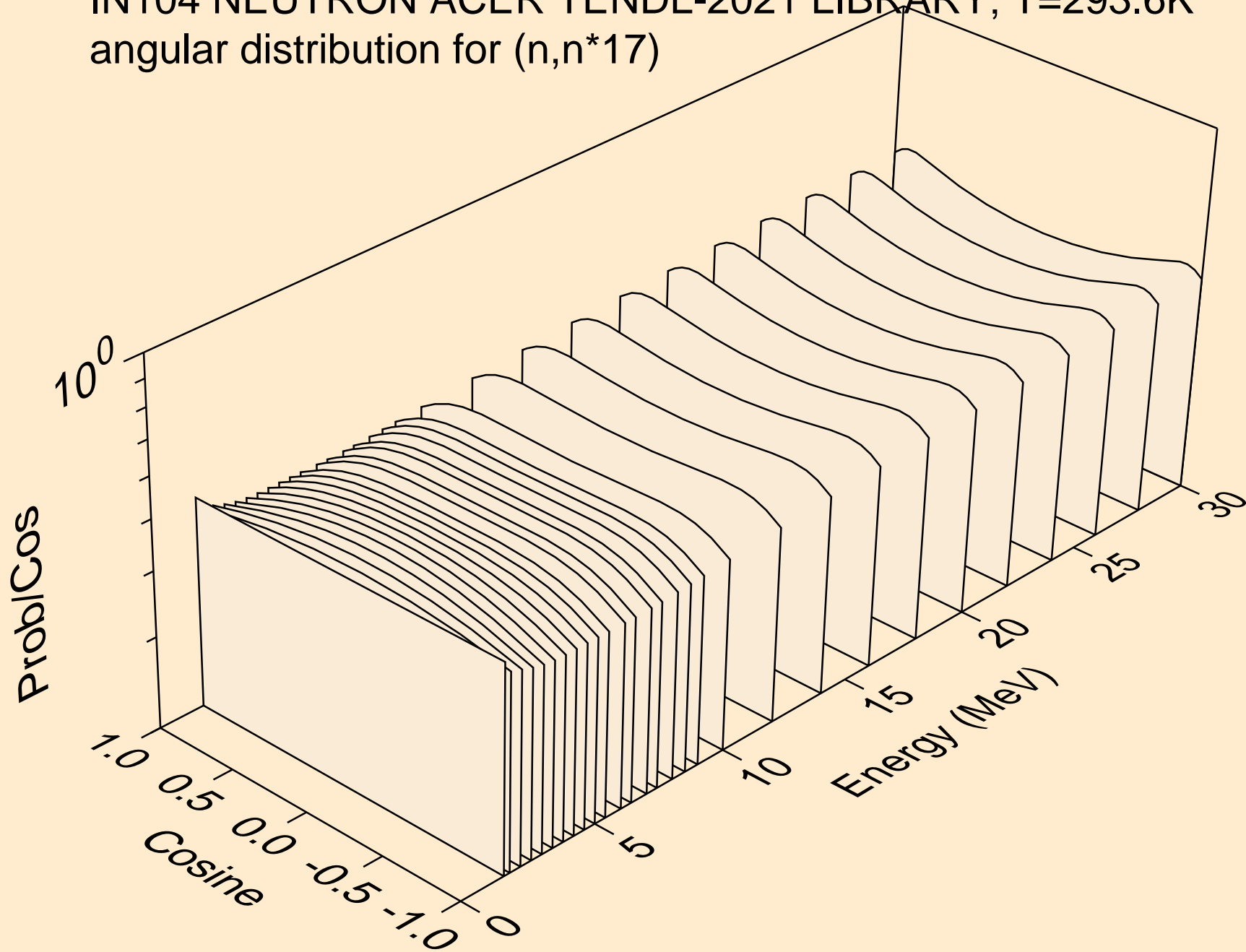


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

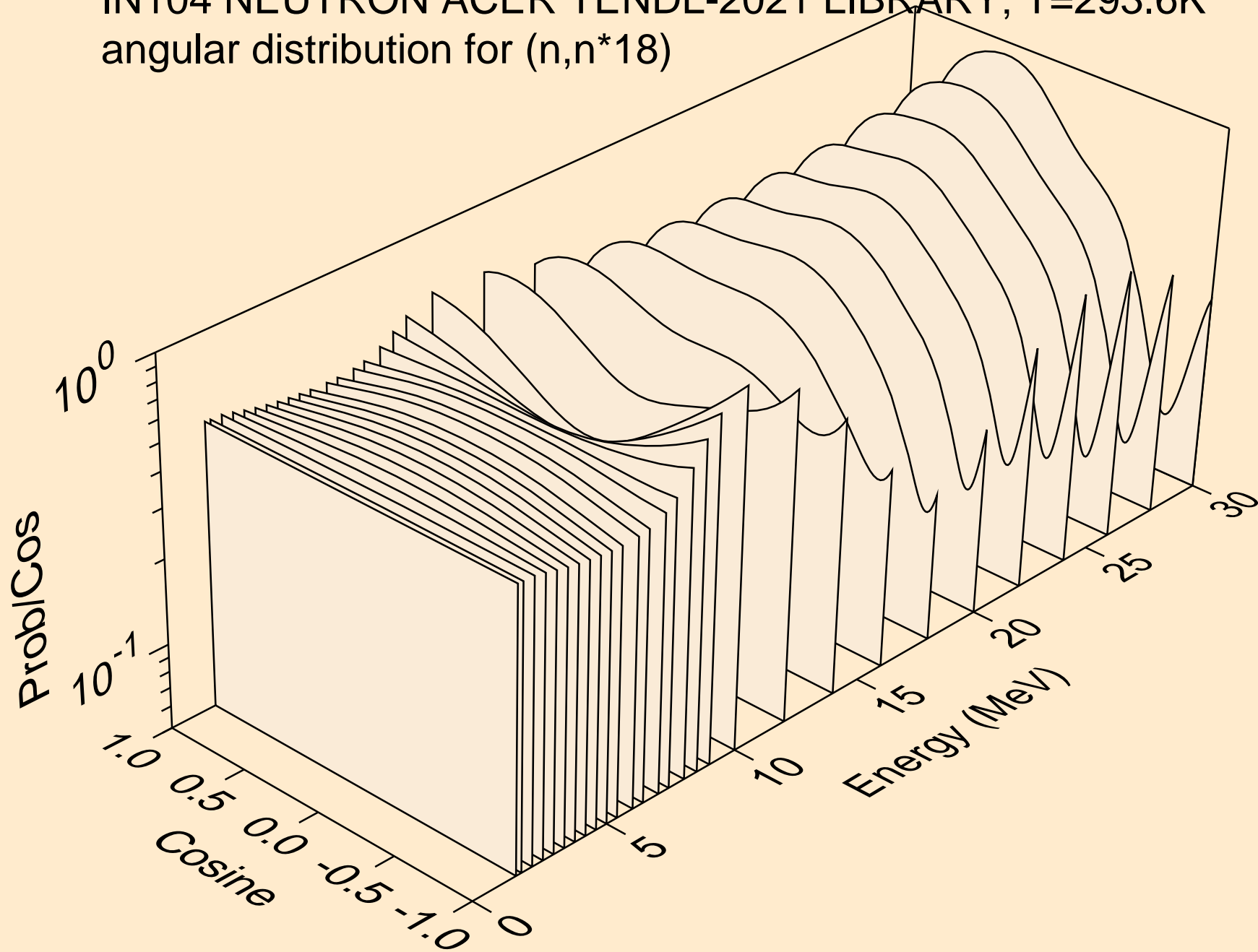




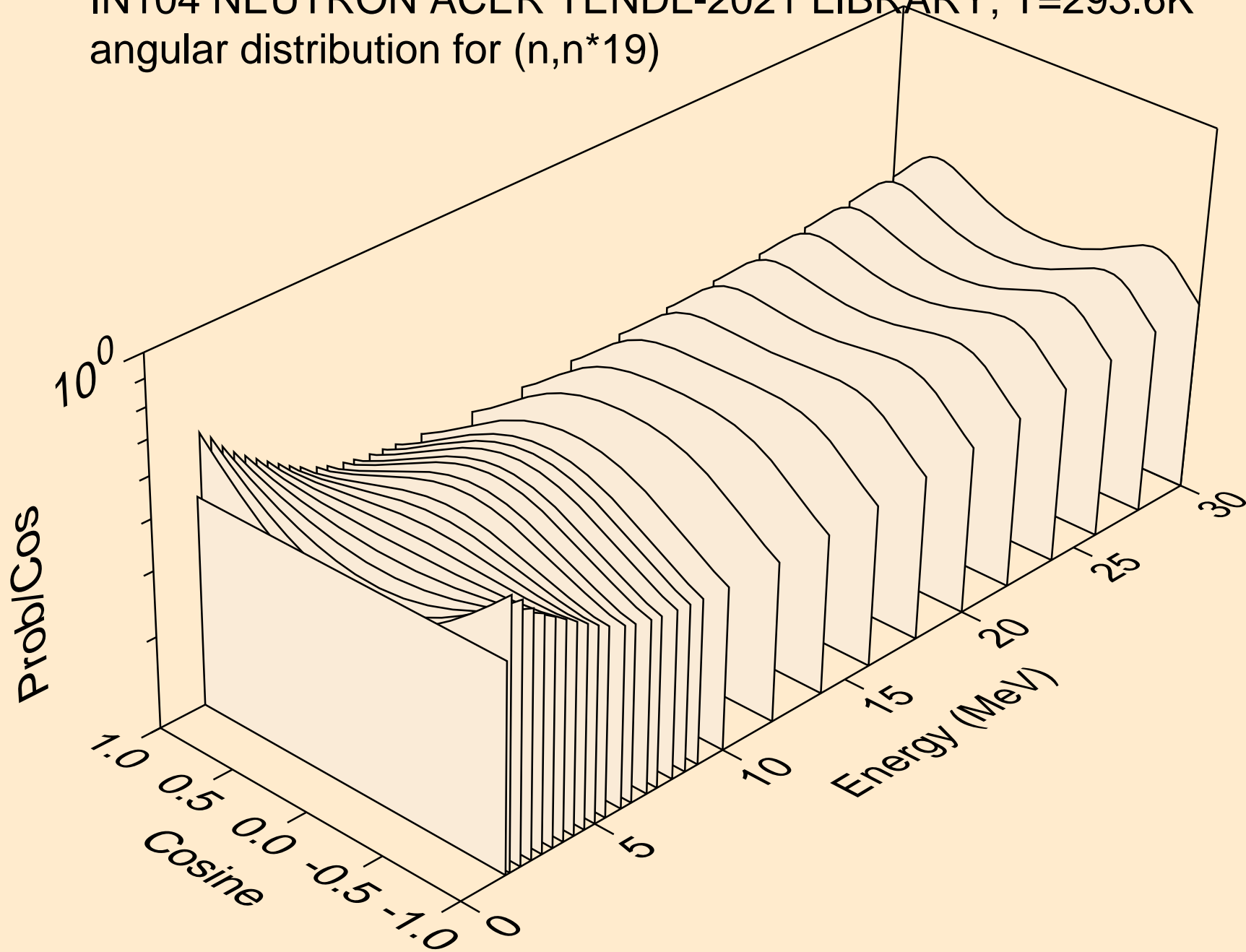
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angular distribution for (n,n\*17)



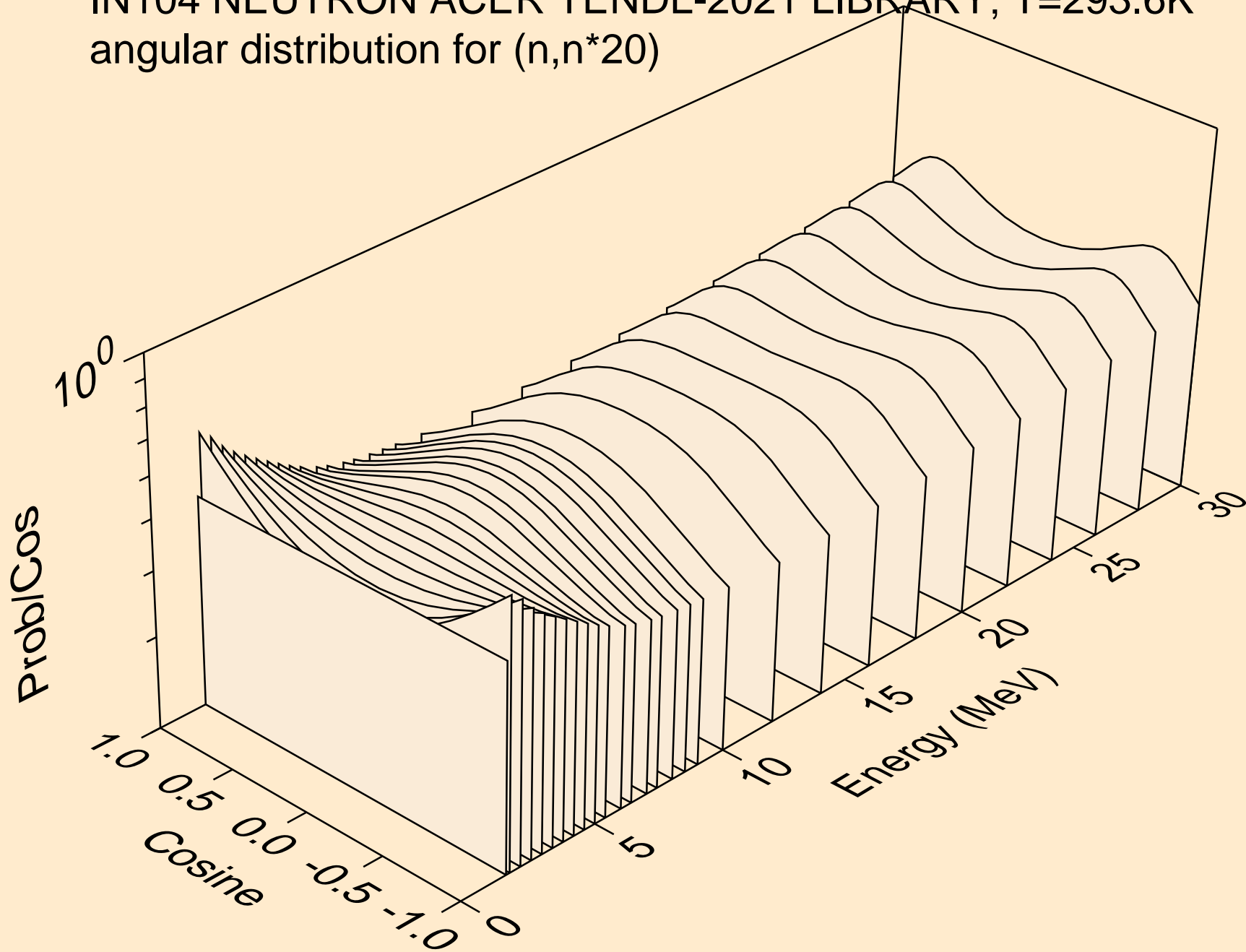
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angular distribution for (n,n\*18)



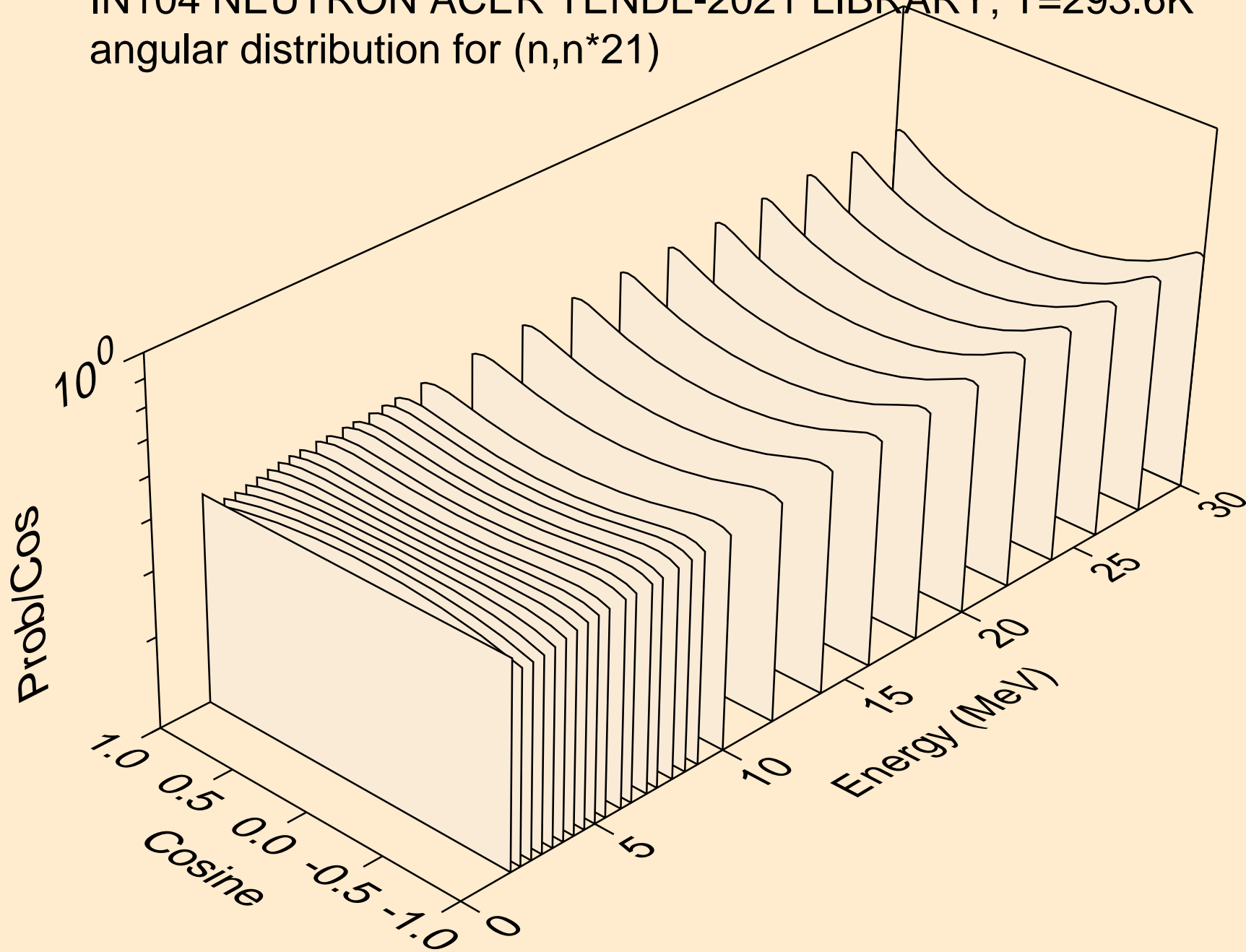
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angular distribution for (n,n\*19)



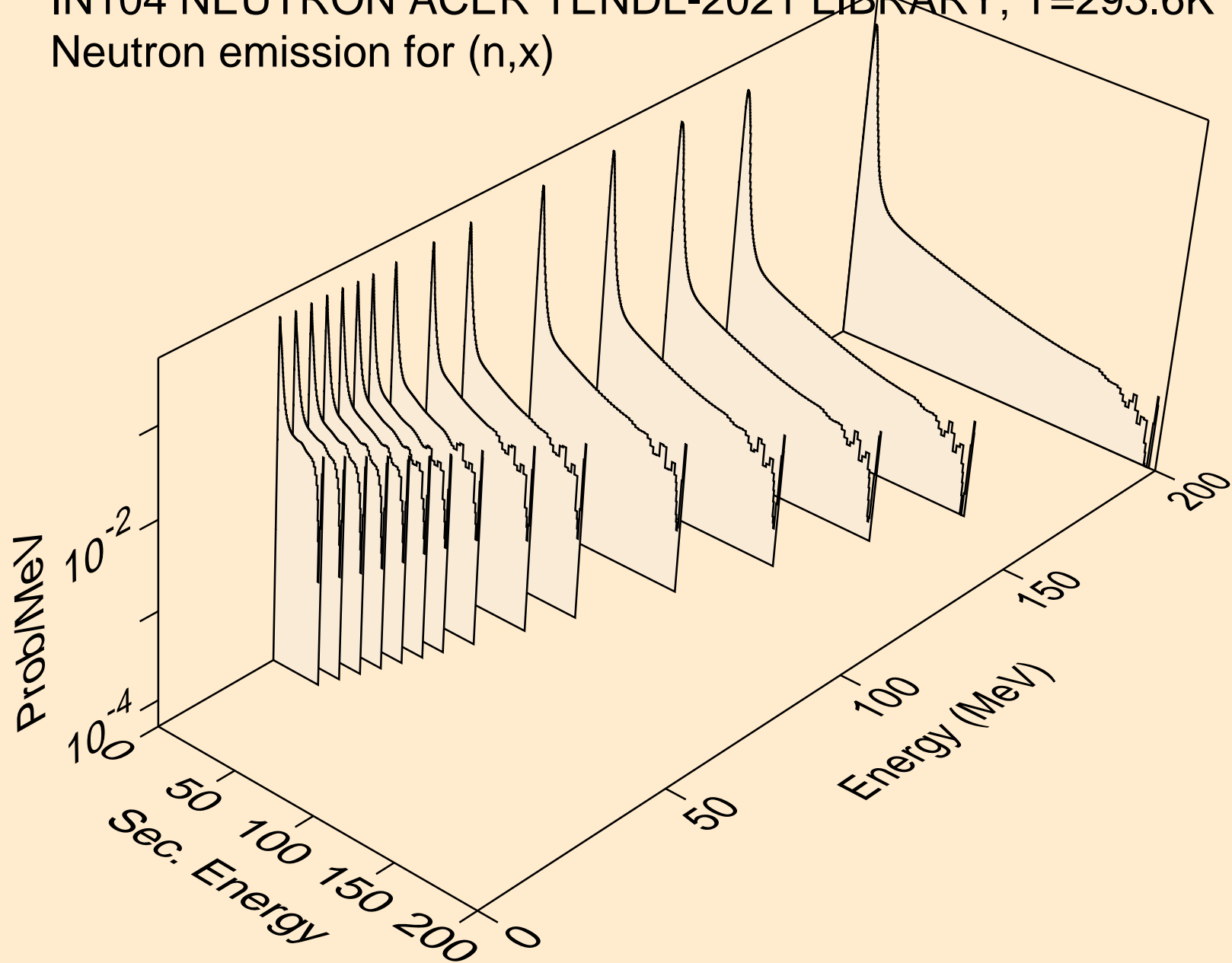
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angular distribution for (n,n\*20)



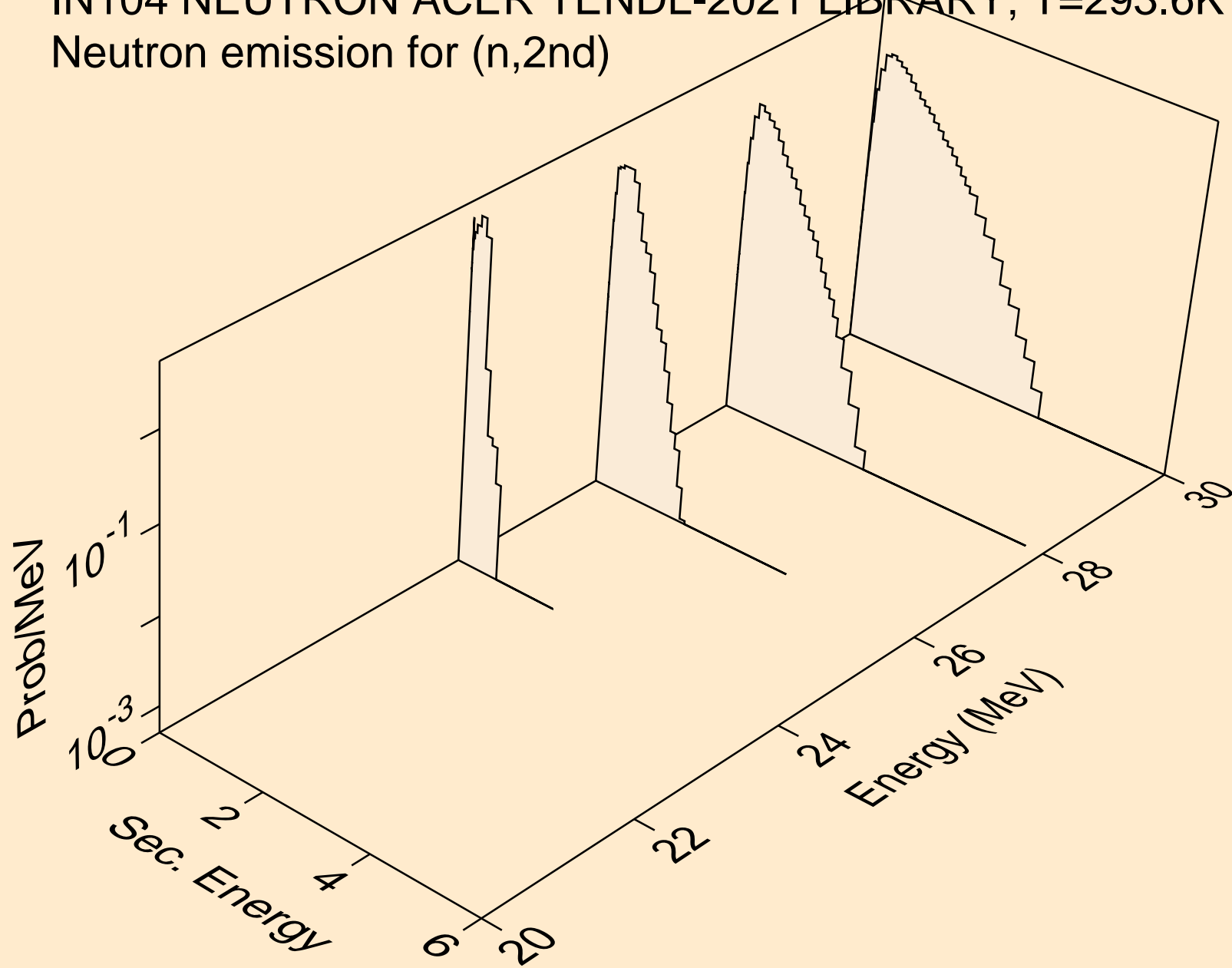
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angular distribution for (n,n\*21)



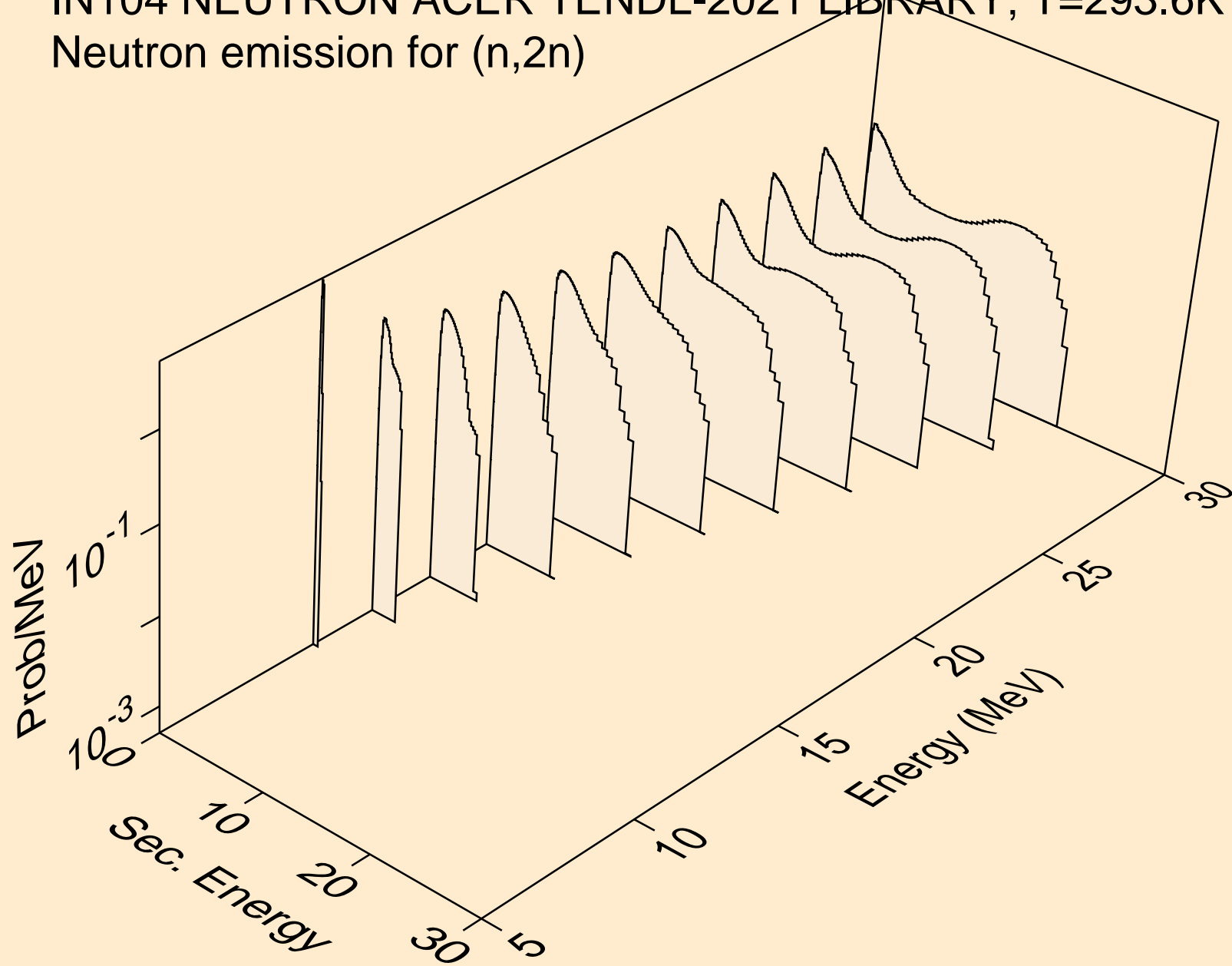
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

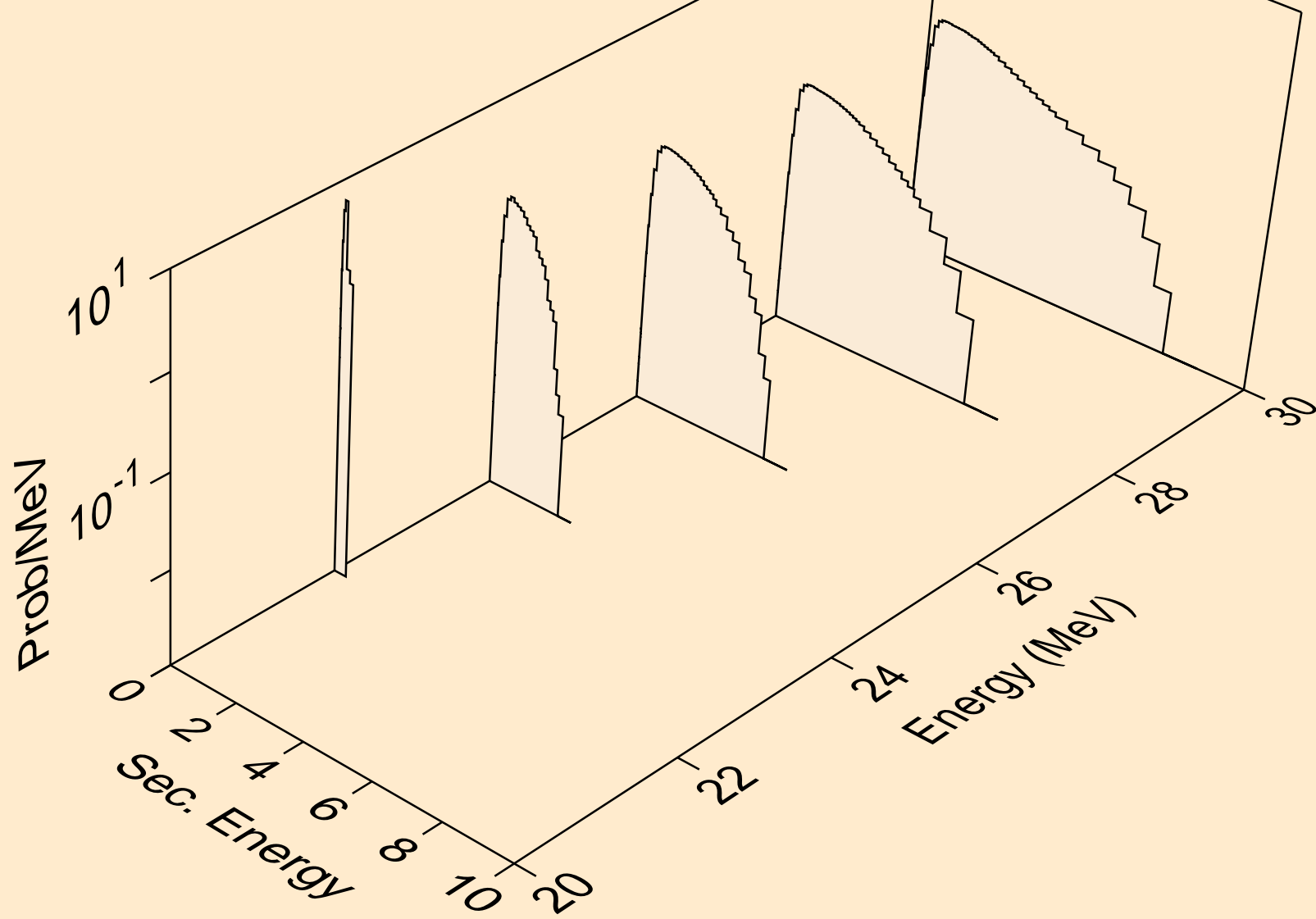


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

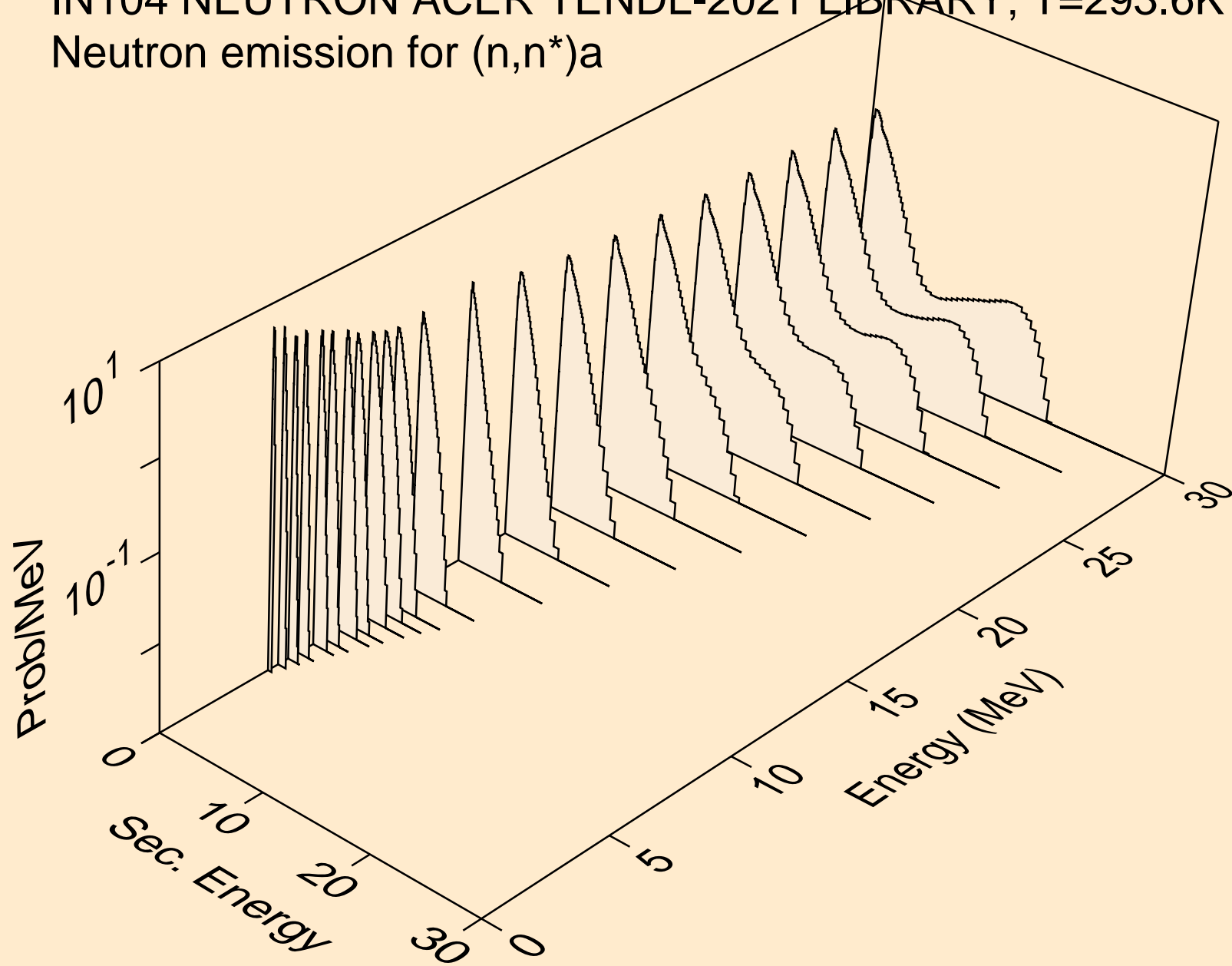




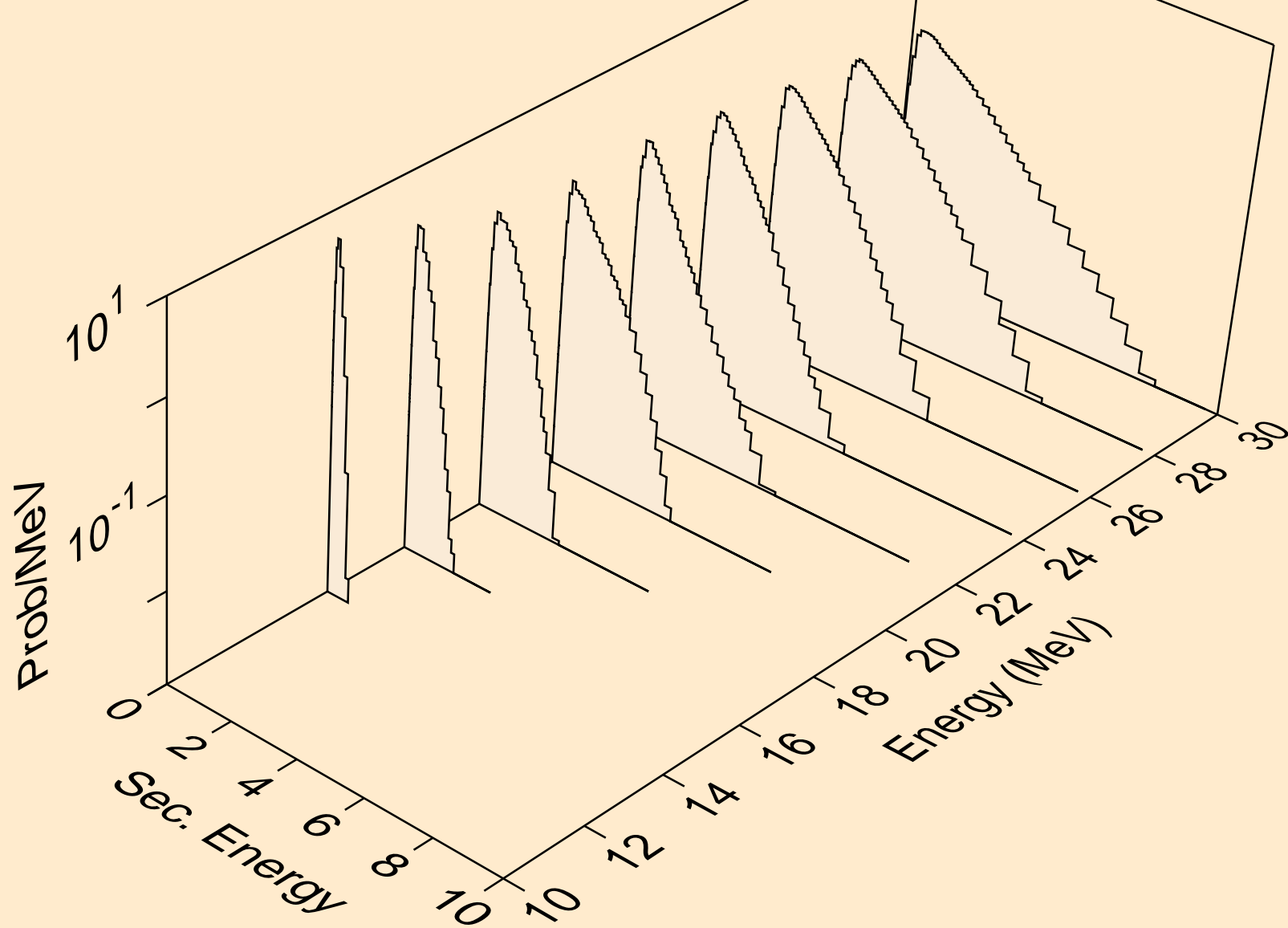
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



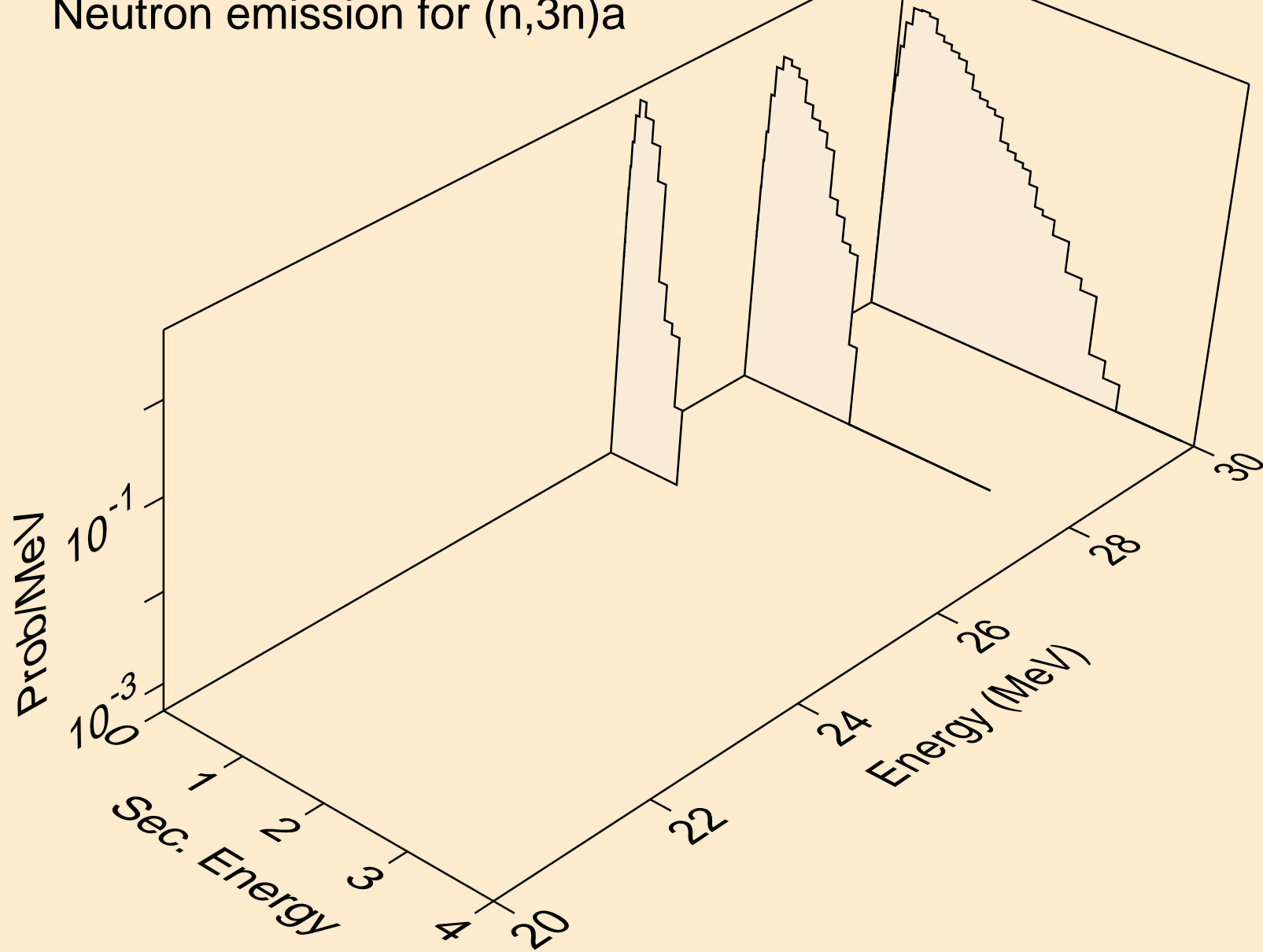
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



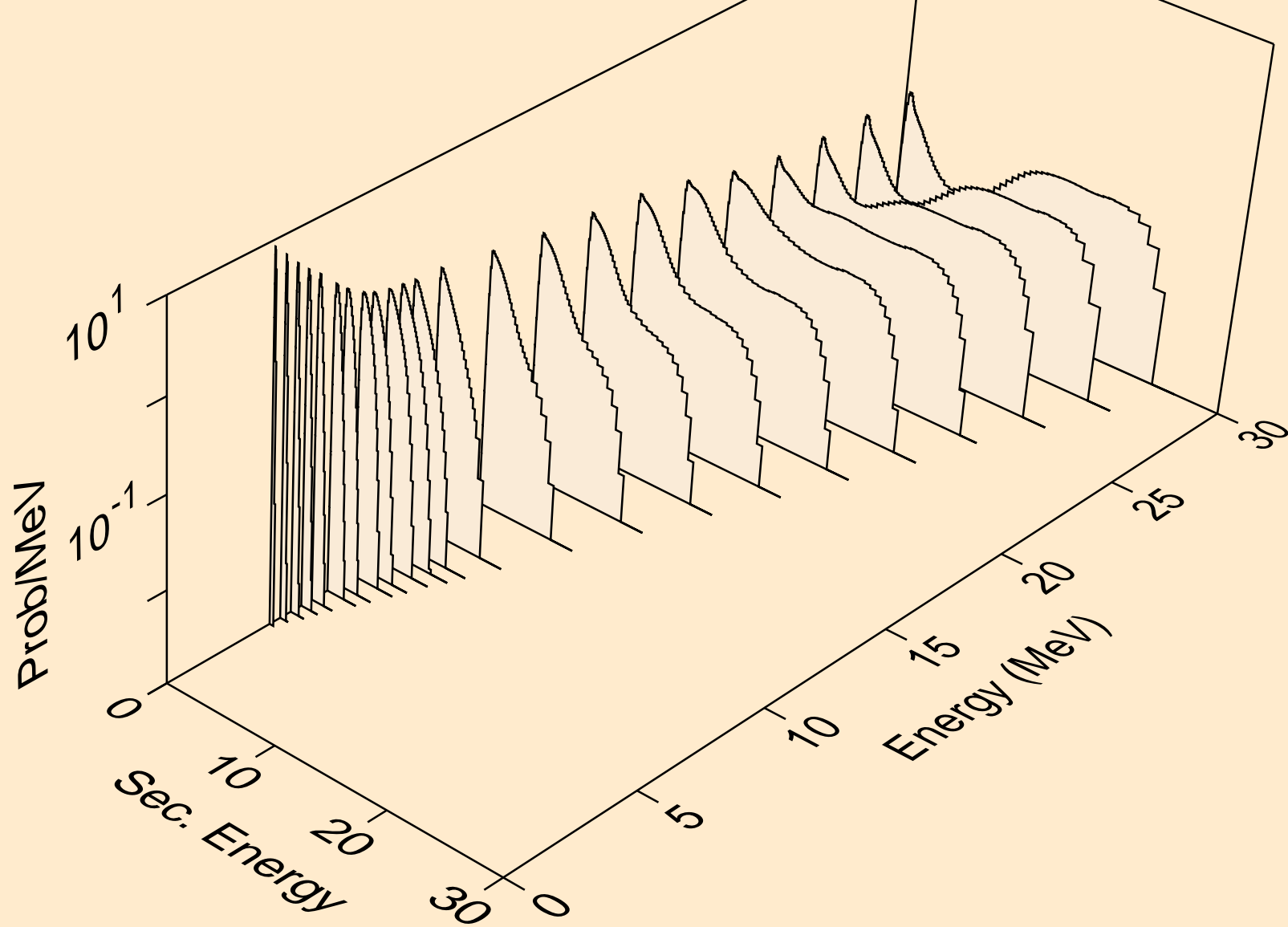
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



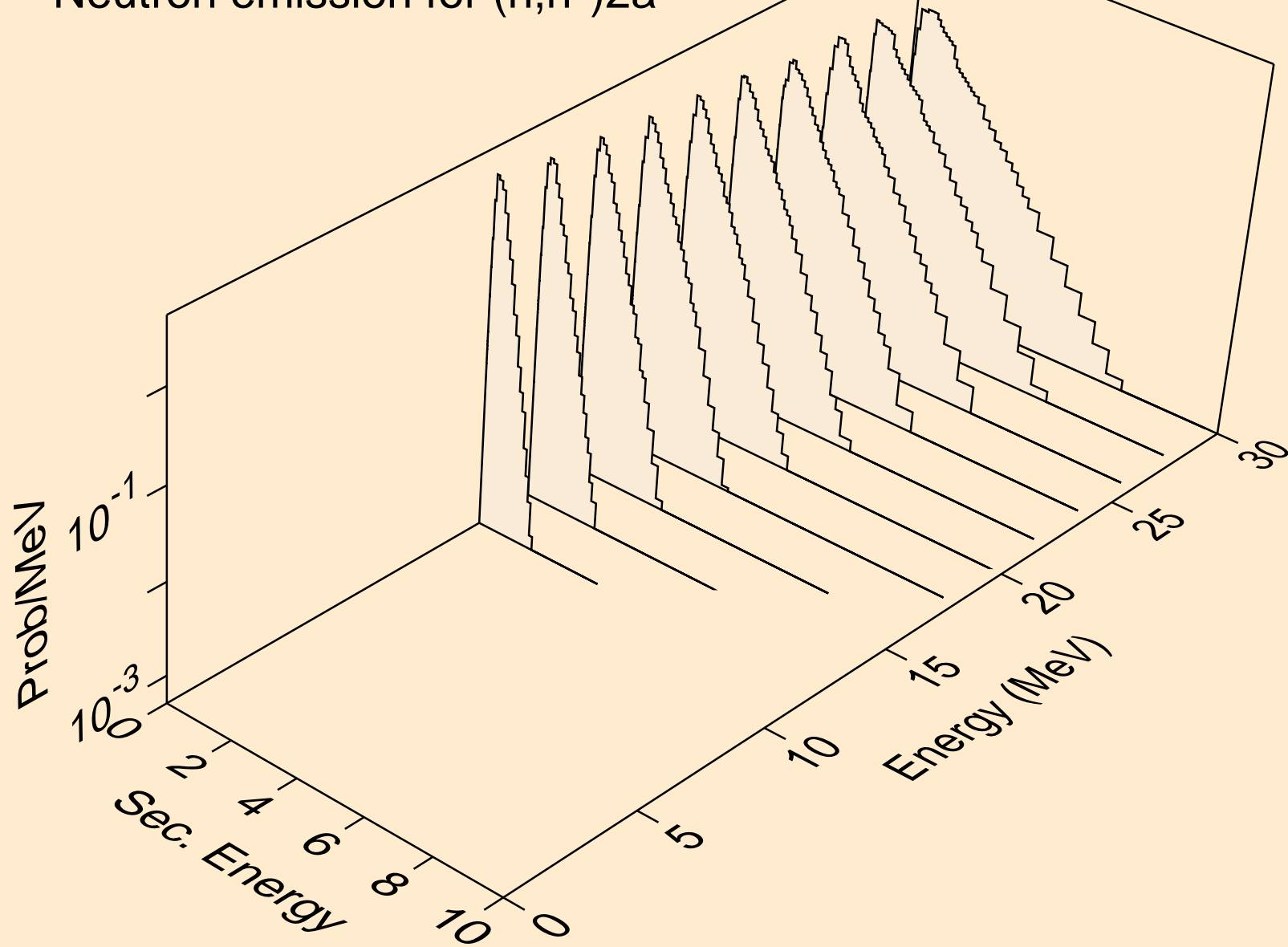
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



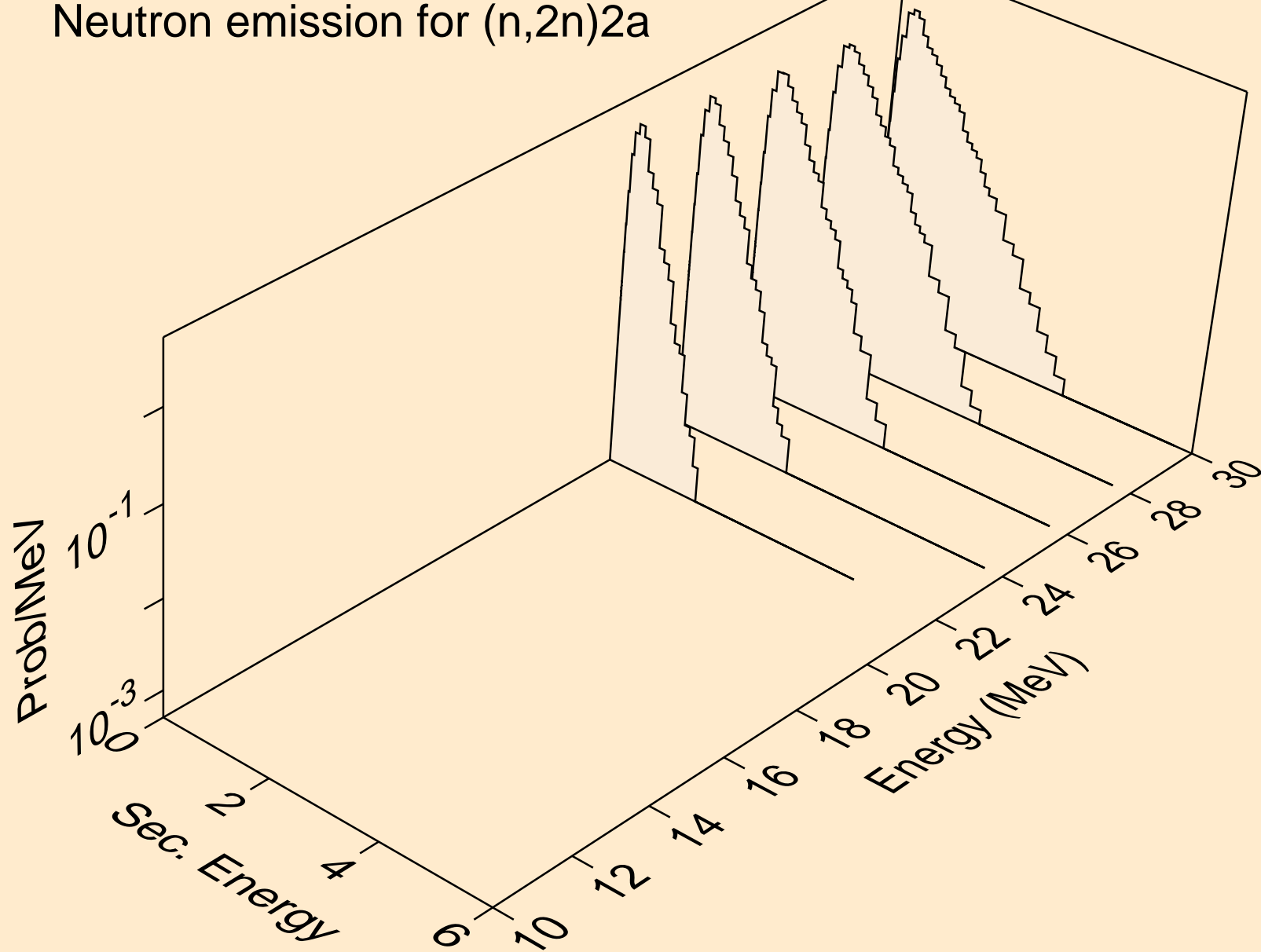
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



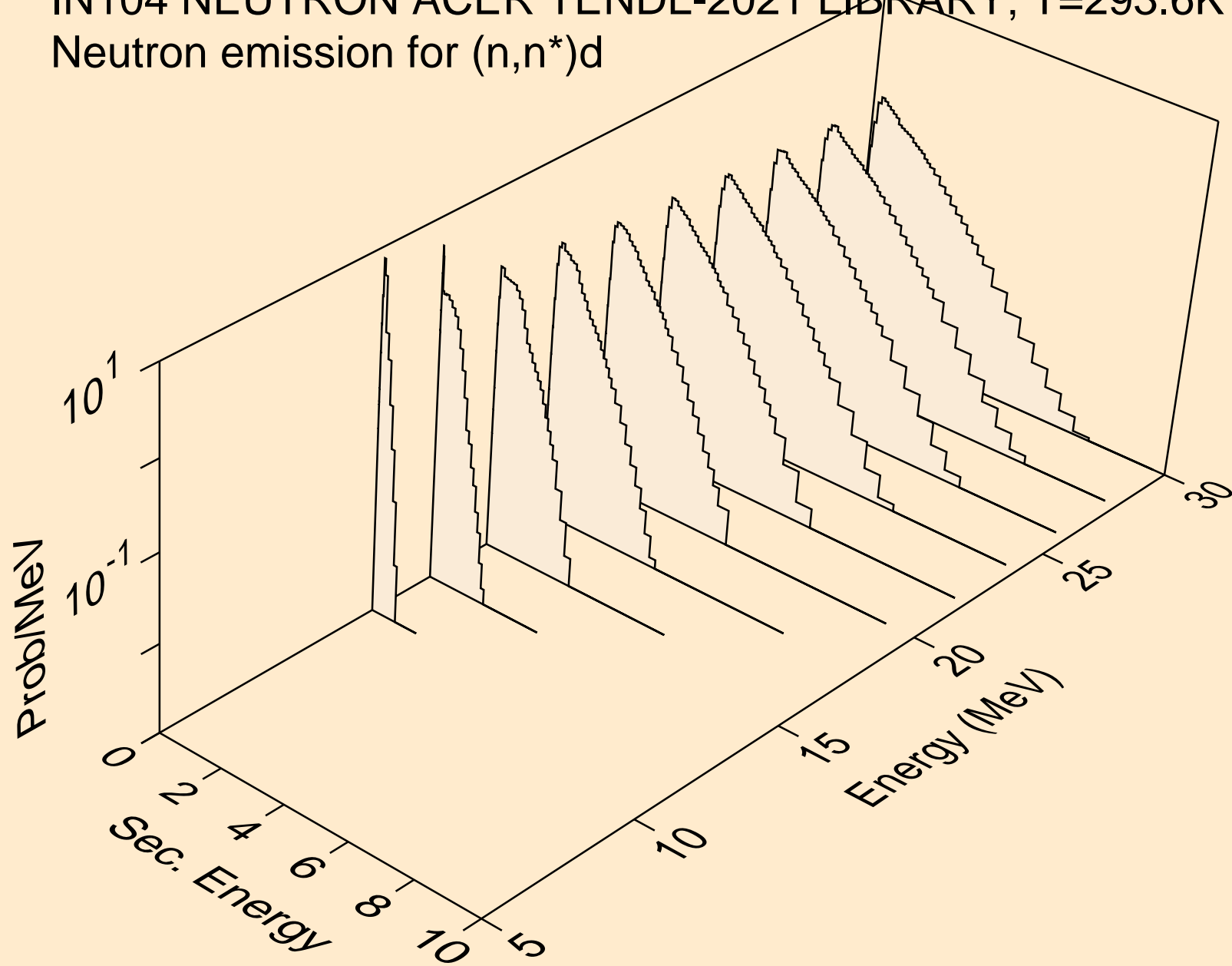
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

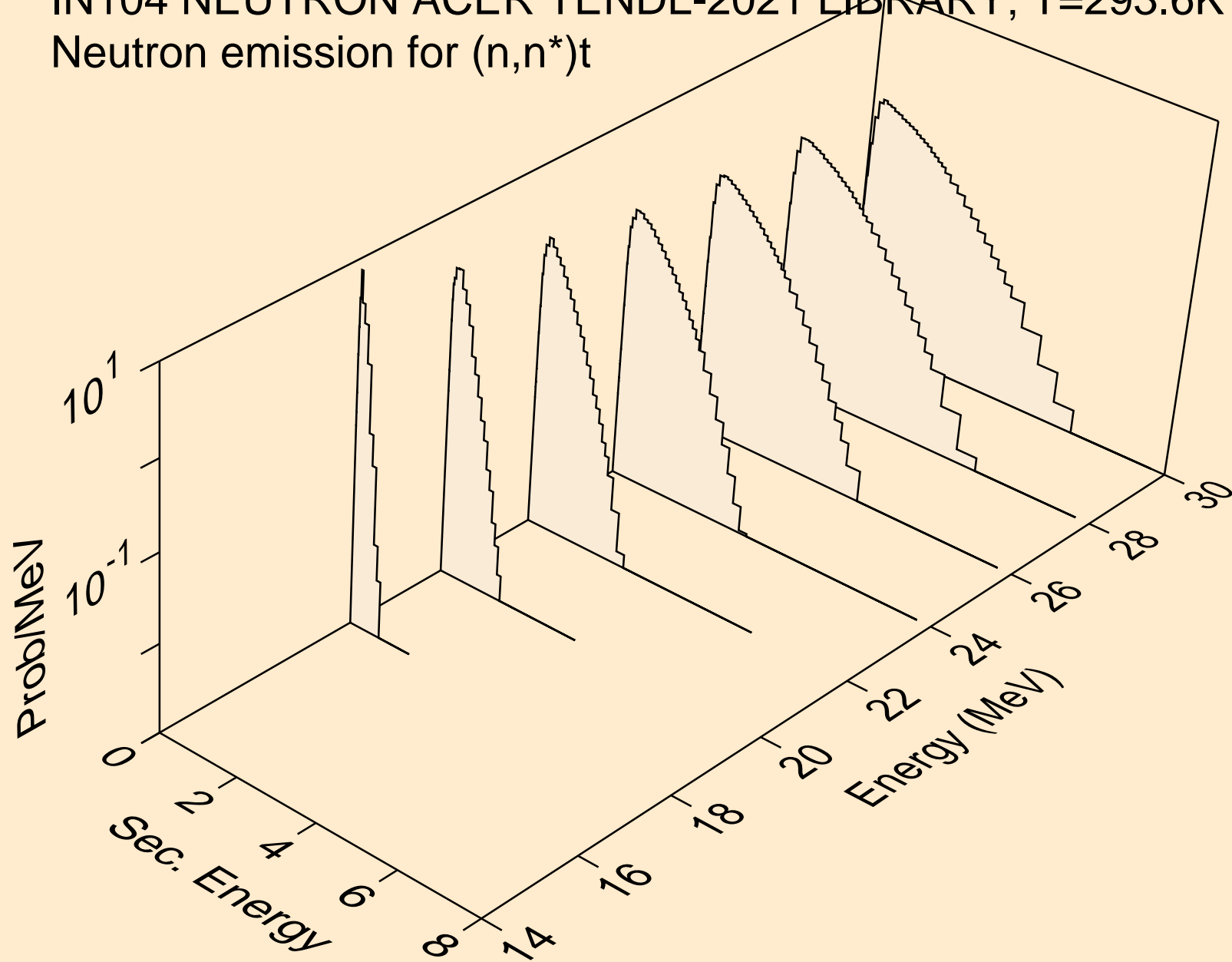


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

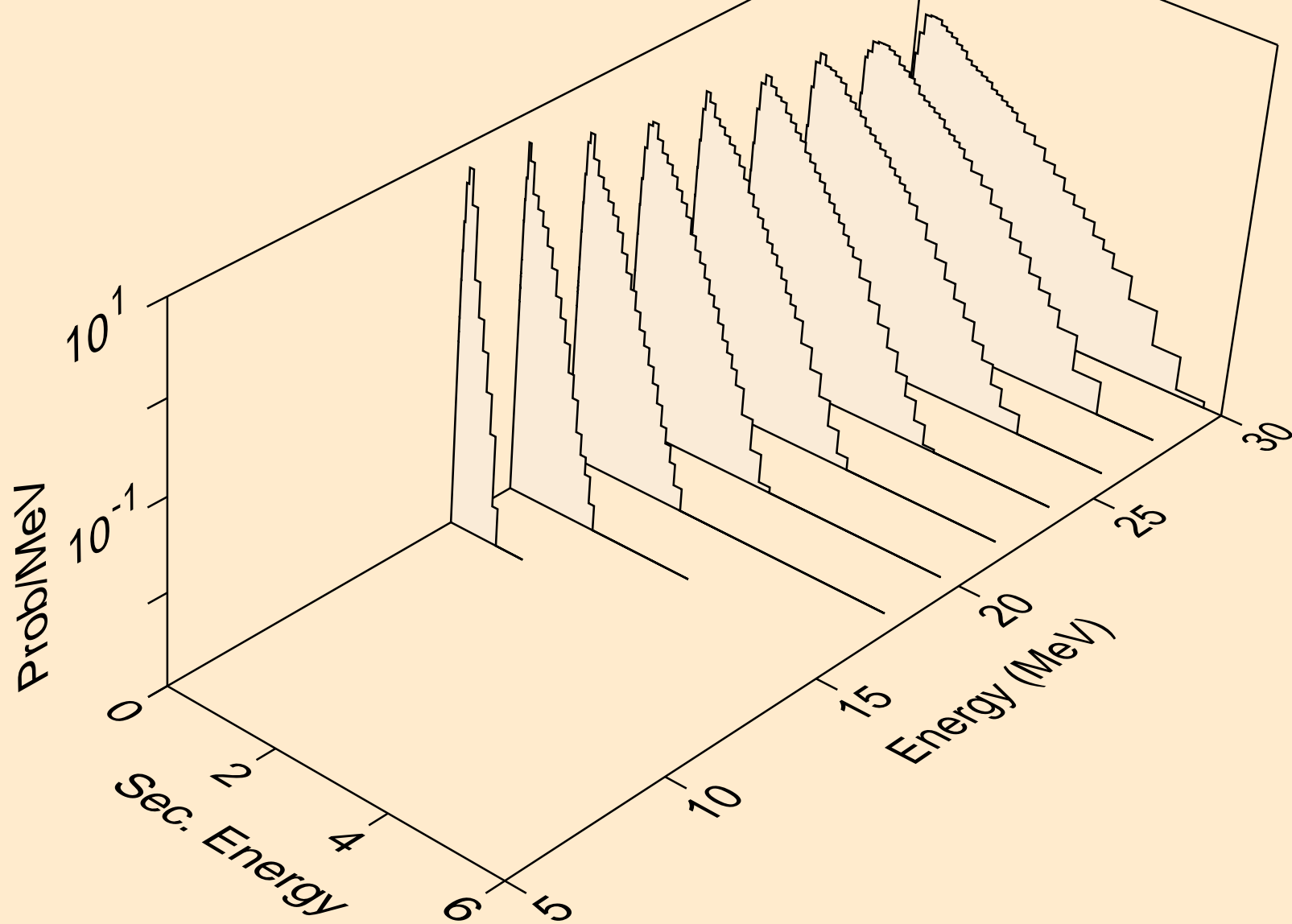




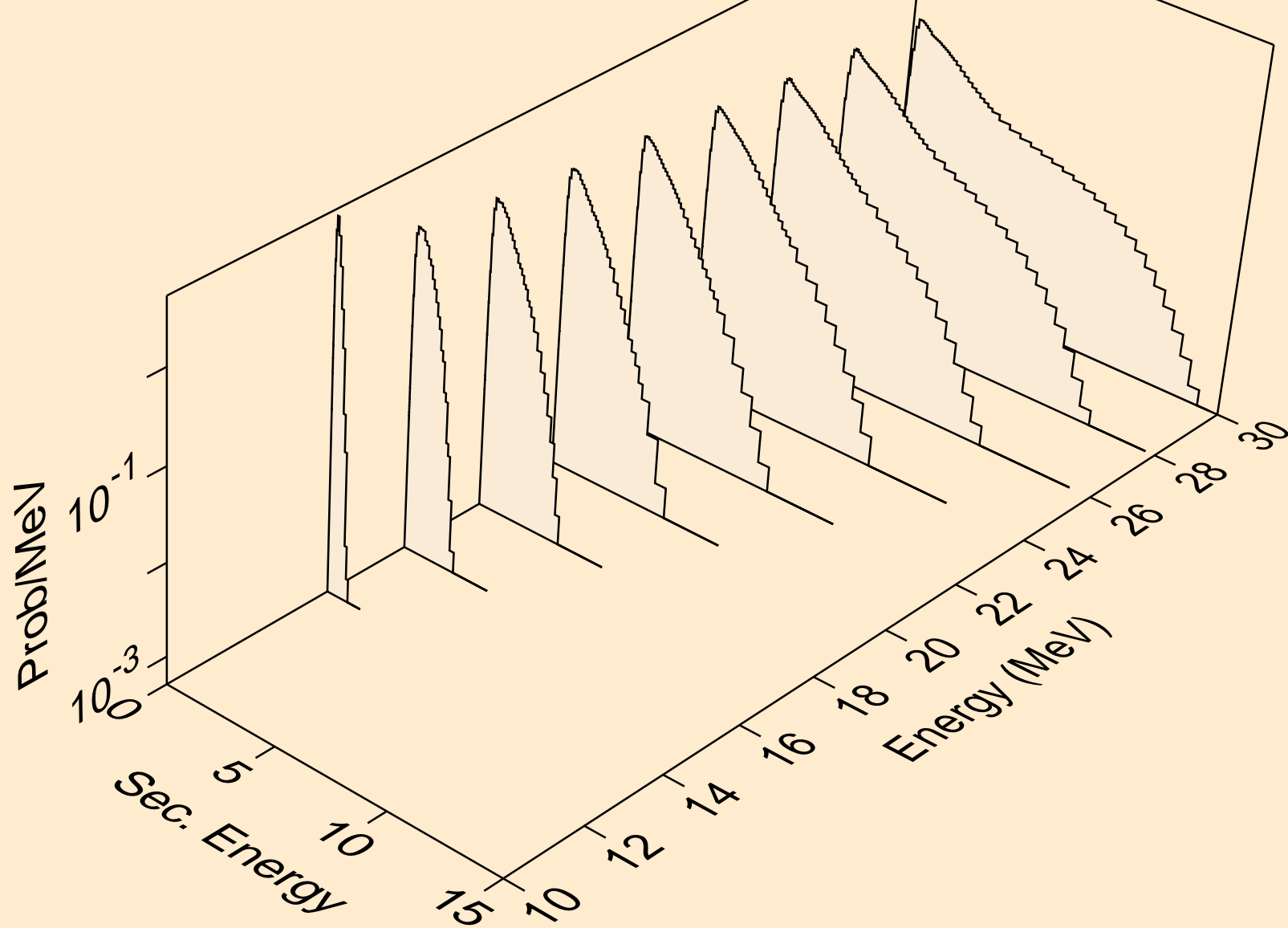
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



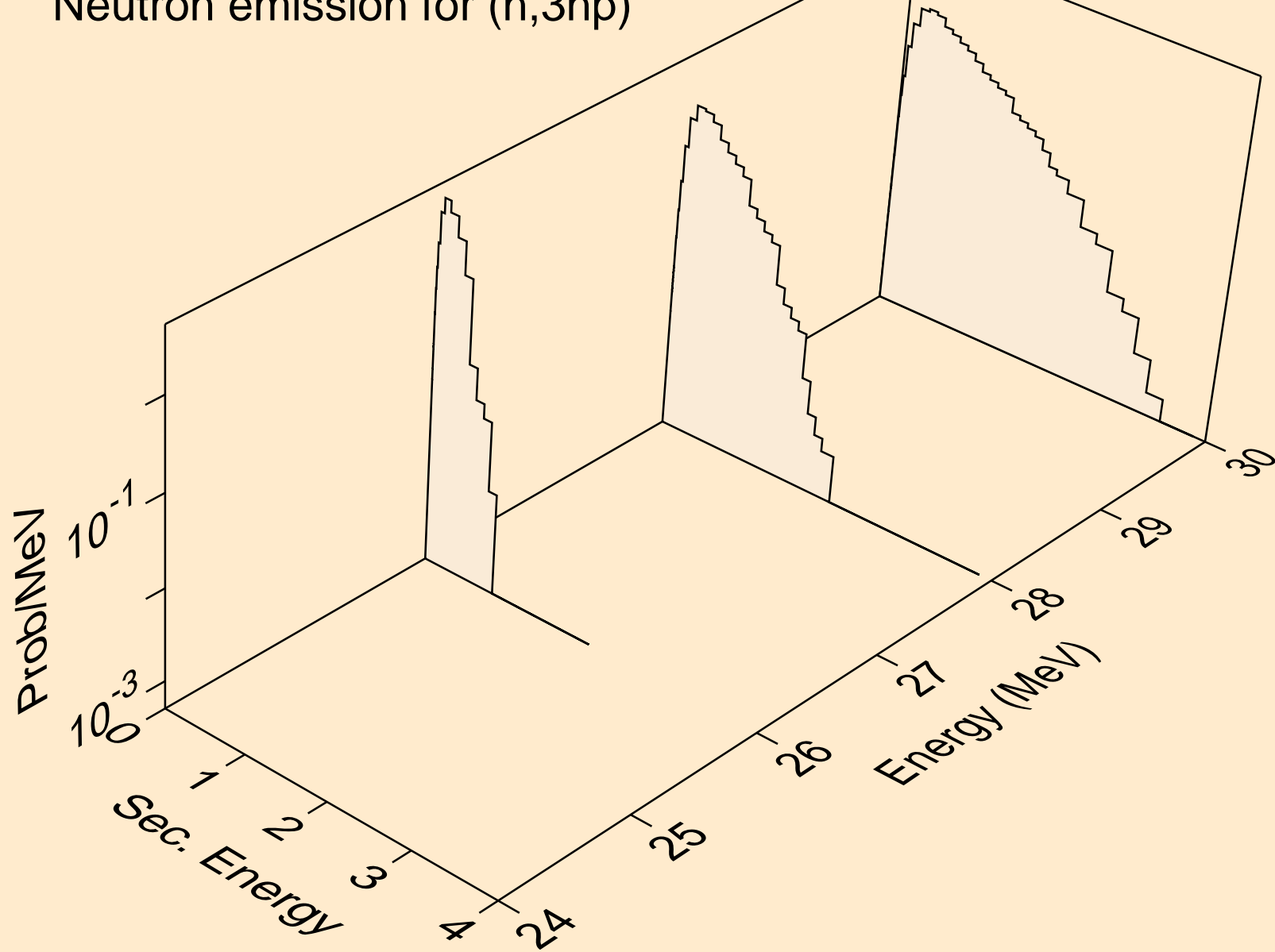
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



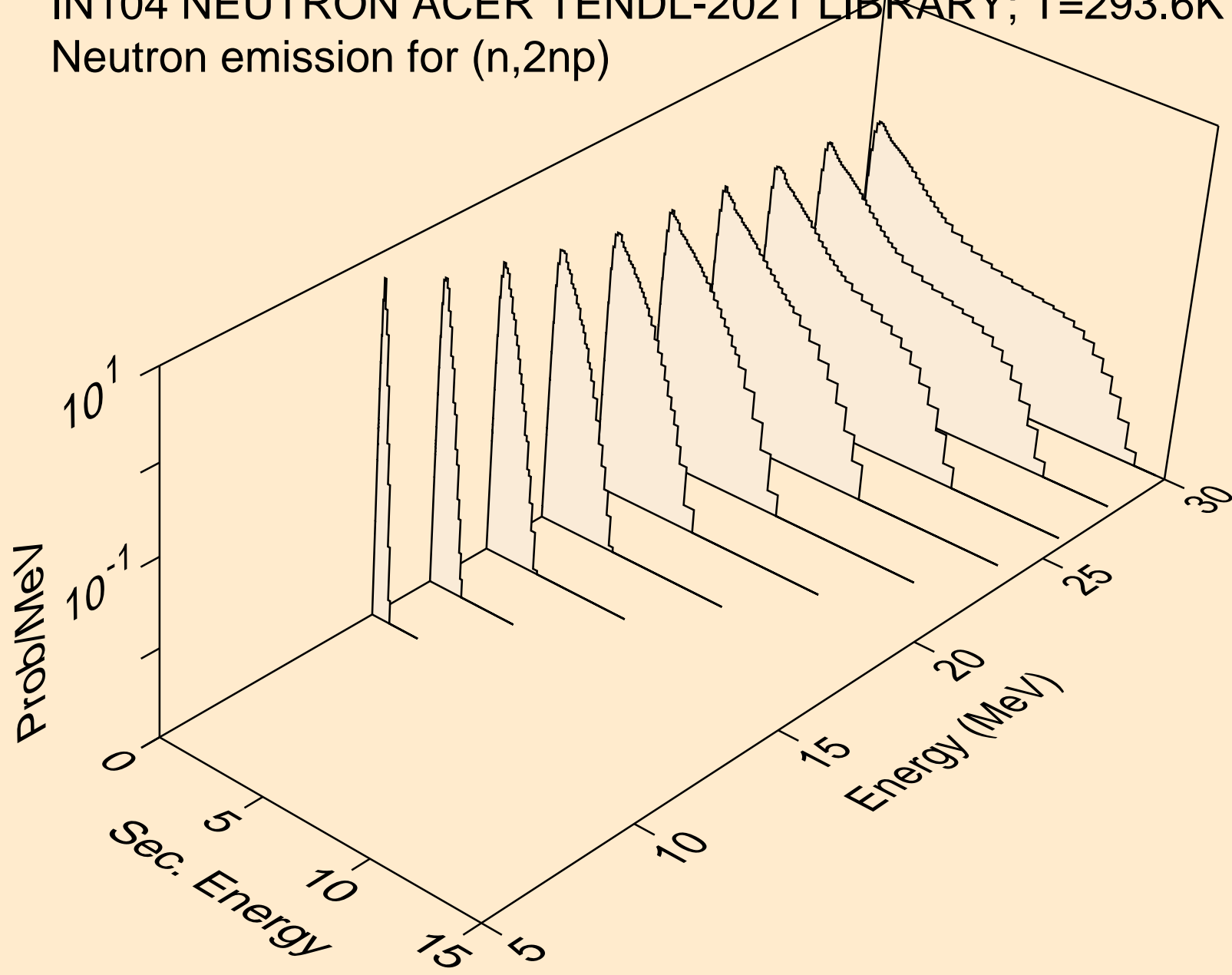
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



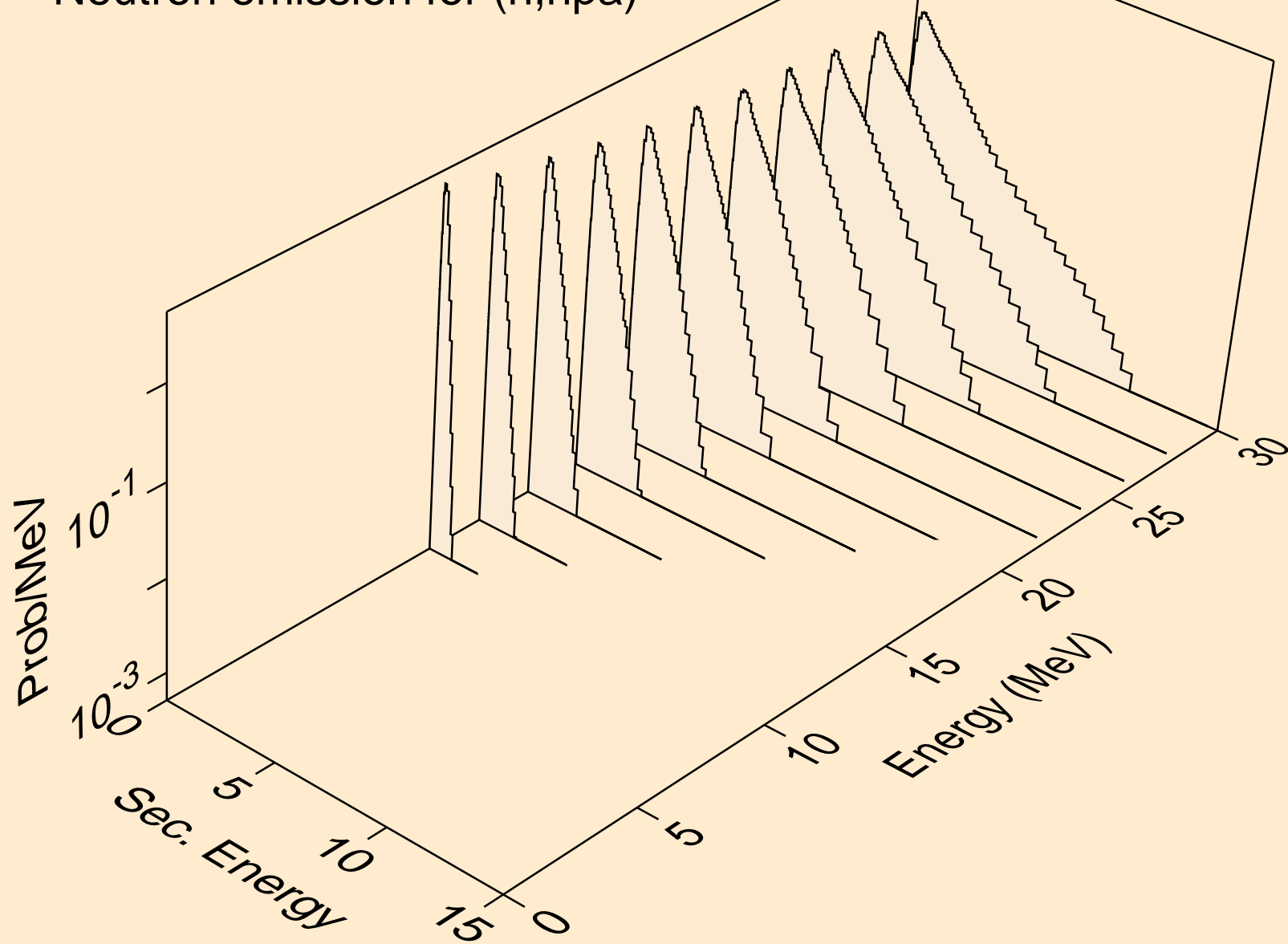
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



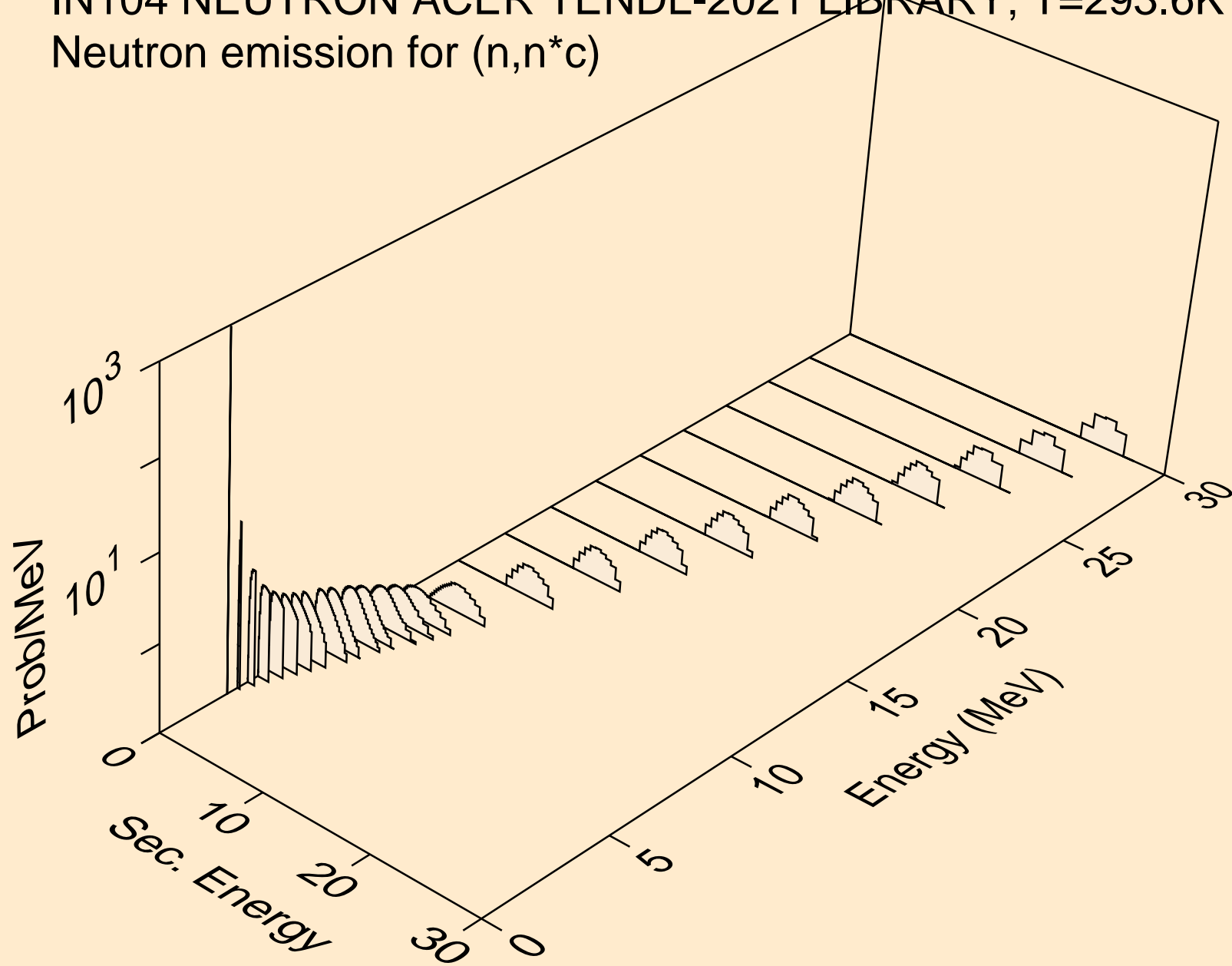
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



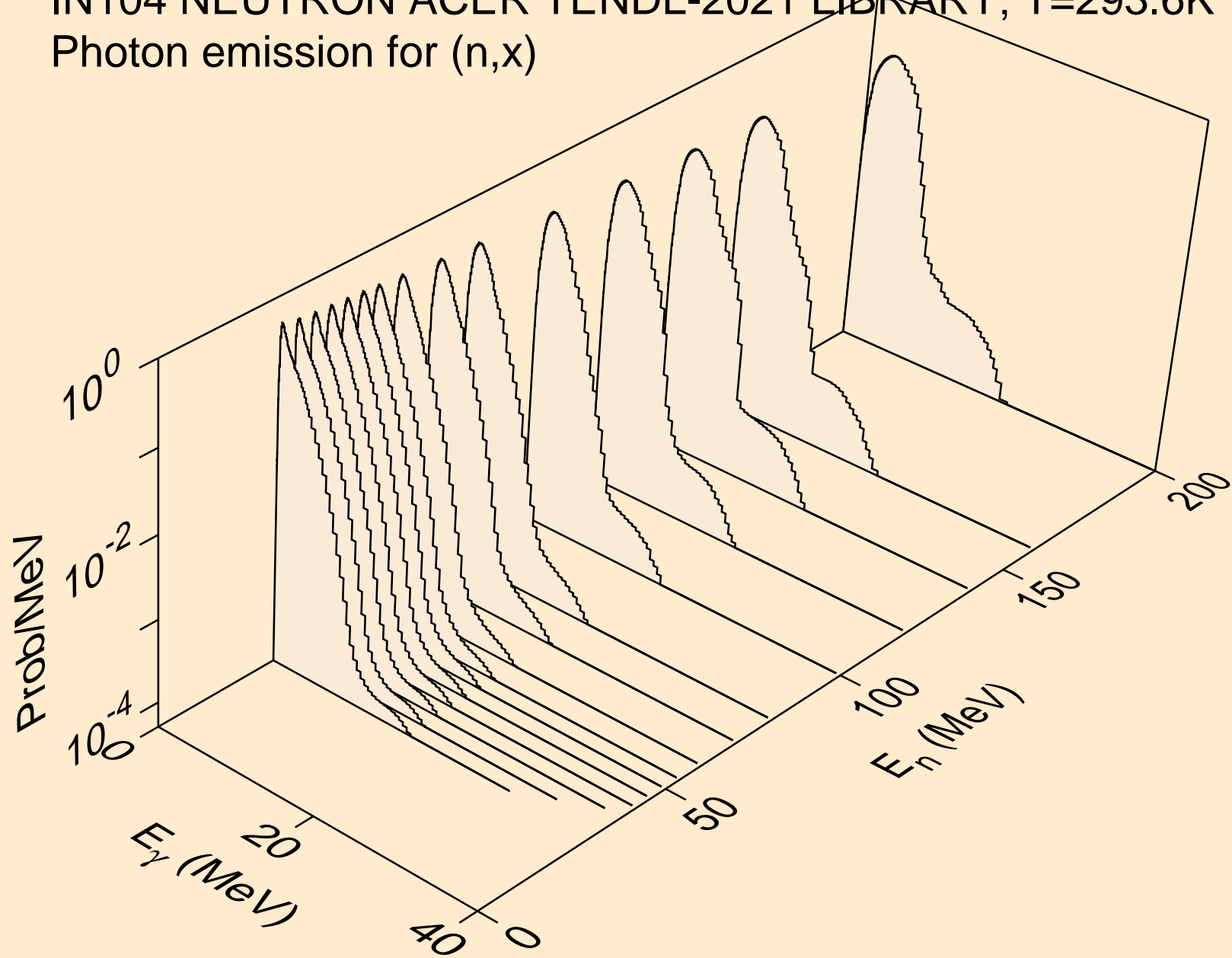
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

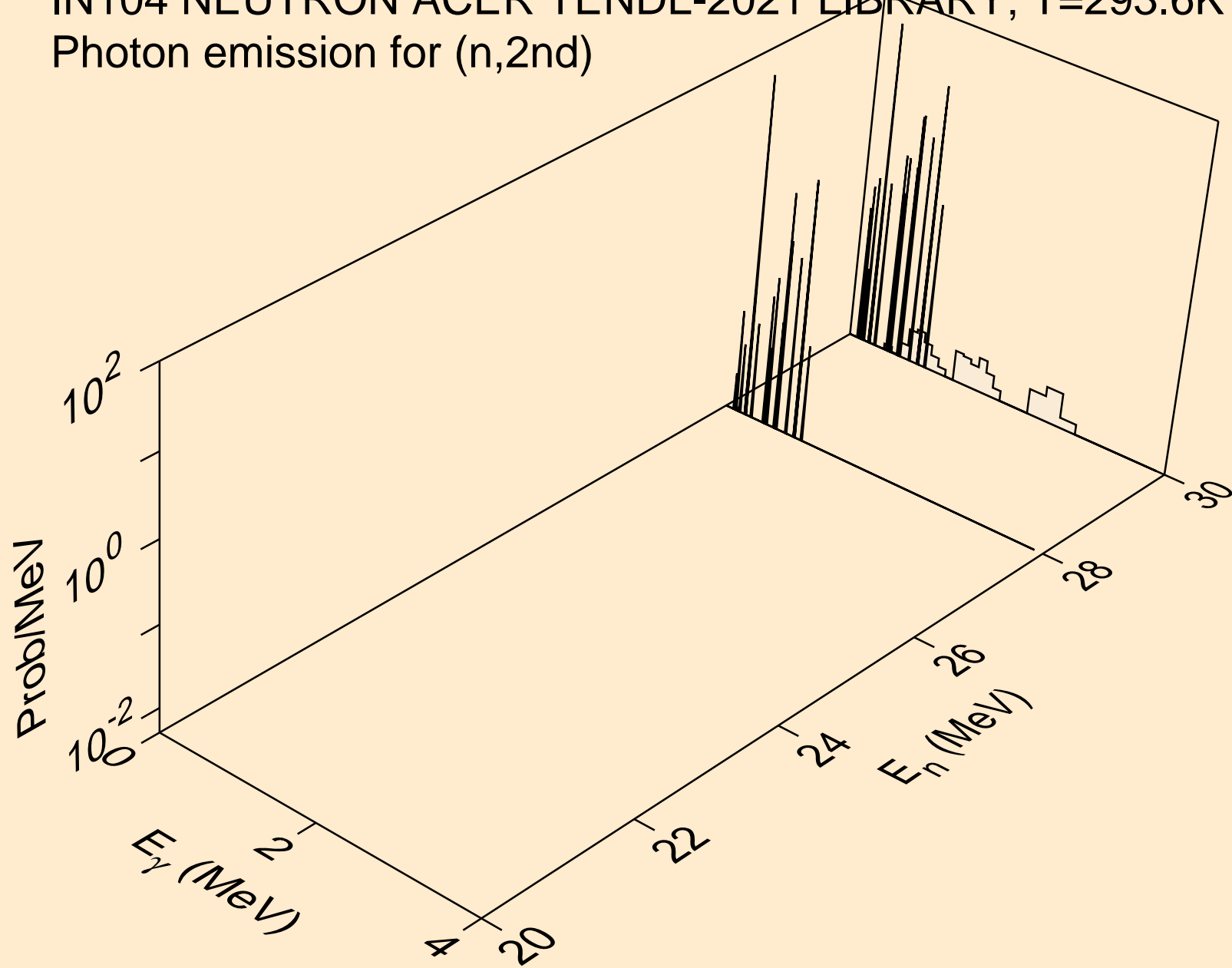


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

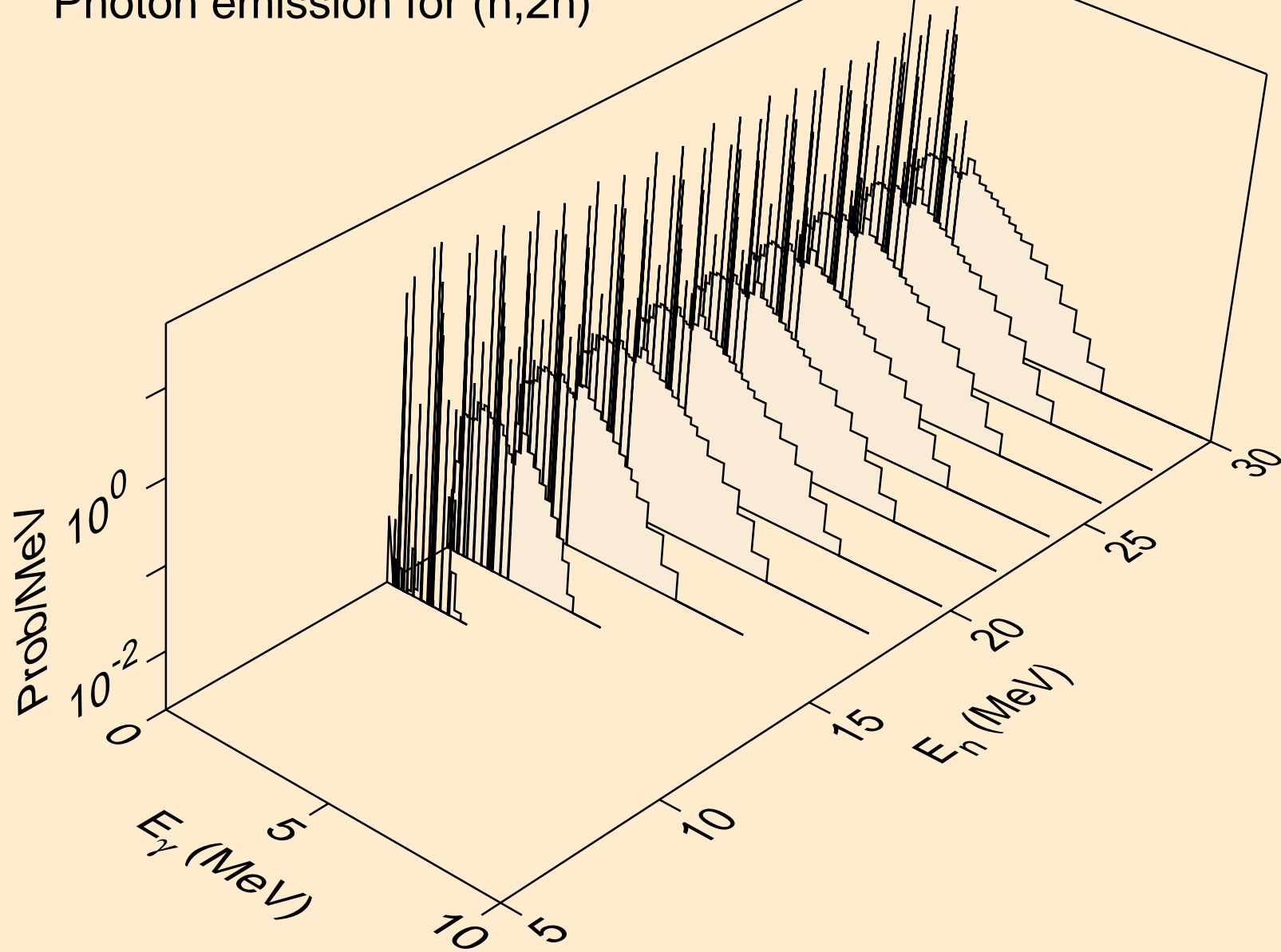




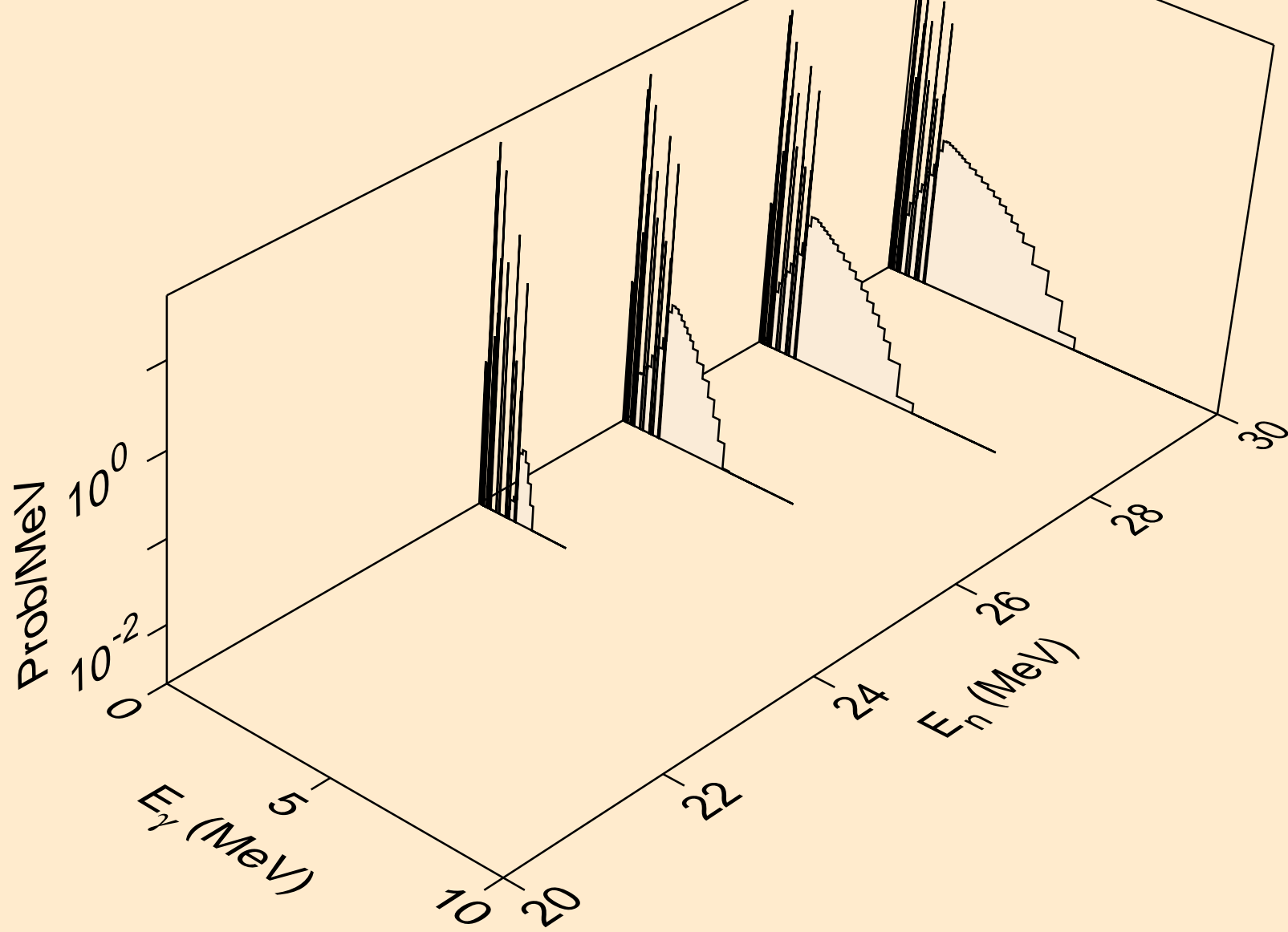
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



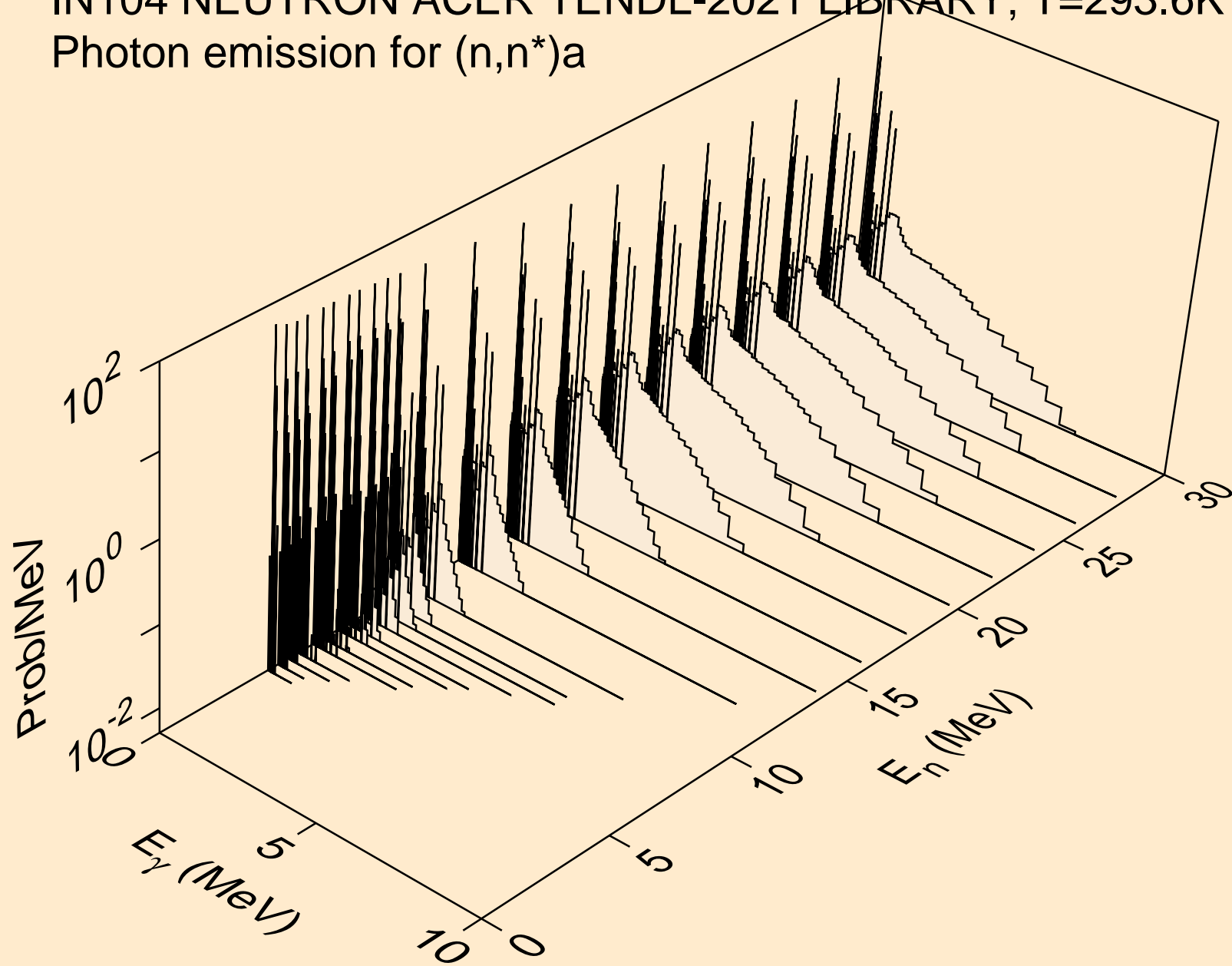
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



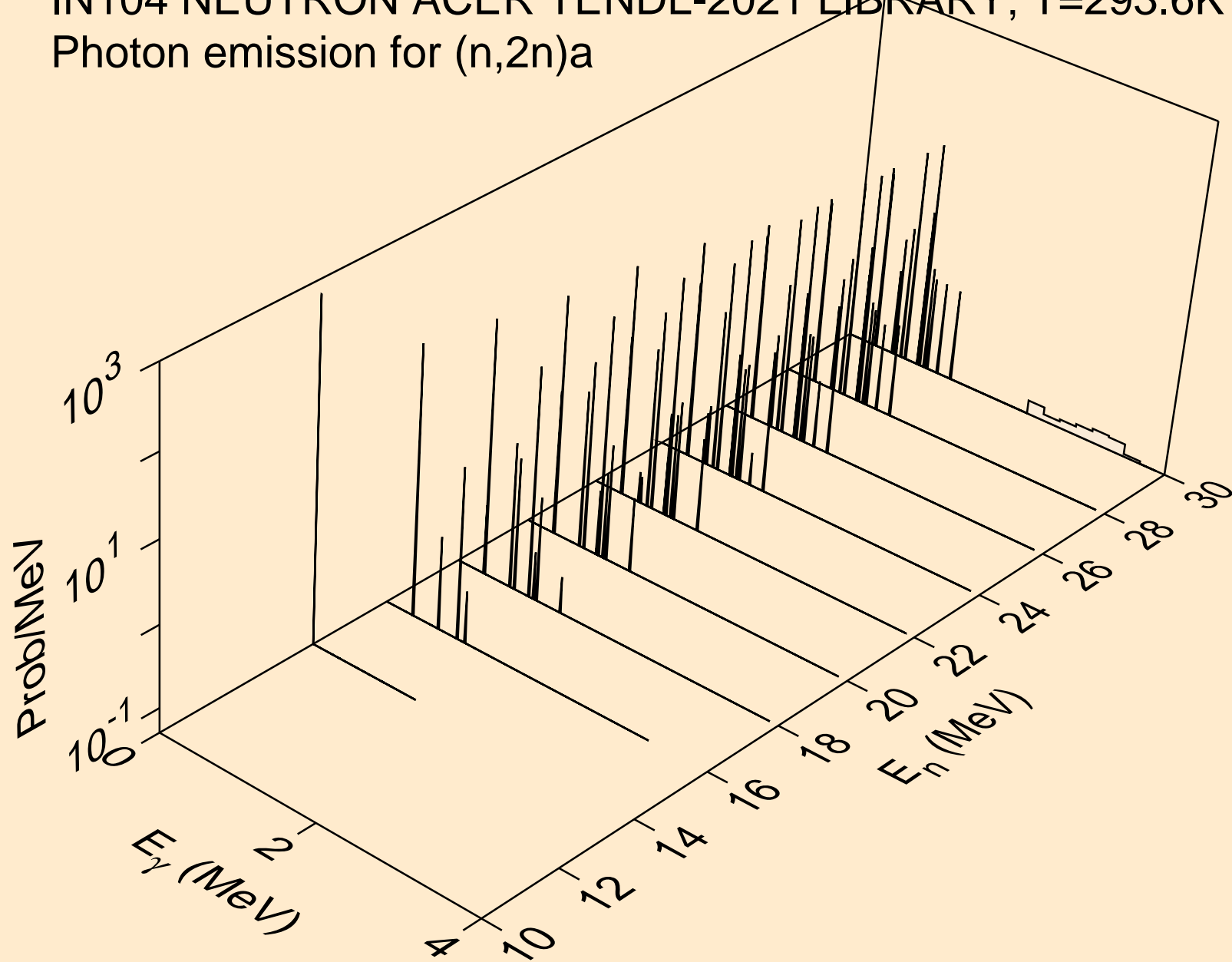
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



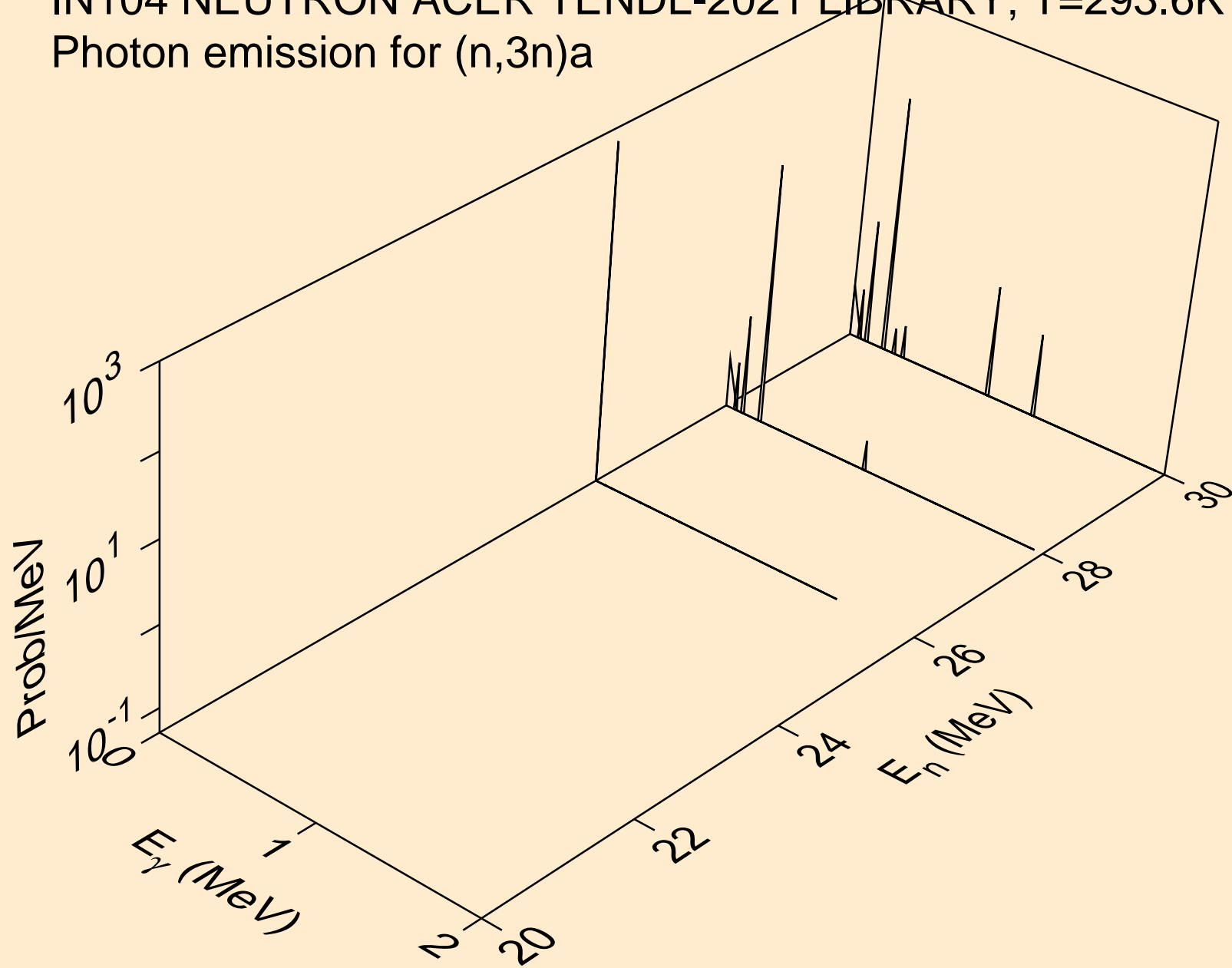
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



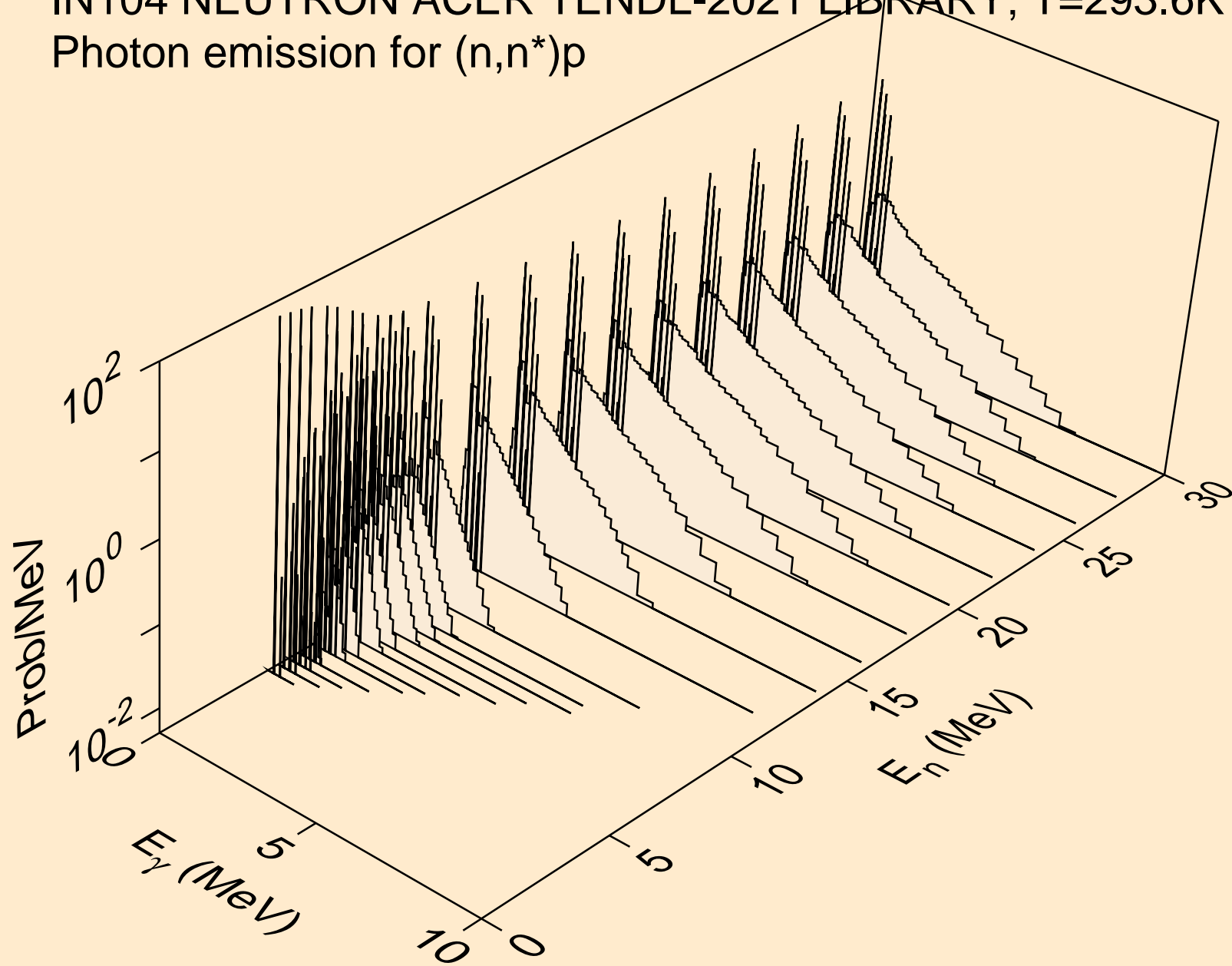
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



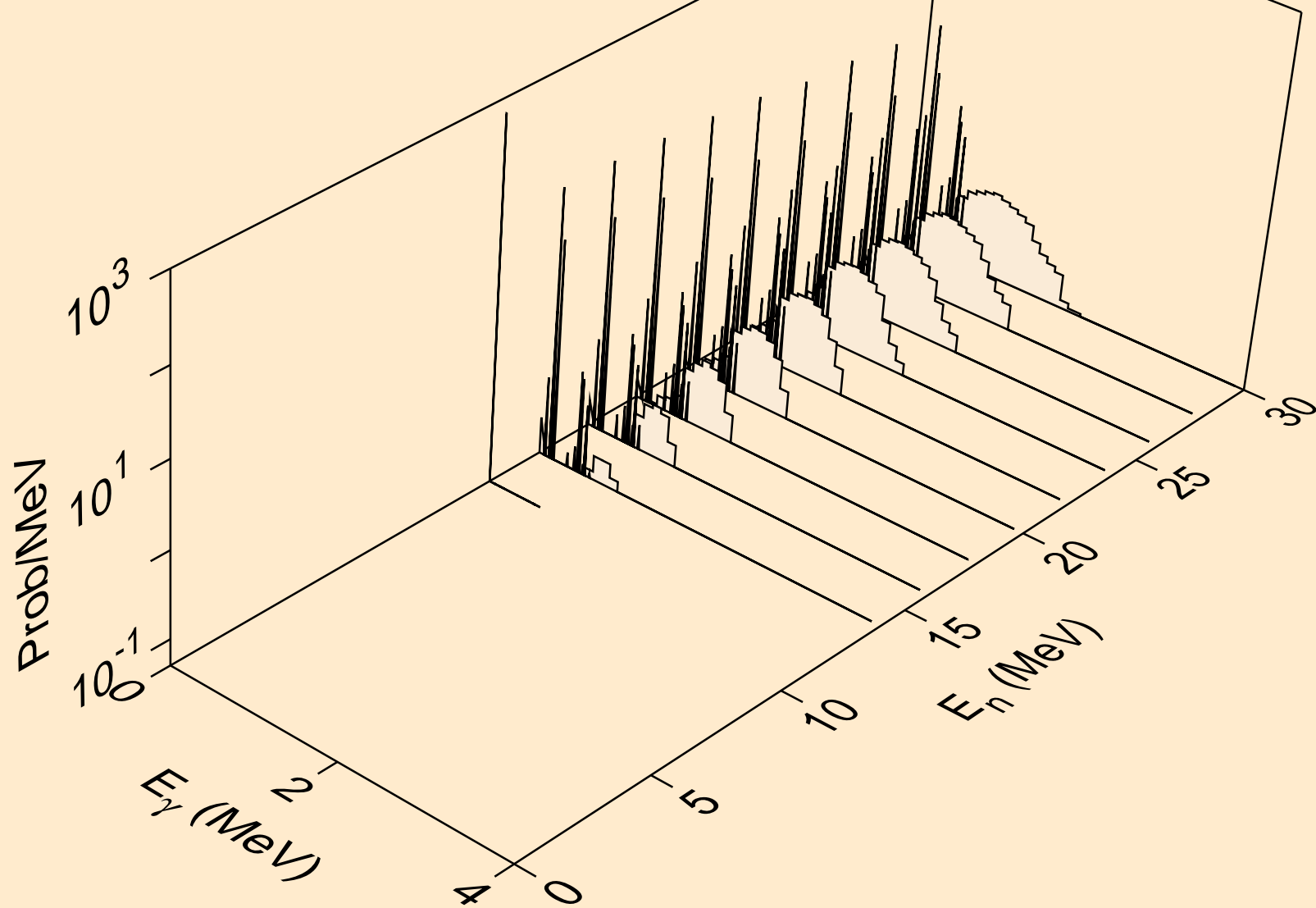
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

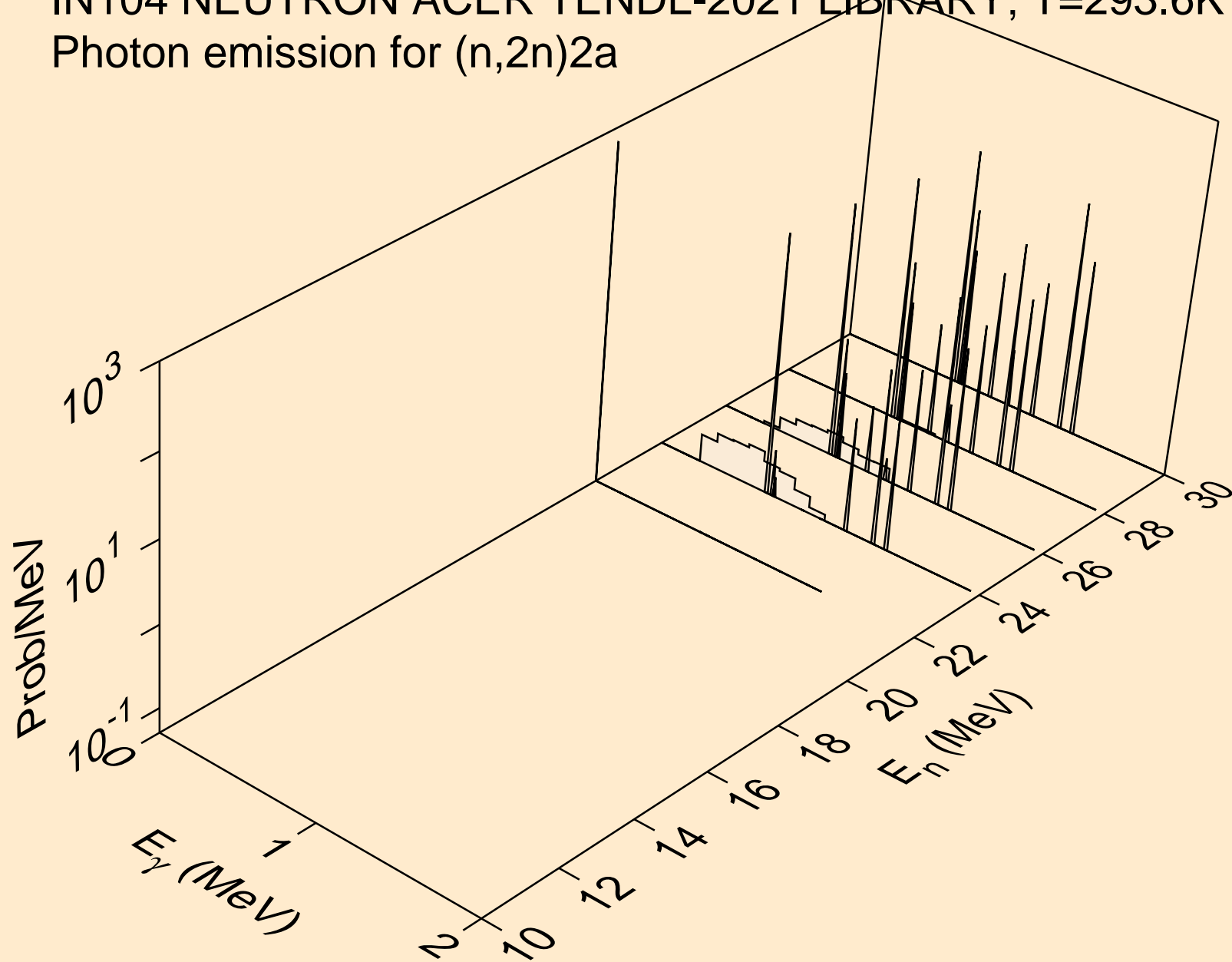


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

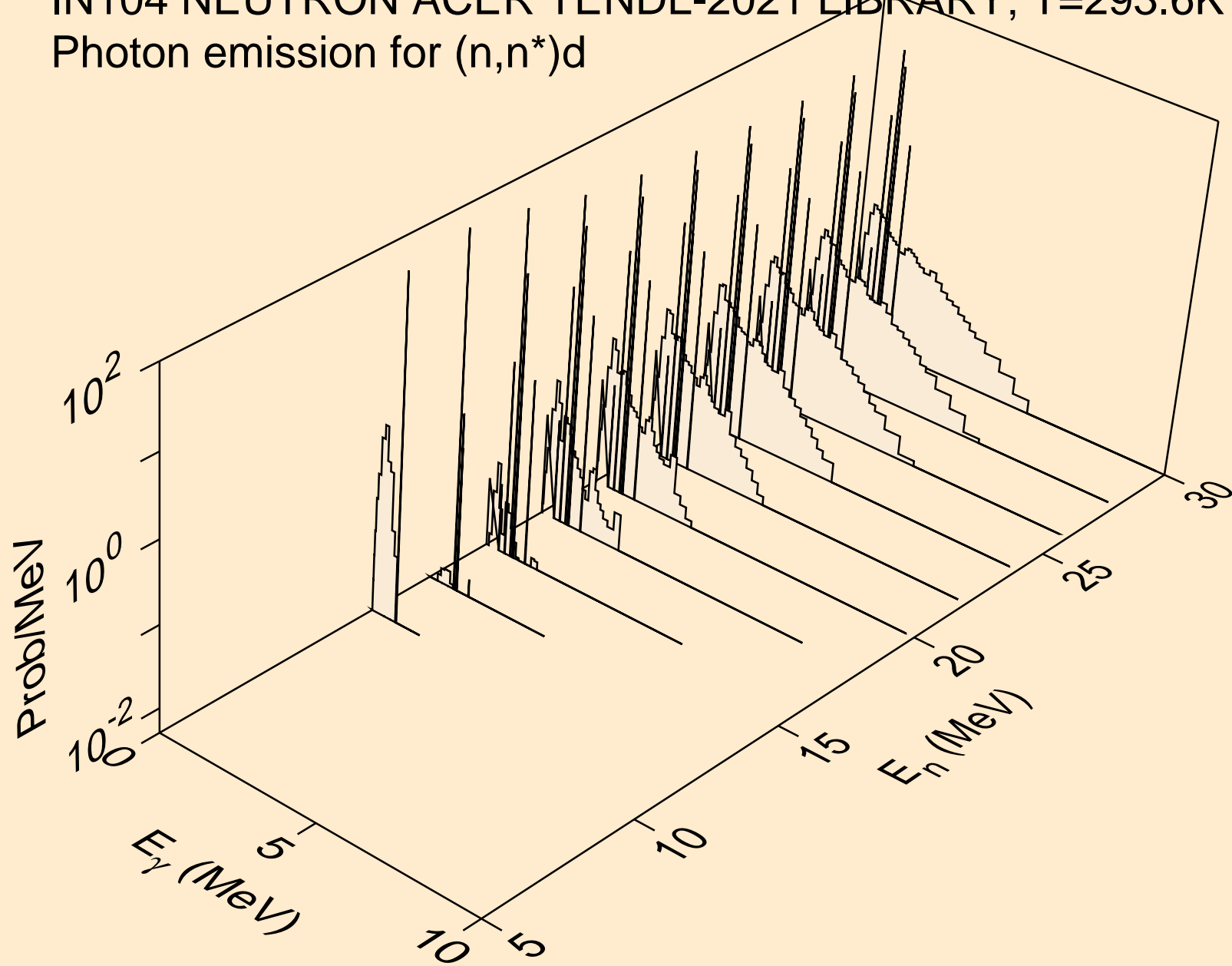




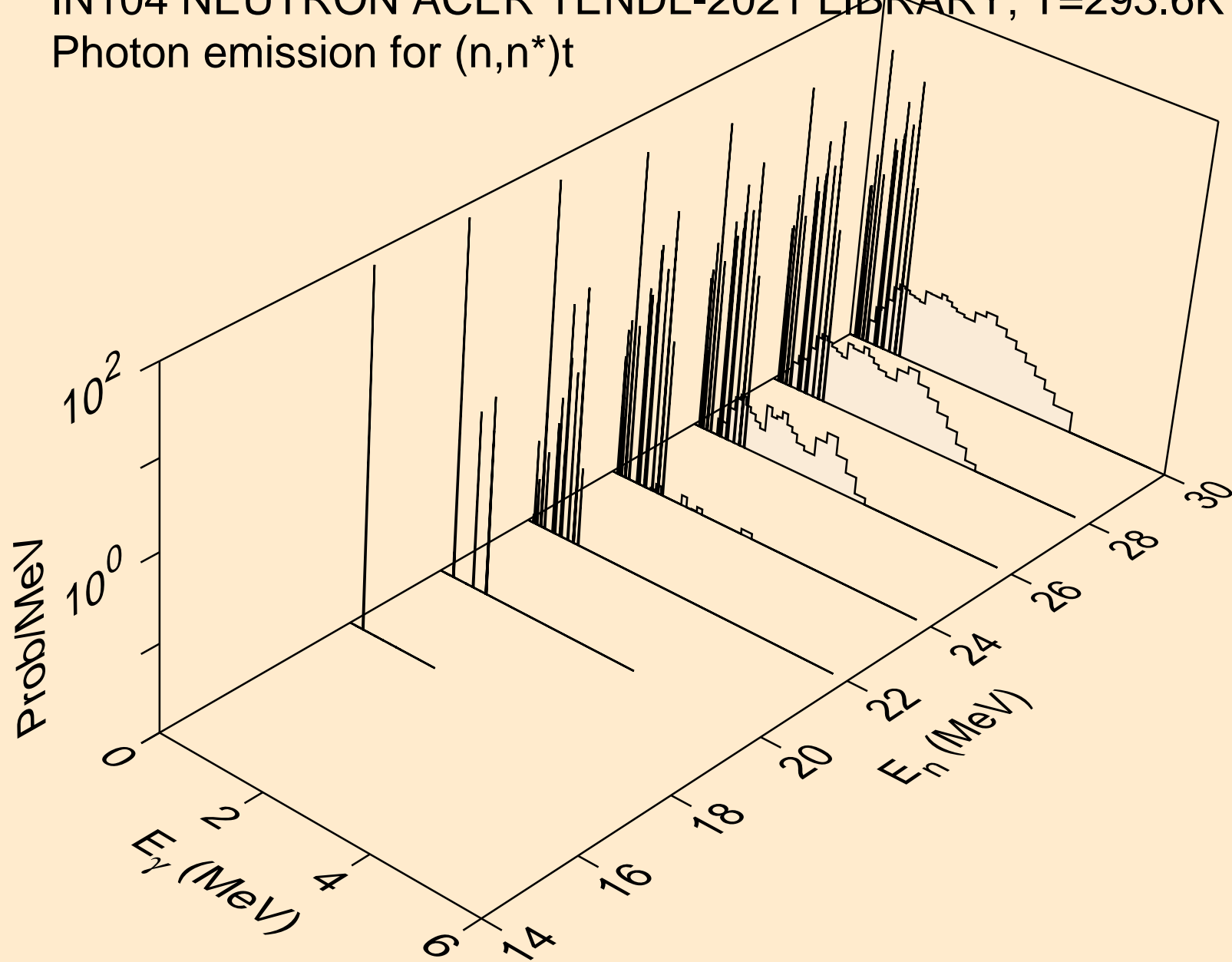
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



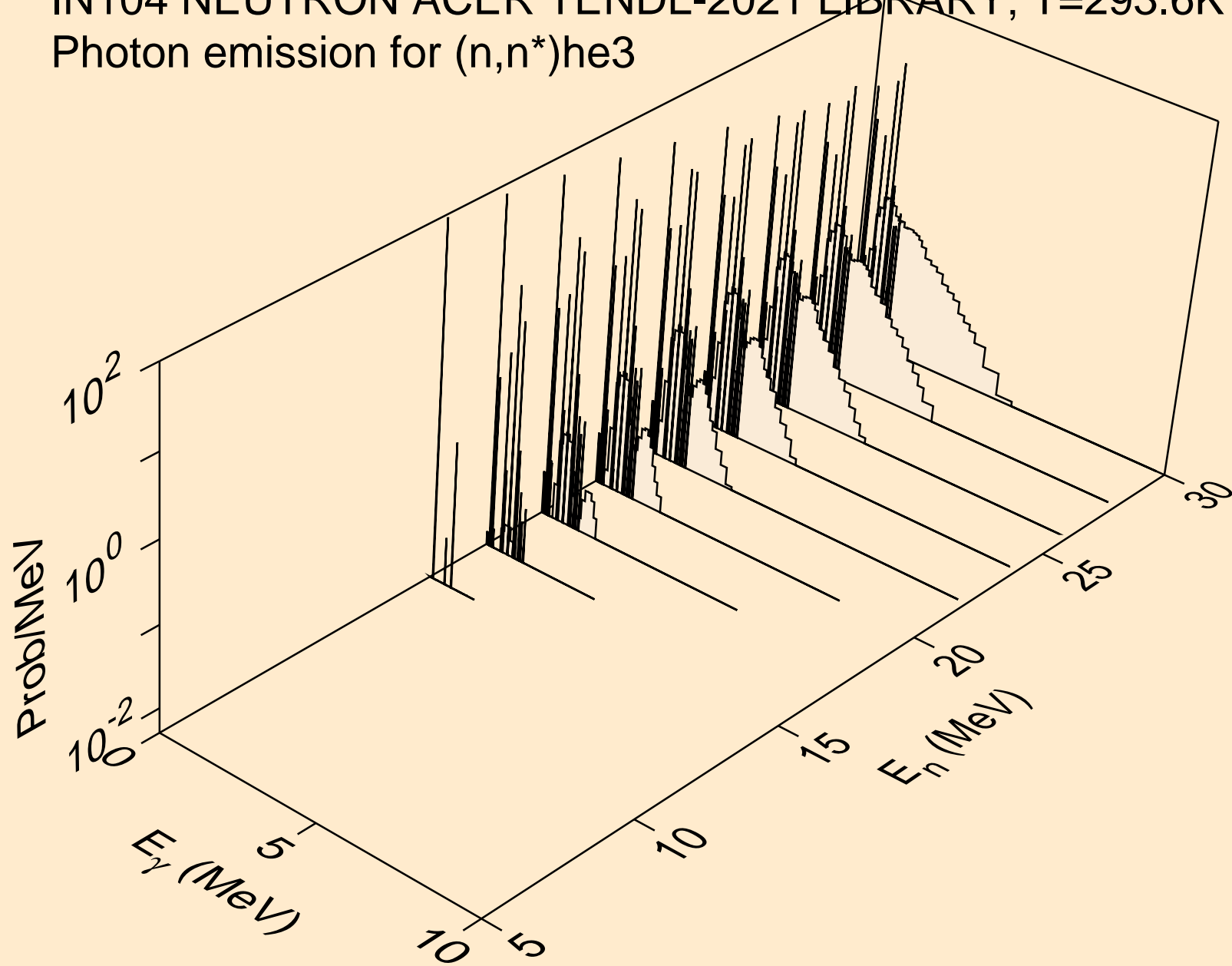
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



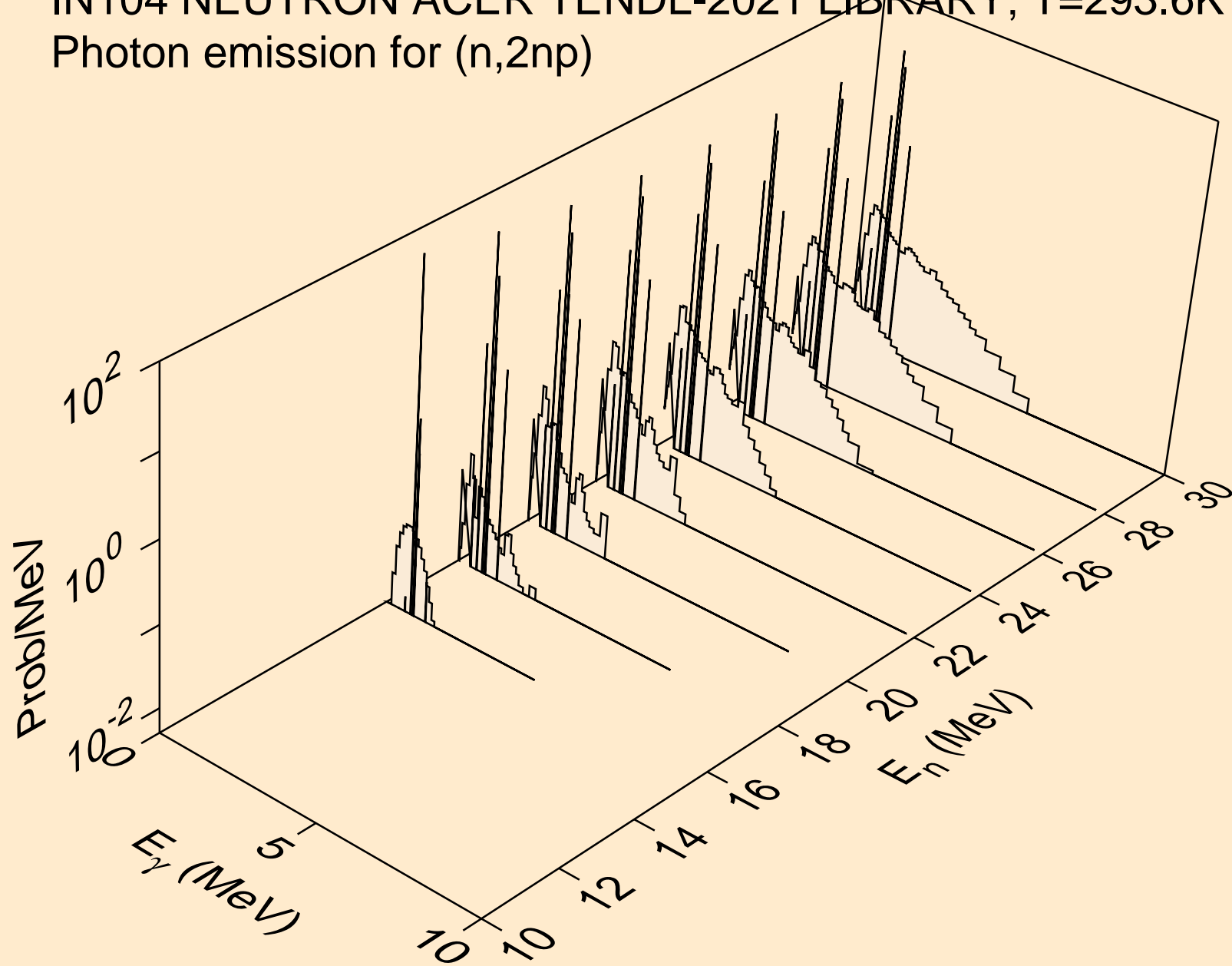
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



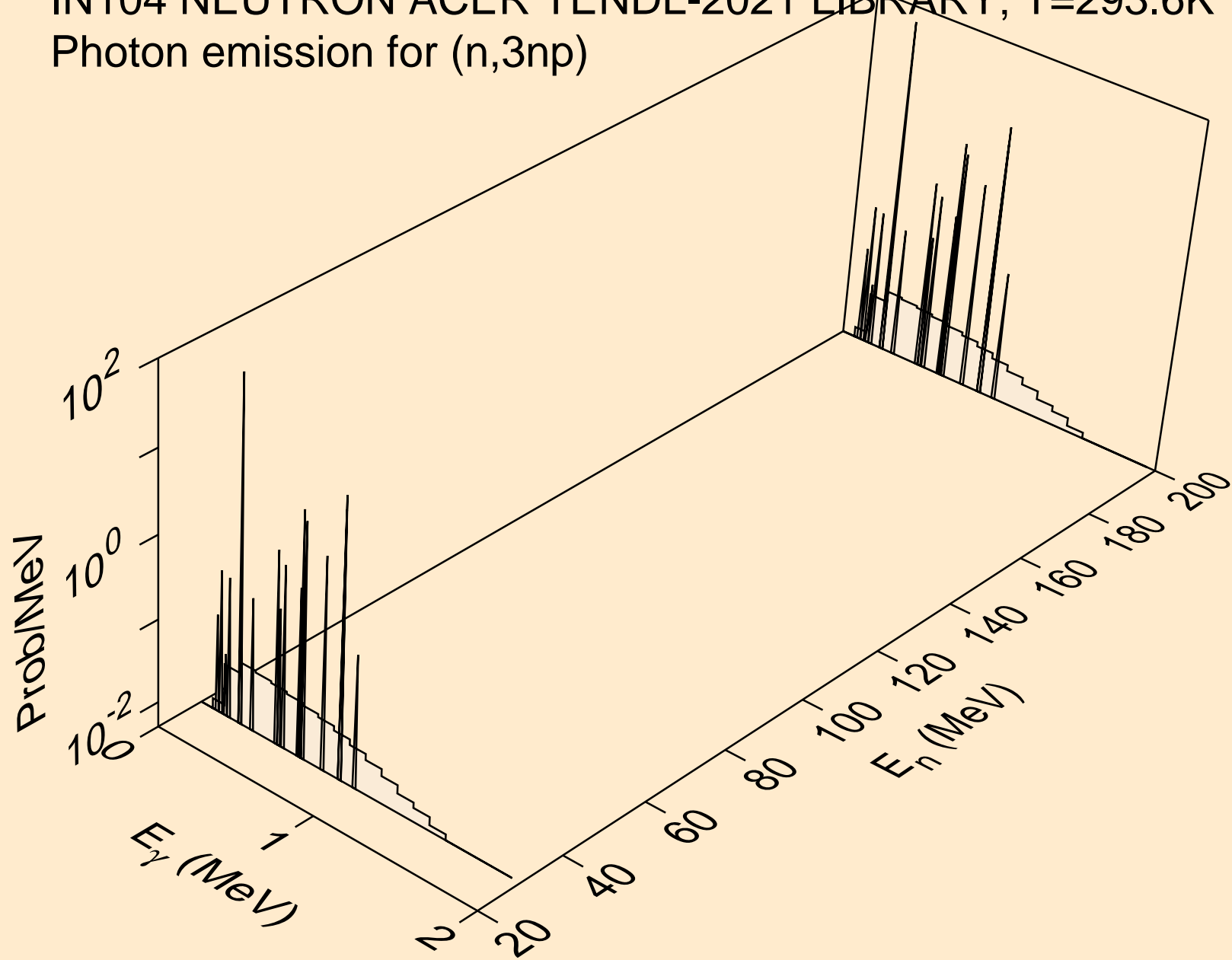
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



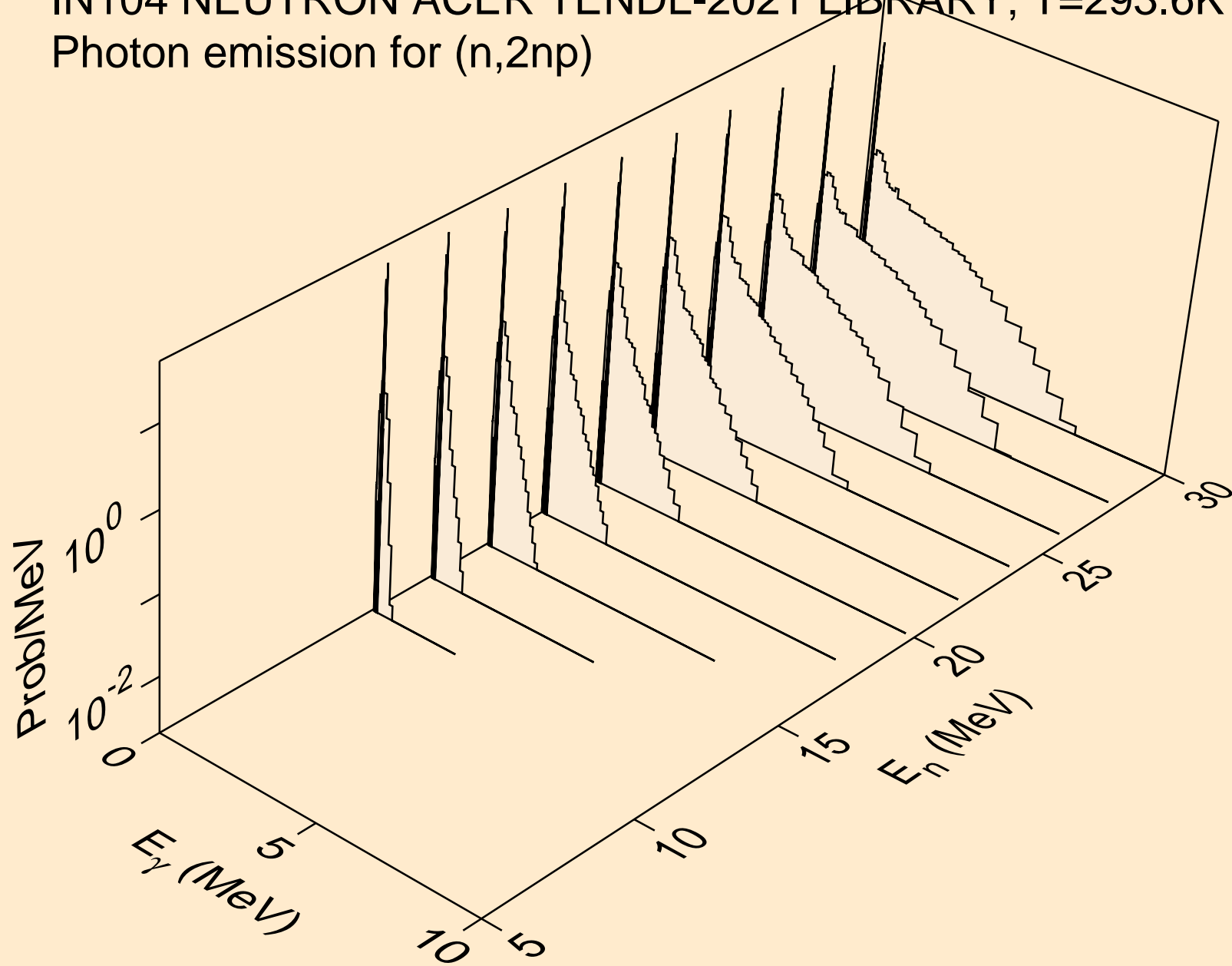
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



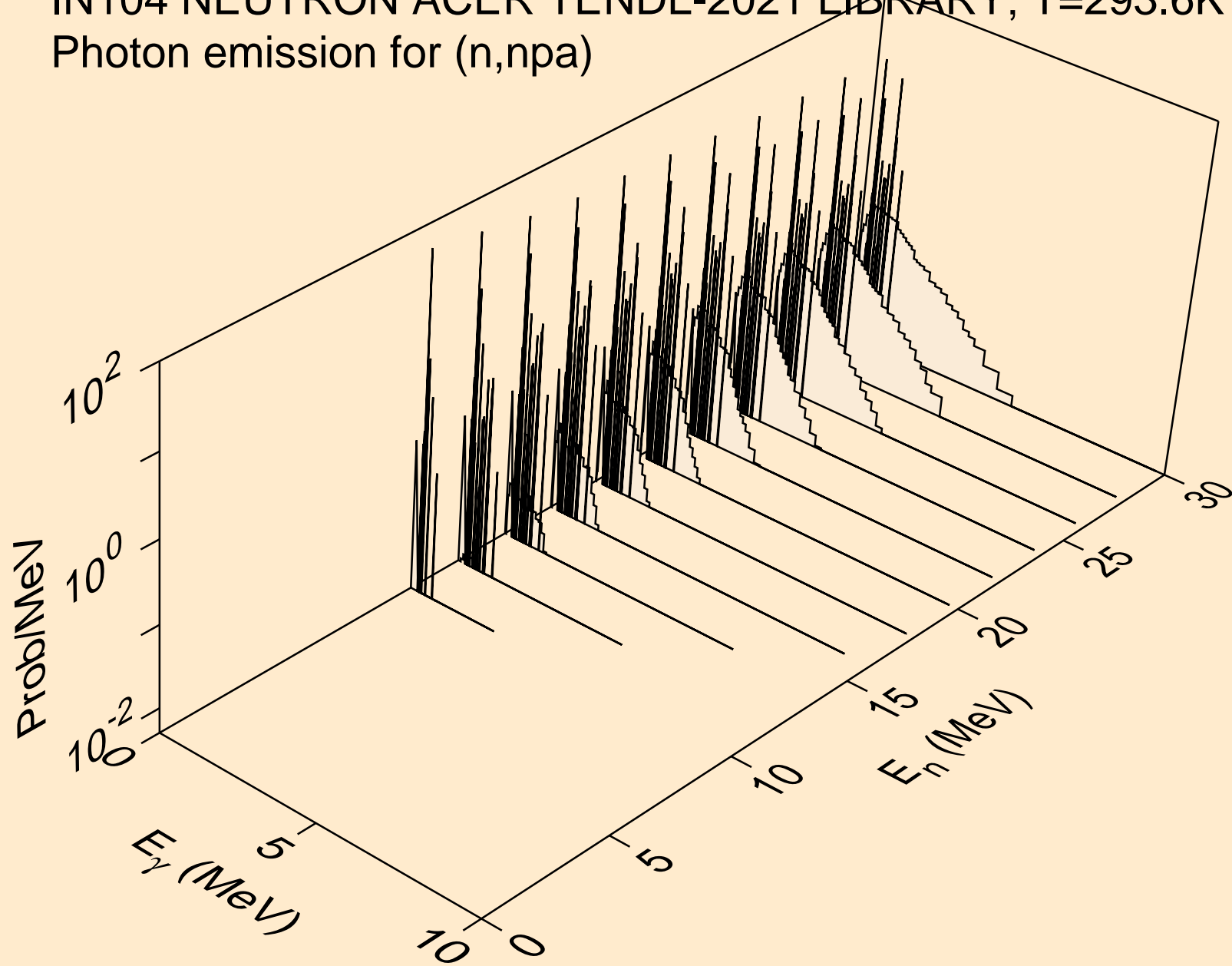
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

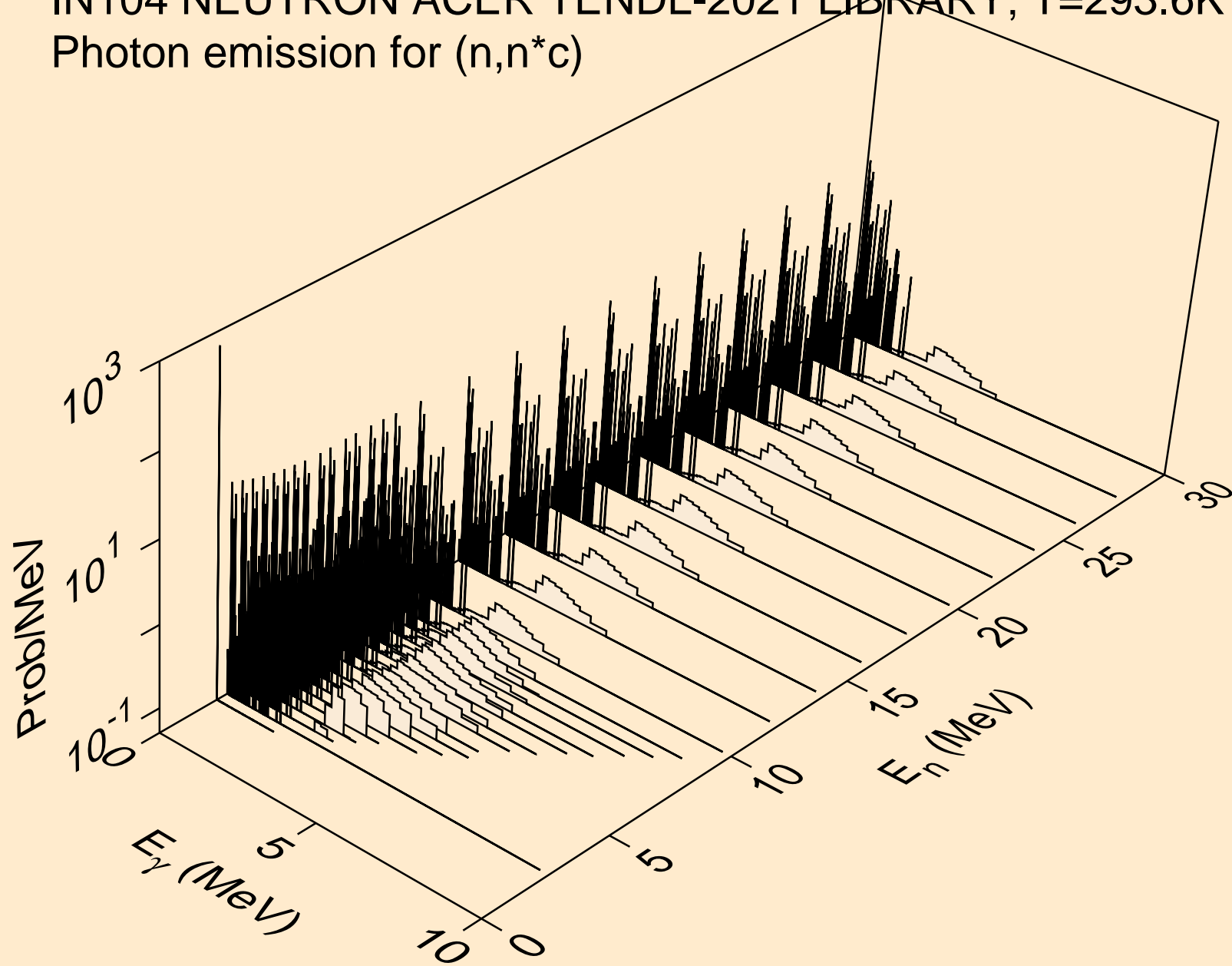


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

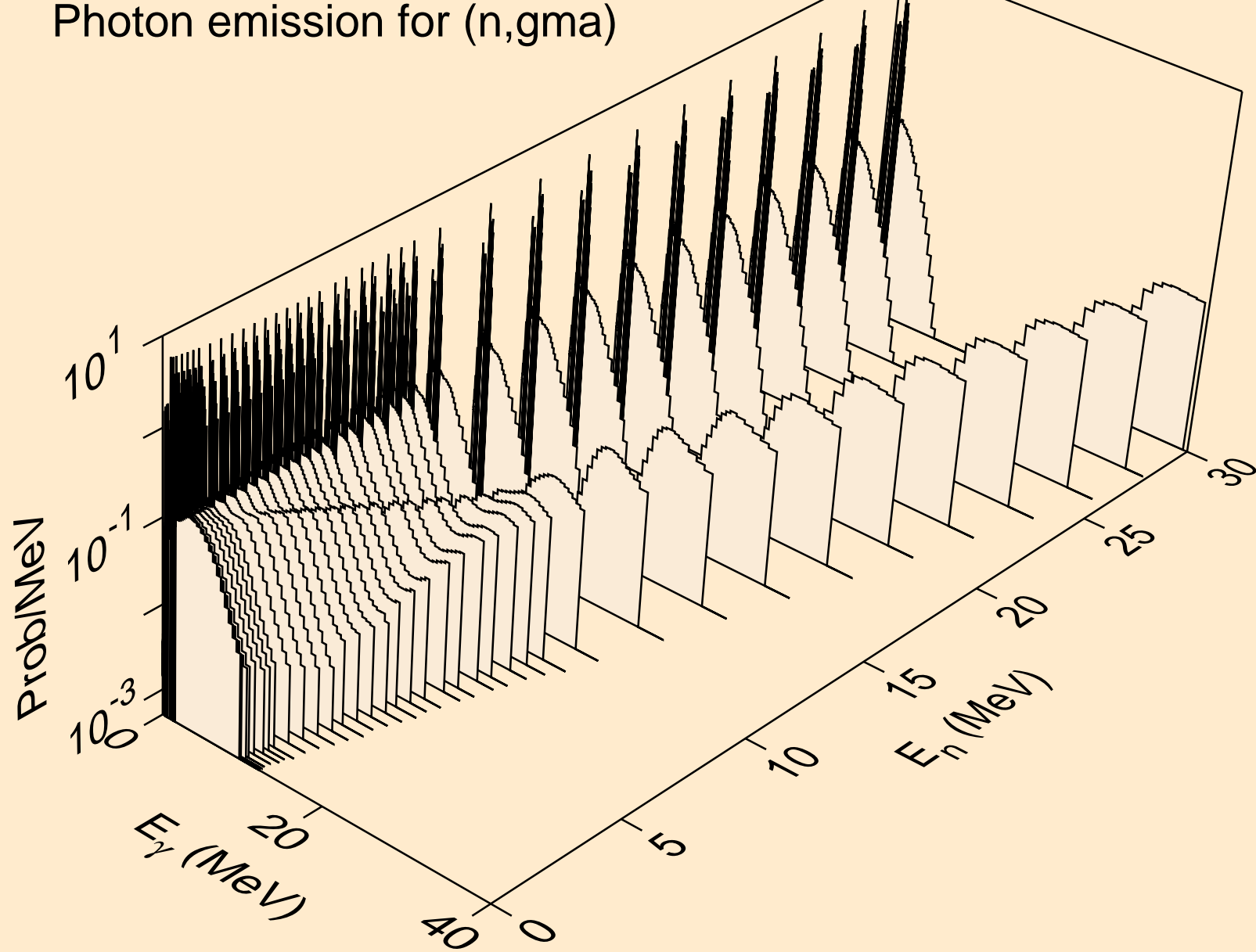




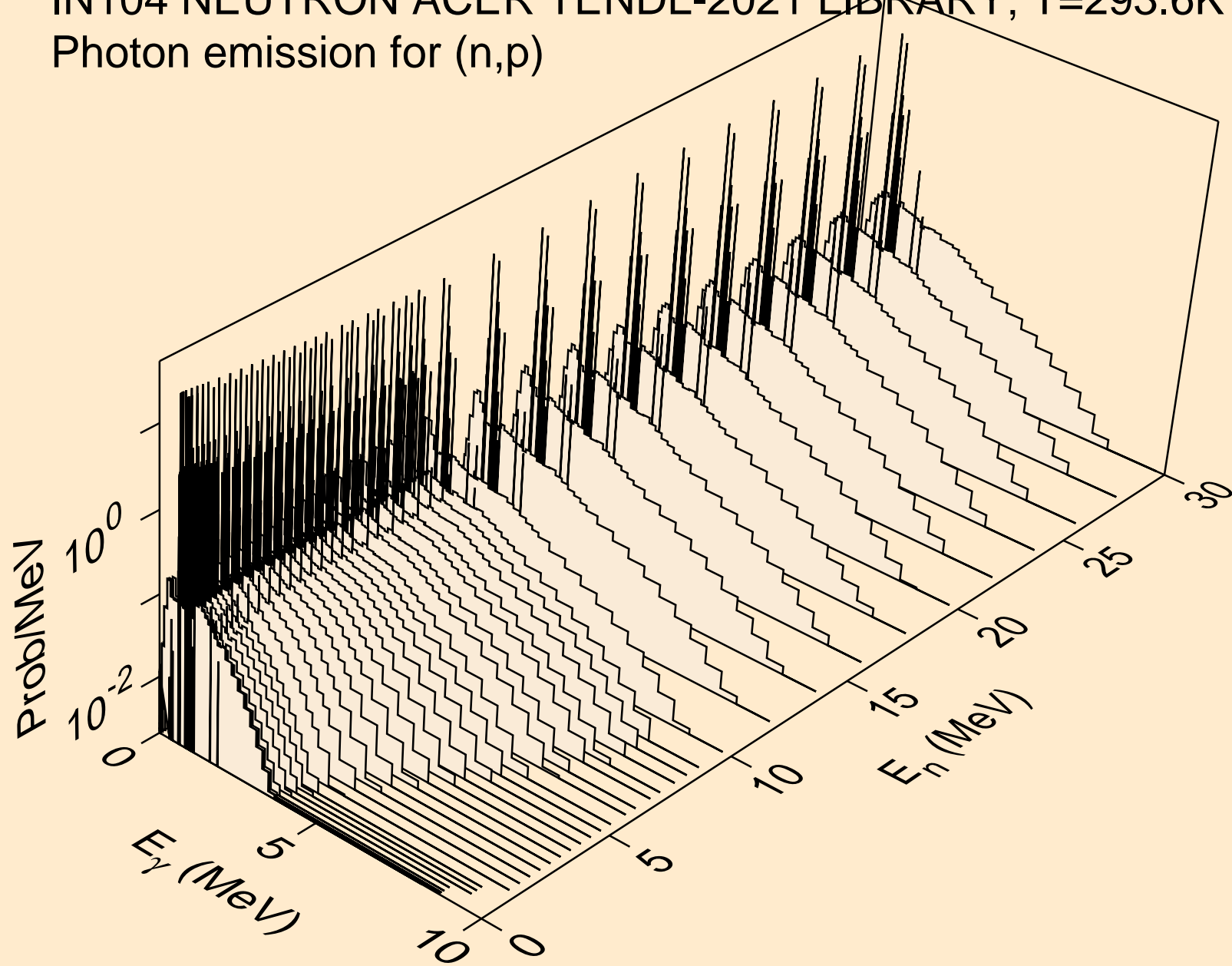
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



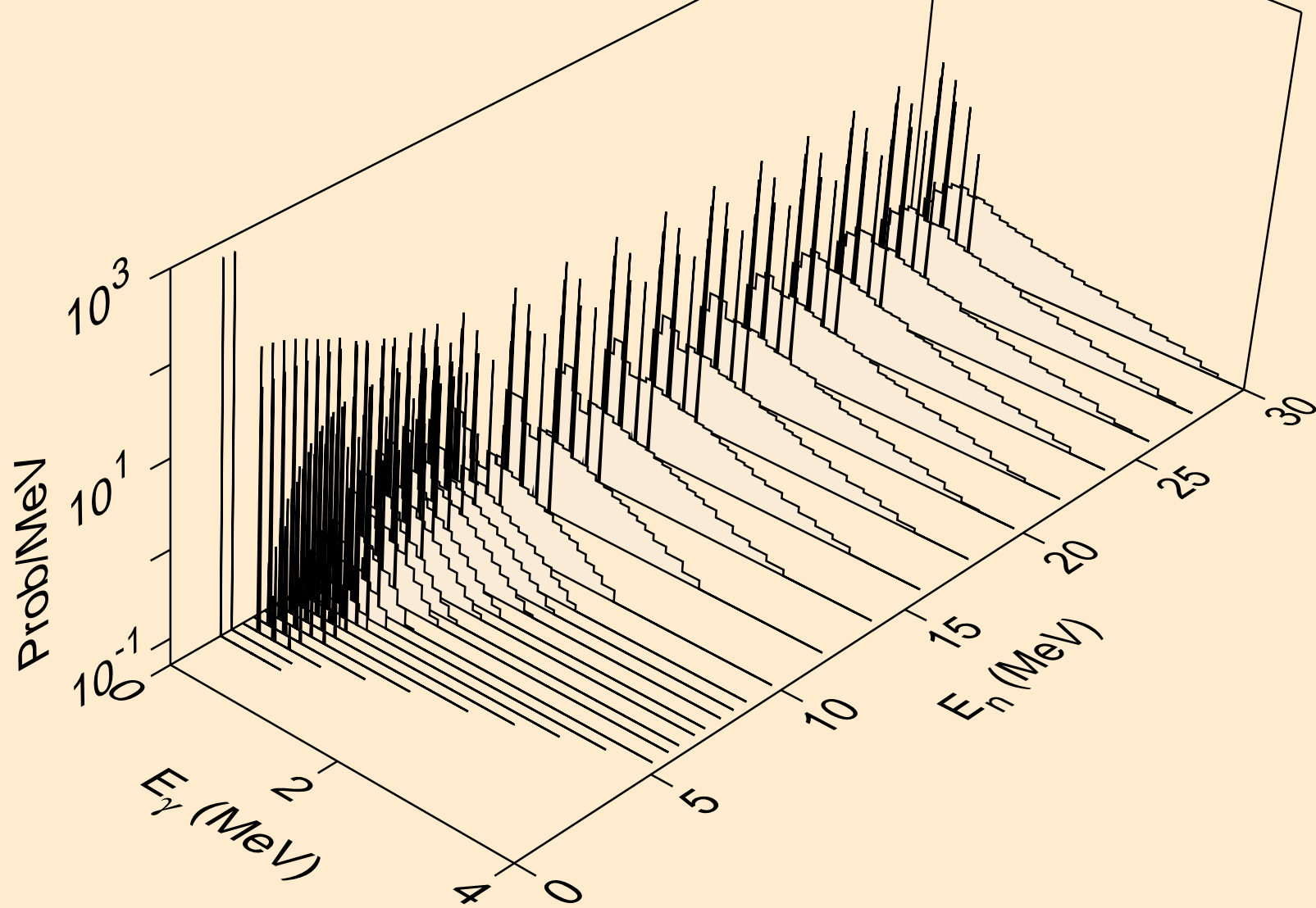
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



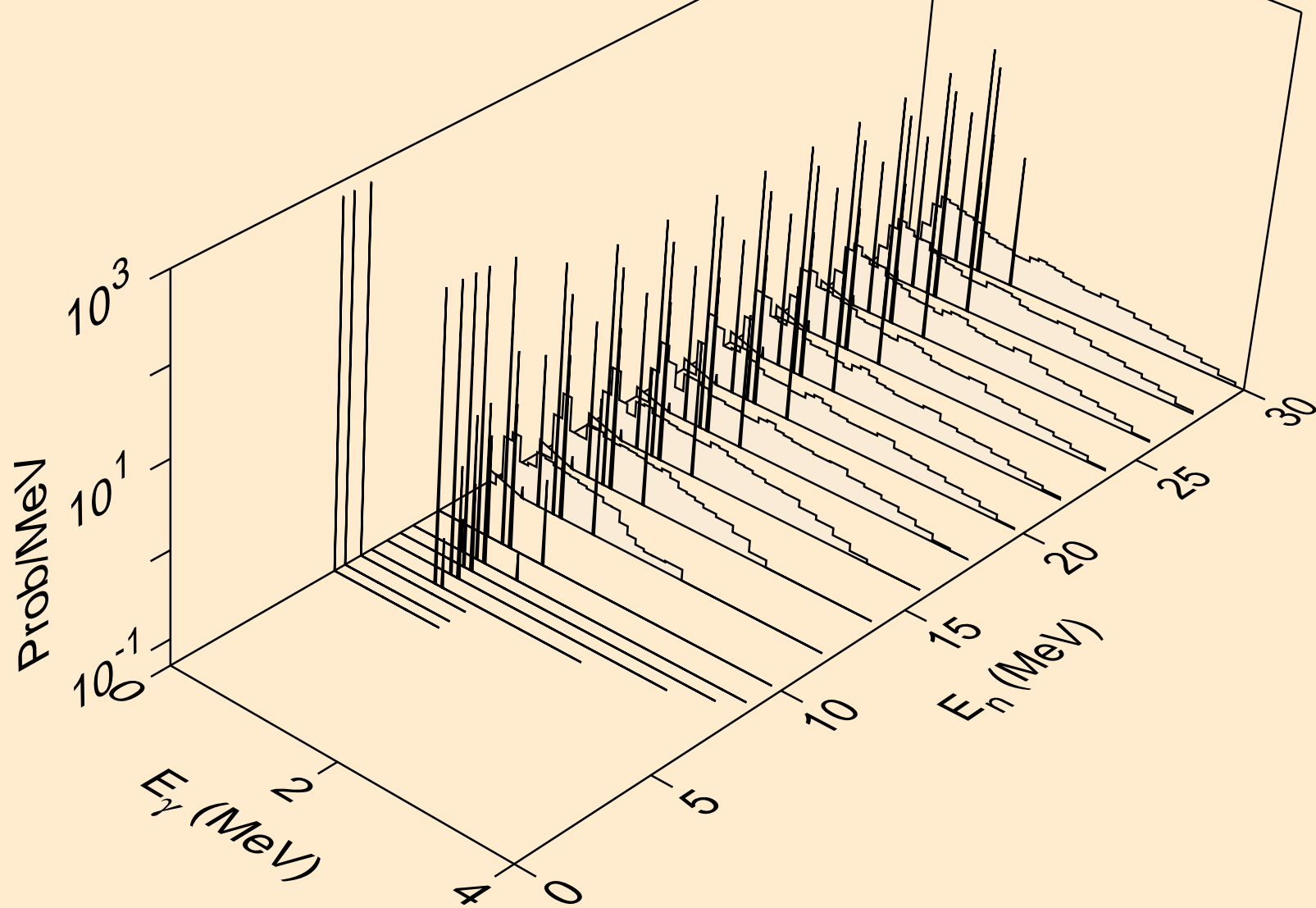
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



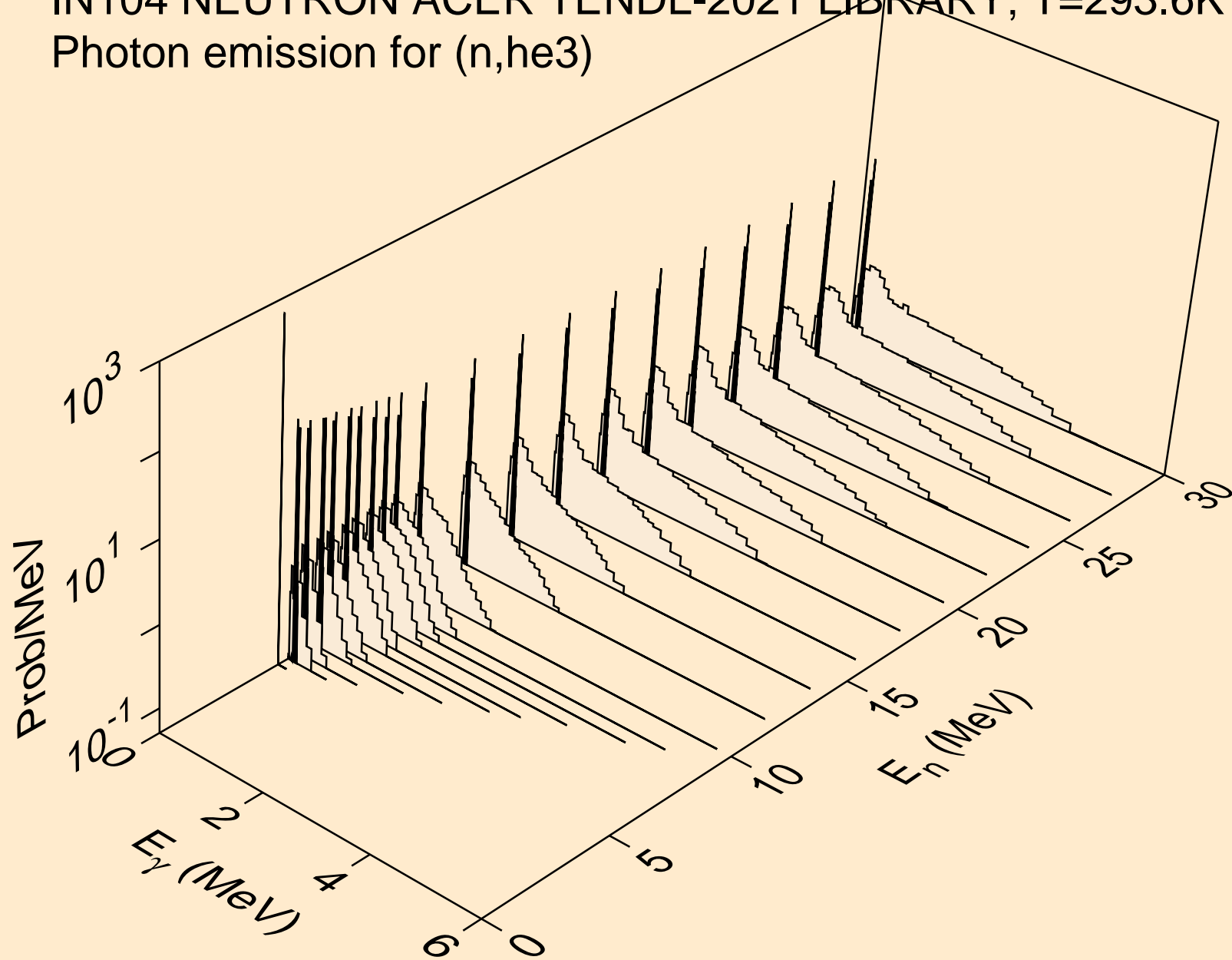
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



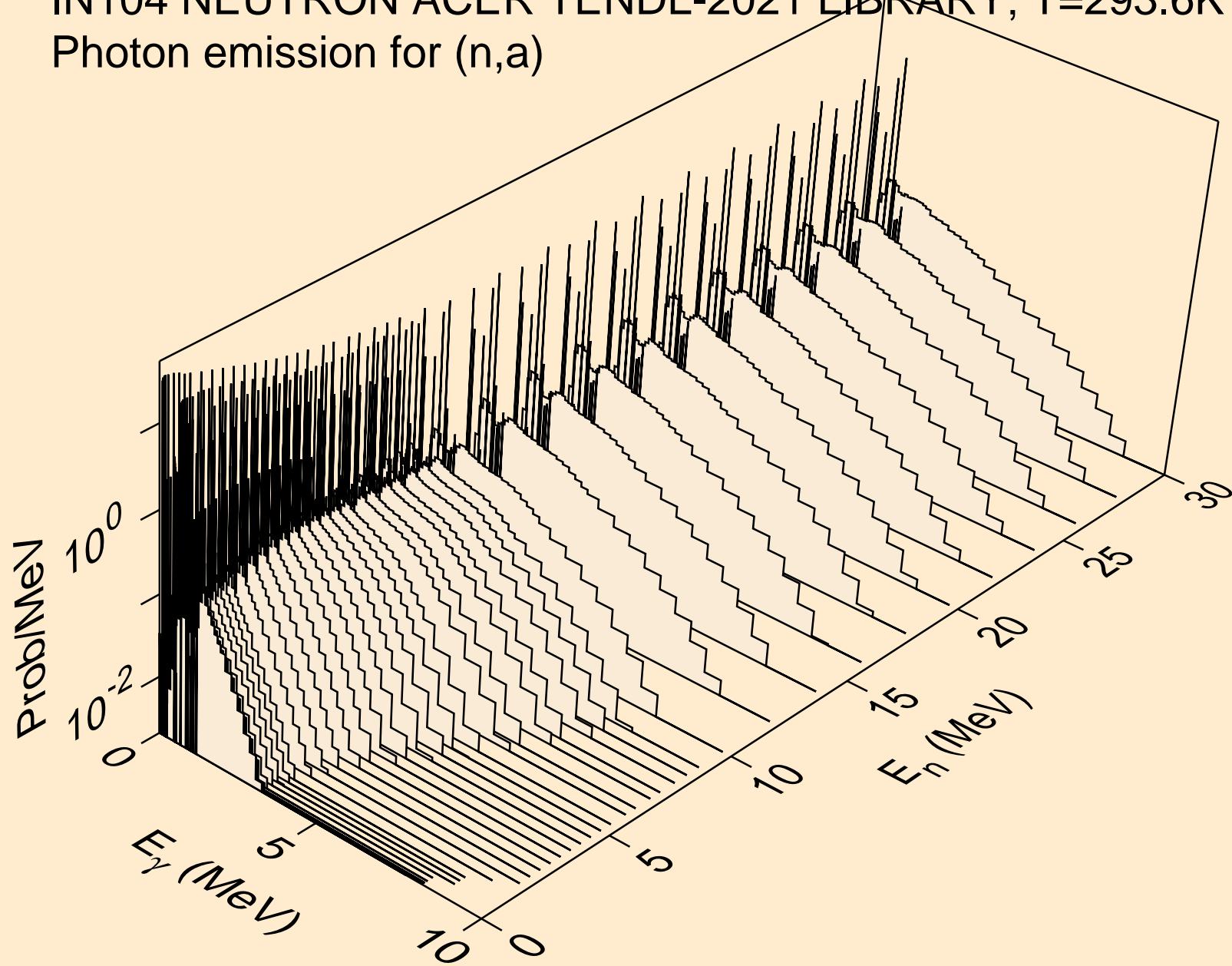
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



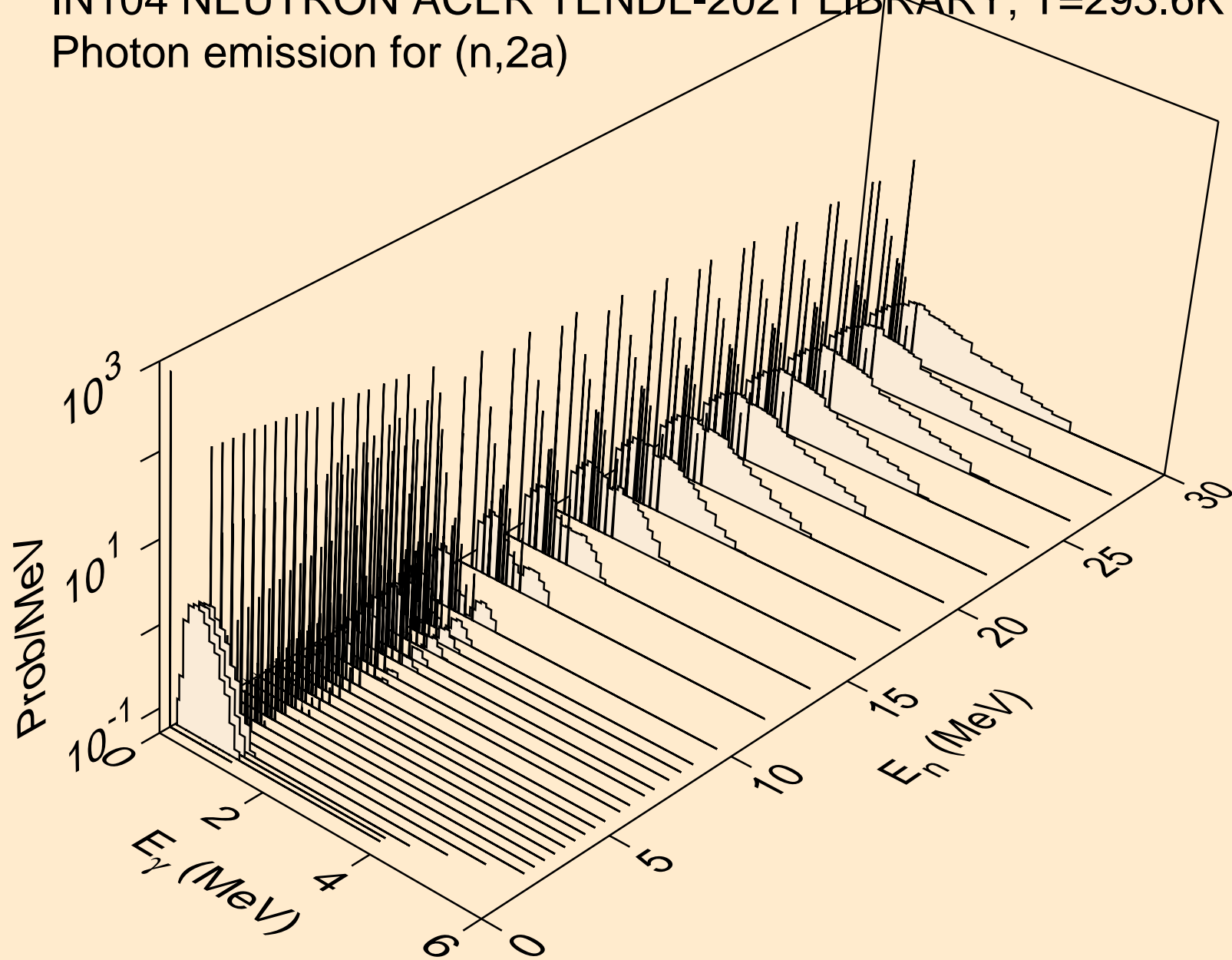
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

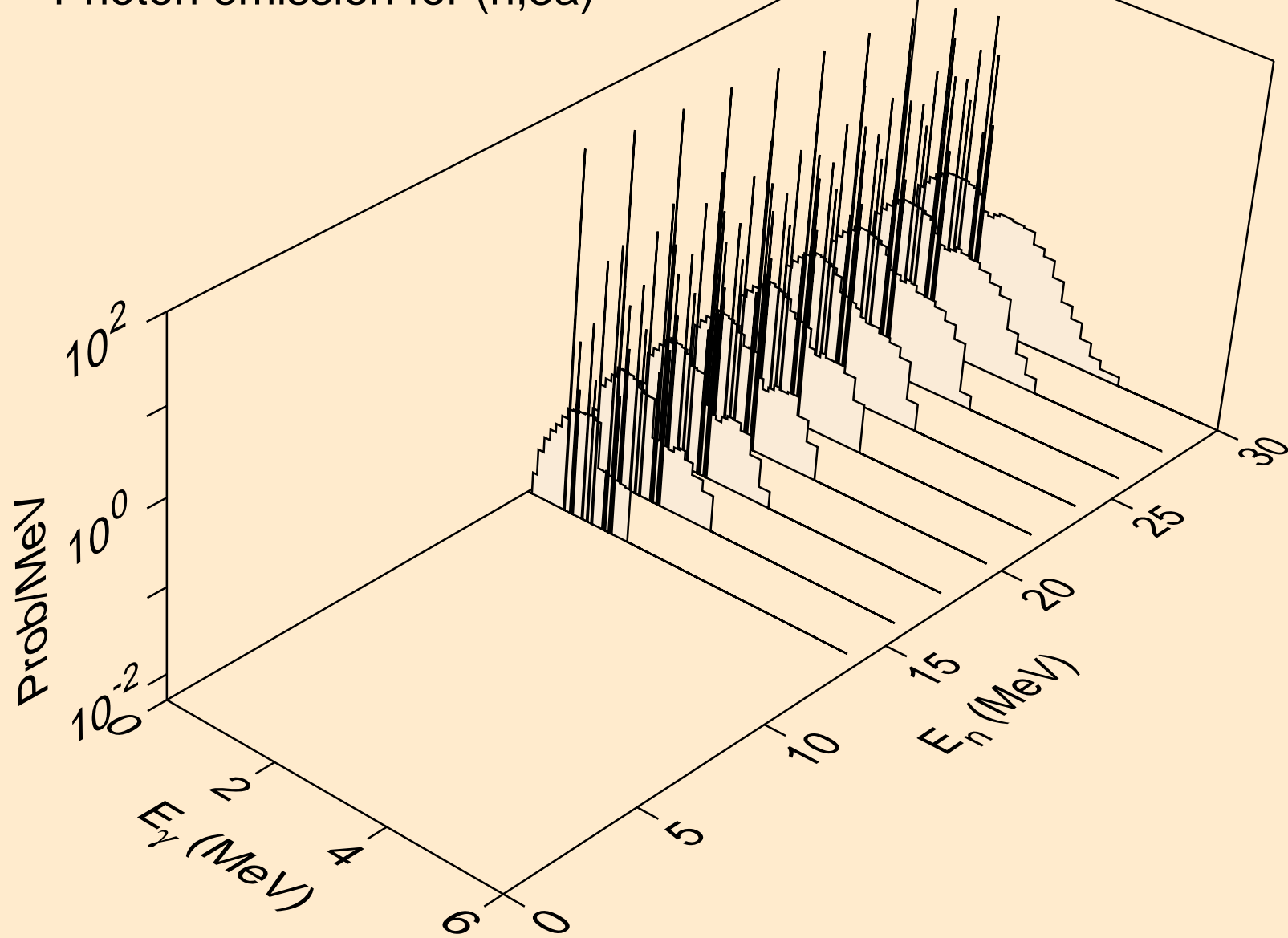


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)

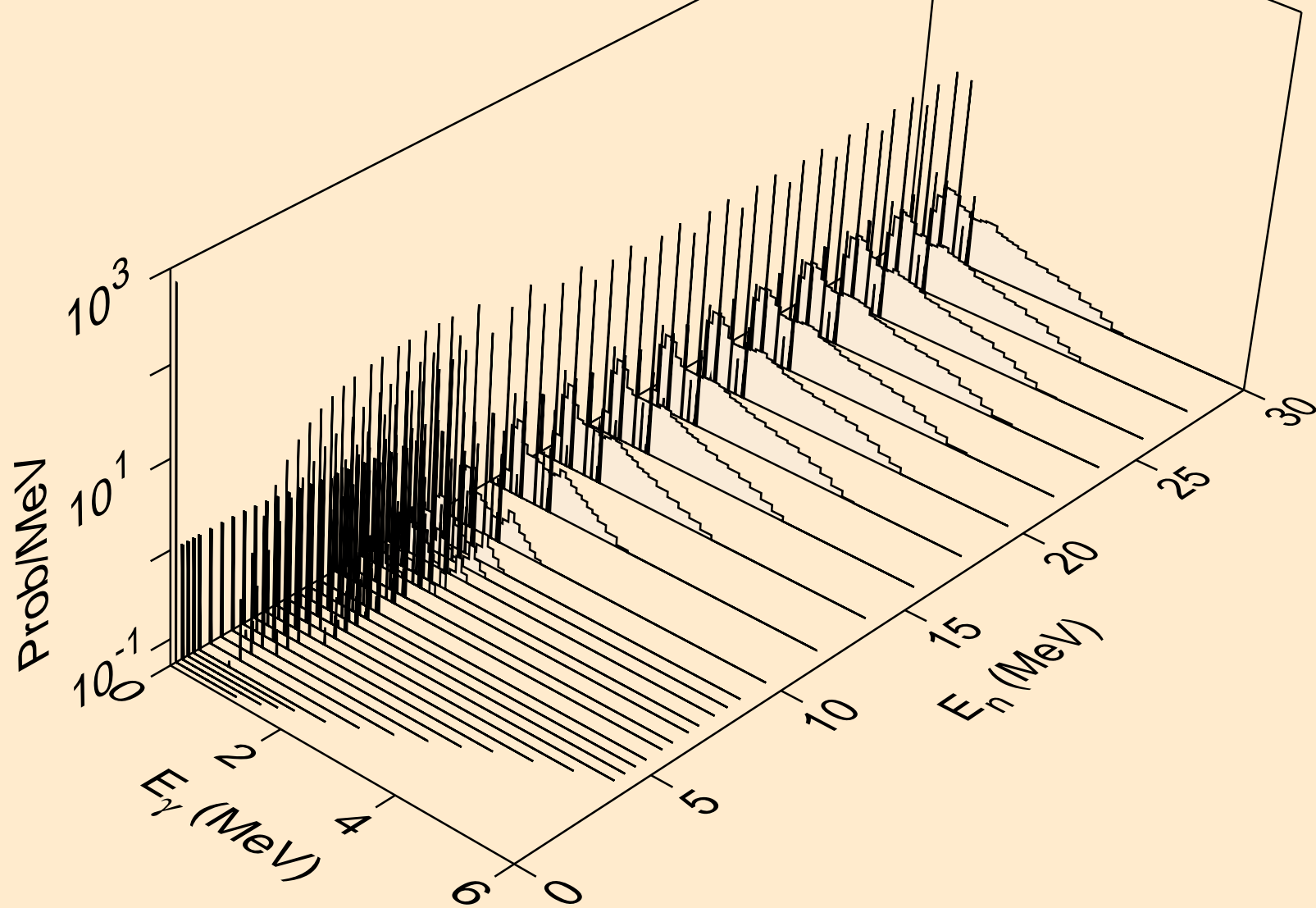




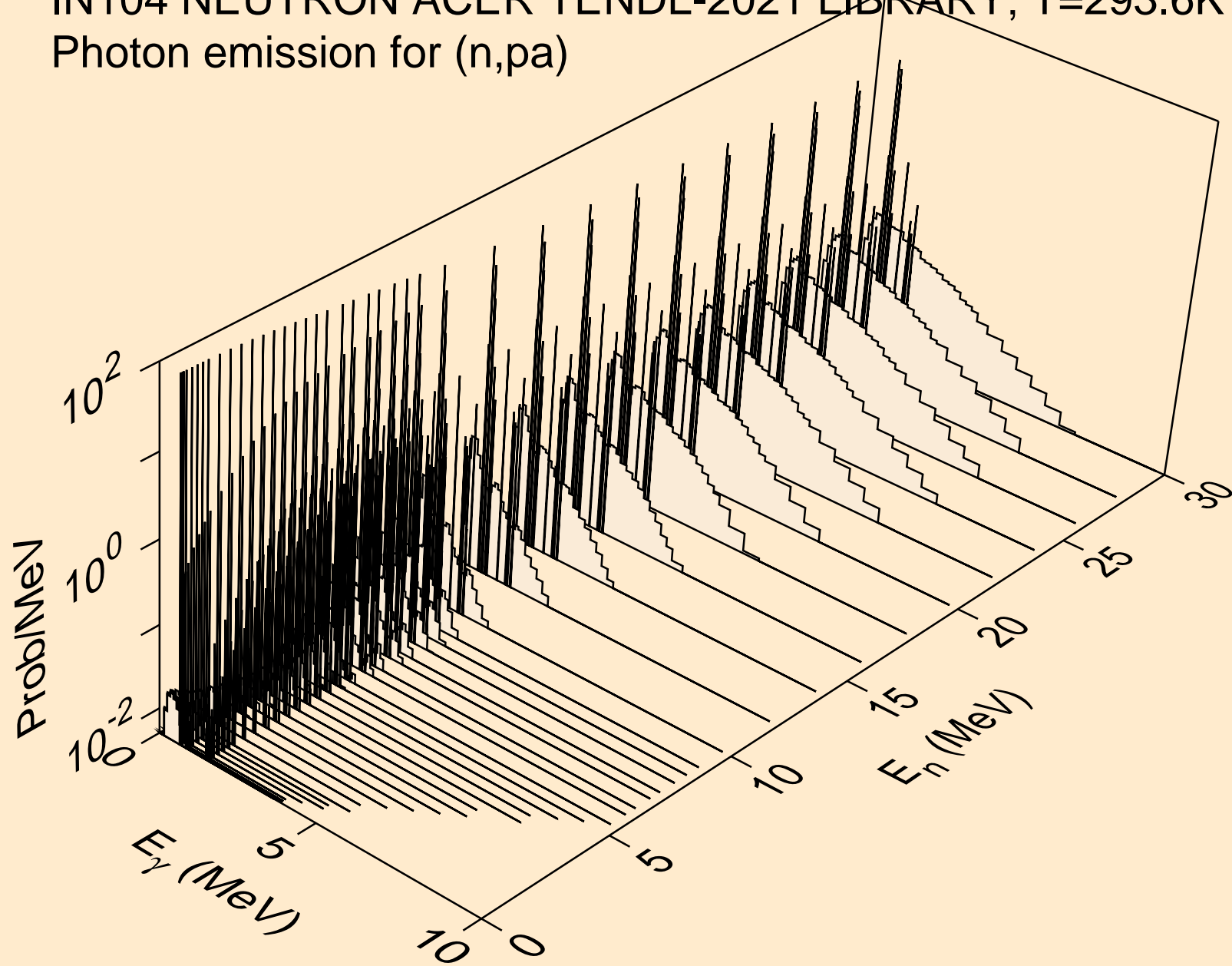
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



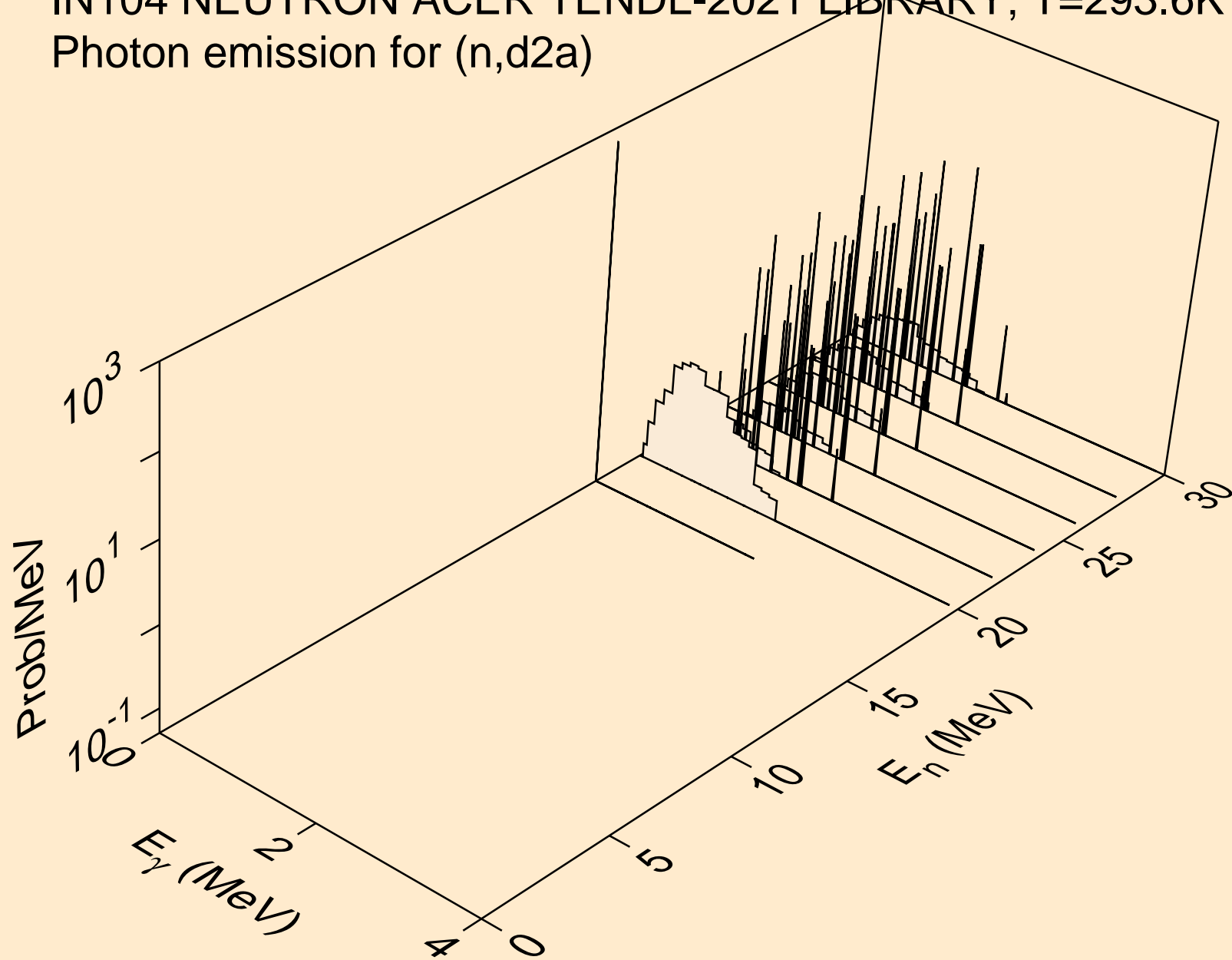
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



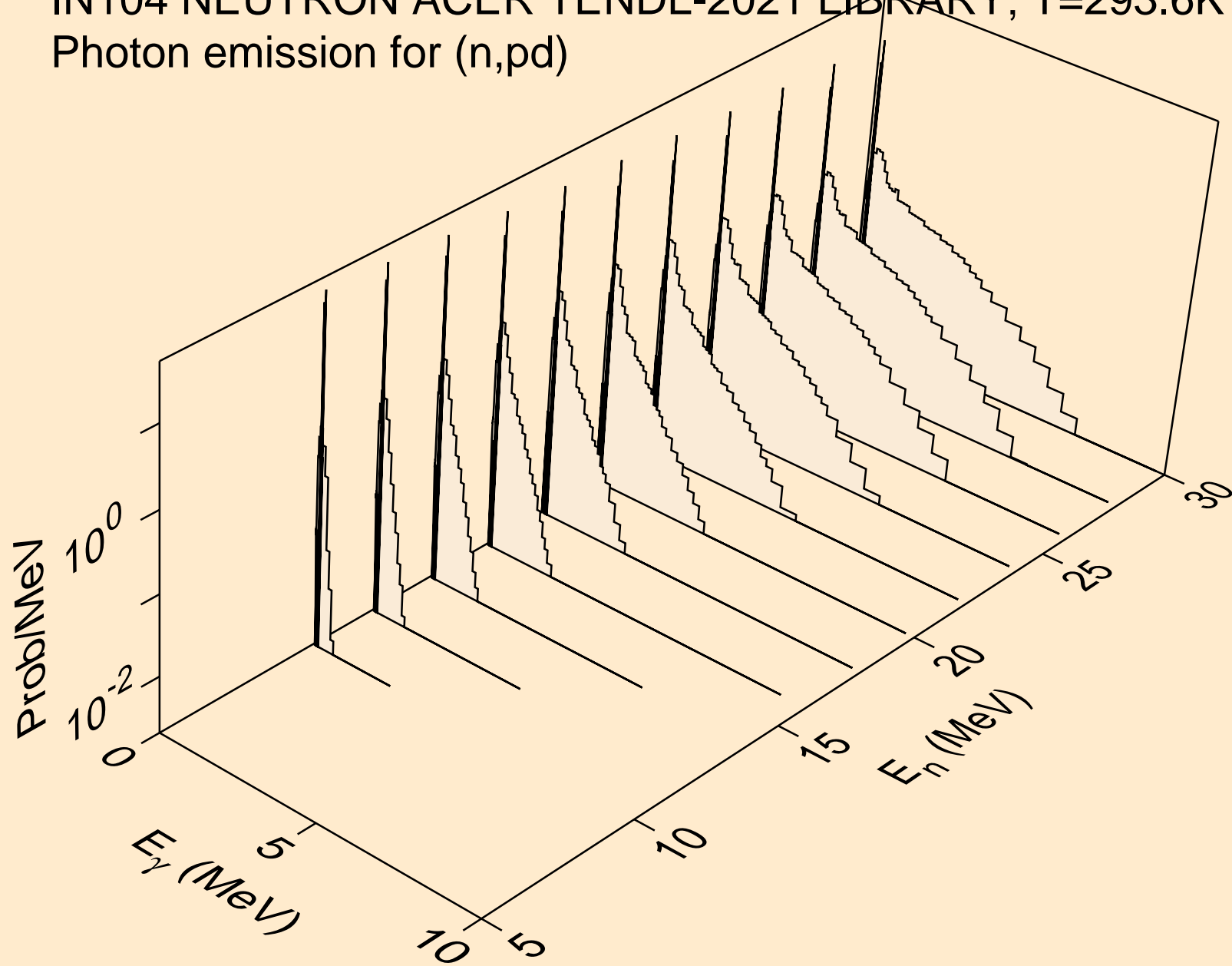
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



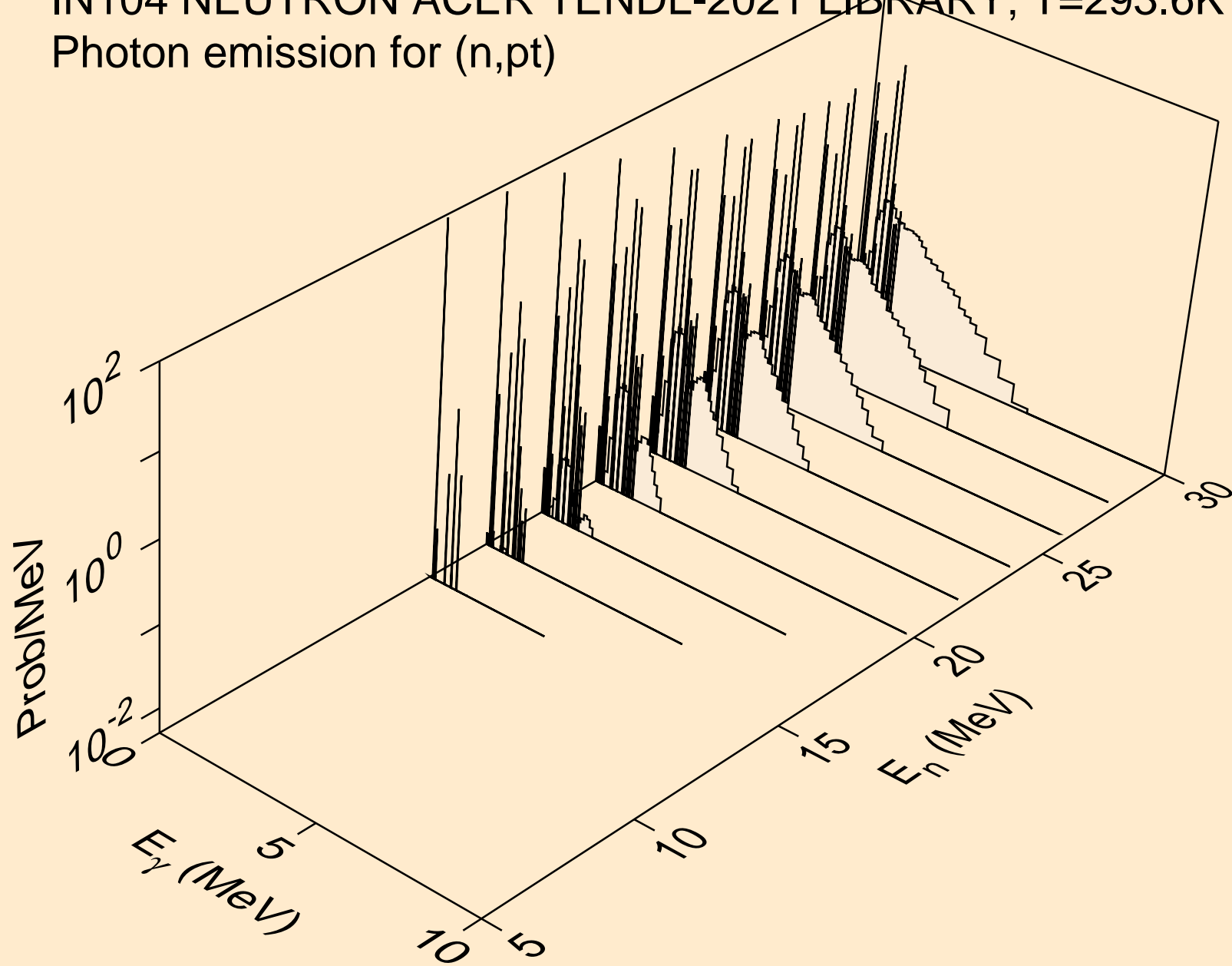
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



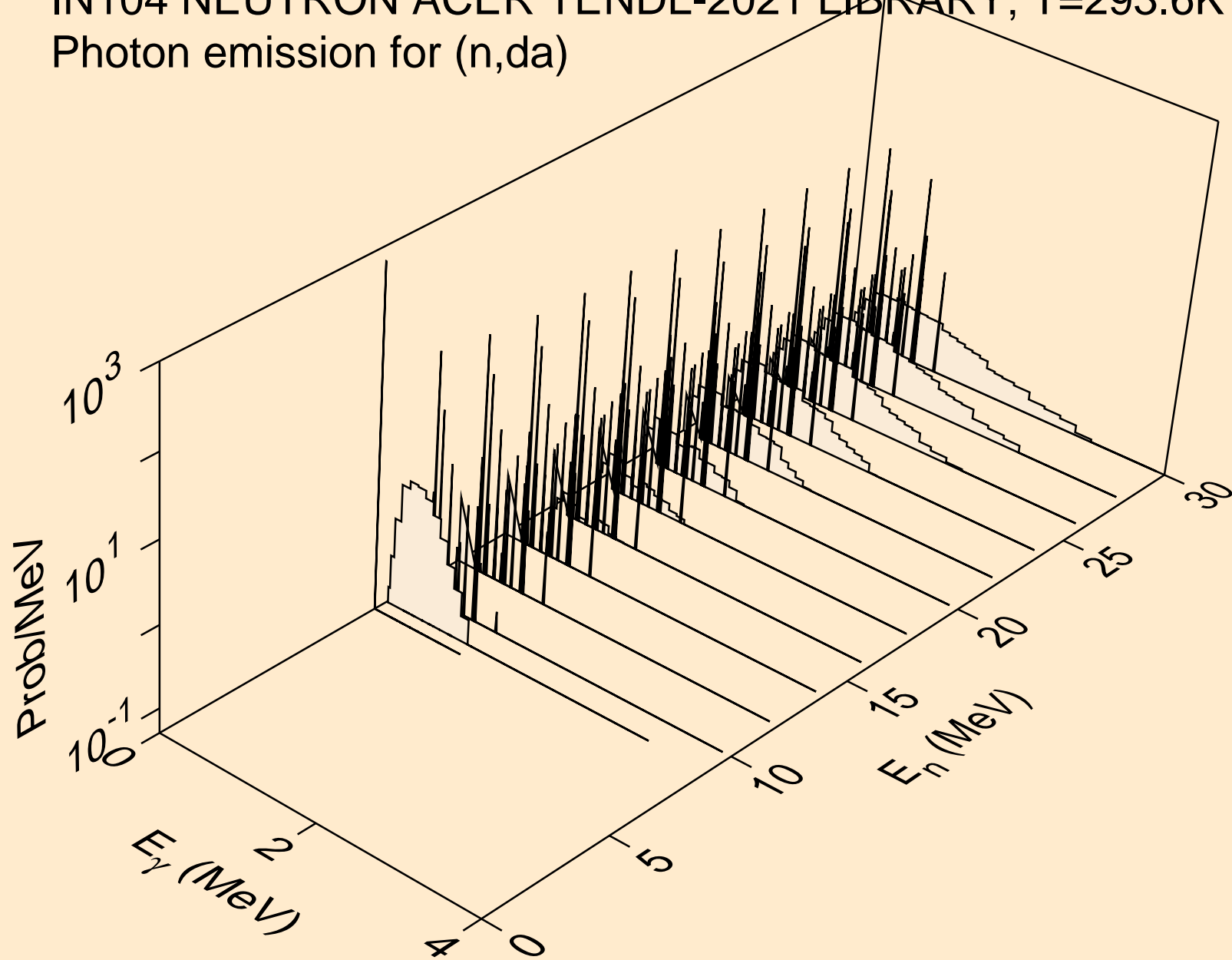
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



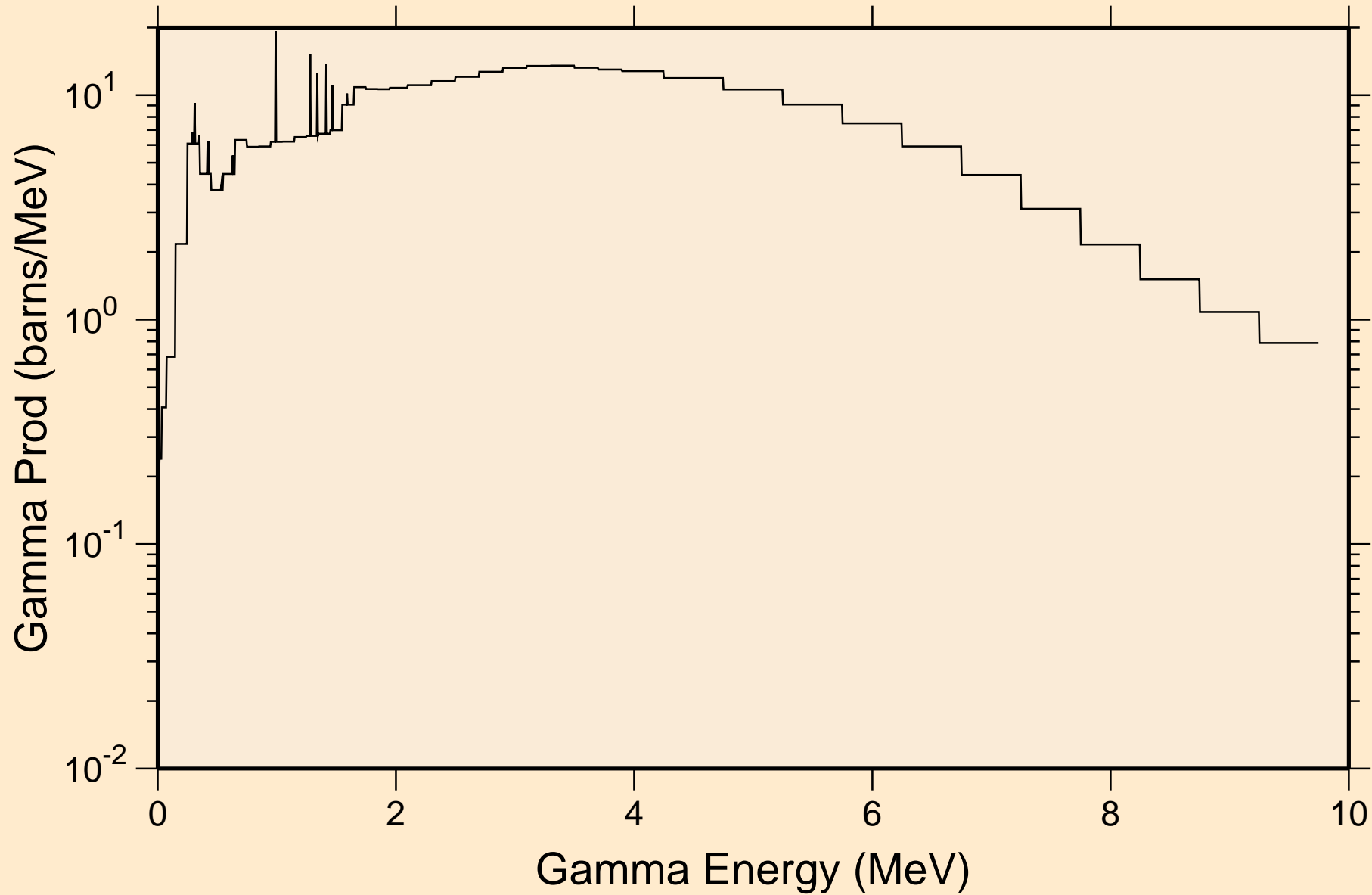
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

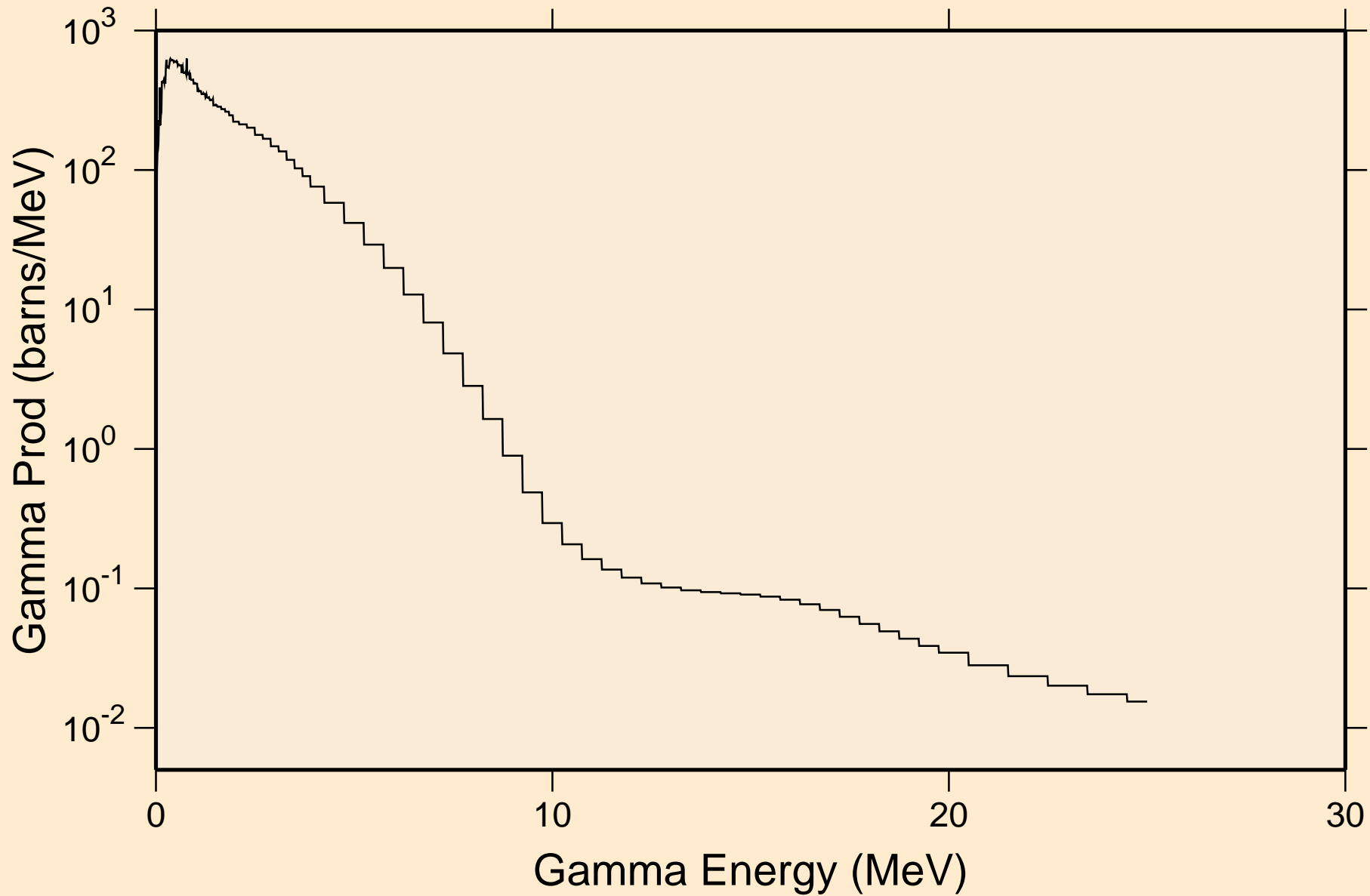


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



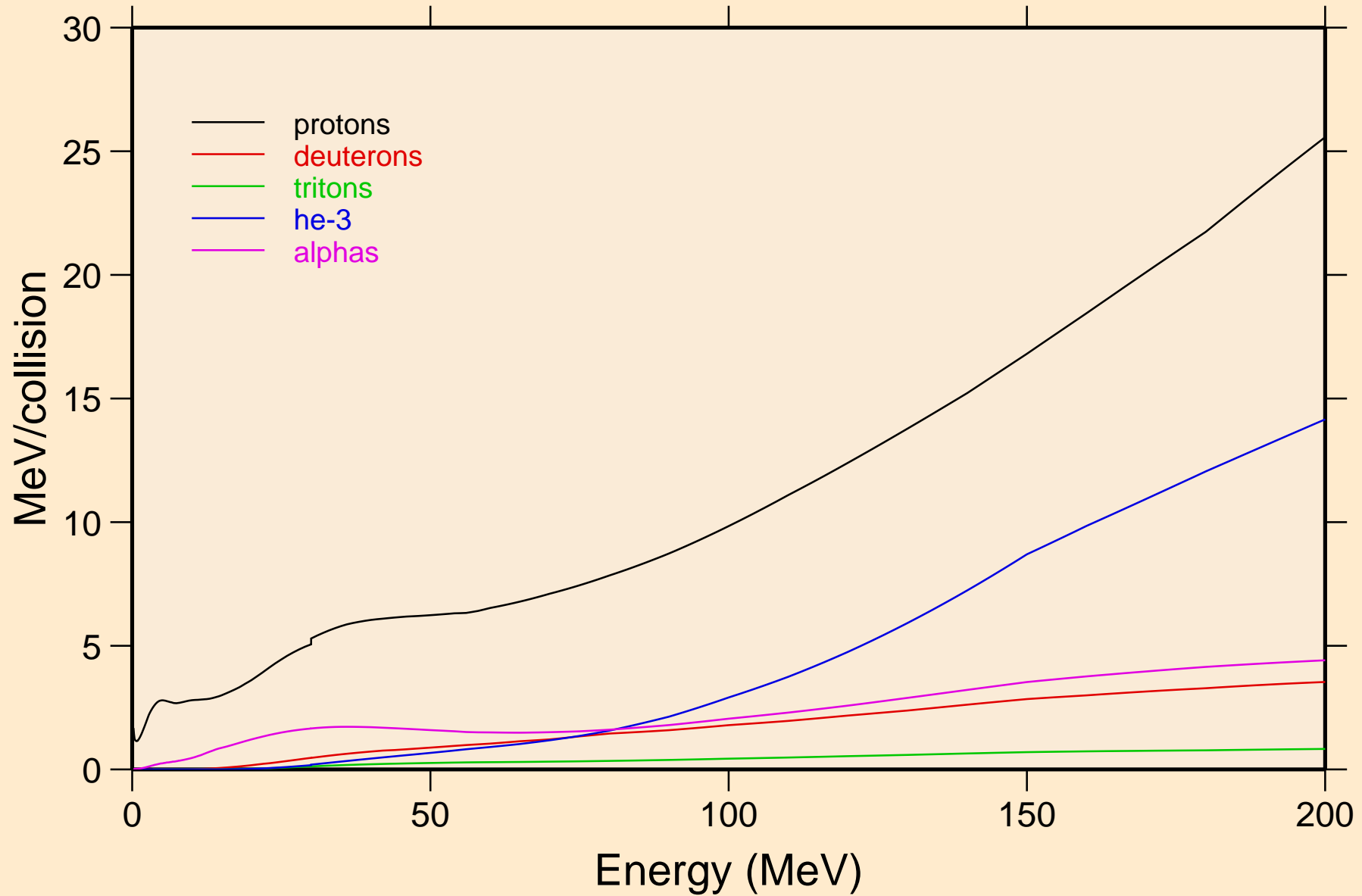


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

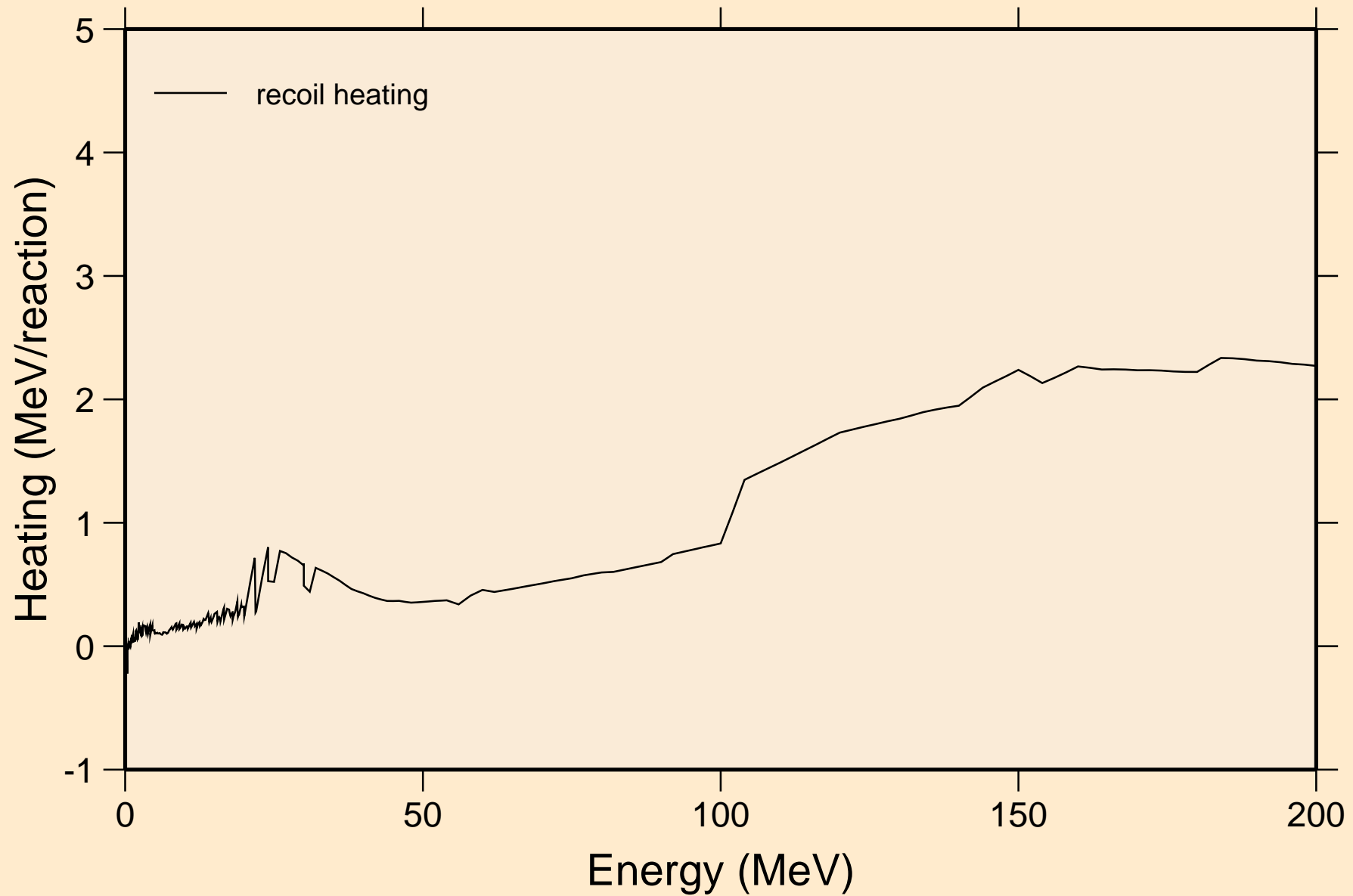


# IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

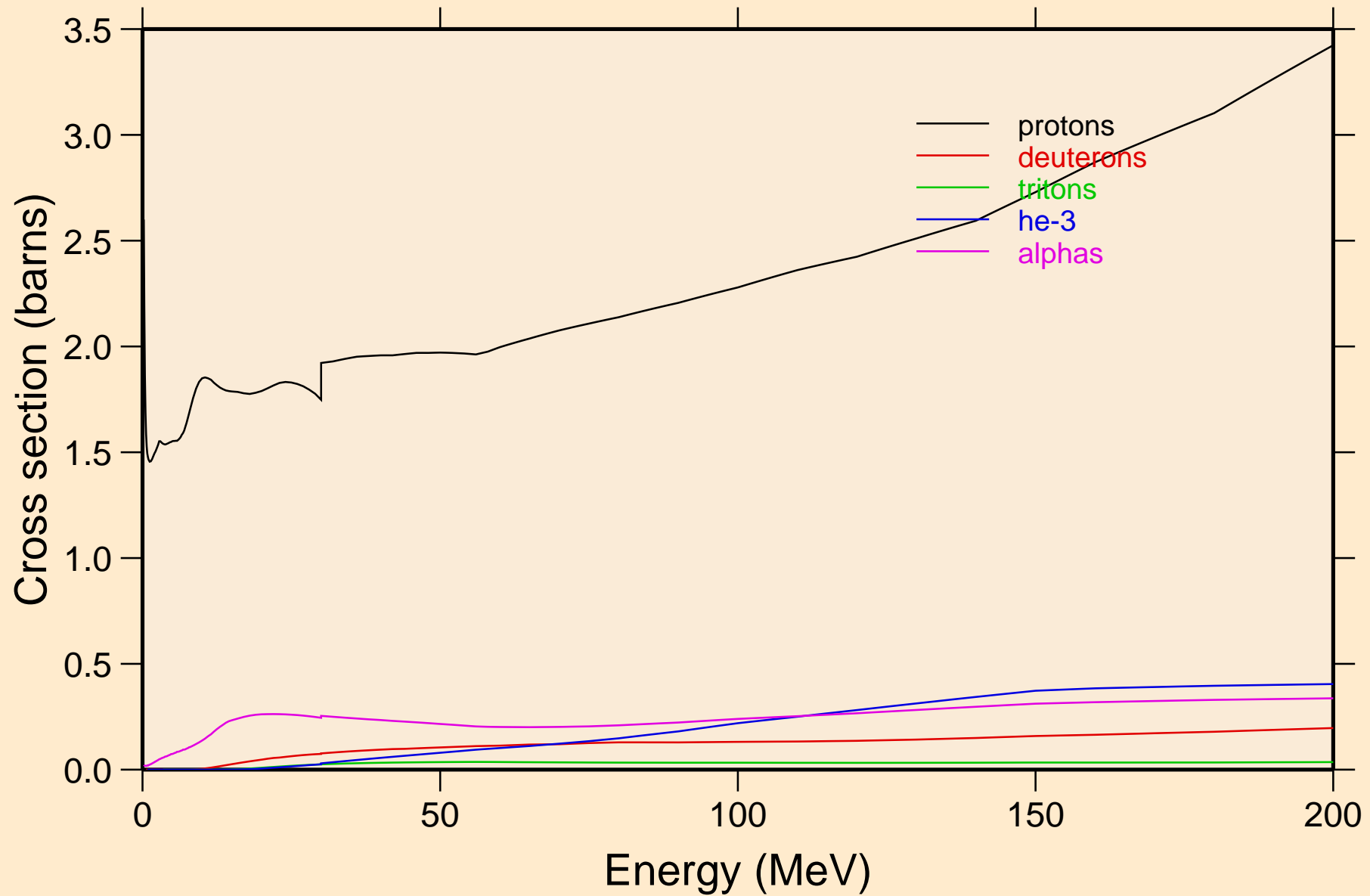
## Particle heating contributions



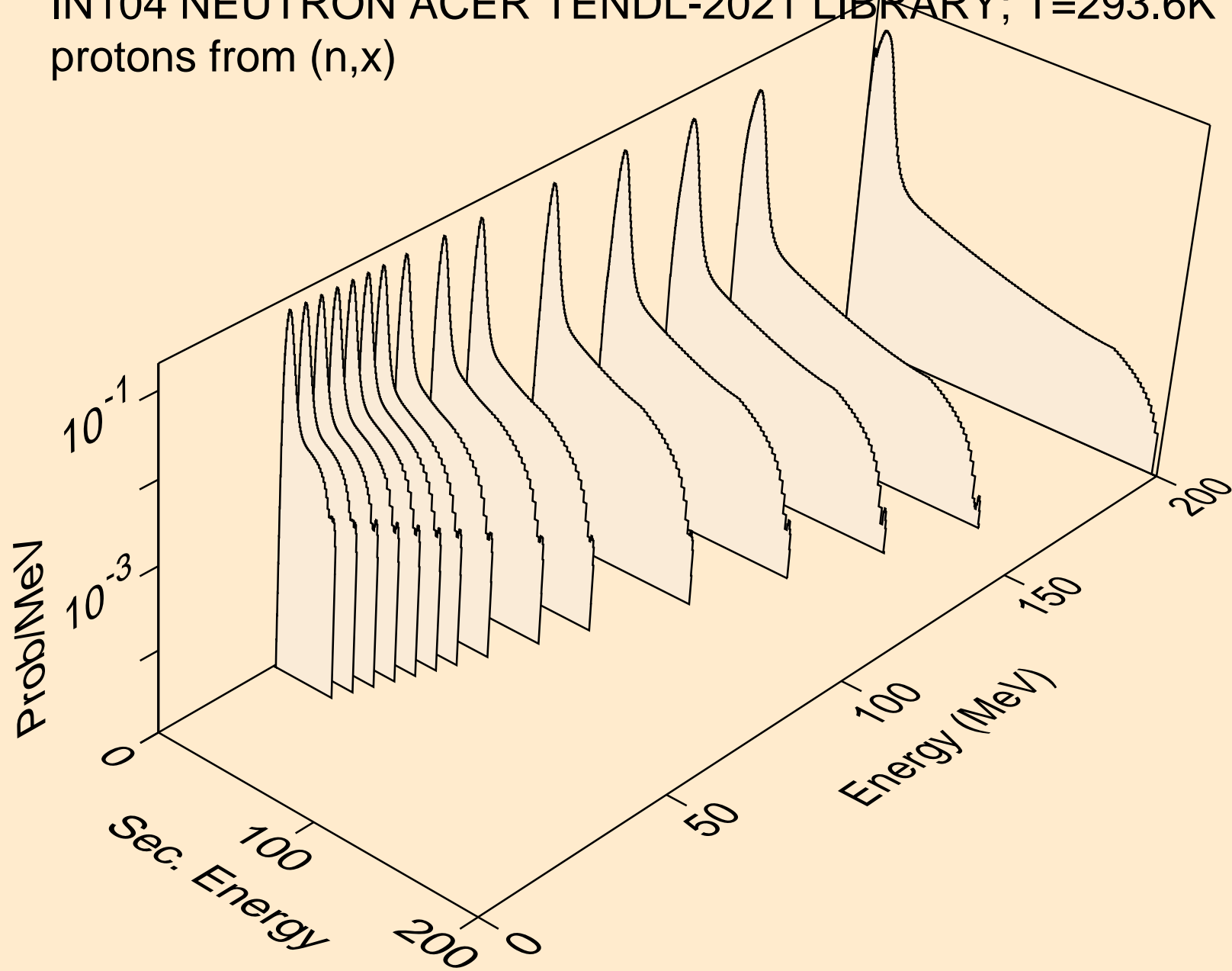
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



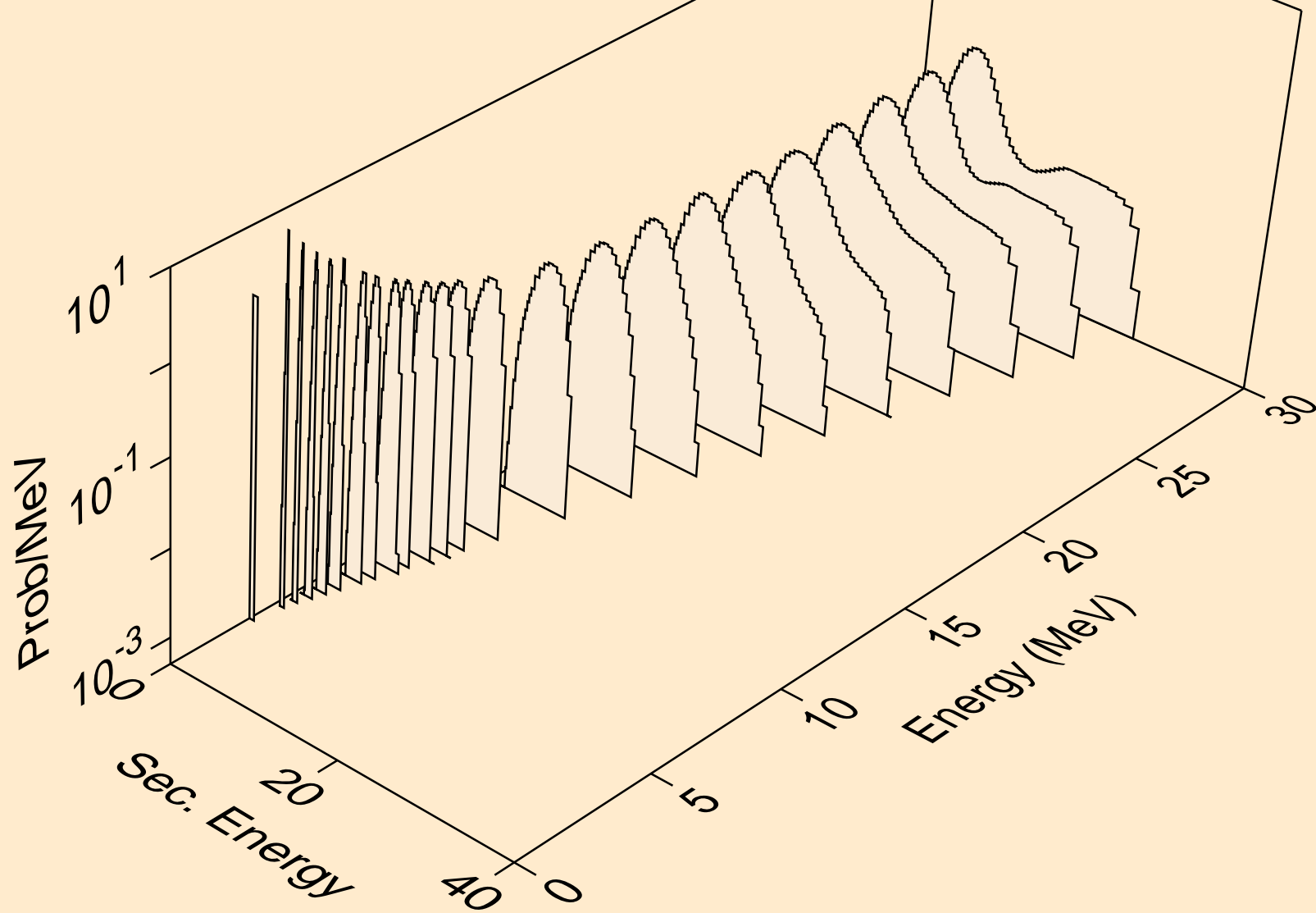
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



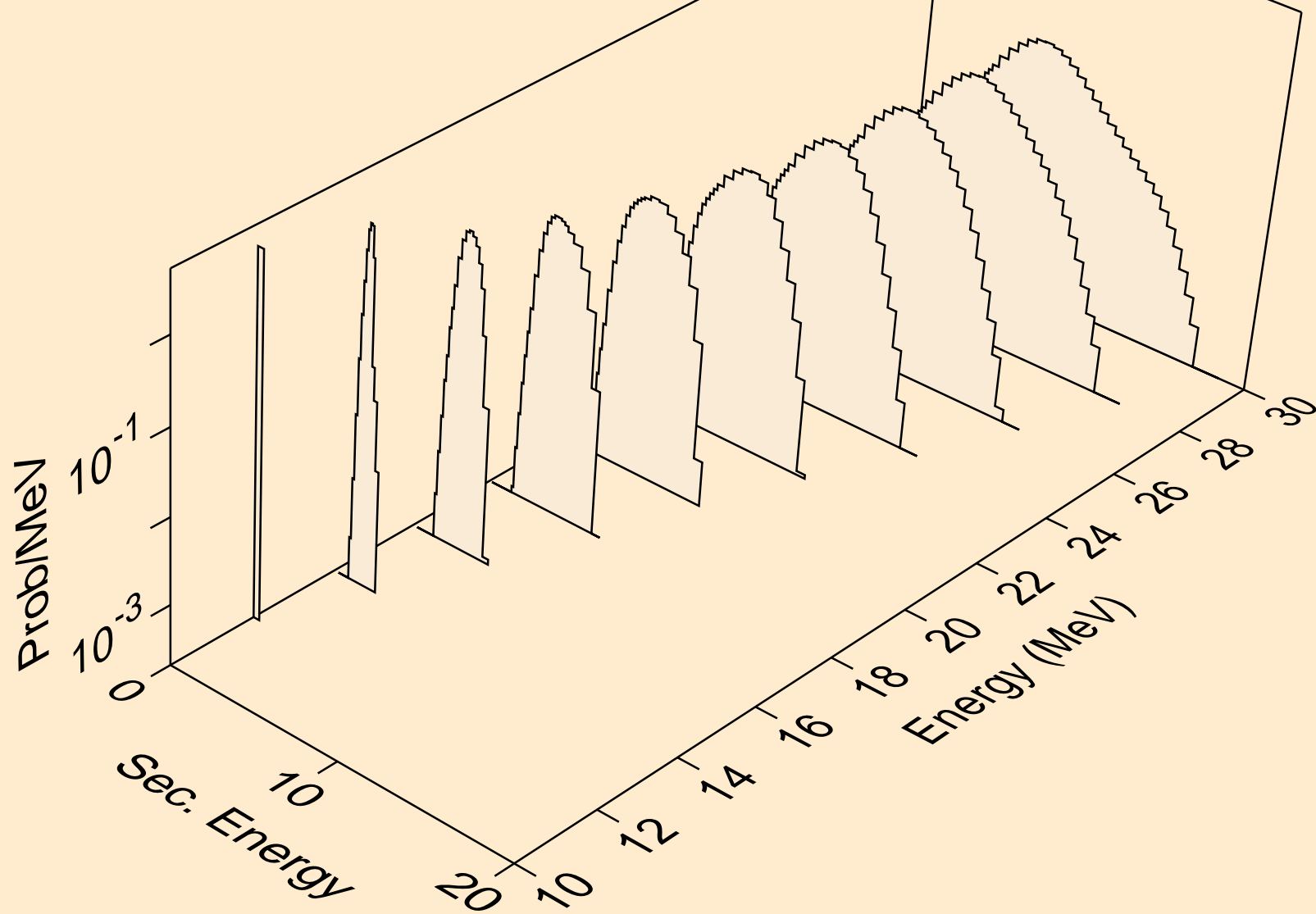
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



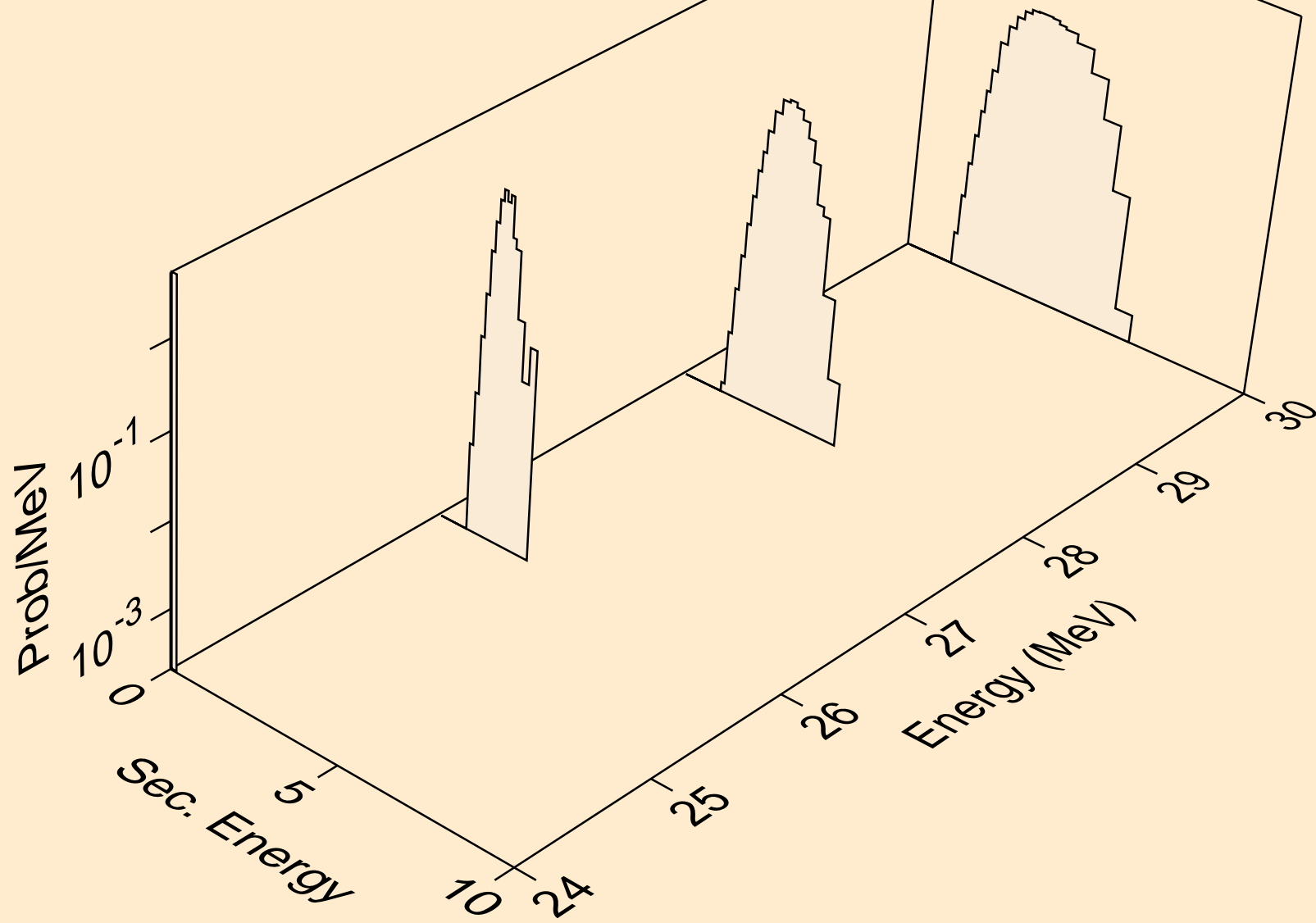
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

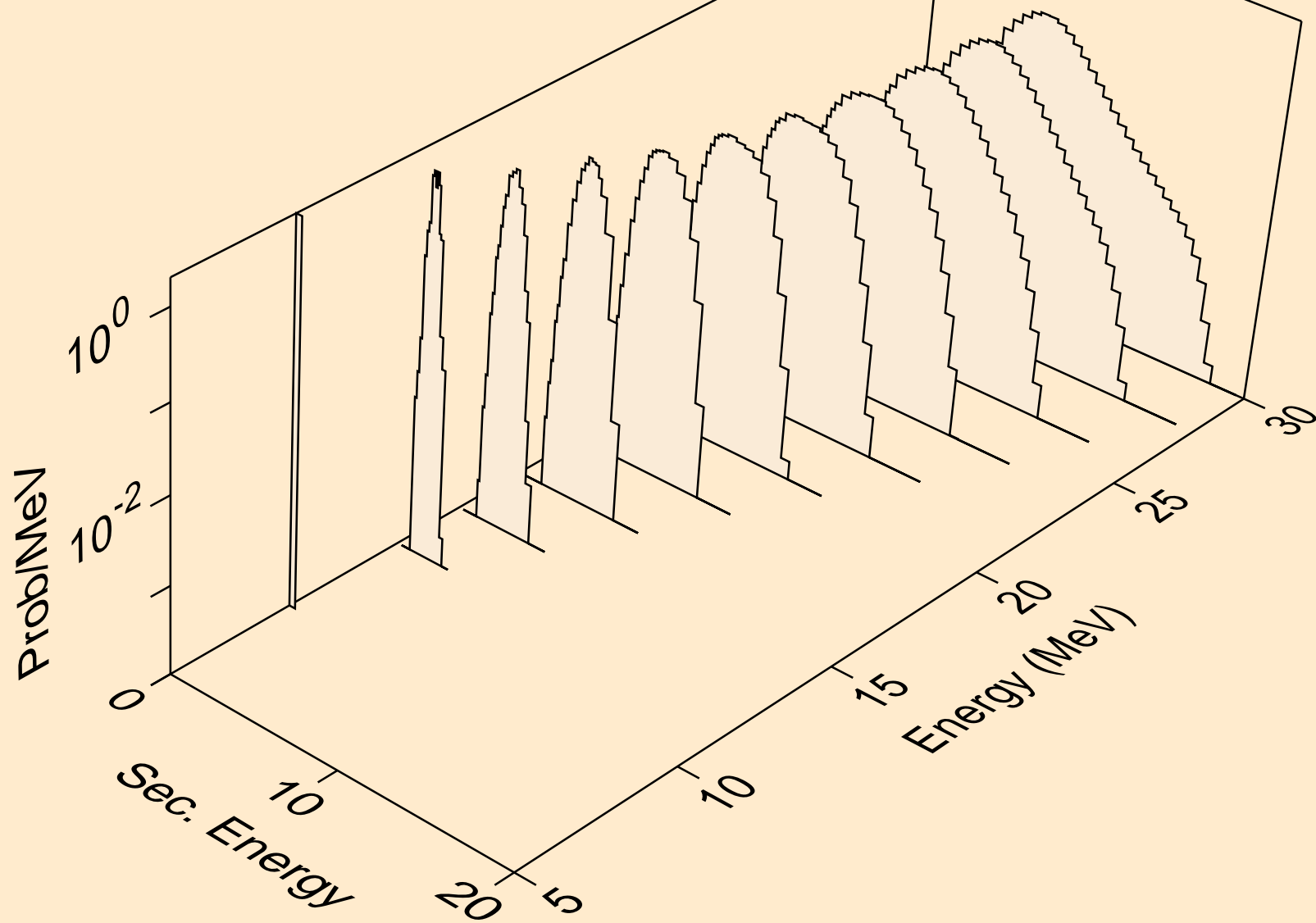


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)

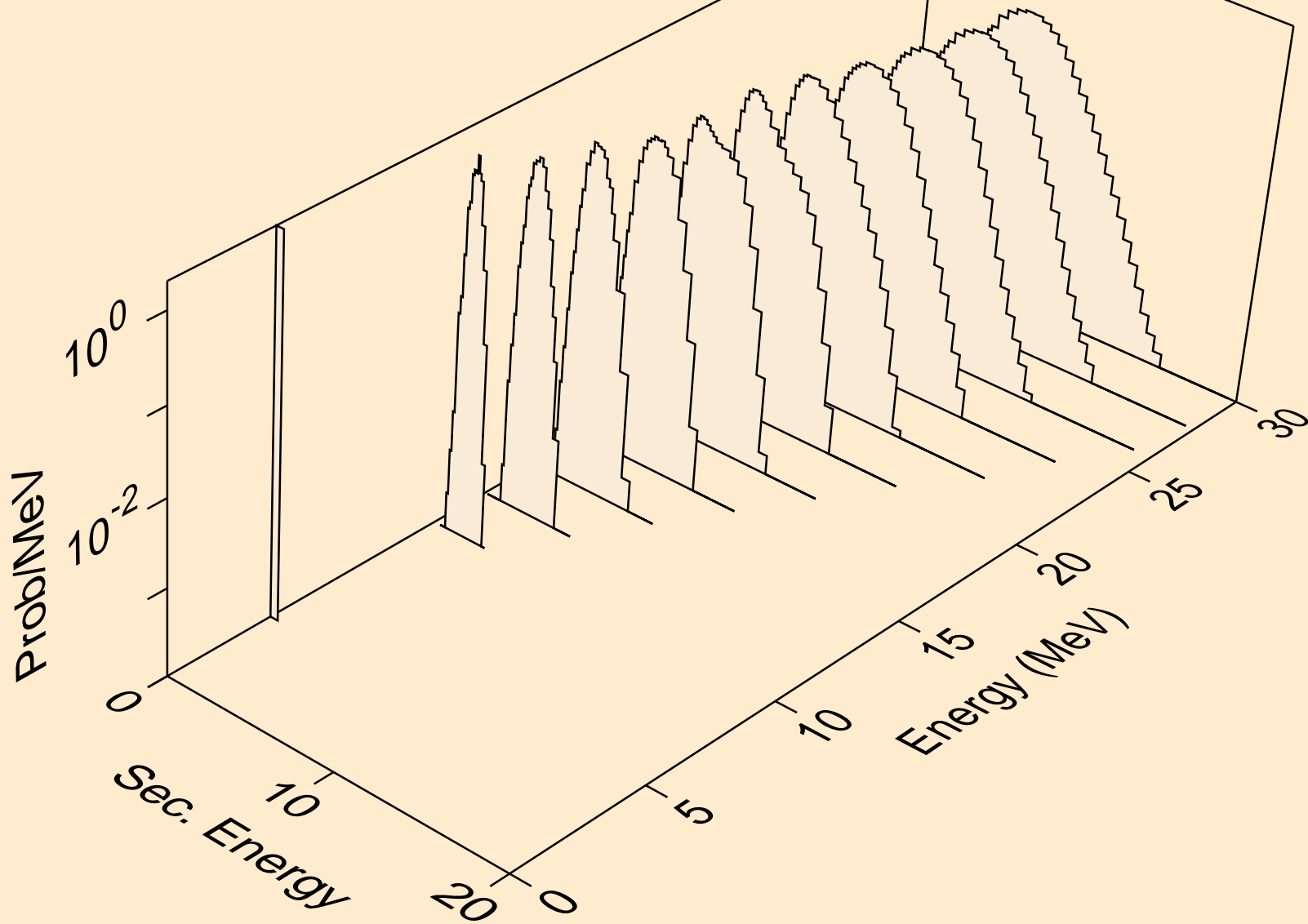




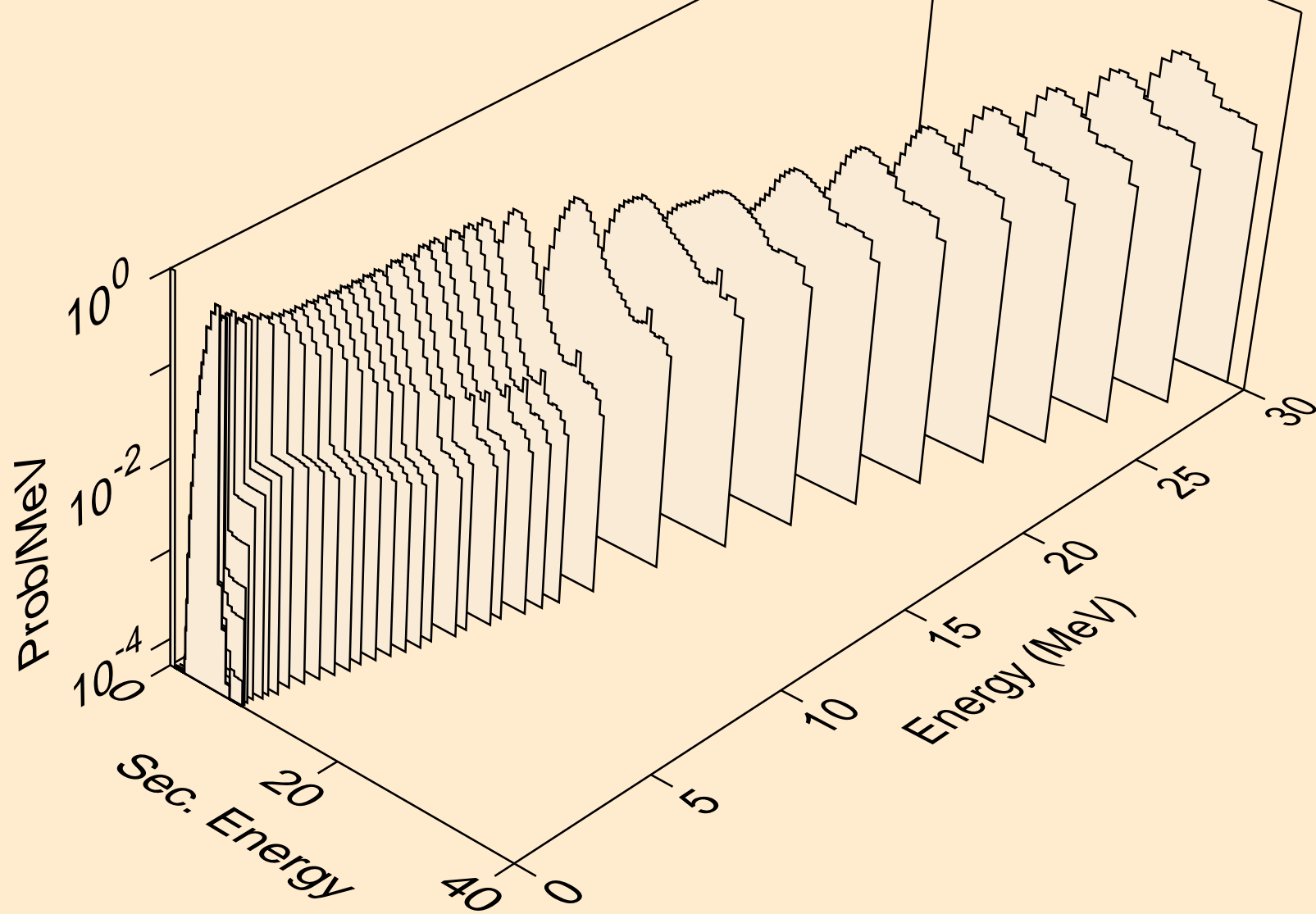
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protons from (n,2np)



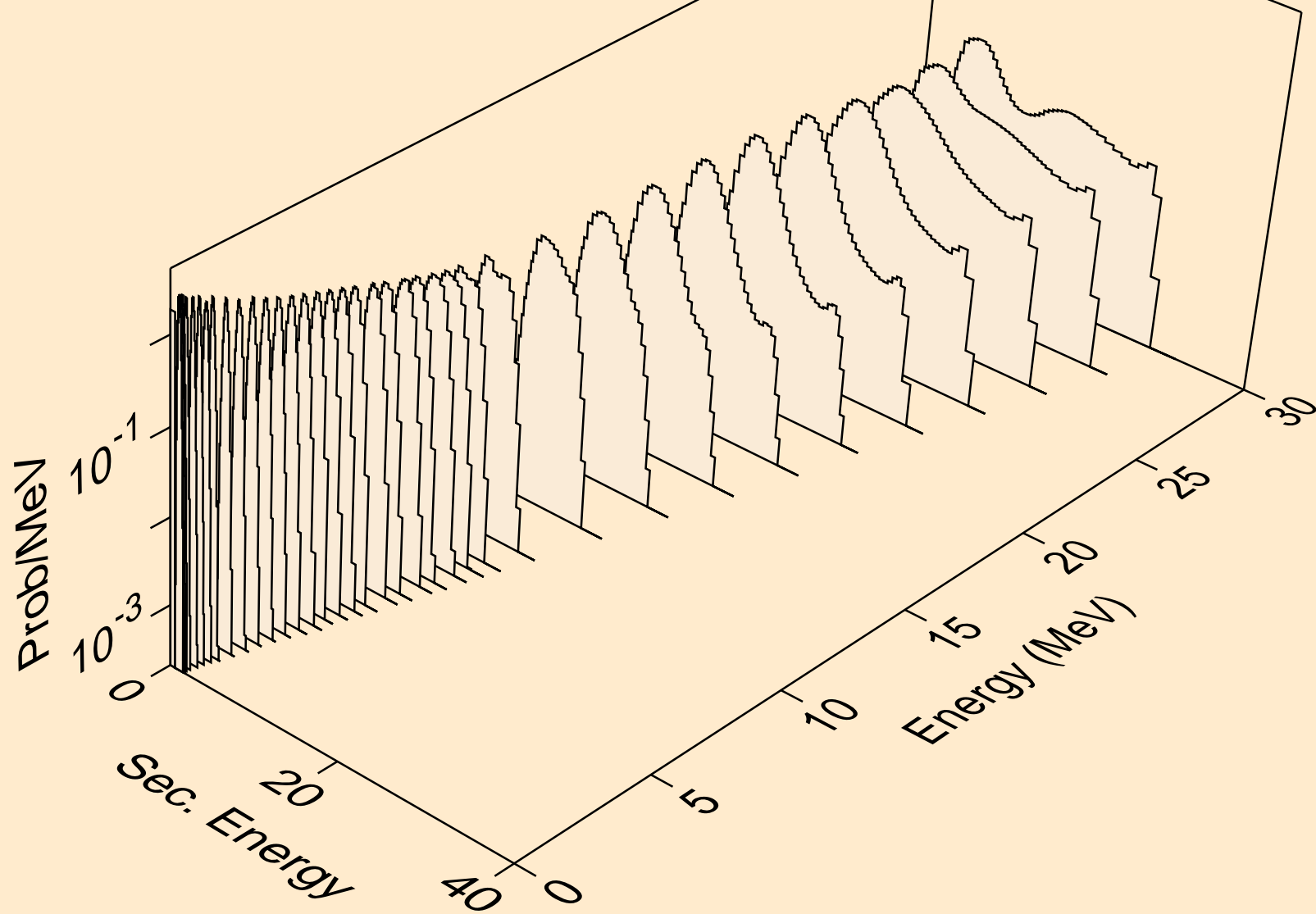
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



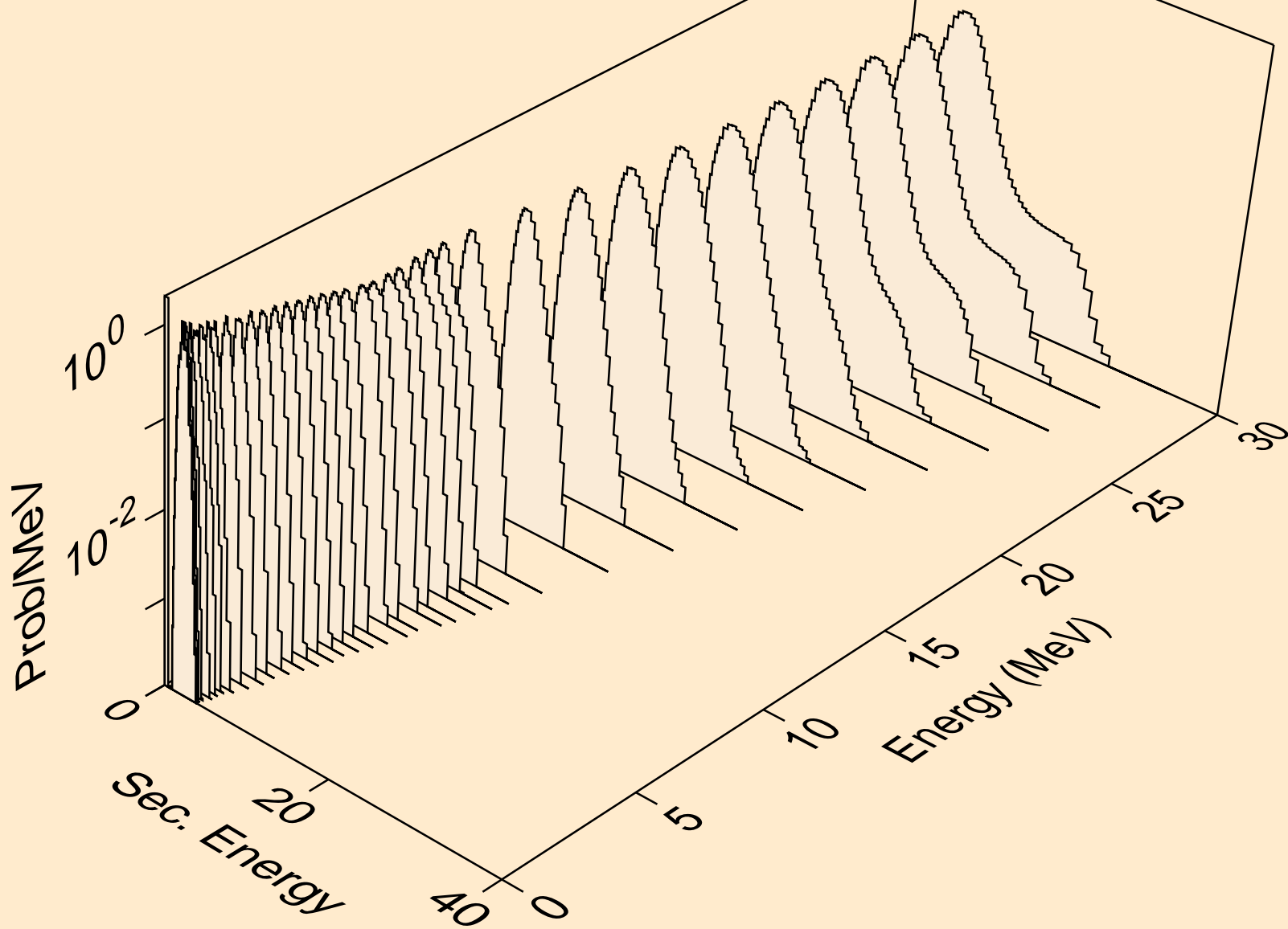
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



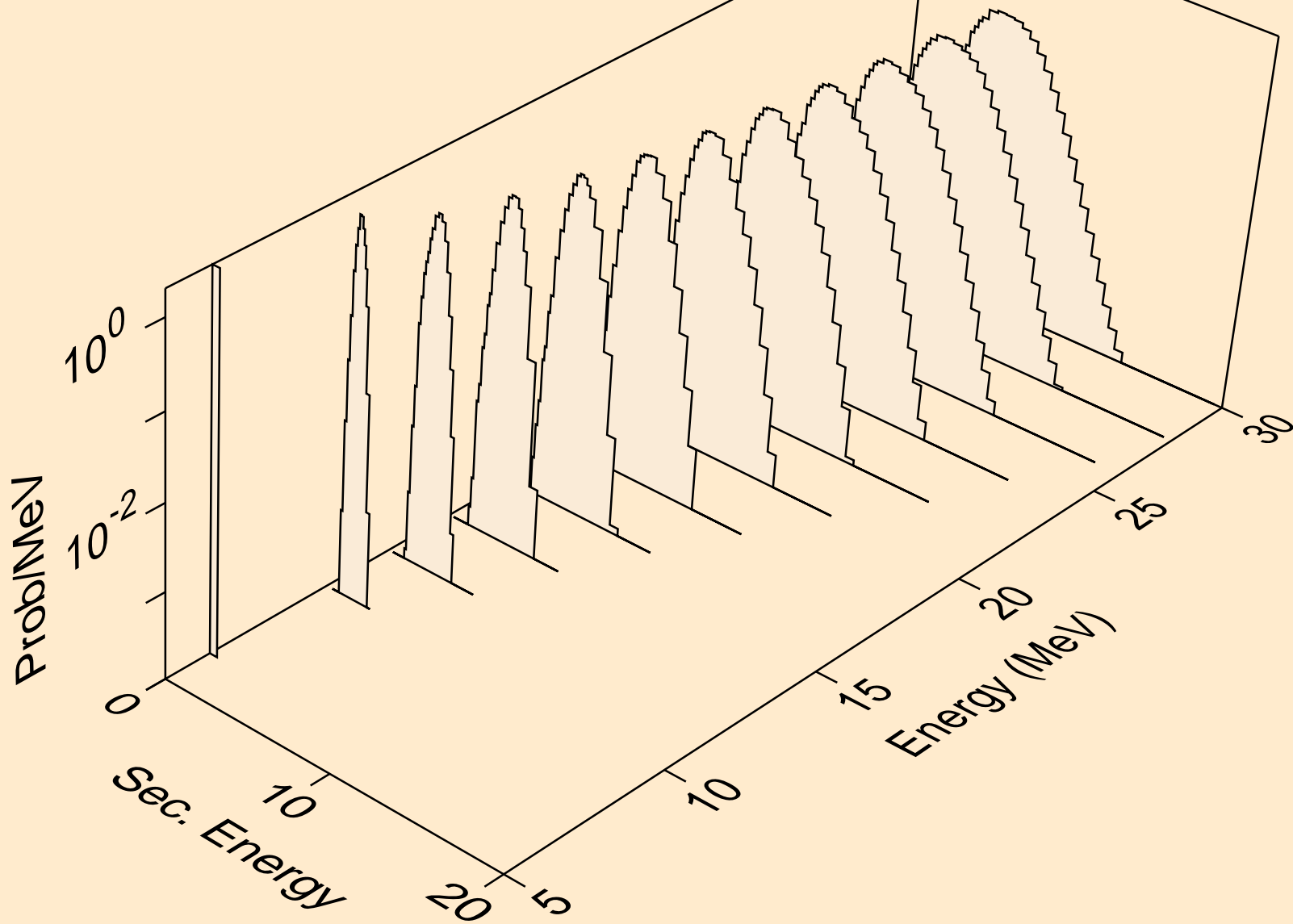
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



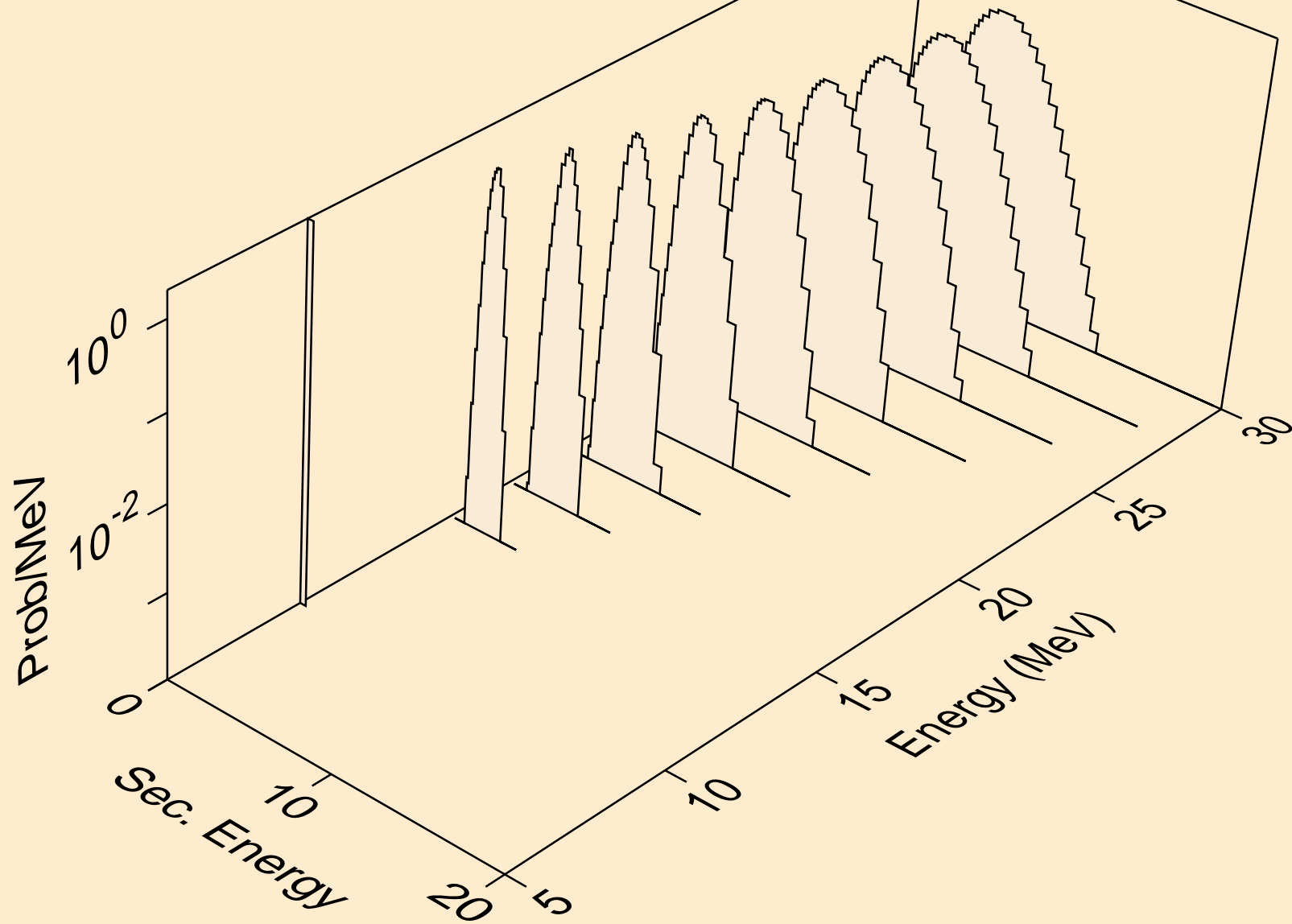
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protons from (n,p)



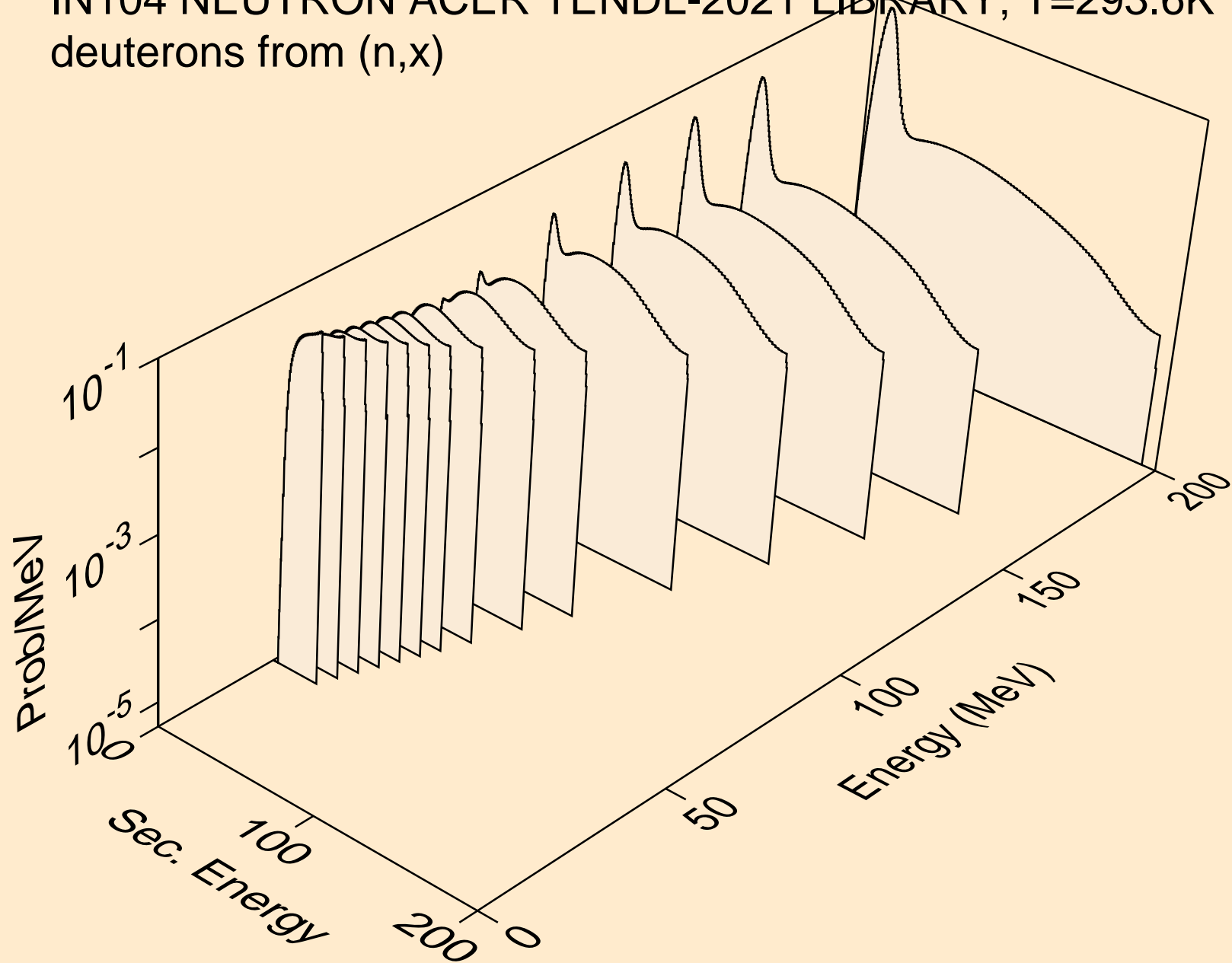
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

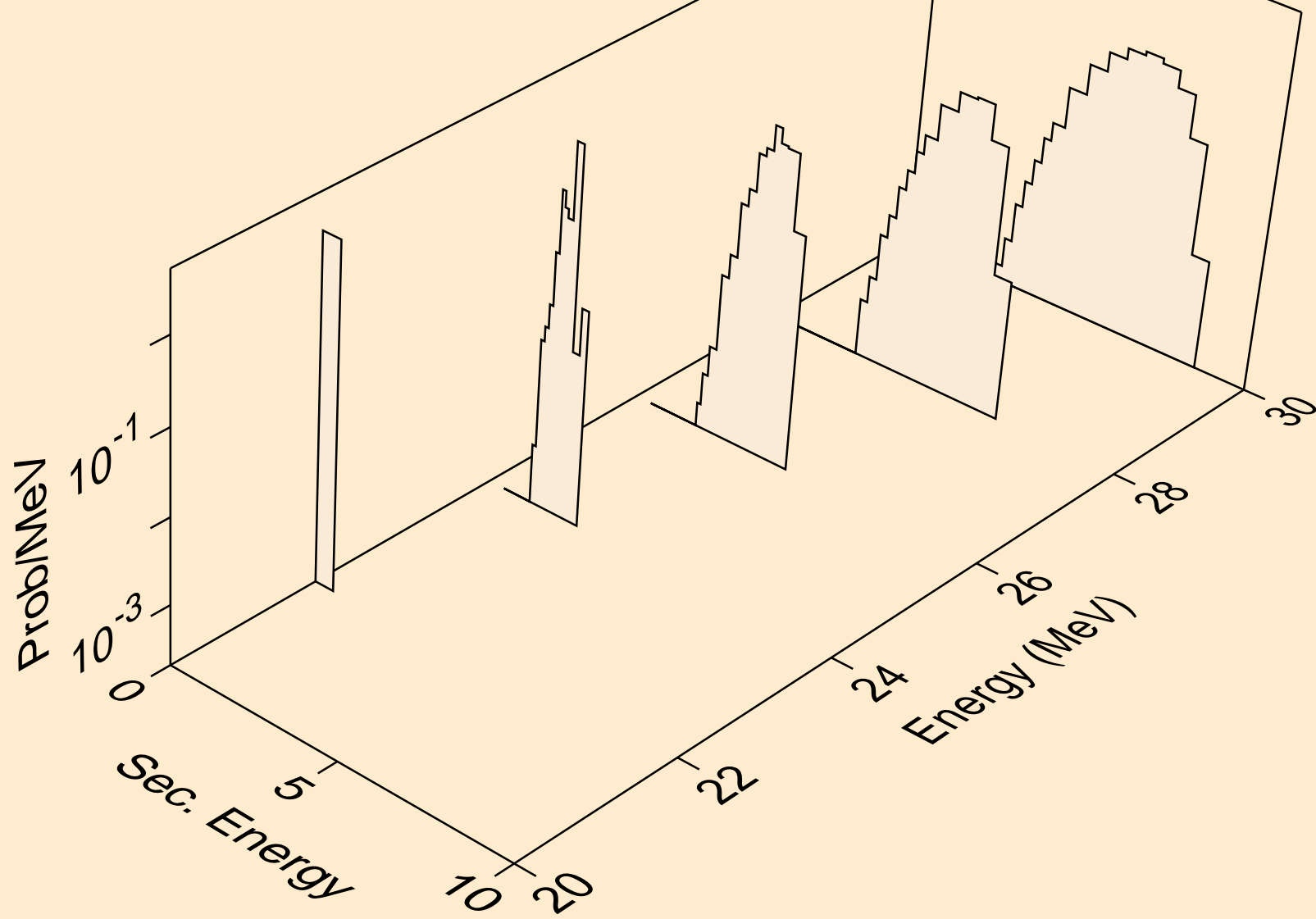


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

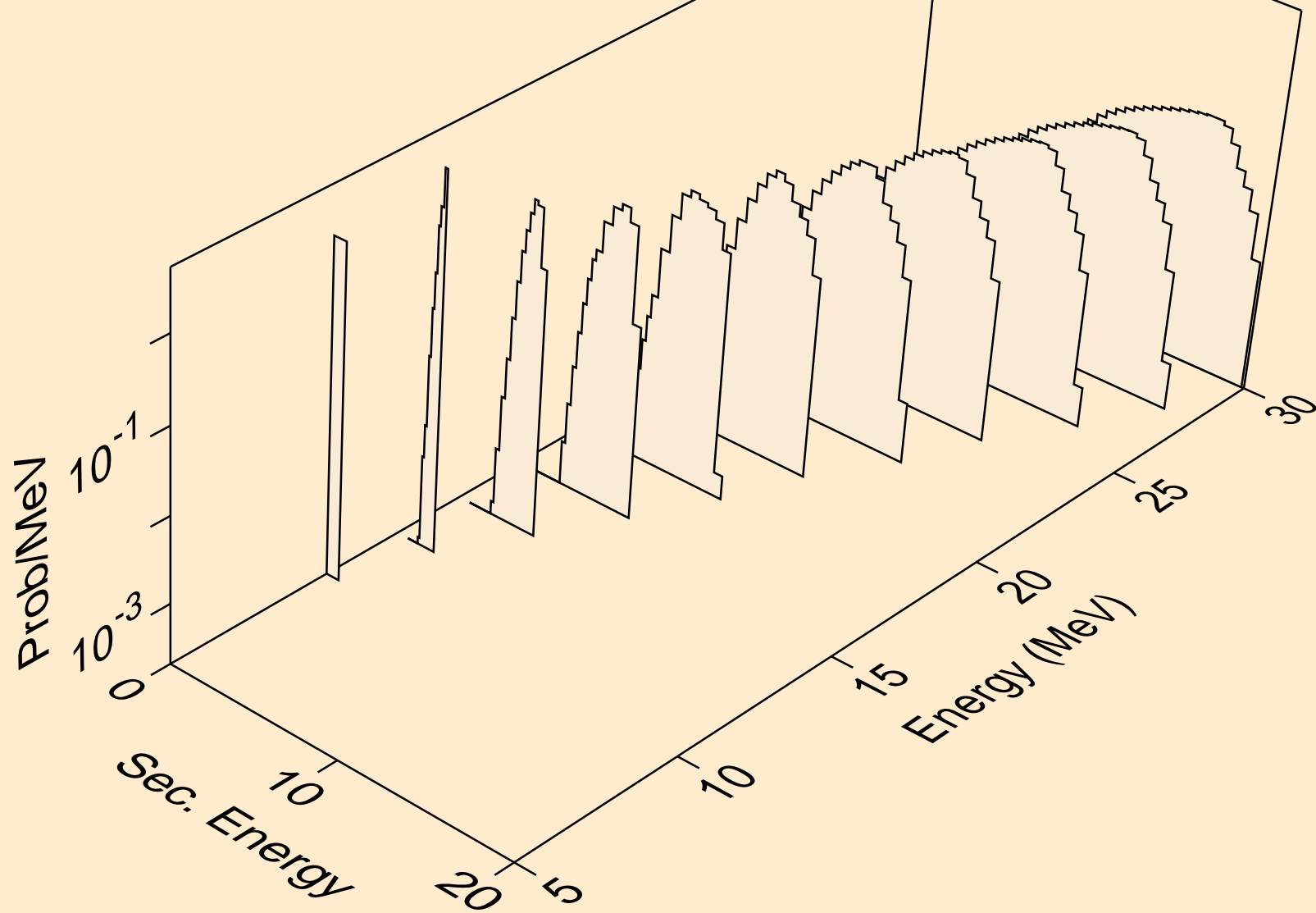




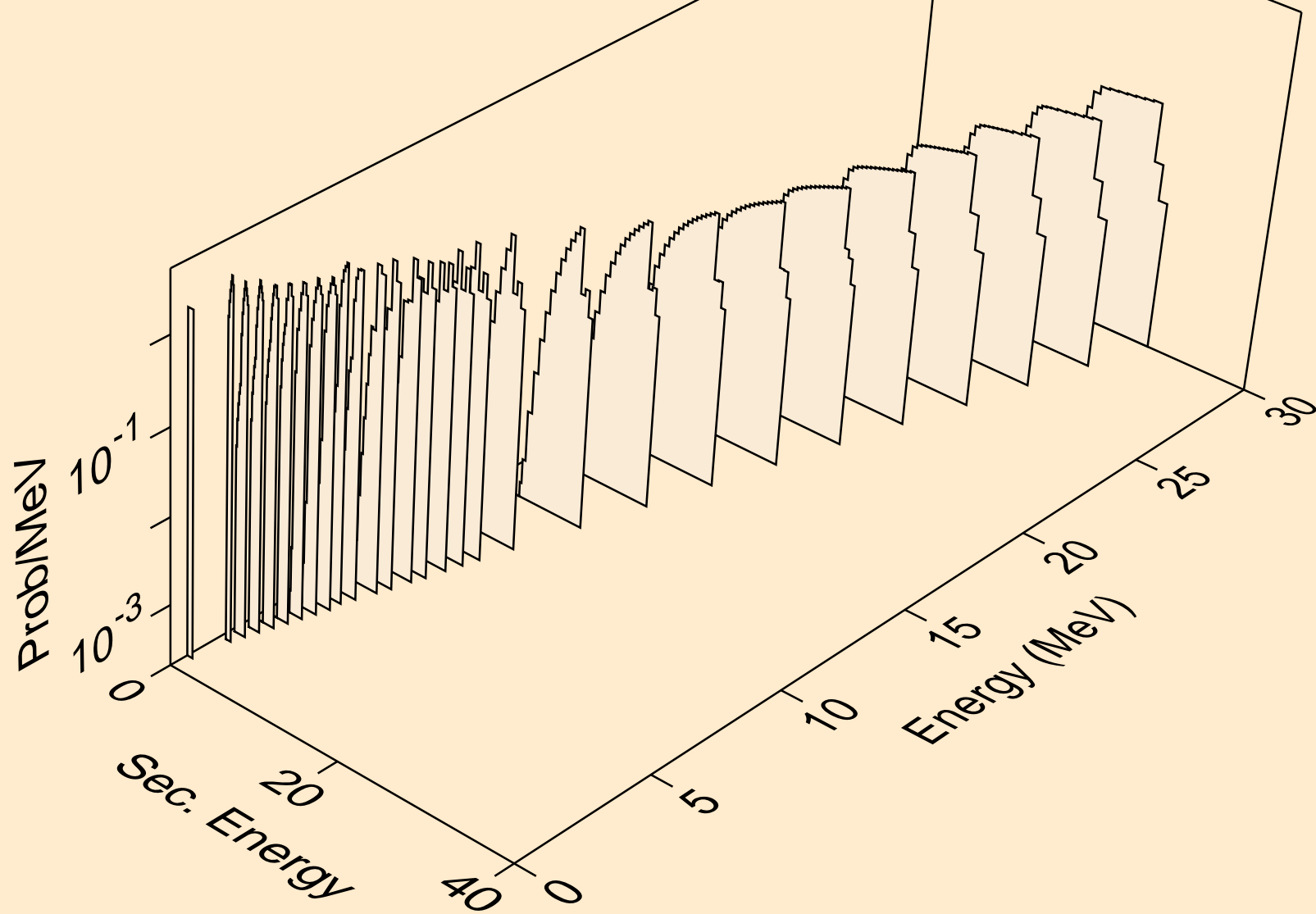
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deuterons from (n,2nd)



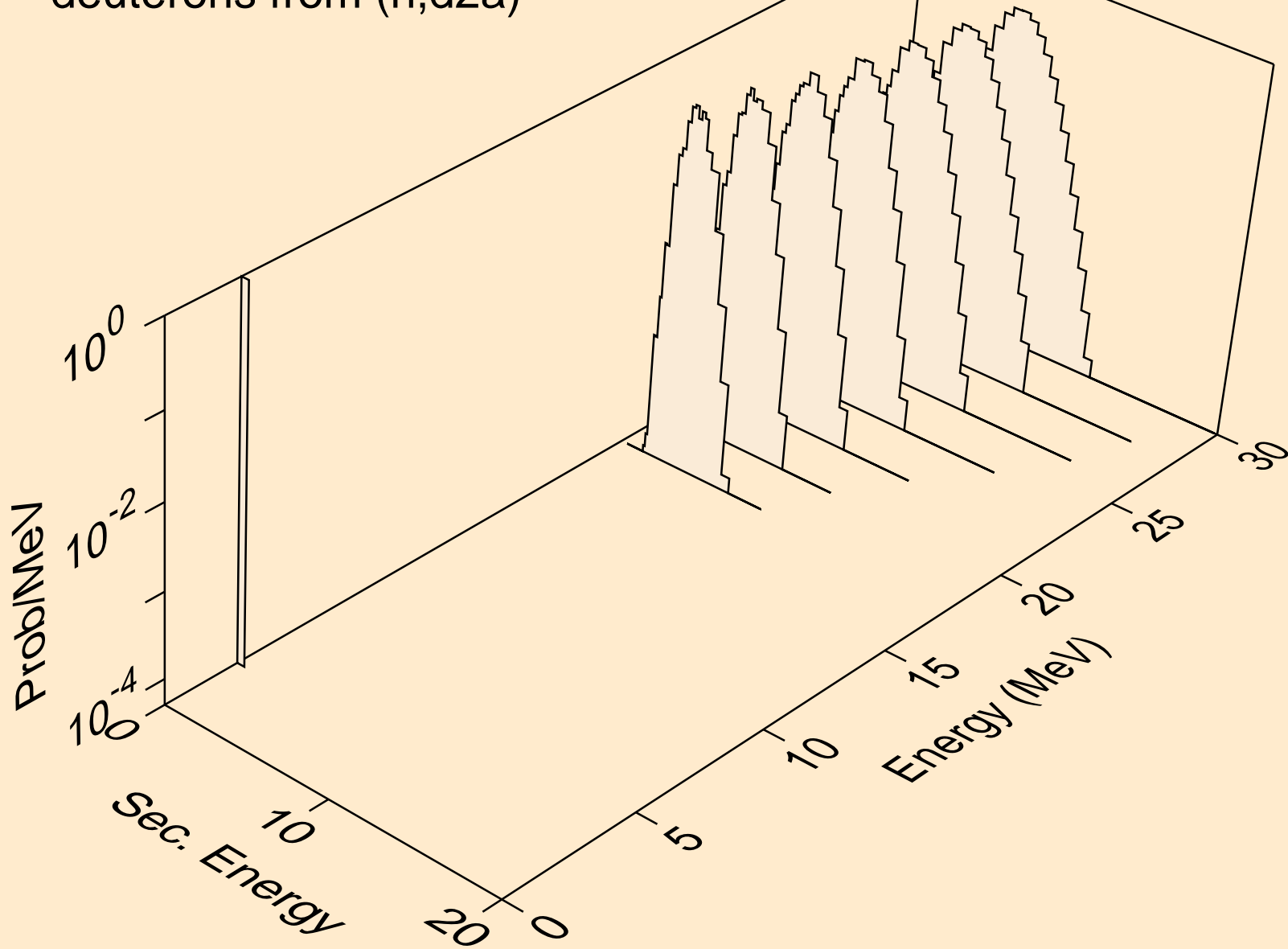
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



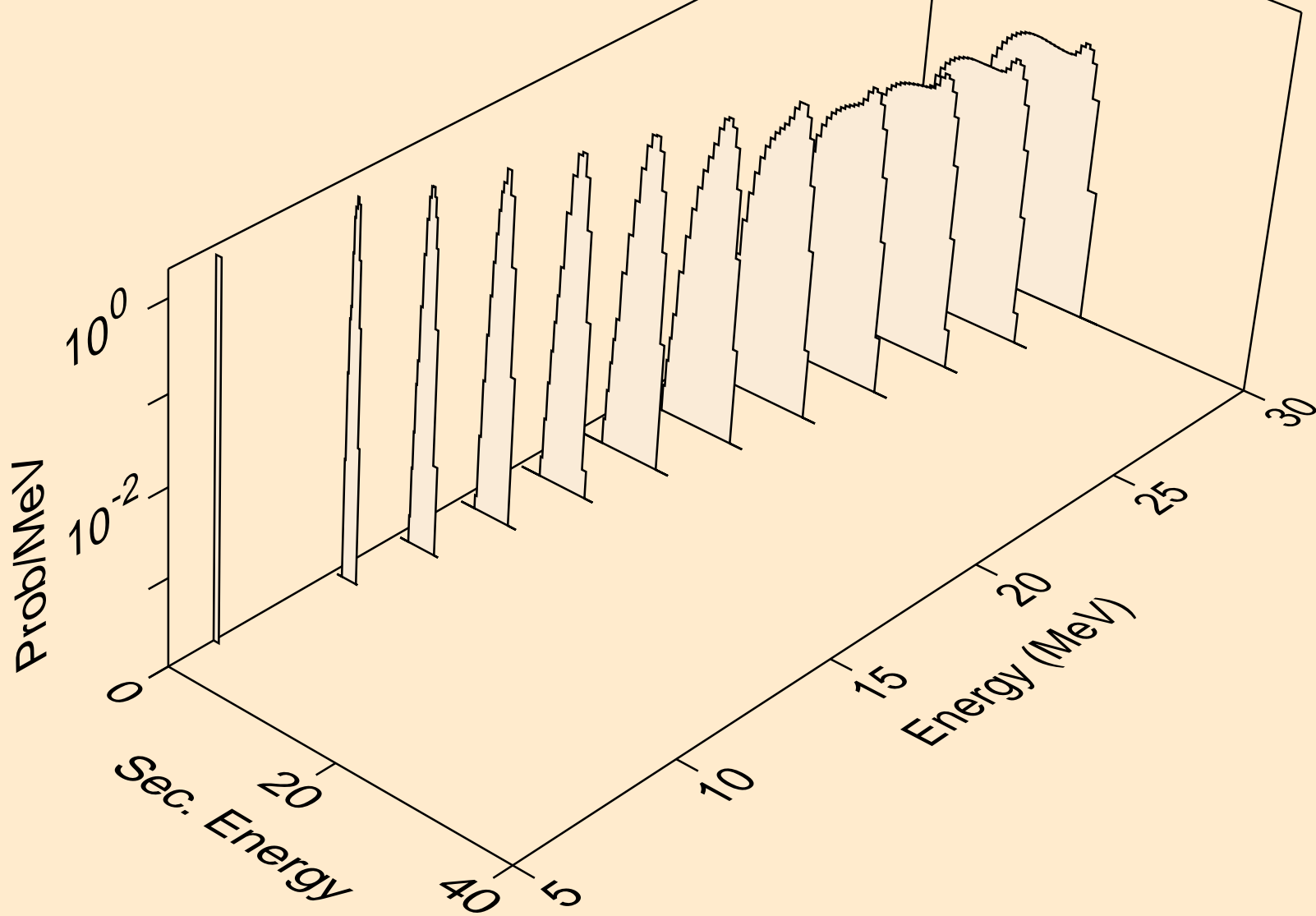
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deuterons from (n,d)



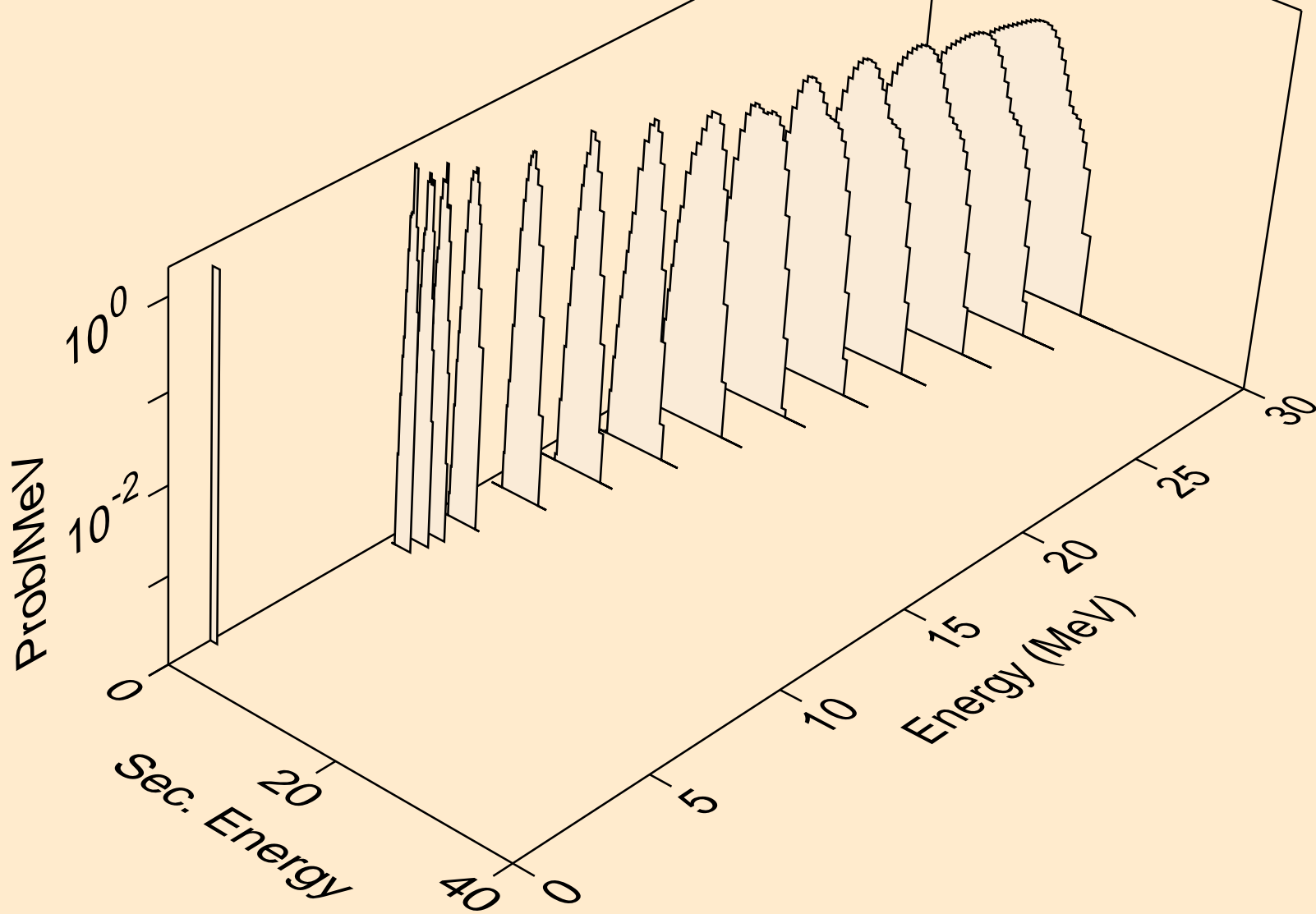
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d2a)



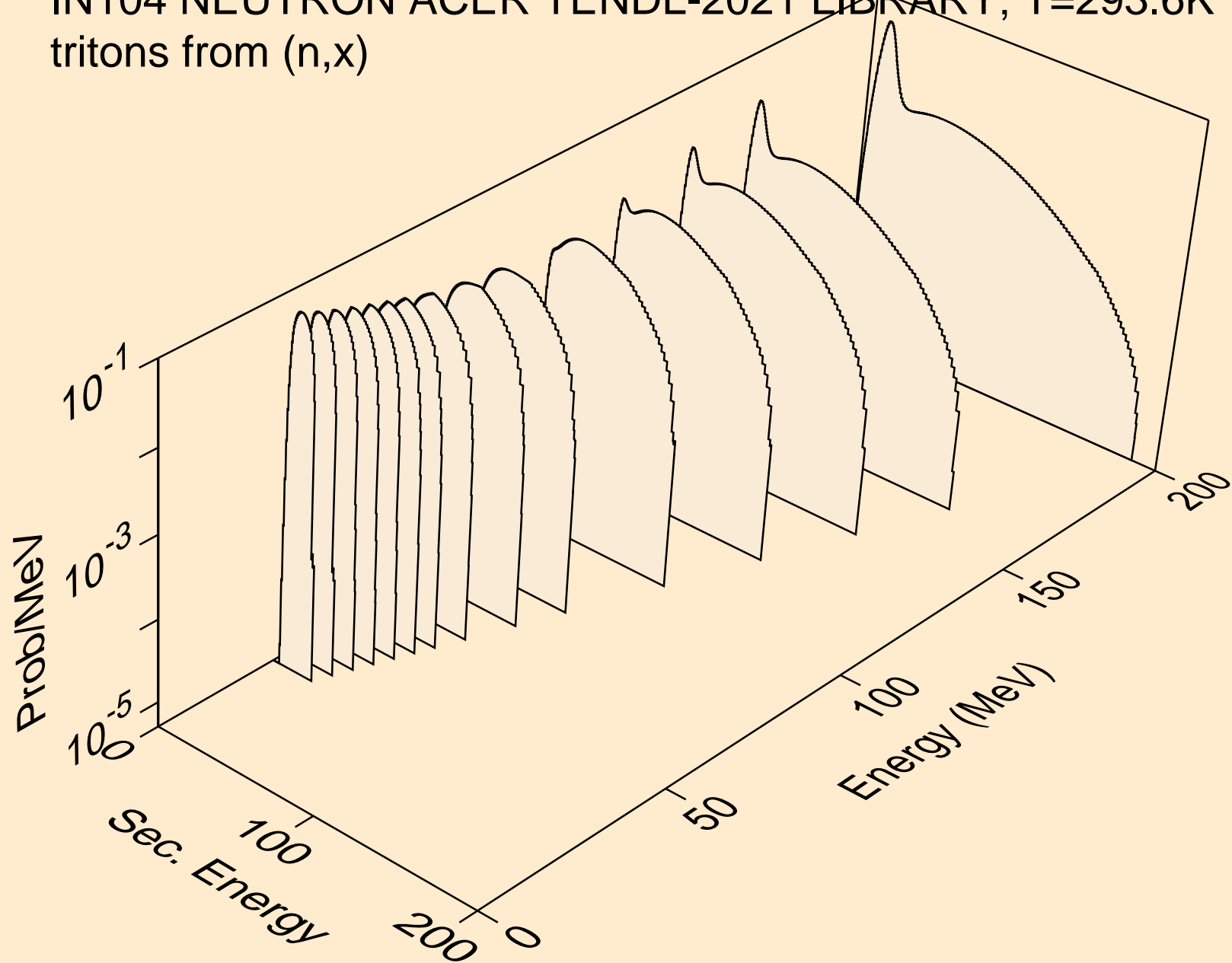
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



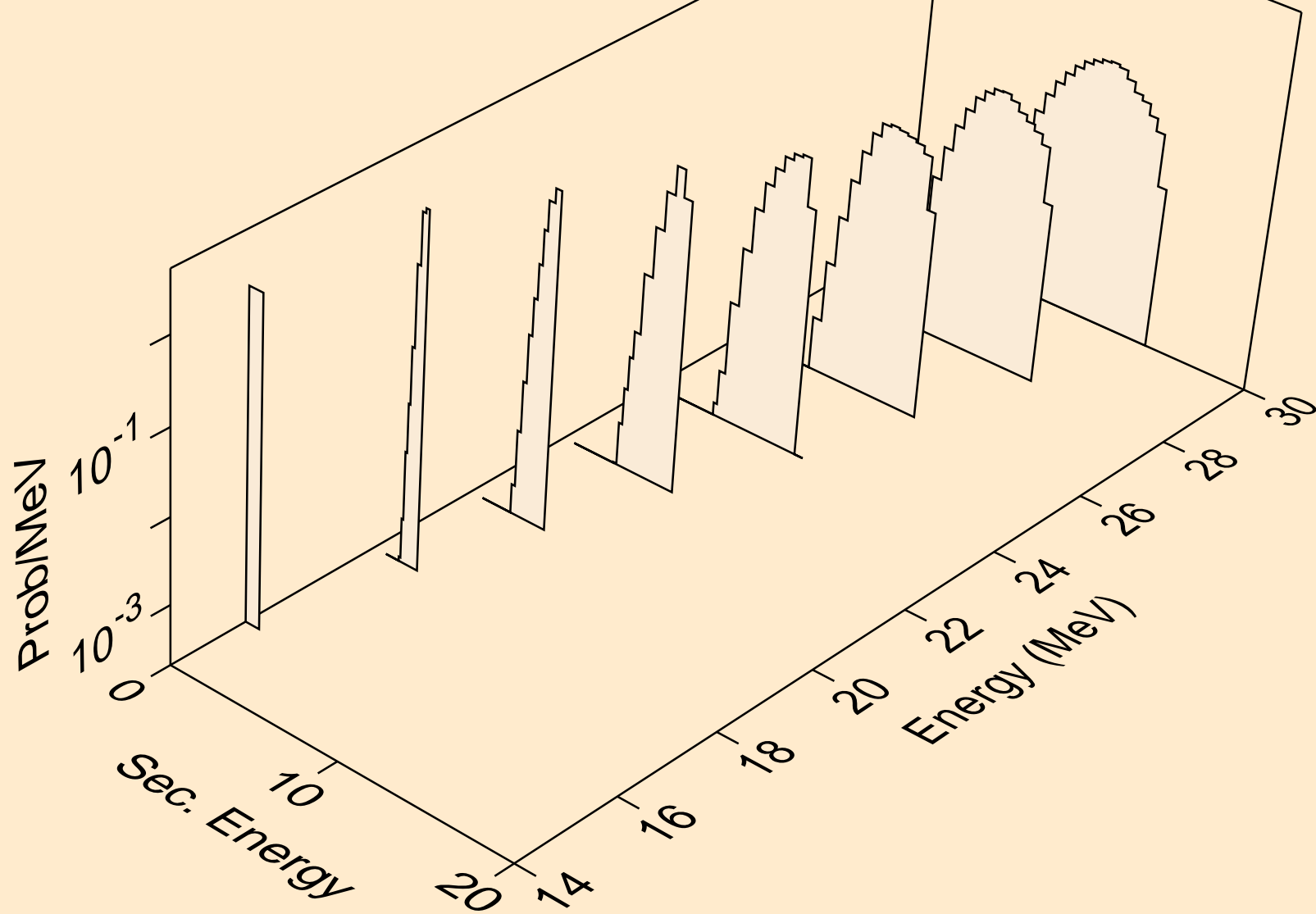
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

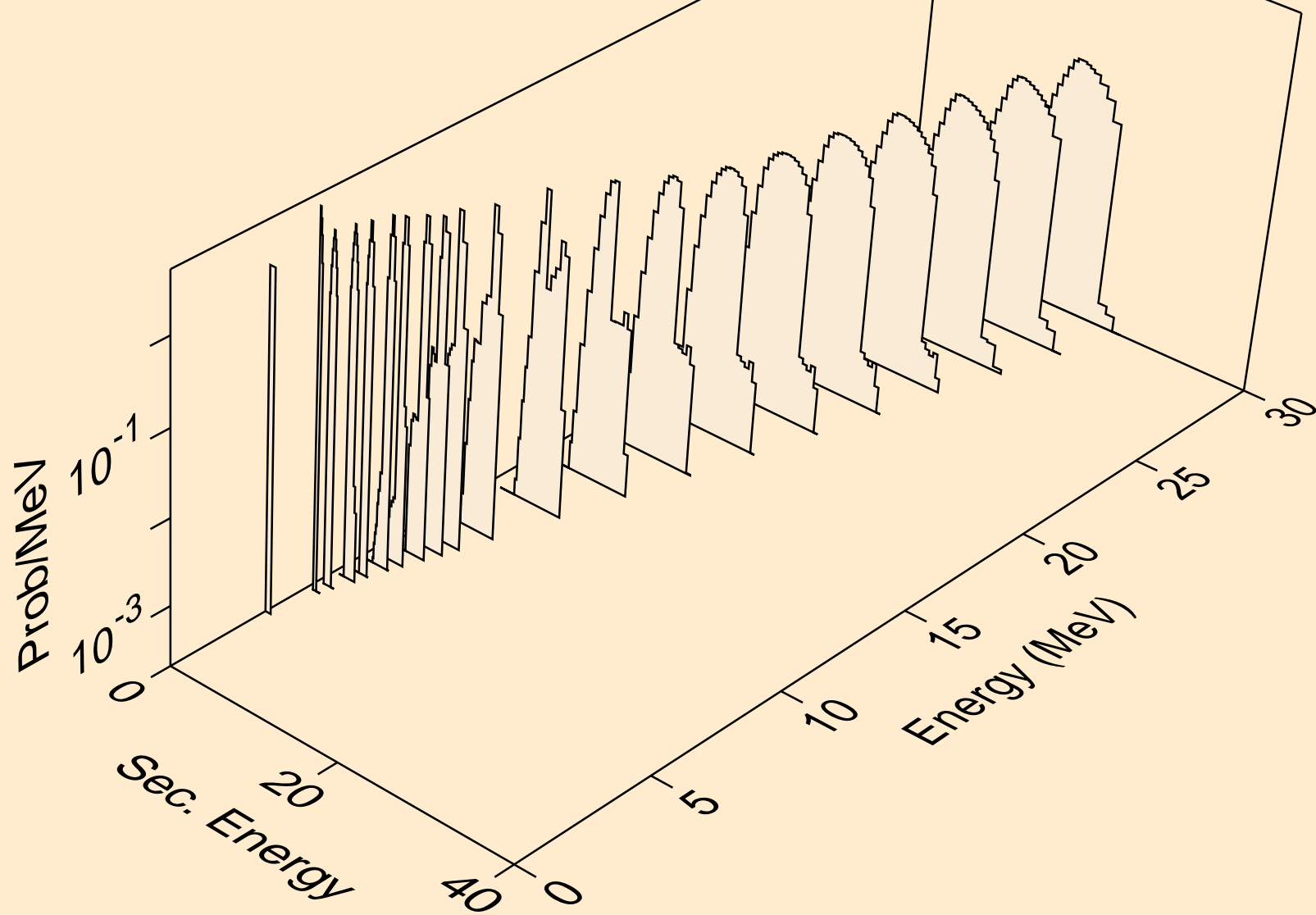


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

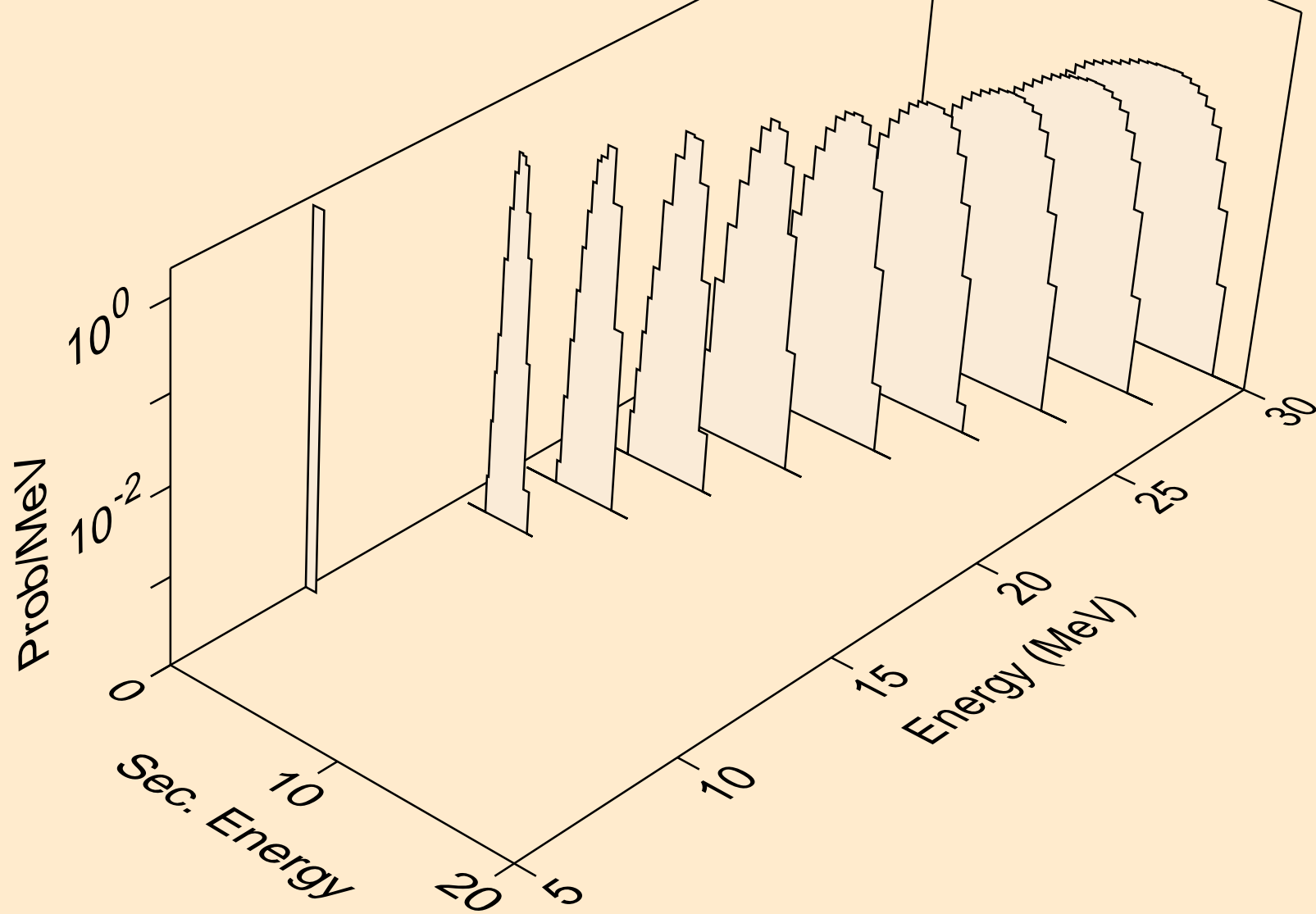




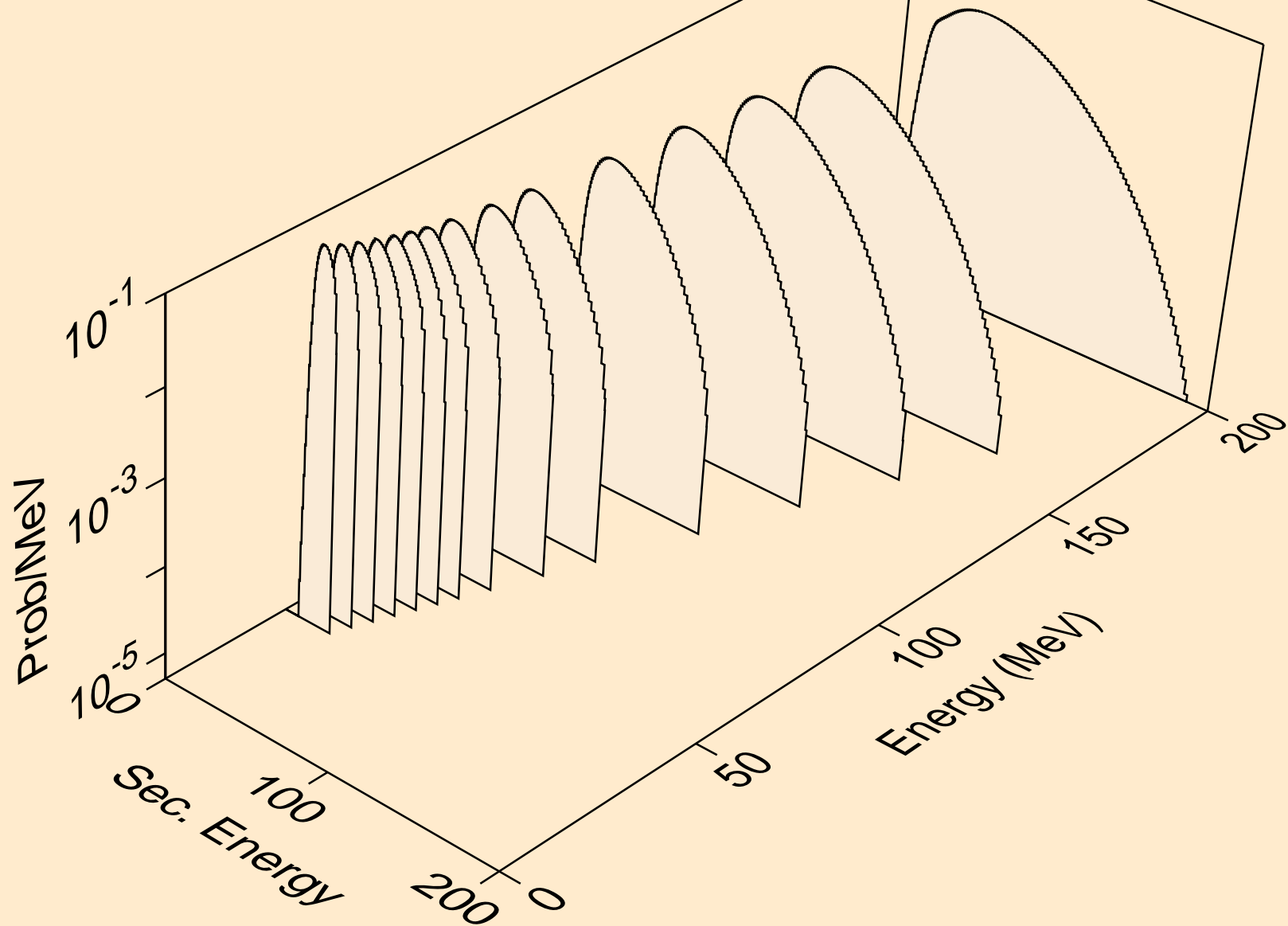
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



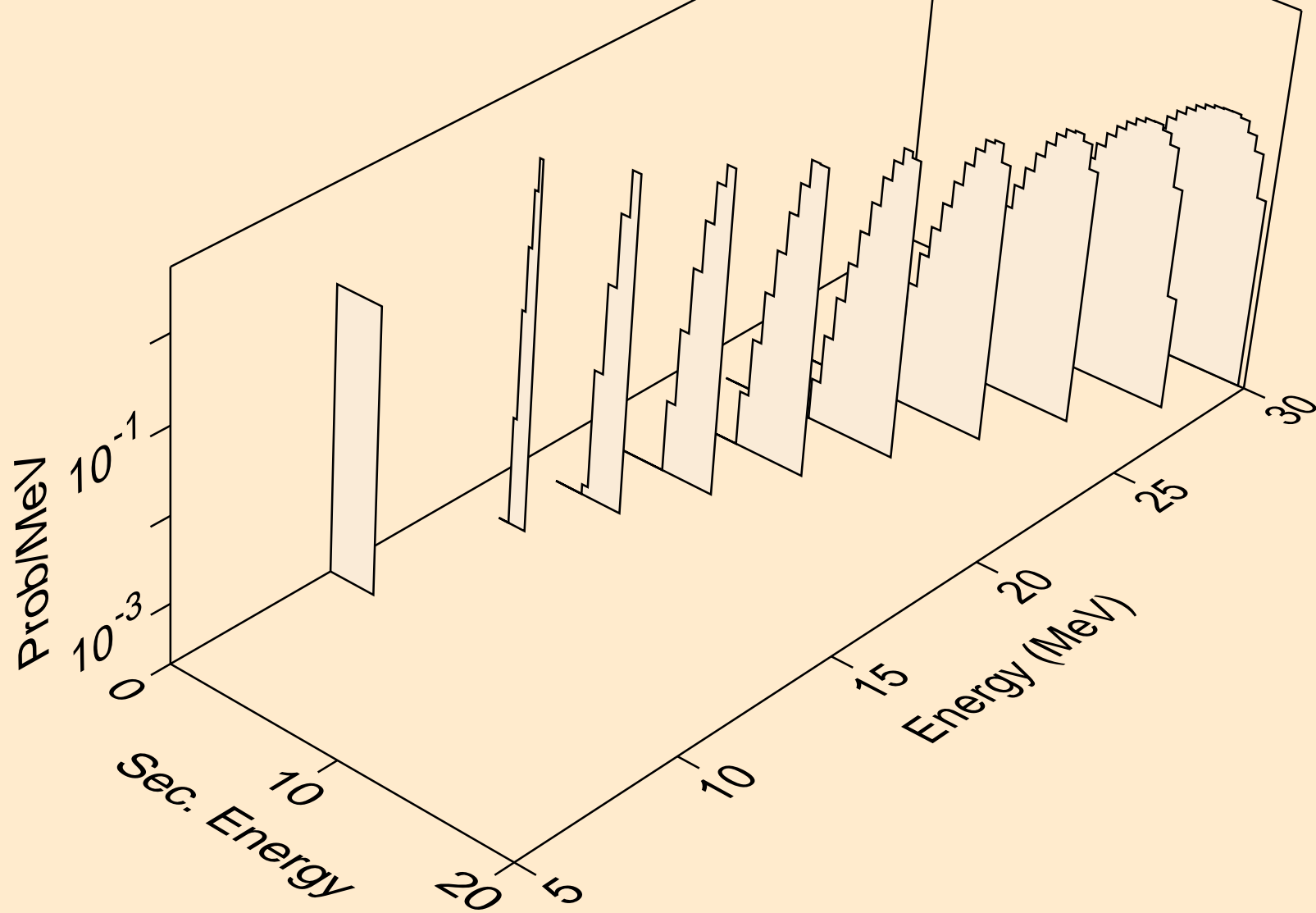
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



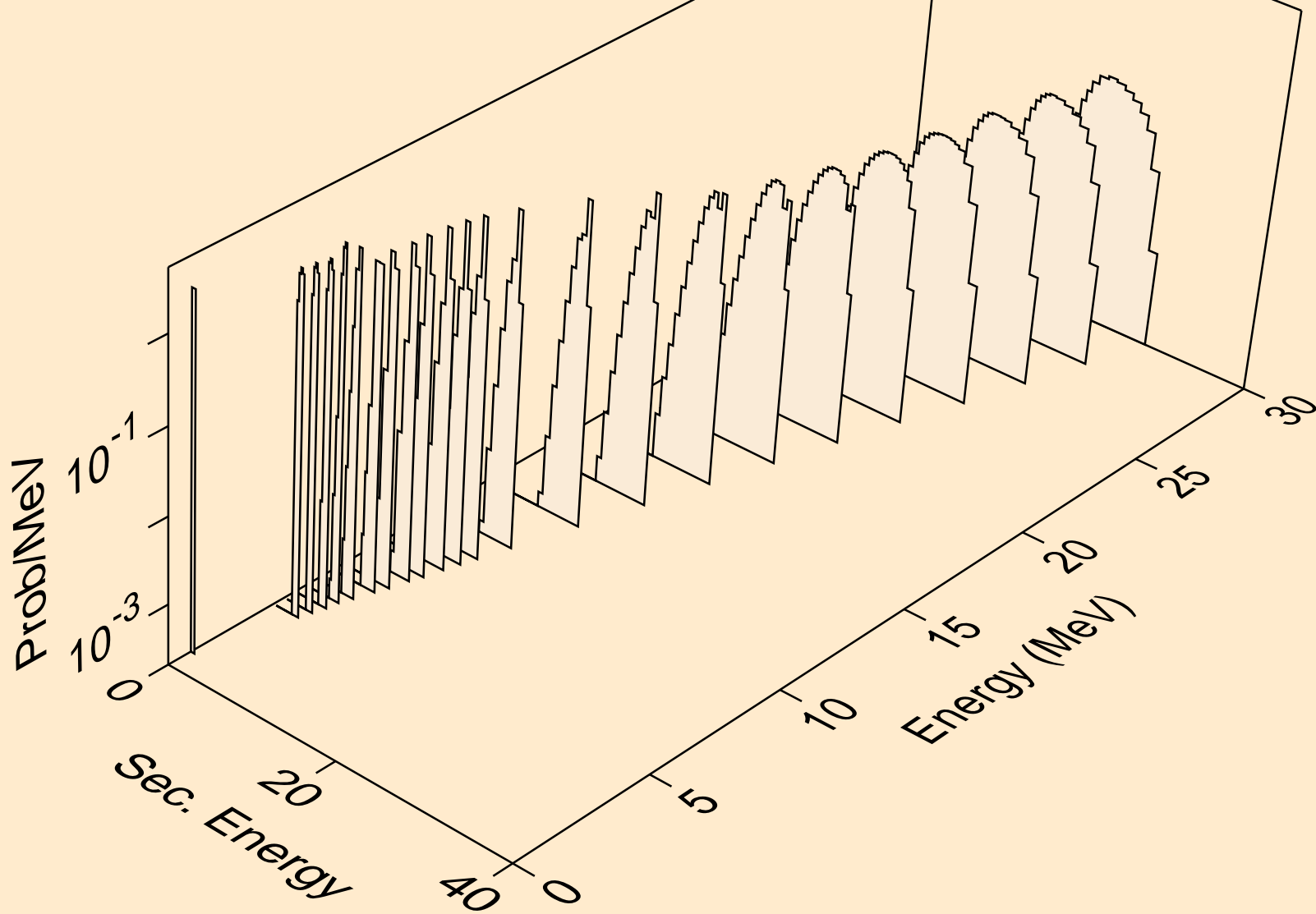
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



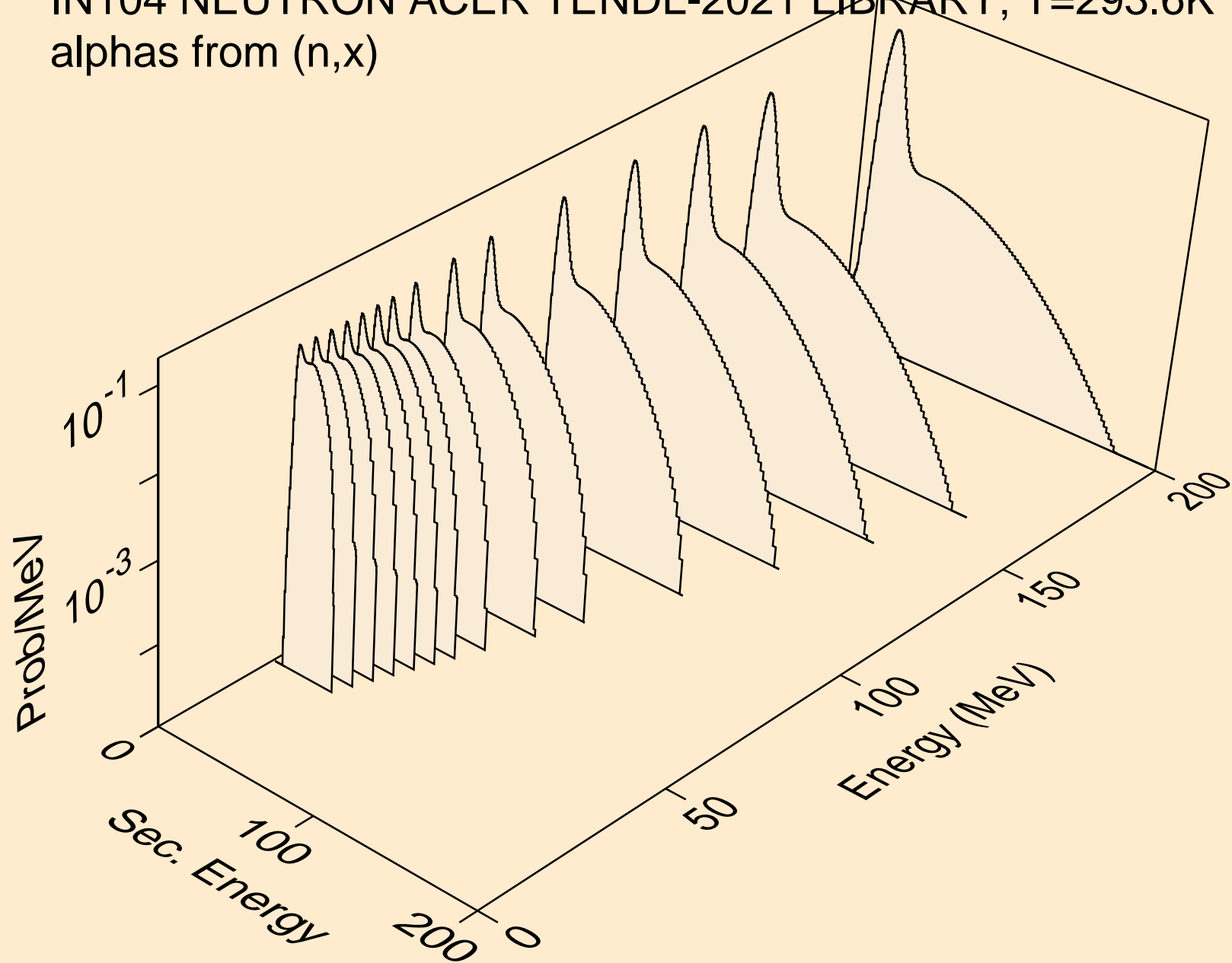
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he3s from (n,n\*)he3



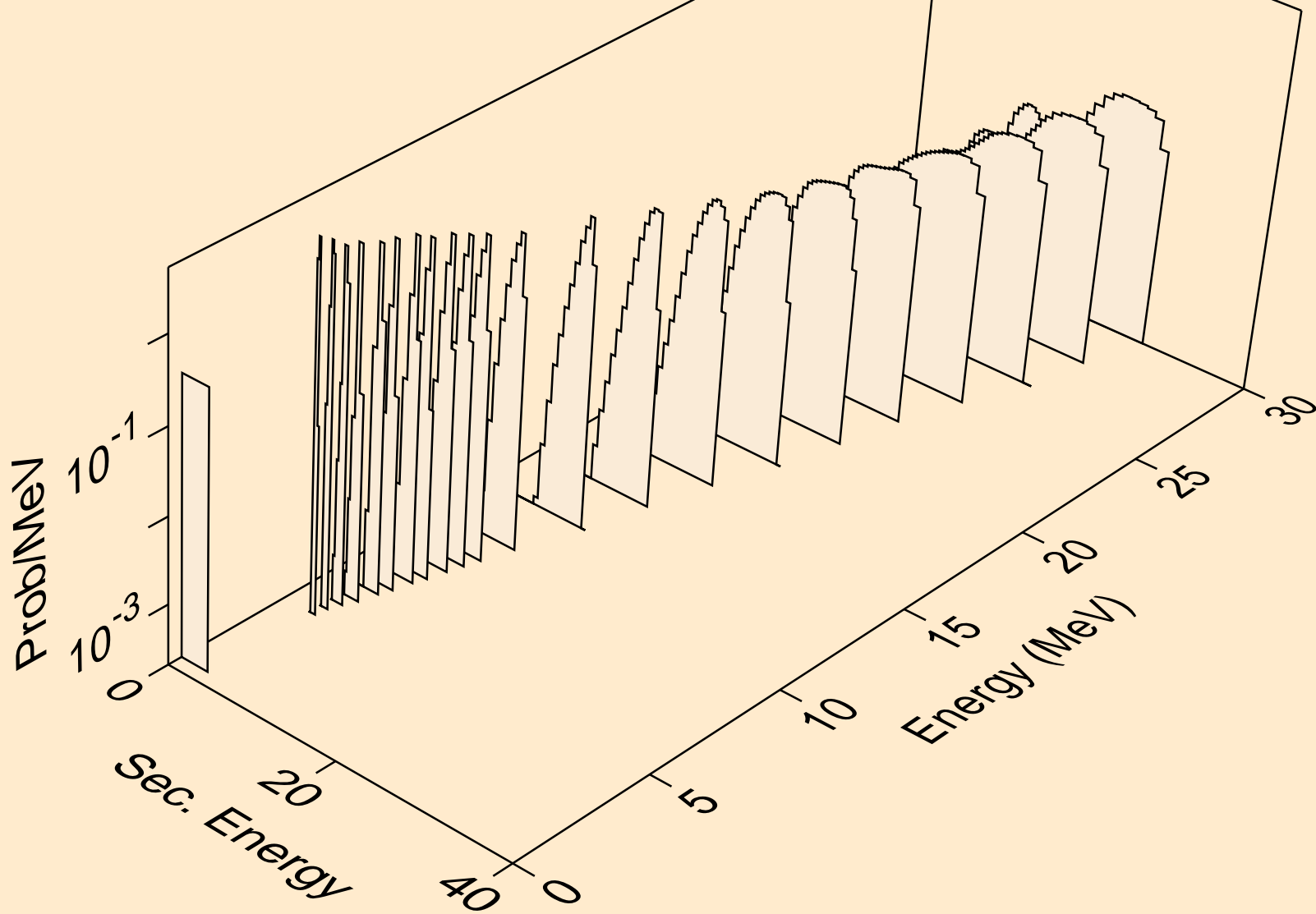
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he3s from (n,he3)



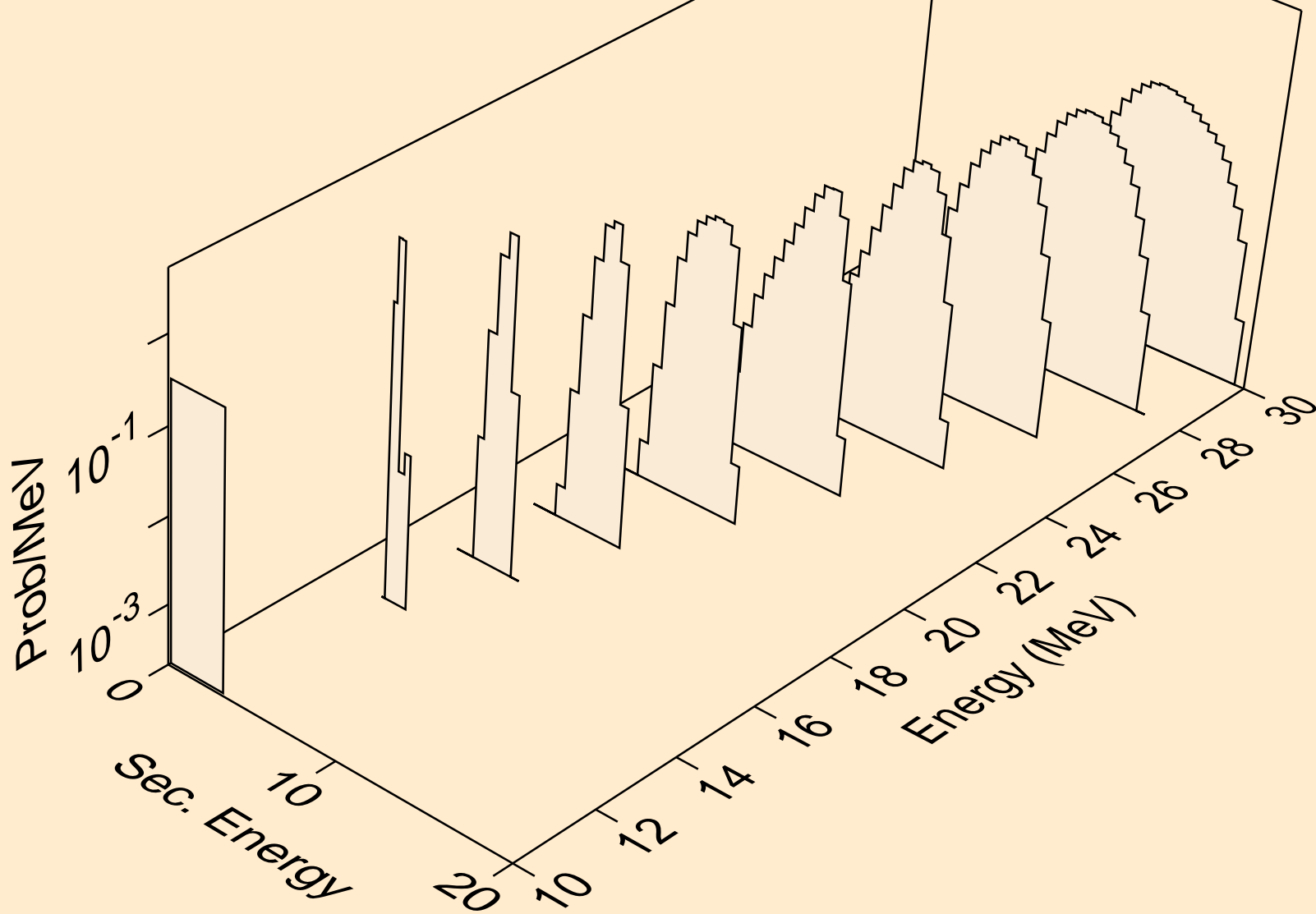
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

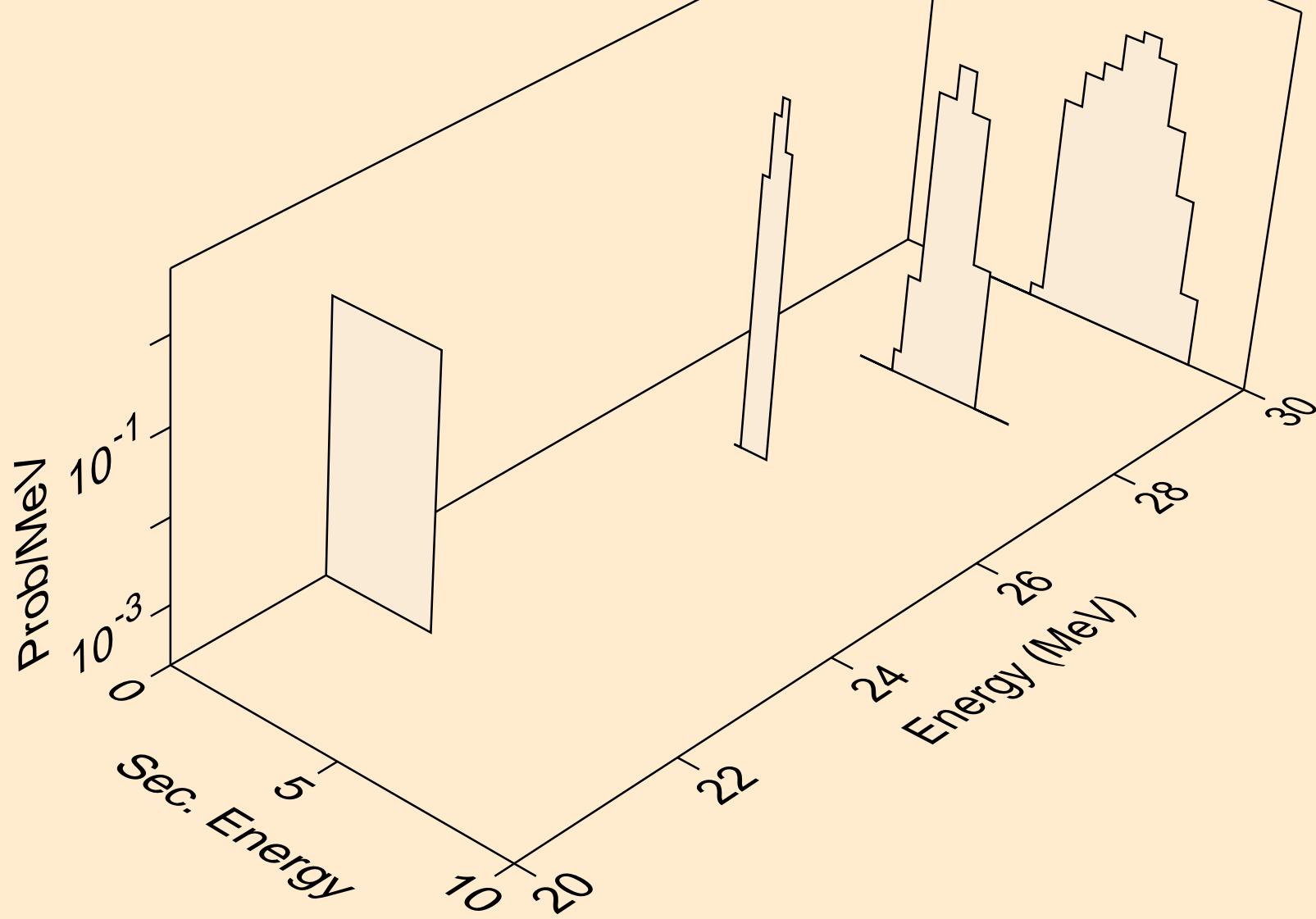


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

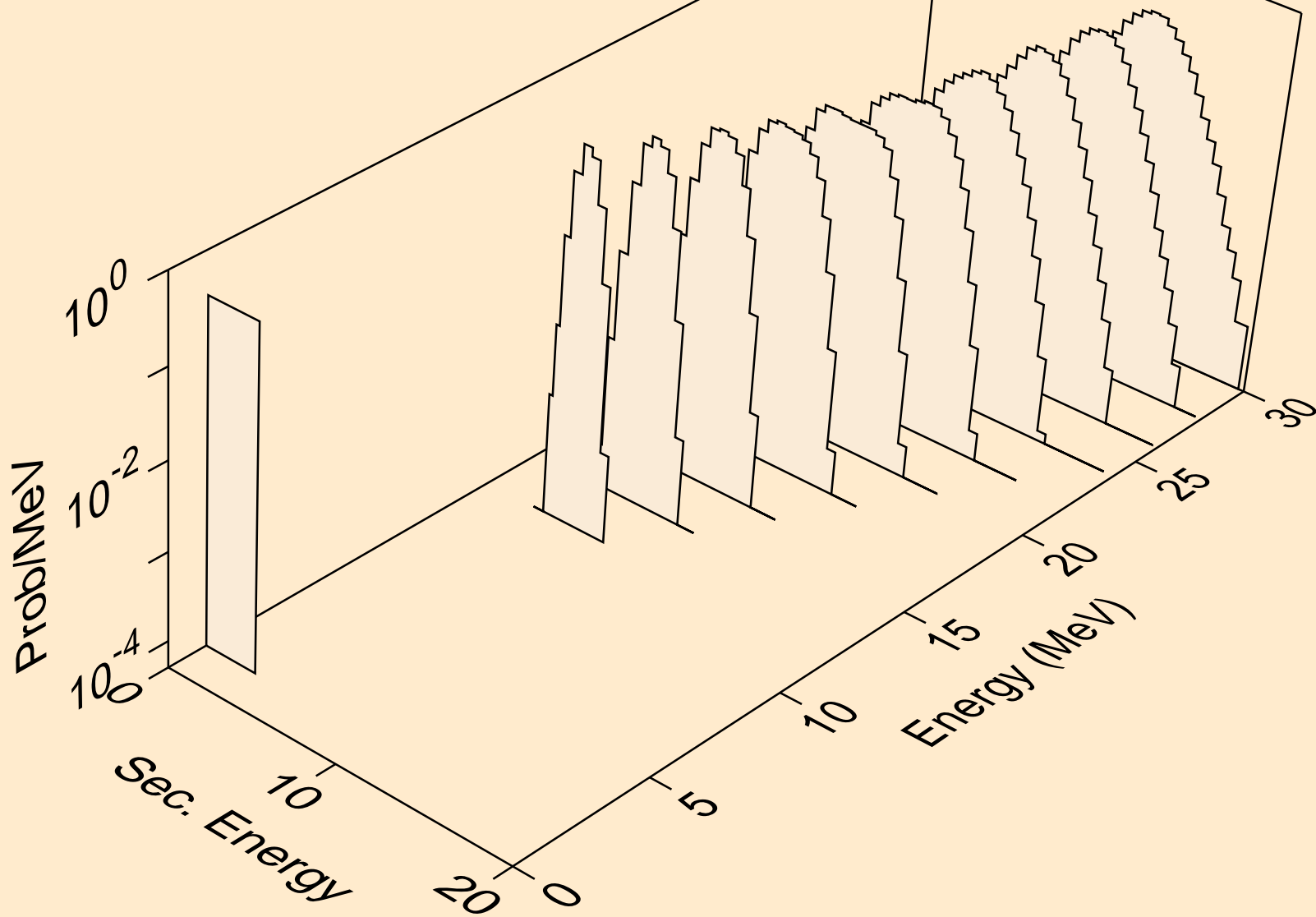




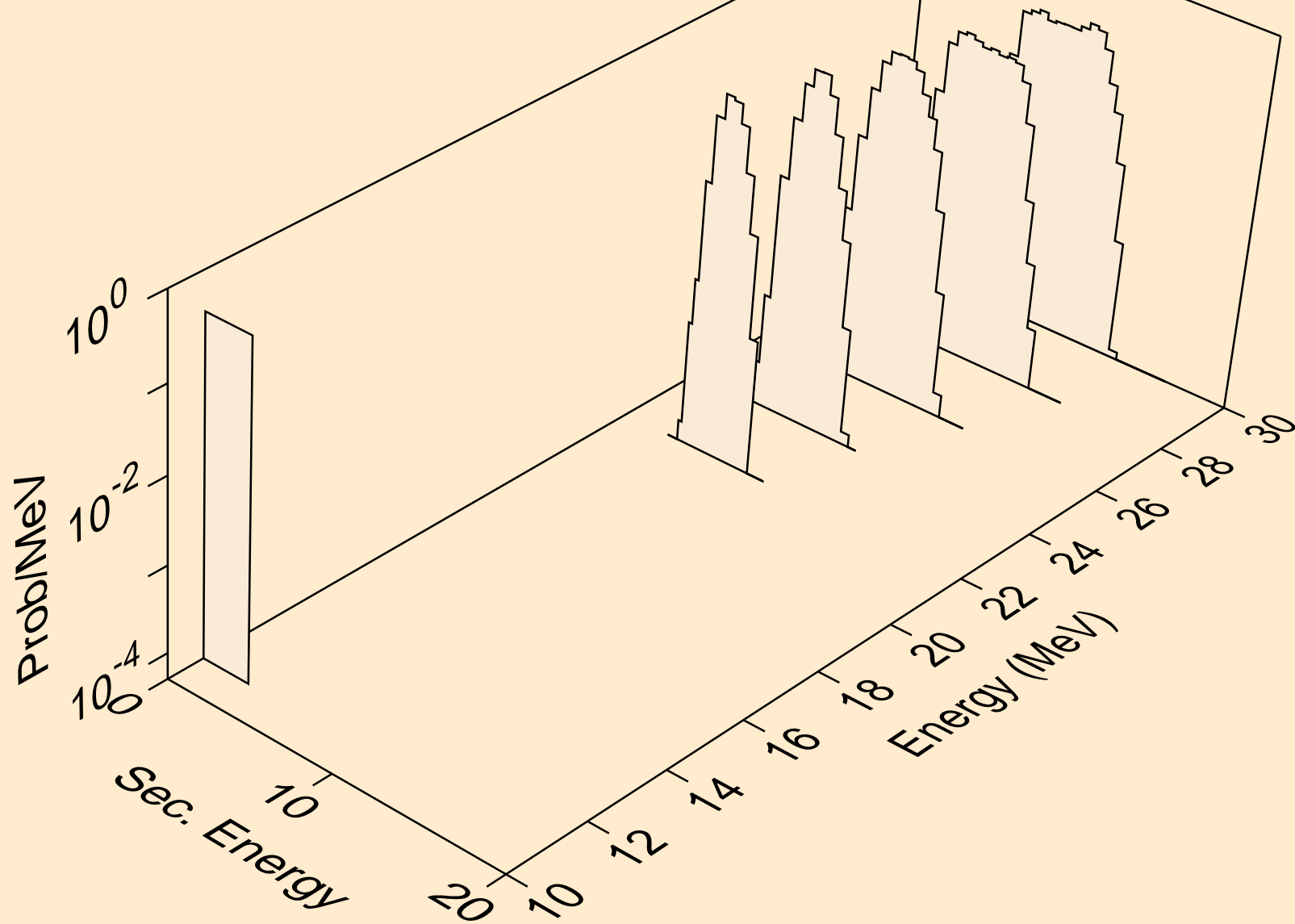
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



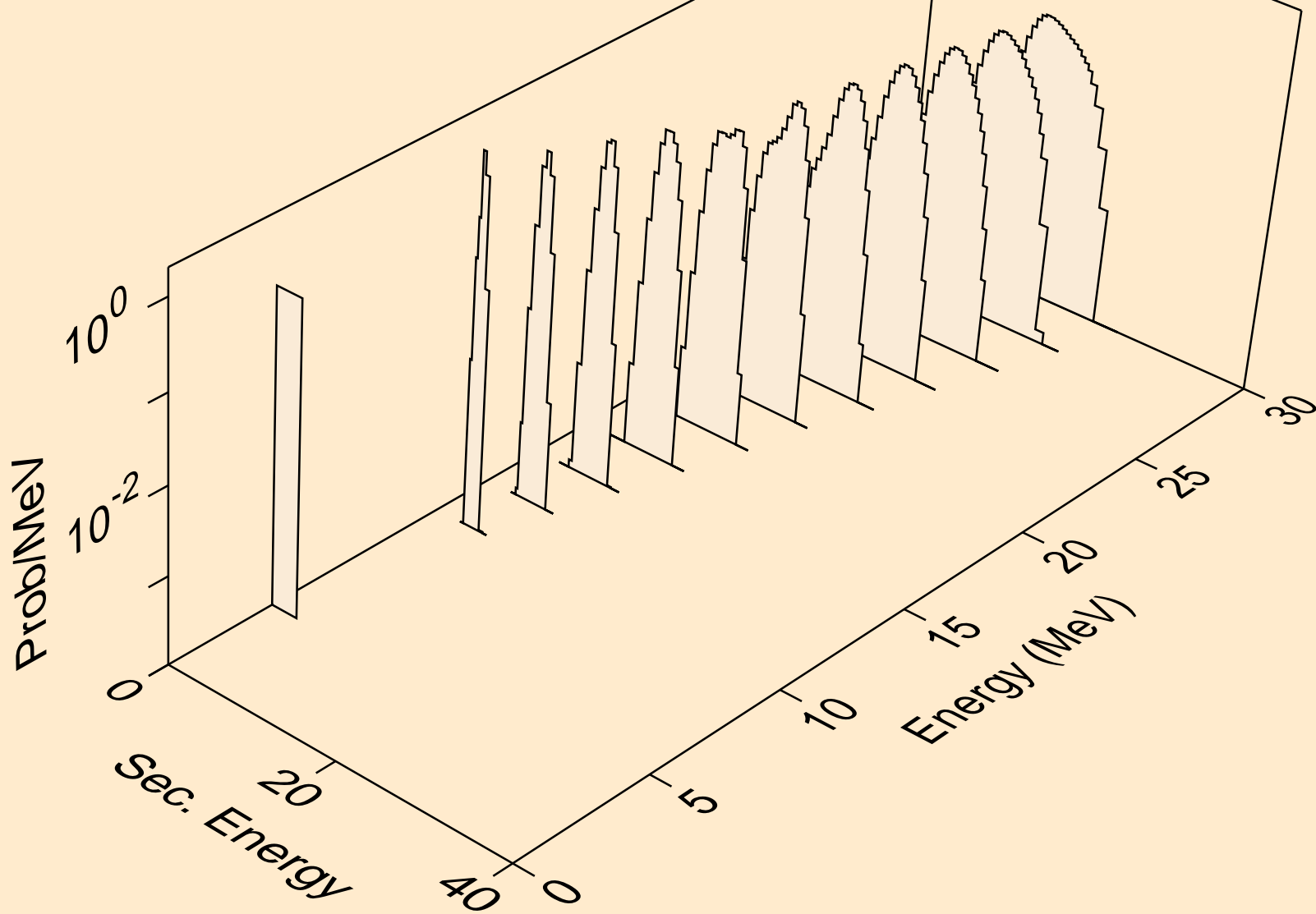
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



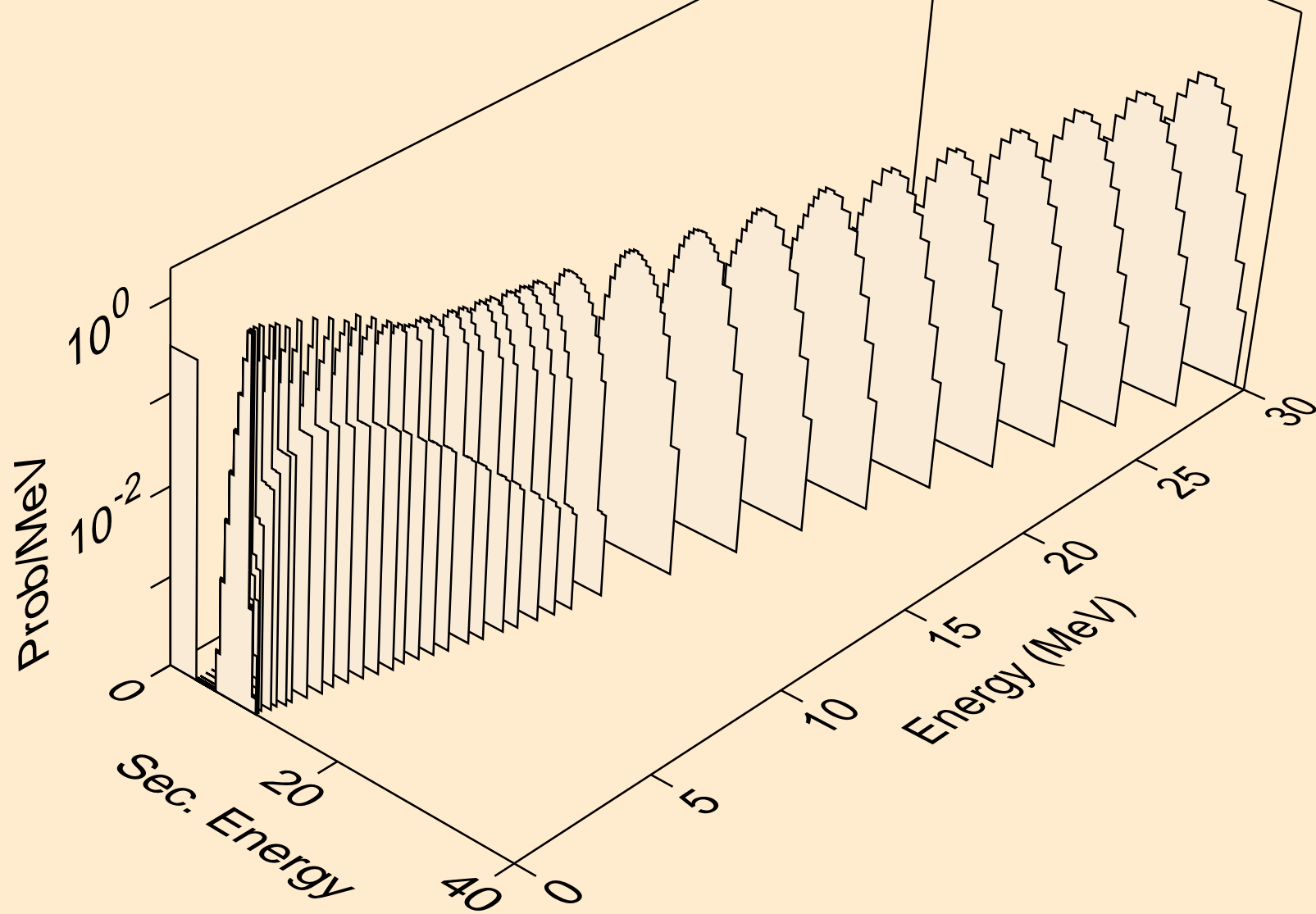
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



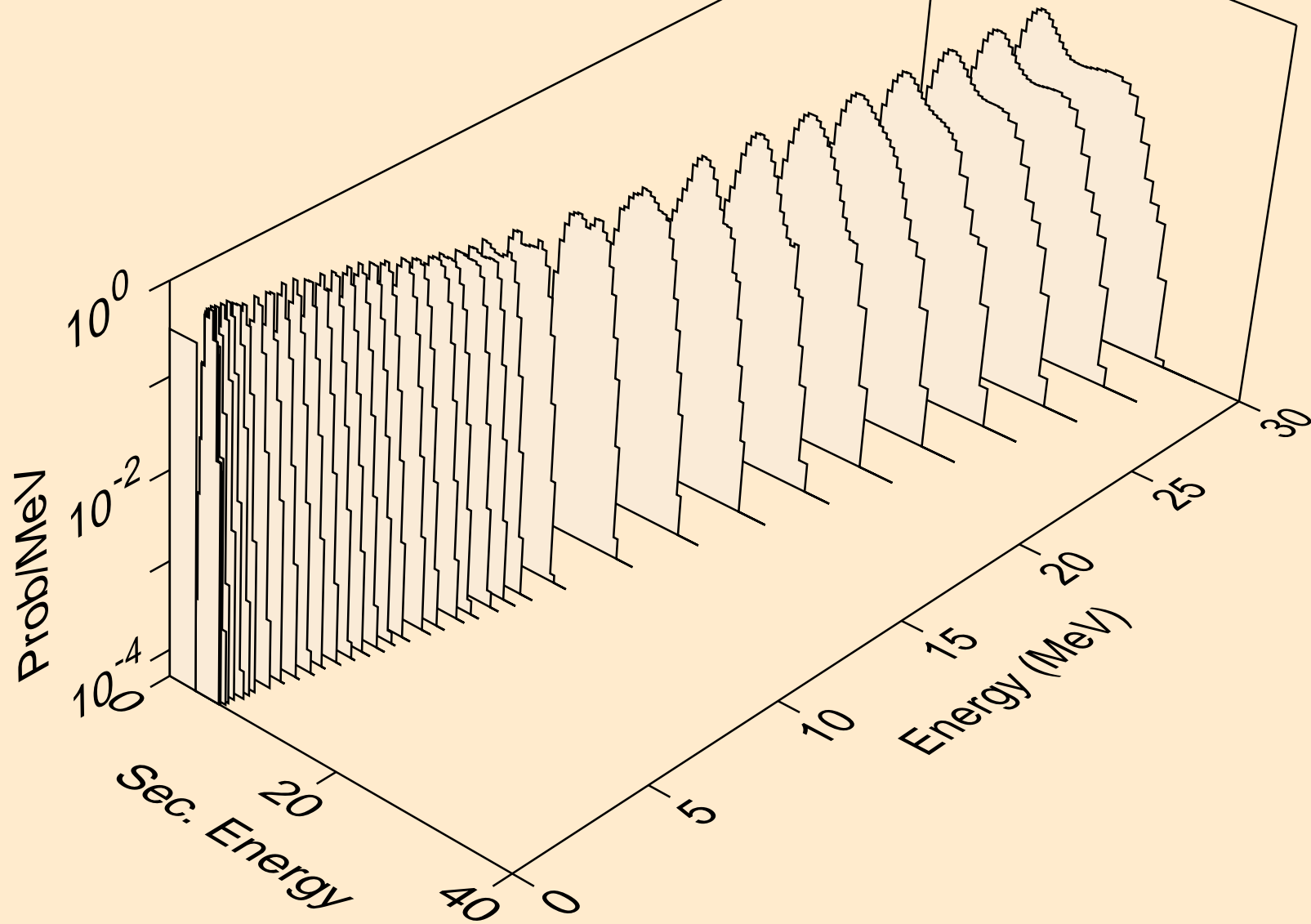
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



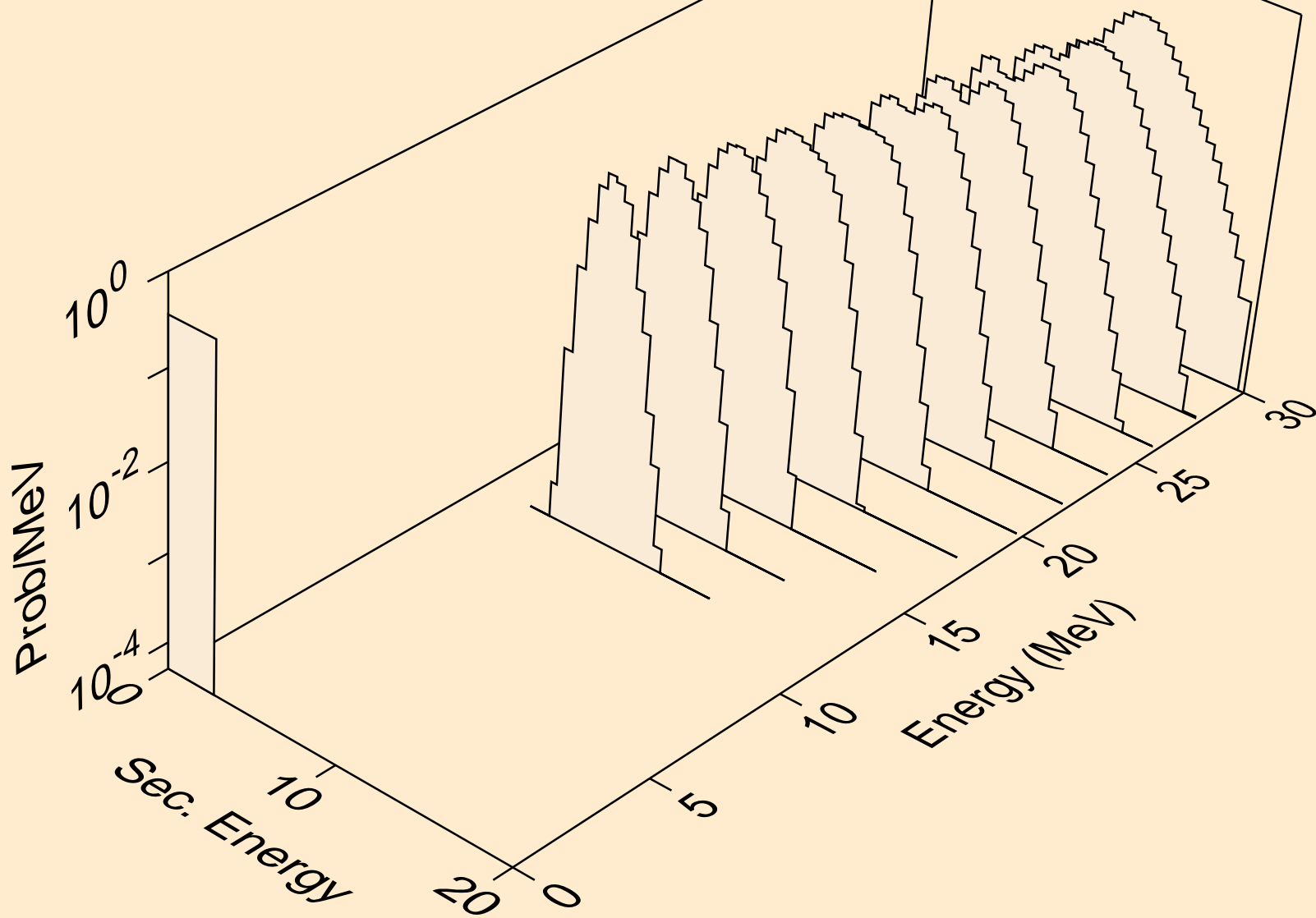
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



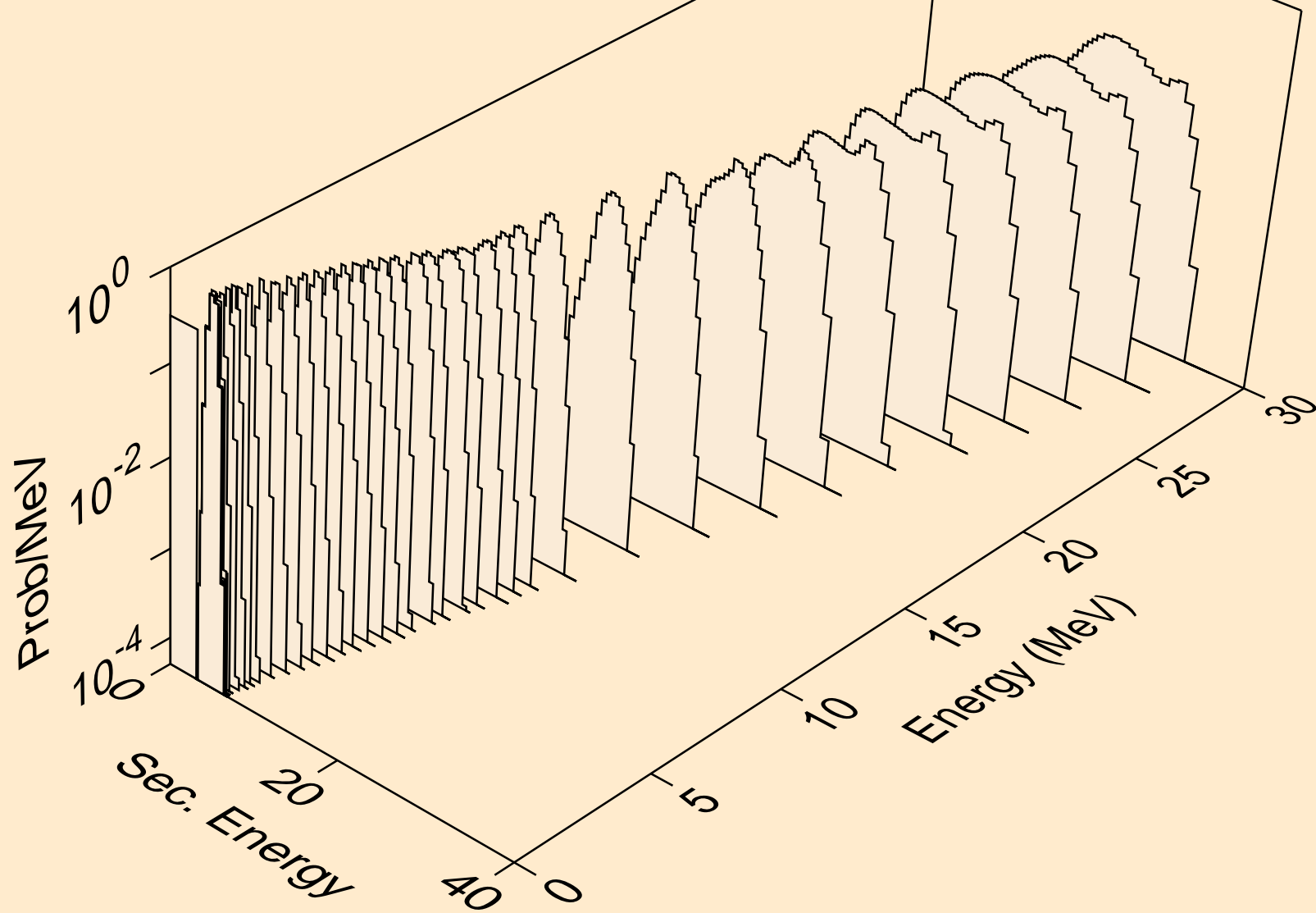
IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)

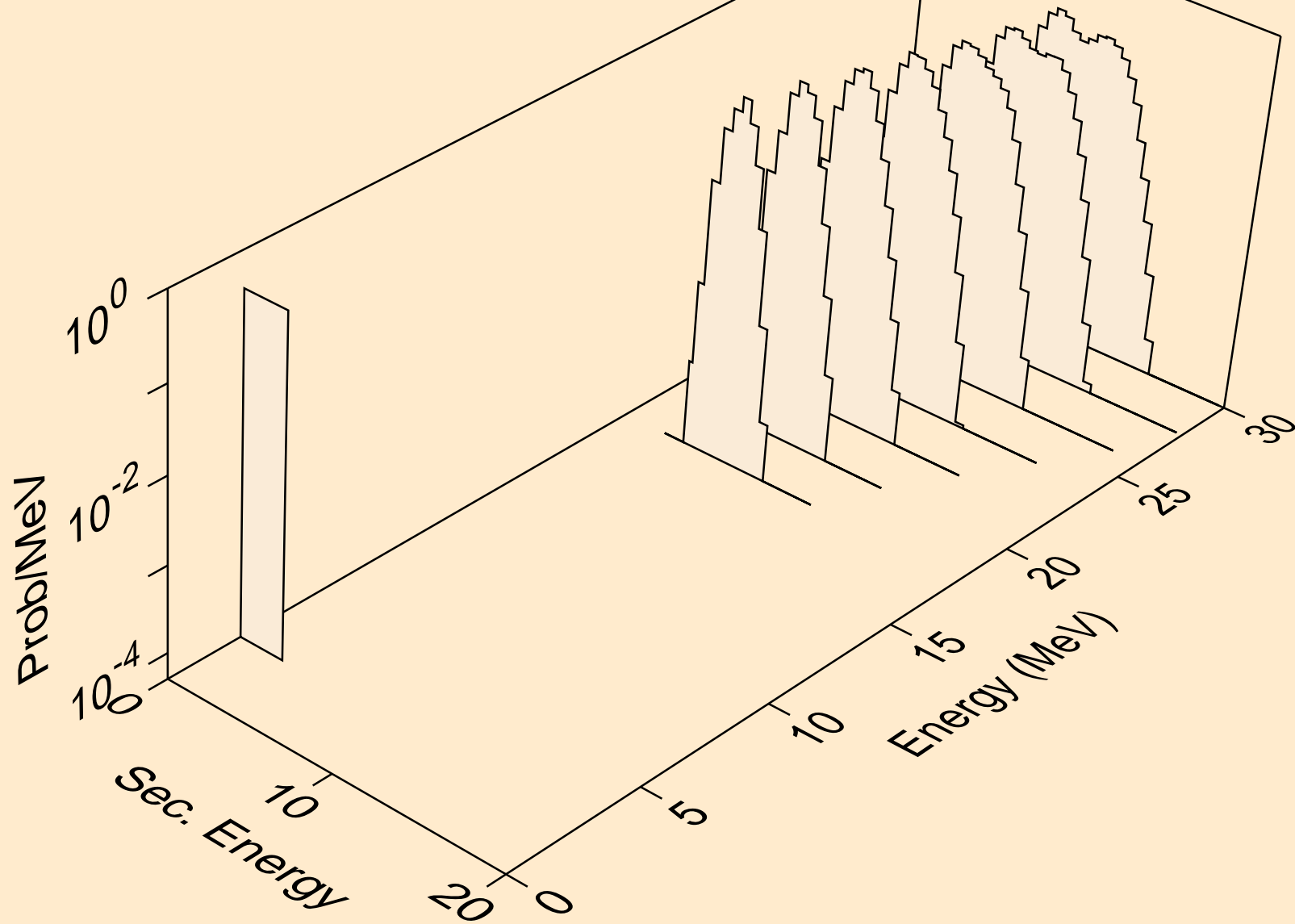


IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)





IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,d2a)



IN104 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

