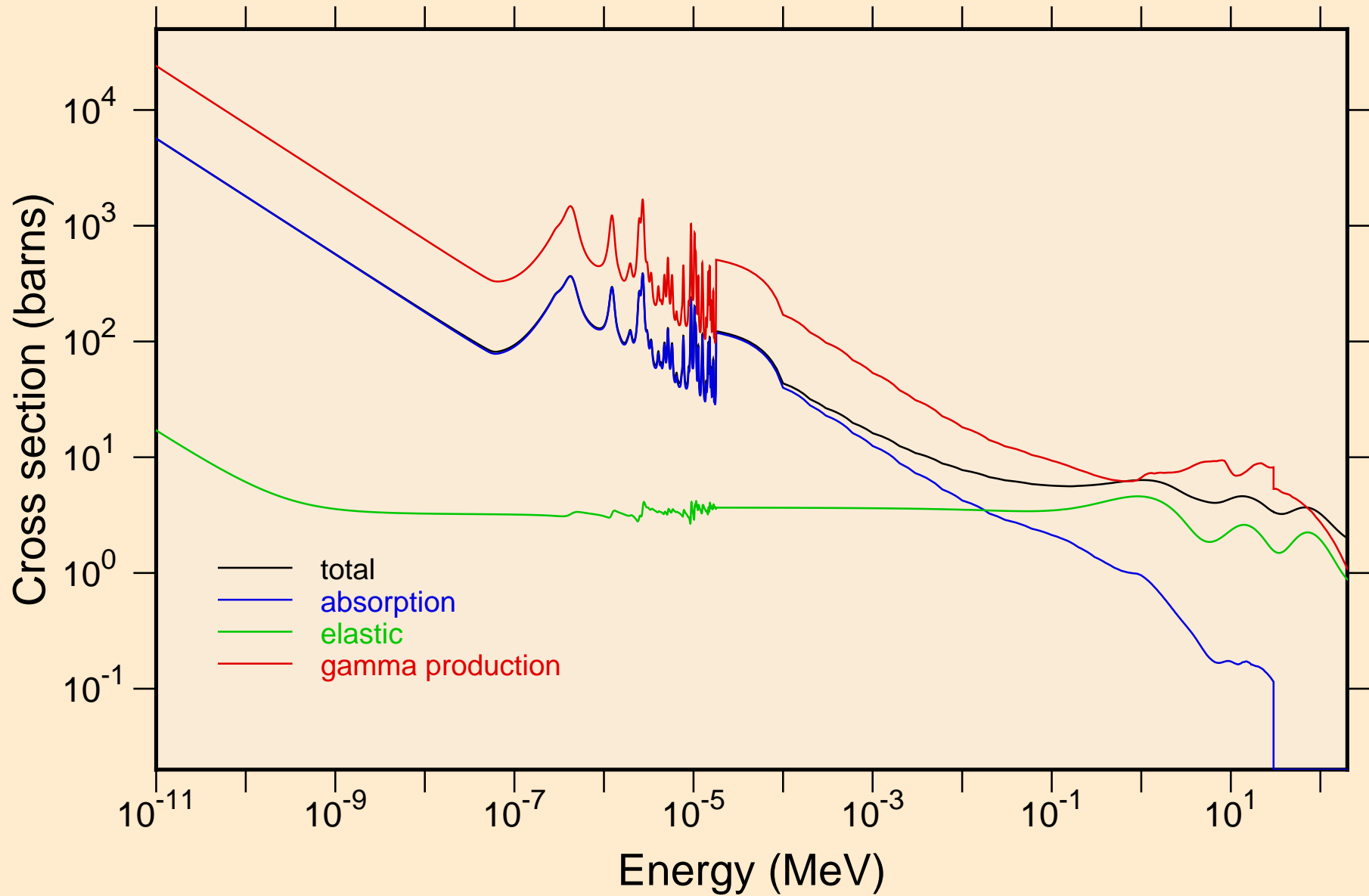
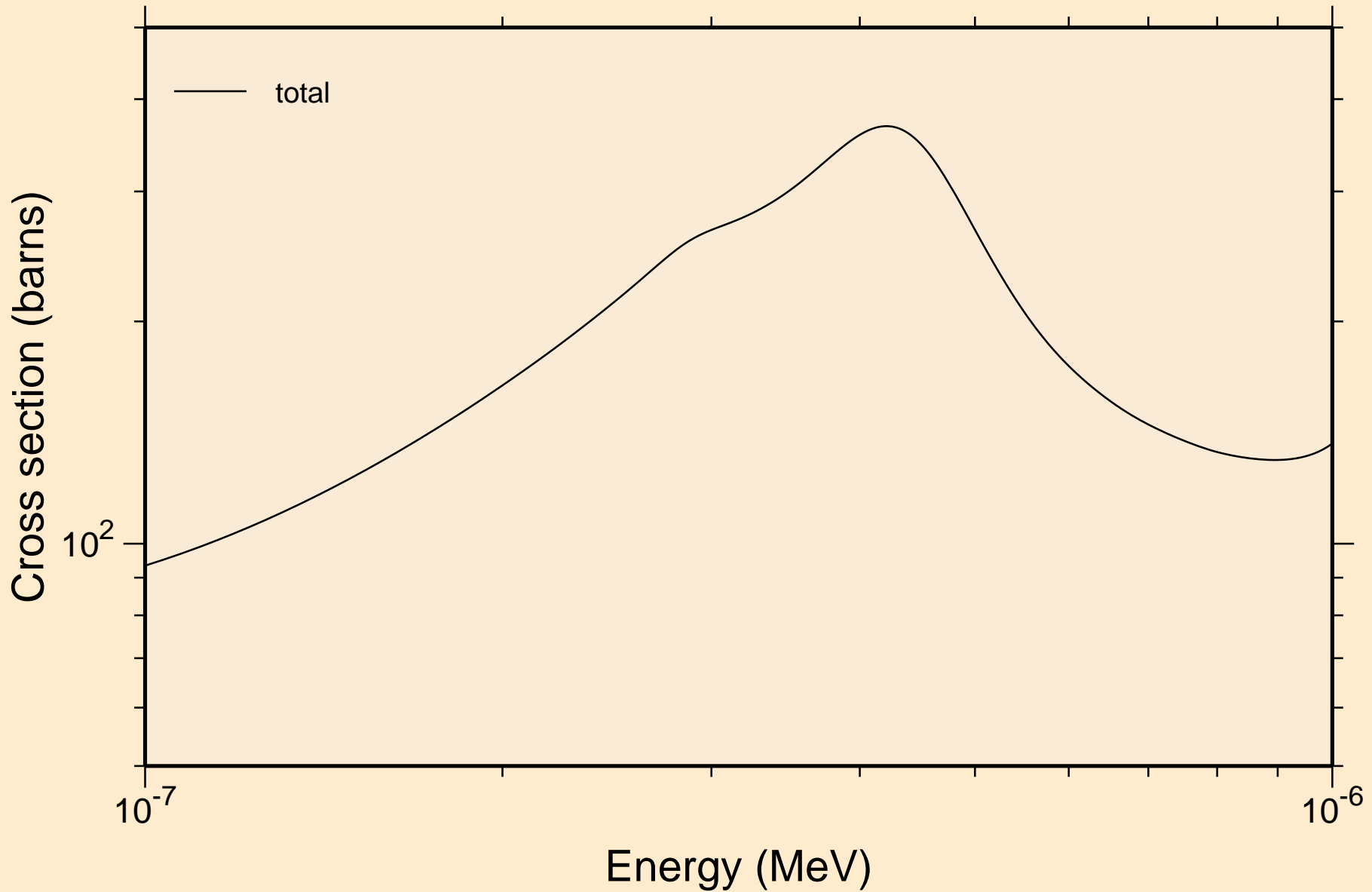


# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

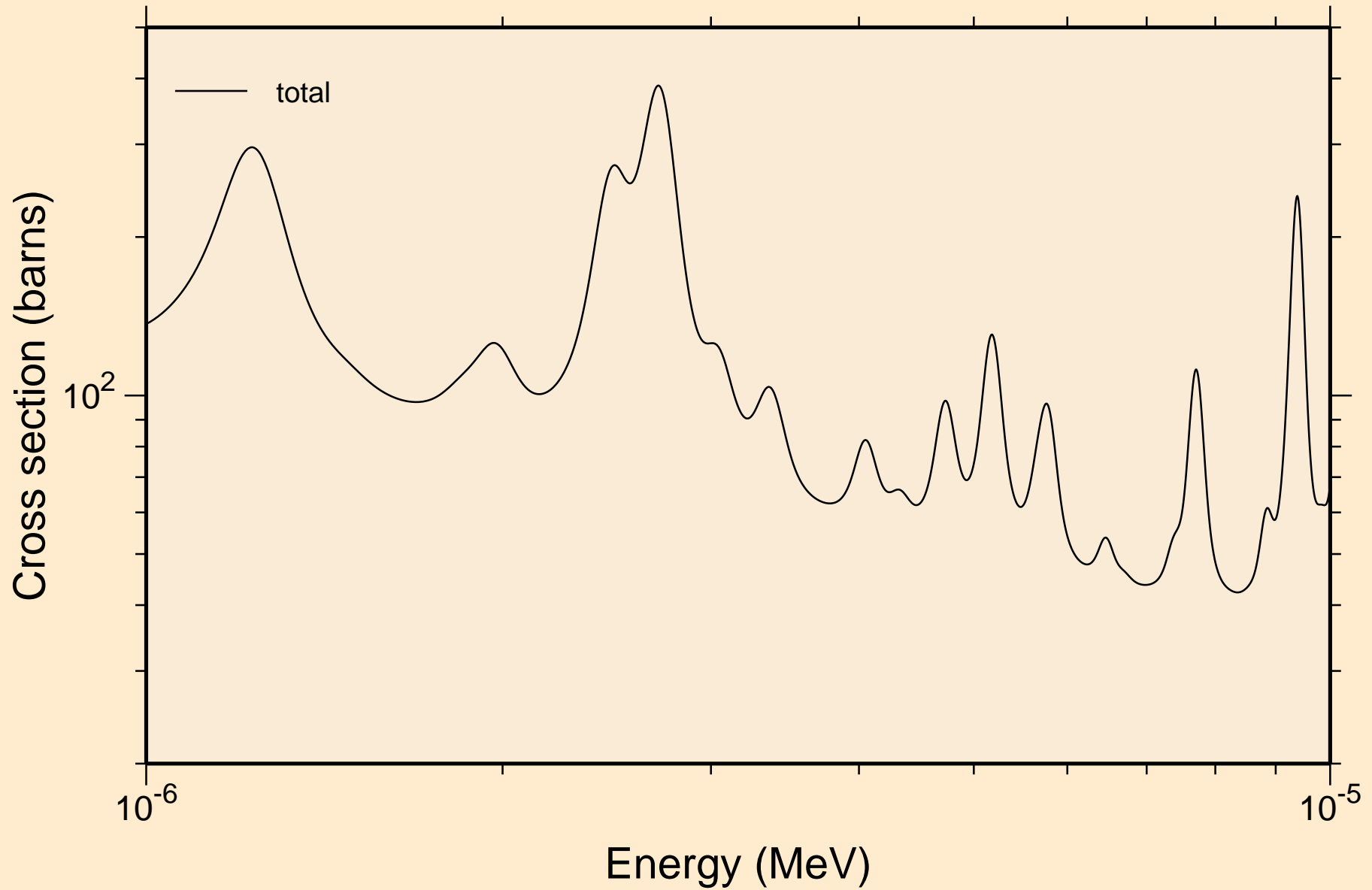
## Principal cross sections



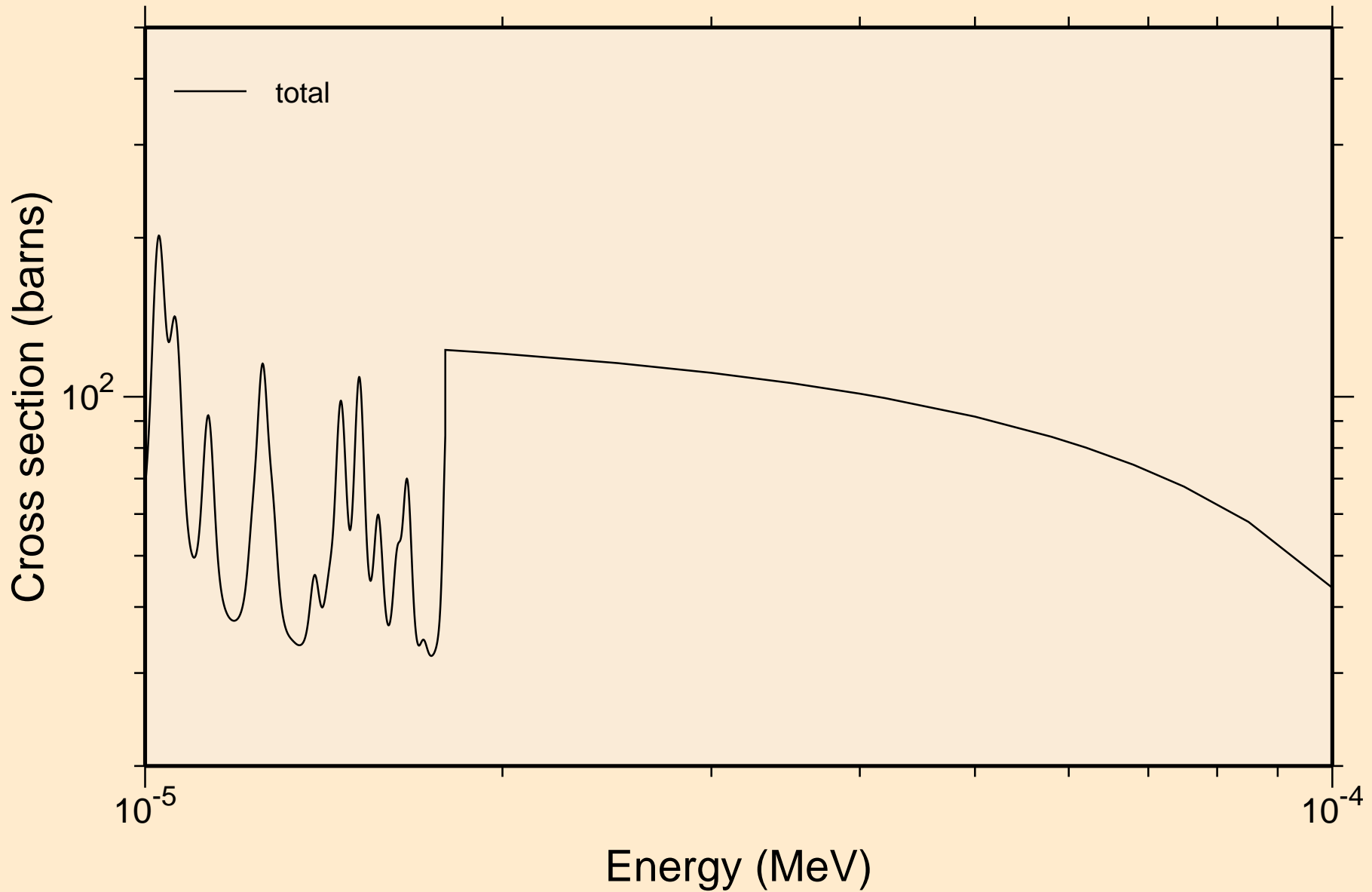
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



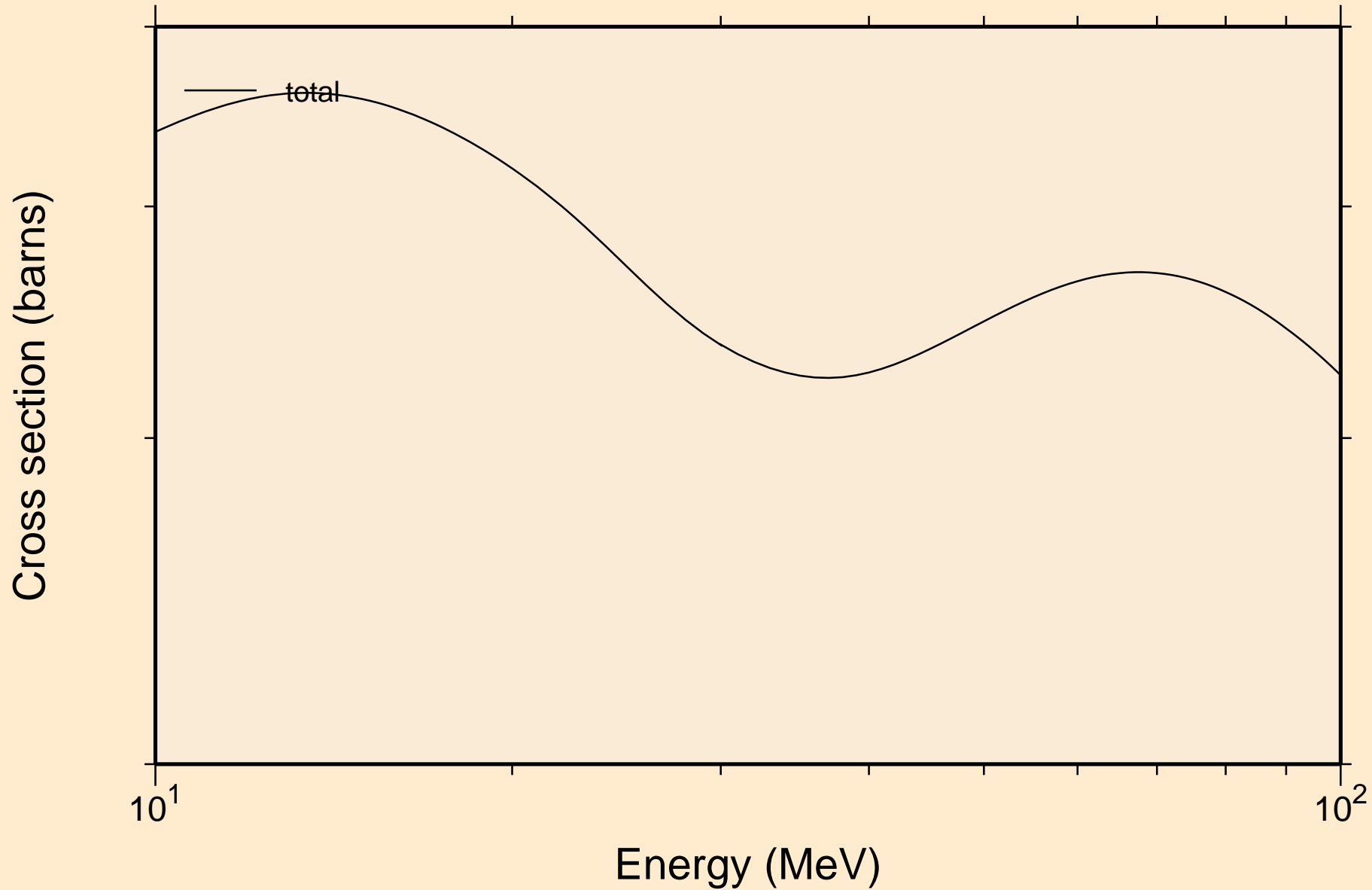
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



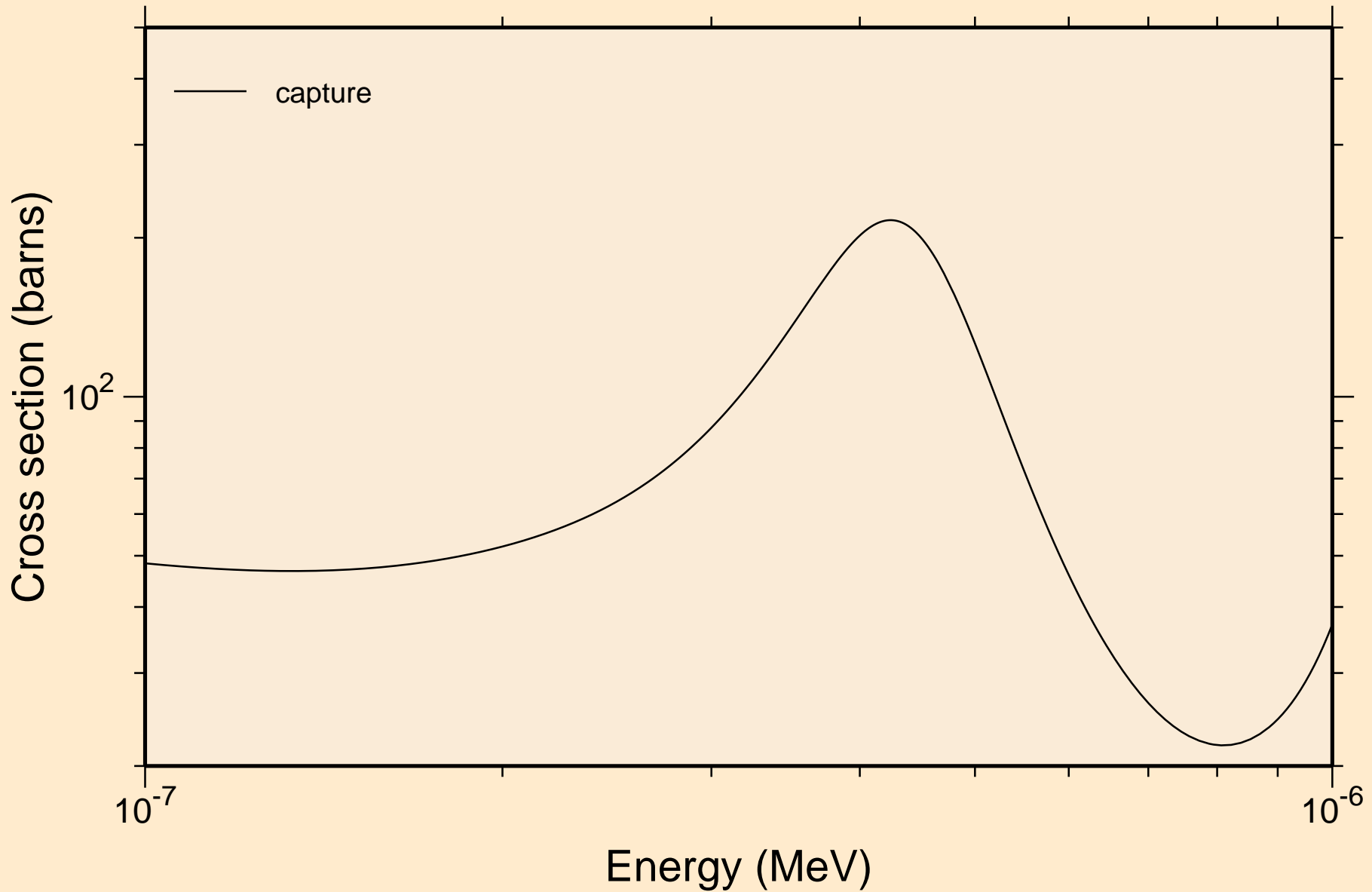
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



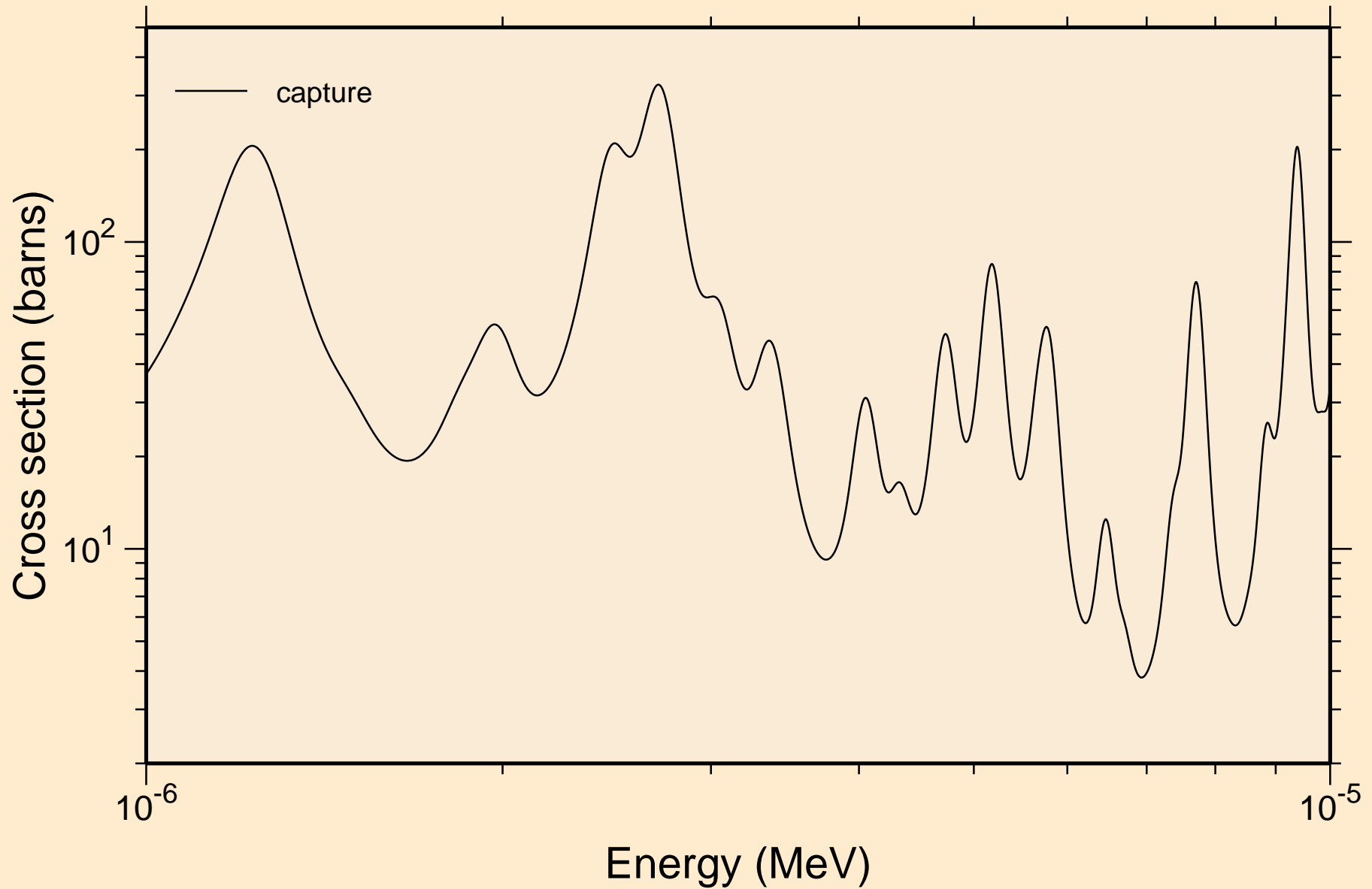
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



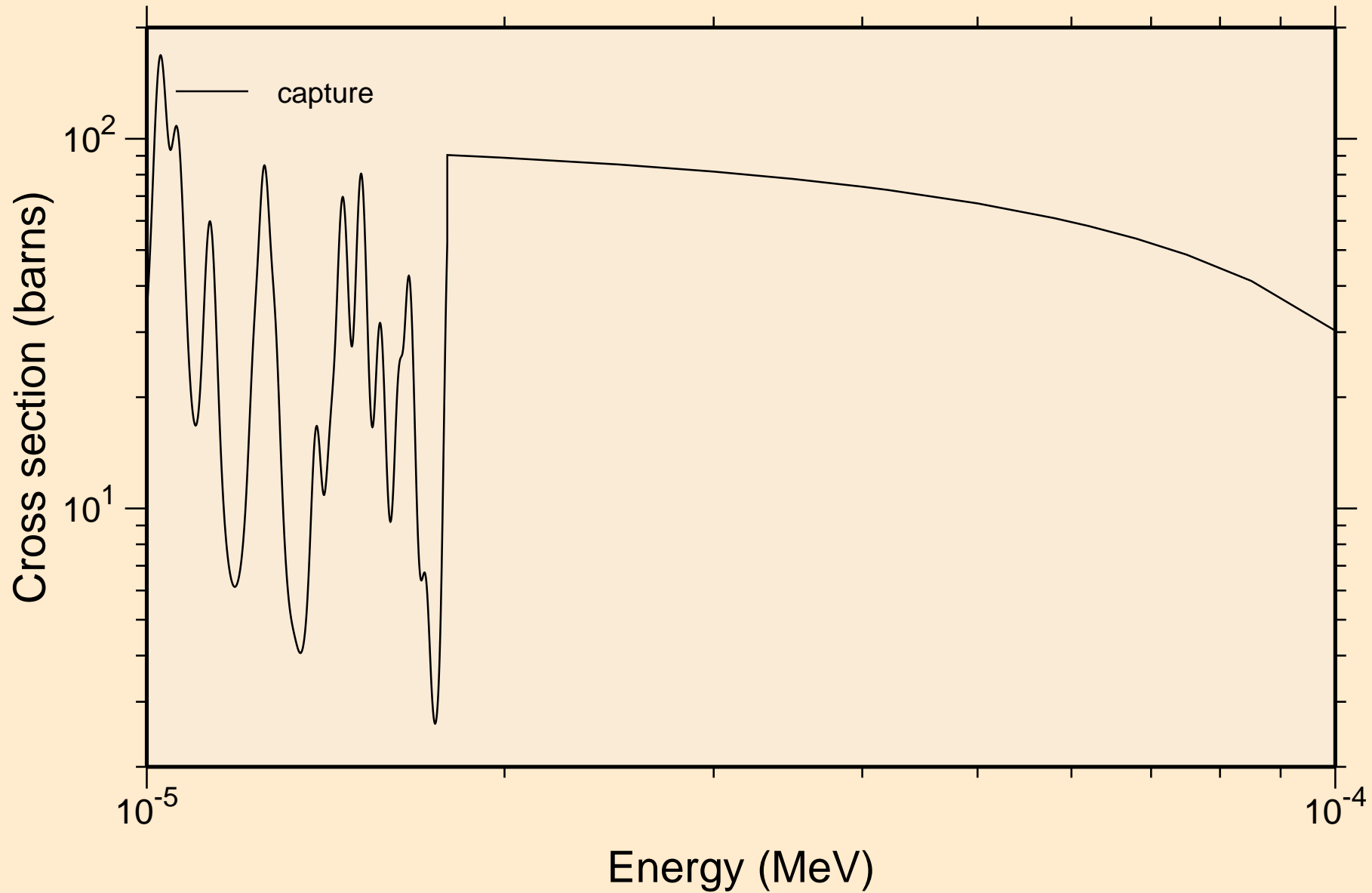
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

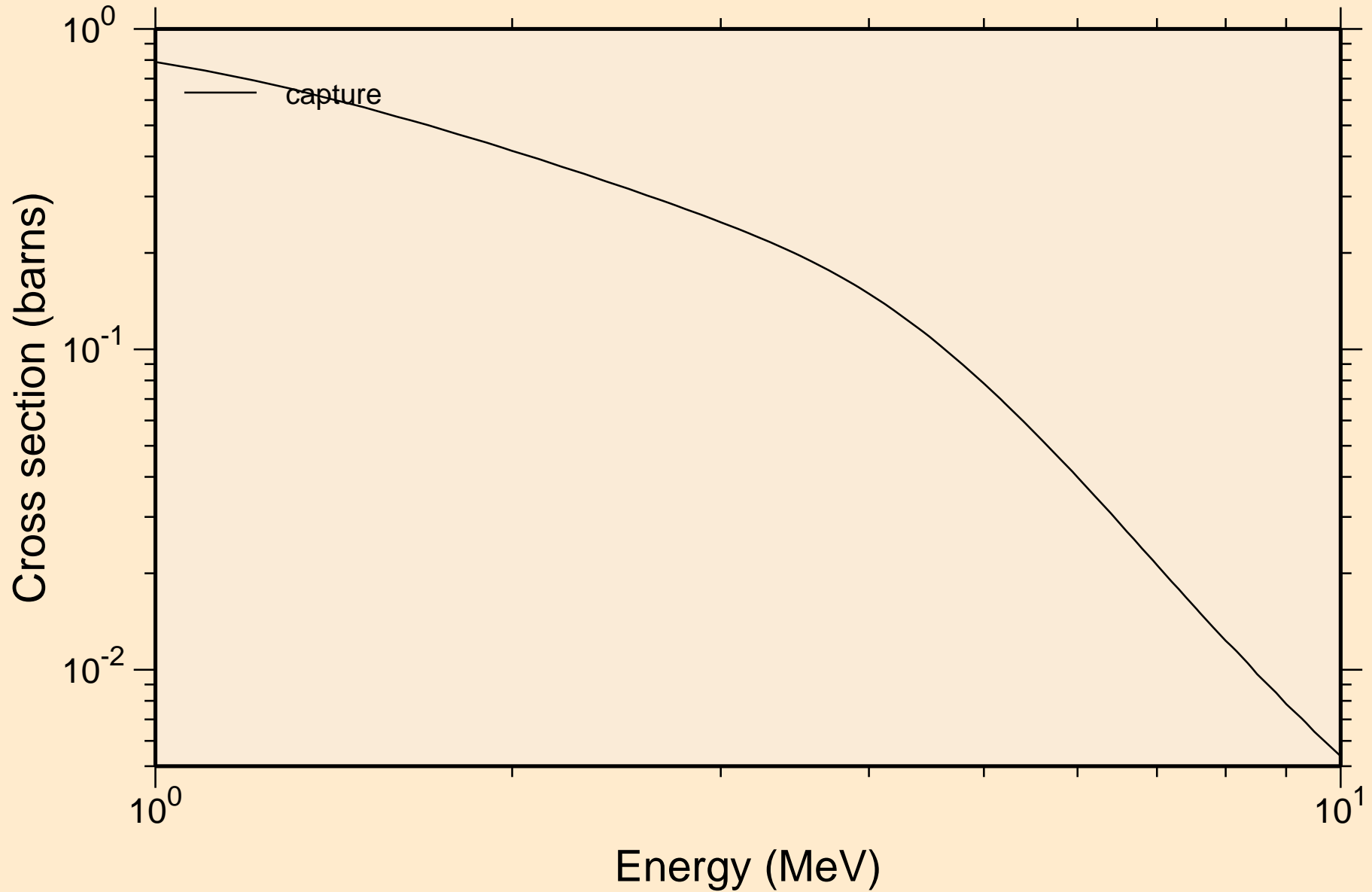


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



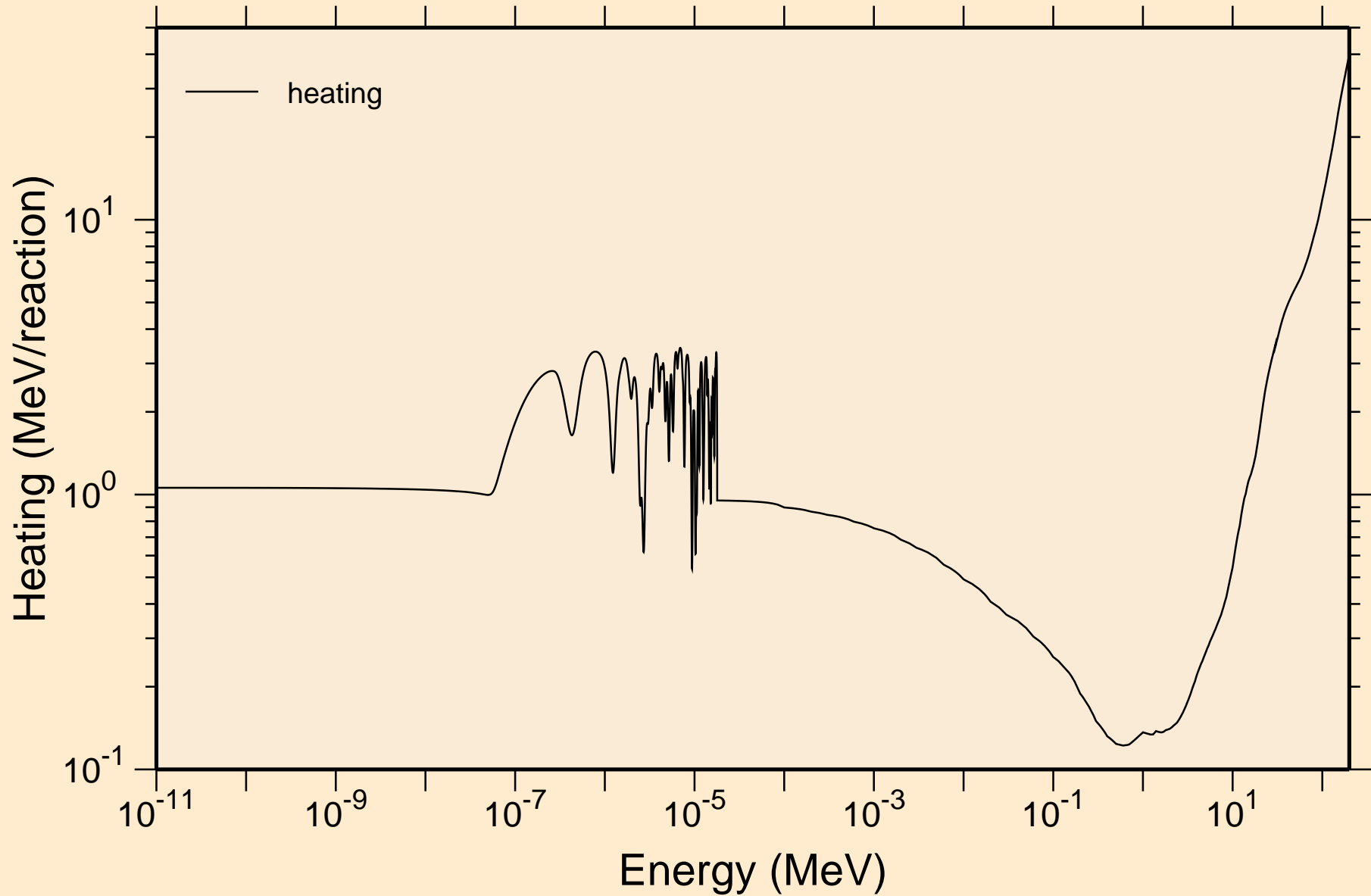


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

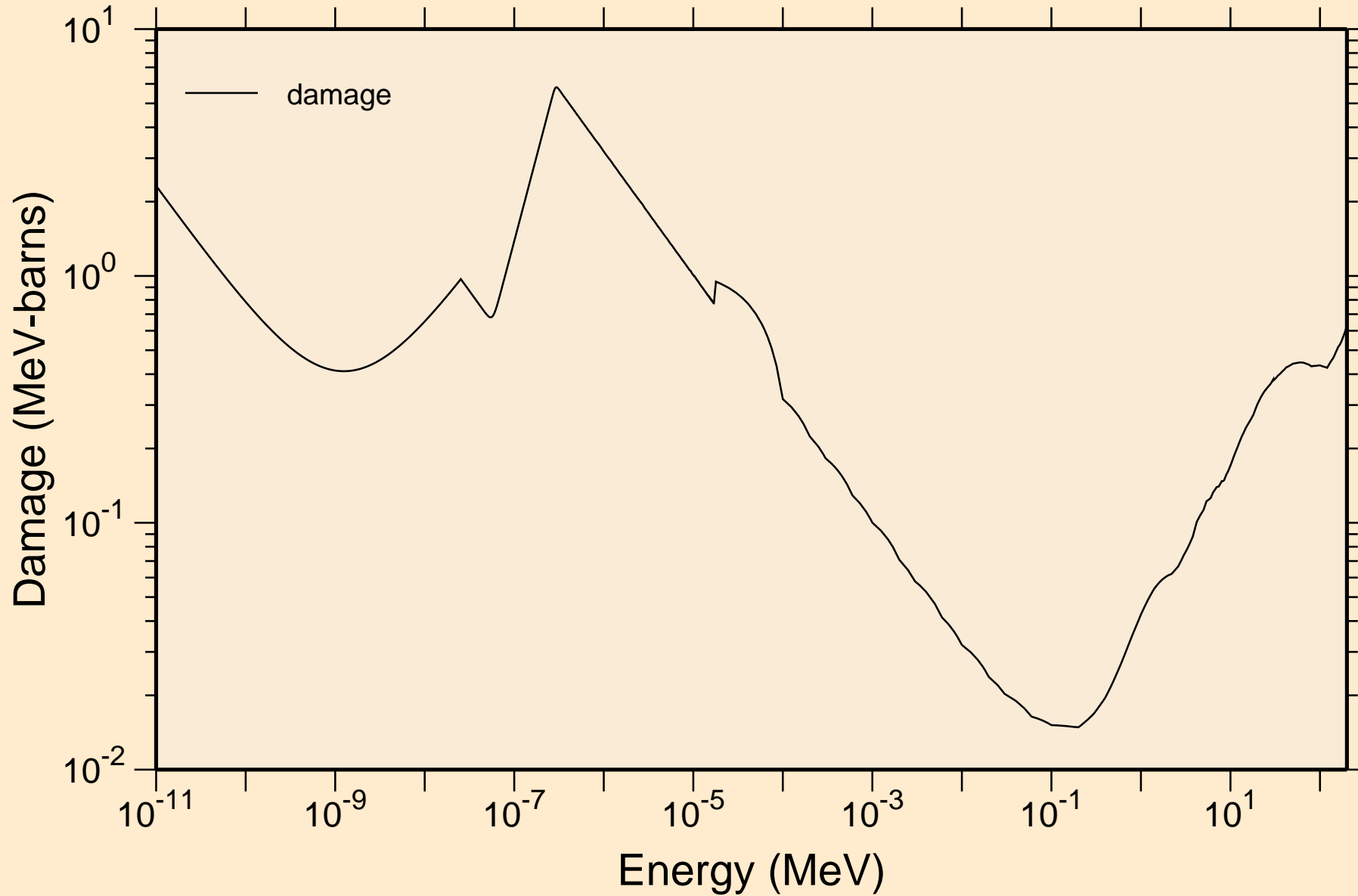


# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

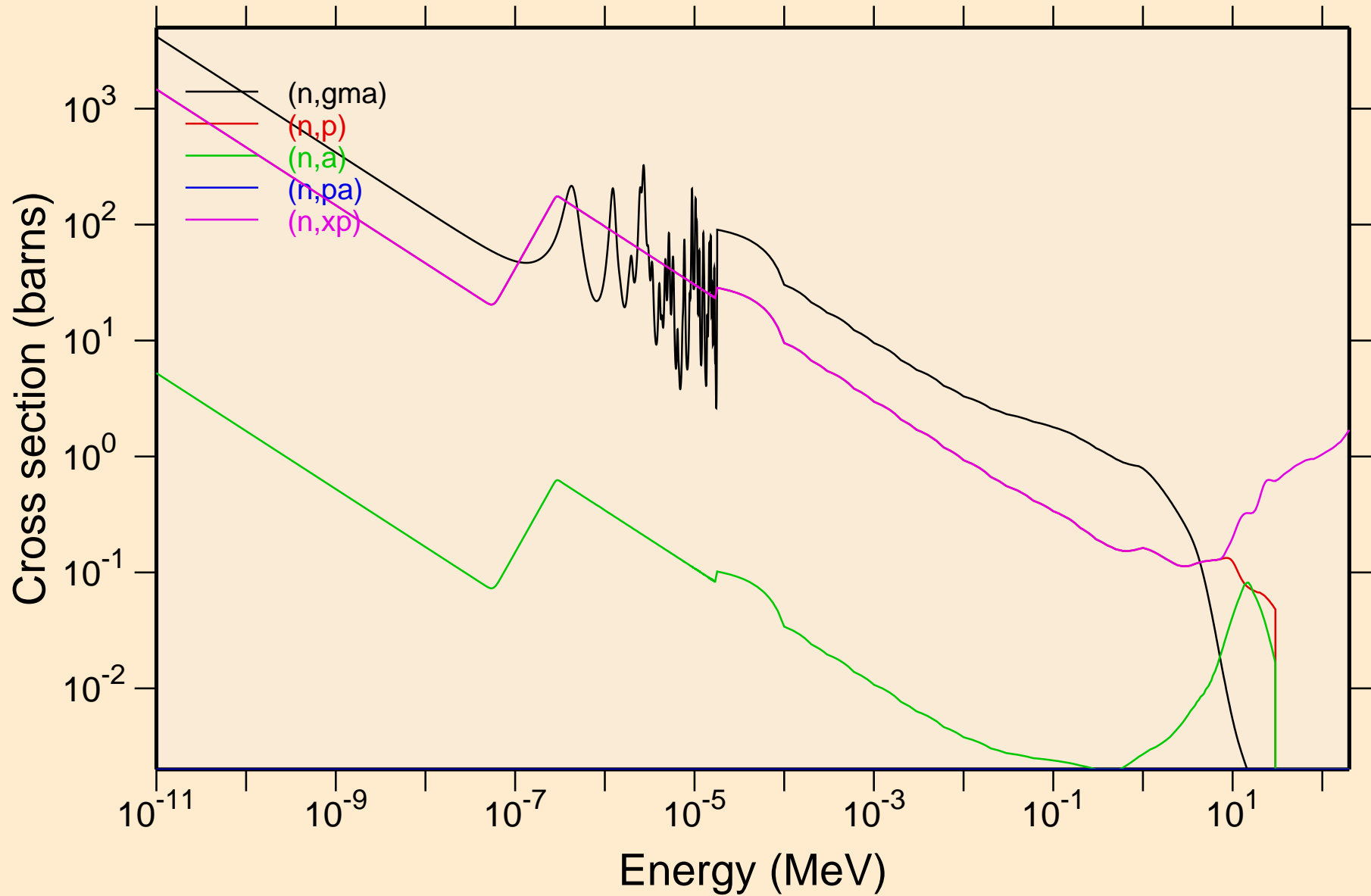


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

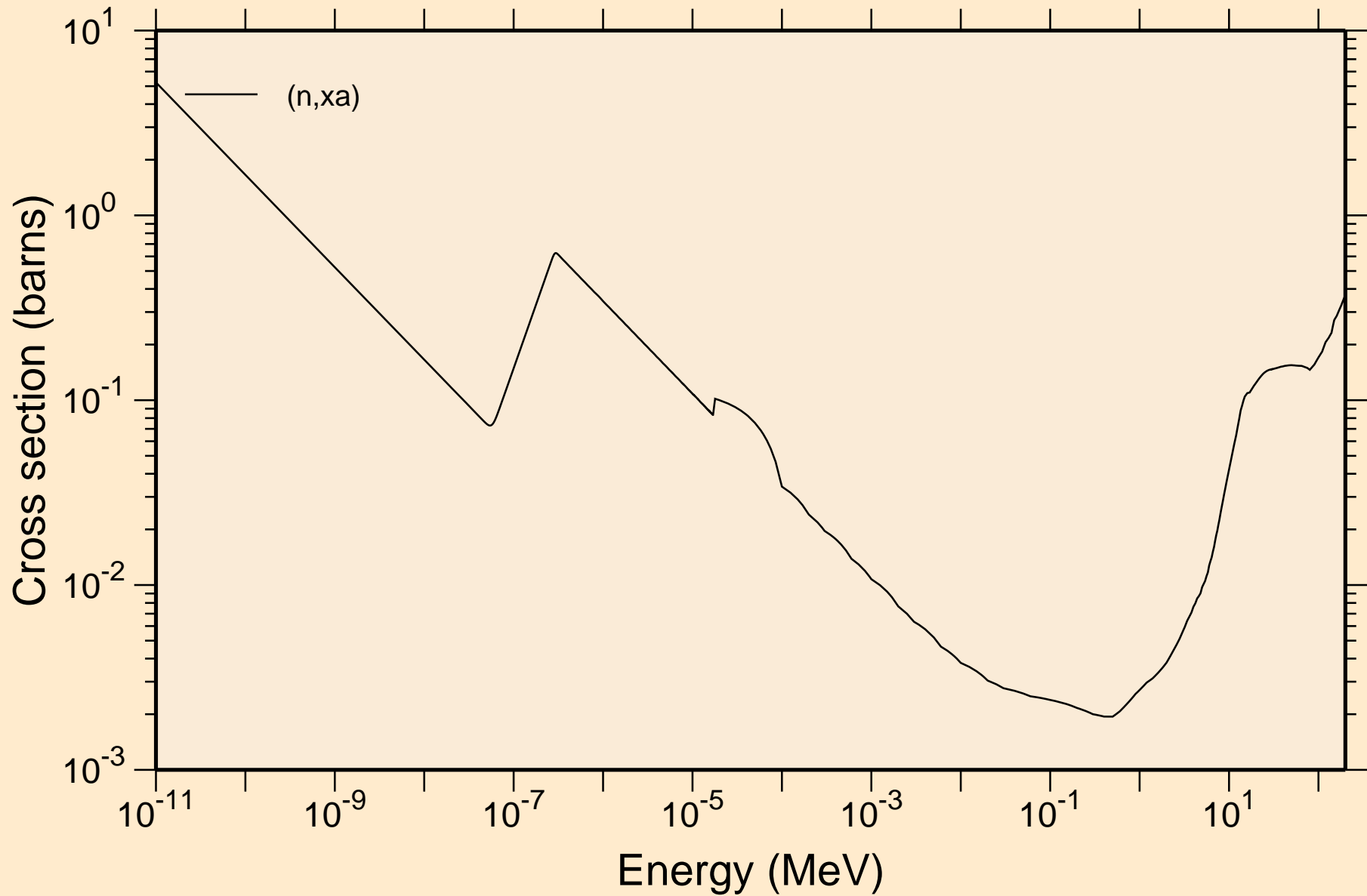


# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

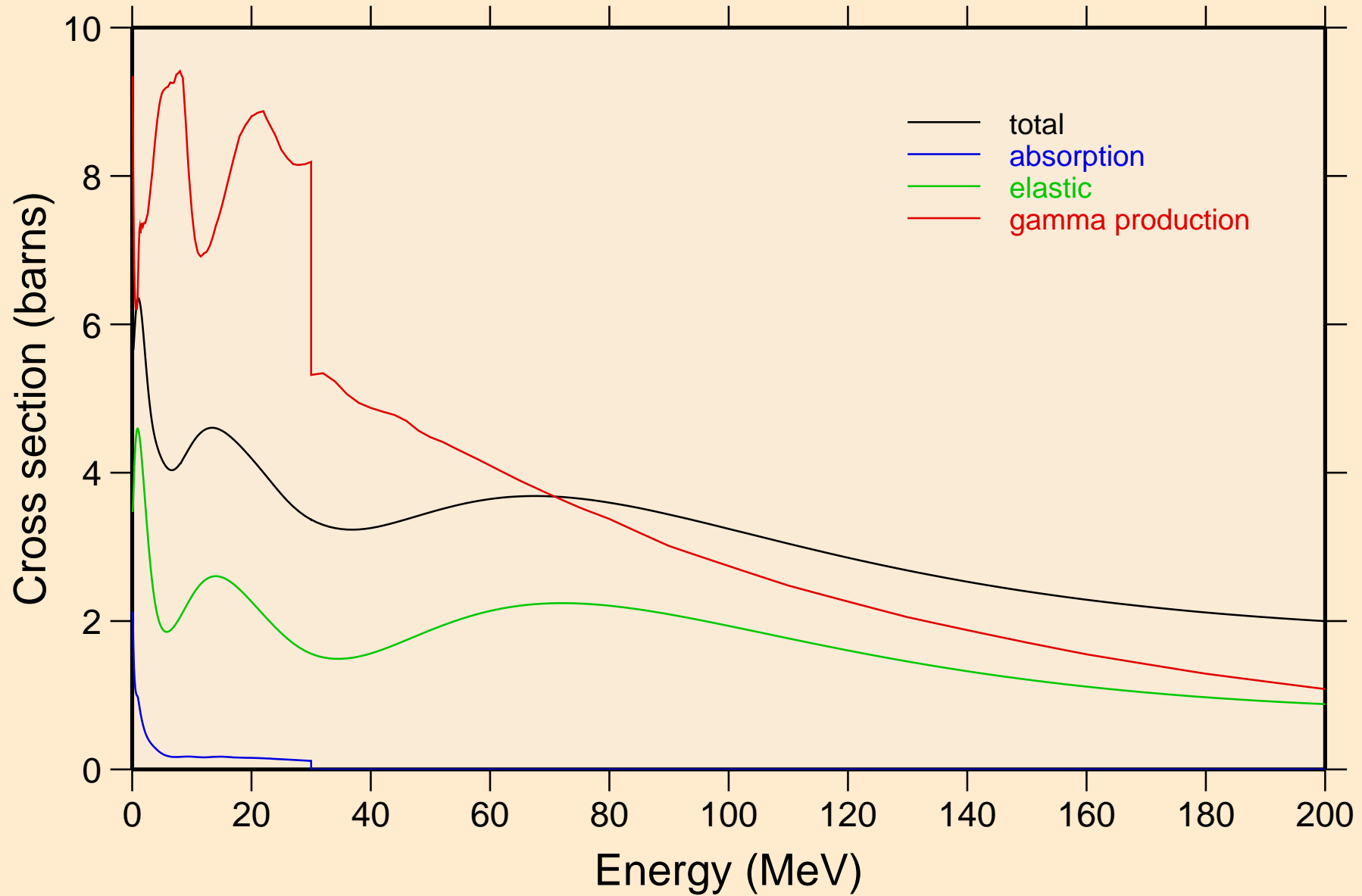


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



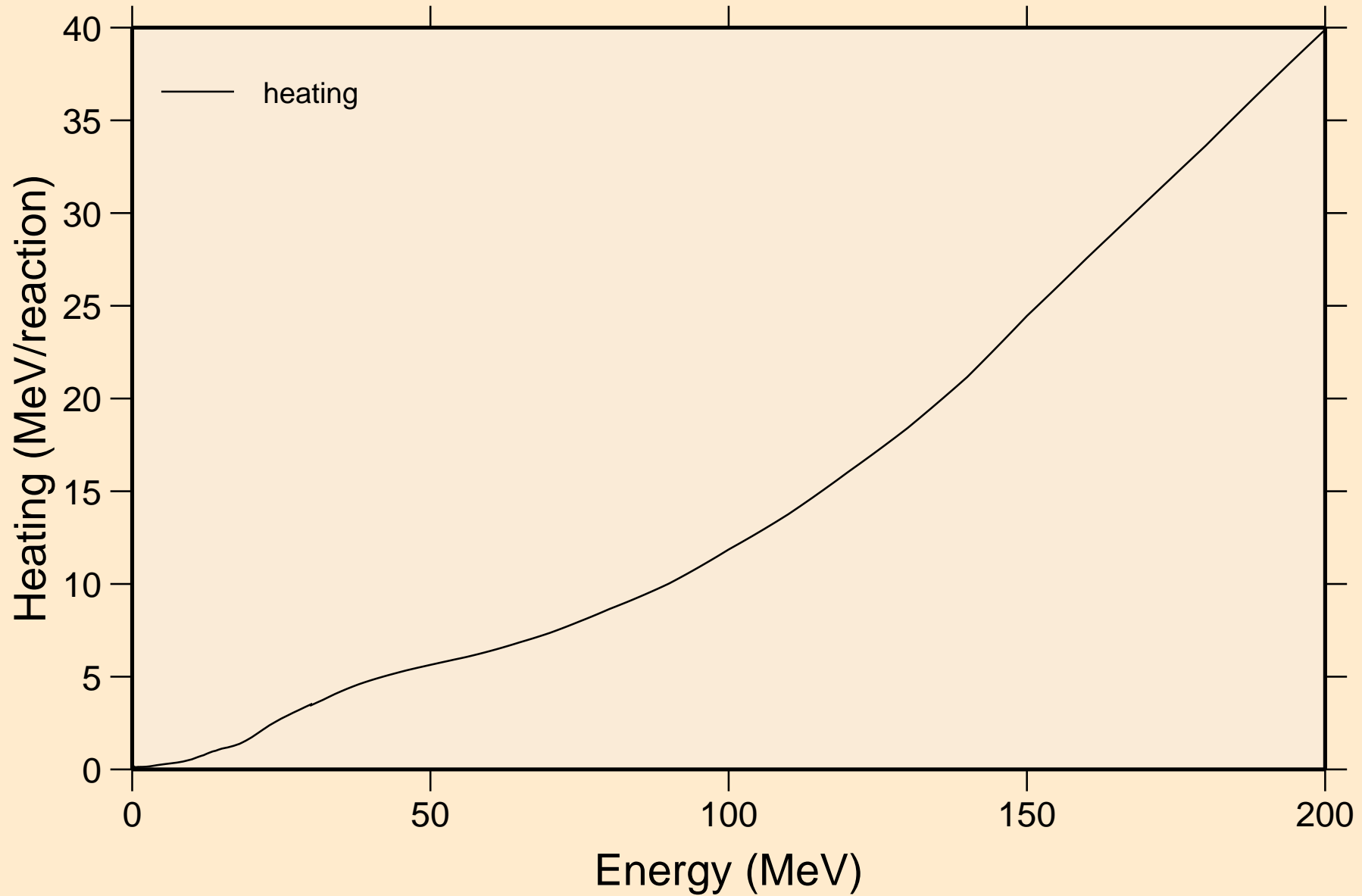
# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

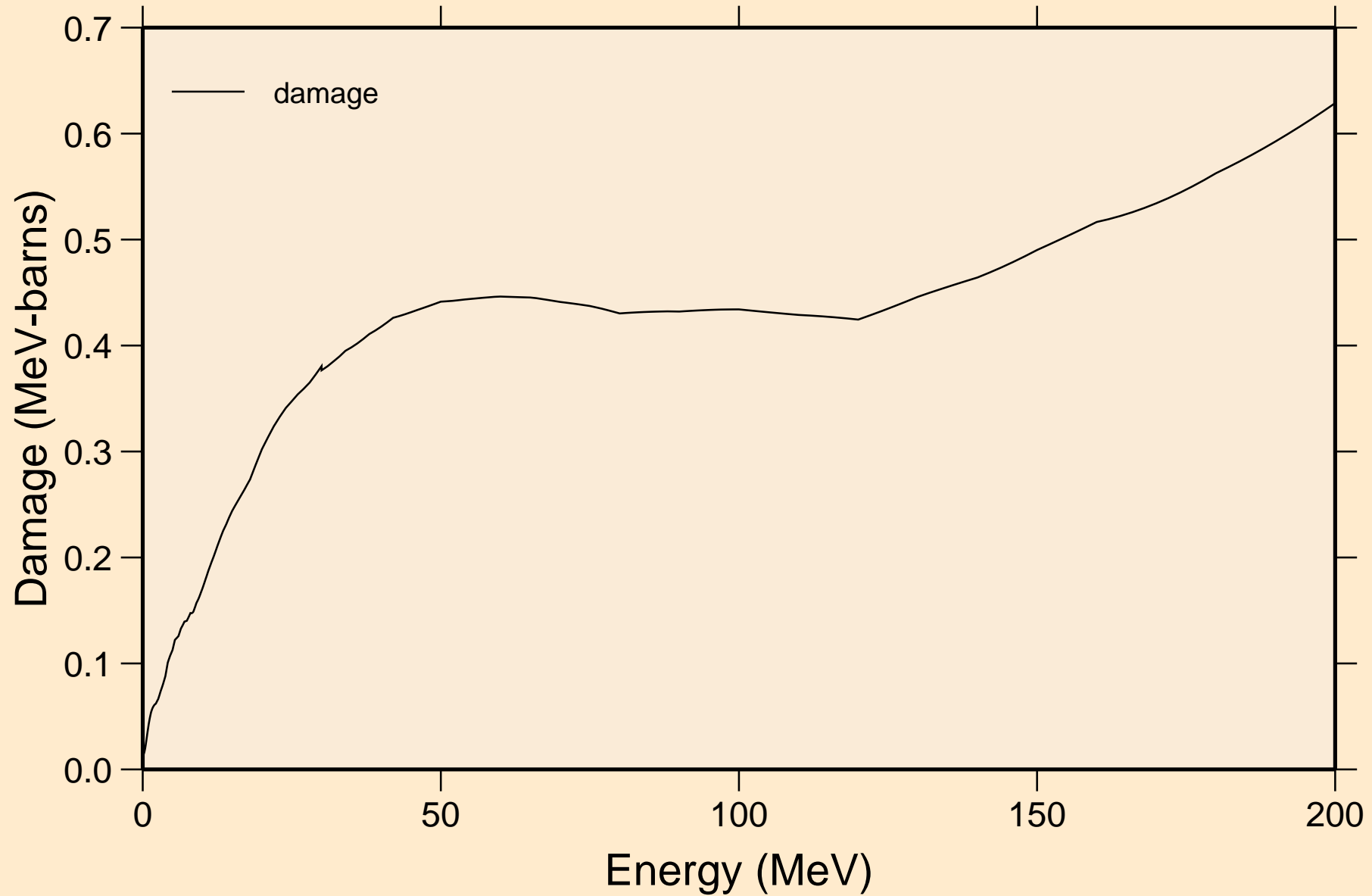


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Heating



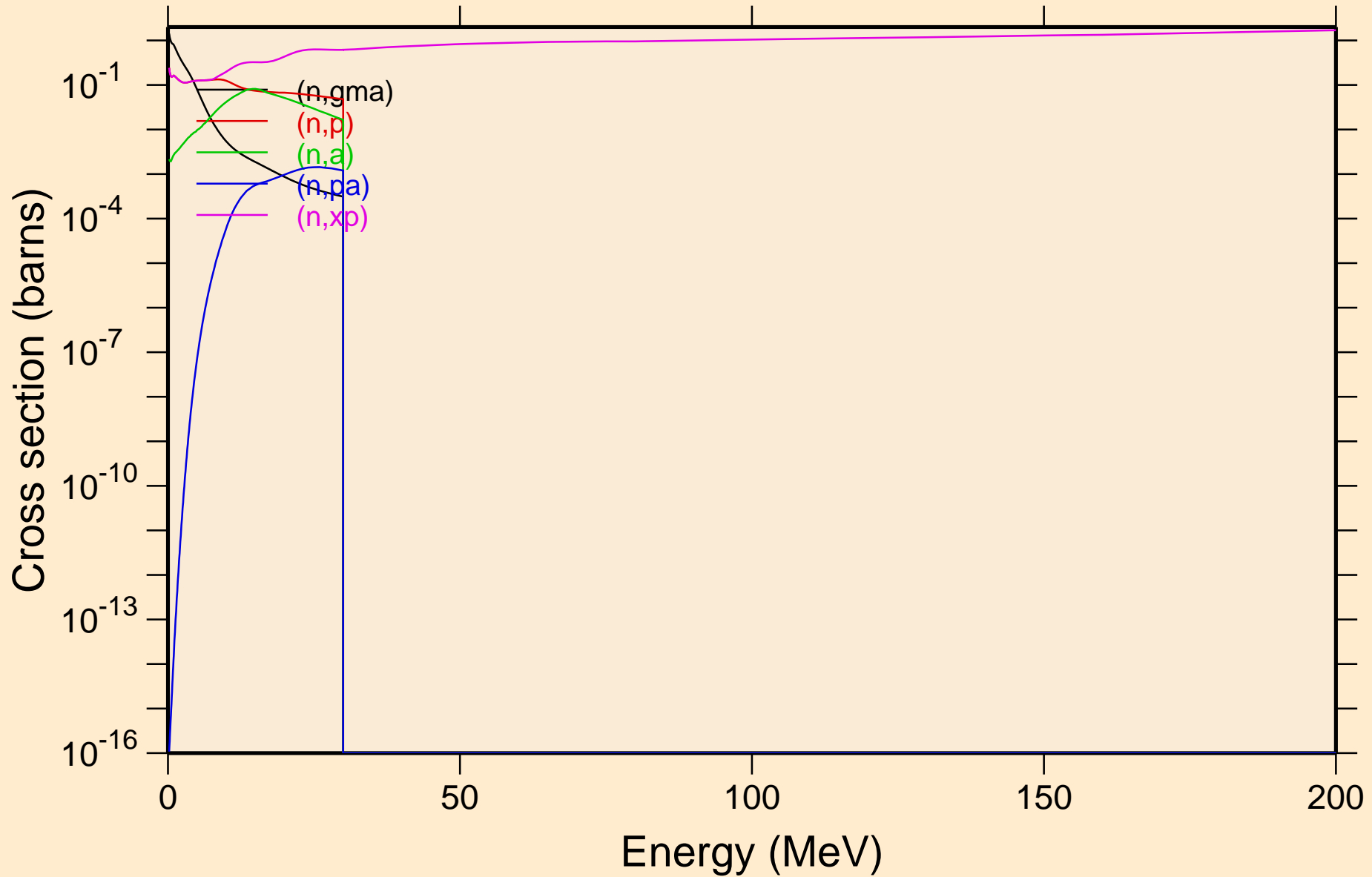
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



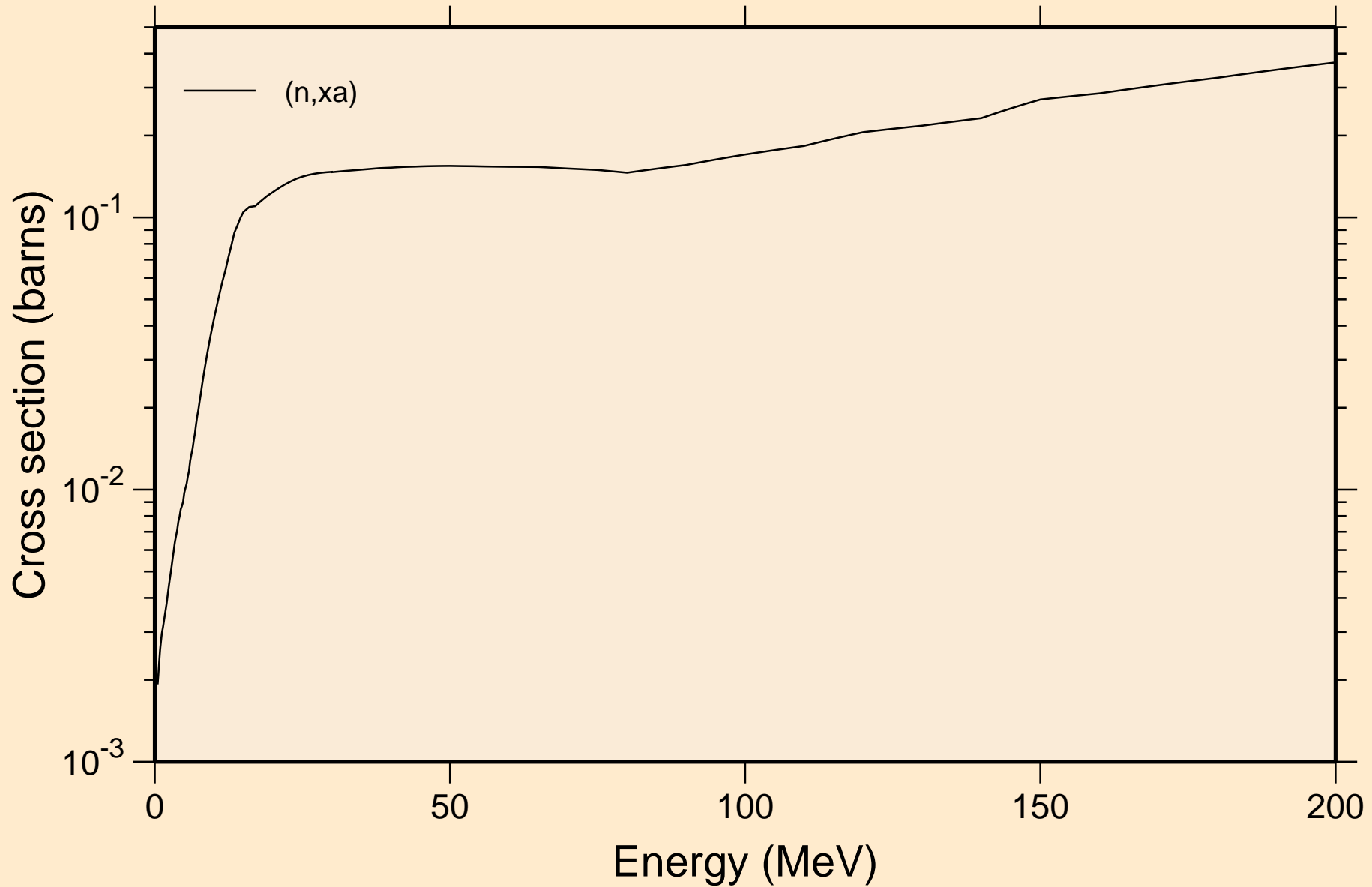


# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

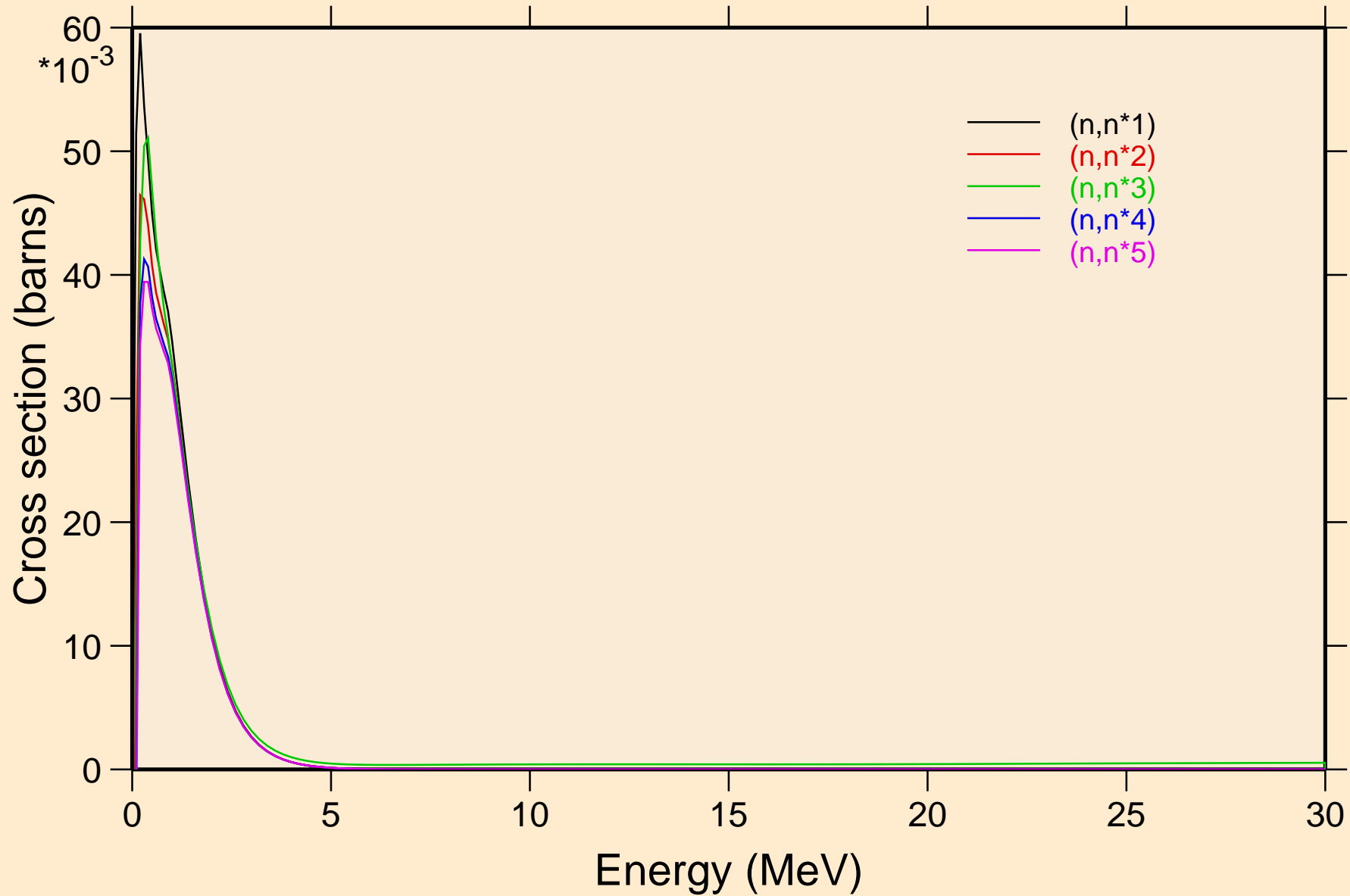
## Non-threshold reactions



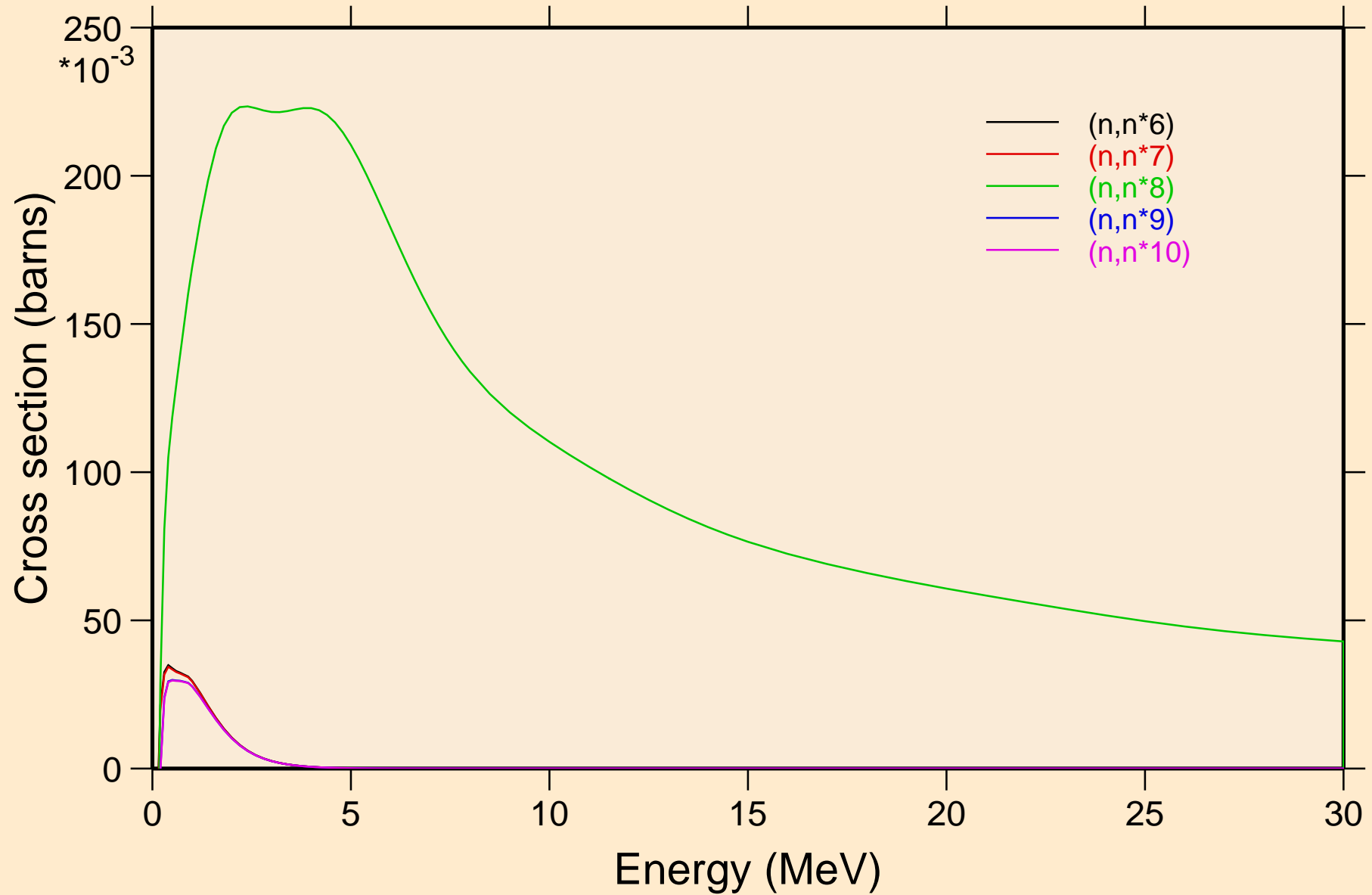
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



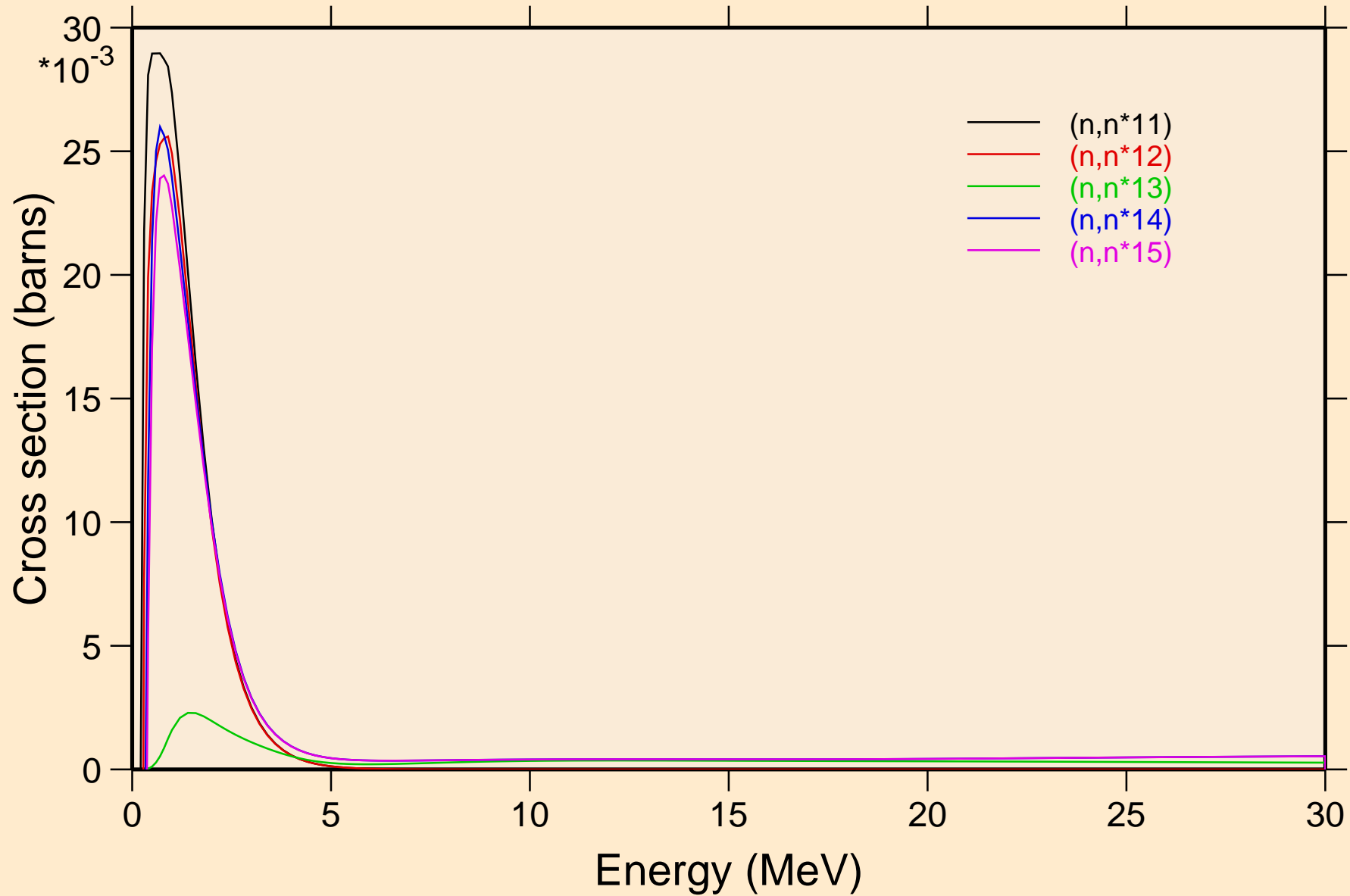
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



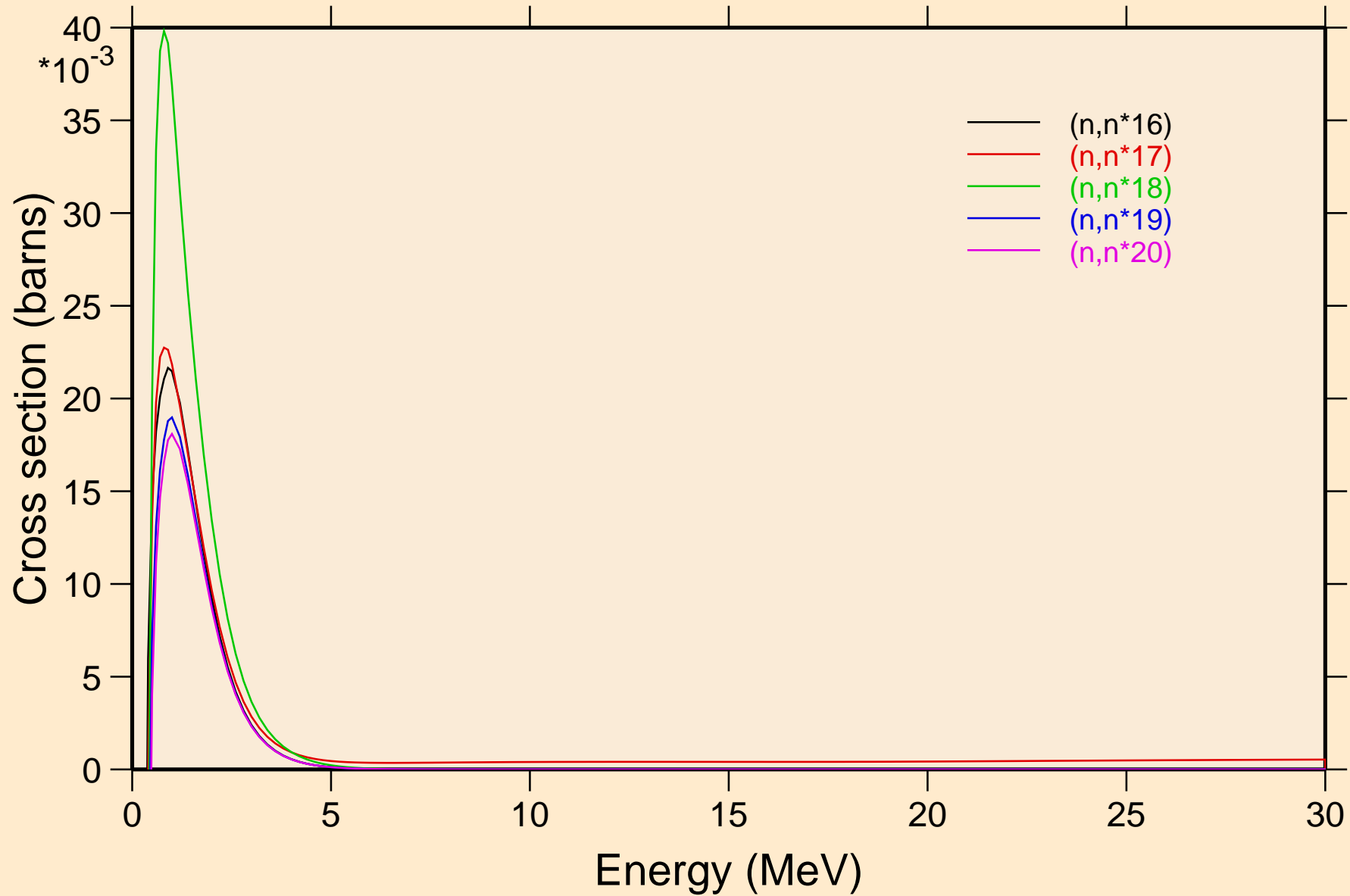
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



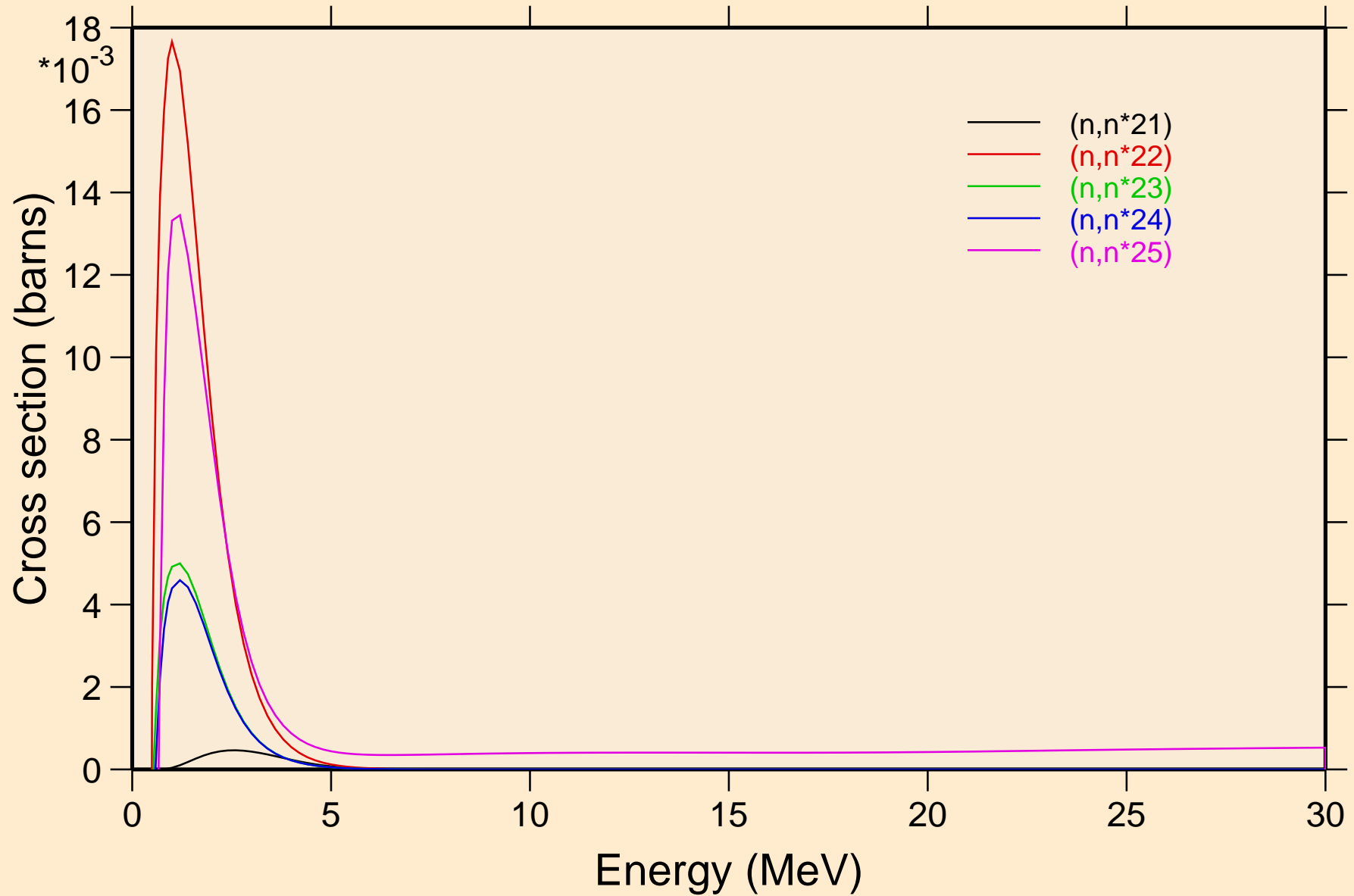
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



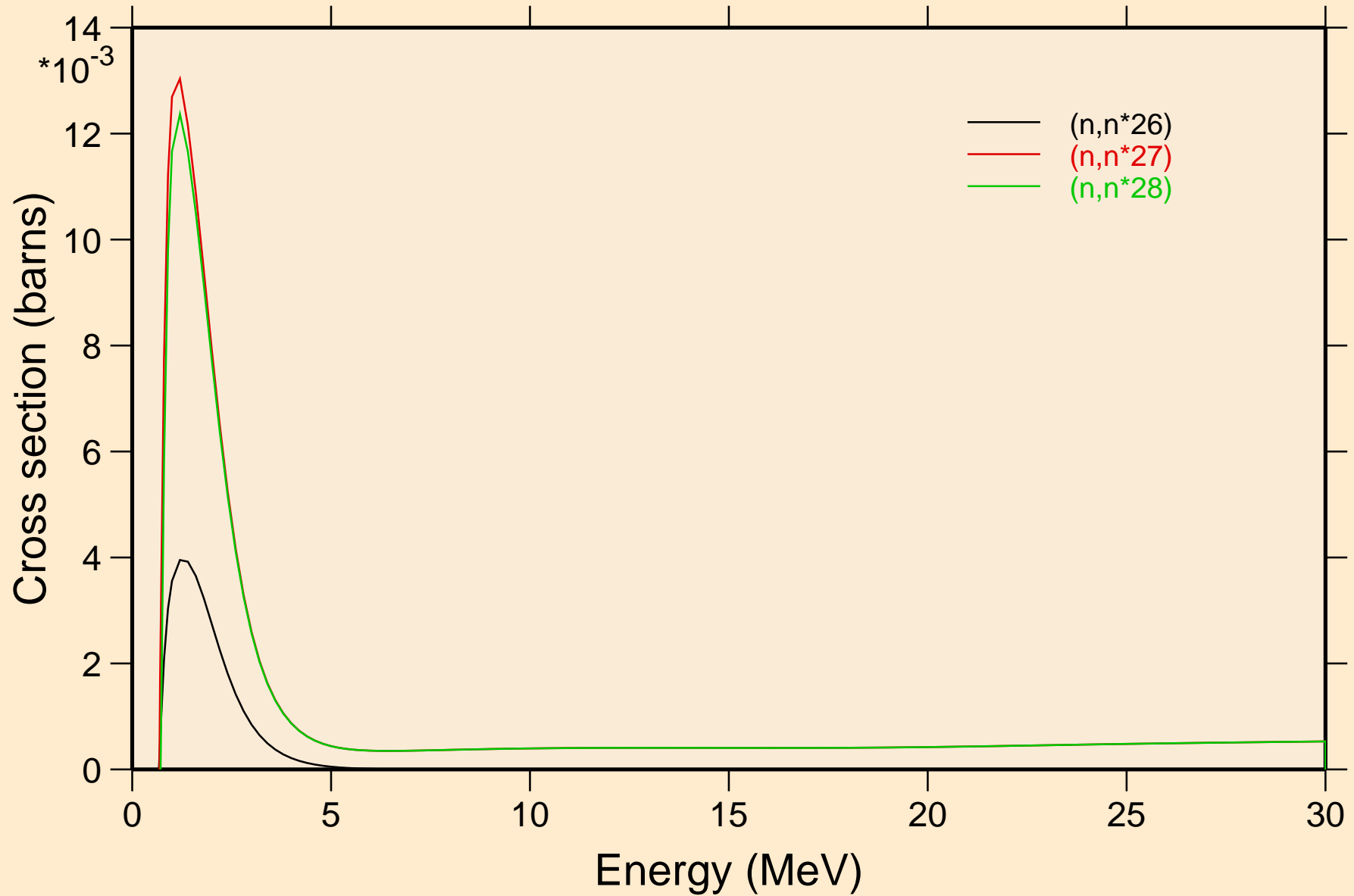
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



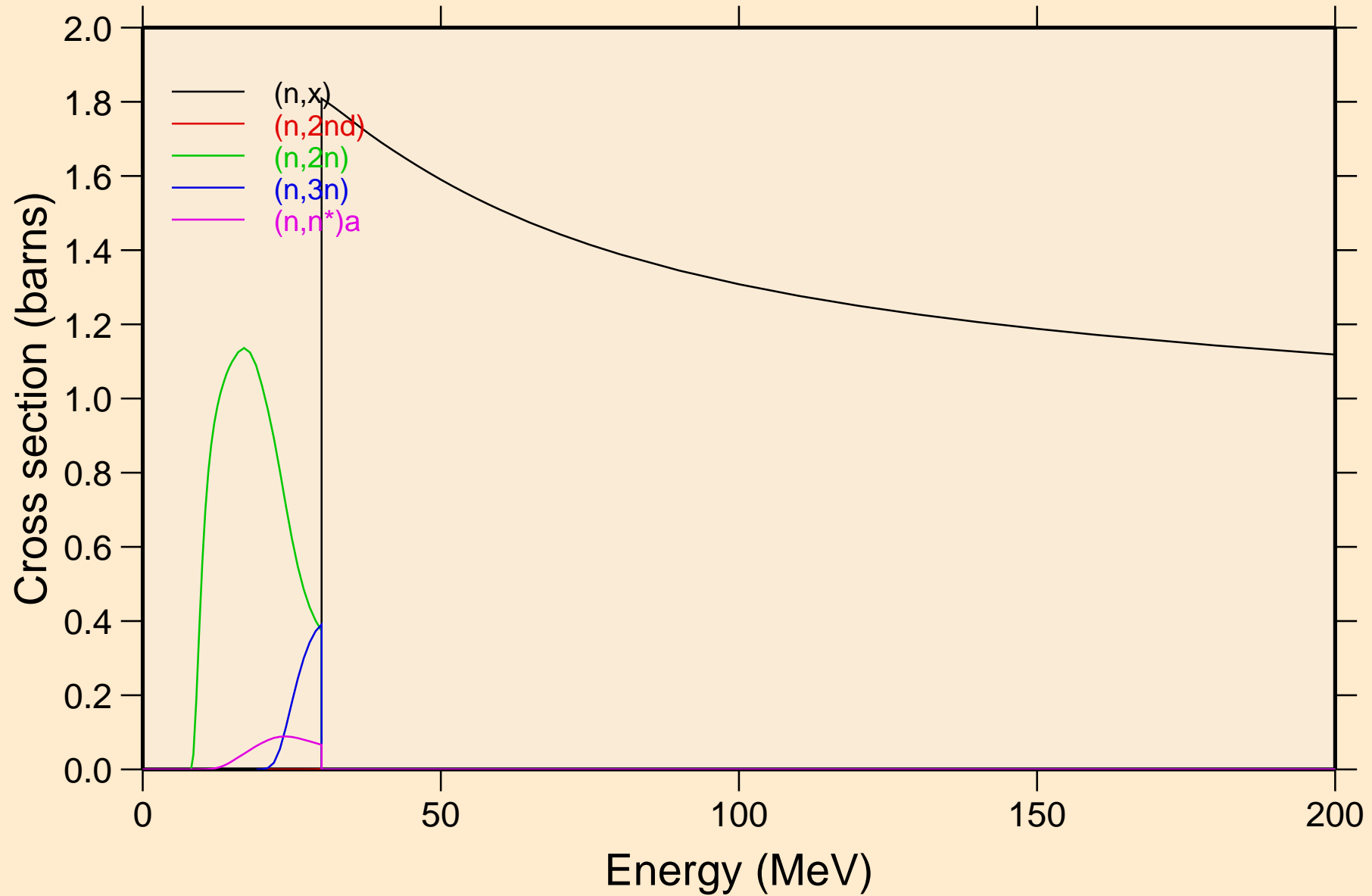
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels





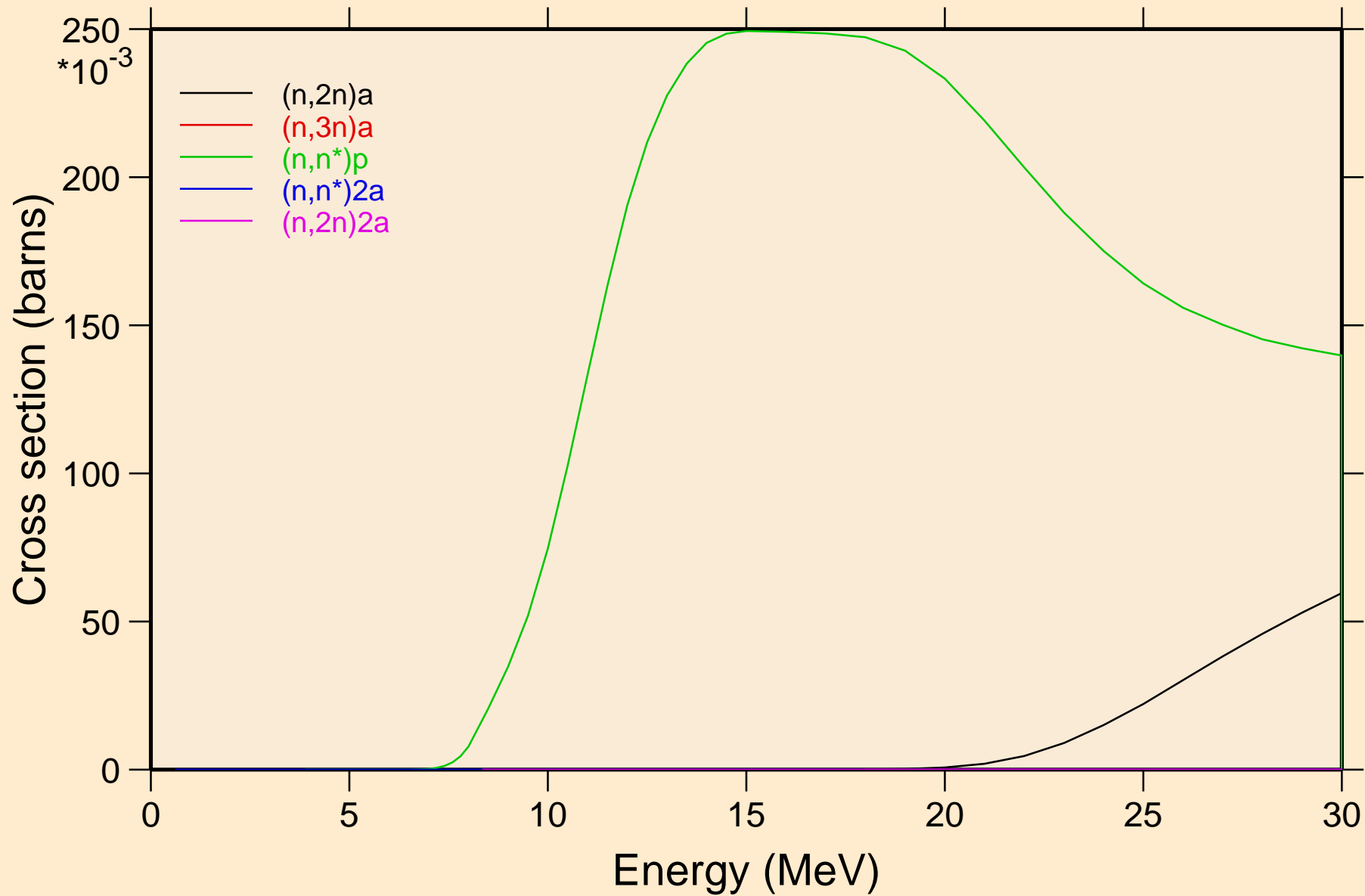
# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

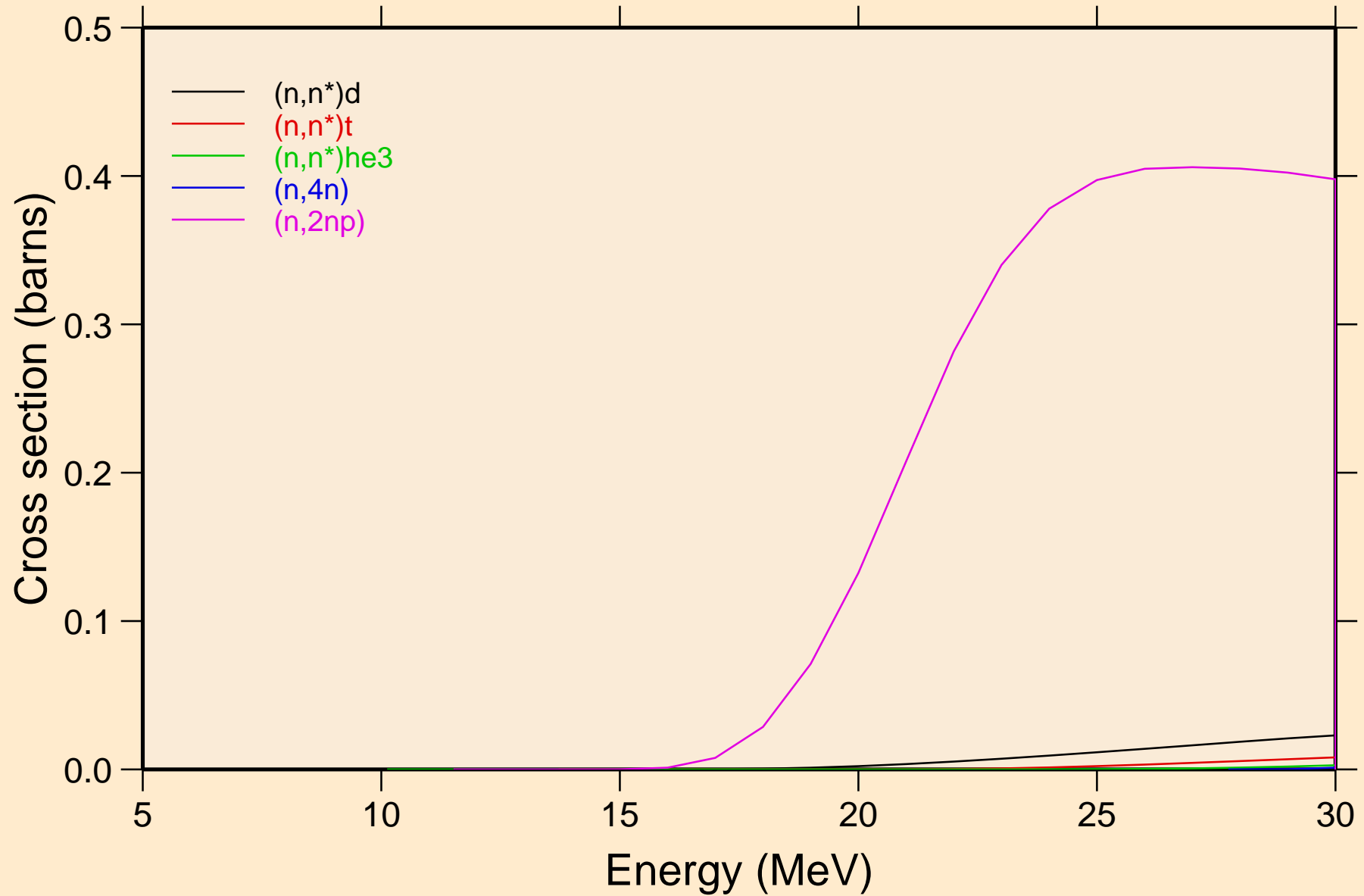


# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

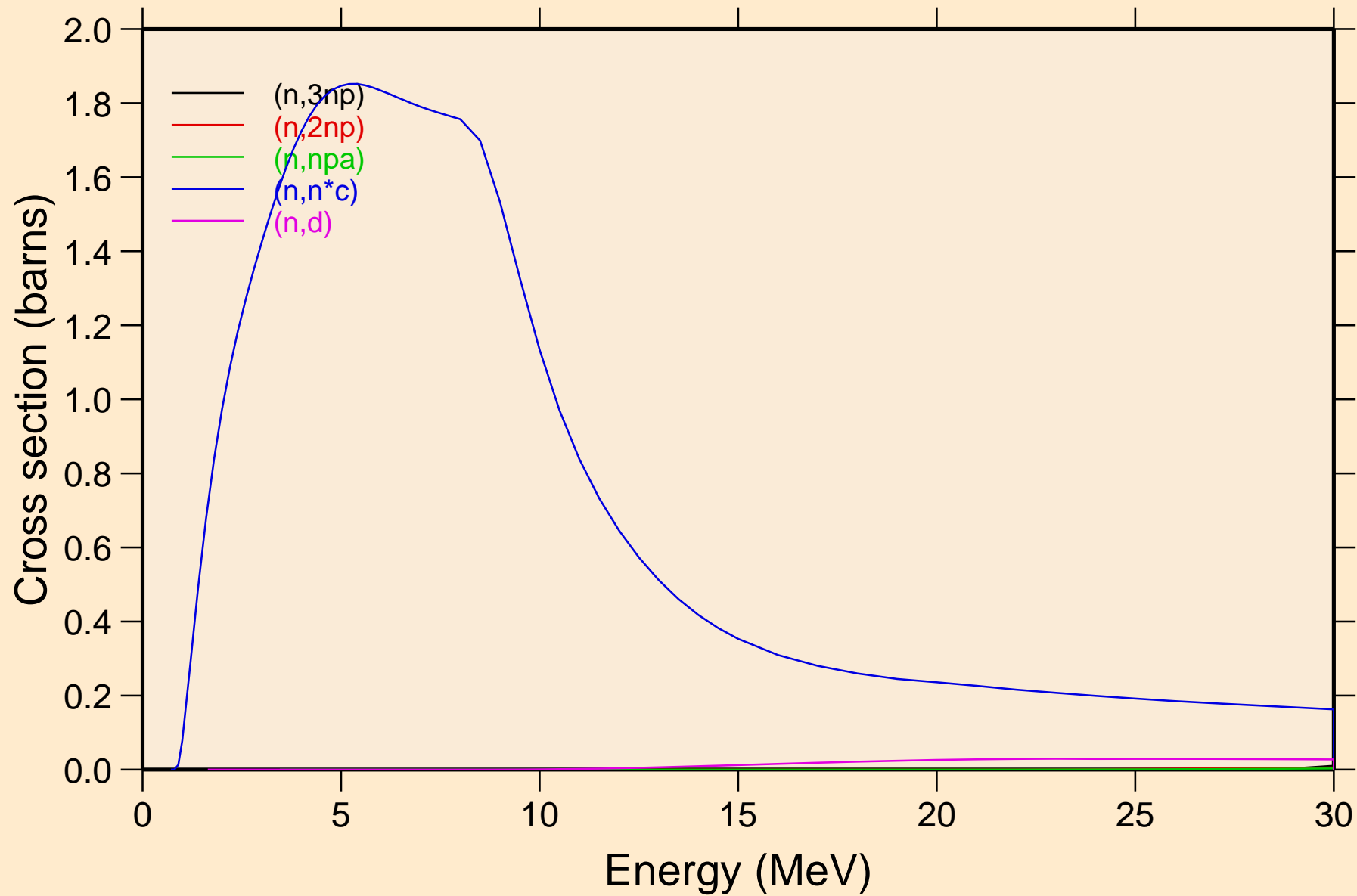
## Threshold reactions



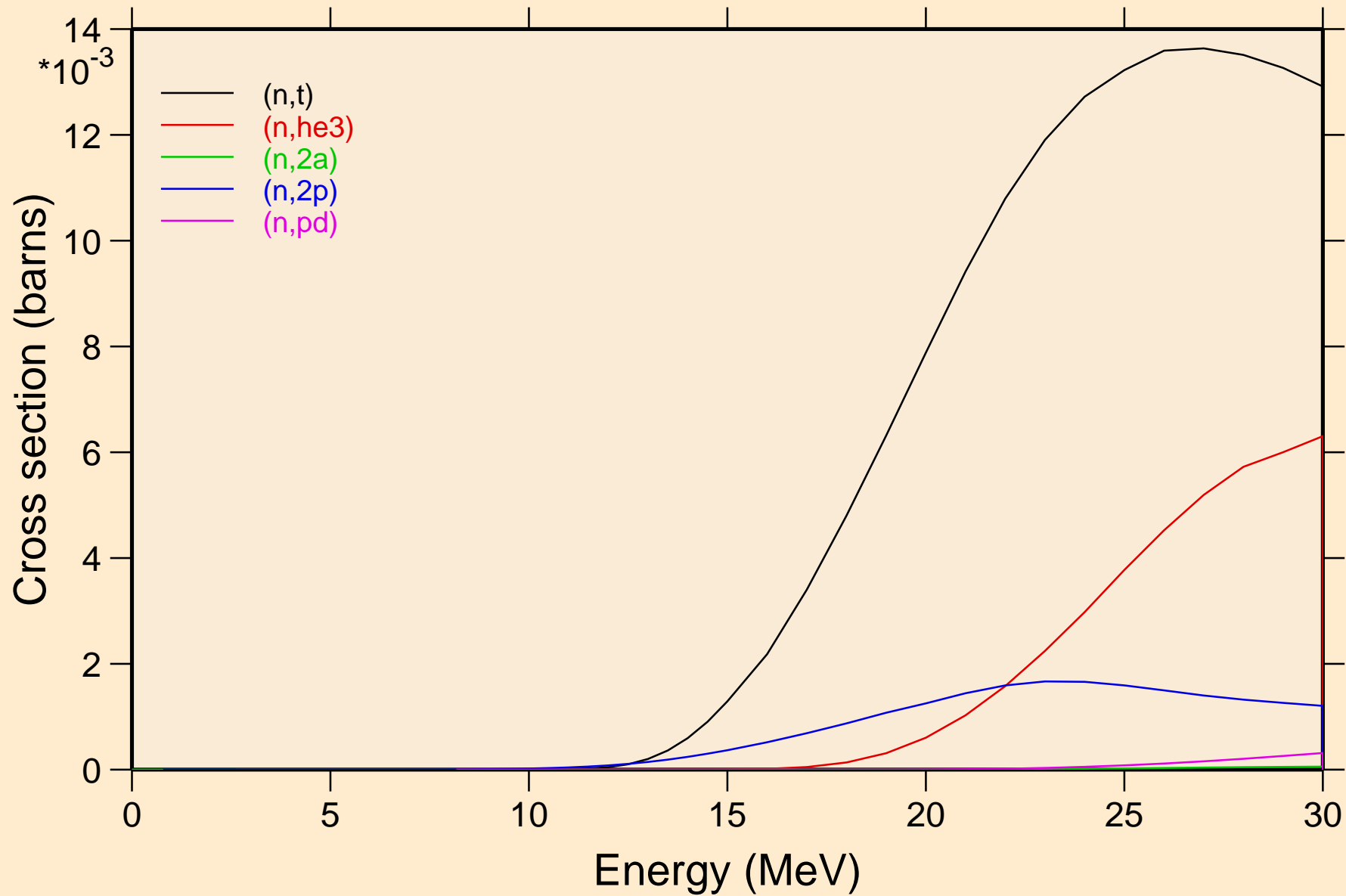
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

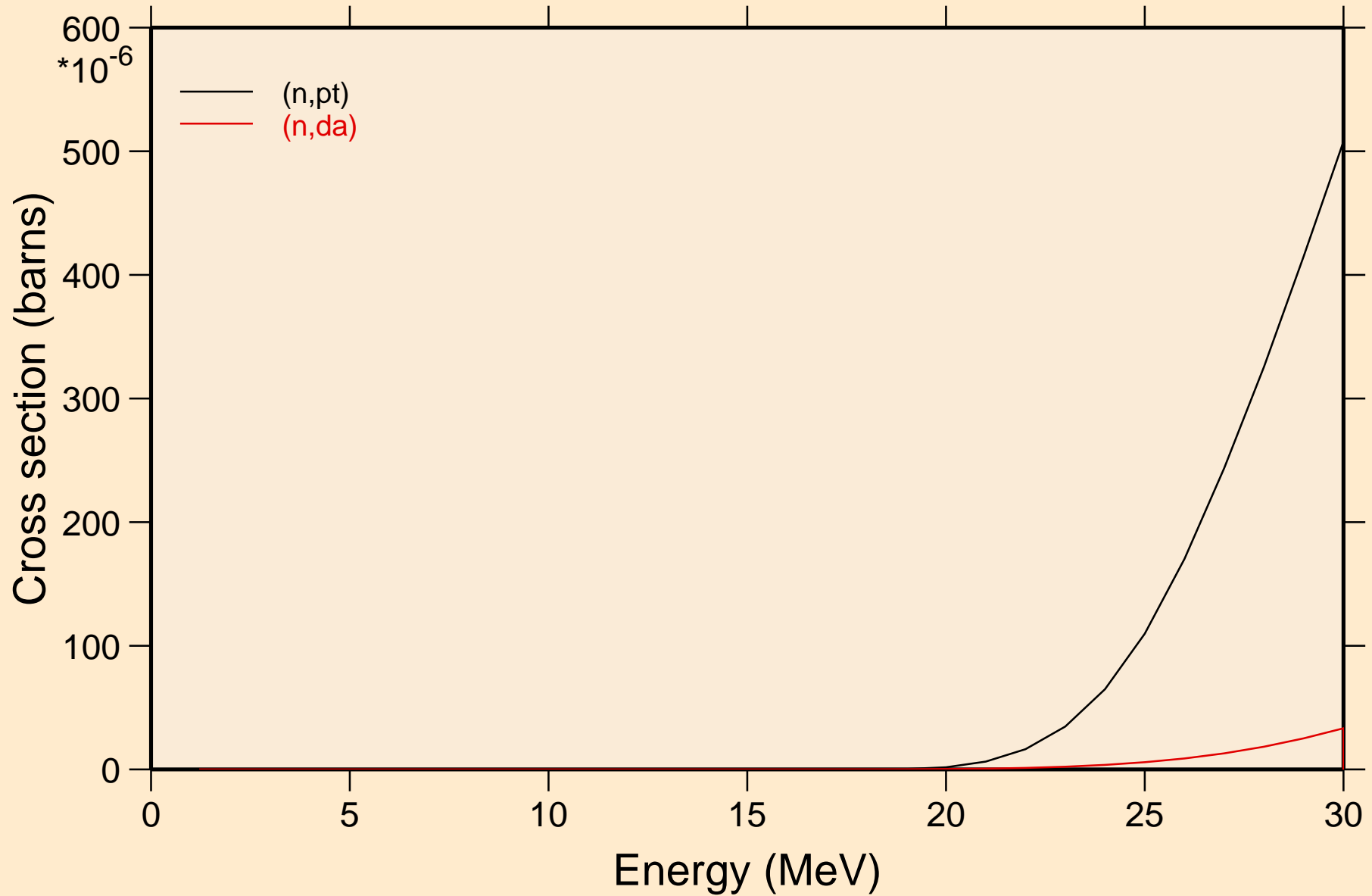


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



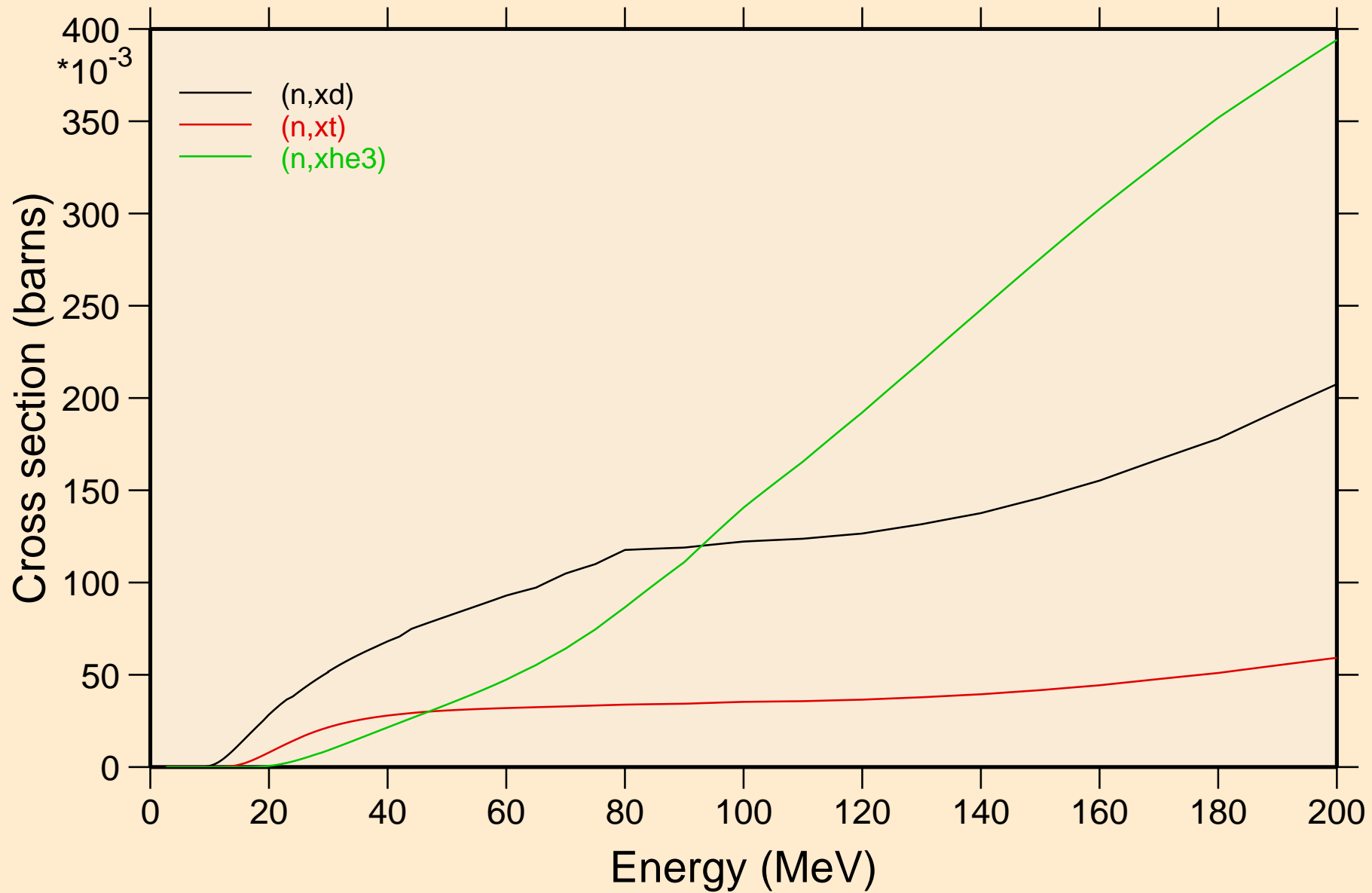
# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

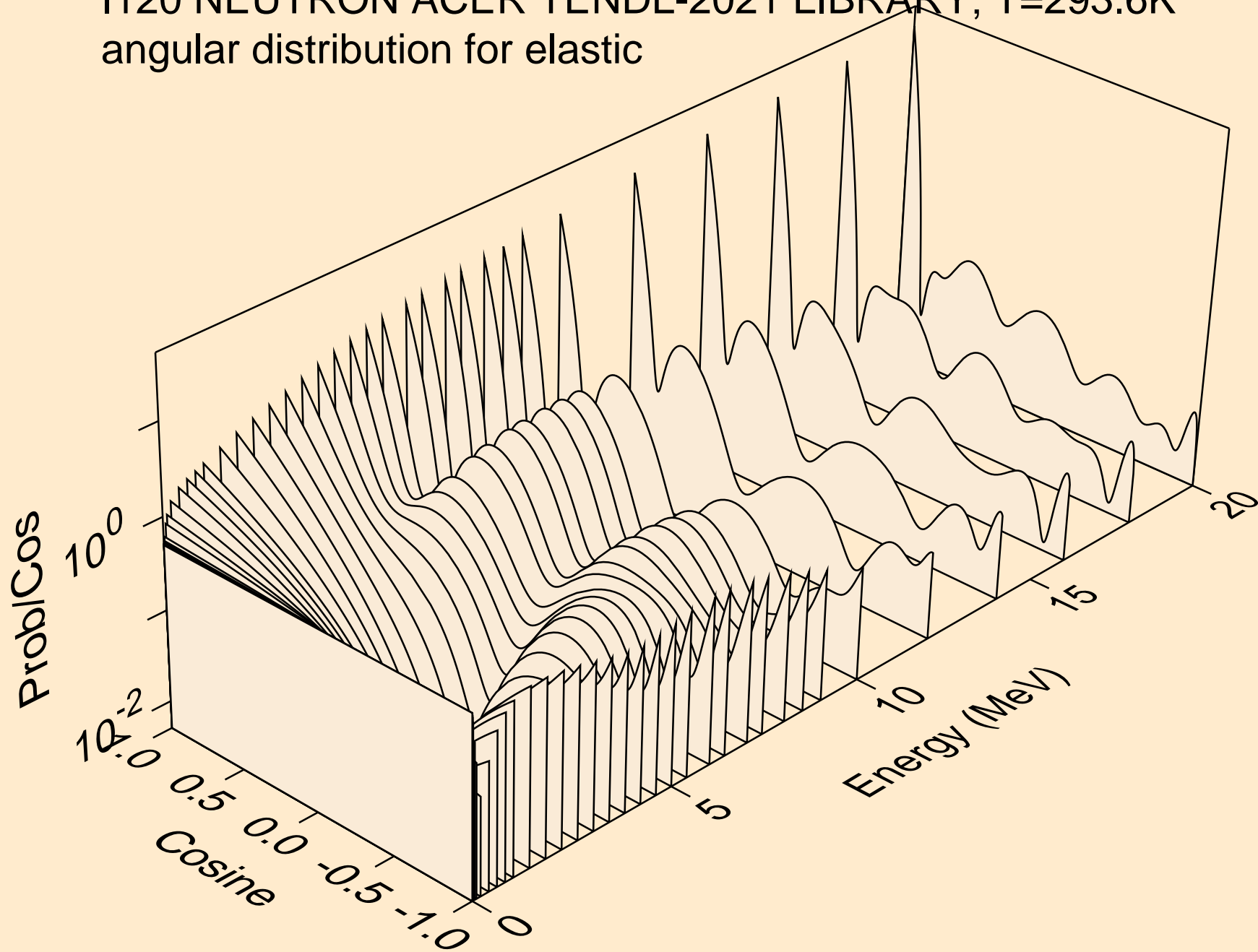


# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

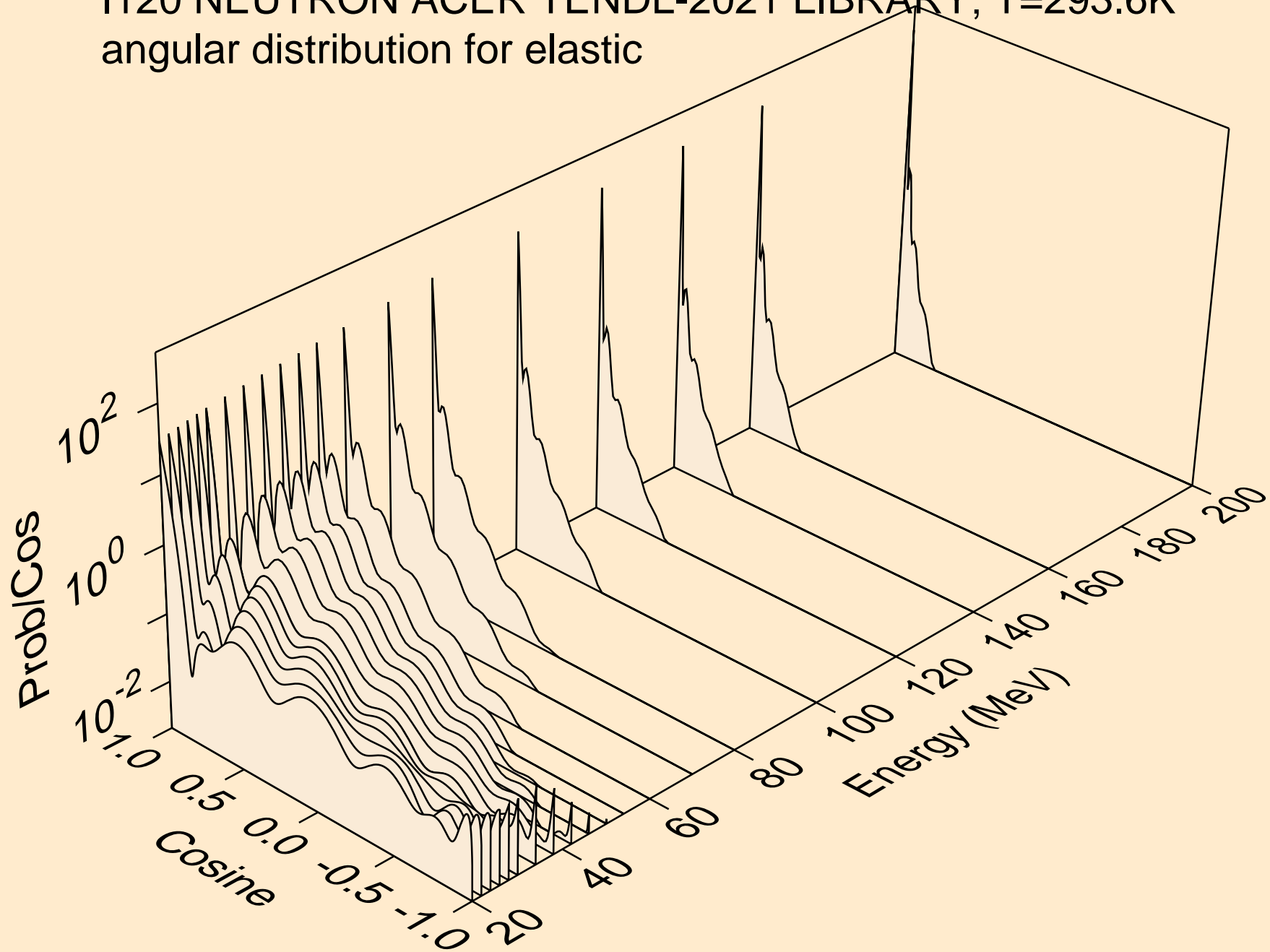


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

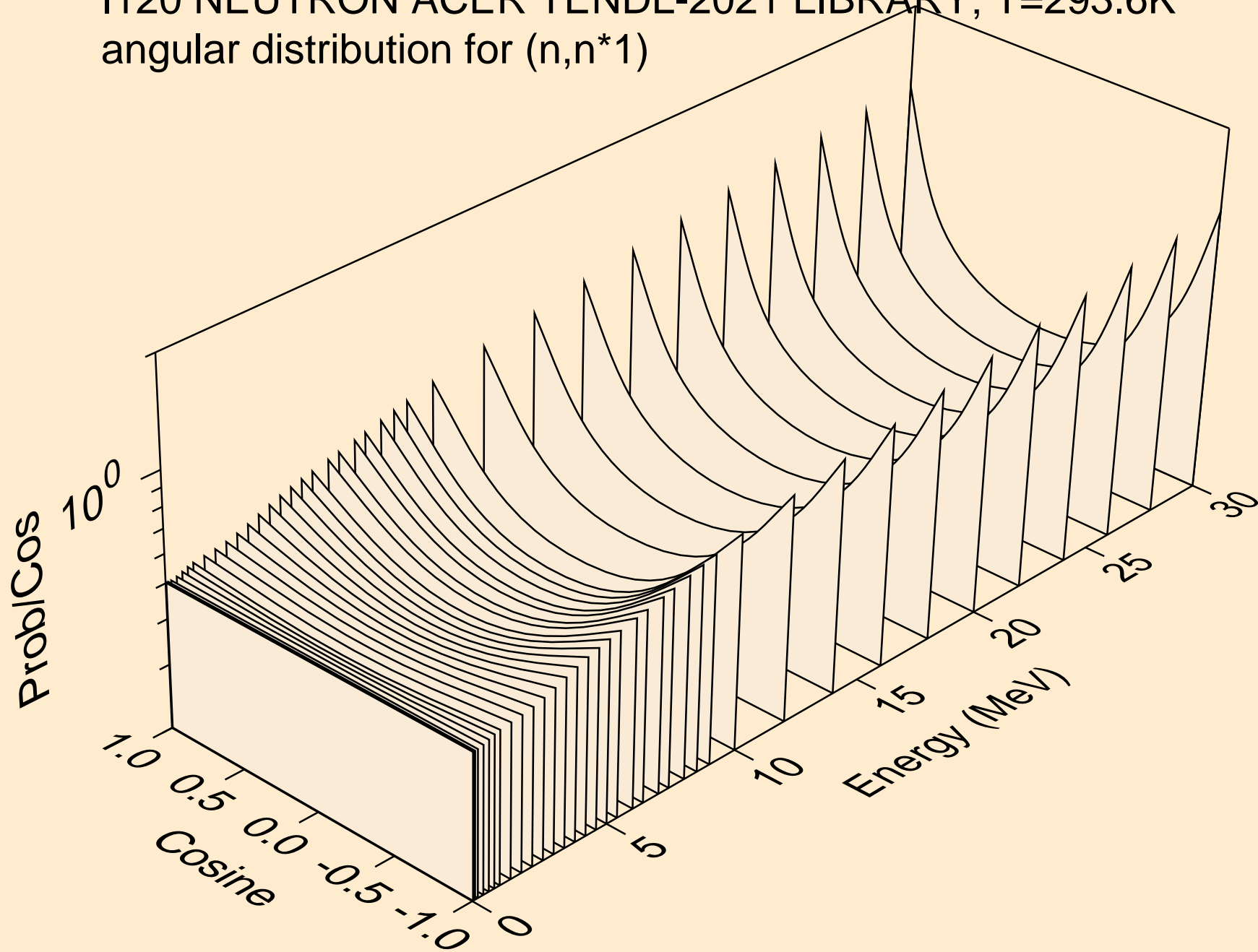




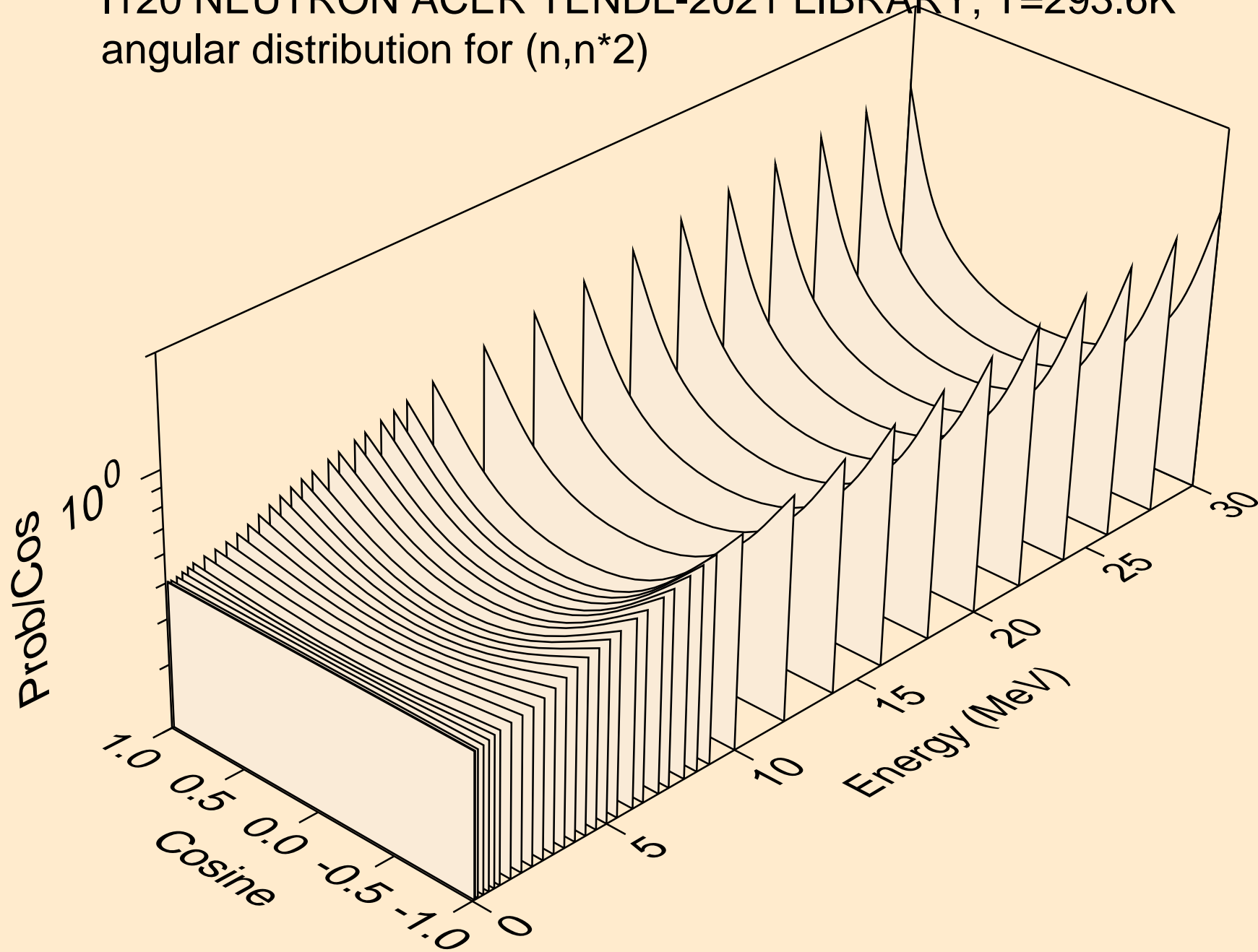
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



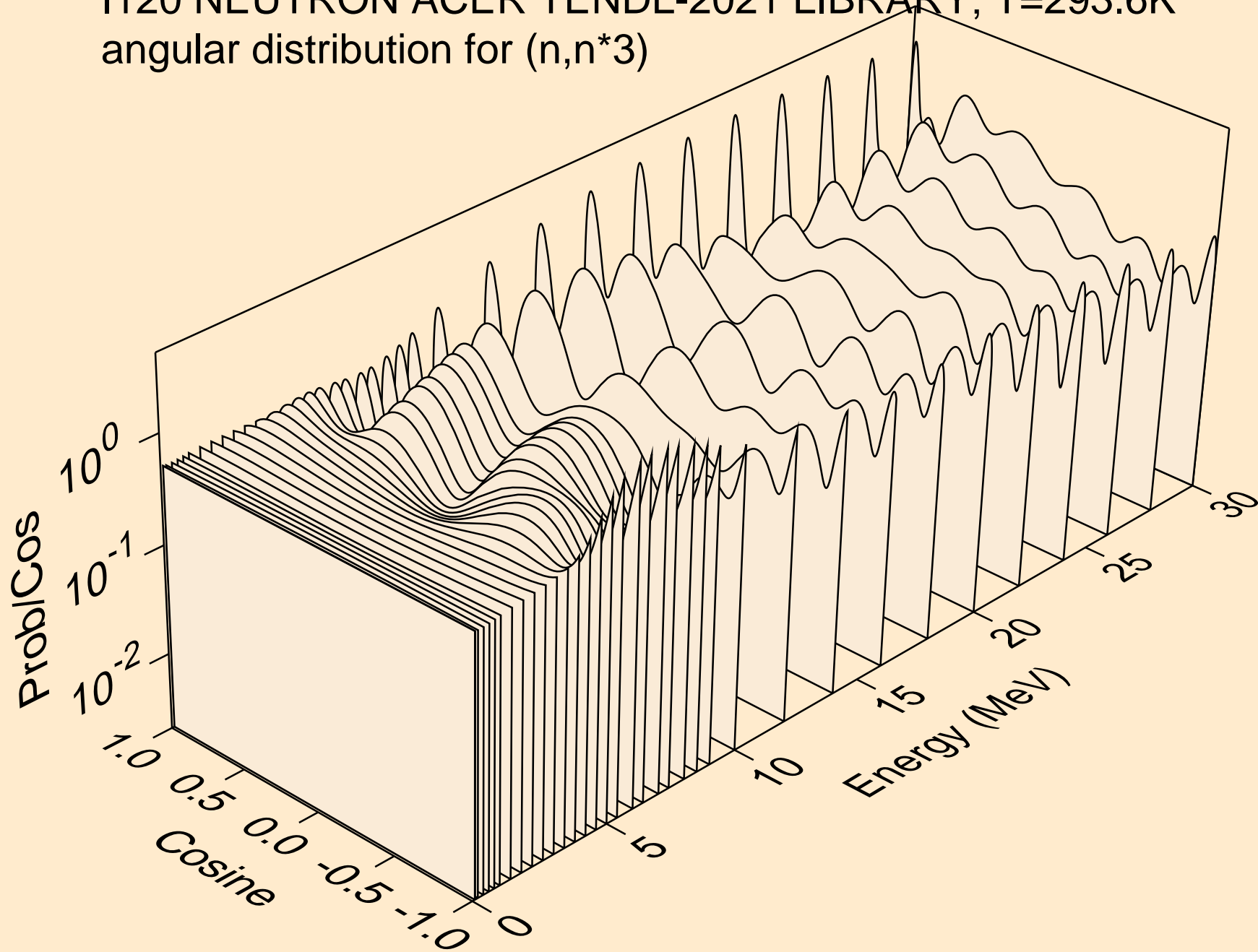
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



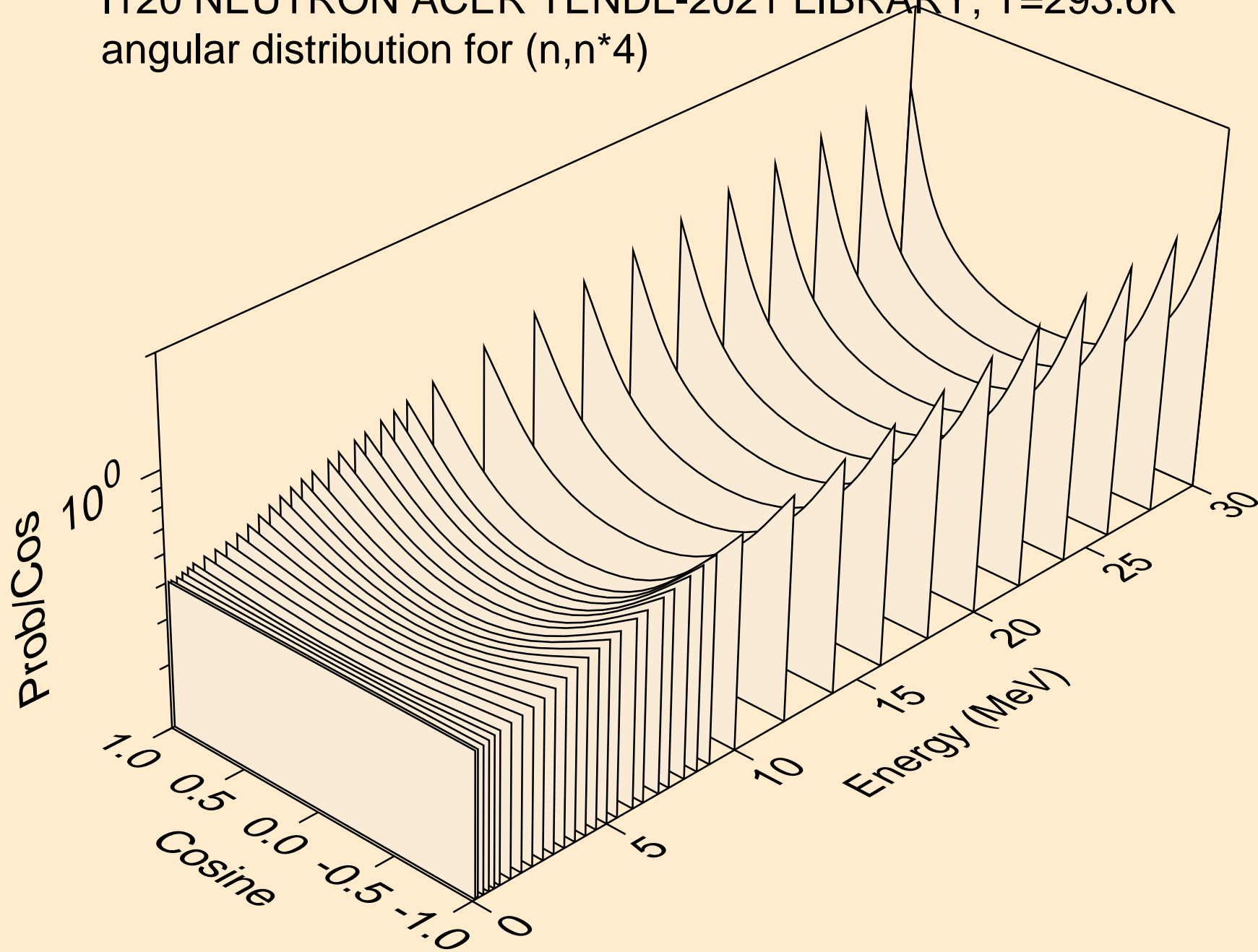
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



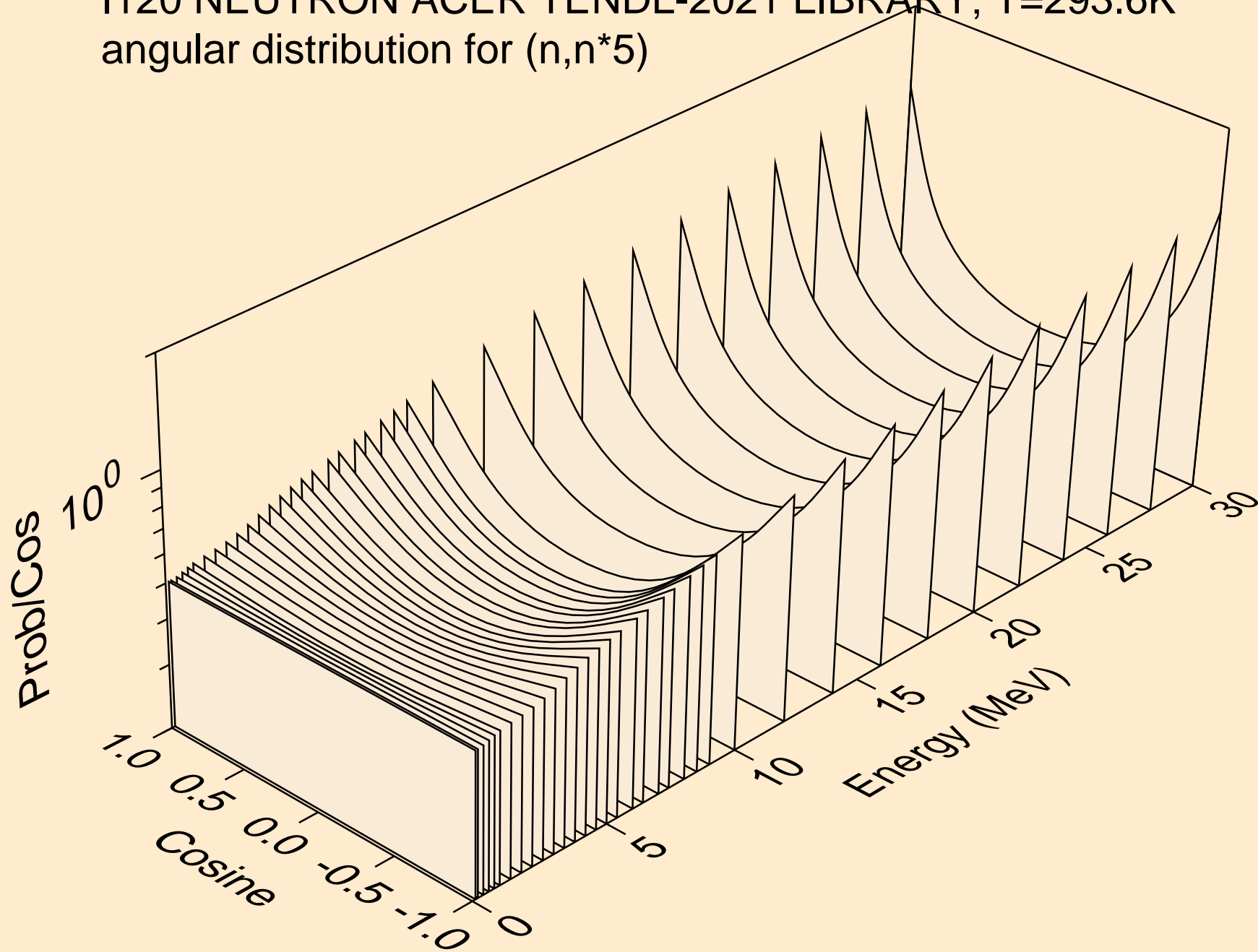
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



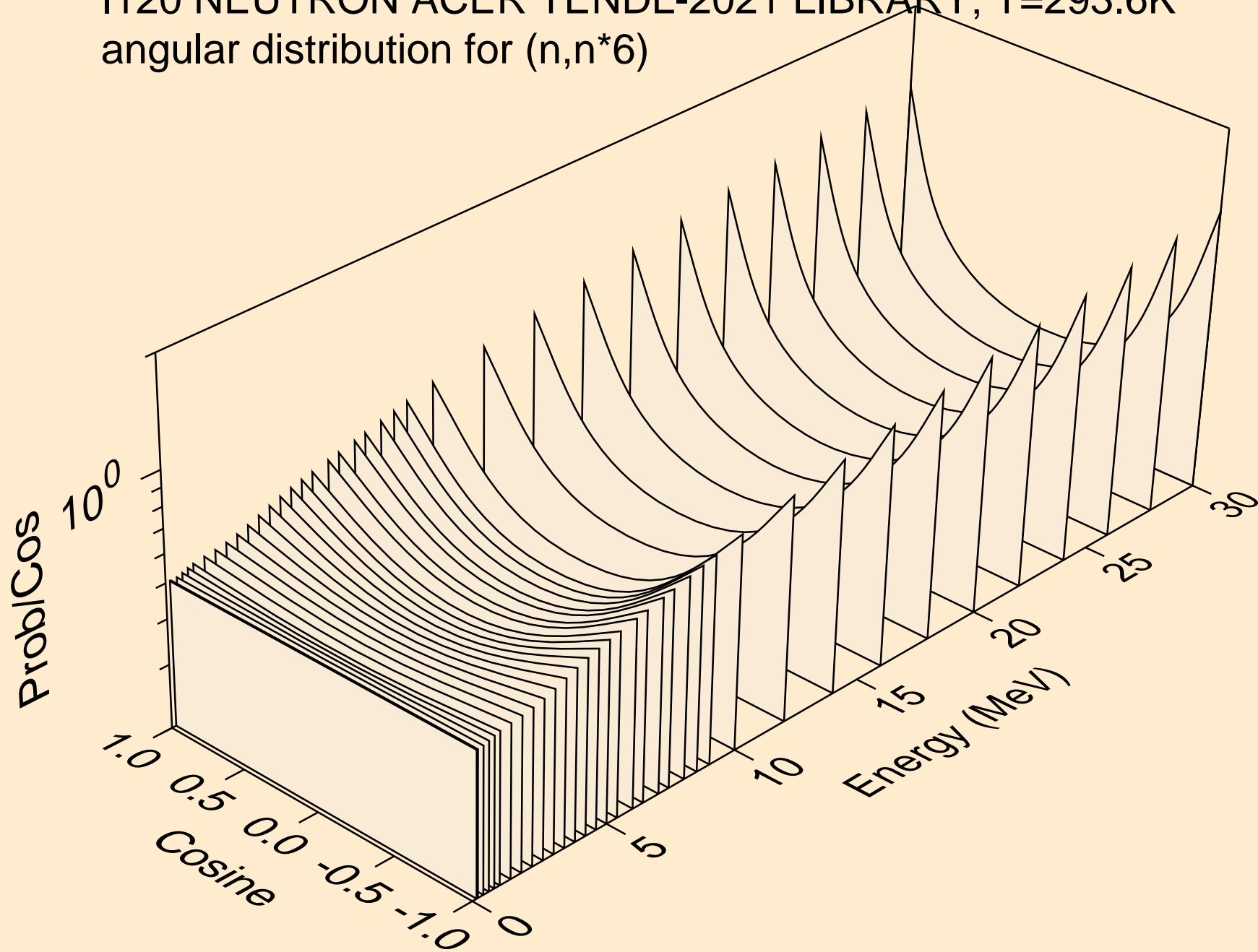
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



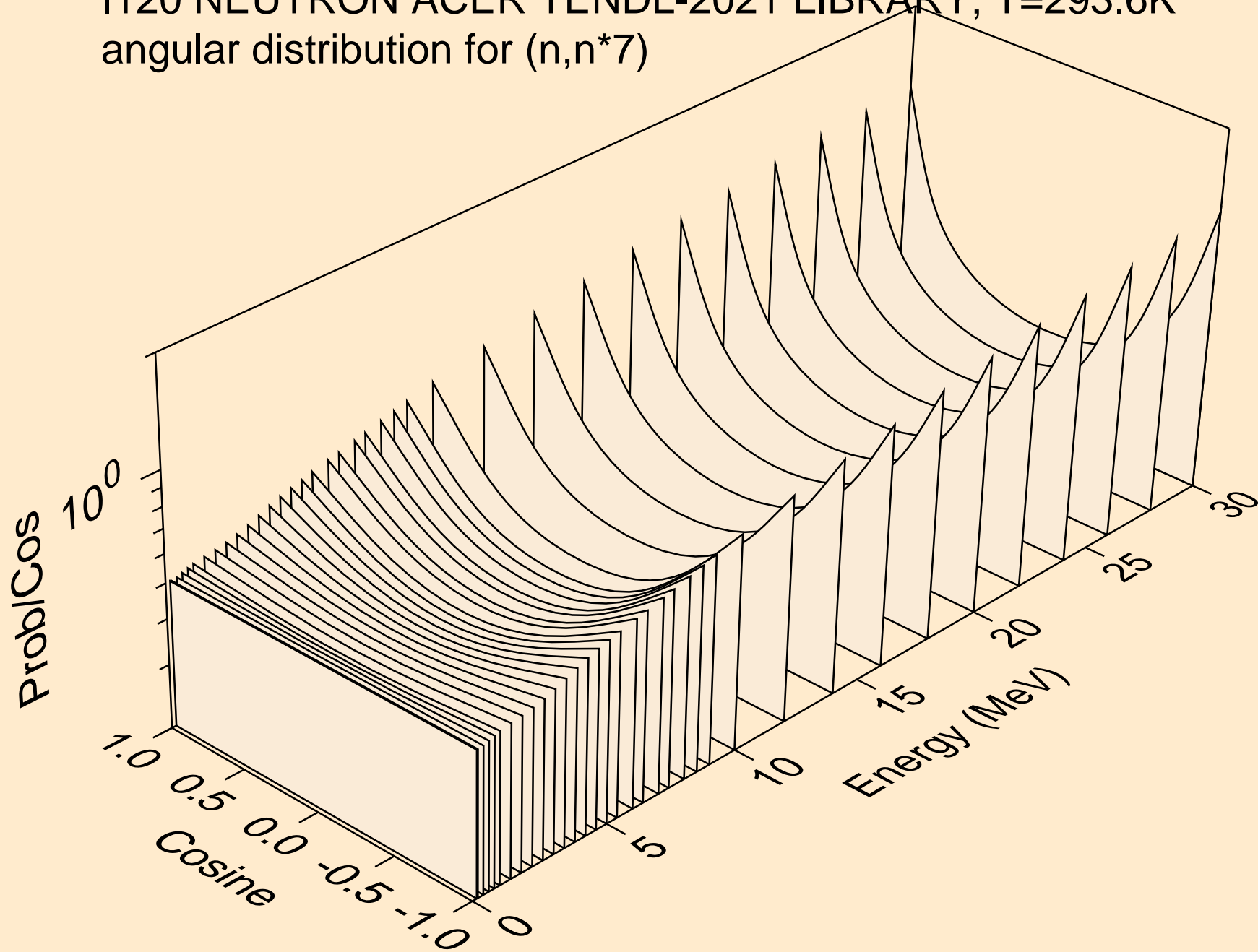
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

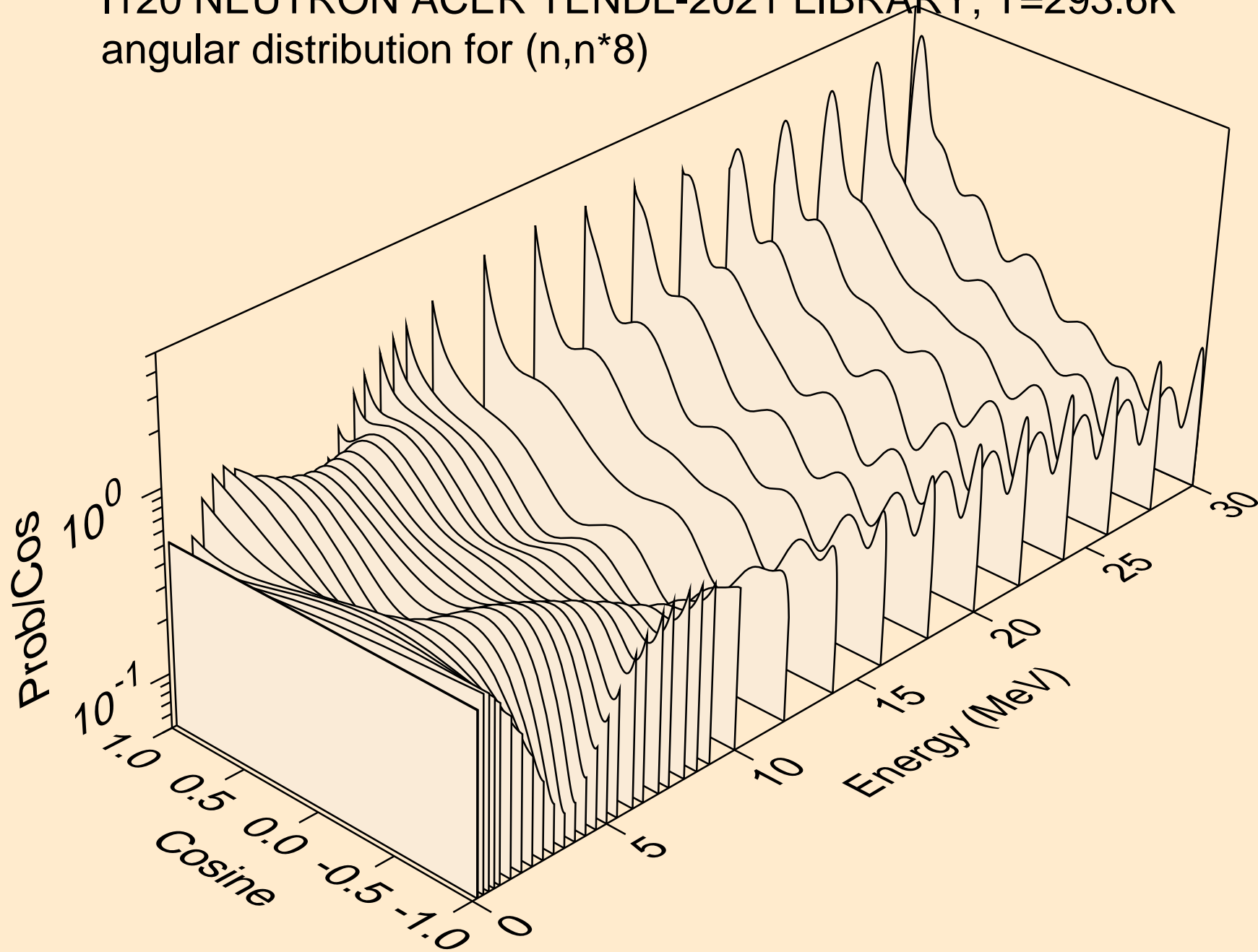


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

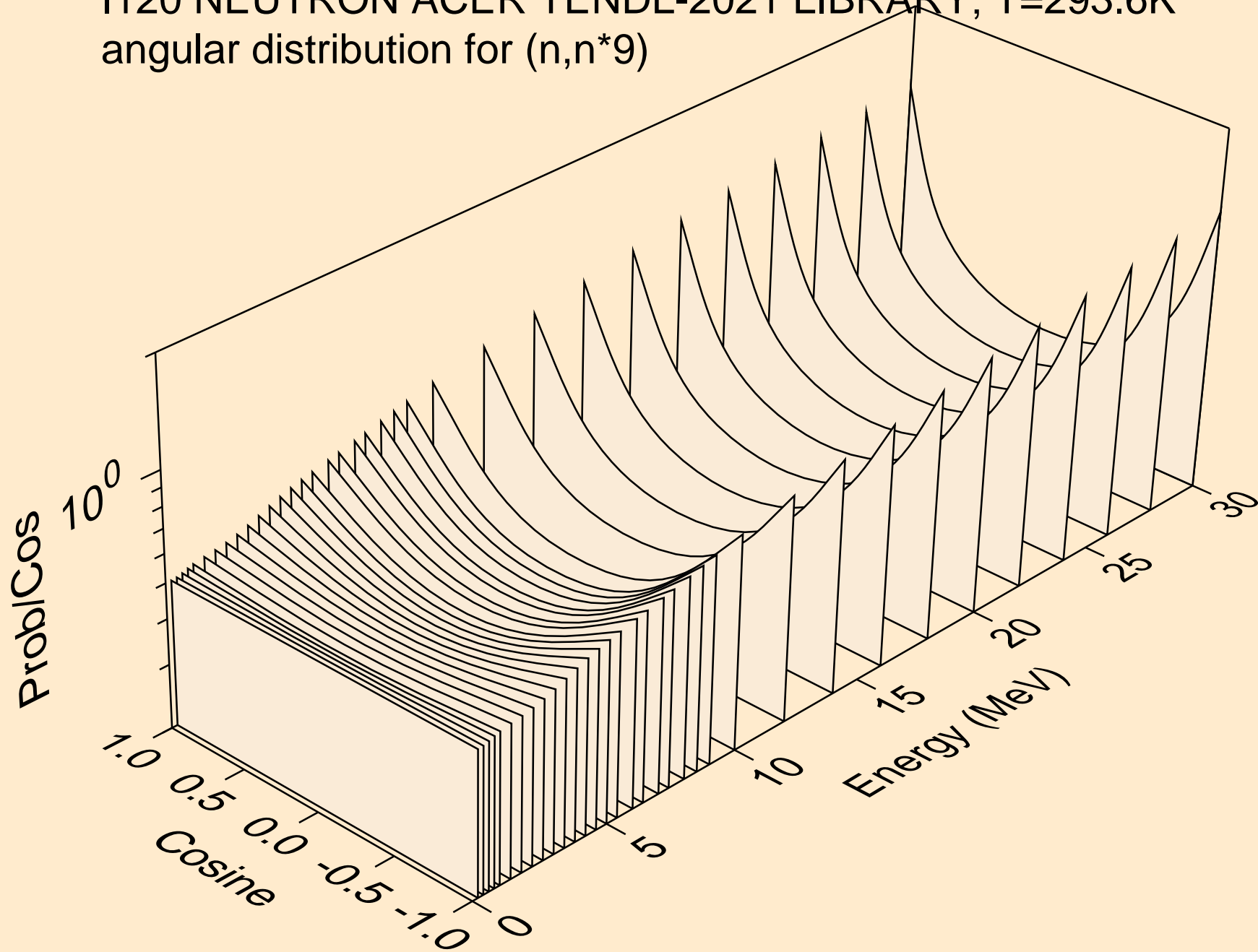




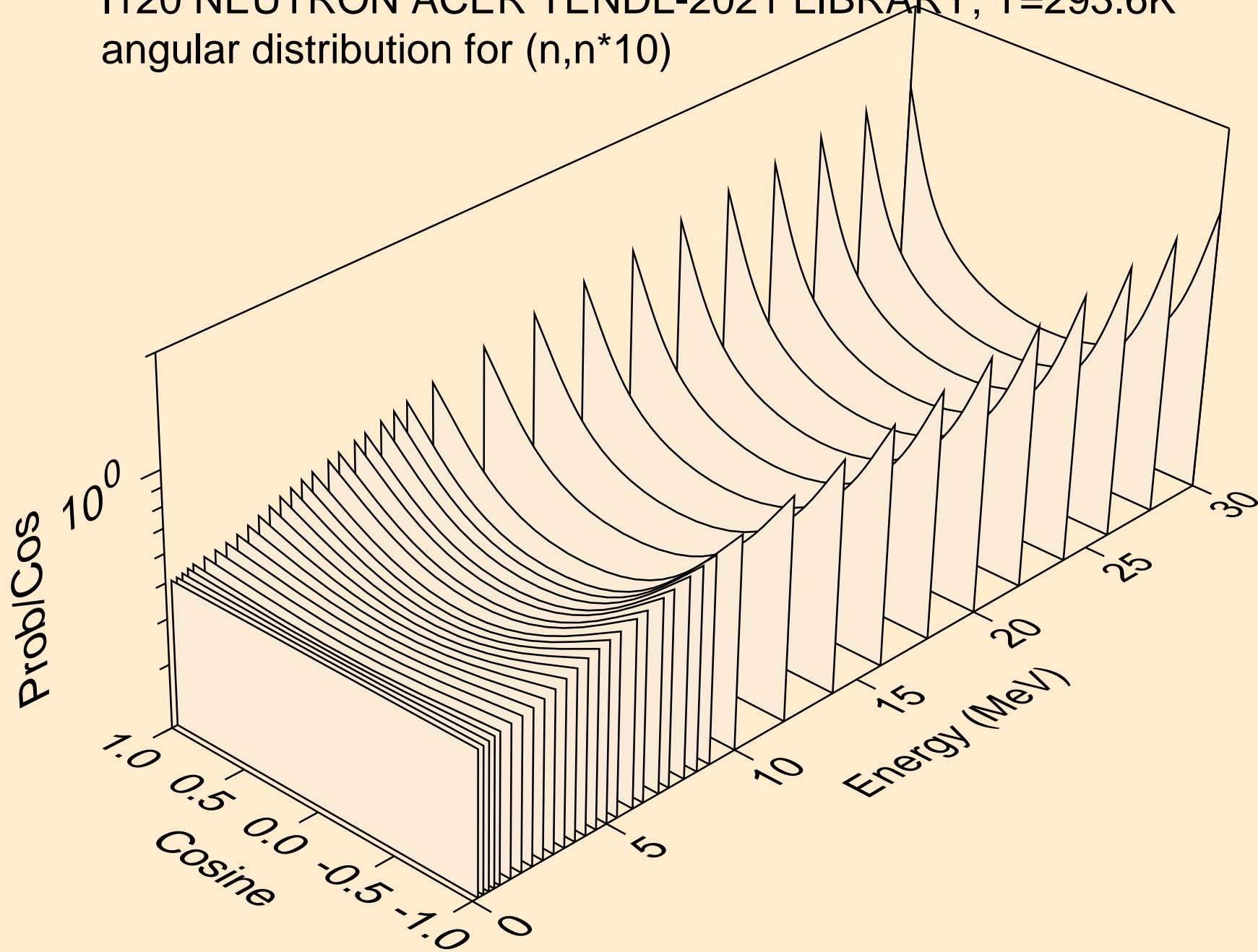
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angular distribution for (n,n\*8)



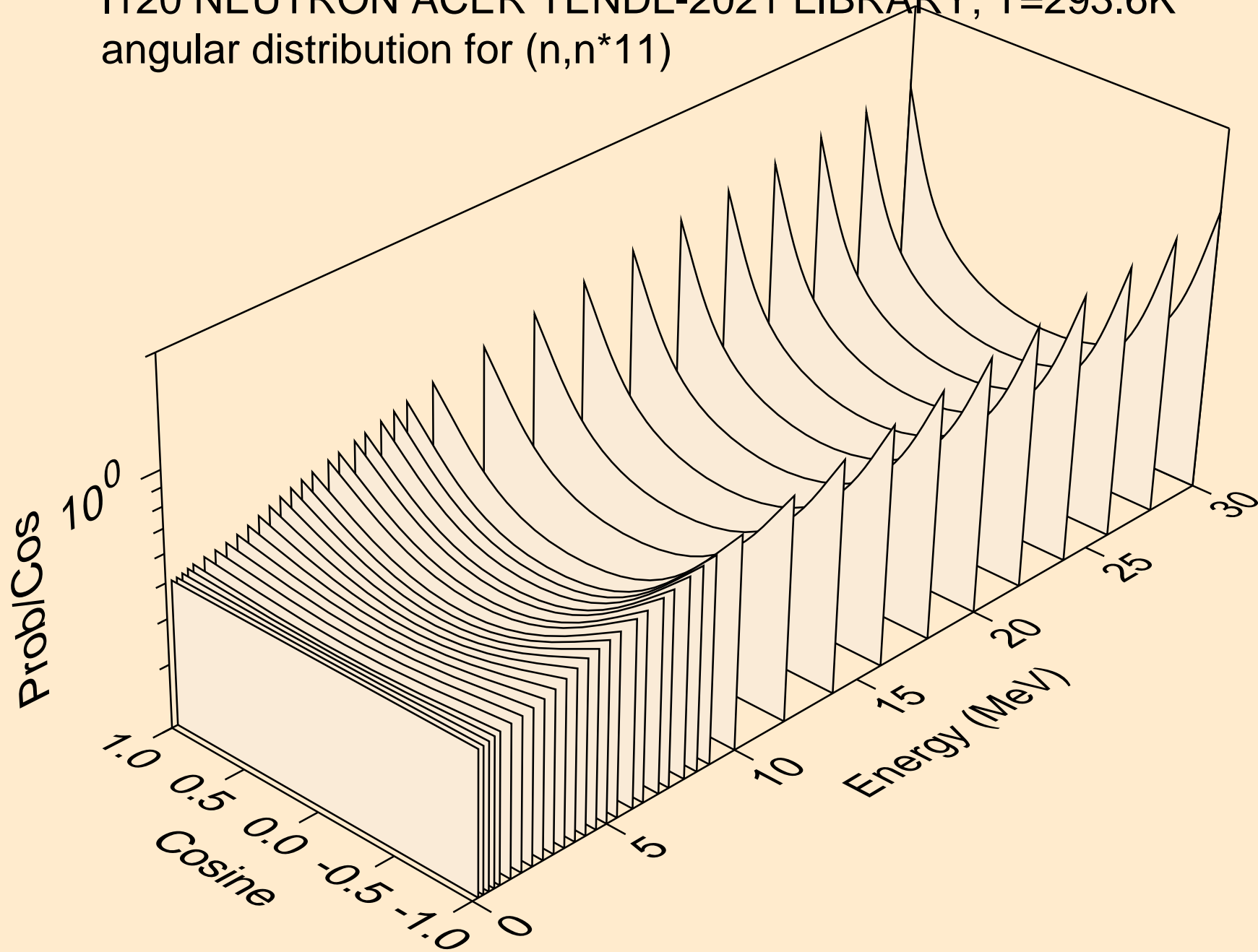
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angular distribution for (n,n\*9)



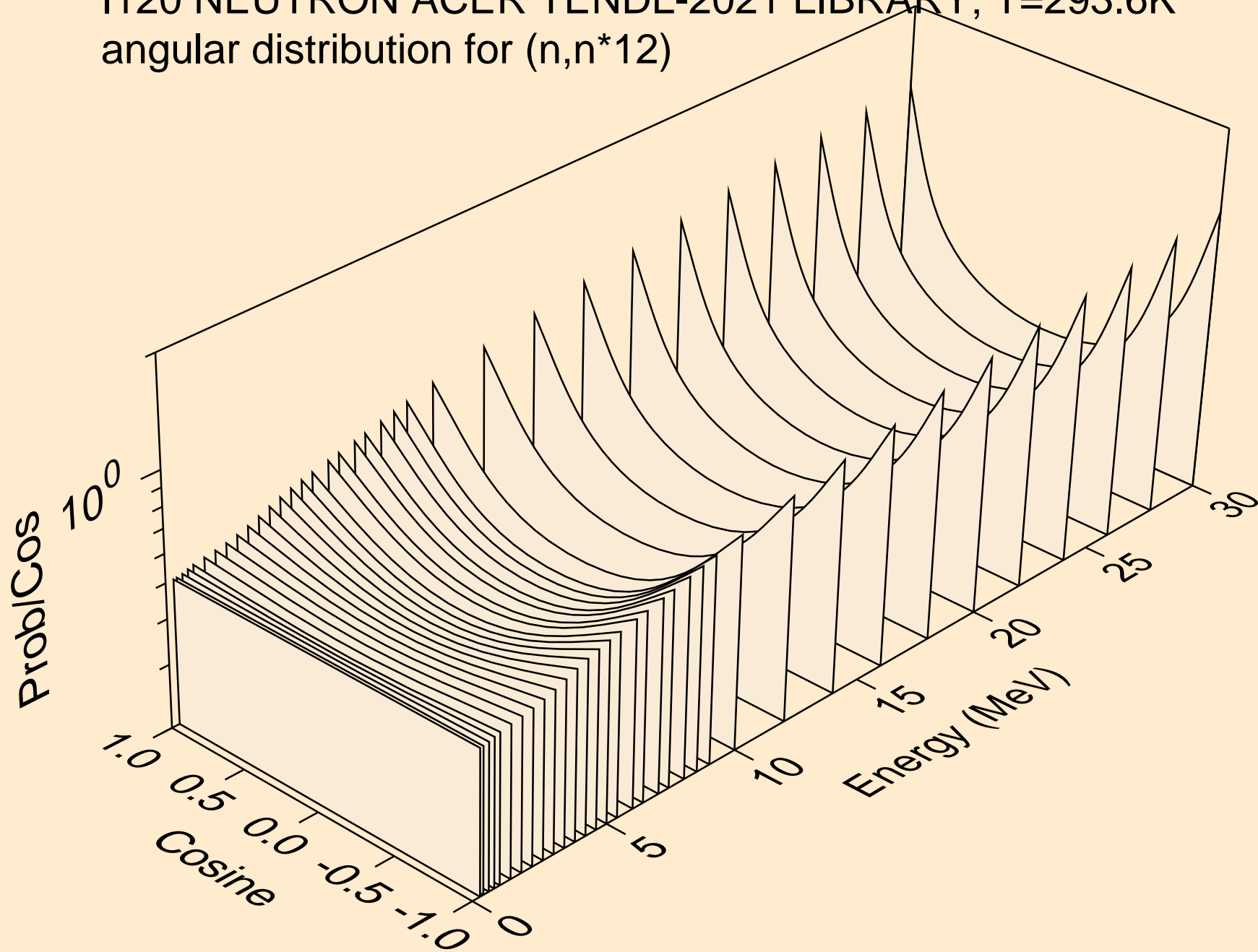
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angular distribution for (n,n\*10)



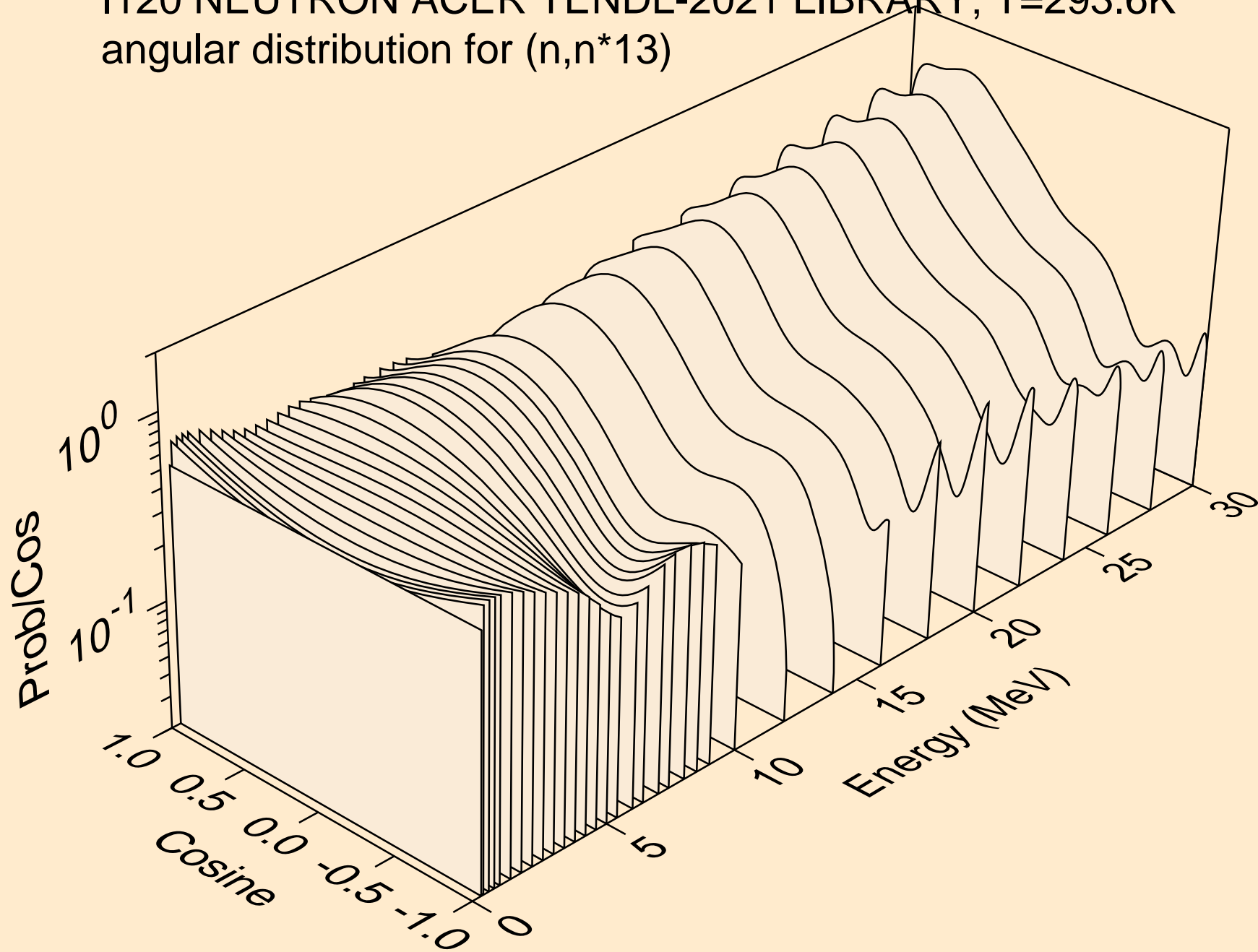
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angular distribution for (n,n\*11)



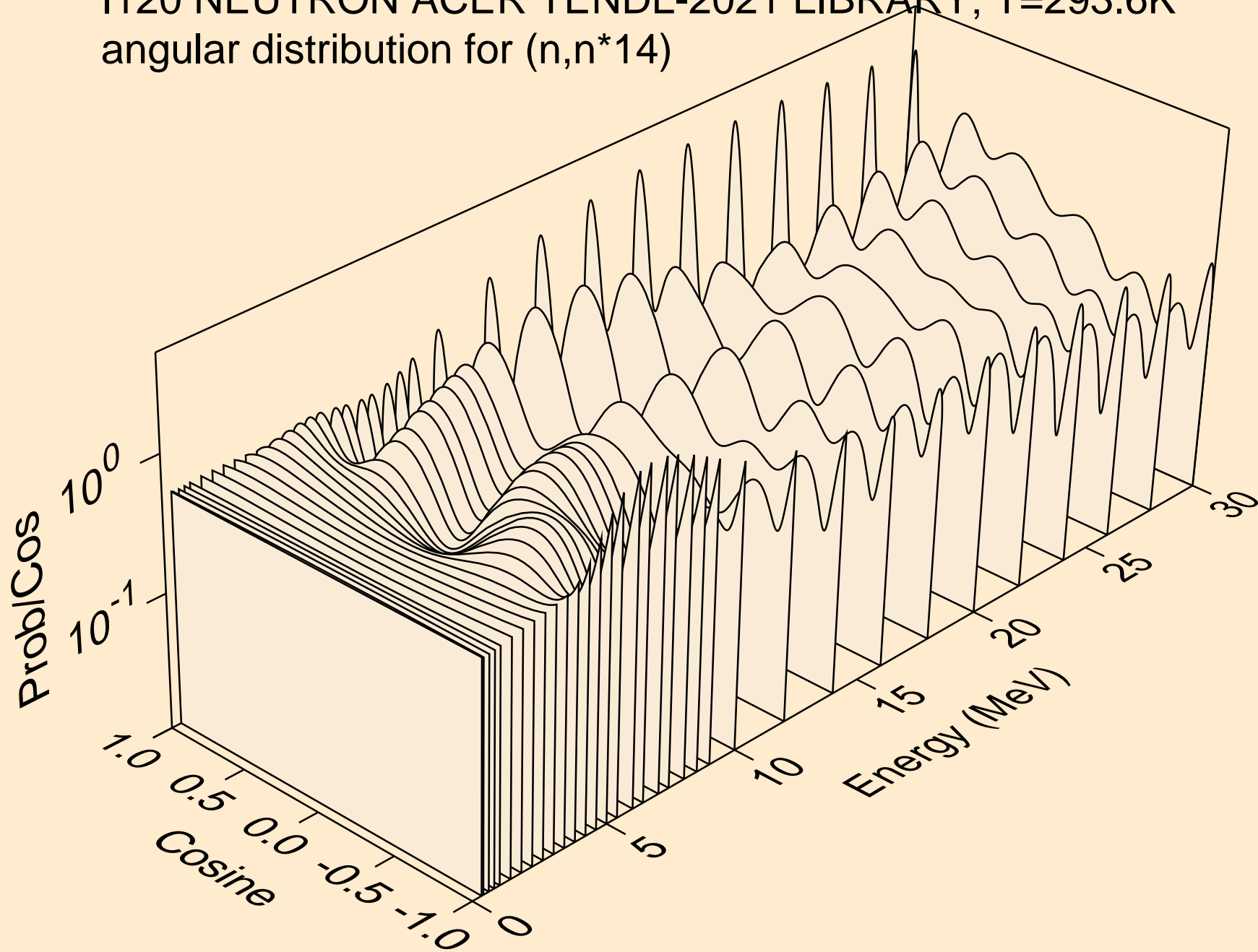
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)

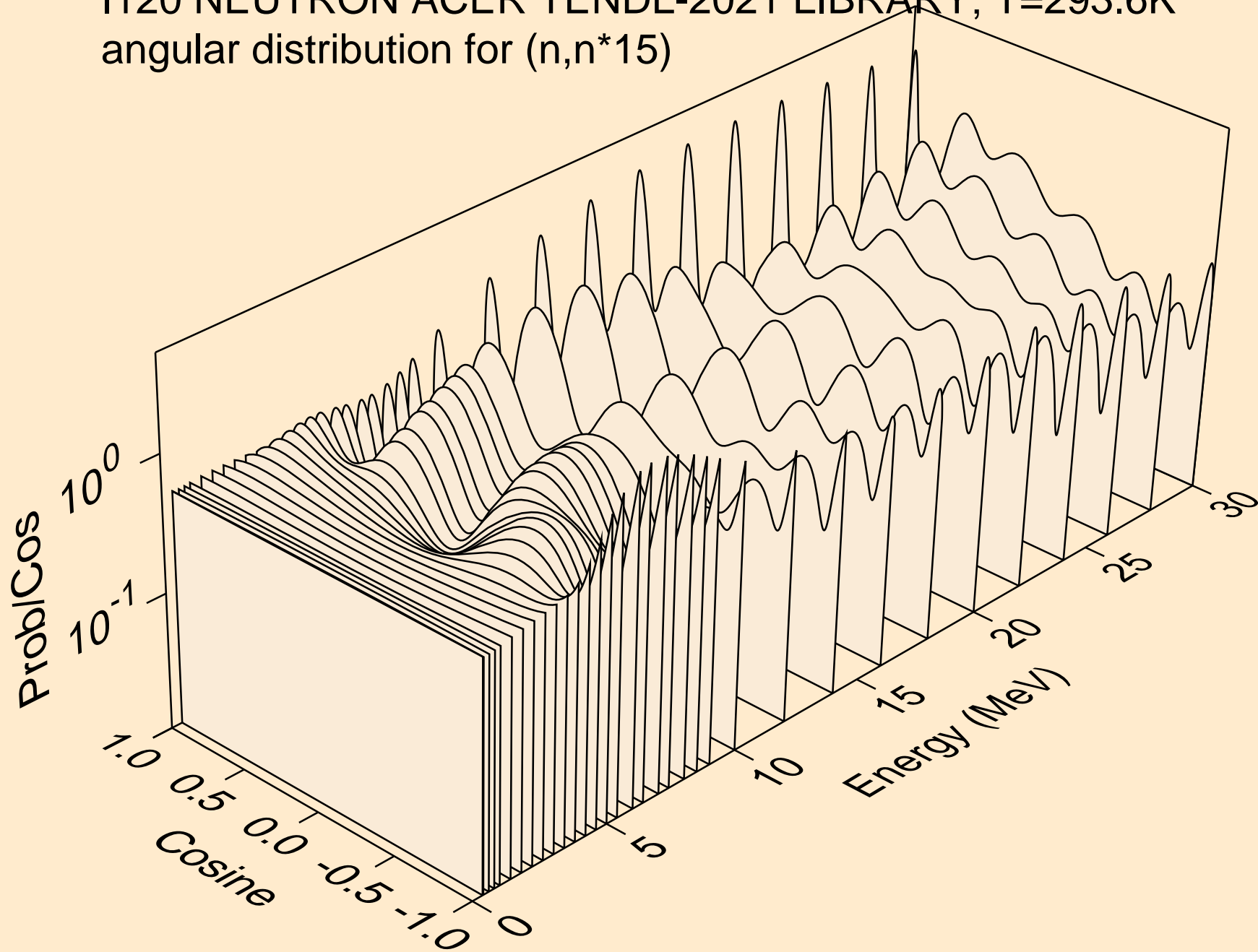


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



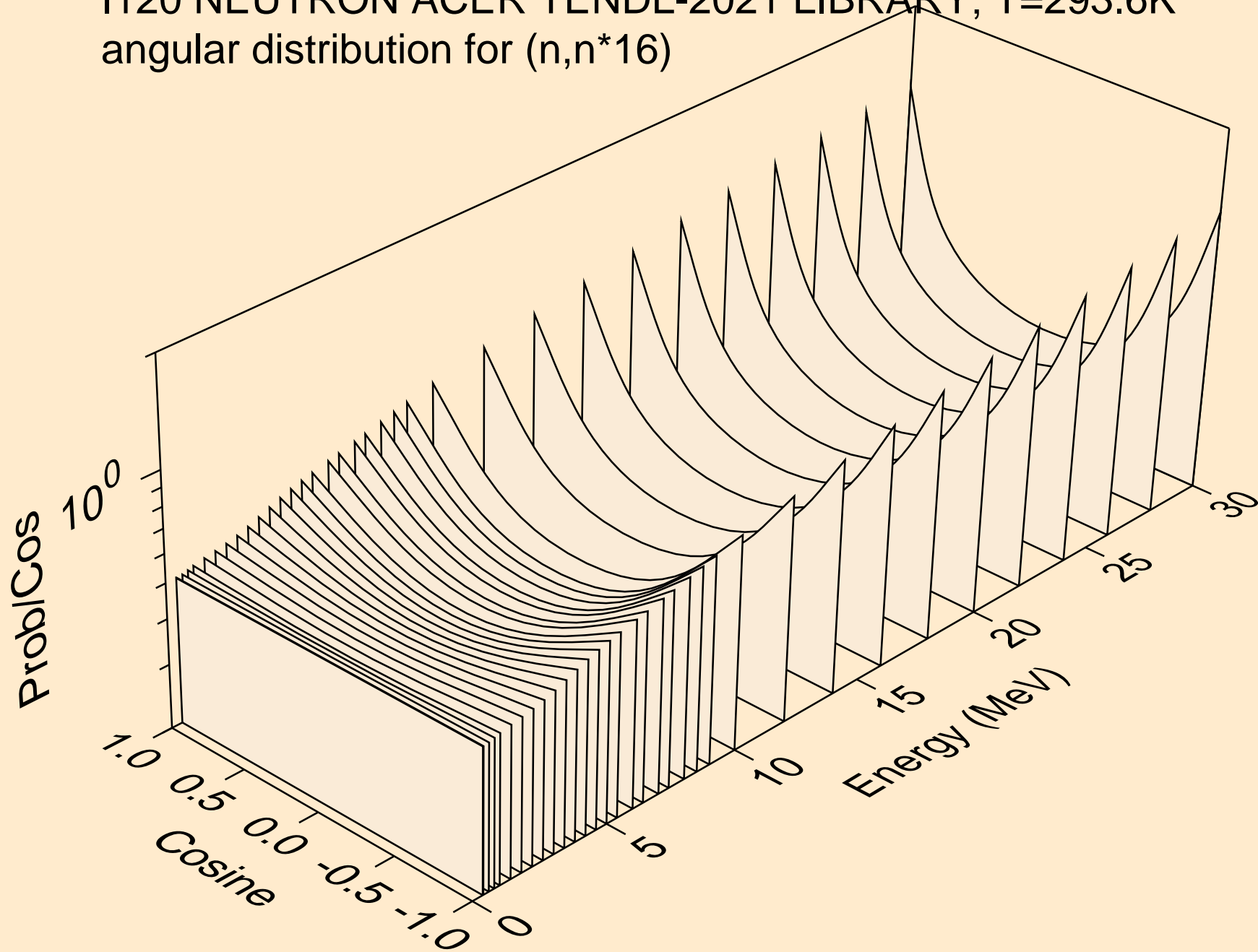


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

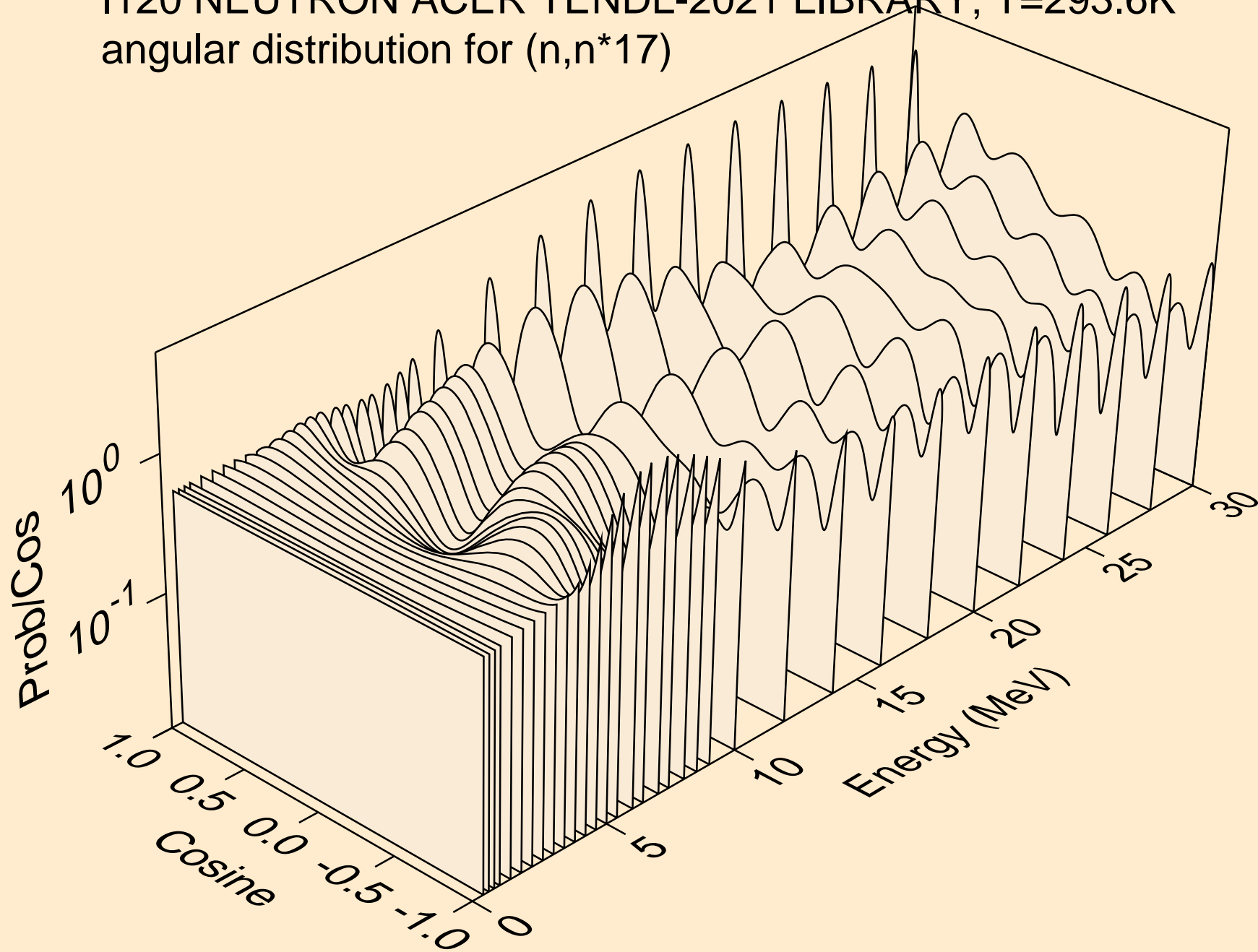




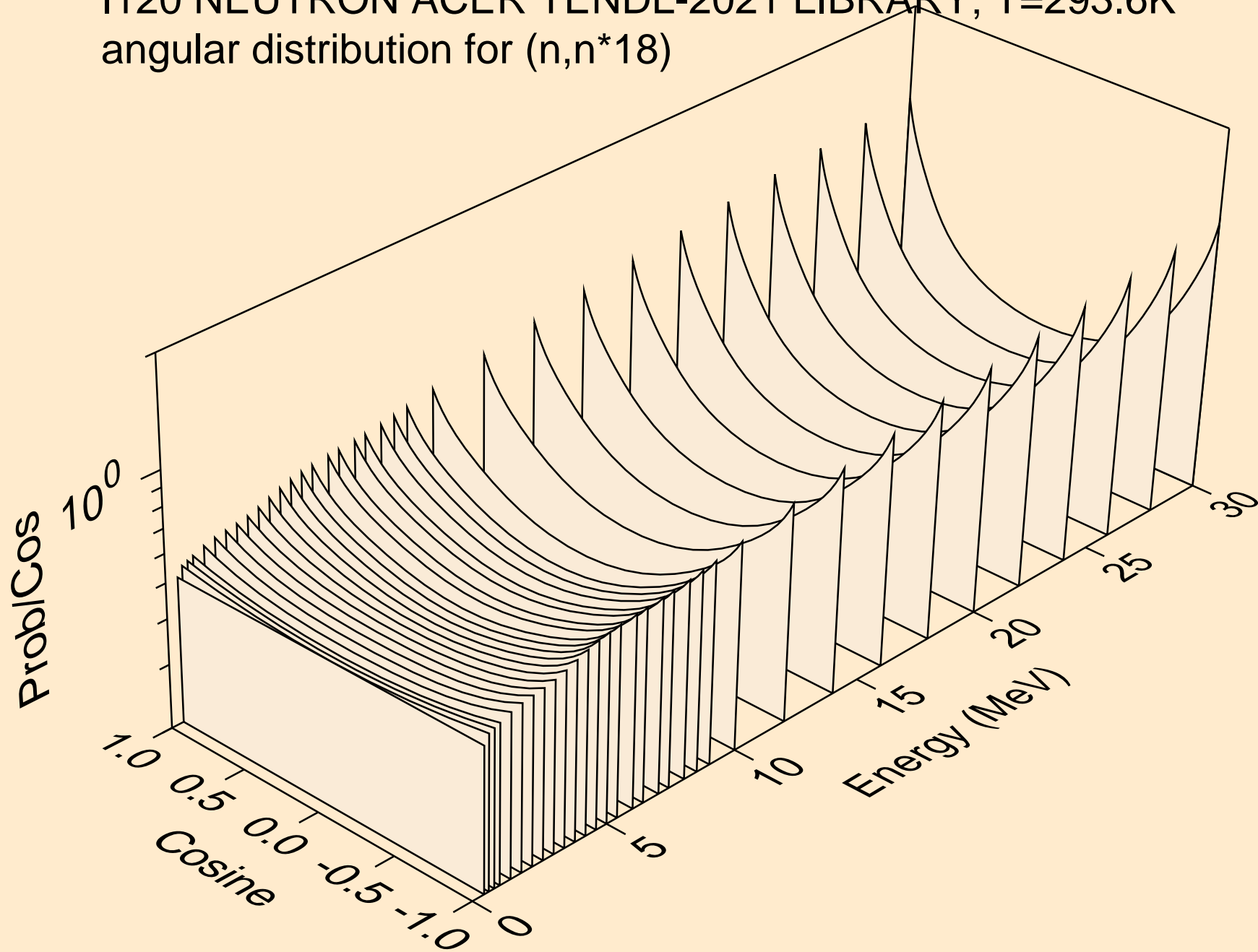
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



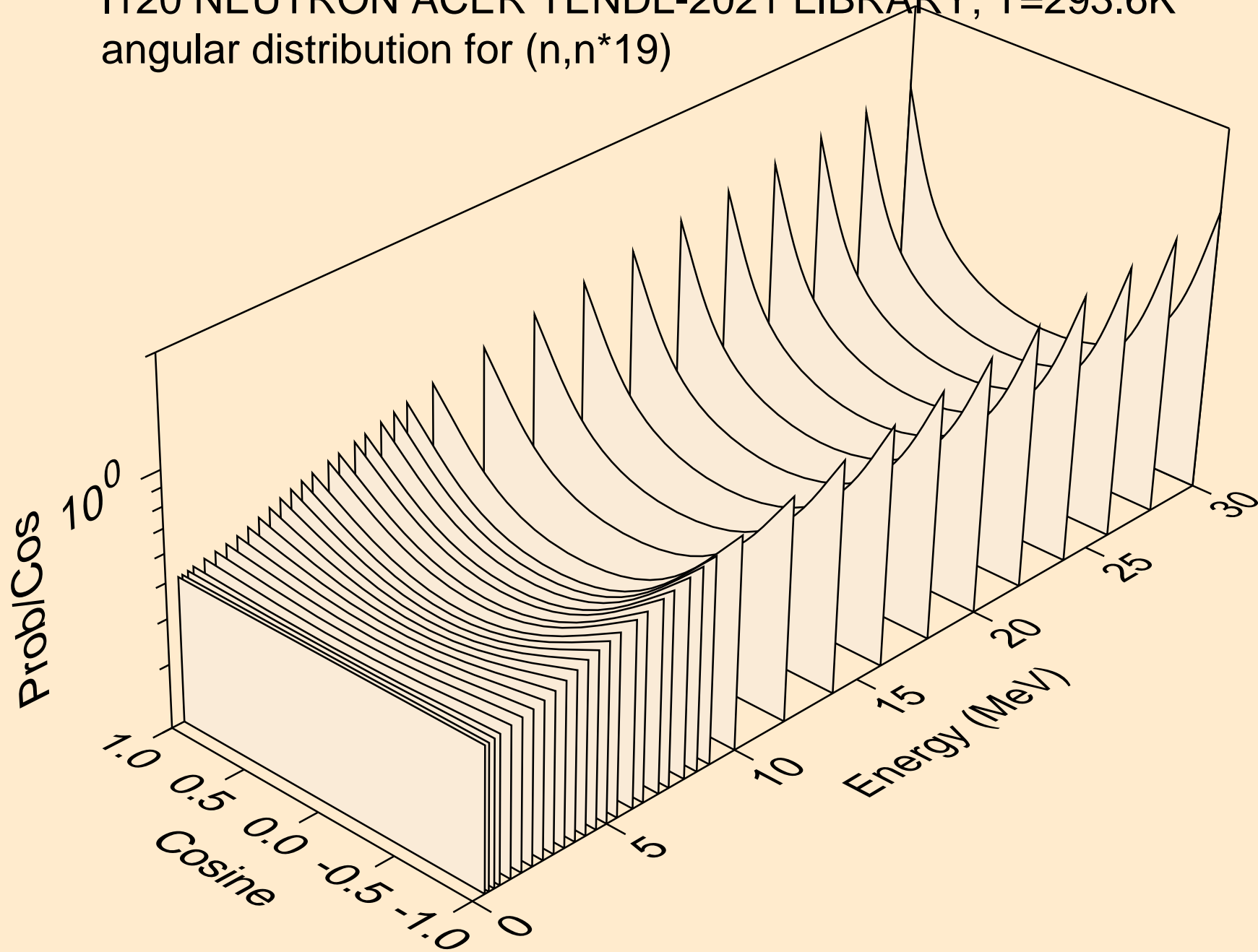
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angular distribution for (n,n\*17)



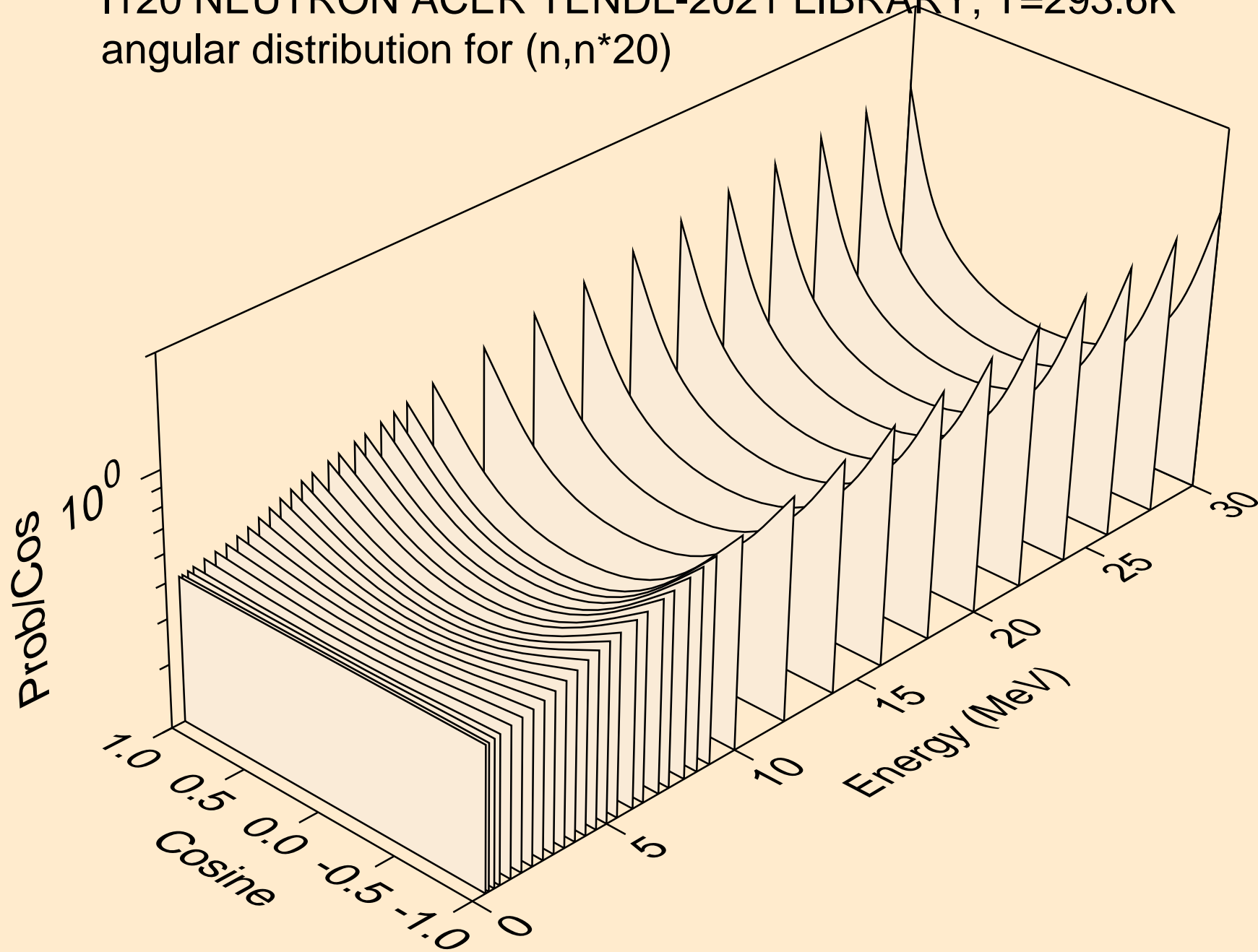
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angular distribution for (n,n\*18)



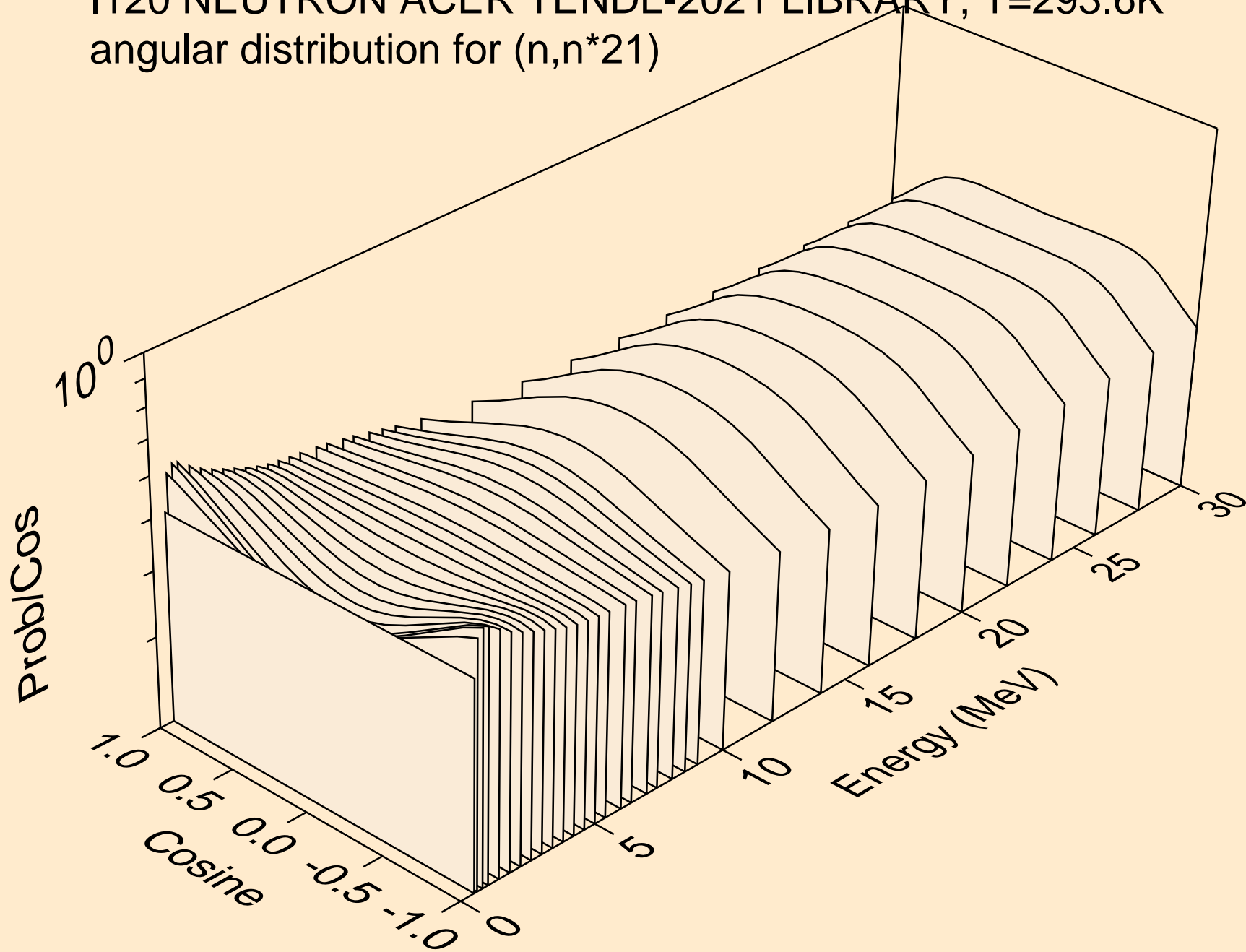
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angular distribution for (n,n\*19)



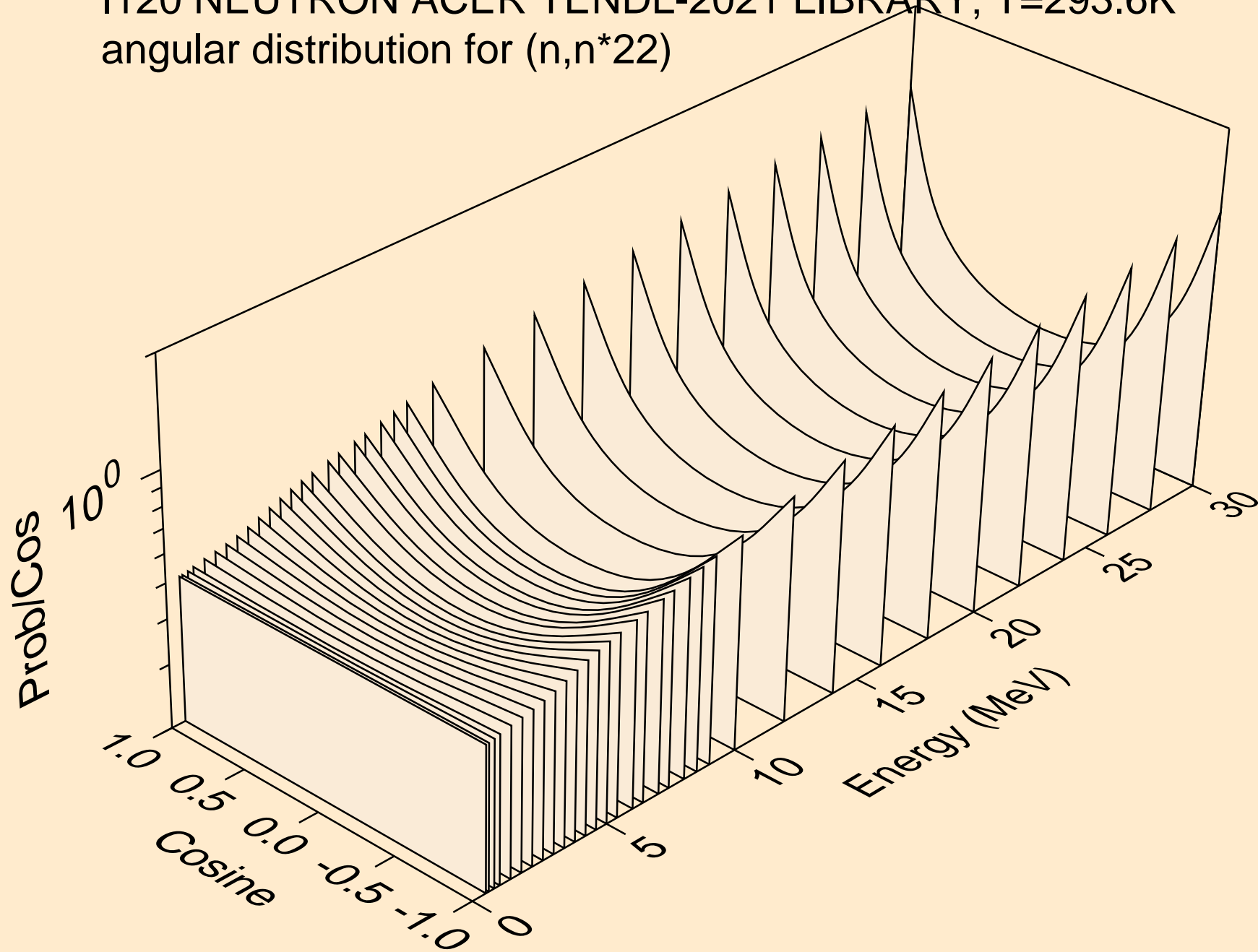
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



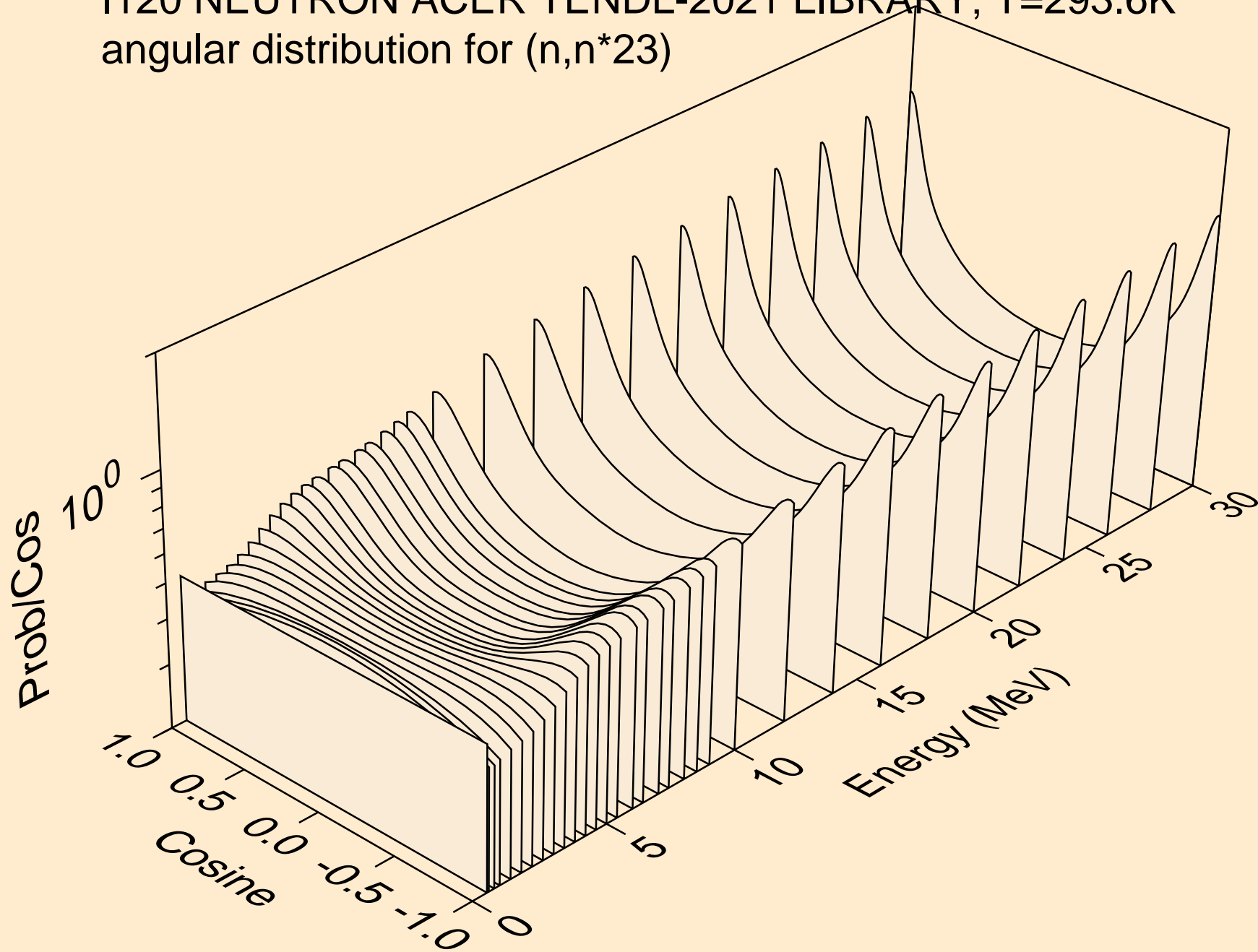
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

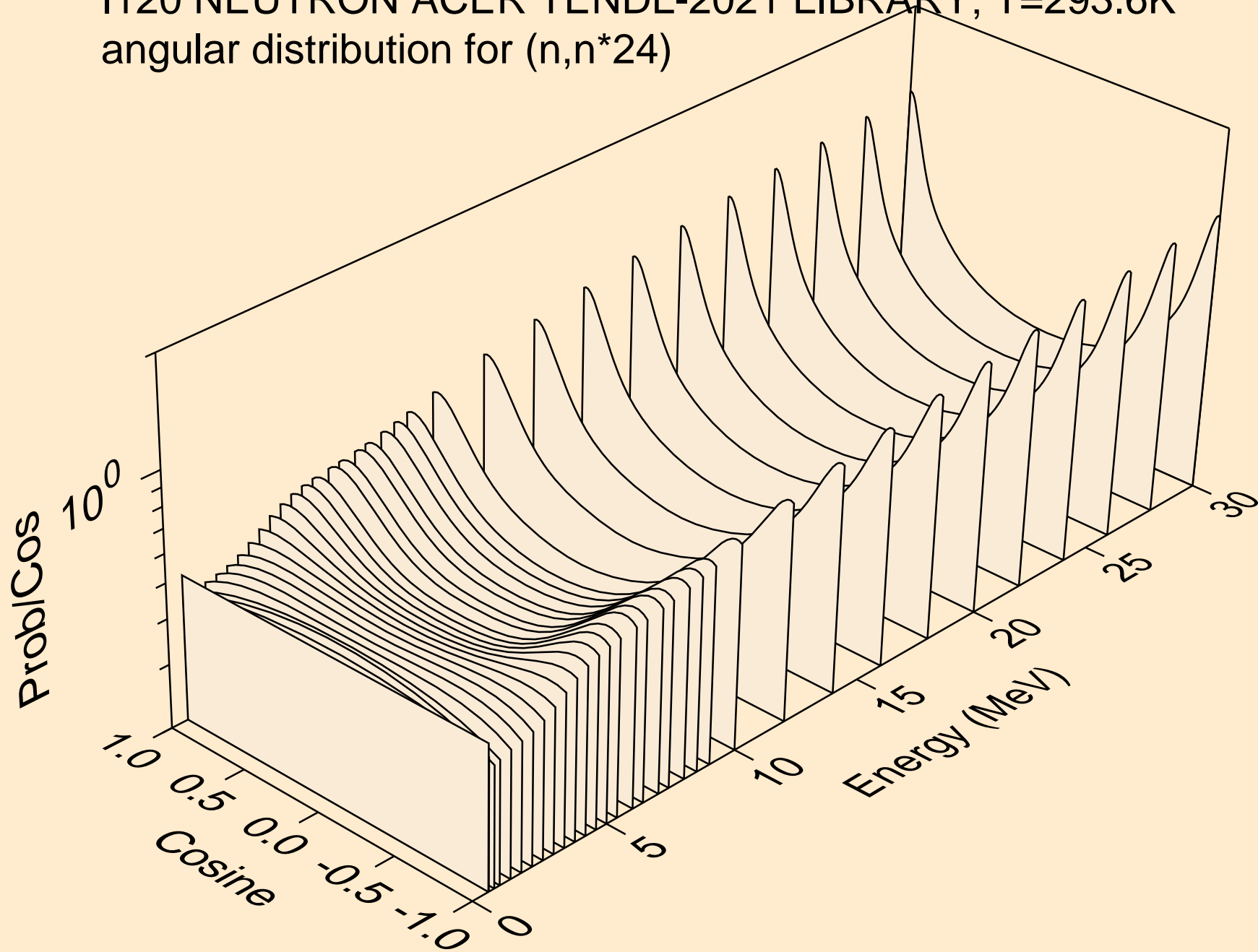


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

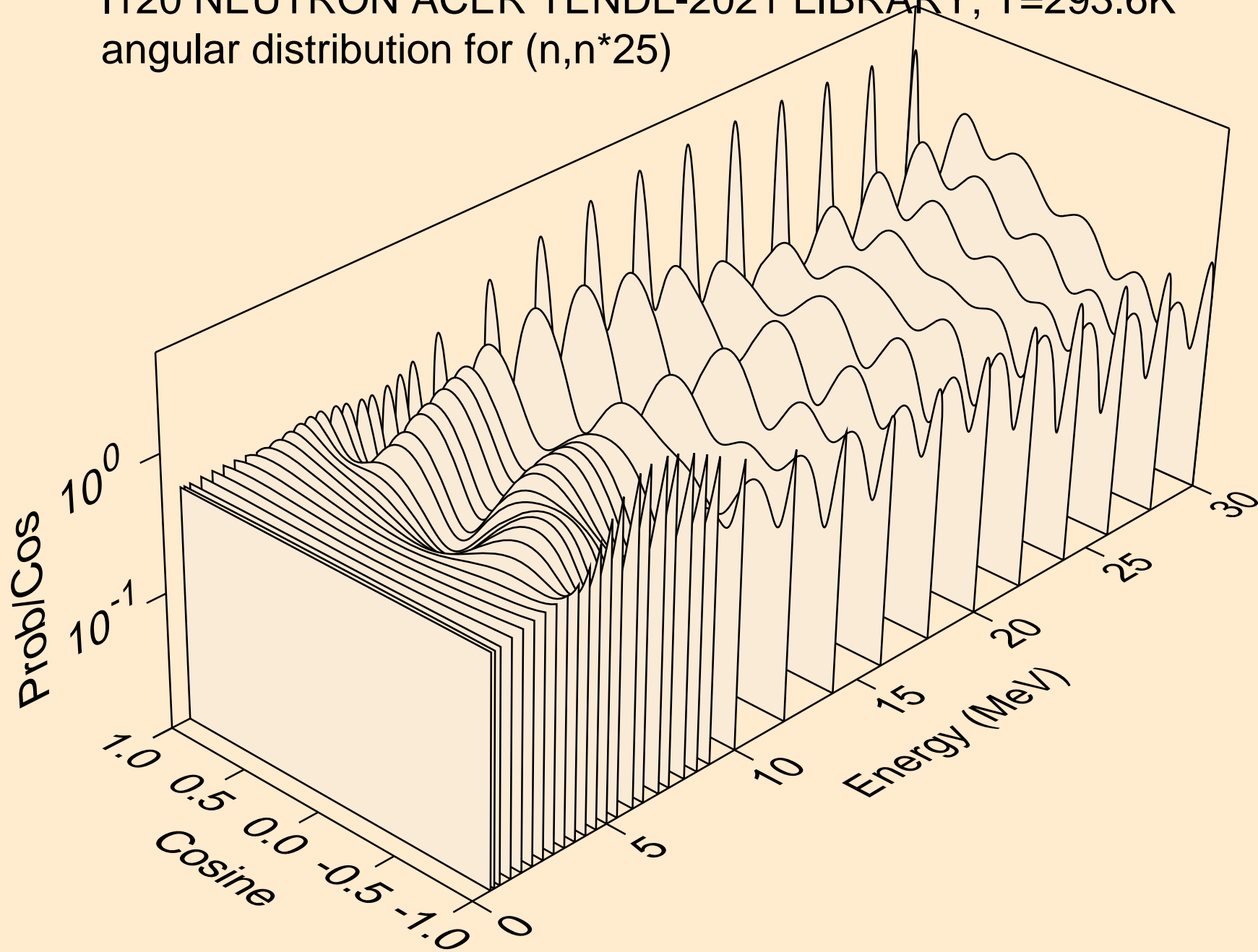




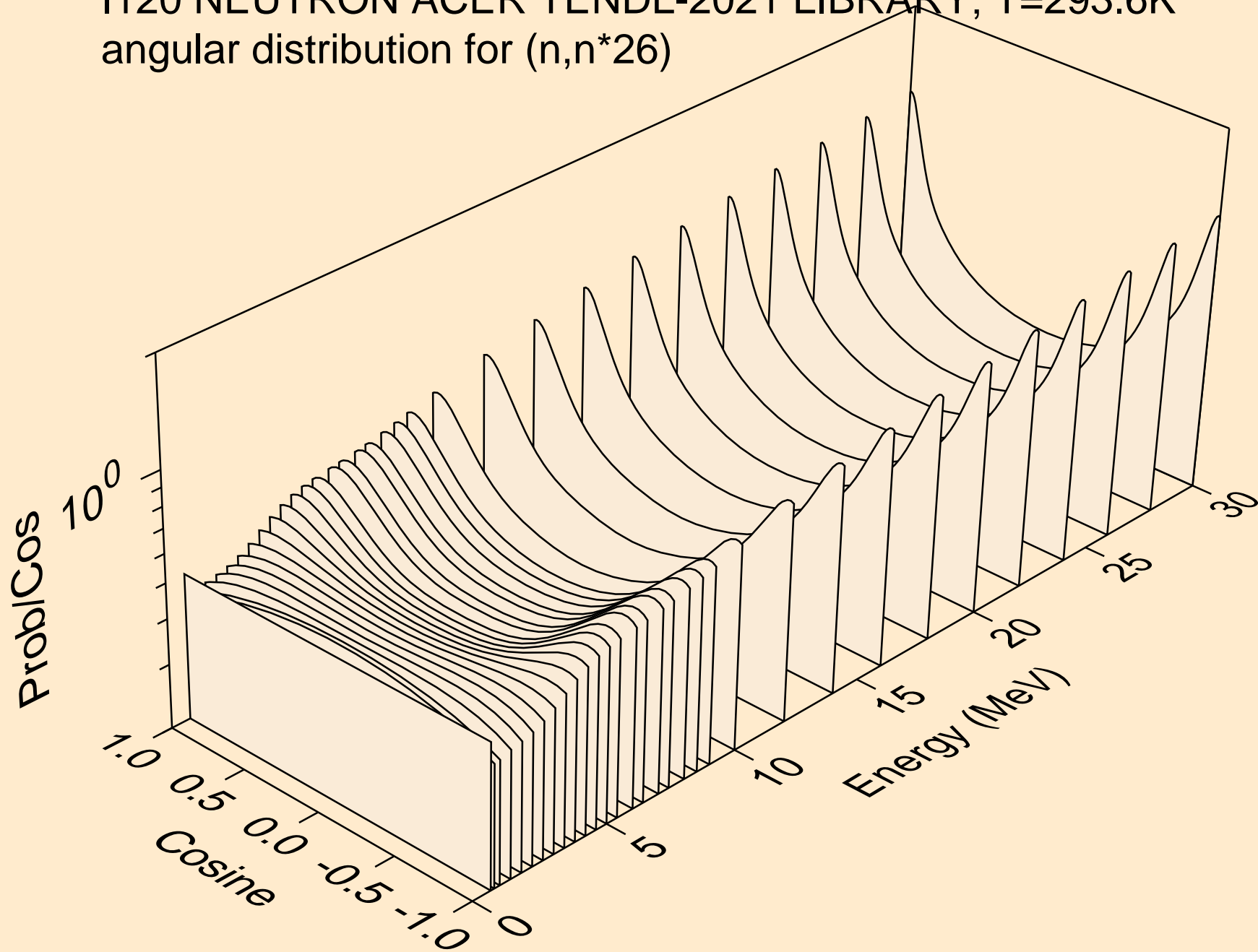
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



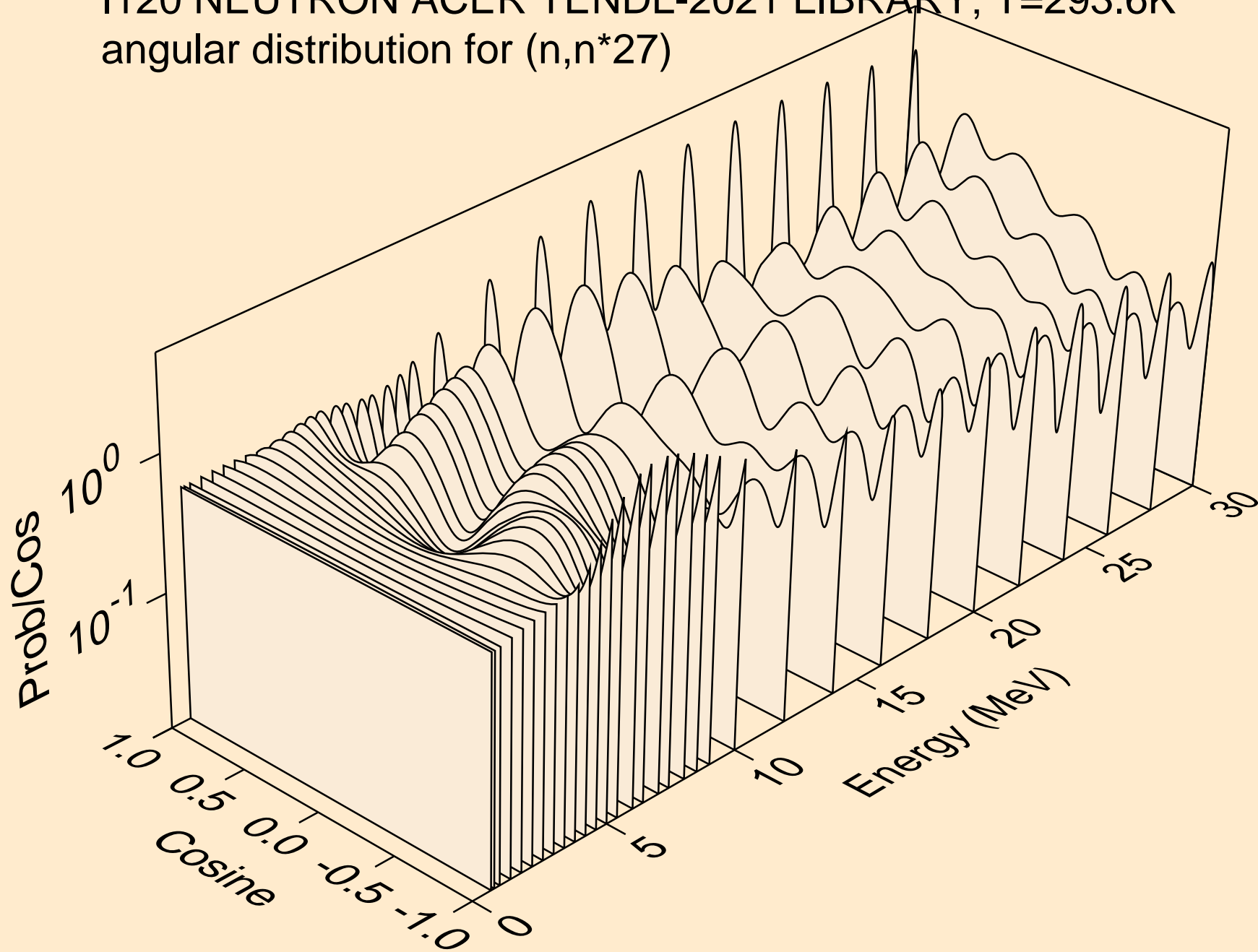
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



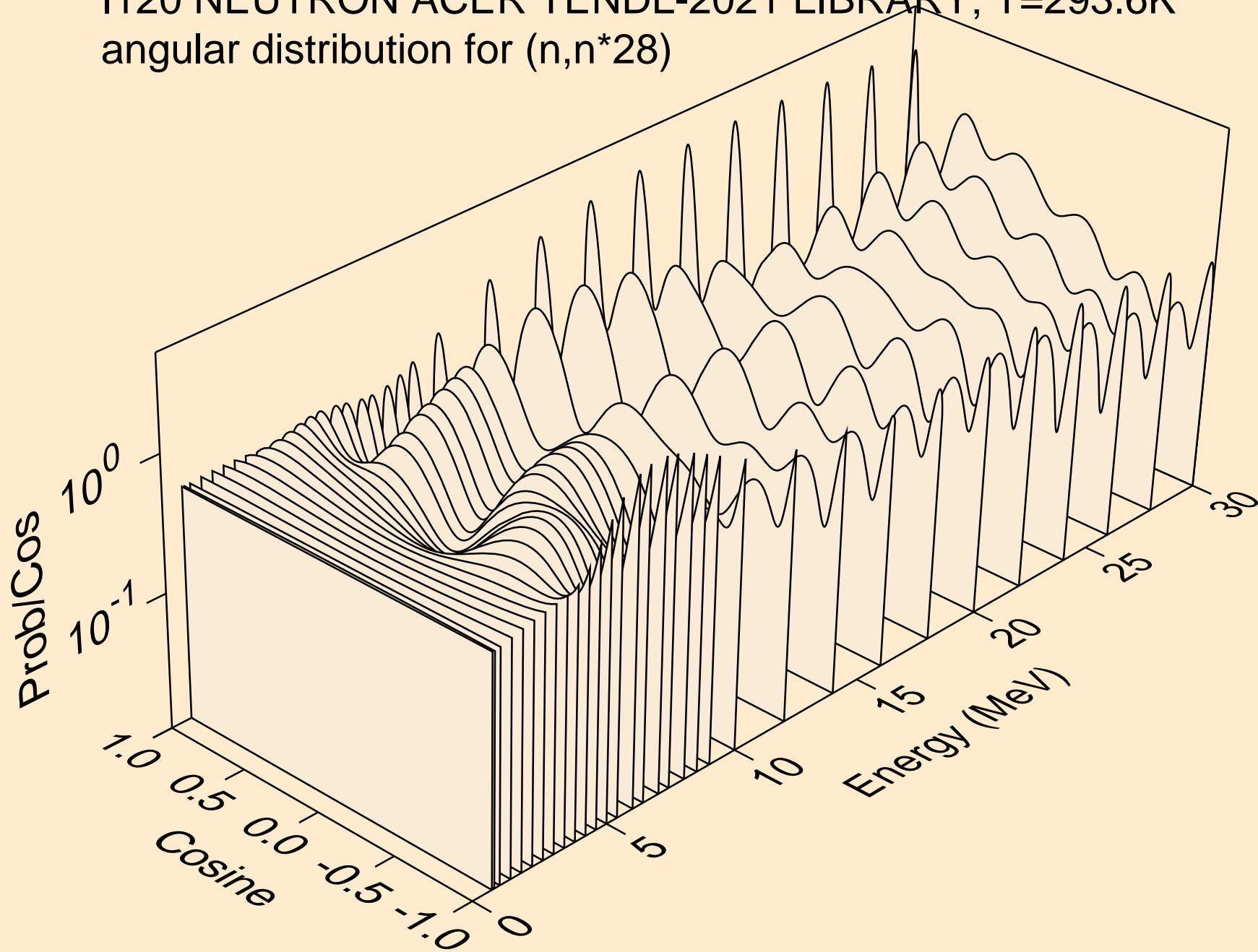
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



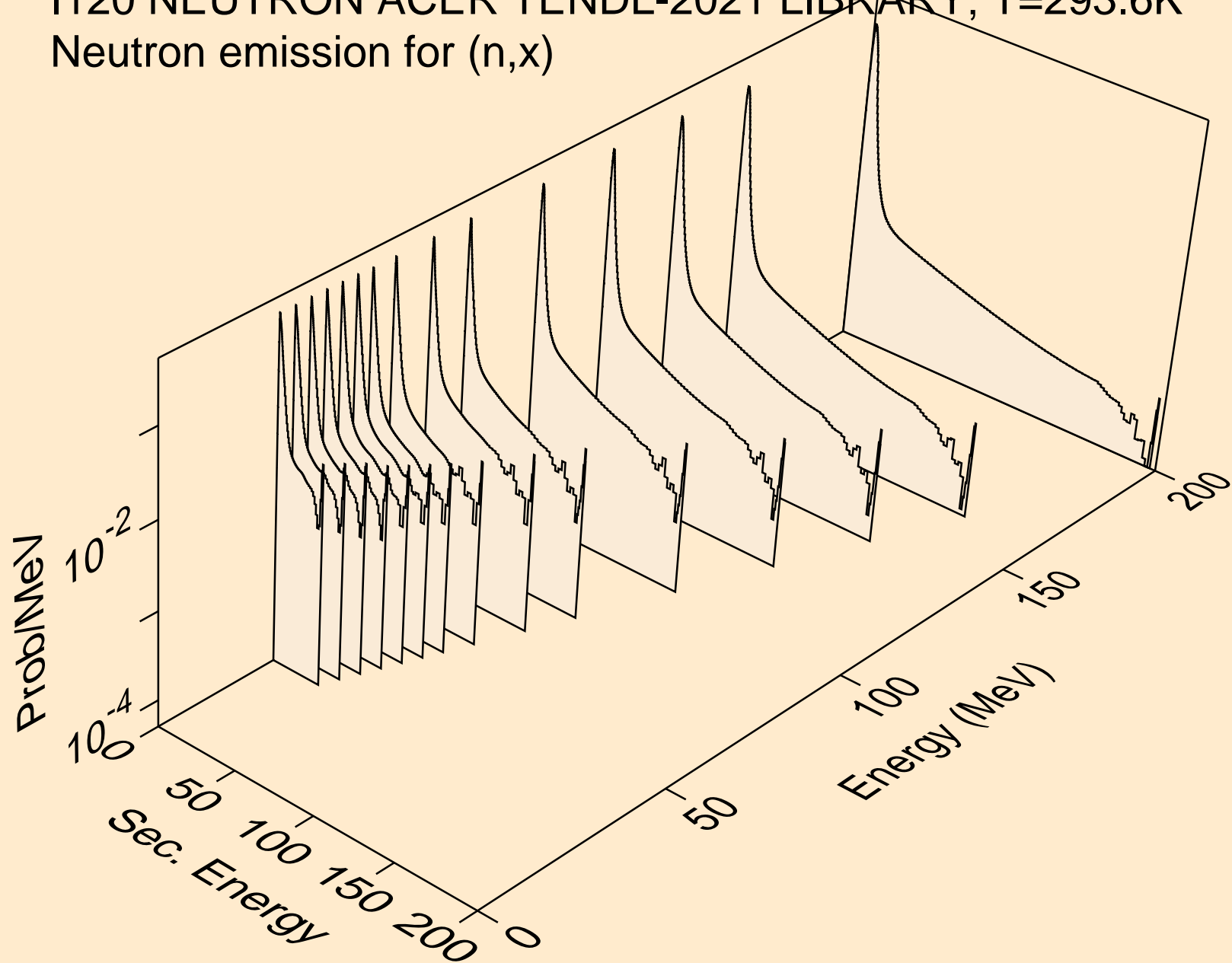
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



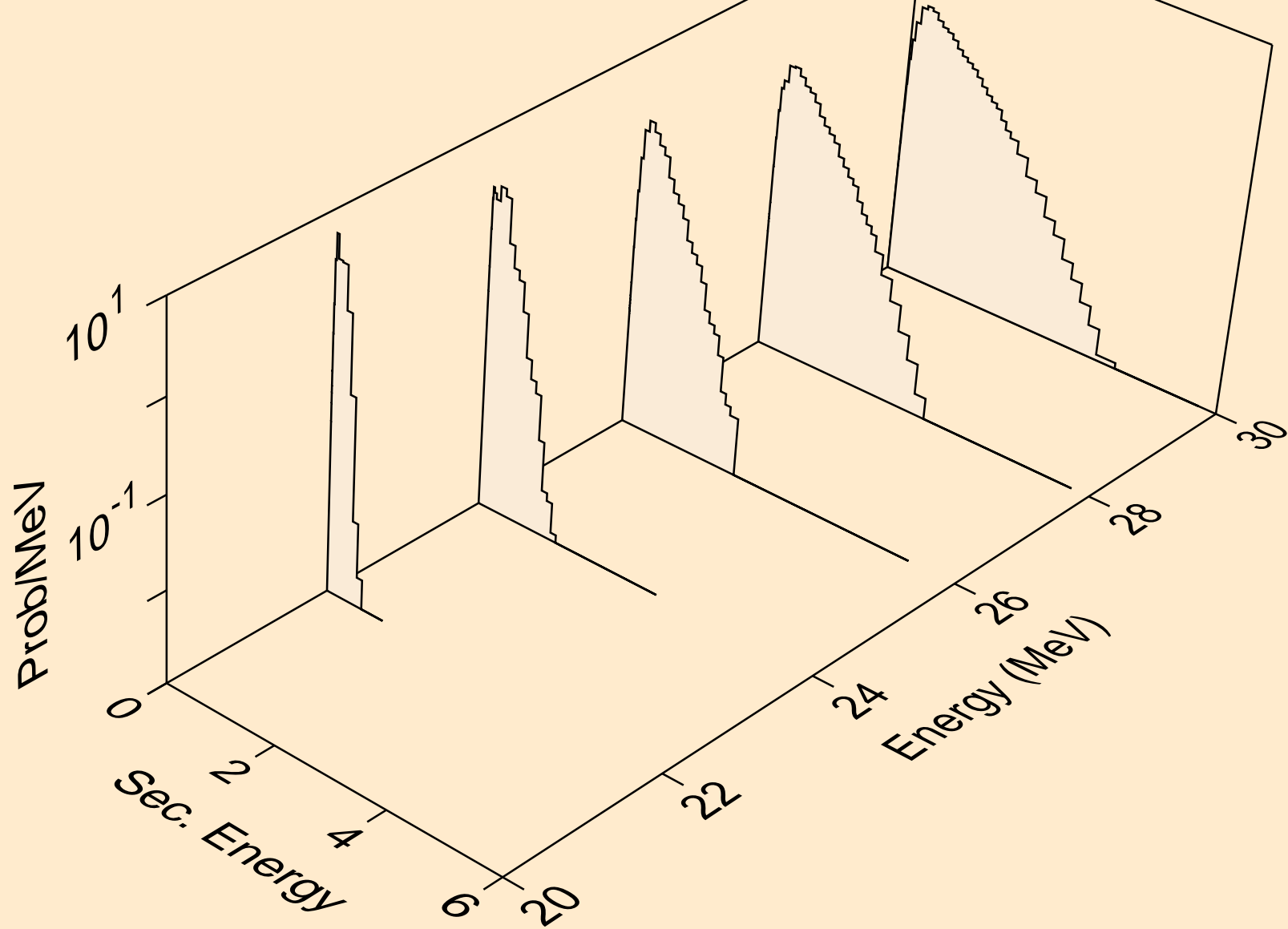
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



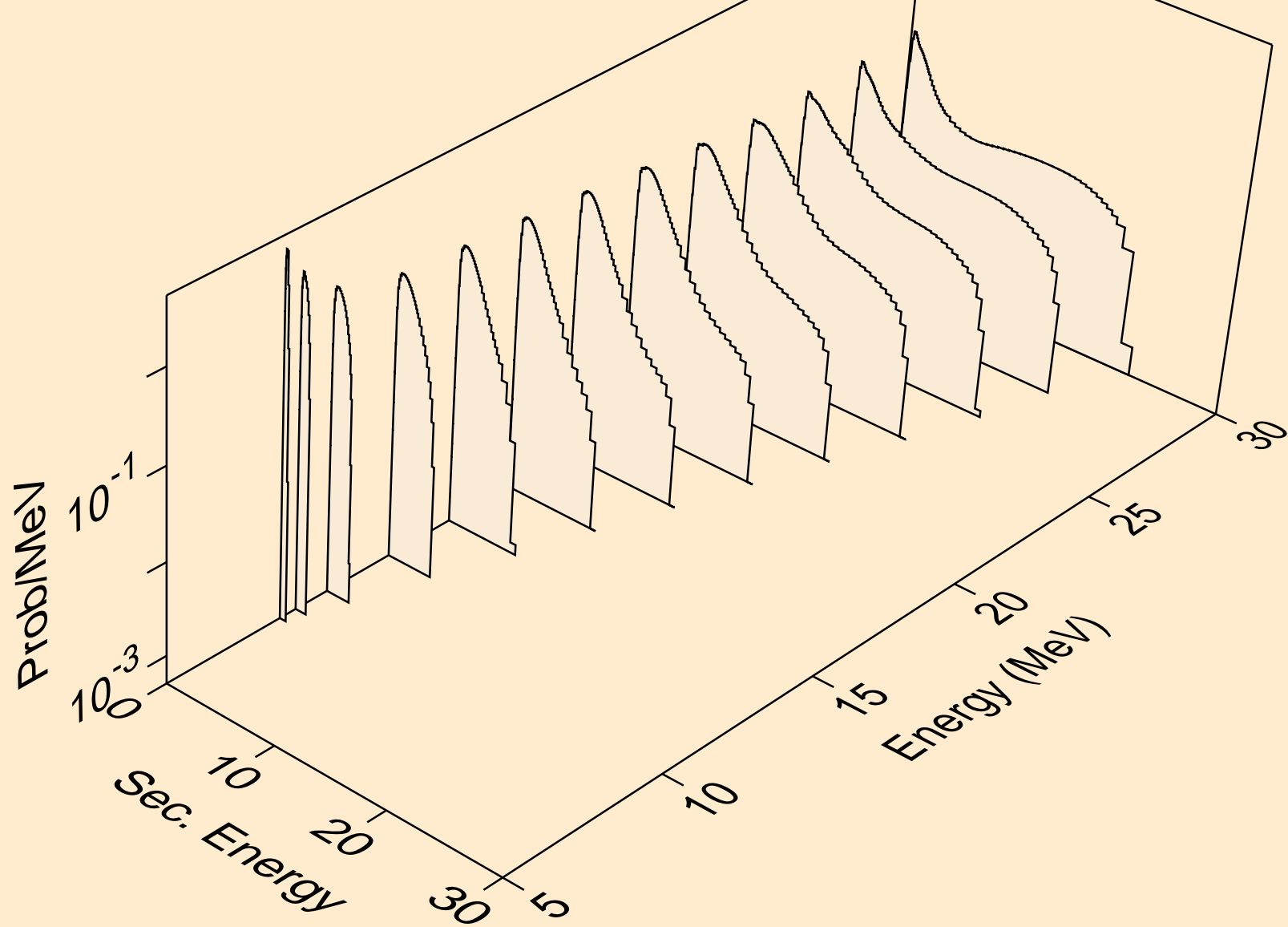
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

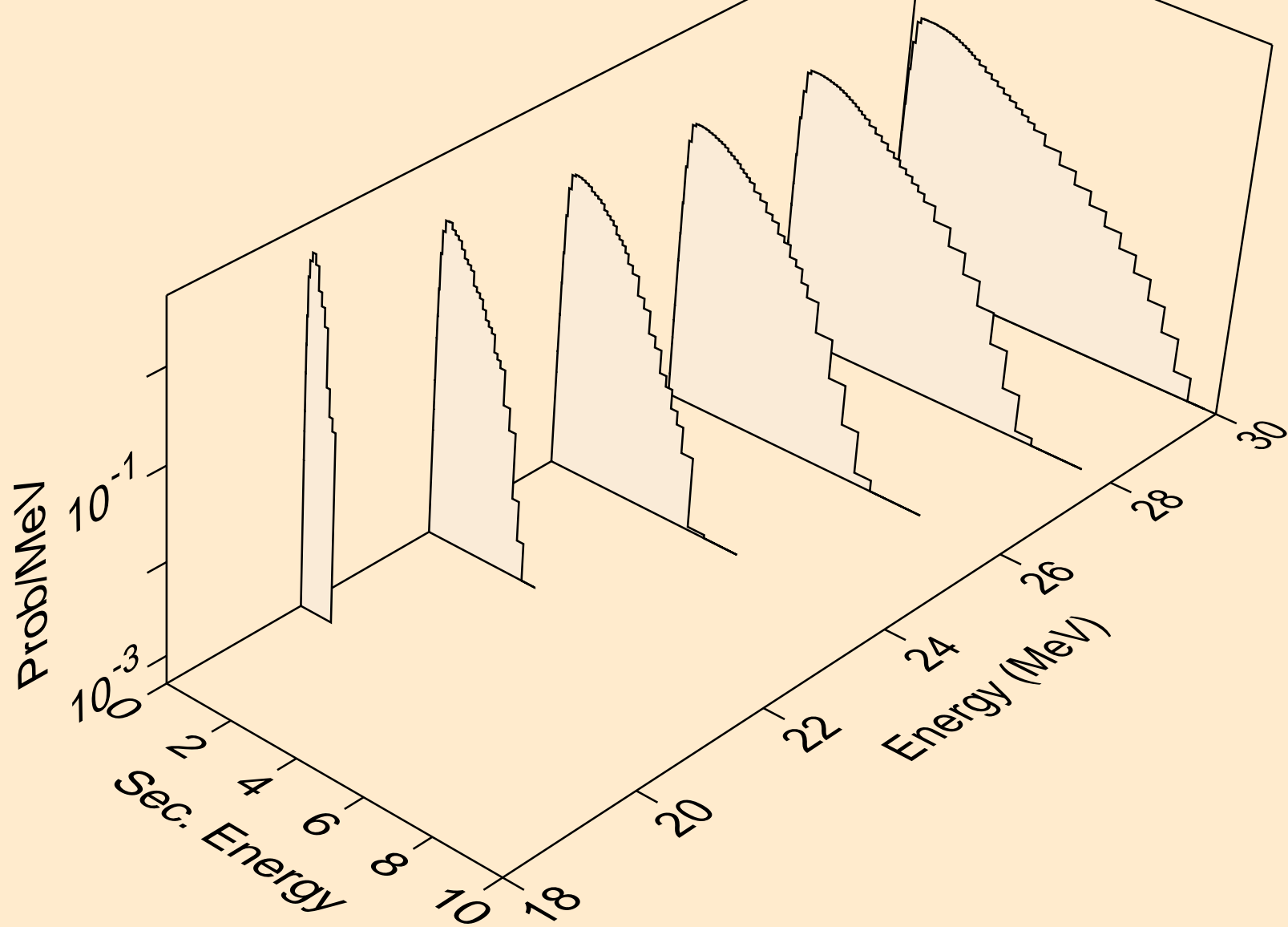


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

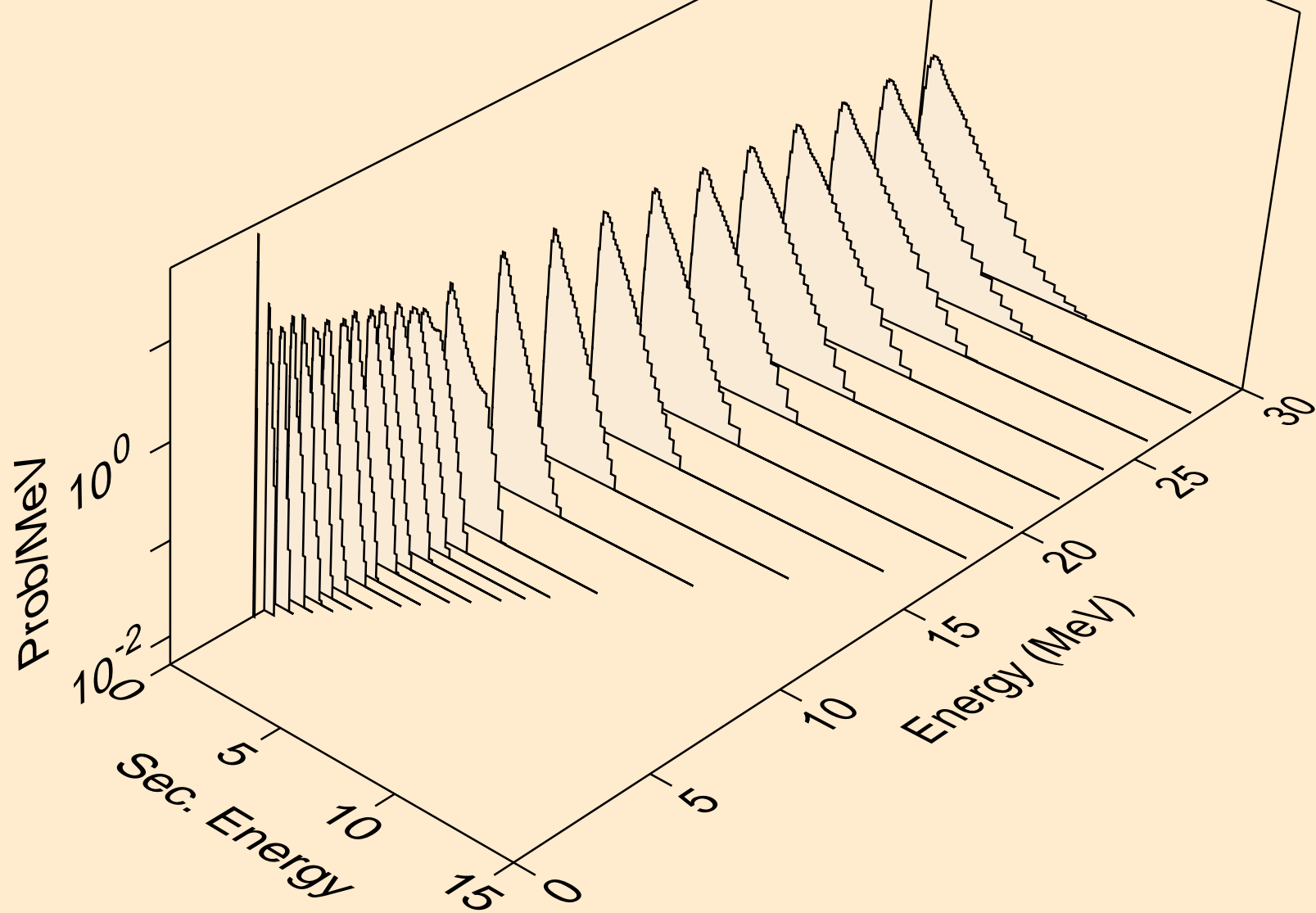




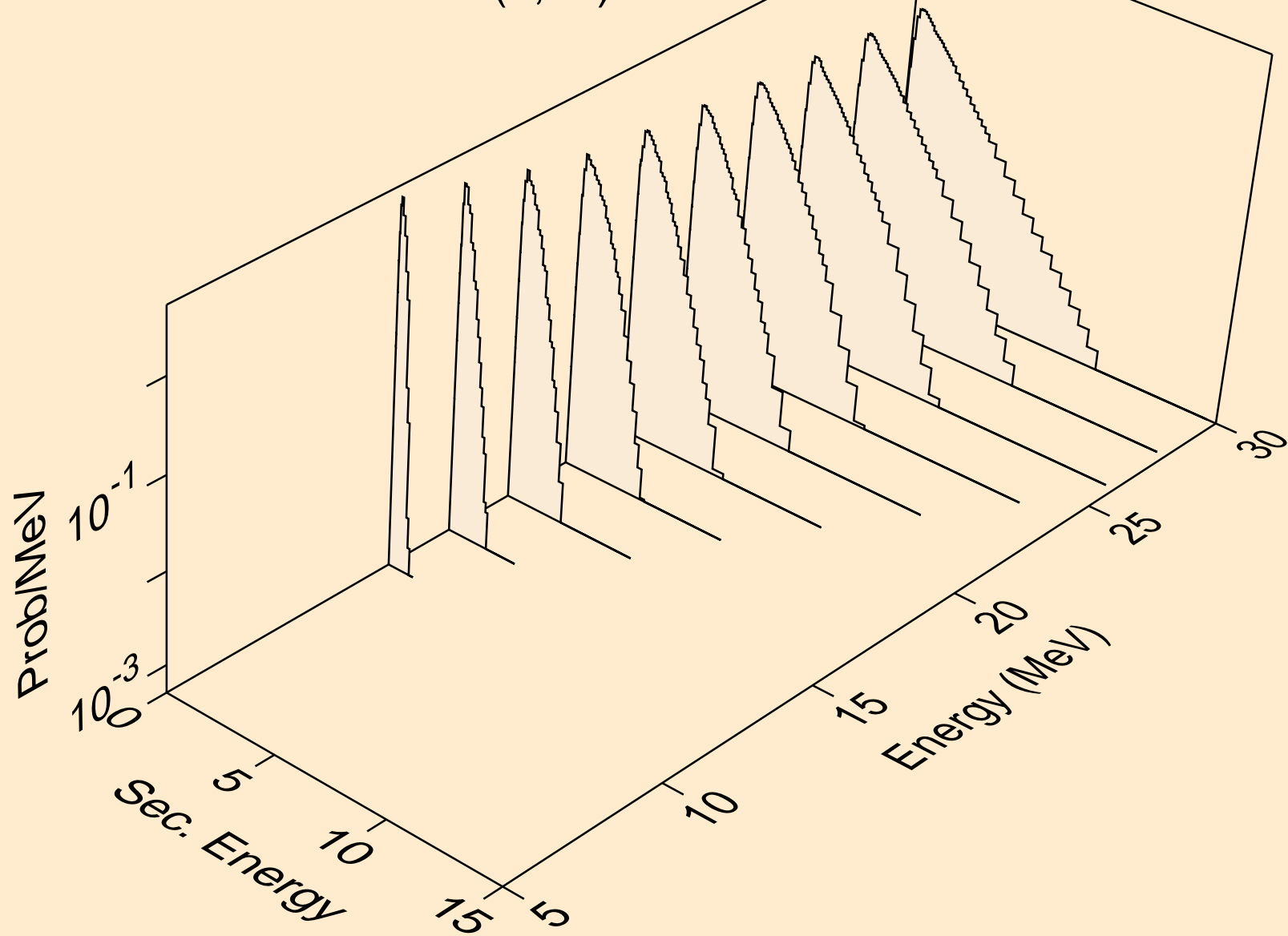
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



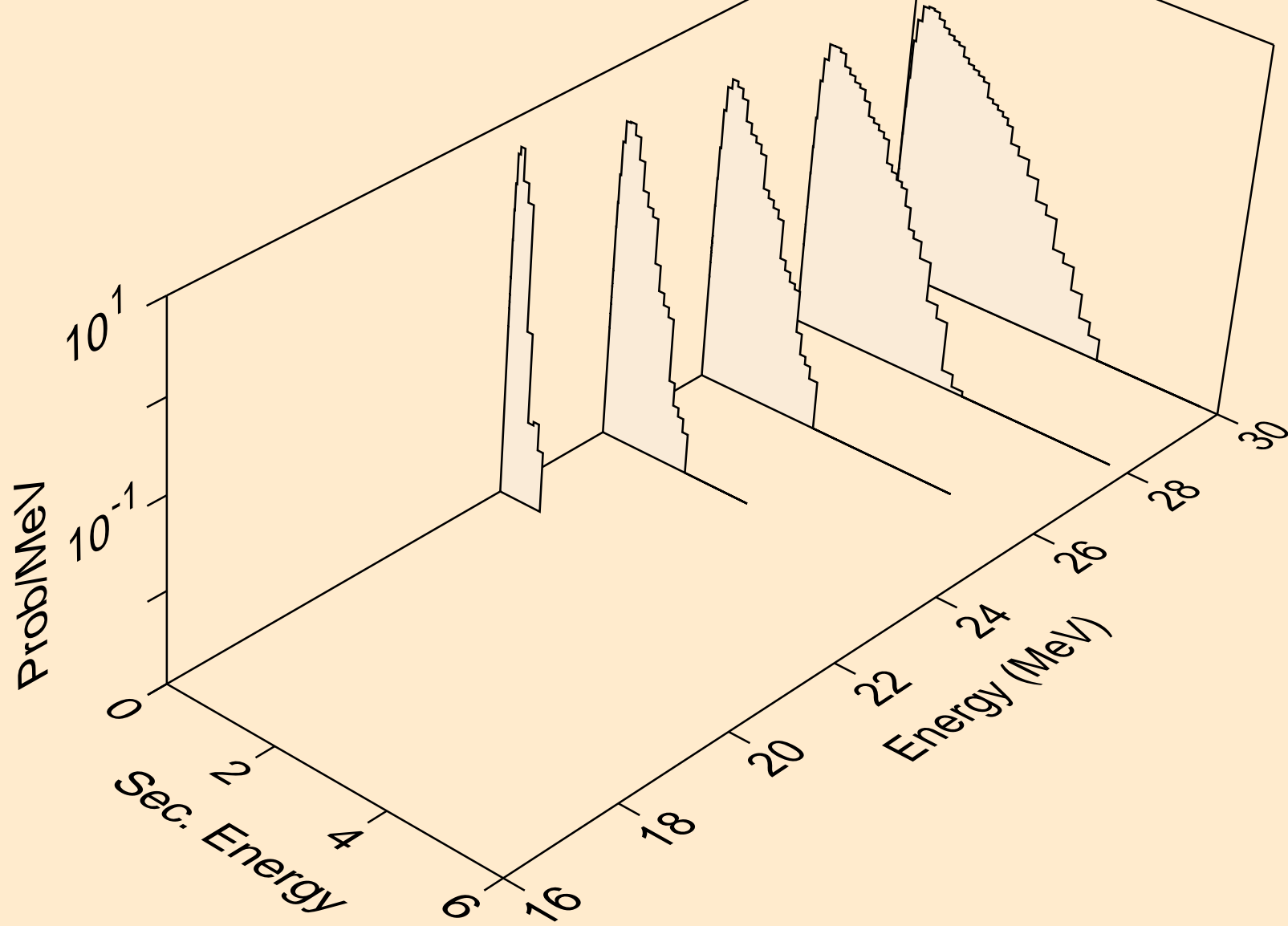
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



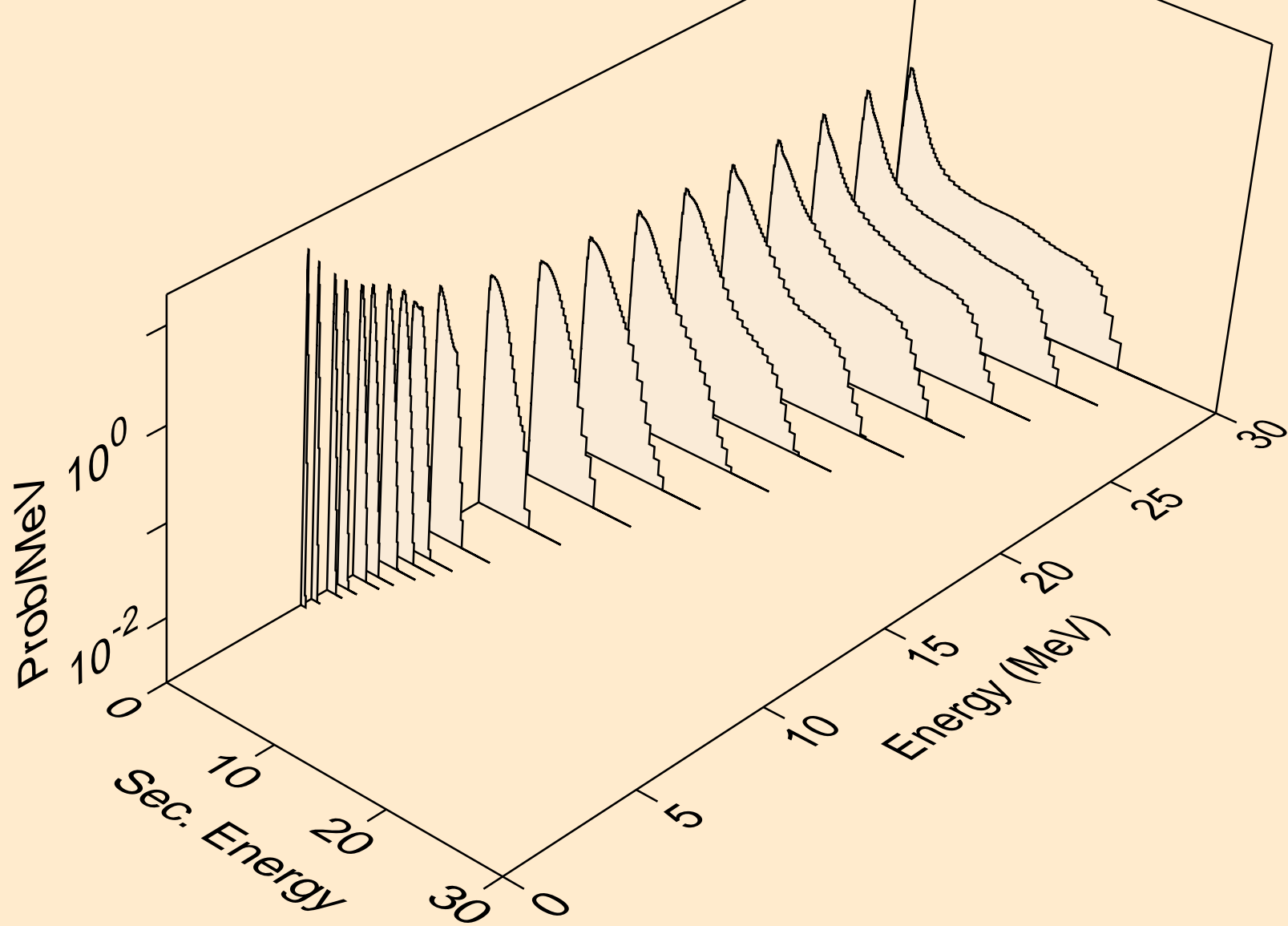
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



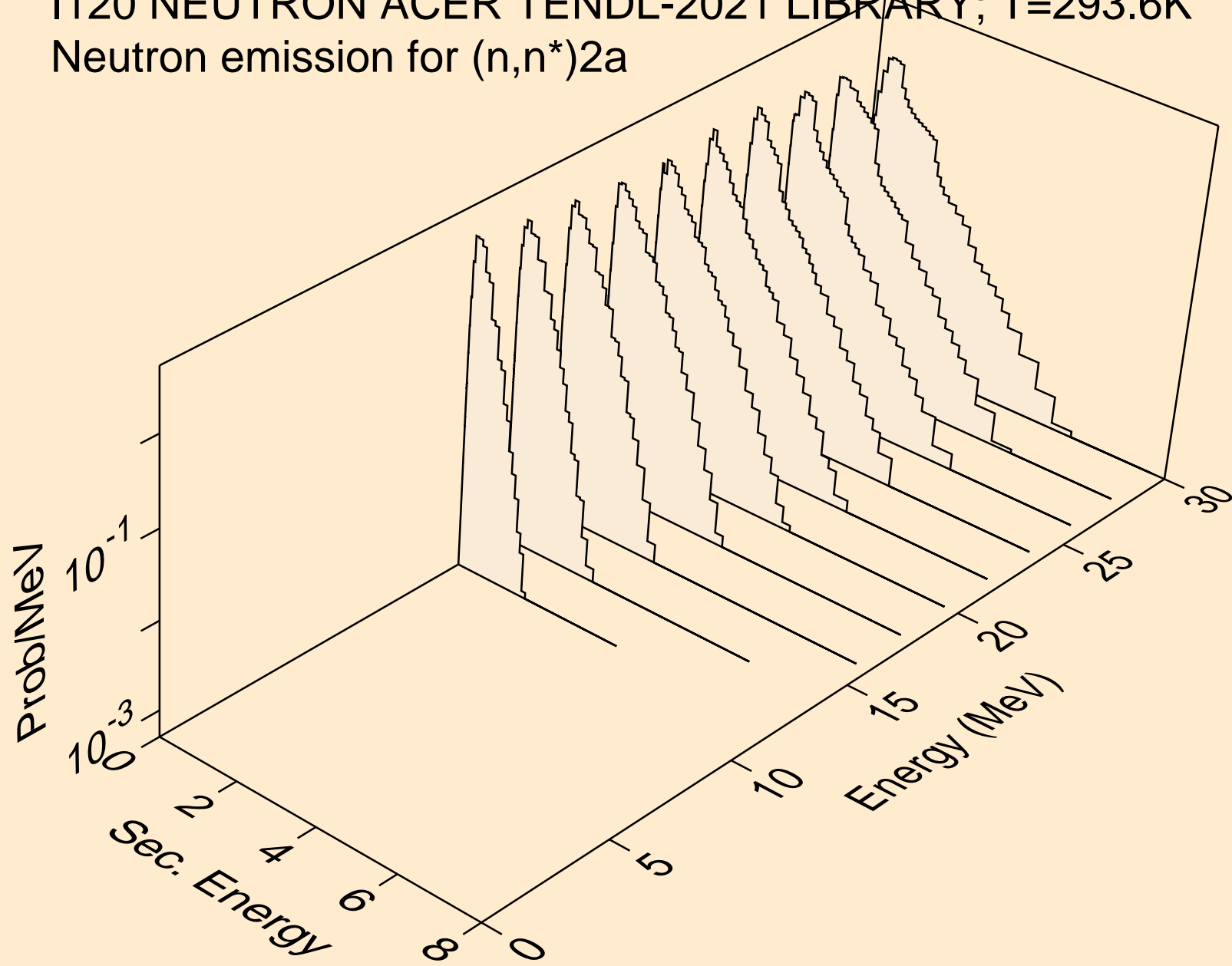
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



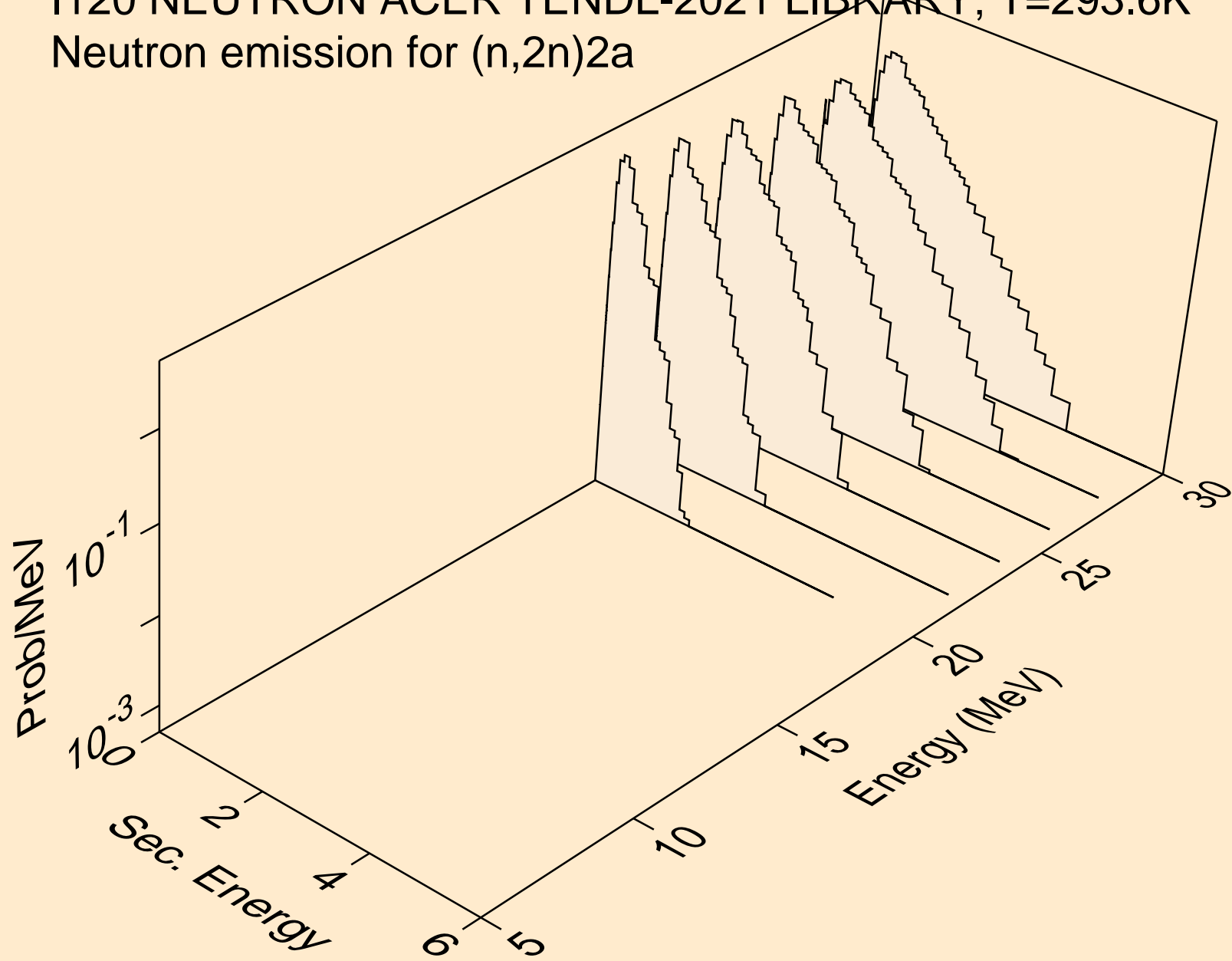
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



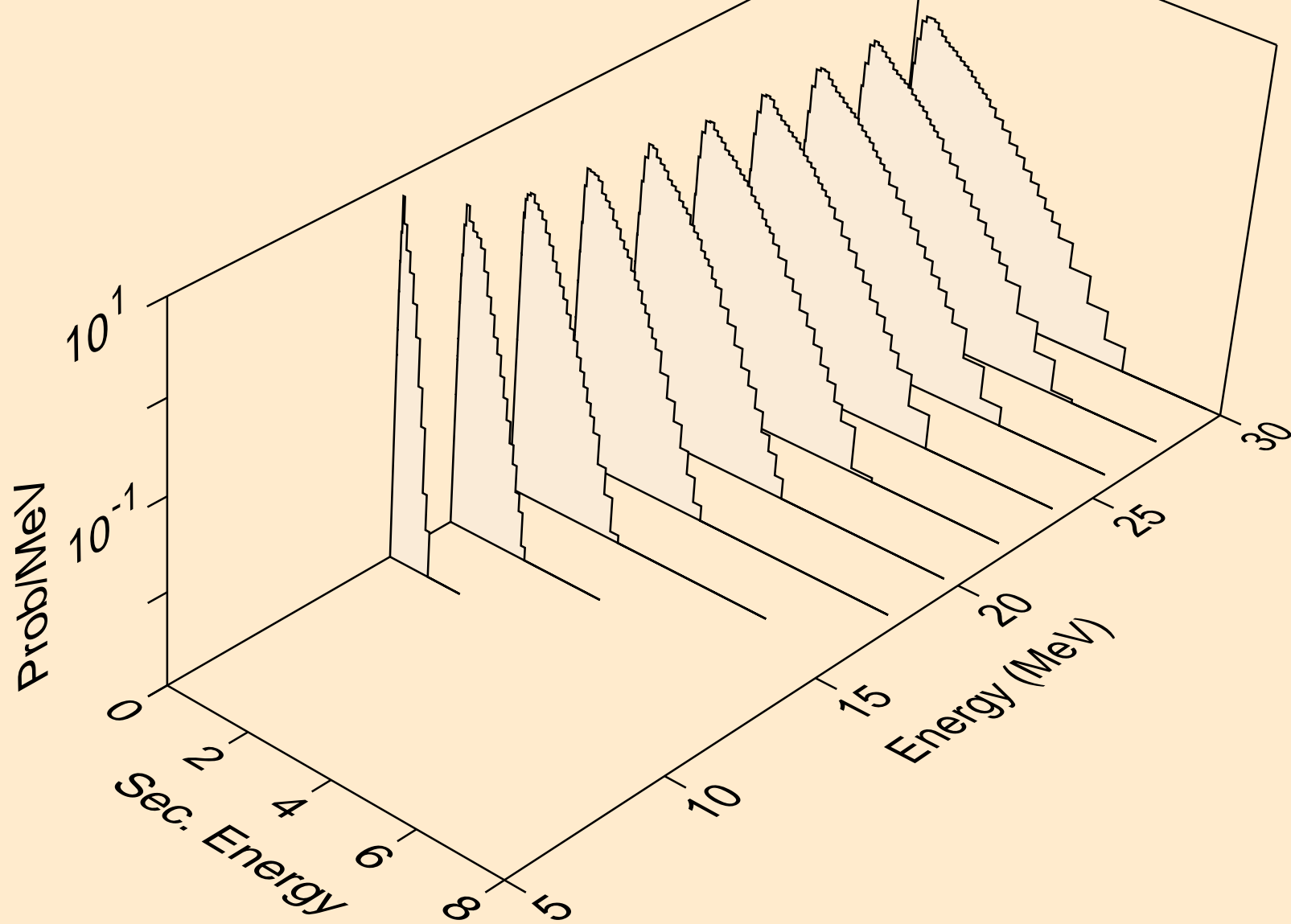
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

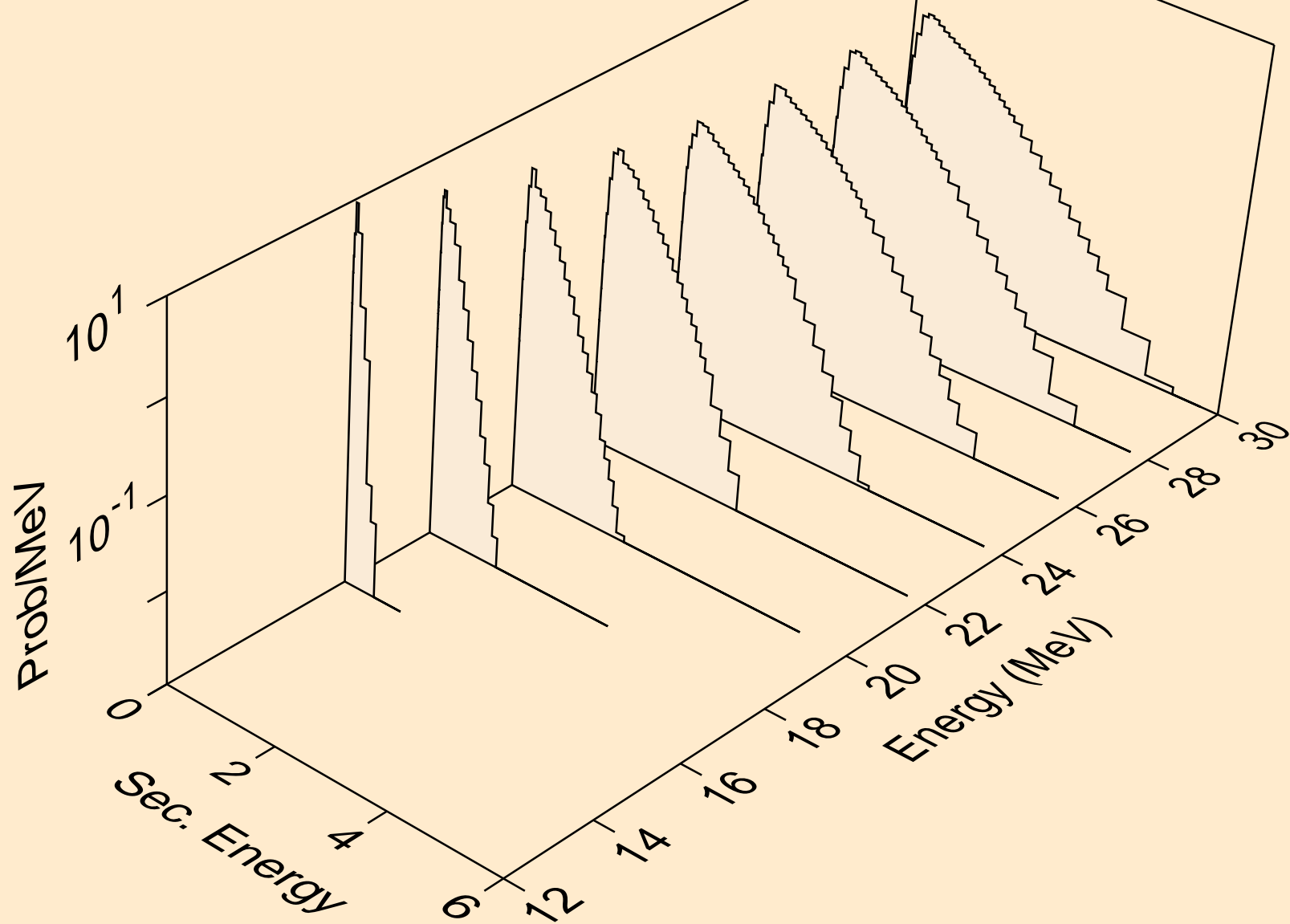


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

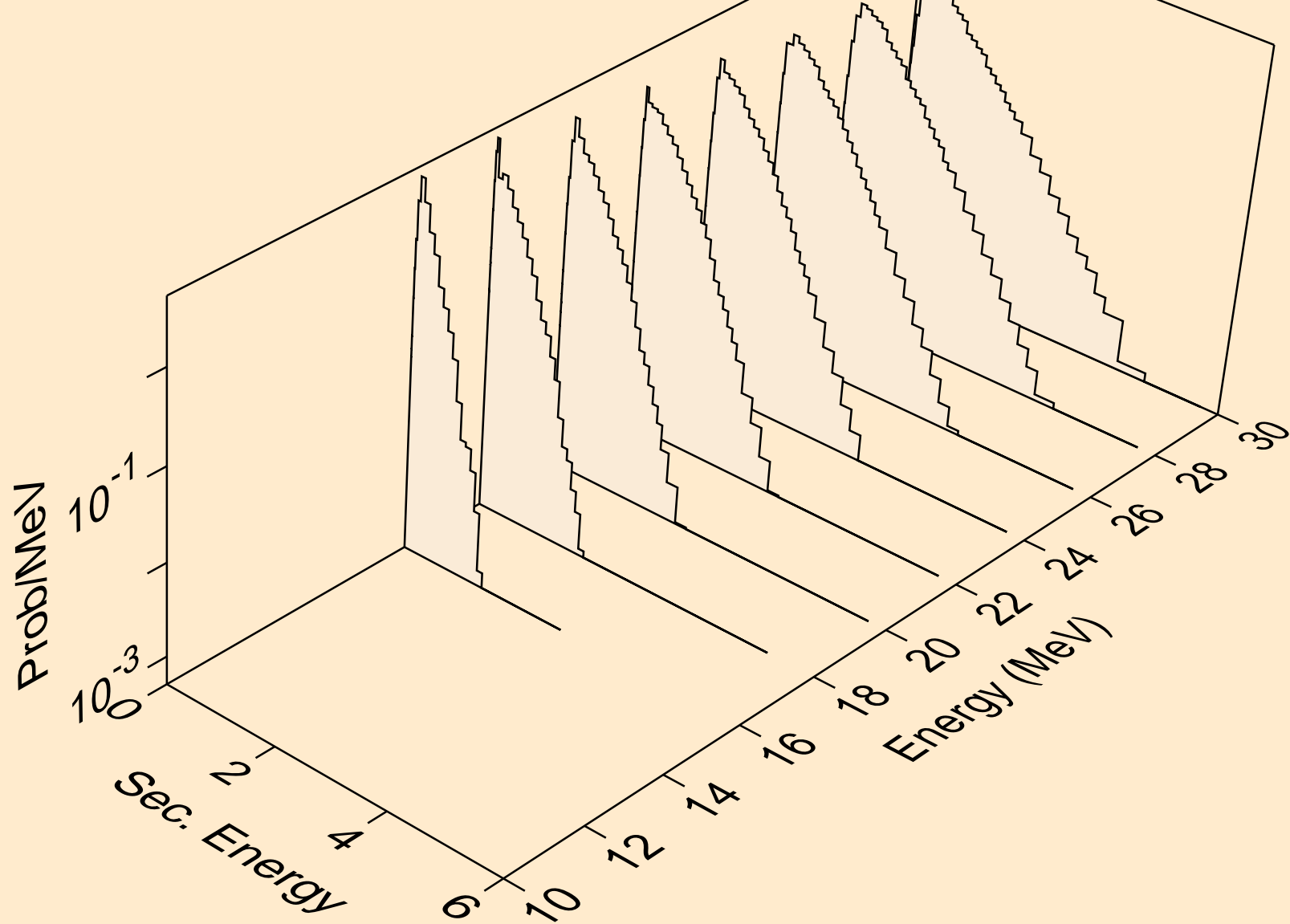




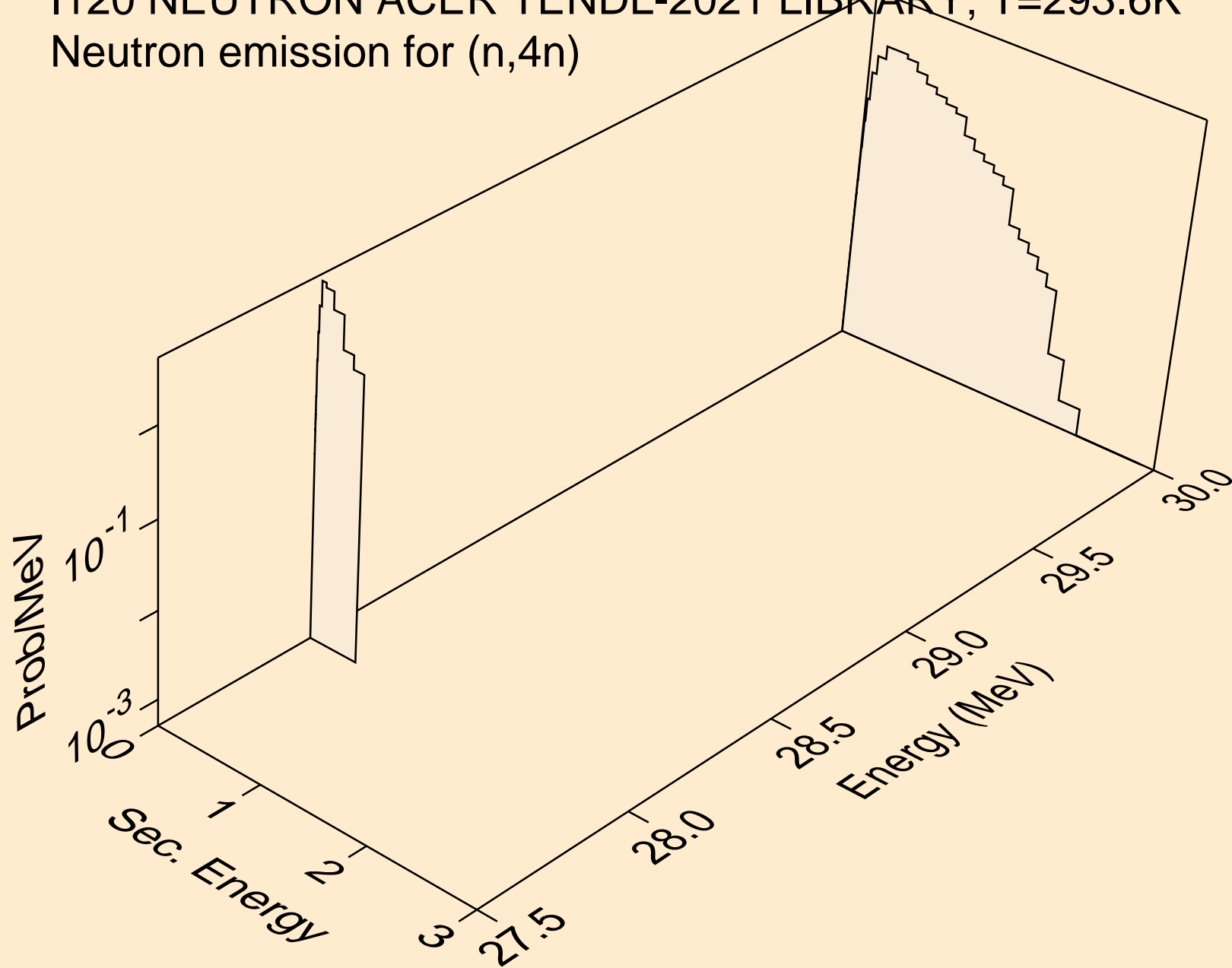
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



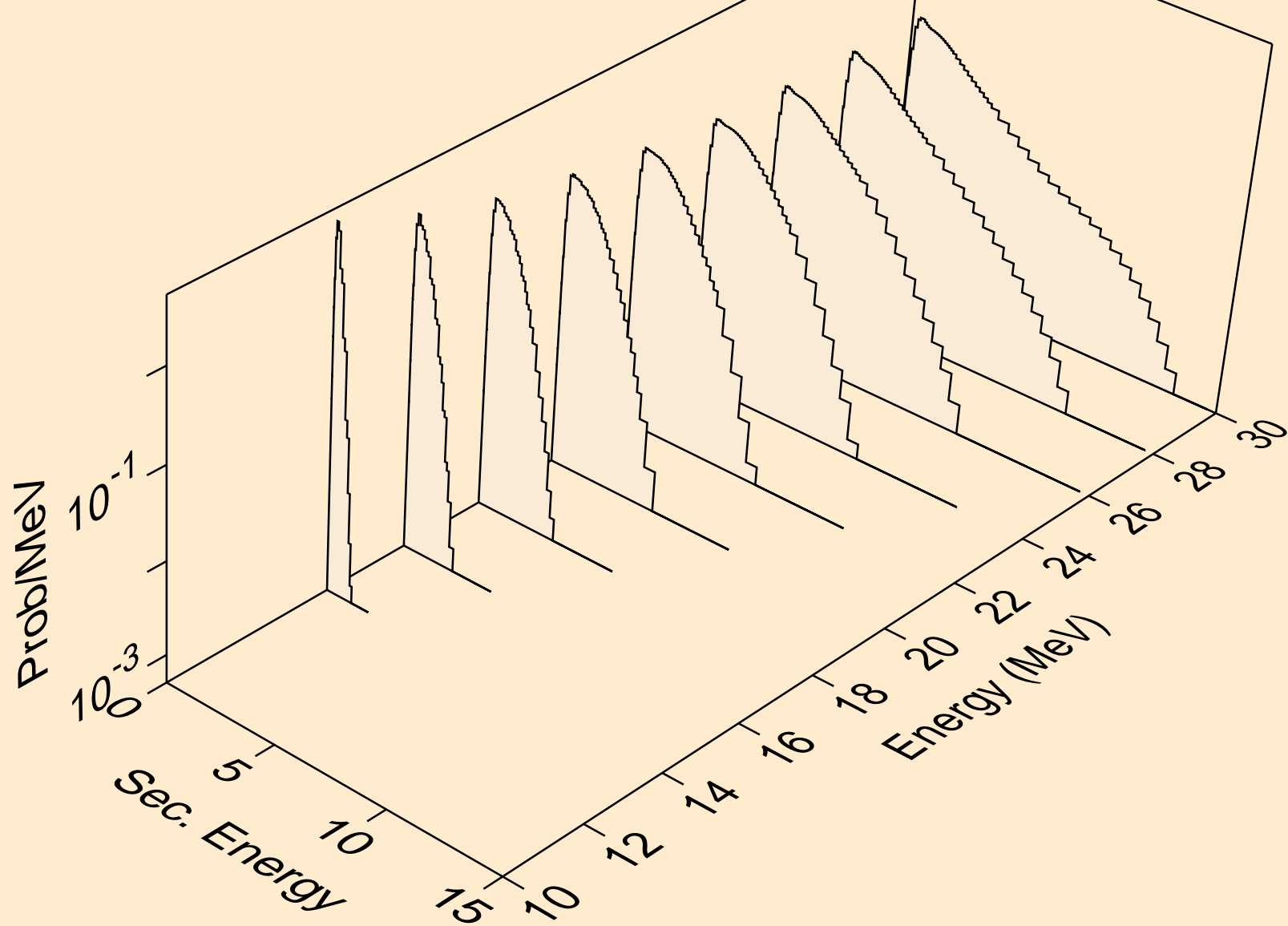
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



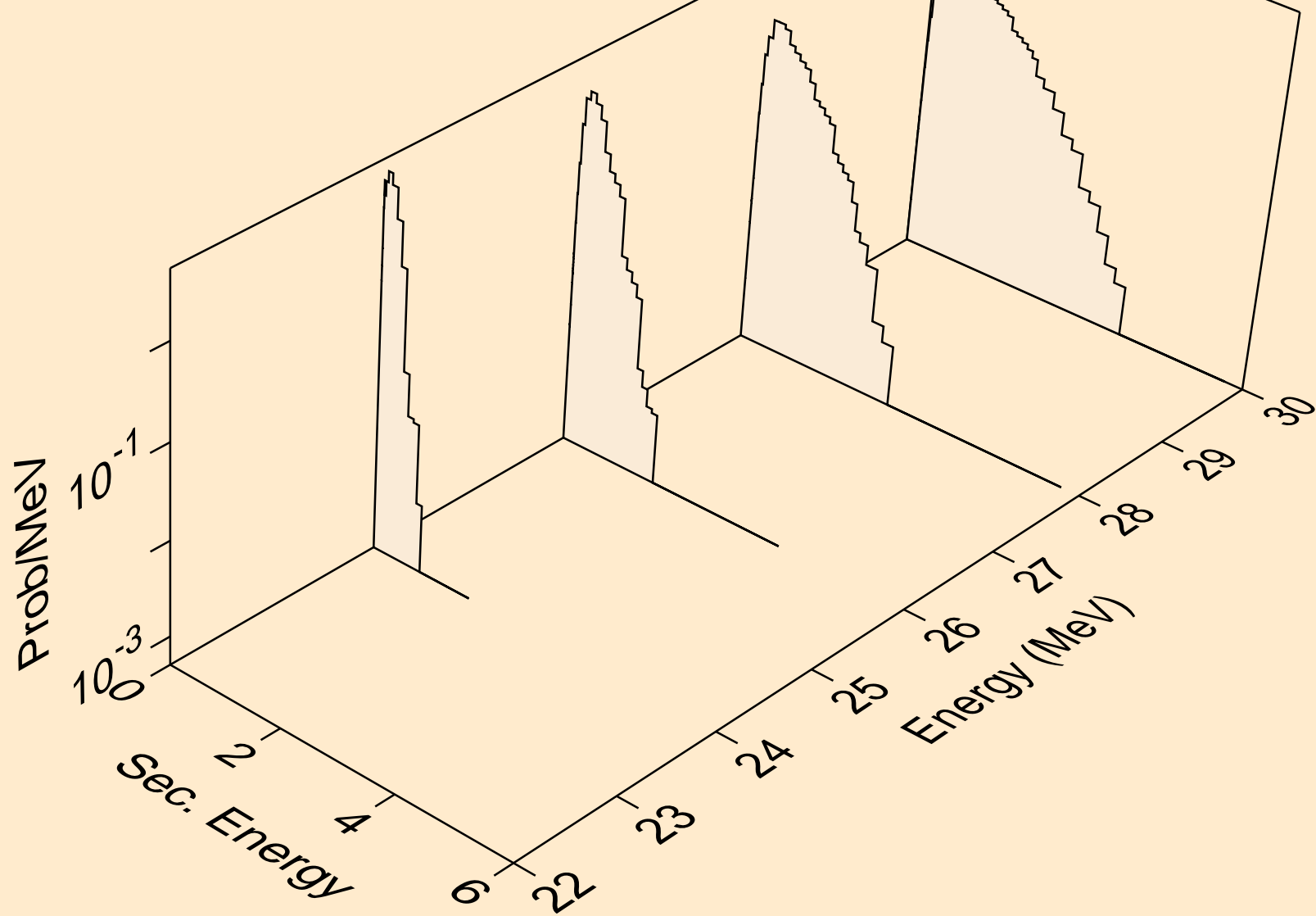
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



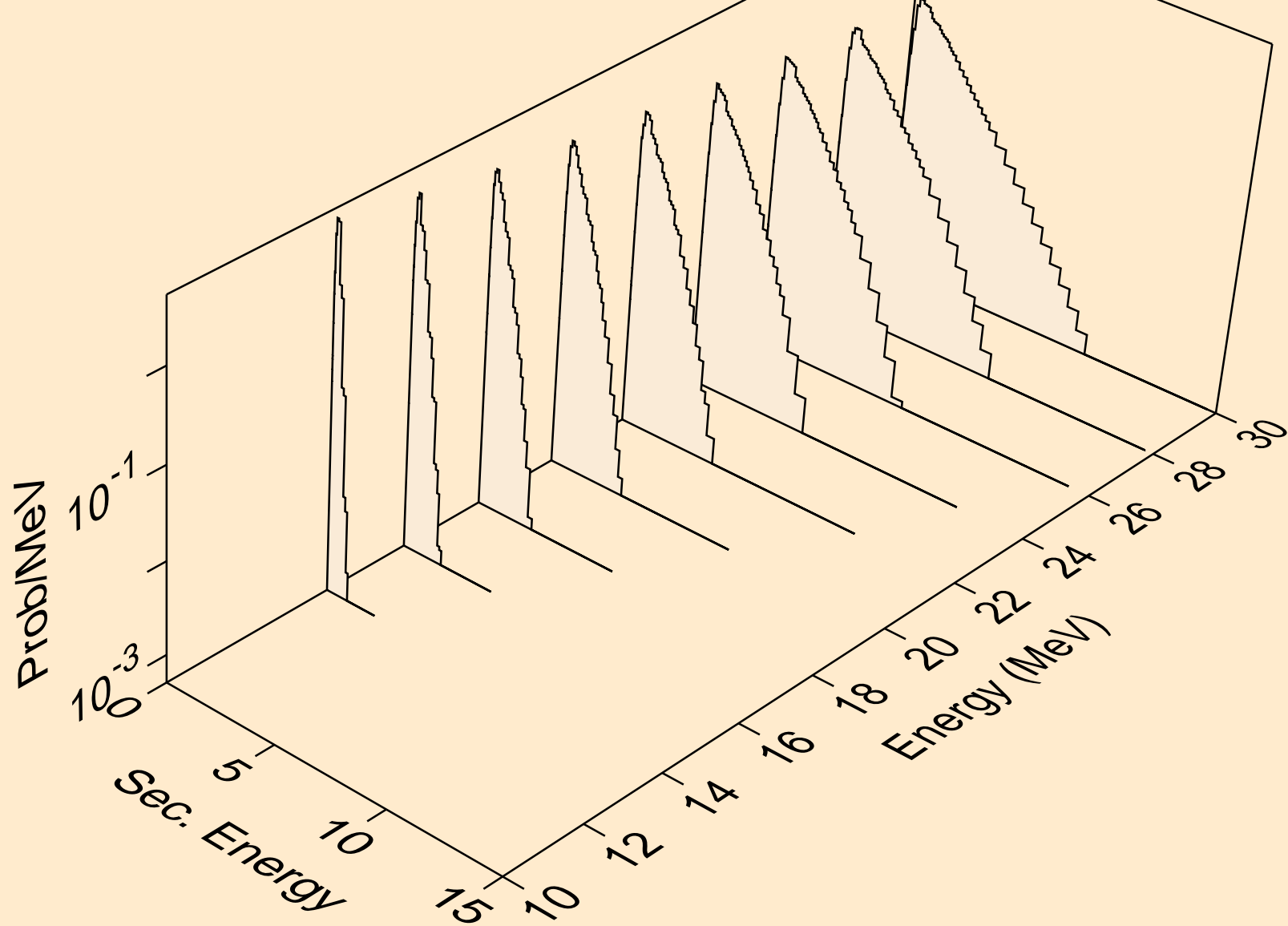
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



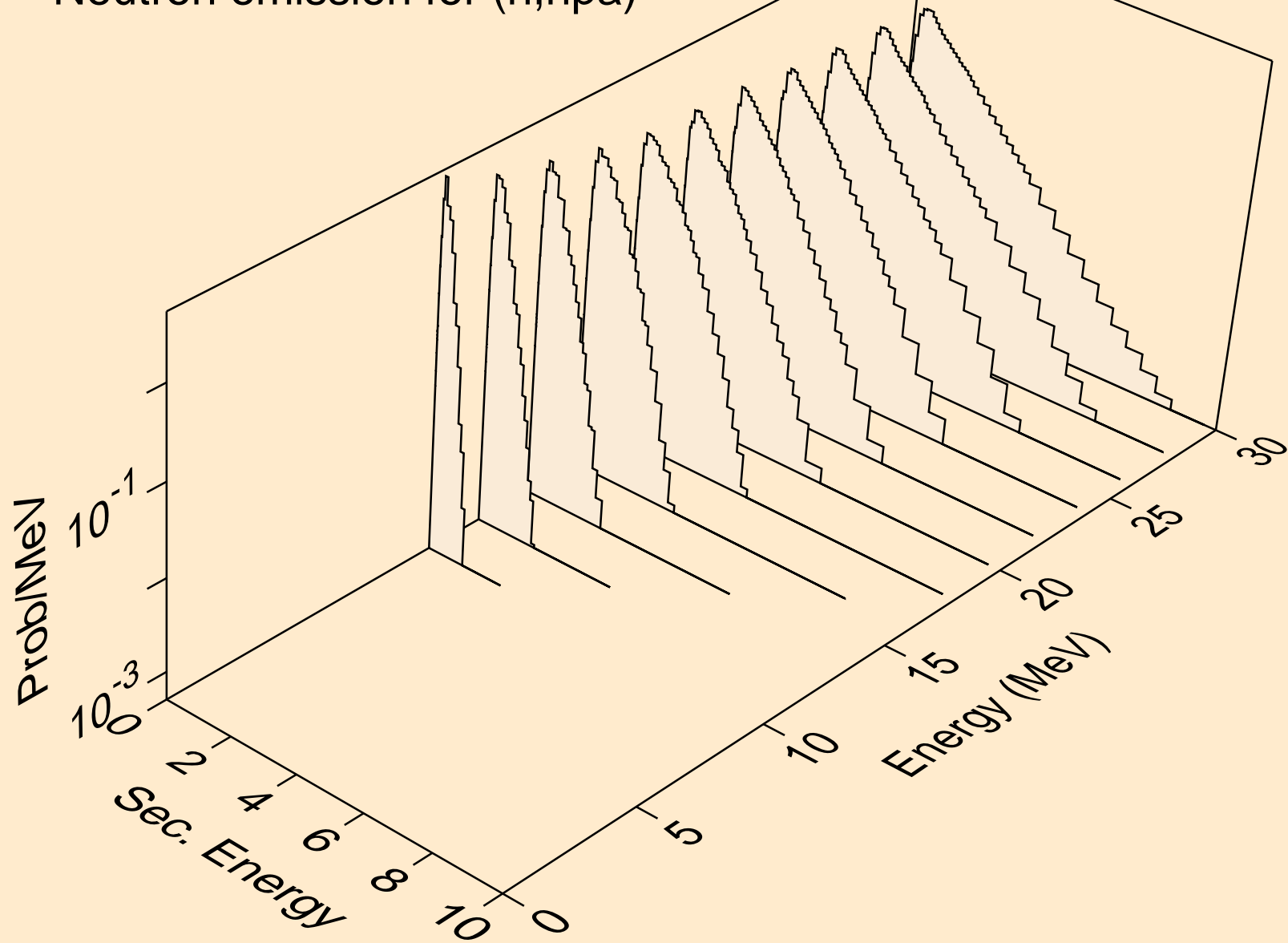
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



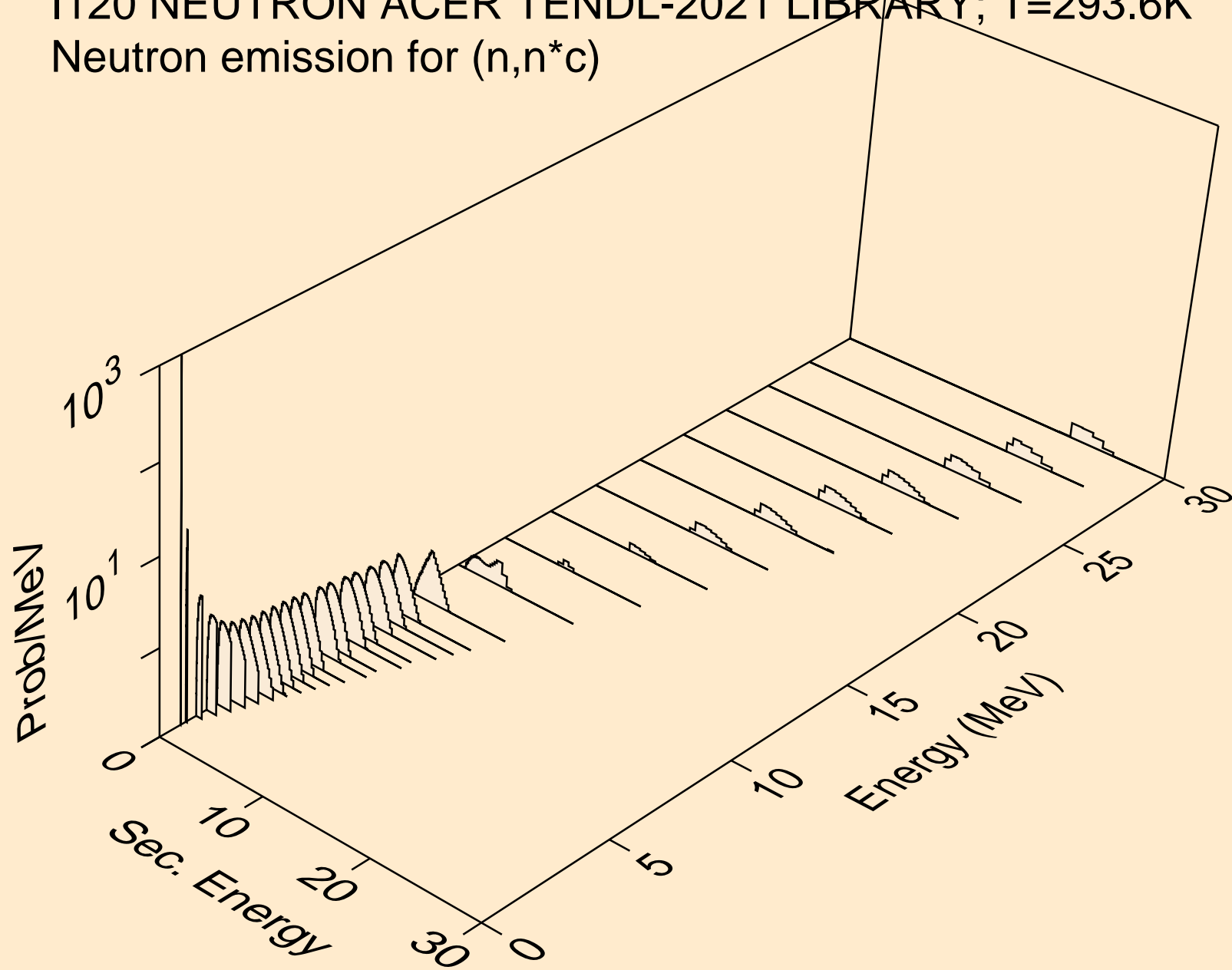
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

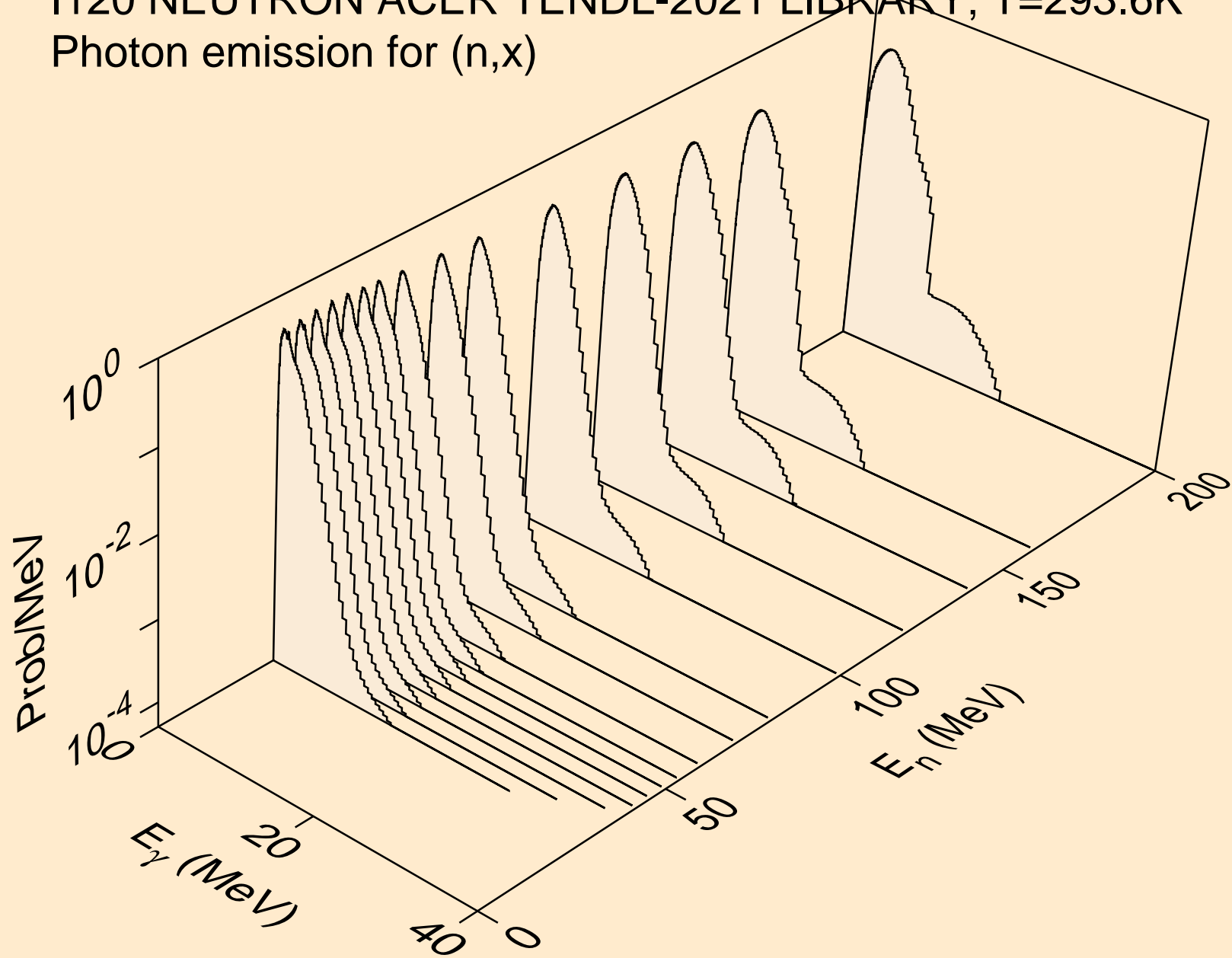


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

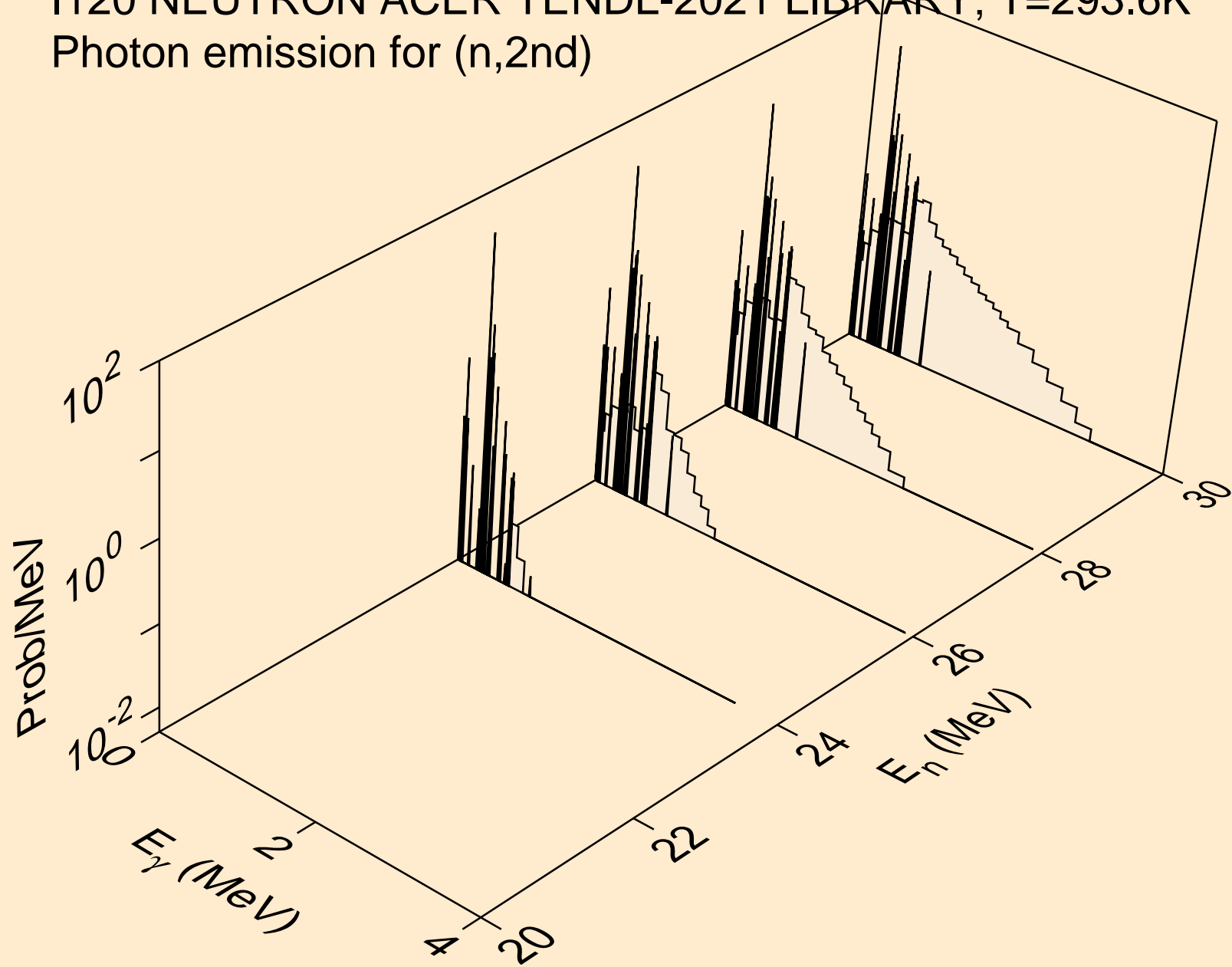




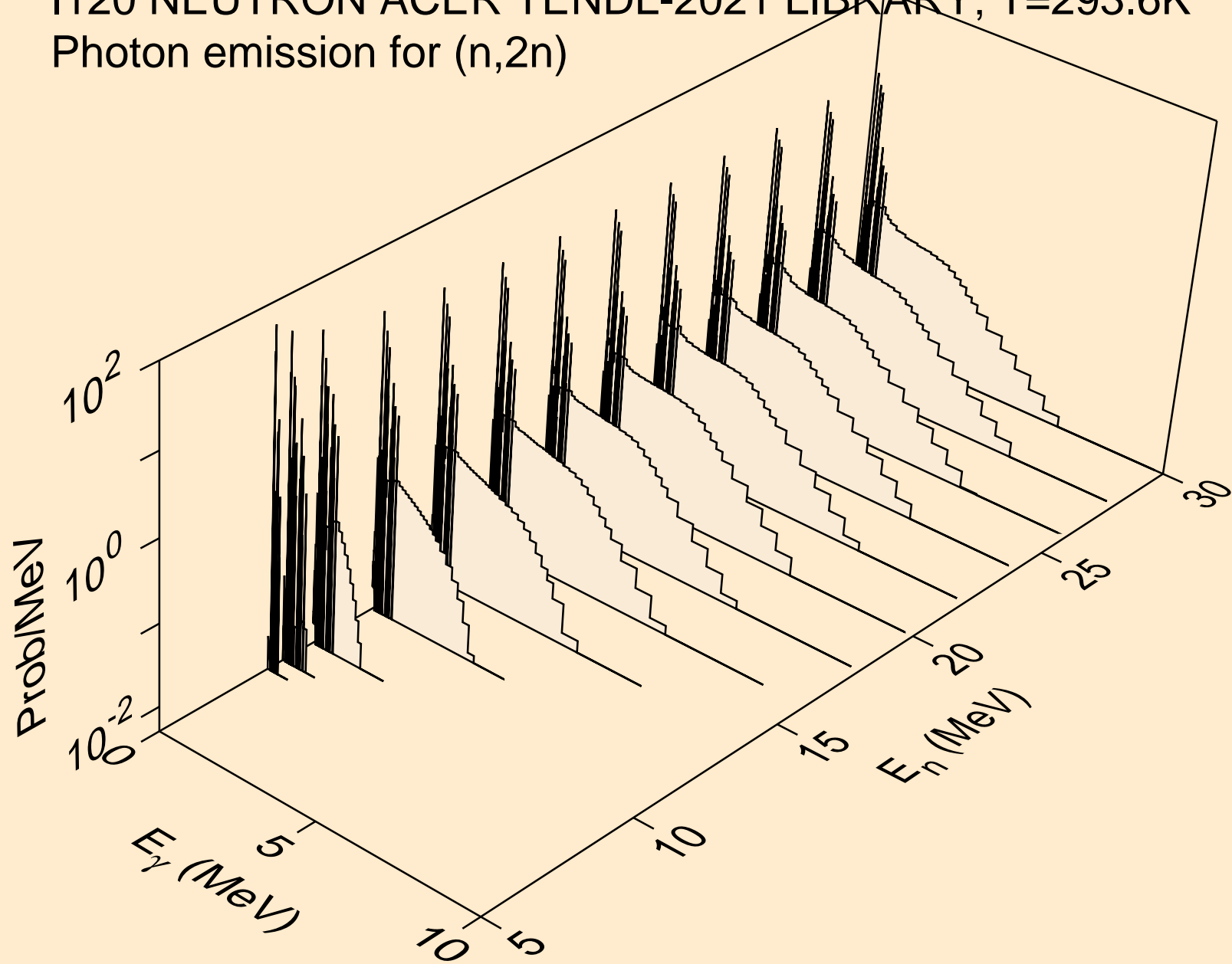
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



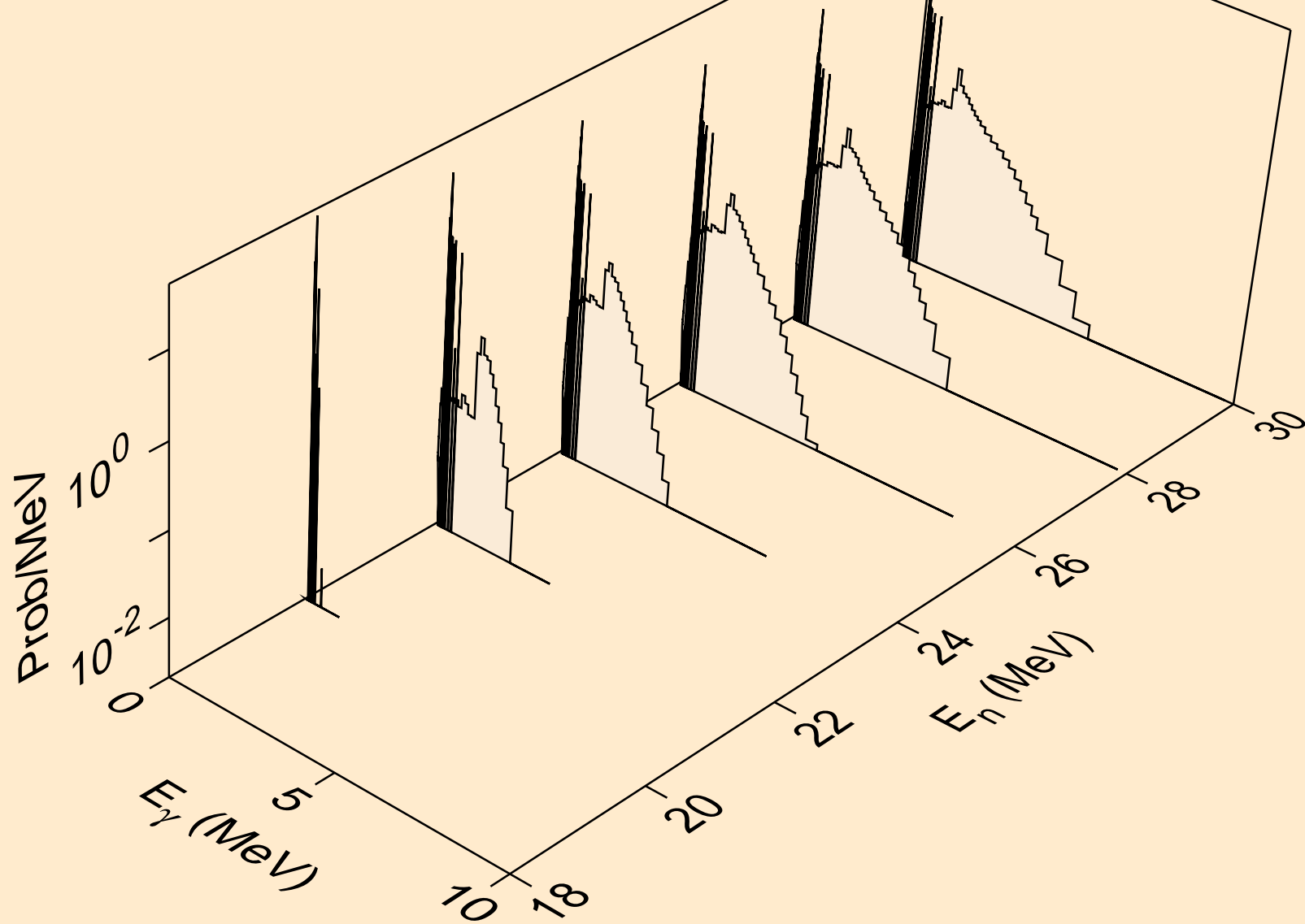
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



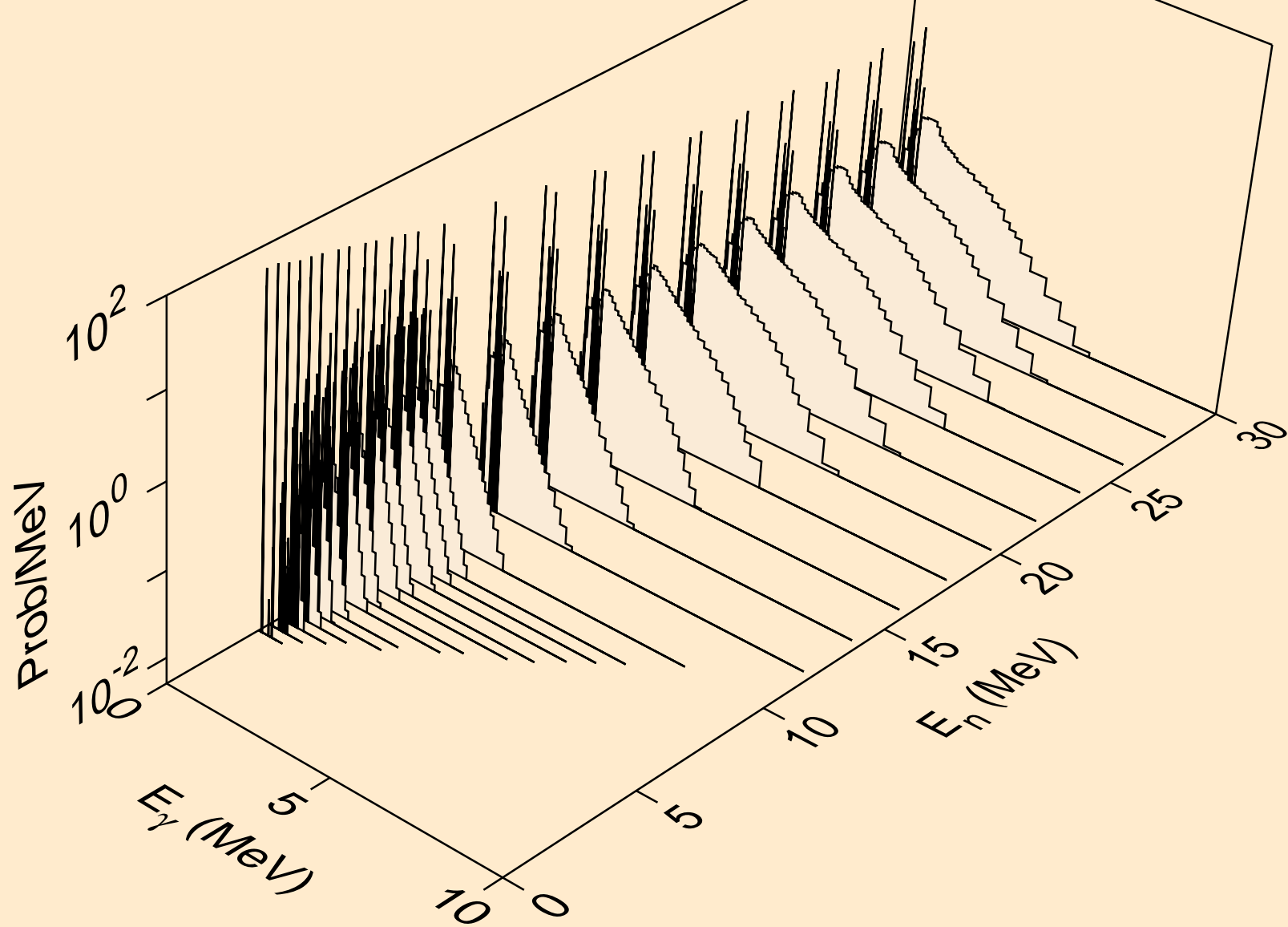
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Photon emission for (n,2n)



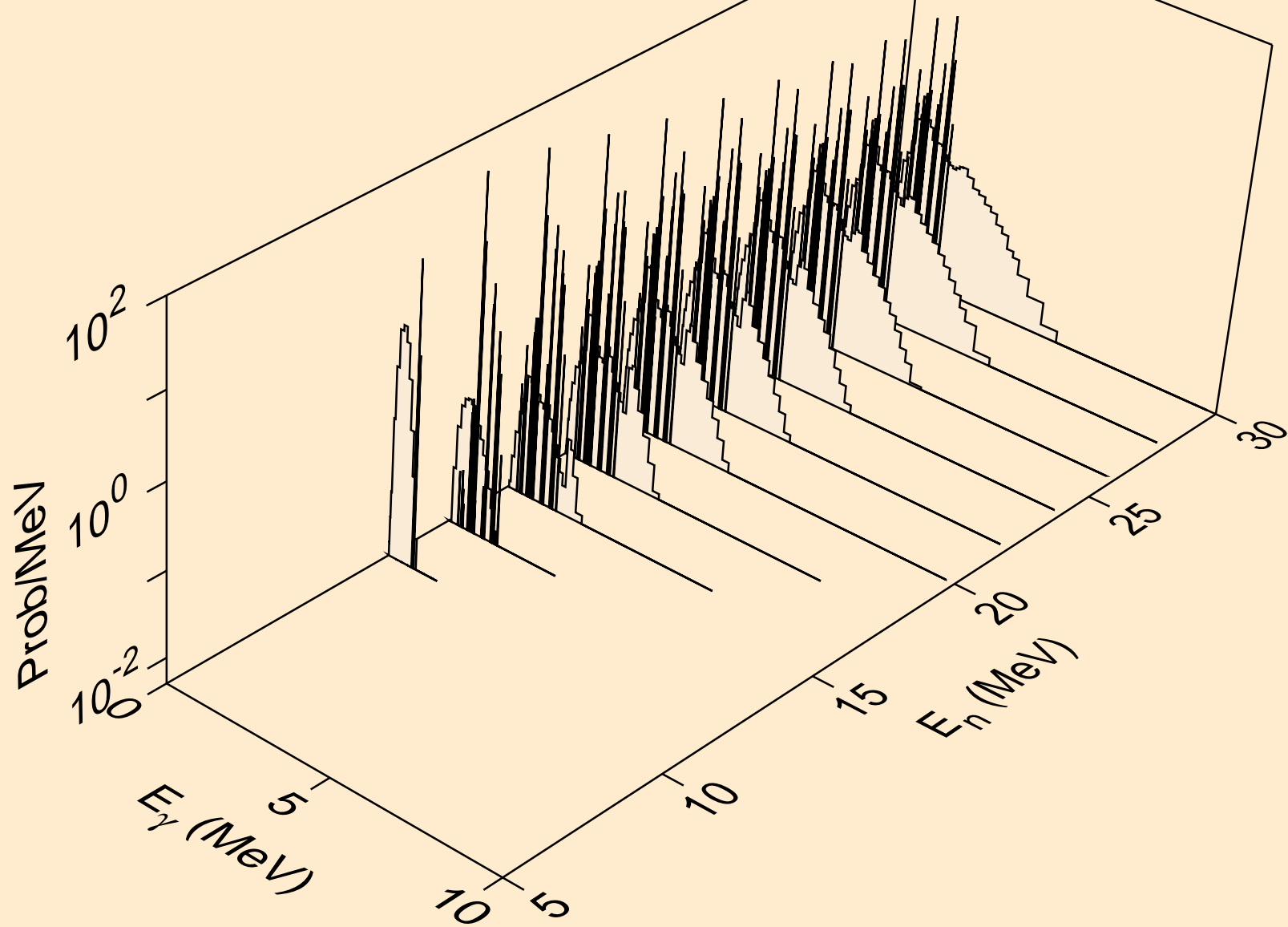
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Photon emission for (n,3n)



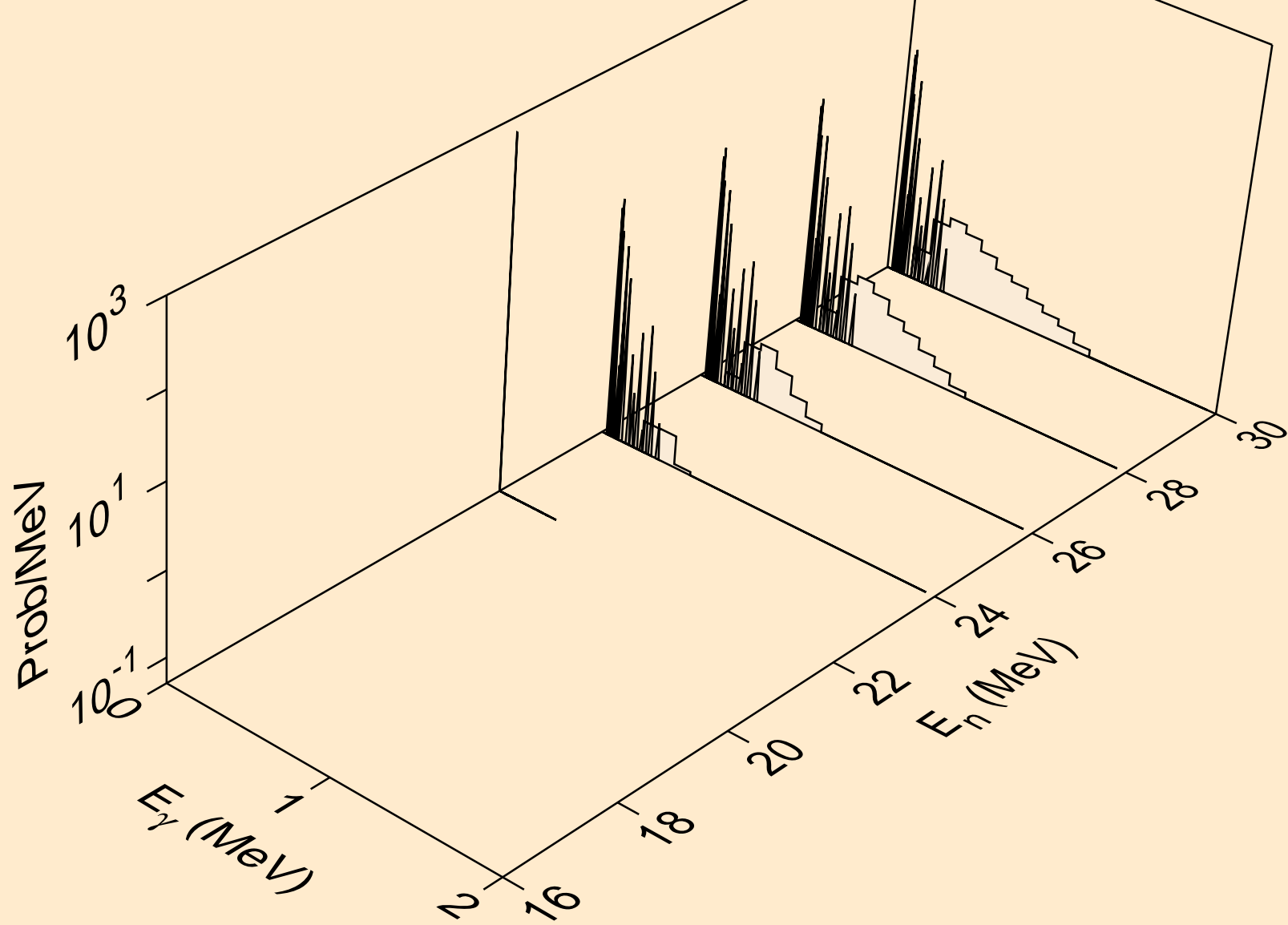
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



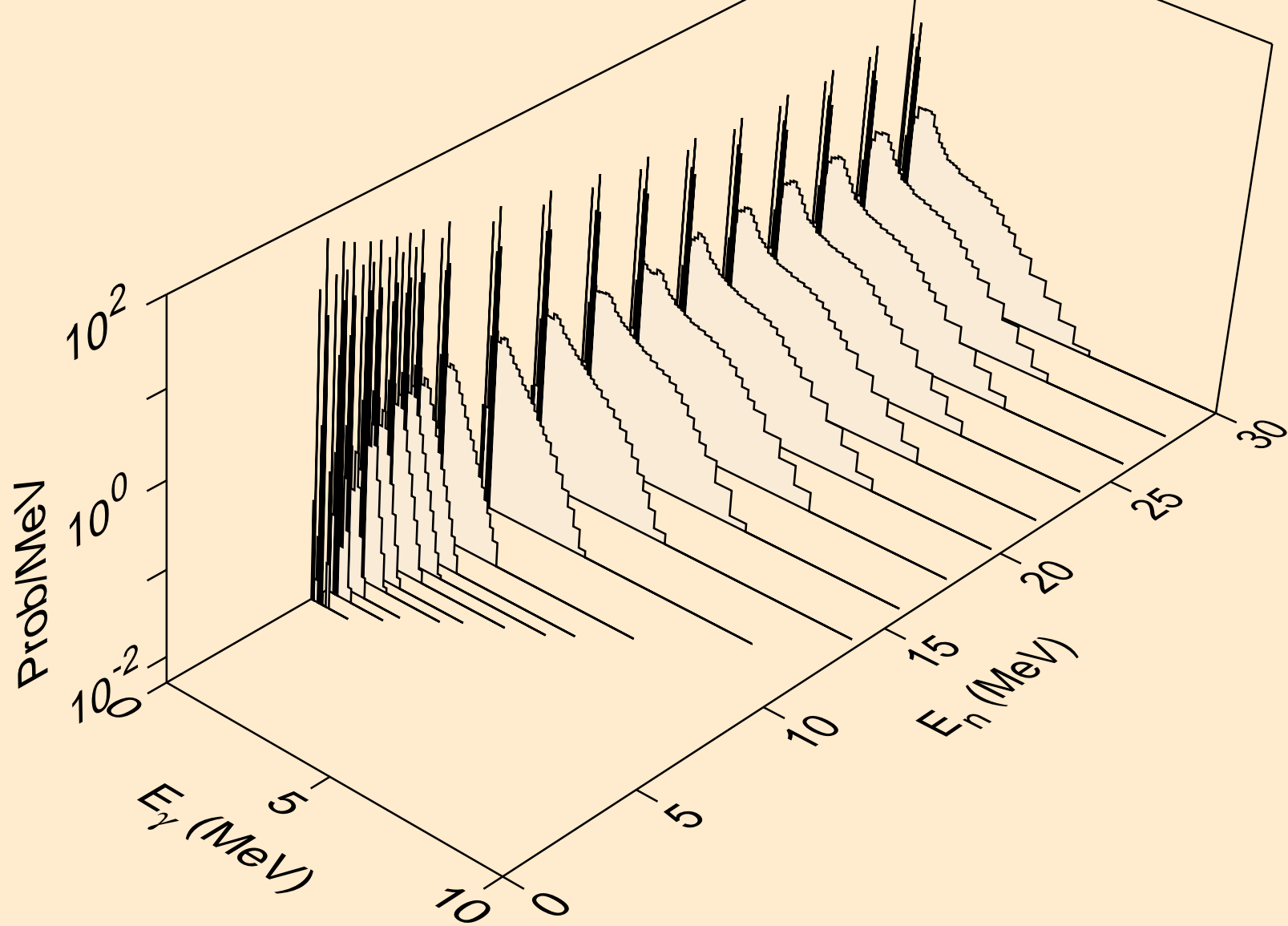
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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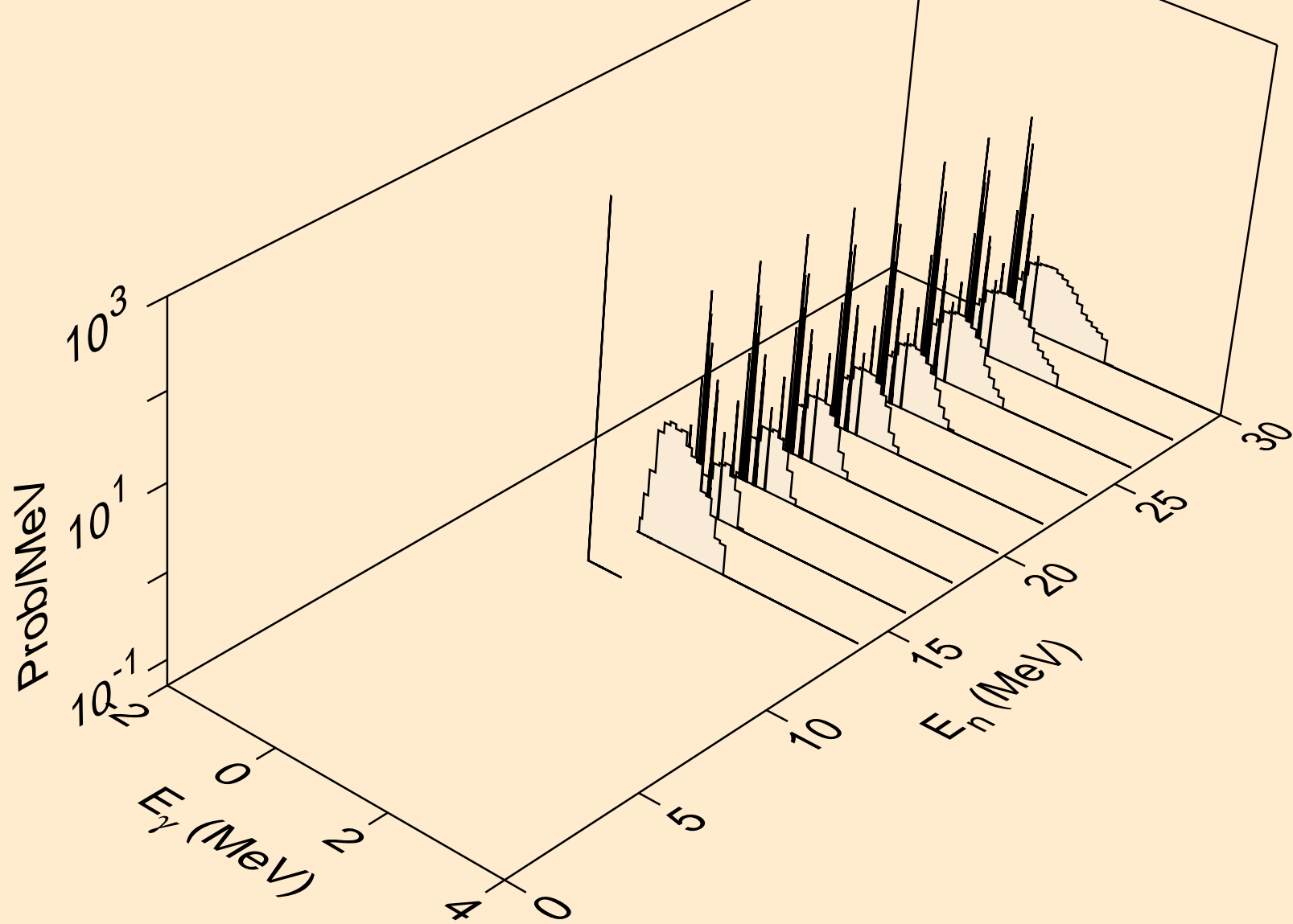


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

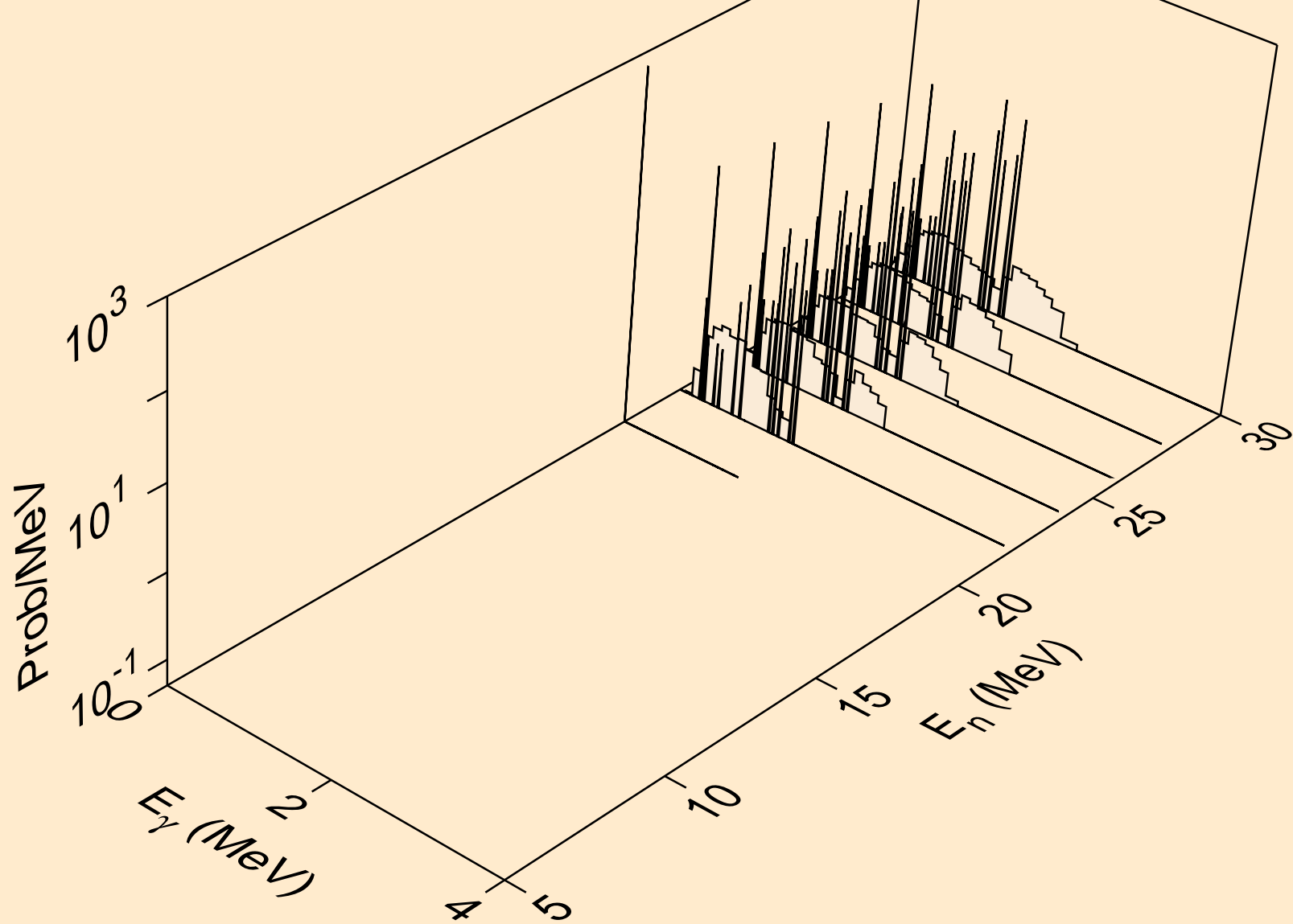




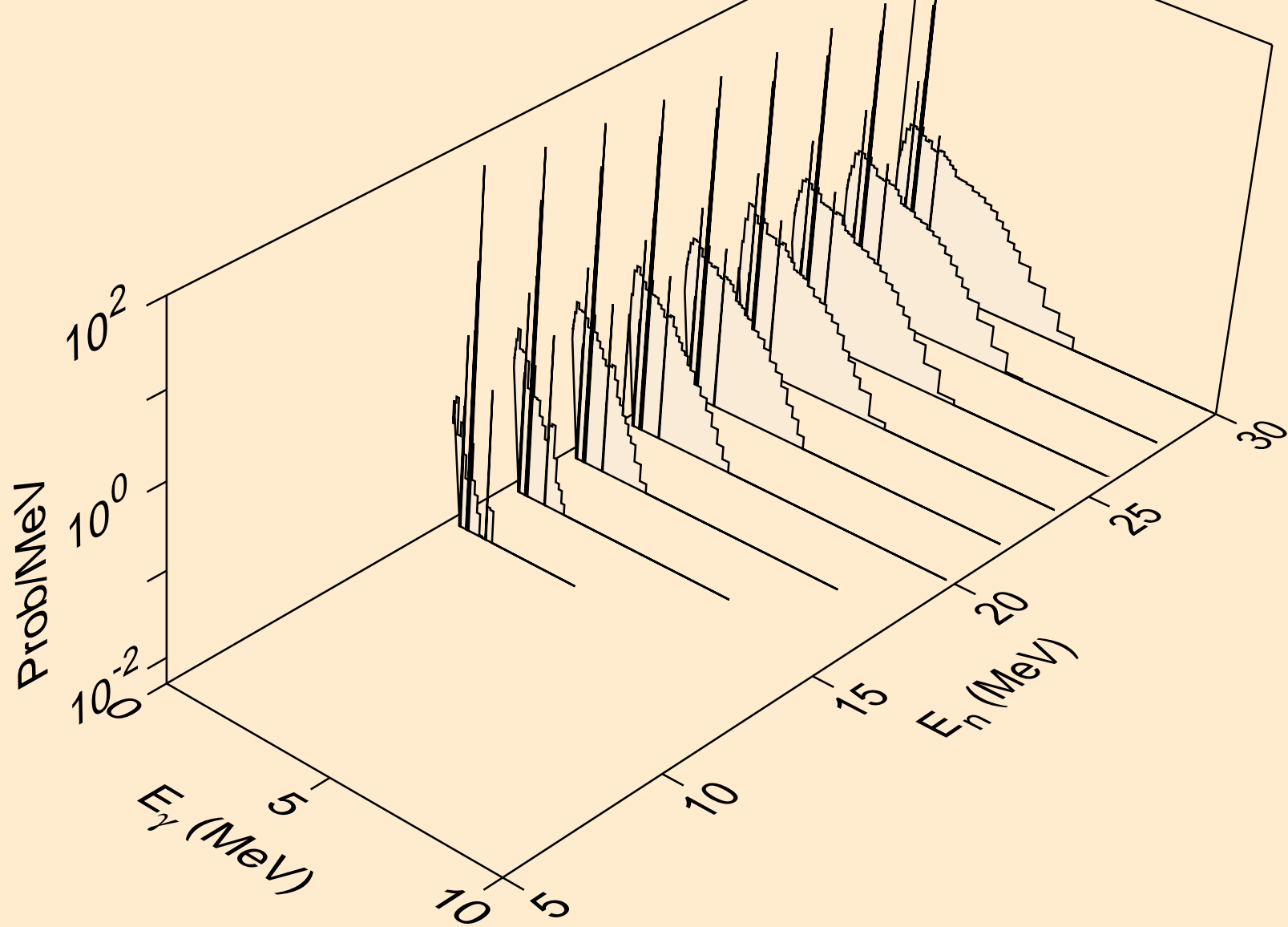
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Photon emission for (n,n\*)2a



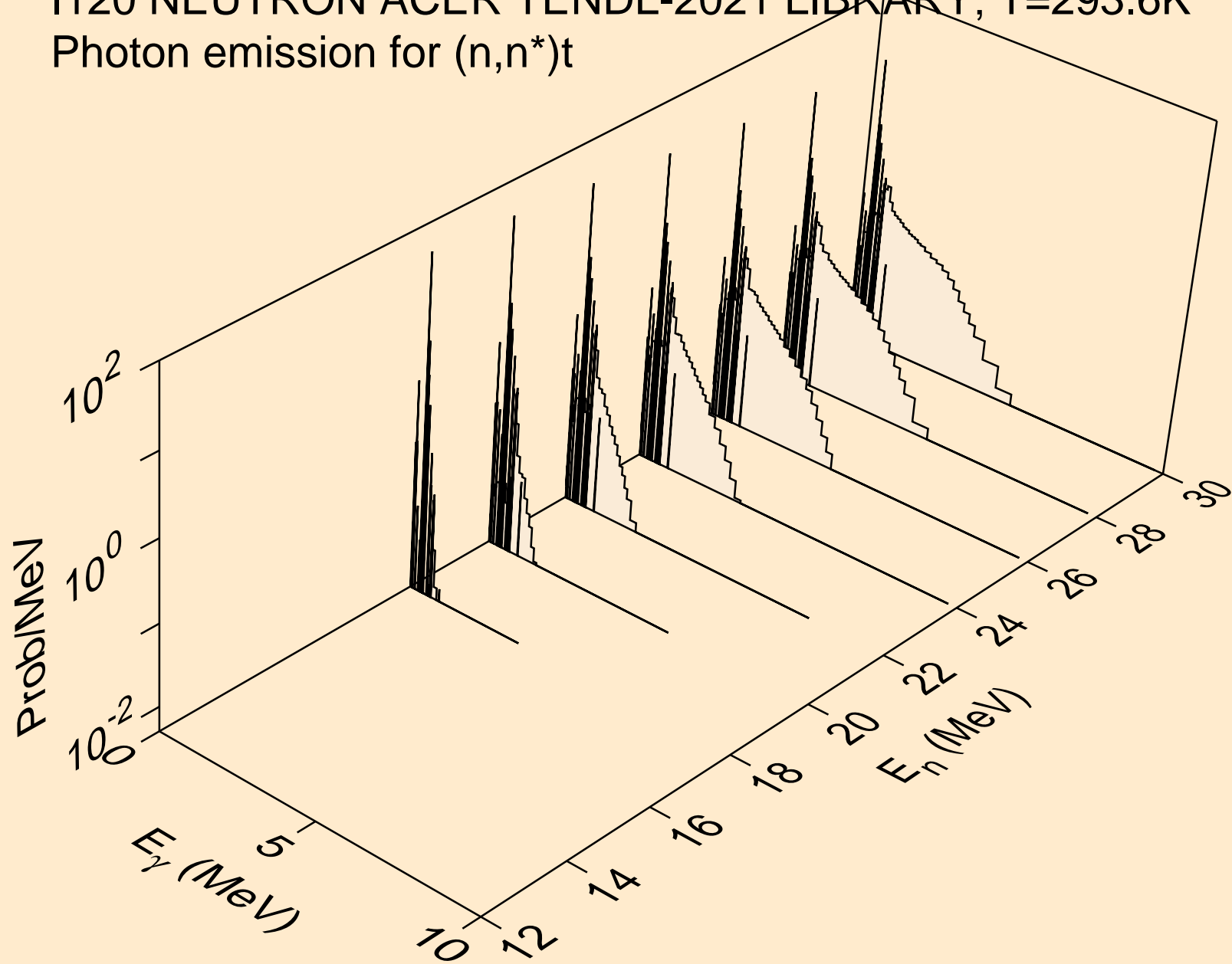
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Photon emission for (n,2n)2a



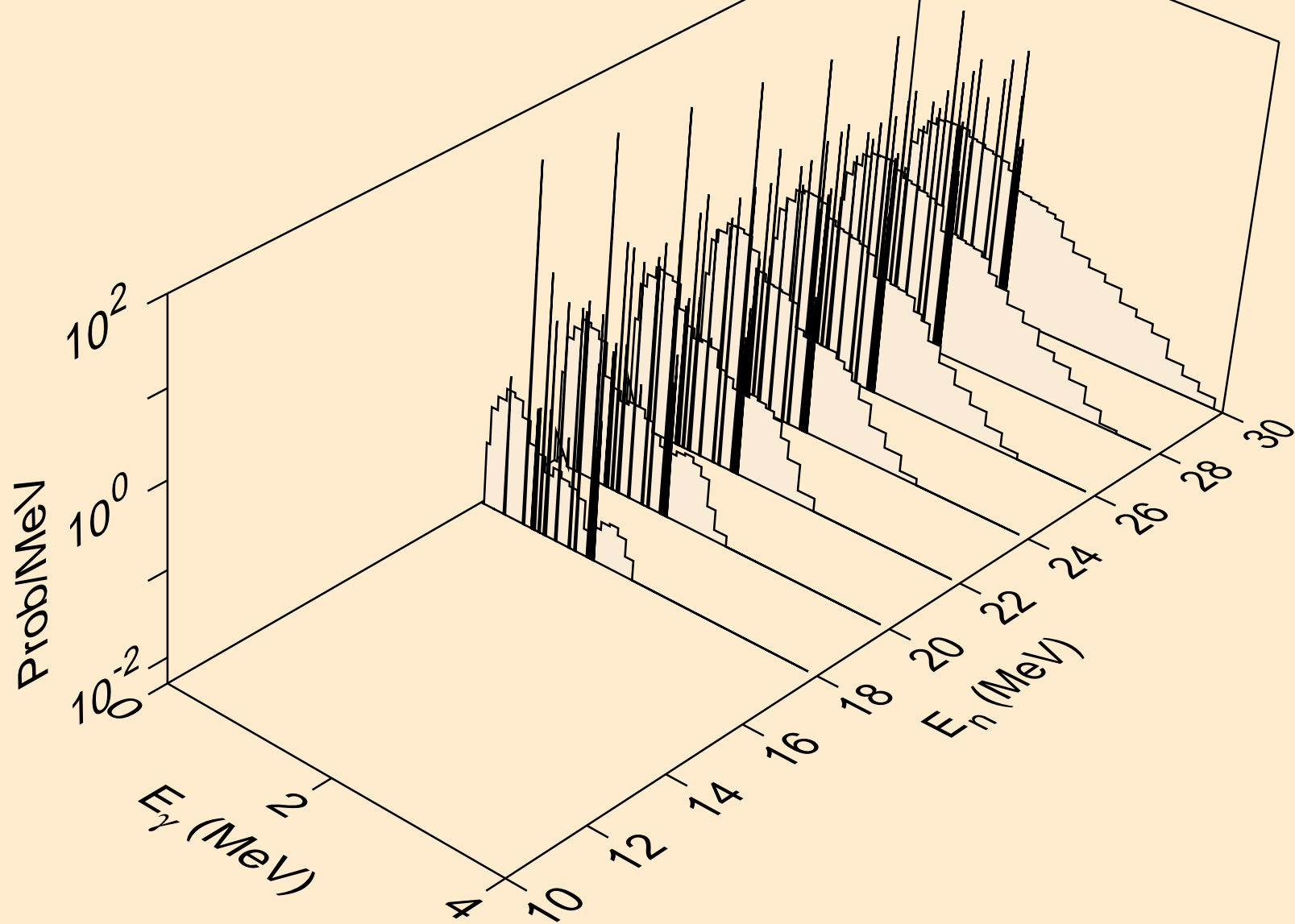
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



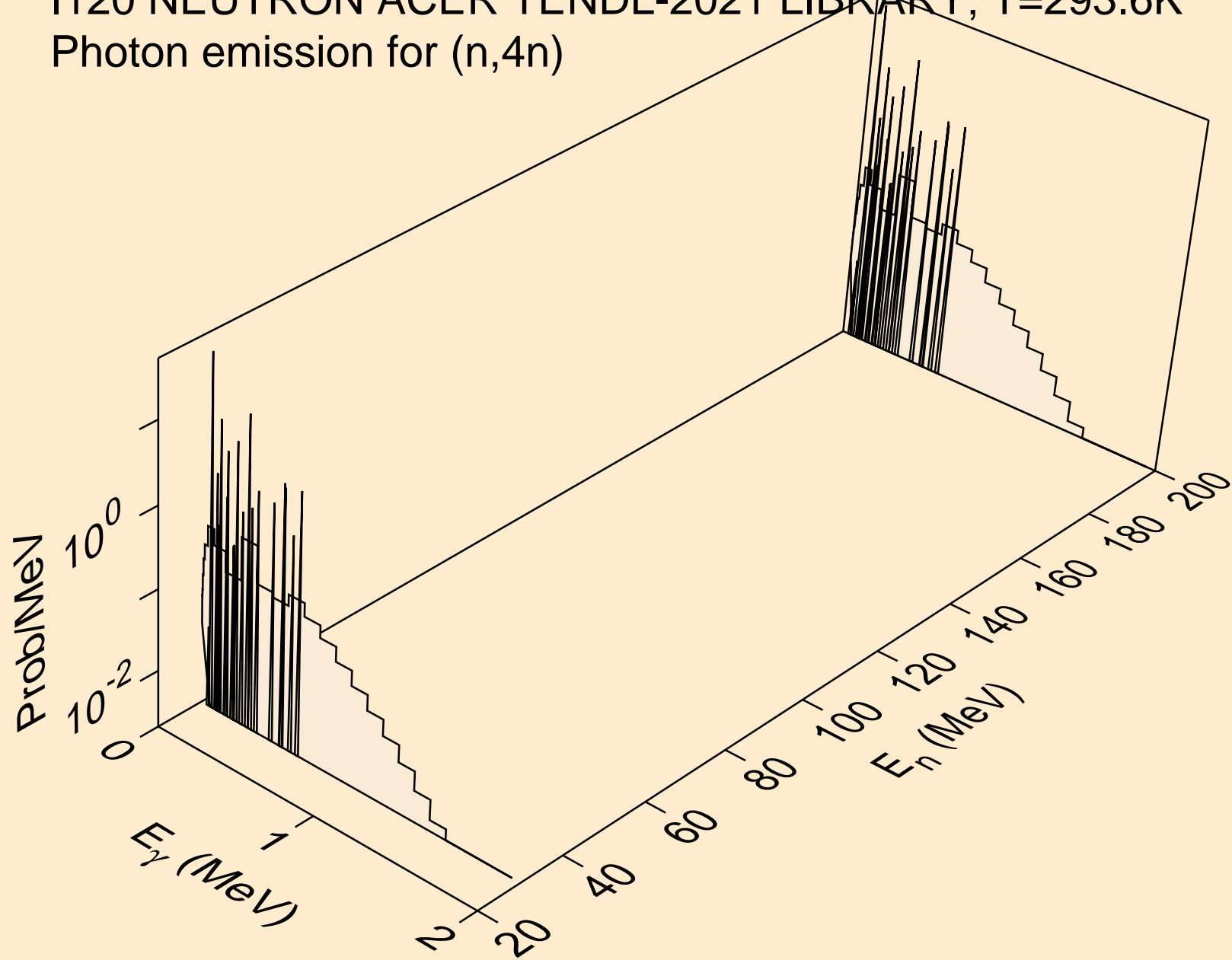
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Photon emission for (n,n\*)t



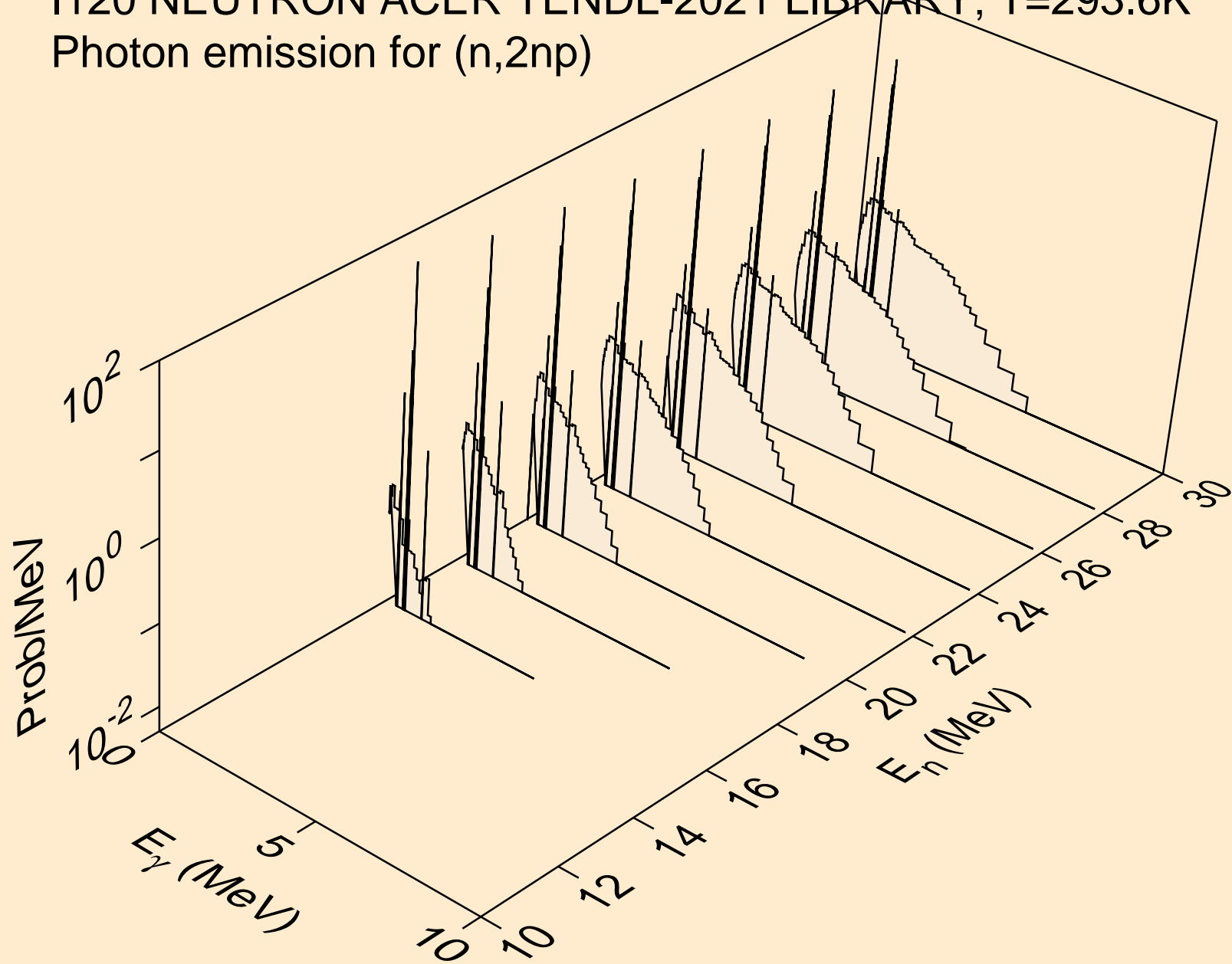
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Photon emission for (n,n\*)he3



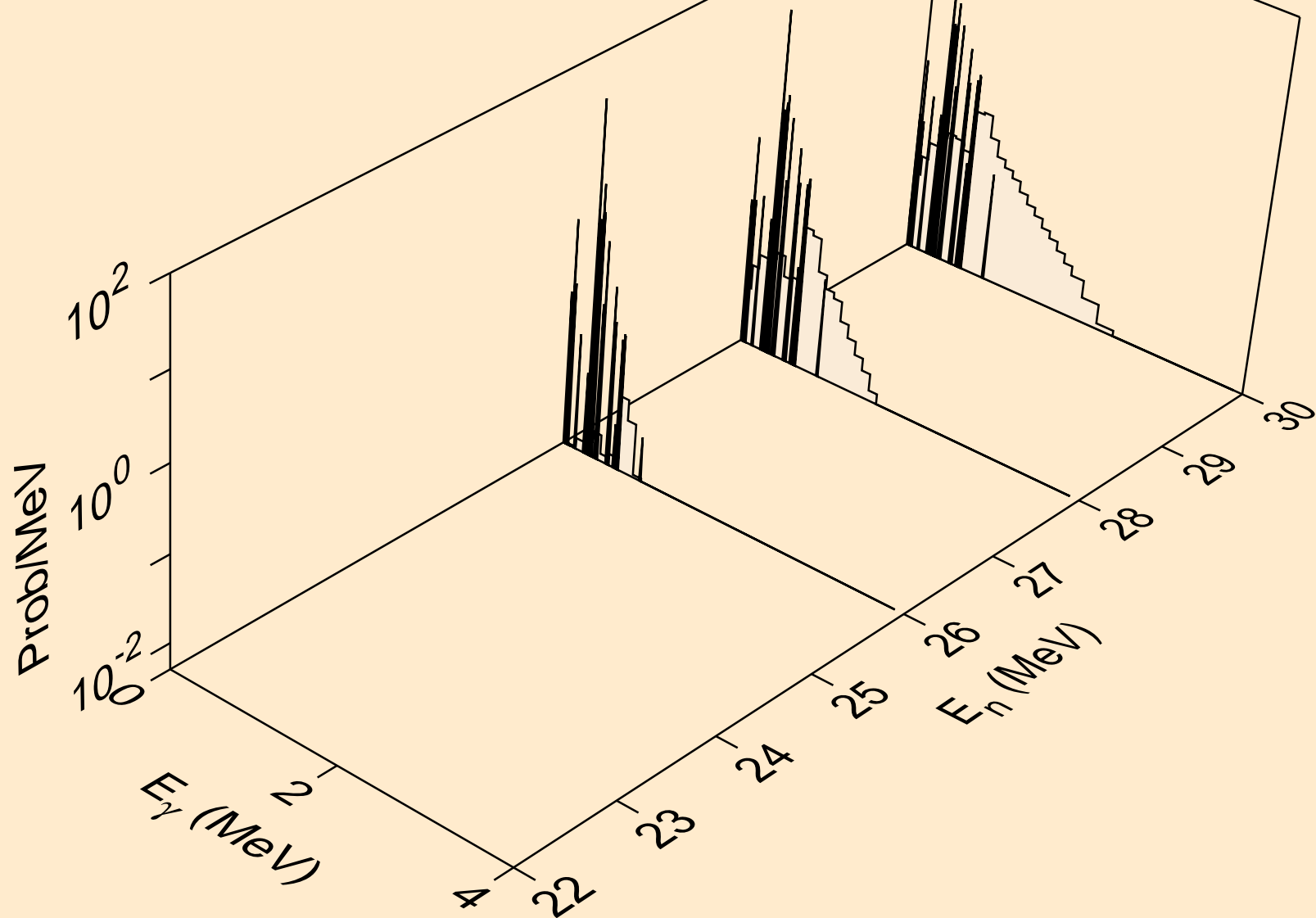
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

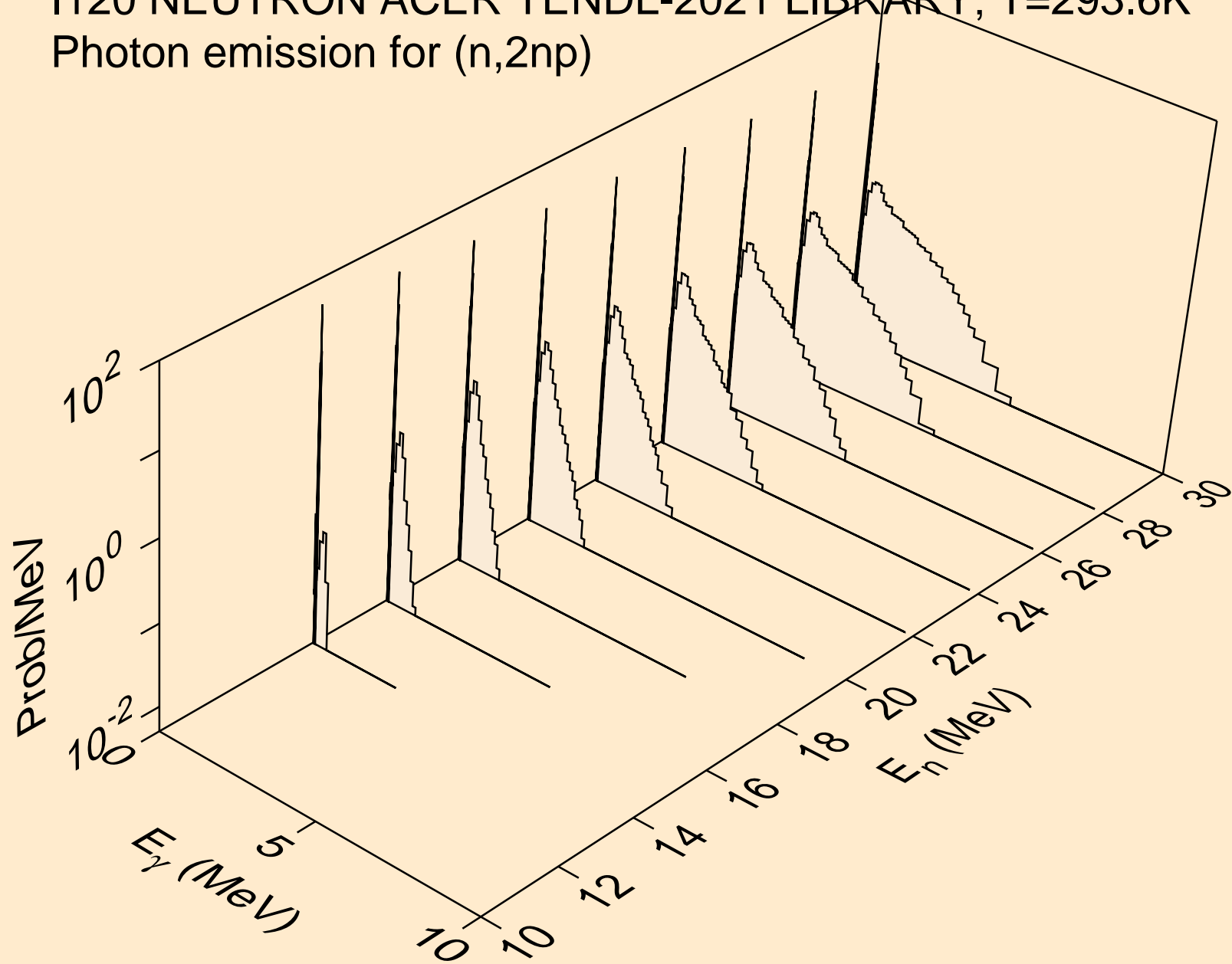


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Photon emission for (n,3np)

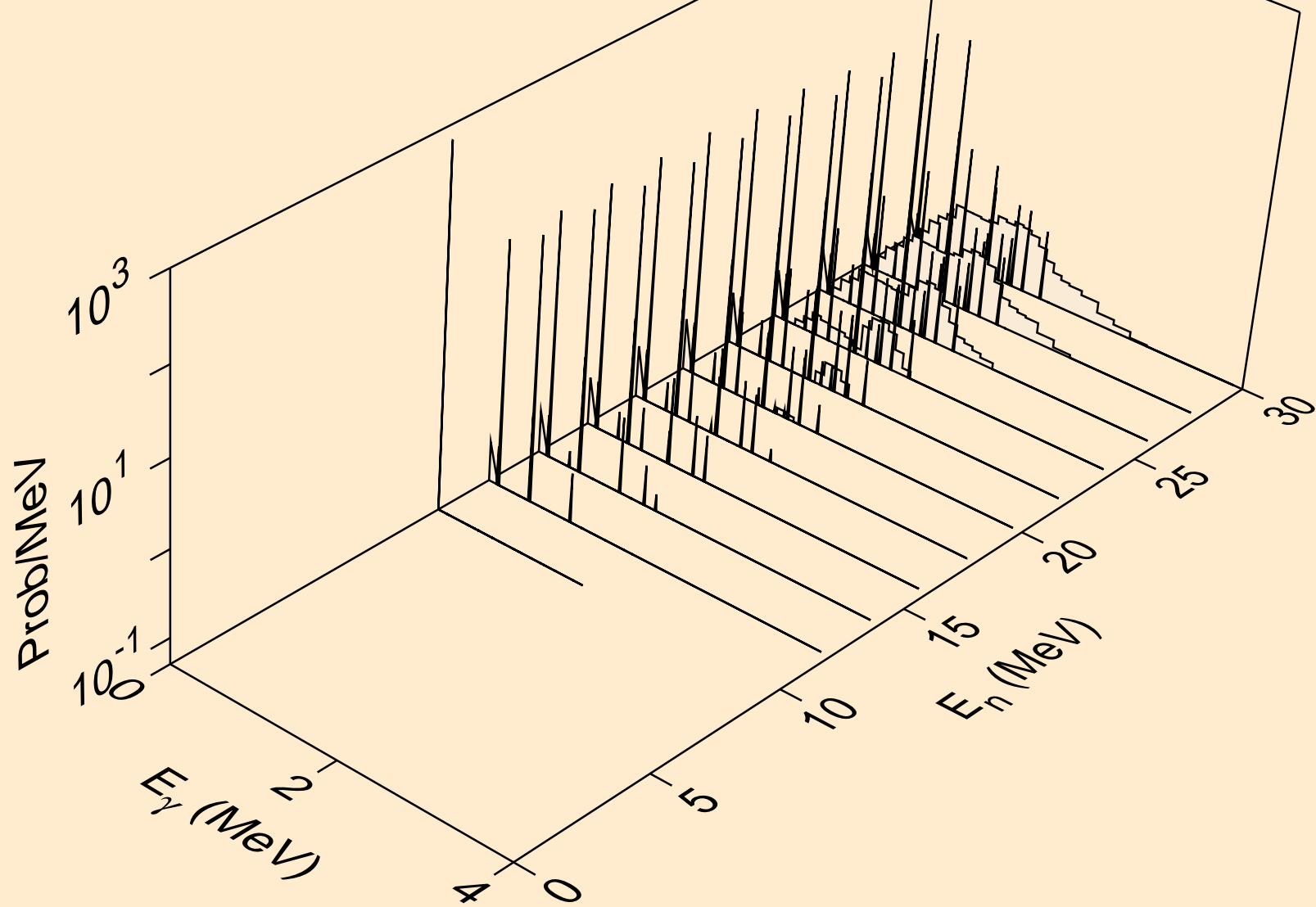




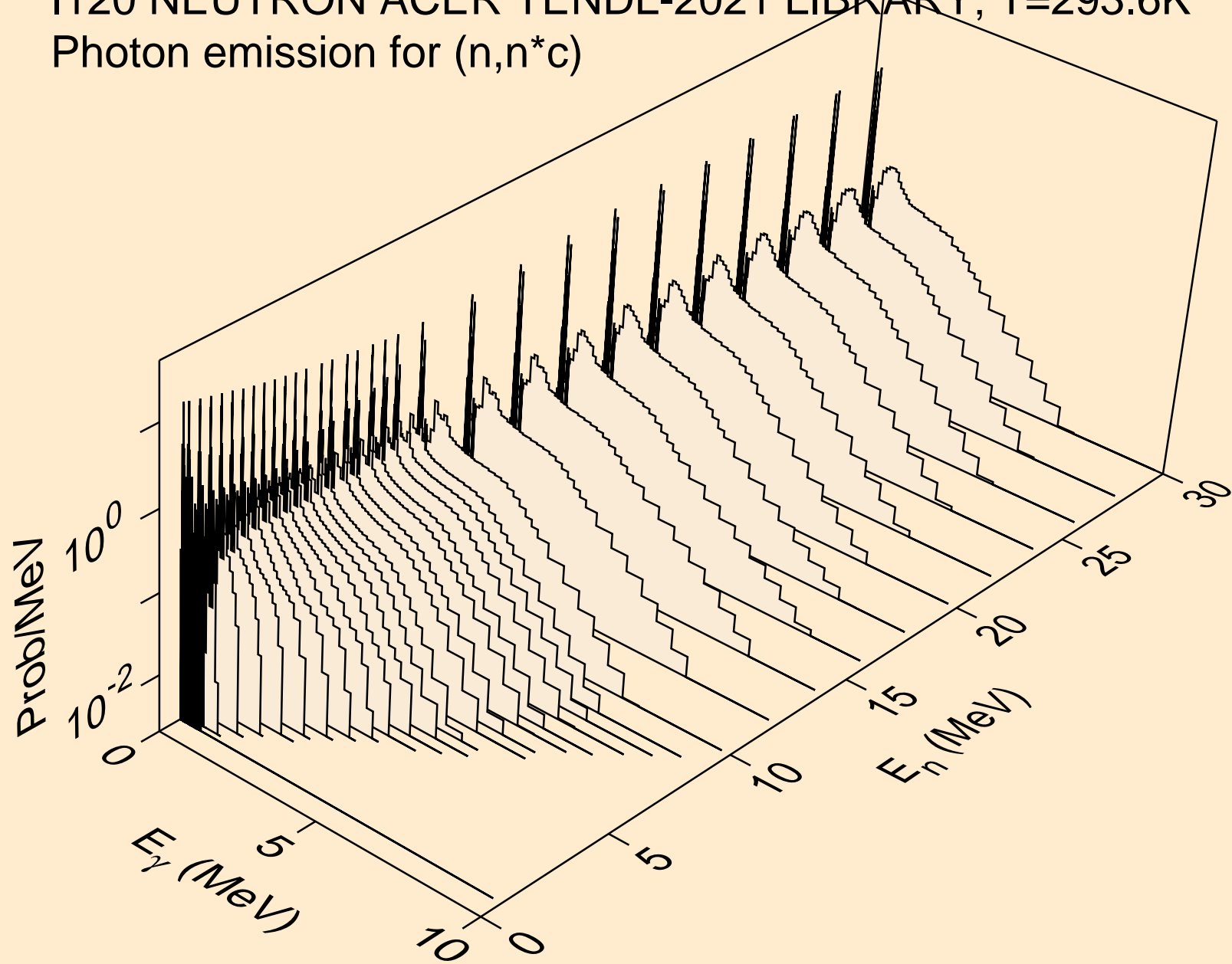
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Photon emission for (n,2np)



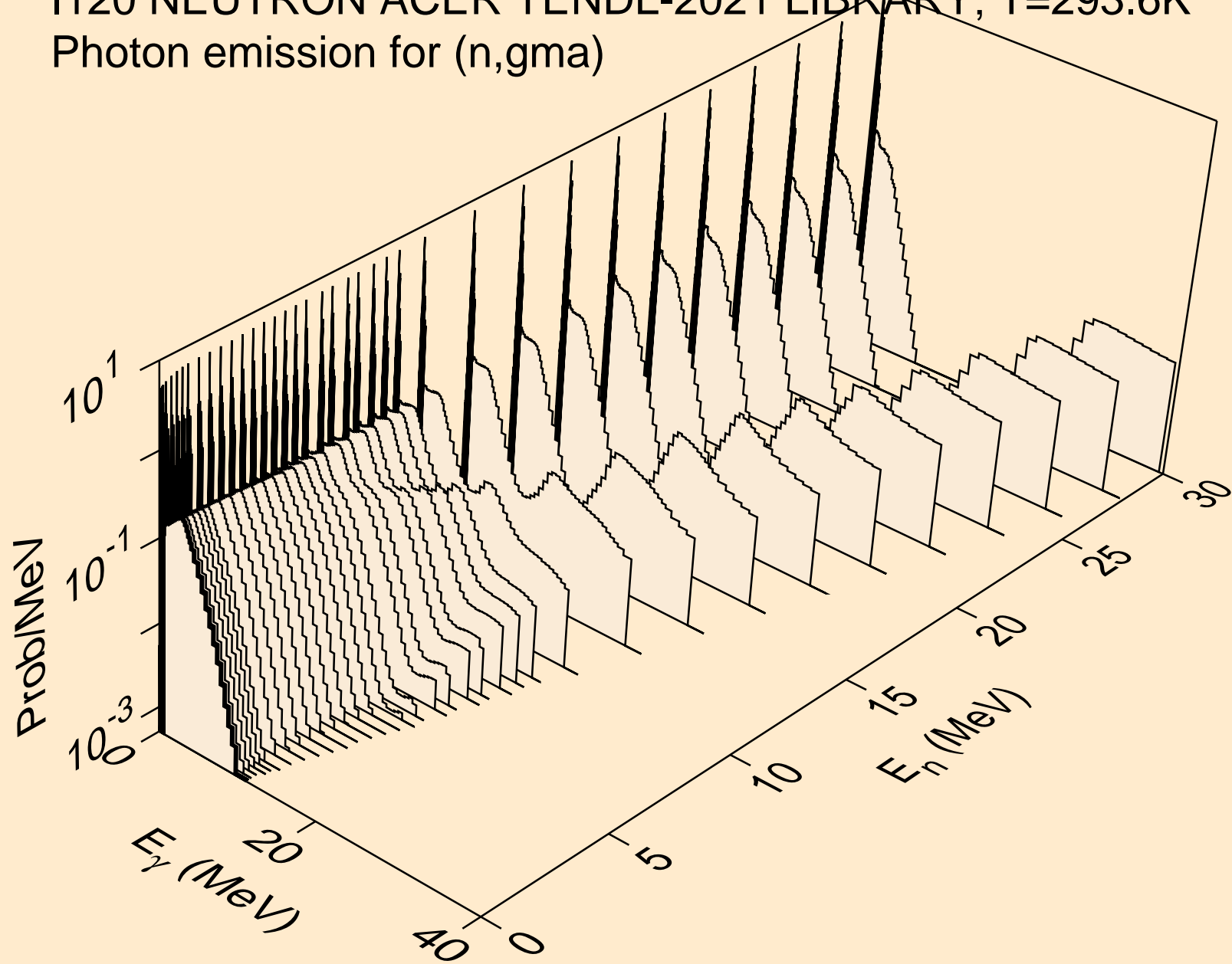
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Photon emission for (n,npa)



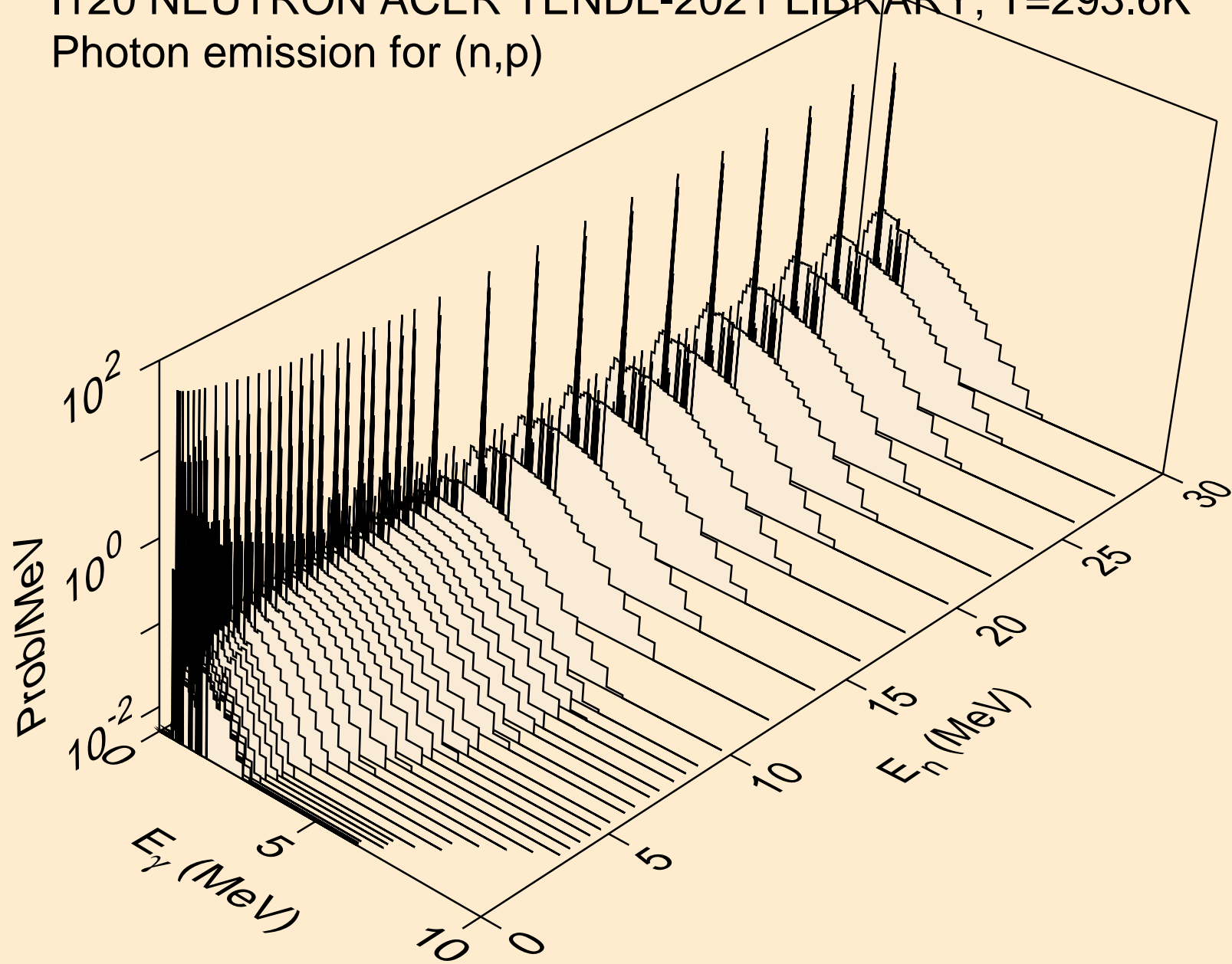
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Photon emission for (n,n\*c)



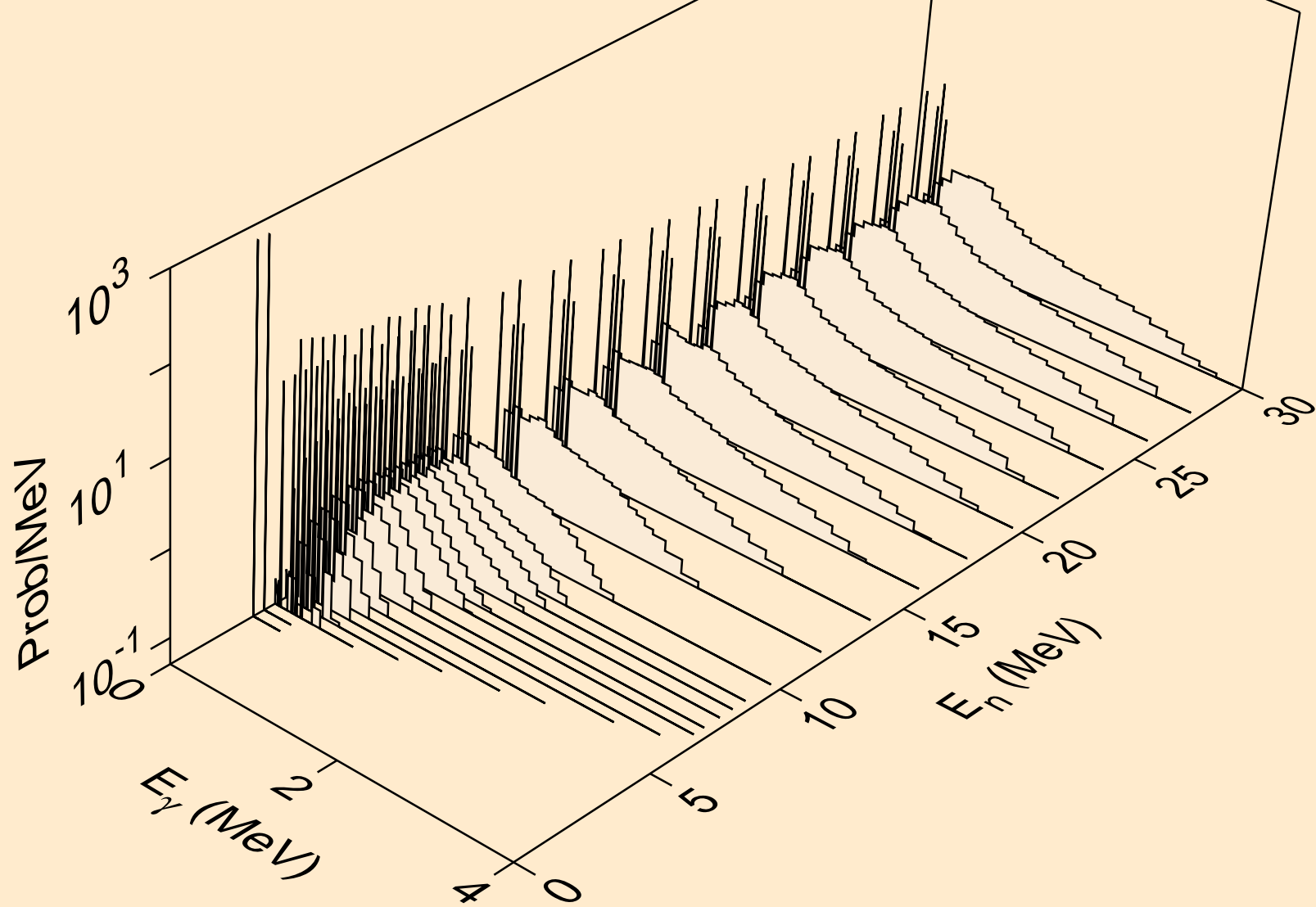
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Photon emission for (n,gma)



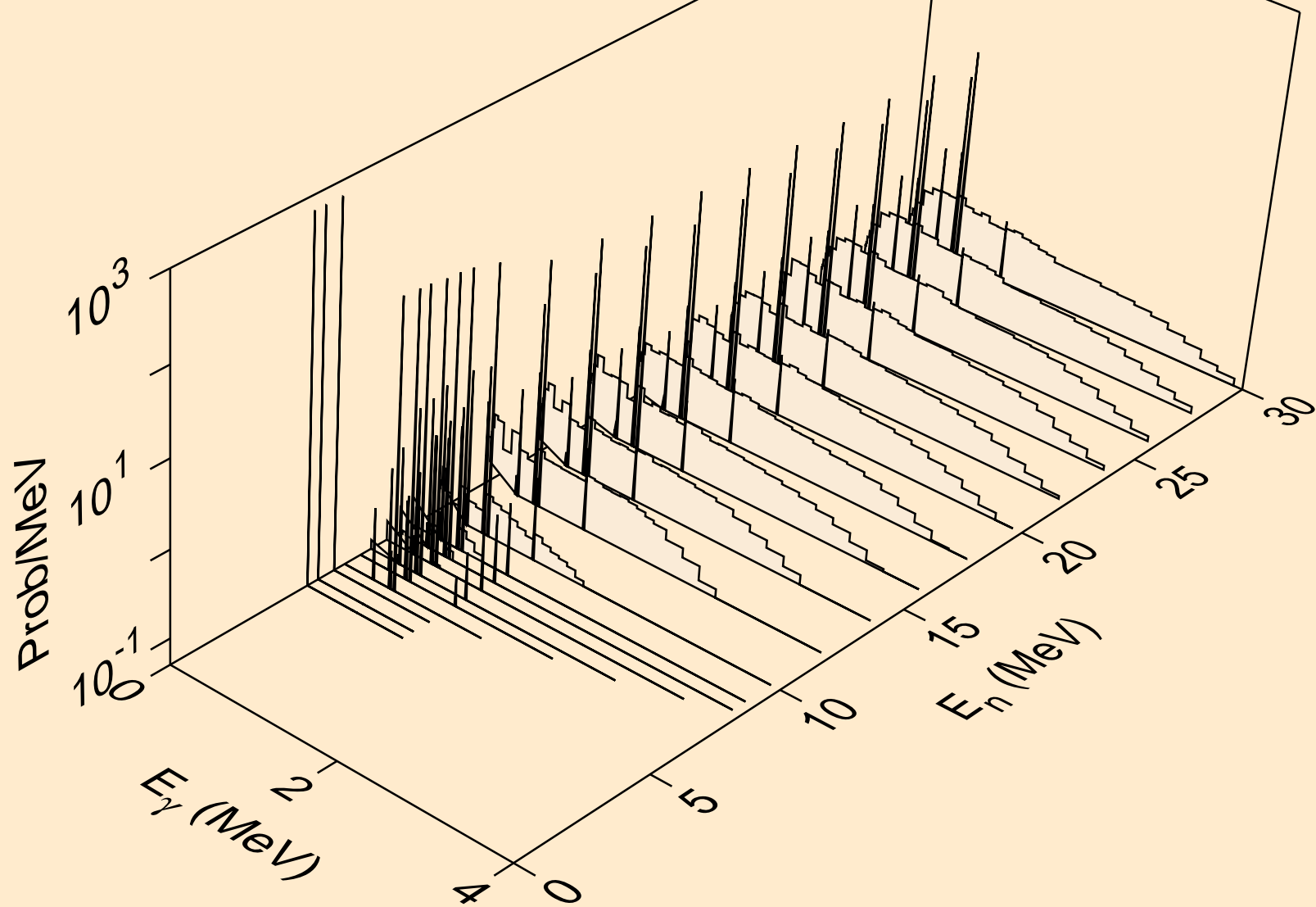
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Photon emission for (n,p)



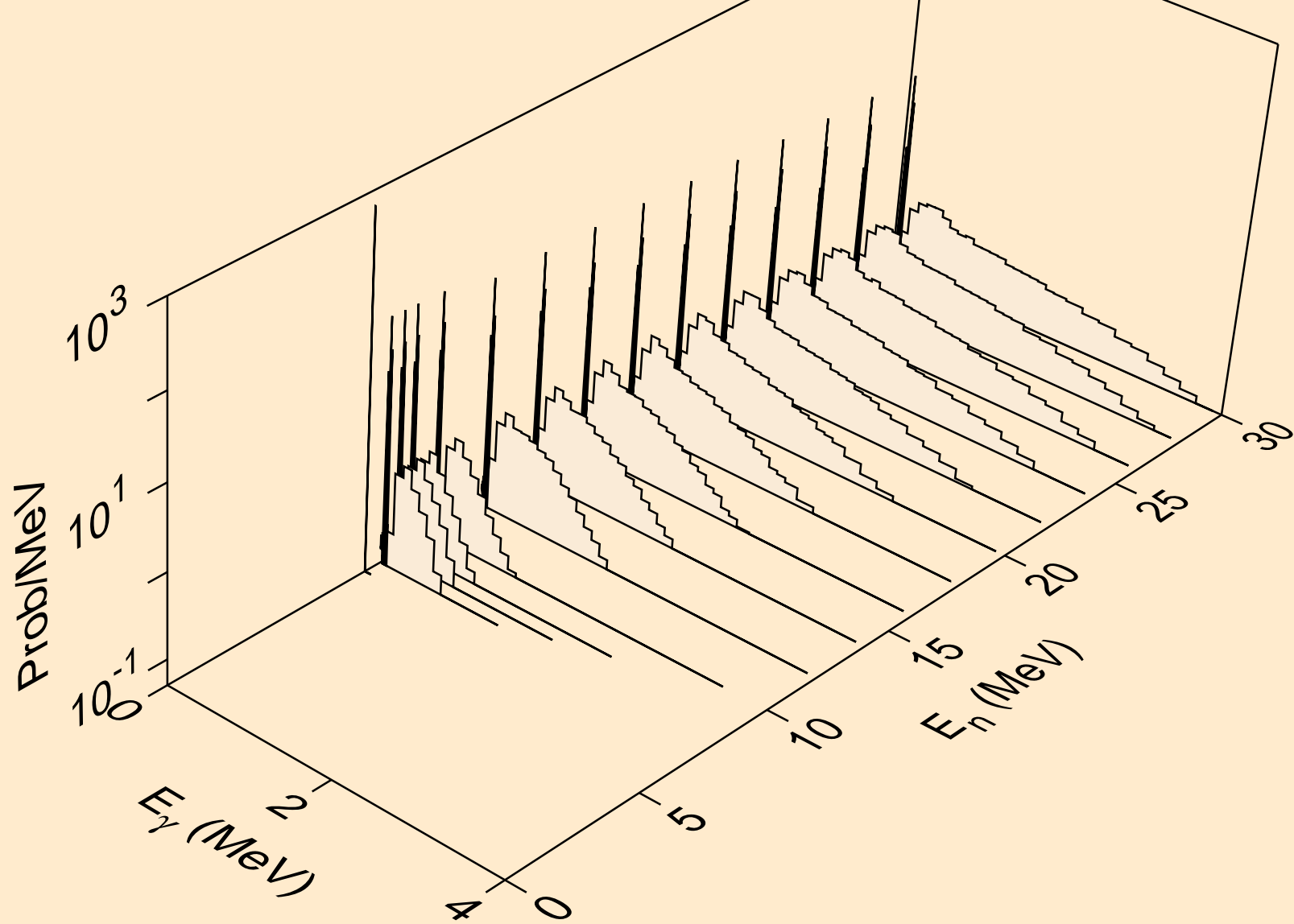
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

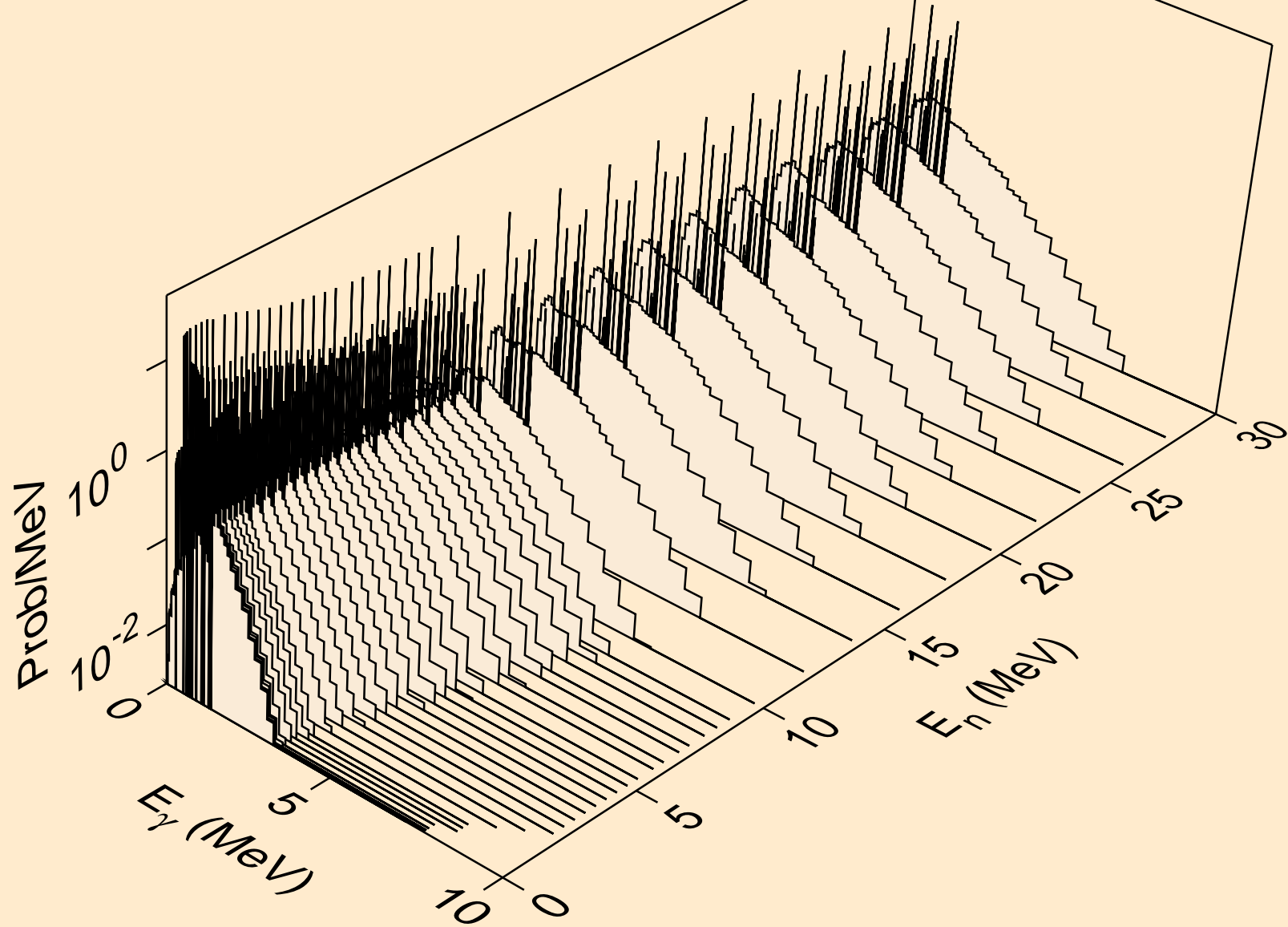


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Photon emission for (n,he3)

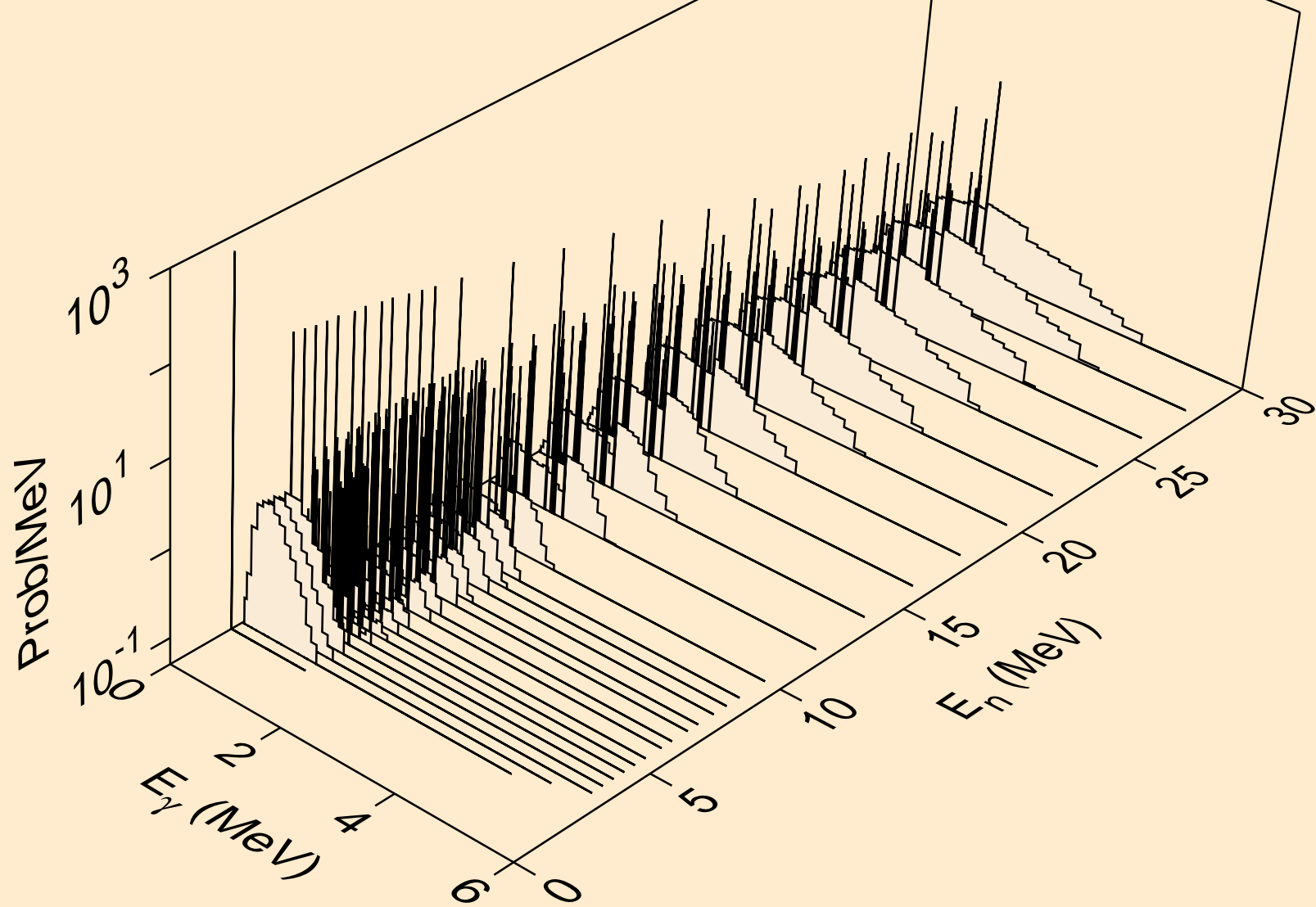




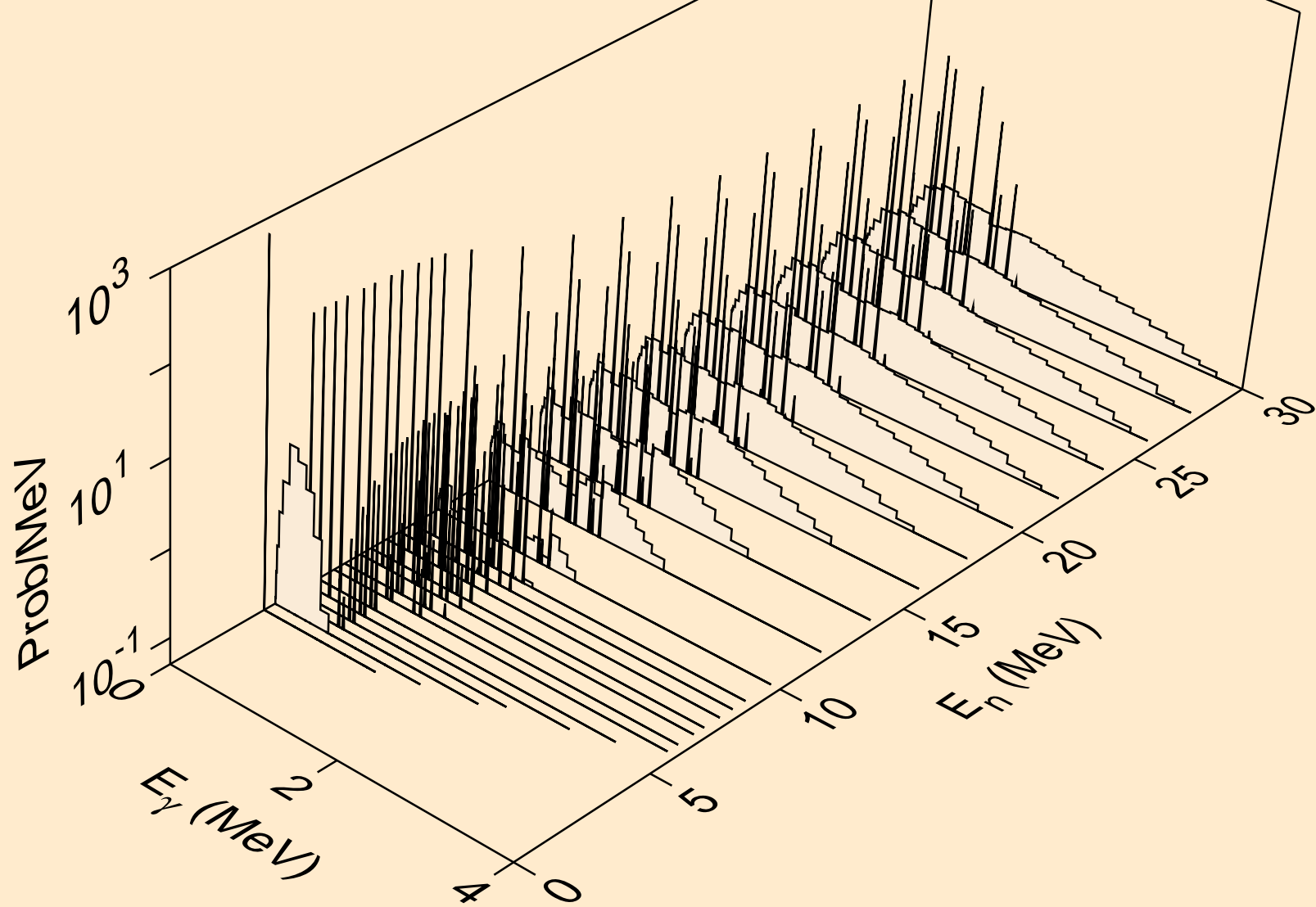
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Photon emission for (n,a)



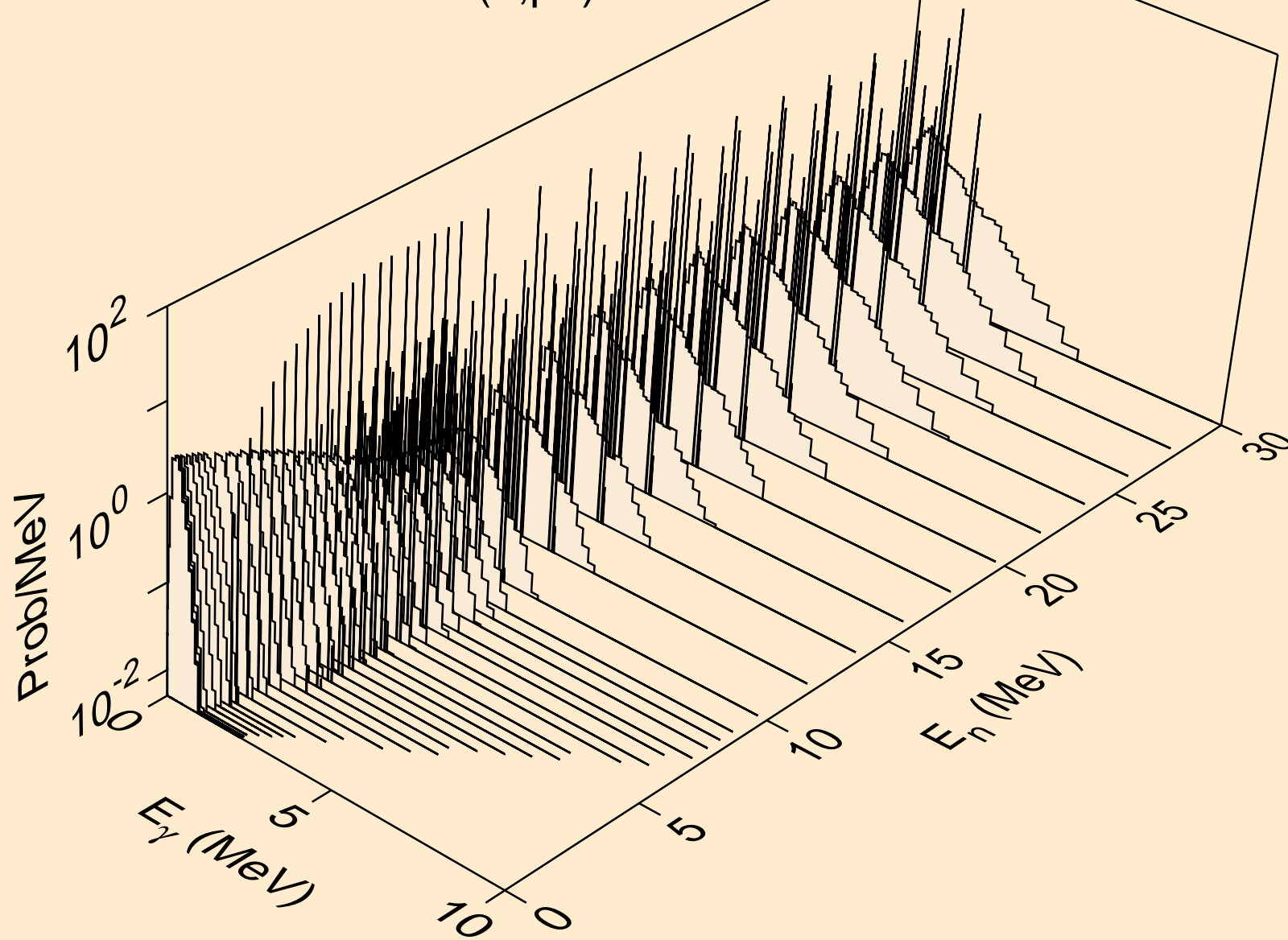
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Photon emission for (n,2a)



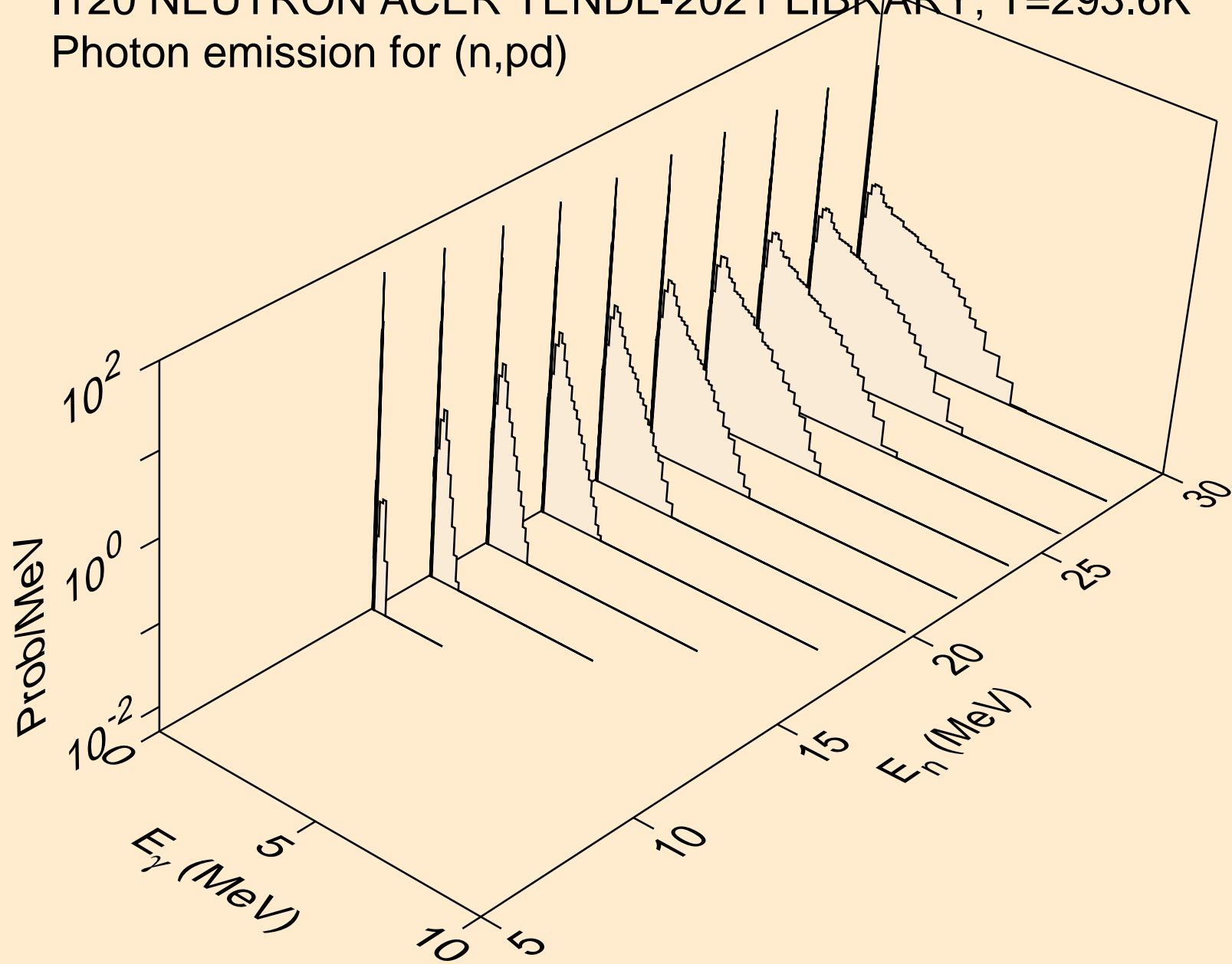
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Photon emission for (n,2p)



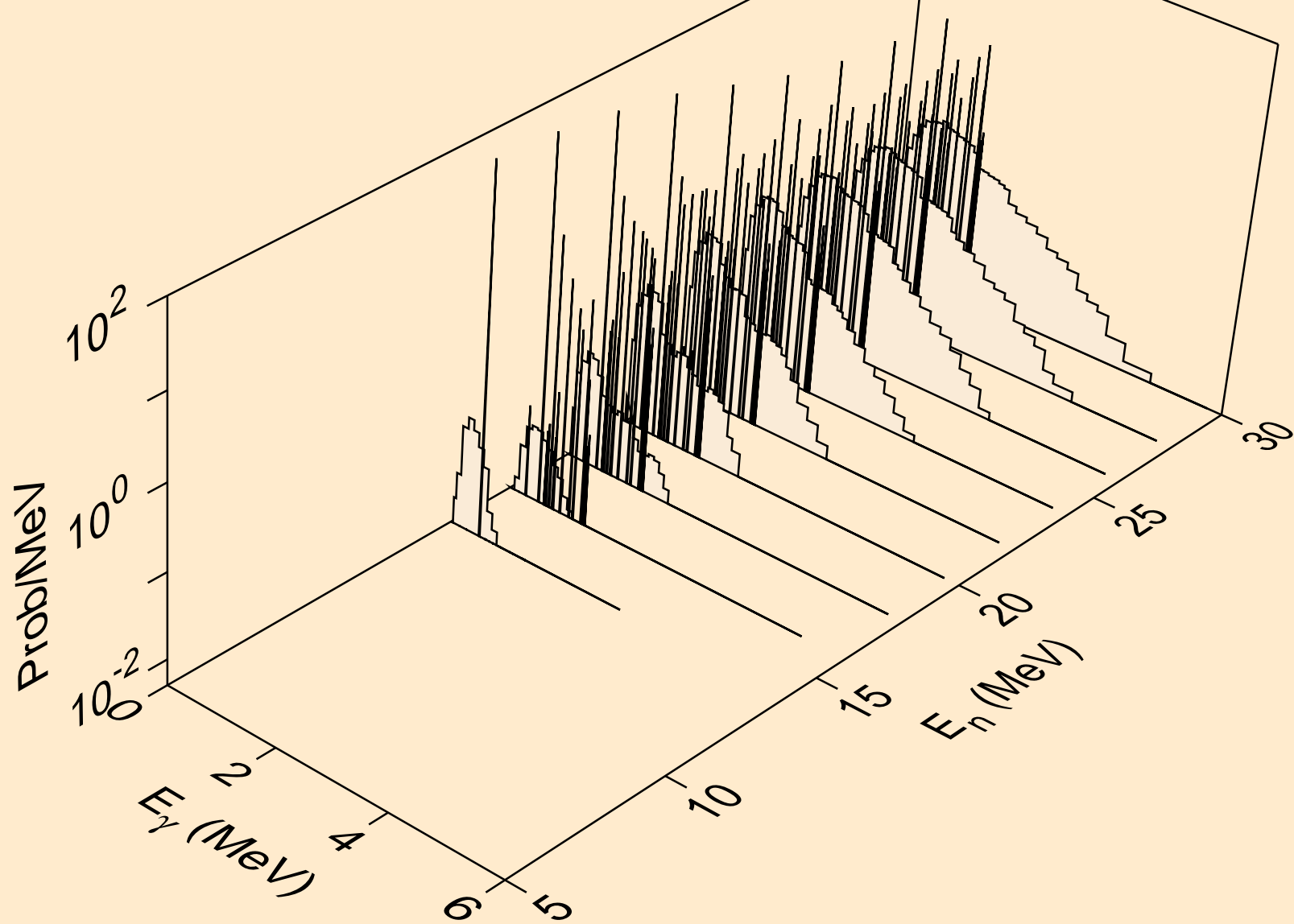
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Photon emission for (n,p $\alpha$ )



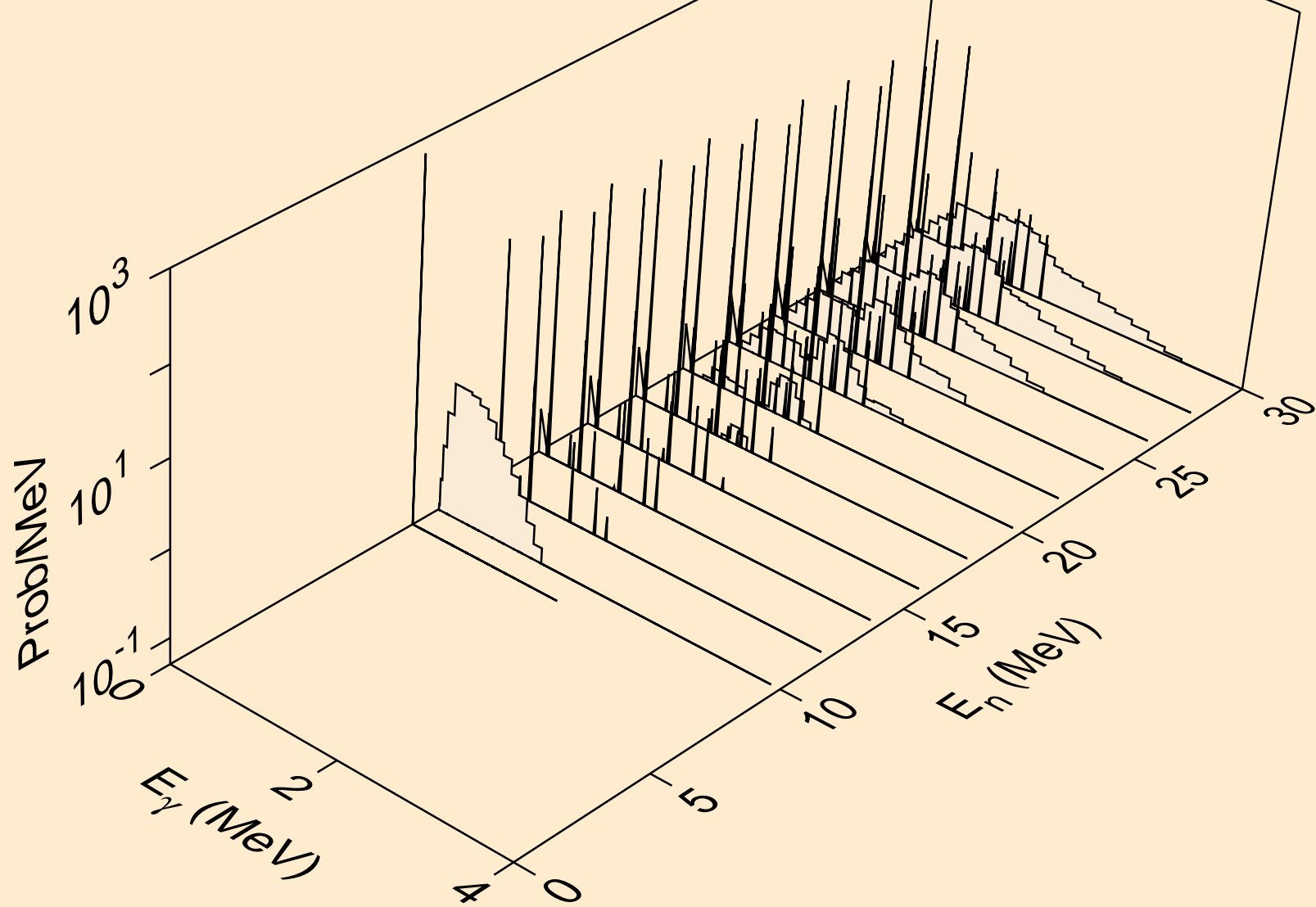
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Photon emission for (n,pd)



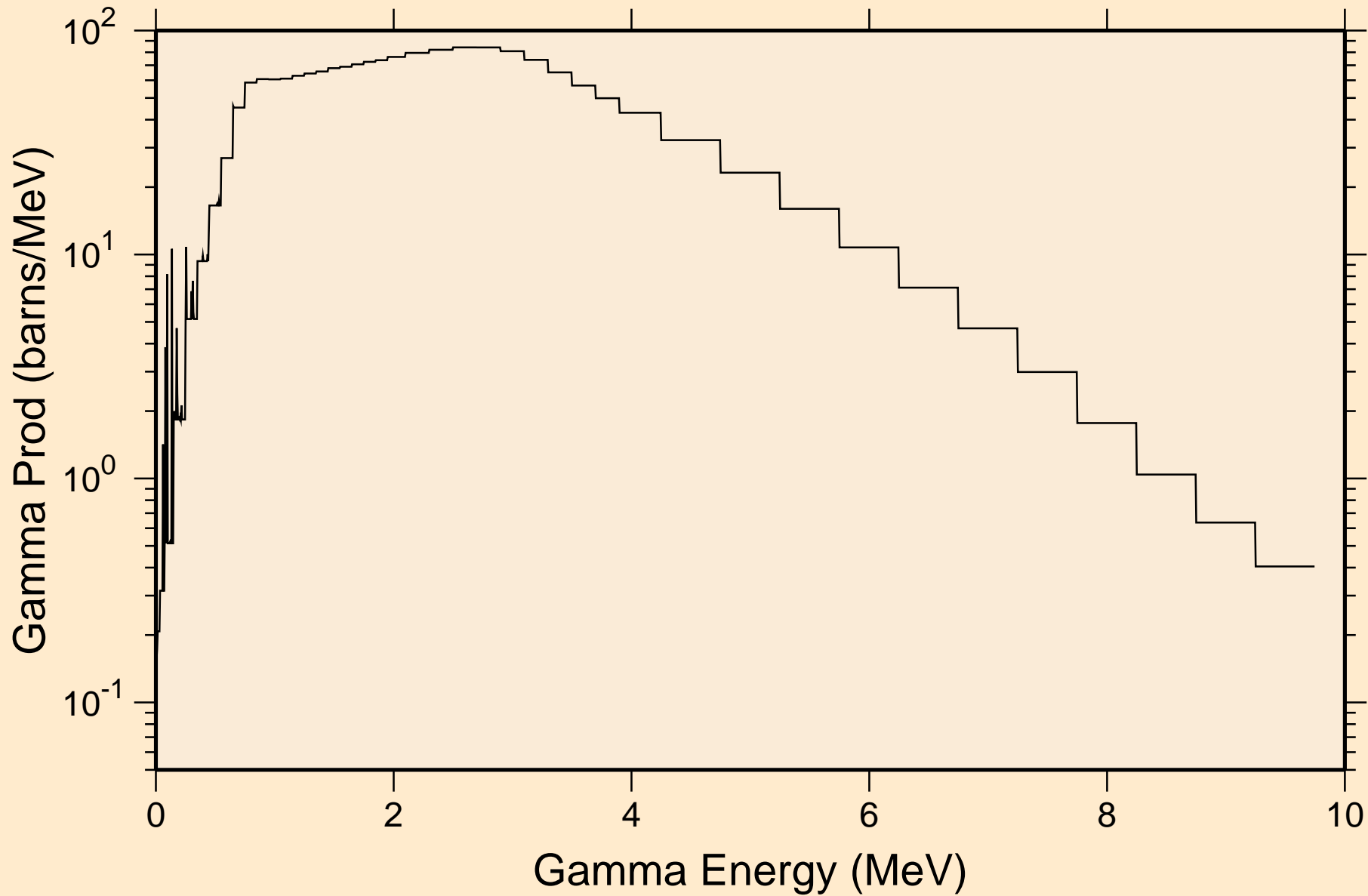
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

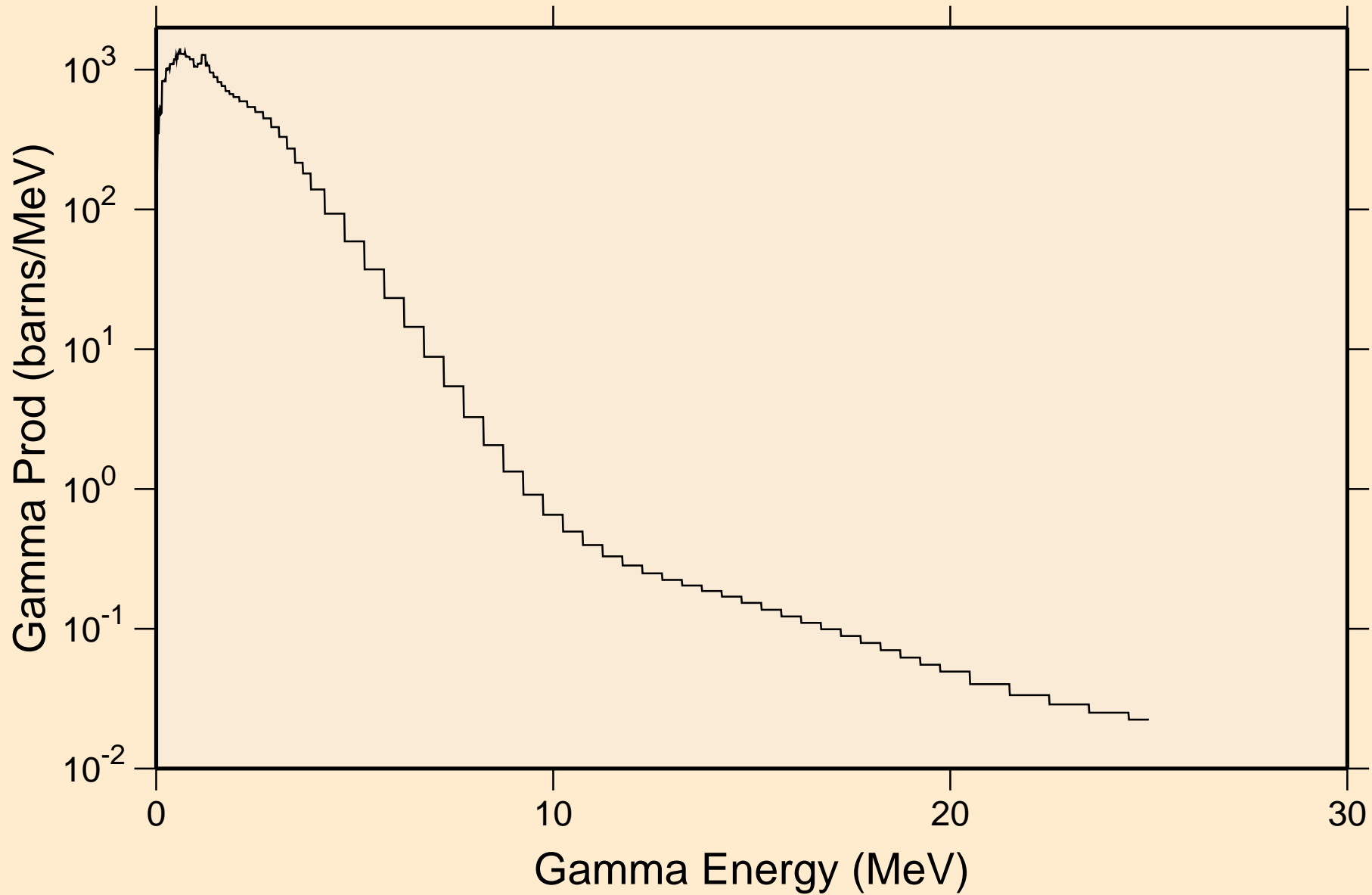


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



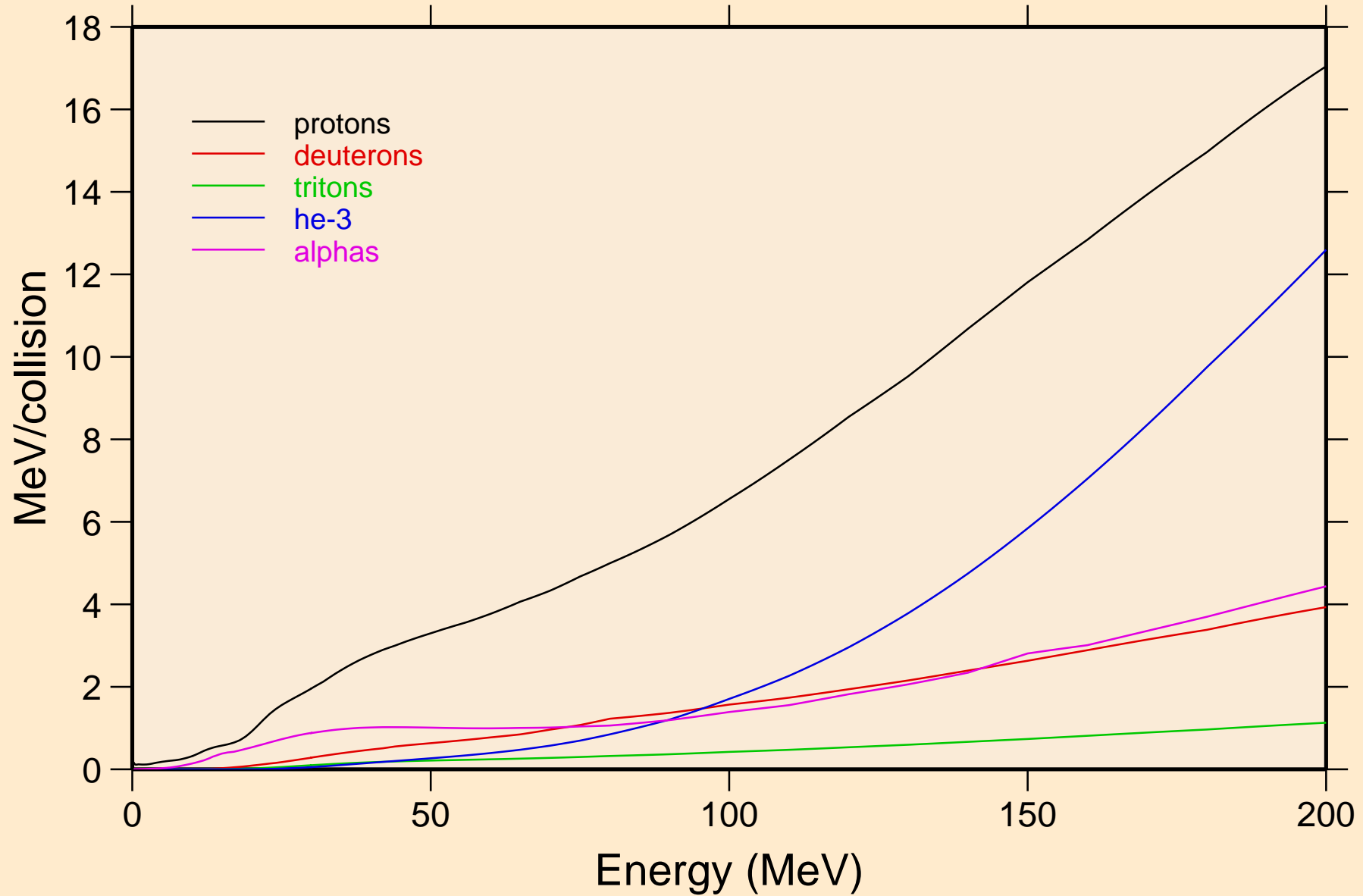


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14 MeV photon spectrum



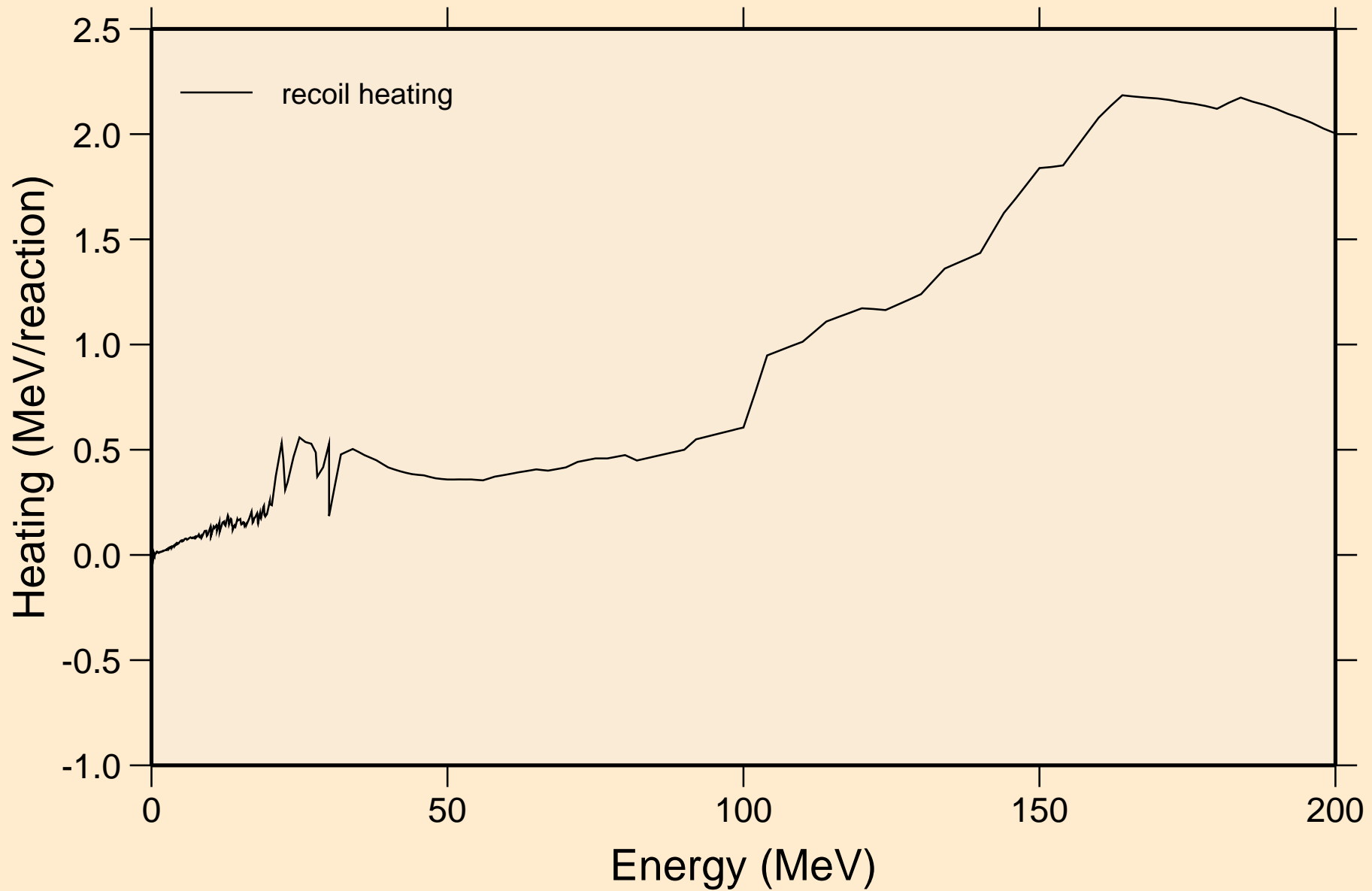
# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions



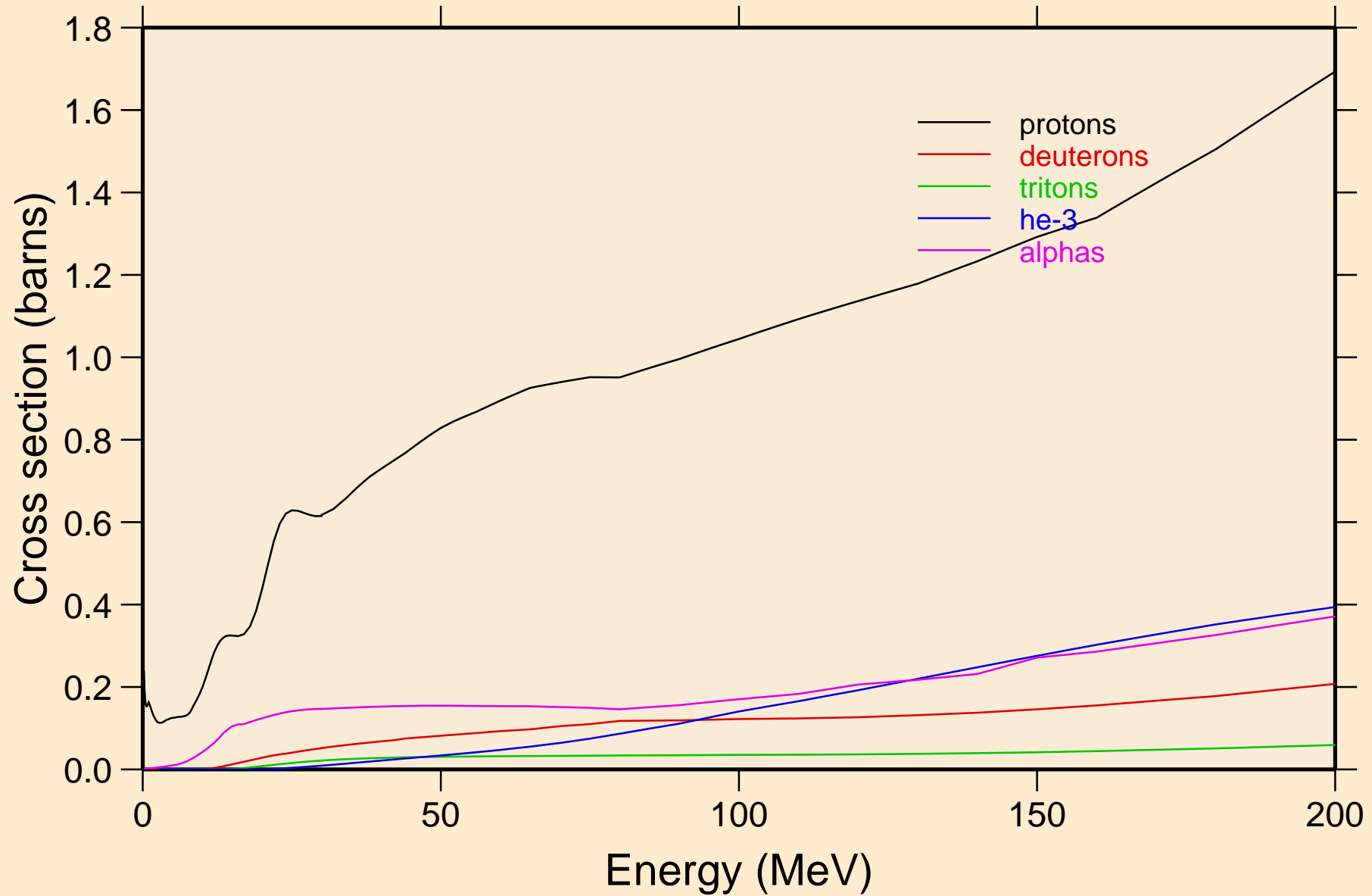
# I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Recoil Heating

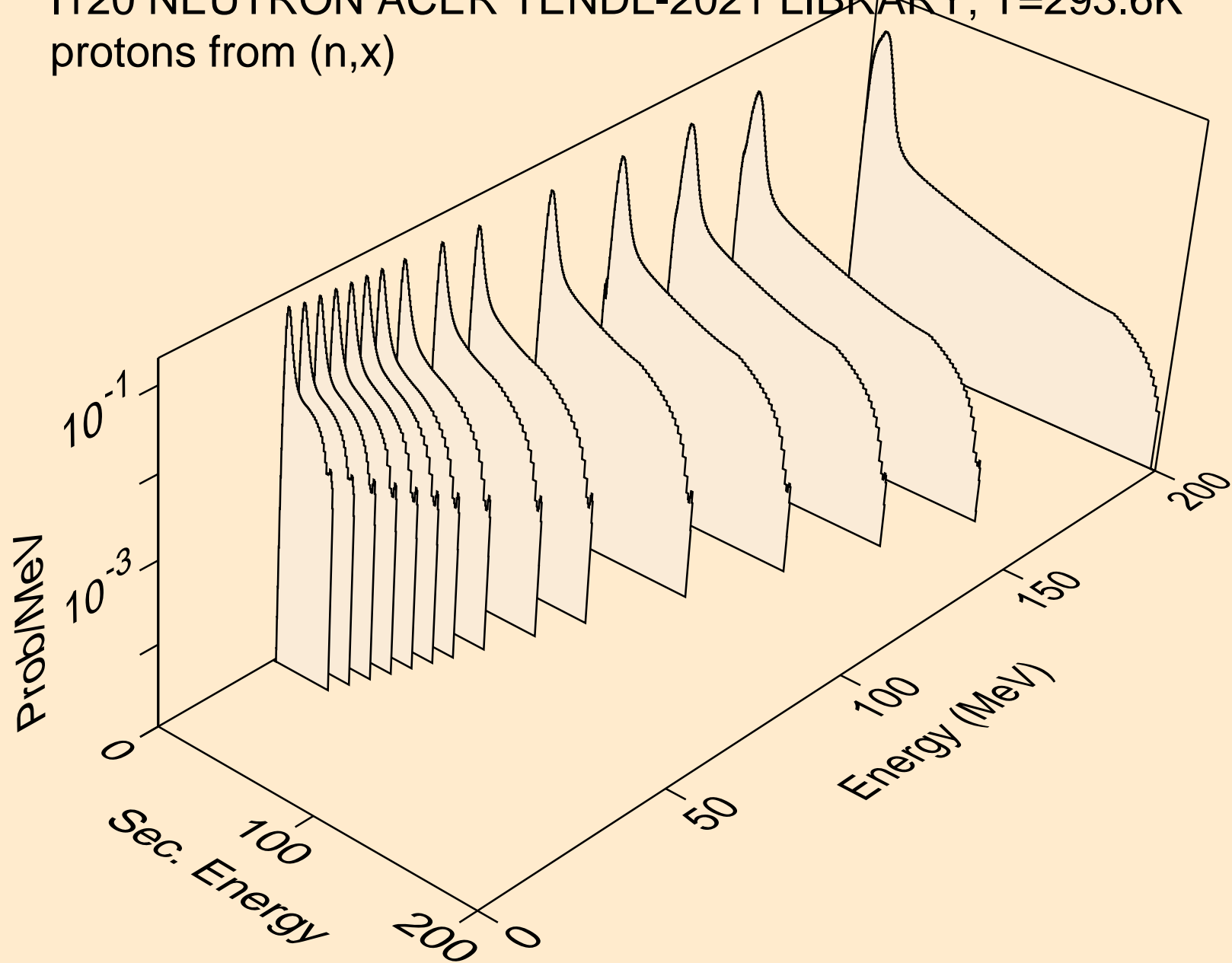


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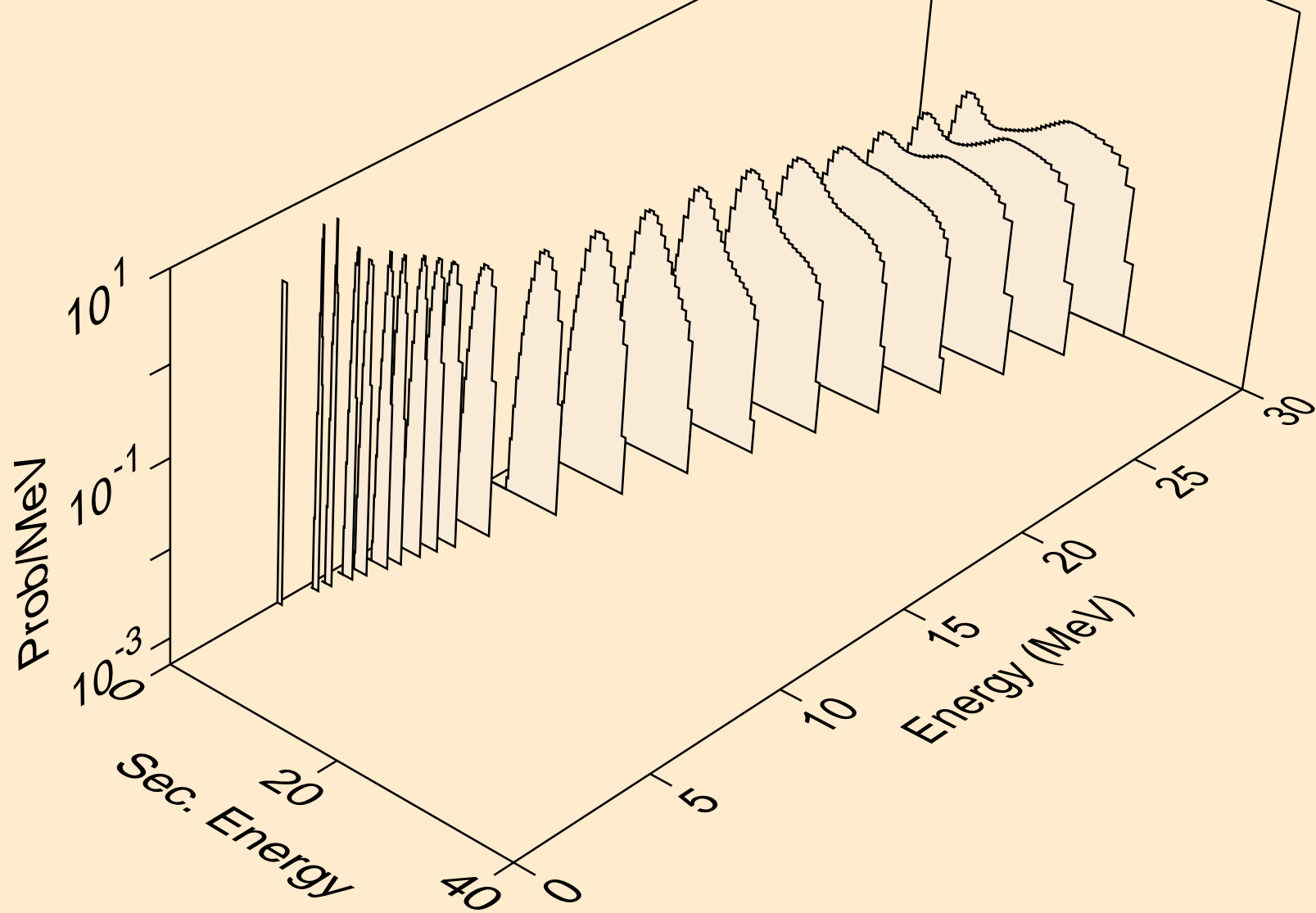
## Particle production cross sections



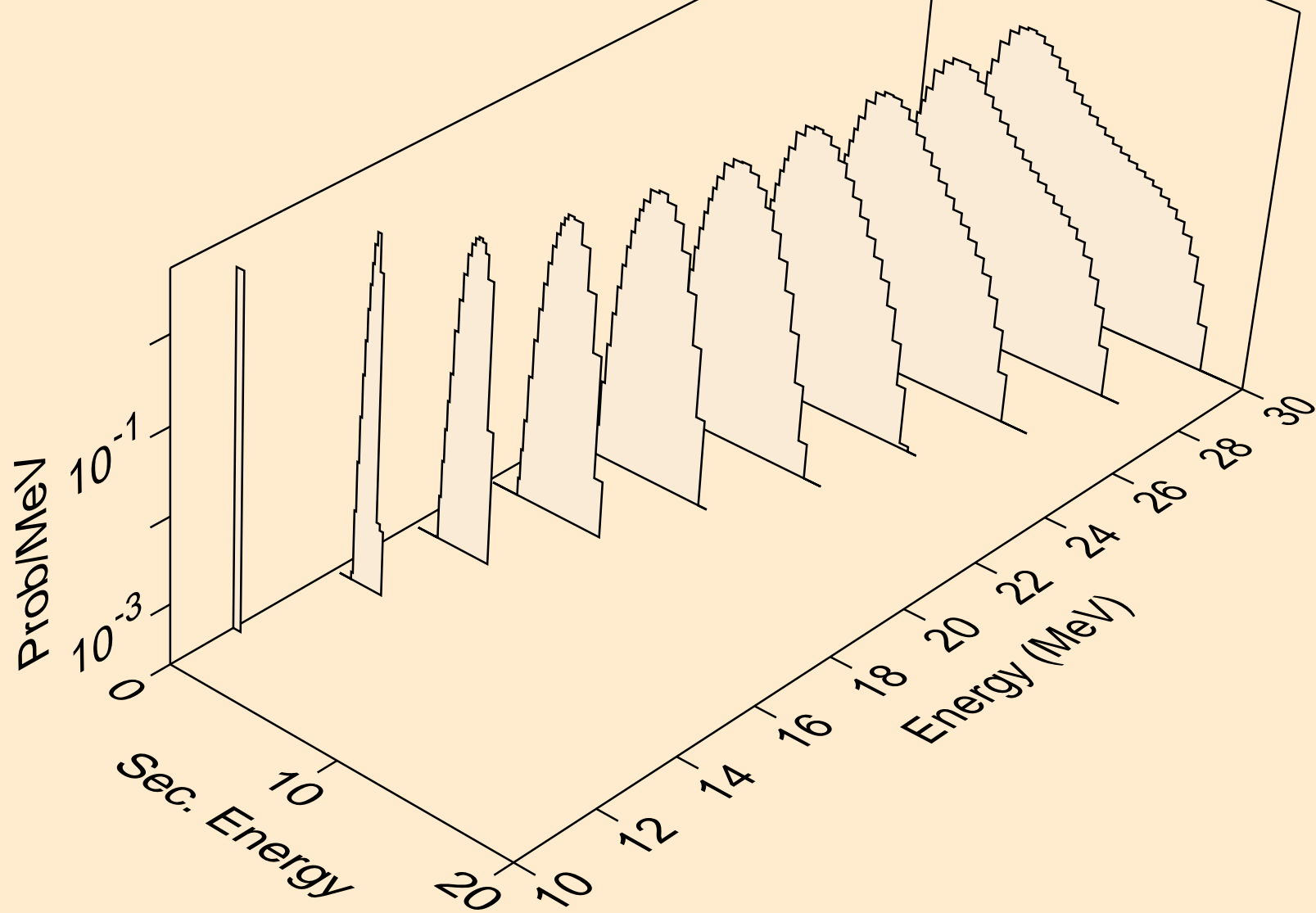
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



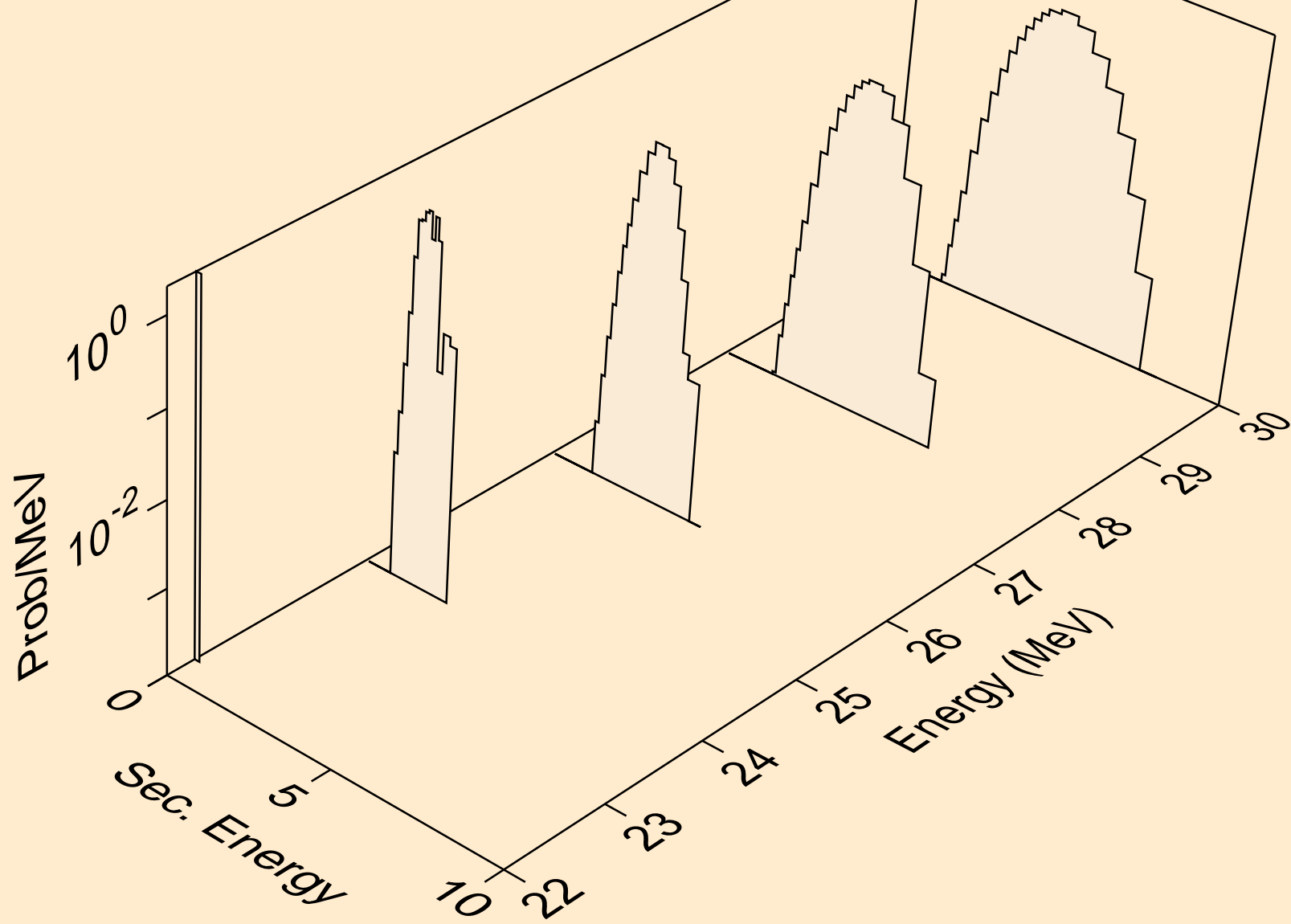
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protons from (n,n\*)p



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

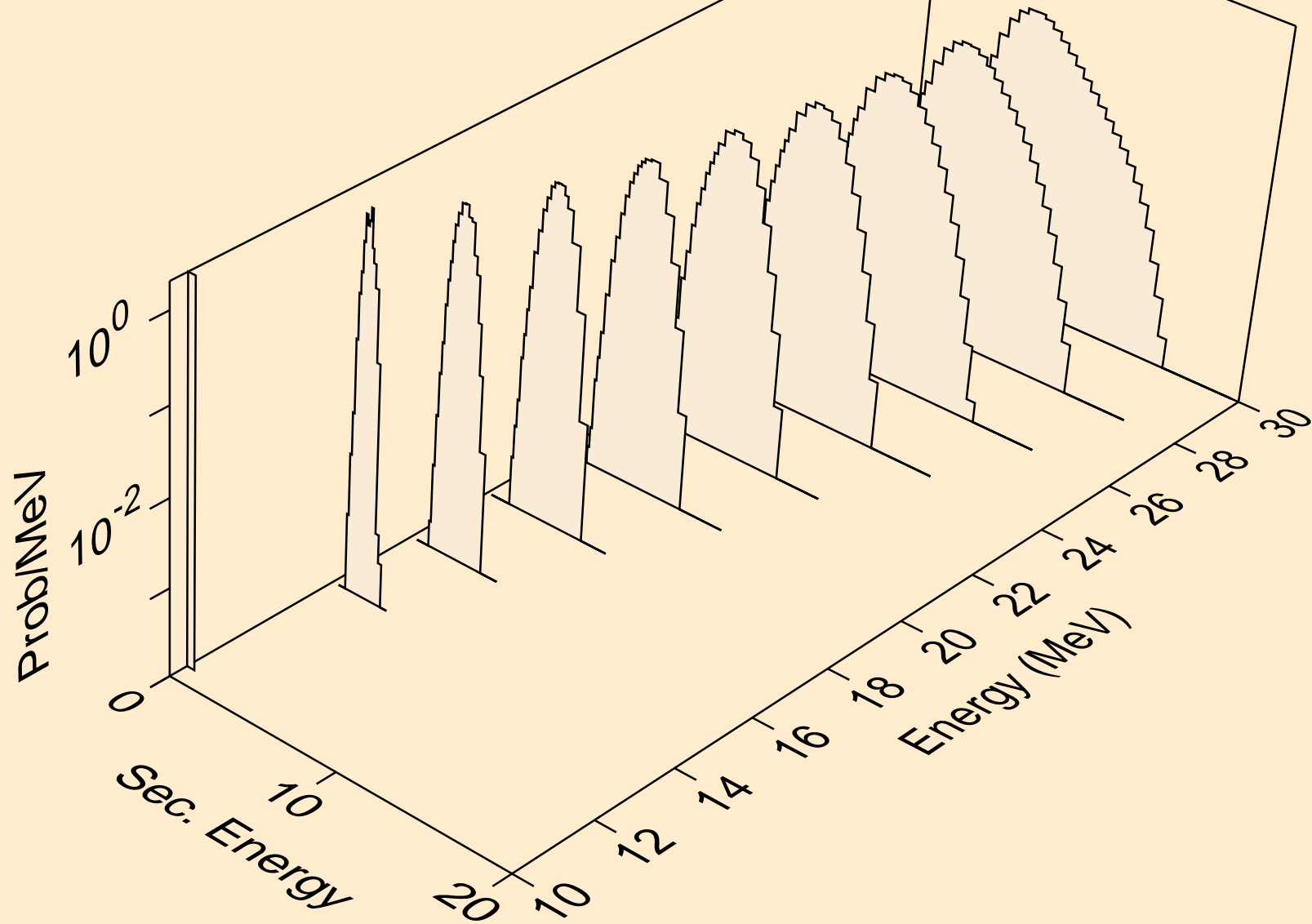


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protons from (n,3np)

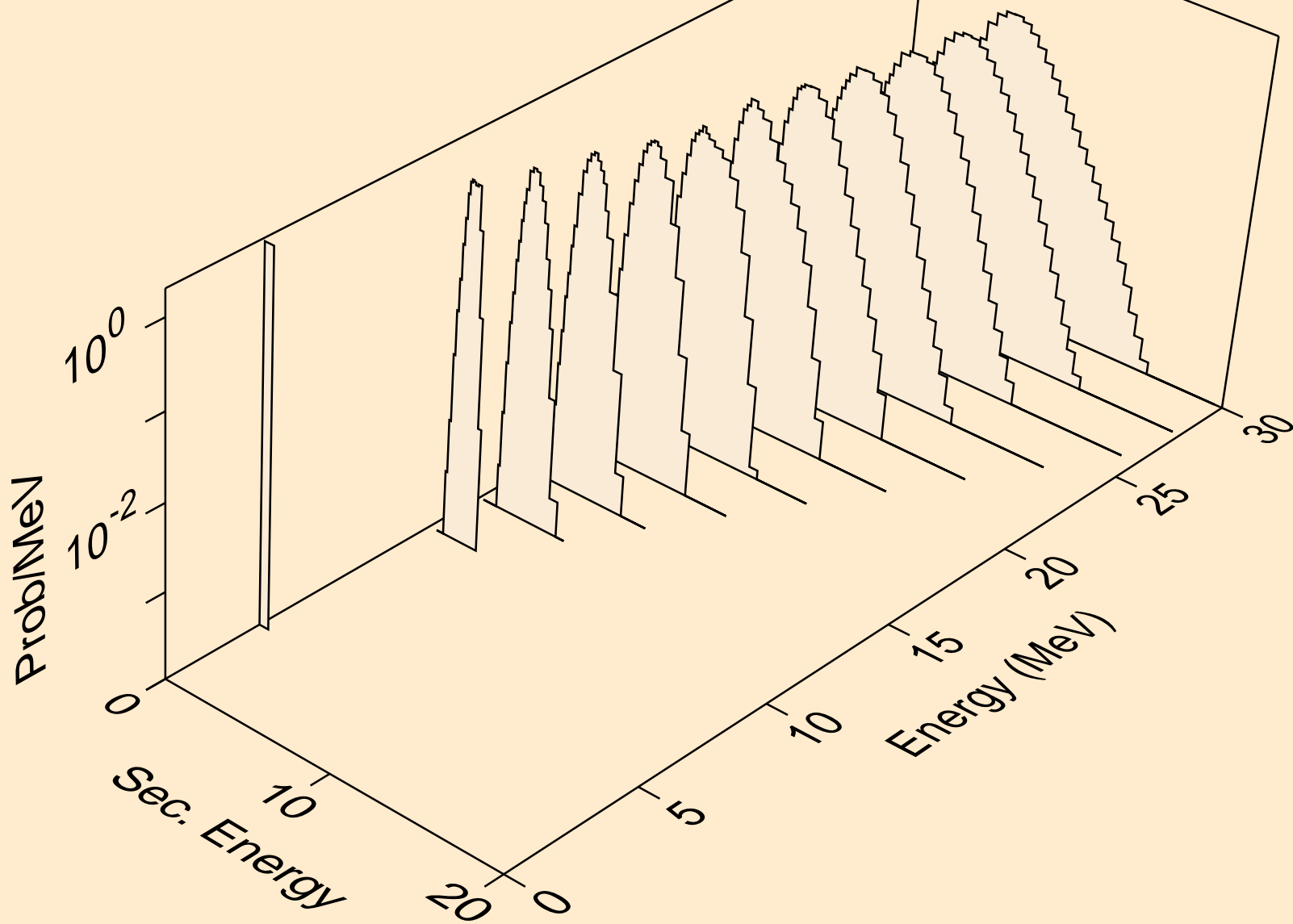




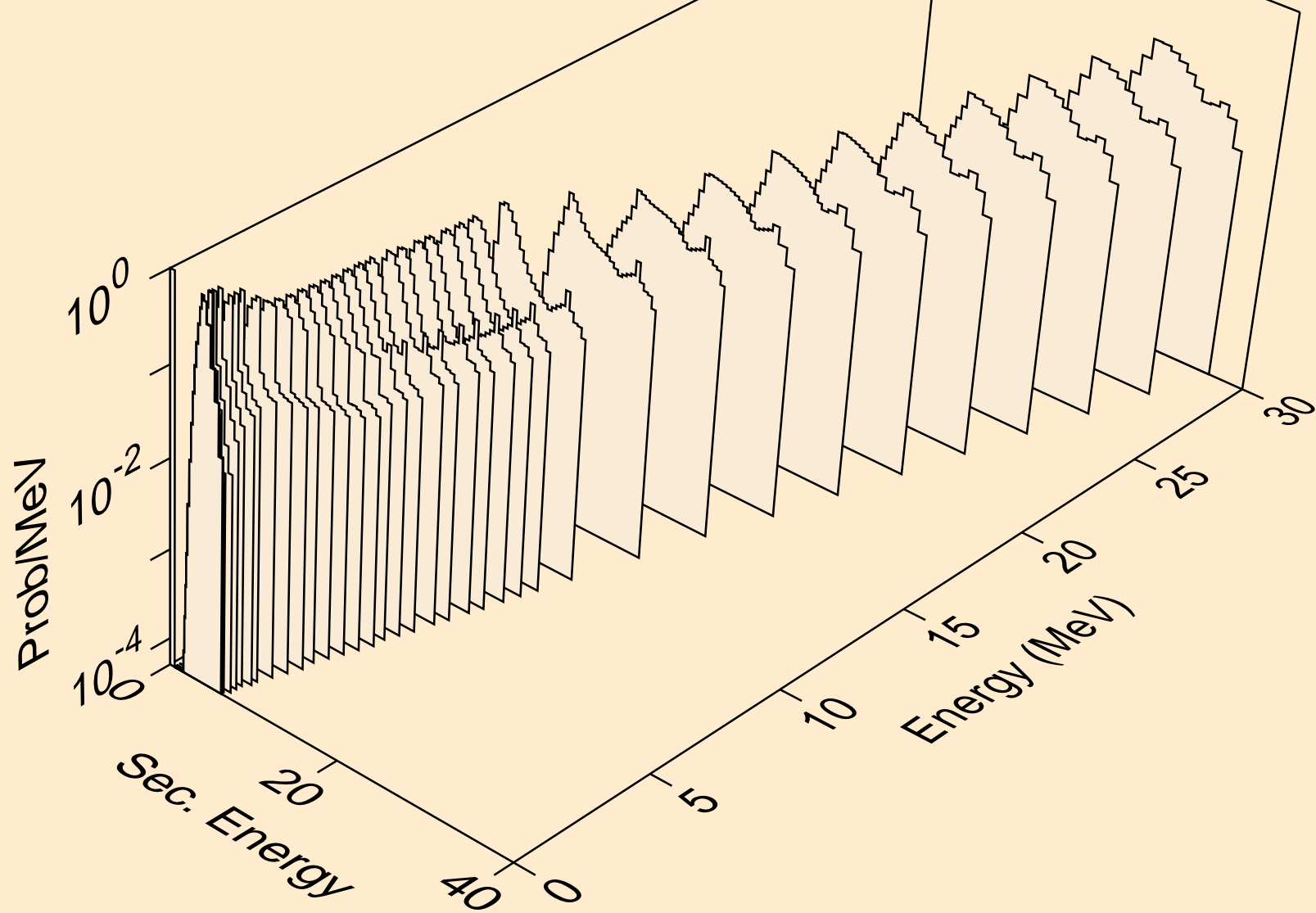
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protons from (n,2np)



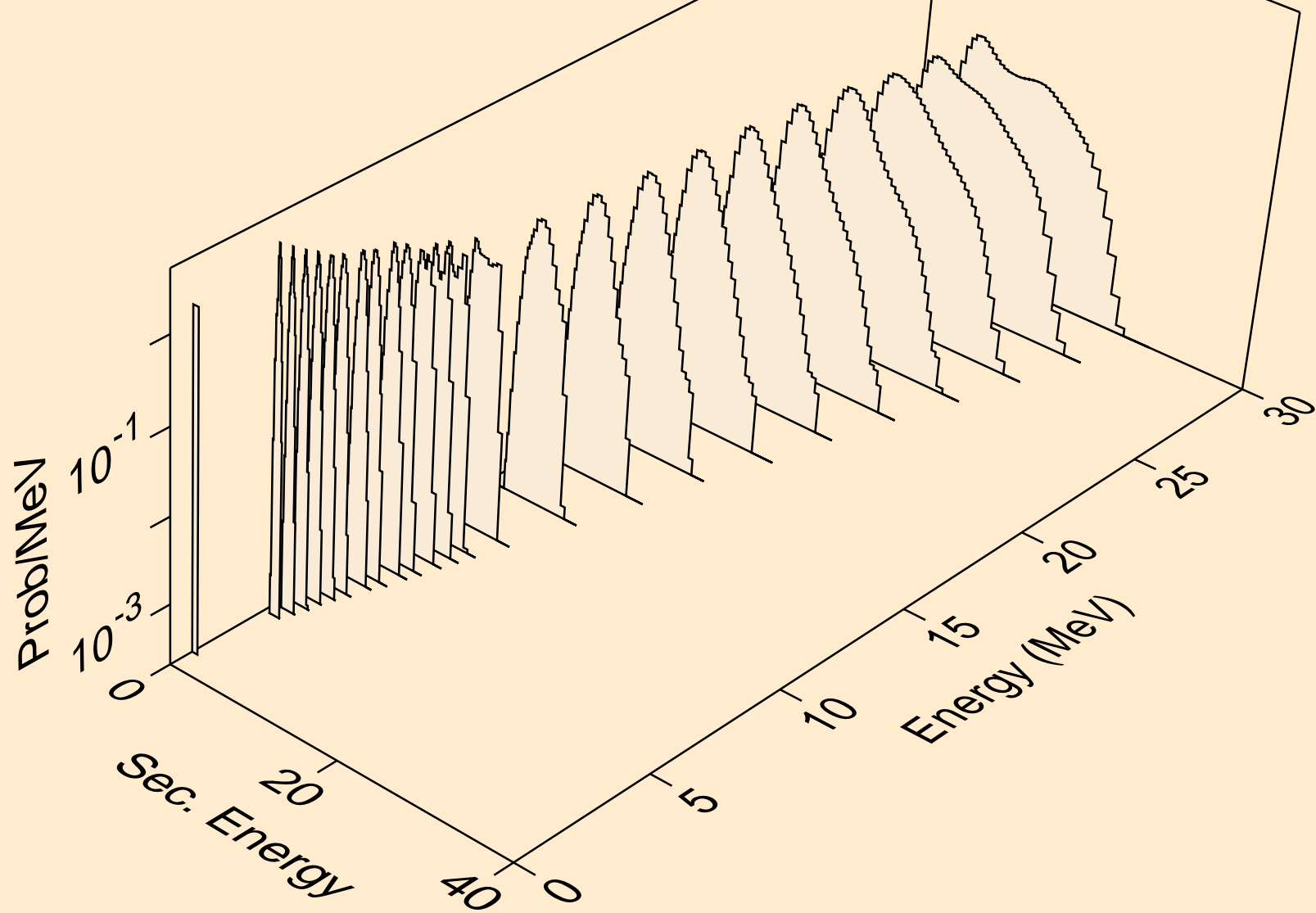
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protons from (n,npa)



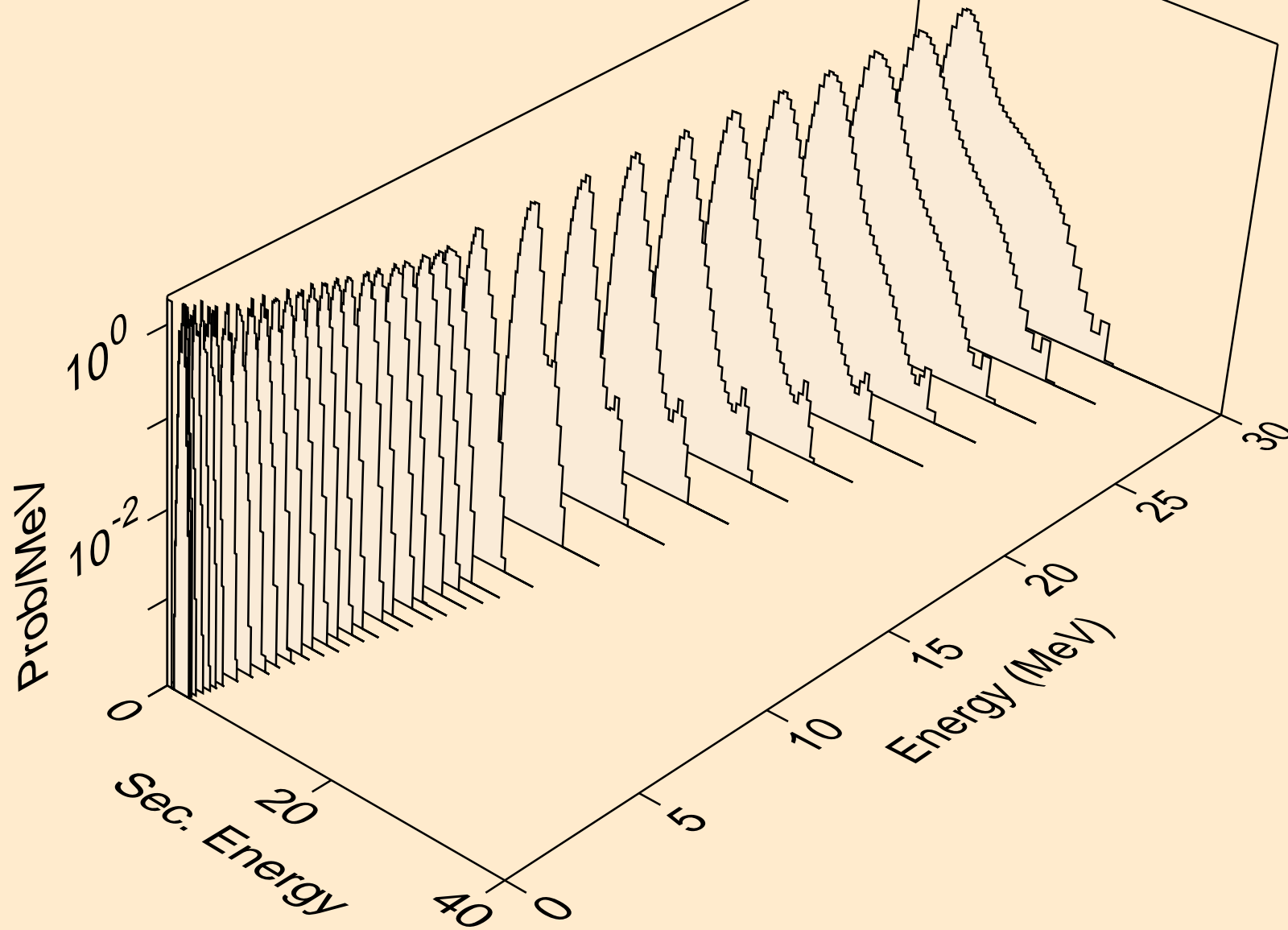
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protons from (n,p)



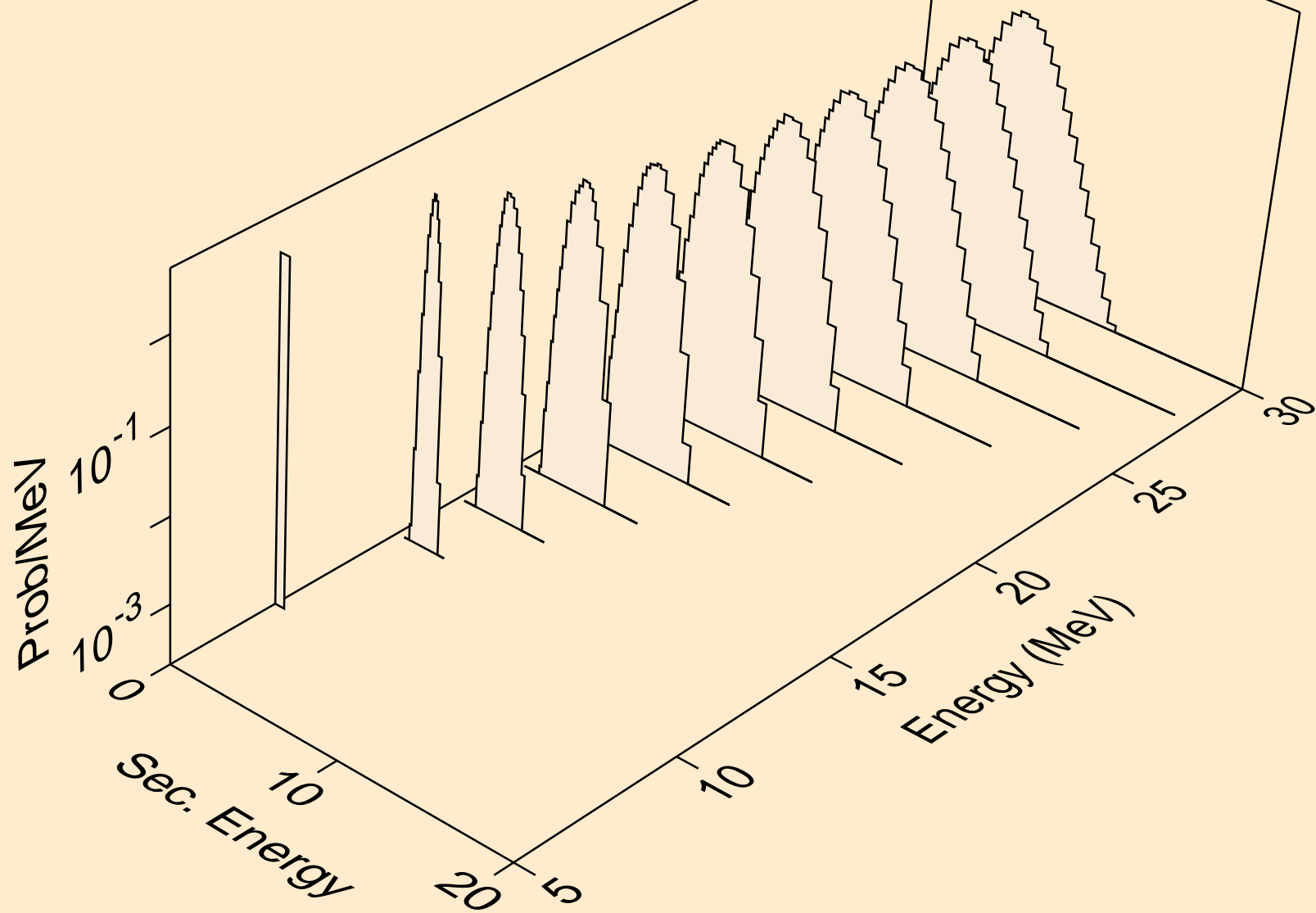
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protons from (n,2p)



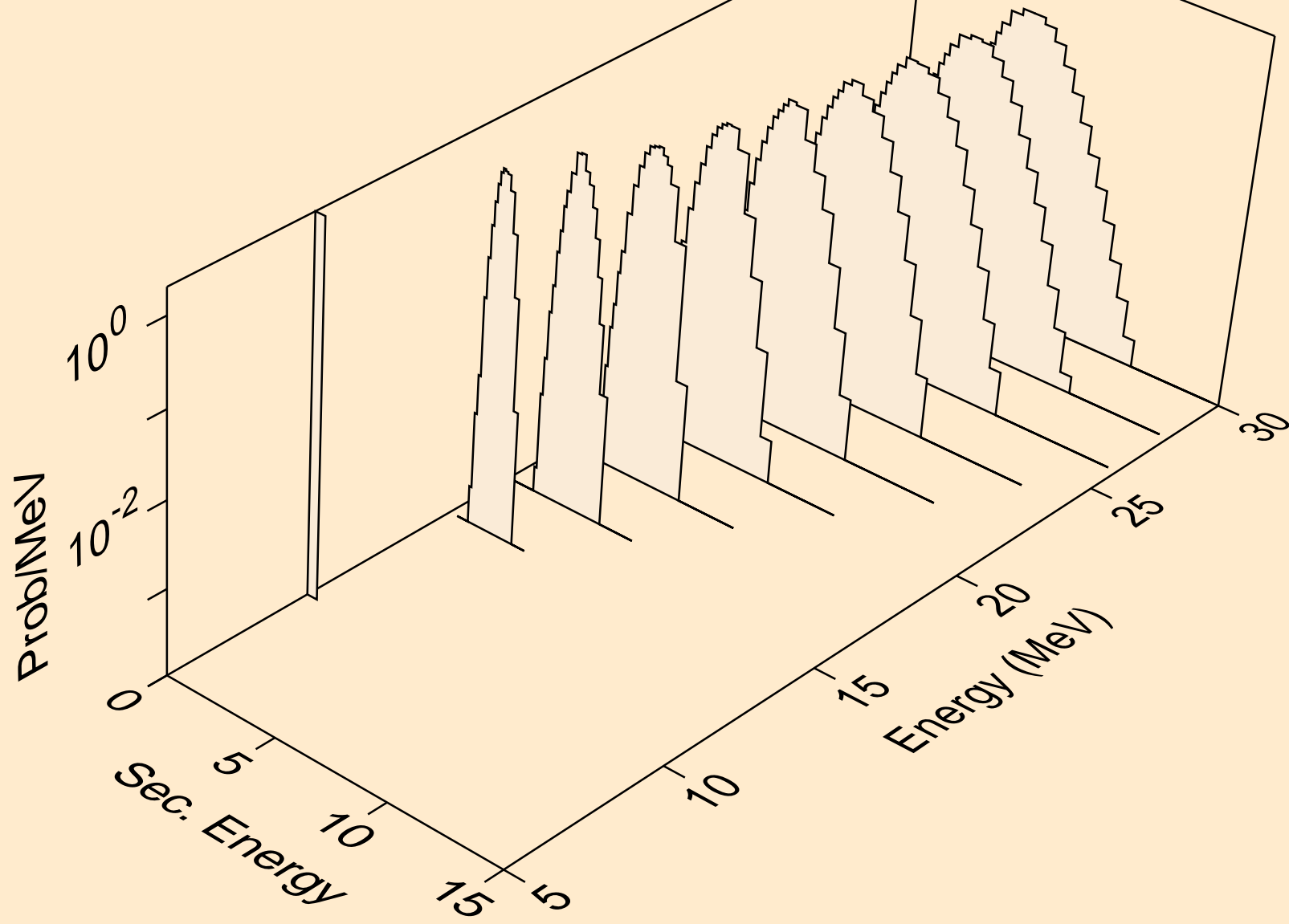
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protons from (n,p)



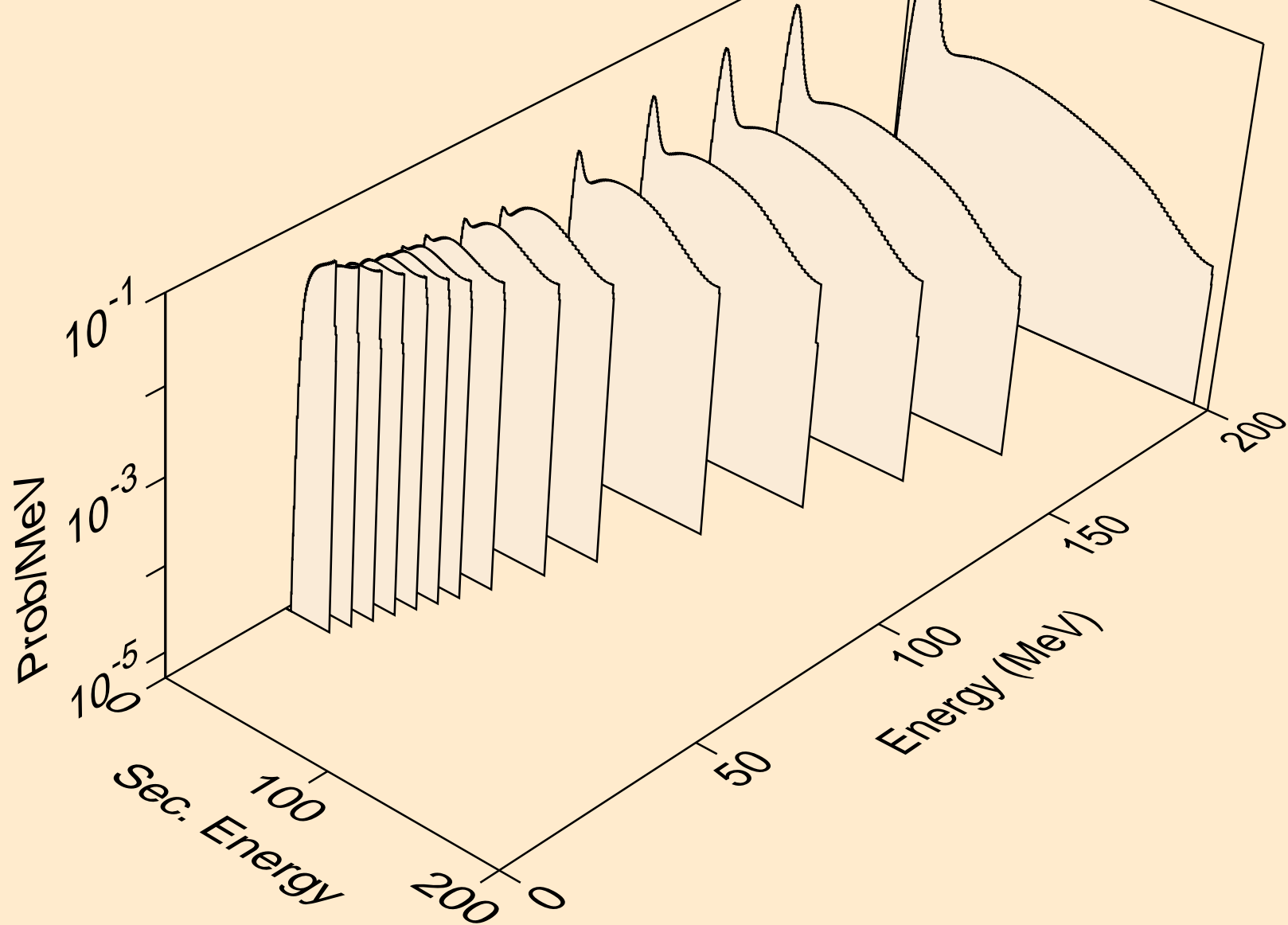
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protons from (n,pd)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

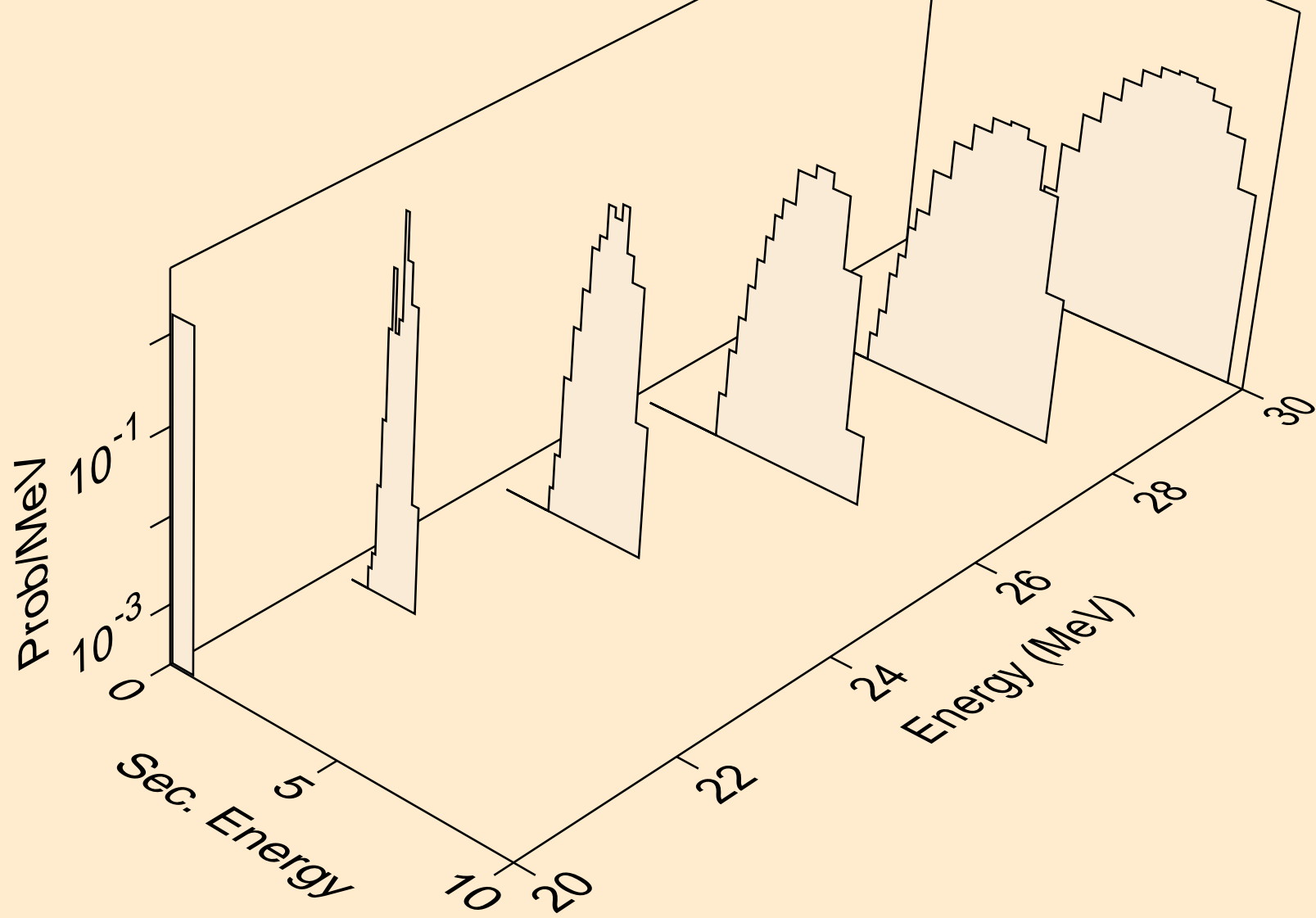


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deuterons from (n,x)

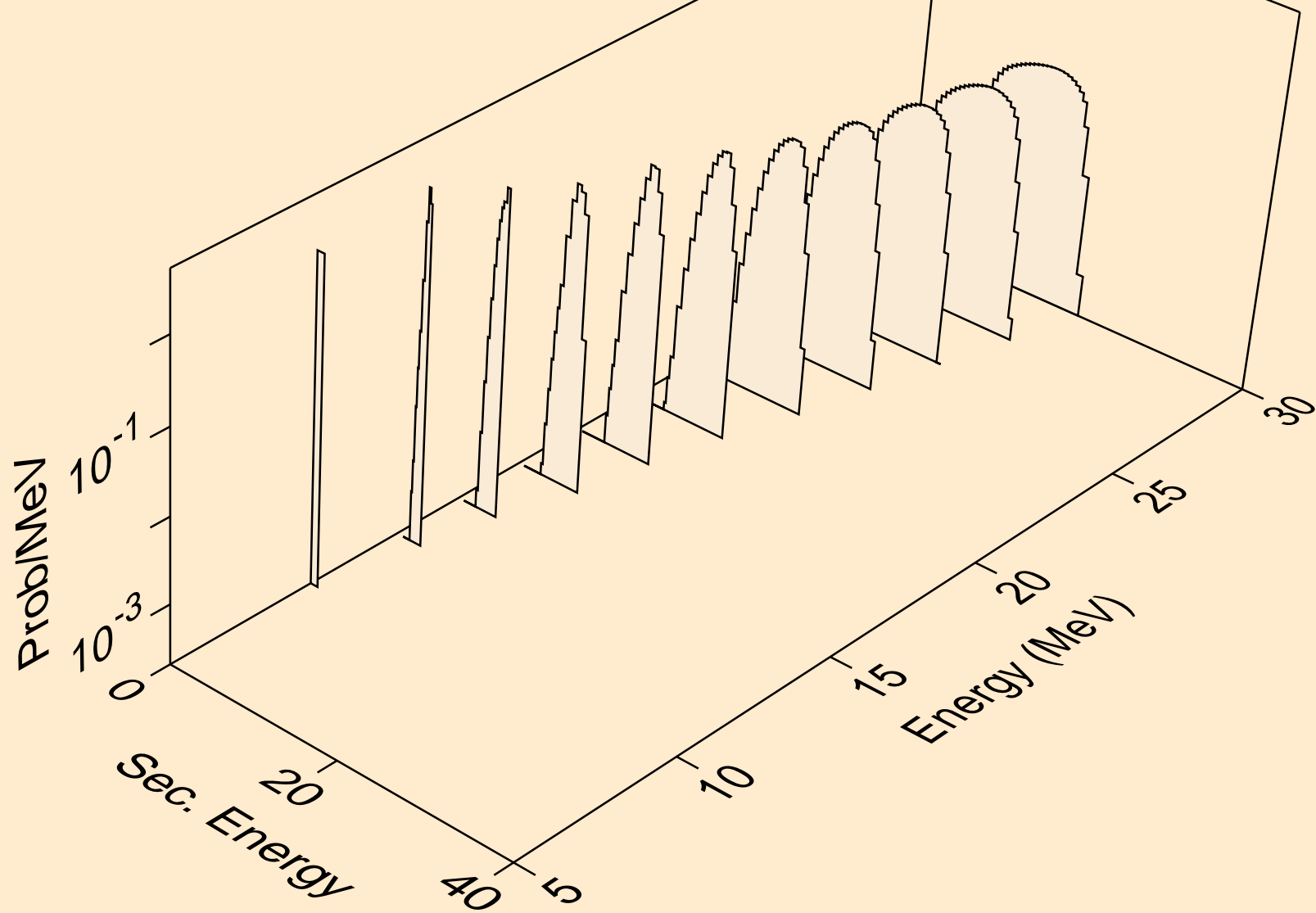




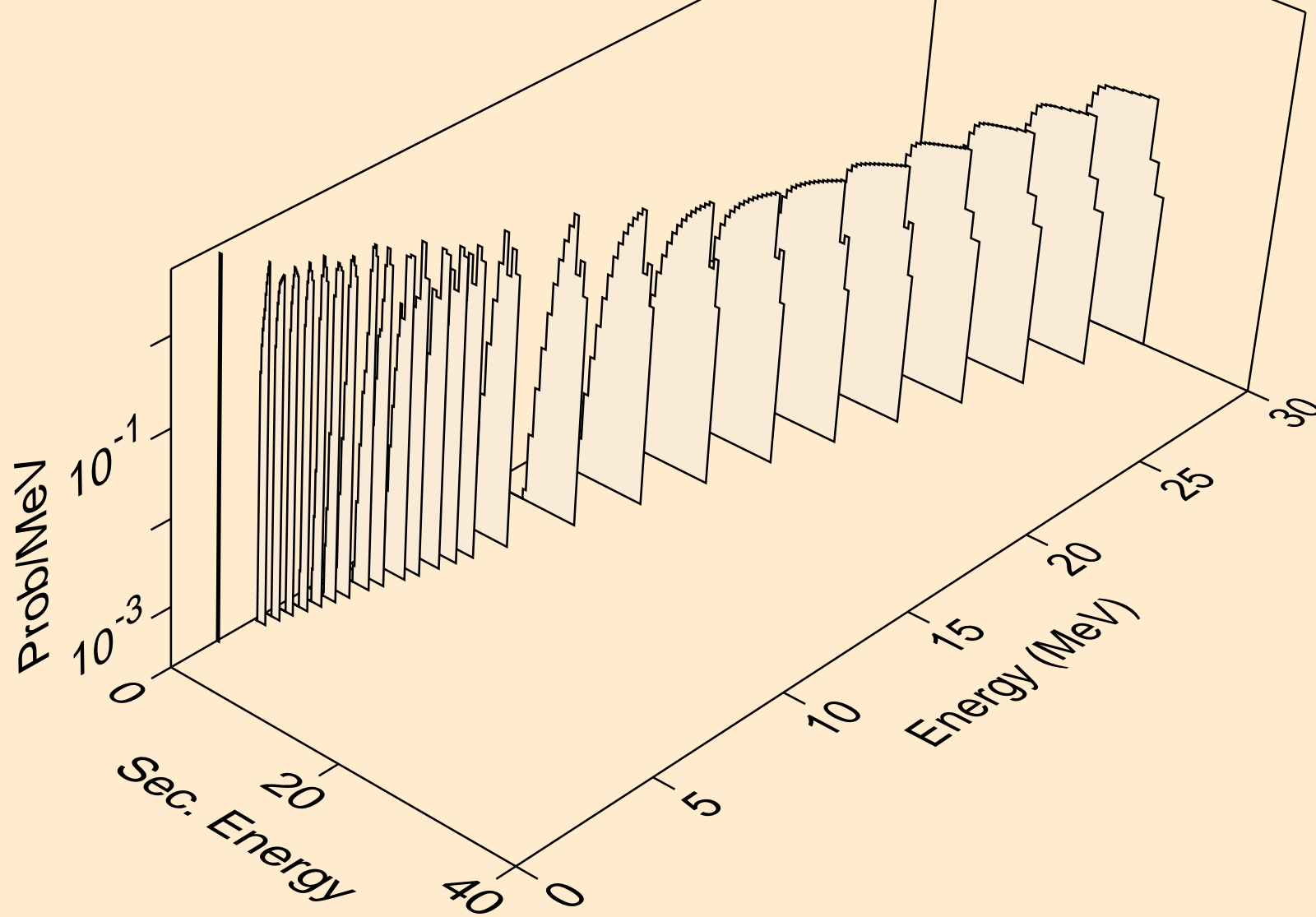
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deuterons from (n,2nd)



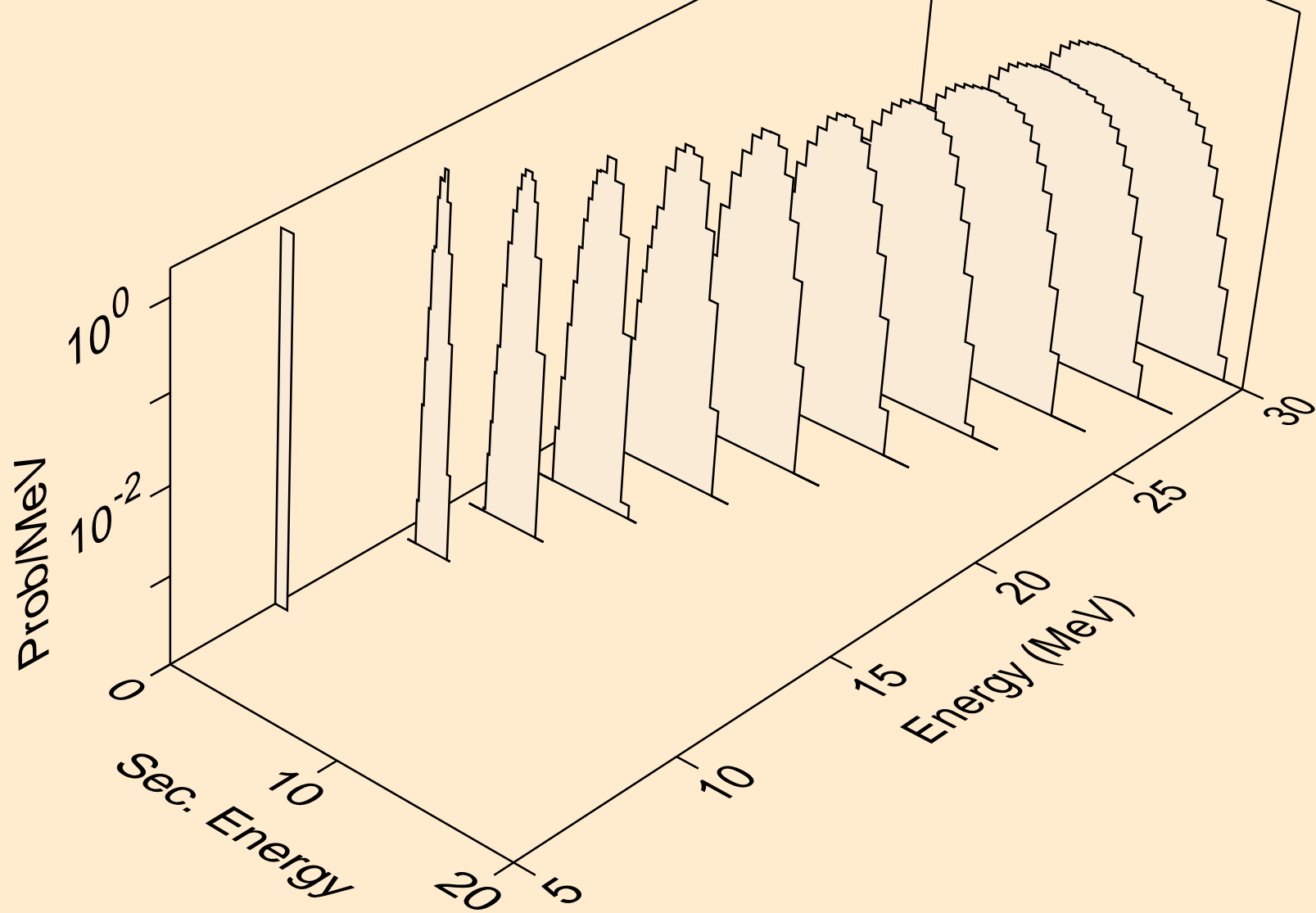
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deuterons from (n,n\*)d



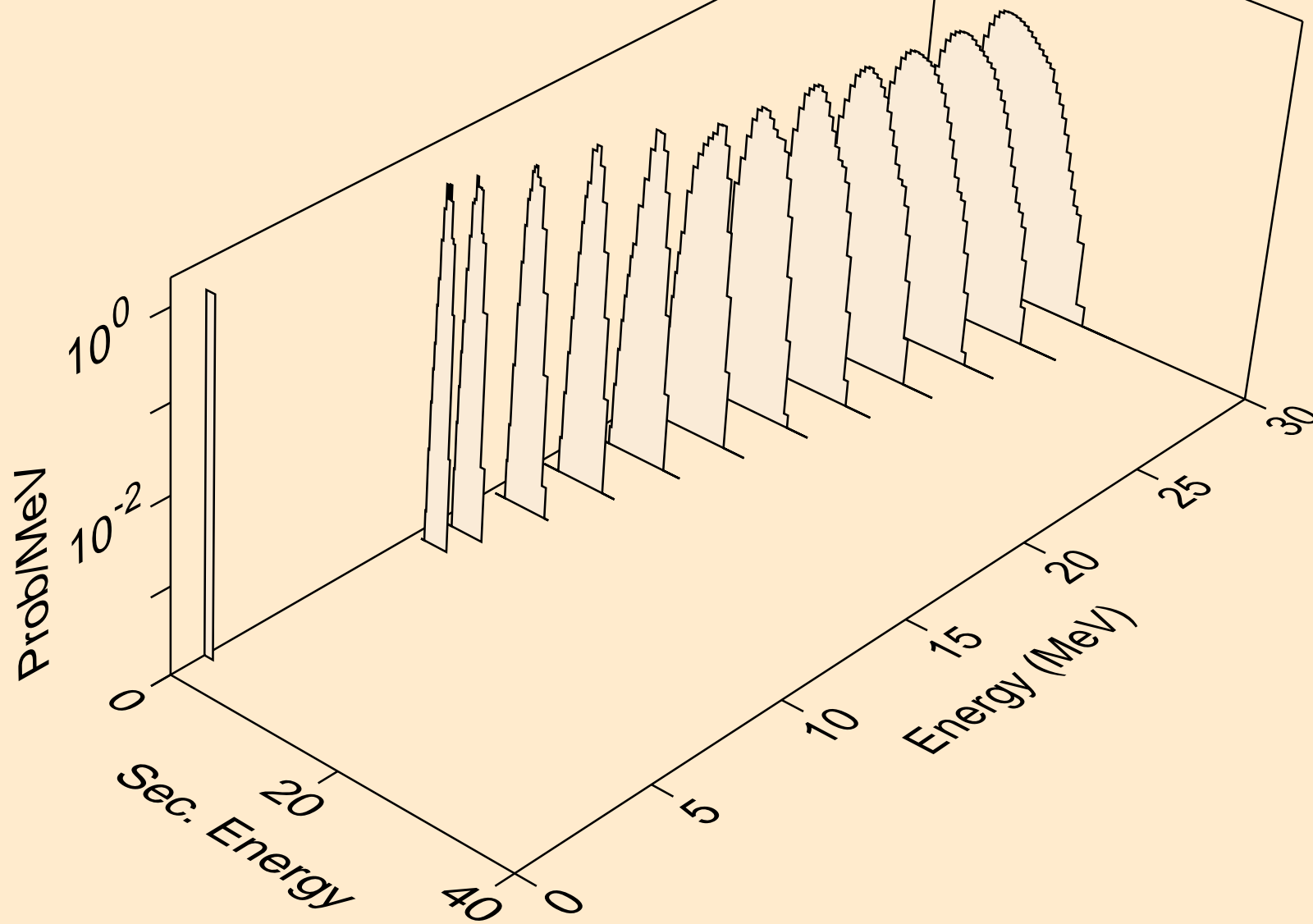
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deuterons from (n,d)



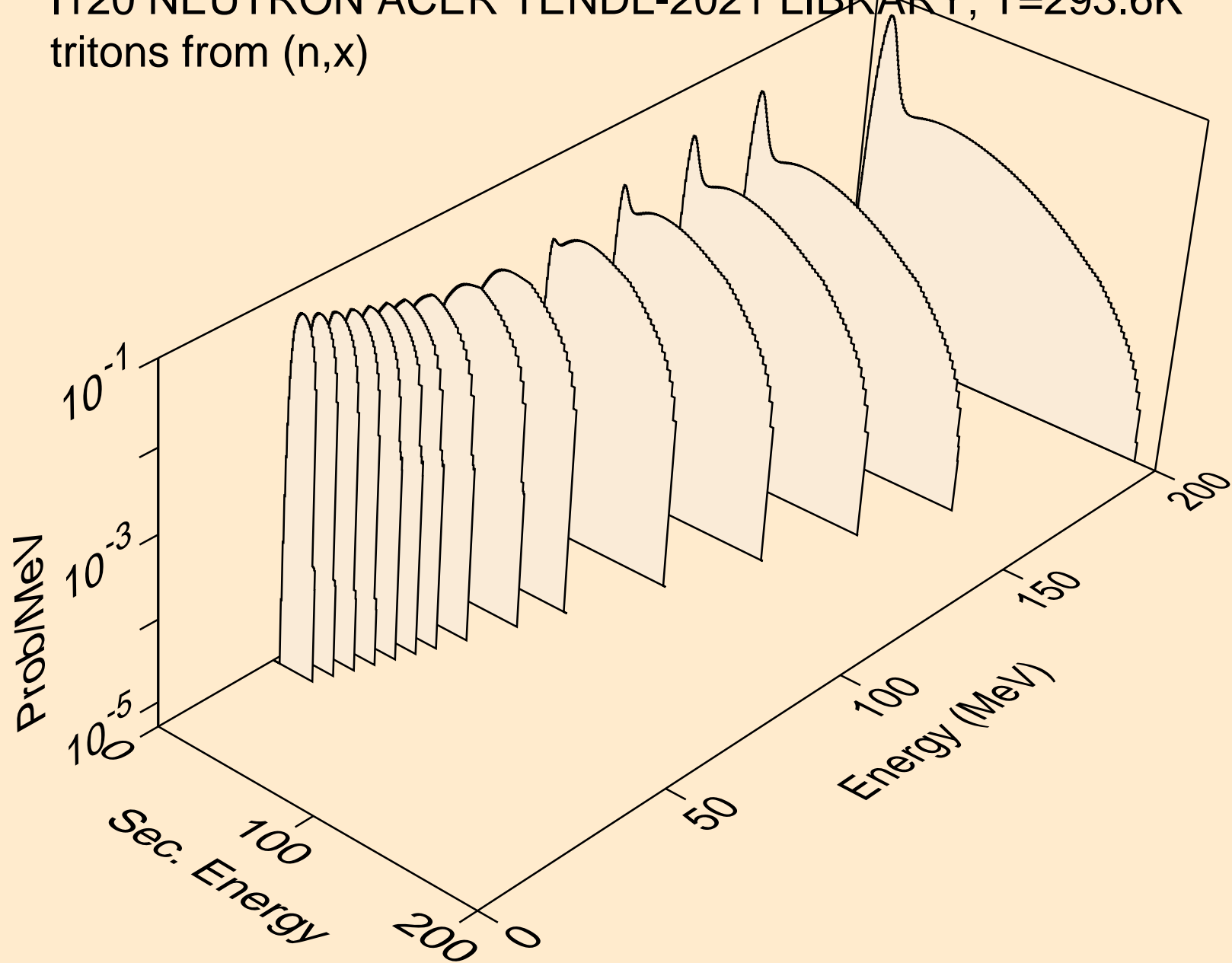
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



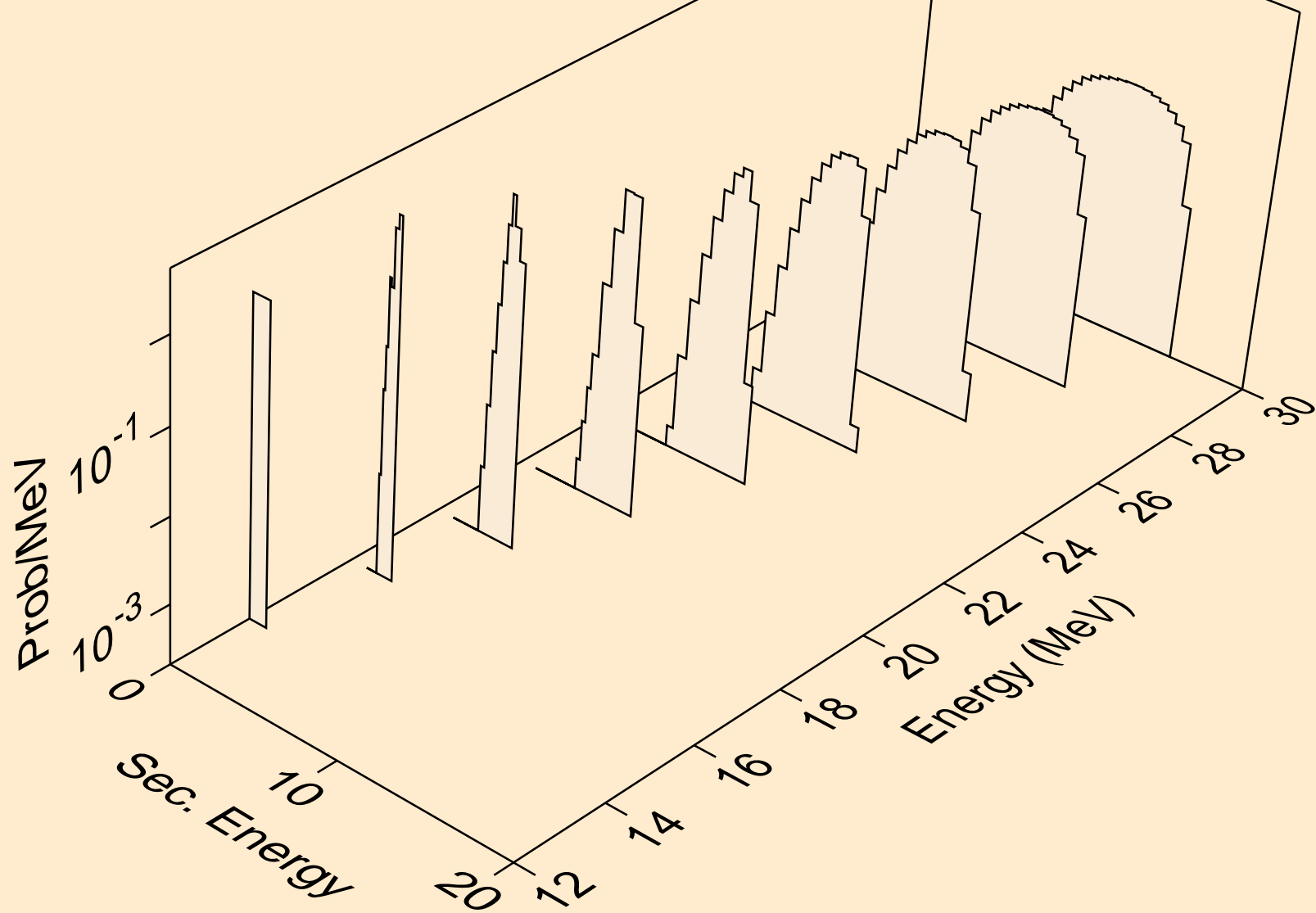
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



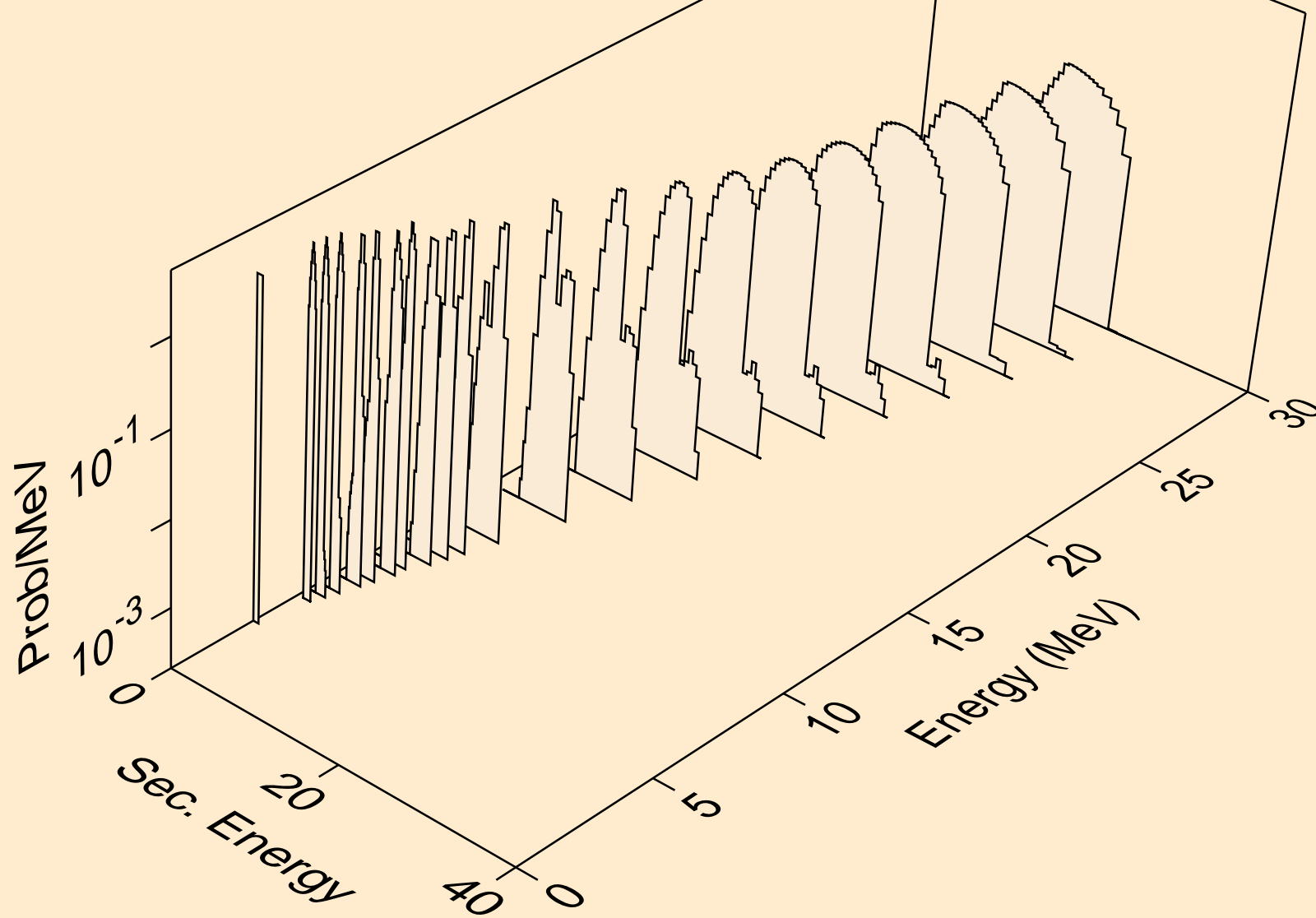
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

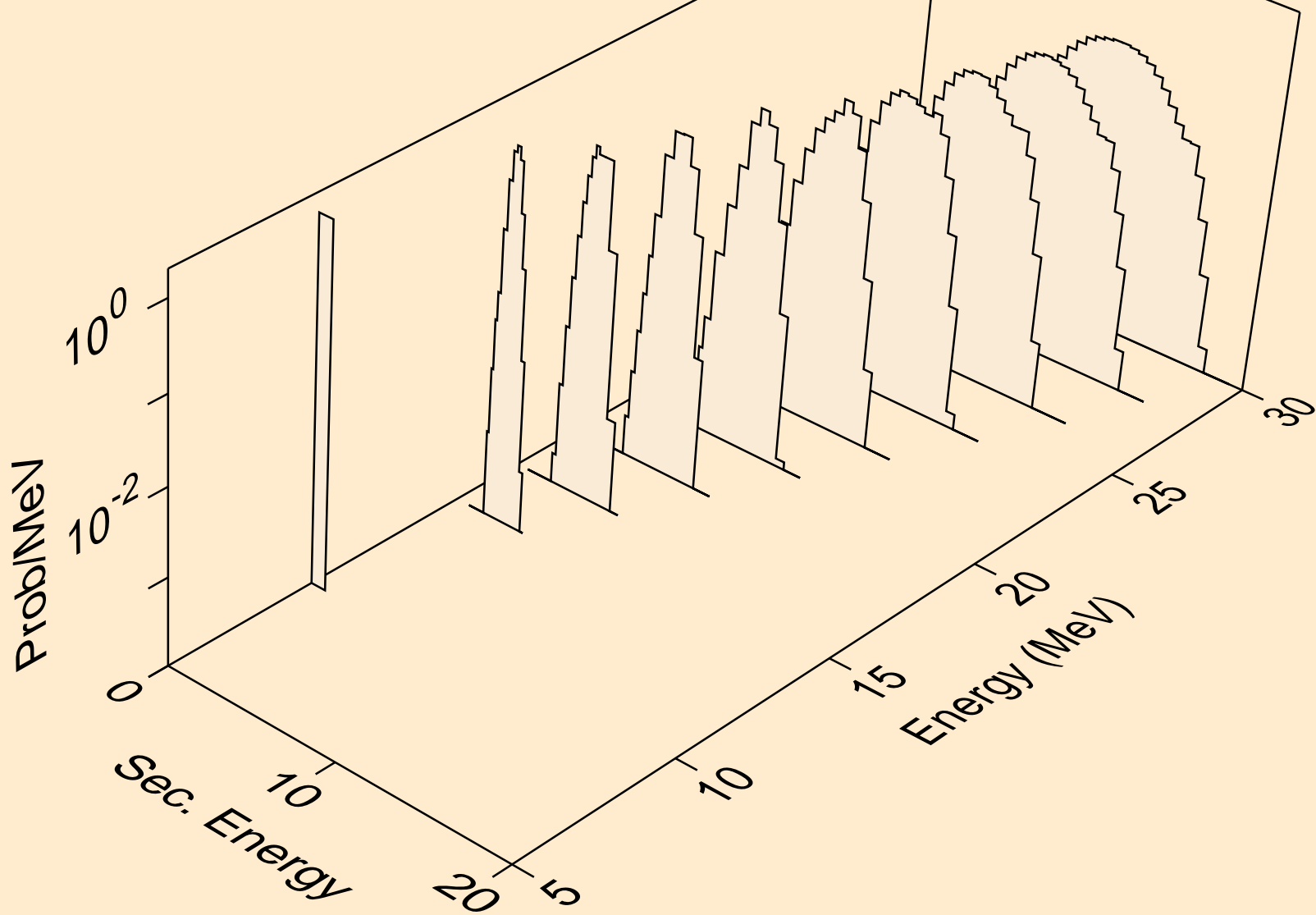


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

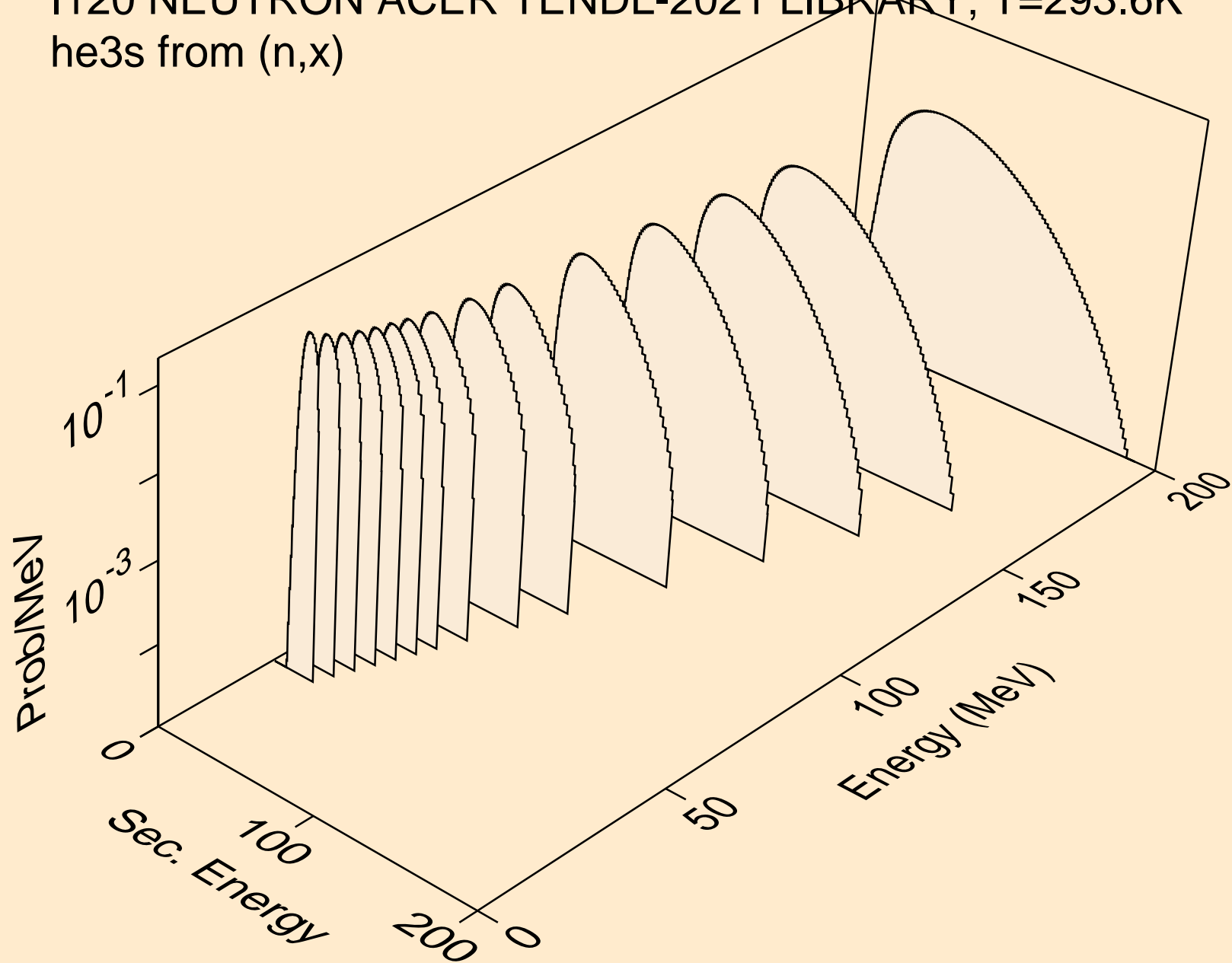




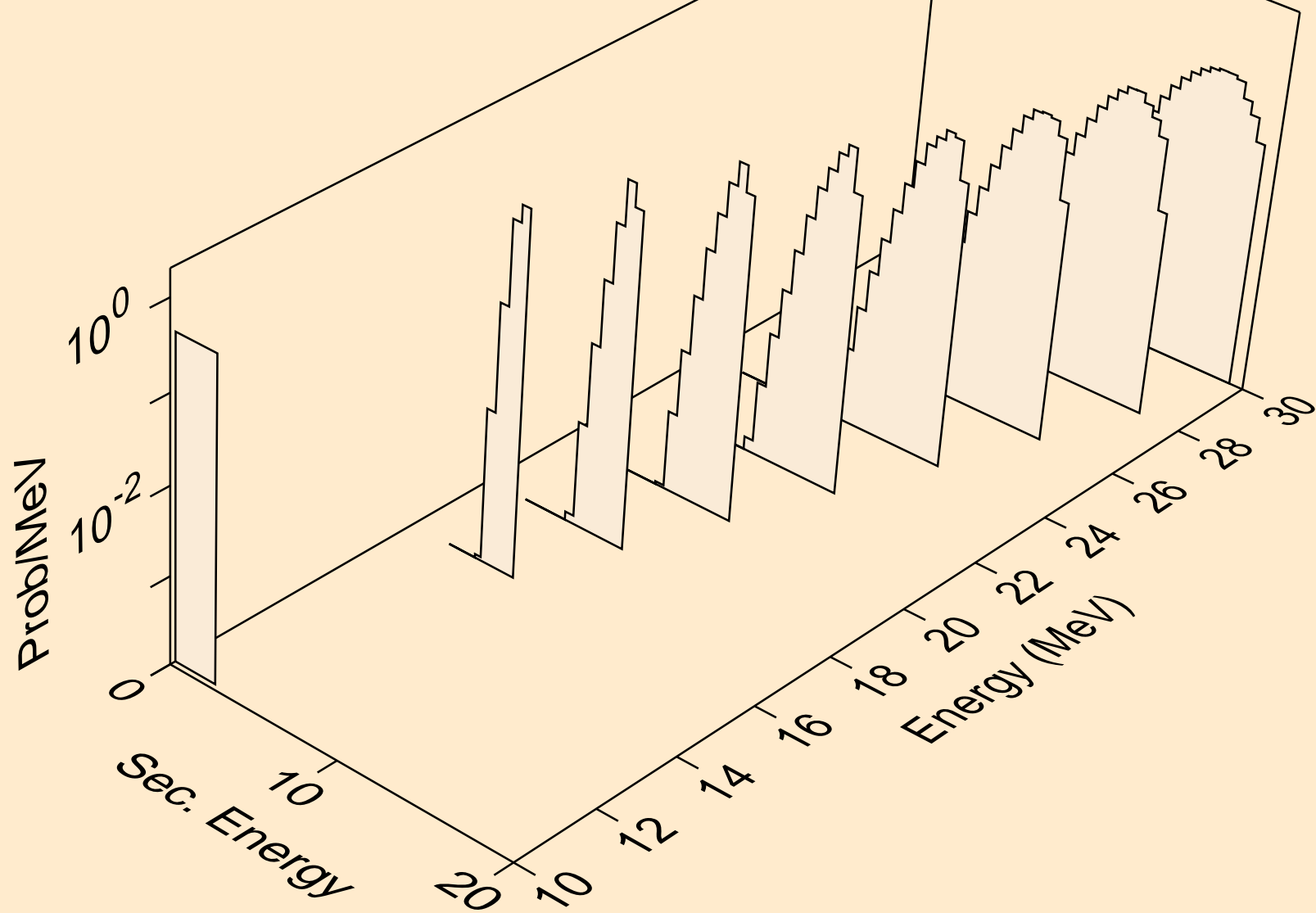
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



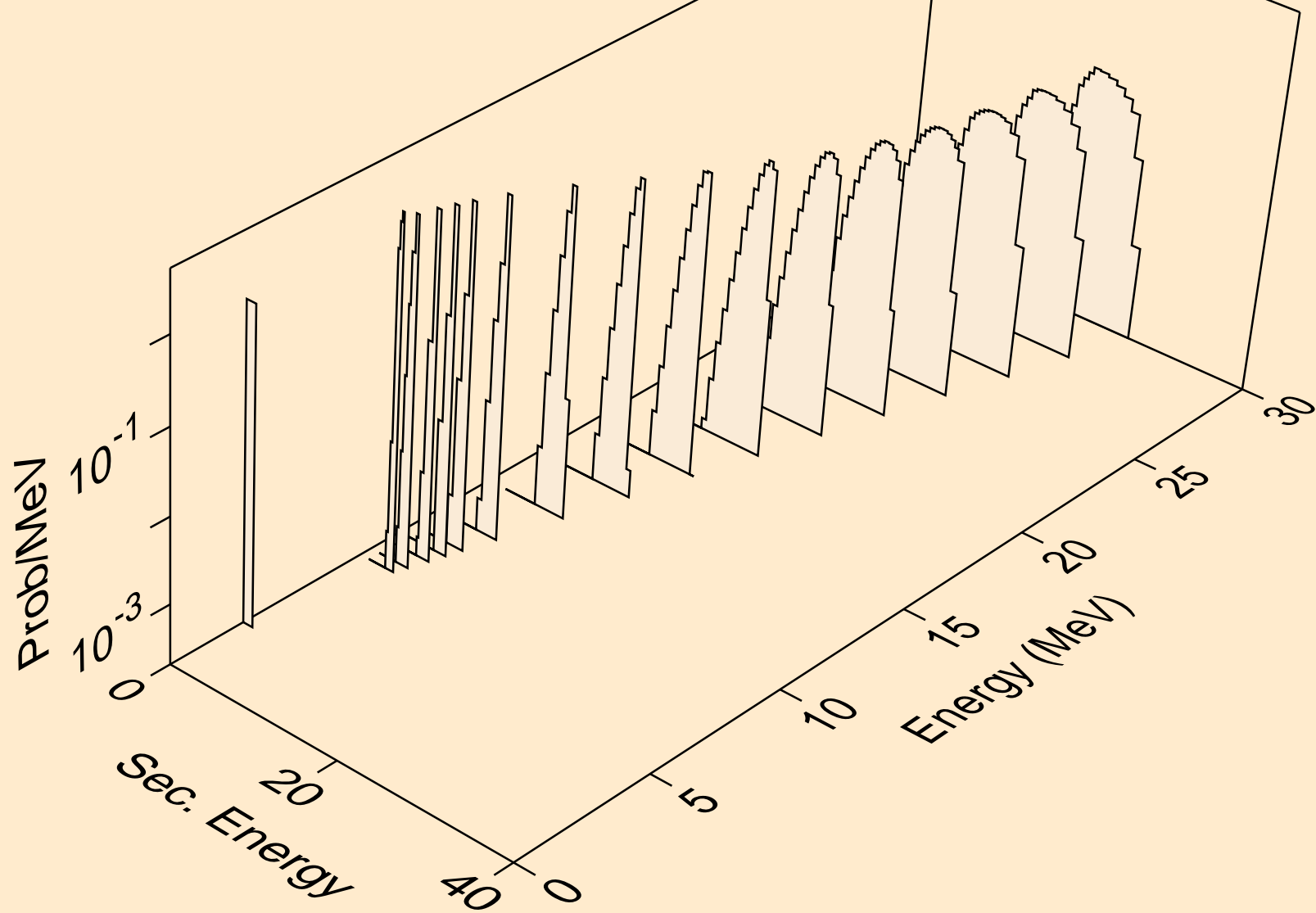
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



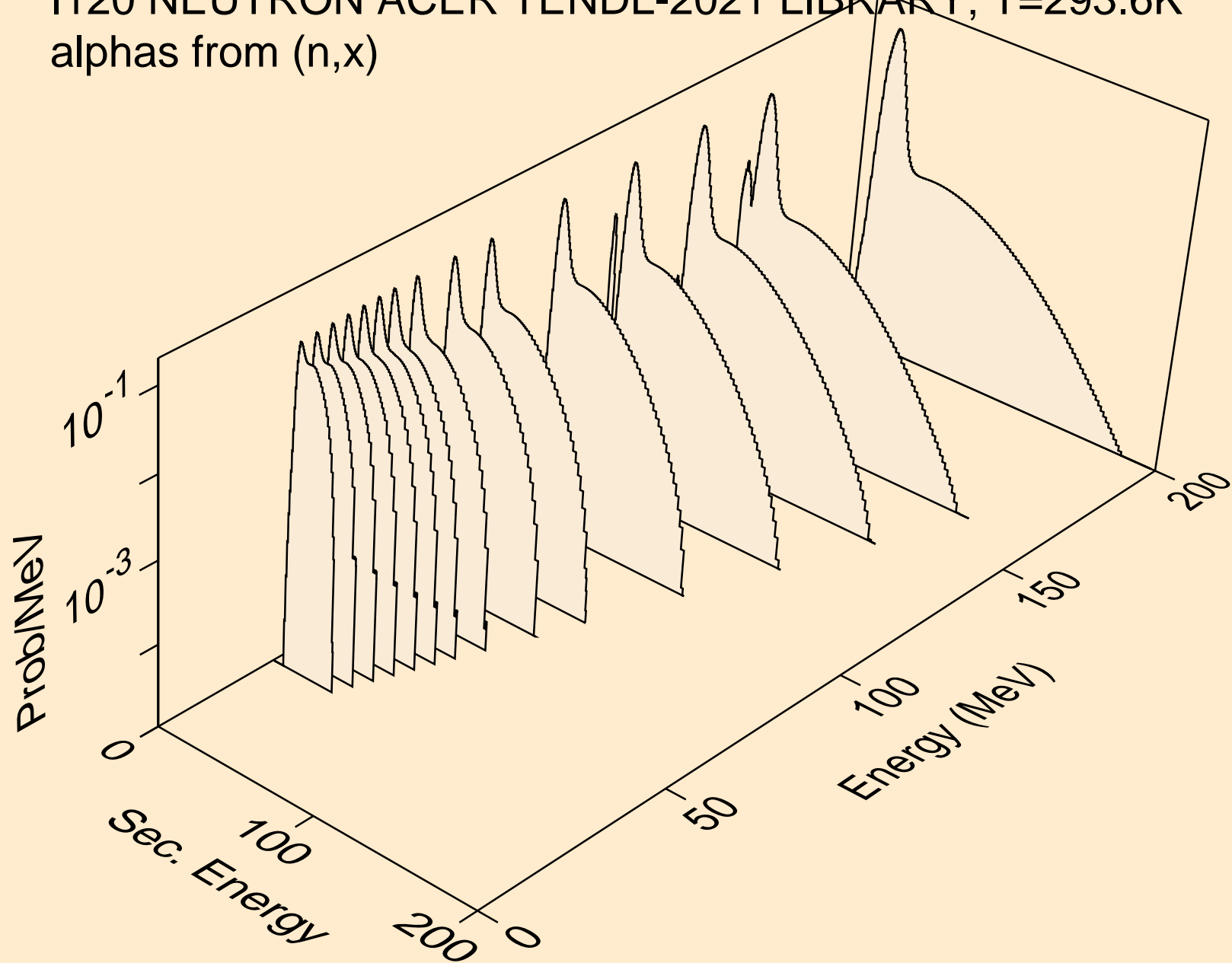
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he3s from (n,n\*)he3



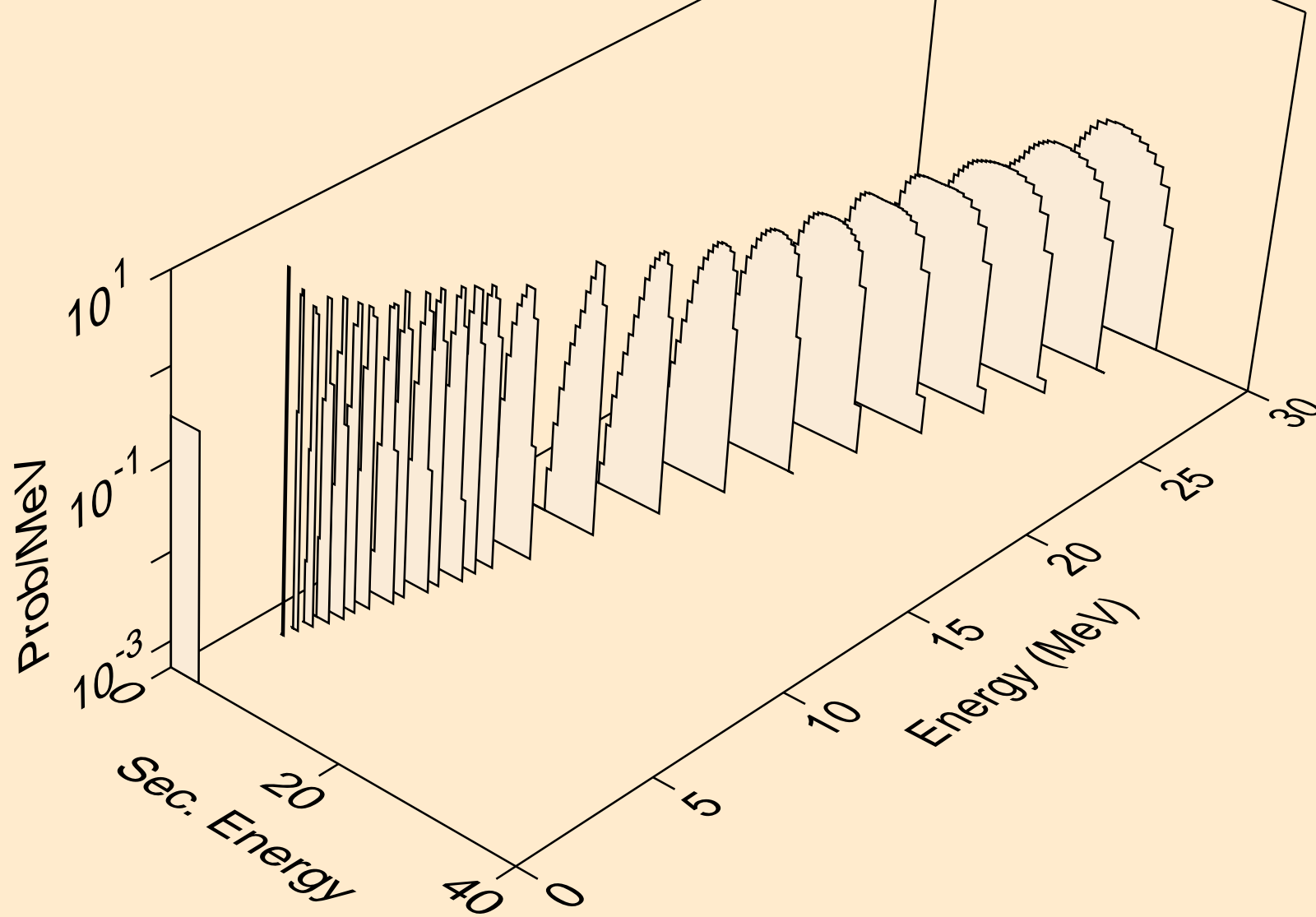
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he3s from (n,he3)



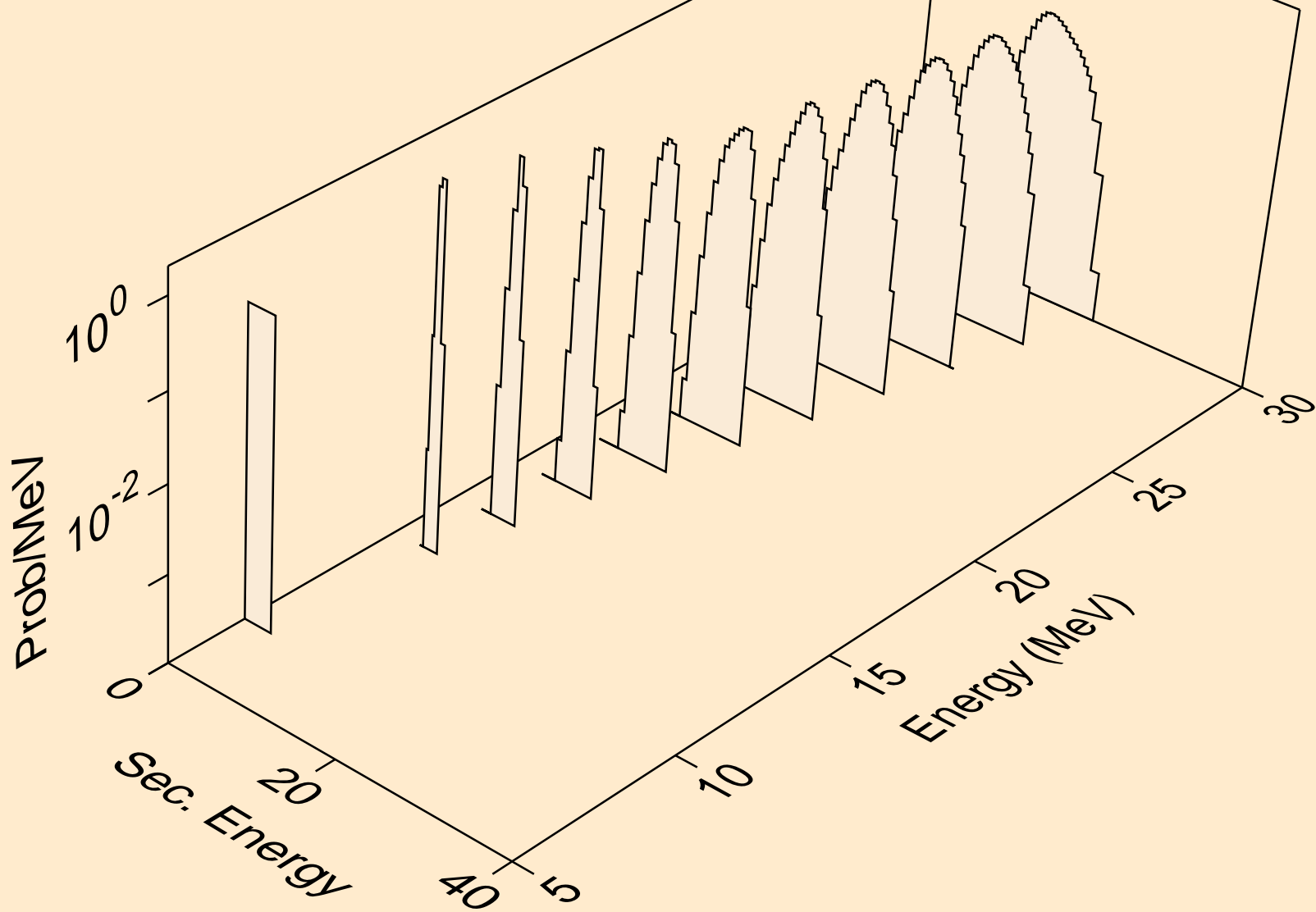
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



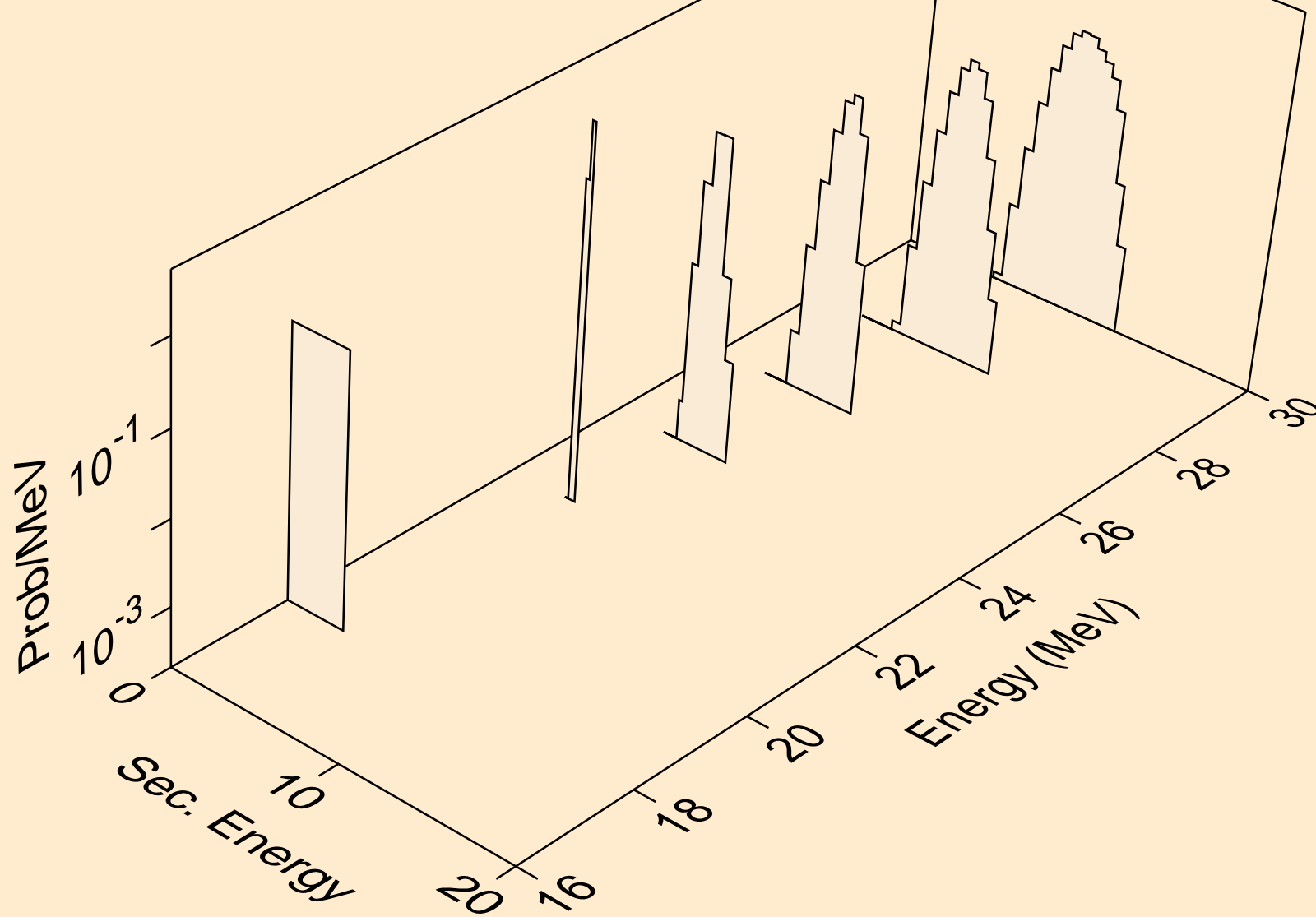
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

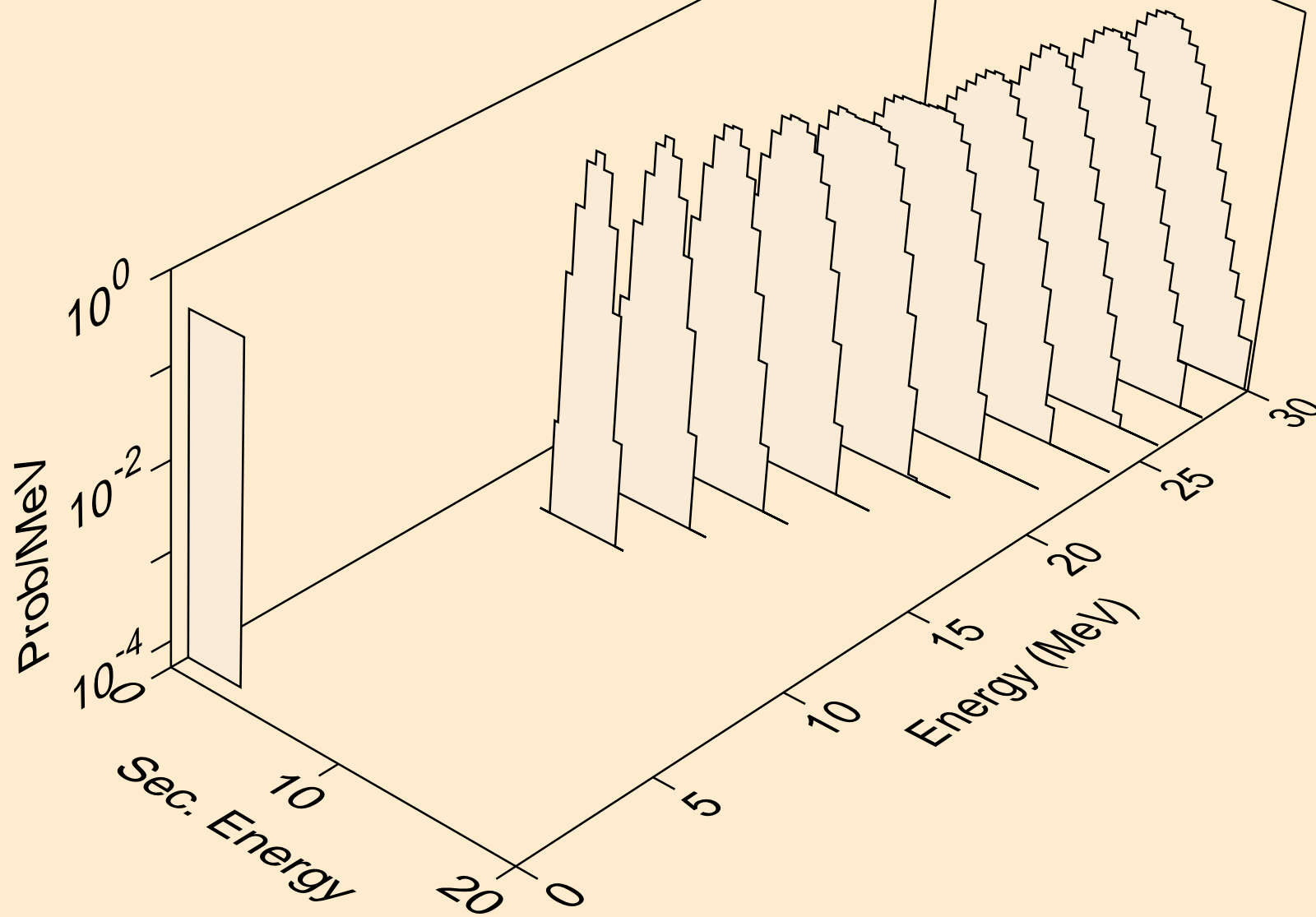


I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

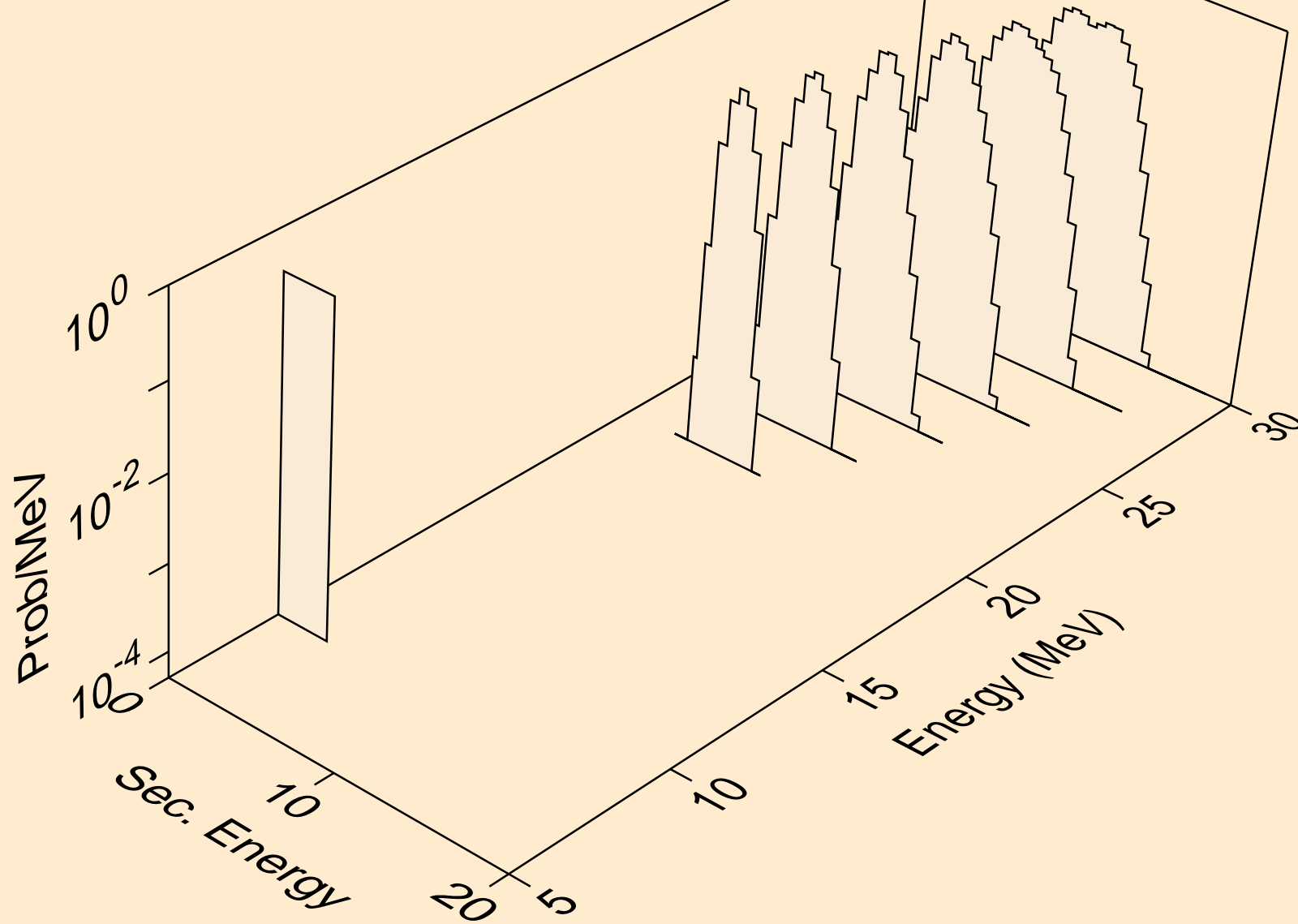




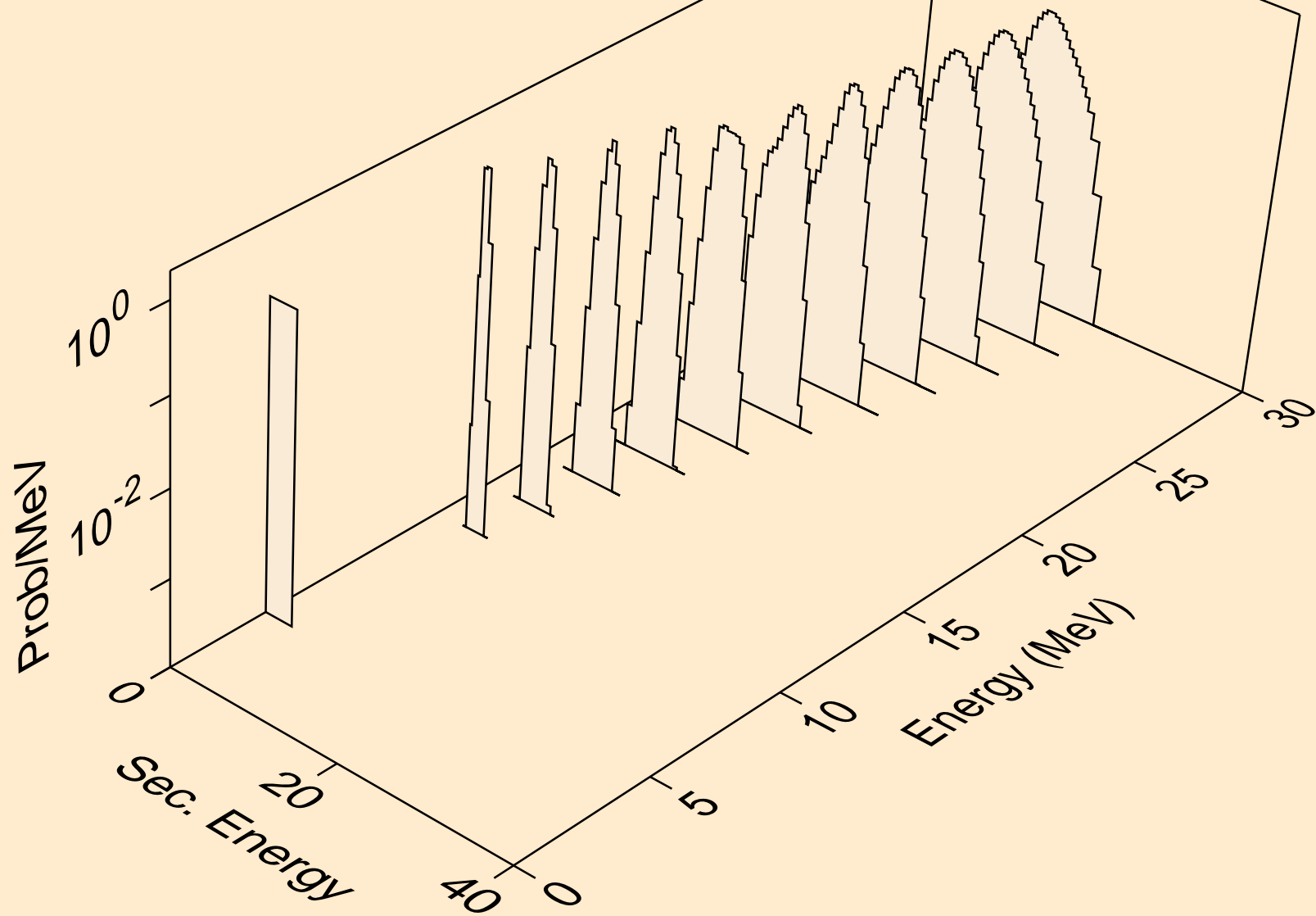
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



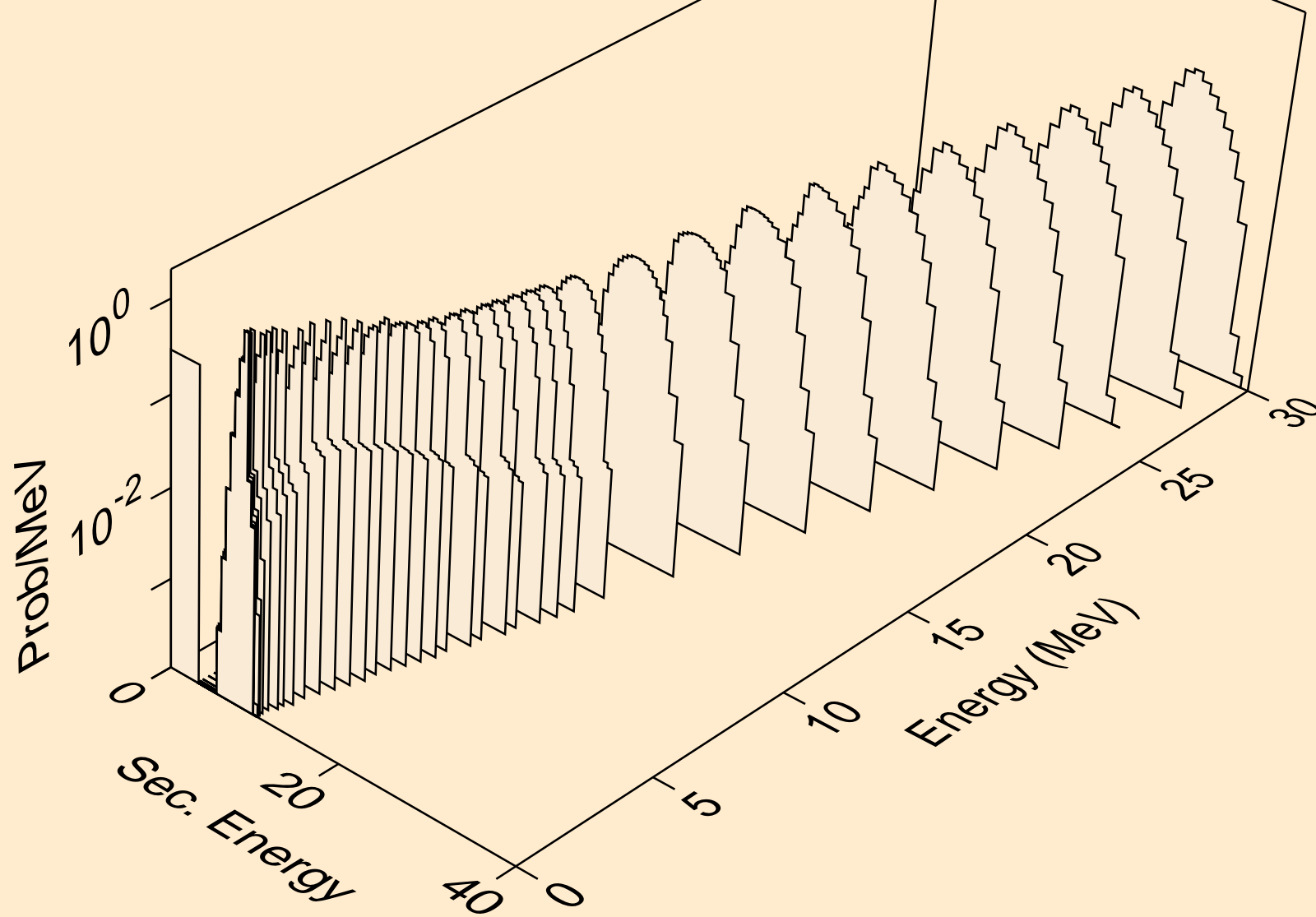
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



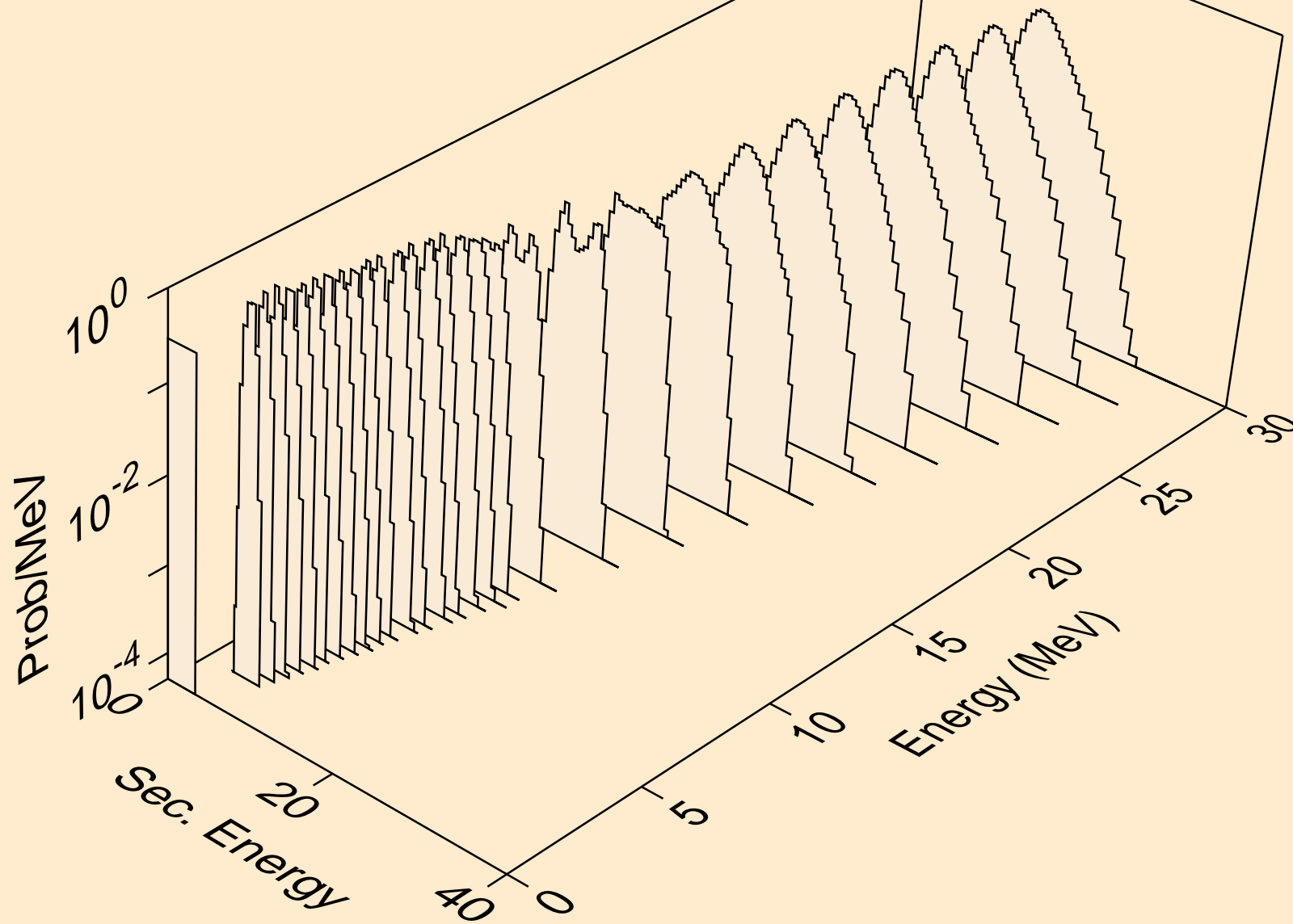
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



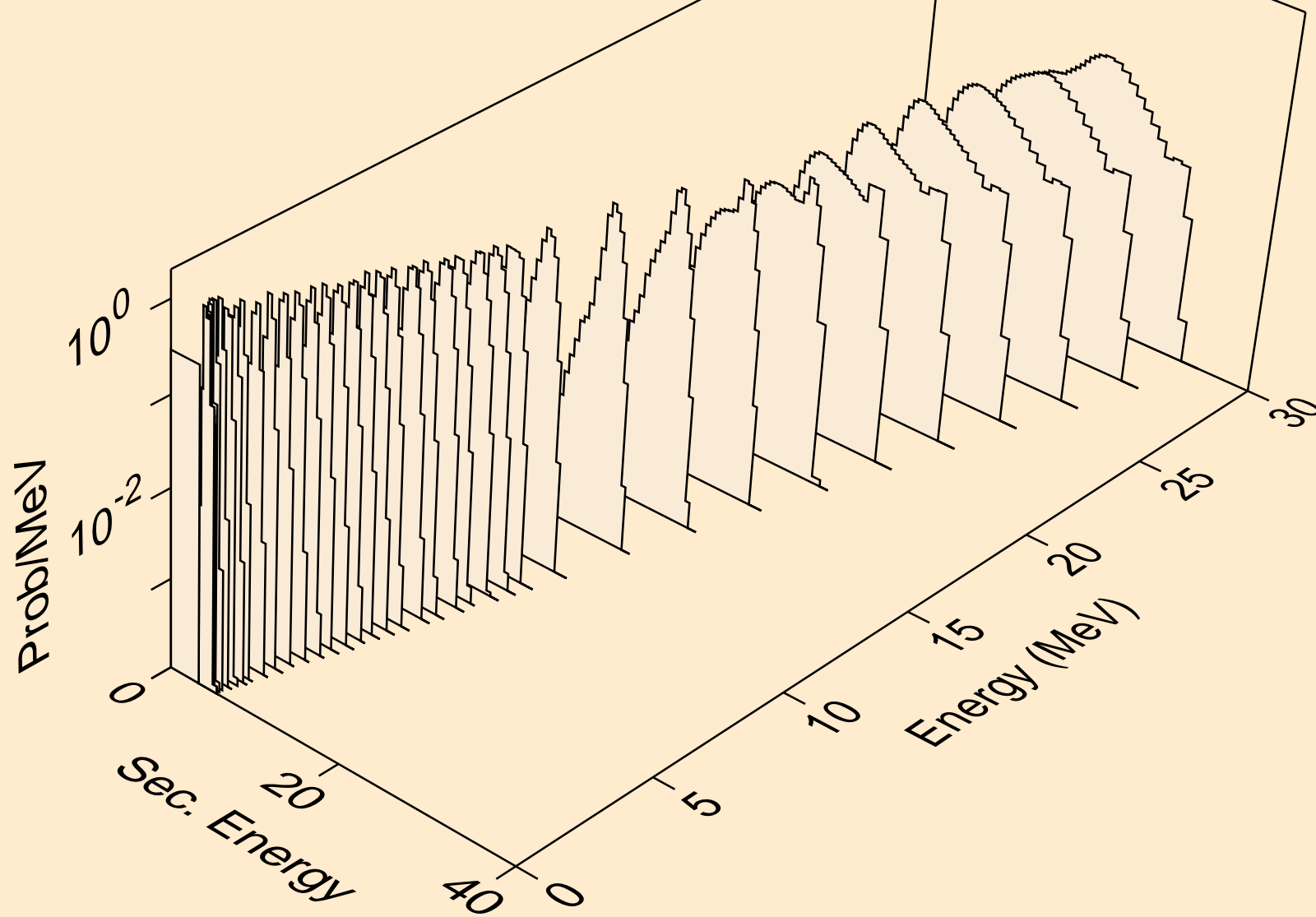
I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



I120 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

