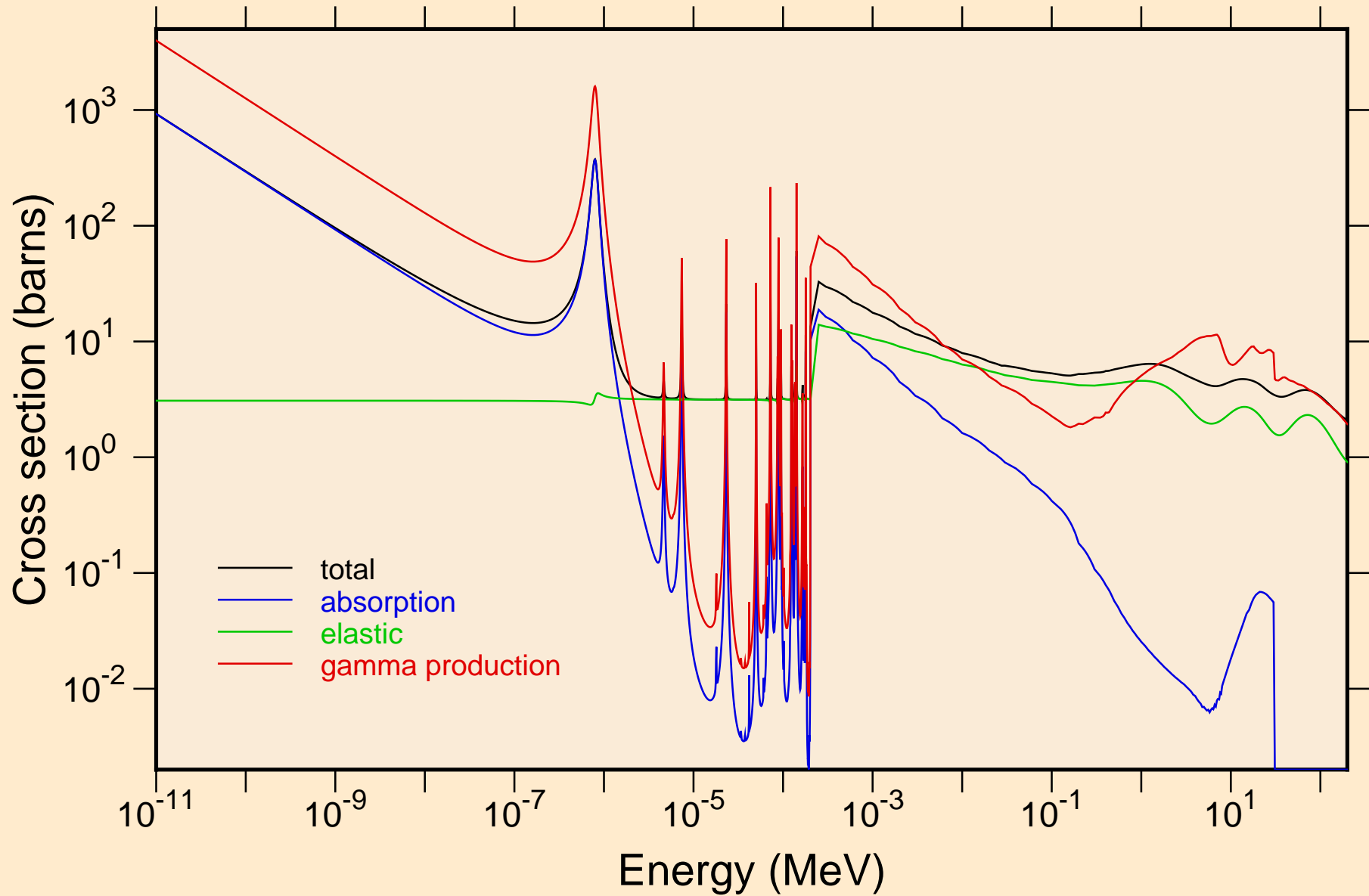
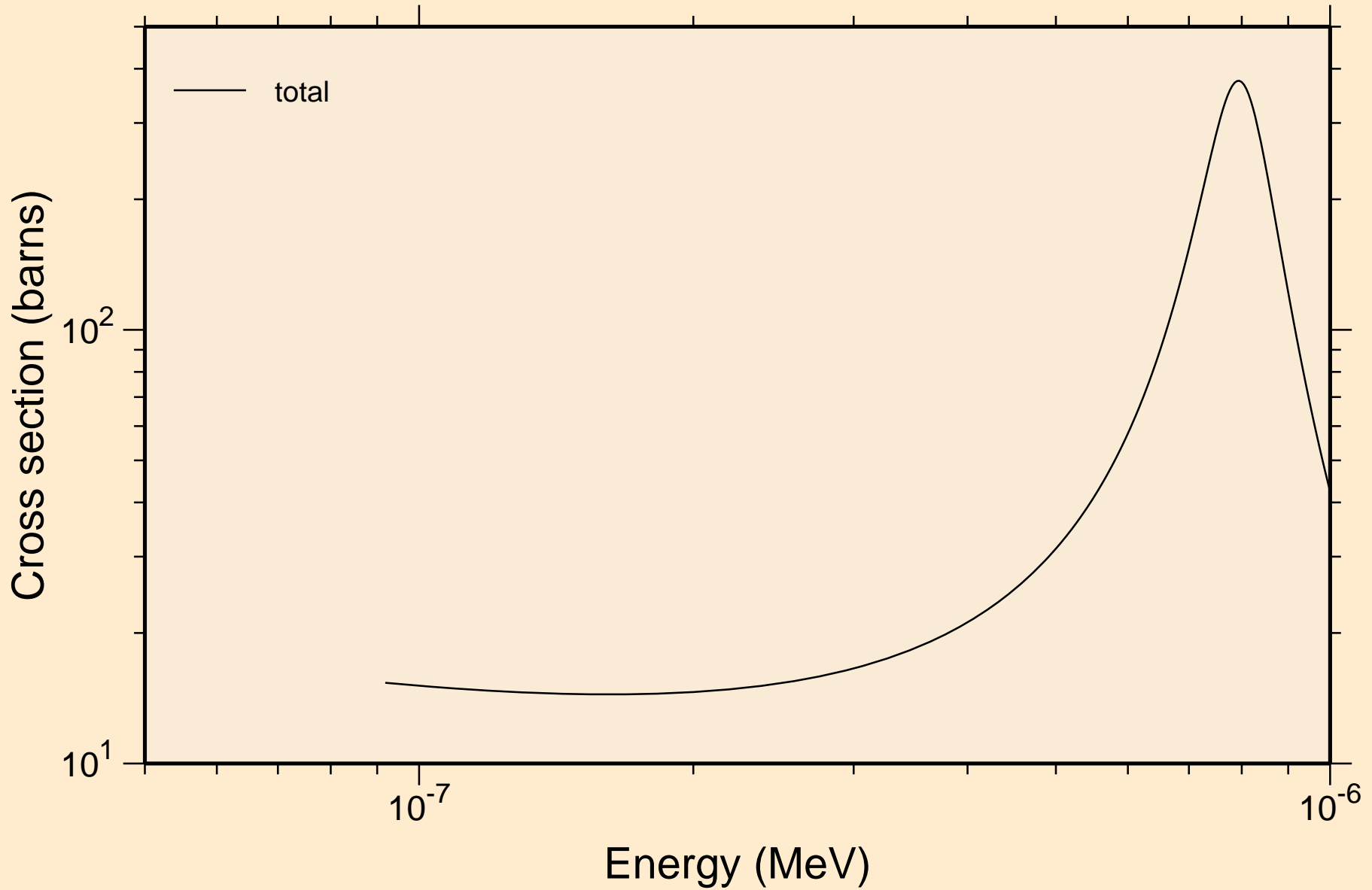


# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

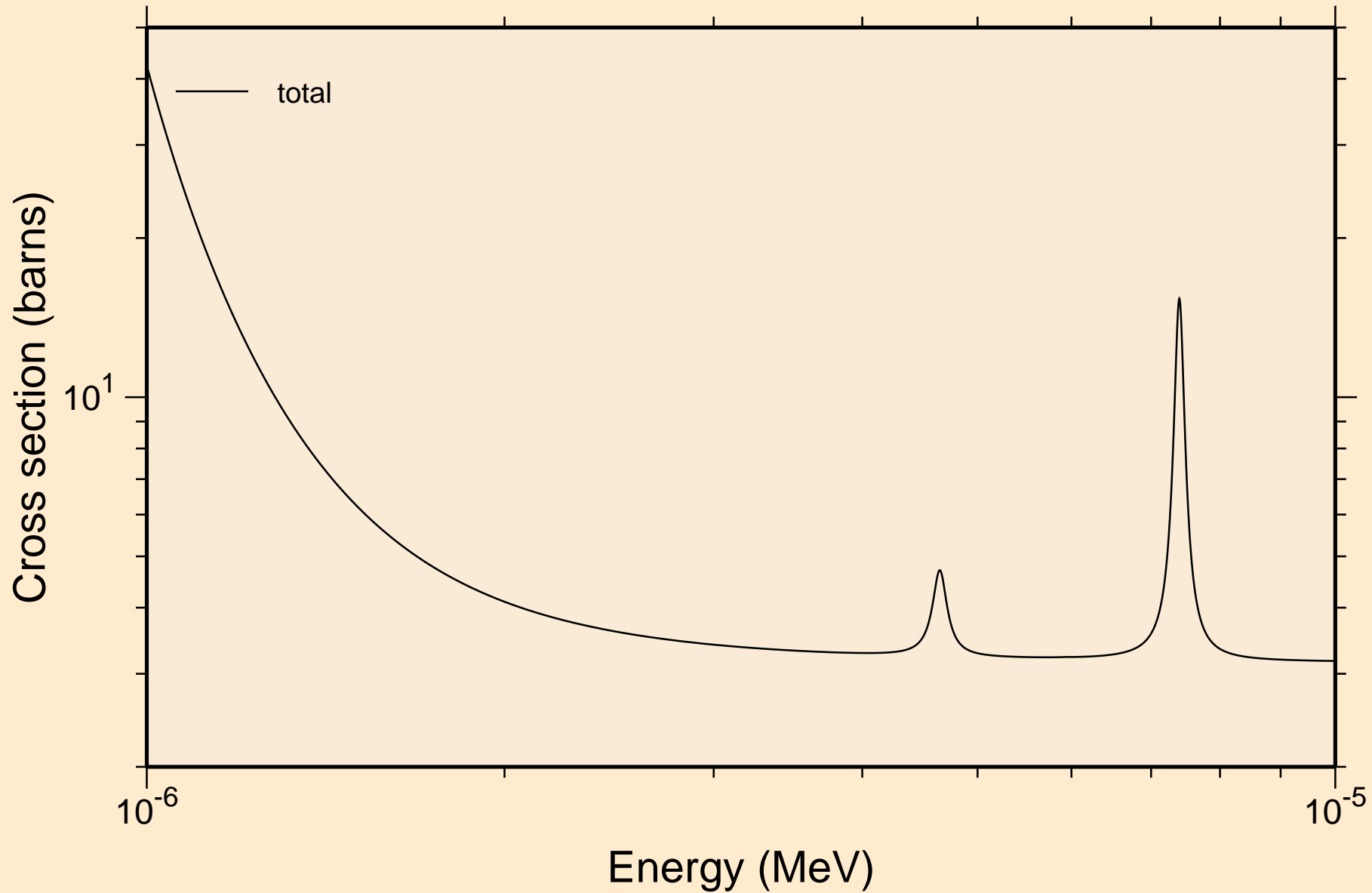
## Principal cross sections



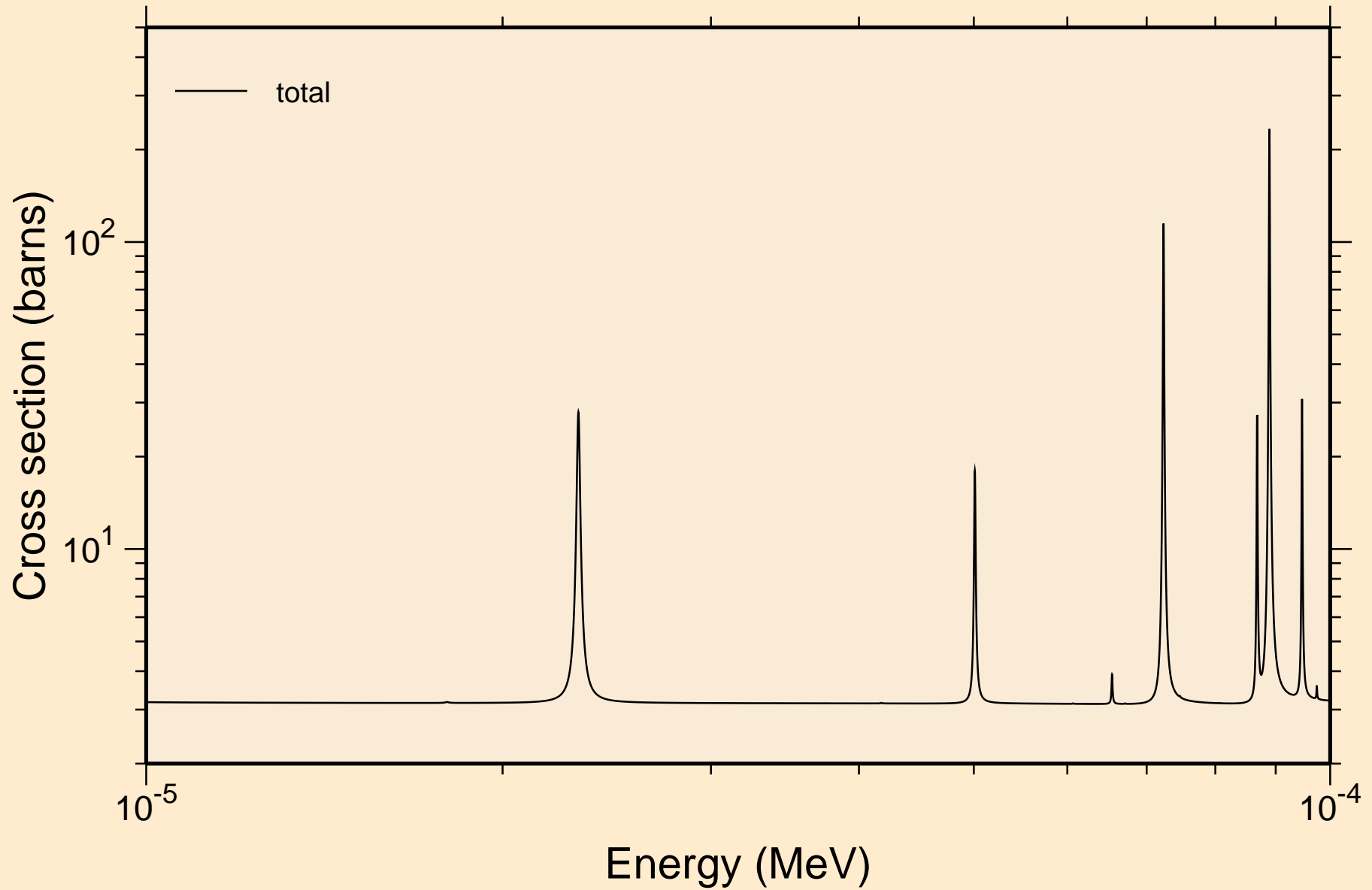
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



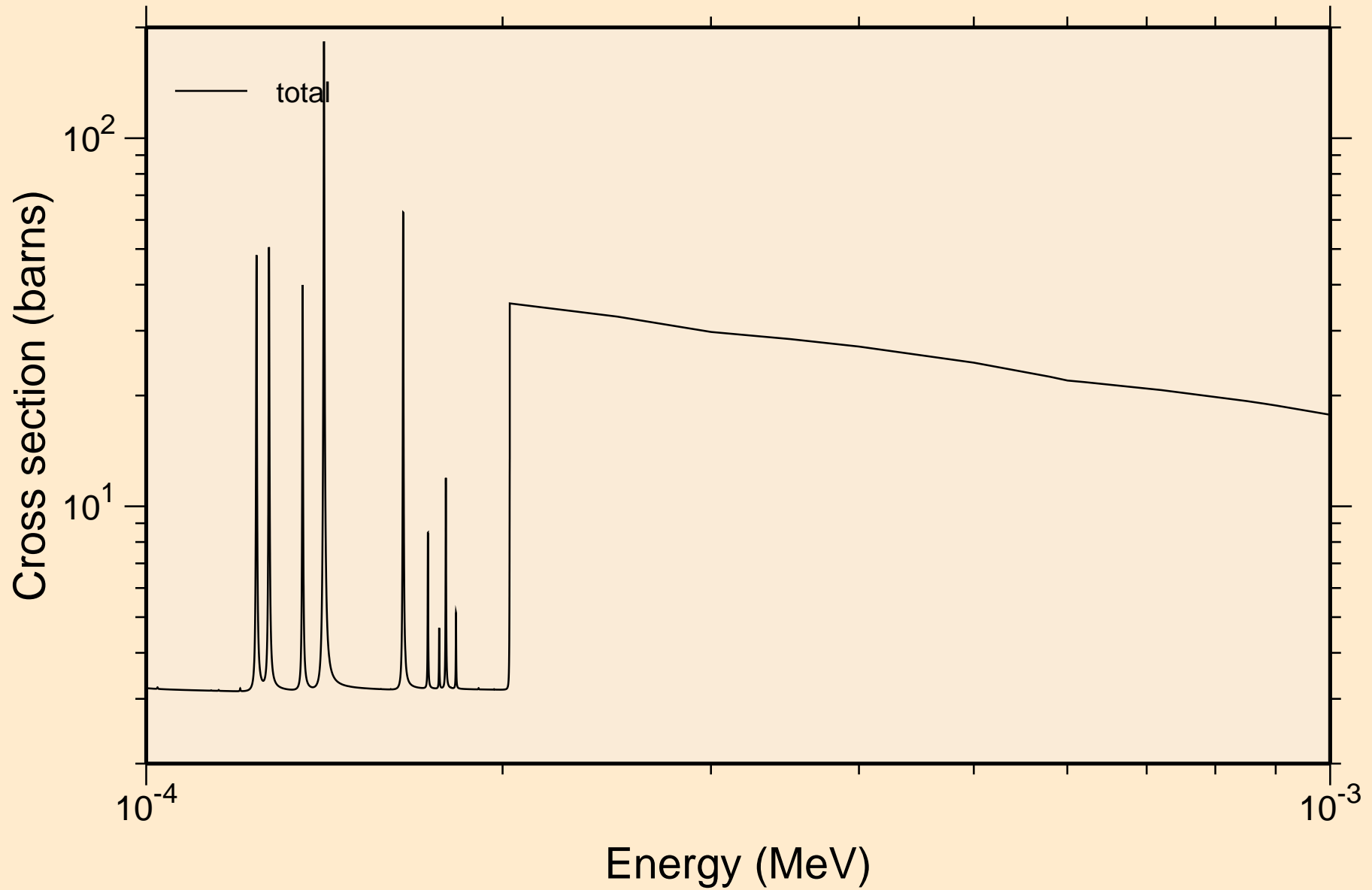
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



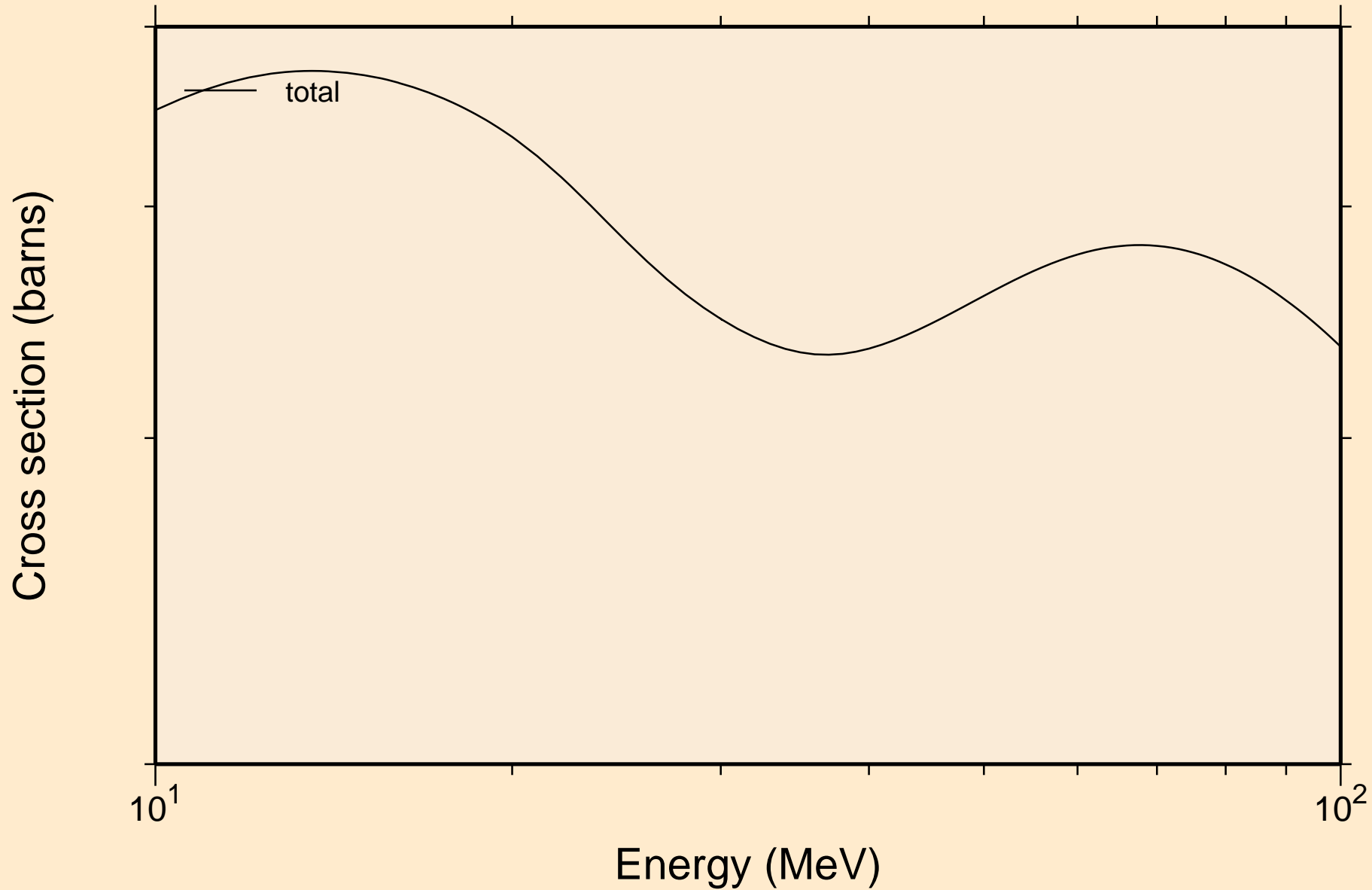
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



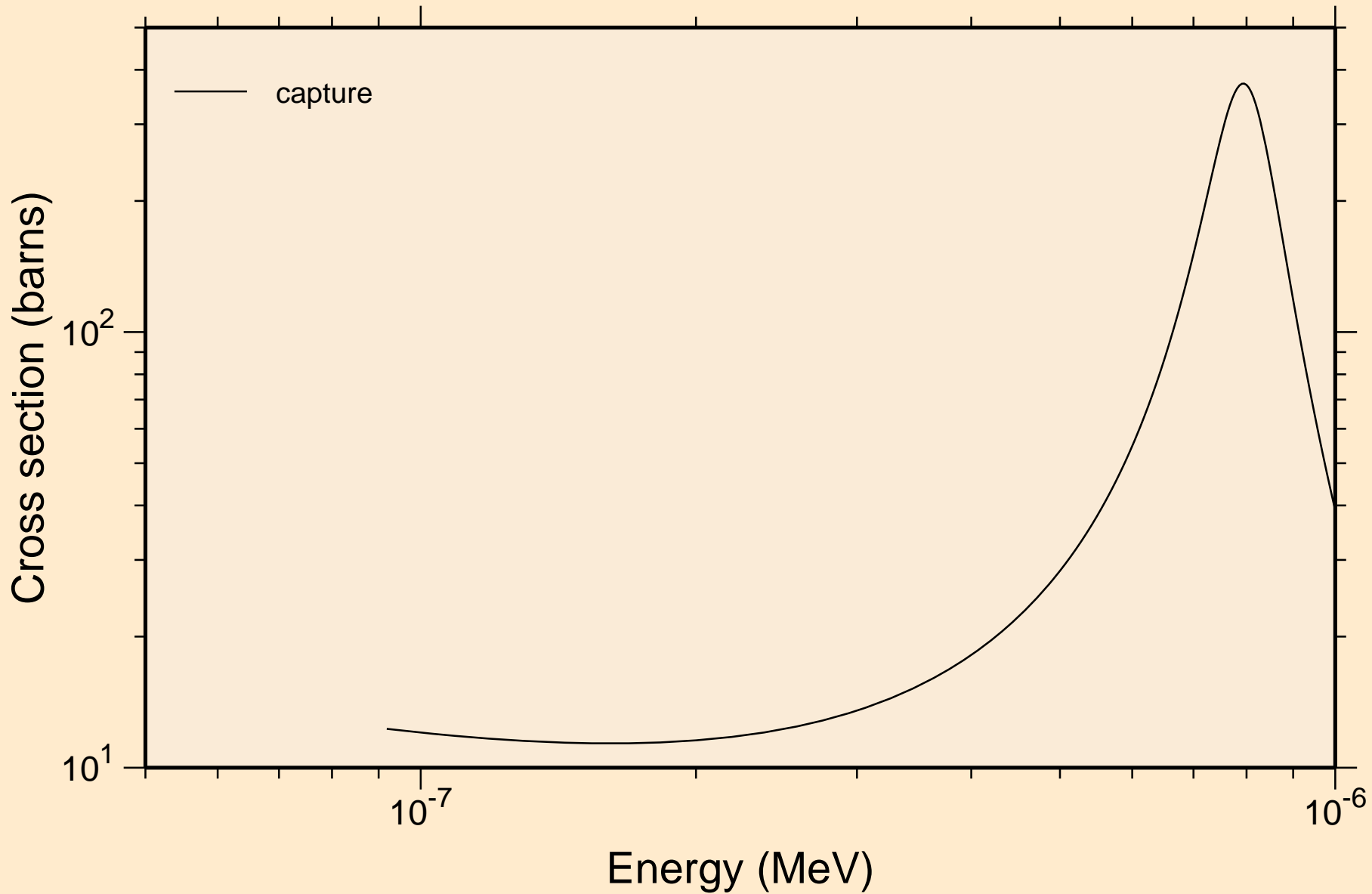
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



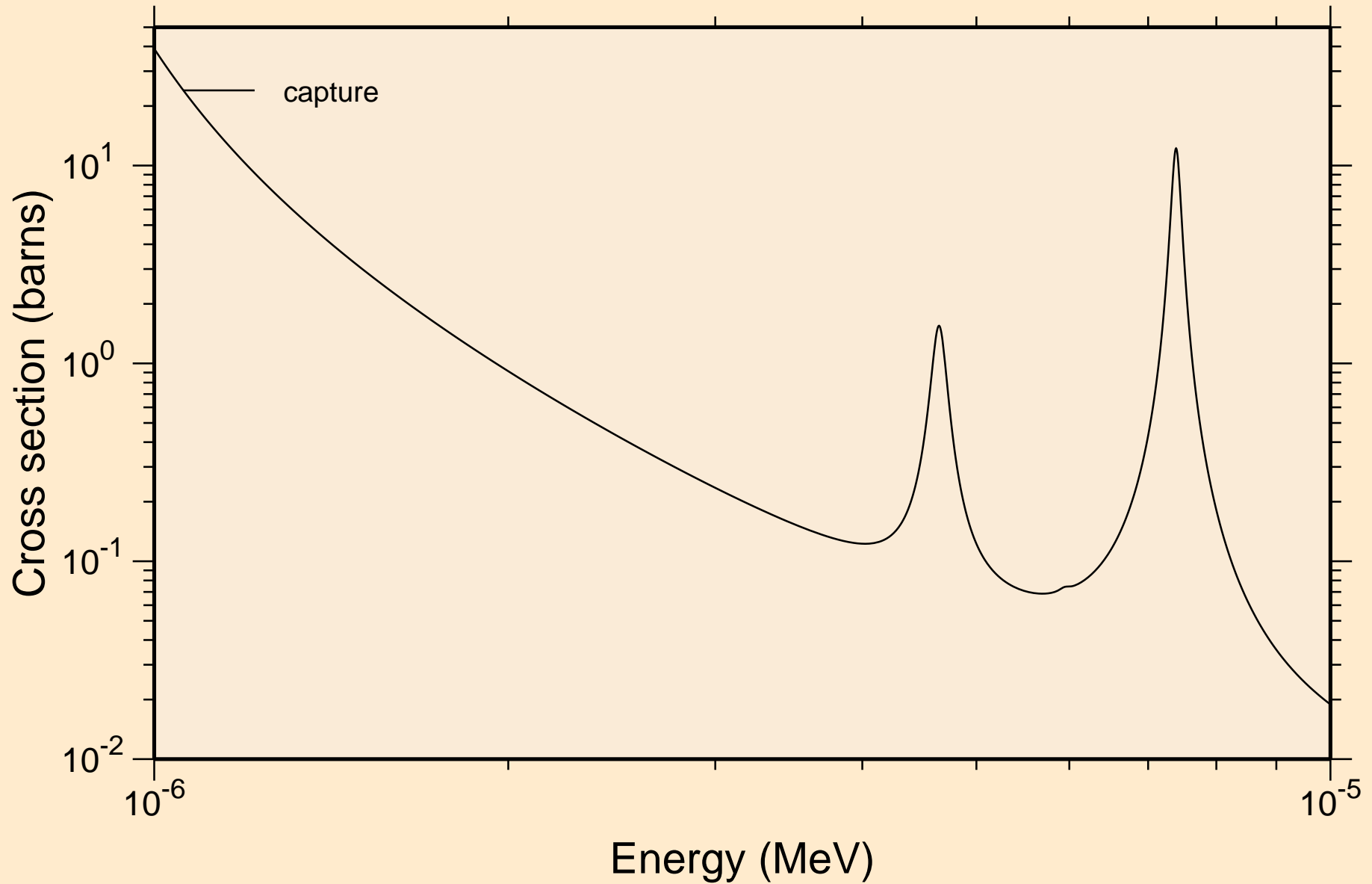
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

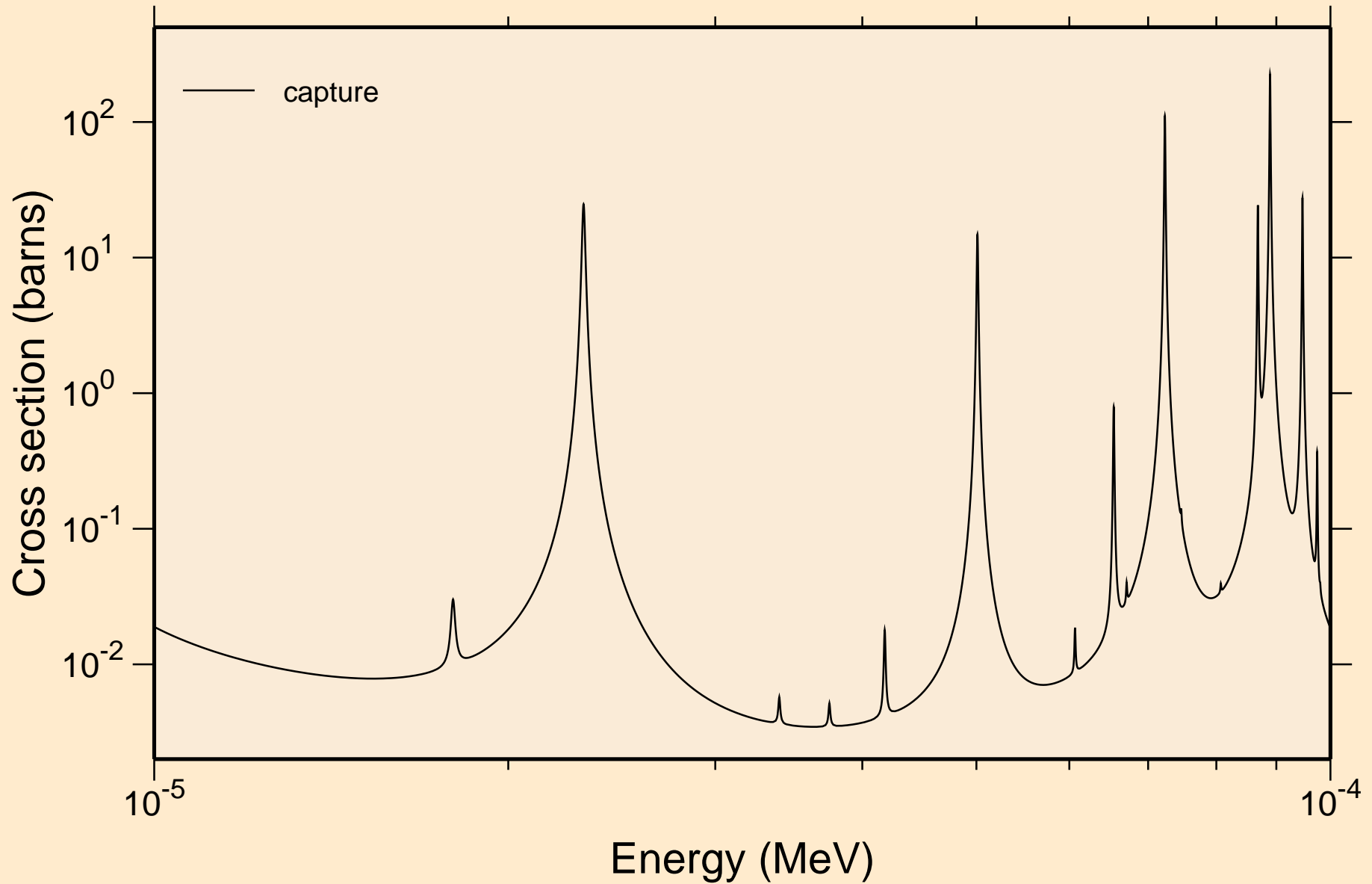


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

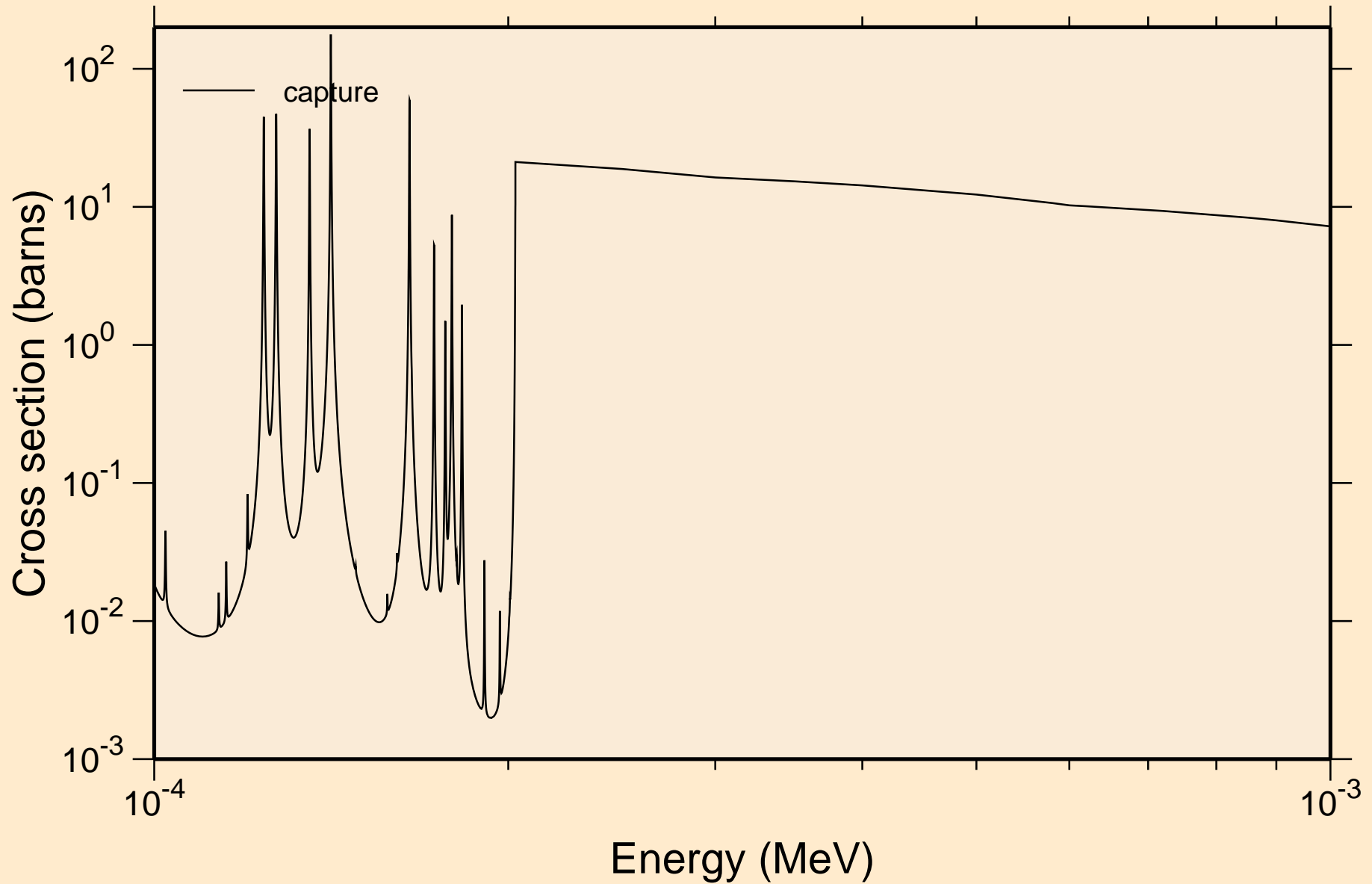




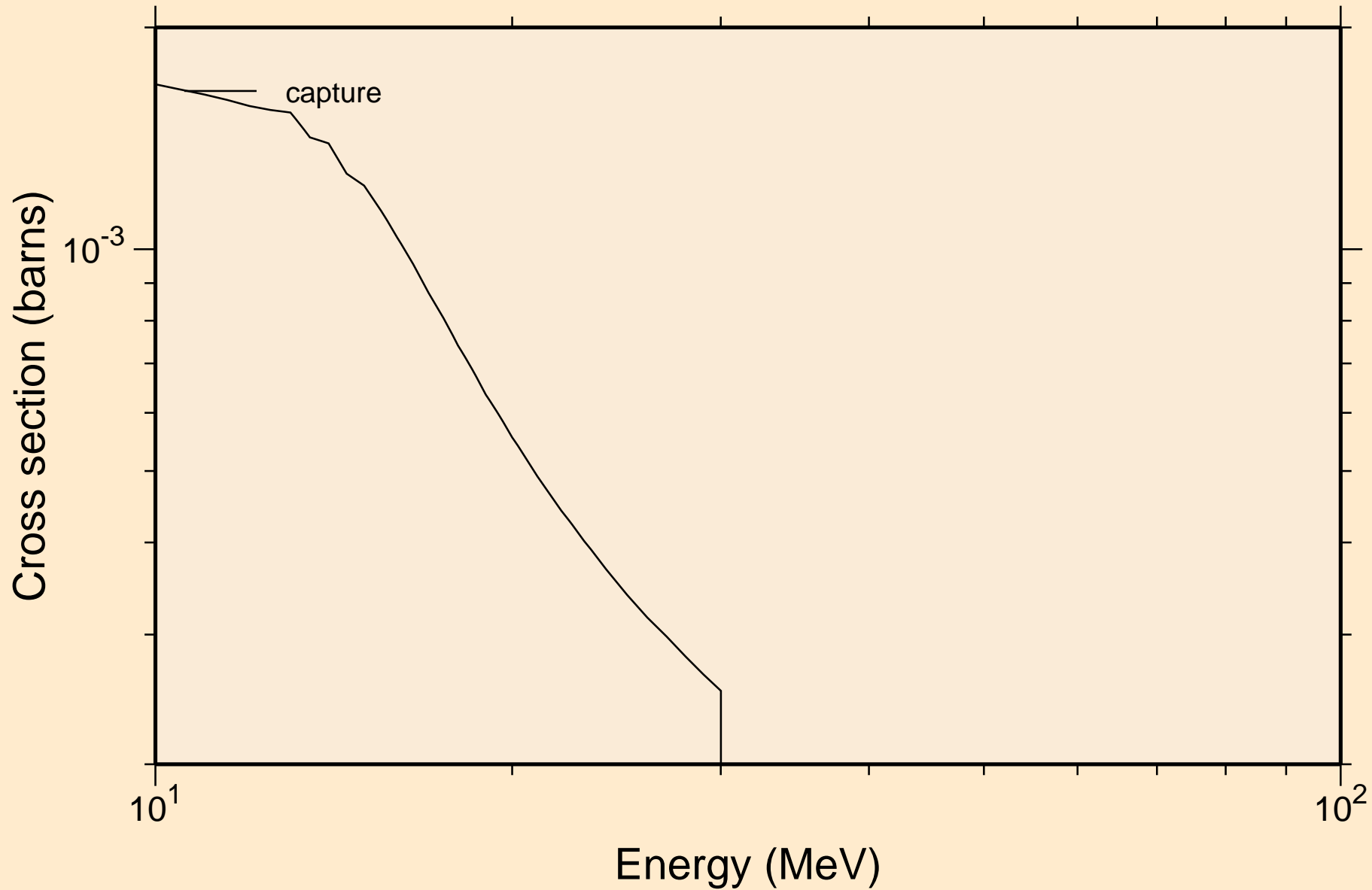
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

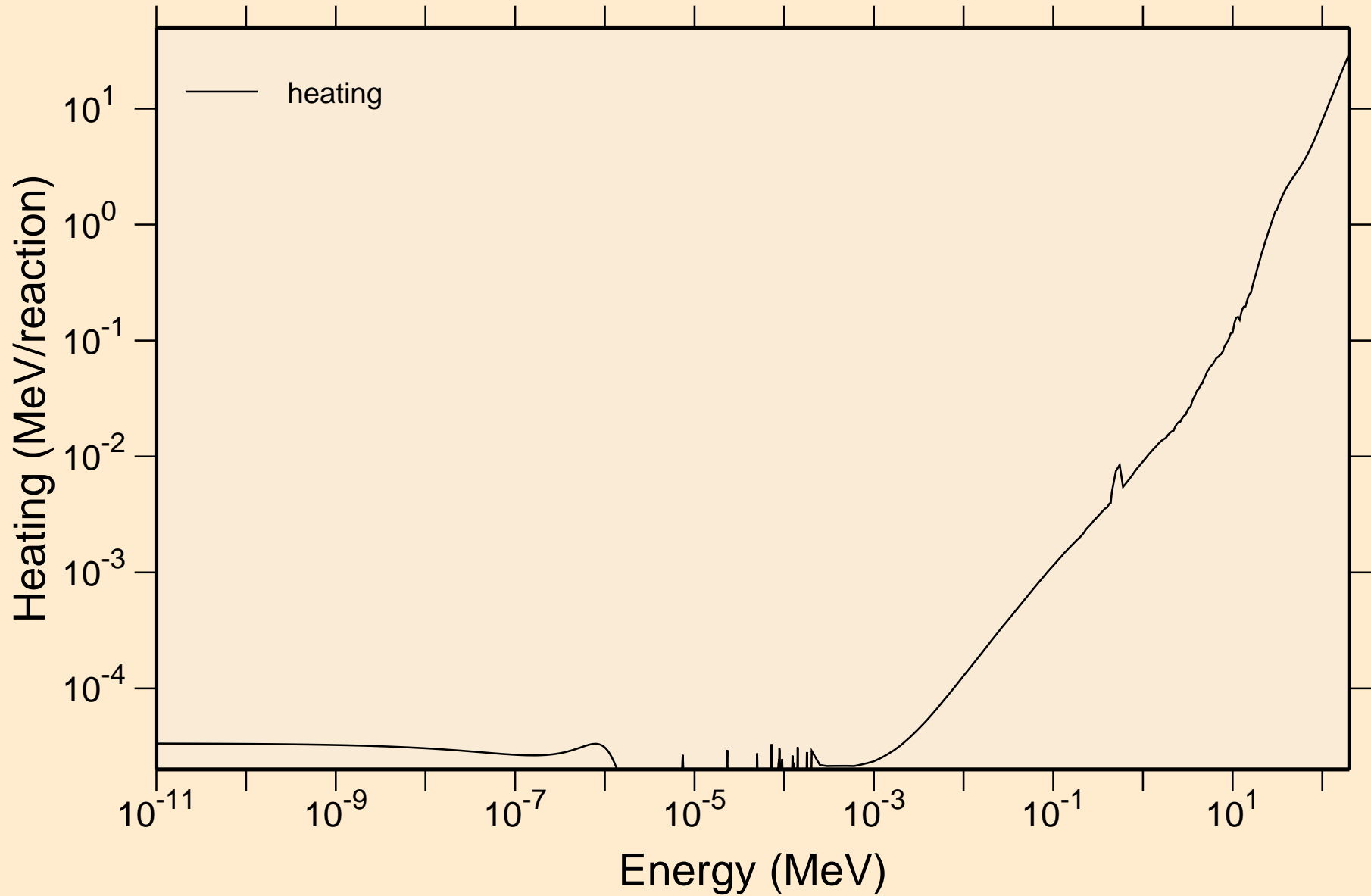


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



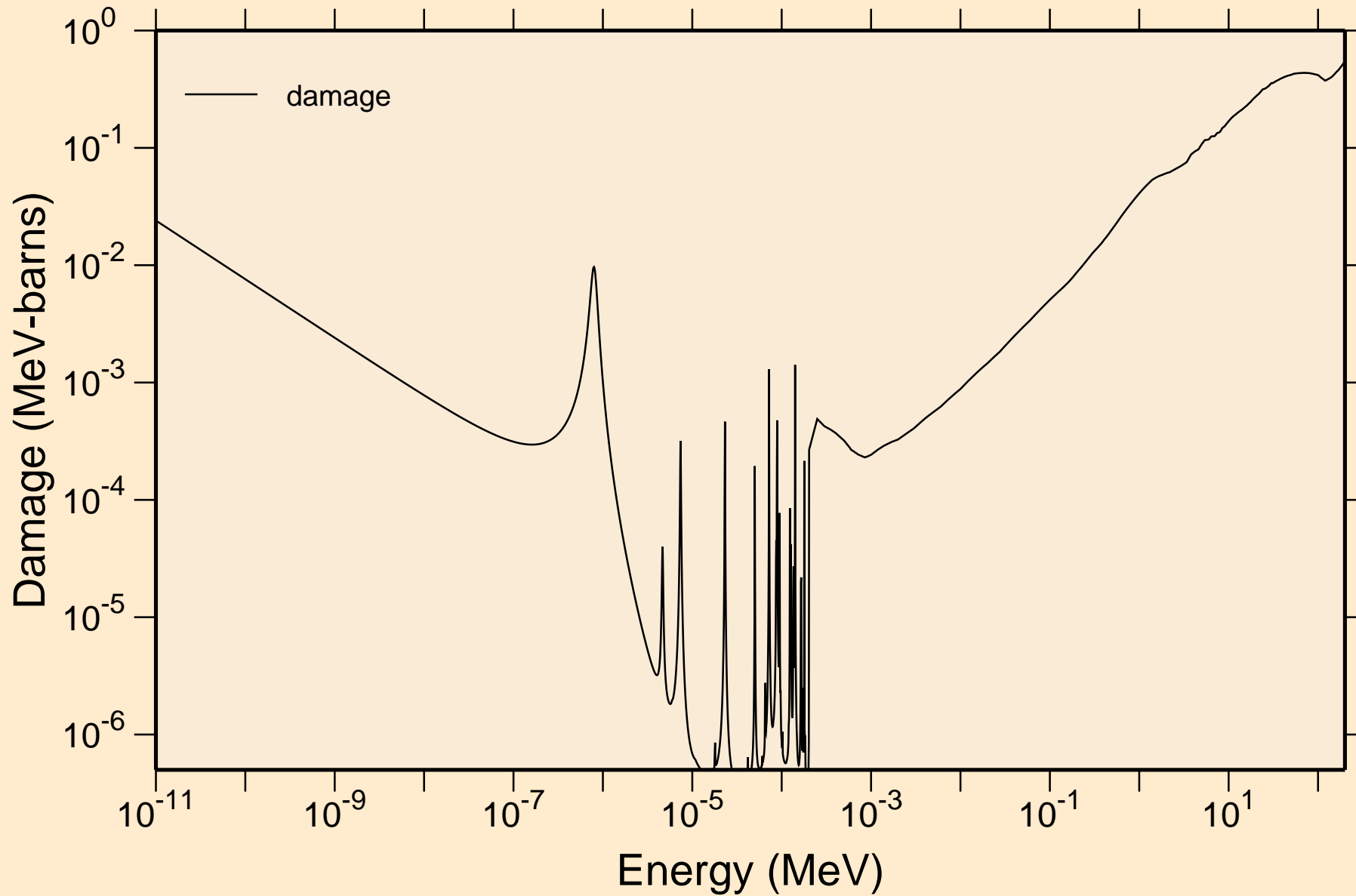
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



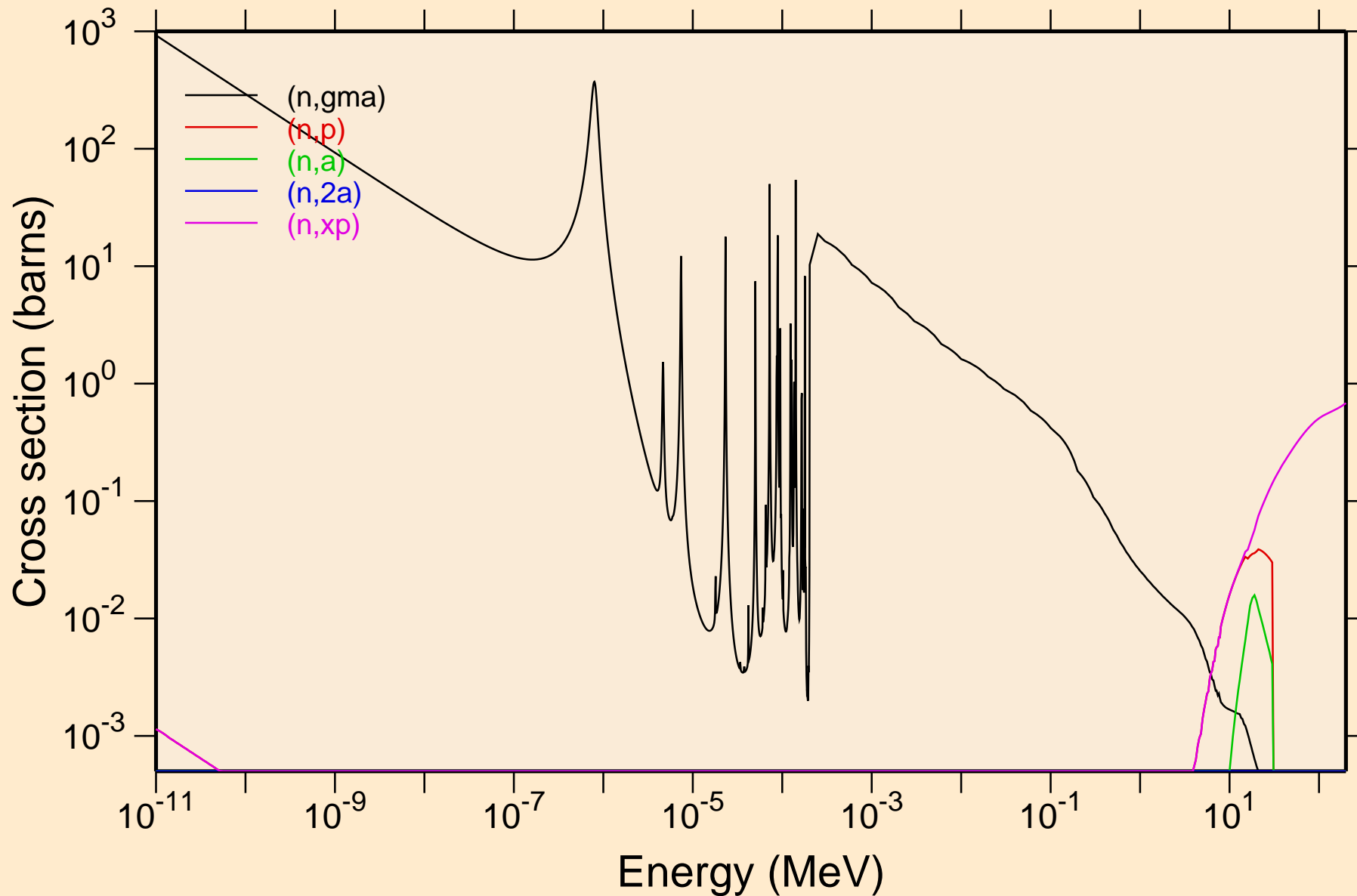
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

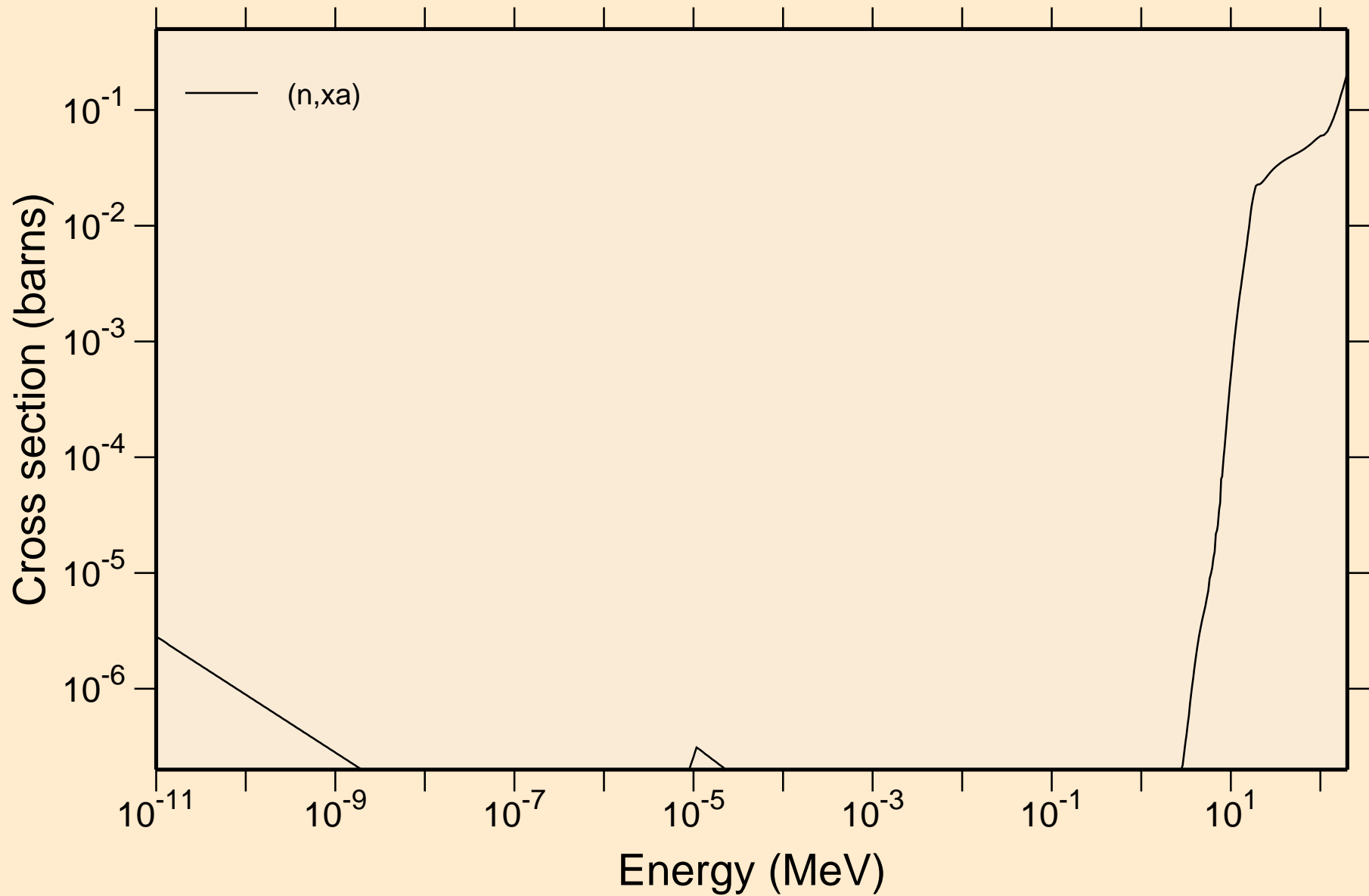


# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

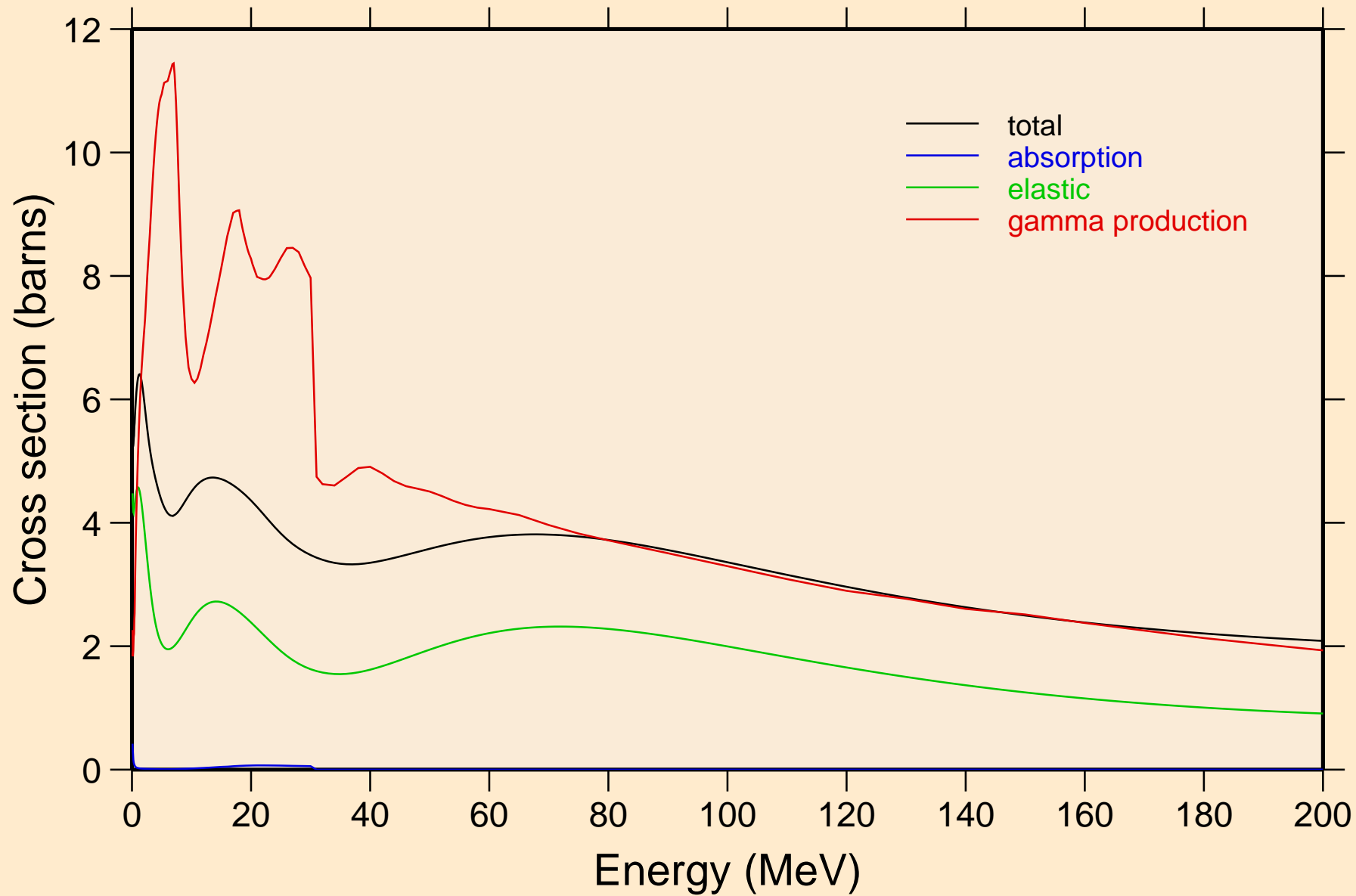


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

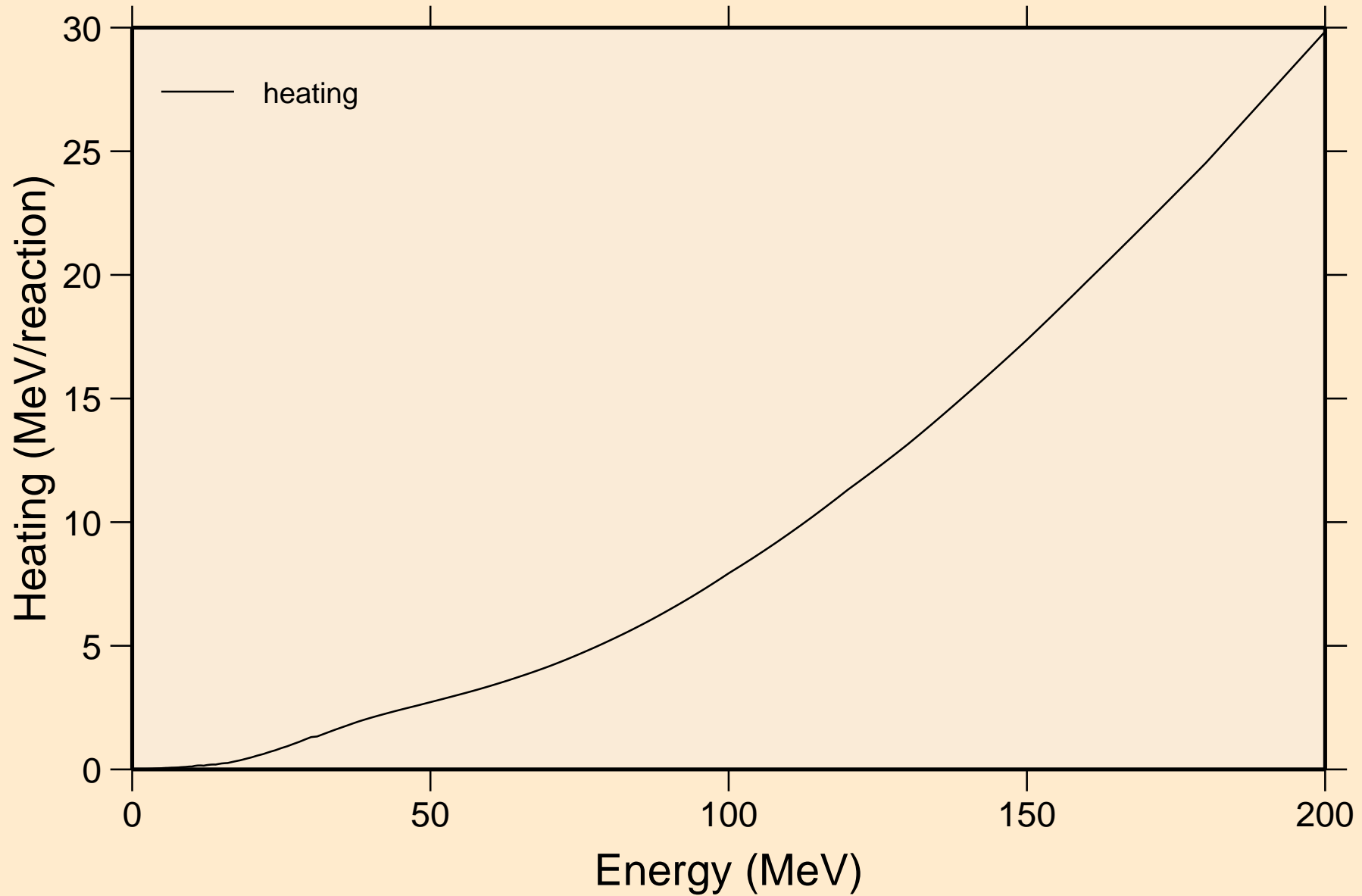
## Principal cross sections





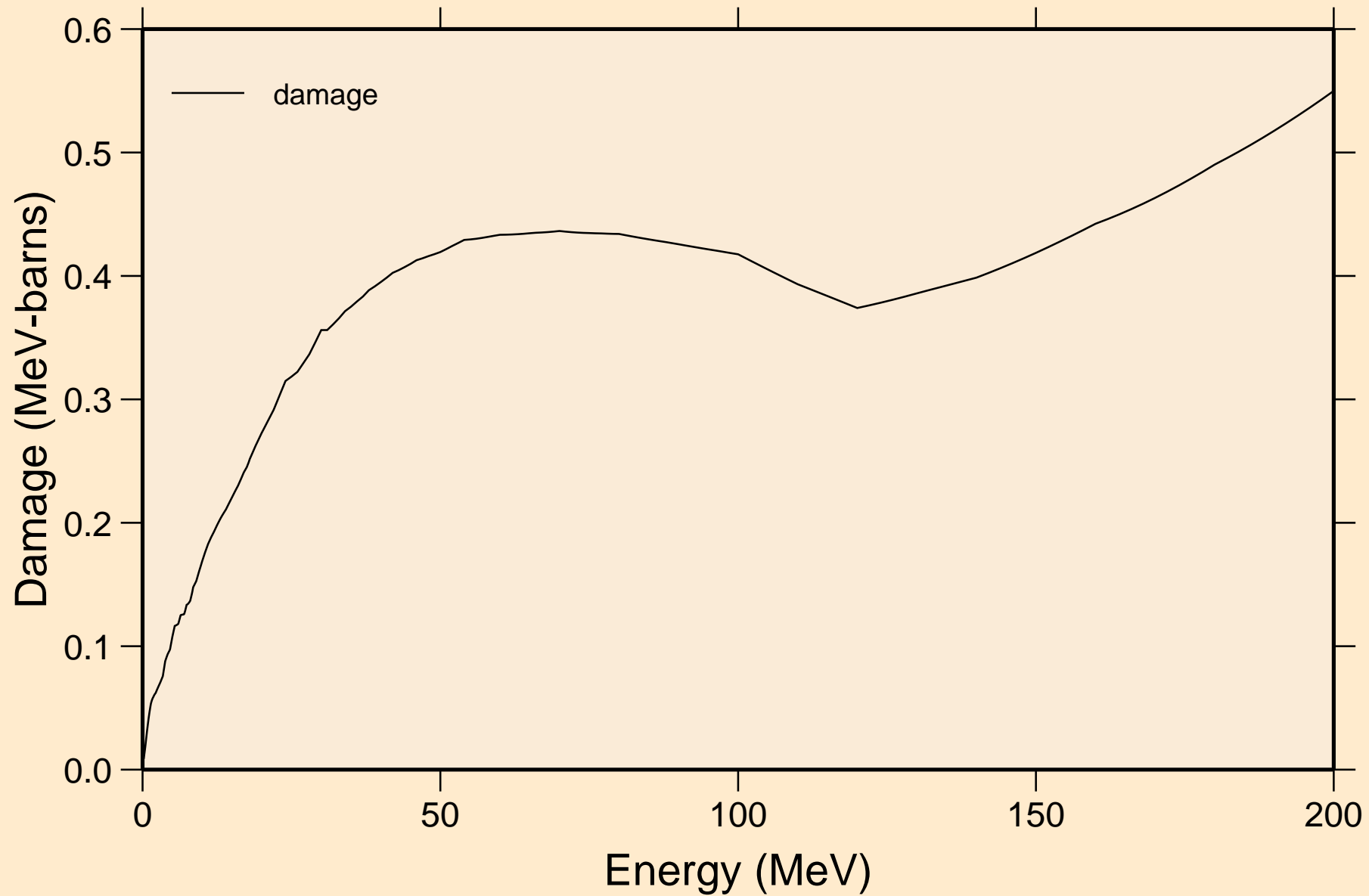
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



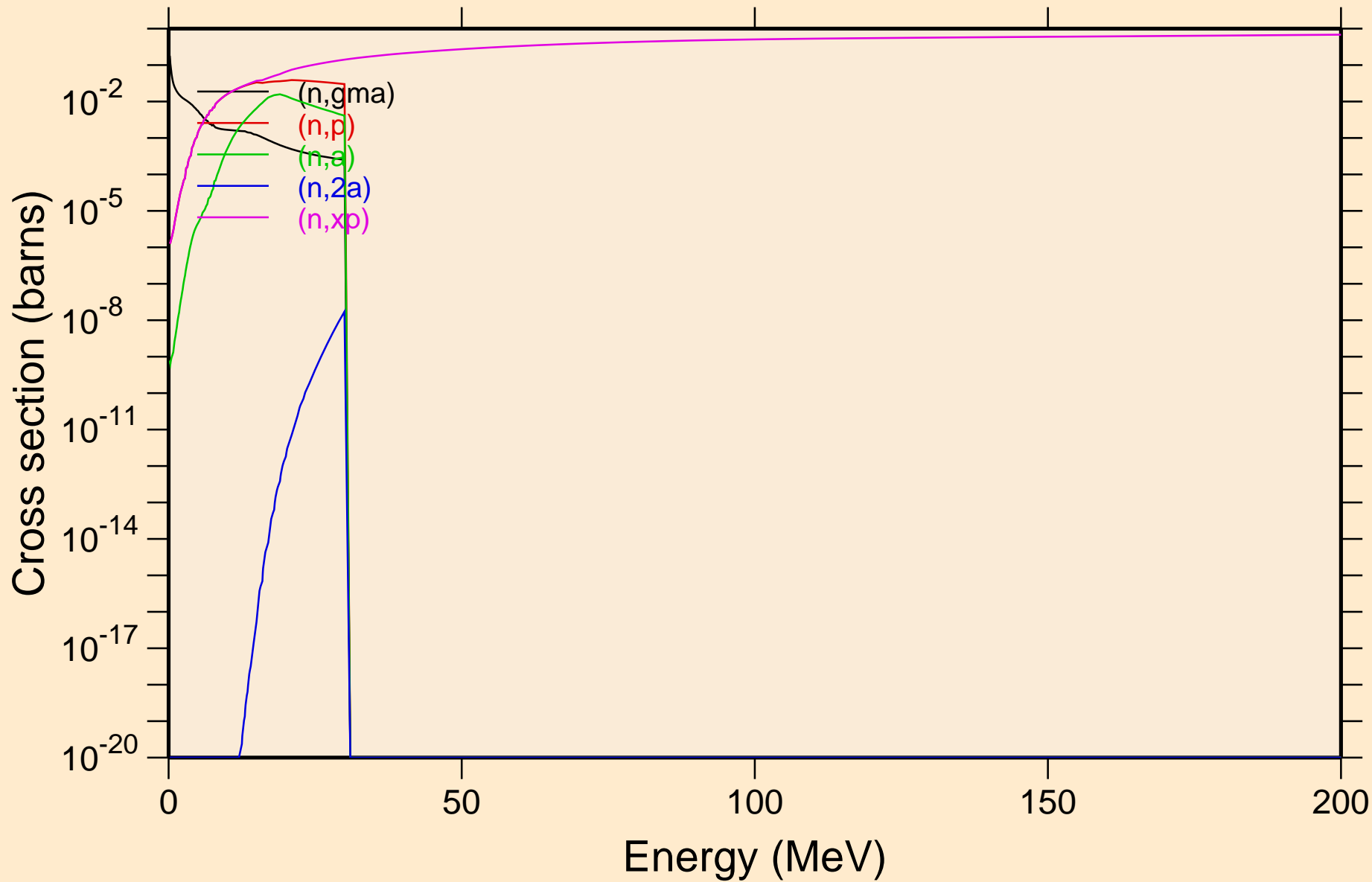
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

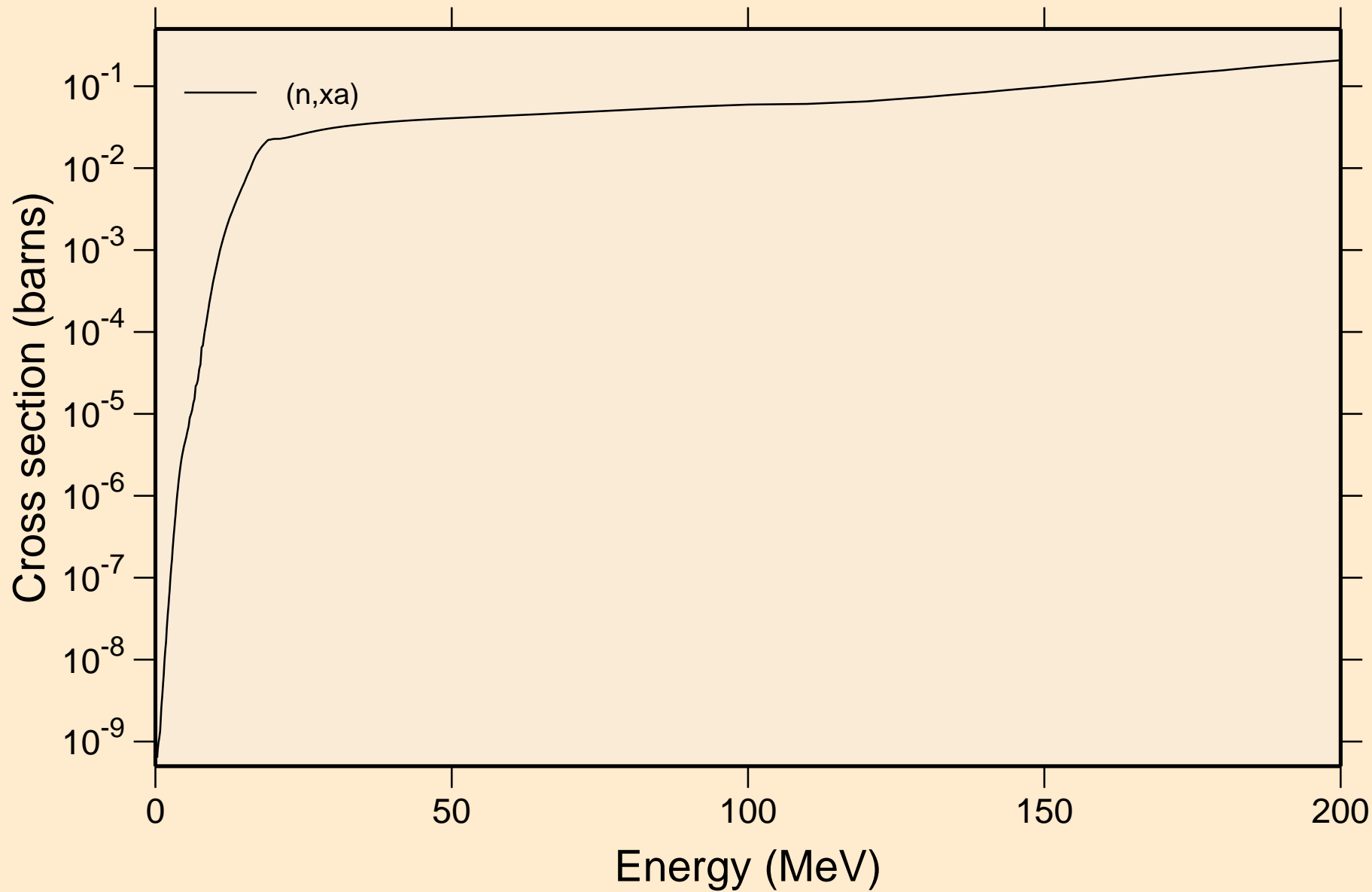


# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

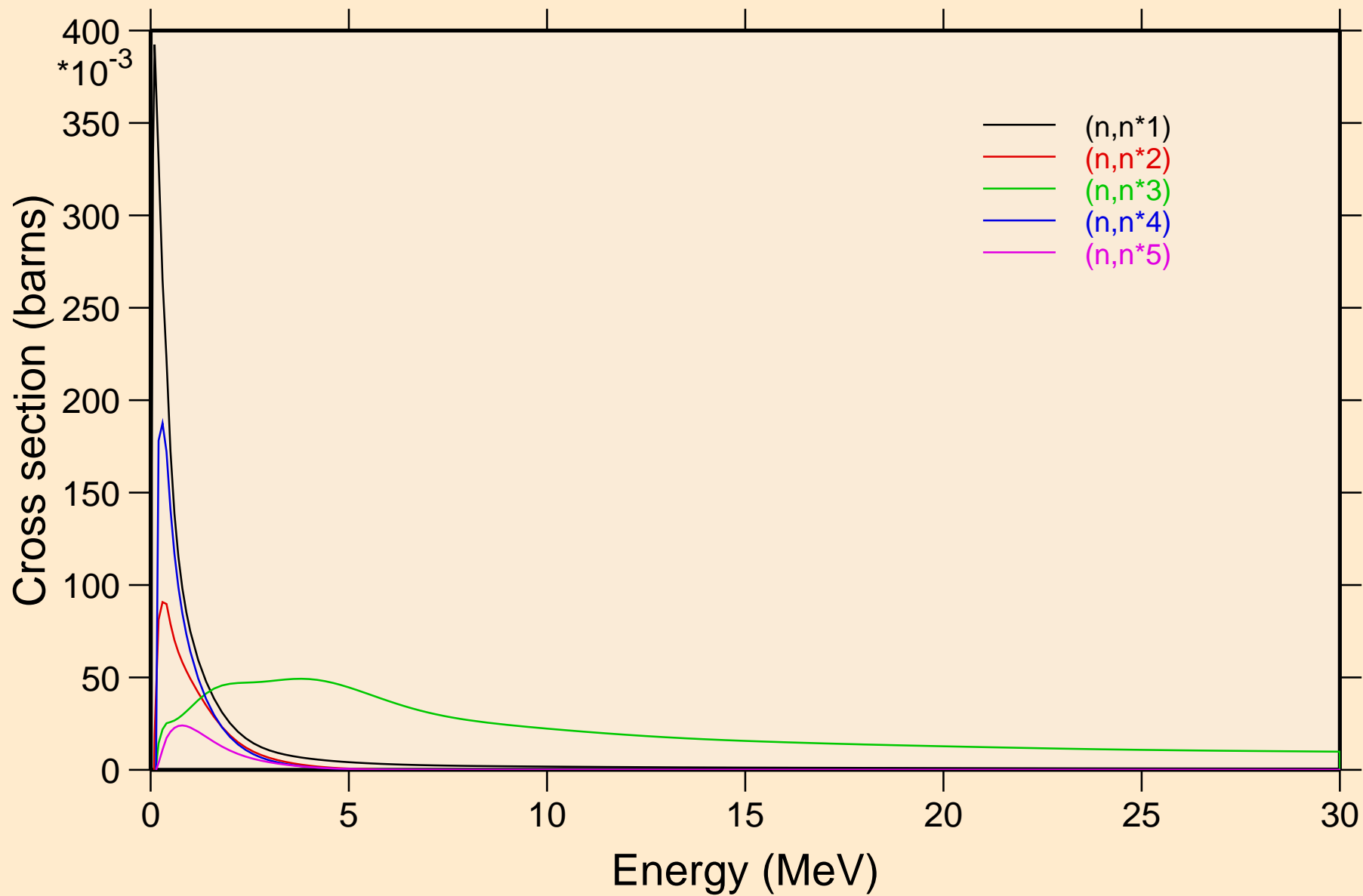


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

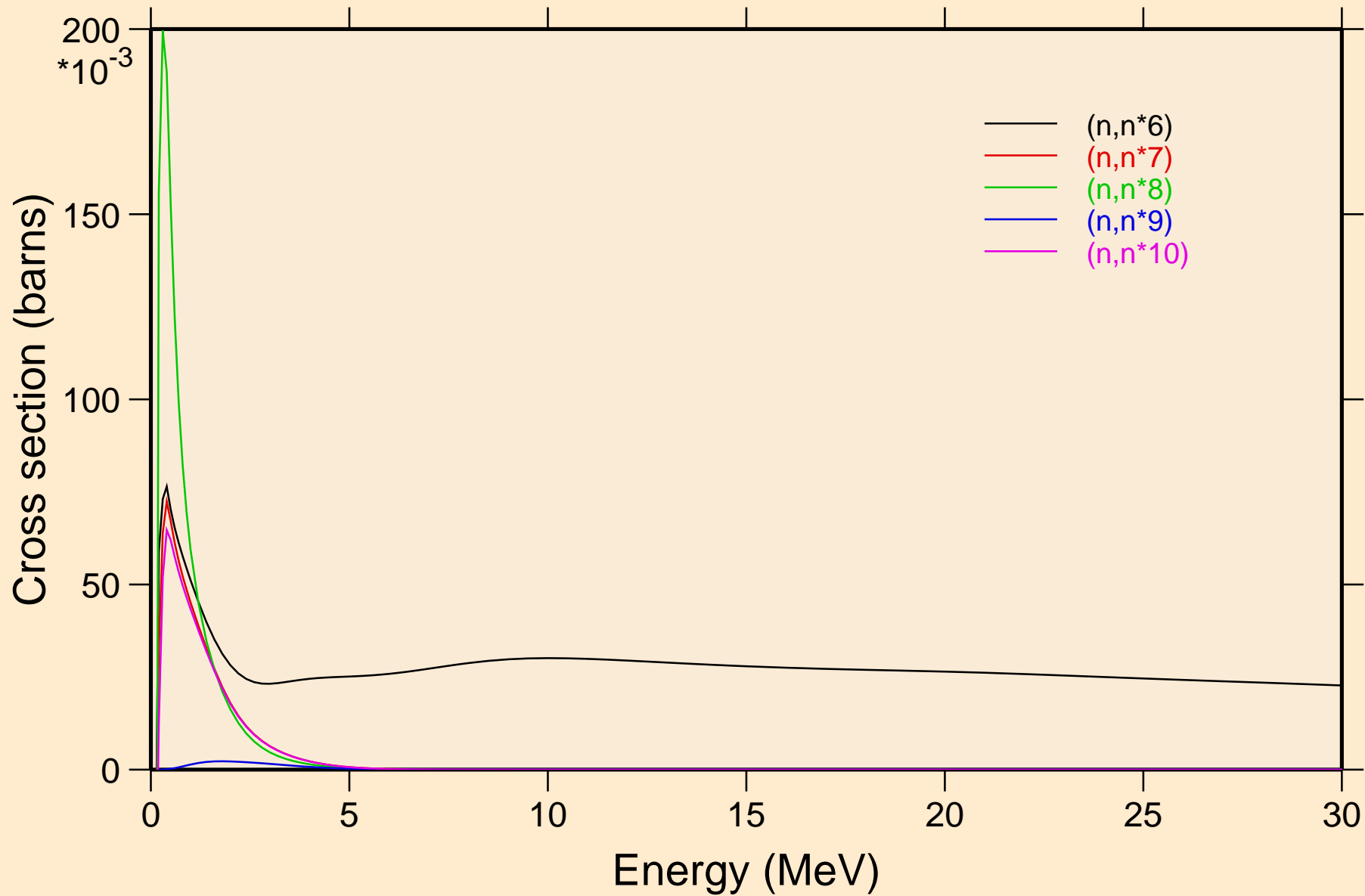


# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

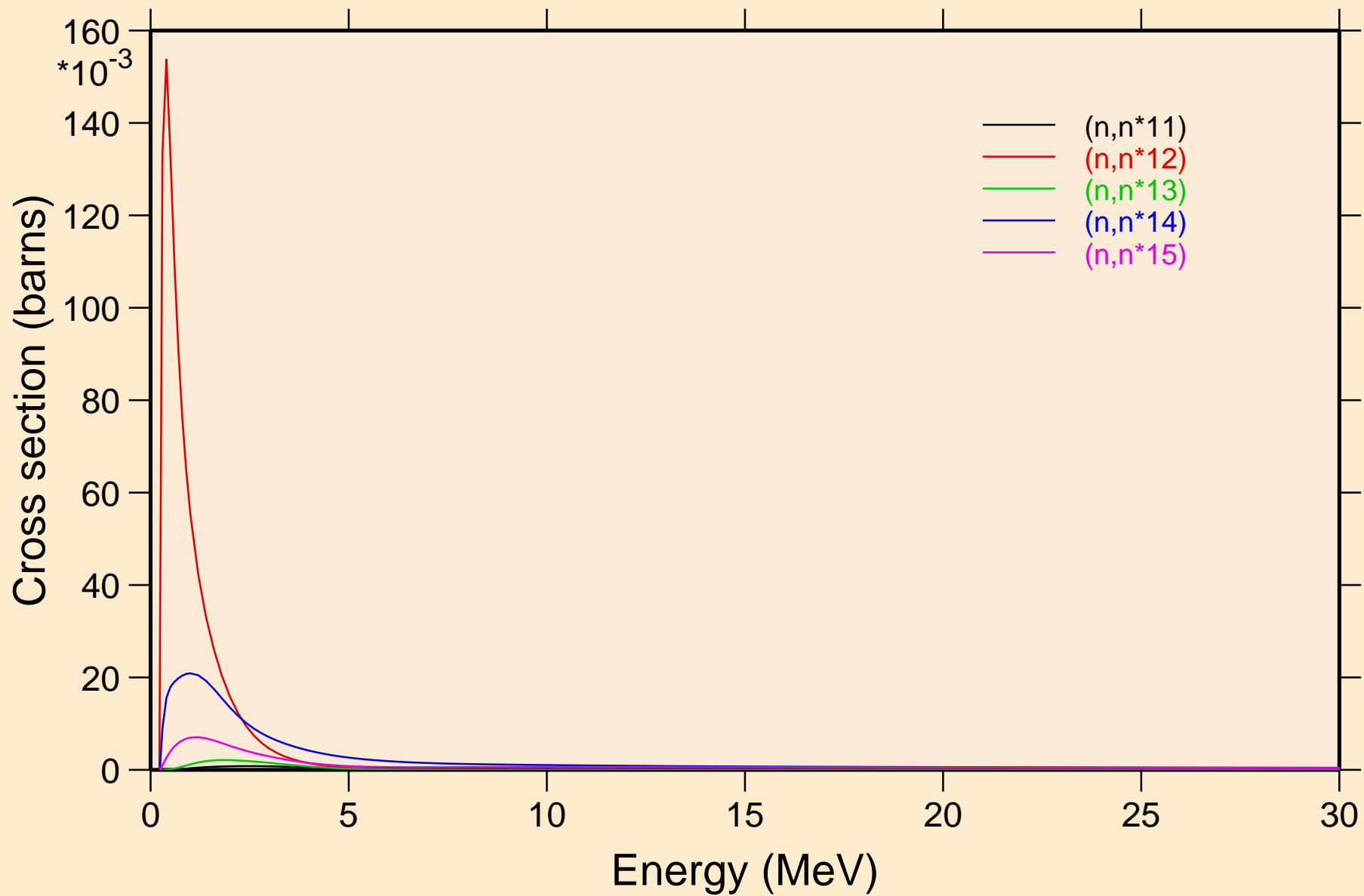
## Inelastic levels



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

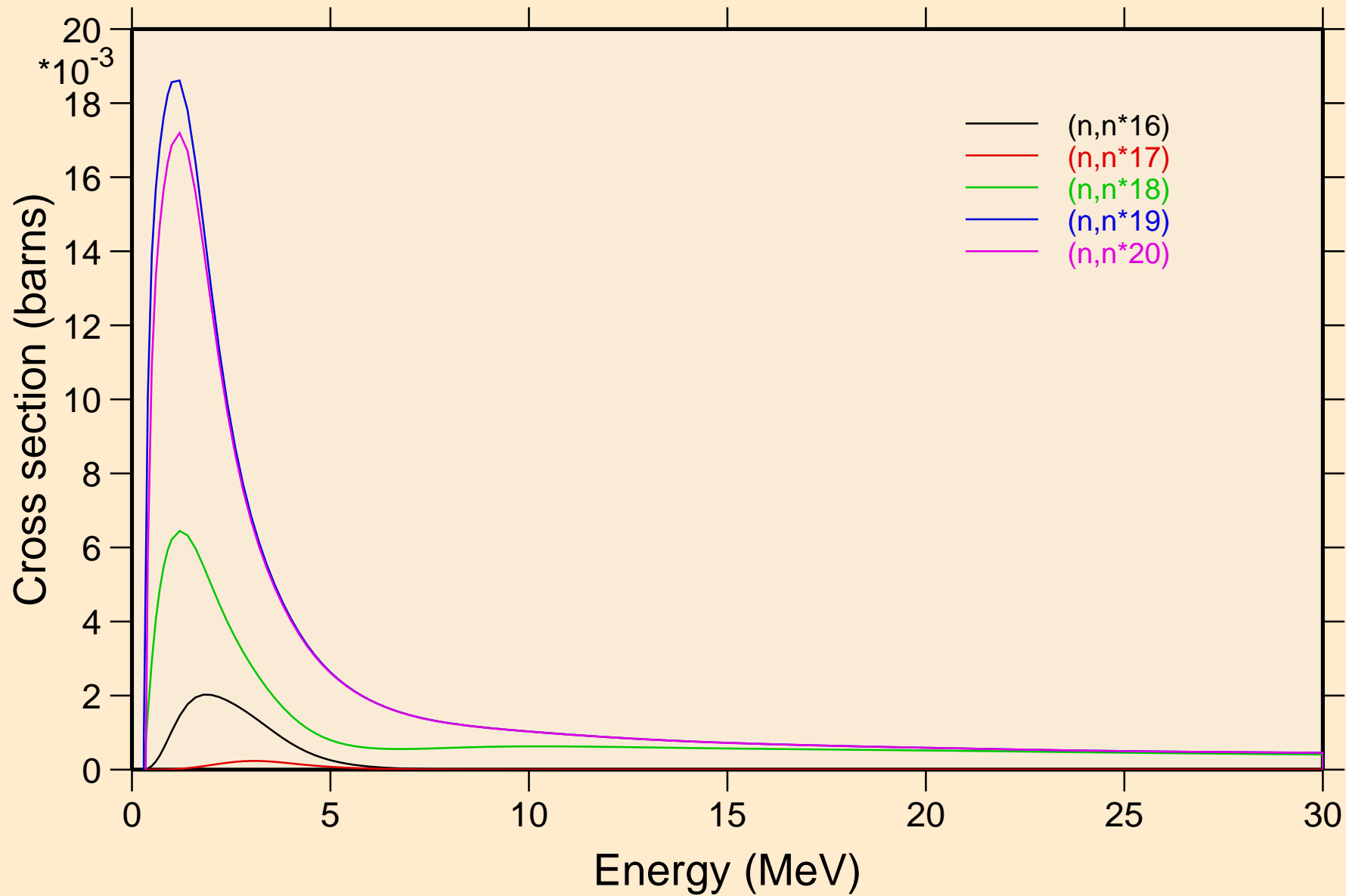


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



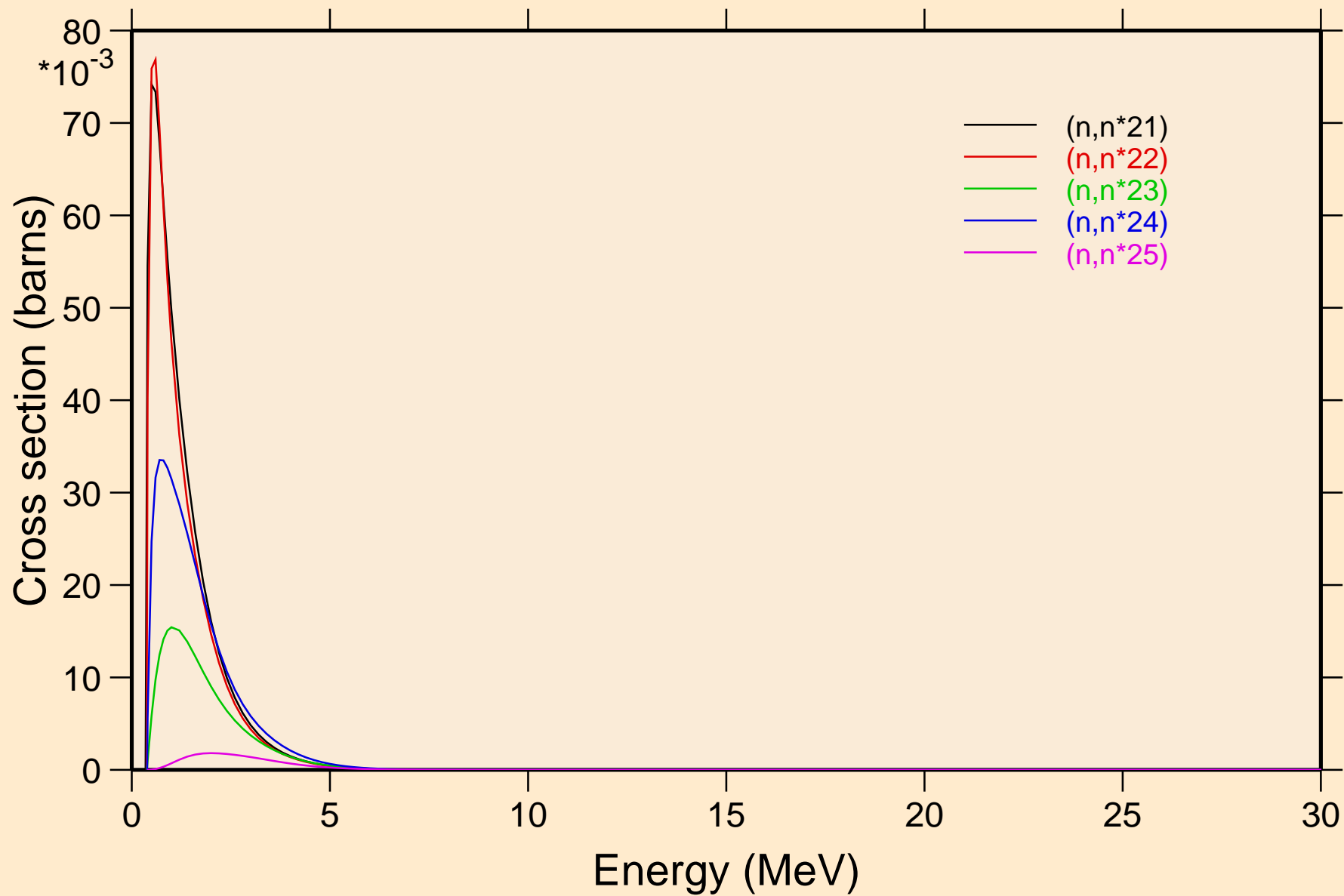
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

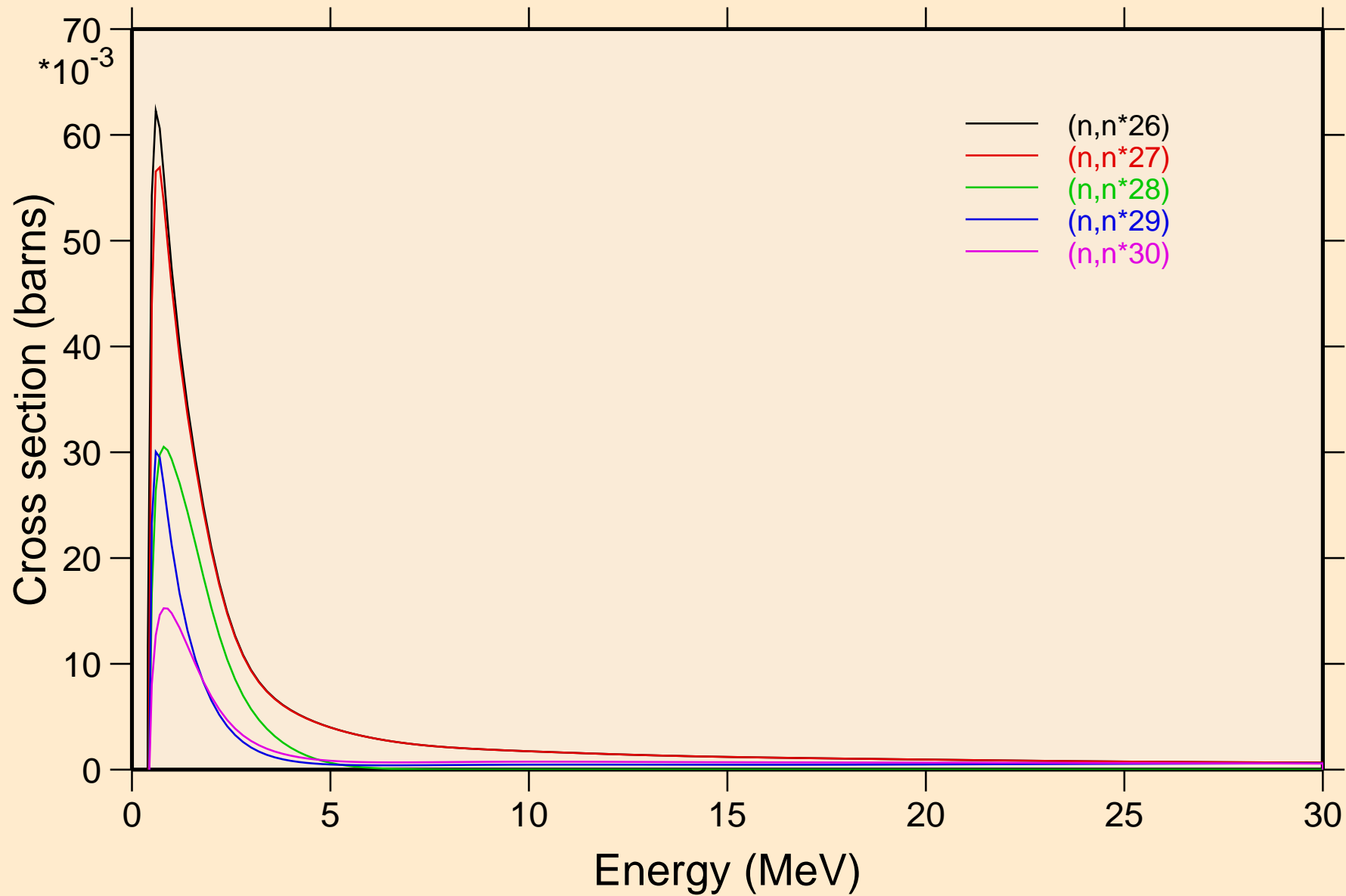




I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

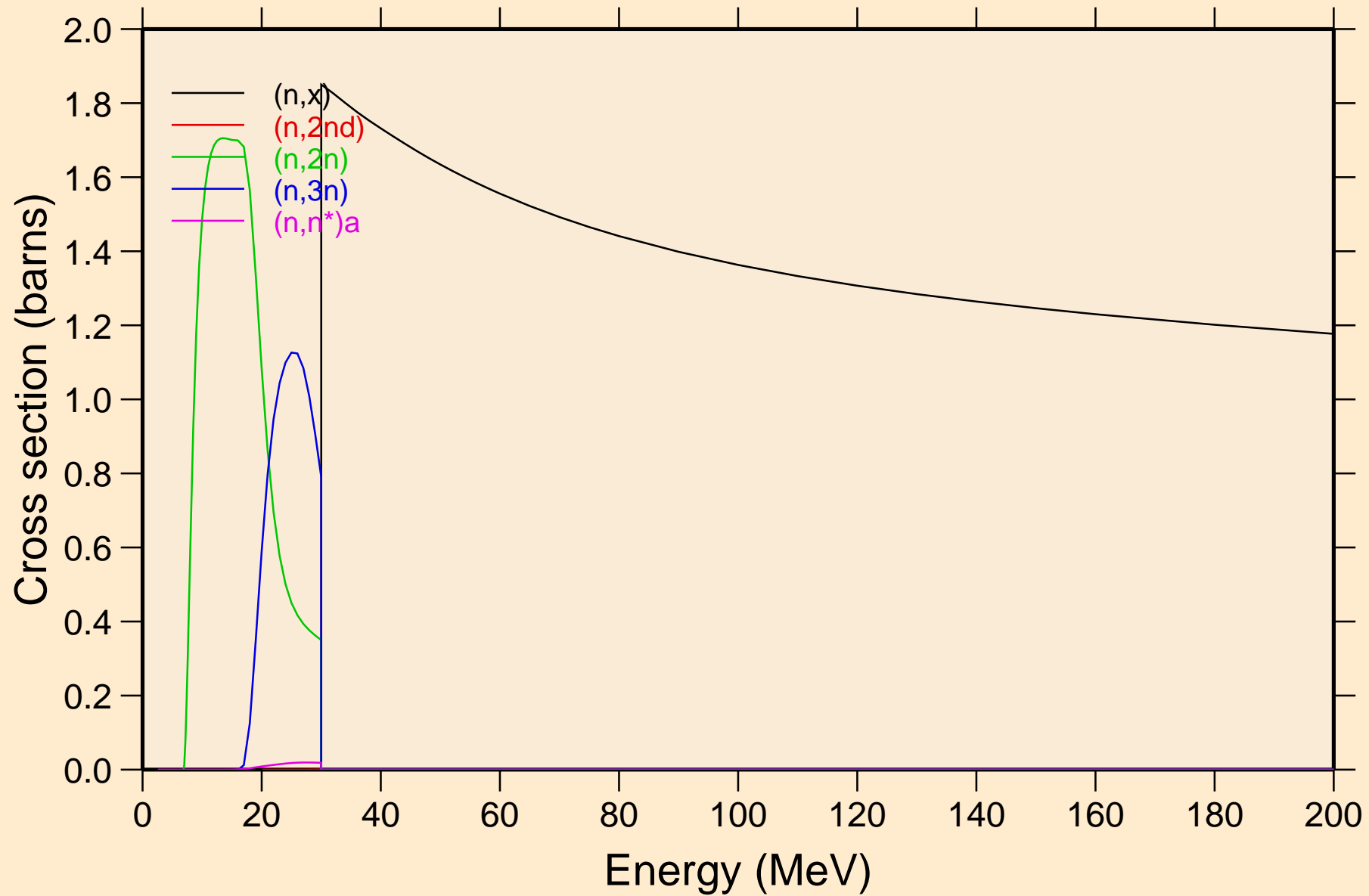


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



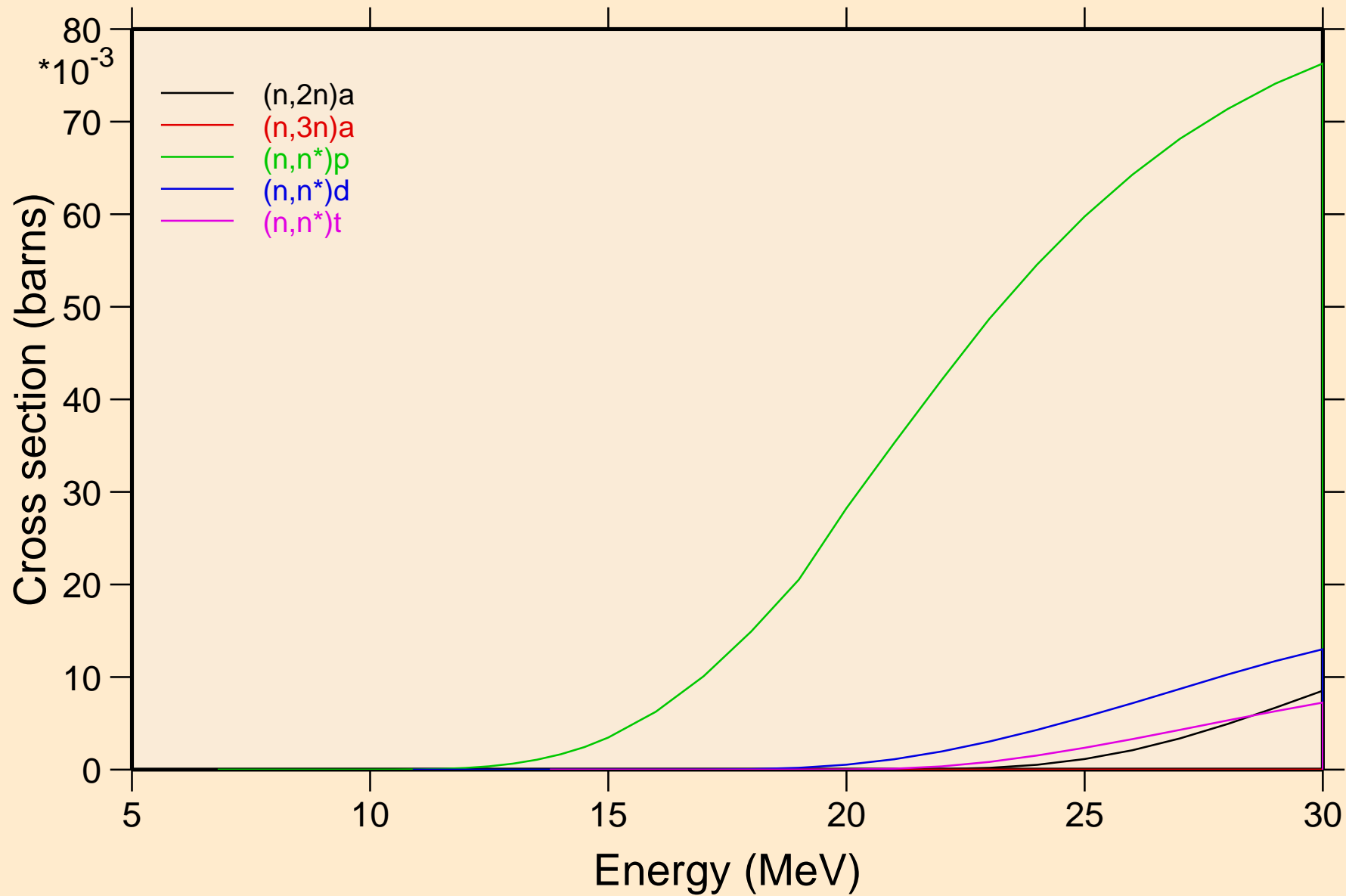
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



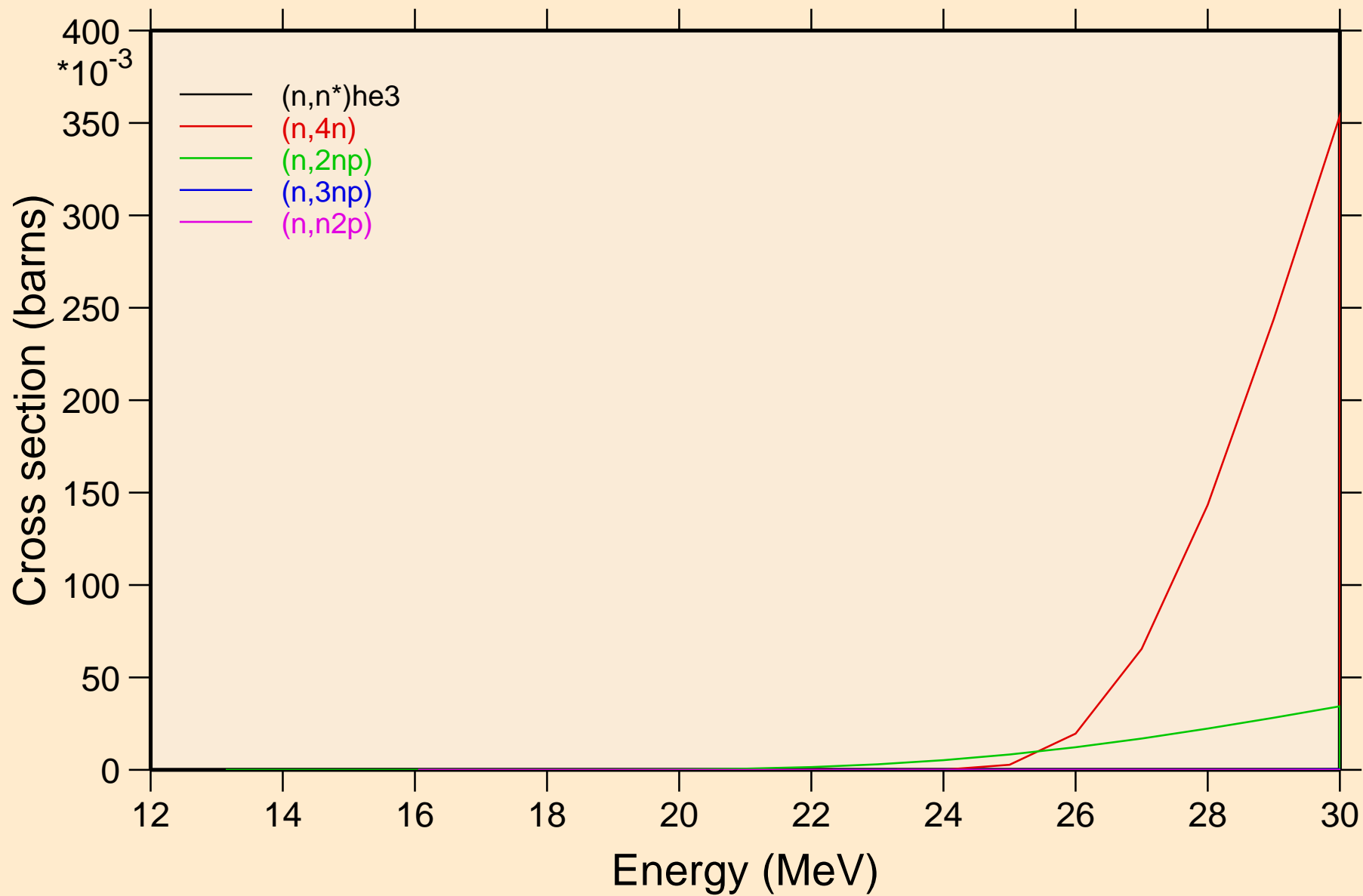
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



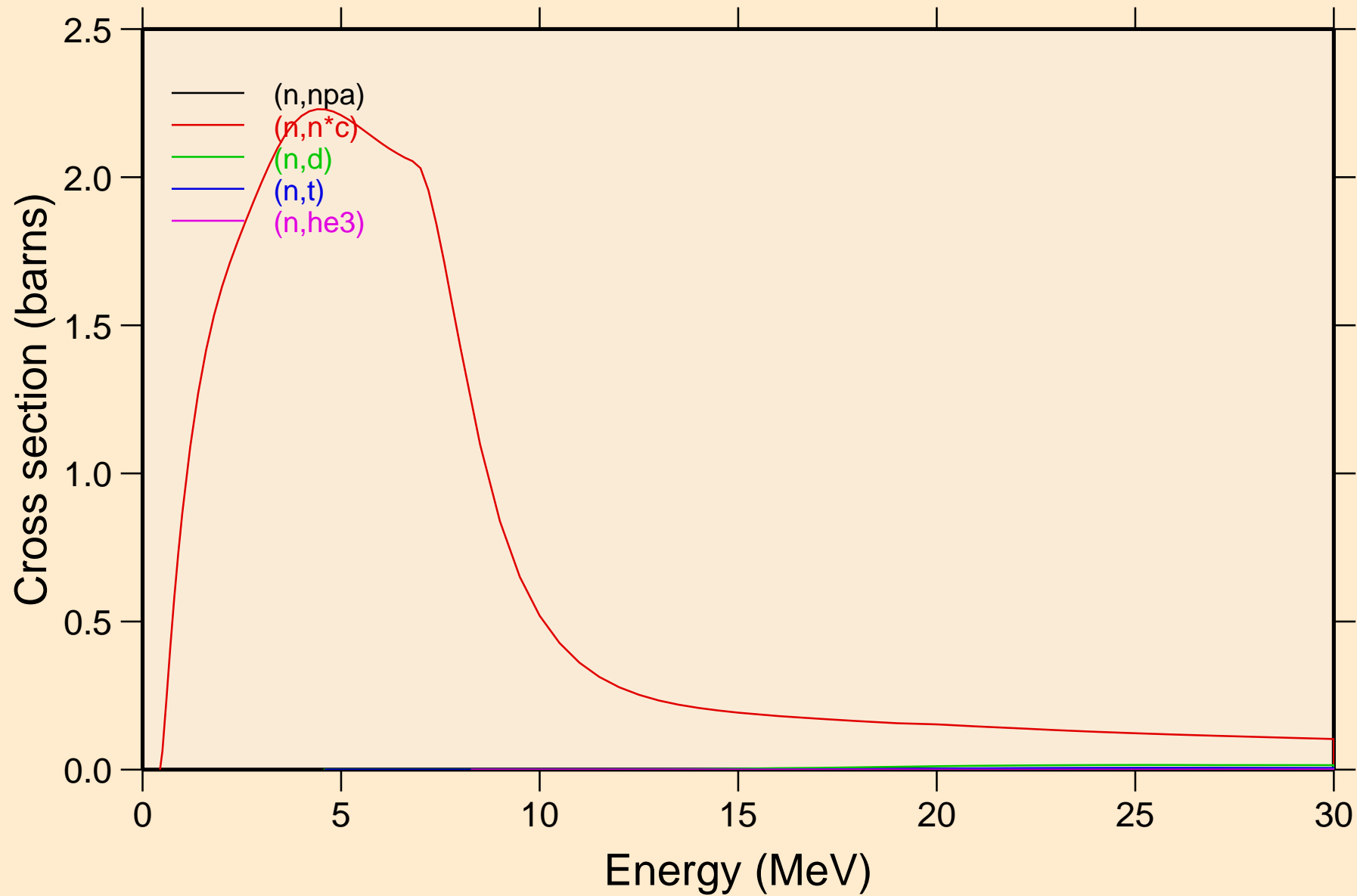
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



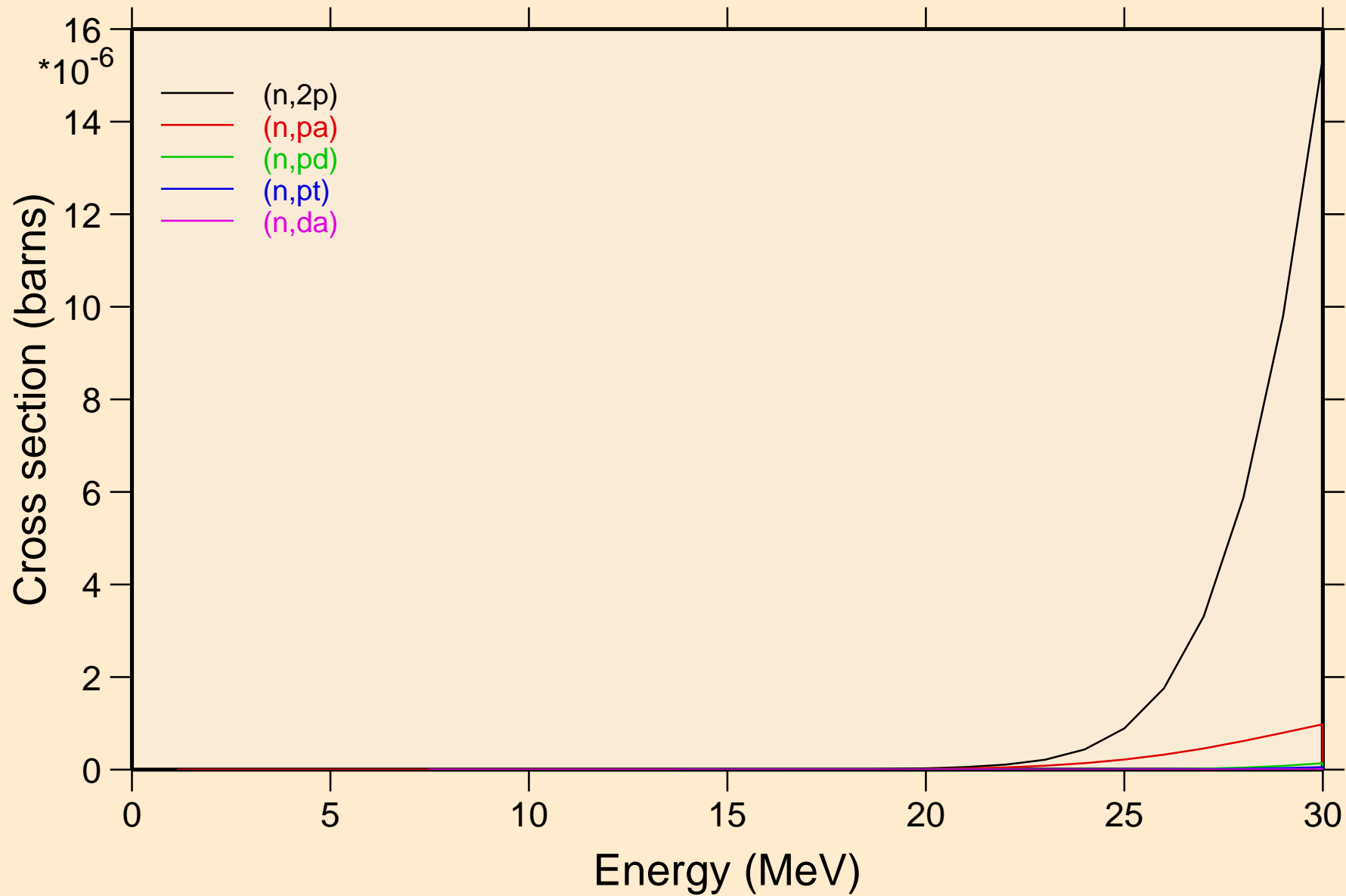
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



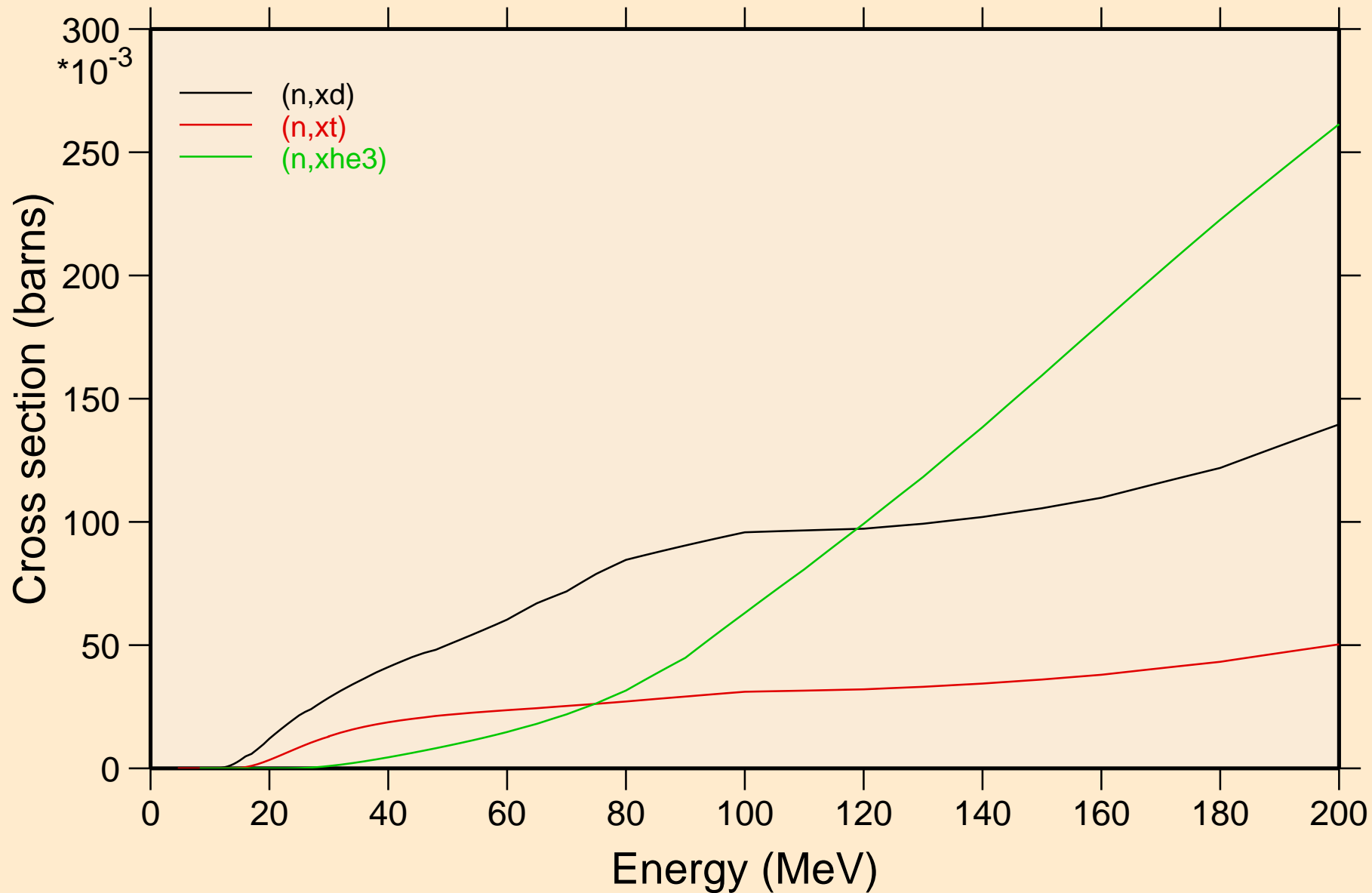
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



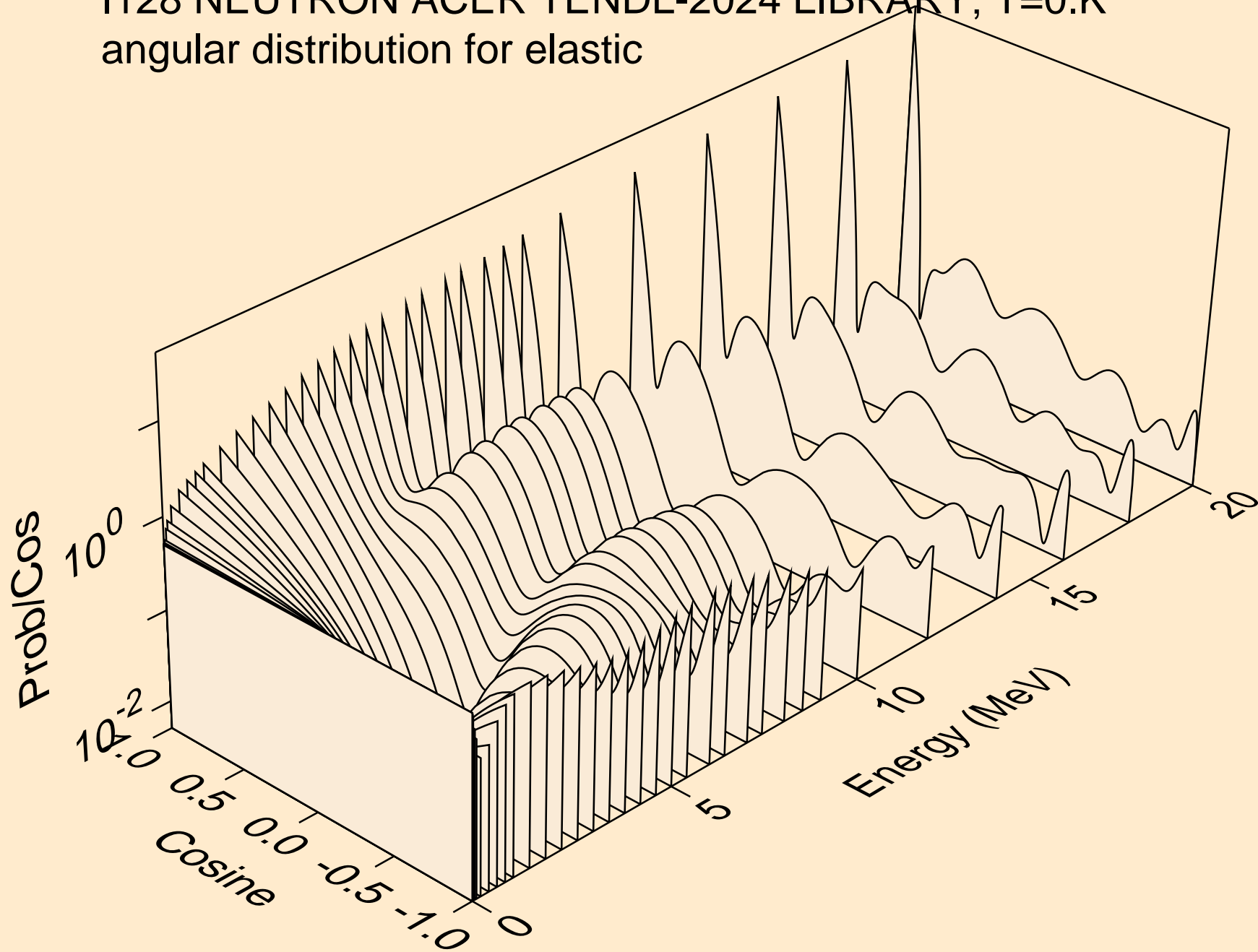
# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

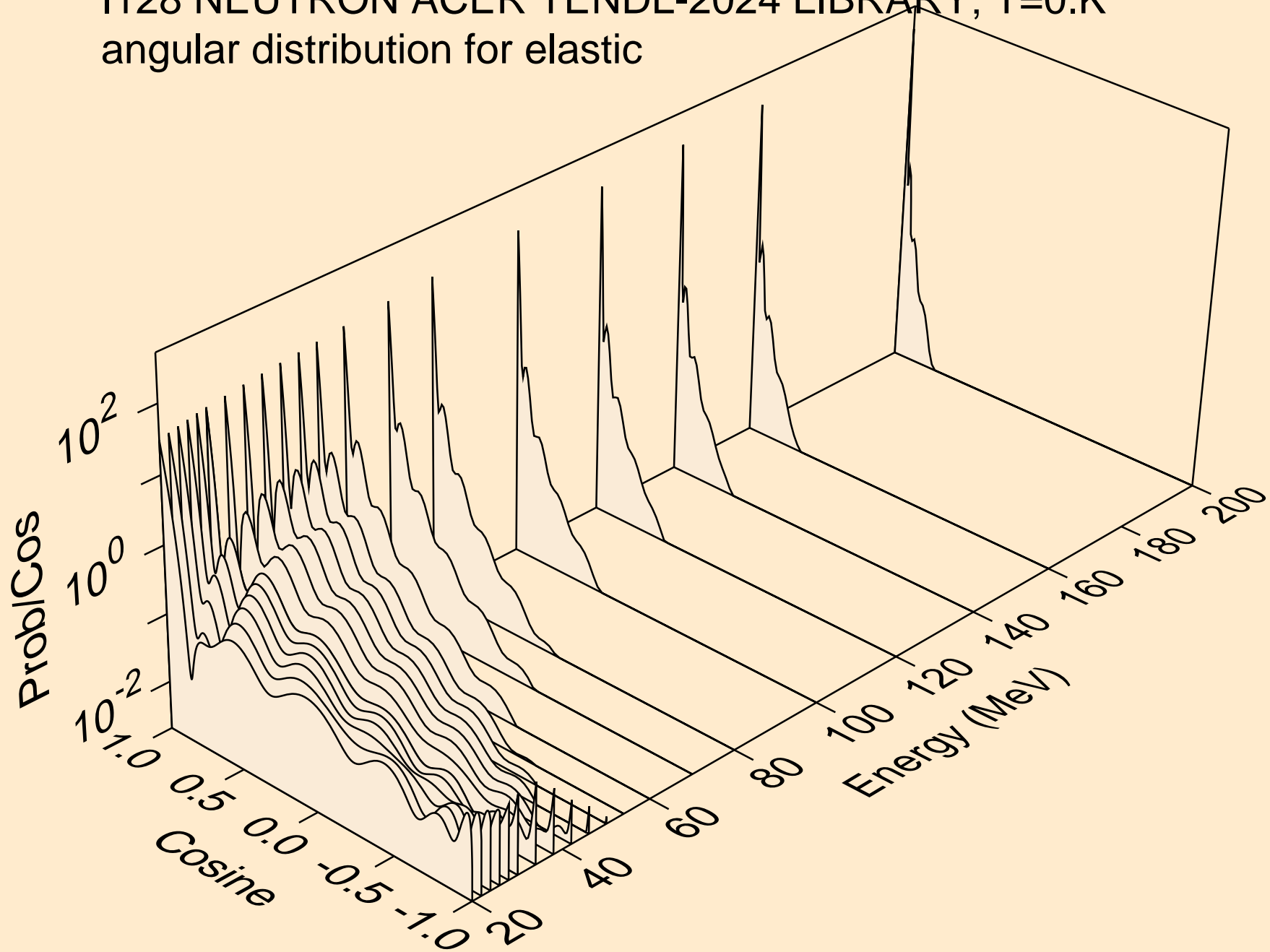




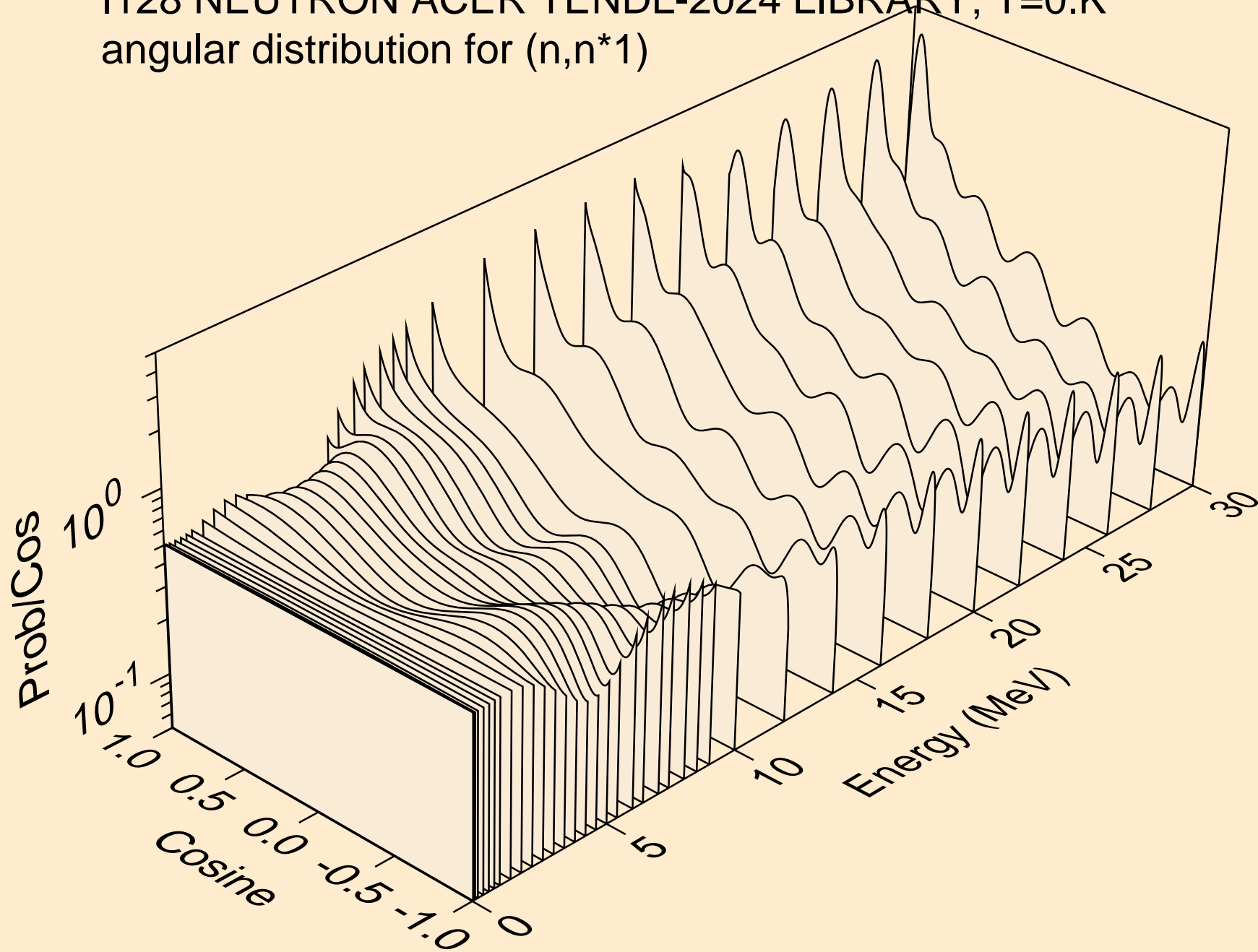
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



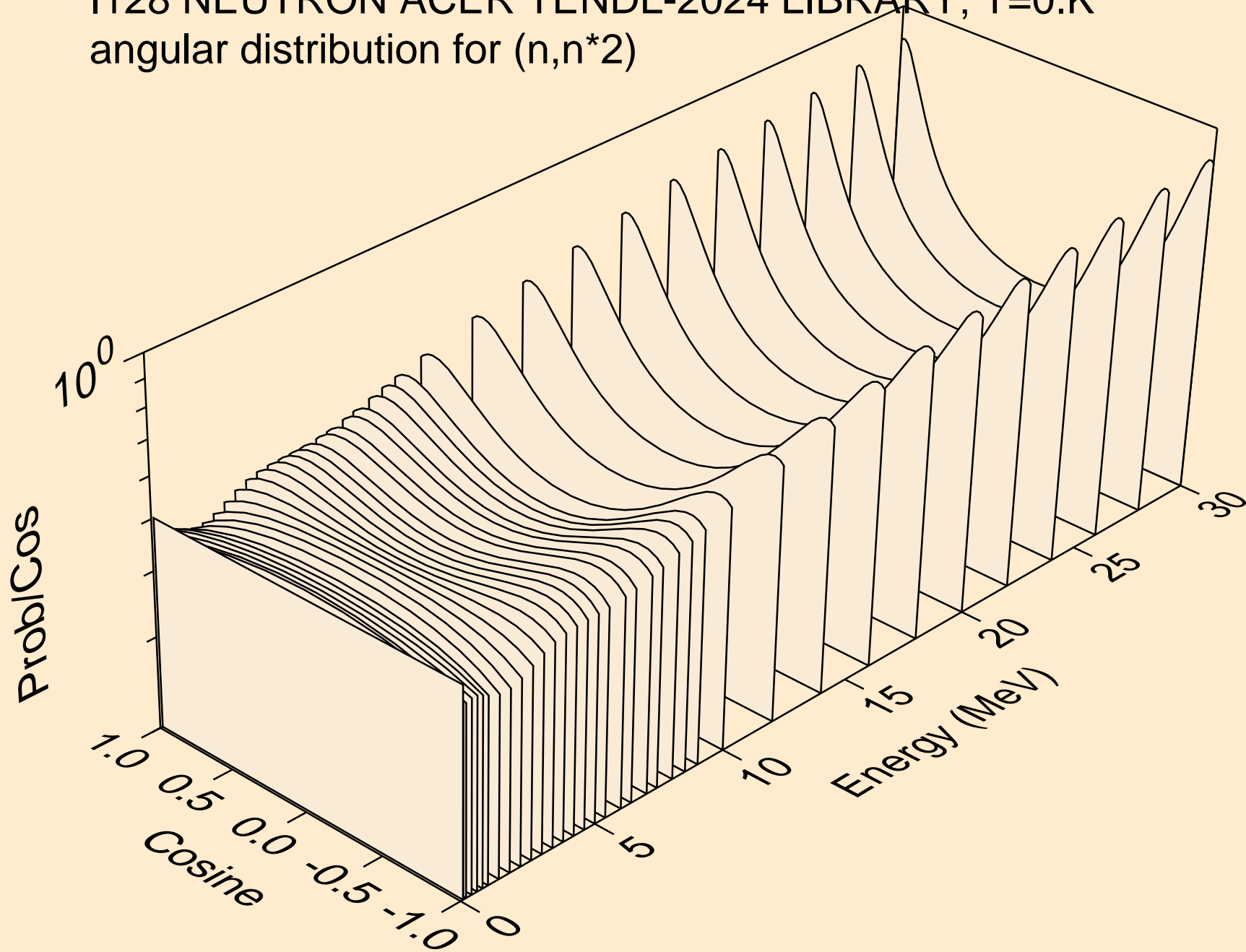
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



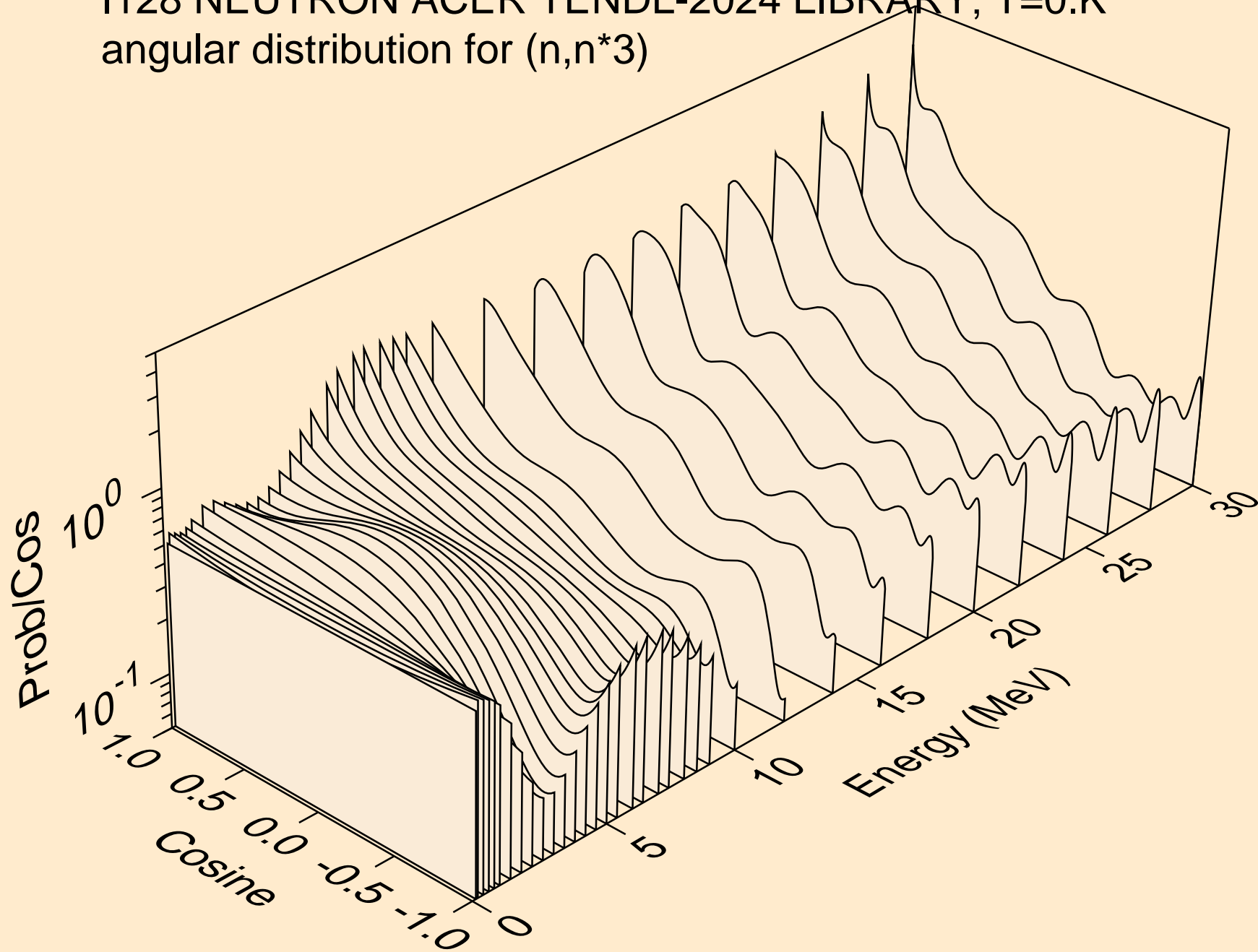
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



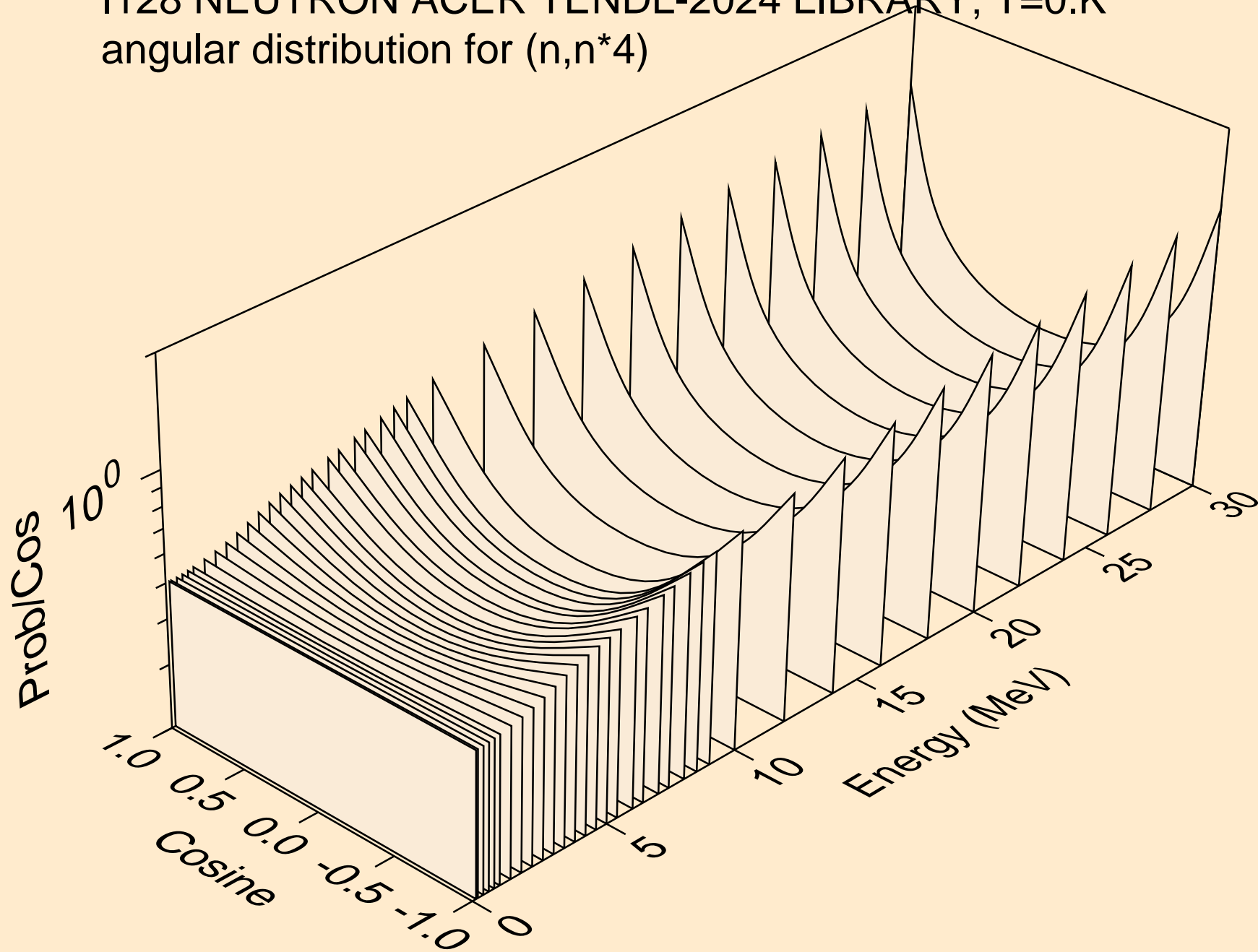
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



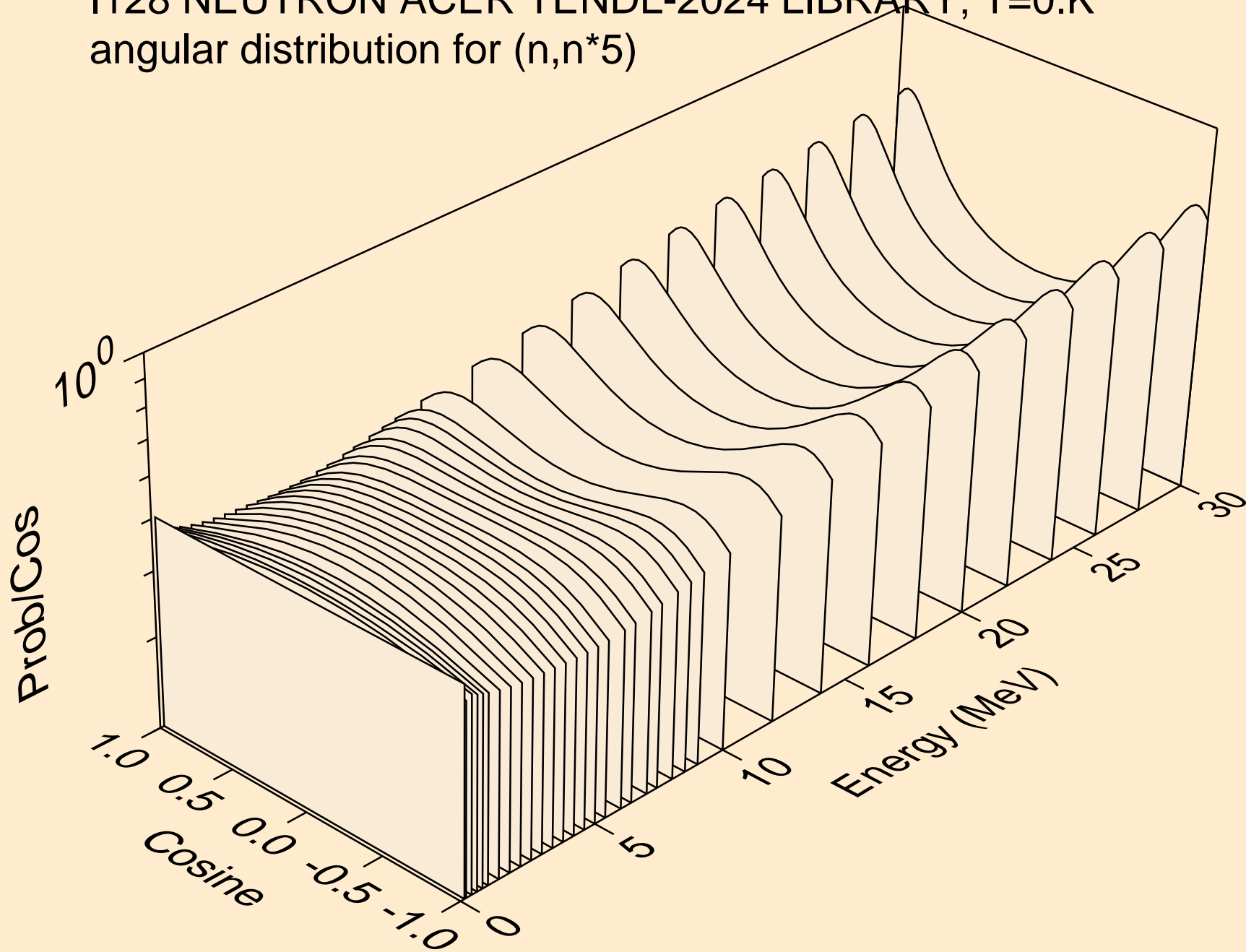
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



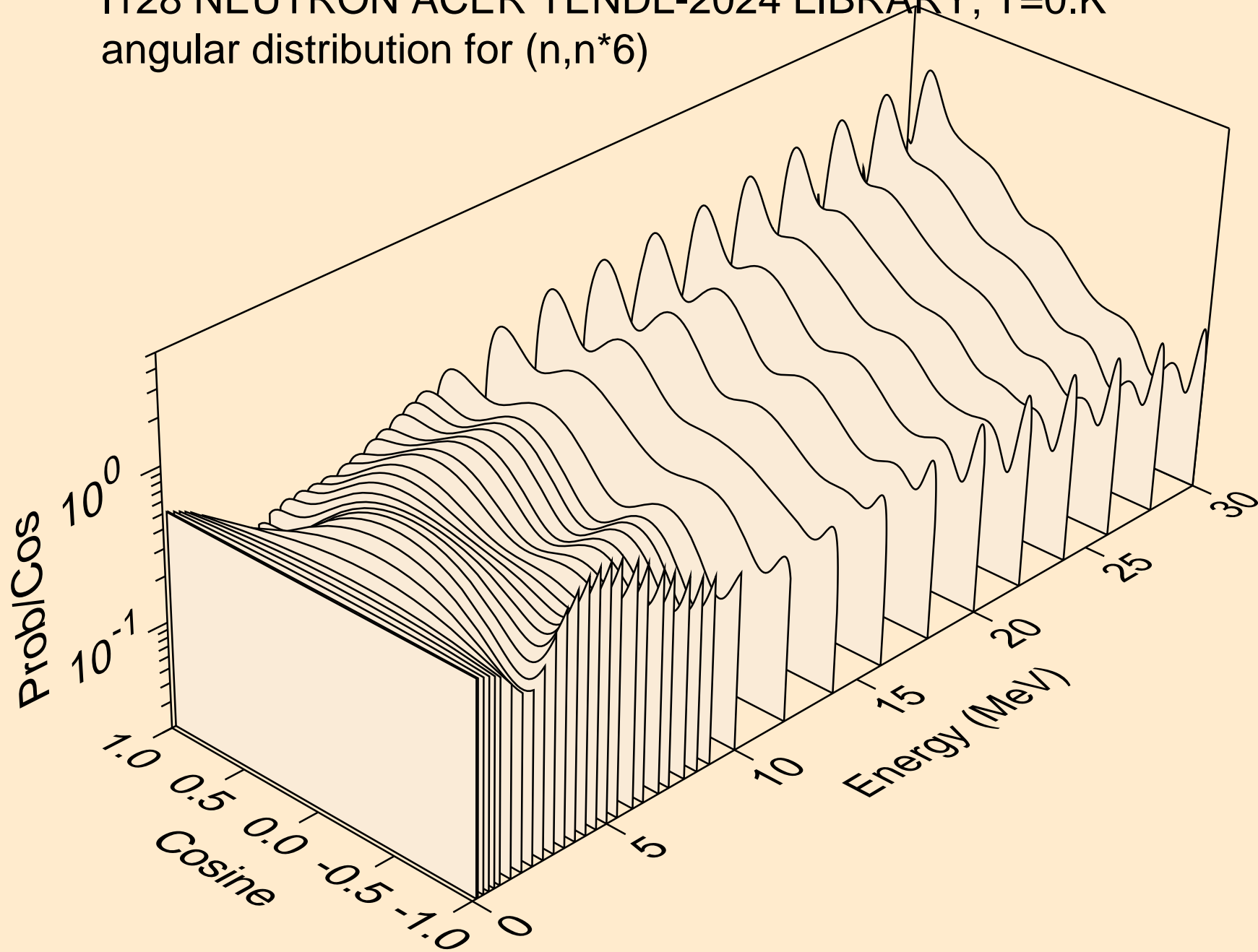
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

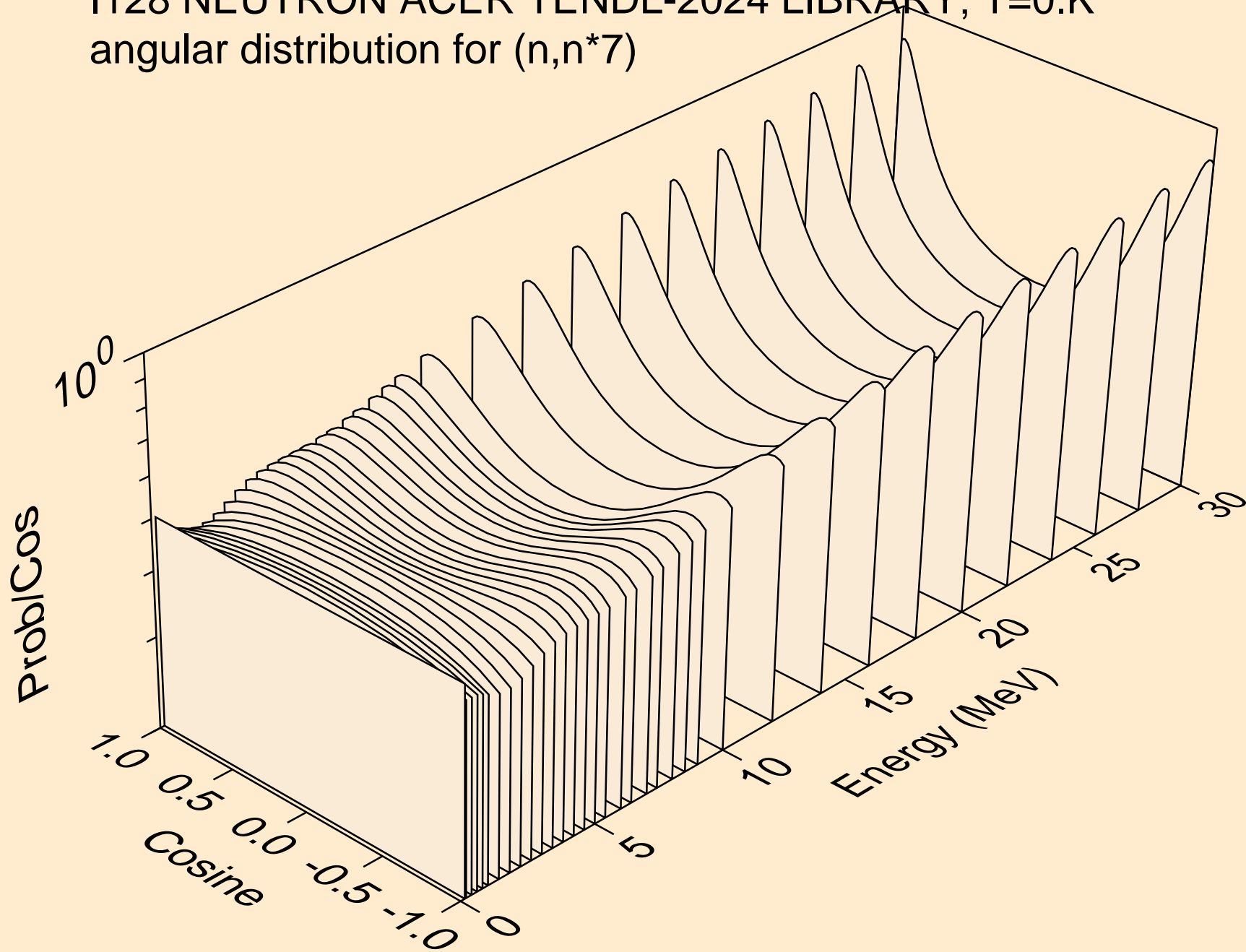


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

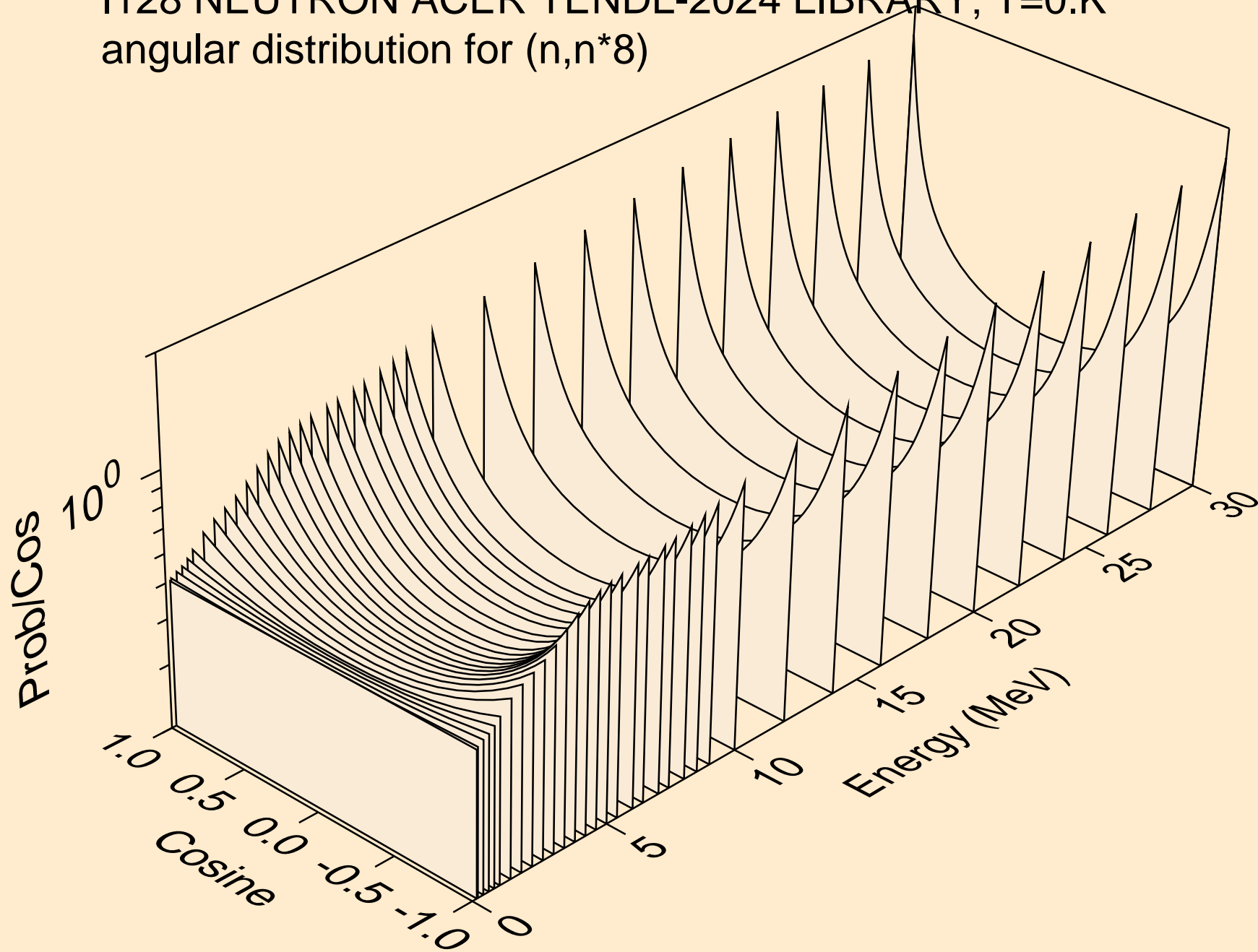




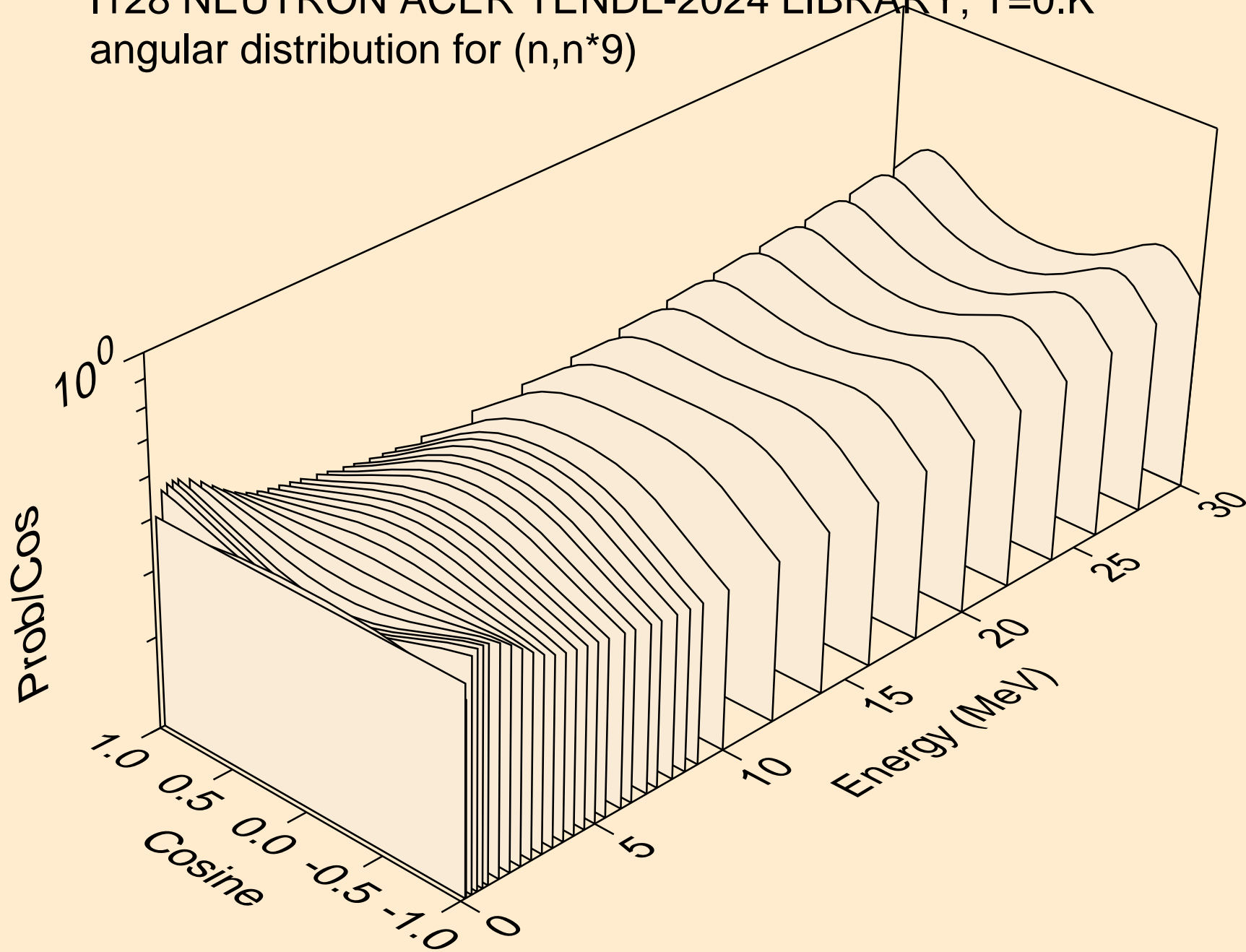
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



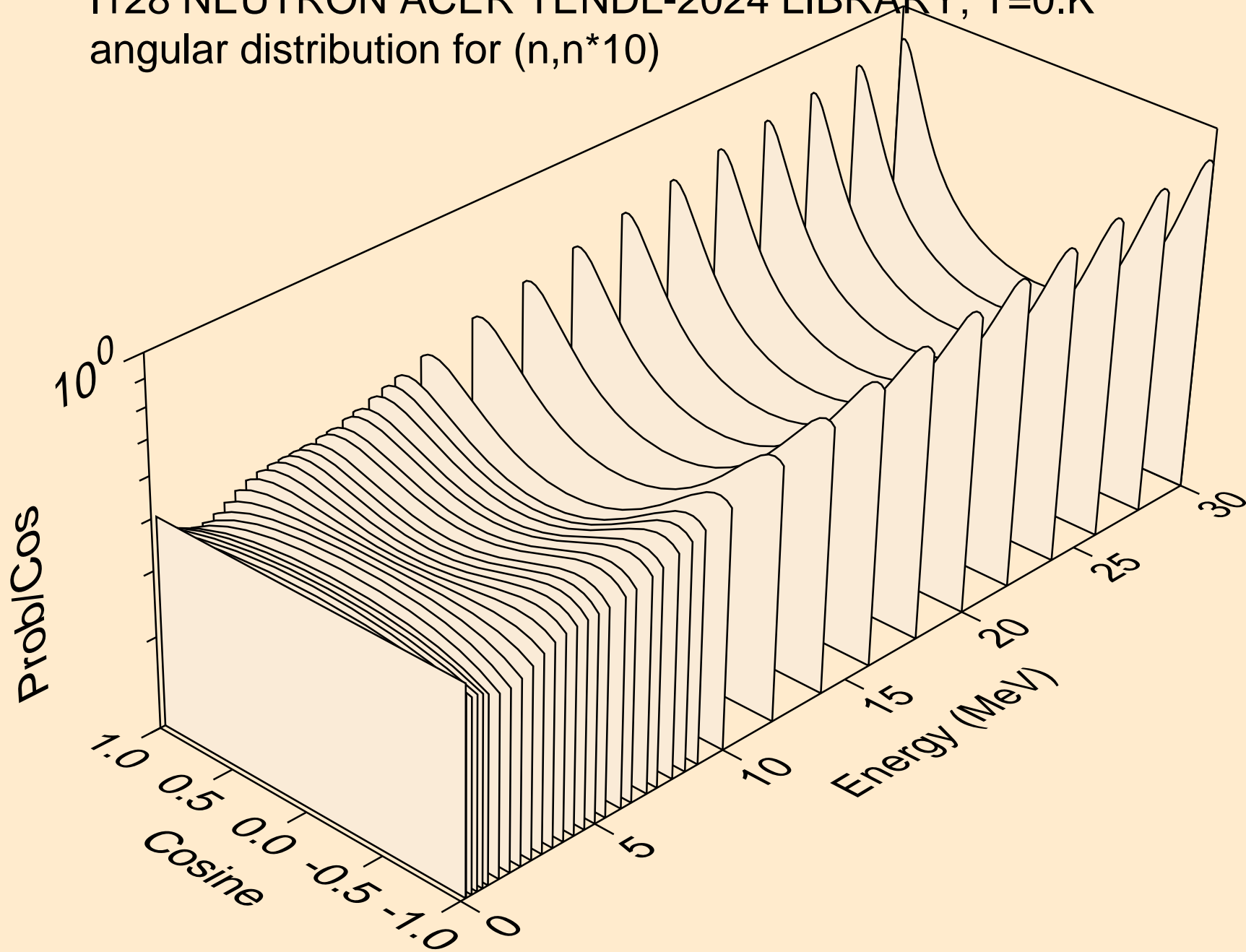
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



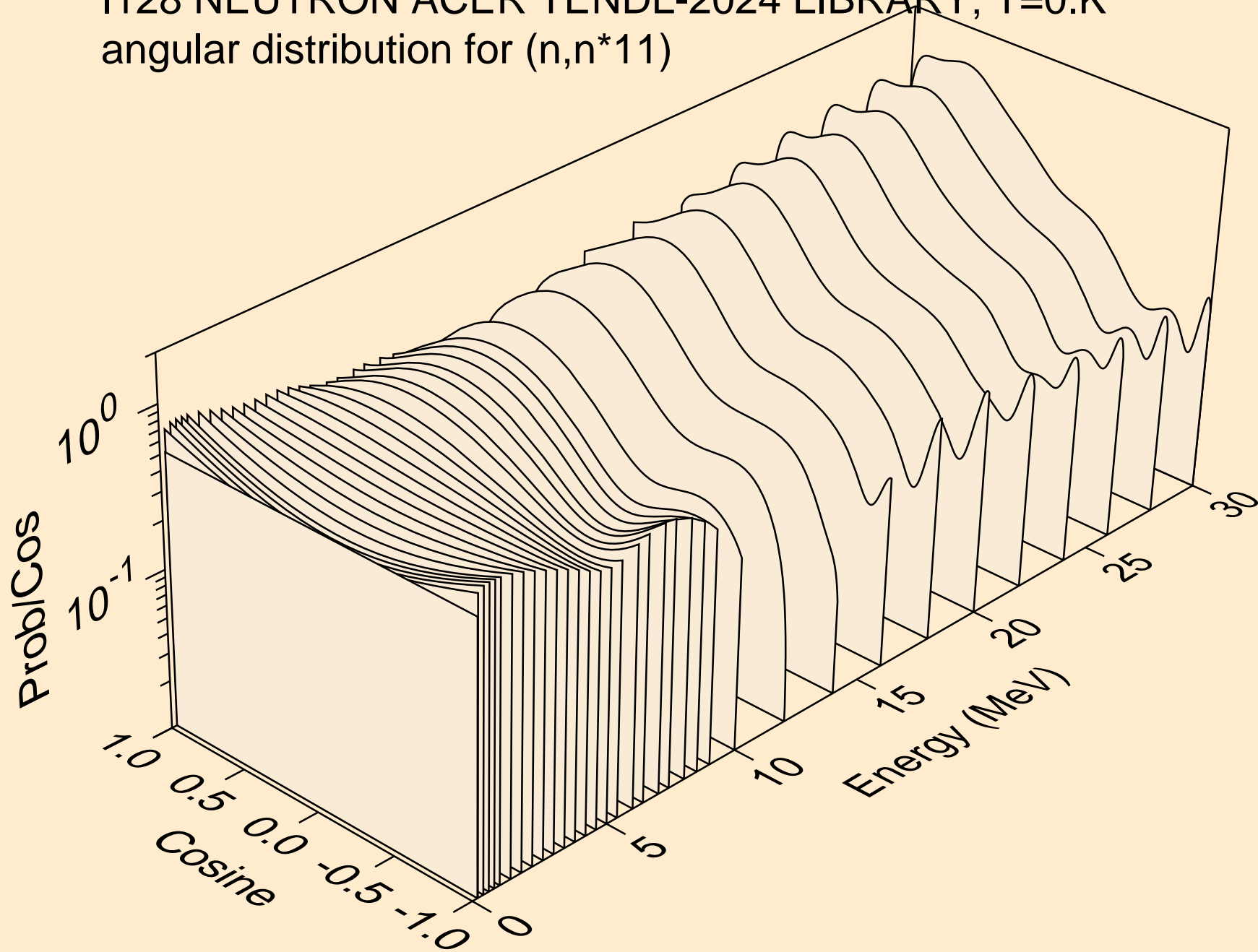
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



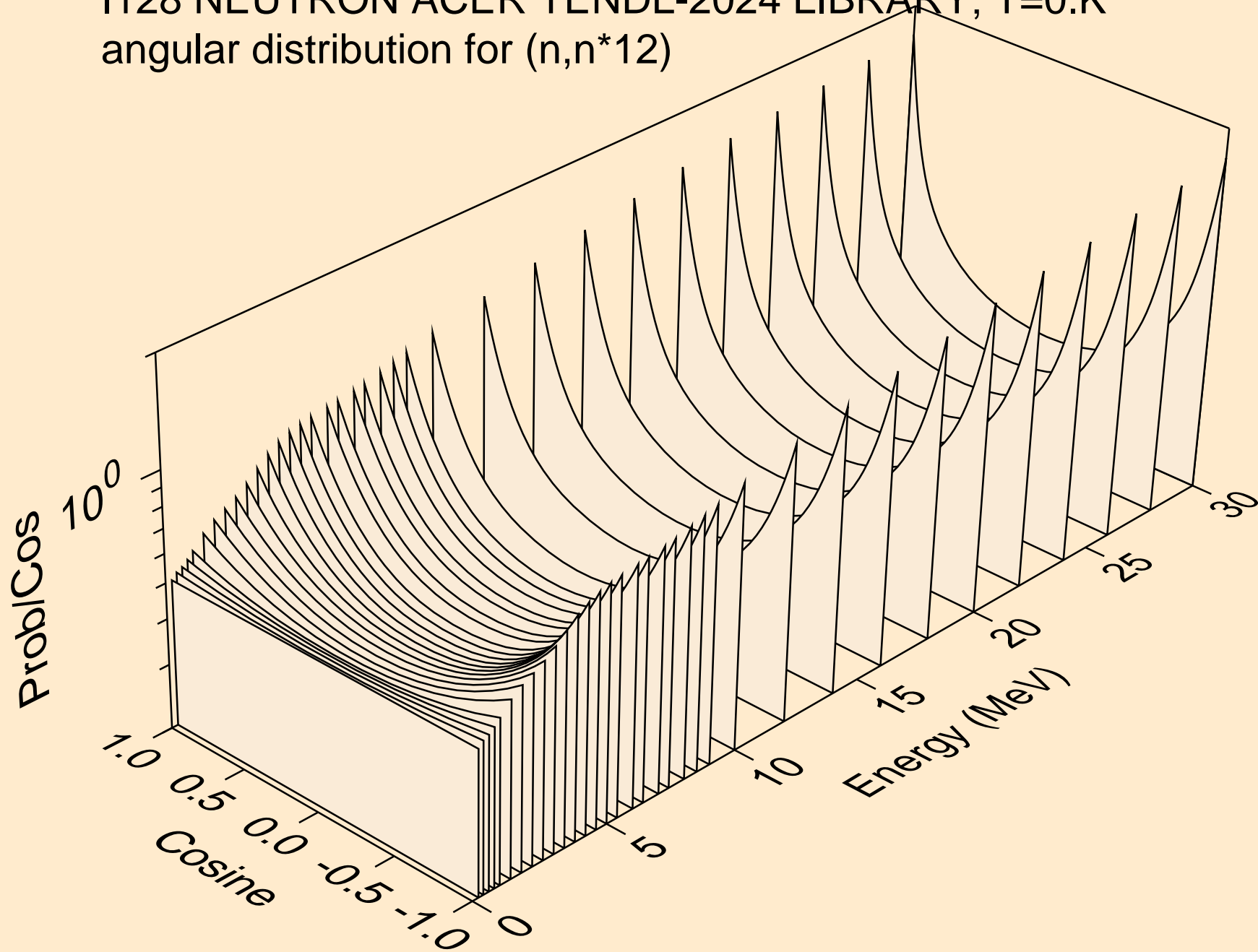
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



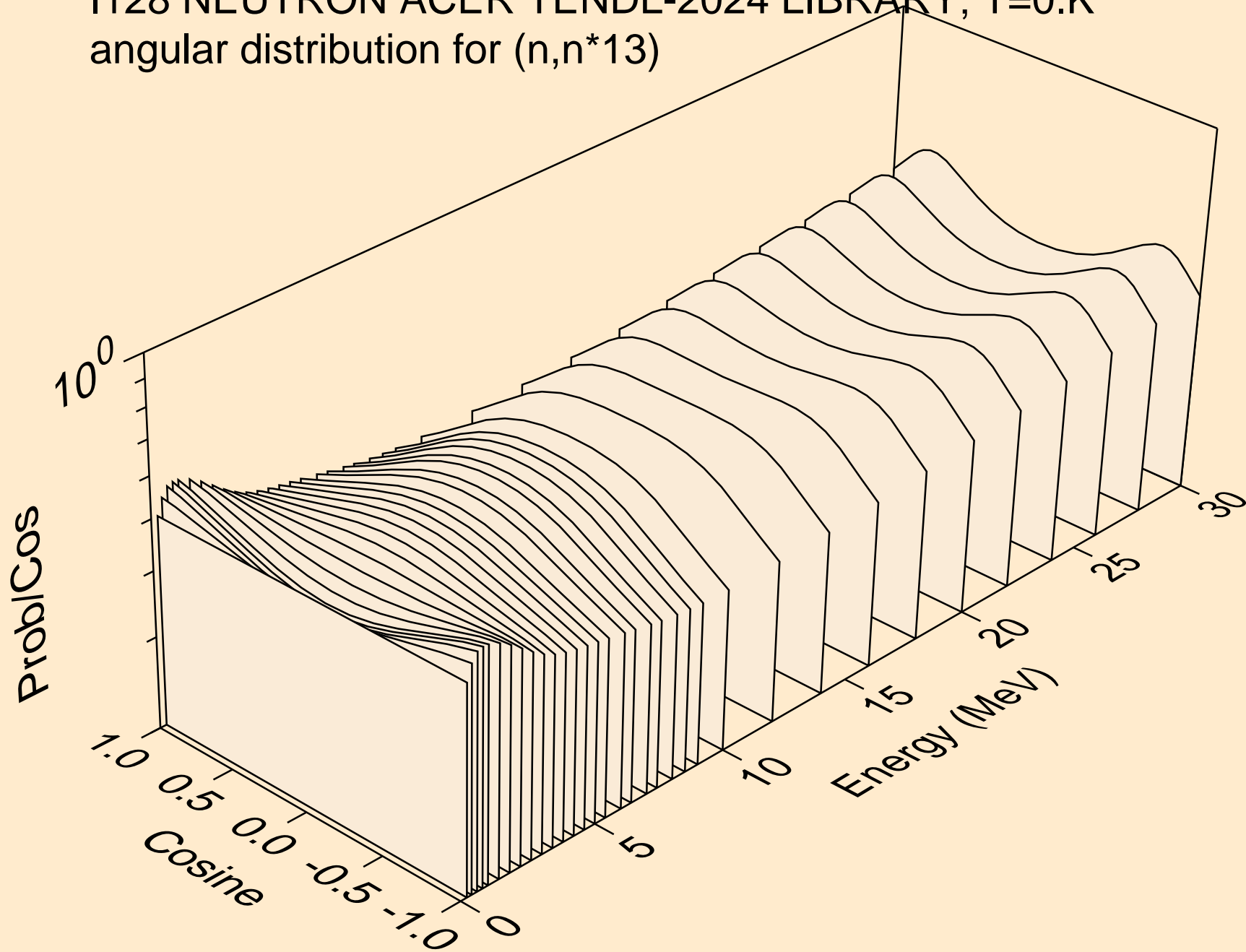
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



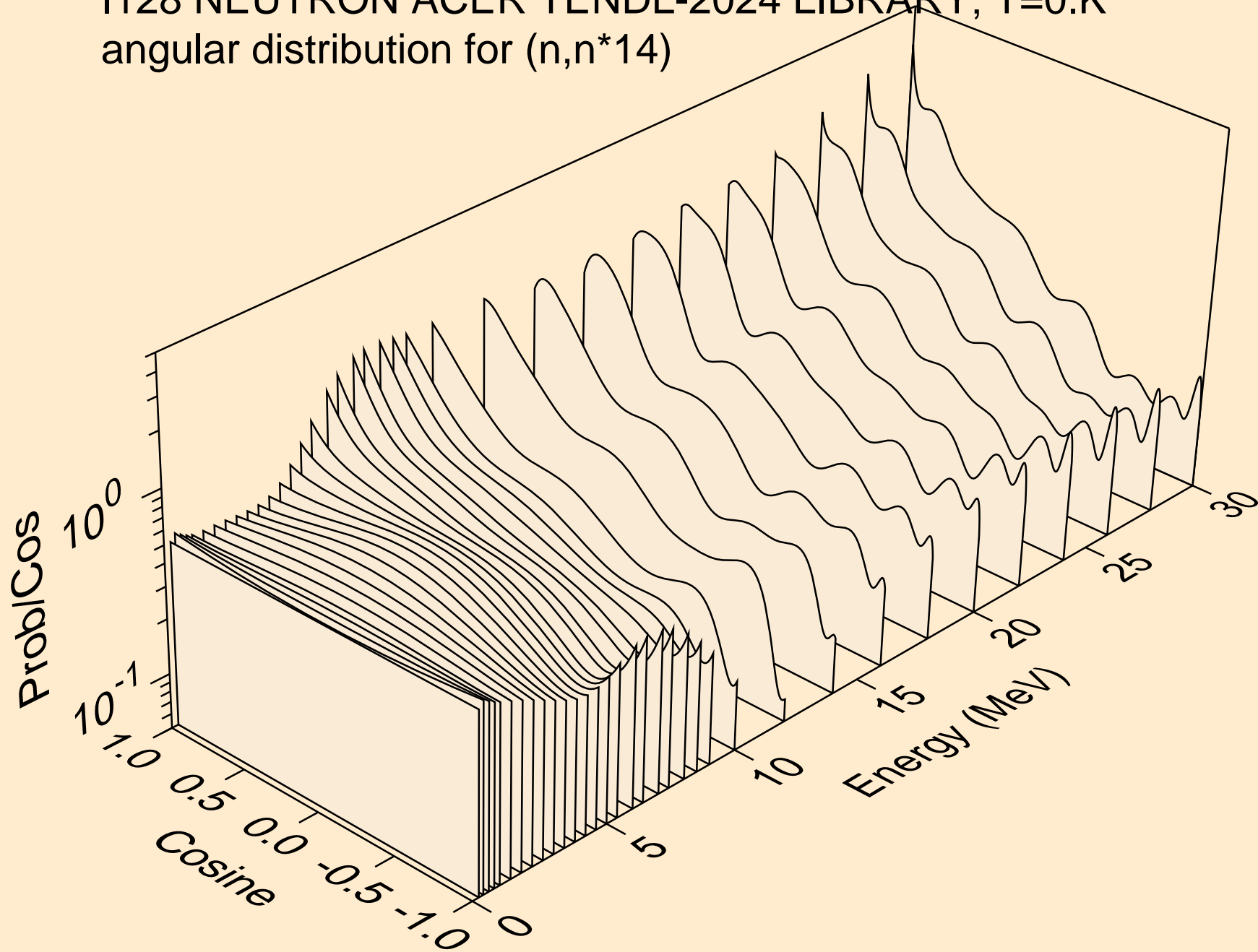
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

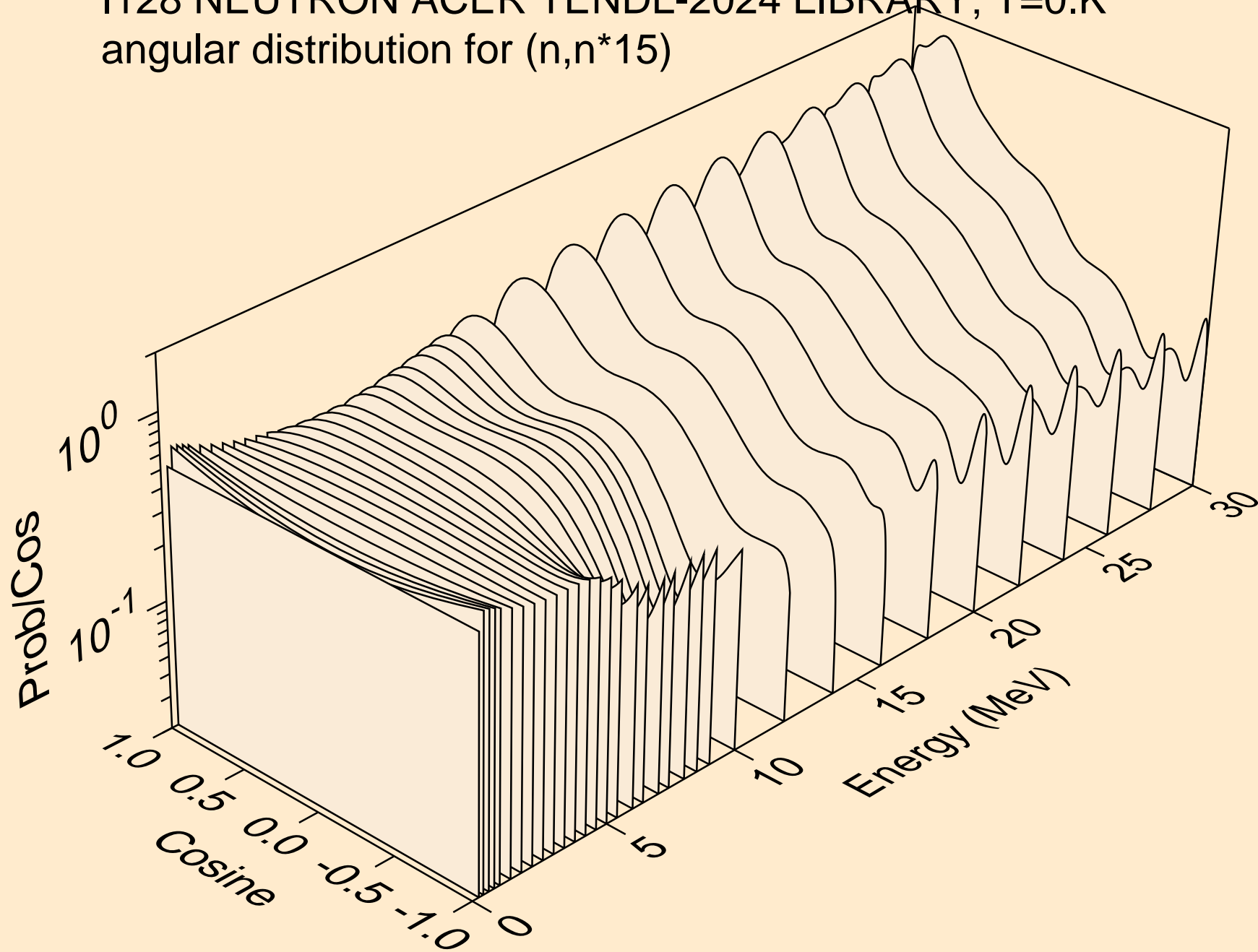


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

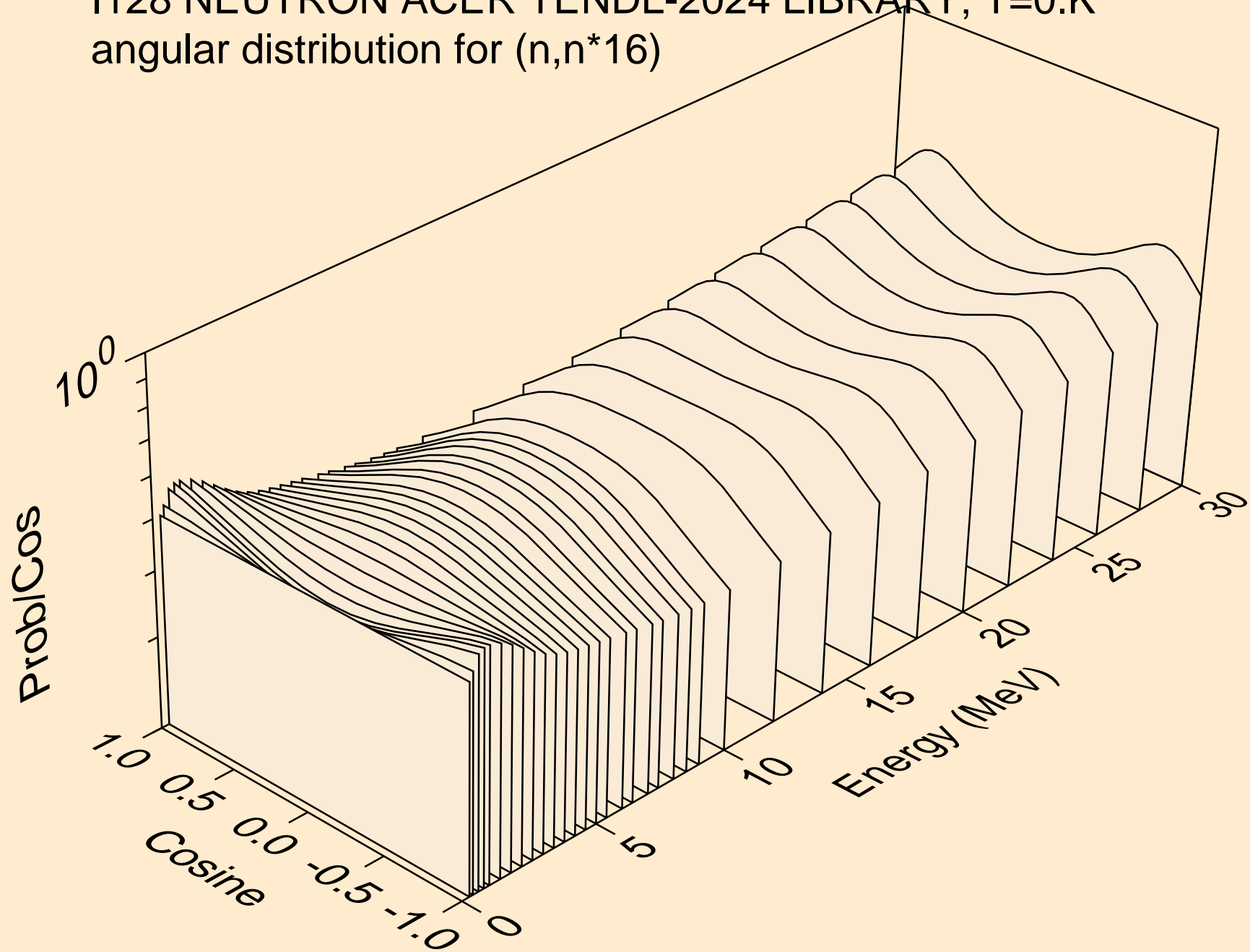




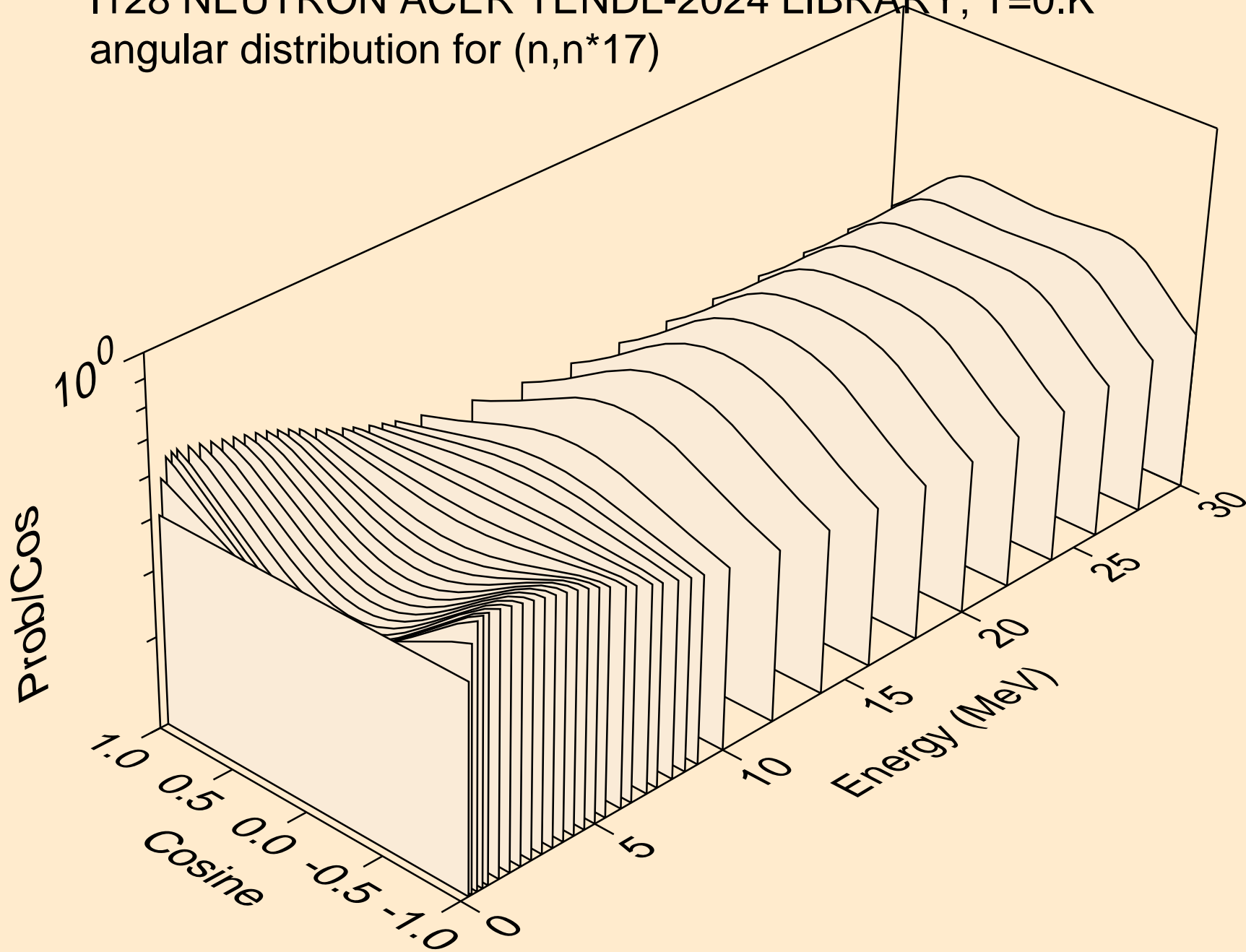
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angular distribution for (n,n\*15)



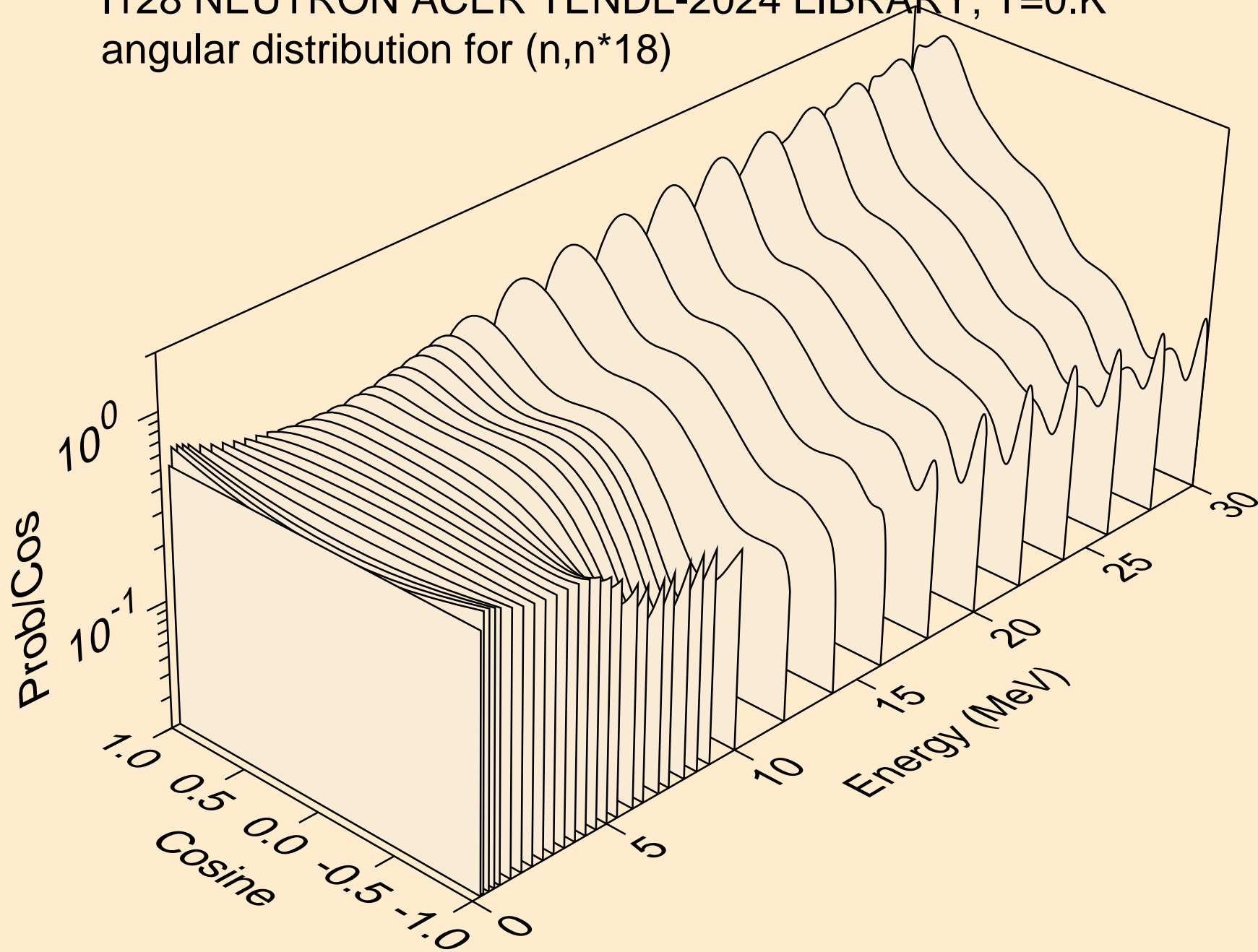
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angular distribution for (n,n\*16)



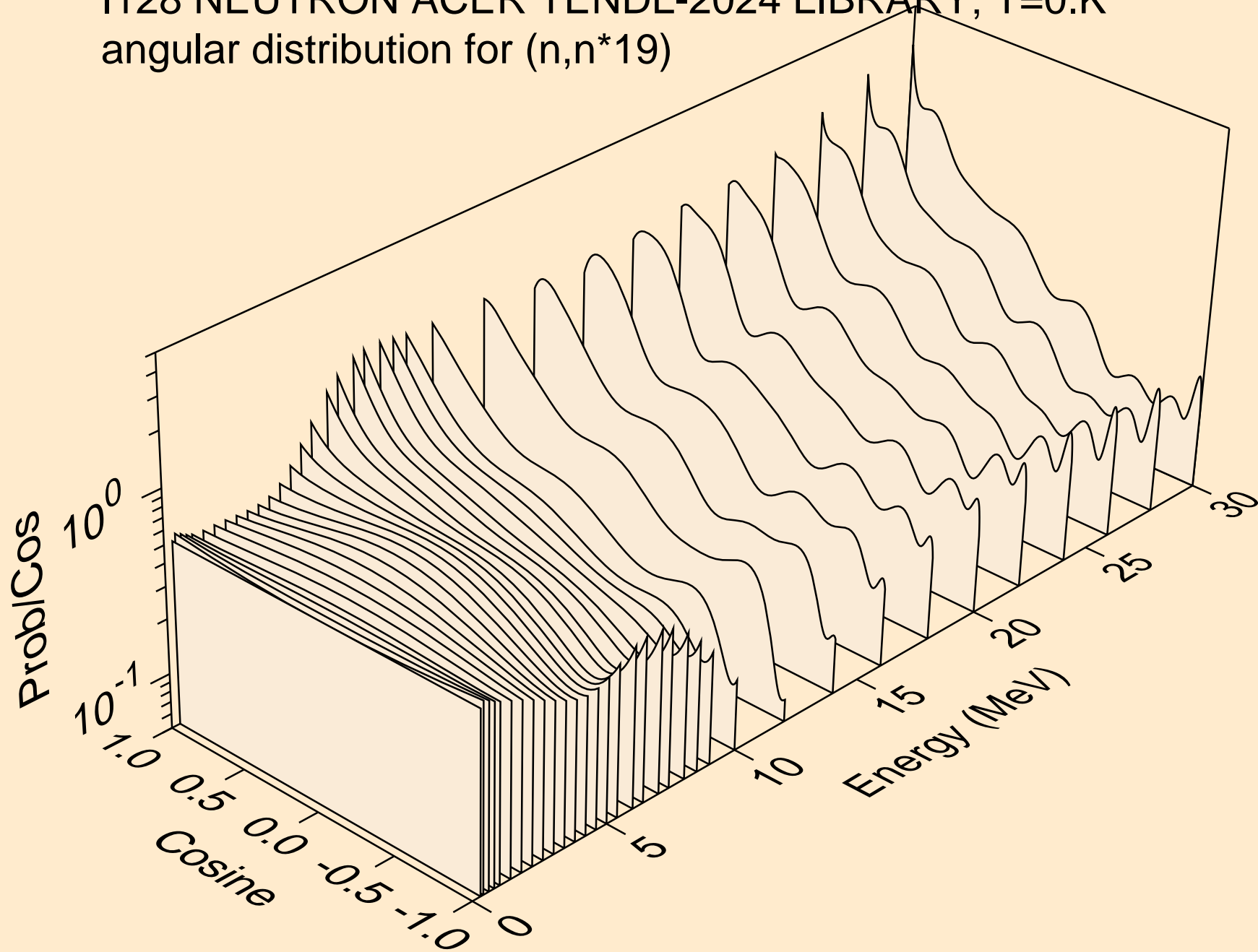
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angular distribution for (n,n\*17)



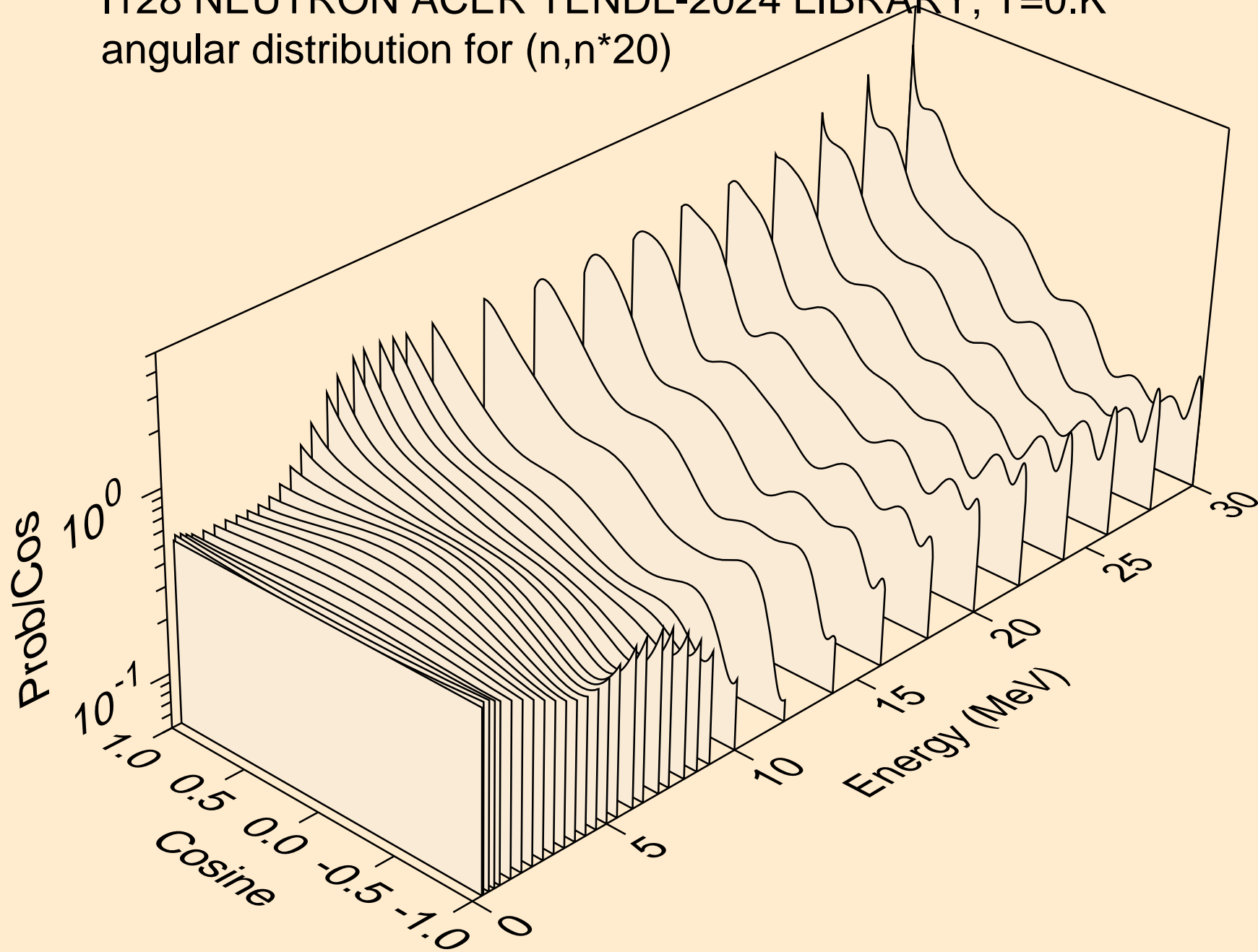
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angular distribution for (n,n\*18)



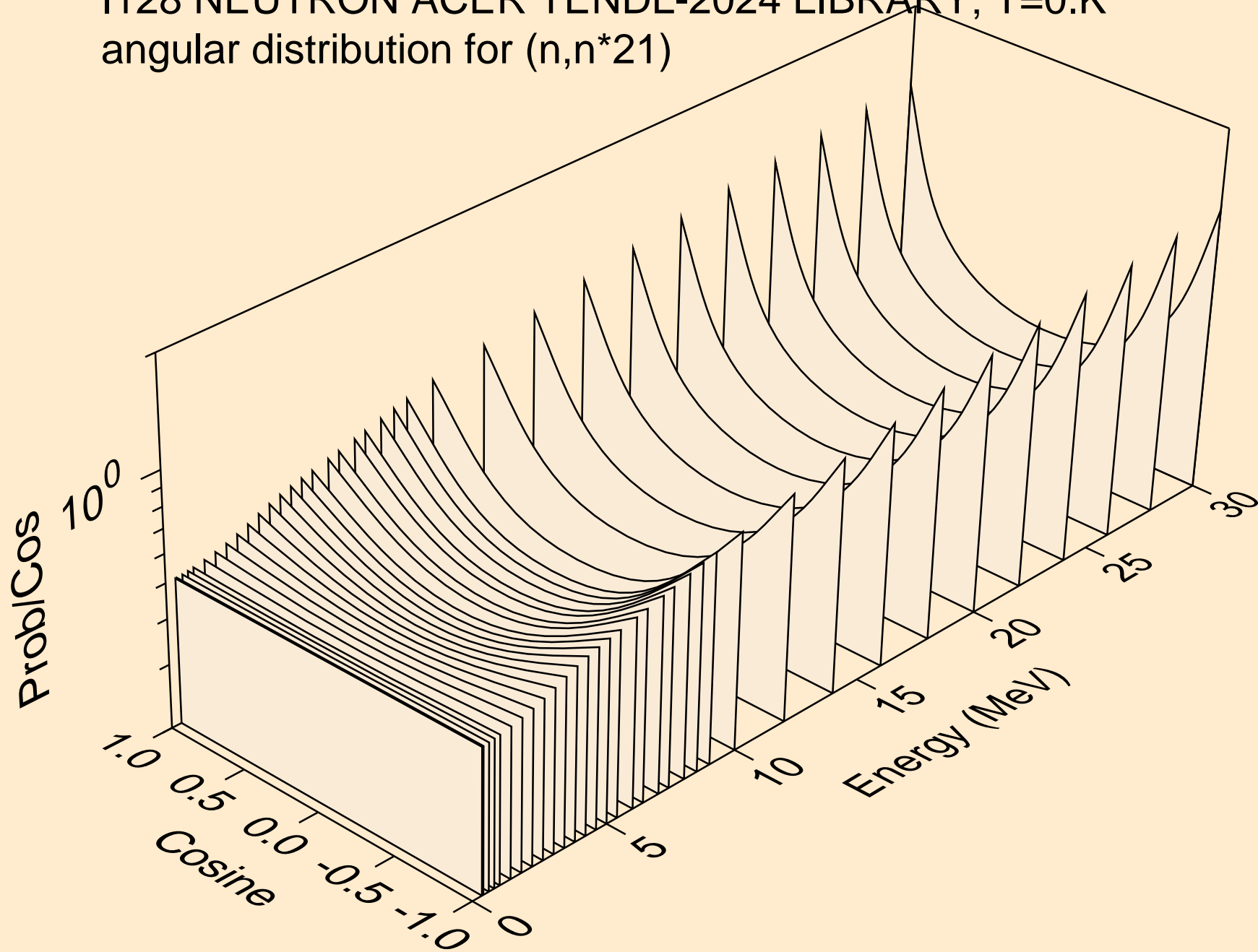
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angular distribution for (n,n\*19)



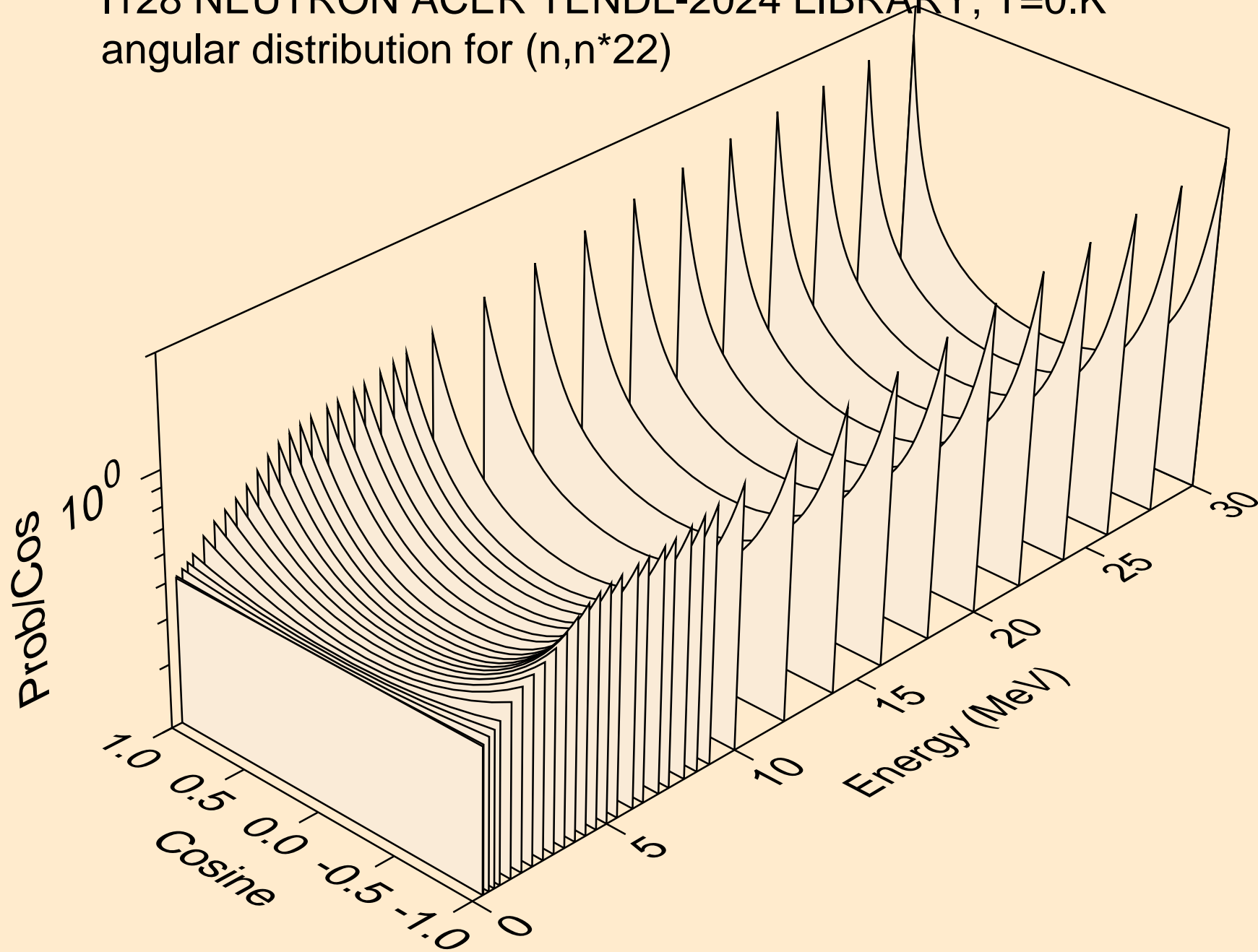
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

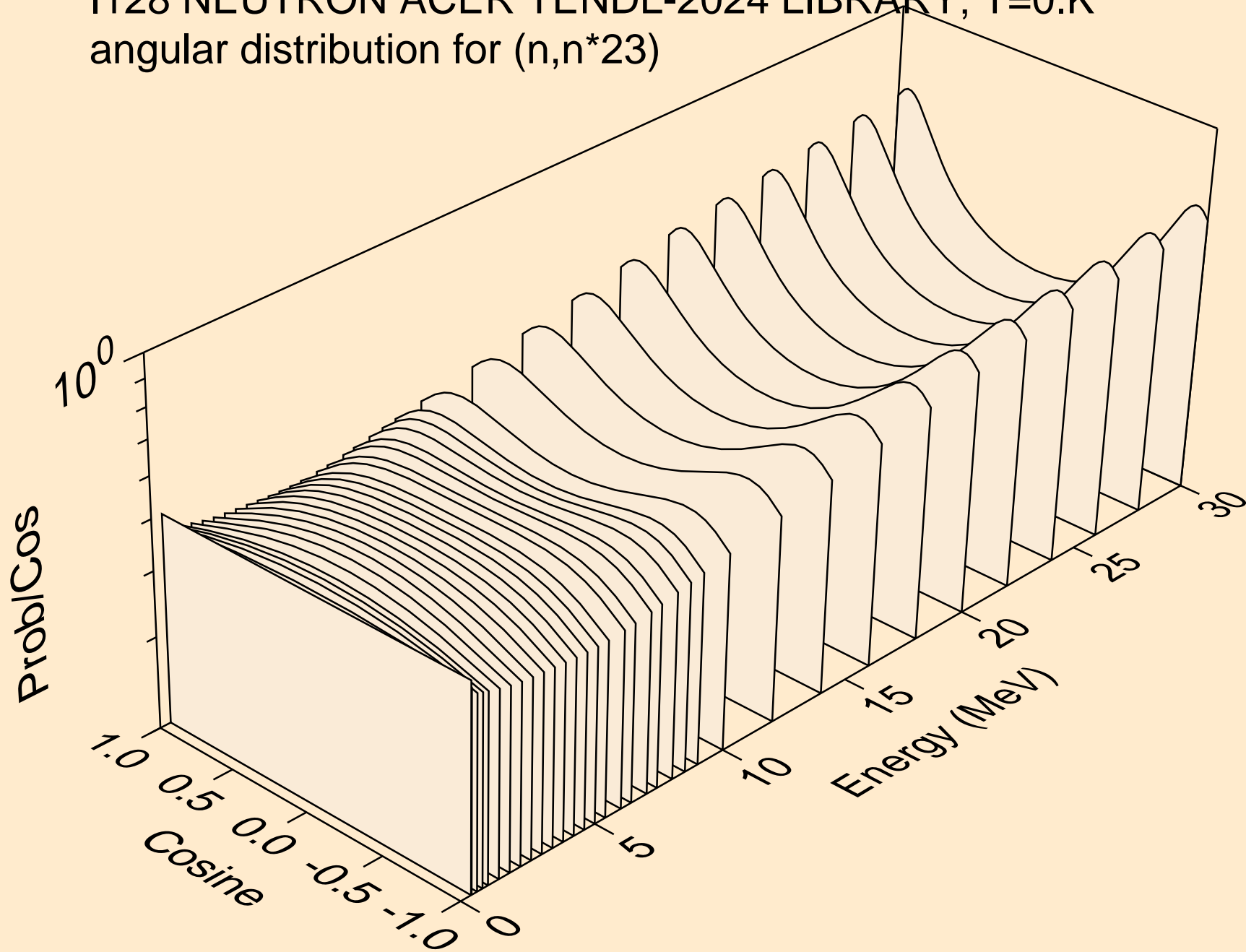


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

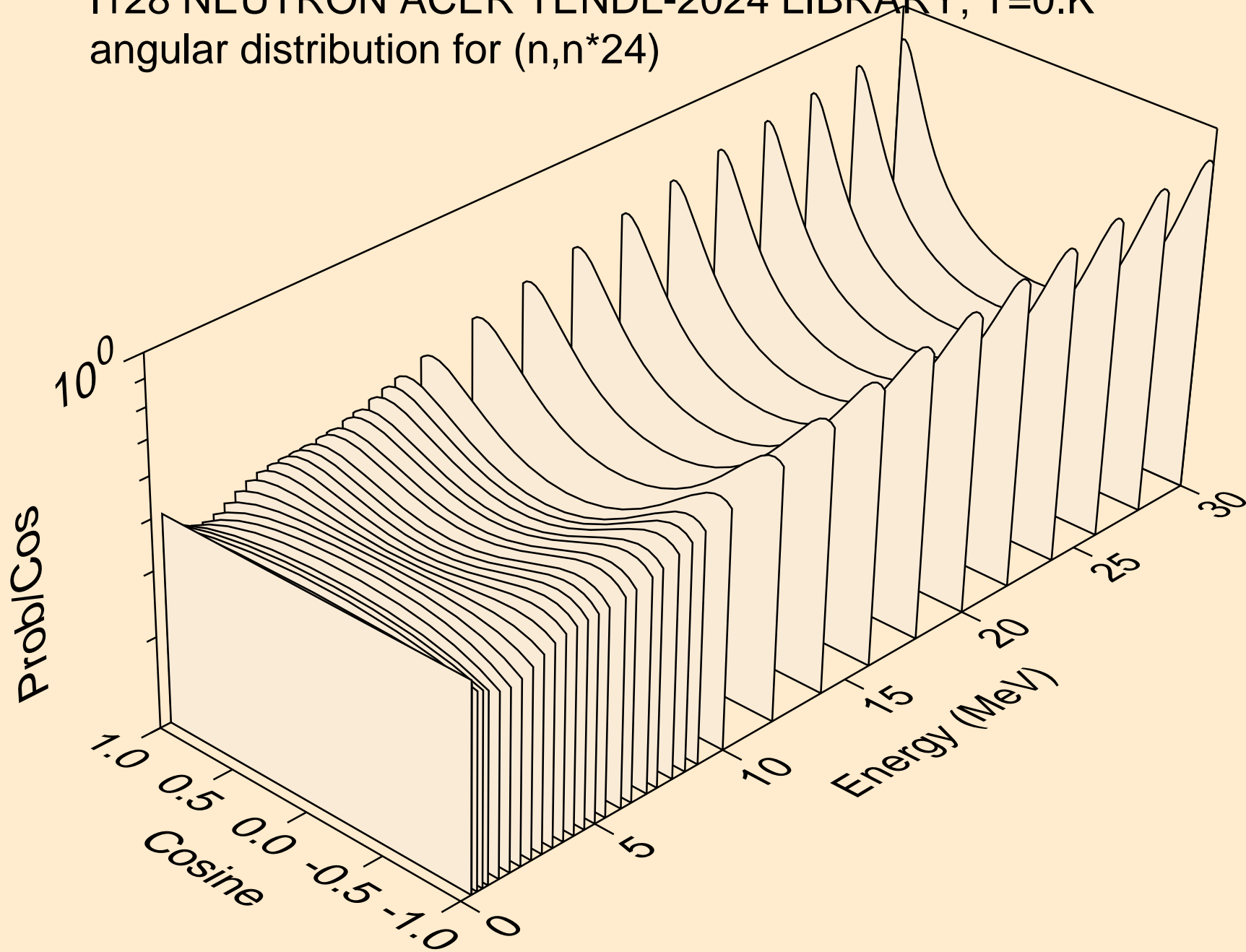




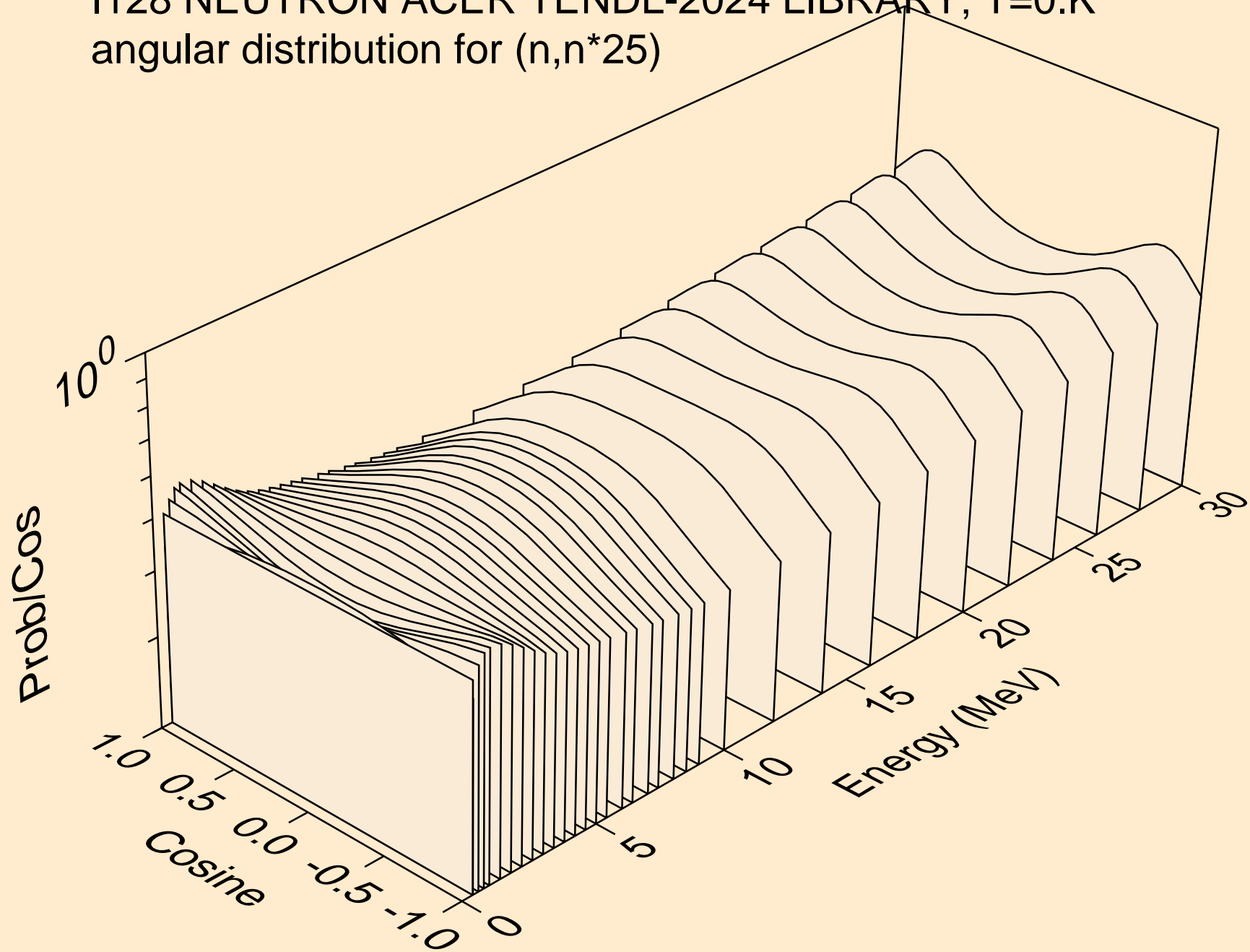
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



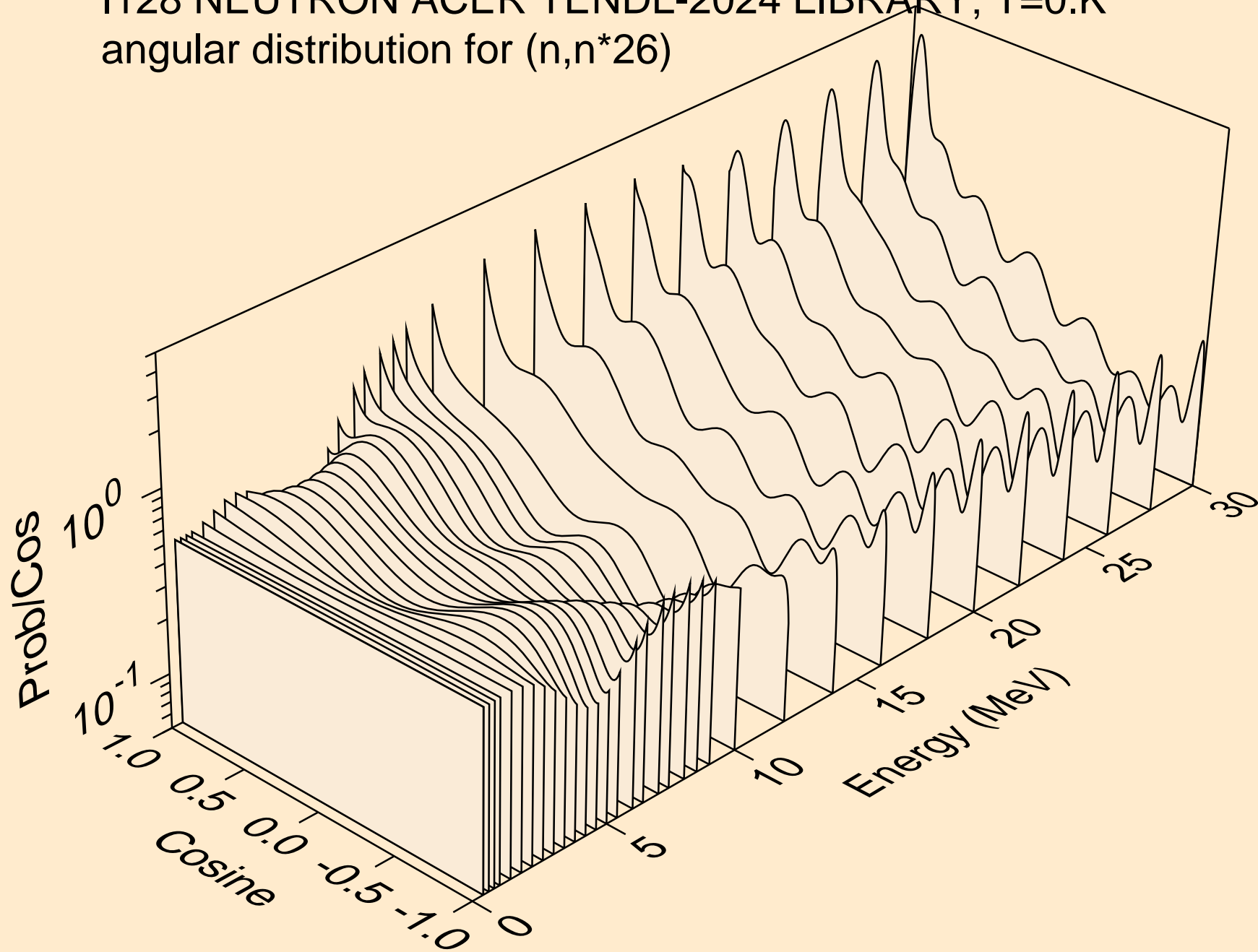
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



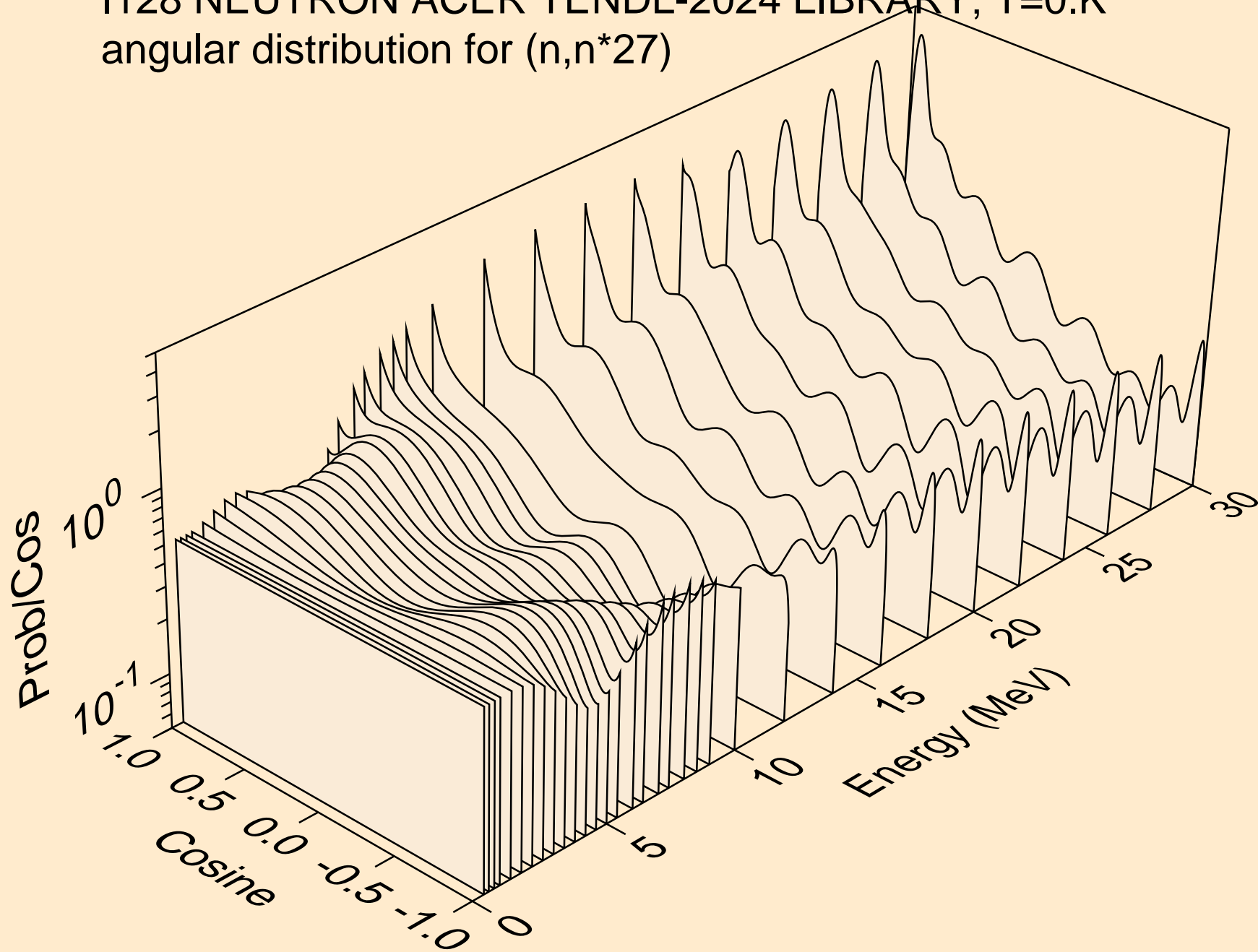
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



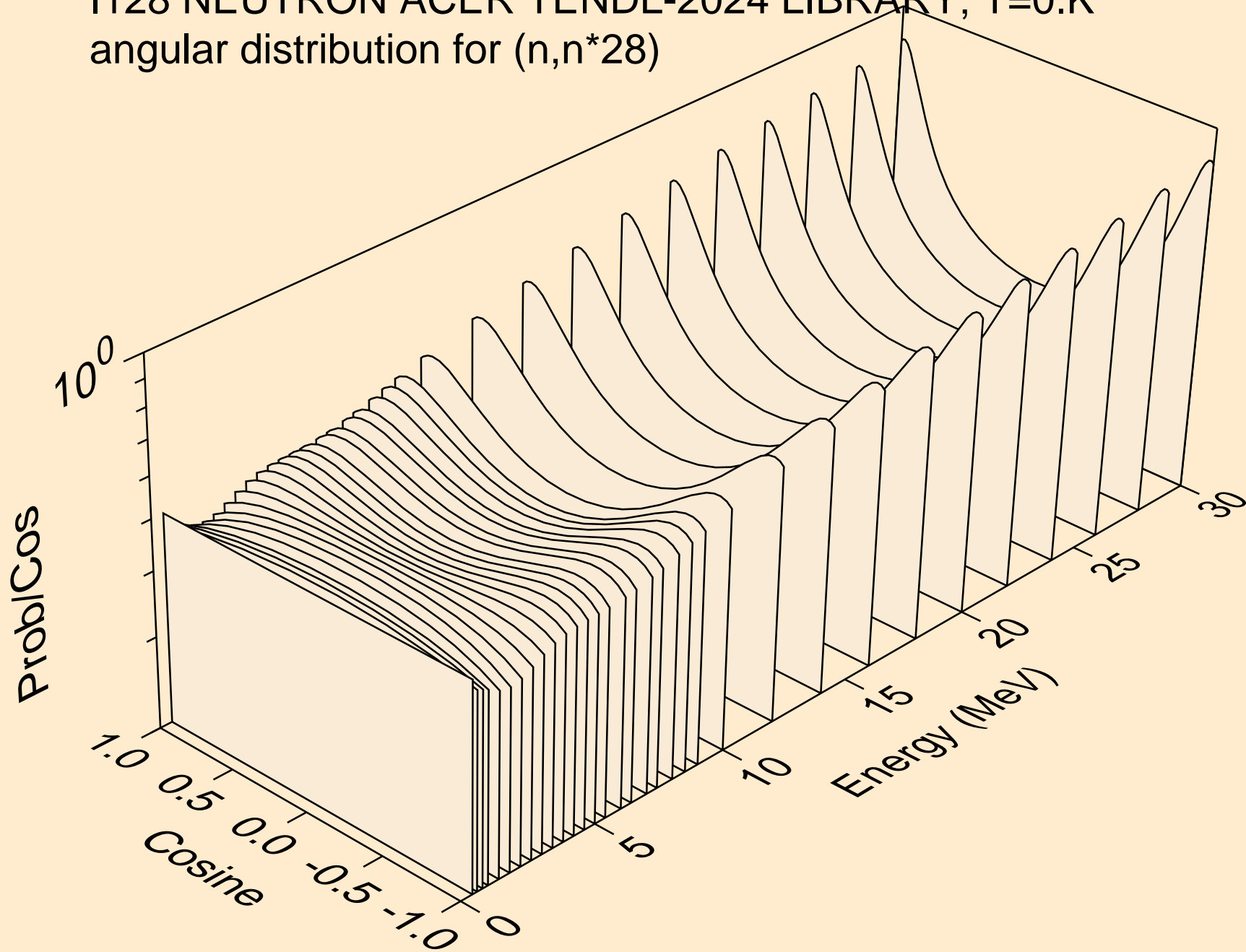
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angular distribution for (n,n\*26)



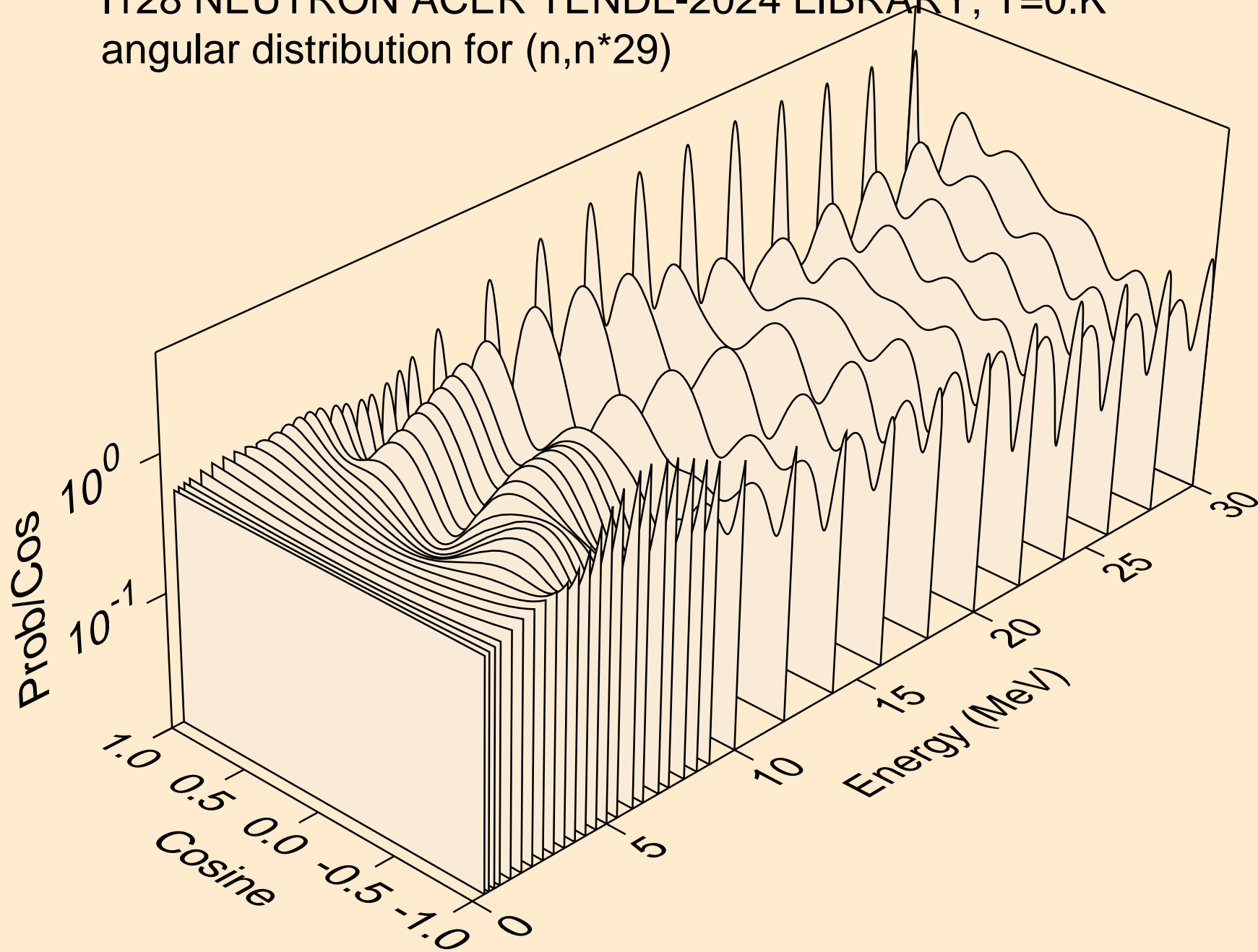
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angular distribution for (n,n\*27)



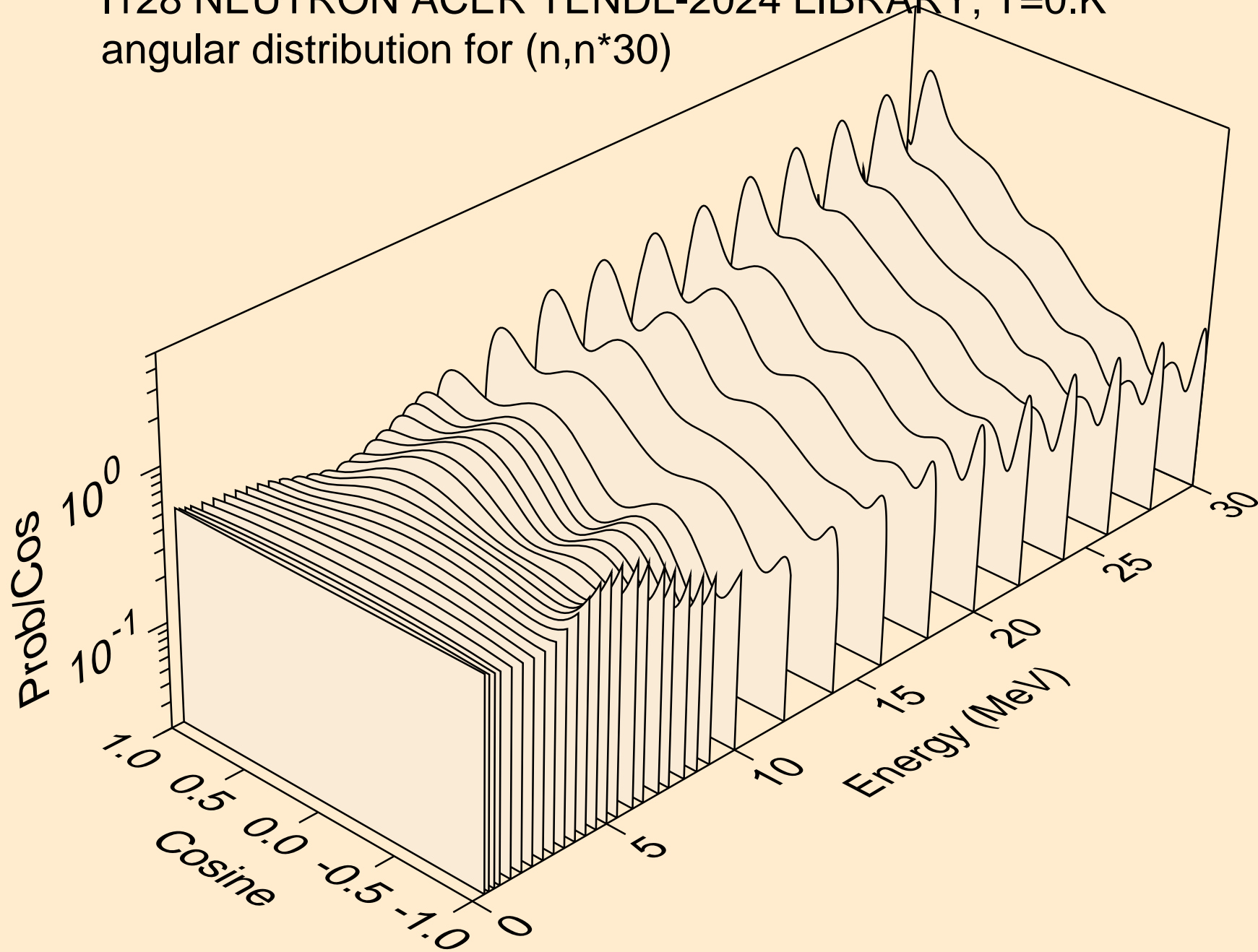
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

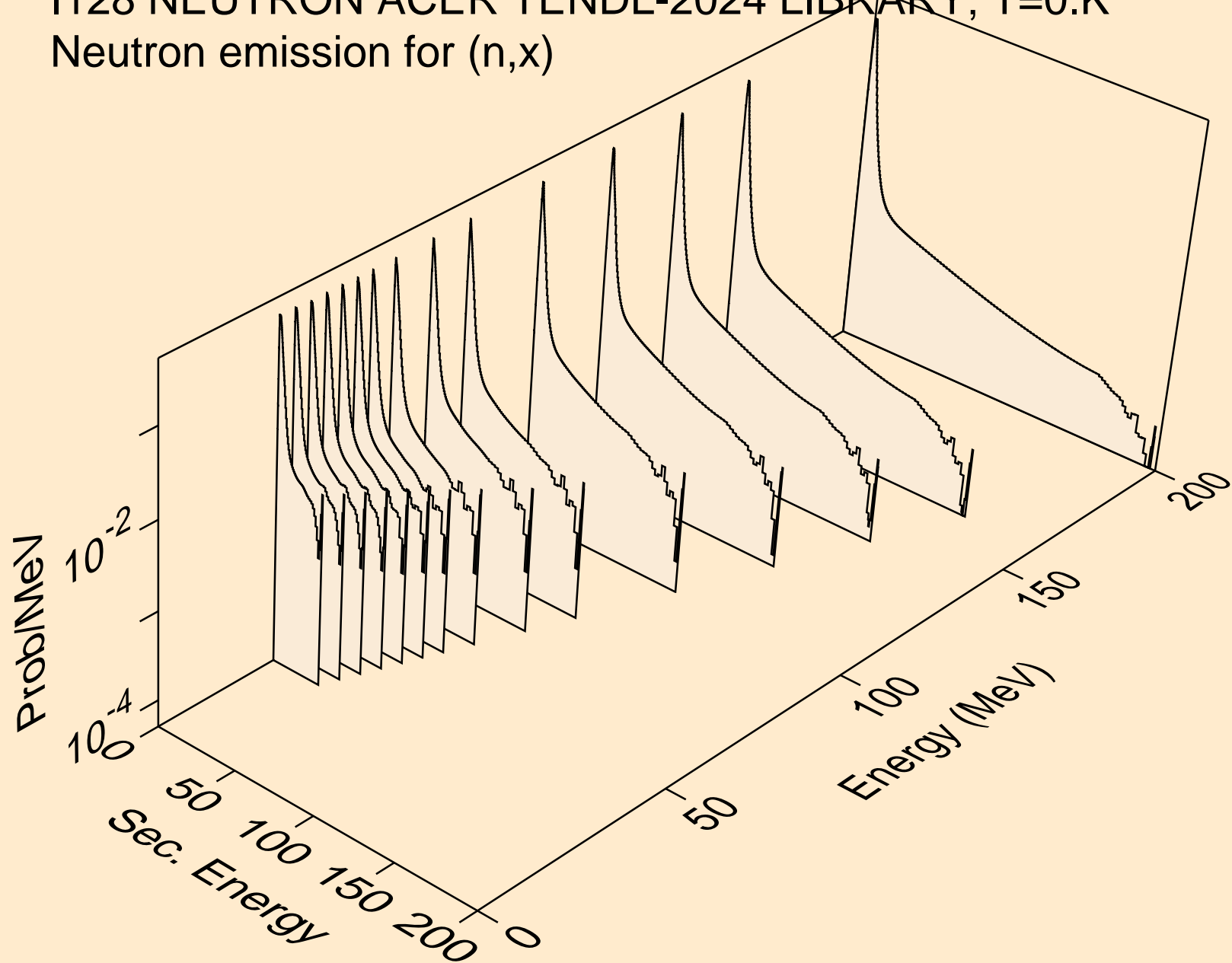


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

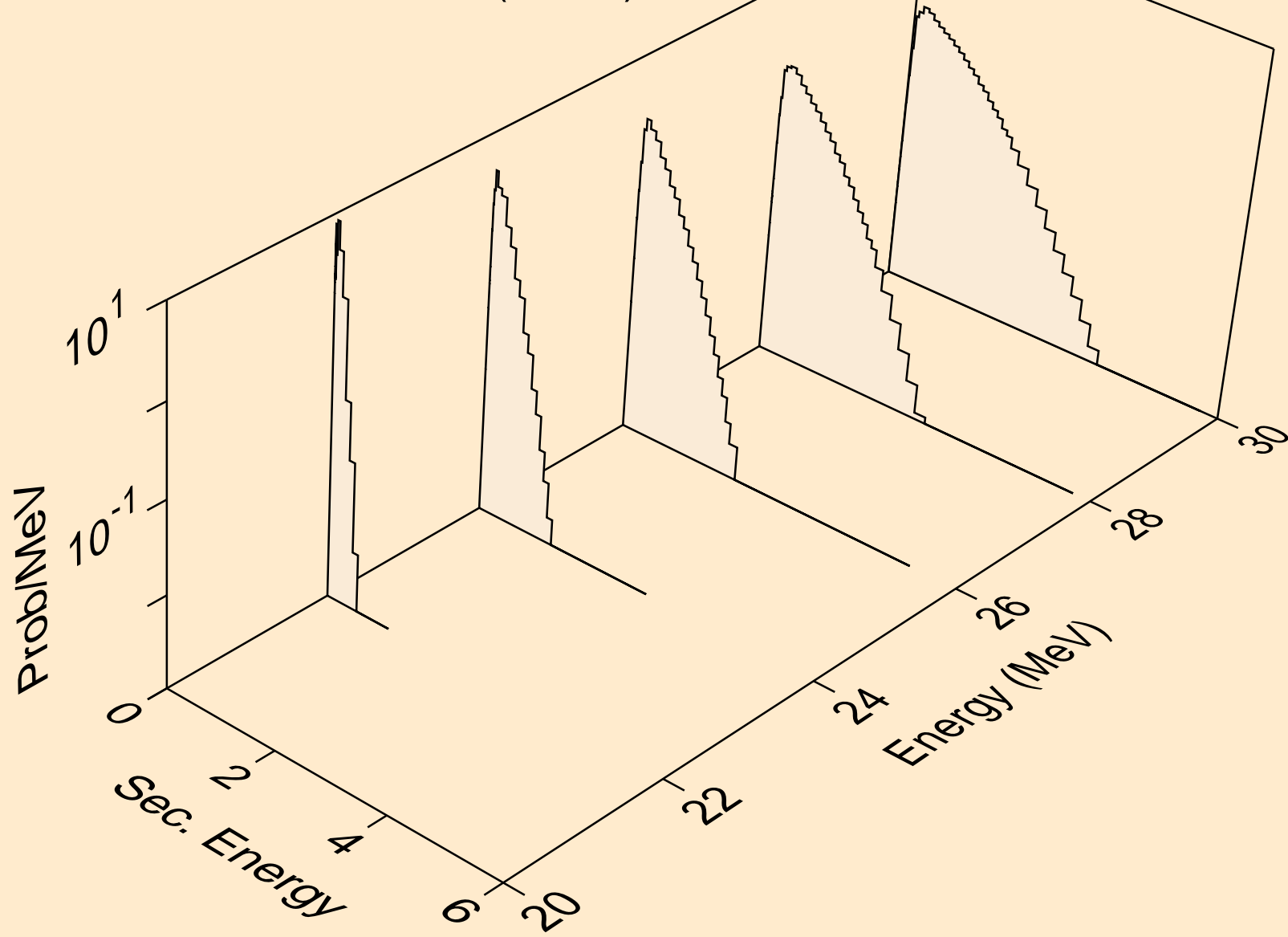




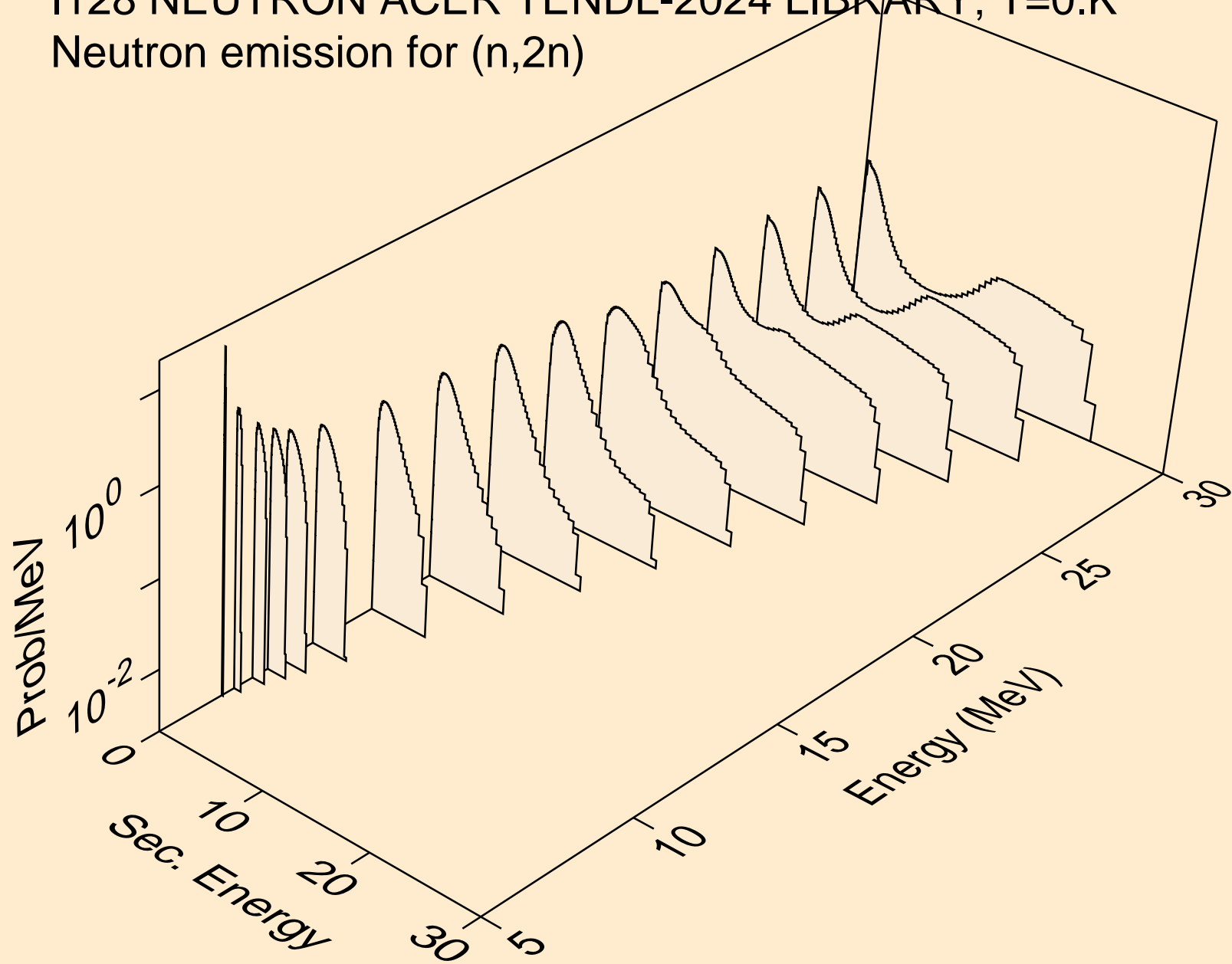
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



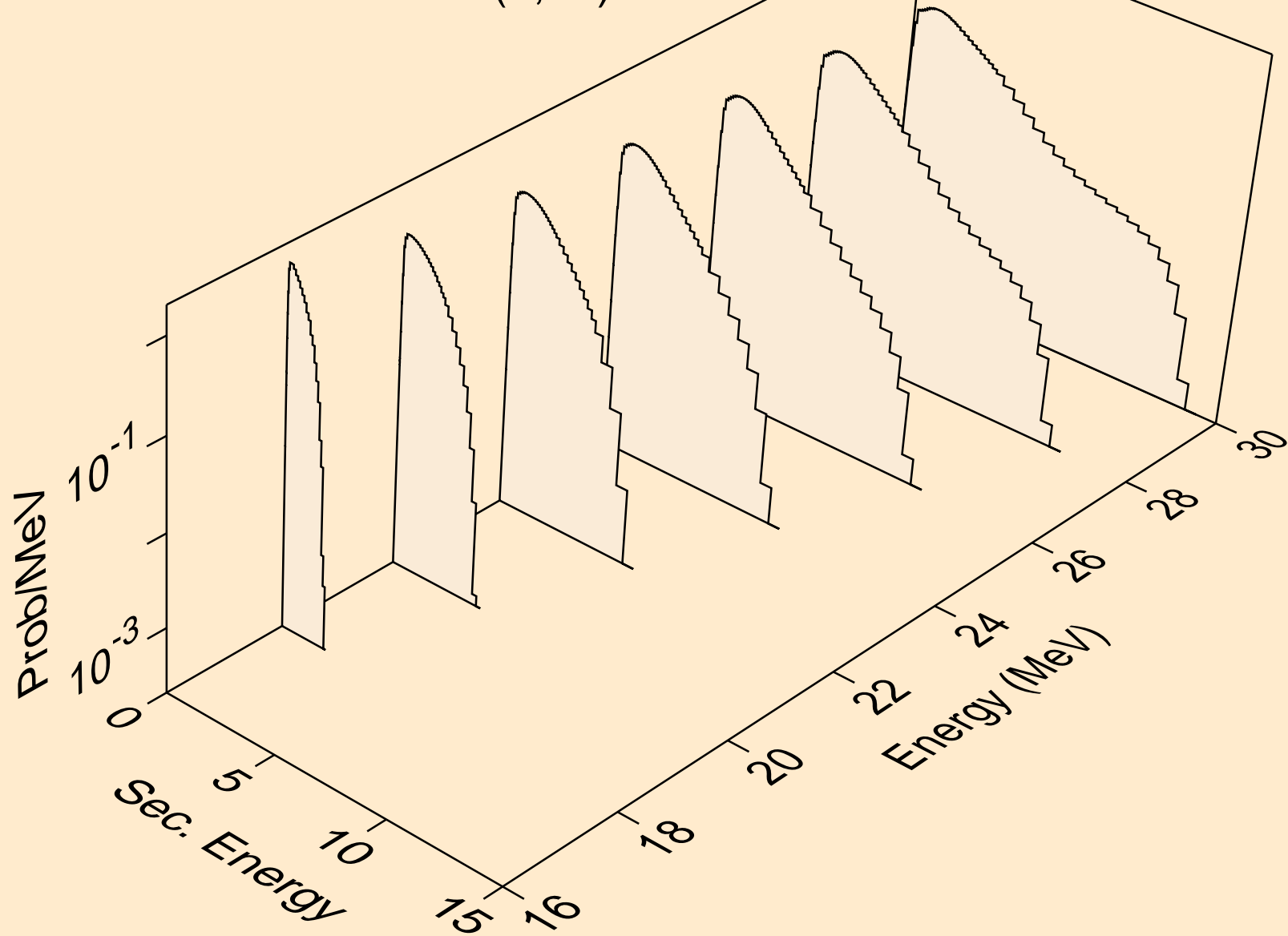
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



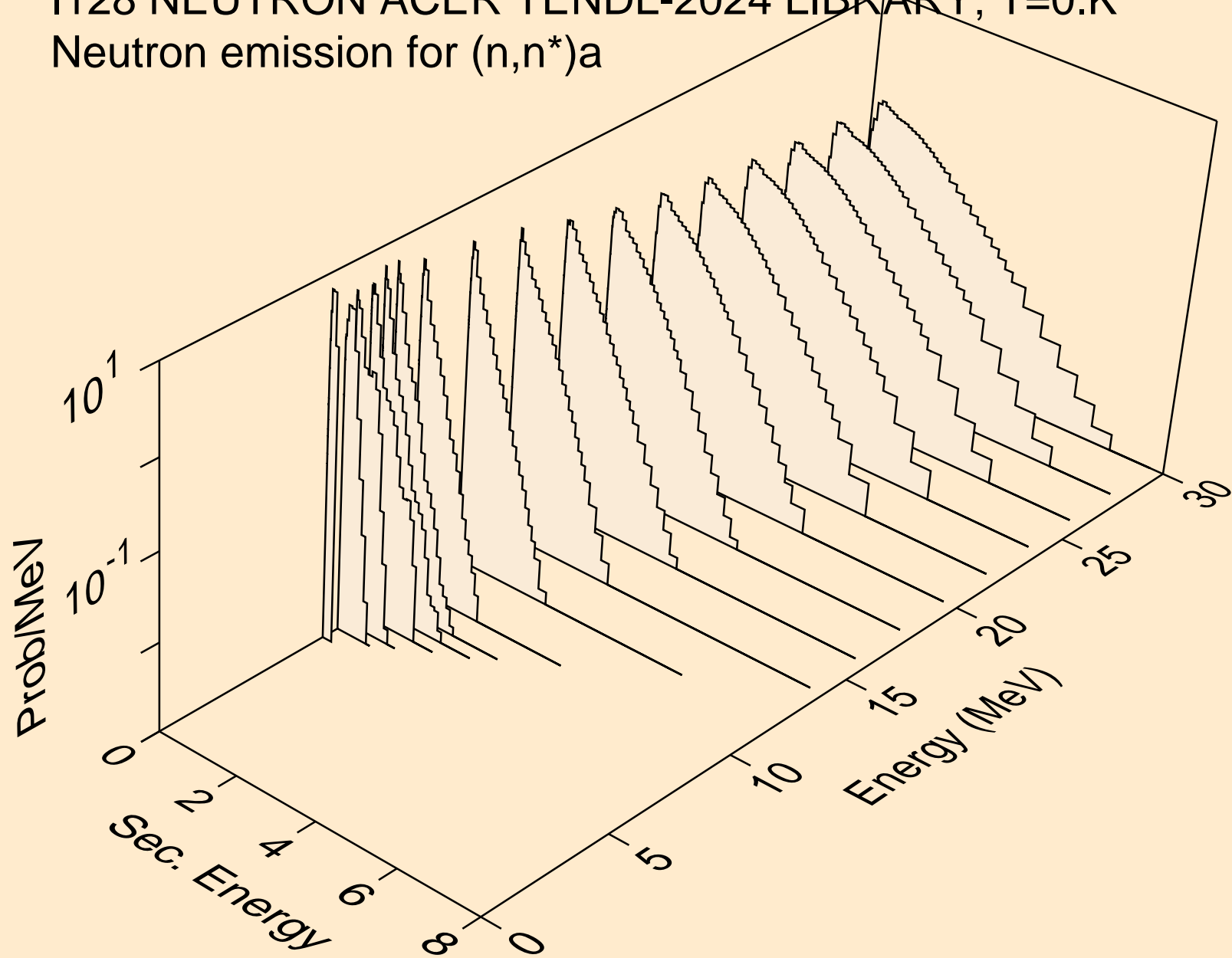
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



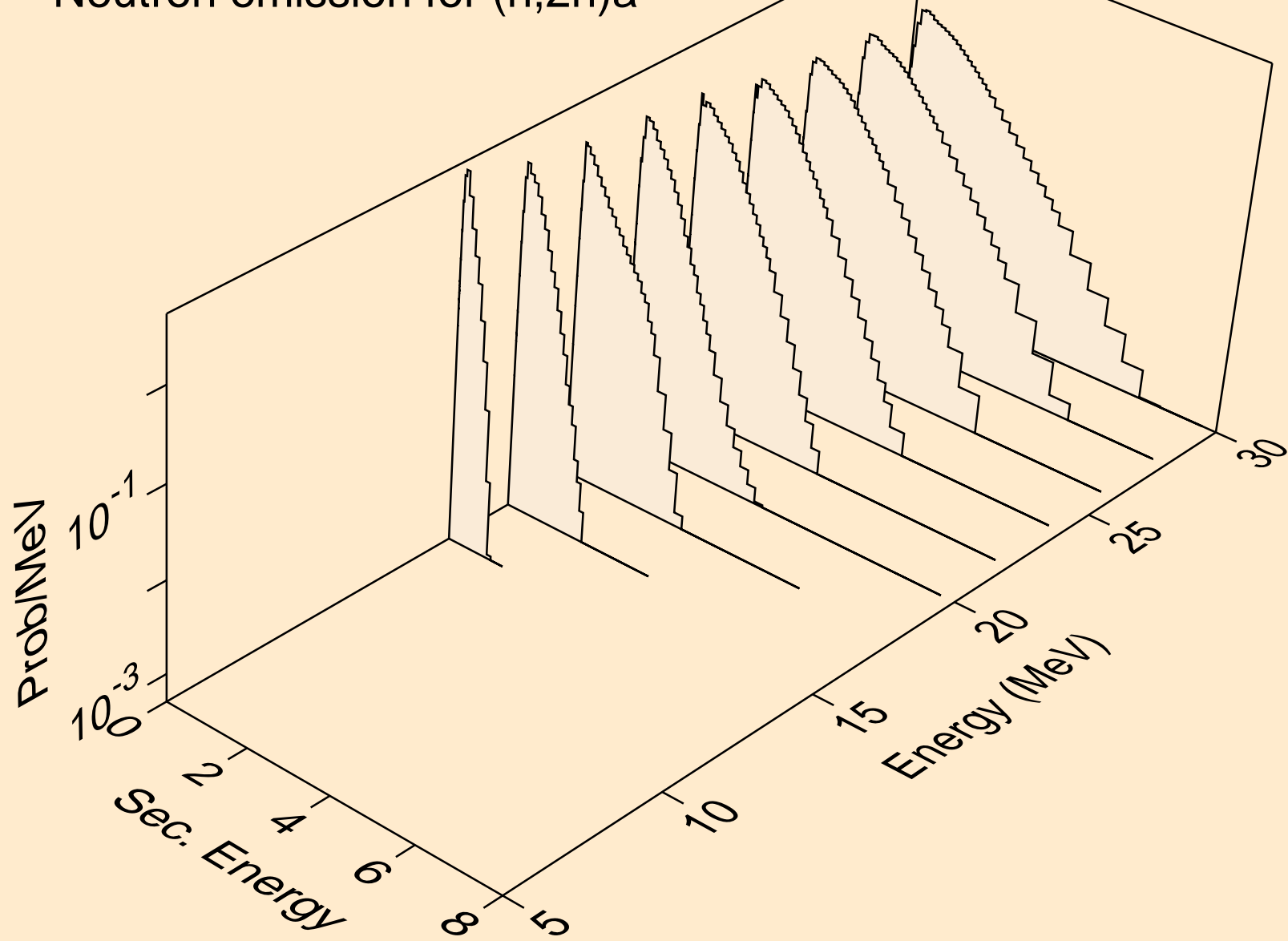
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



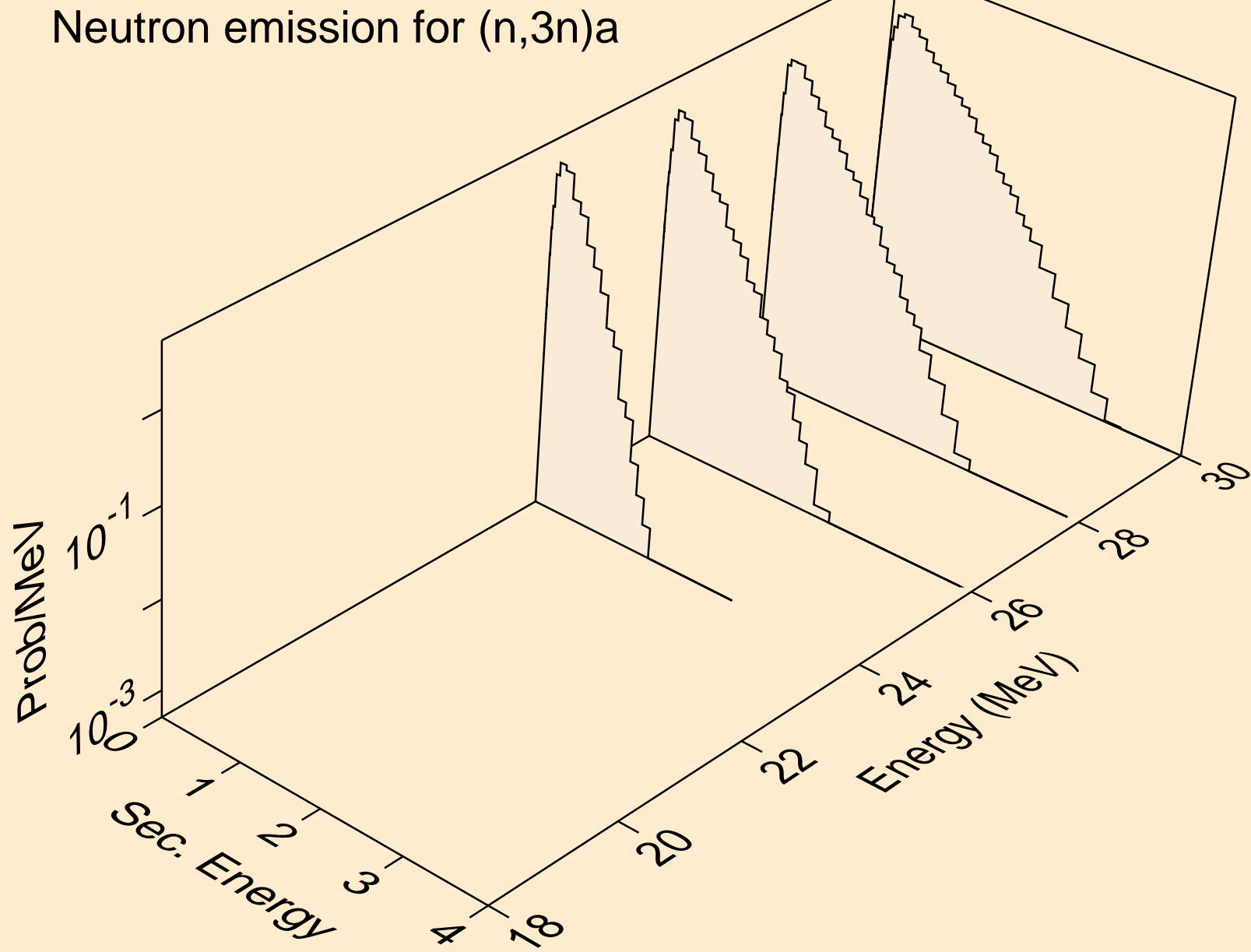
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



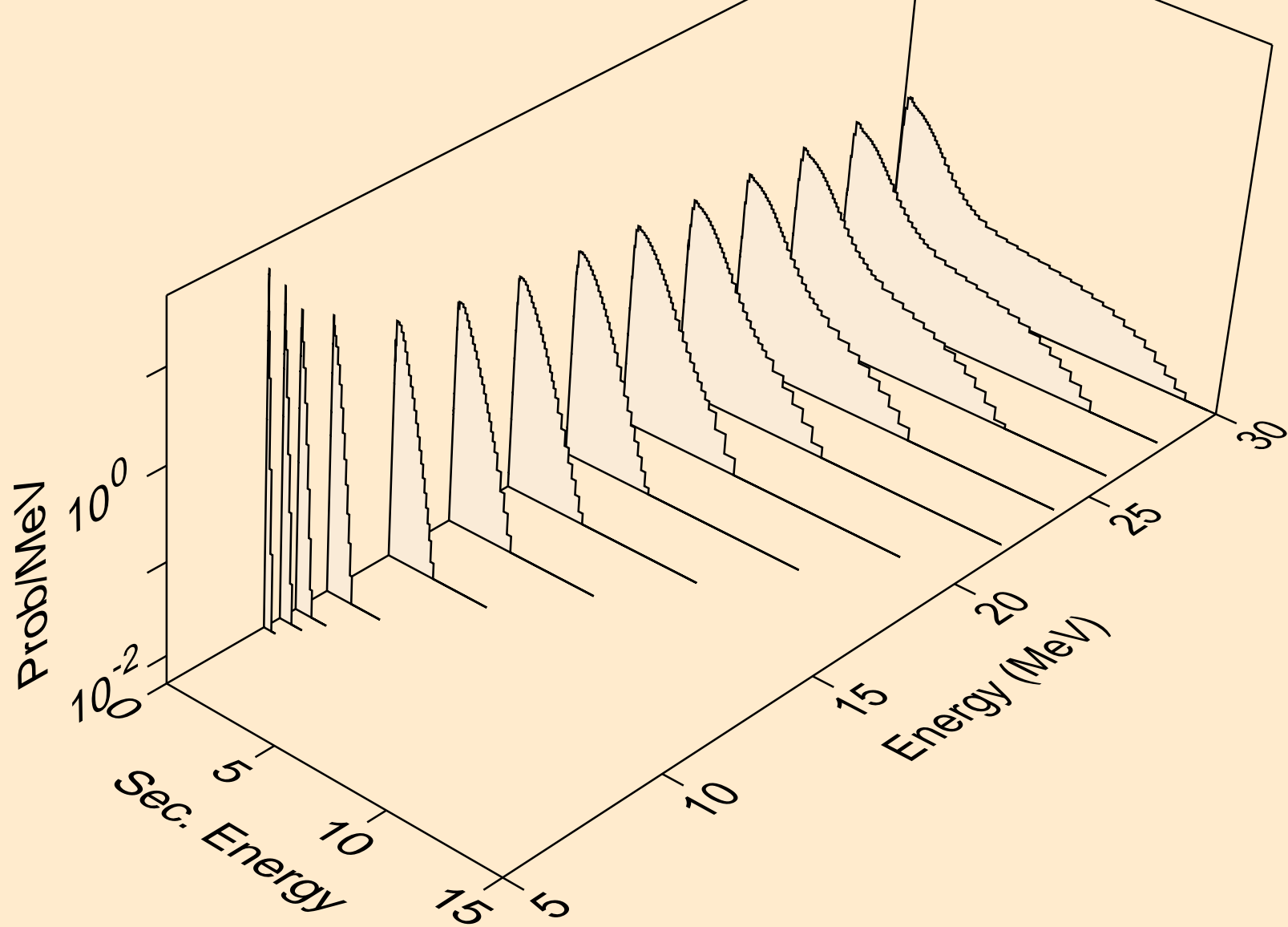
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

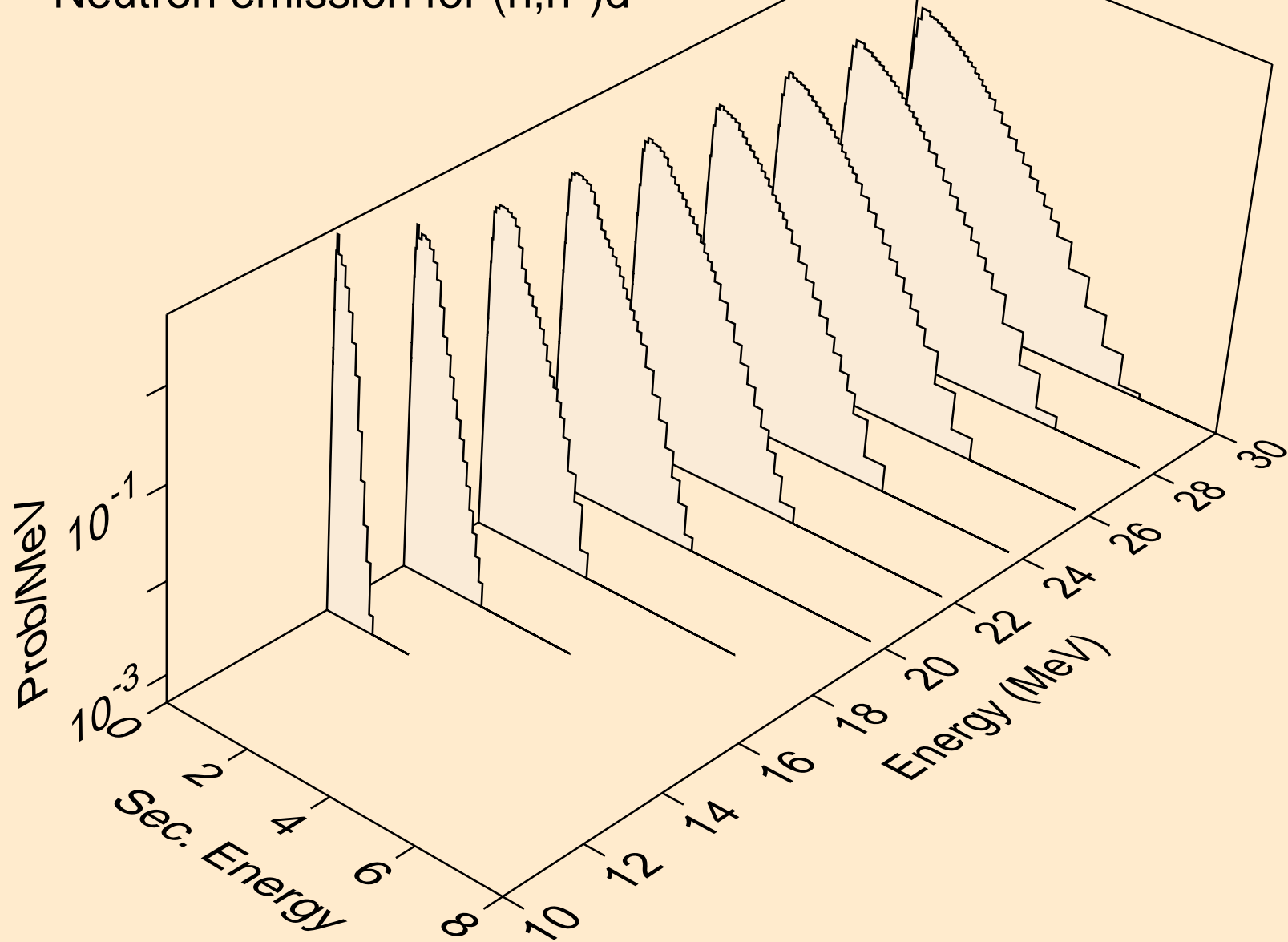


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

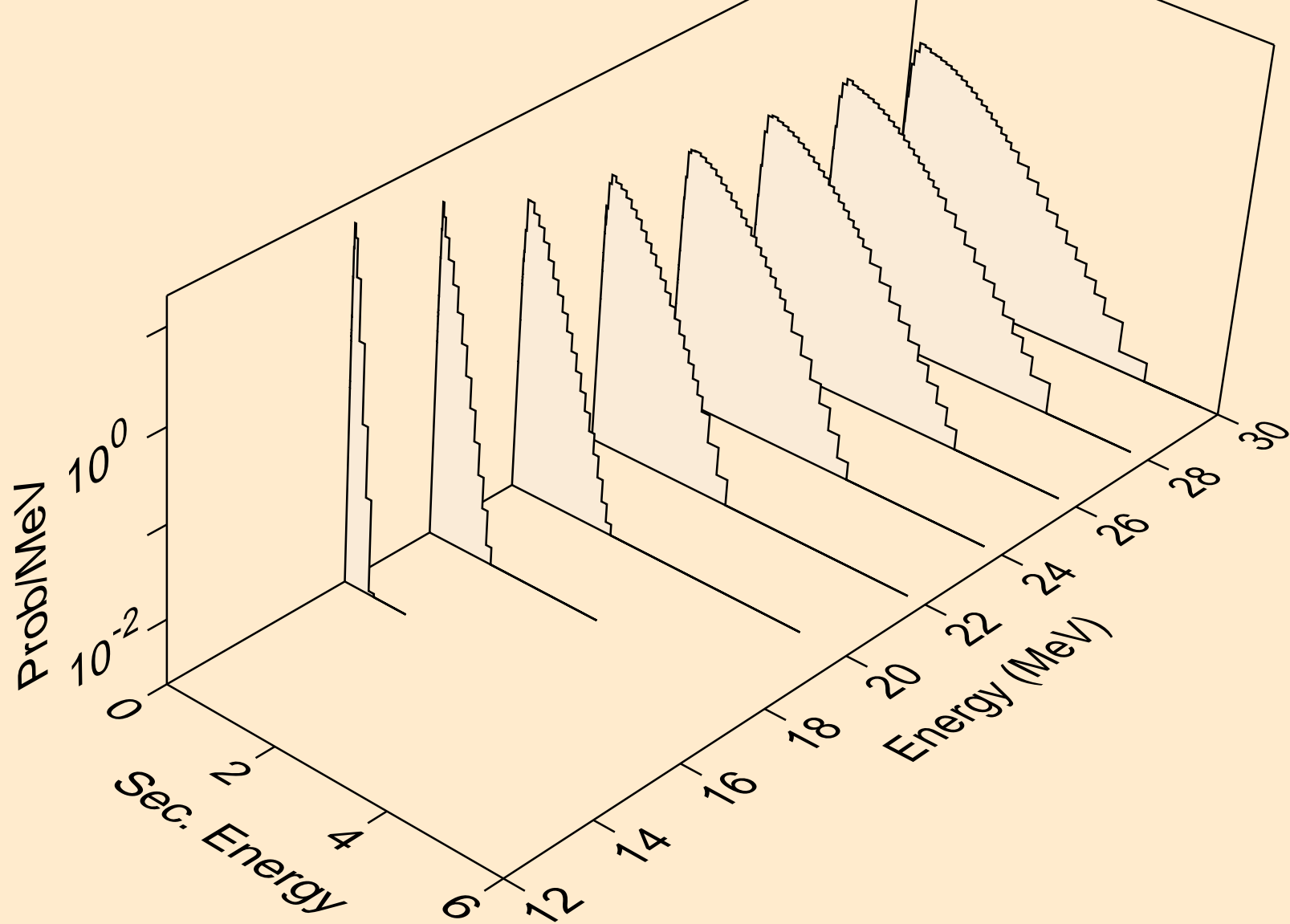




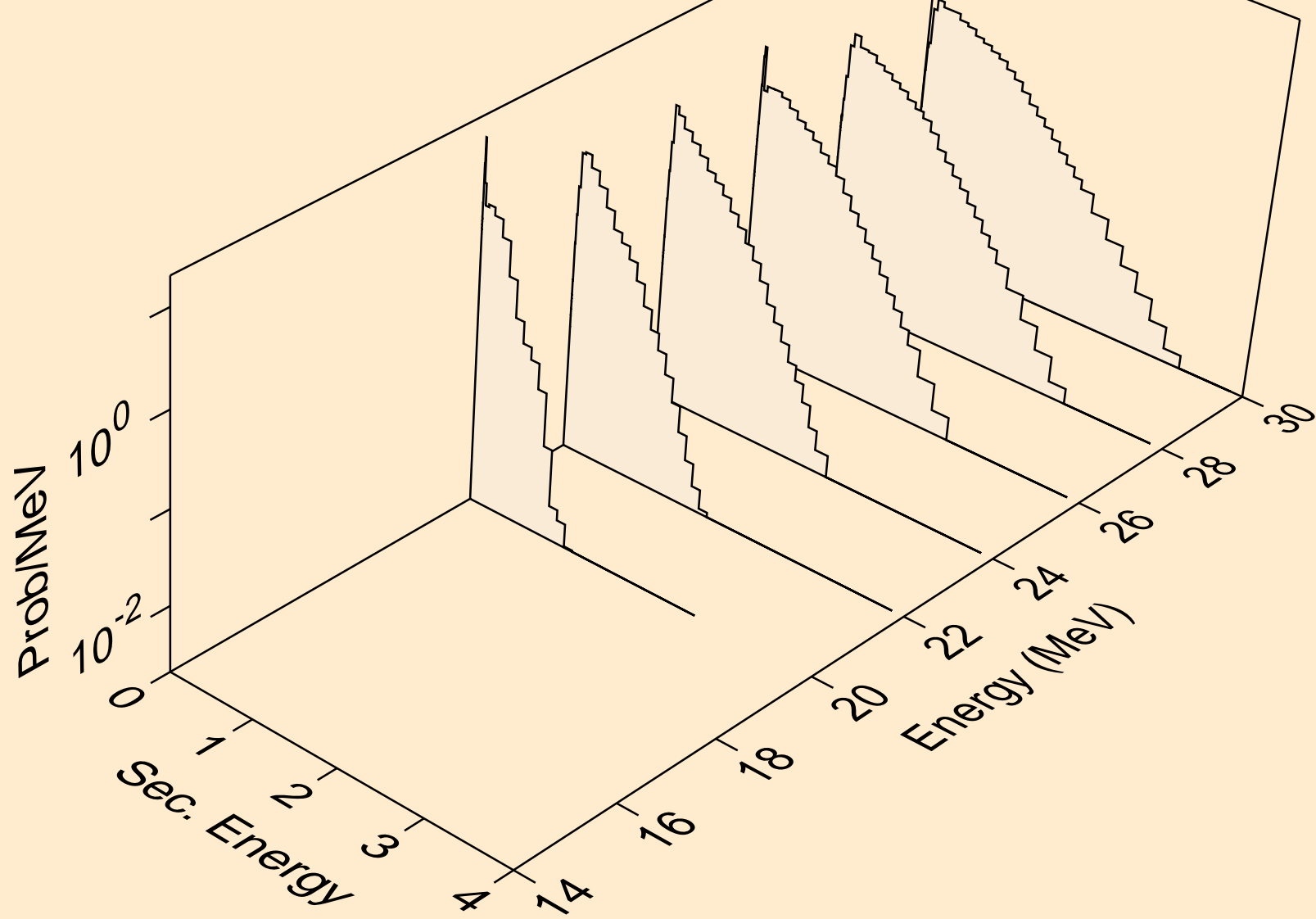
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



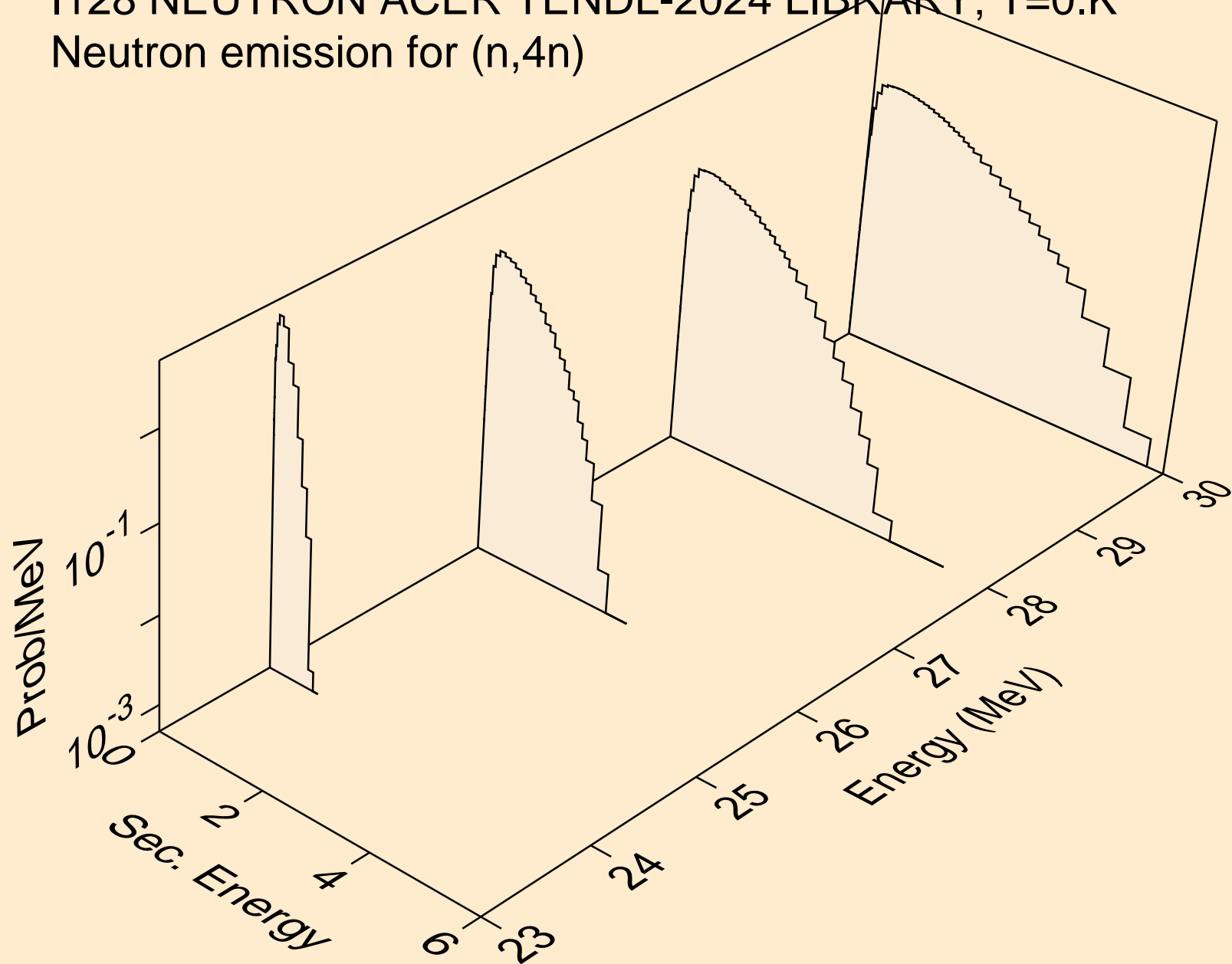
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



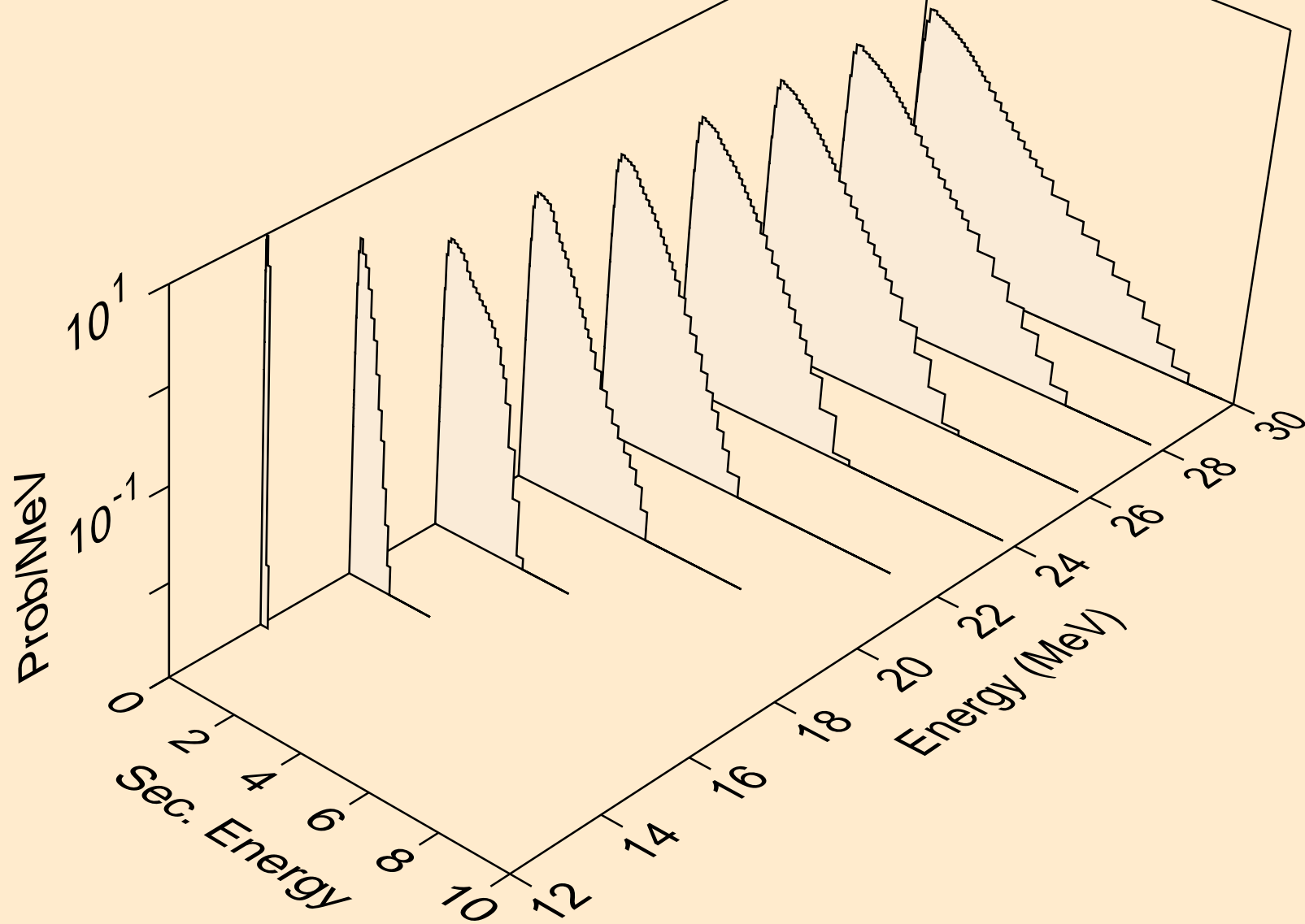
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



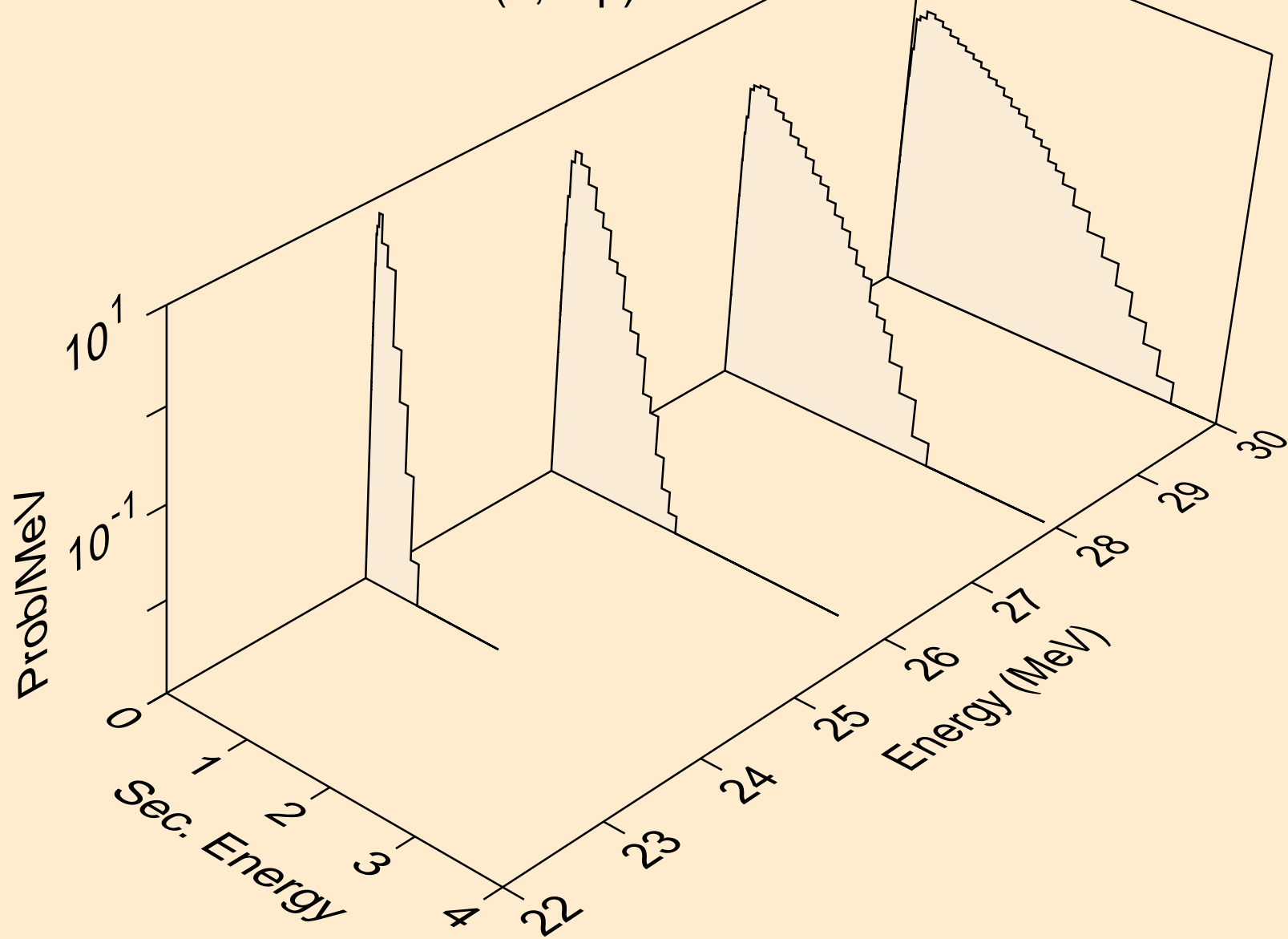
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



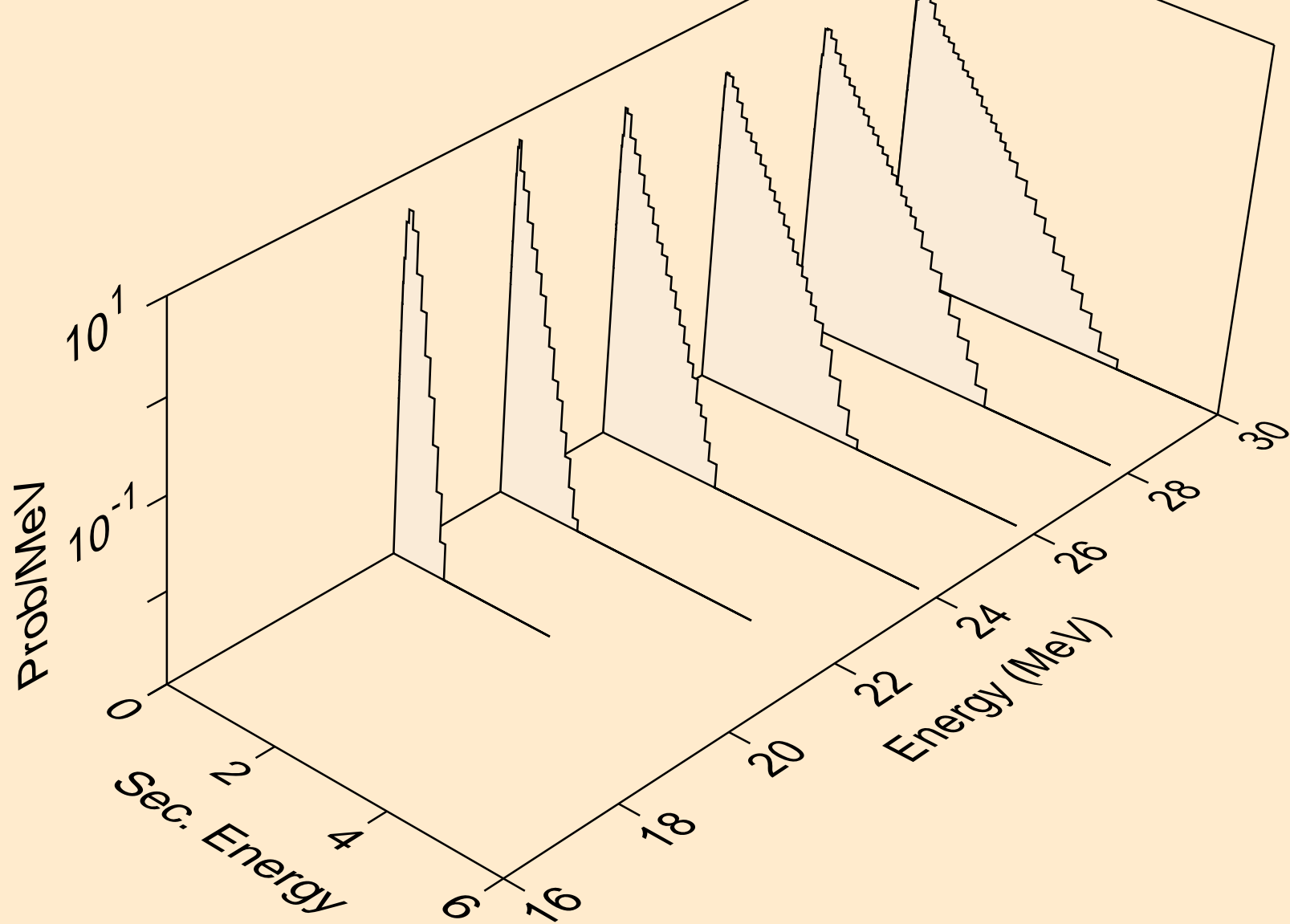
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



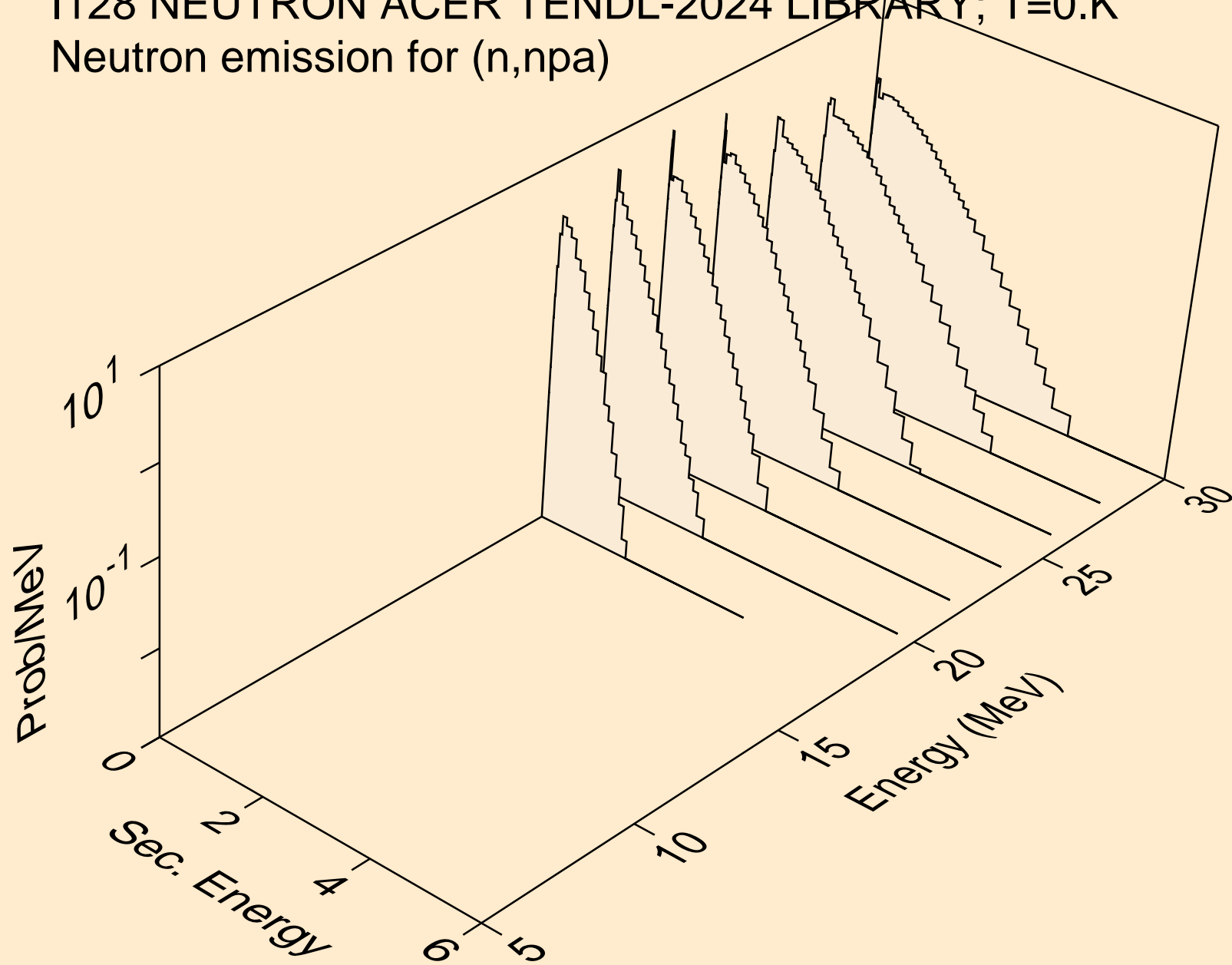
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Neutron emission for (n,3np)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

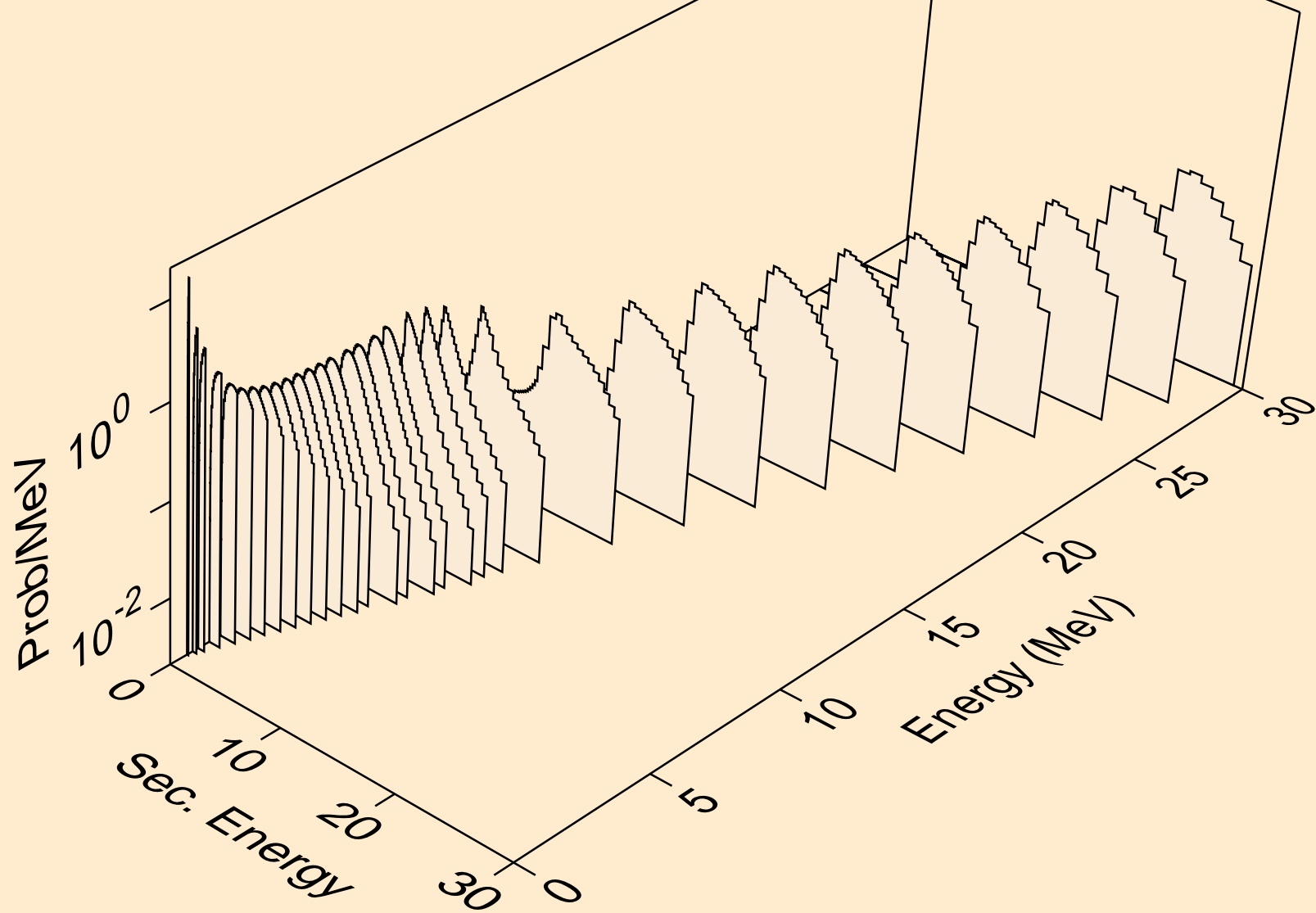


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Neutron emission for (n,npa)

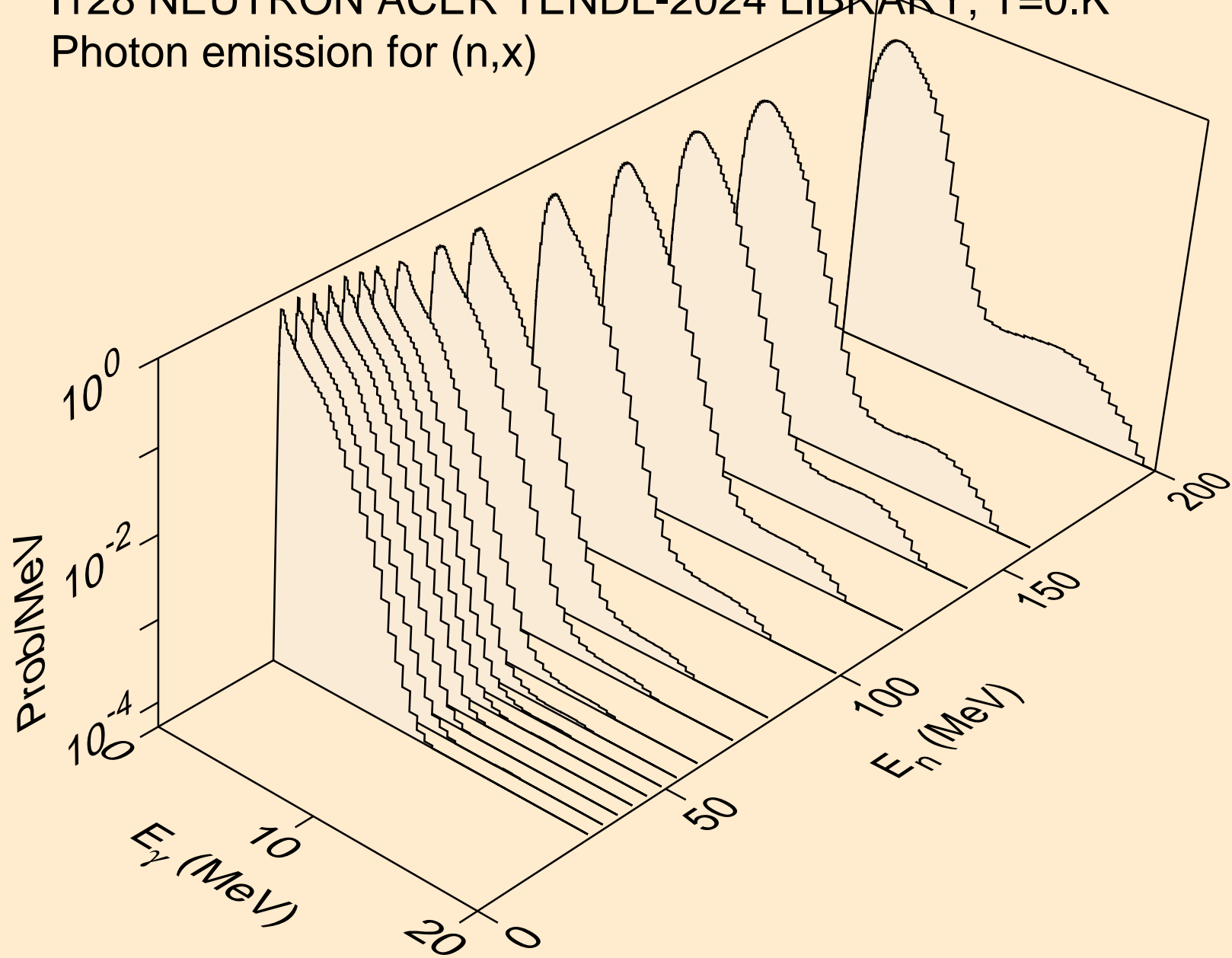




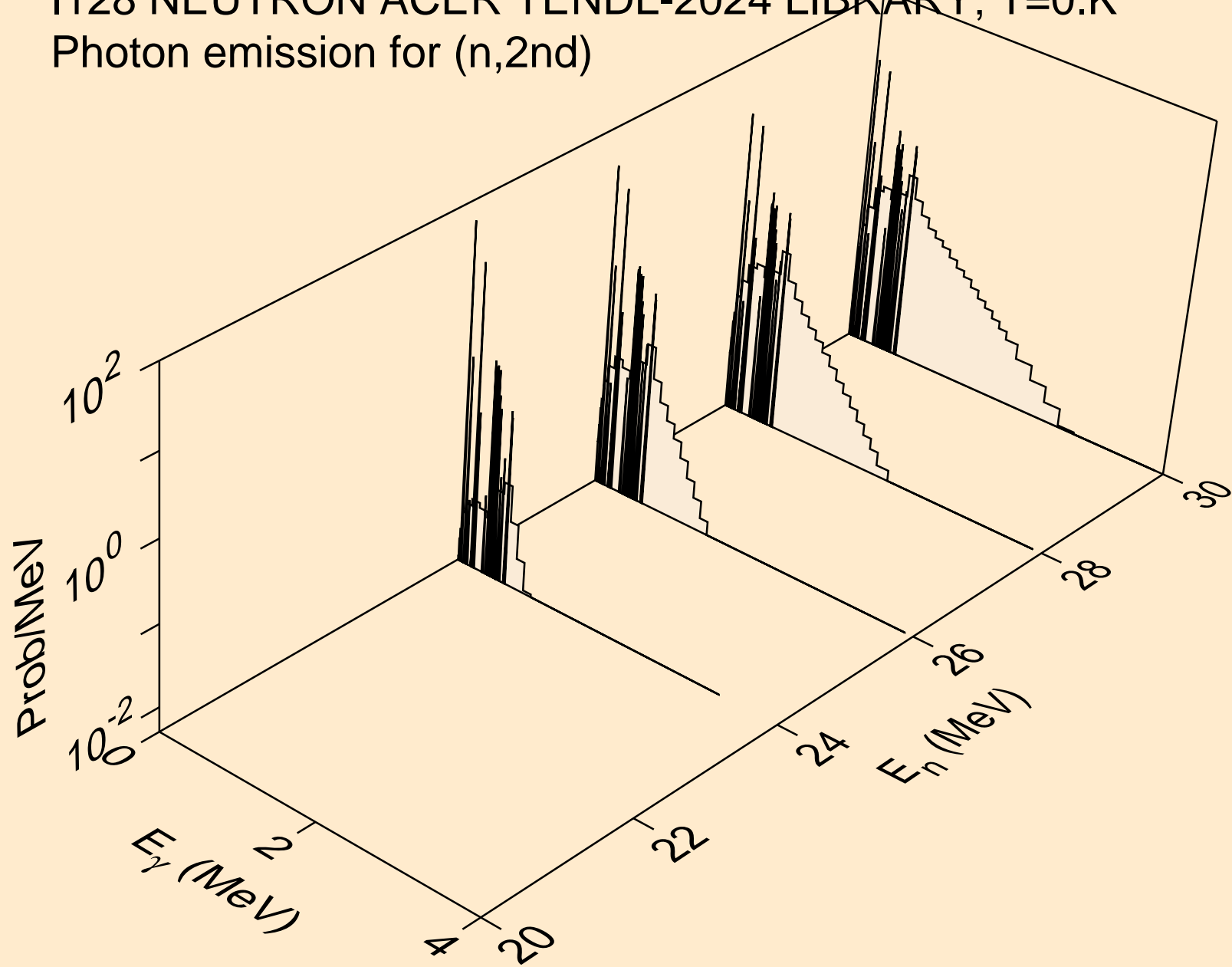
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Neutron emission for (n,n\*c)



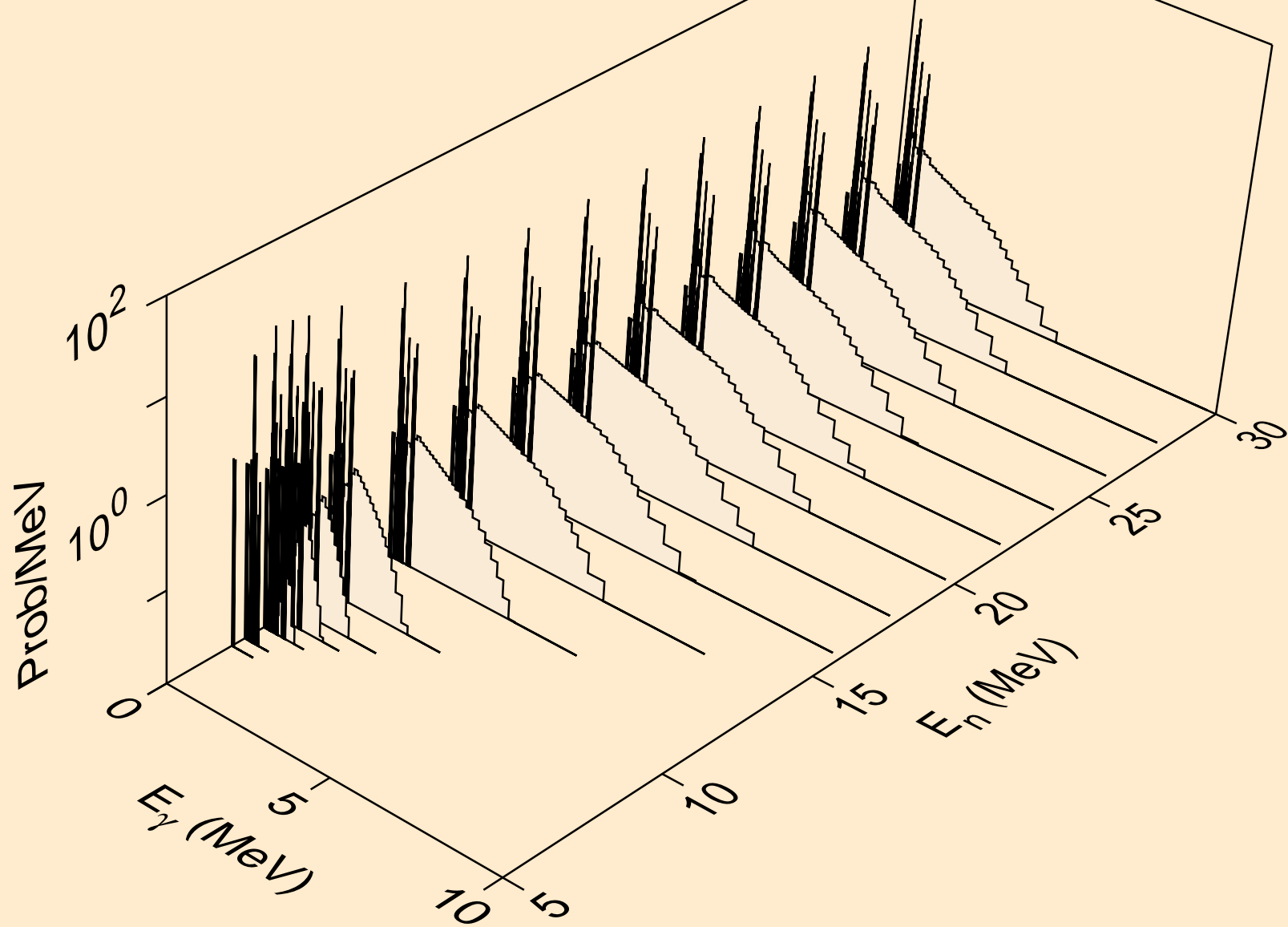
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



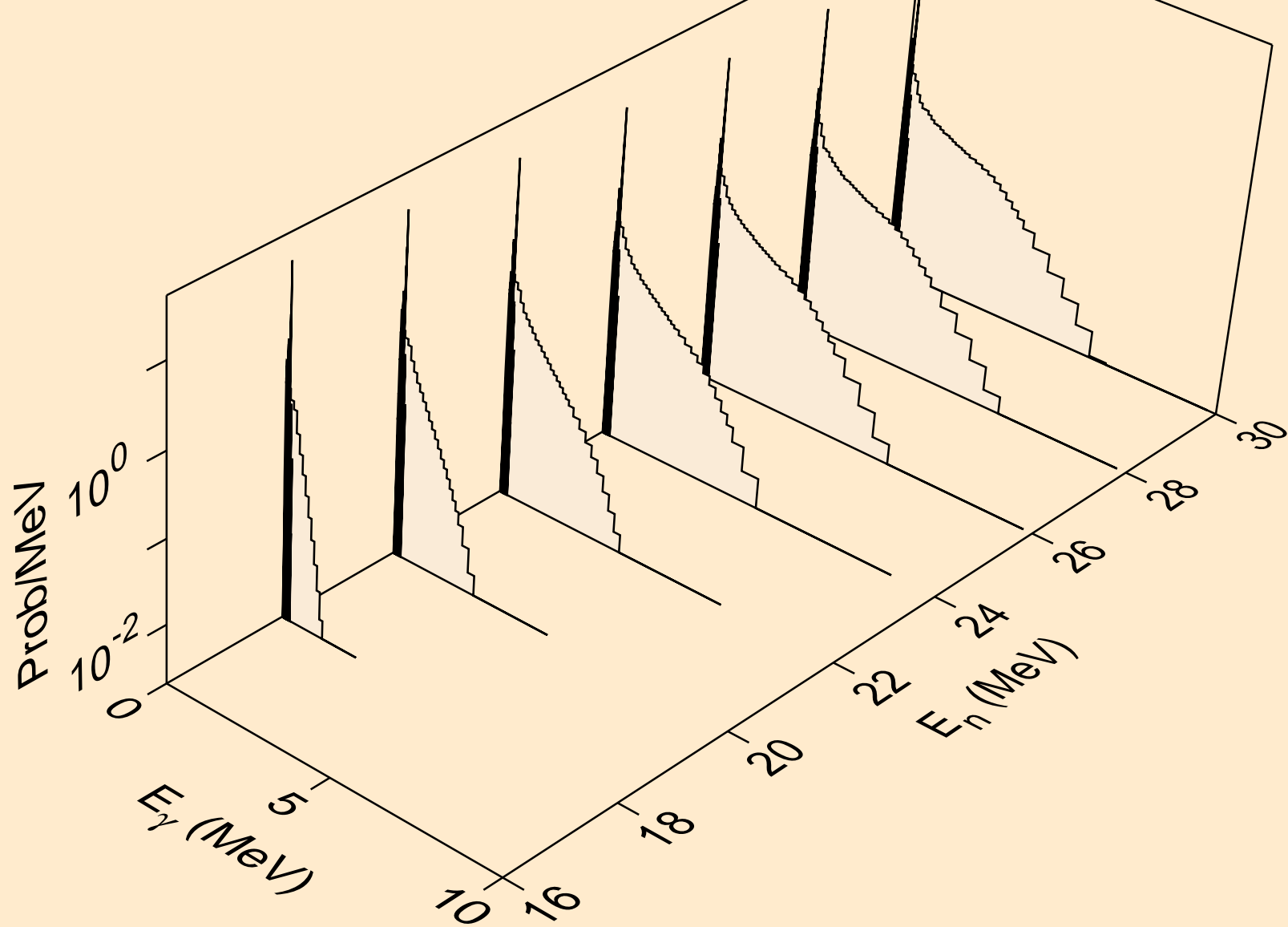
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Photon emission for (n,2nd)



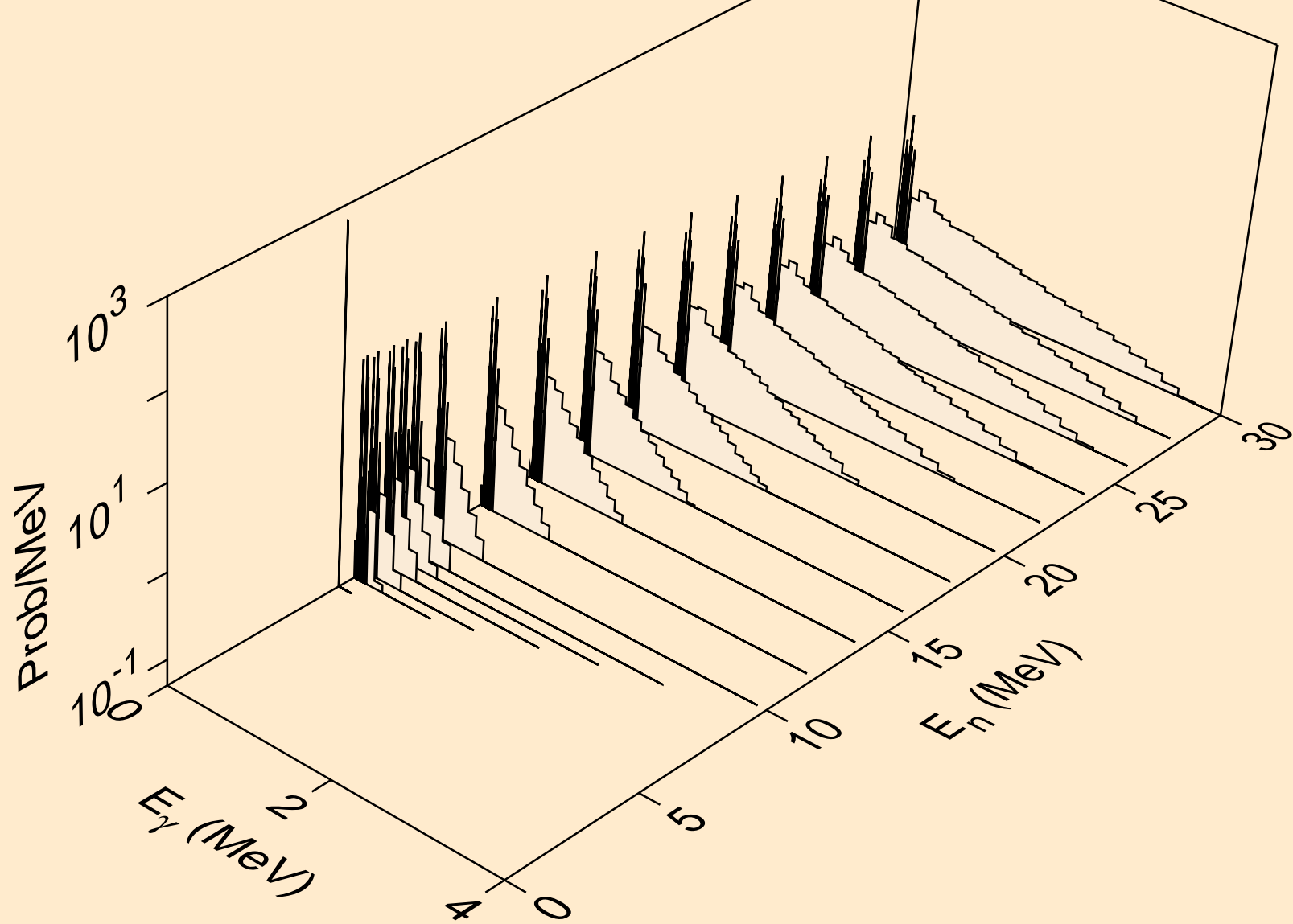
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Photon emission for (n,2n)



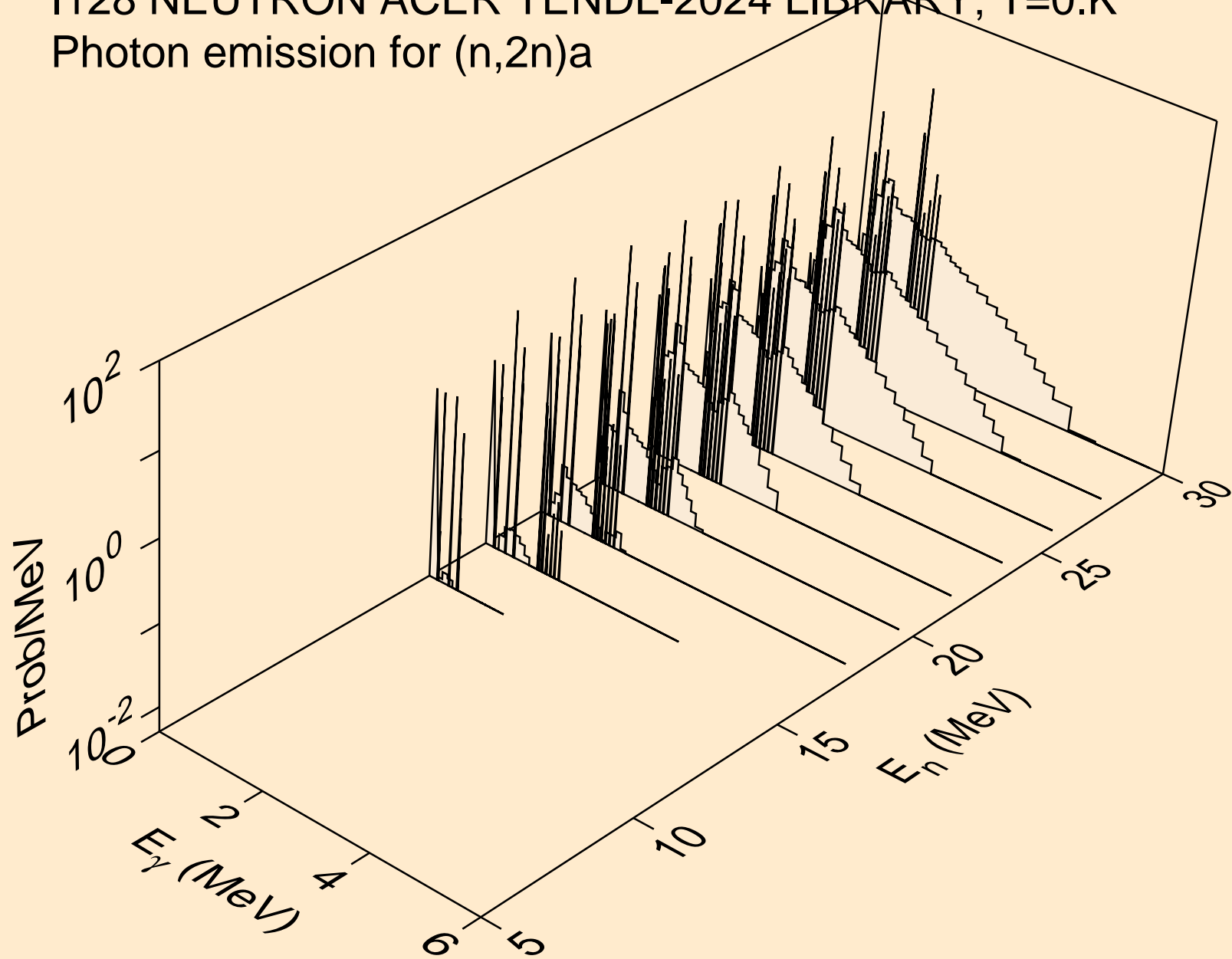
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Photon emission for (n,3n)



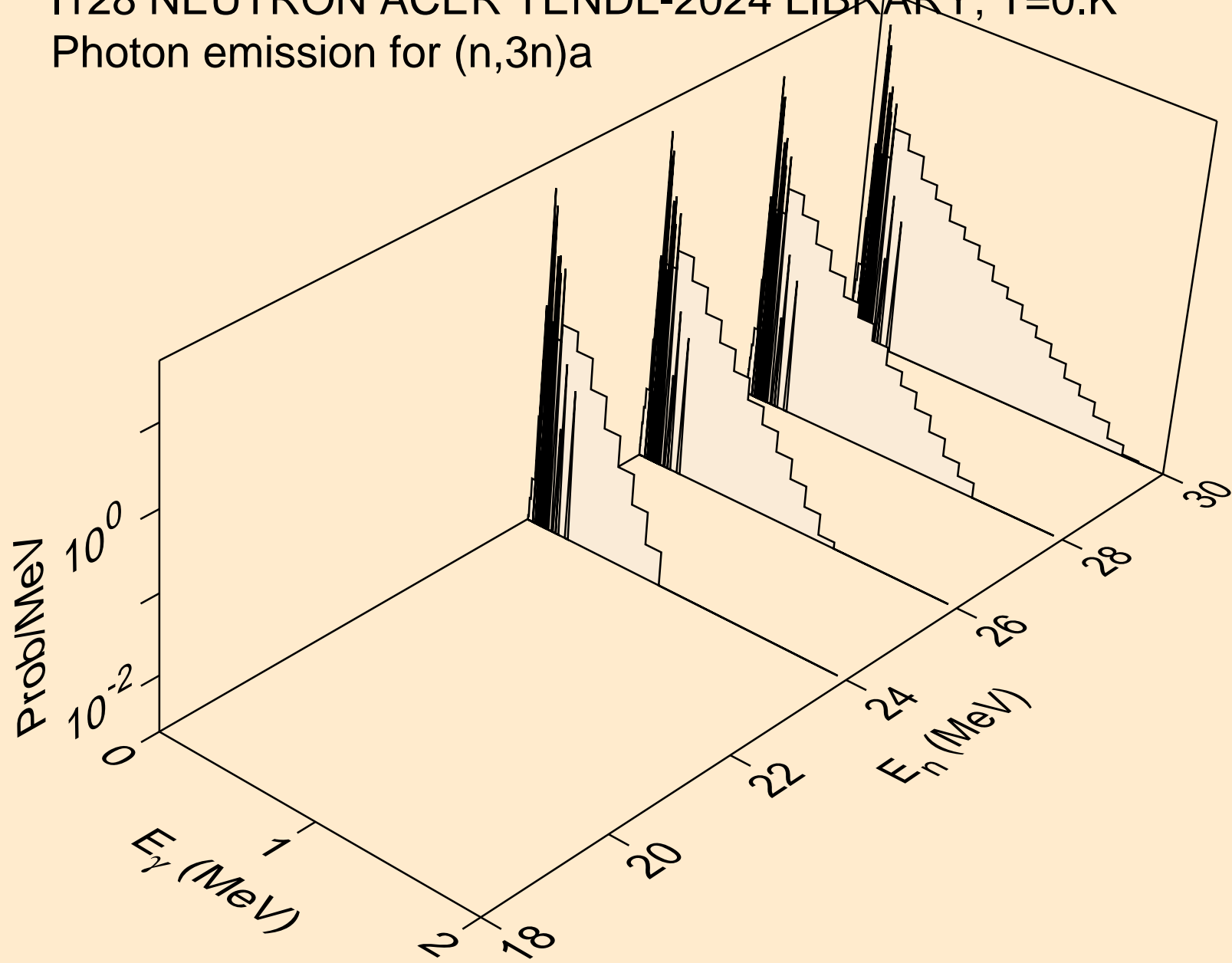
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

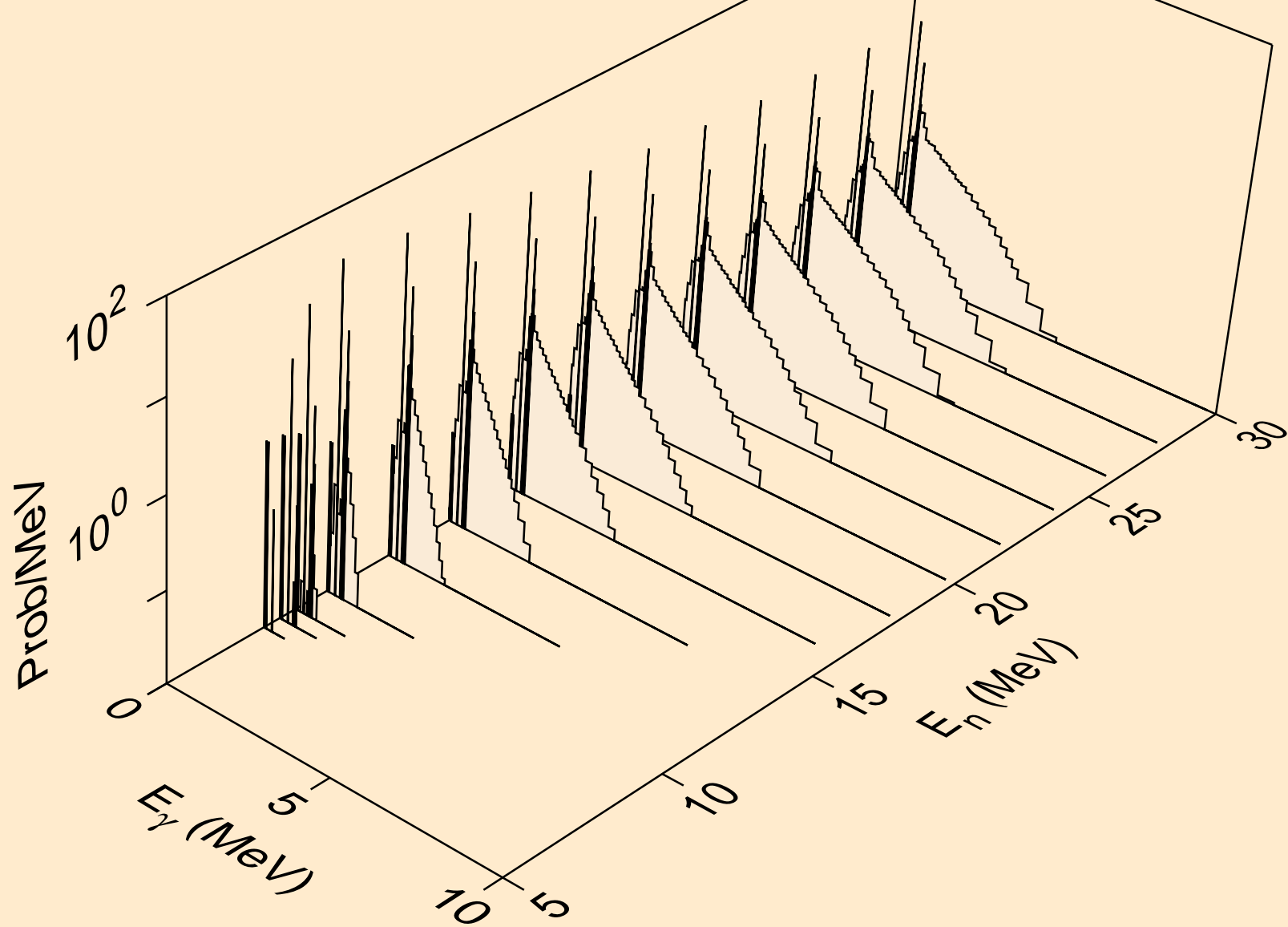


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Photon emission for (n,3n)a

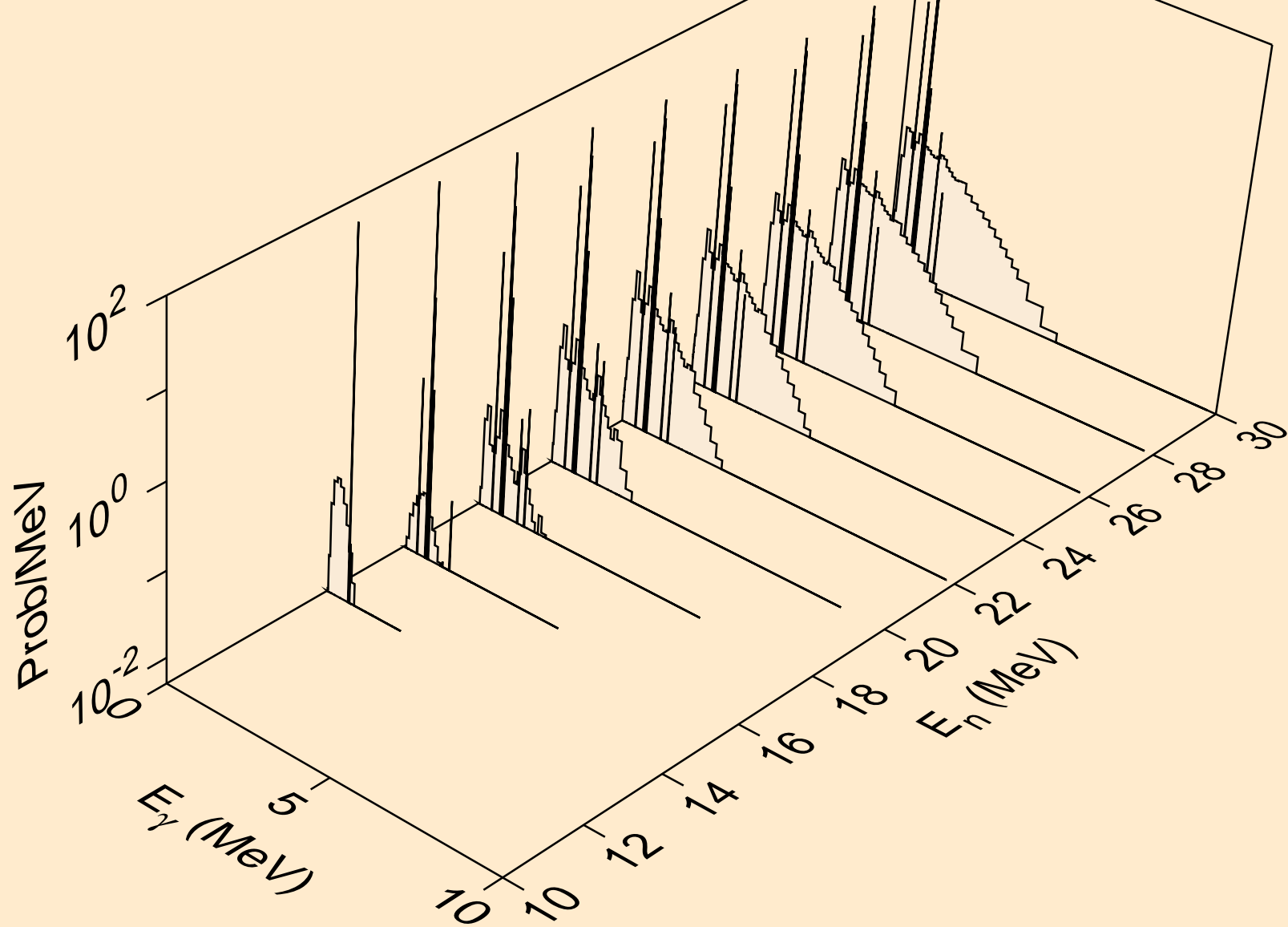




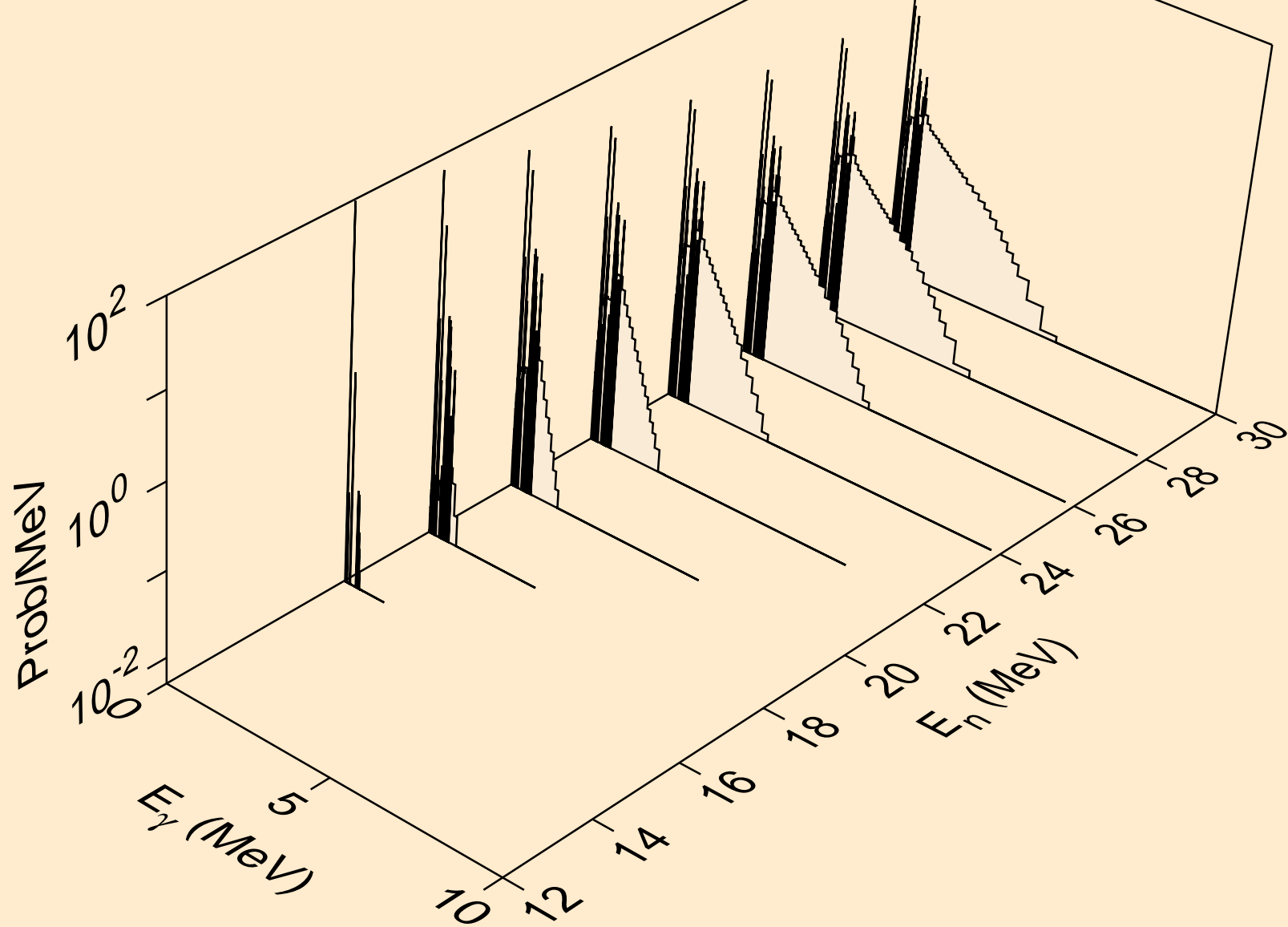
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Photon emission for (n,n\*)p



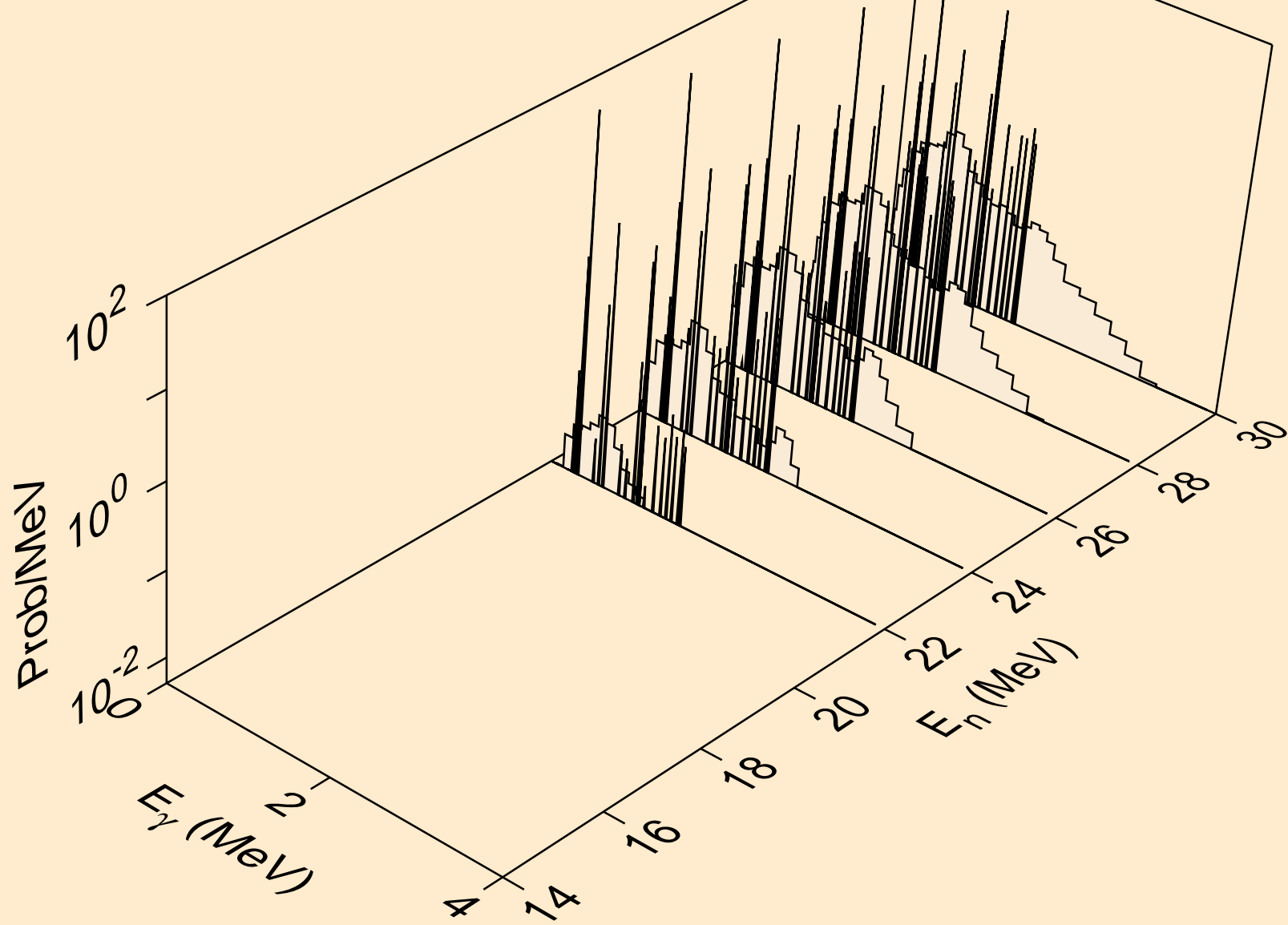
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Photon emission for (n,n\*)d



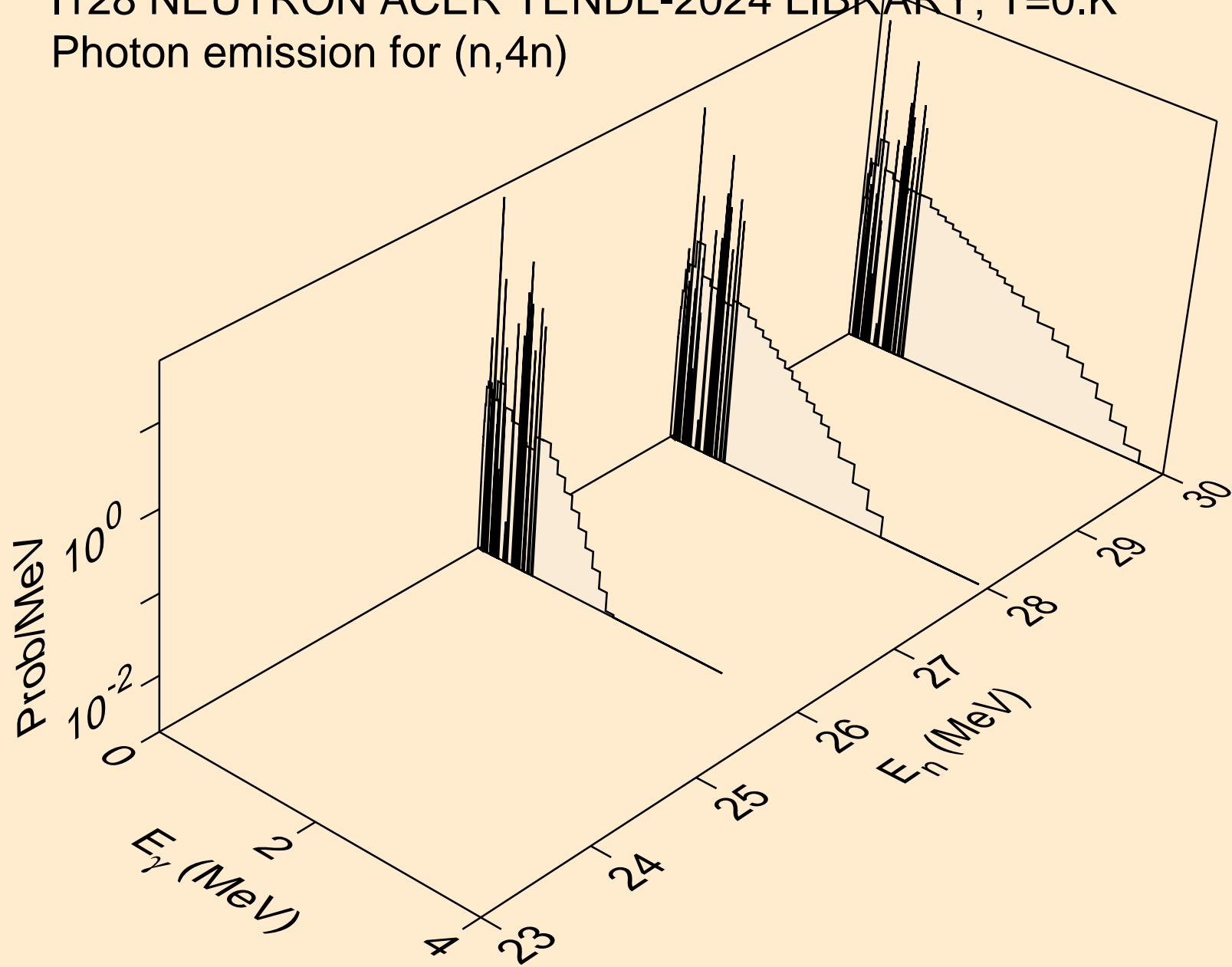
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Photon emission for (n,n\*)t



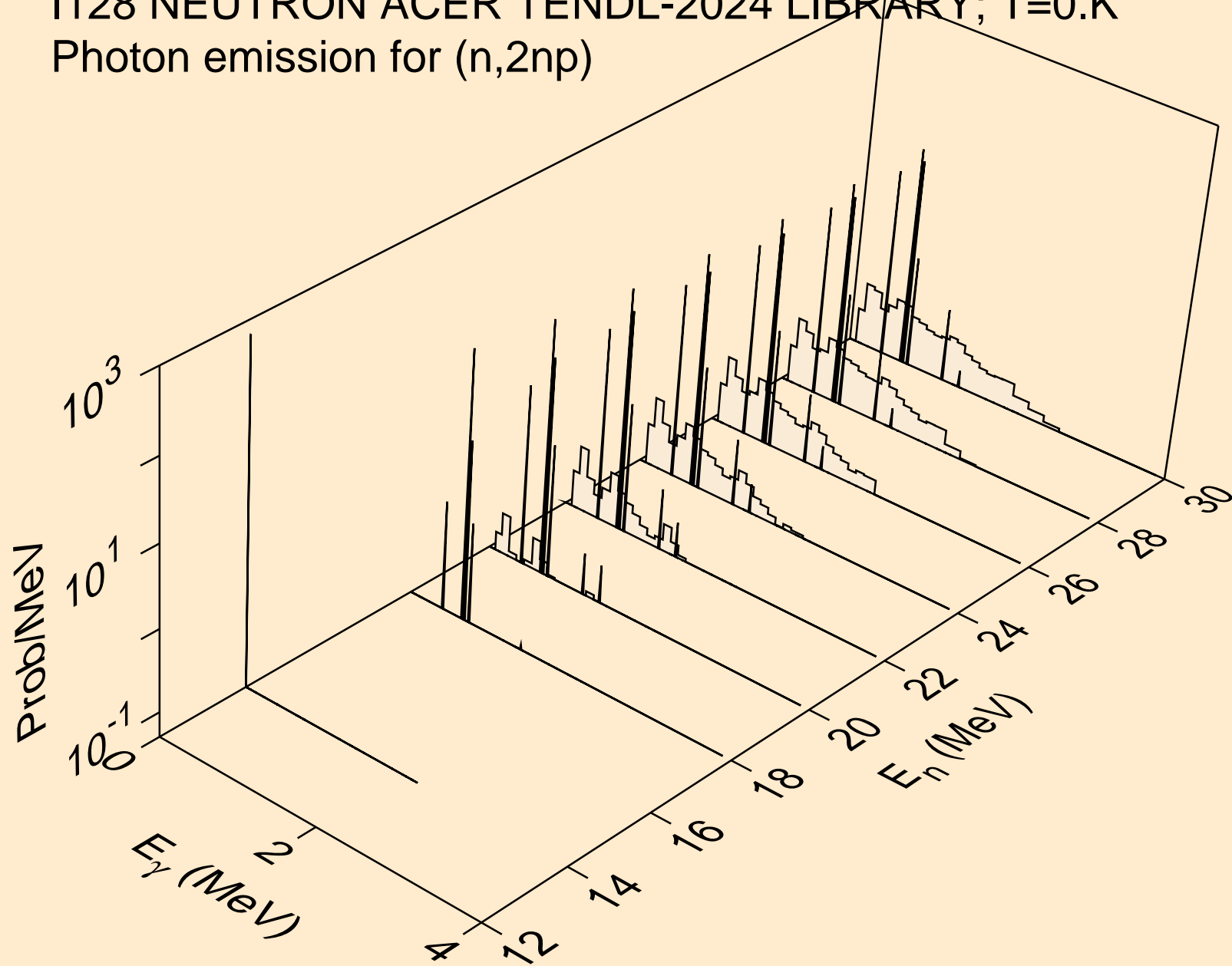
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Photon emission for (n,n\*)he3



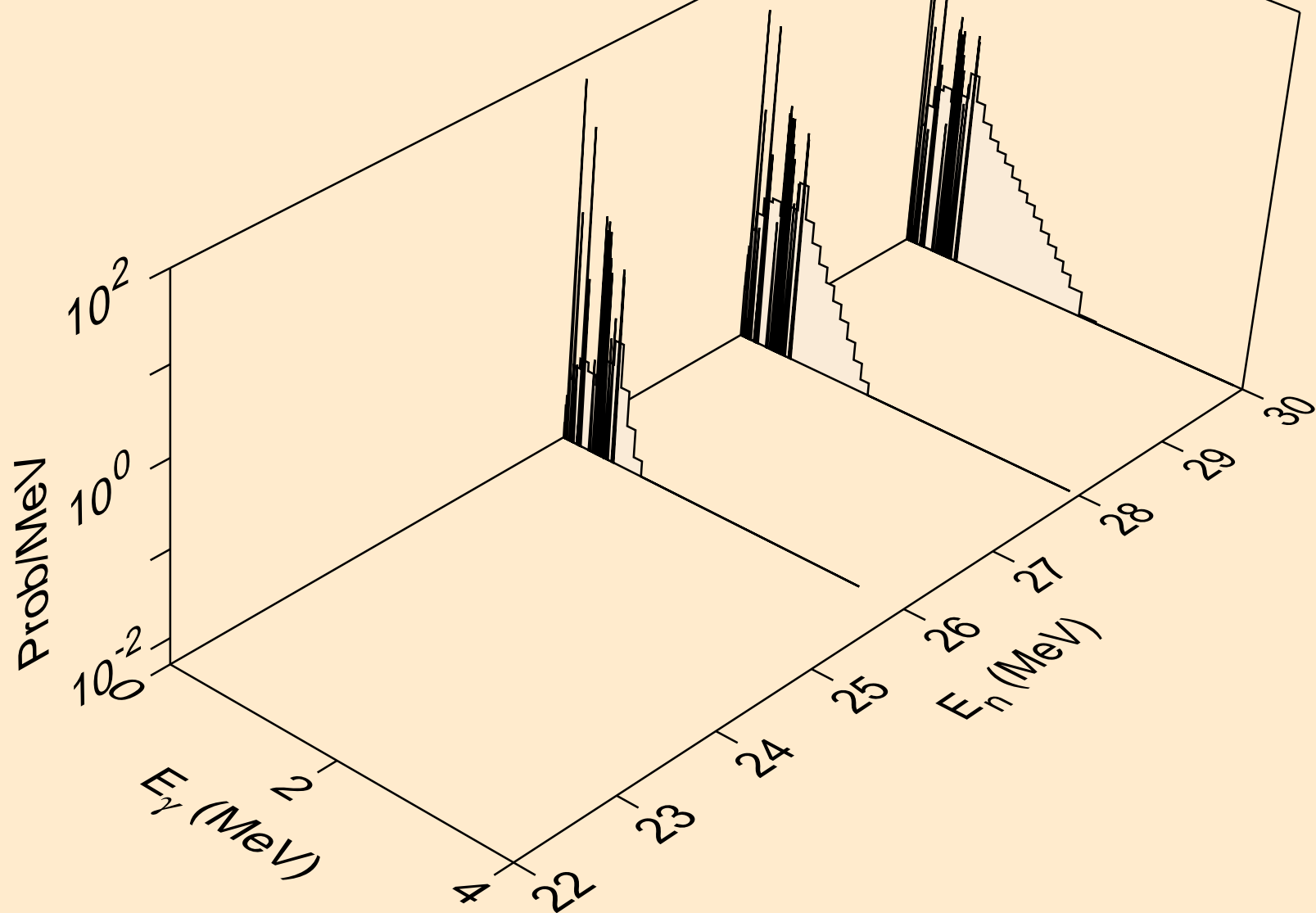
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Photon emission for (n,4n)



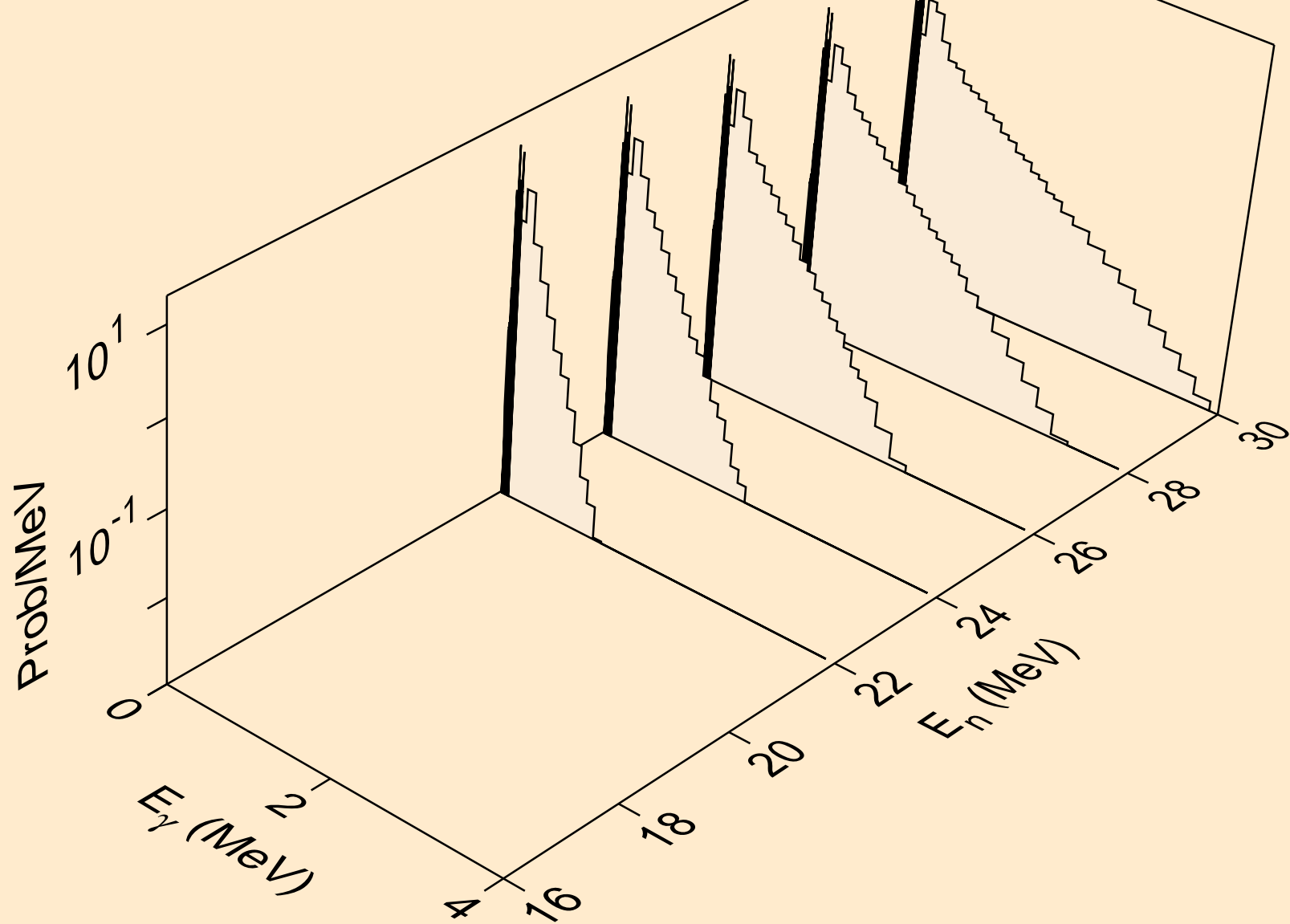
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Photon emission for (n,2np)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

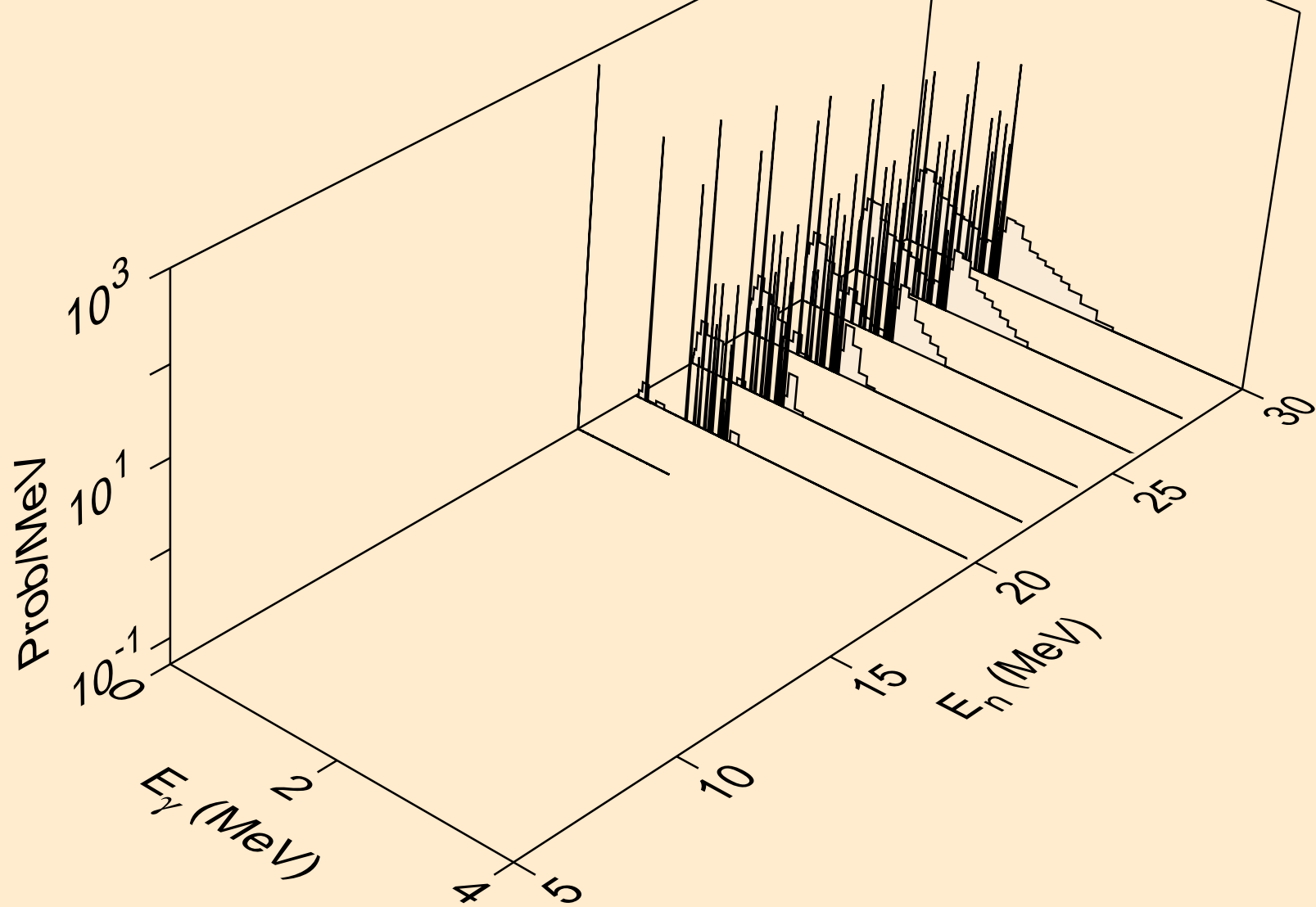


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Photon emission for (n,n2p)

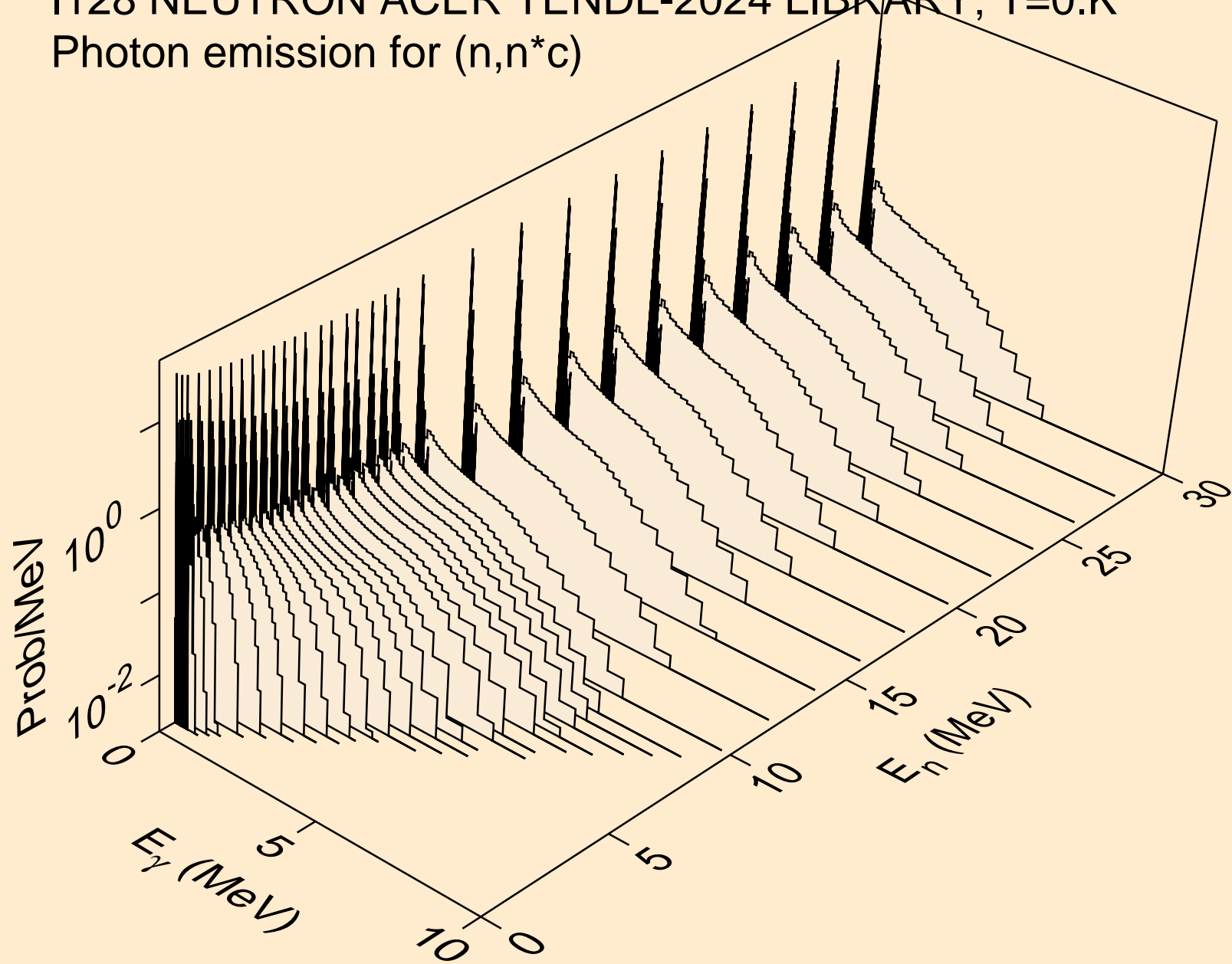




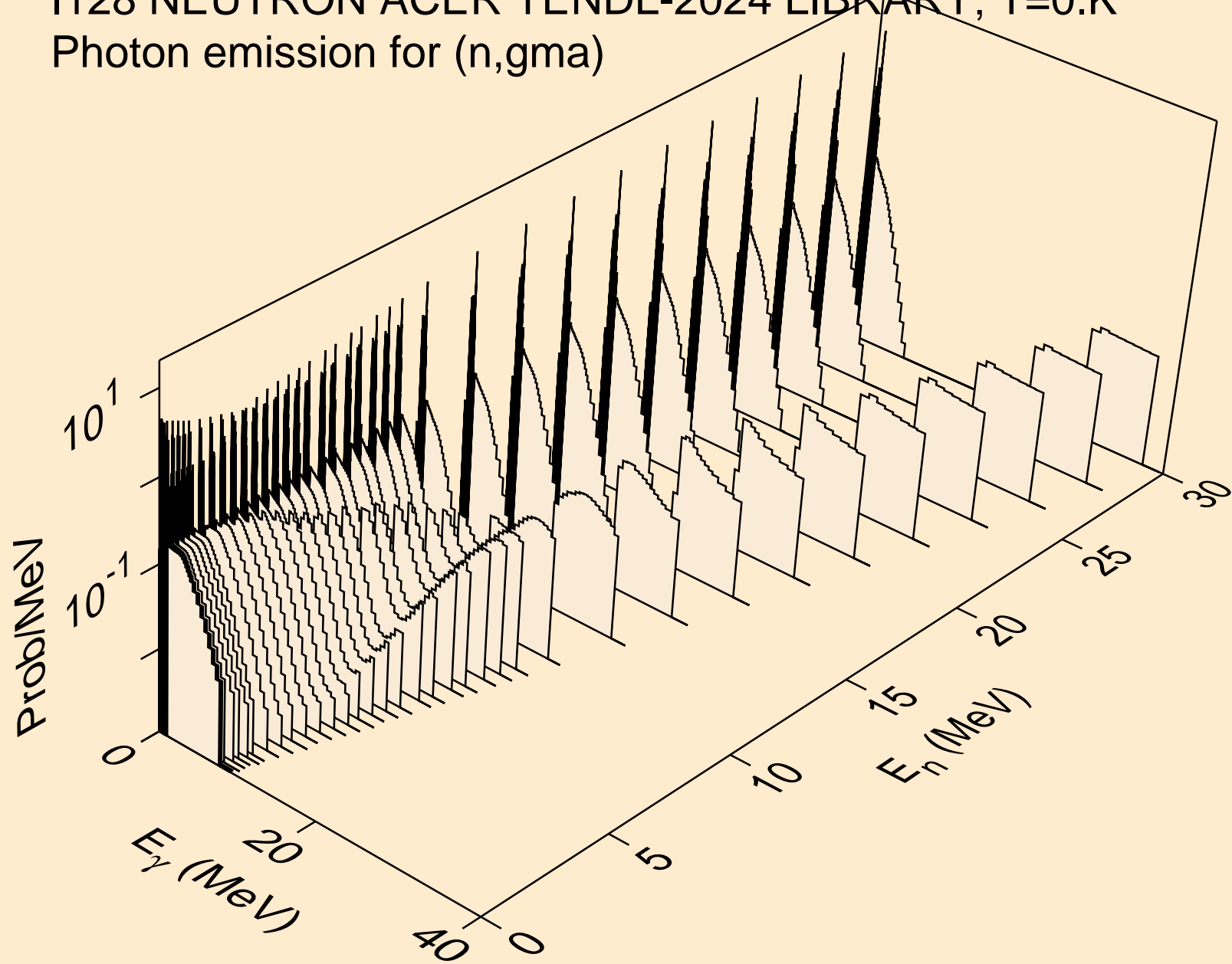
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Photon emission for (n,npa)



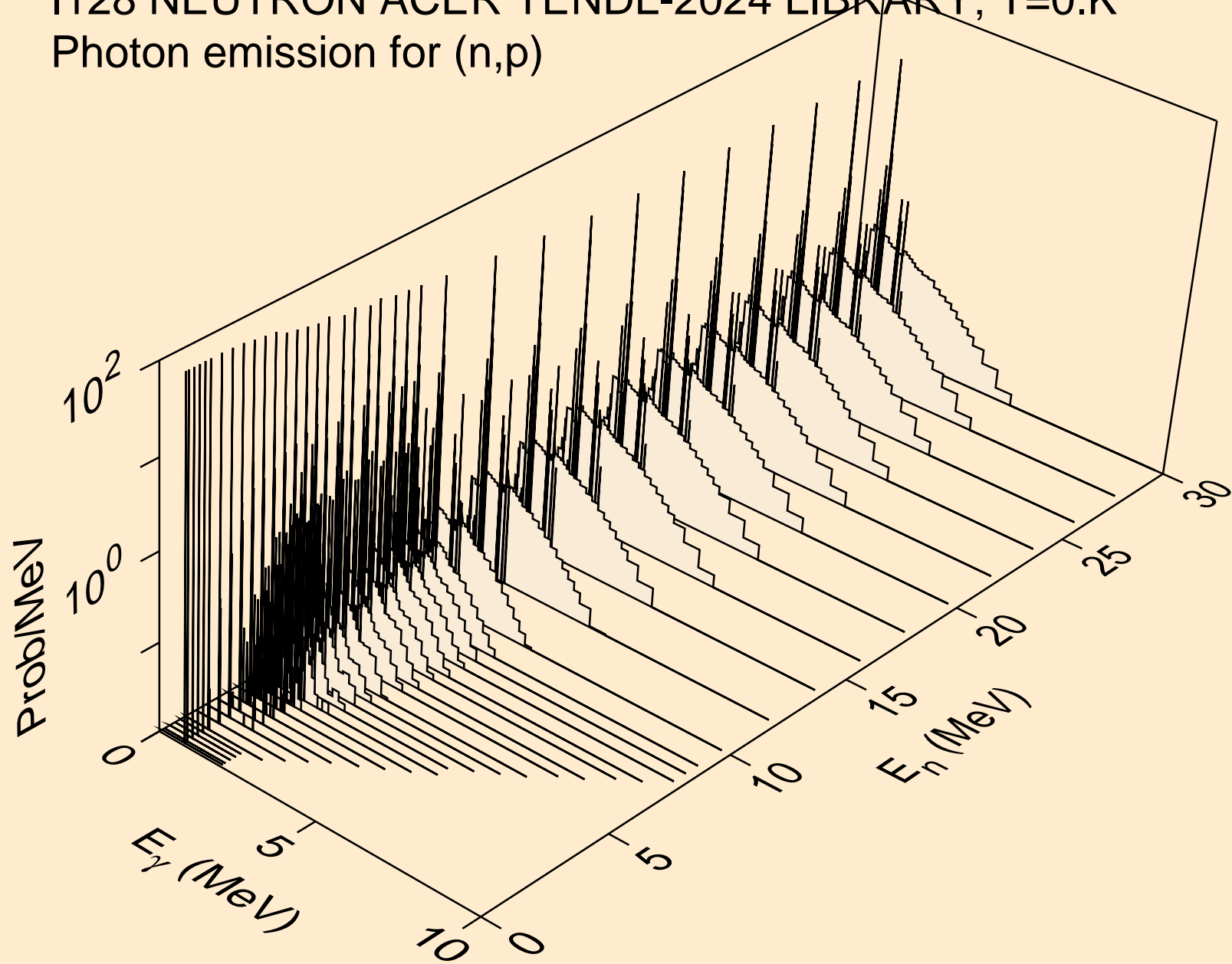
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Photon emission for (n,n\*c)



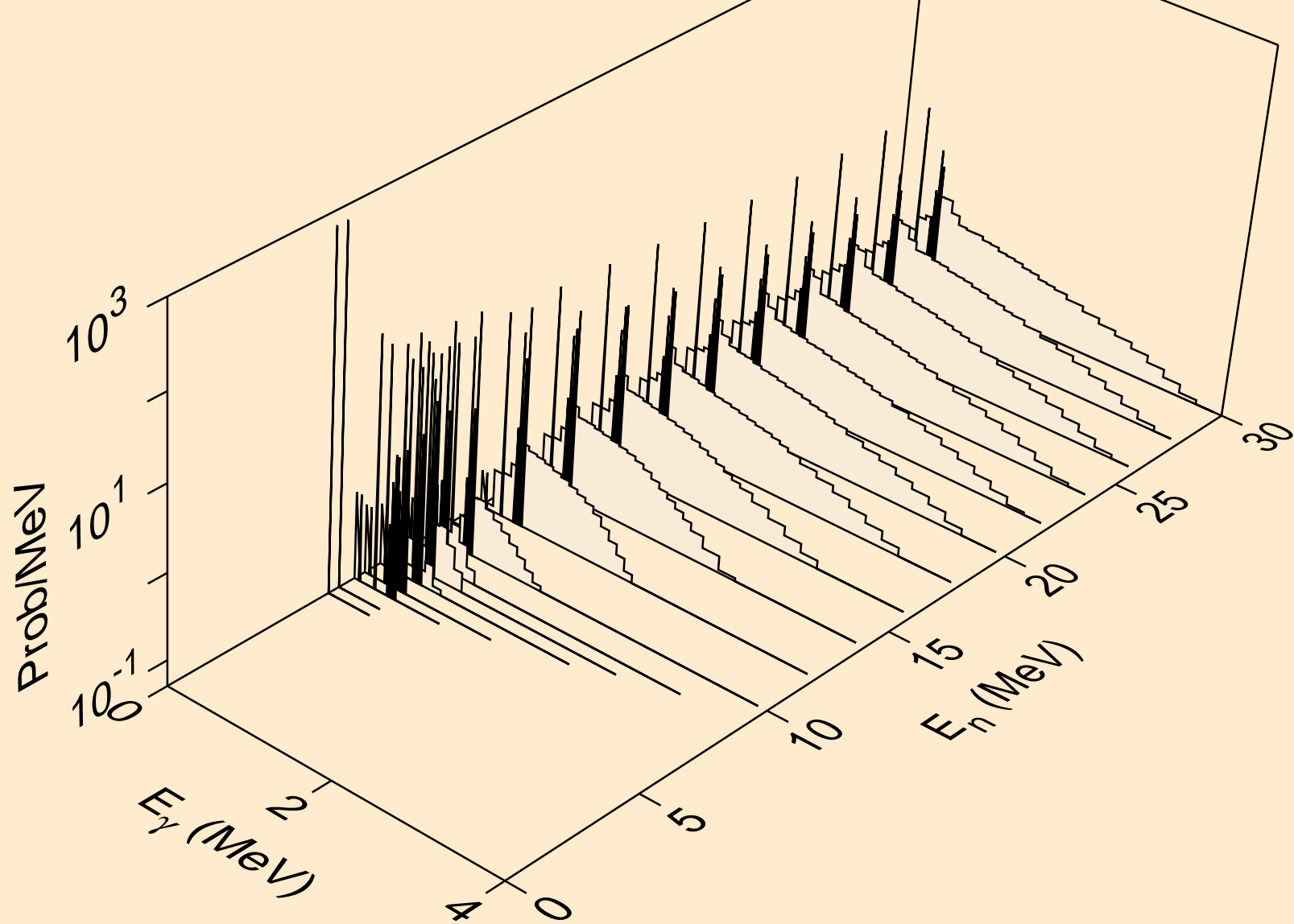
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Photon emission for (n,gma)



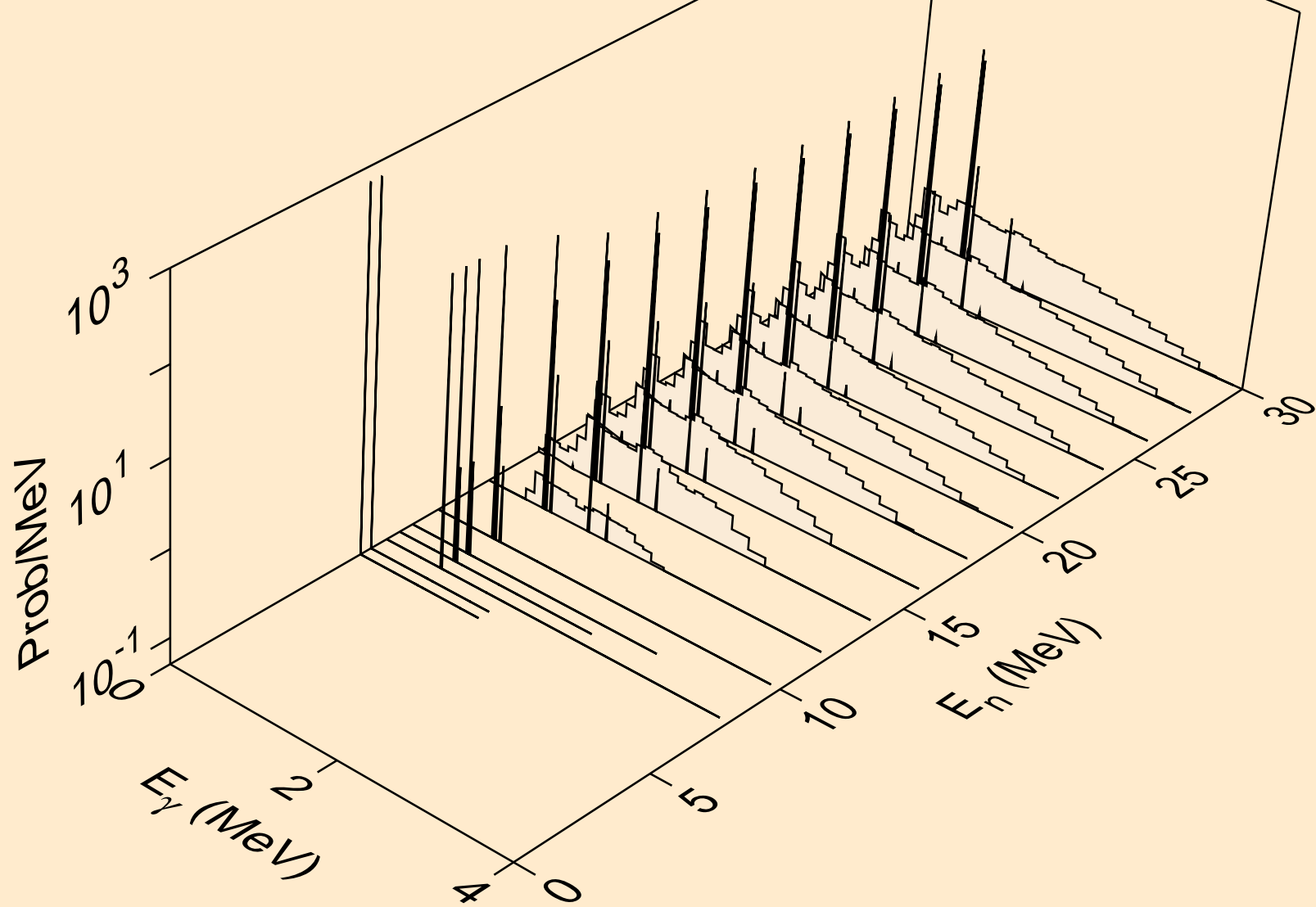
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Photon emission for (n,p)



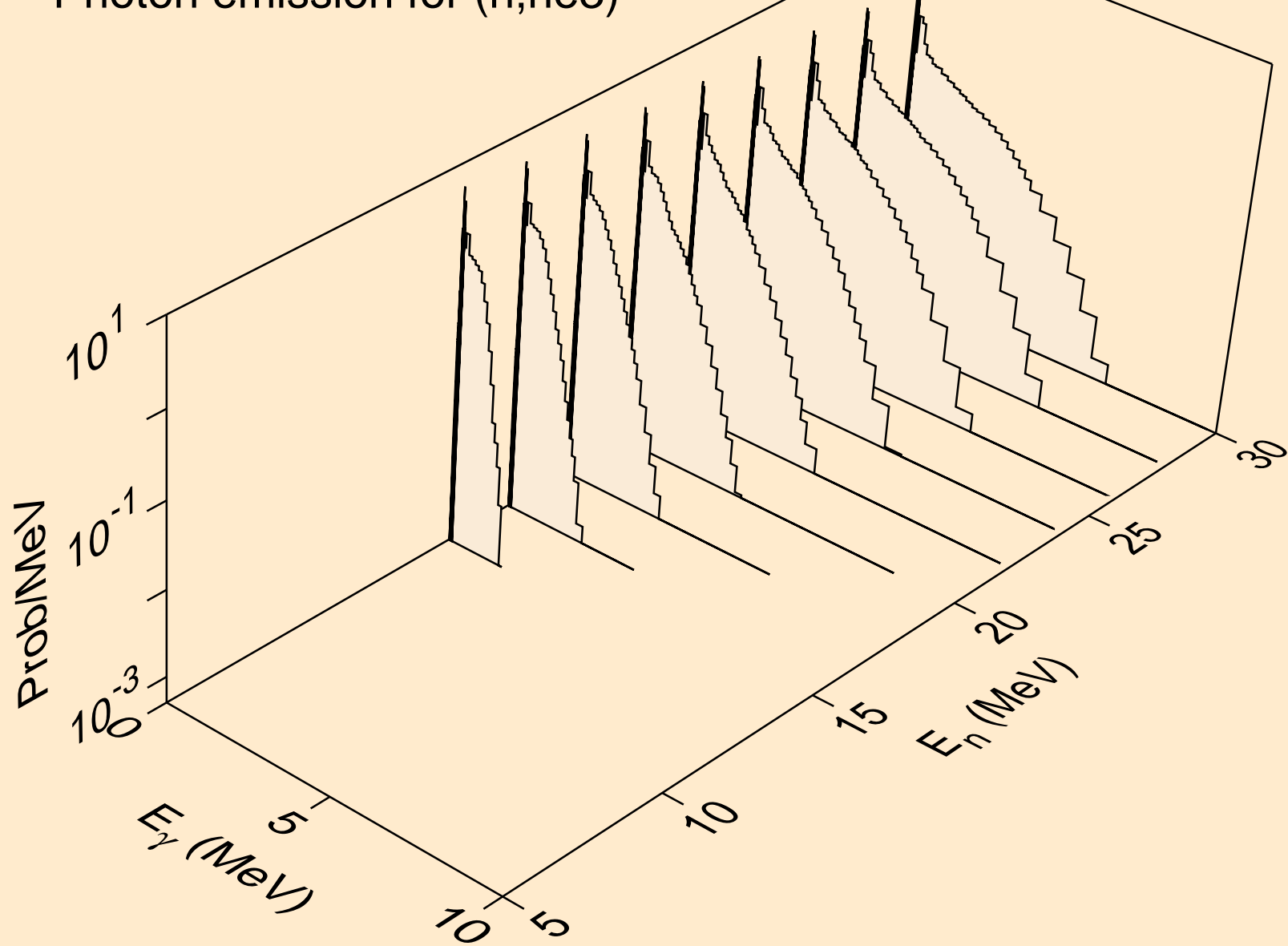
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Photon emission for (n,d)



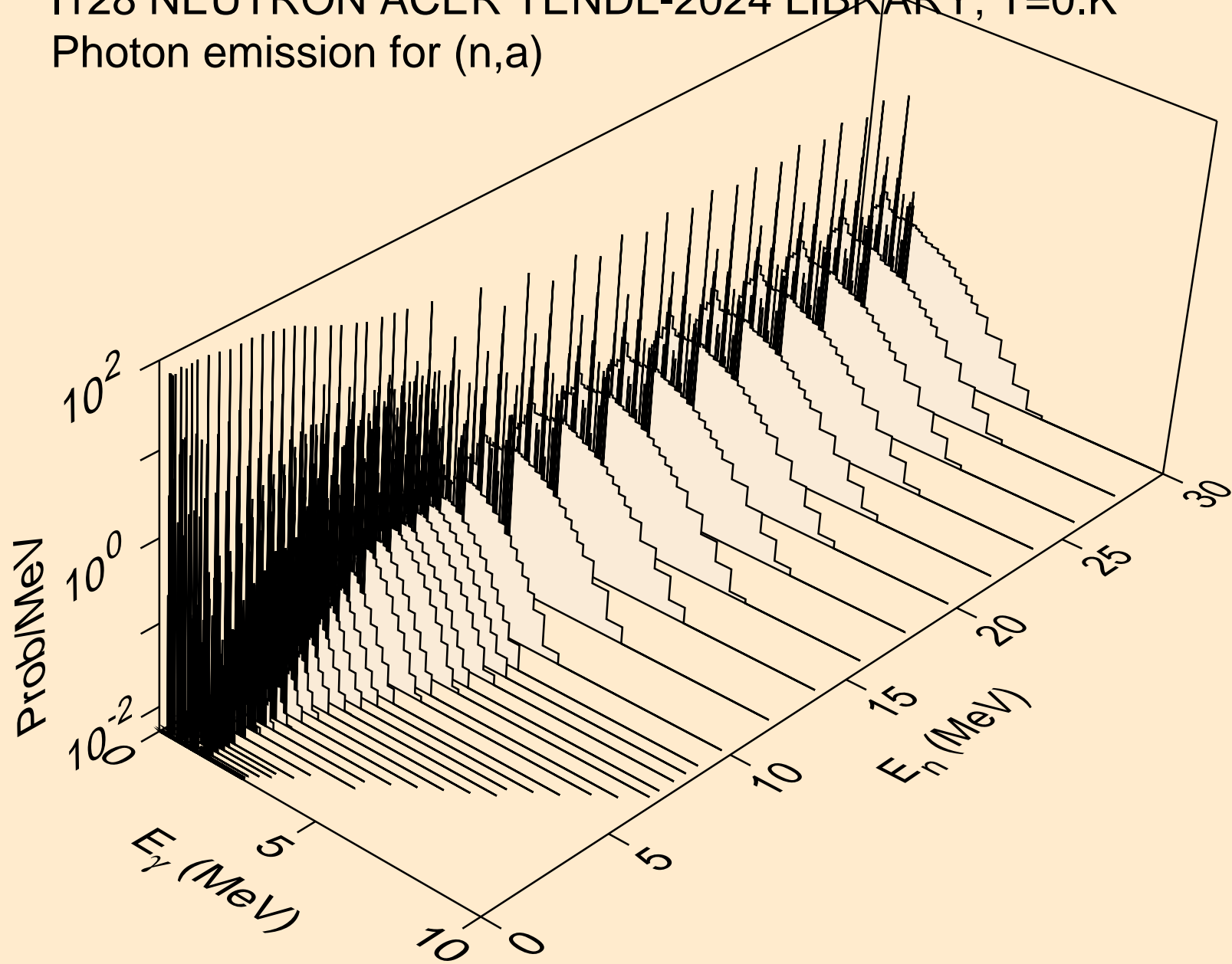
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Photon emission for (n,t)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

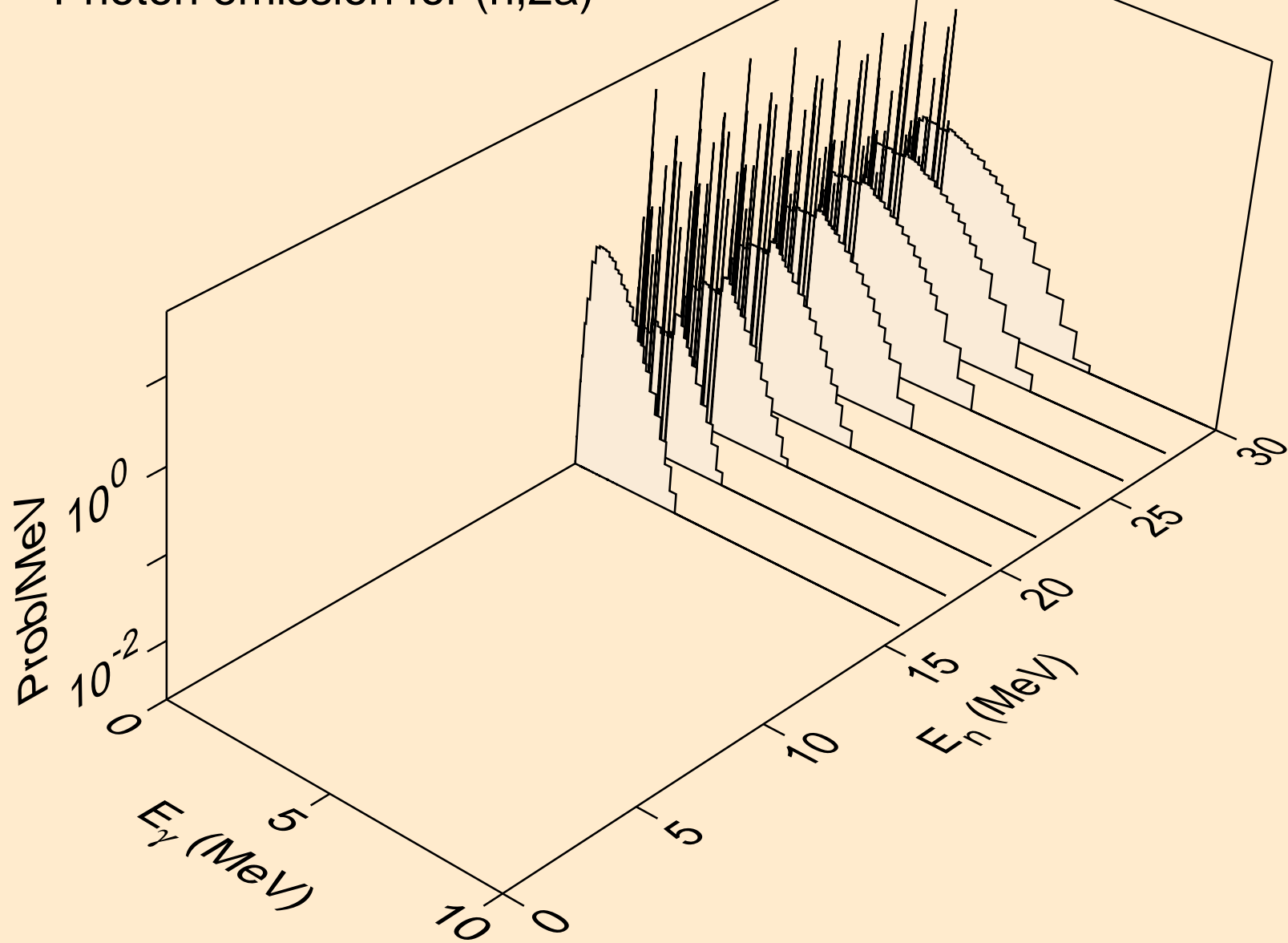


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Photon emission for (n,a)

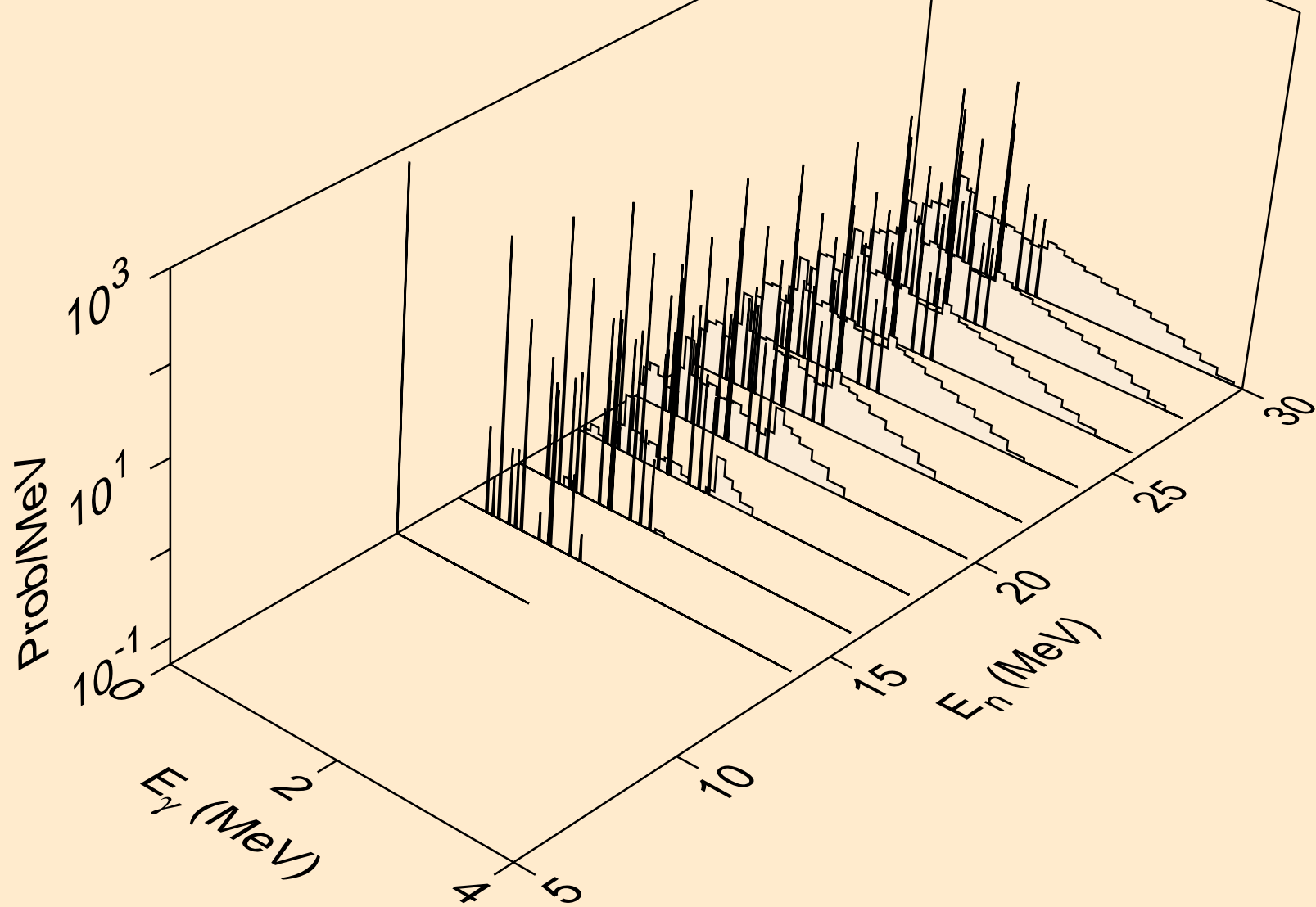




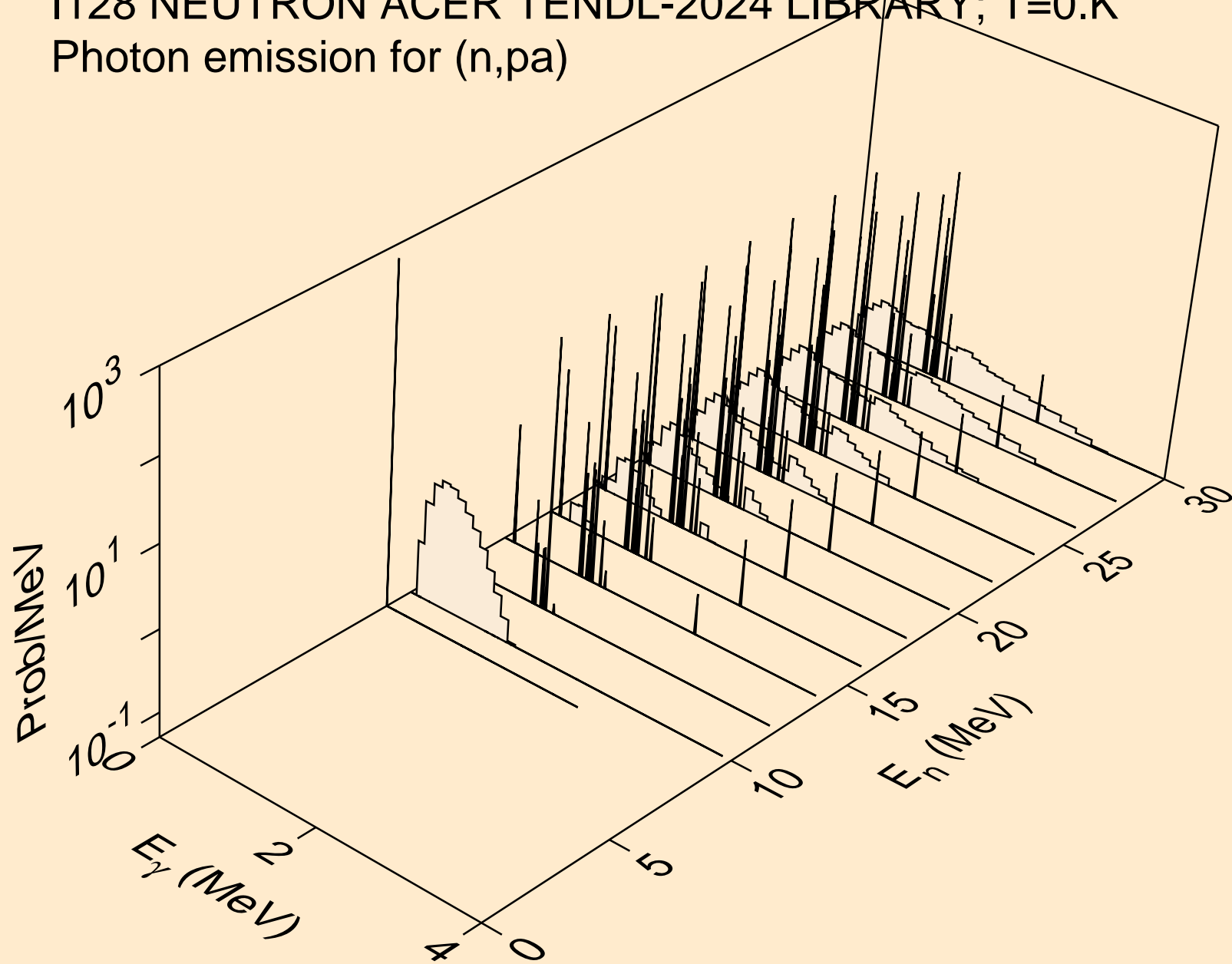
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Photon emission for (n,2a)



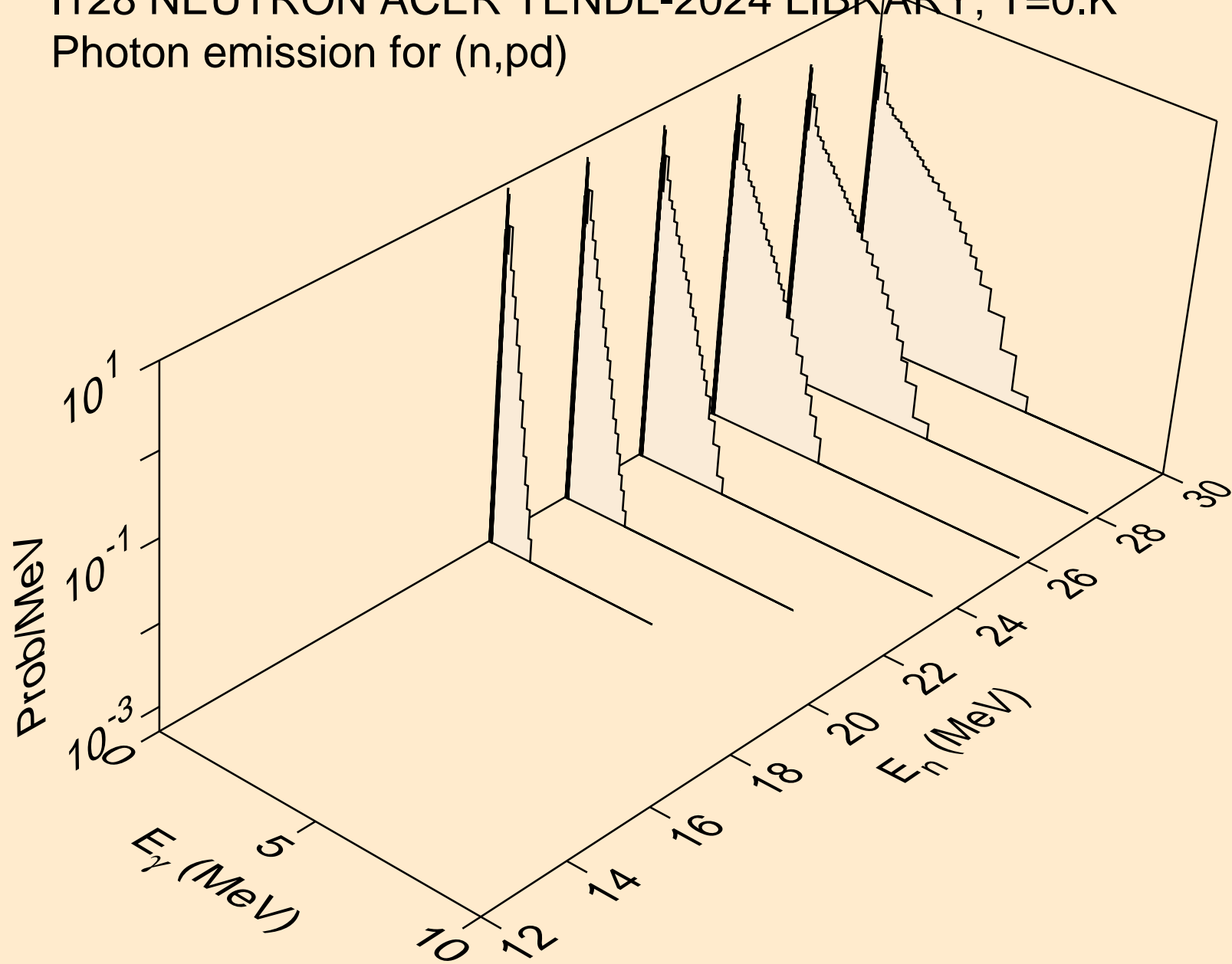
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Photon emission for (n,2p)



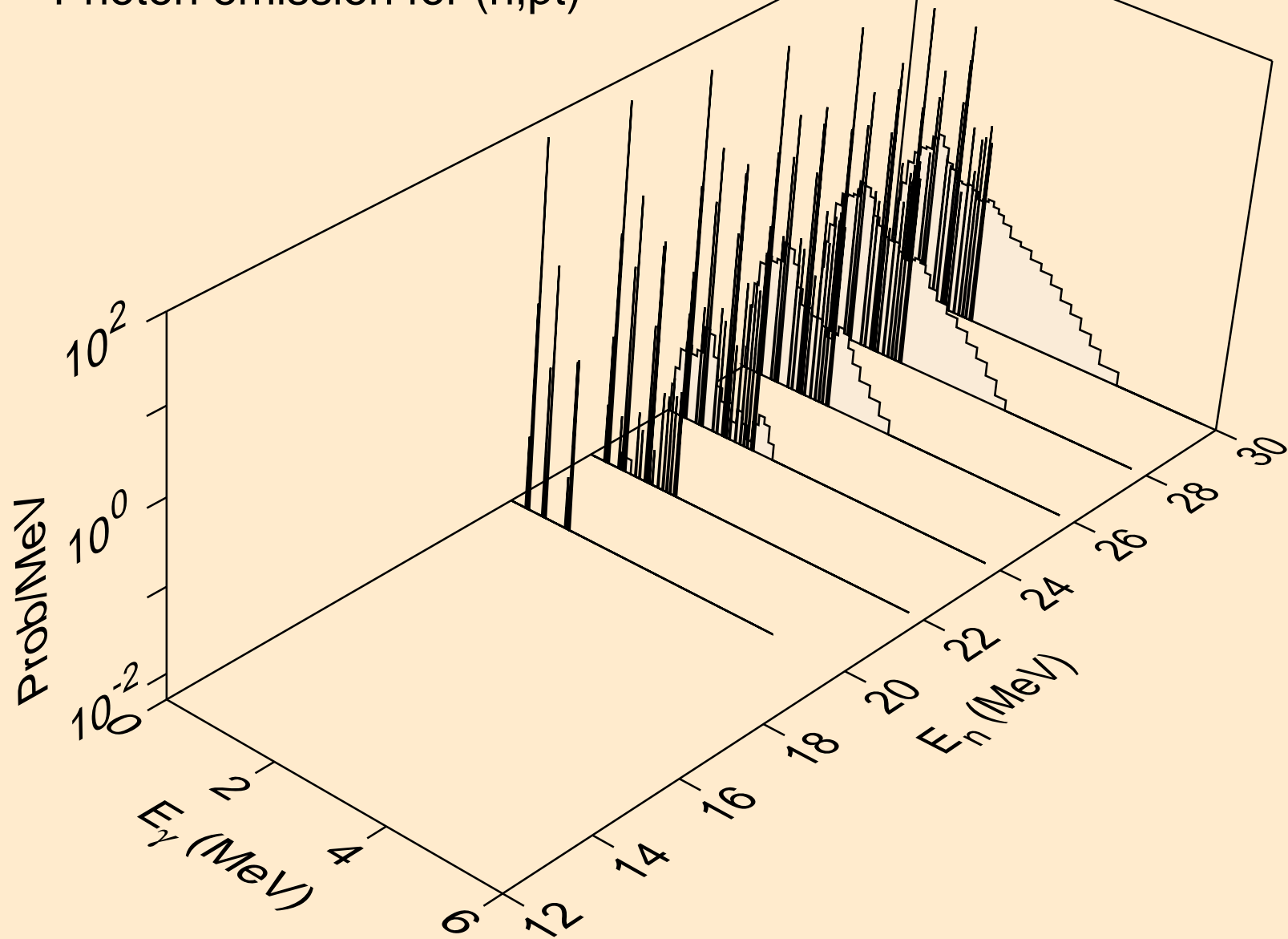
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Photon emission for (n,p $\alpha$ )



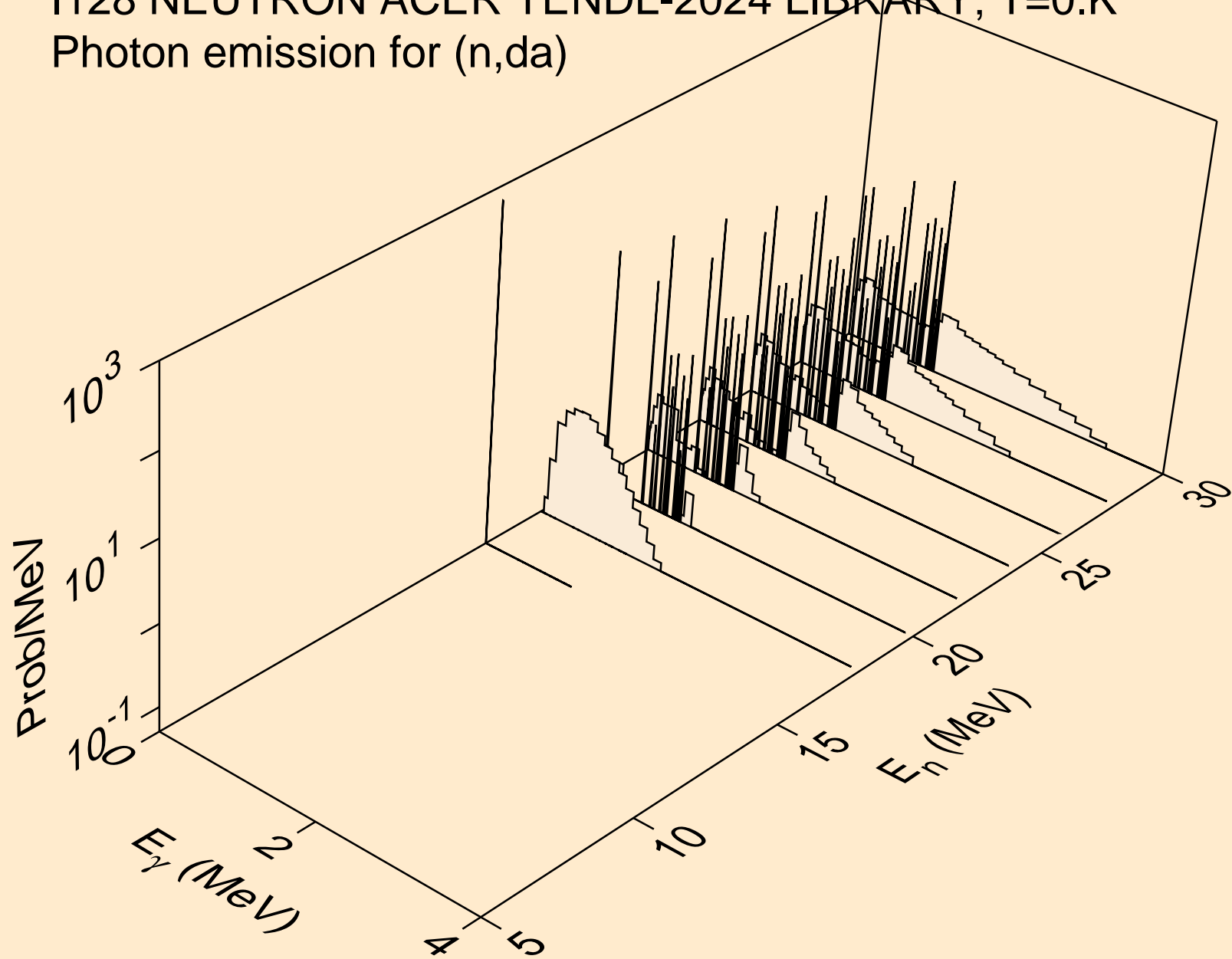
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Photon emission for (n,pd)



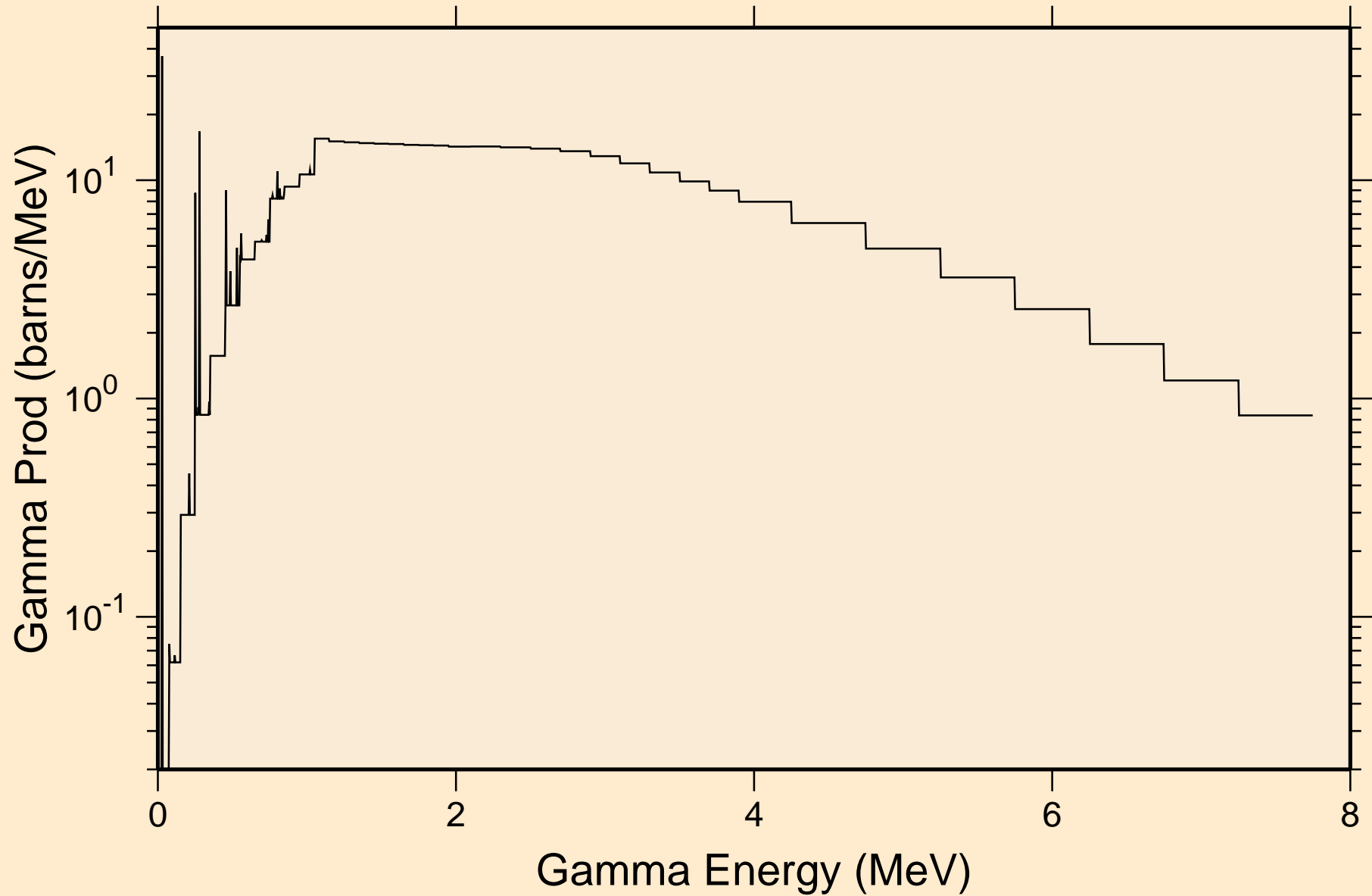
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Photon emission for (n,pt)



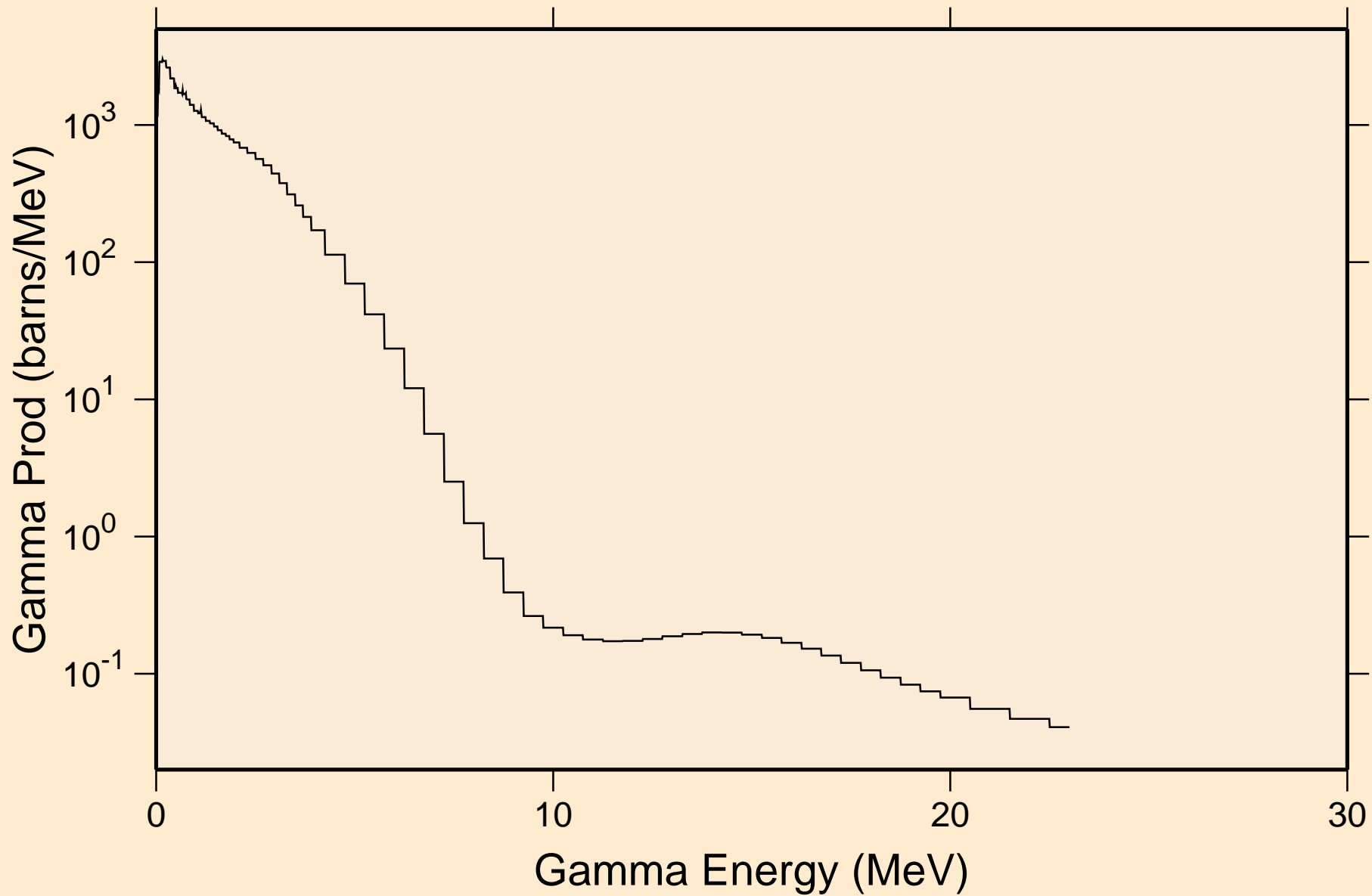
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Photon emission for (n,da)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



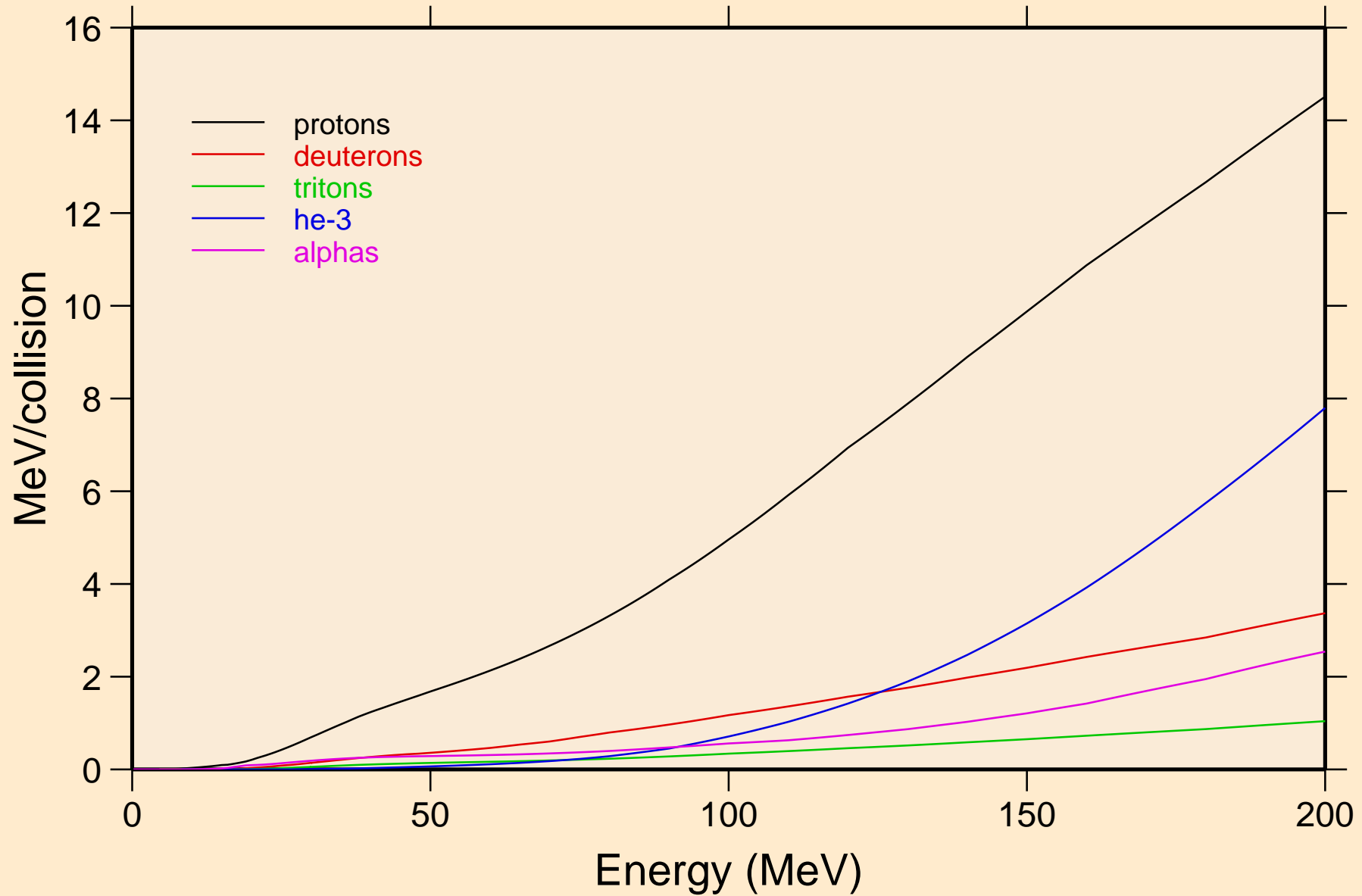
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14 MeV photon spectrum



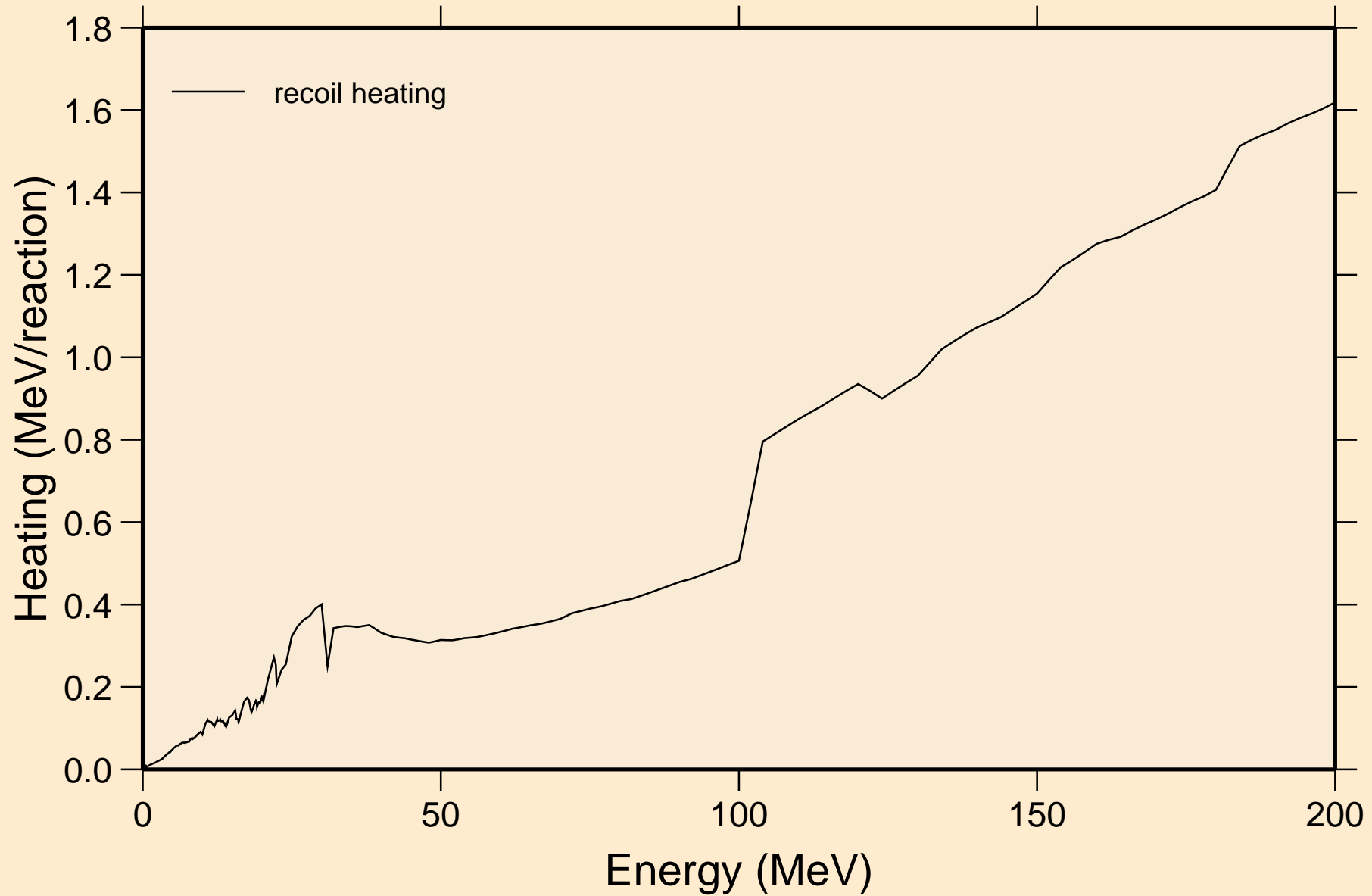


# I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

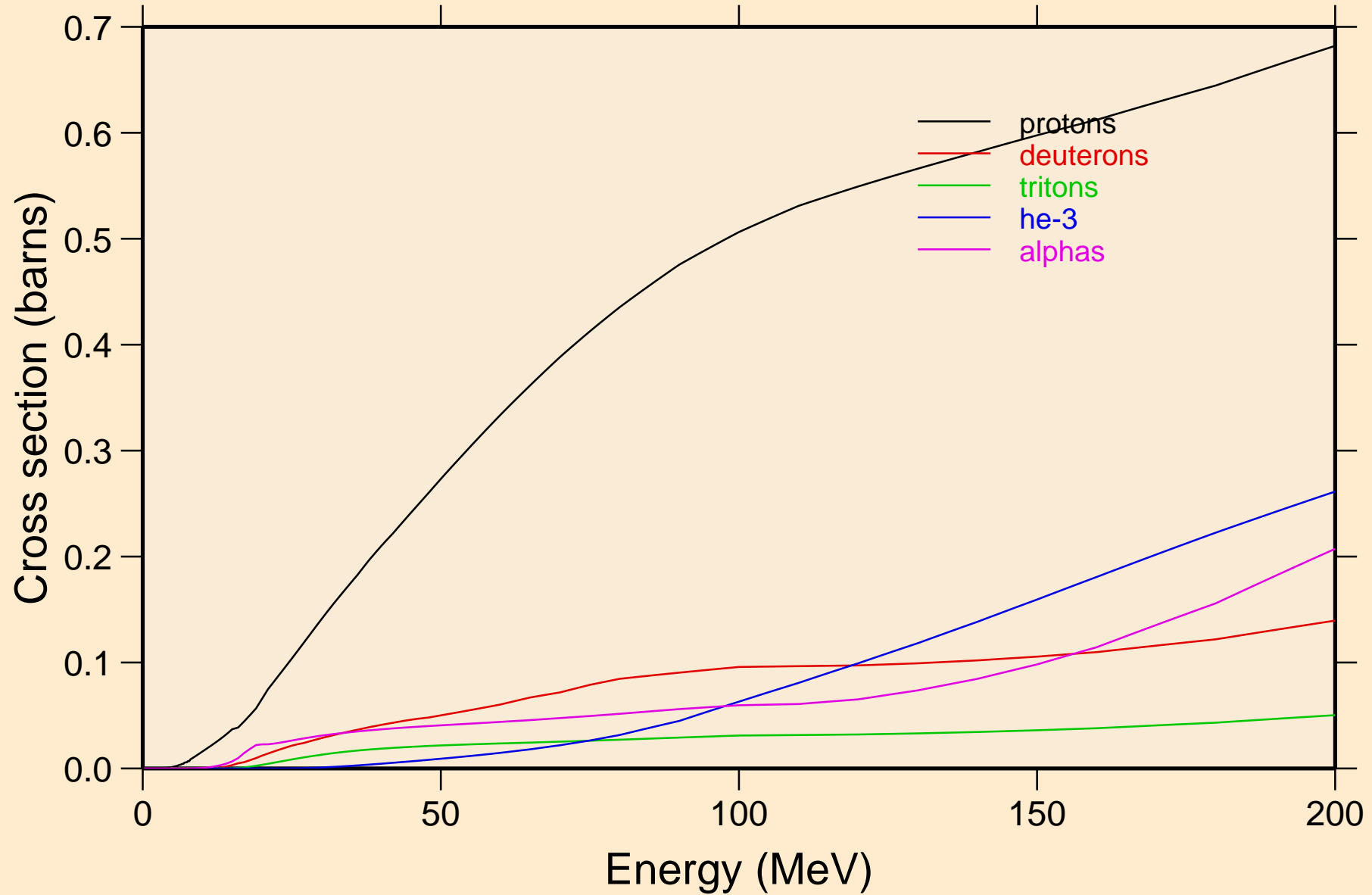


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

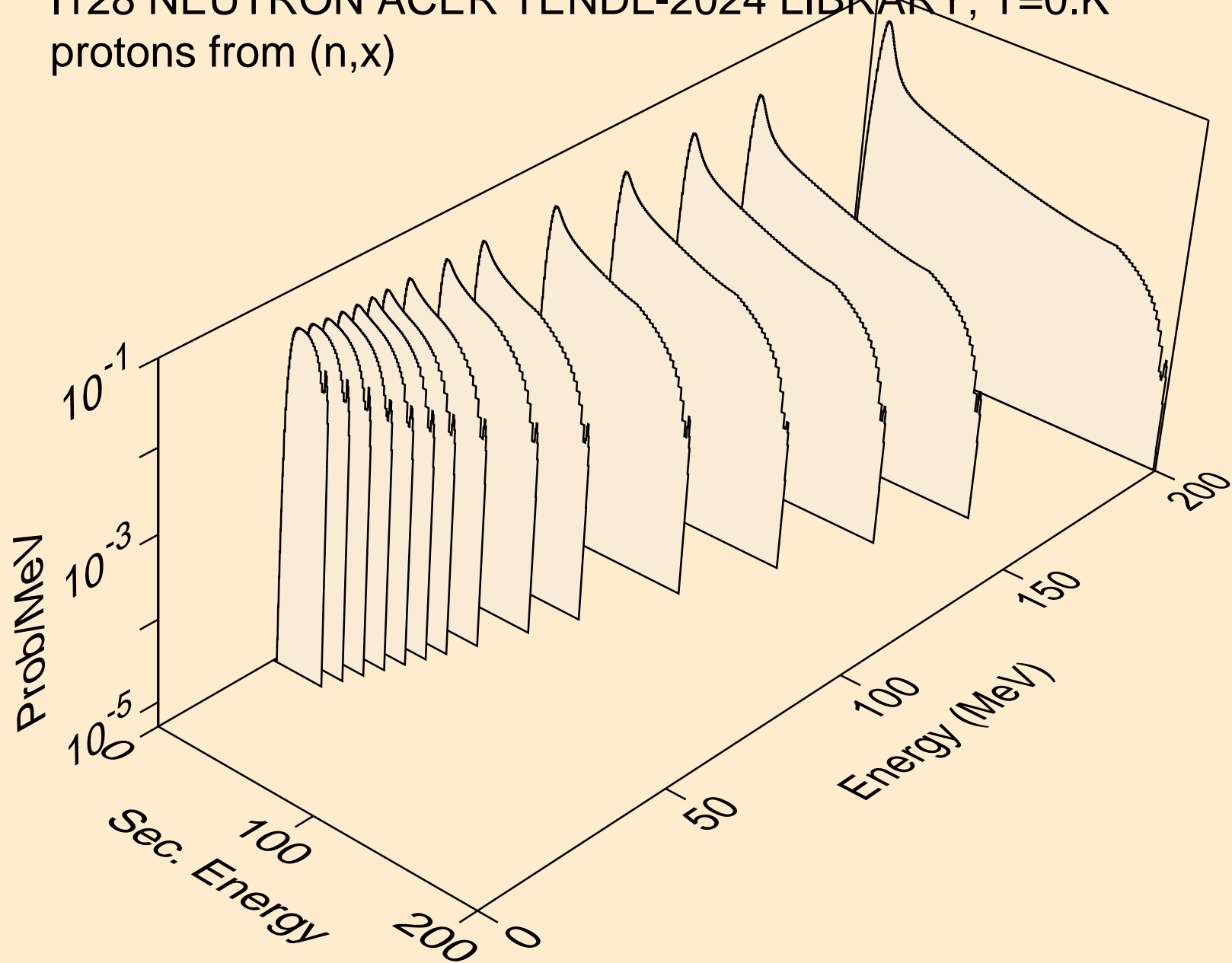


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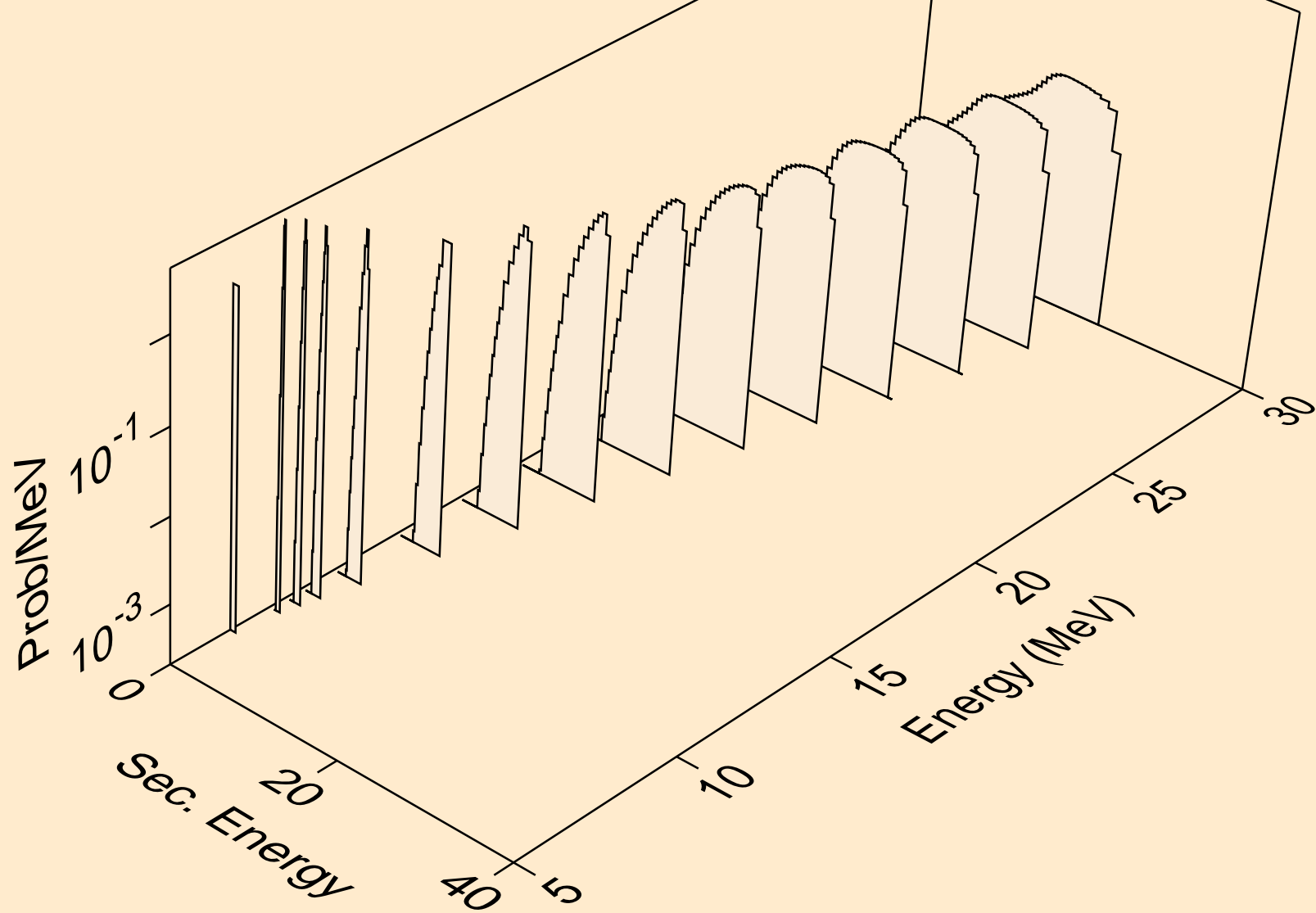
## Particle production cross sections



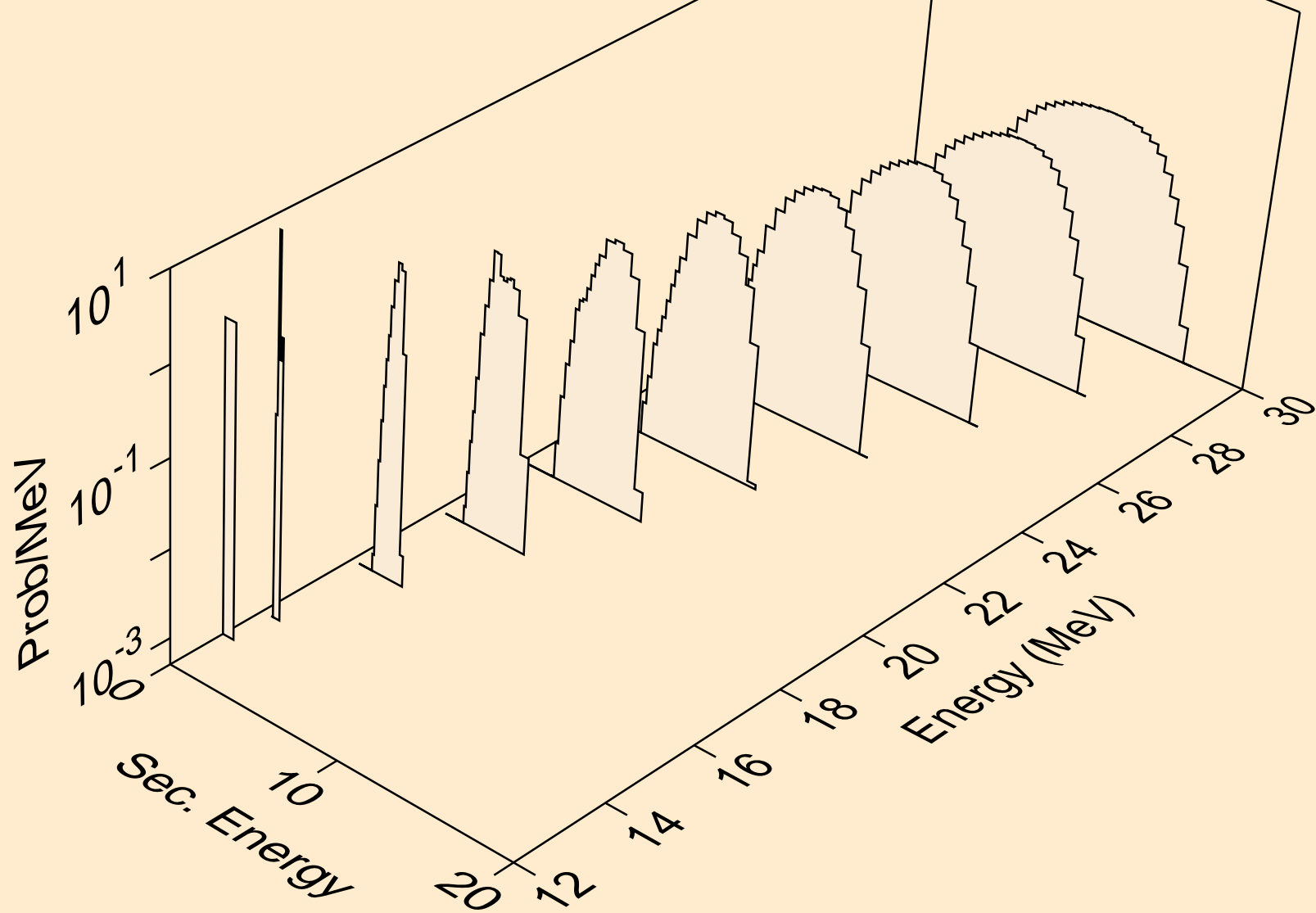
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protons from (n,x)



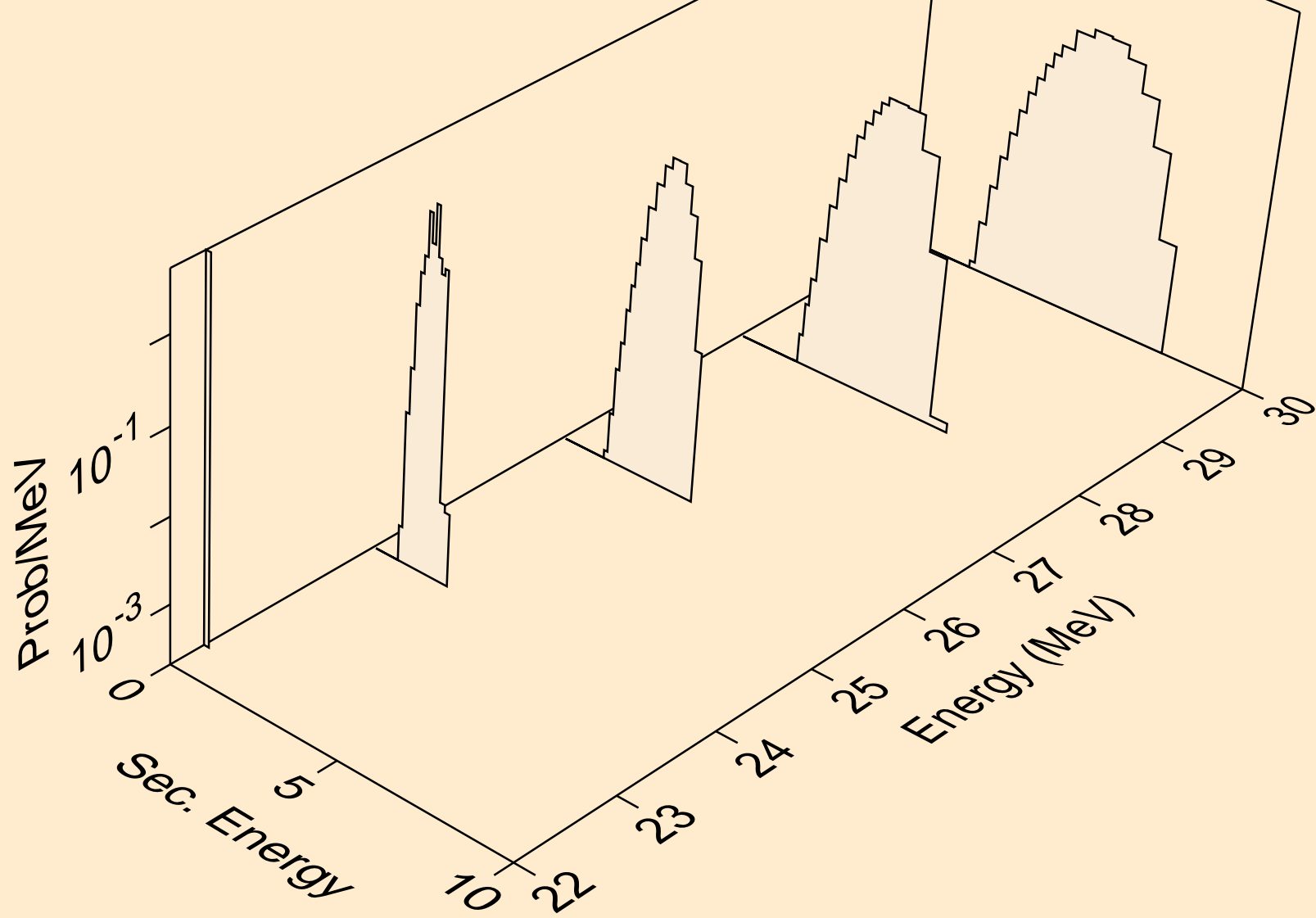
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protons from (n,n\*)p



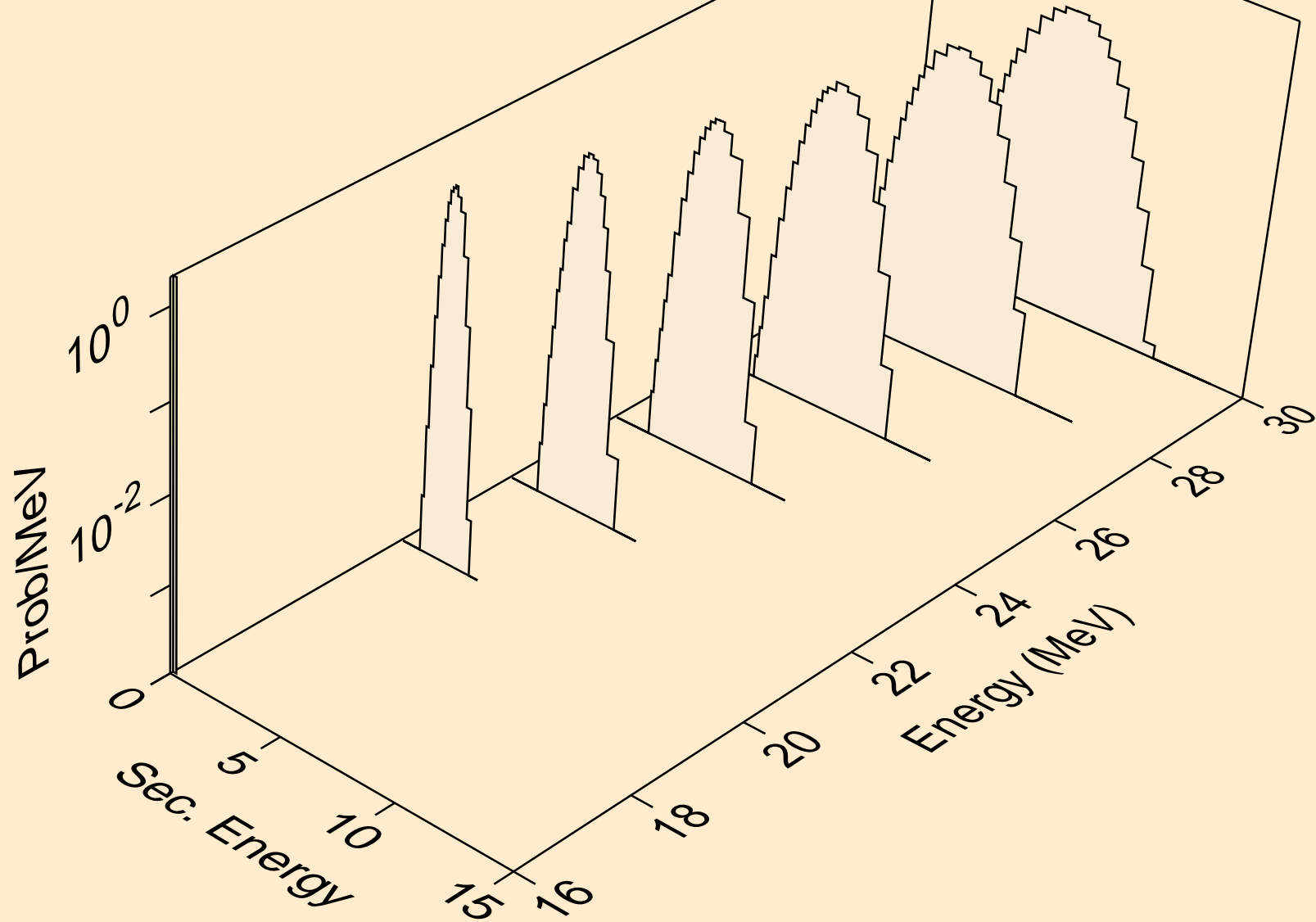
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protons from (n,2np)



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protons from (n,3np)

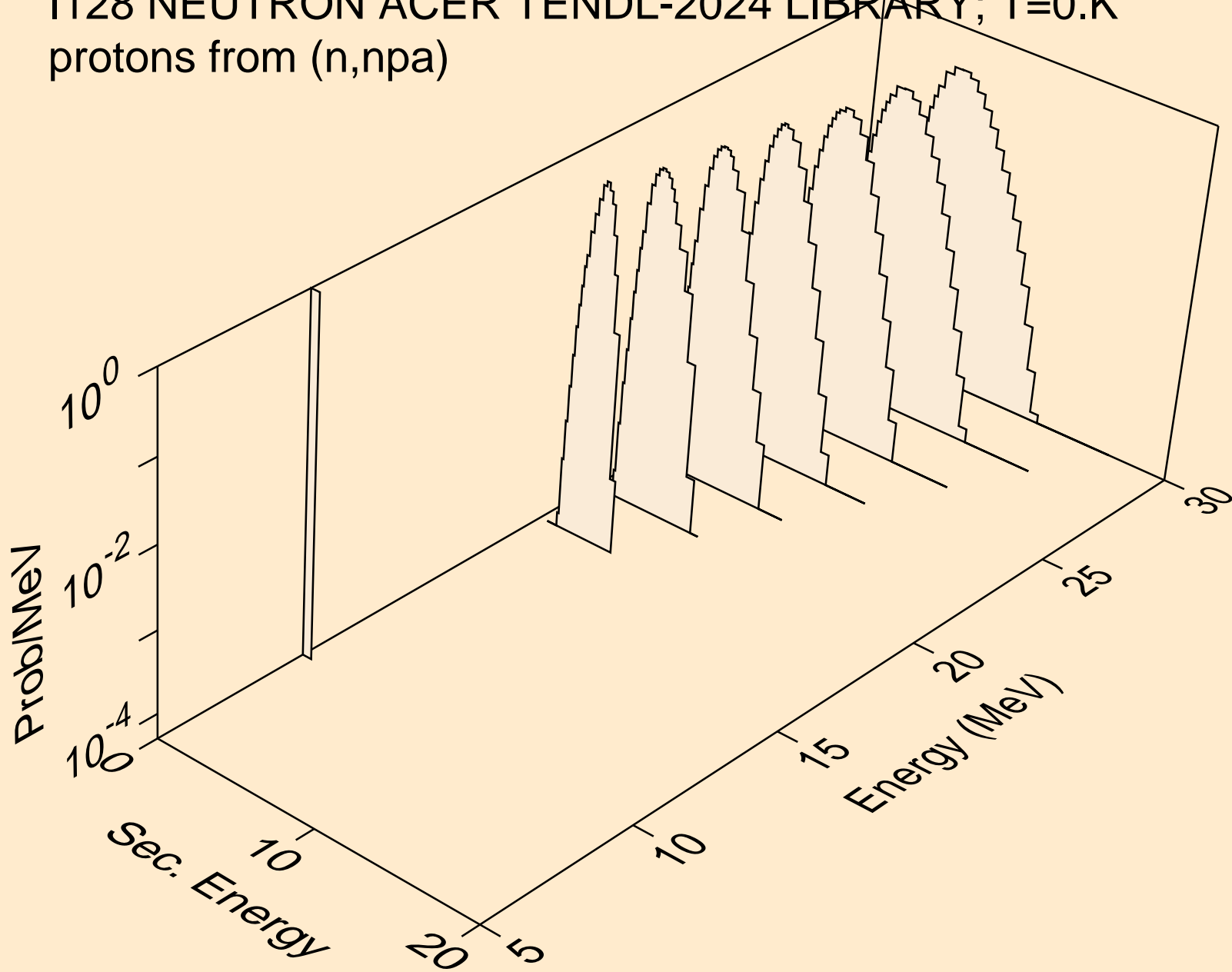


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protons from (n,n2p)

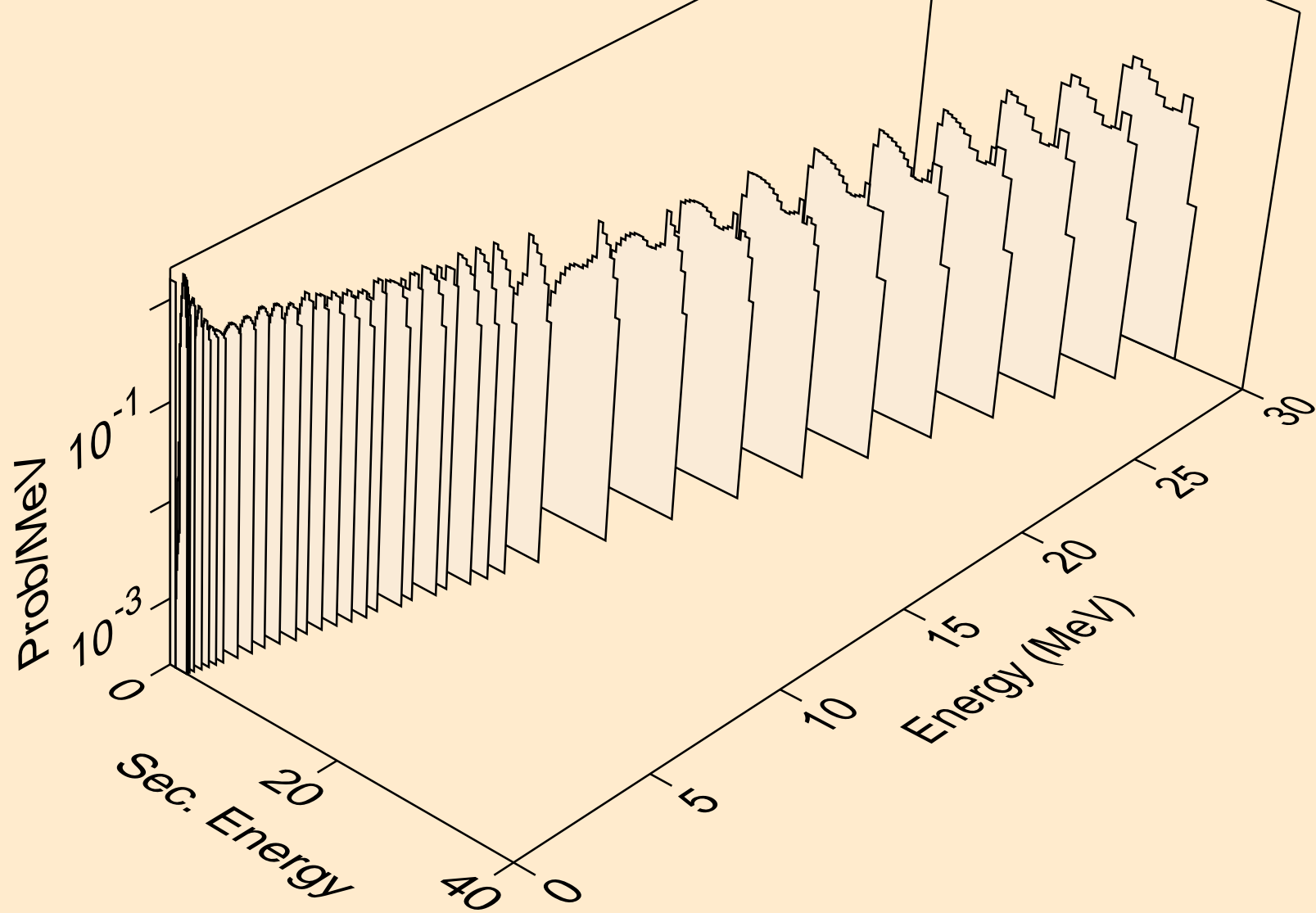




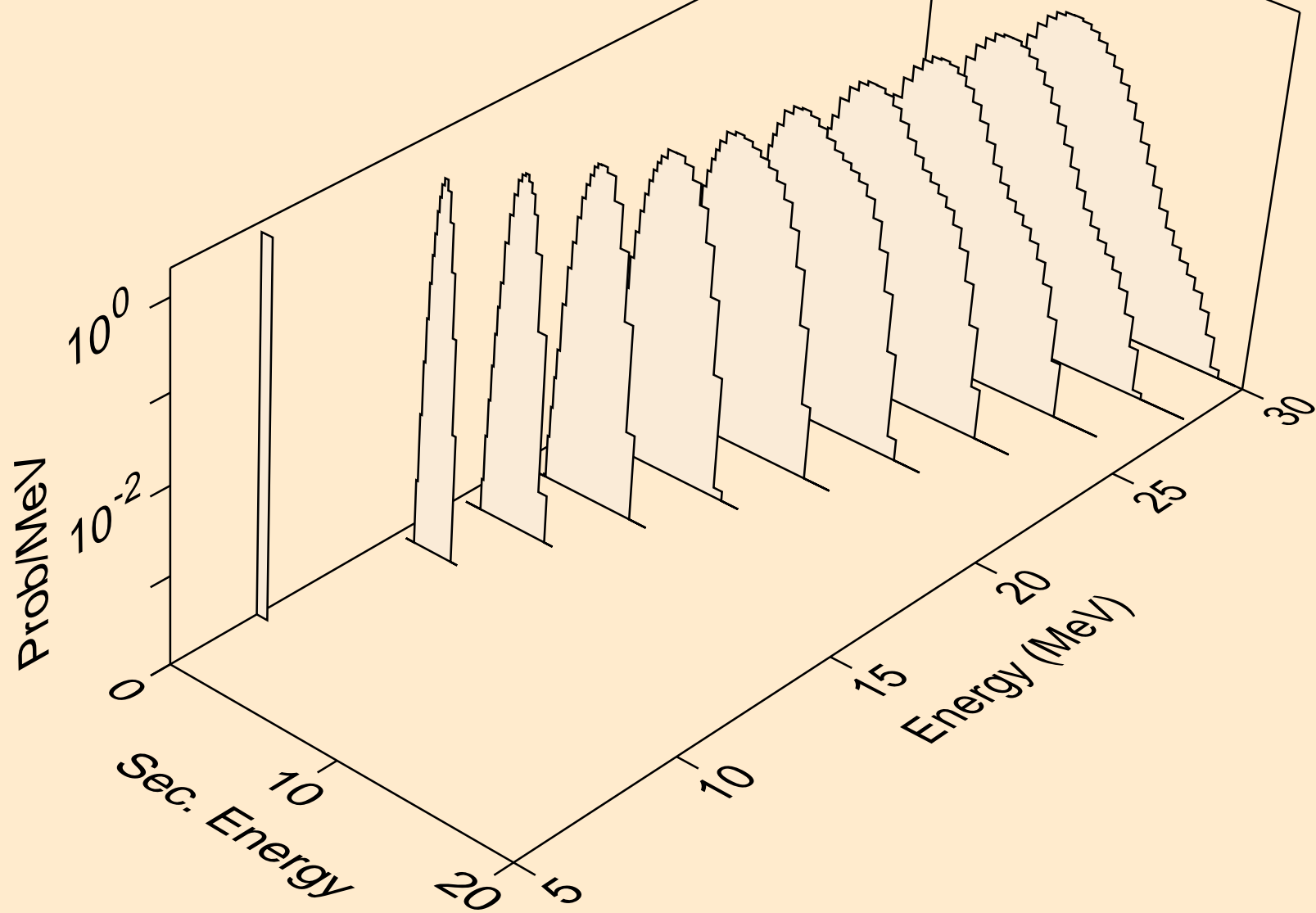
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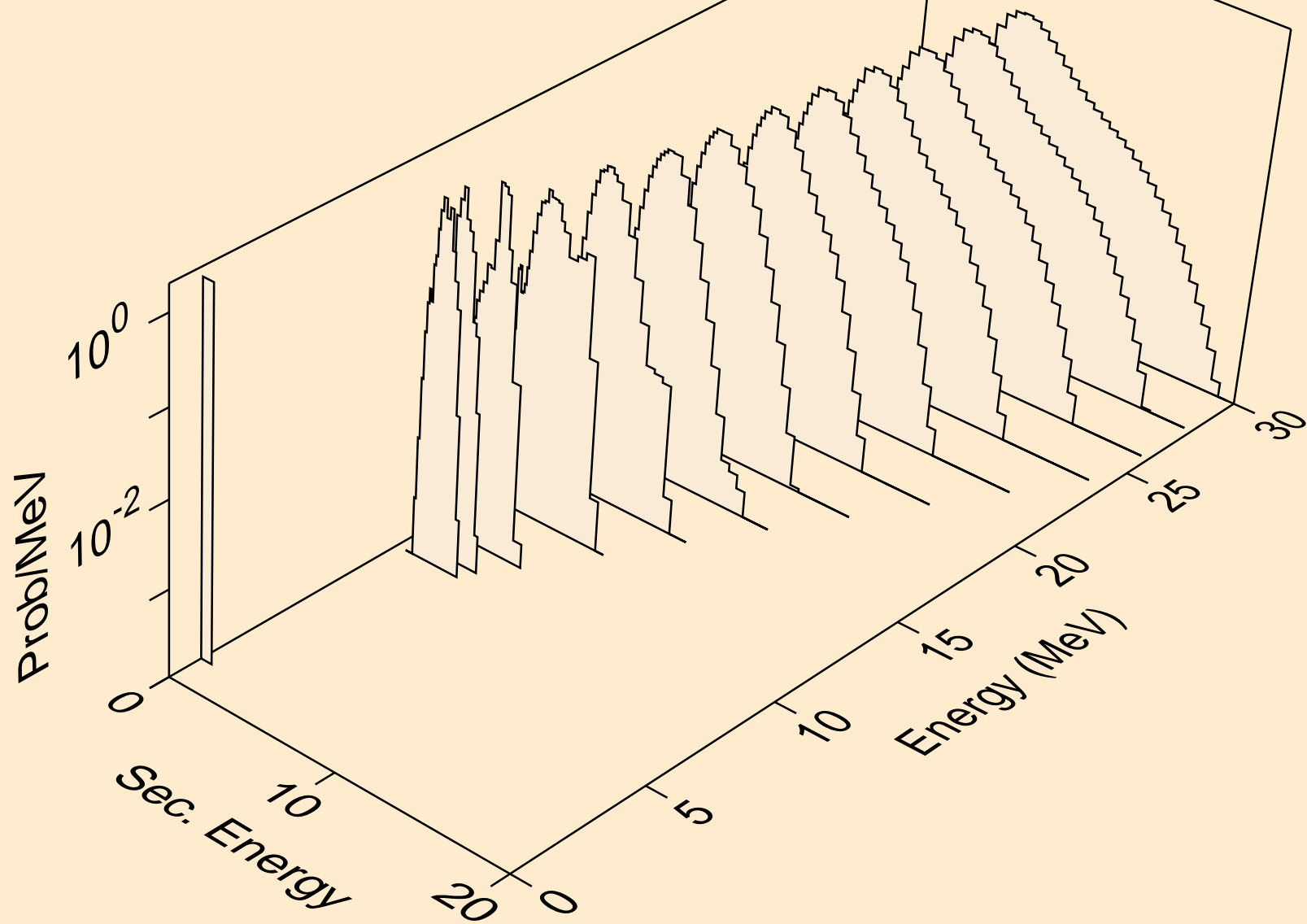
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protons from (n,p)



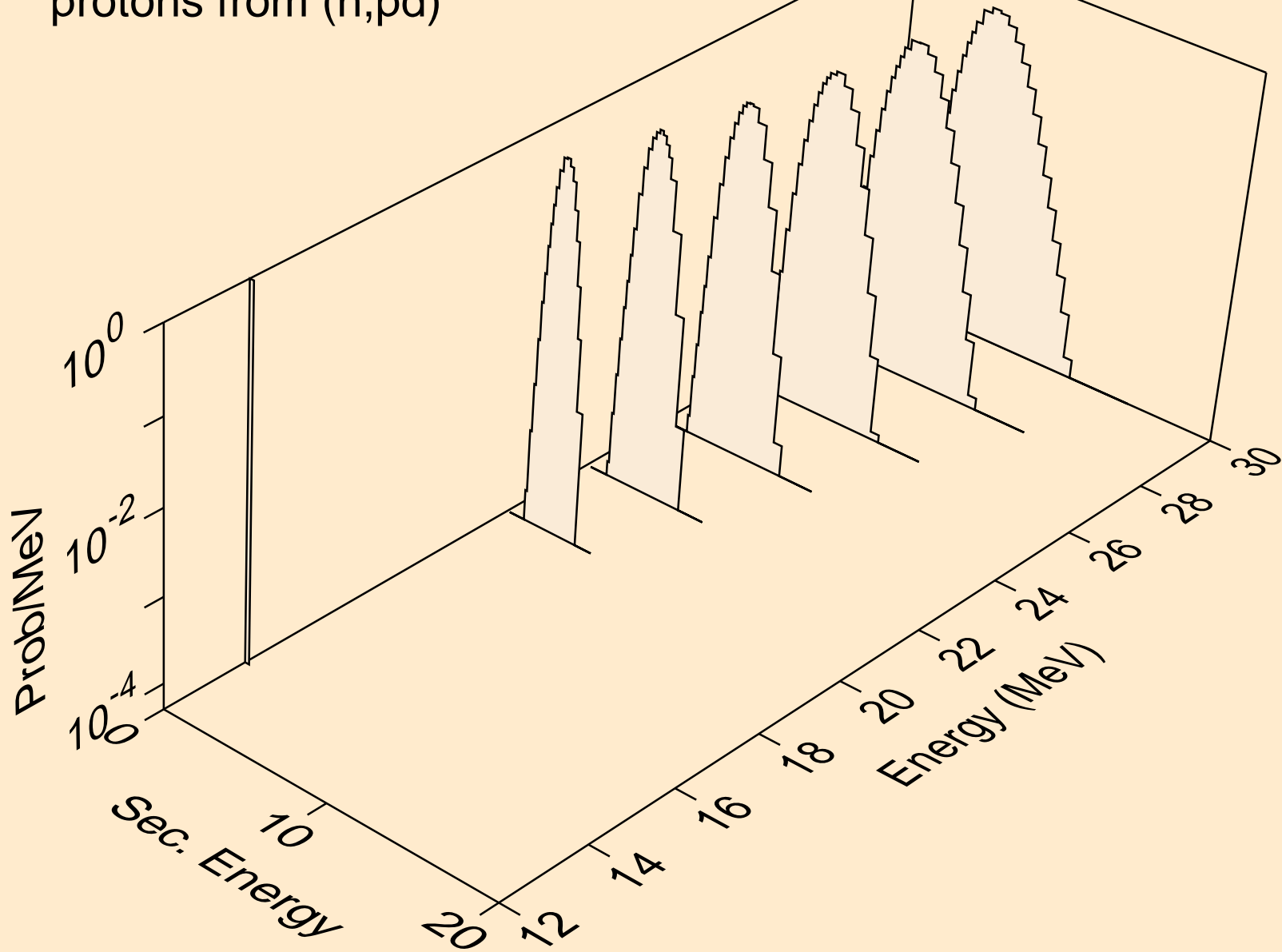
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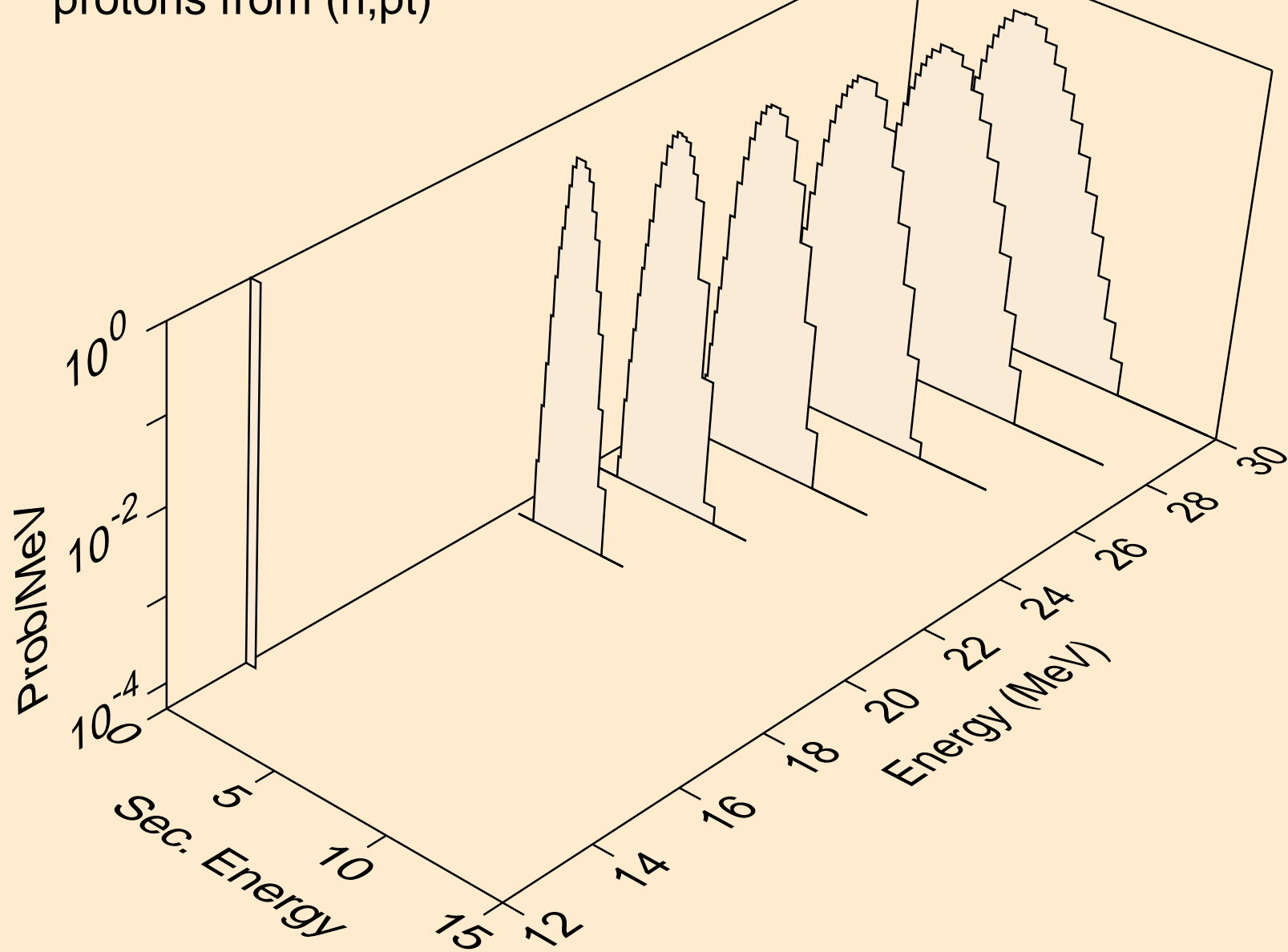
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protons from (n,p)



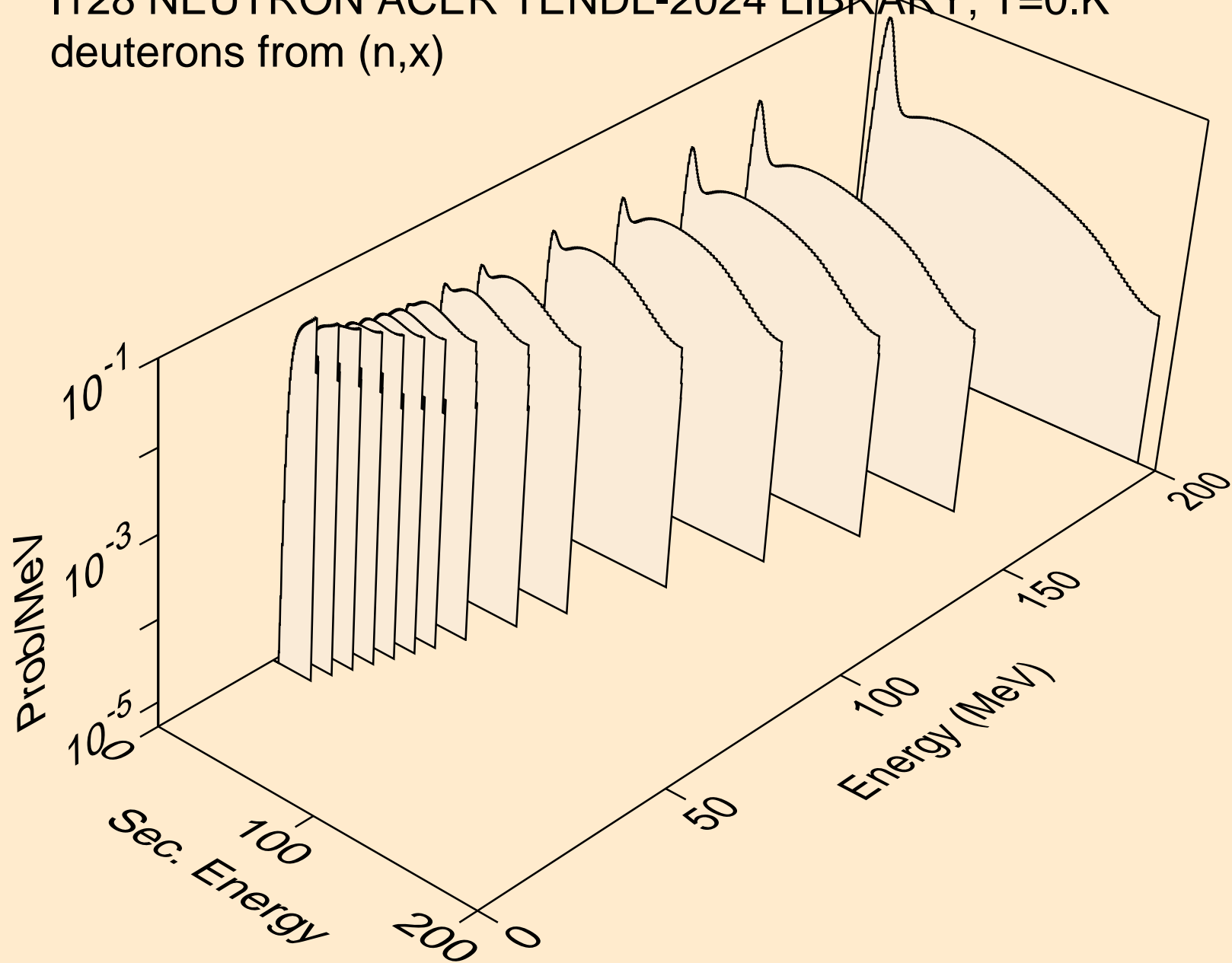
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protons from (n,pd)



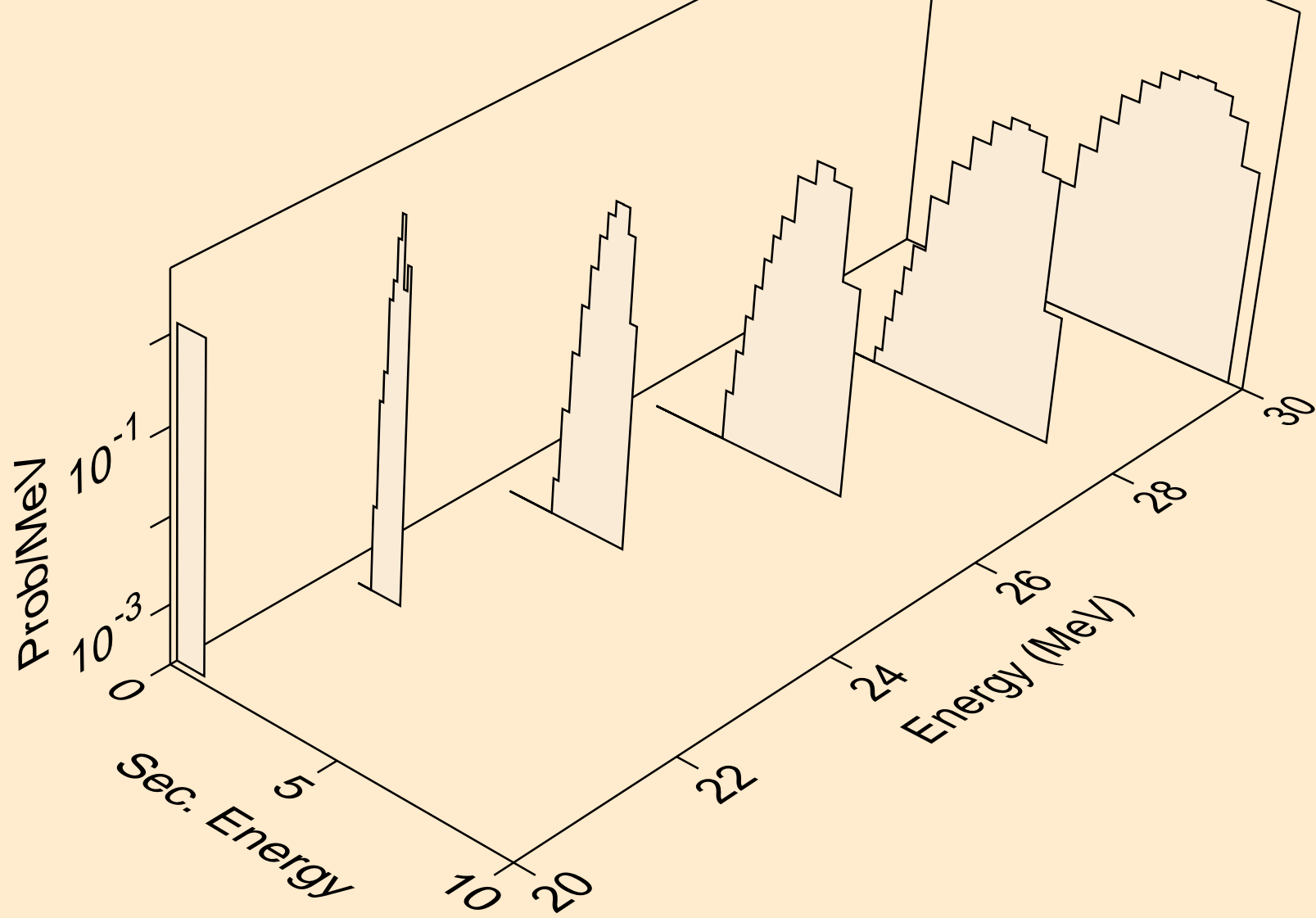
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protons from (n,pt)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

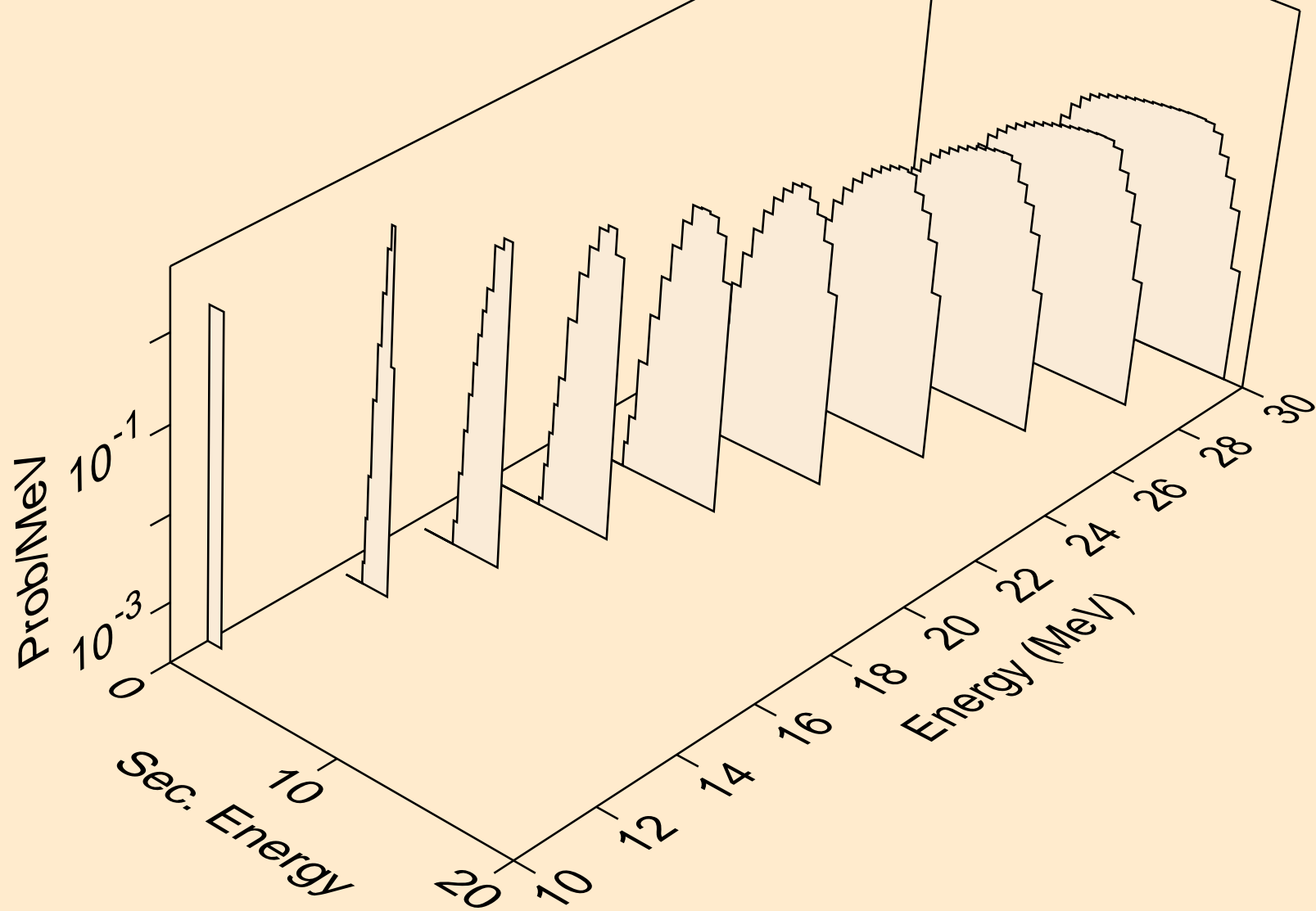


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deuterons from (n,2nd)

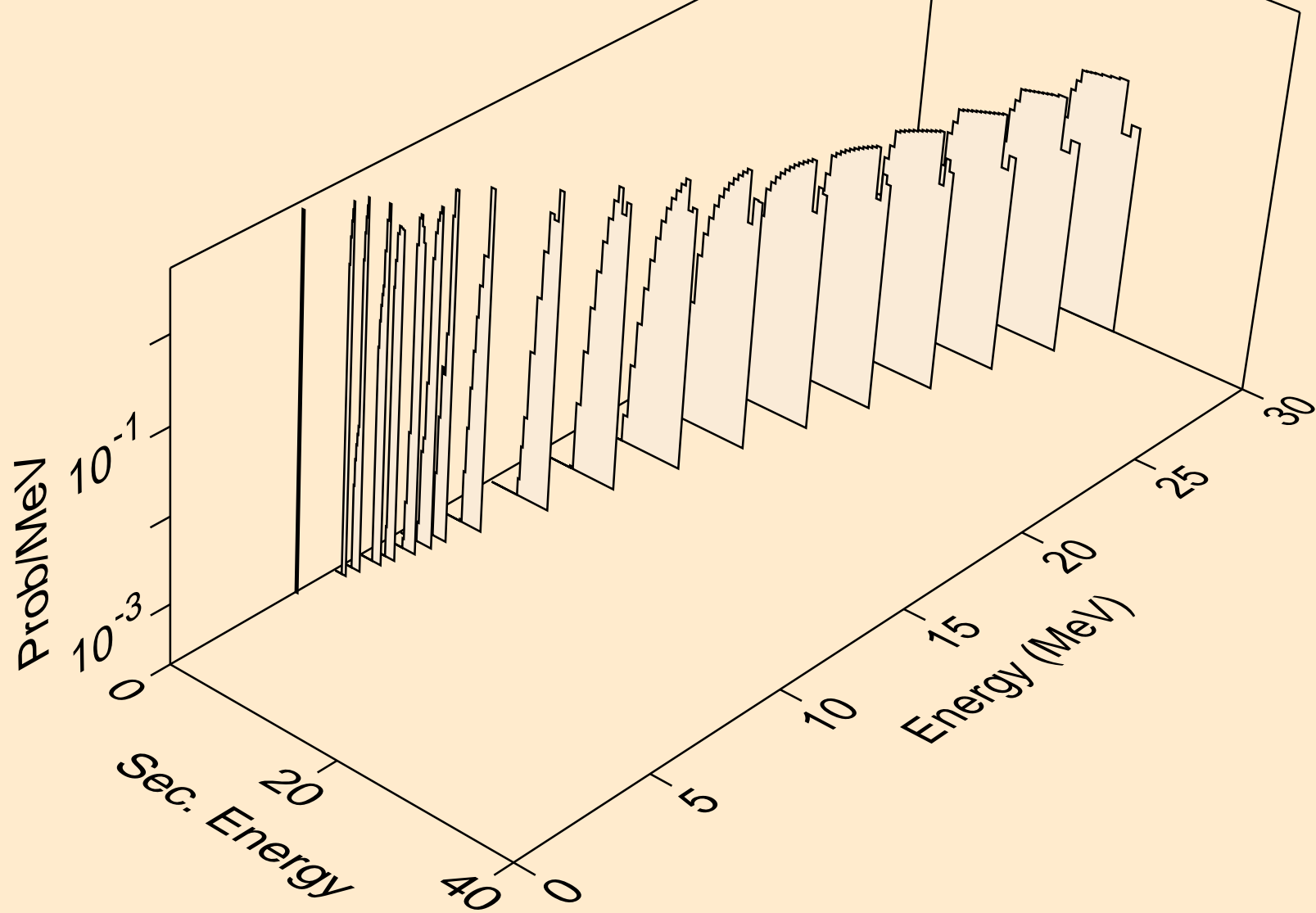




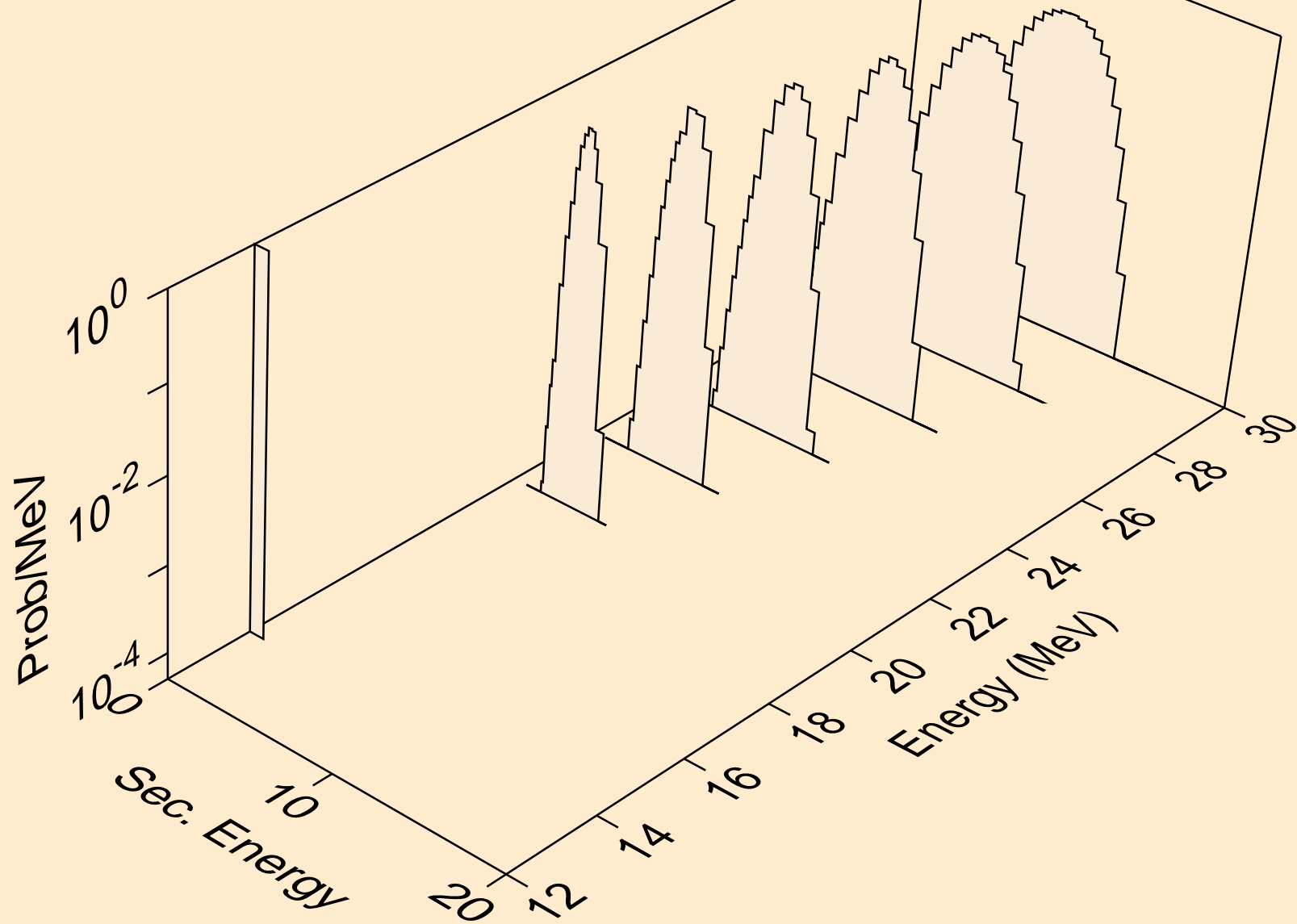
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deuterons from (n,n\*)d



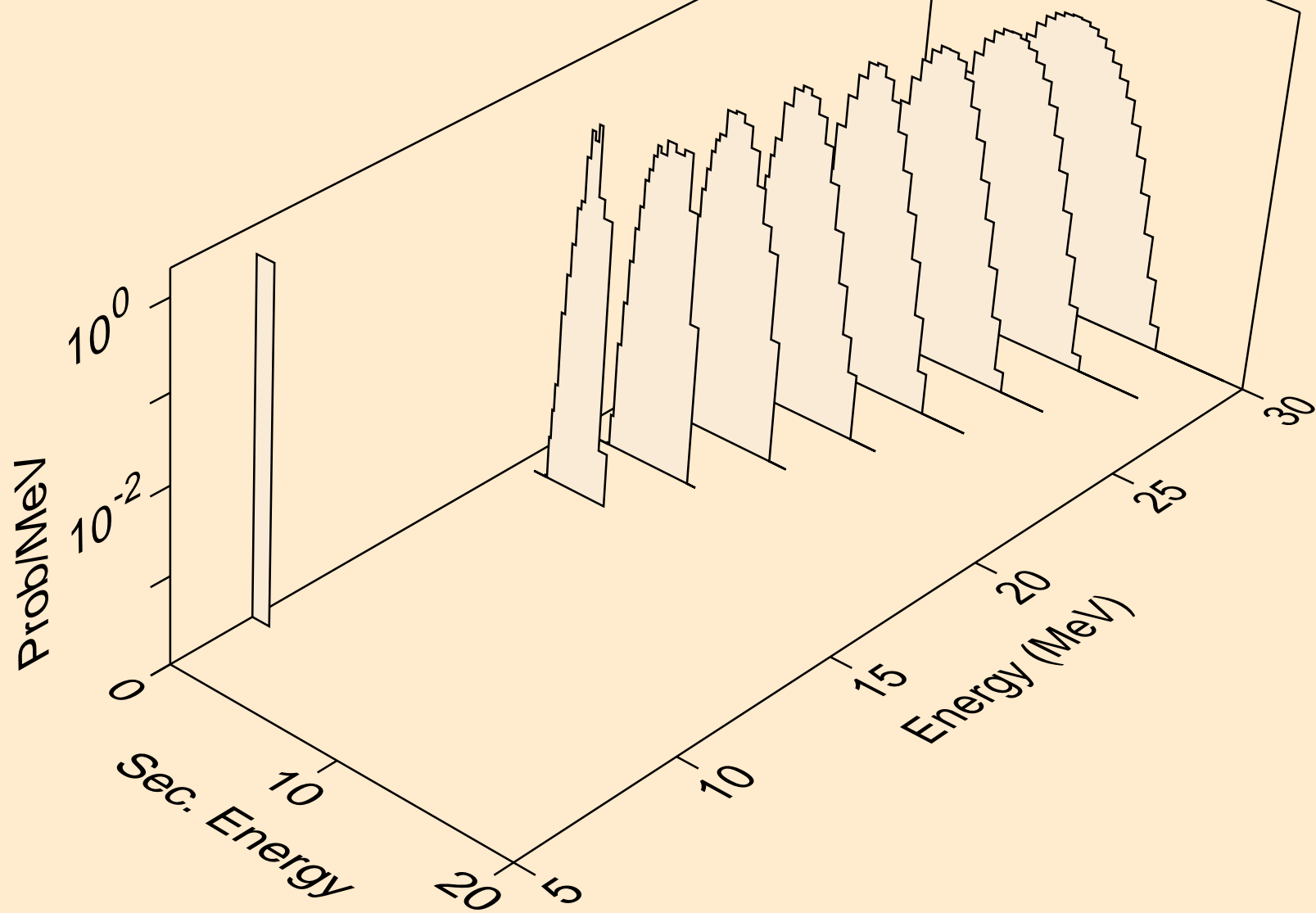
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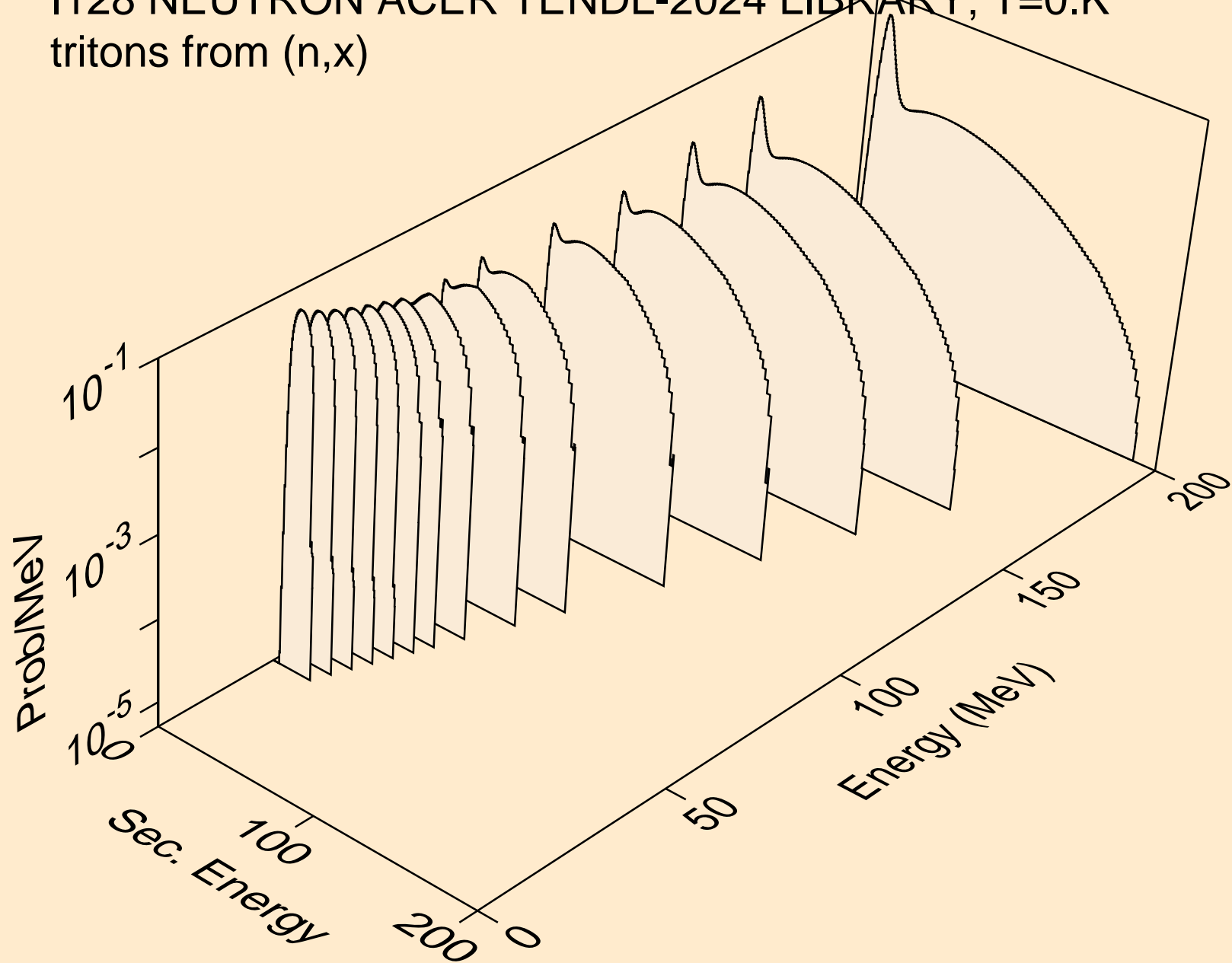
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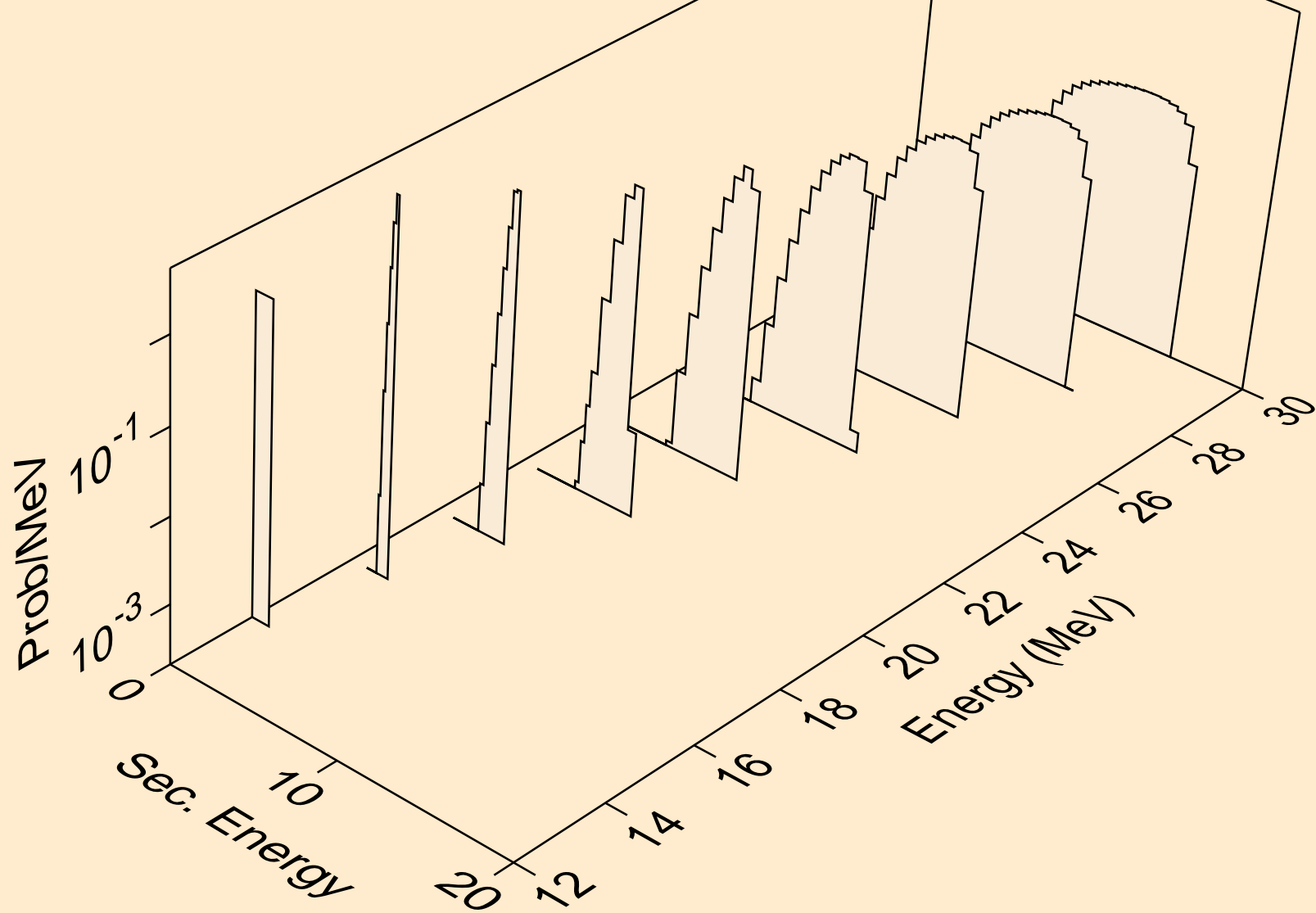
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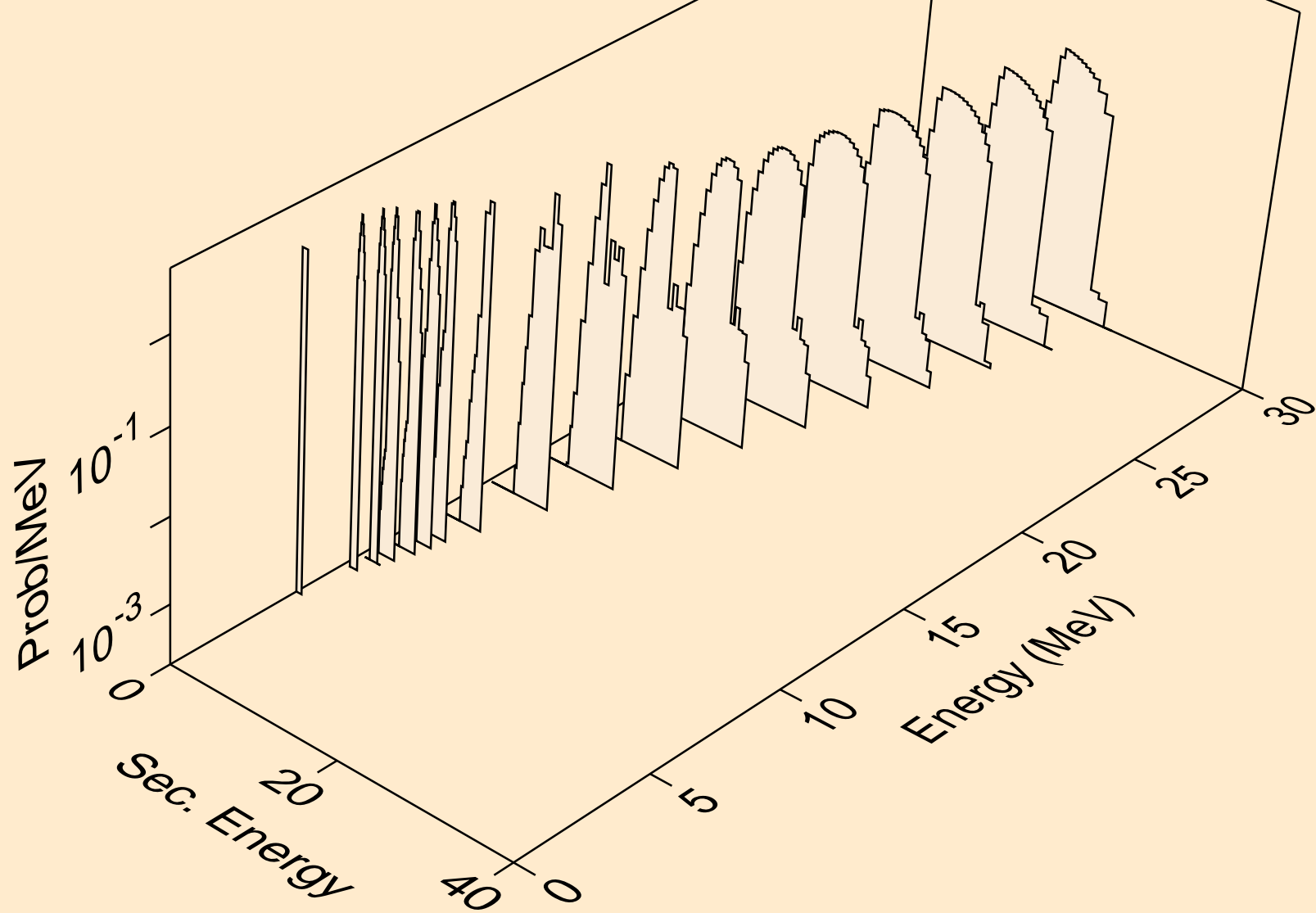
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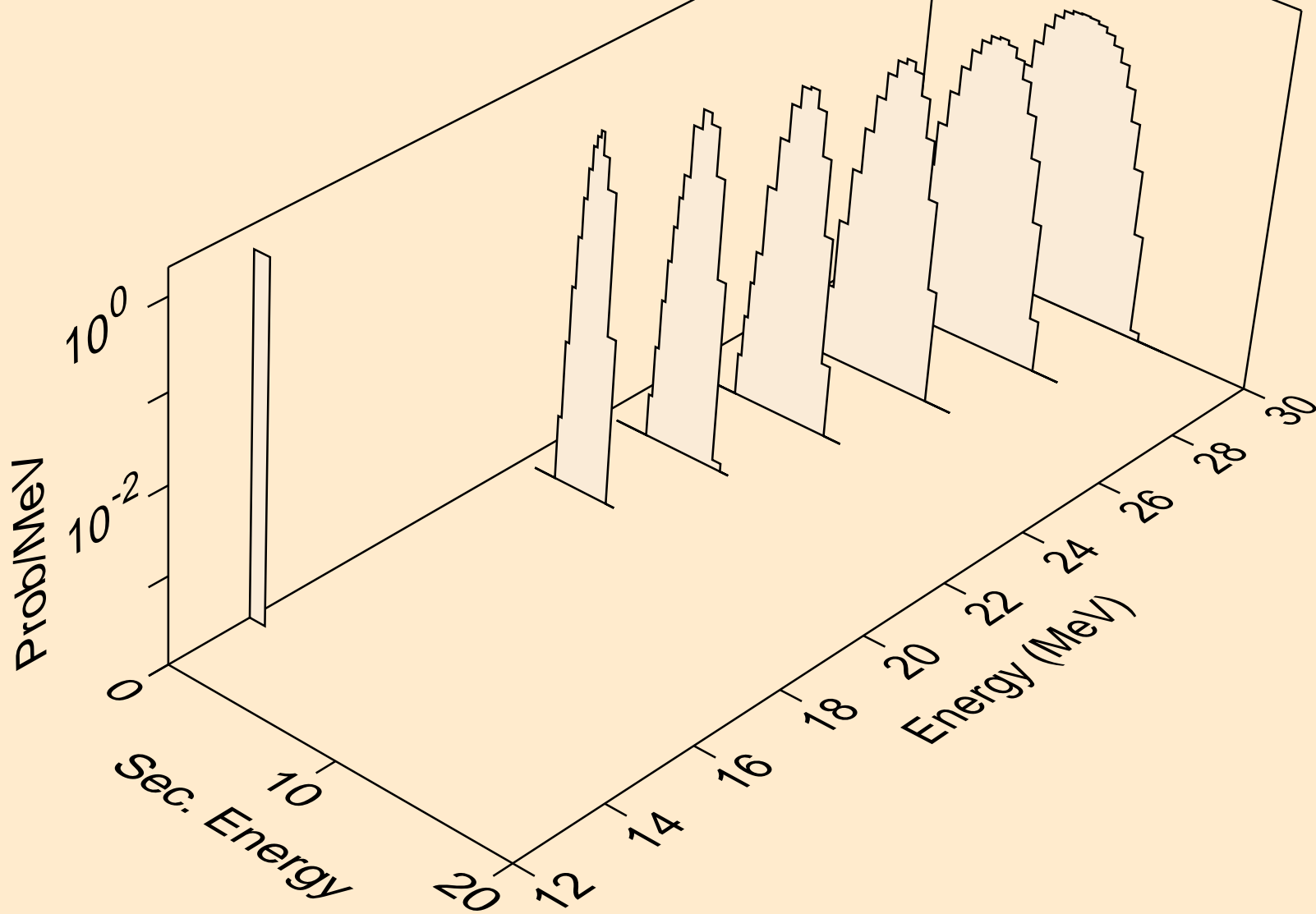
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tritons from (n,n\*)t



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

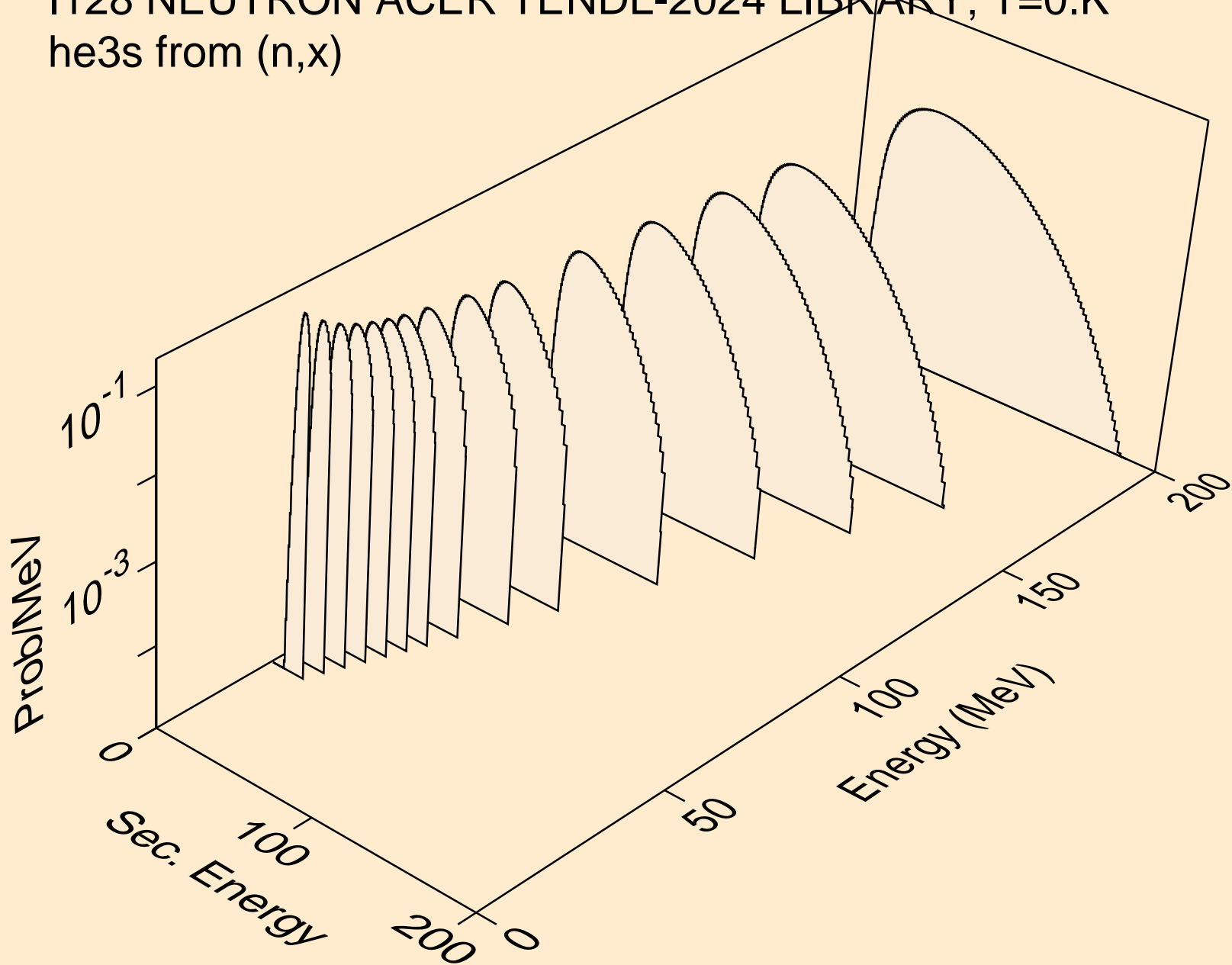


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

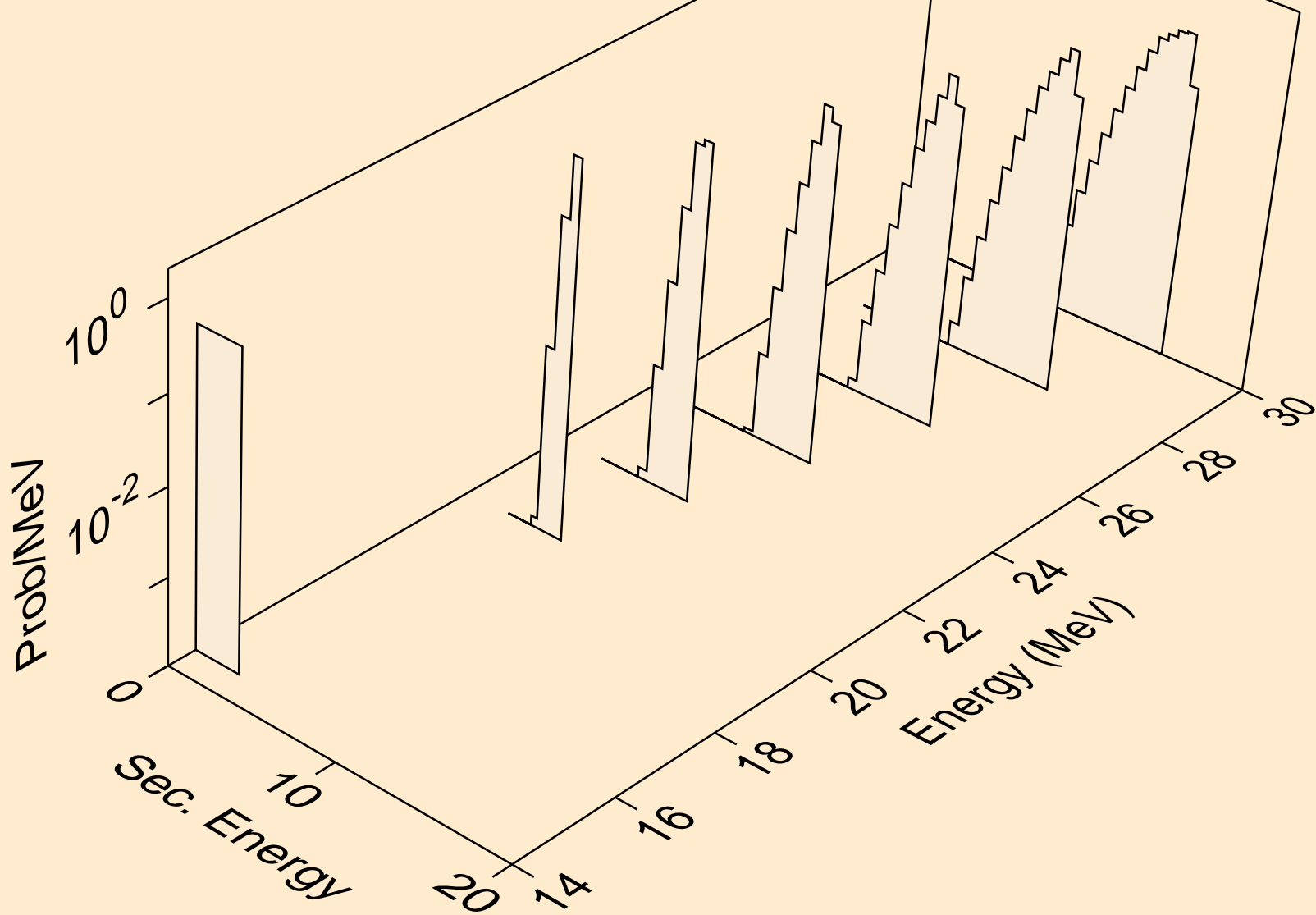




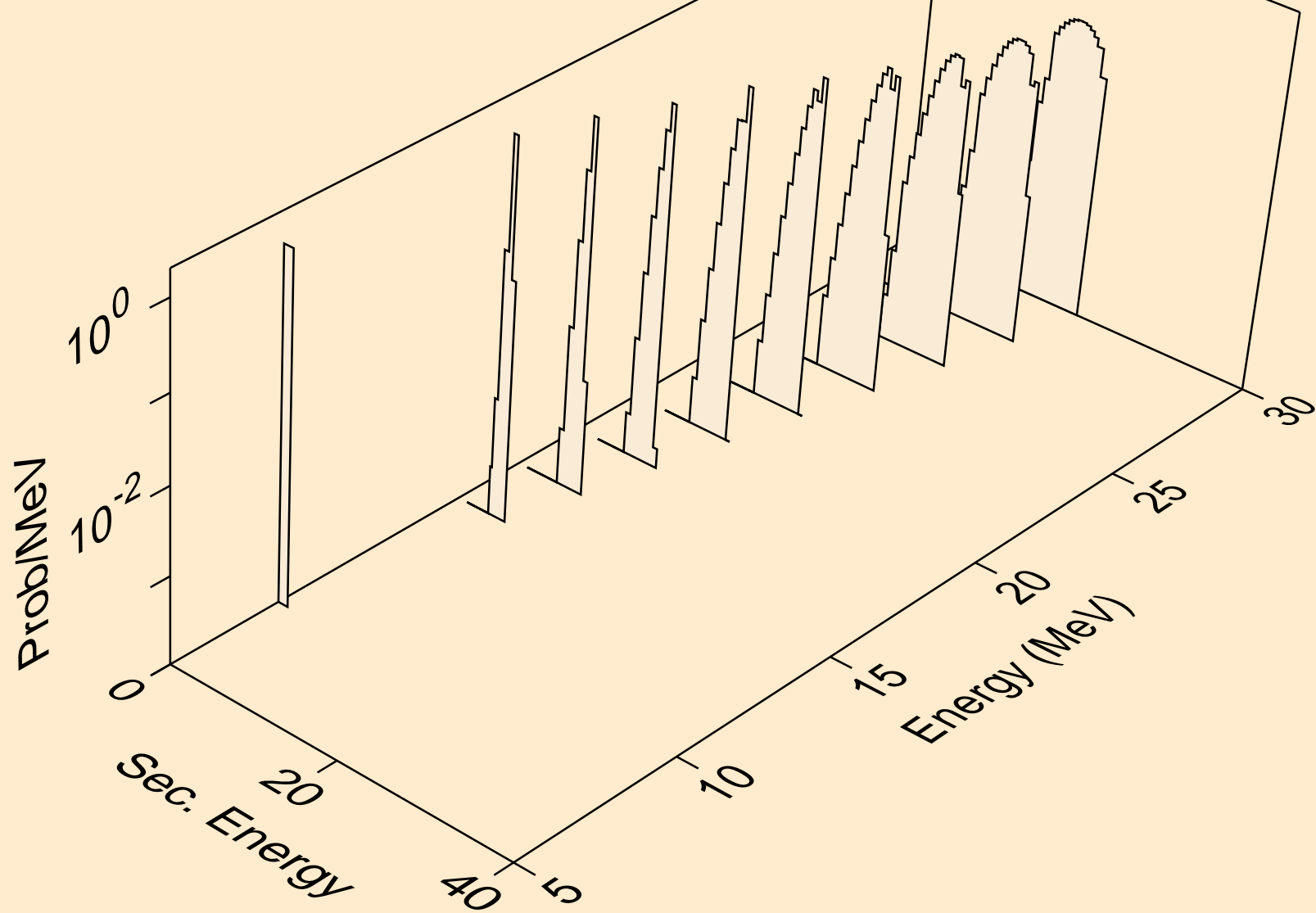
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



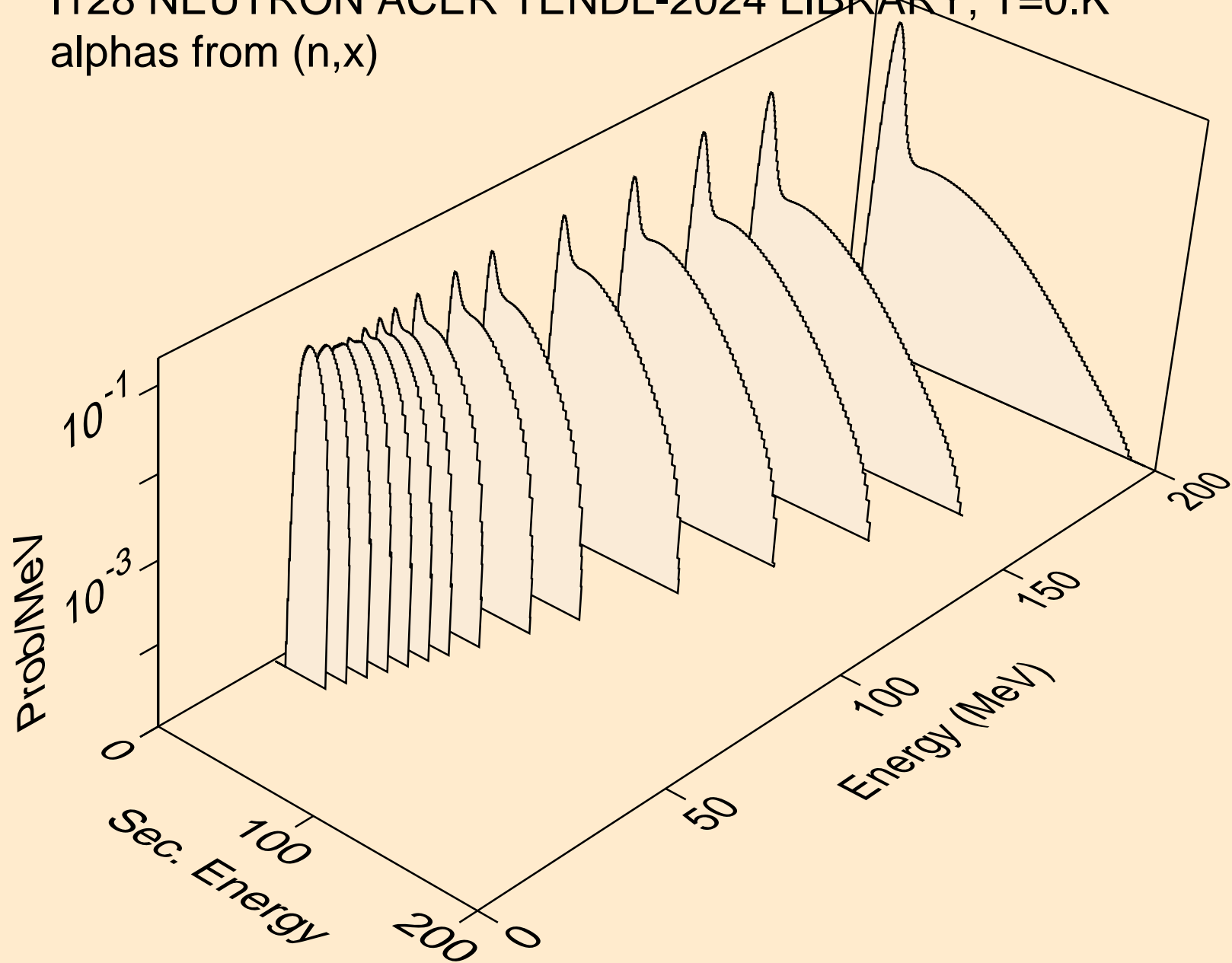
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



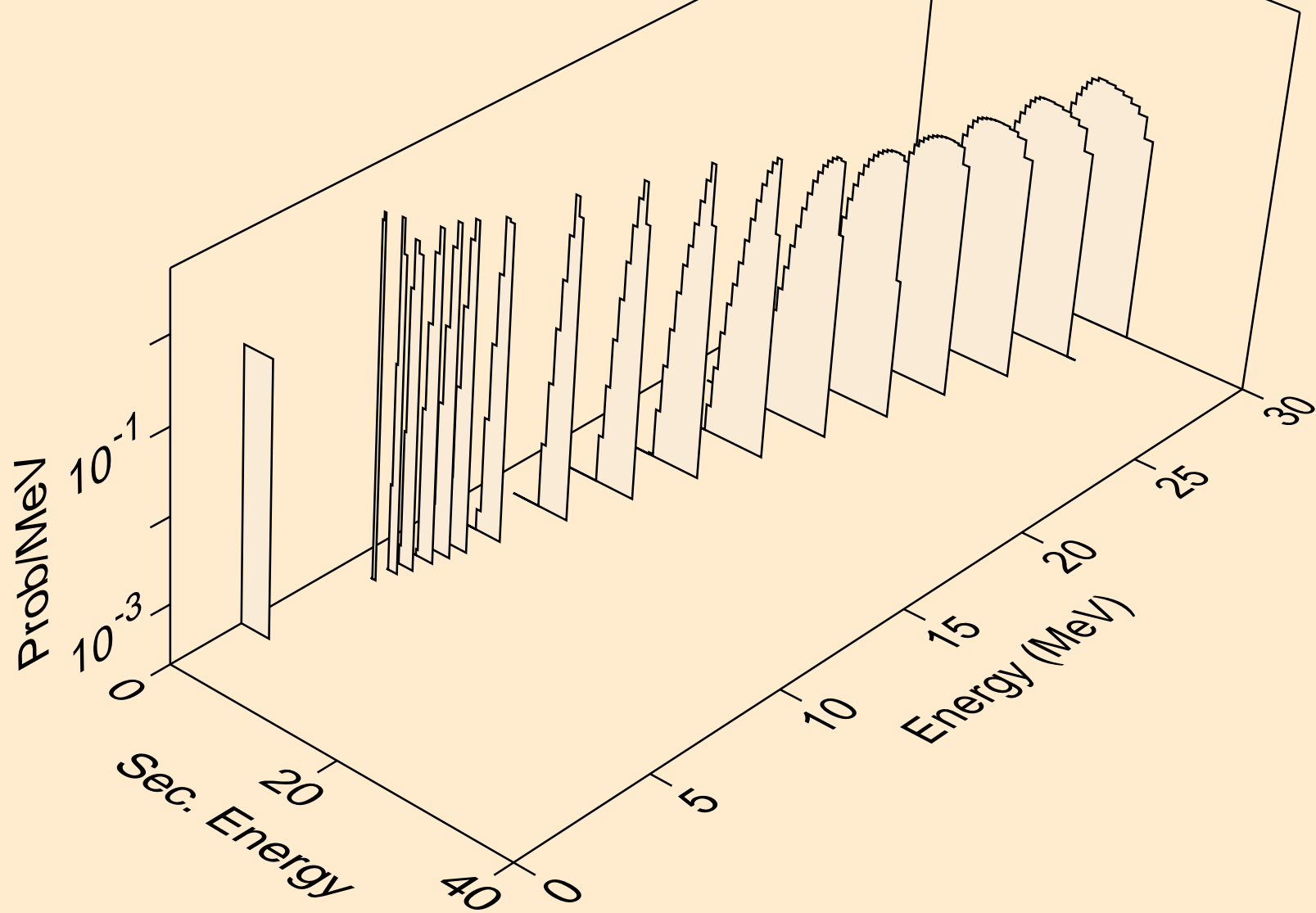
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he3s from (n,he3)



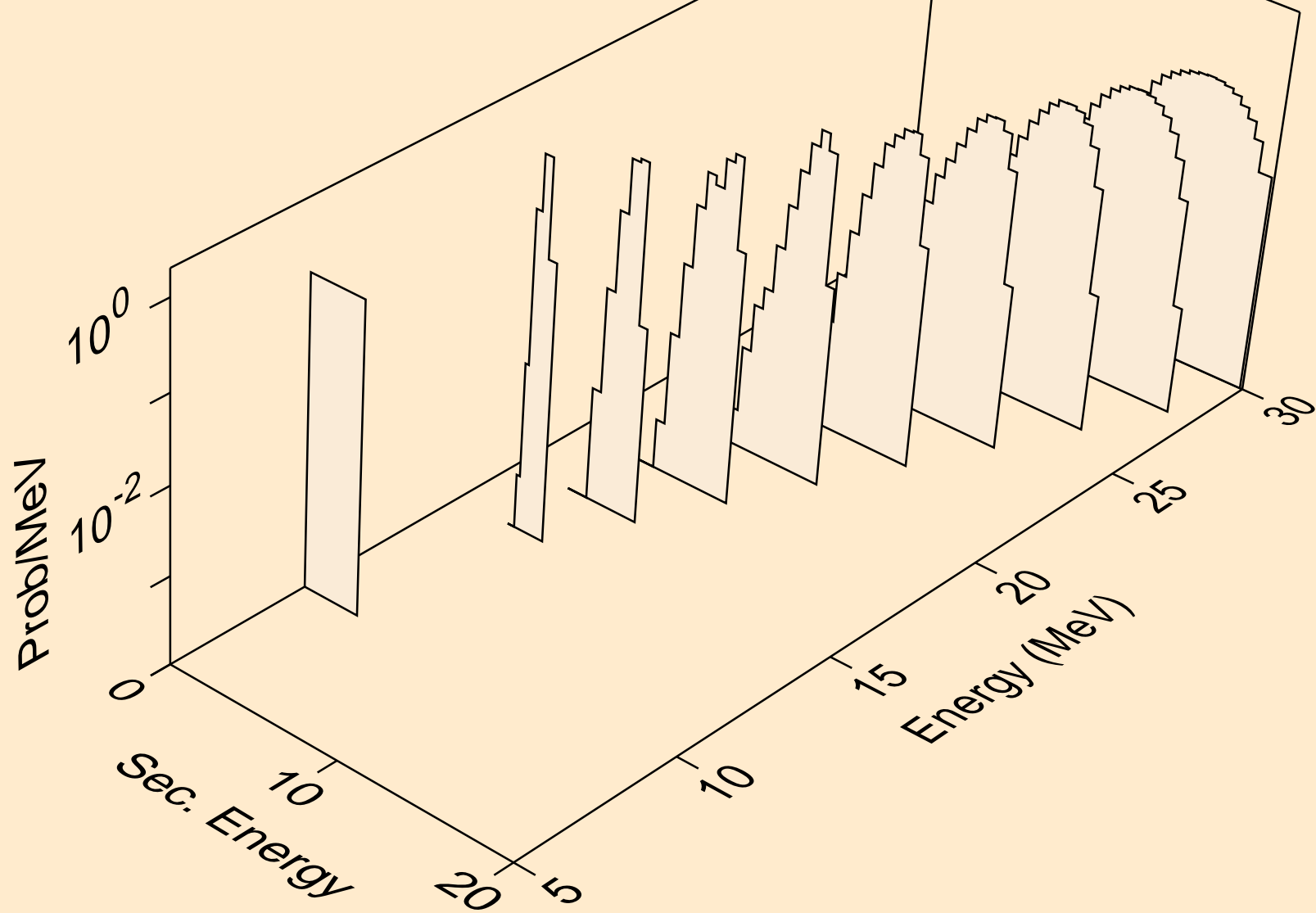
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



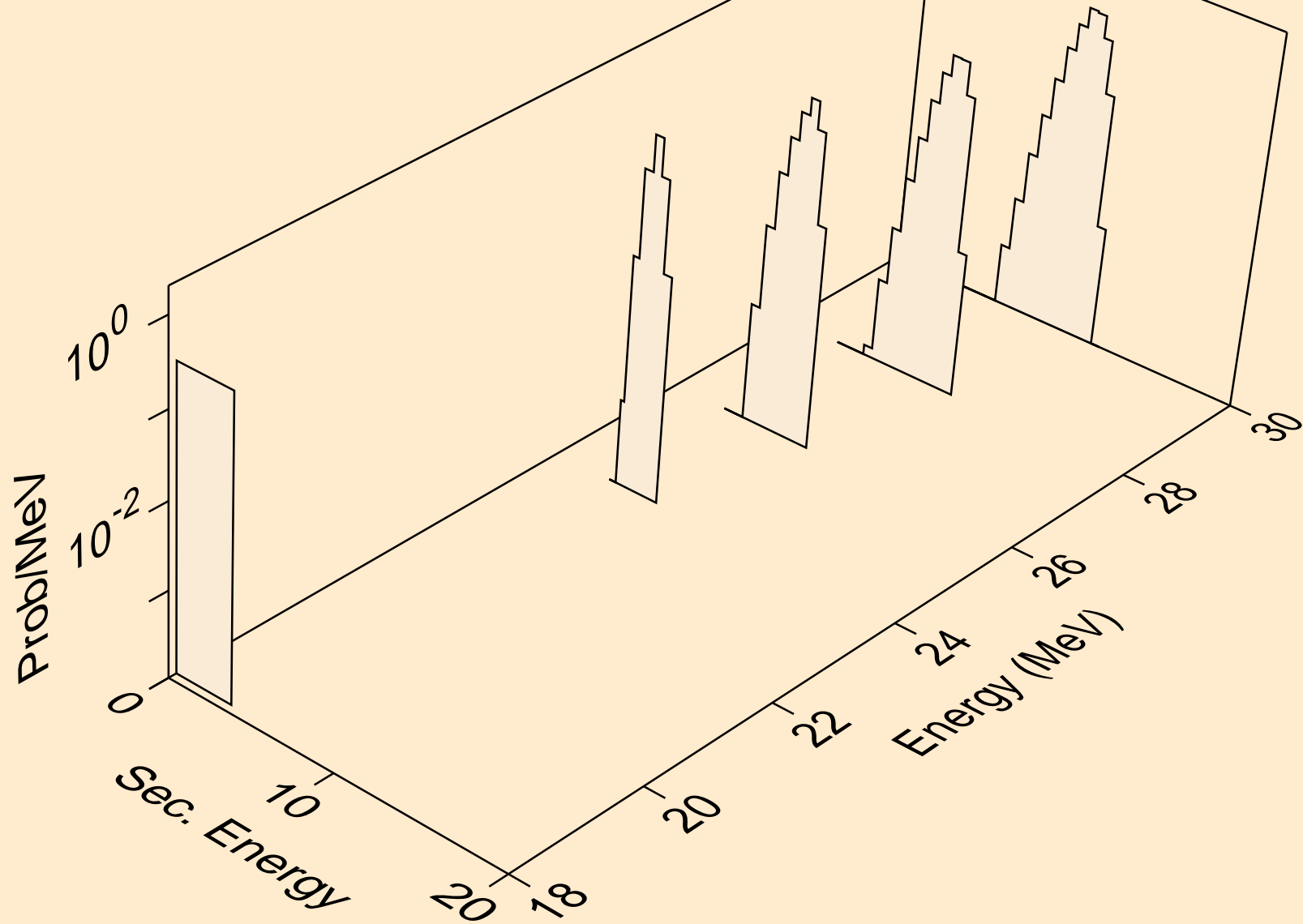
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



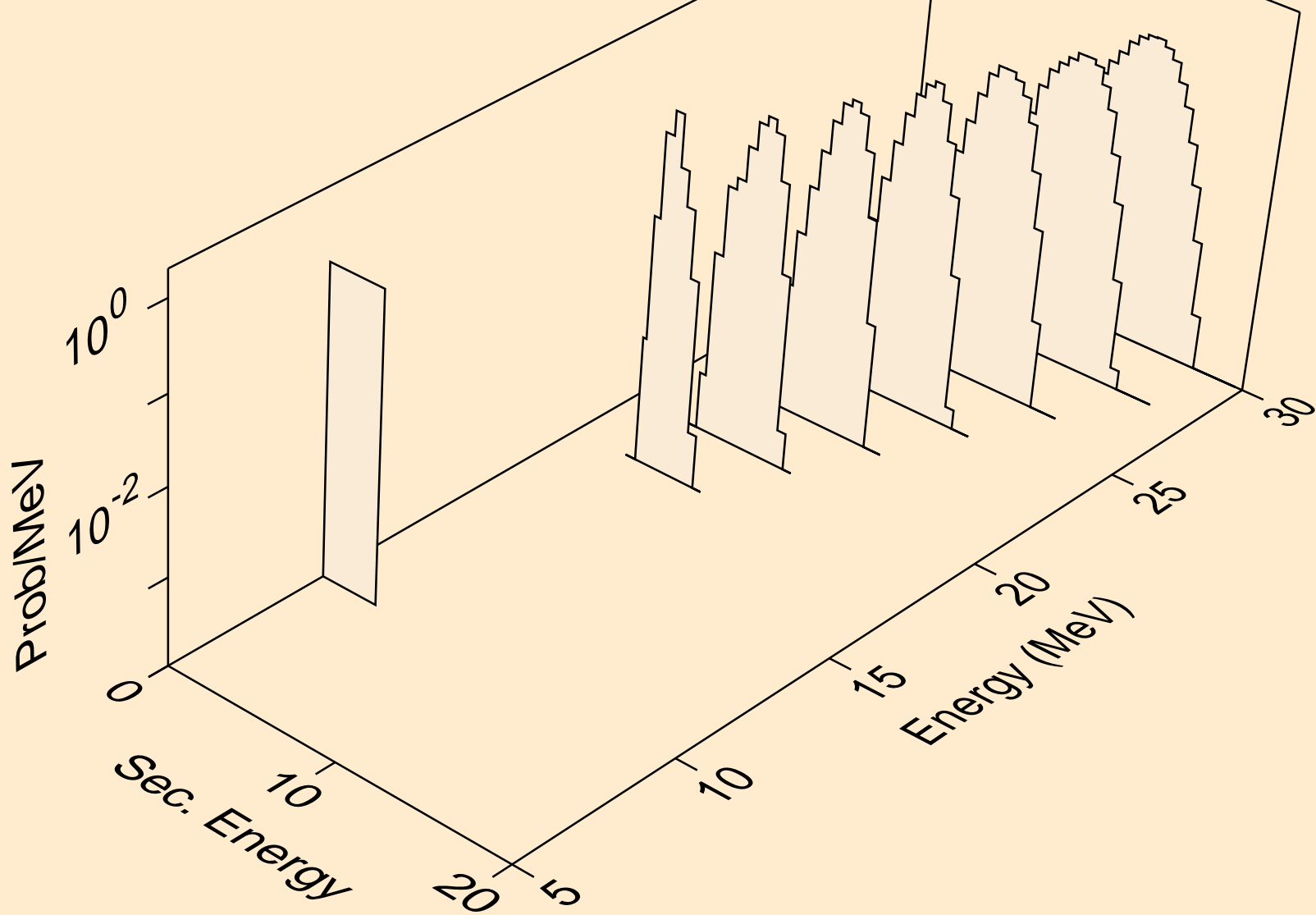
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

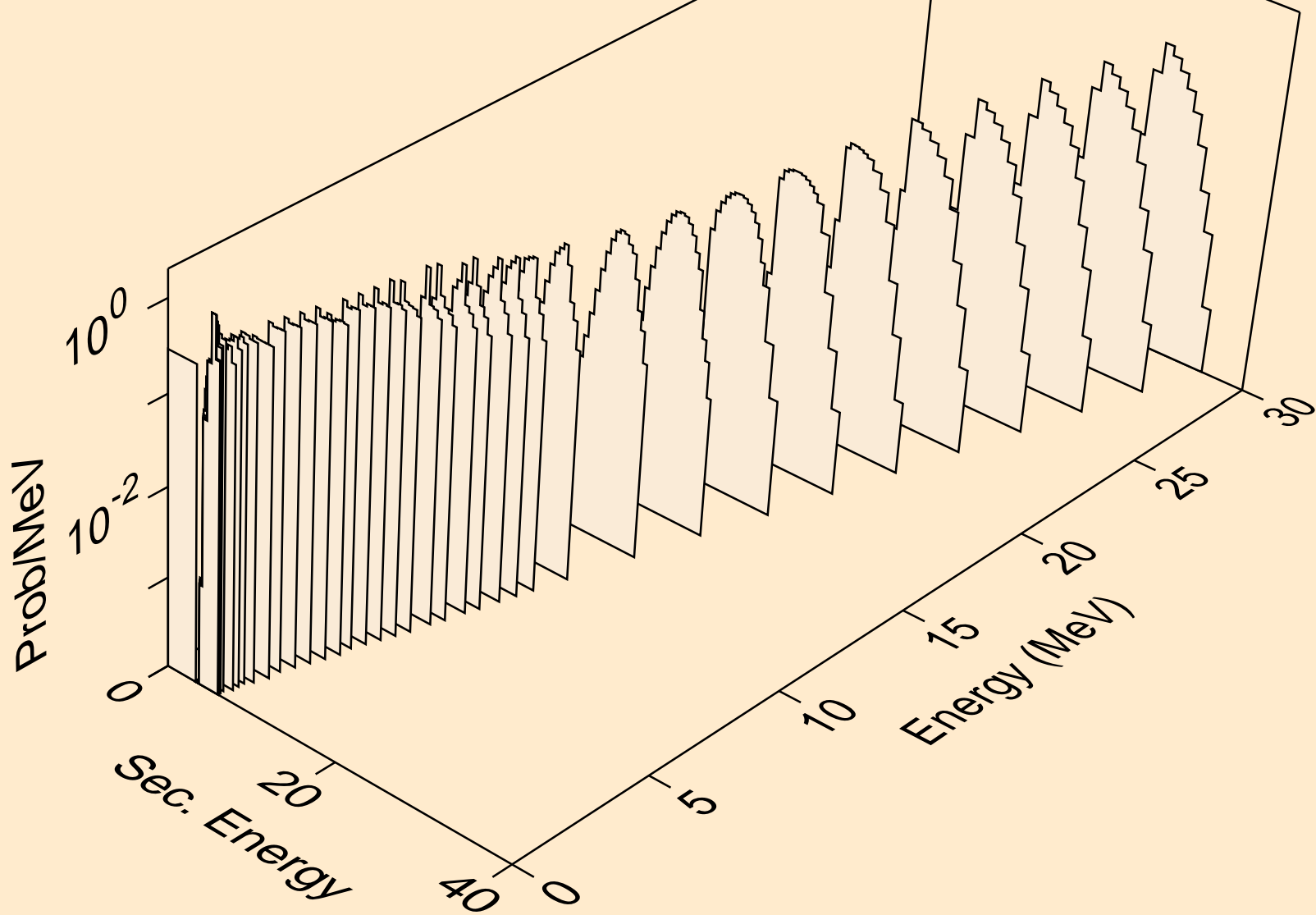


I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

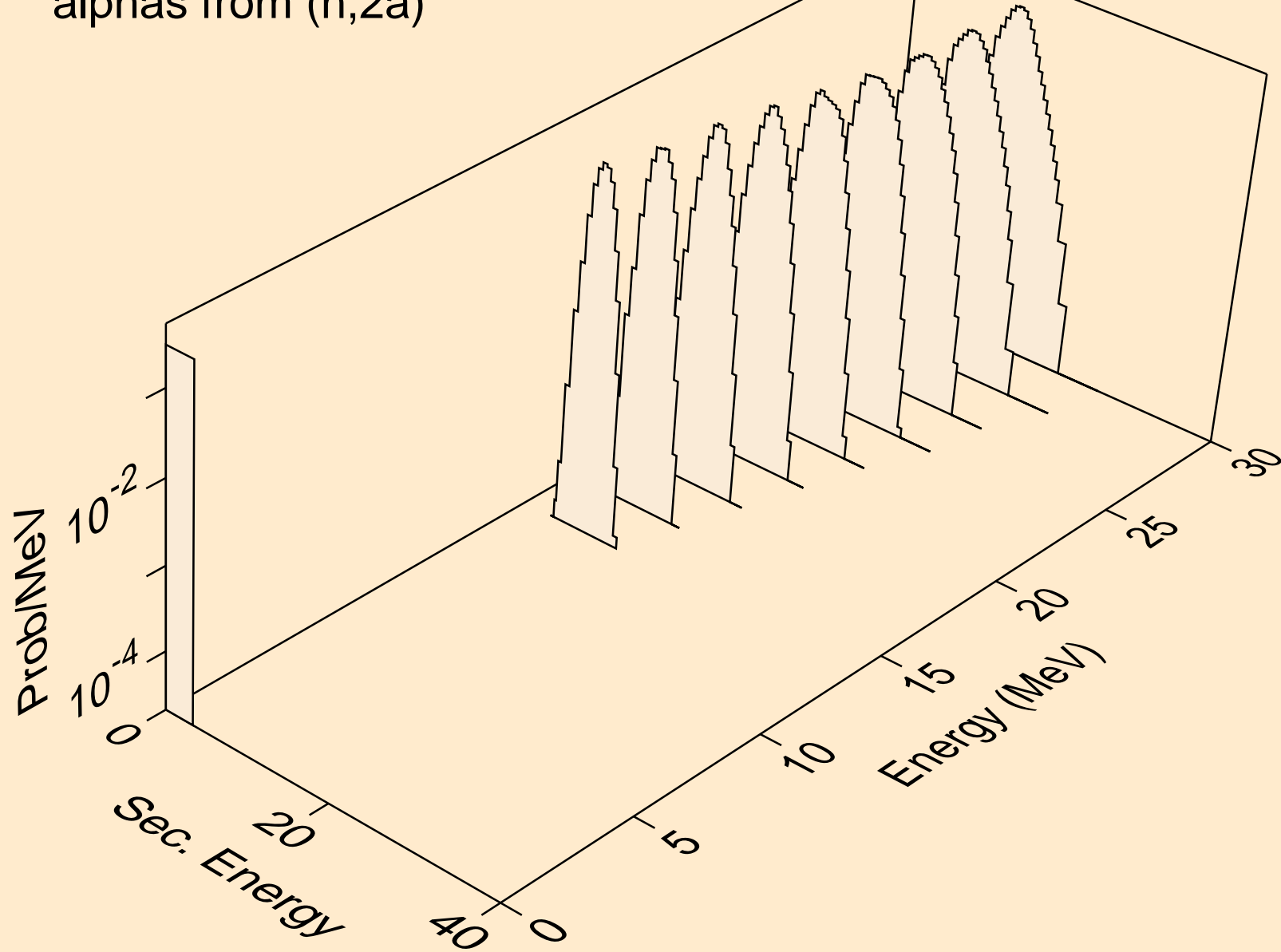




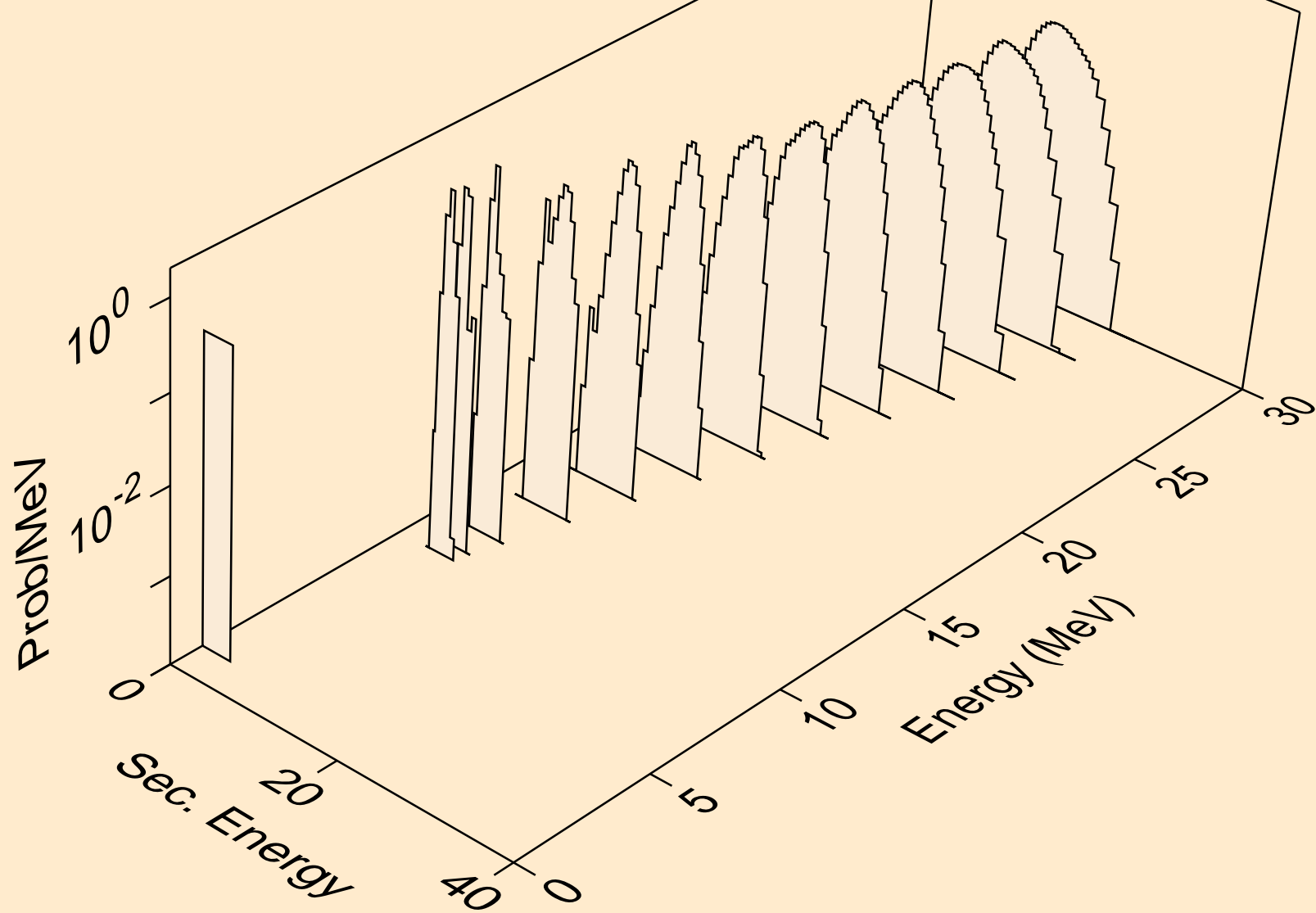
I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



I128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

