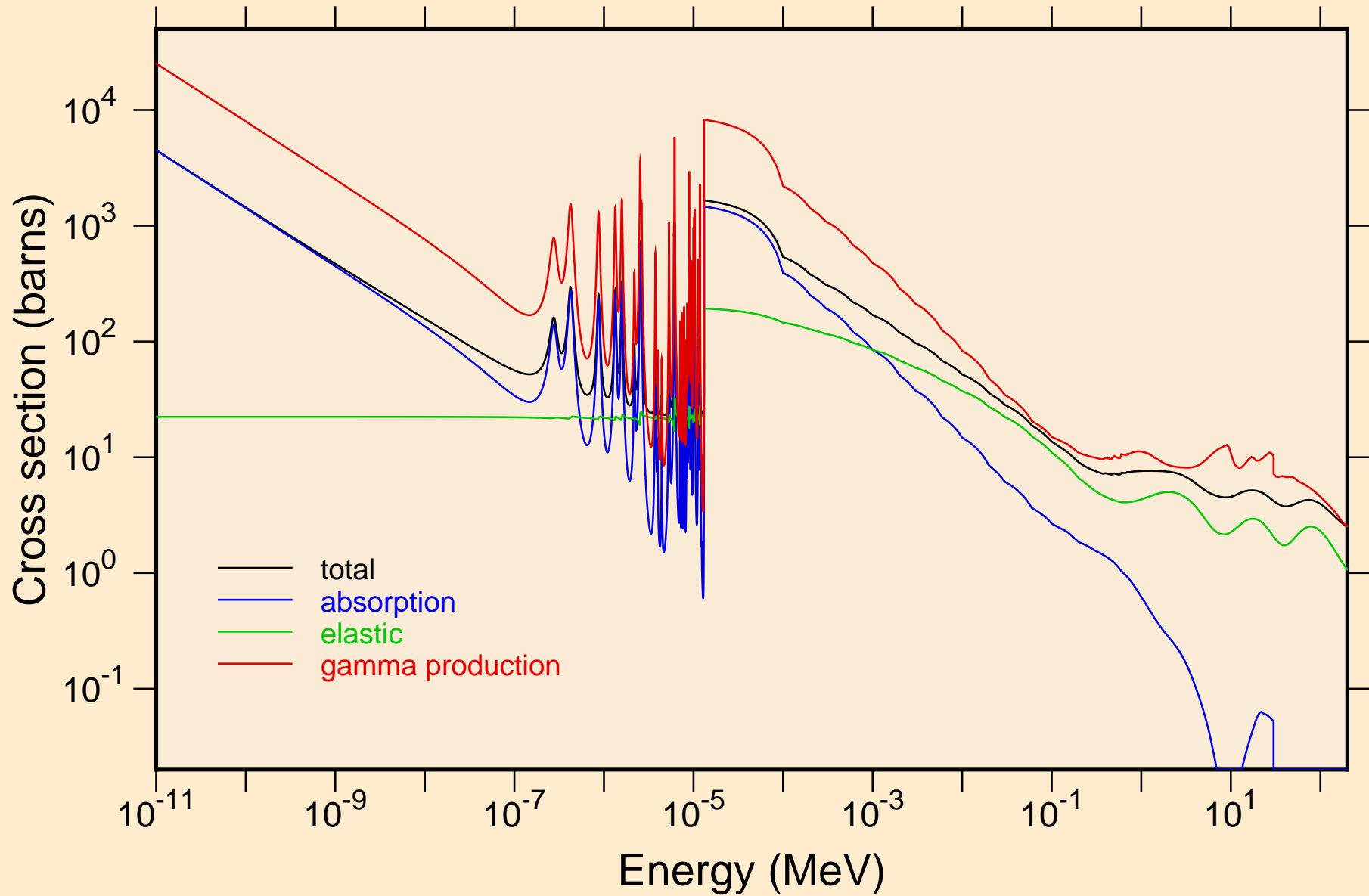
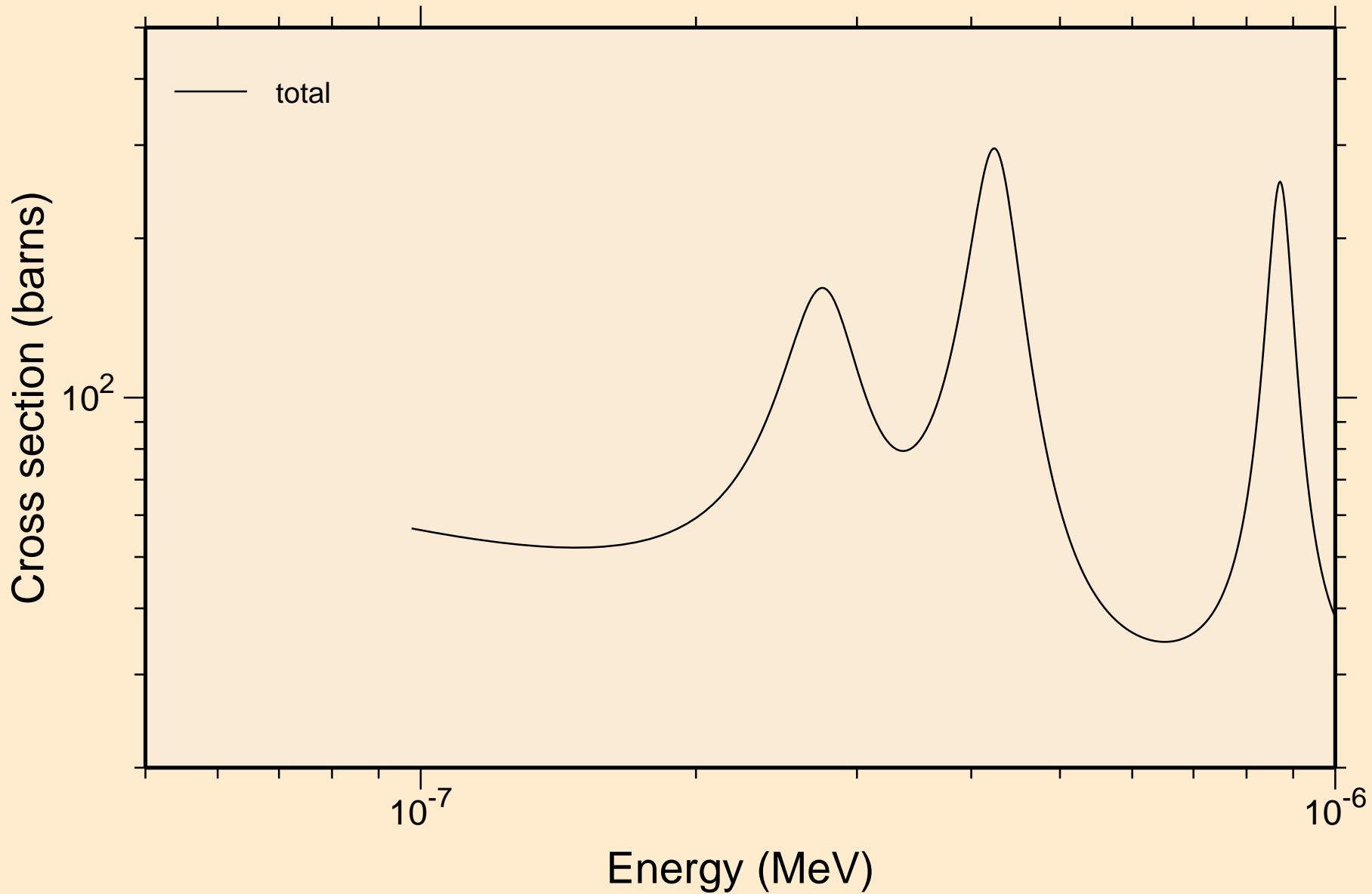


# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

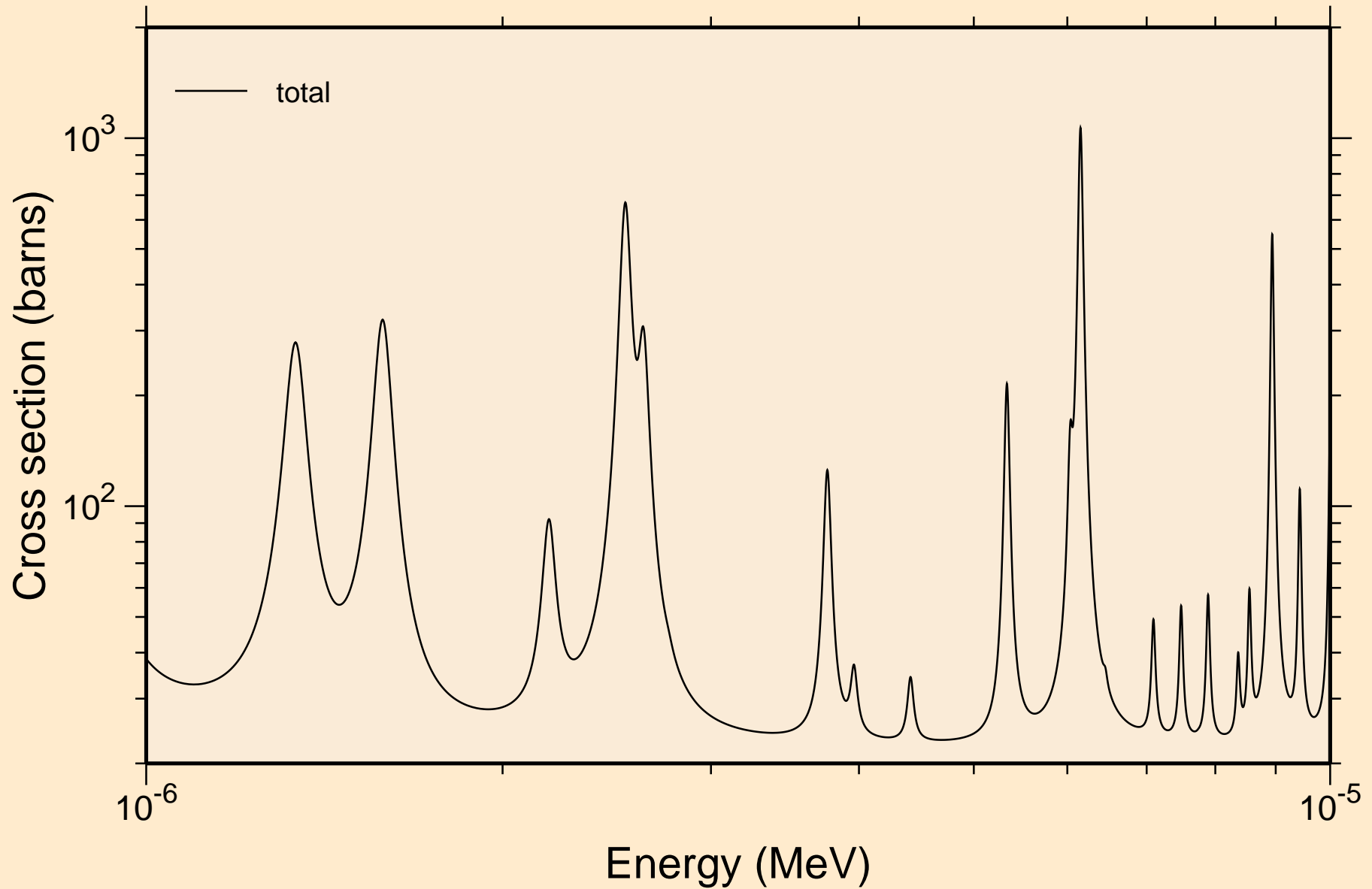
## Principal cross sections



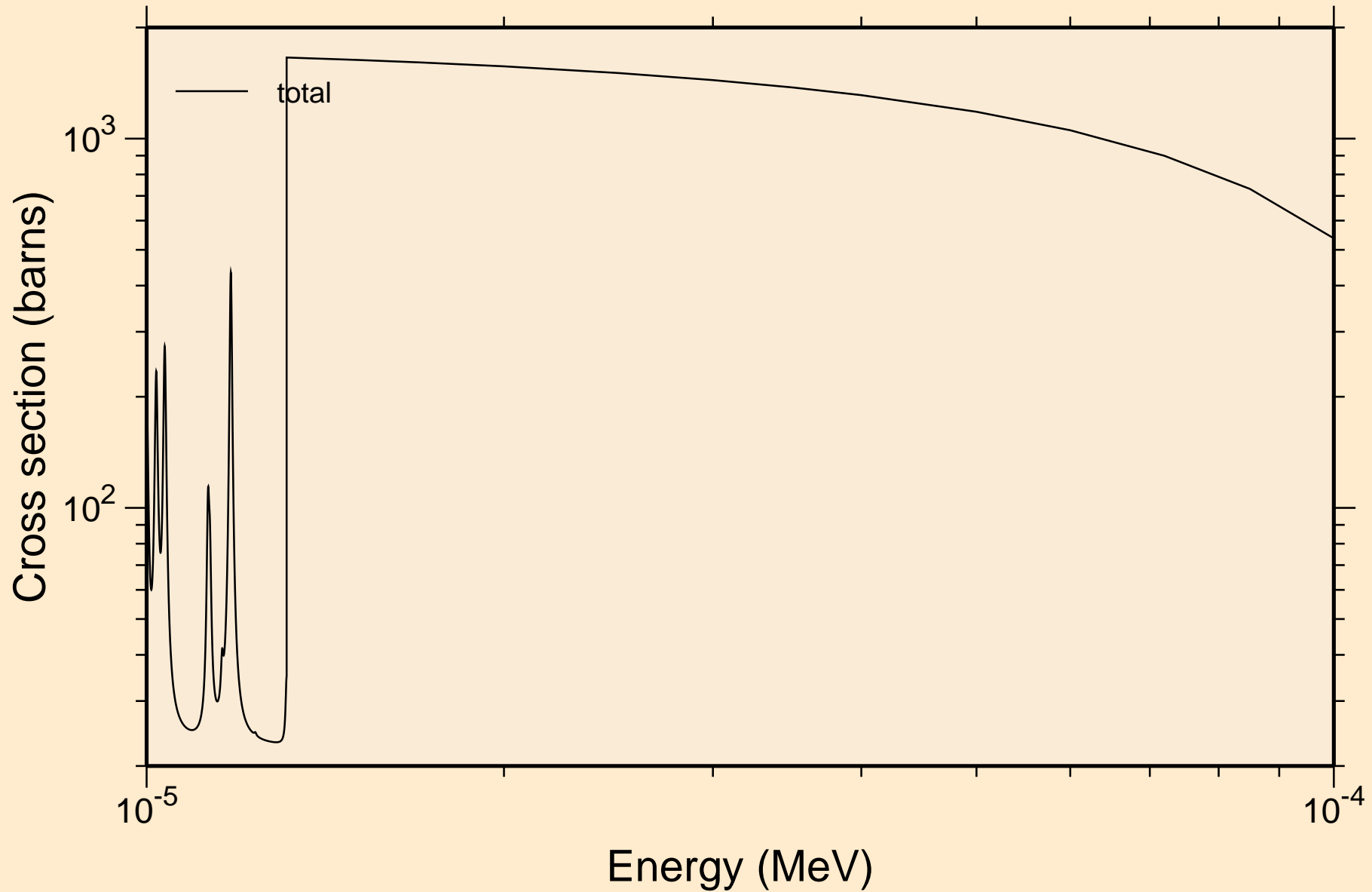
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



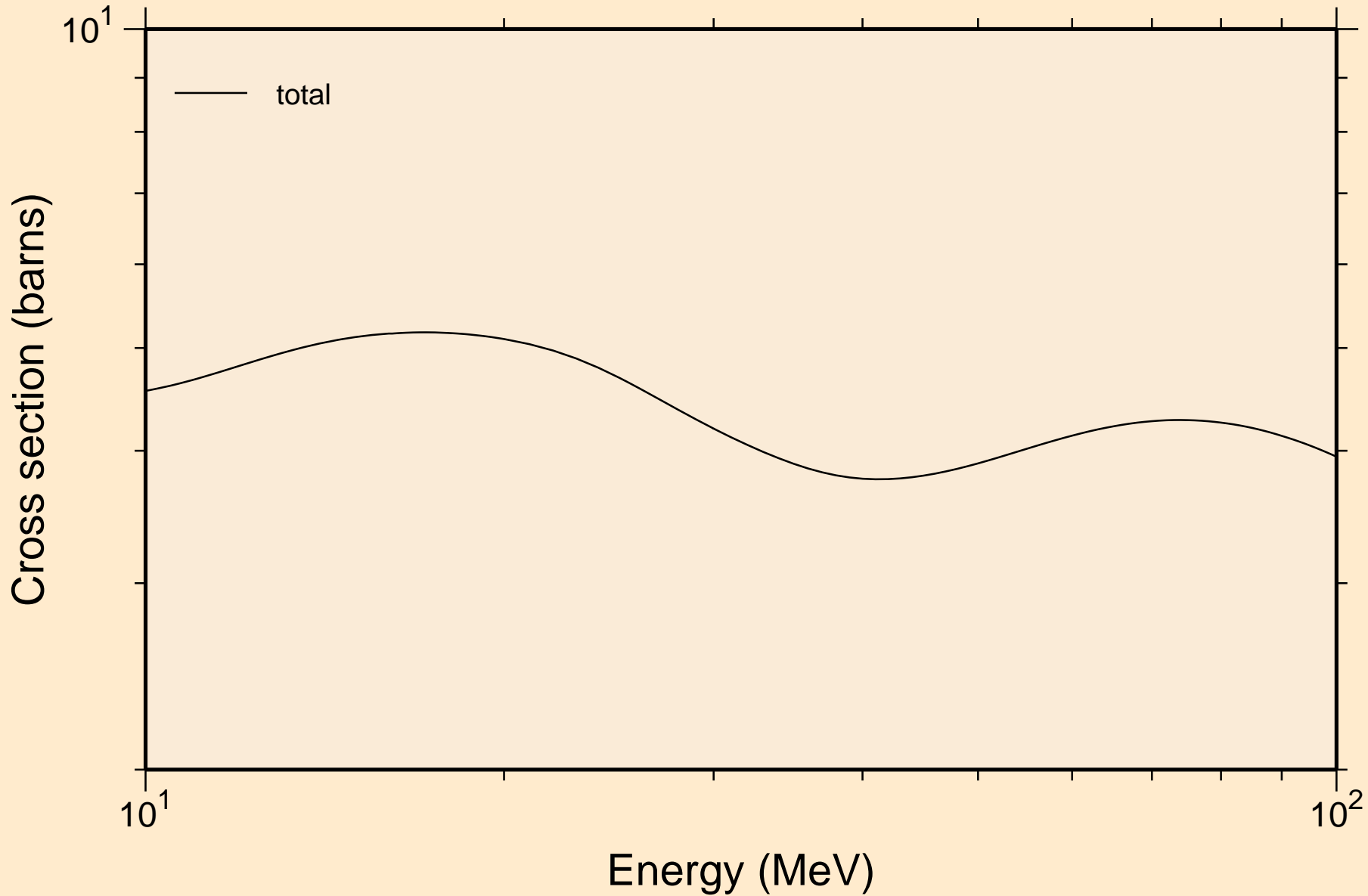
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



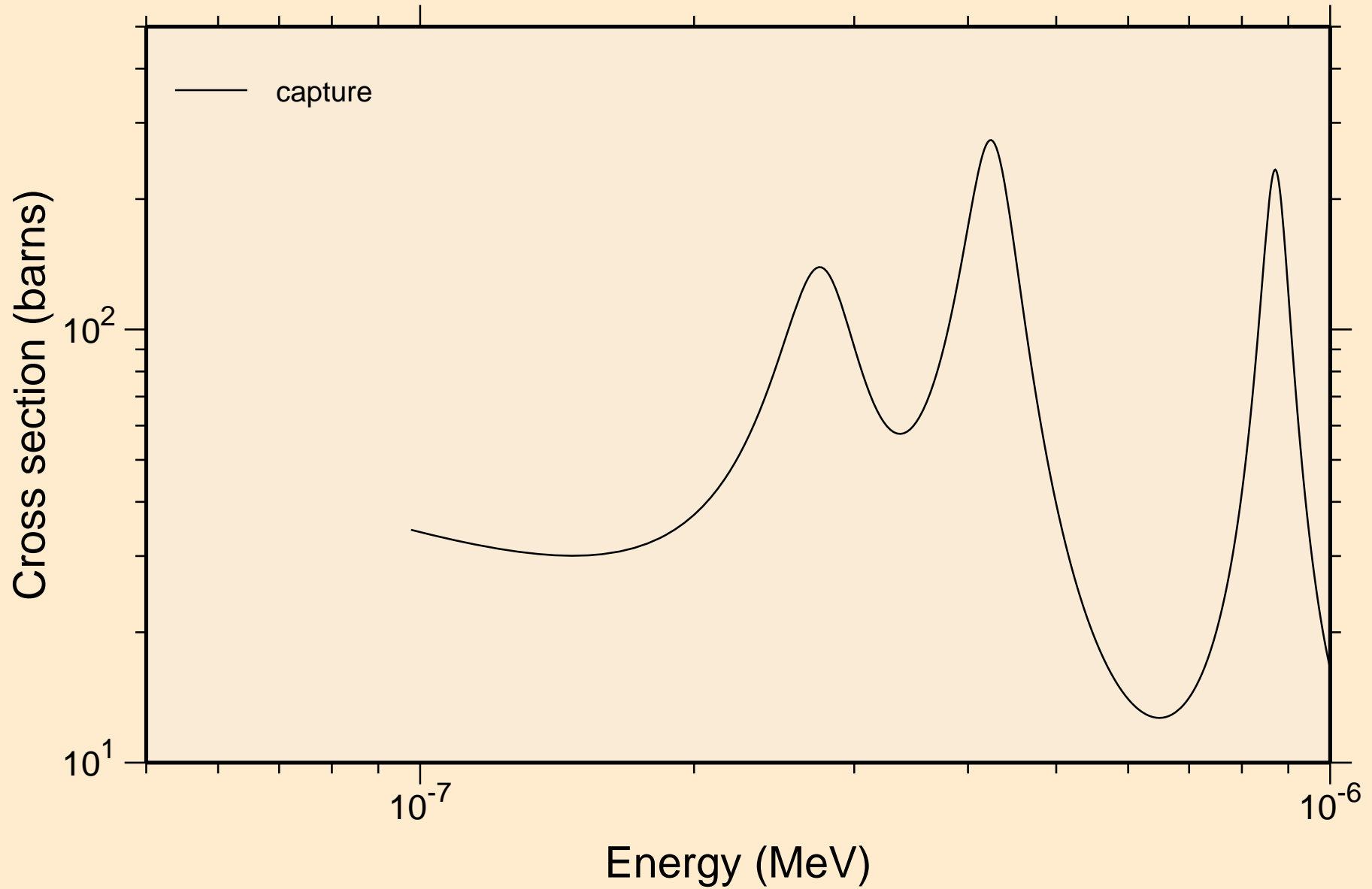
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



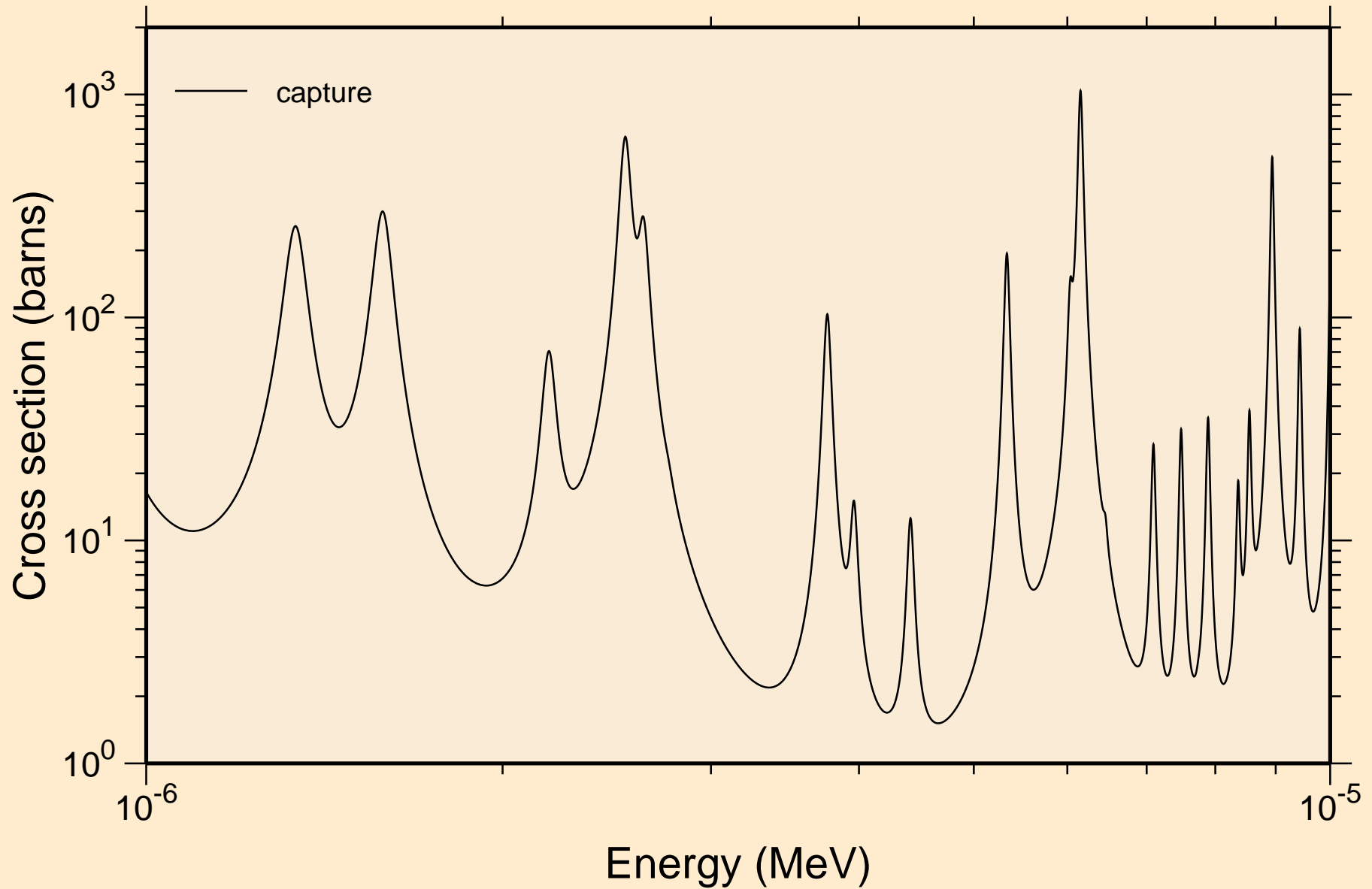
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



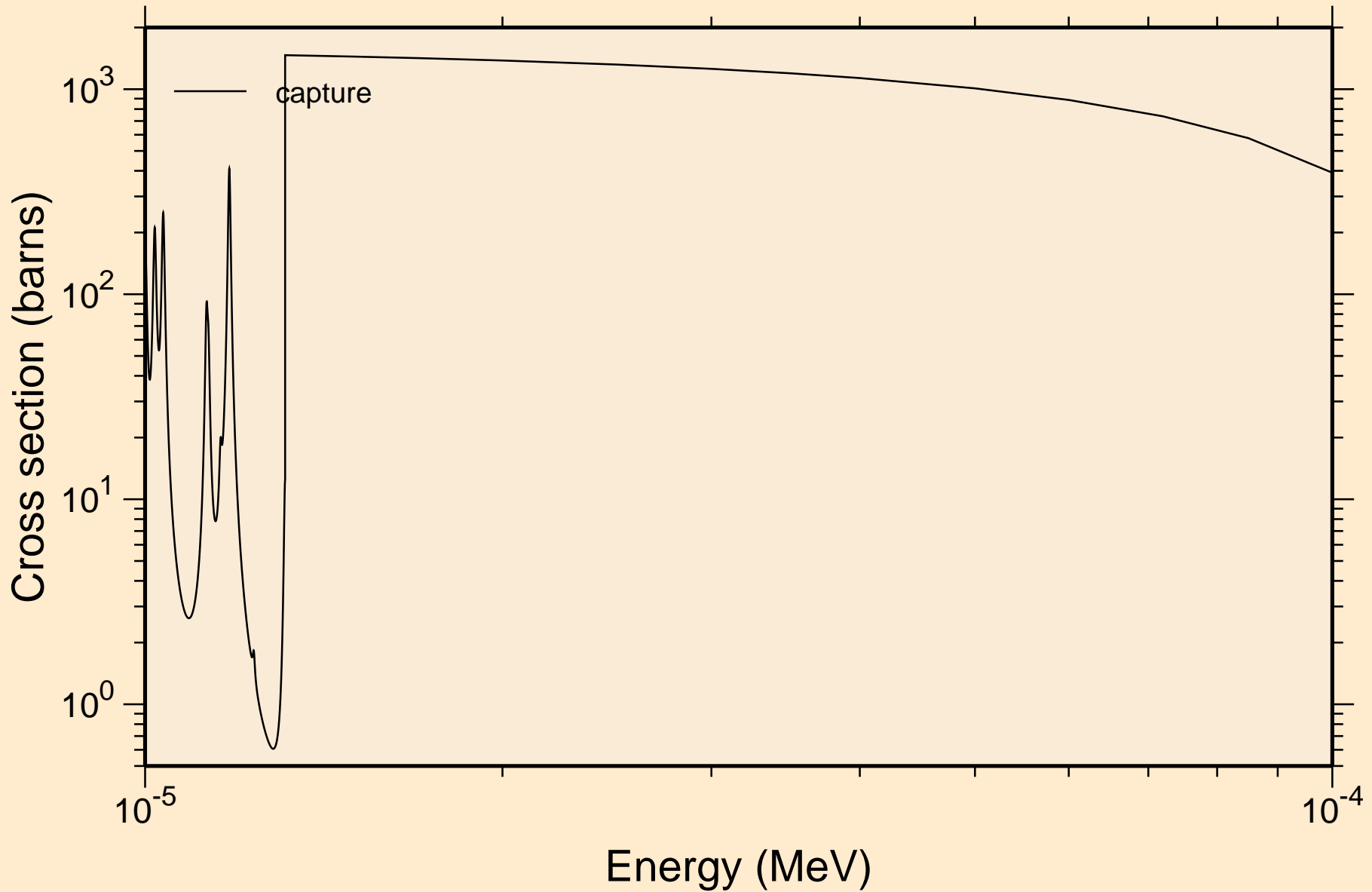
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

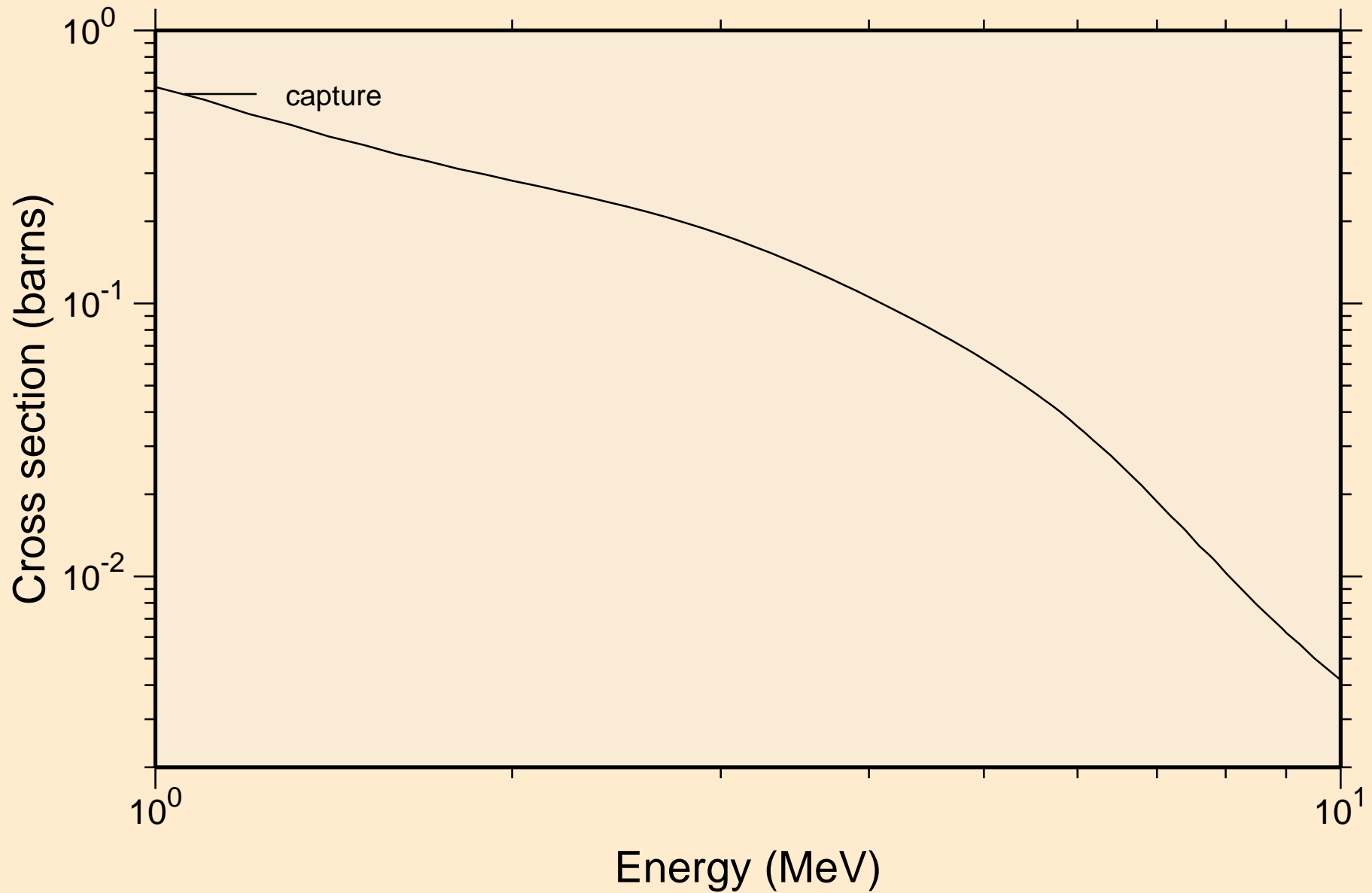


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



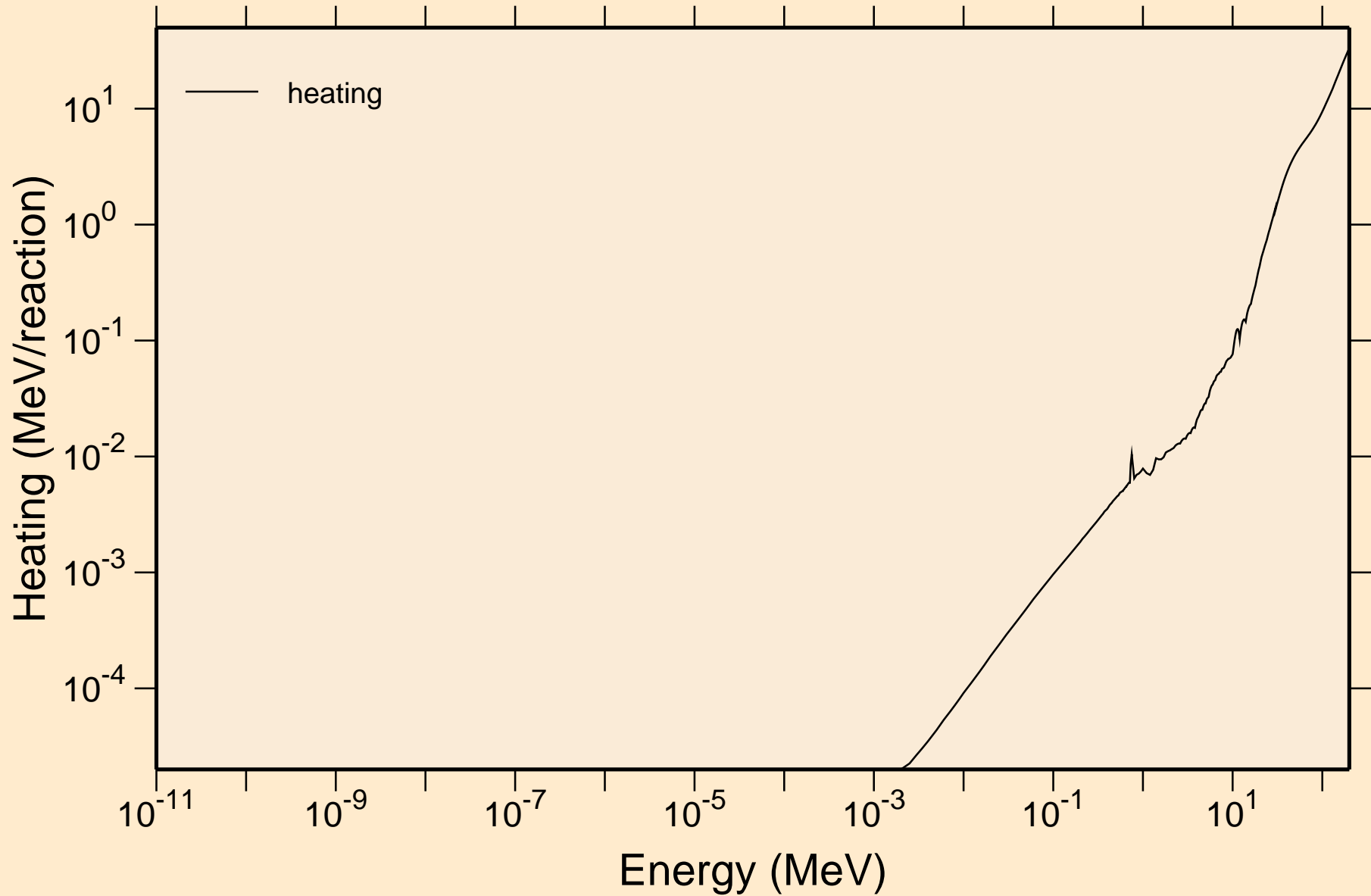


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



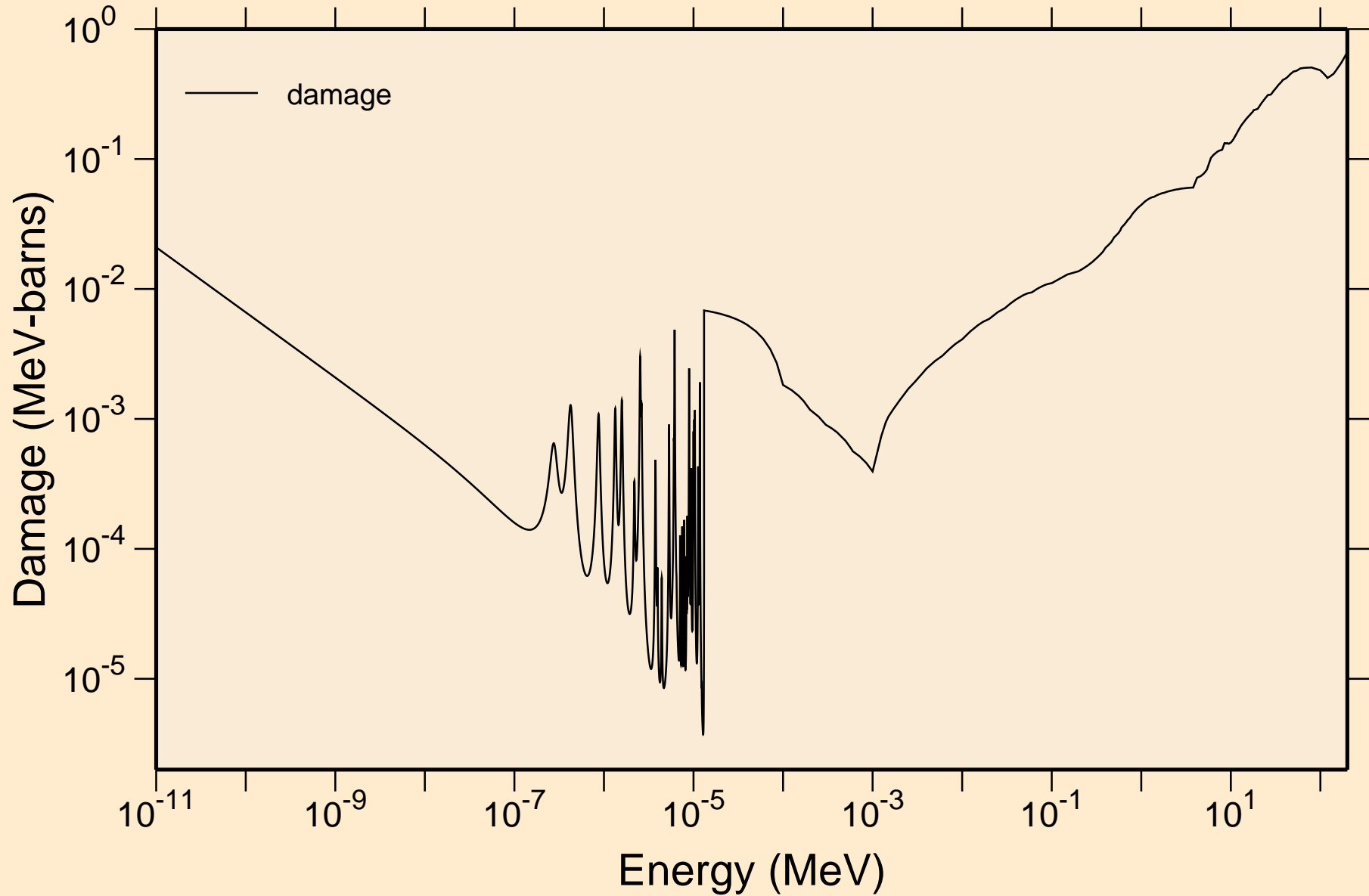
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



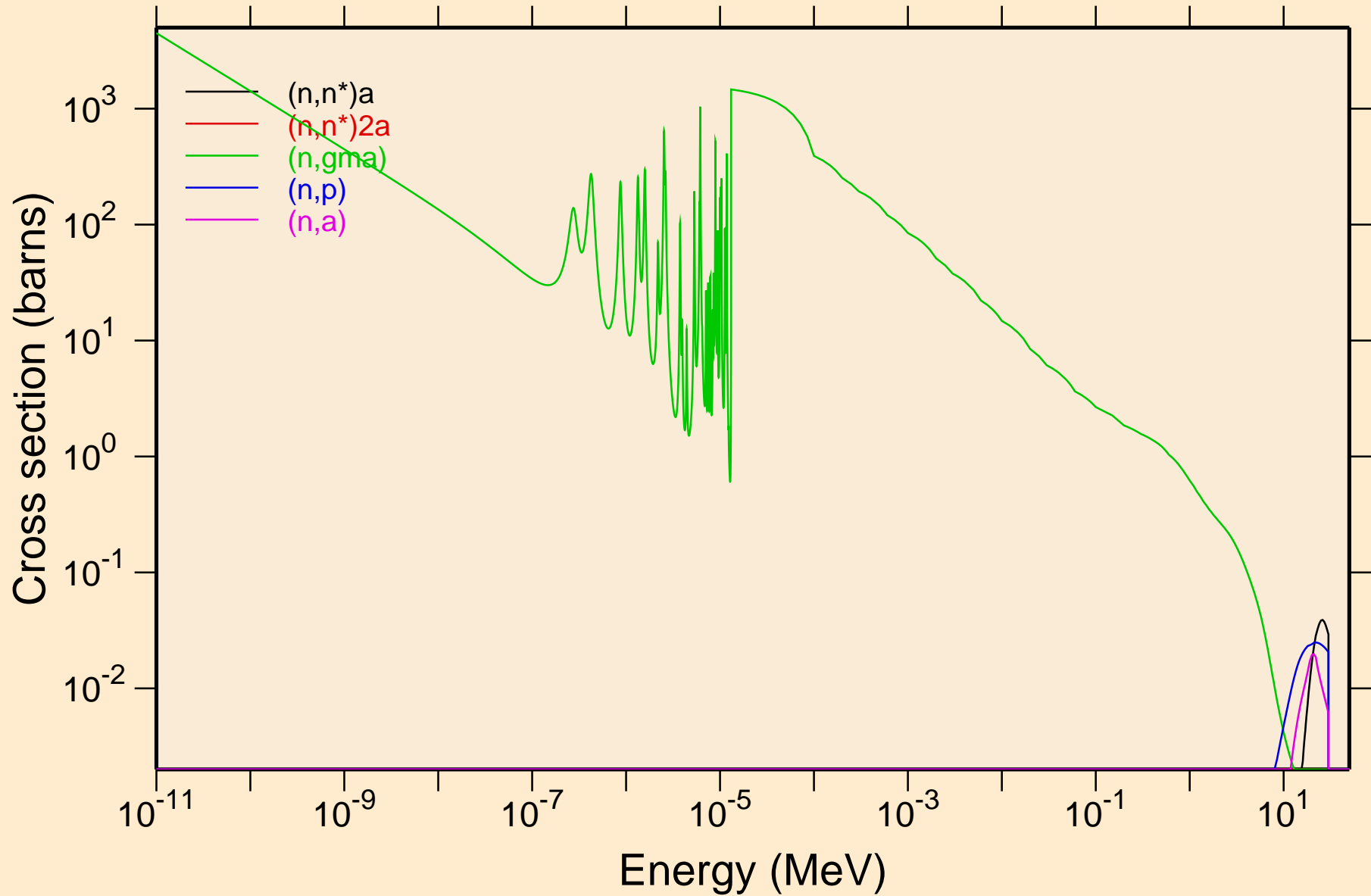
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



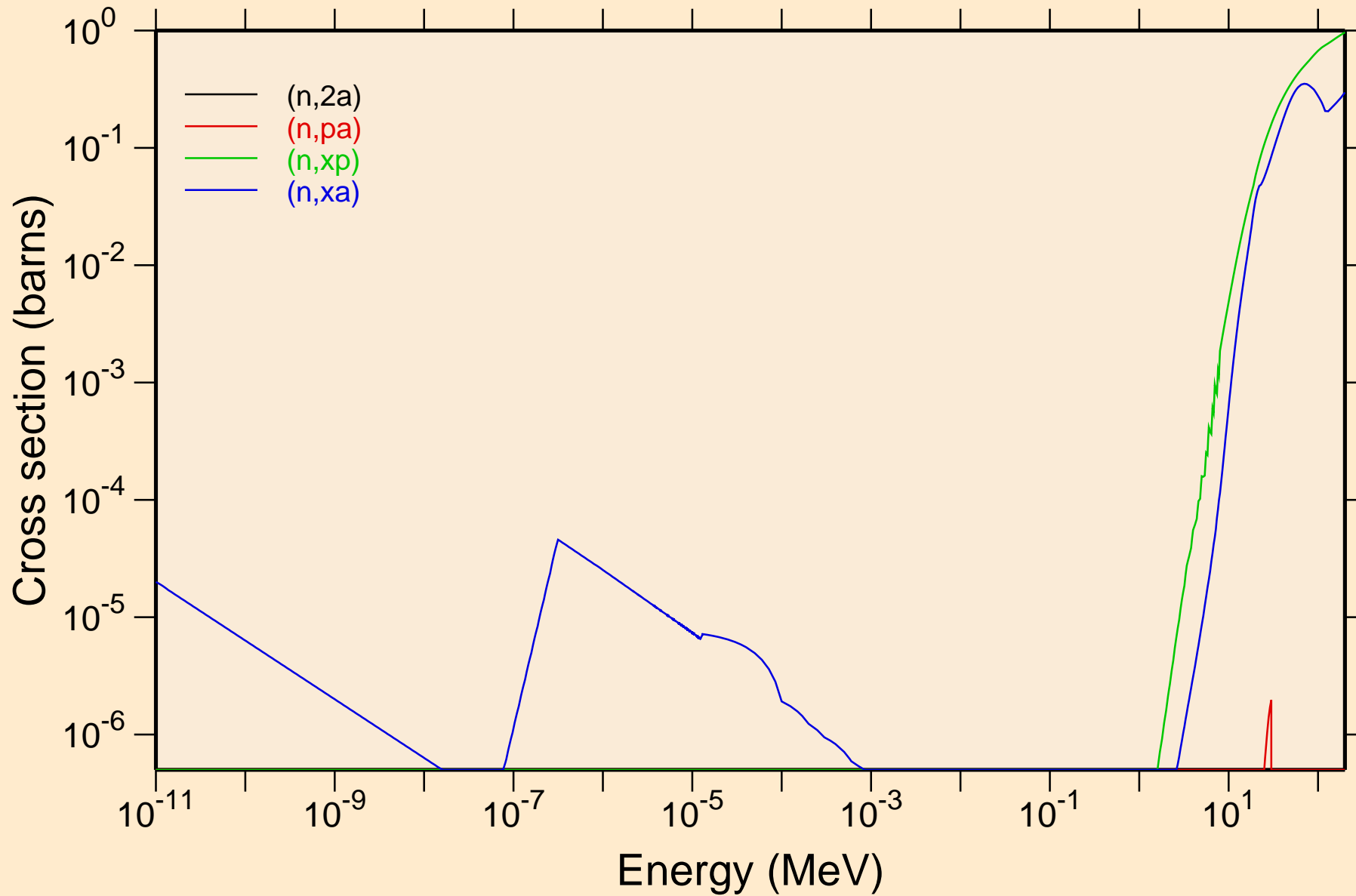
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



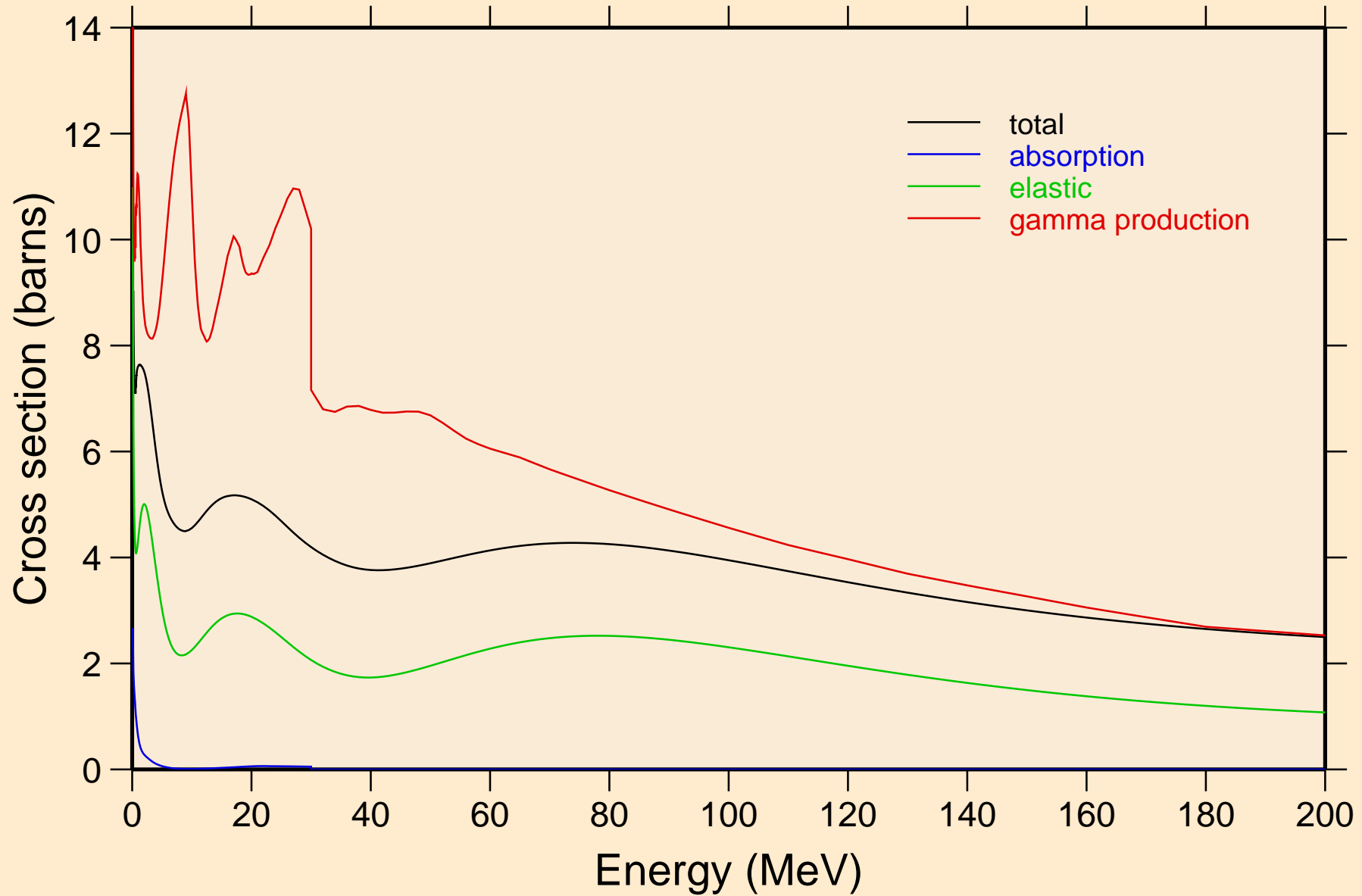
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



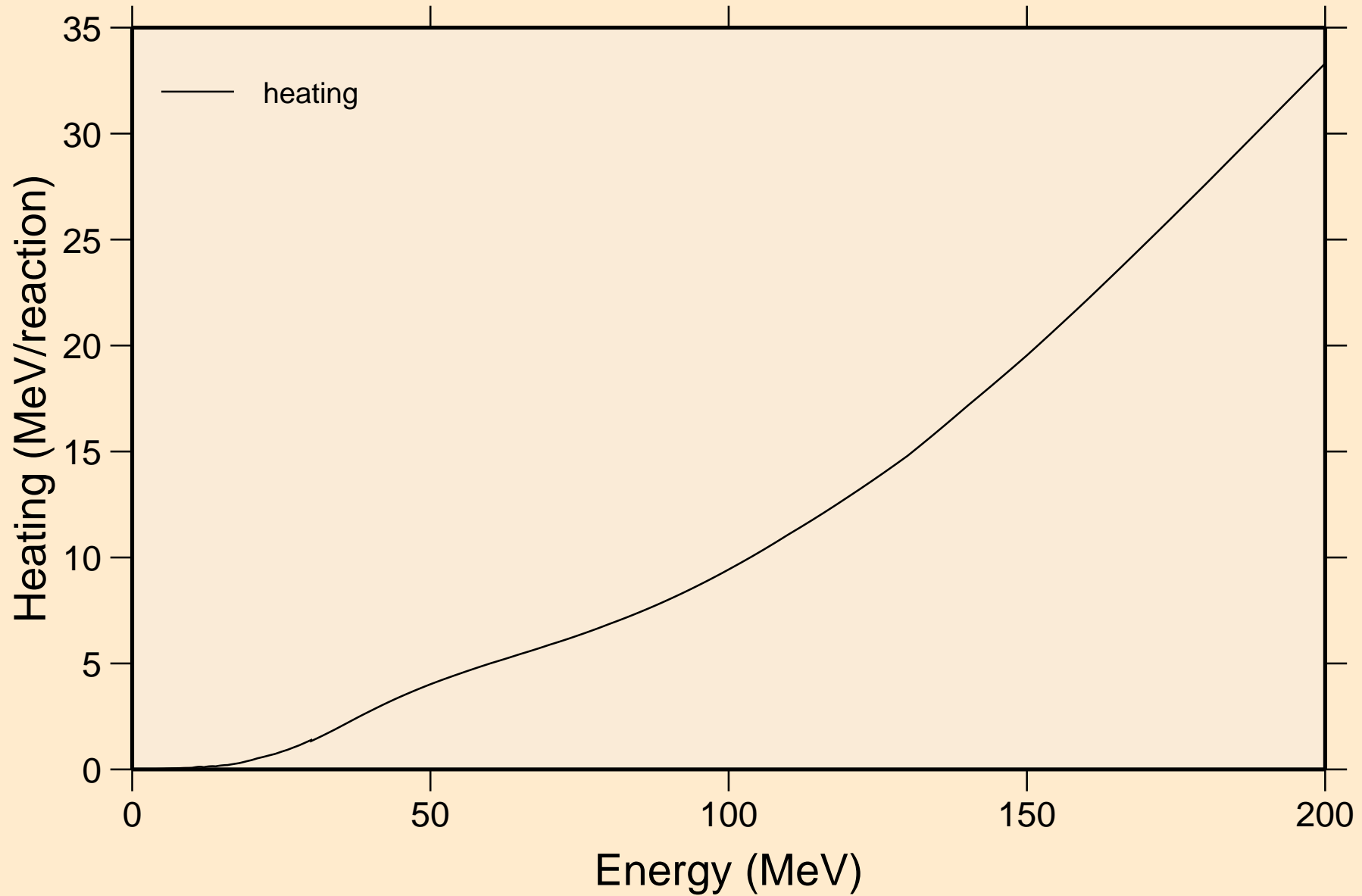
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



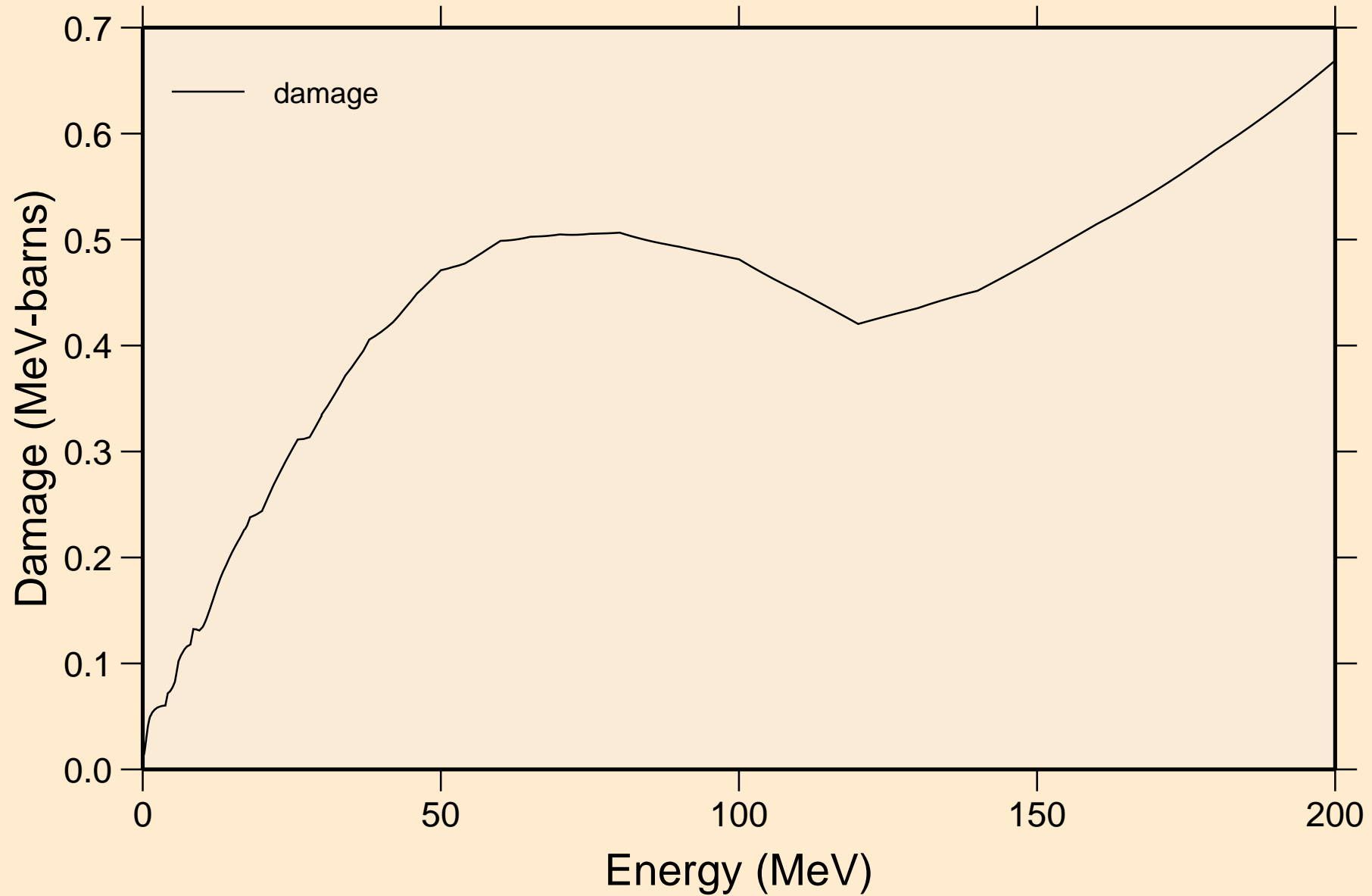
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

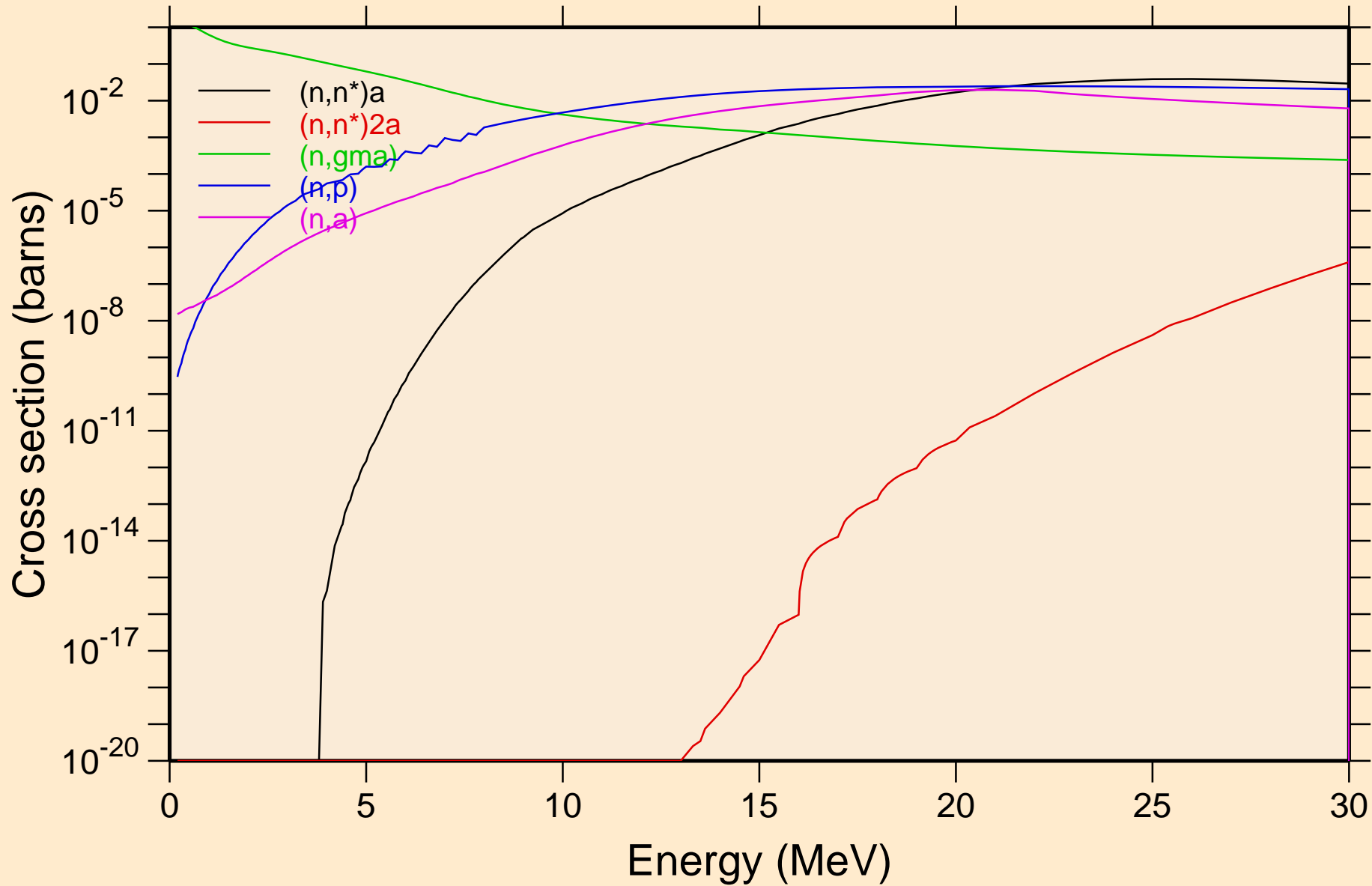
## Damage





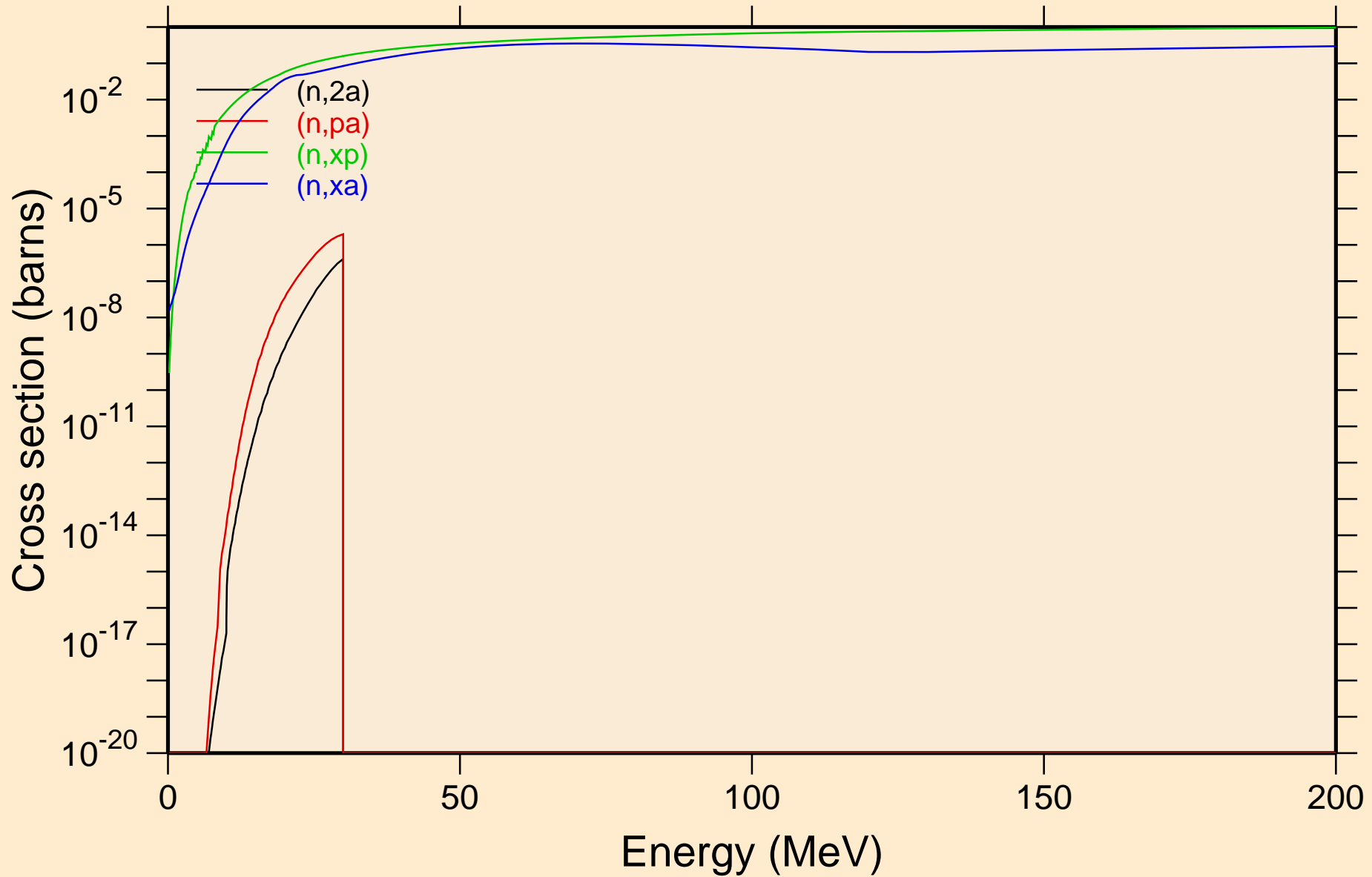
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## Non-threshold reactions

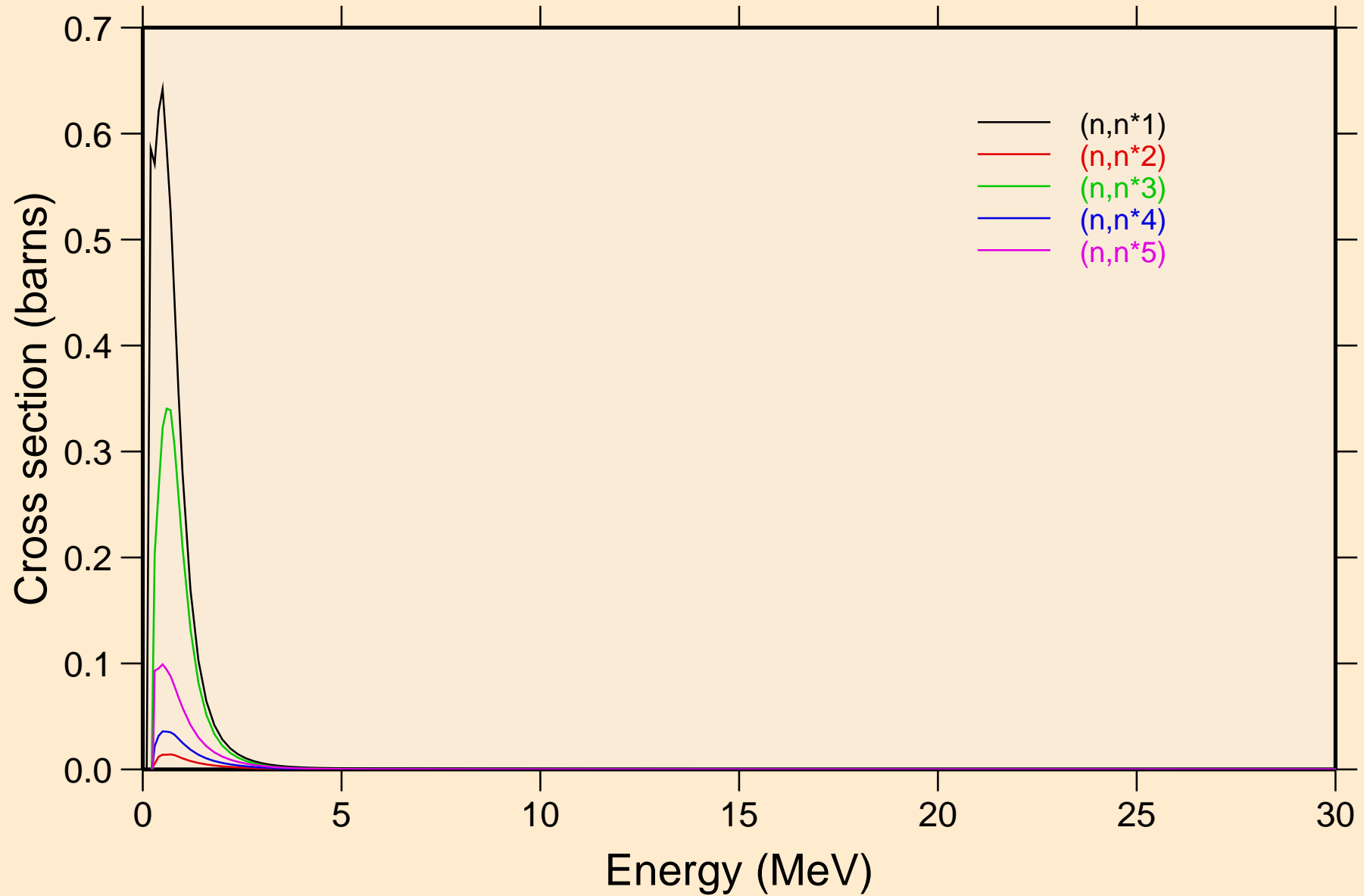


# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

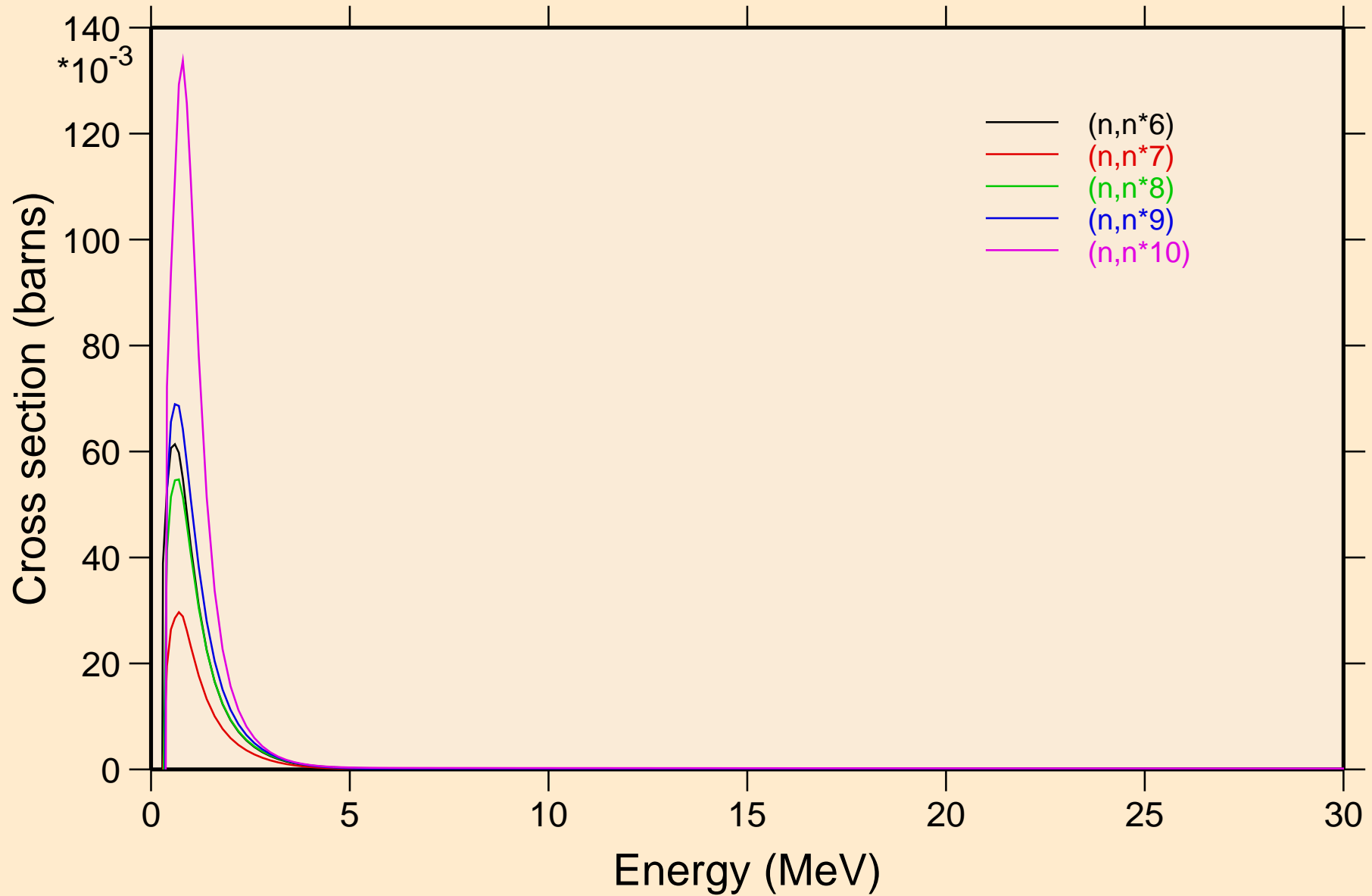
## Non-threshold reactions



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

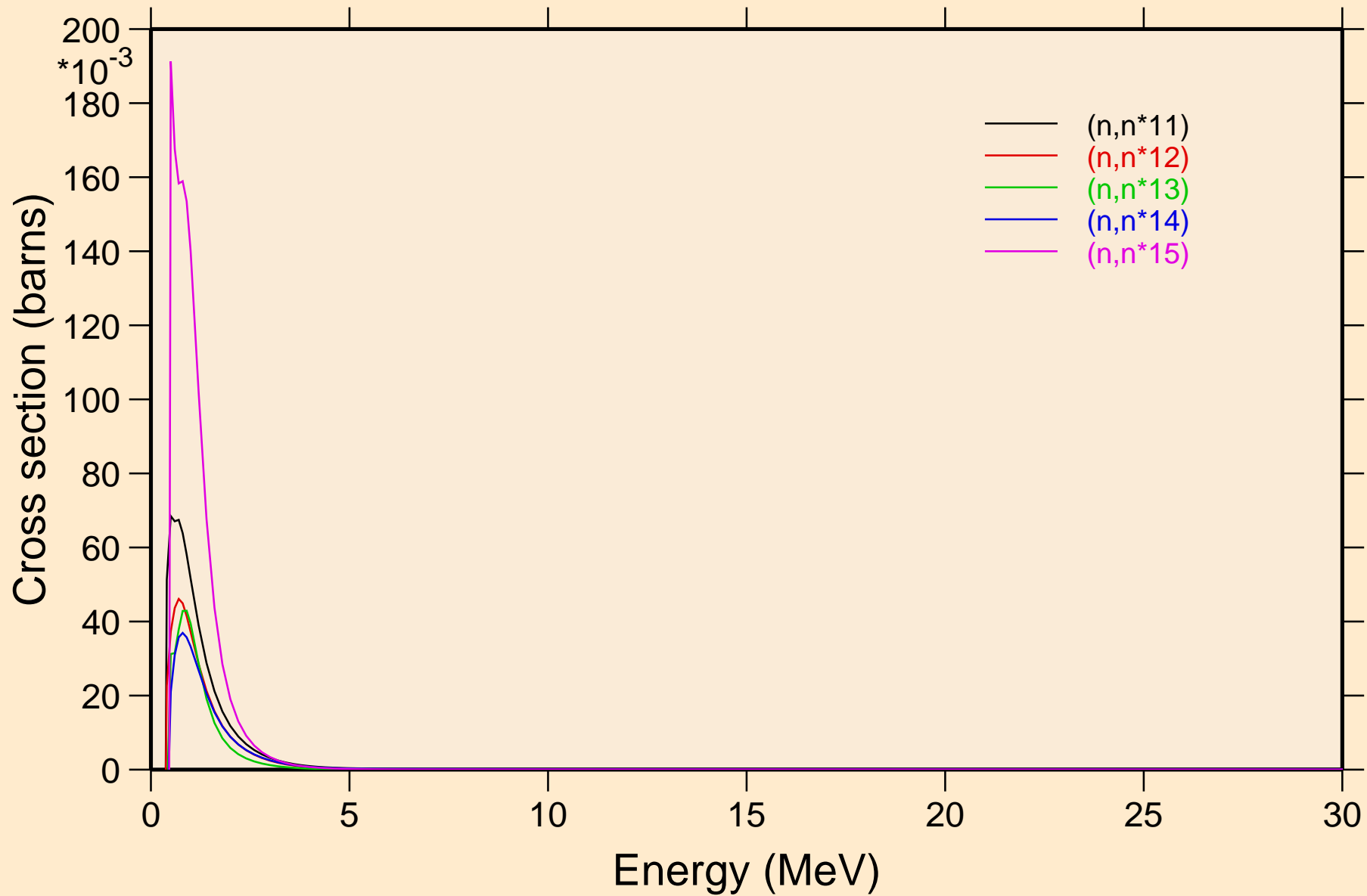


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



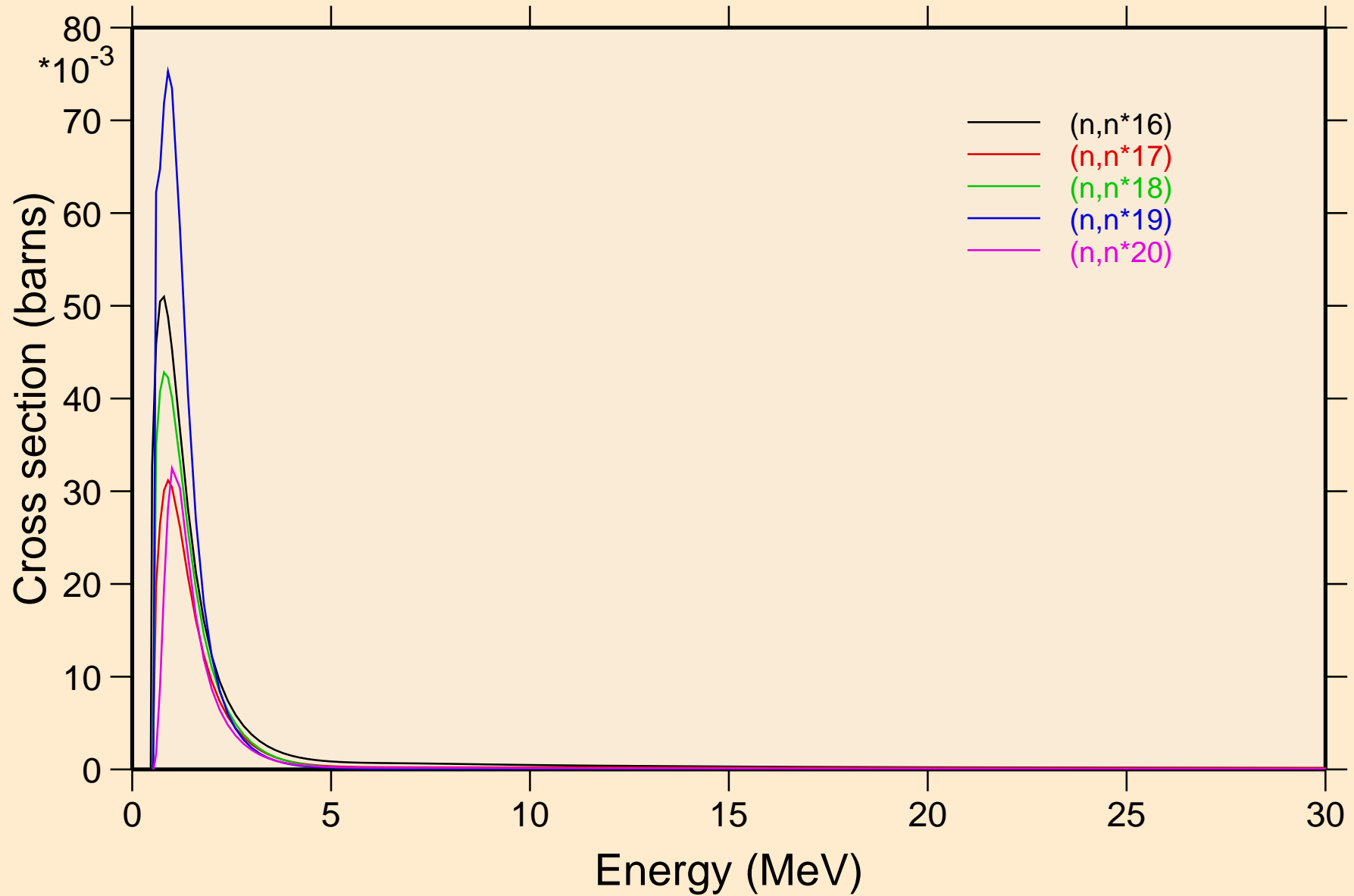
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



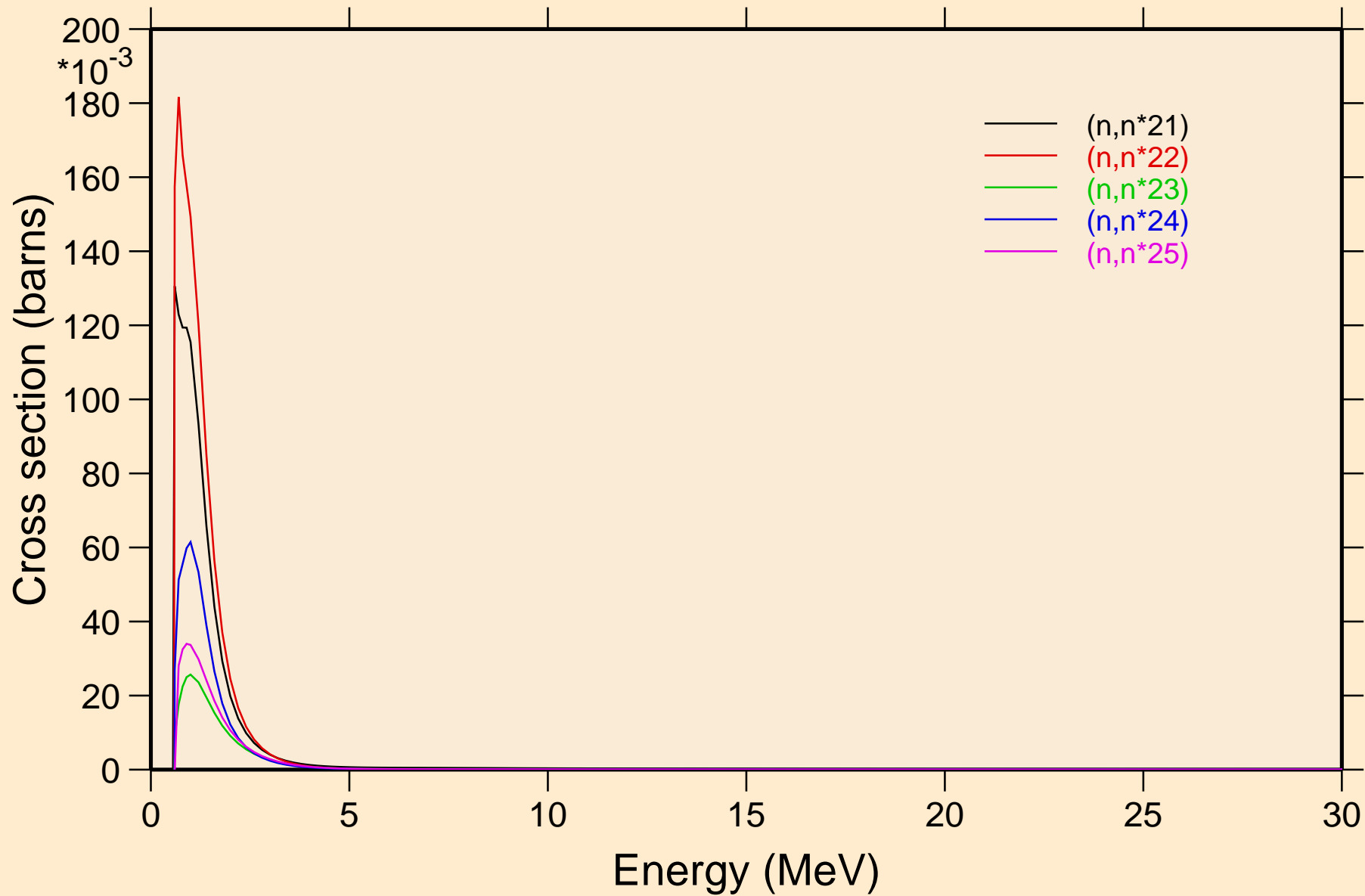
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



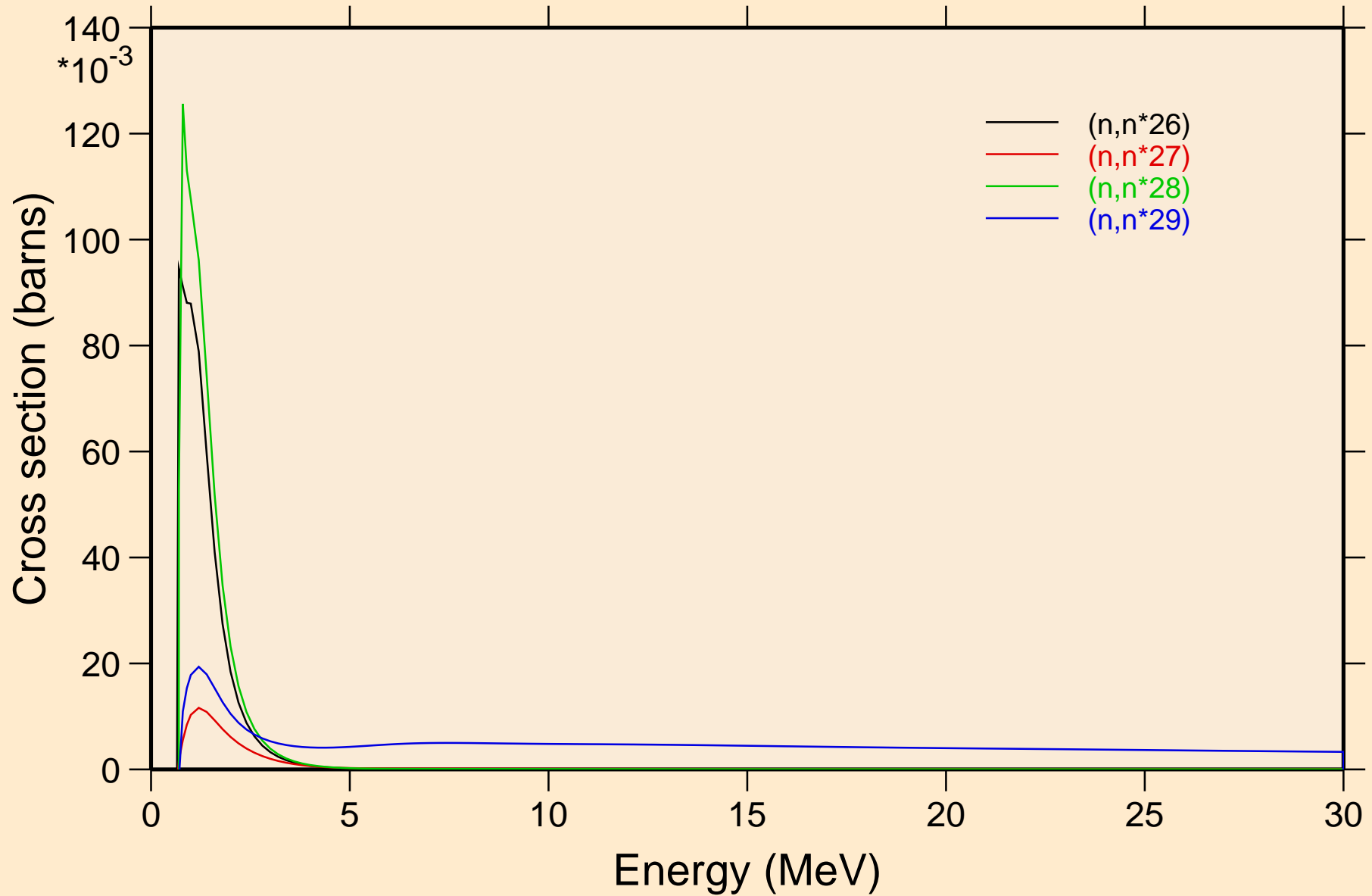
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

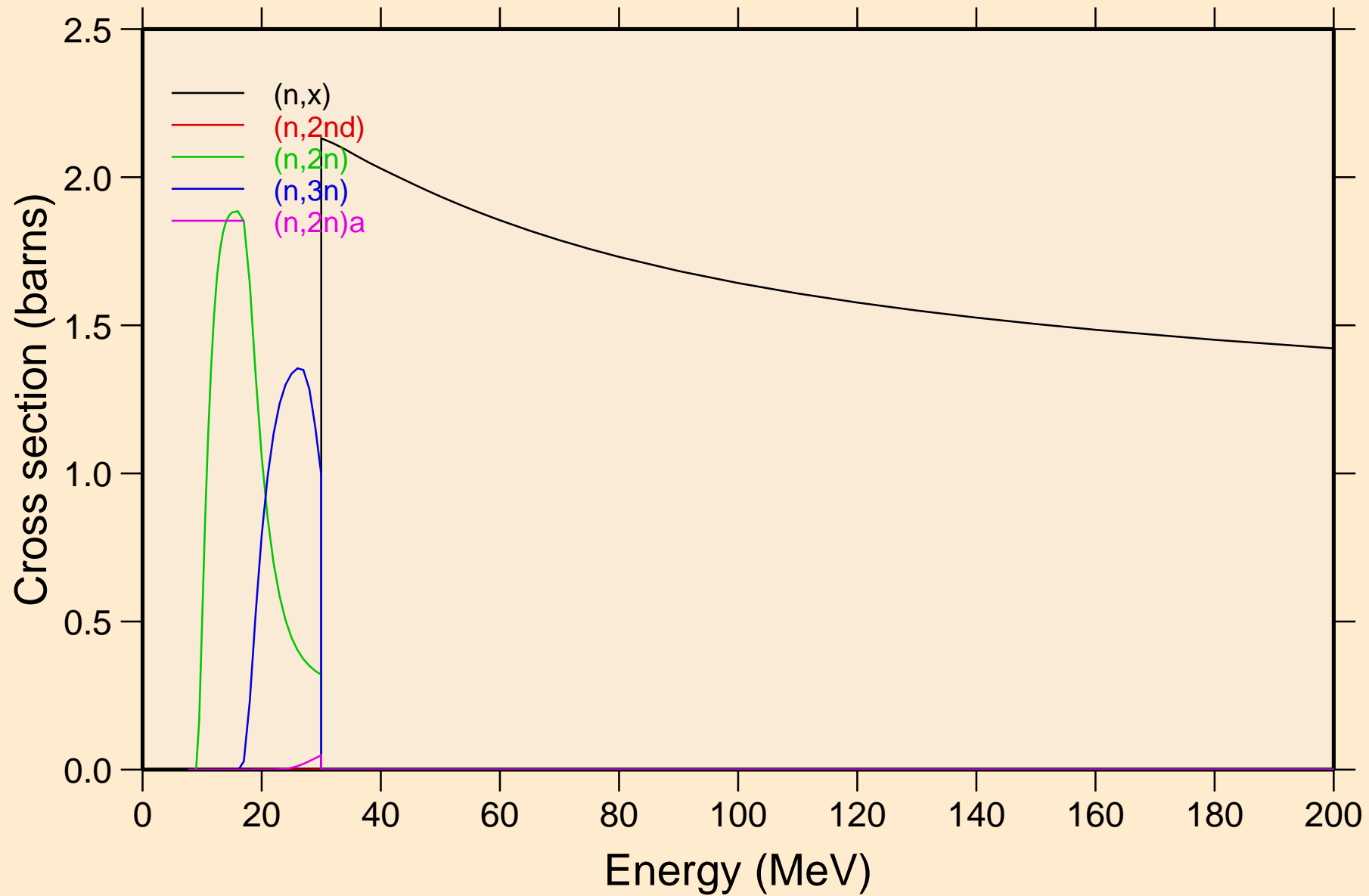
## Inelastic levels





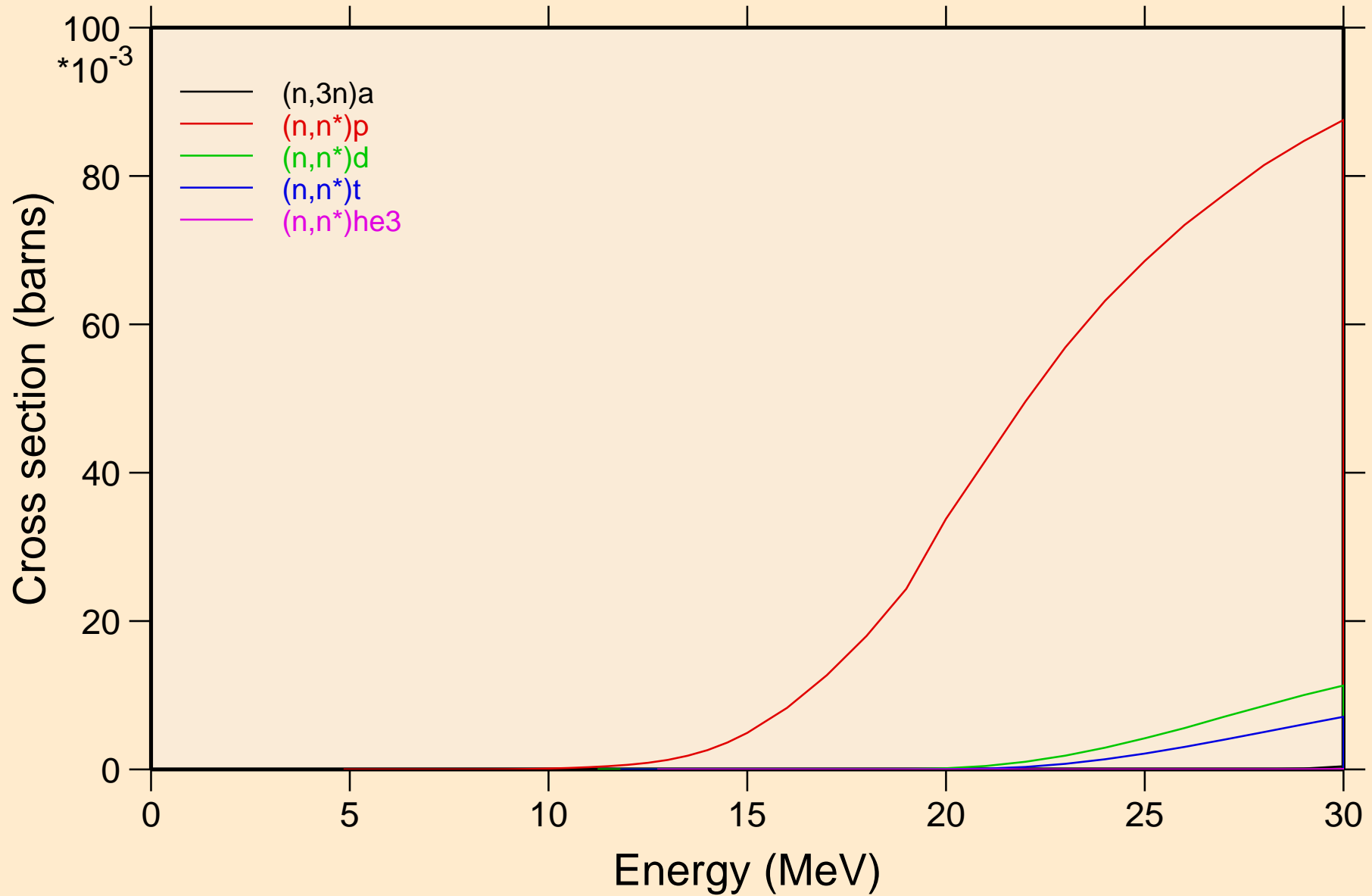
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



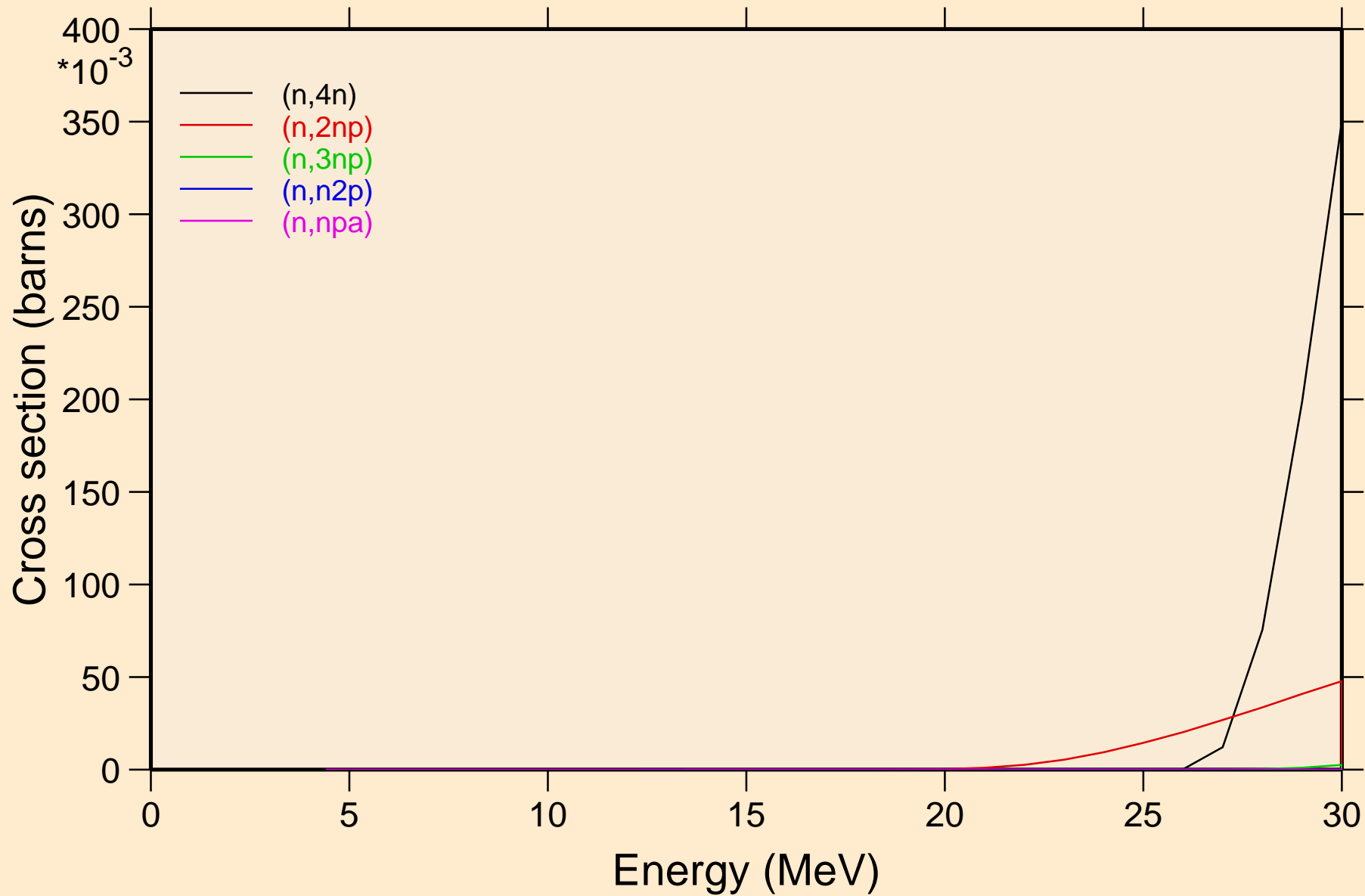
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



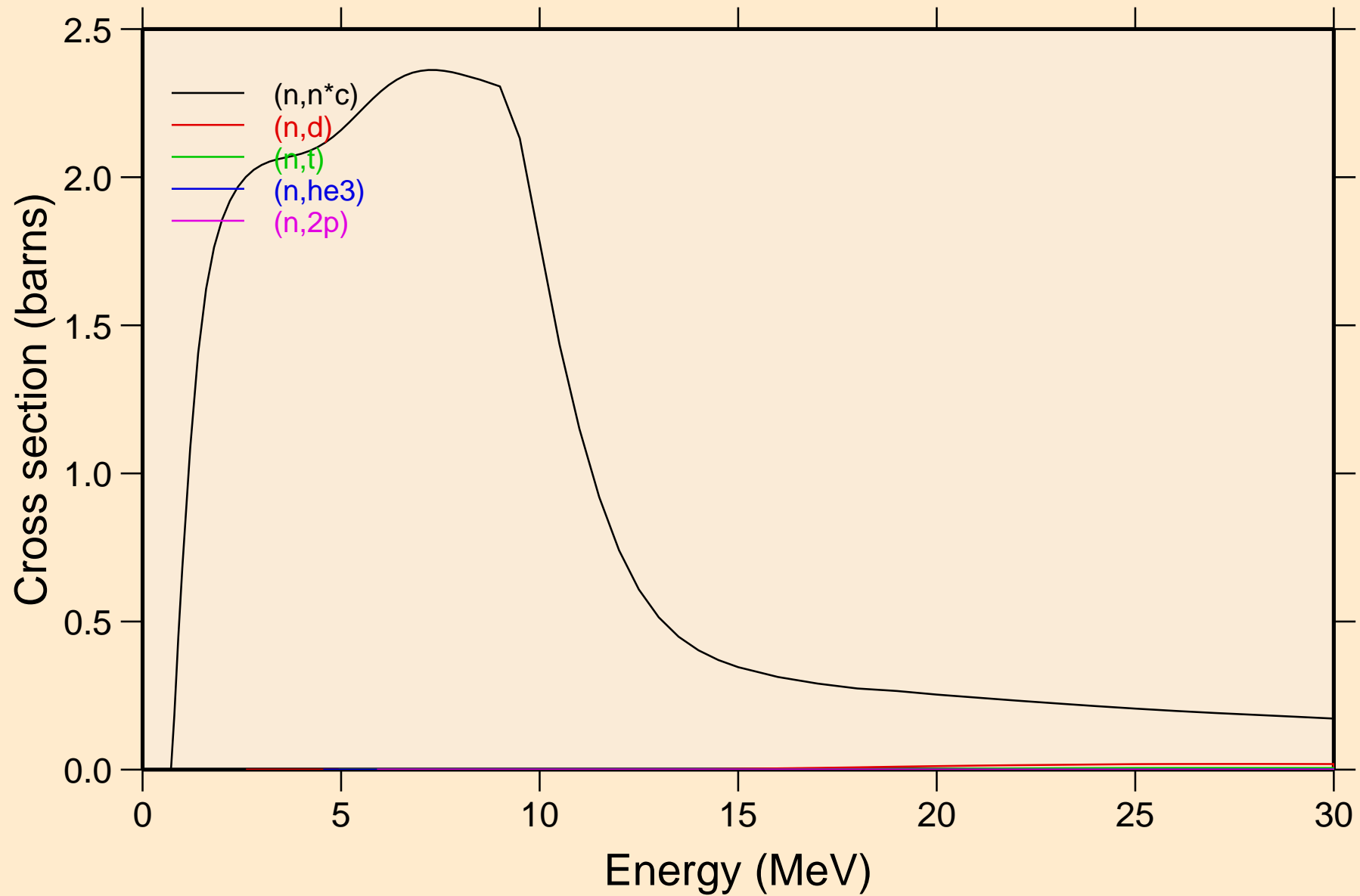
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



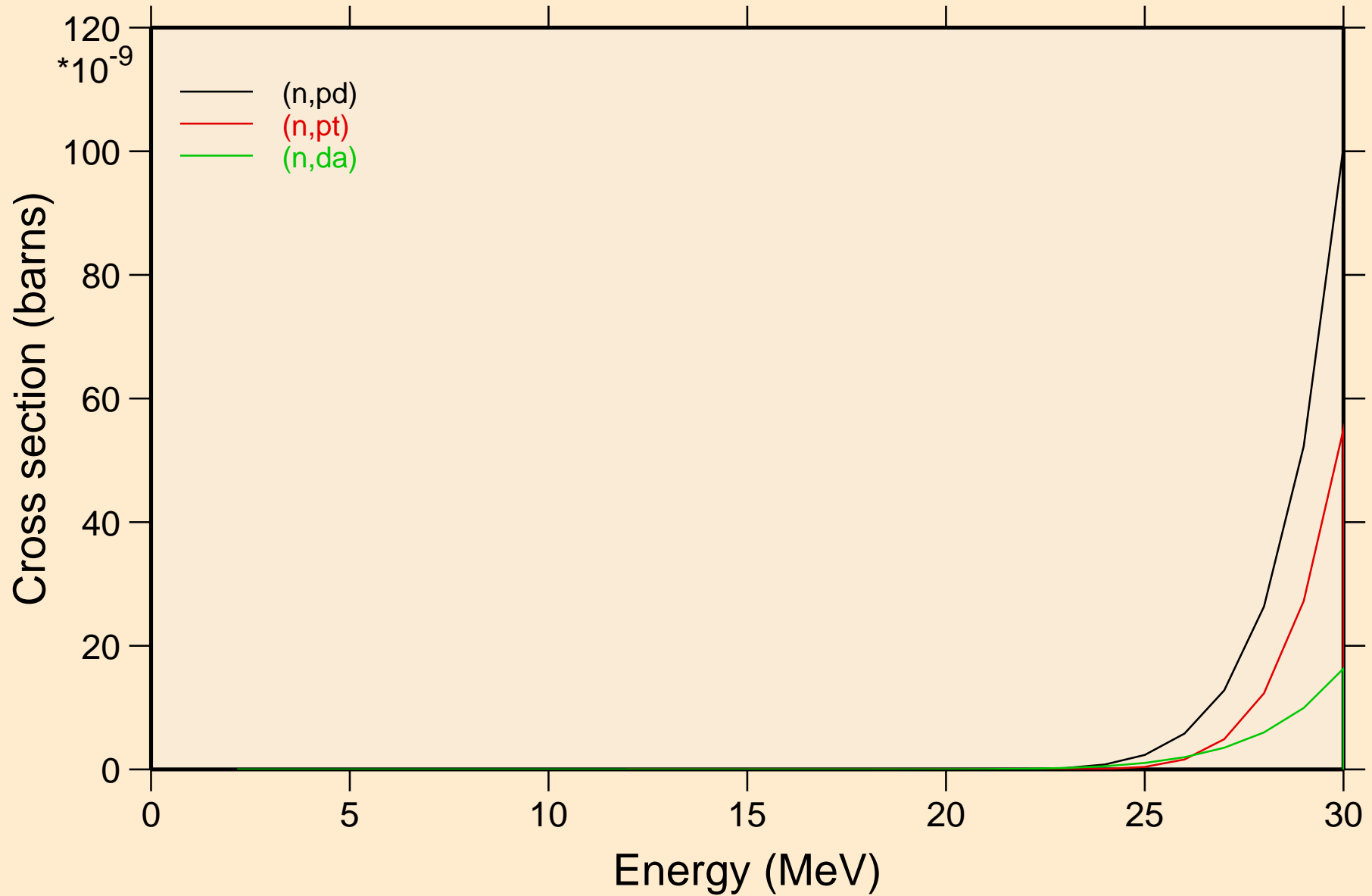
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



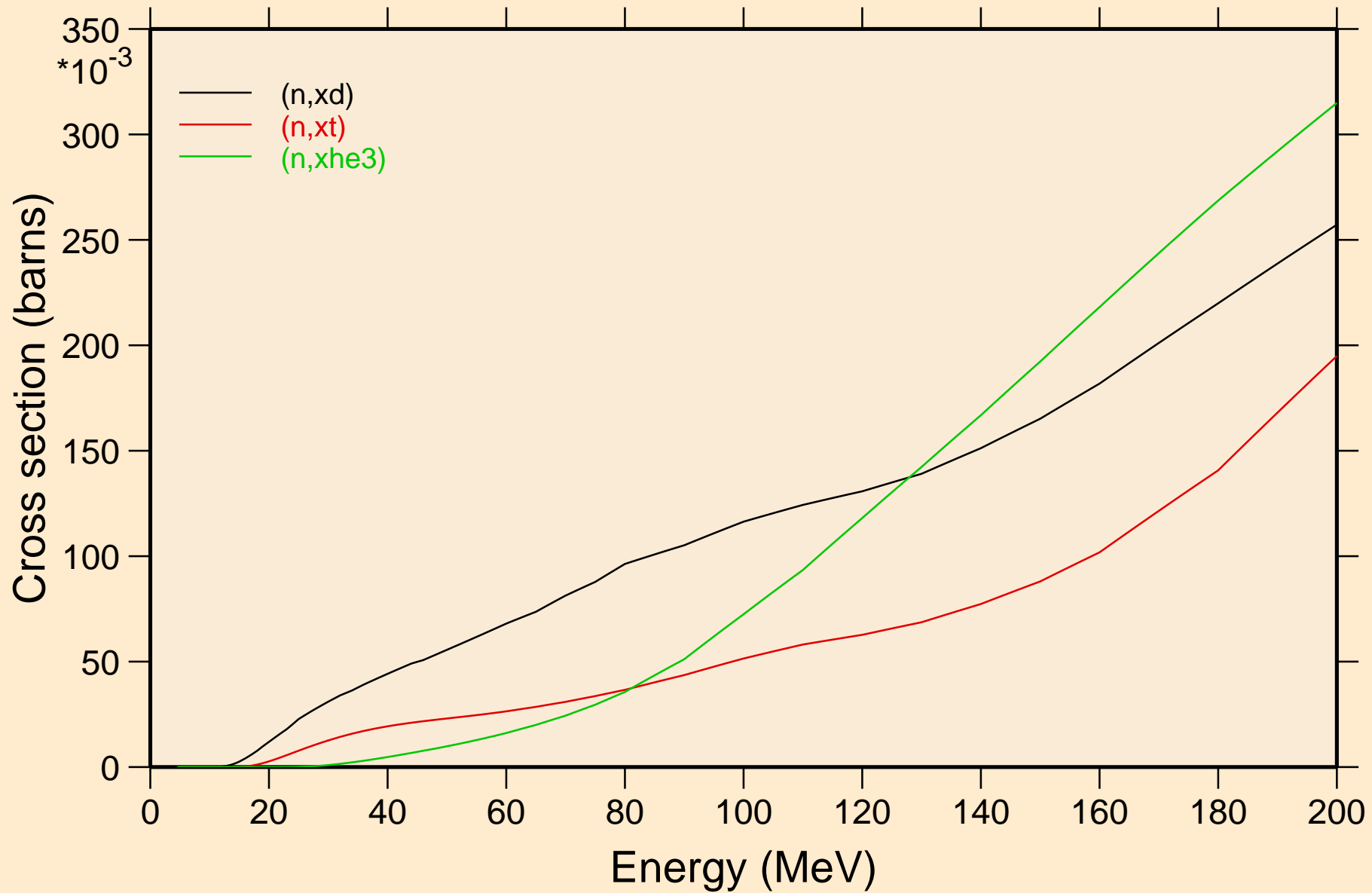
# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

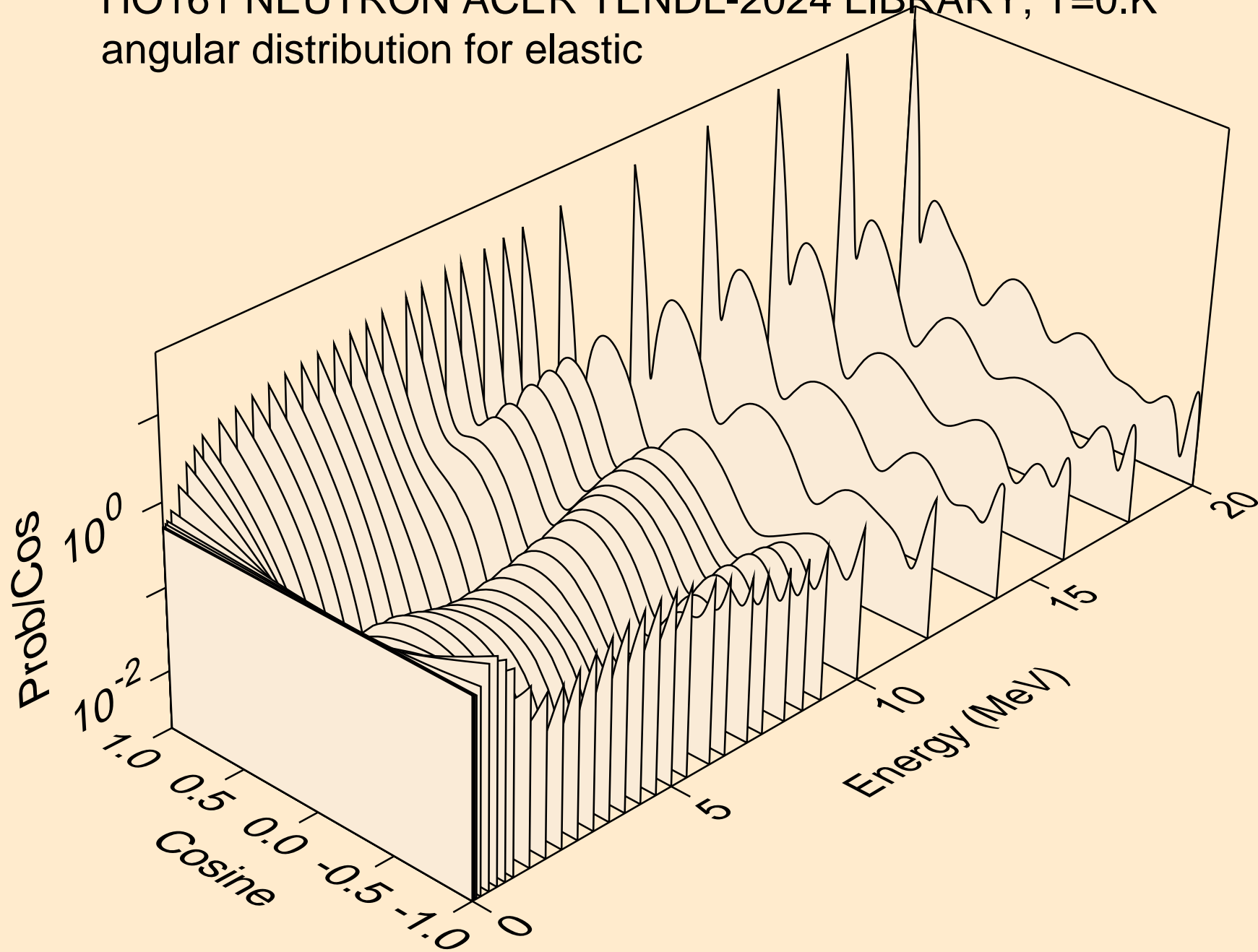


# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

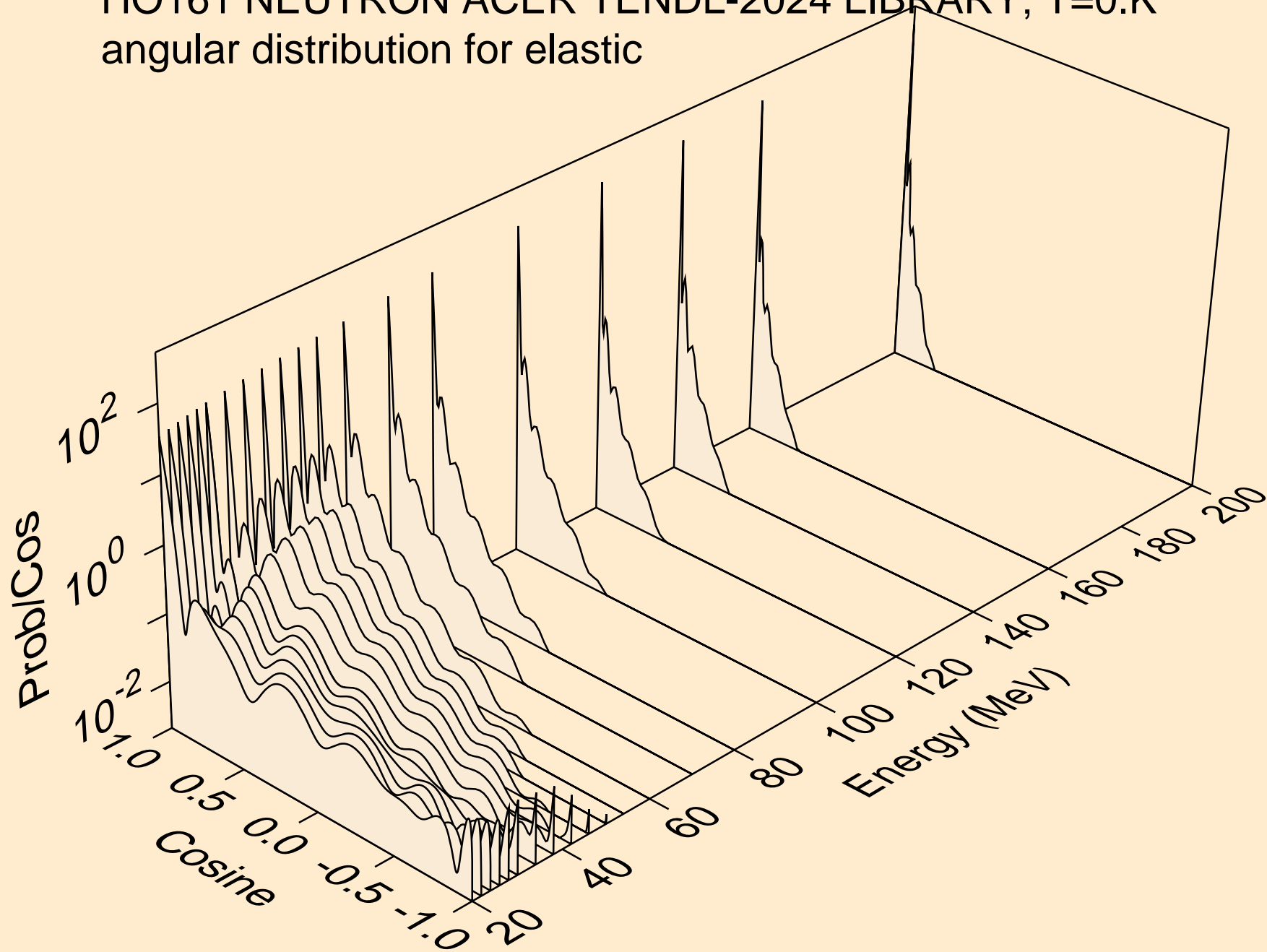
## Threshold reactions



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

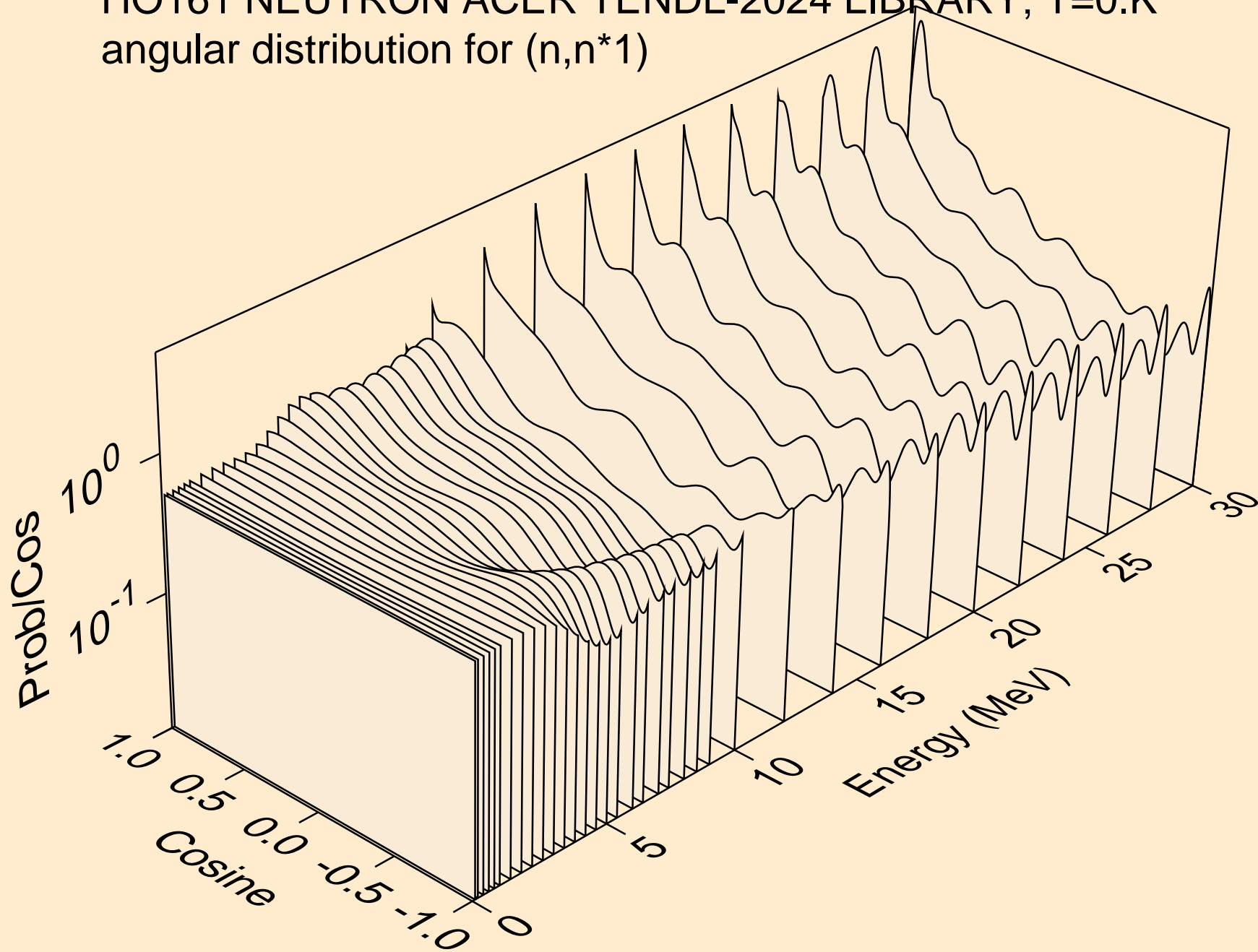


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

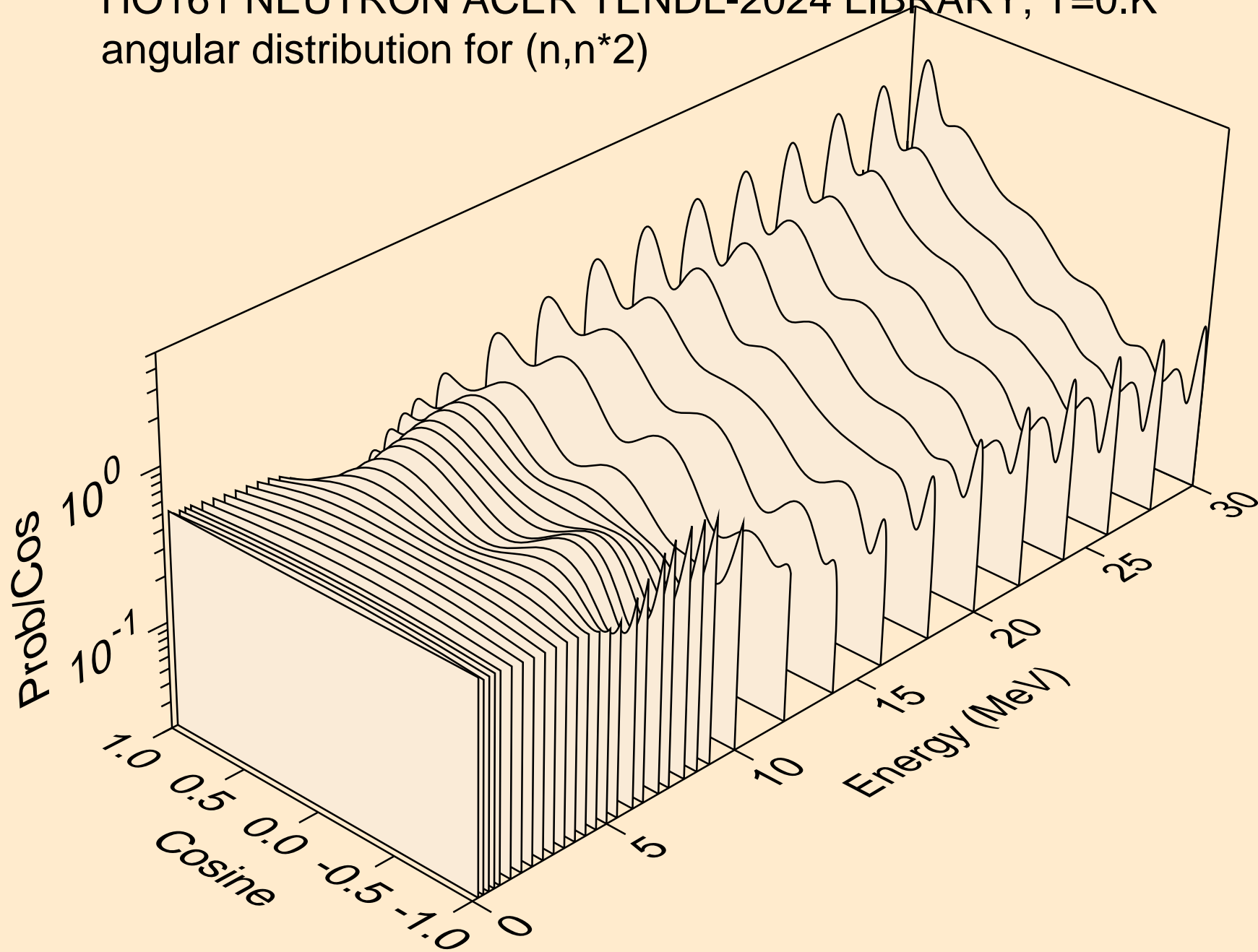




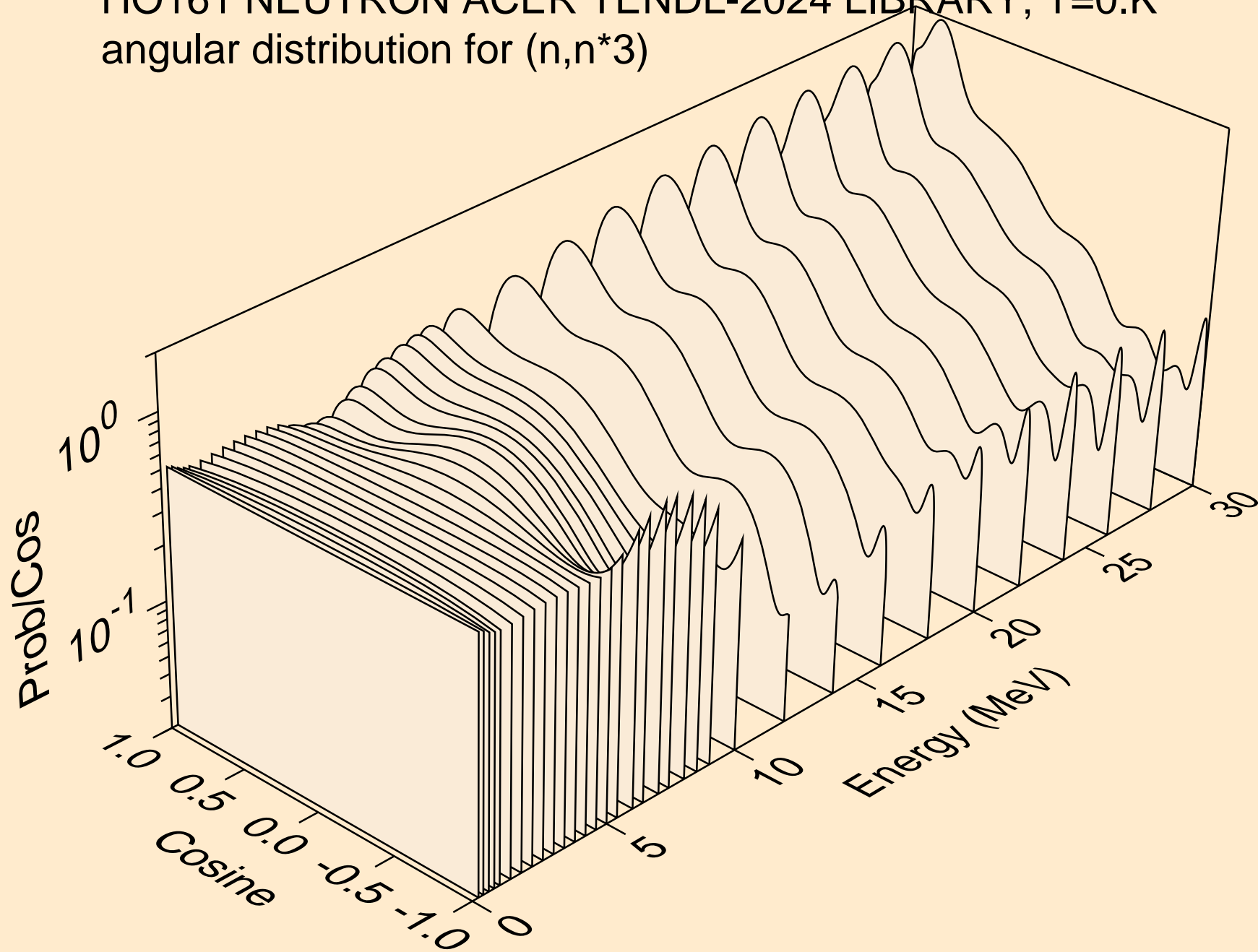
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



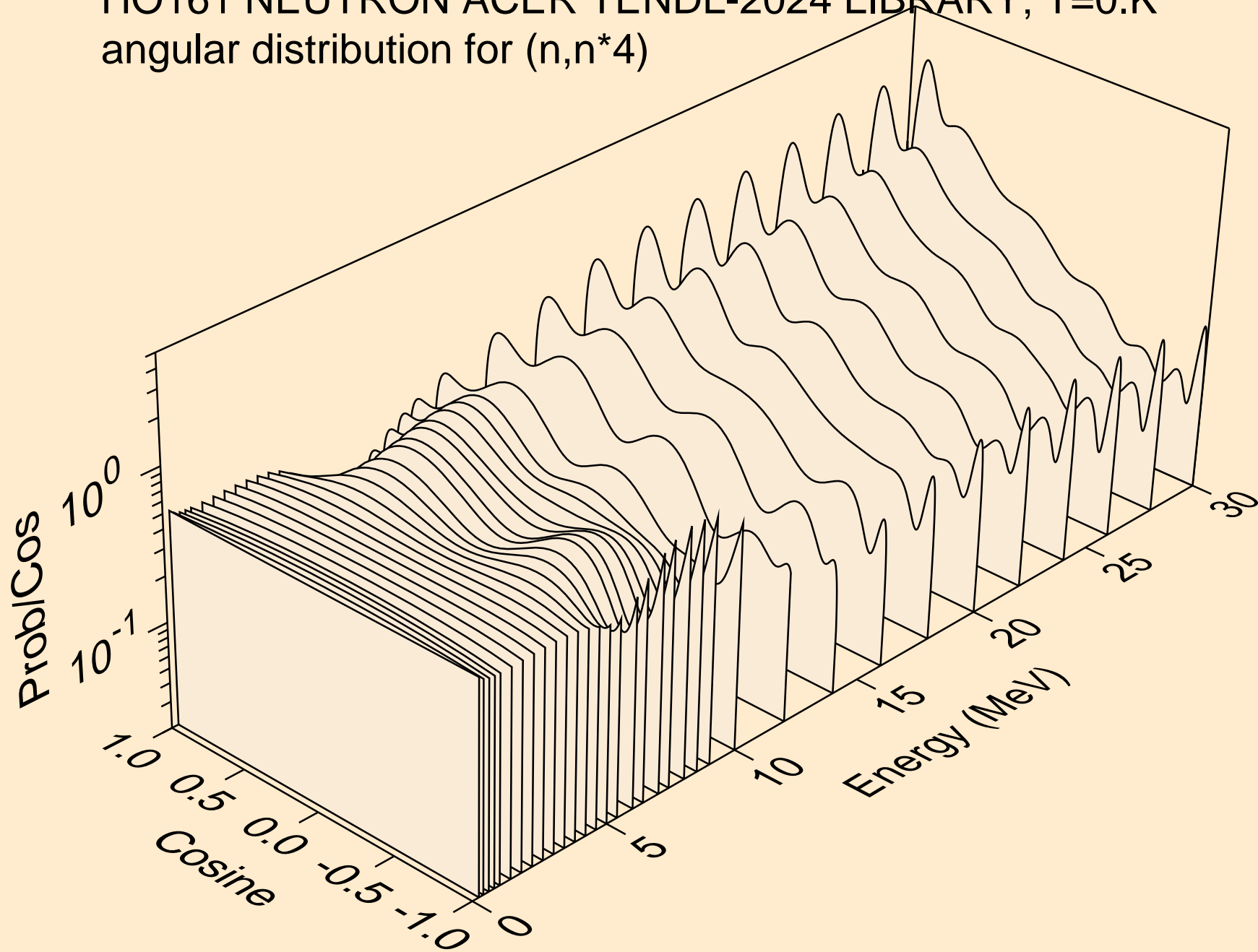
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



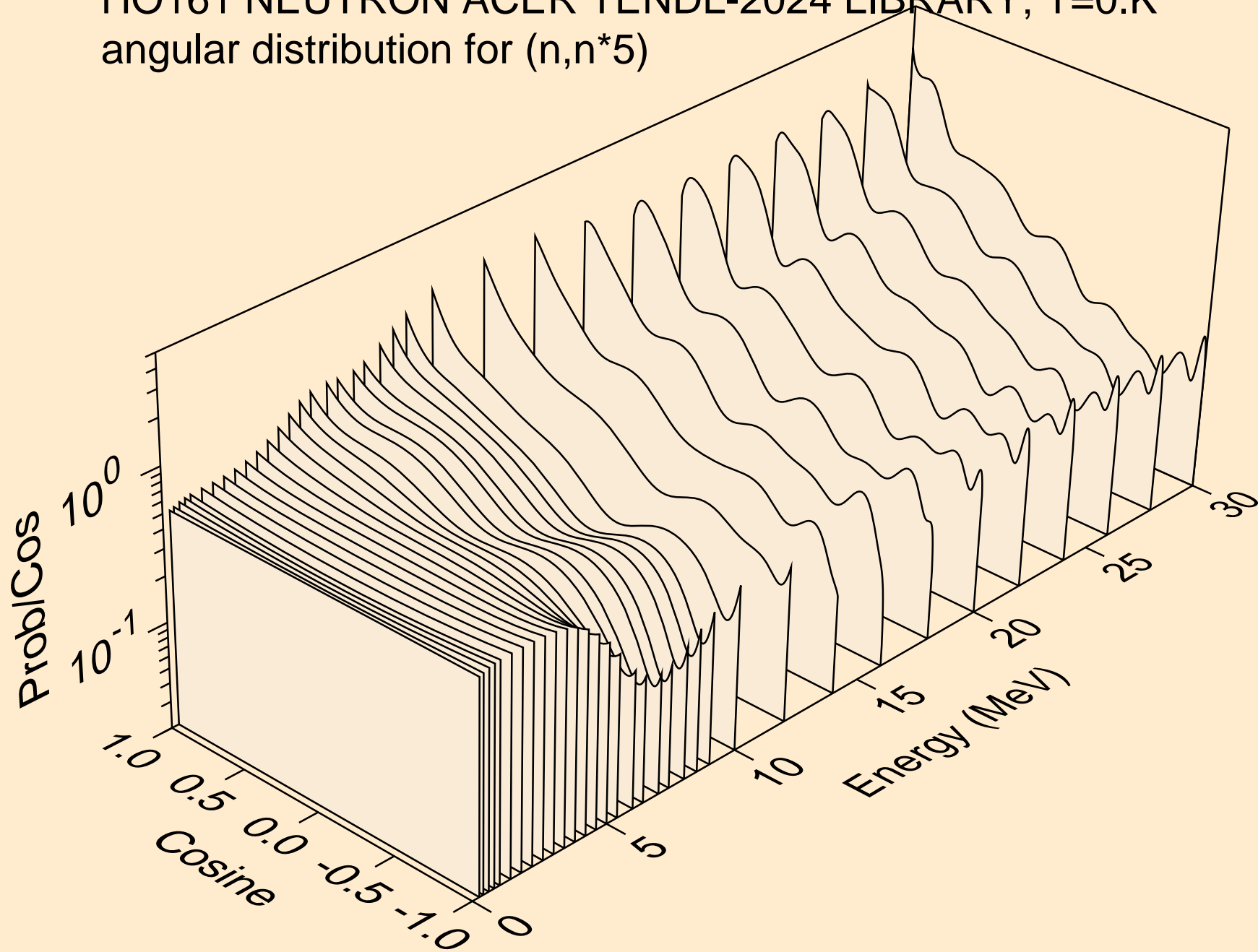
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angular distribution for (n,n\*3)



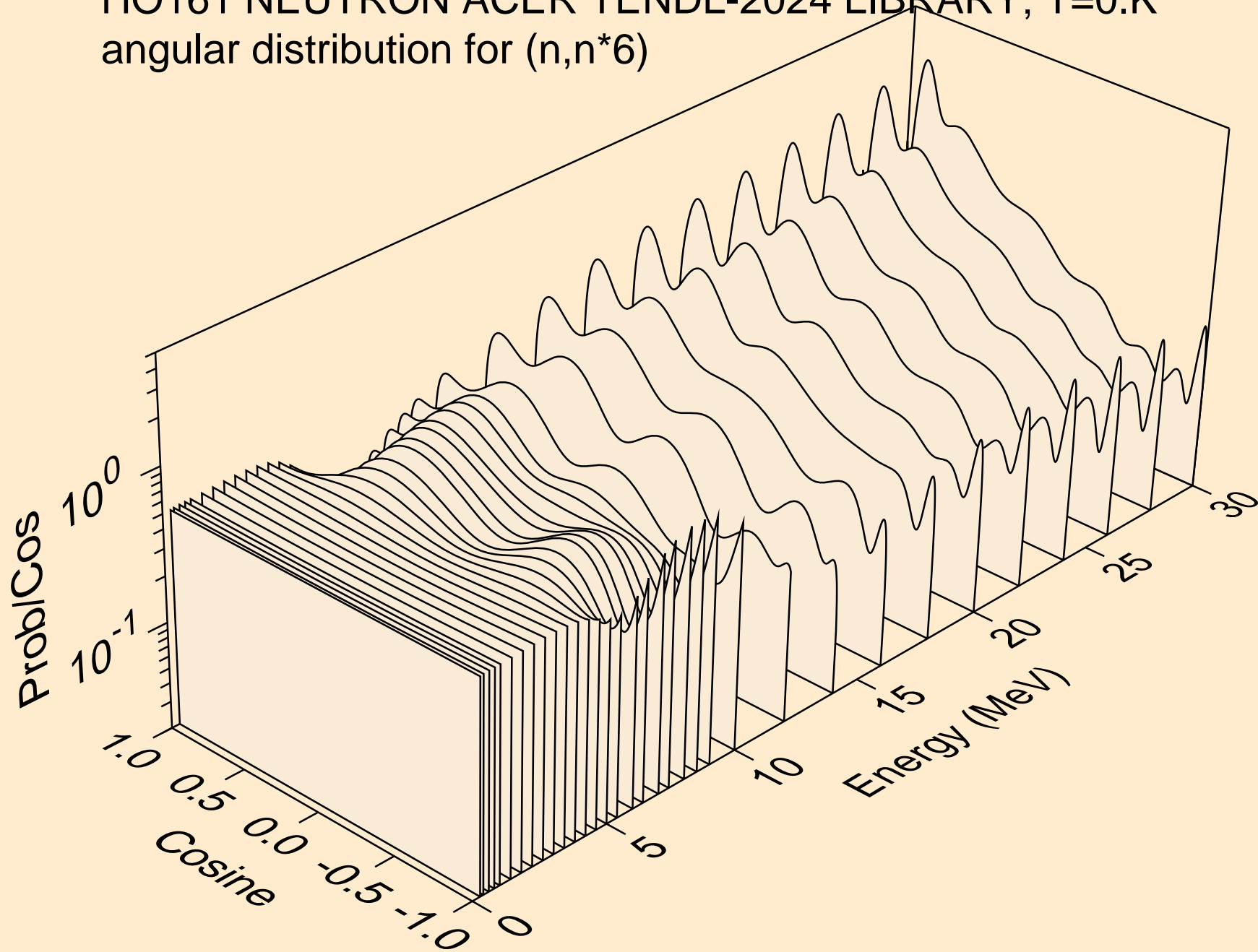
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



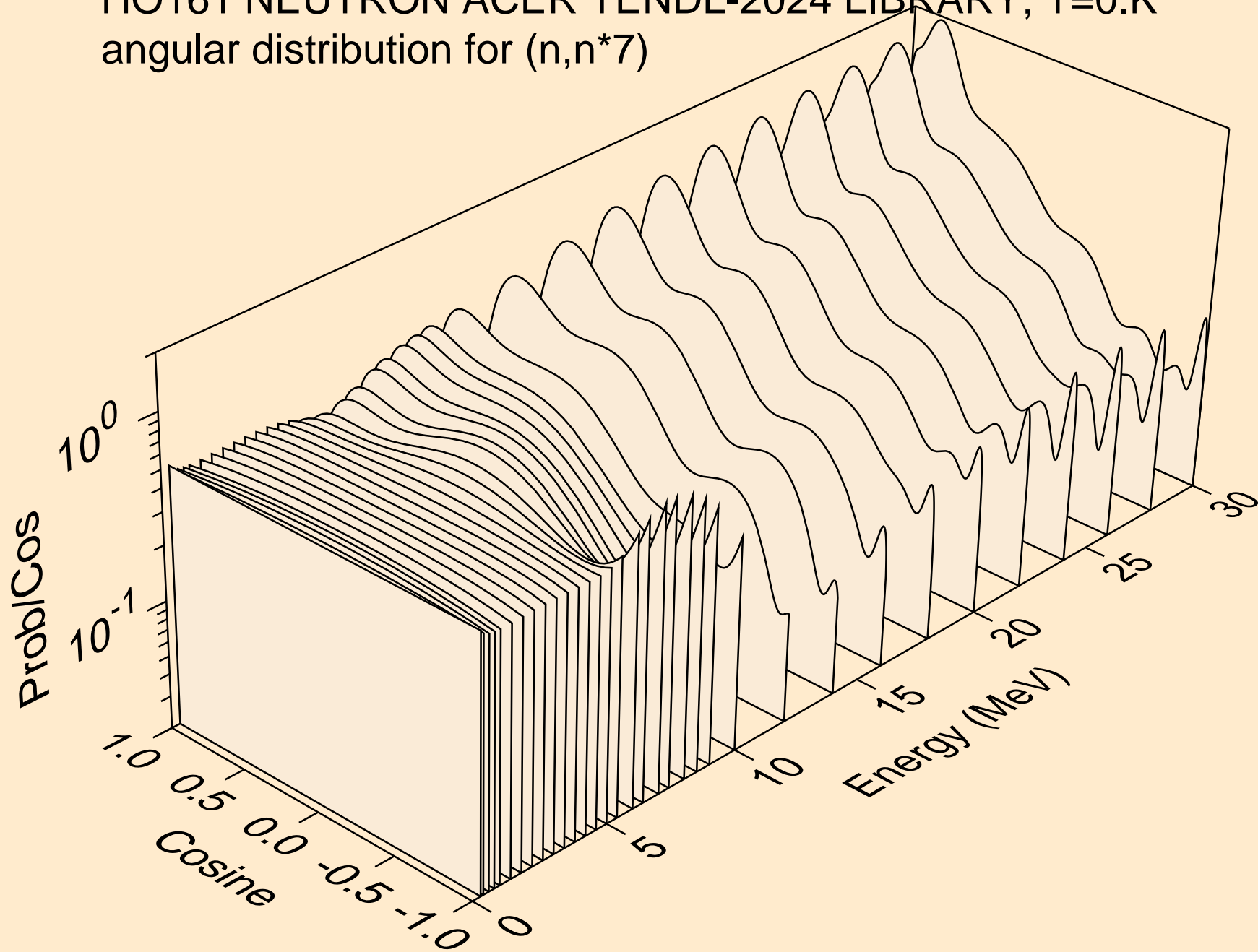
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



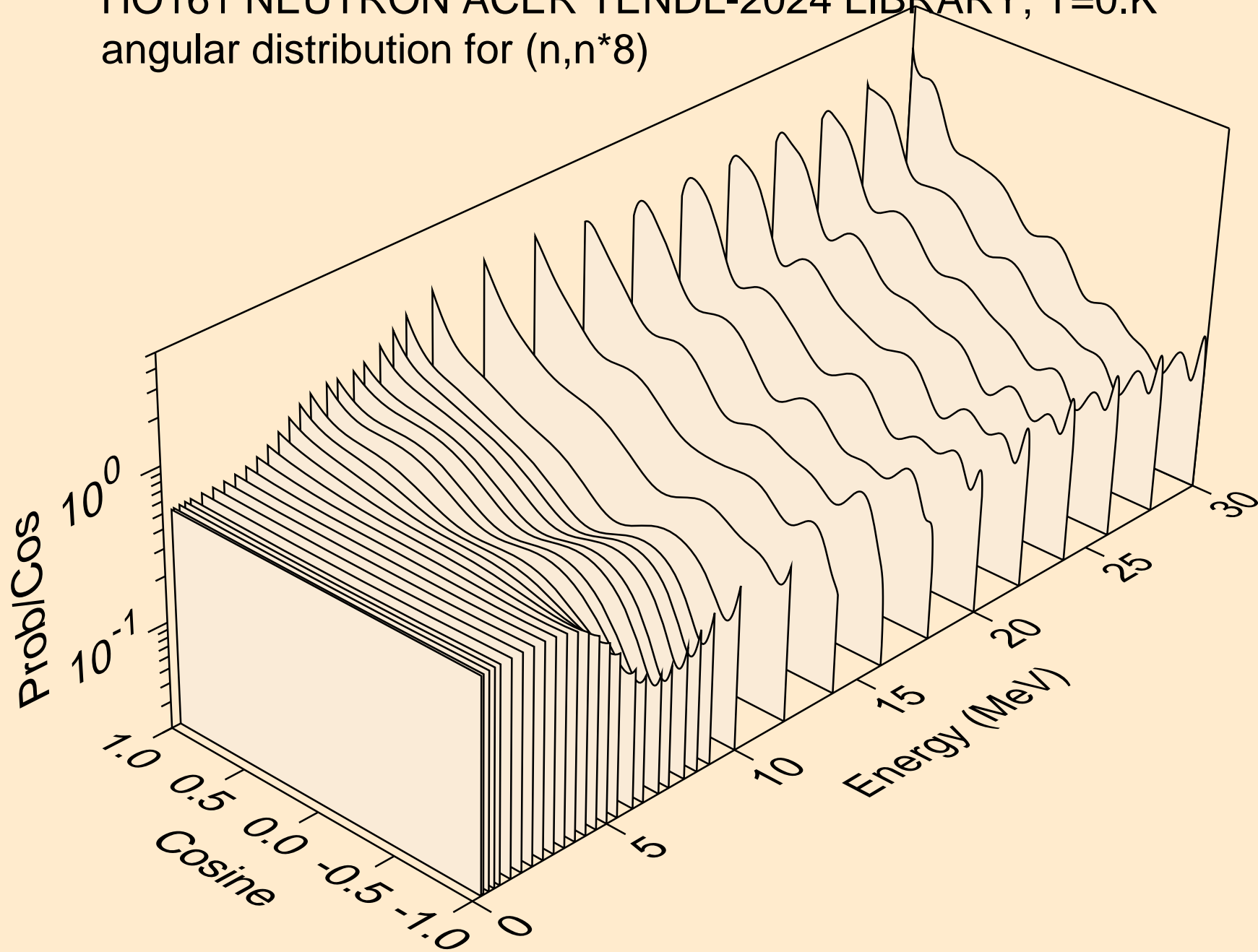
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

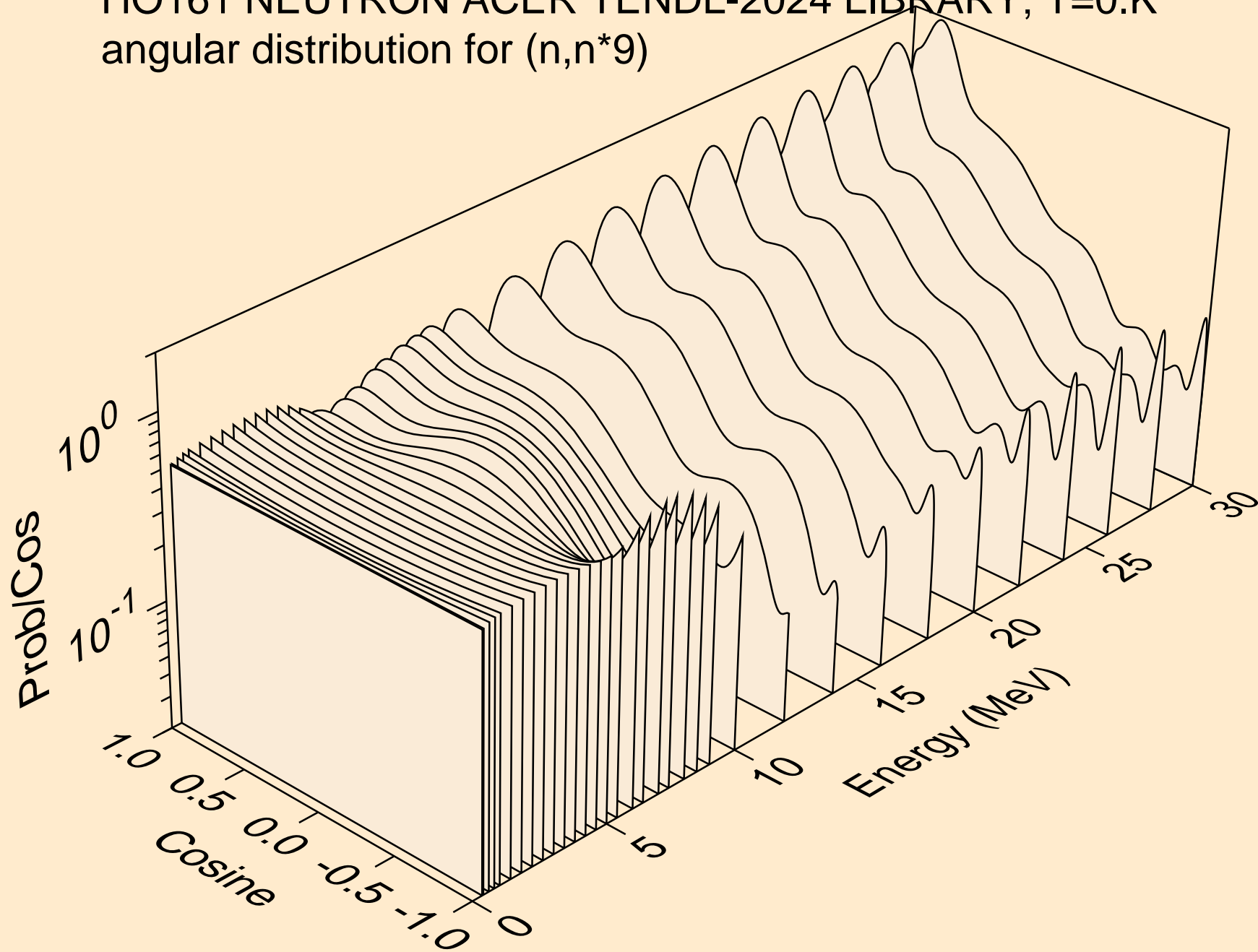


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

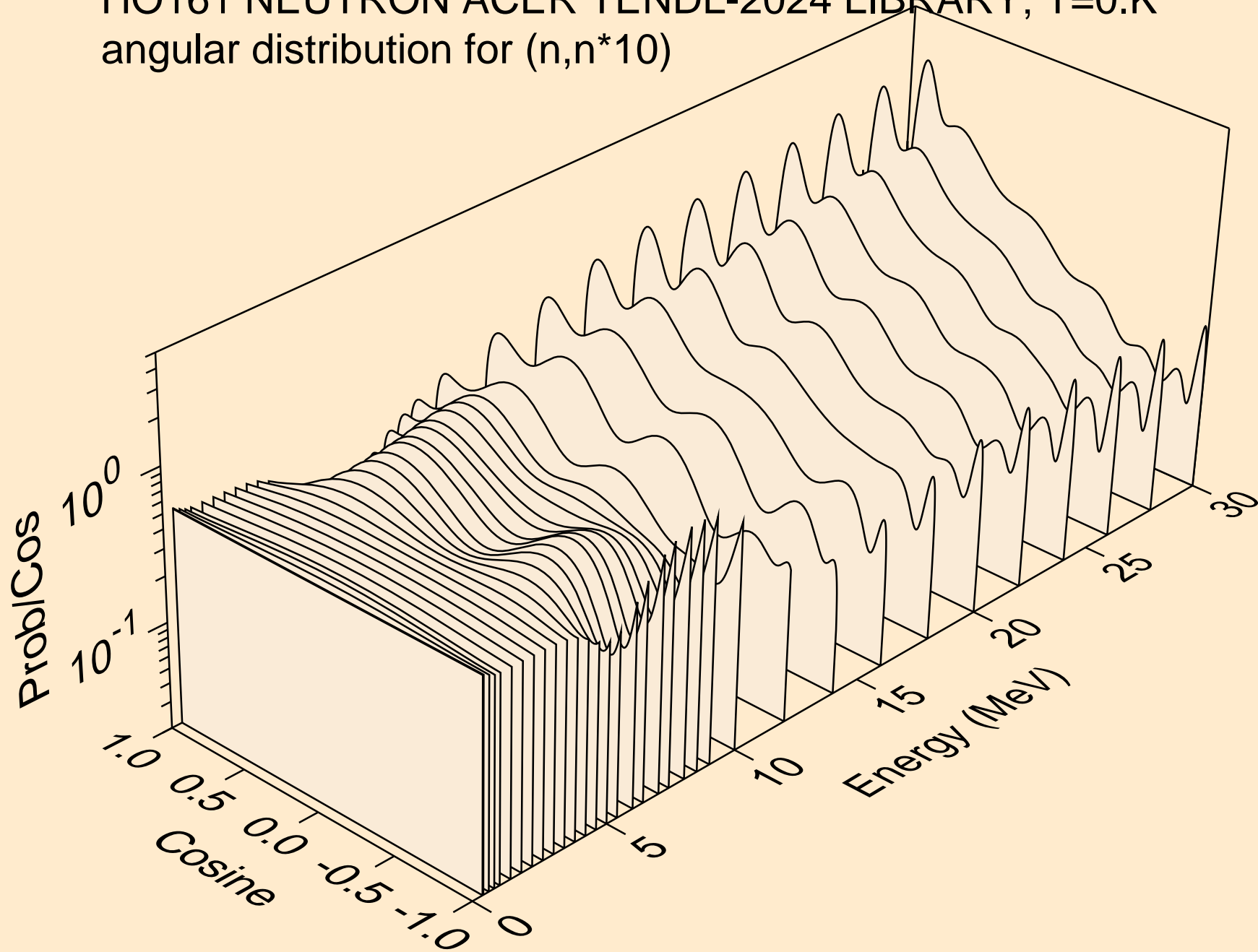




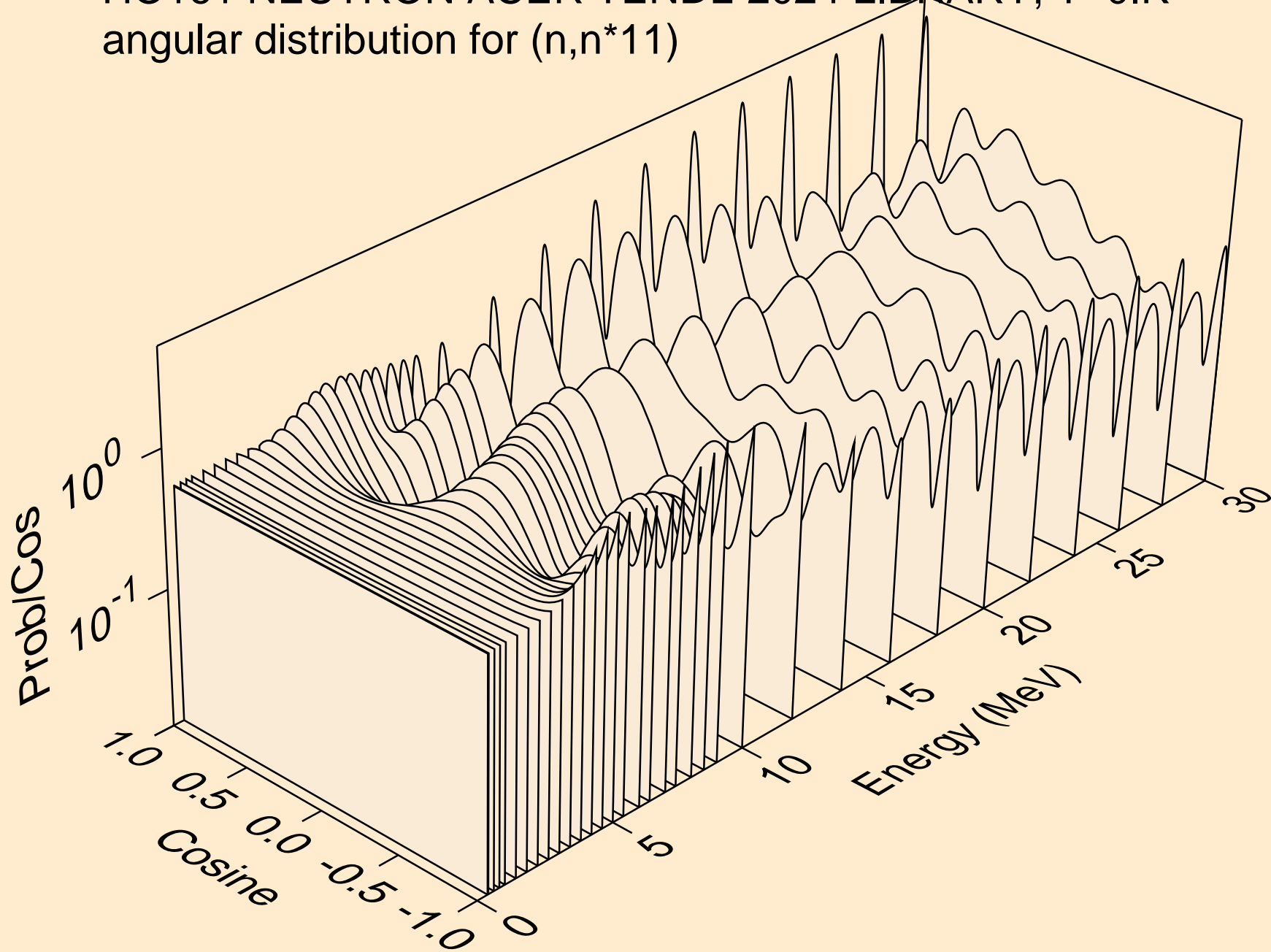
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angular distribution for (n,n\*9)



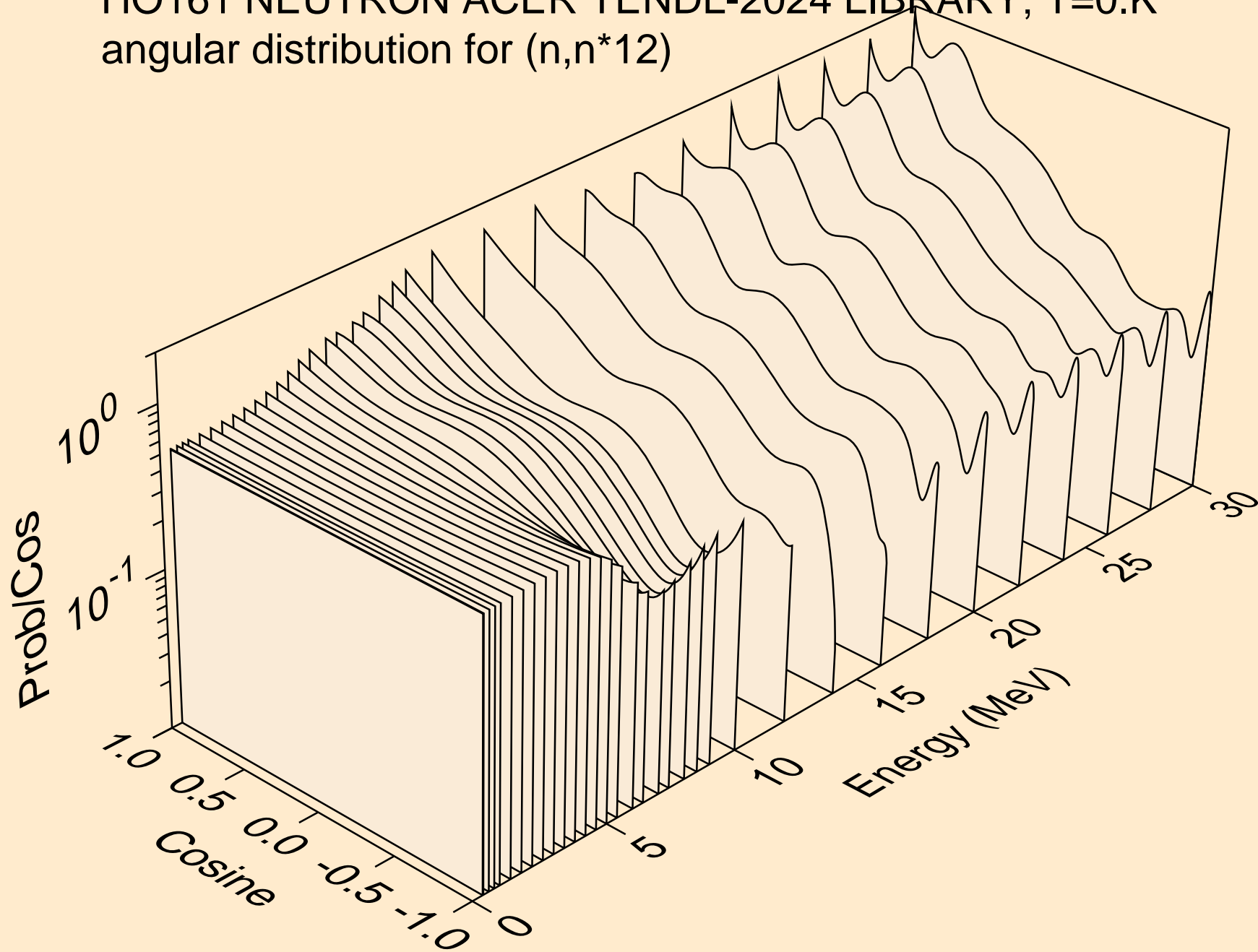
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angular distribution for (n,n\*10)



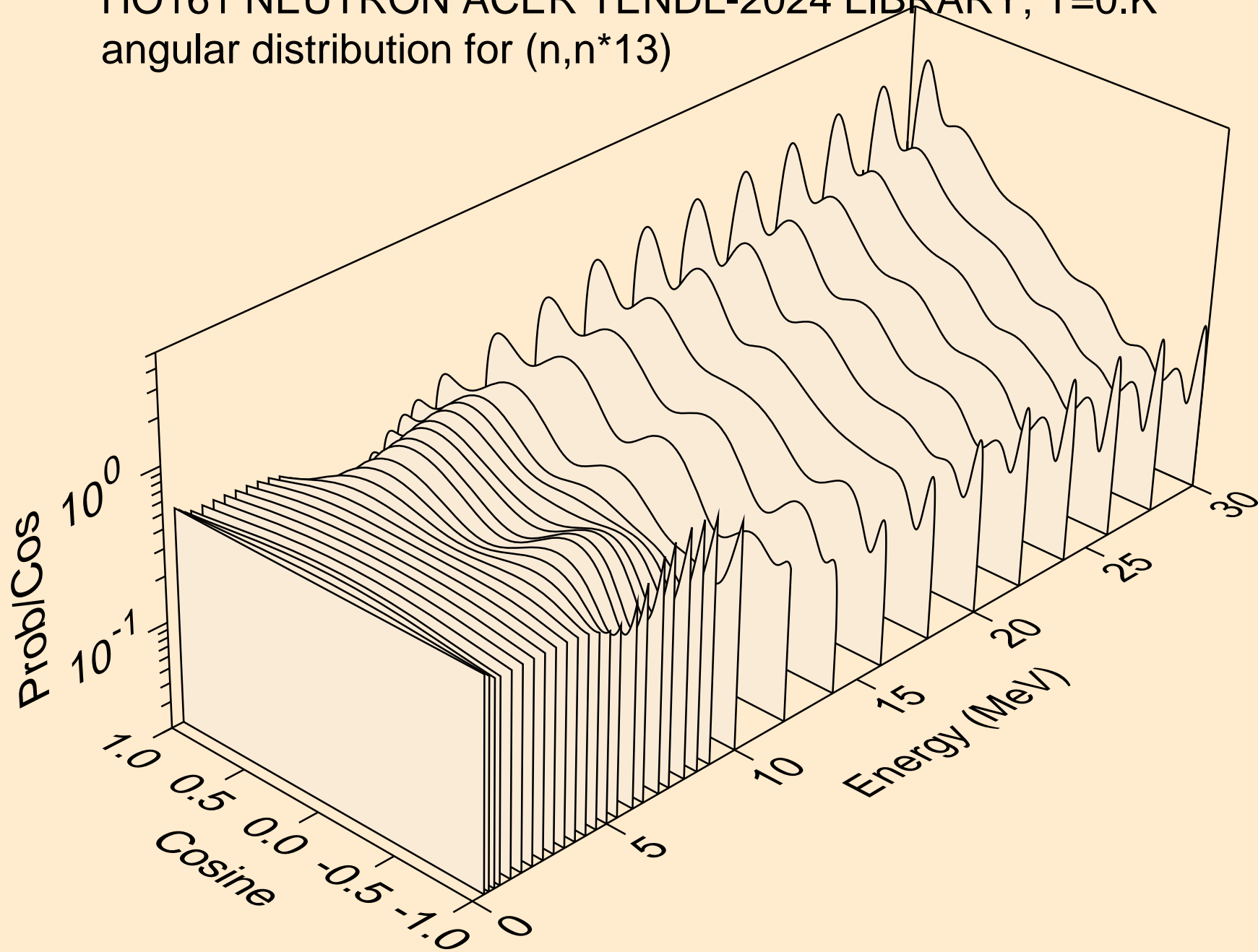
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angular distribution for (n,n\*11)



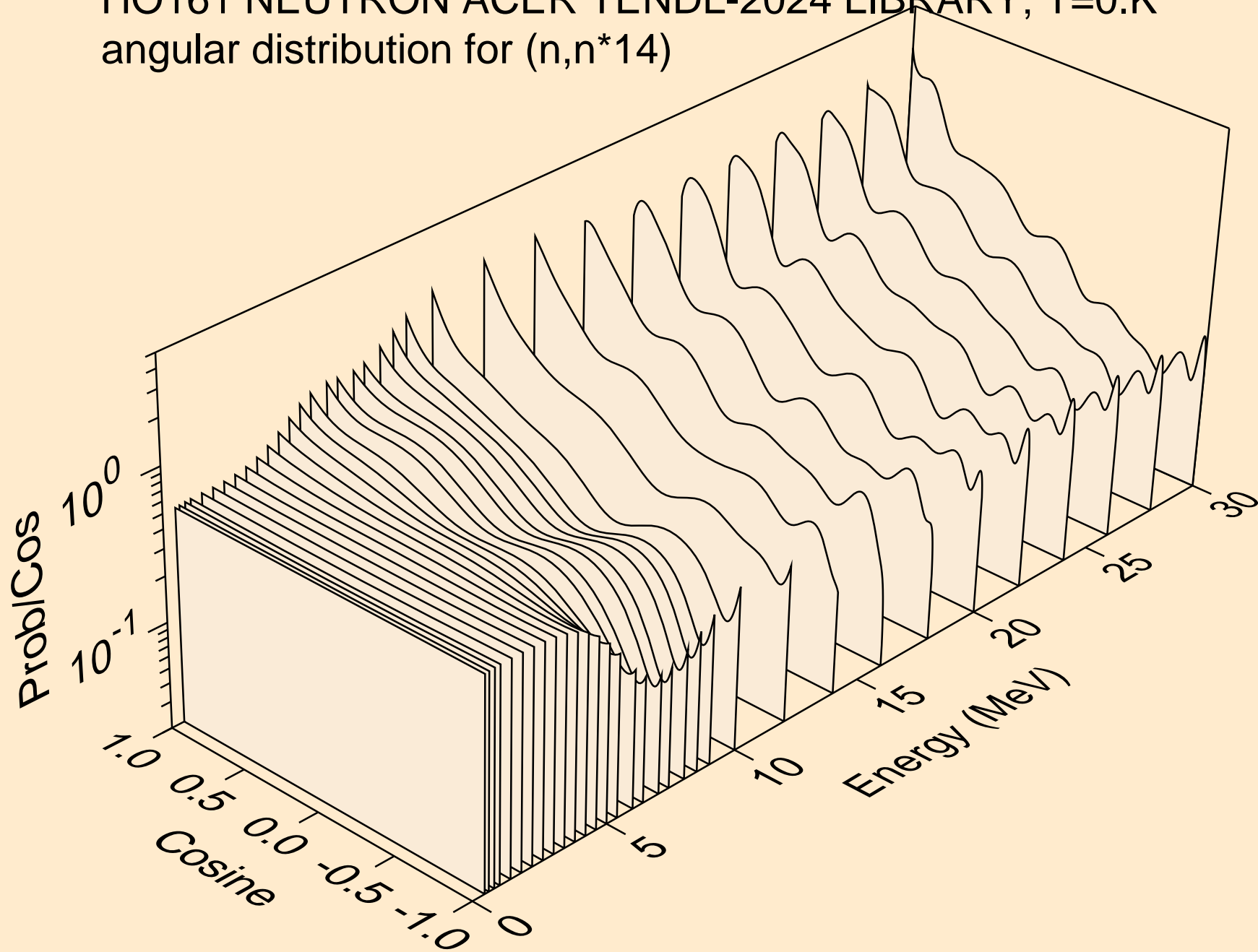
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angular distribution for (n,n\*12)



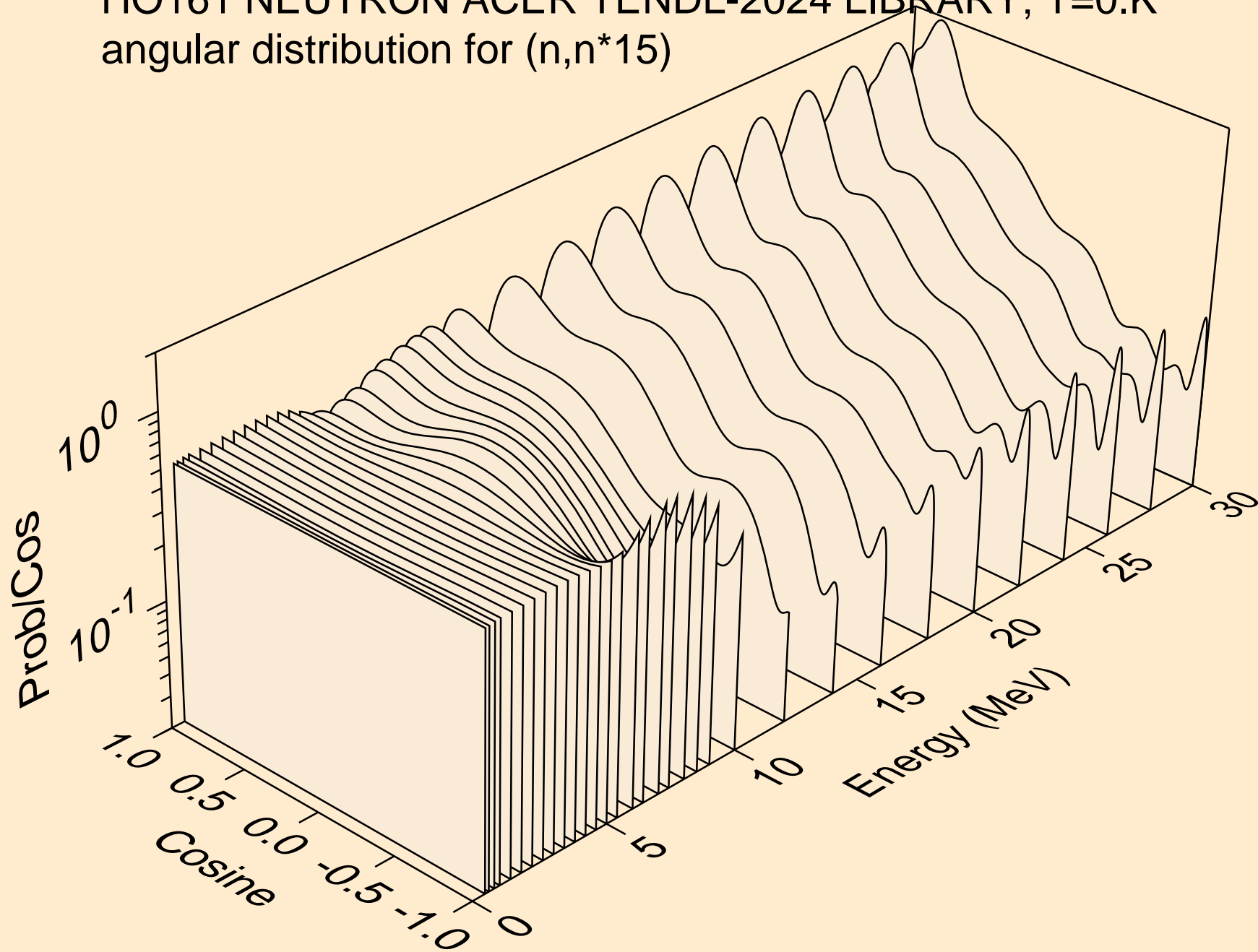
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angular distribution for (n,n\*13)



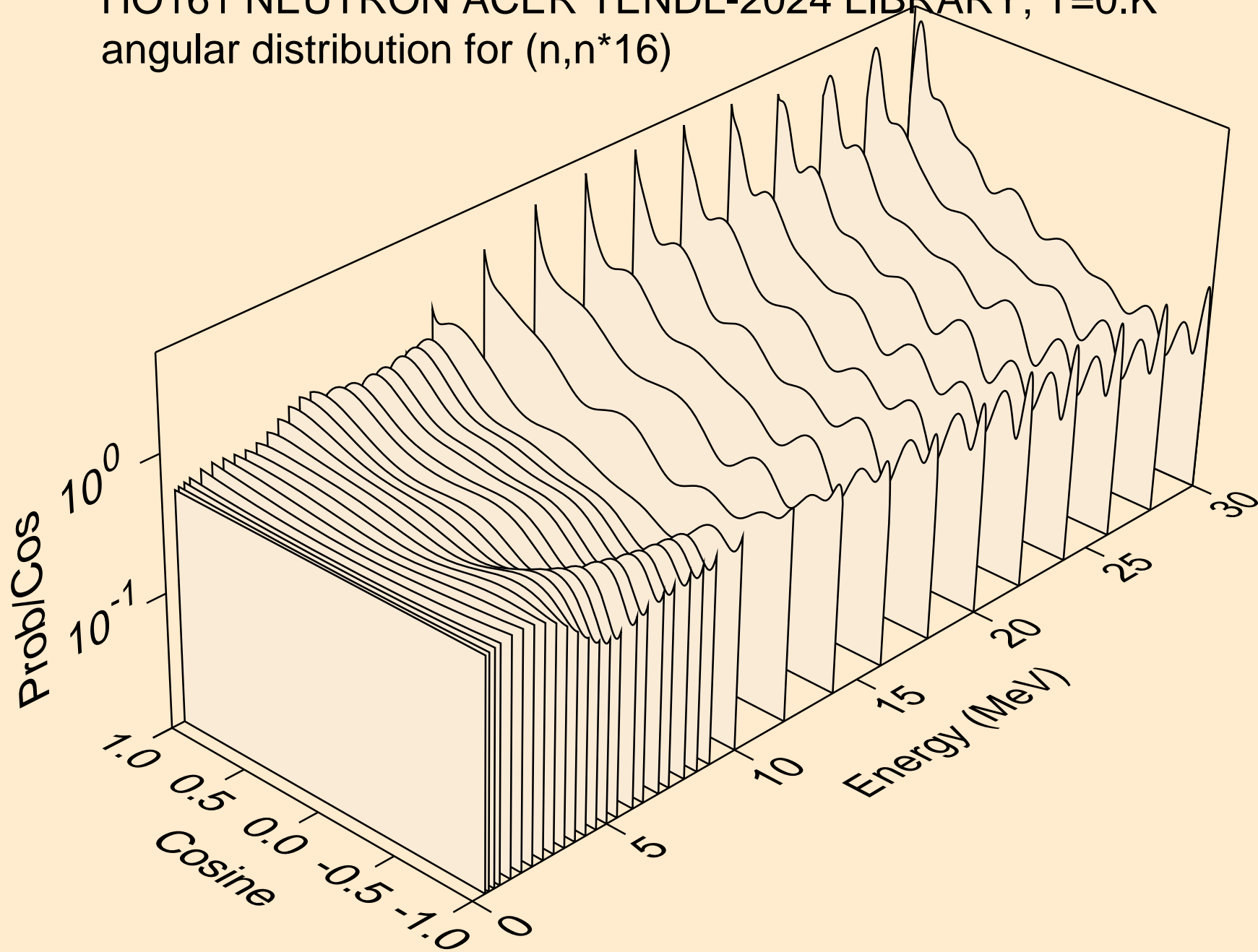
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

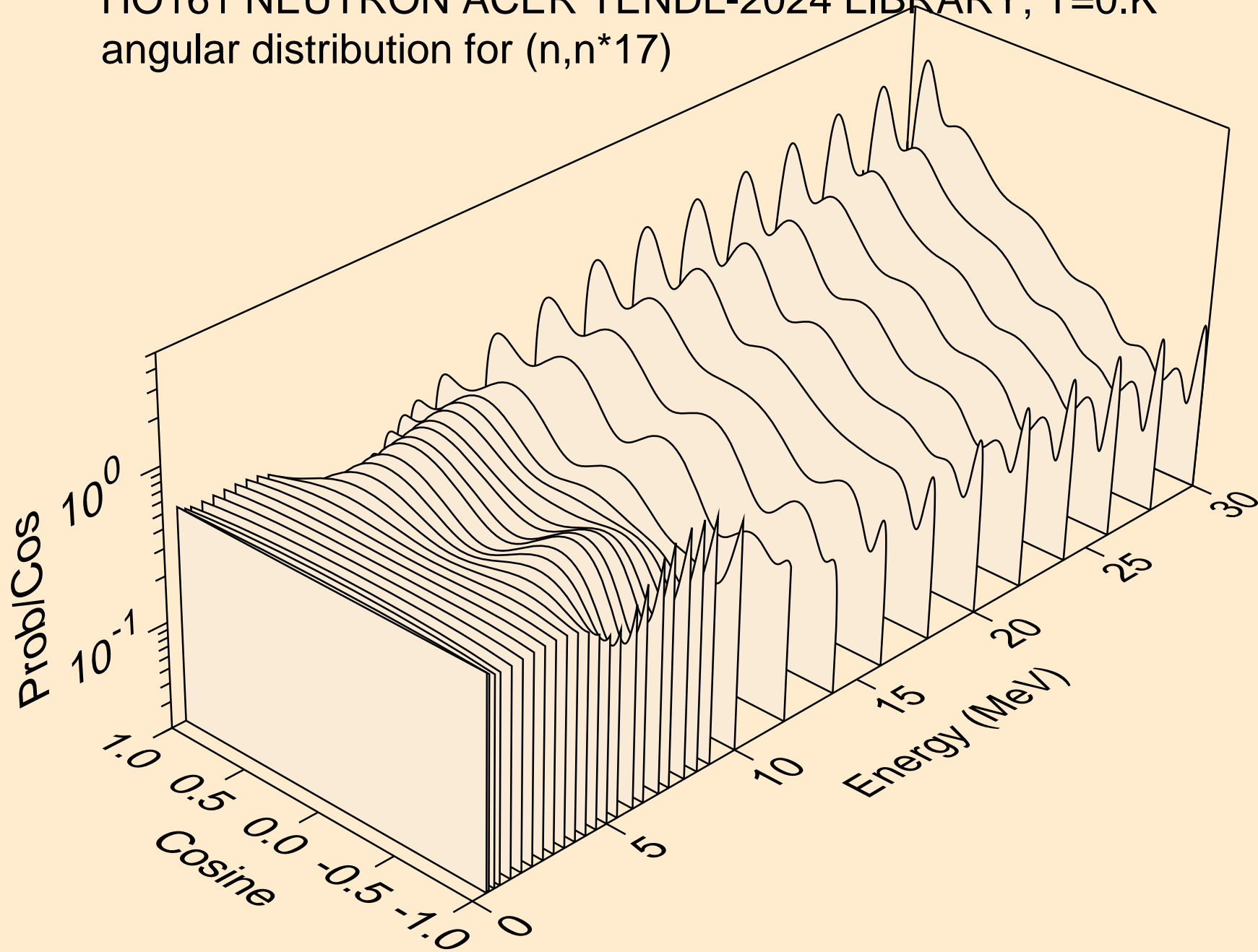


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

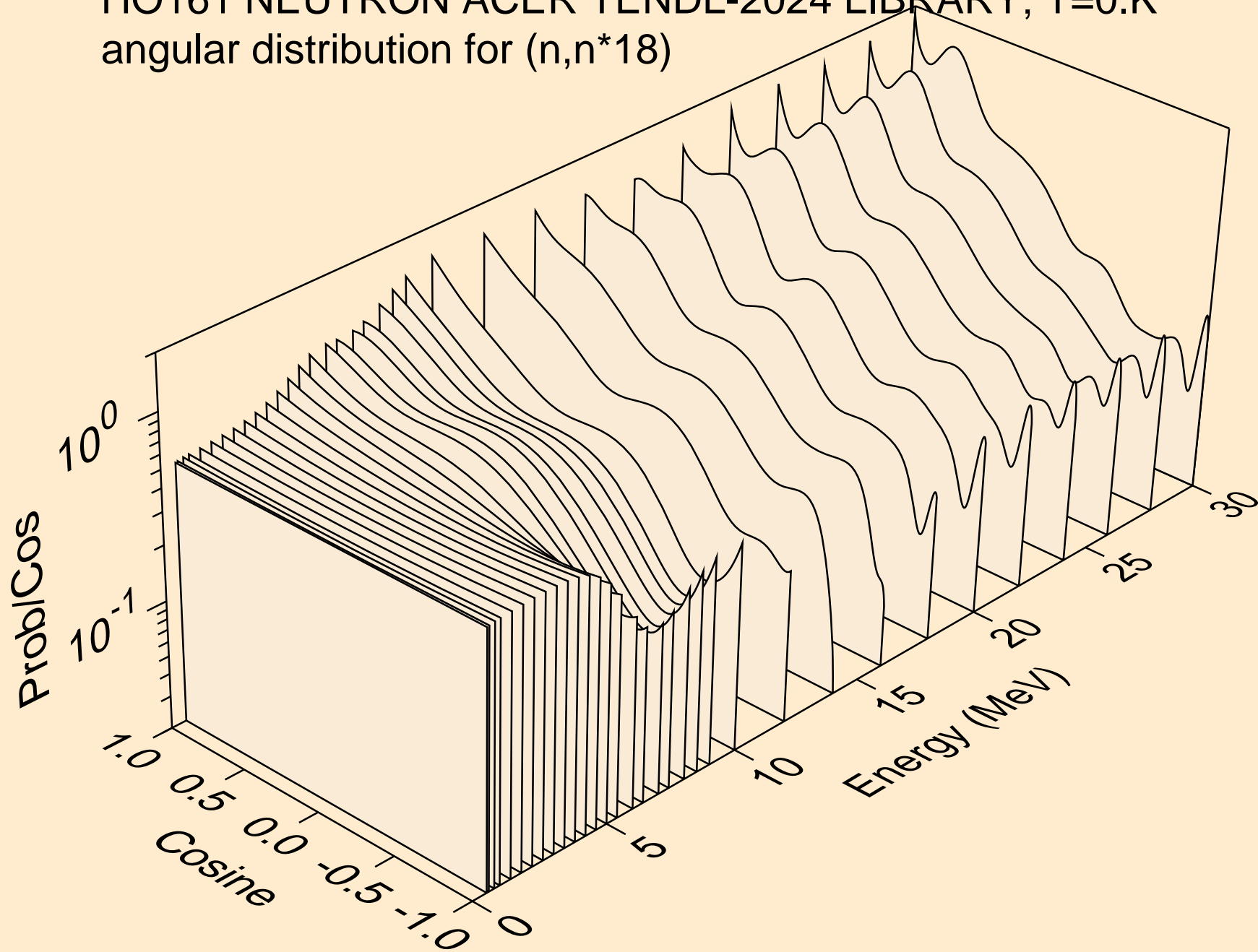




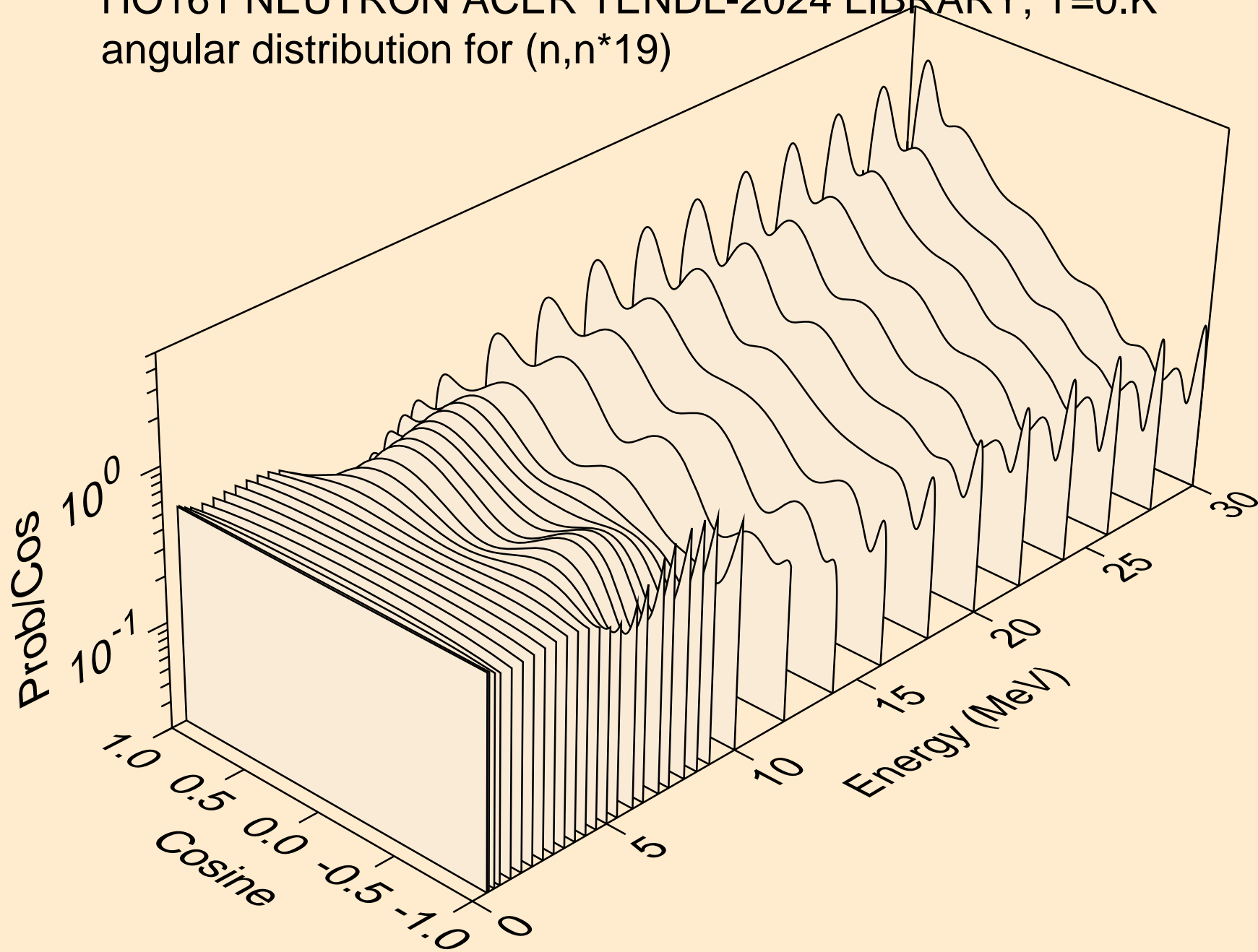
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angular distribution for (n,n\*17)



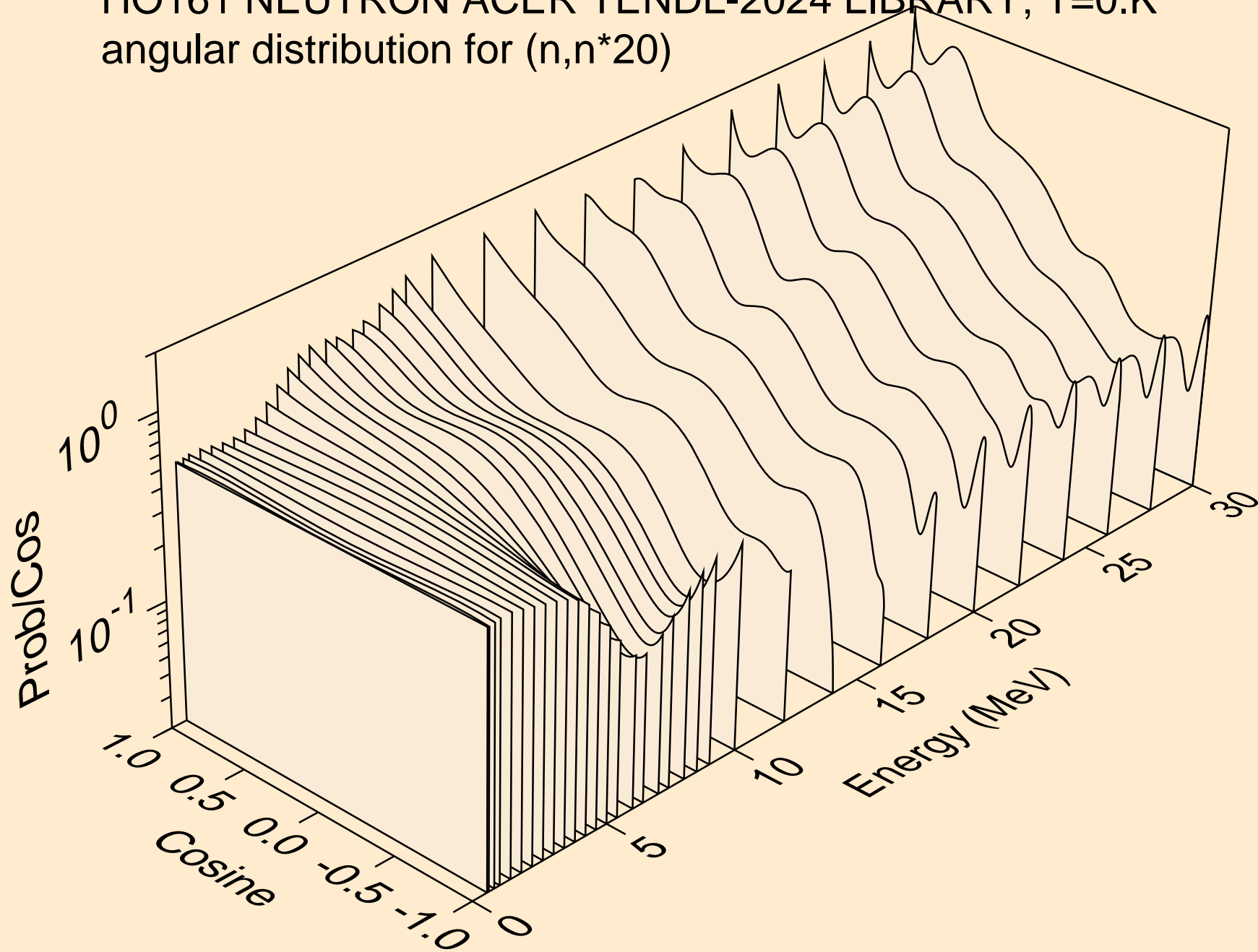
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angular distribution for (n,n\*18)



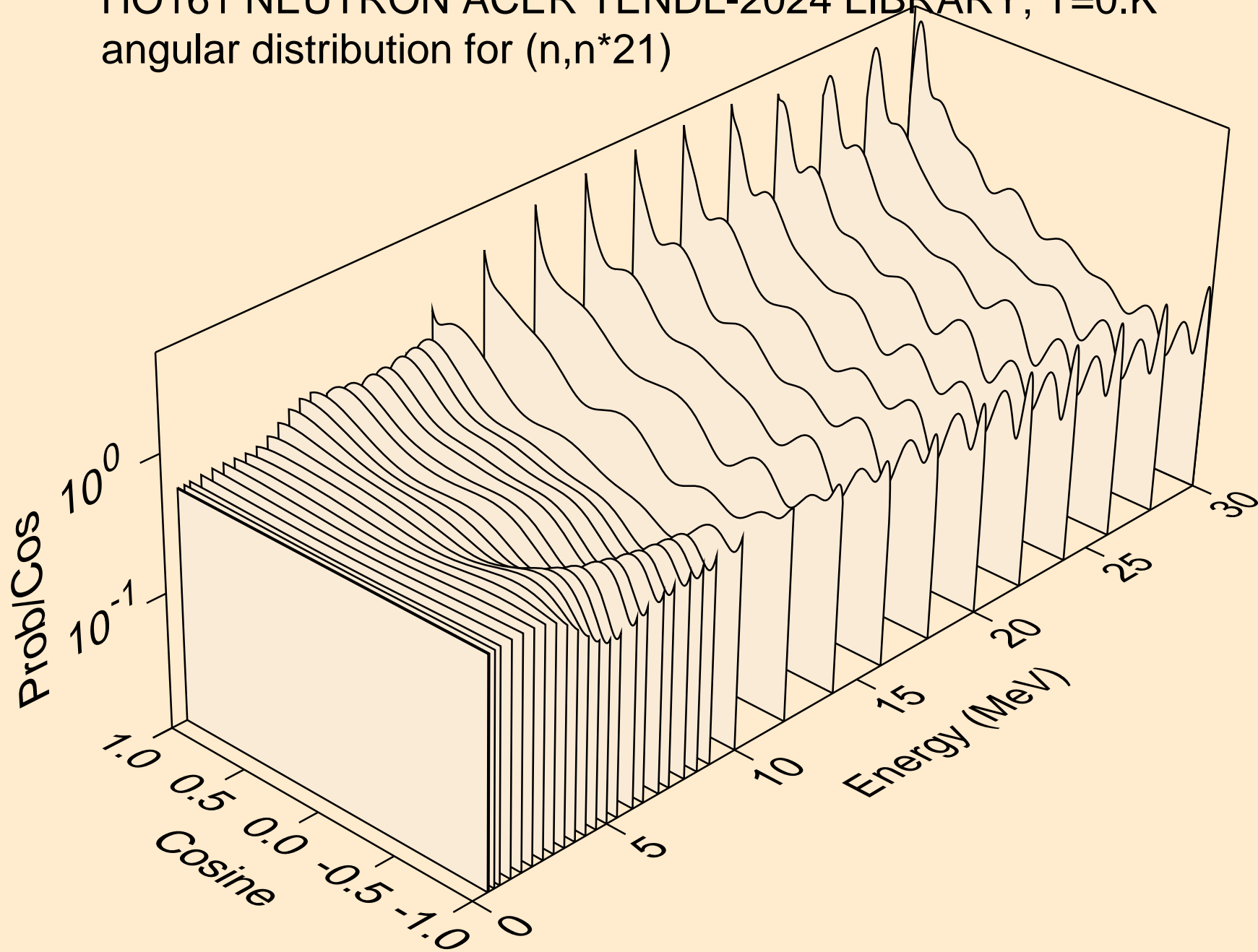
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angular distribution for (n,n\*19)



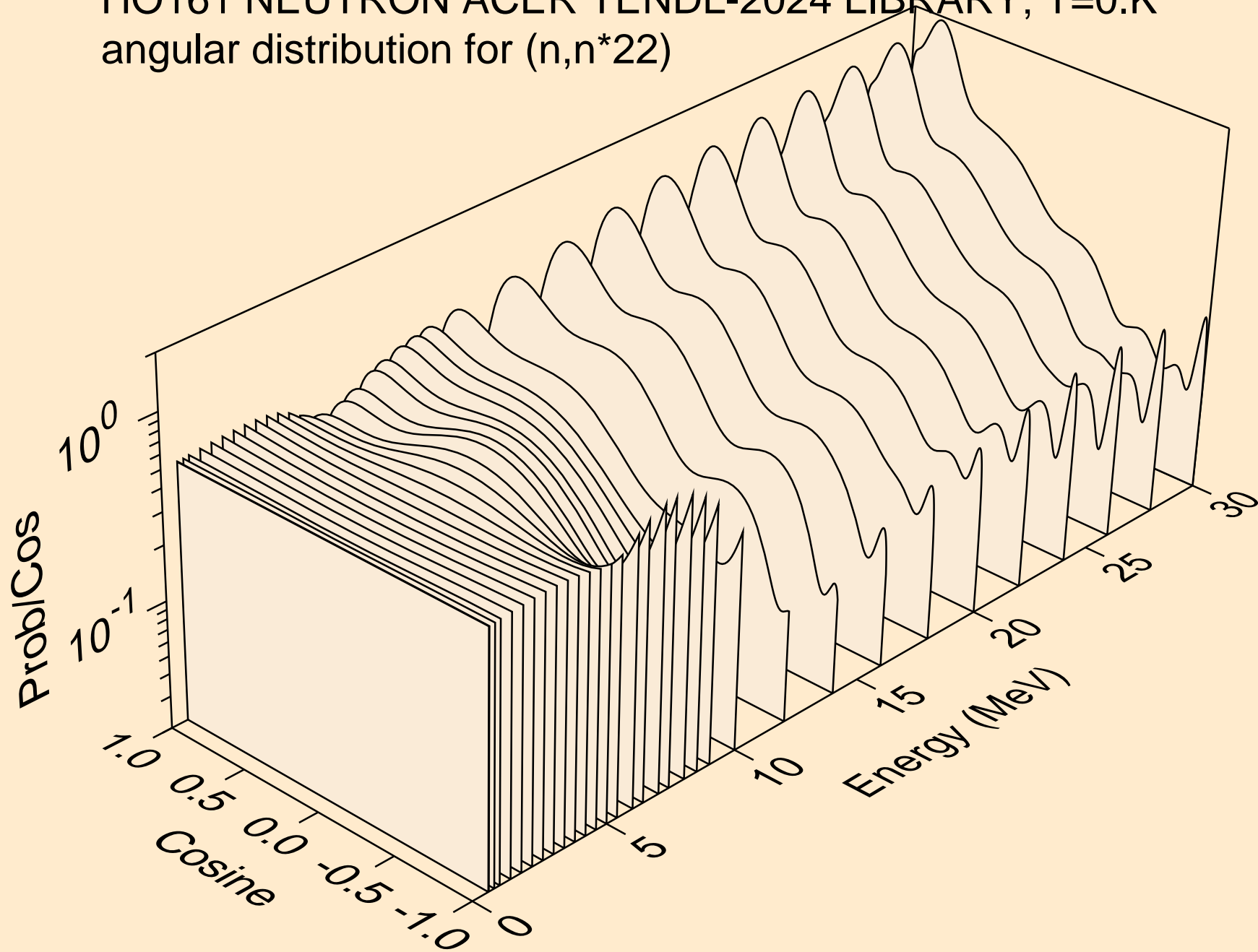
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angular distribution for (n,n\*20)



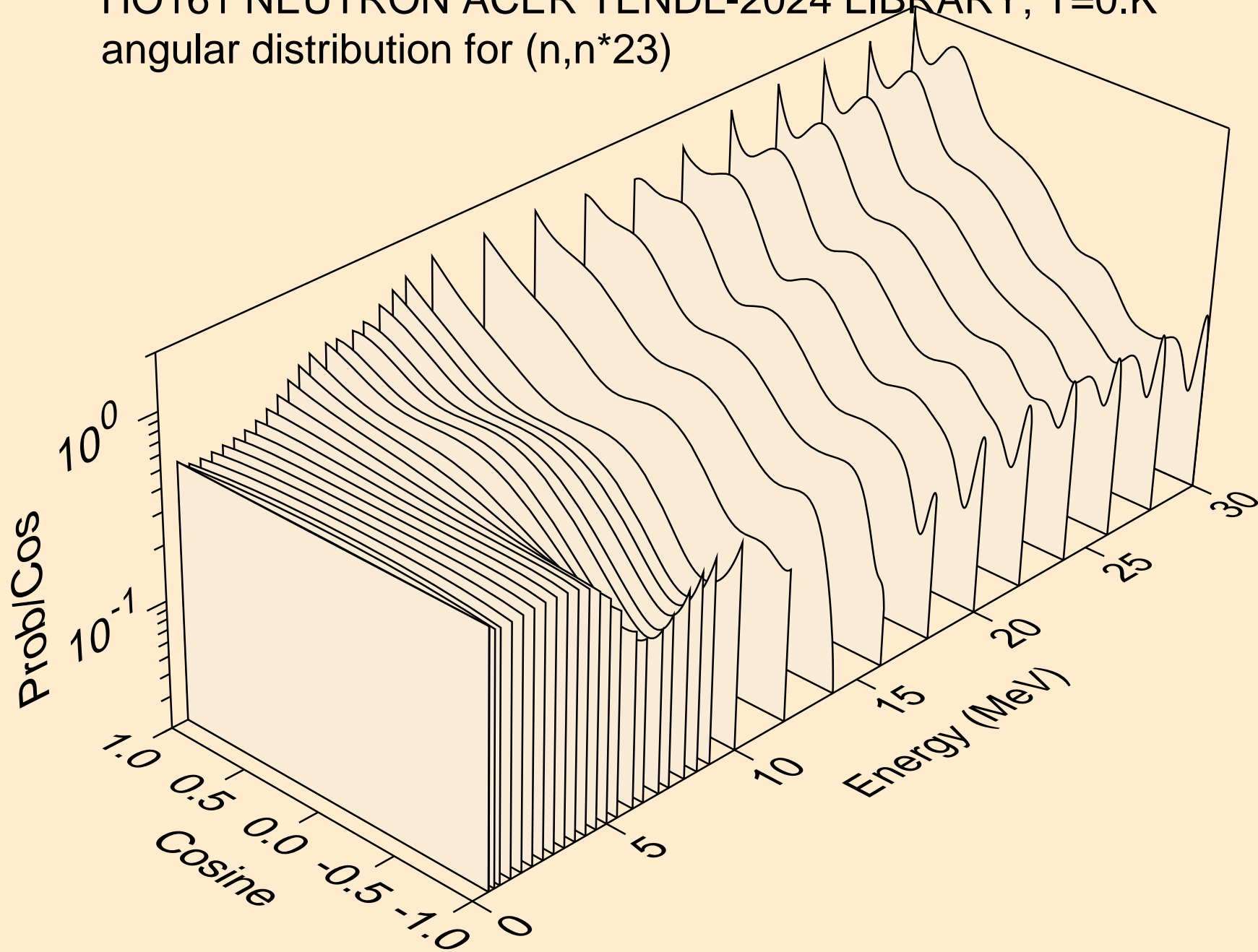
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angular distribution for (n,n\*21)



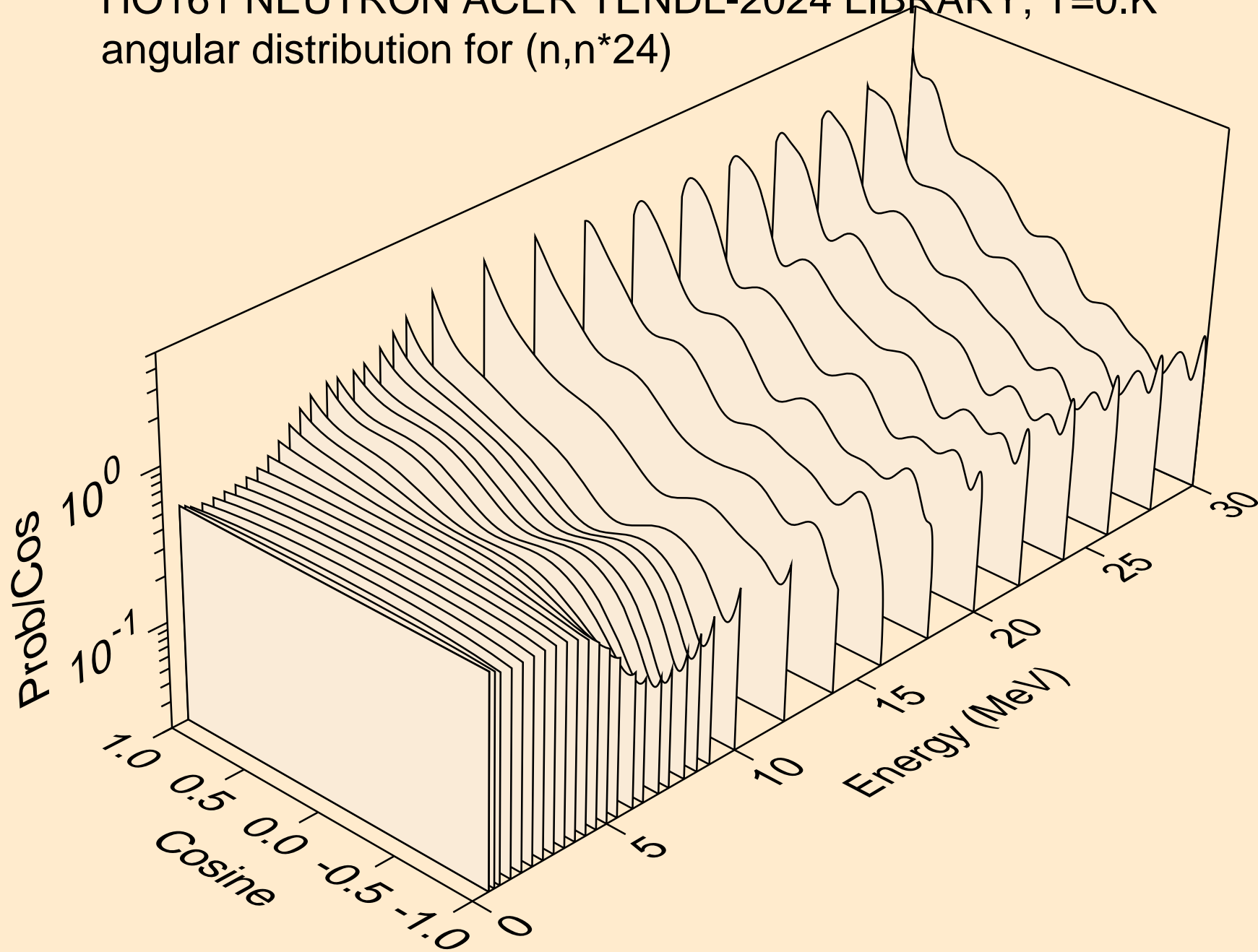
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

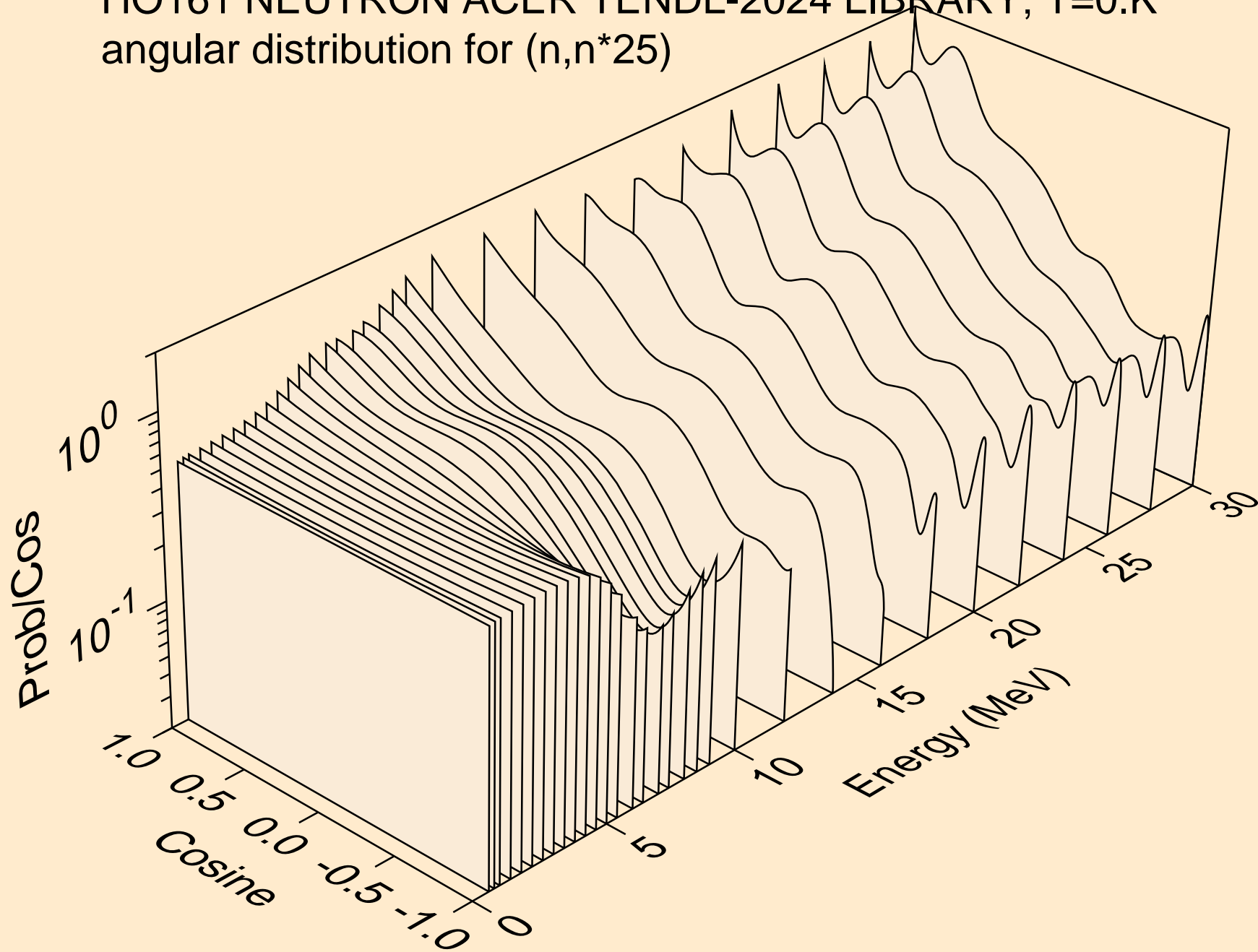


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

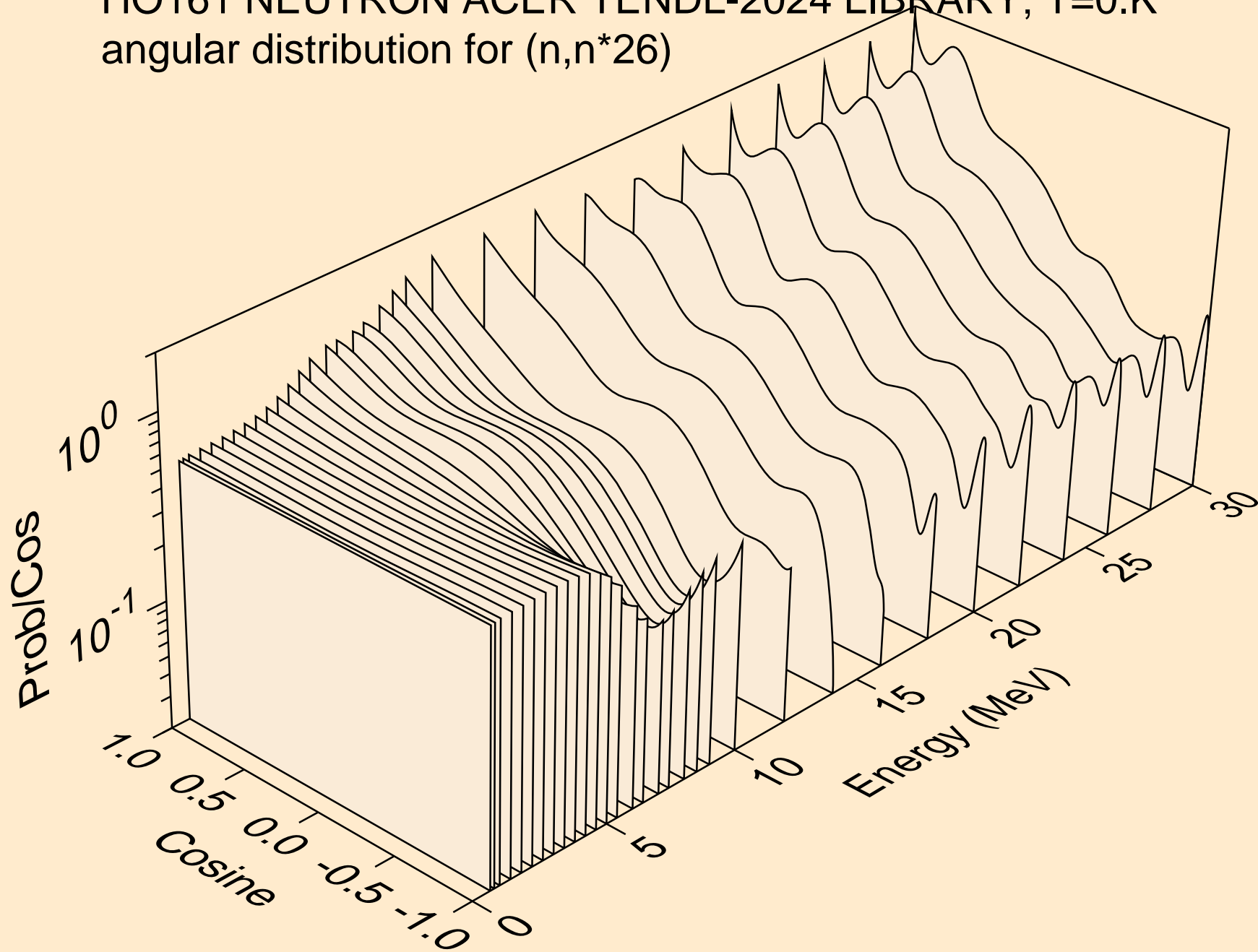




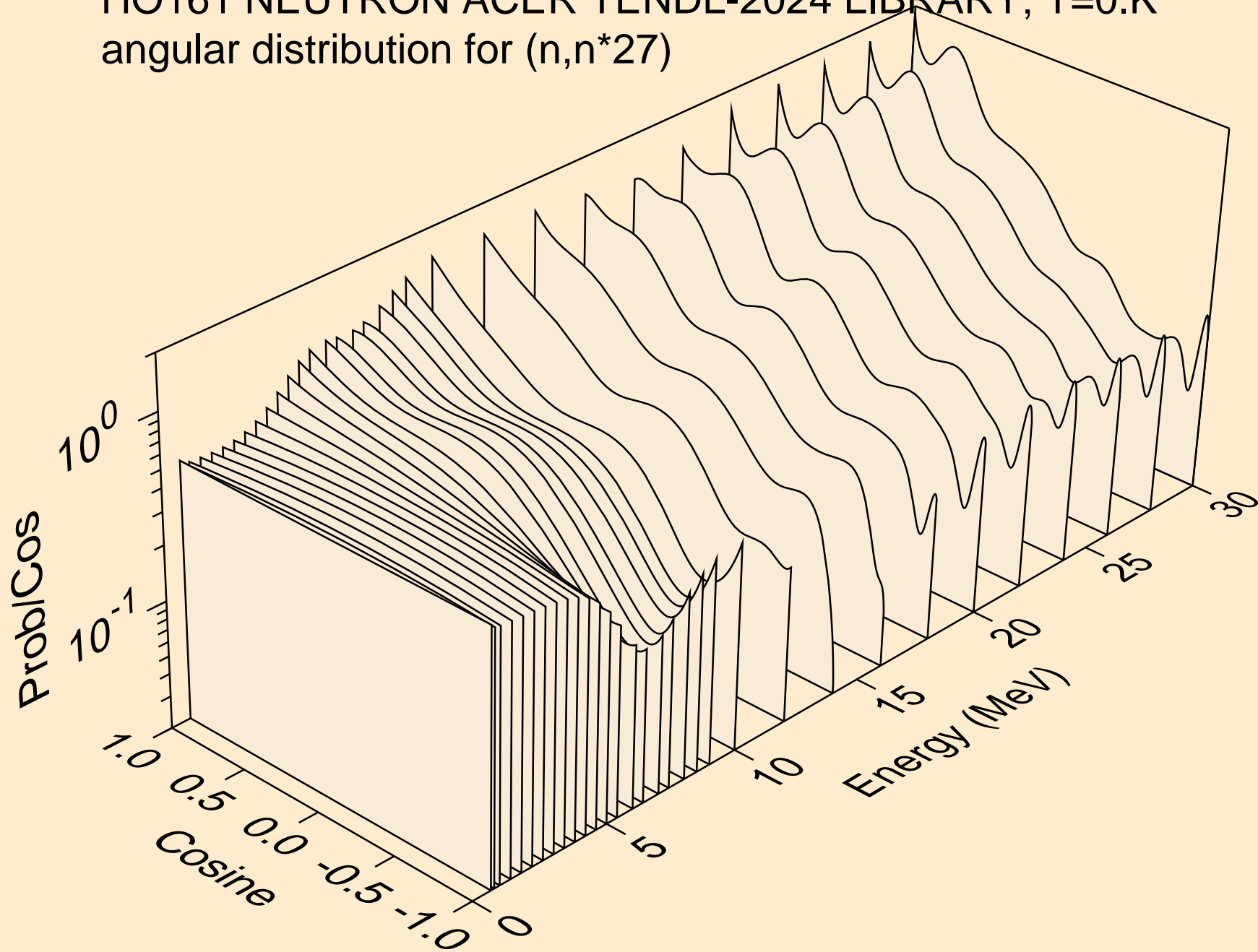
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angular distribution for (n,n\*25)



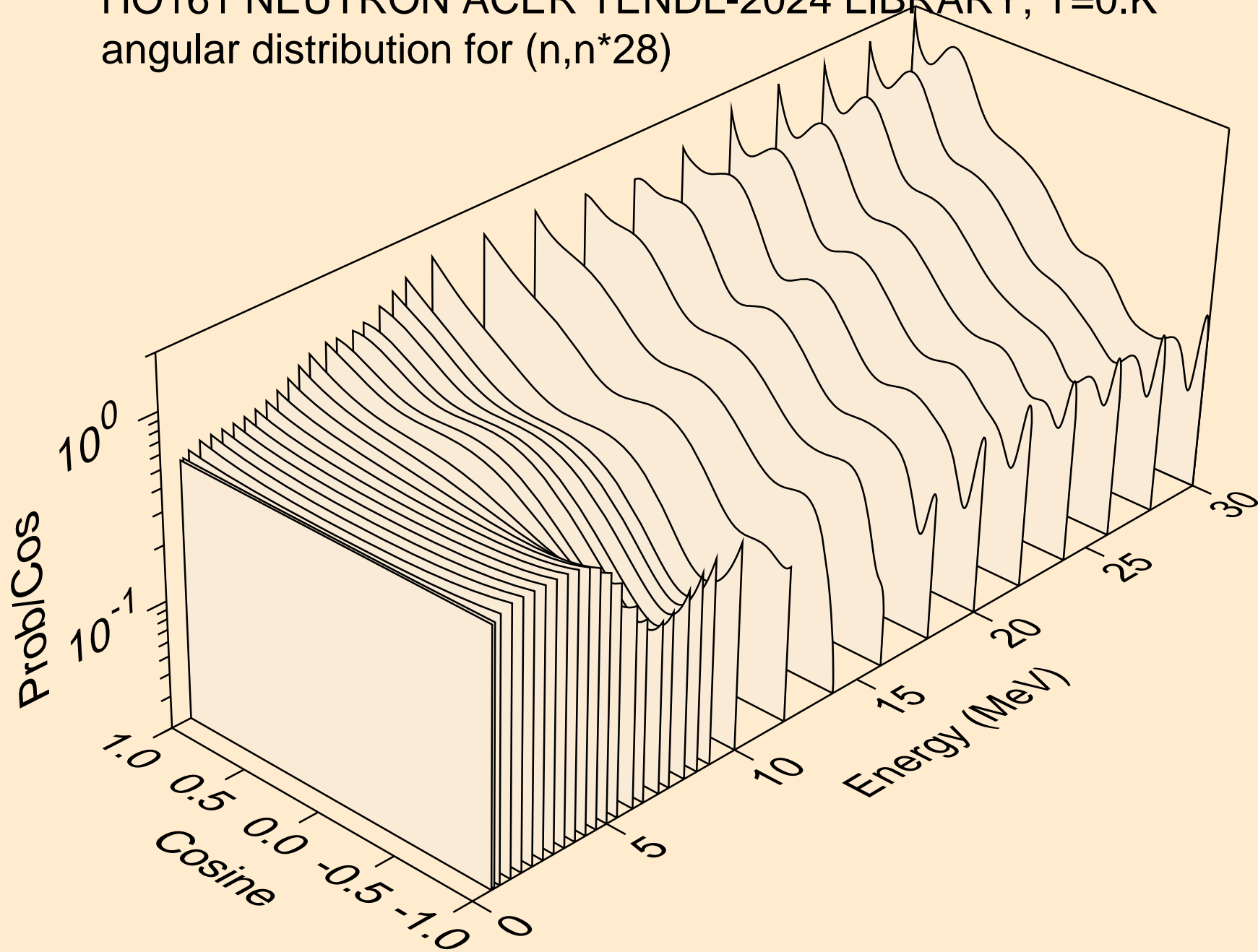
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



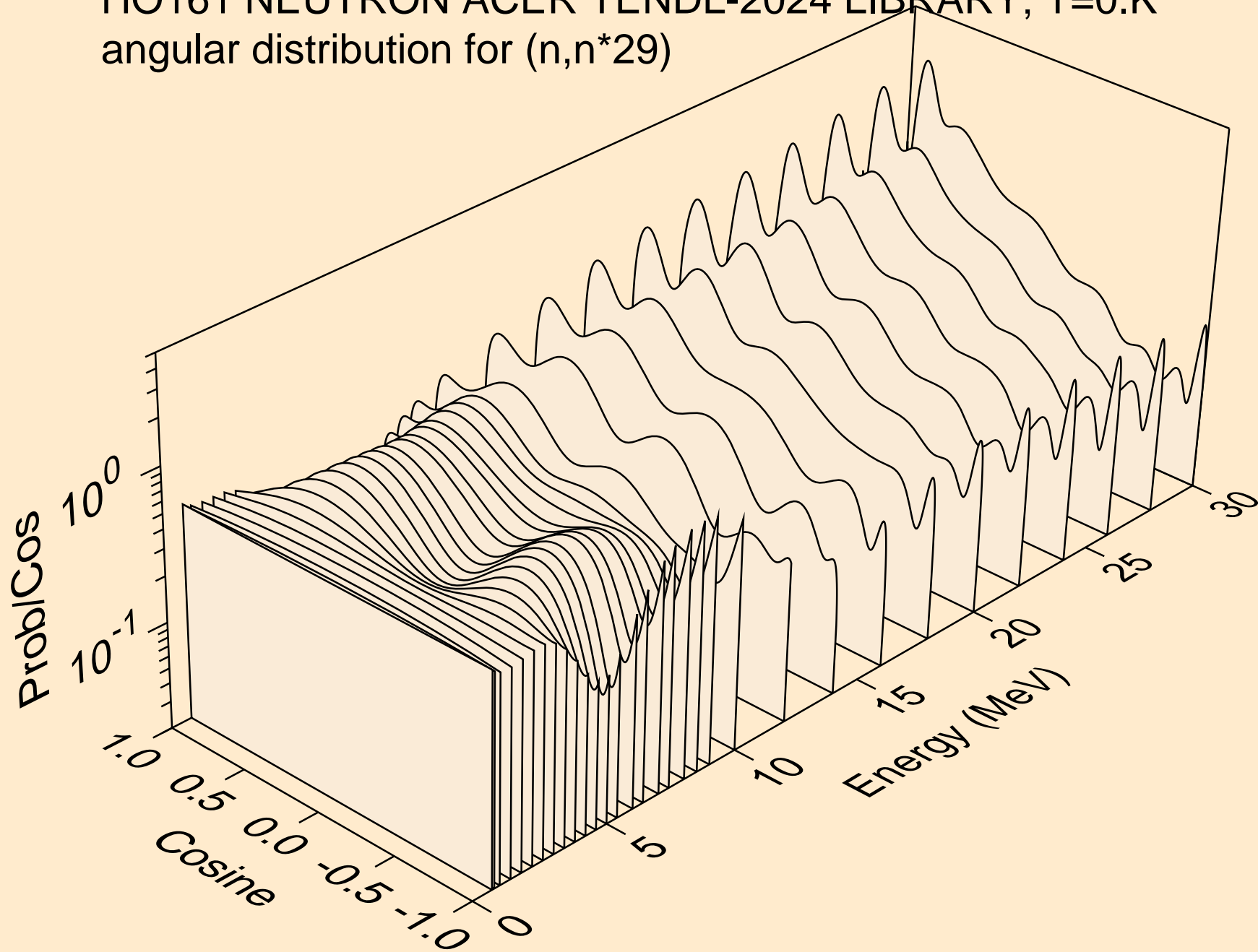
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angular distribution for (n,n\*27)



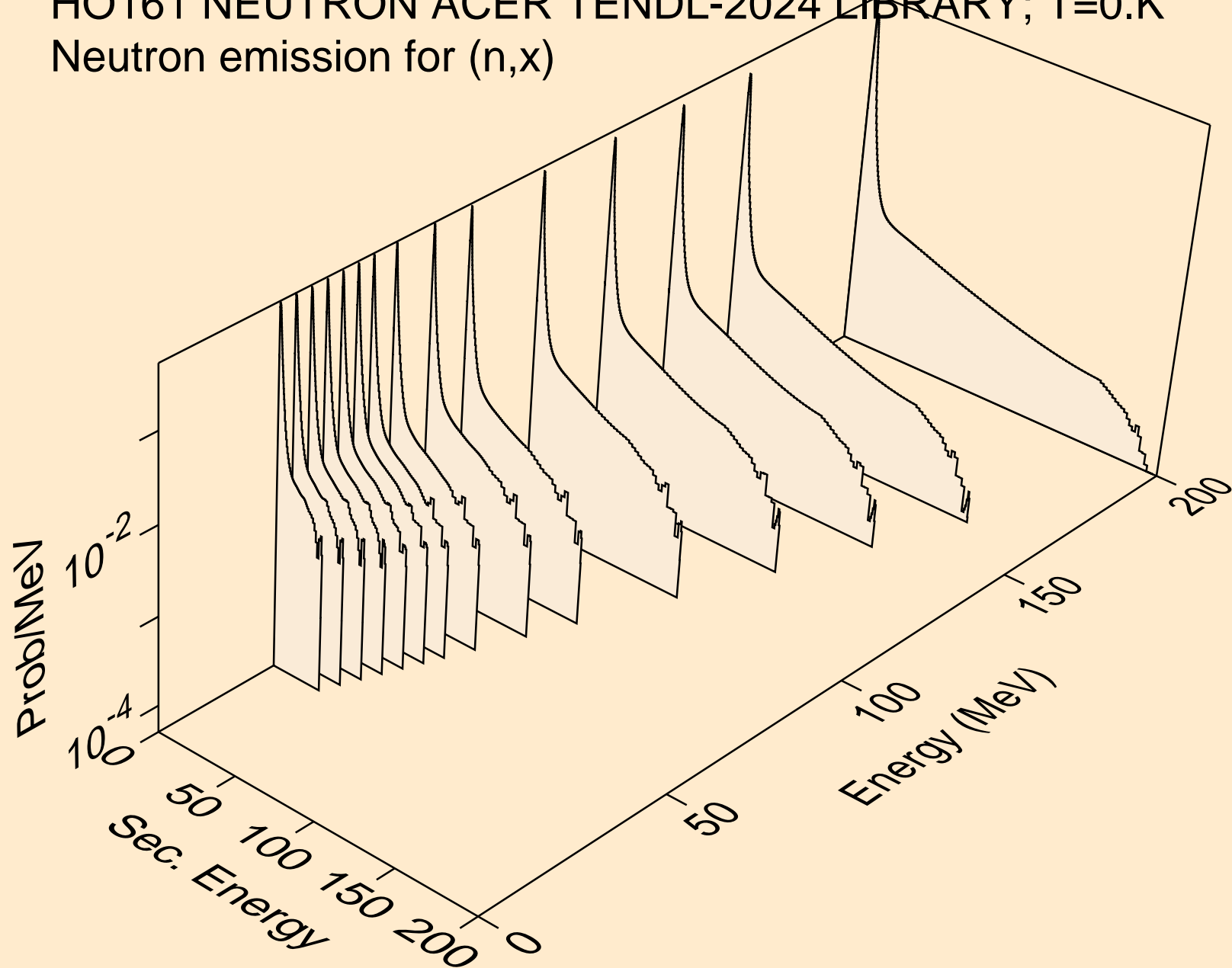
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angular distribution for (n,n\*28)



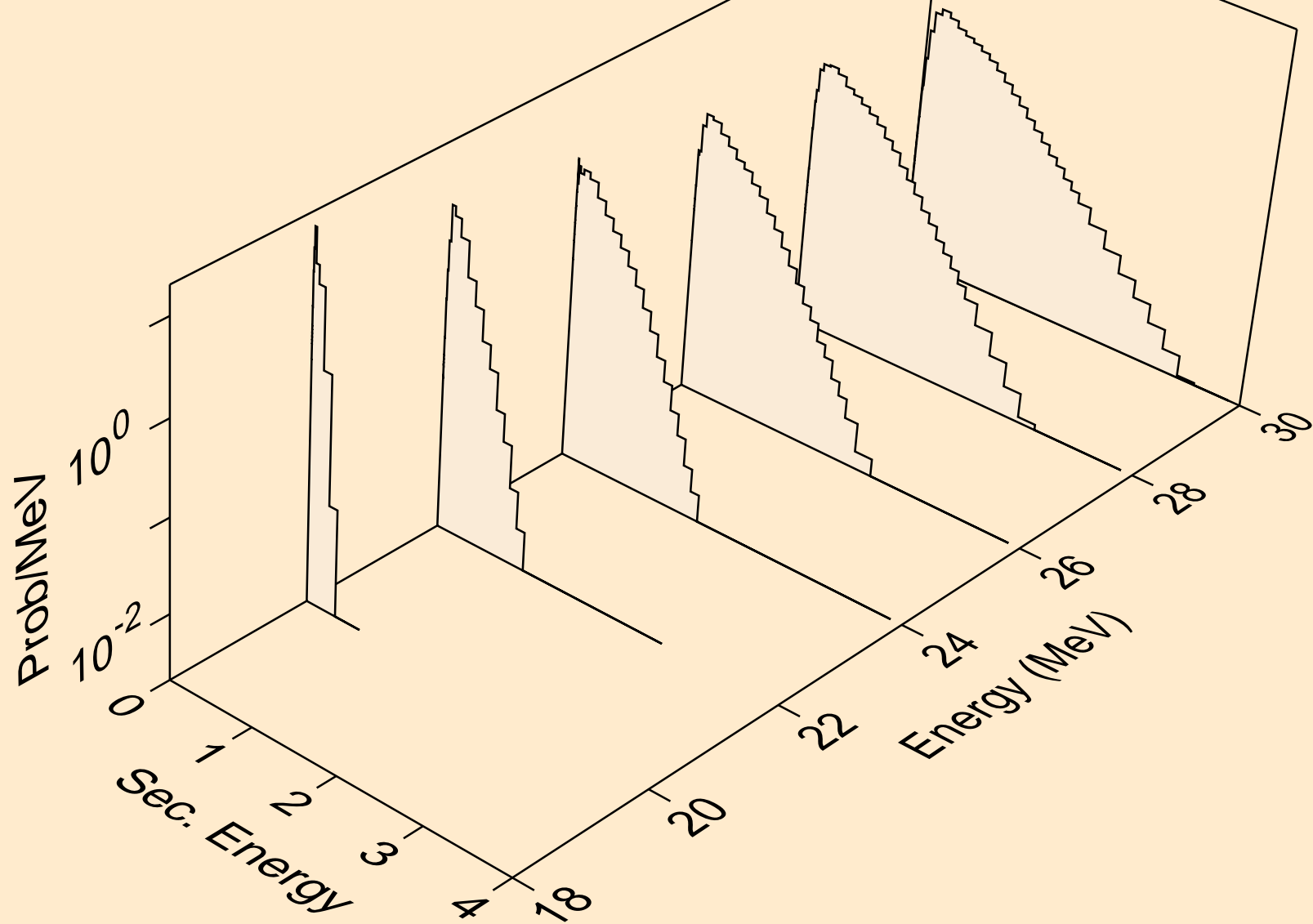
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angular distribution for (n,n\*29)



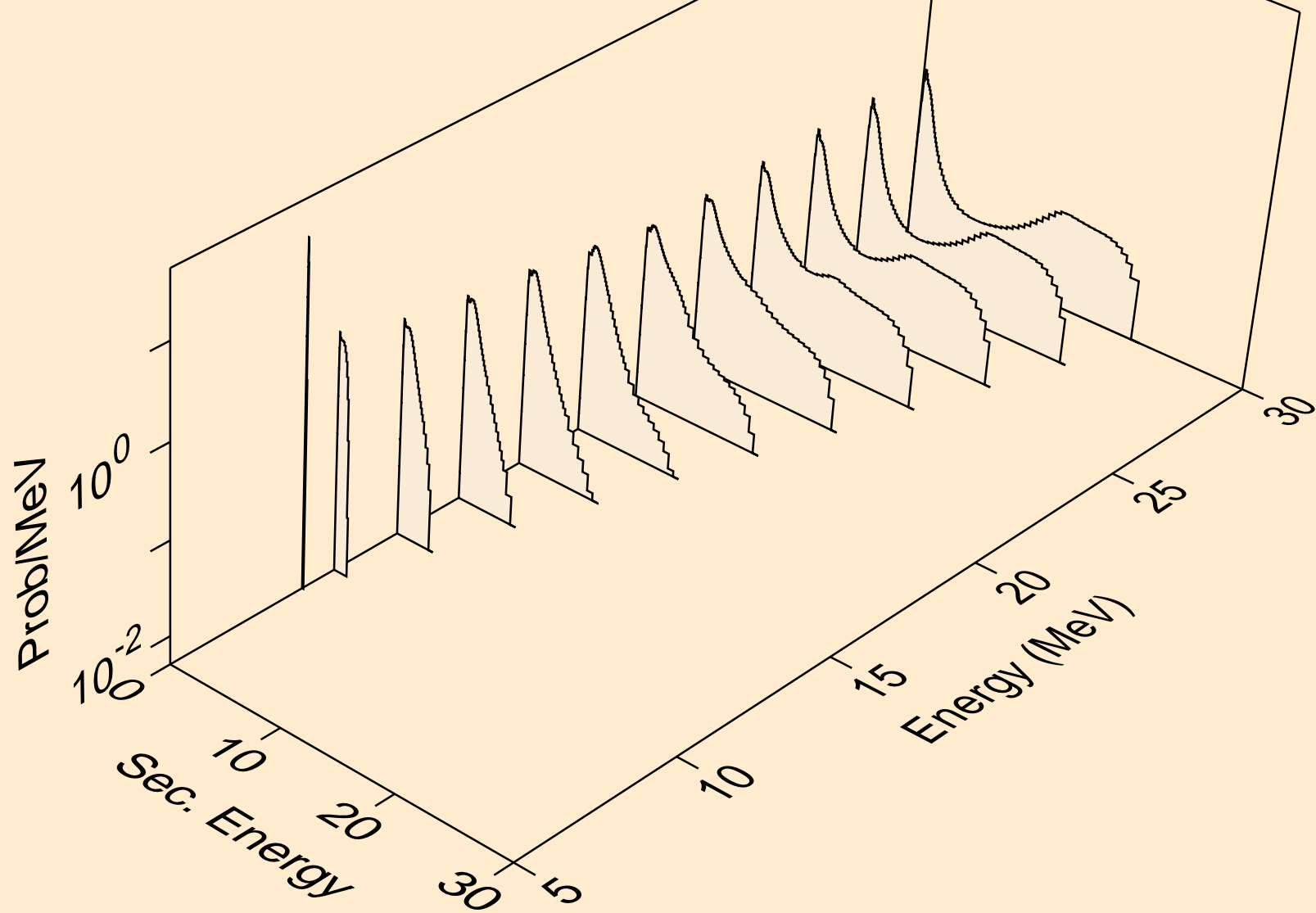
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

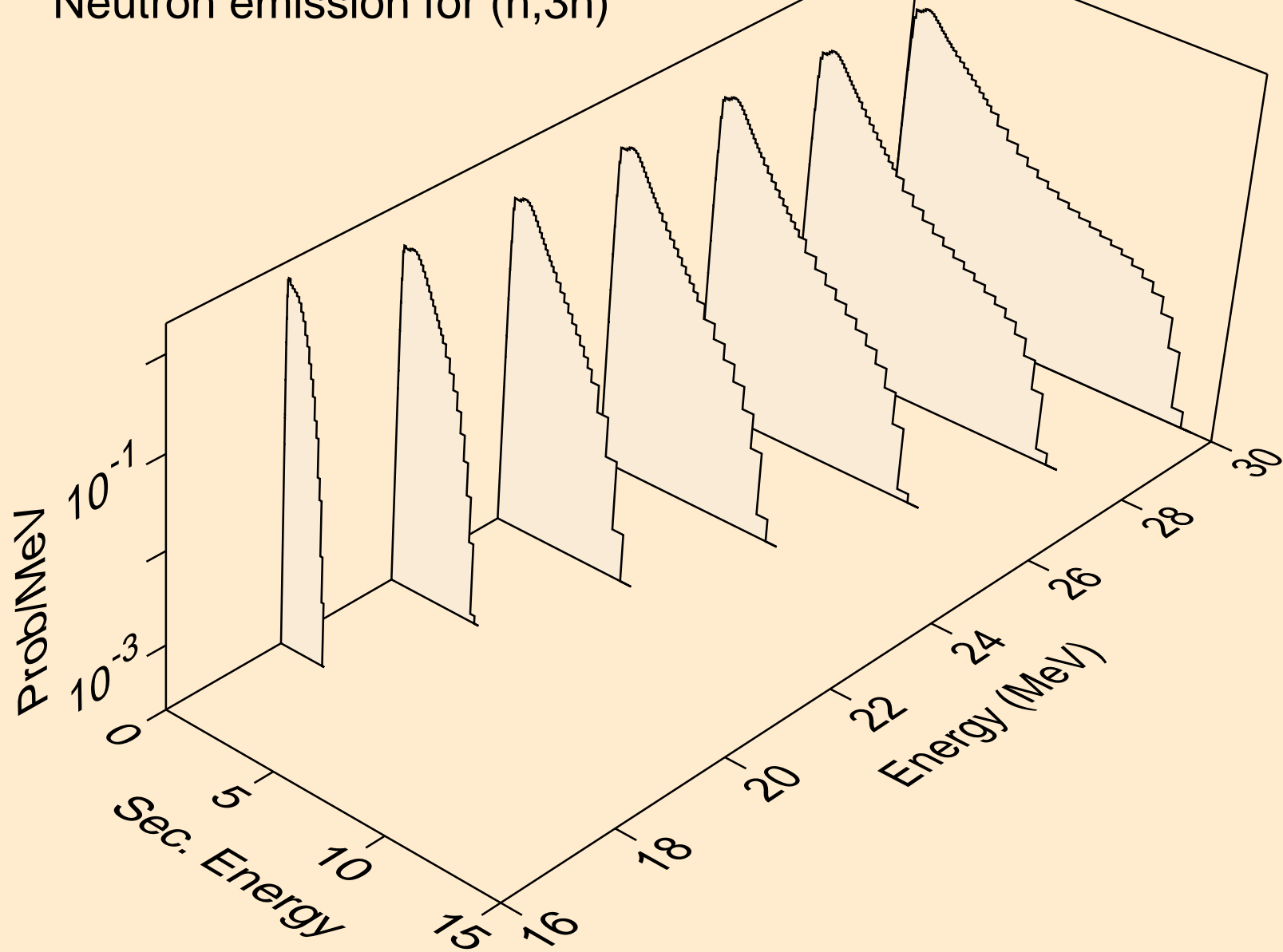


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

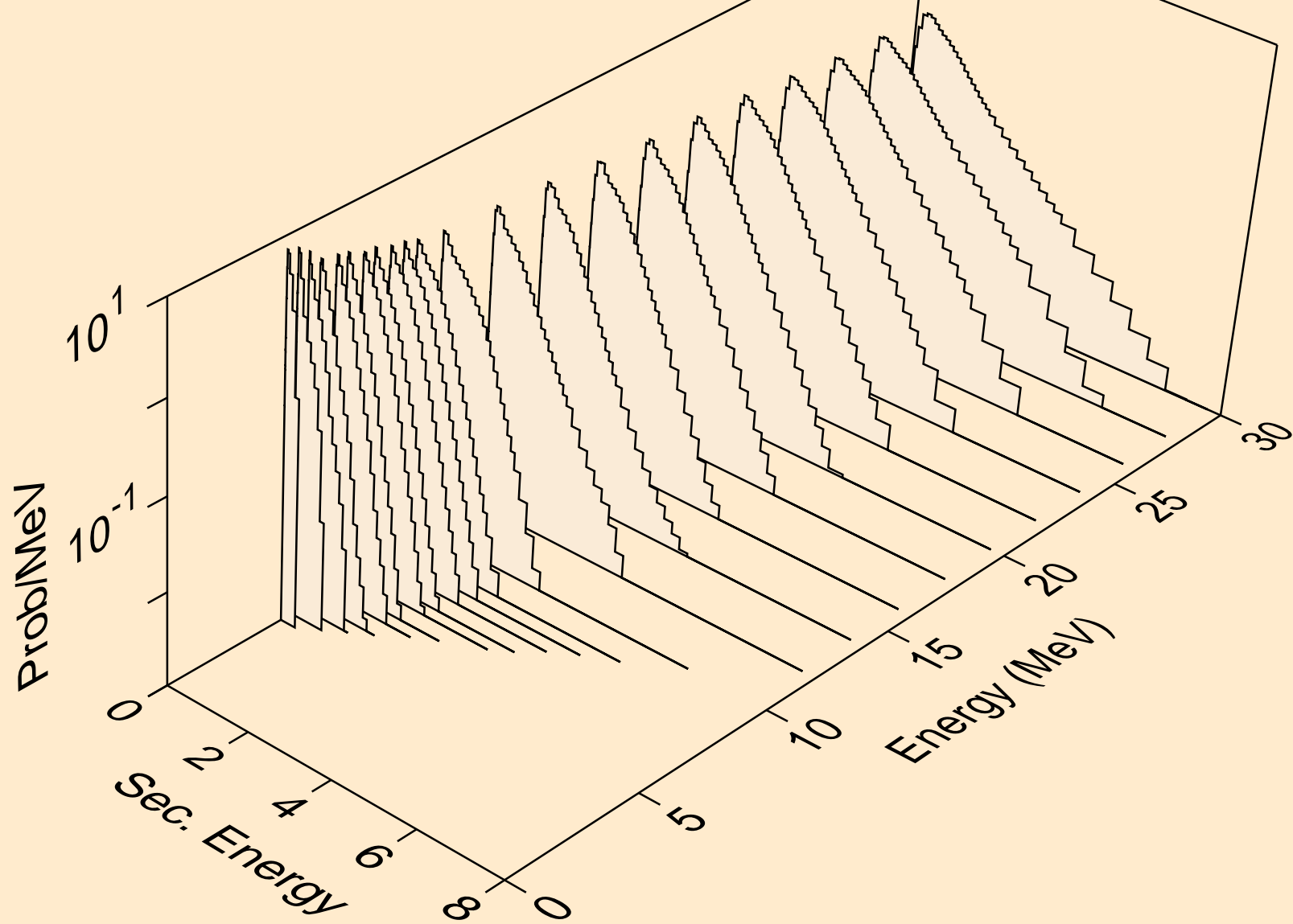




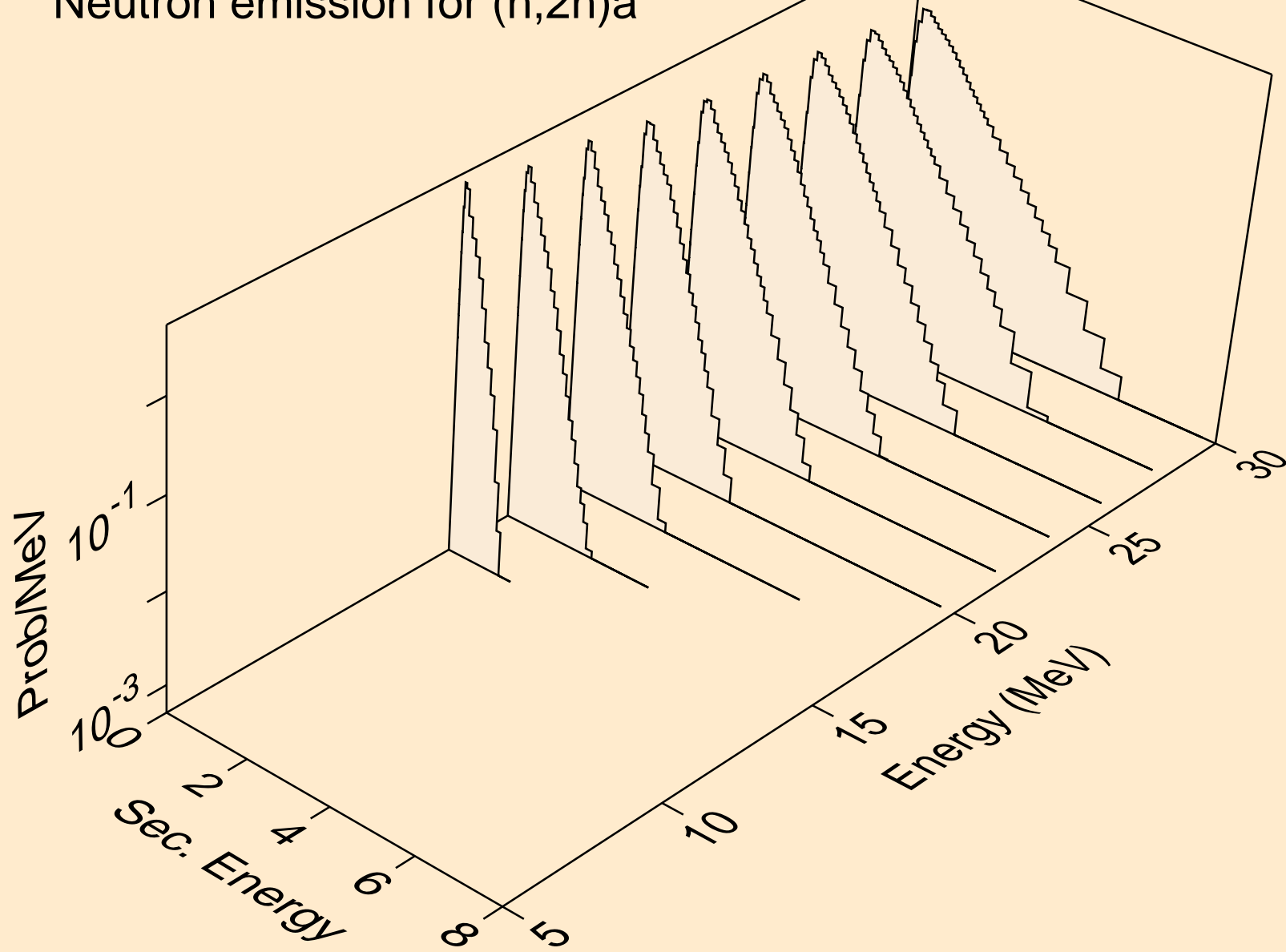
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



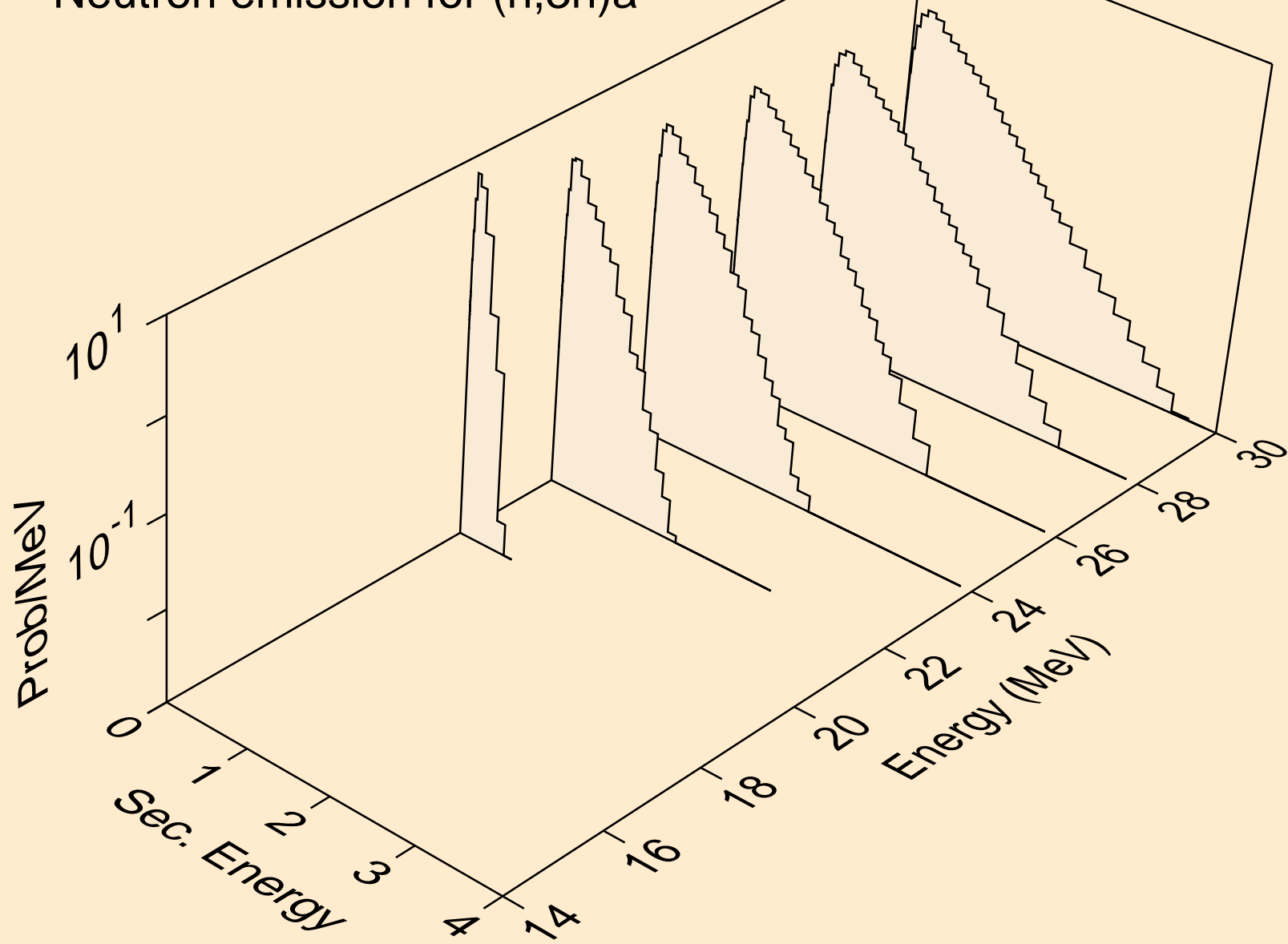
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



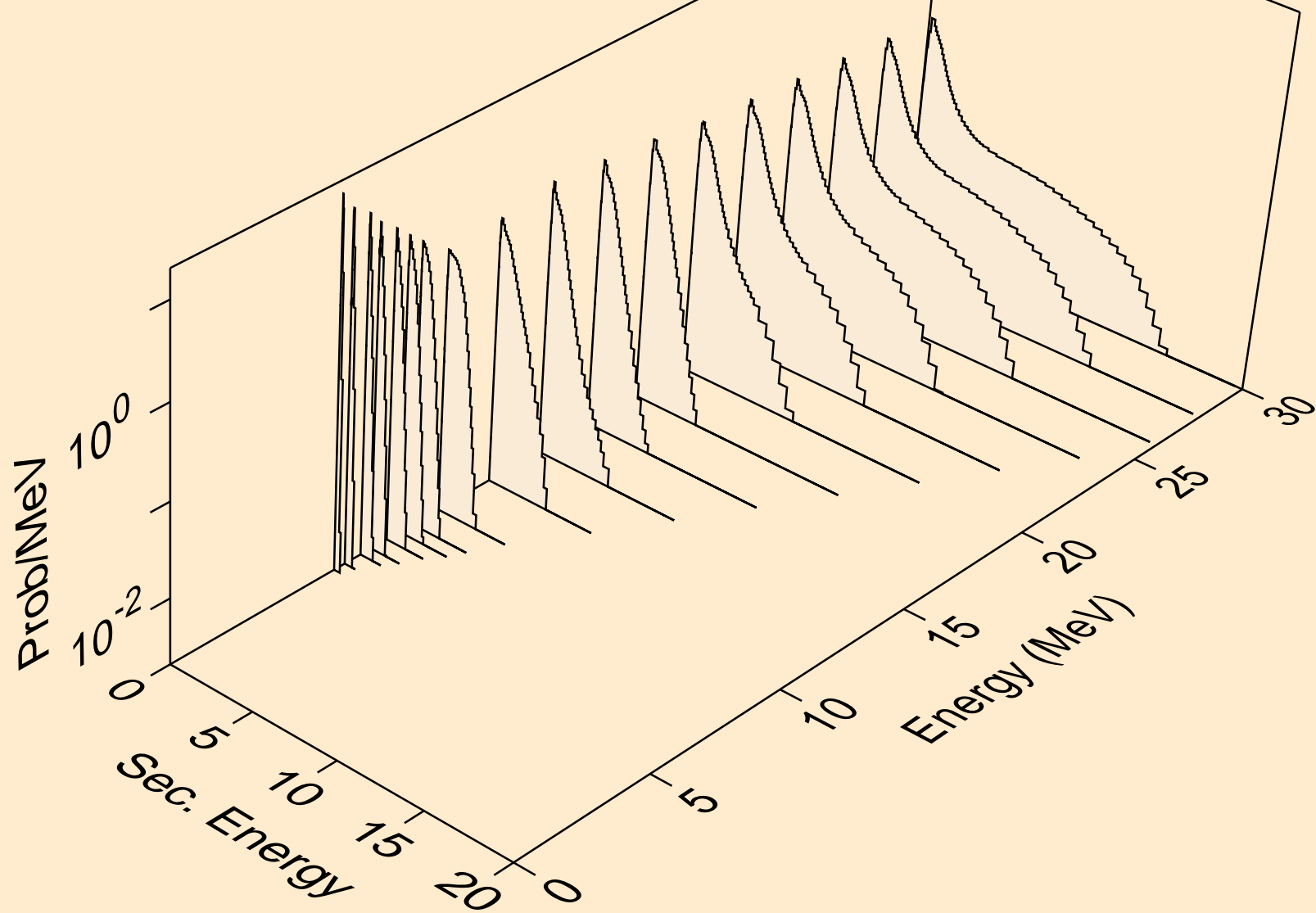
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



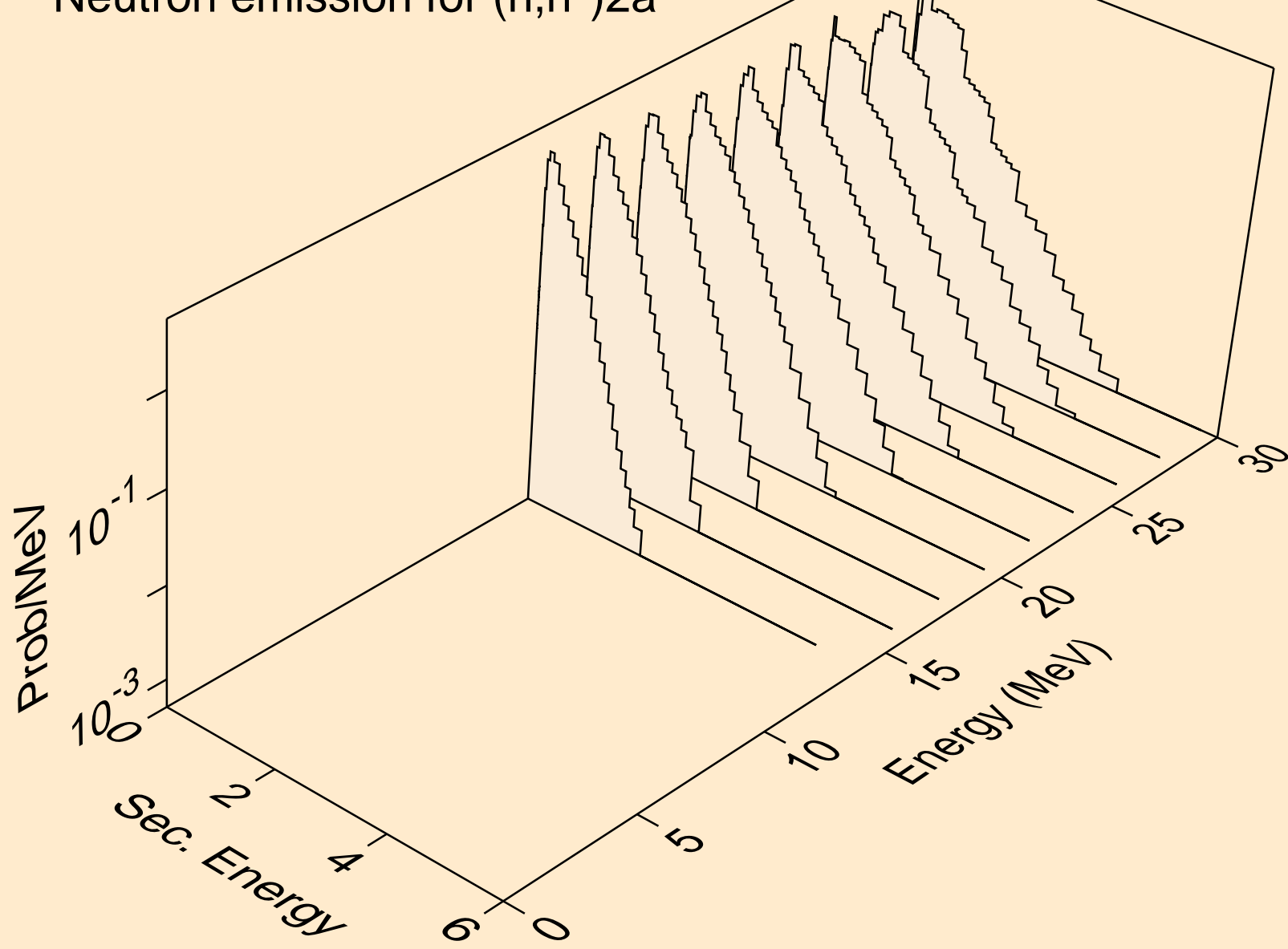
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



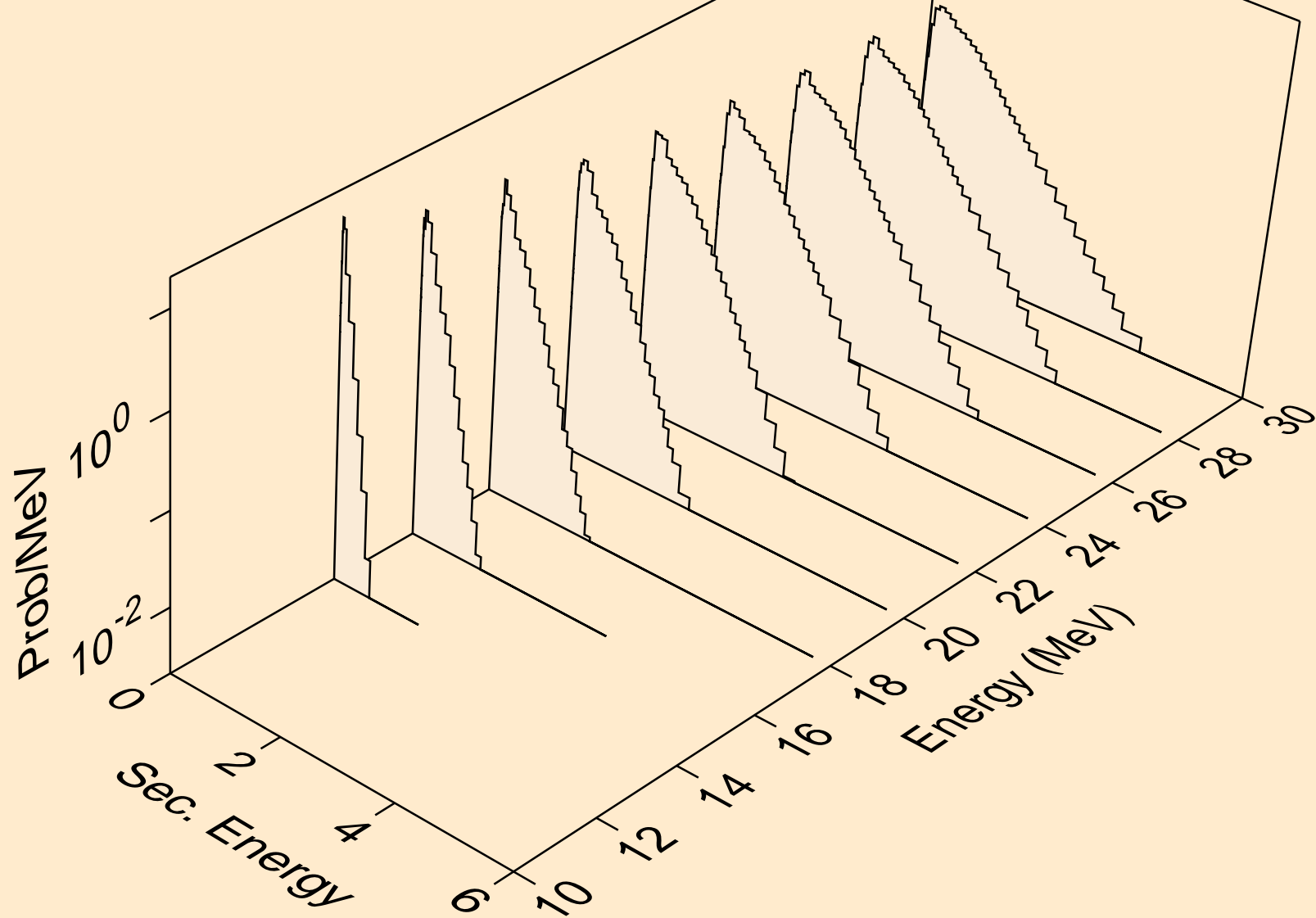
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



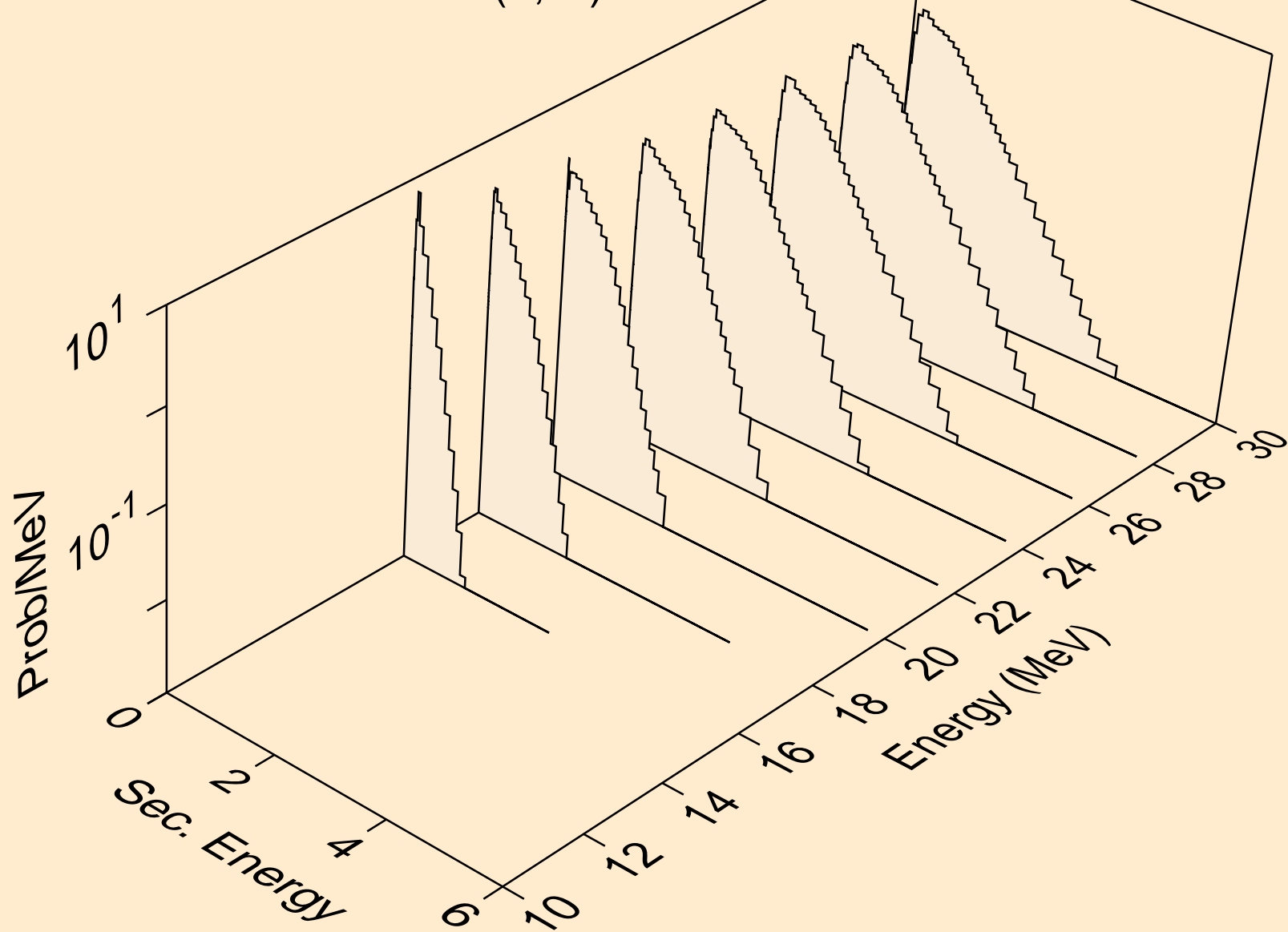
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

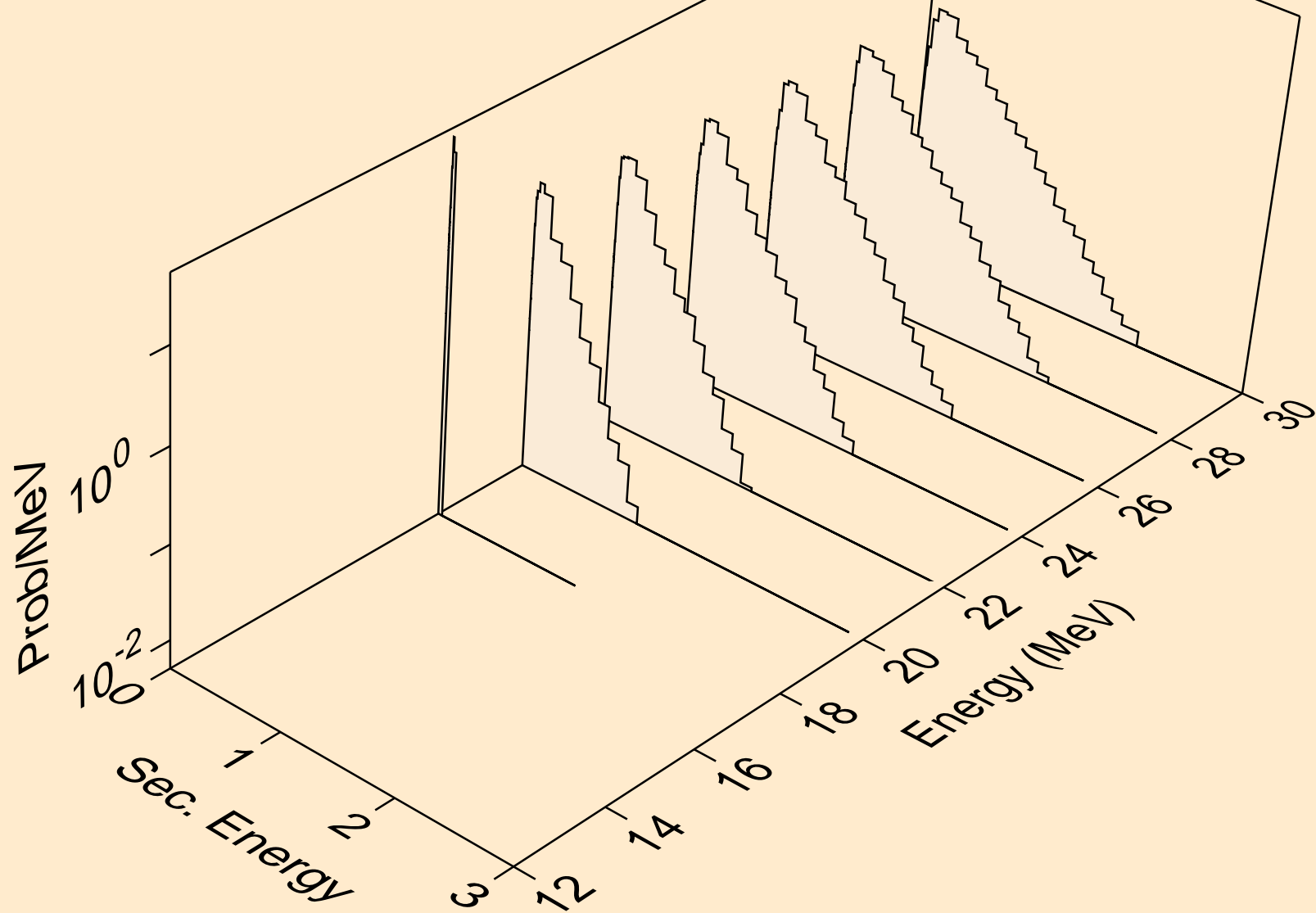


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

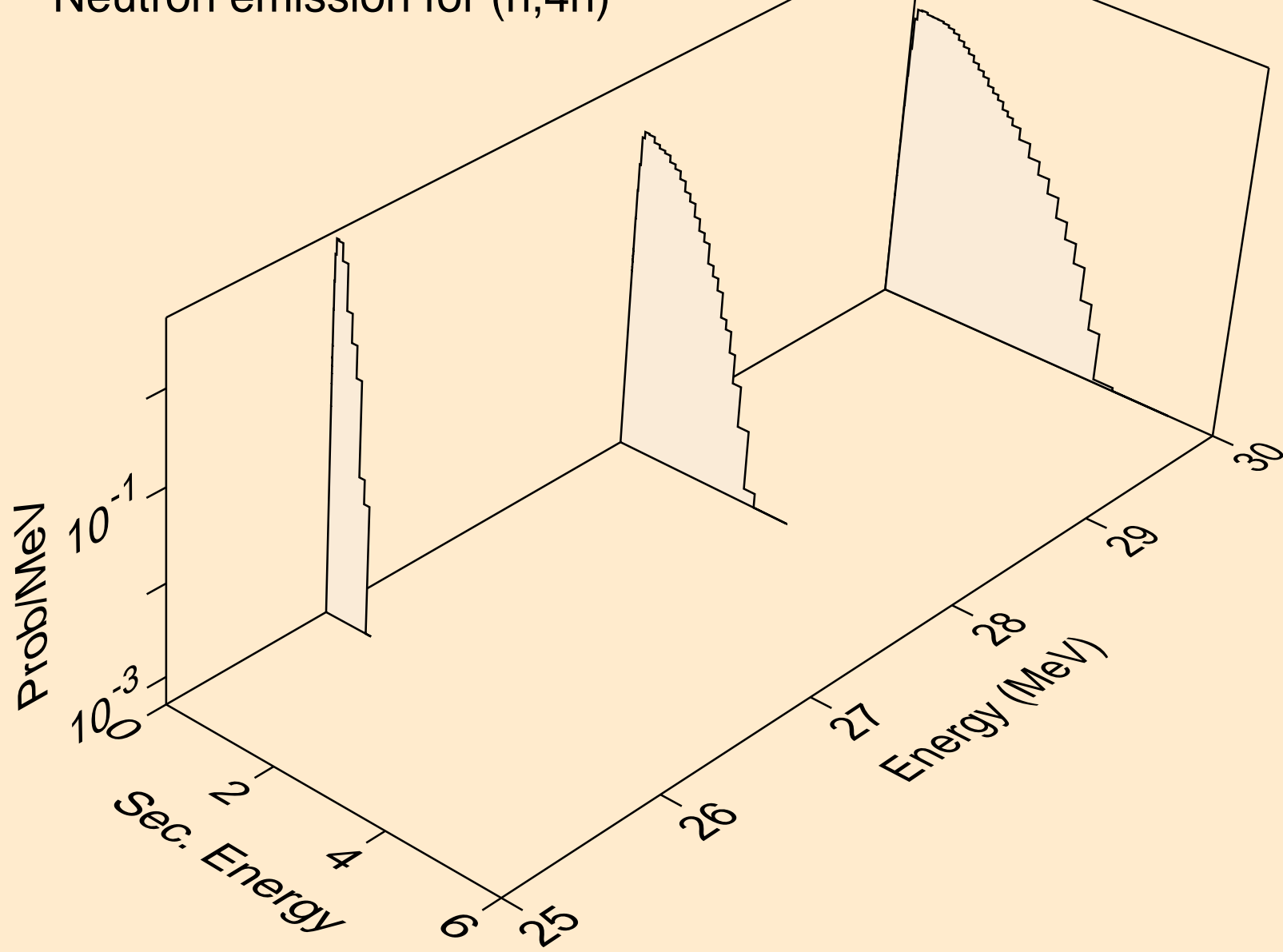




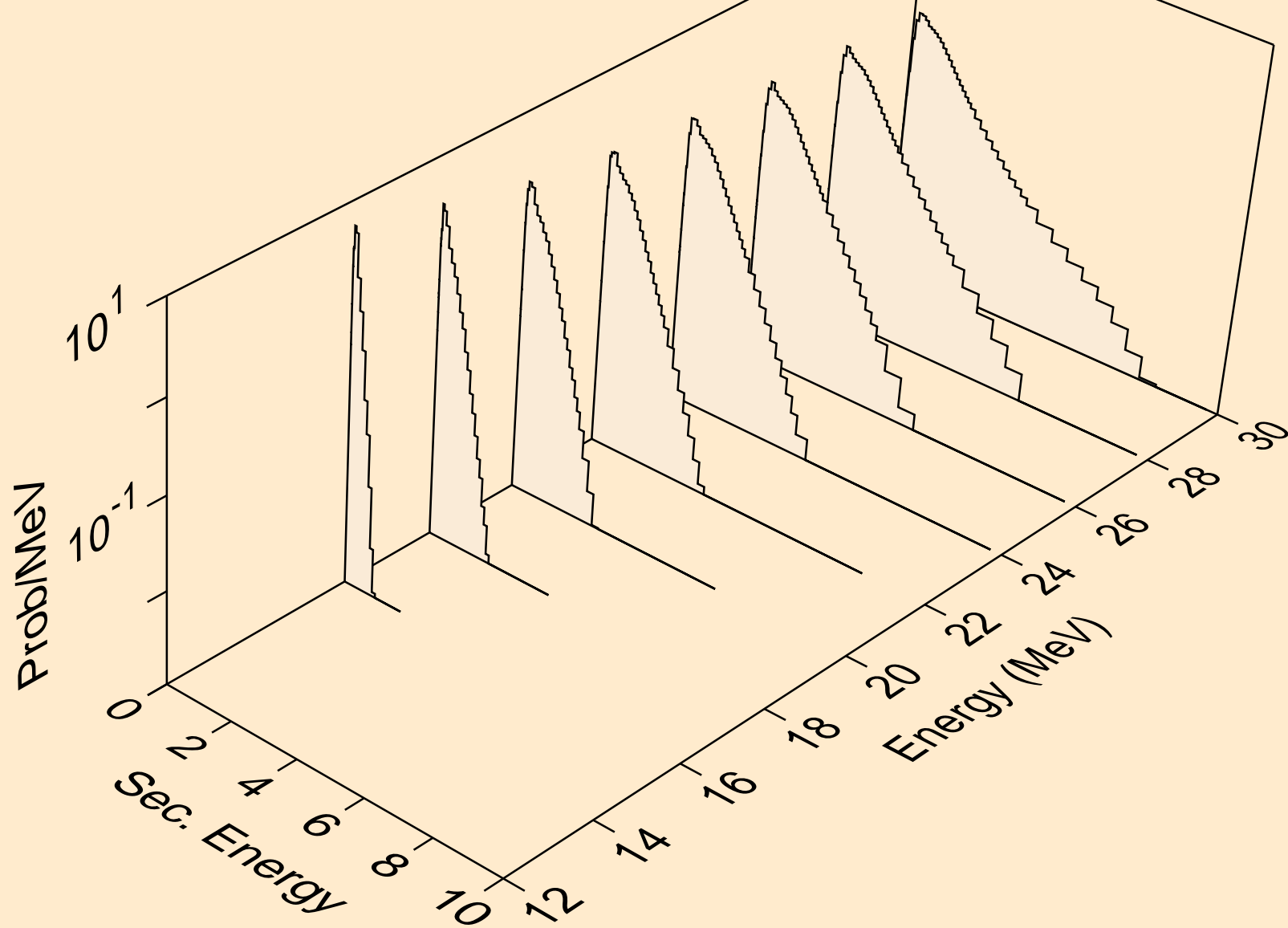
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



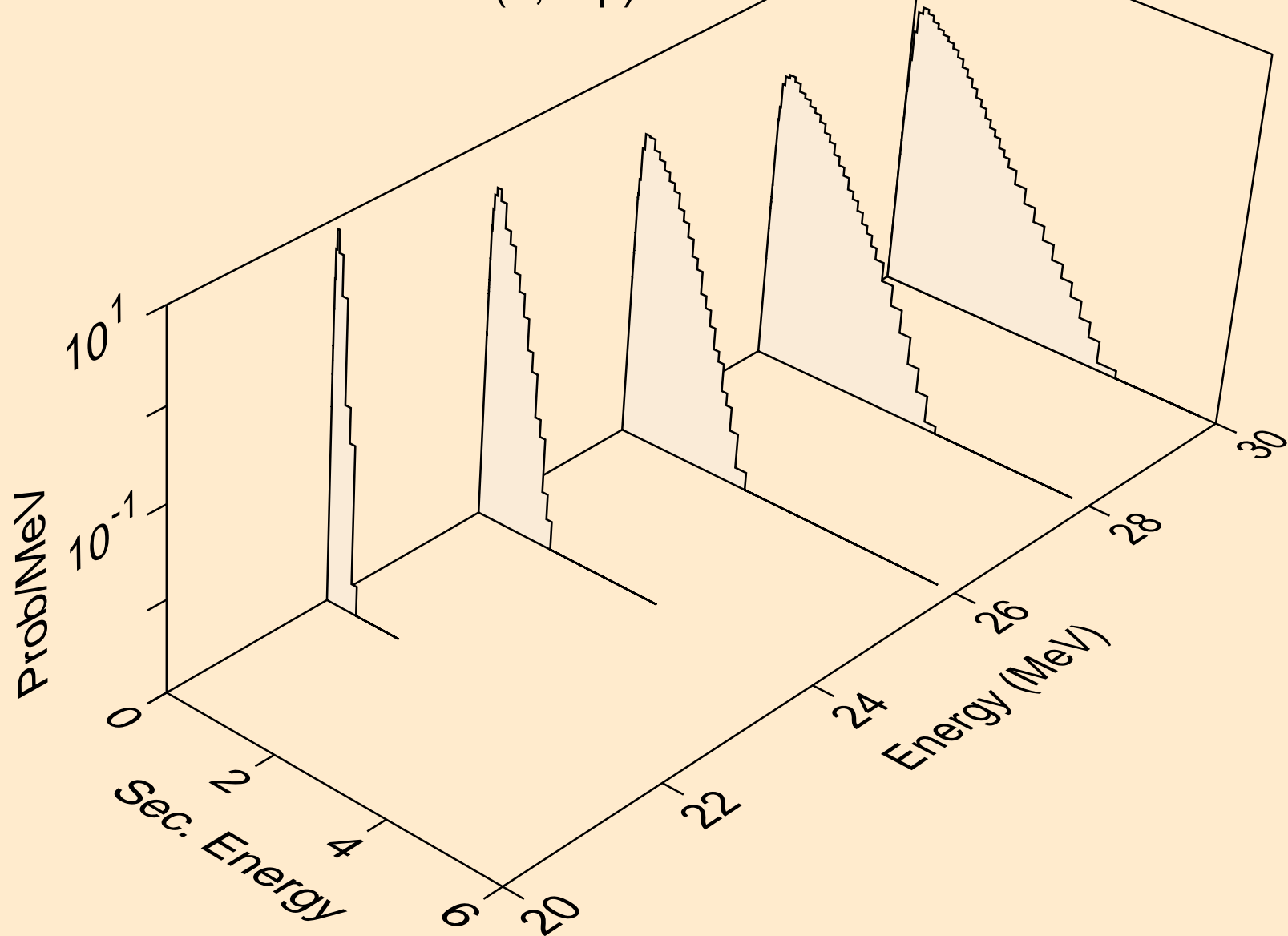
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



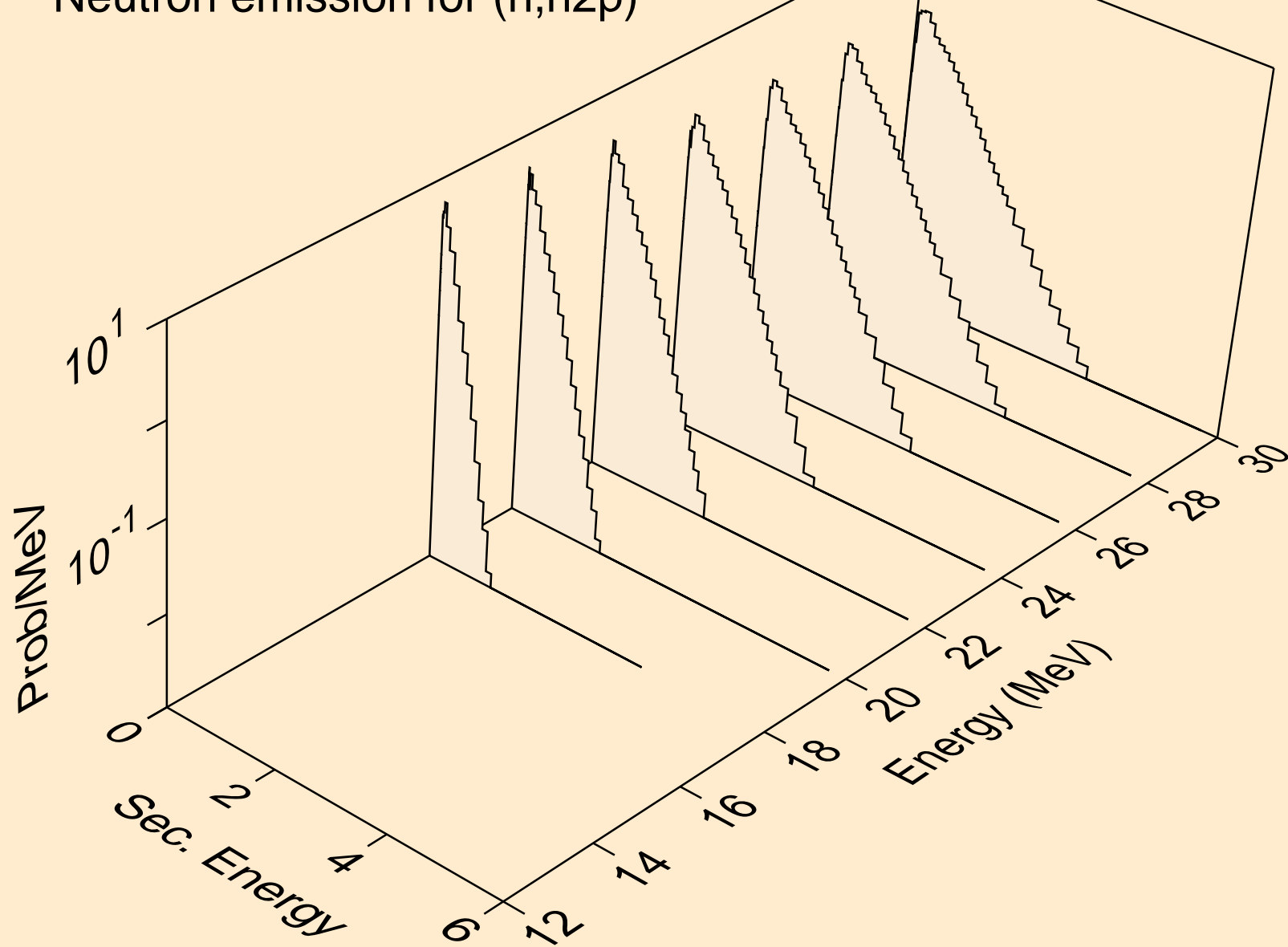
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



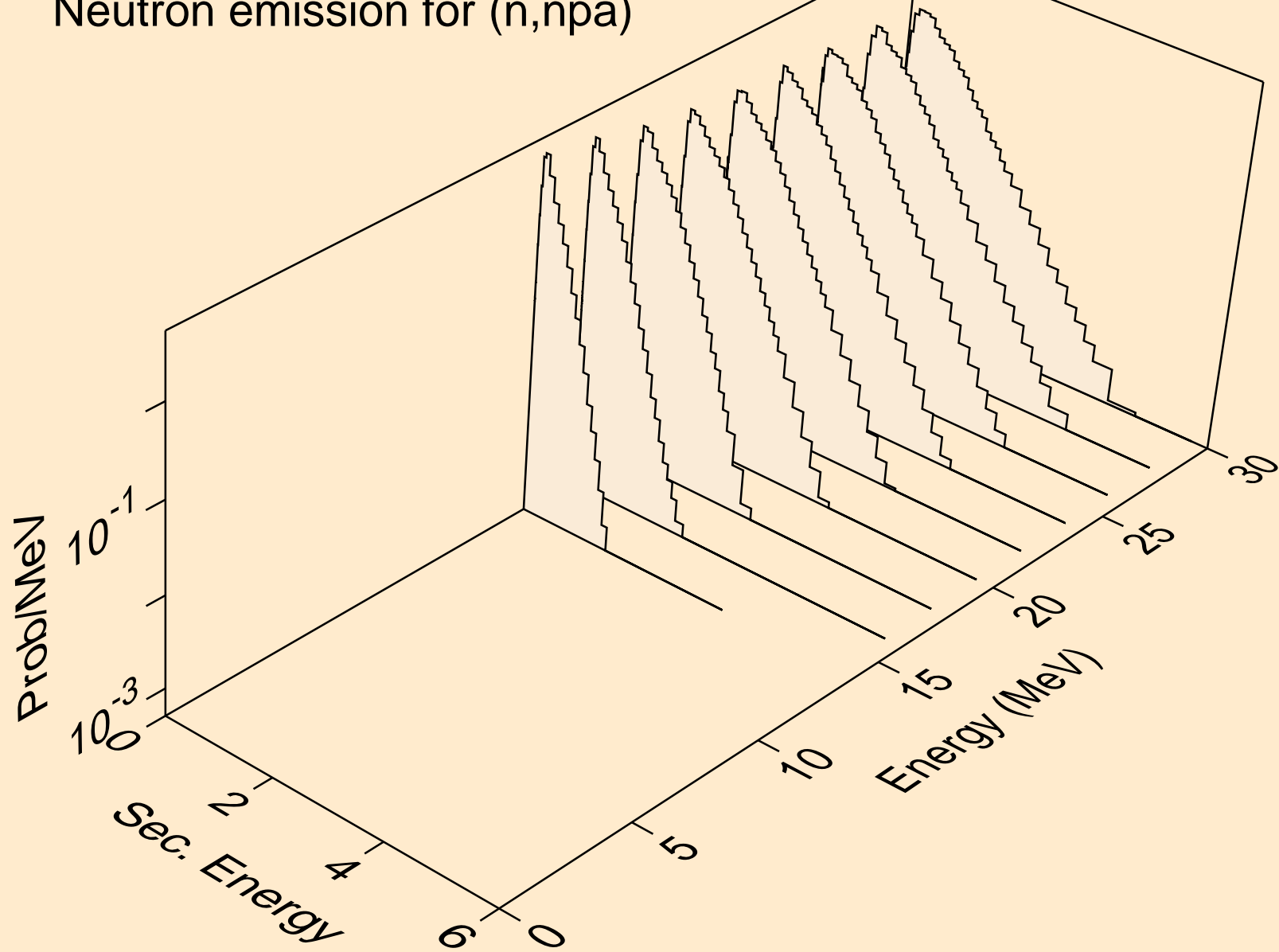
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



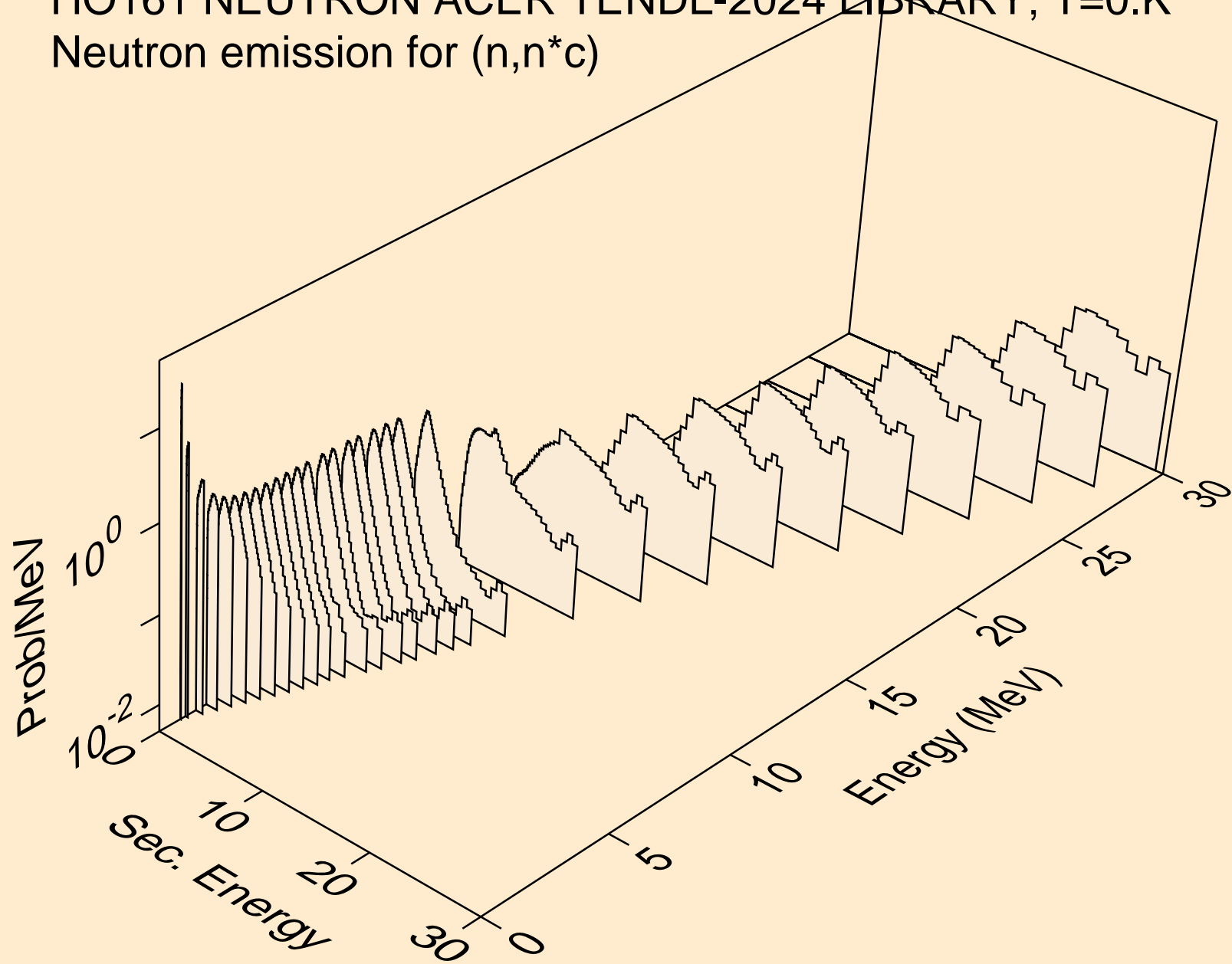
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Neutron emission for (n,n2p)



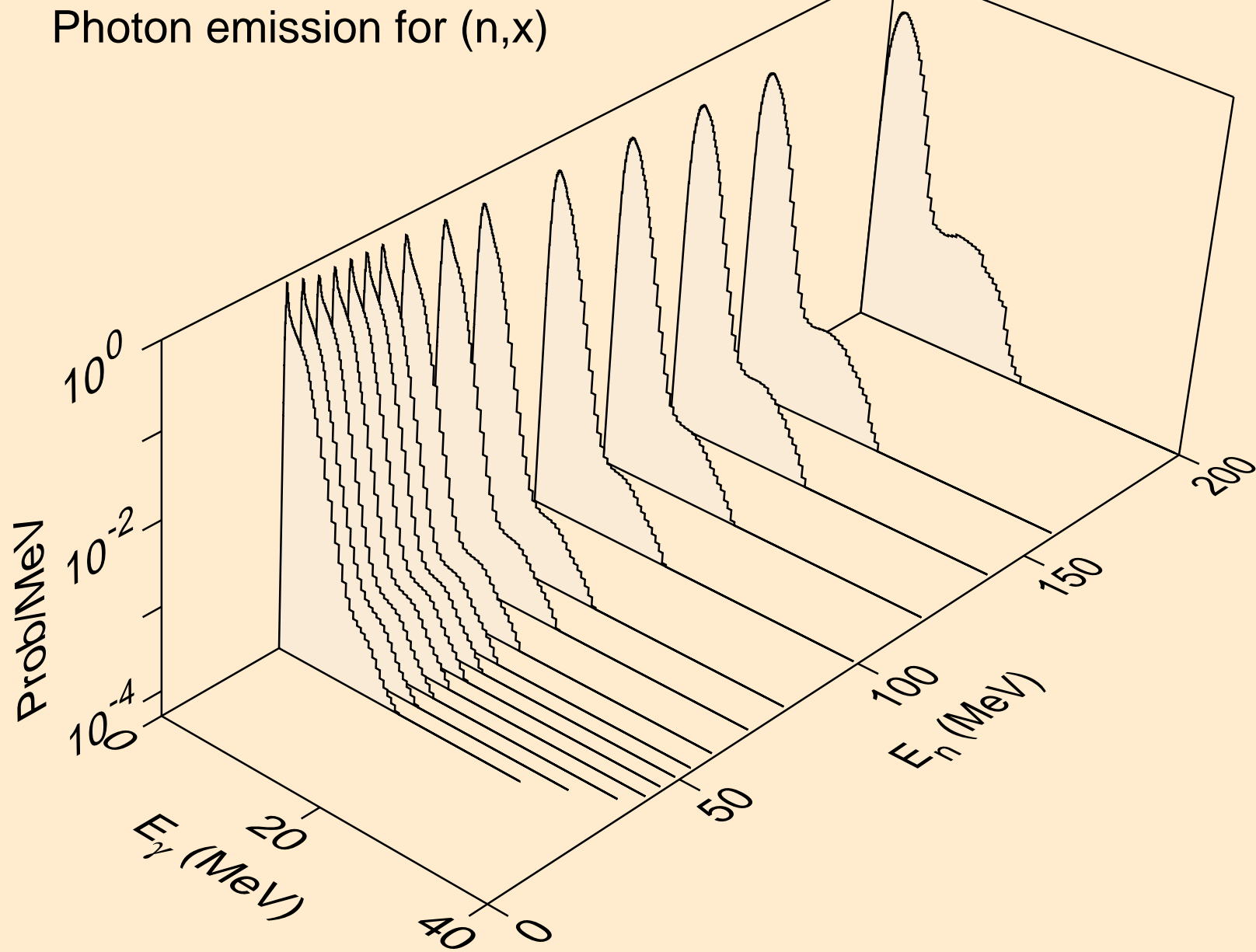
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

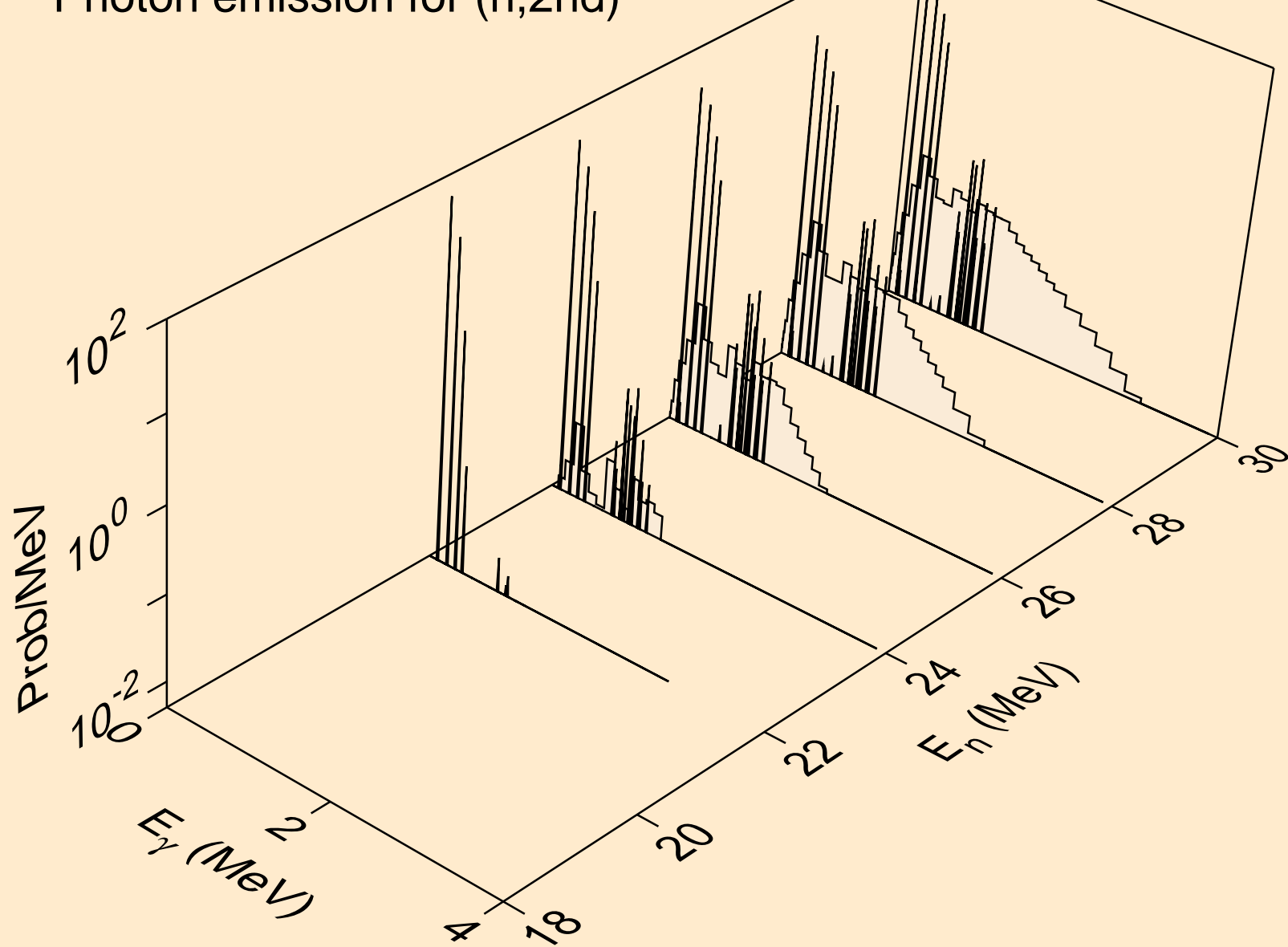


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

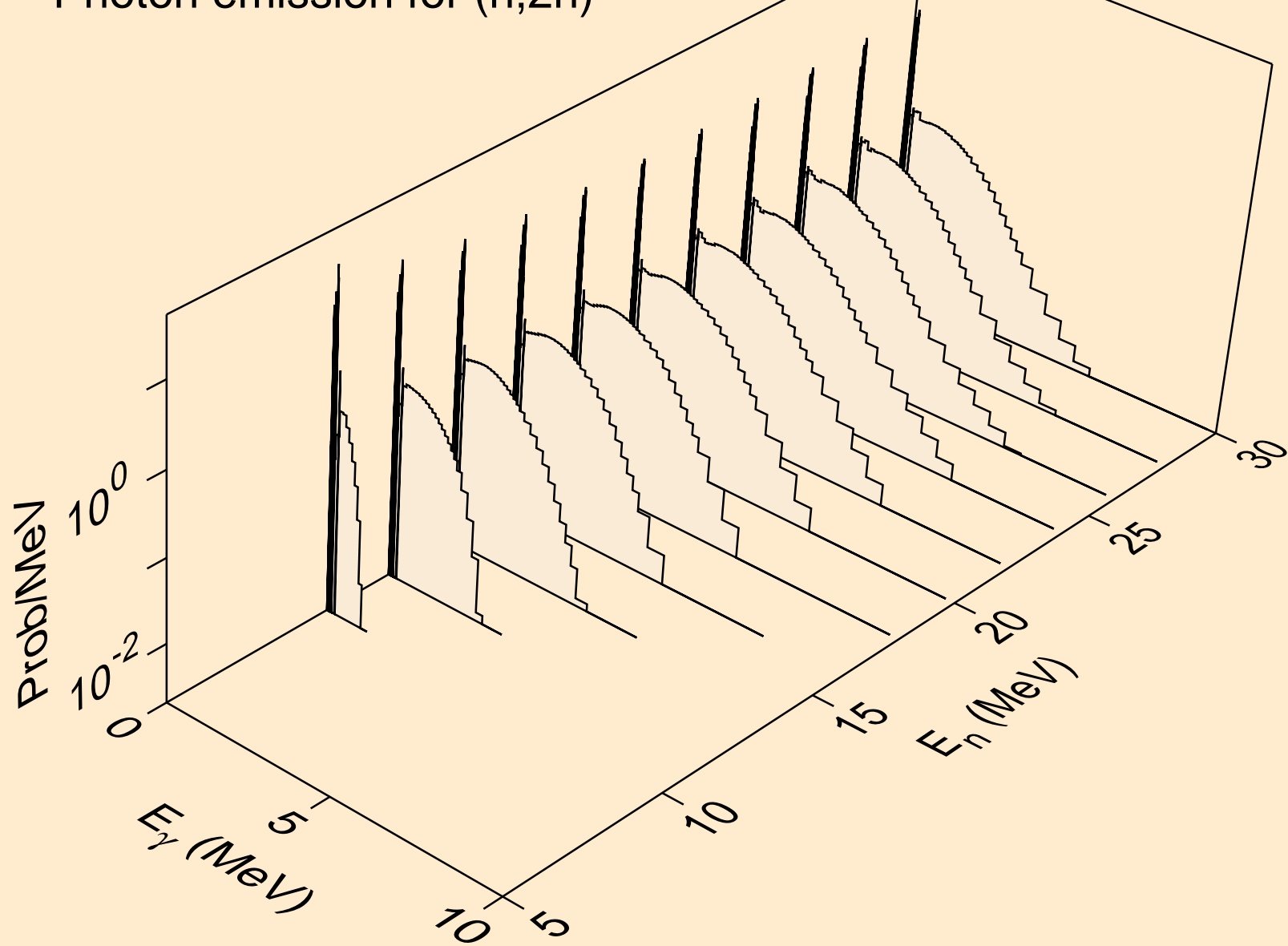




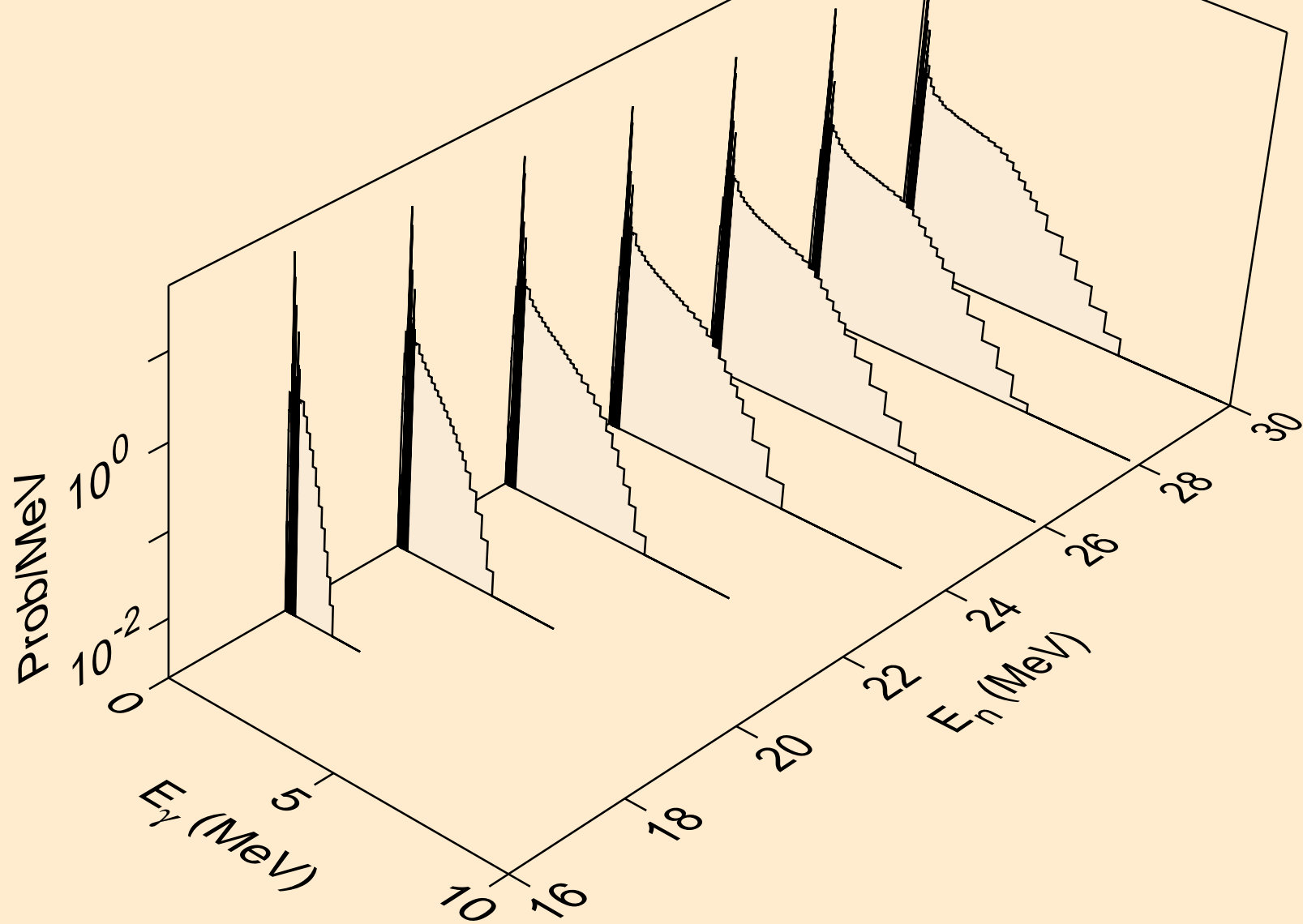
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



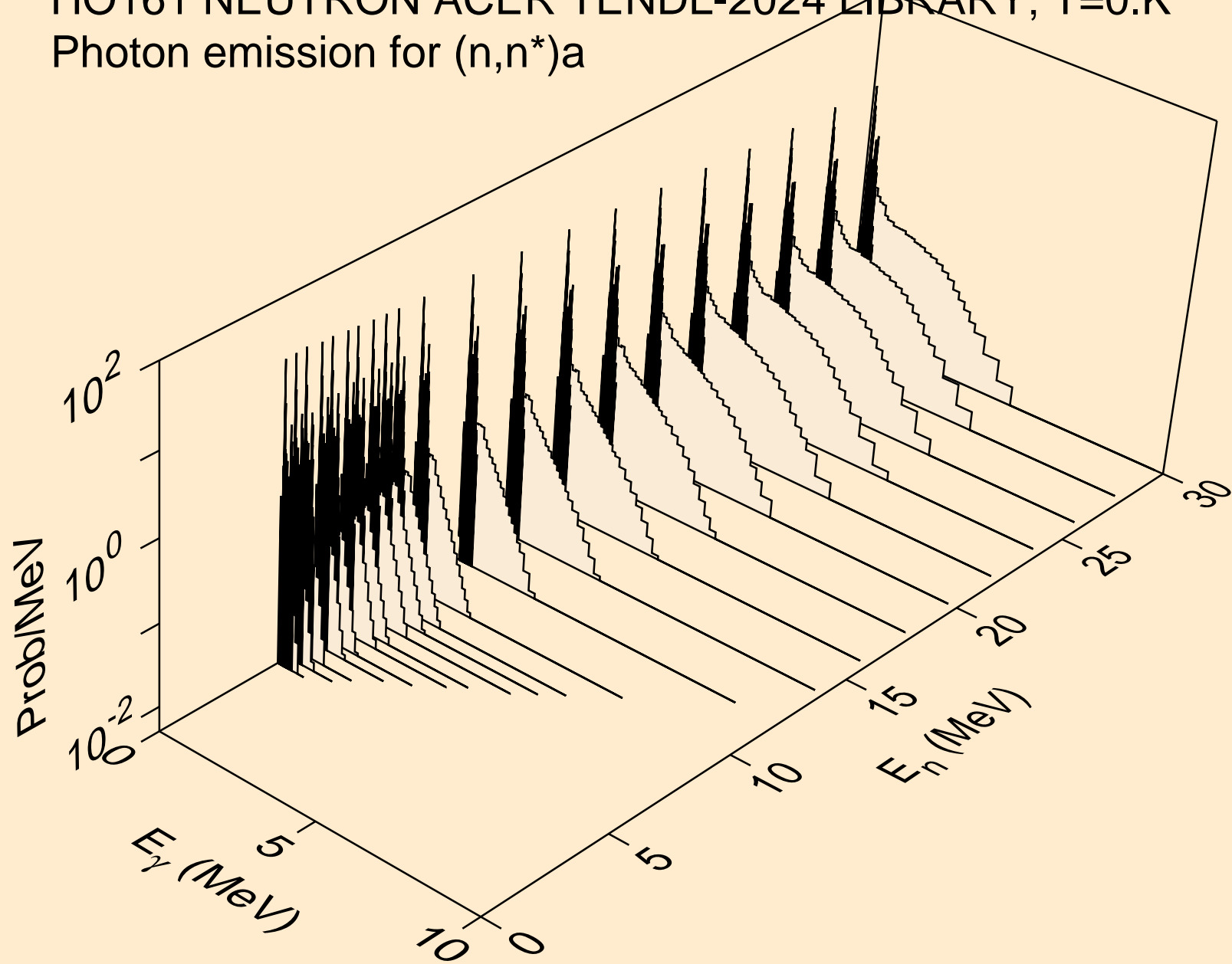
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Photon emission for (n,2n)



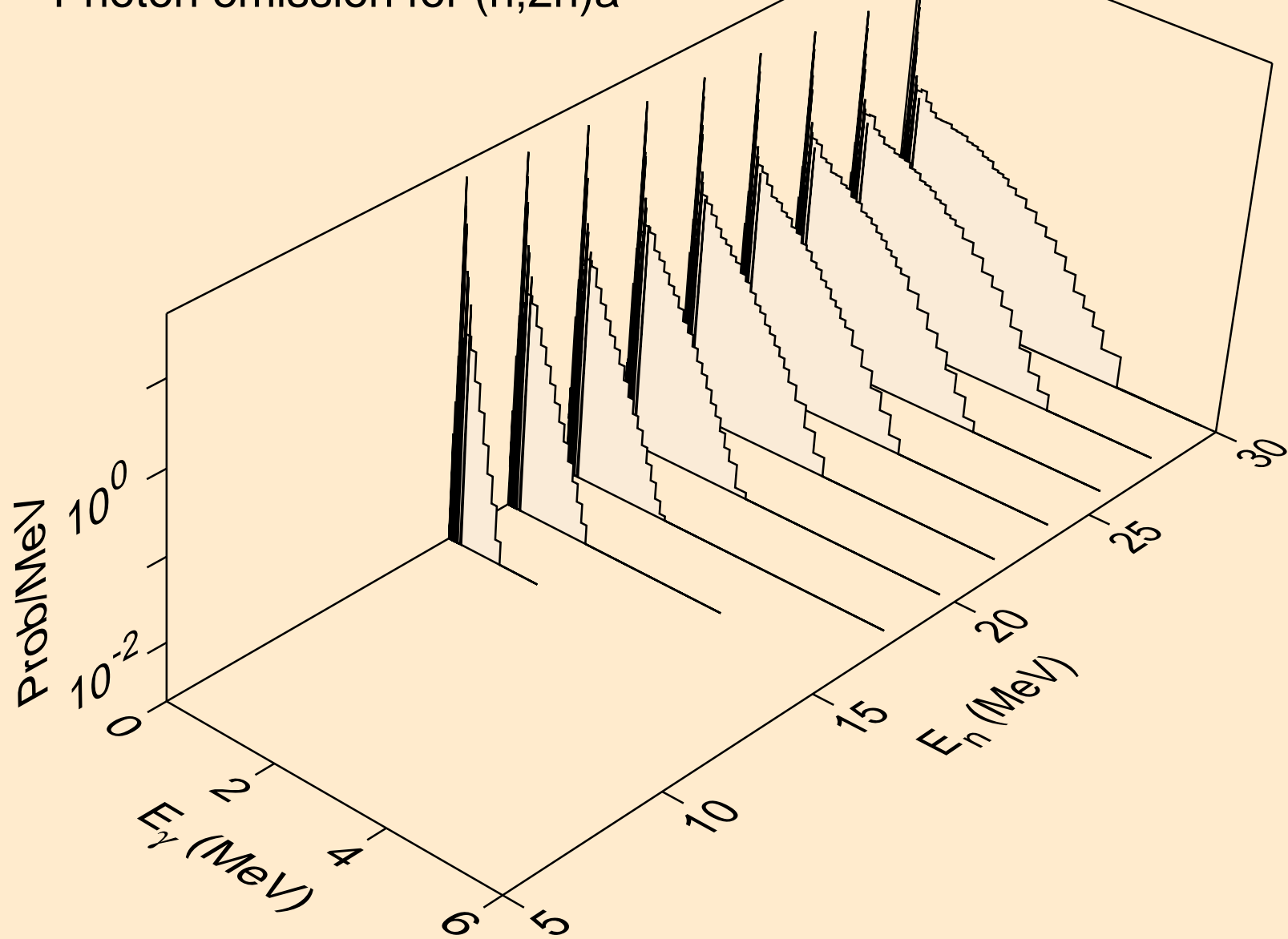
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Photon emission for (n,3n)



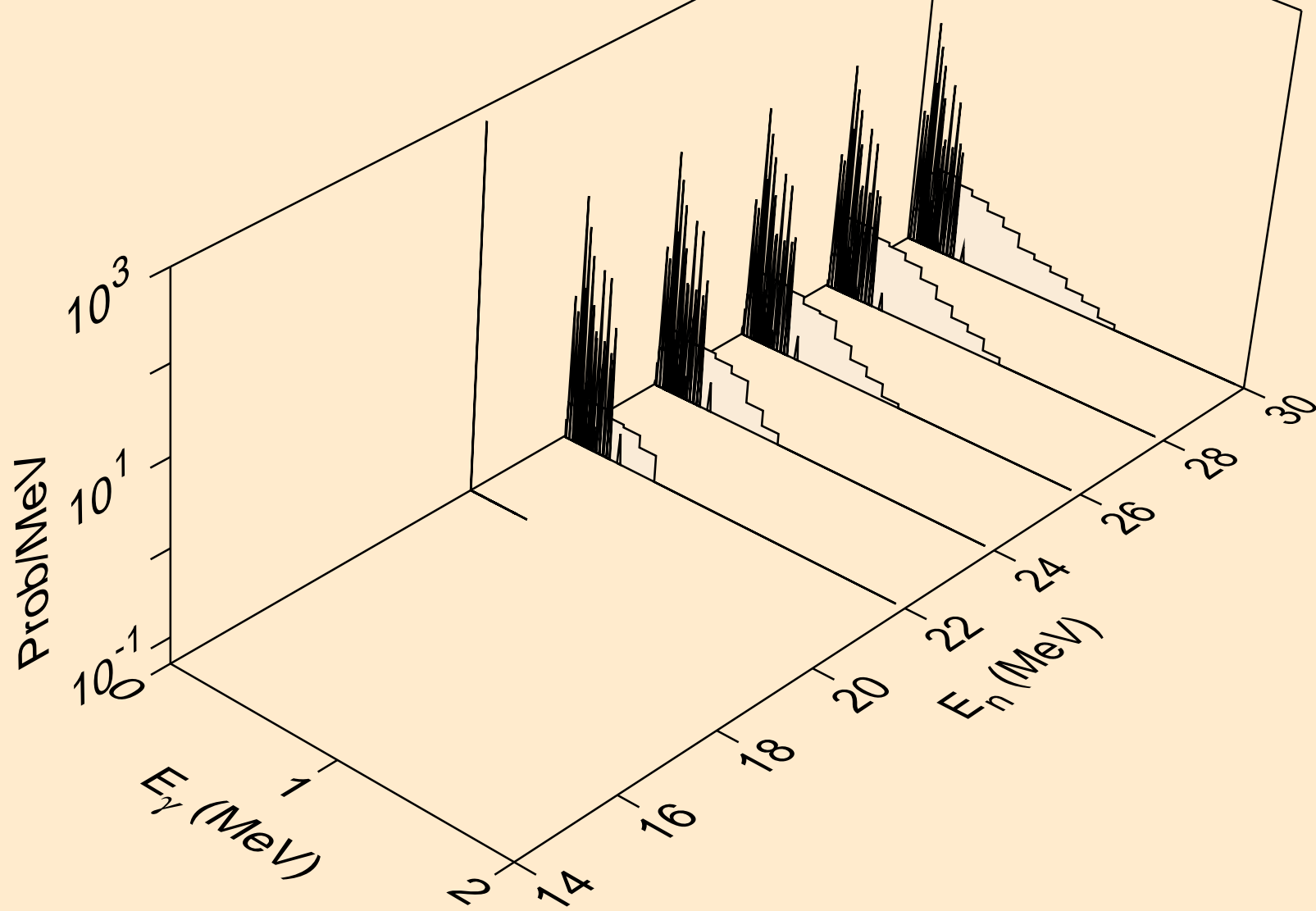
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Photon emission for (n,n\*)a



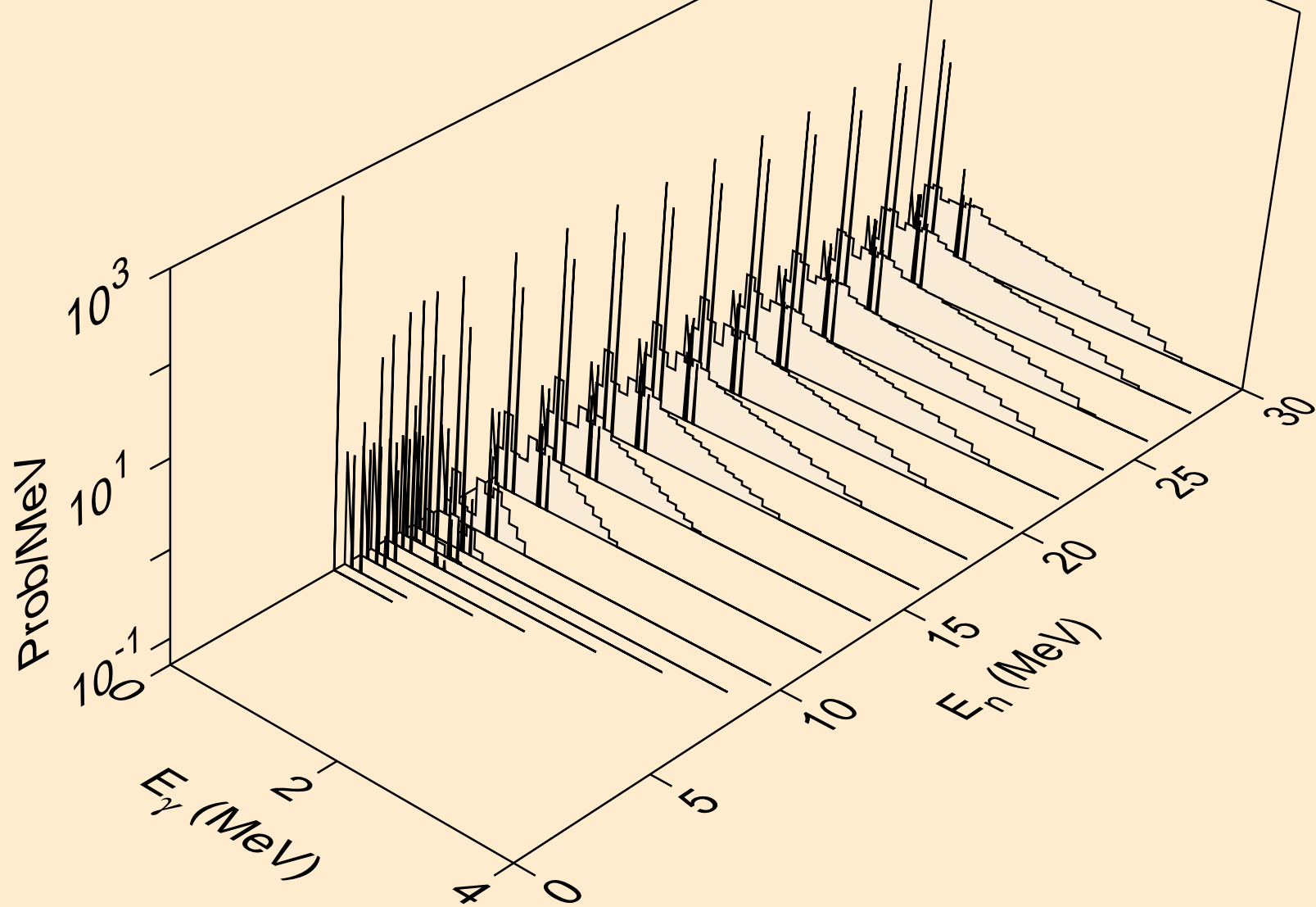
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Photon emission for (n,2n)a



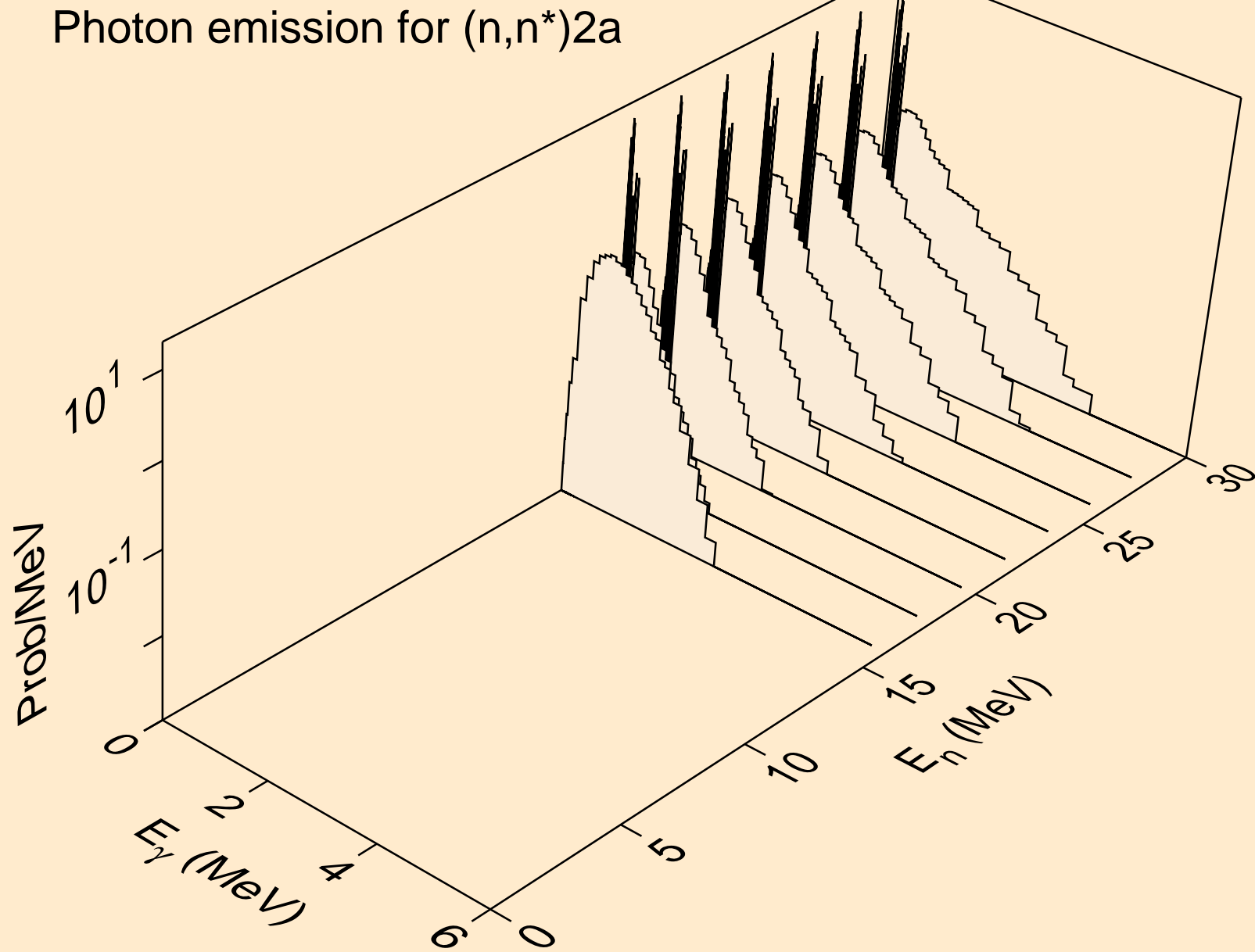
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

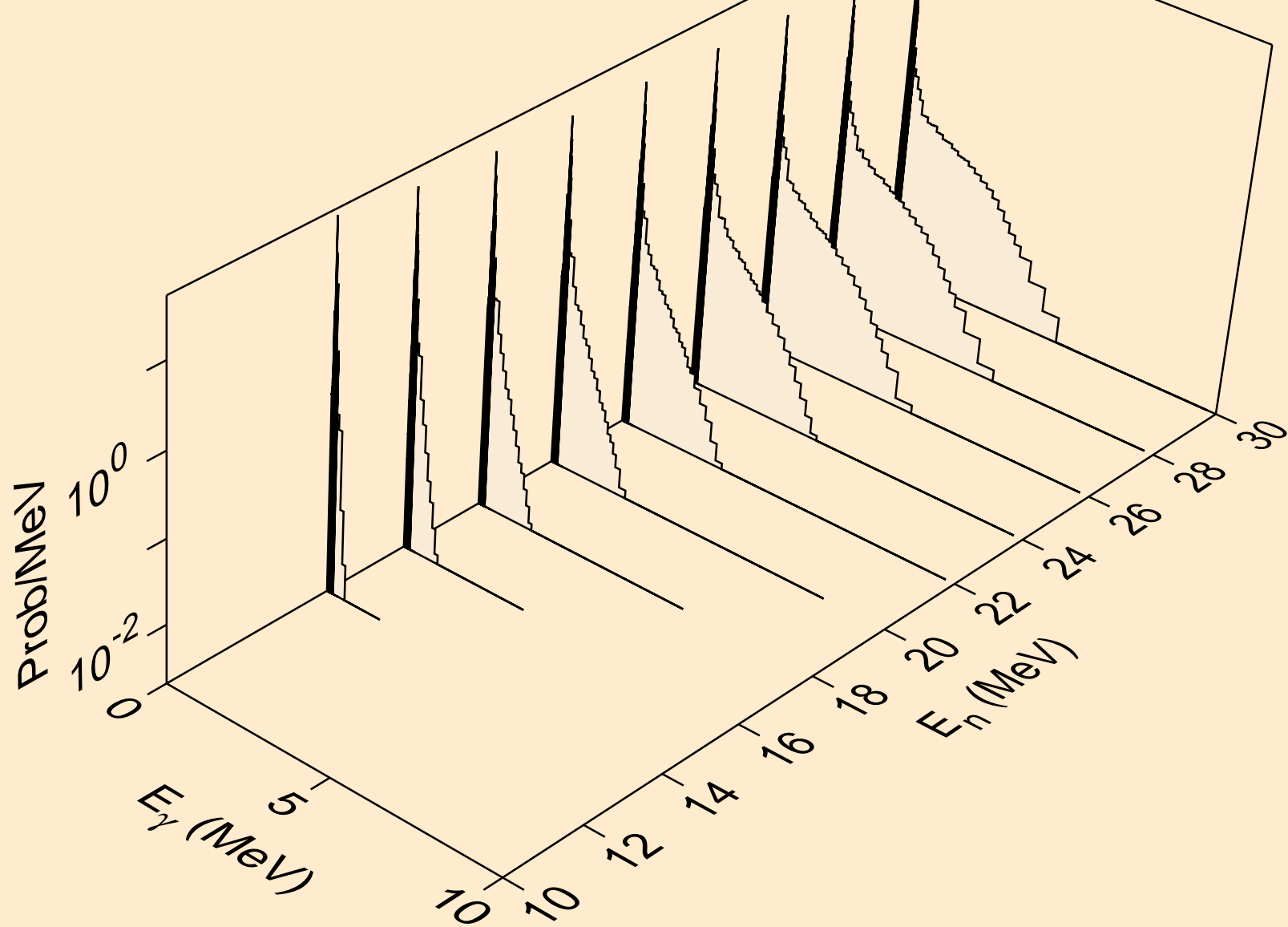


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

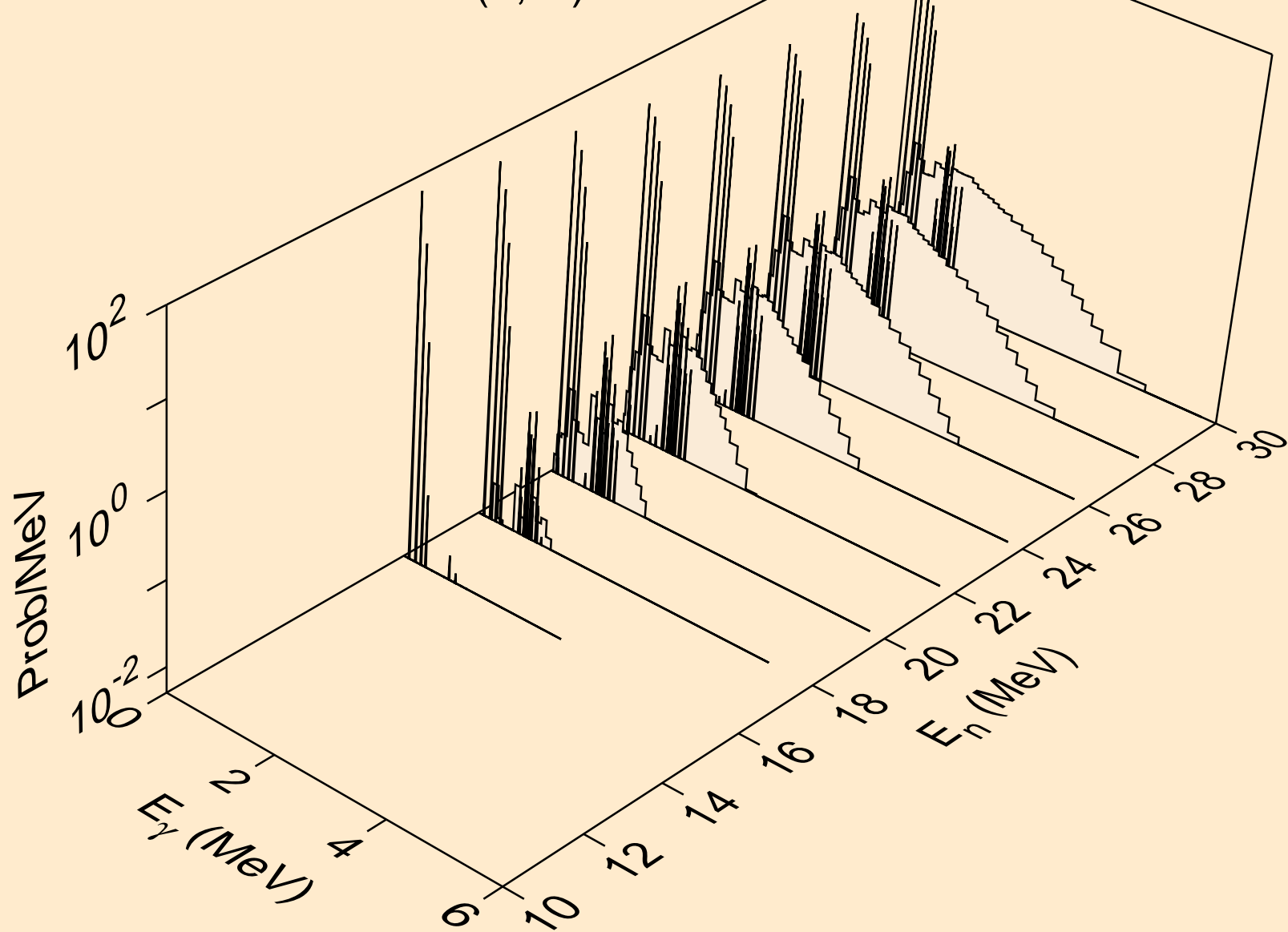




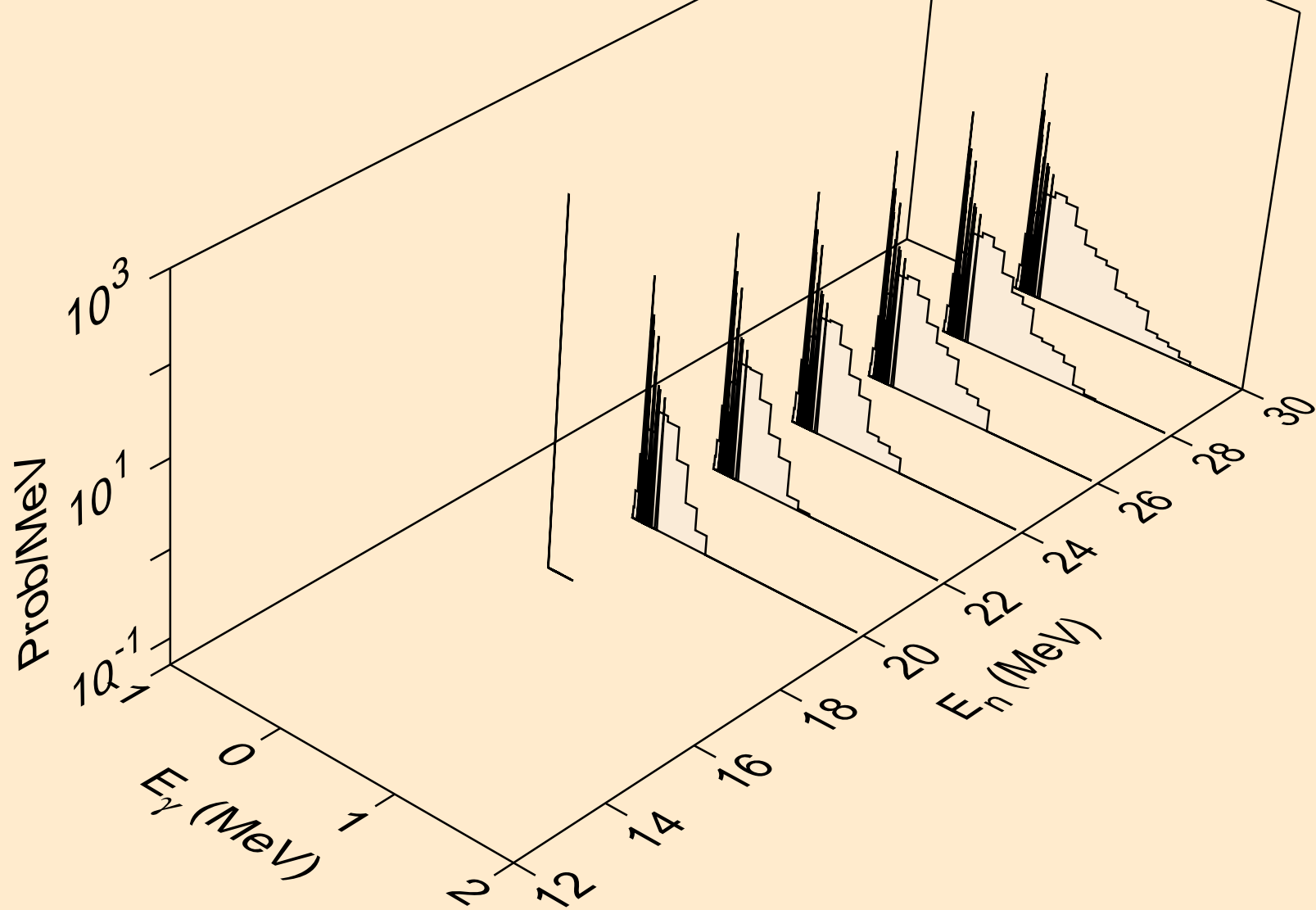
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



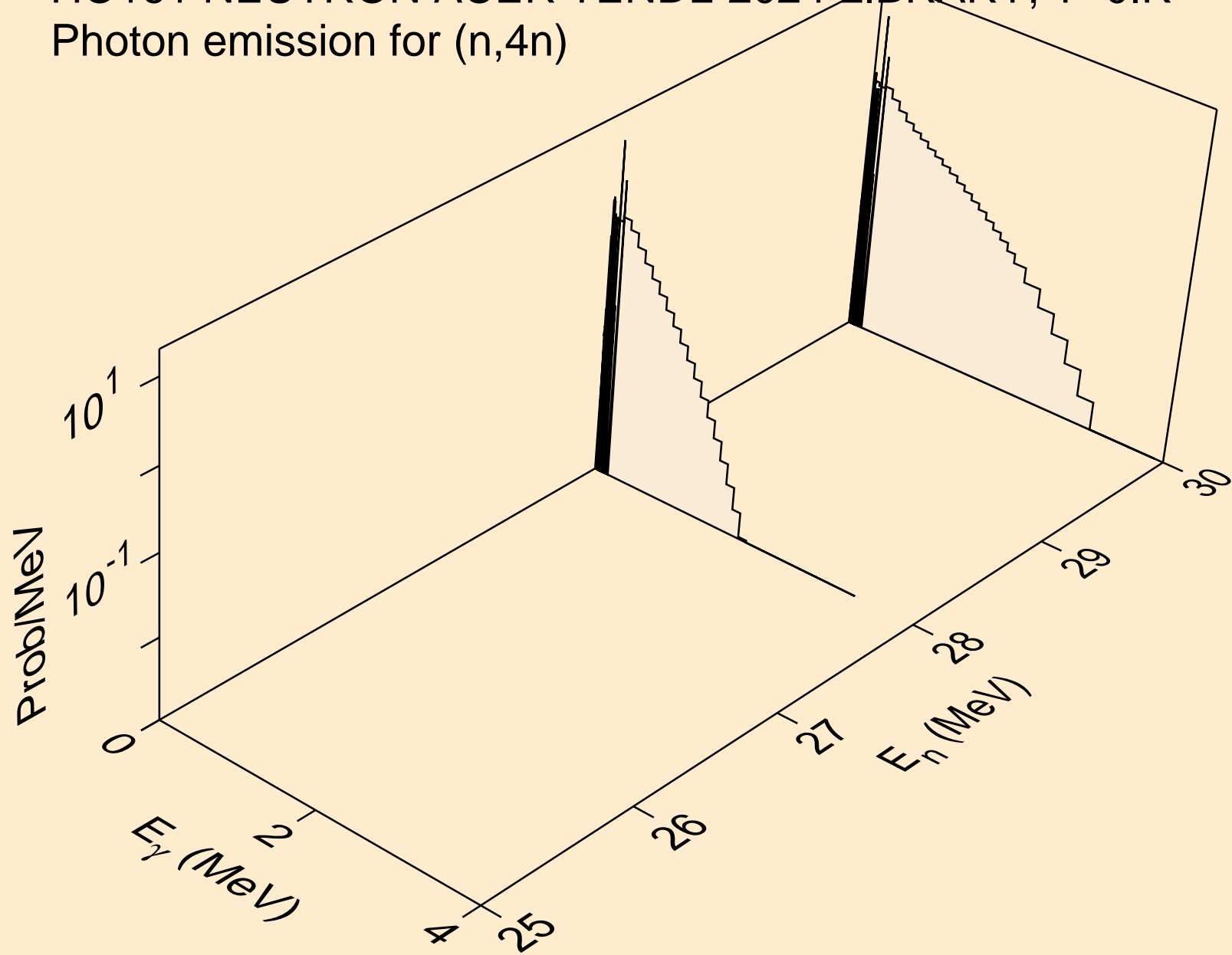
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Photon emission for (n,n\*)t



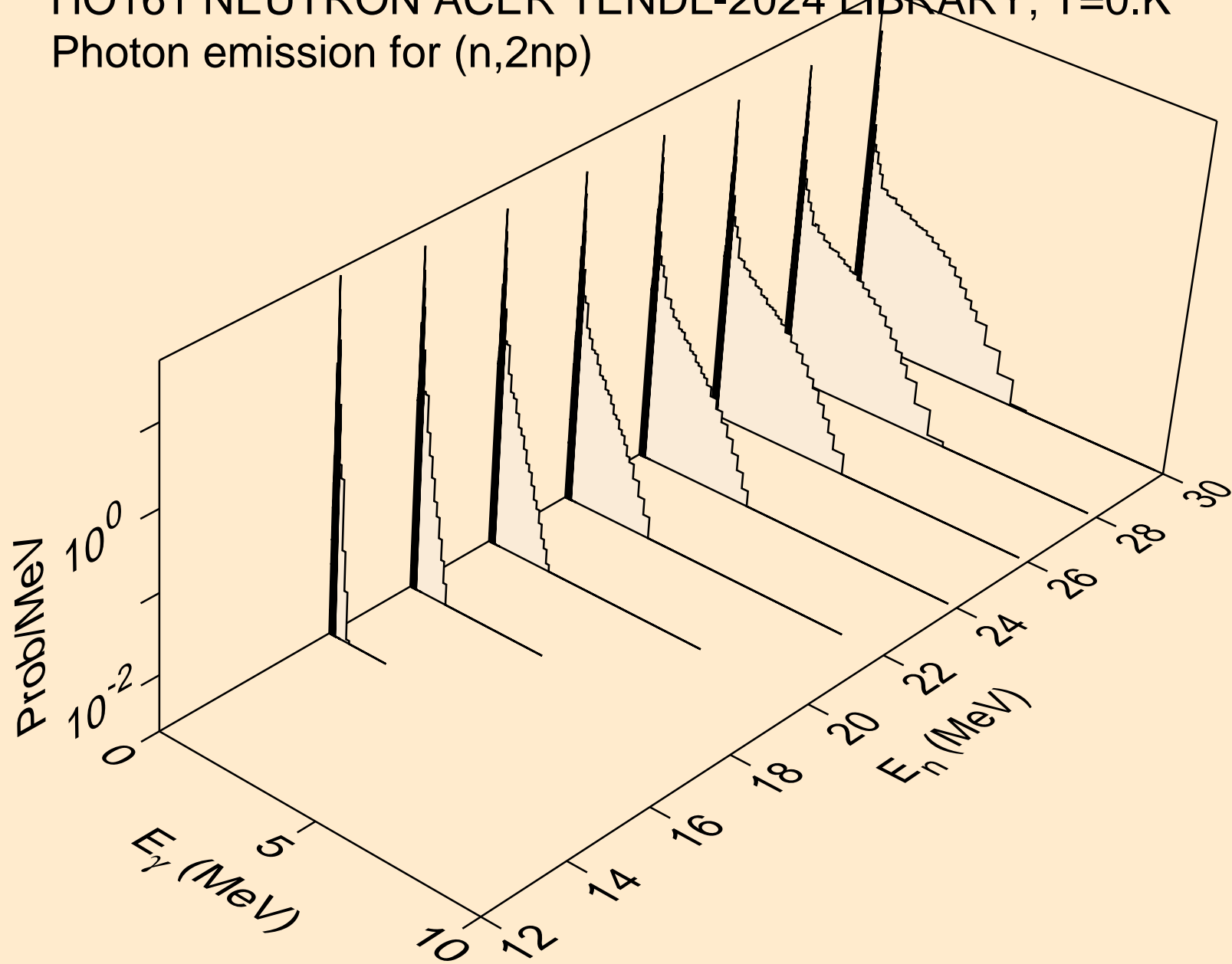
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



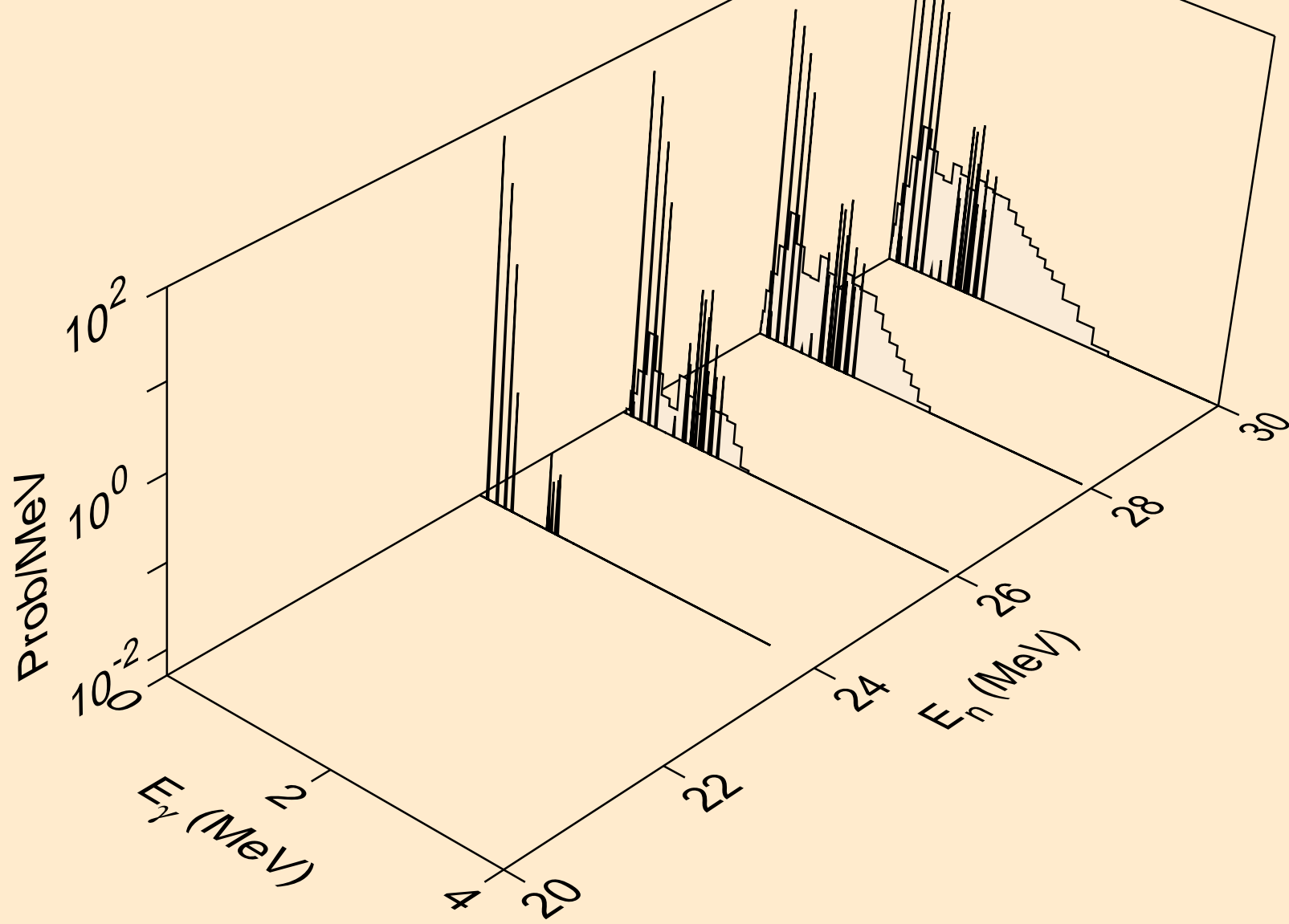
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



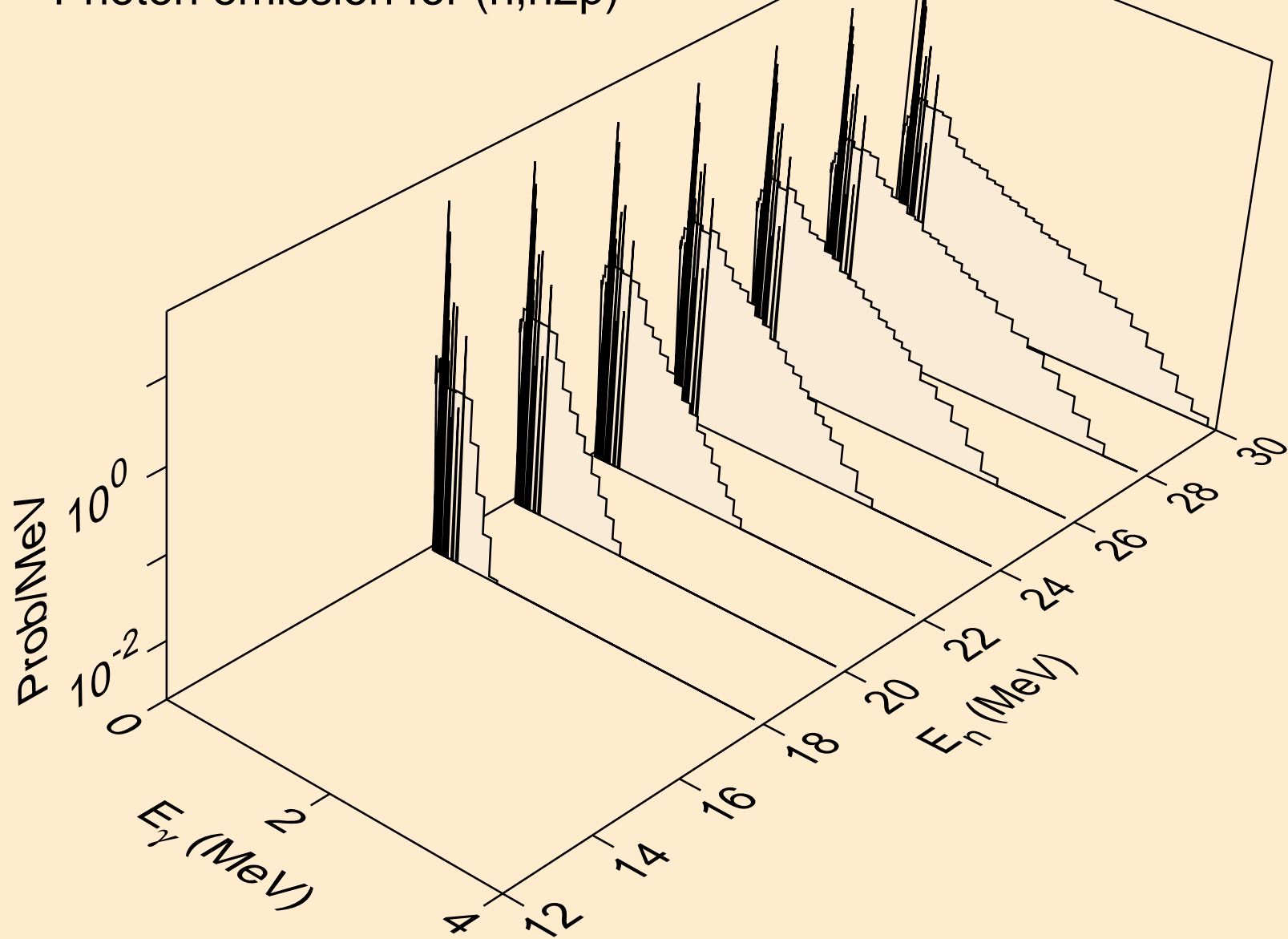
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Photon emission for (n,2np)



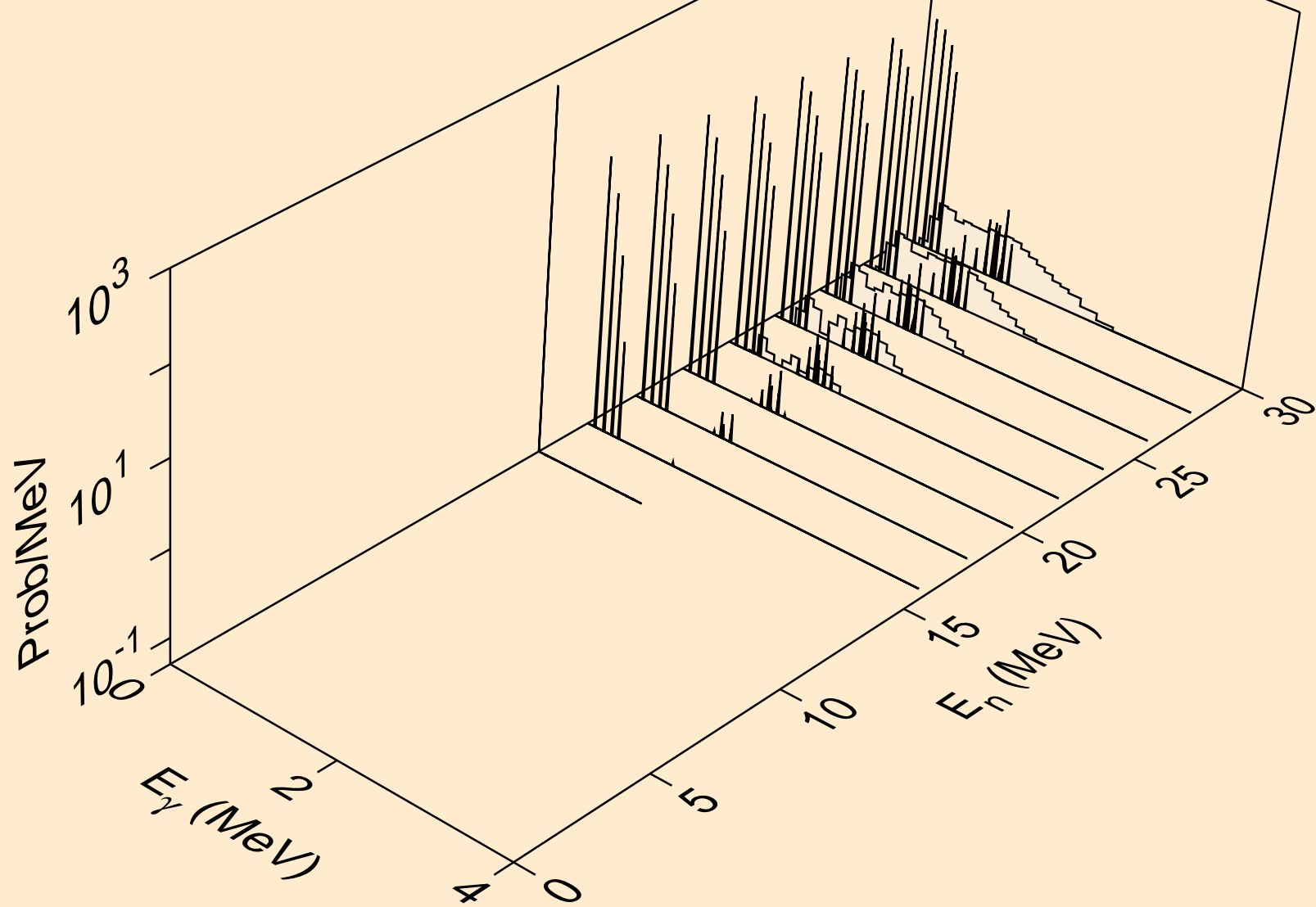
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

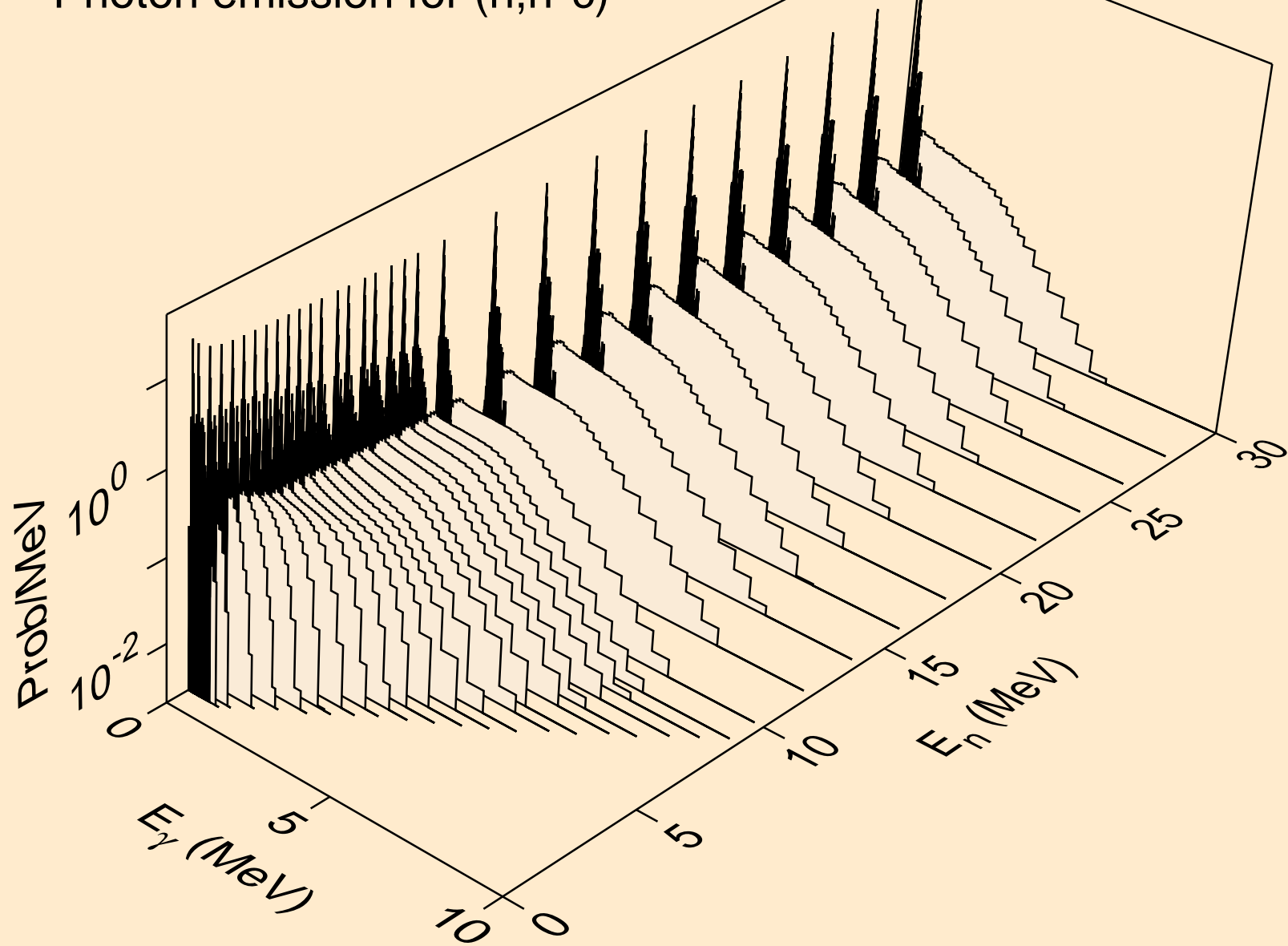


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

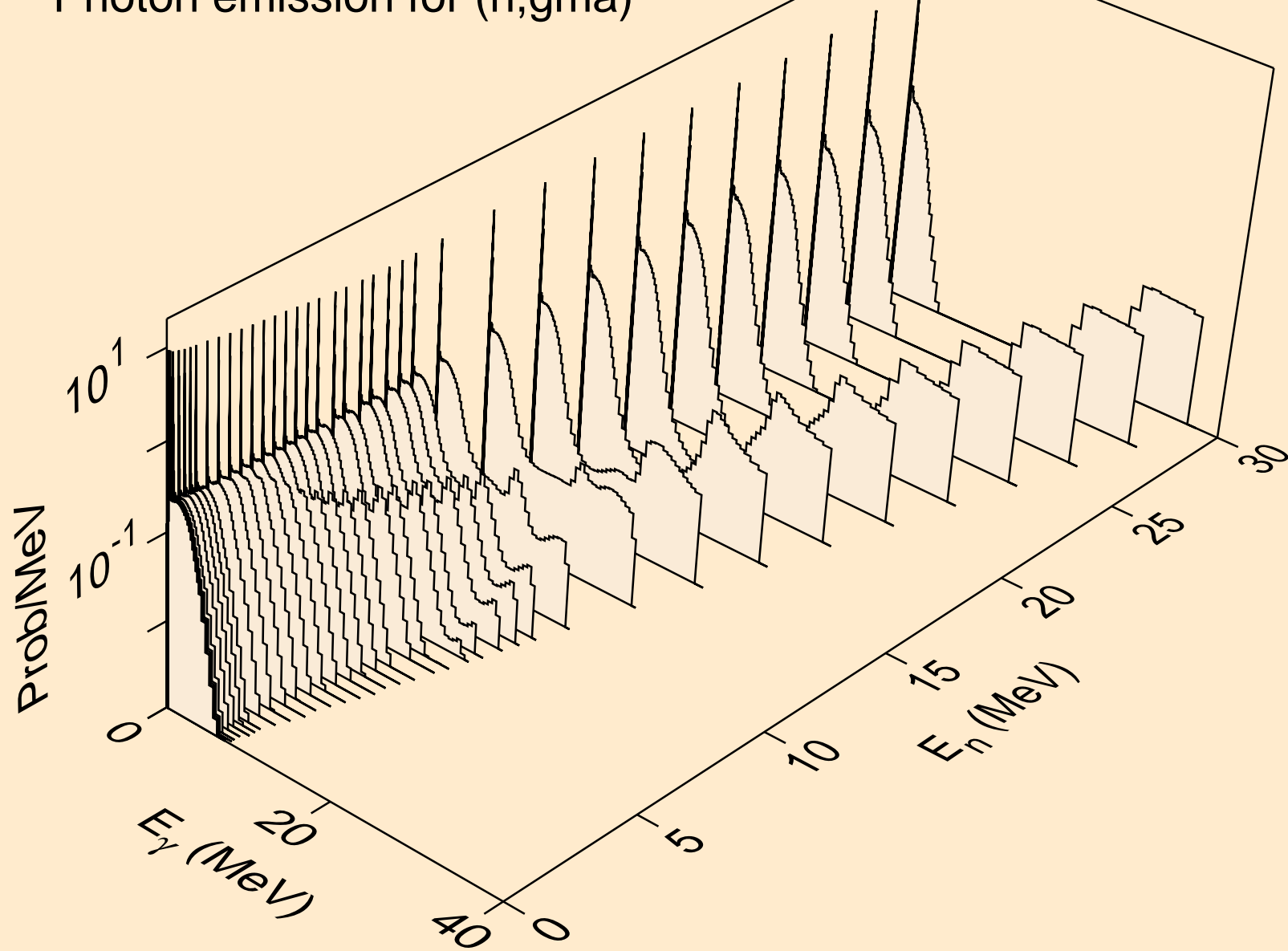




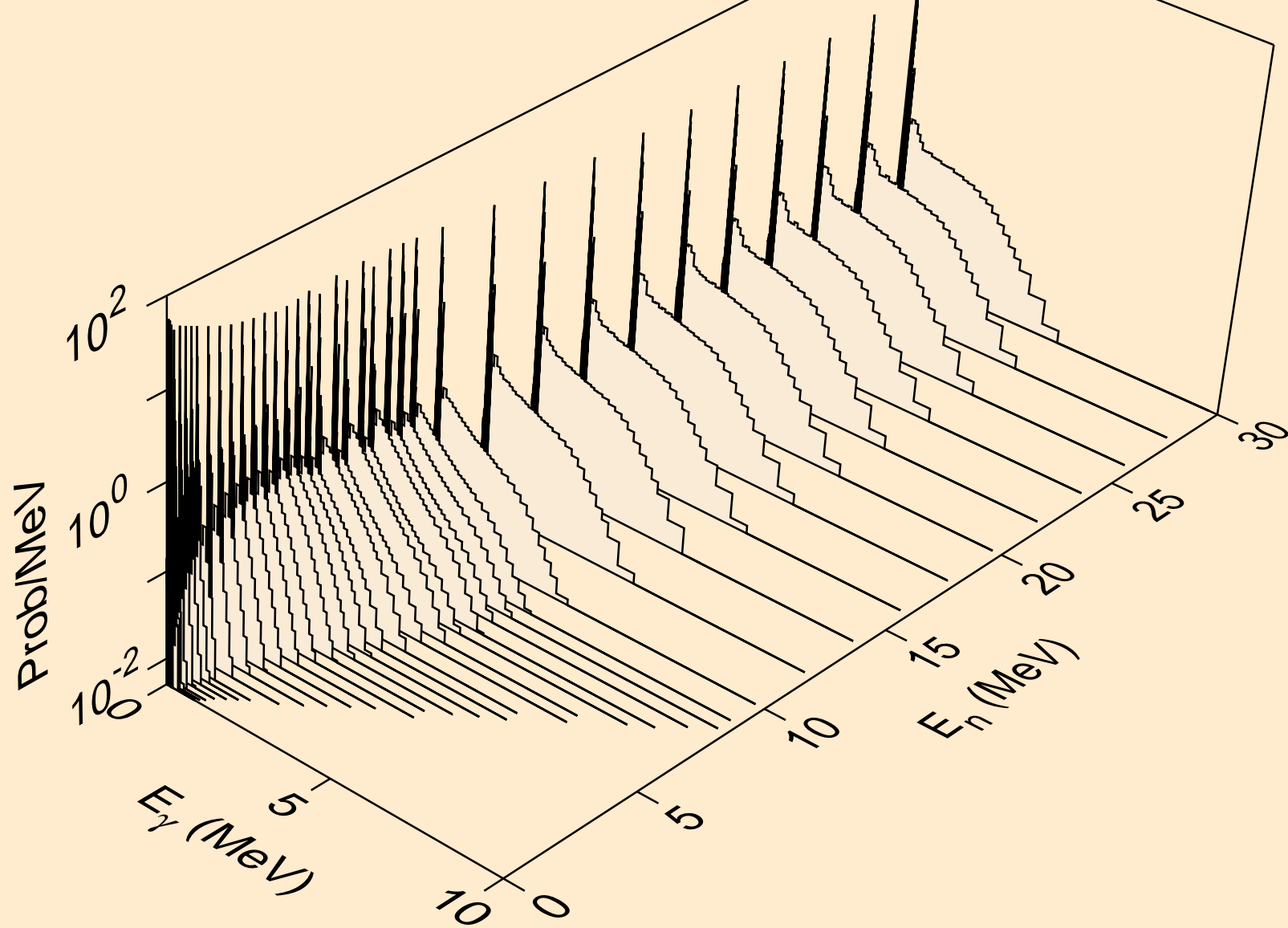
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Photon emission for (n,n\*c)



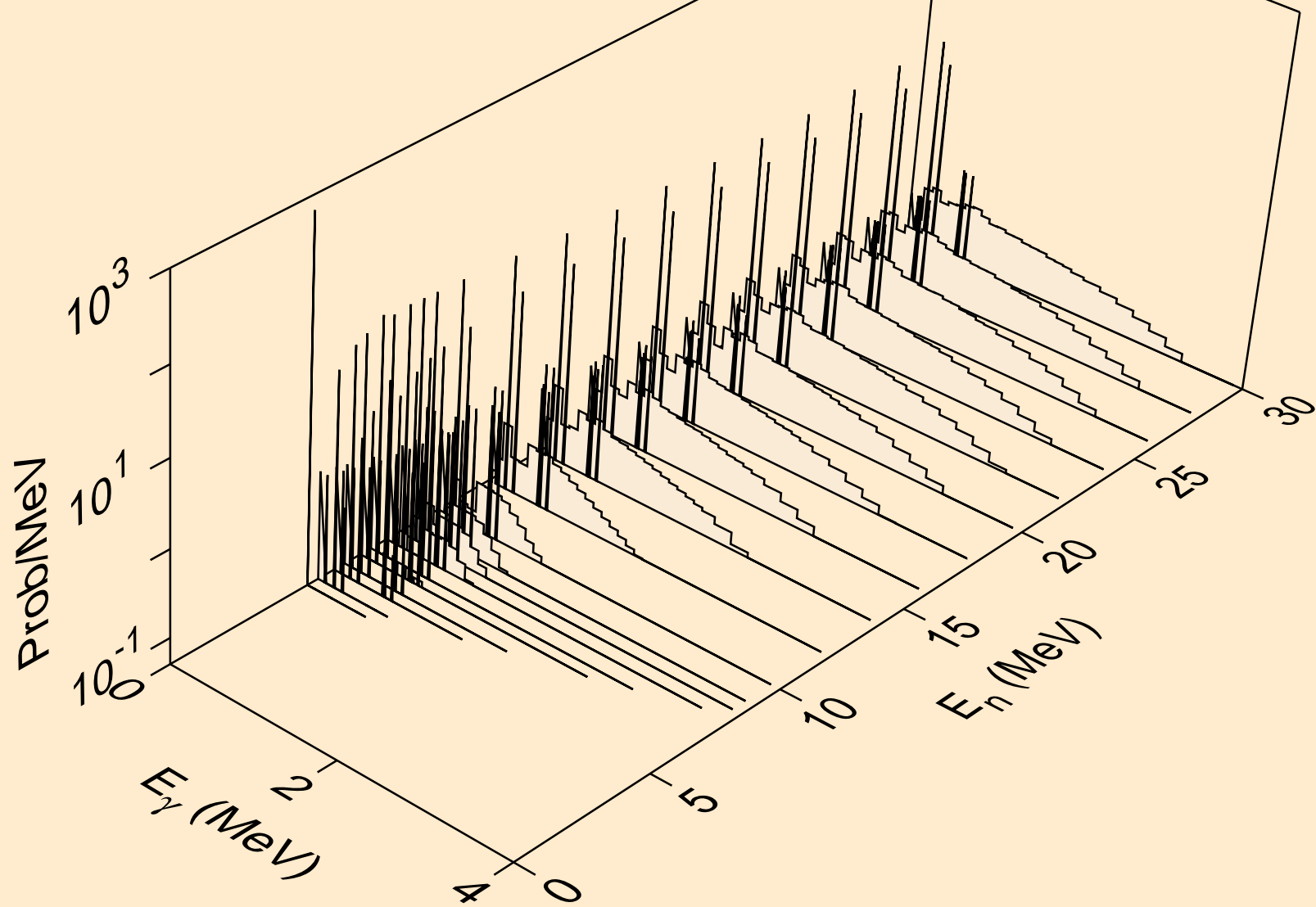
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Photon emission for (n,gma)



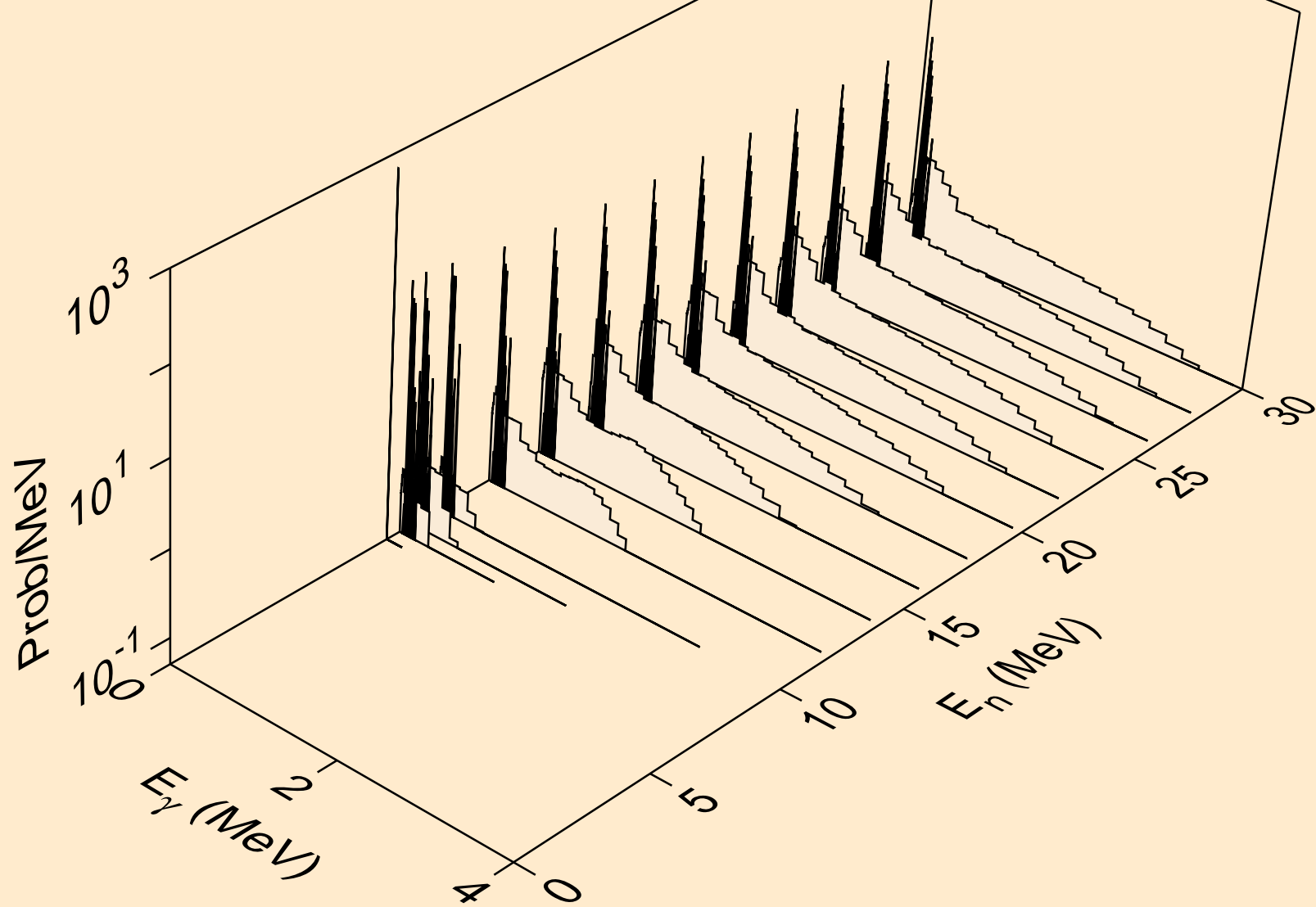
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Photon emission for (n,p)



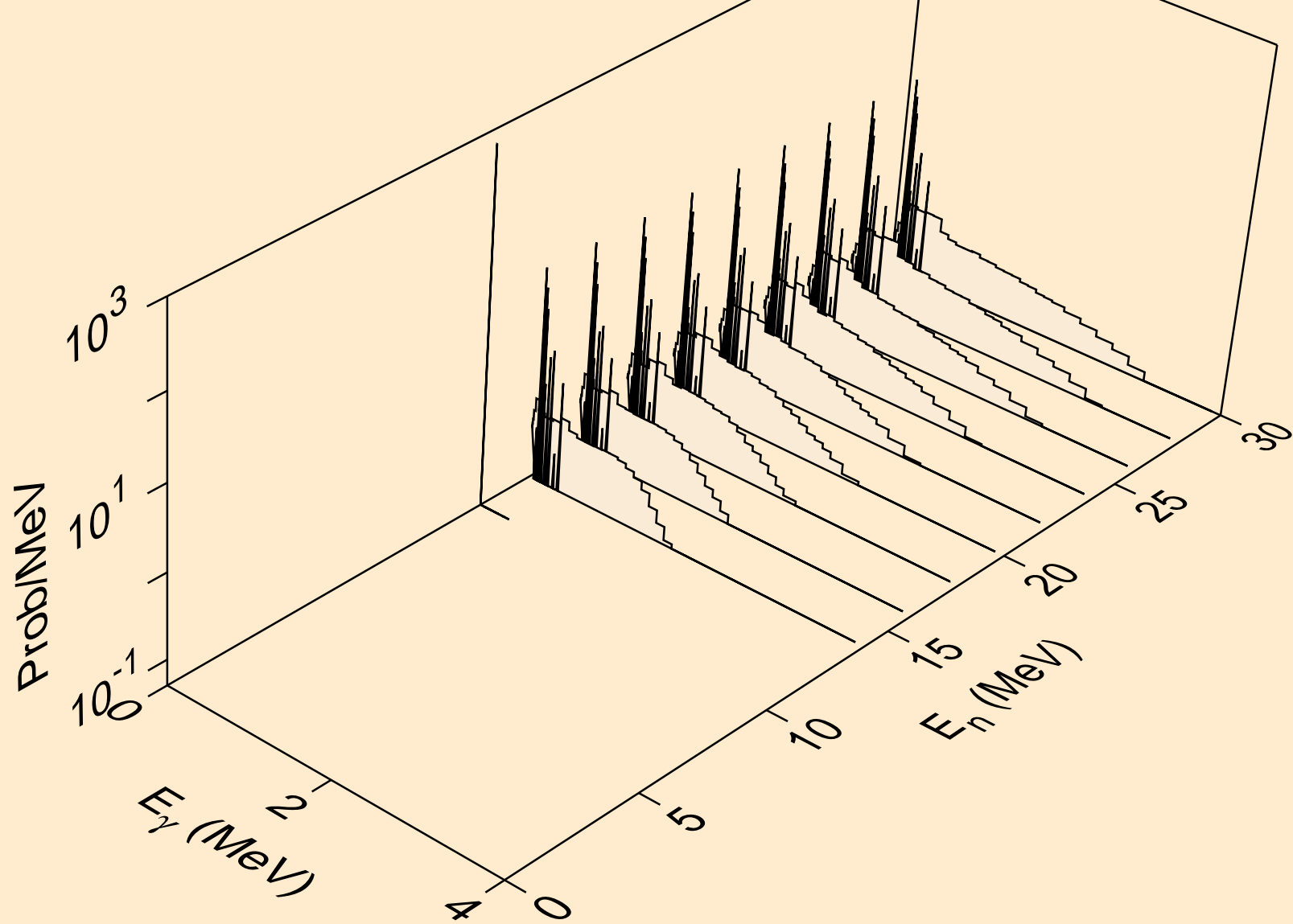
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Photon emission for (n,d)



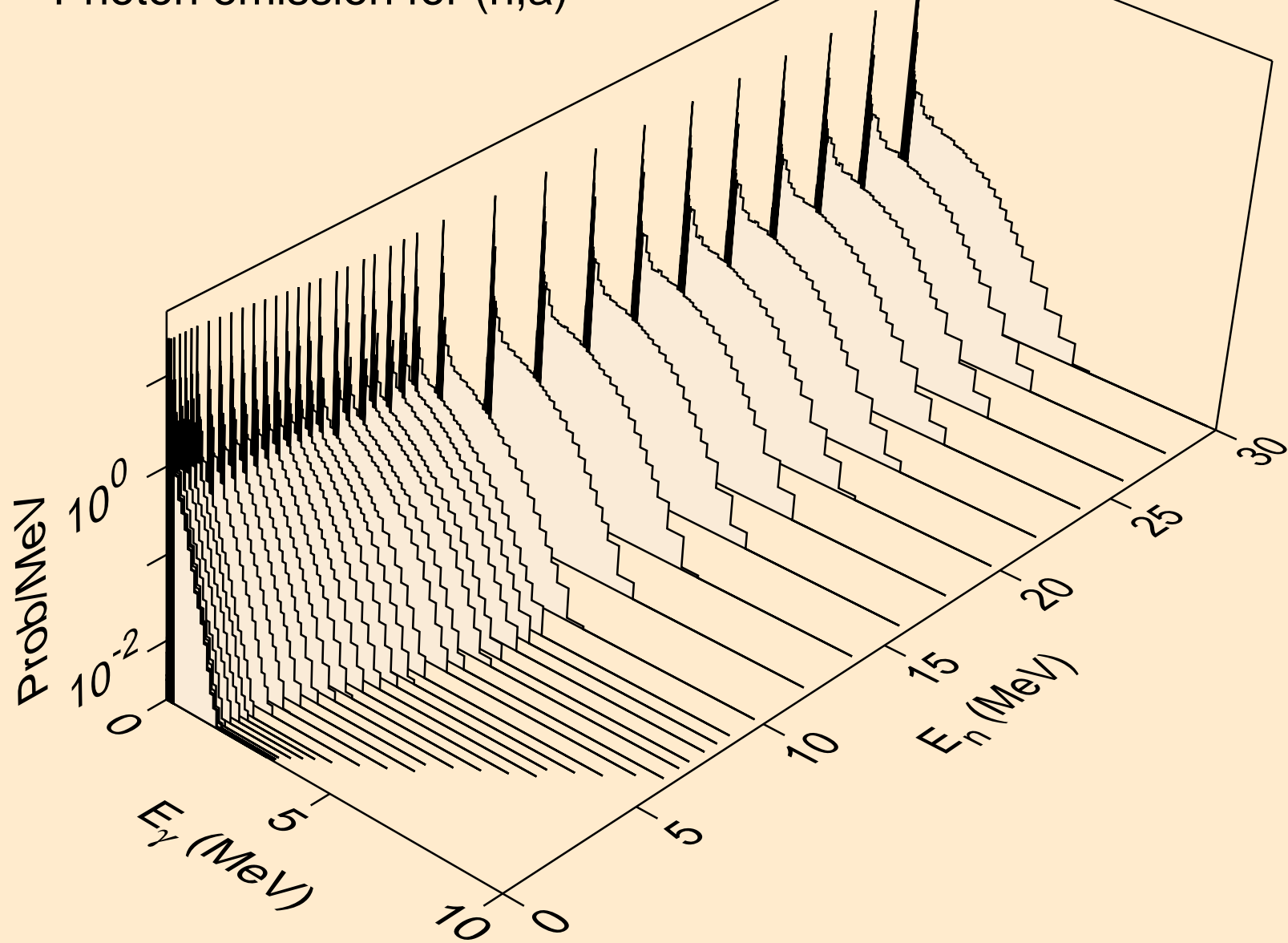
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Photon emission for (n,t)



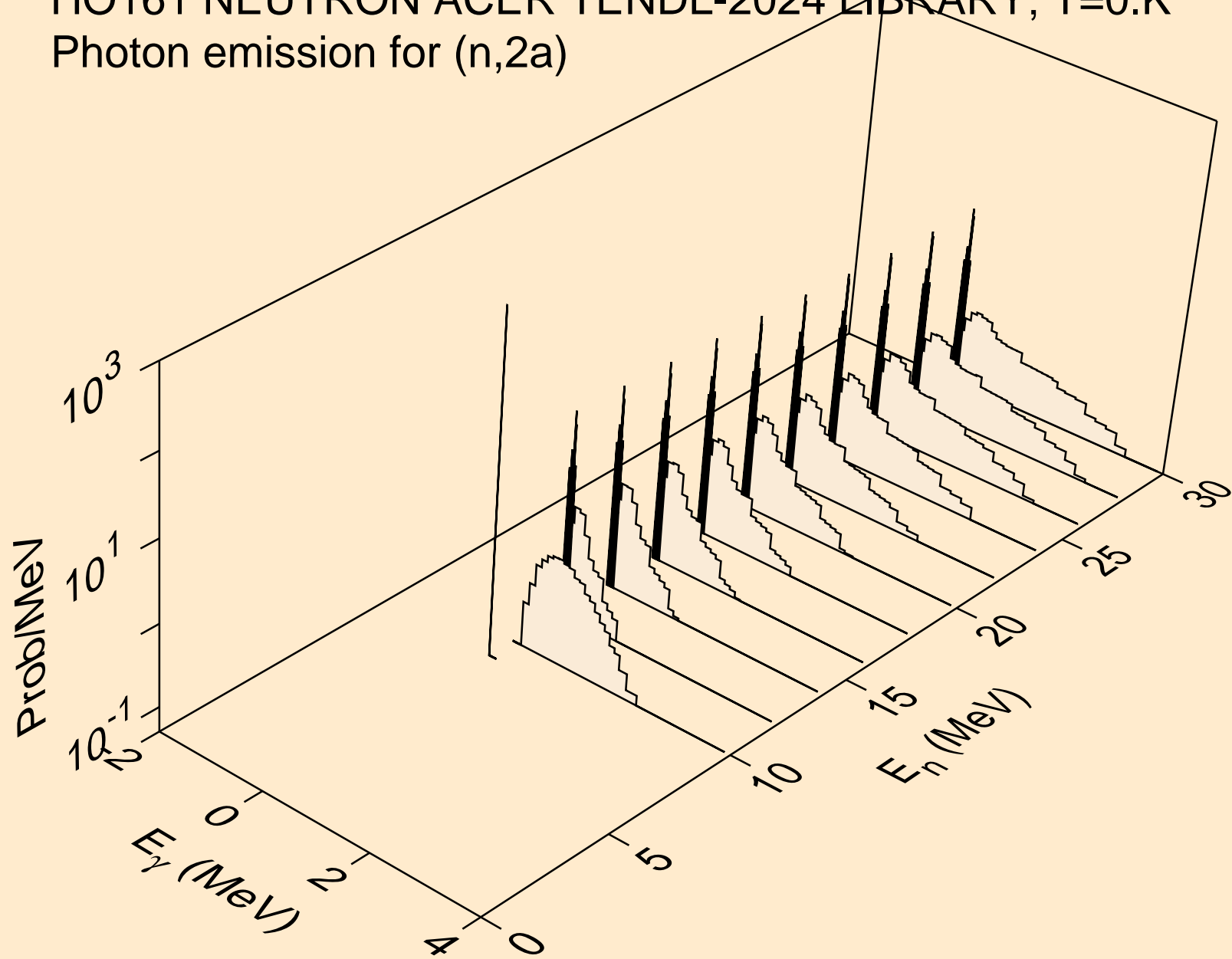
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

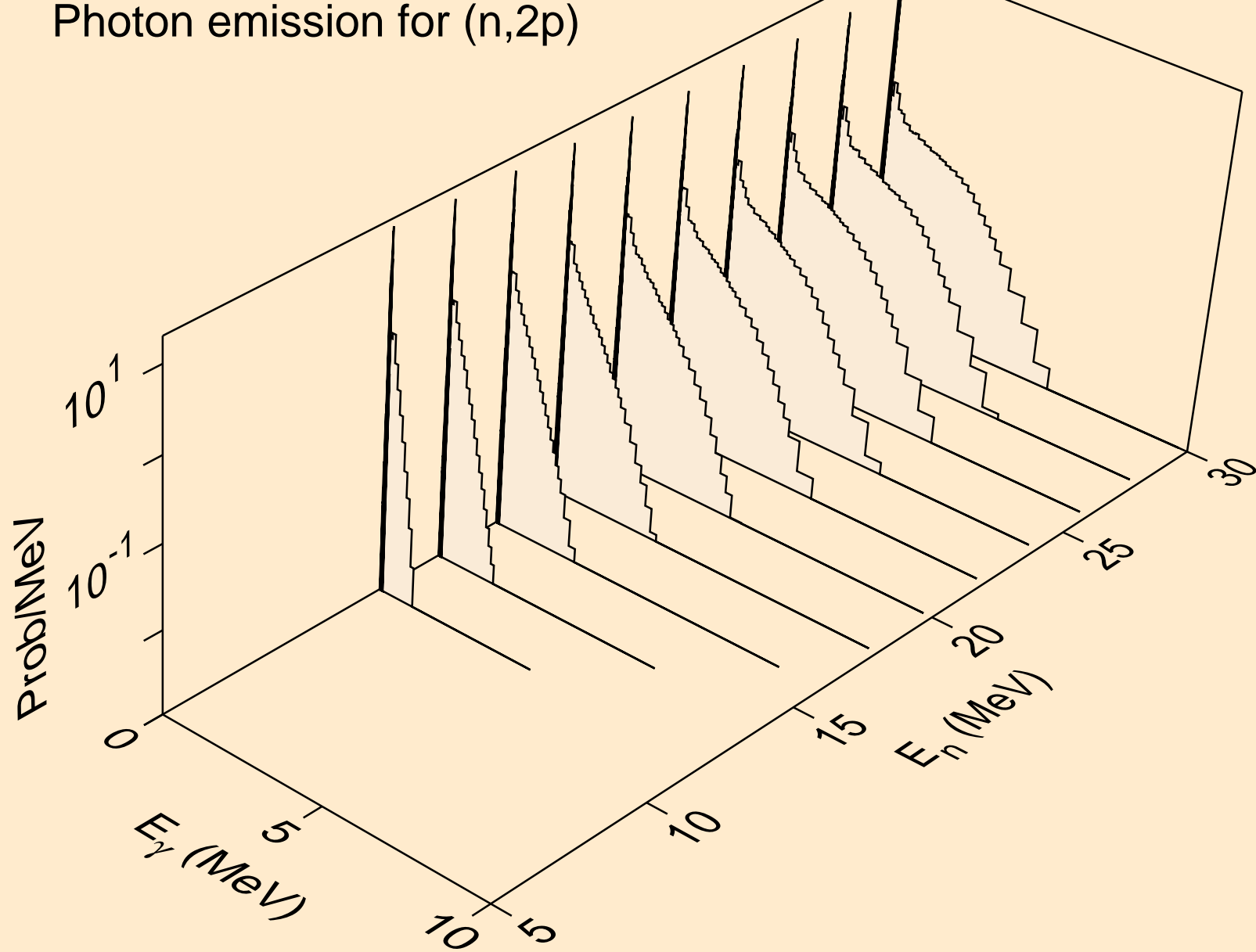


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Photon emission for (n,2a)

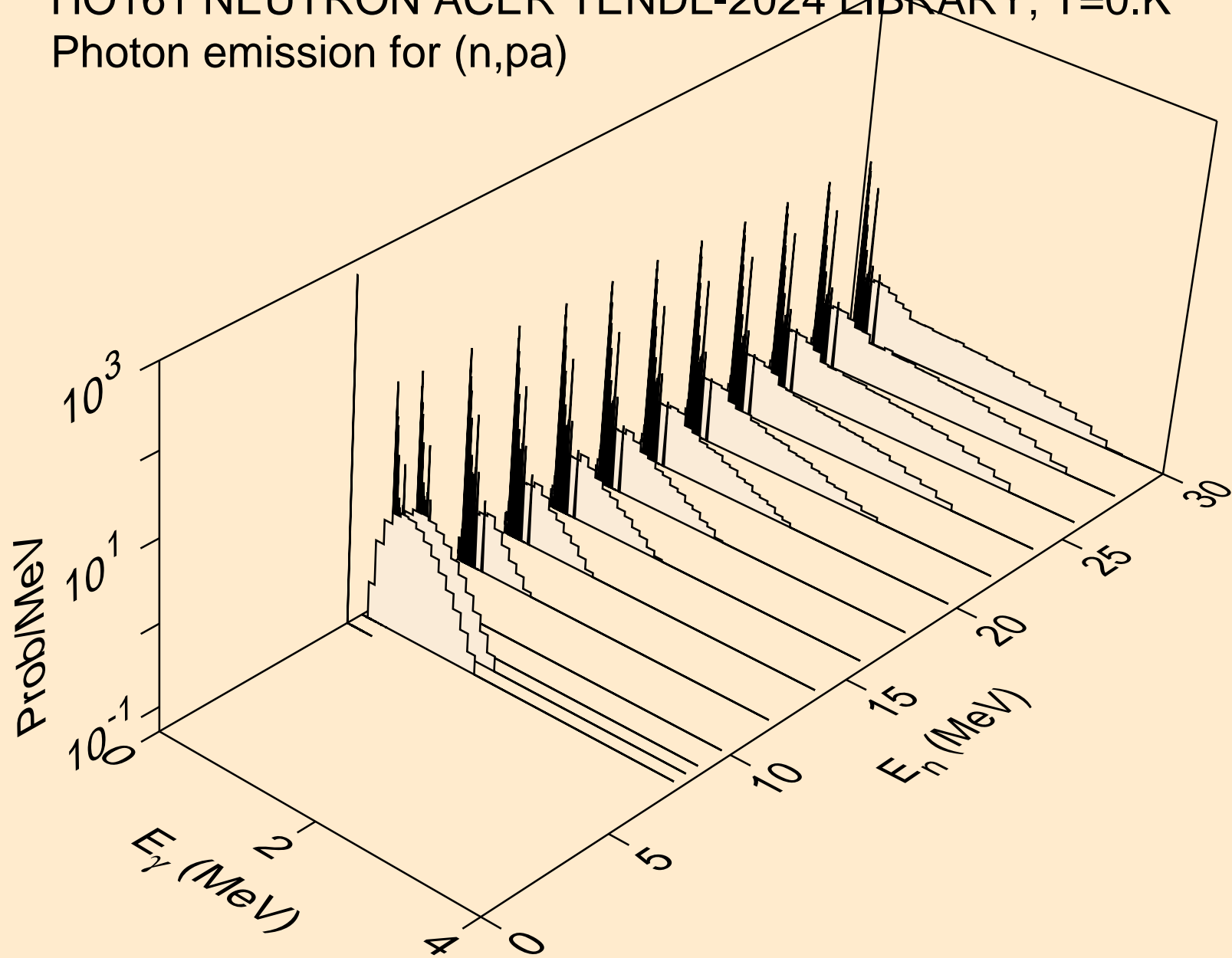




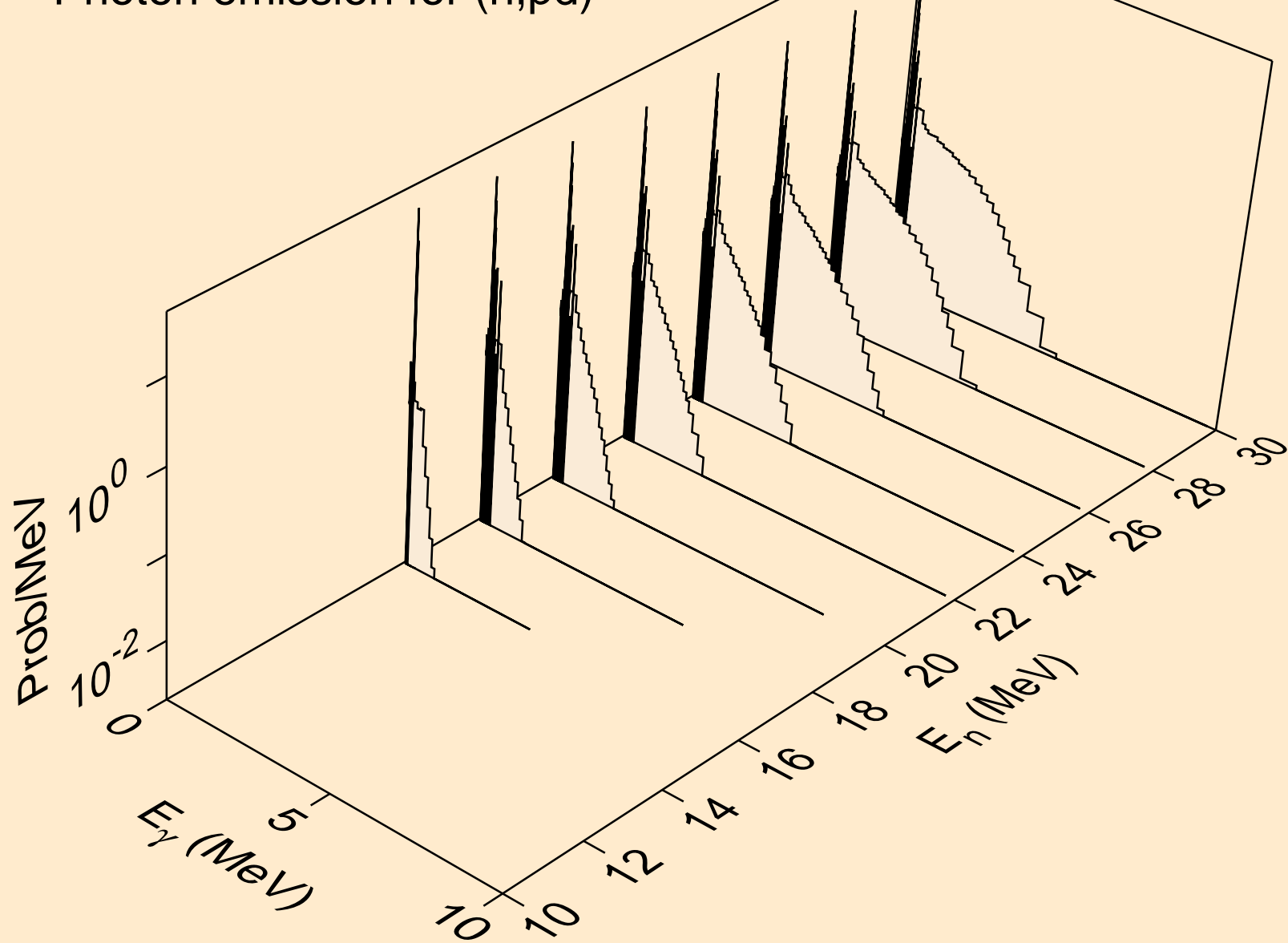
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Photon emission for (n,2p)



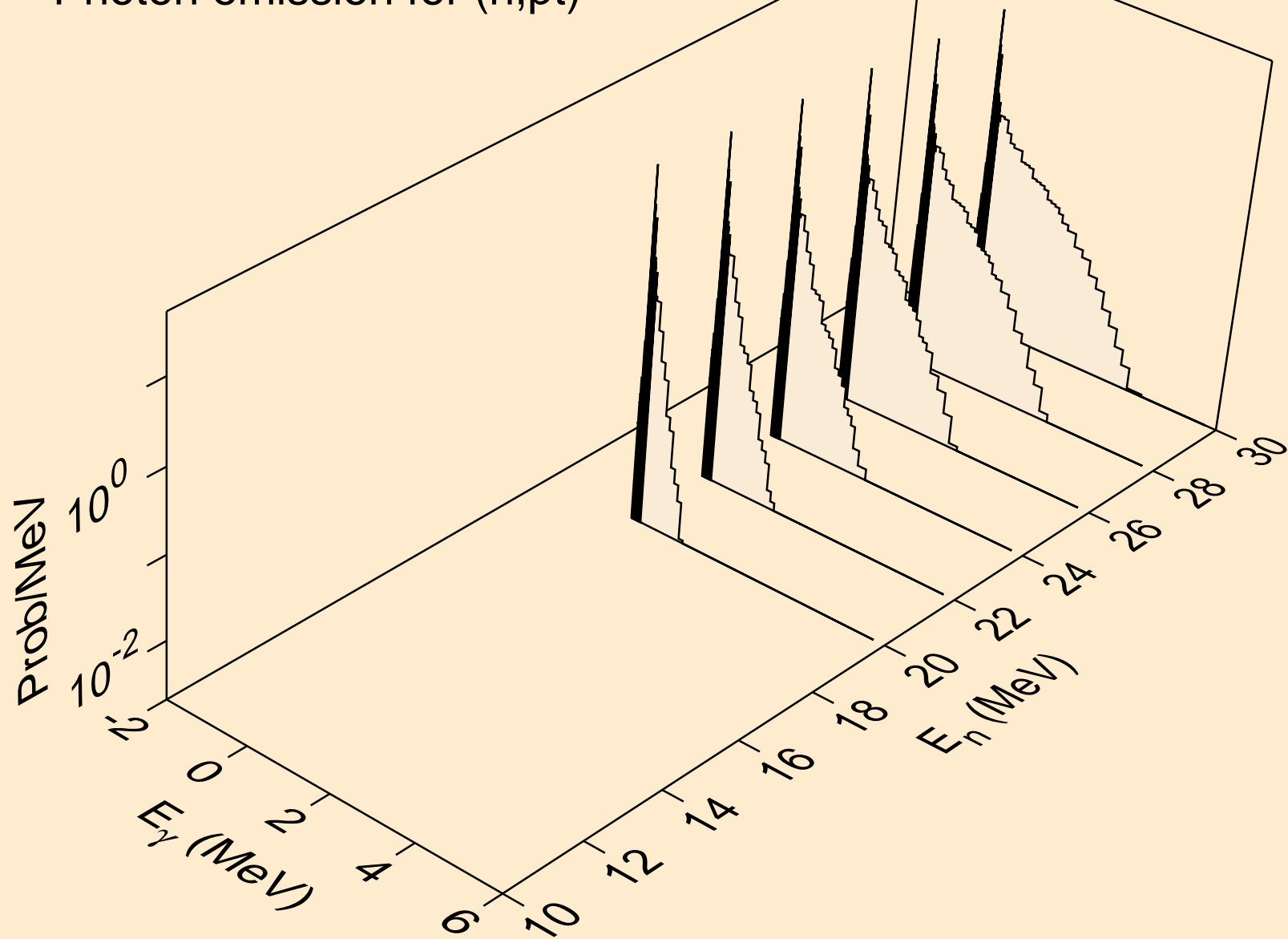
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Photon emission for (n,p $\alpha$ )



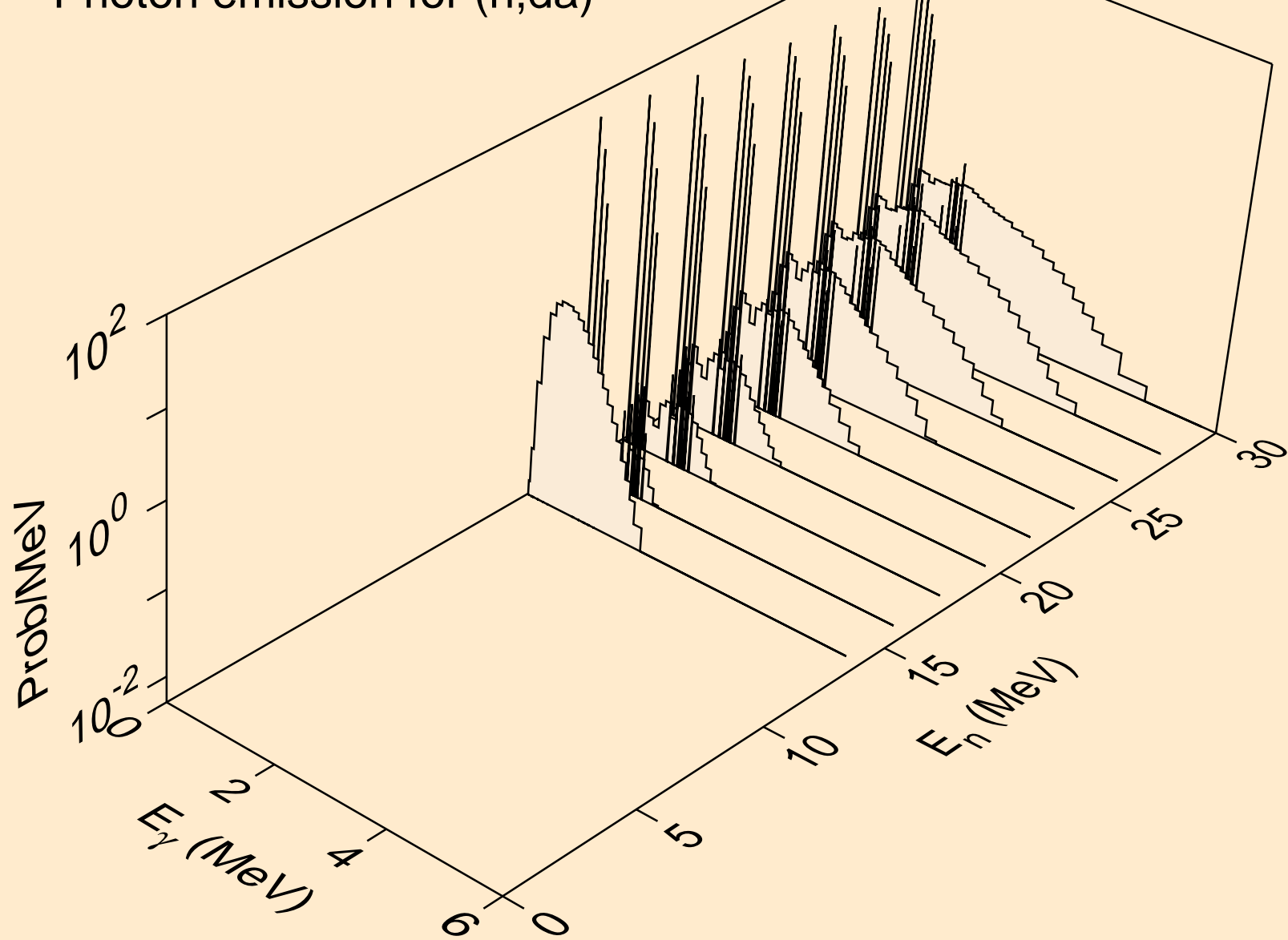
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Photon emission for (n,pd)



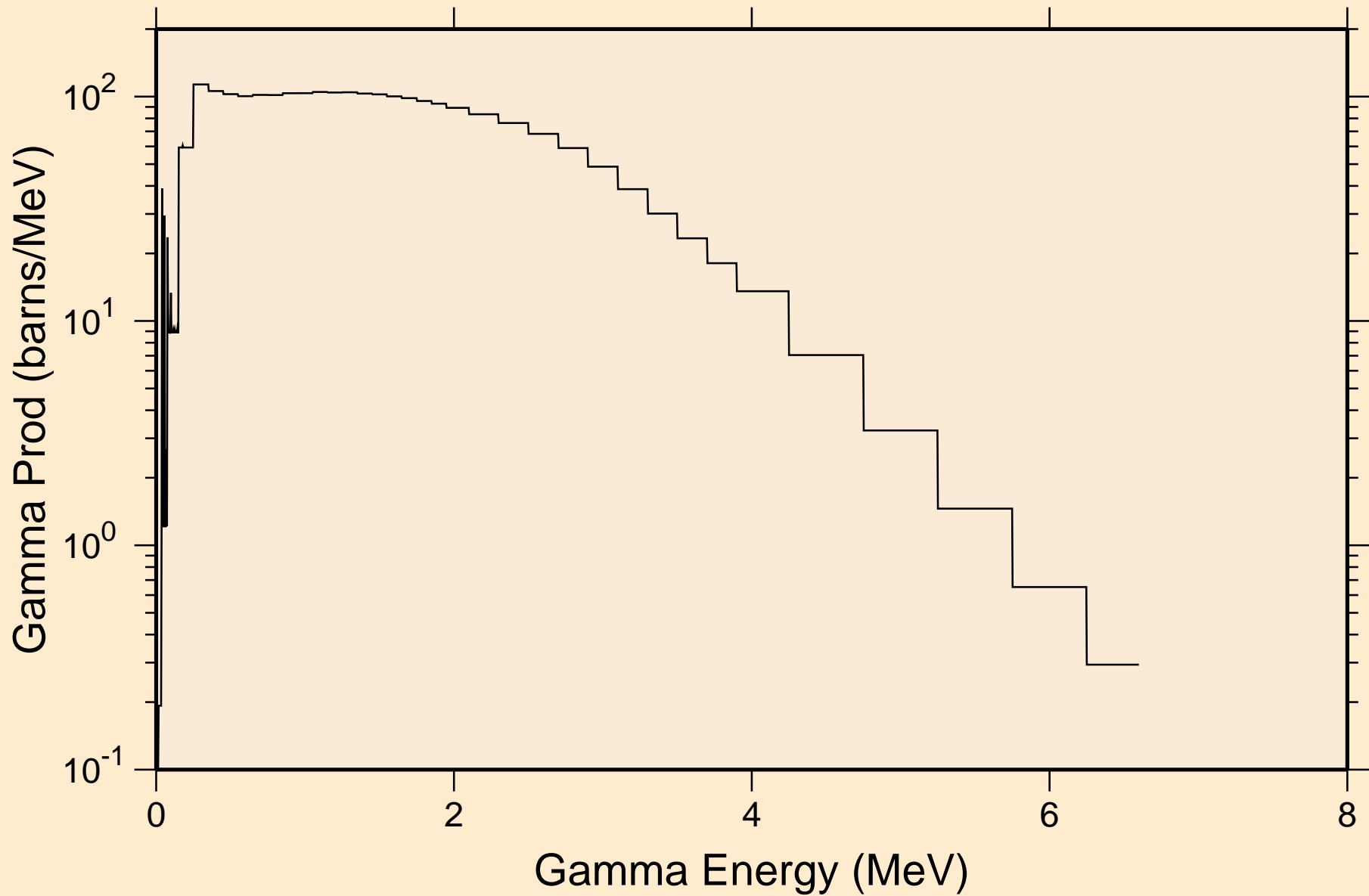
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



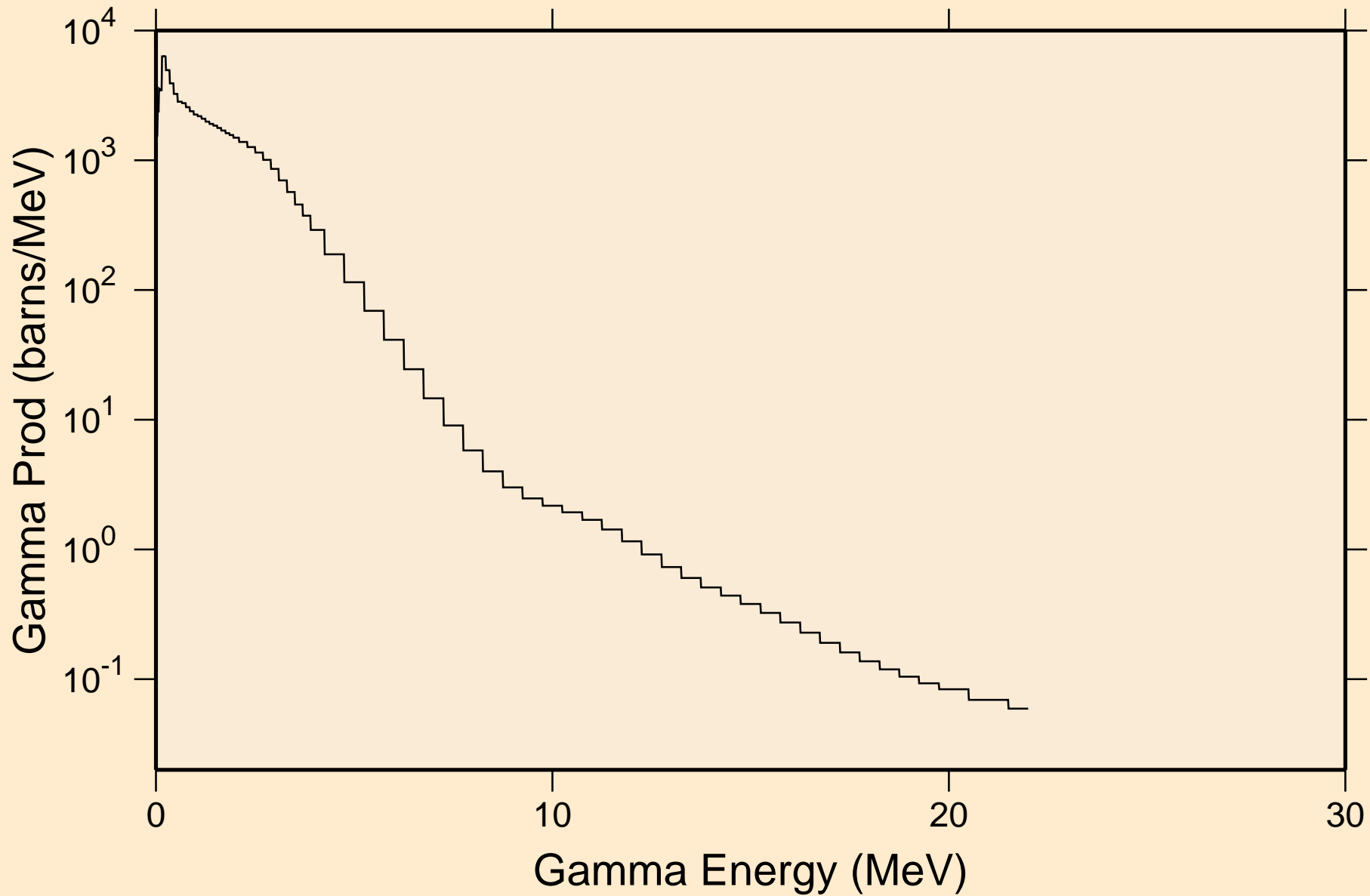
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

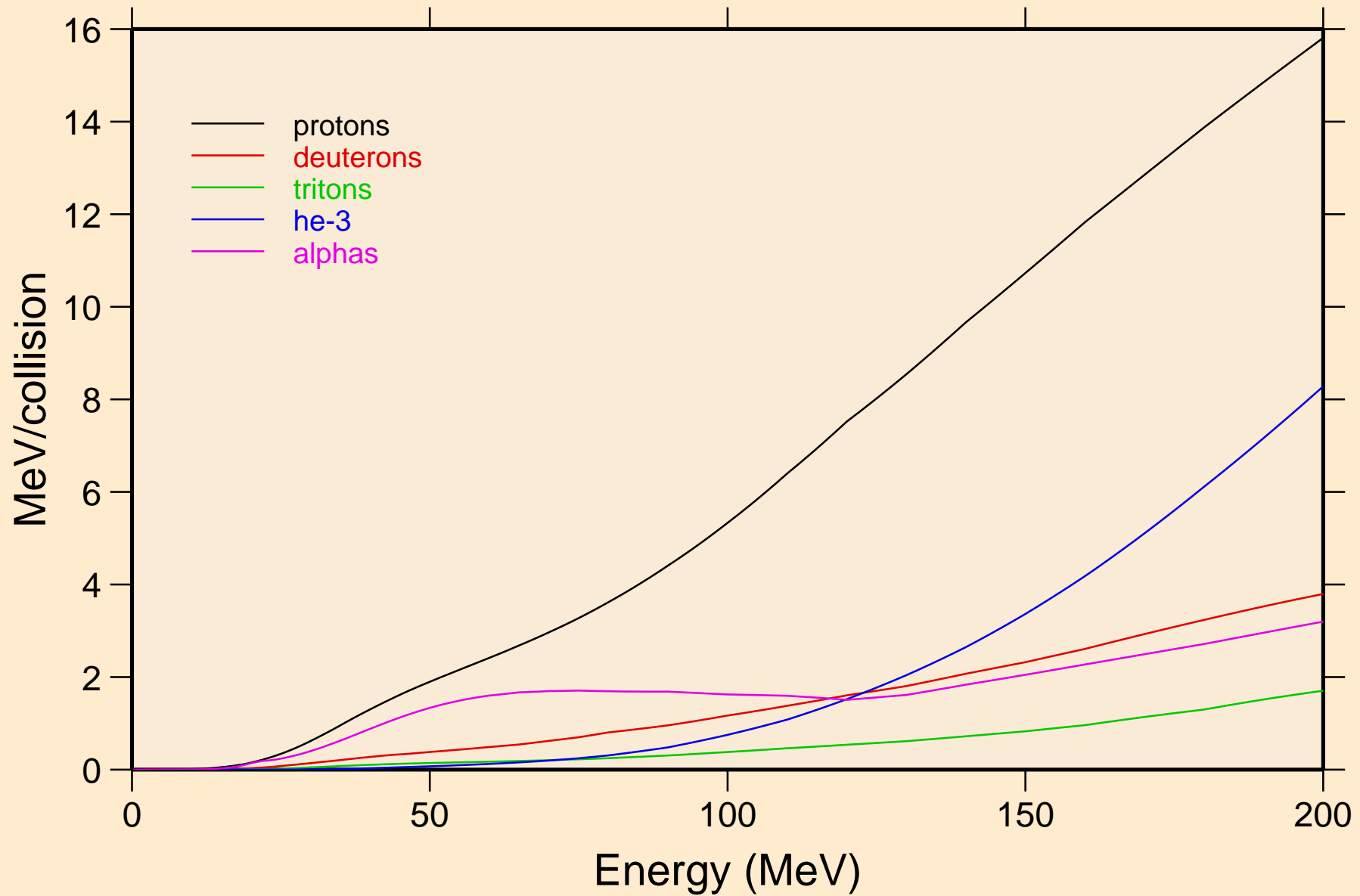


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

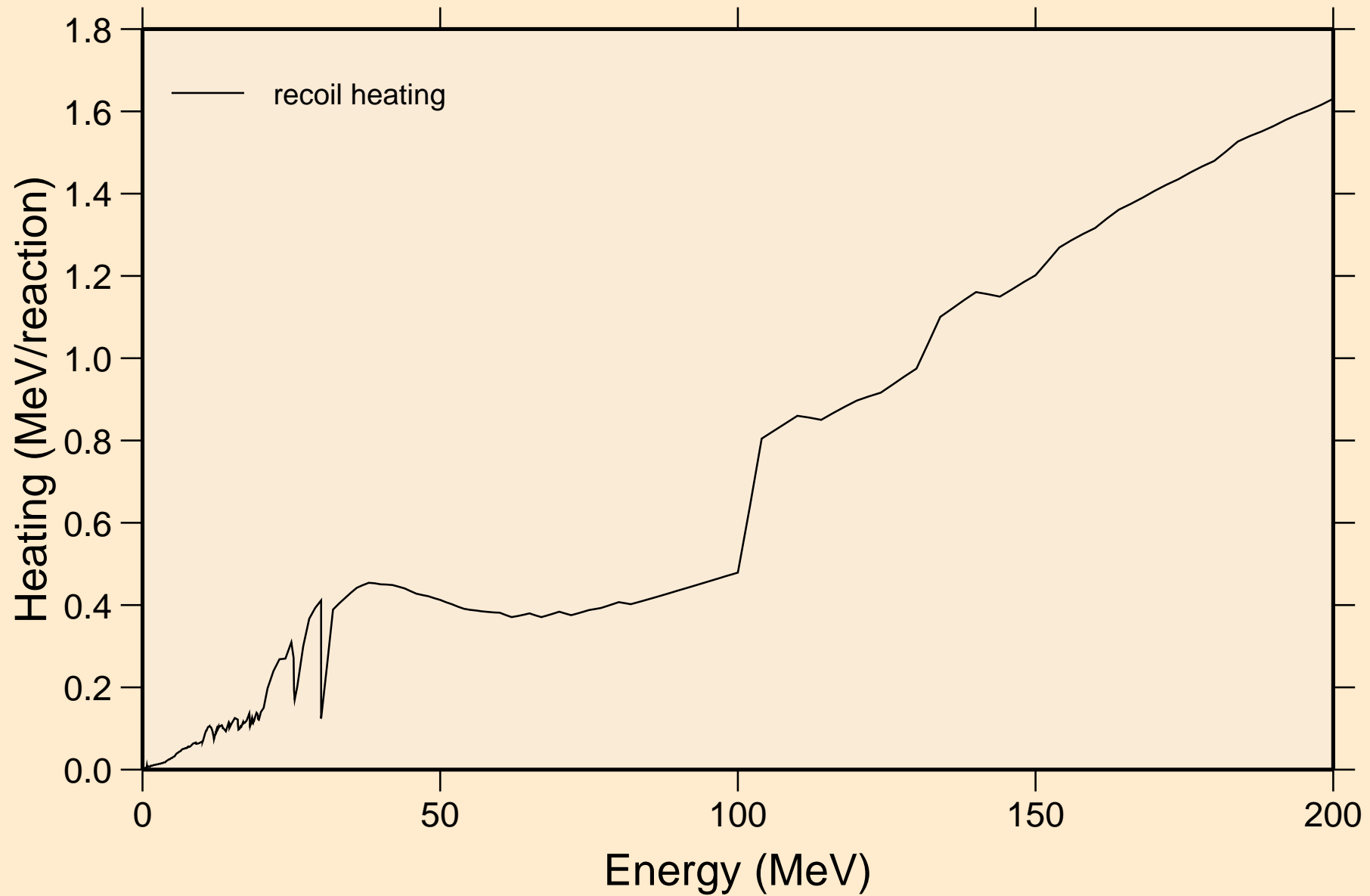
## Particle heating contributions



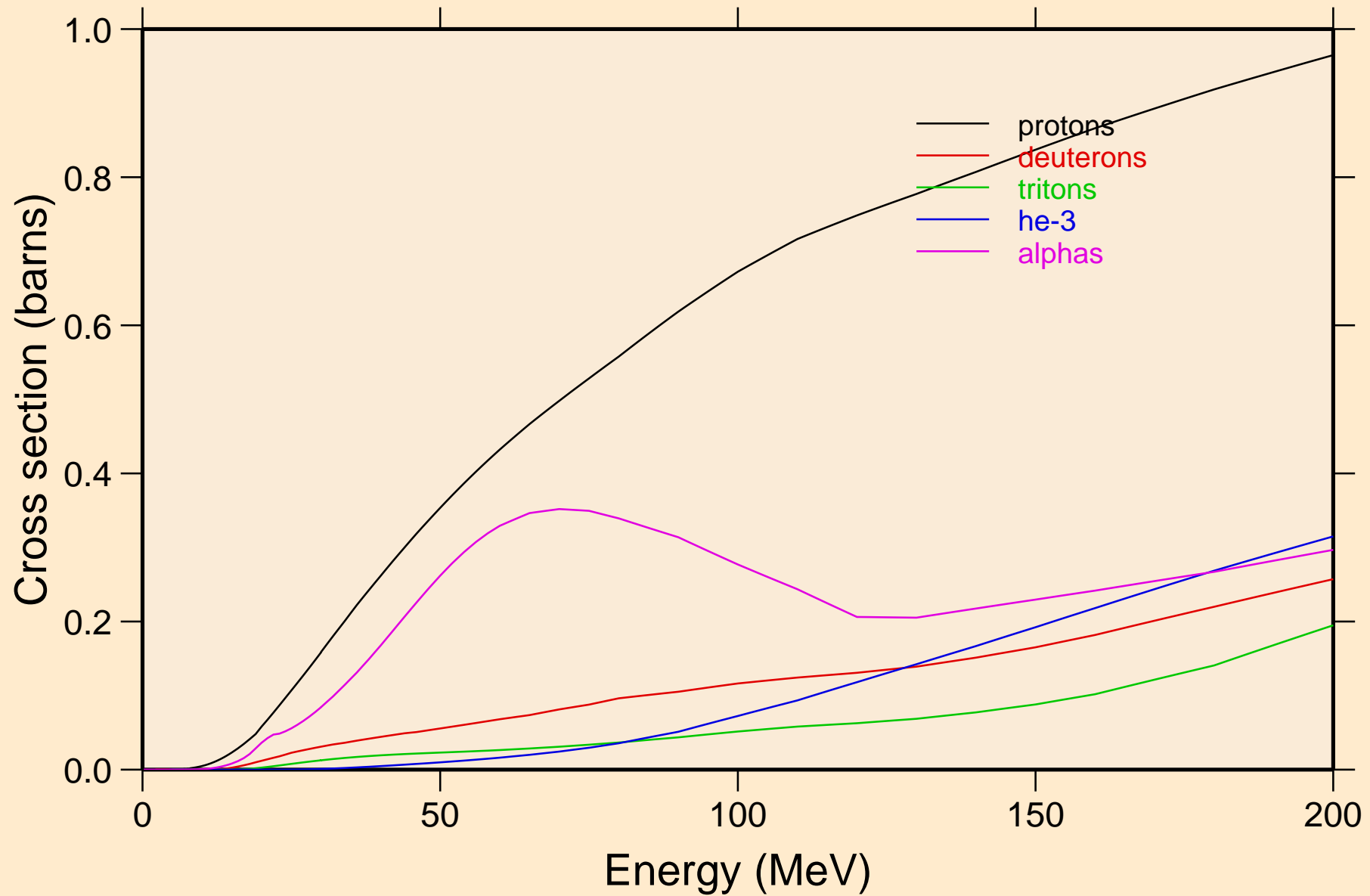


# HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

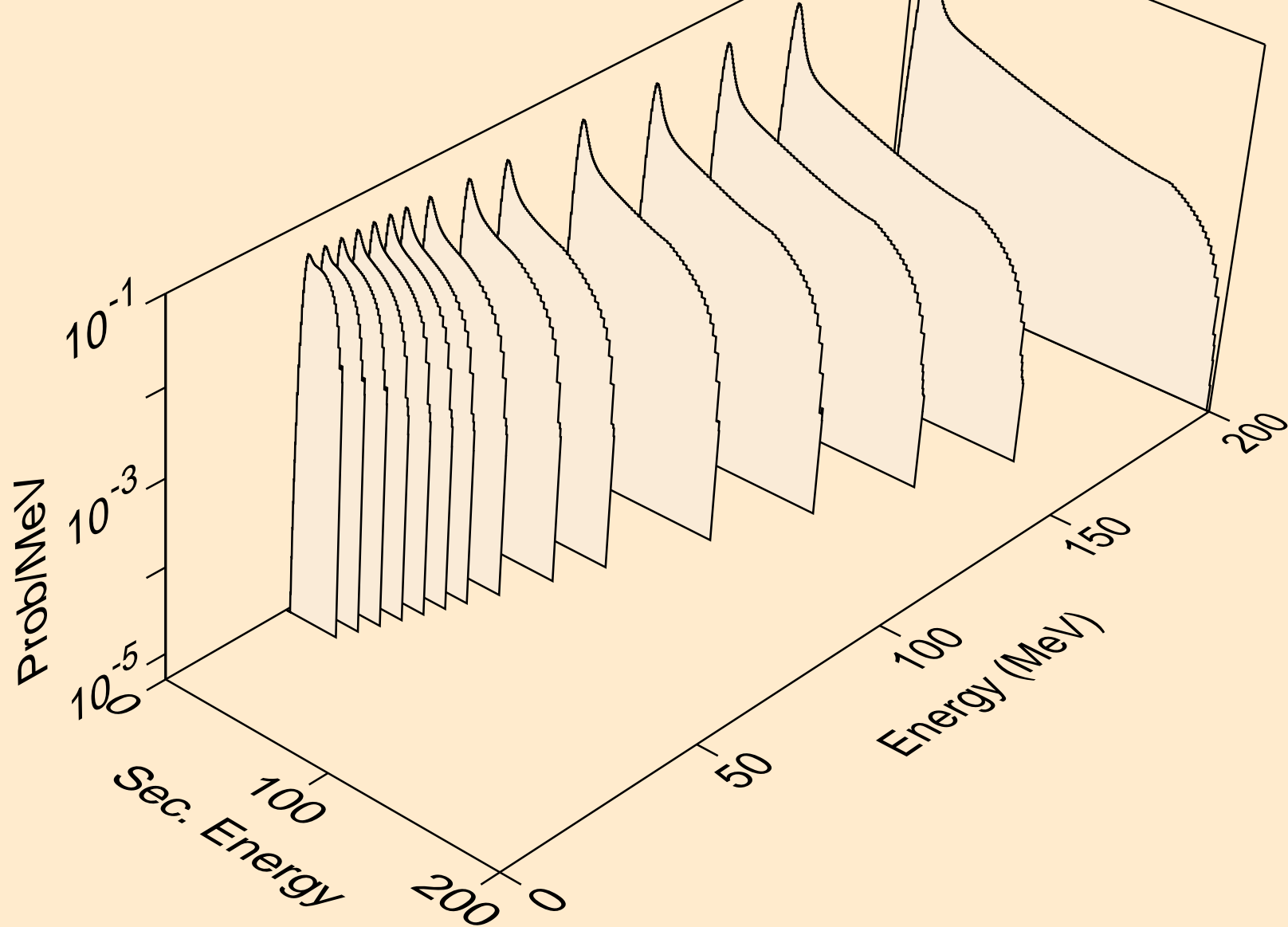
## Recoil Heating



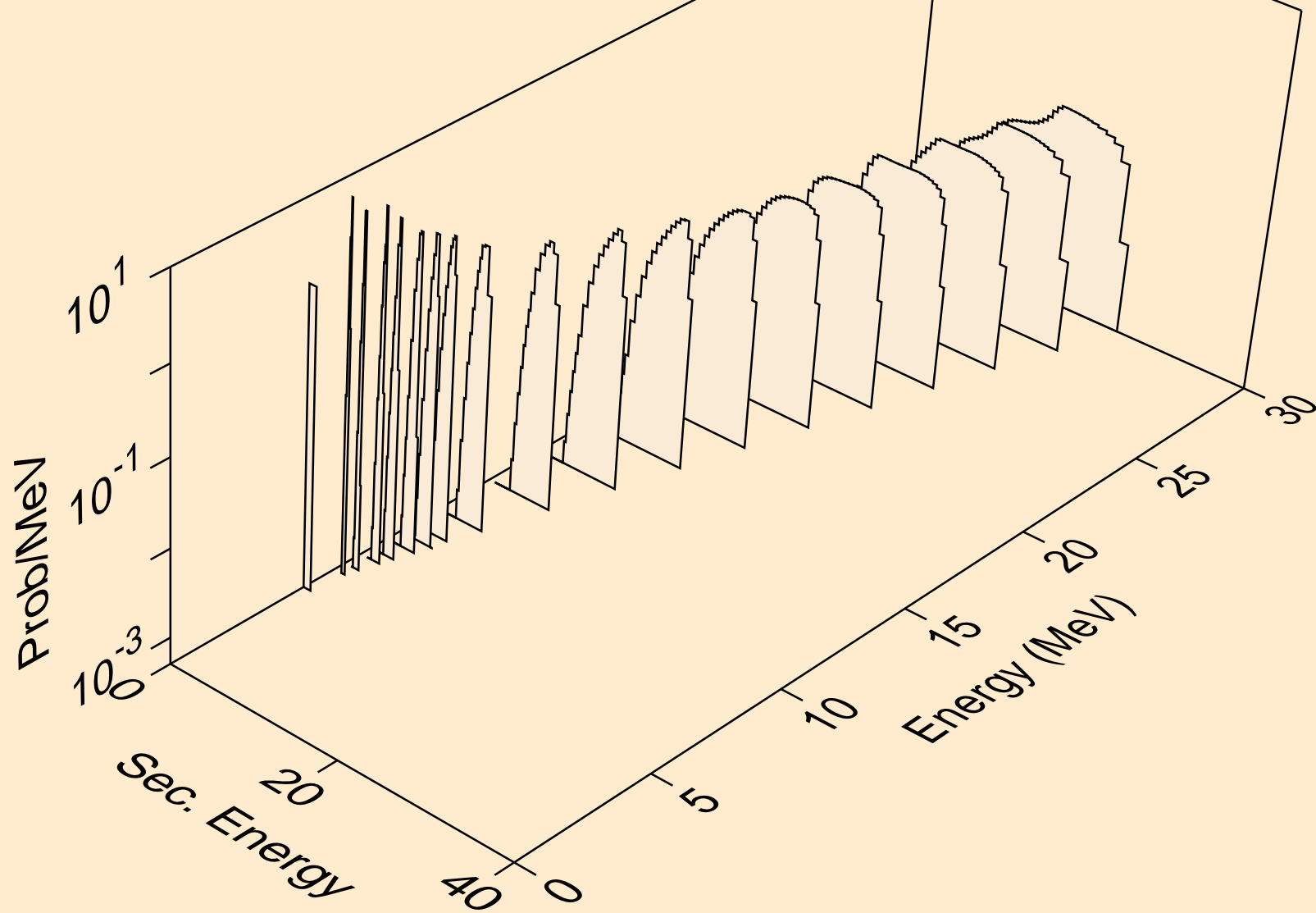
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



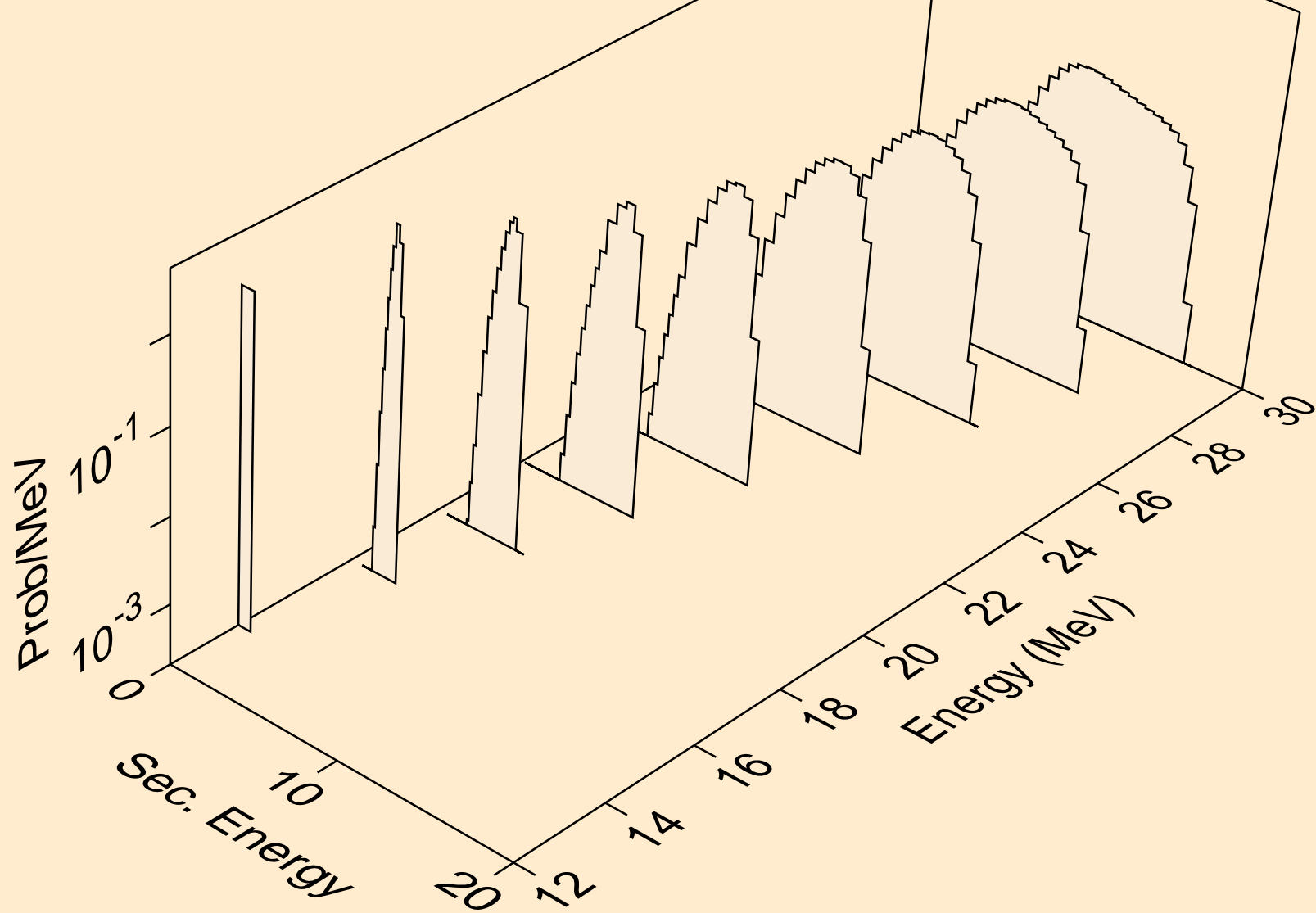
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



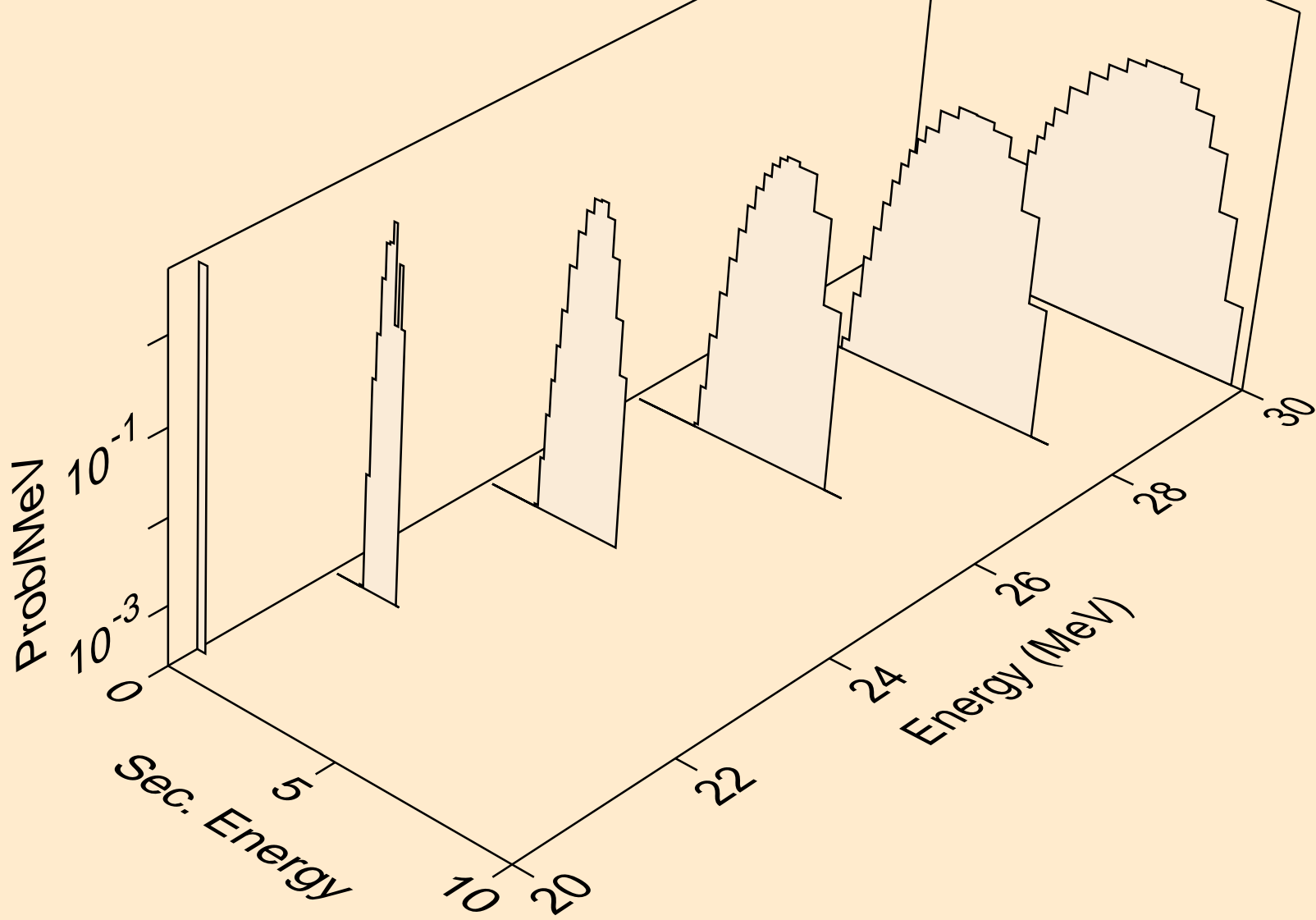
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protons from (n,n\*)p



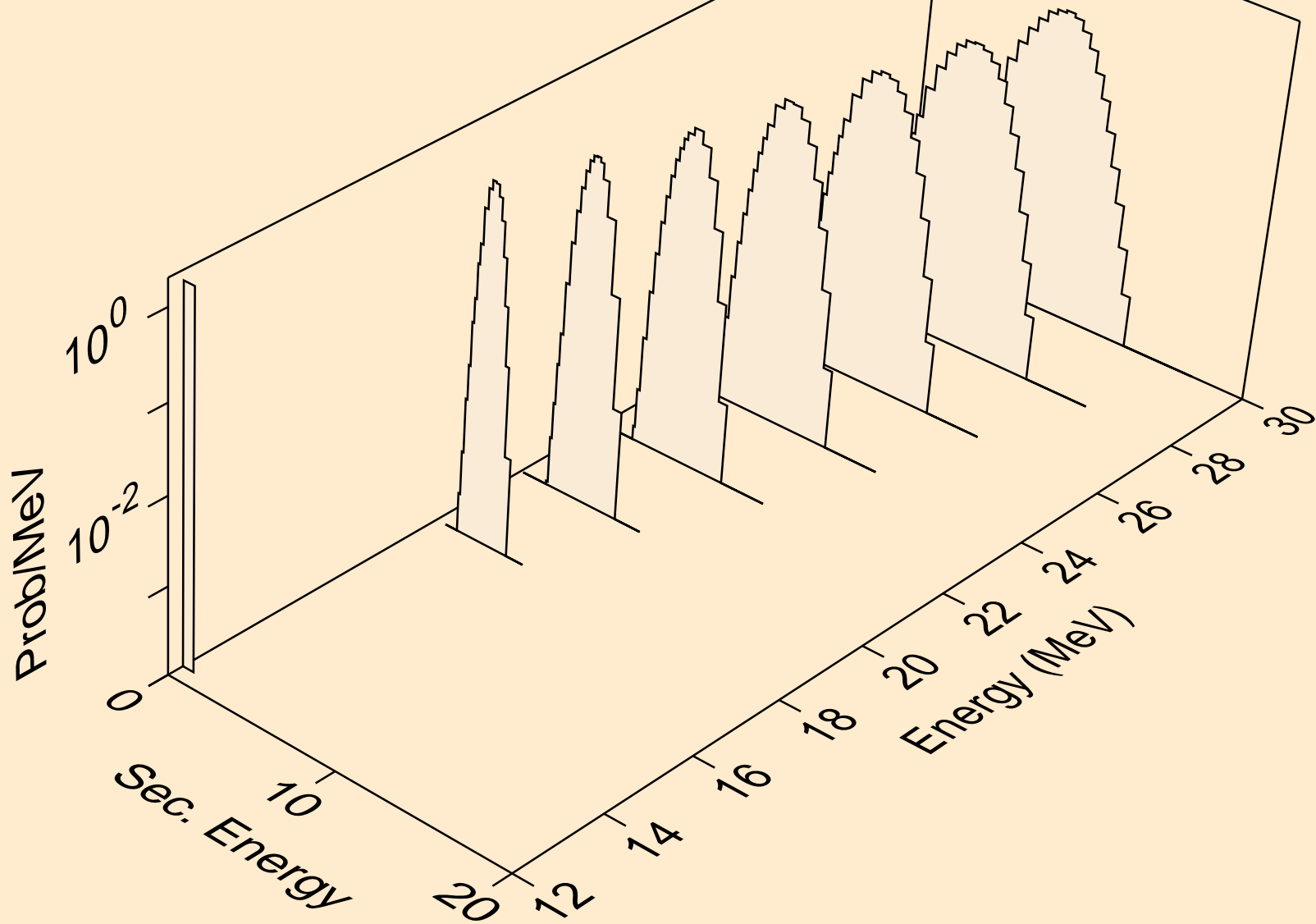
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protons from (n,2np)



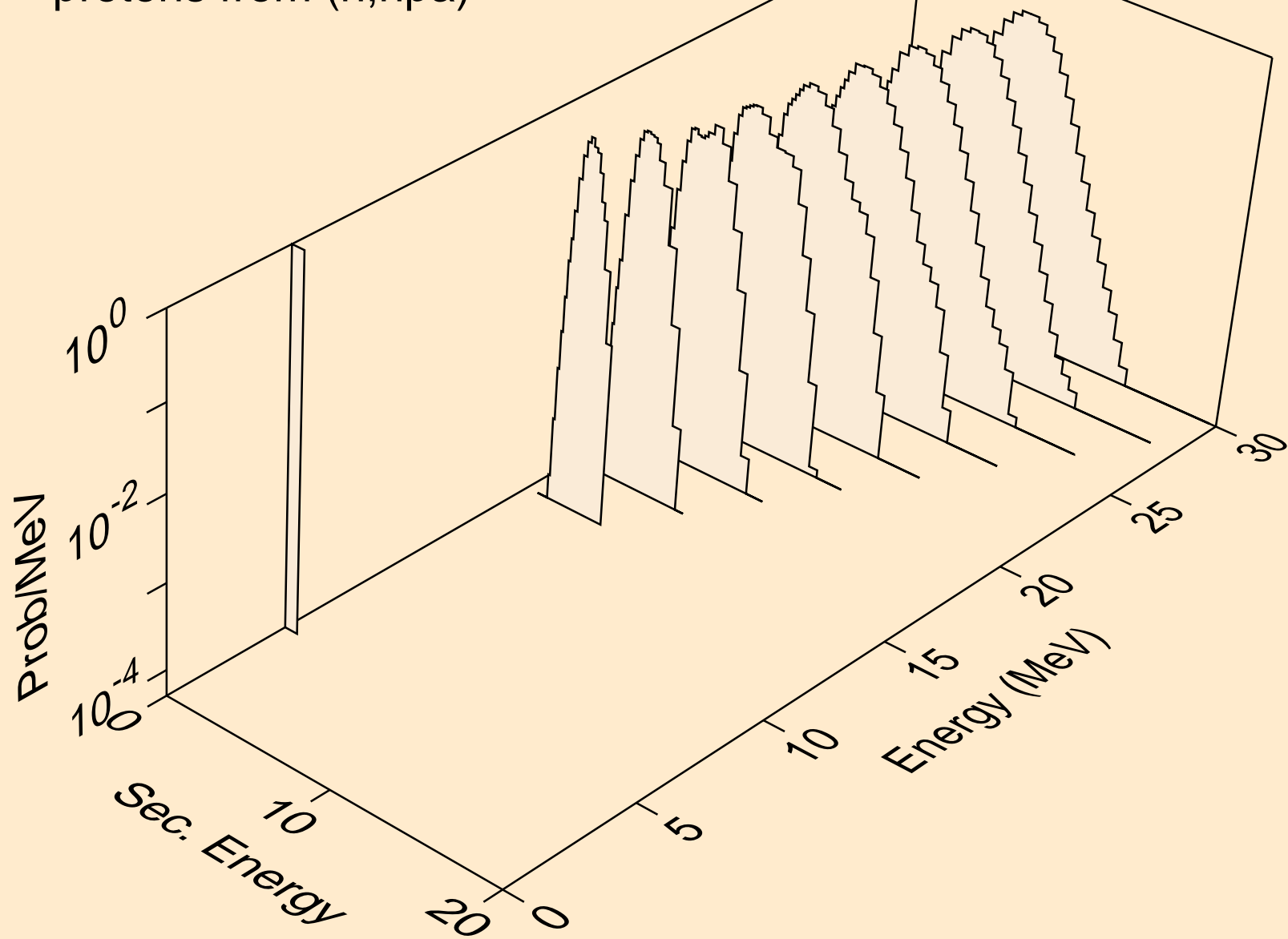
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

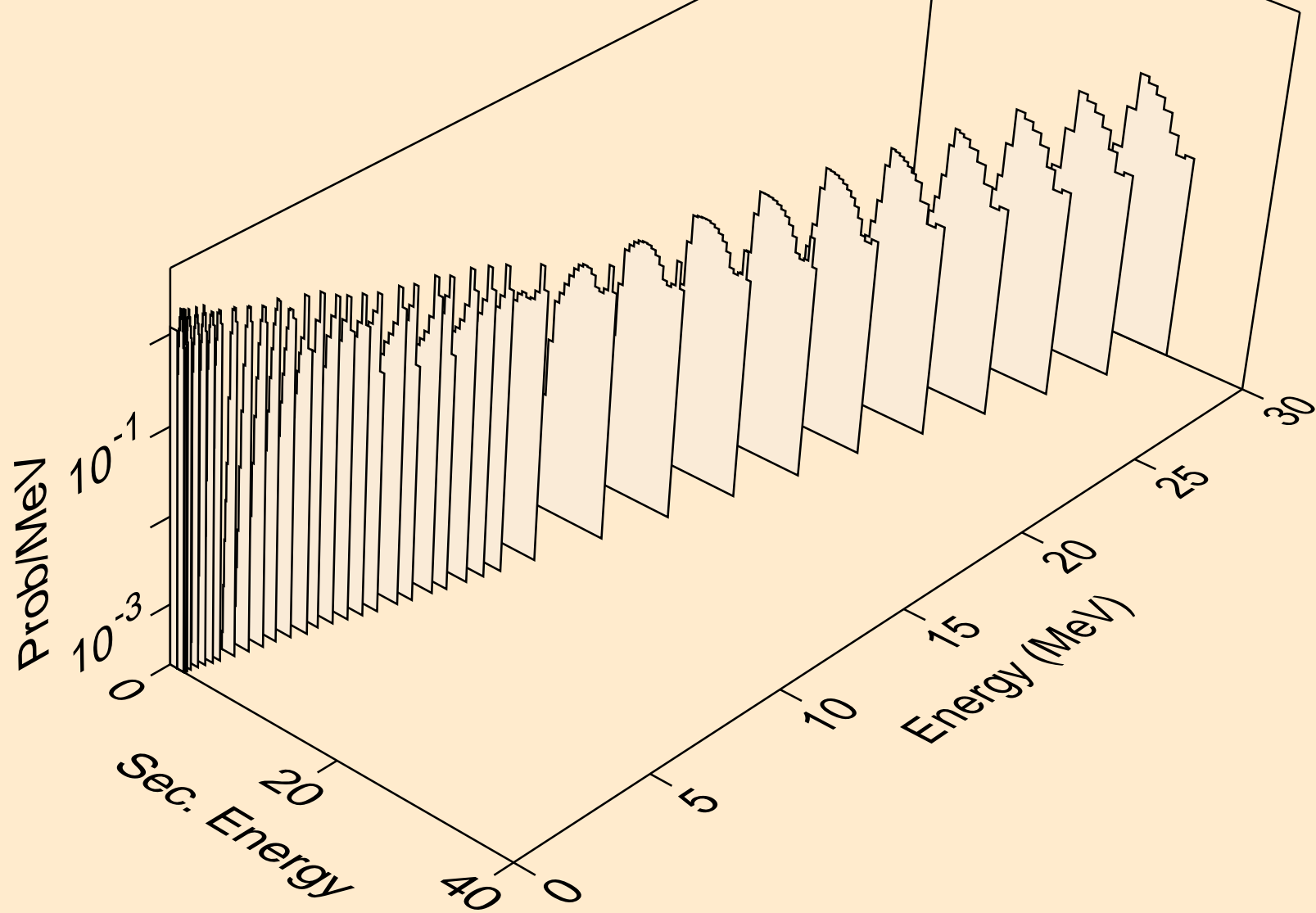


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protons from (n,npa)

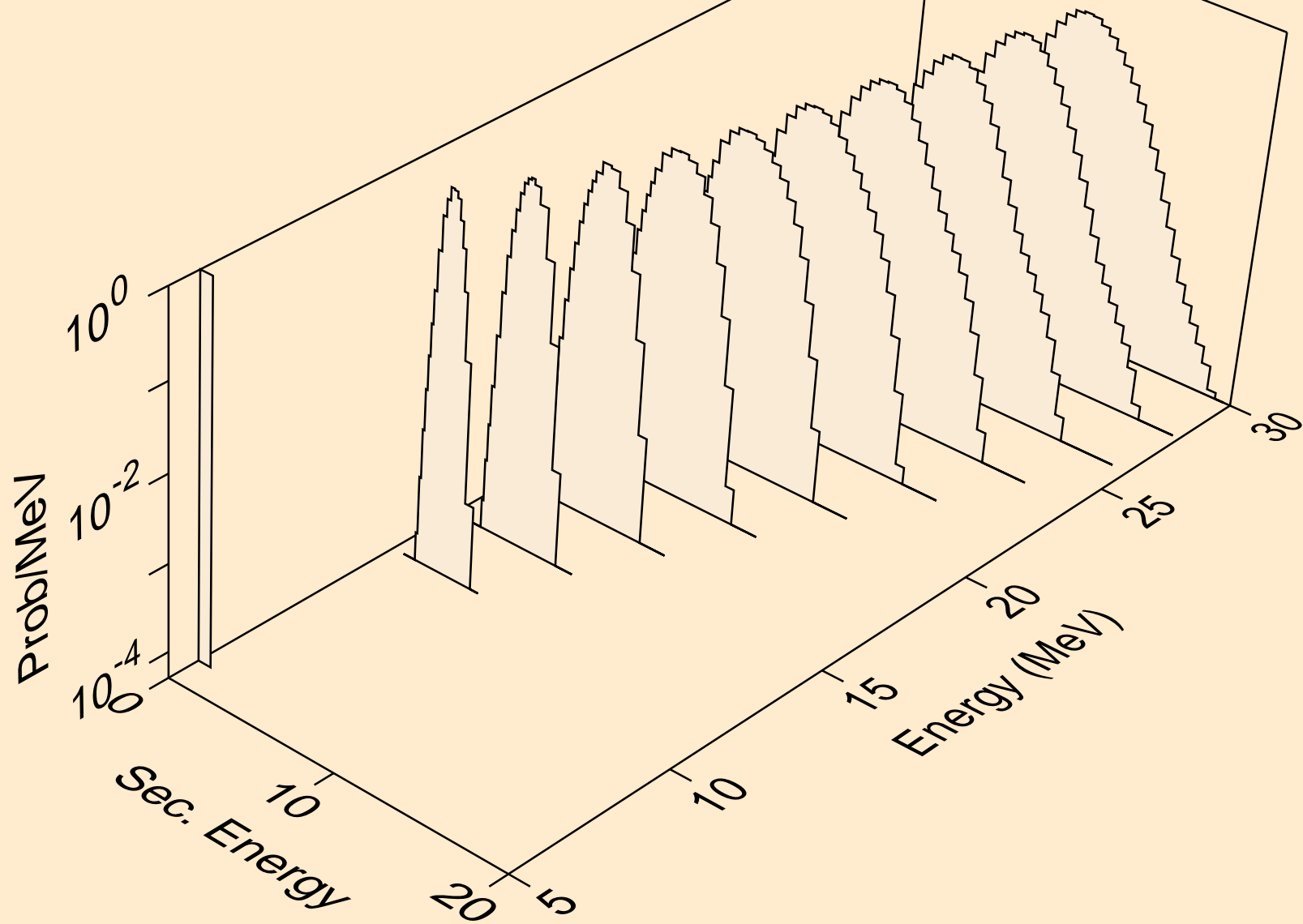




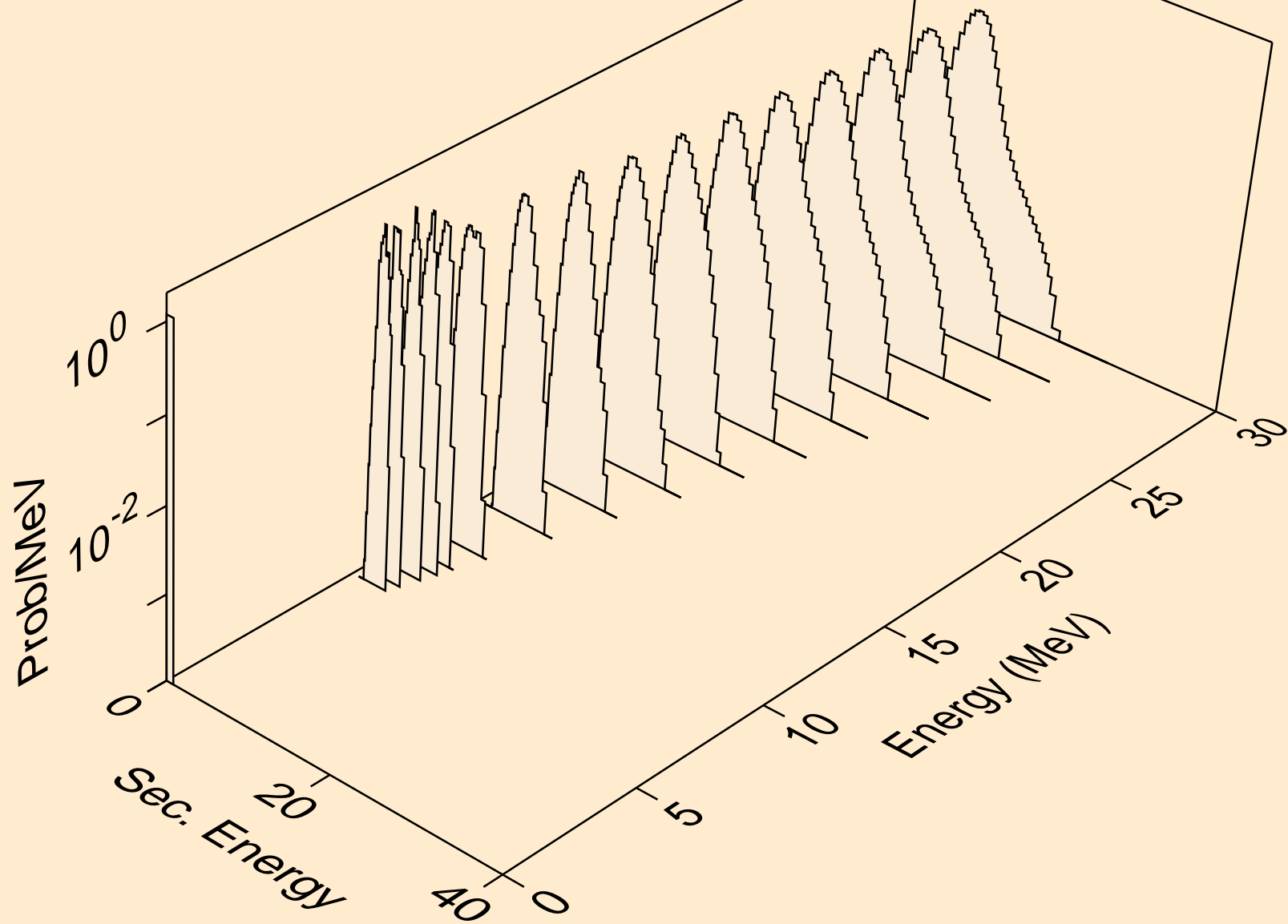
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protons from (n,p)



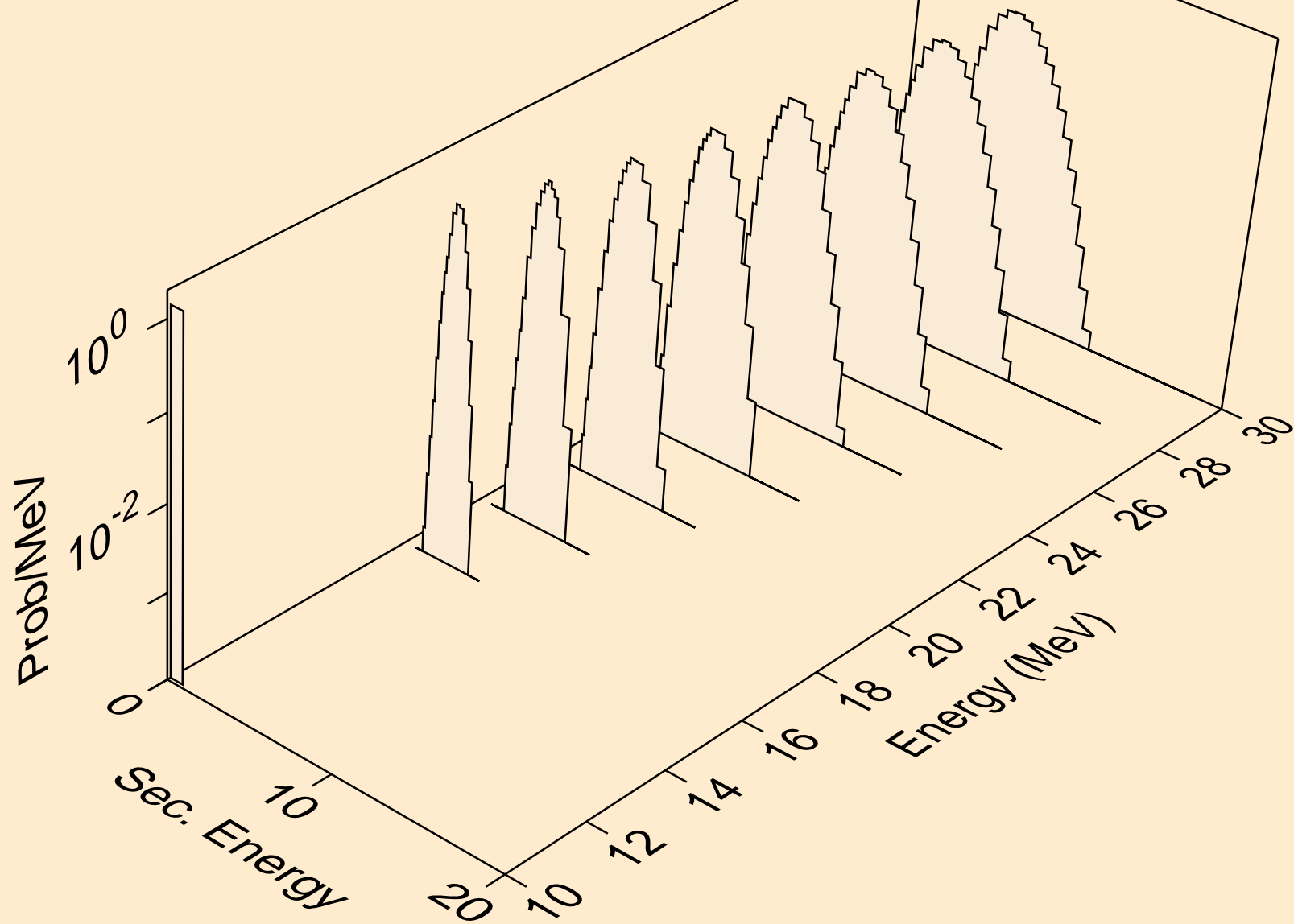
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protons from (n,2p)



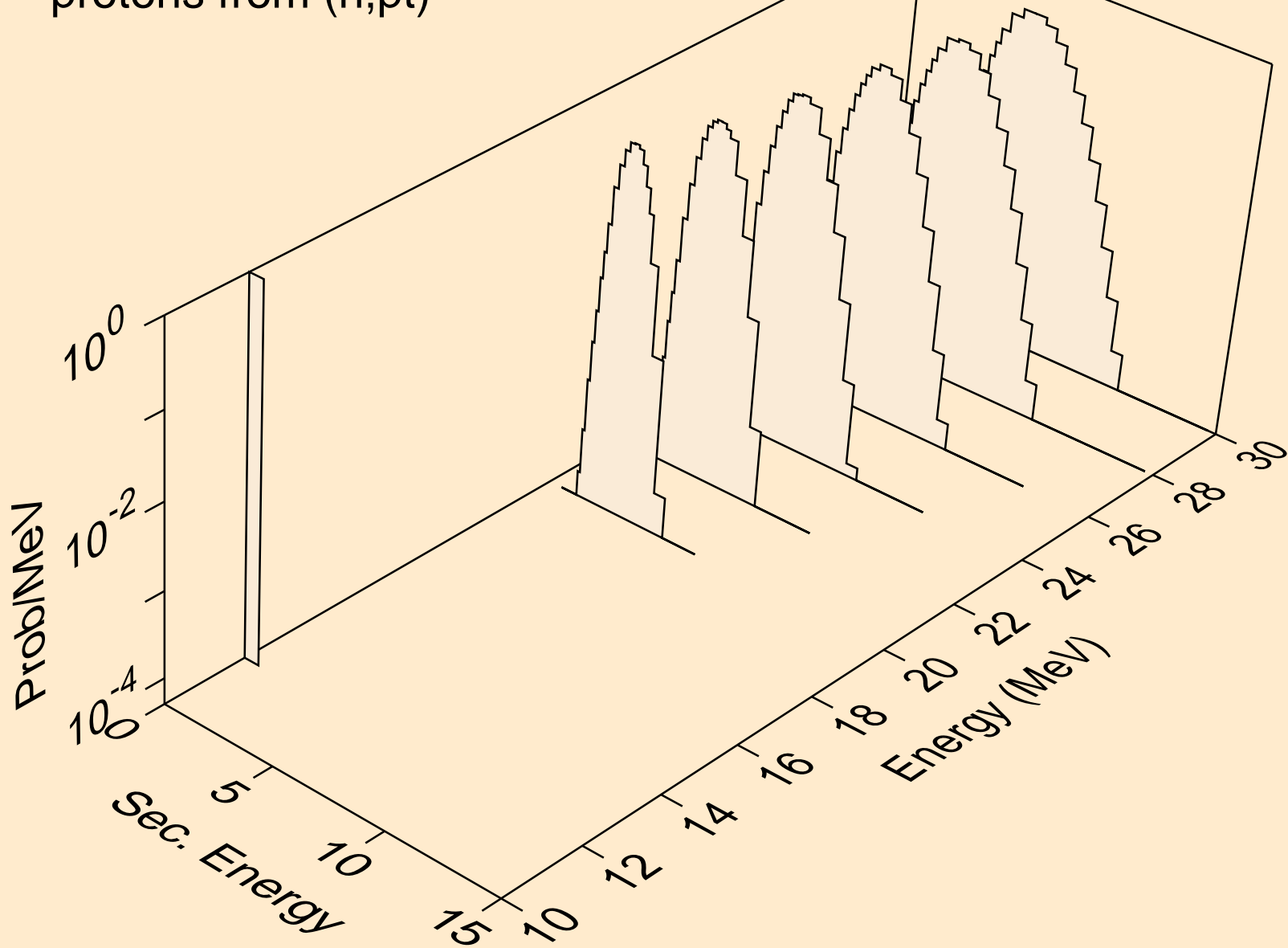
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protons from (n,p)



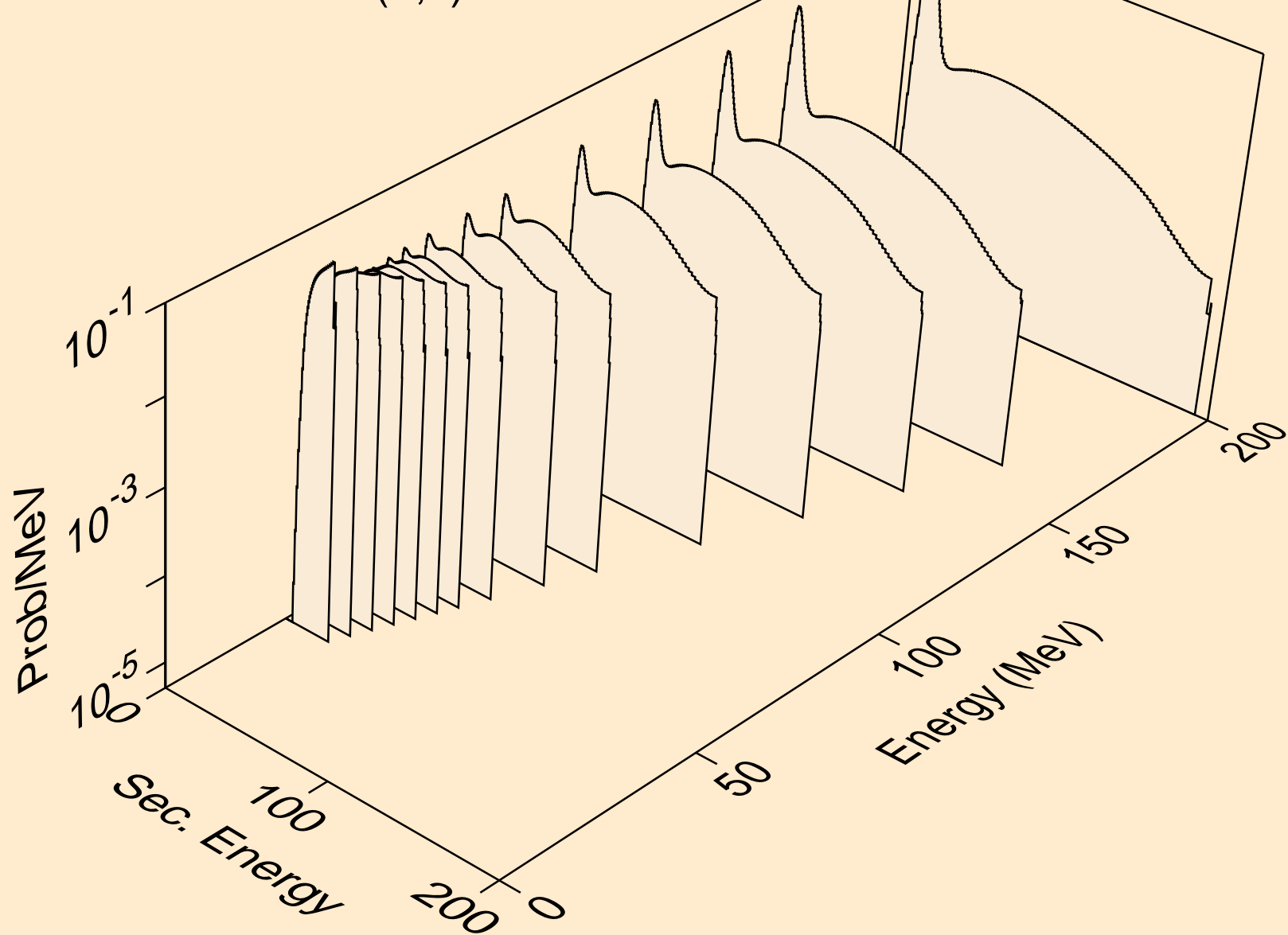
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protons from (n,pd)



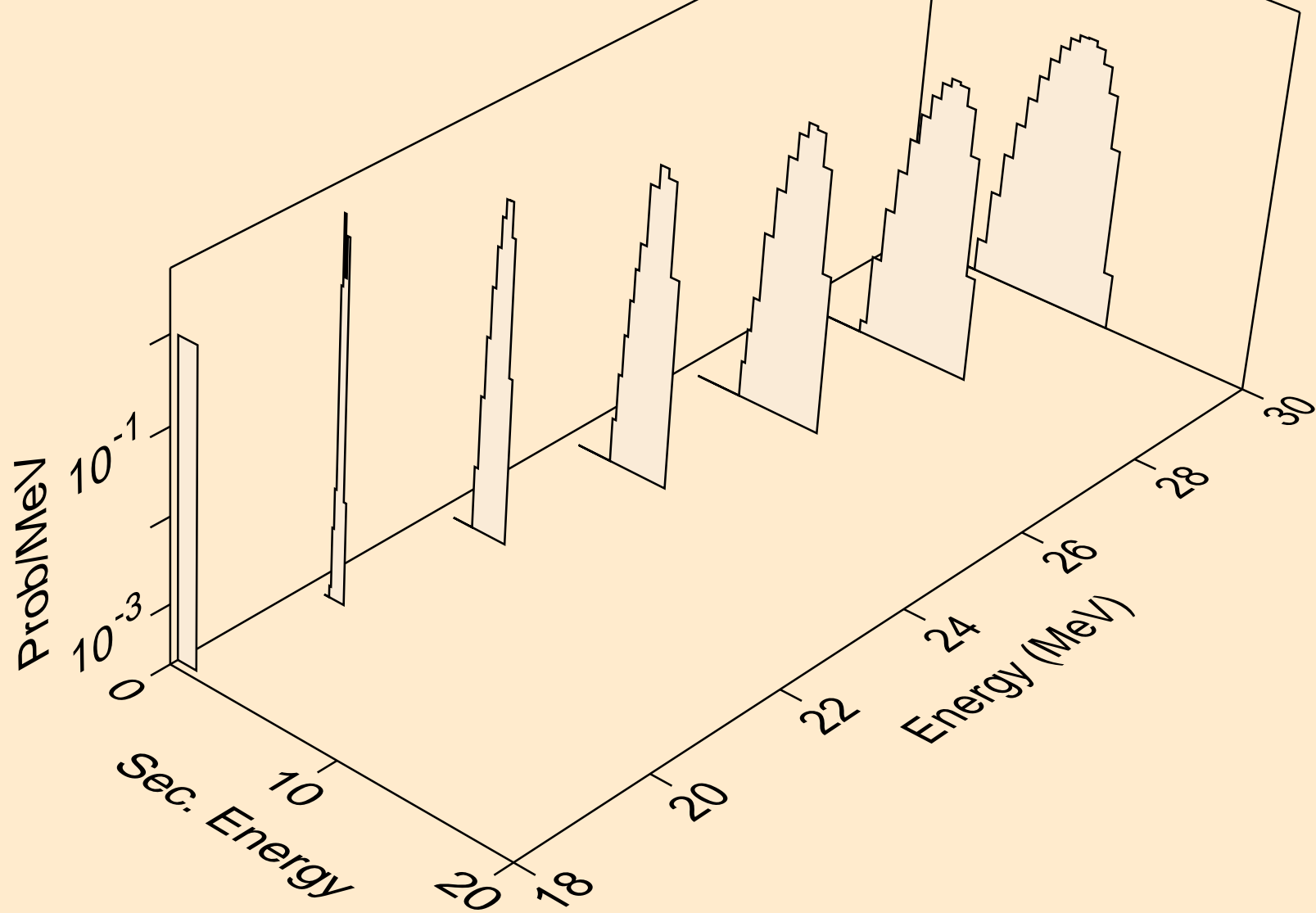
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protons from (n,pt)



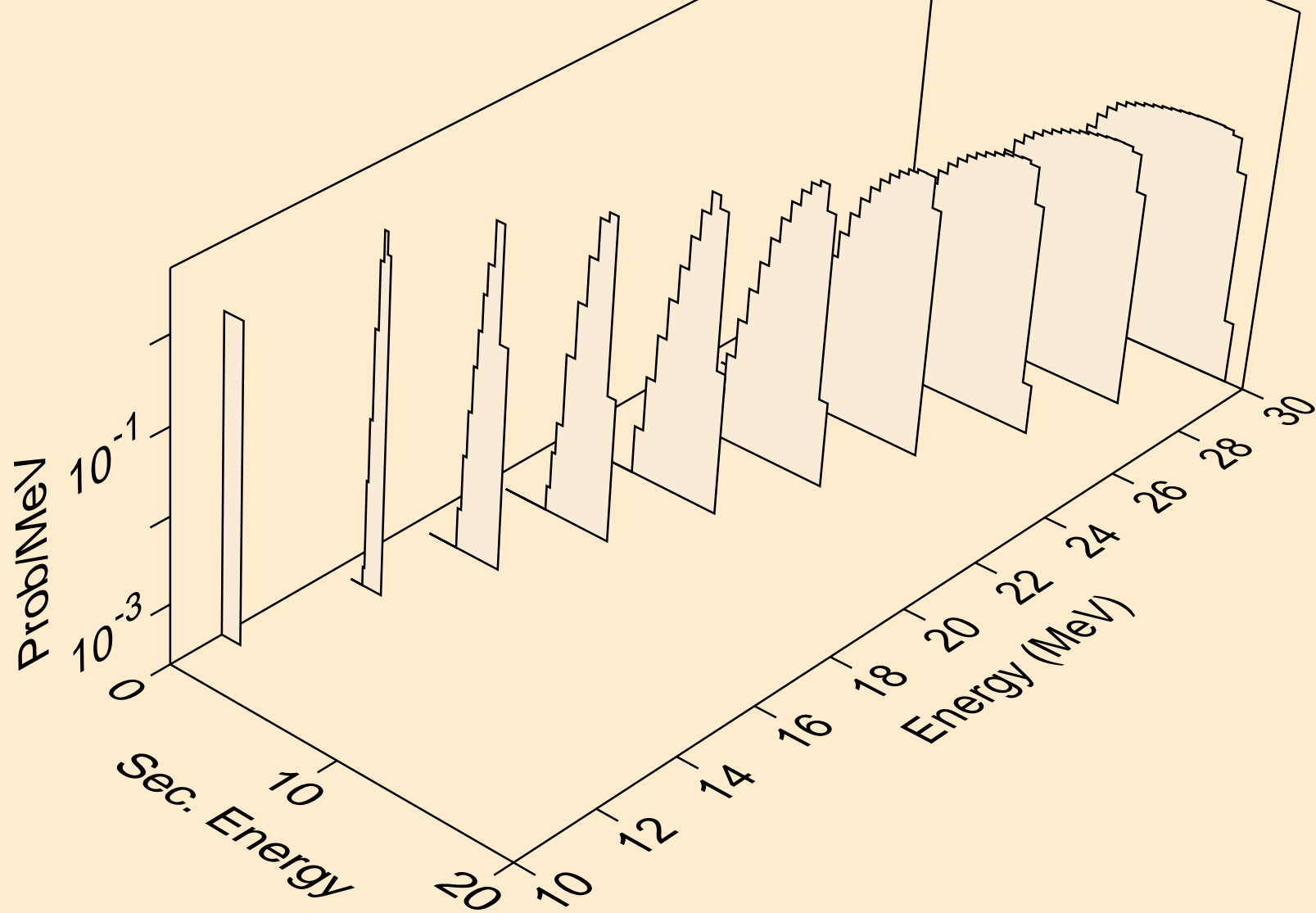
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

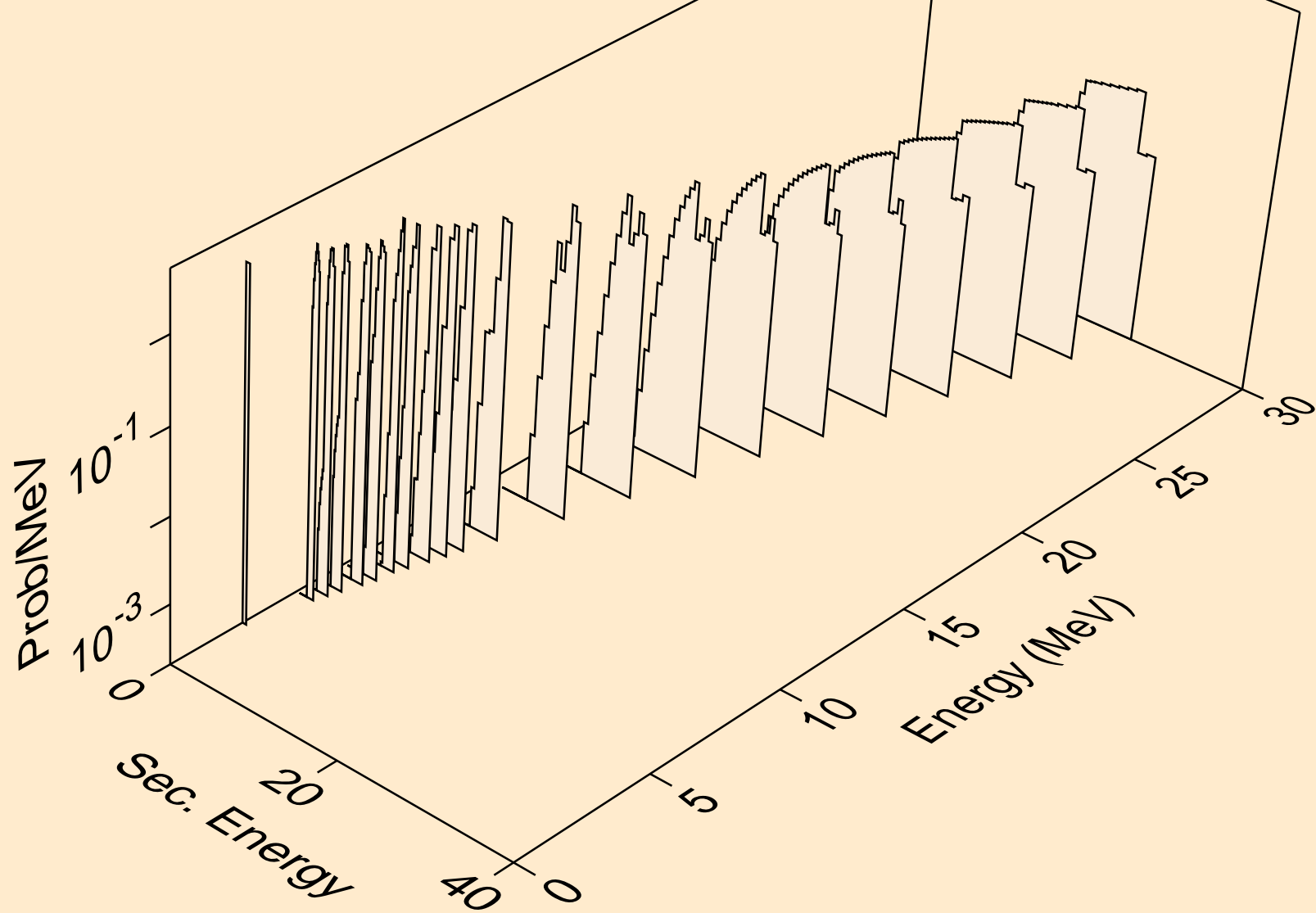


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deuterons from (n,n\*)d

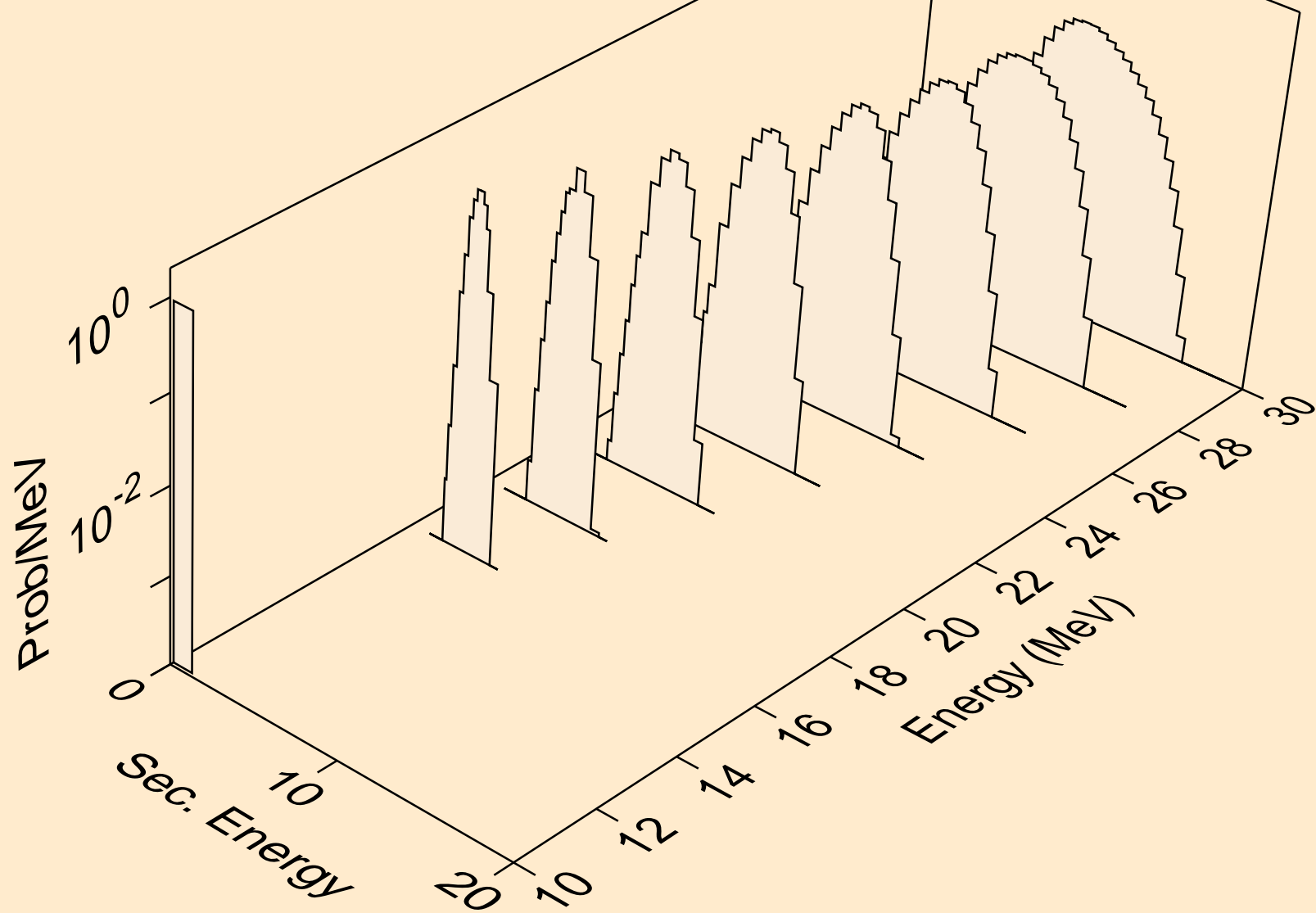




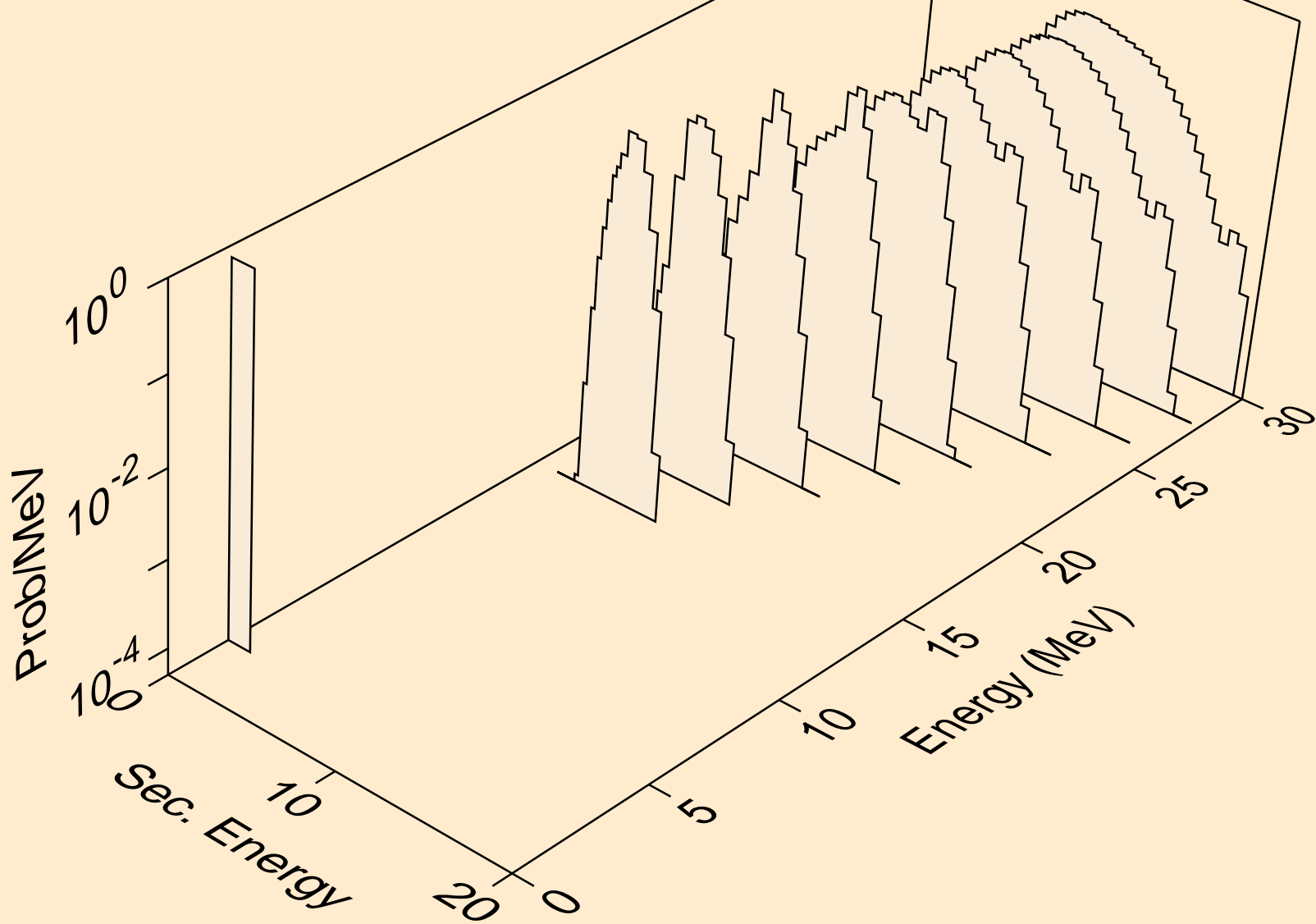
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deuterons from (n,d)



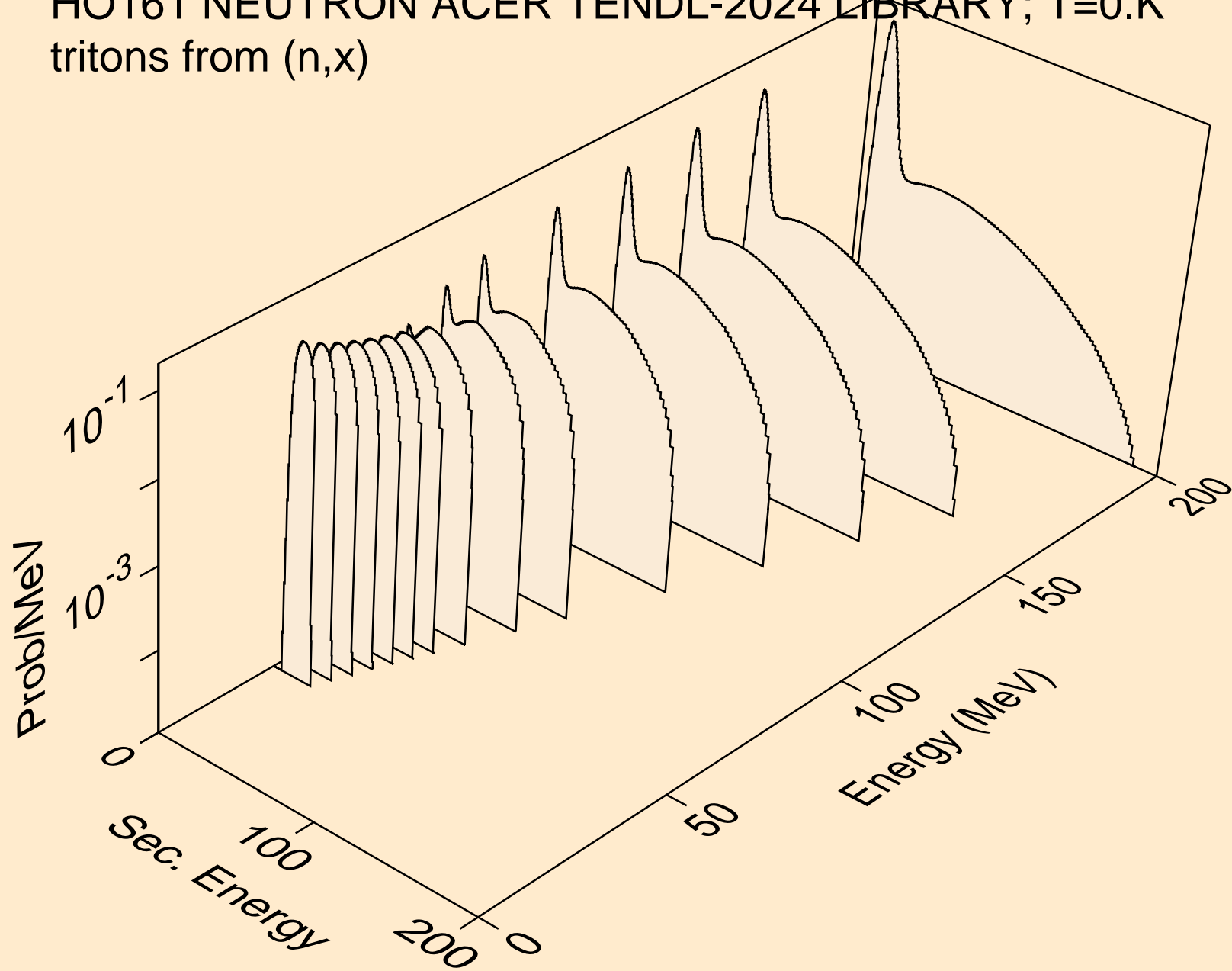
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deuterons from (n,pd)



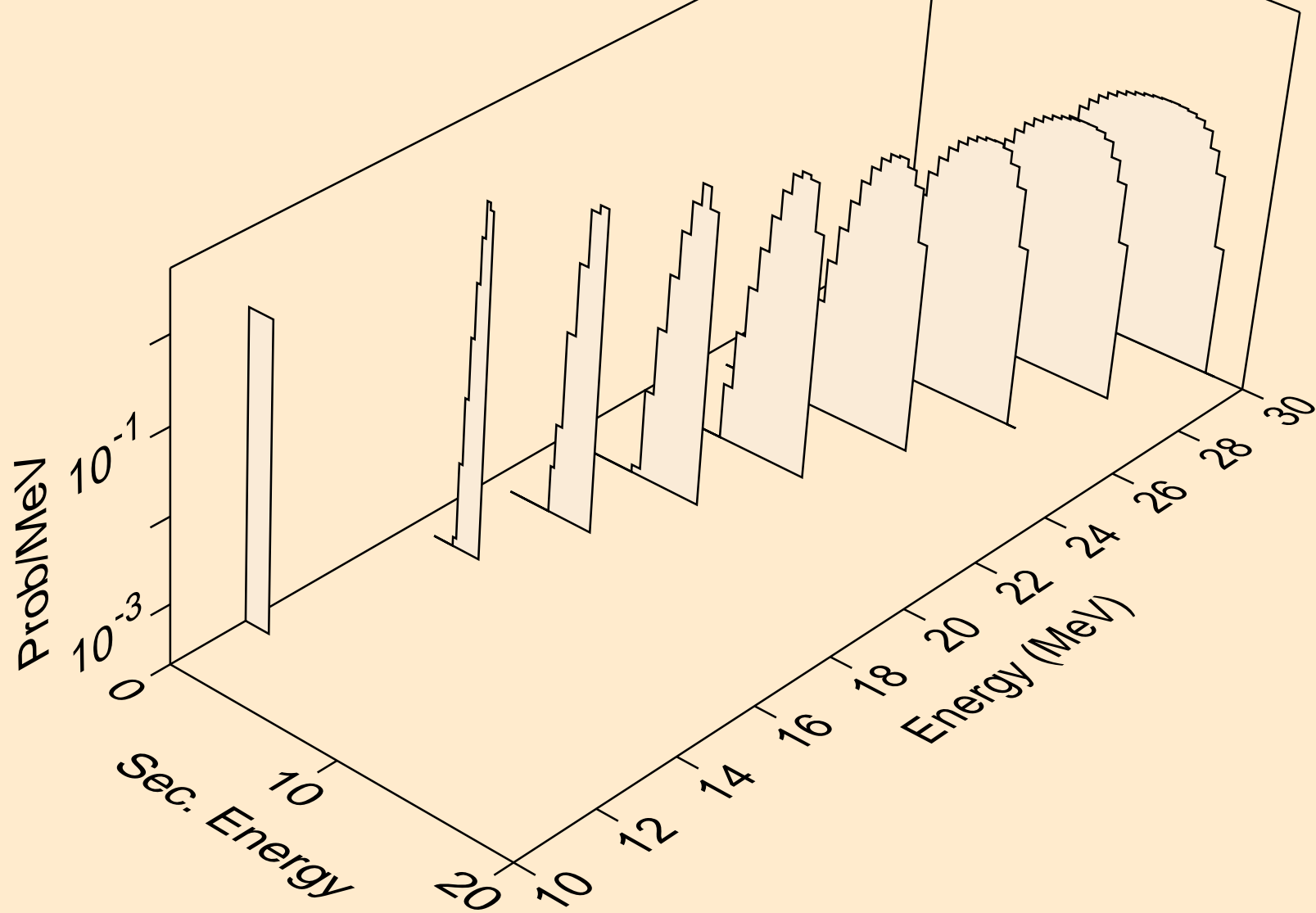
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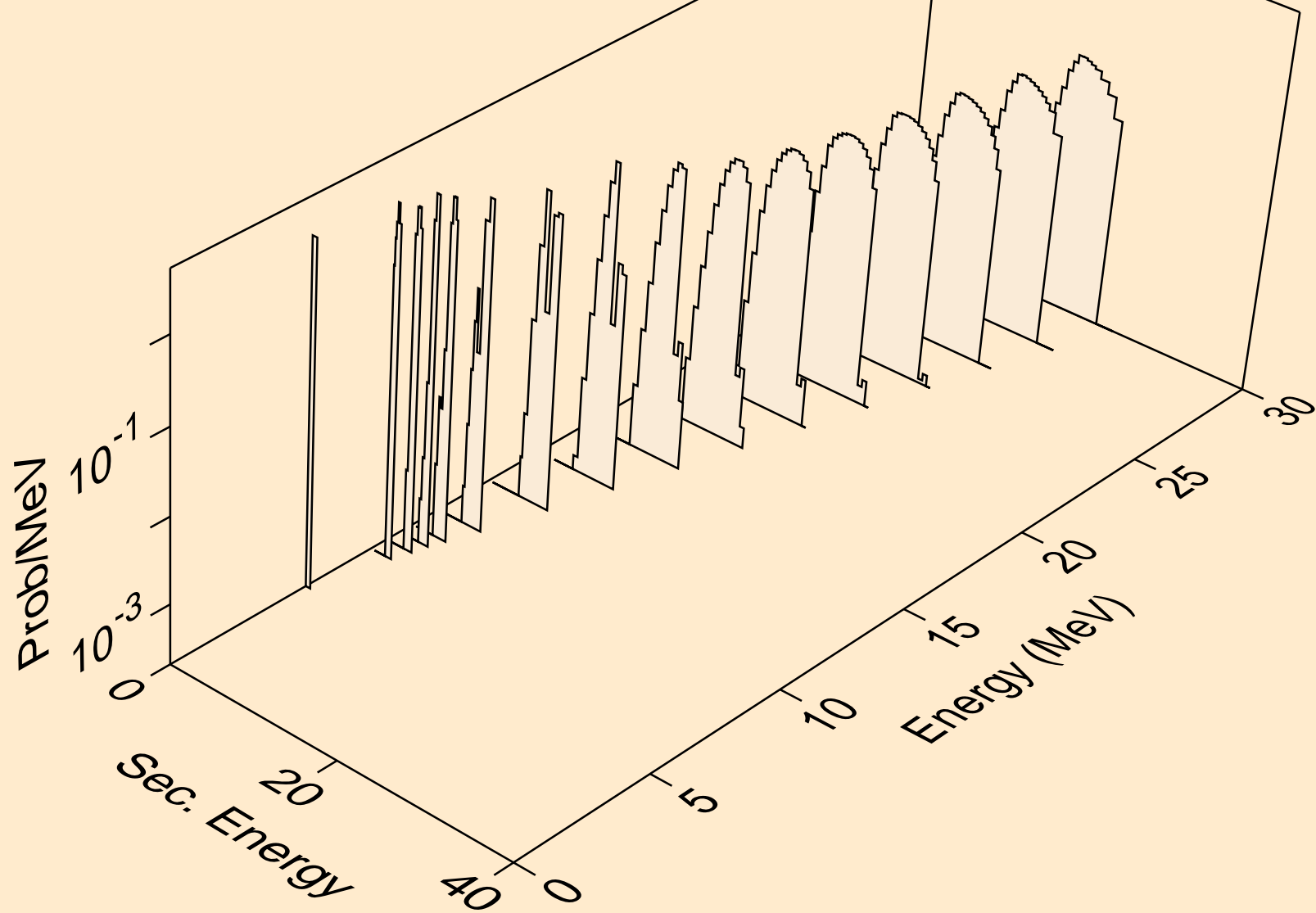
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tritons from (n,x)



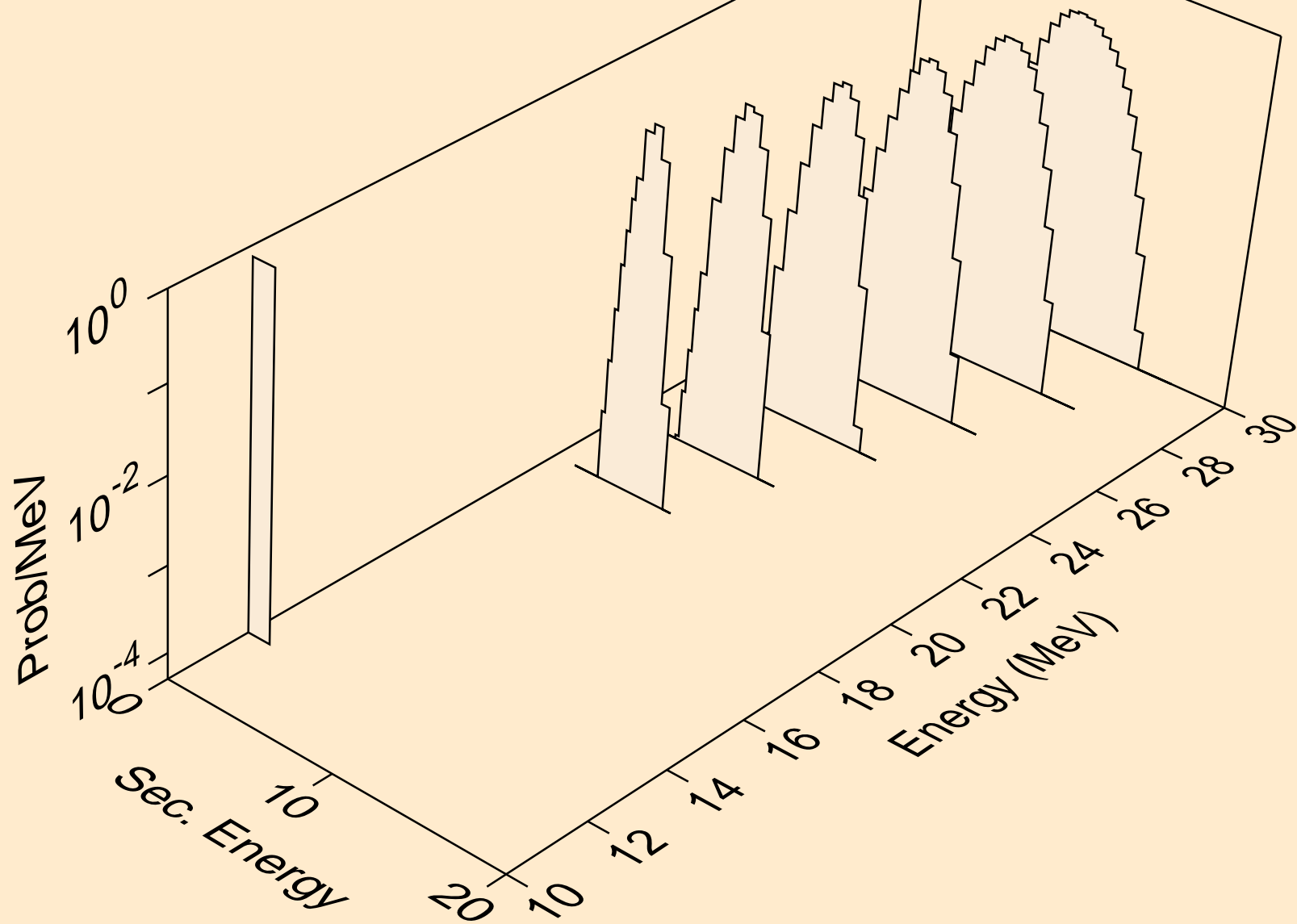
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



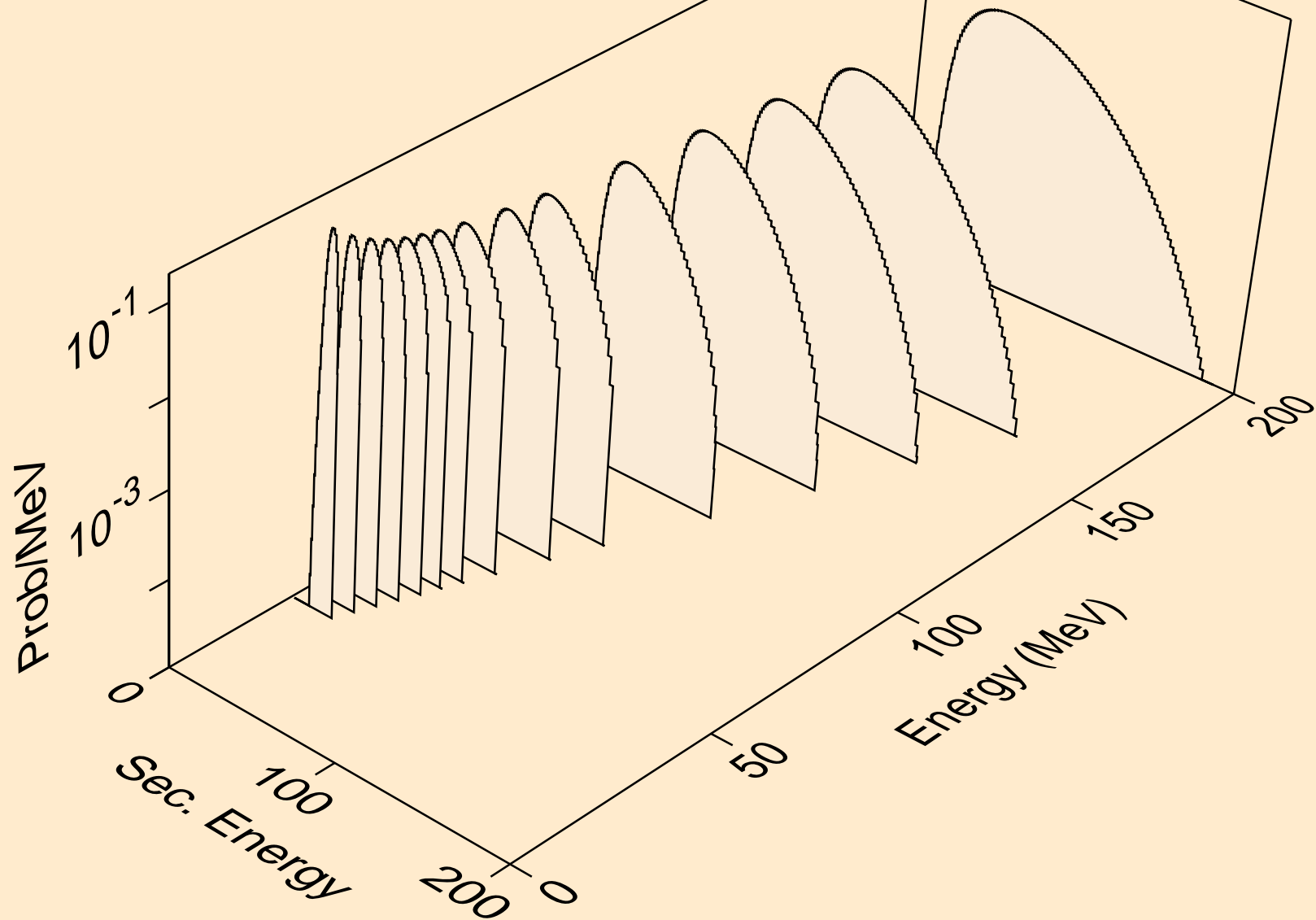
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

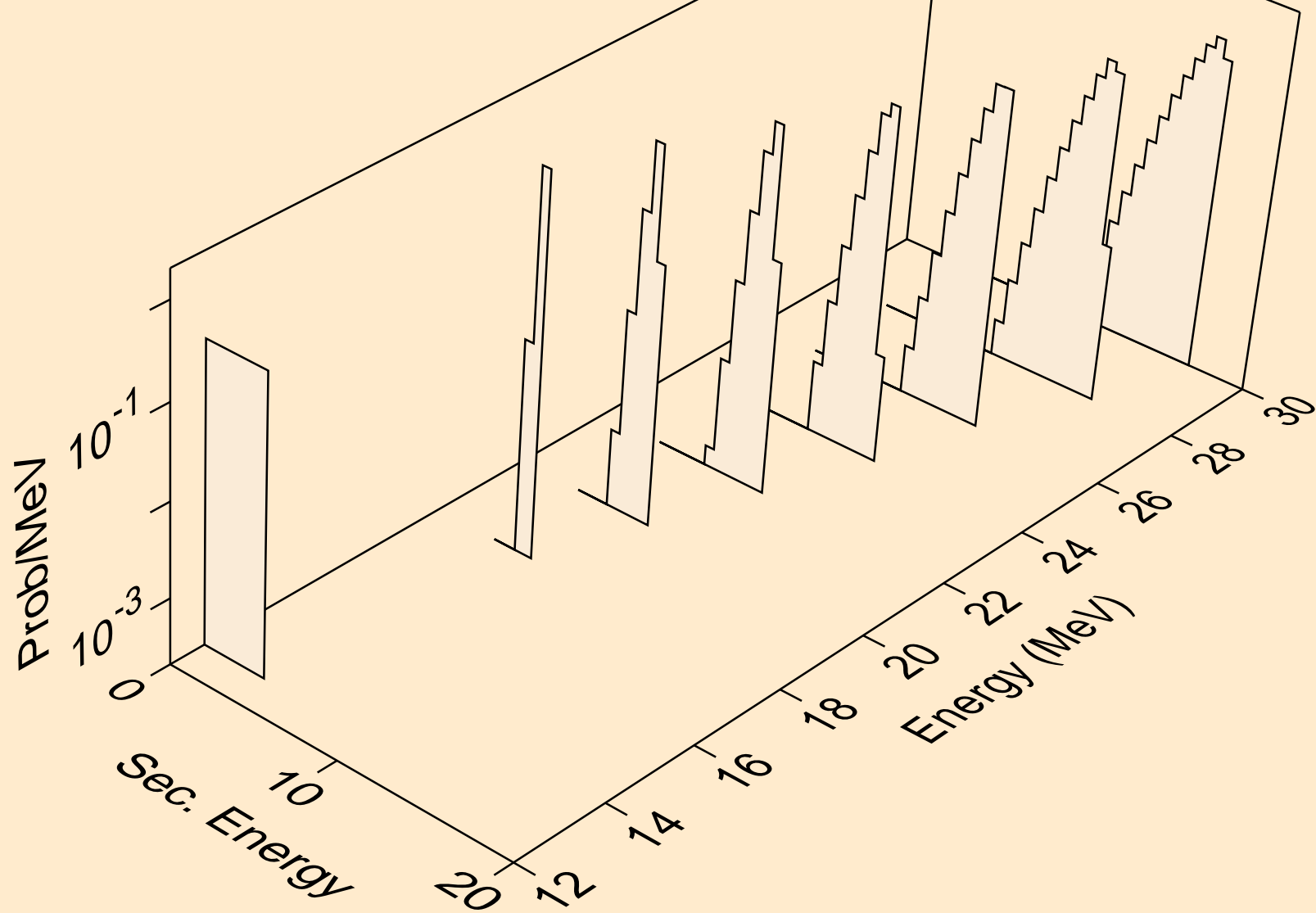


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

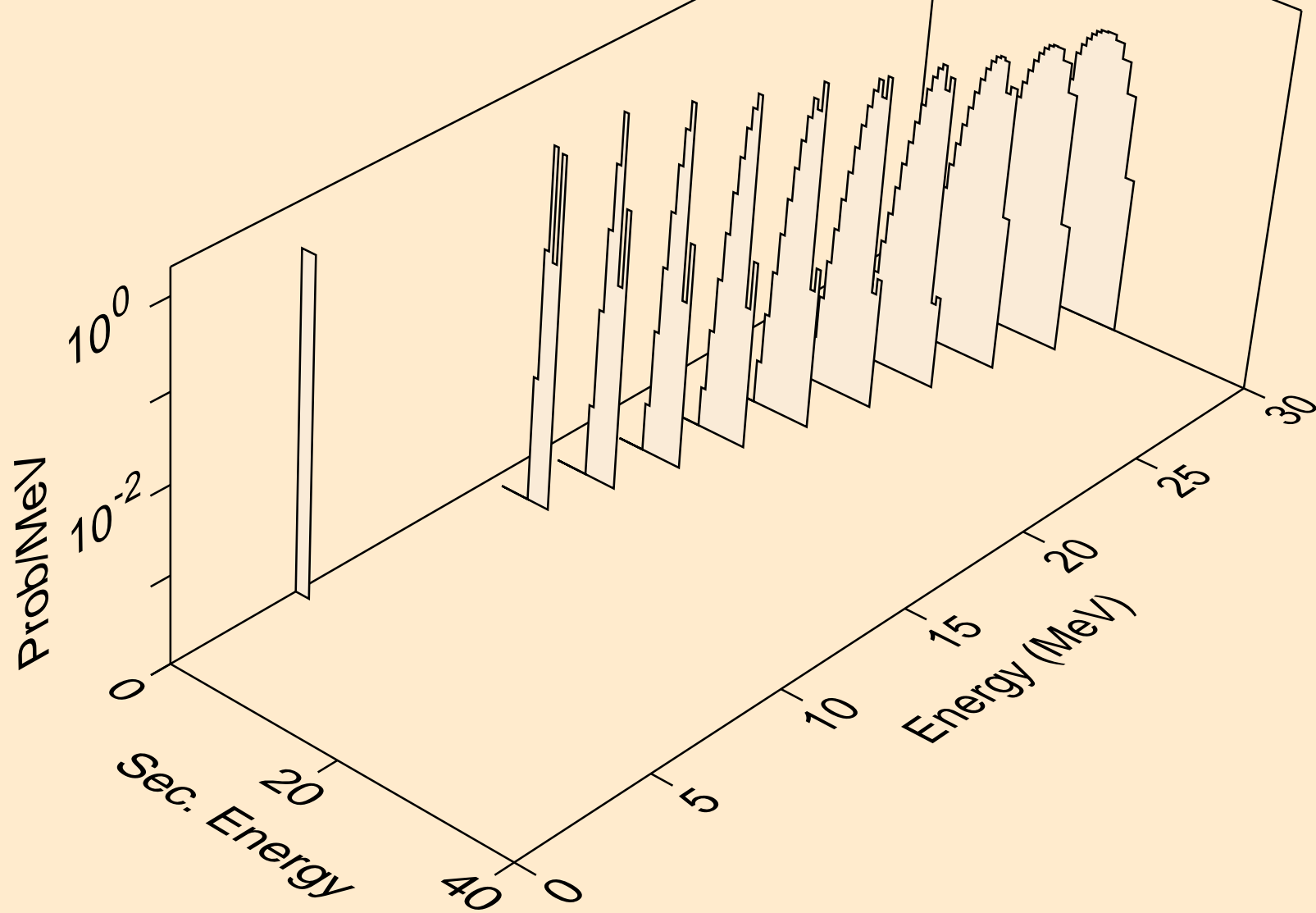




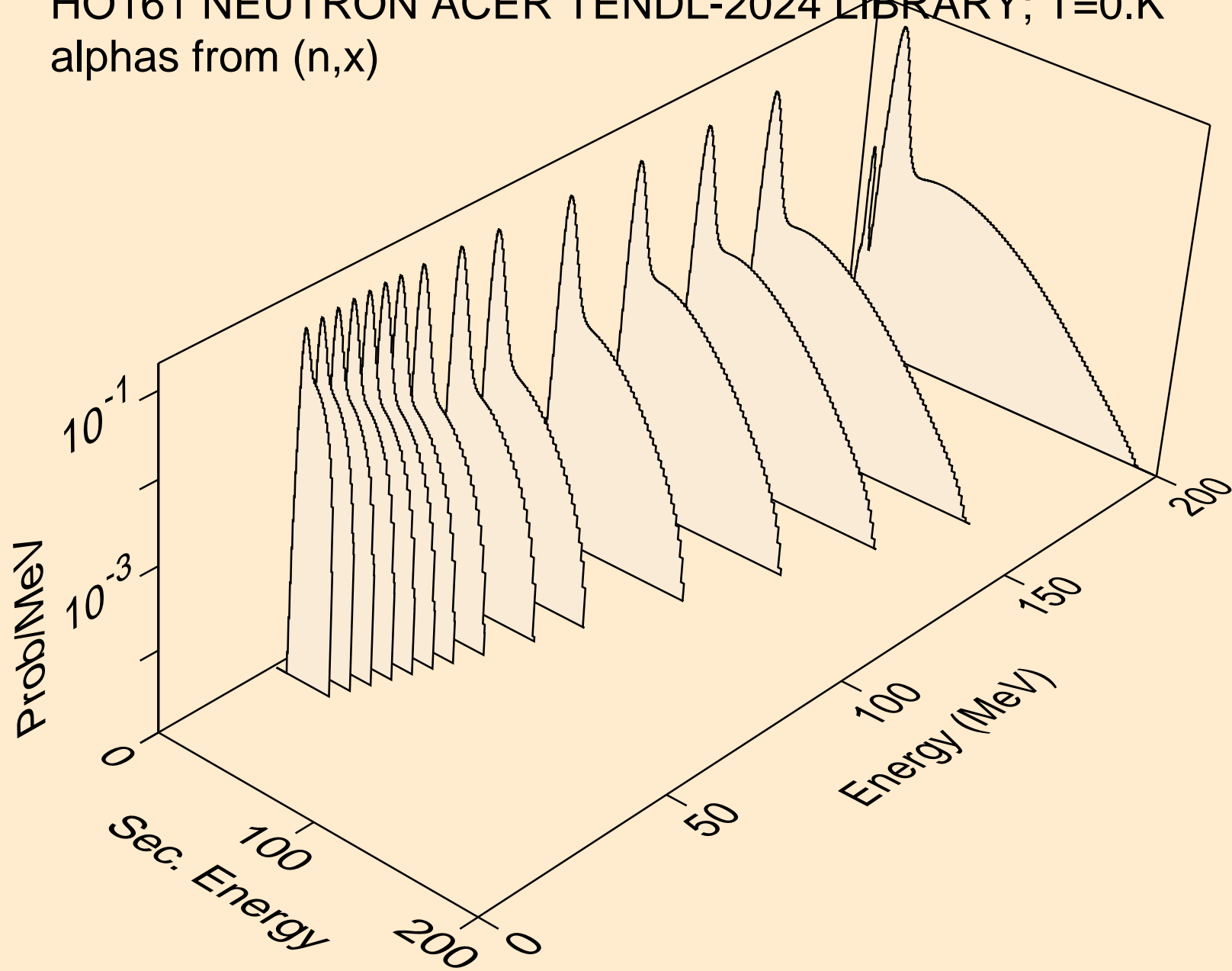
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



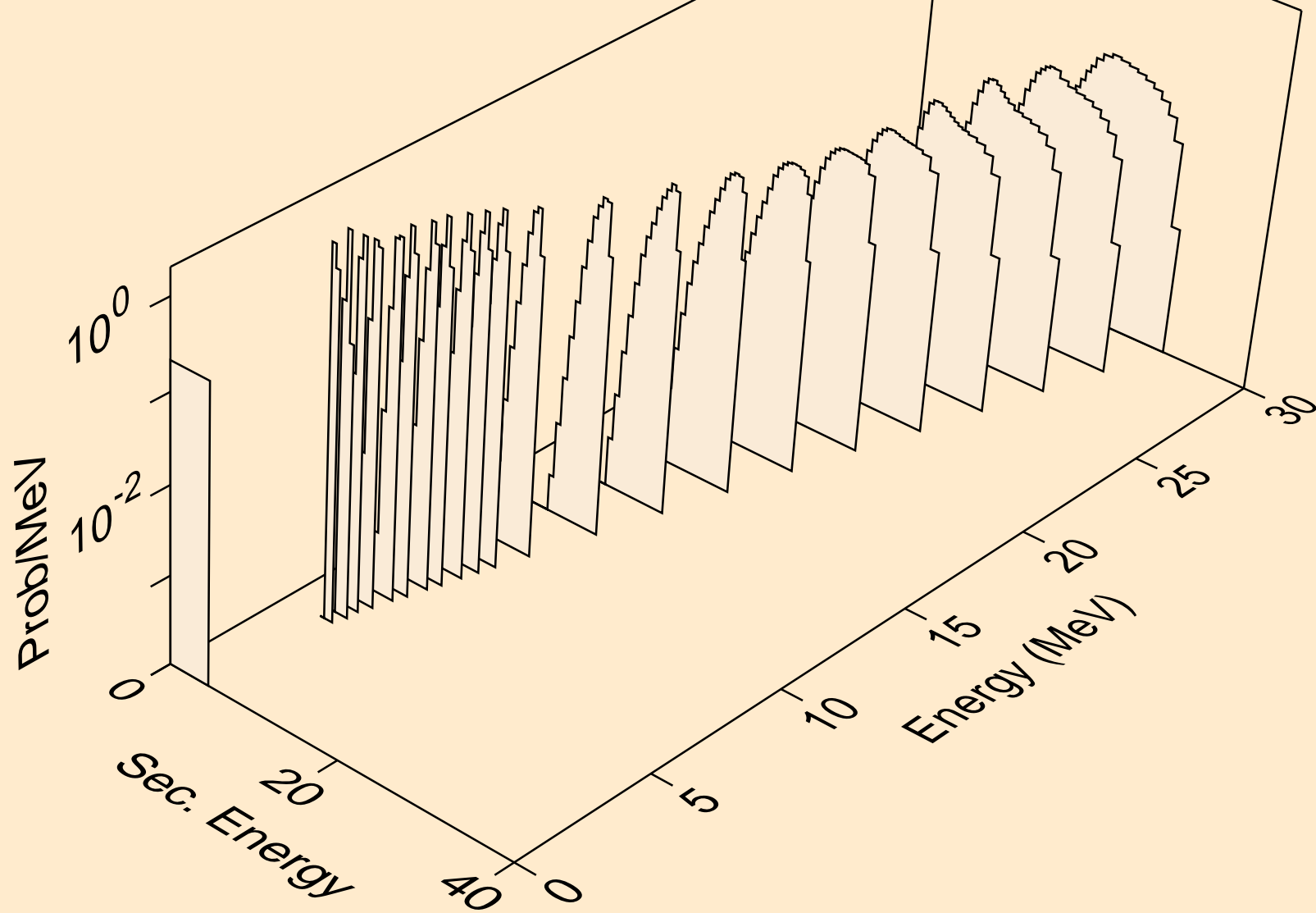
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he3s from (n,he3)



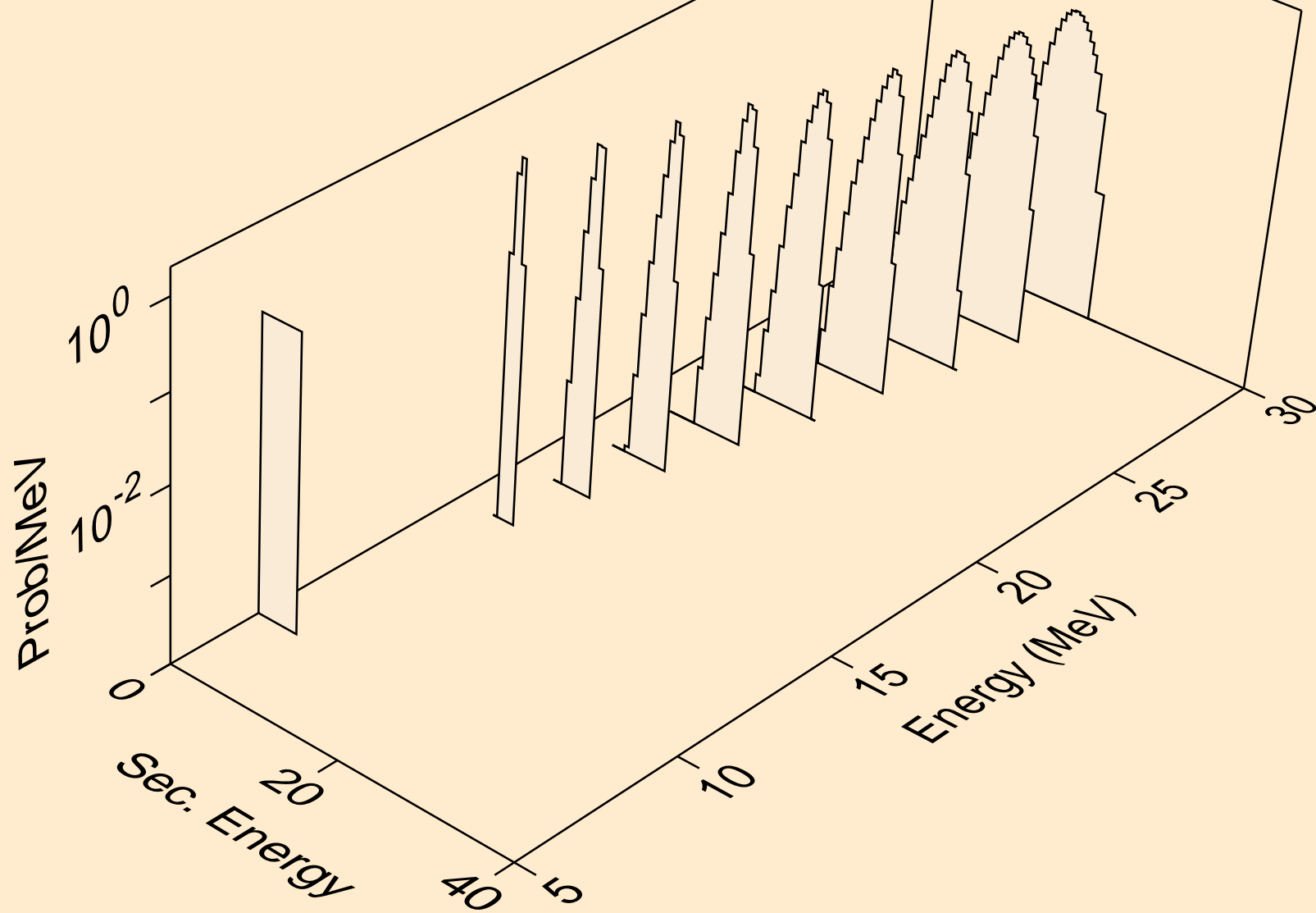
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



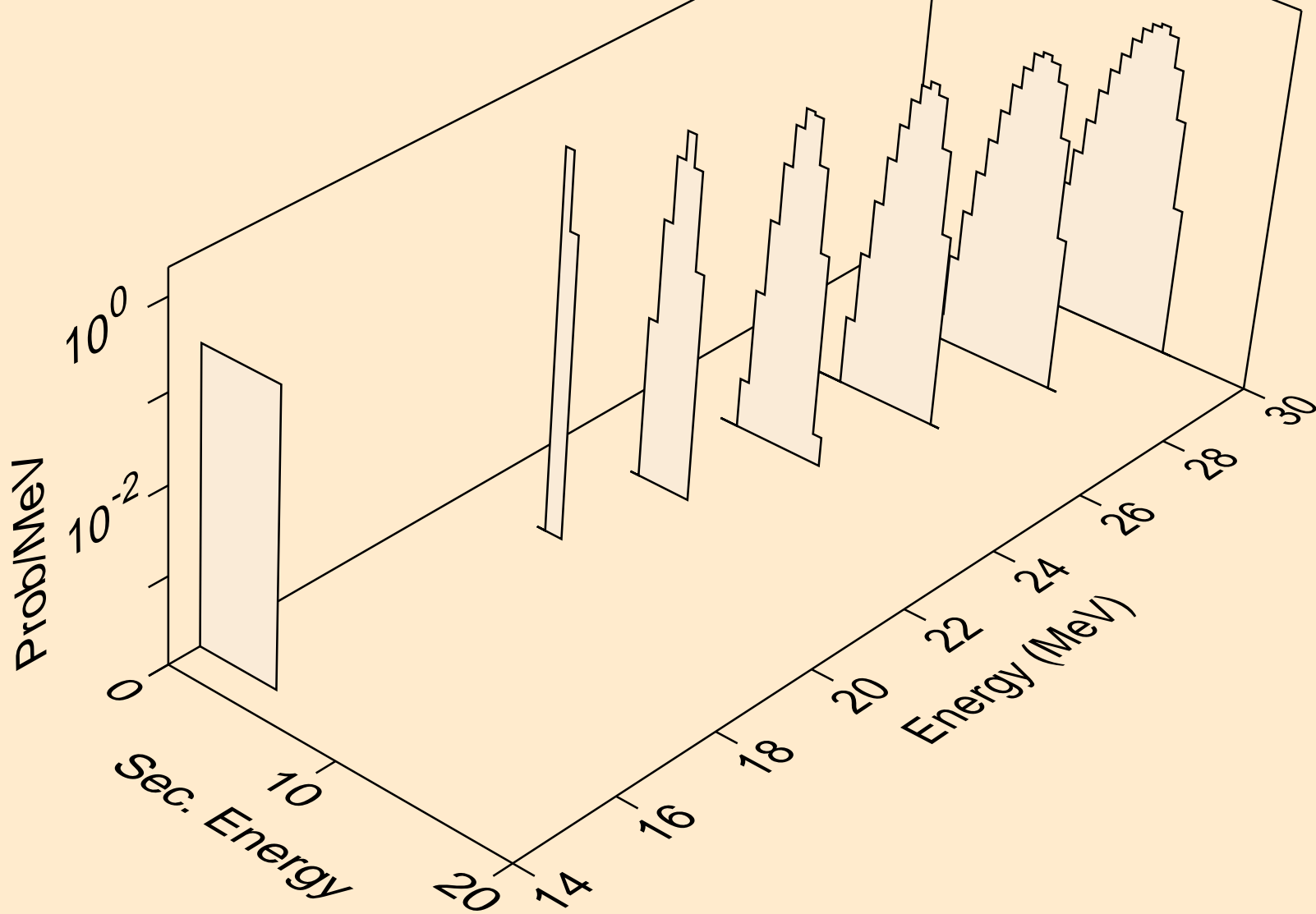
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



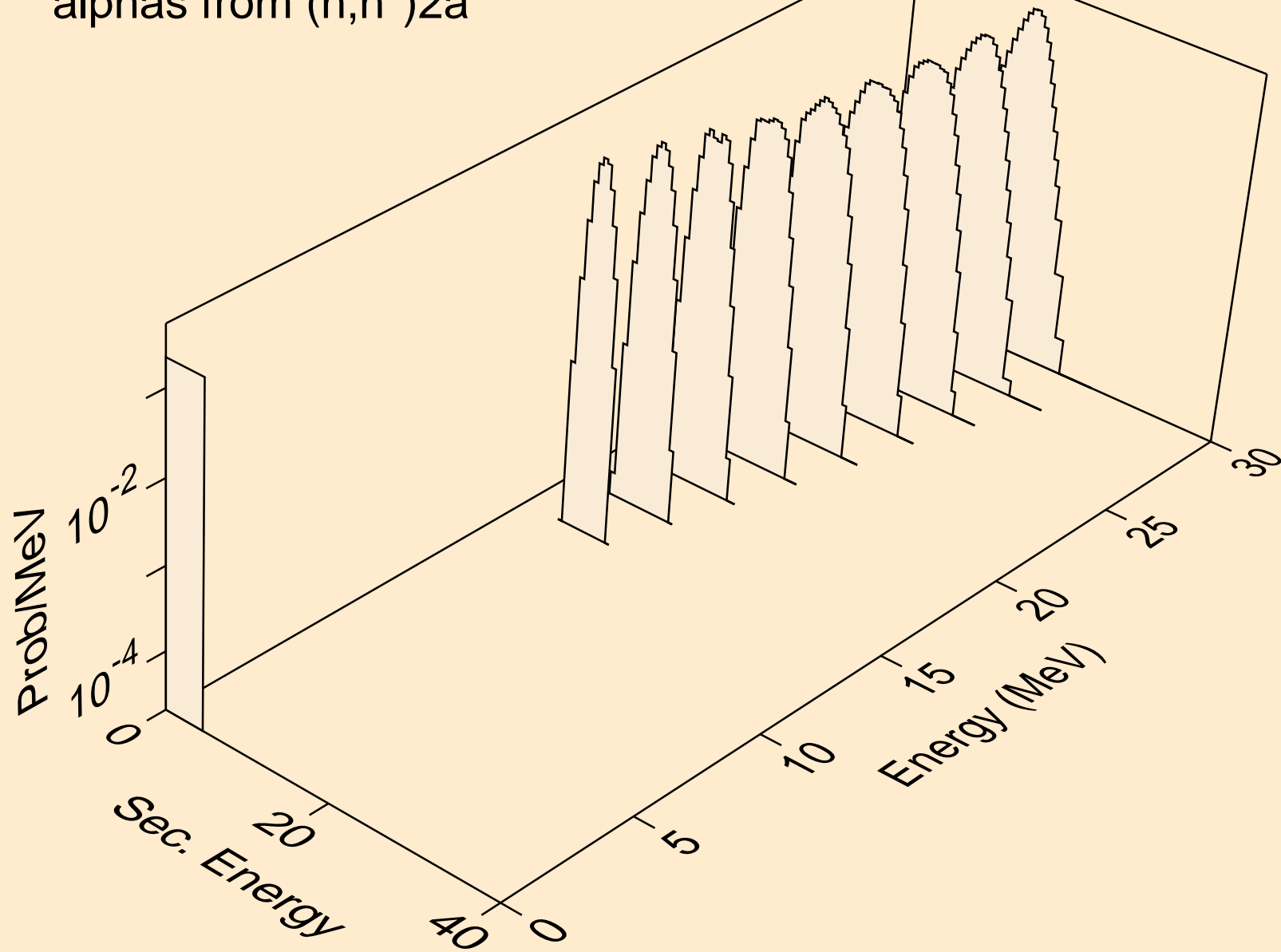
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alphas from (n,2n)a



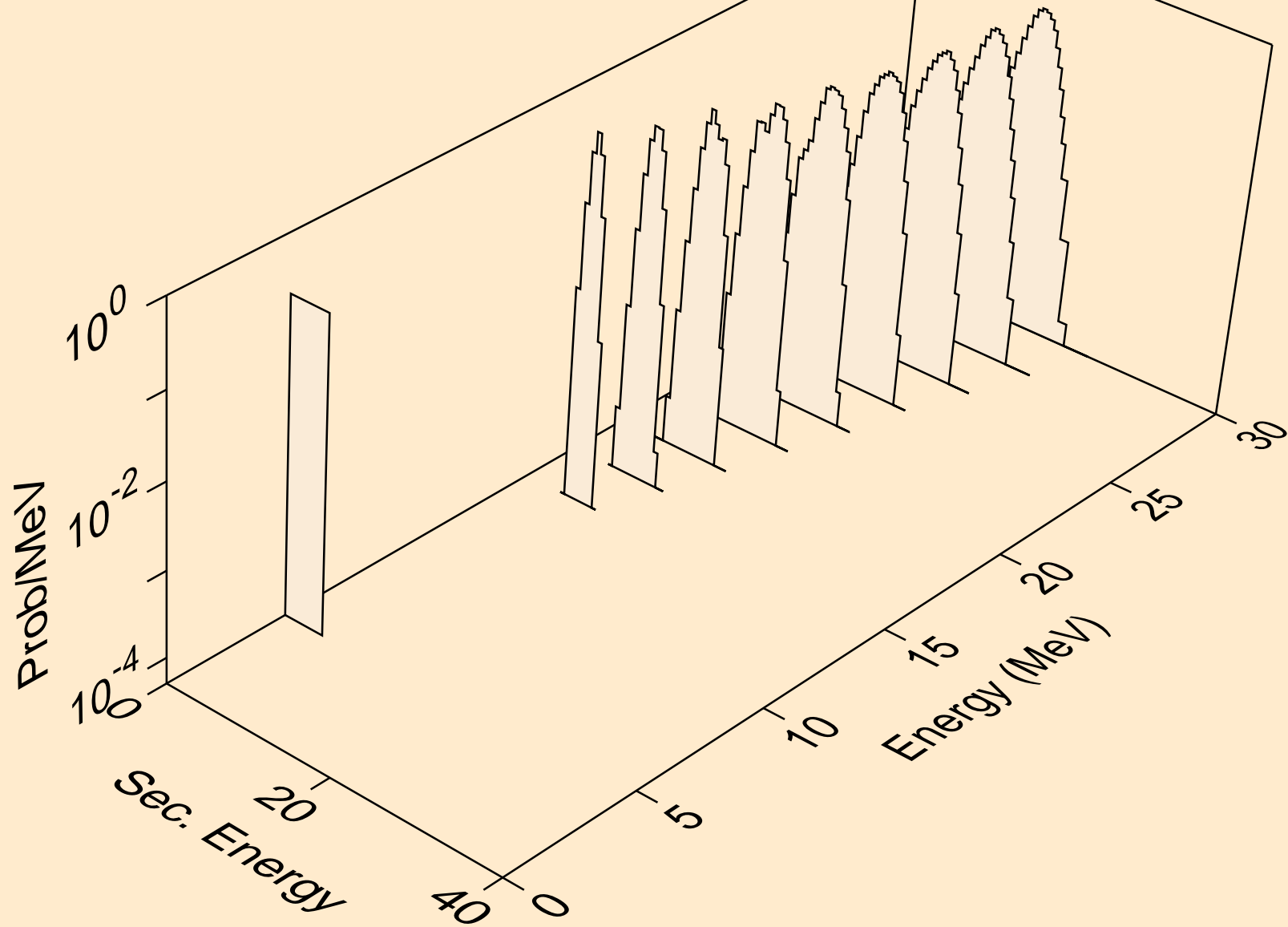
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

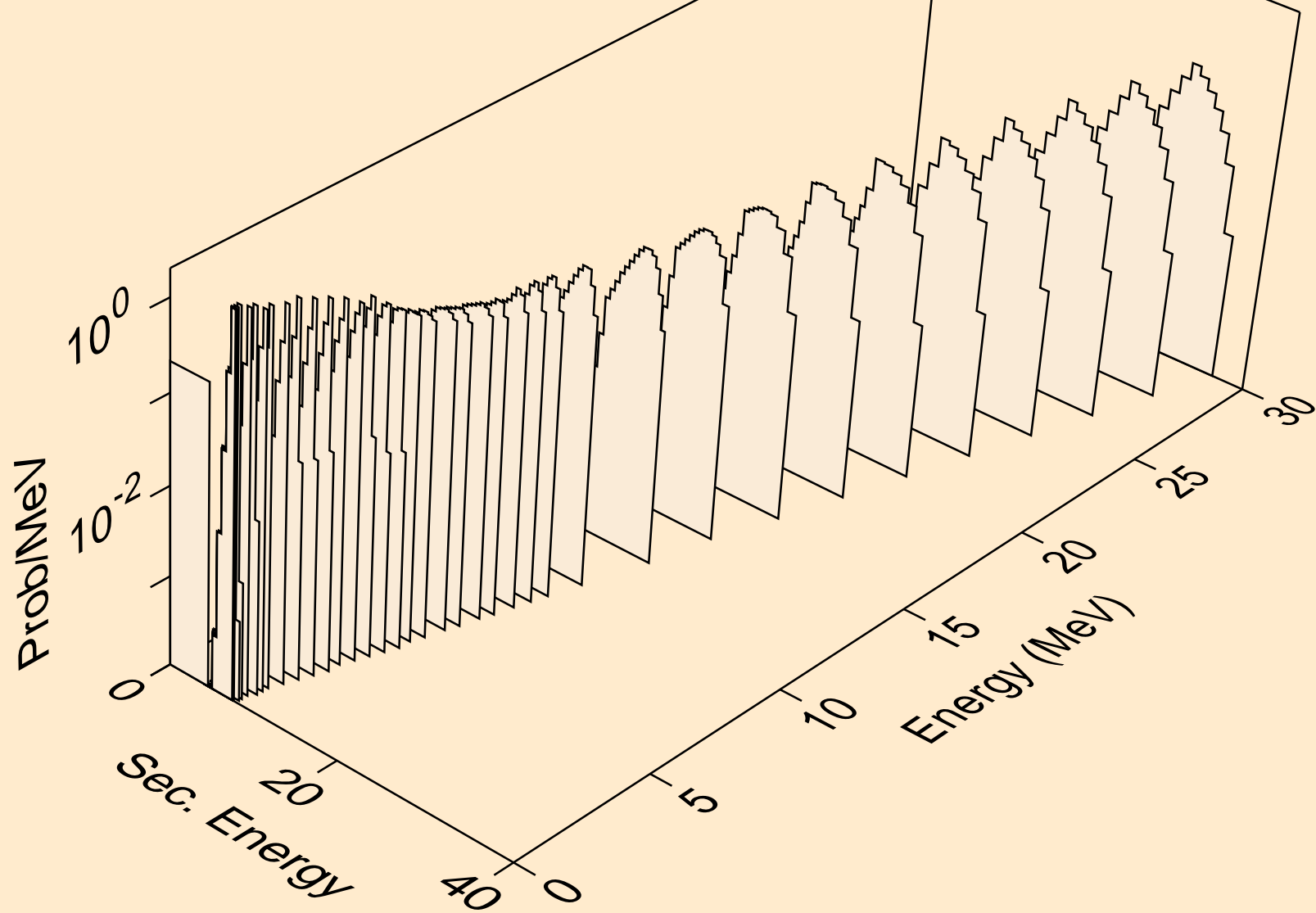


HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

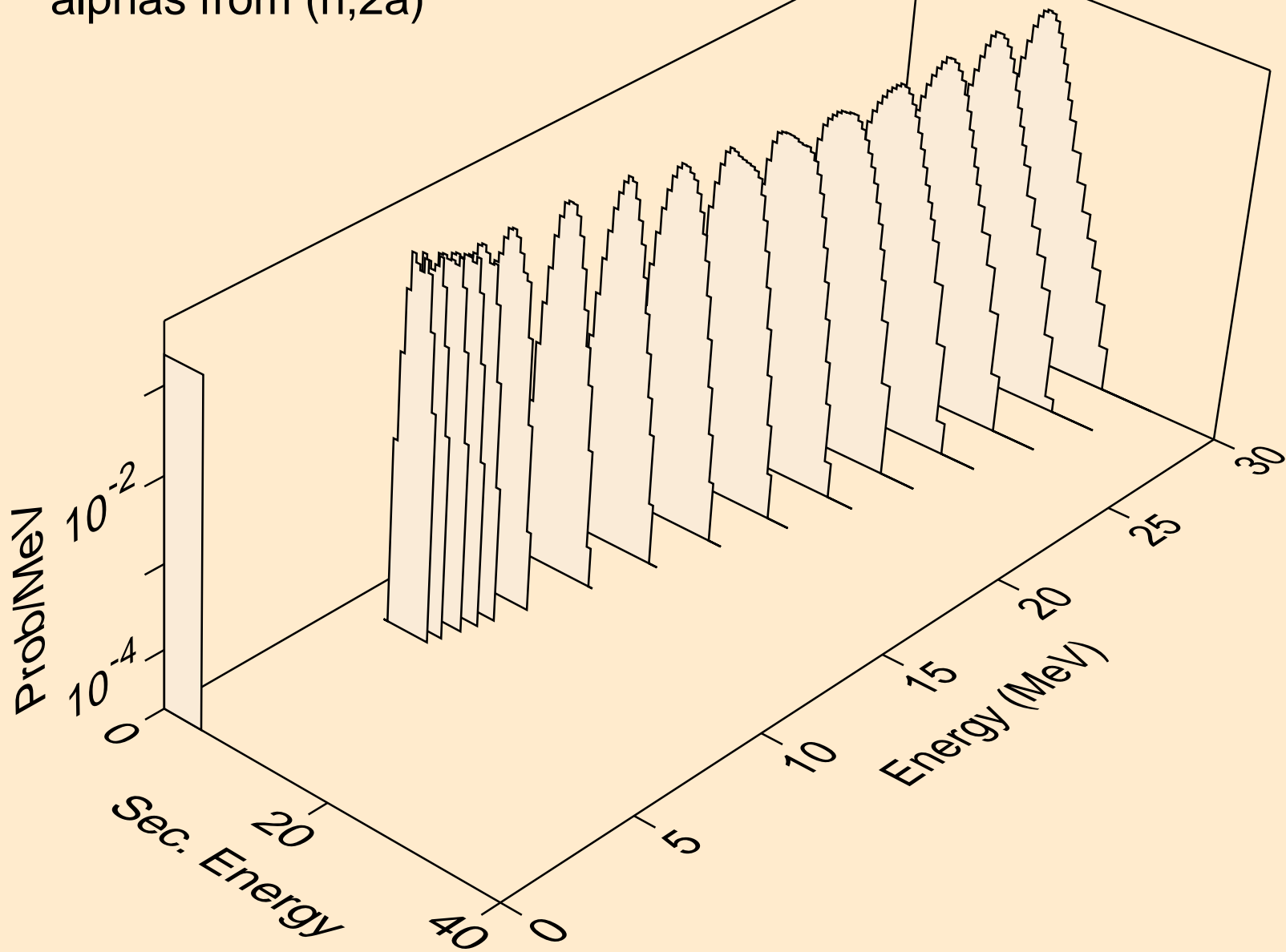




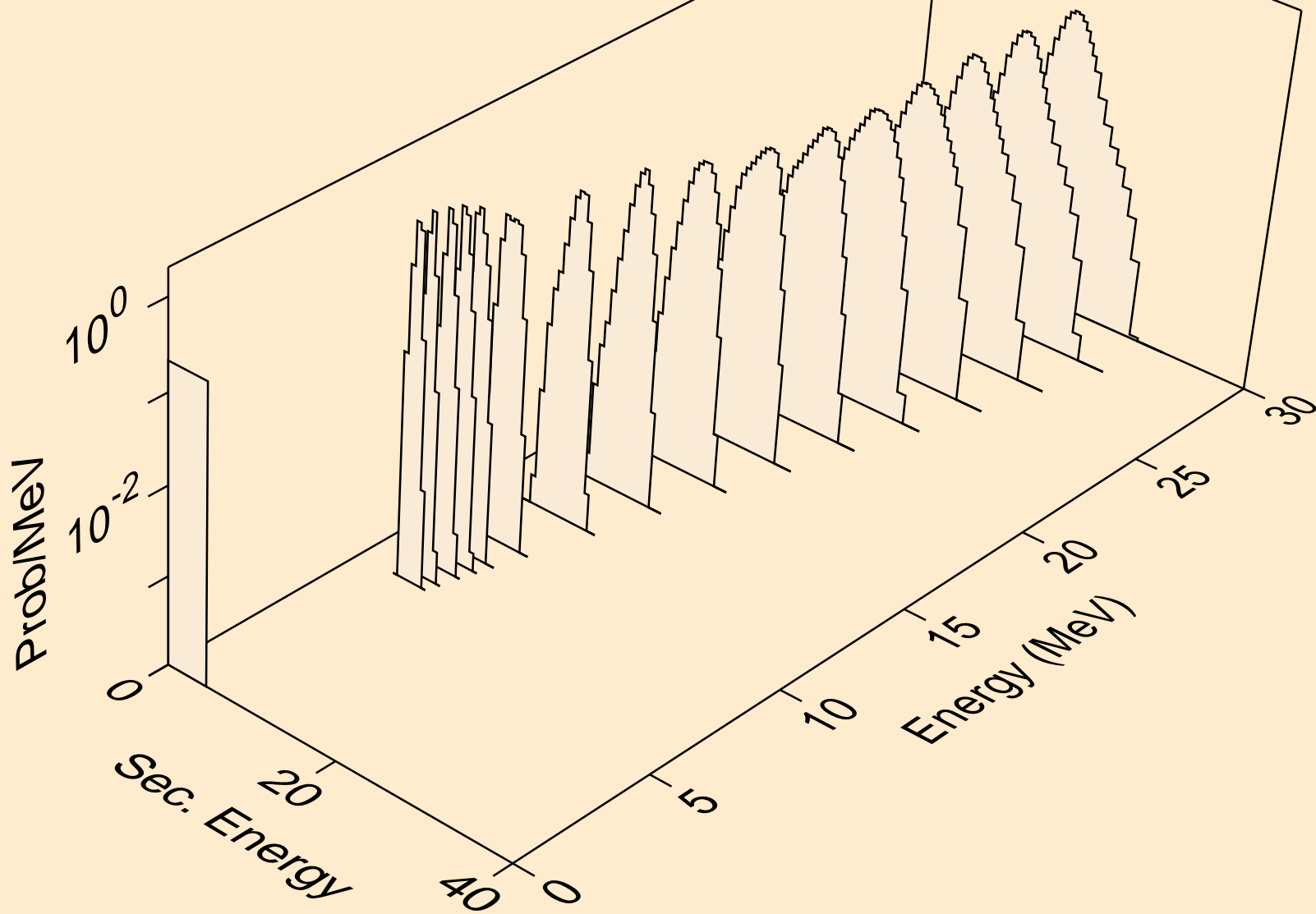
HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



HO161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

