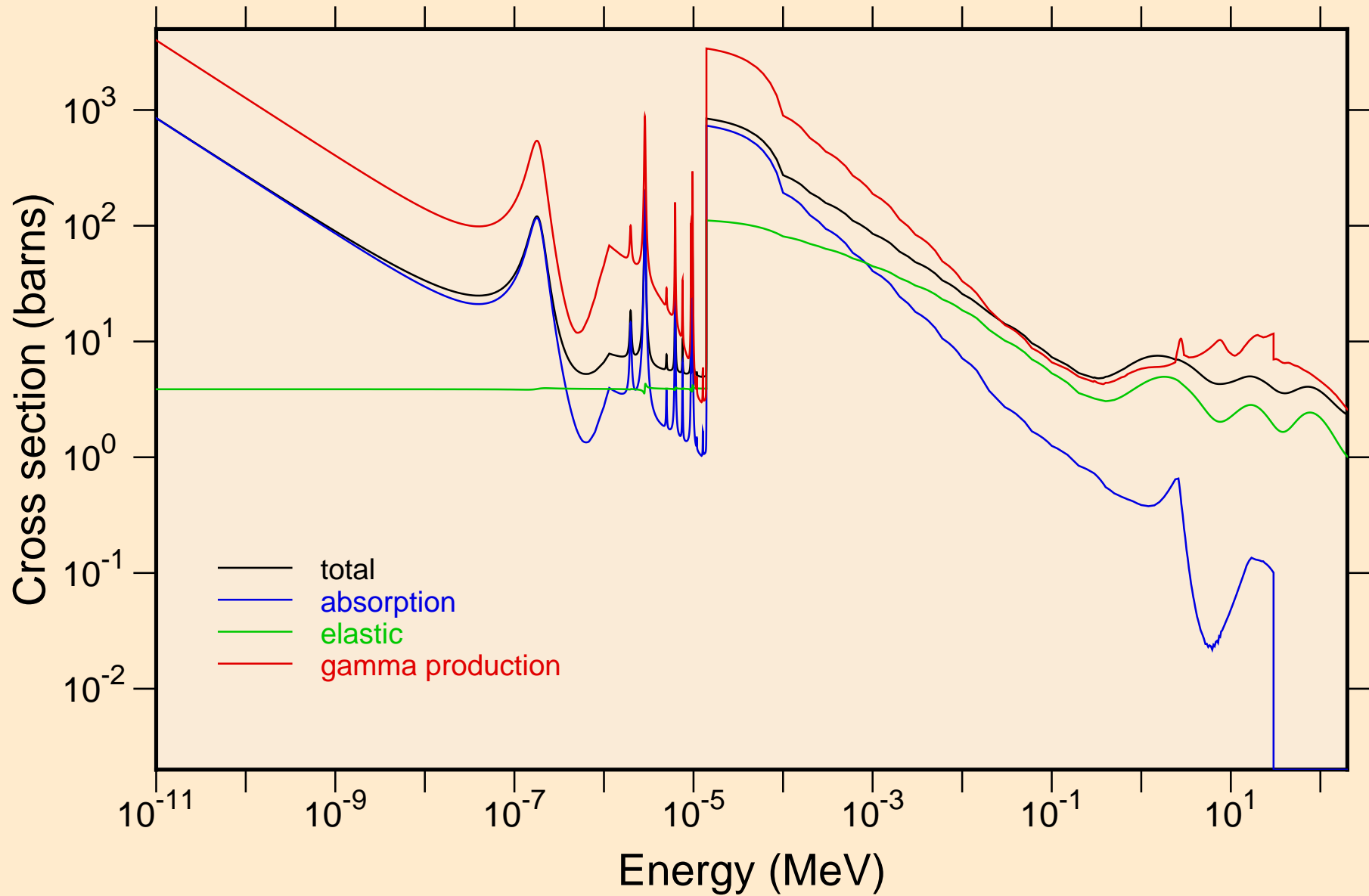
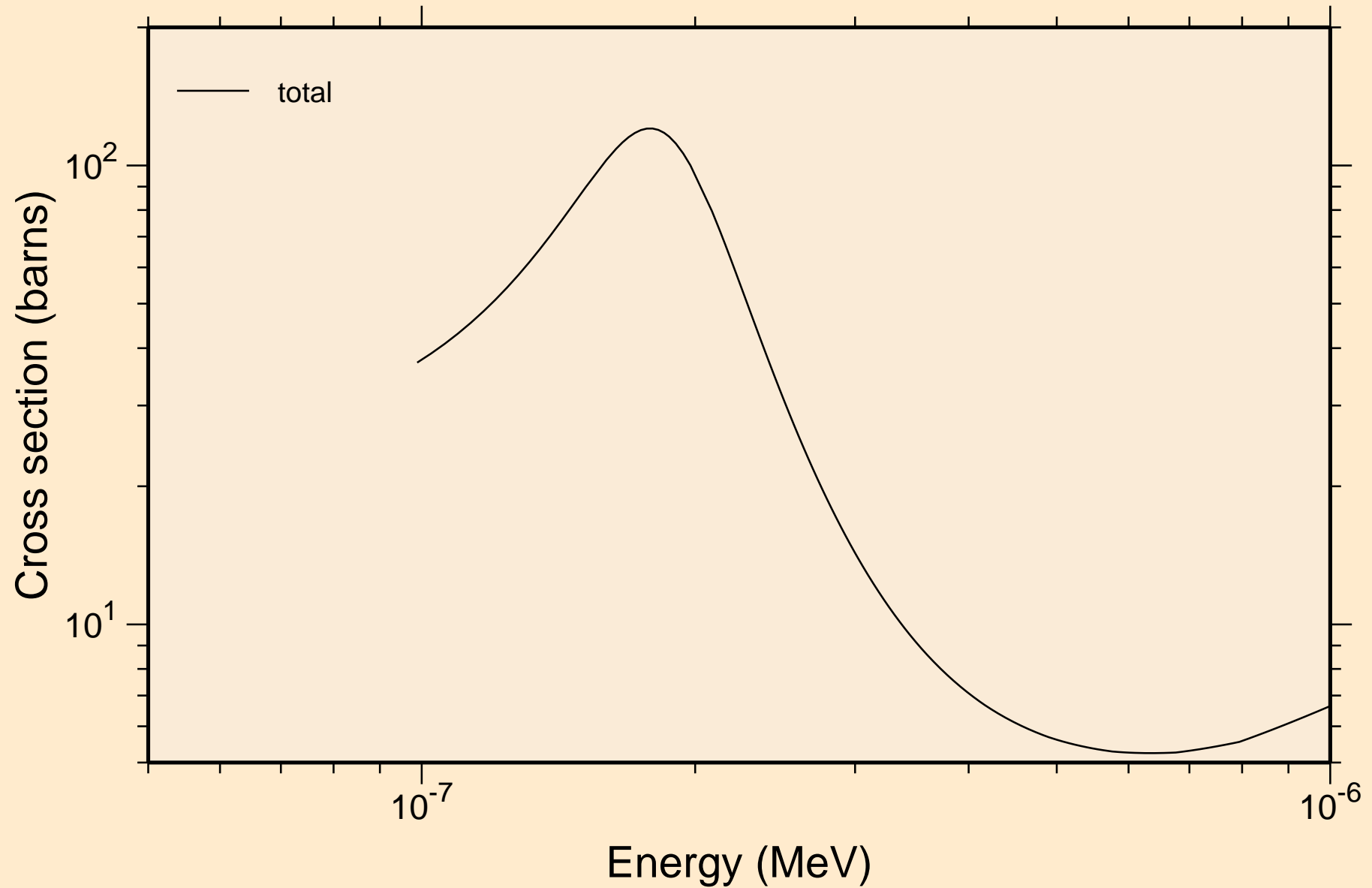


# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

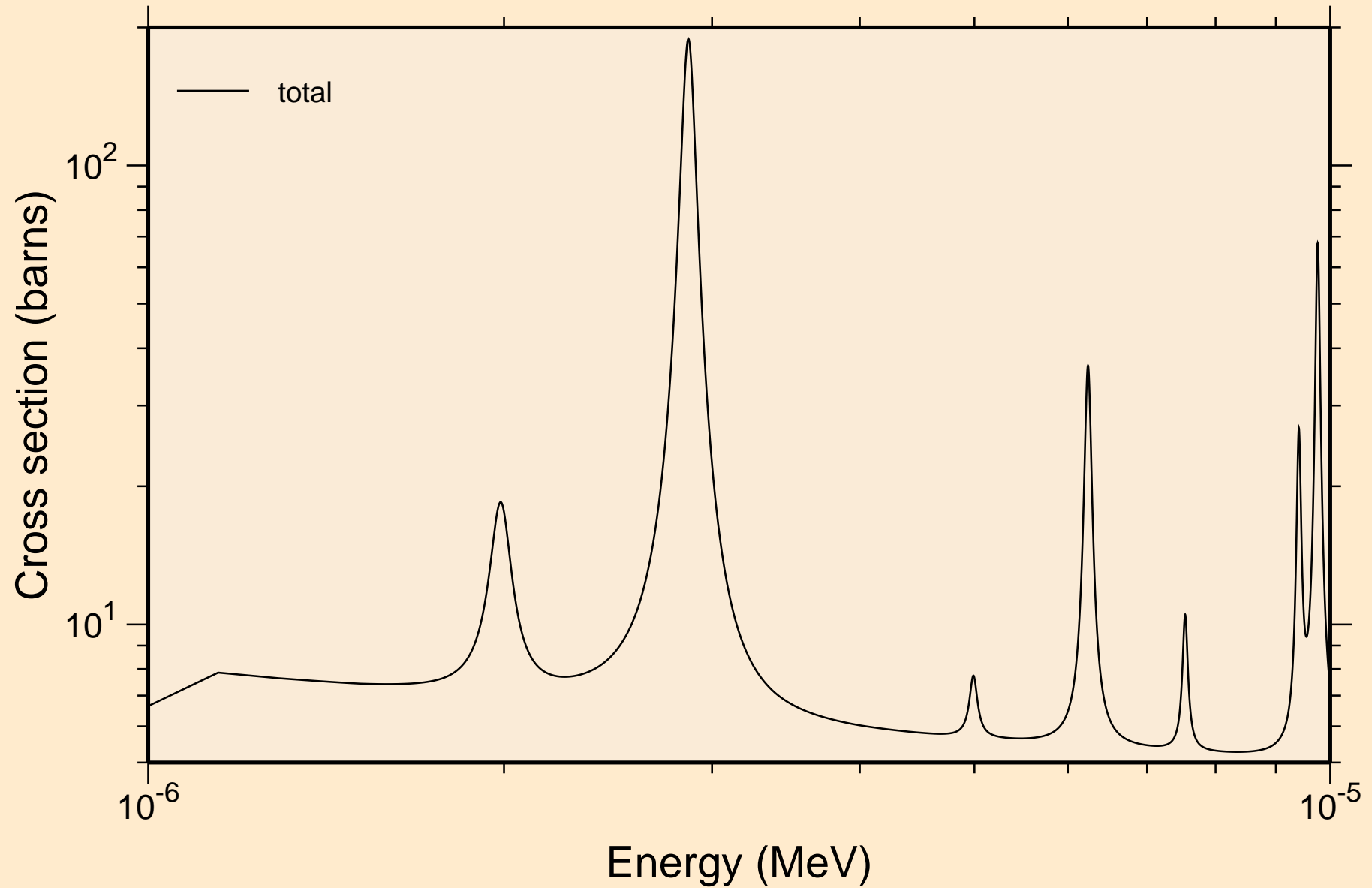
## Principal cross sections



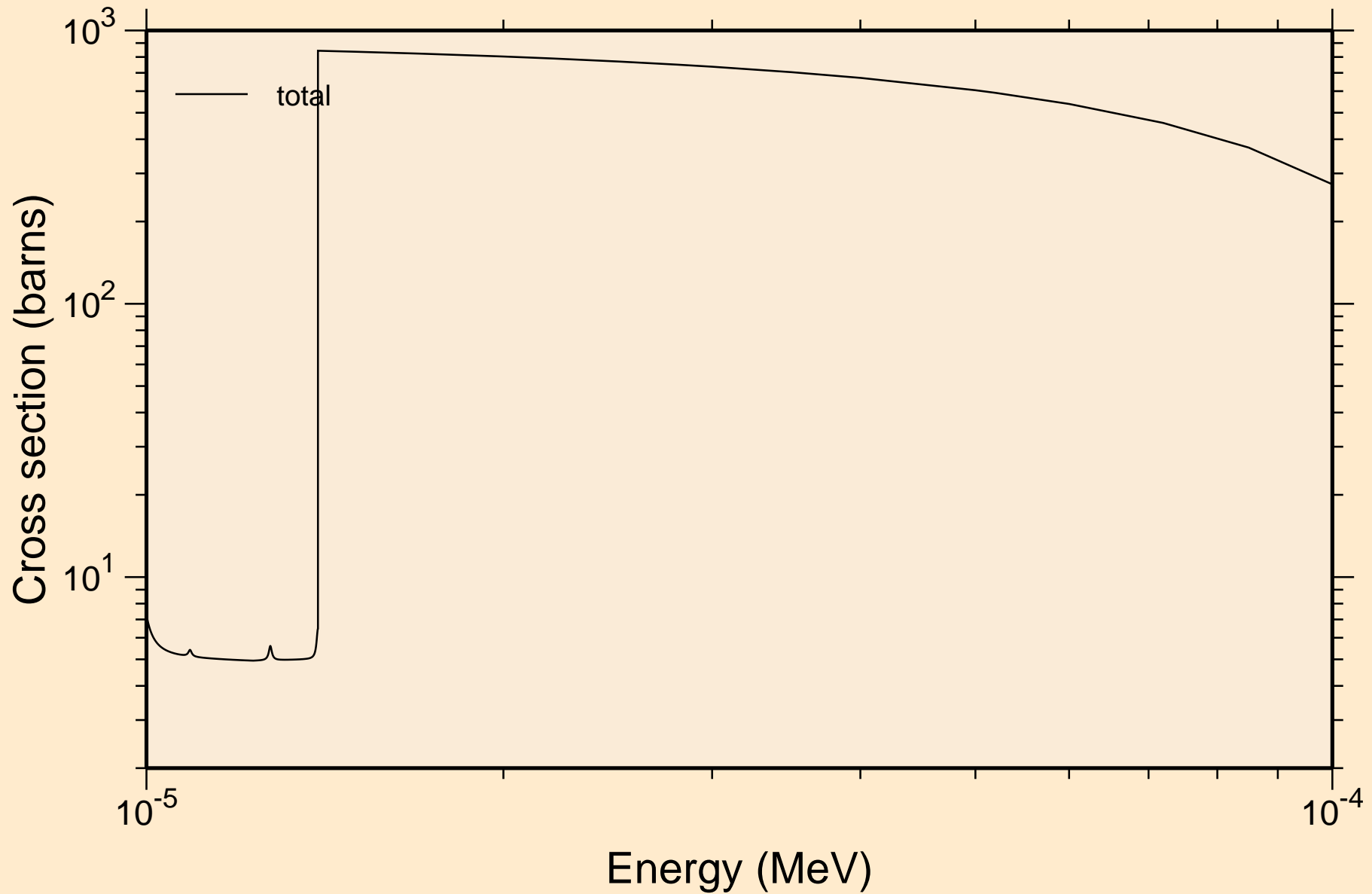
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



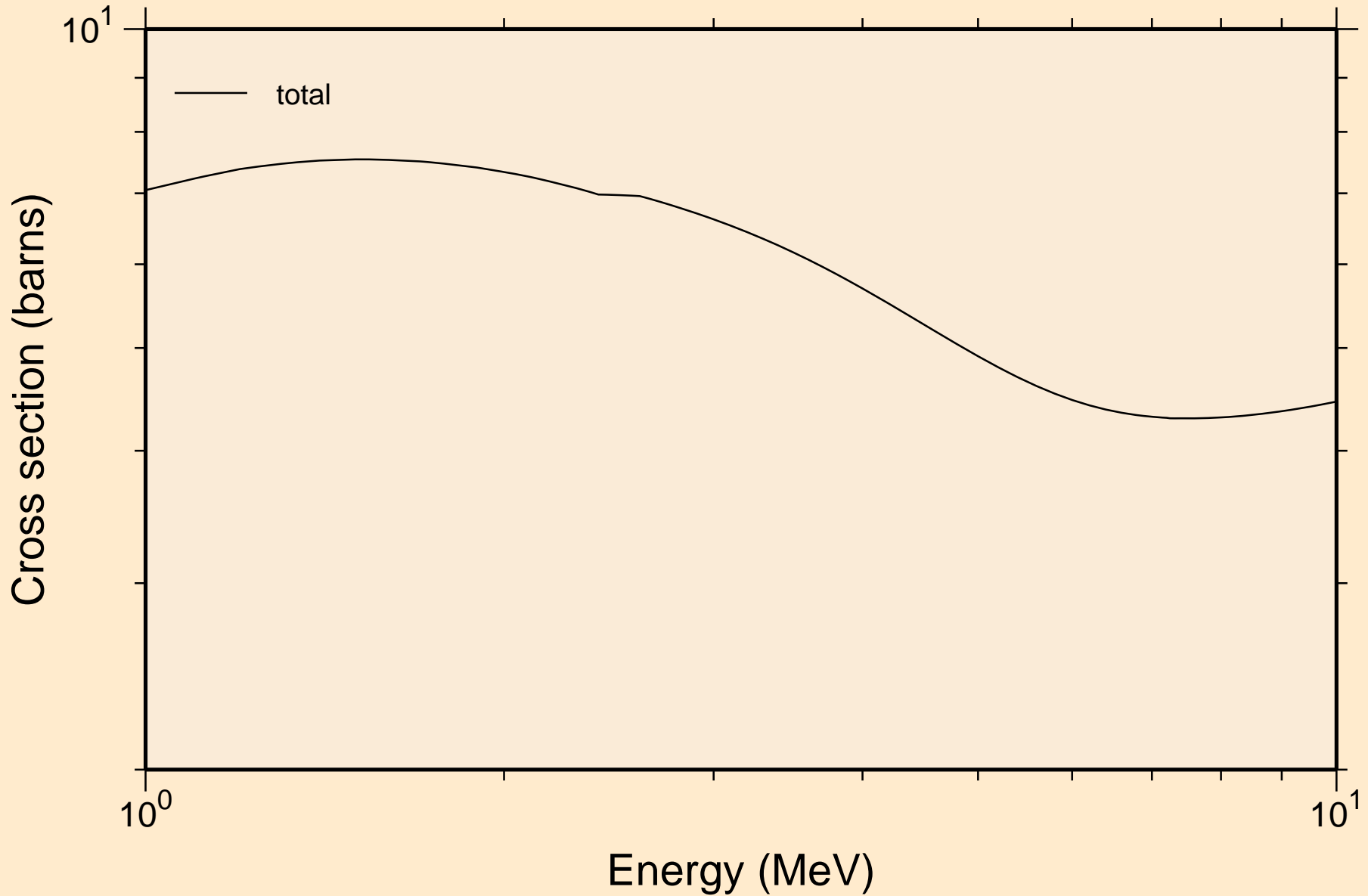
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



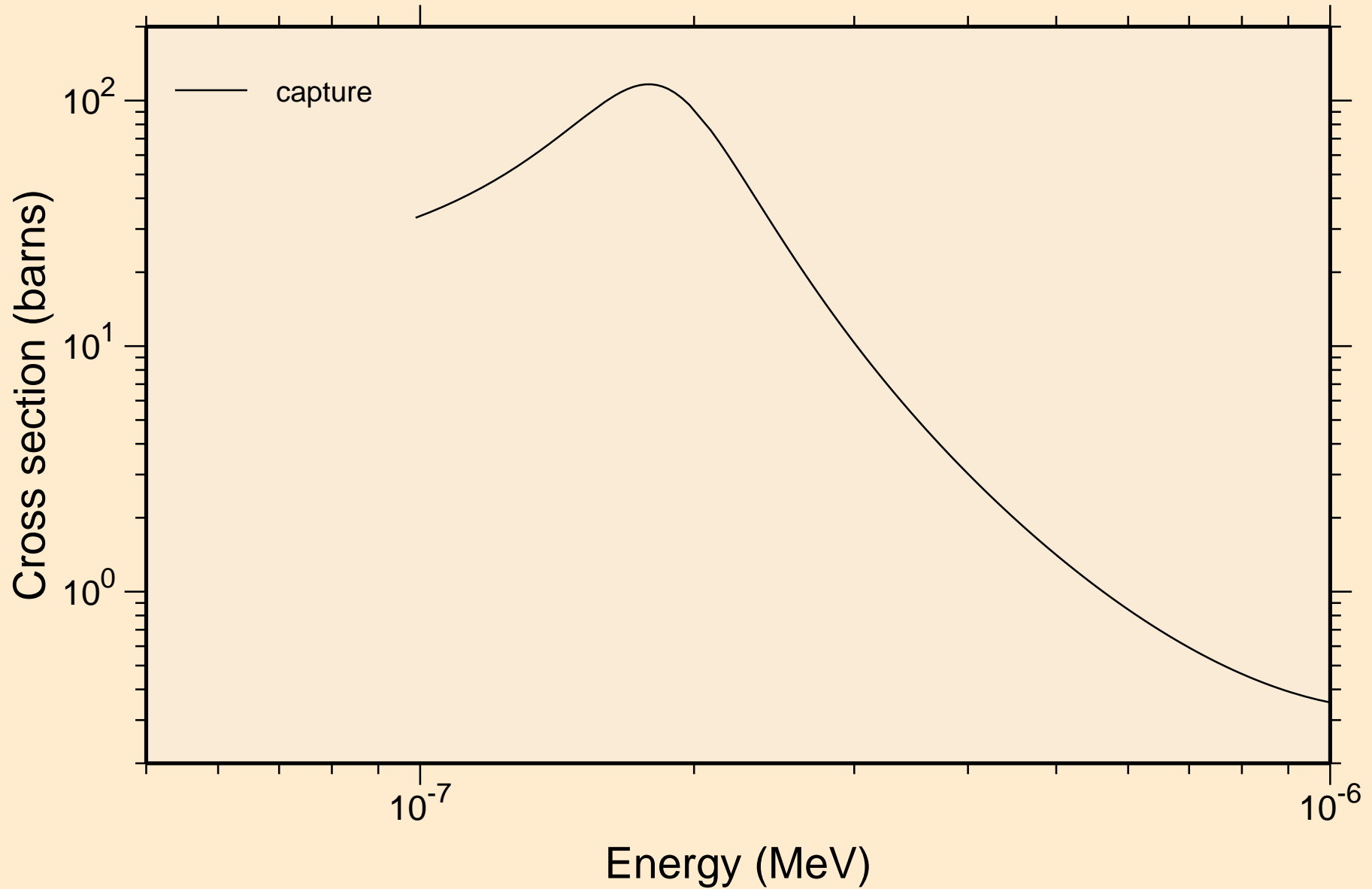
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



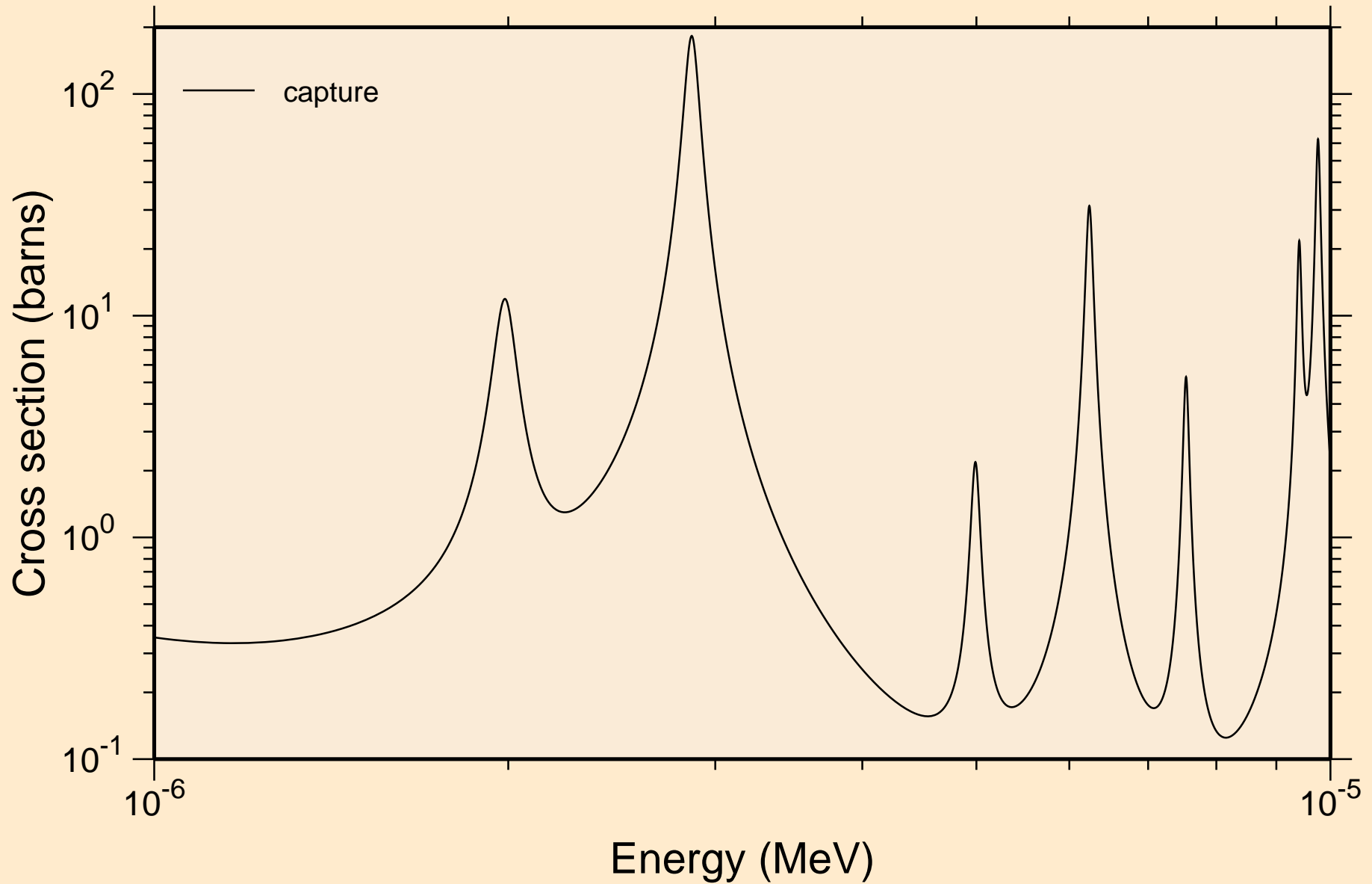
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



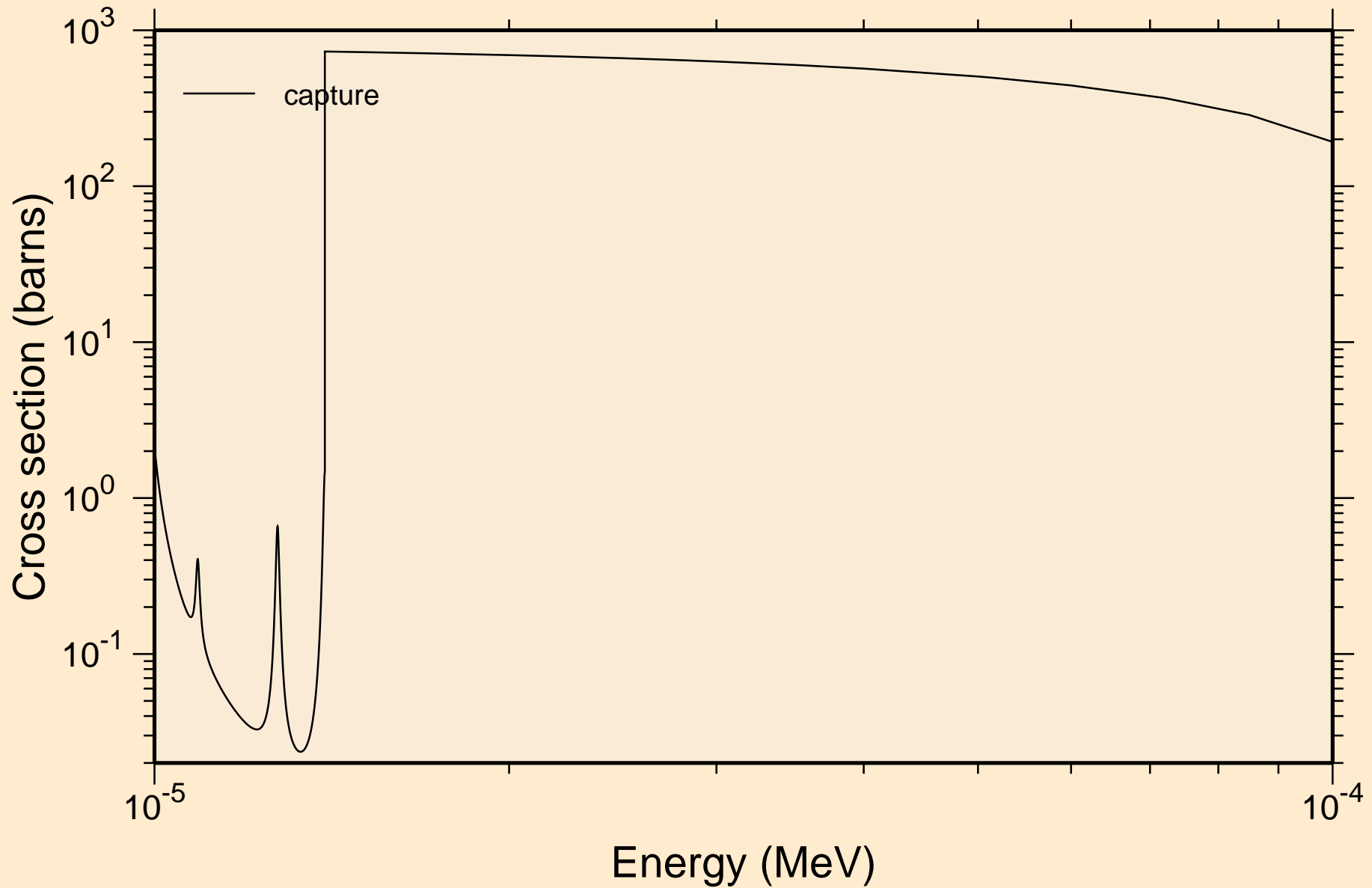
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

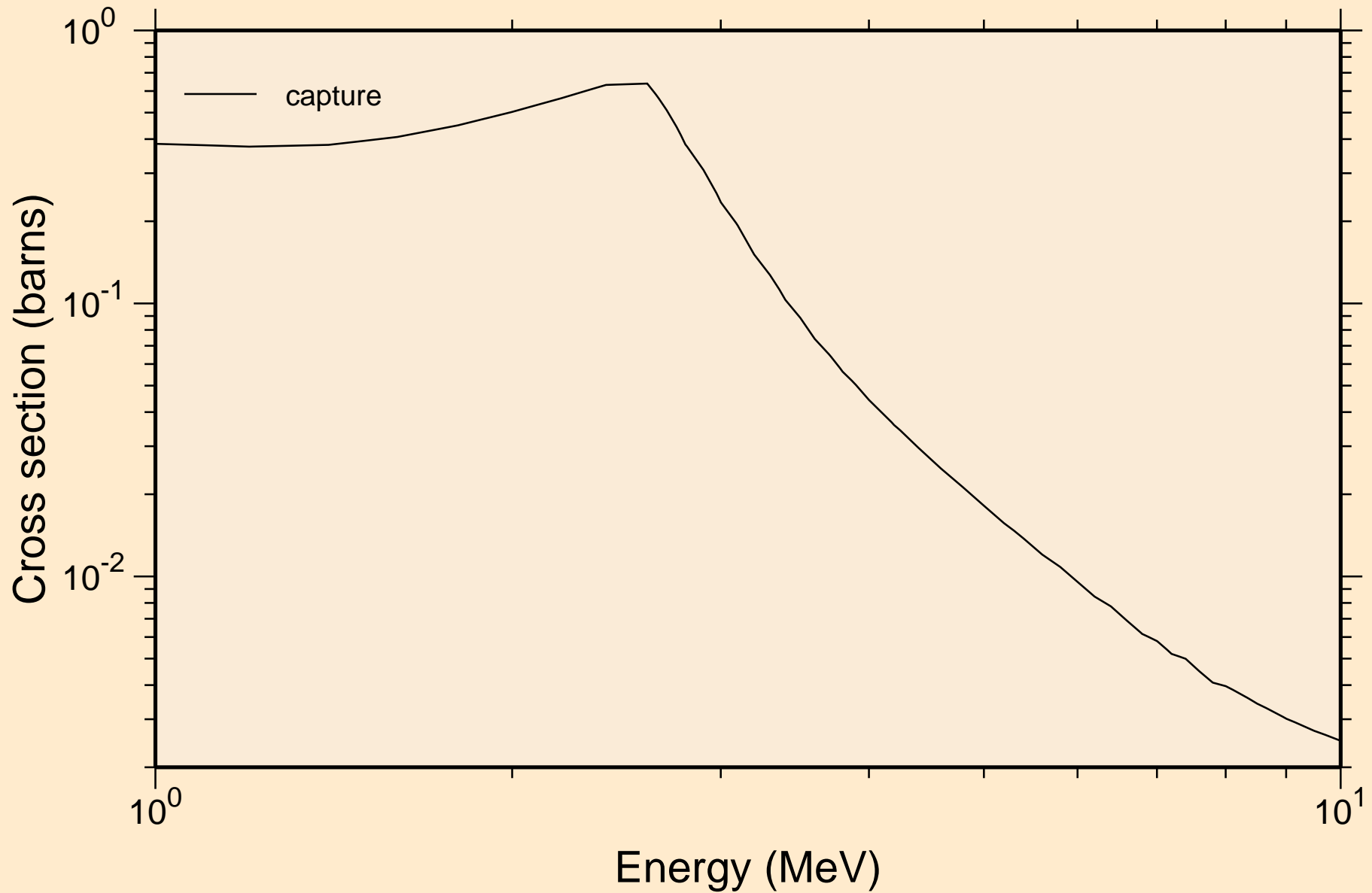


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

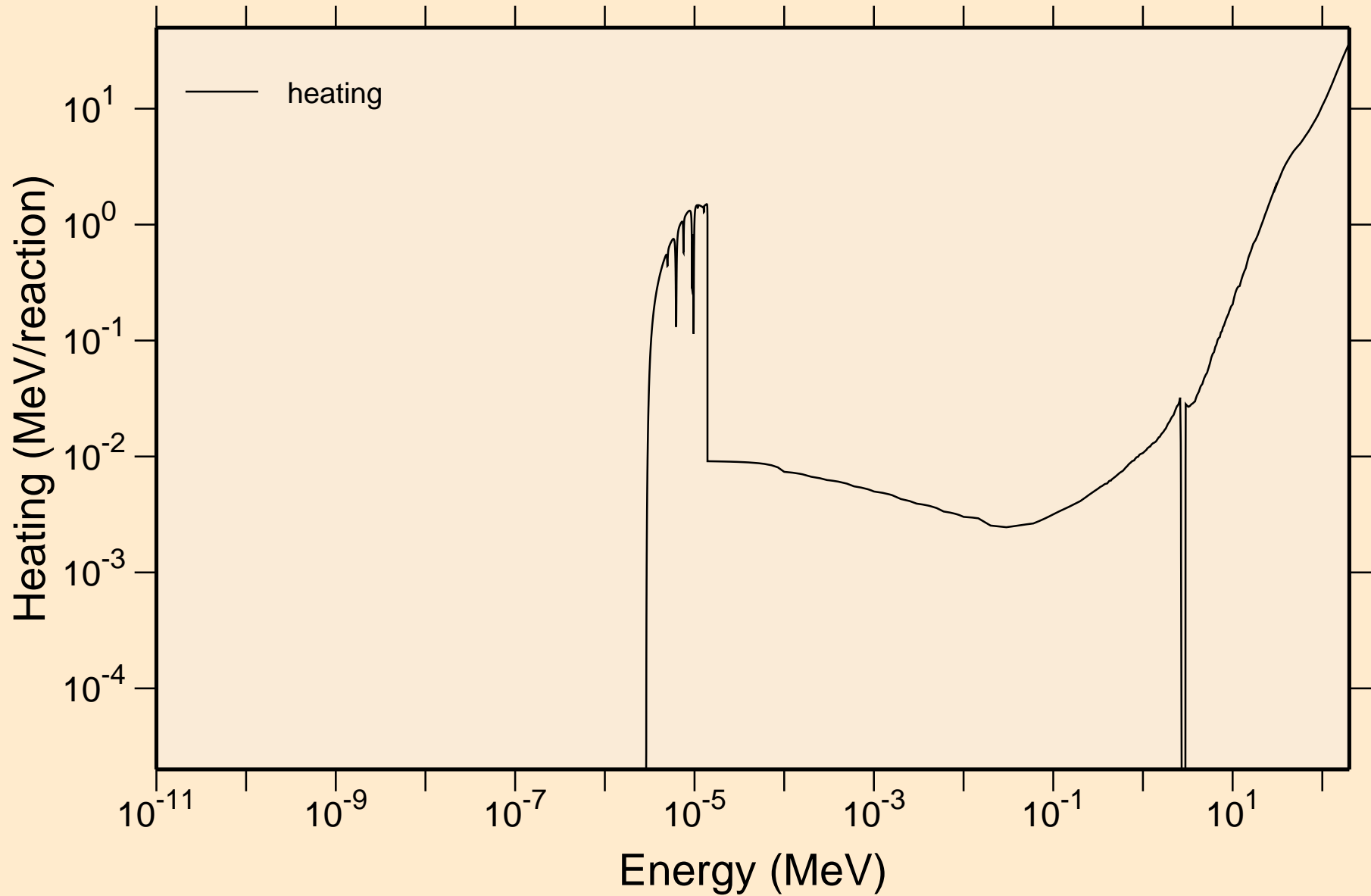




EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

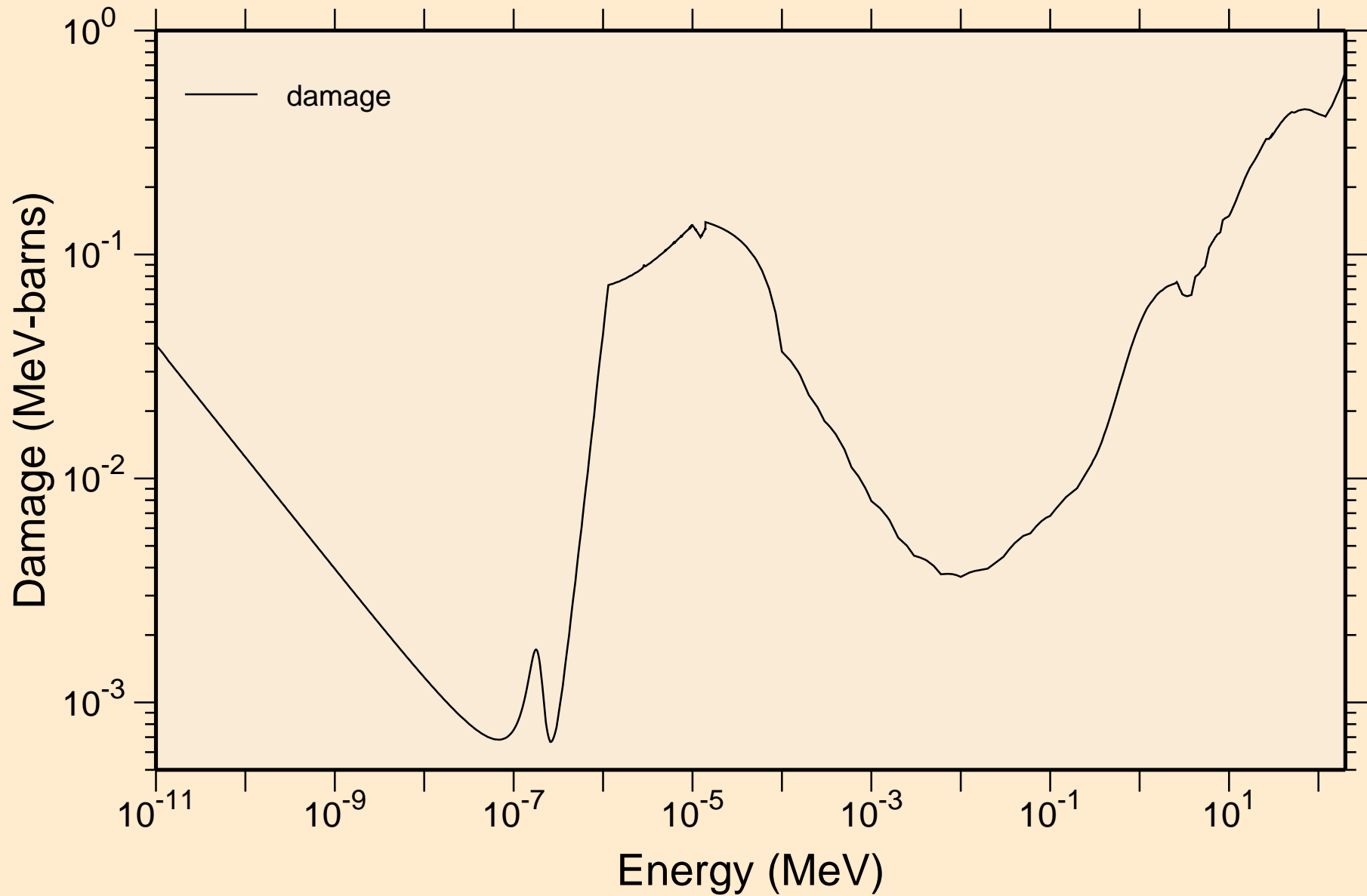


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



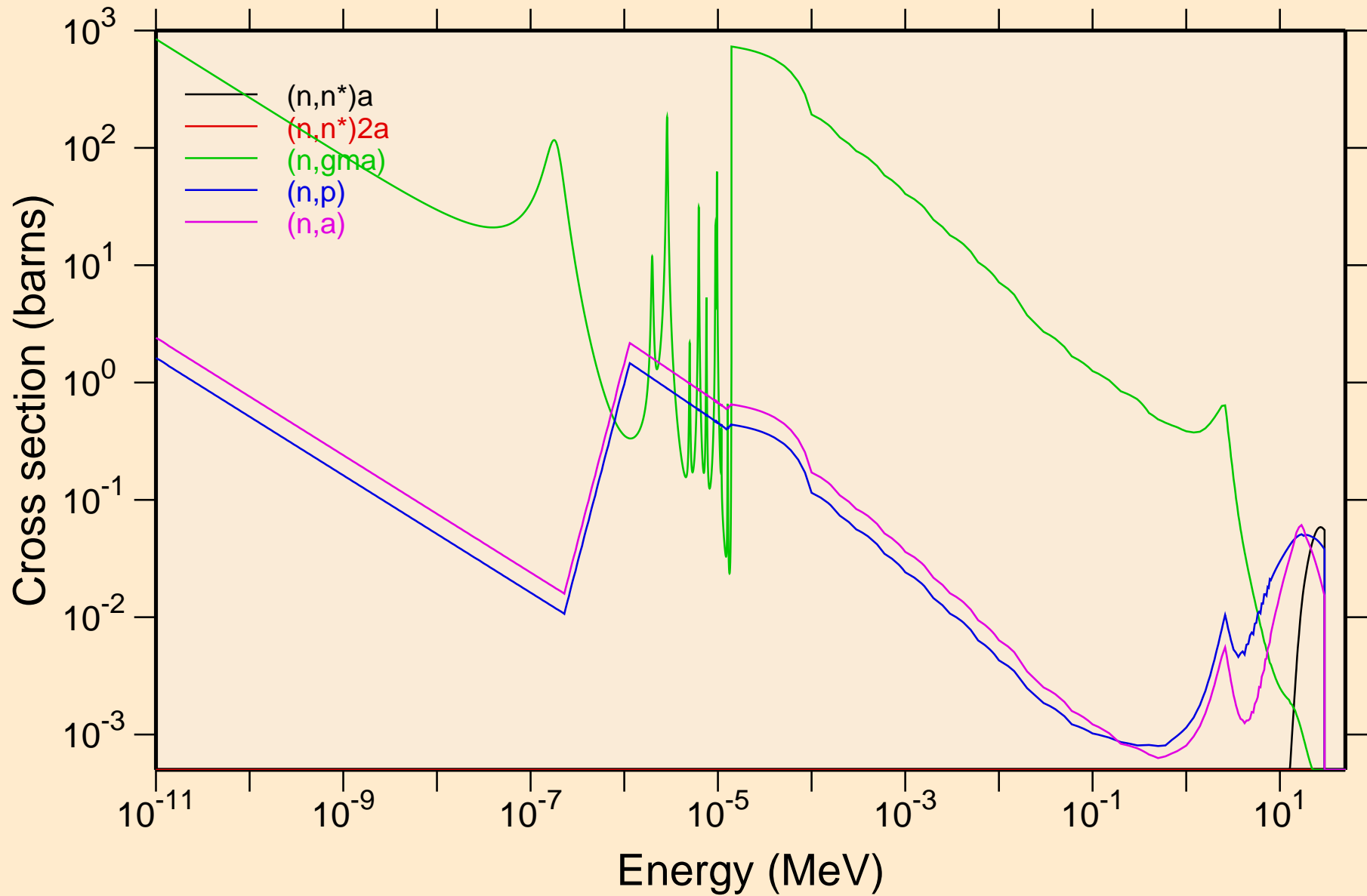
# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



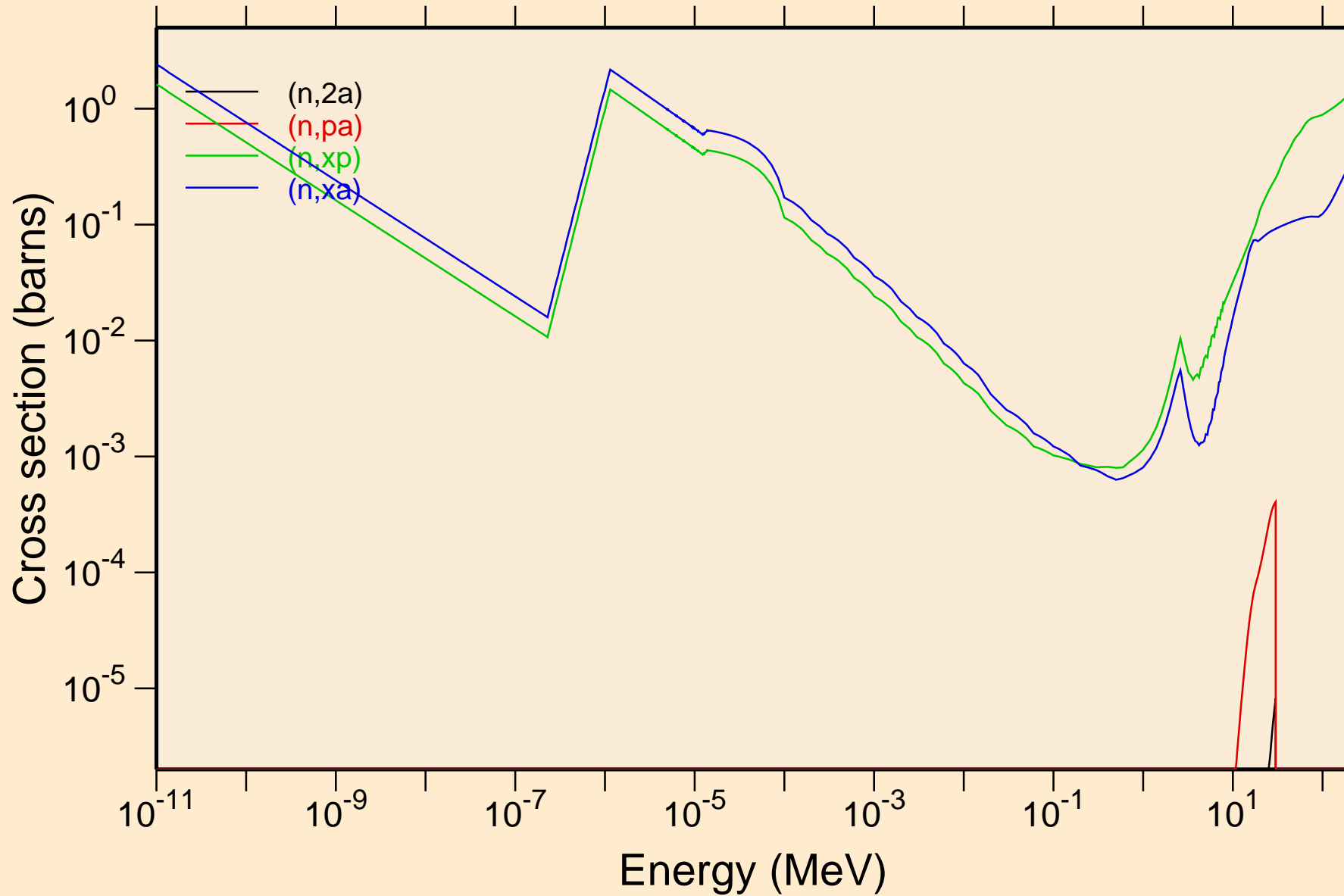
# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



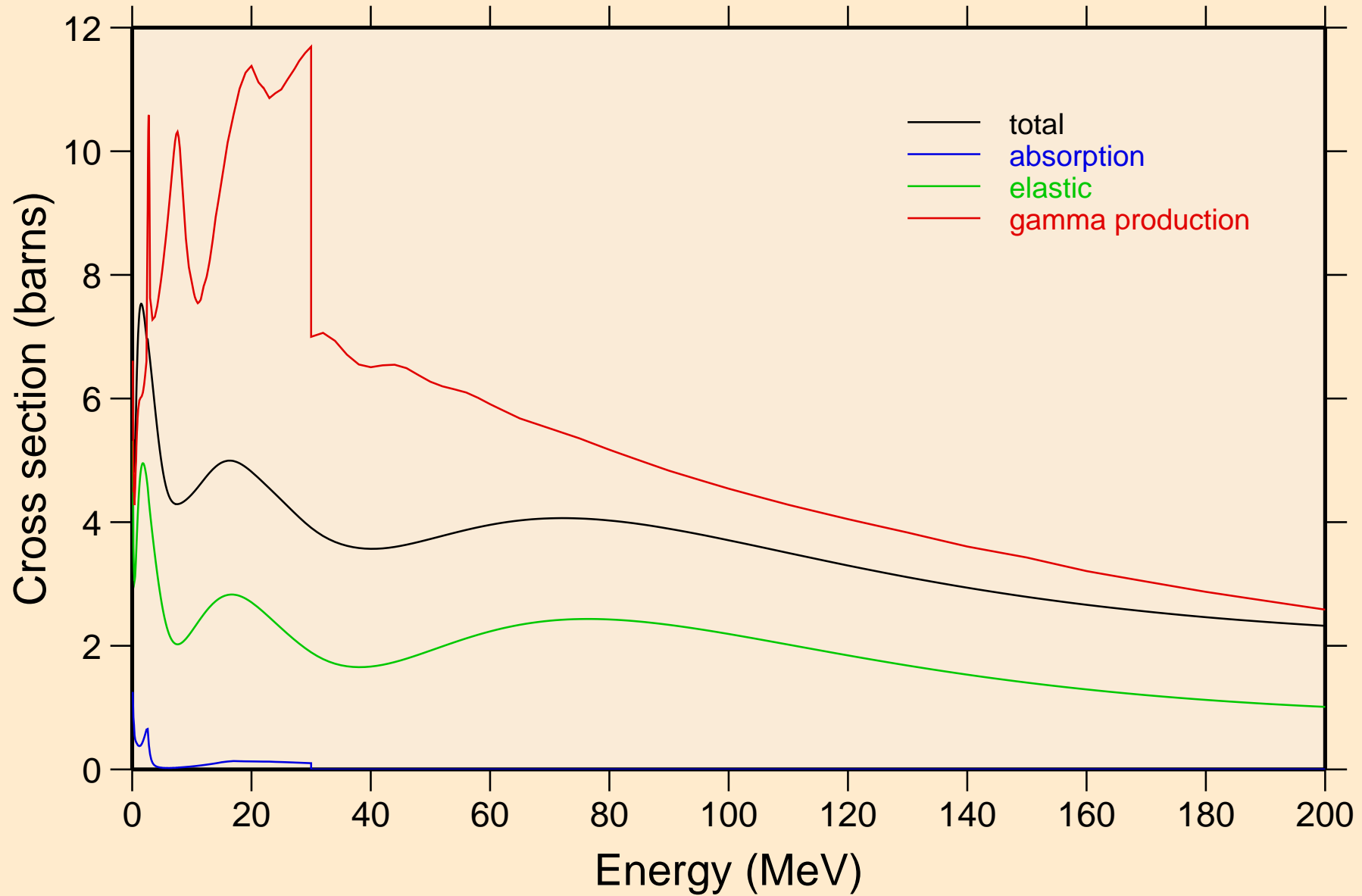
# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



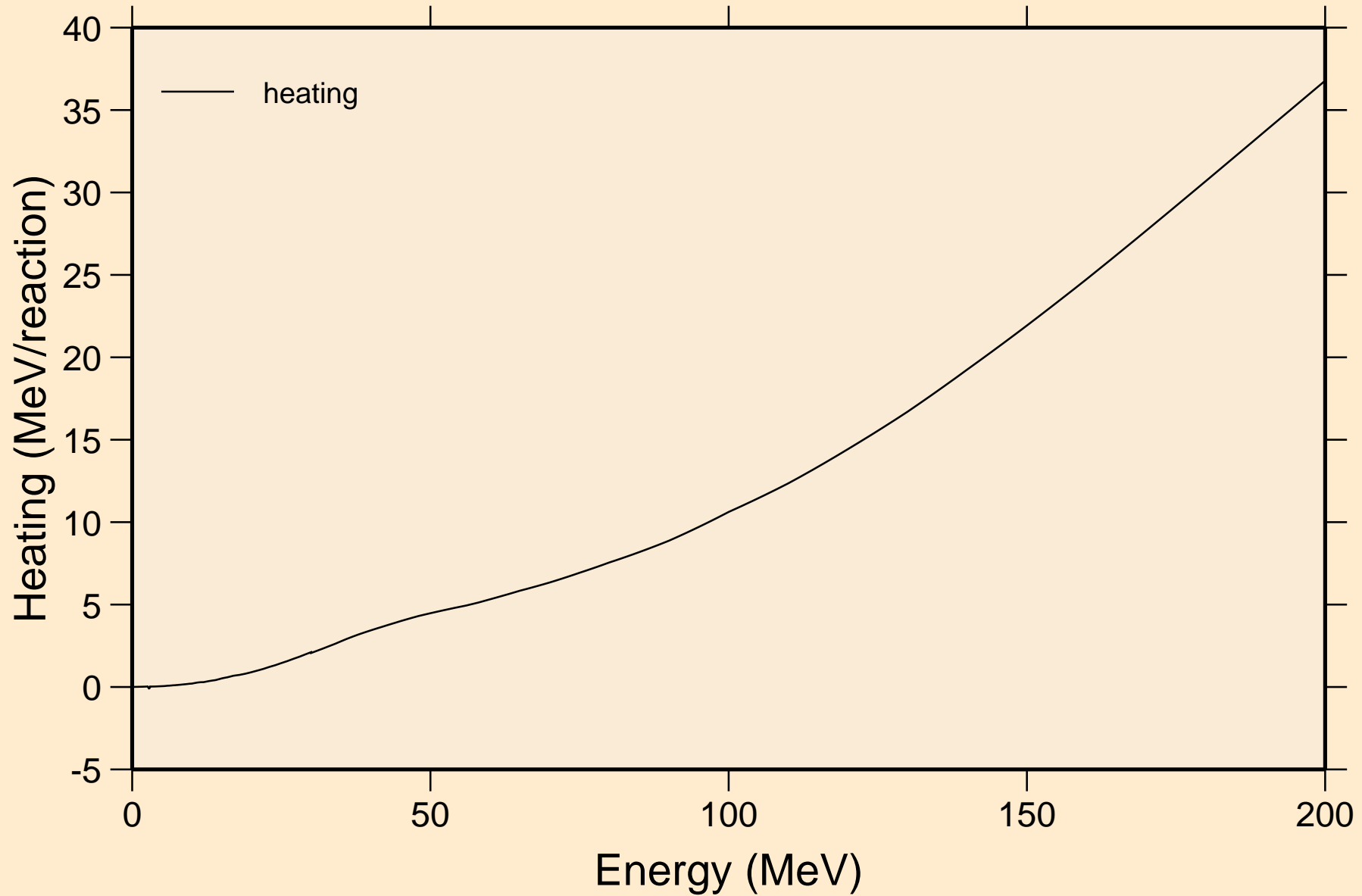
# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



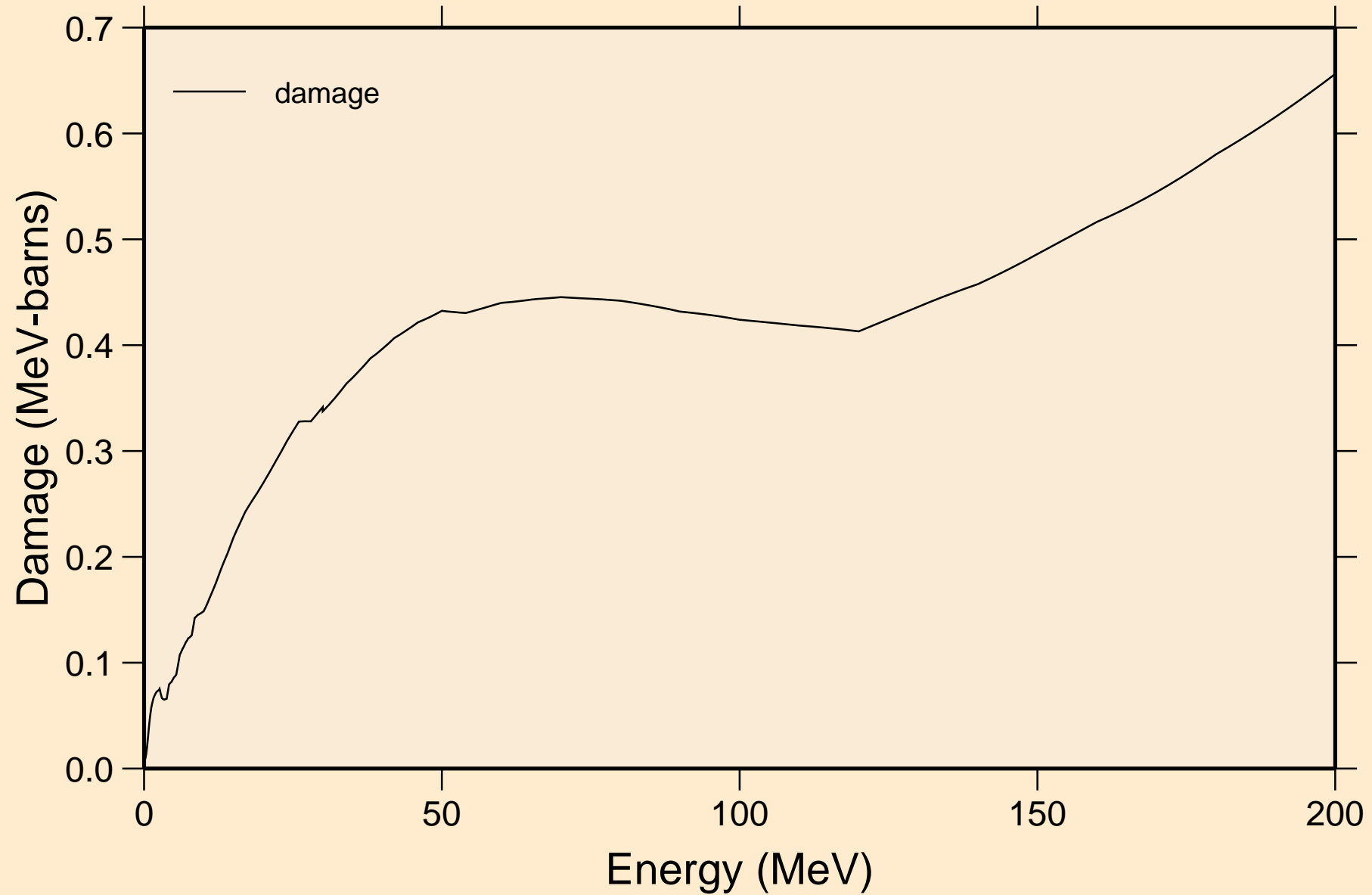
# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

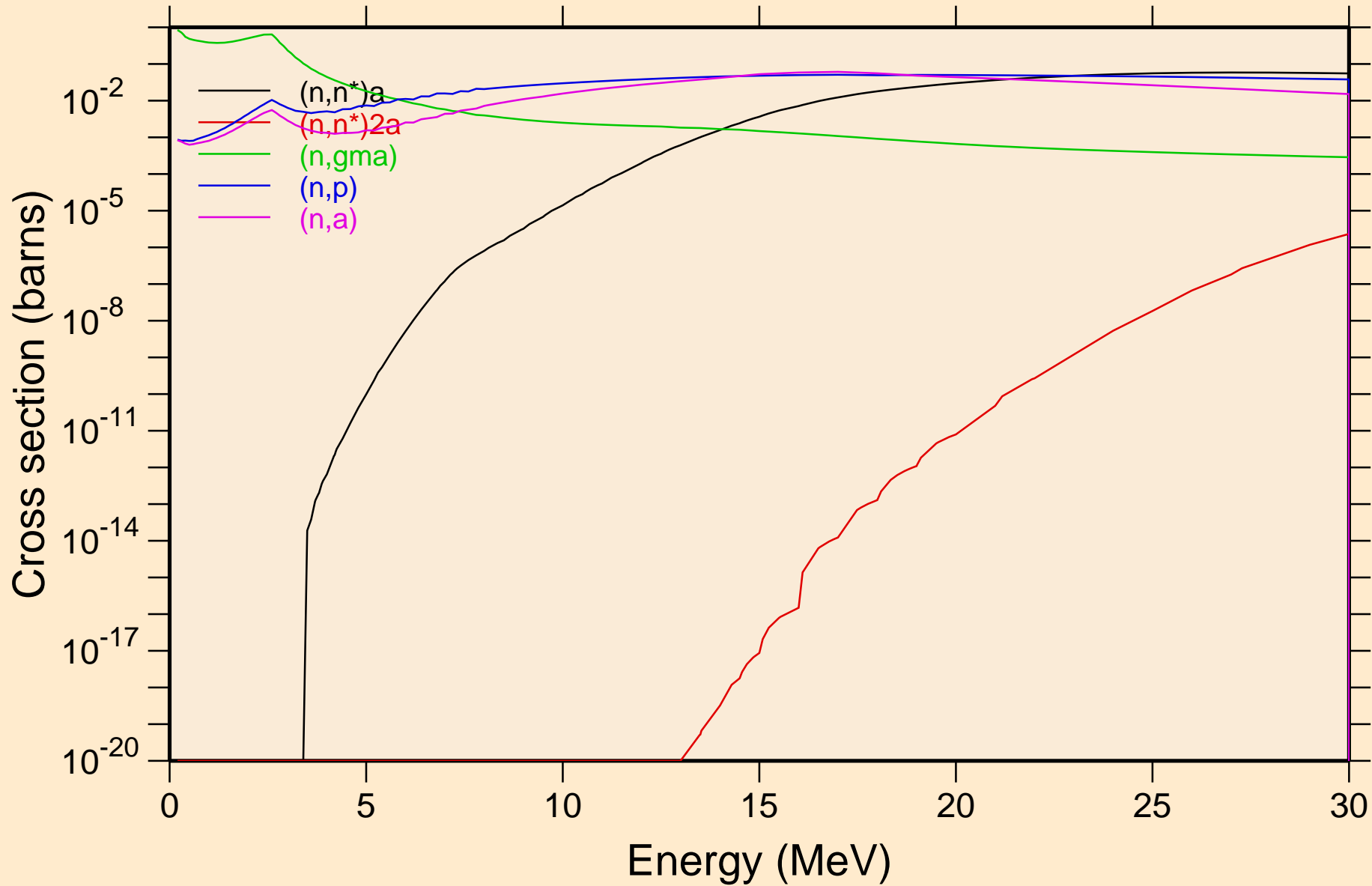
## Damage





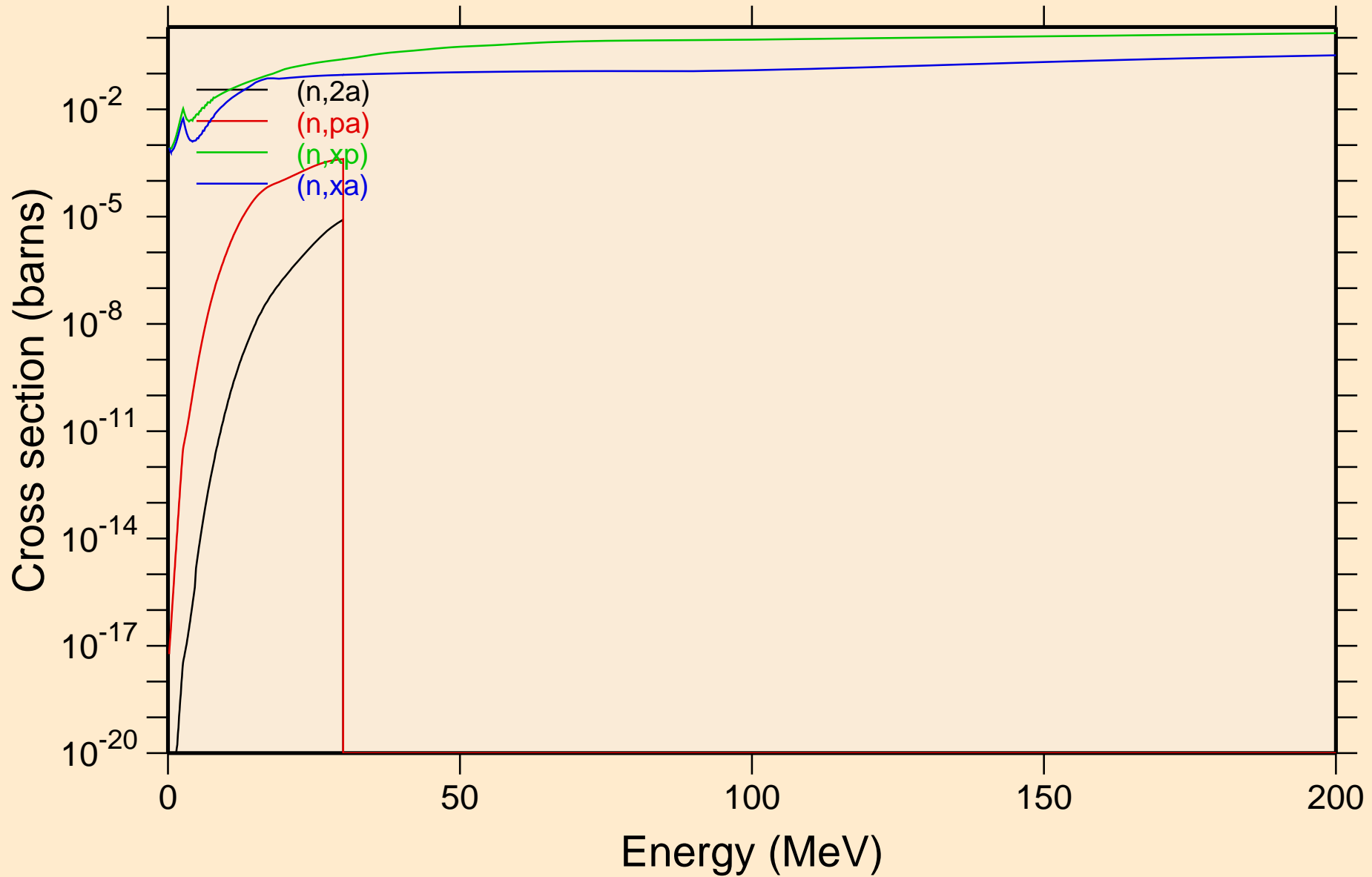
# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

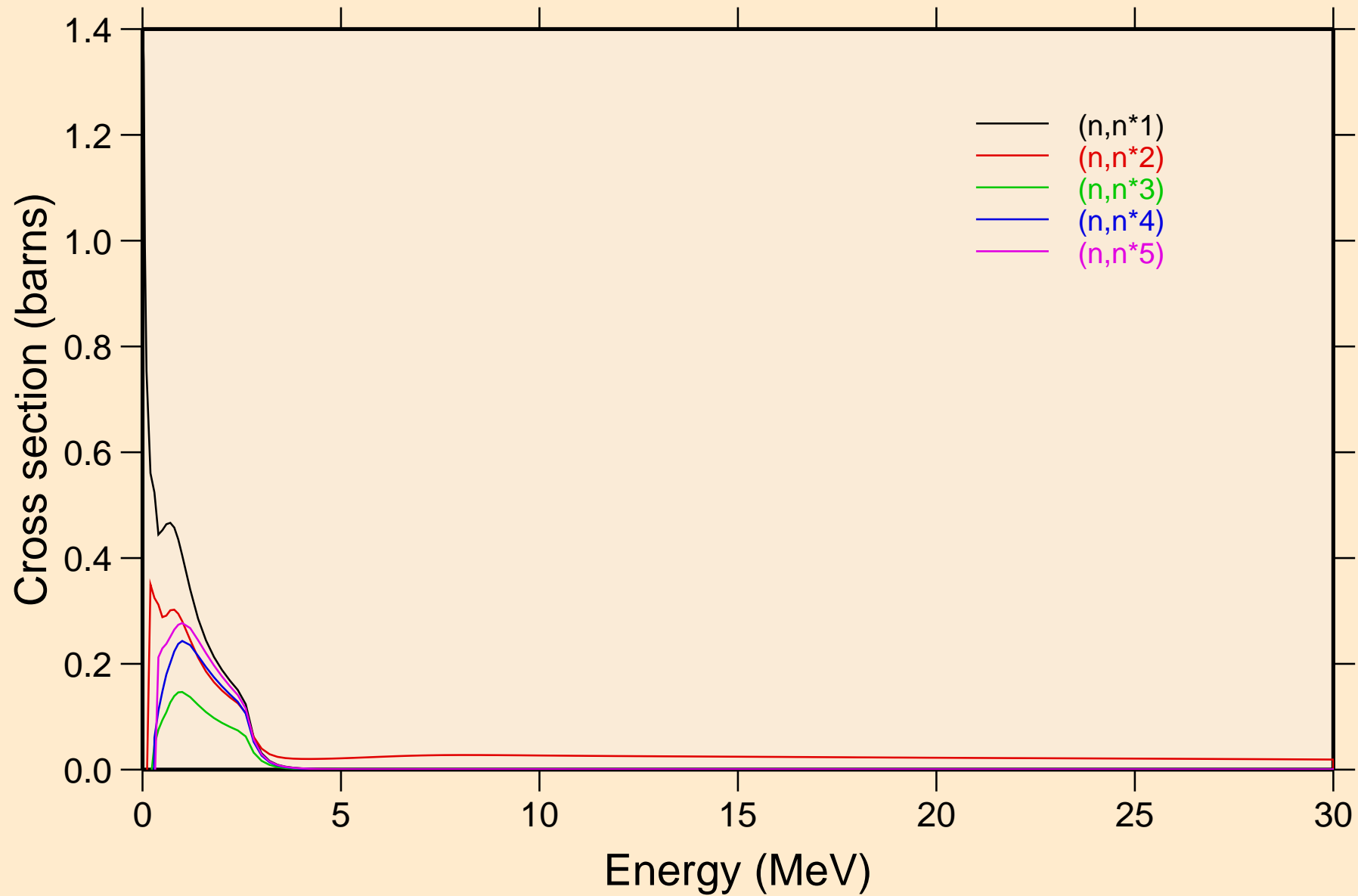


# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

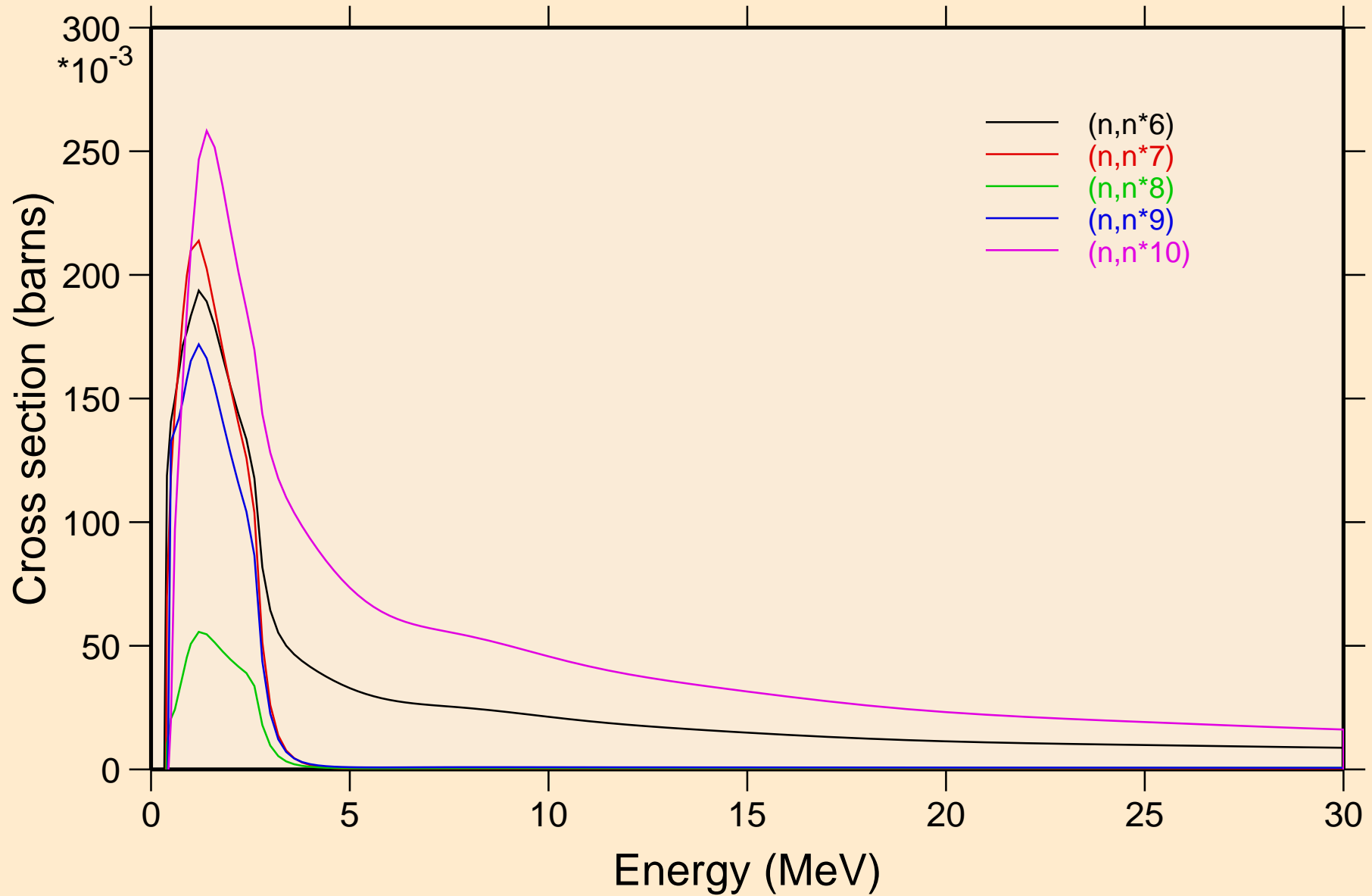


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

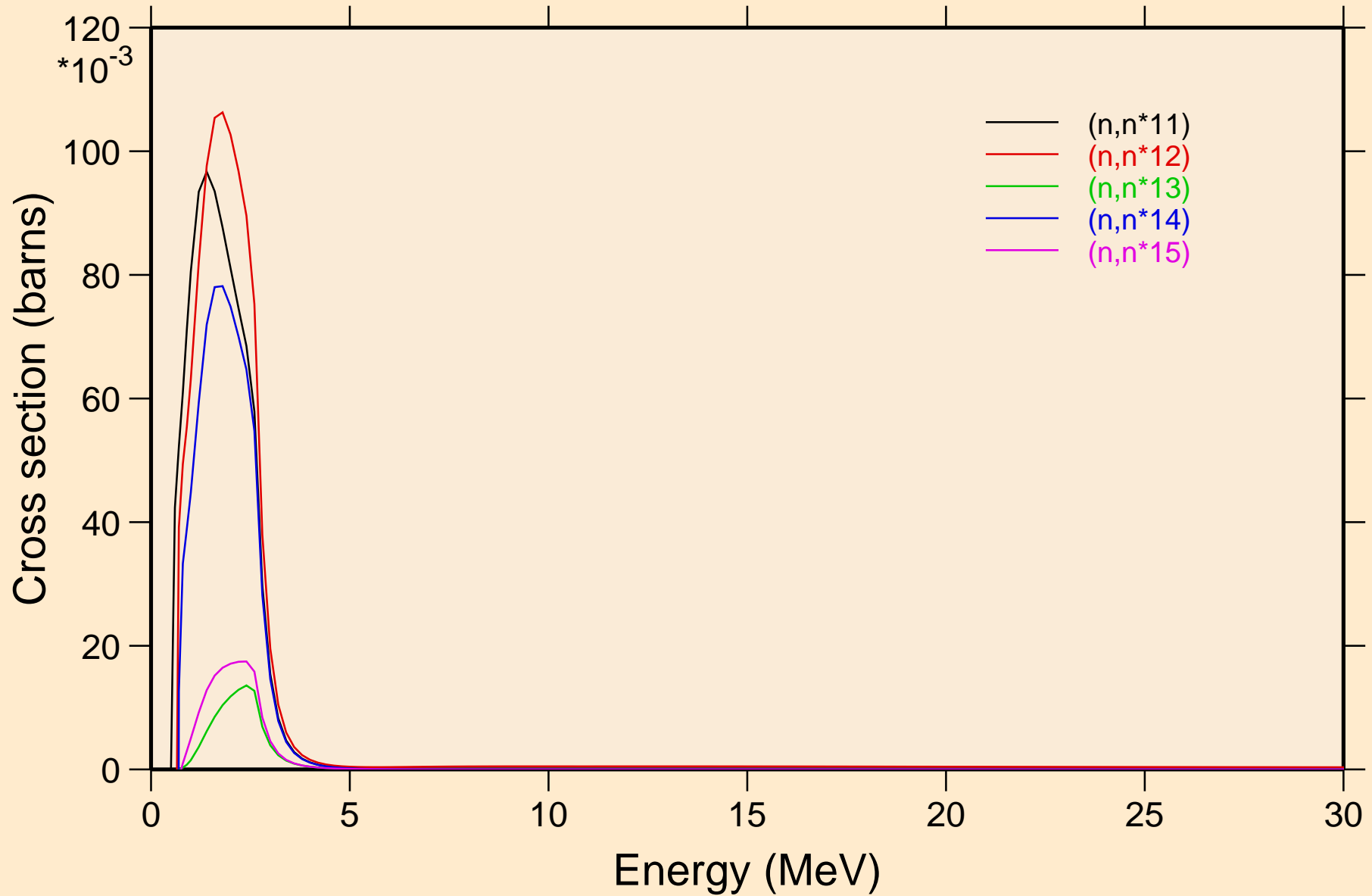


# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

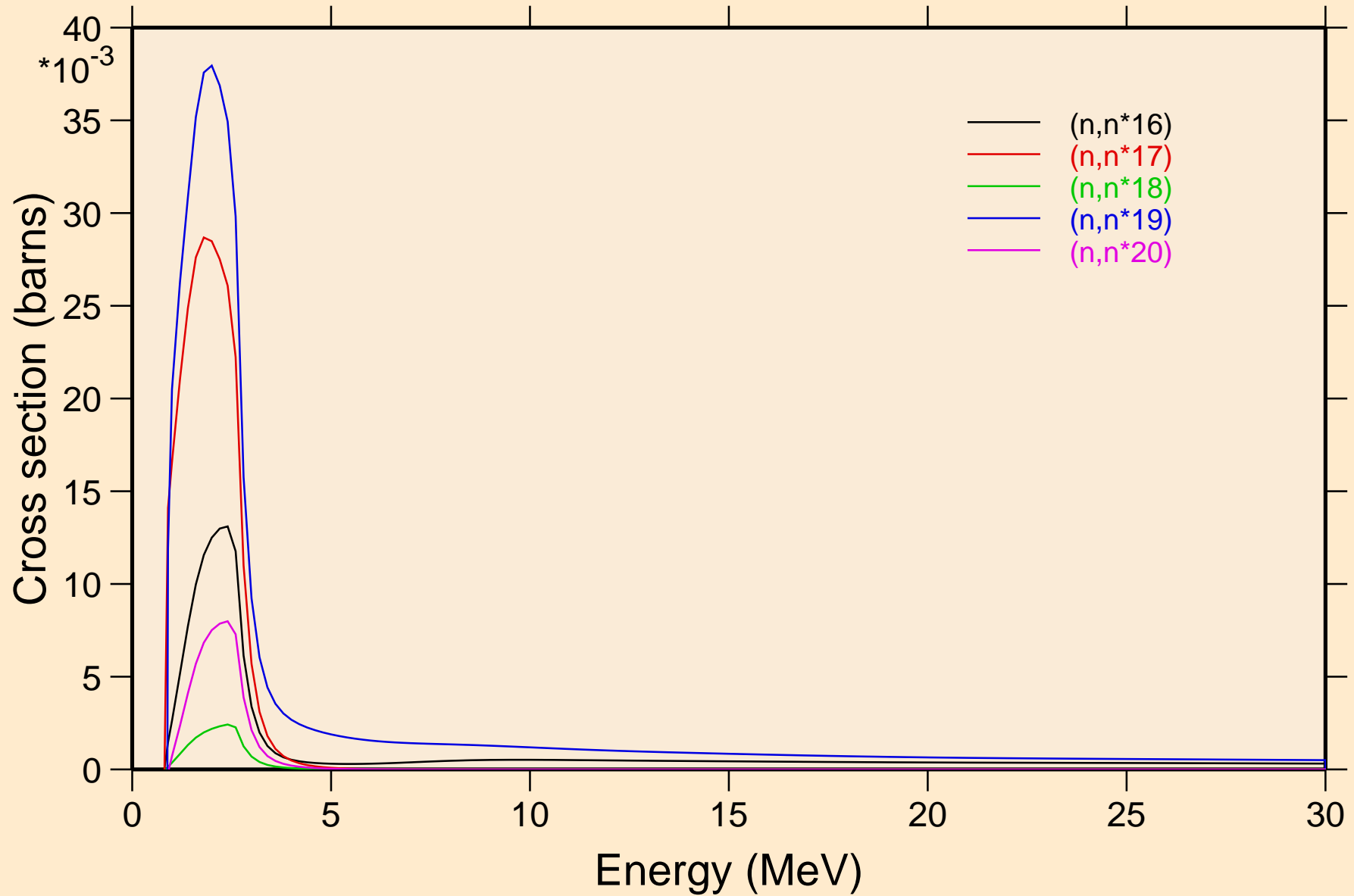


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

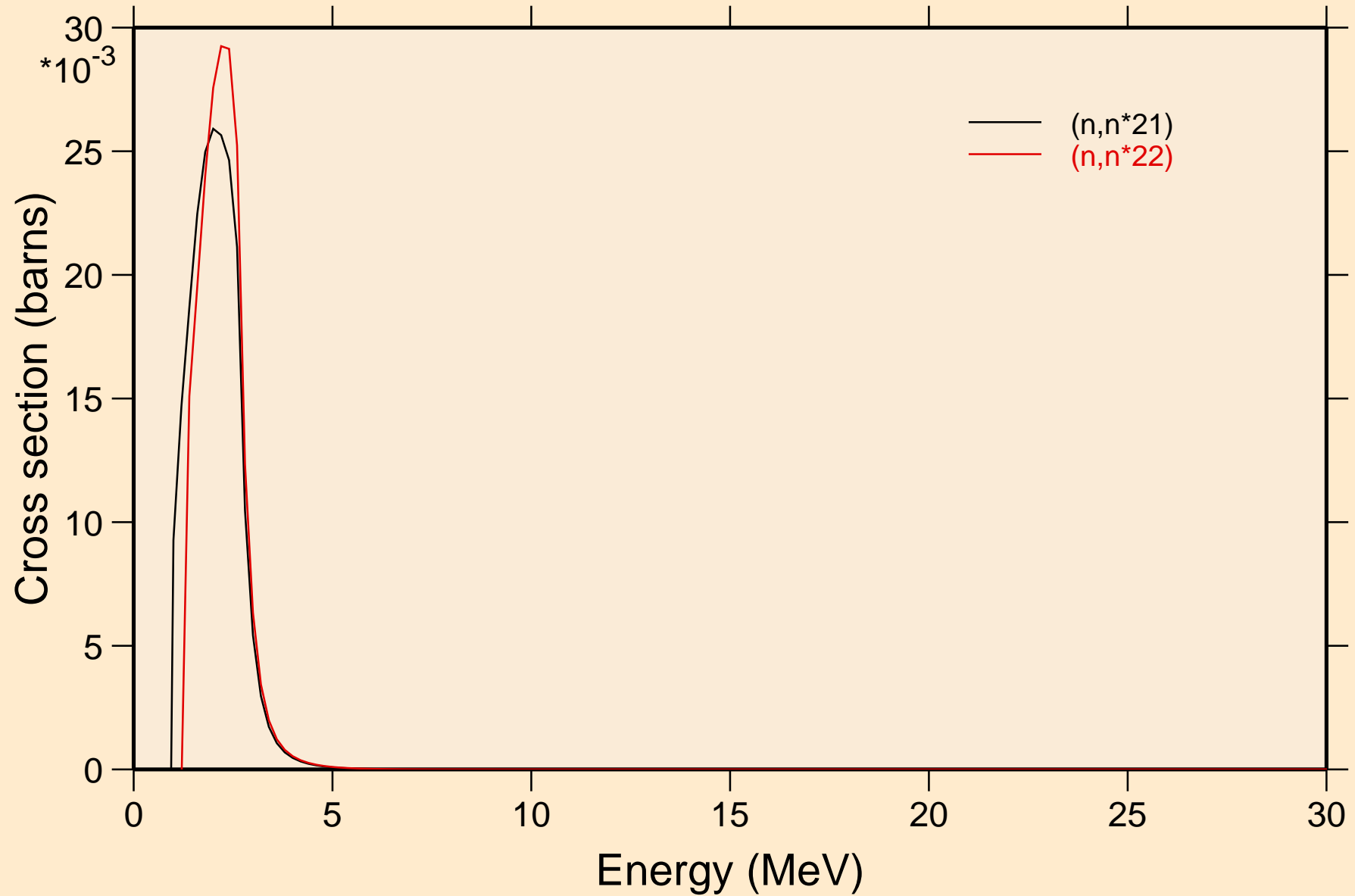


# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

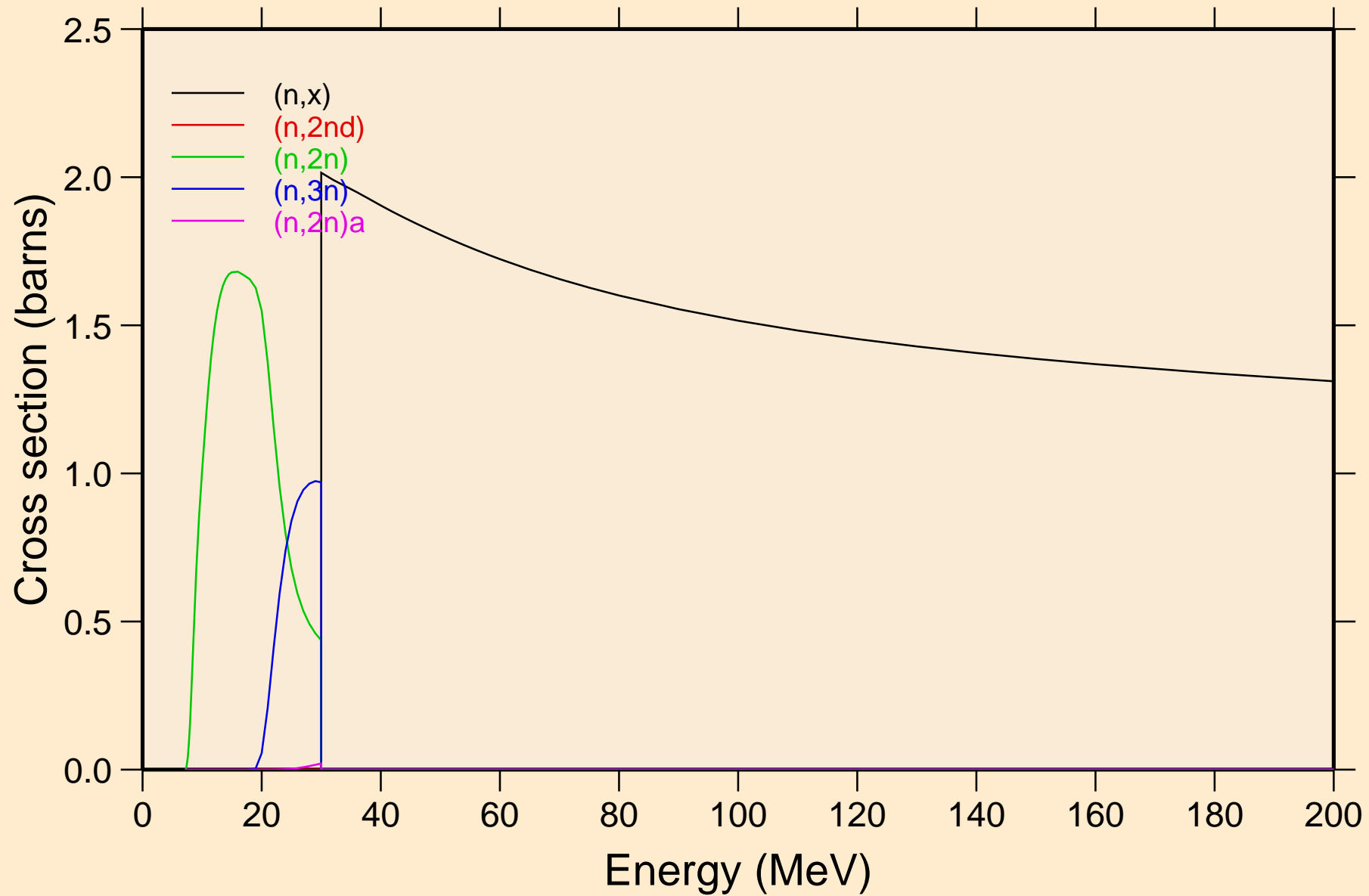


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

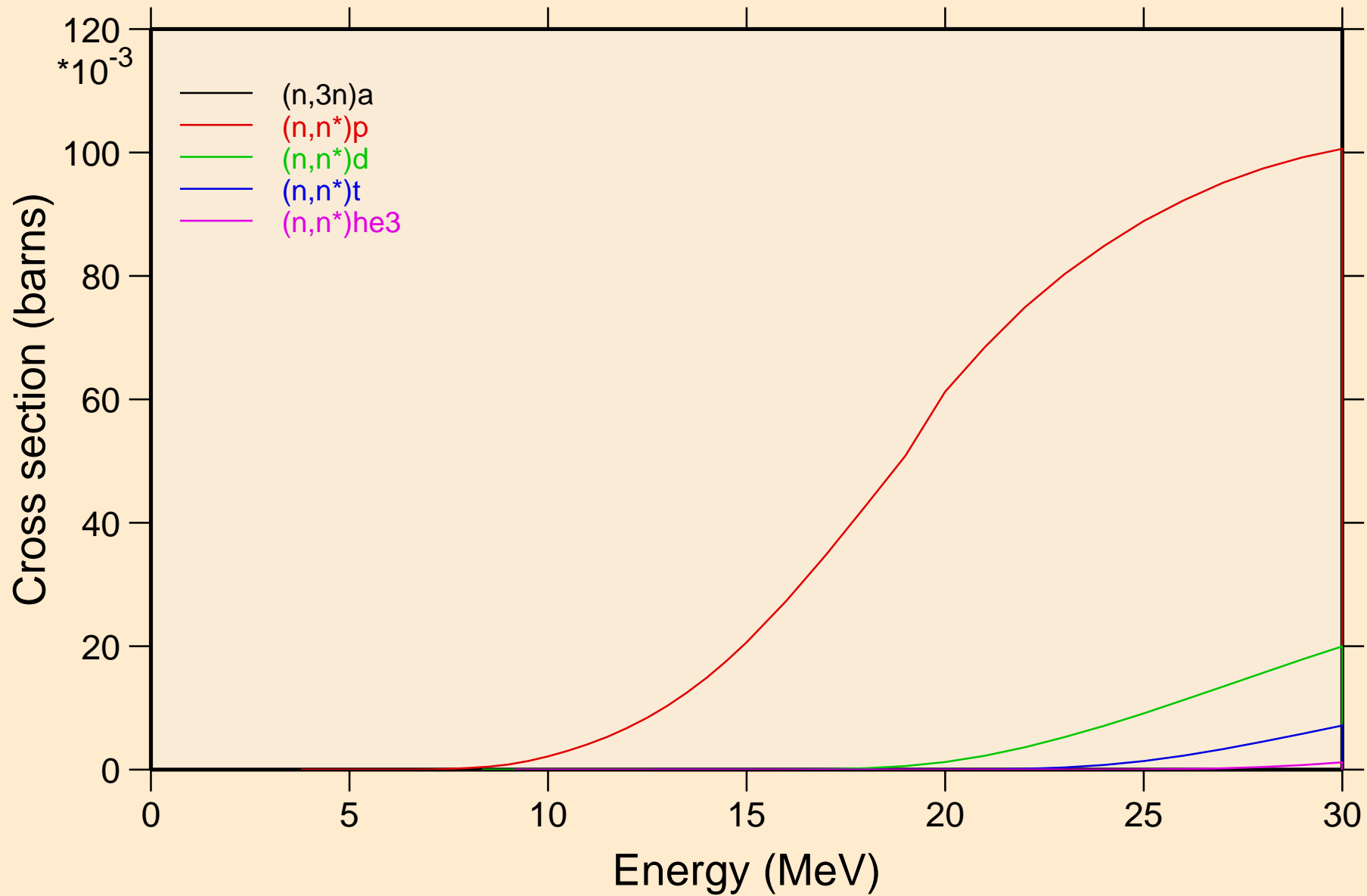
## Threshold reactions





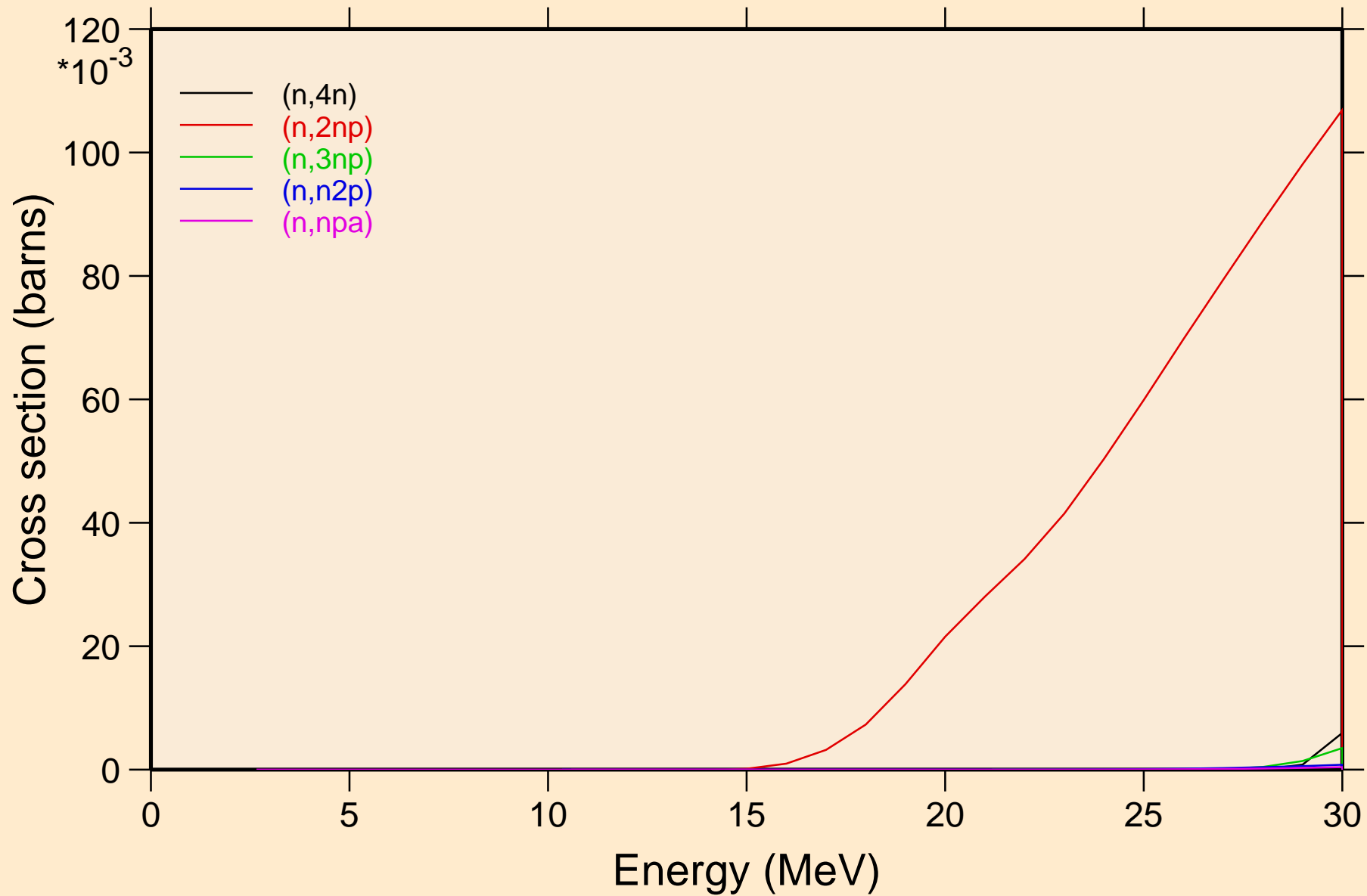
# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



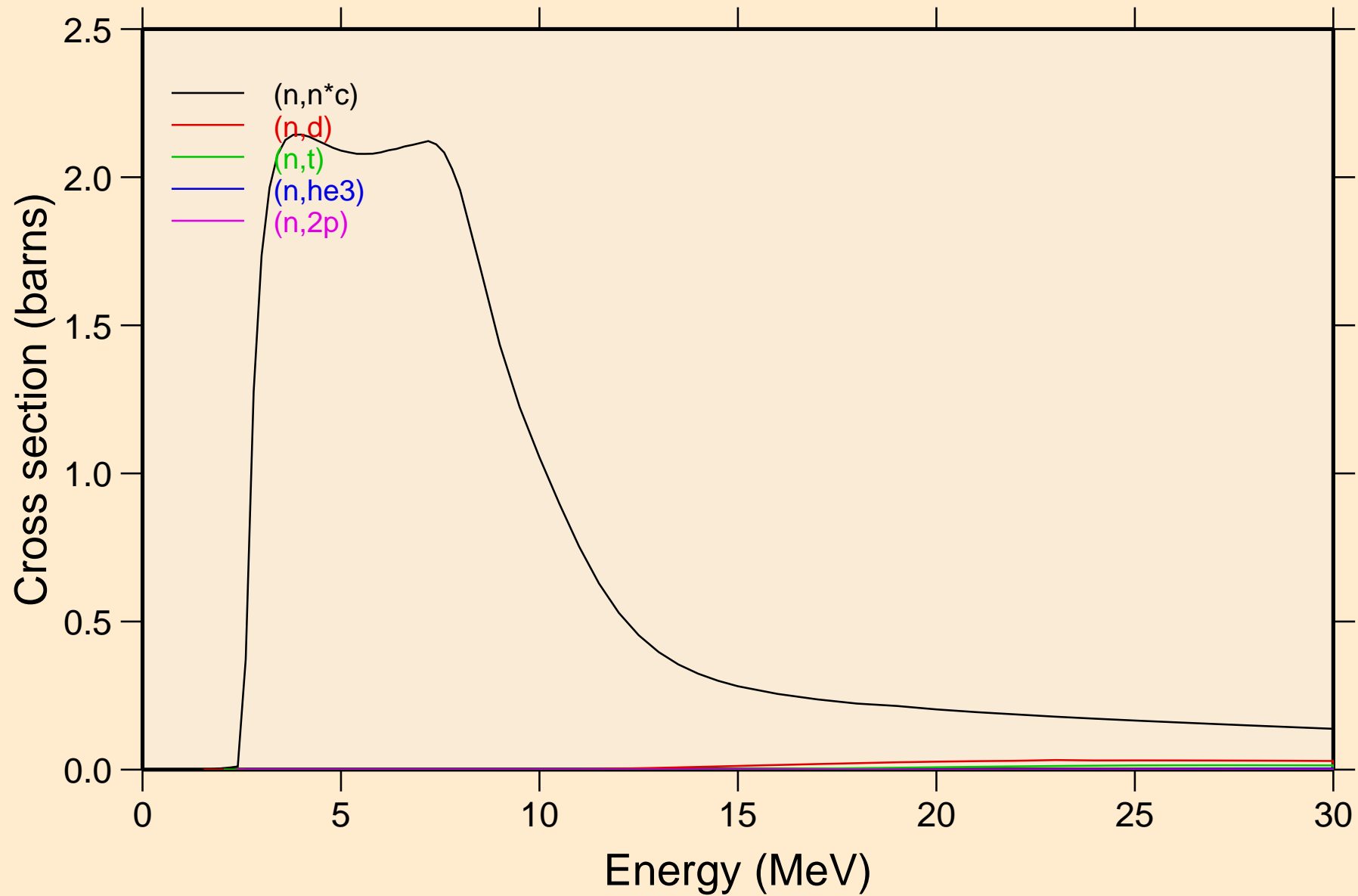
# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



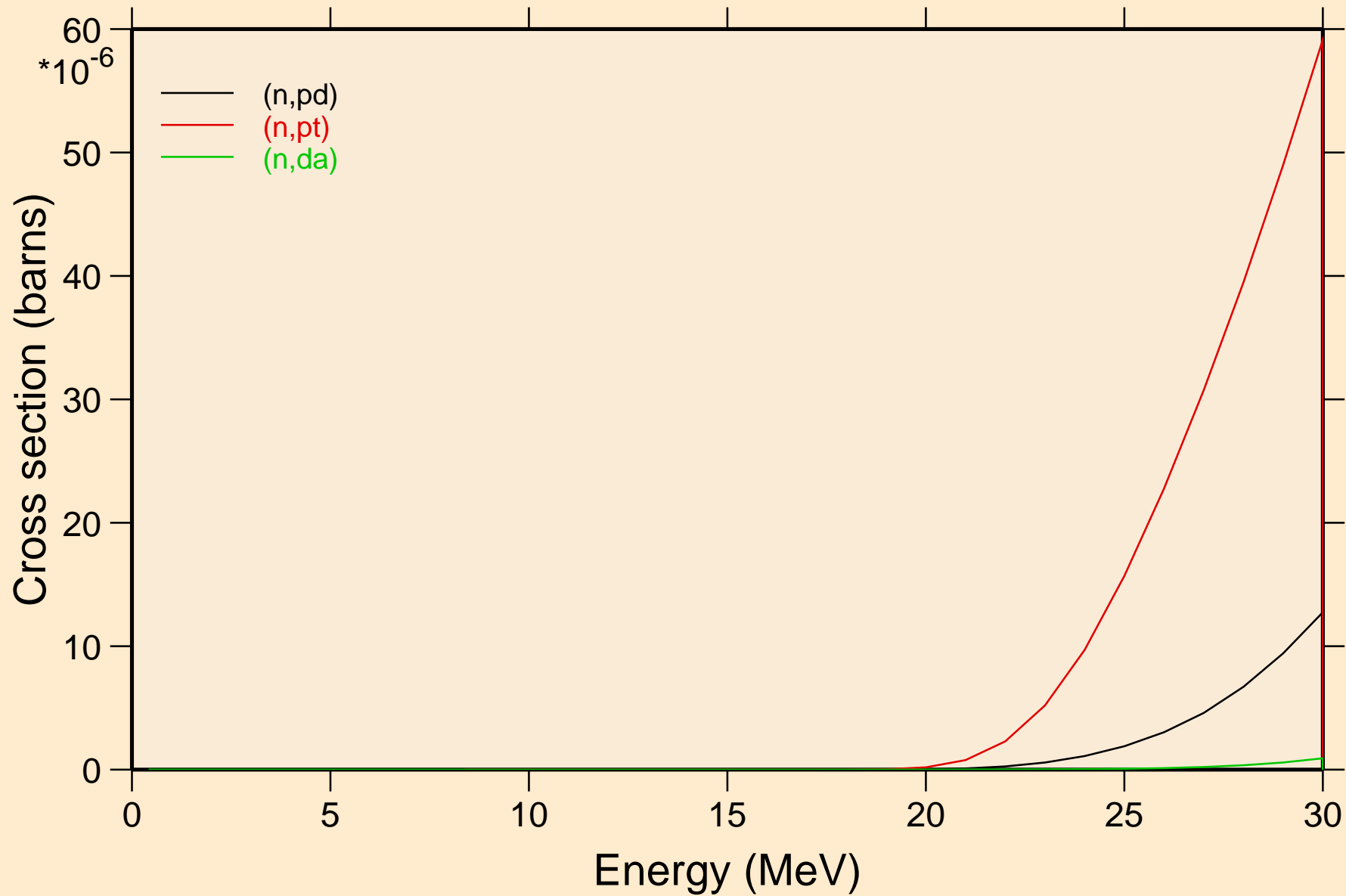
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## Threshold reactions



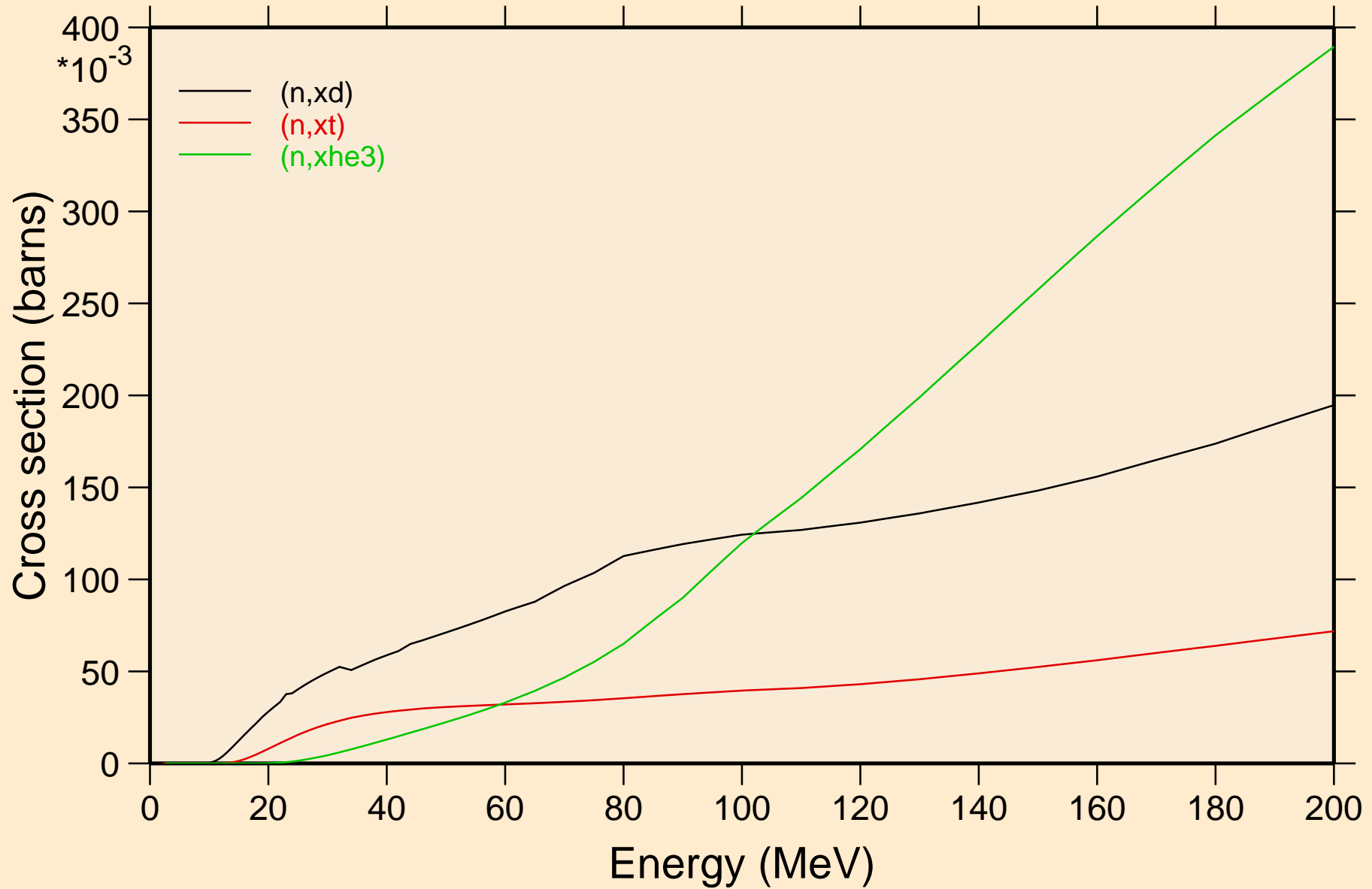
# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

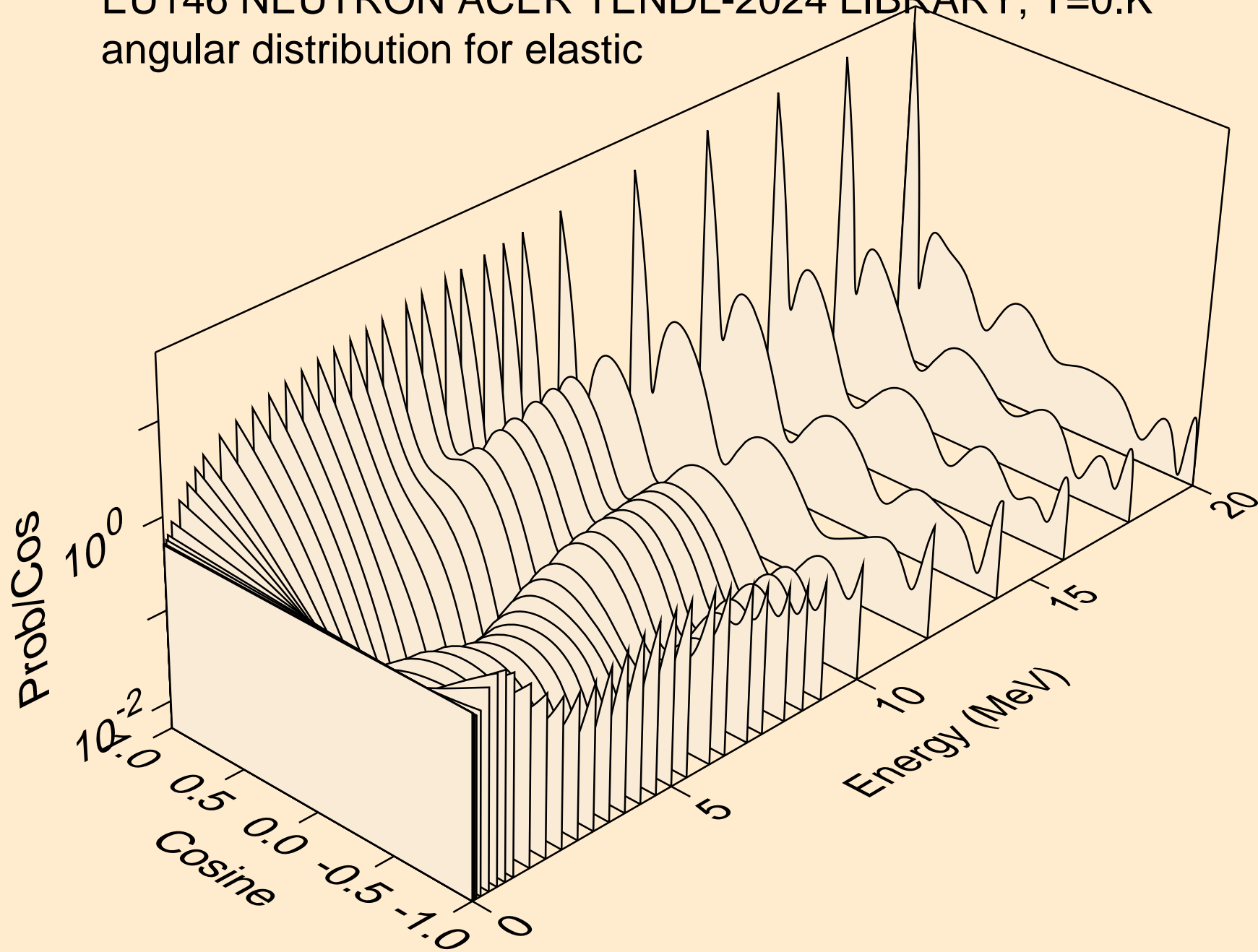


# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

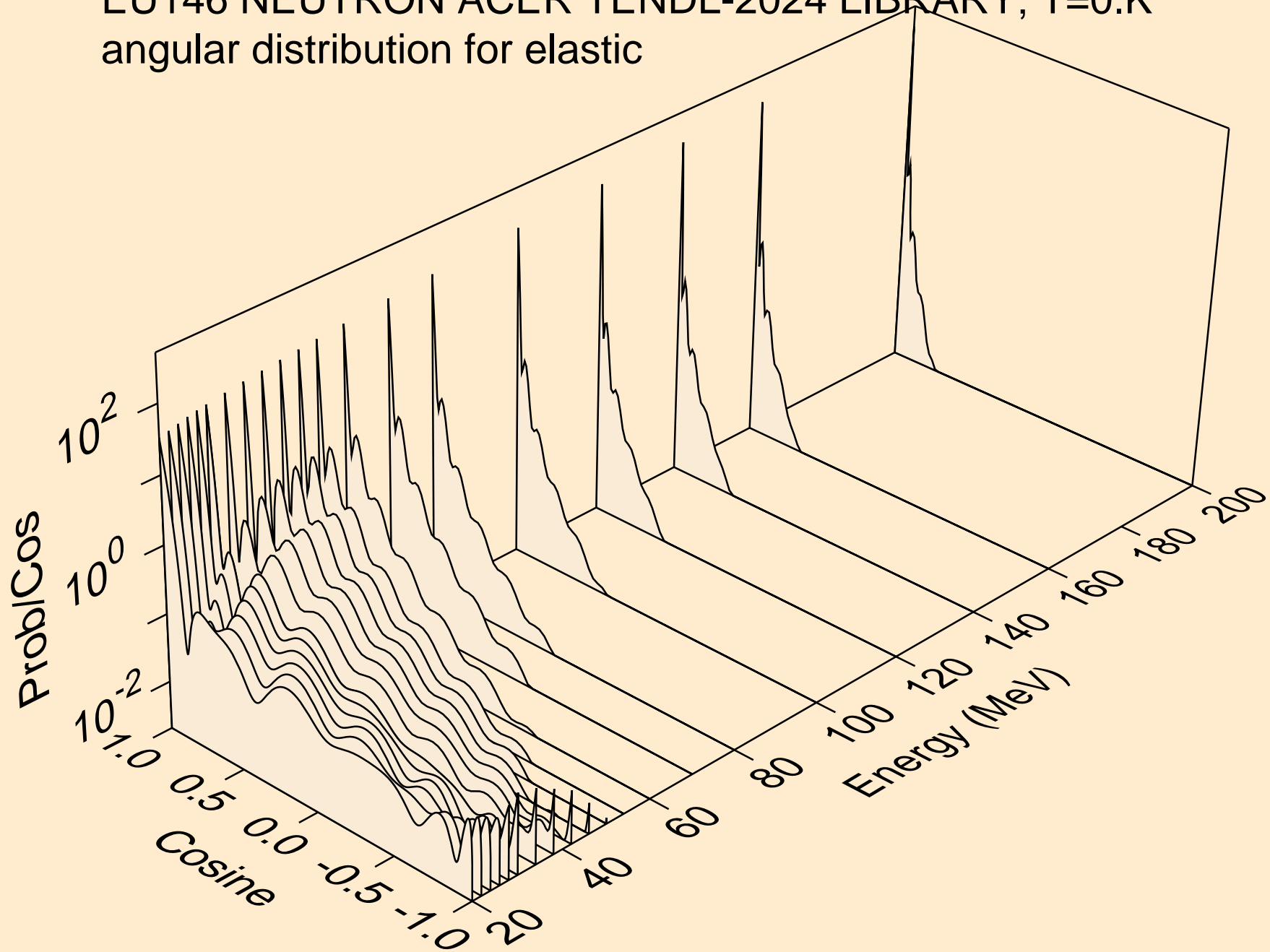
## Threshold reactions



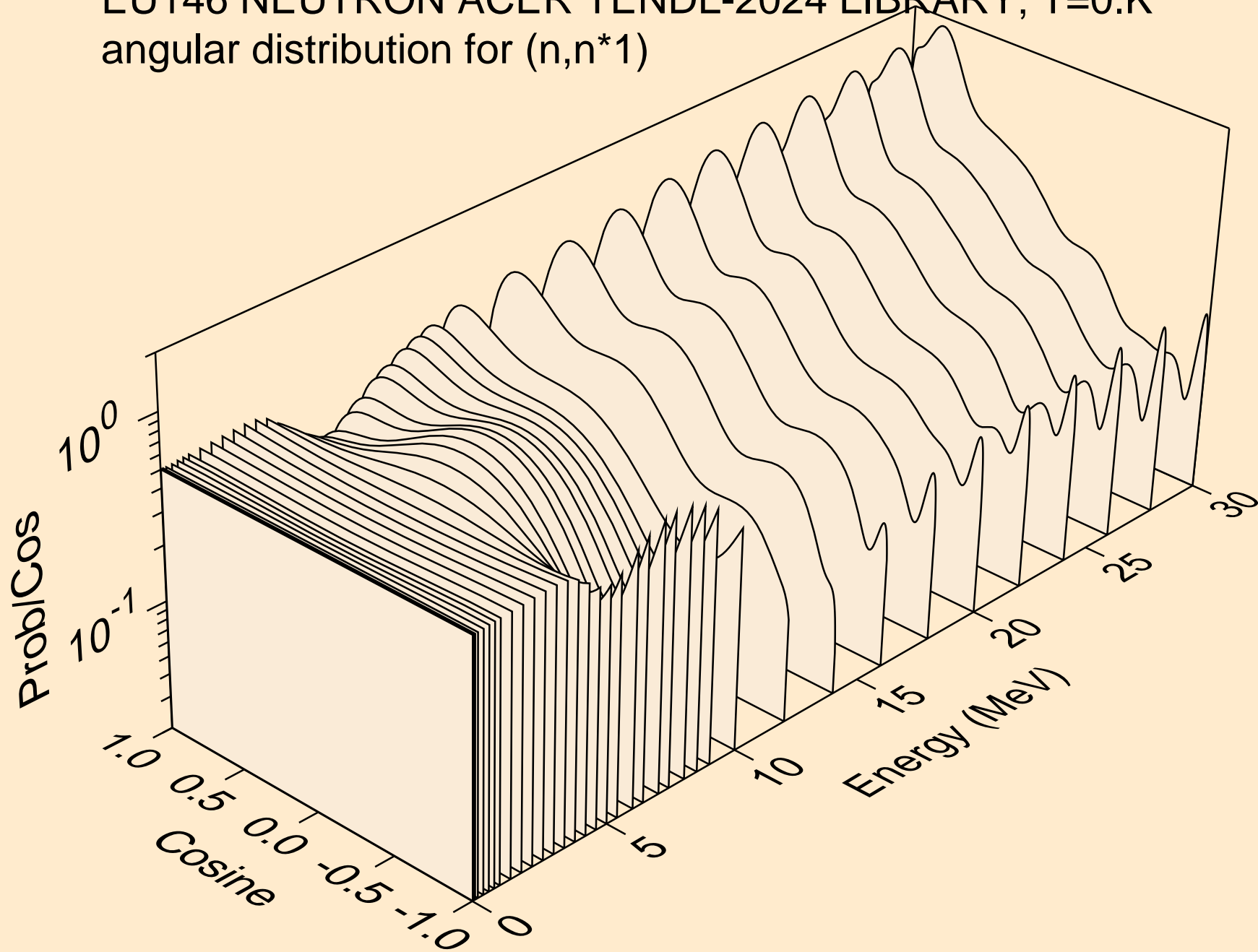
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

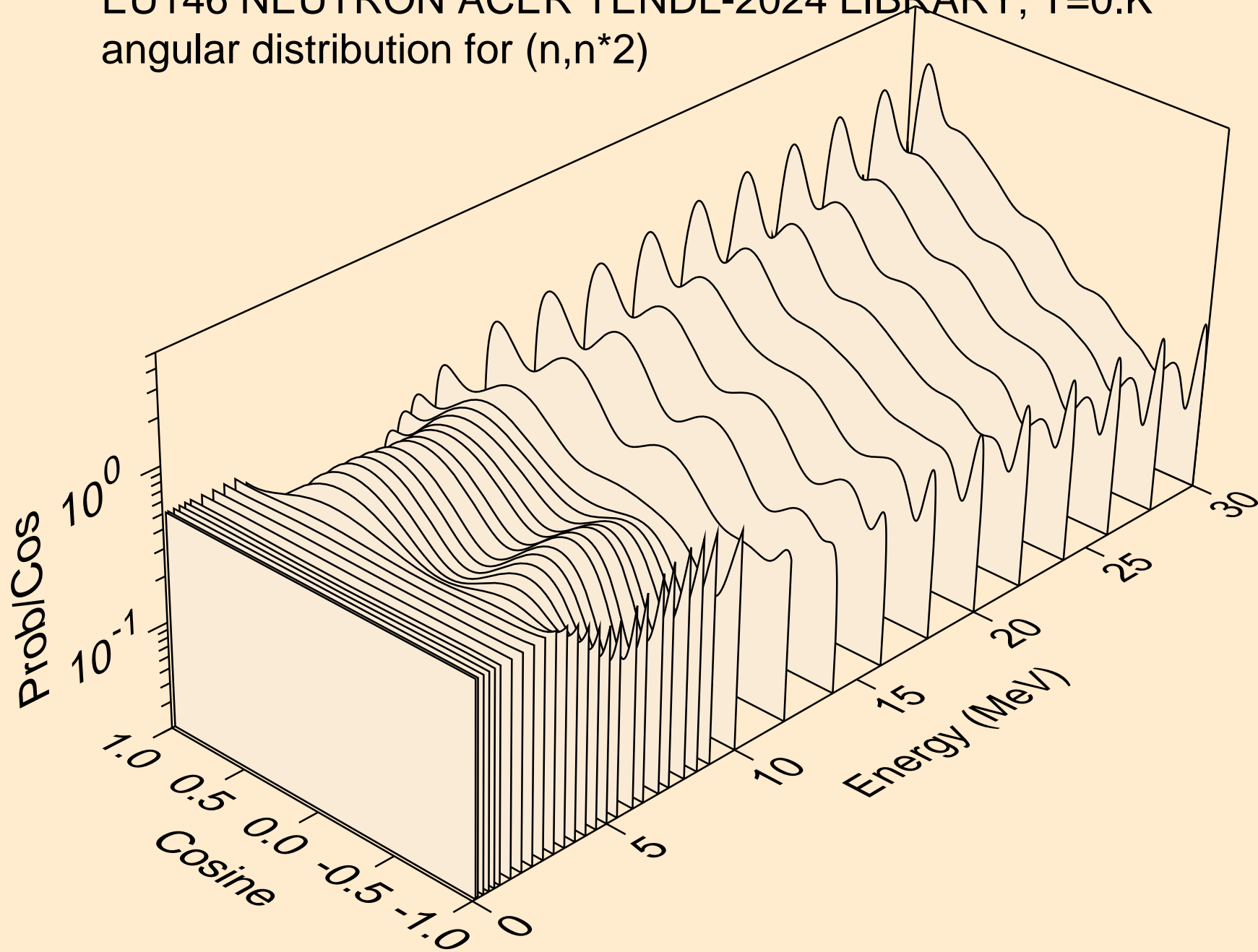


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

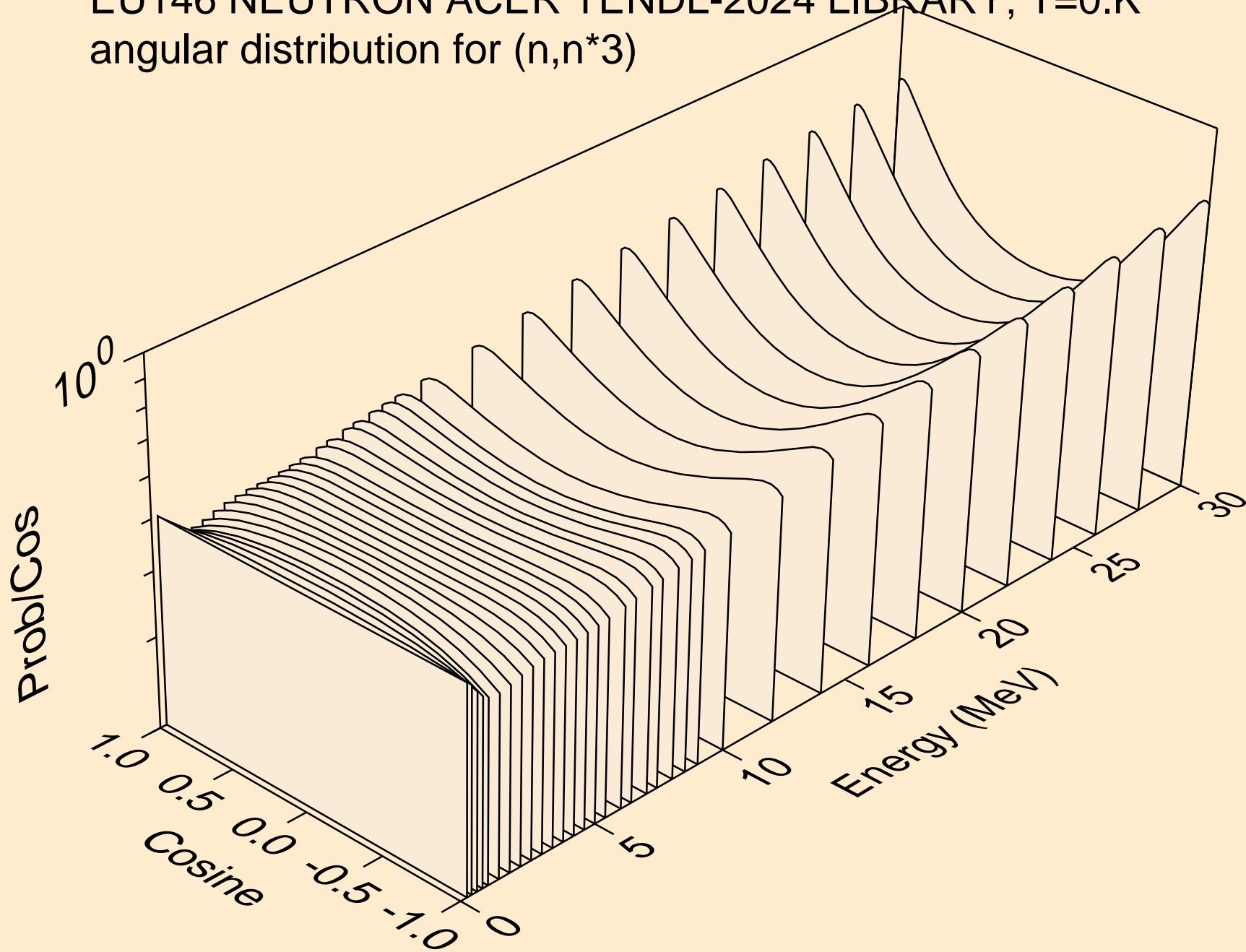




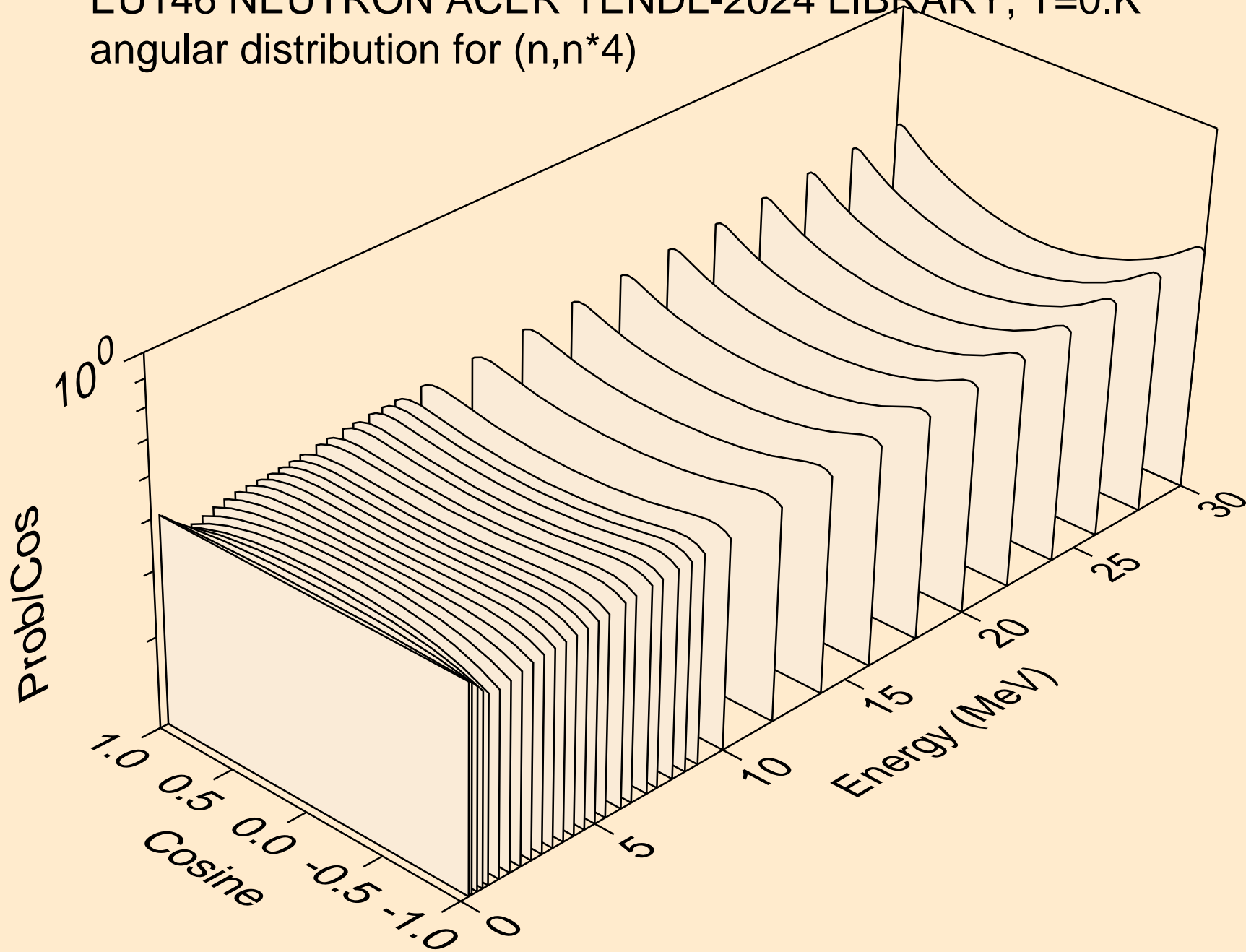
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



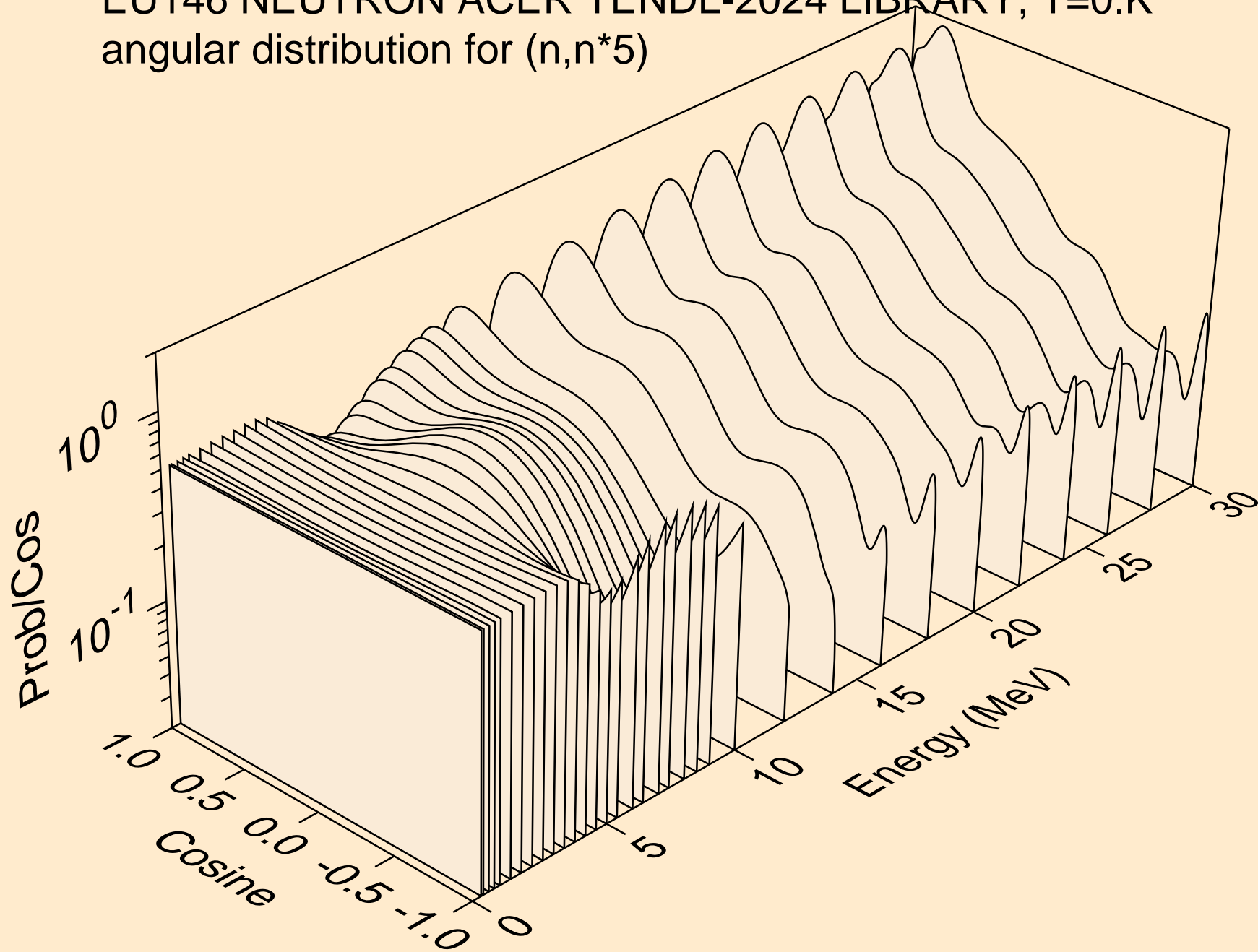
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



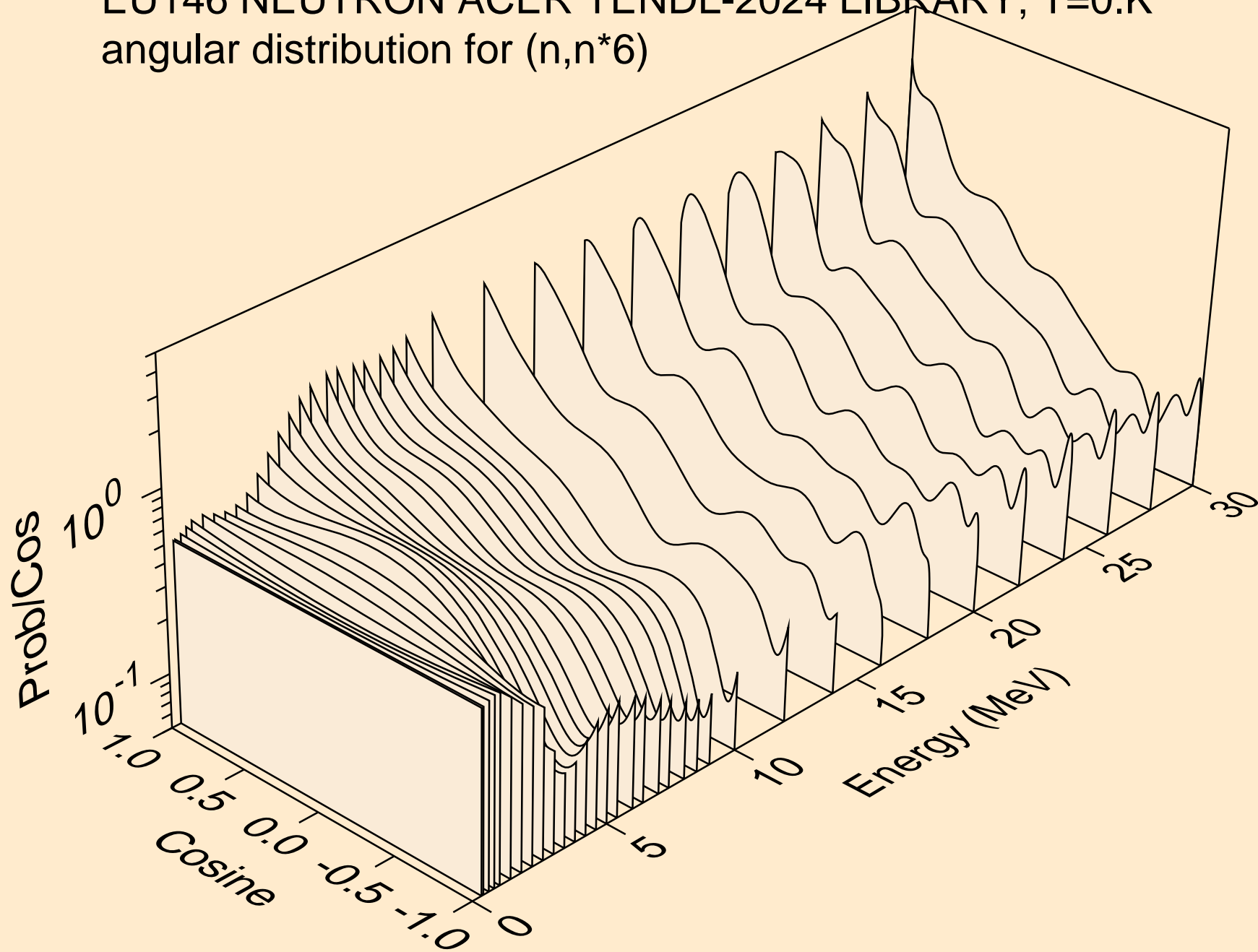
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



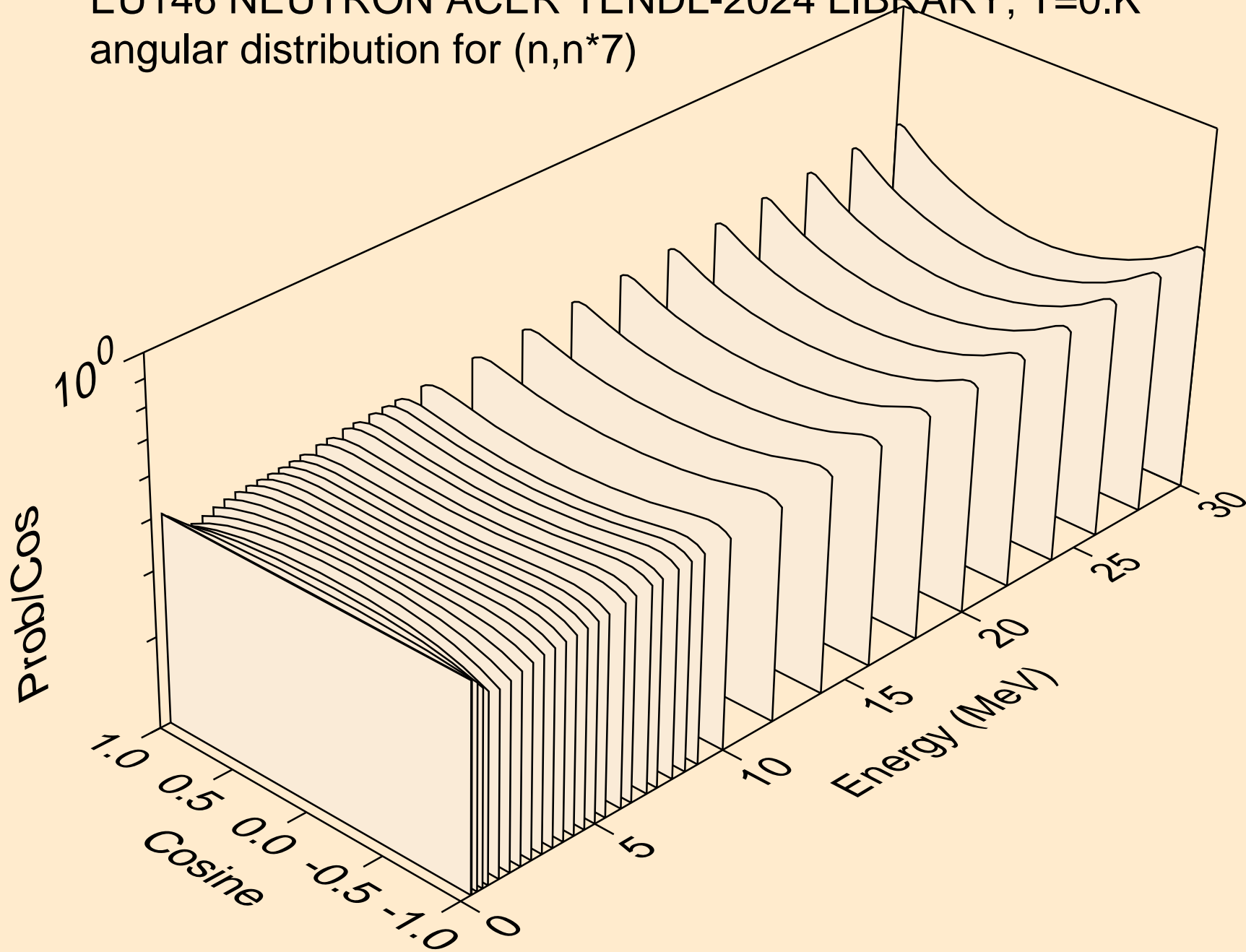
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



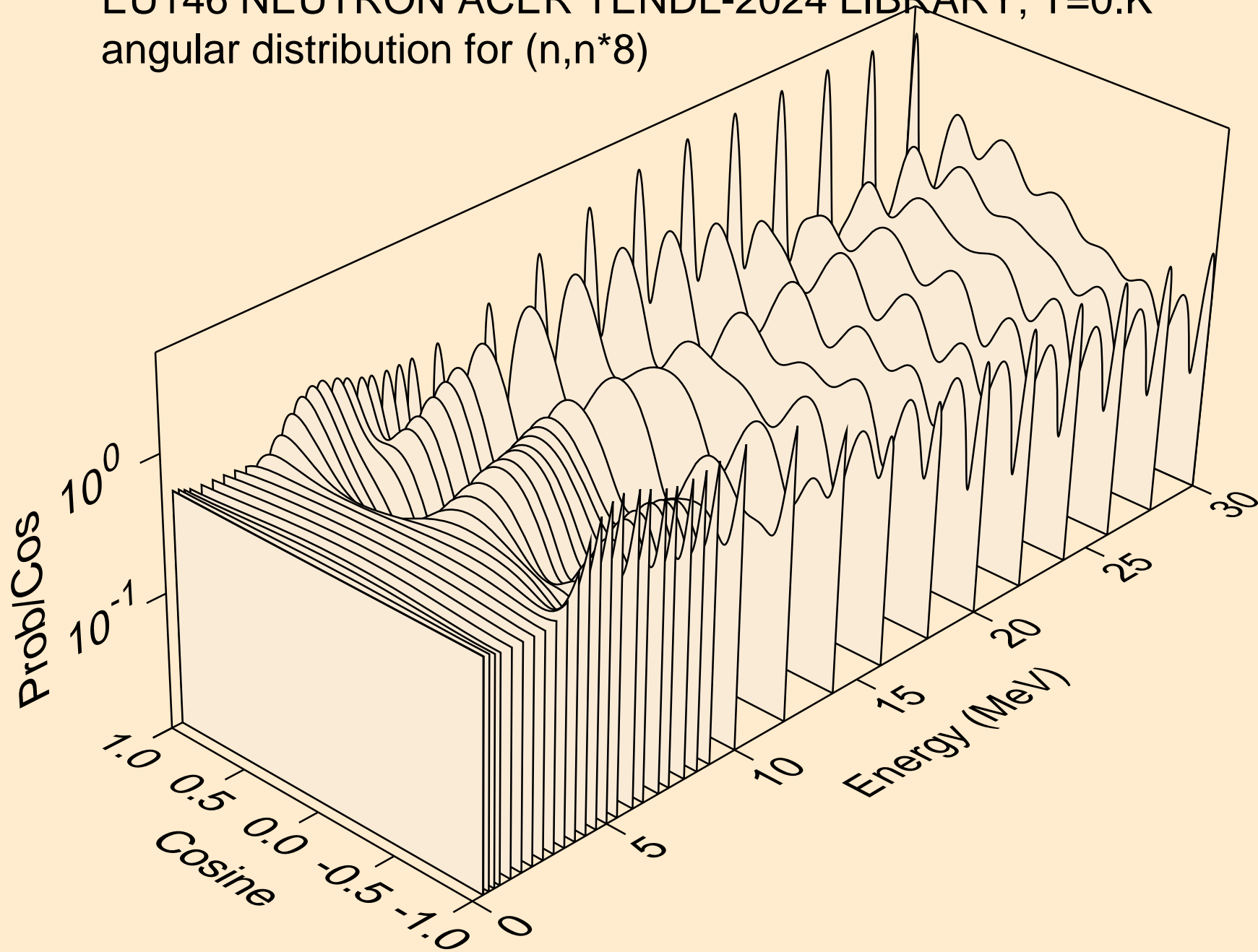
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angular distribution for (n,n\*6)



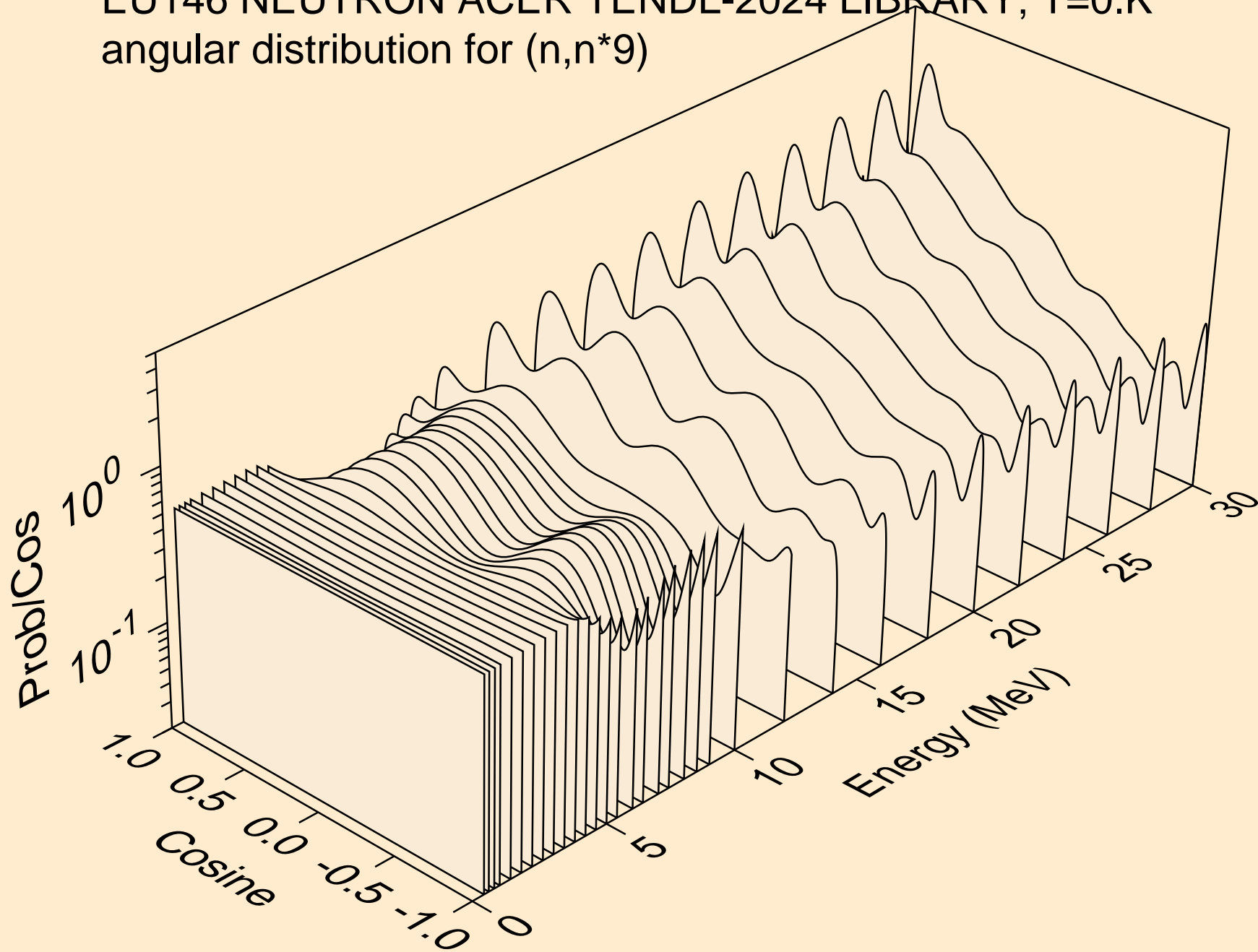
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

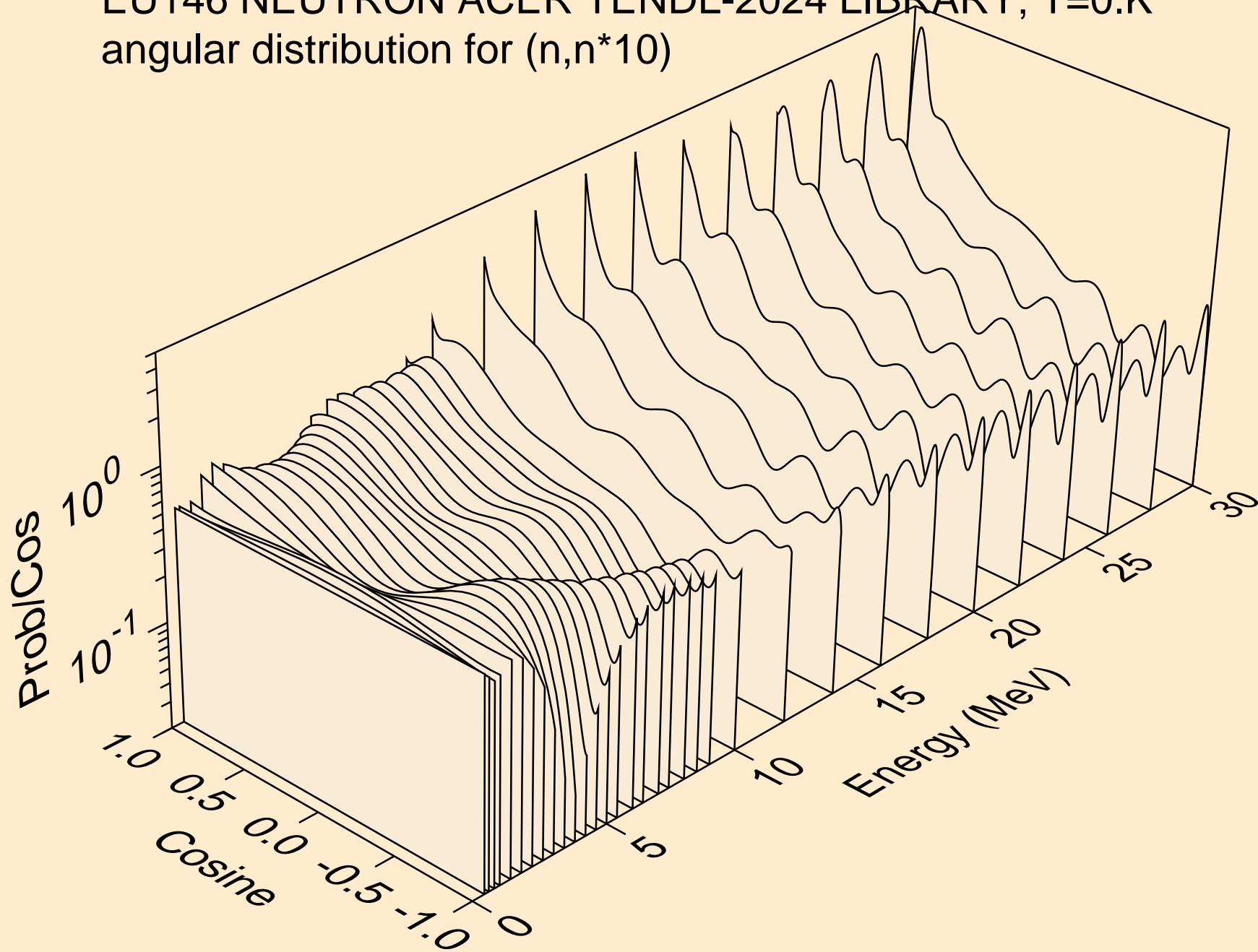


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

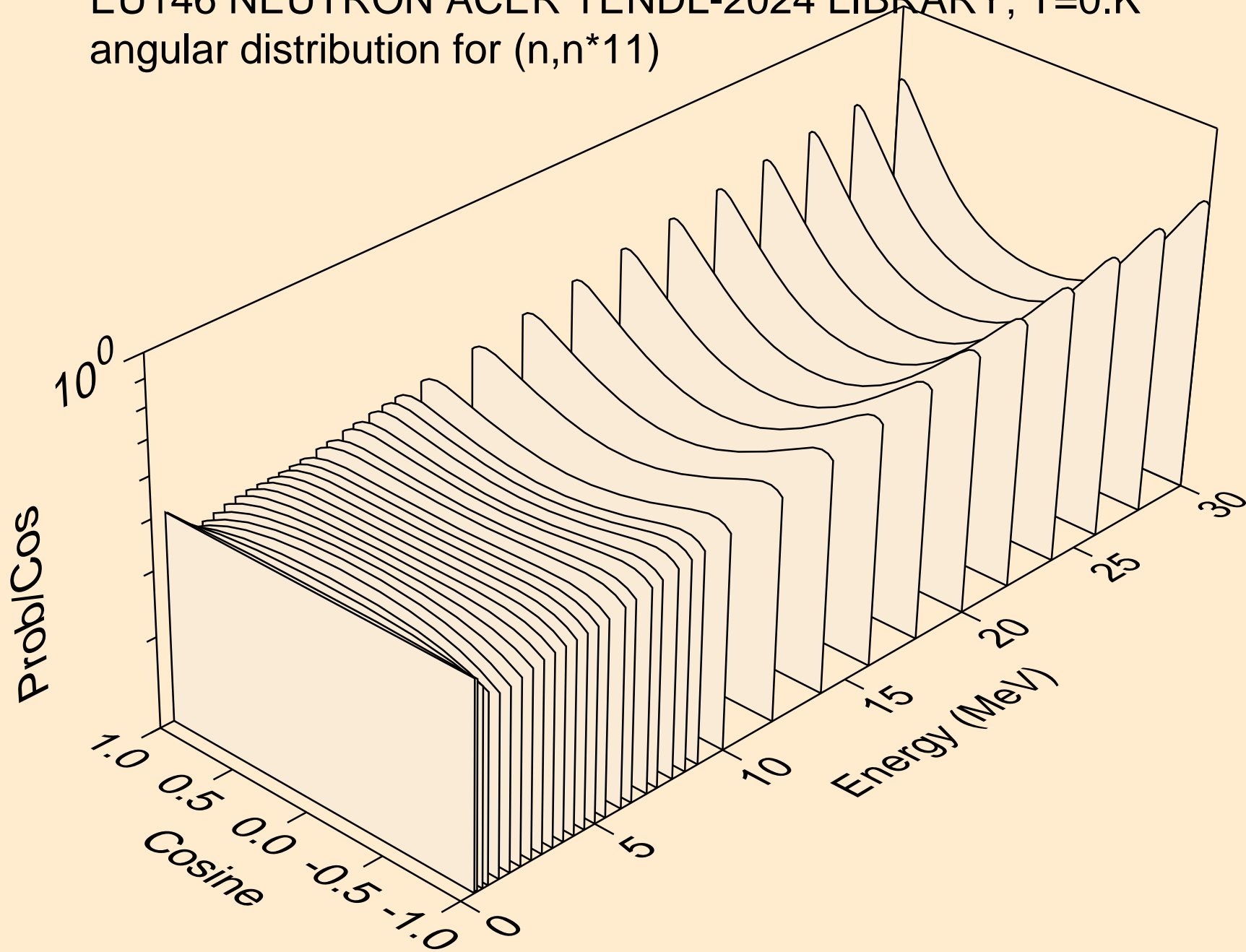




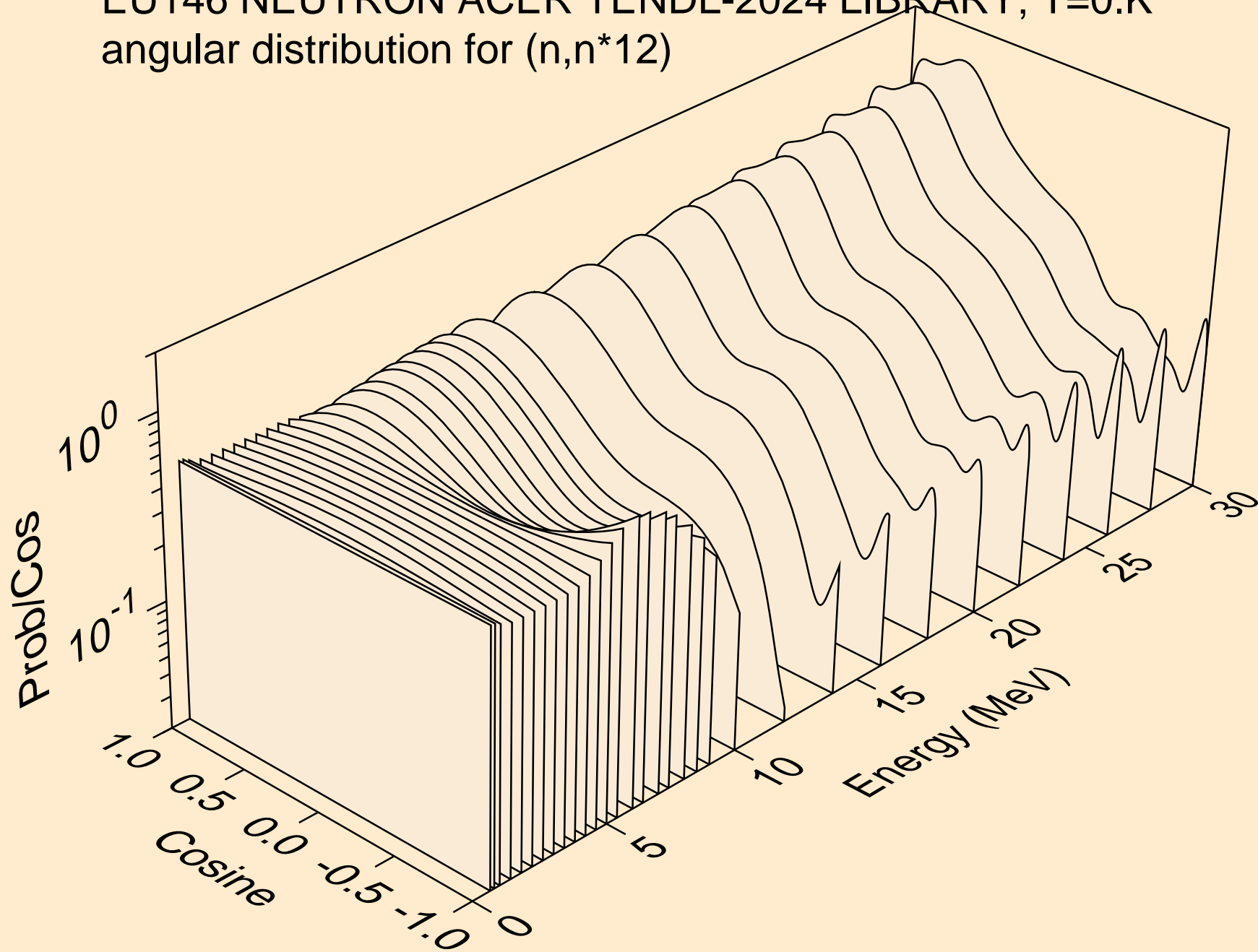
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



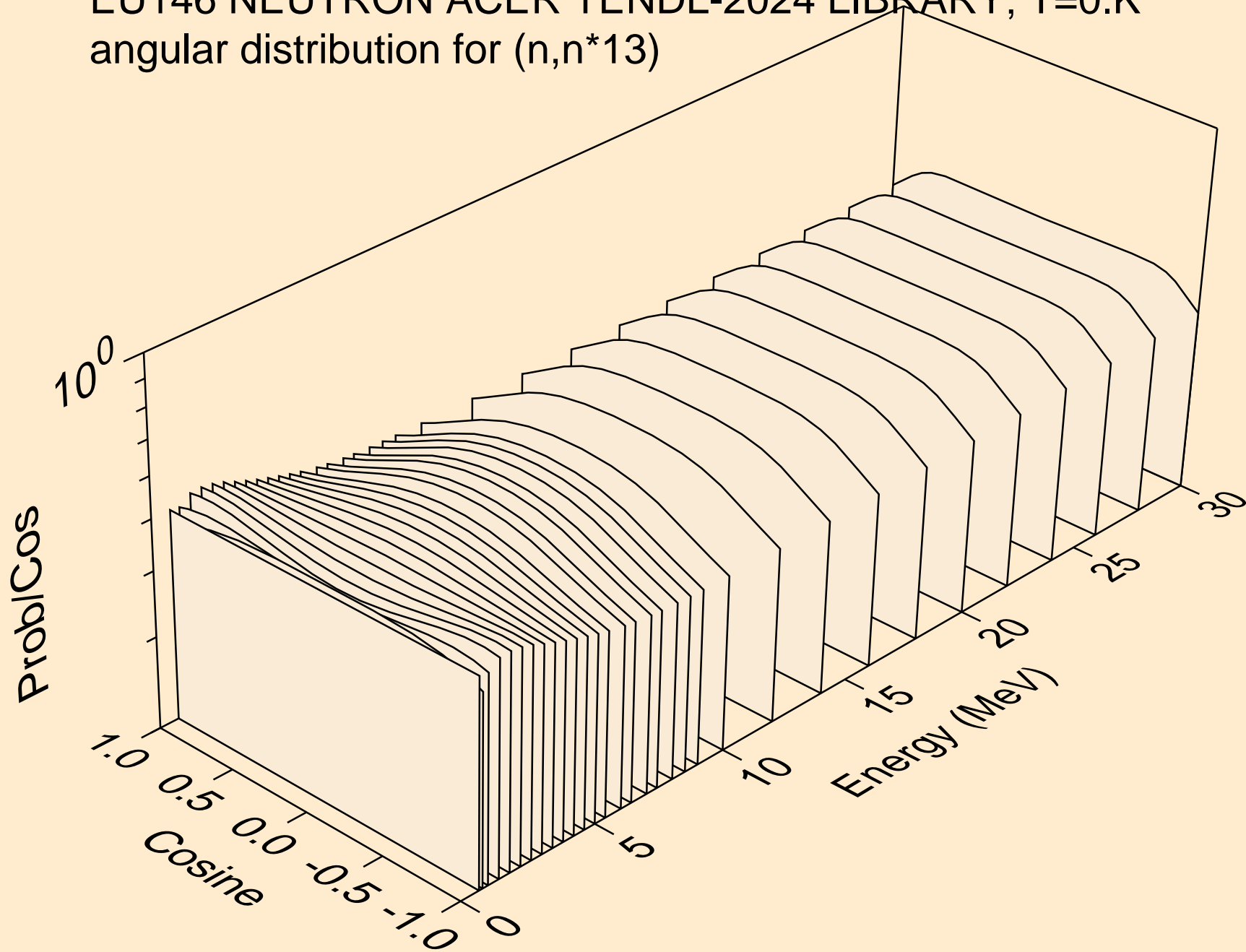
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



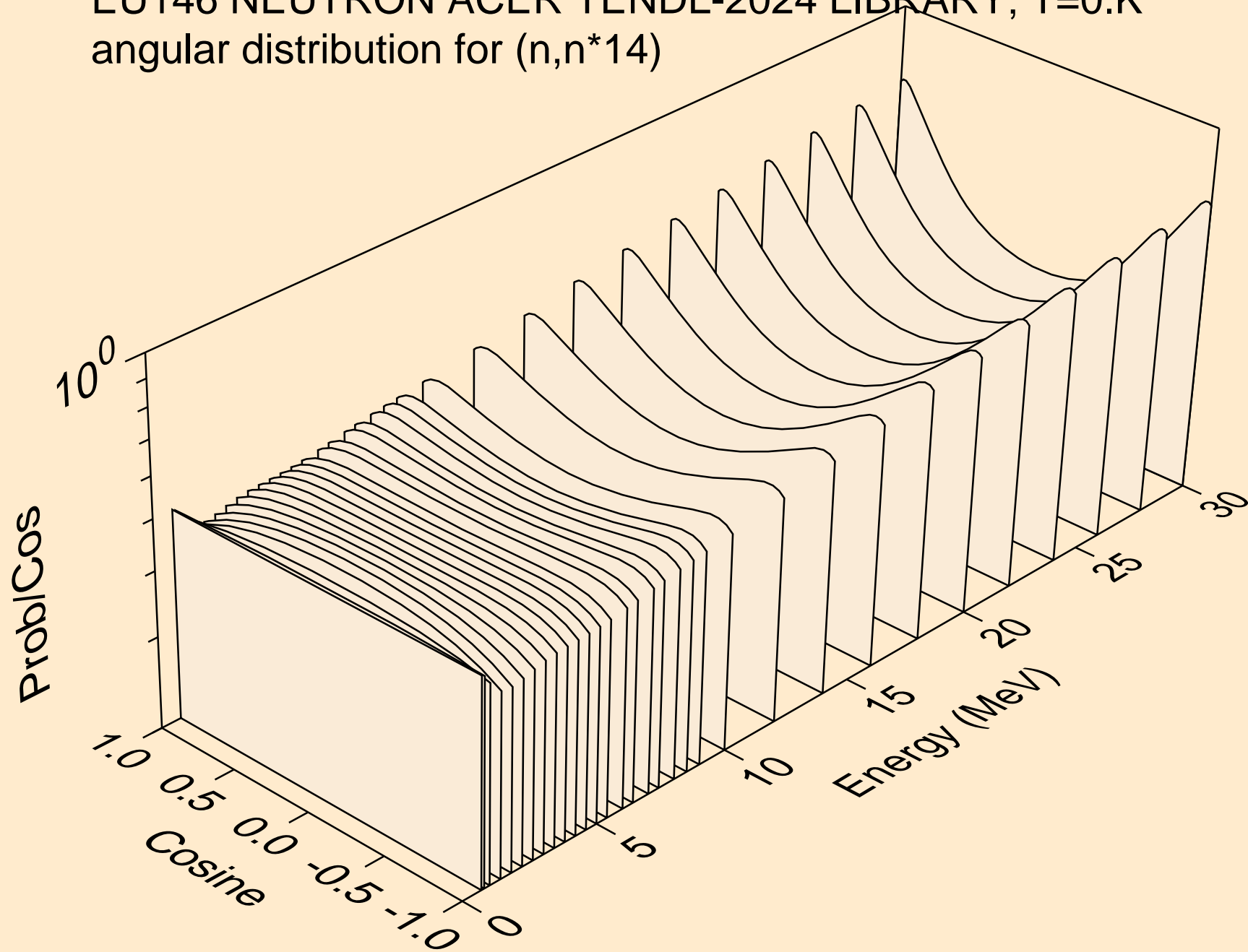
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angular distribution for (n,n\*12)



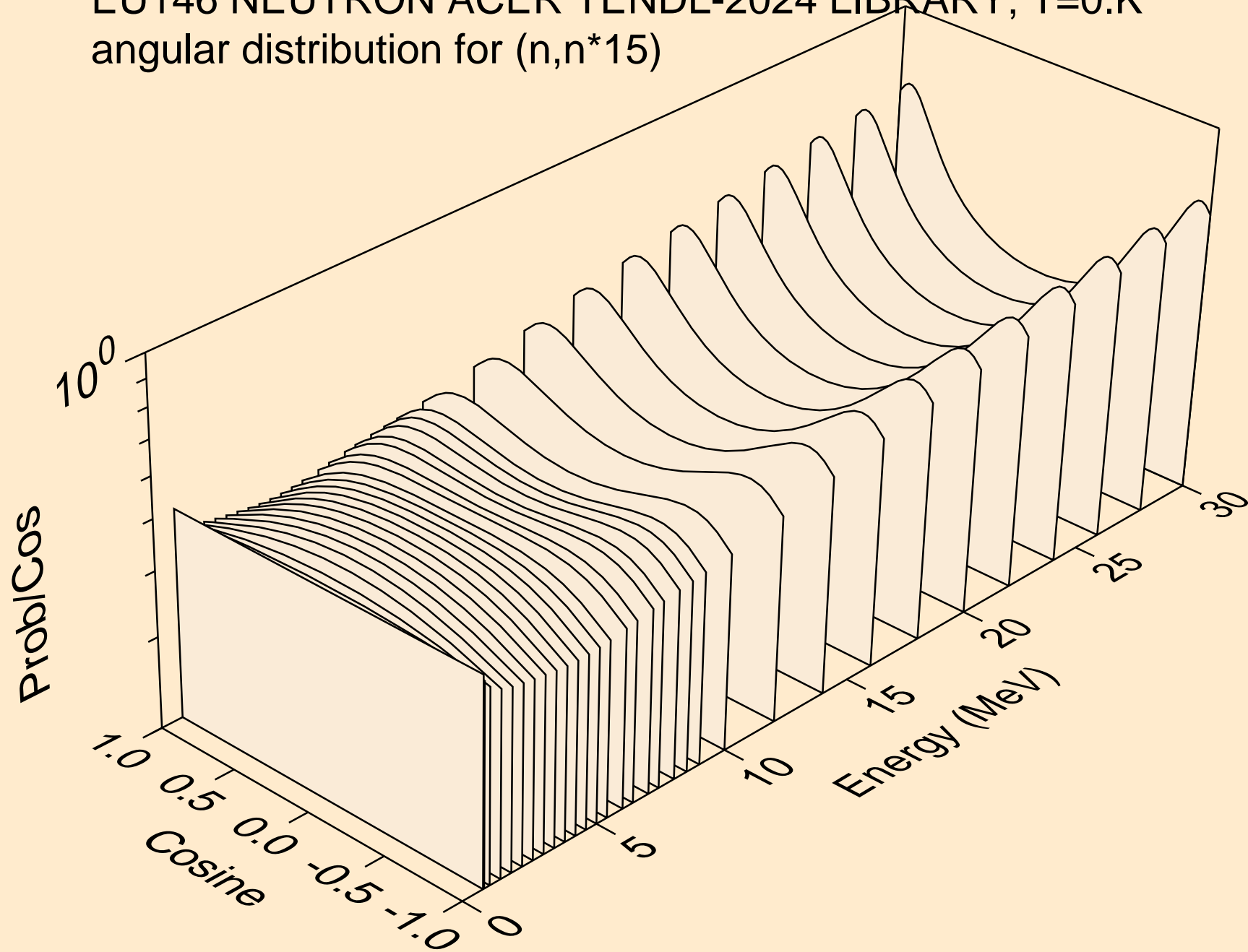
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



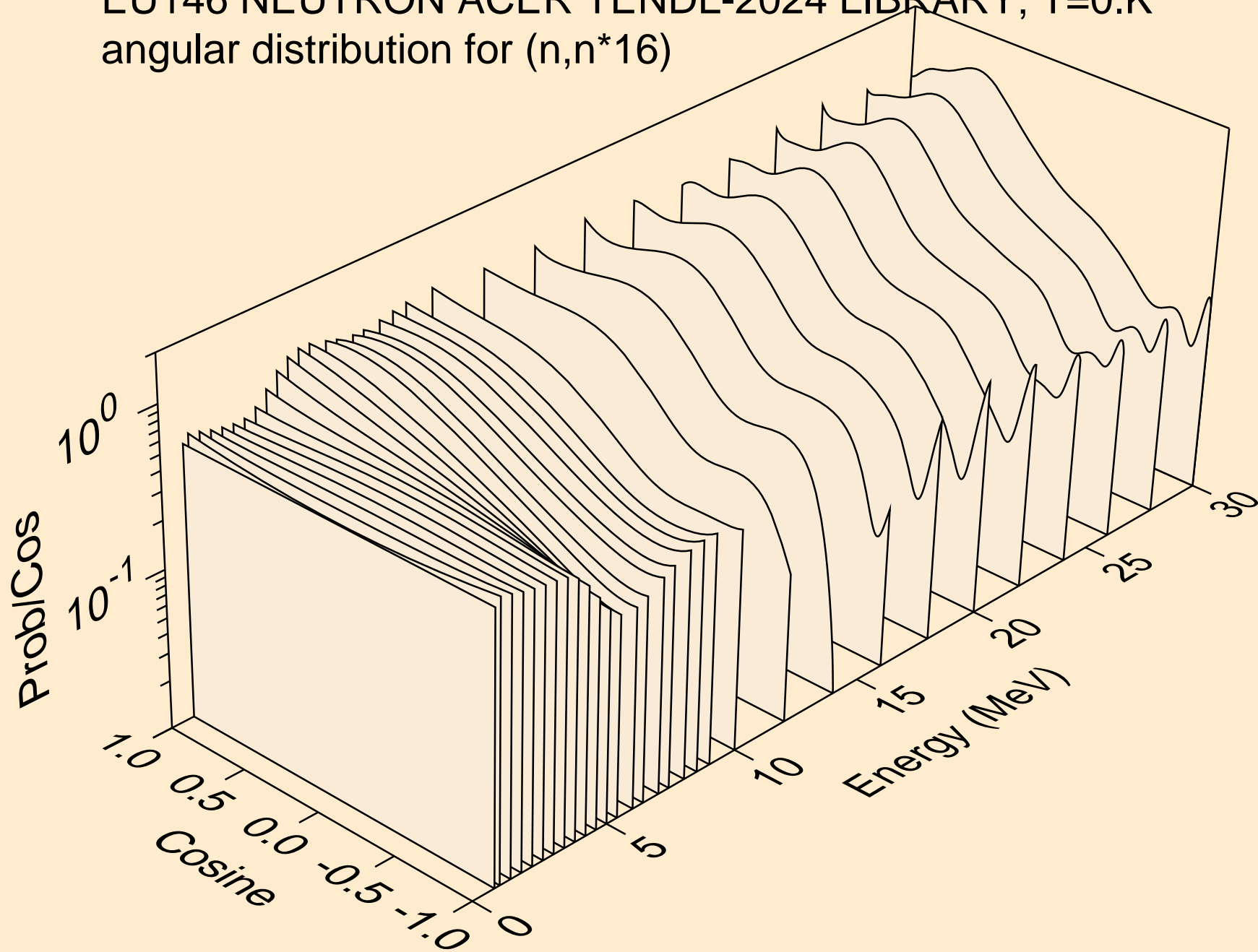
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angular distribution for (n,n\*14)



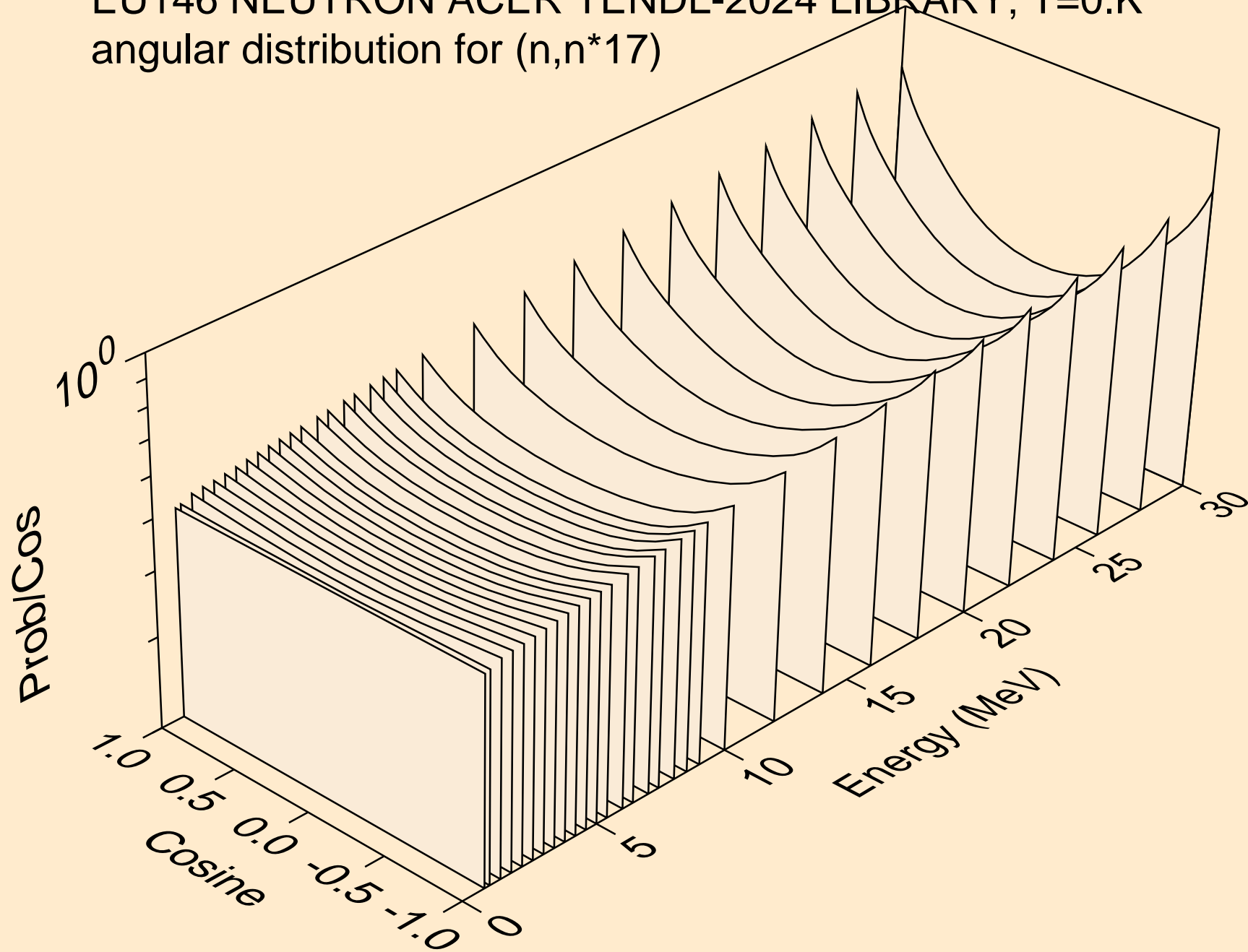
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

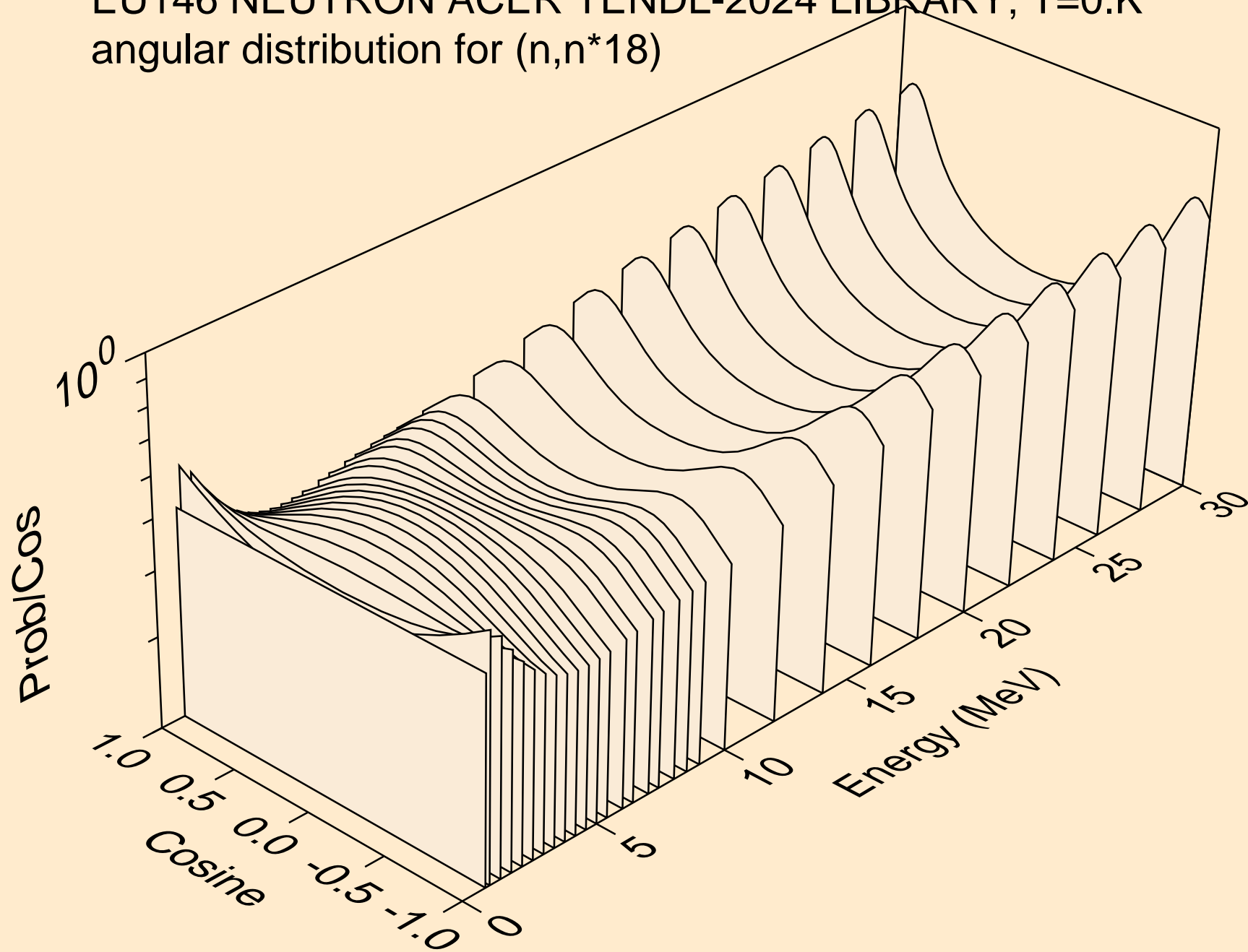


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

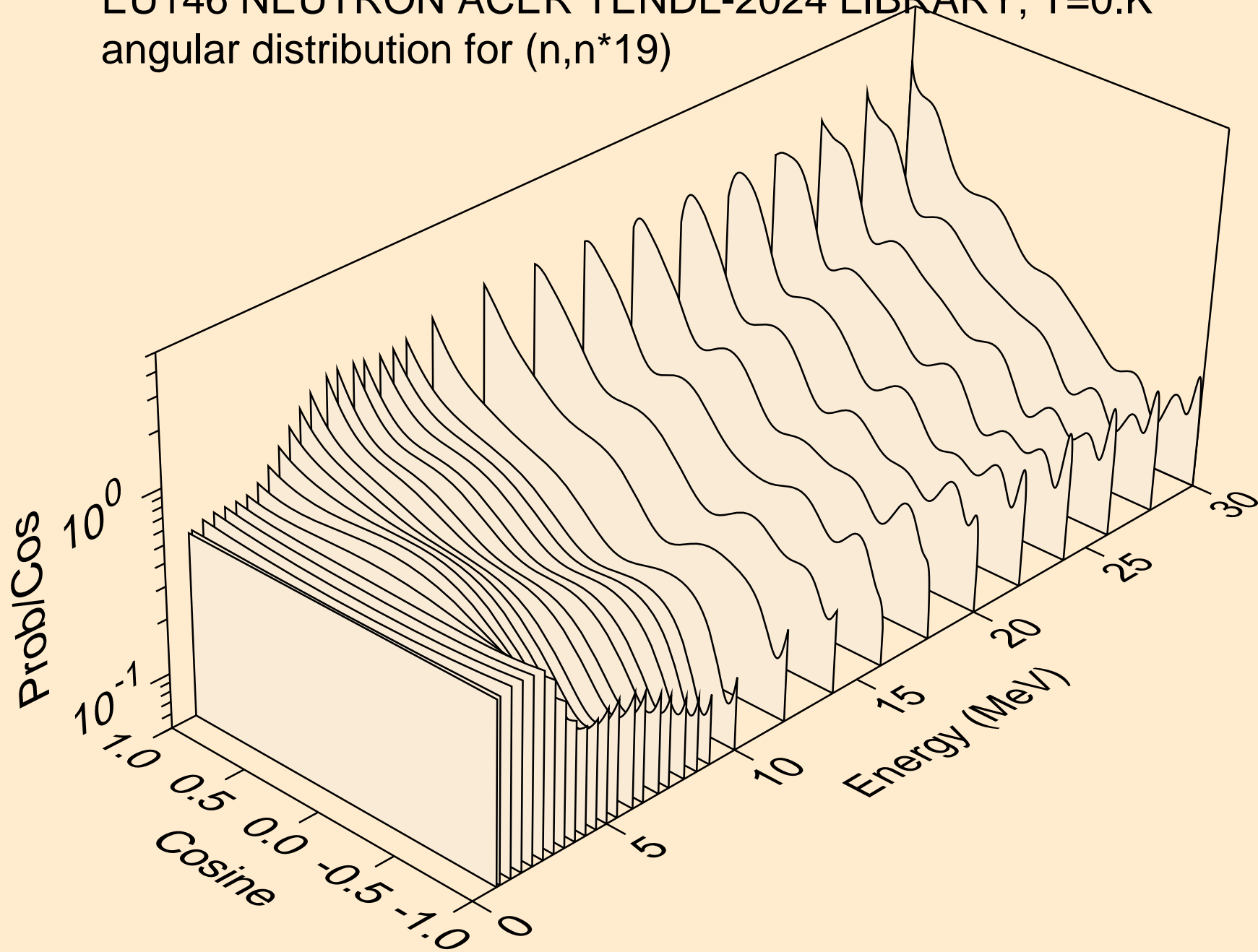




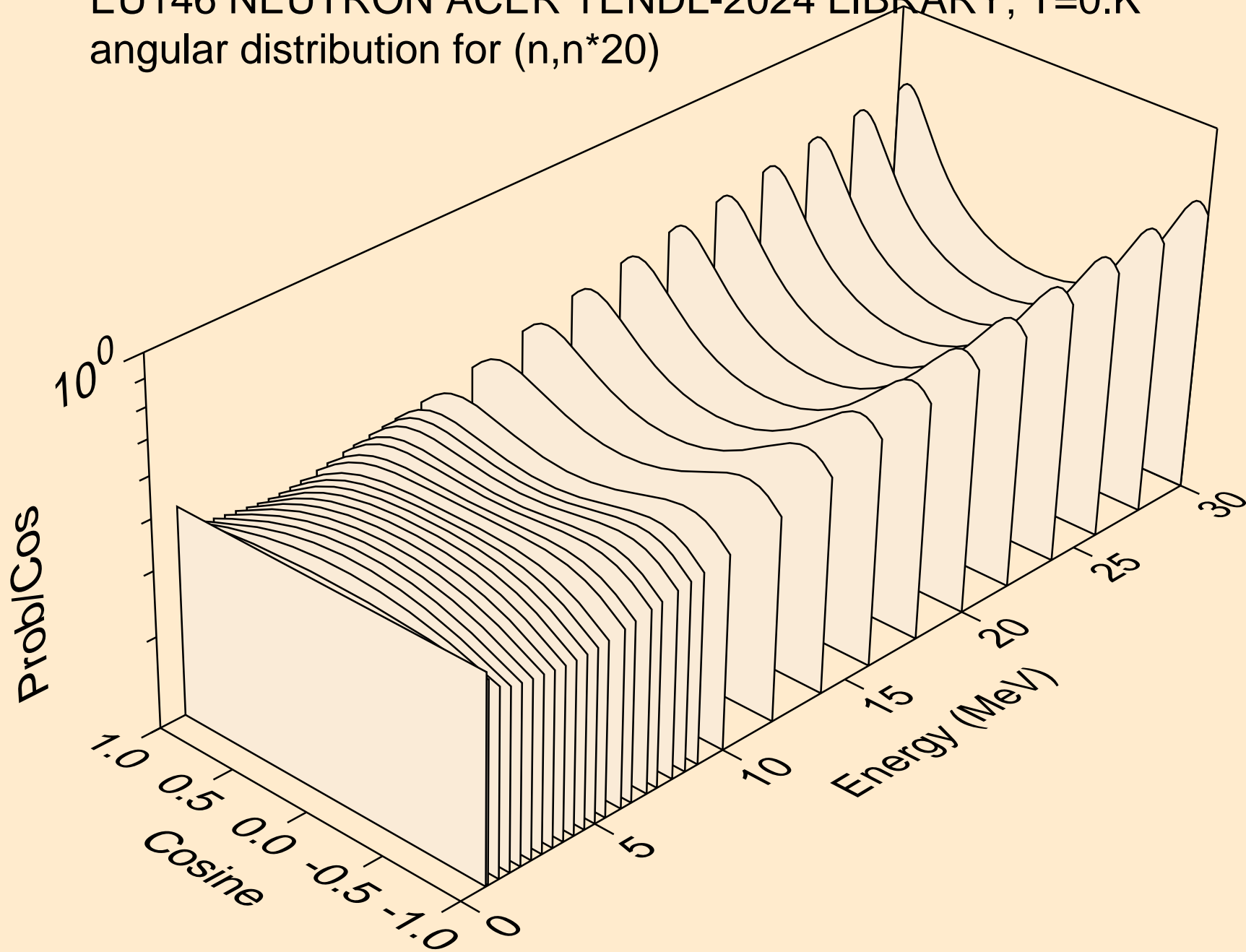
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angular distribution for (n,n\*18)



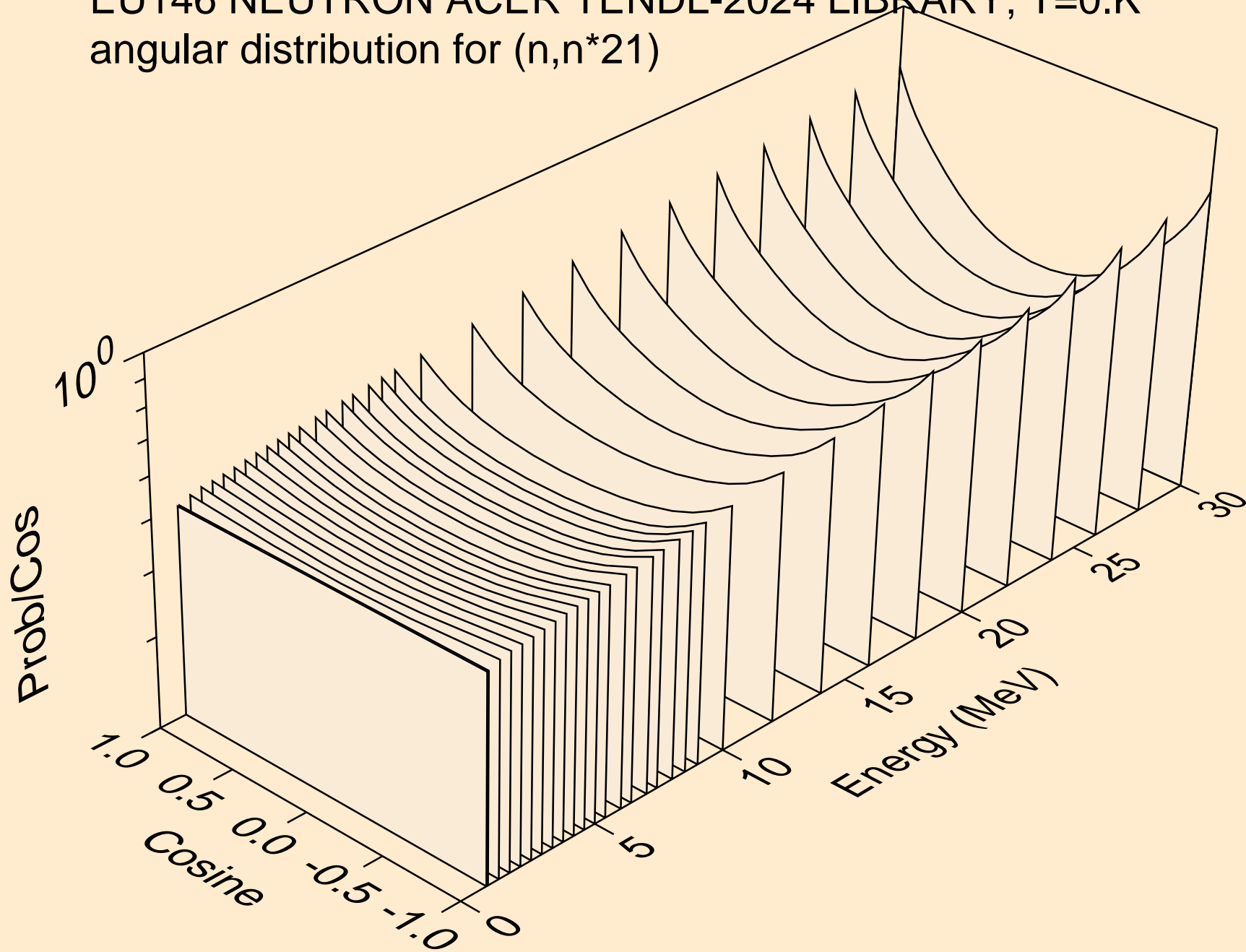
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angular distribution for (n,n\*19)



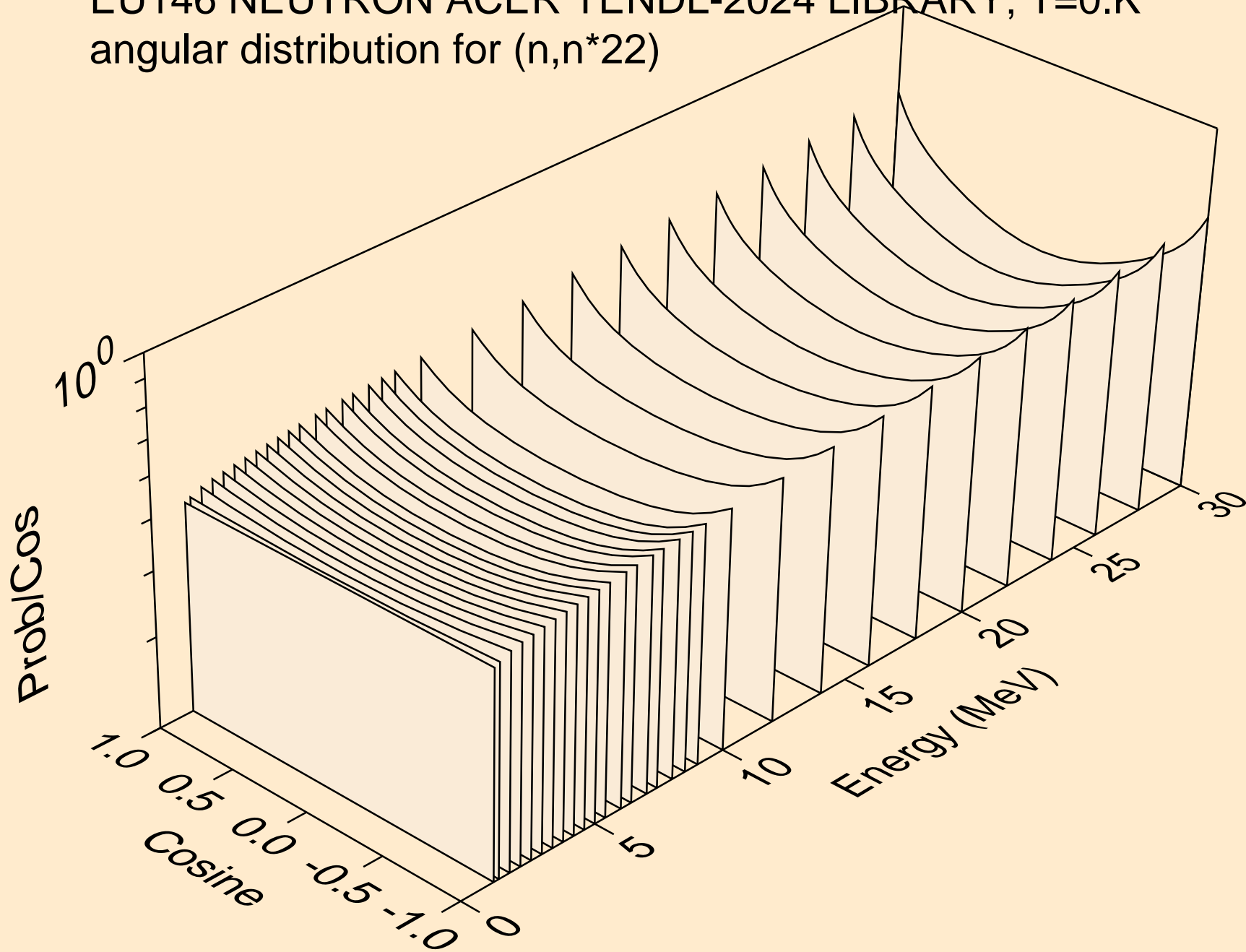
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angular distribution for (n,n\*20)



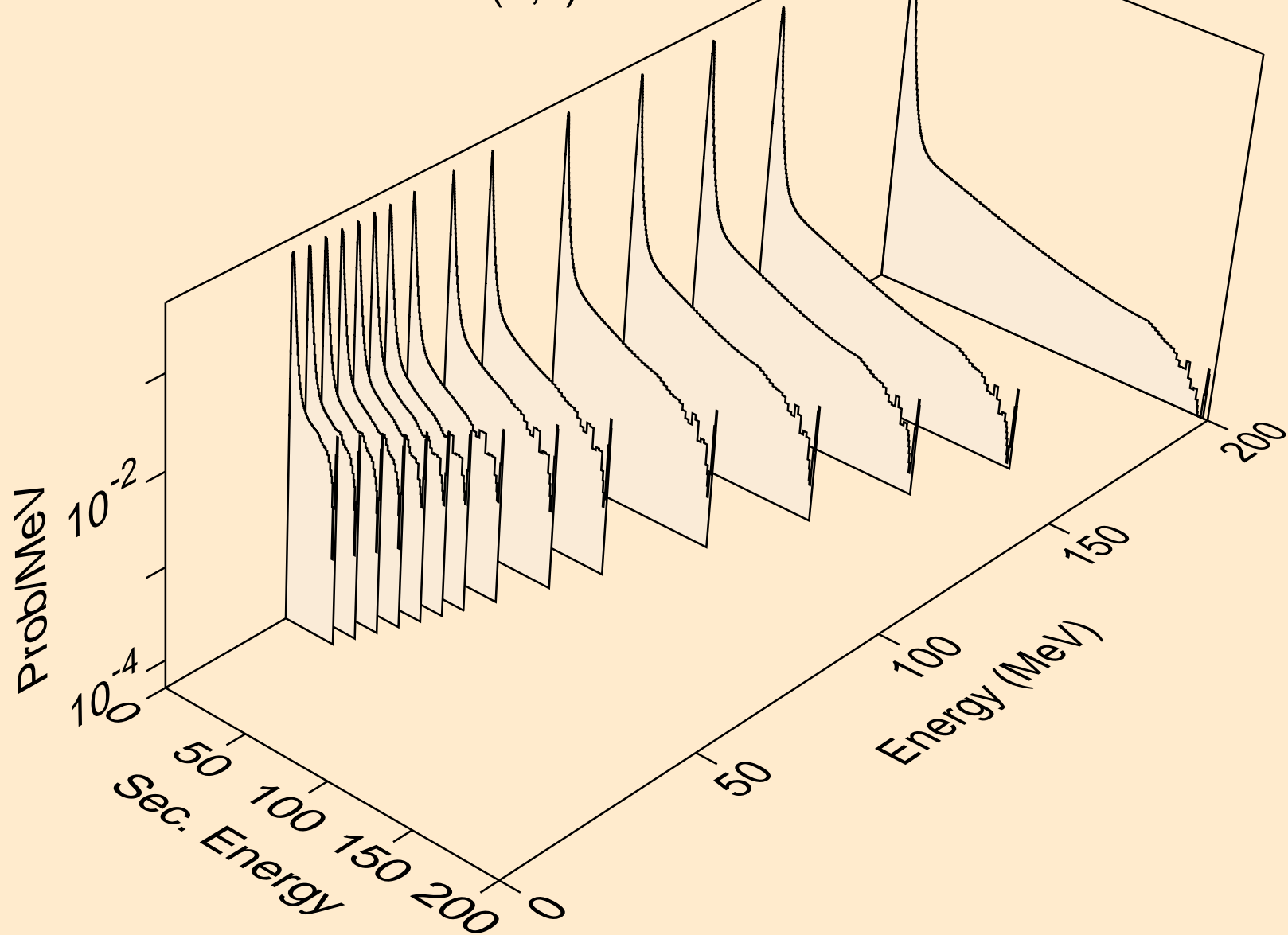
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angular distribution for (n,n\*21)



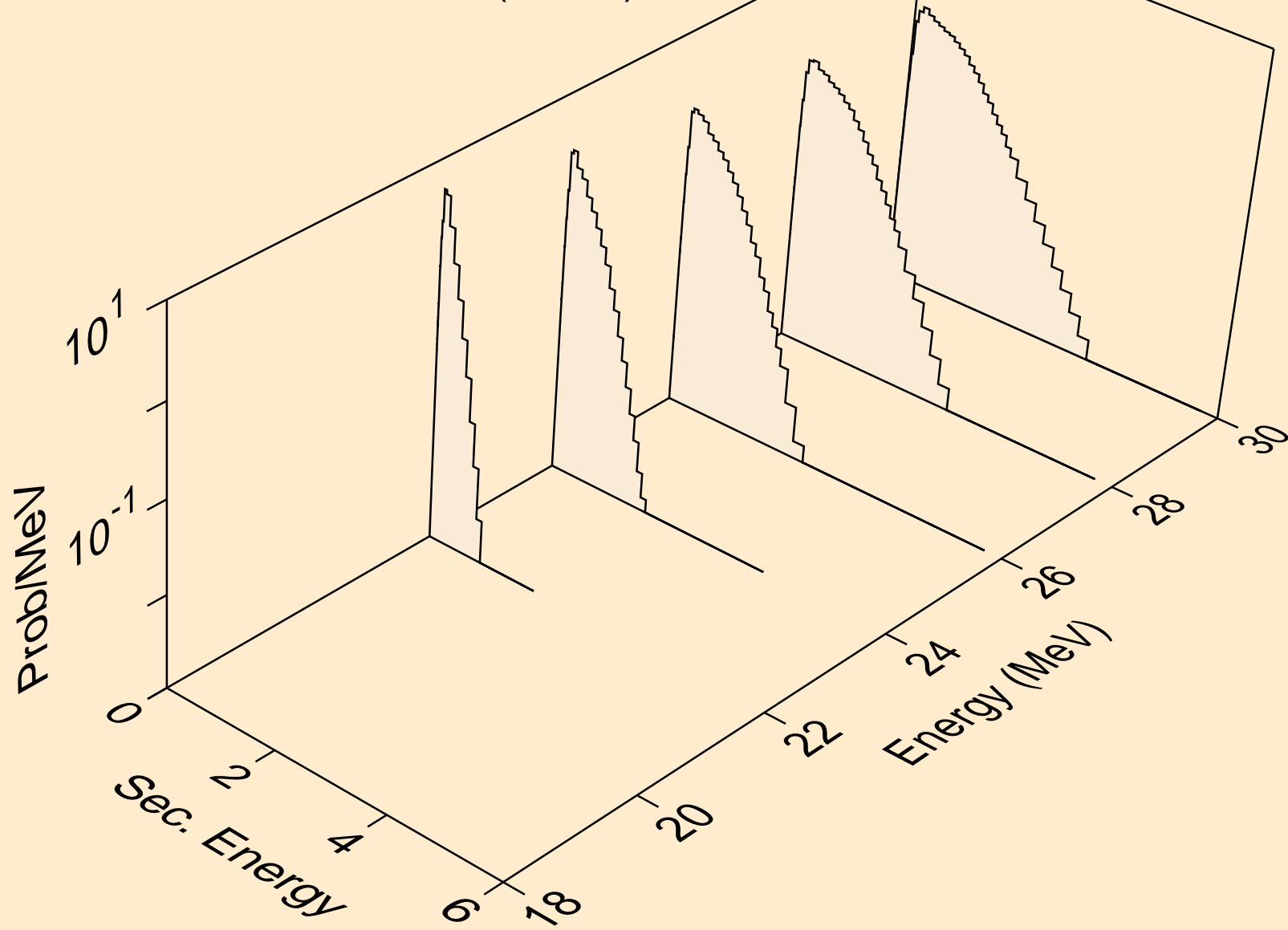
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



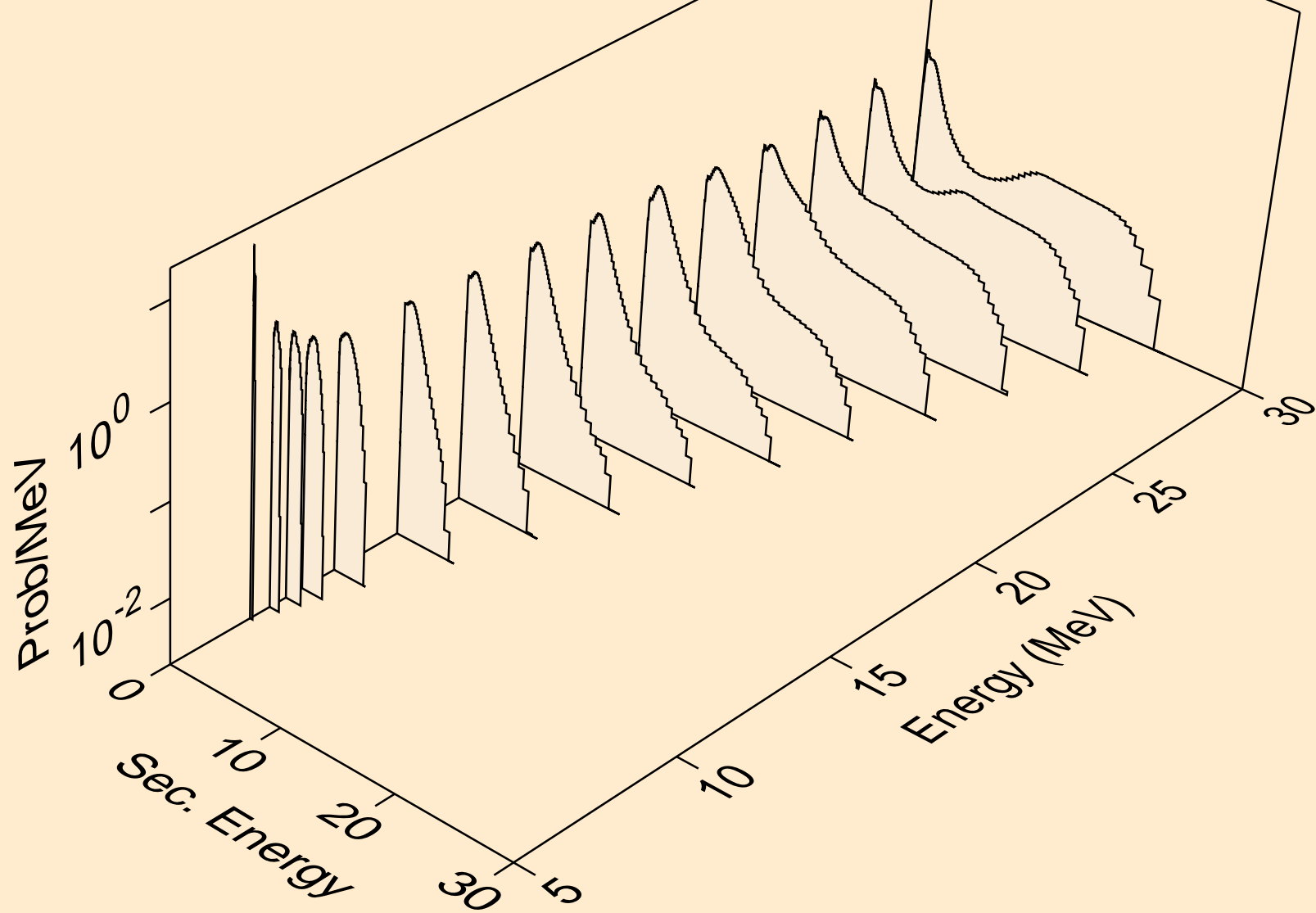
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

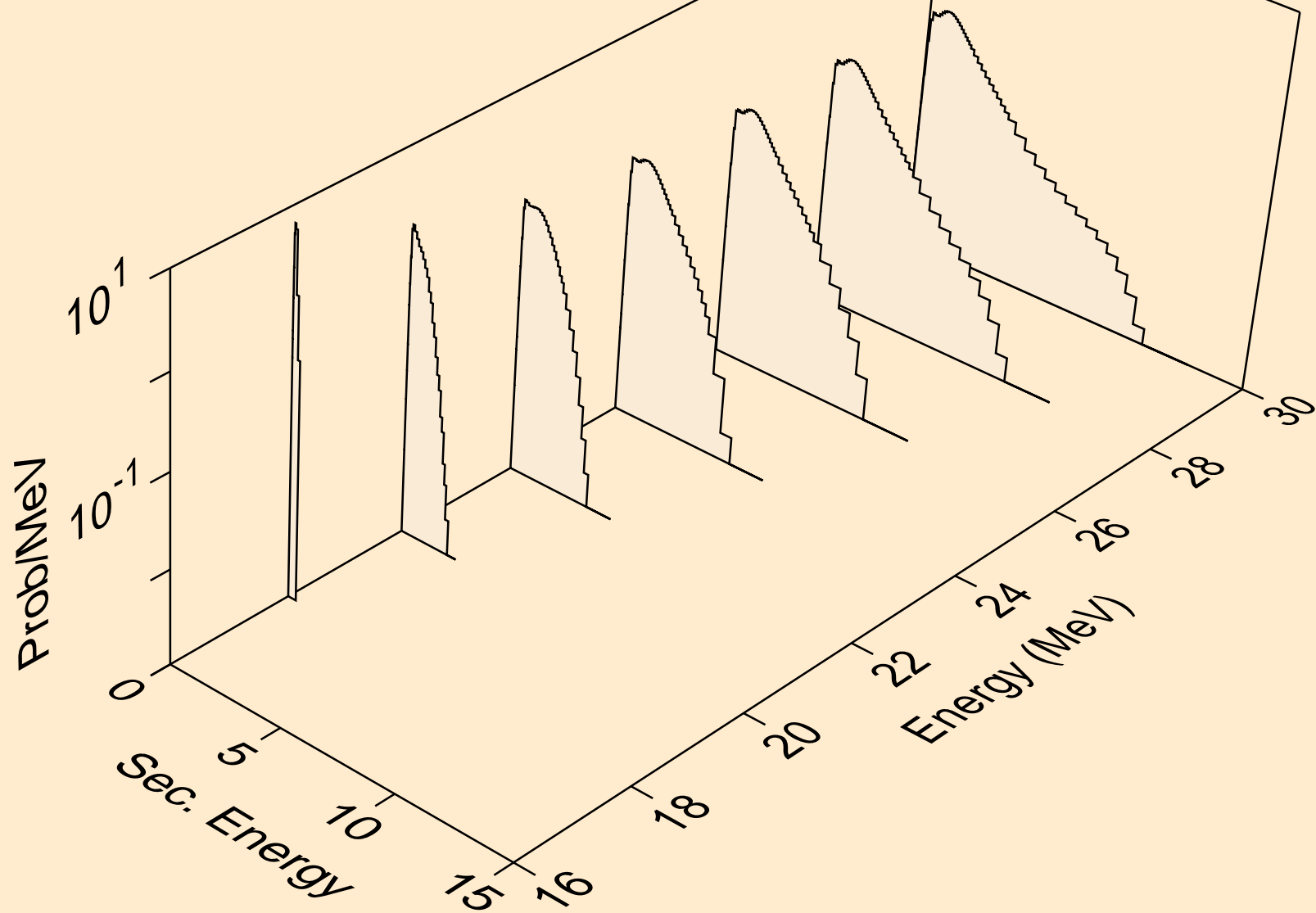


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

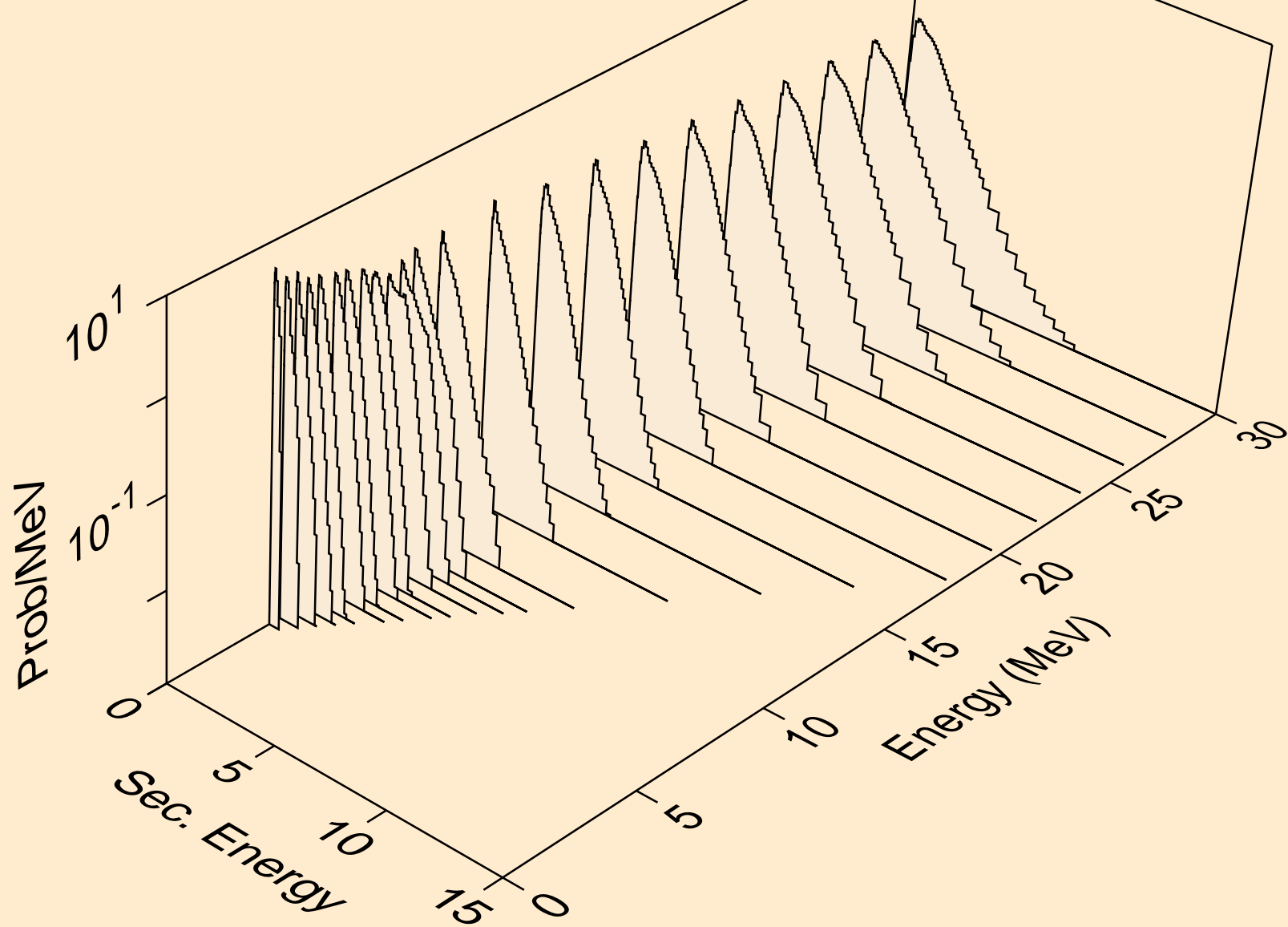




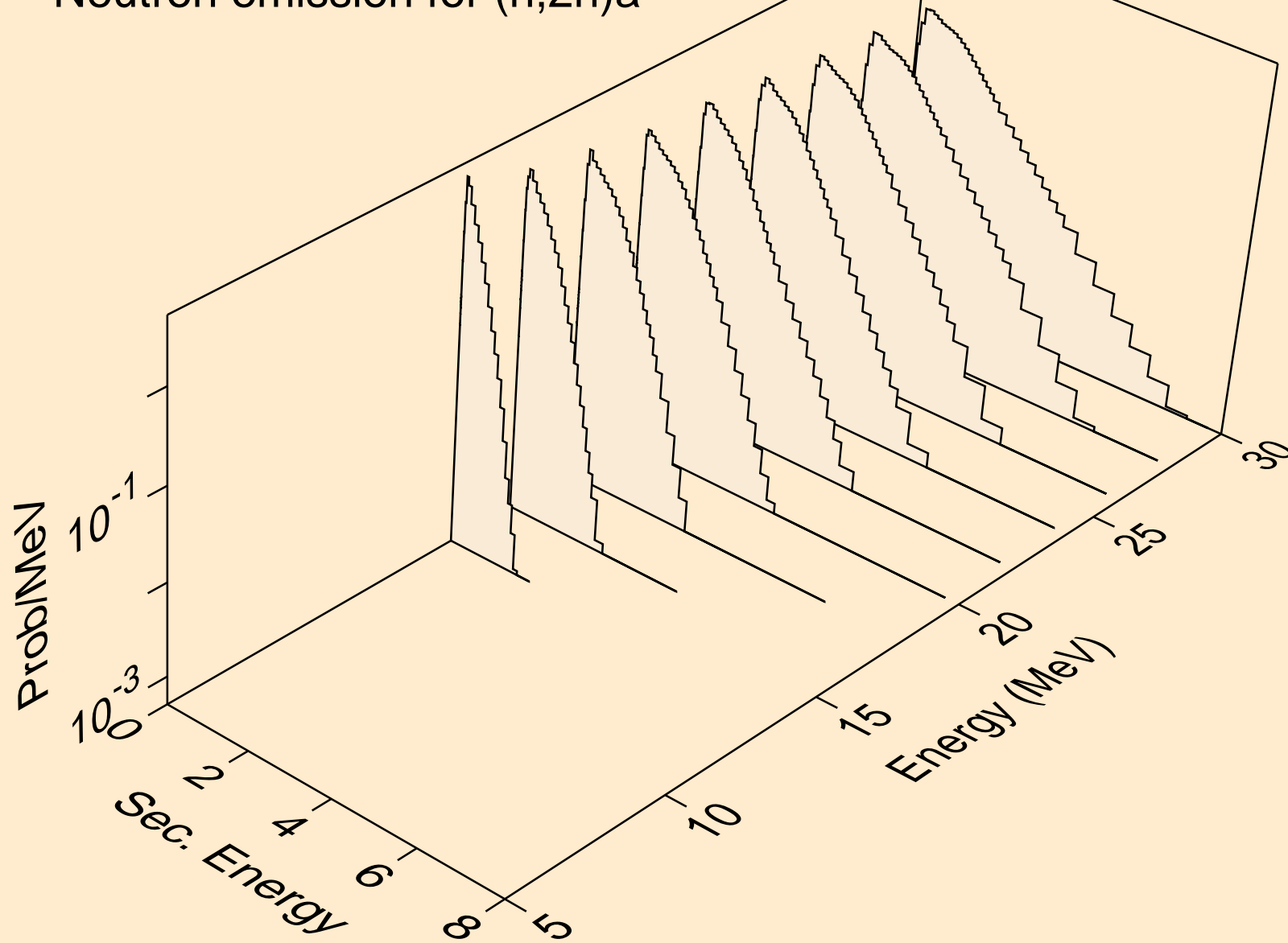
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



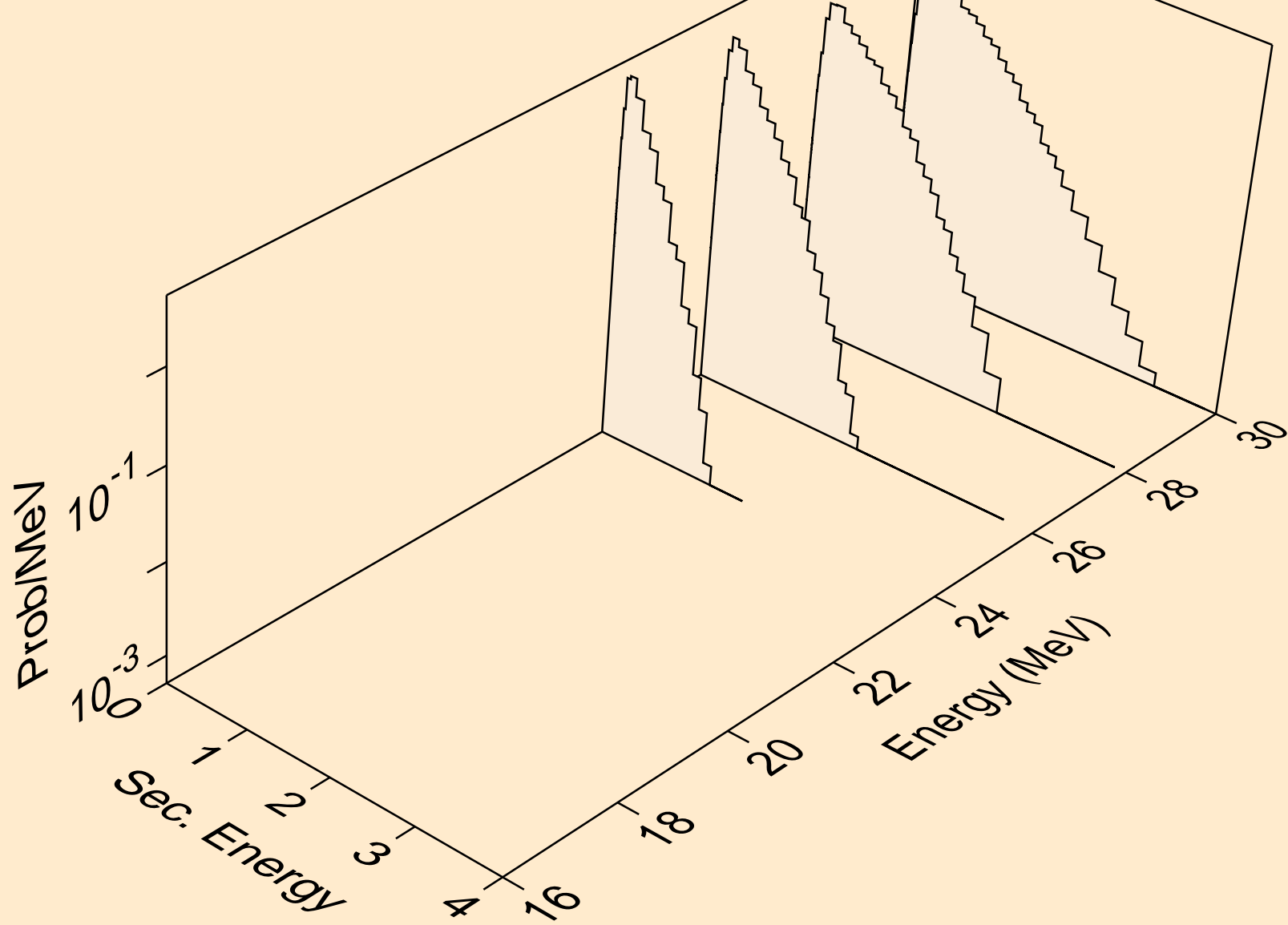
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



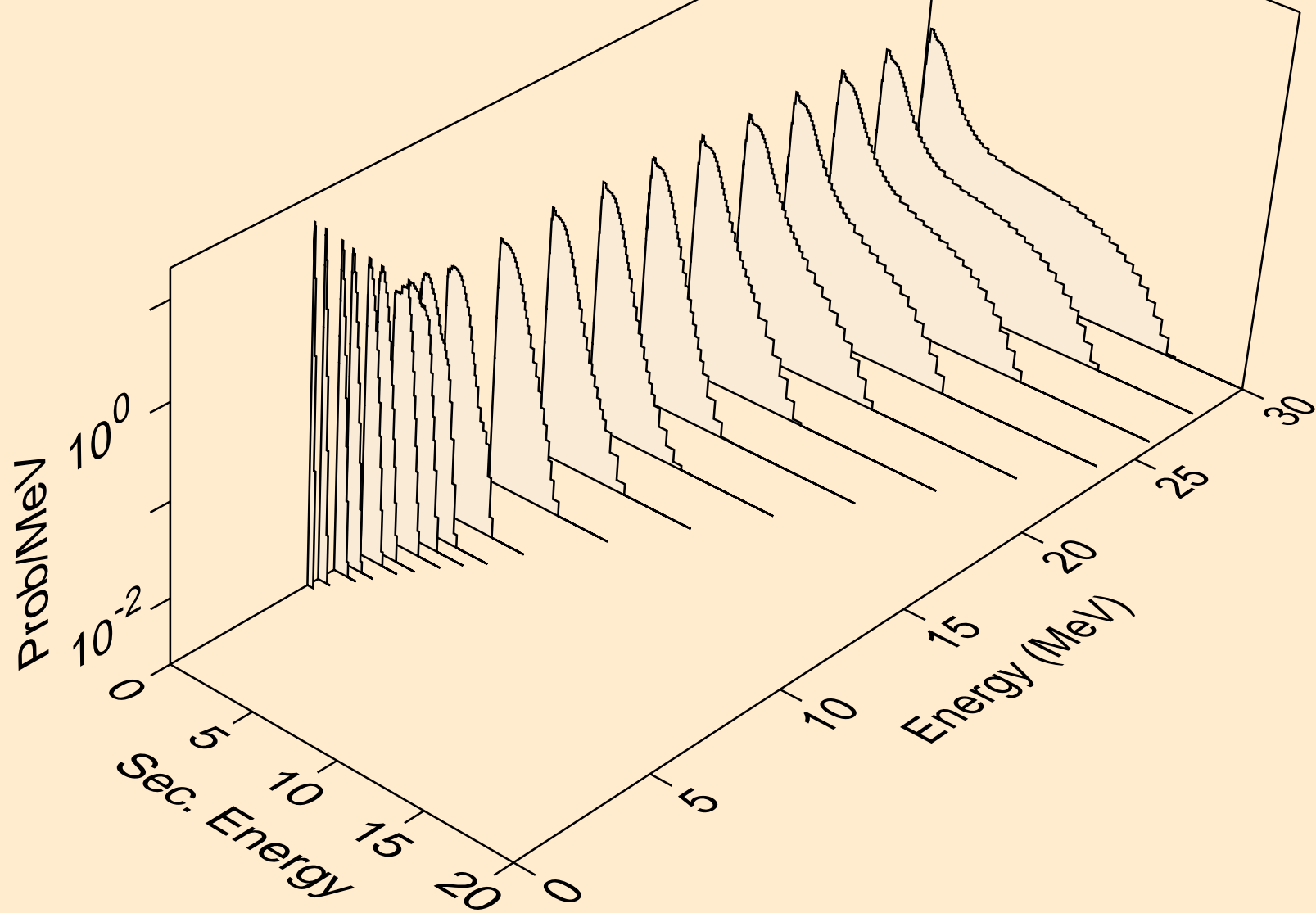
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



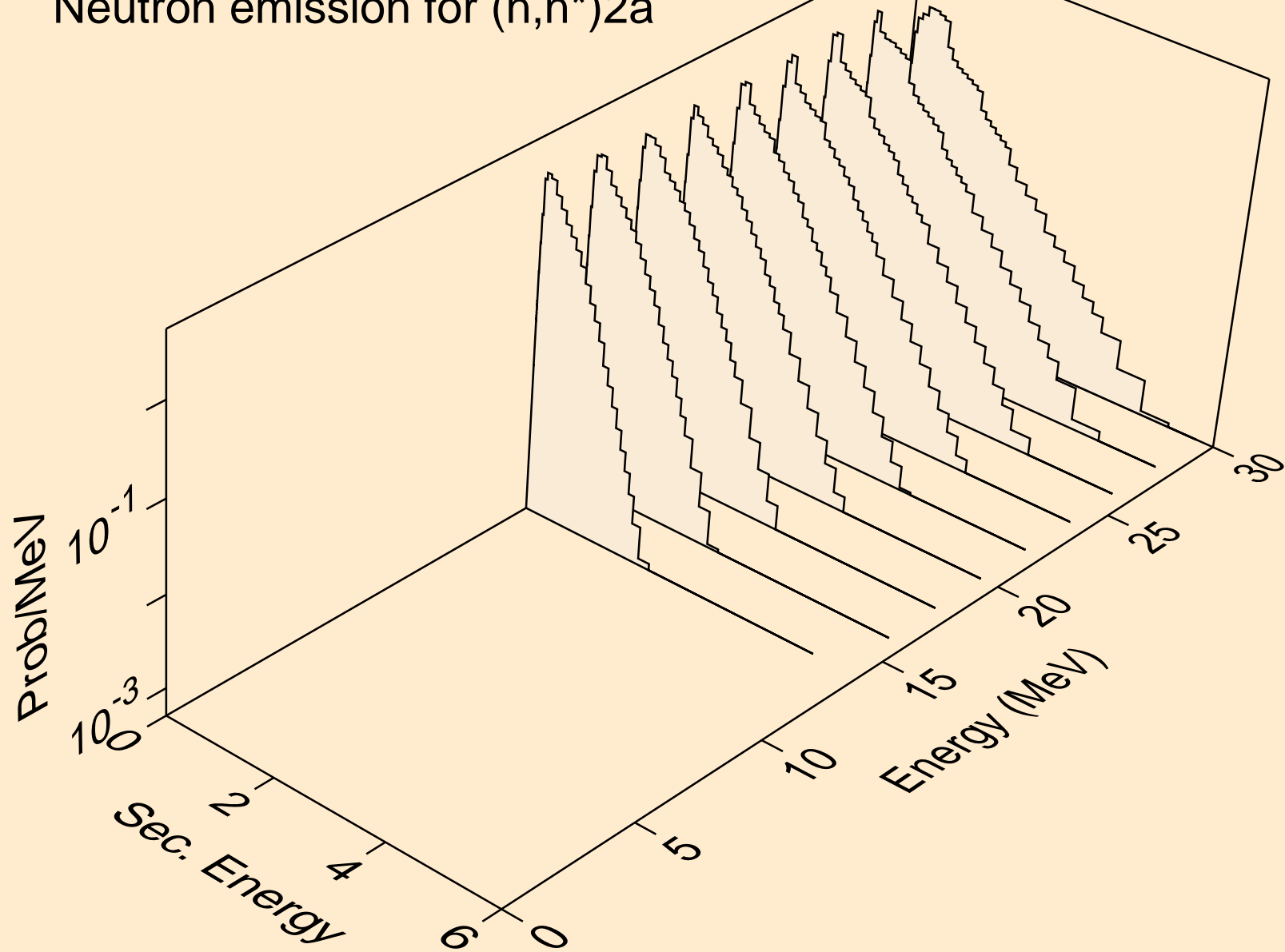
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



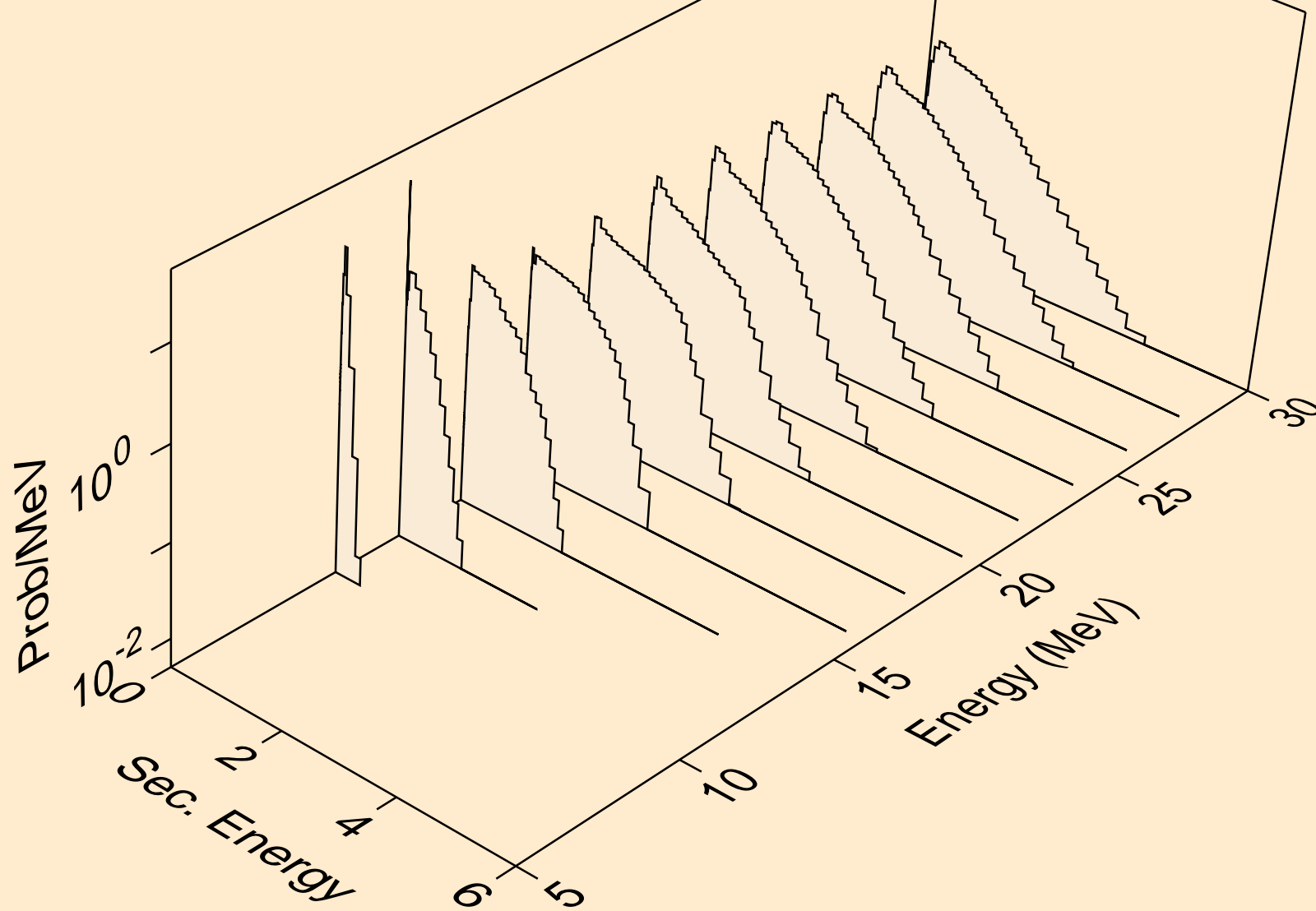
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



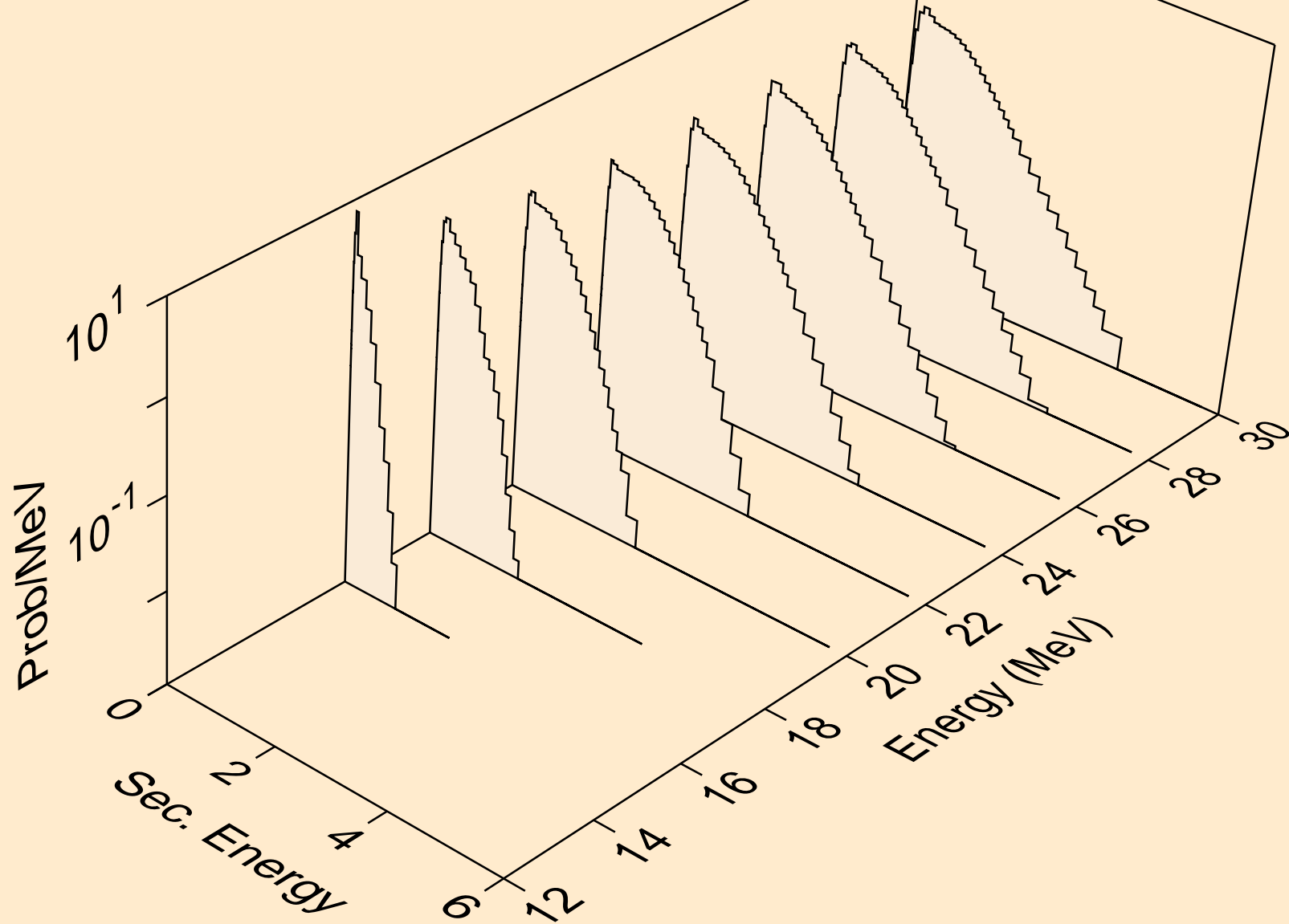
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

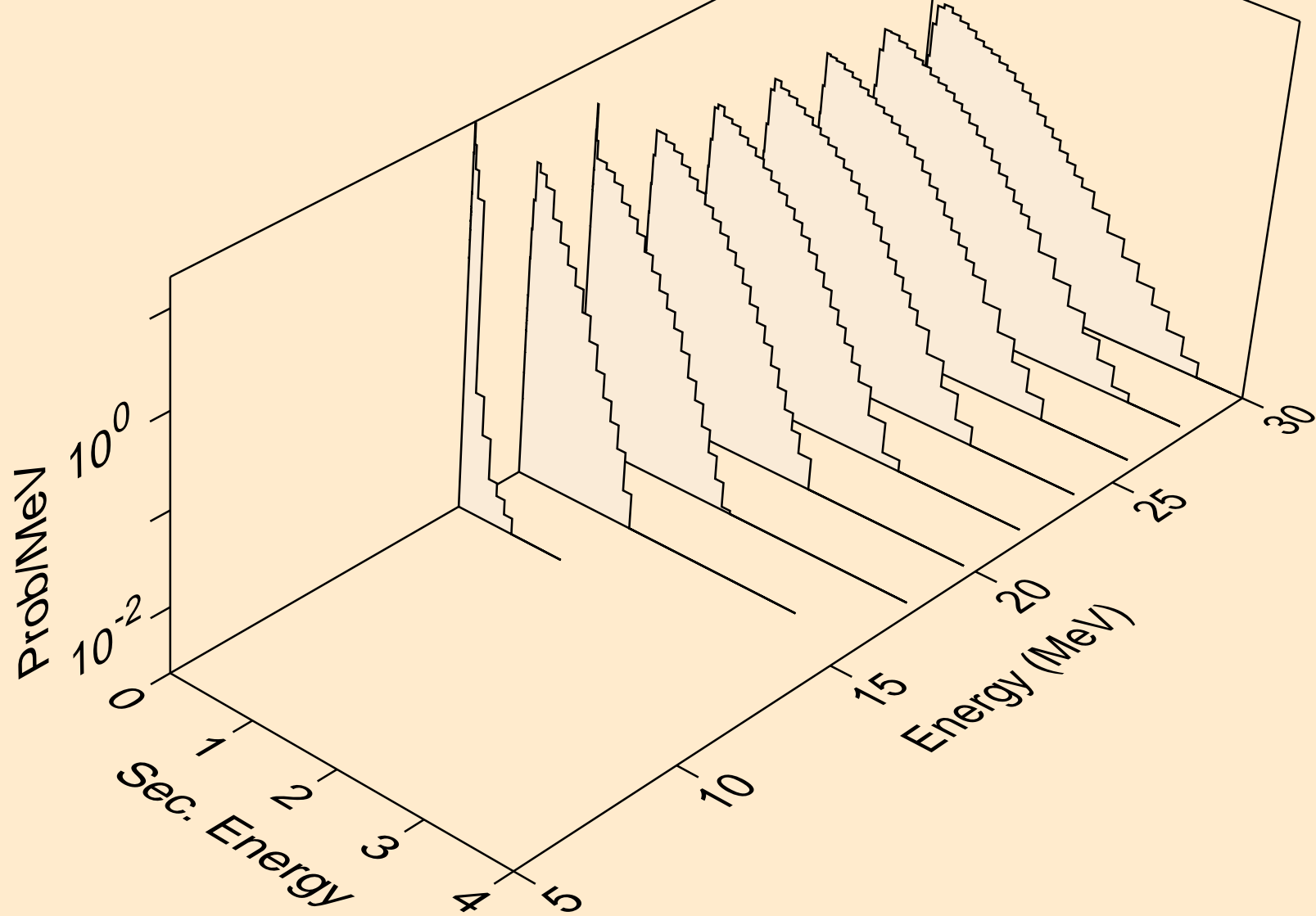


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

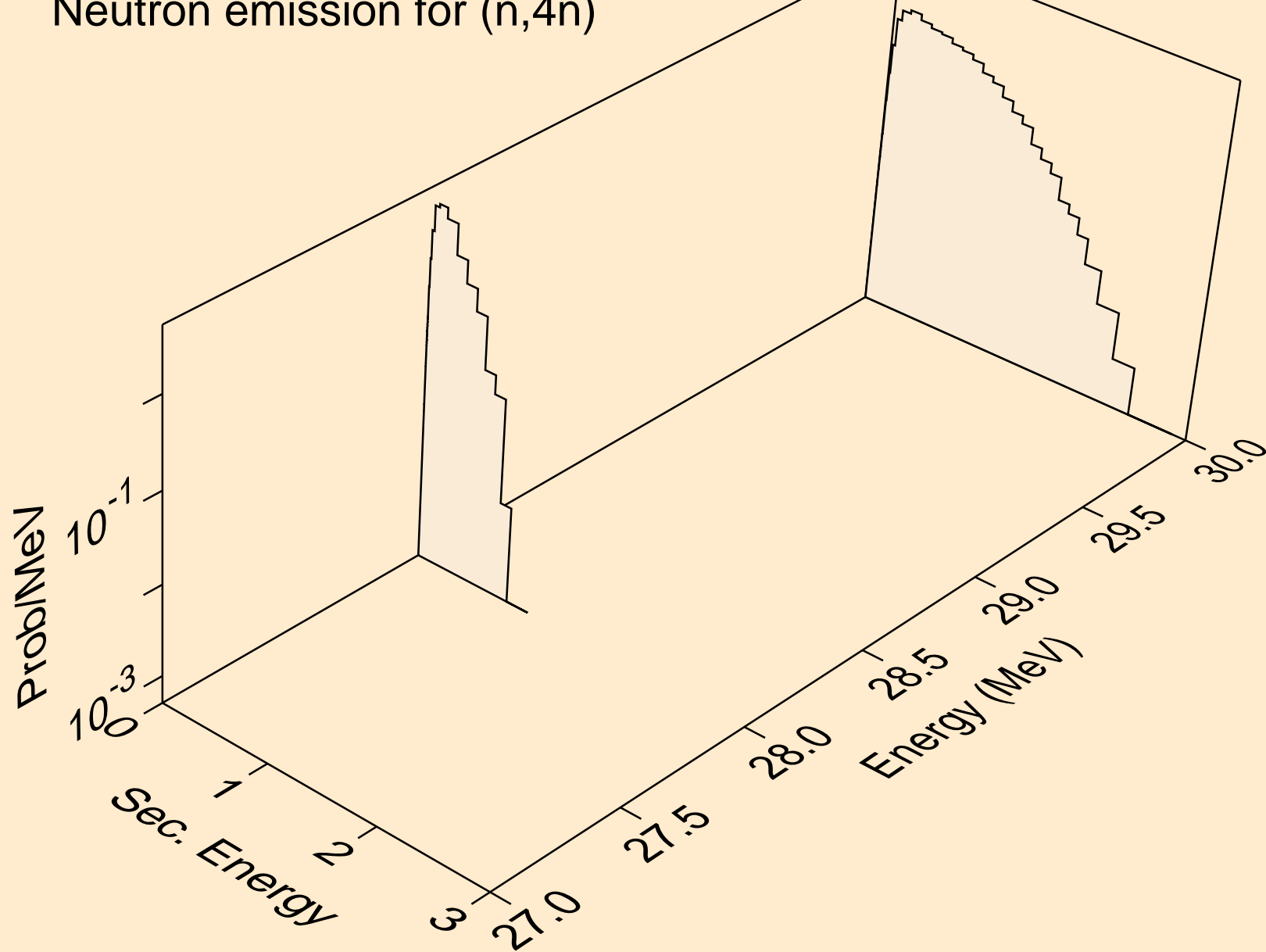




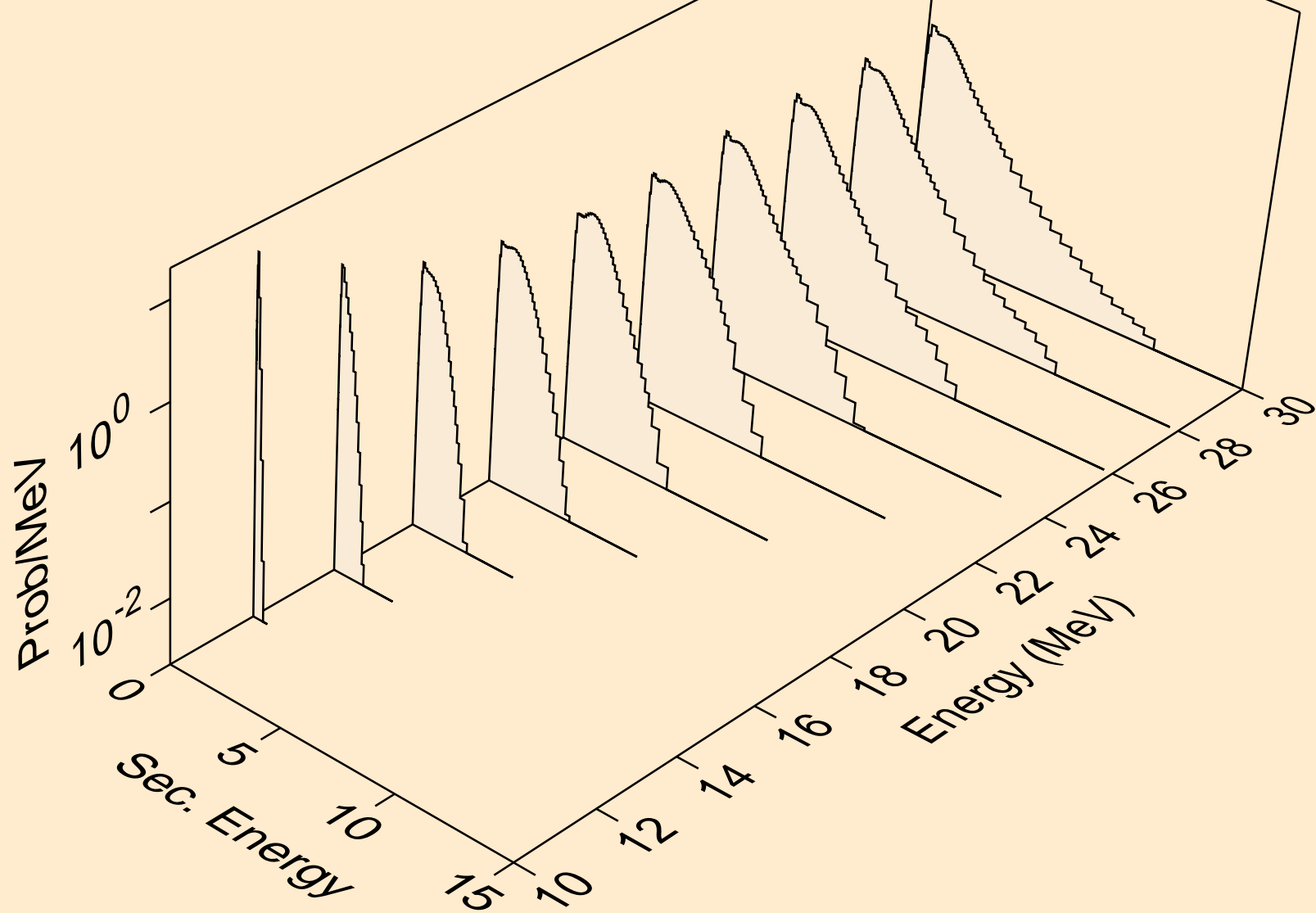
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



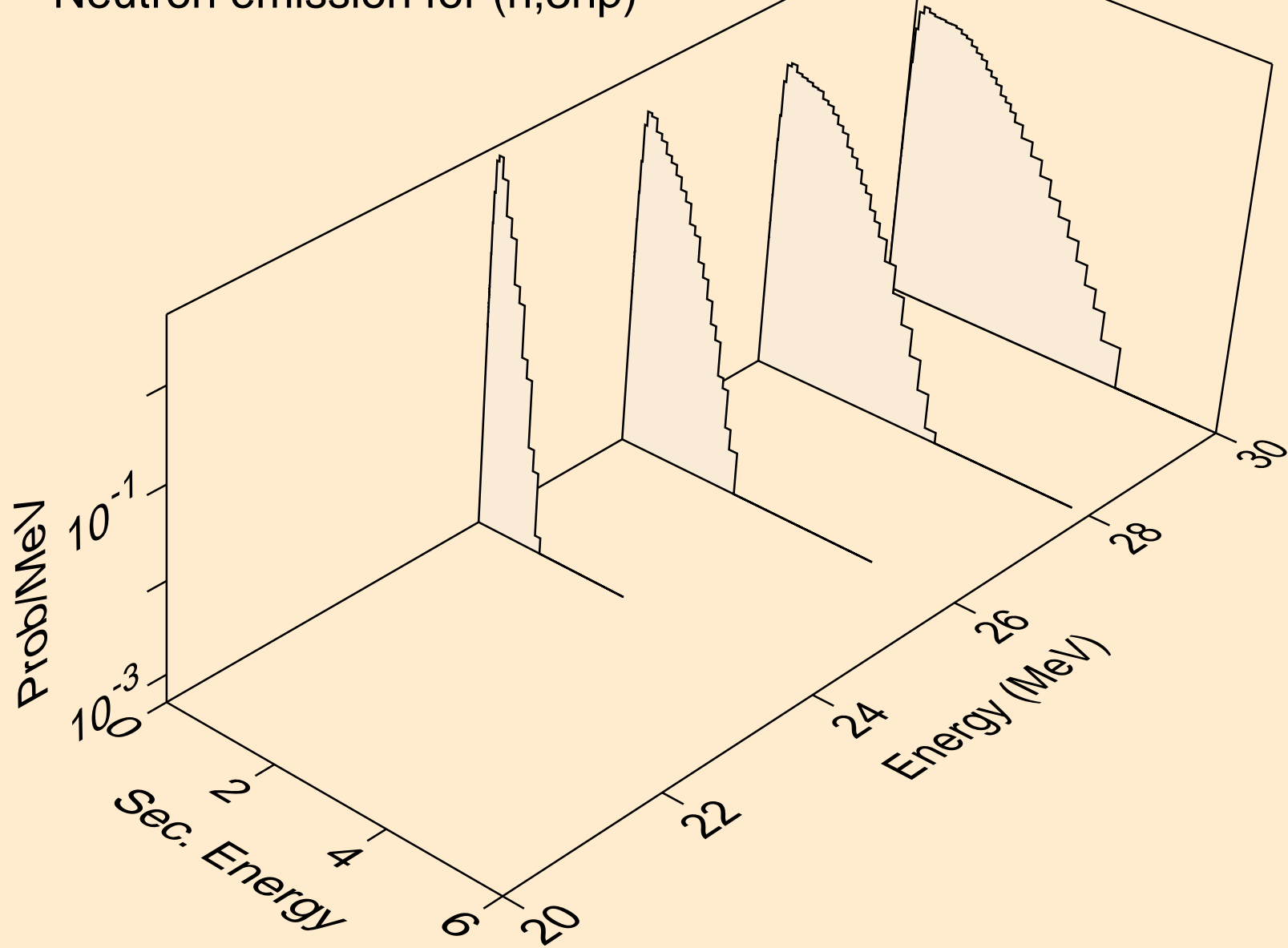
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



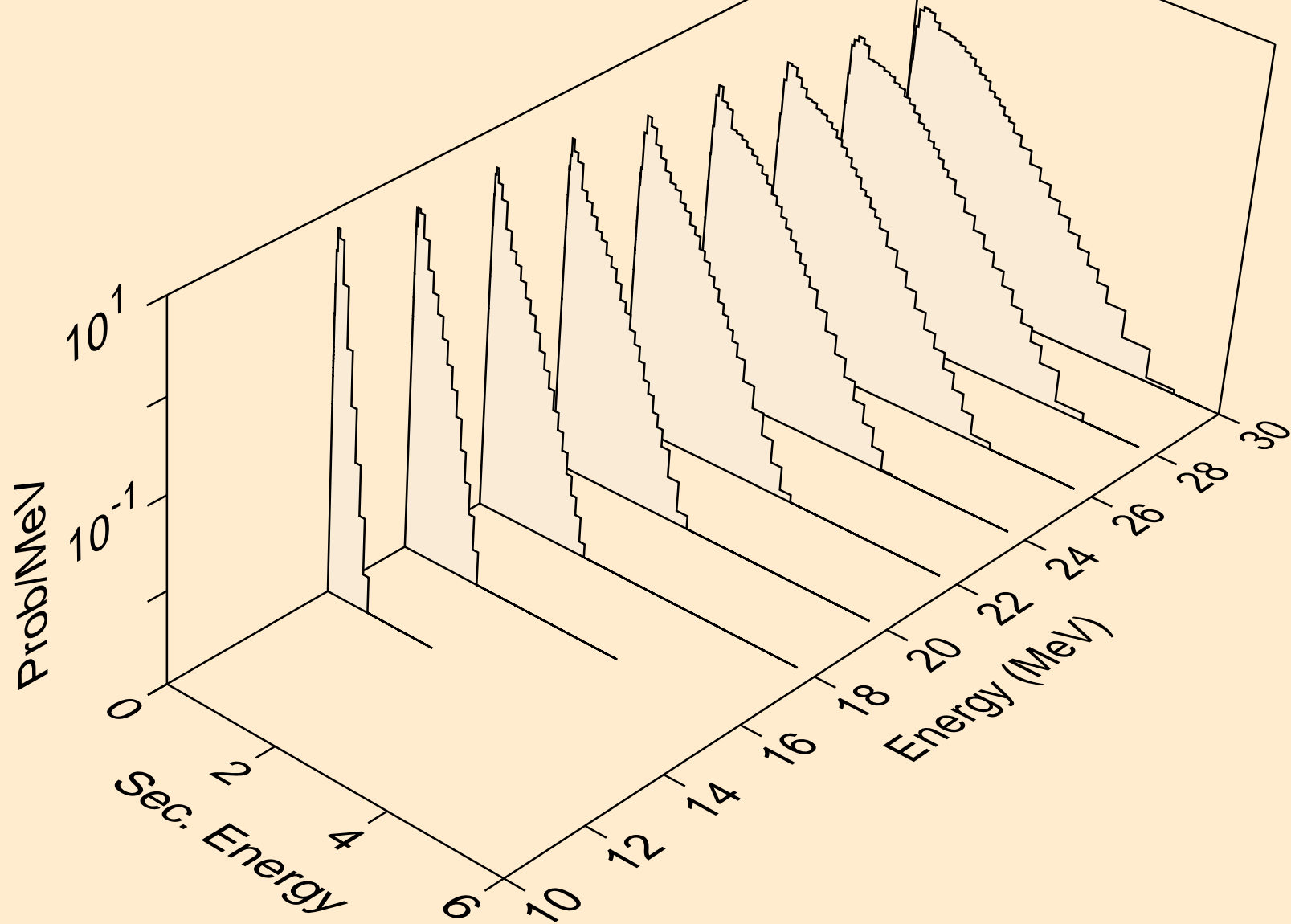
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



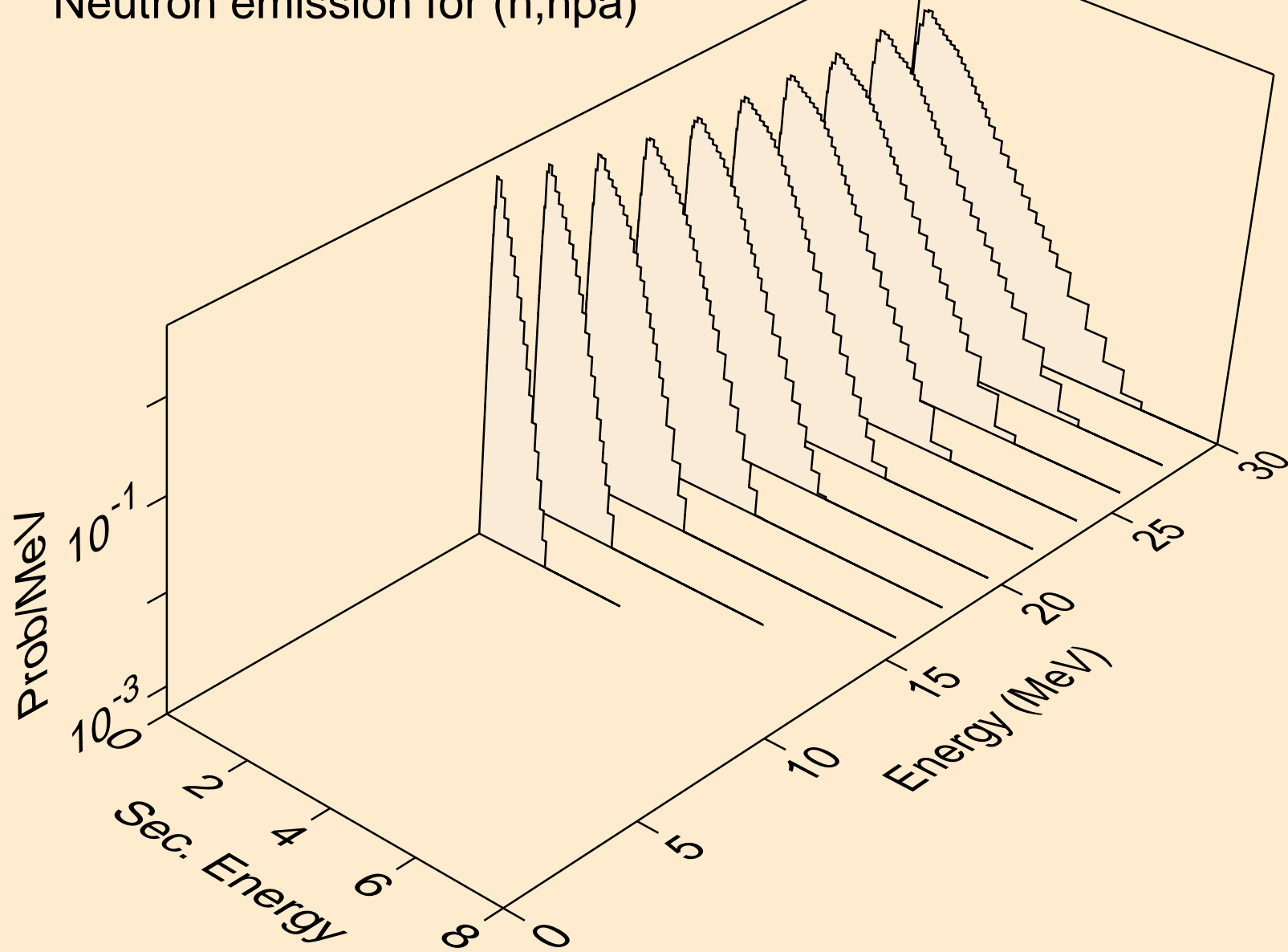
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



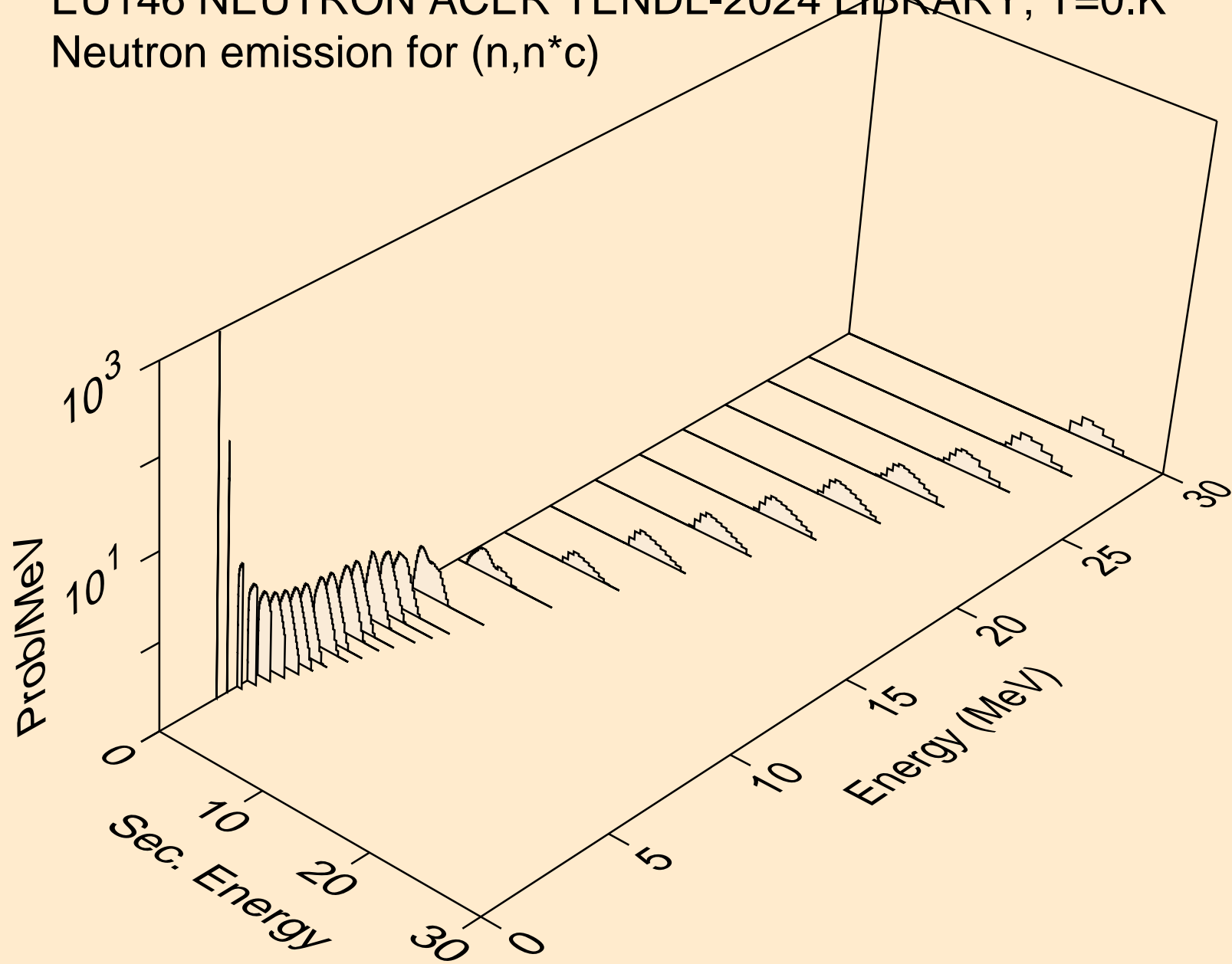
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



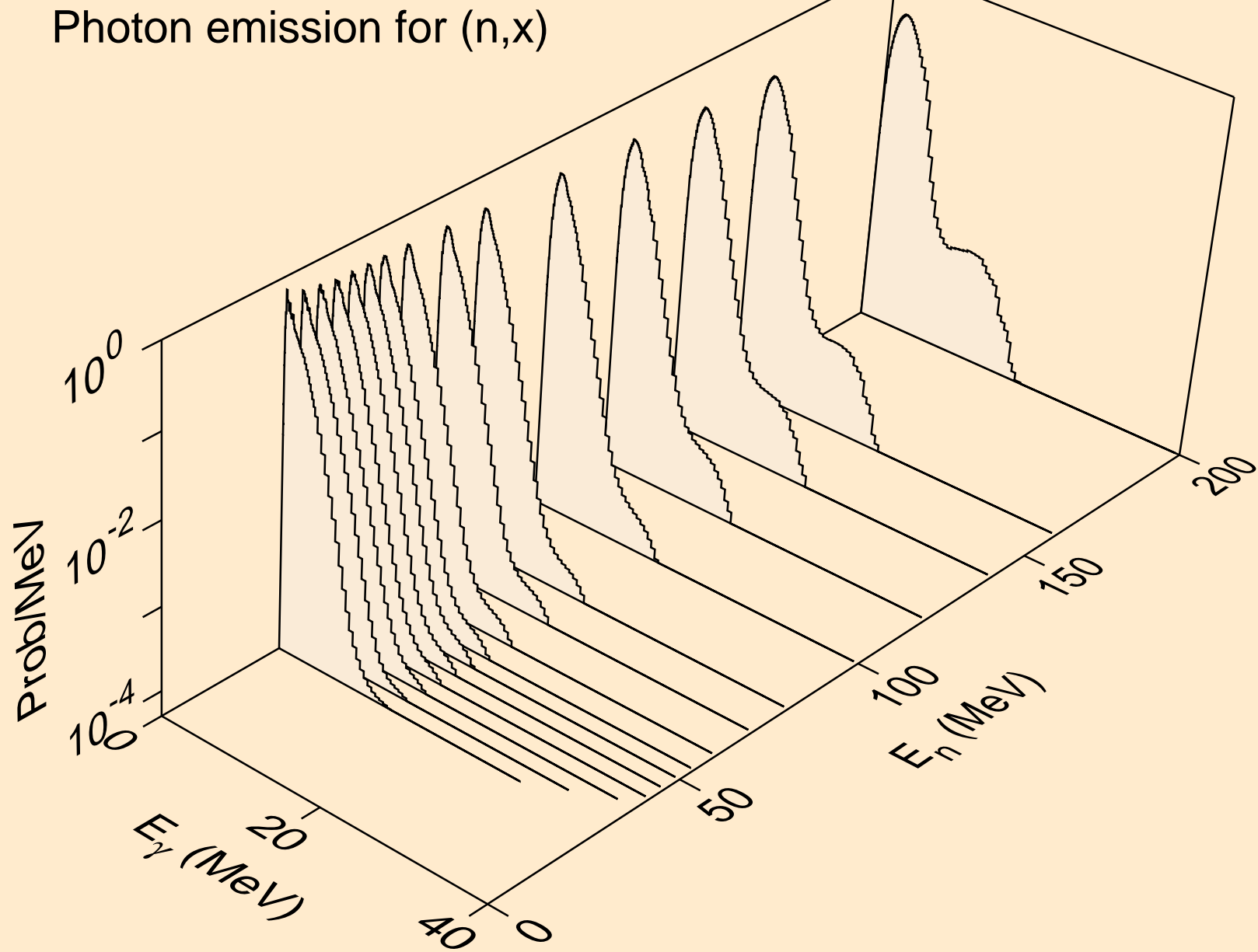
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

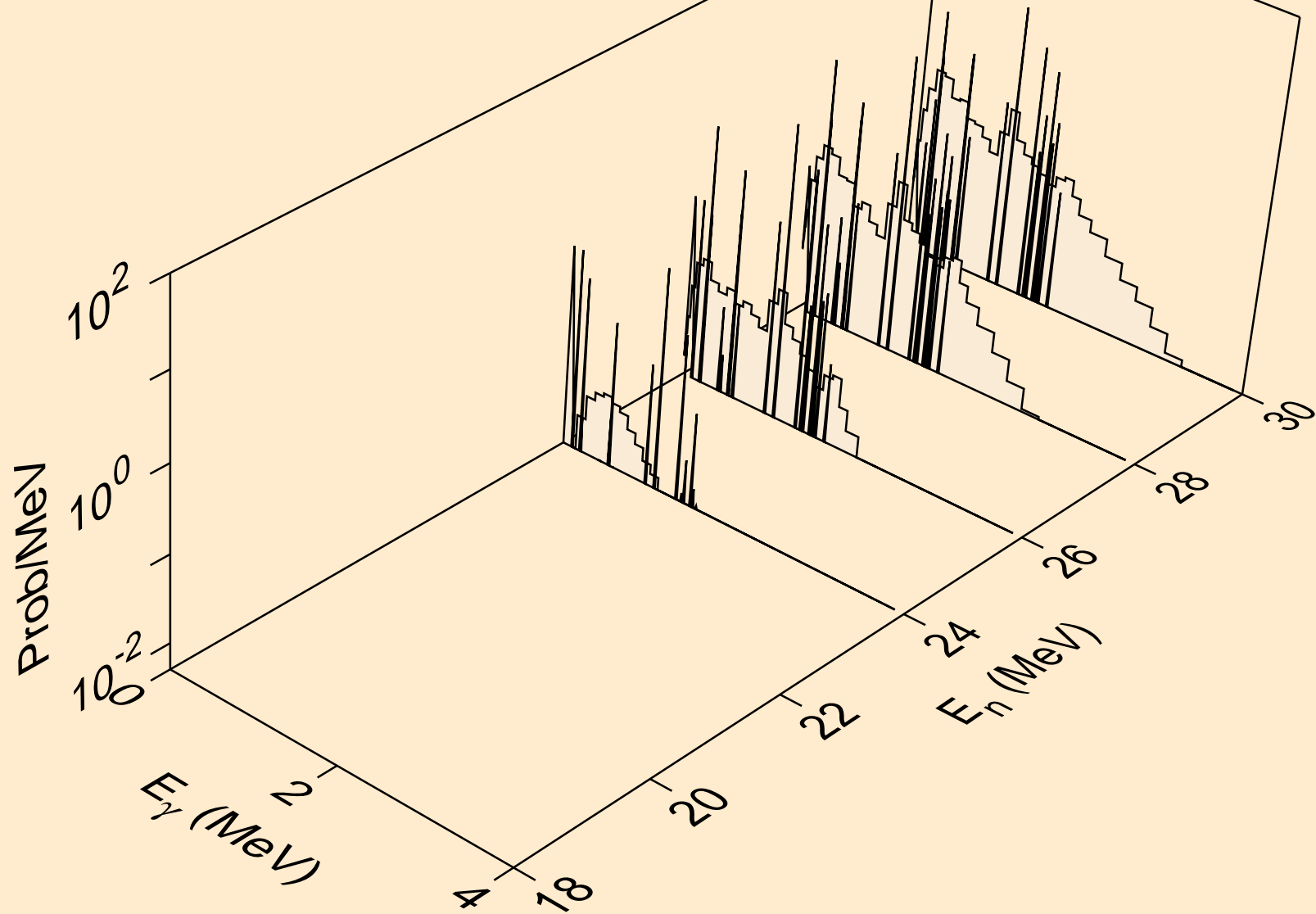


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

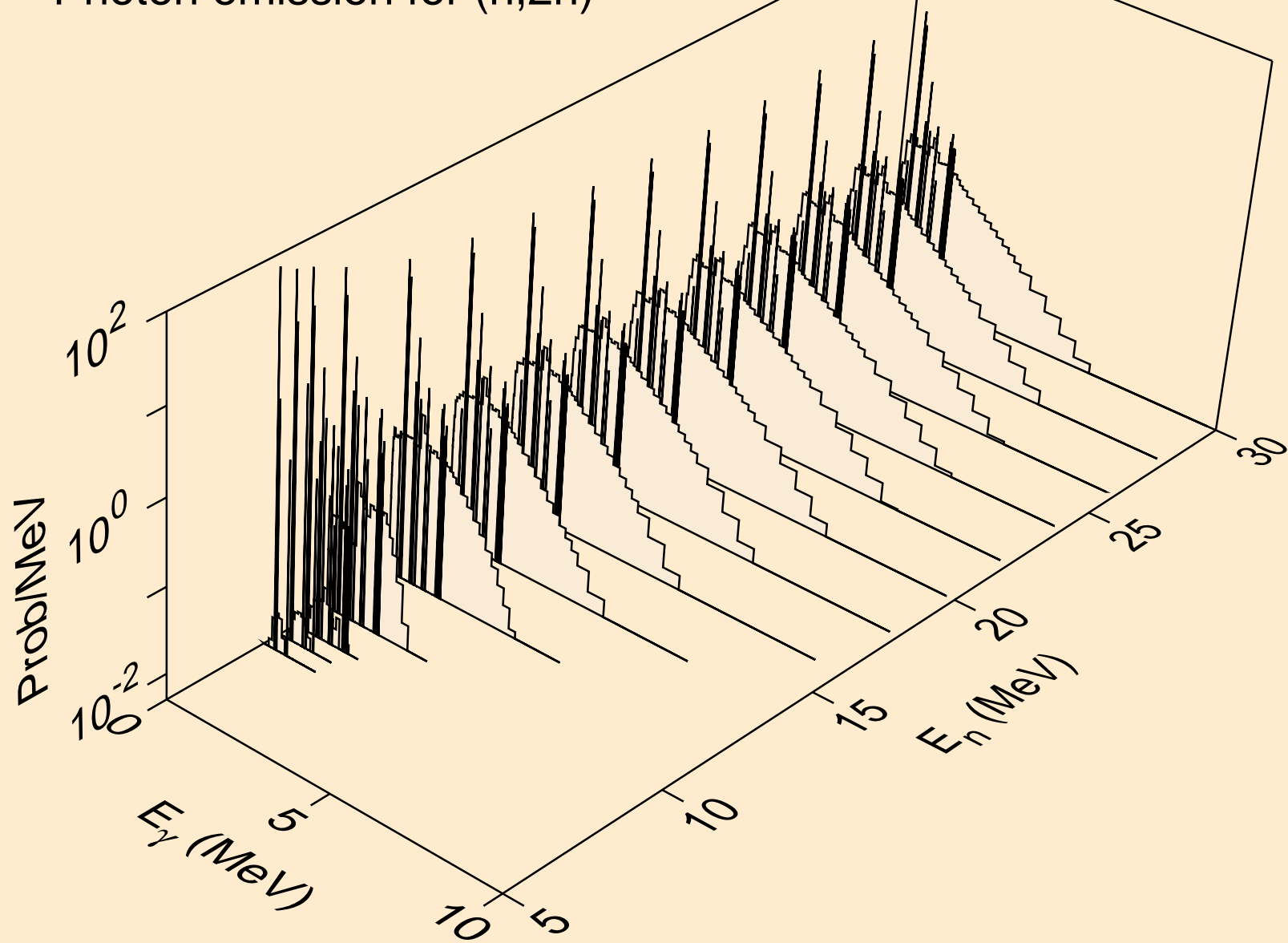




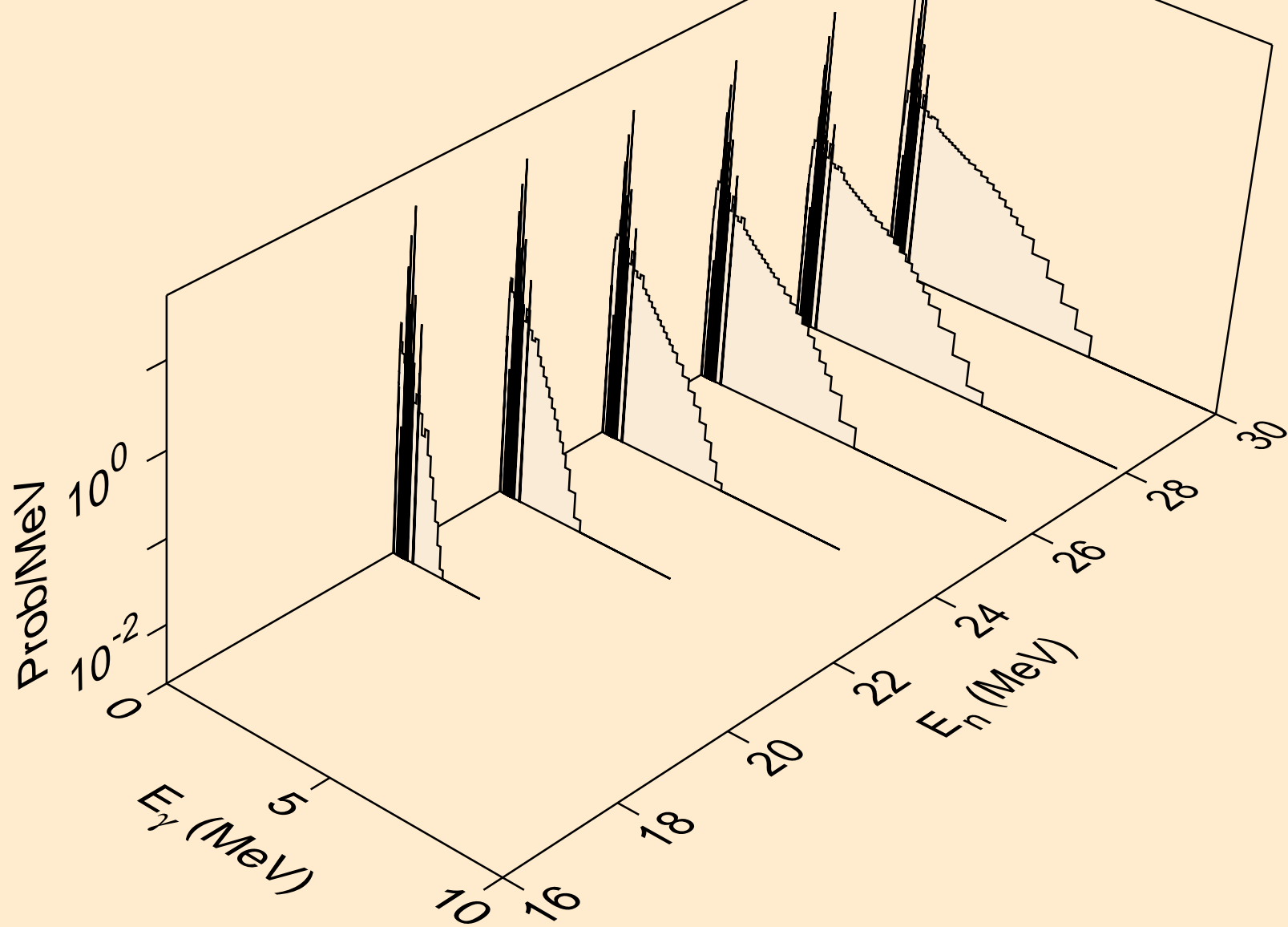
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



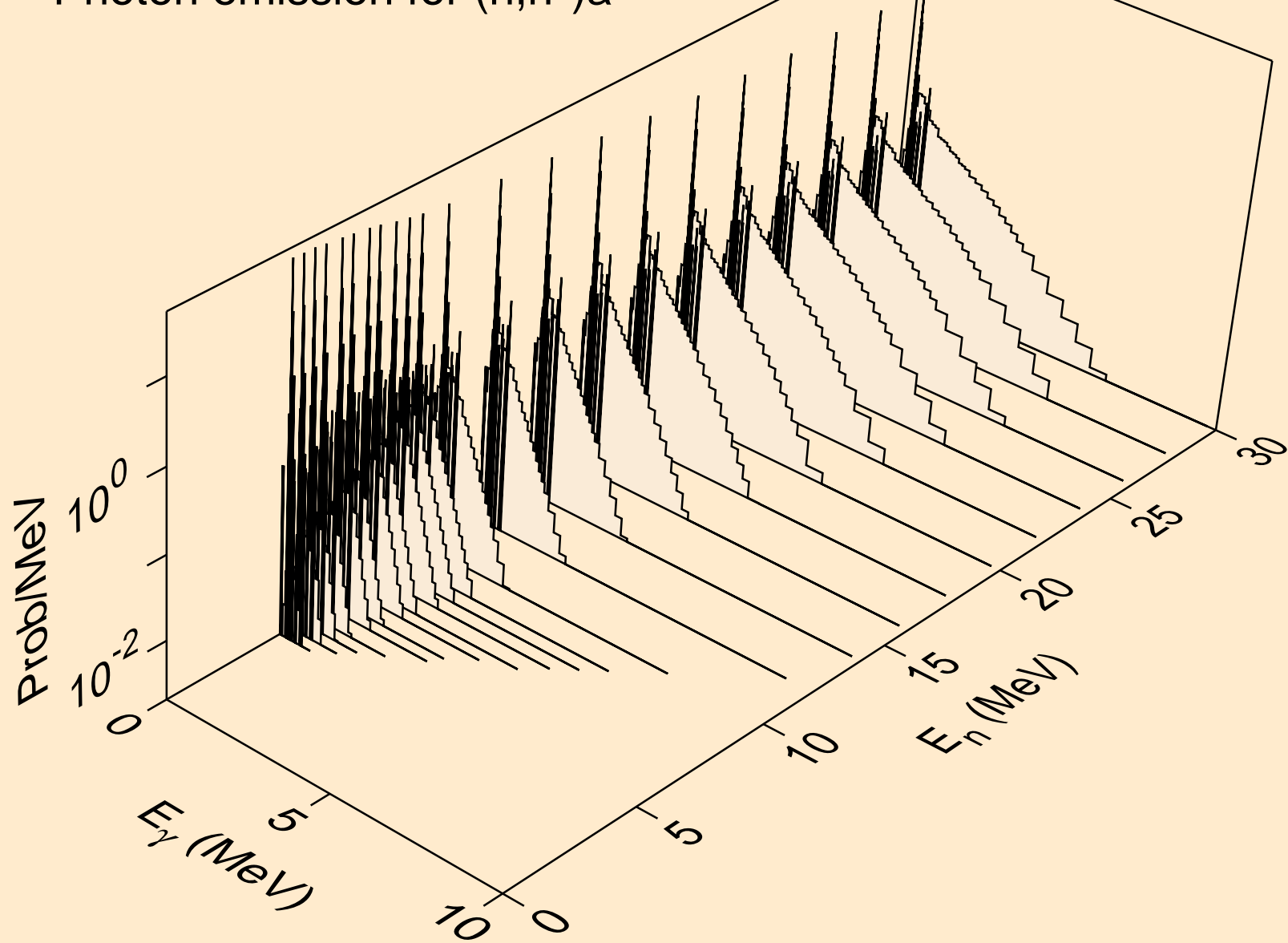
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



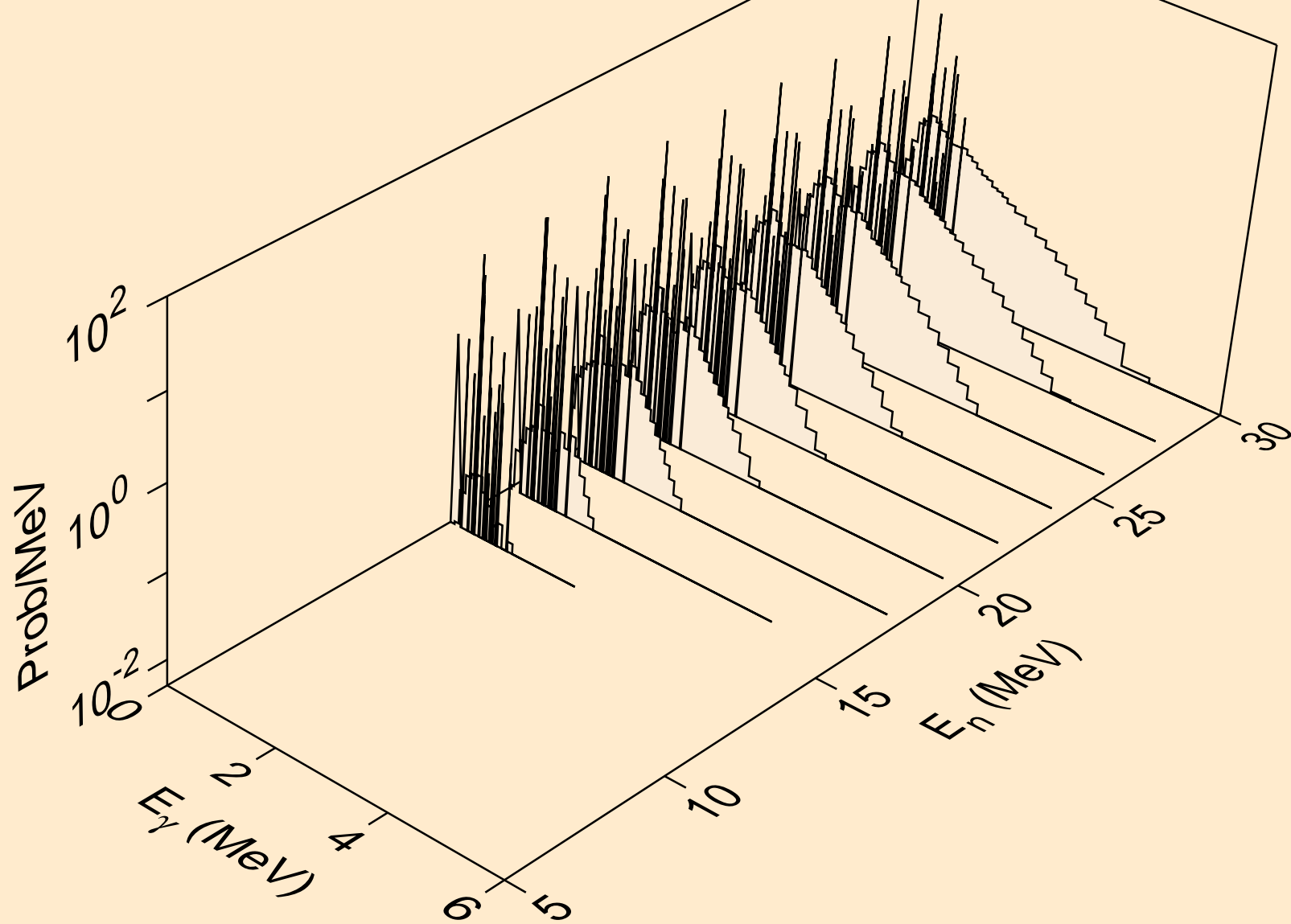
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



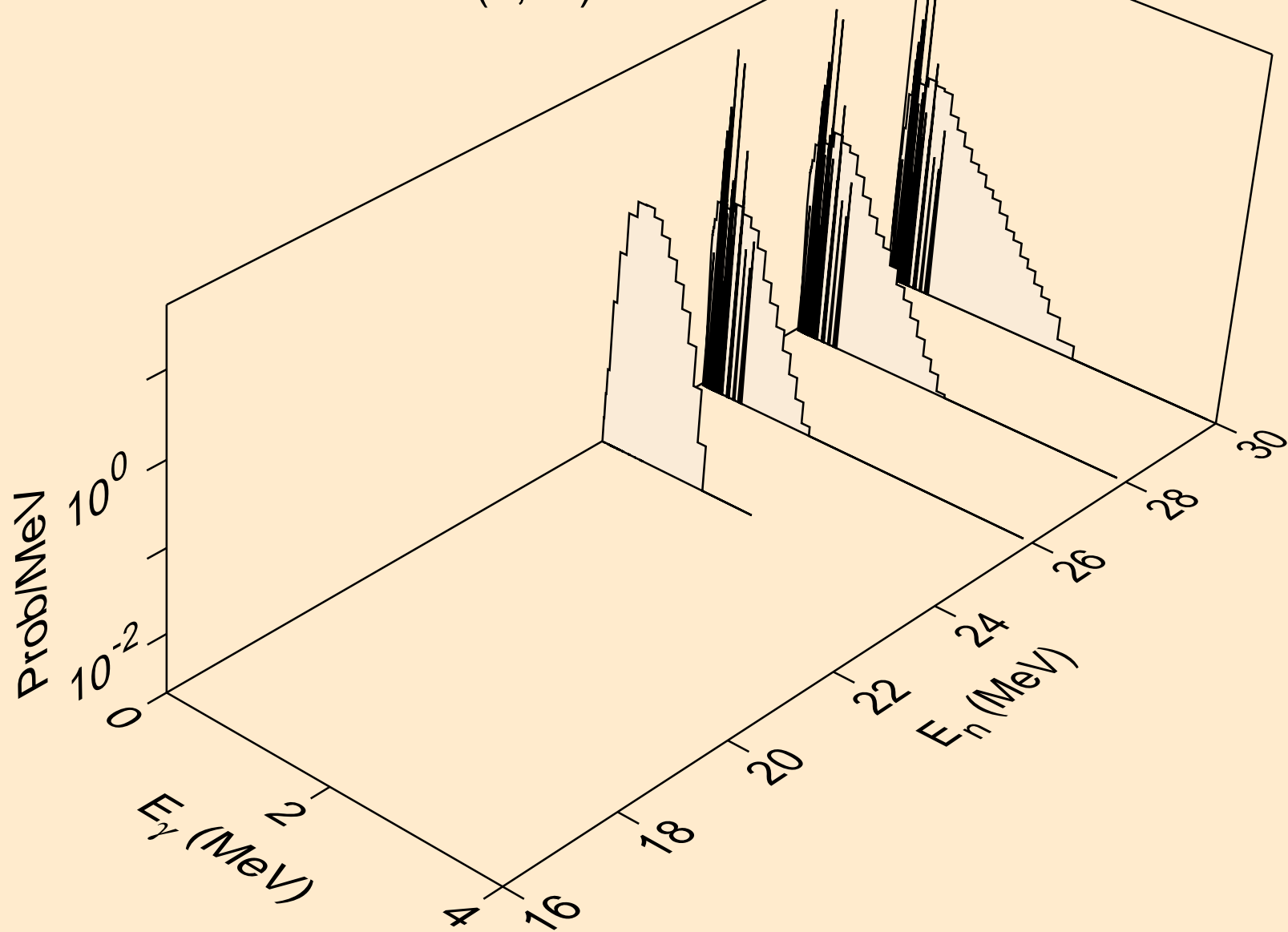
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



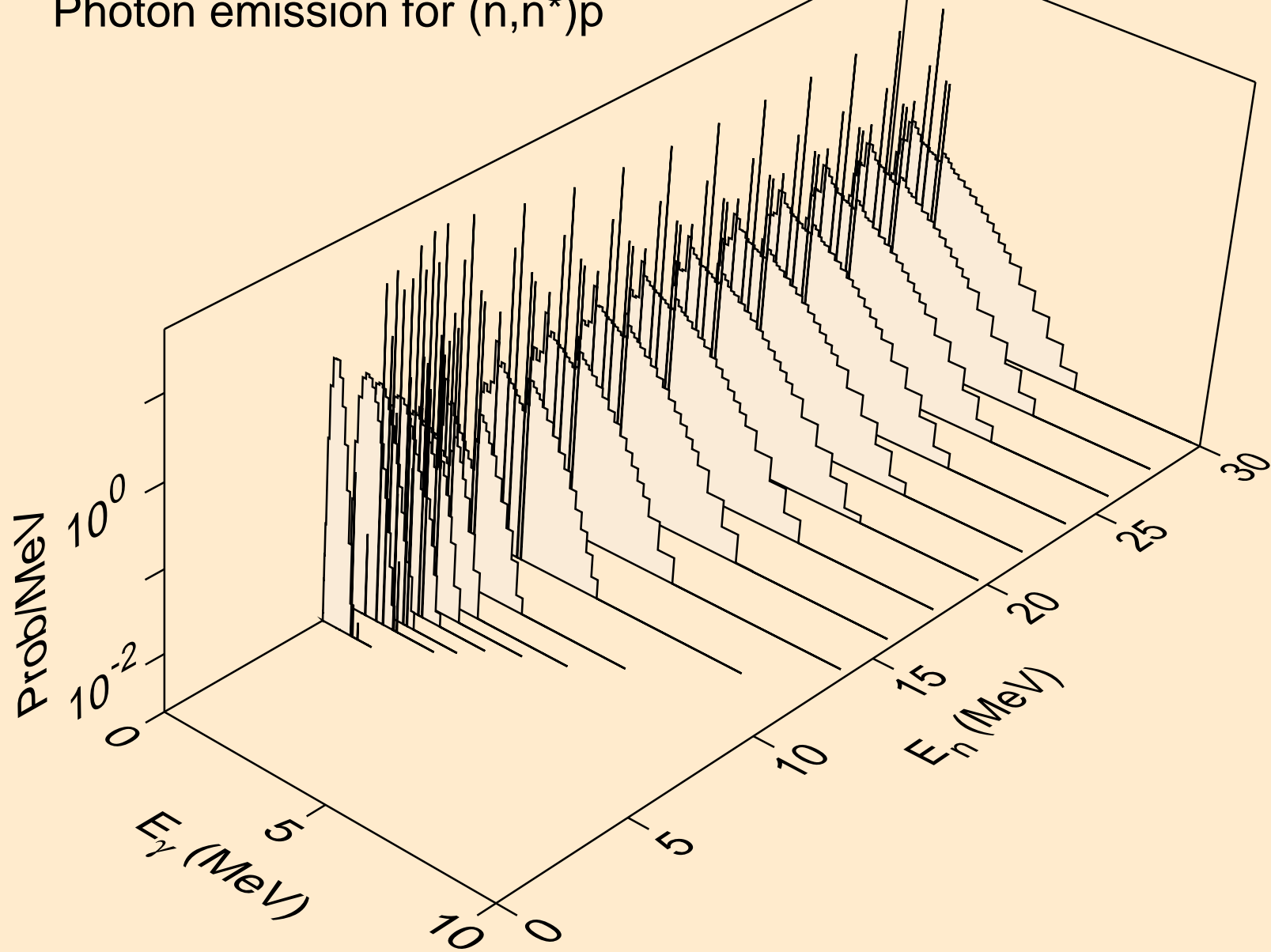
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Photon emission for (n,2n)a



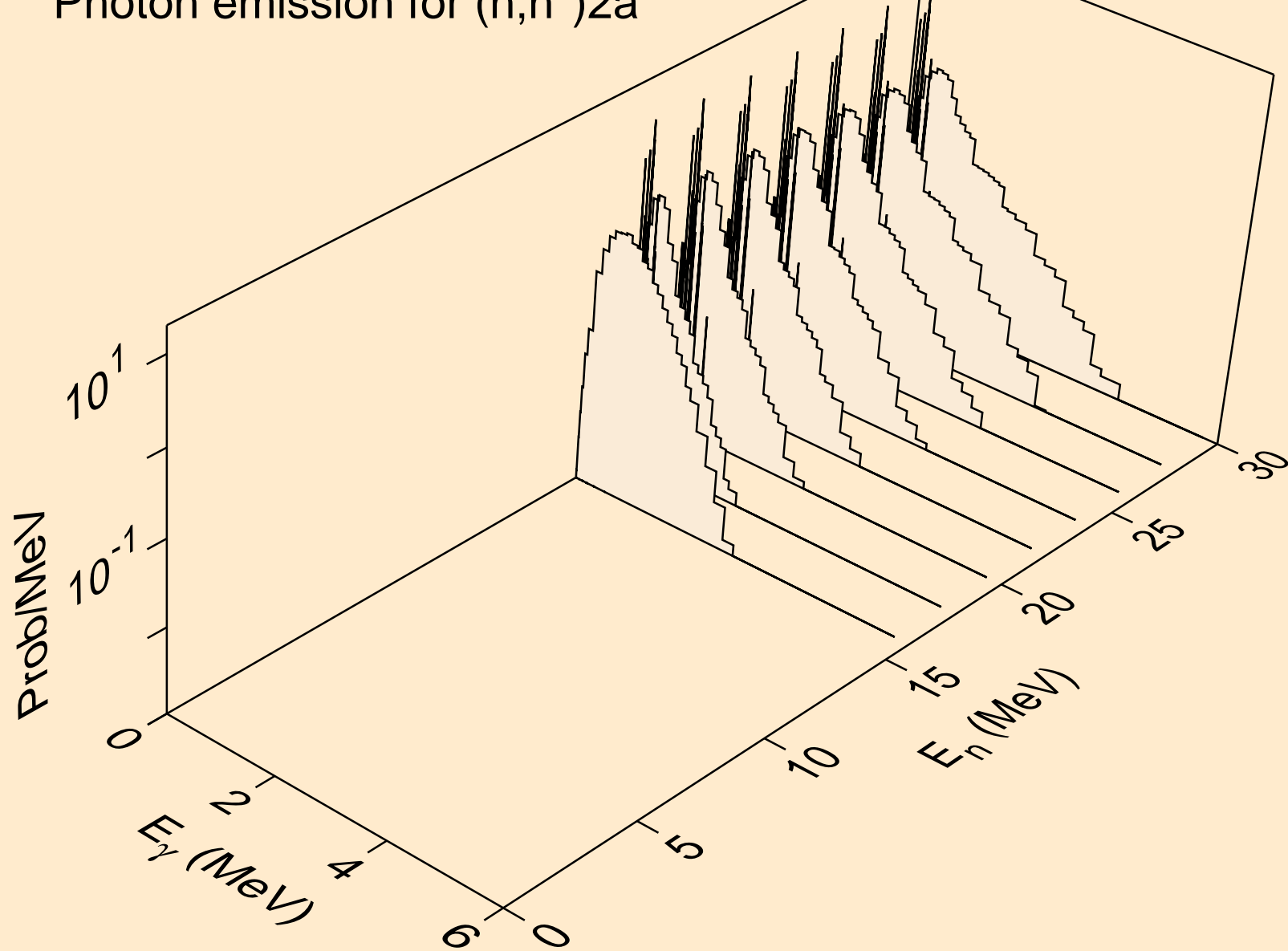
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

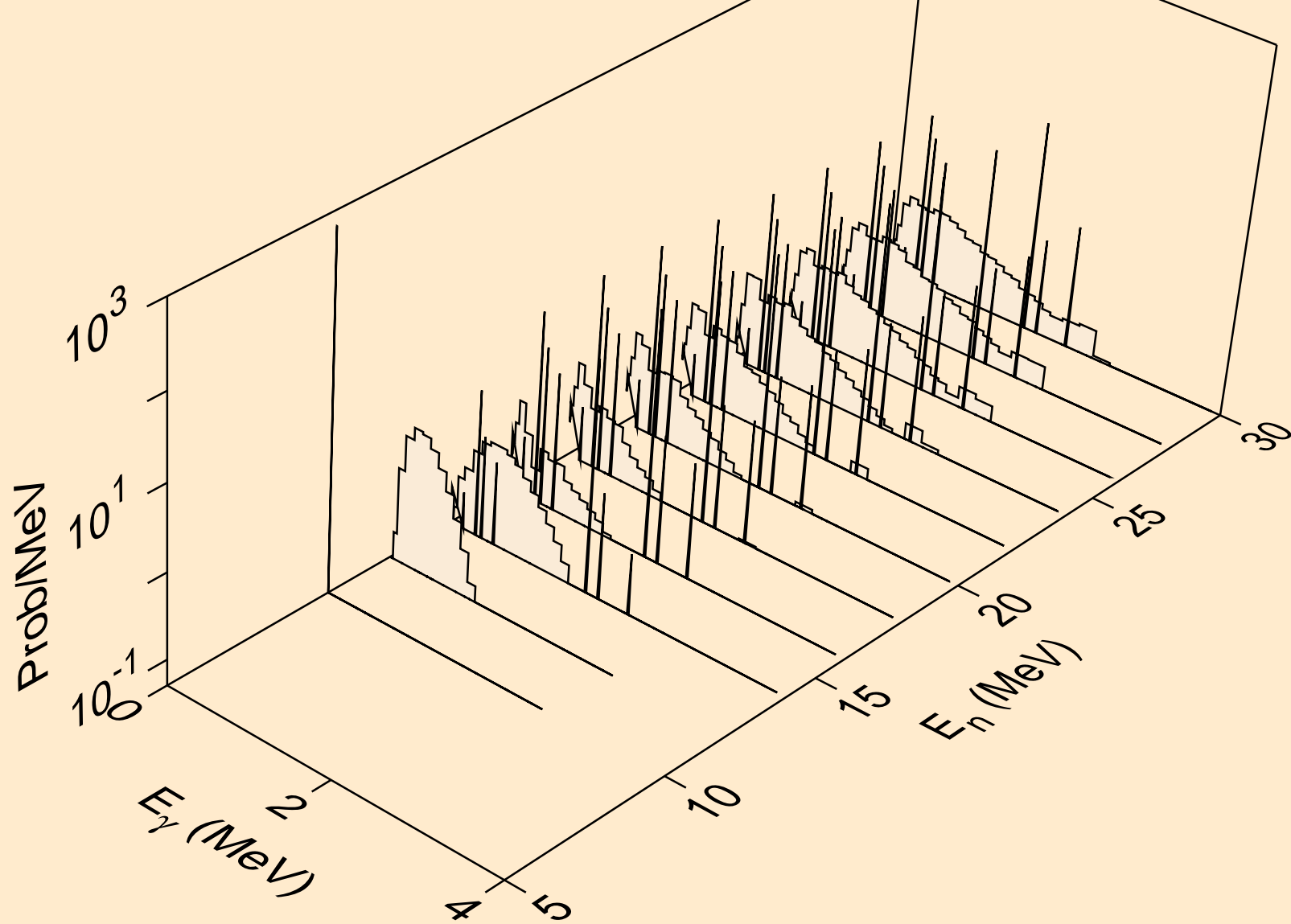


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

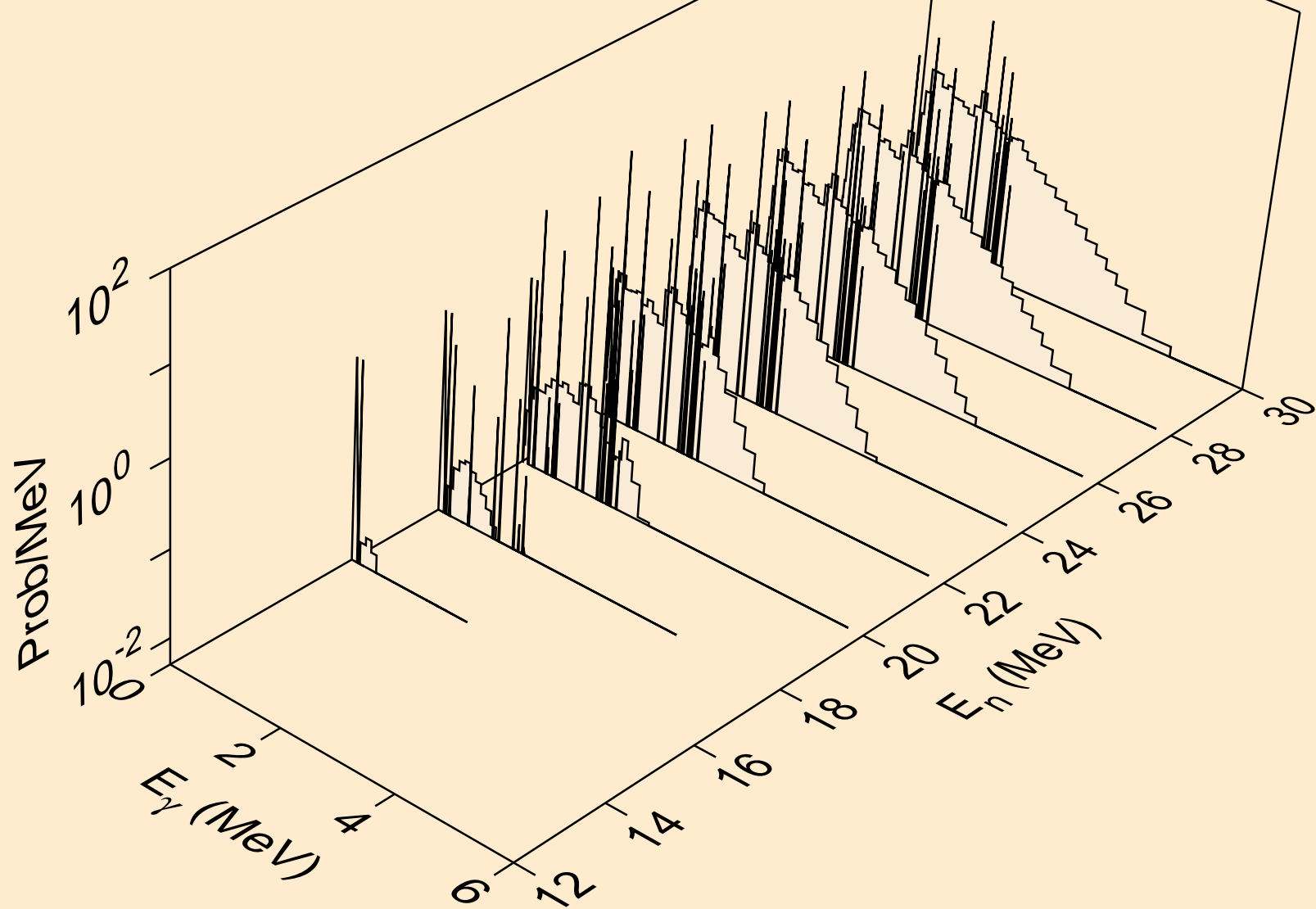




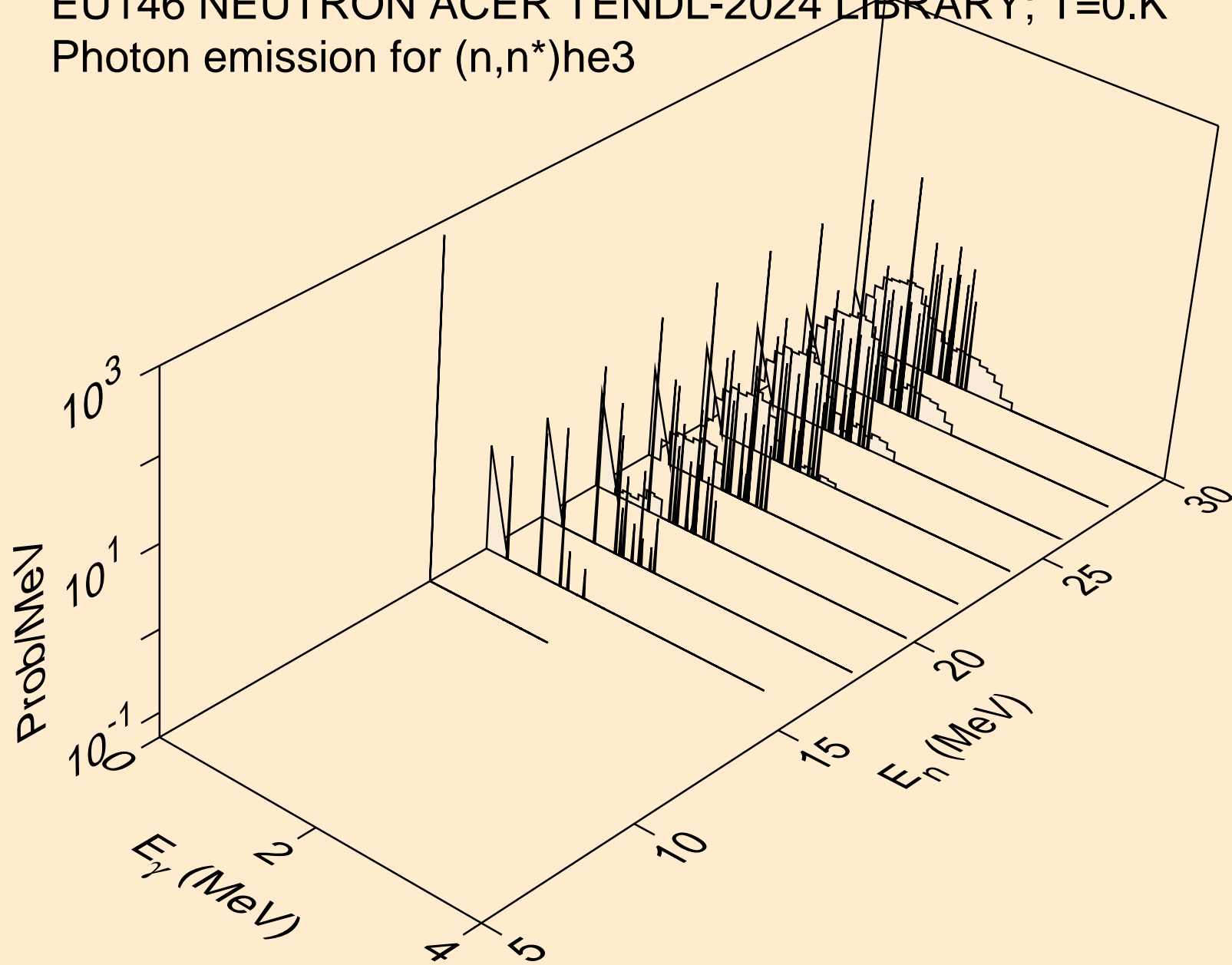
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



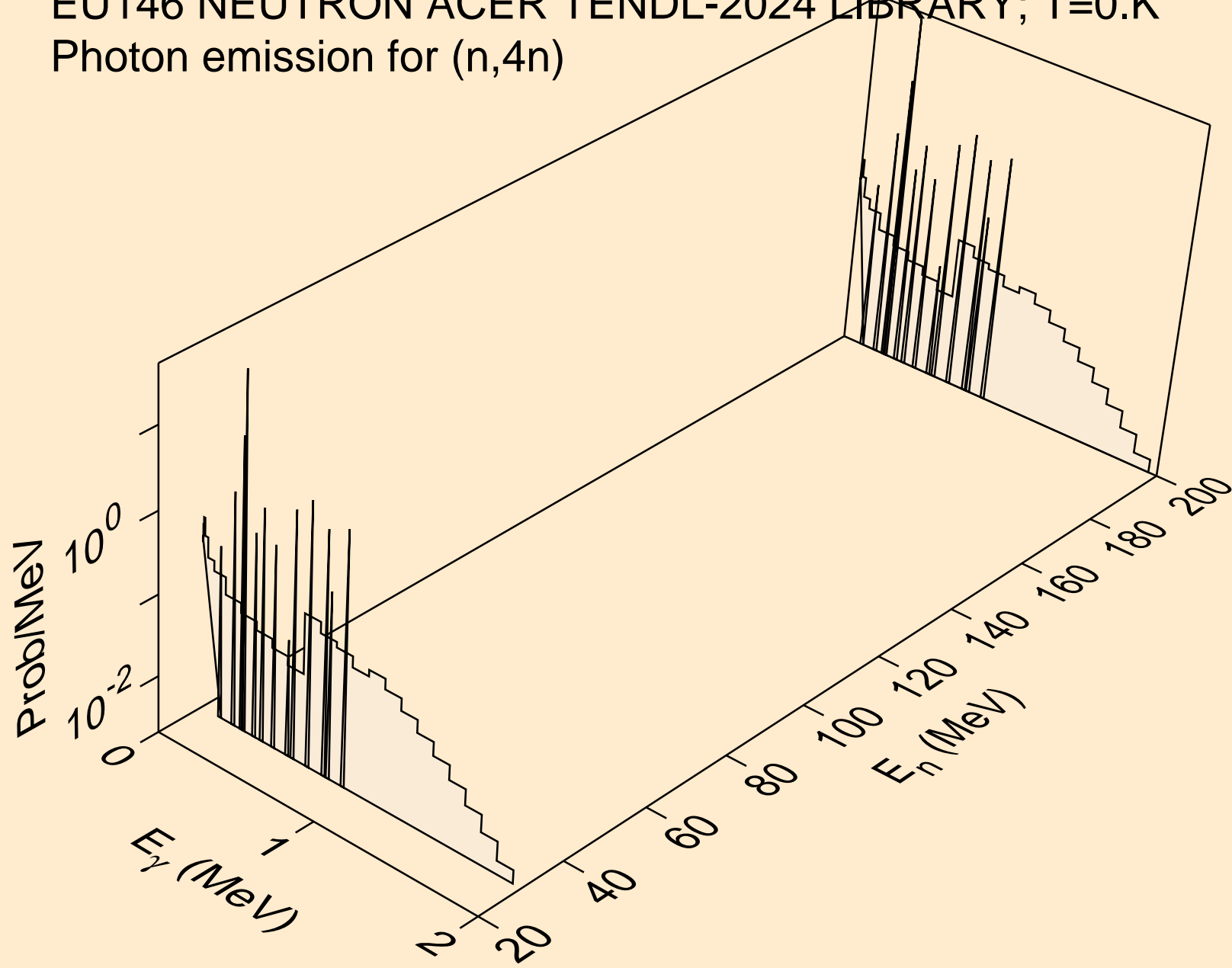
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



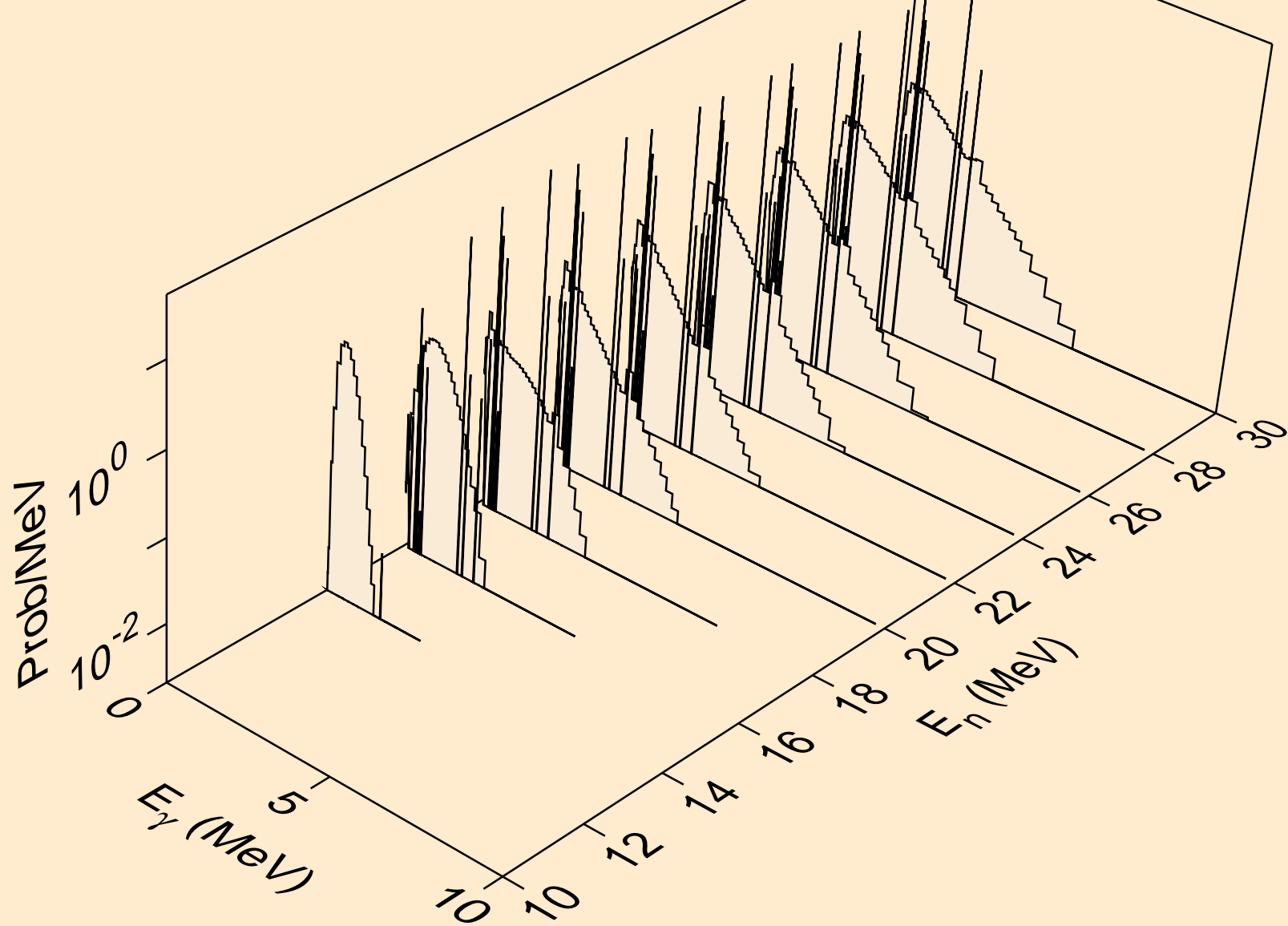
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



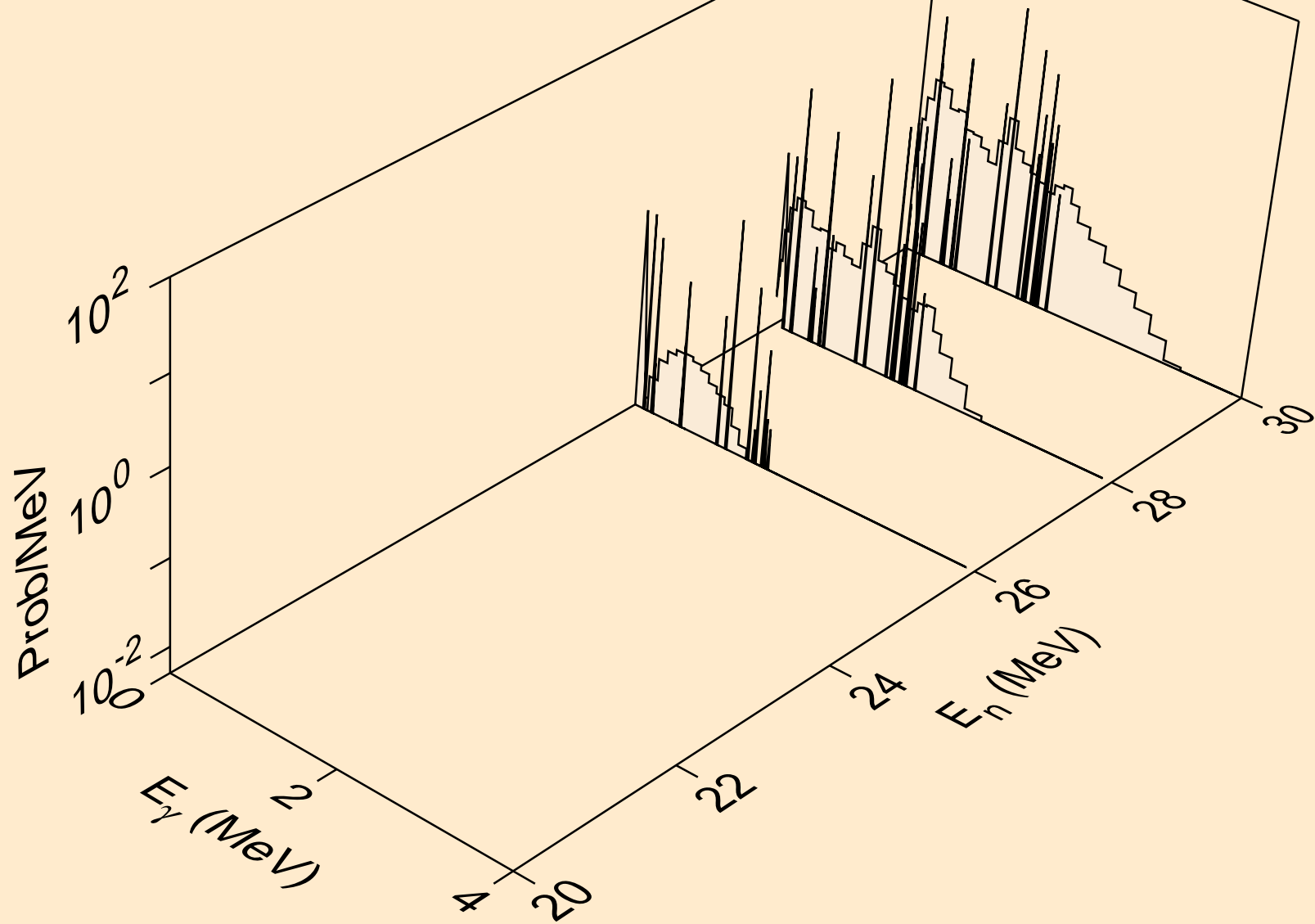
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



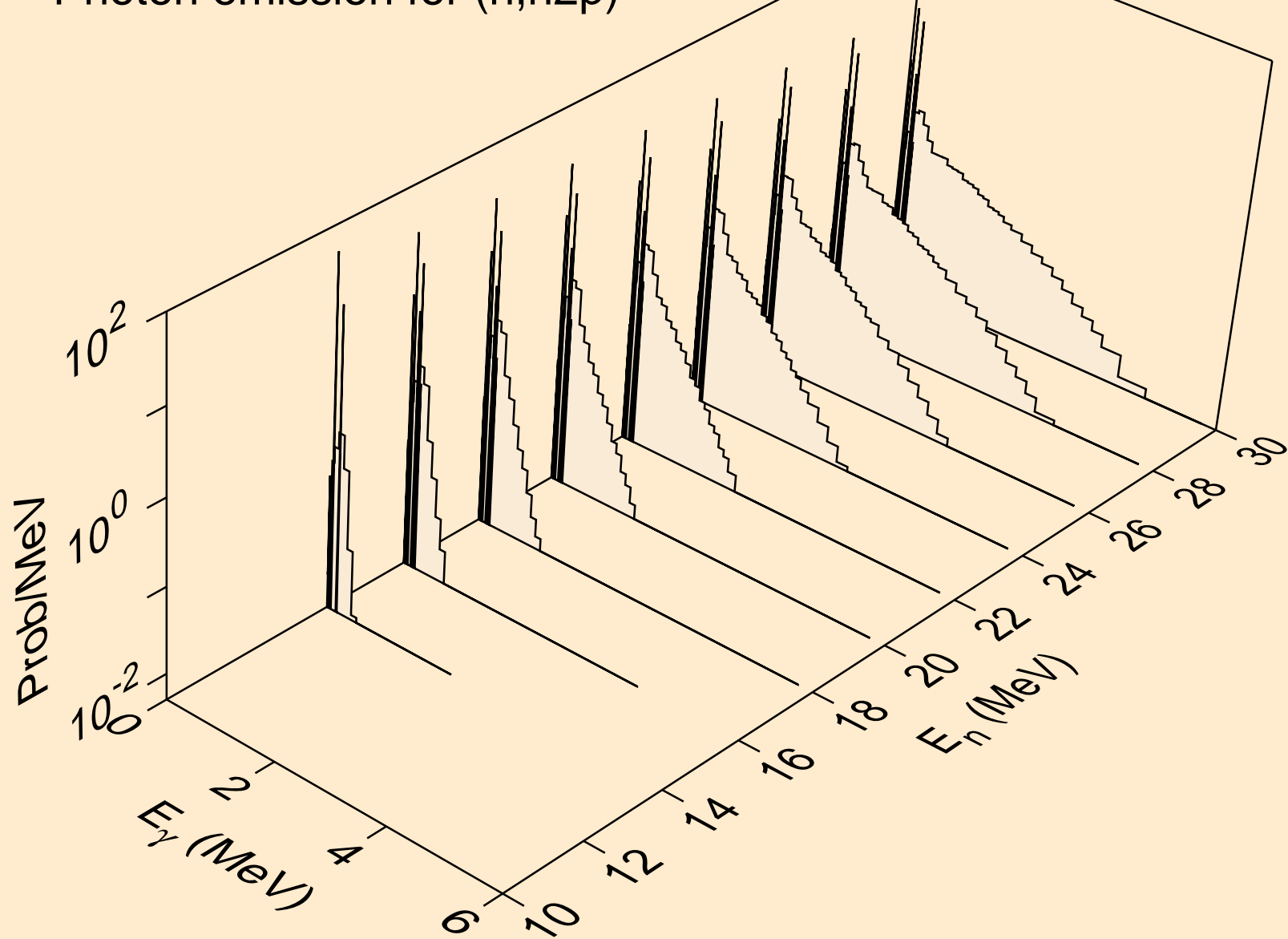
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



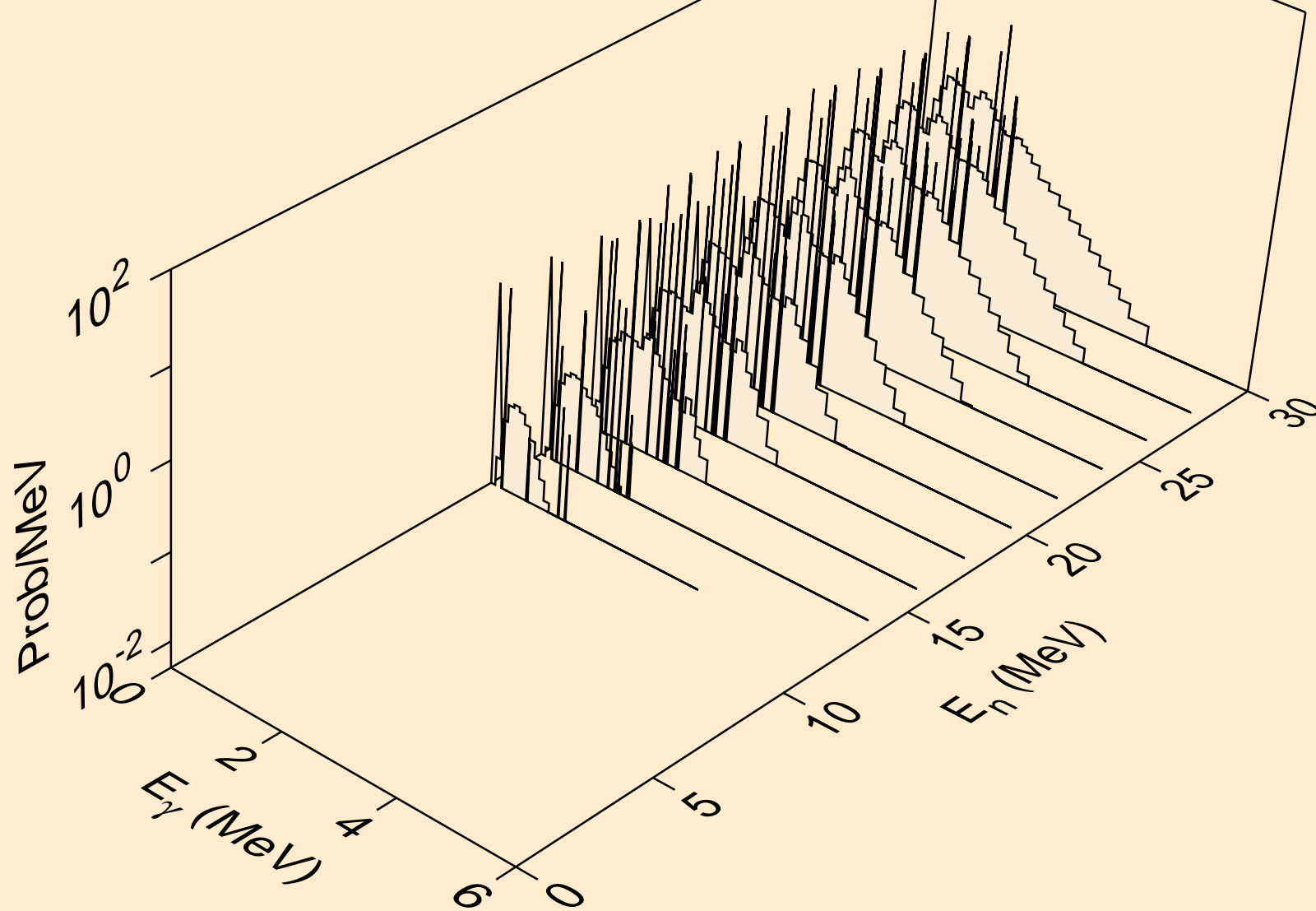
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

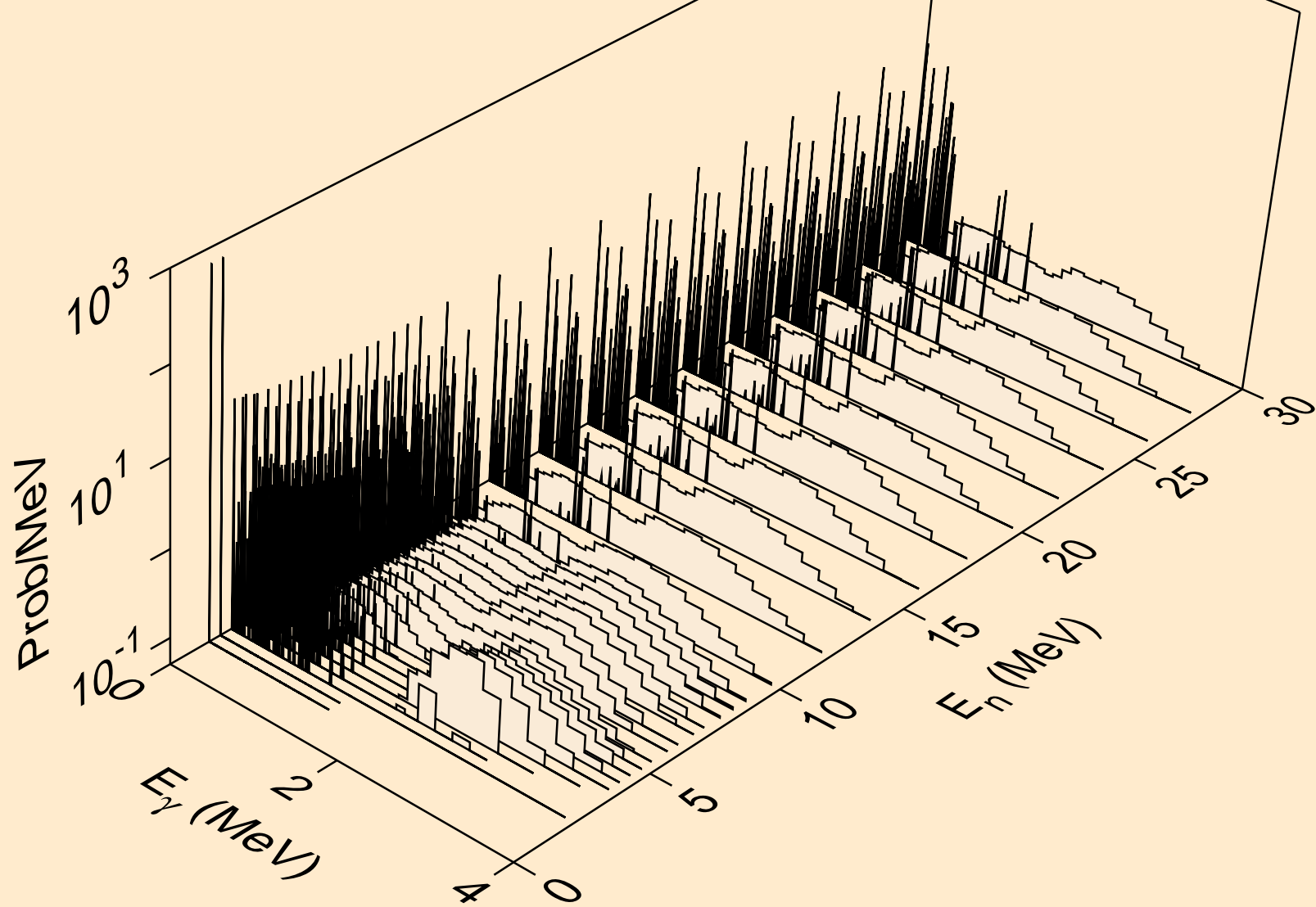


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

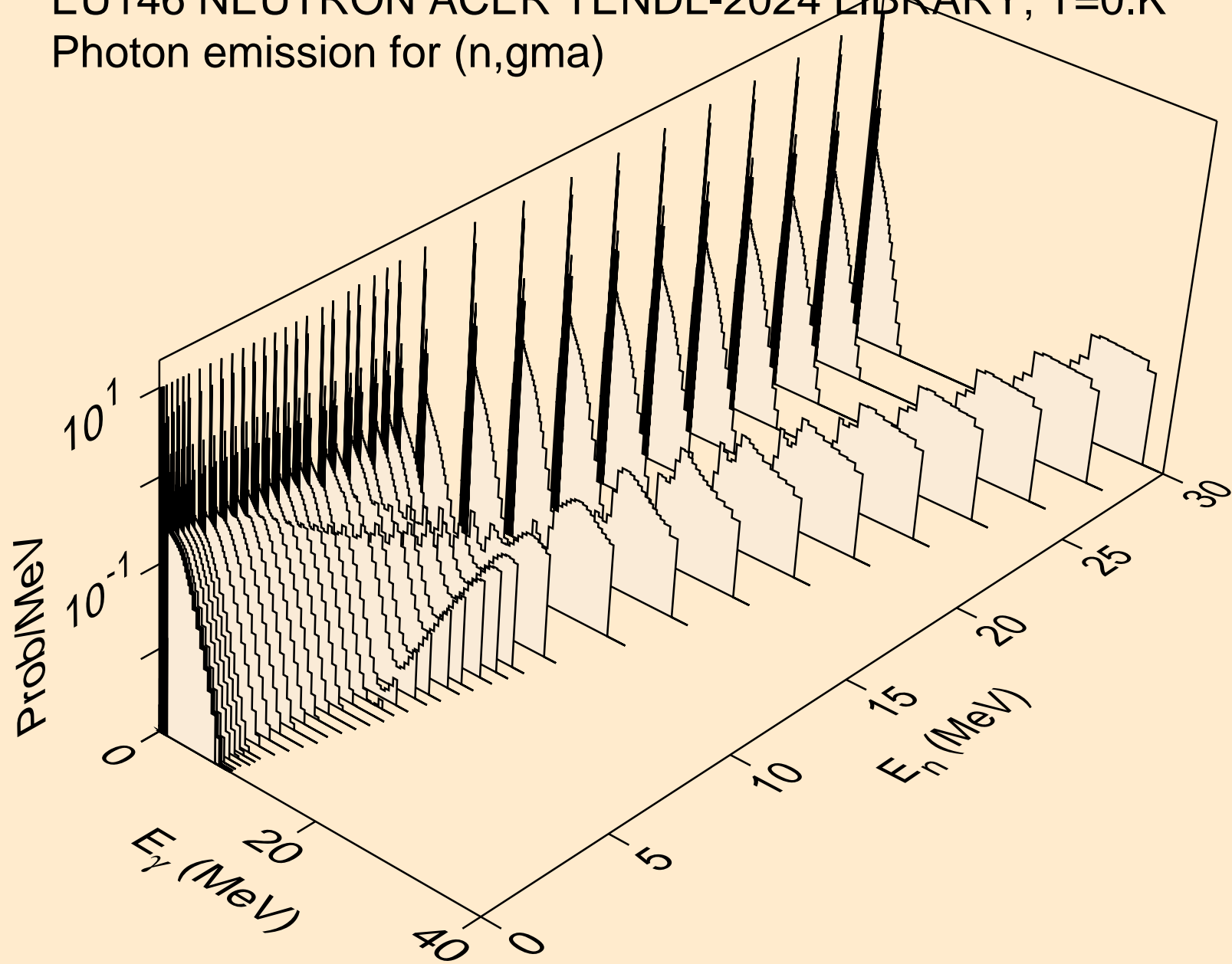




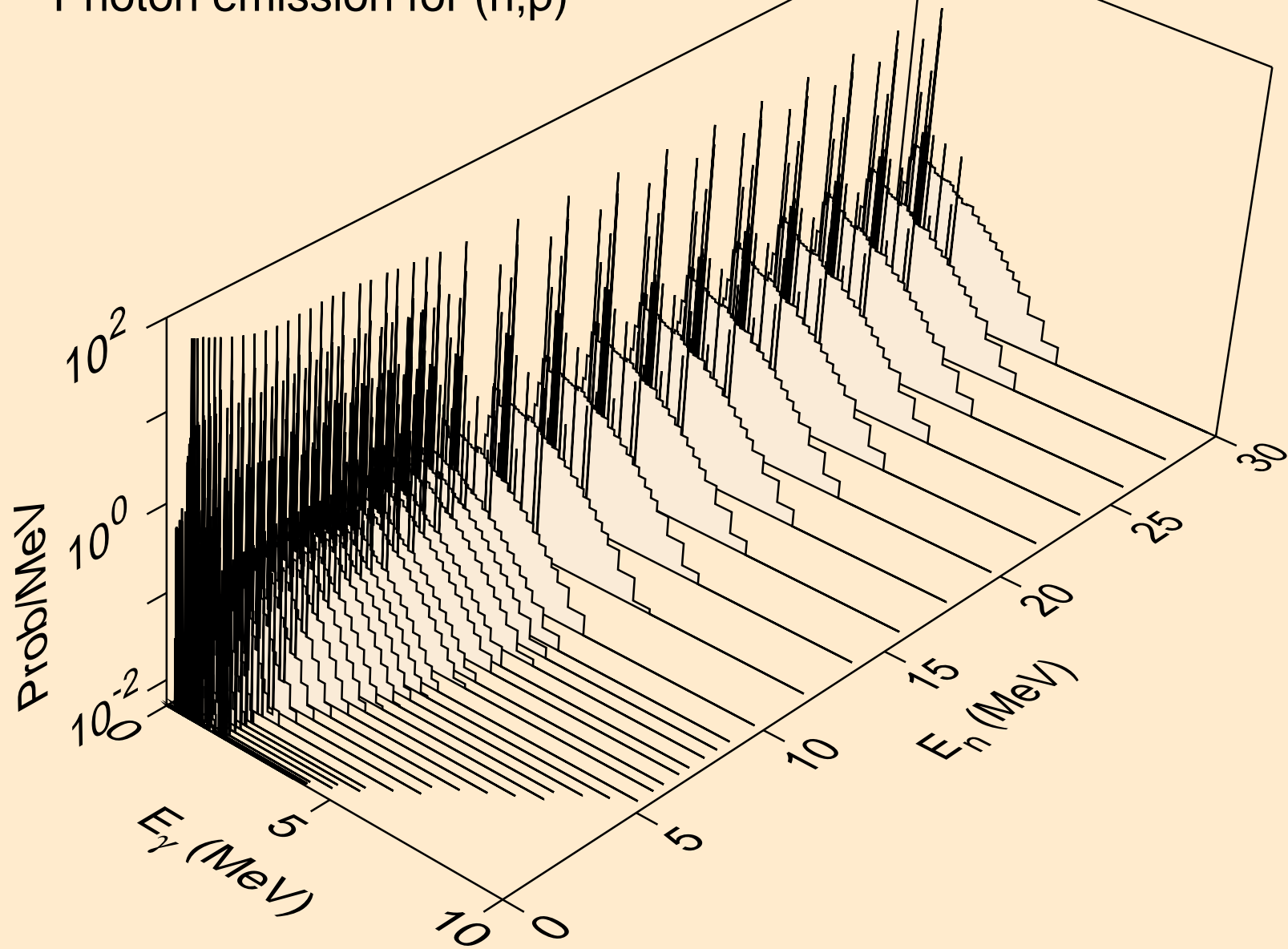
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



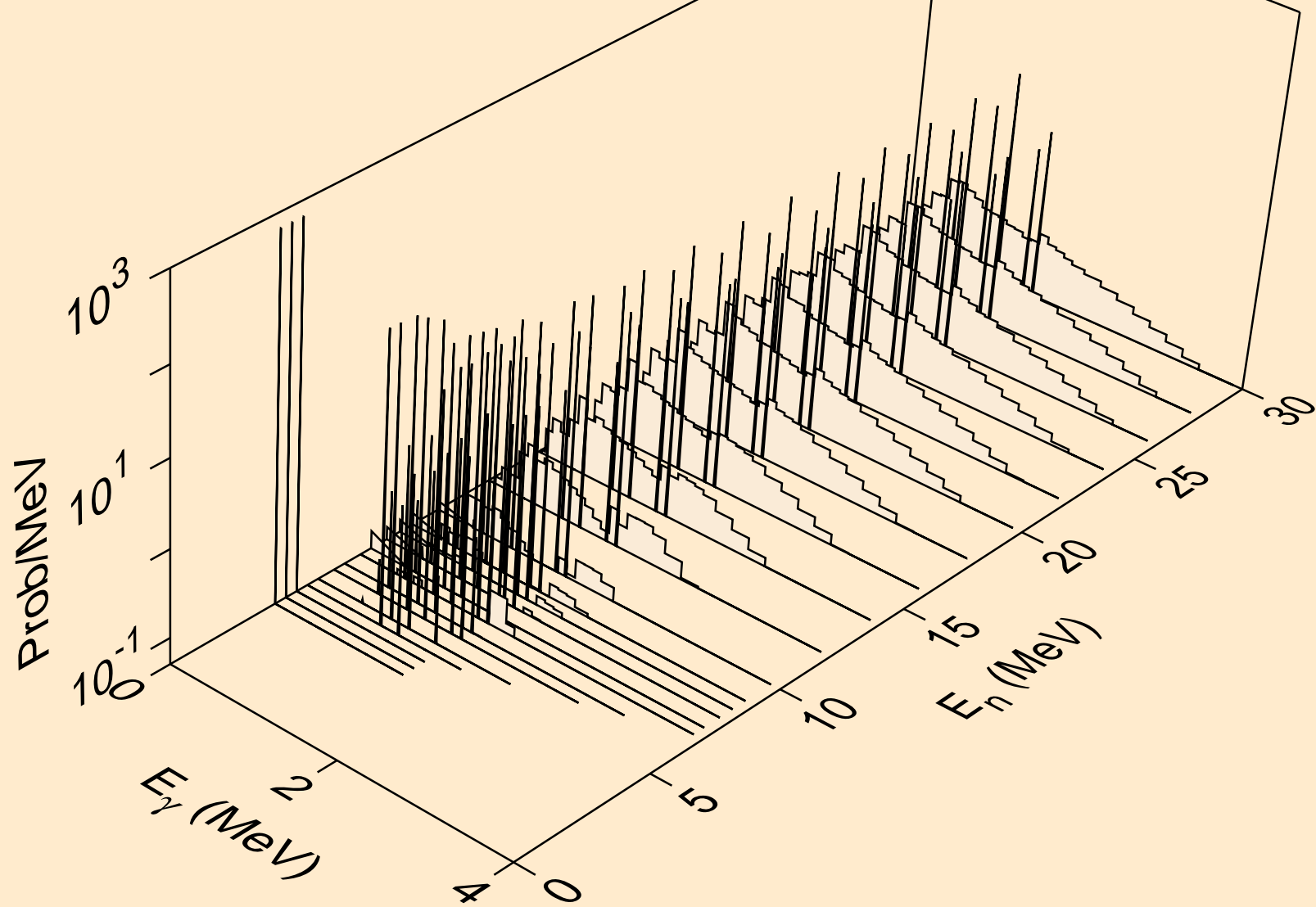
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



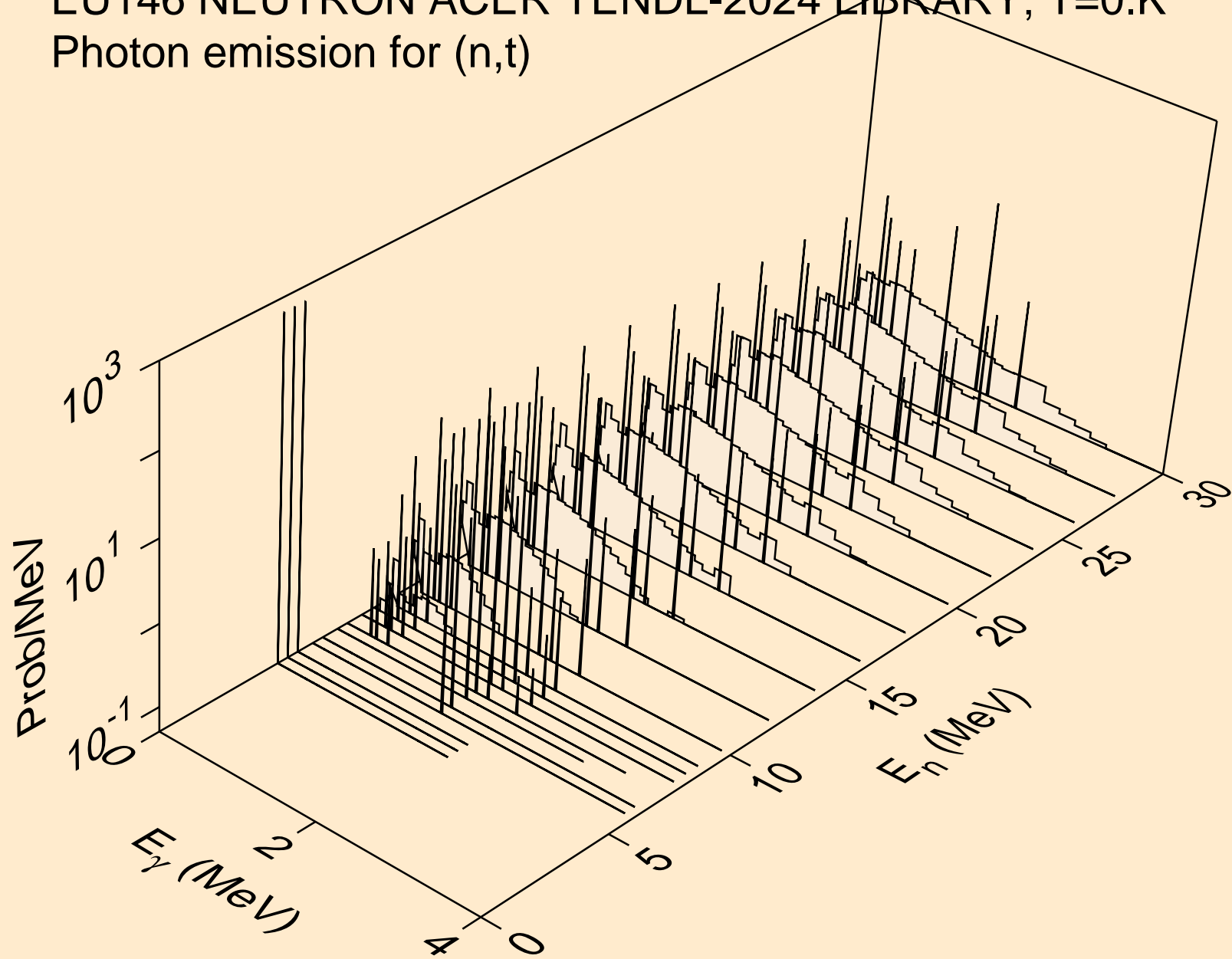
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Photon emission for (n,p)



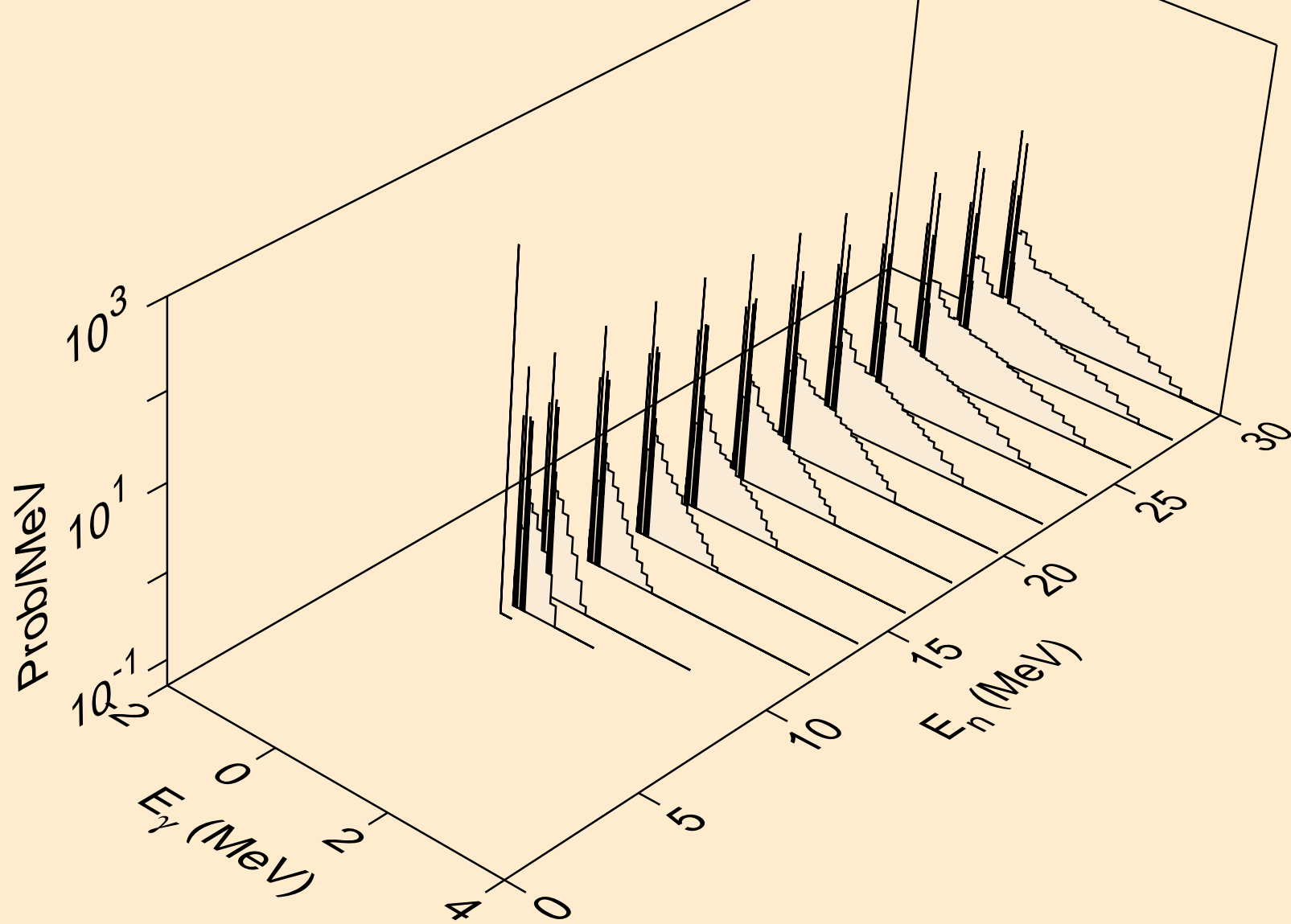
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



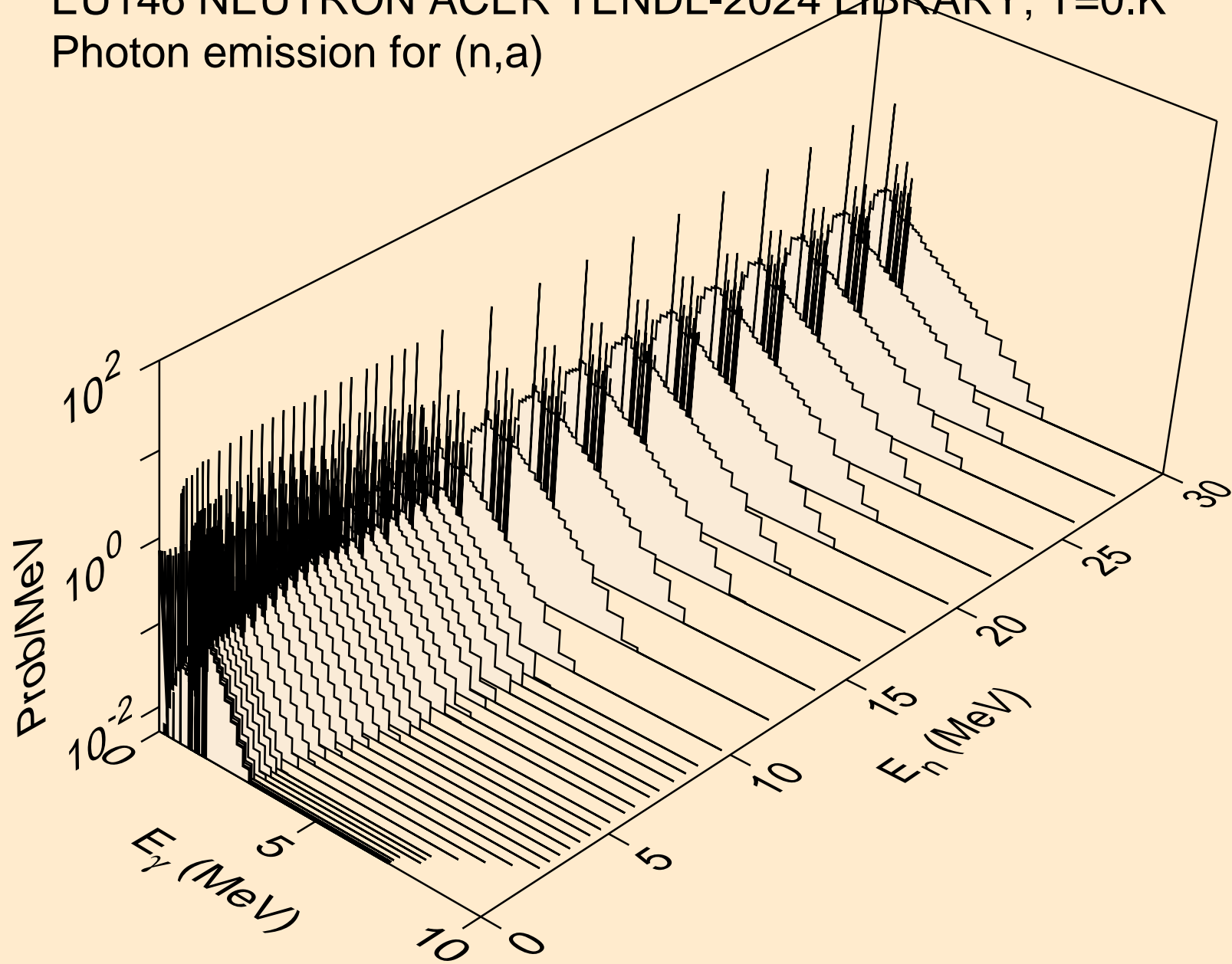
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Photon emission for (n,t)



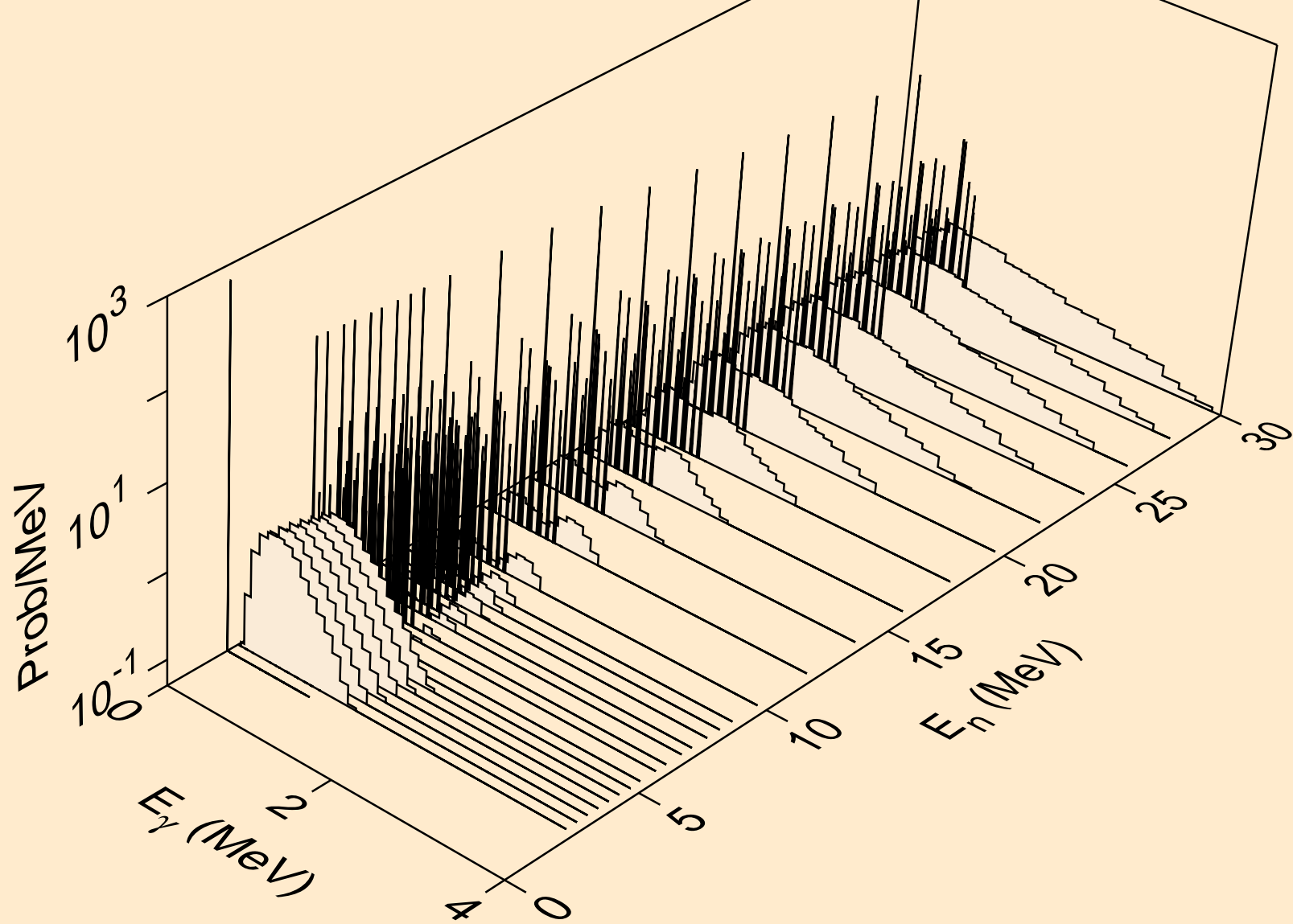
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

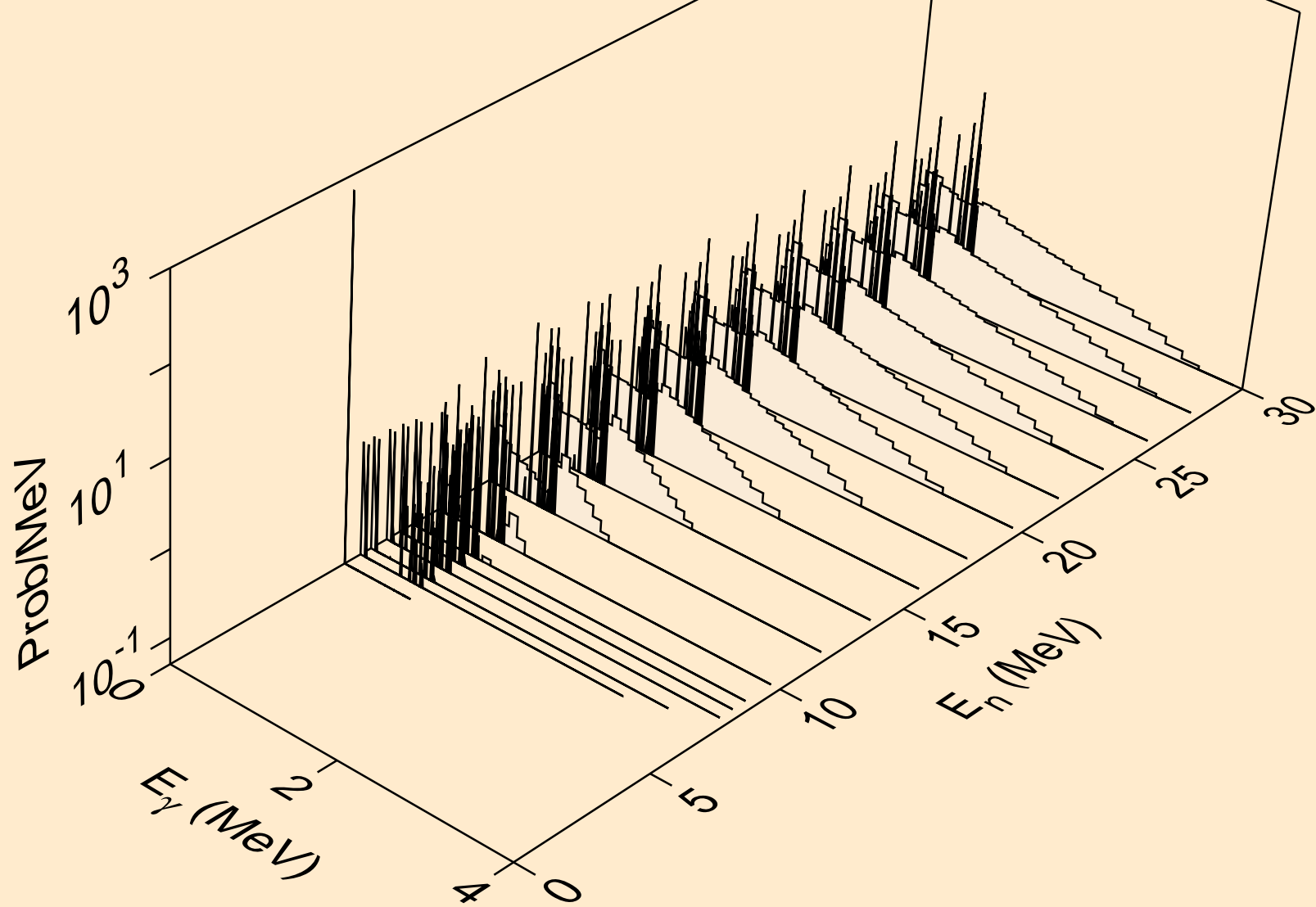


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

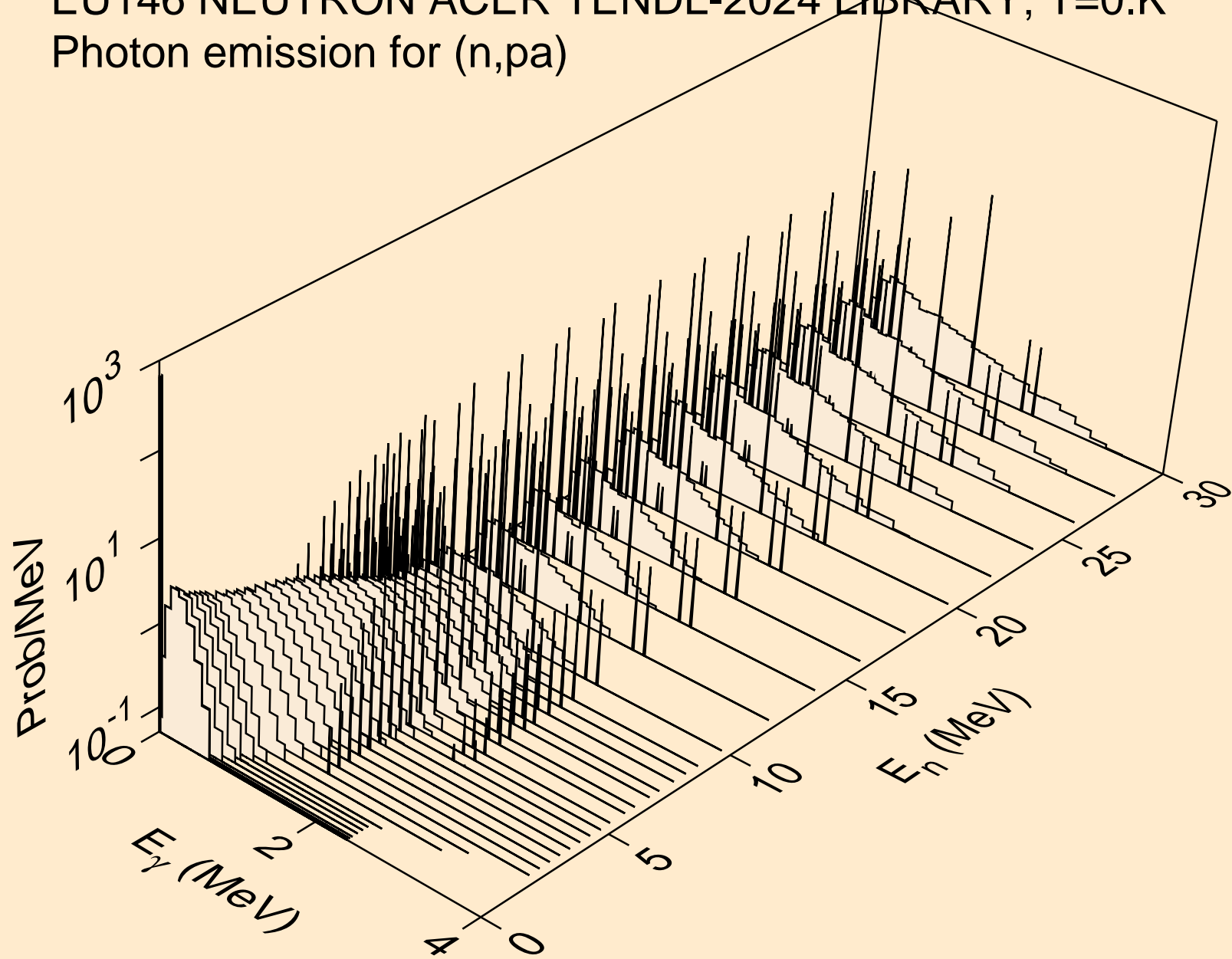




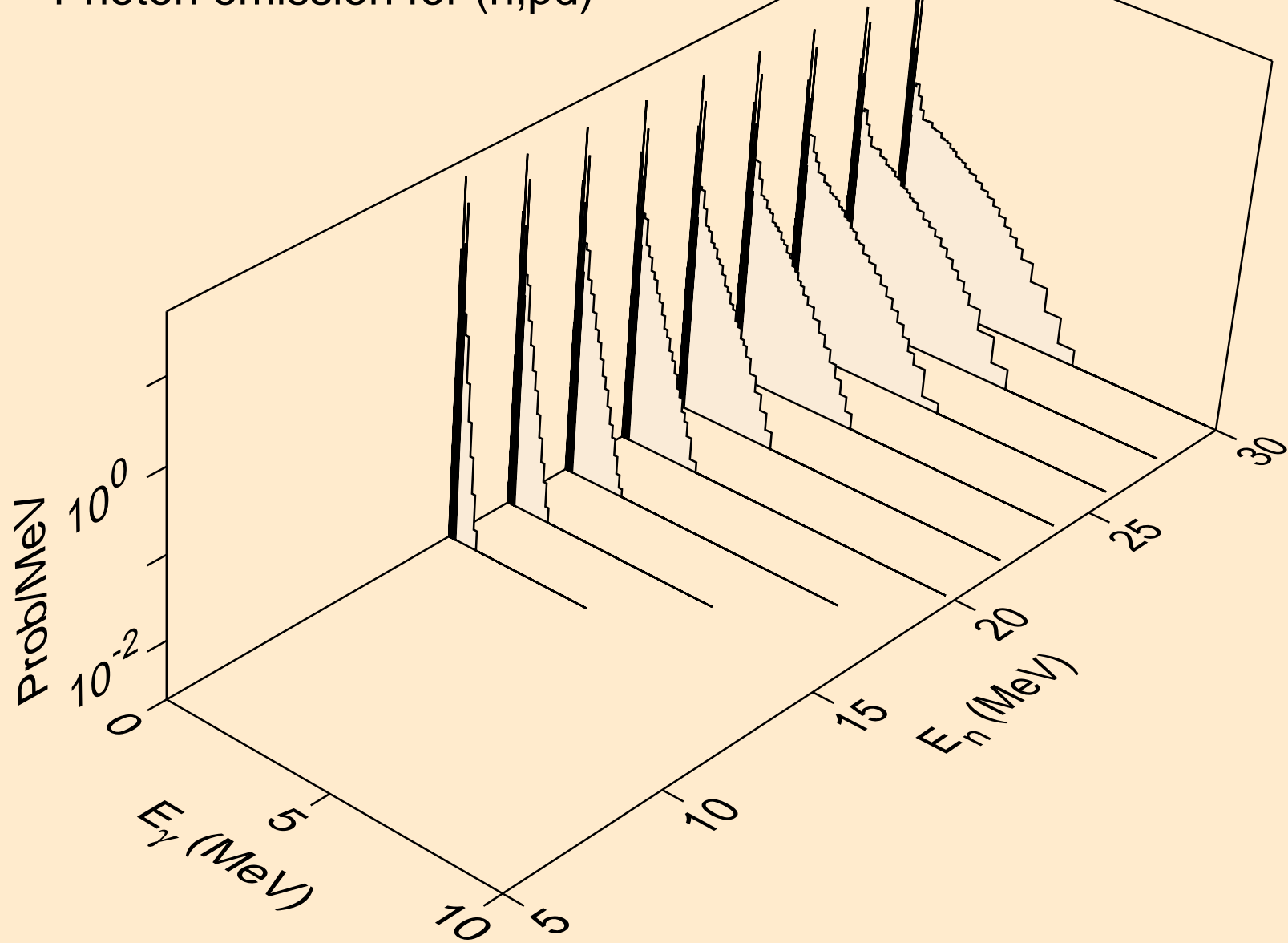
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Photon emission for (n,2p)



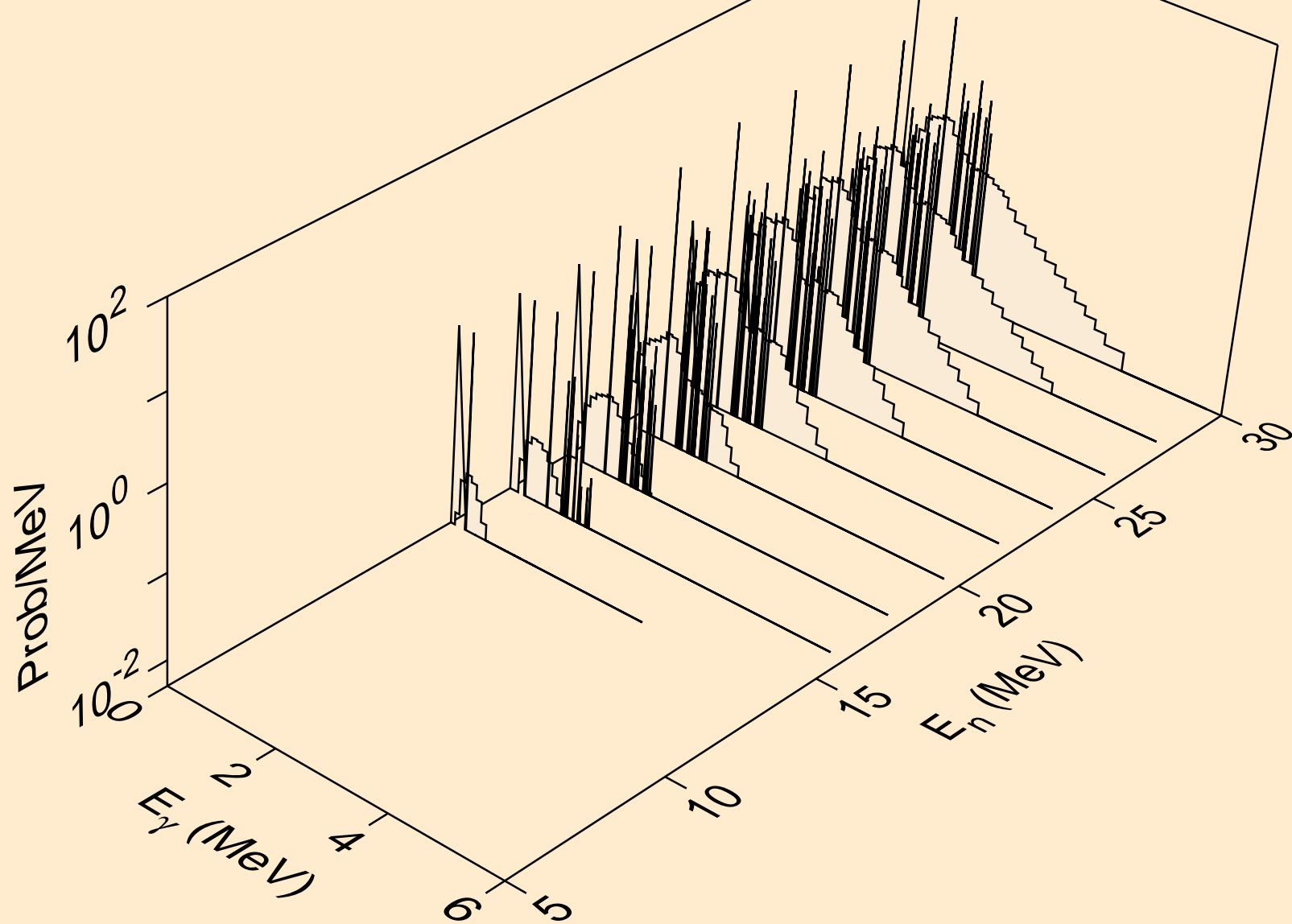
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Photon emission for (n,p $\alpha$ )



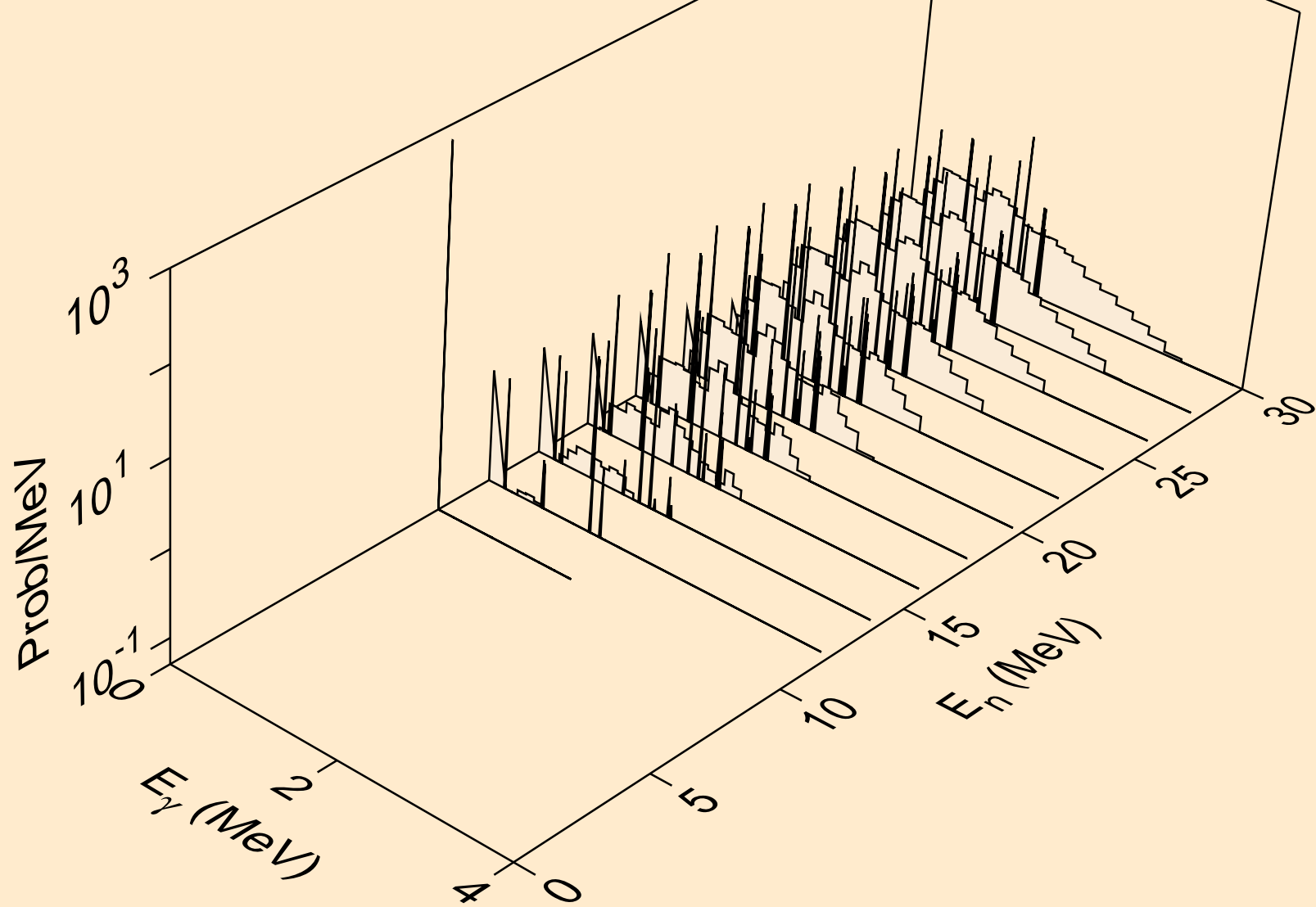
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Photon emission for (n,pd)



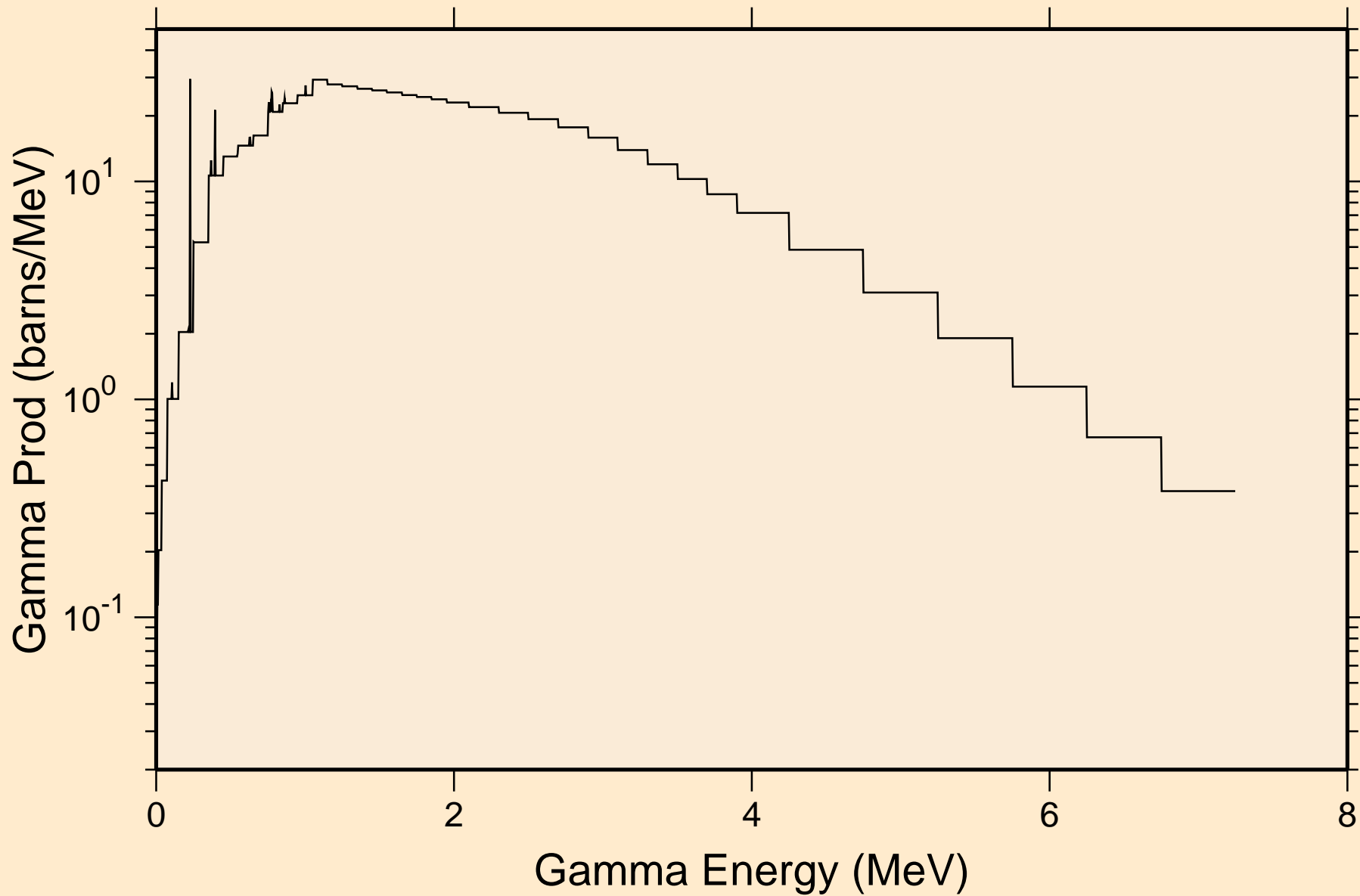
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



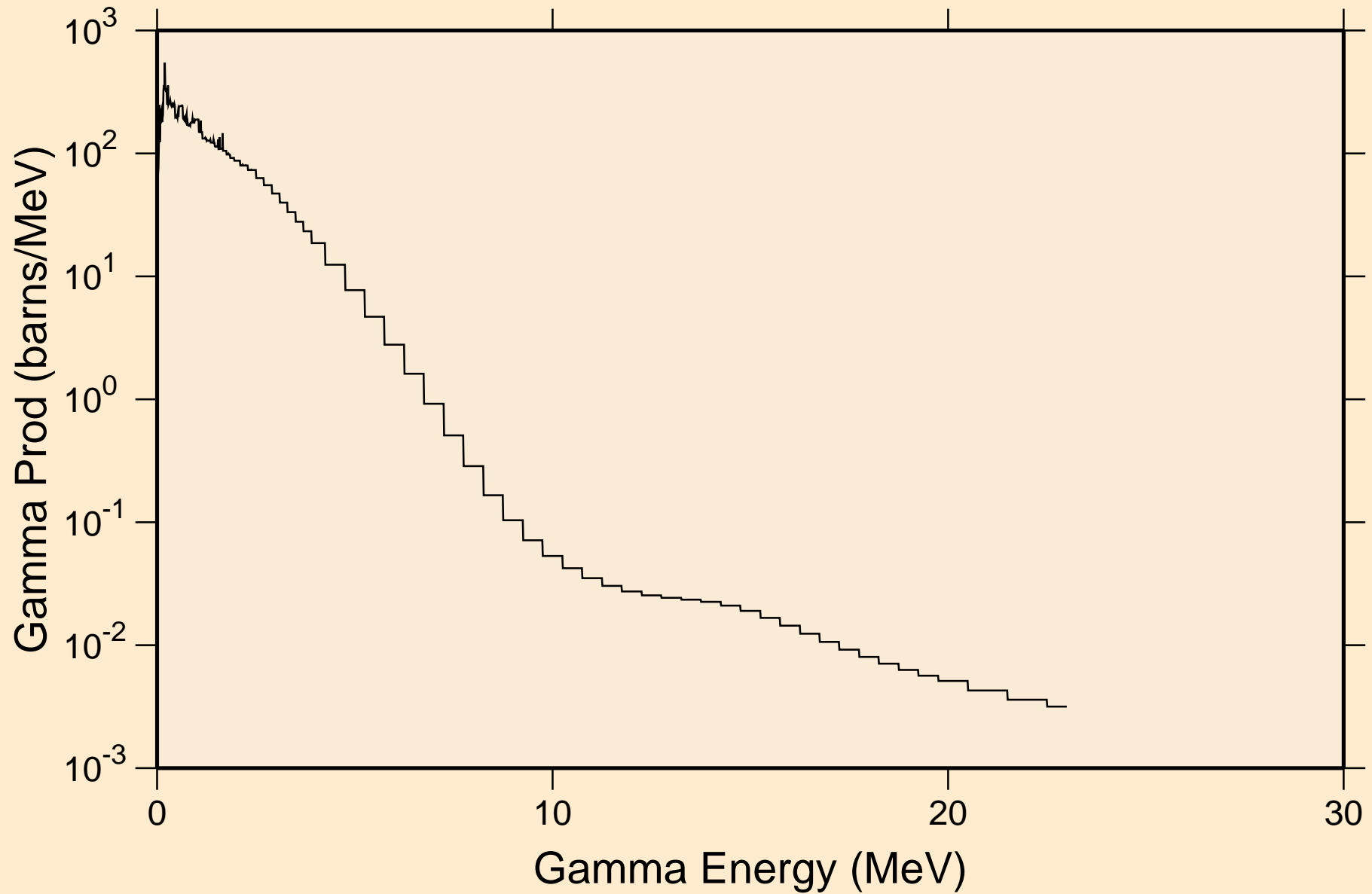
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

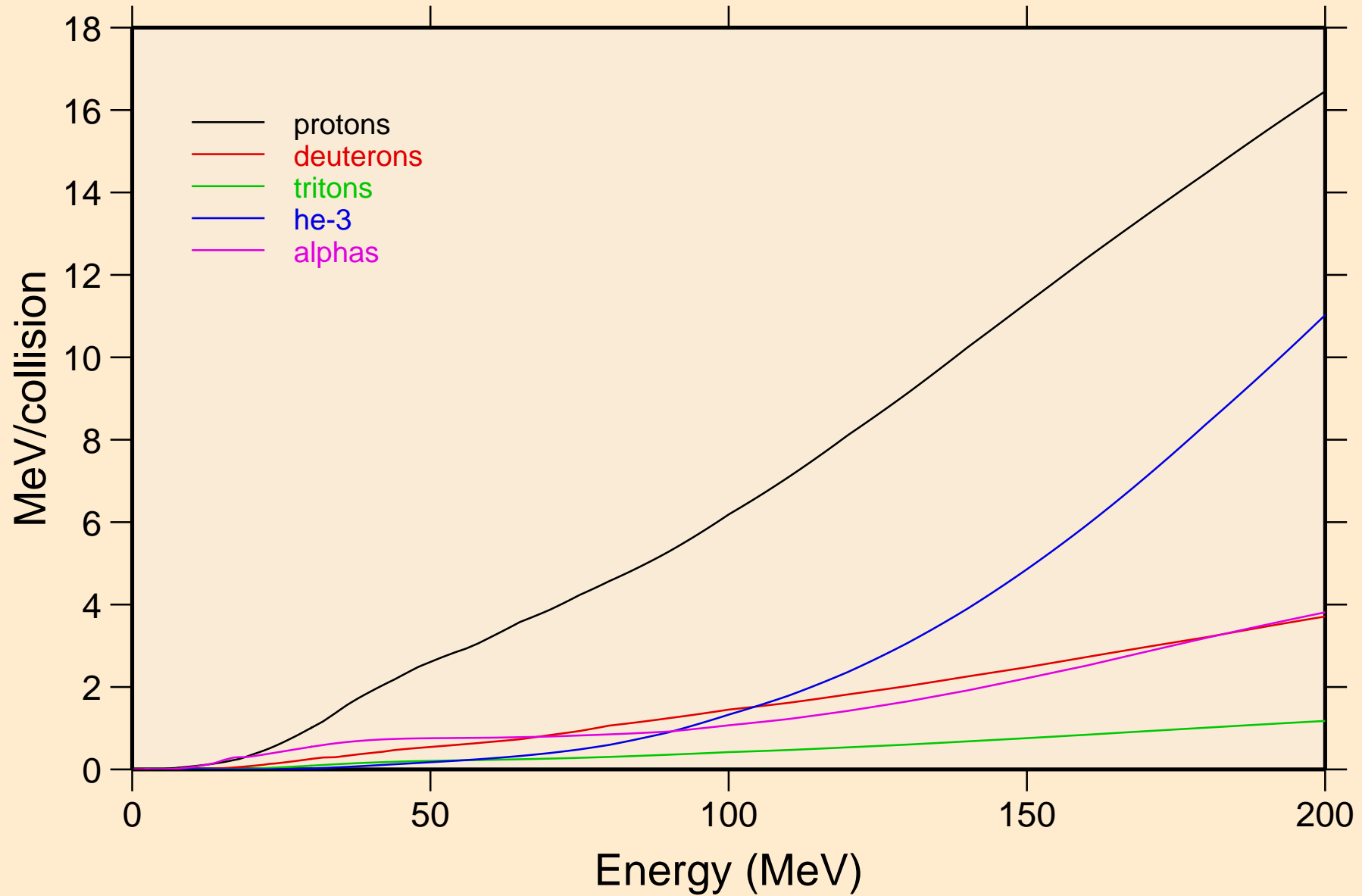


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

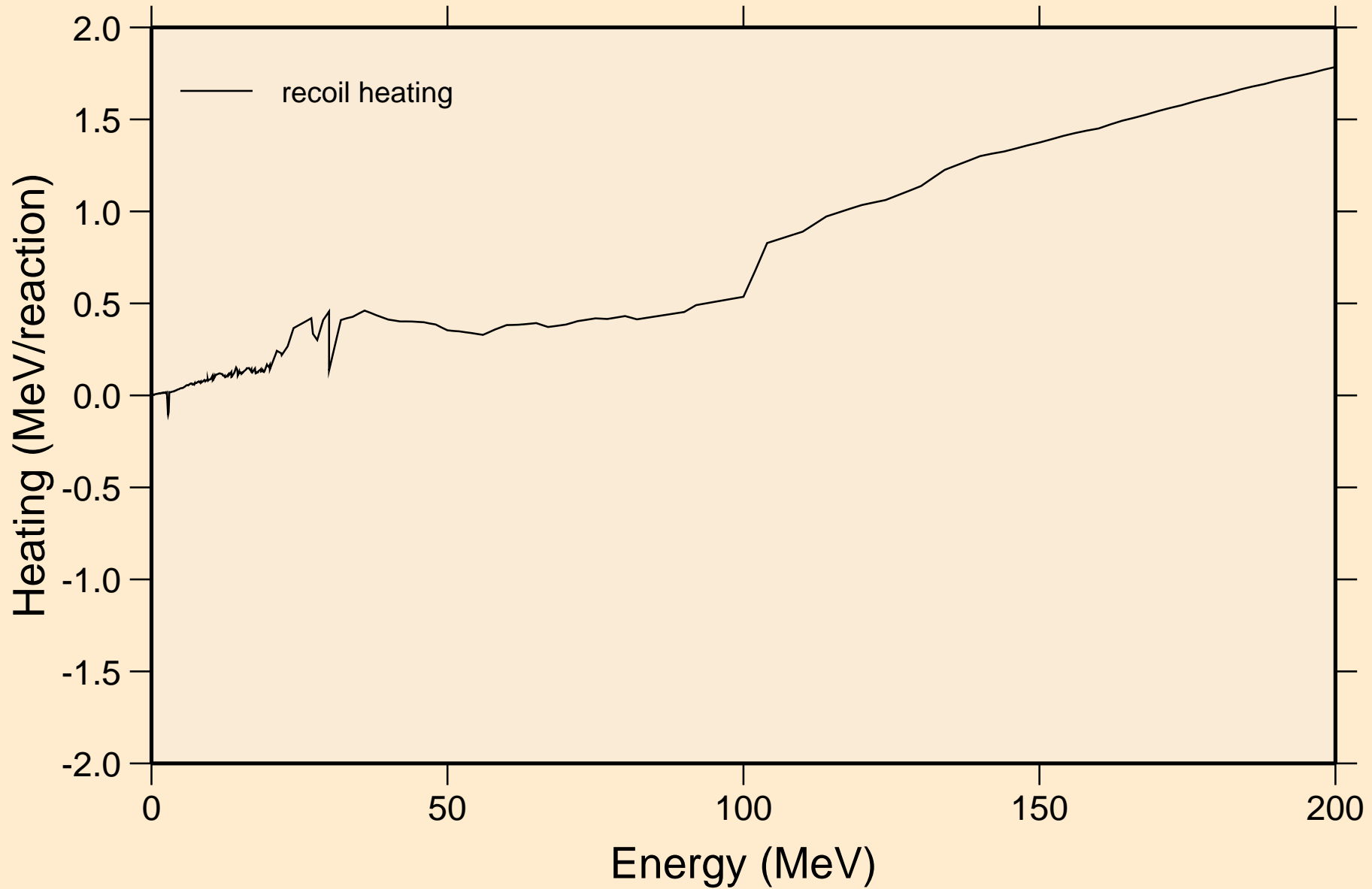
## Particle heating contributions





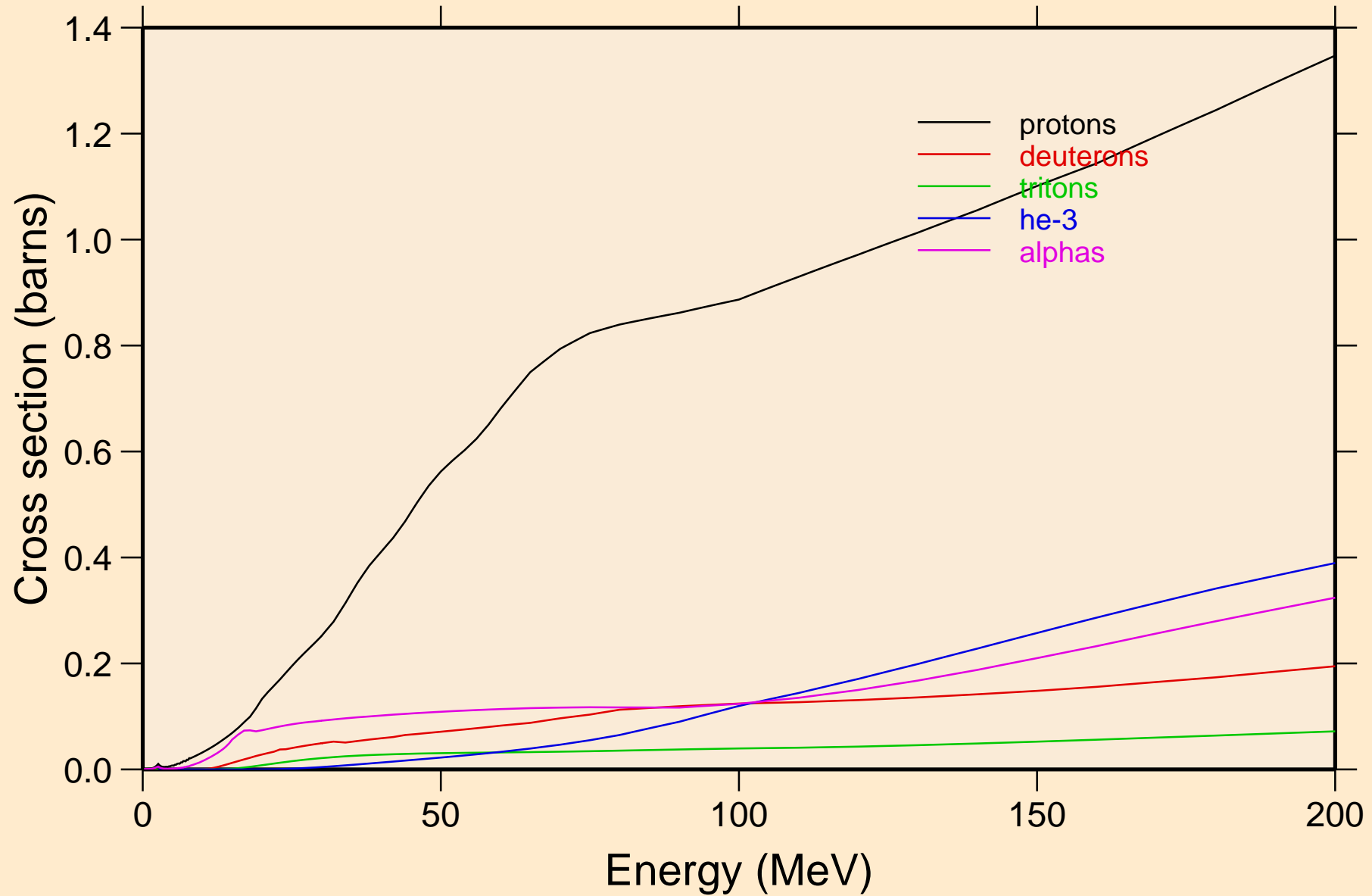
# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

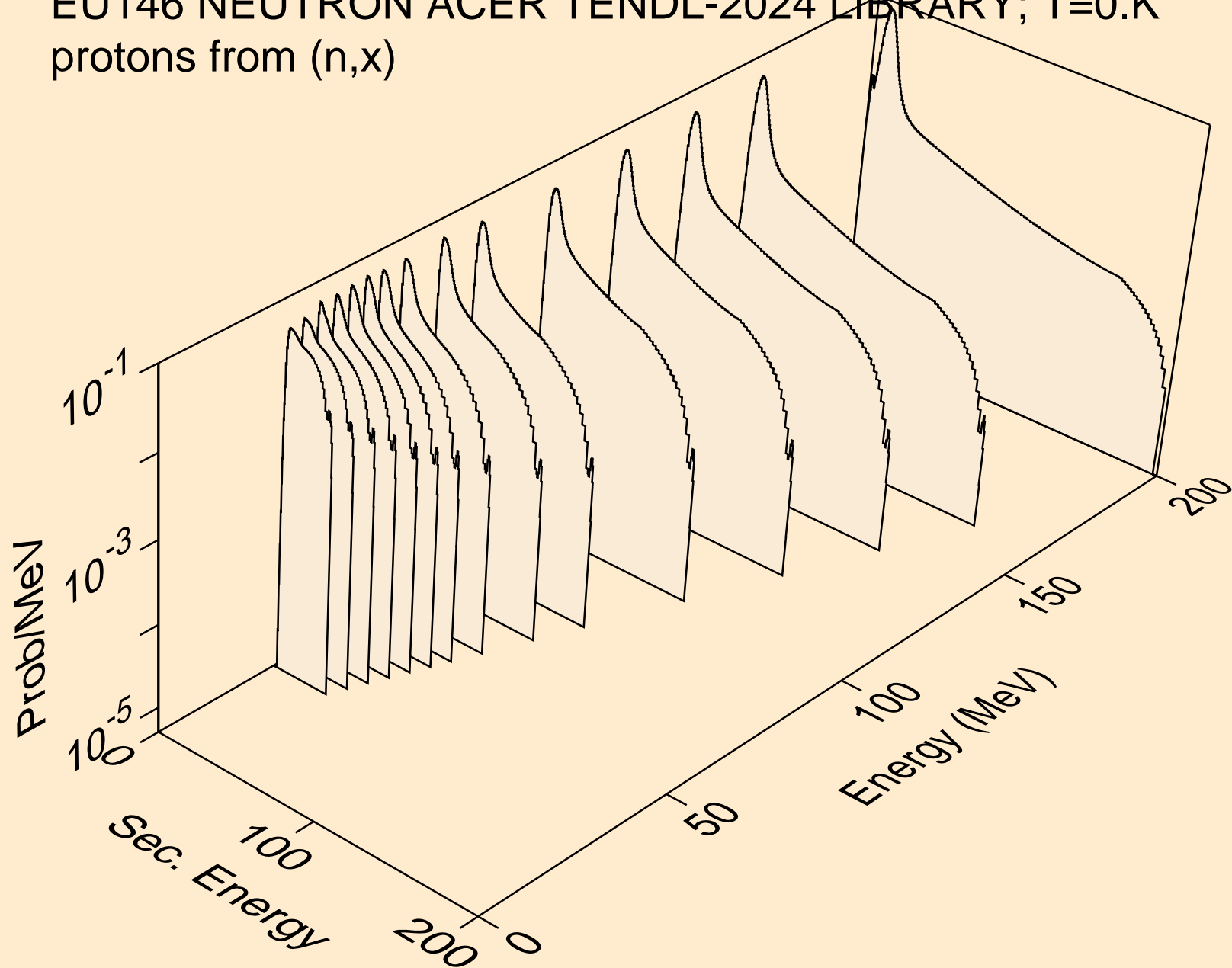


# EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

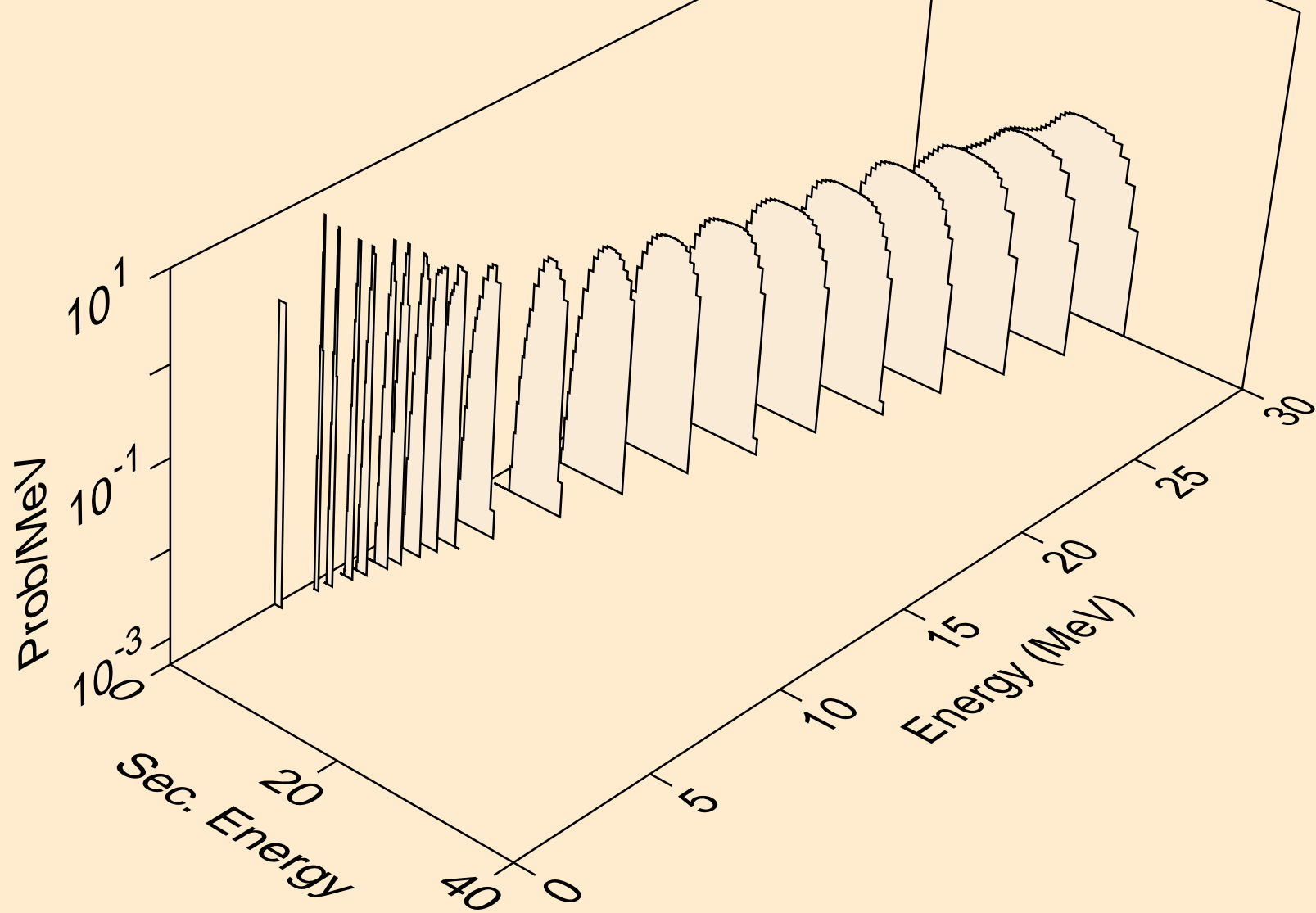
## Particle production cross sections



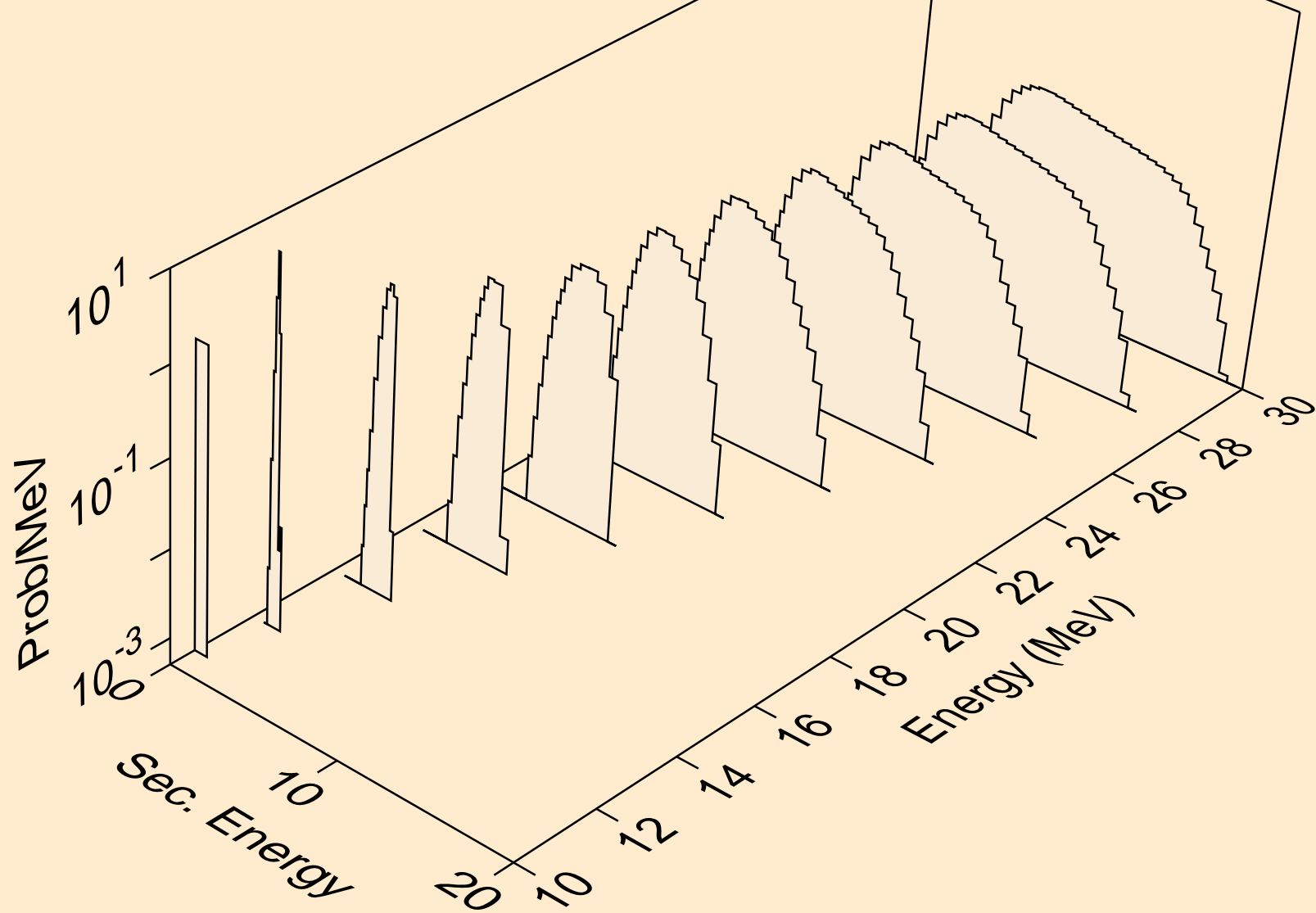
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



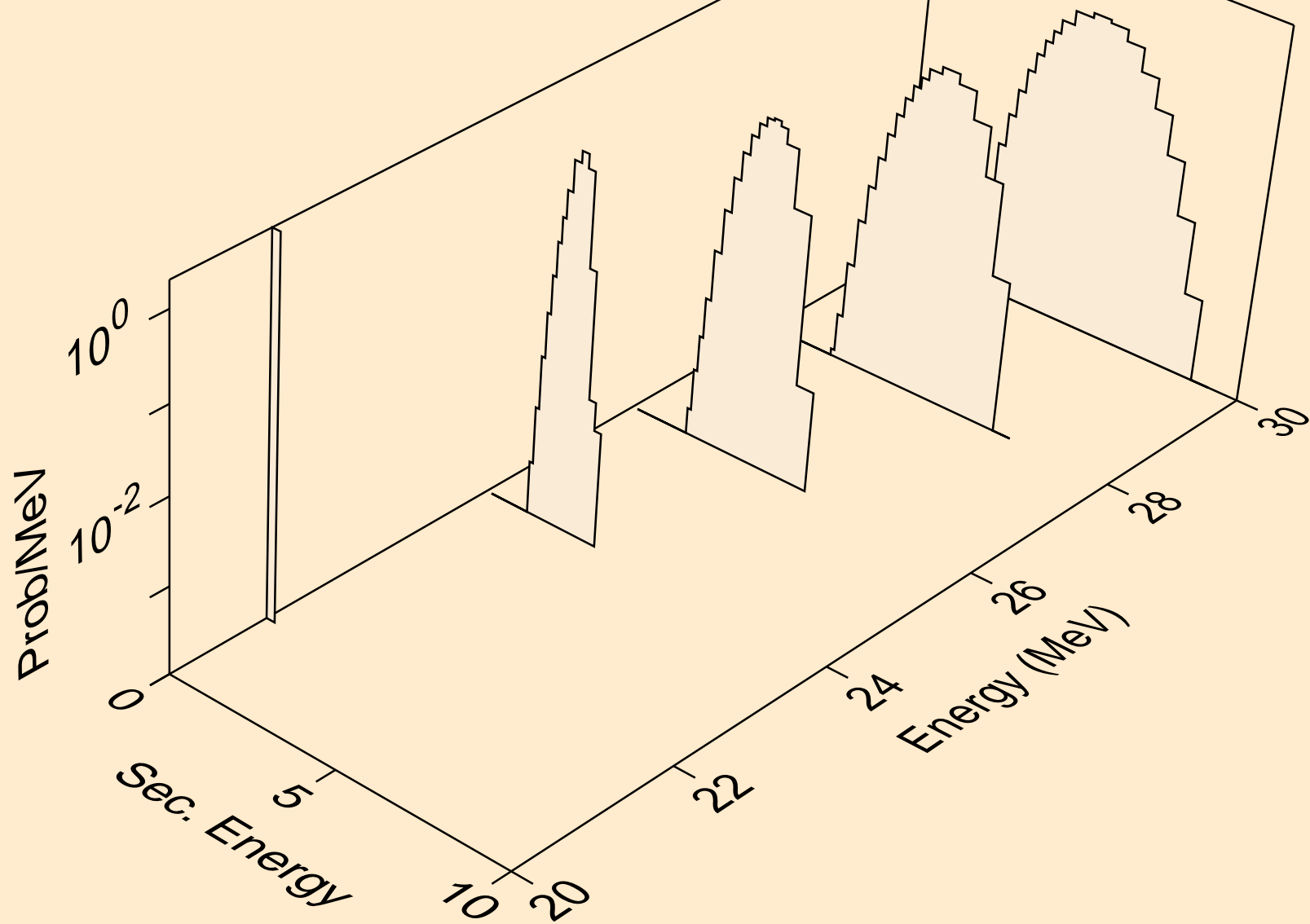
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



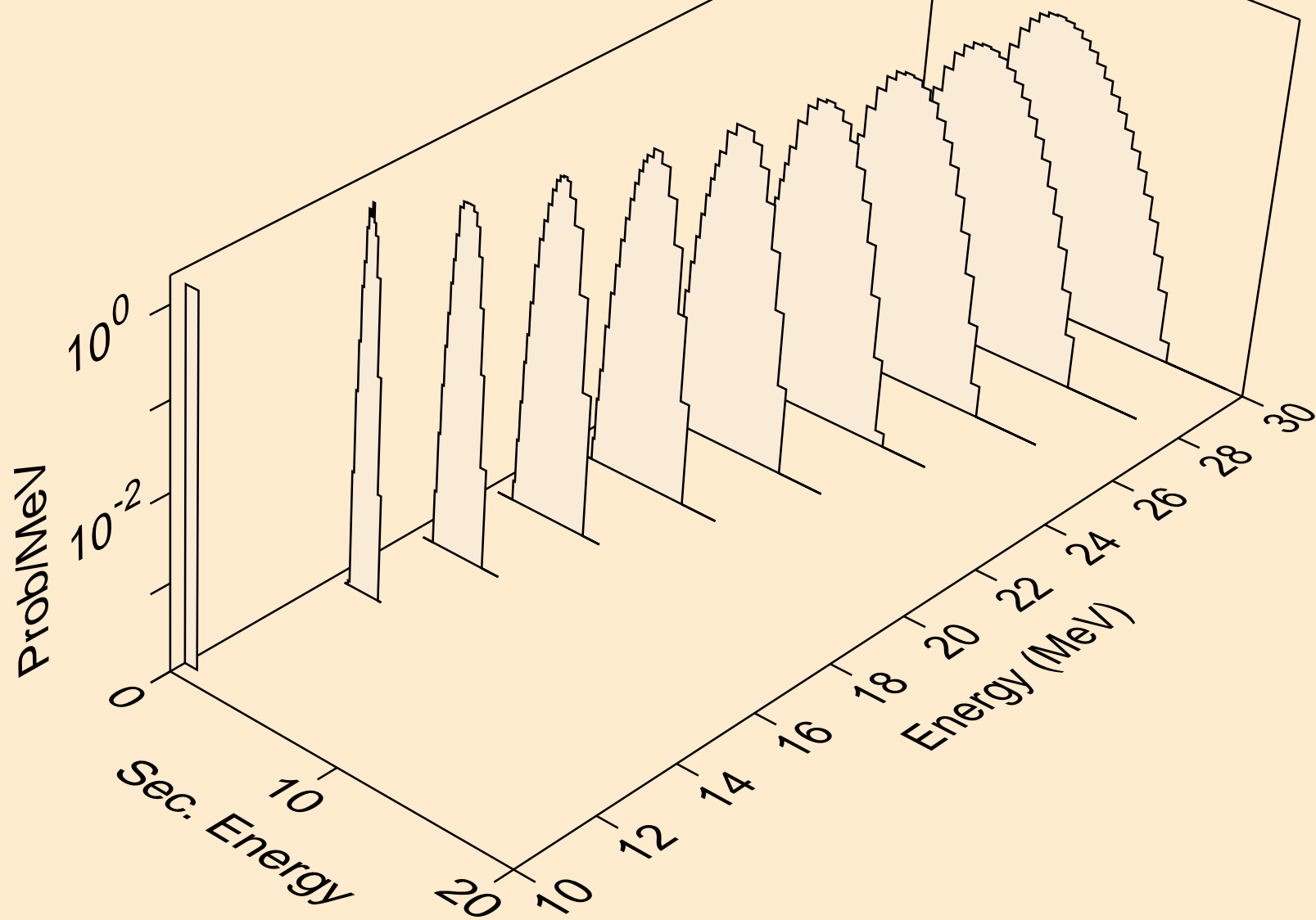
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protons from (n,2np)



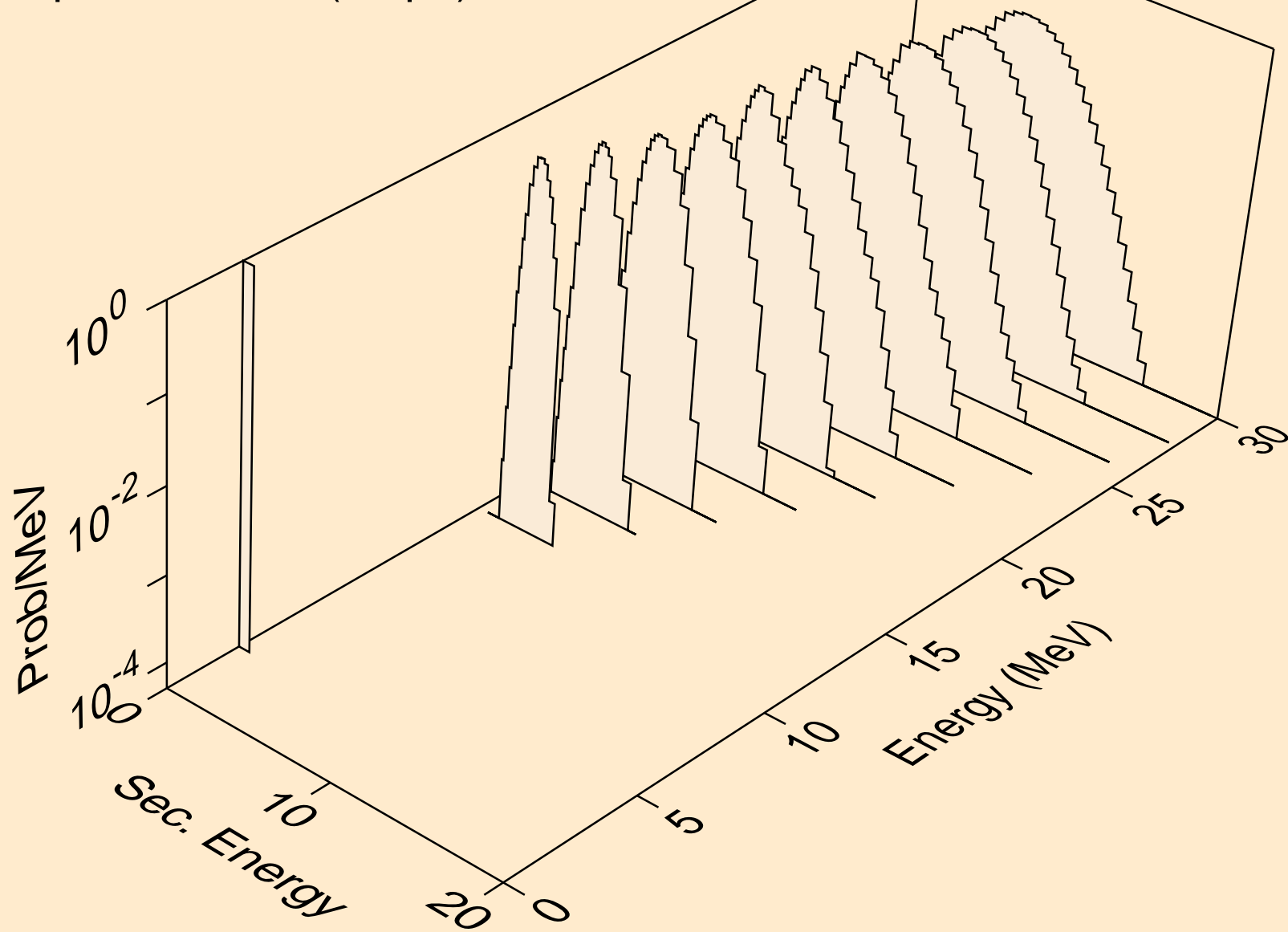
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protons from (n,3np)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

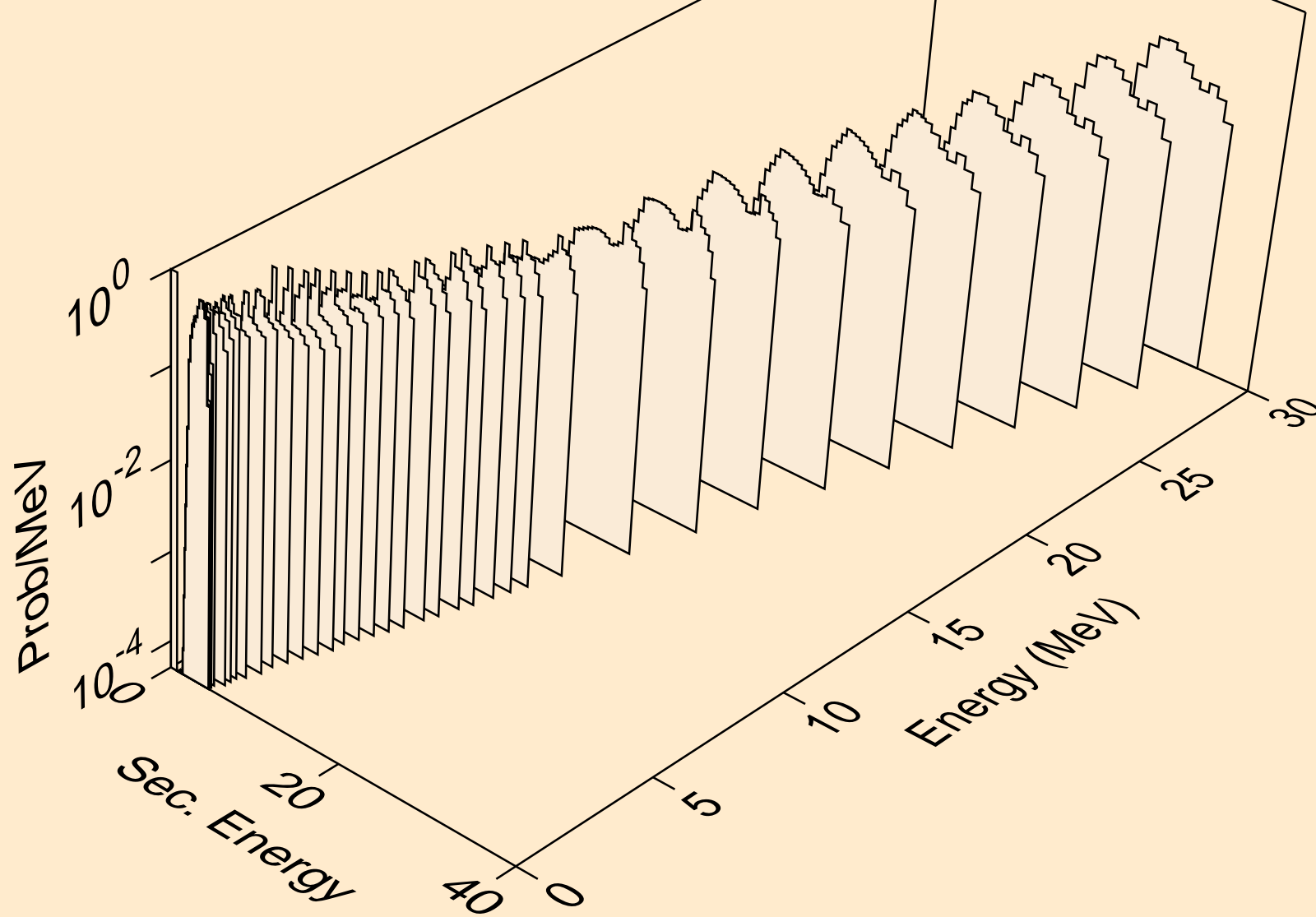


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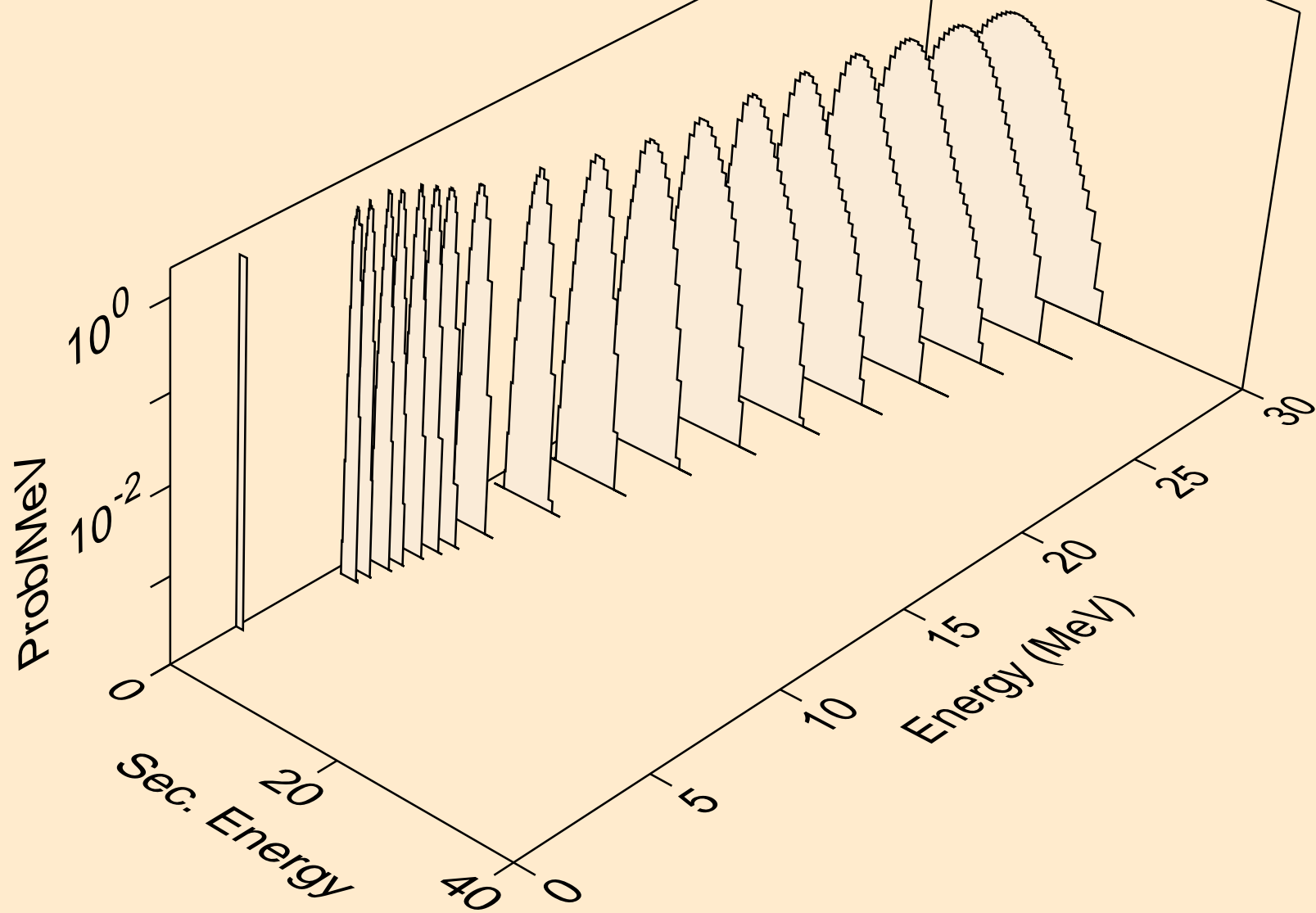




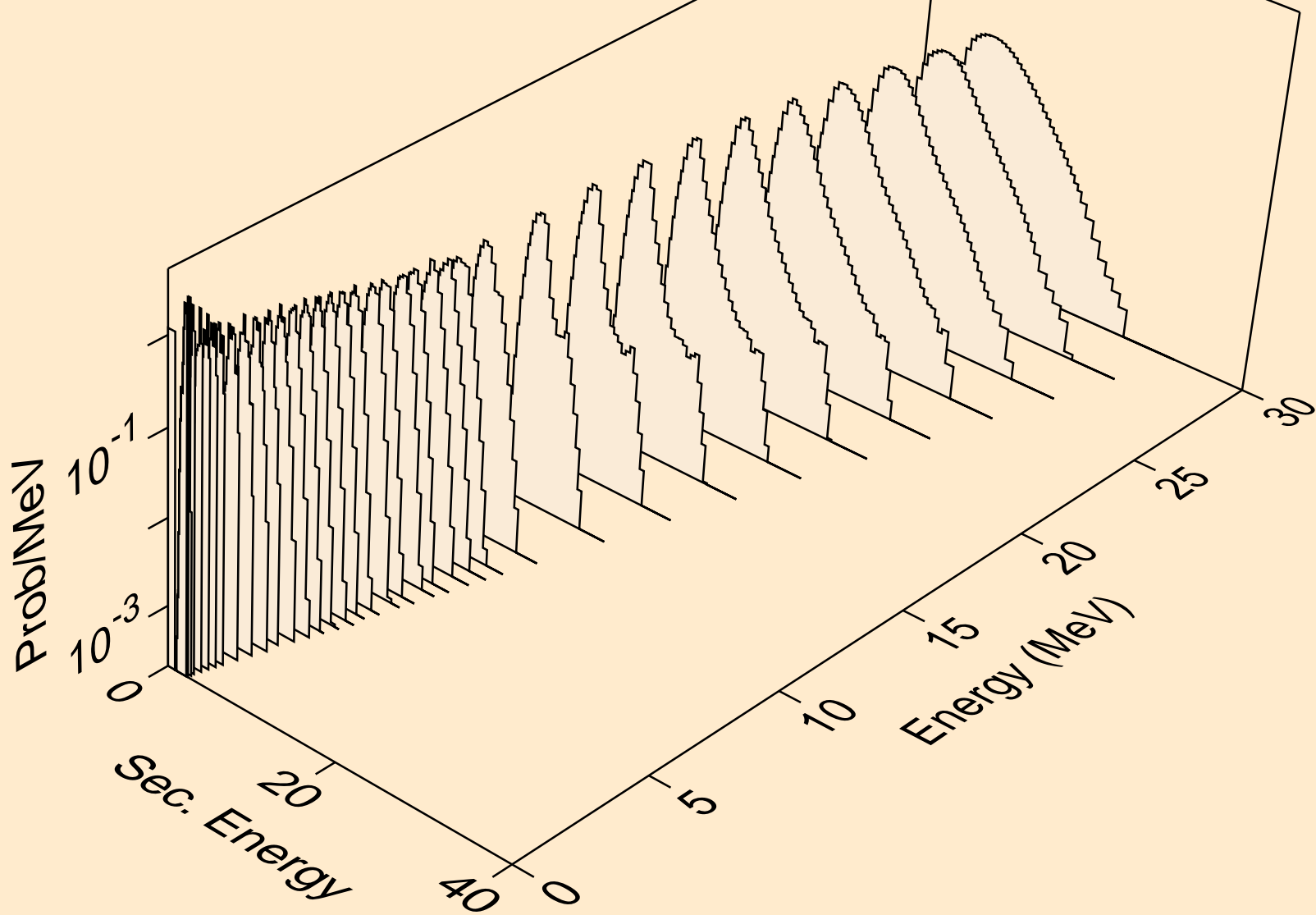
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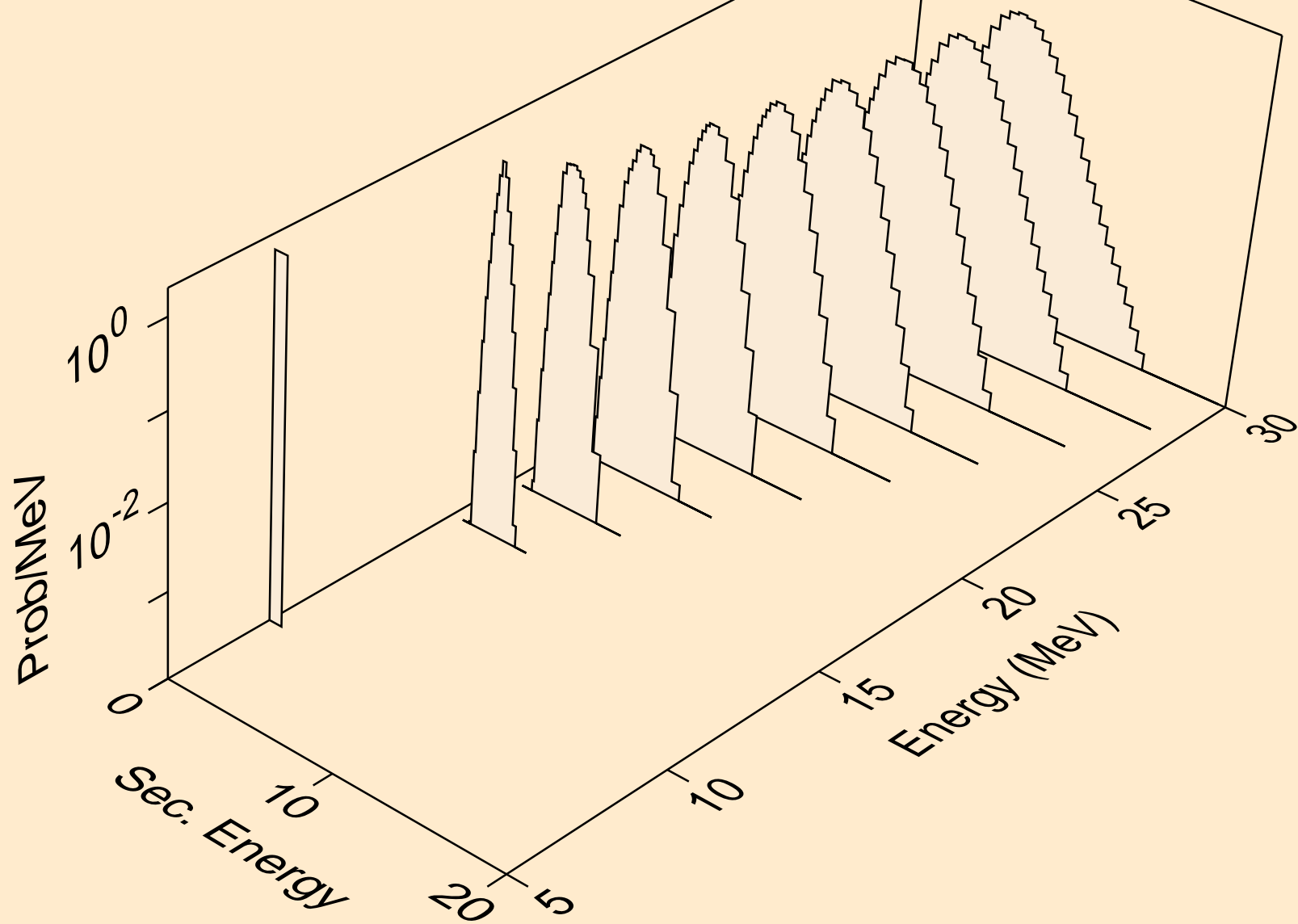
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protons from (n,2p)



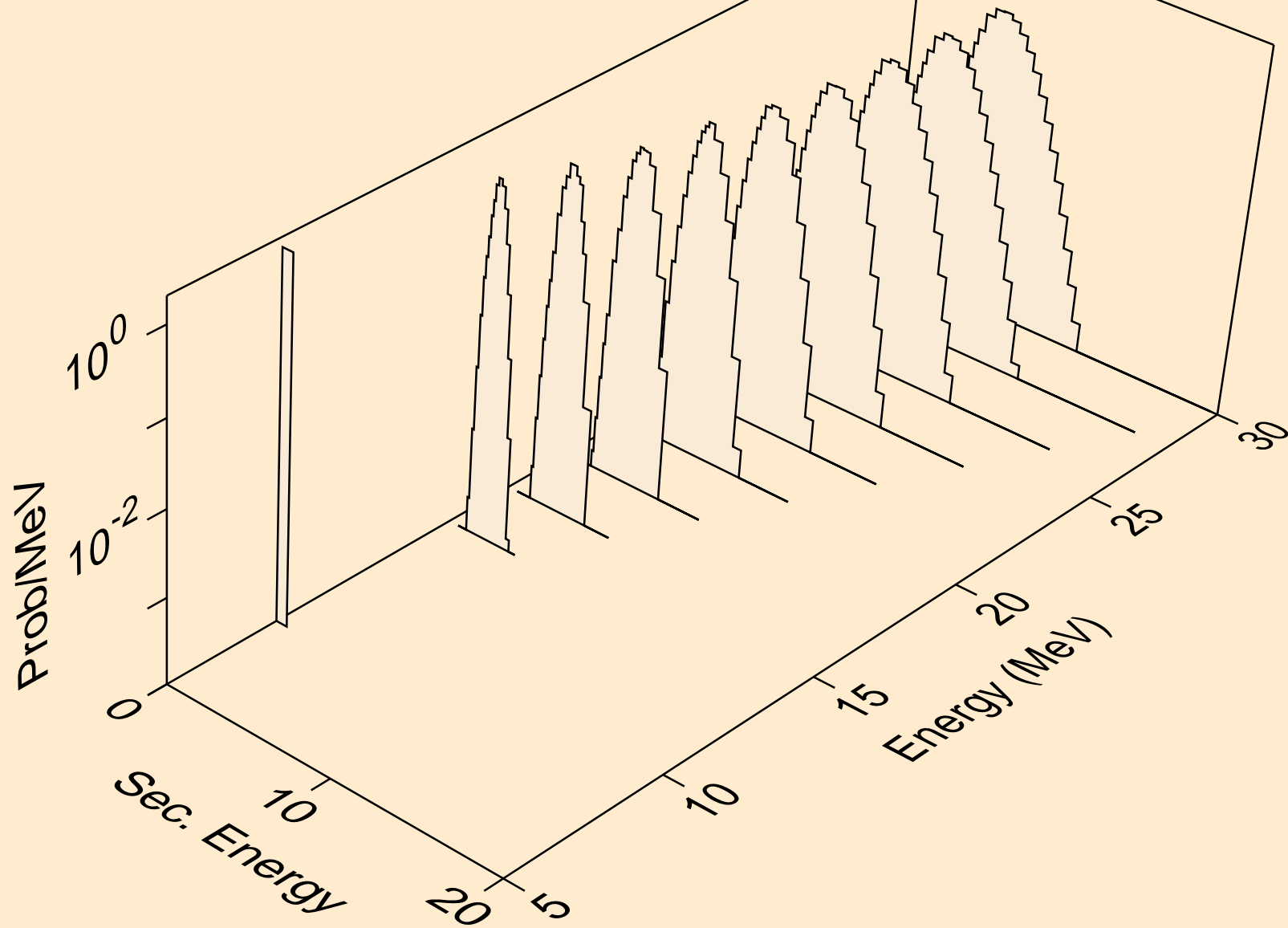
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protons from (n,p)



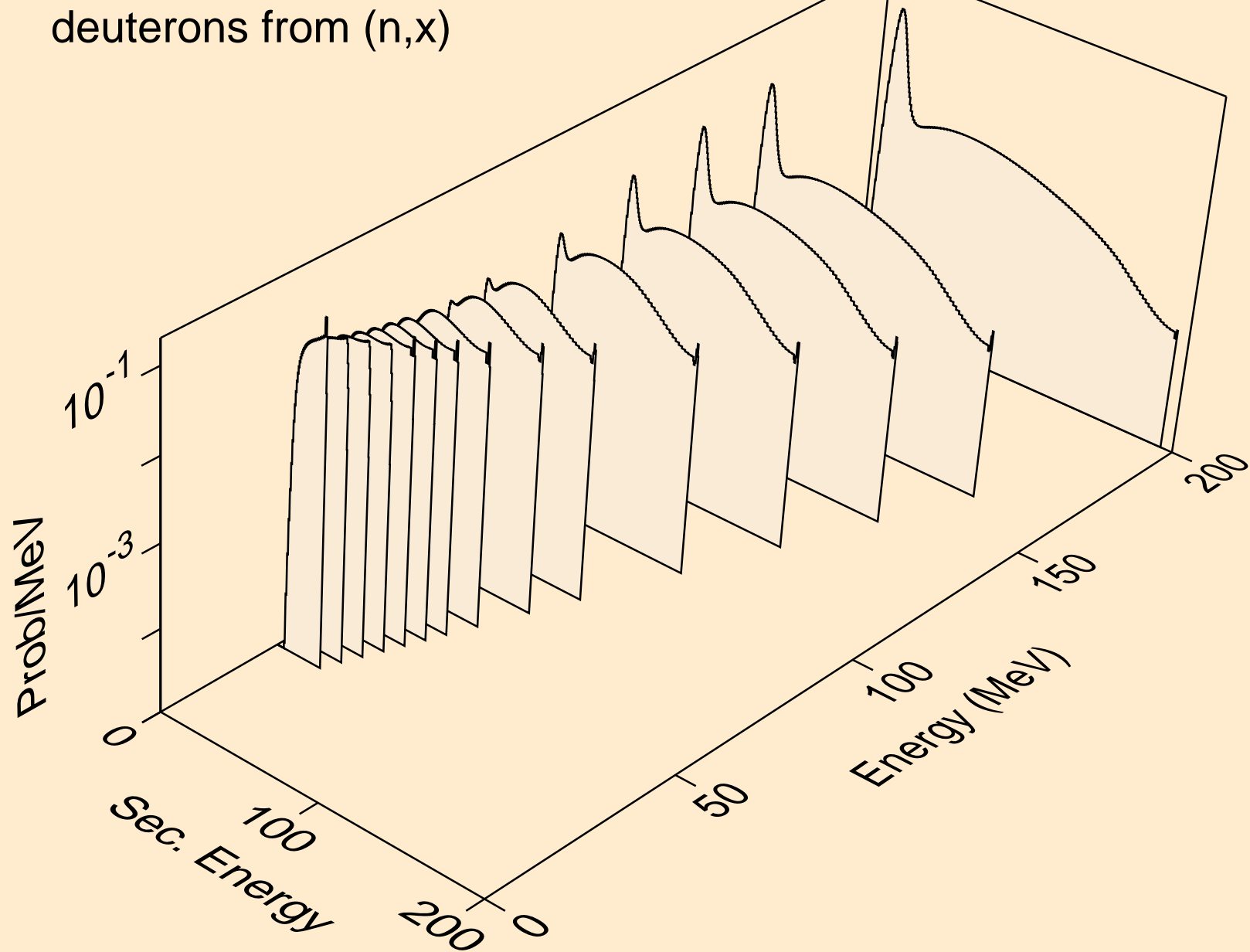
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protons from (n,pd)



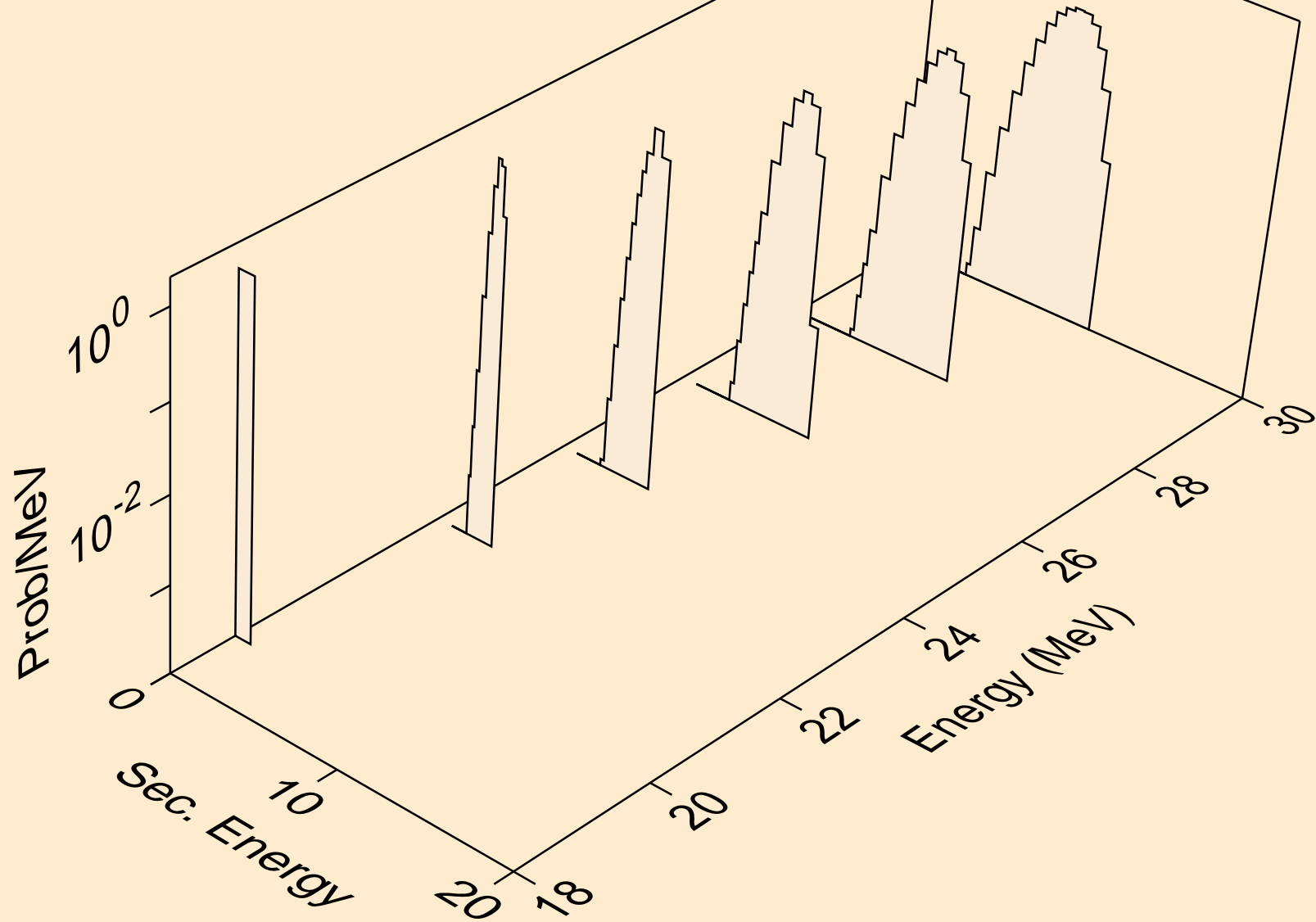
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protons from (n,pt)



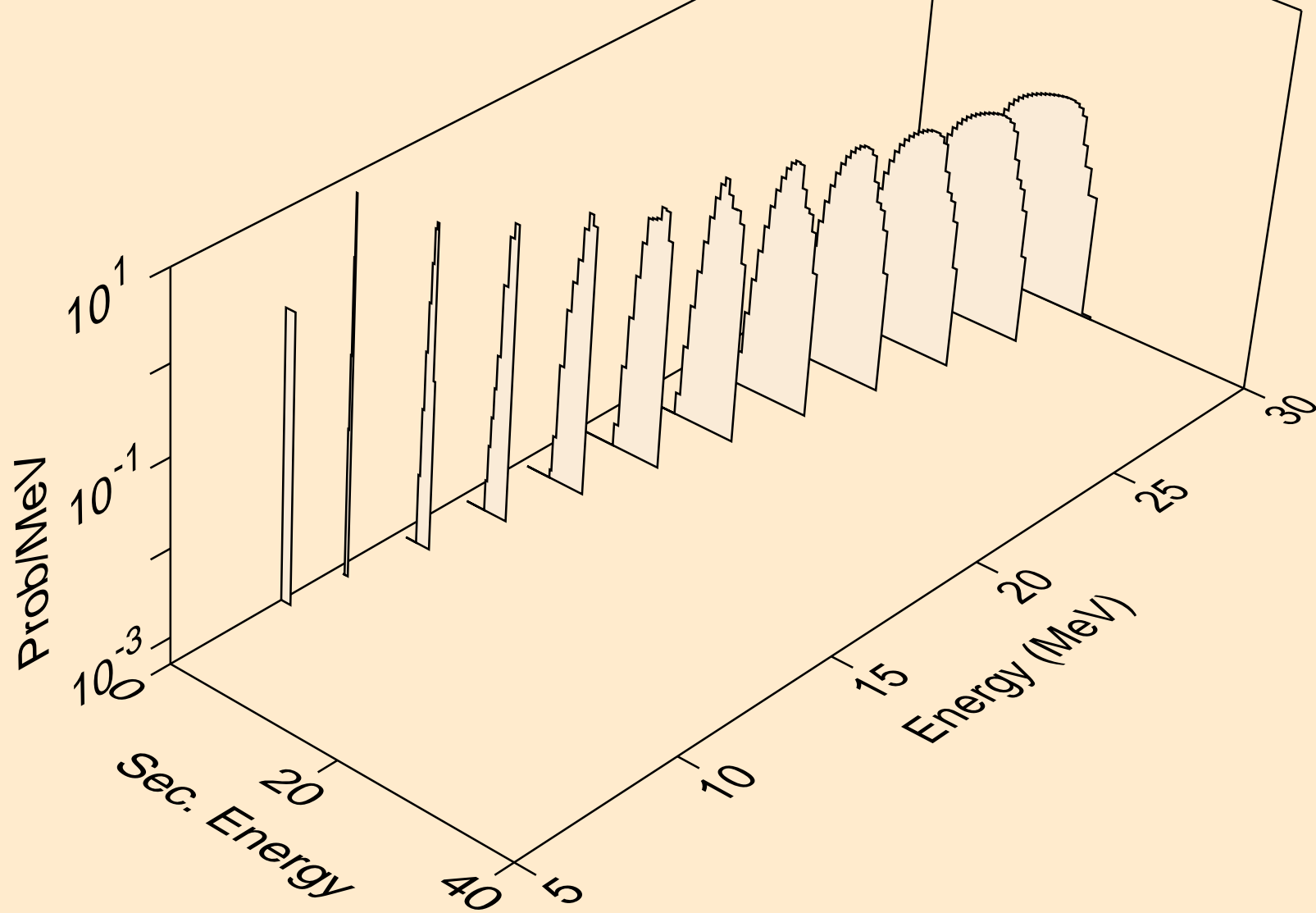
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

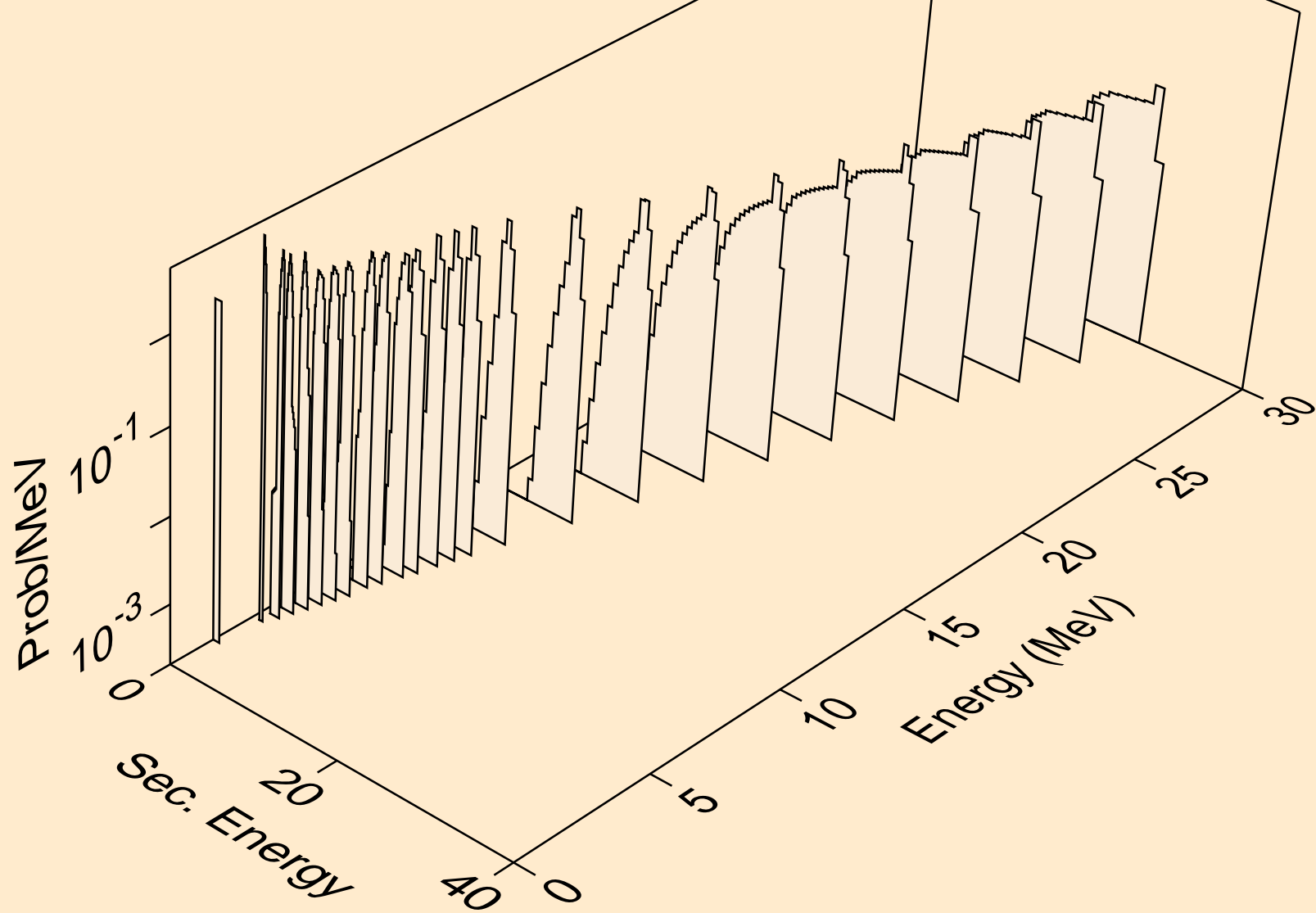


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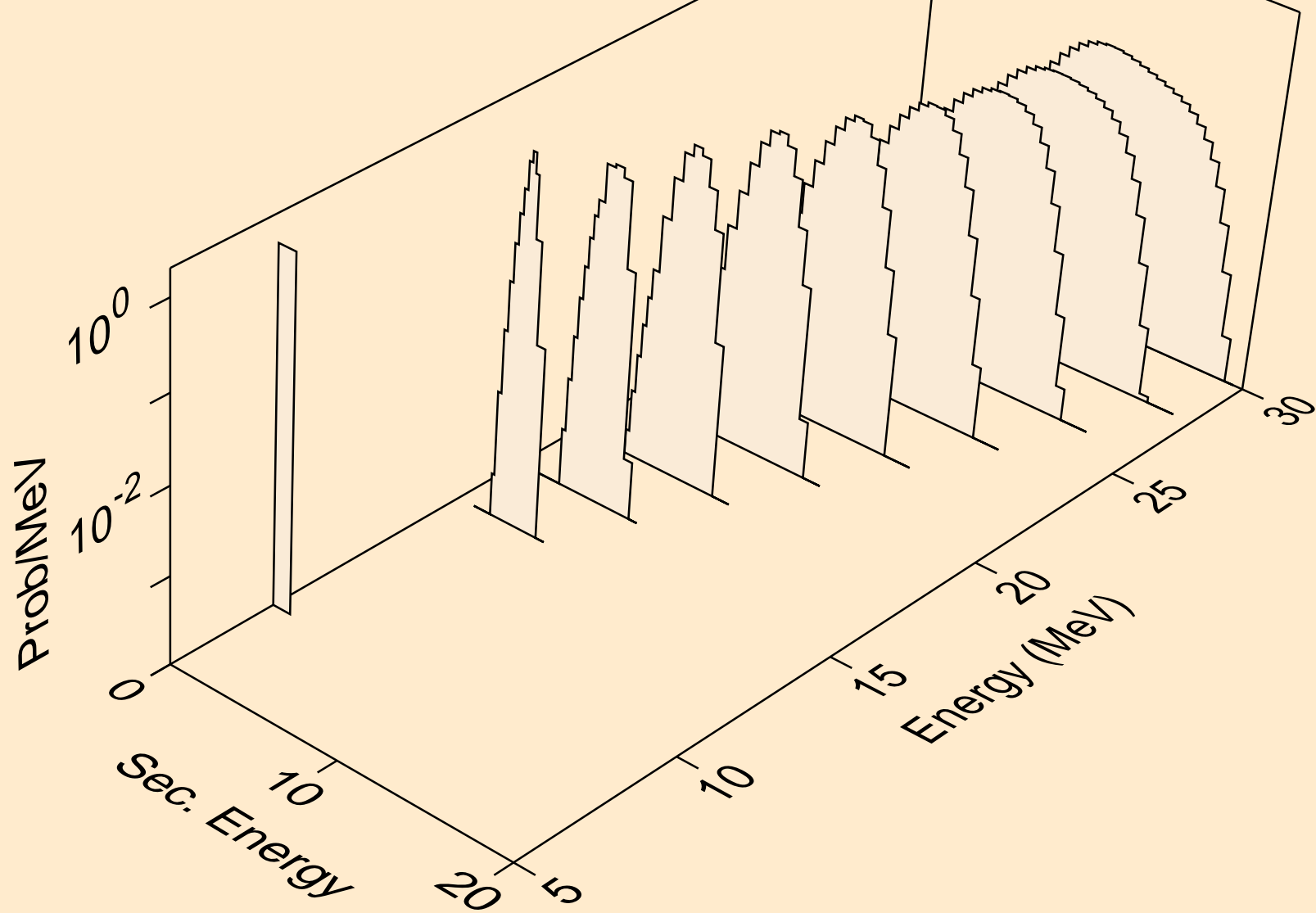




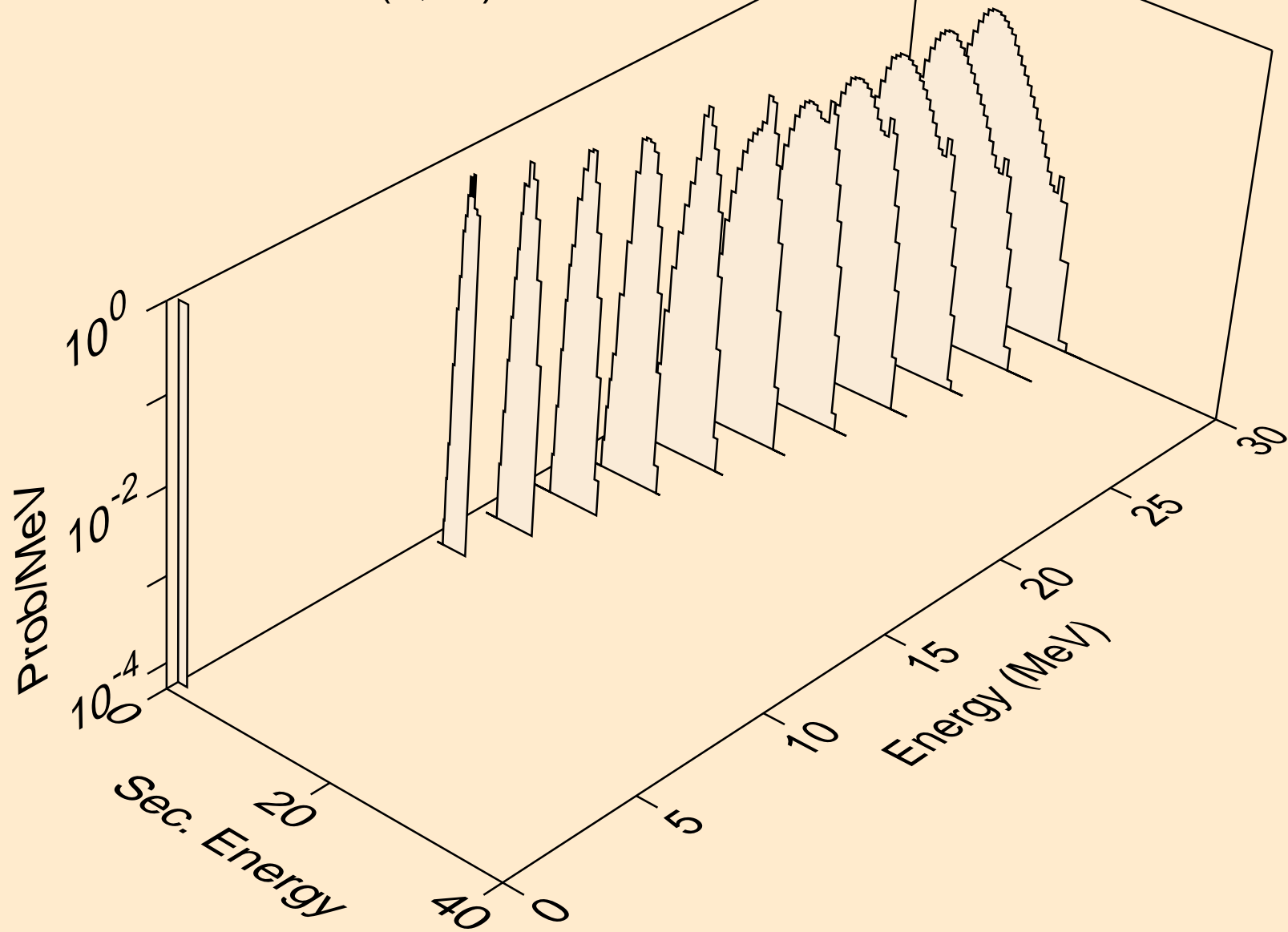
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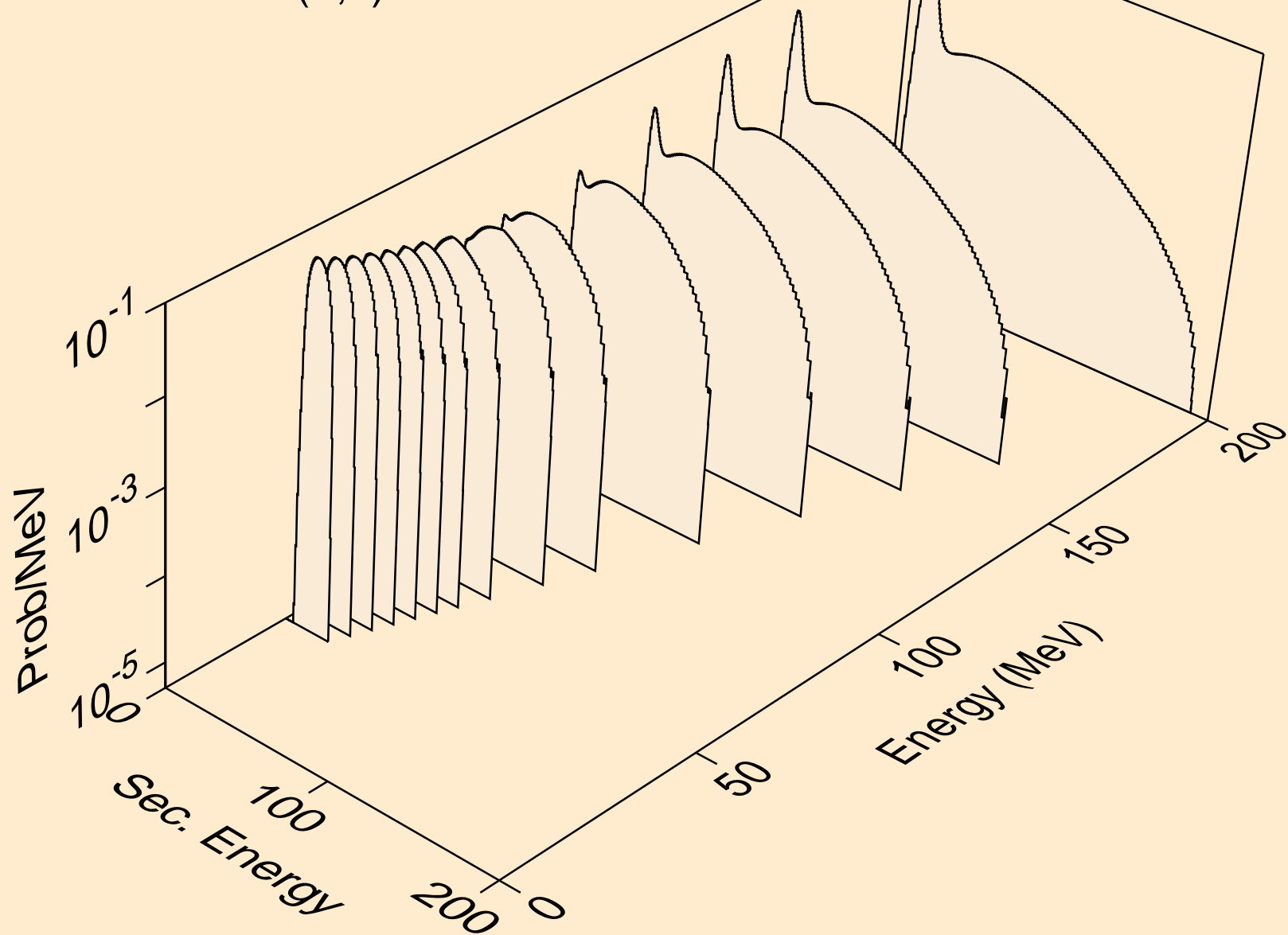
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deuterons from (n,pd)



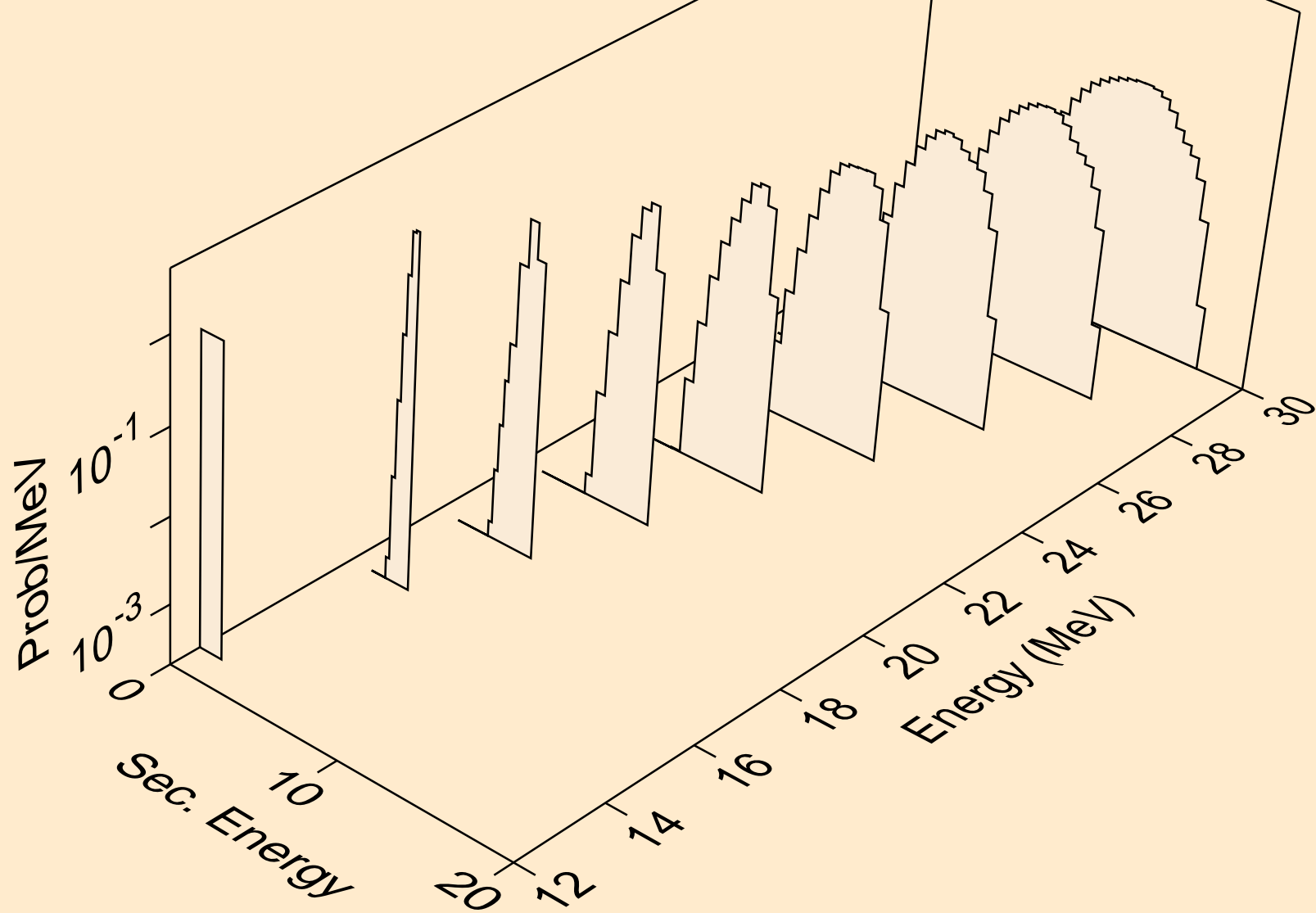
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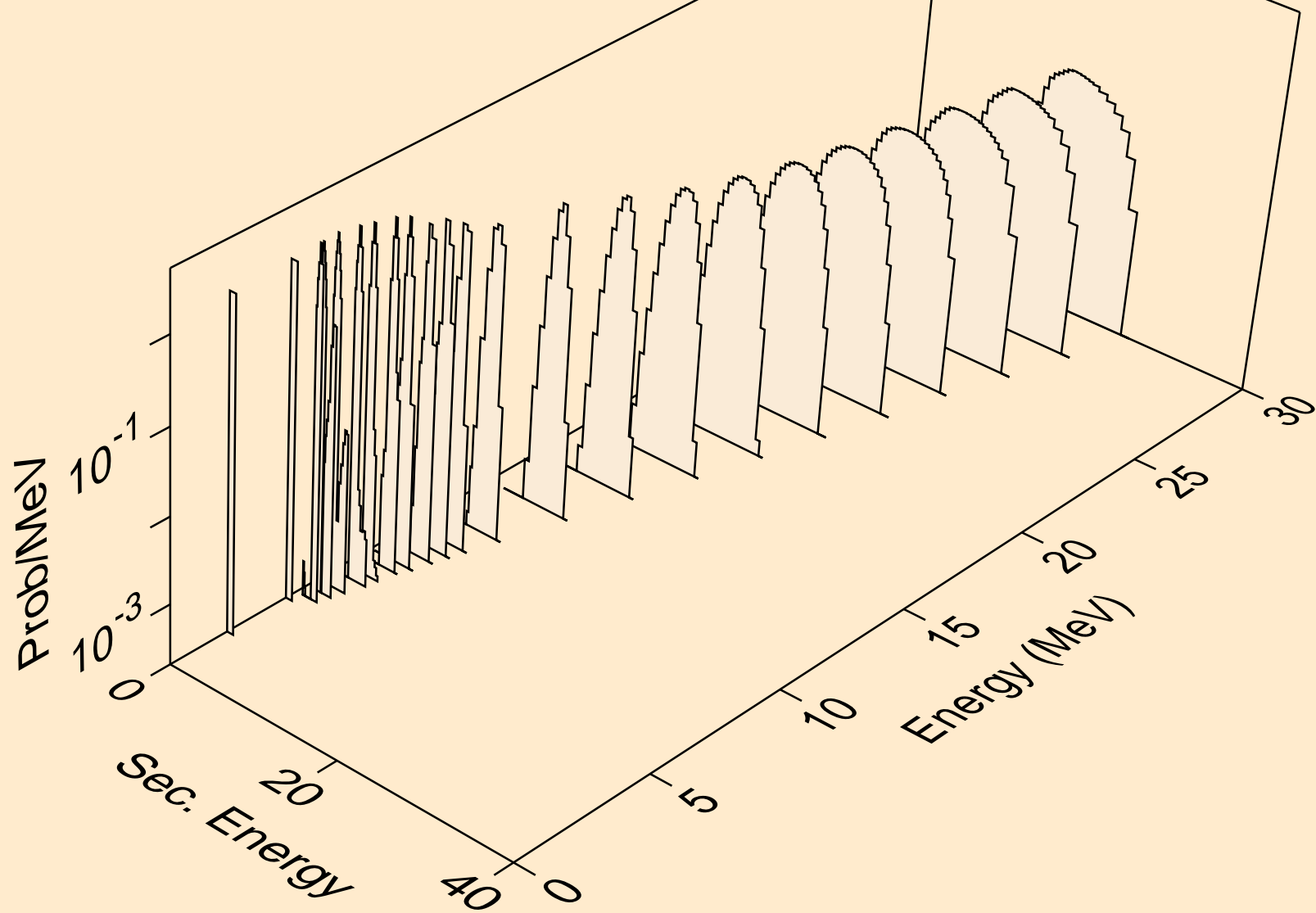
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tritons from (n,x)



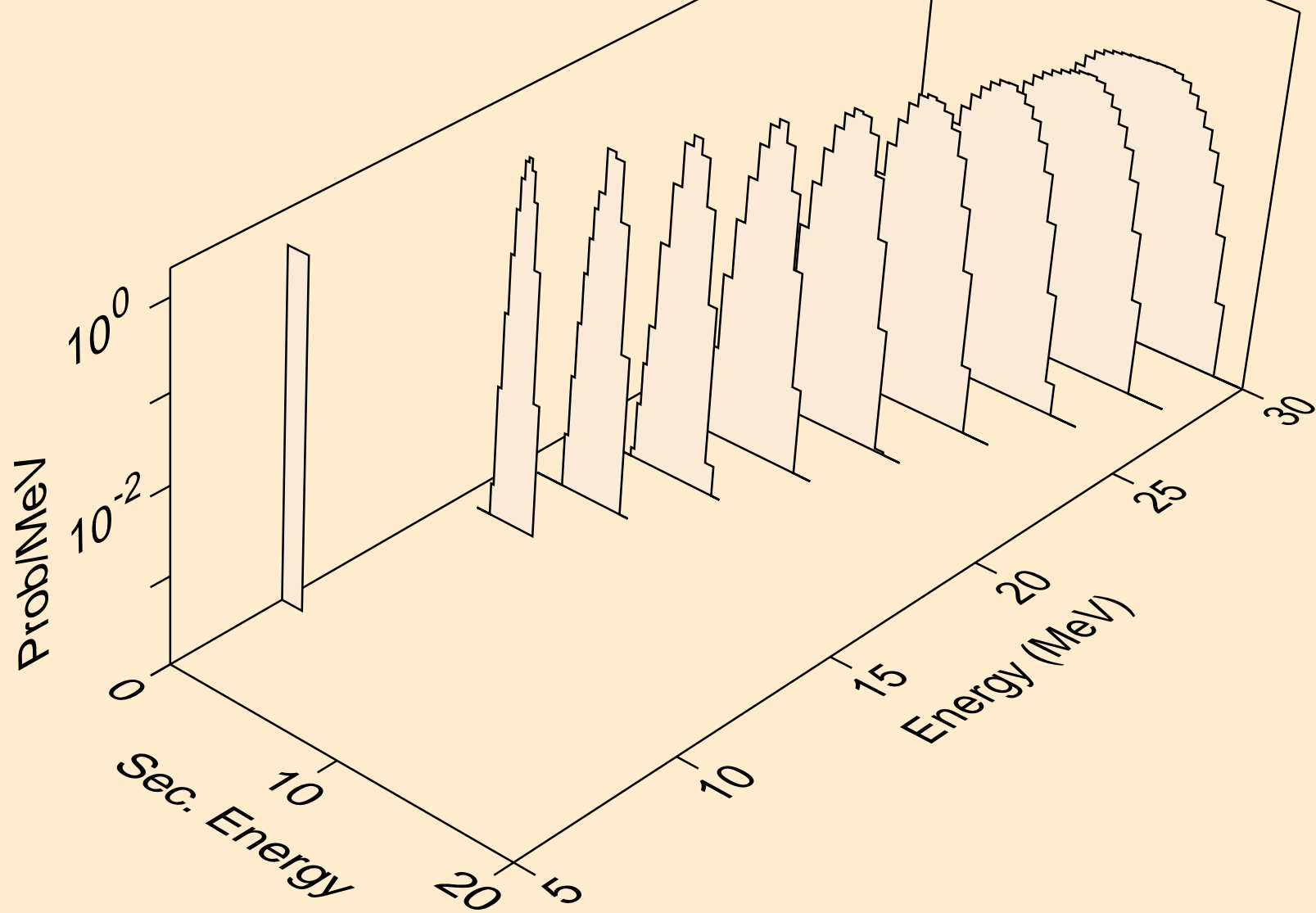
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tritons from (n,n\*)t



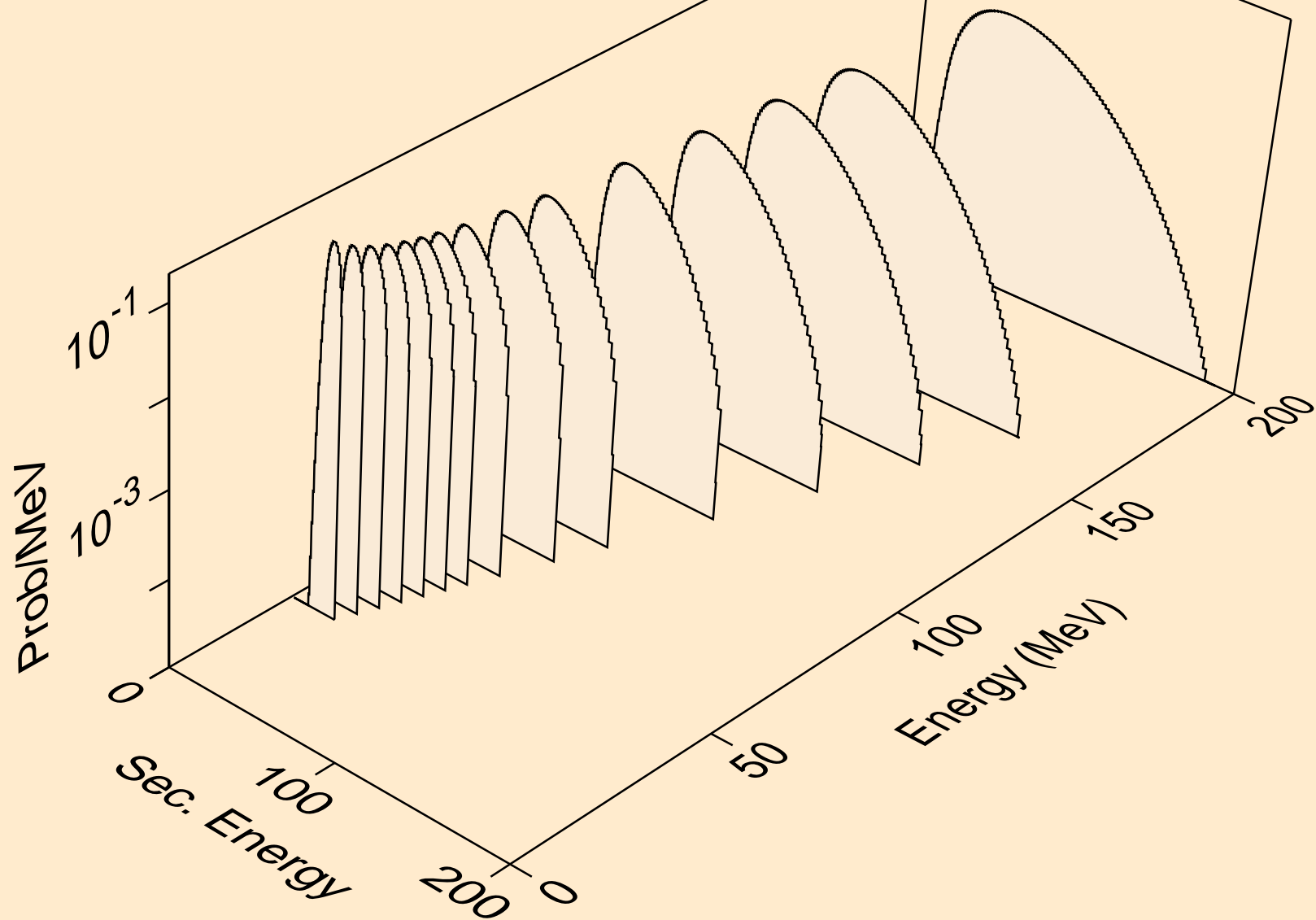
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

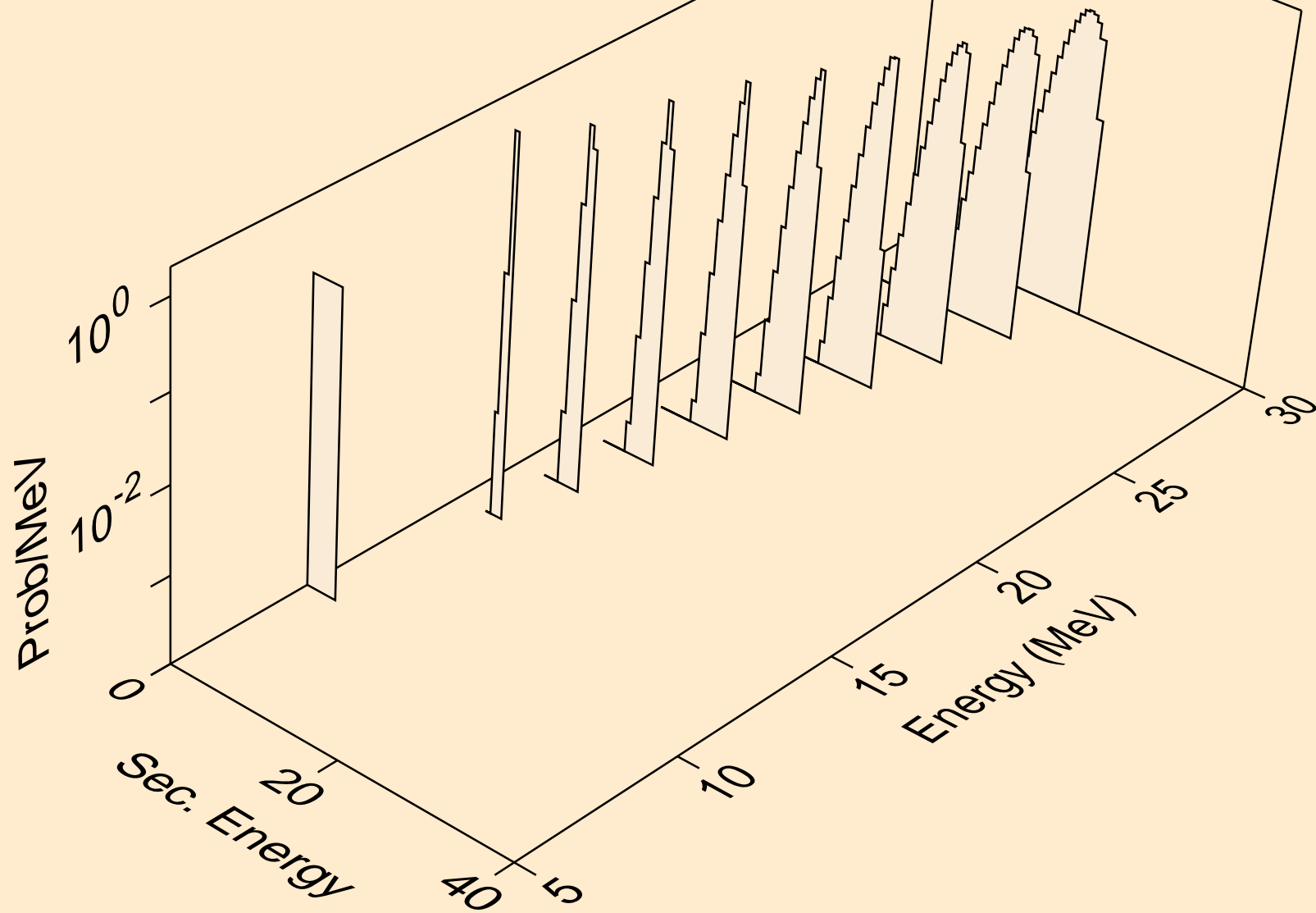


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

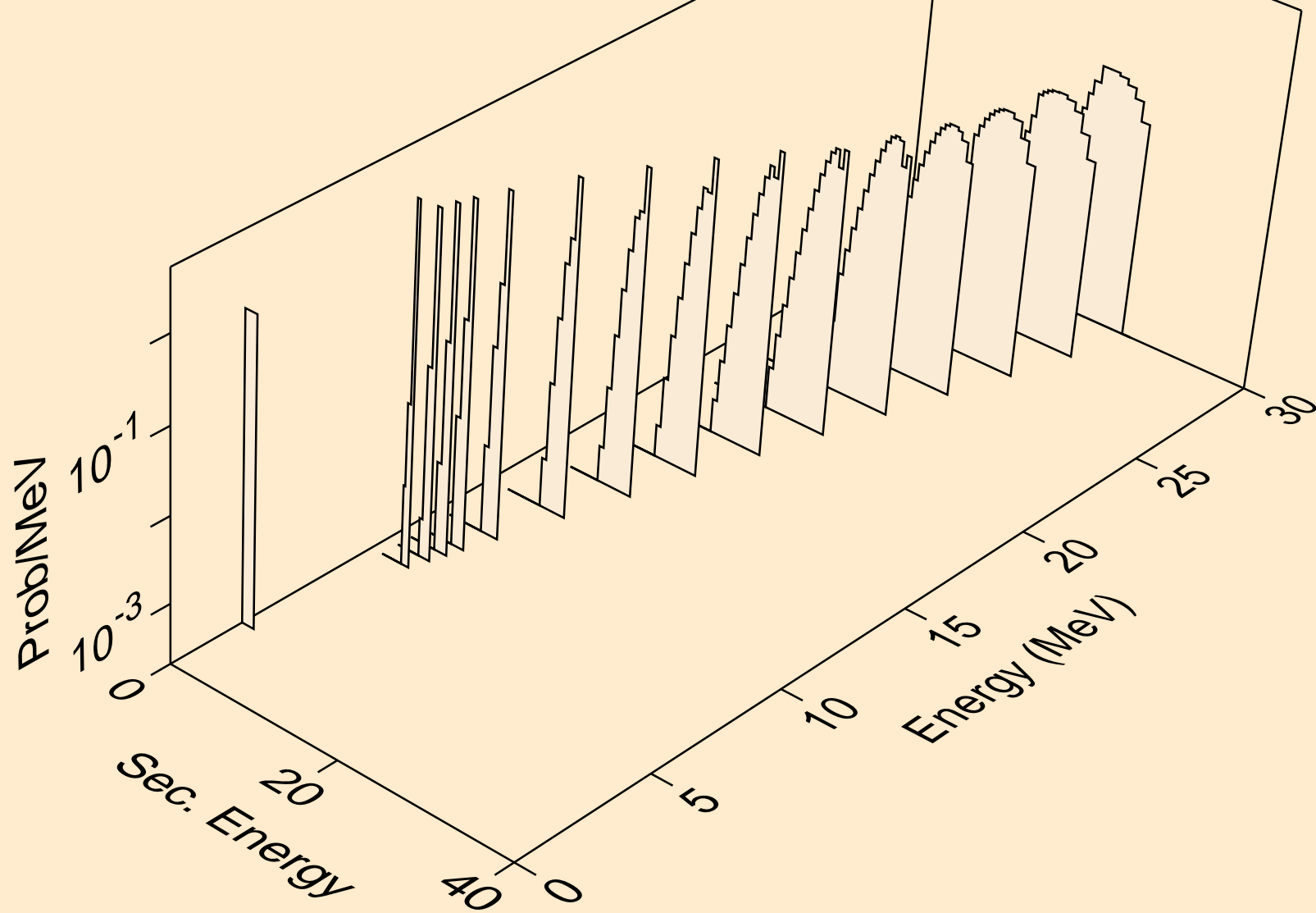




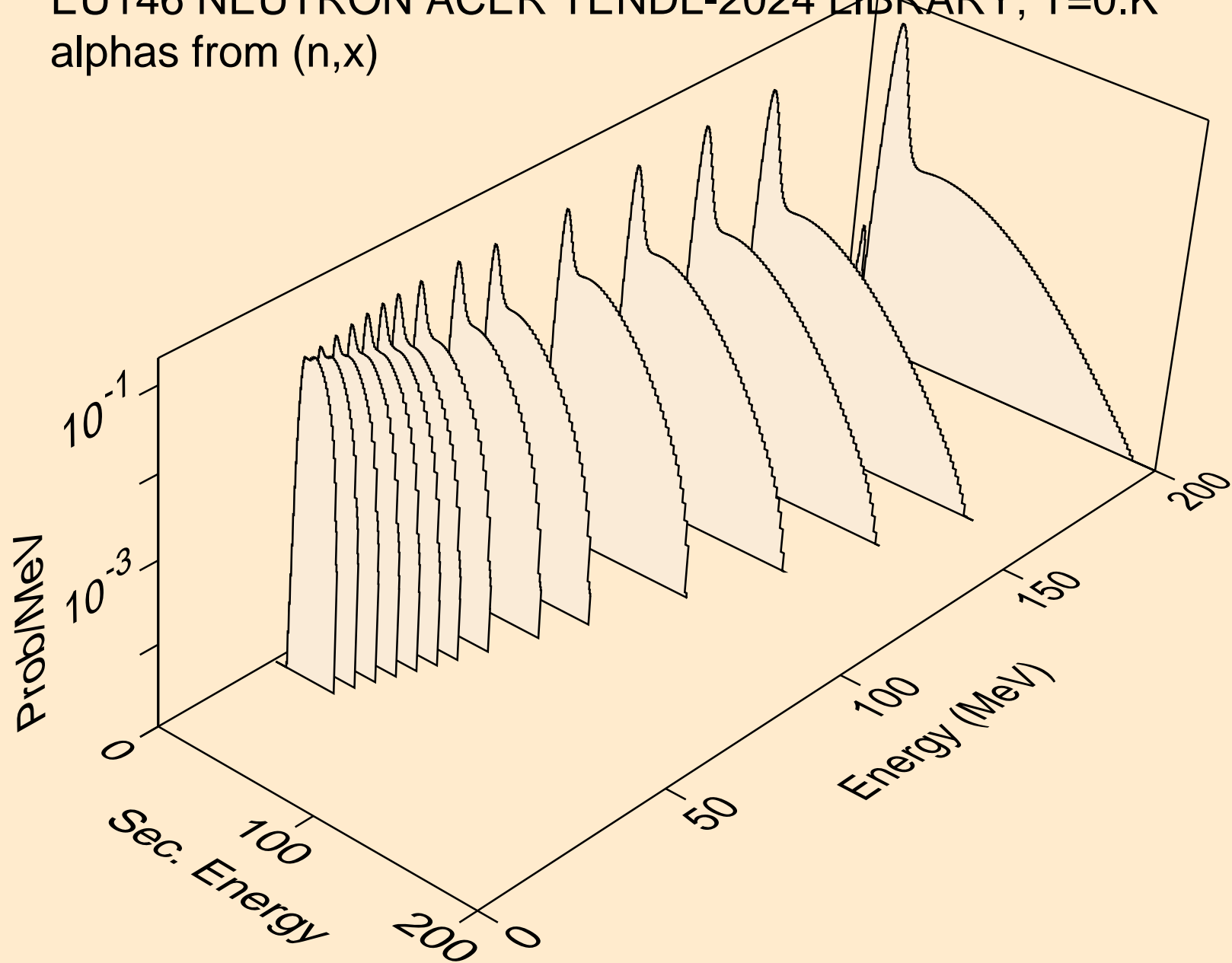
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



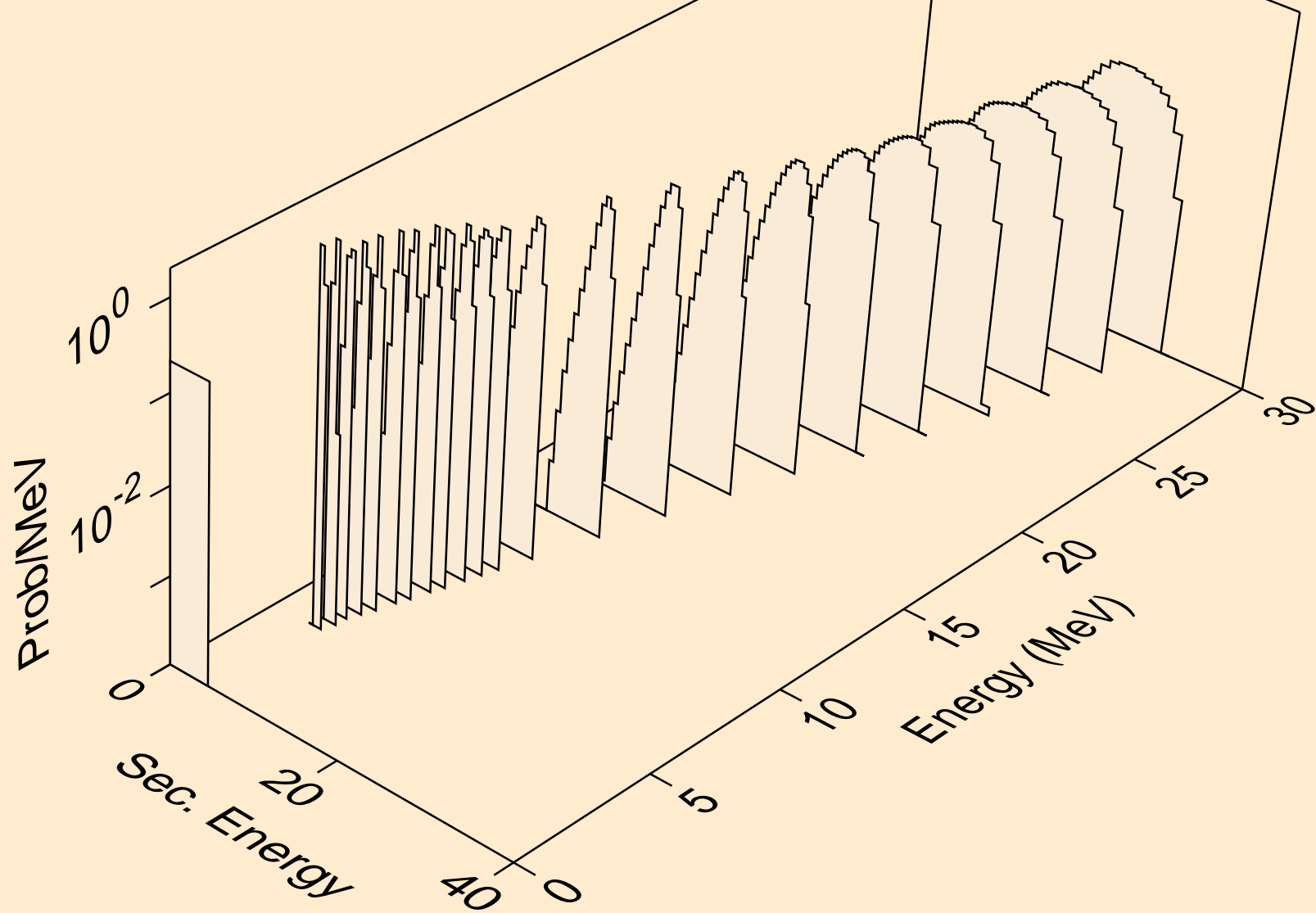
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he3s from (n,he3)



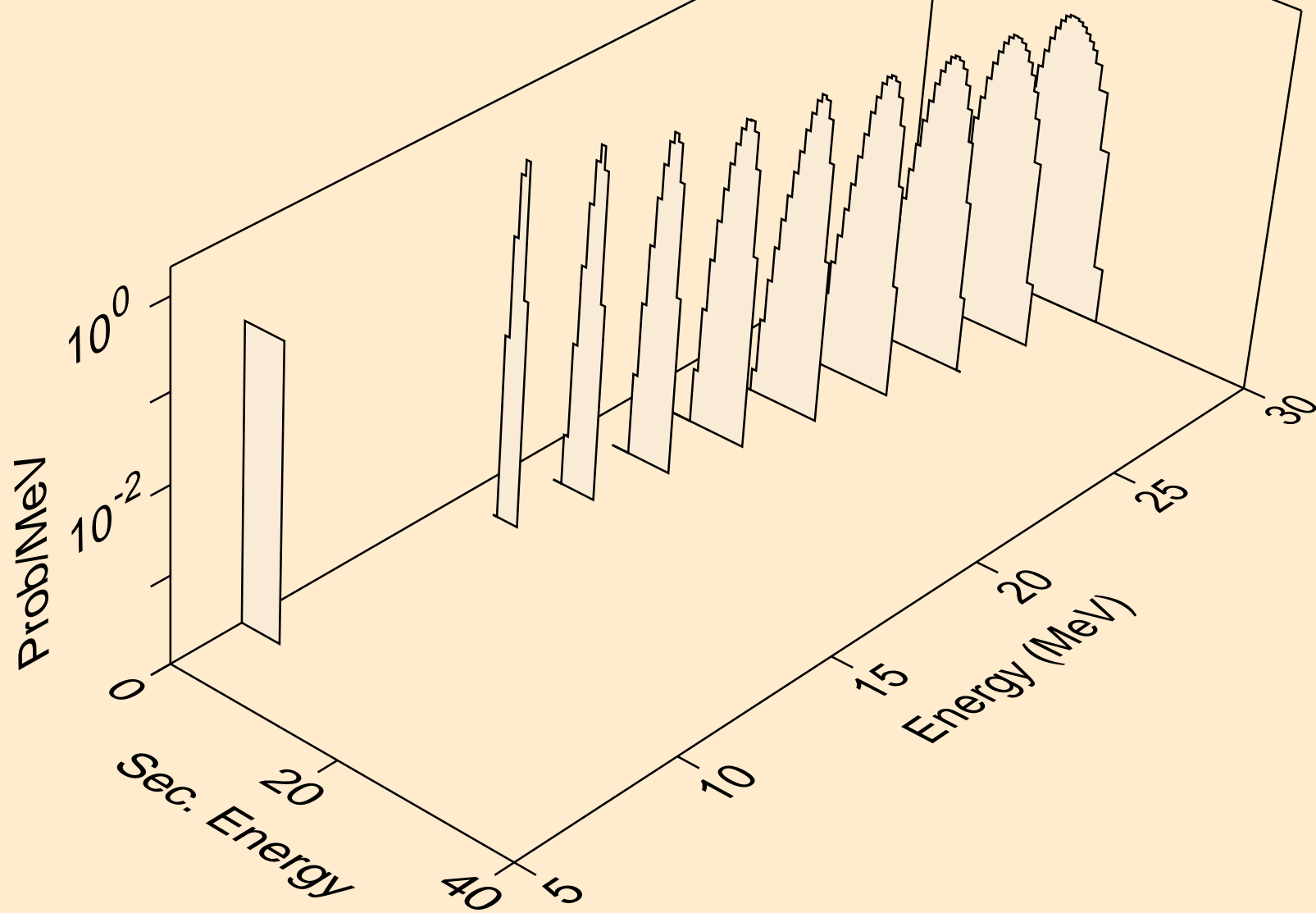
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alphas from (n,x)



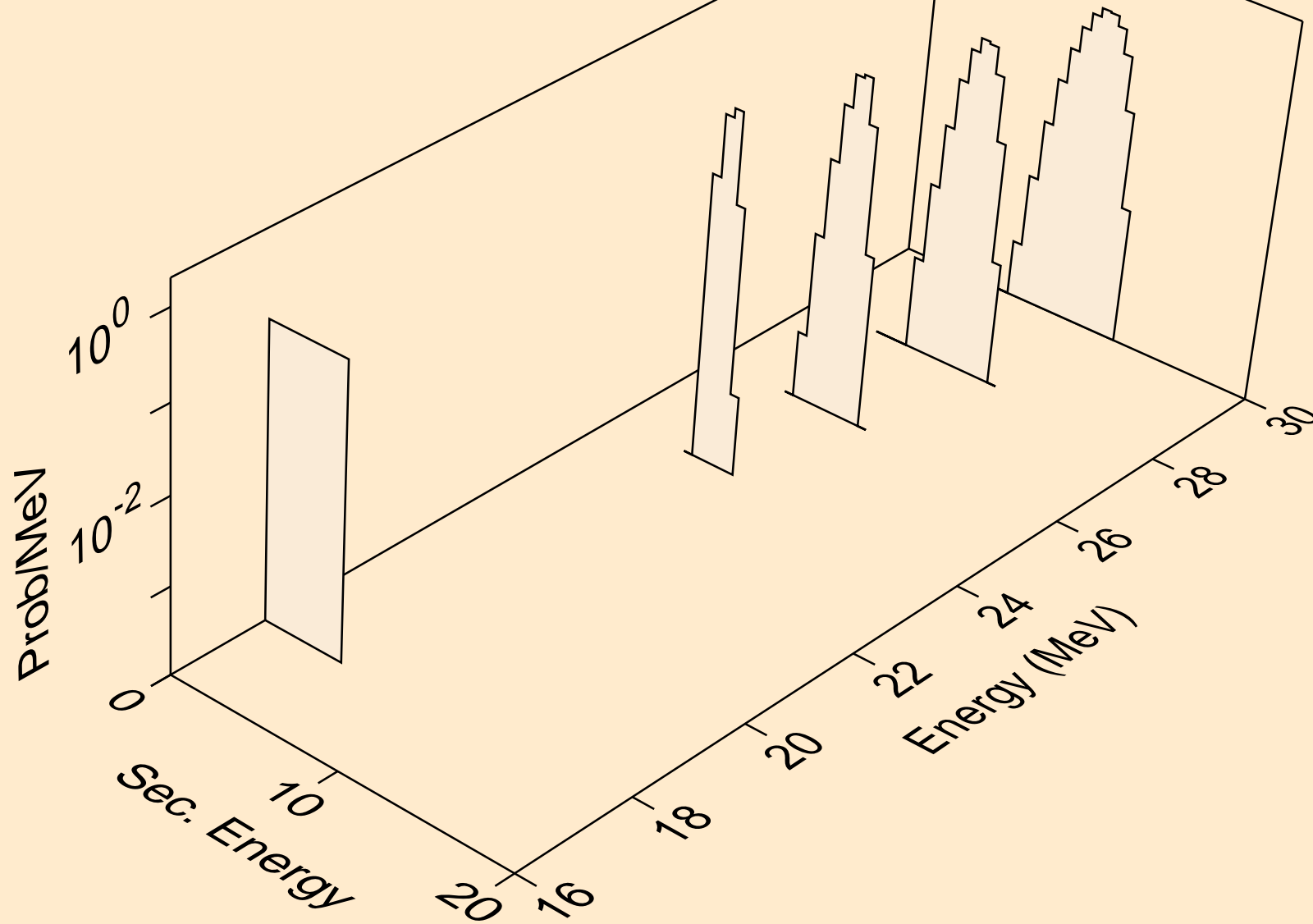
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alphas from (n,n\*)a



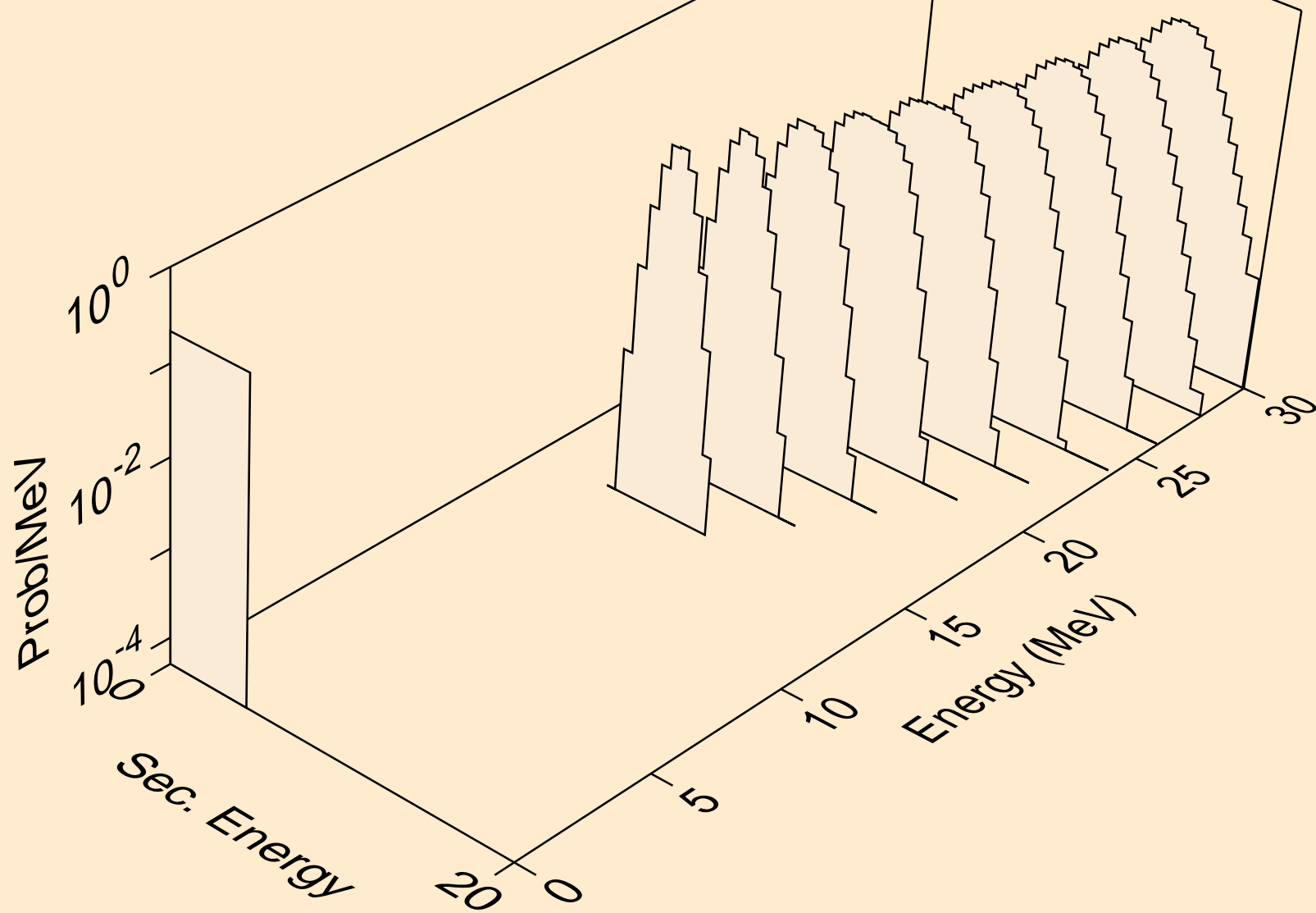
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alphas from (n,2n)a



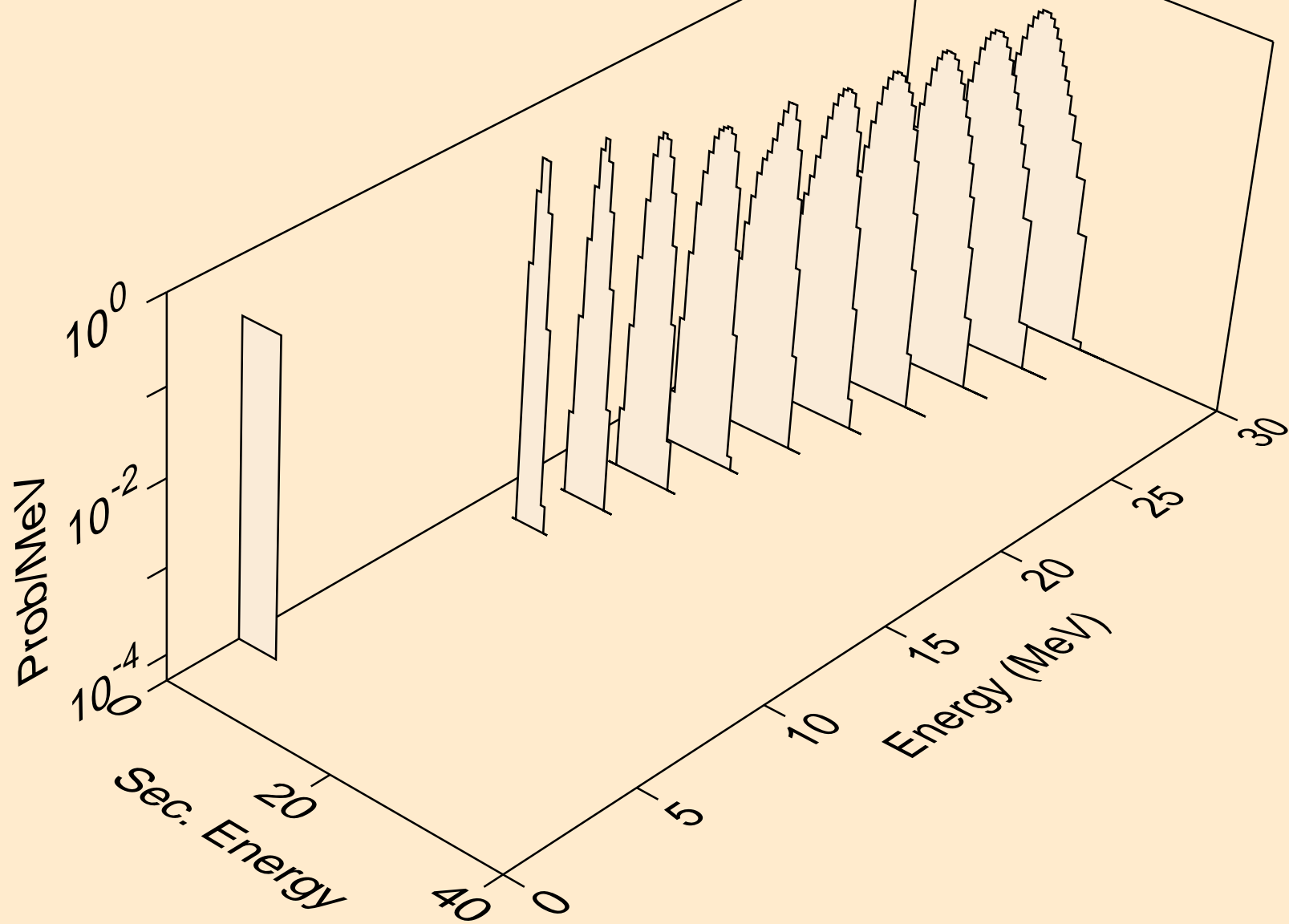
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

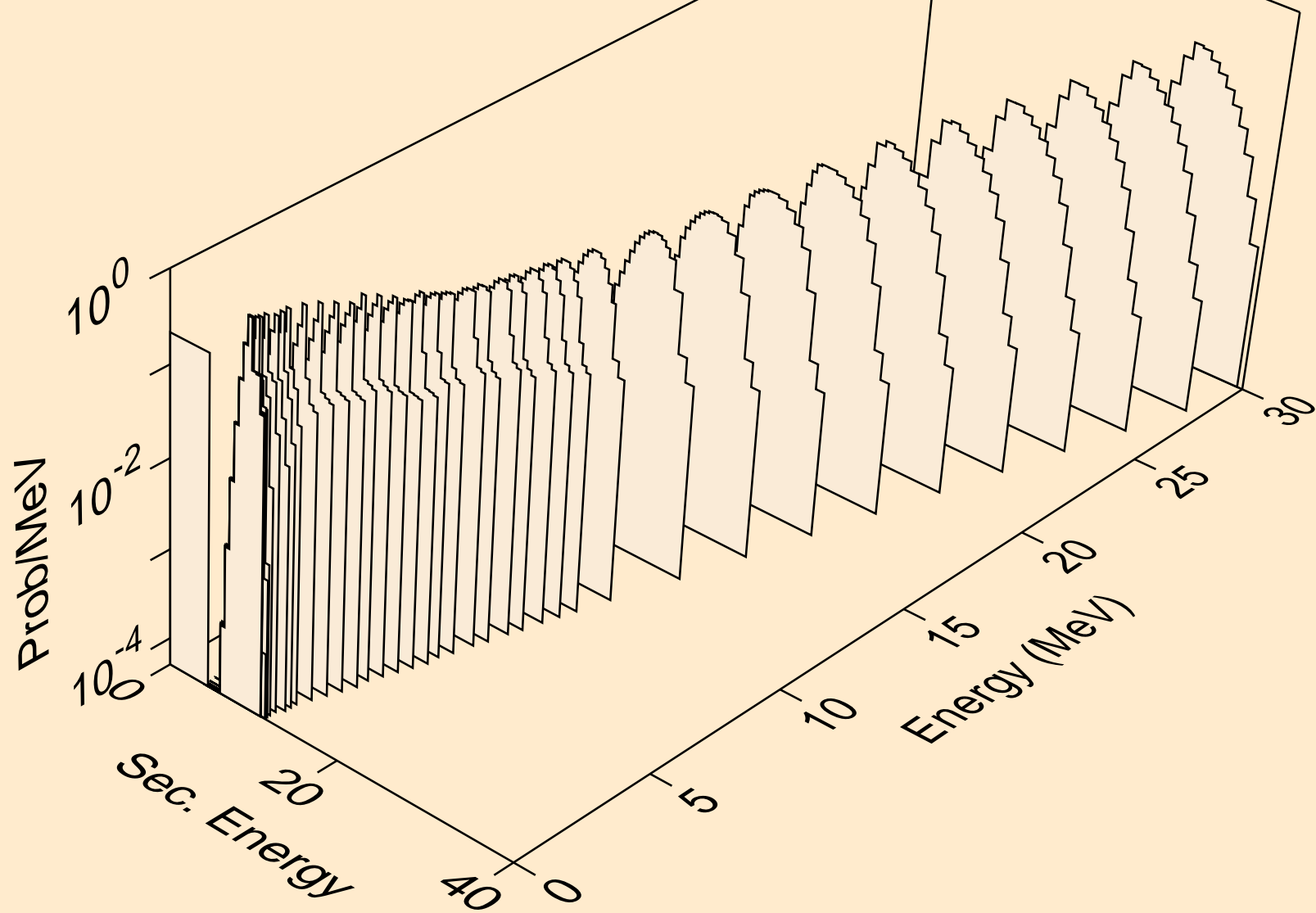


EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

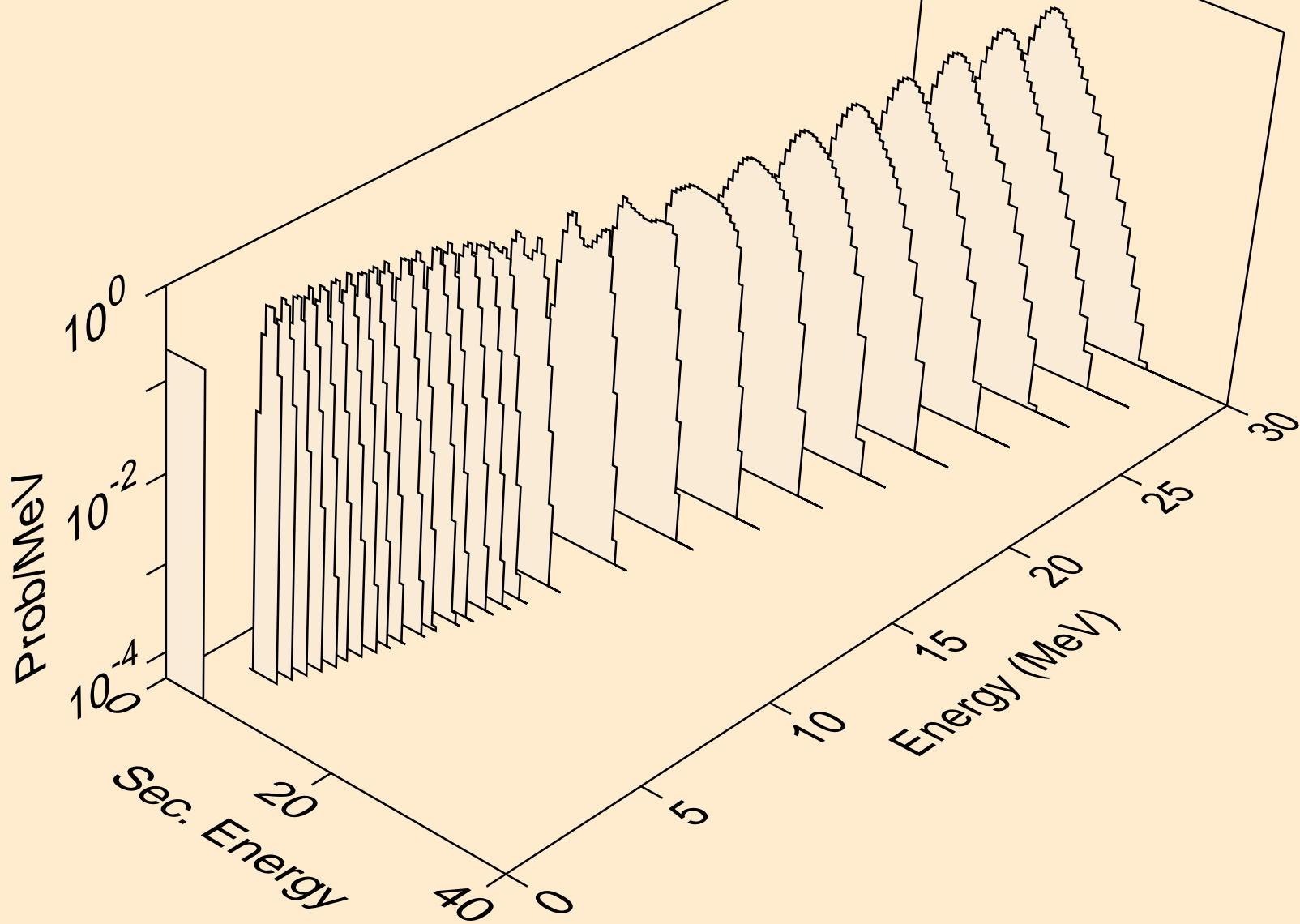




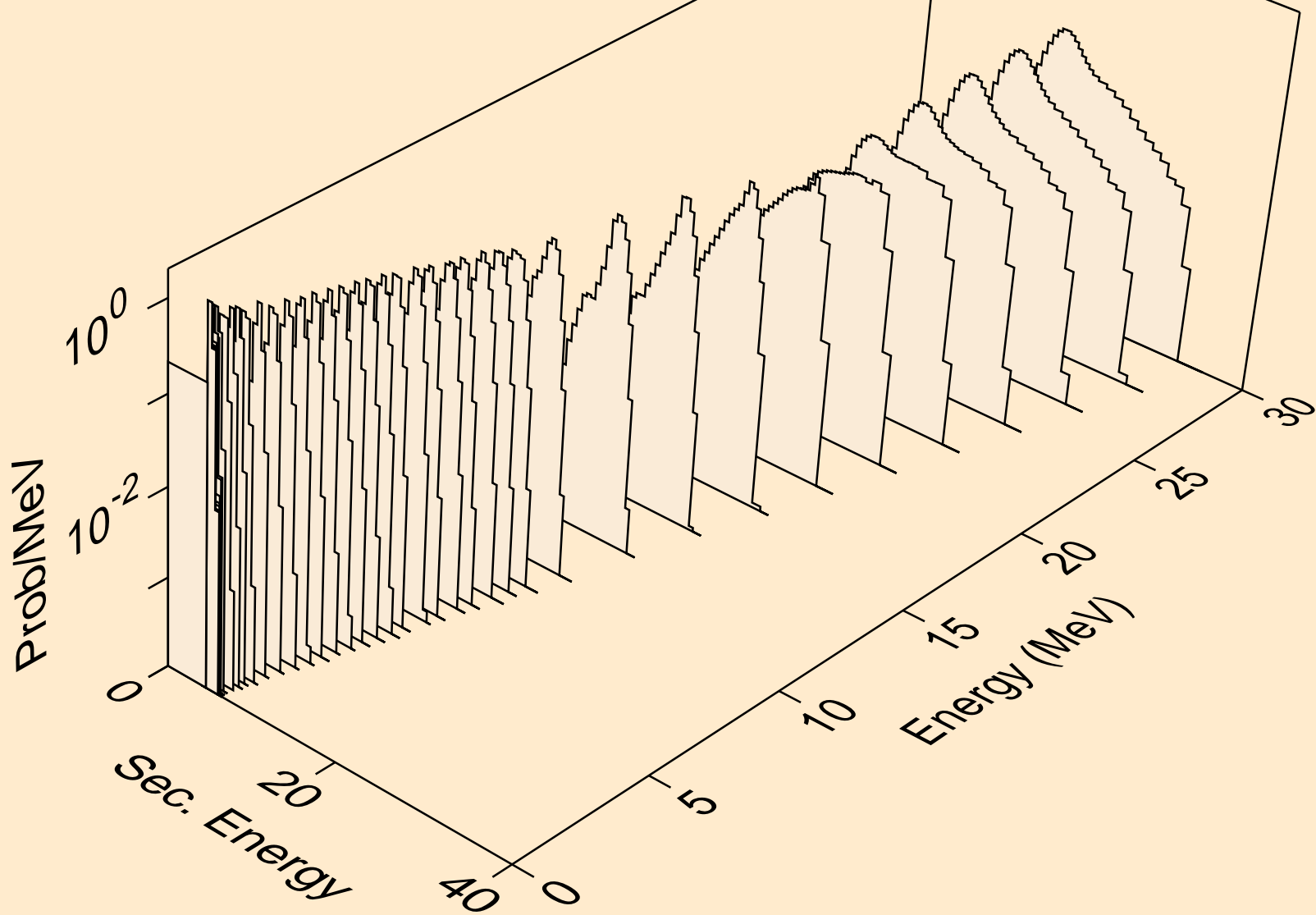
EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



EU146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

