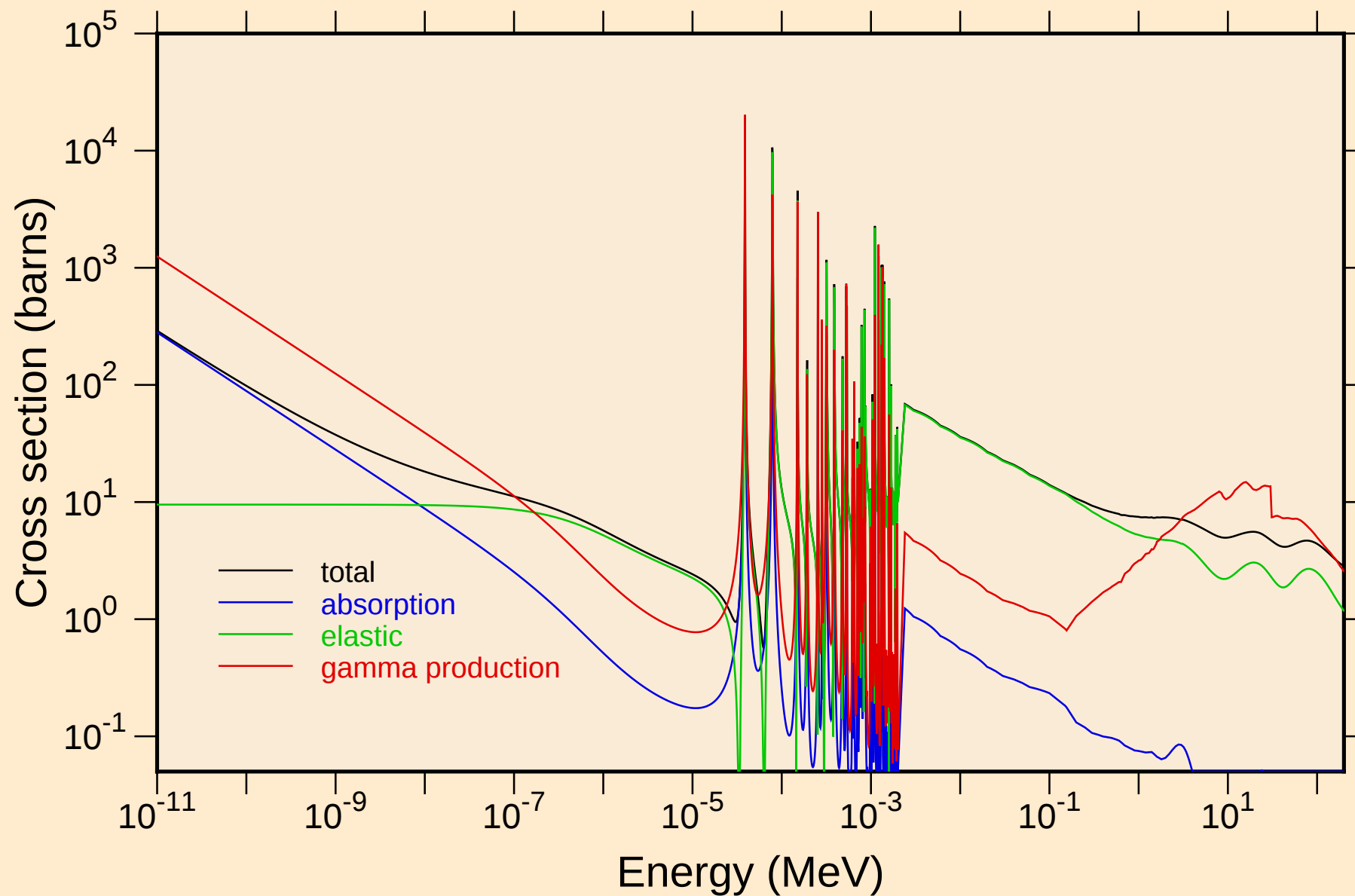
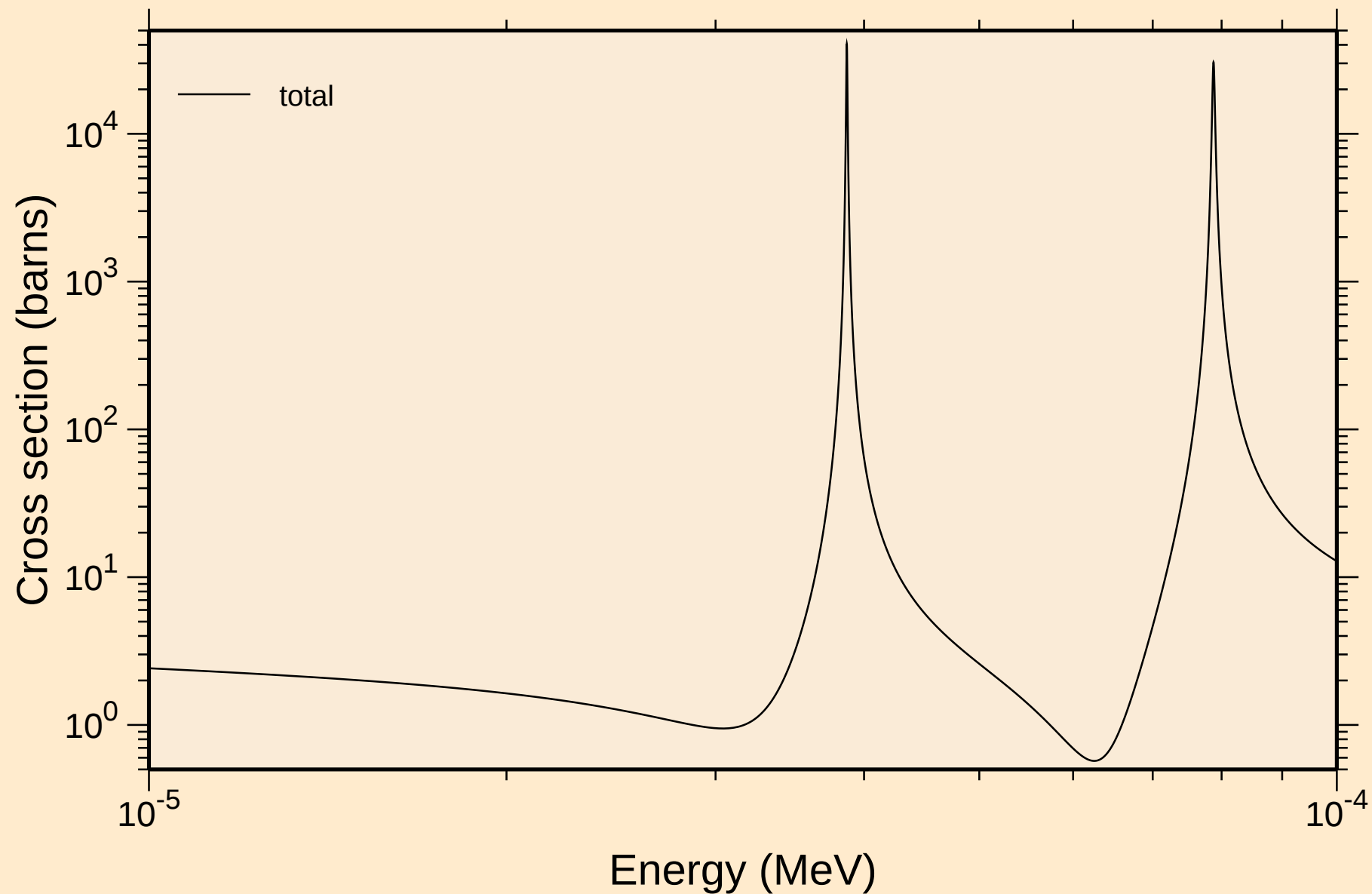


# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

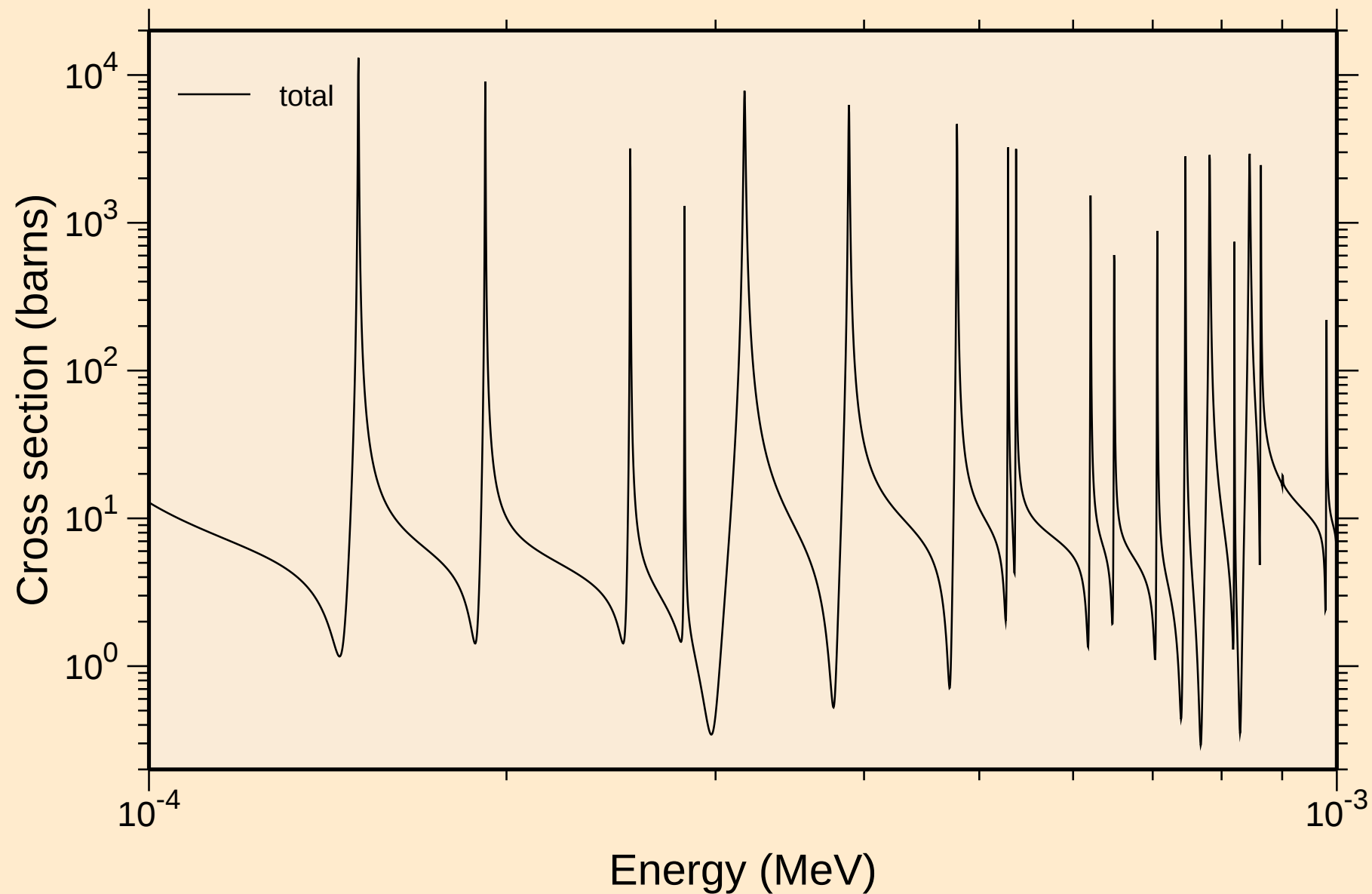
## Principal cross sections



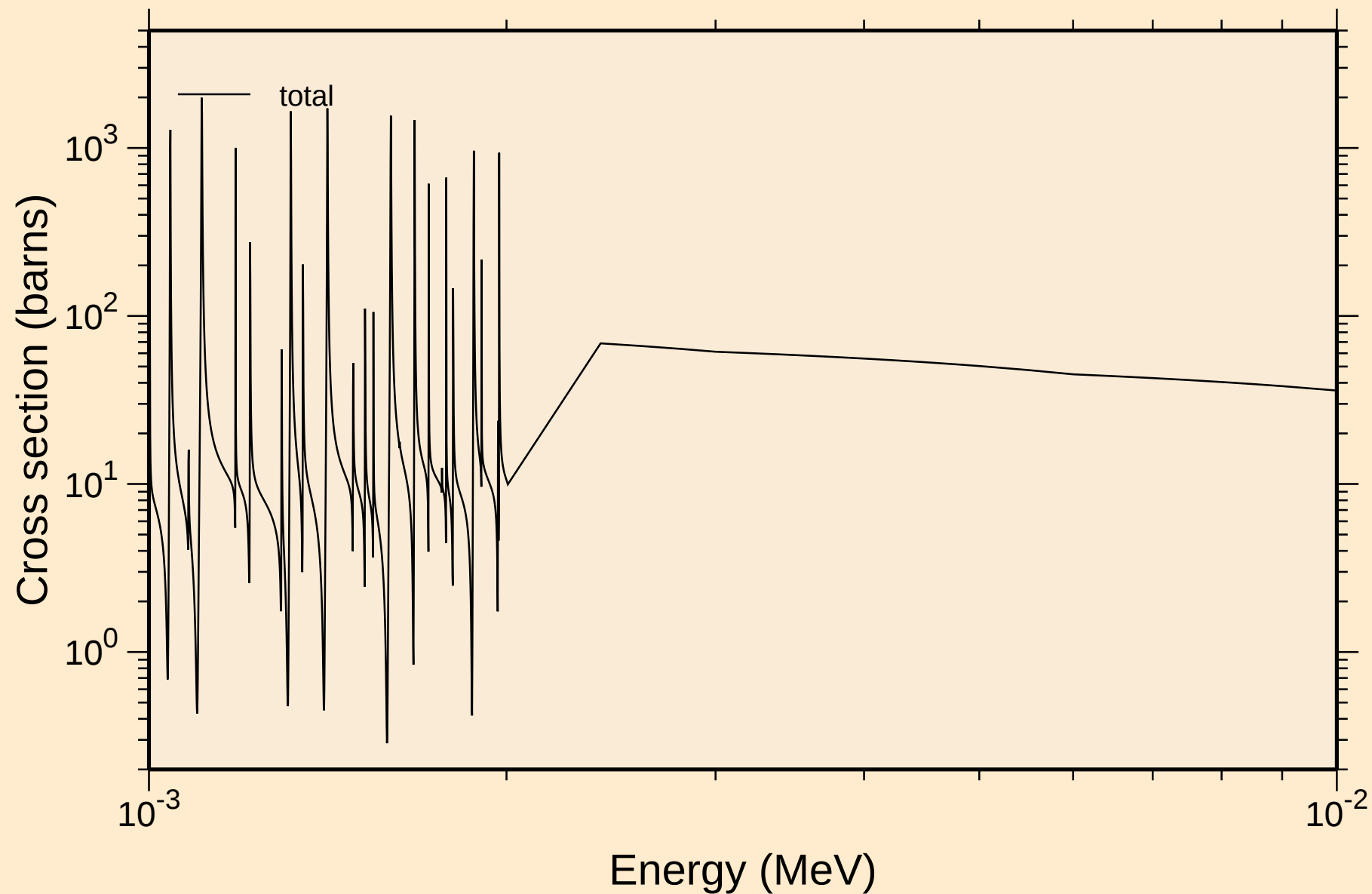
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



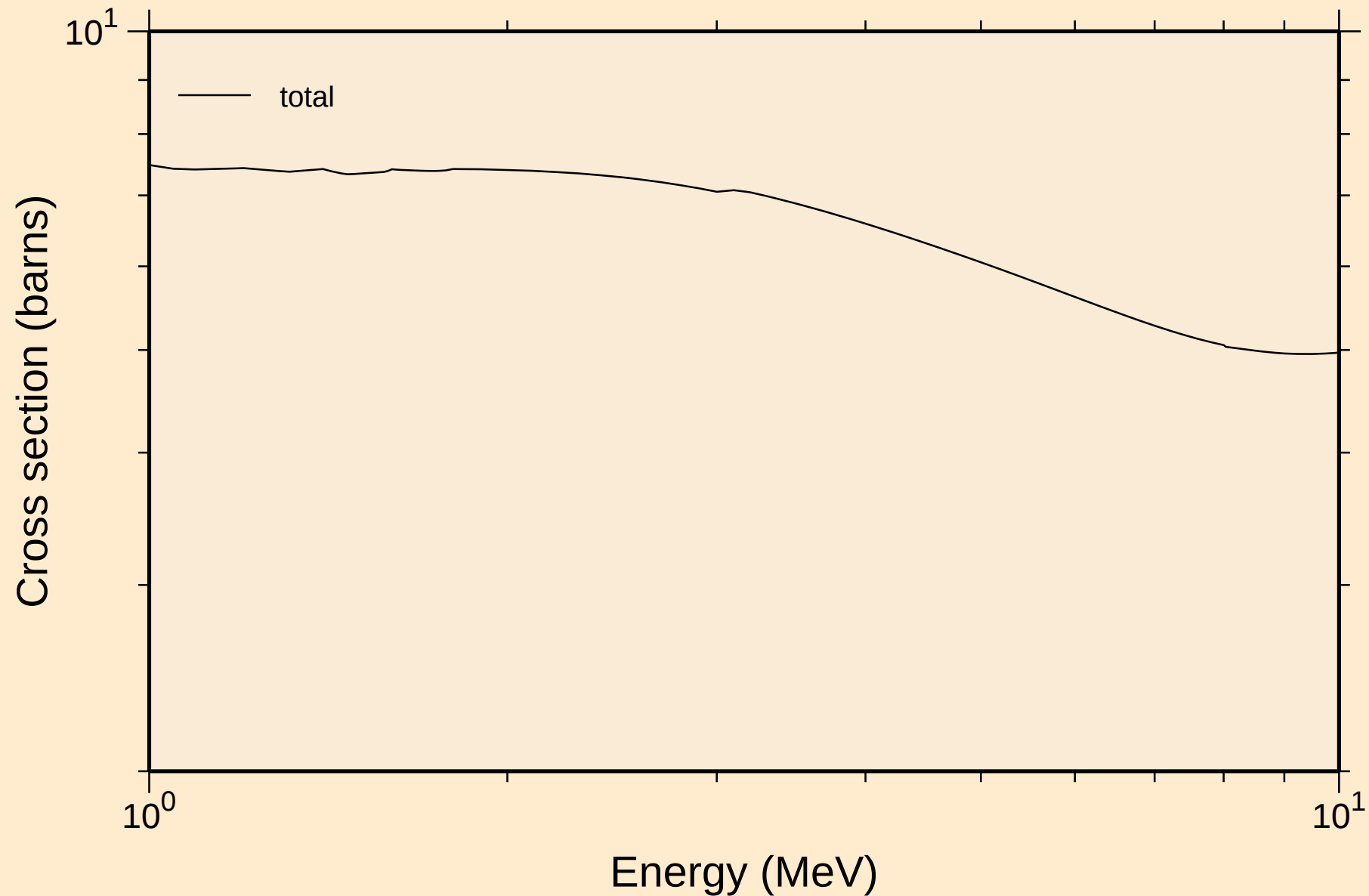
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



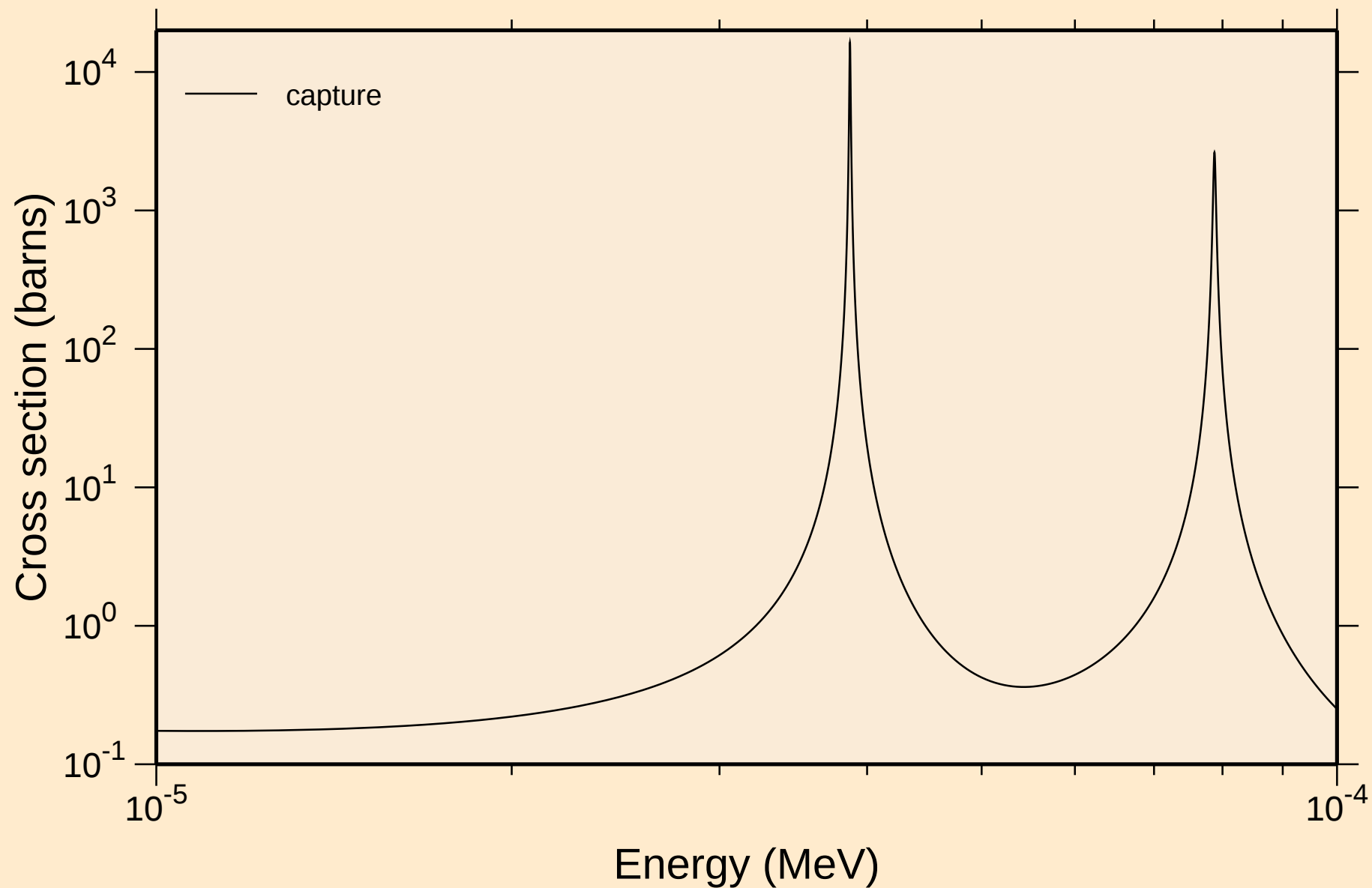
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



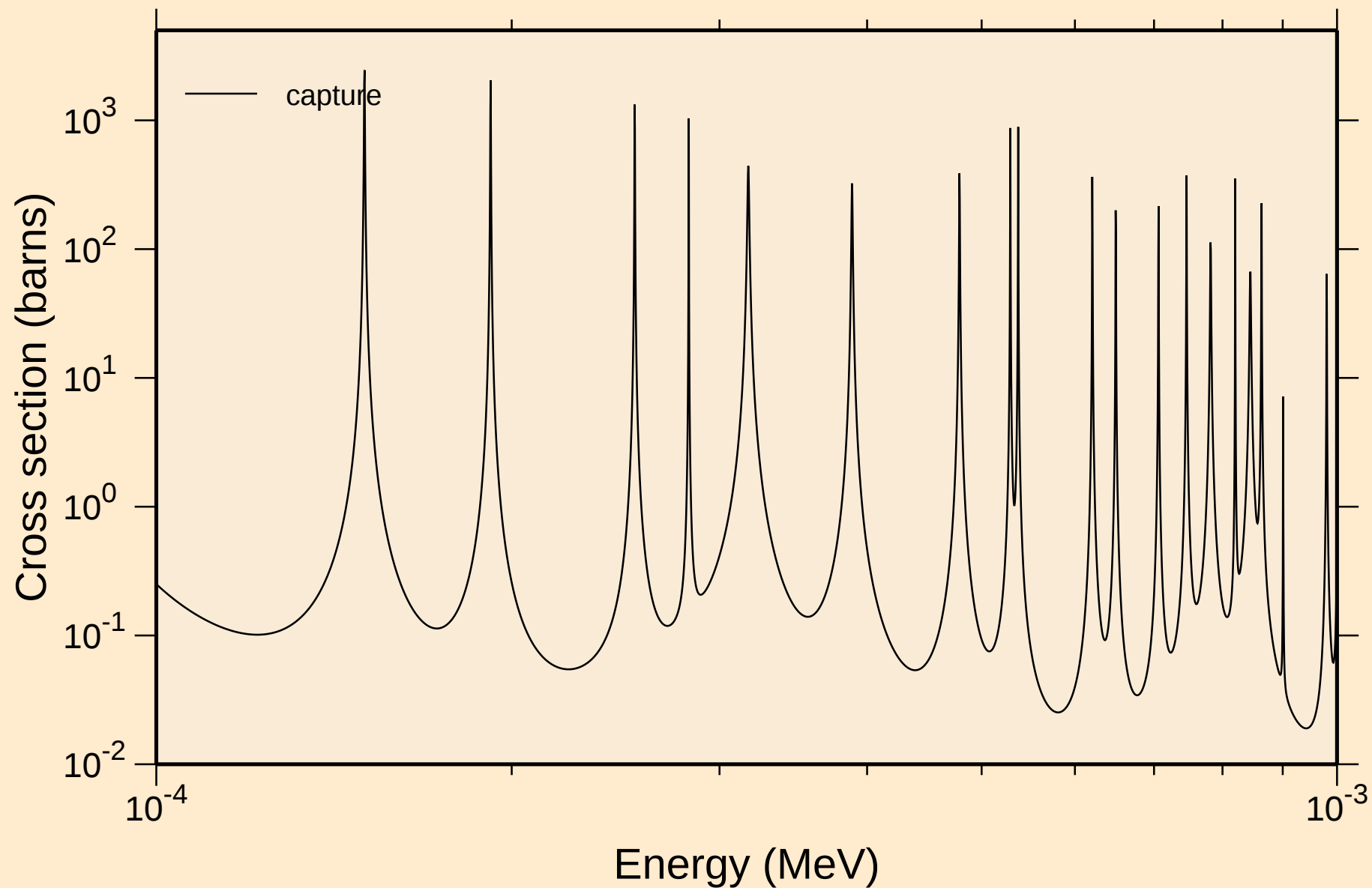
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



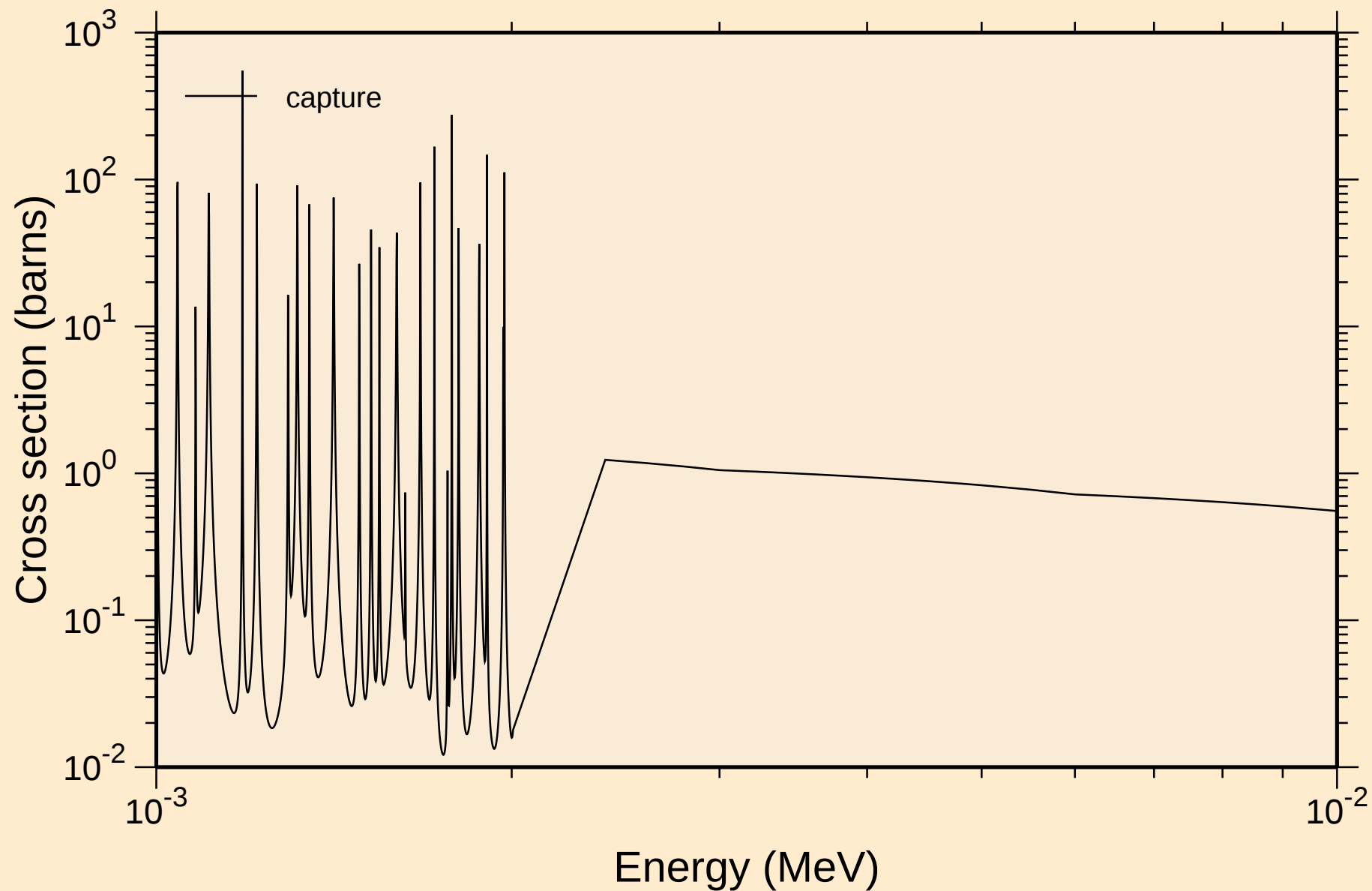
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



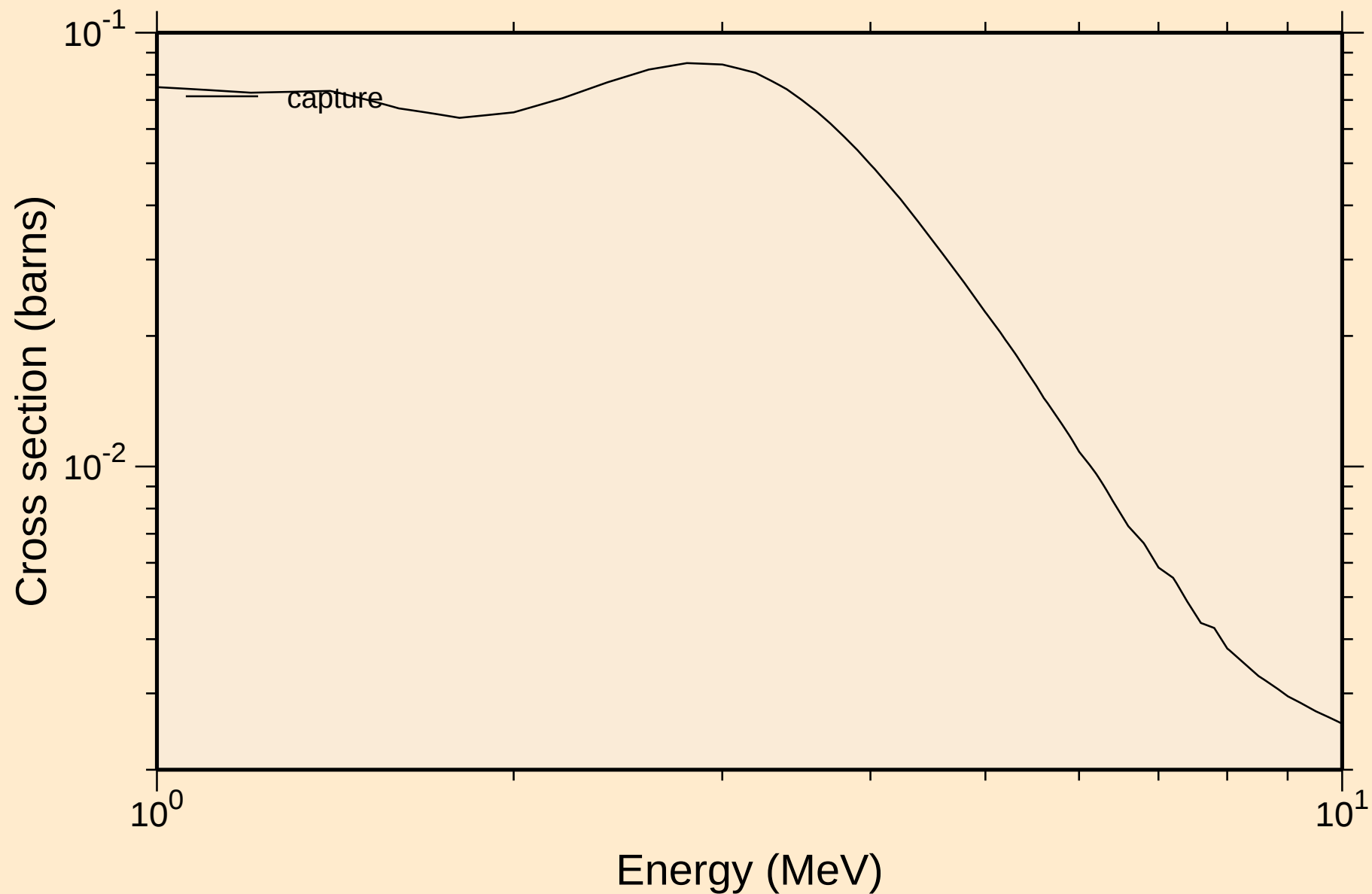
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

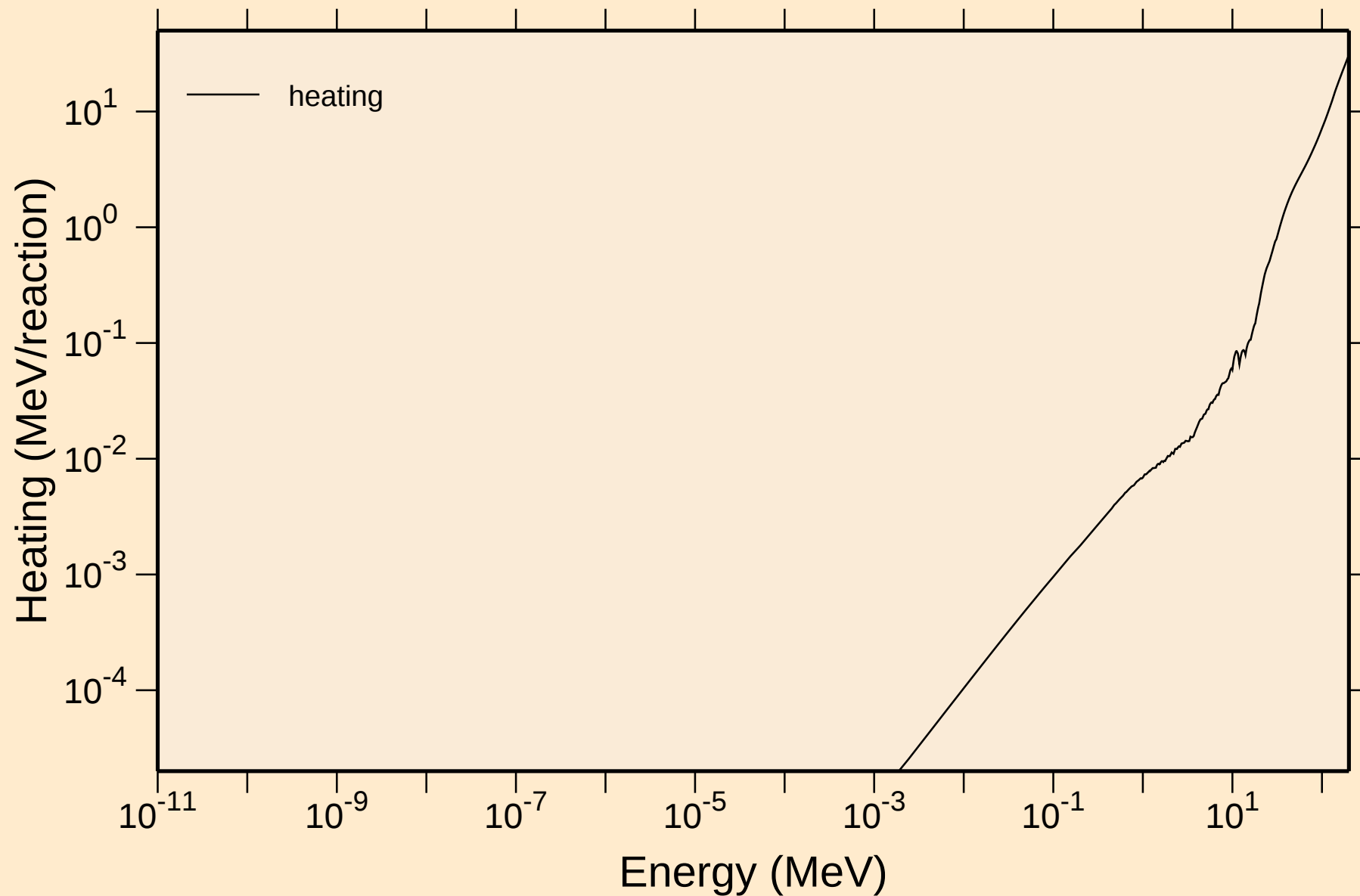


OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



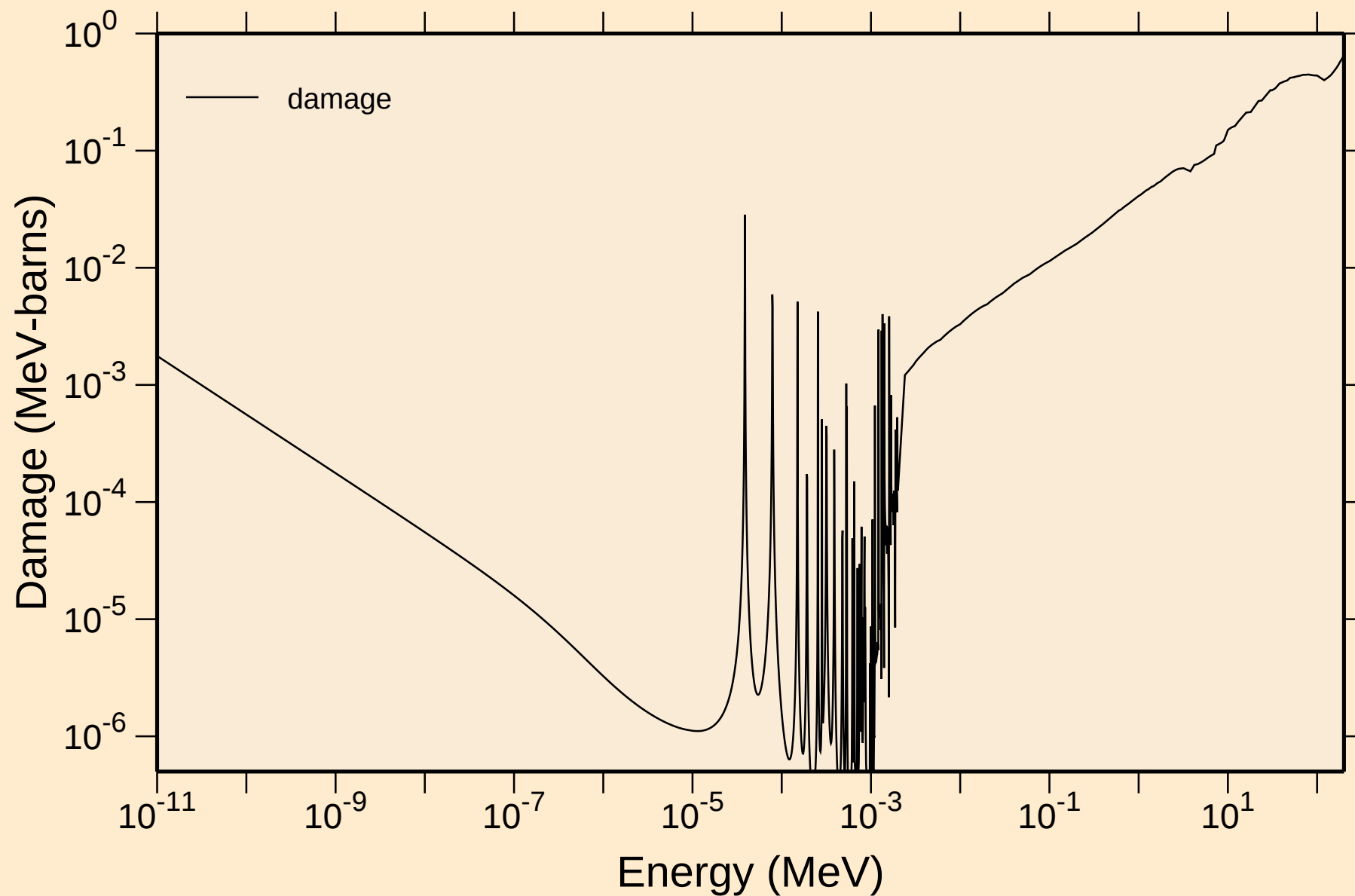
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

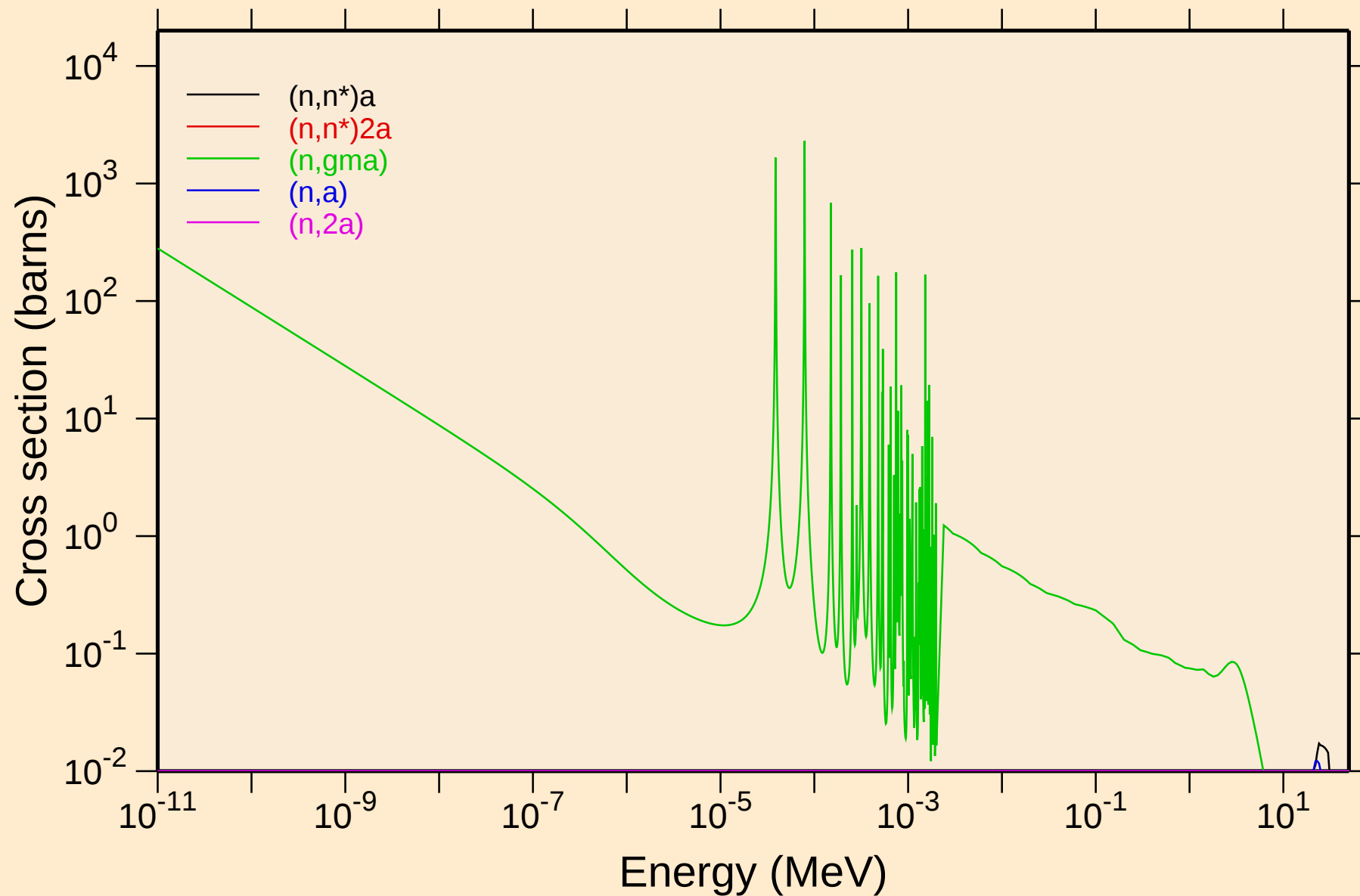


# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

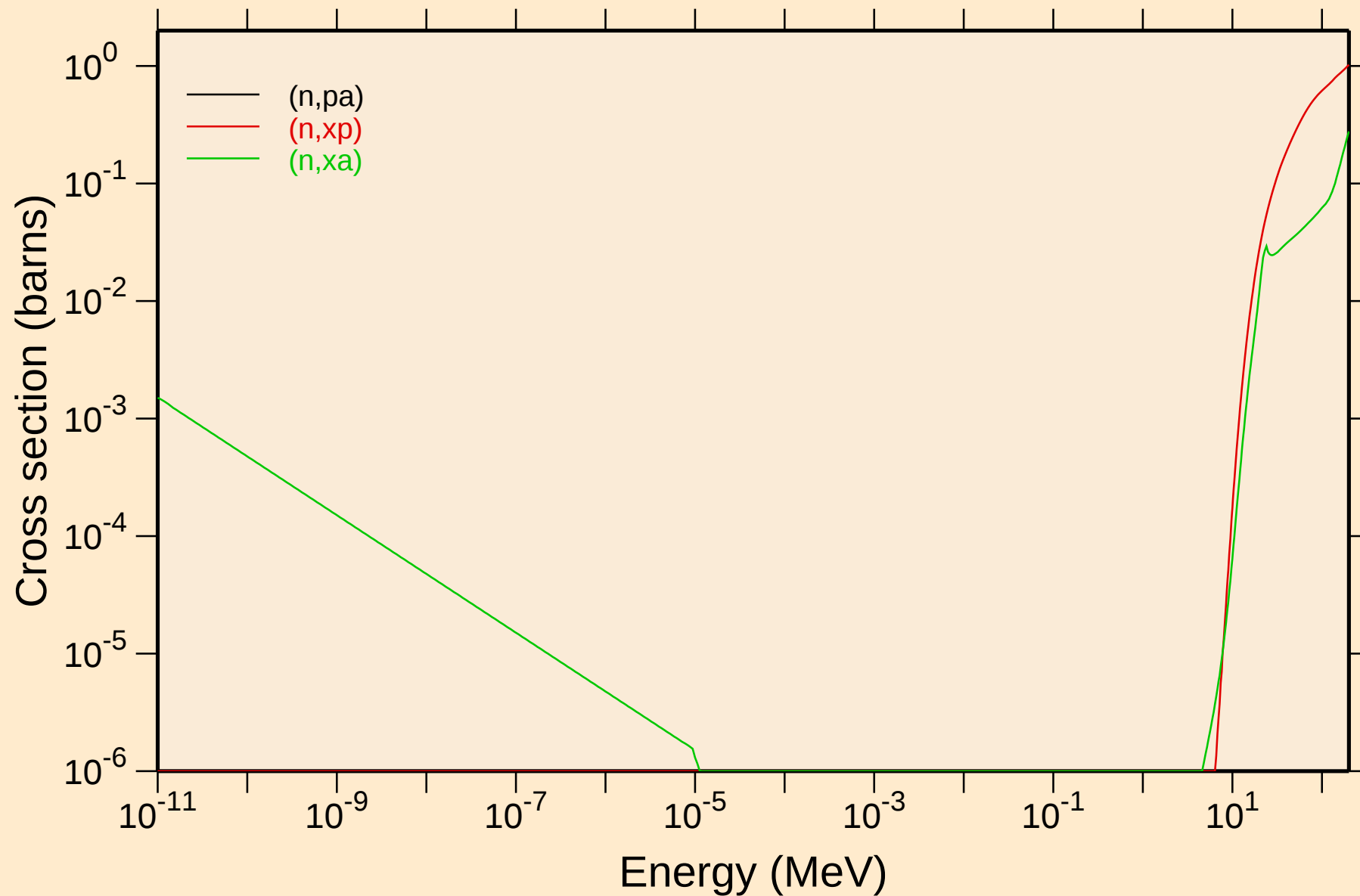
Damage



OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

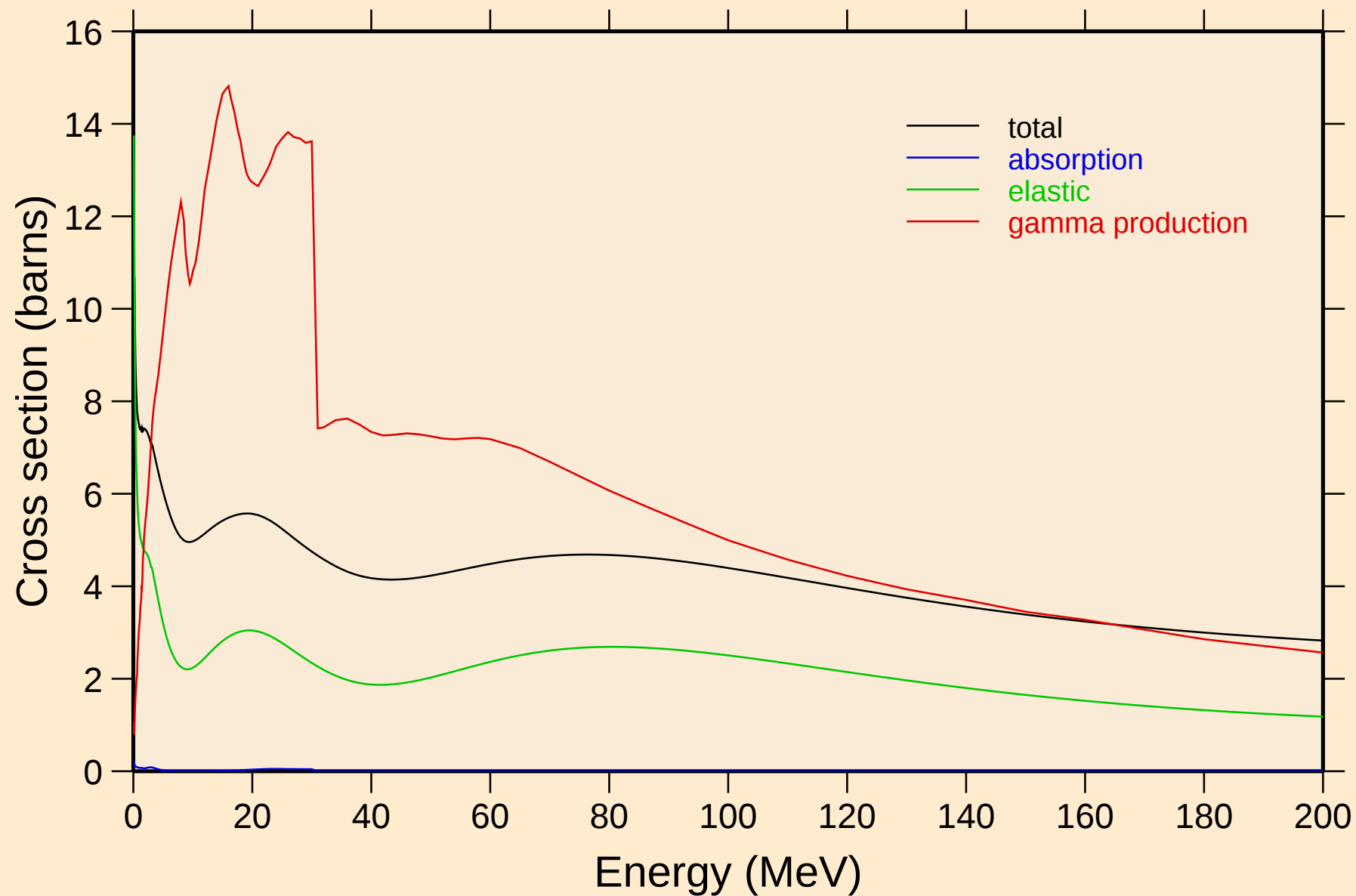


OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



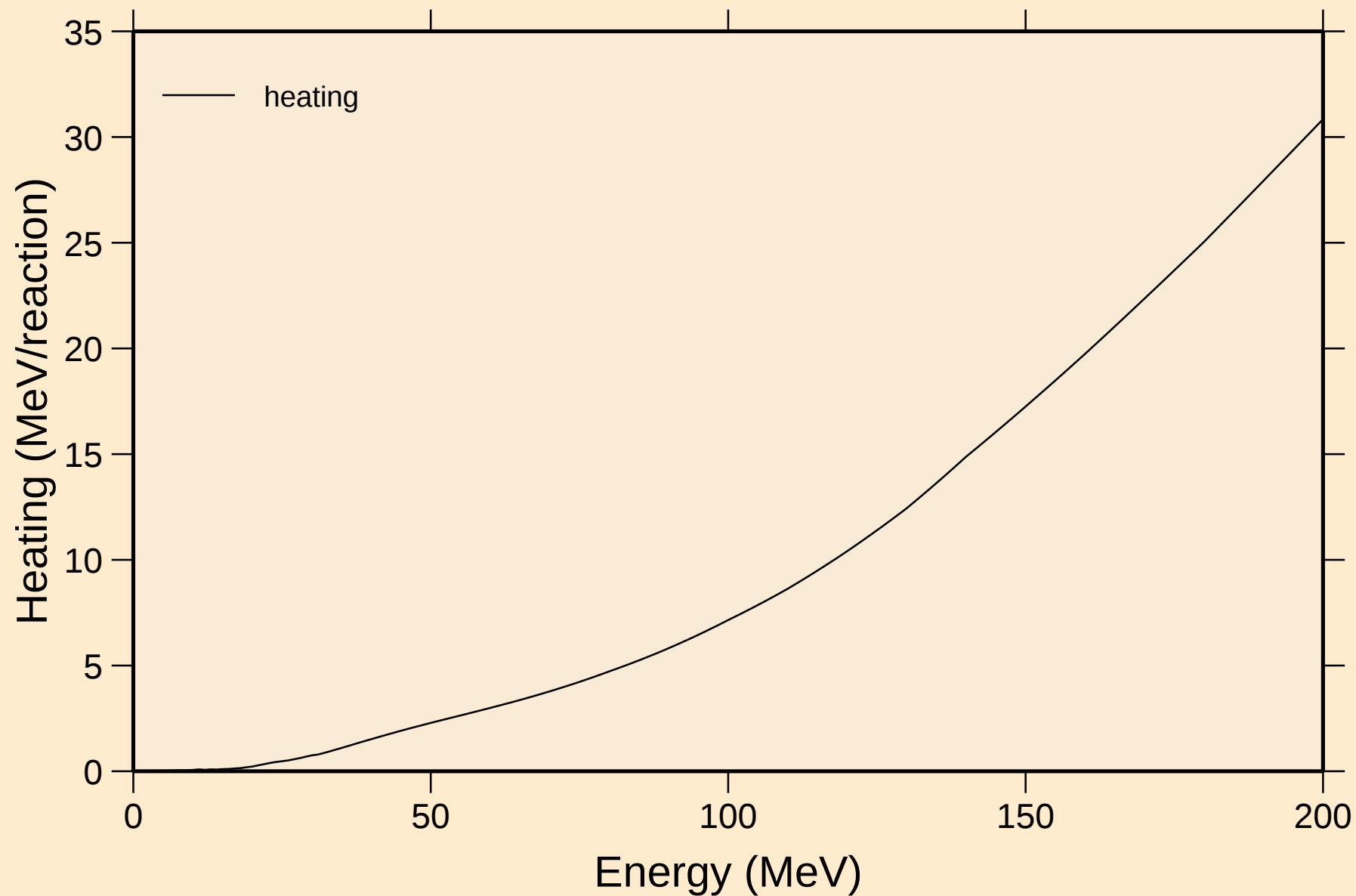
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



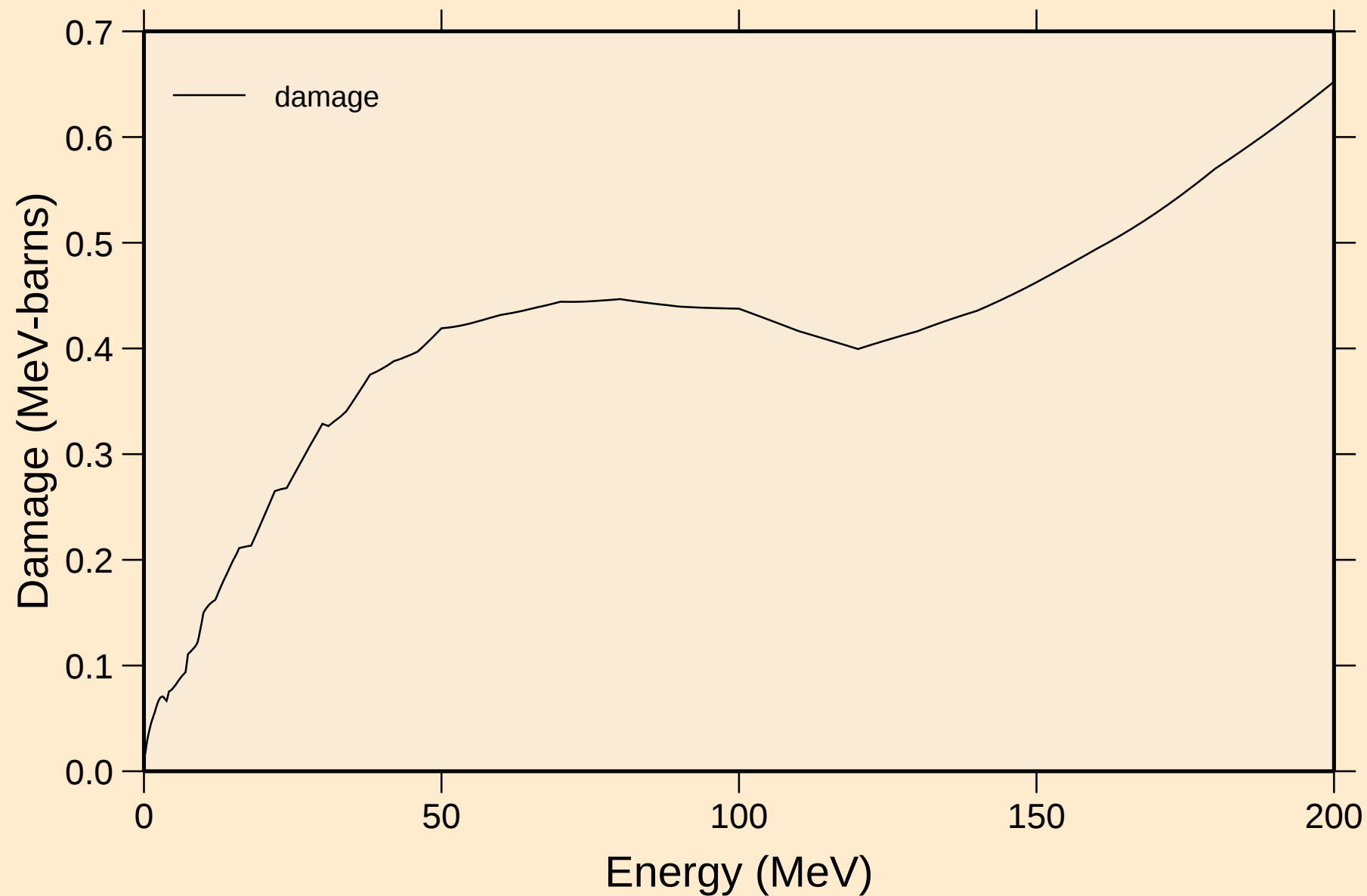
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

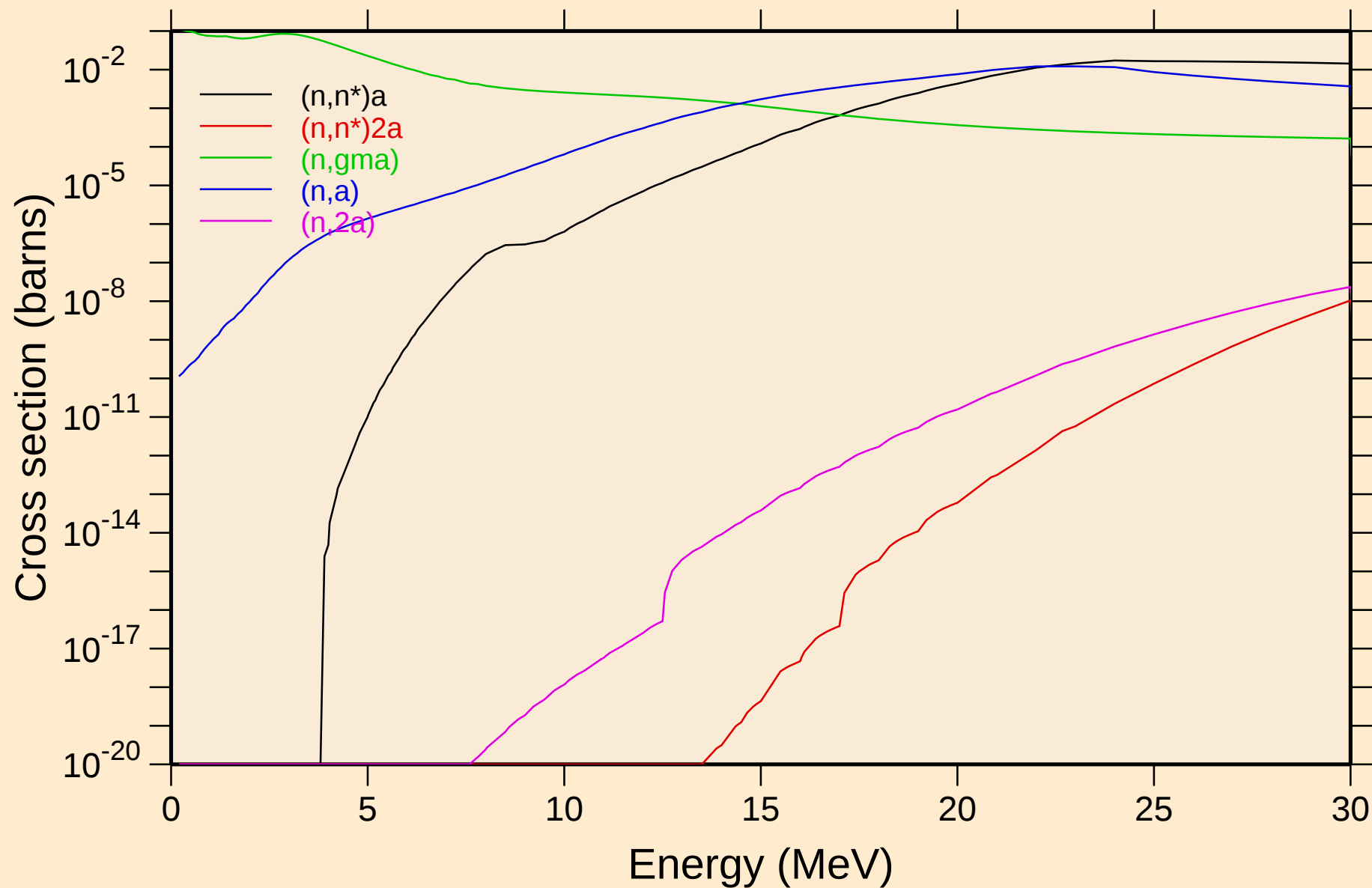


# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

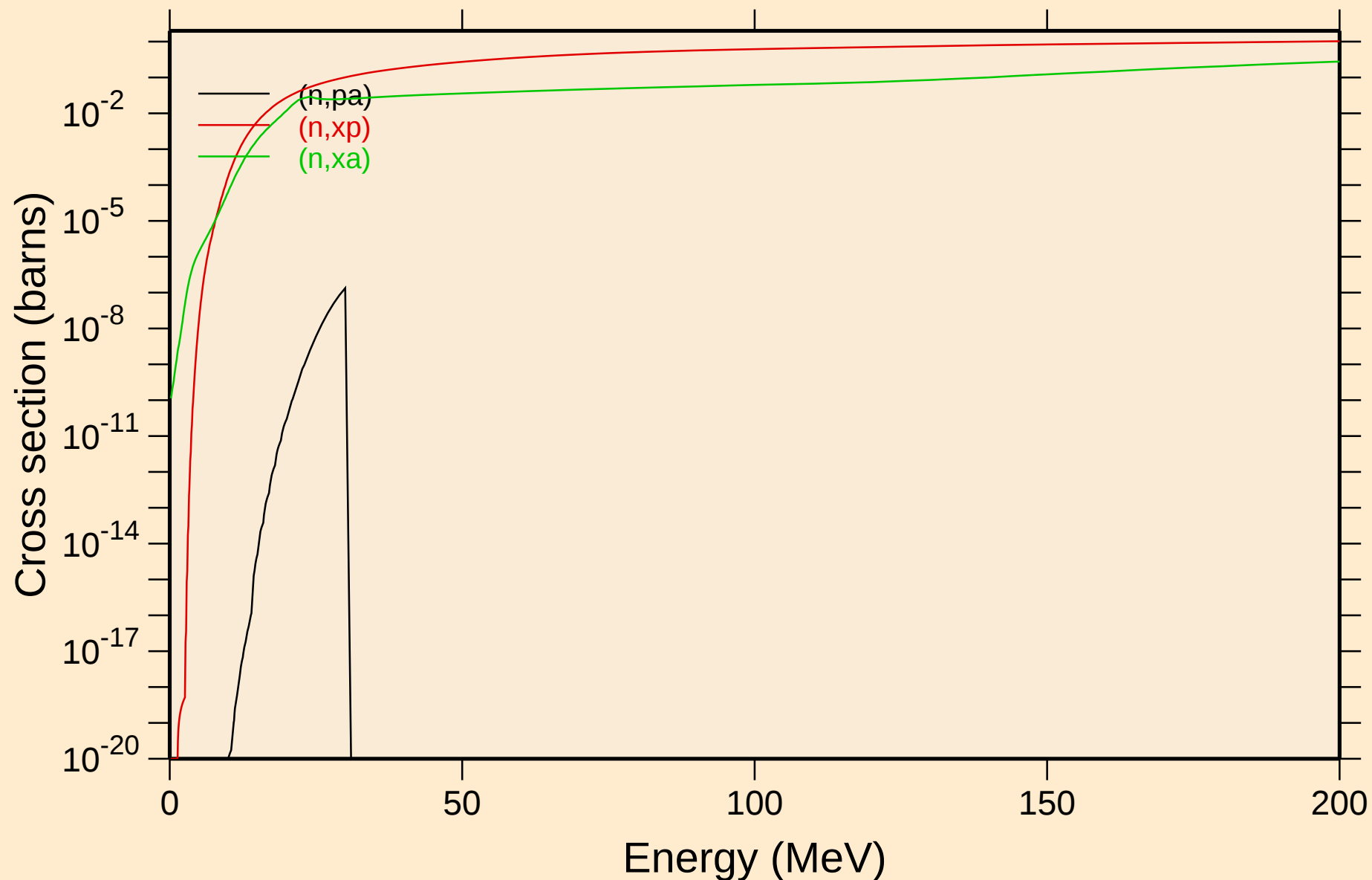
Damage



OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

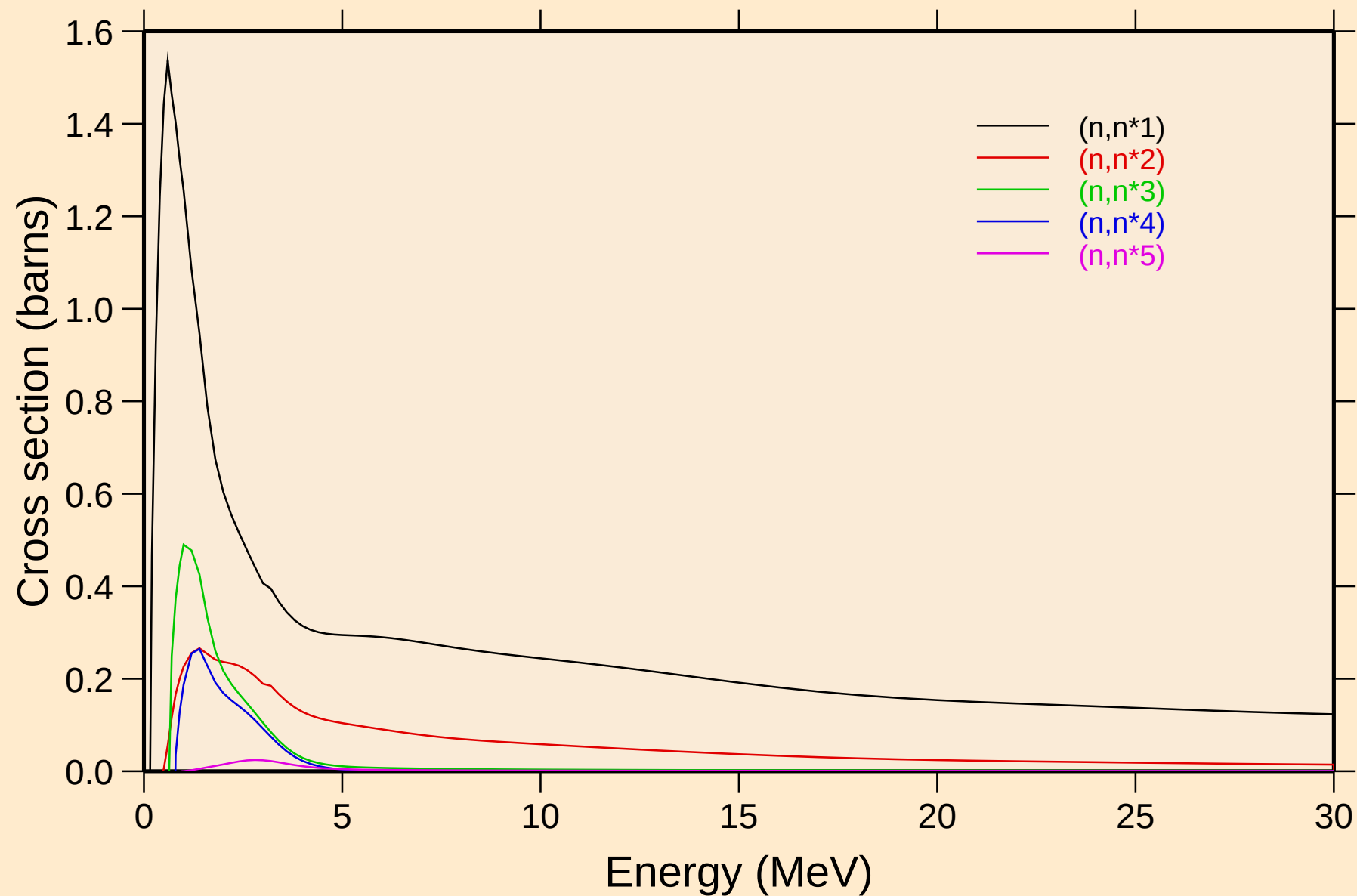


OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



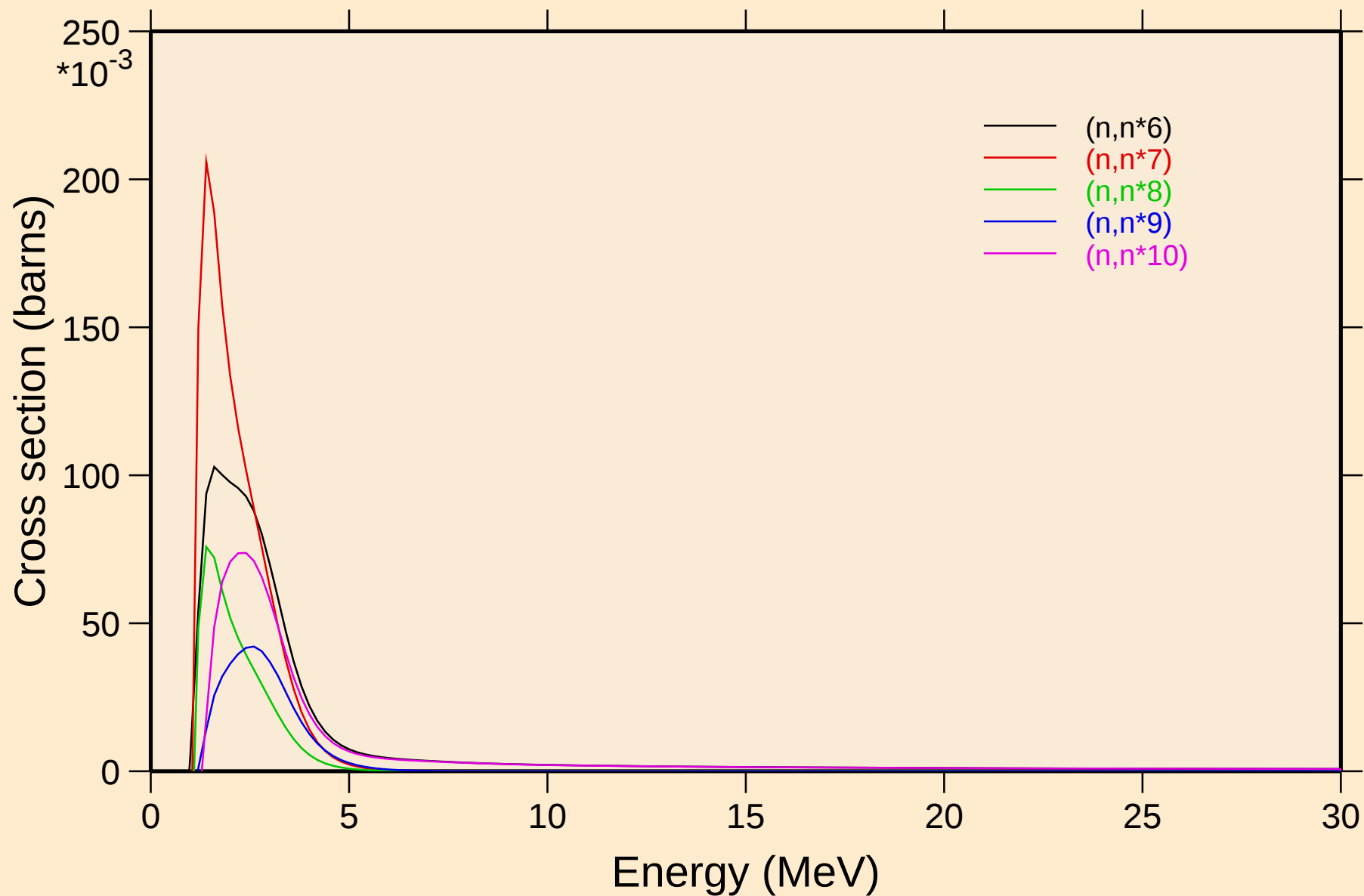
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



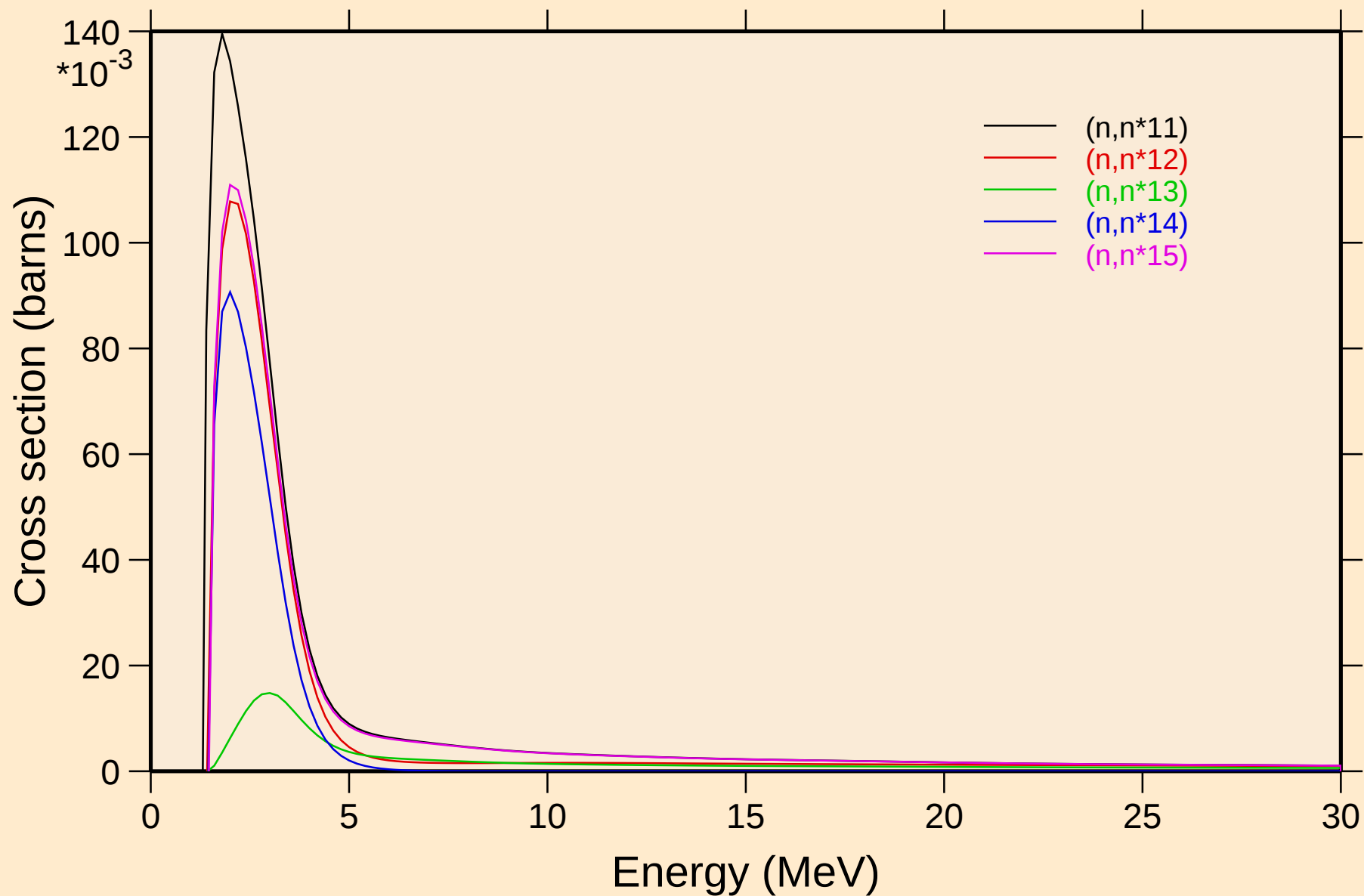
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



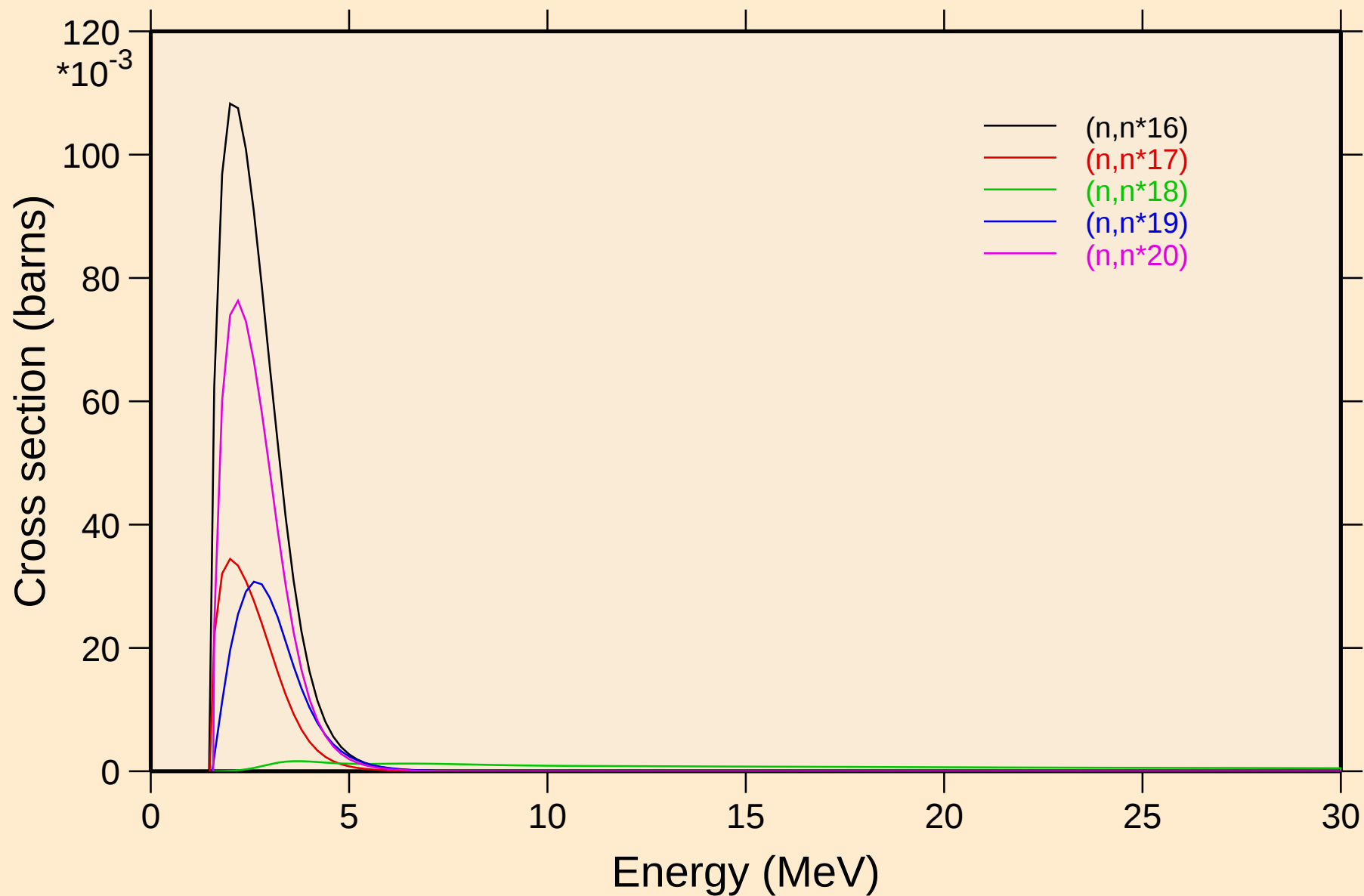
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



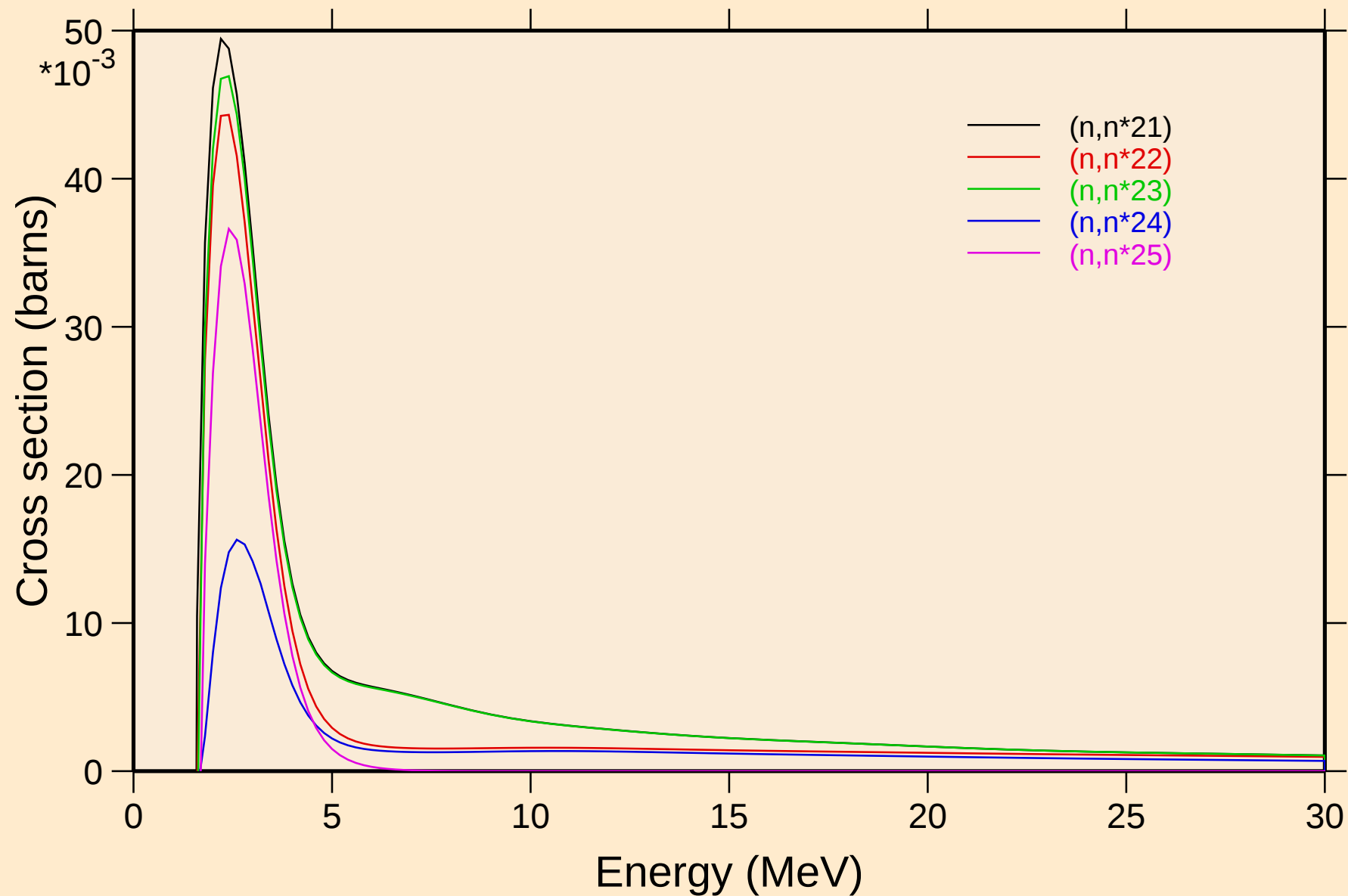
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



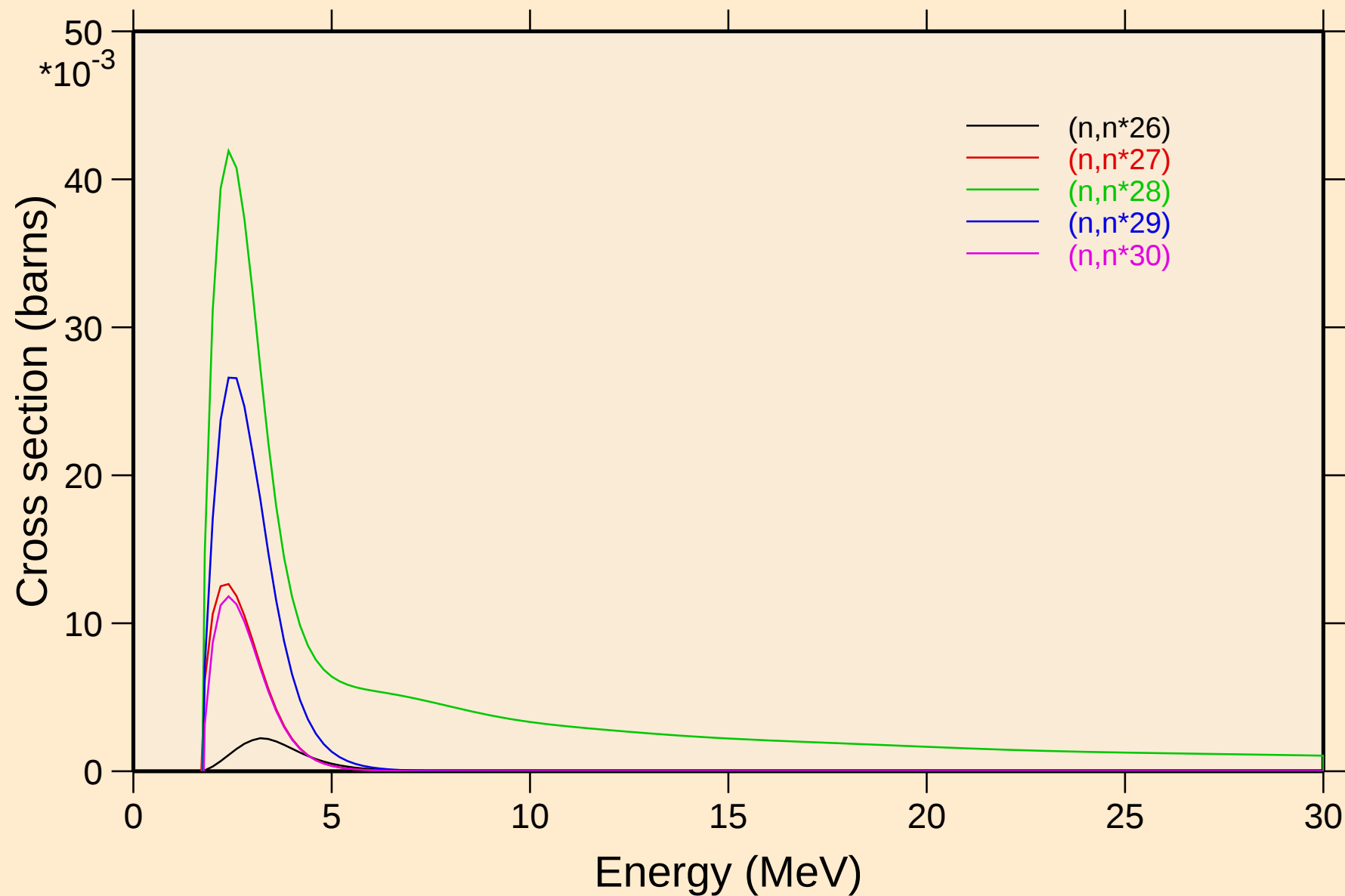
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



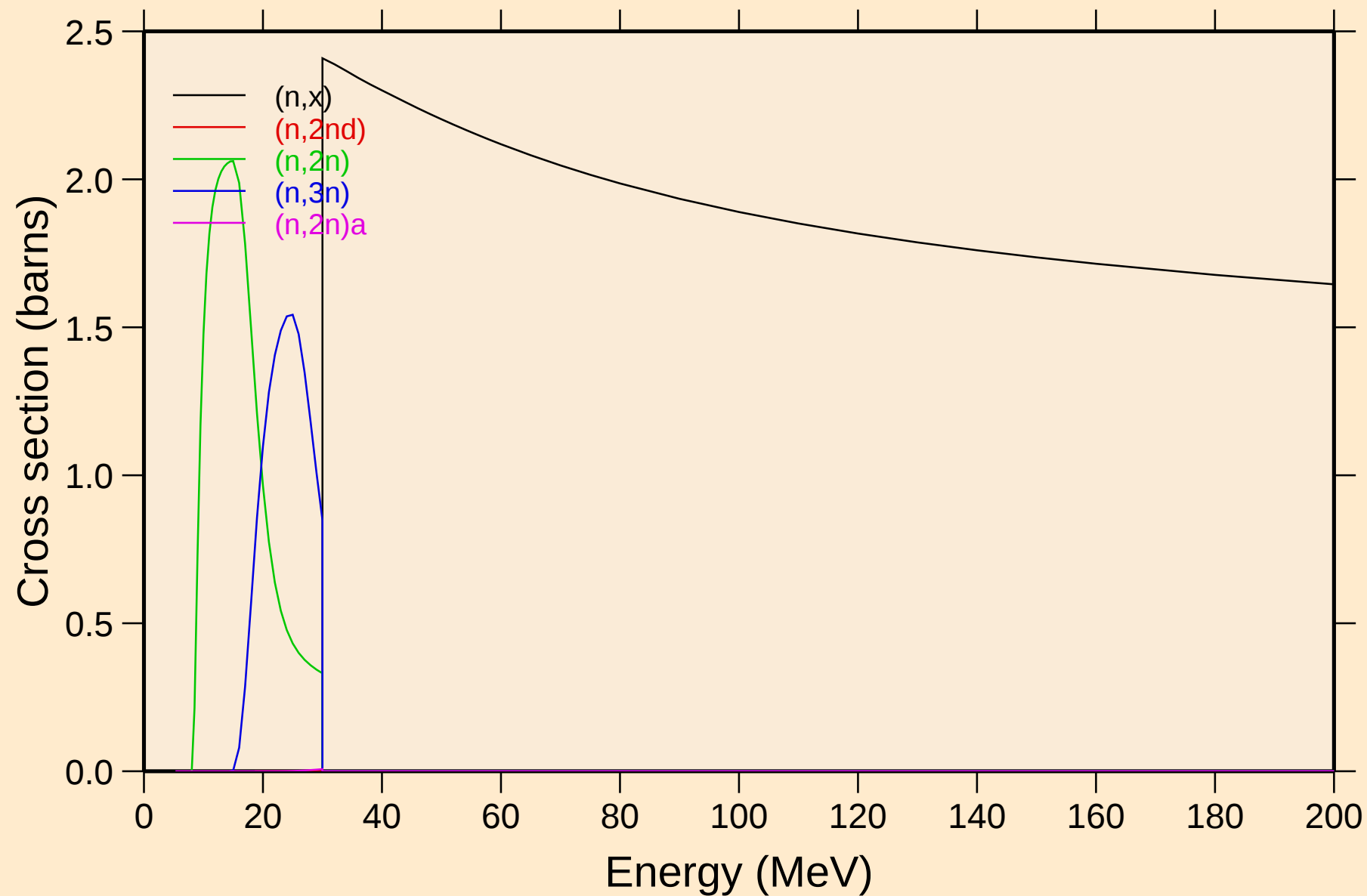
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



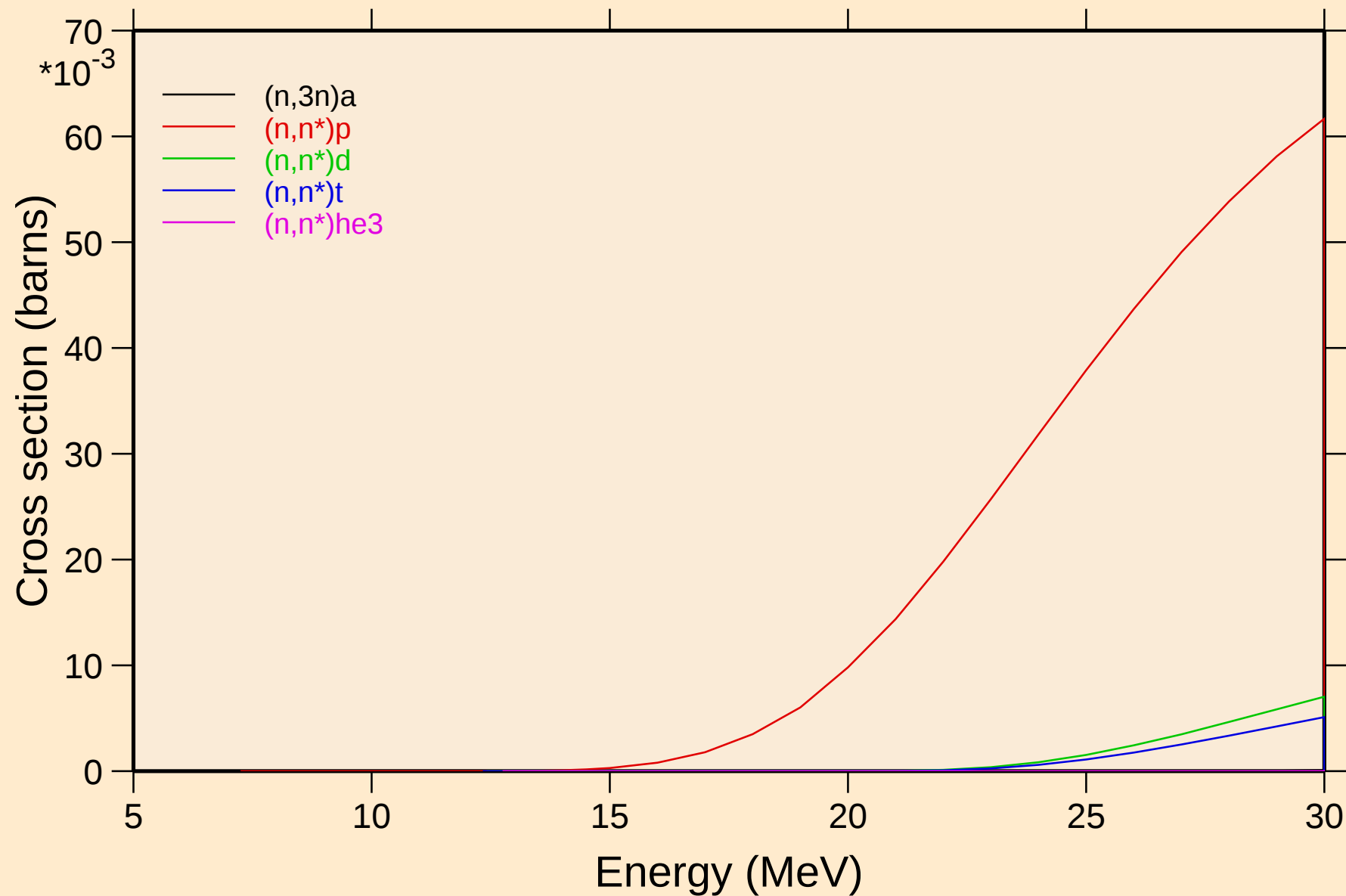
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



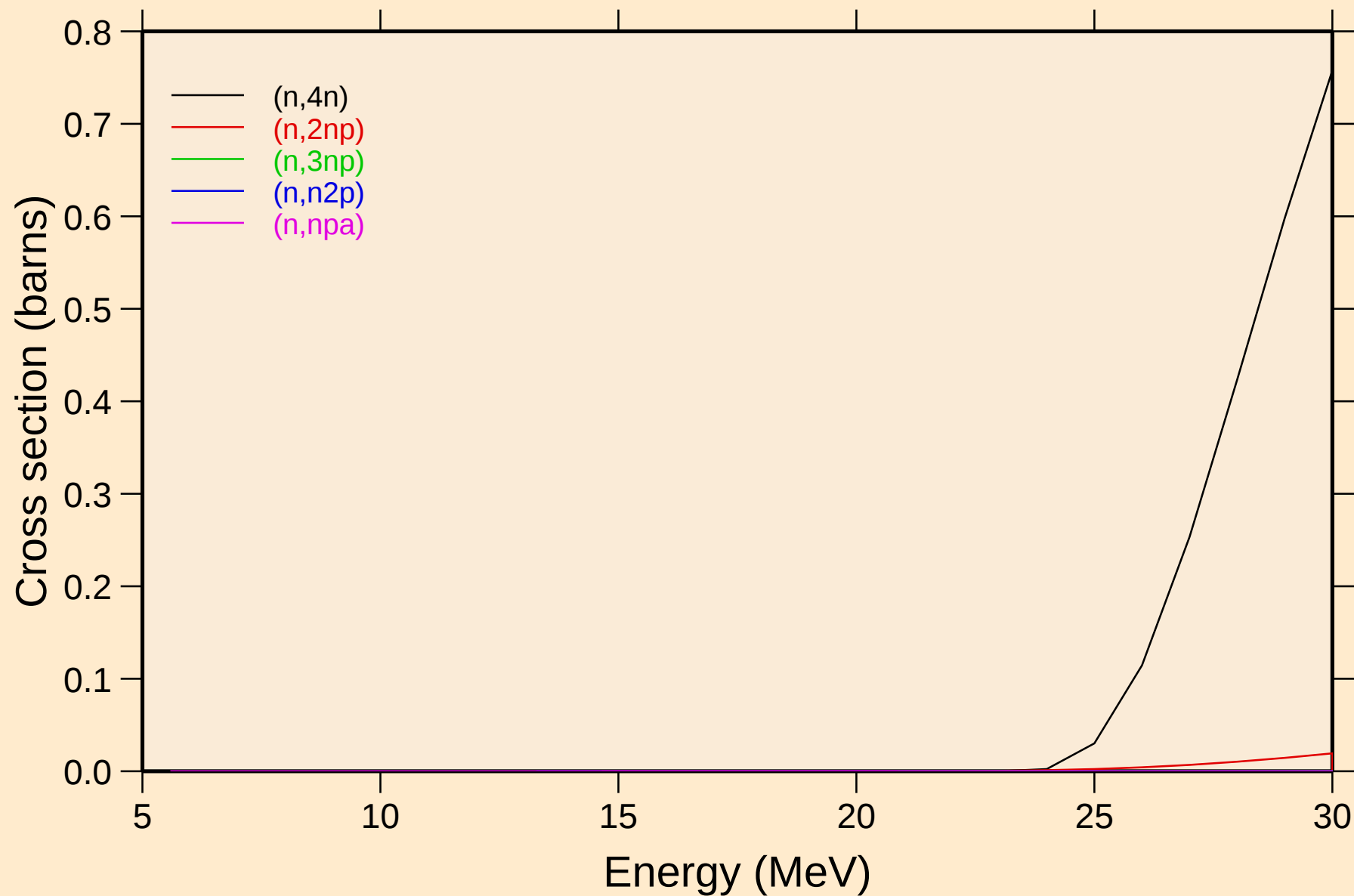
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



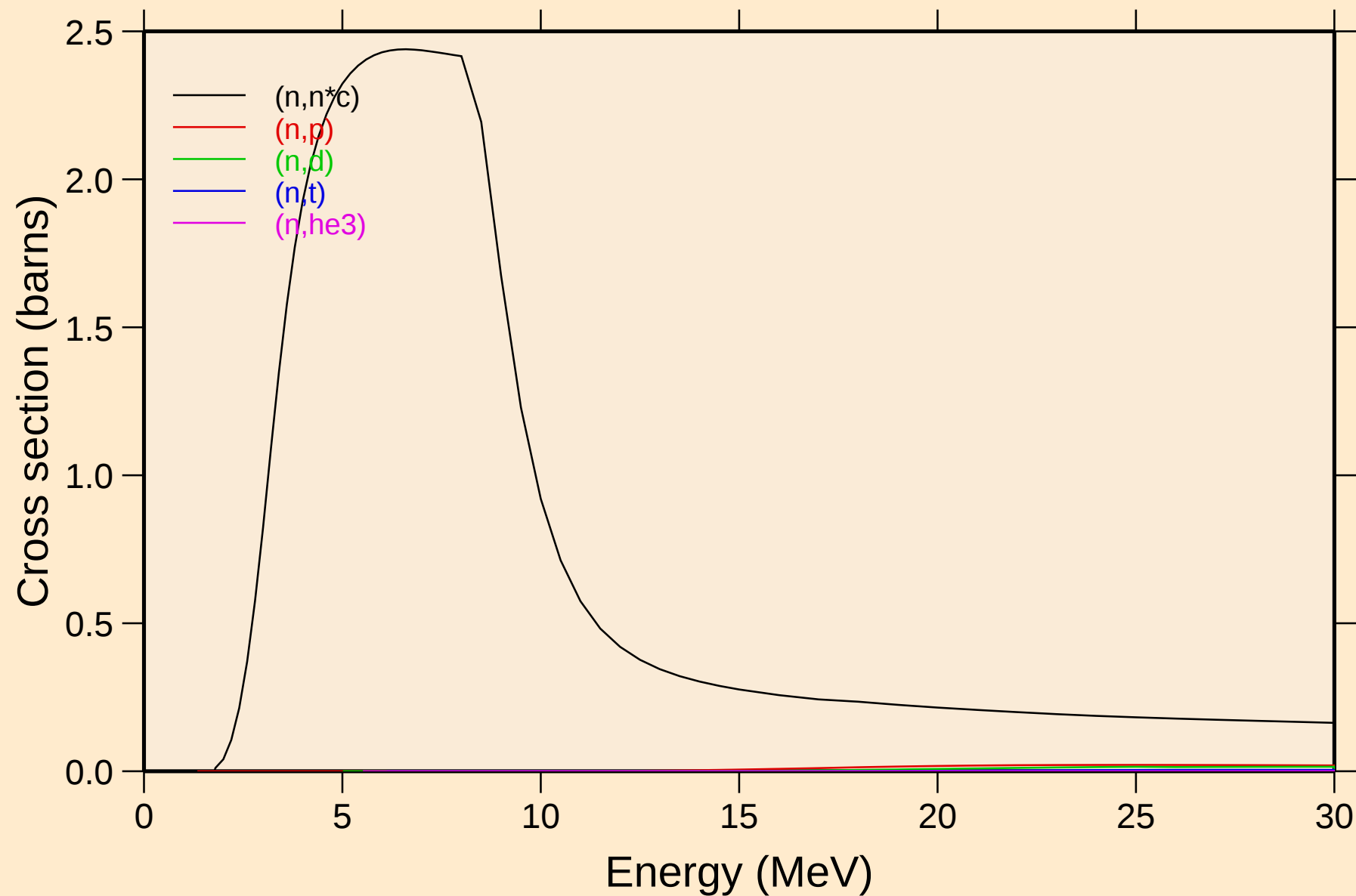
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



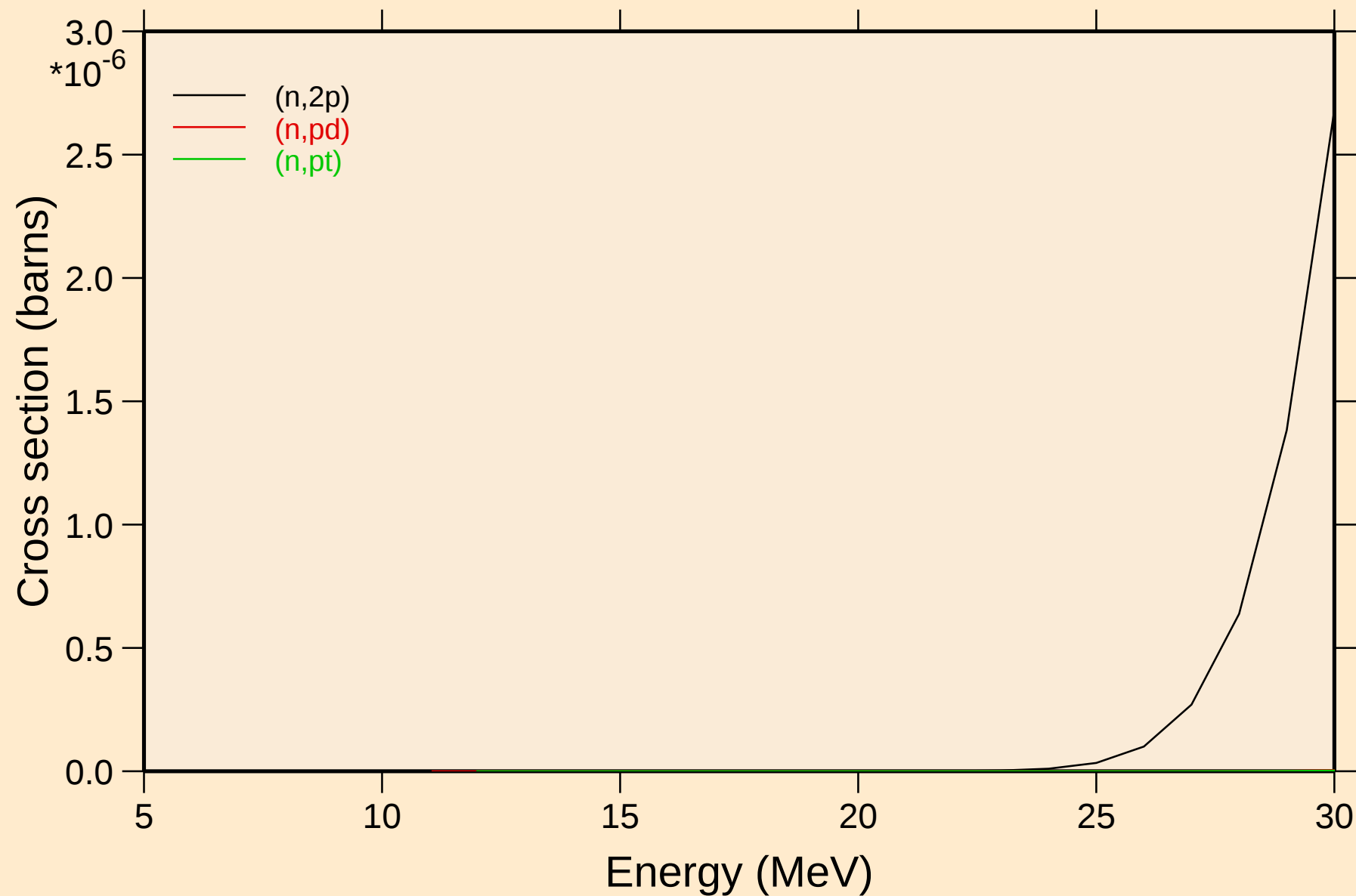
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



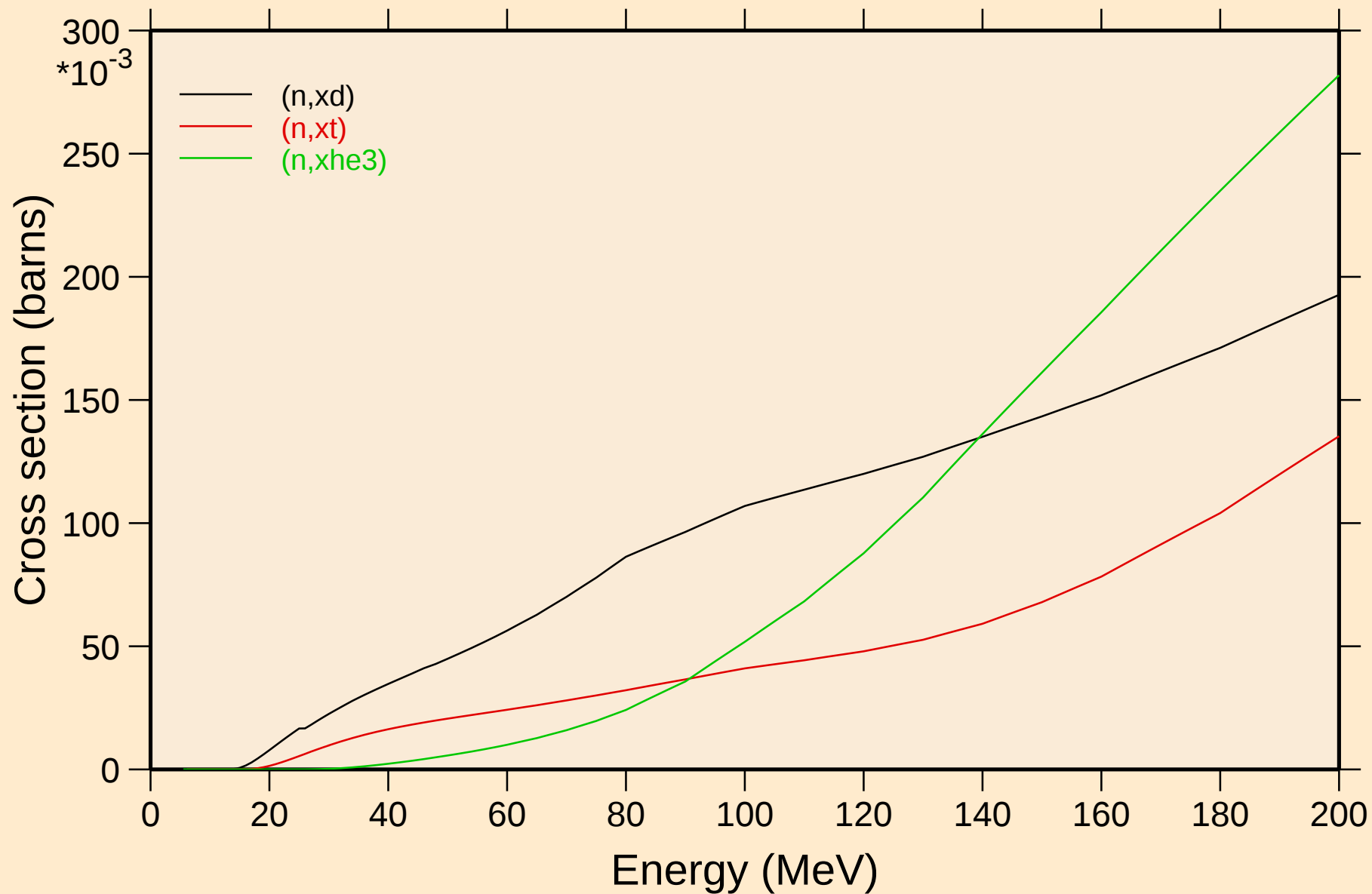
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

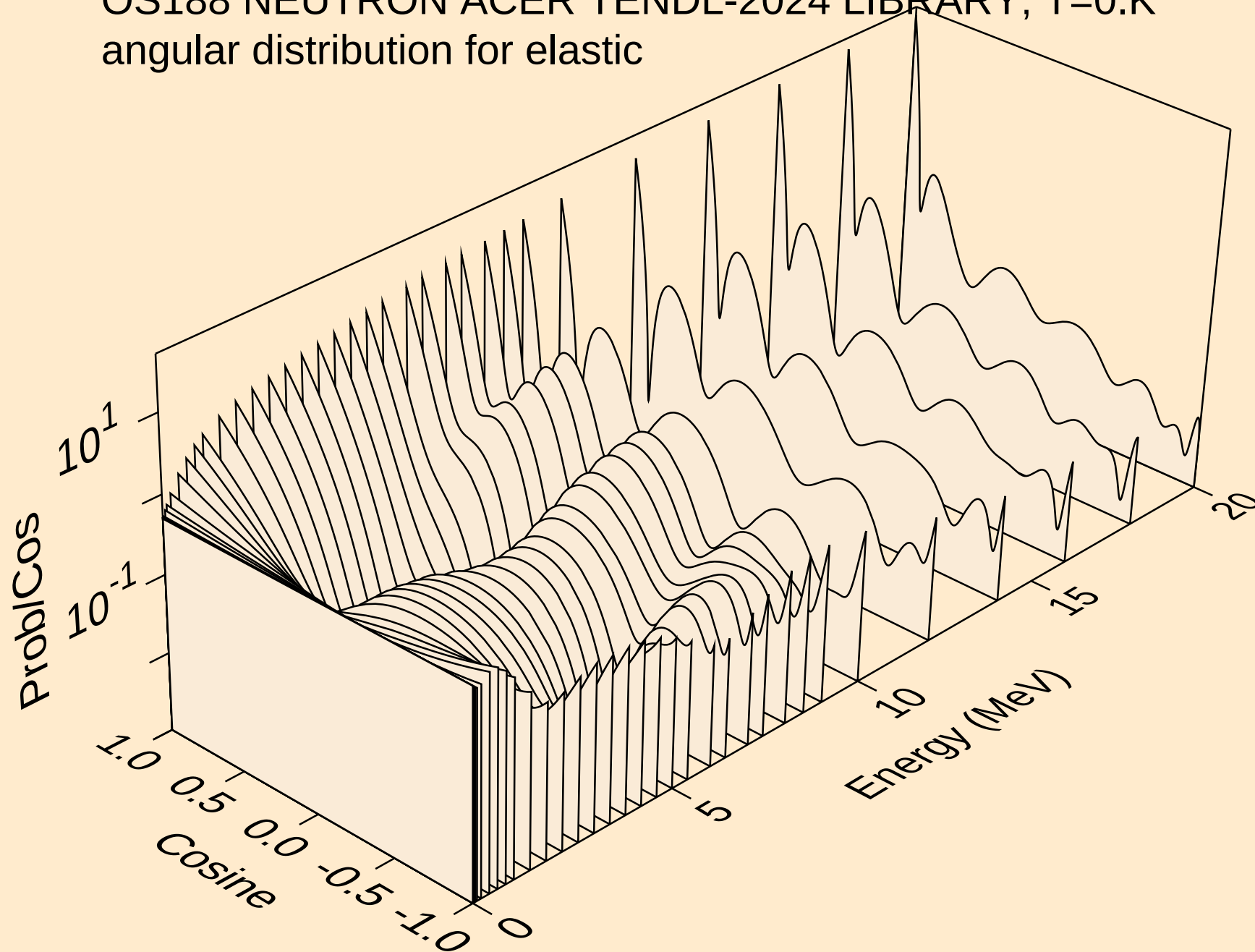


# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

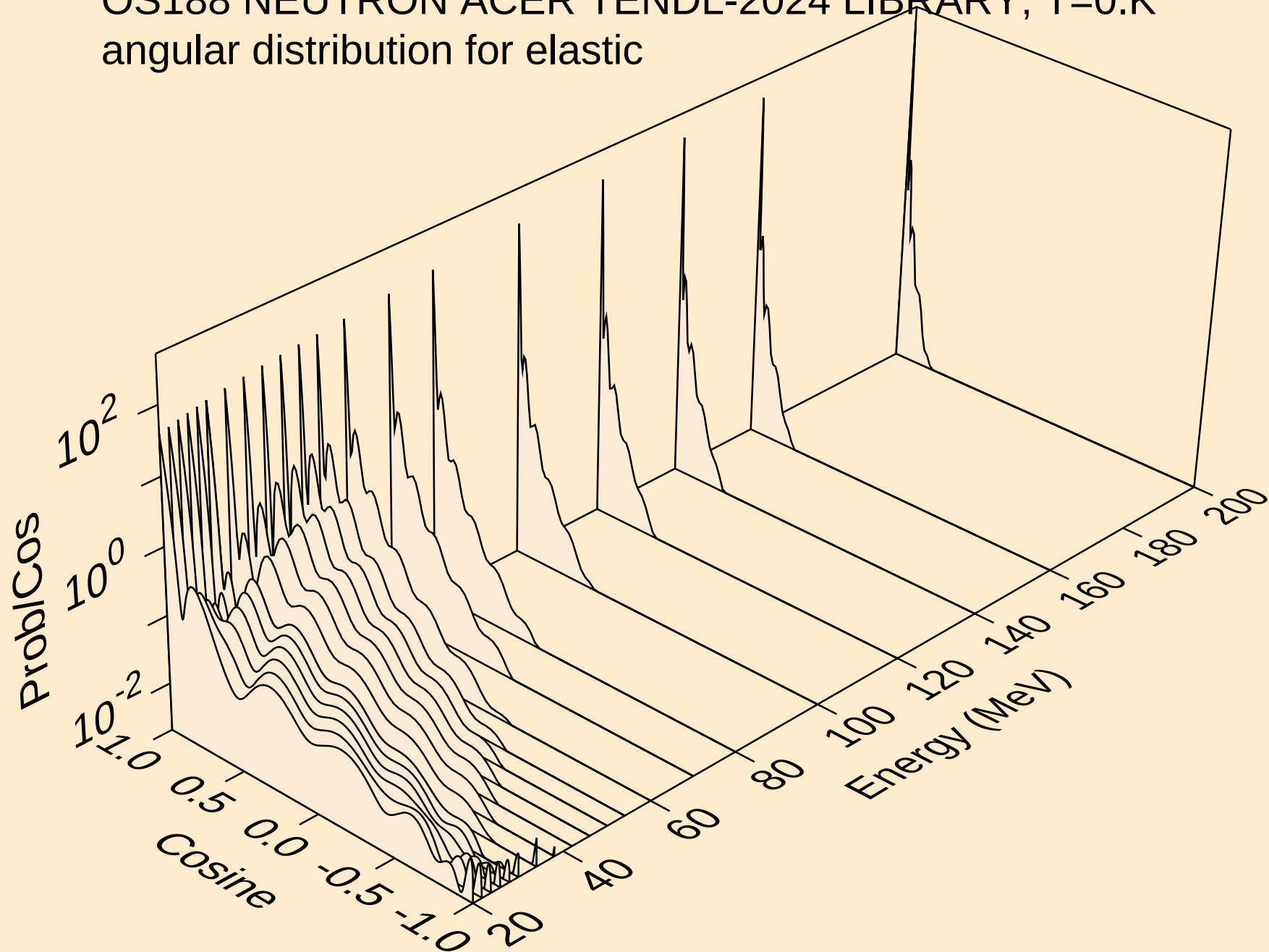
## Threshold reactions



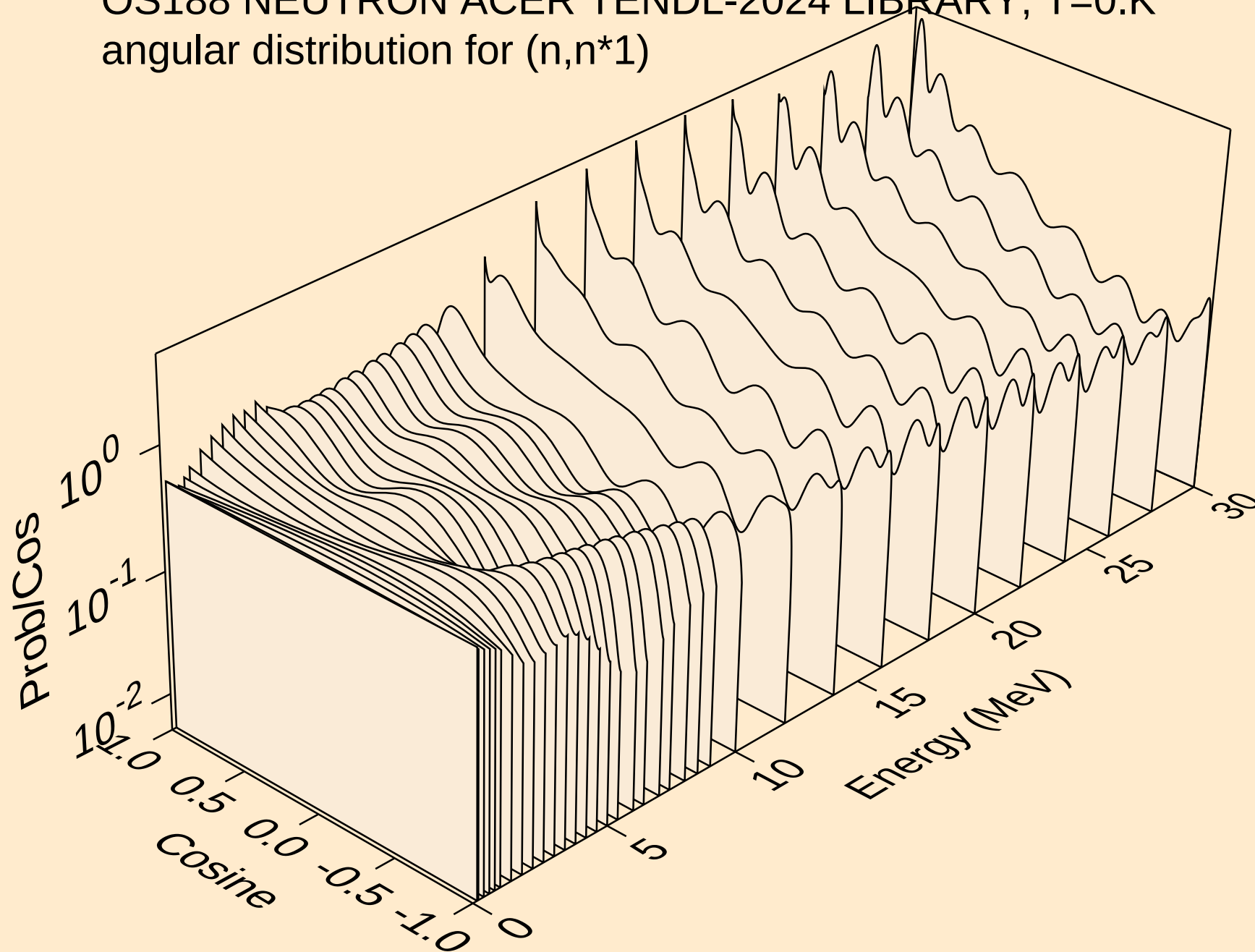
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



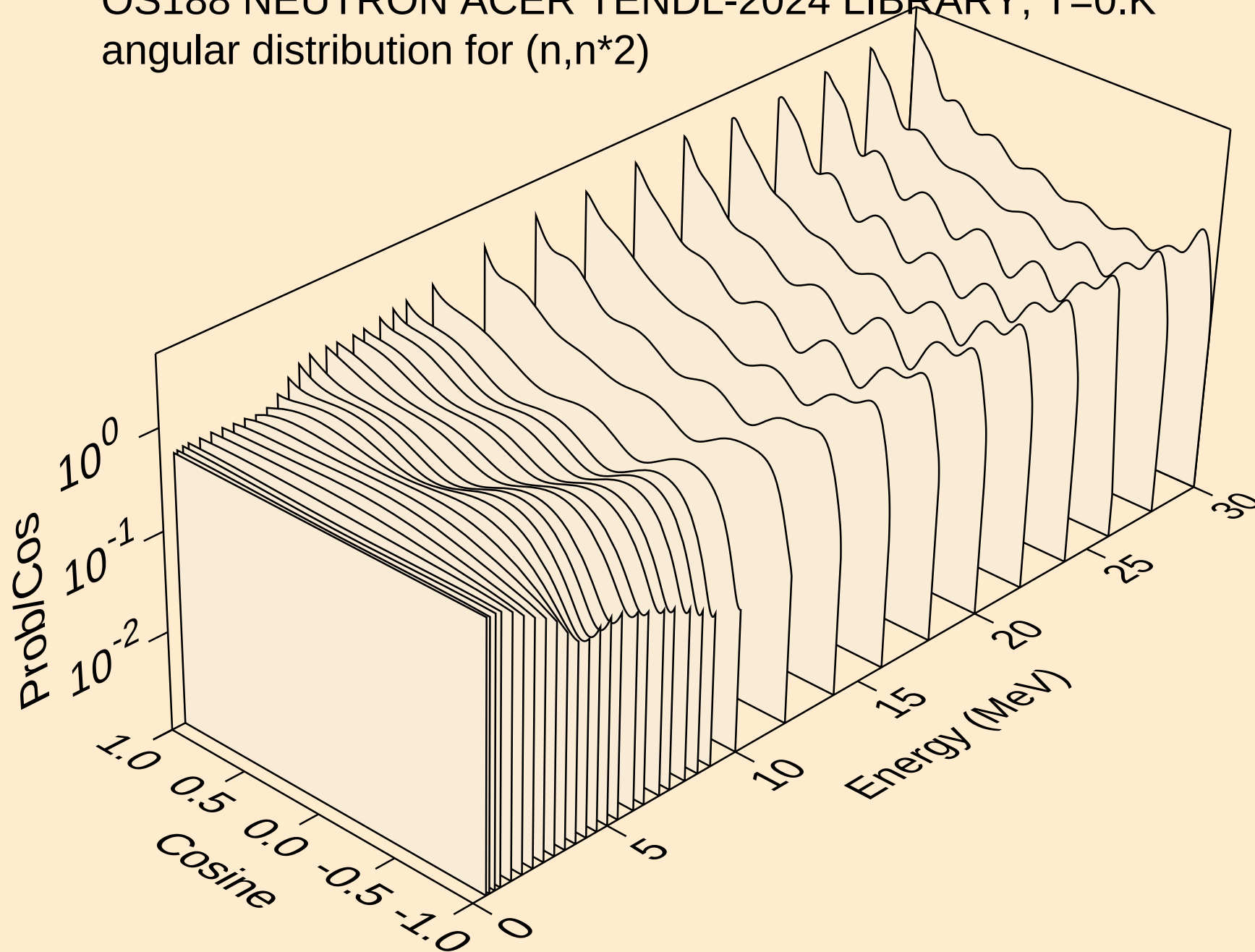
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



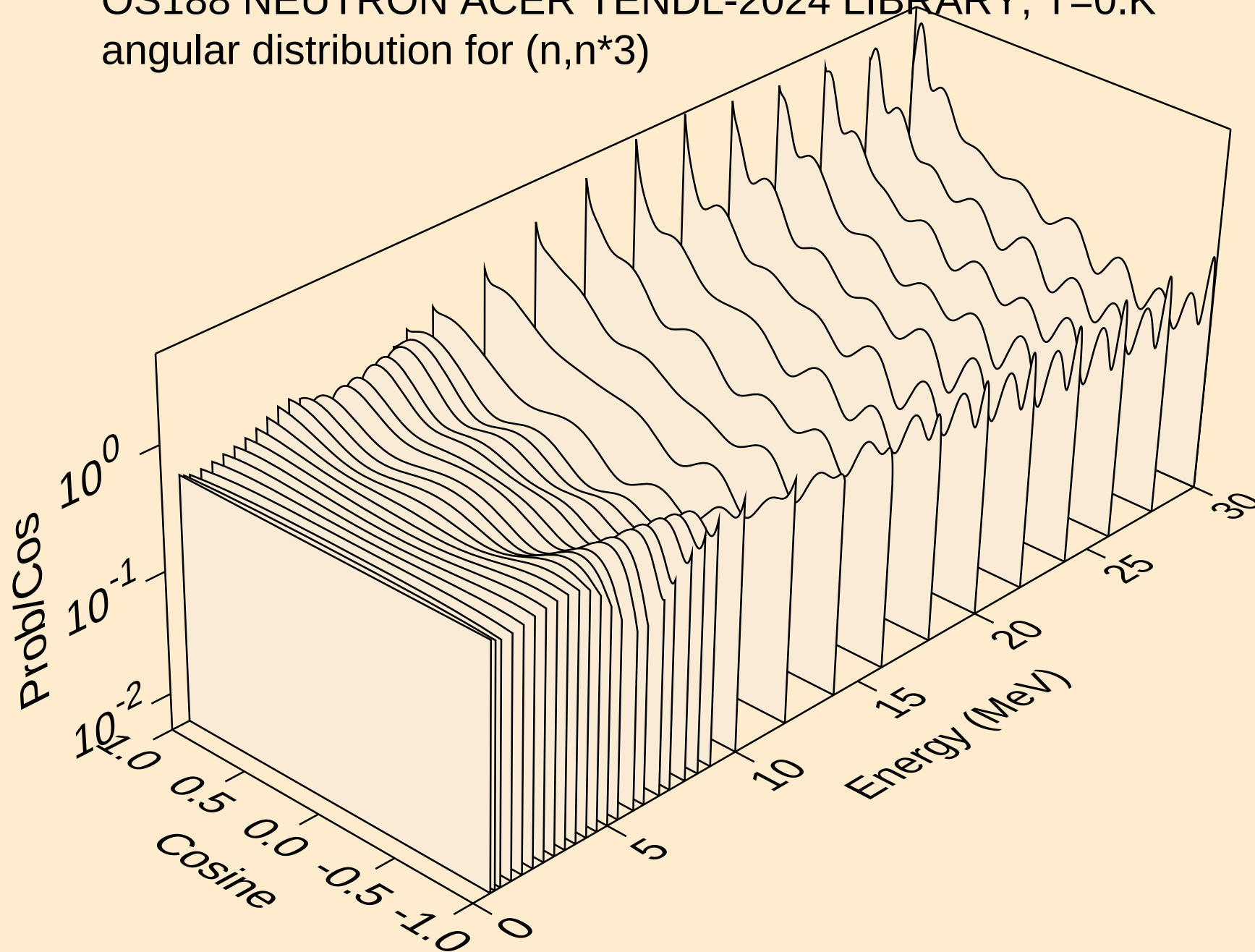
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



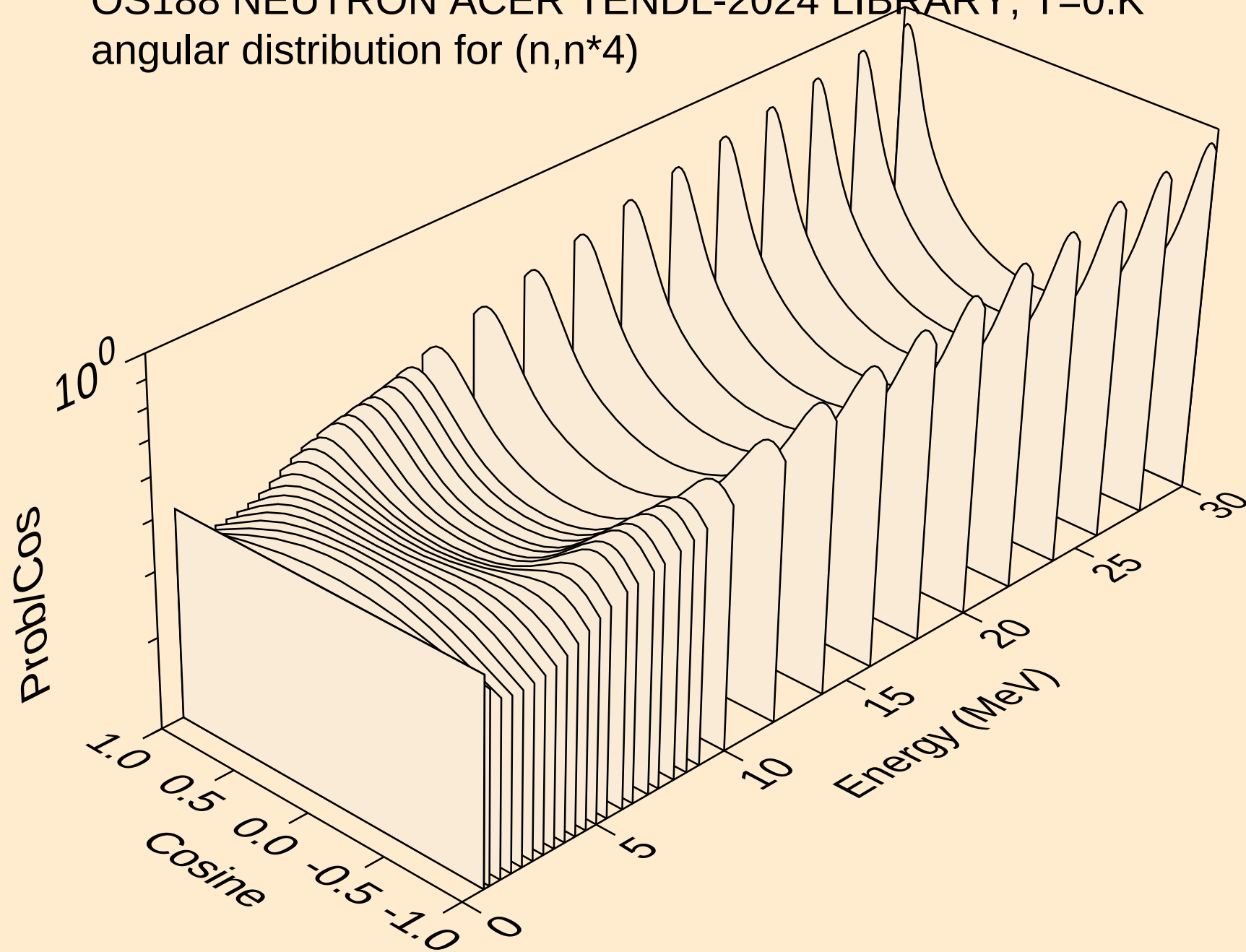
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



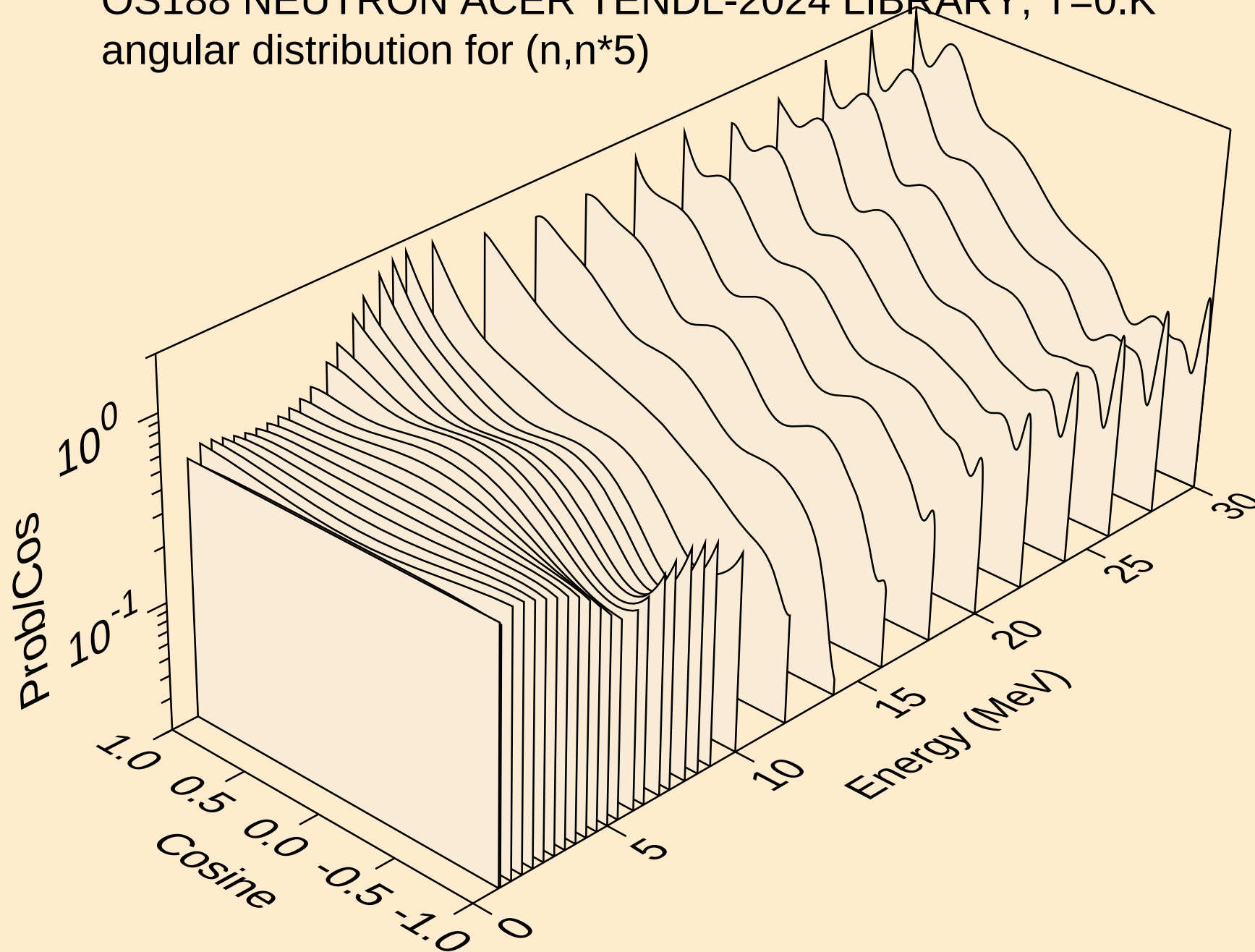
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



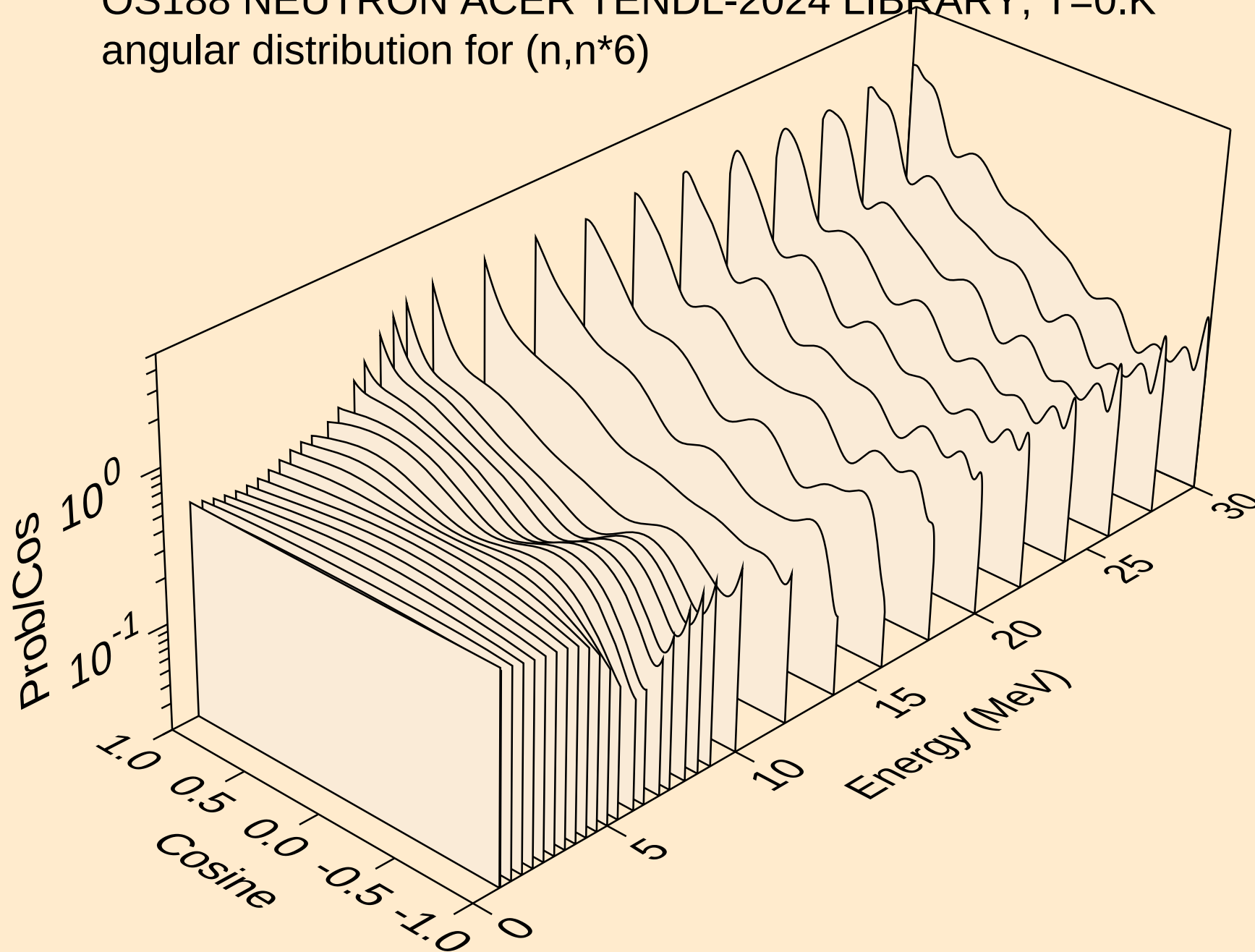
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



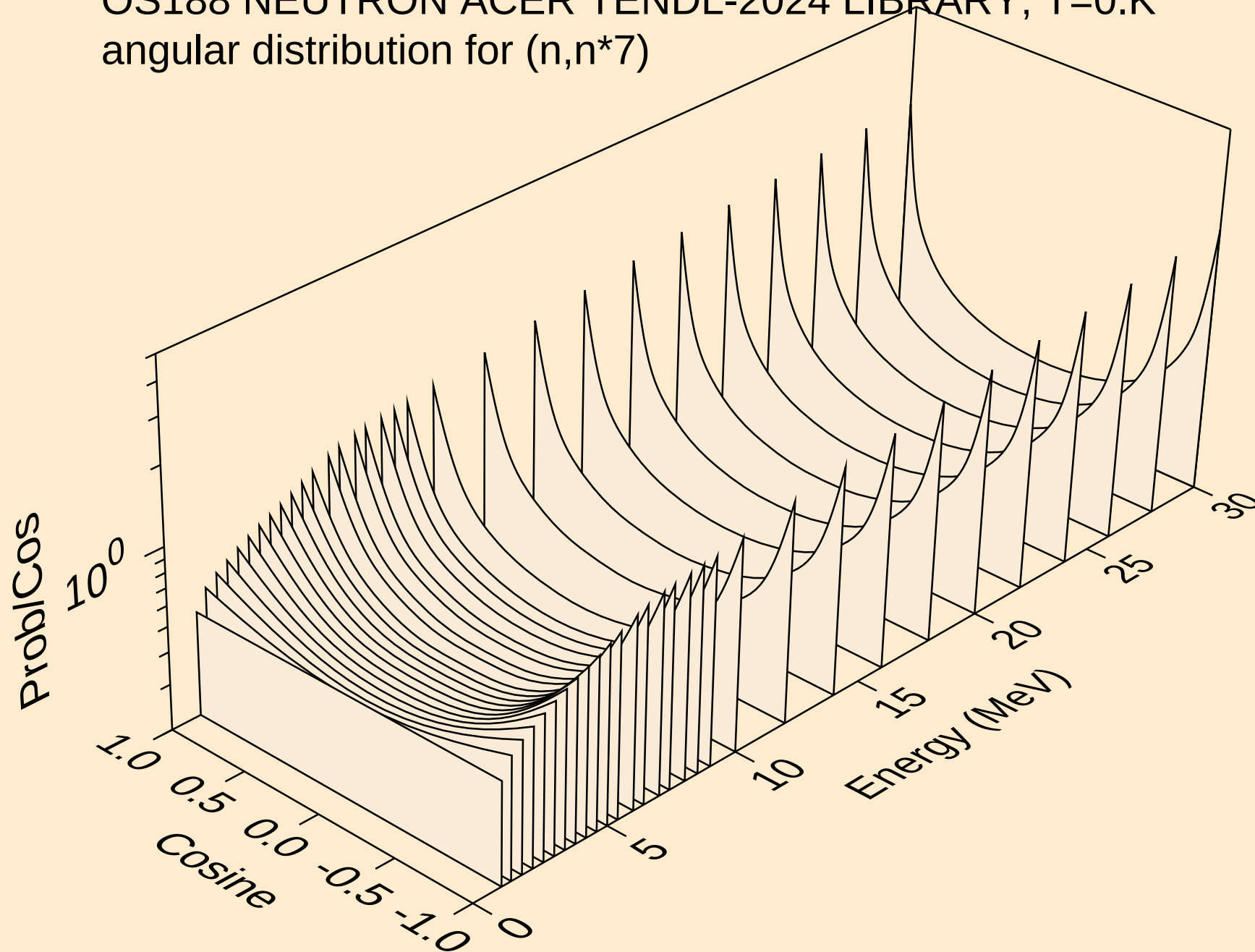
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



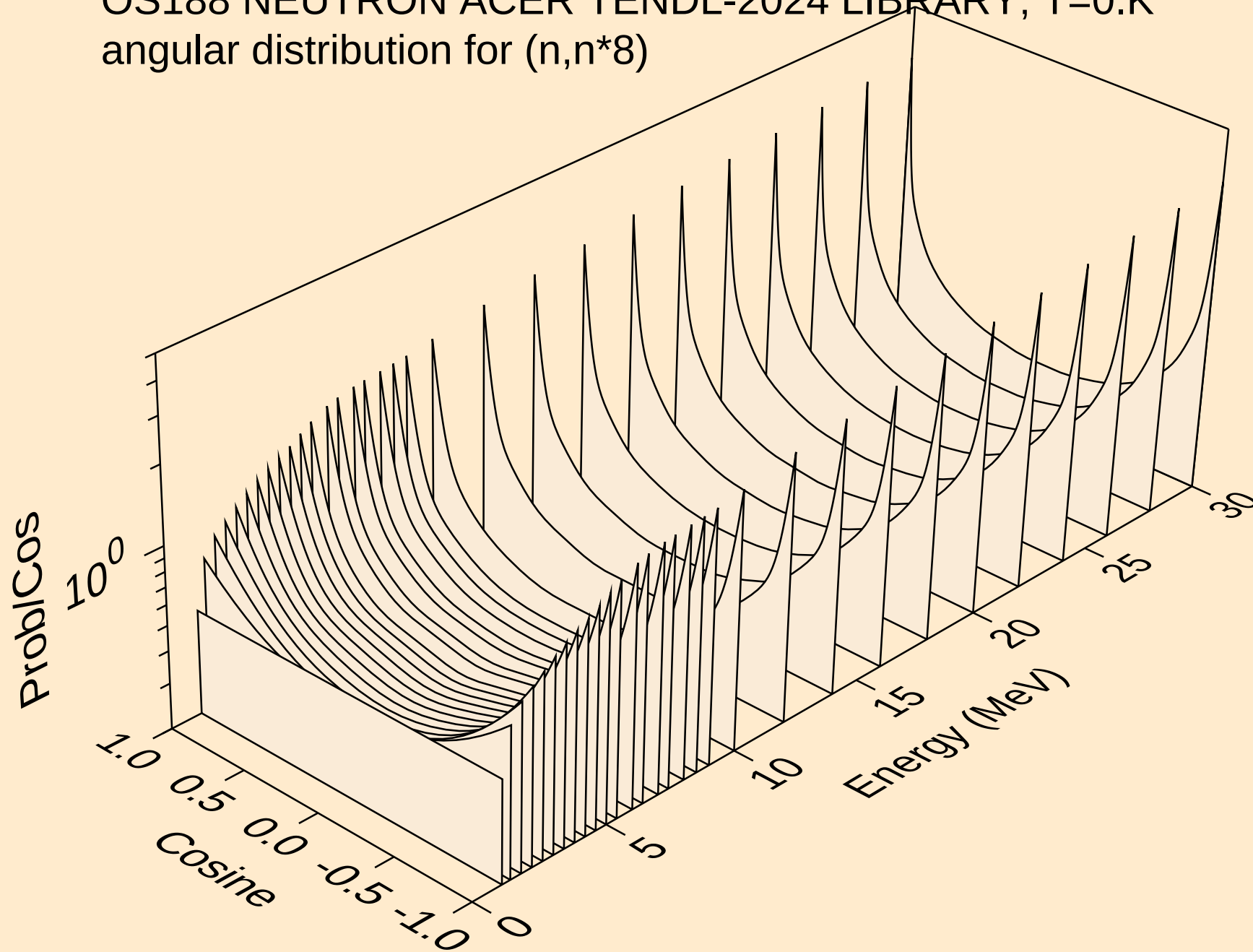
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



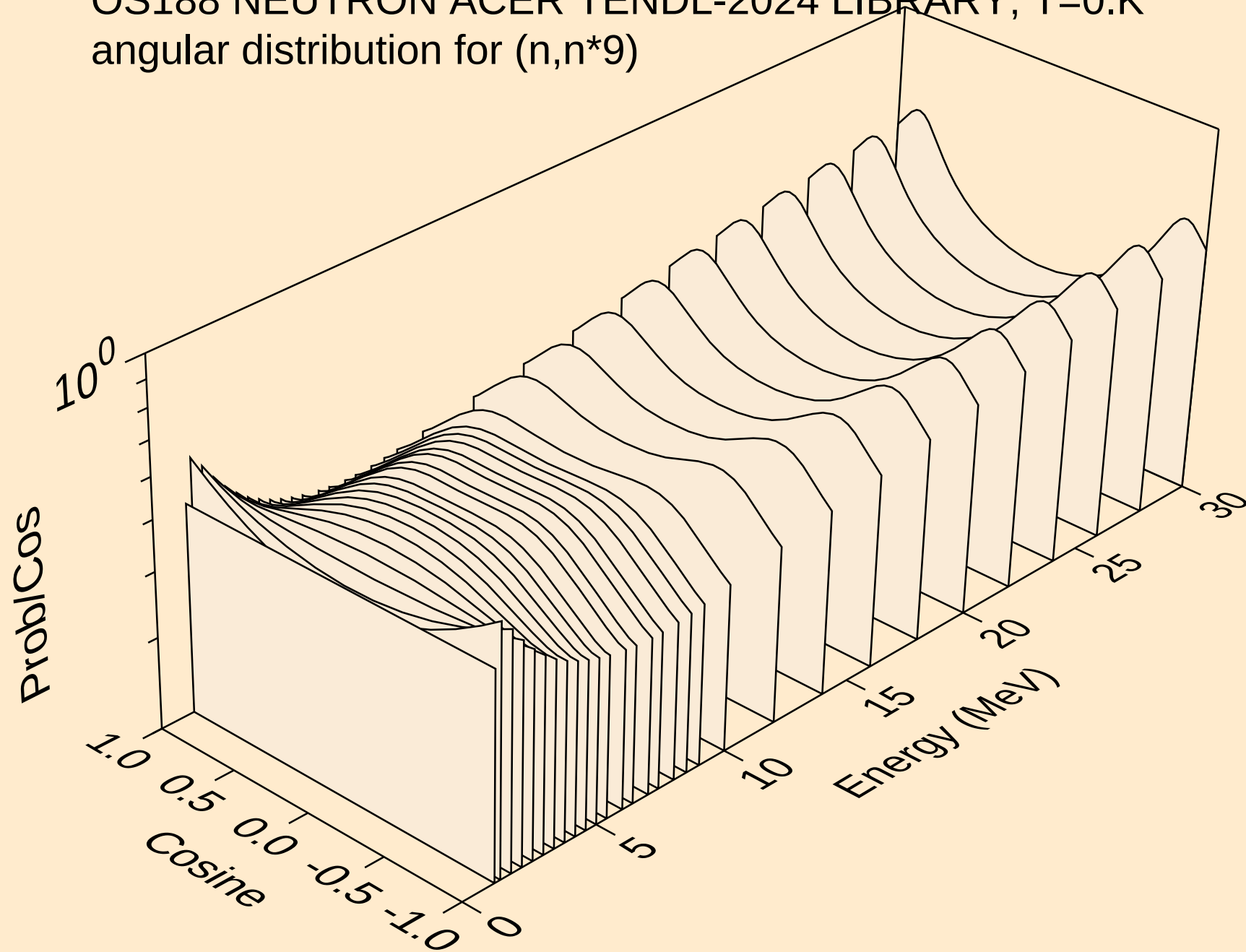
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



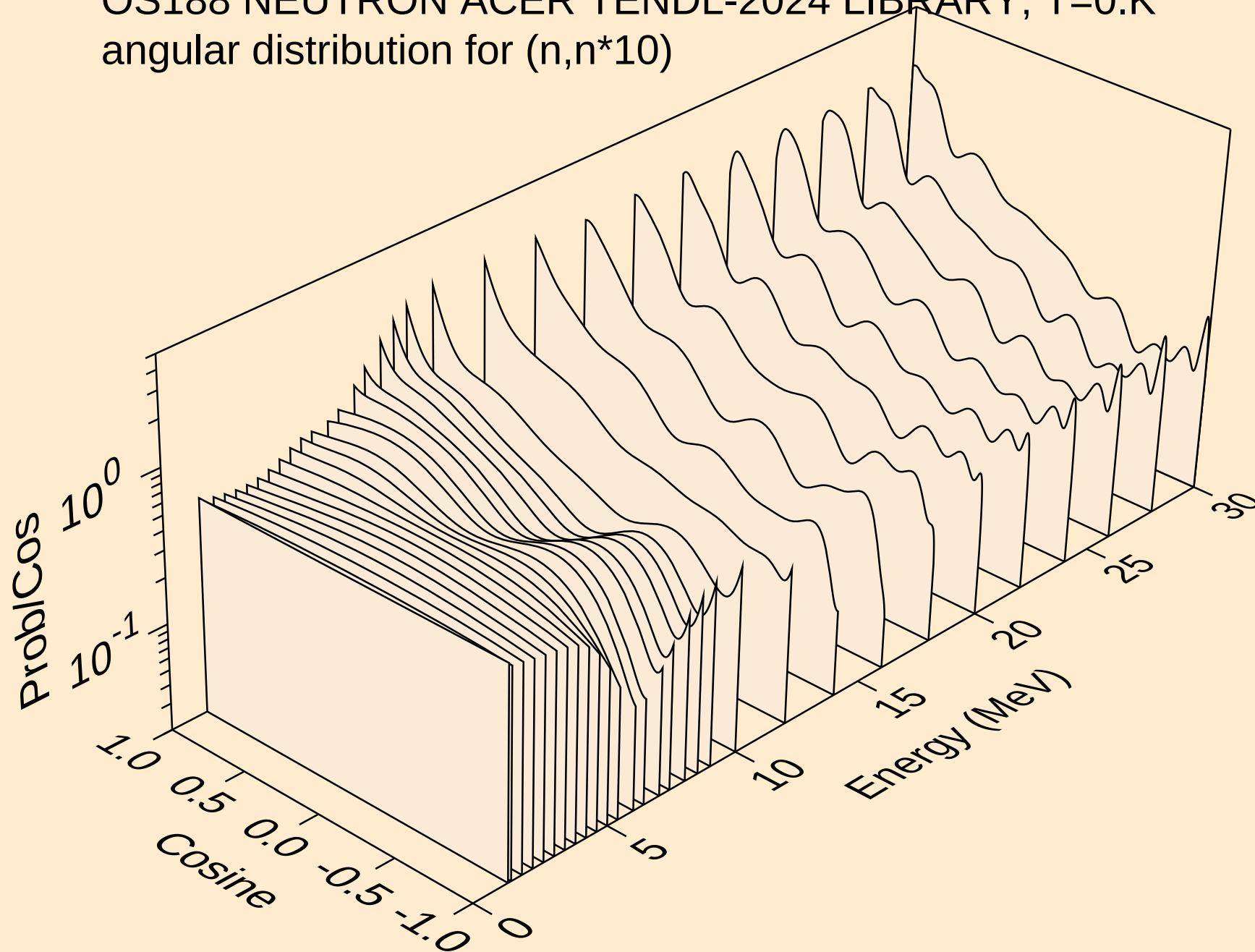
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



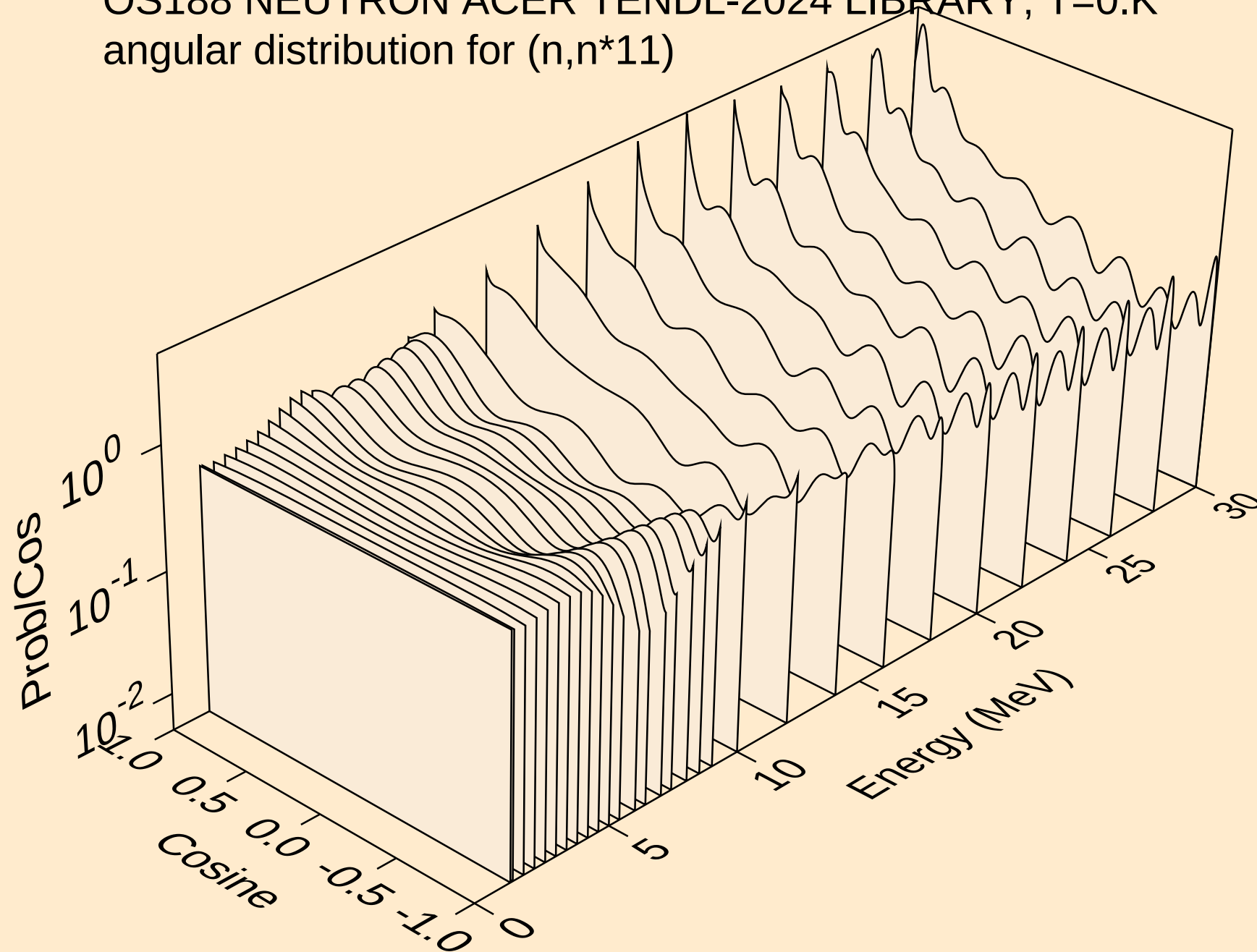
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



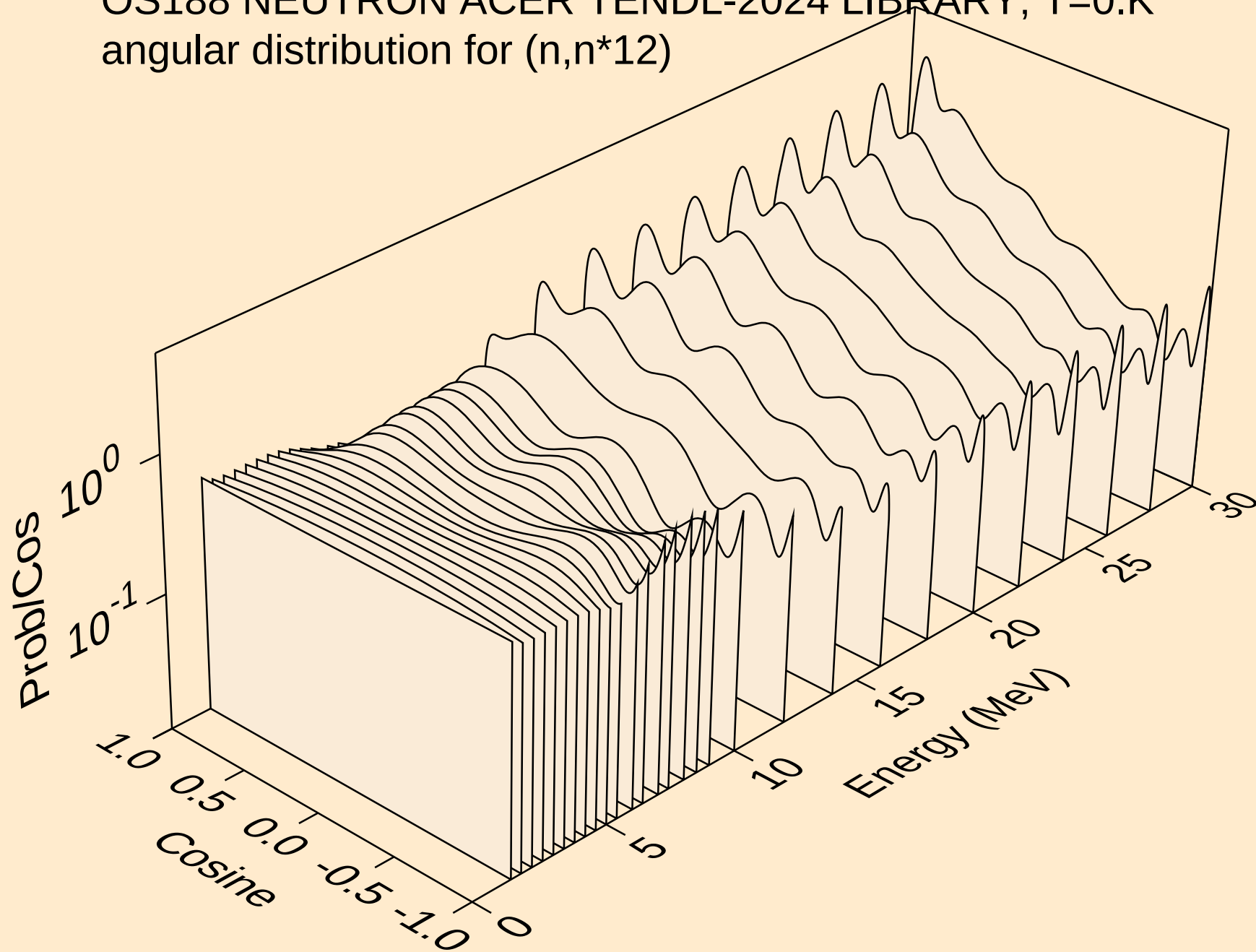
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



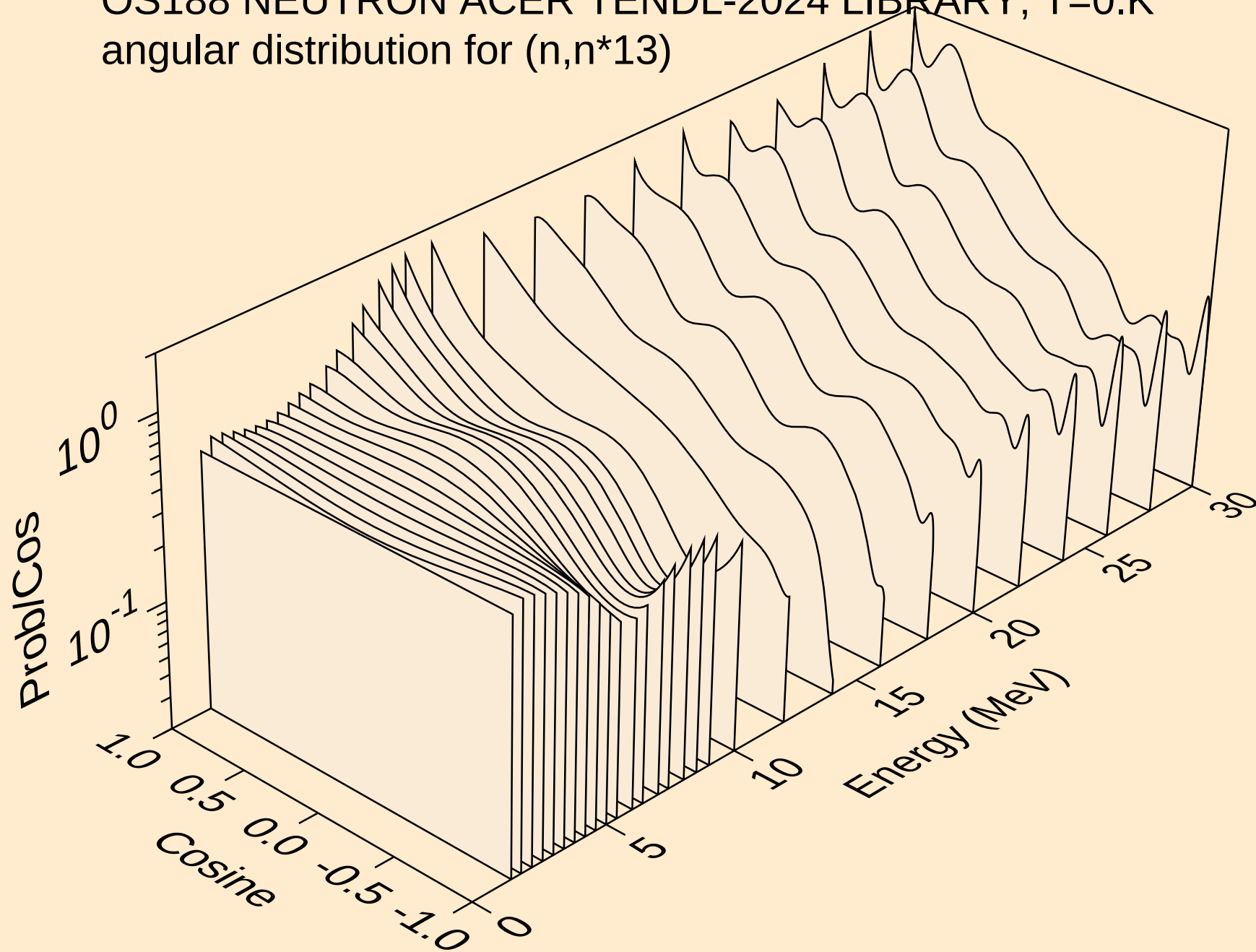
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



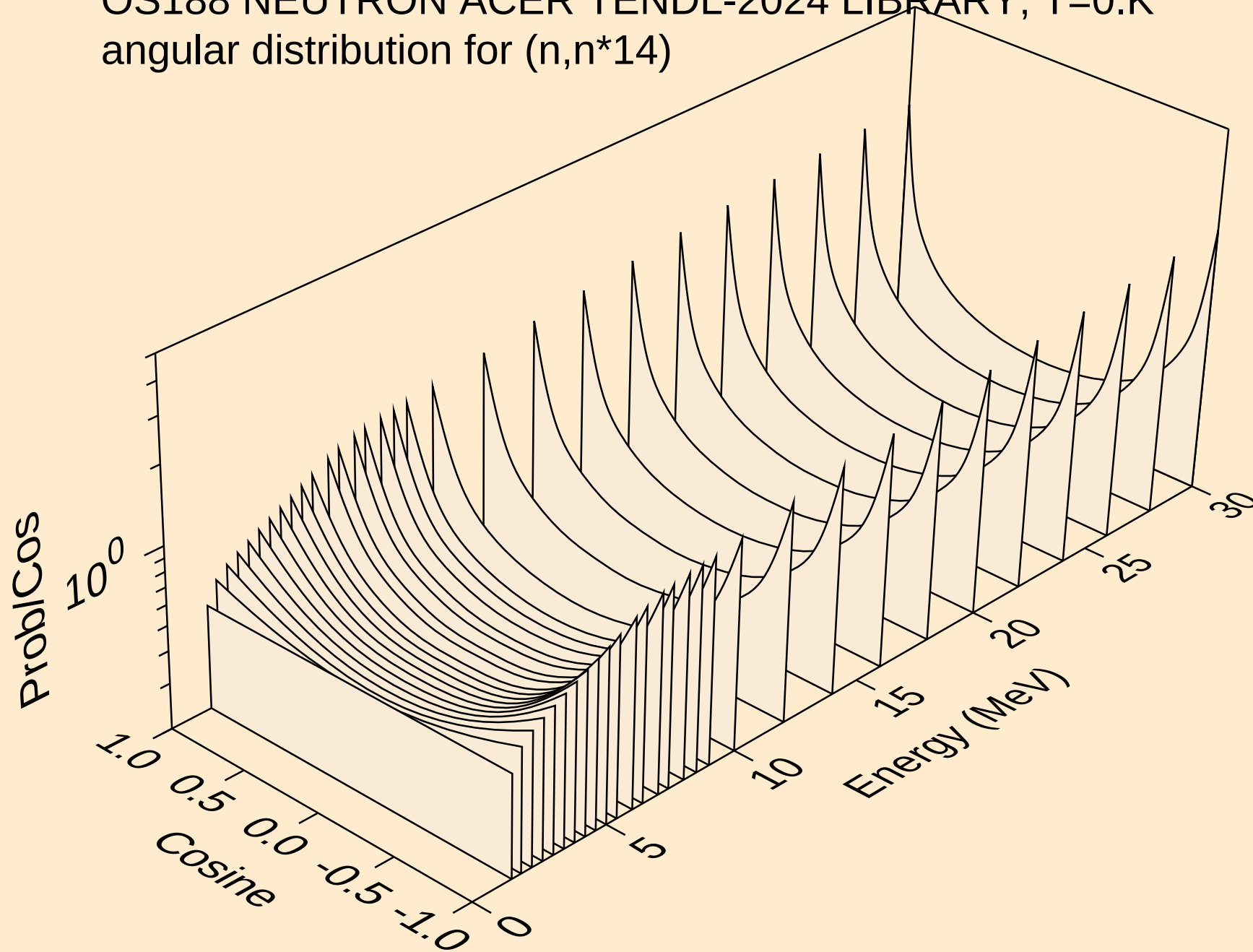
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



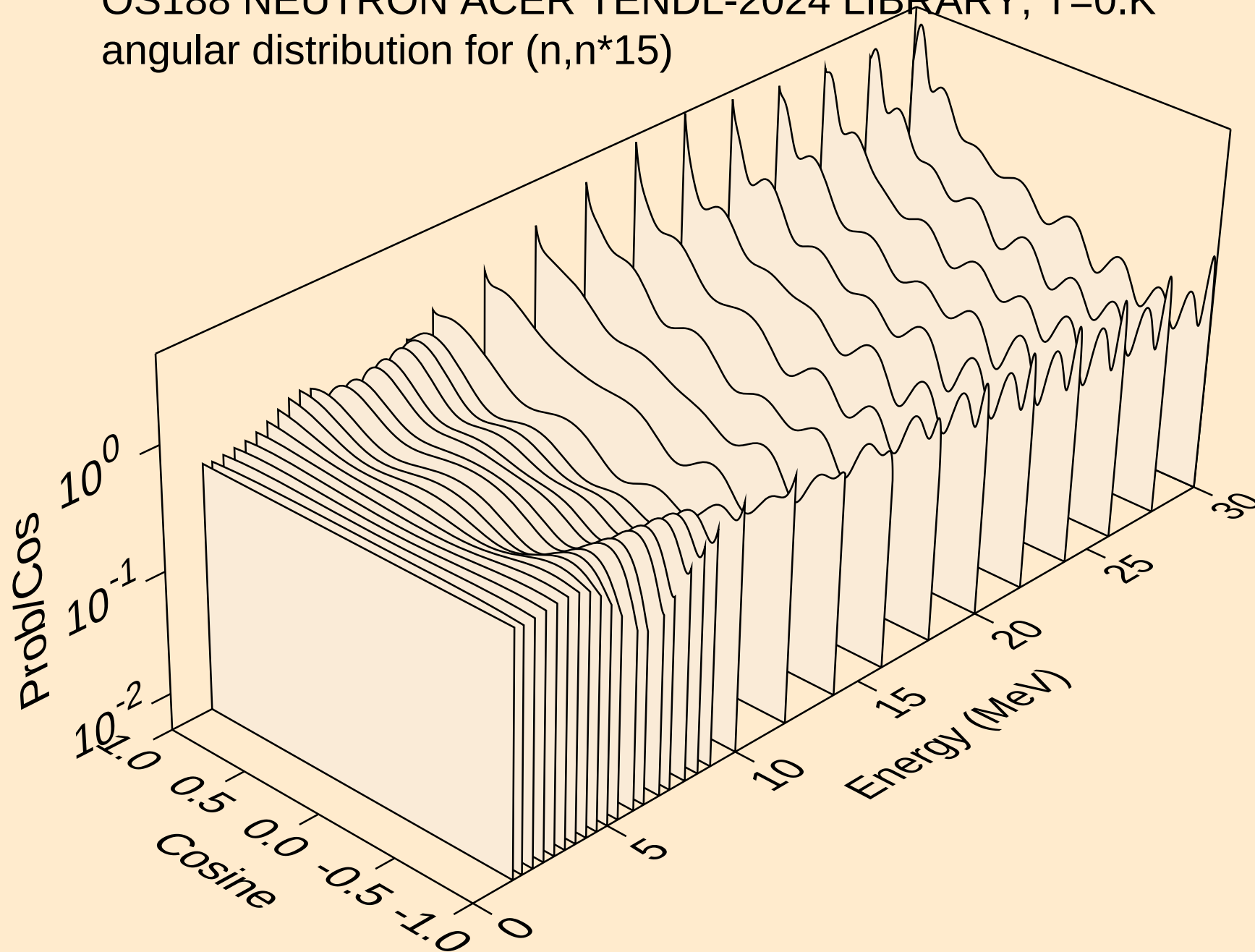
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



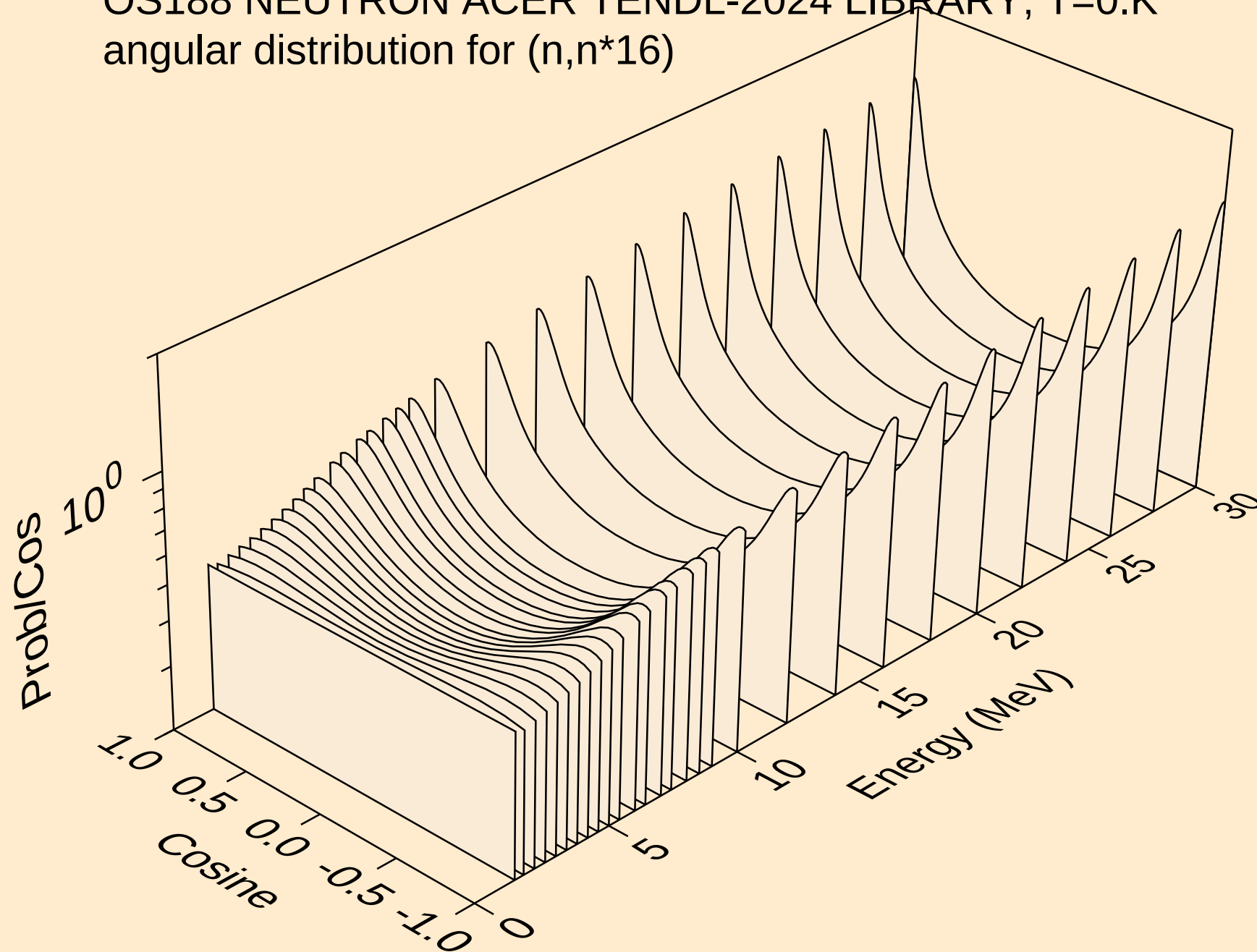
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



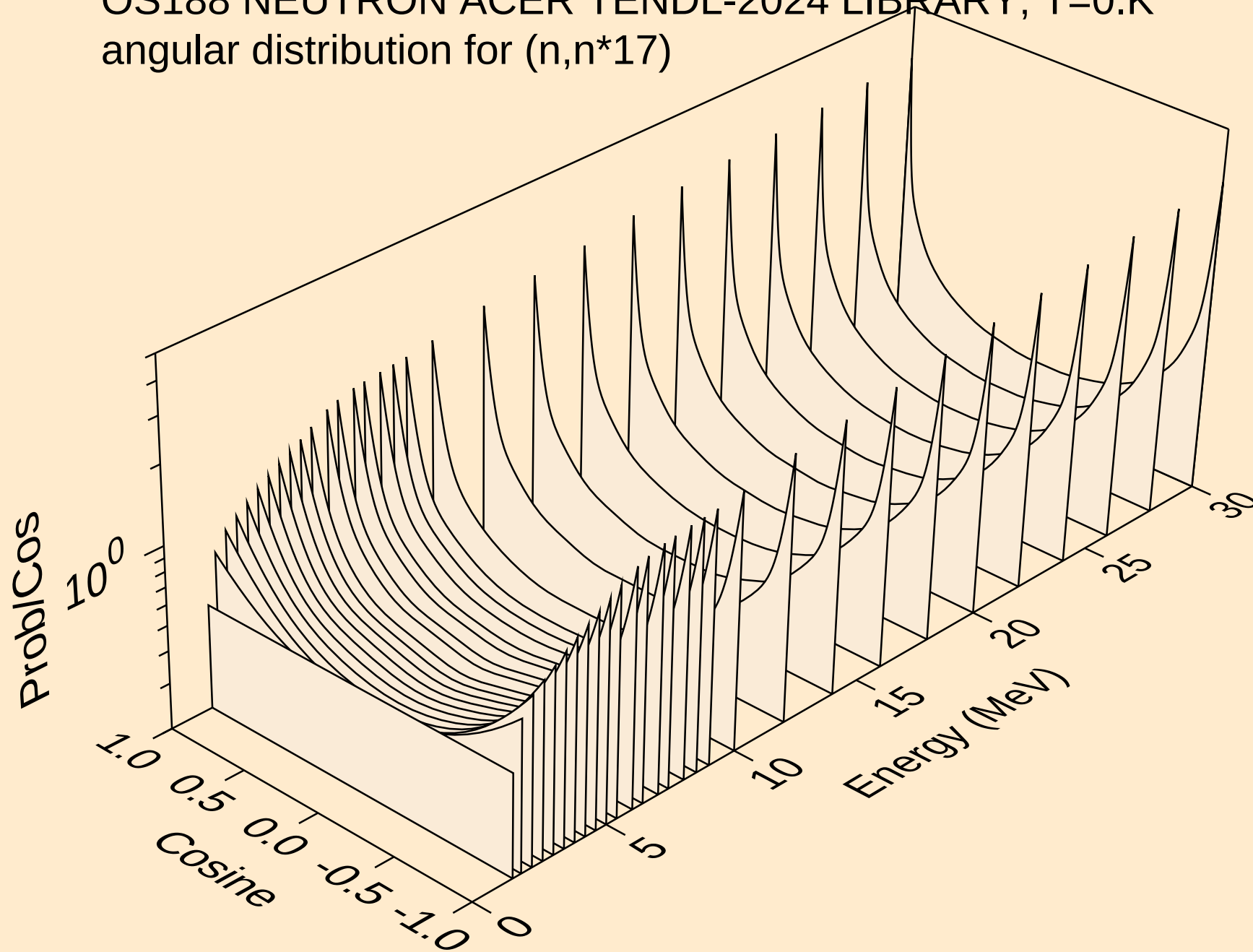
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



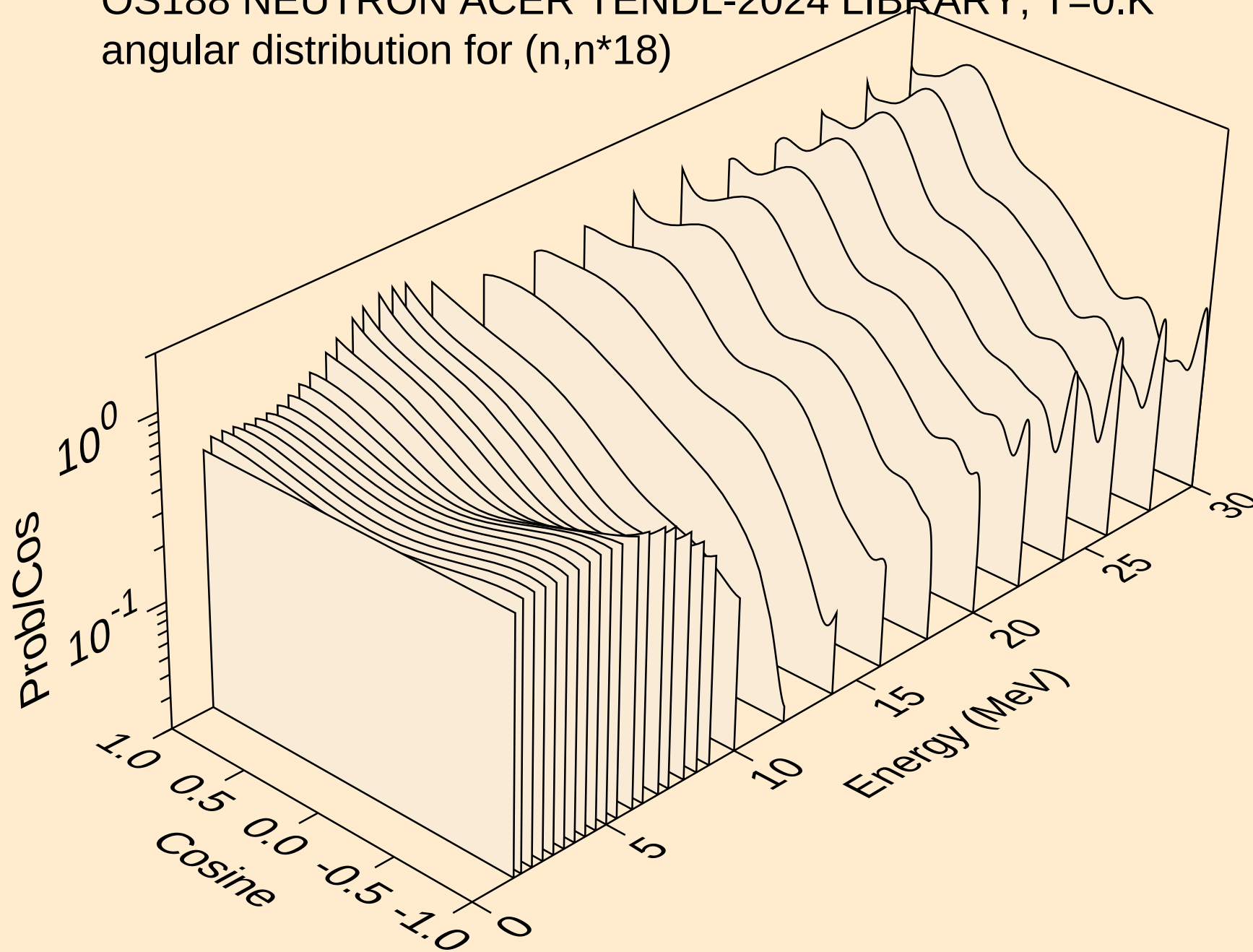
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



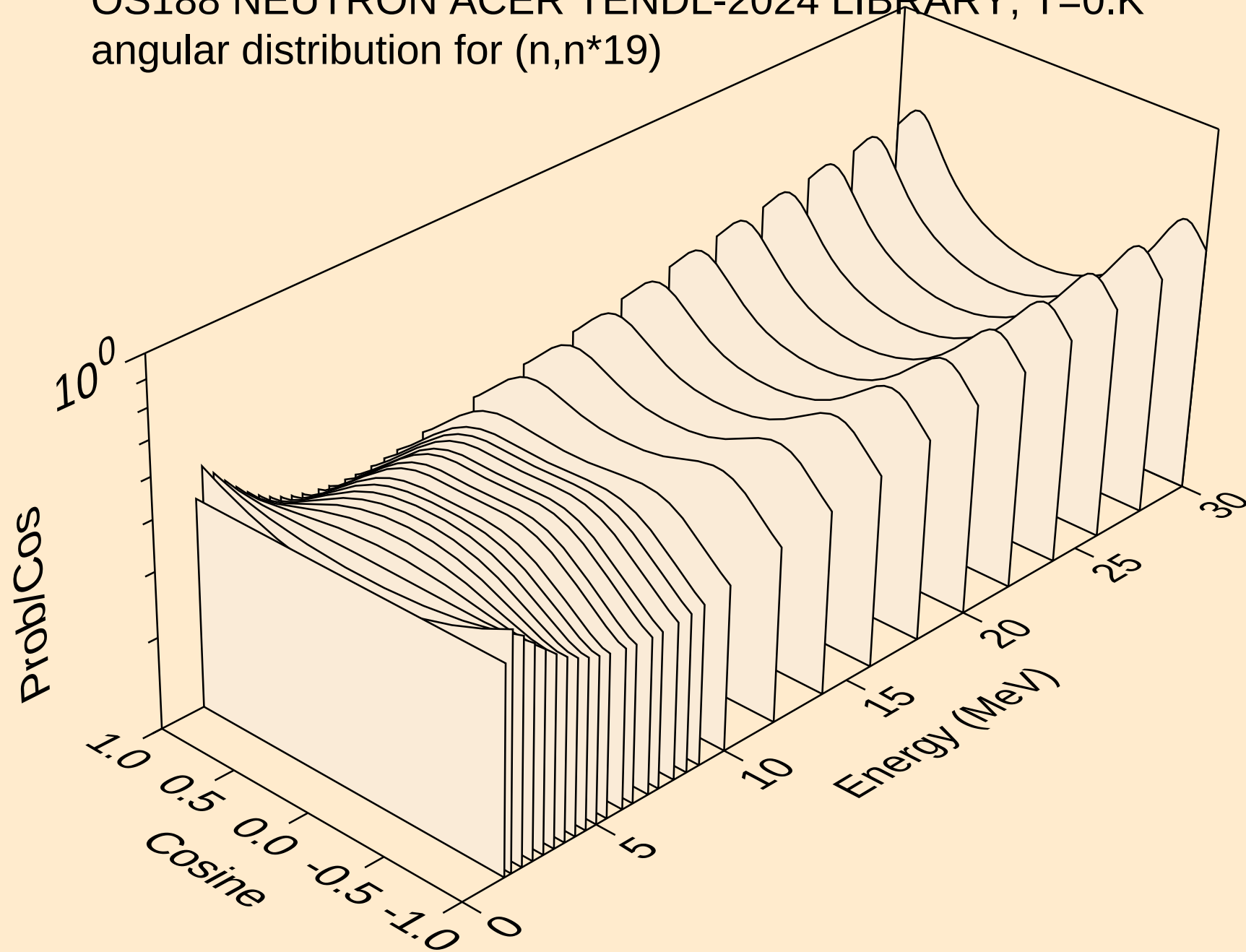
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



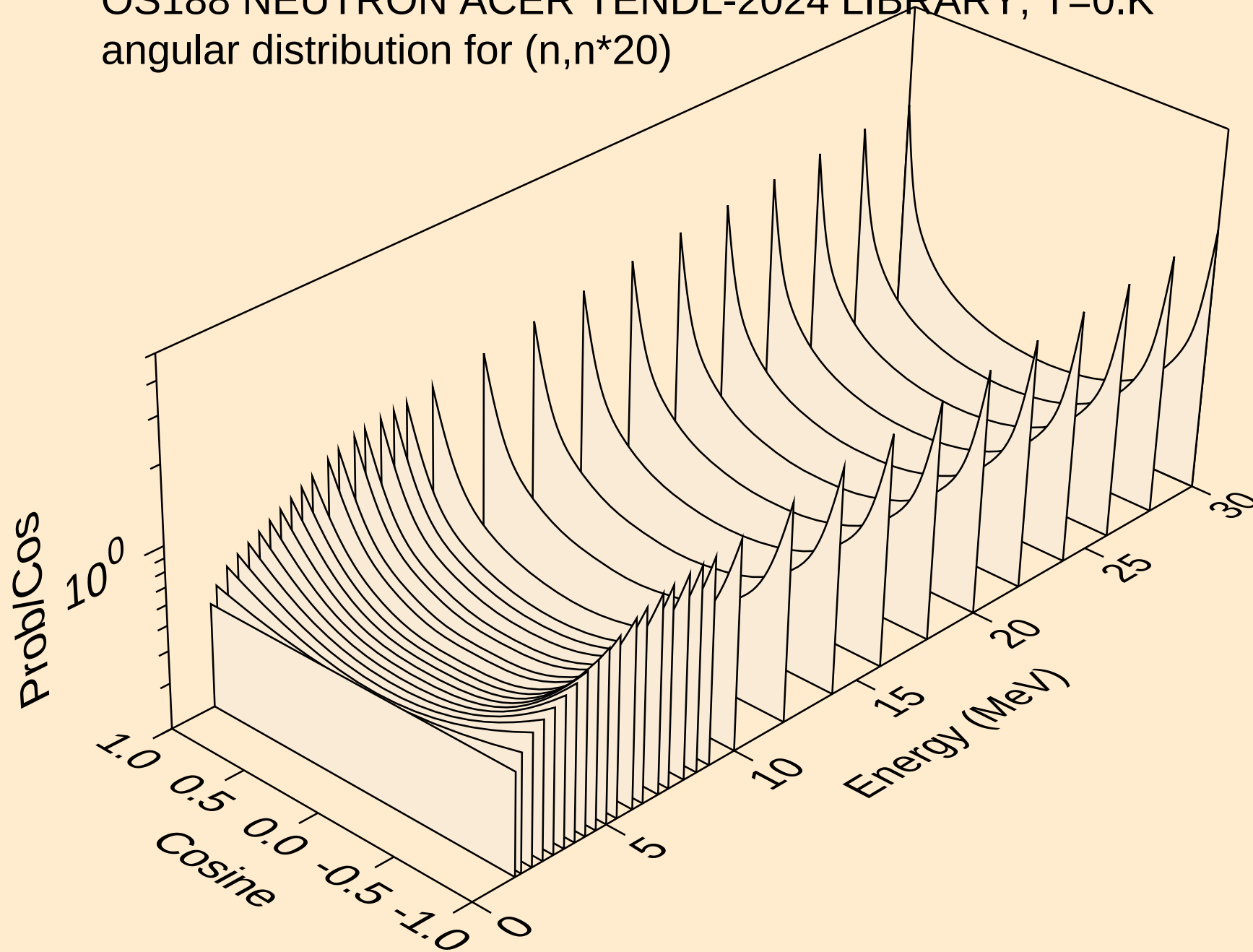
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



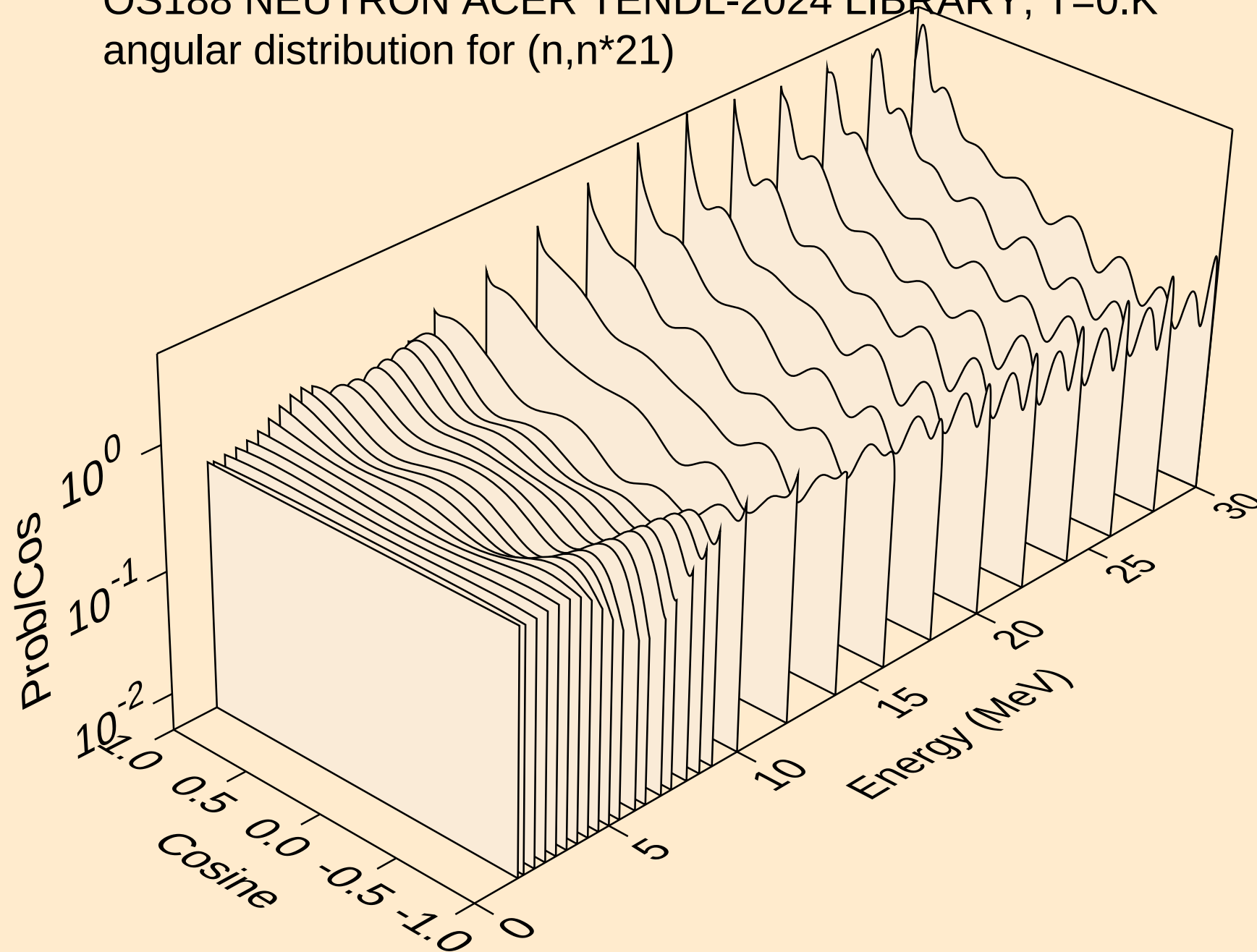
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



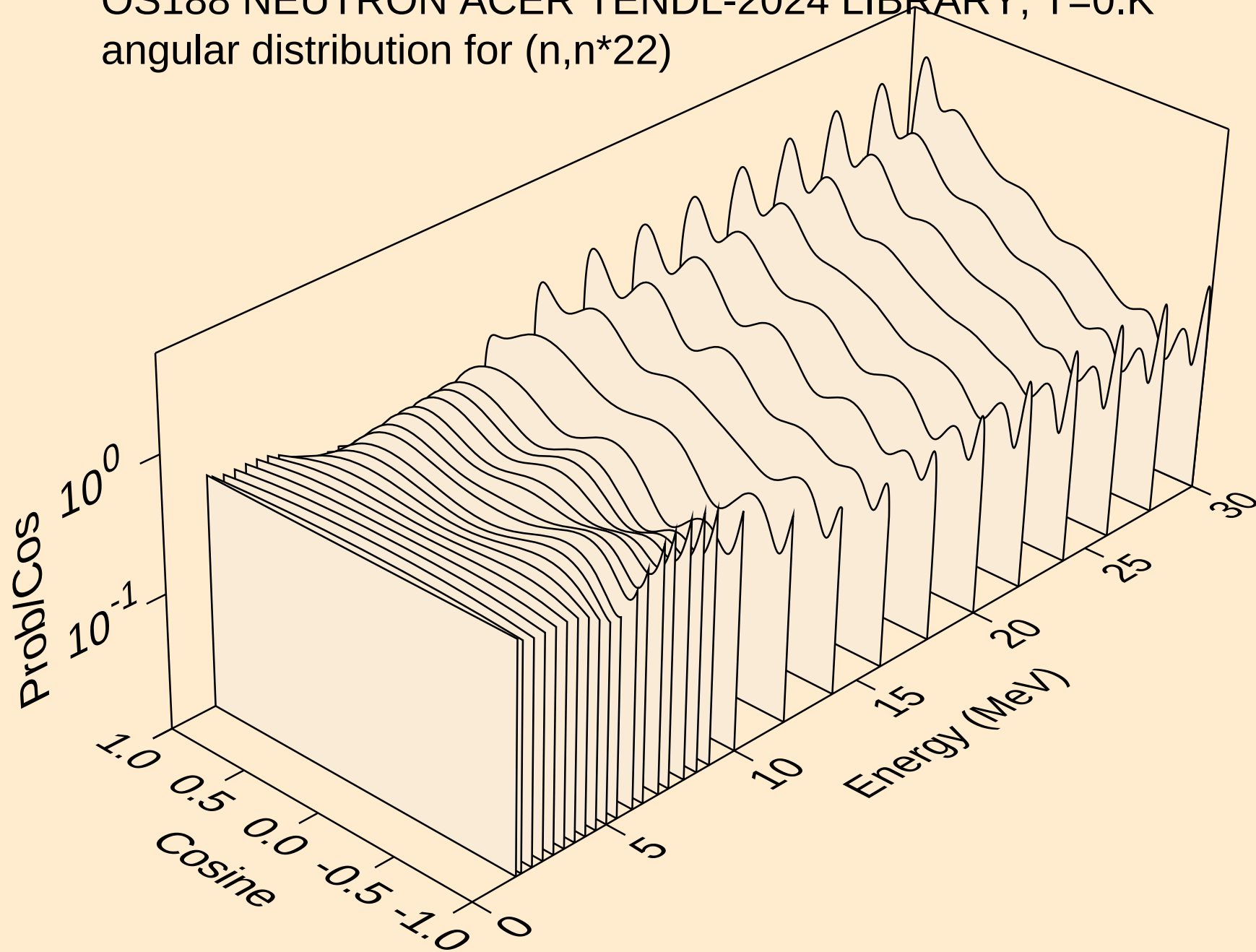
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



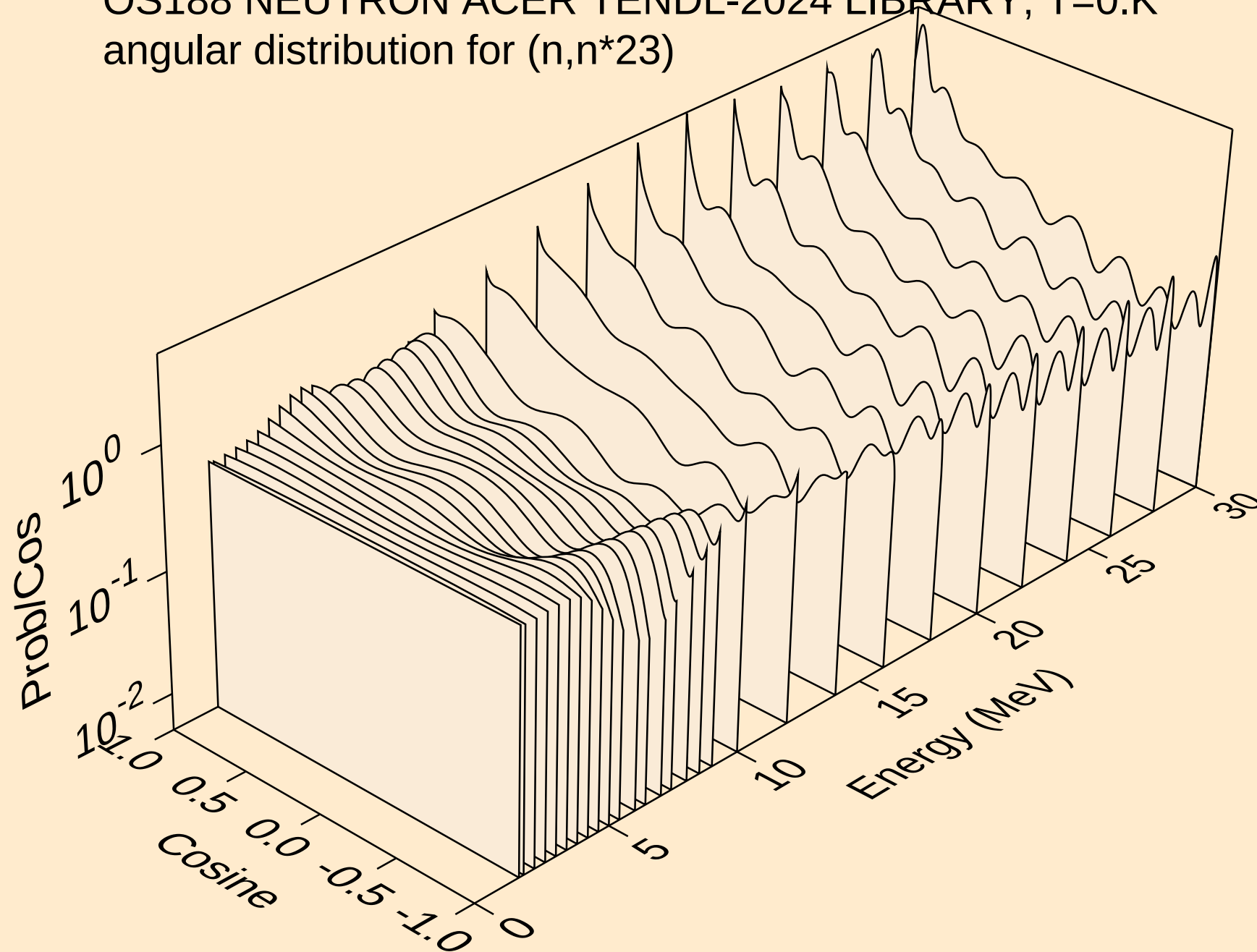
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



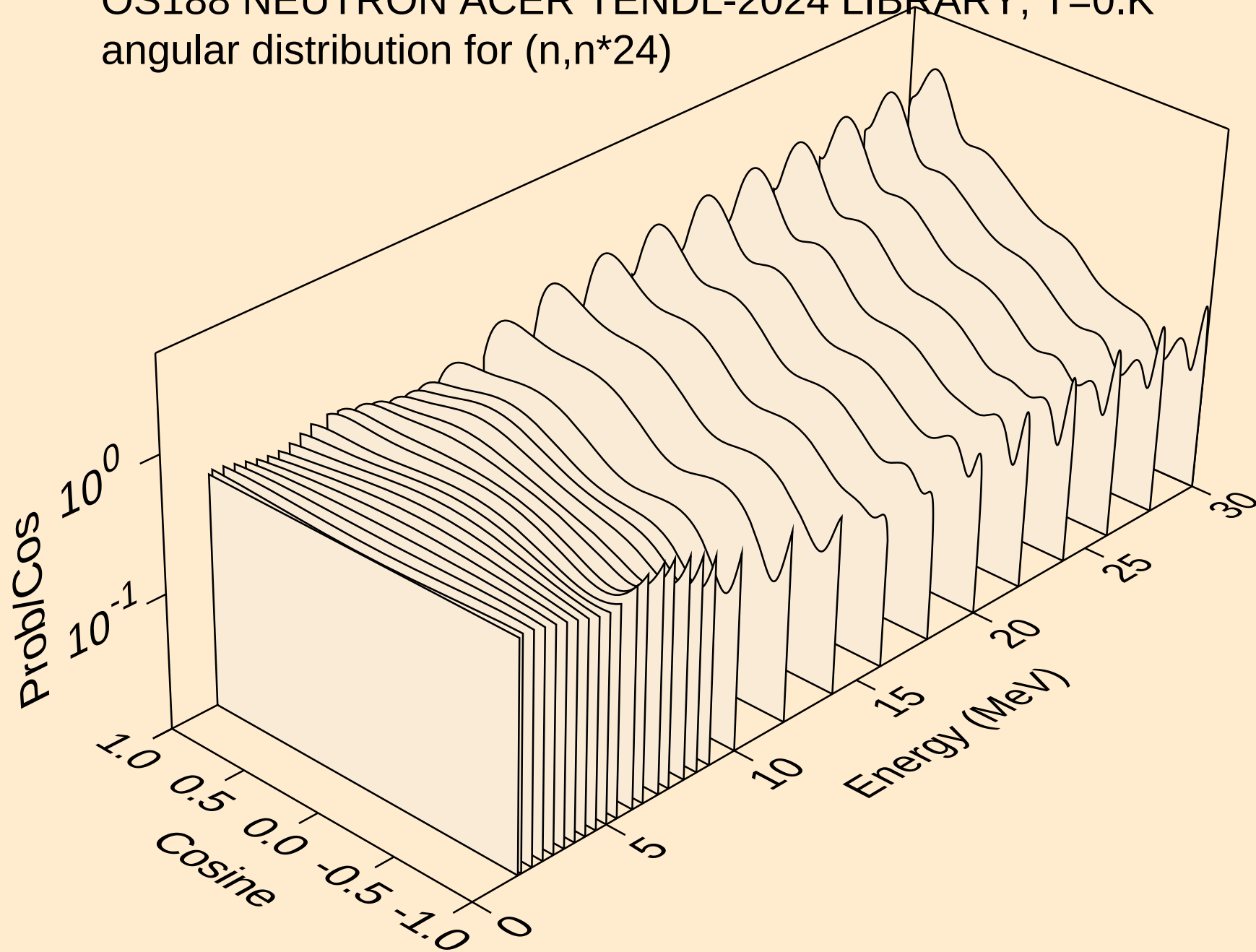
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



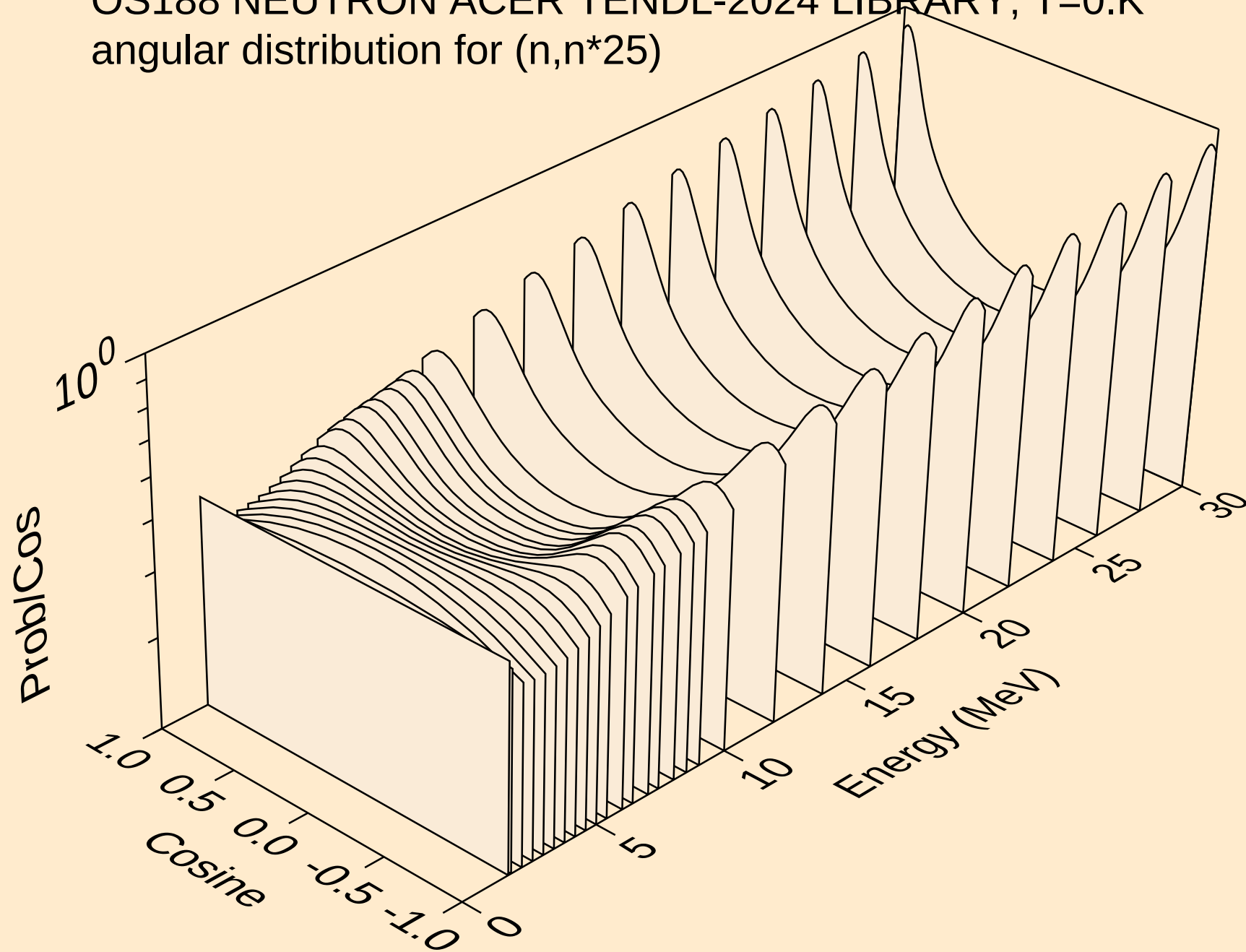
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



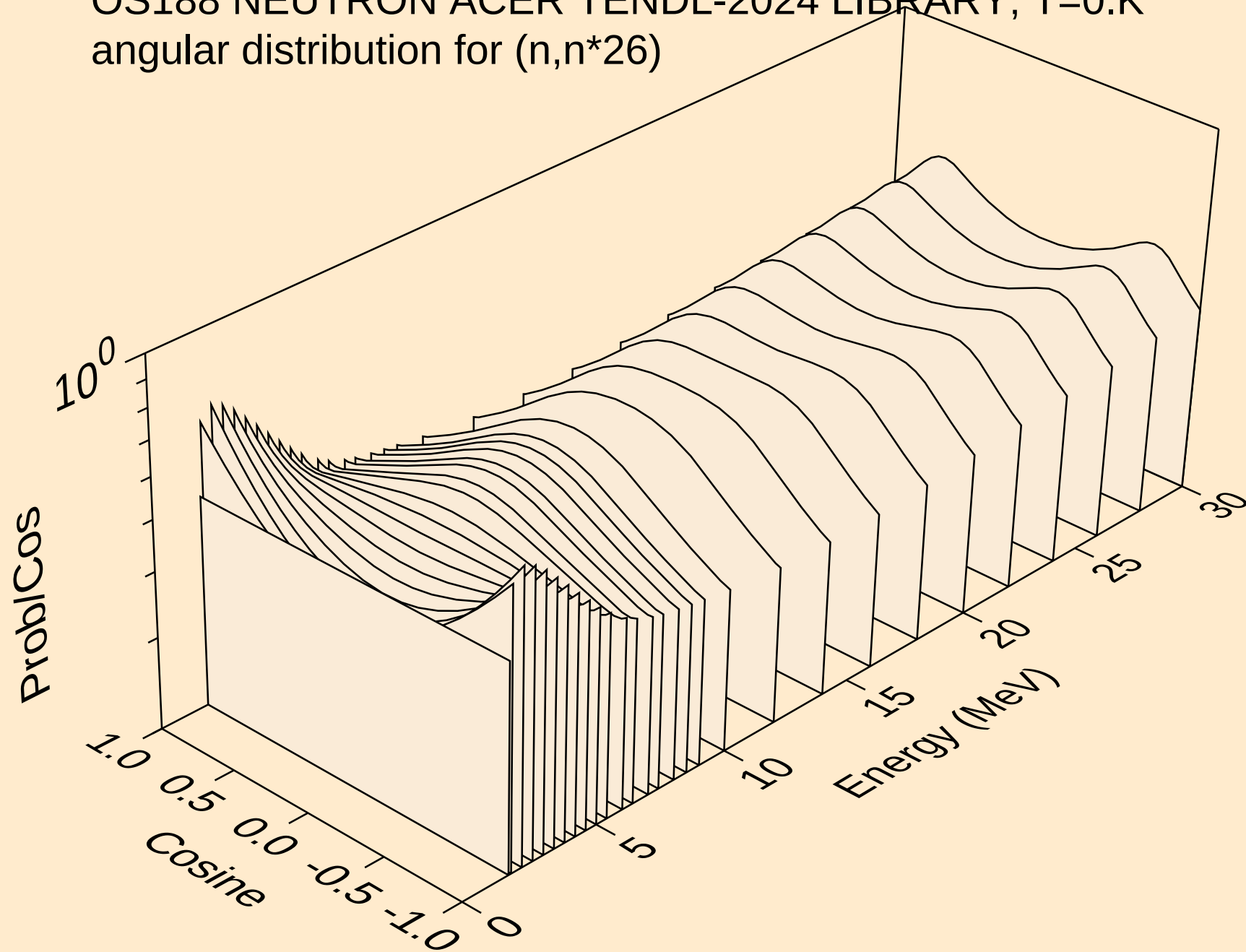
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



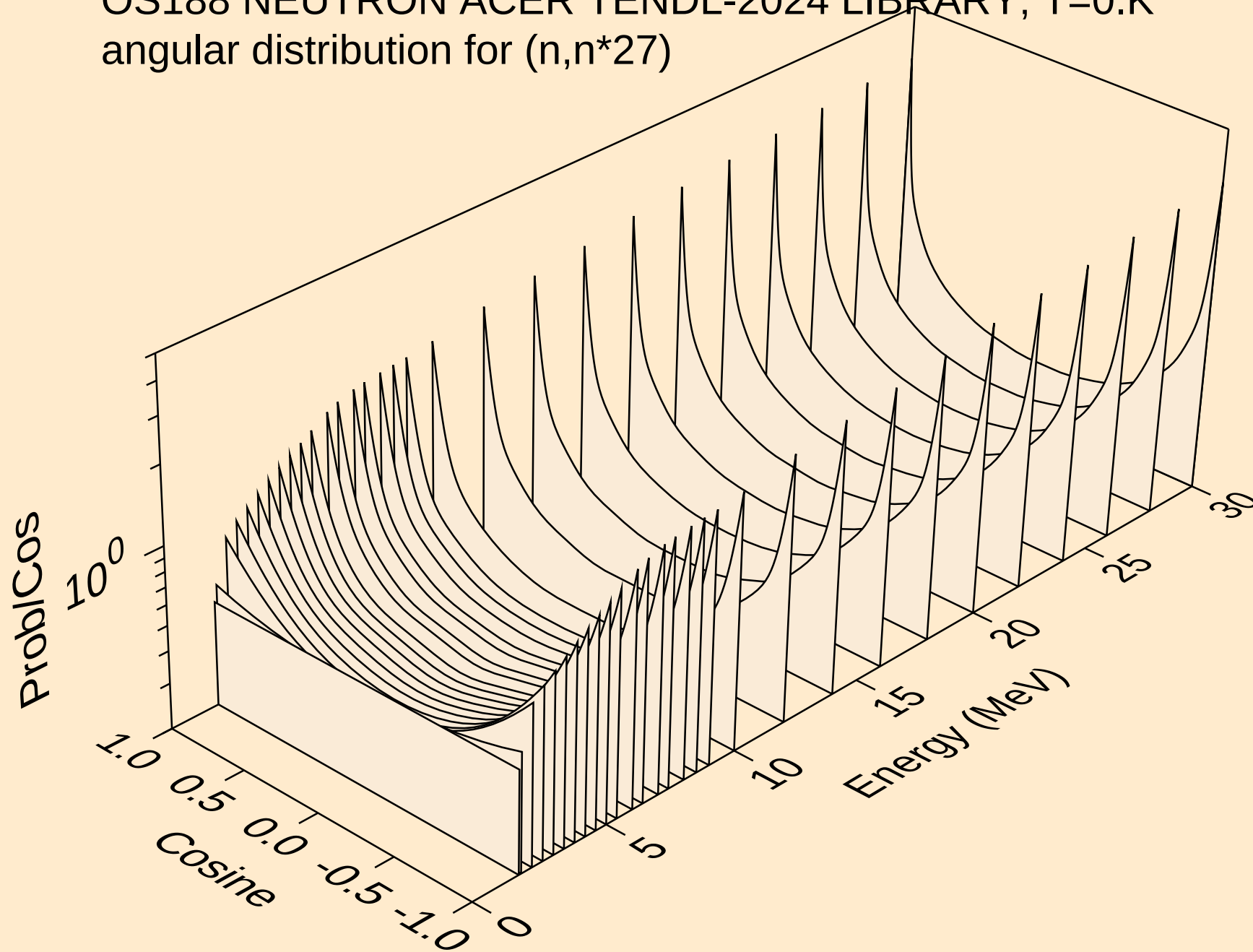
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



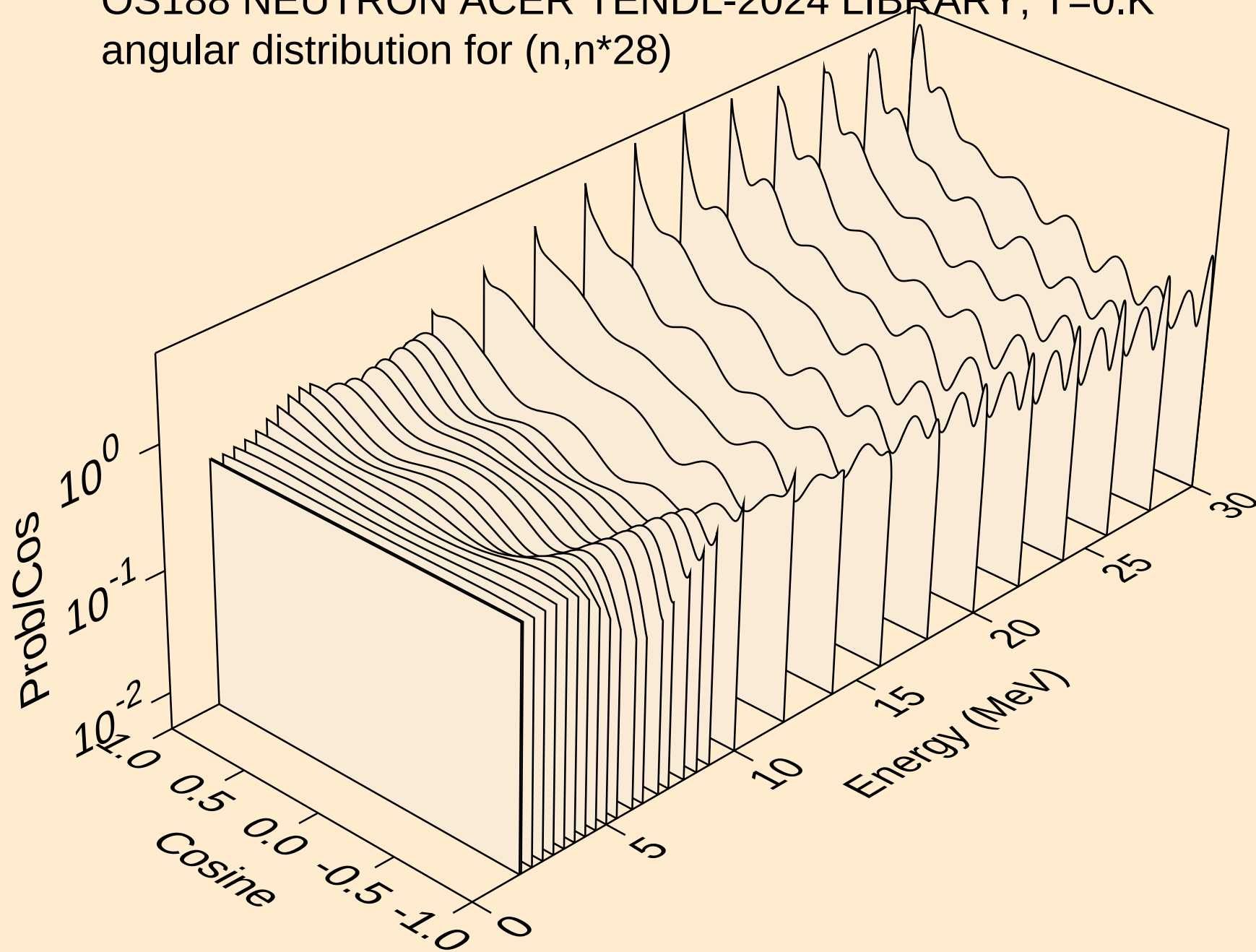
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



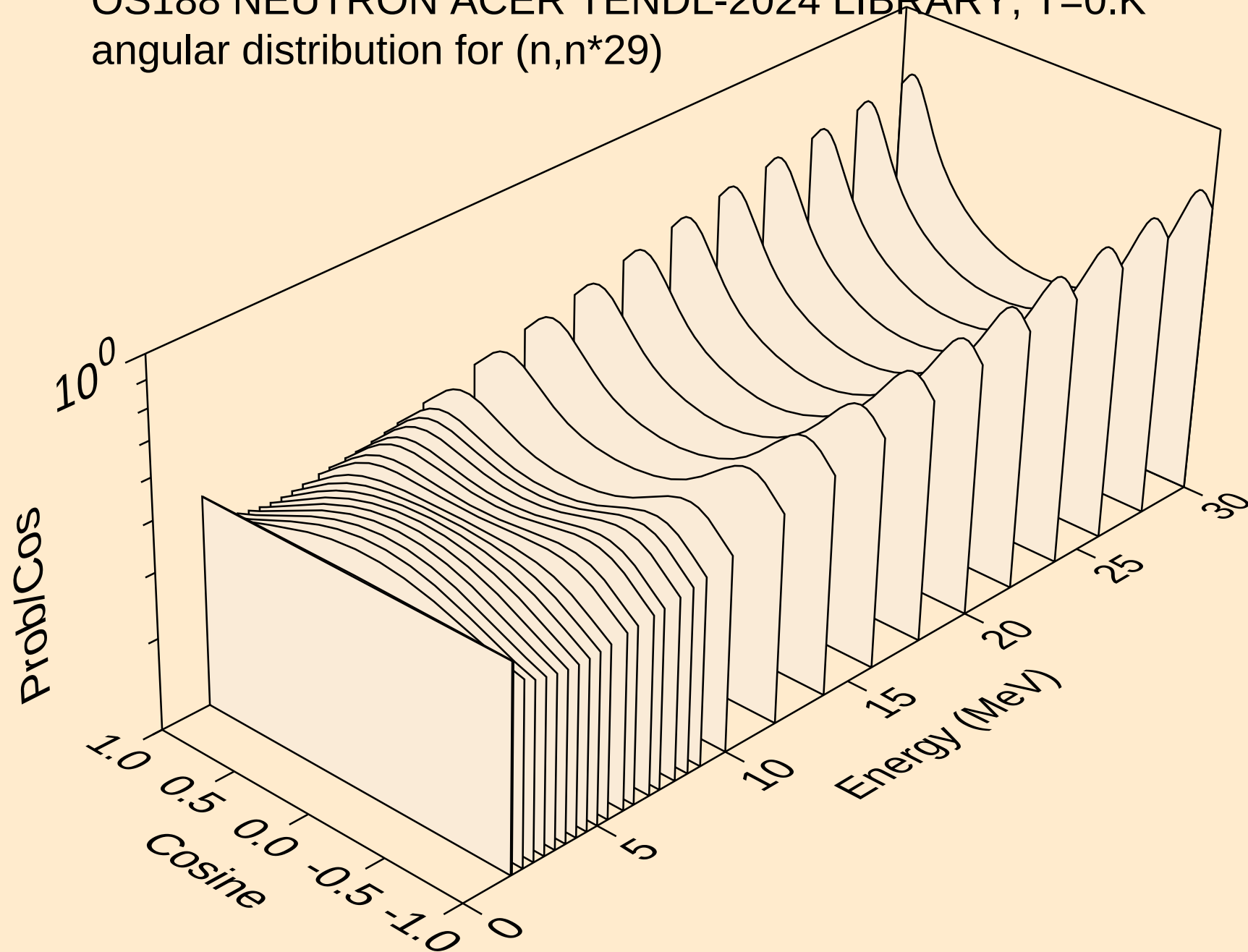
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



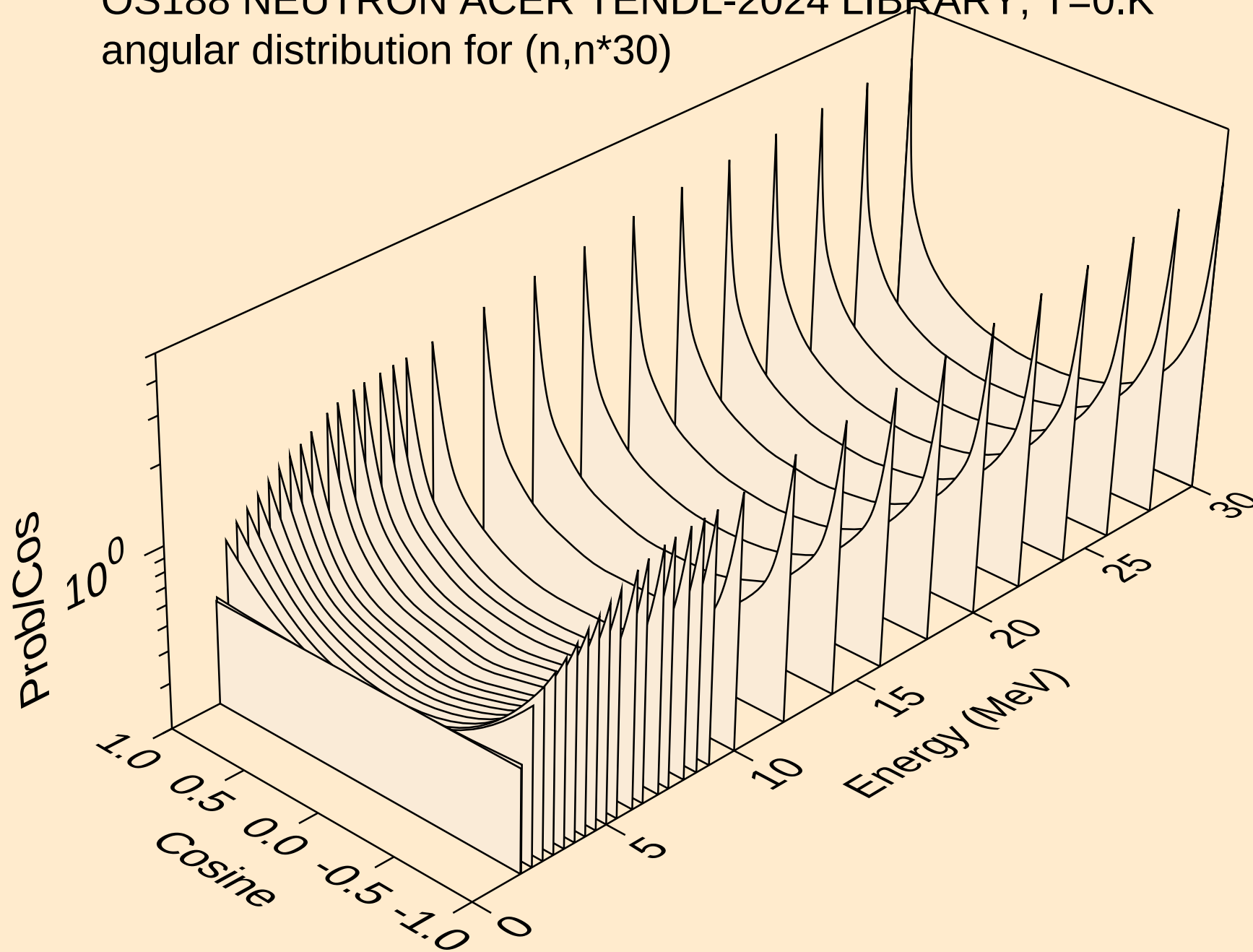
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



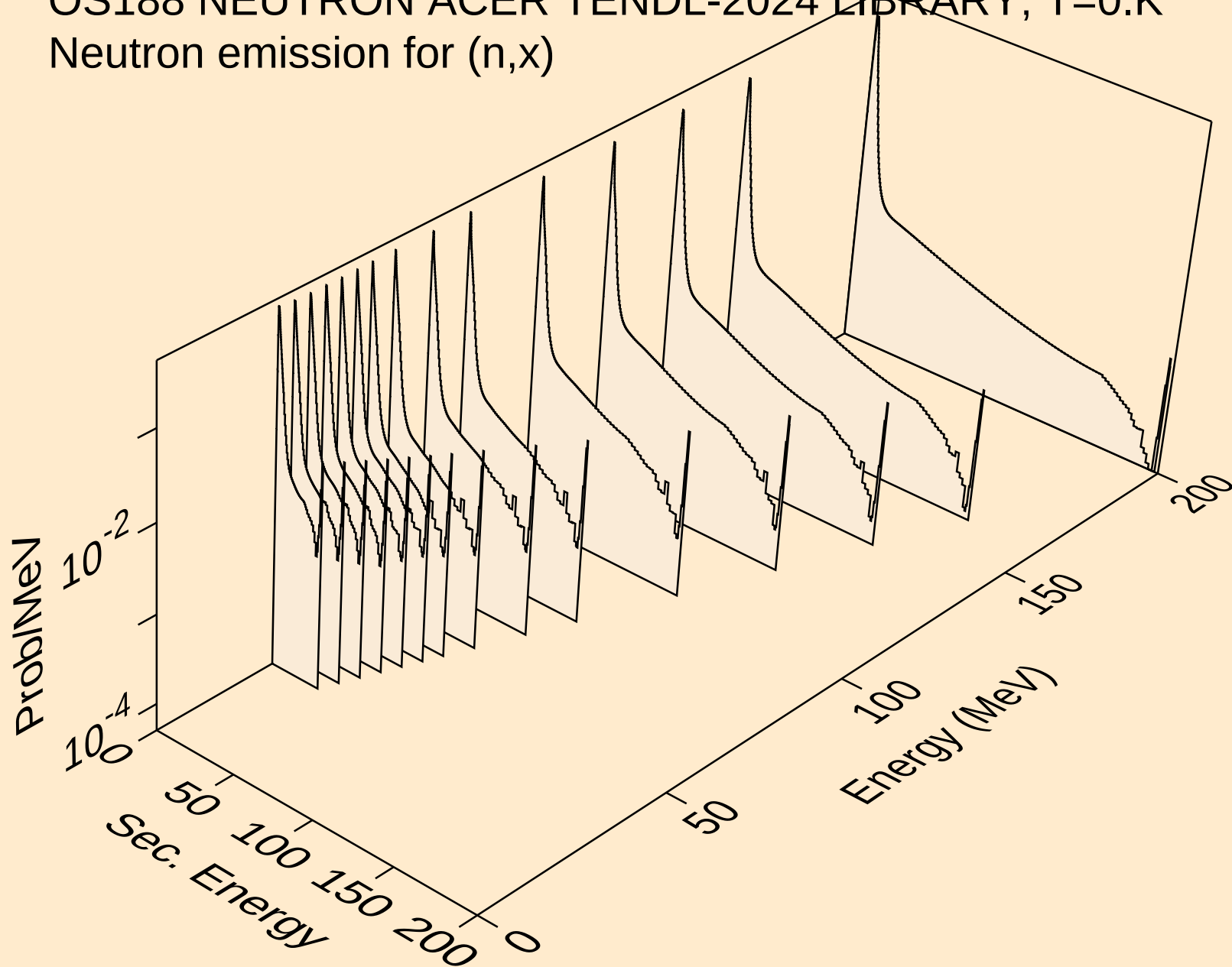
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



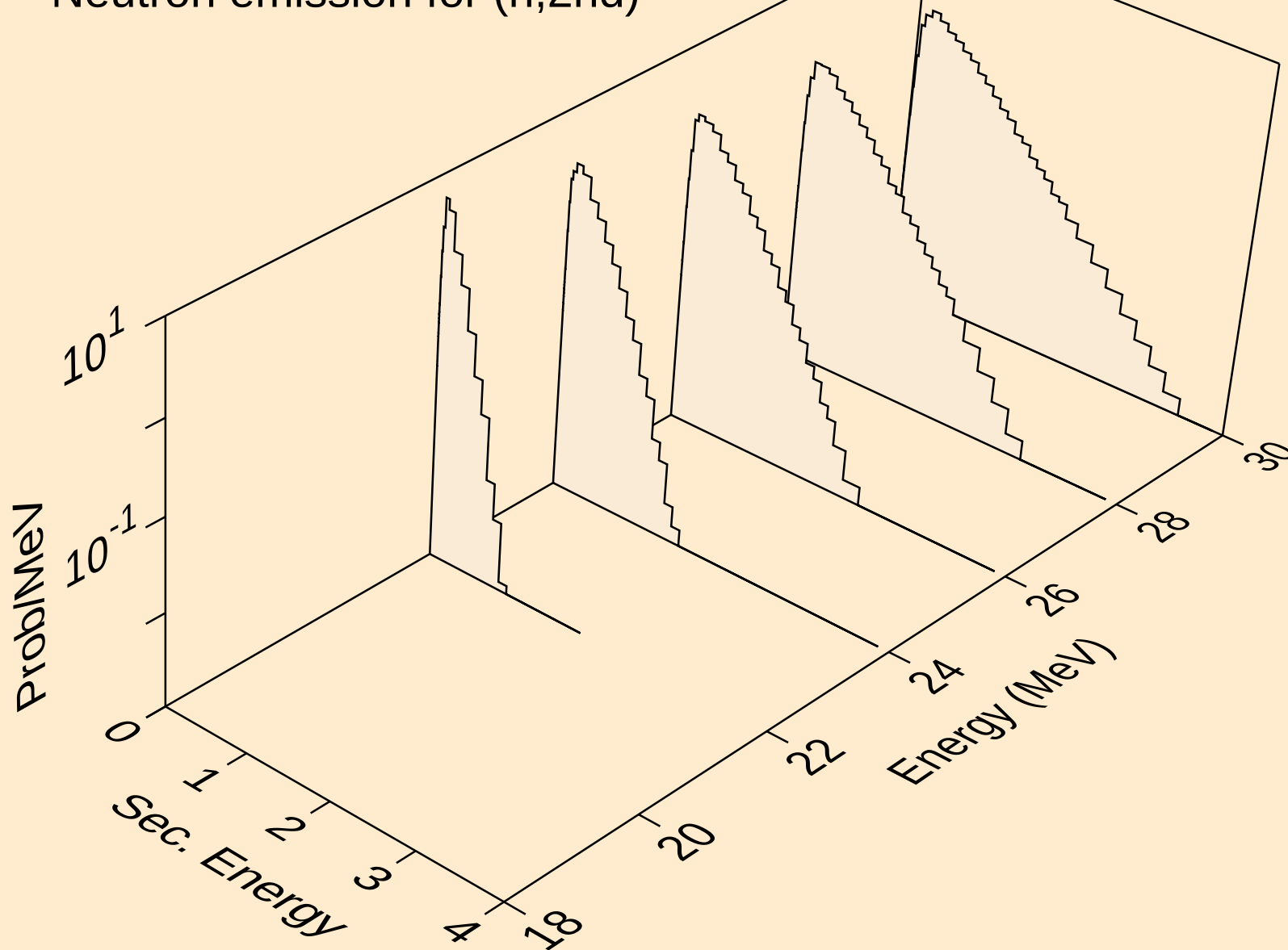
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



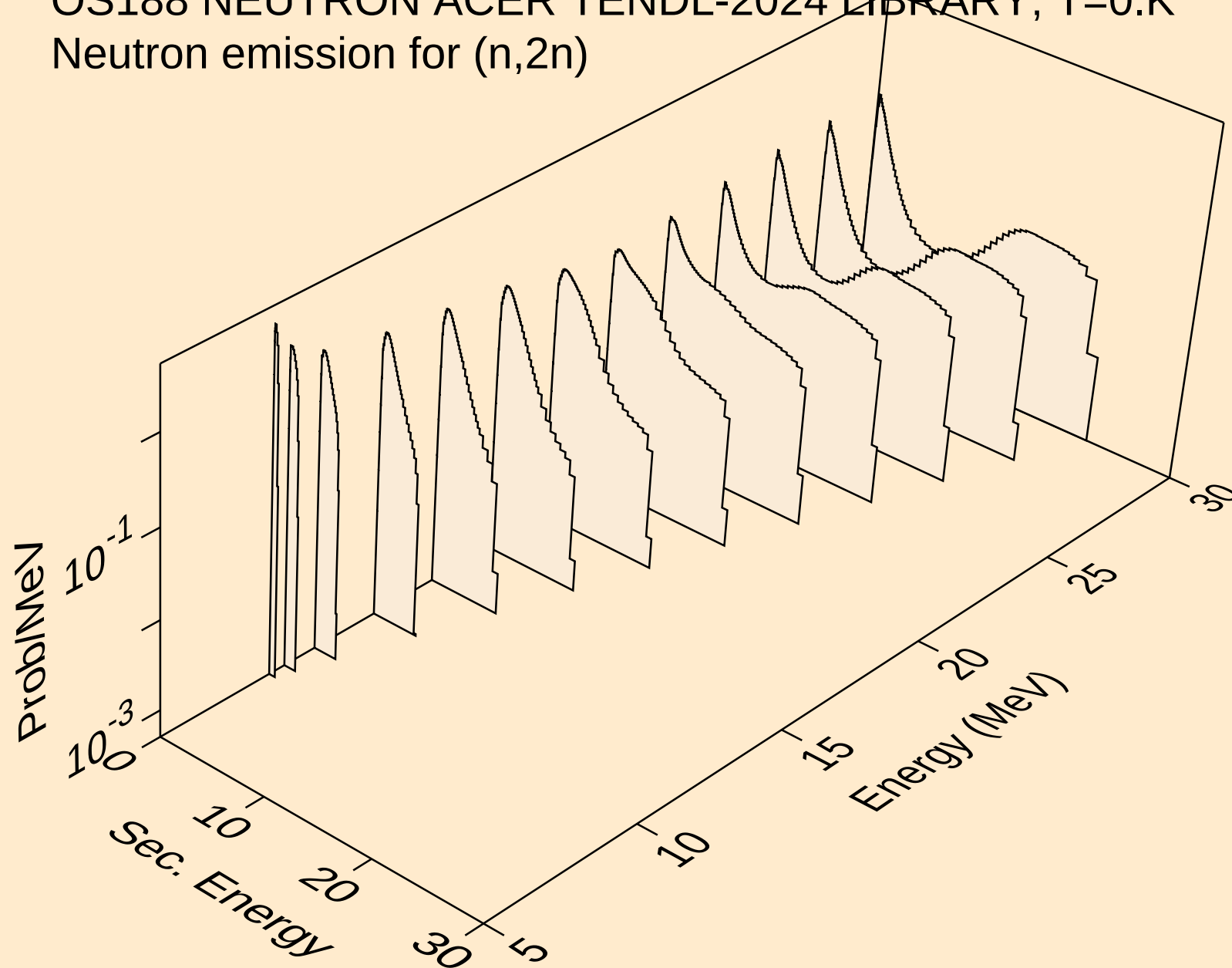
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



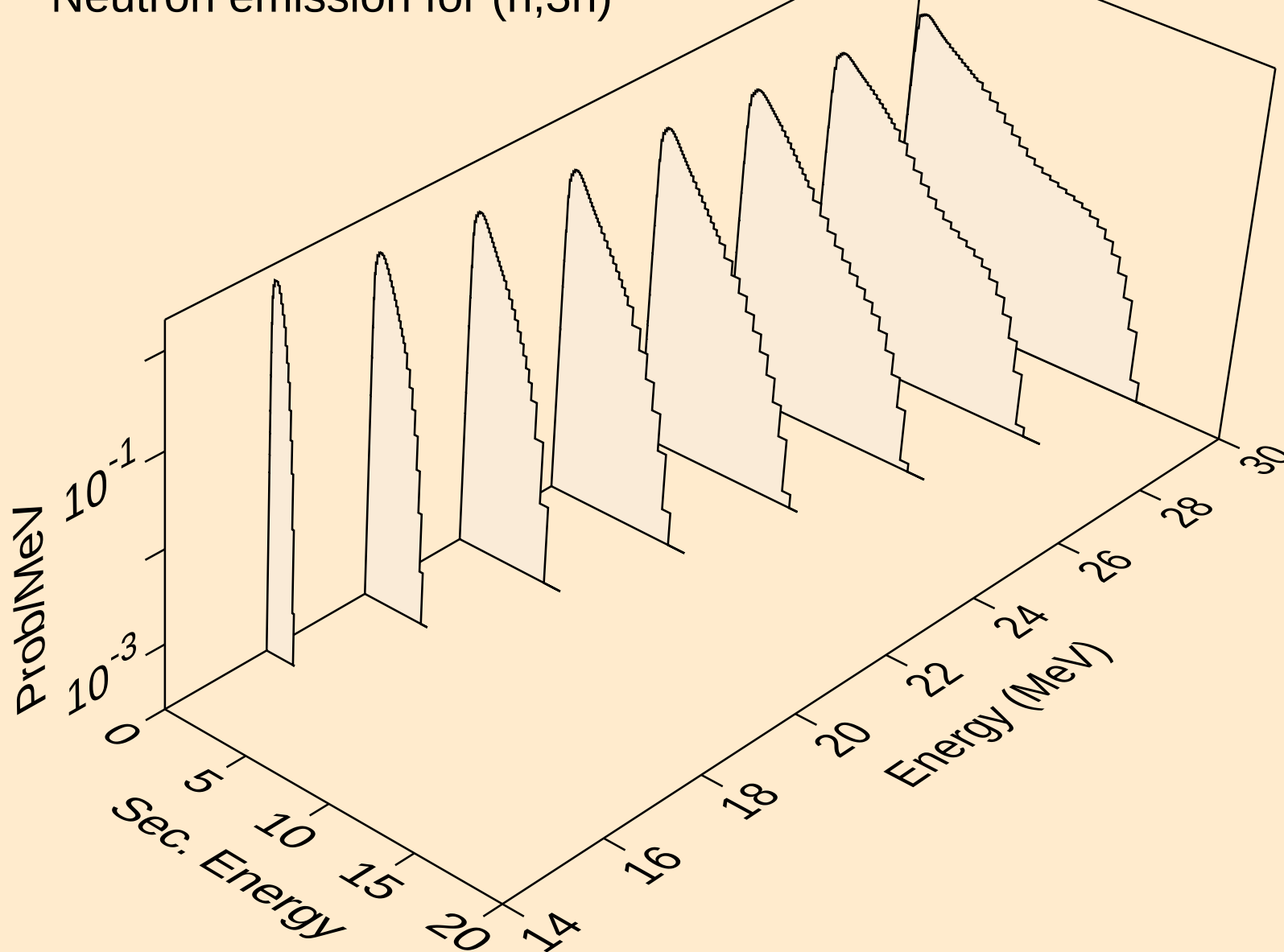
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



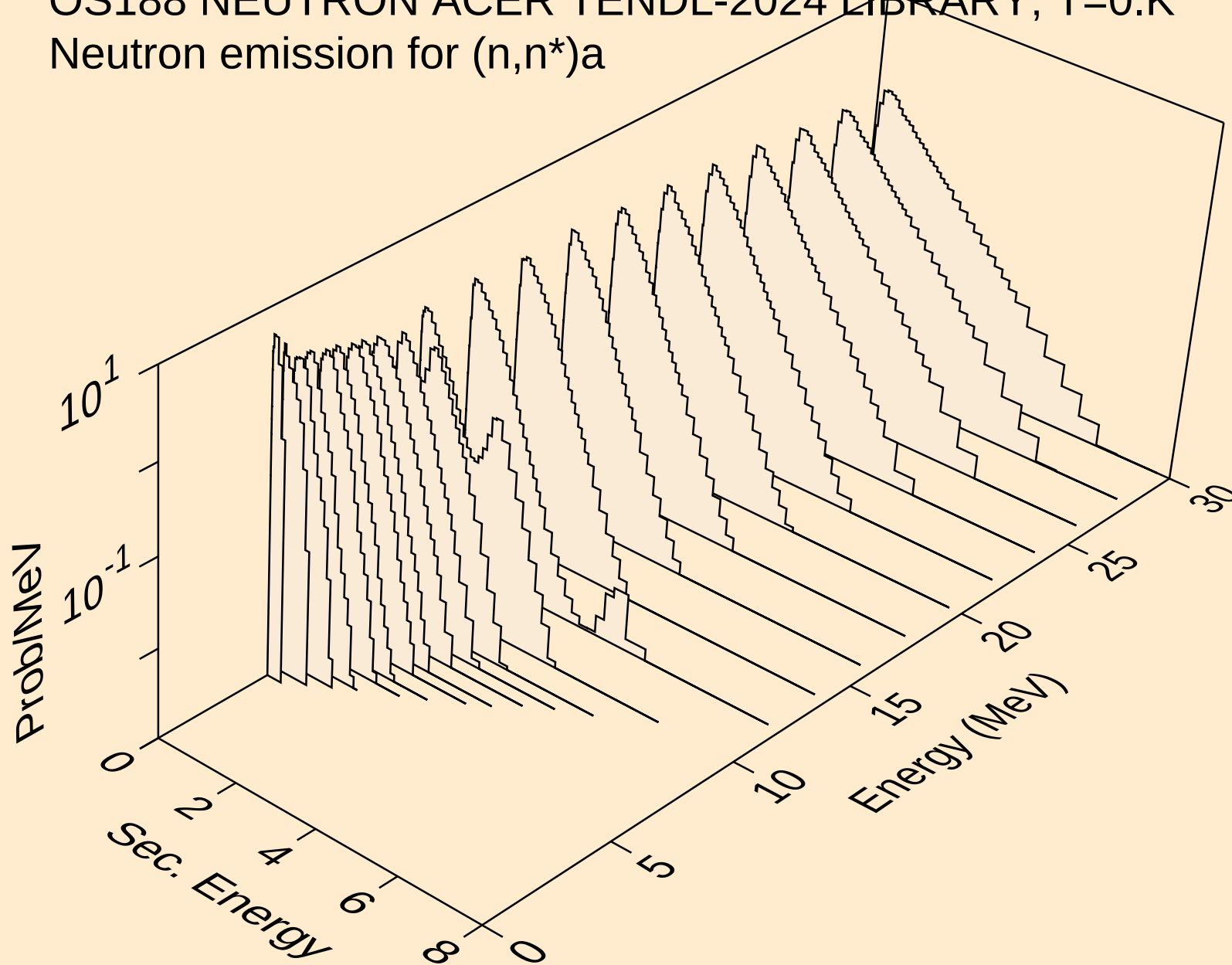
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



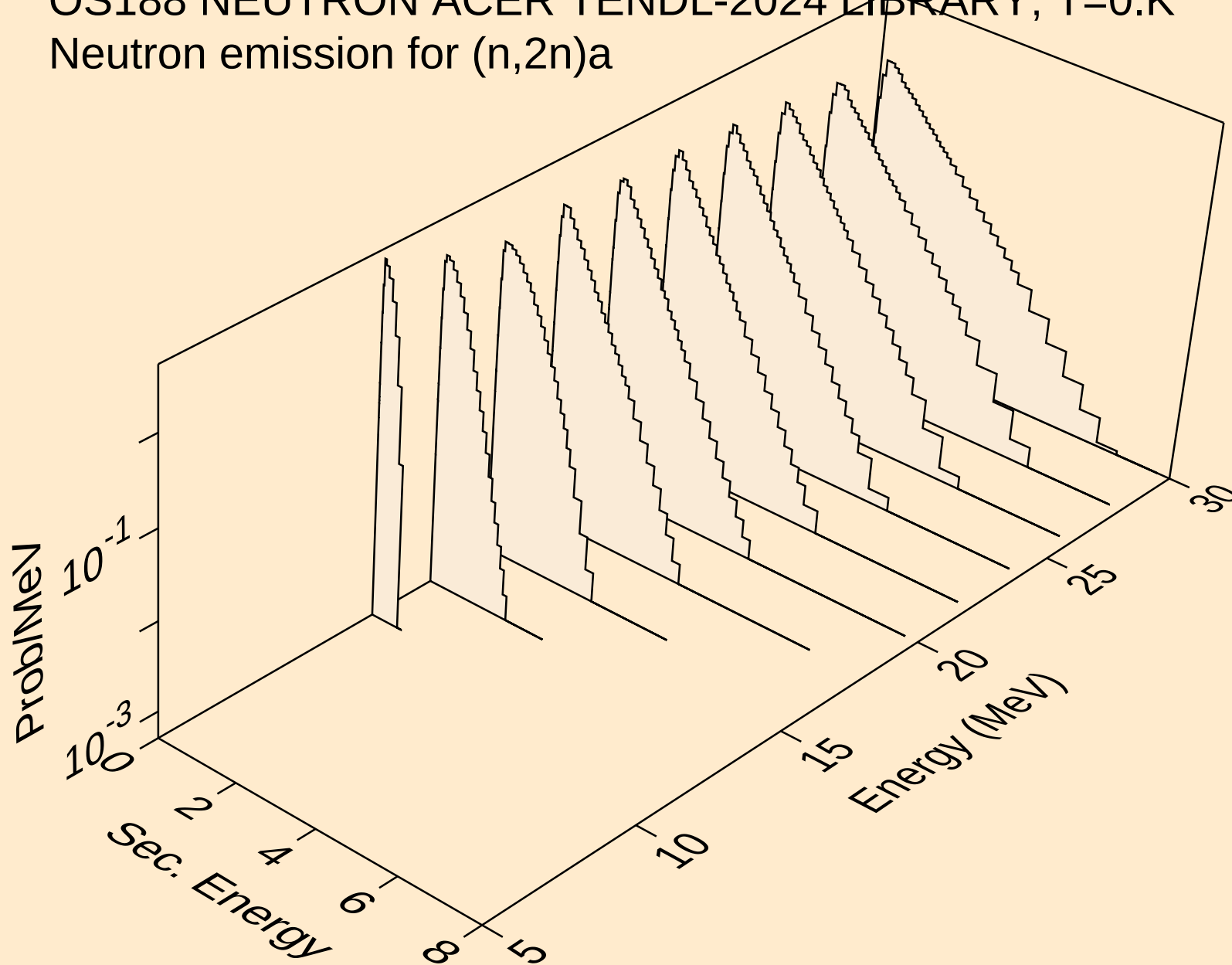
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



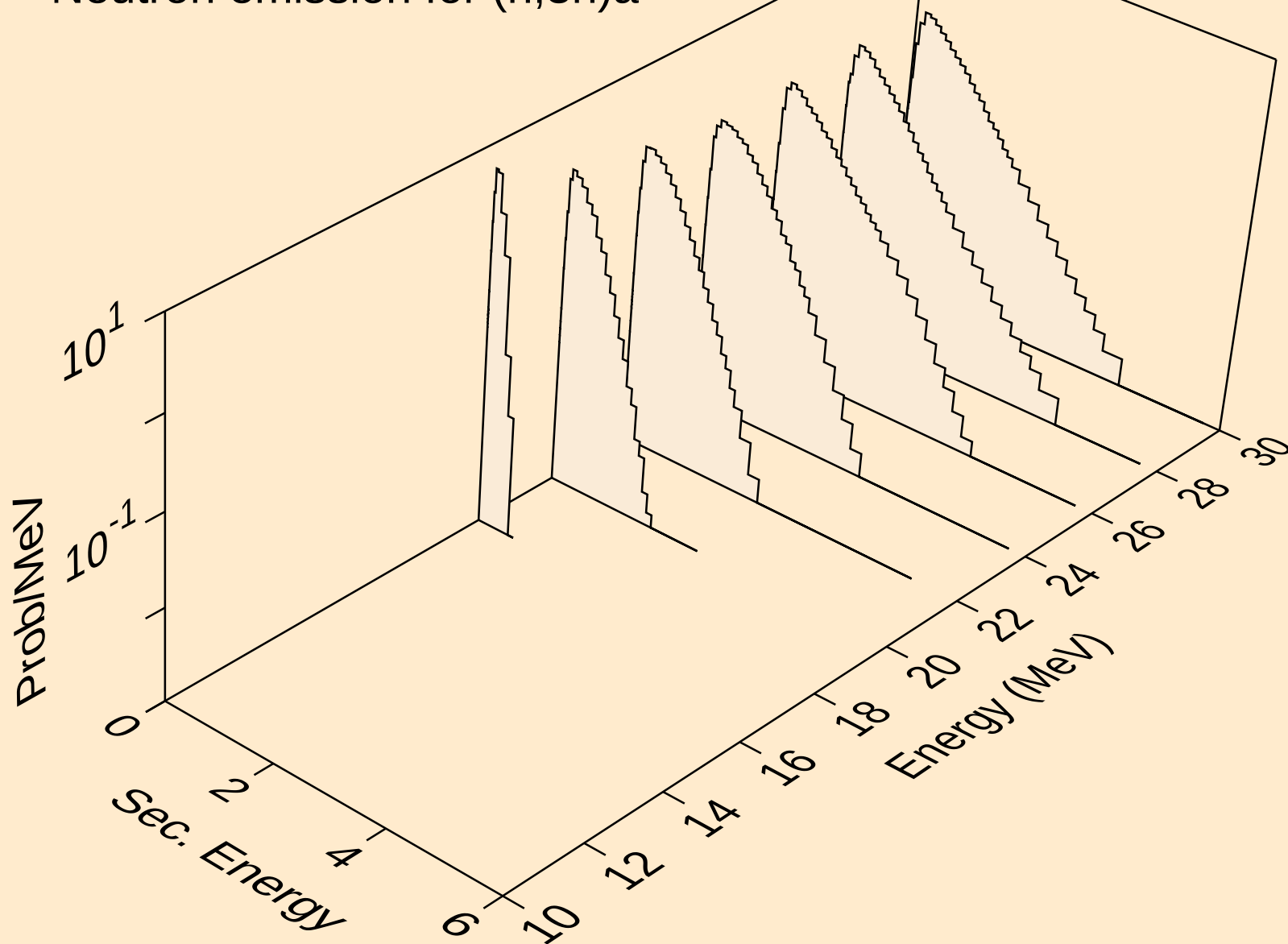
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



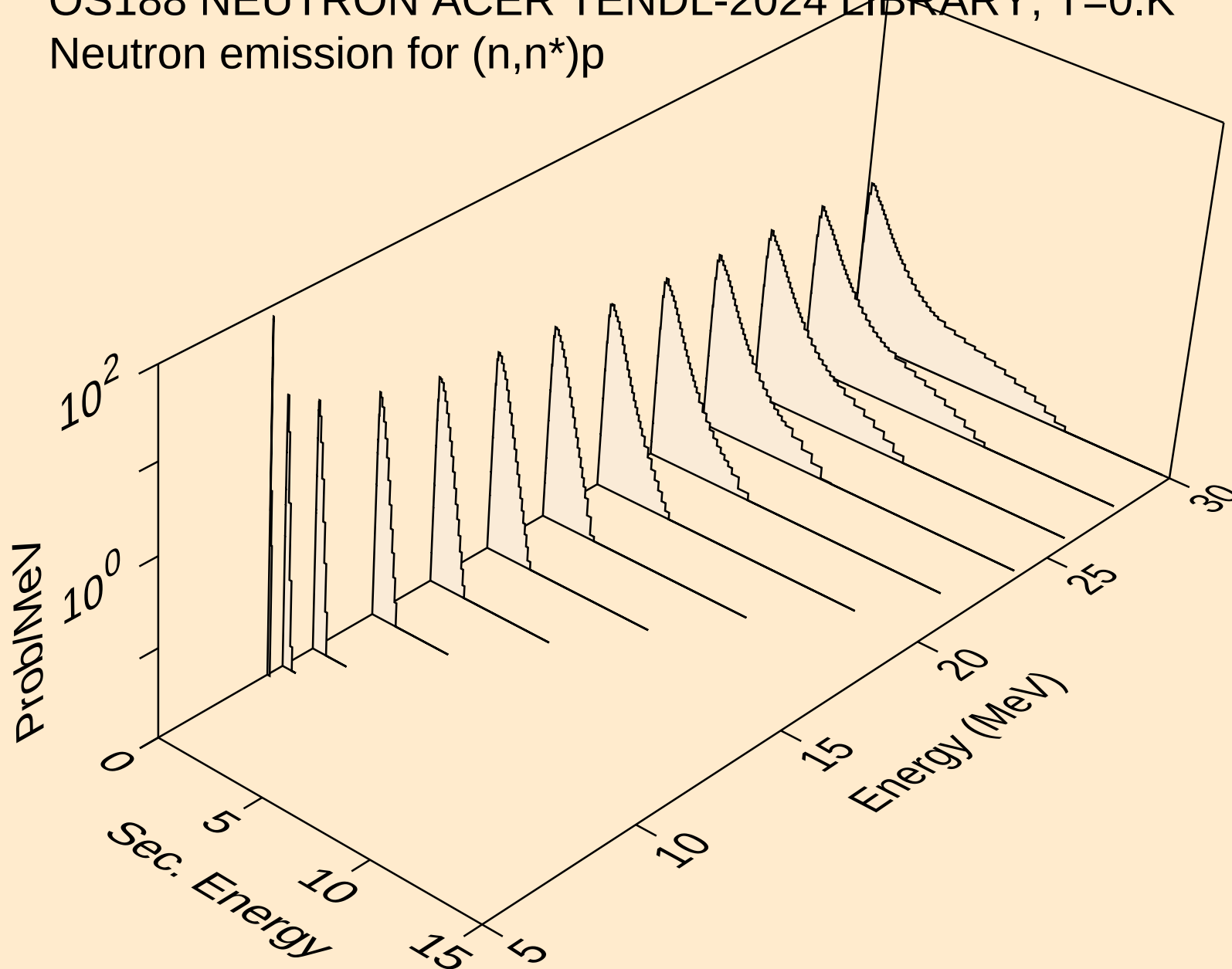
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



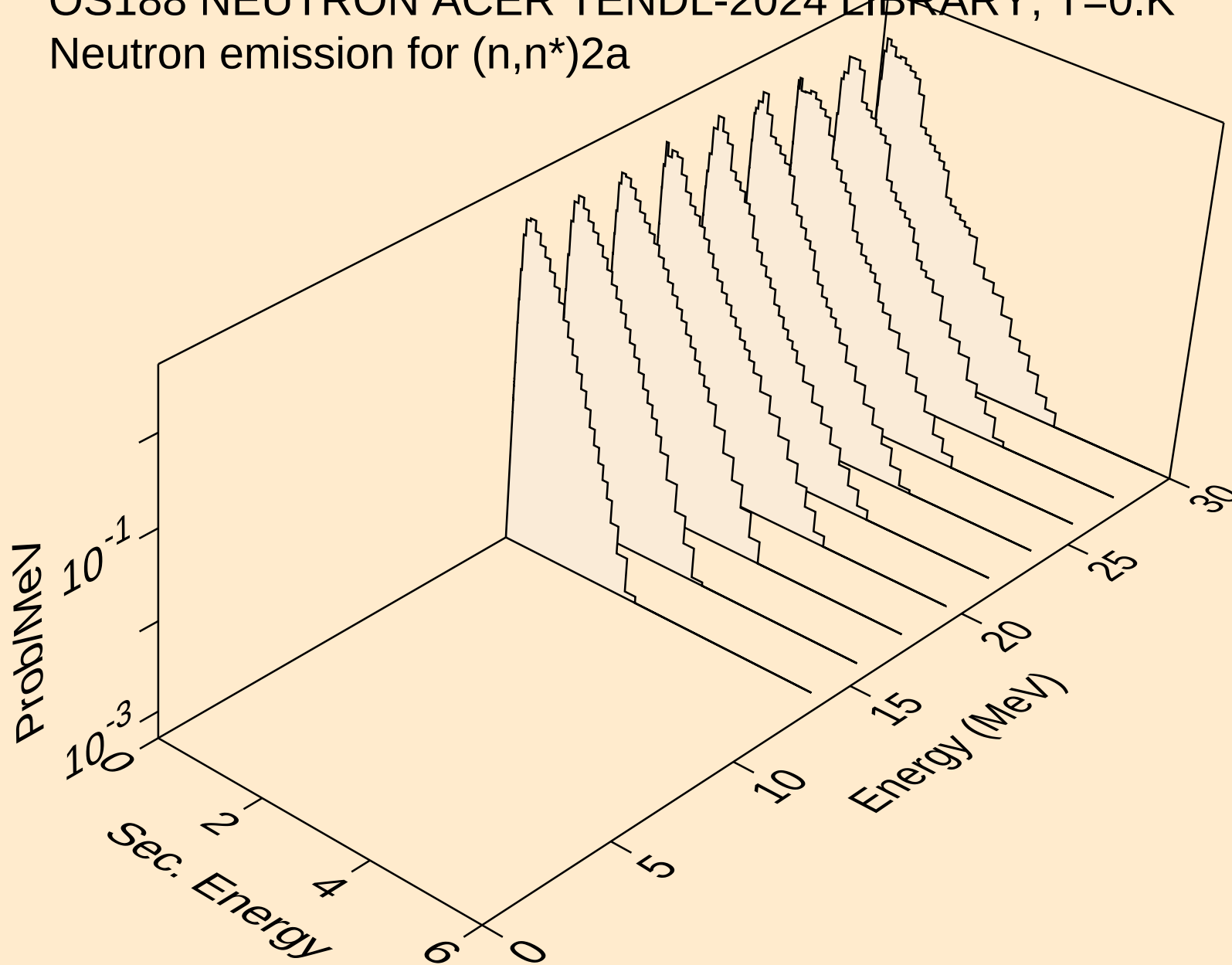
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



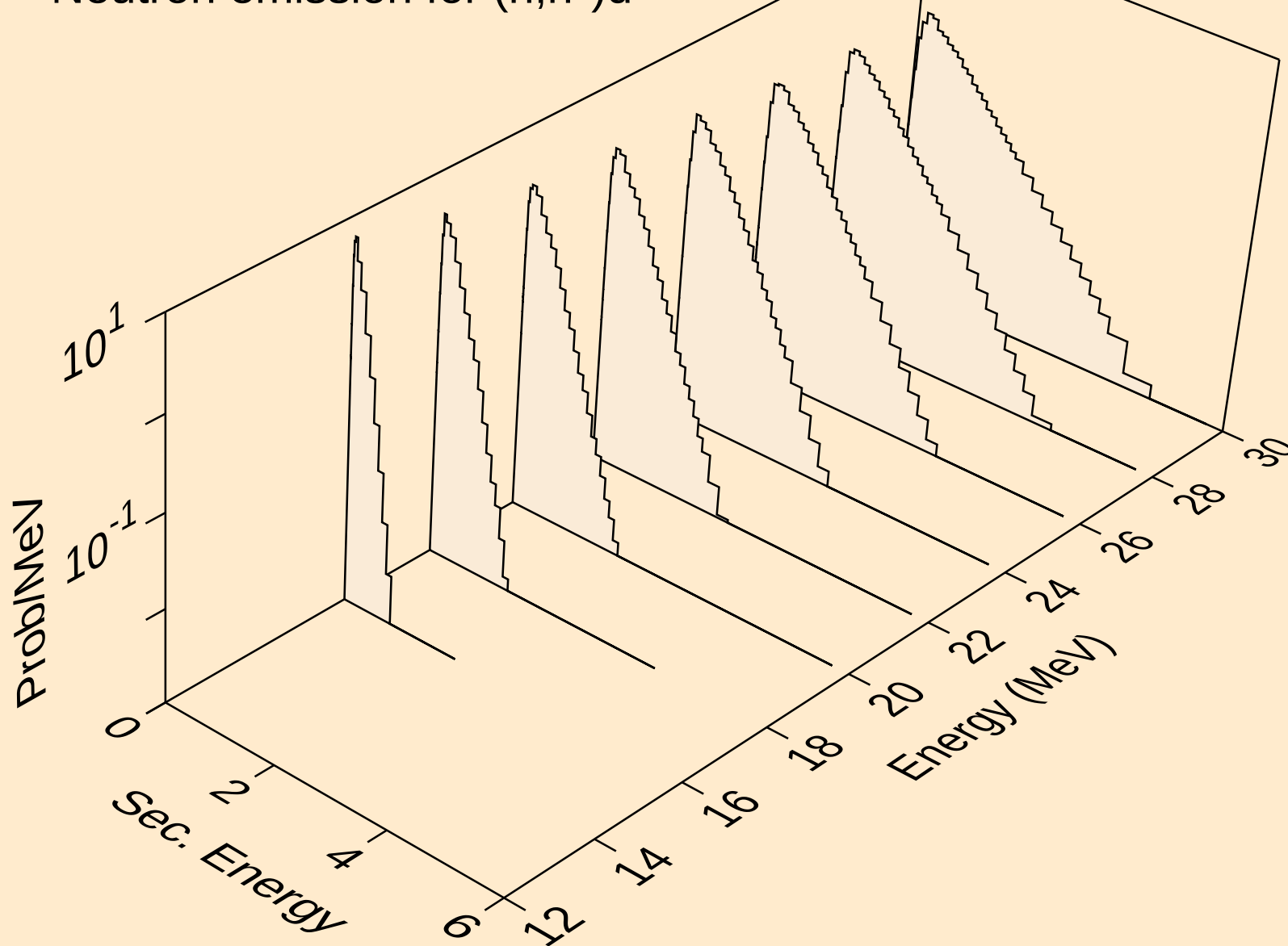
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



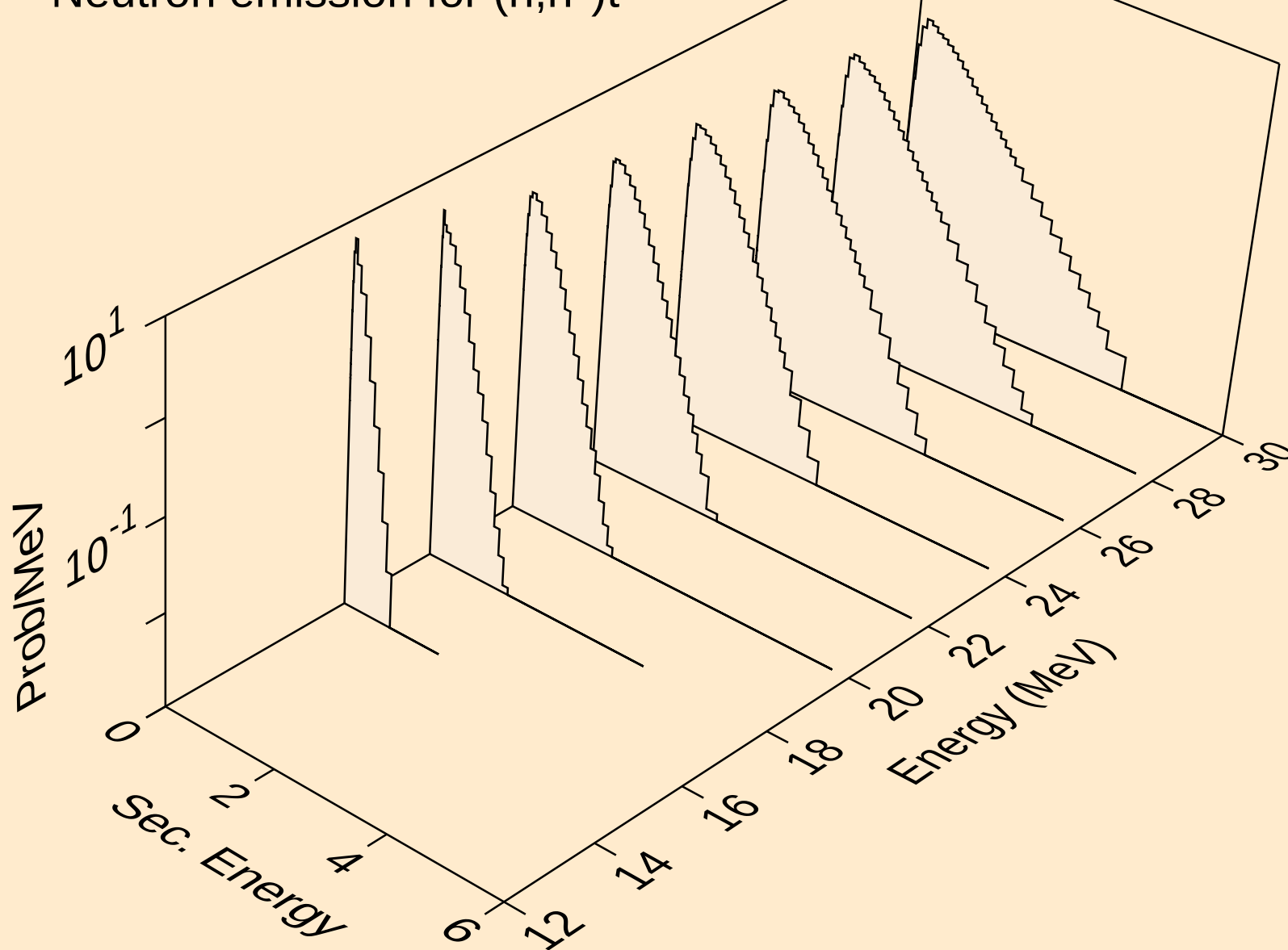
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



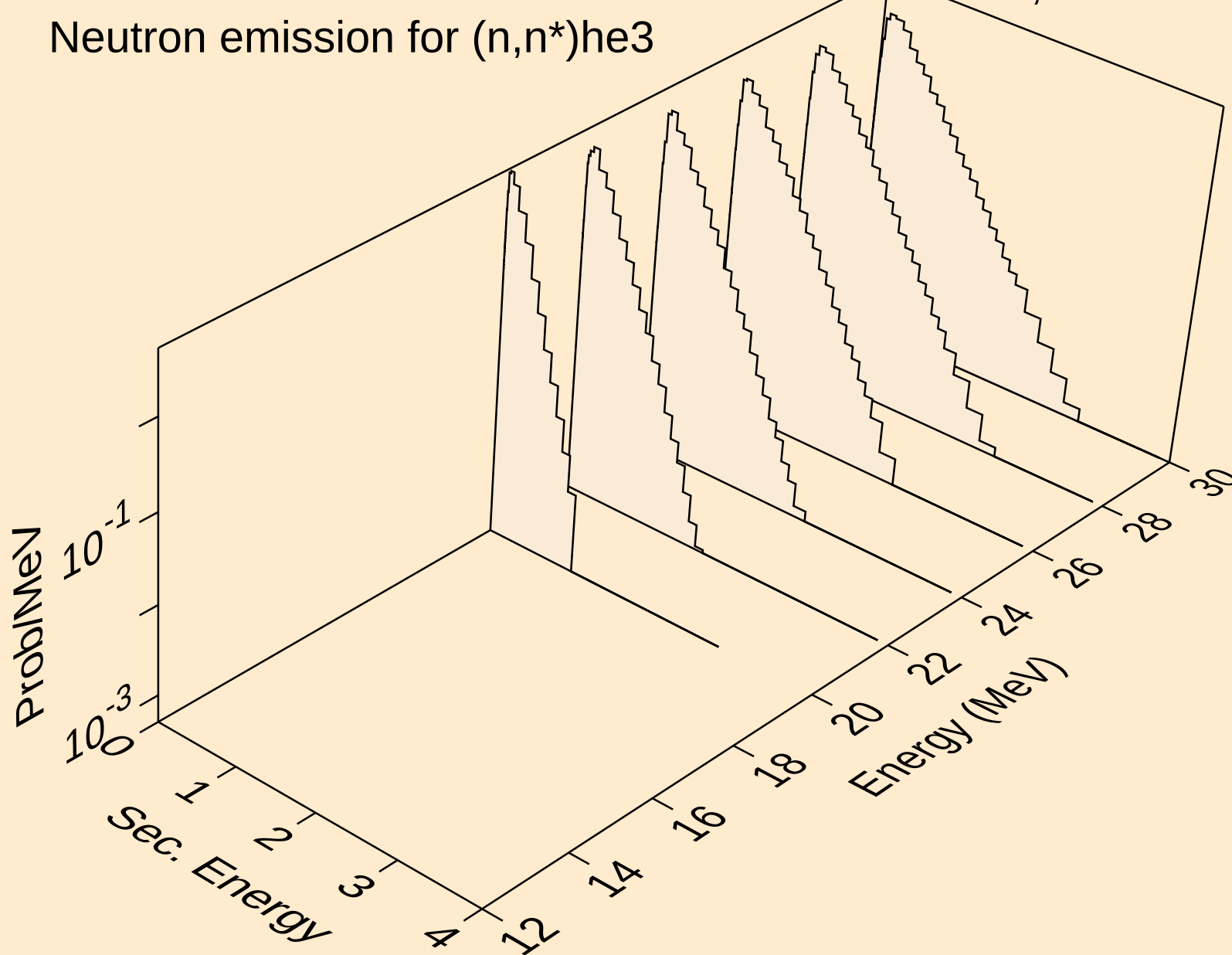
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



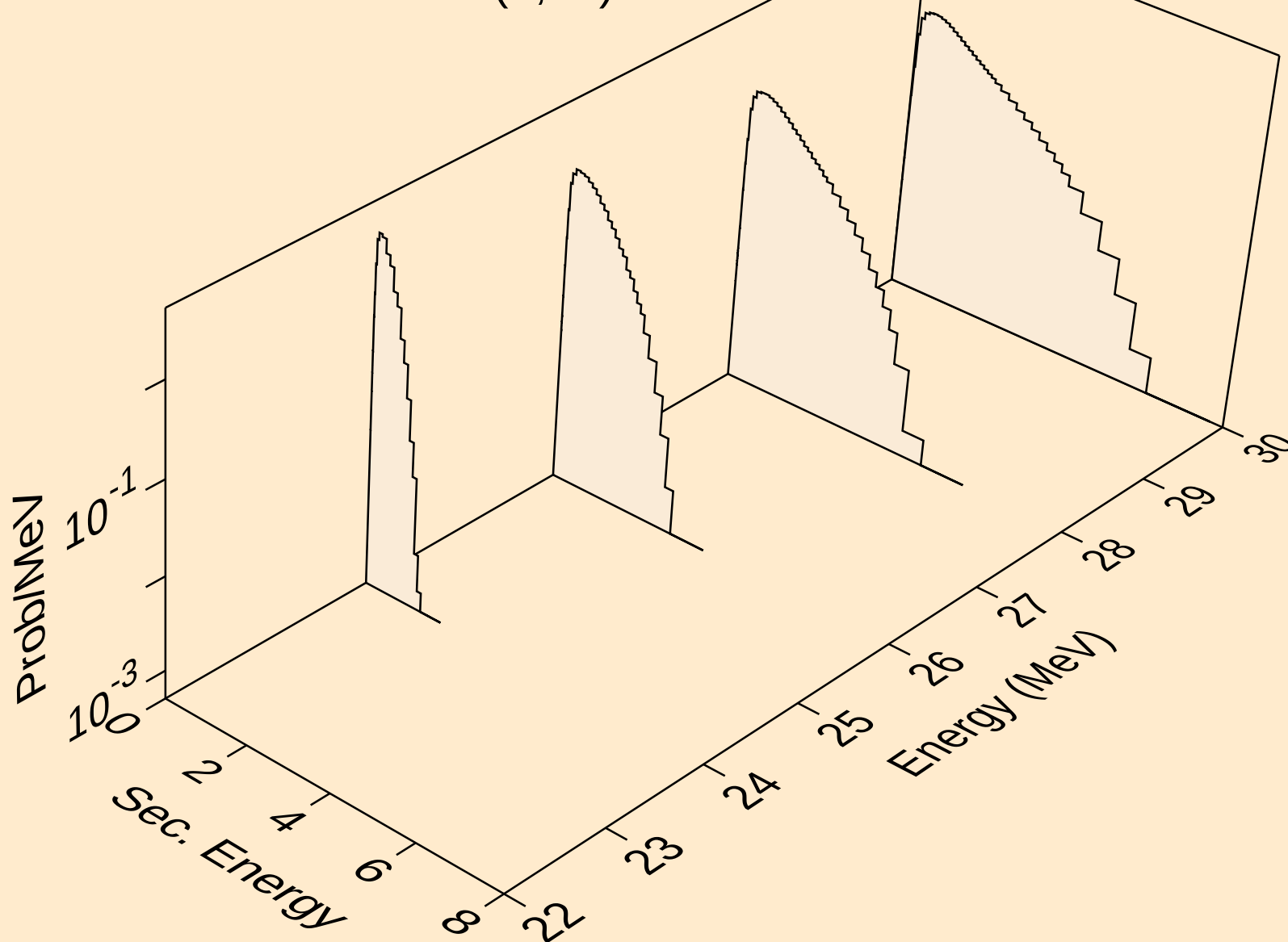
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



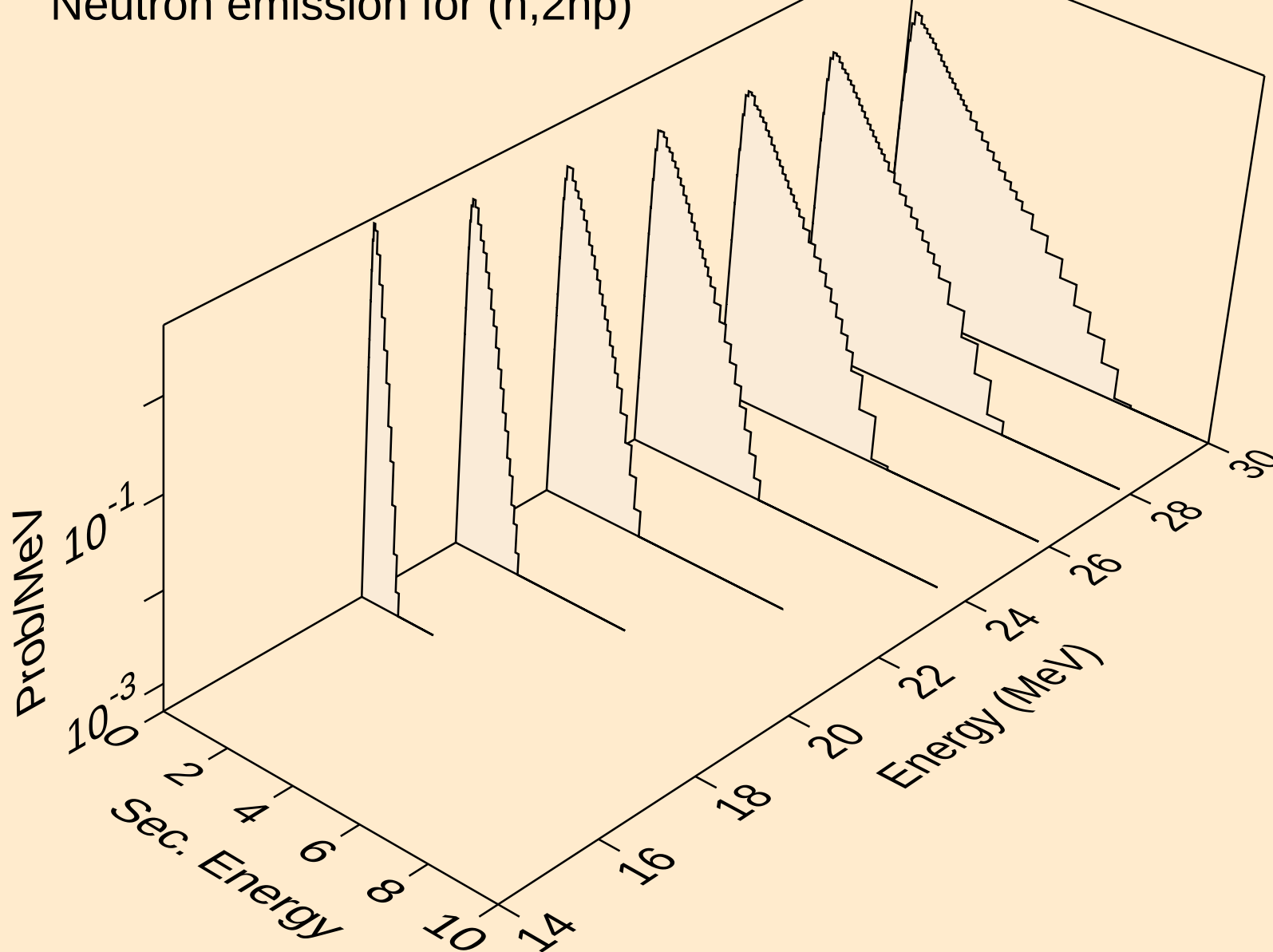
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



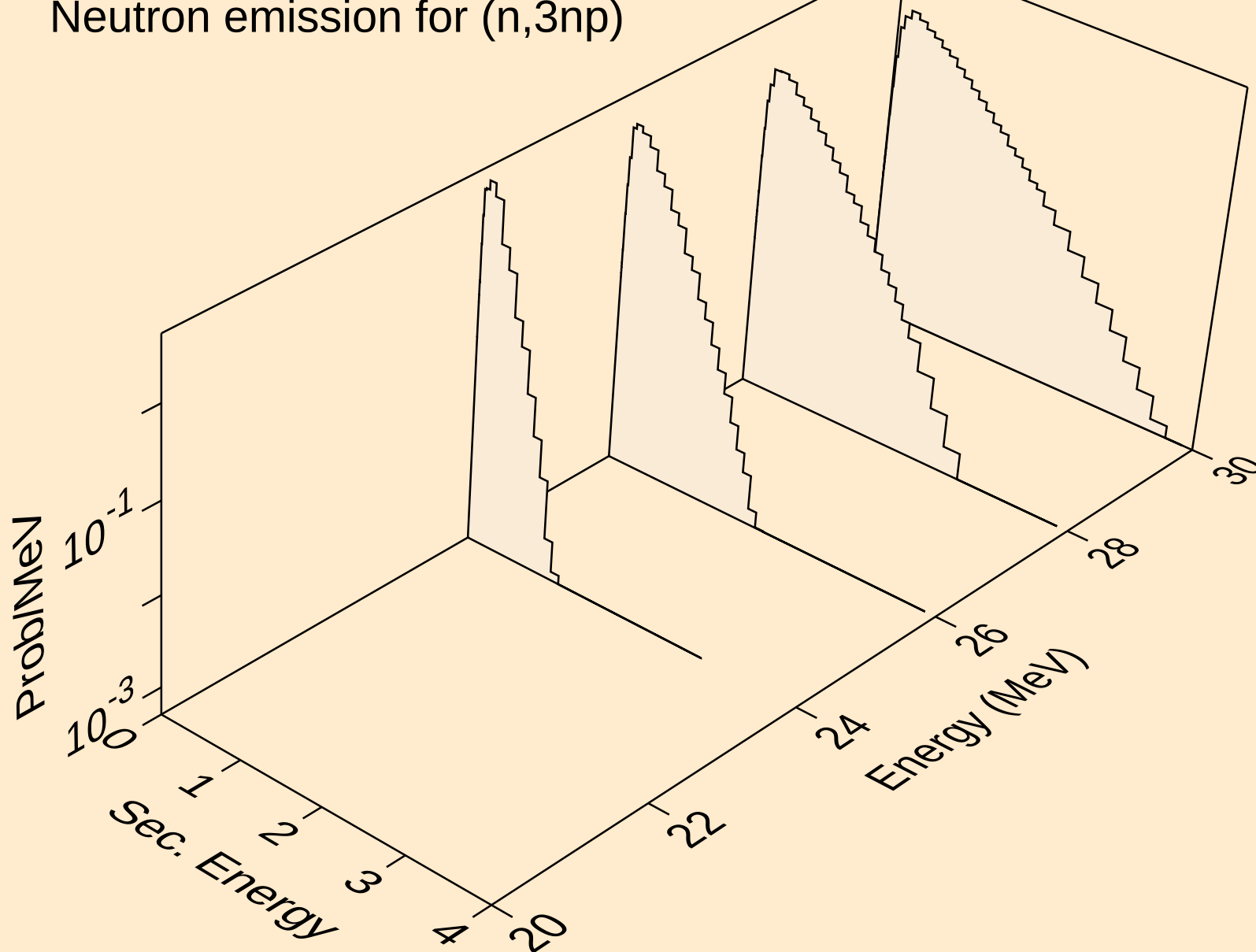
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



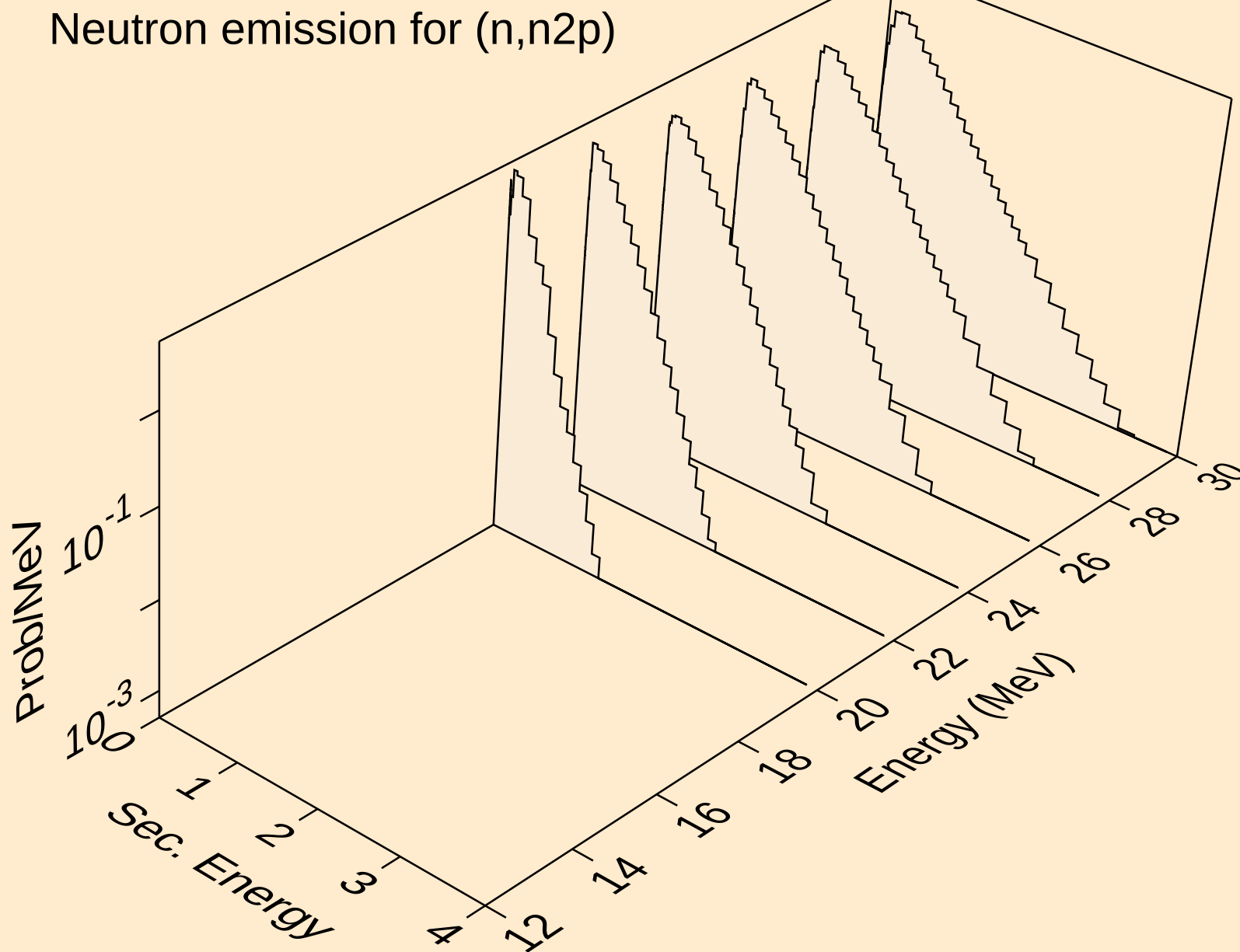
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



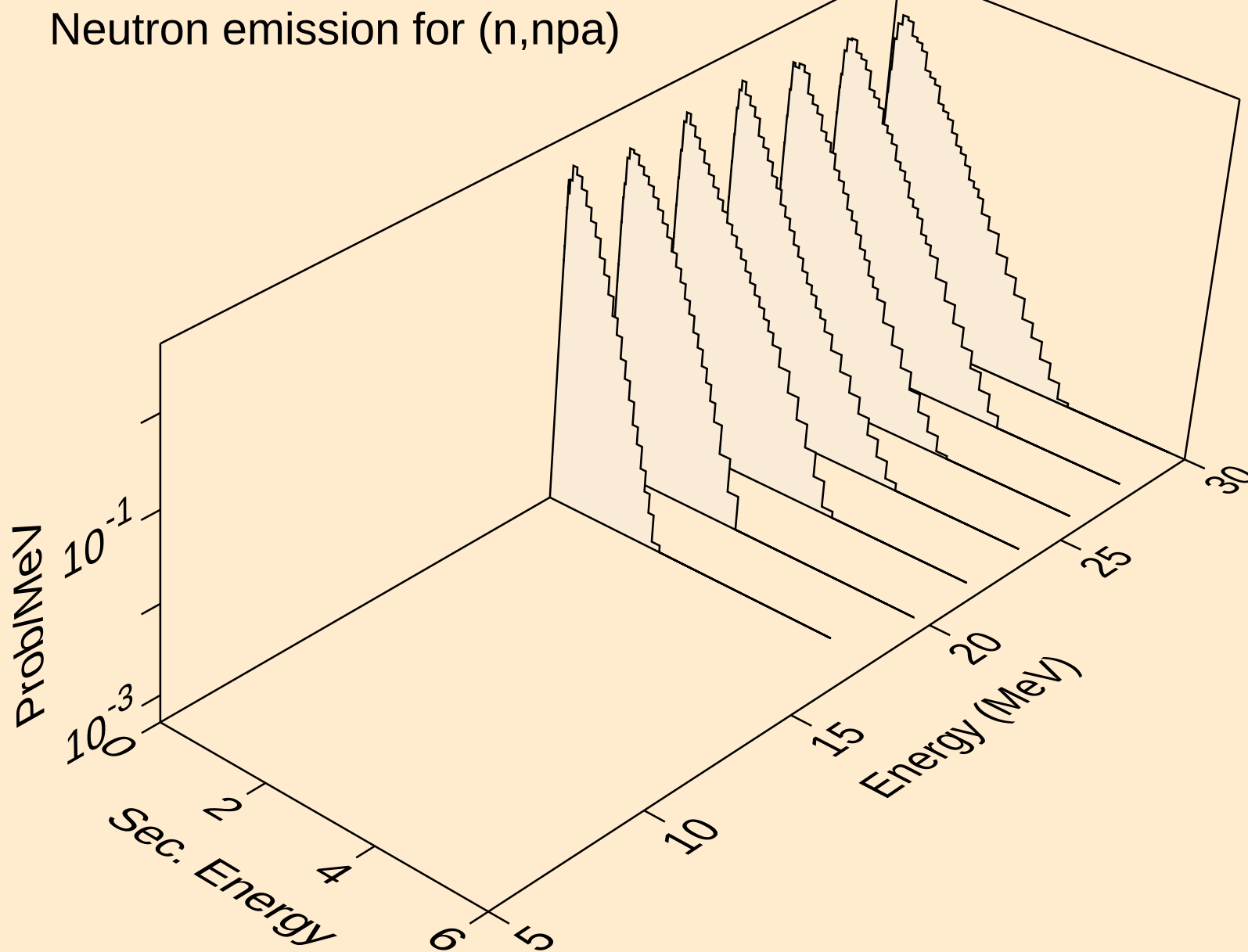
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



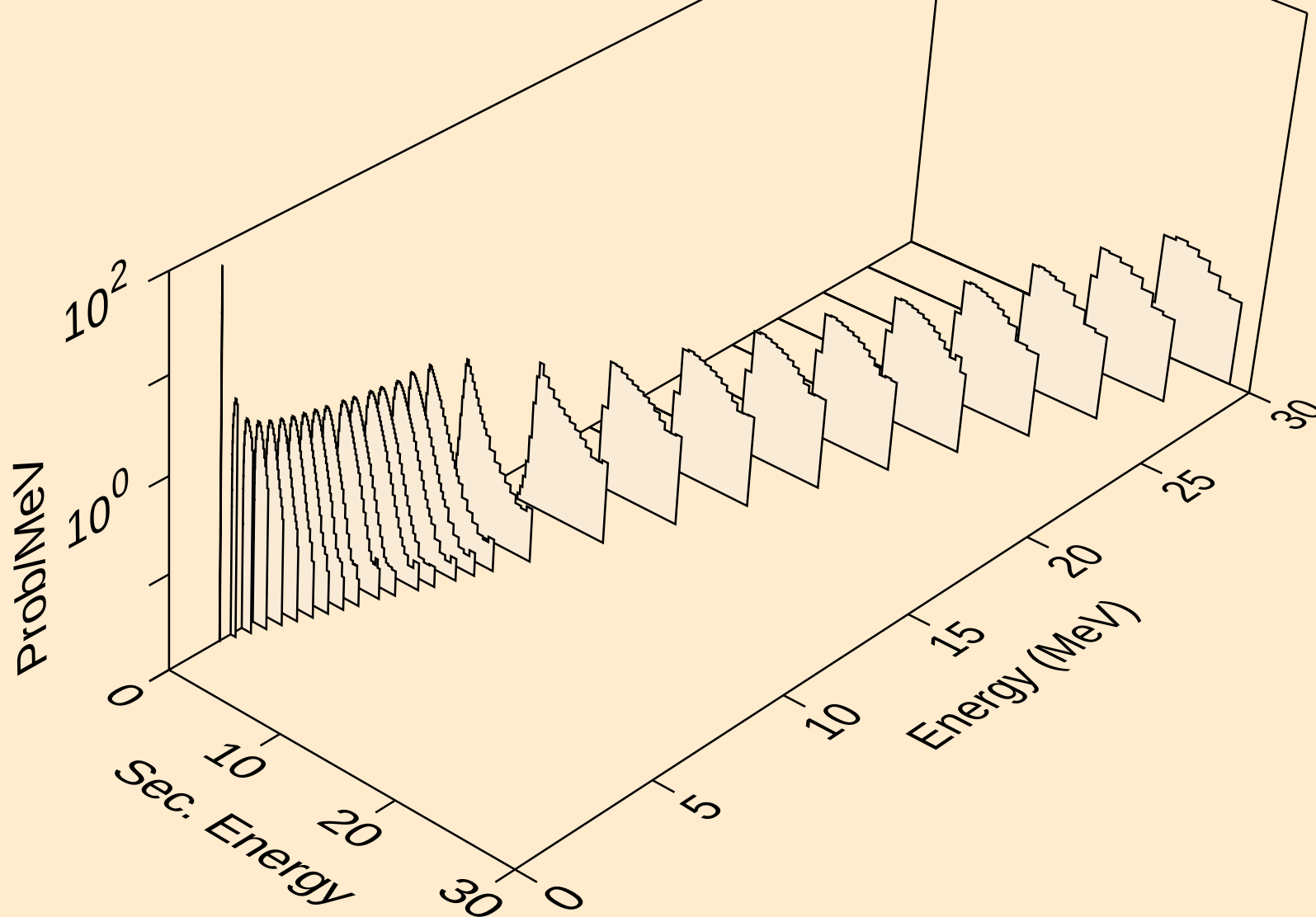
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



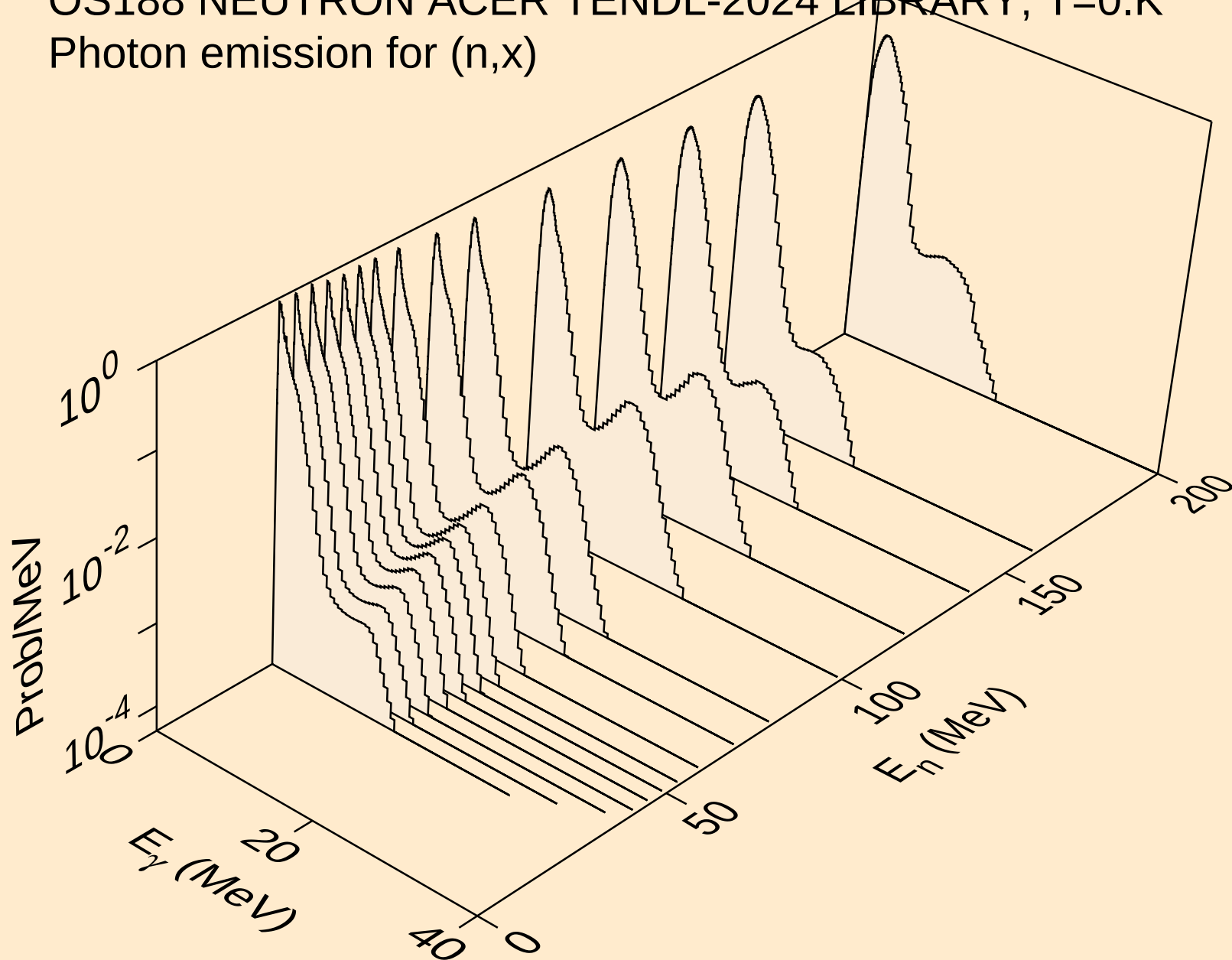
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



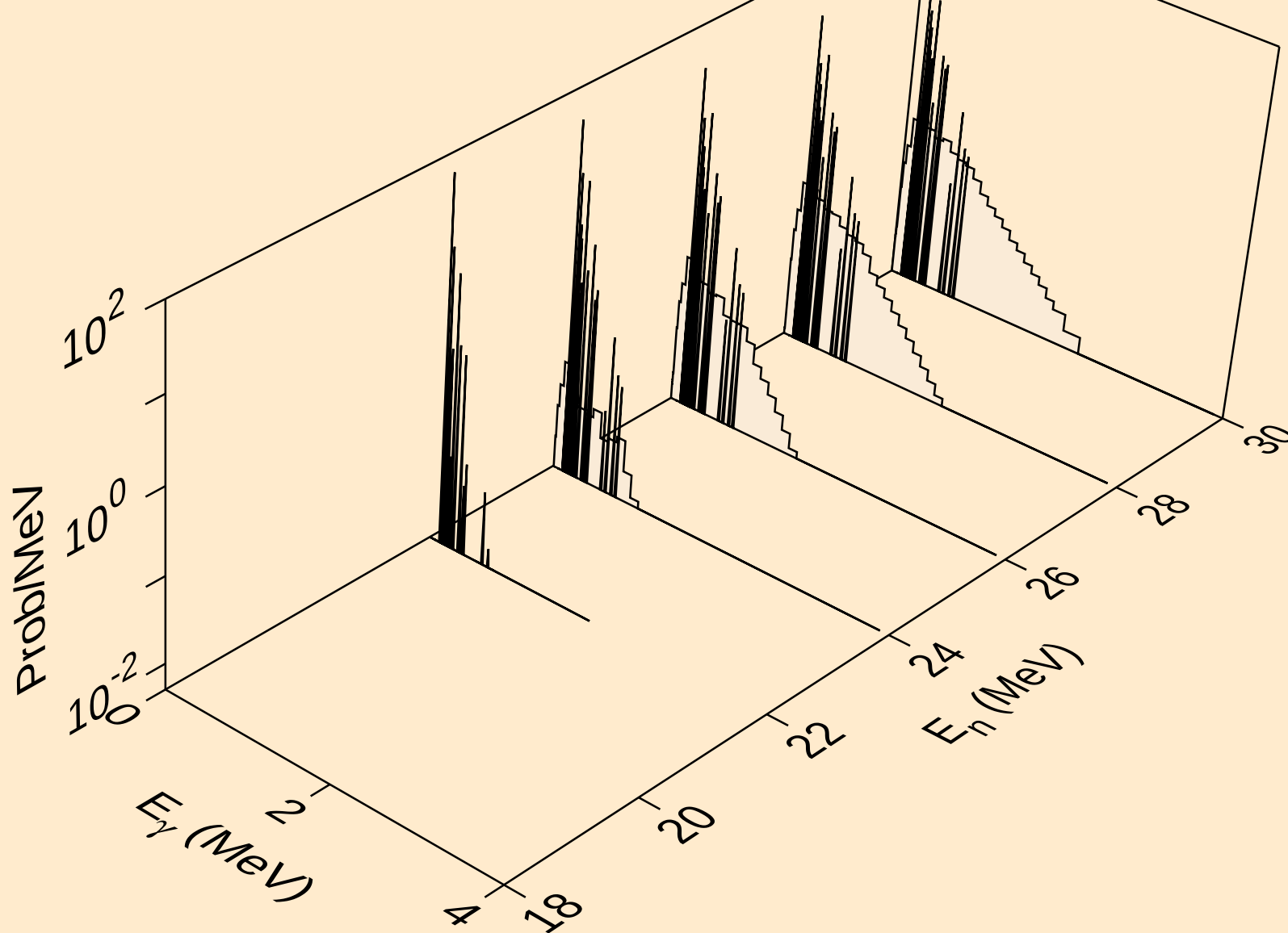
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



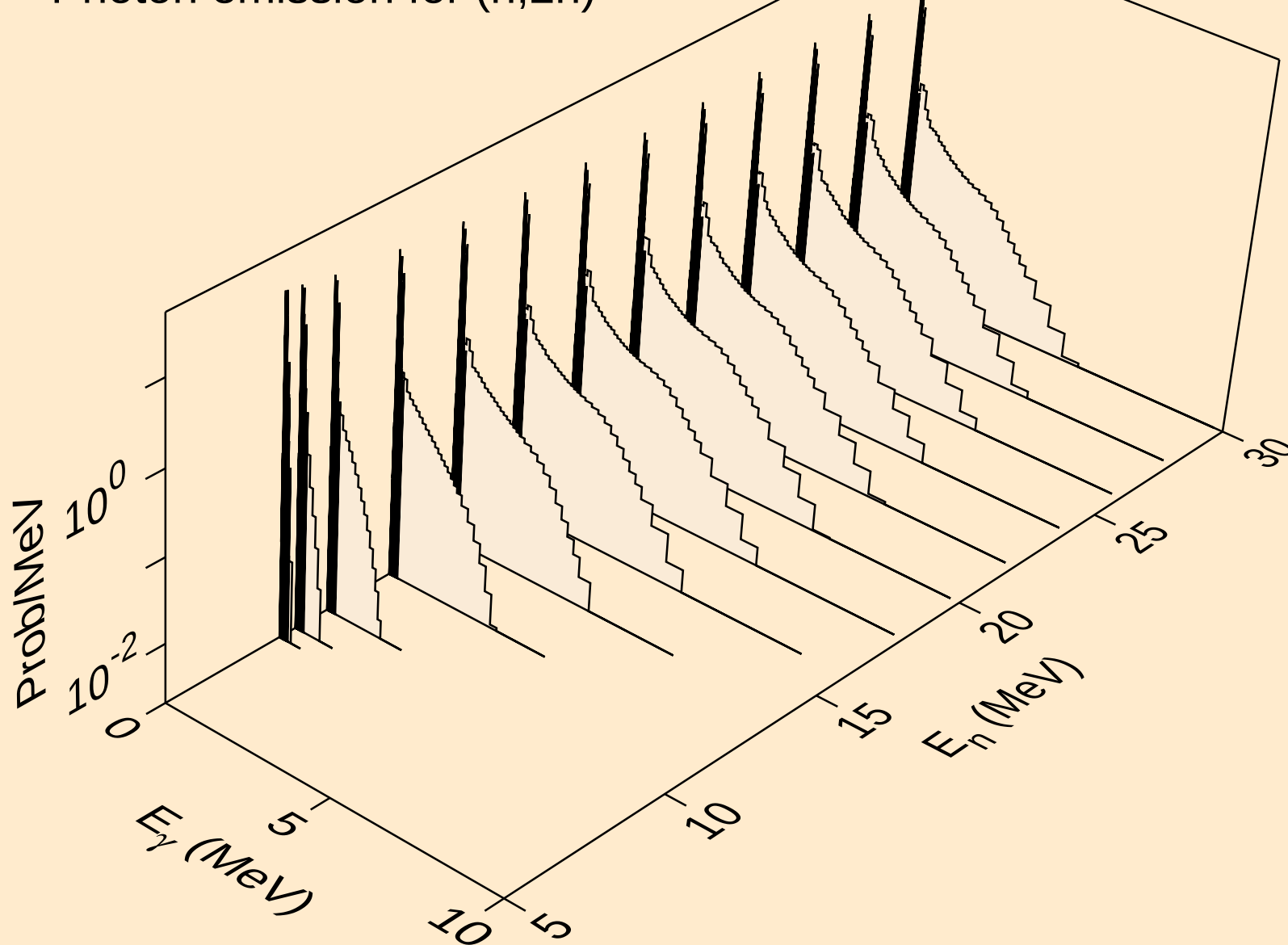
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



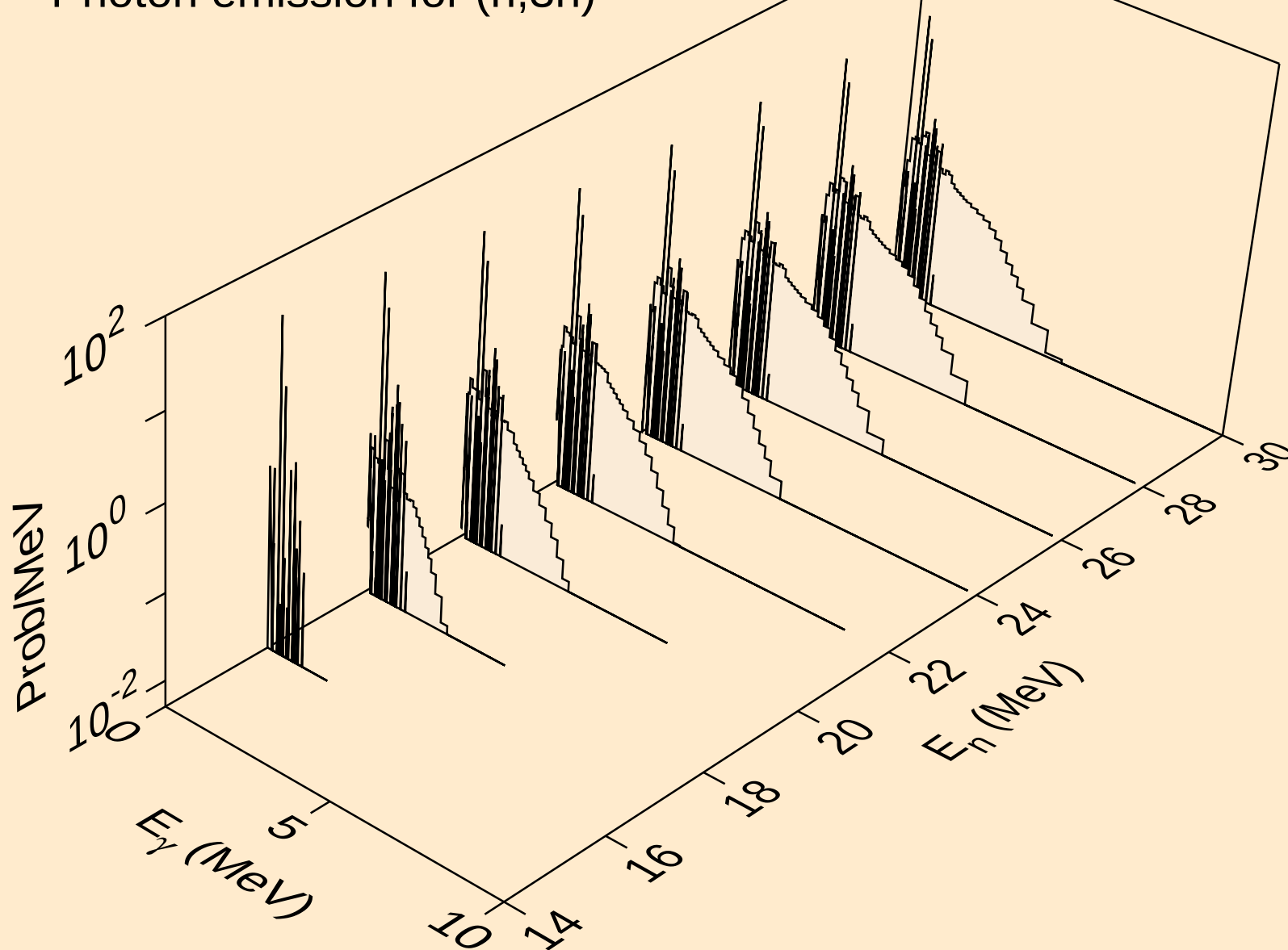
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



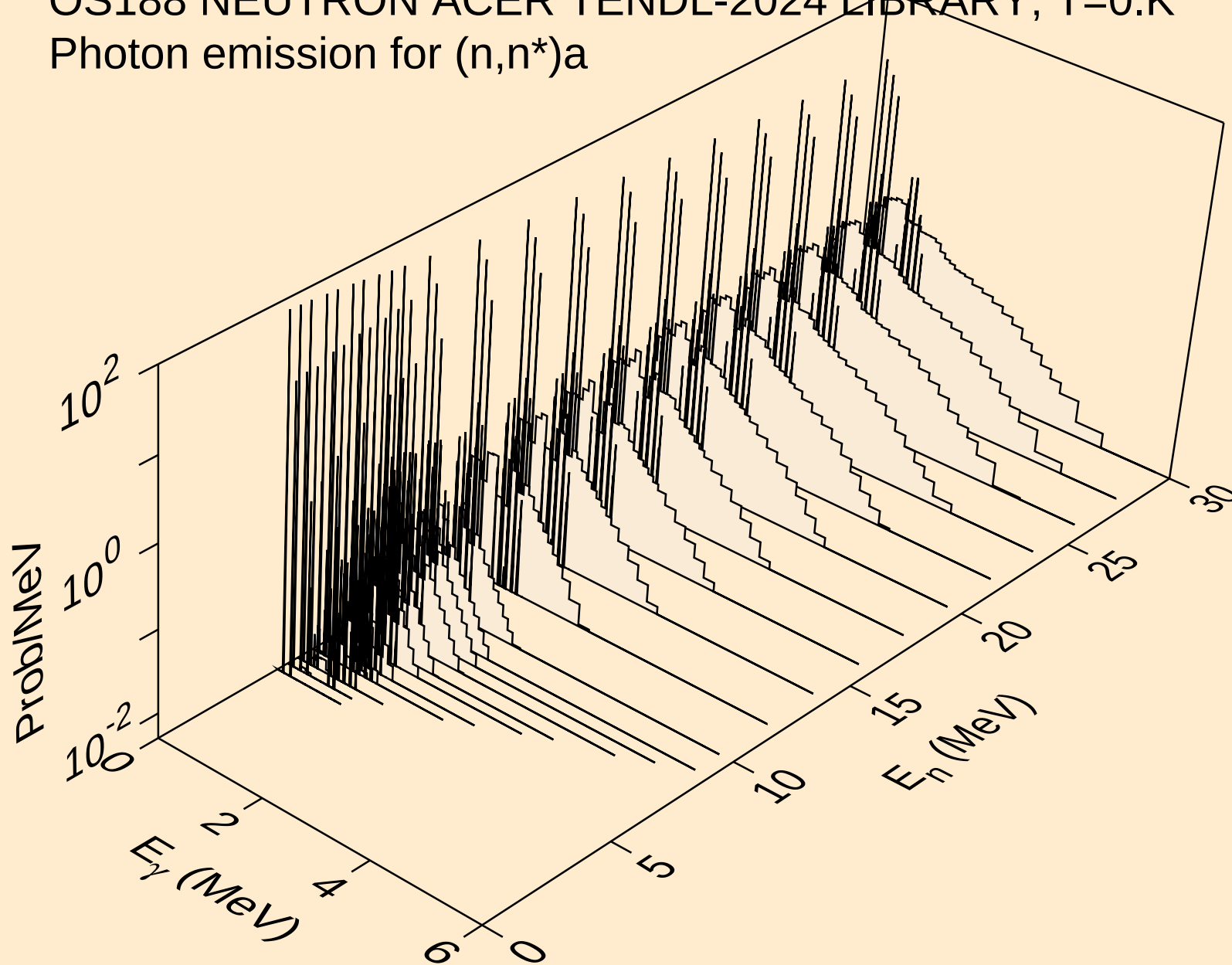
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Photon emission for (n,2n)



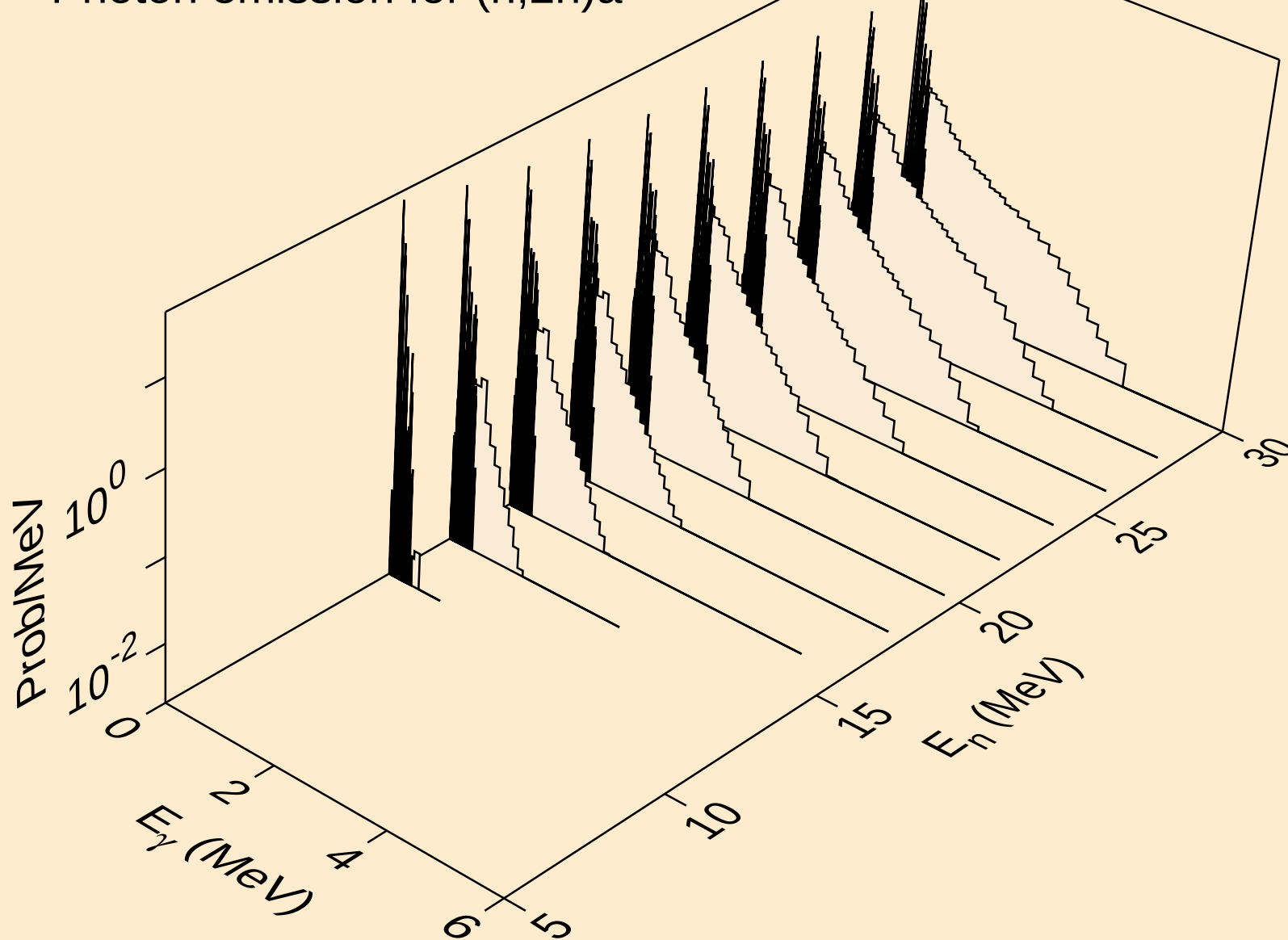
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



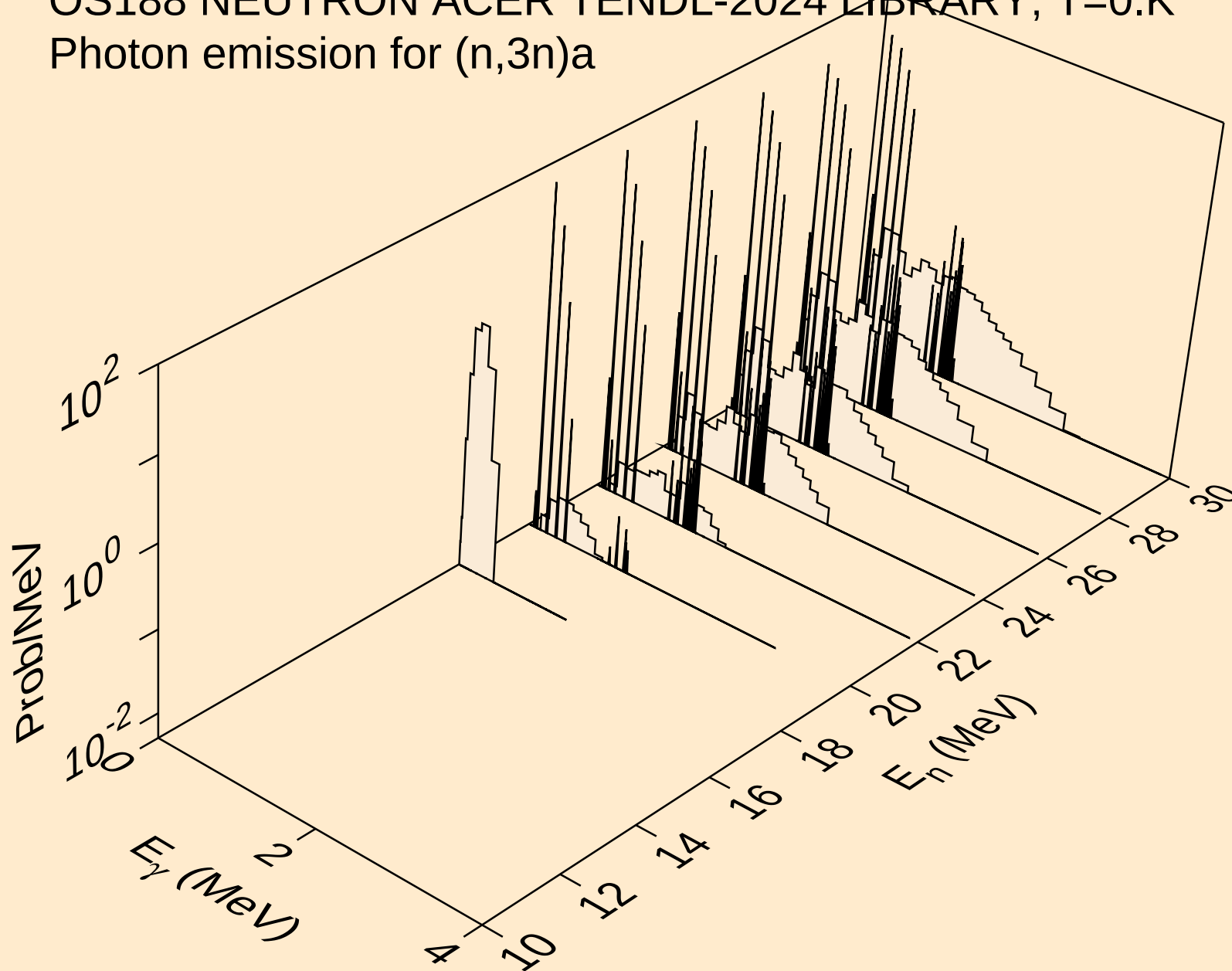
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



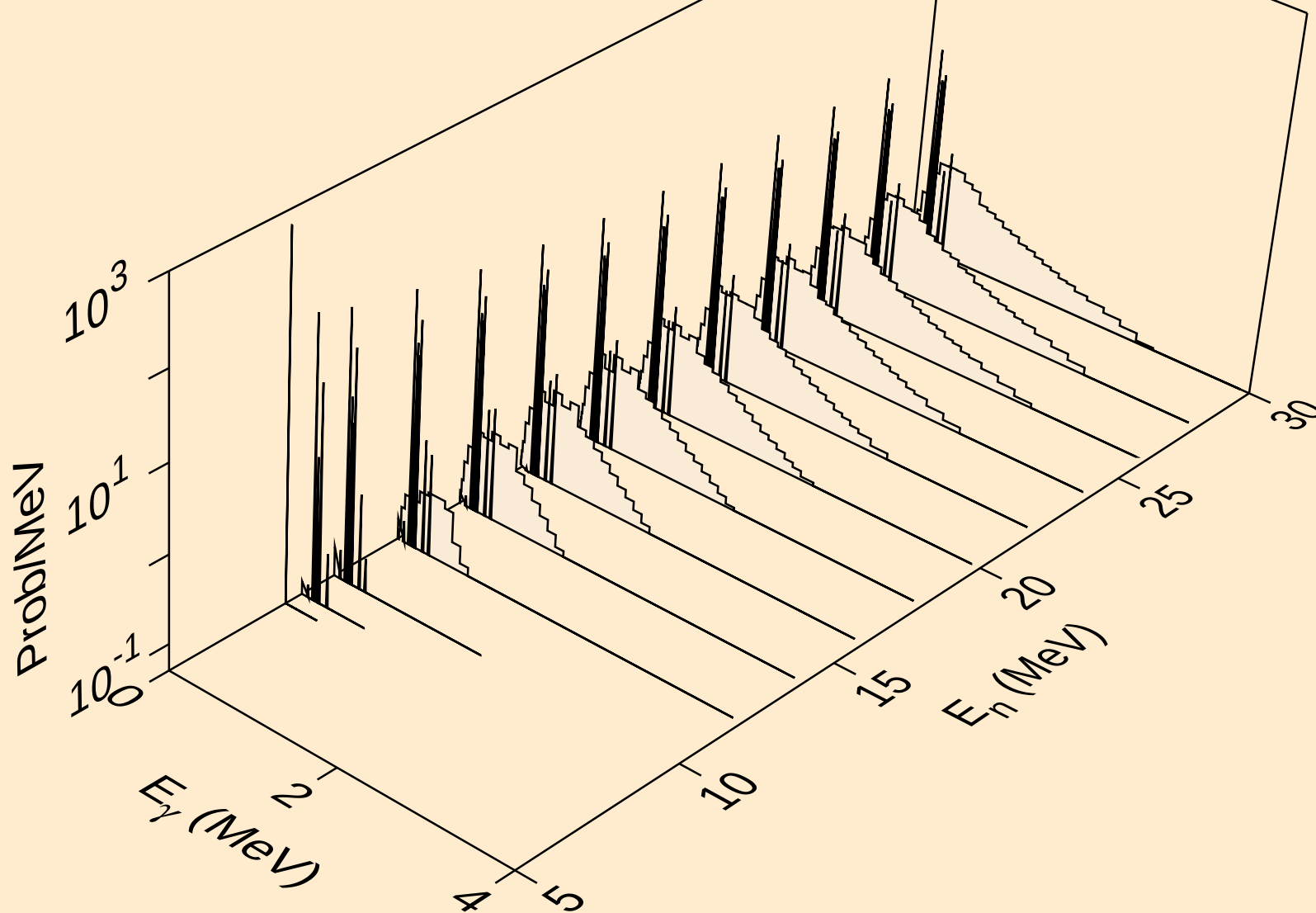
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



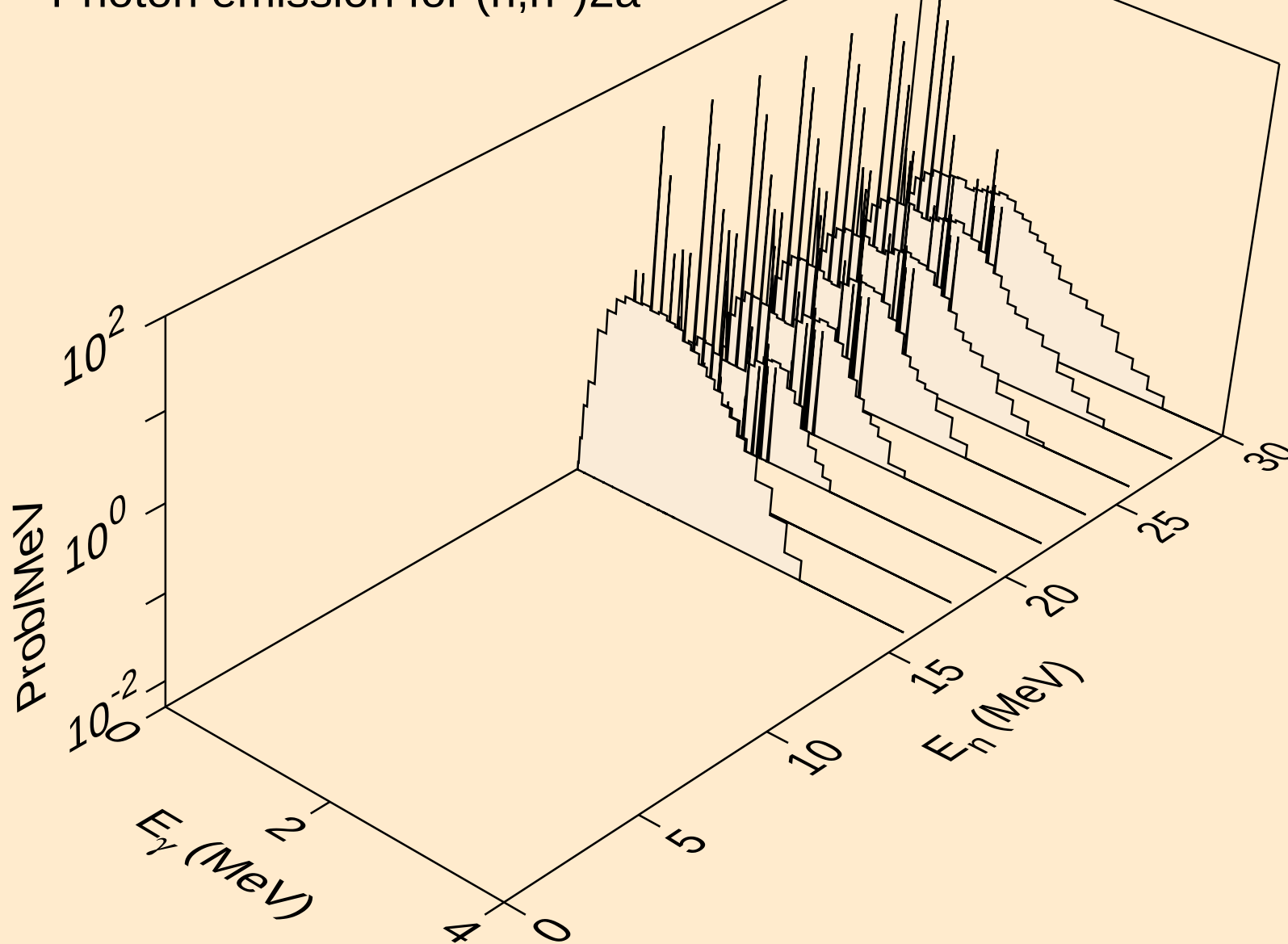
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$



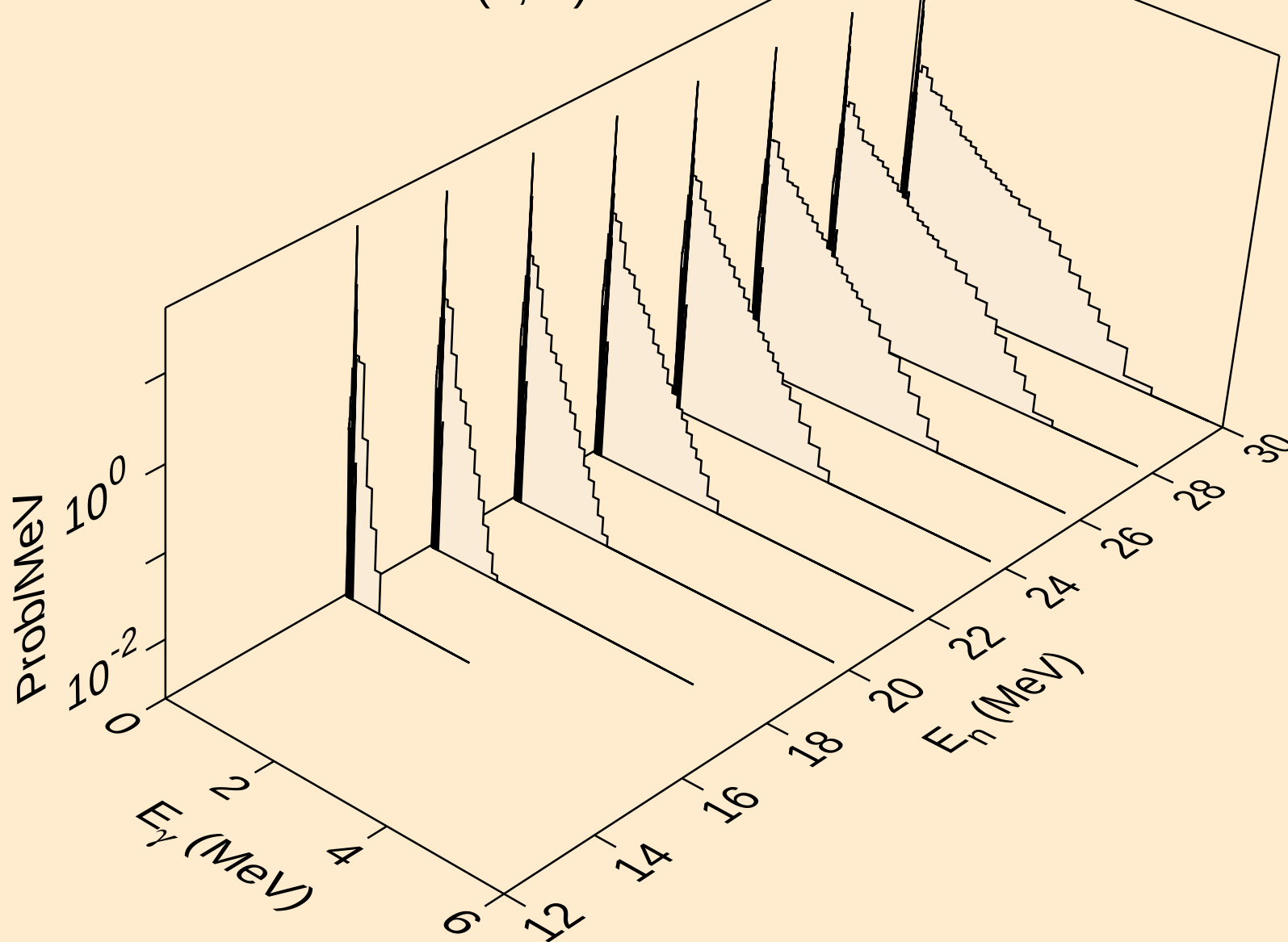
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

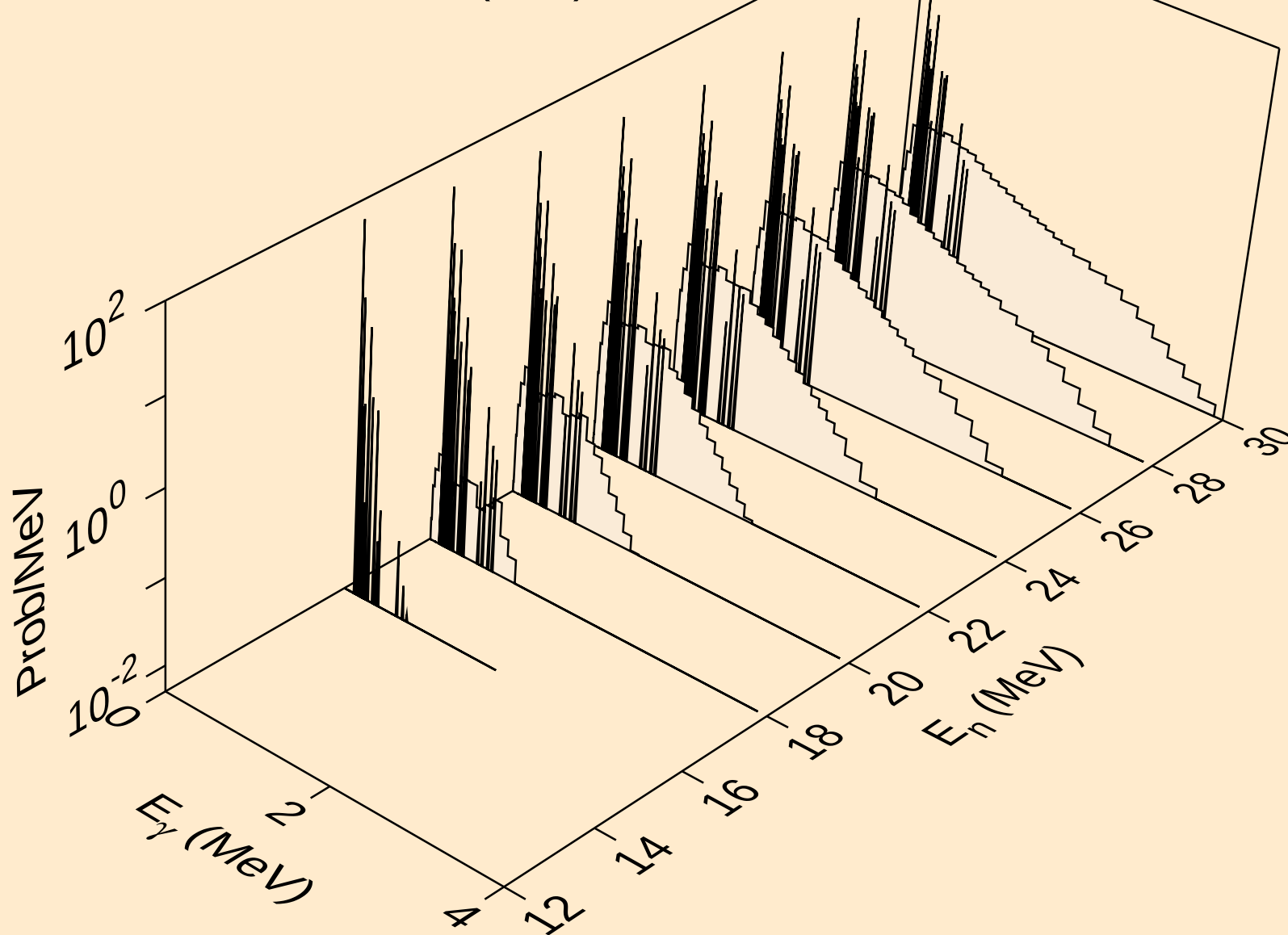


OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

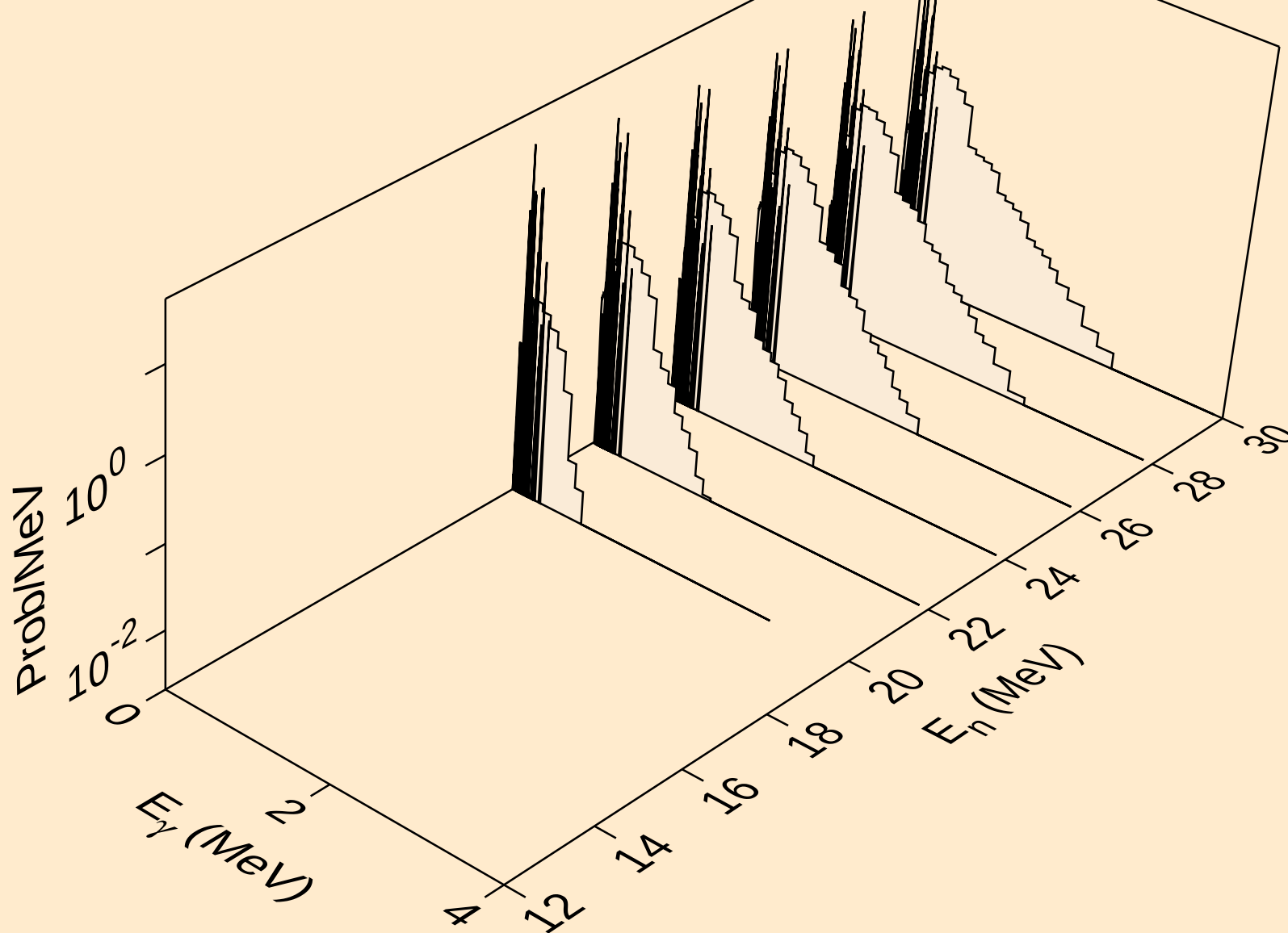


# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

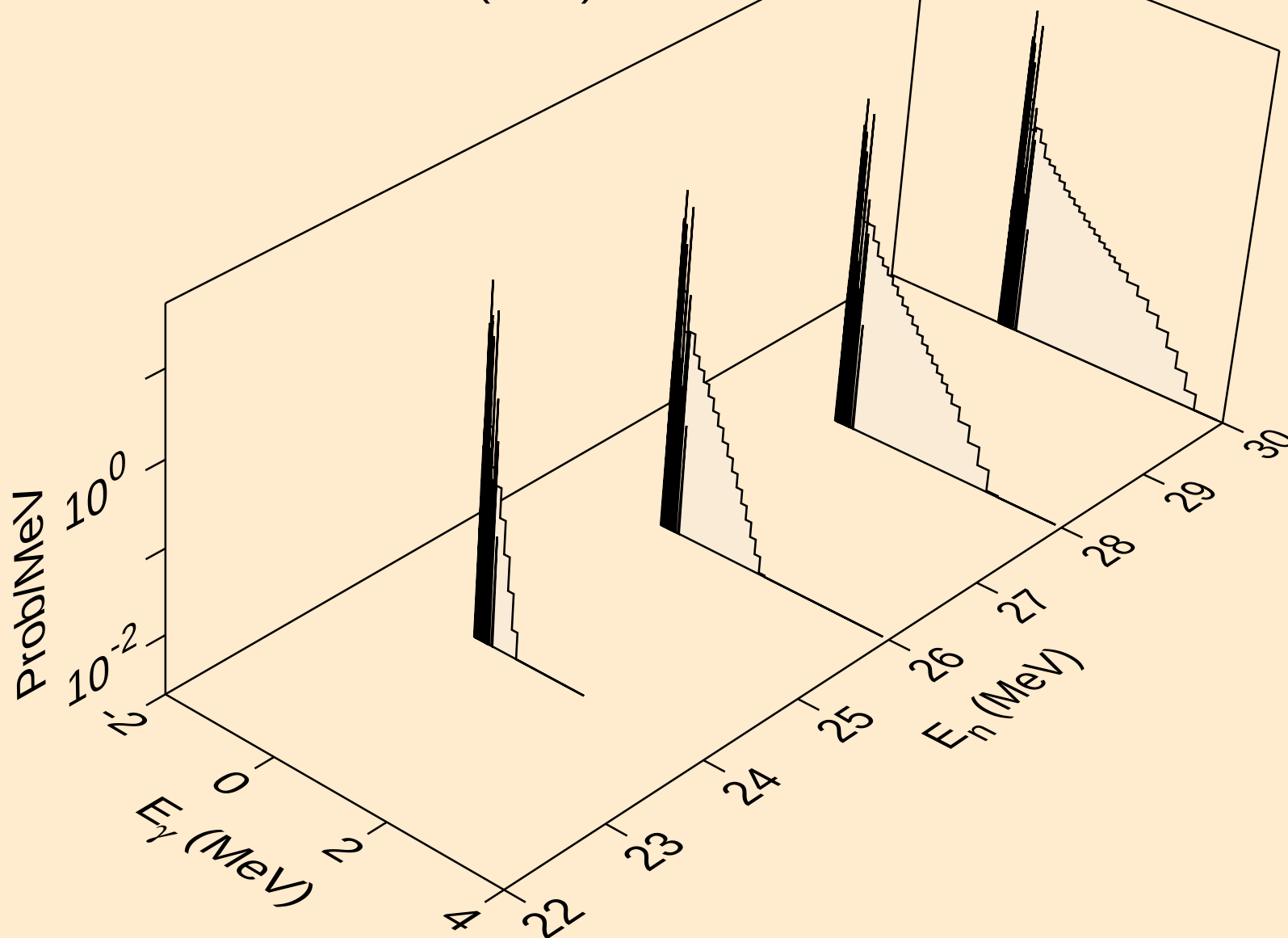
Photon emission for (n,n\*)t



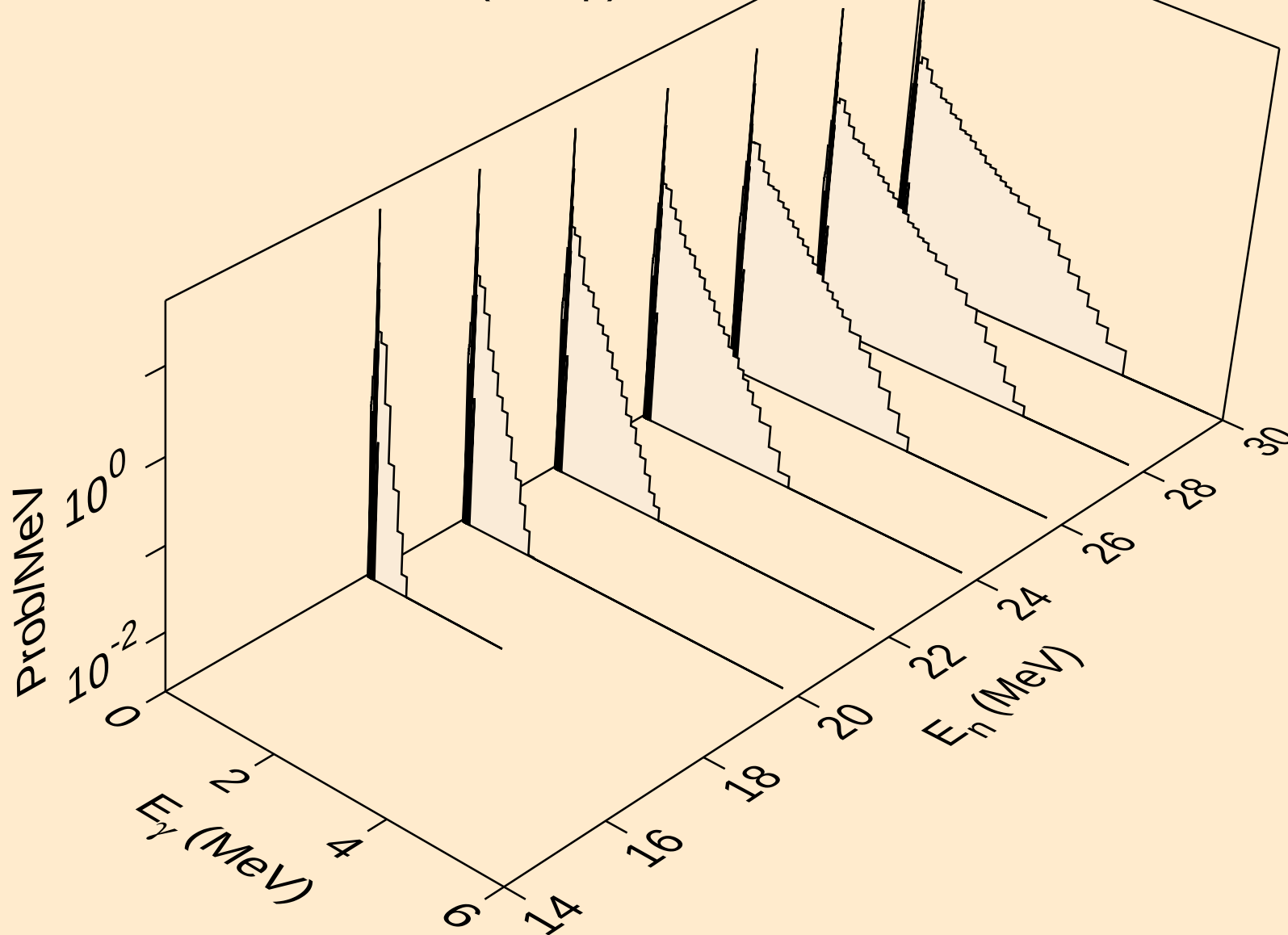
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



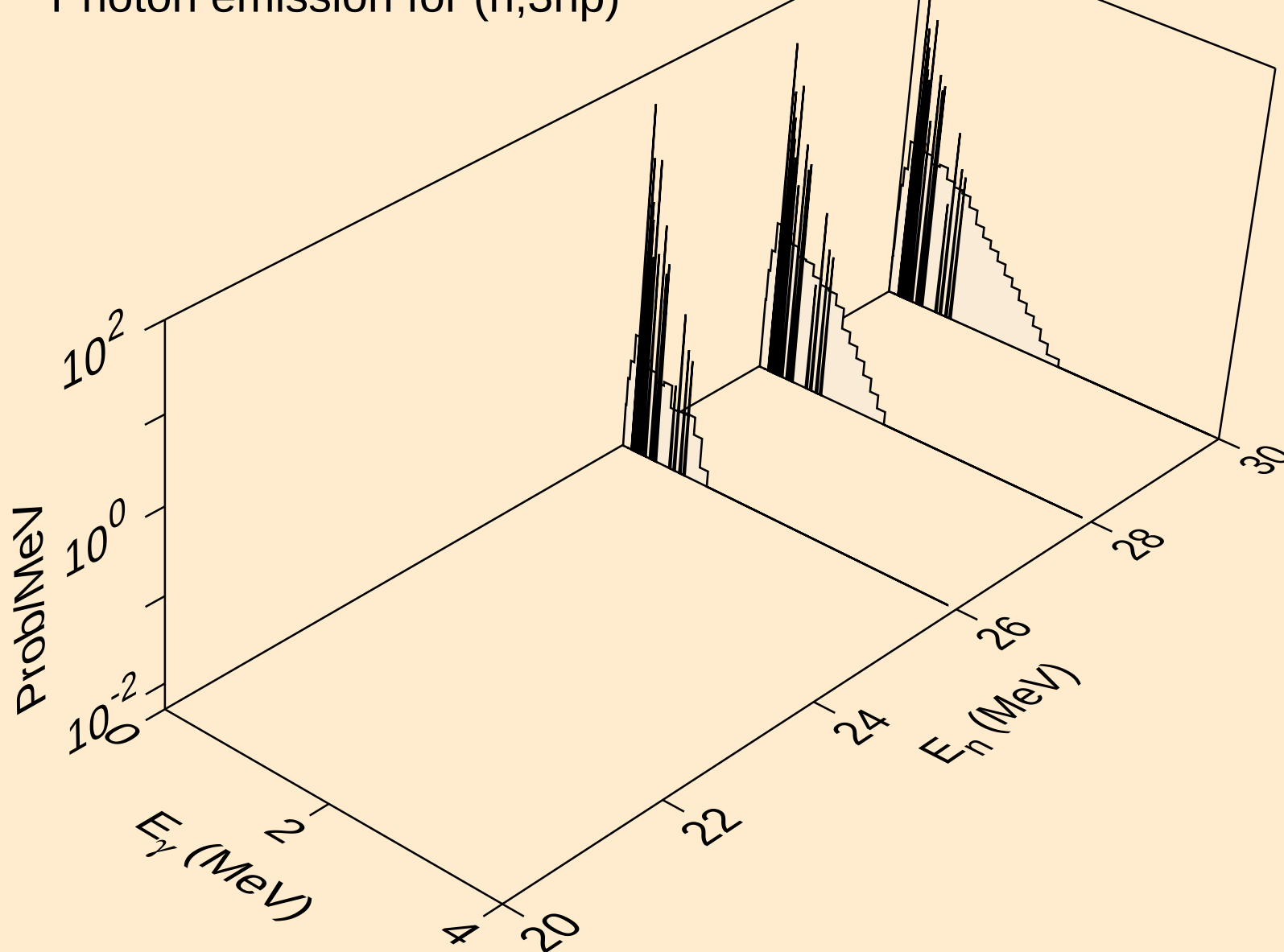
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



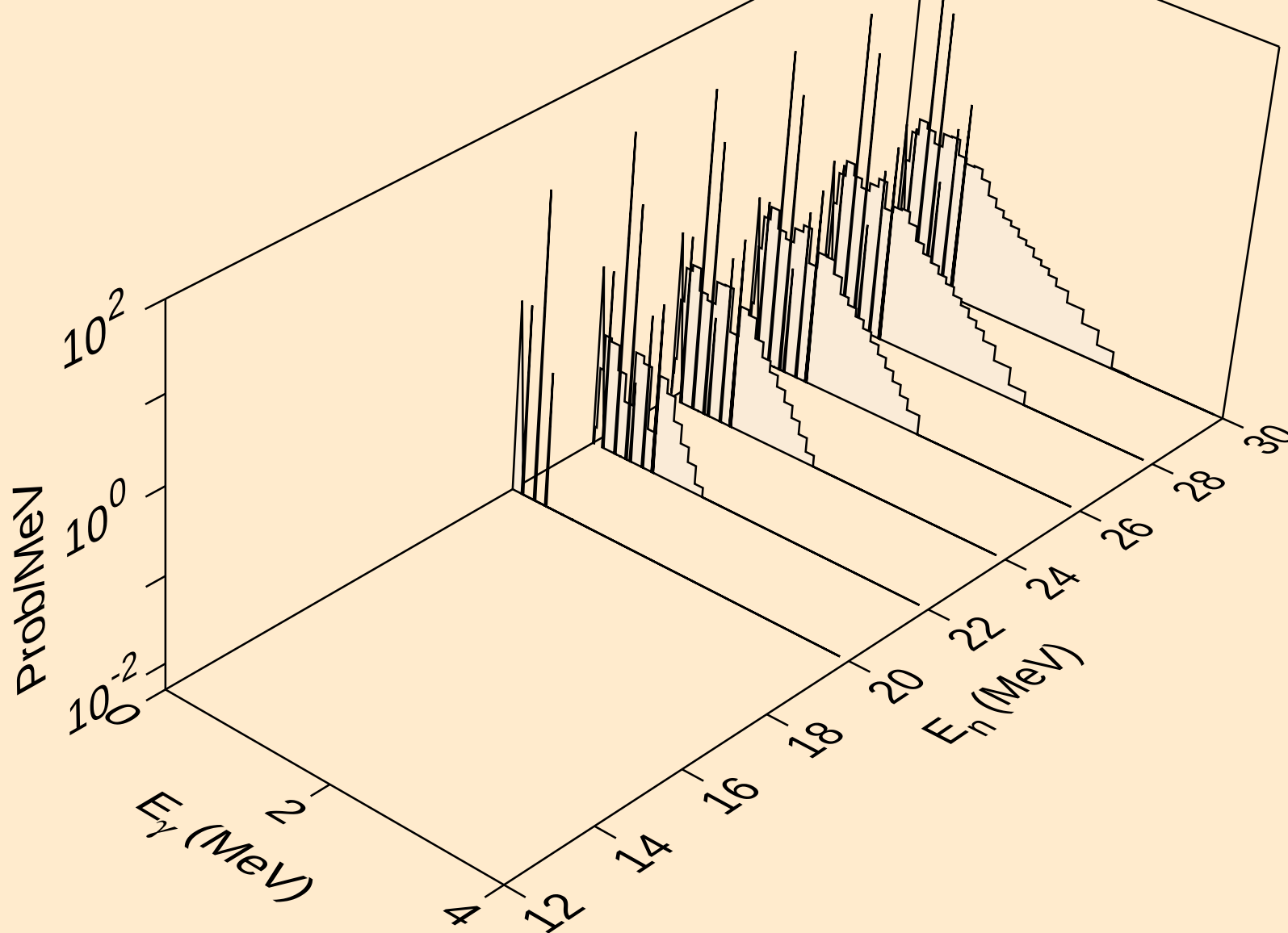
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Photon emission for (n,2np)



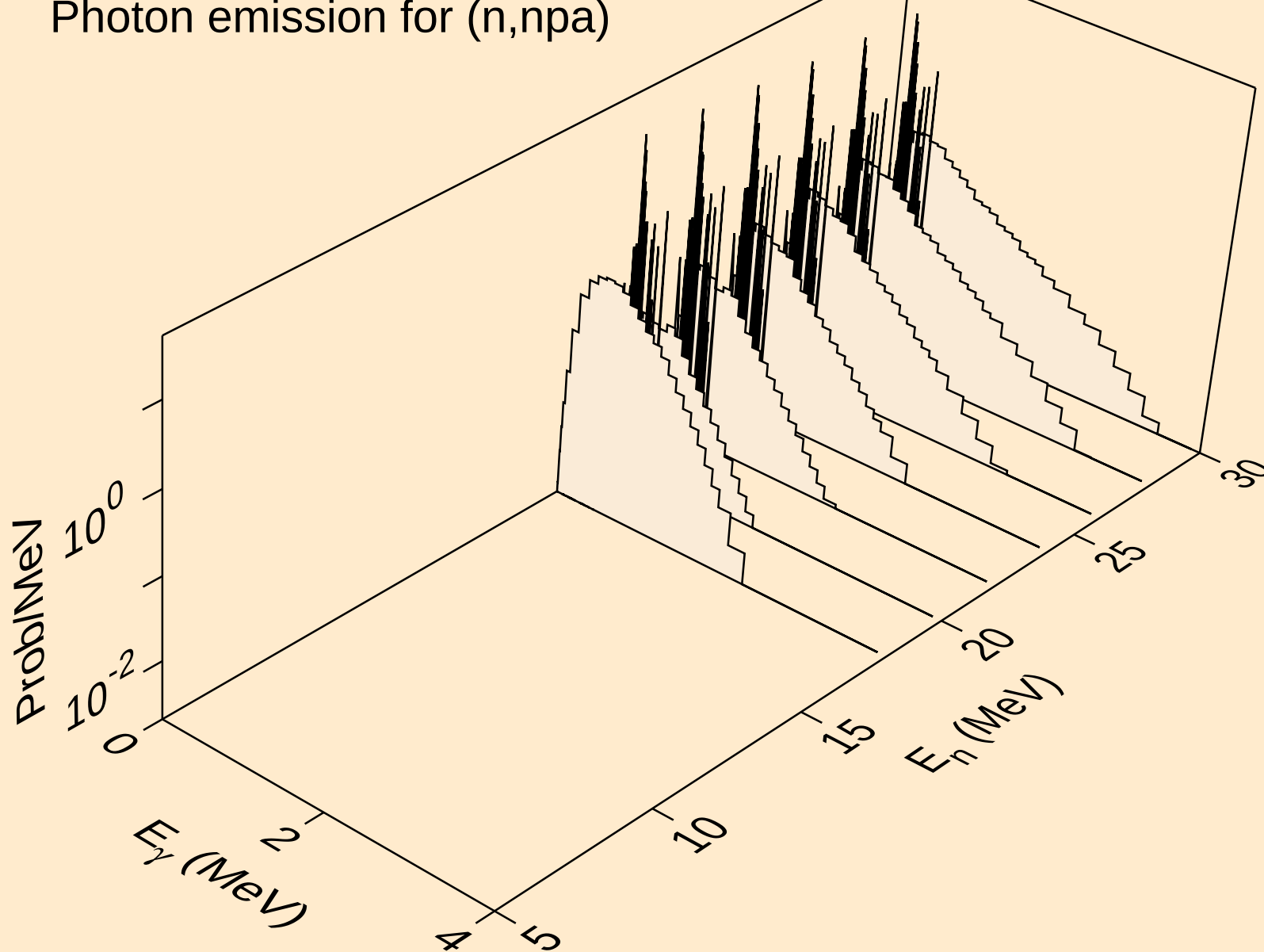
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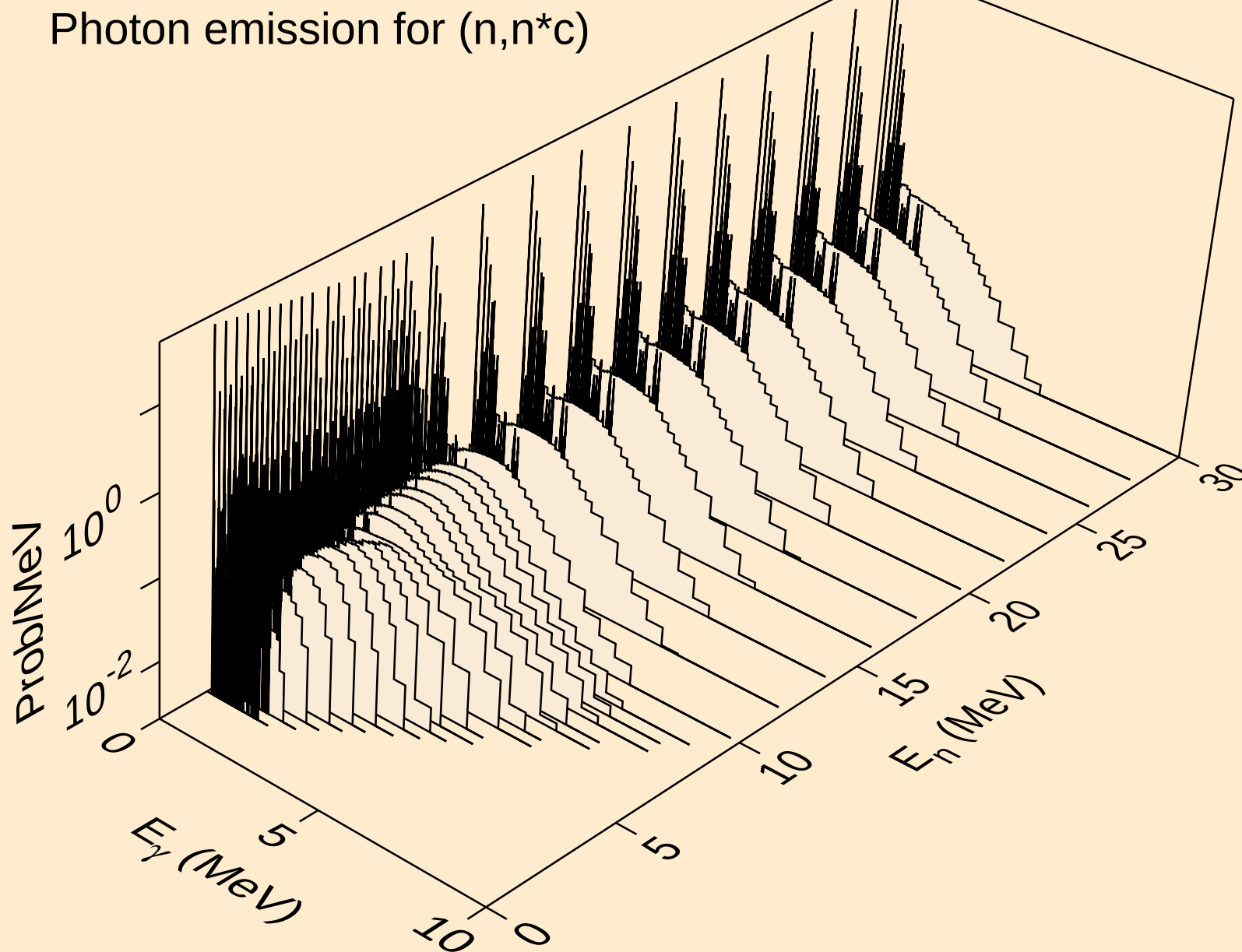
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Photon emission for (n,n2p)



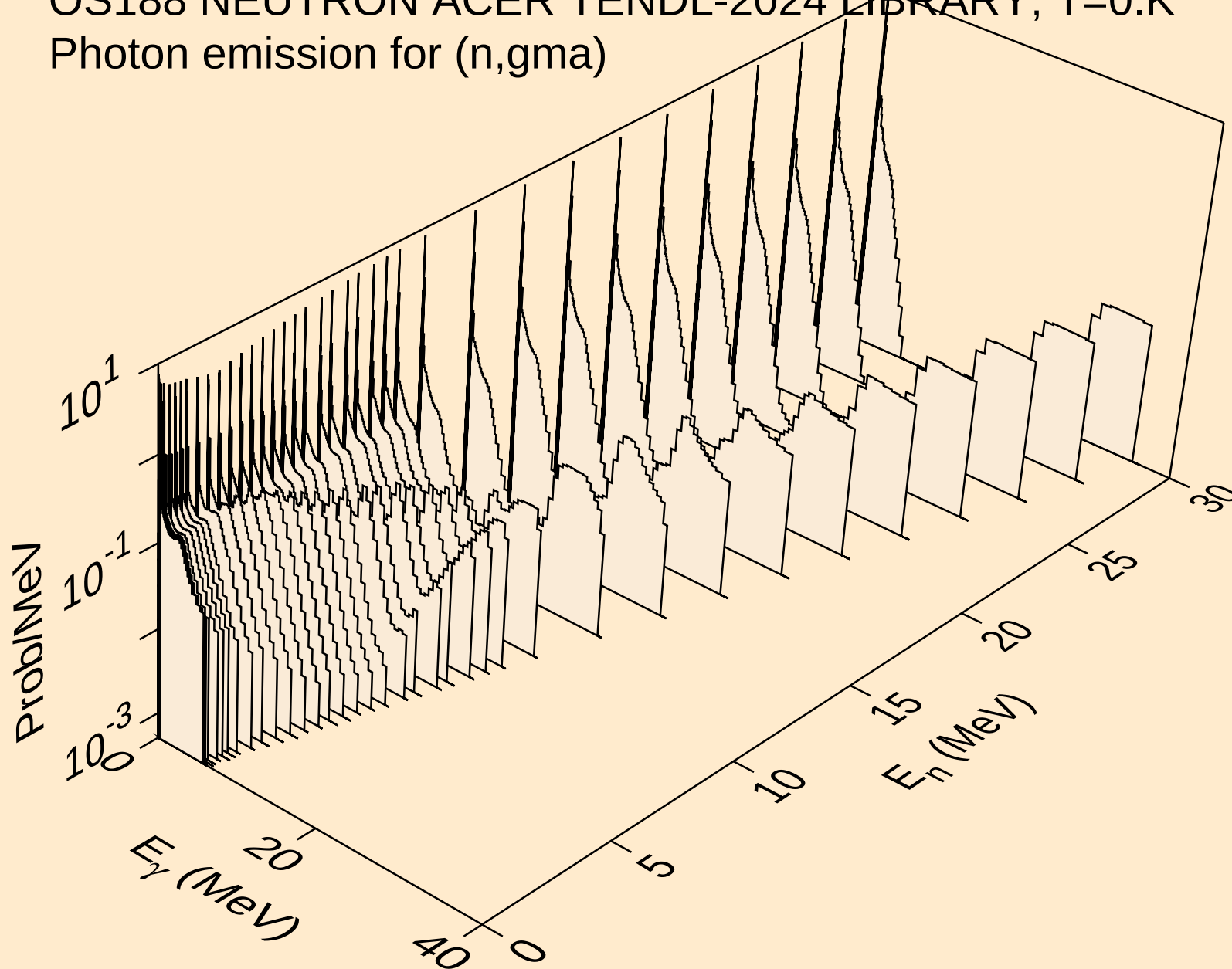
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



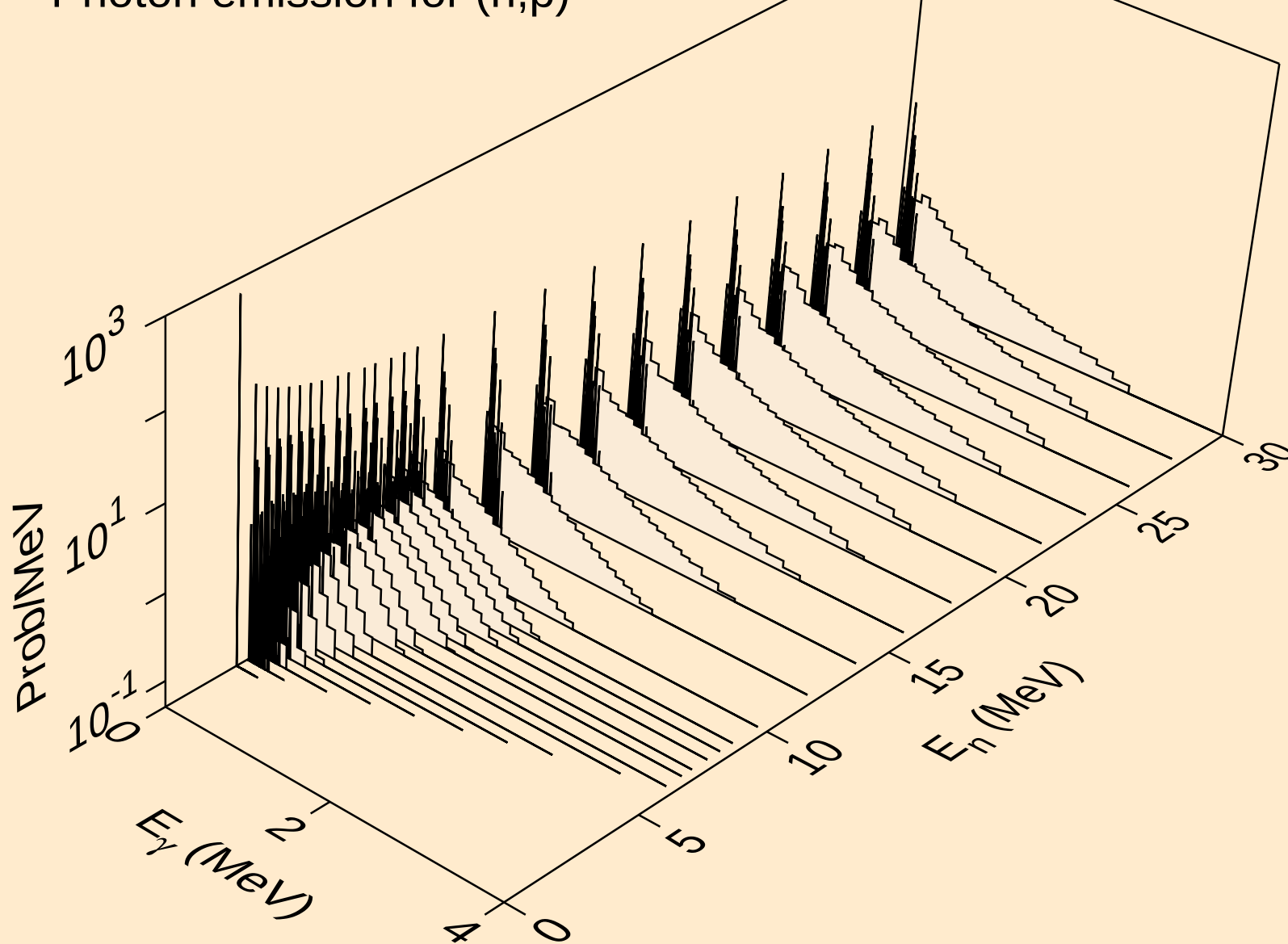
OS188 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*c)$



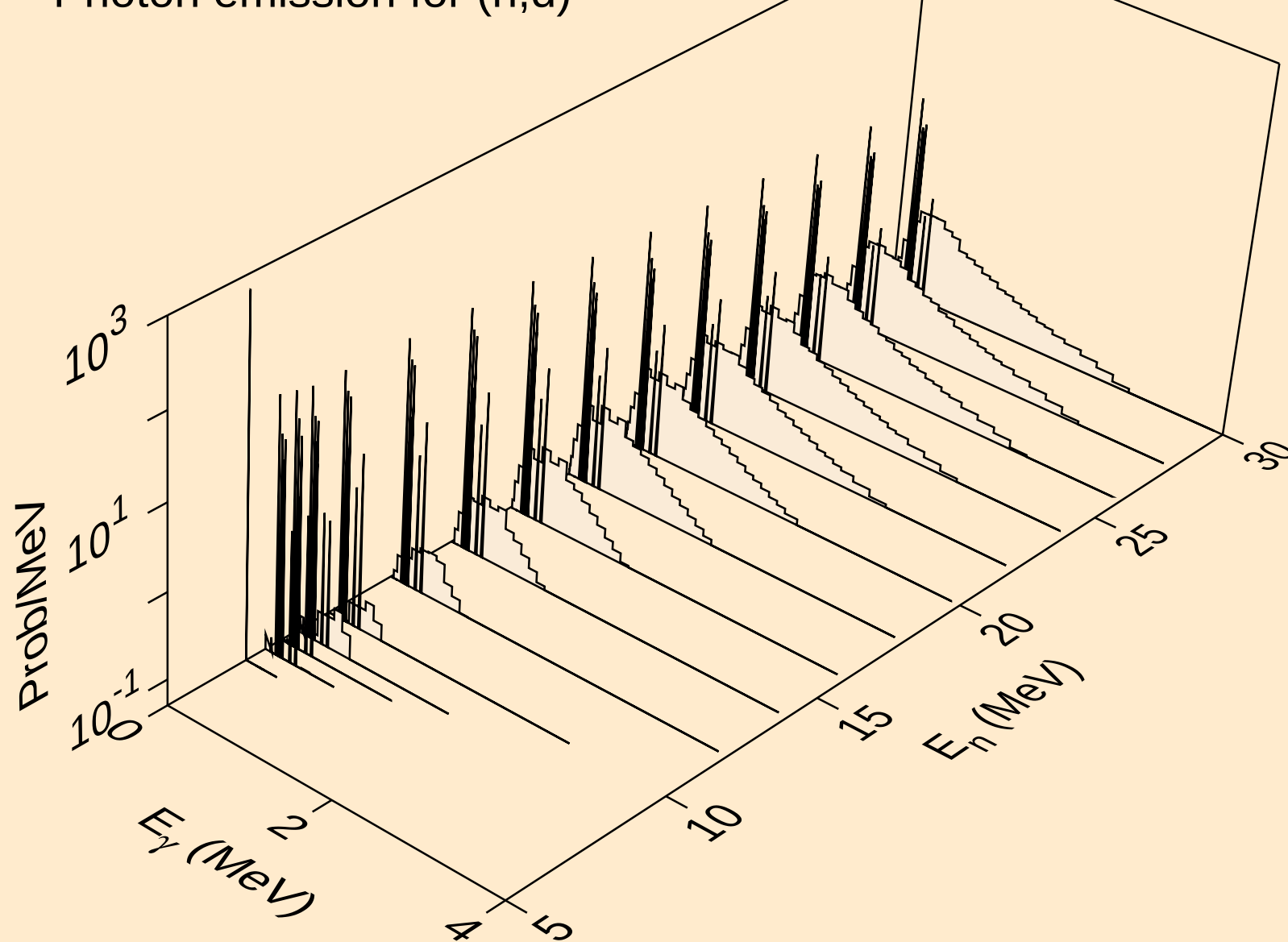
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Photon emission for (n,gma)



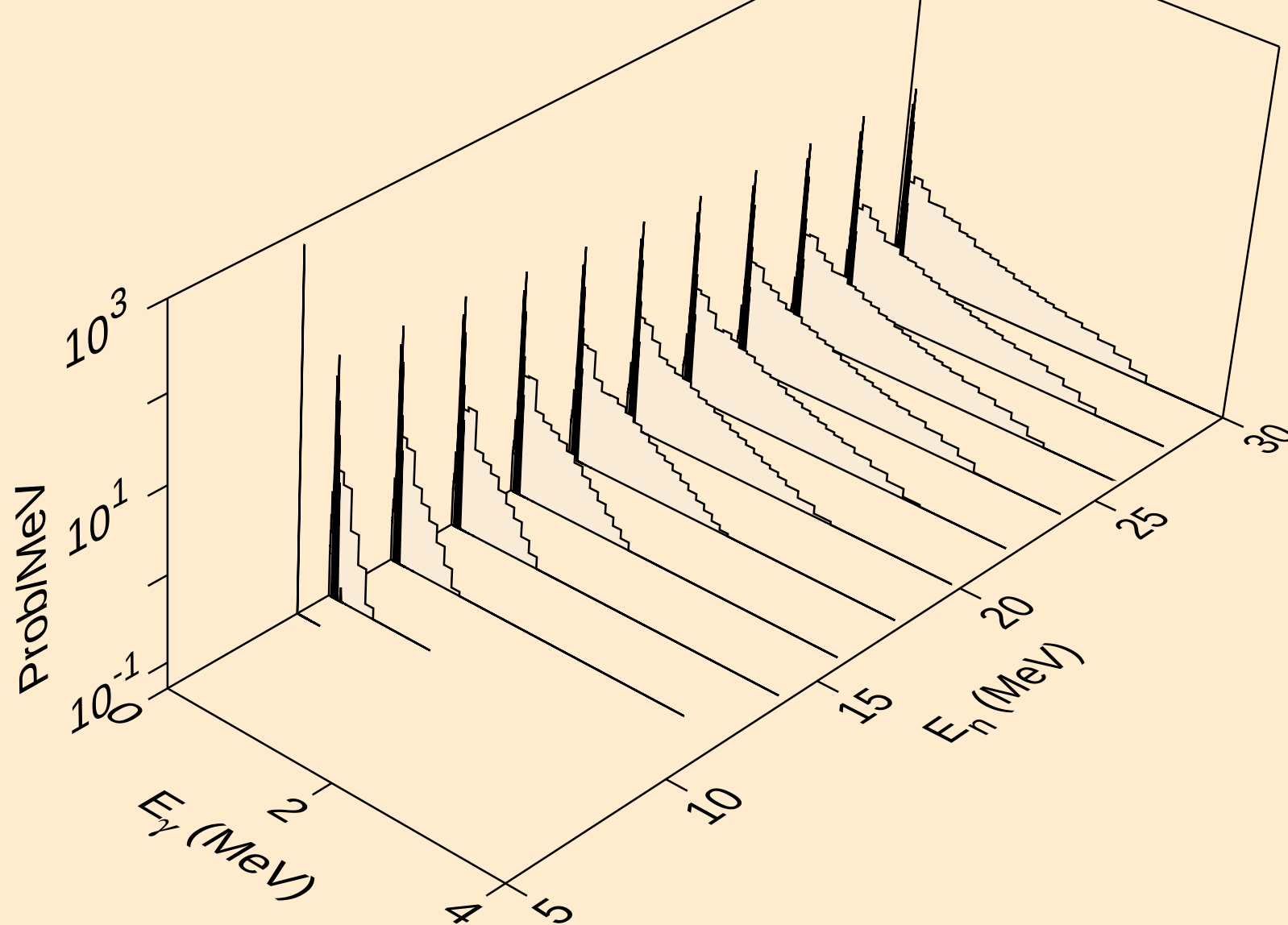
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



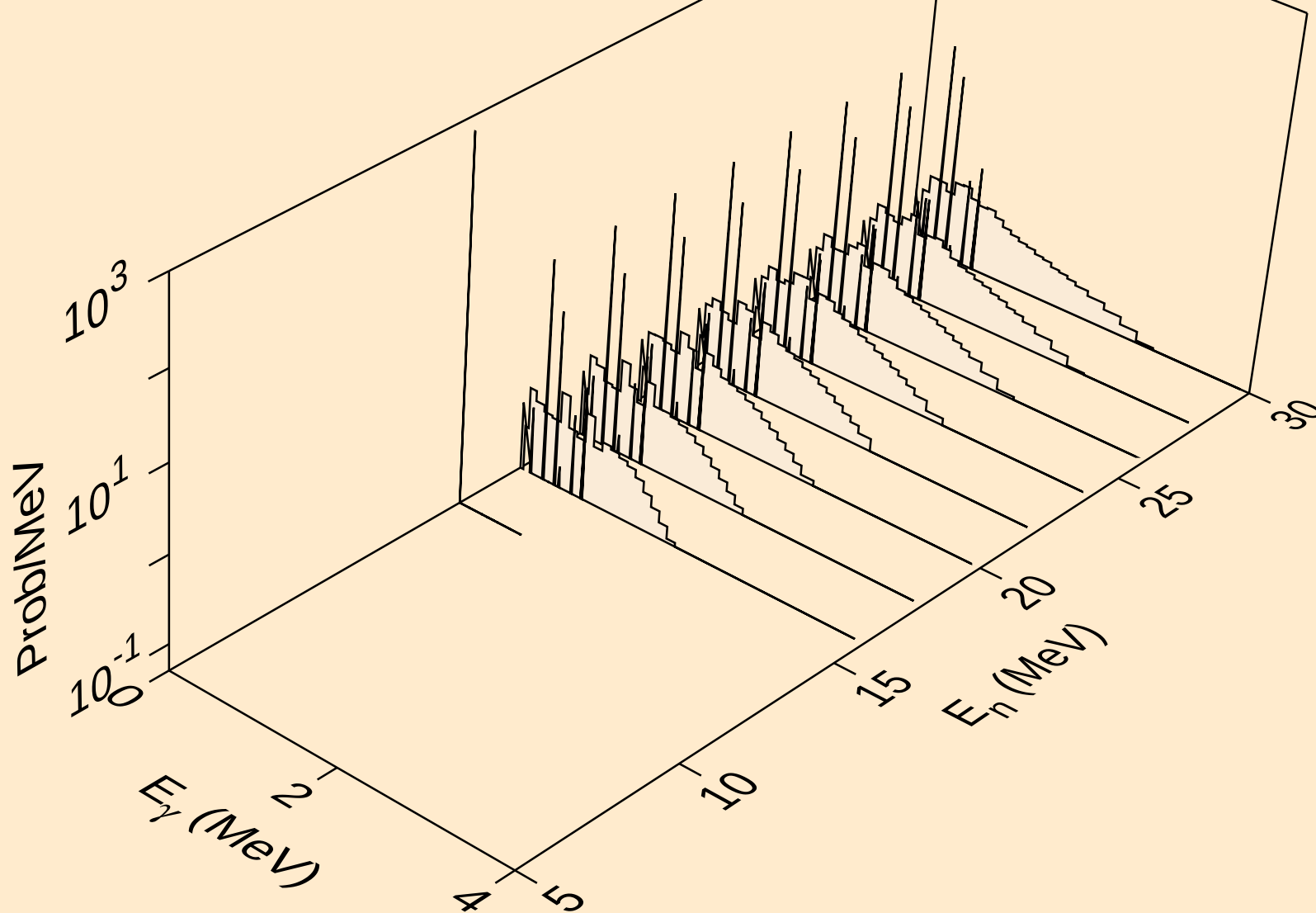
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Photon emission for (n,d)



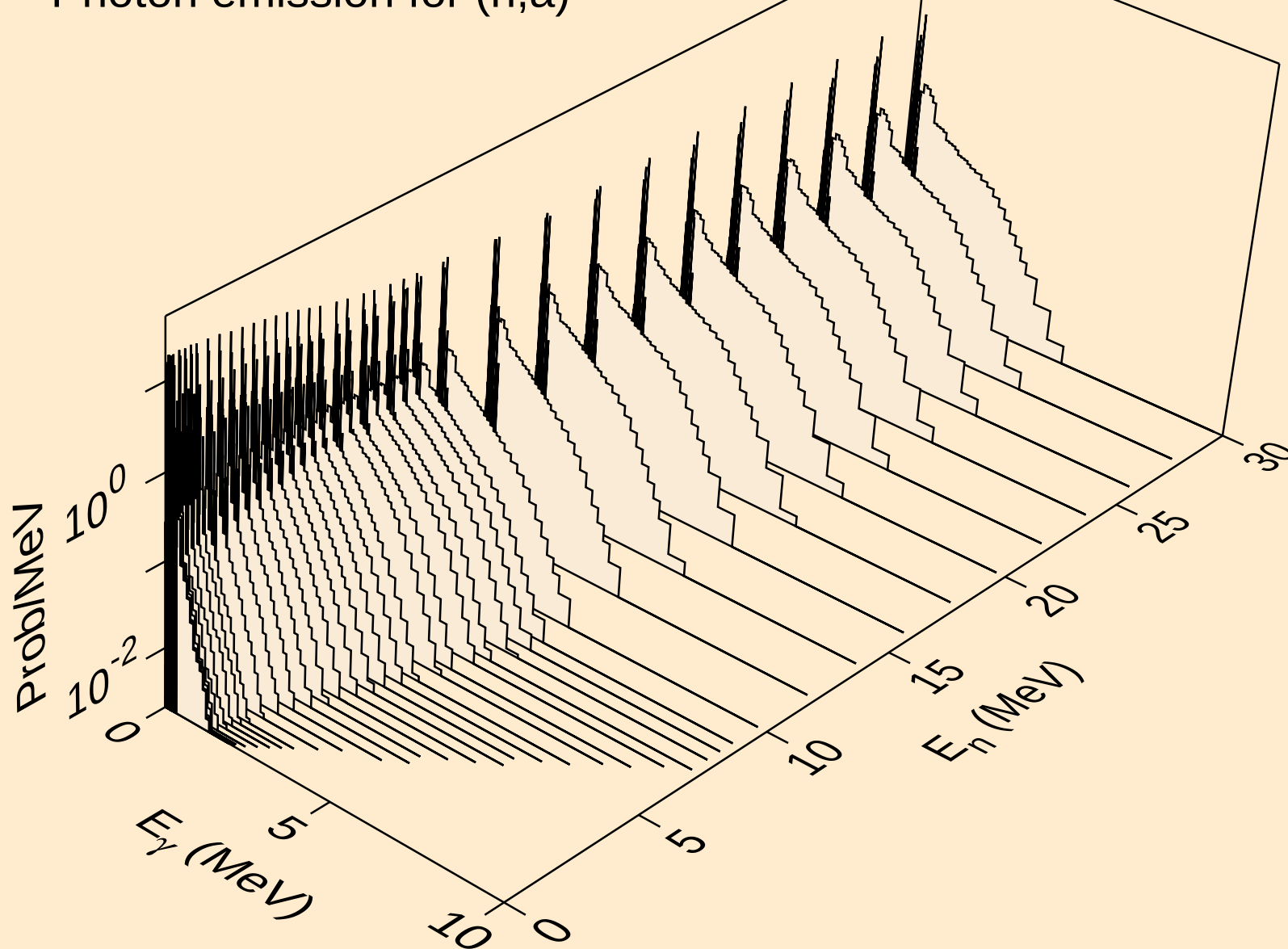
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



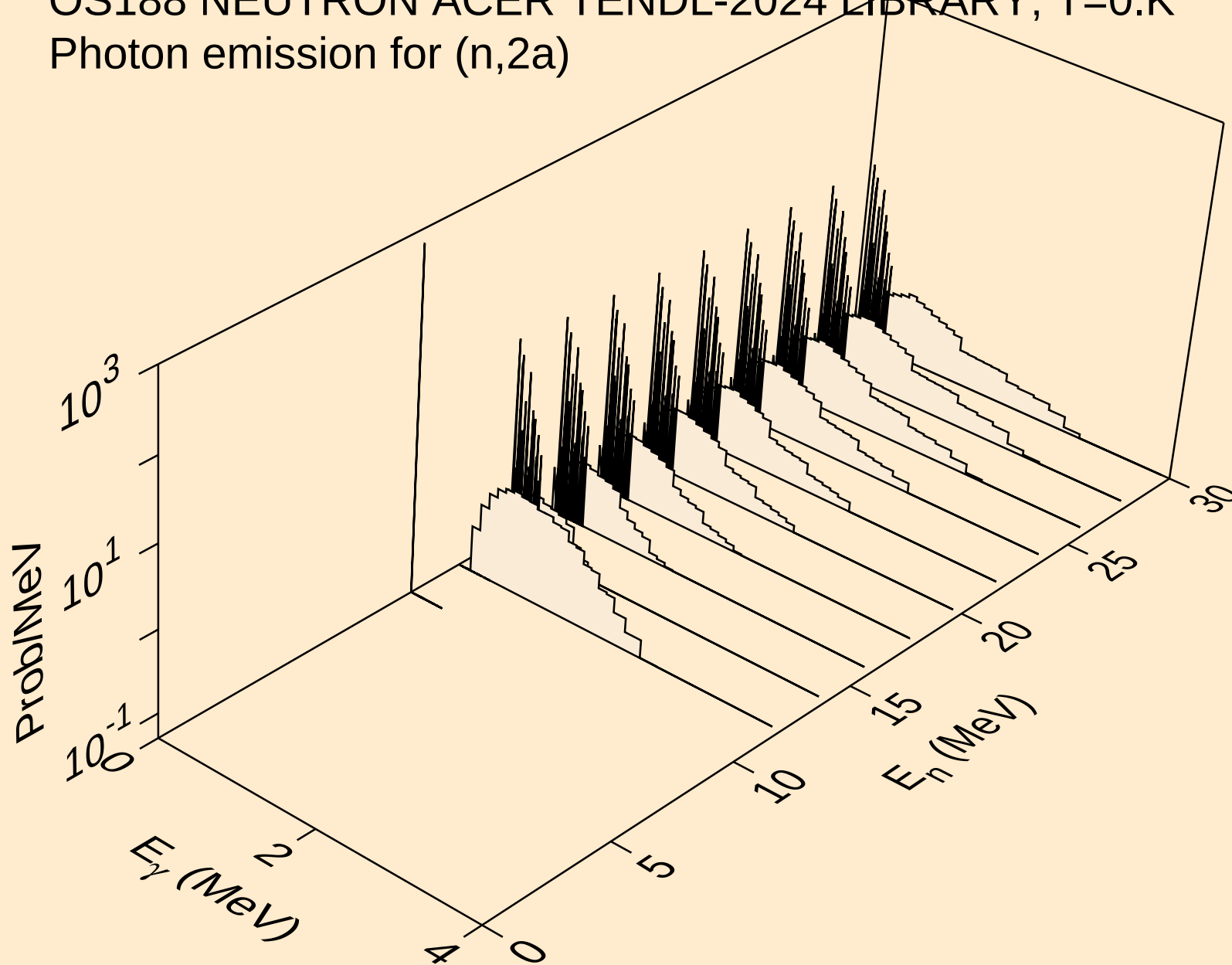
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



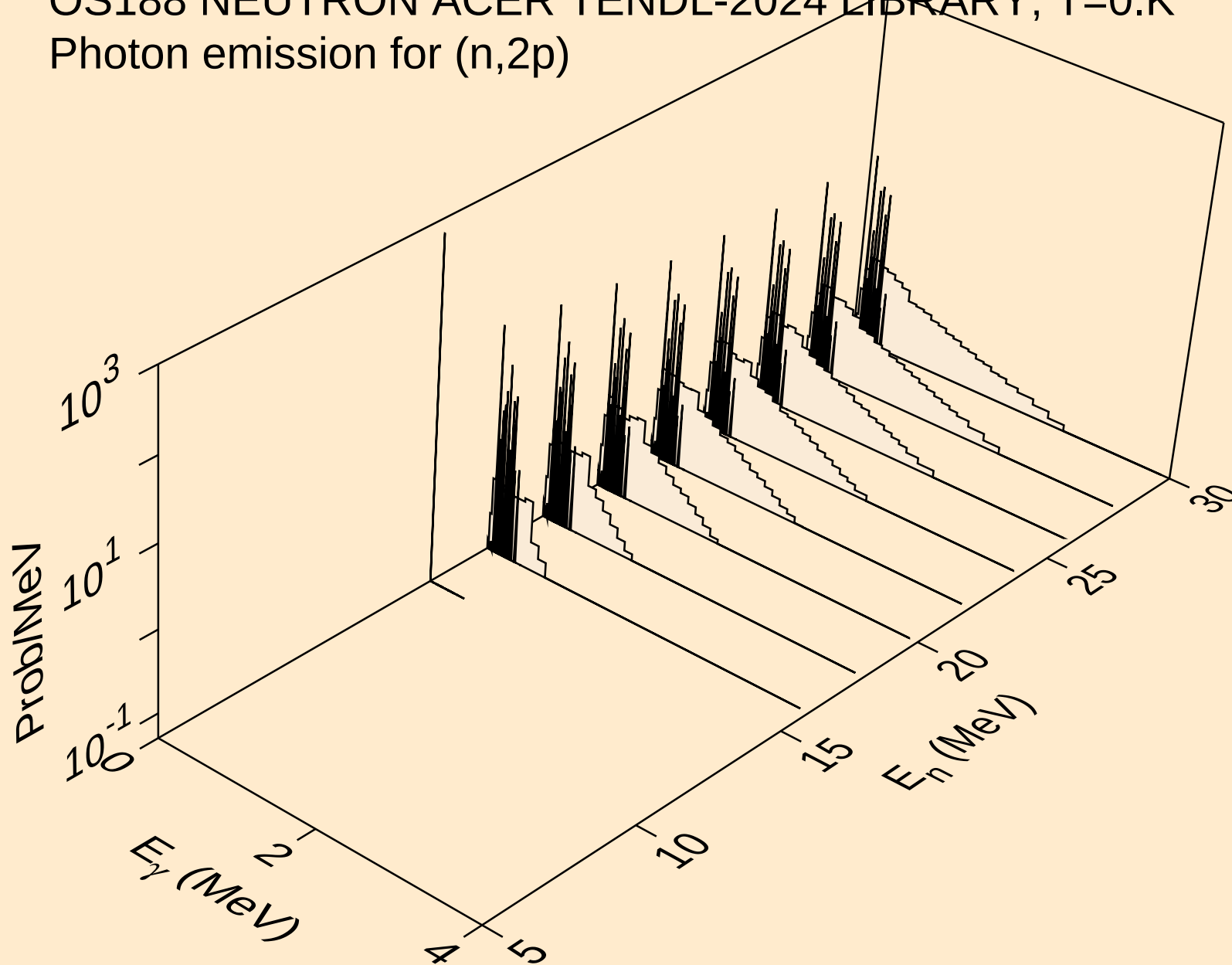
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



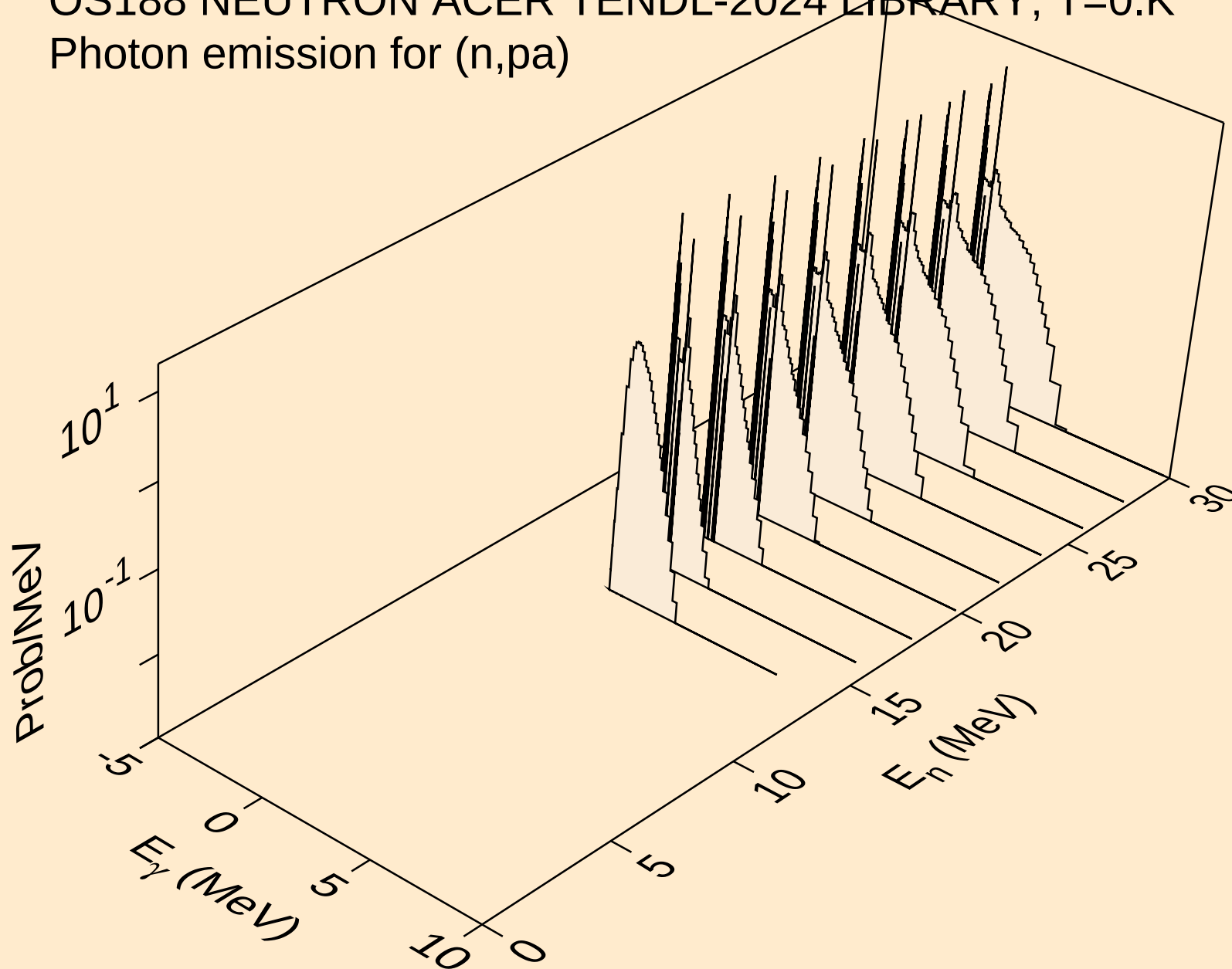
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



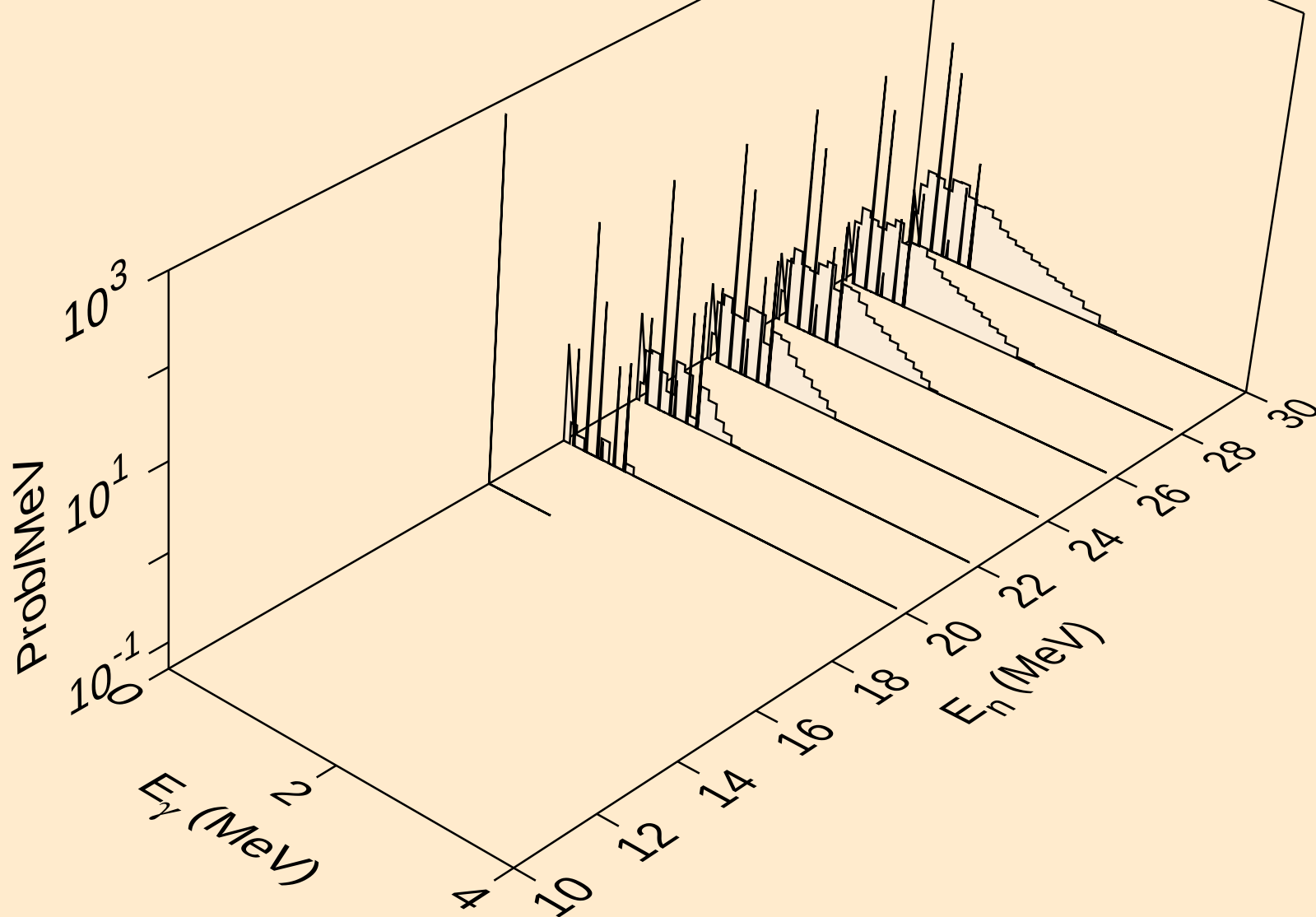
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



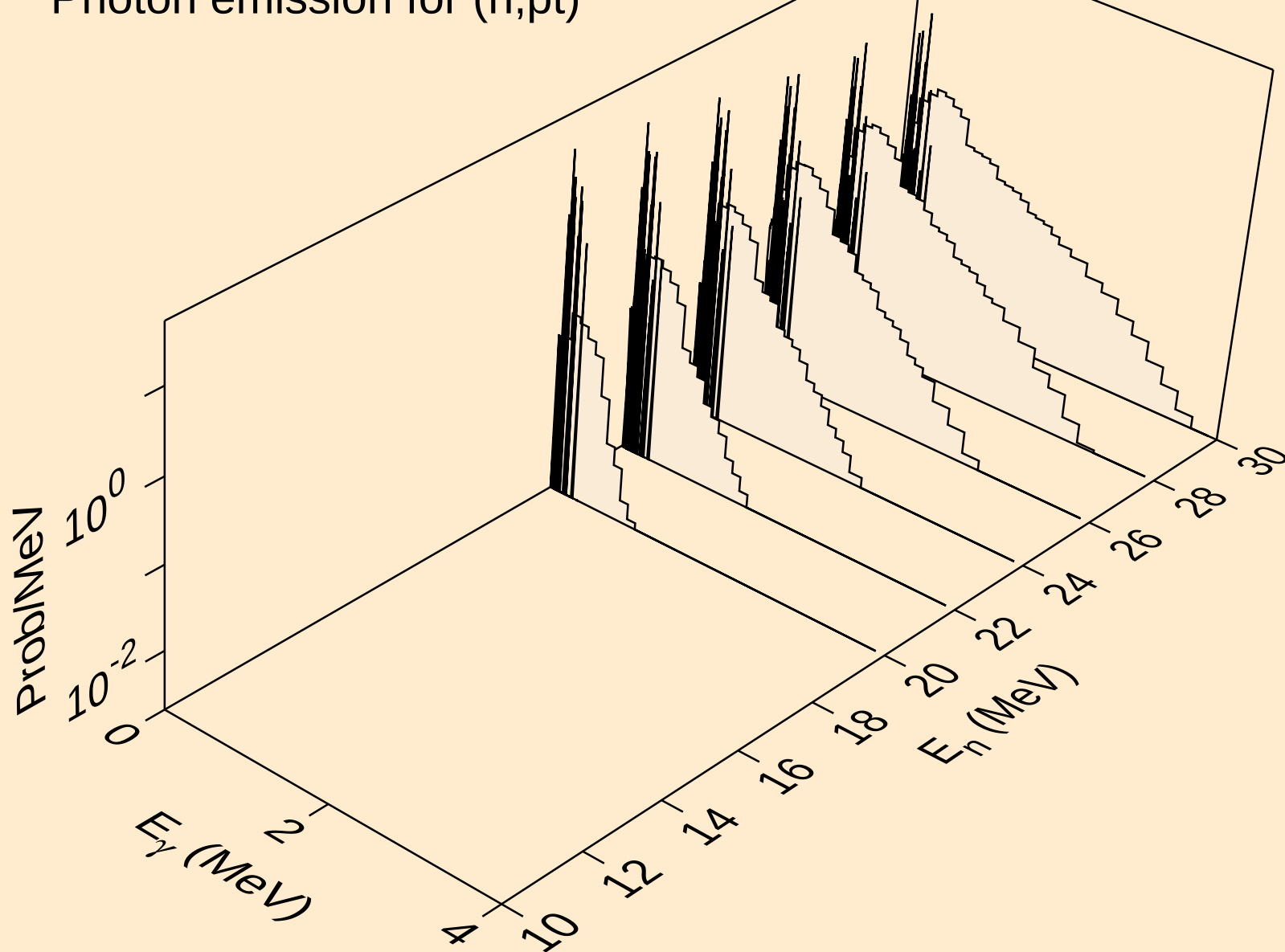
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



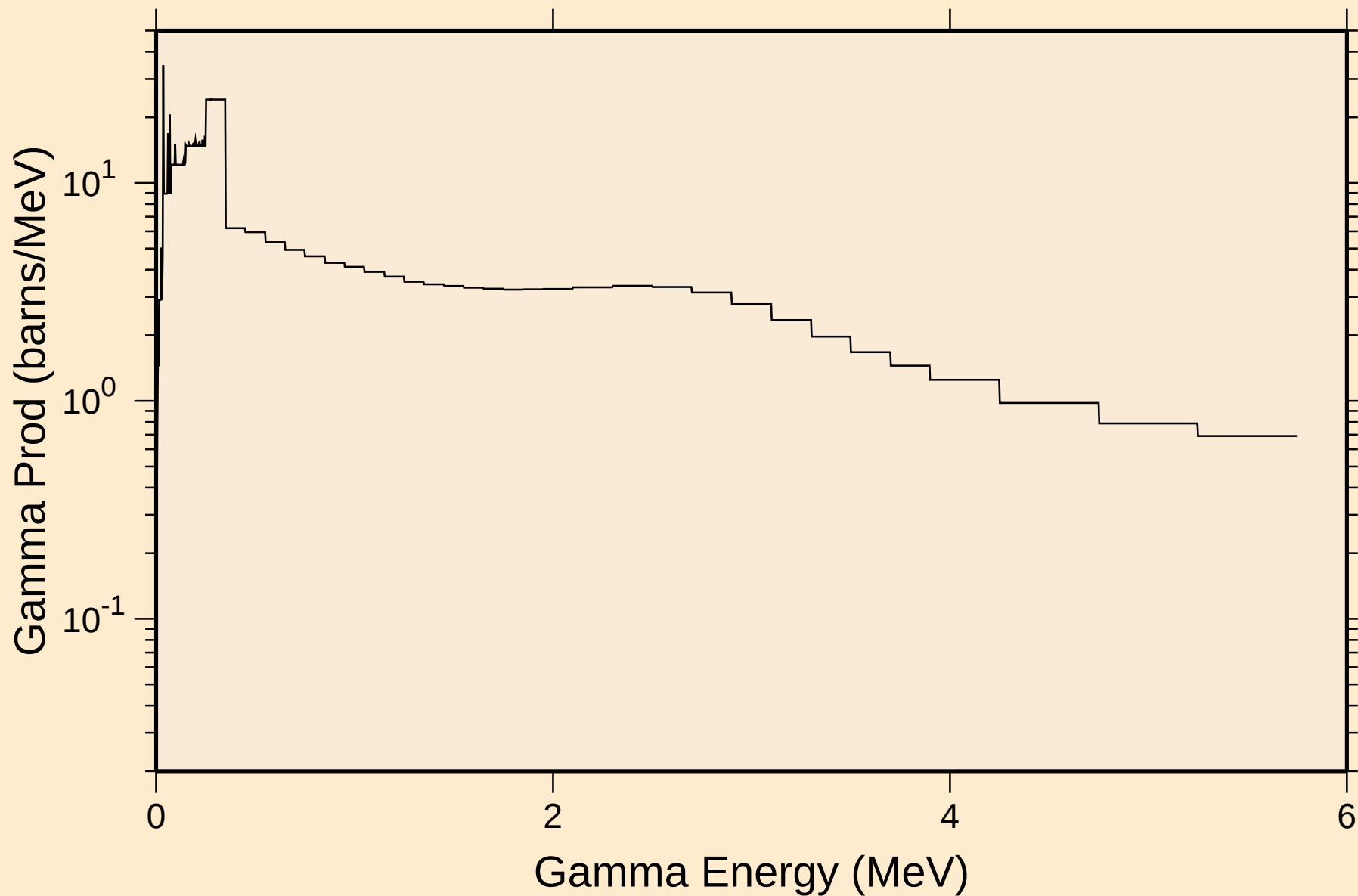
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



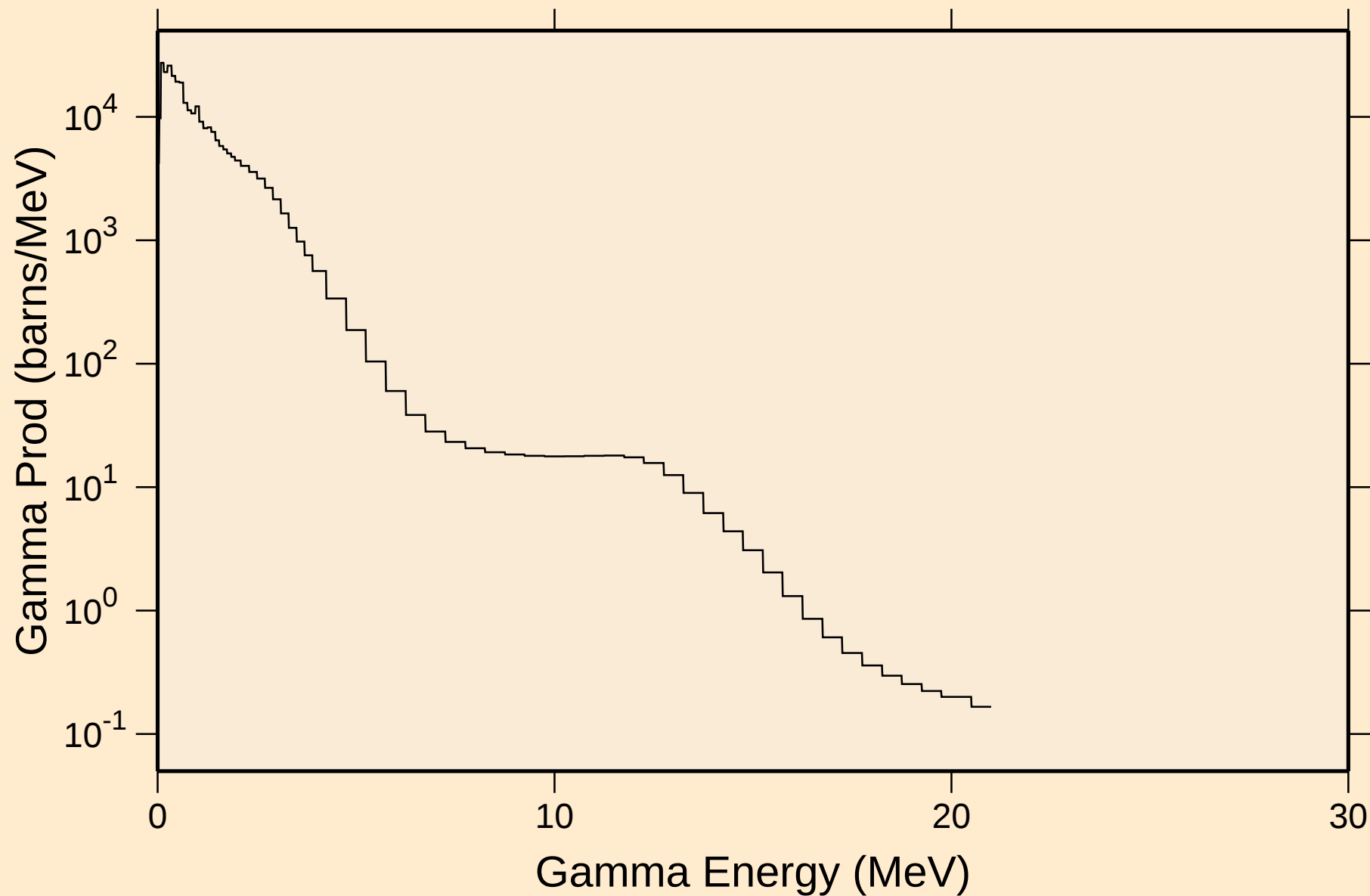
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

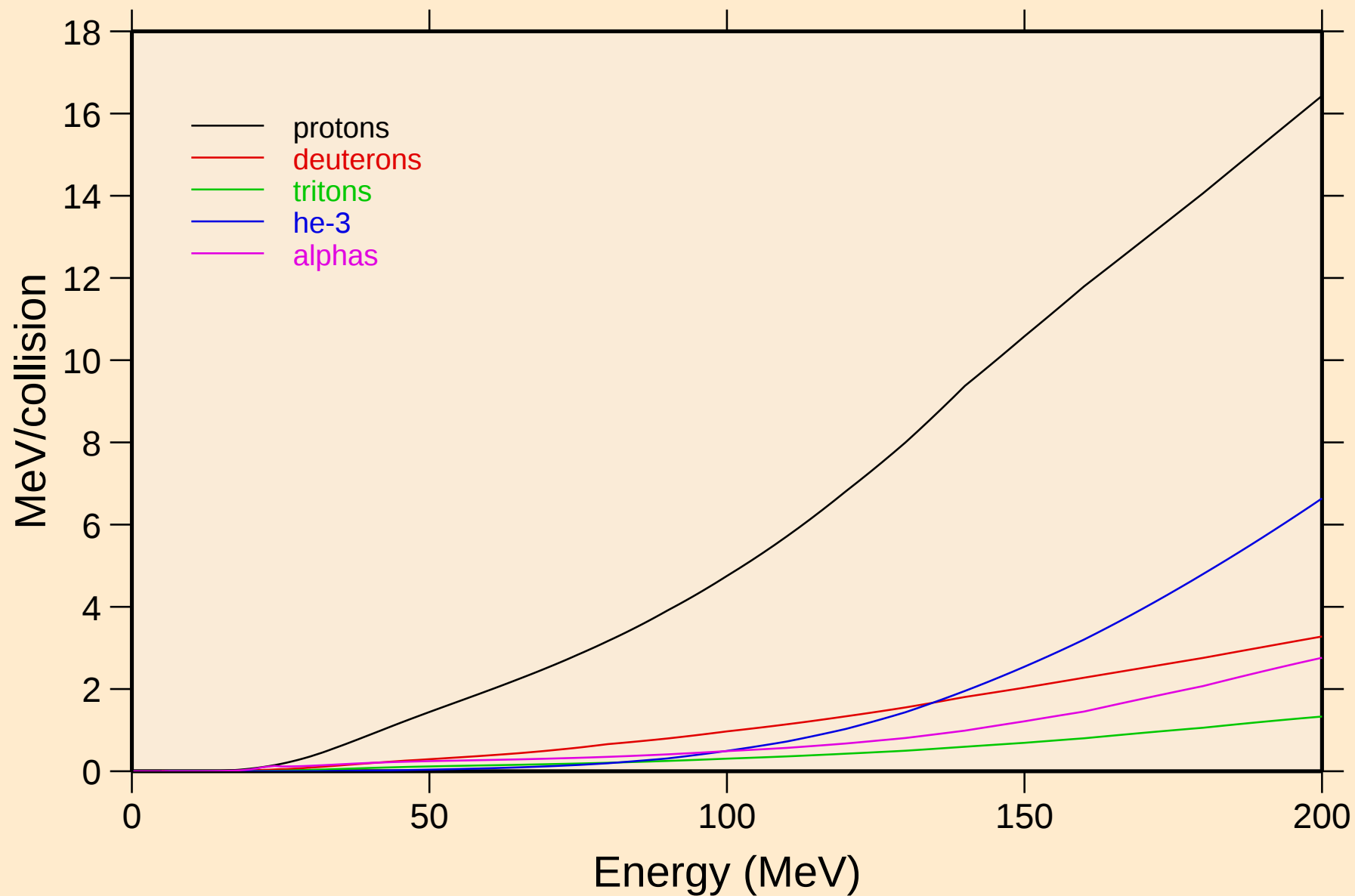


OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



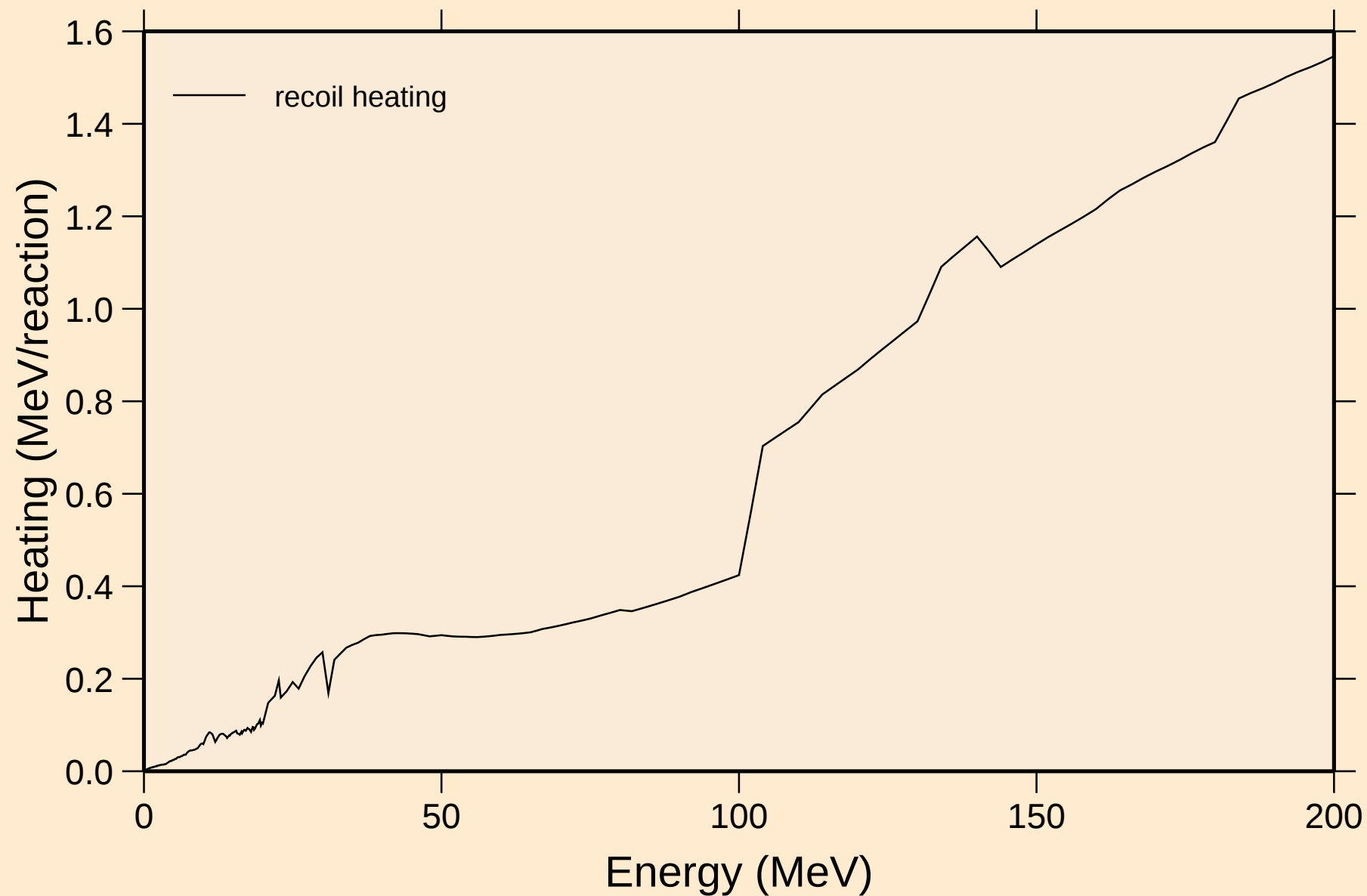
# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

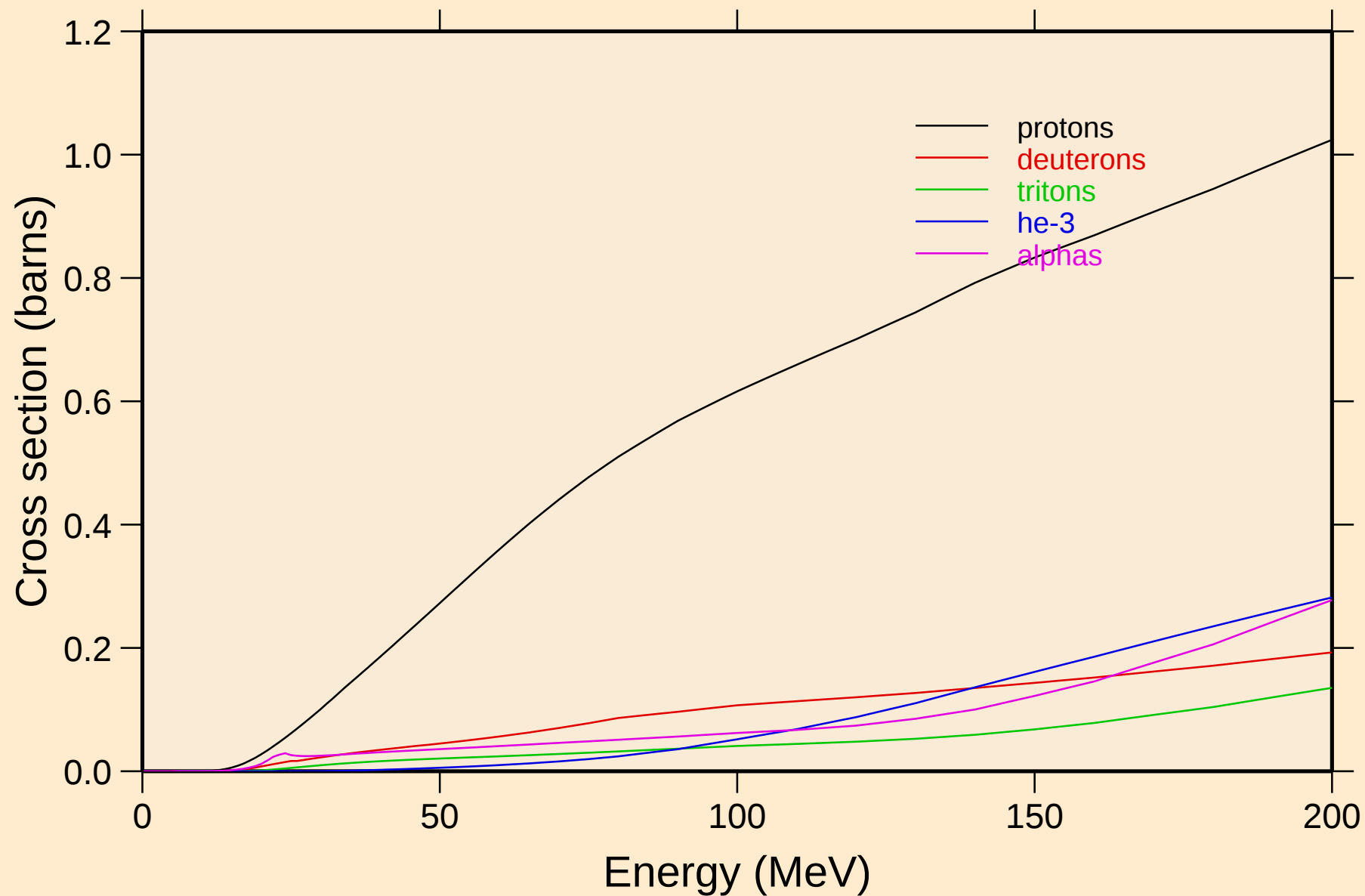


# OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

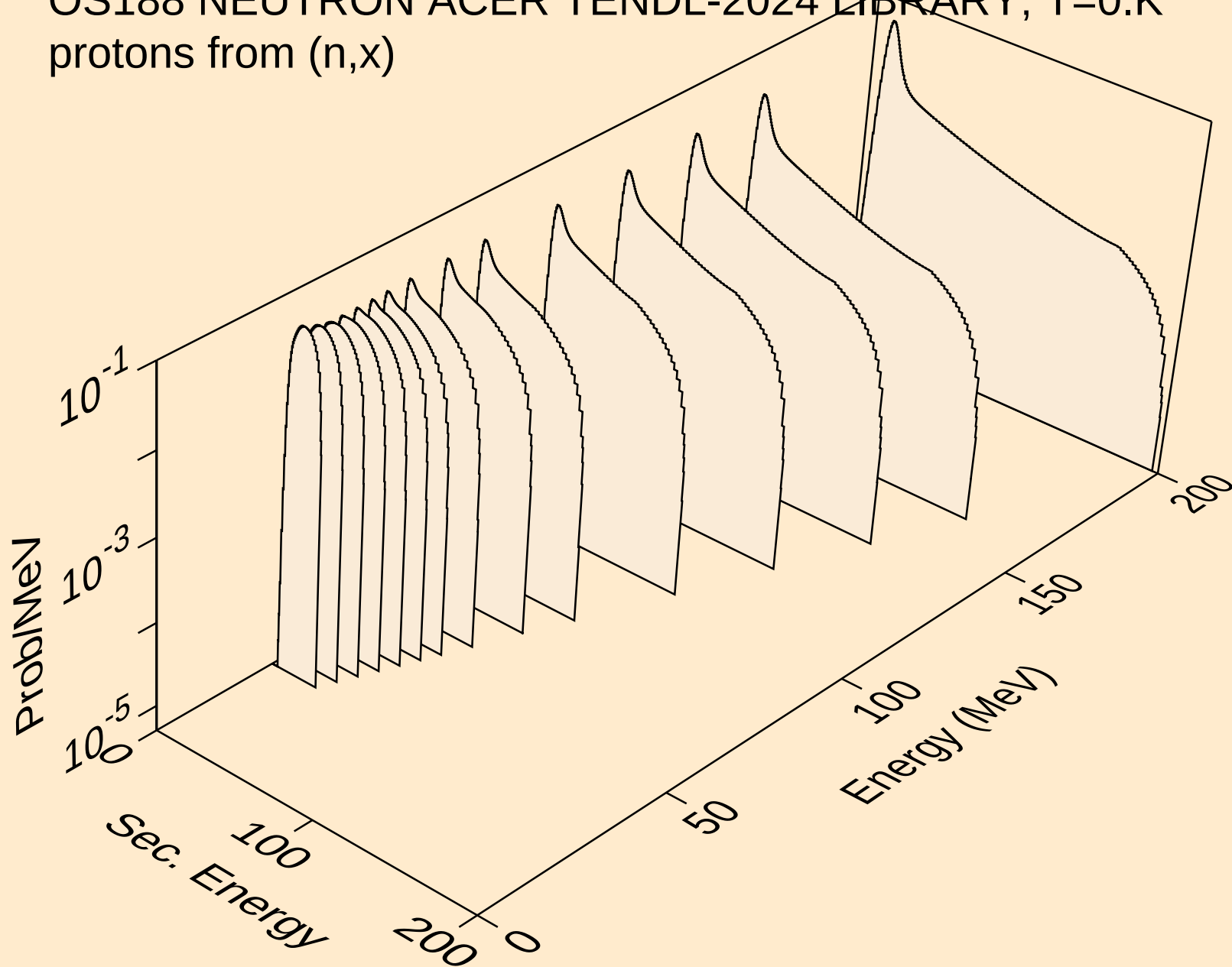
## Recoil Heating



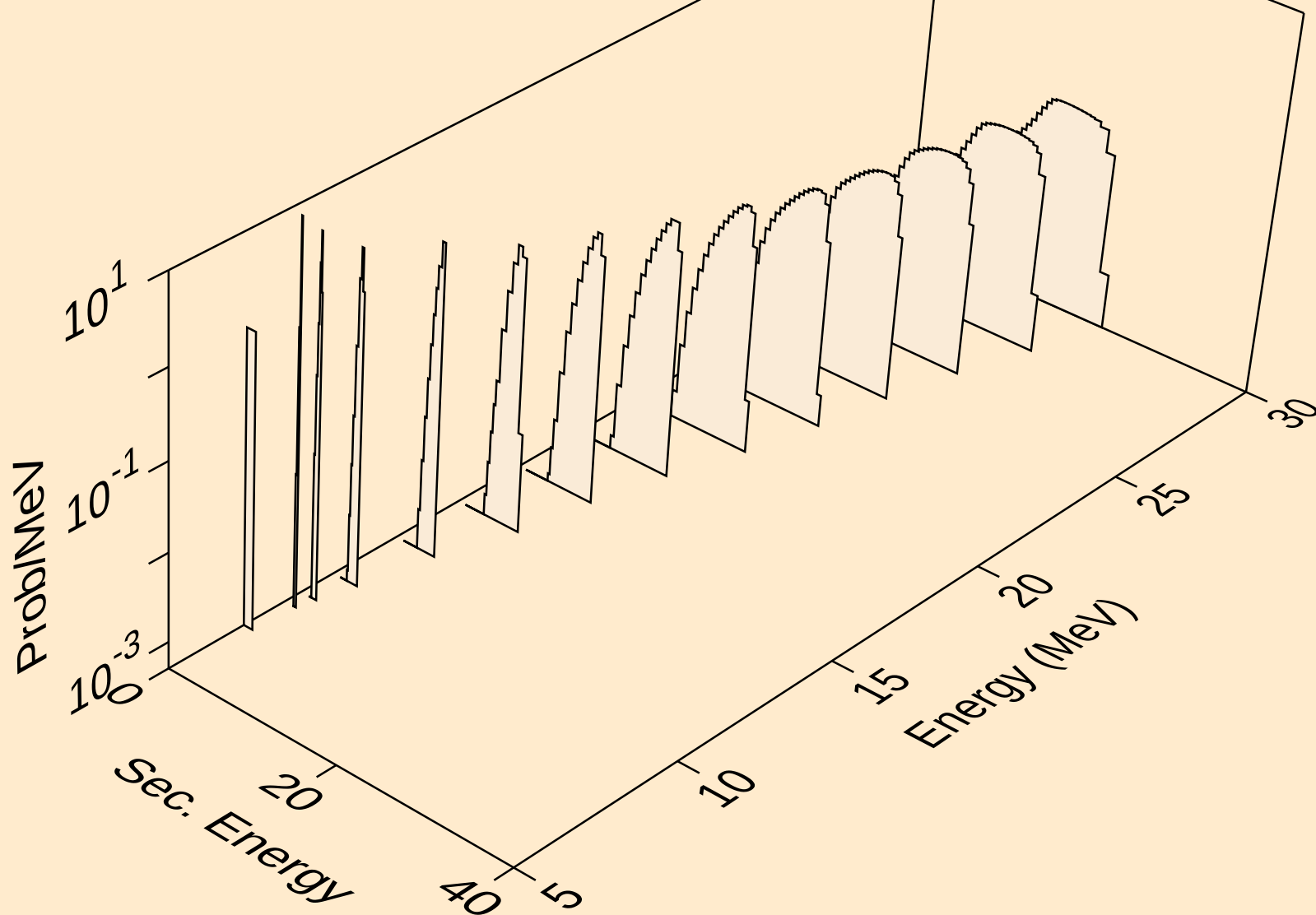
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



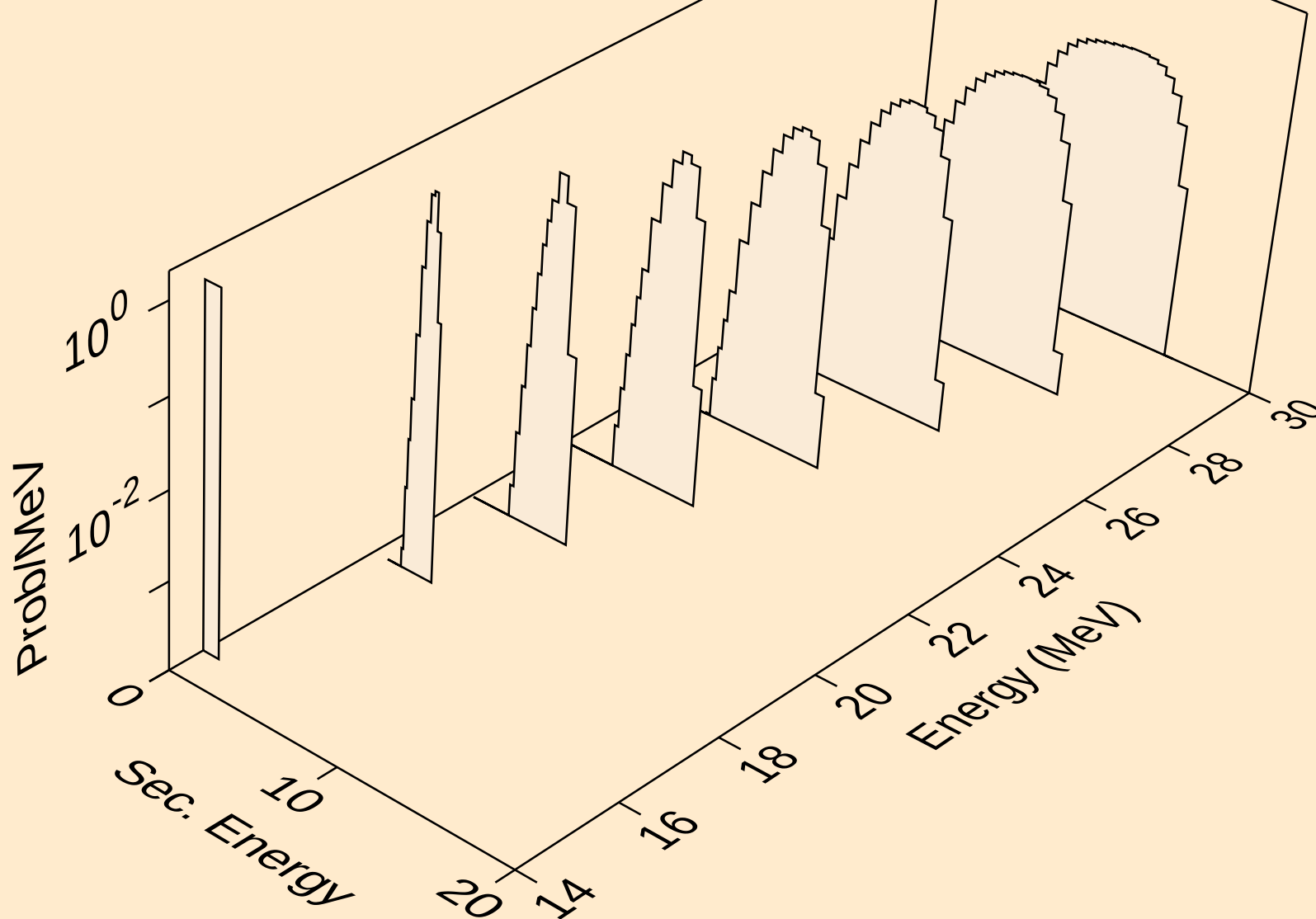
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



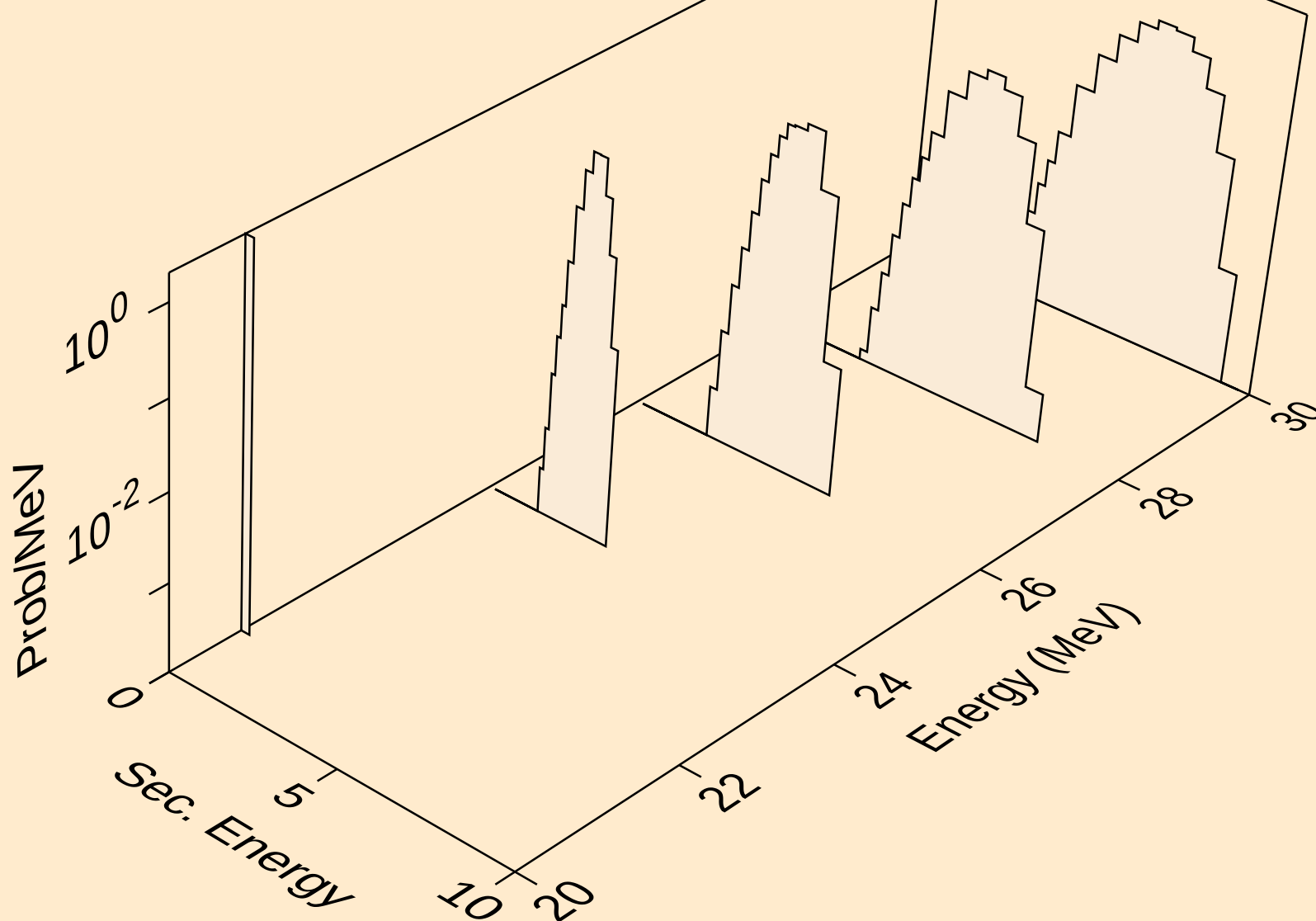
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



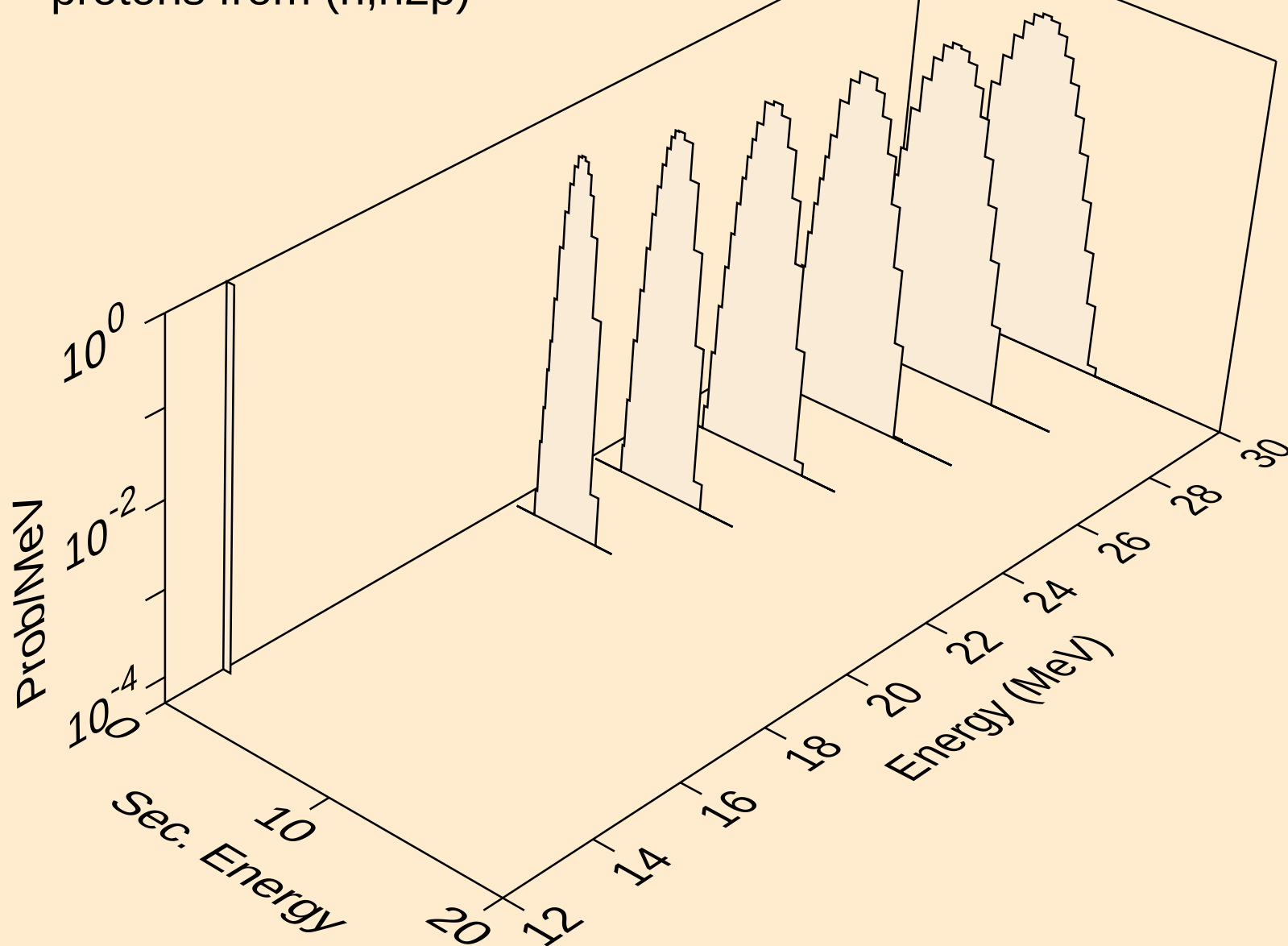
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



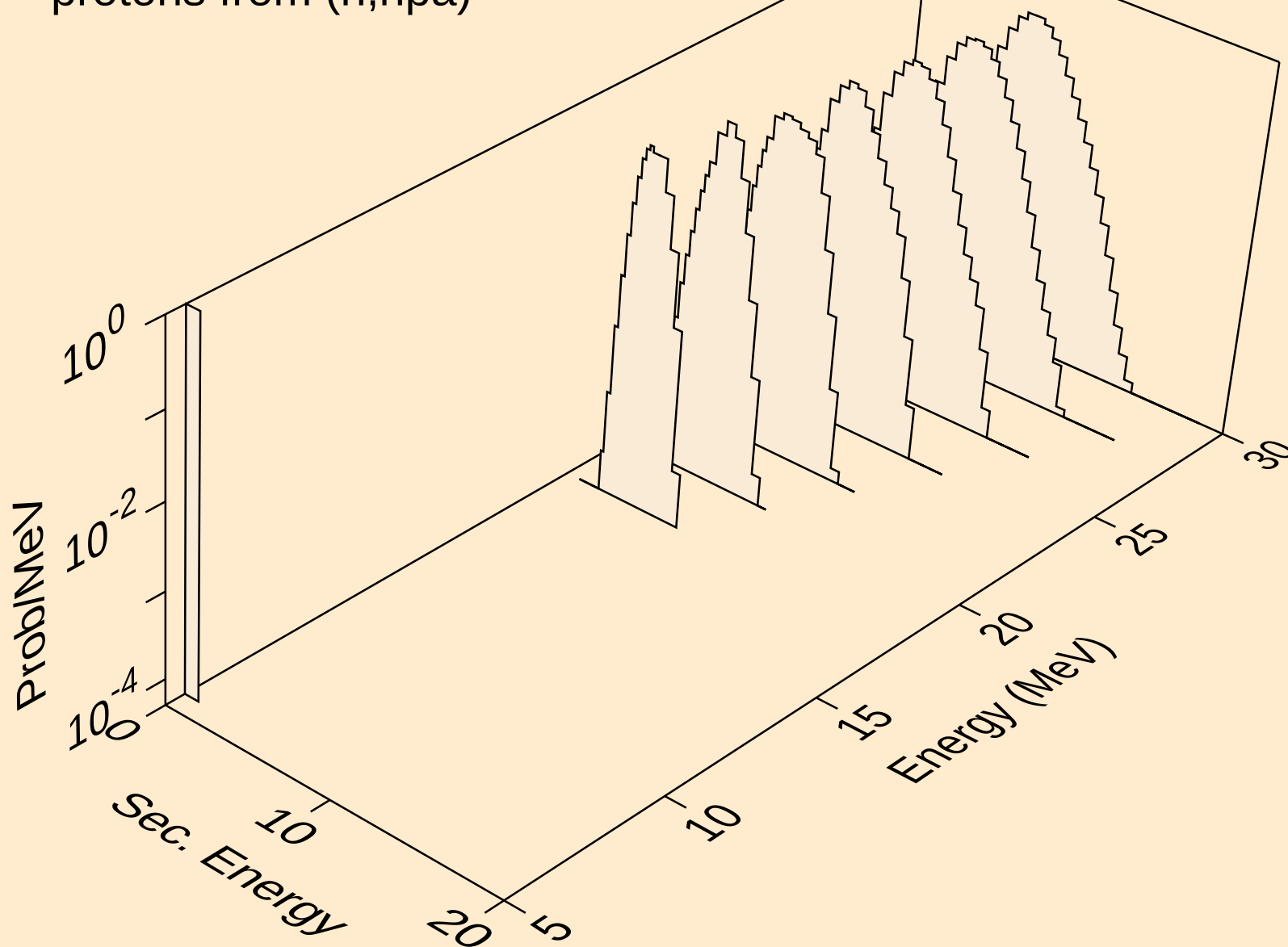
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protons from (n,3np)



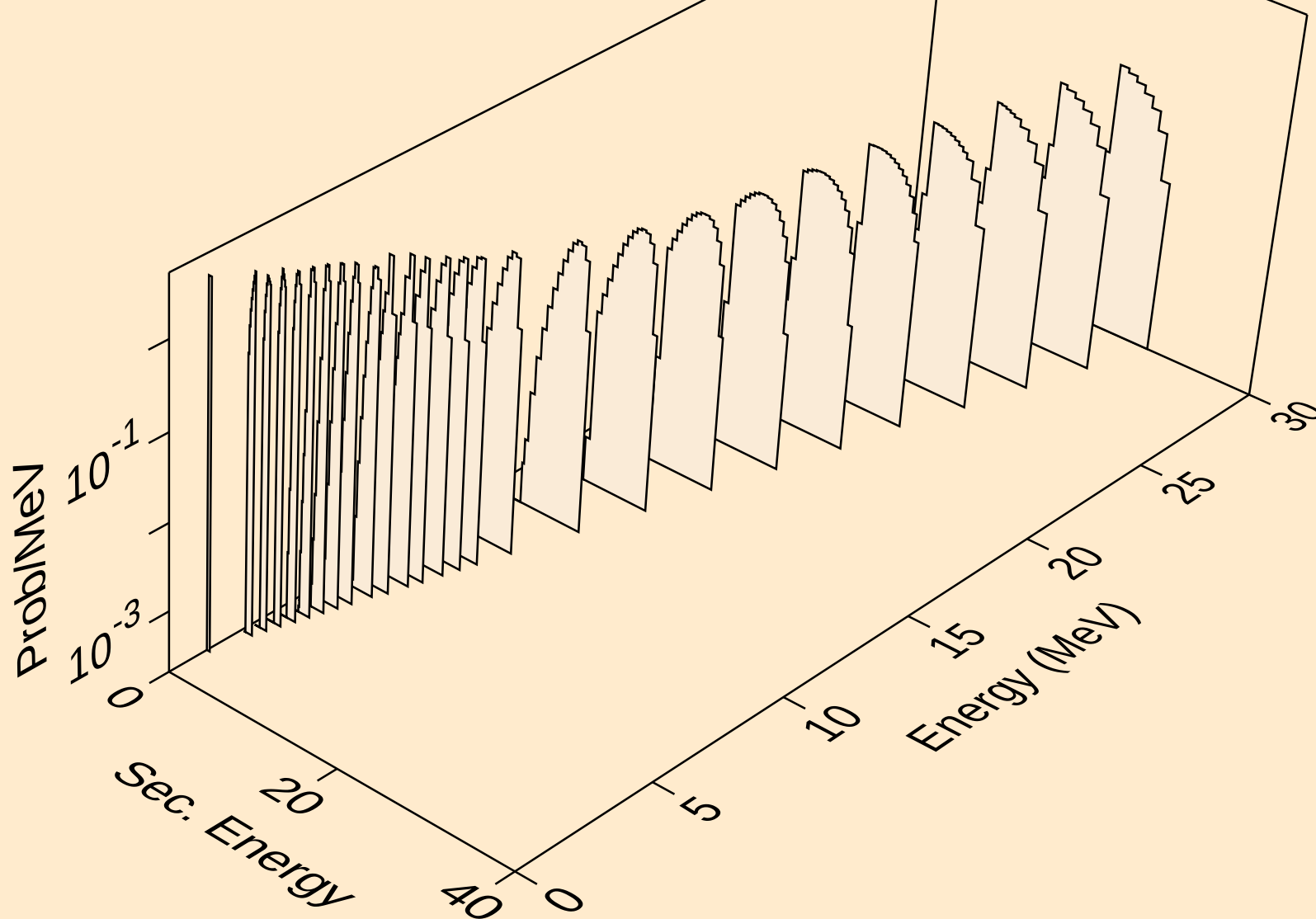
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protons from (n,n2p)



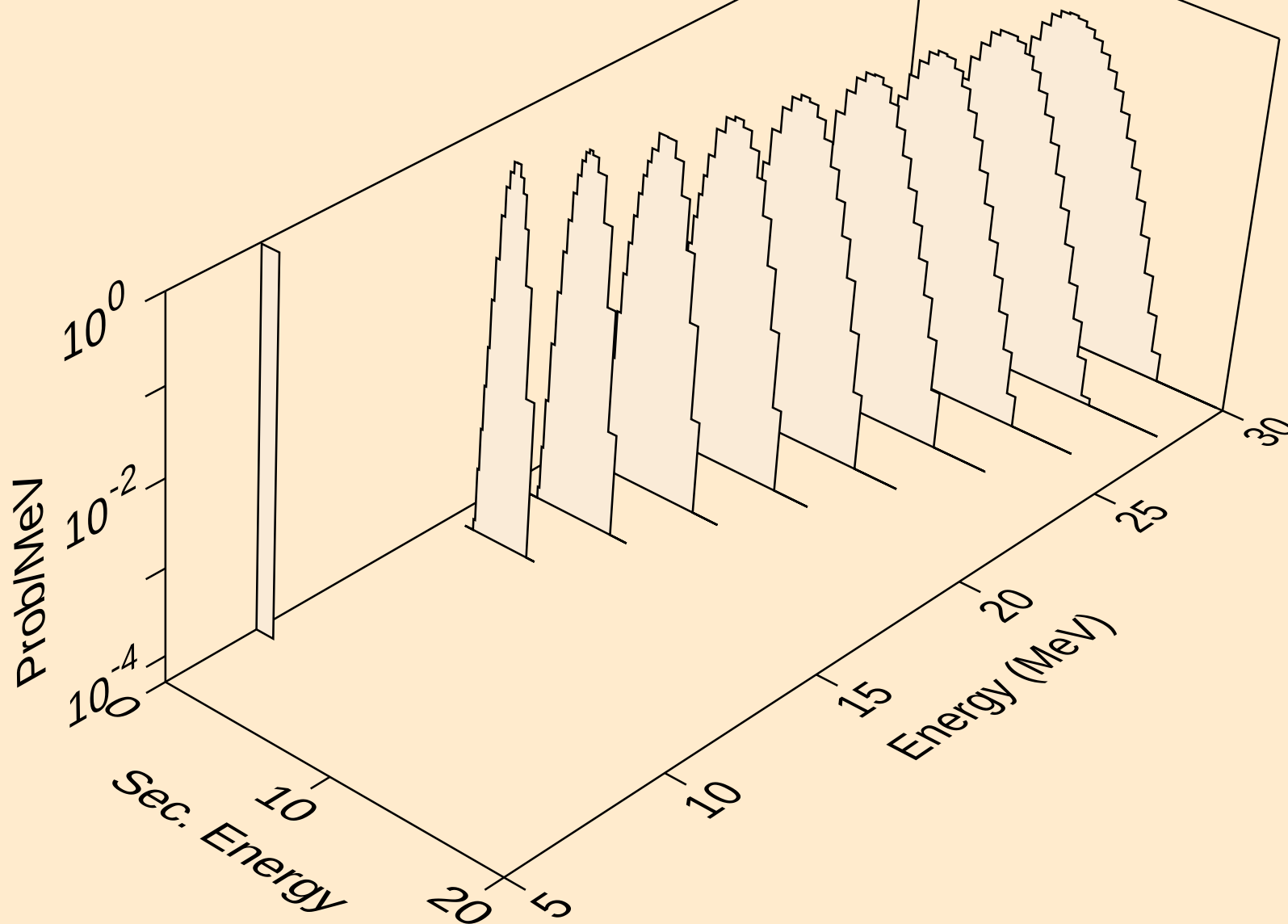
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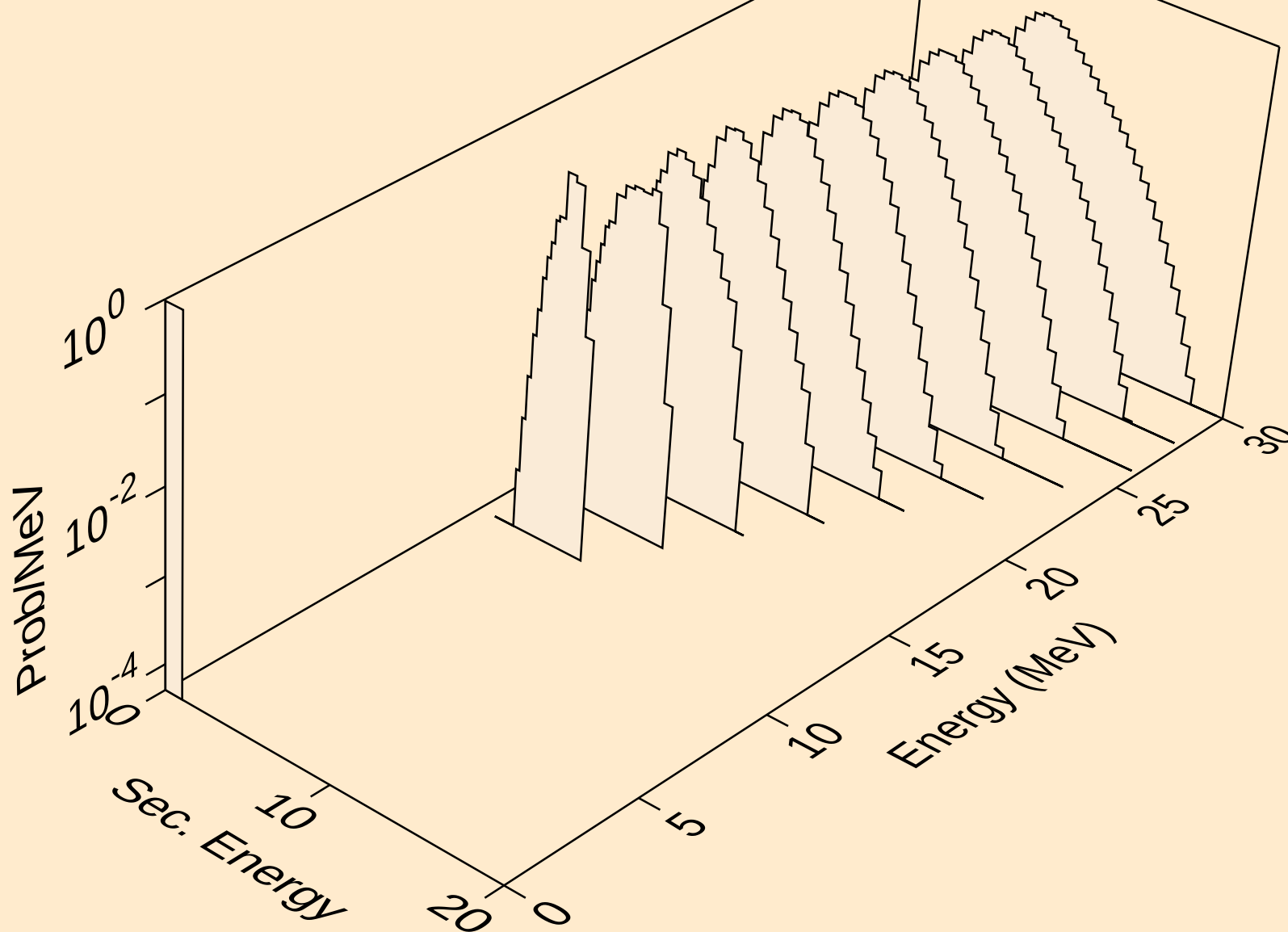
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protons from (n,p)



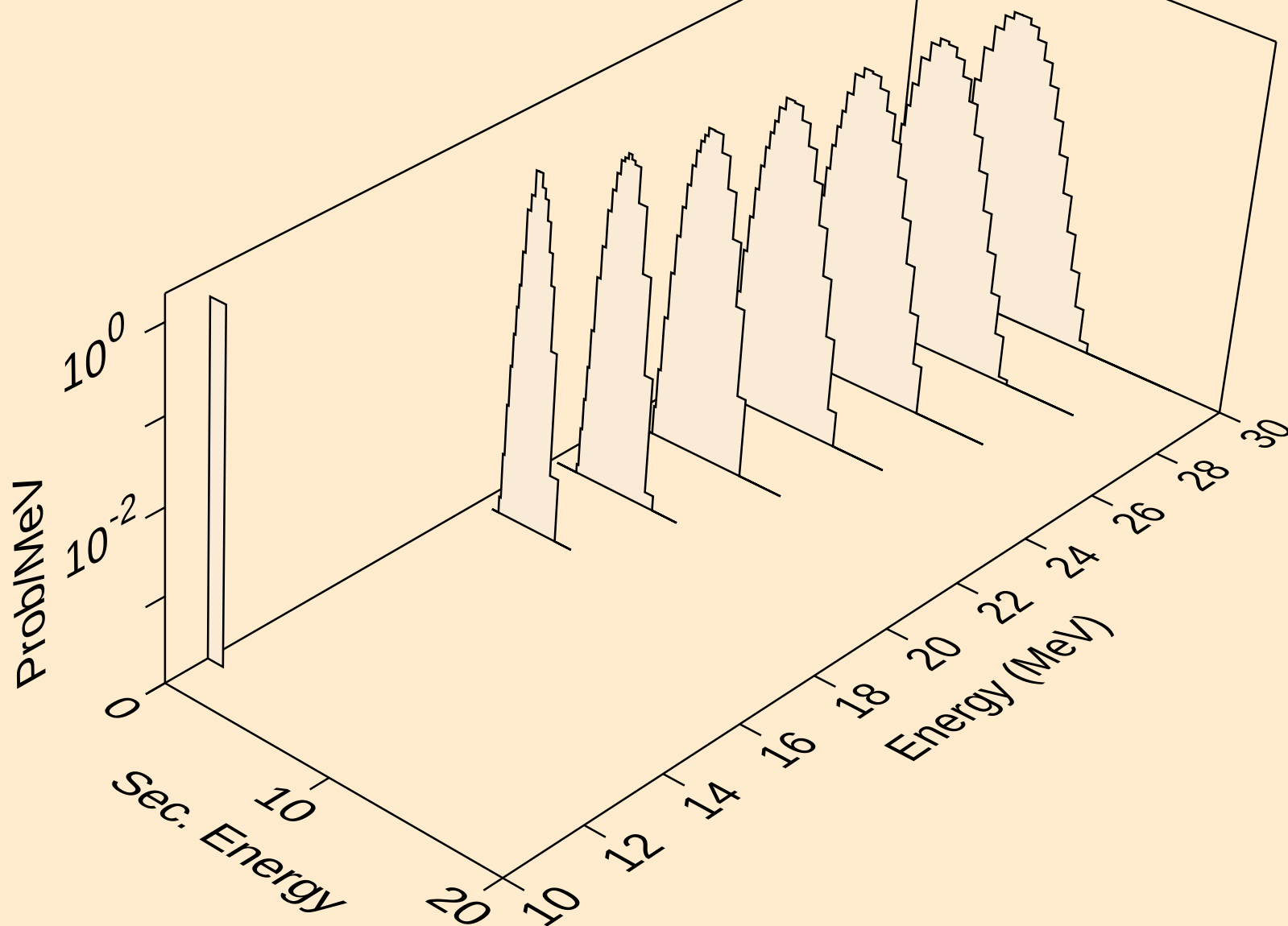
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protons from (n,2p)



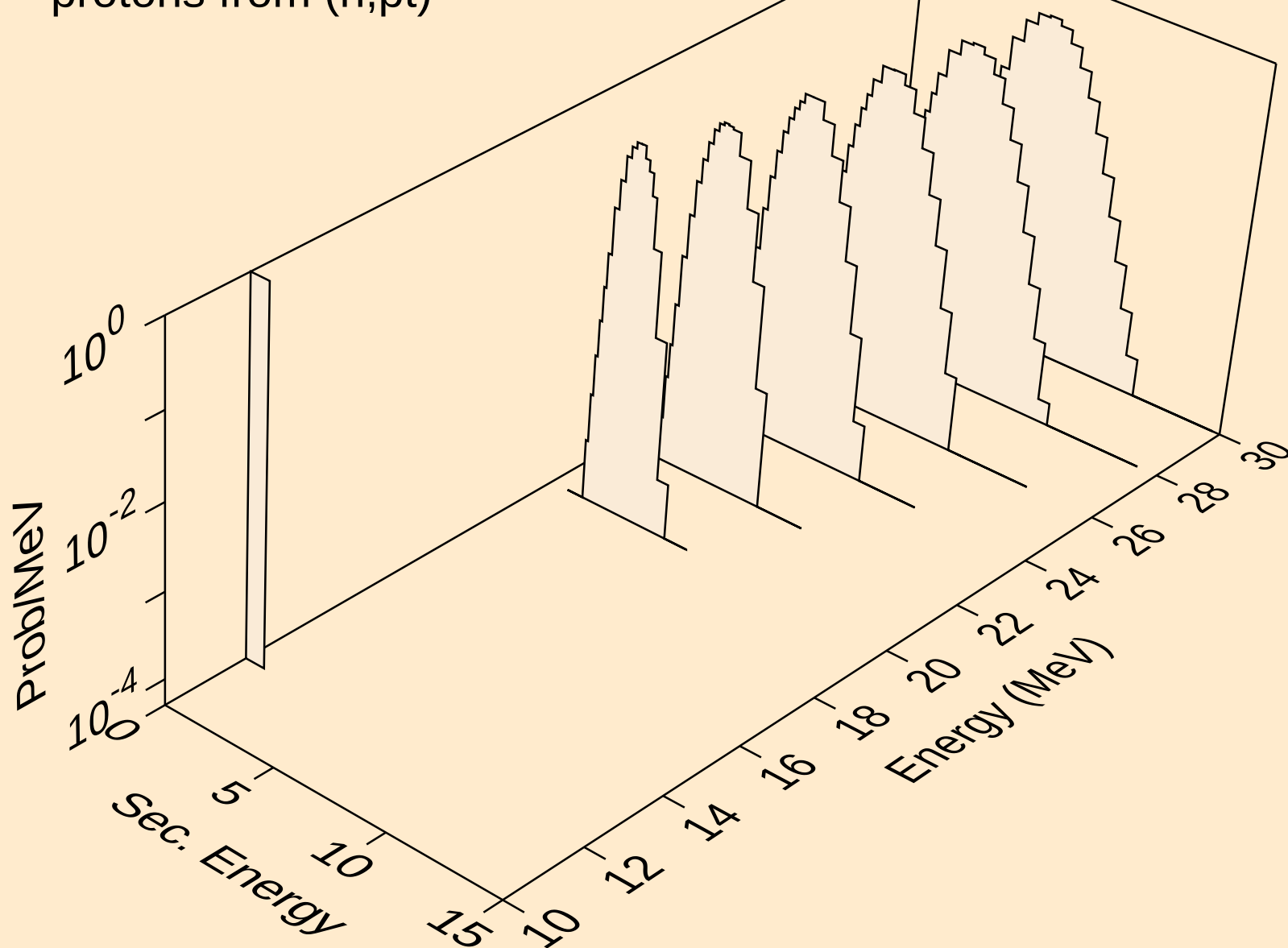
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protons from (n,p)



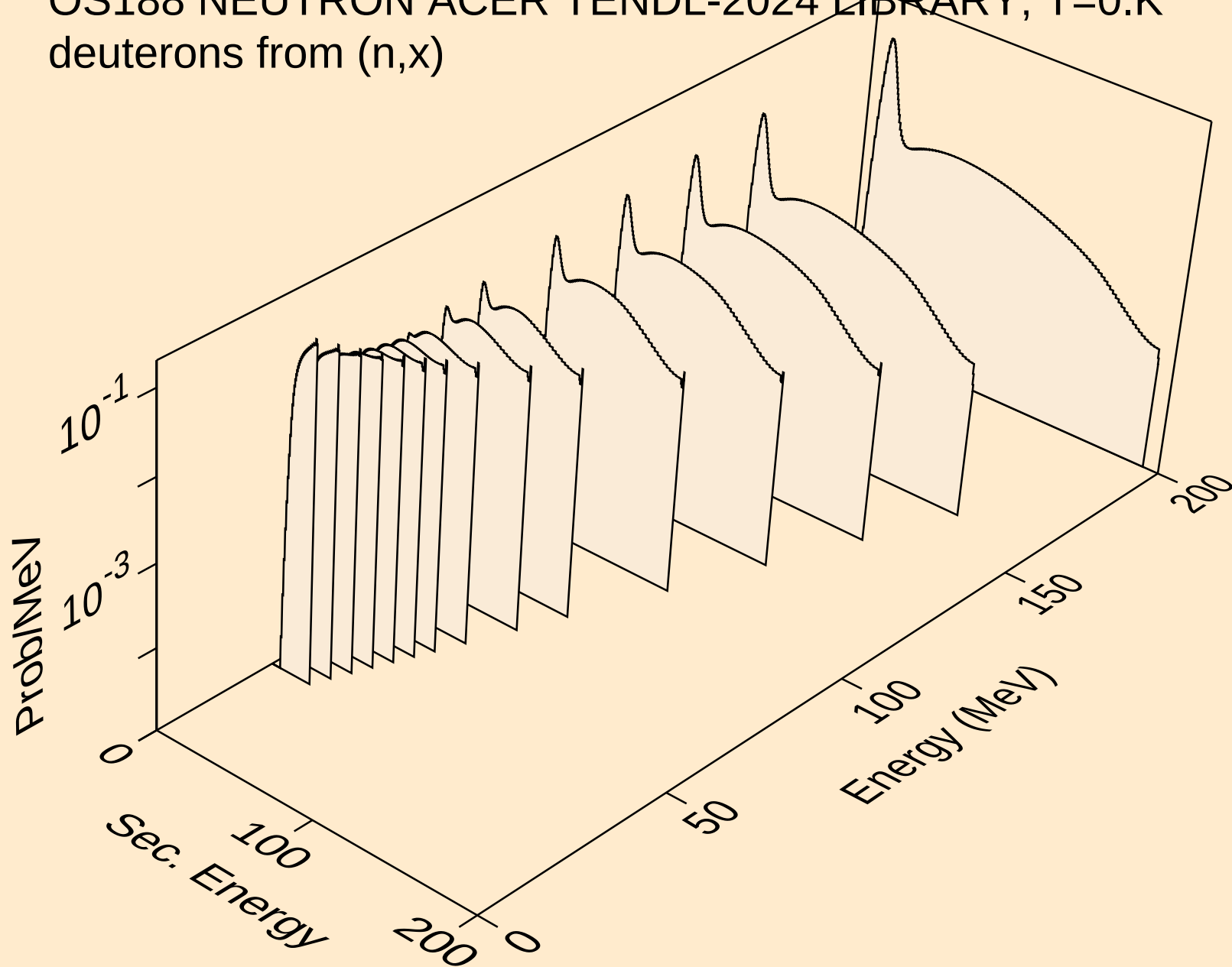
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protons from (n,pd)



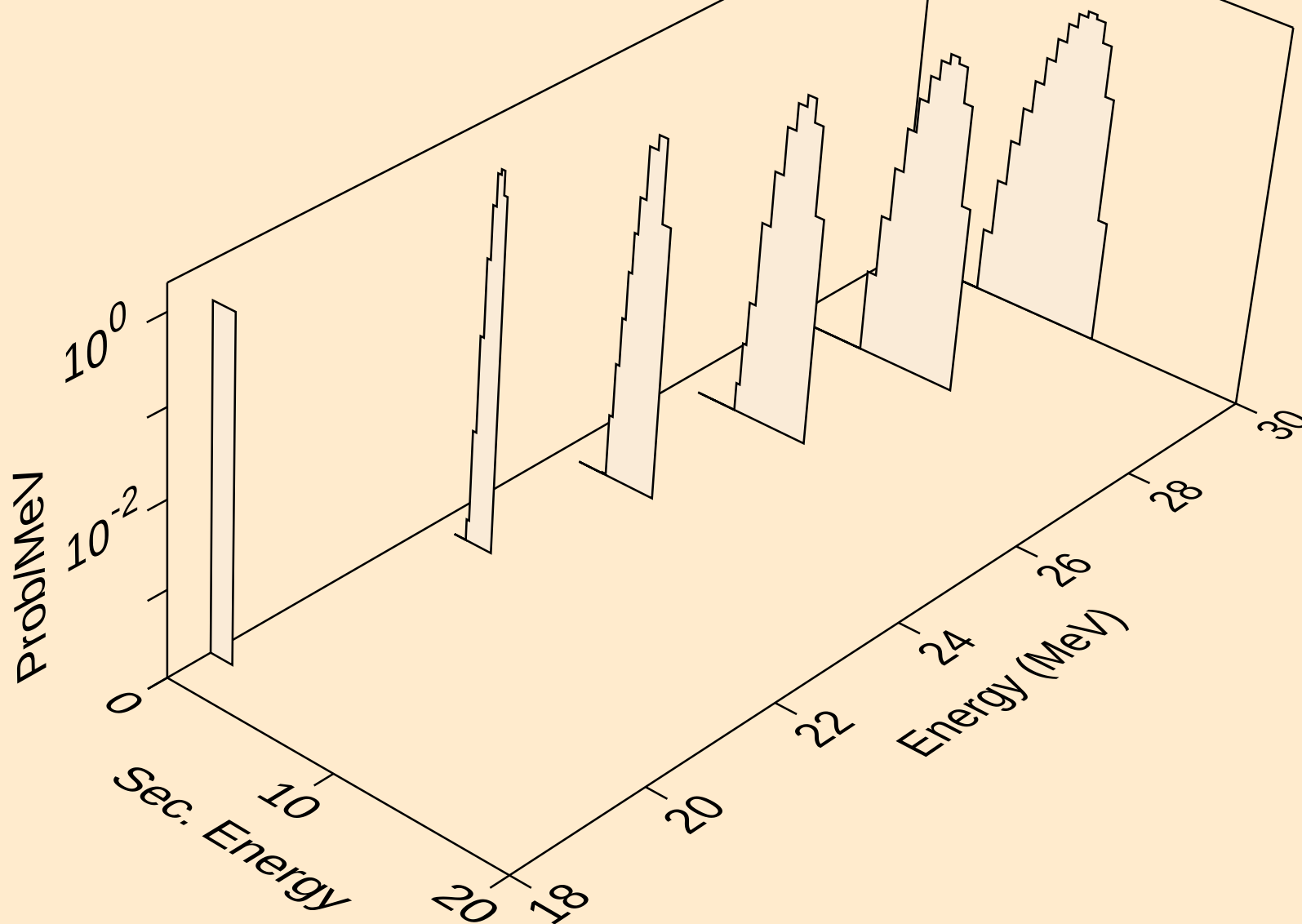
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protons from (n,pt)



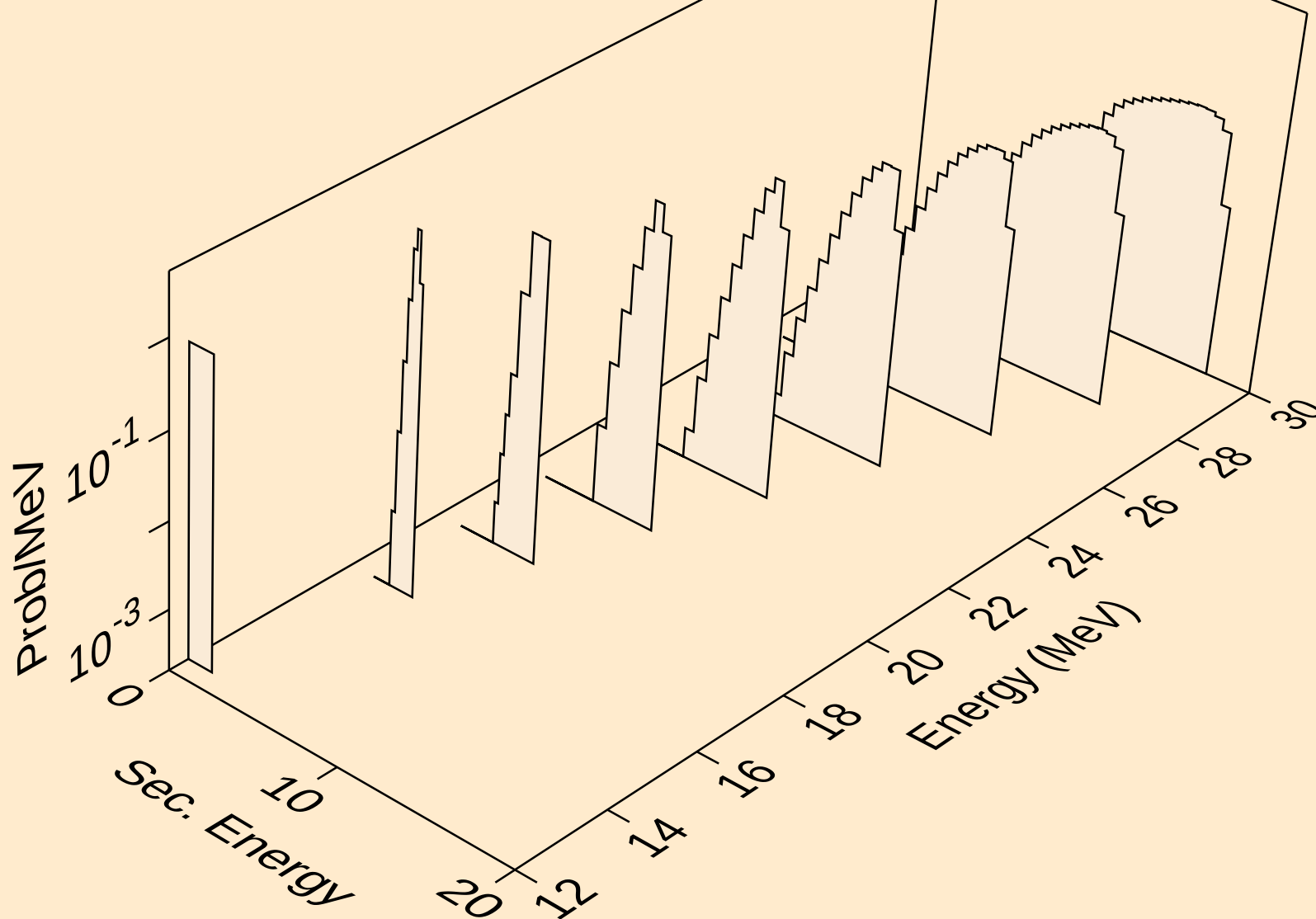
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deuterons from (n,x)



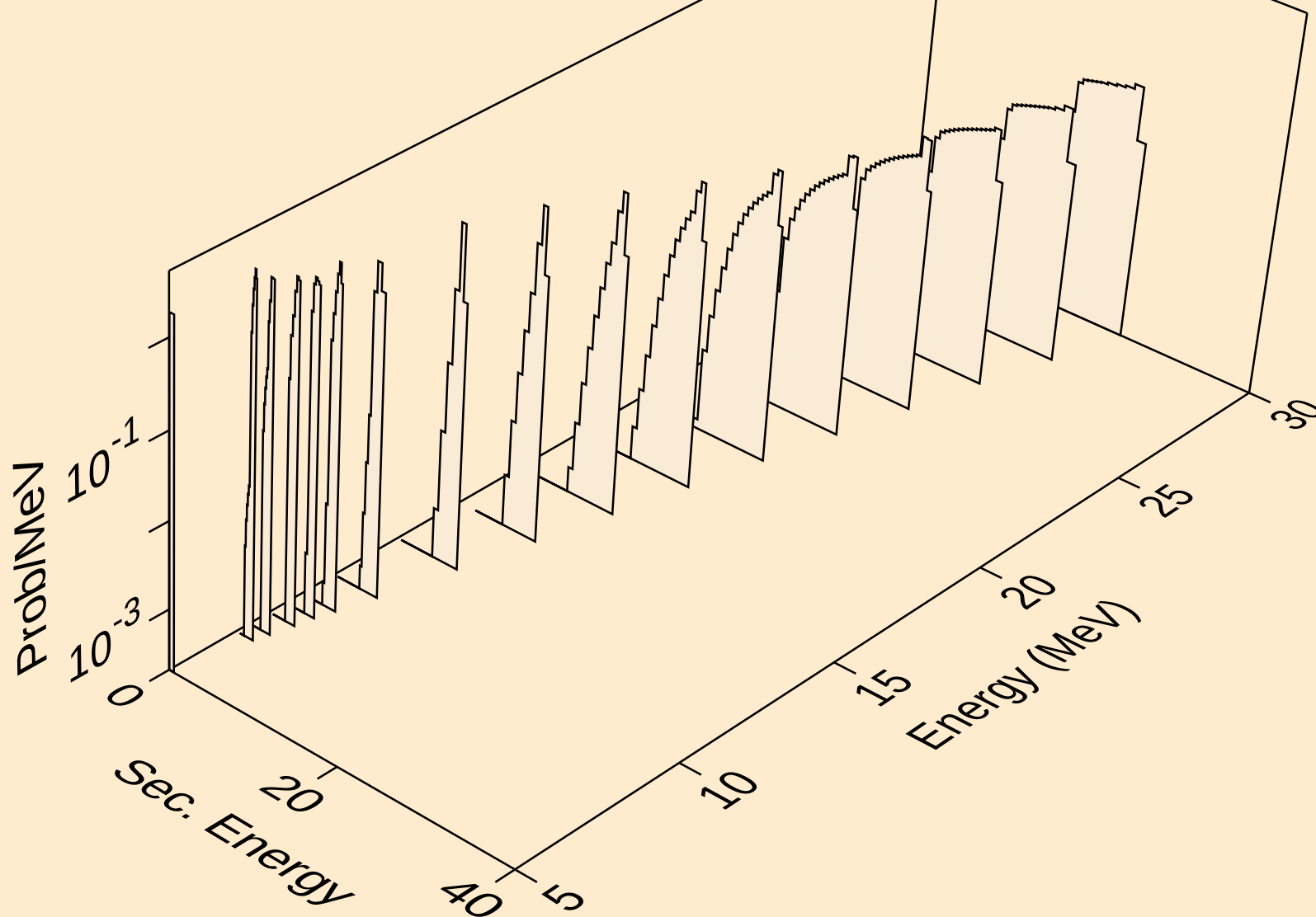
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deuterons from (n,2nd)



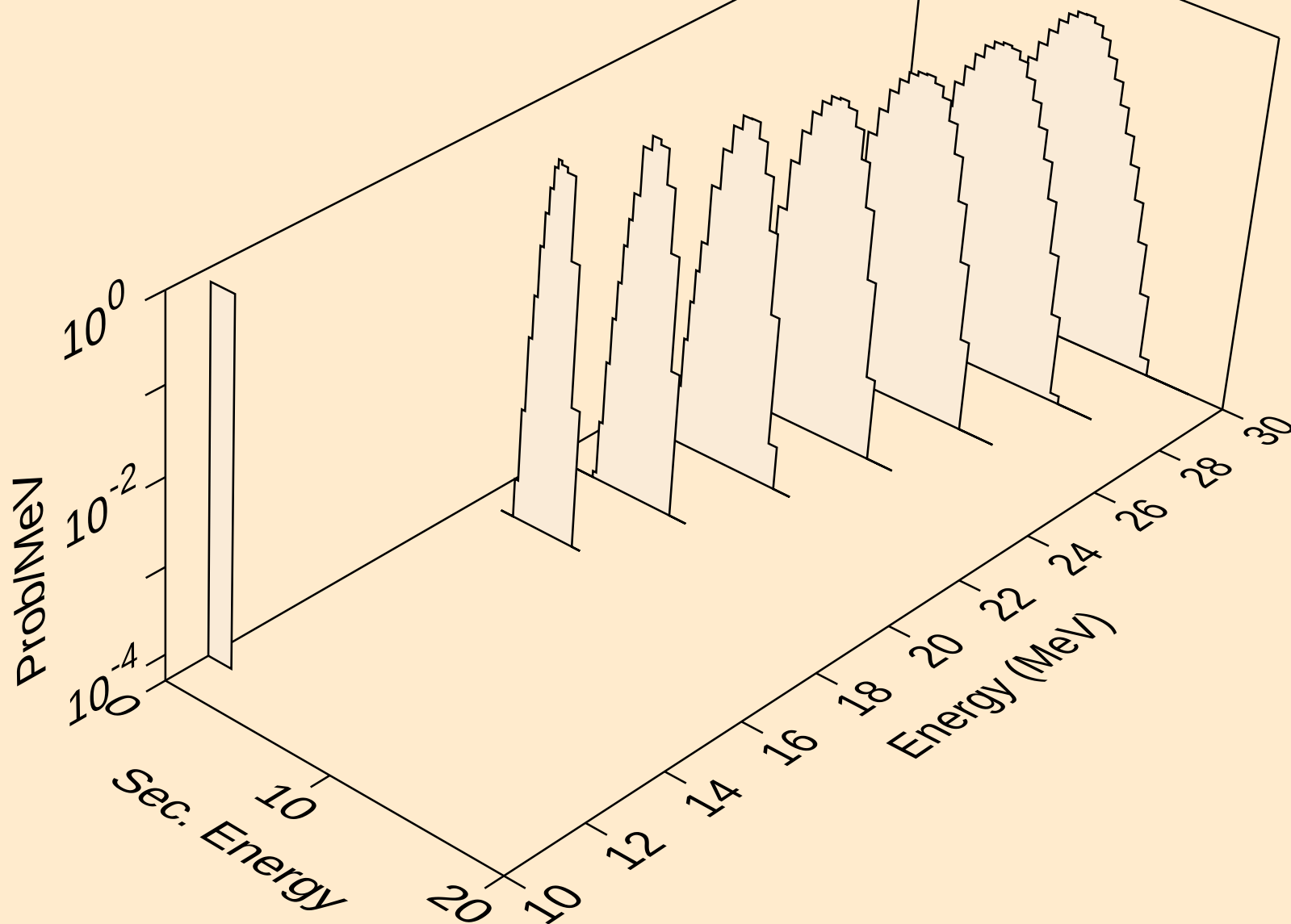
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deuterons from (n,n\*)d



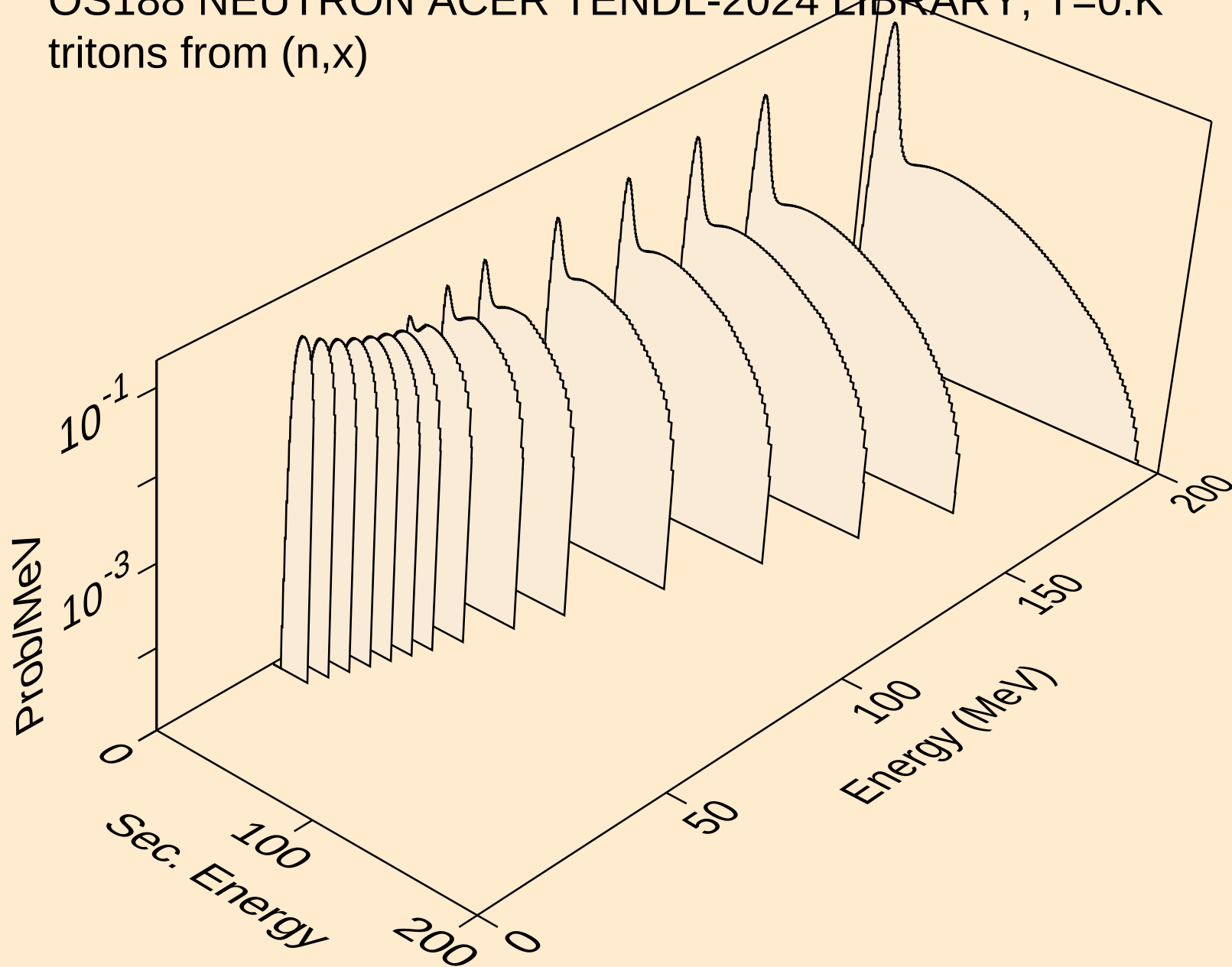
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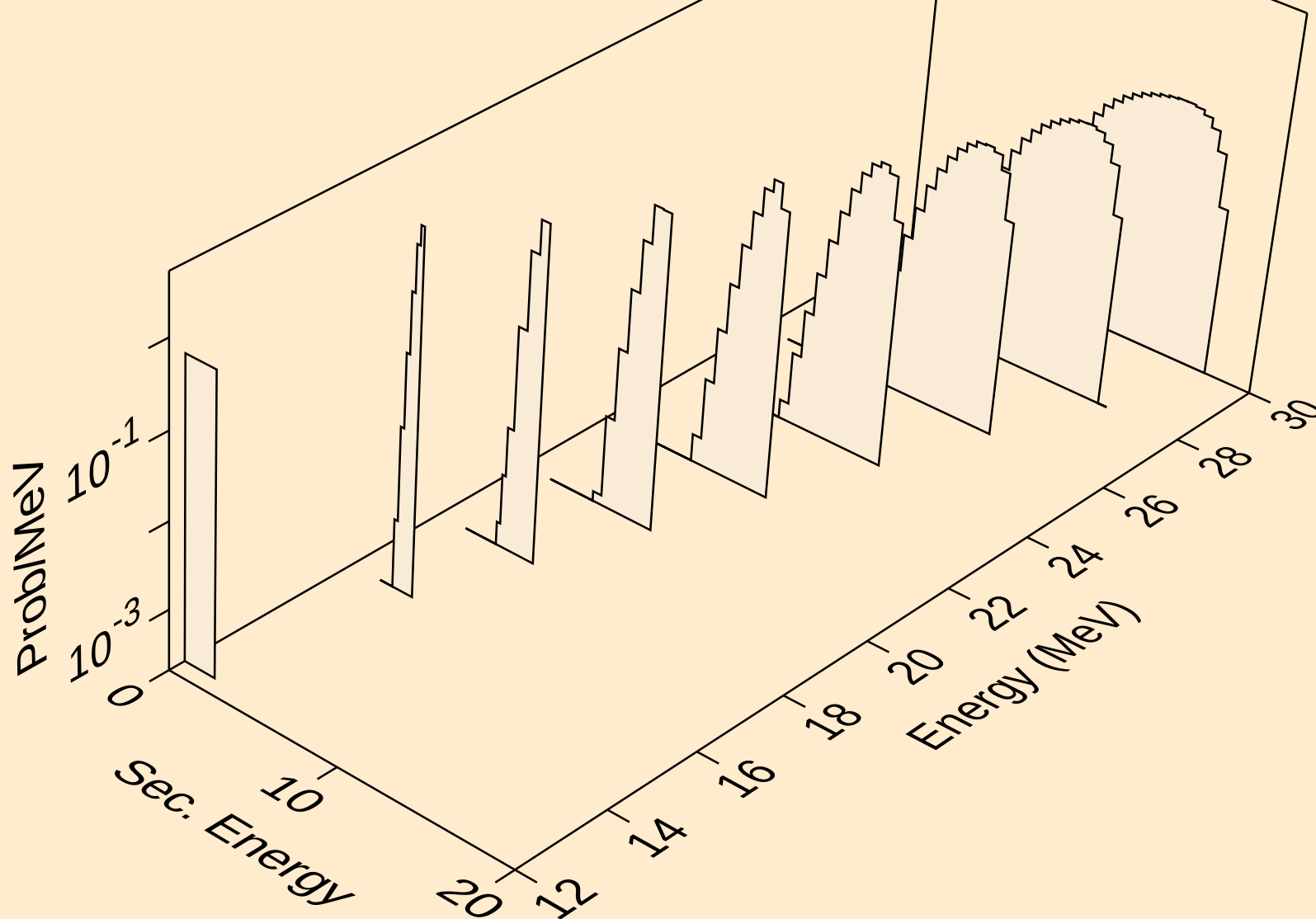
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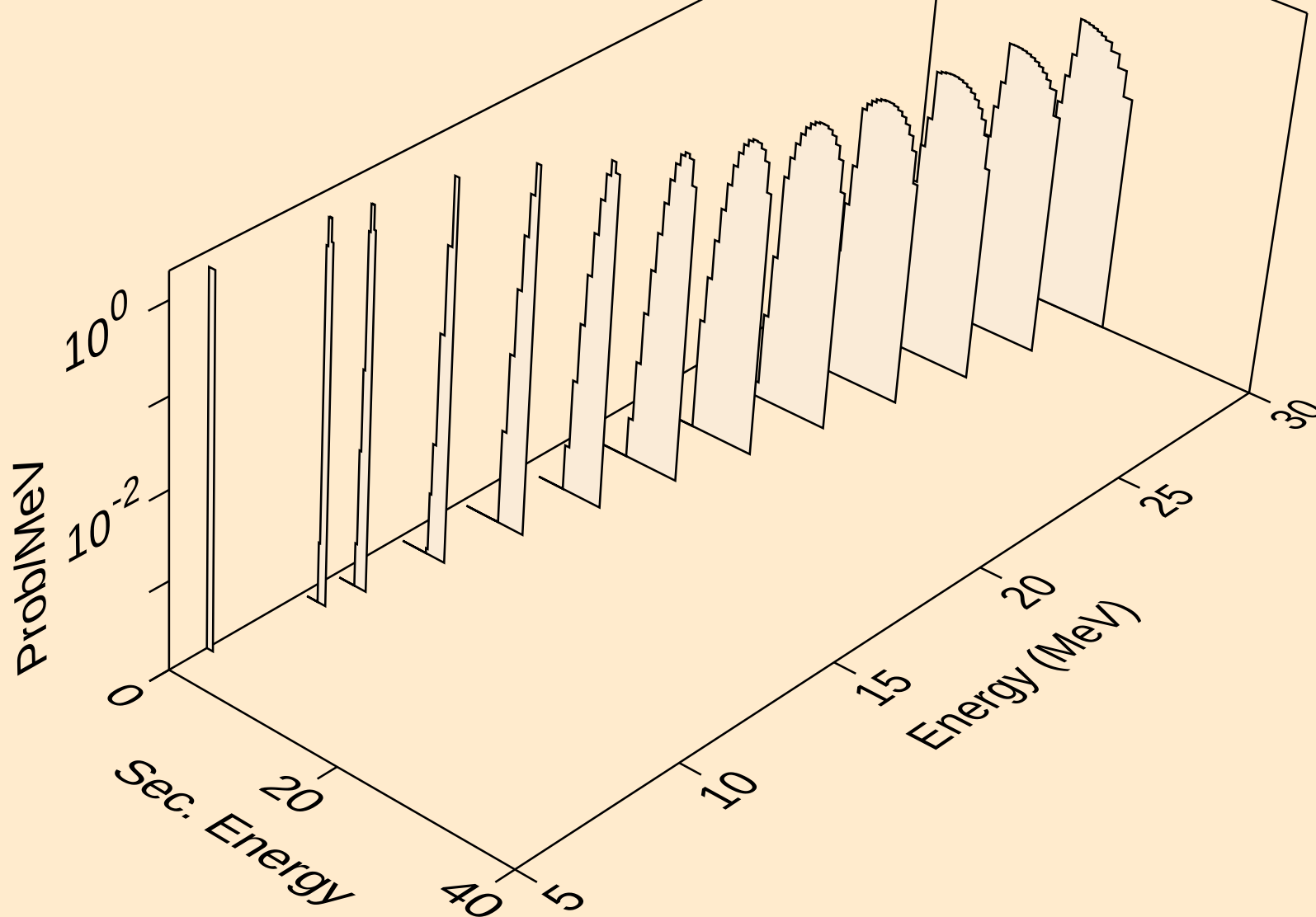
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tritons from (n,x)



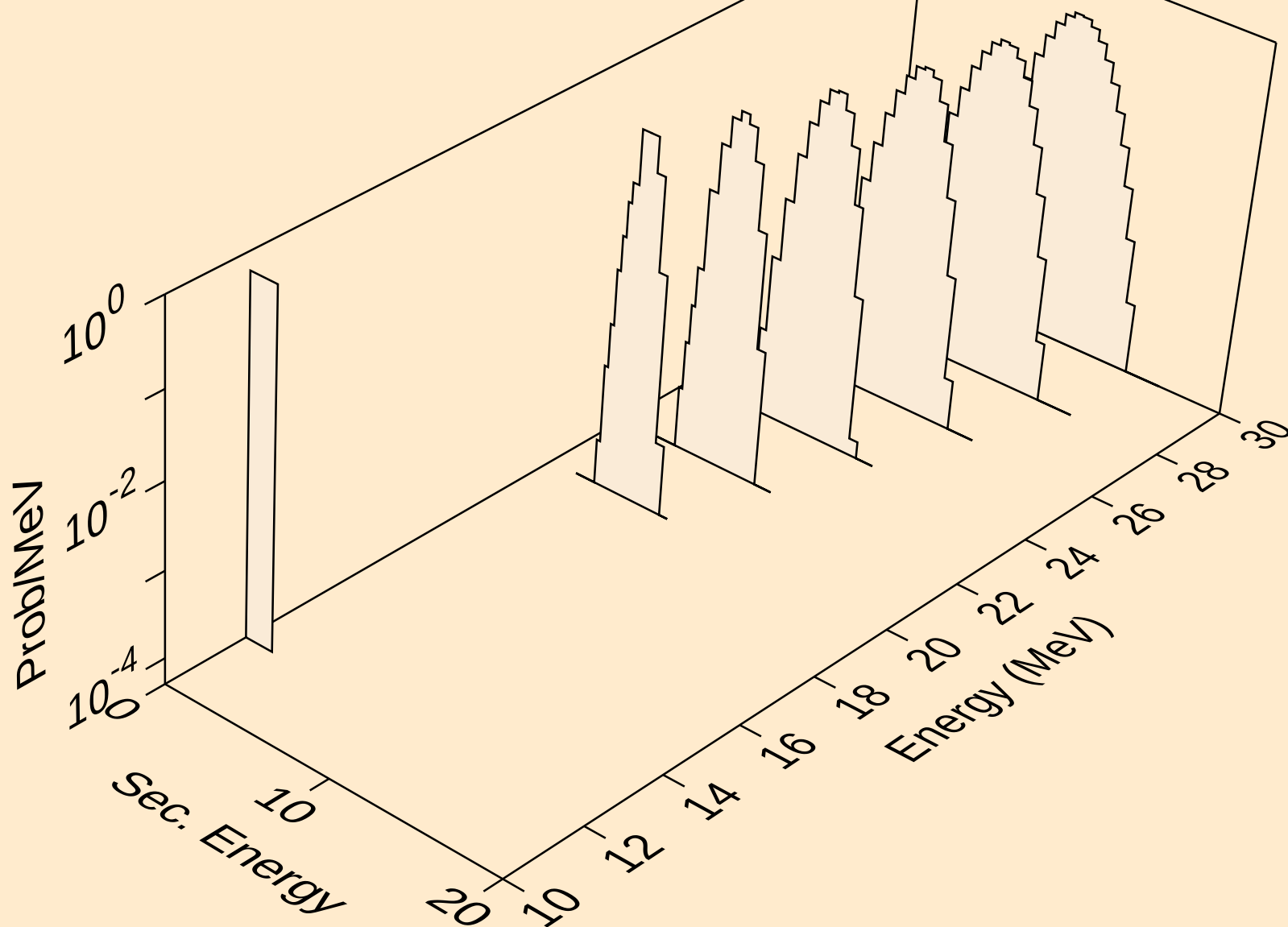
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tritons from (n,n\*)t



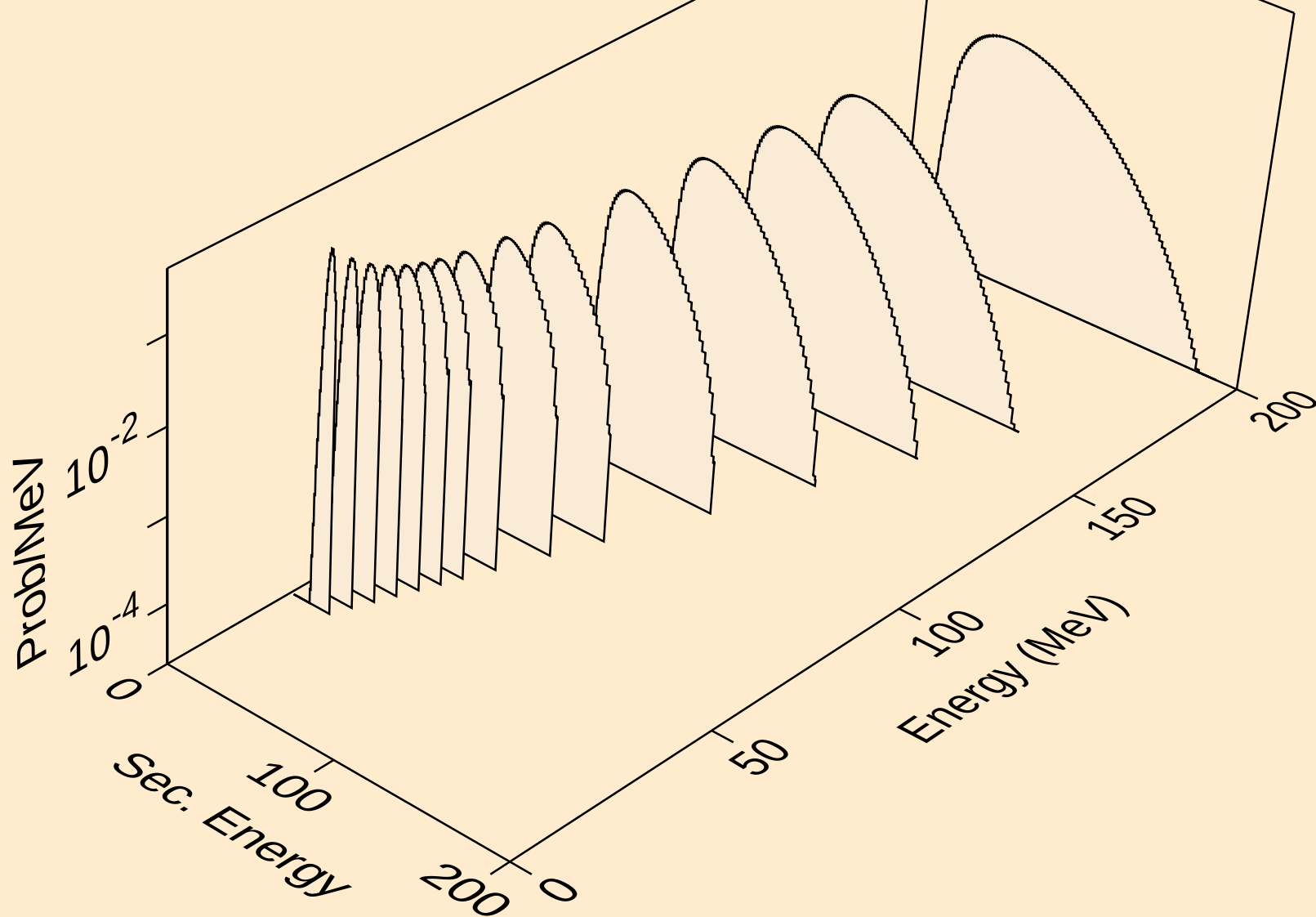
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



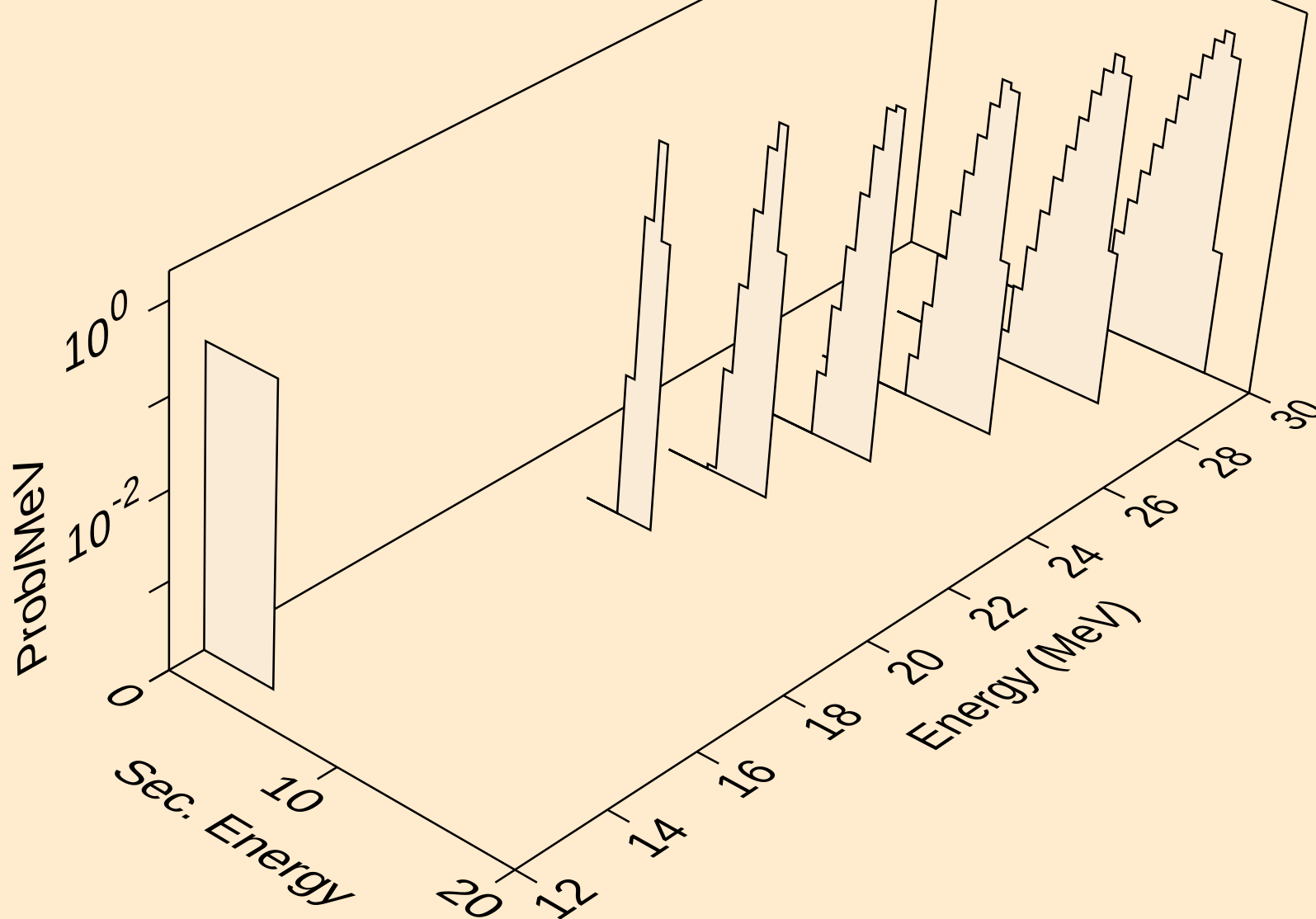
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tritons from (n,pt)



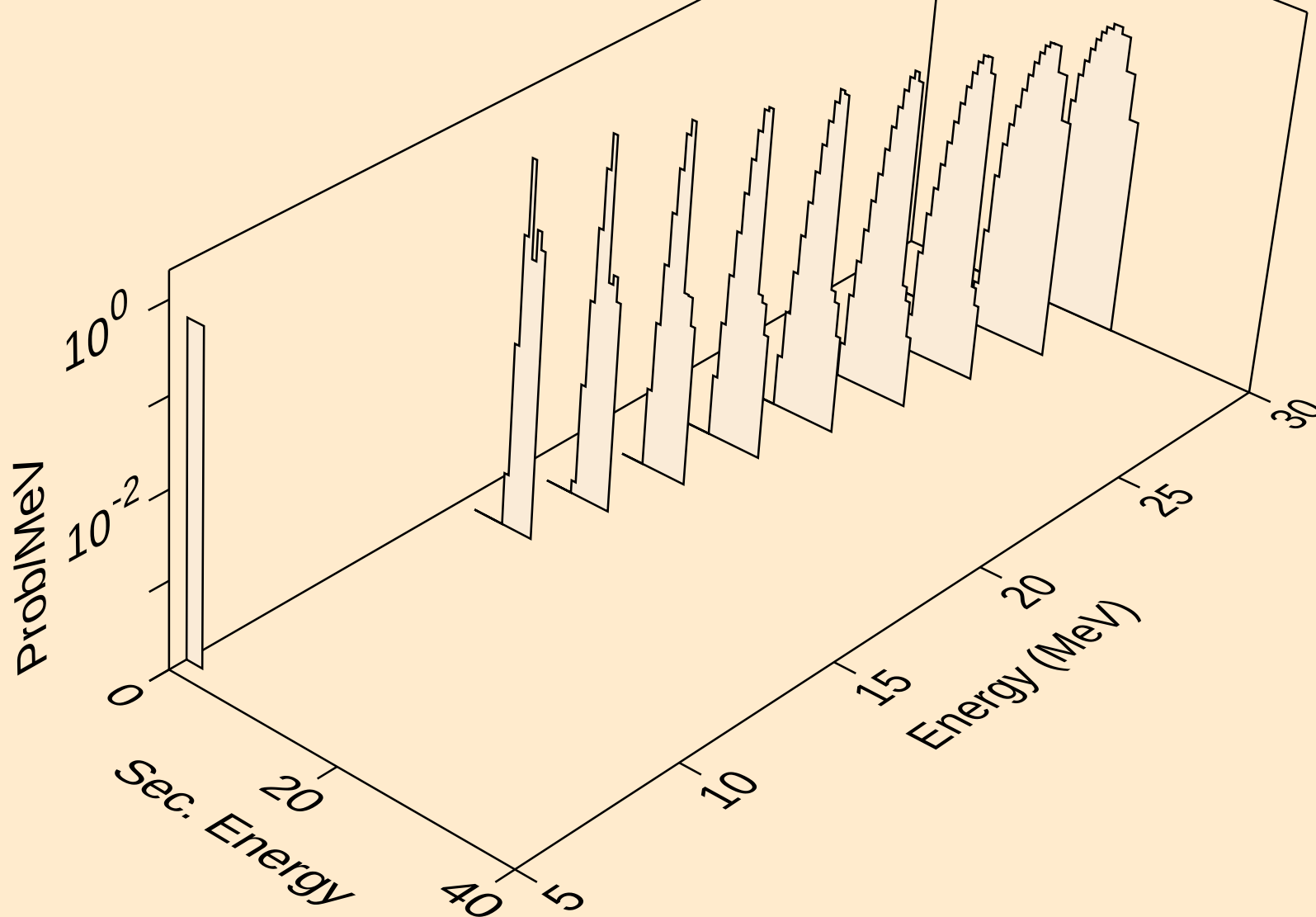
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



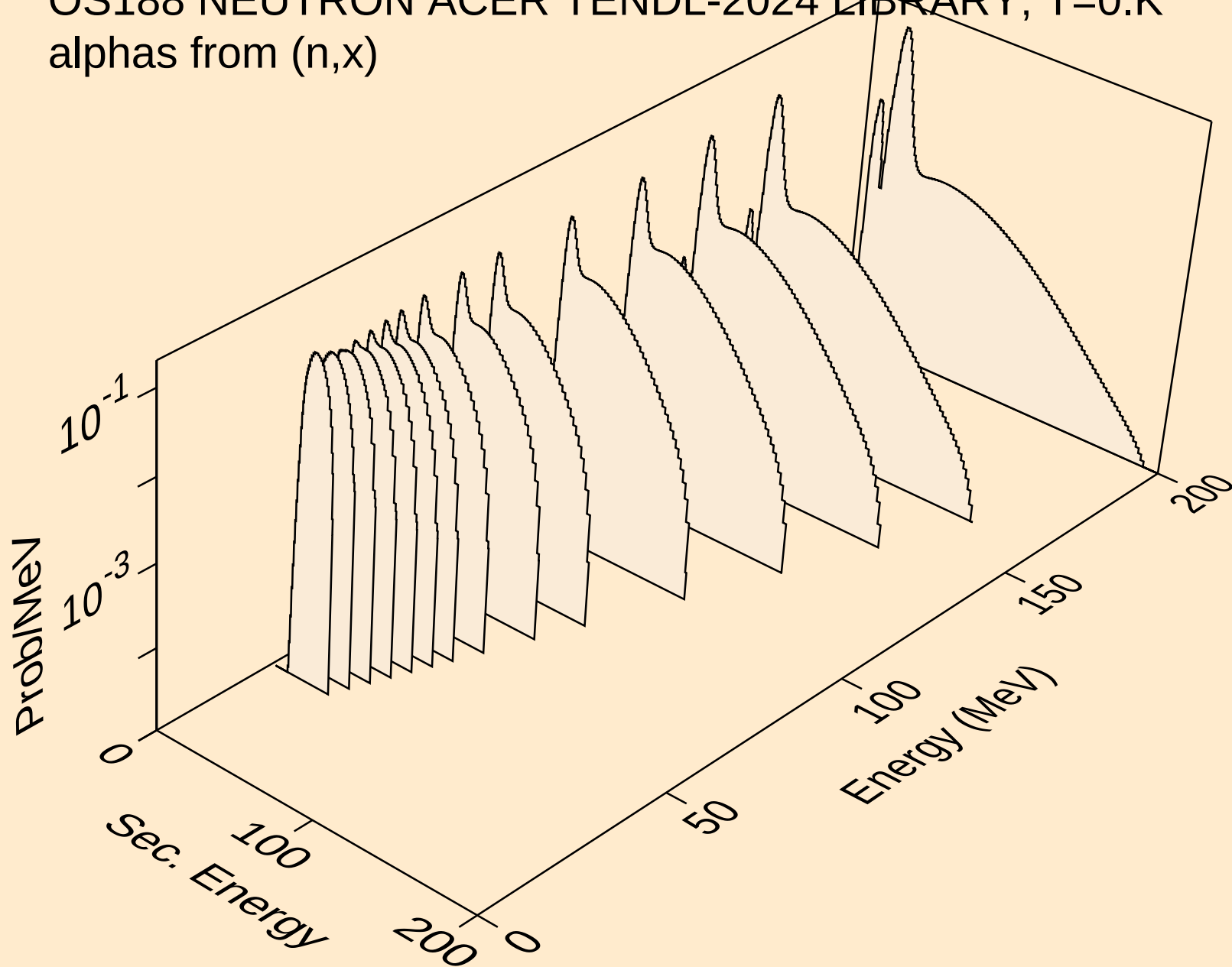
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he3s from (n,n\*)he3



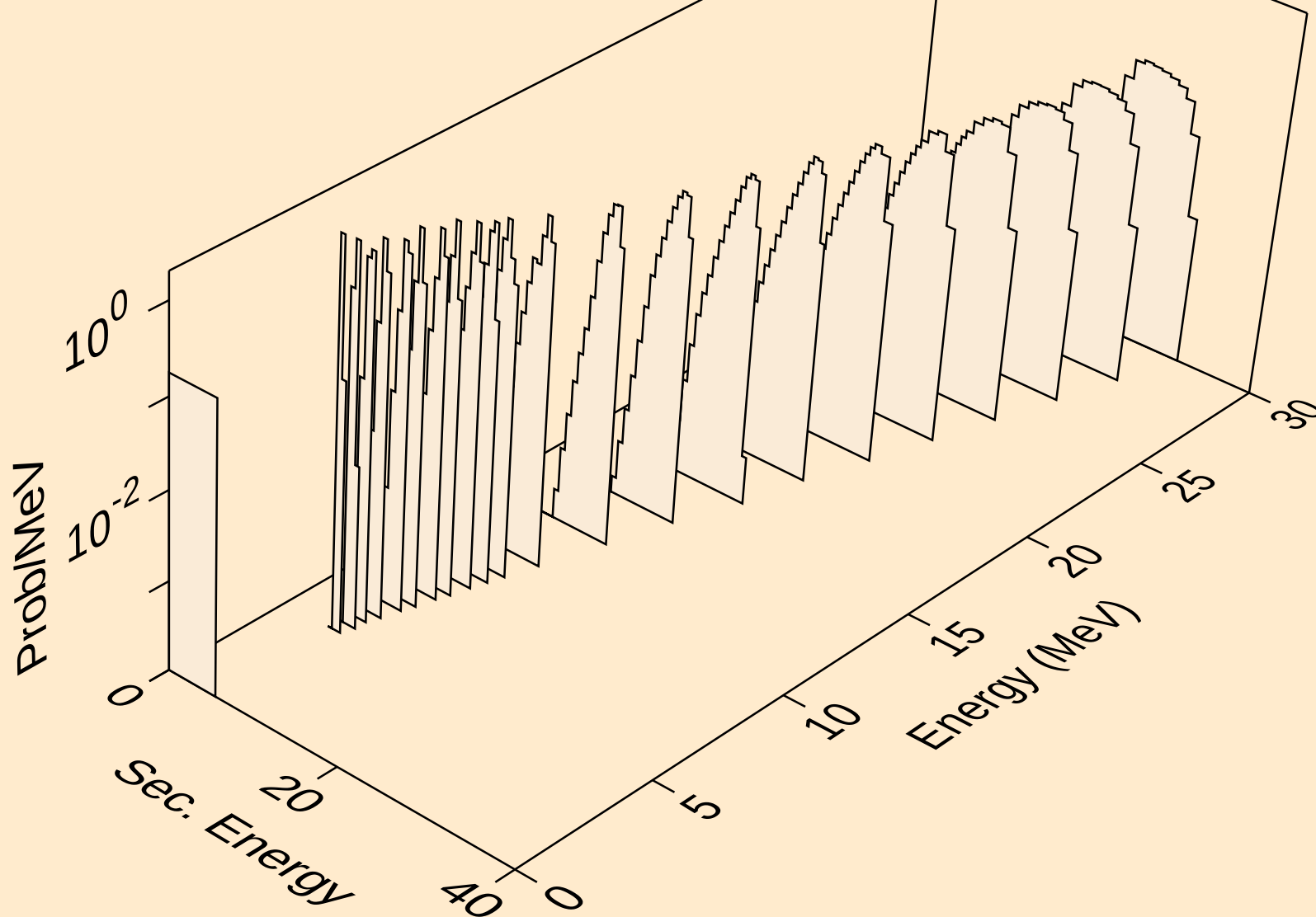
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he3s from (n,he3)



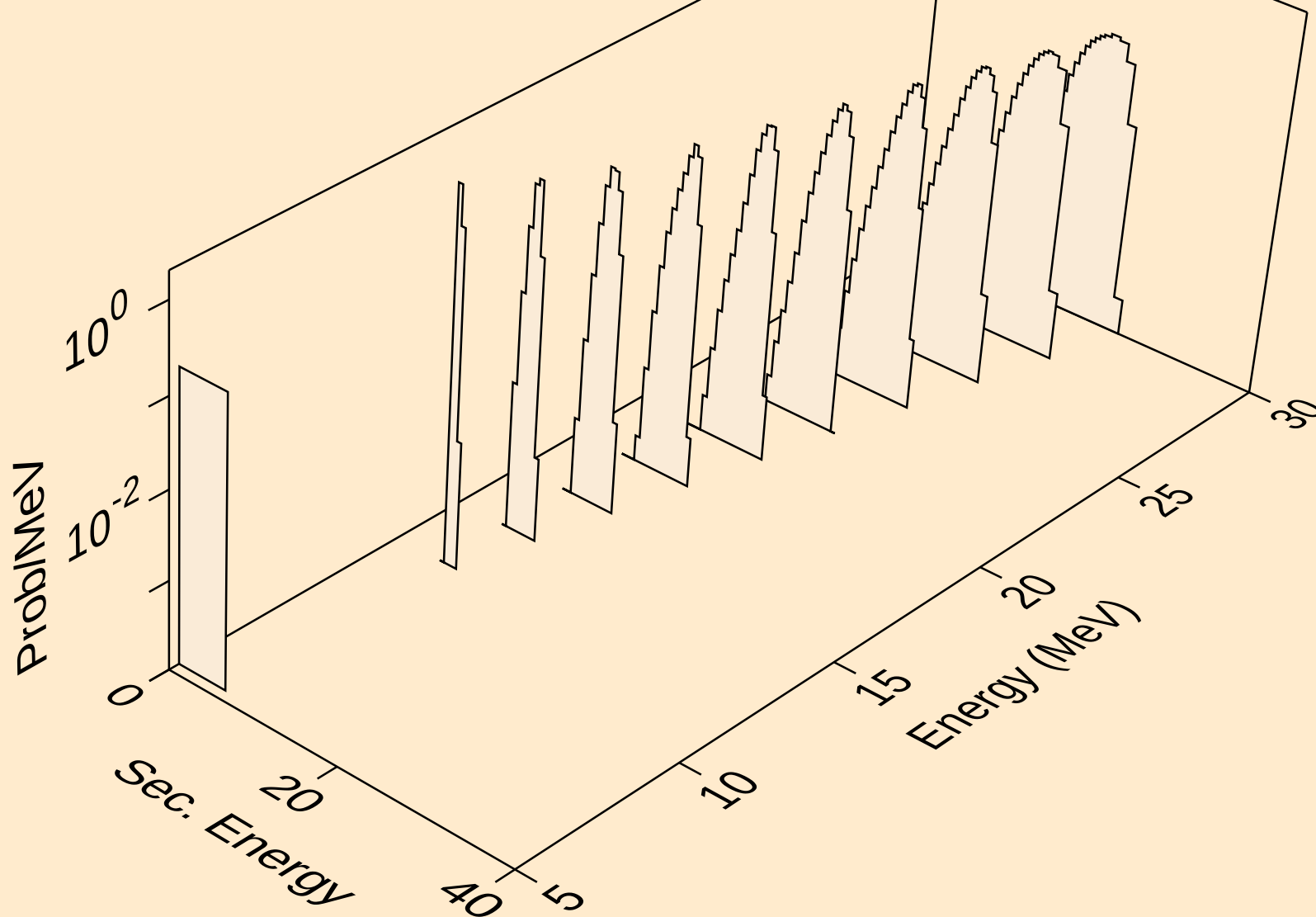
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



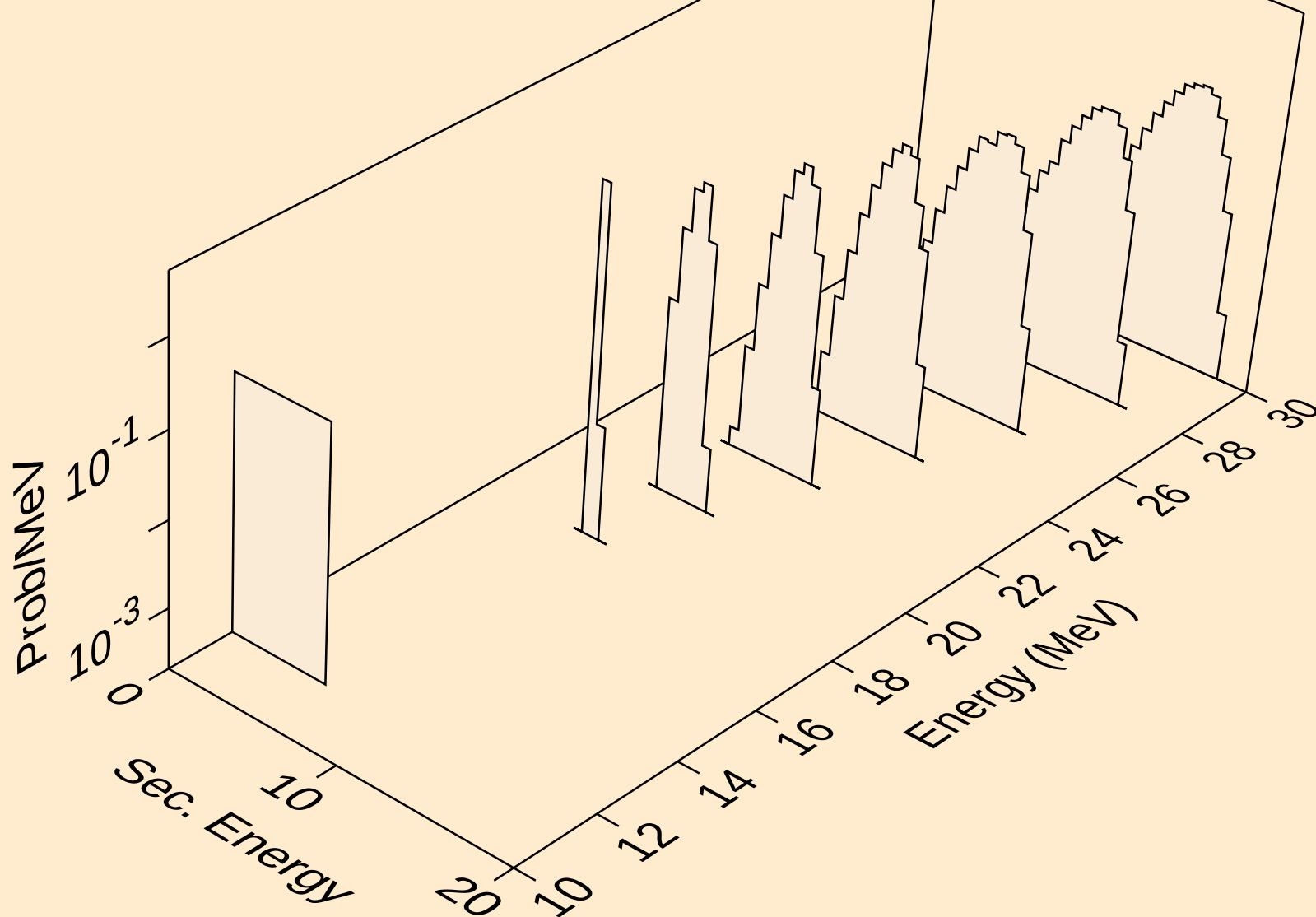
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



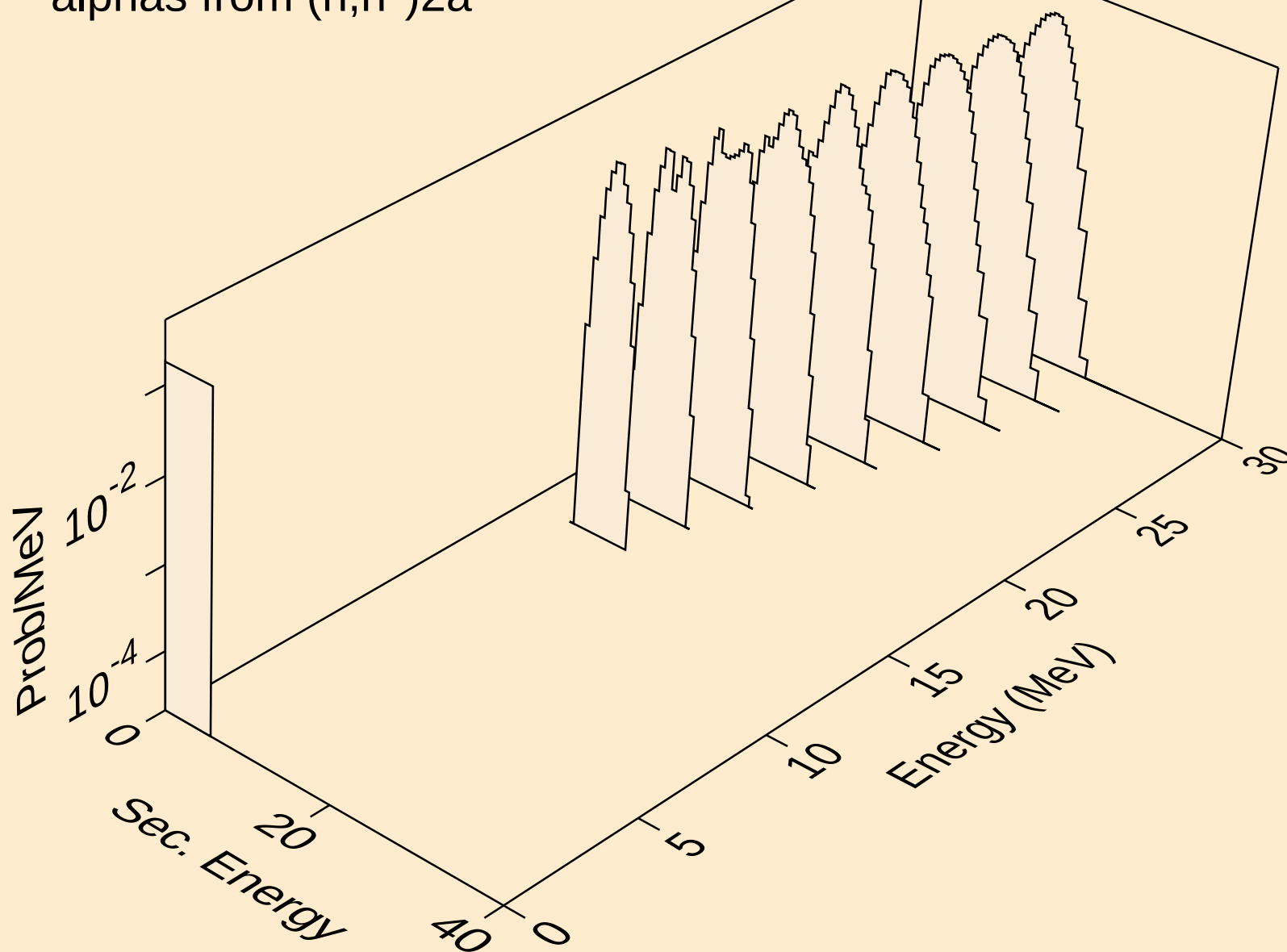
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



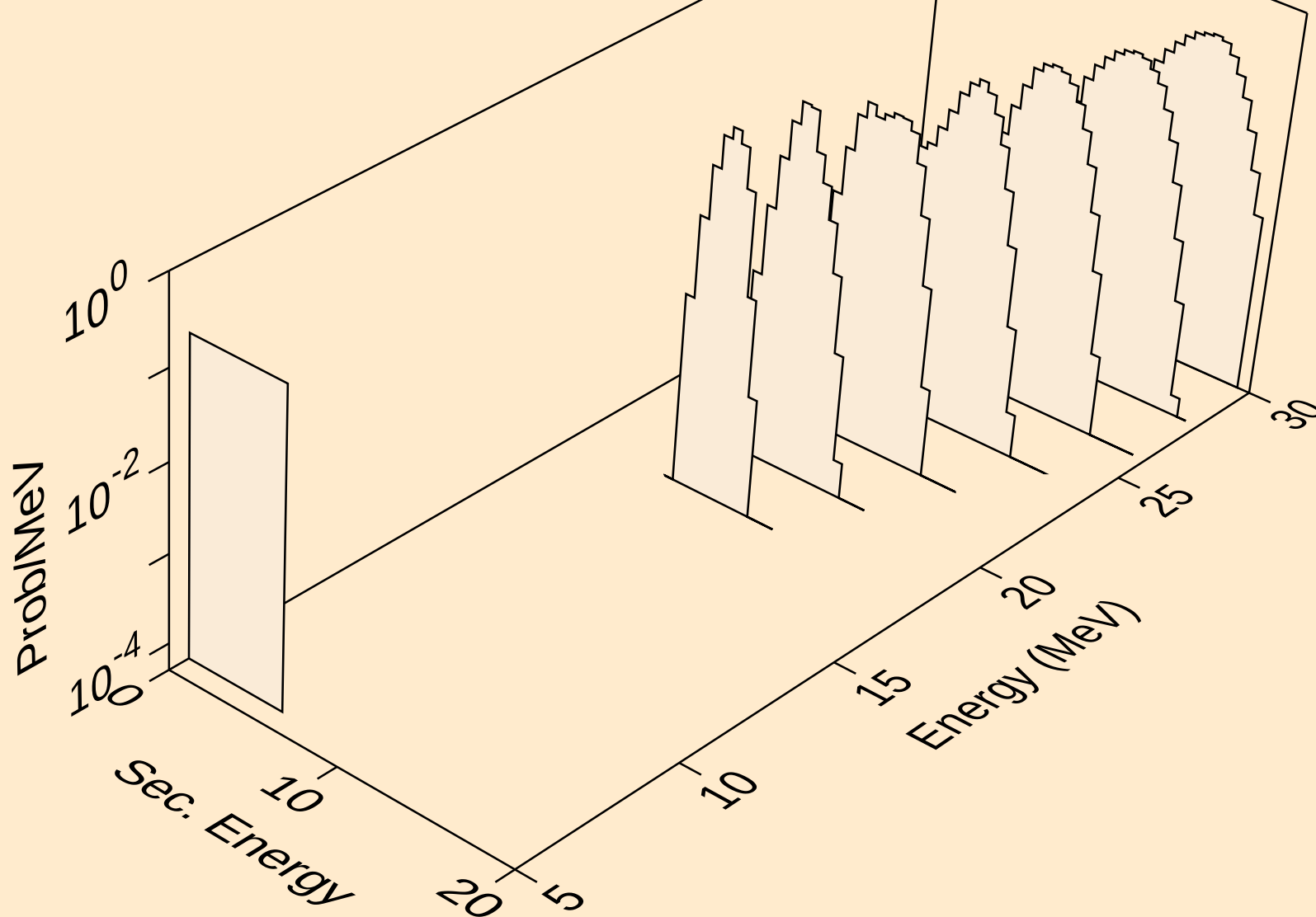
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



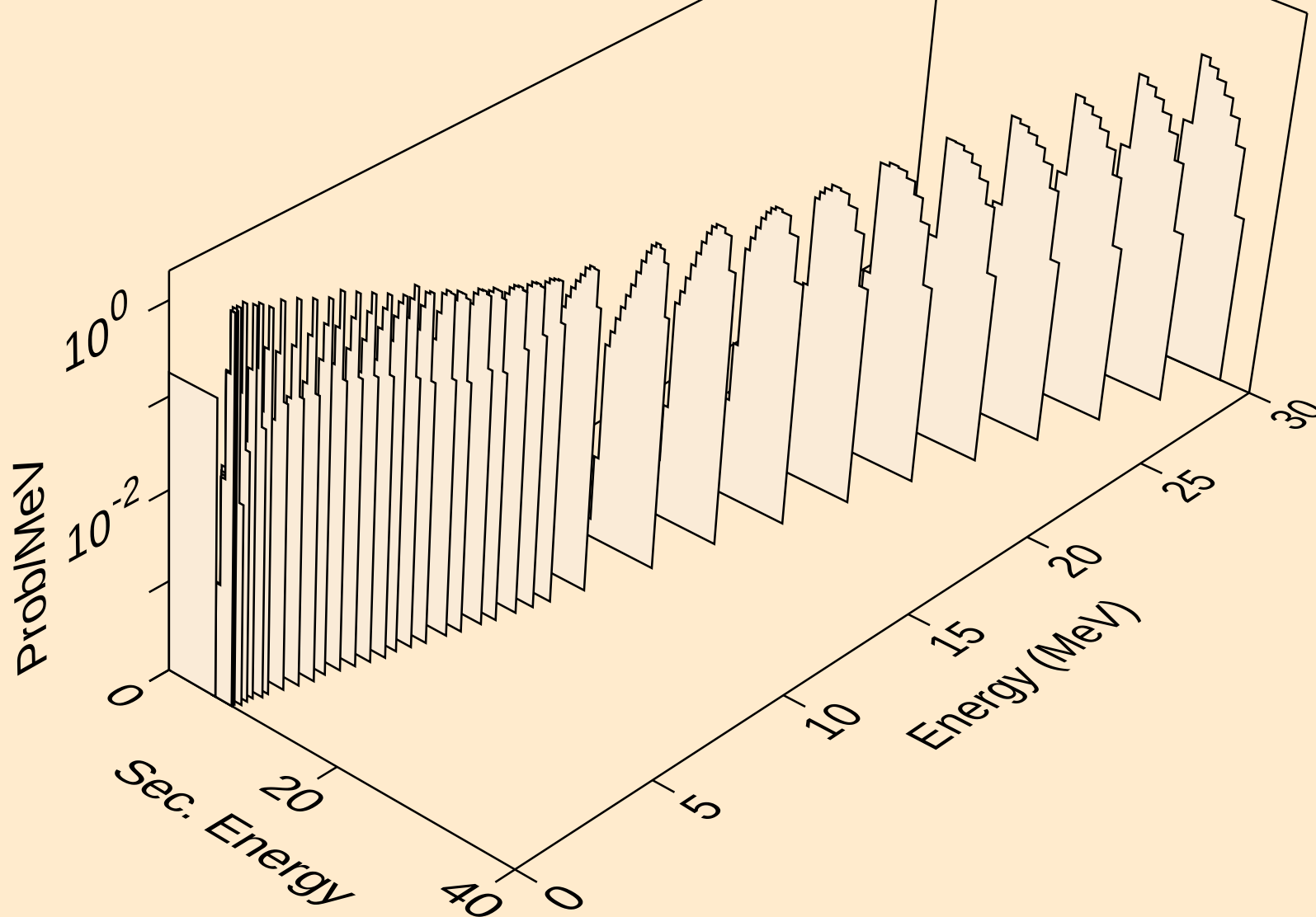
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



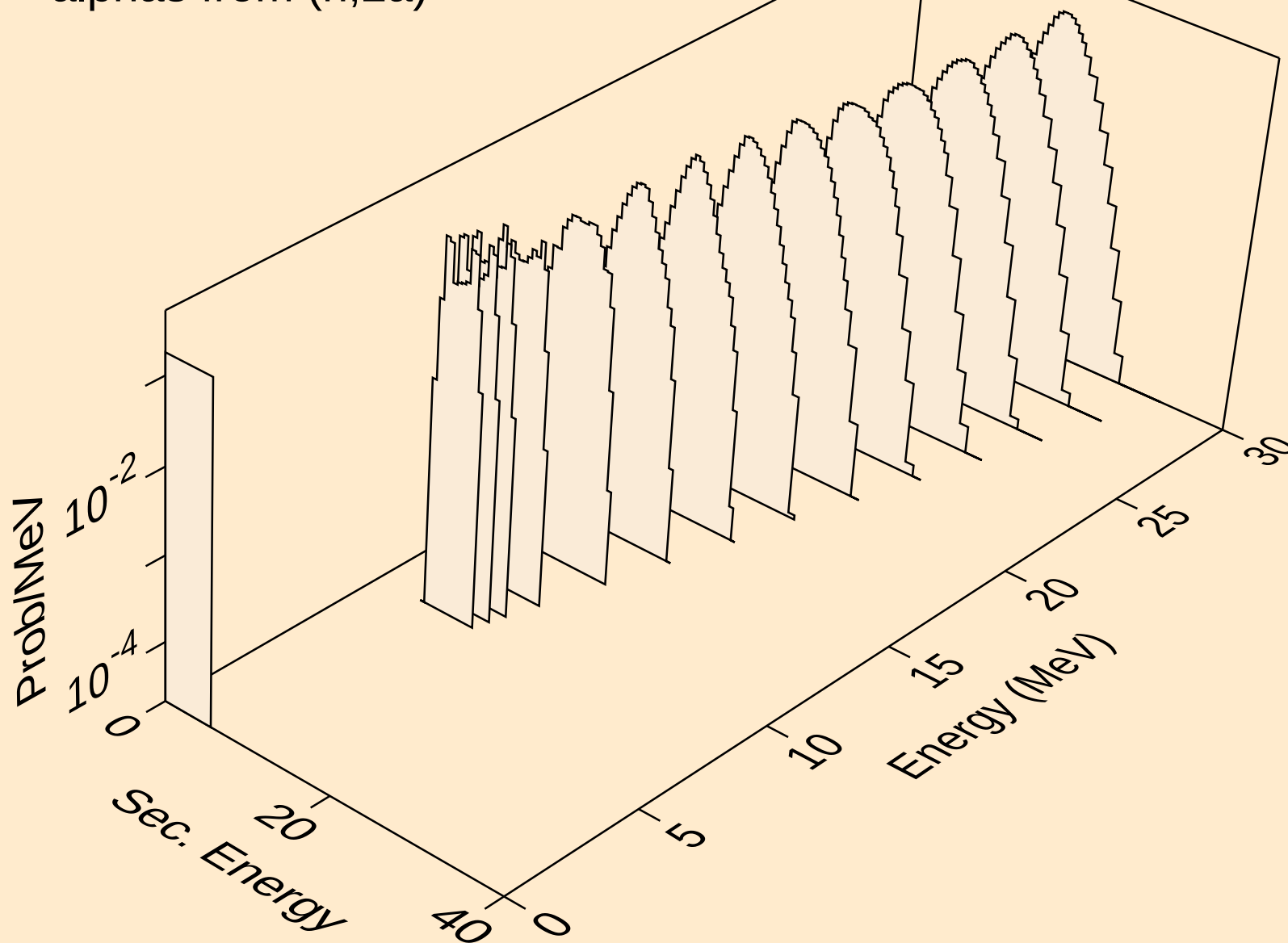
OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



OS188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

