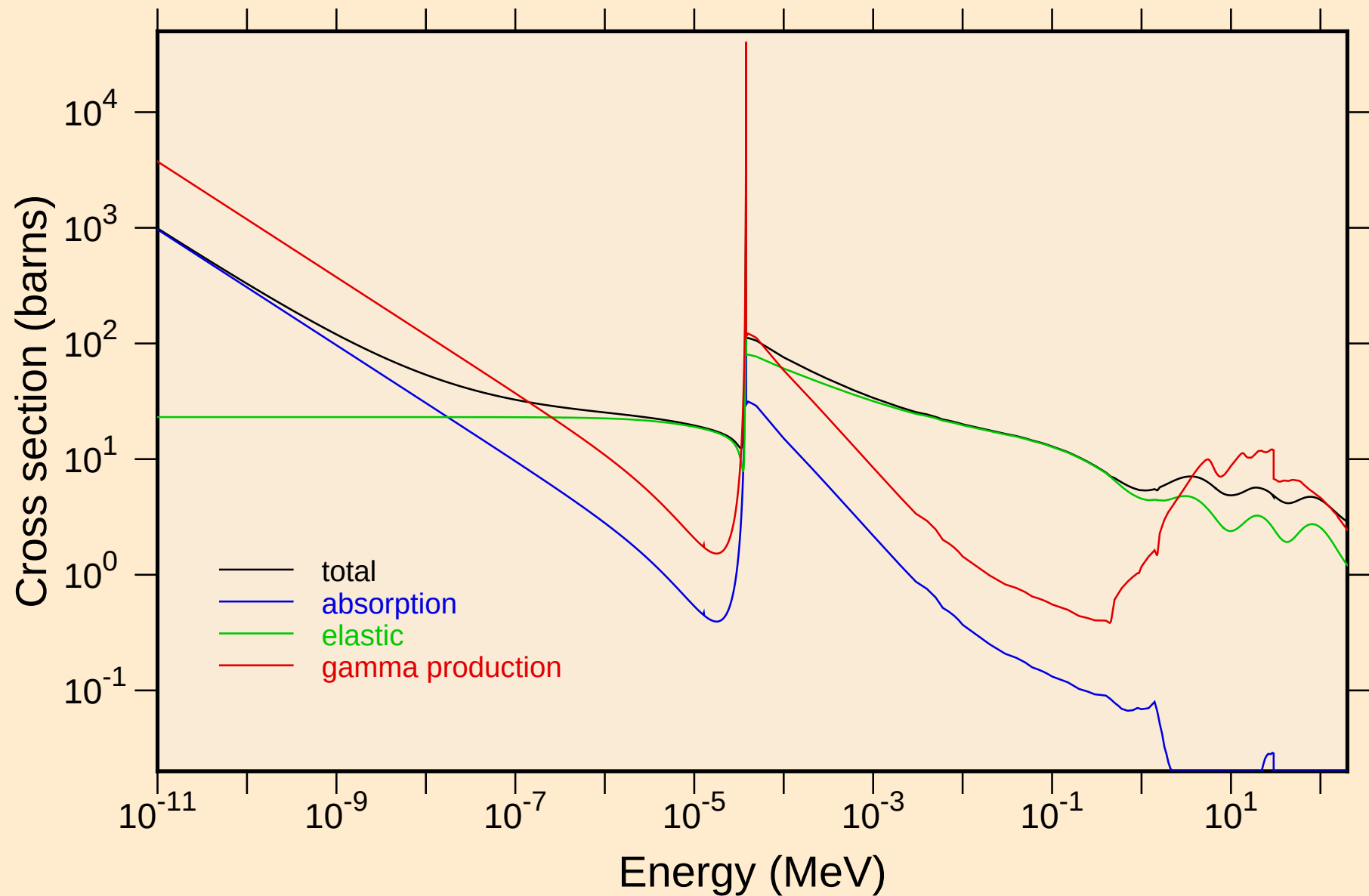


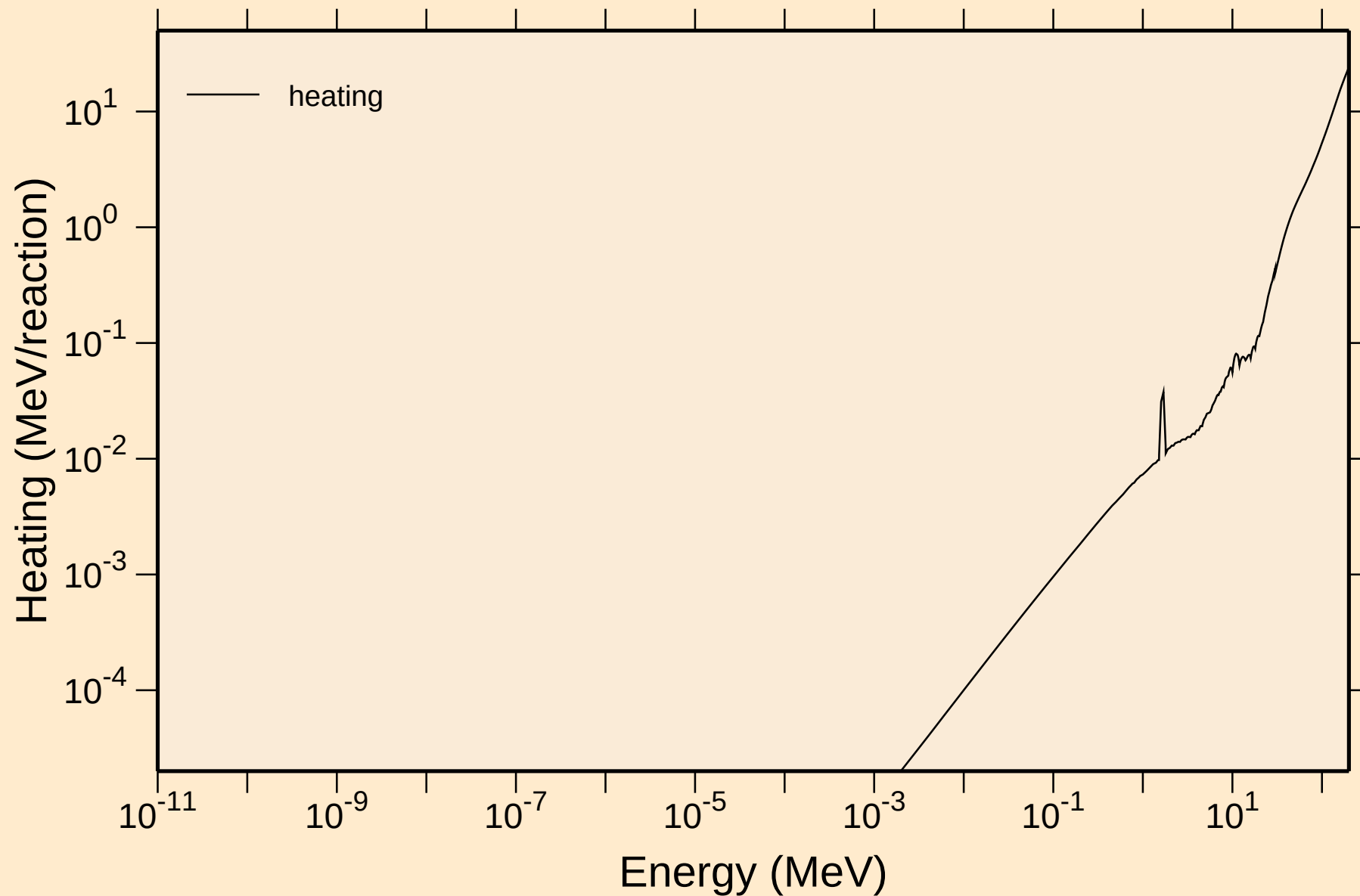
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



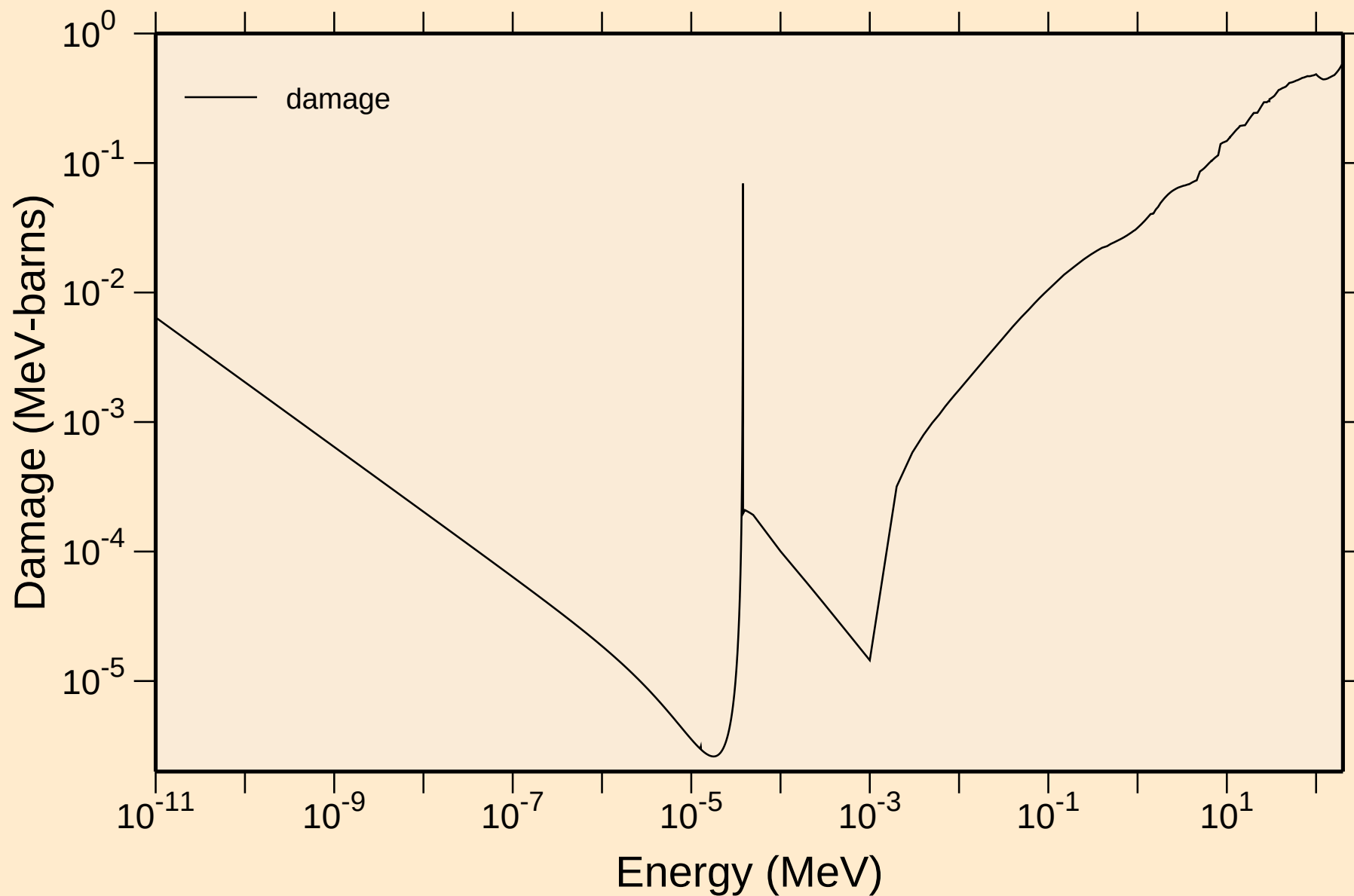
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

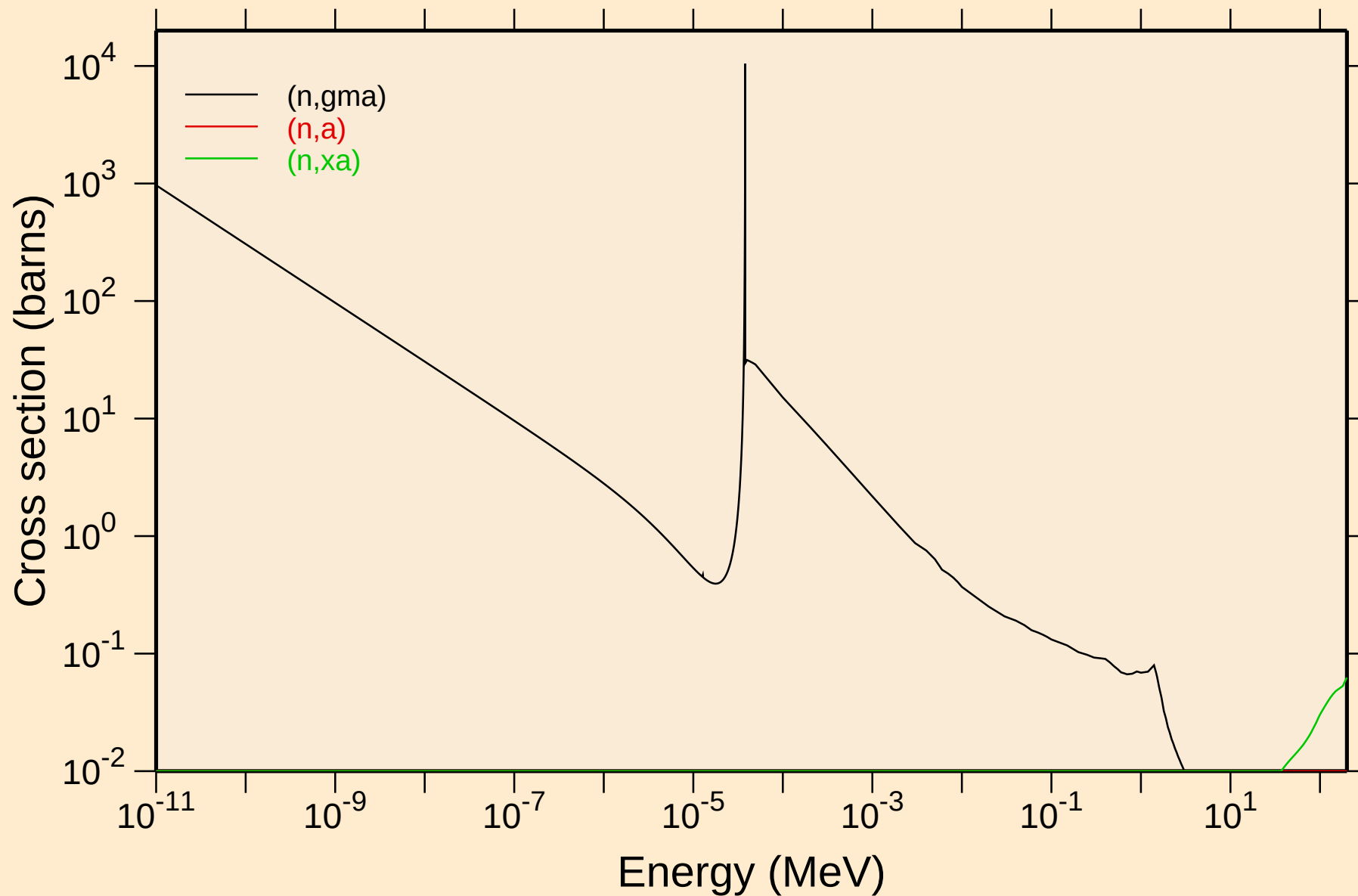


# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

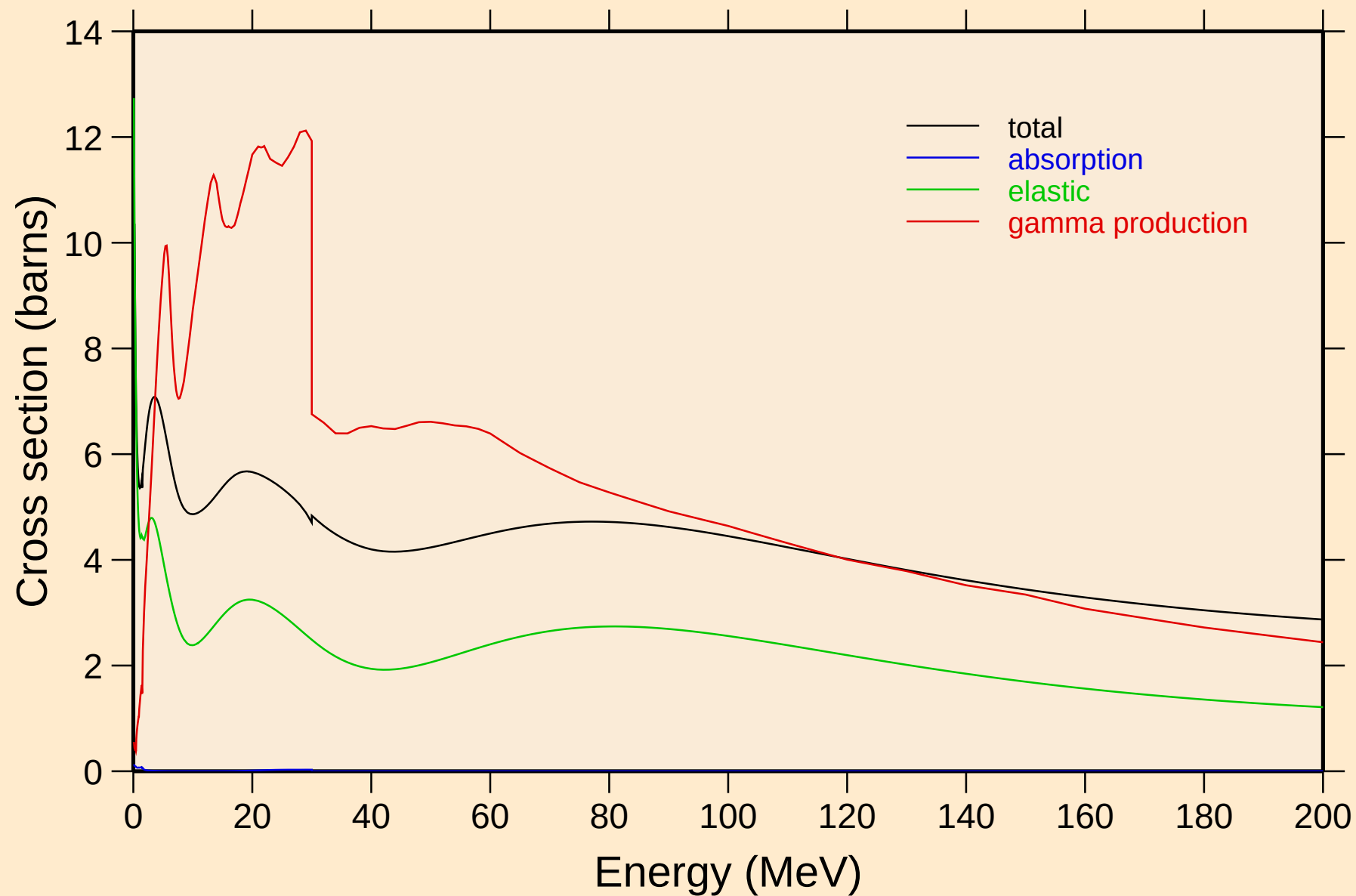


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



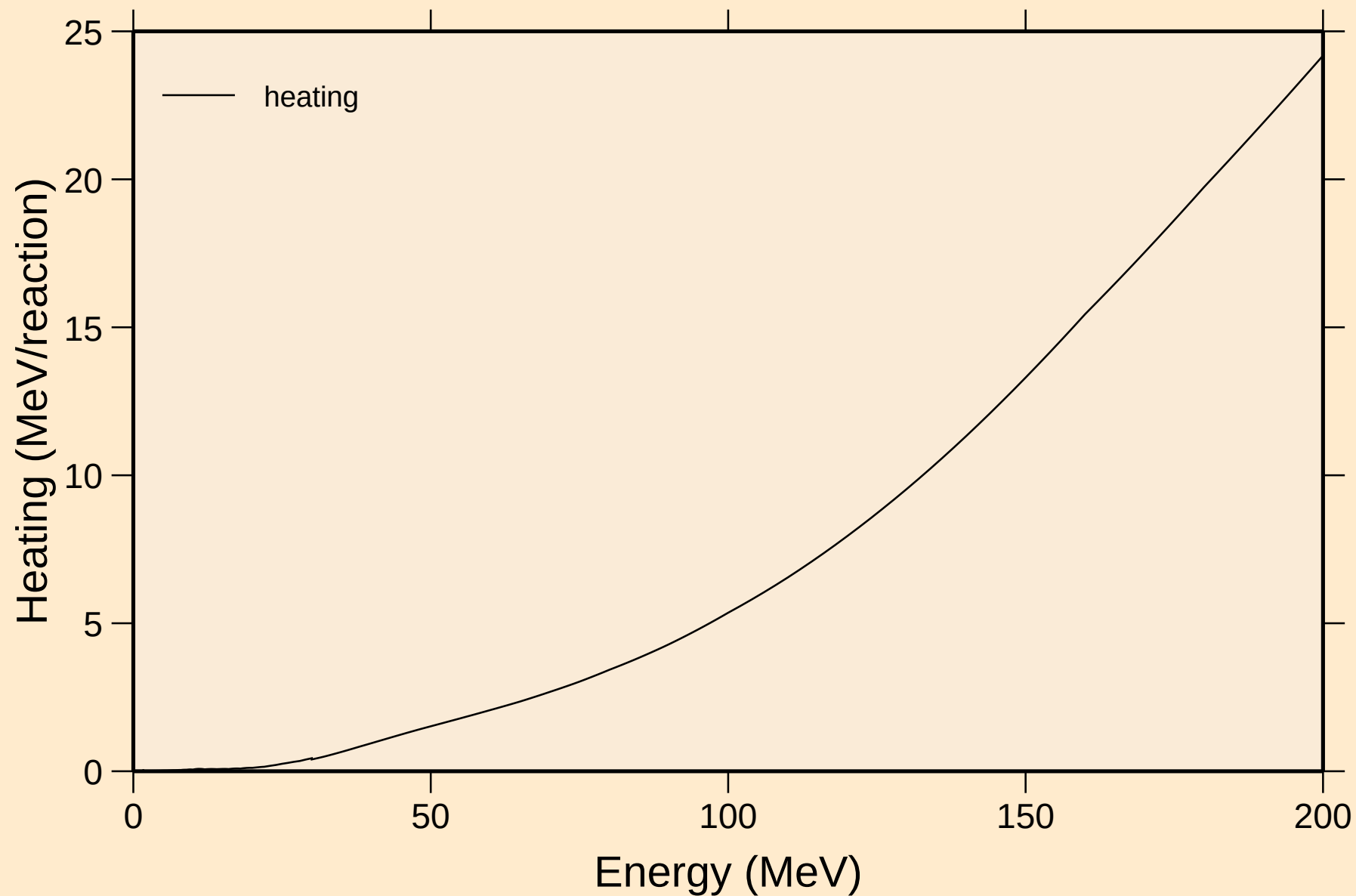
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## Principal cross sections



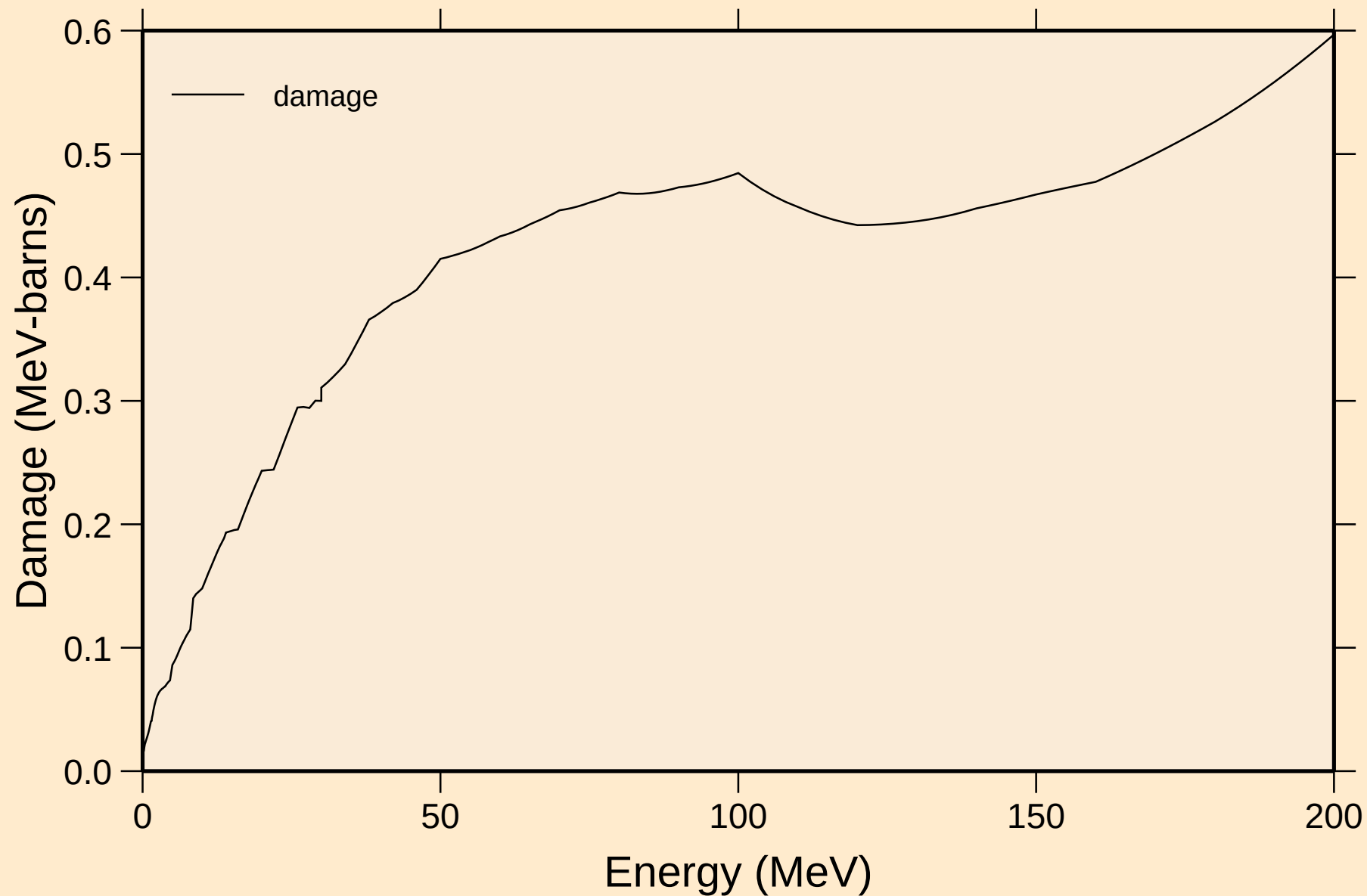
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

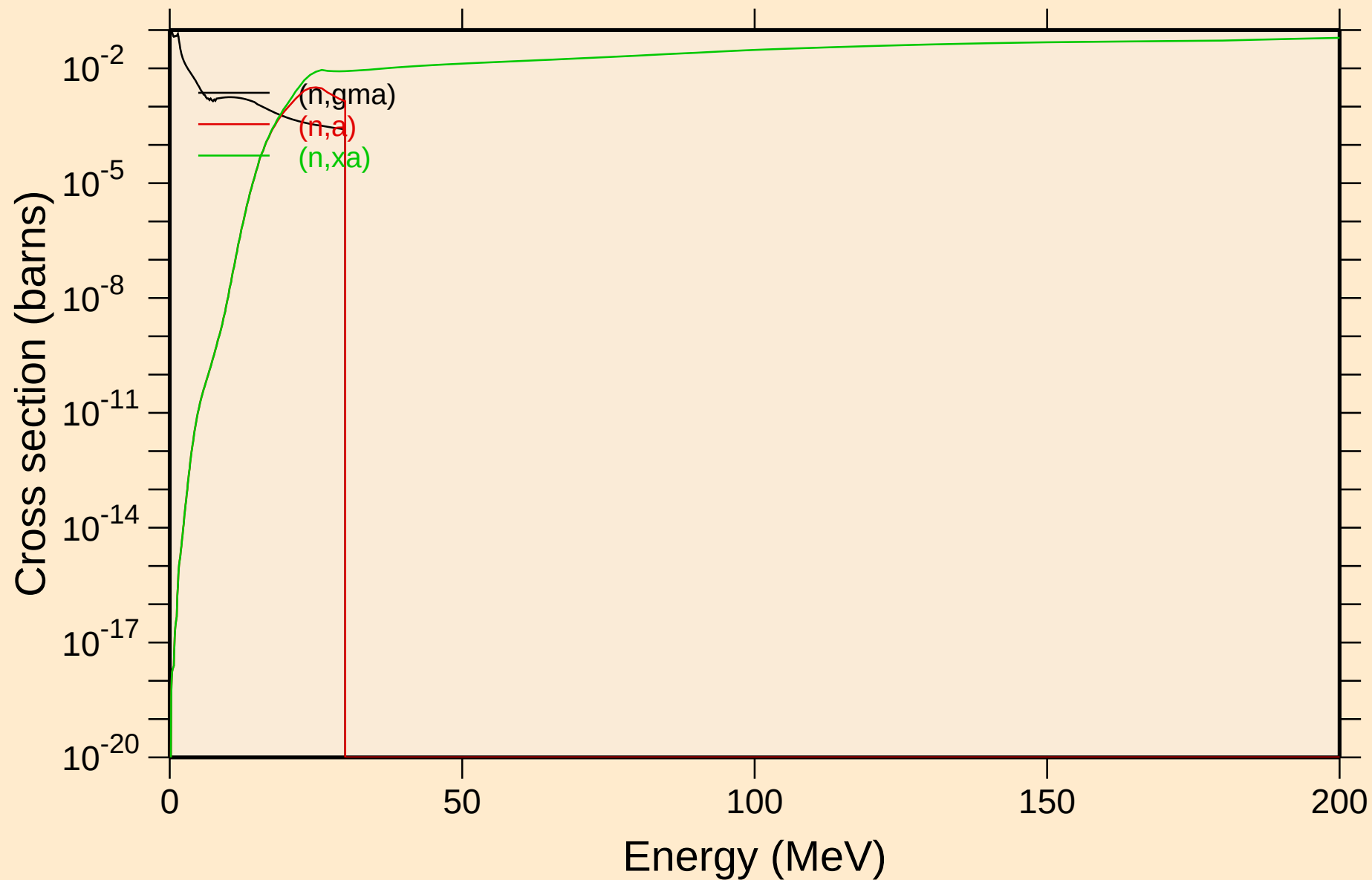


# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage



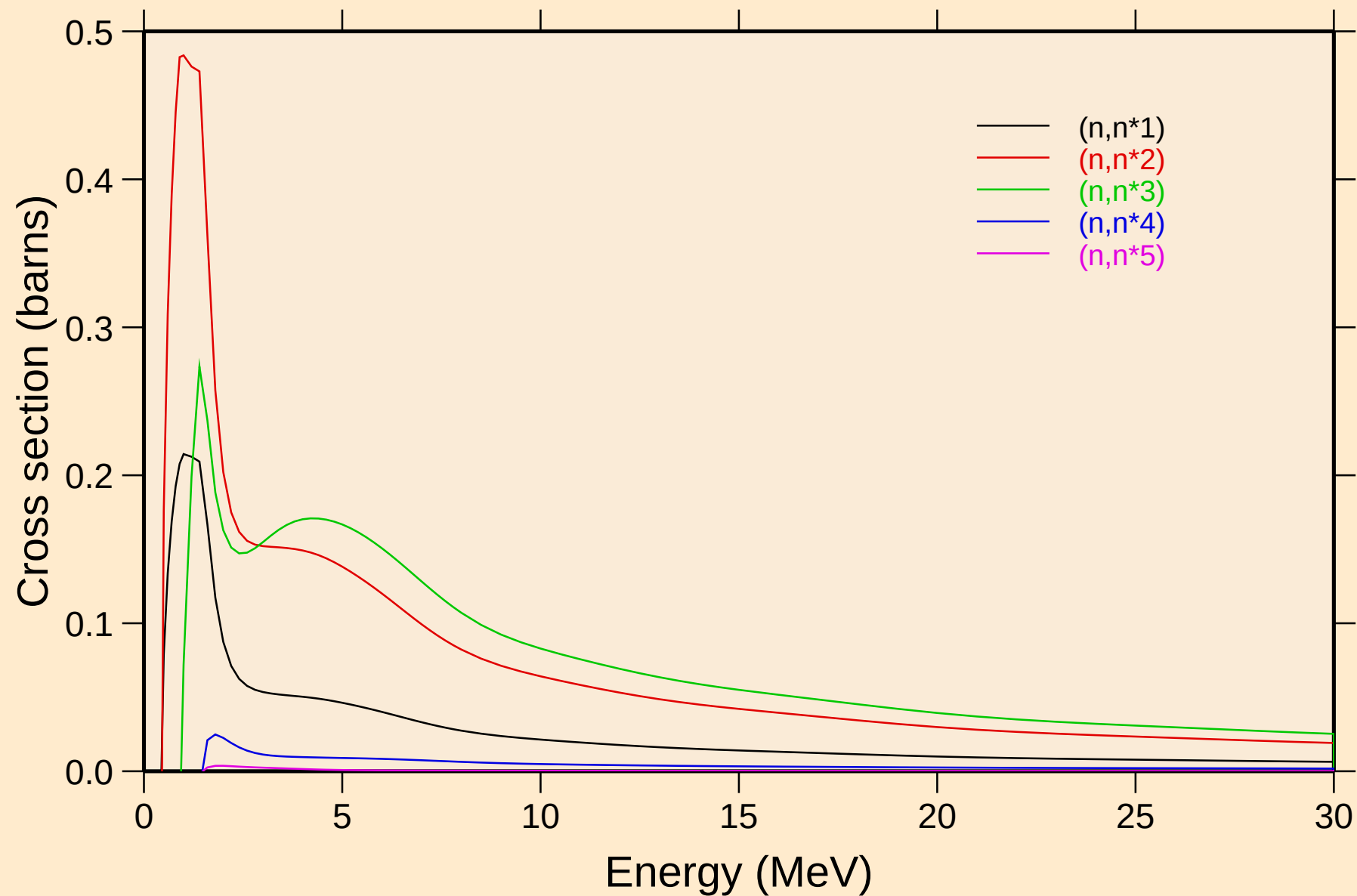
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions





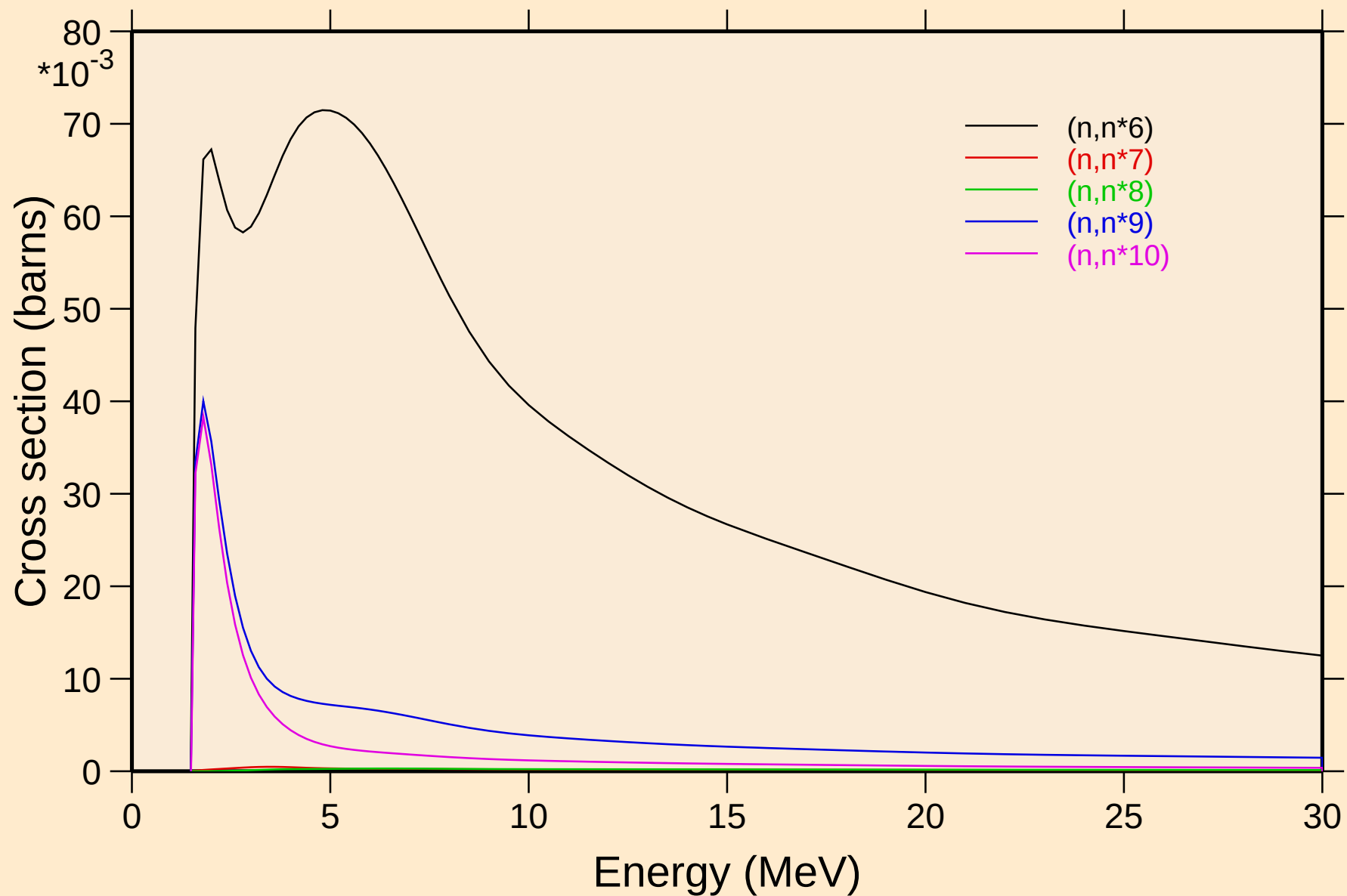
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



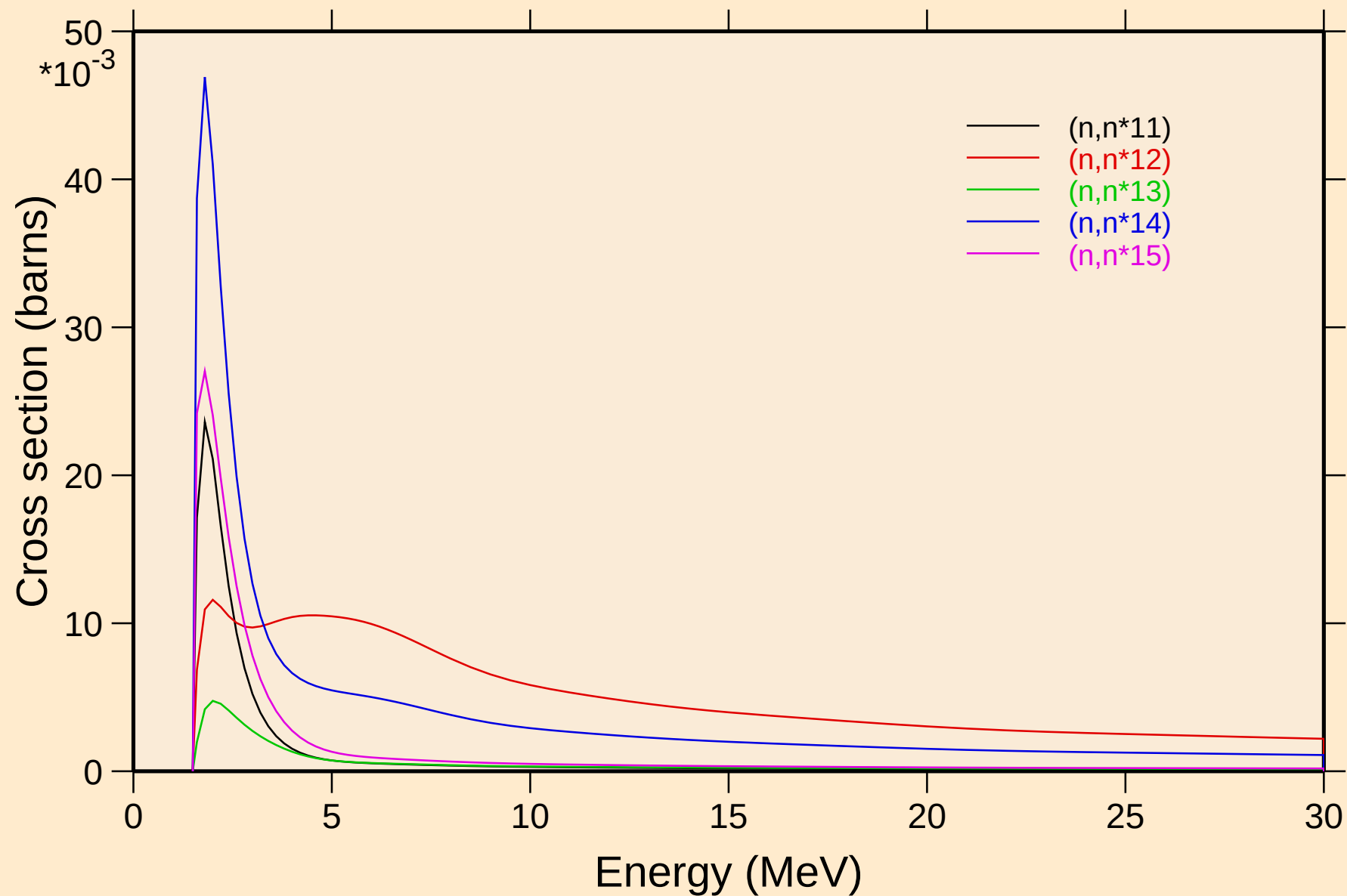
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



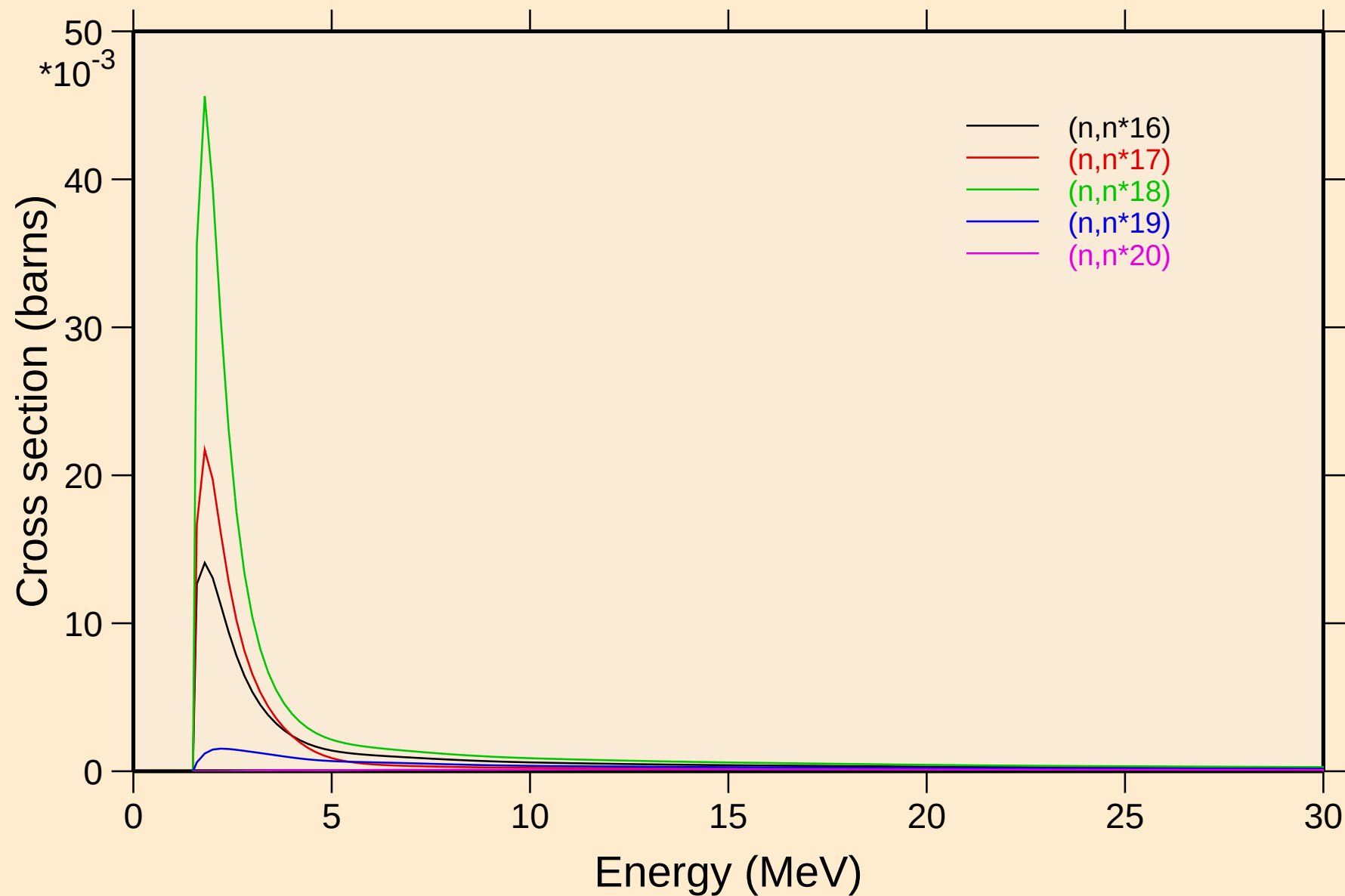
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## Inelastic levels



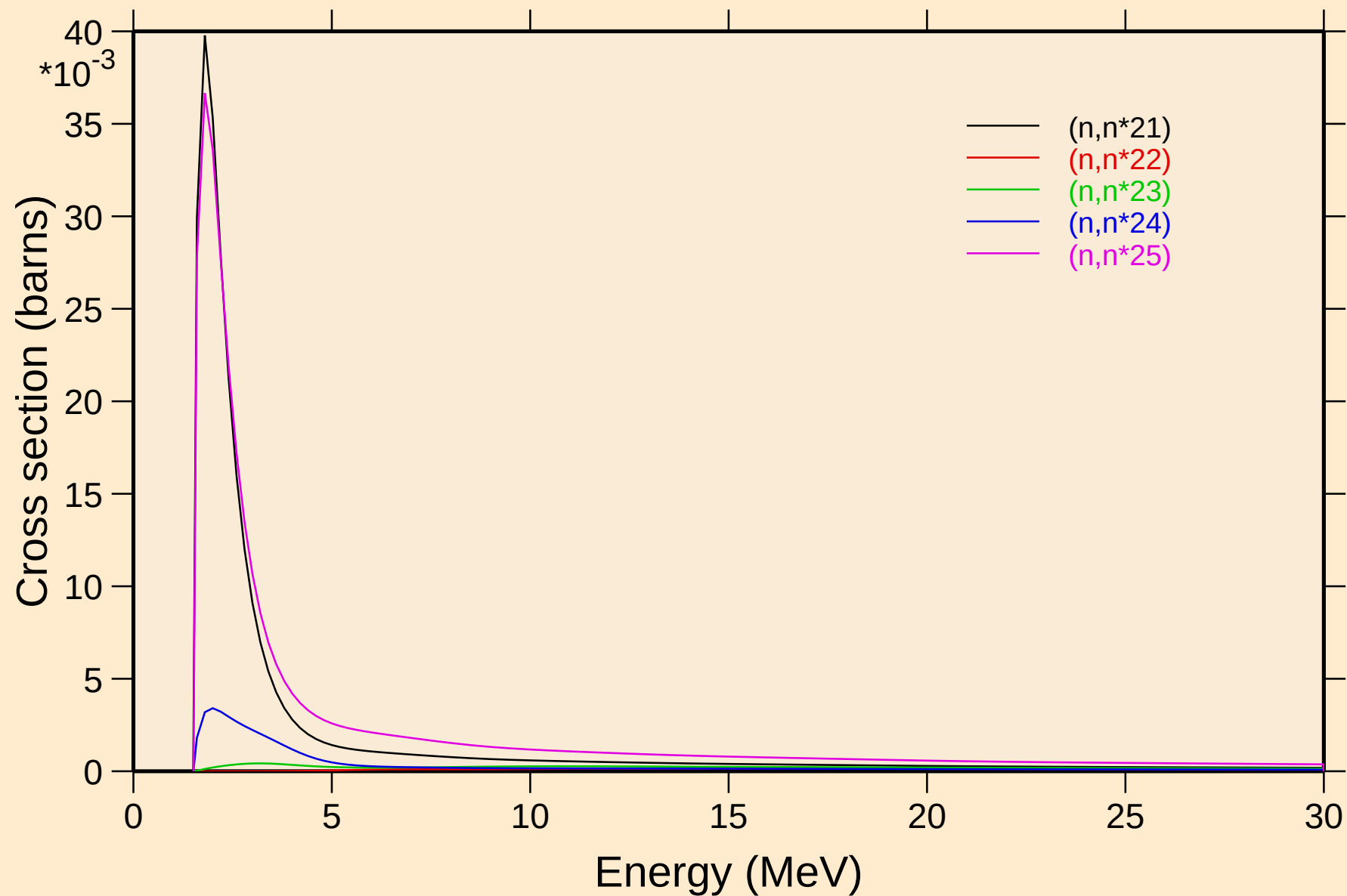
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



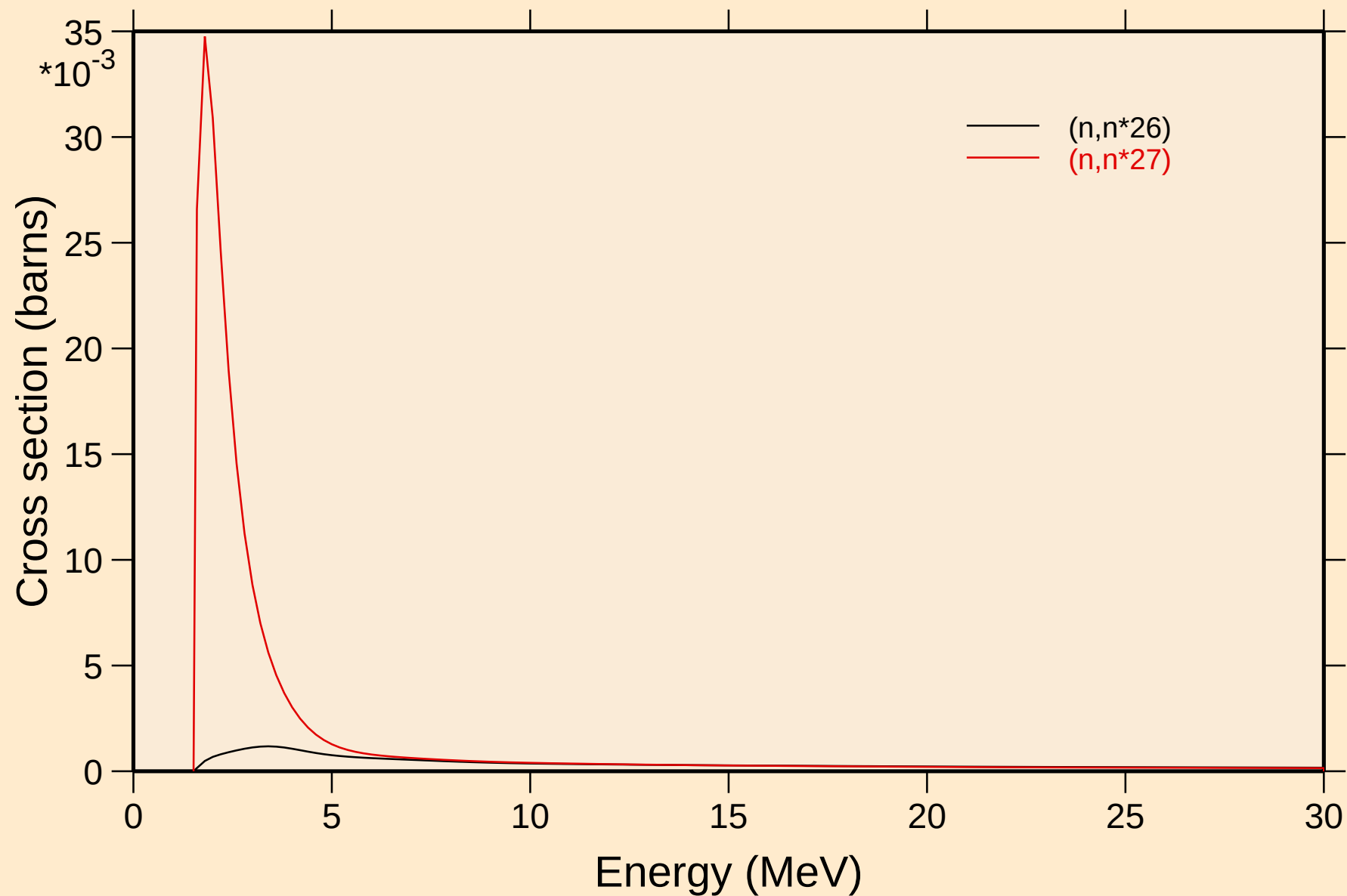
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



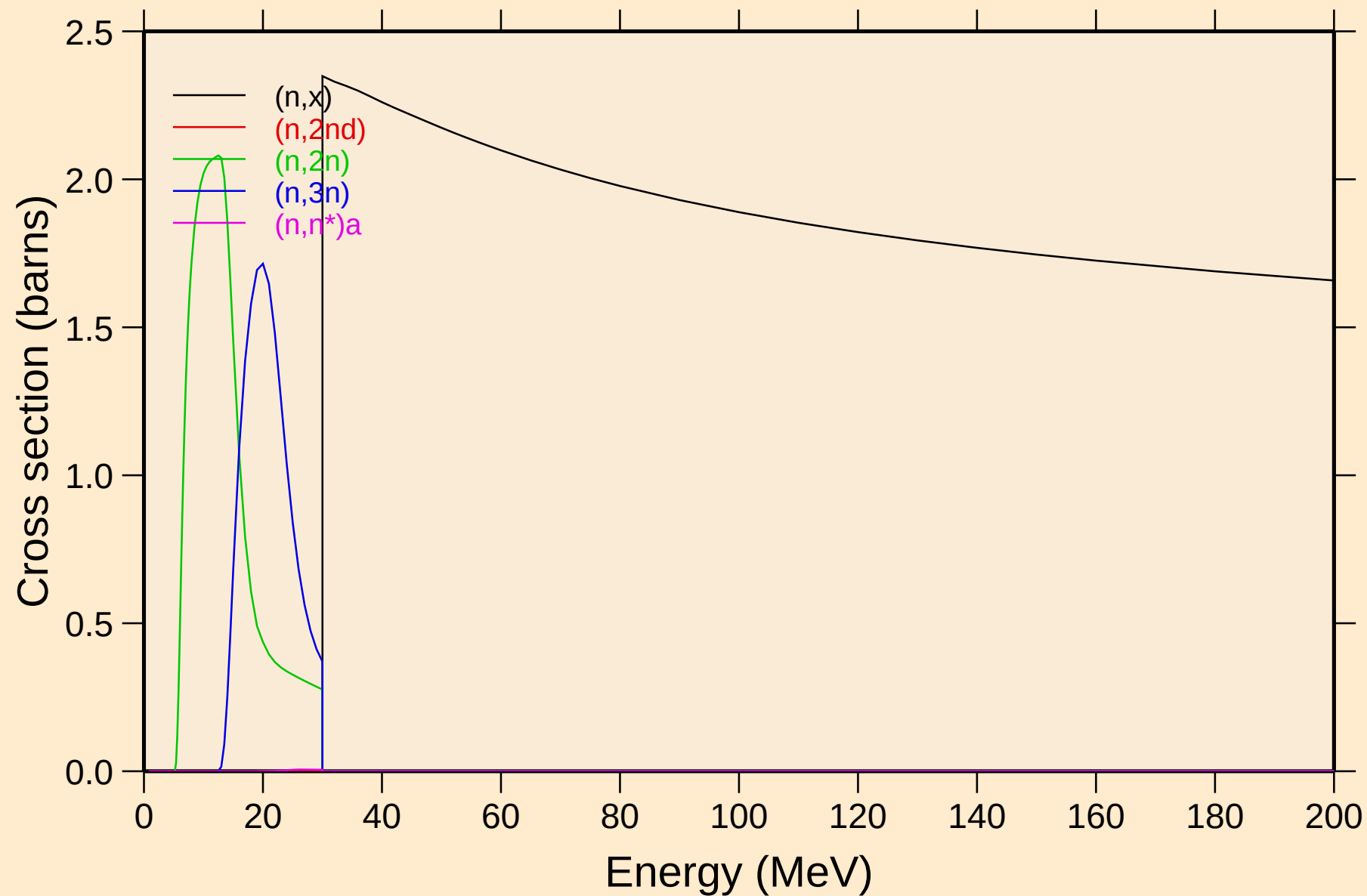
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



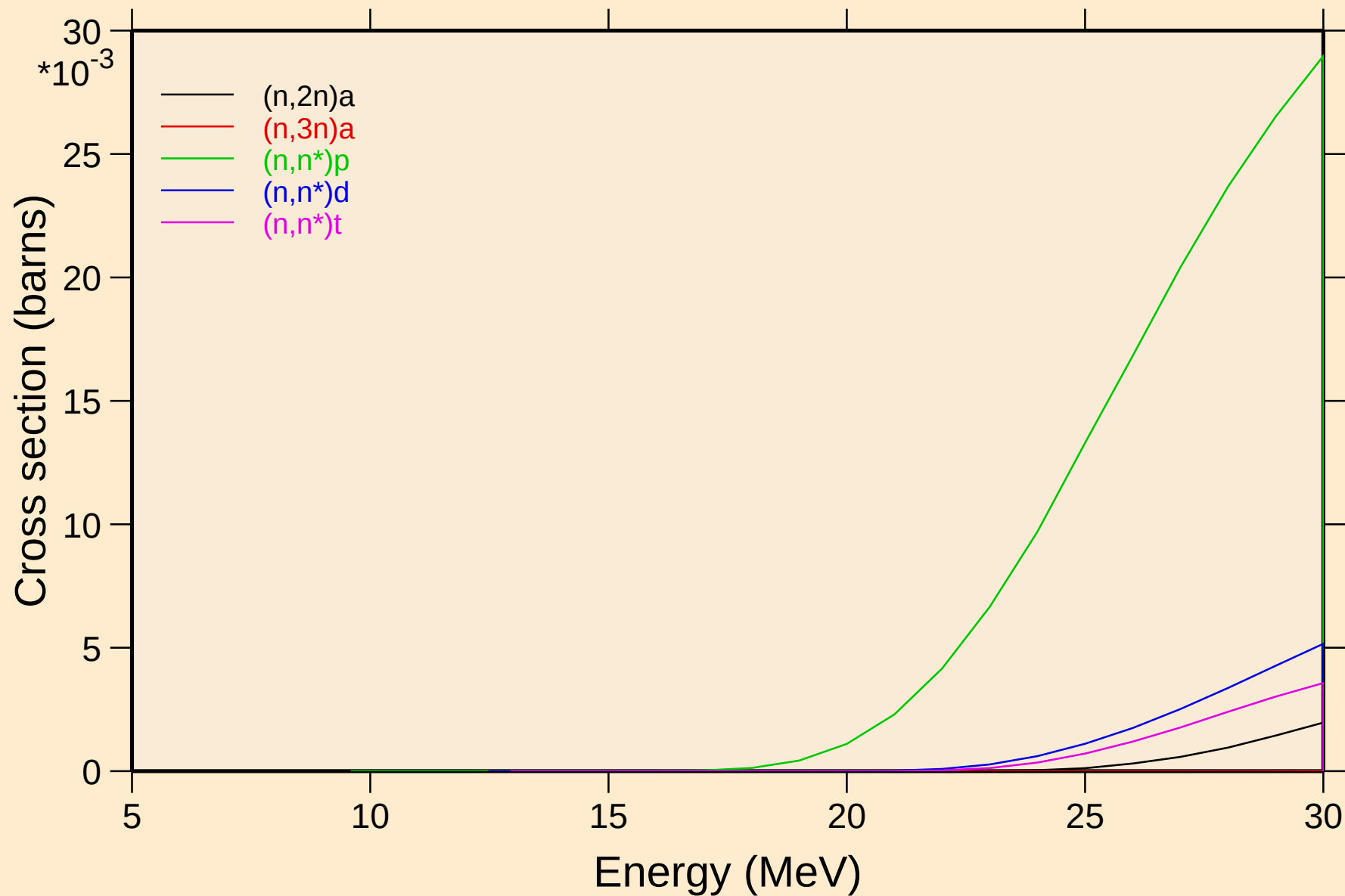
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



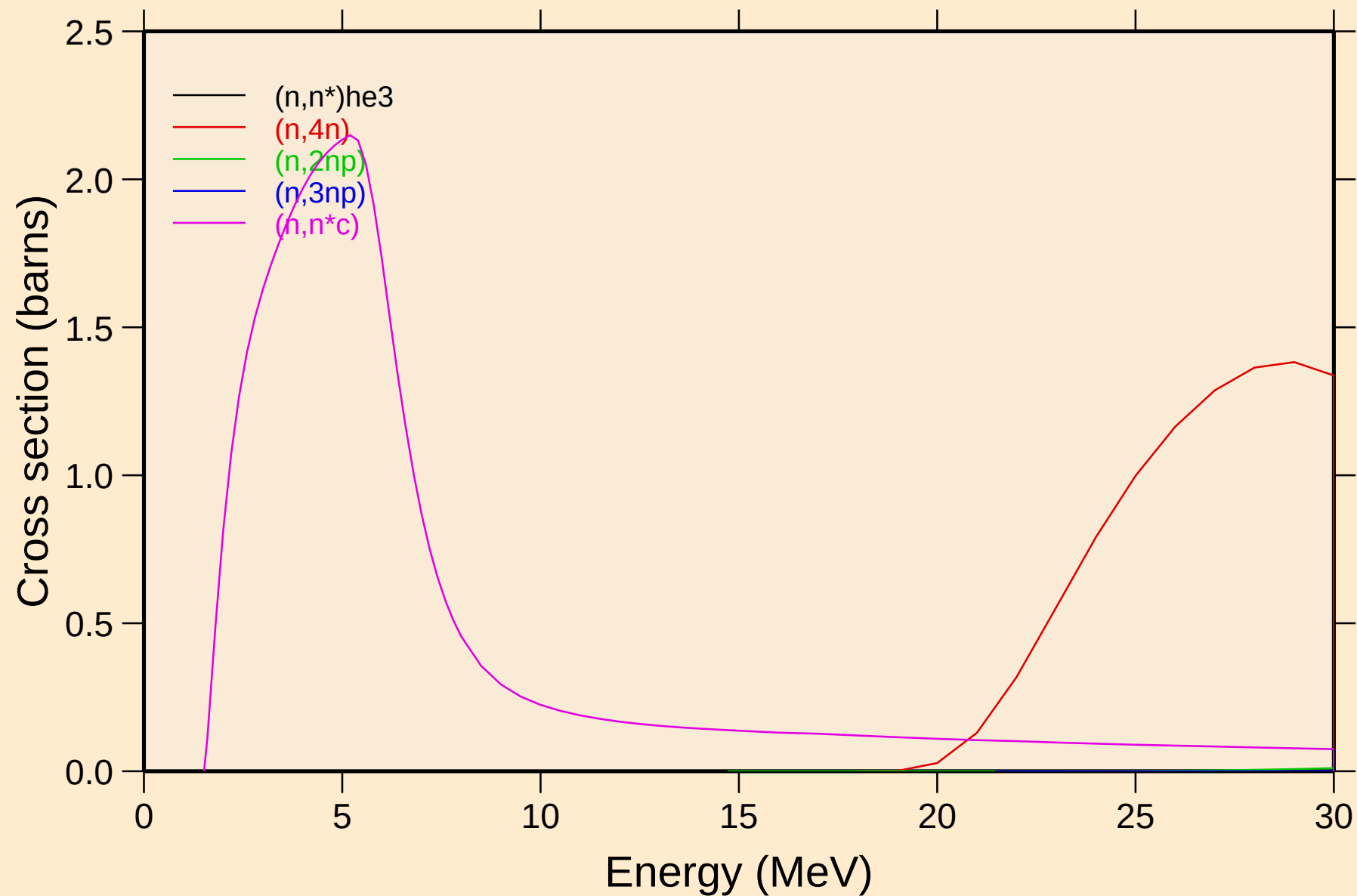
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



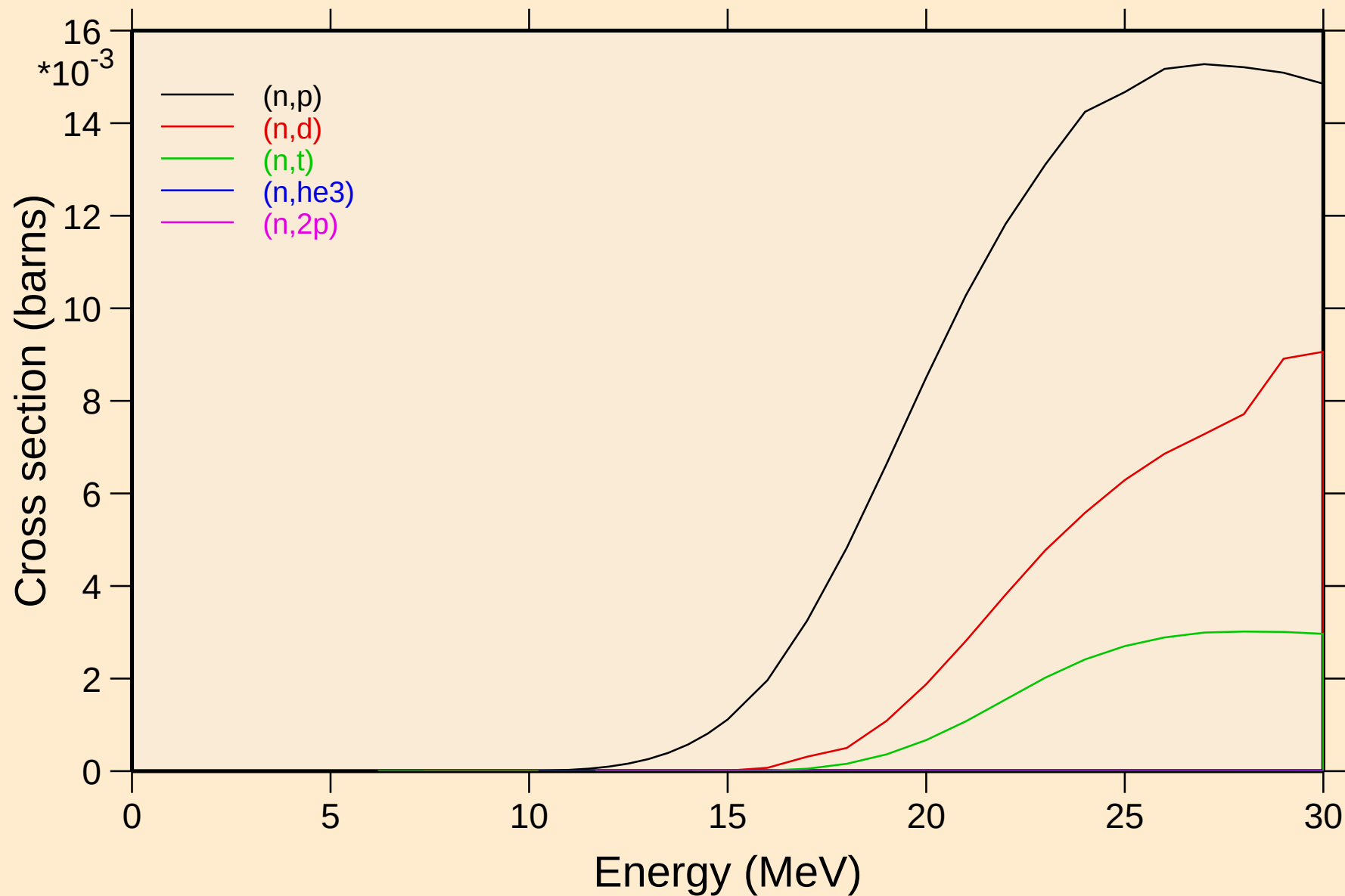


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

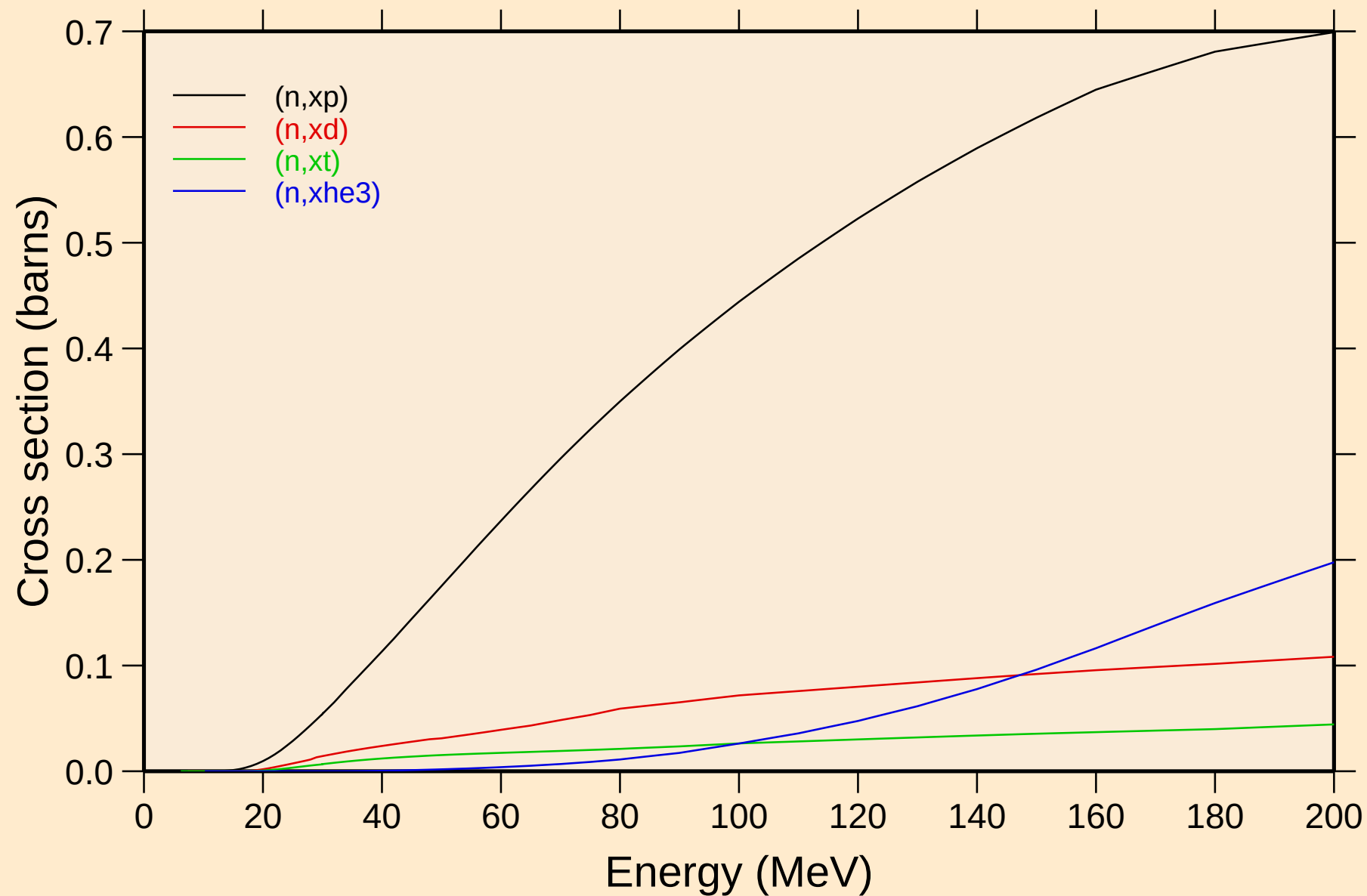


# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

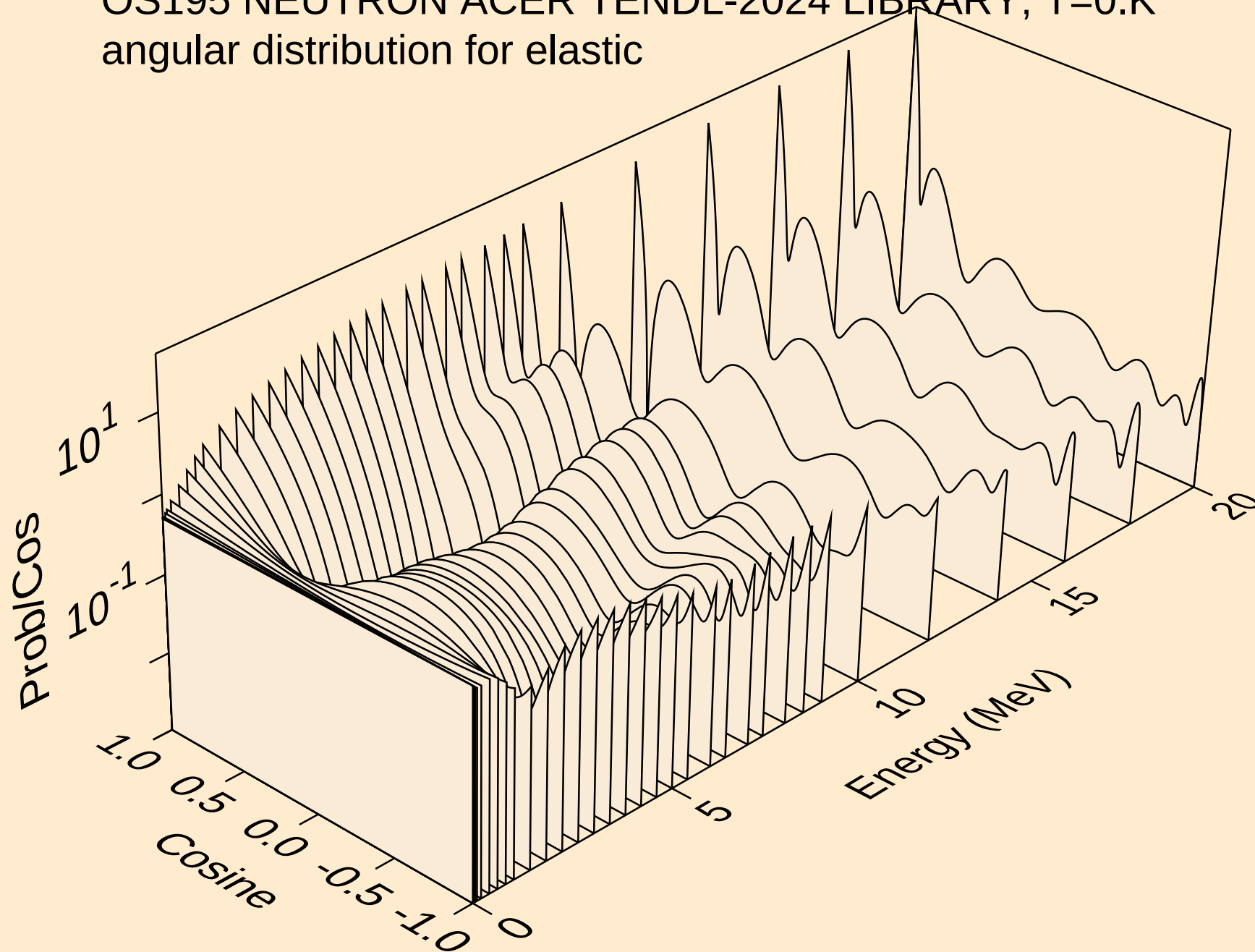
## Threshold reactions



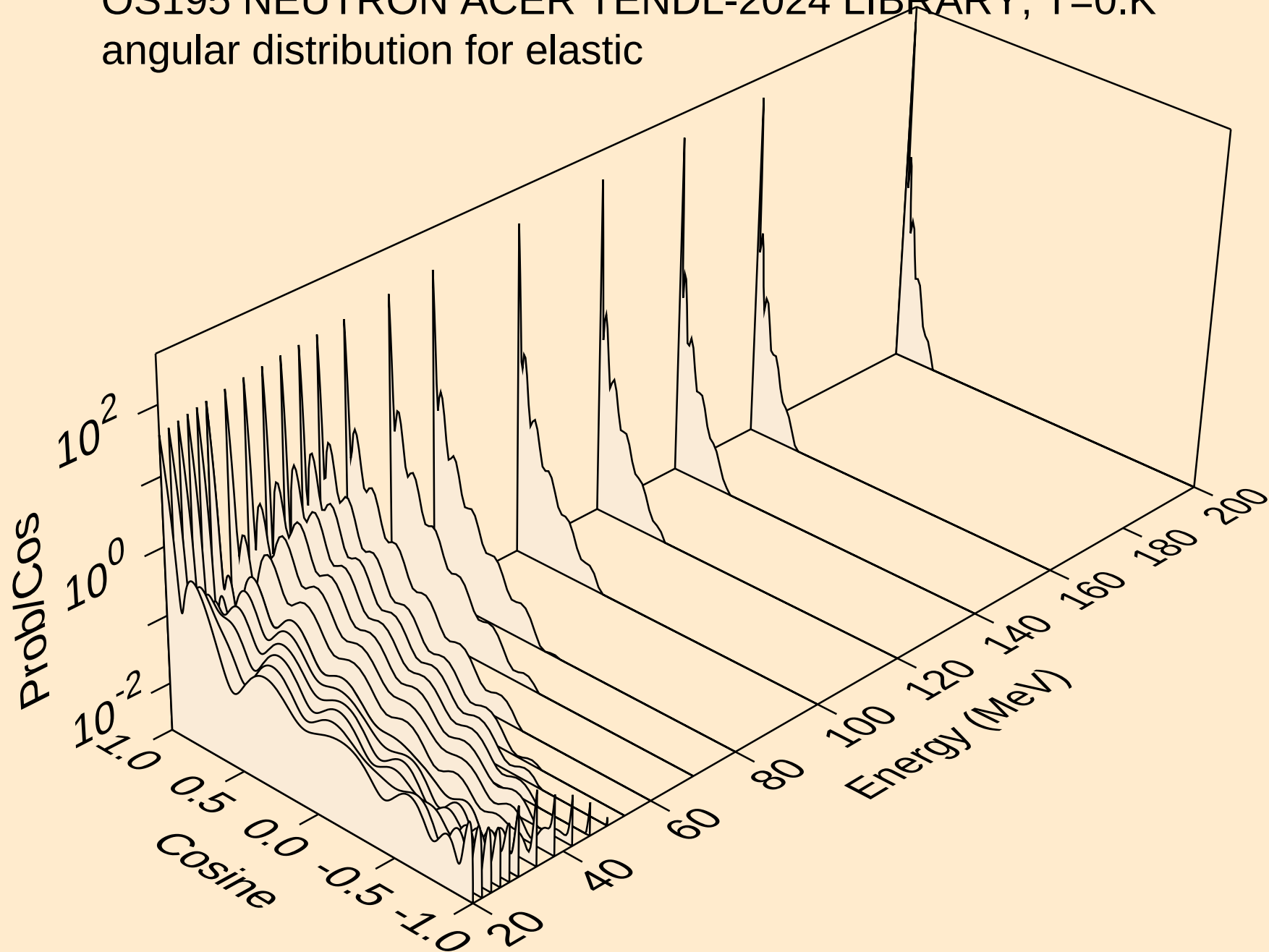
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



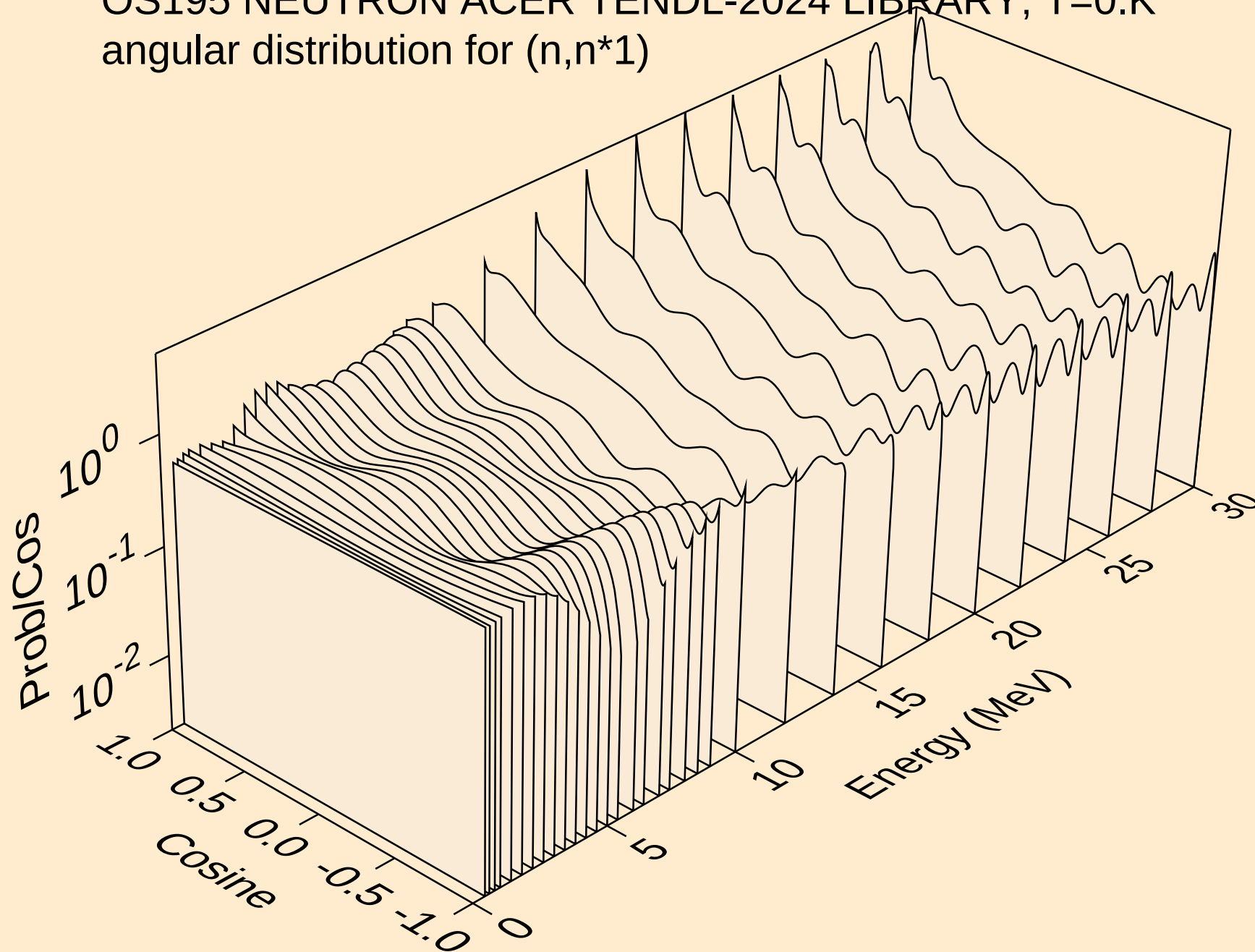
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



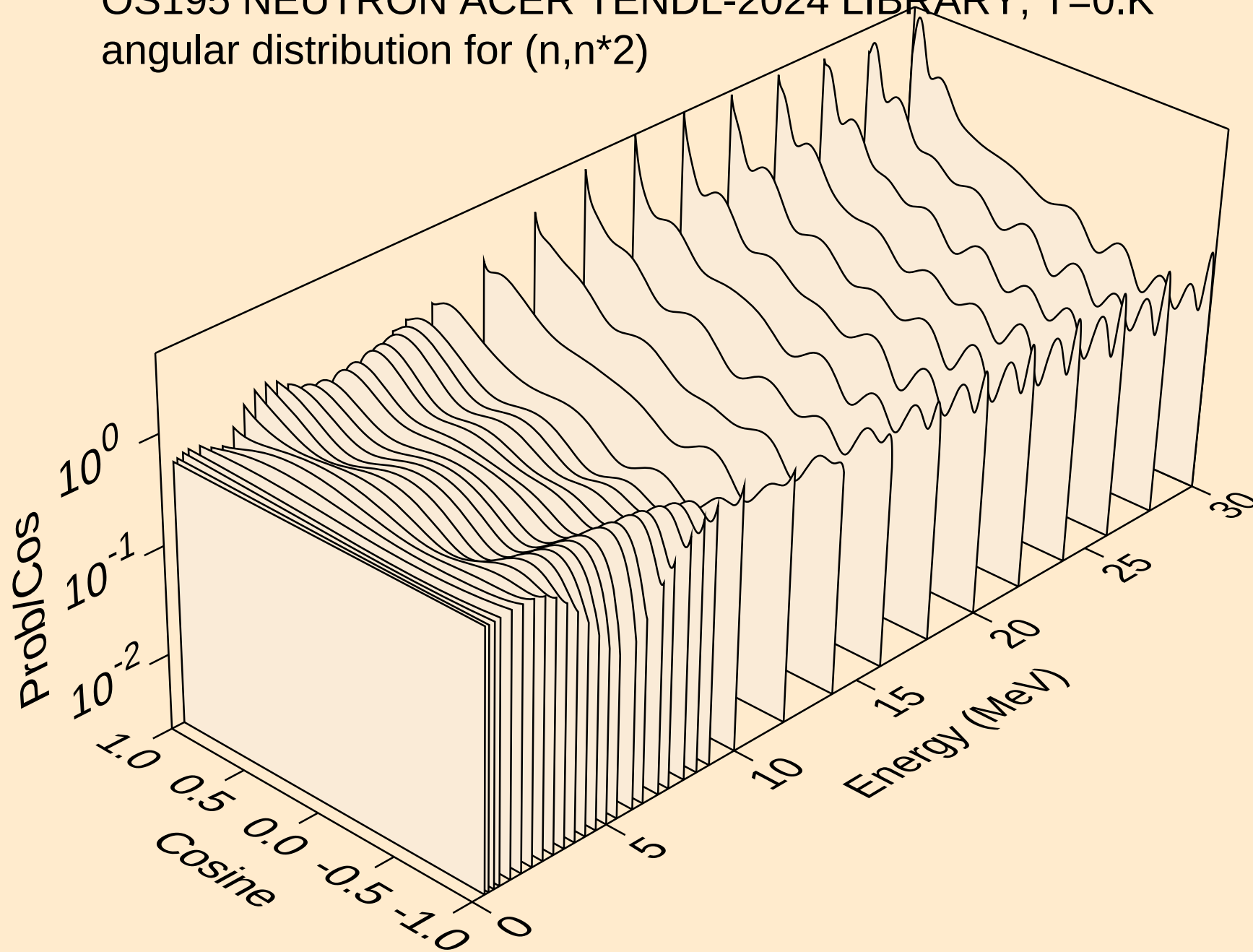
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



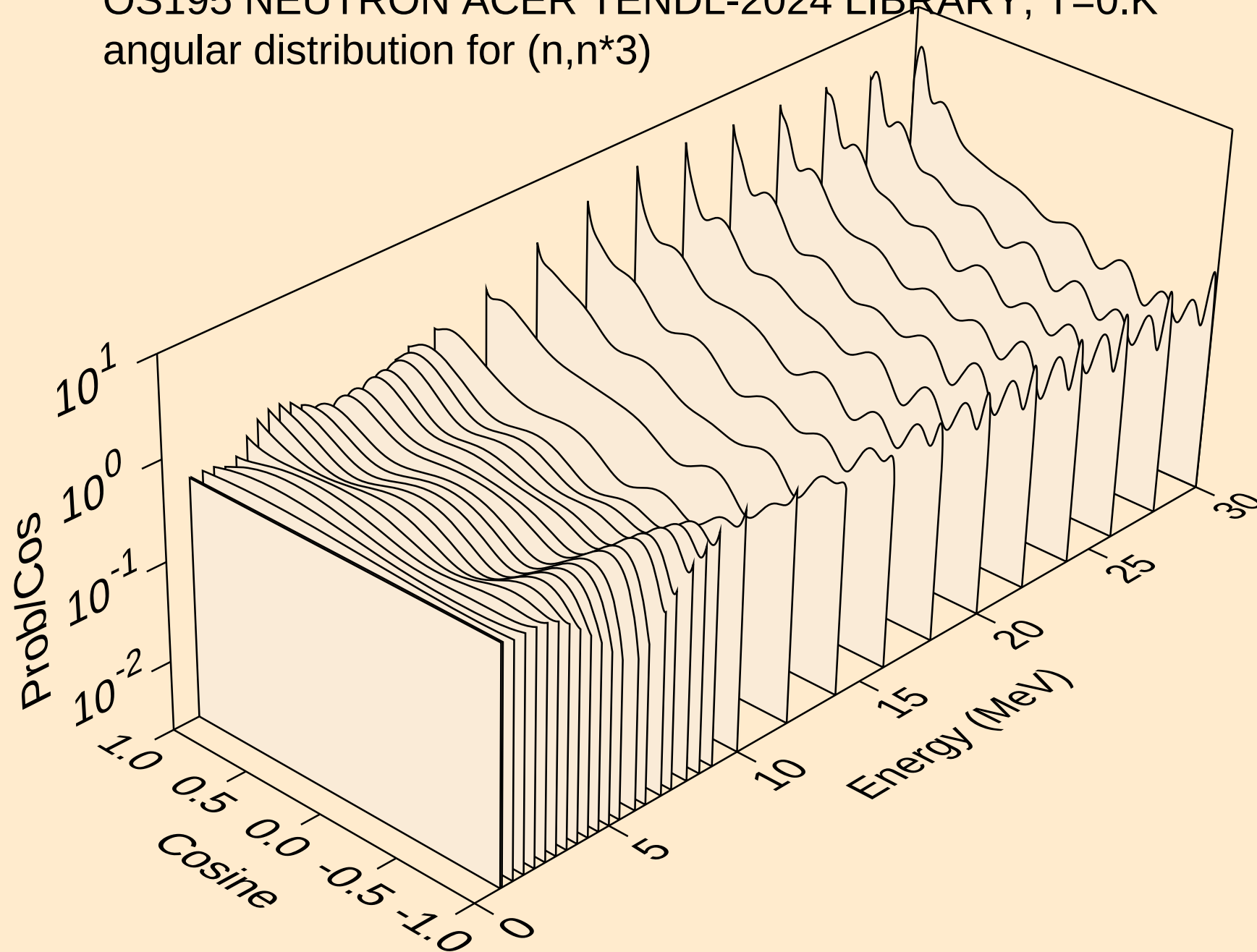
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

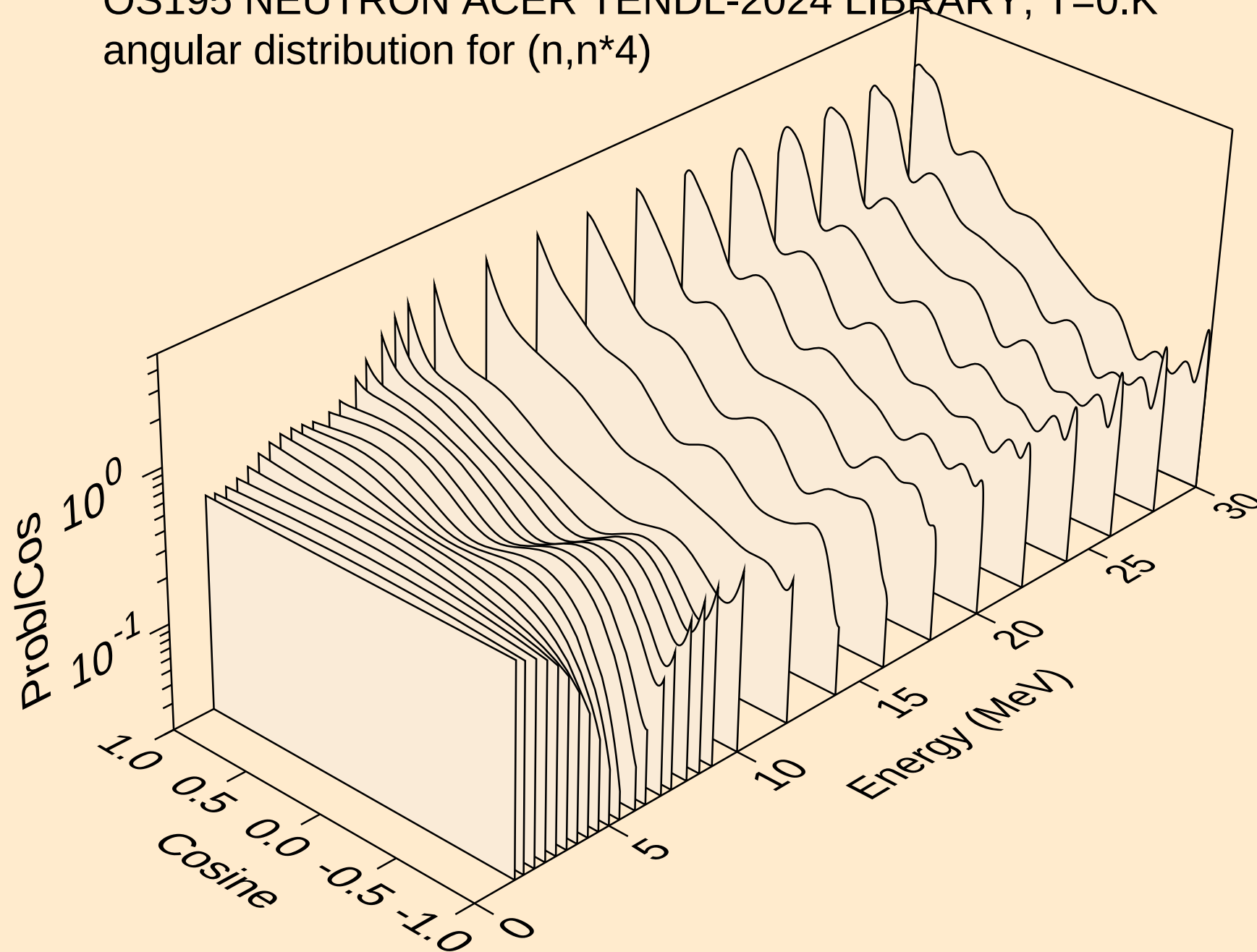


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

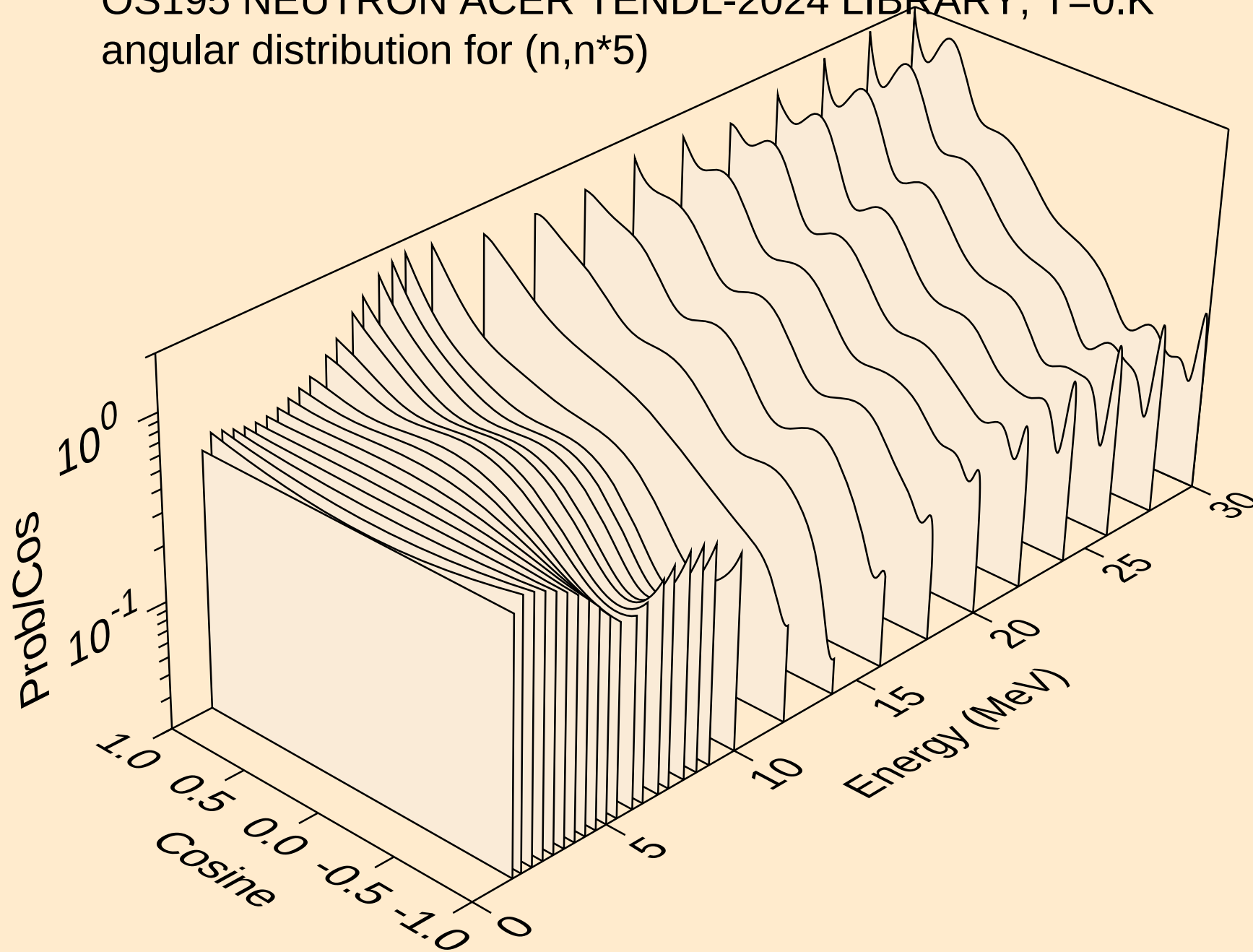




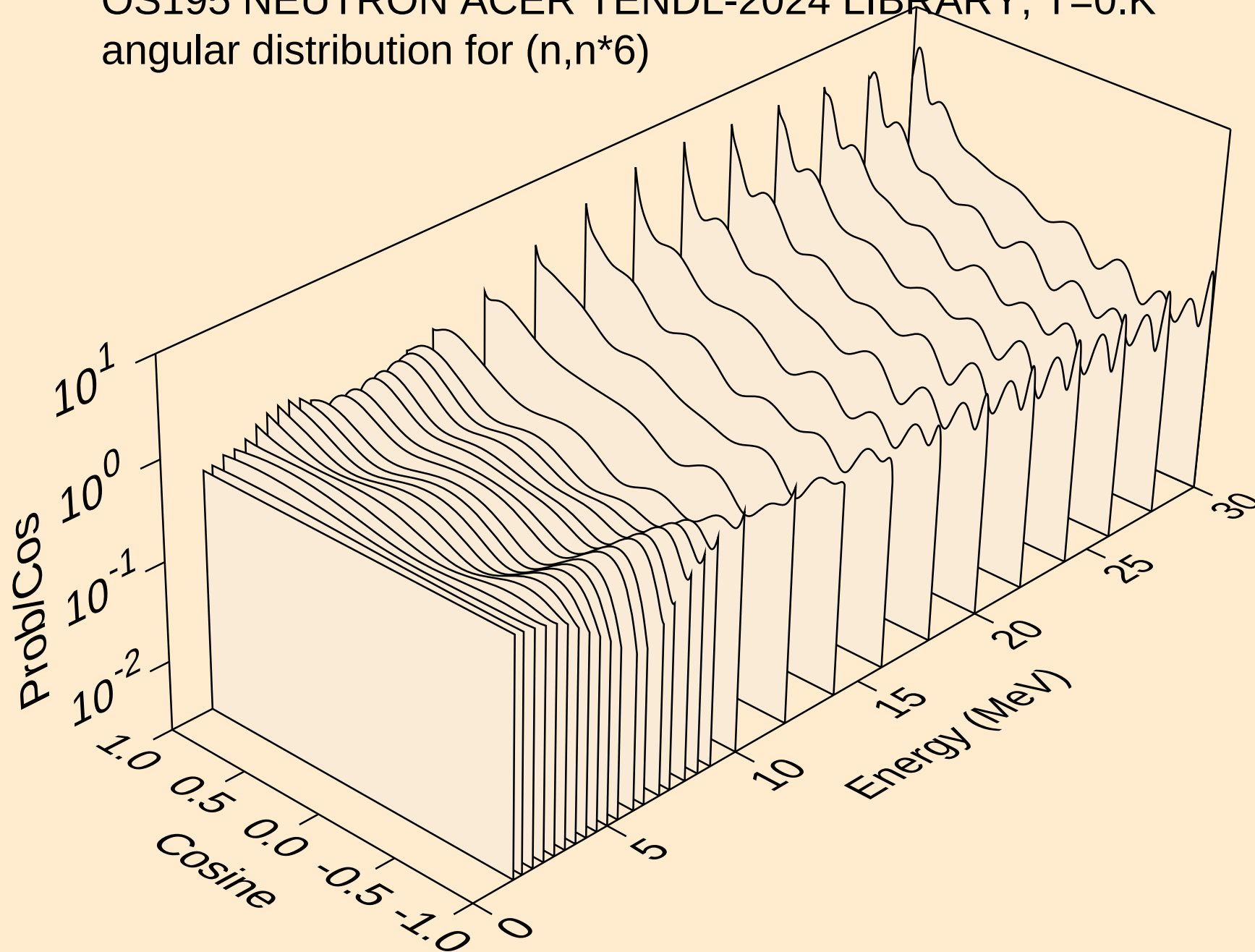
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angular distribution for (n,n\*4)



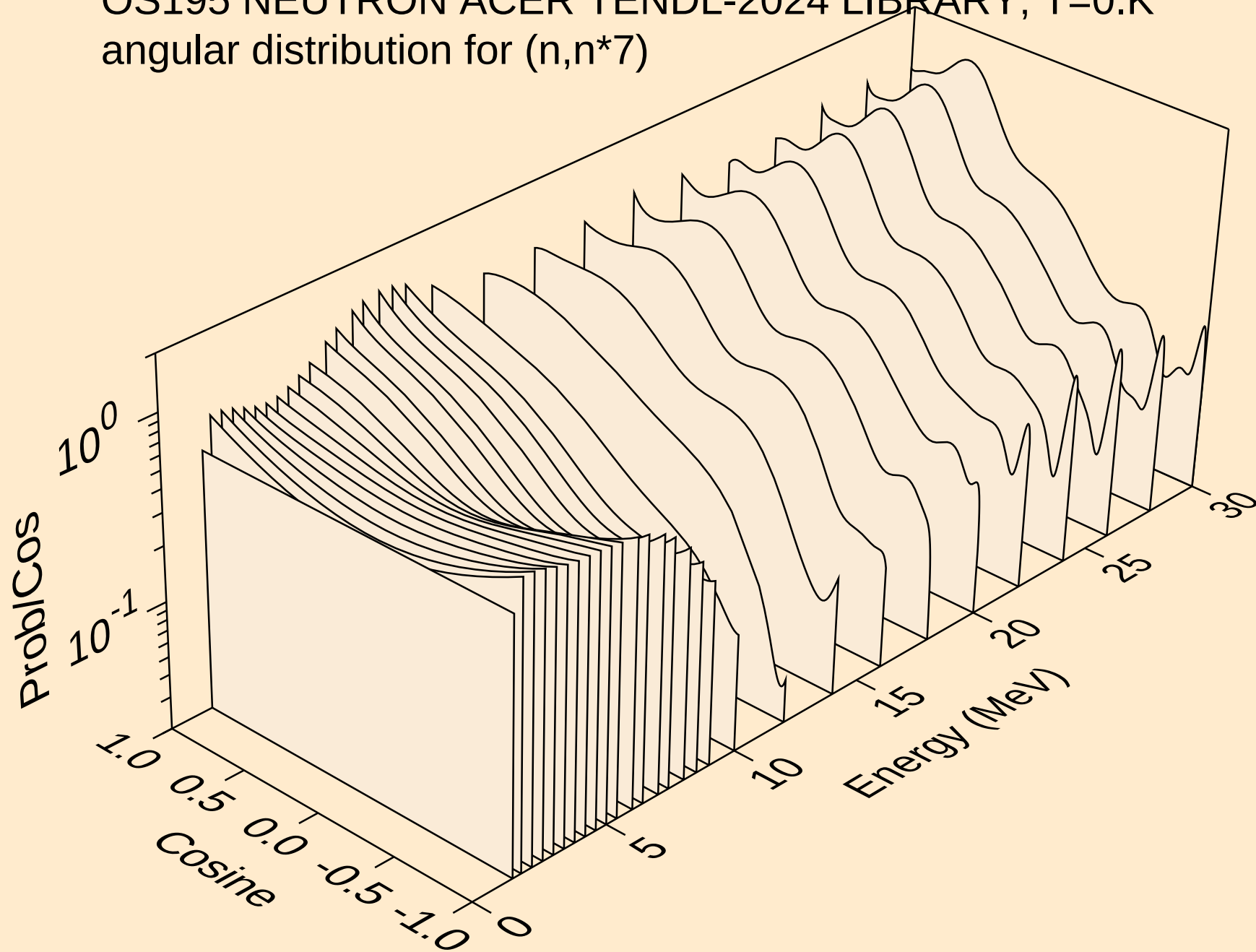
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angular distribution for (n,n\*5)



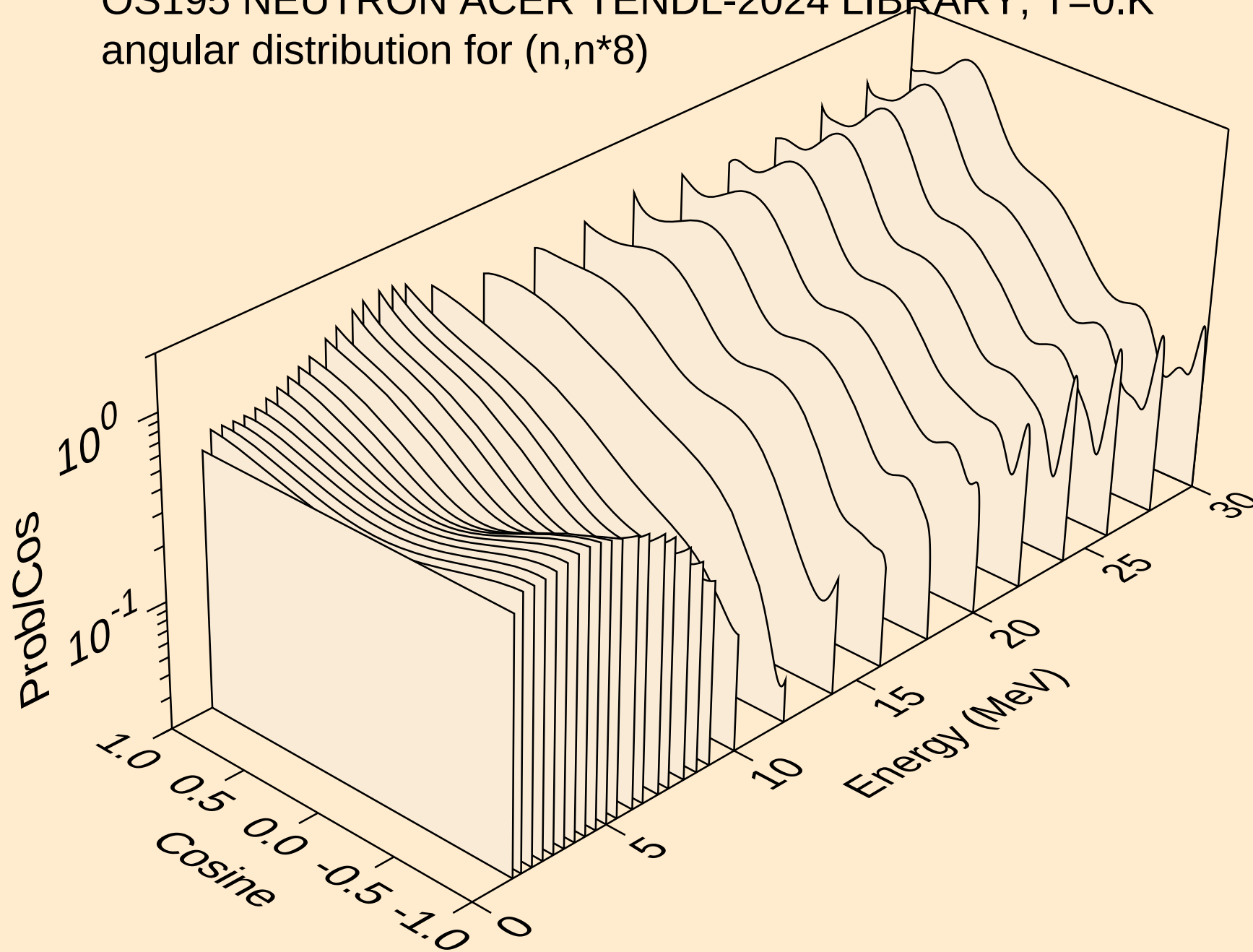
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angular distribution for (n,n\*6)



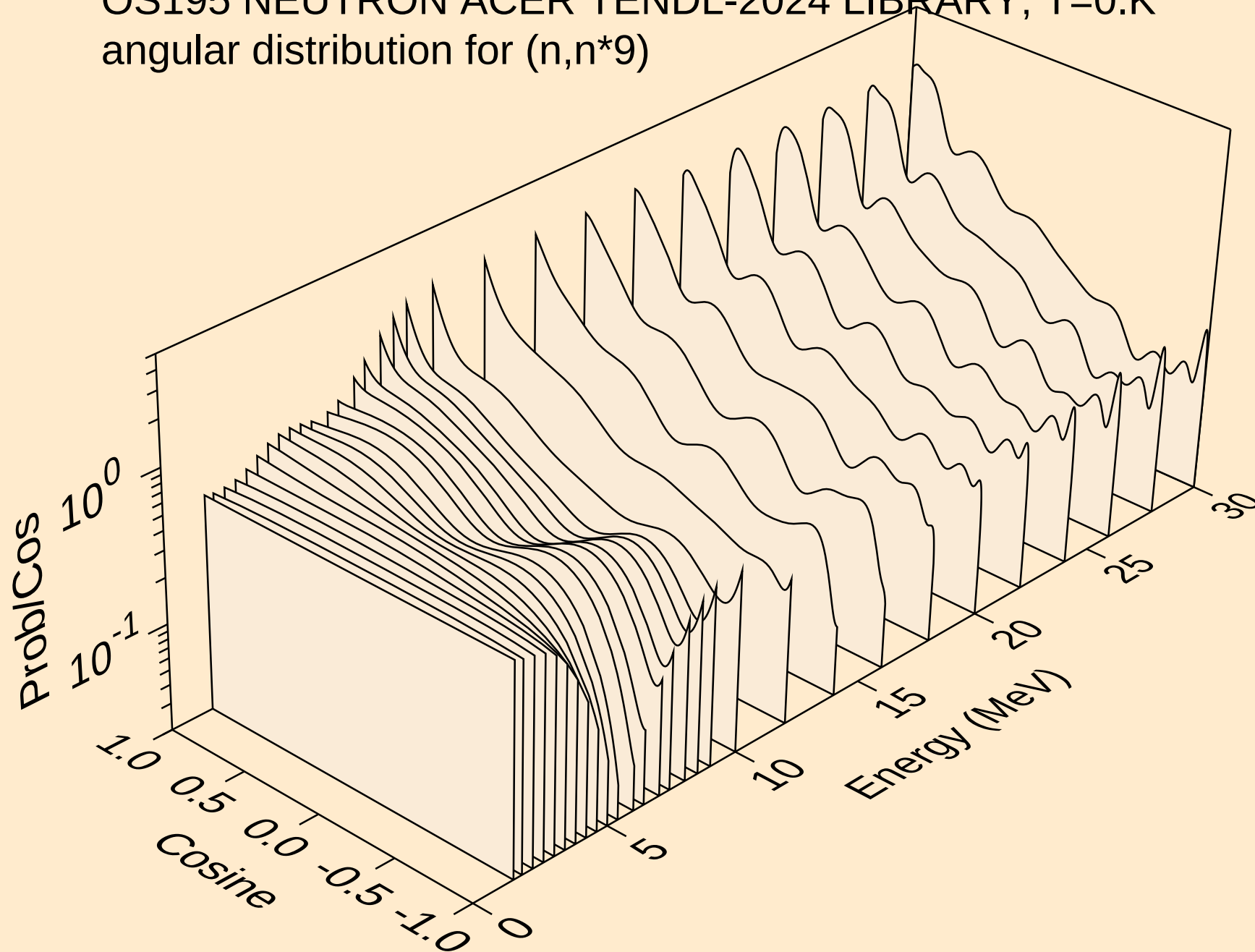
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angular distribution for (n,n\*7)



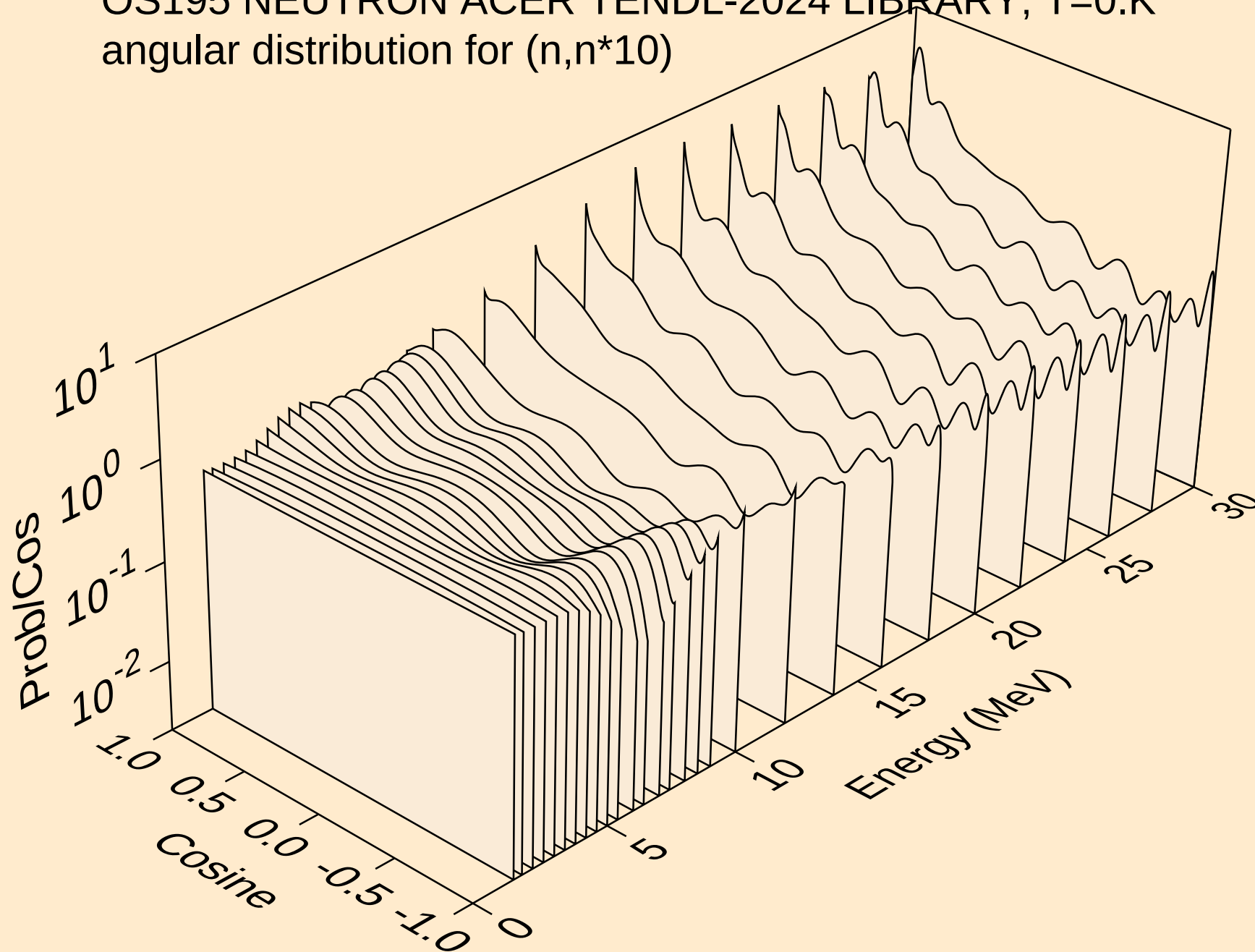
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angular distribution for (n,n\*8)



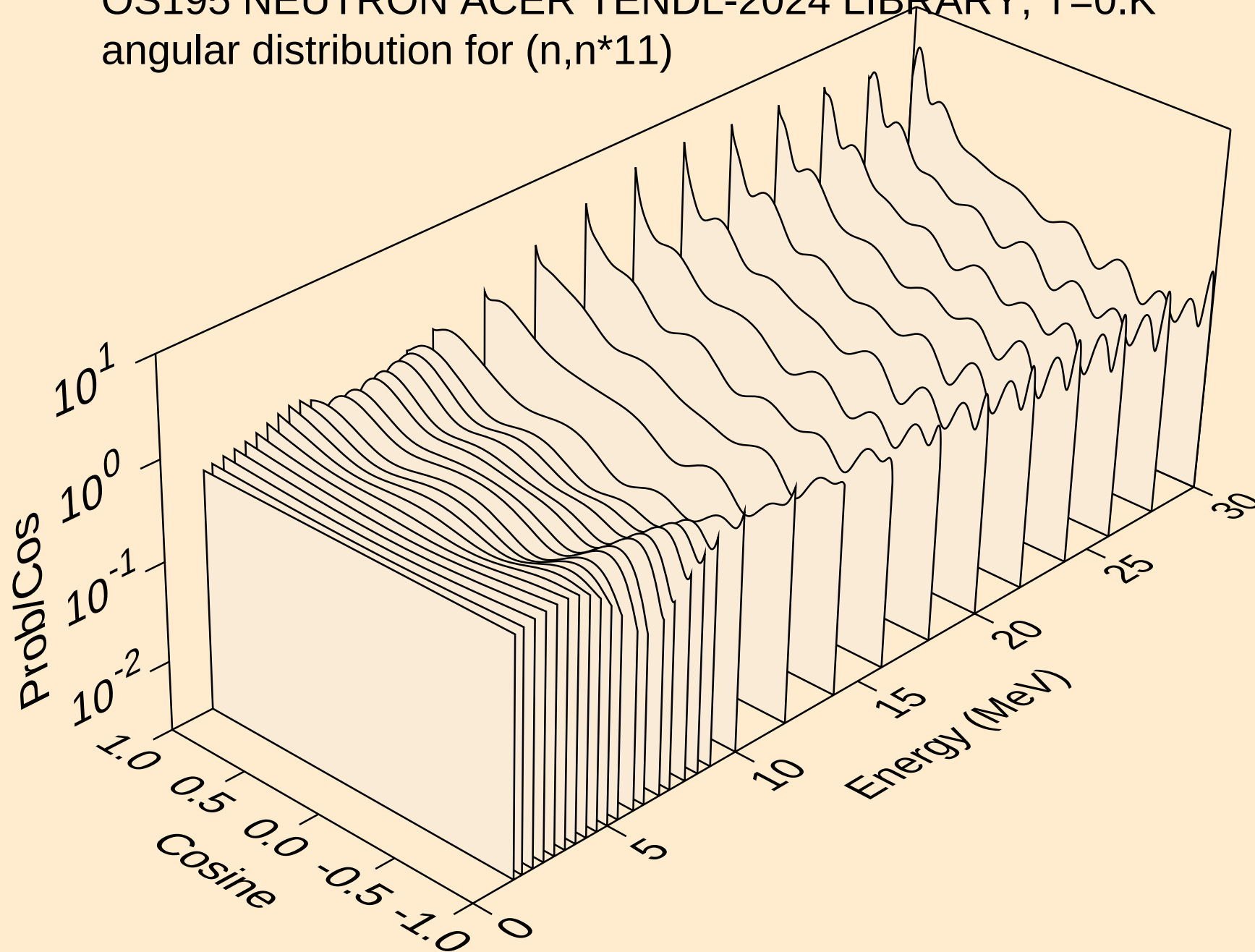
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

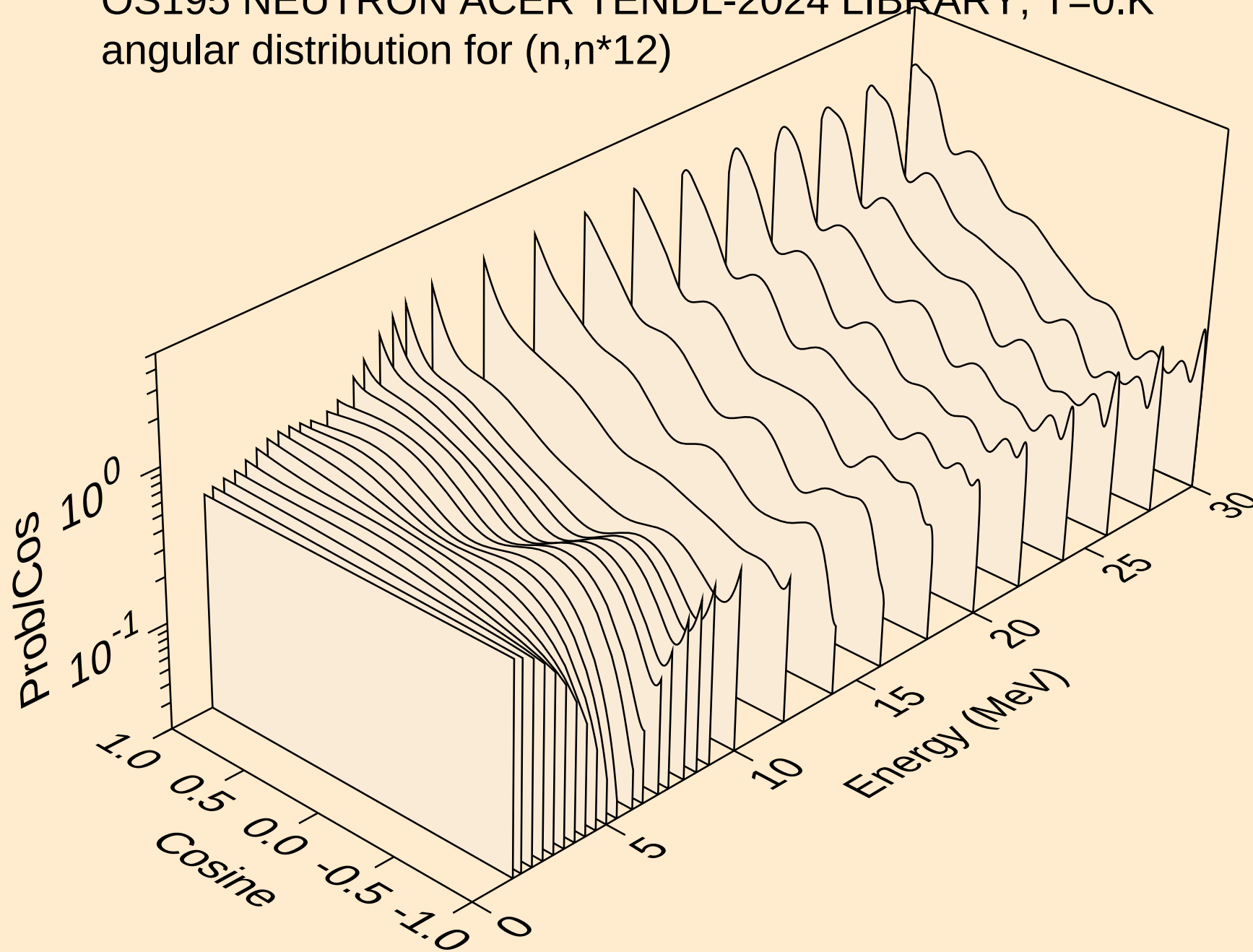


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

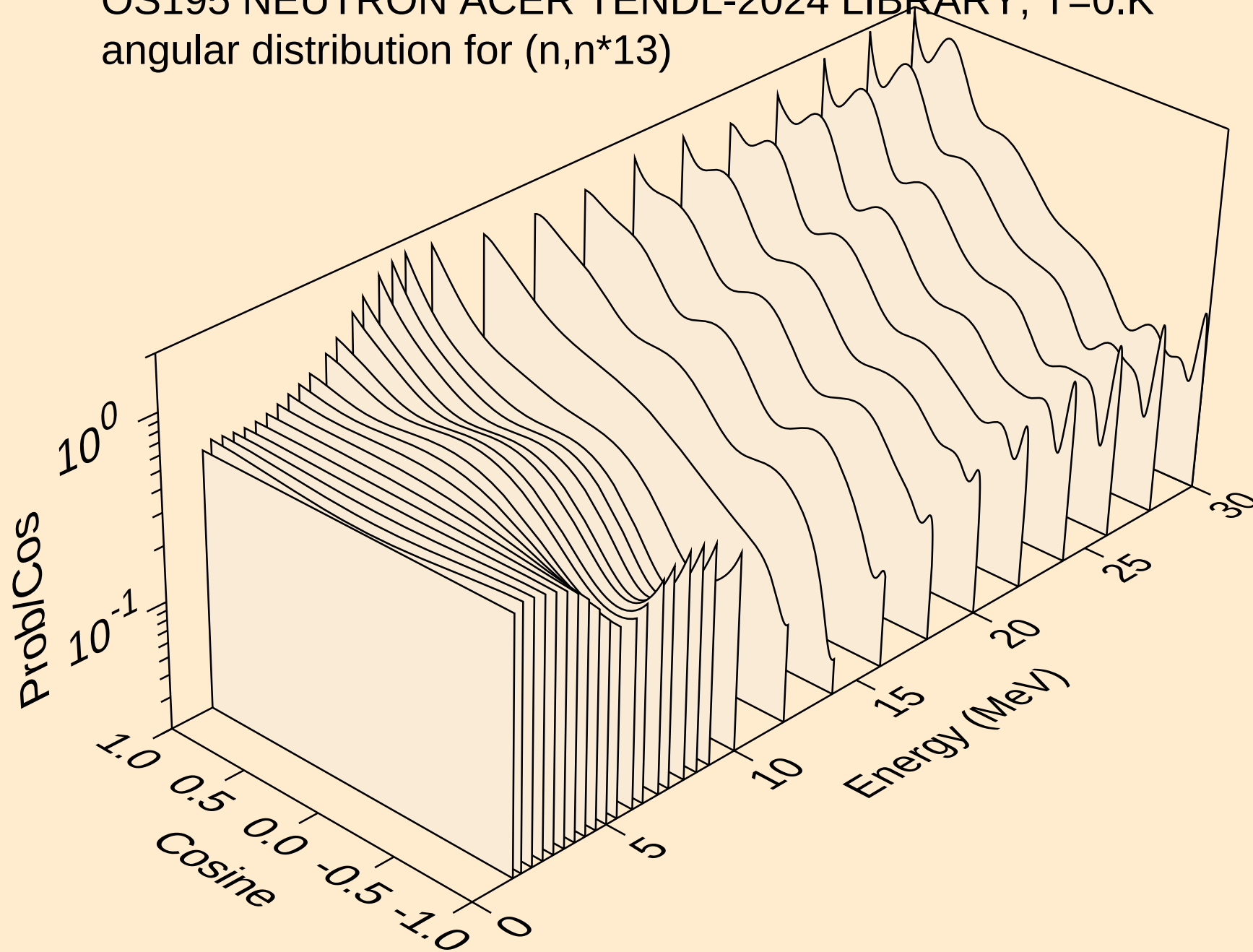




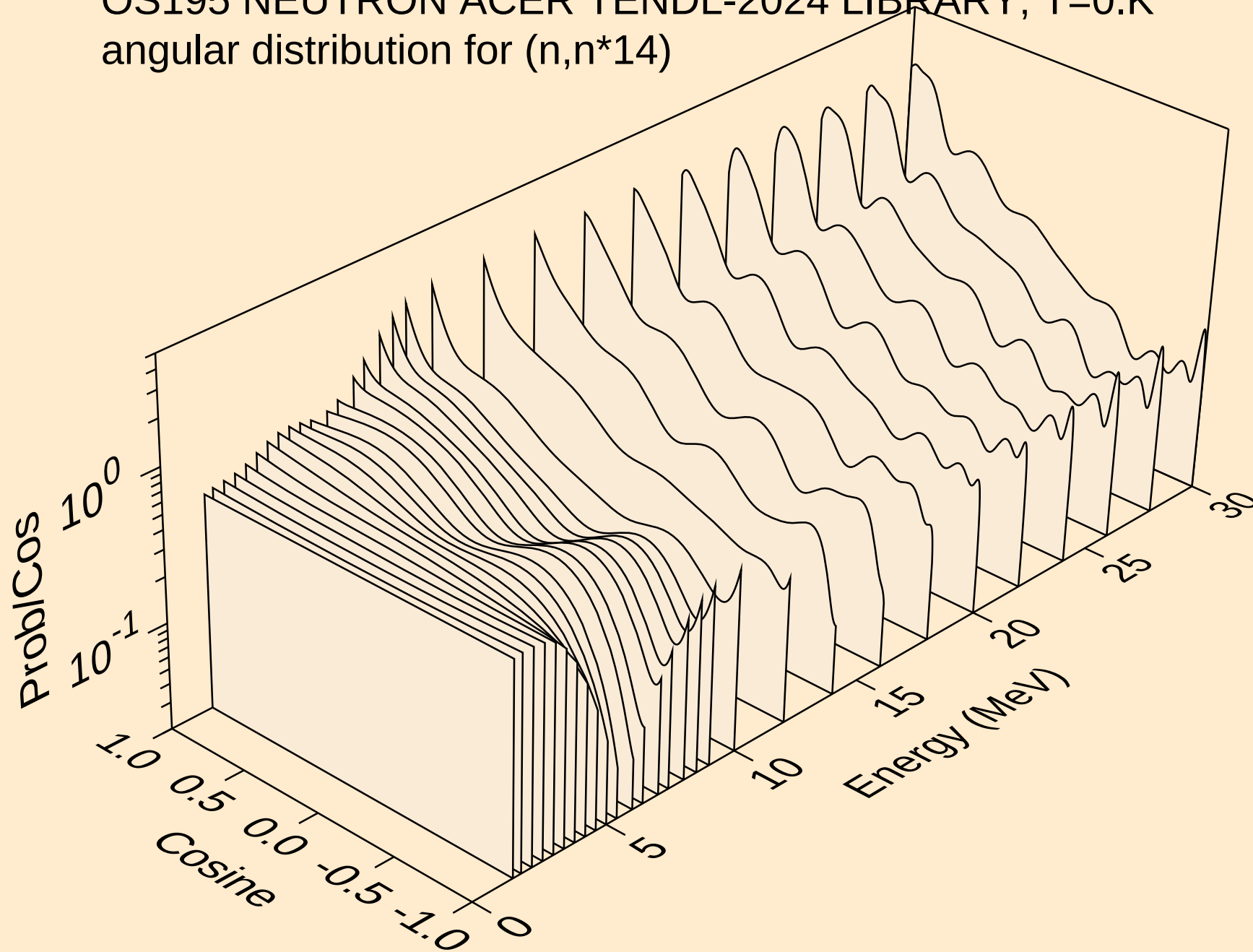
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angular distribution for (n,n\*12)



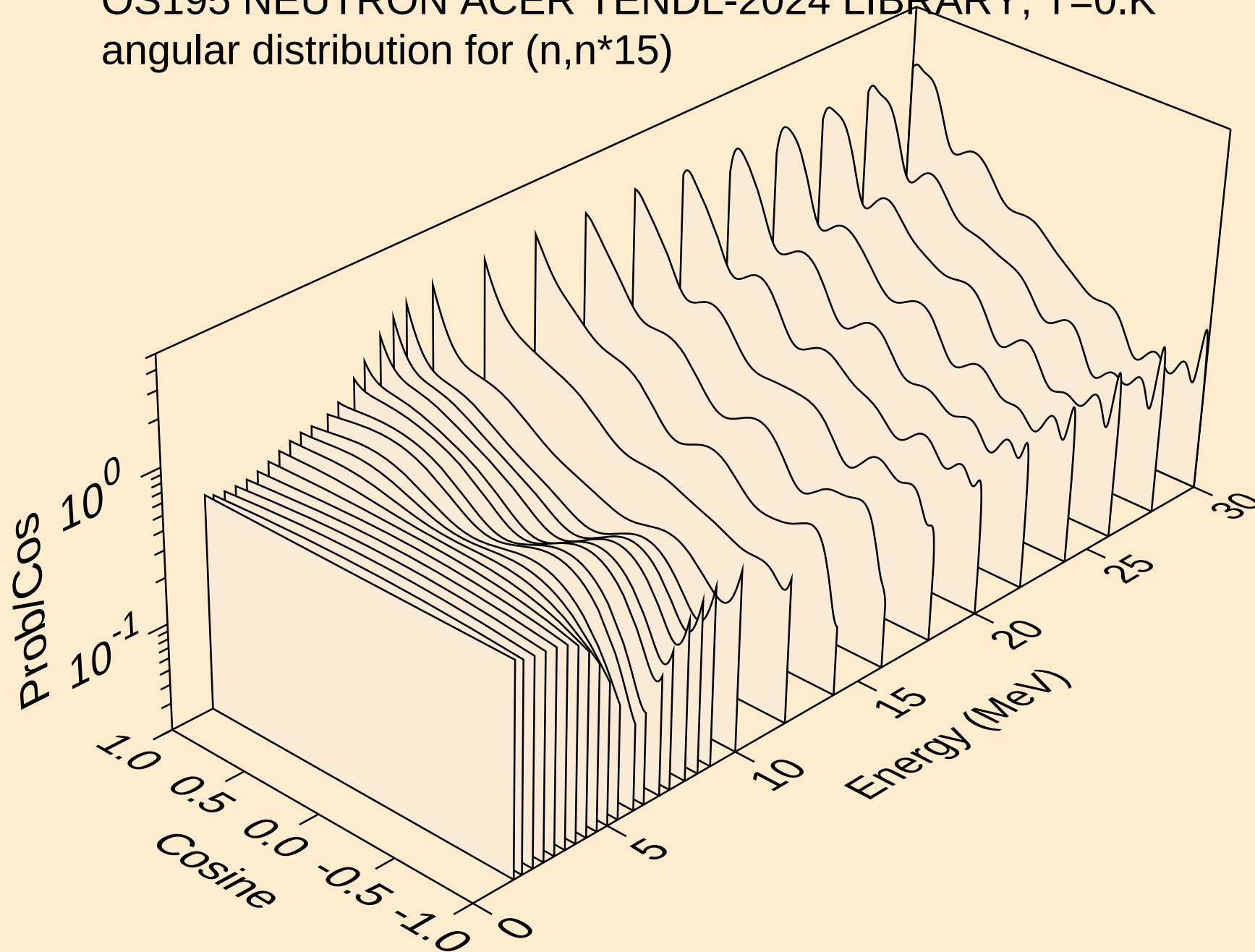
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angular distribution for (n,n\*13)



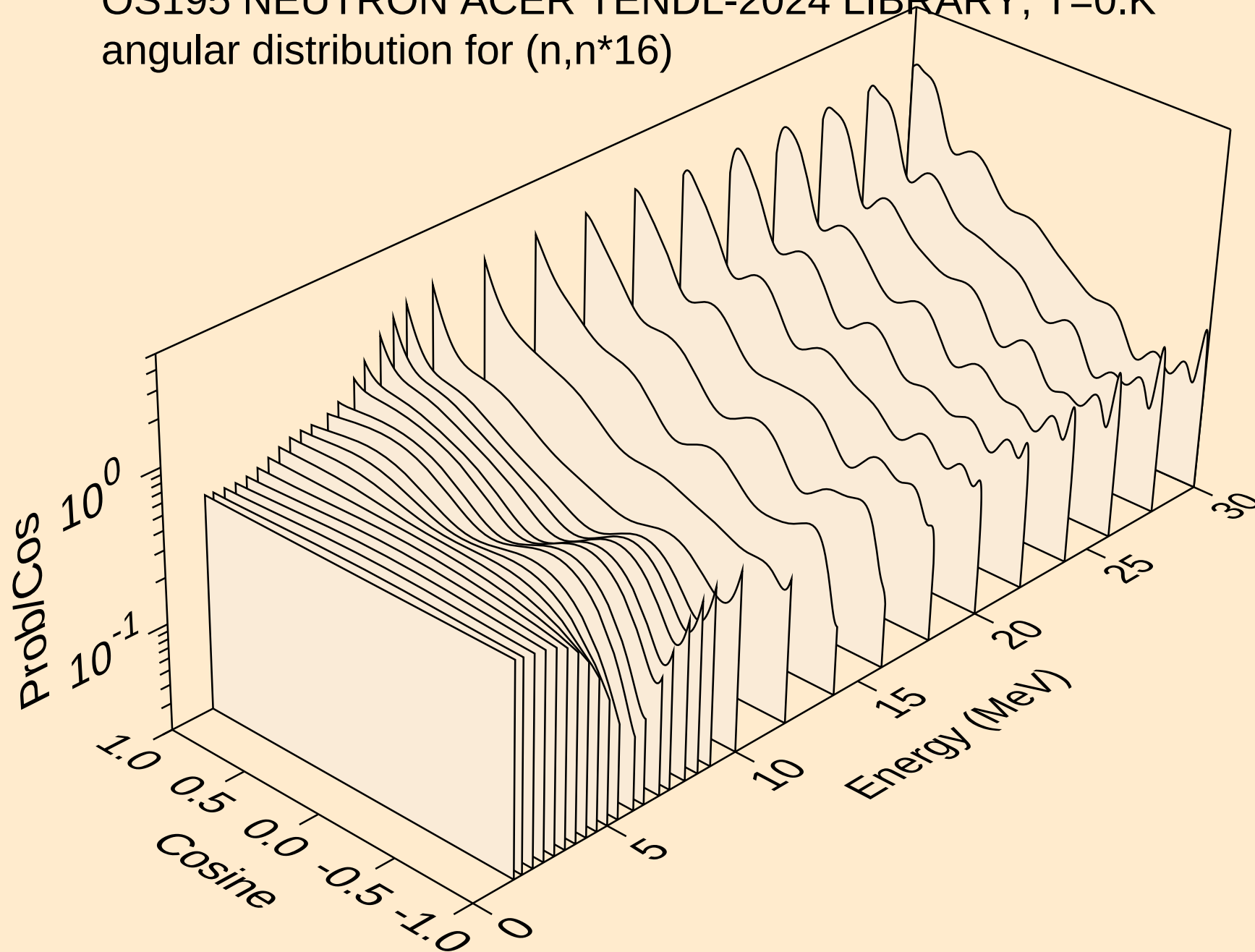
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angular distribution for (n,n\*14)



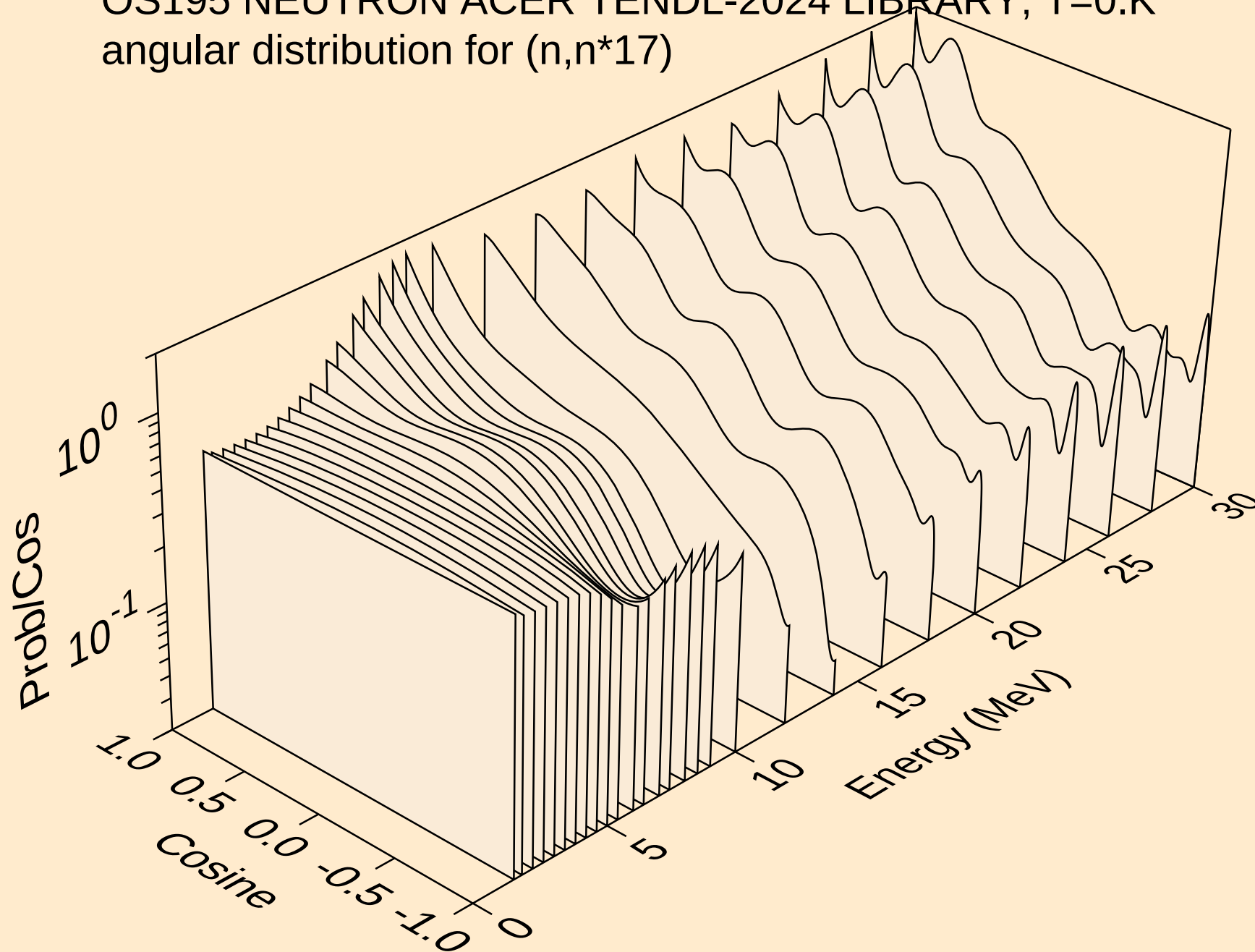
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angular distribution for (n,n\*15)



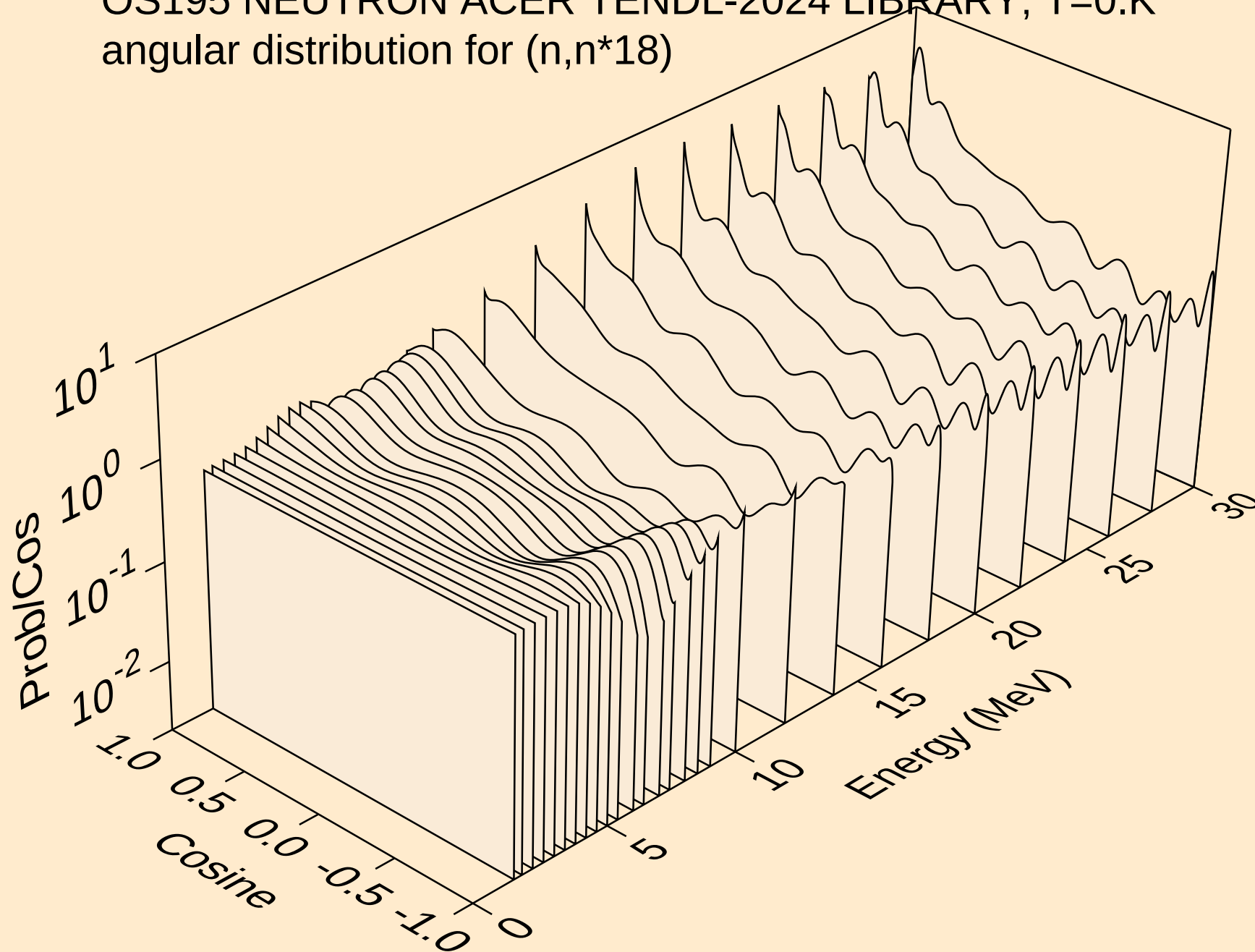
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angular distribution for (n,n\*16)



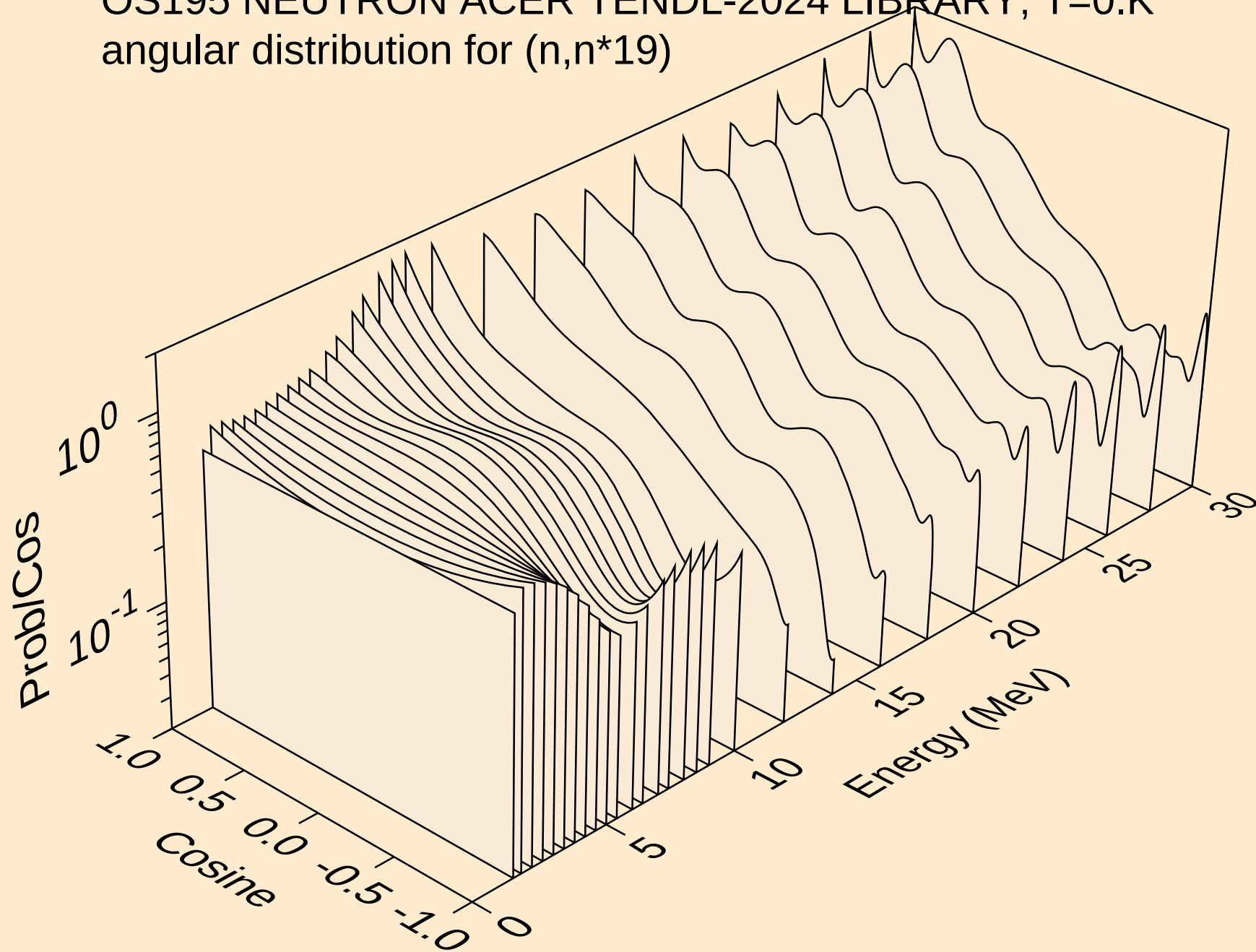
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

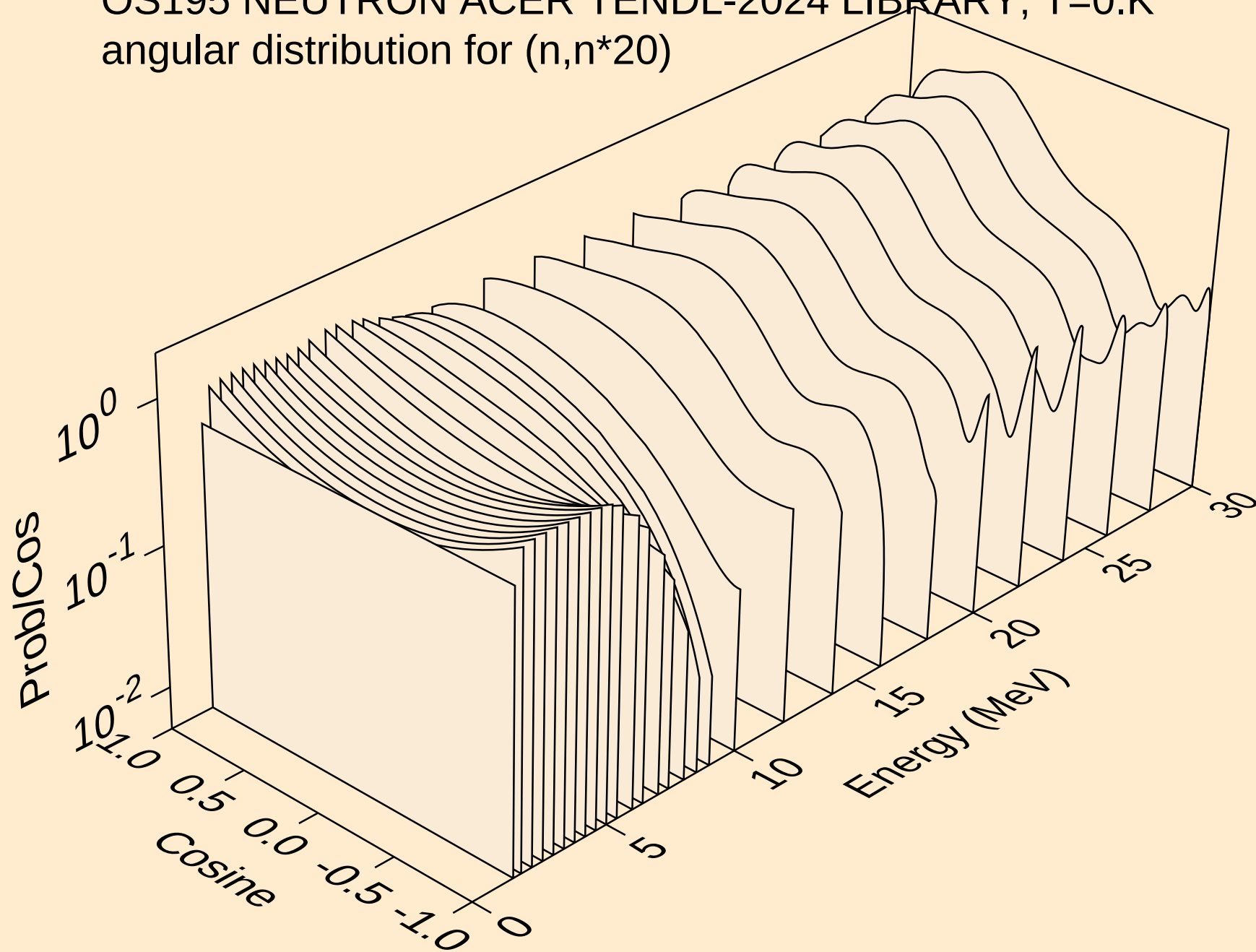


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

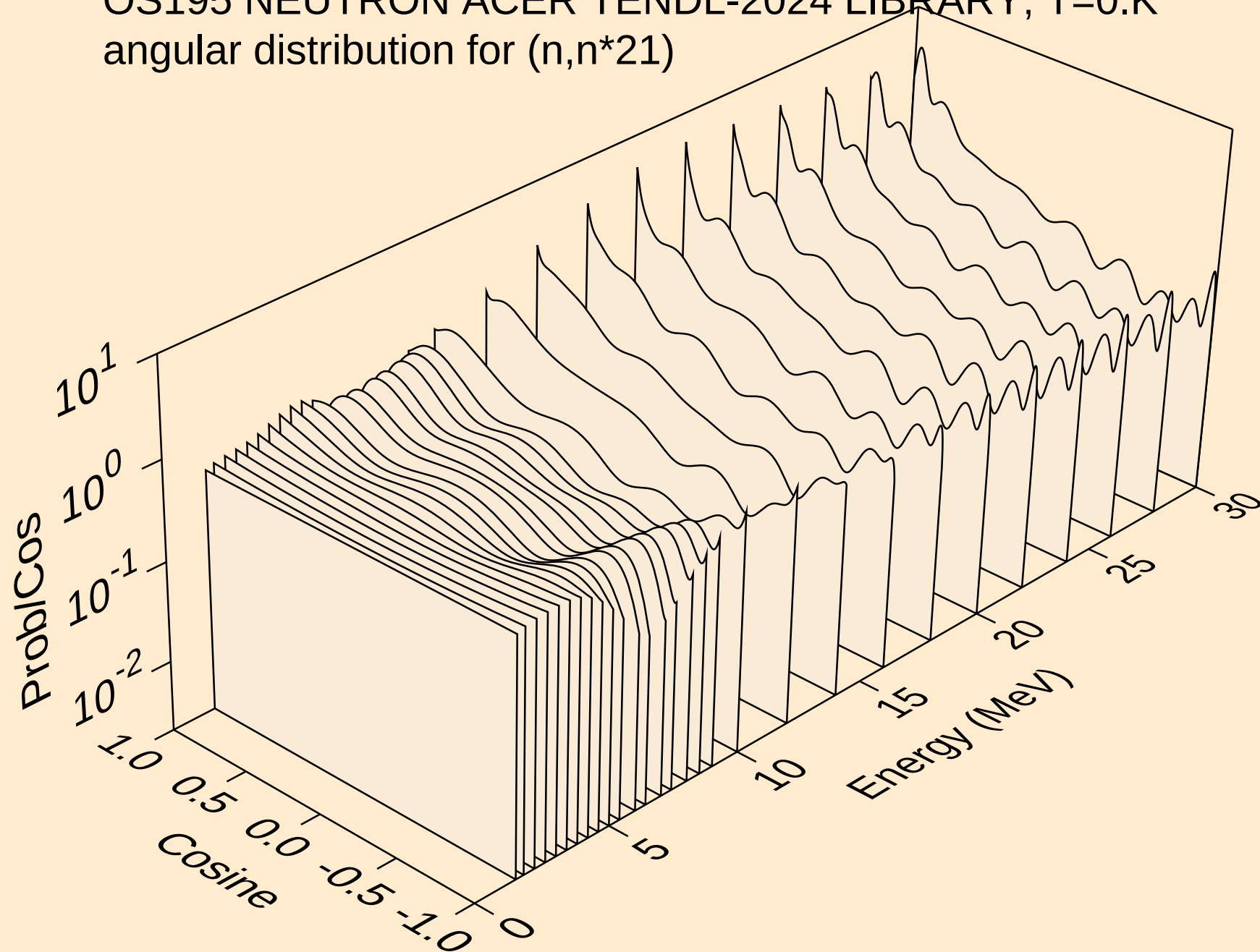




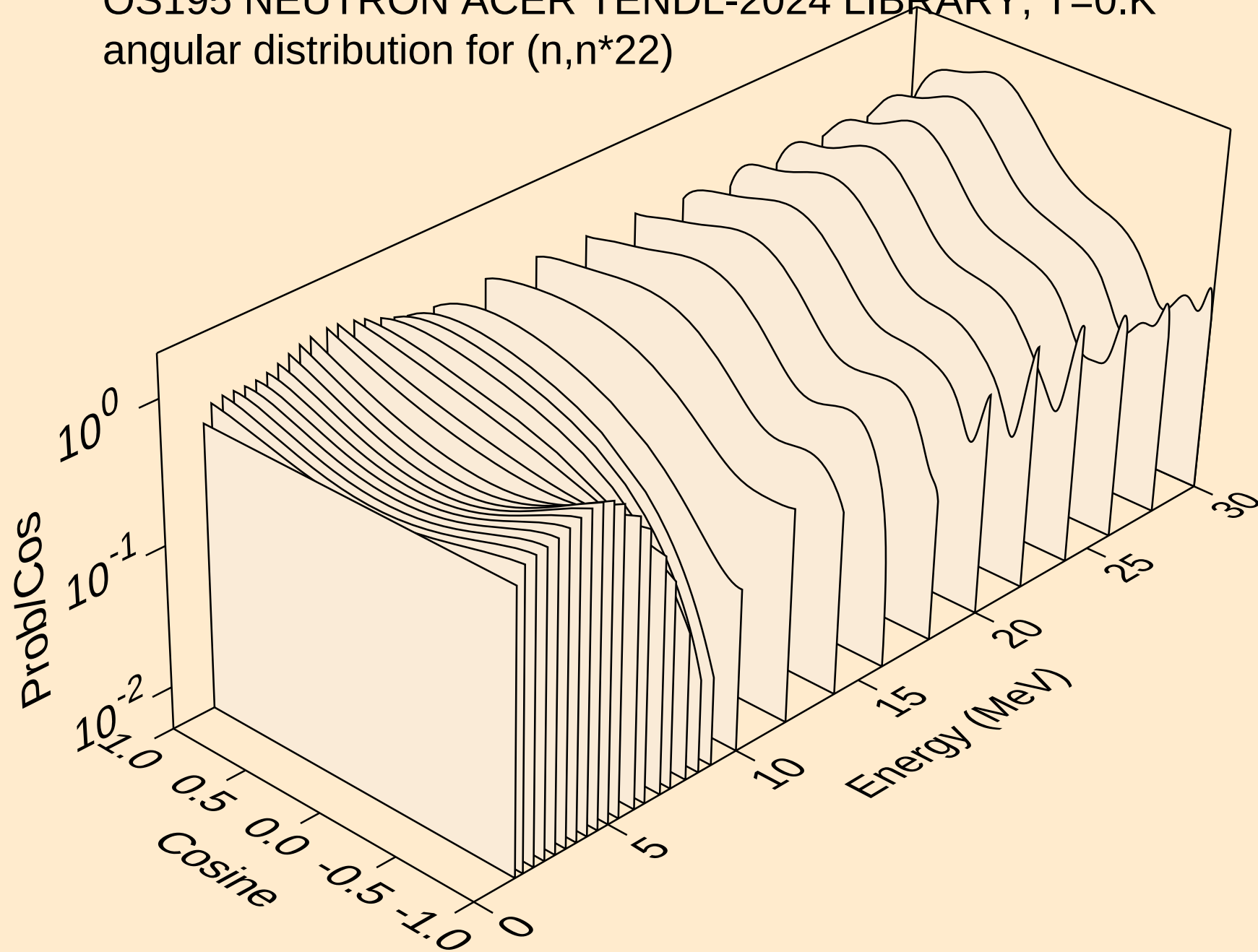
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angular distribution for (n,n\*20)



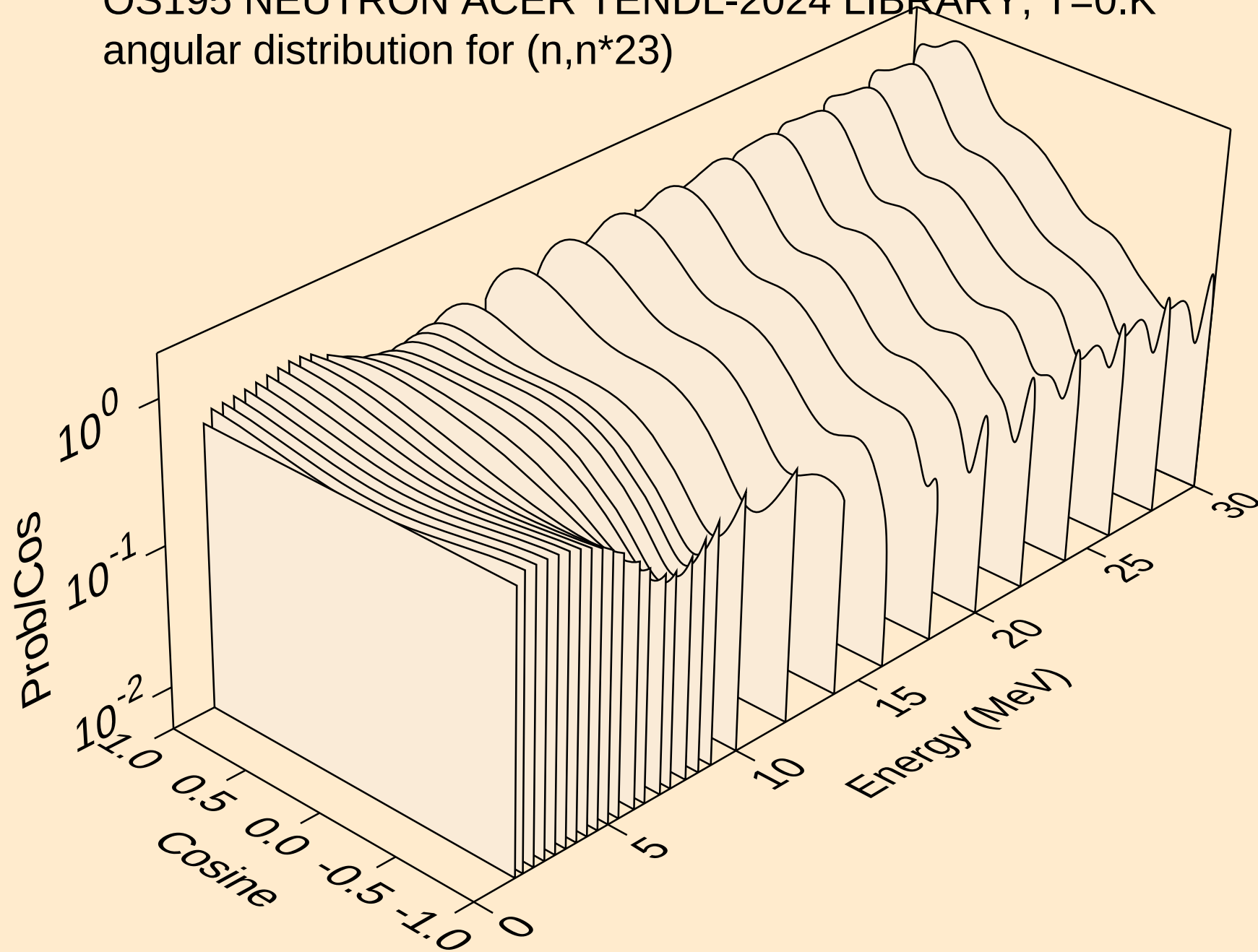
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angular distribution for (n,n\*21)



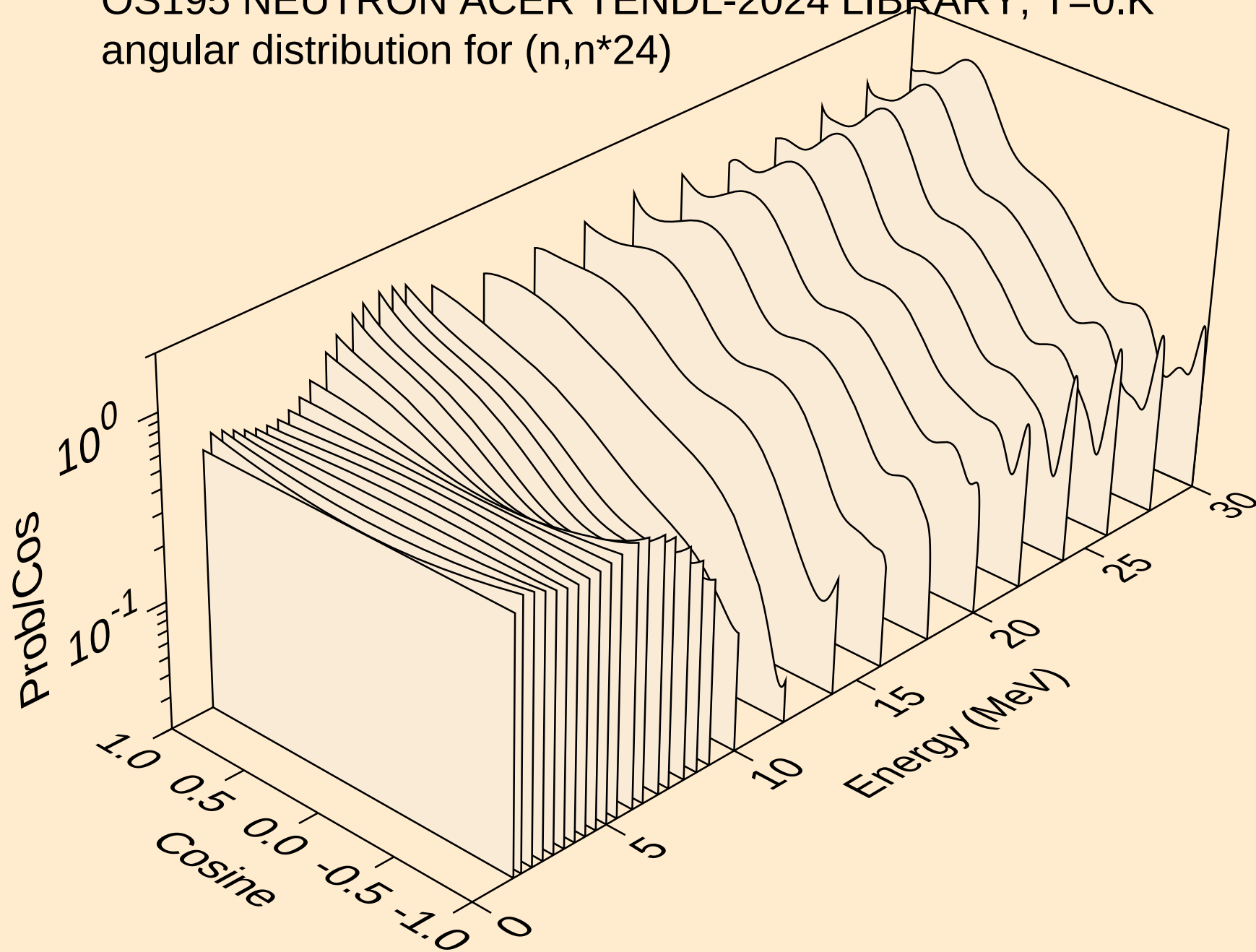
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angular distribution for (n,n\*22)



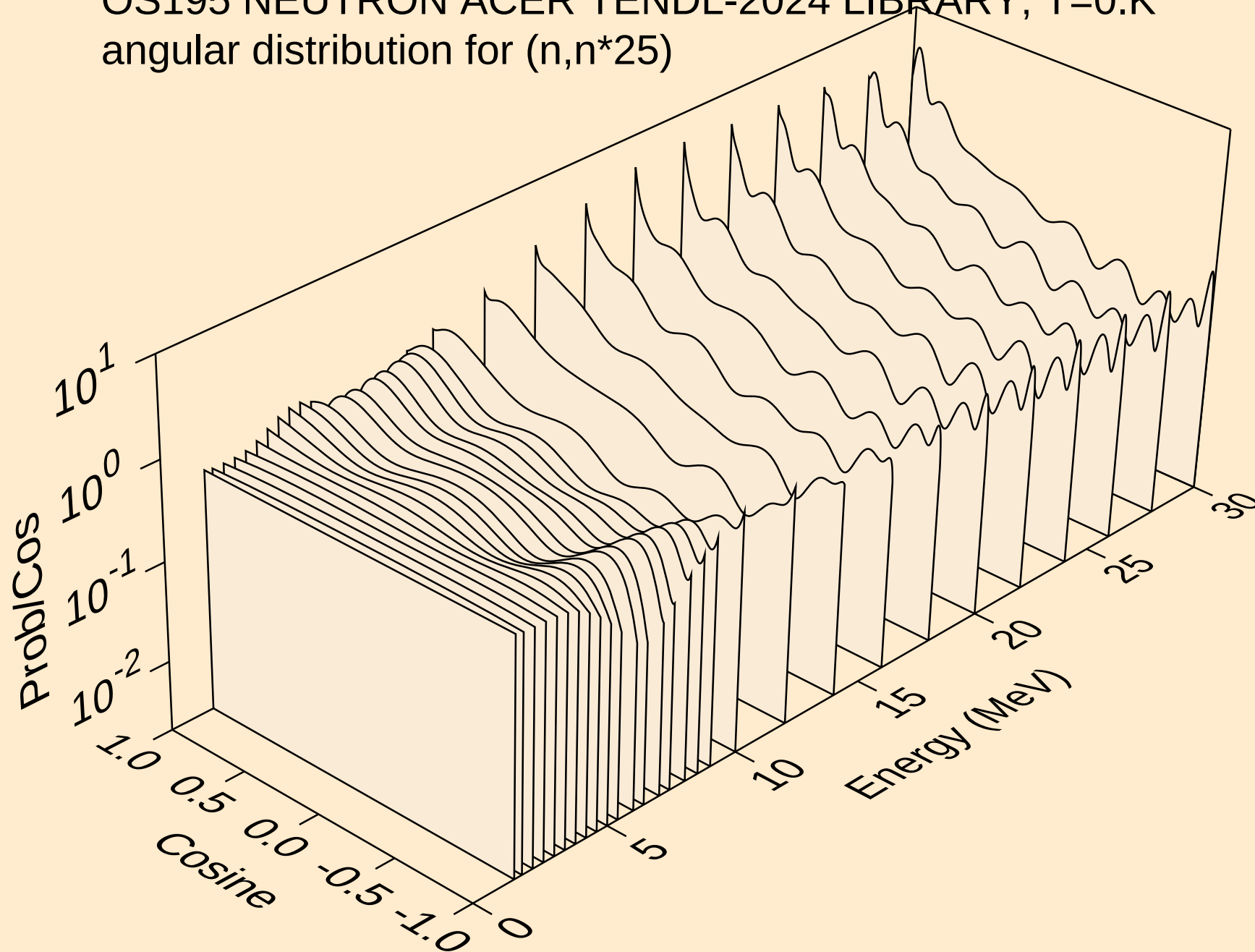
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angular distribution for (n,n\*23)



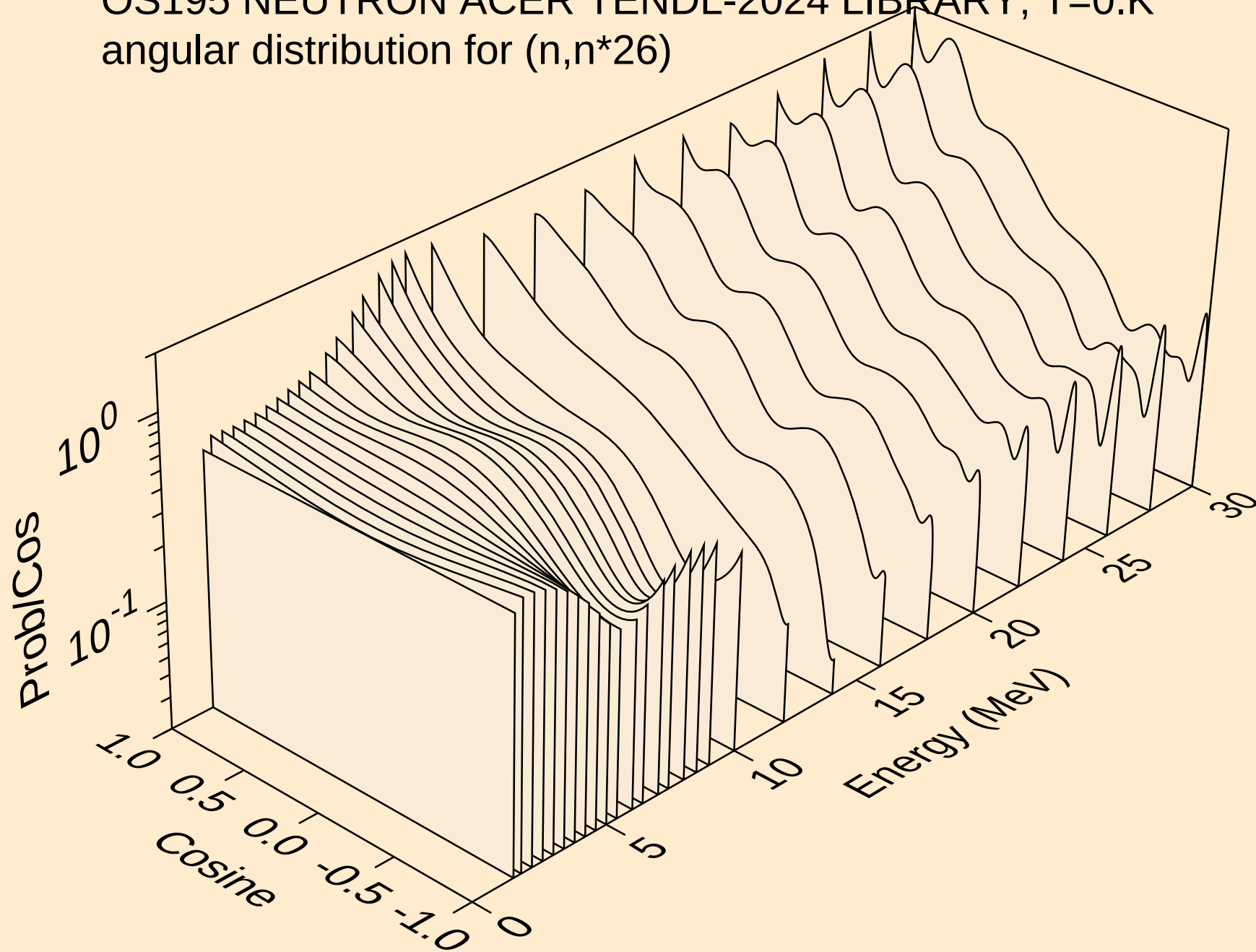
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angular distribution for (n,n\*24)



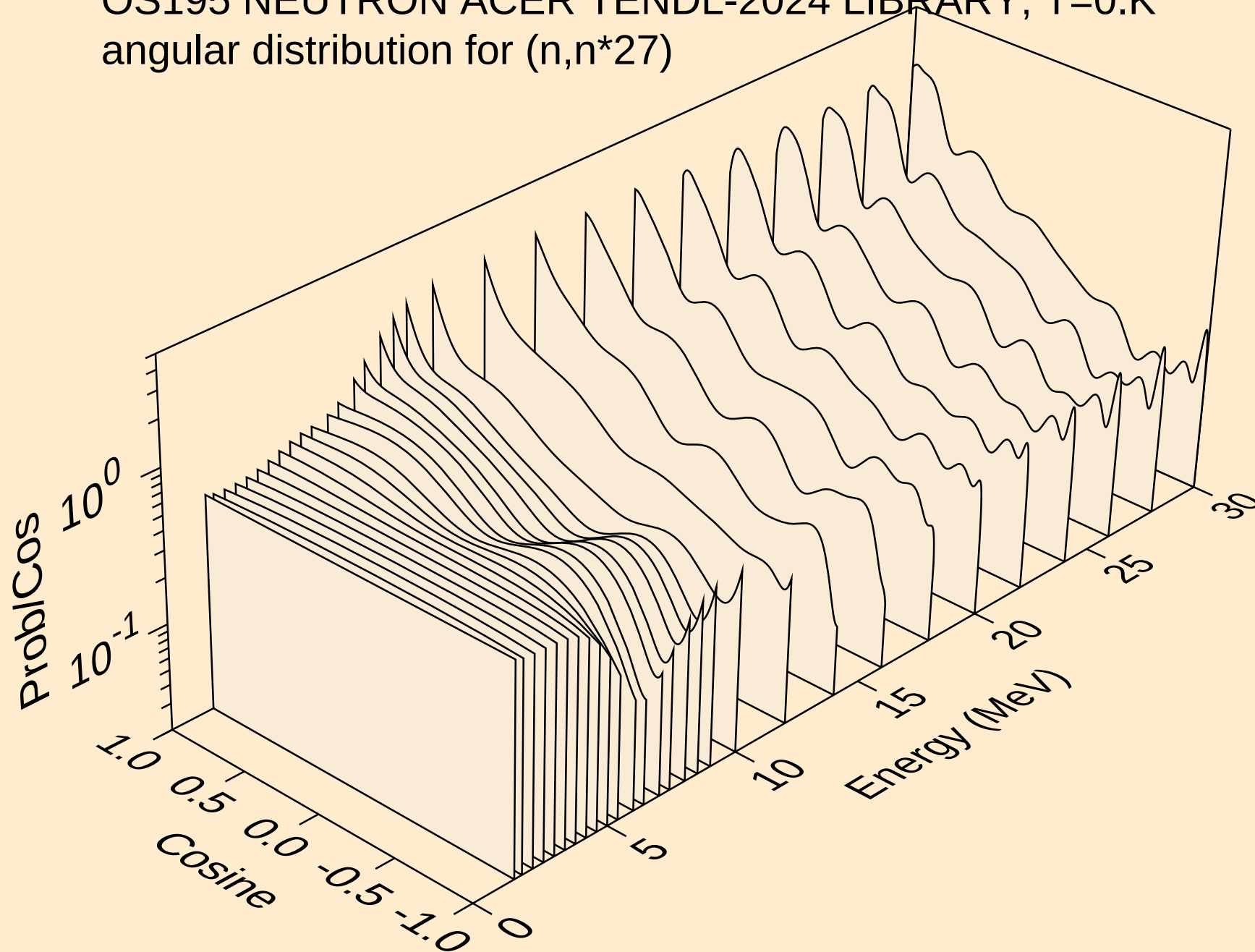
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

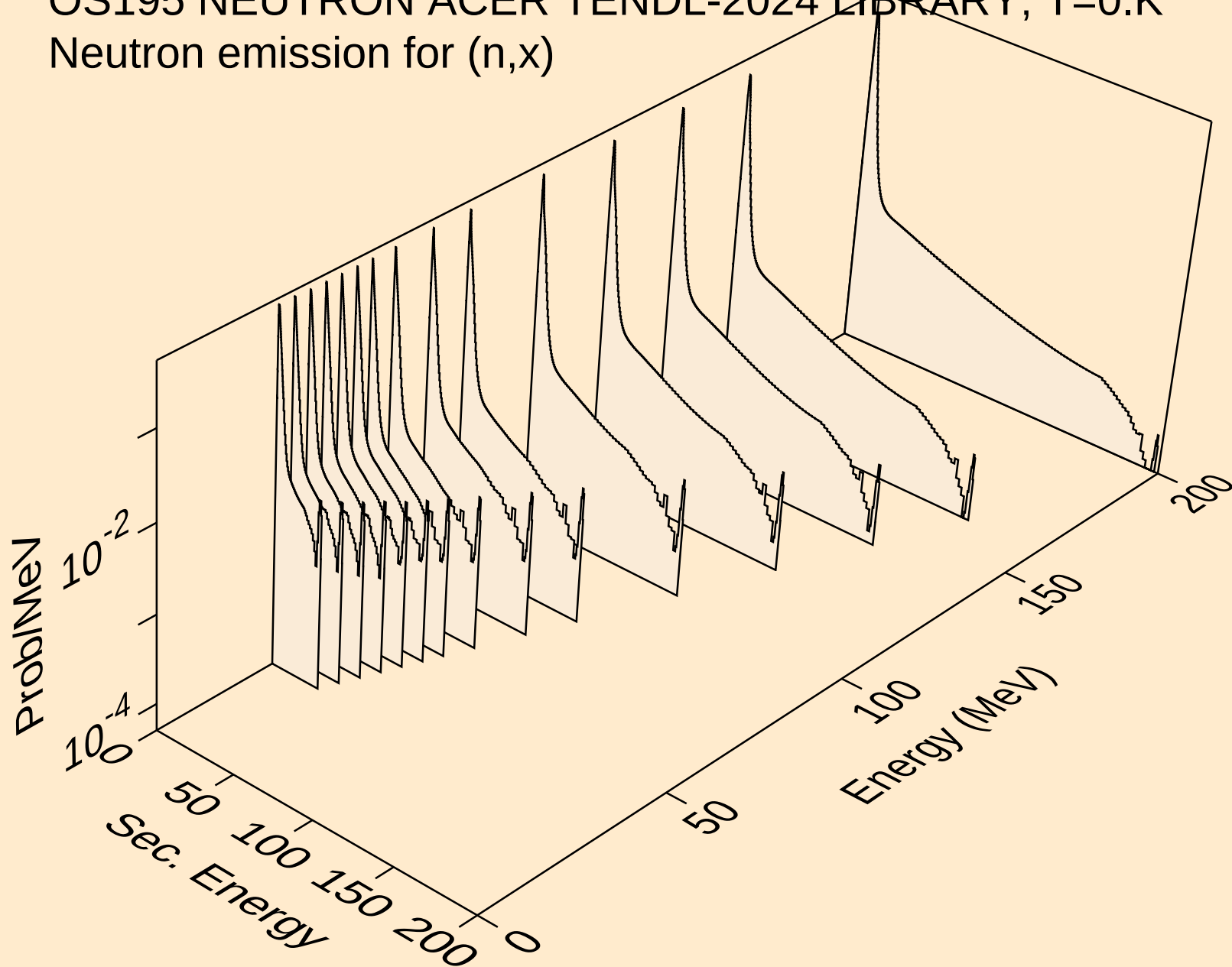


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

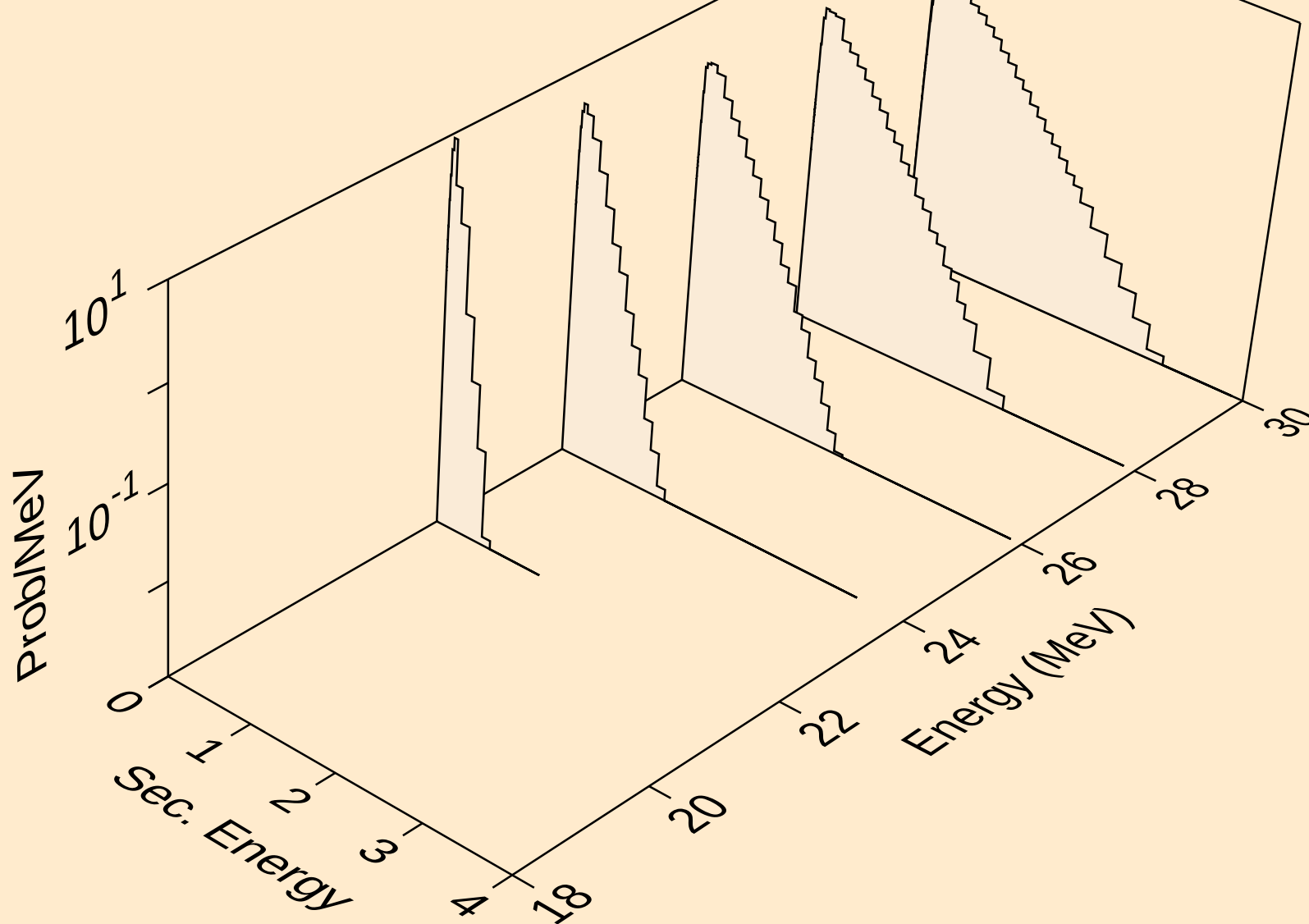




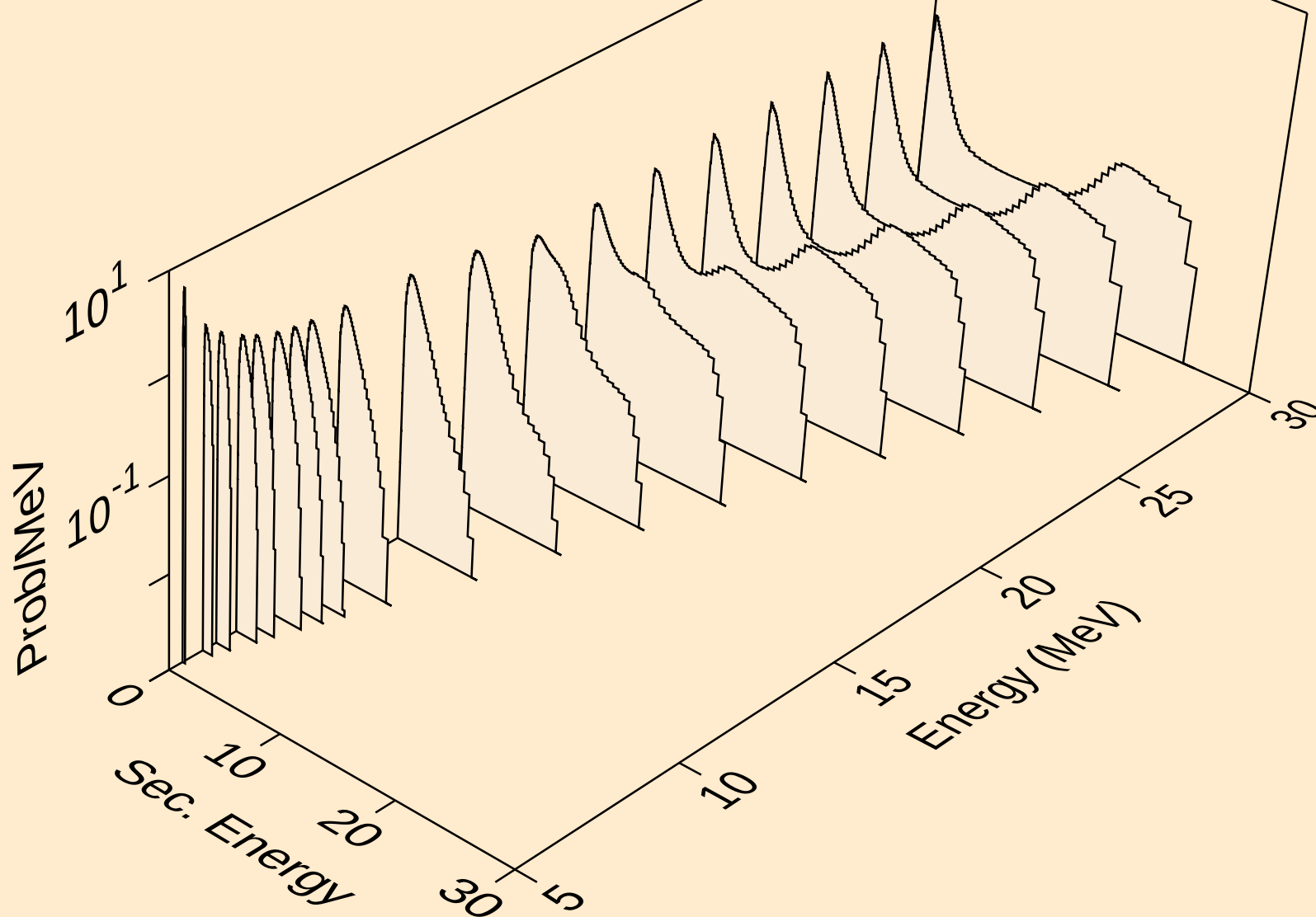
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



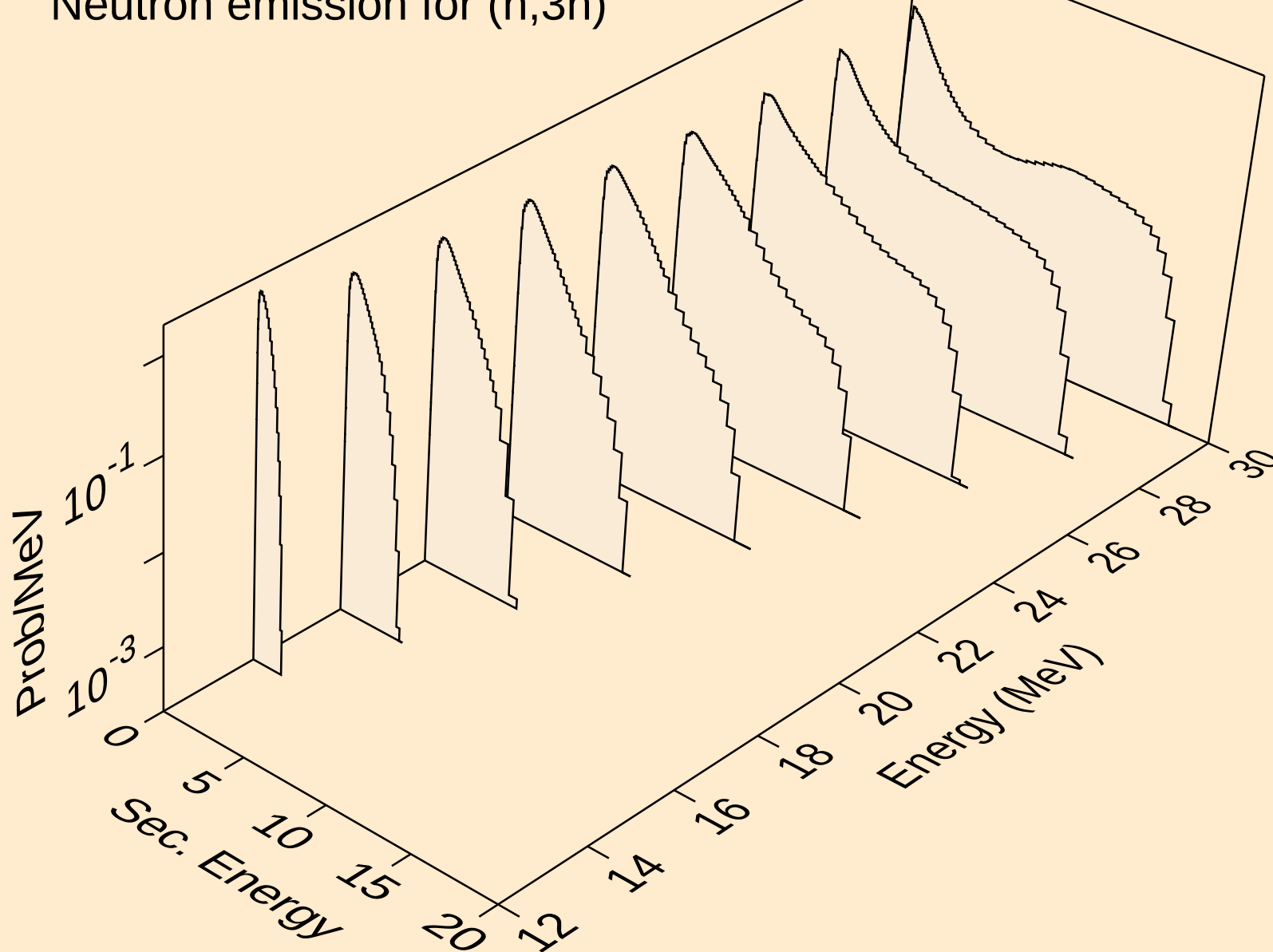
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



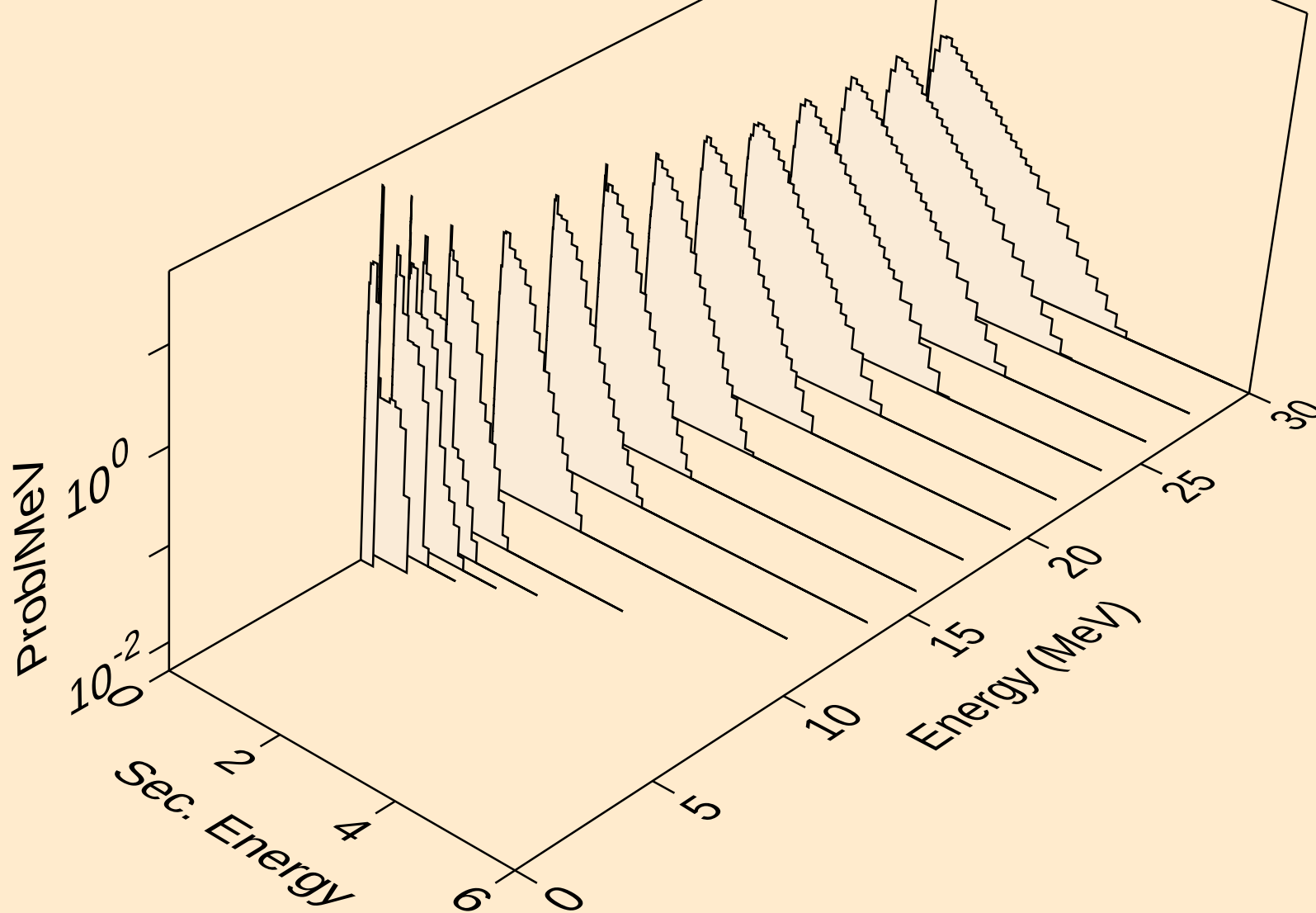
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



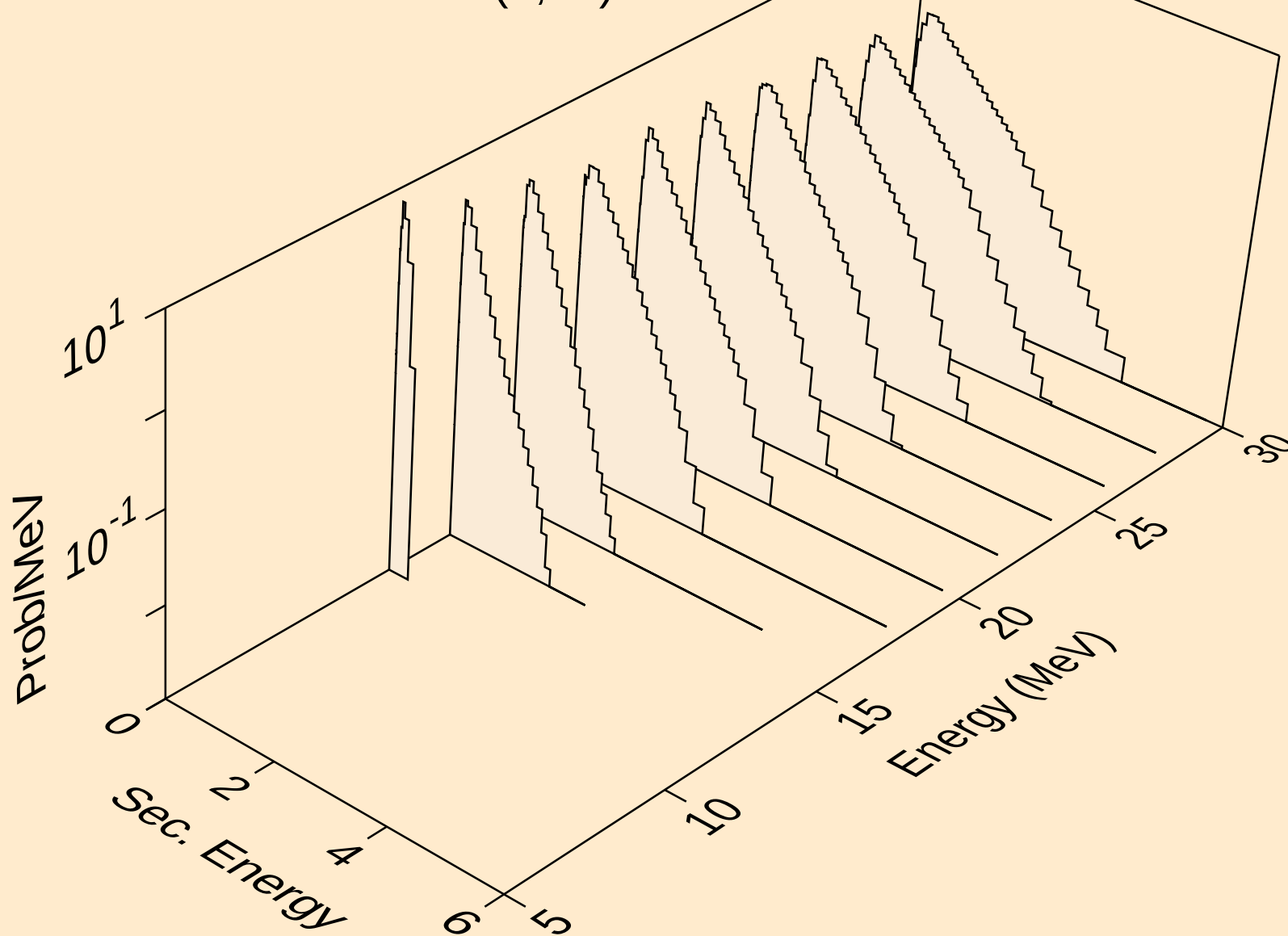
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



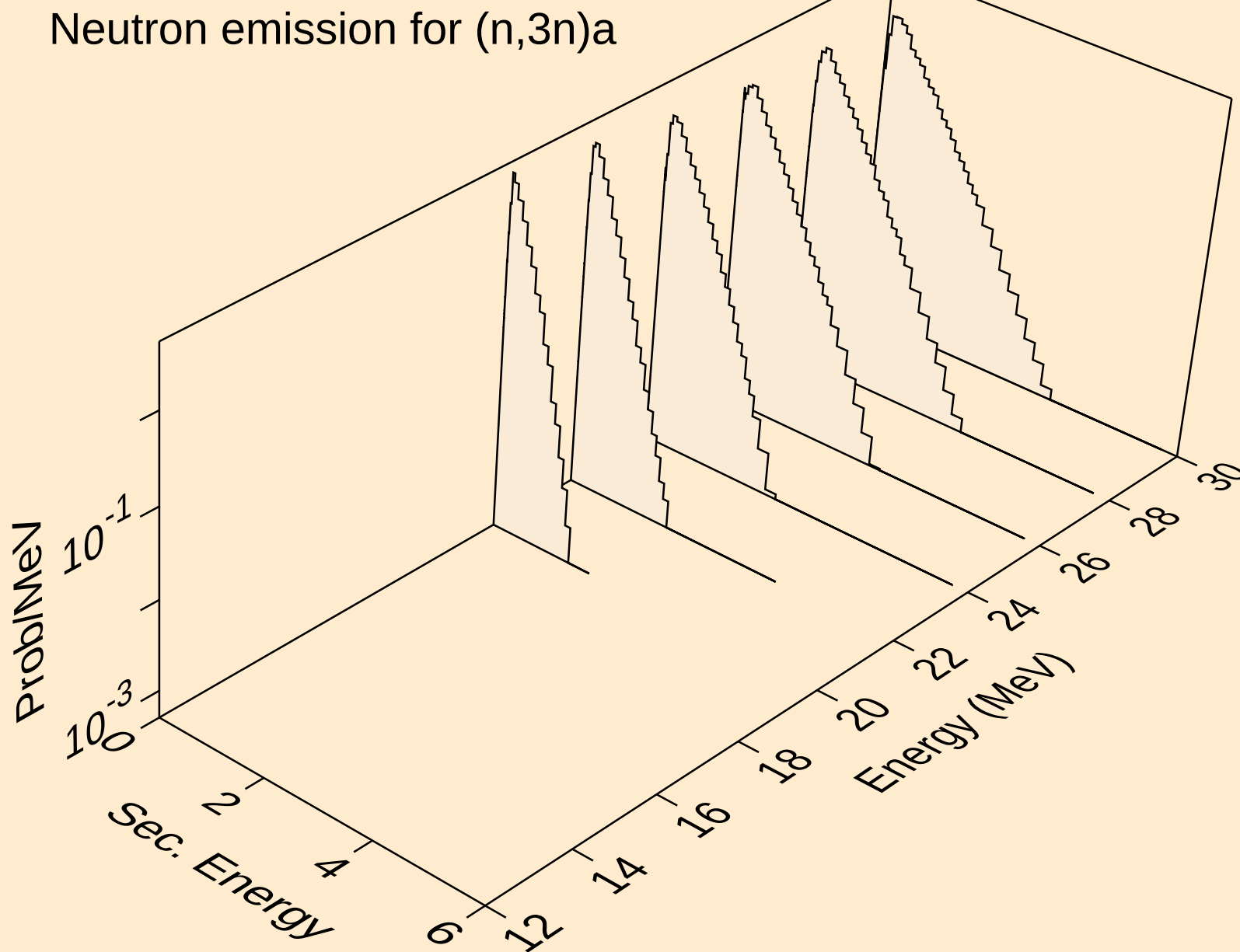
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



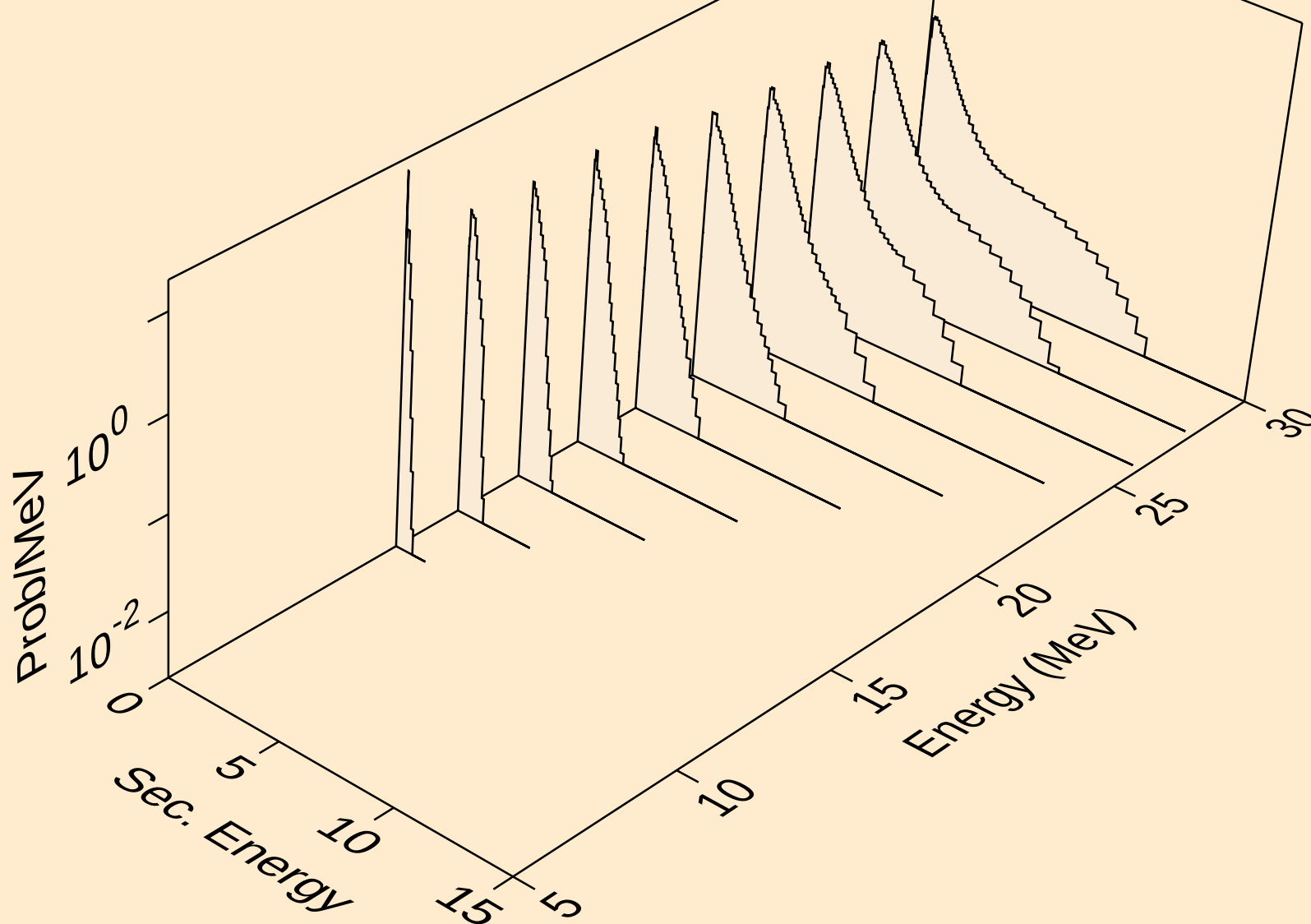
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

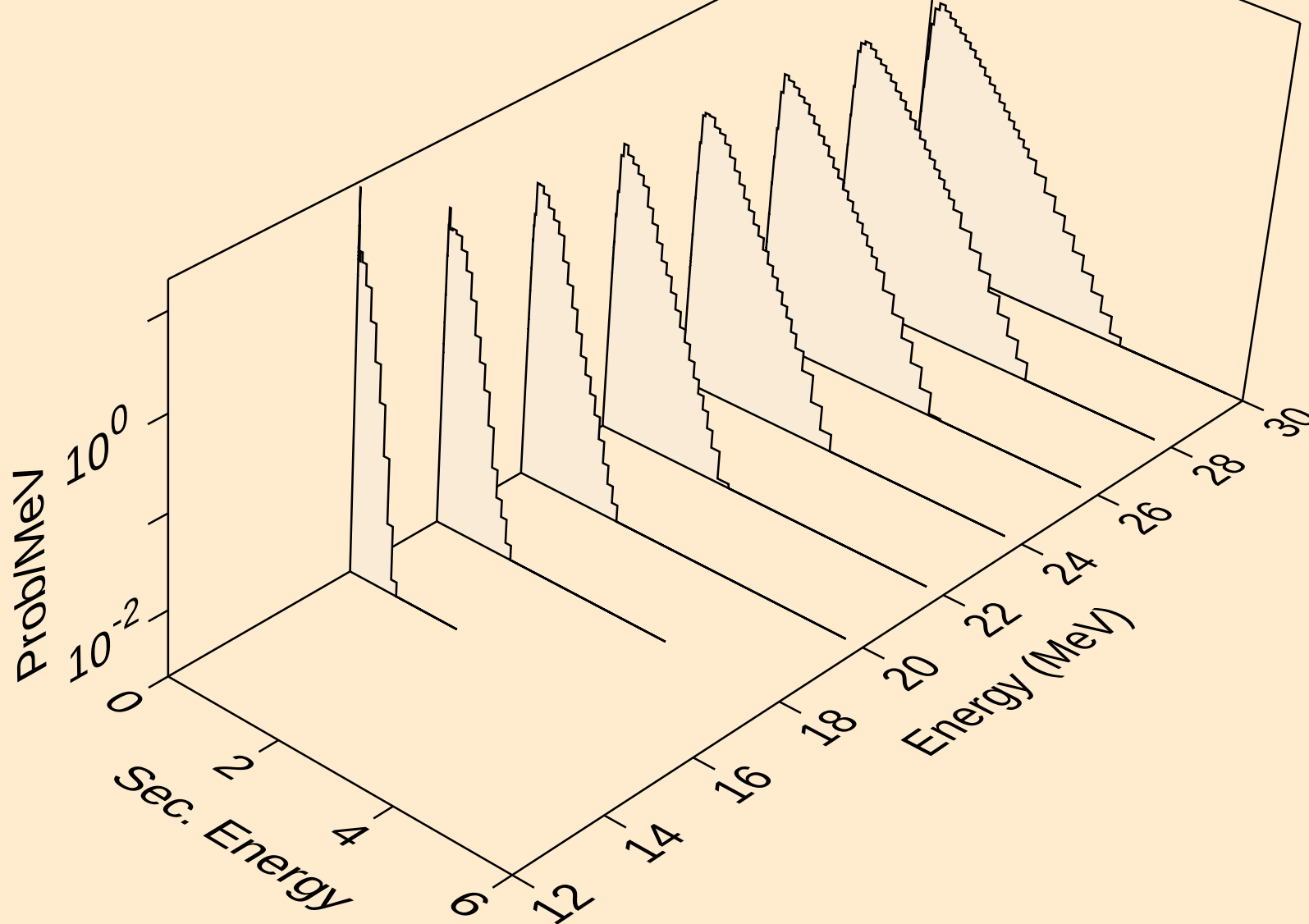


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



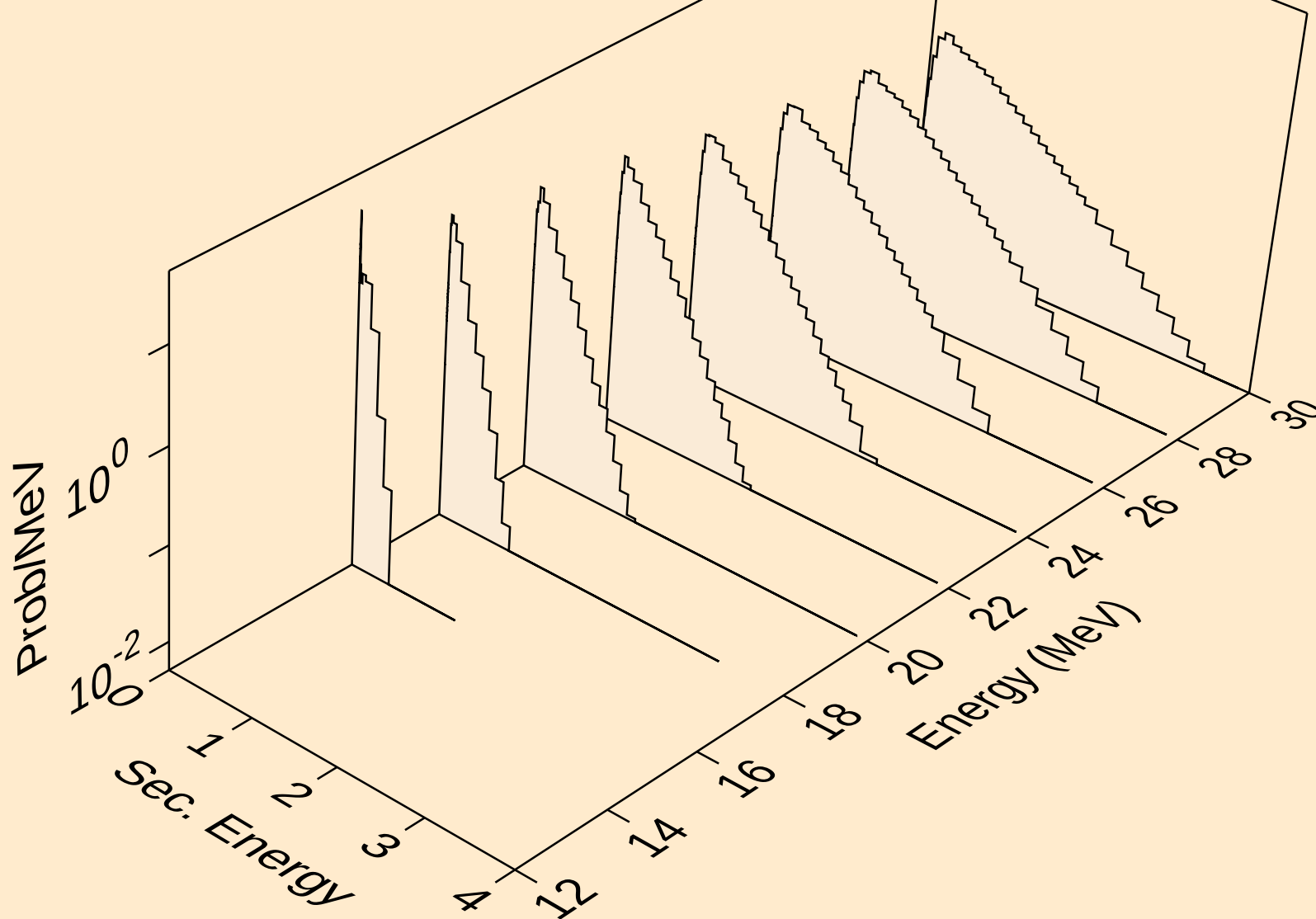


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

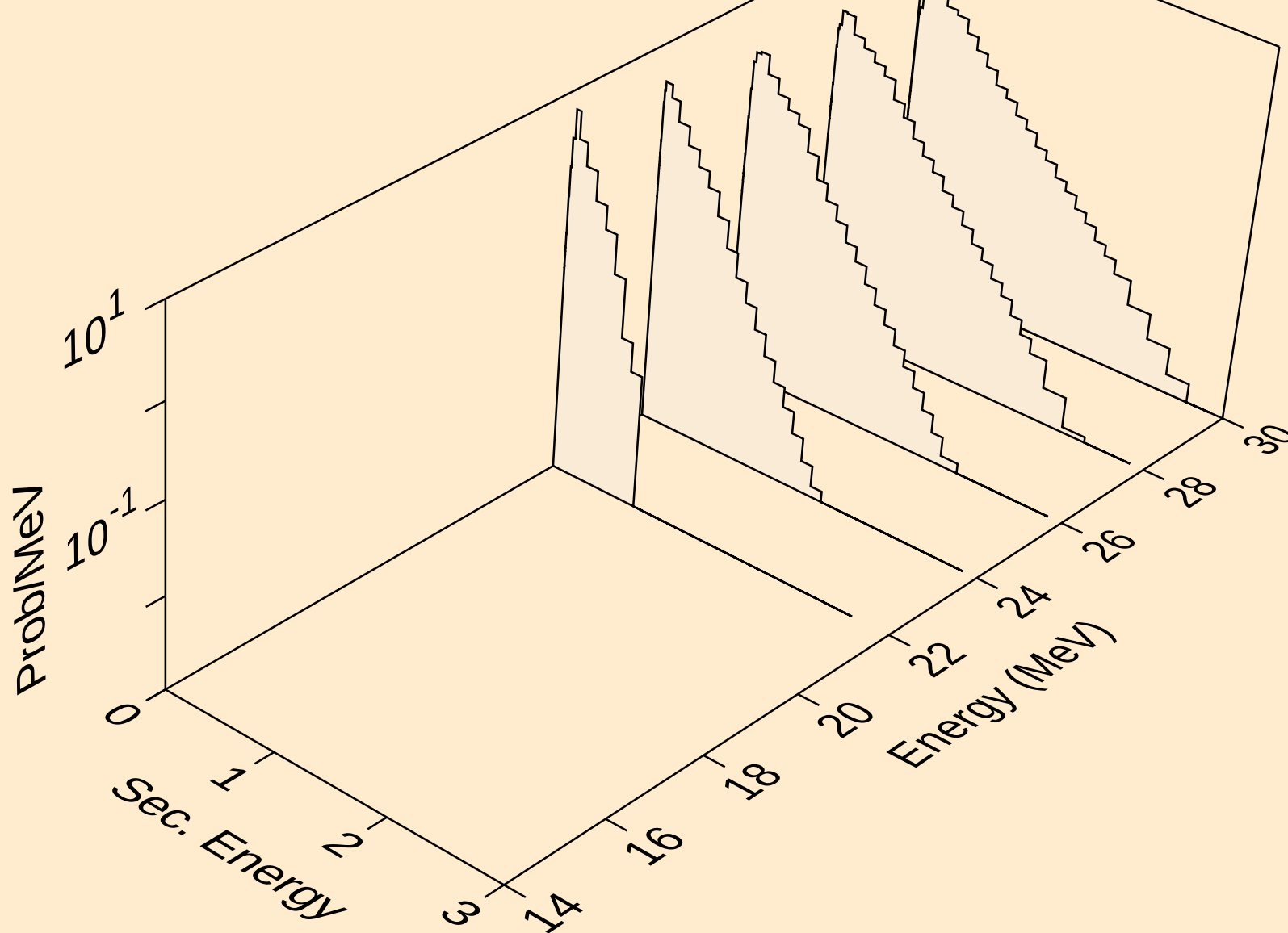


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

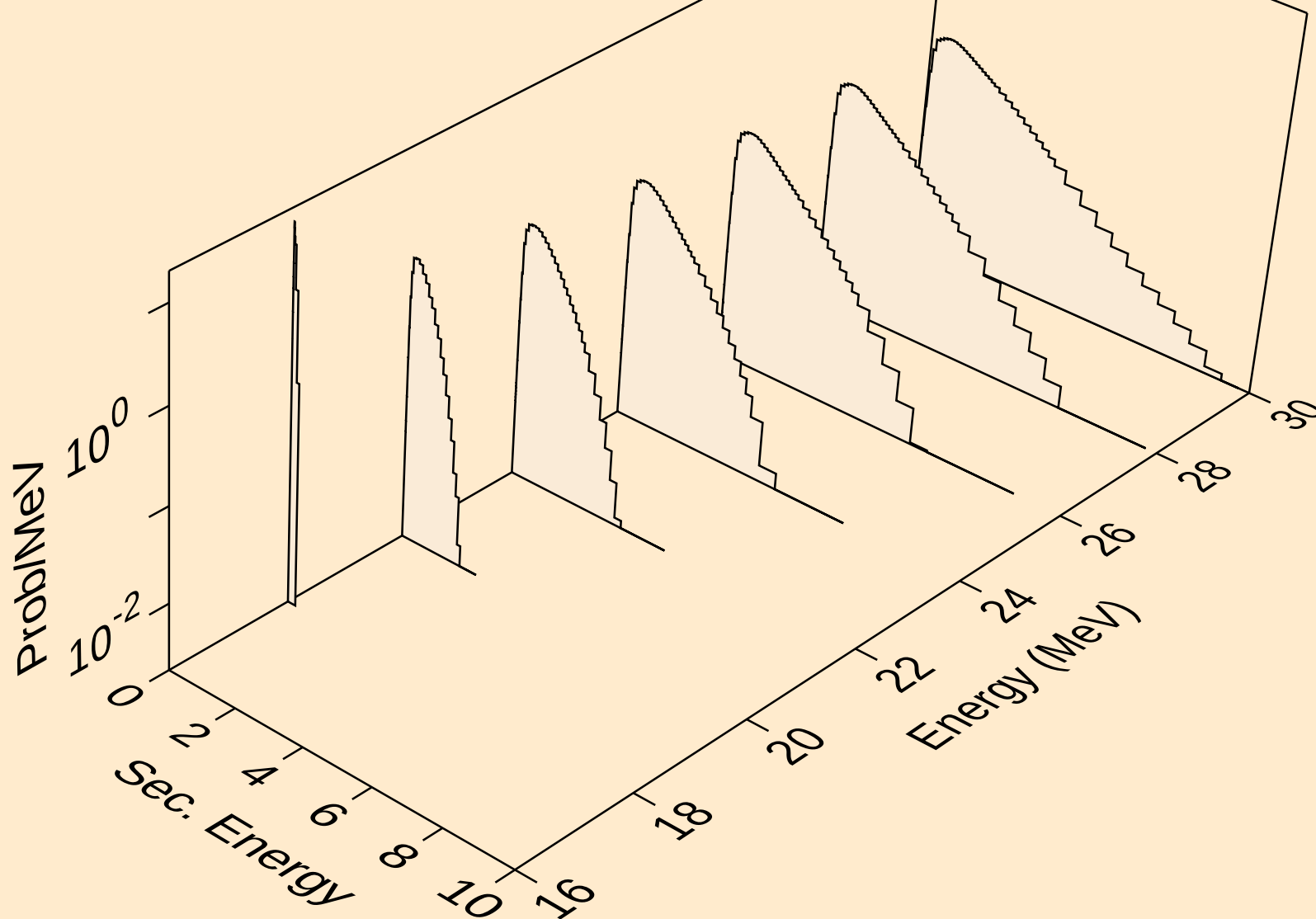
Neutron emission for (n,n\*)t



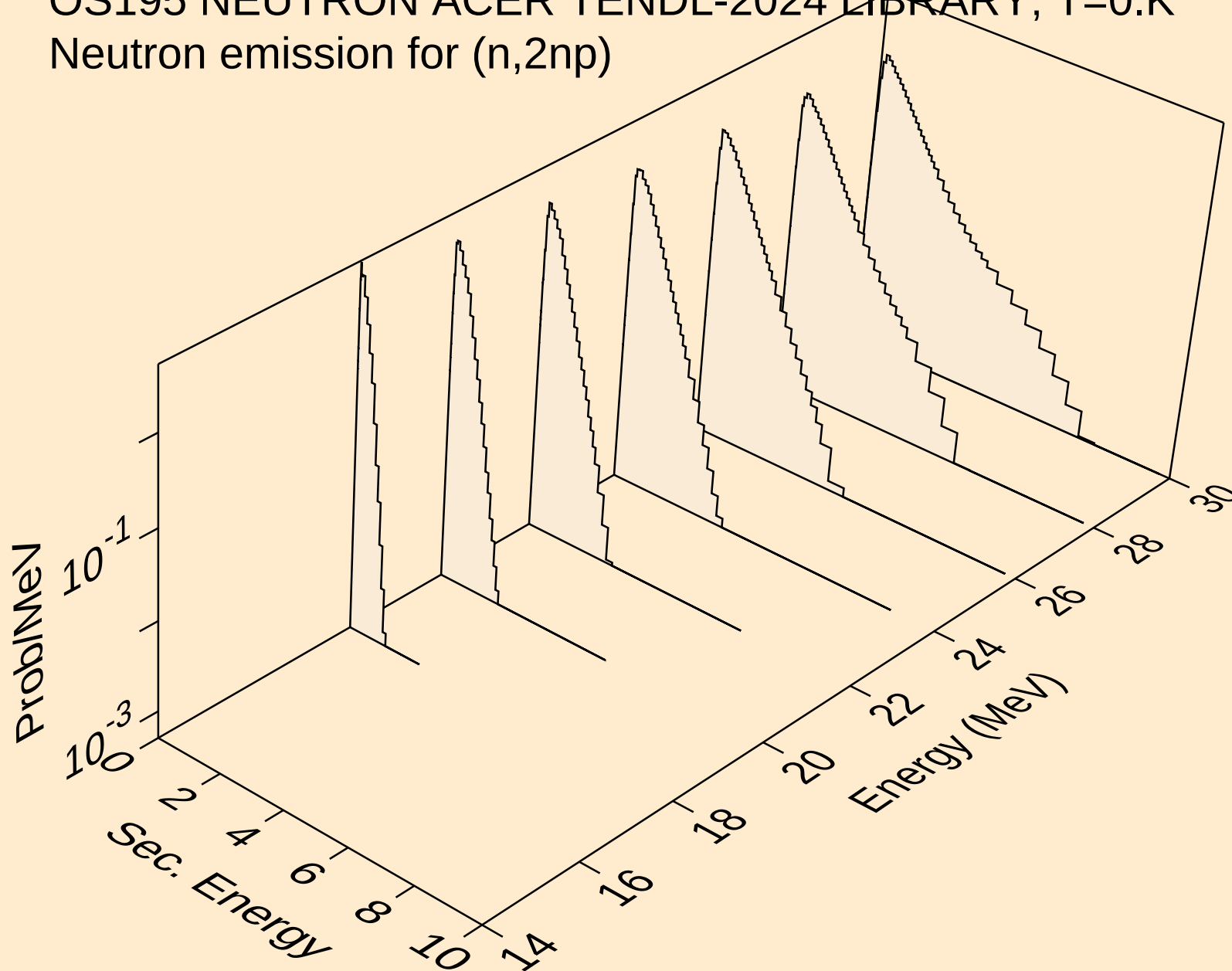
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



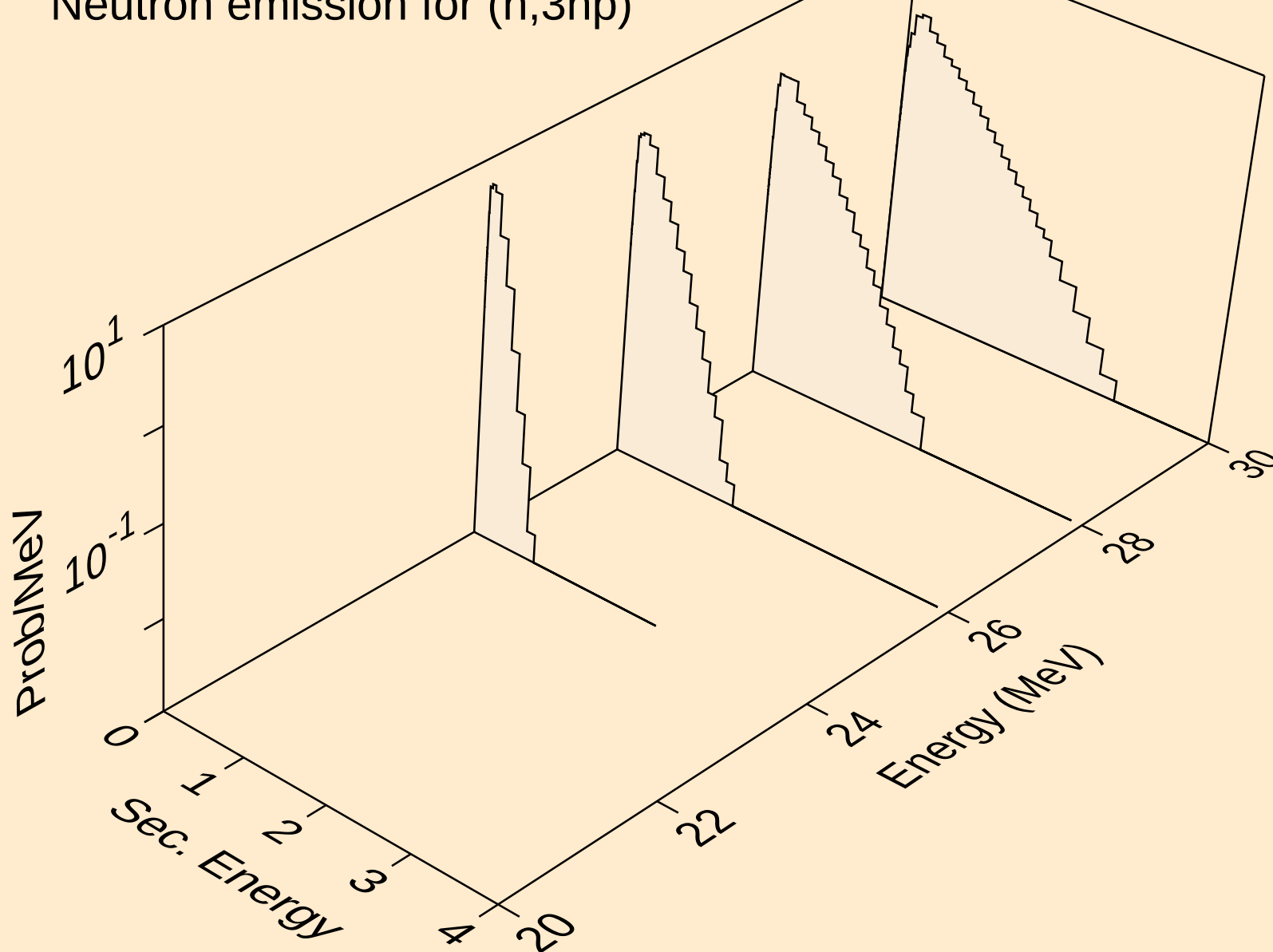
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



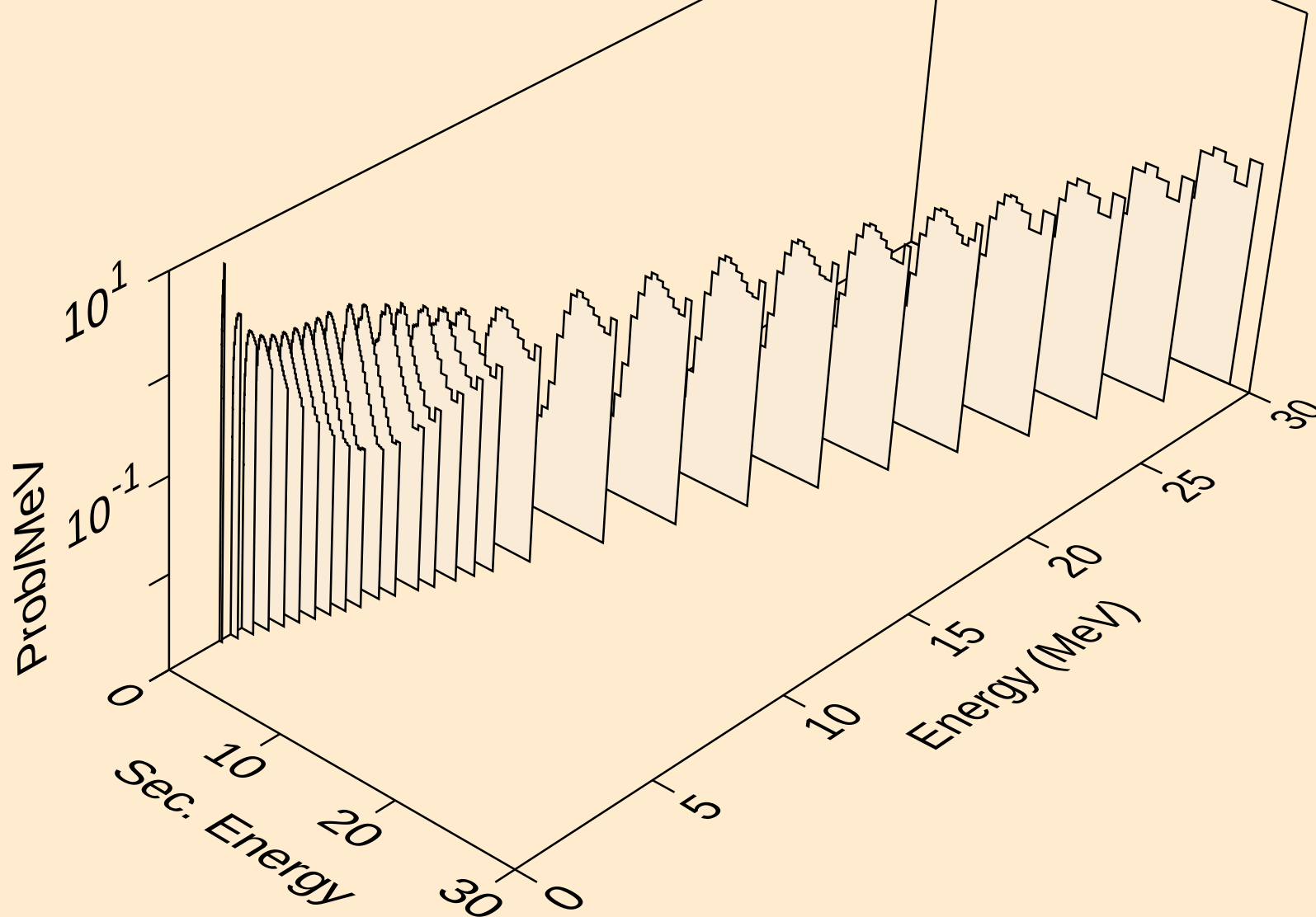
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



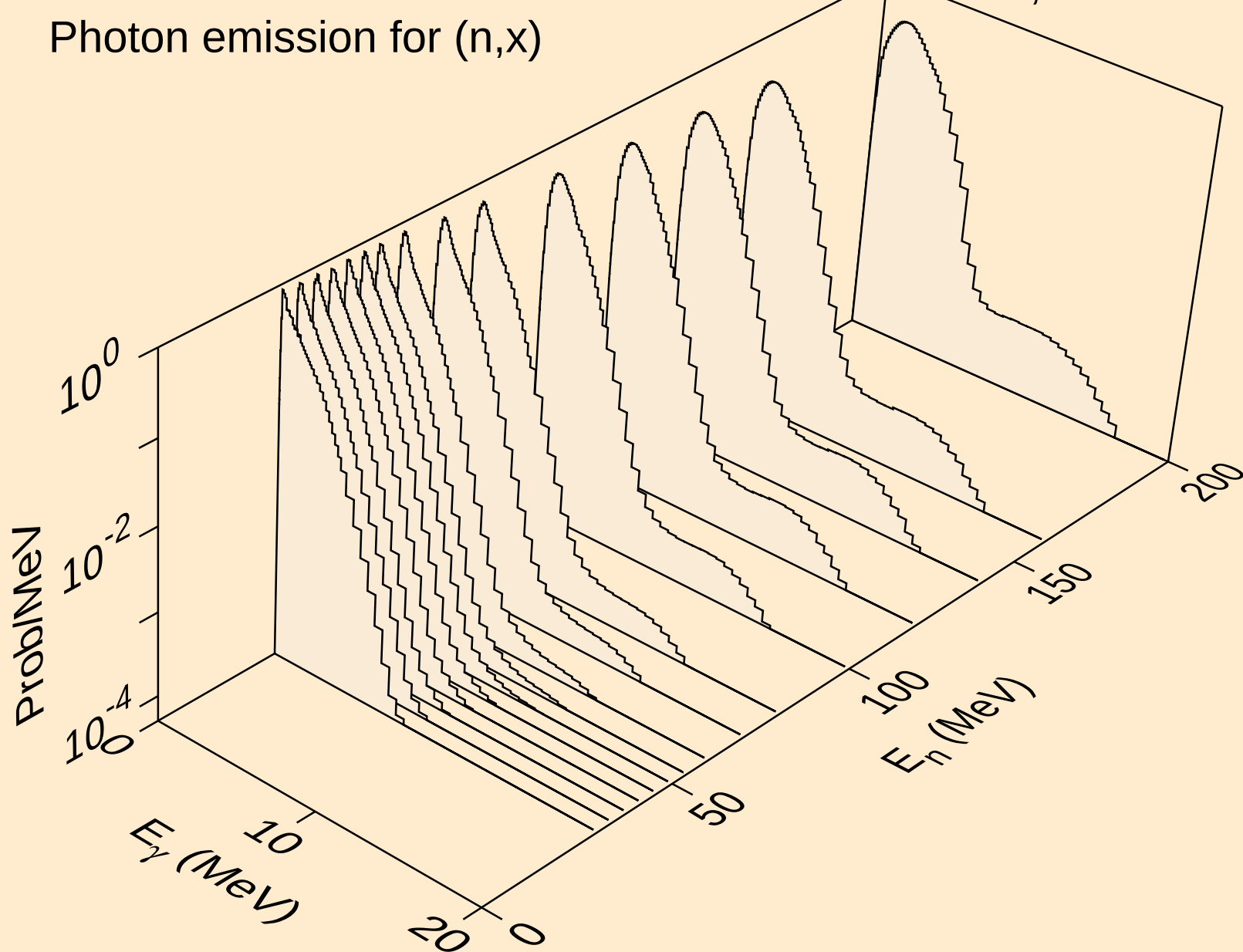
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

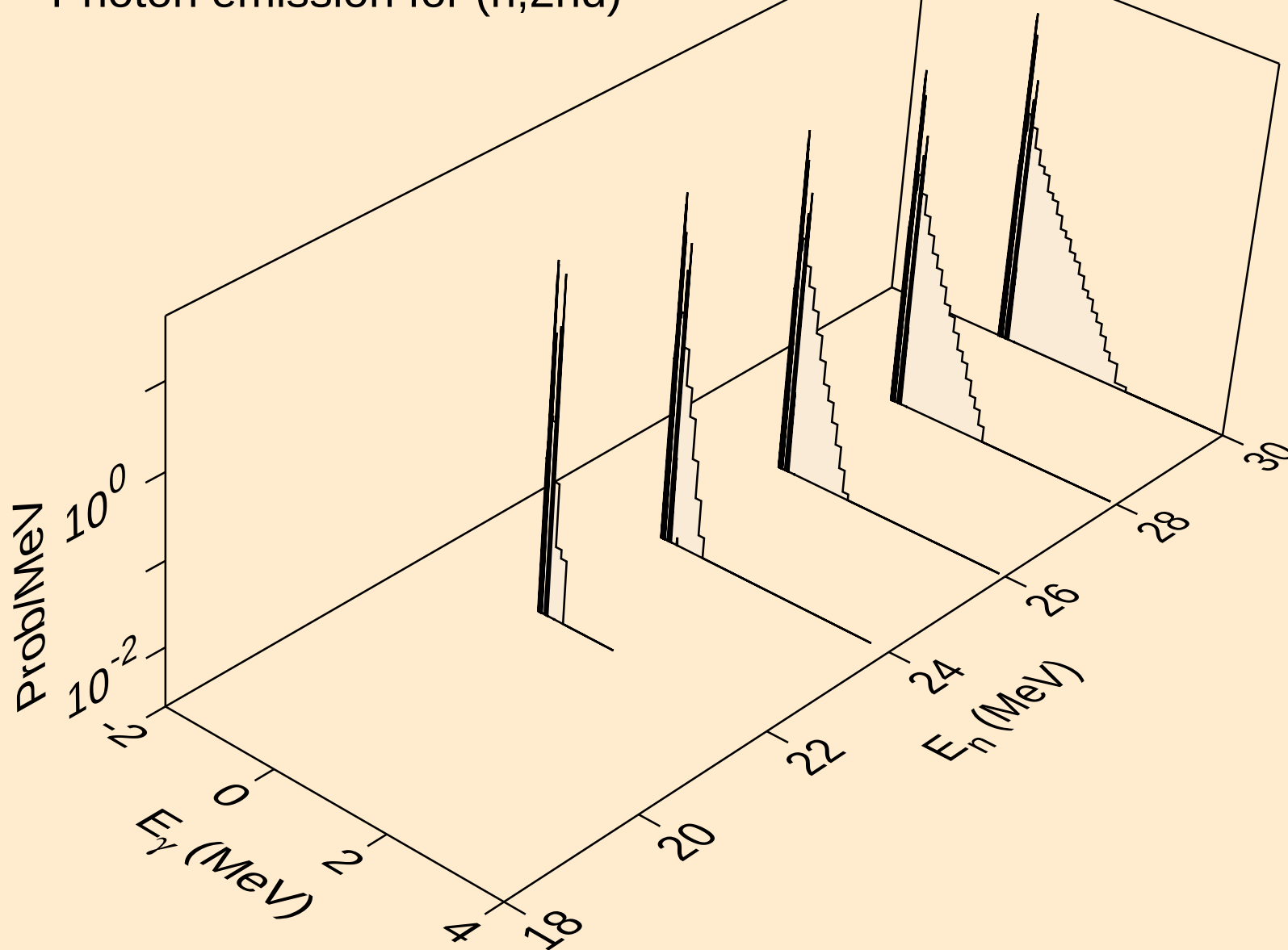


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

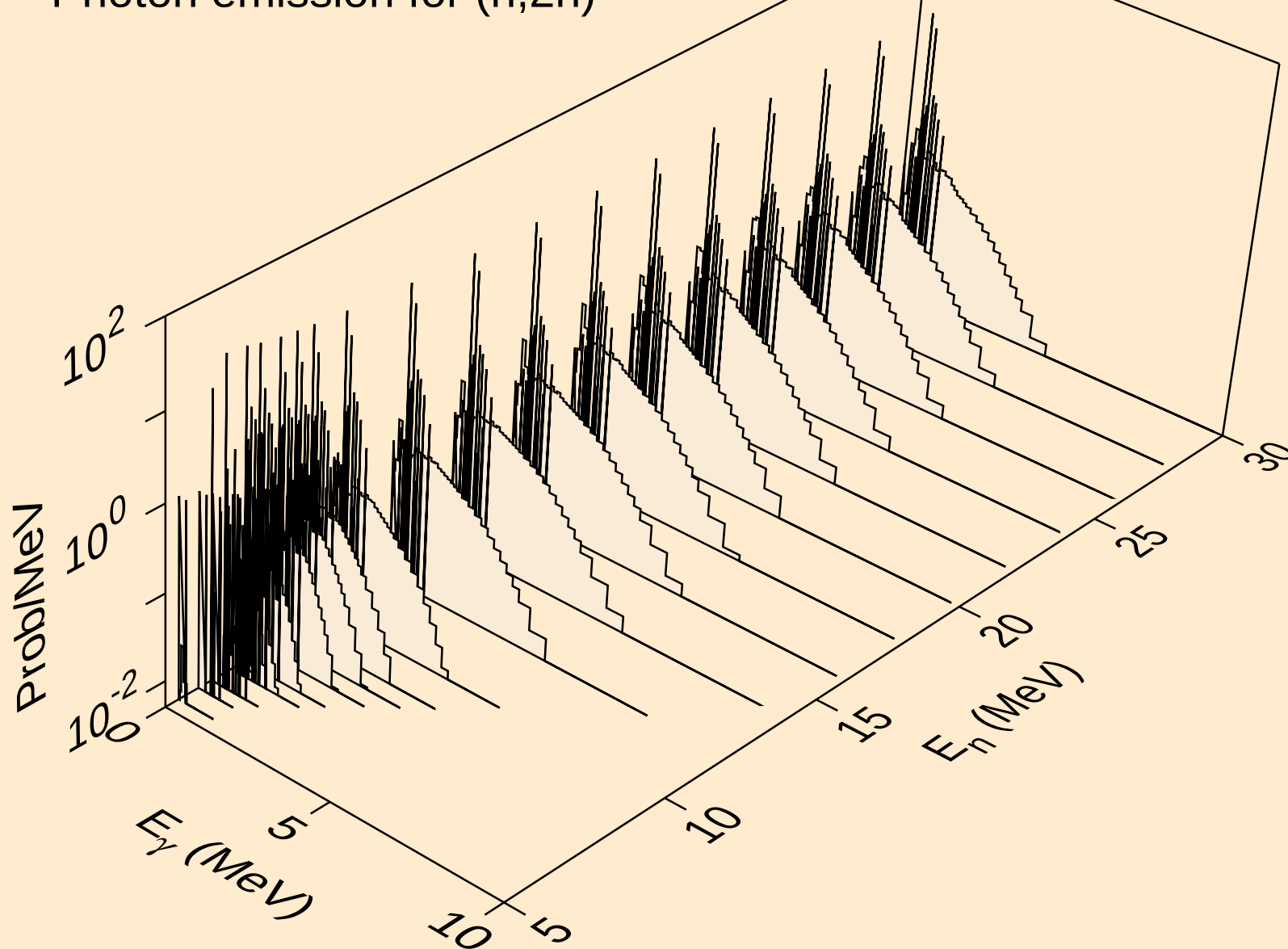




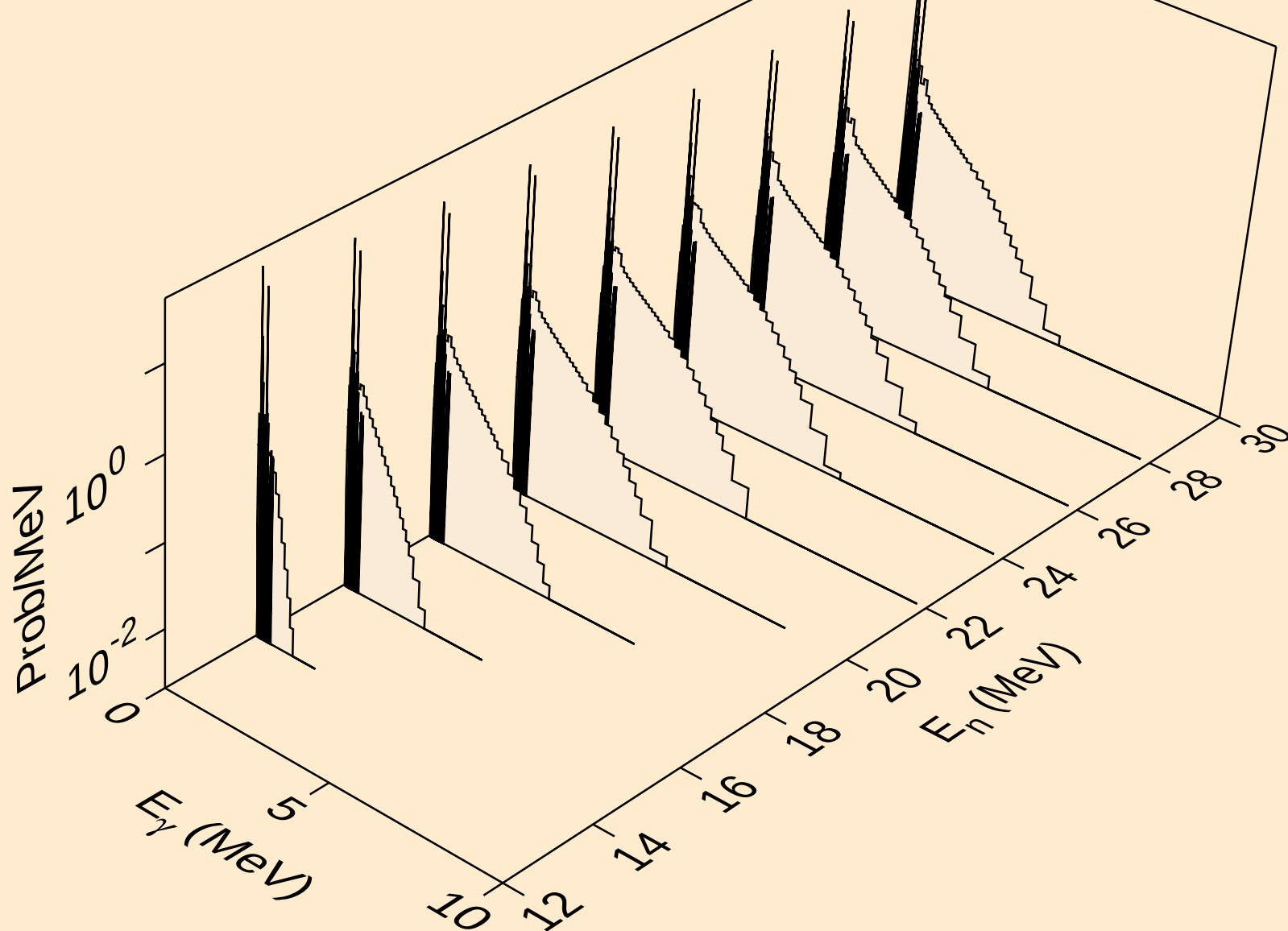
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



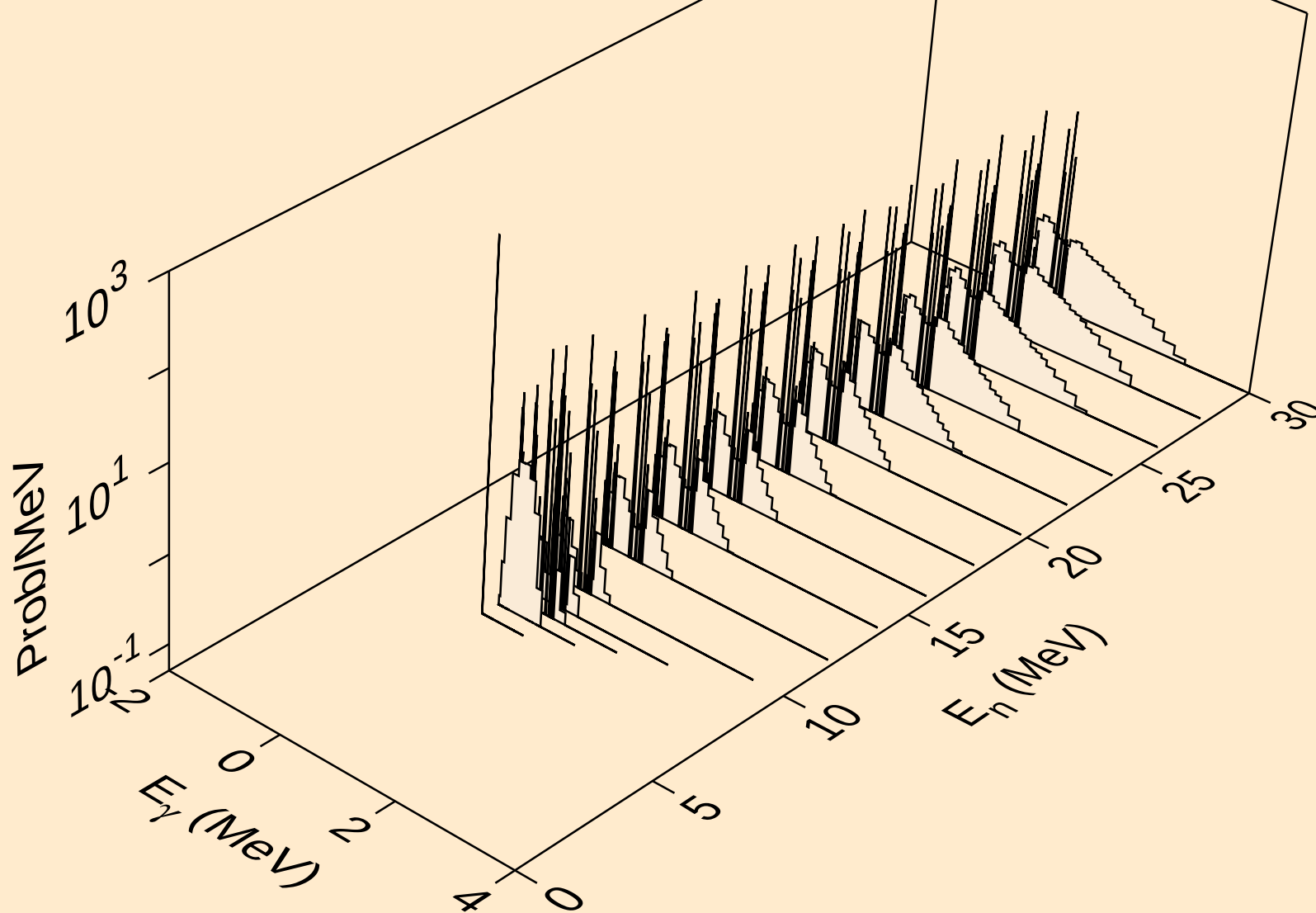
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



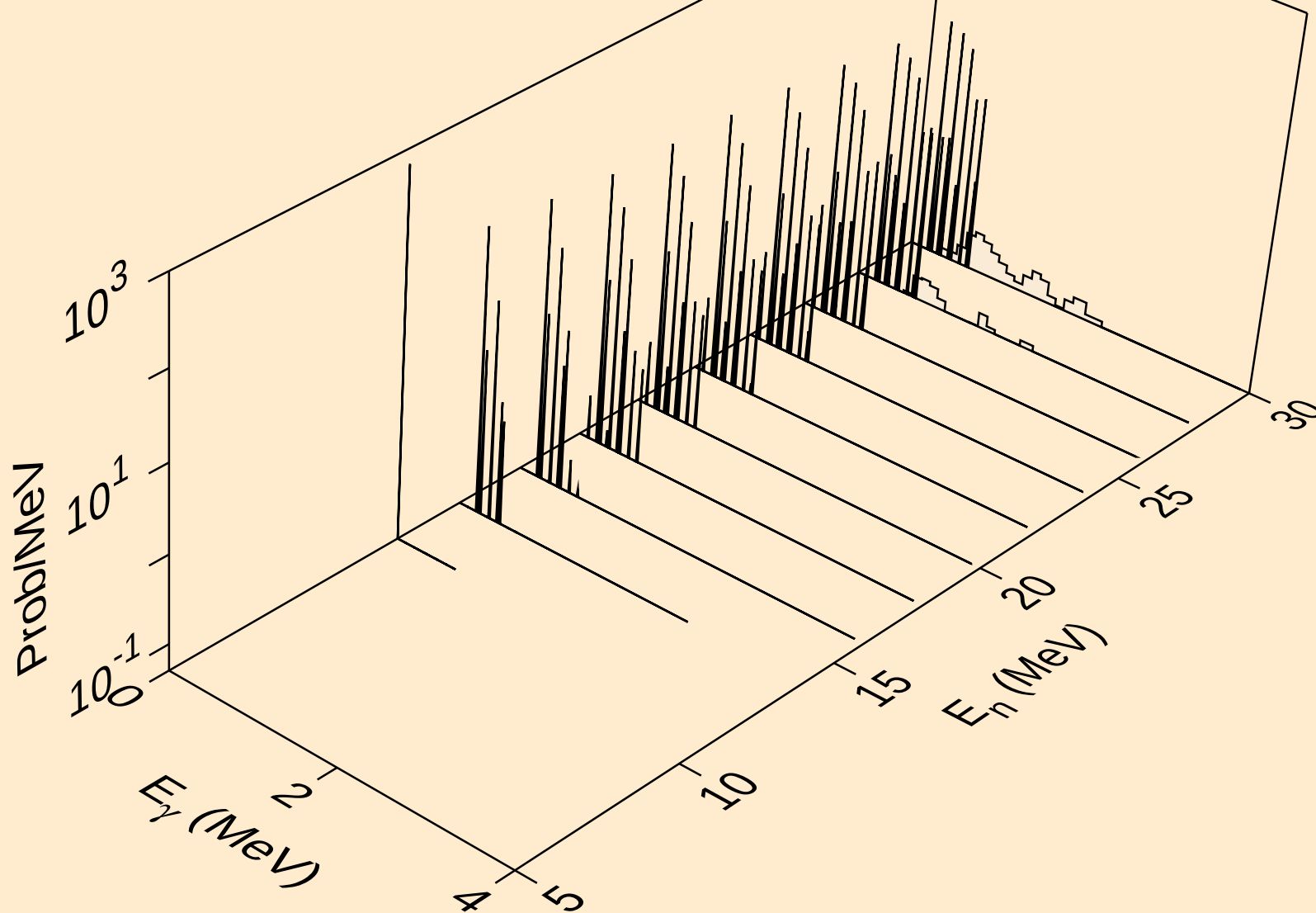
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

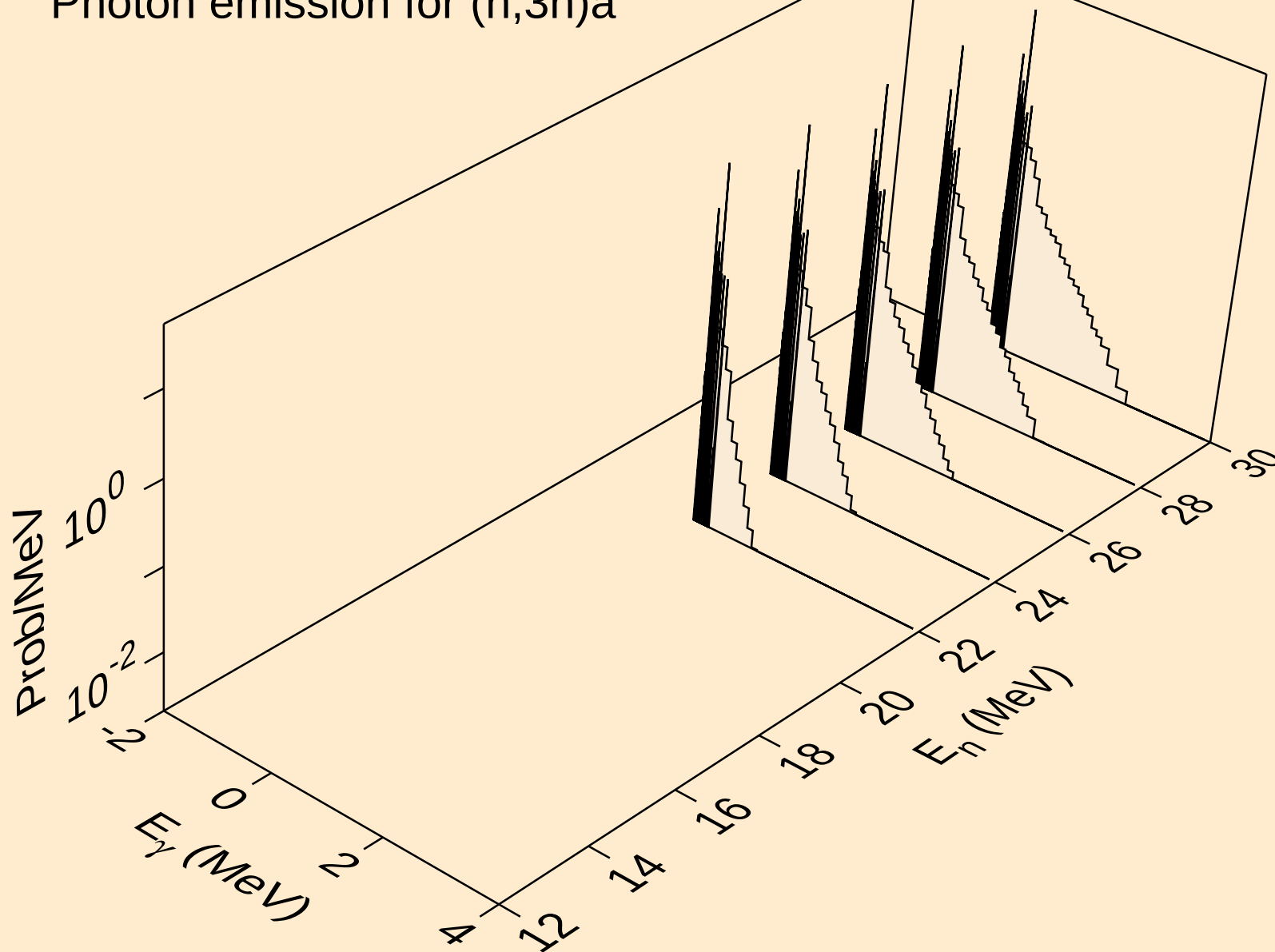


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



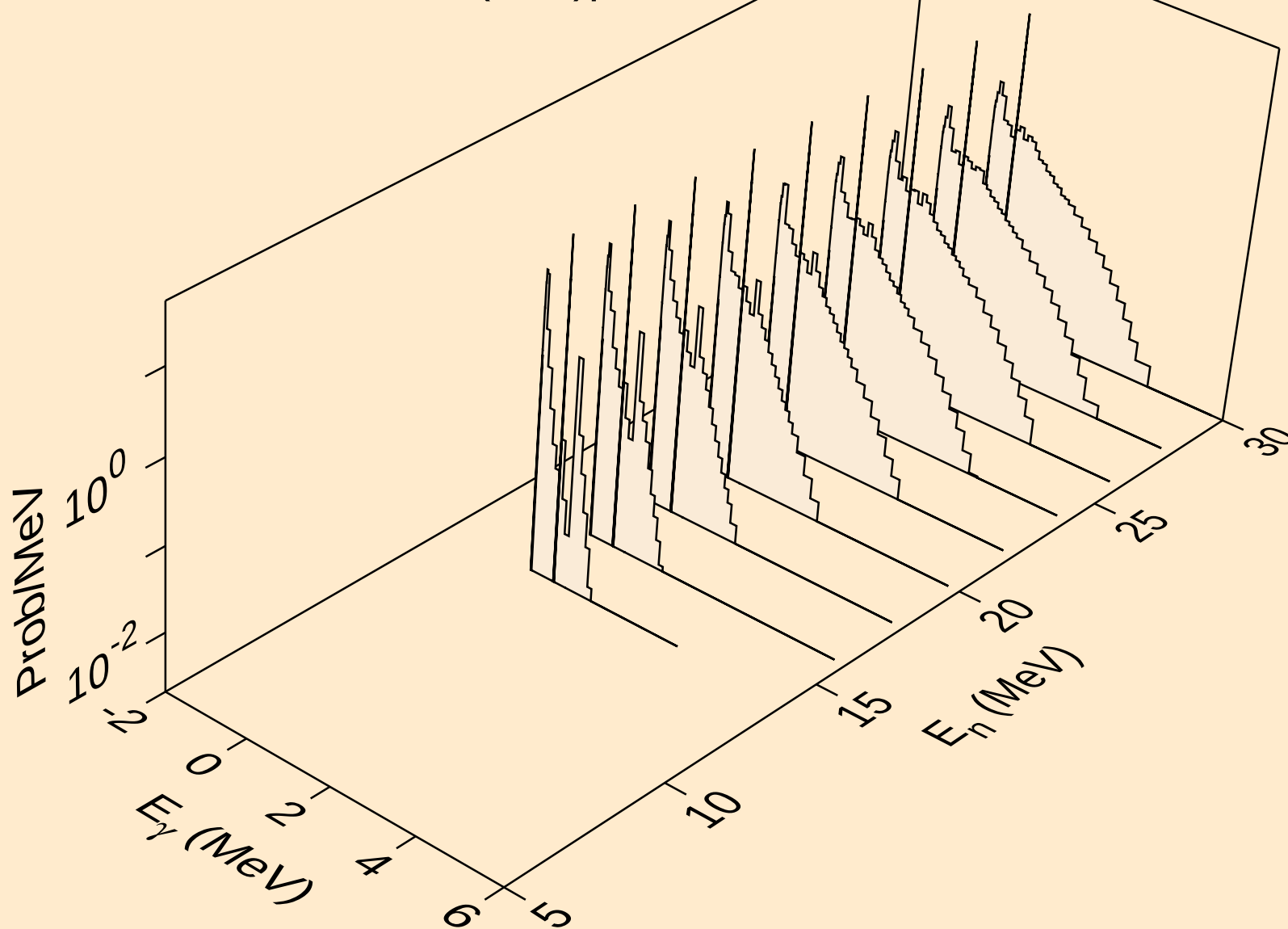
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n)a



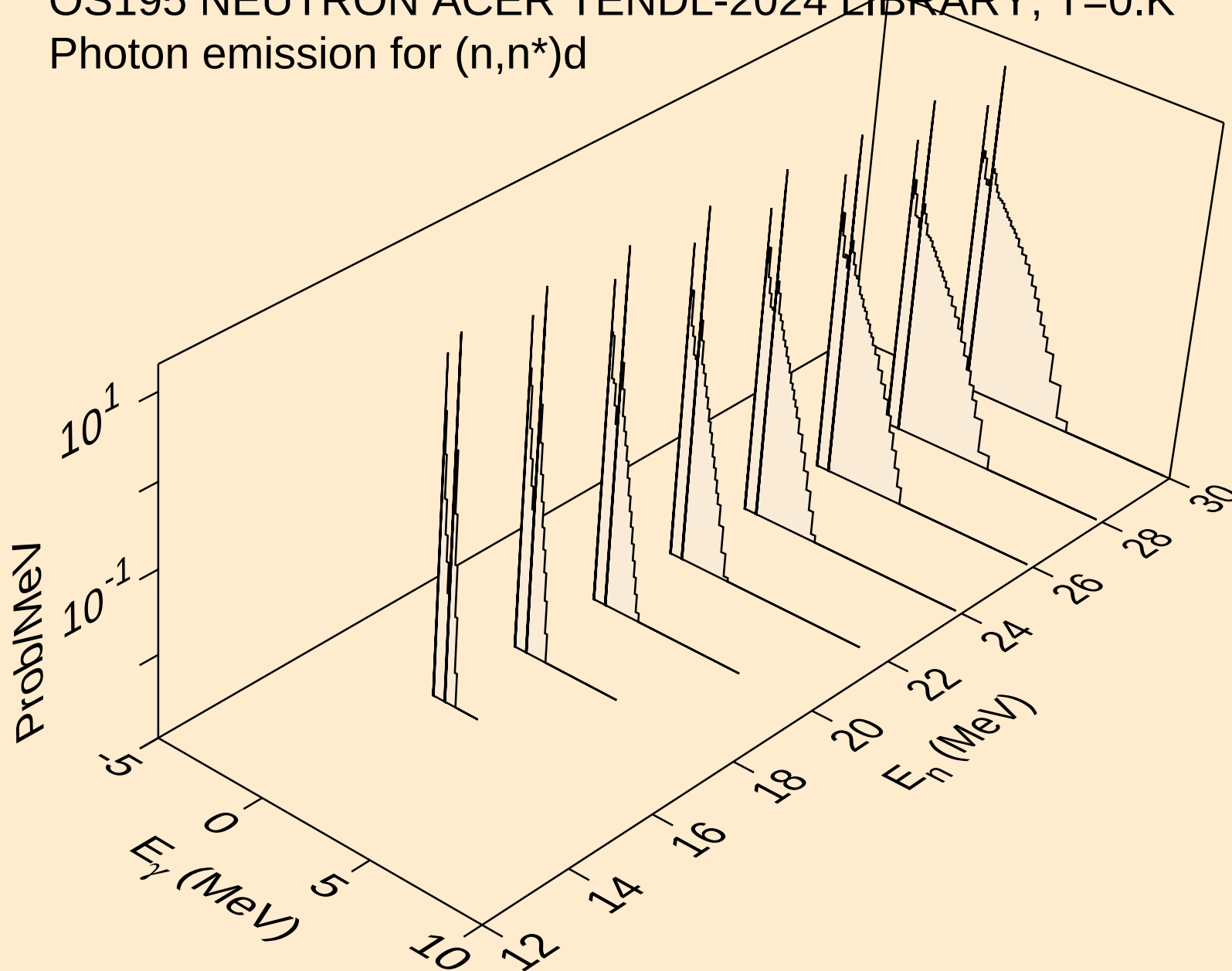
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



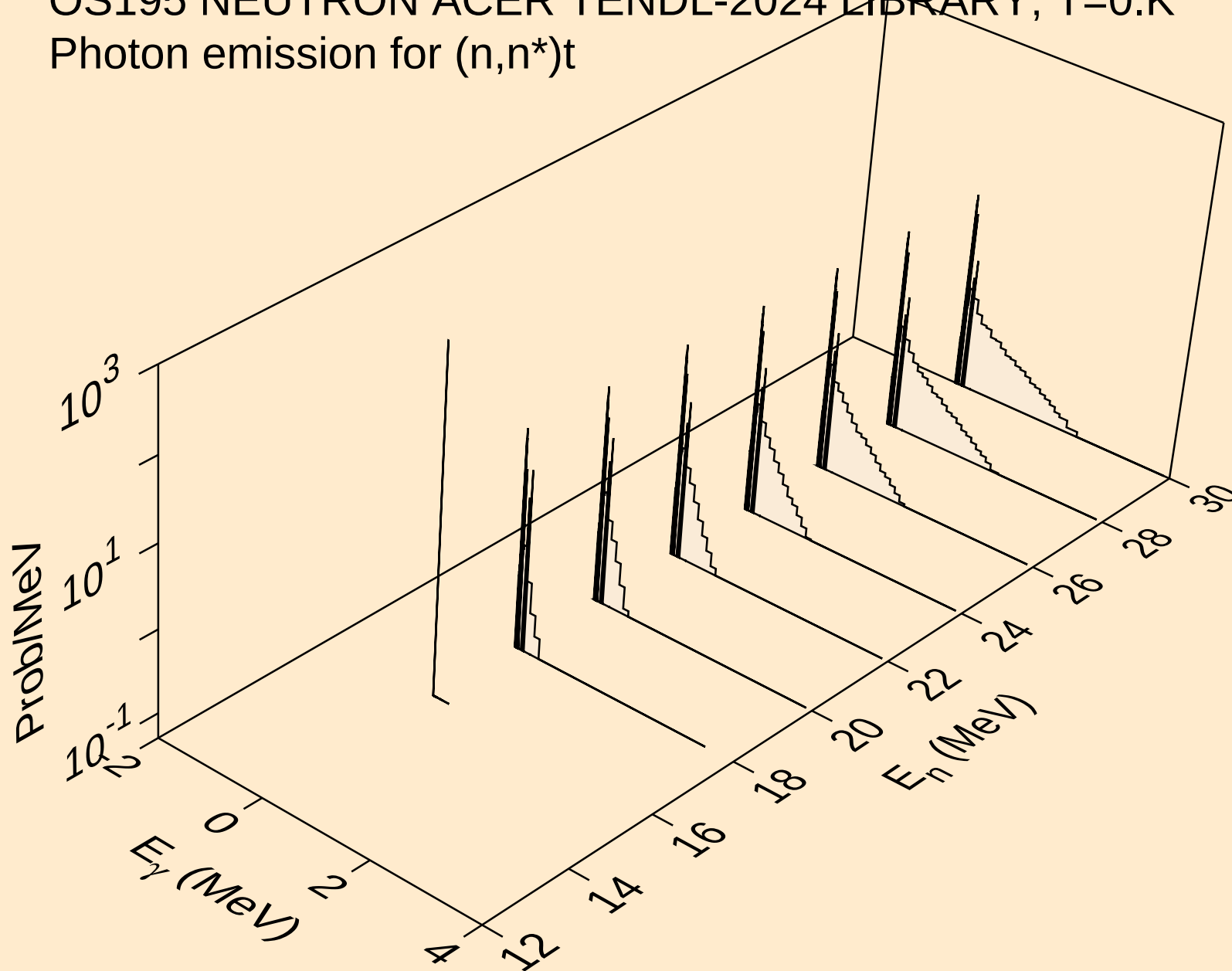
# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d

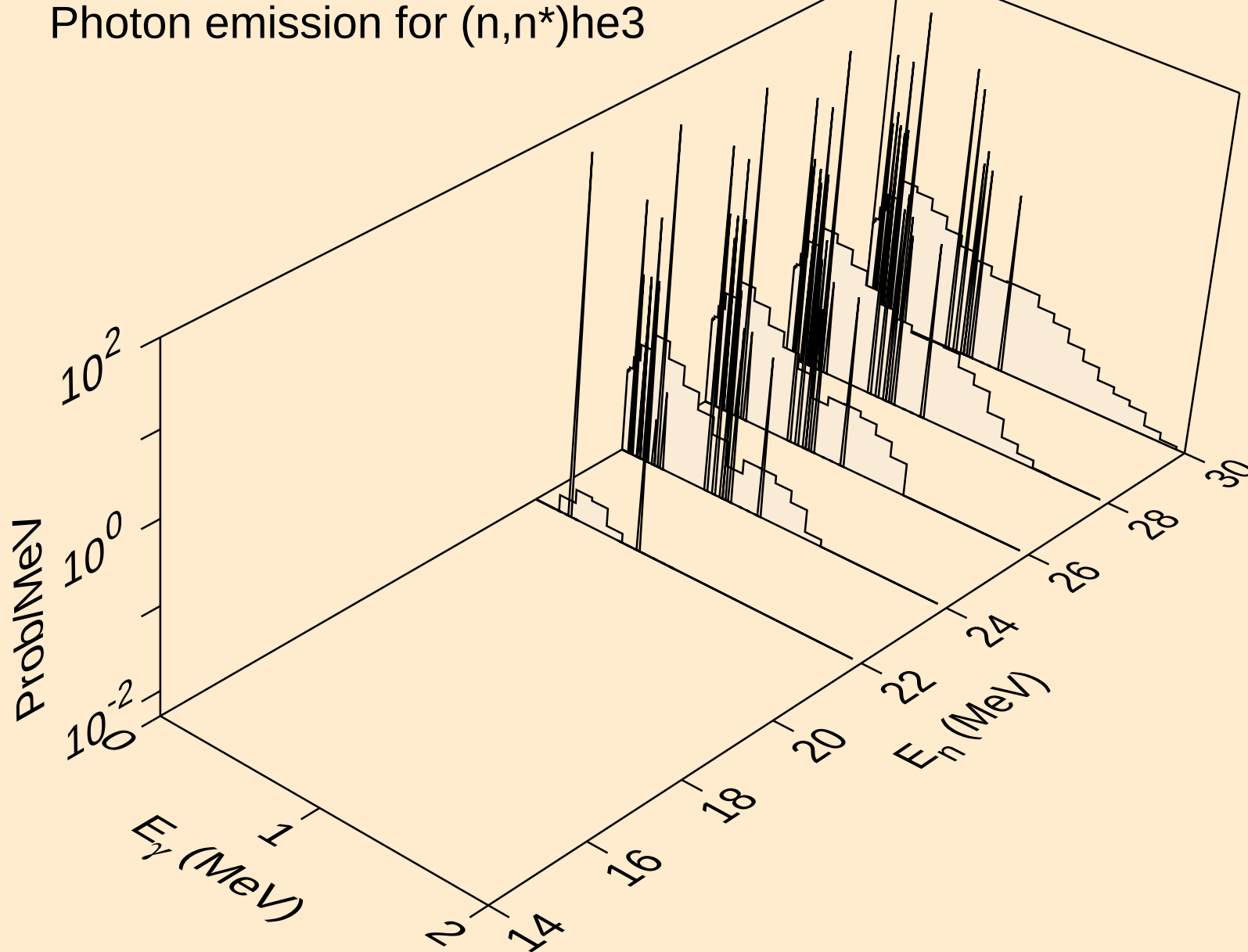




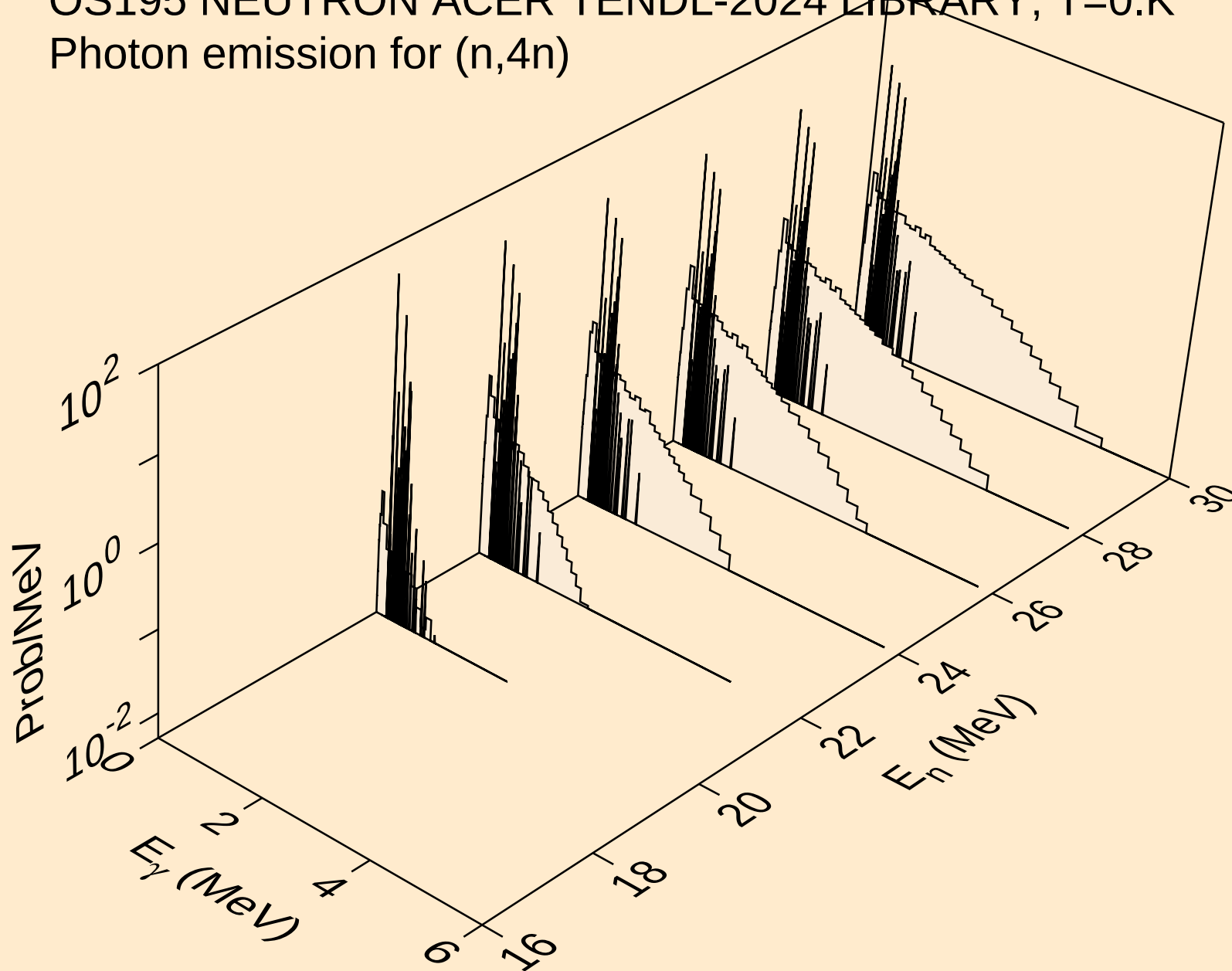
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



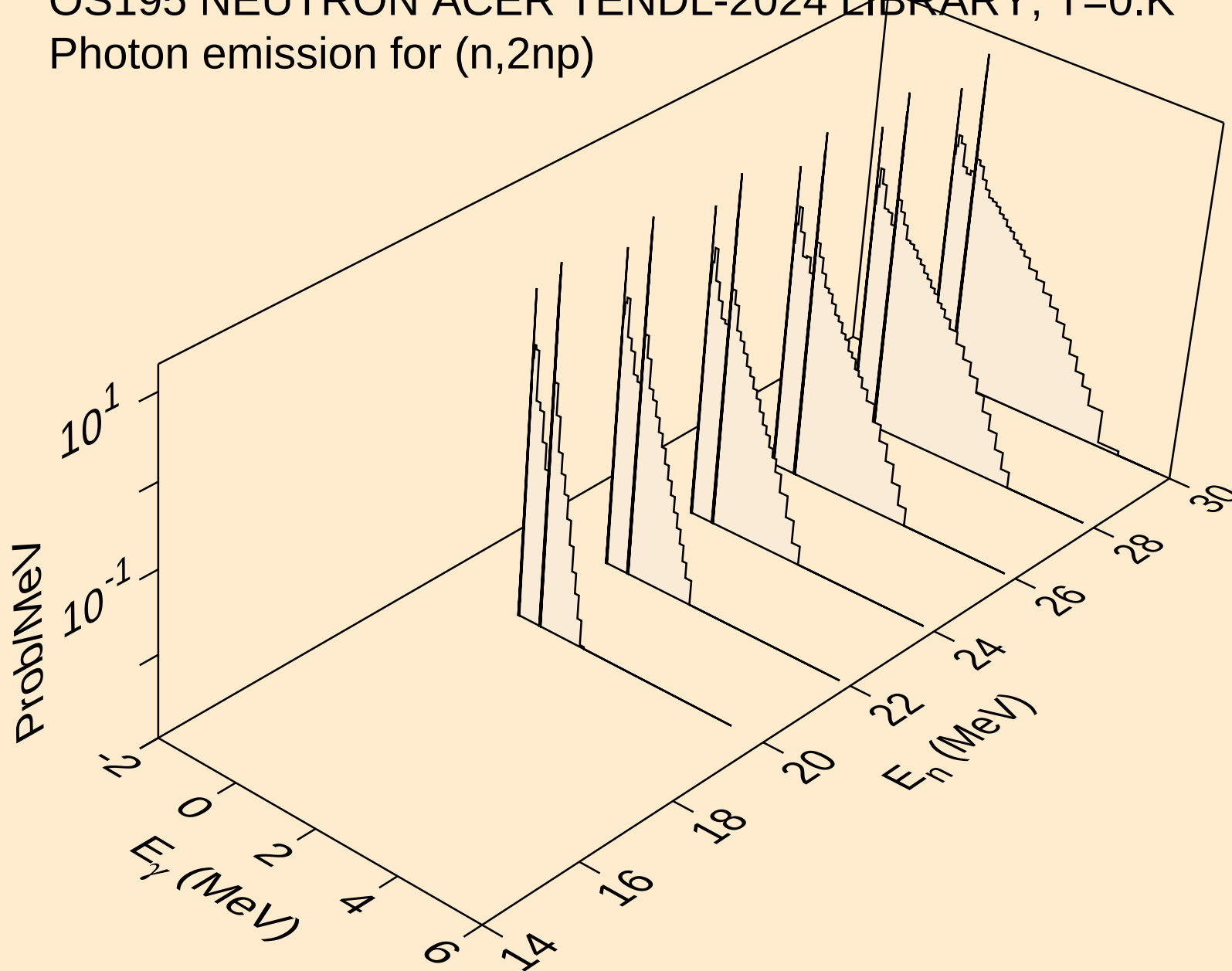
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



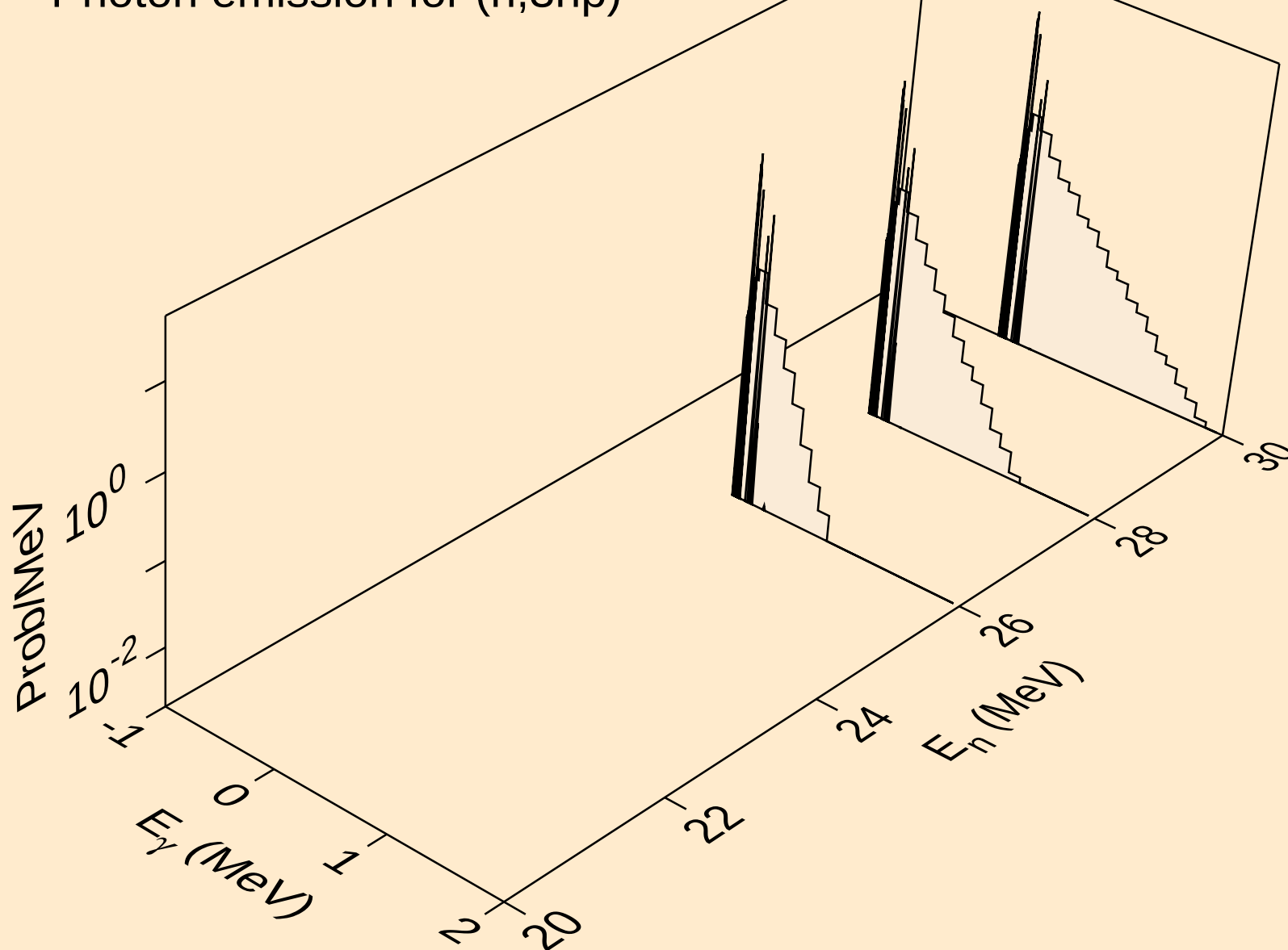
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



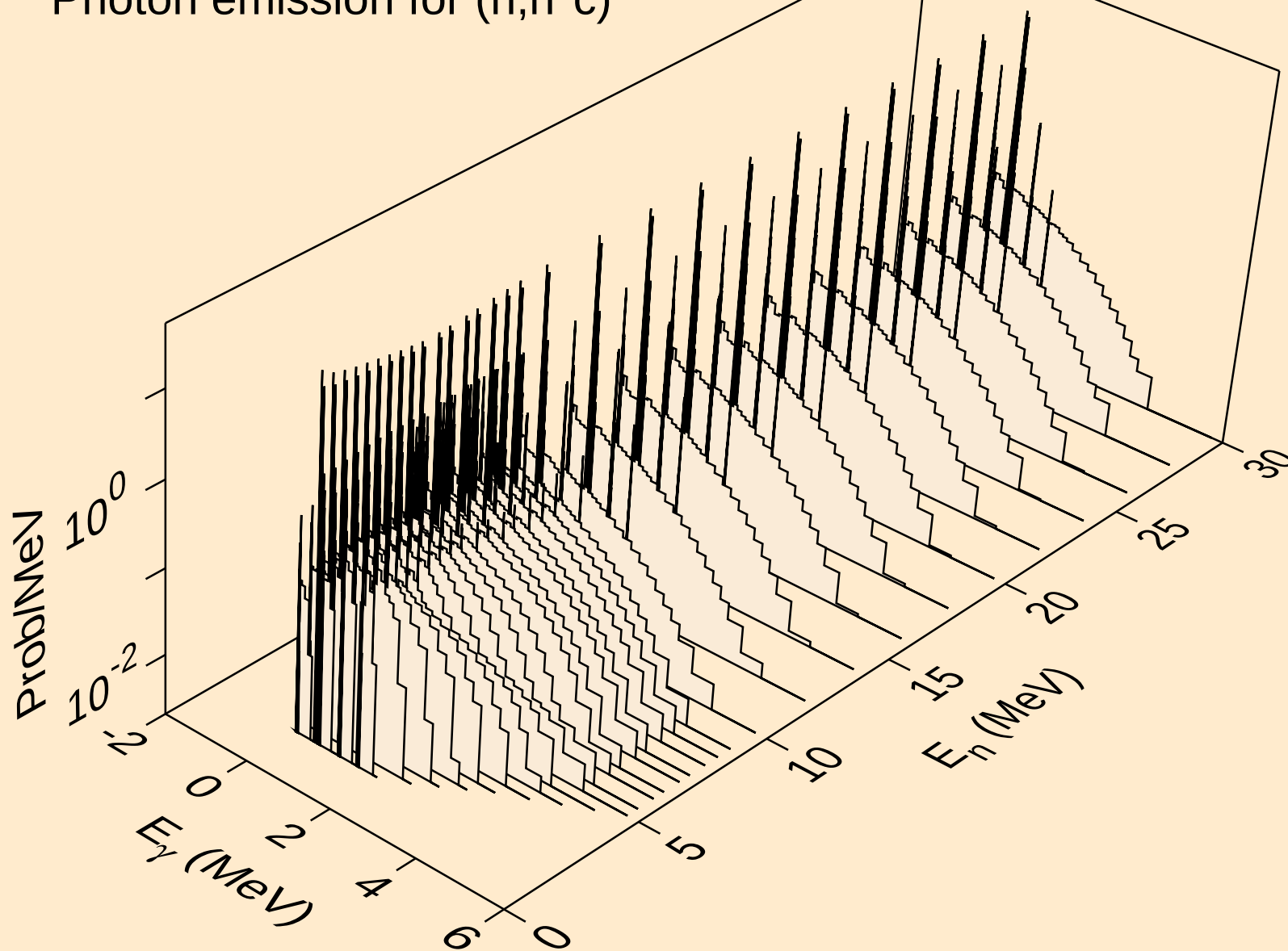
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



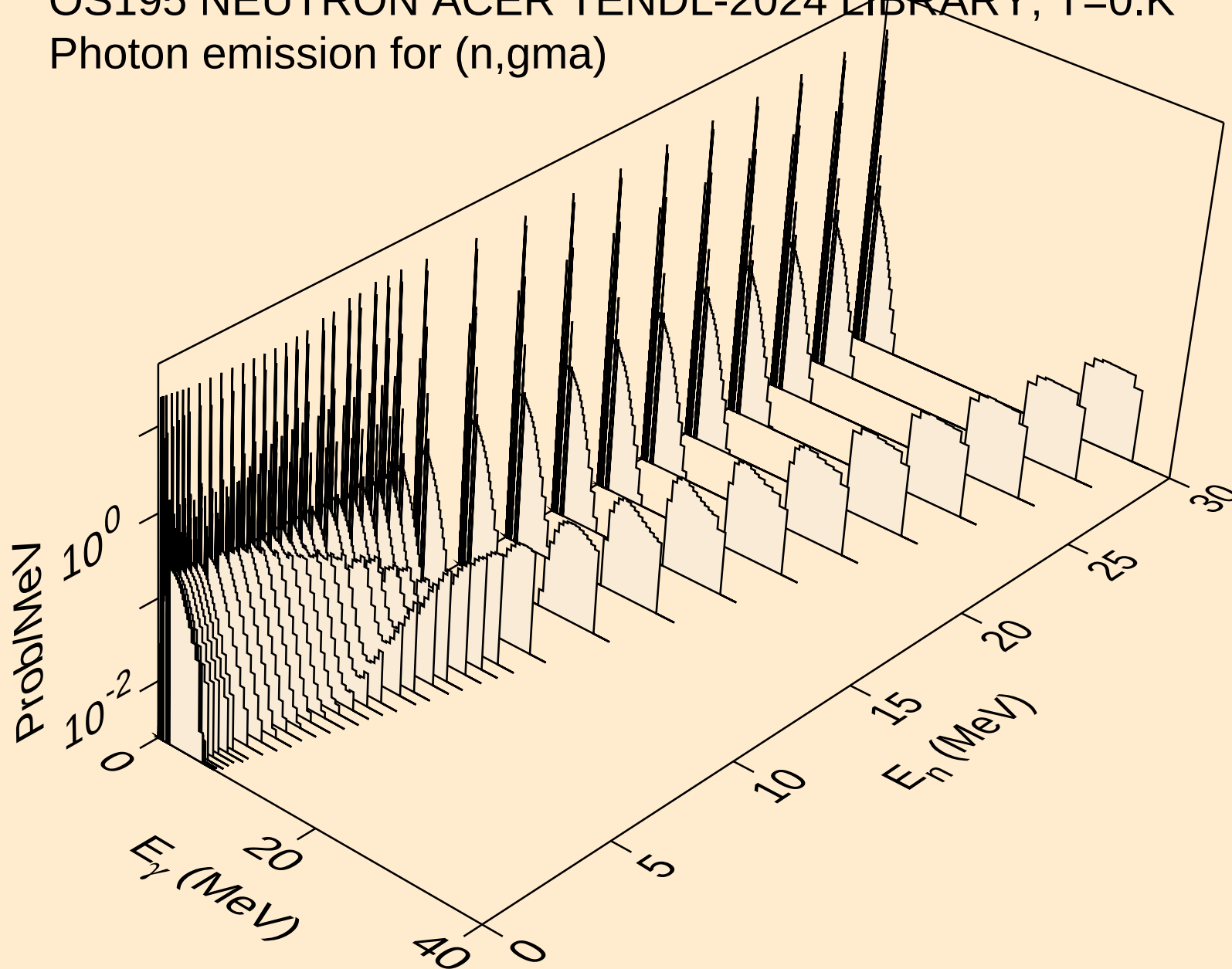
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



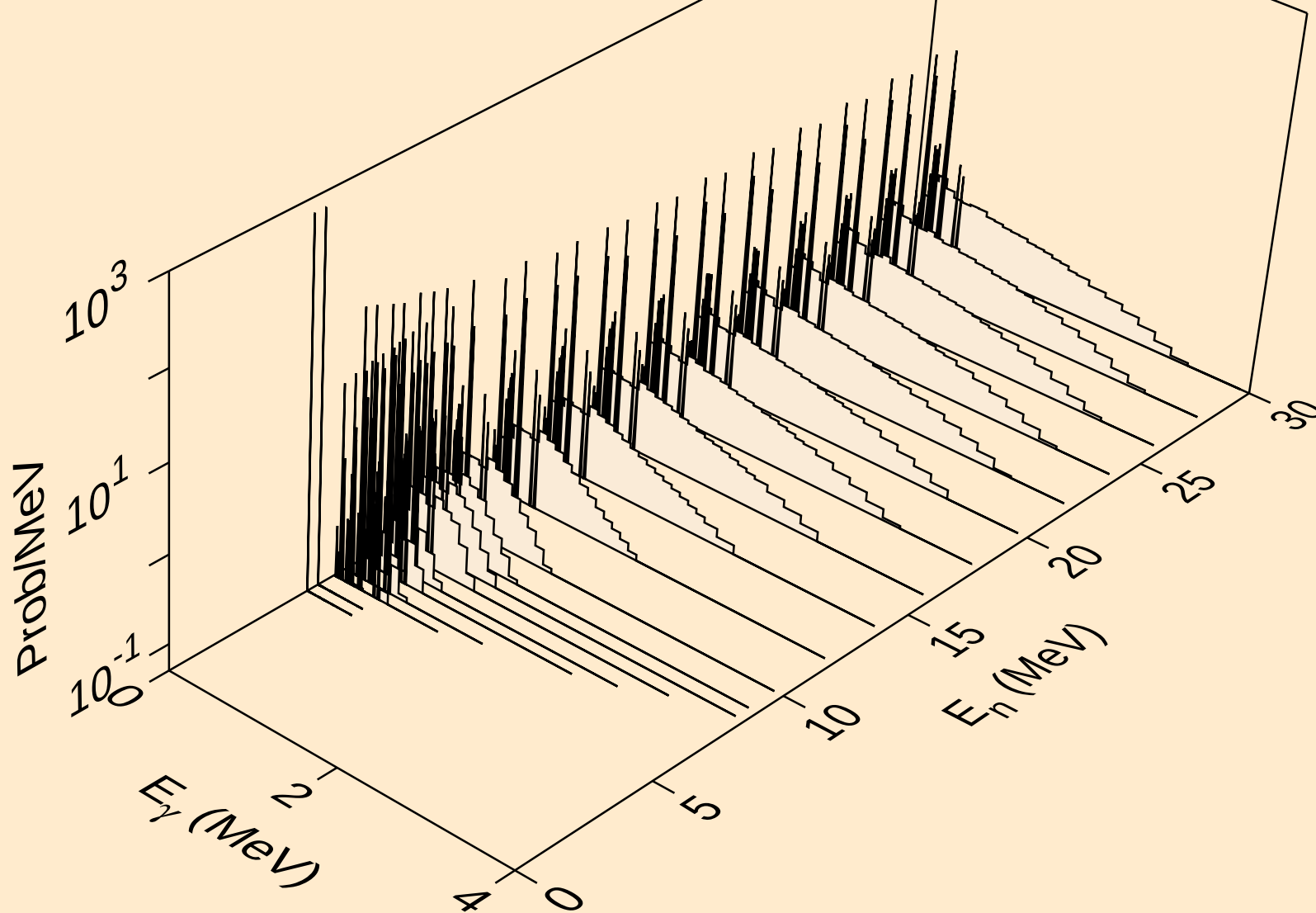
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

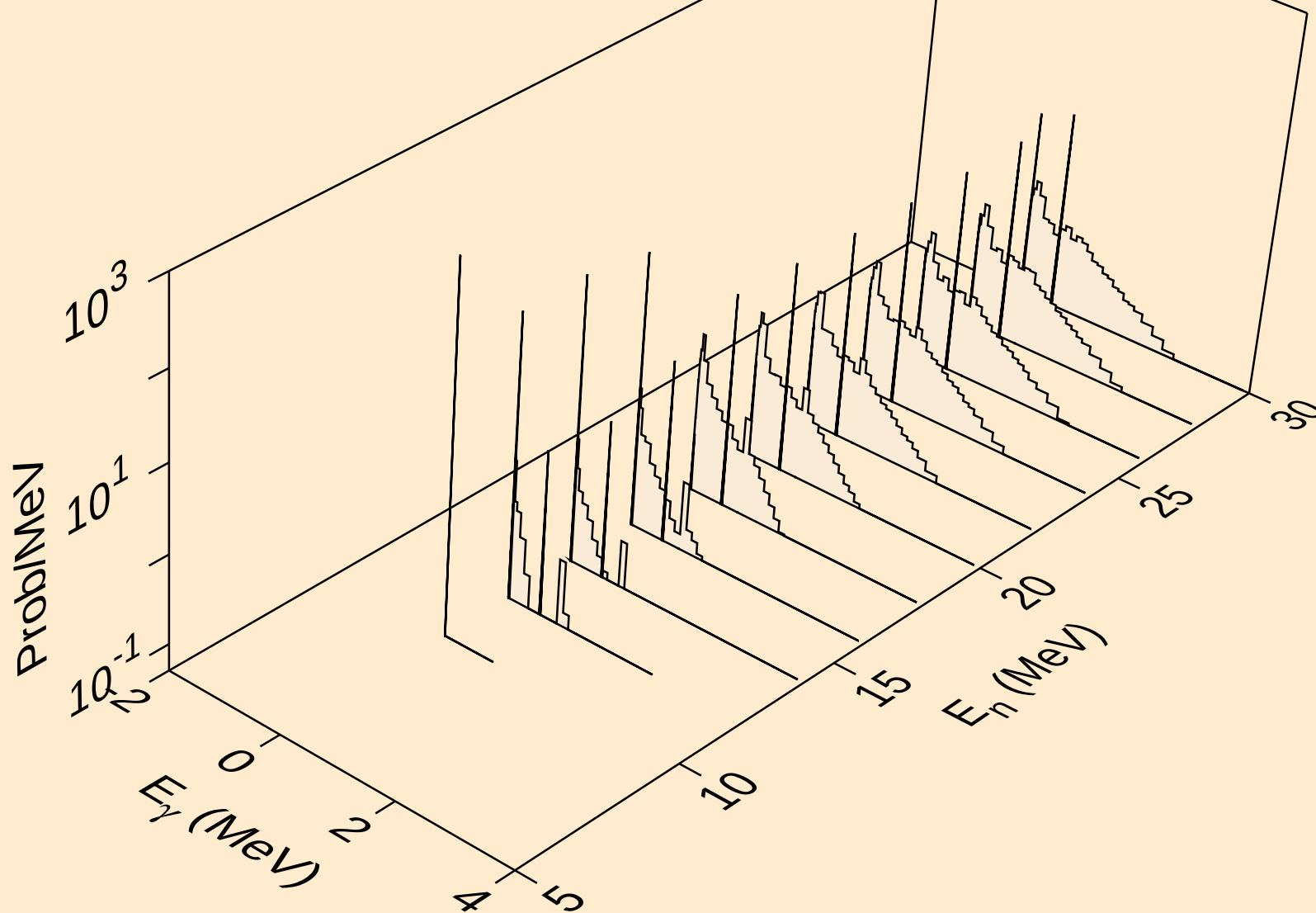


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

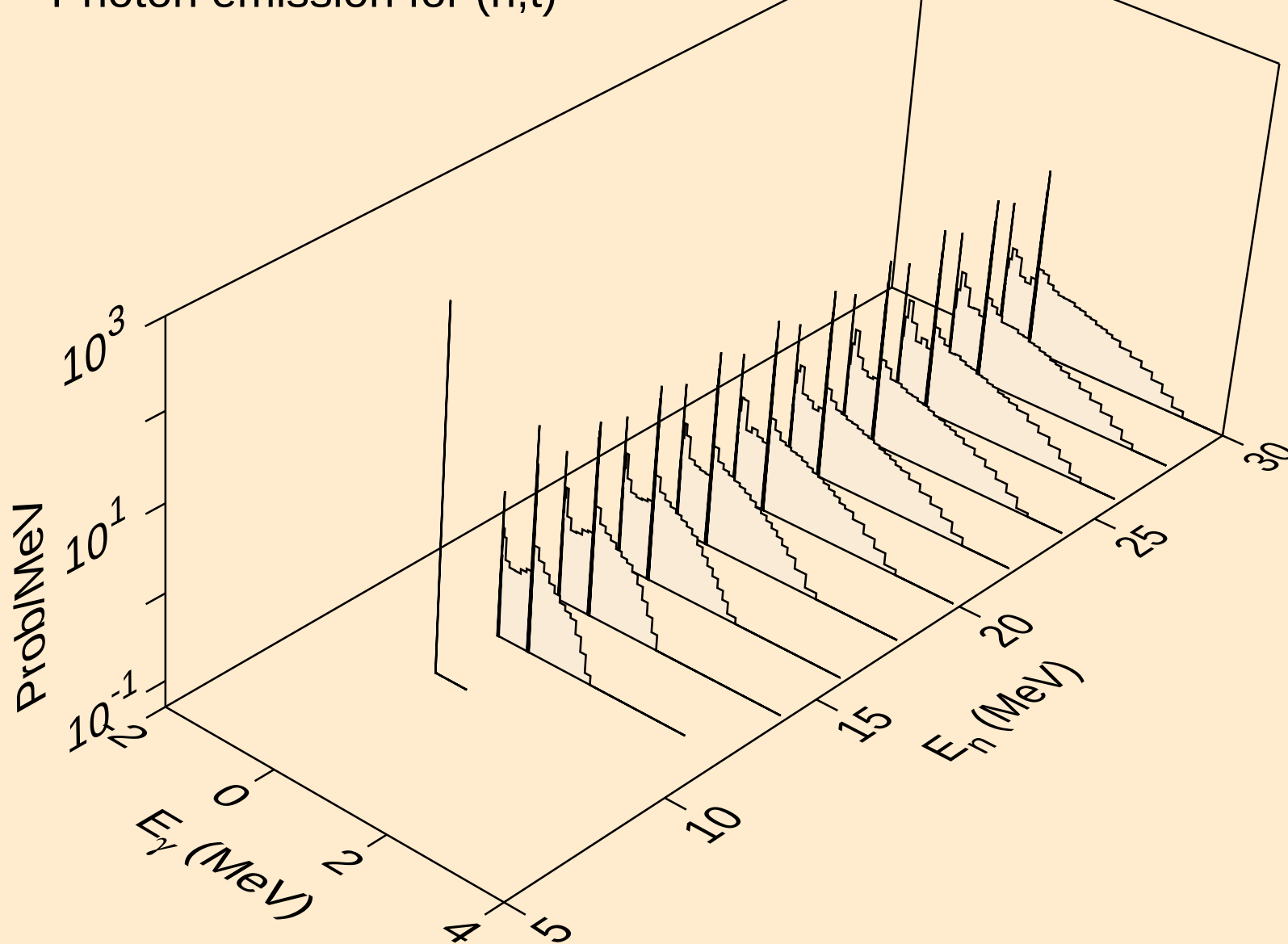




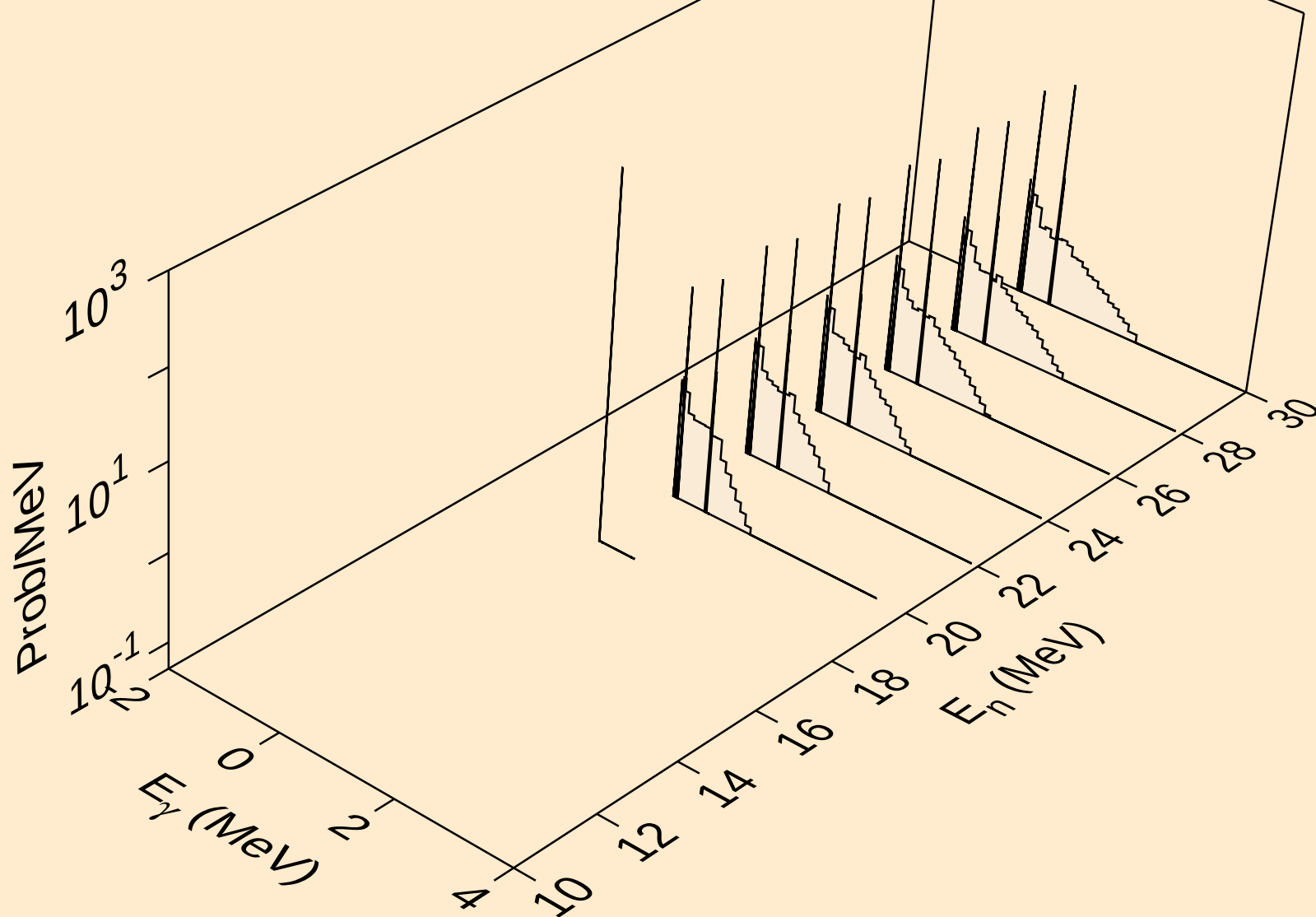
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



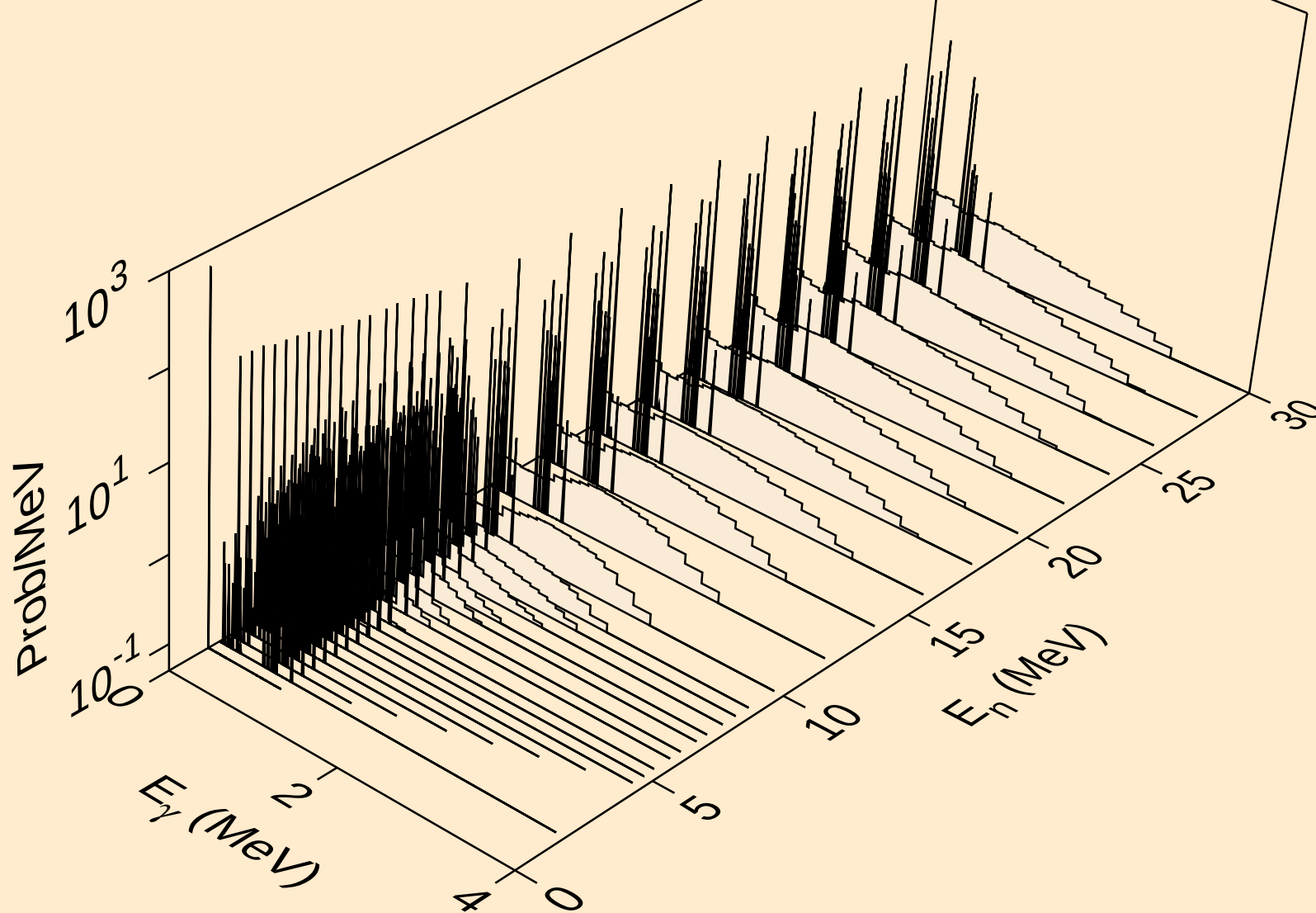
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



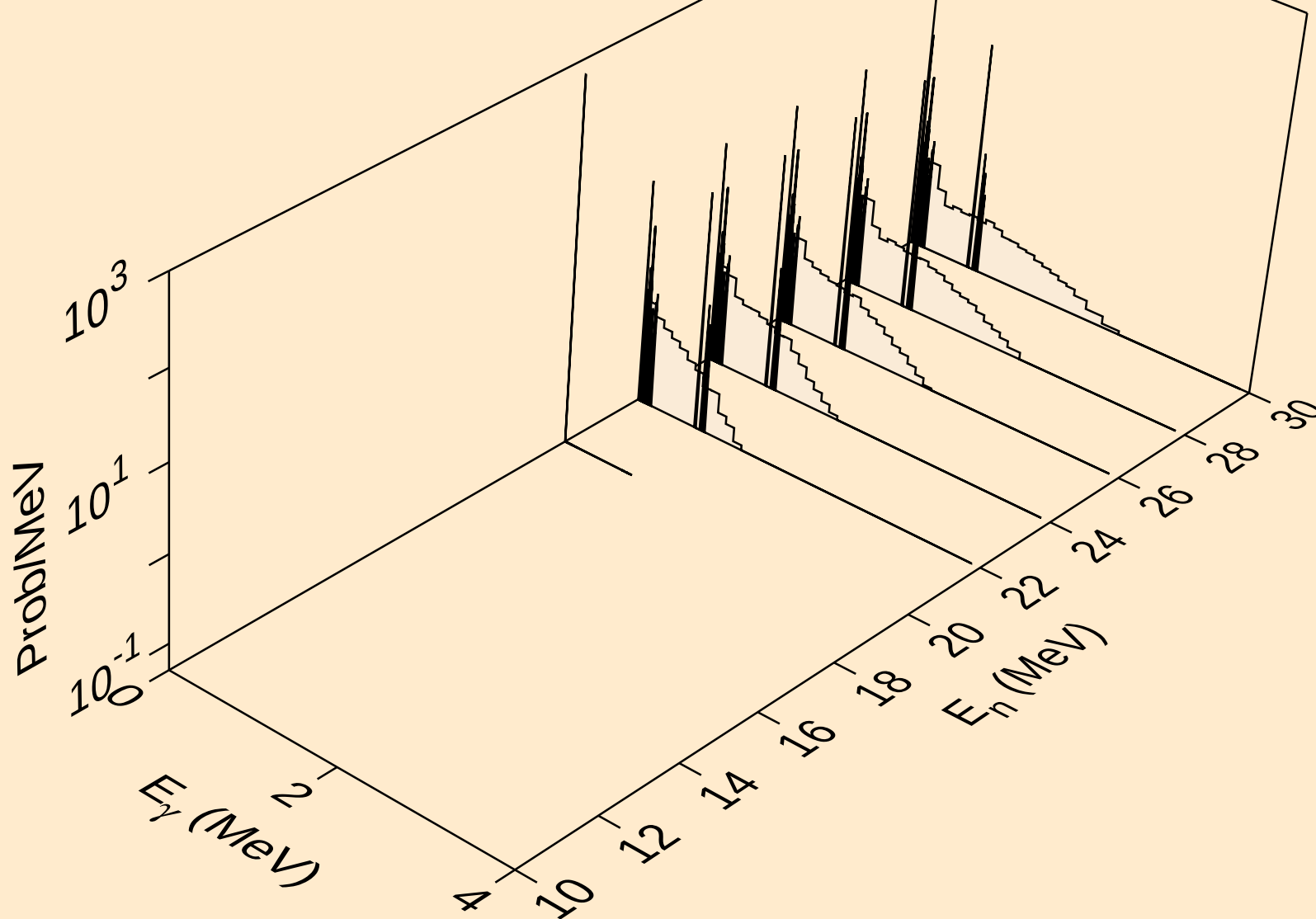
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



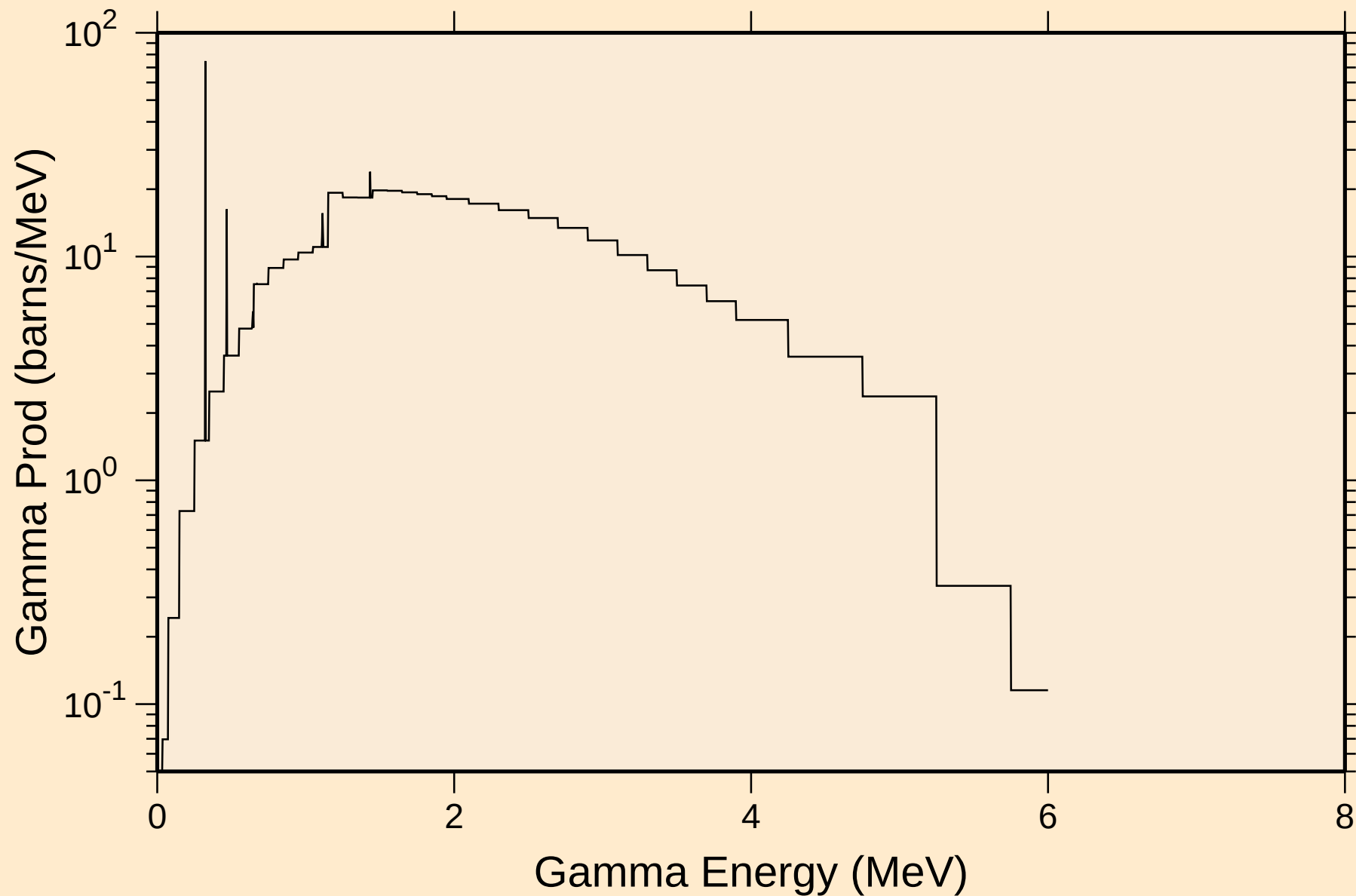
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



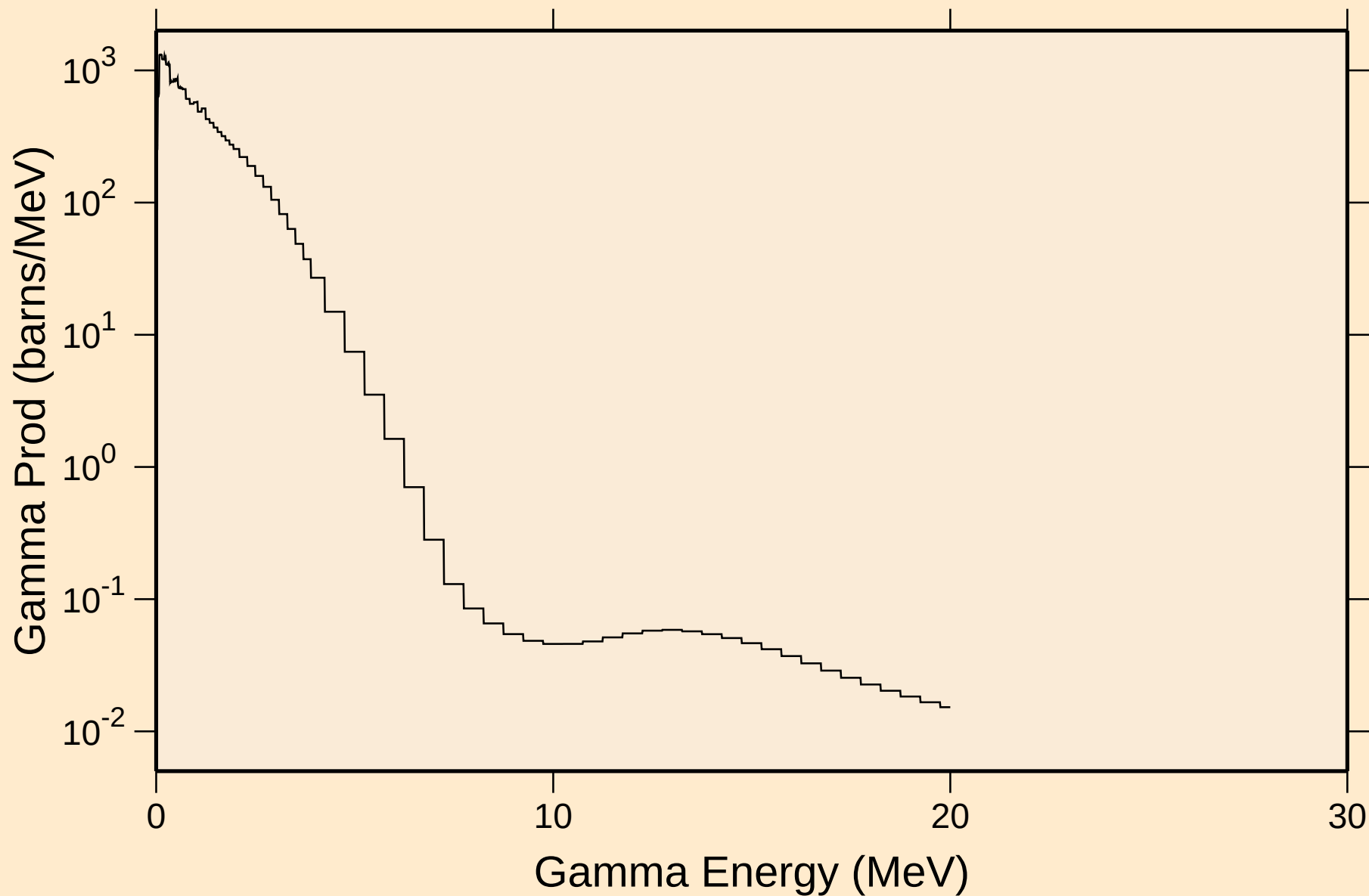
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

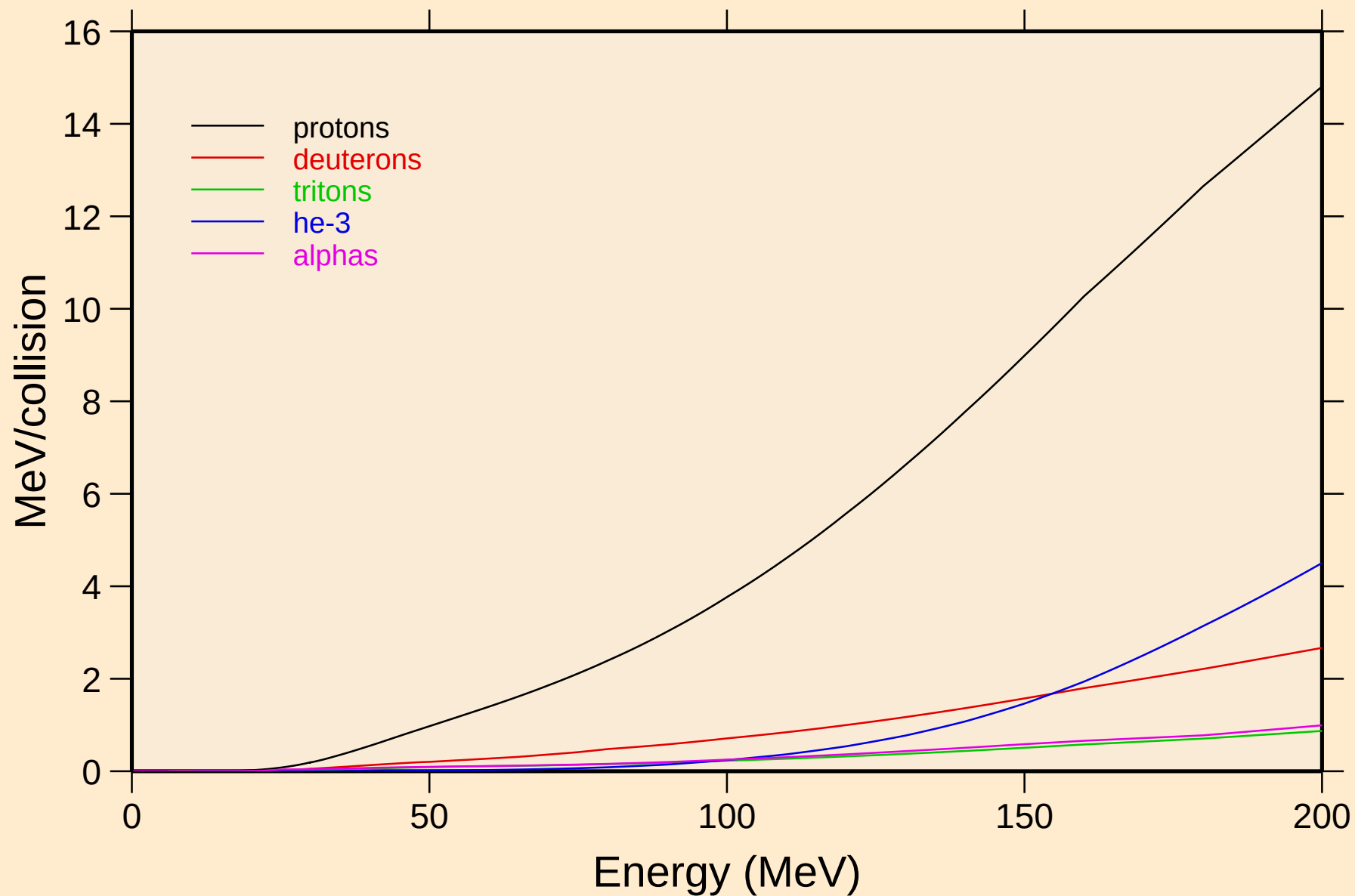


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

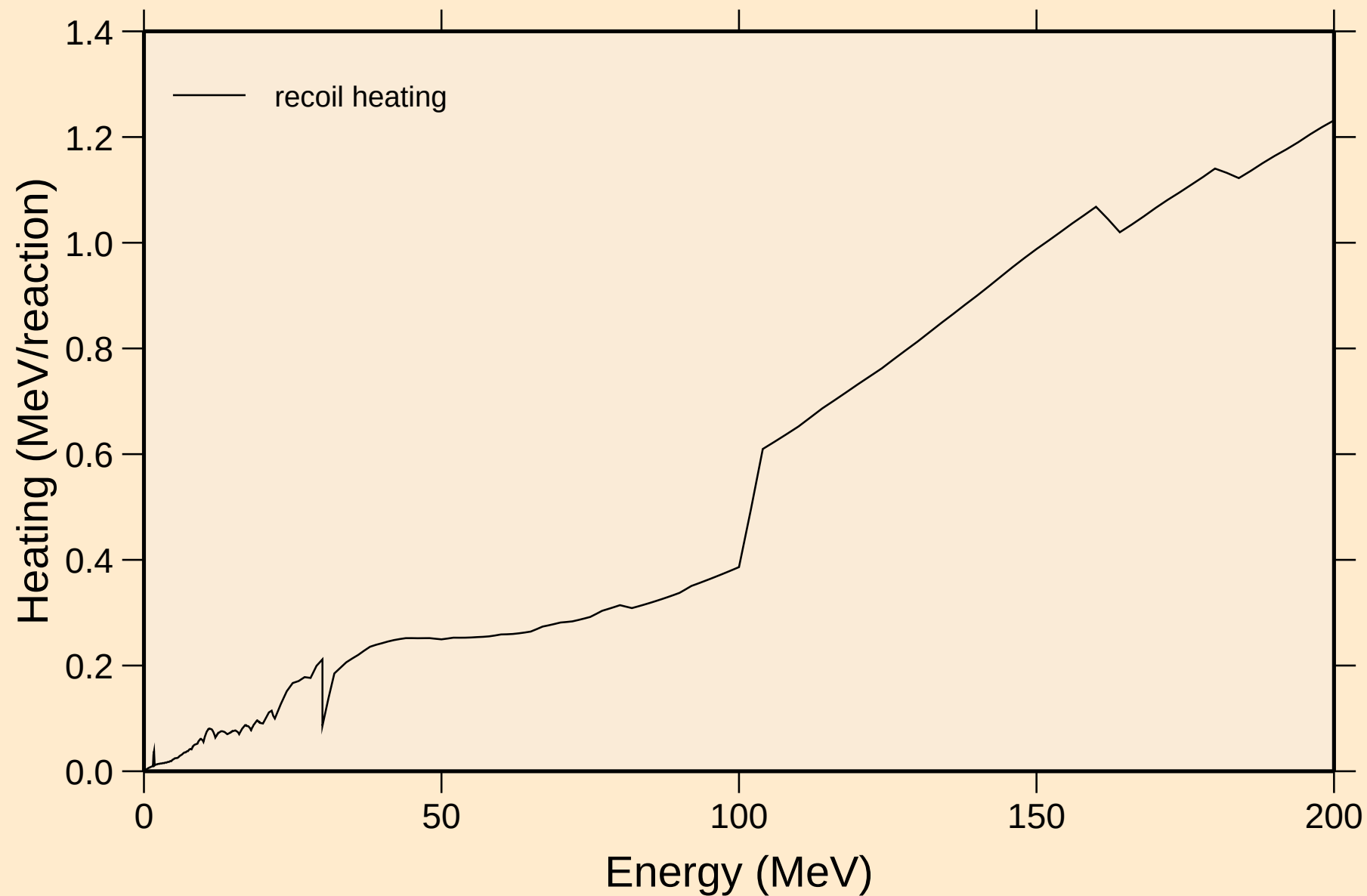
## Particle heating contributions



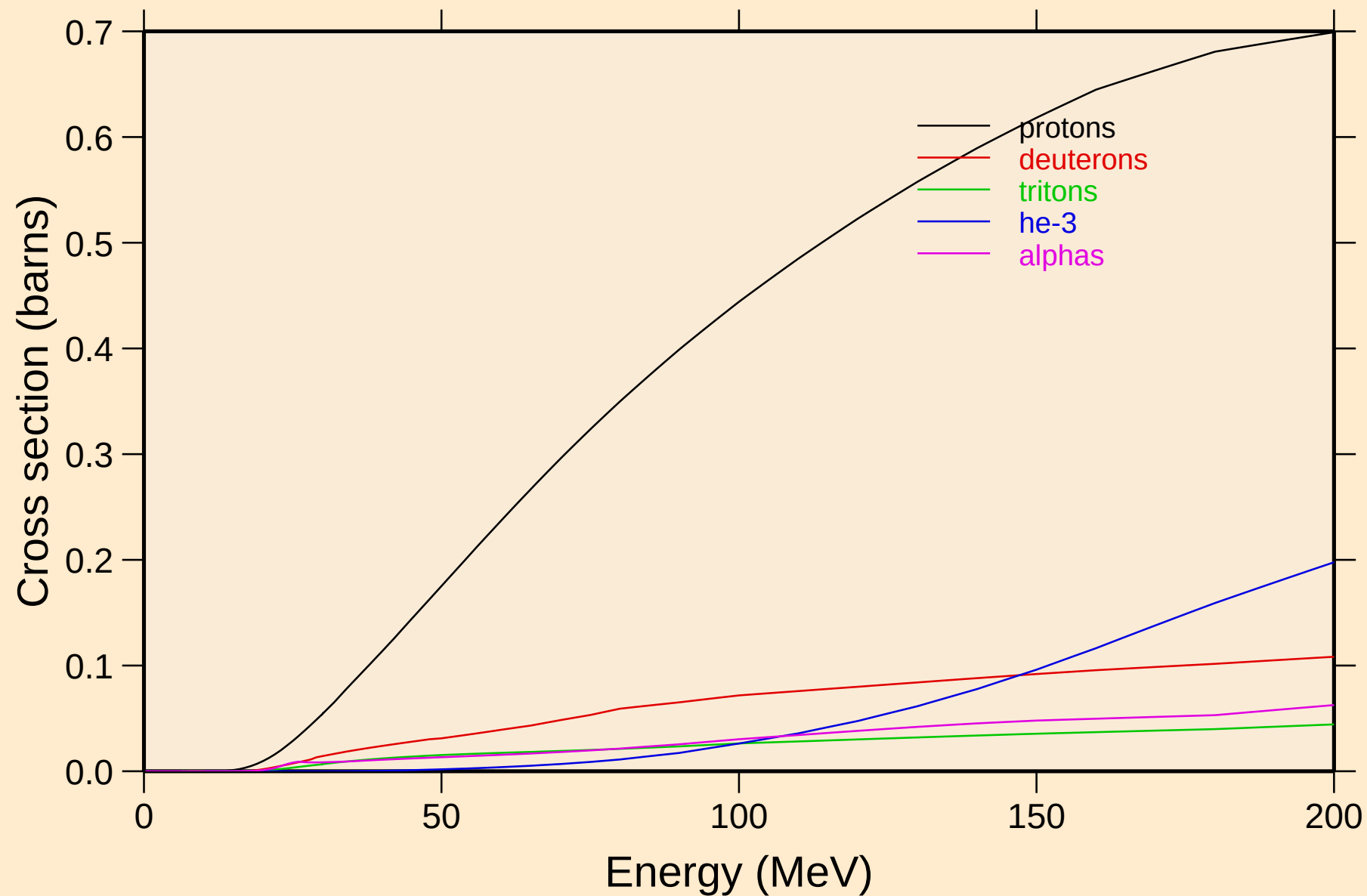


# OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

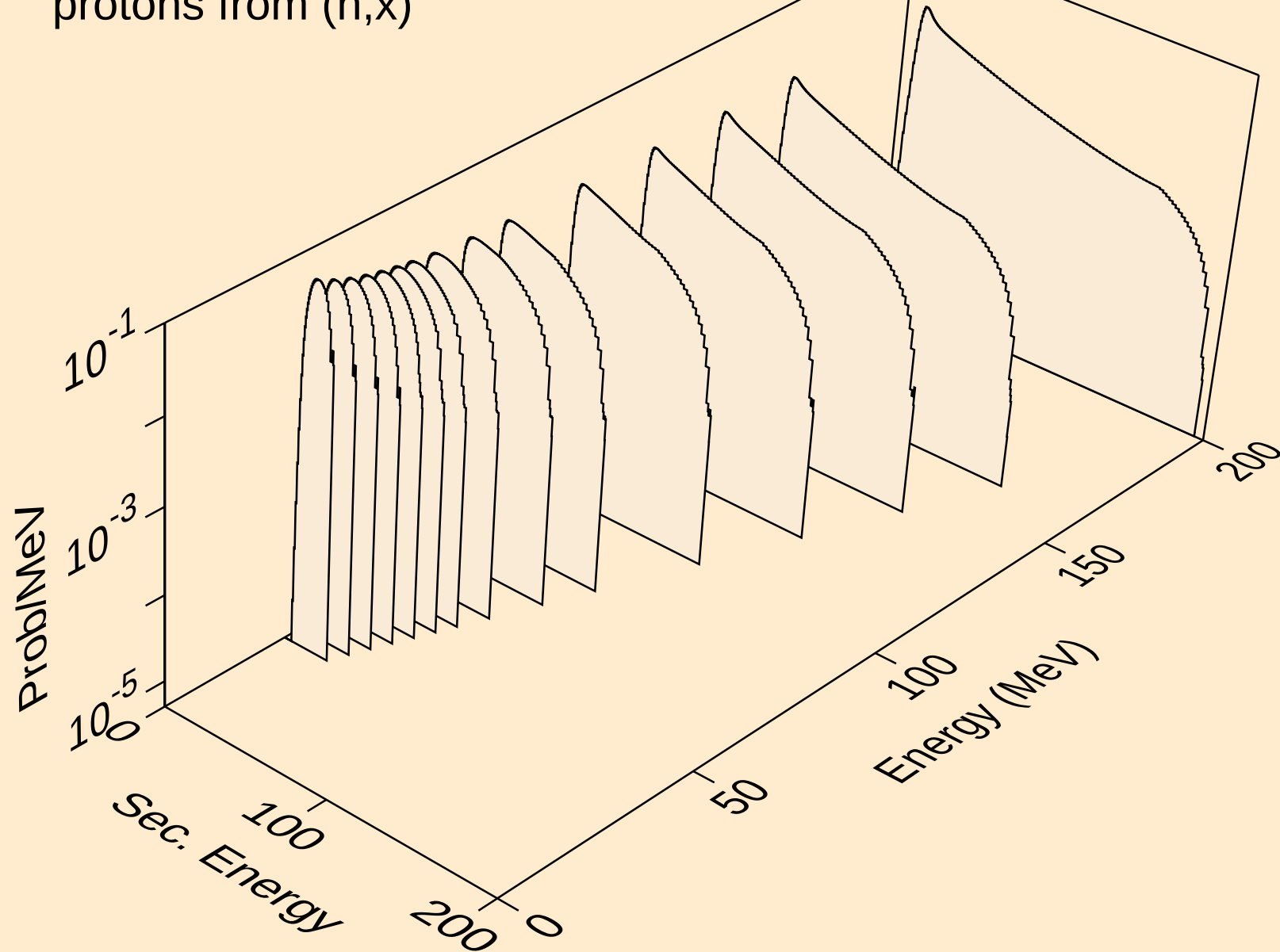
## Recoil Heating



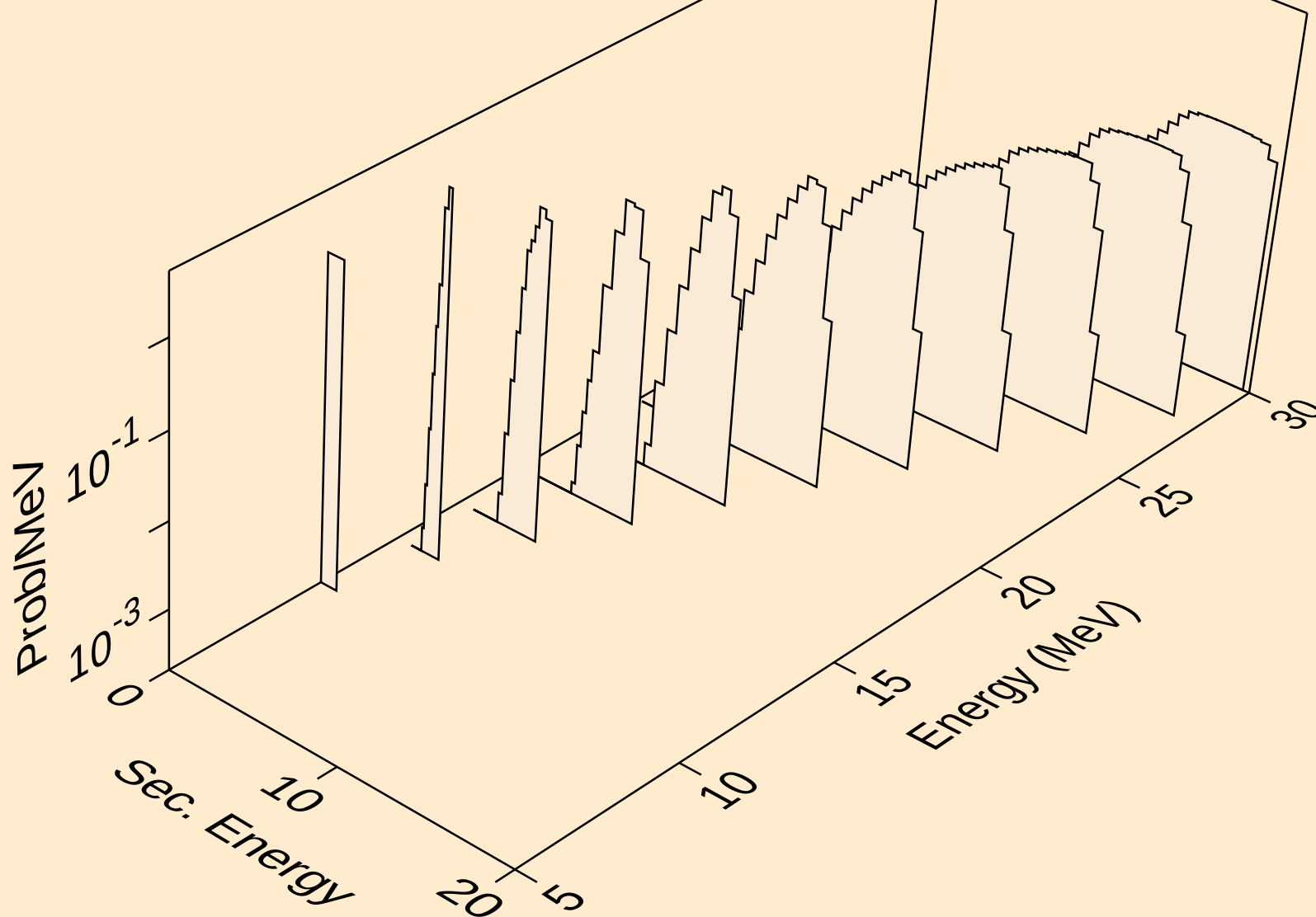
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



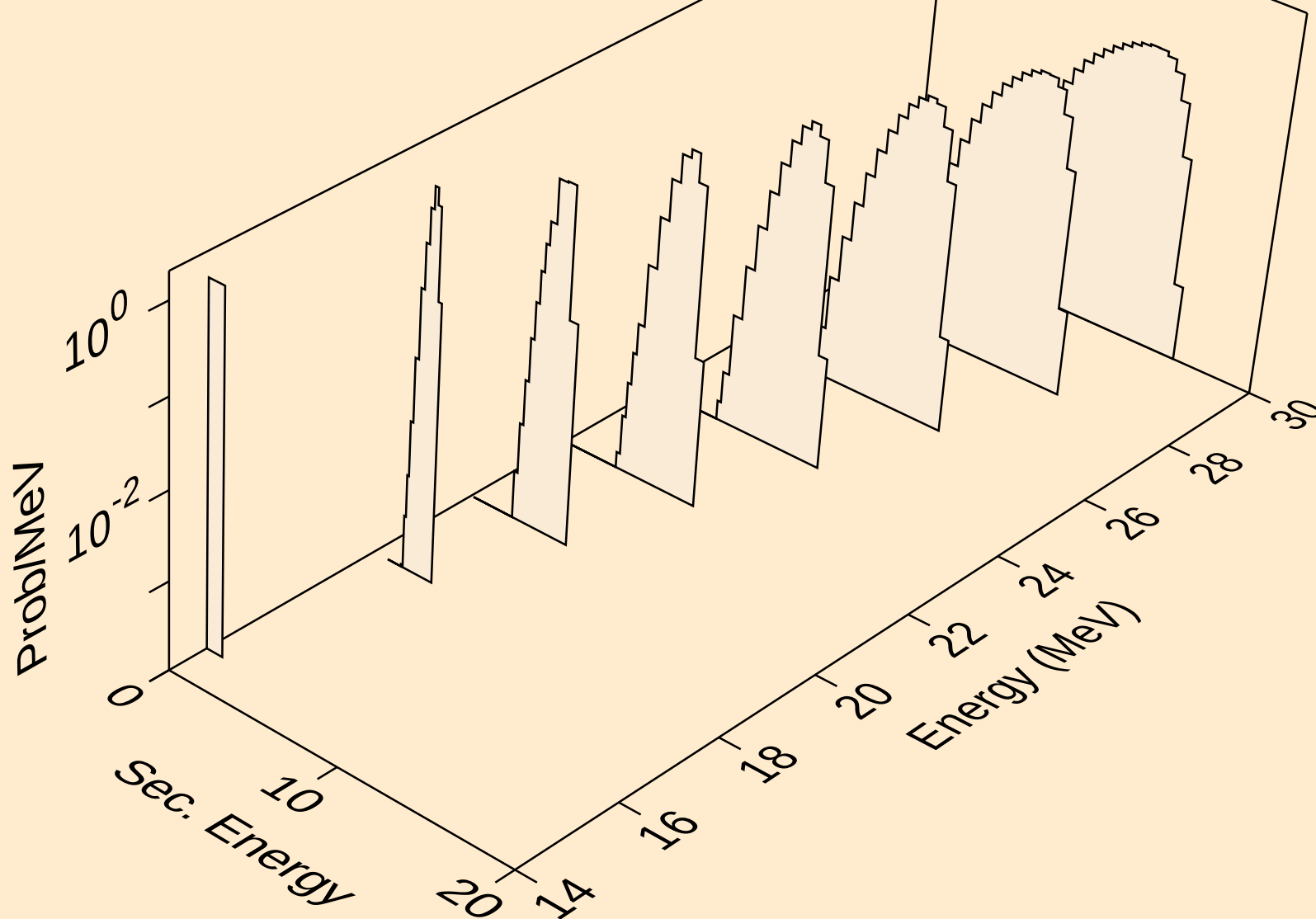
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



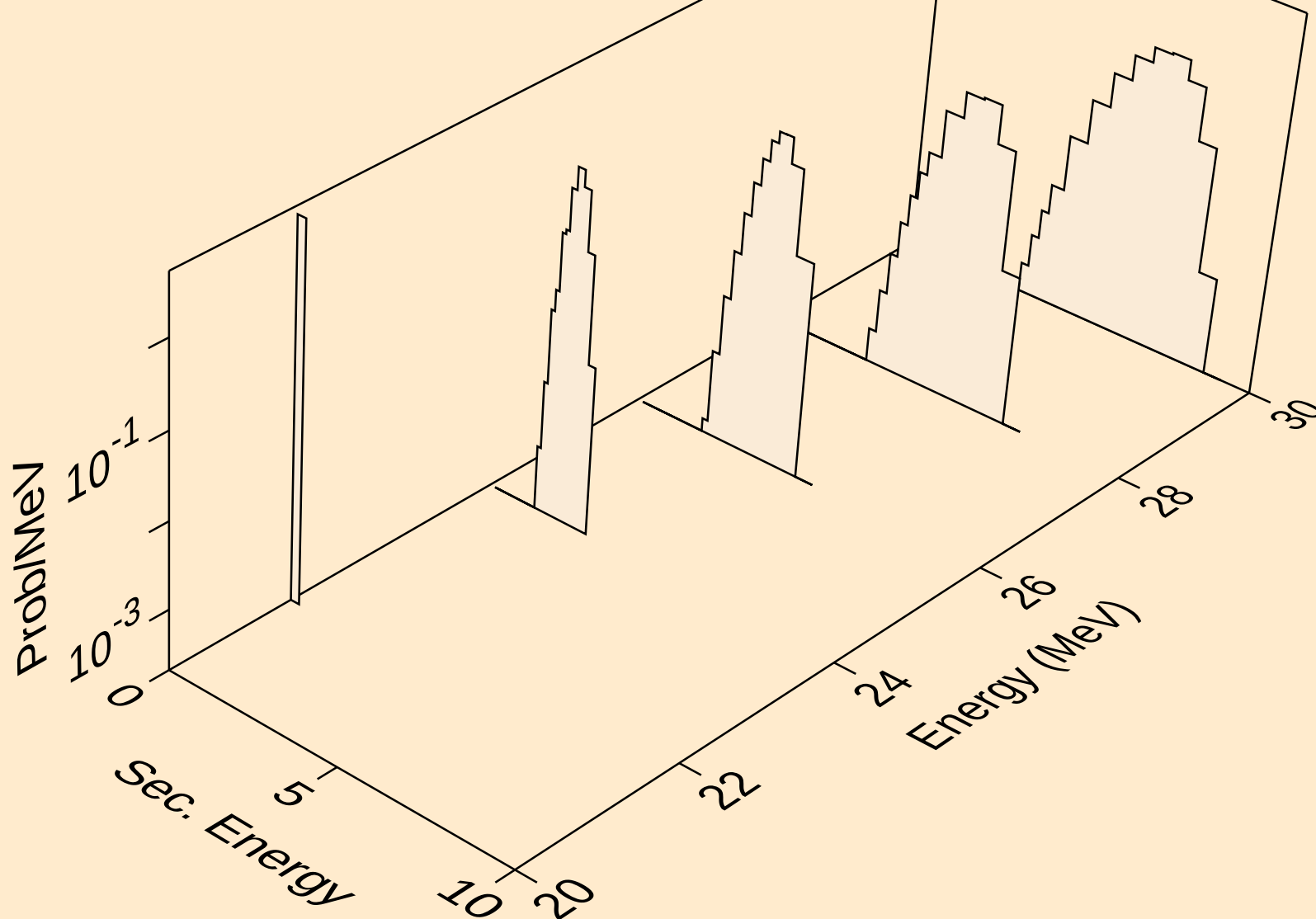
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



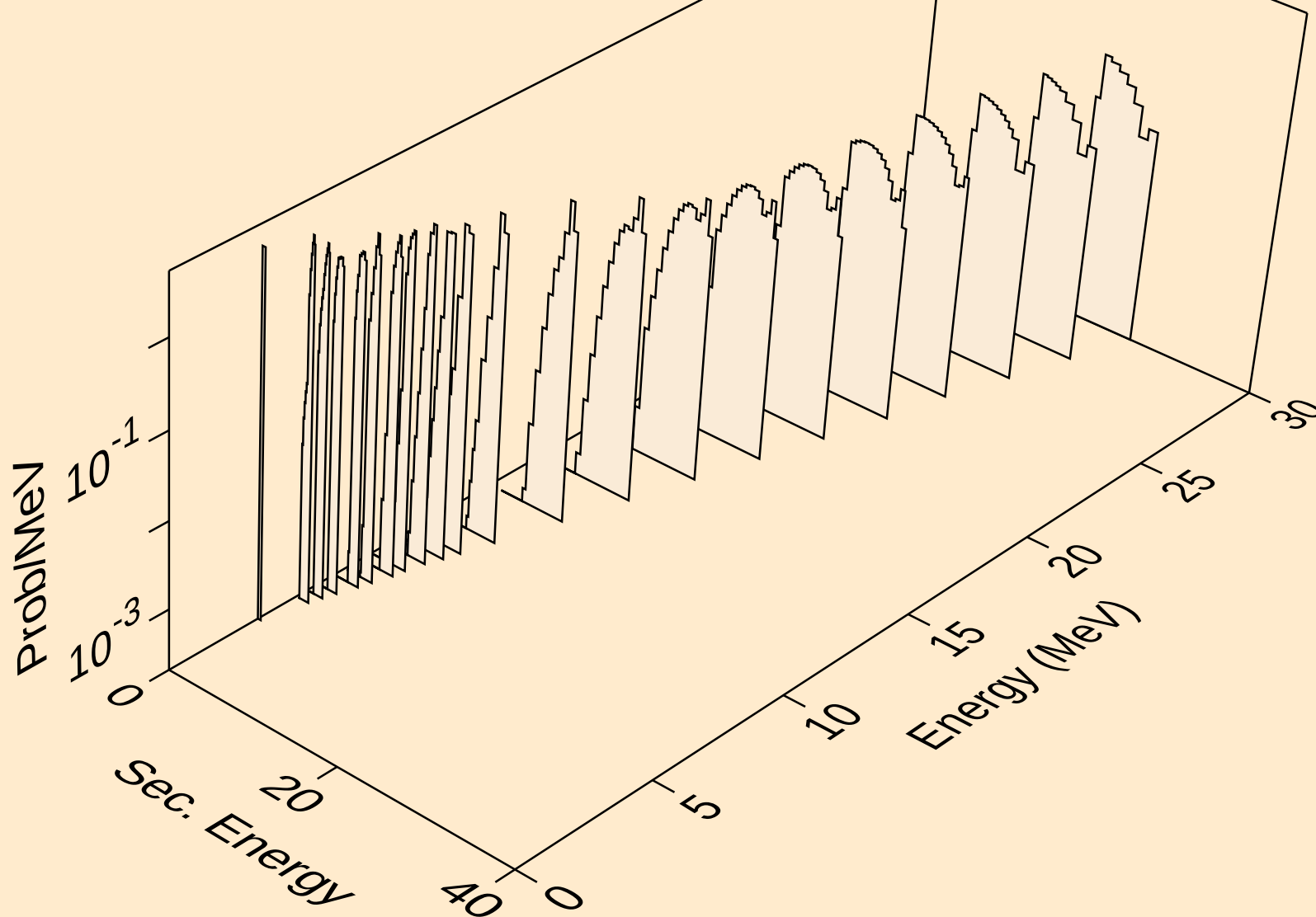
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



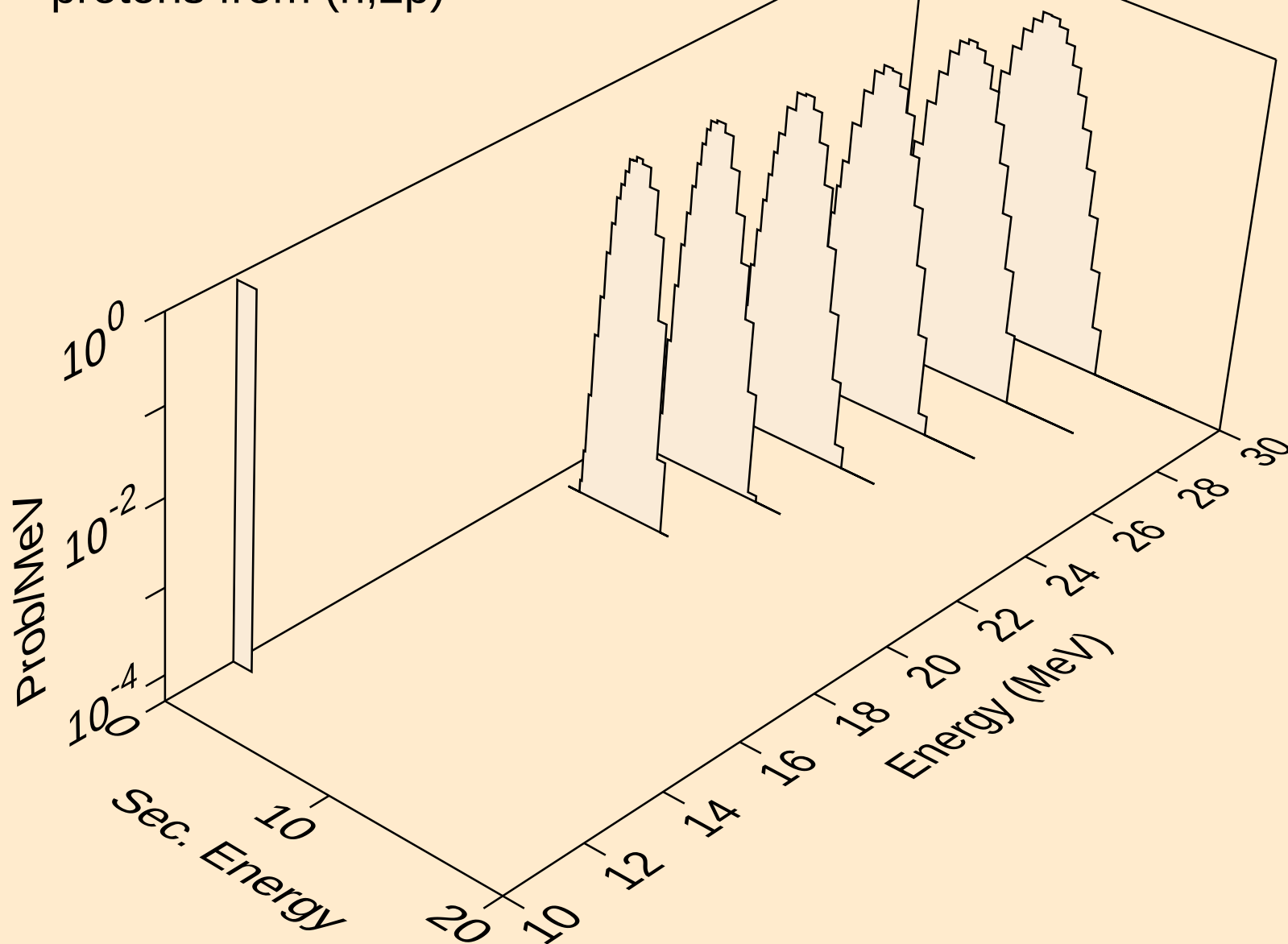
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

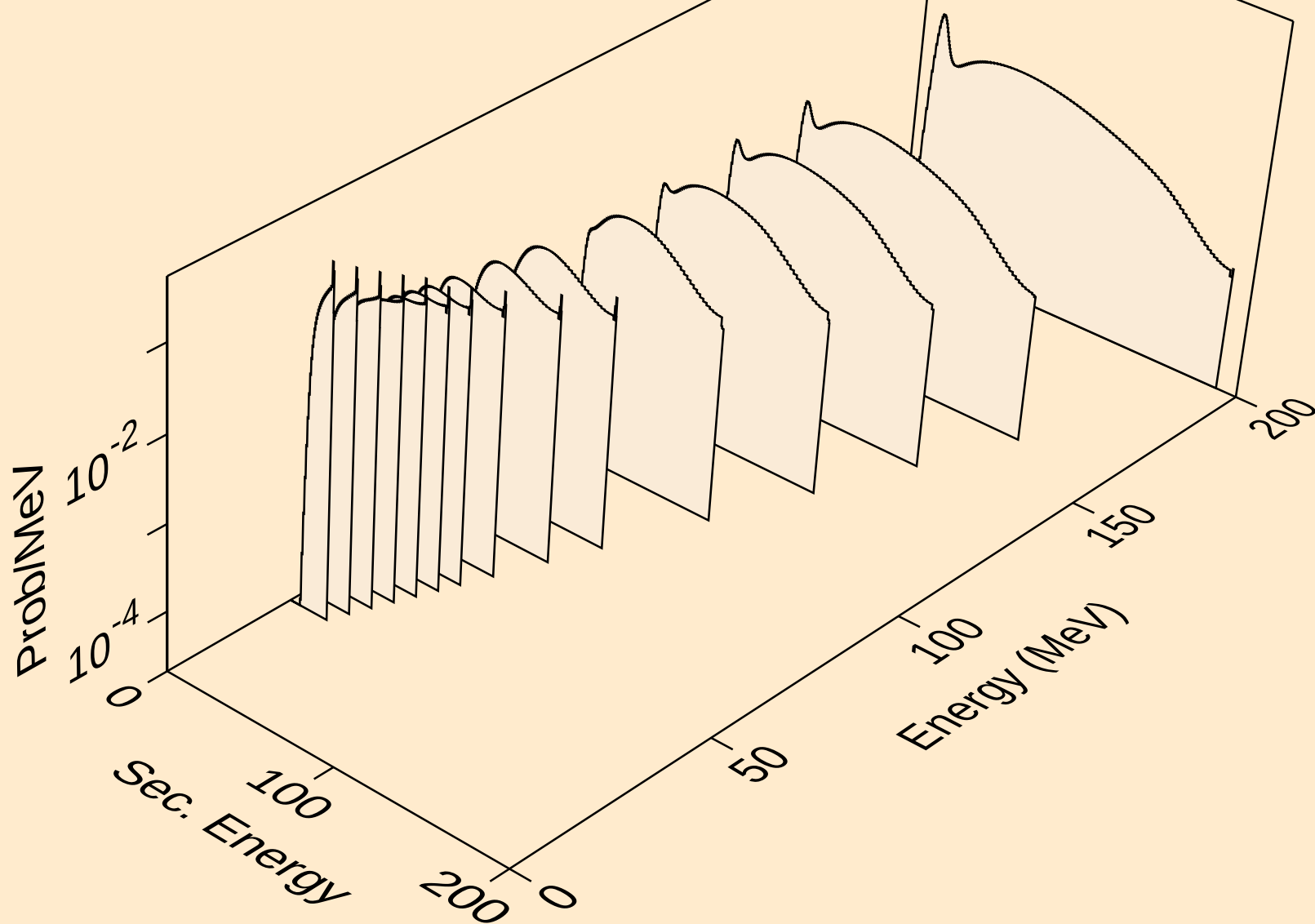


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protons from (n,2p)

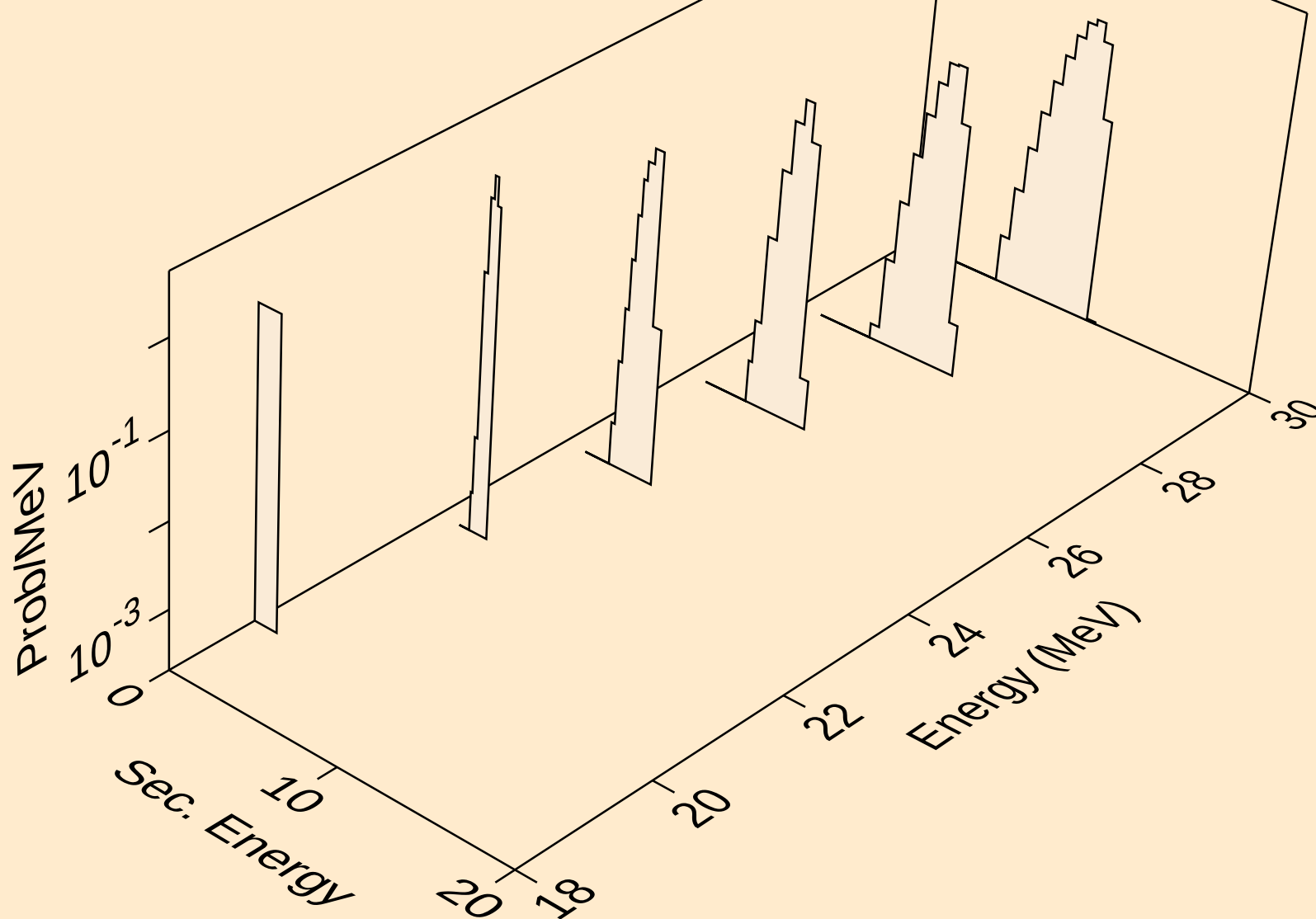




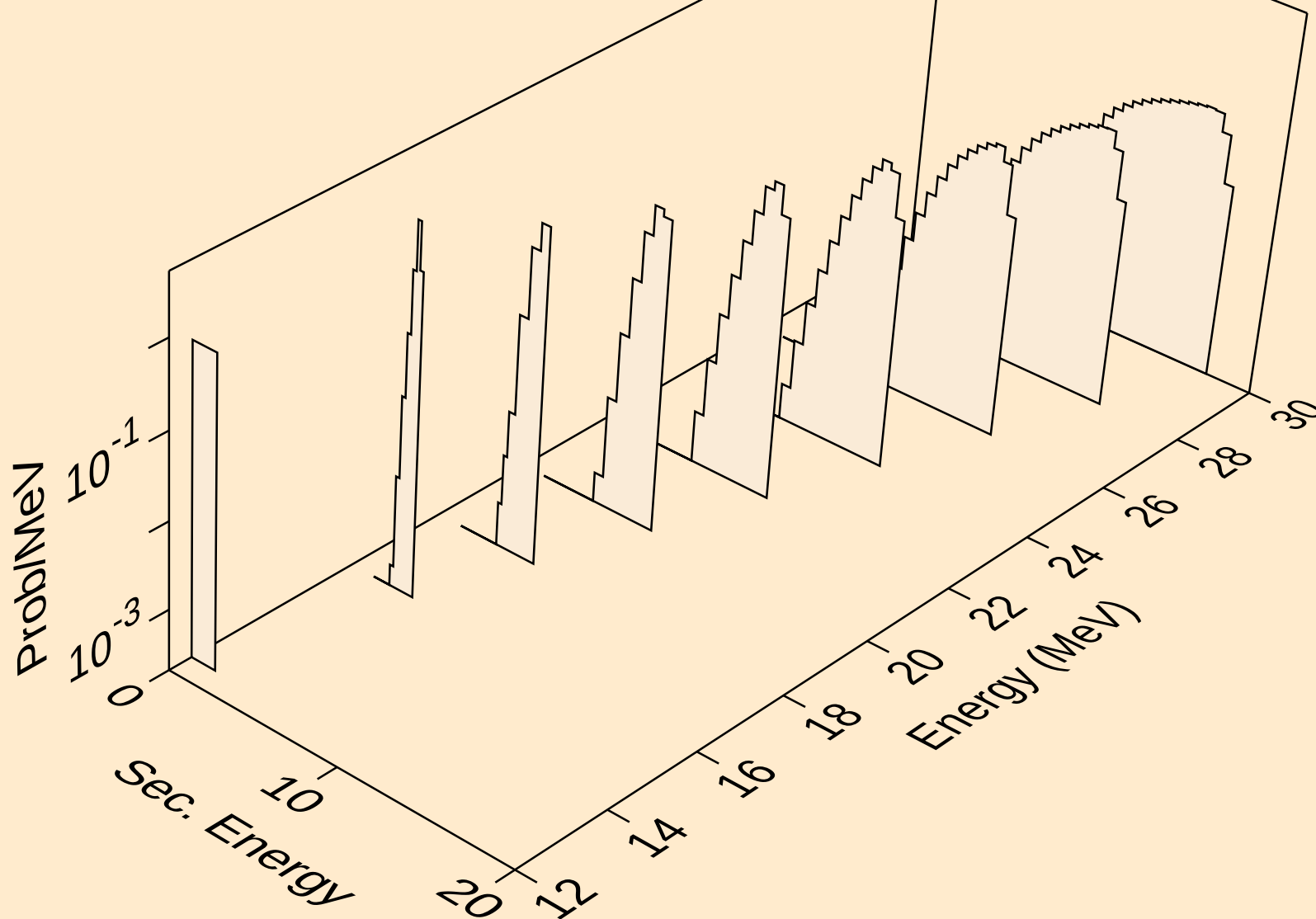
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



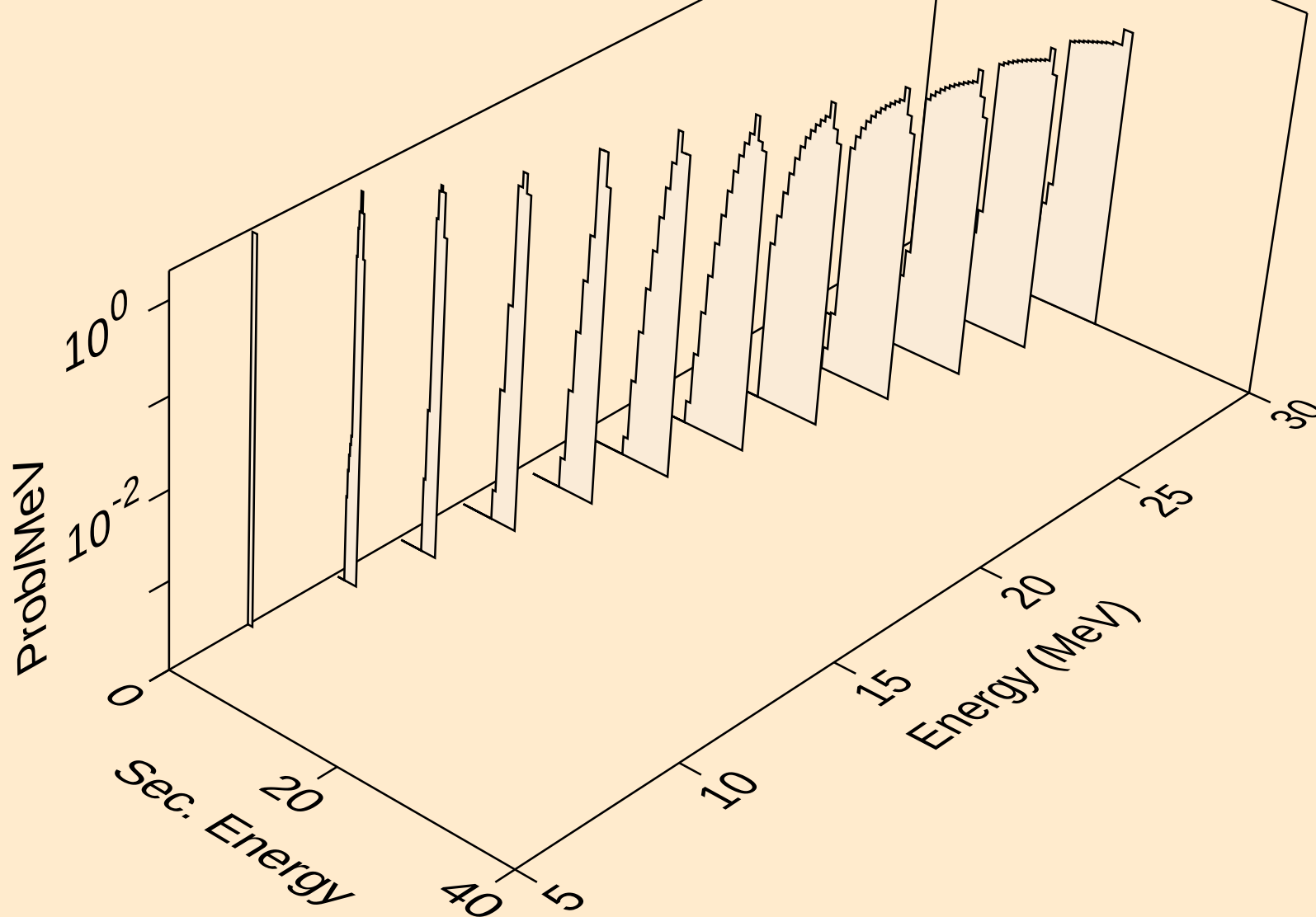
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deuterons from (n,2nd)



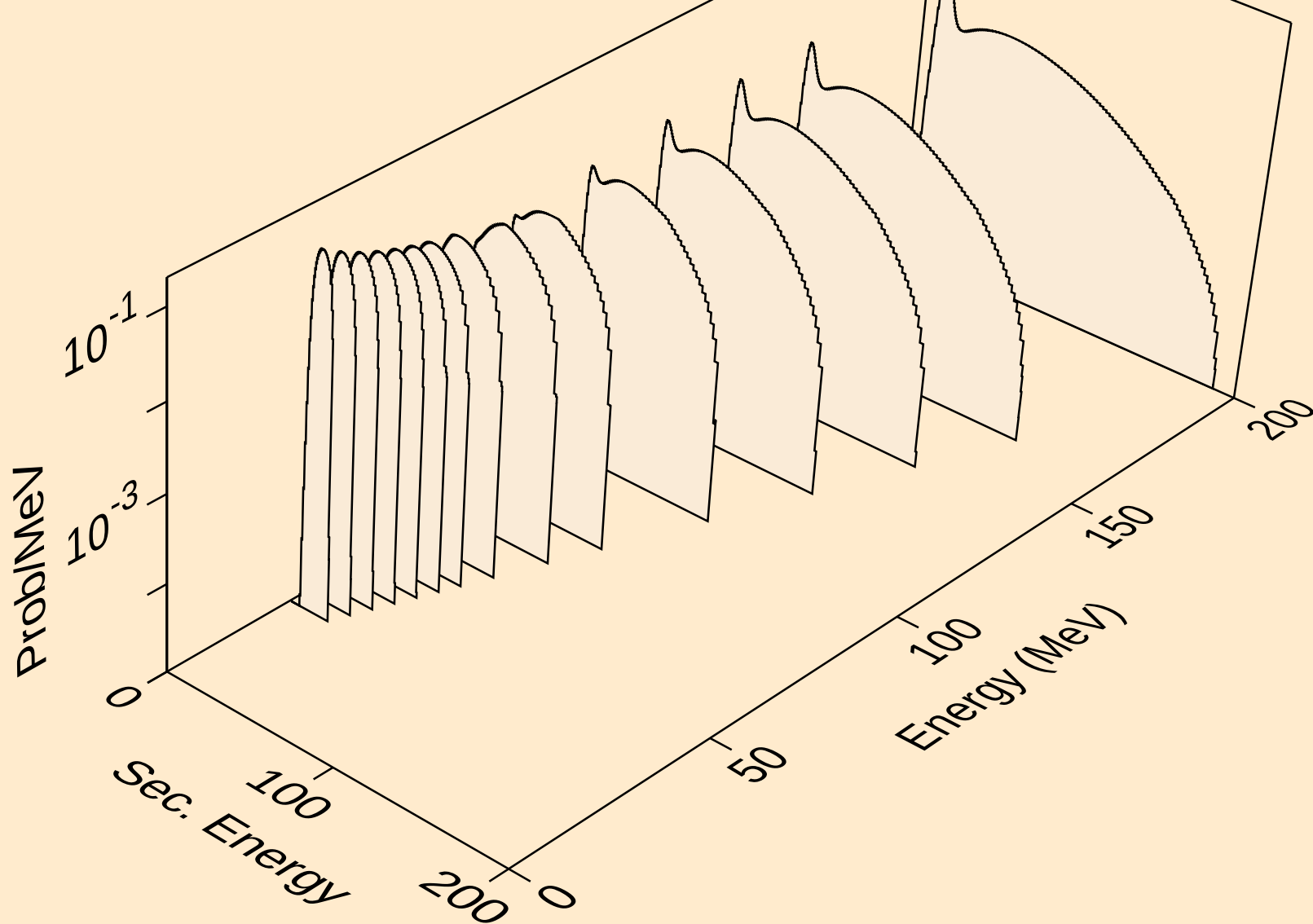
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



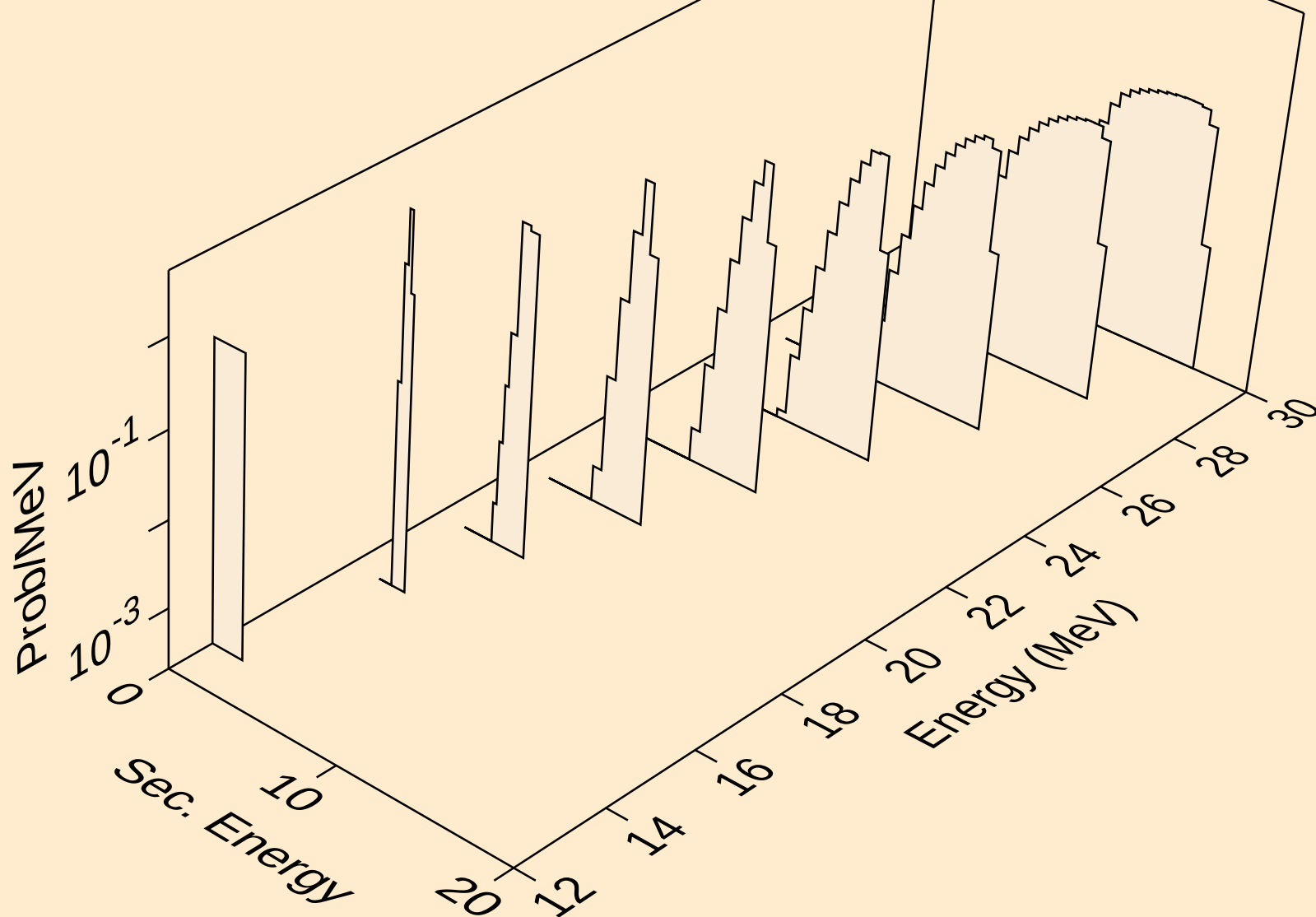
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deuterons from (n,d)



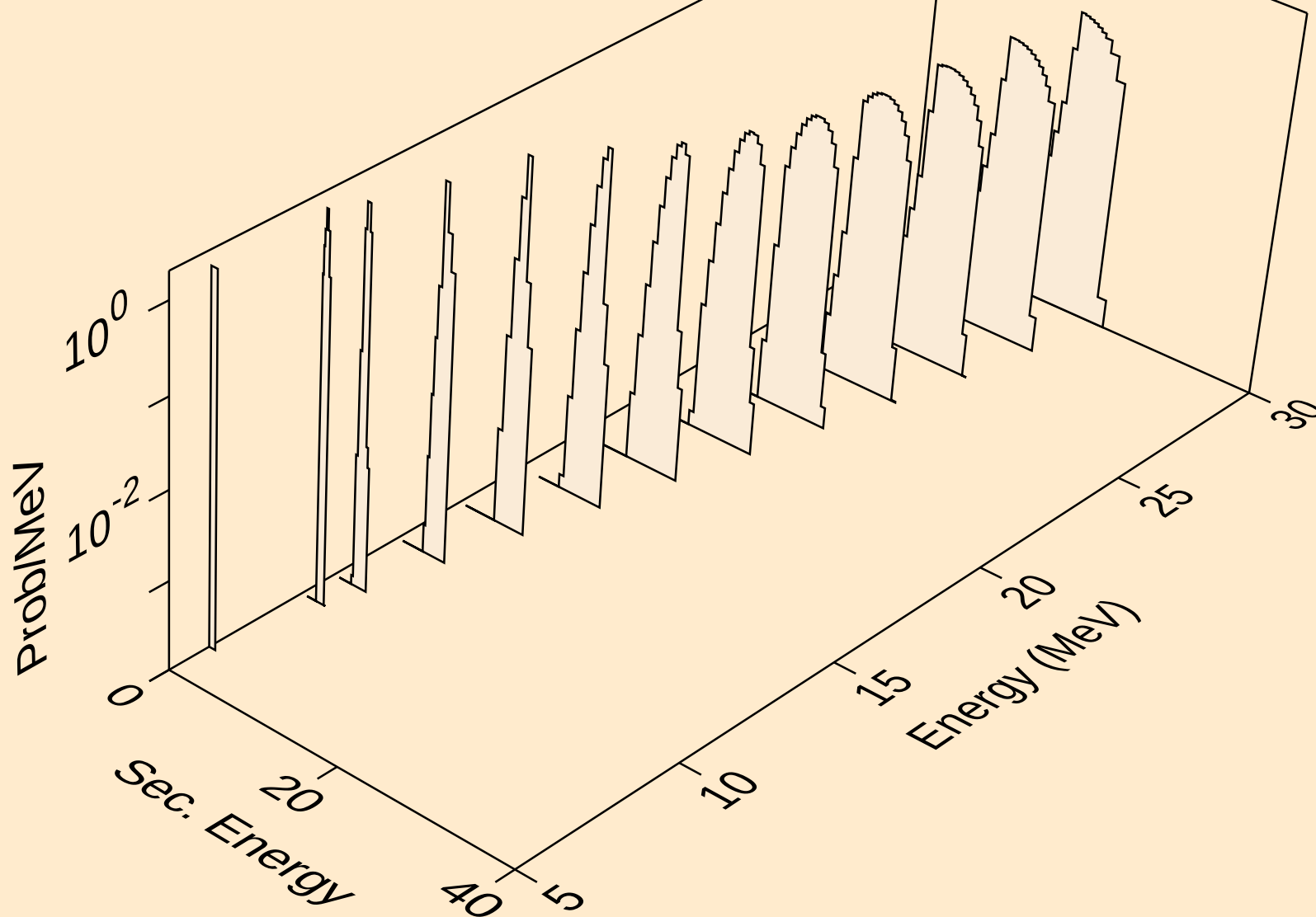
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



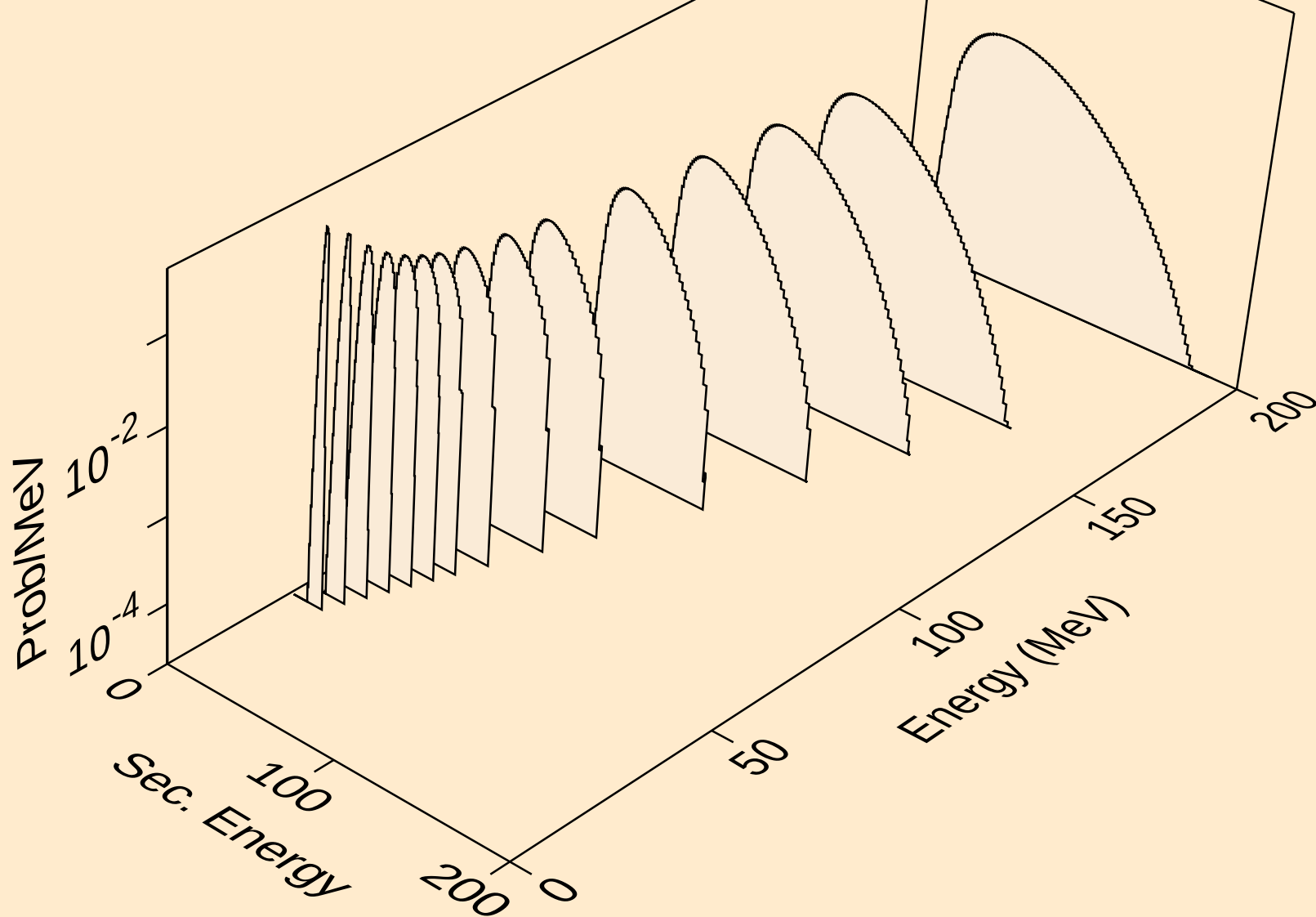
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

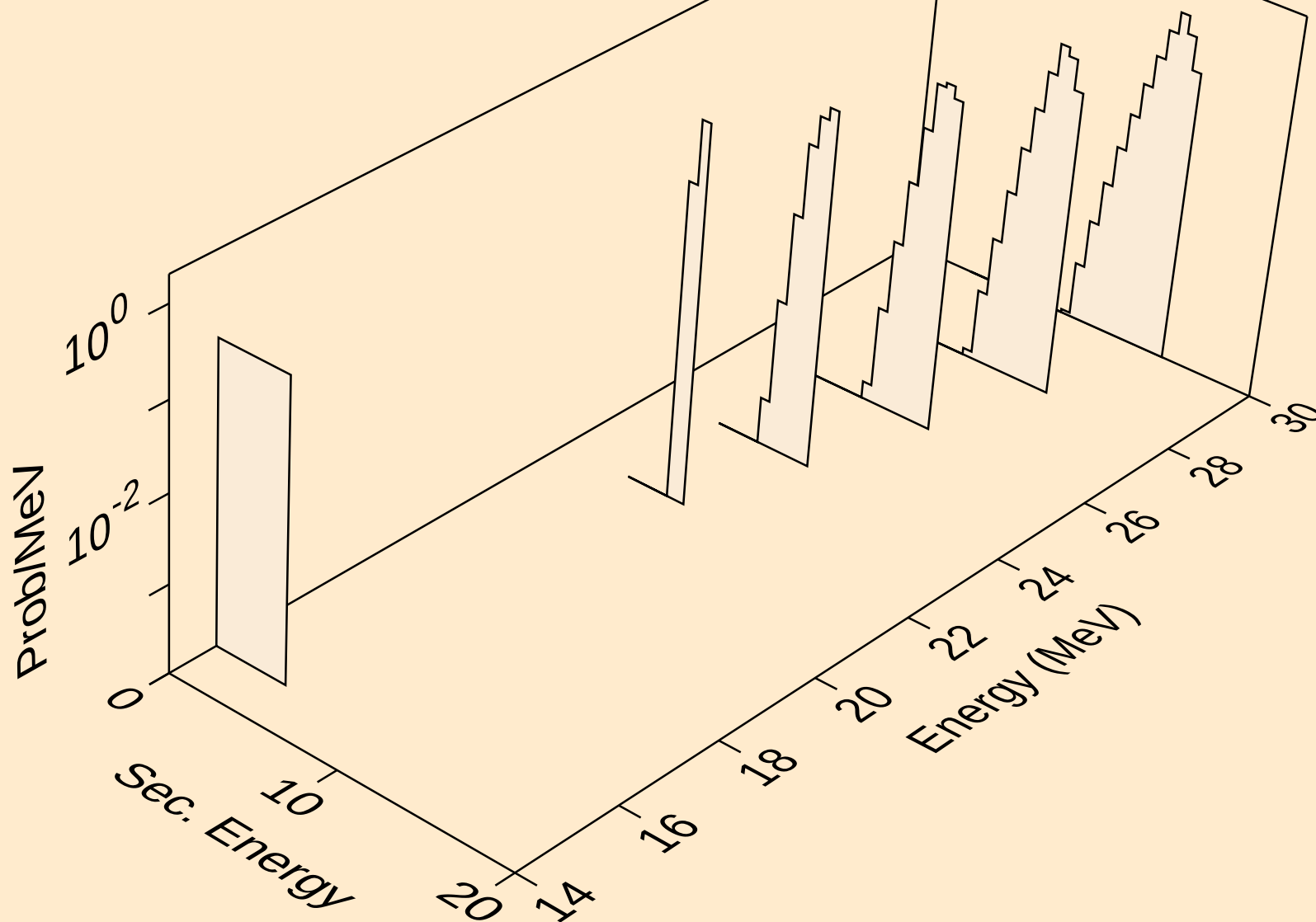


OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

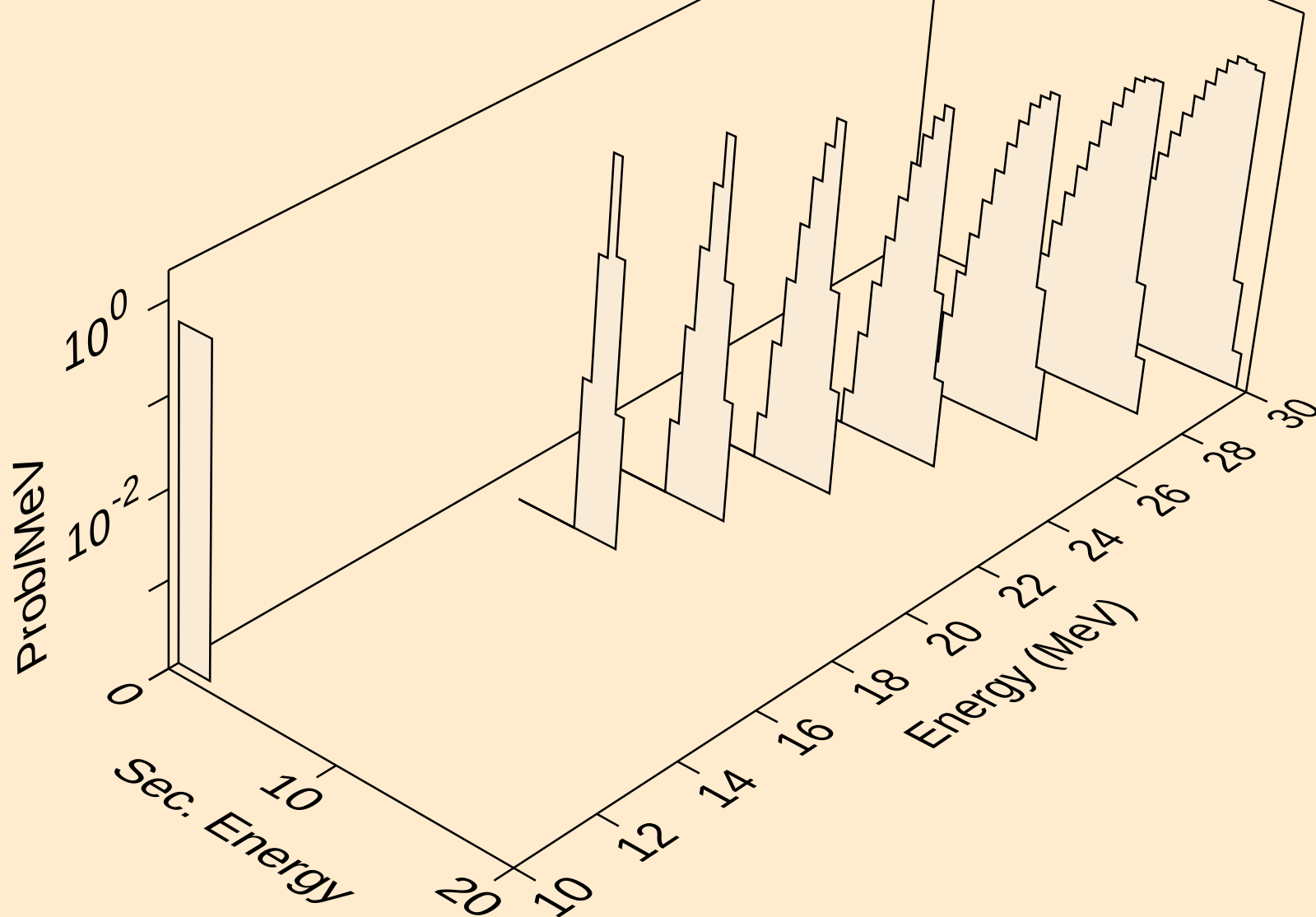




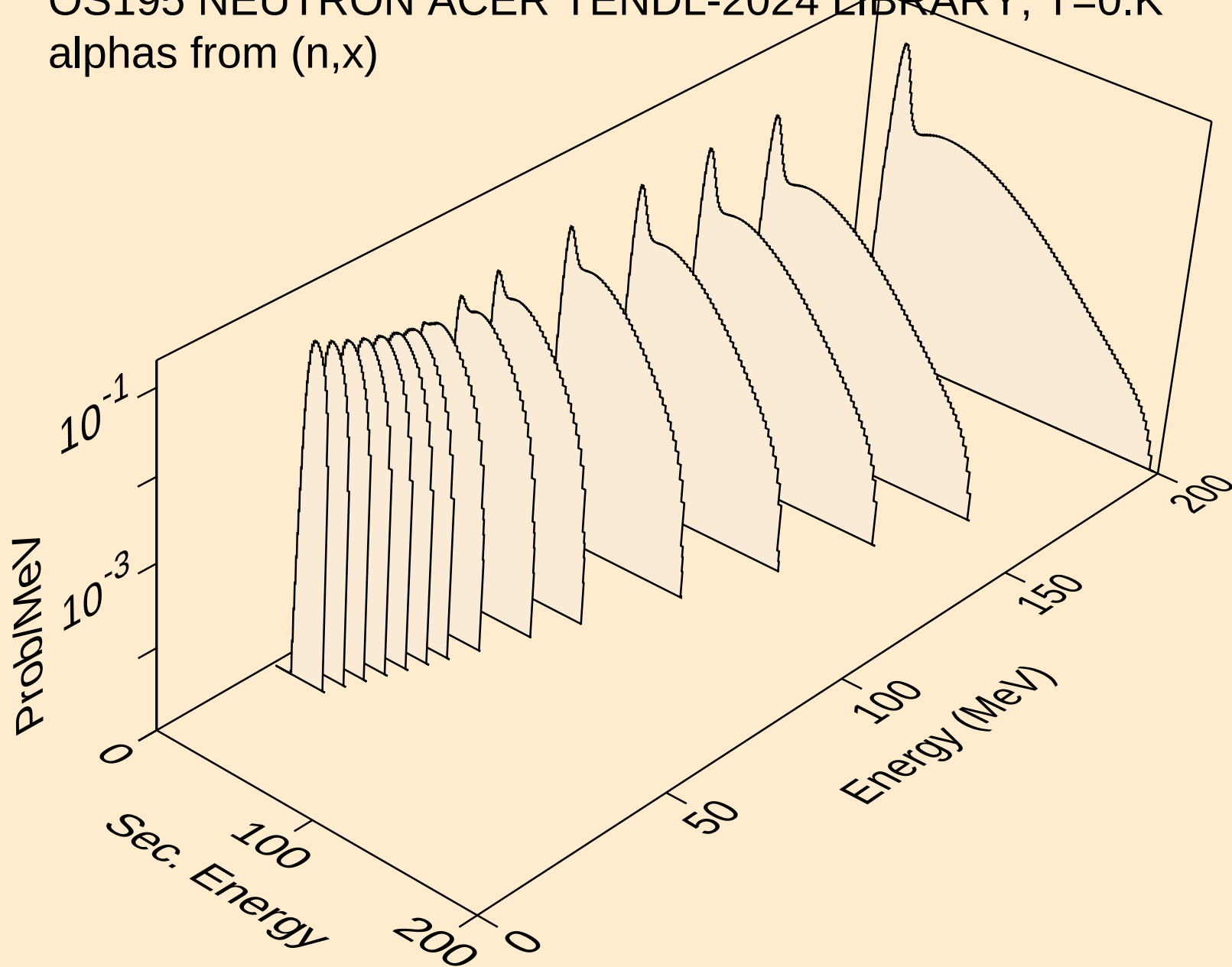
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



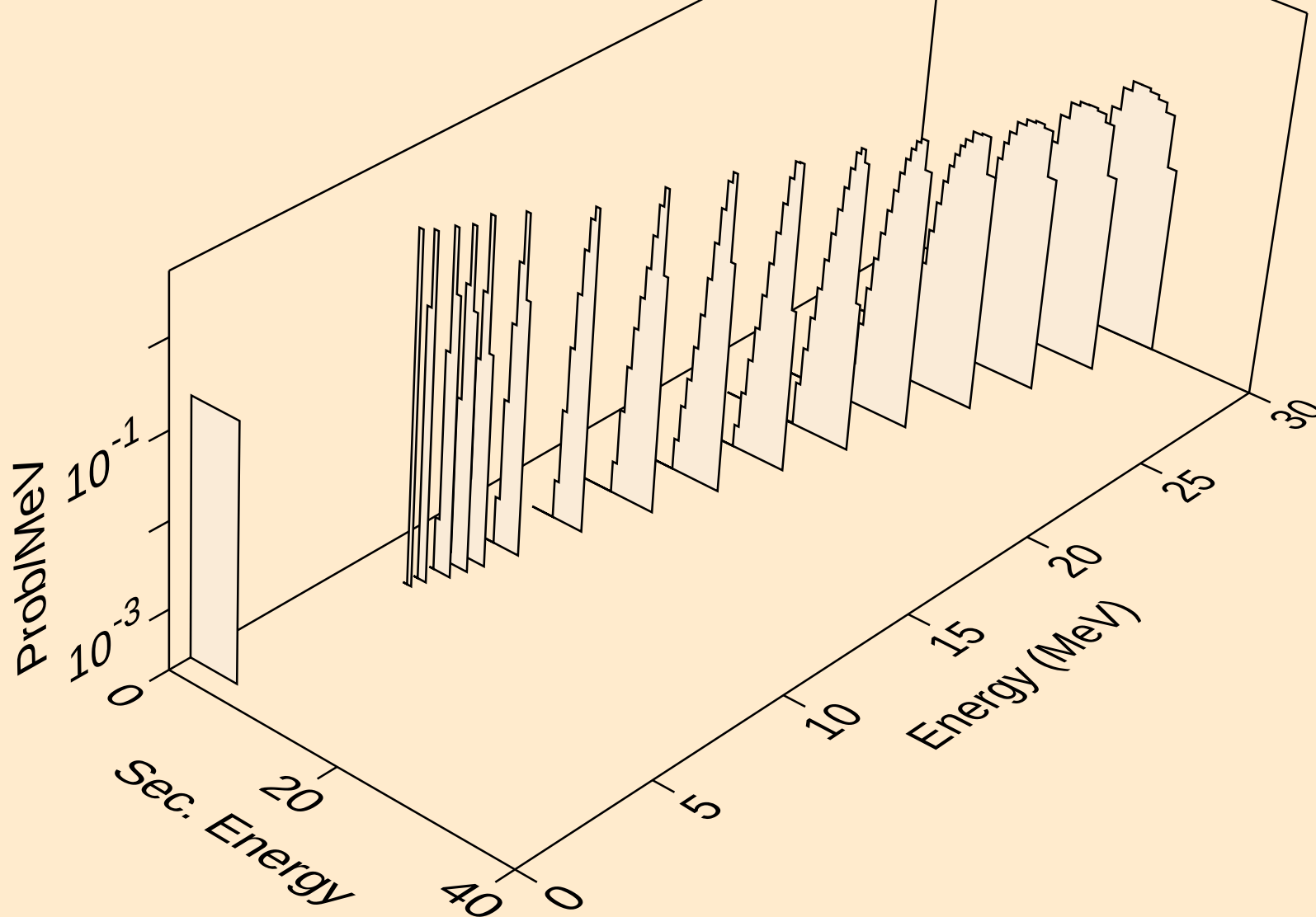
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he3s from (n,he3)



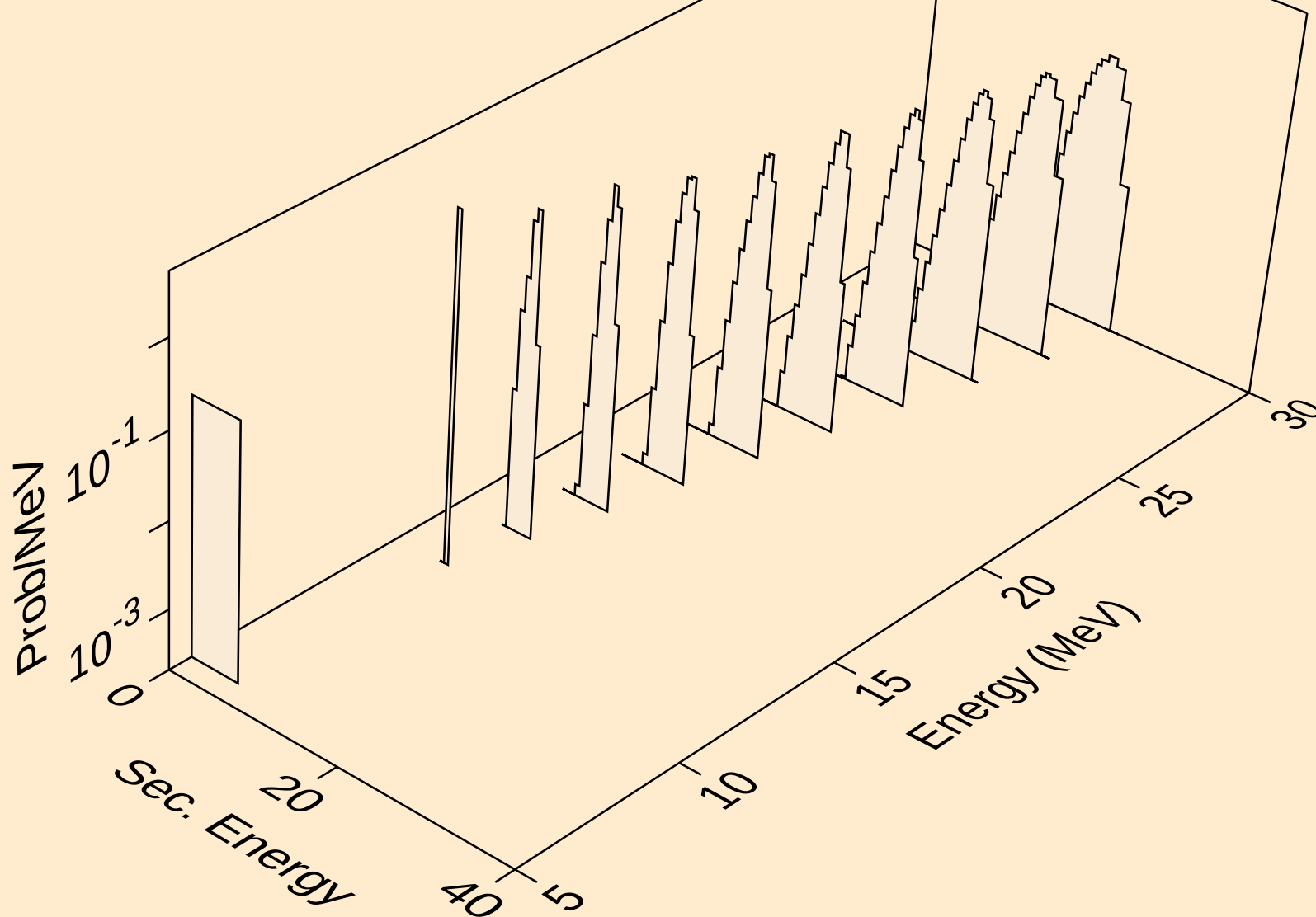
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



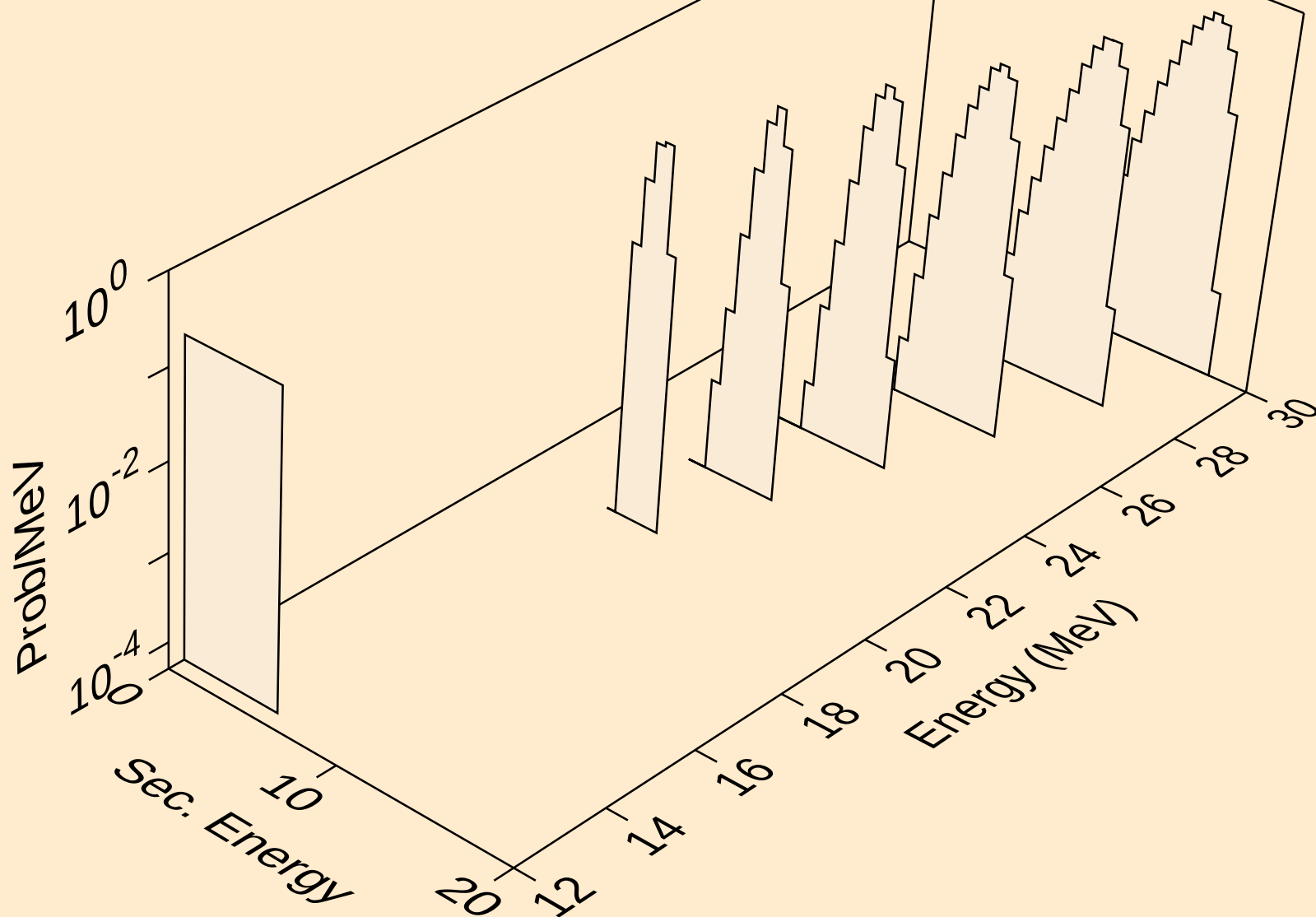
OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



OS195 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

