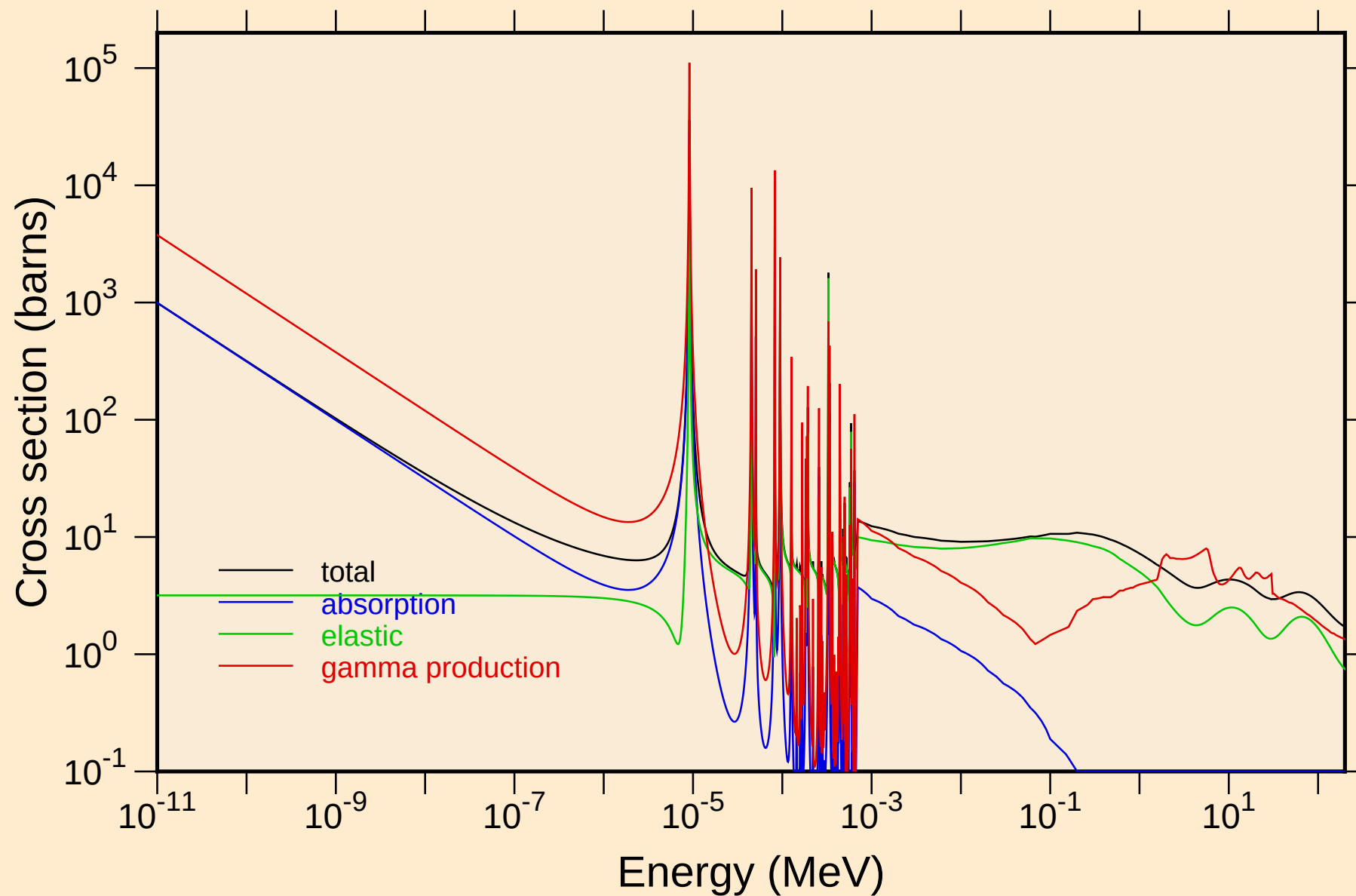
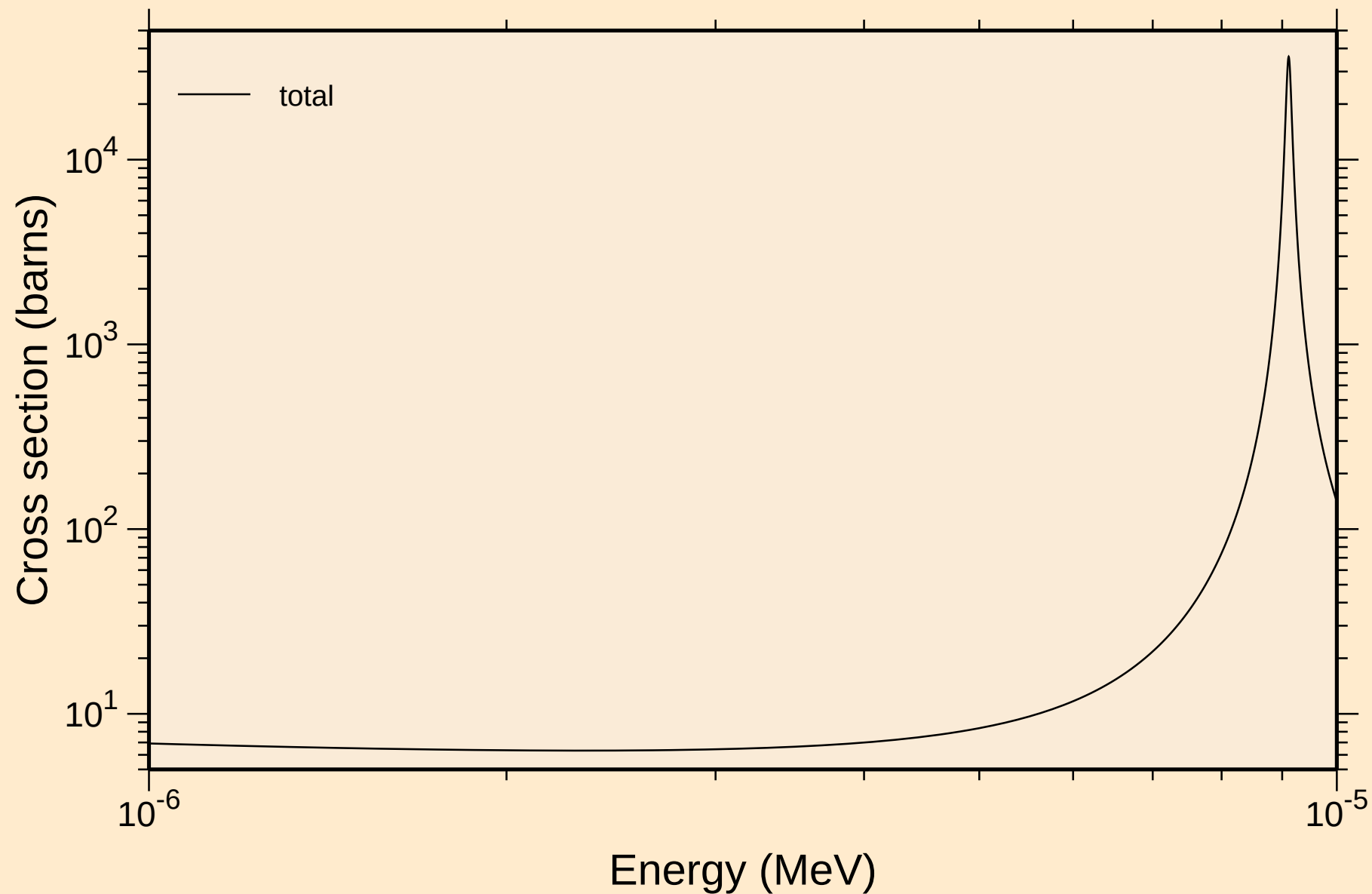


# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

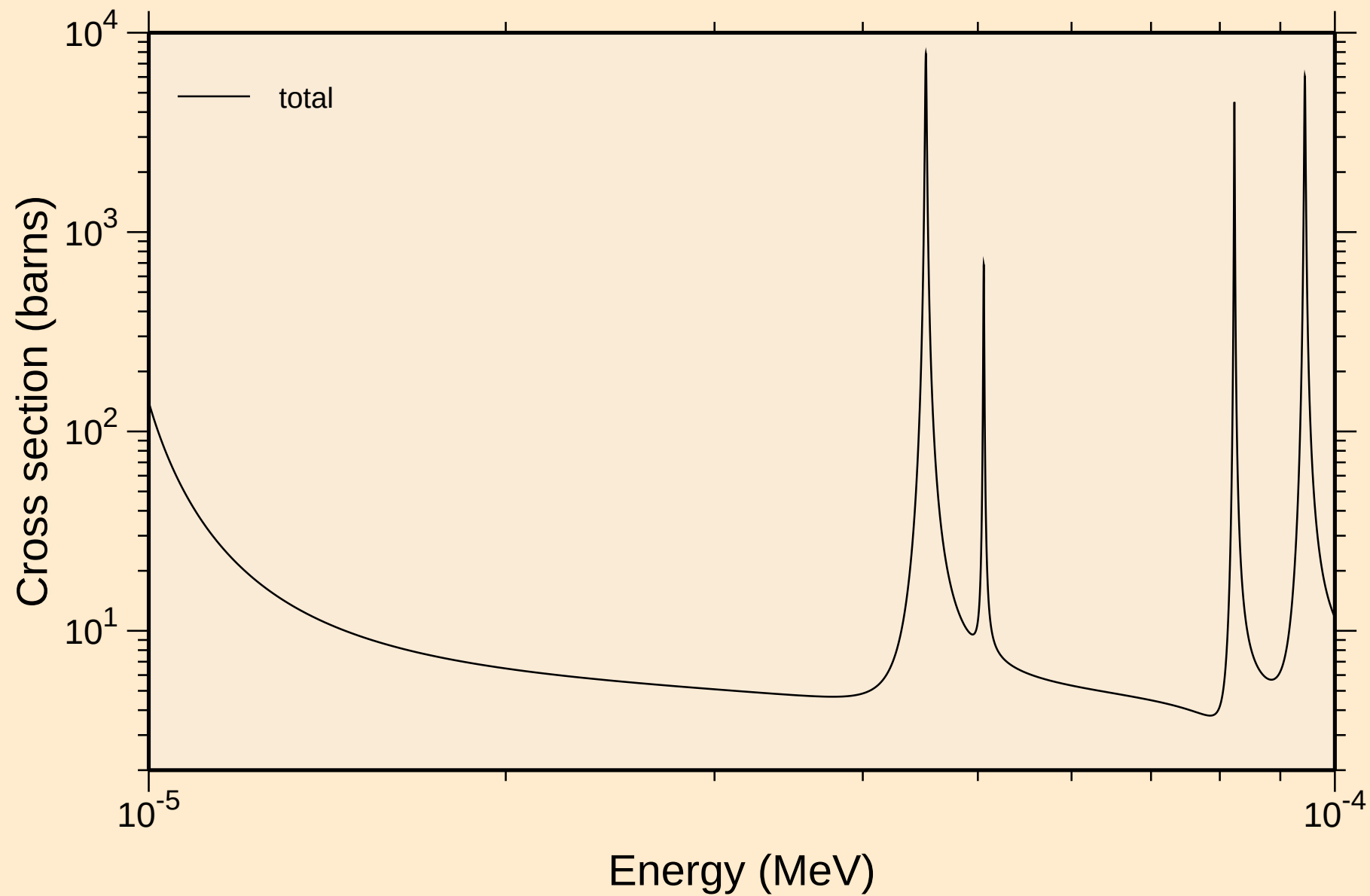
## Principal cross sections



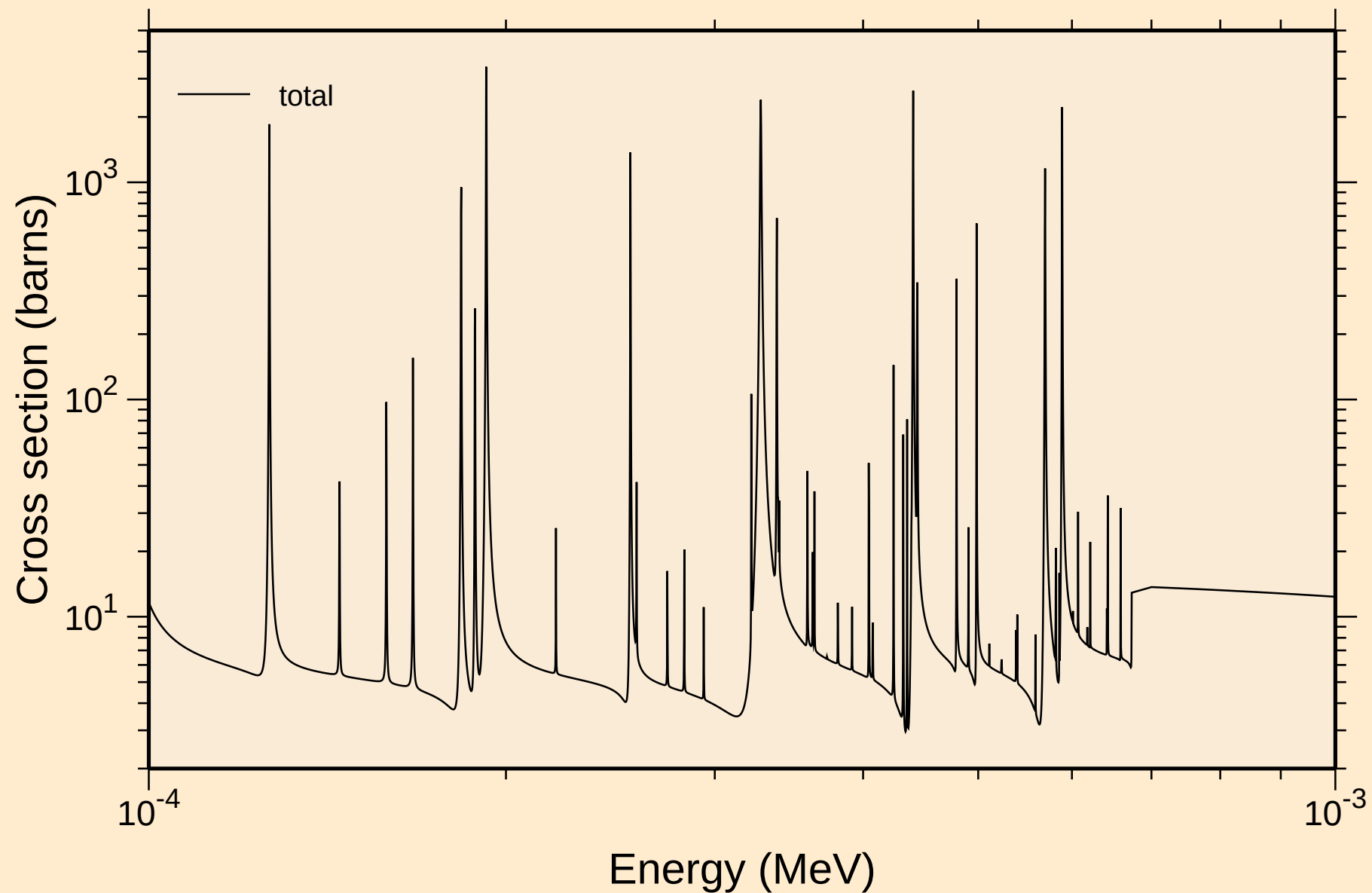
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



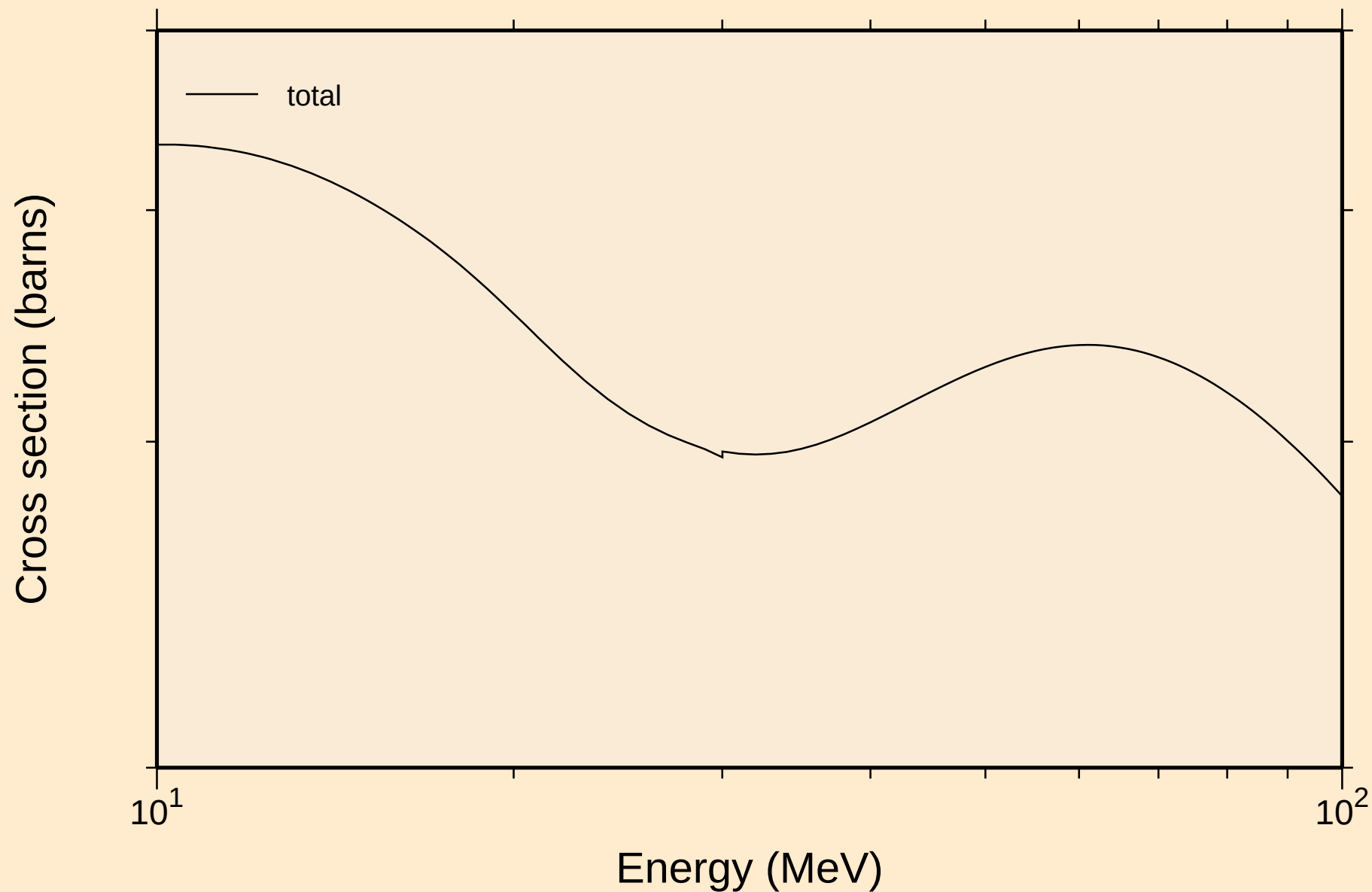
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



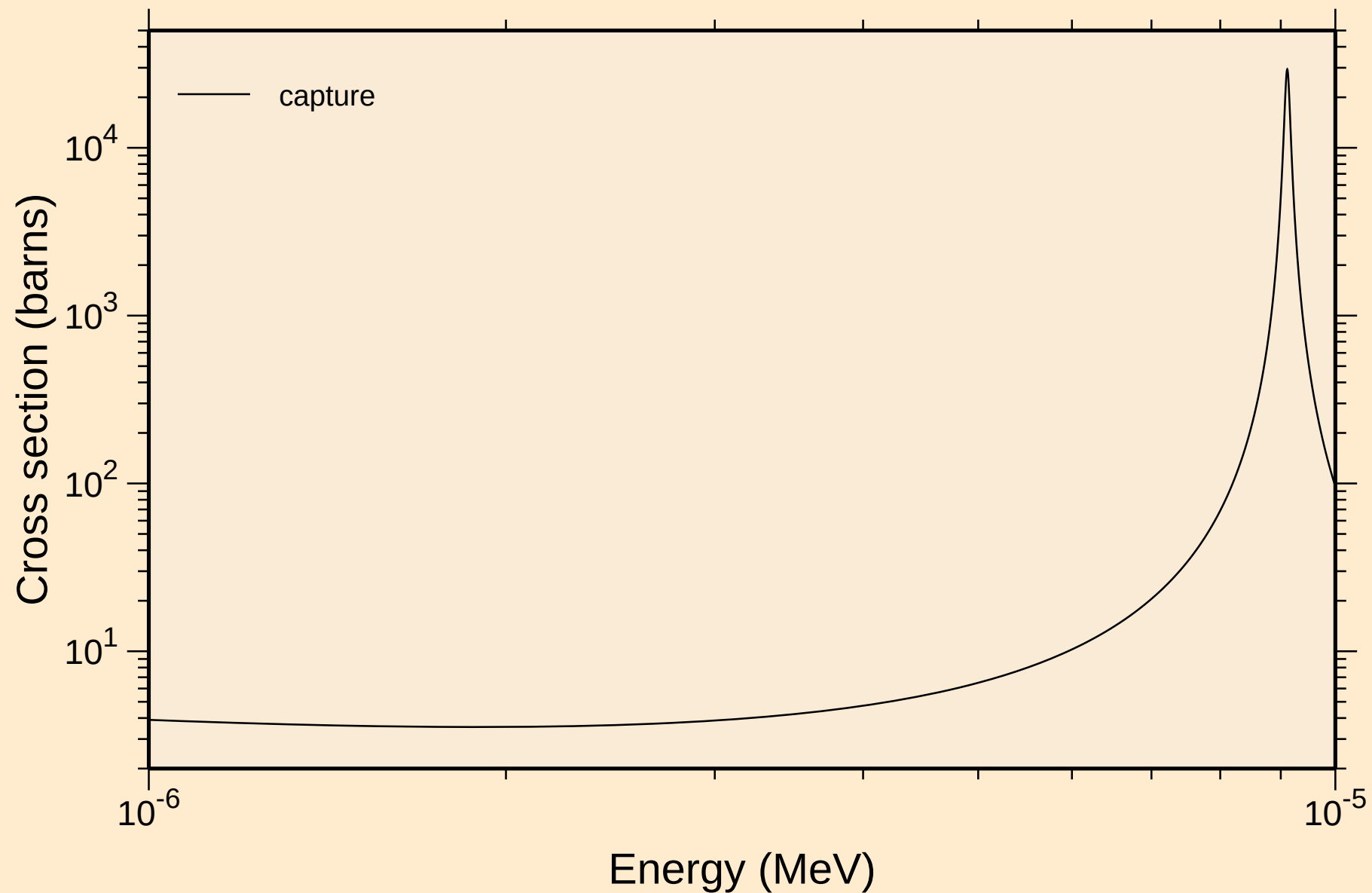
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



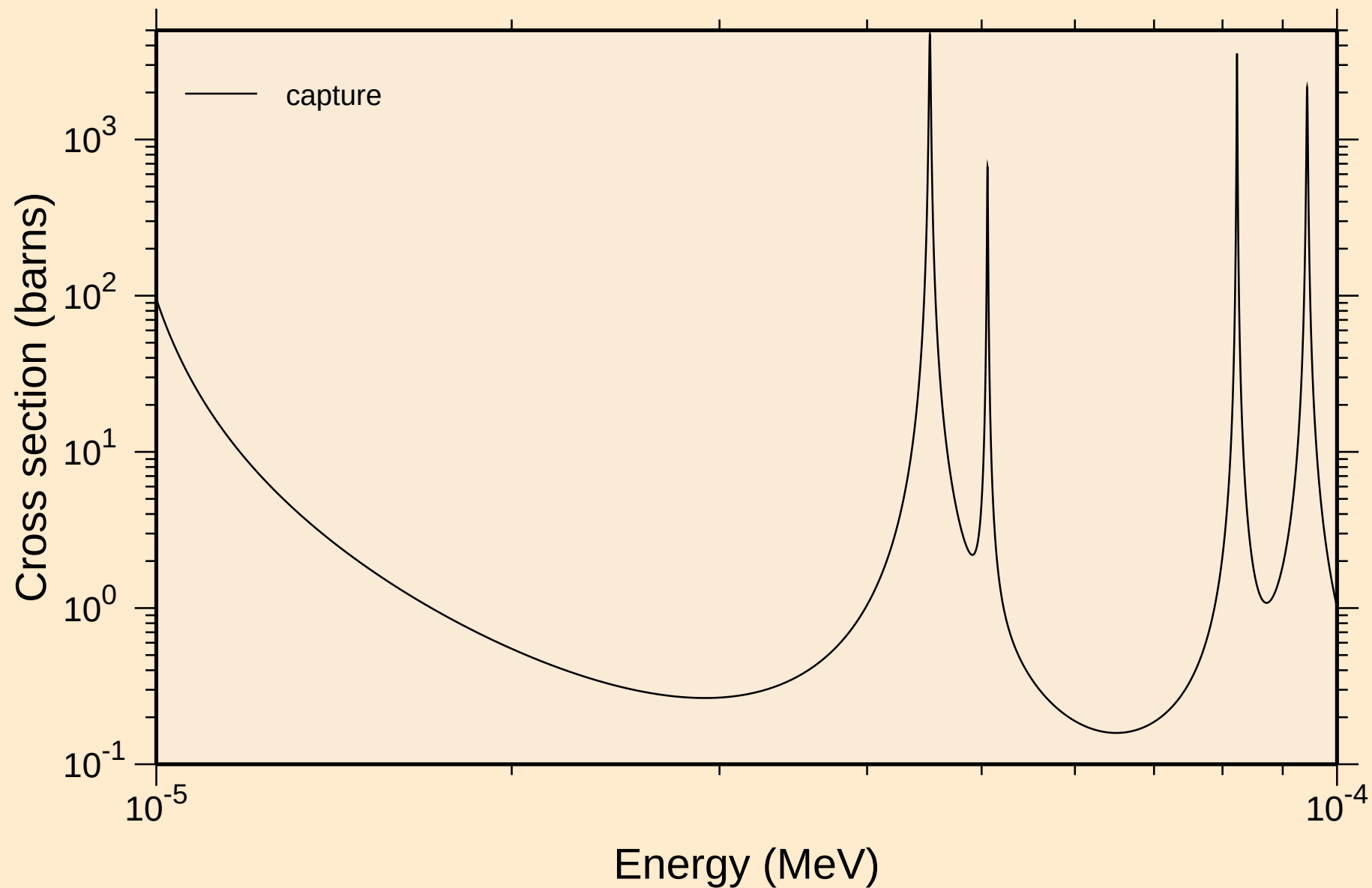
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



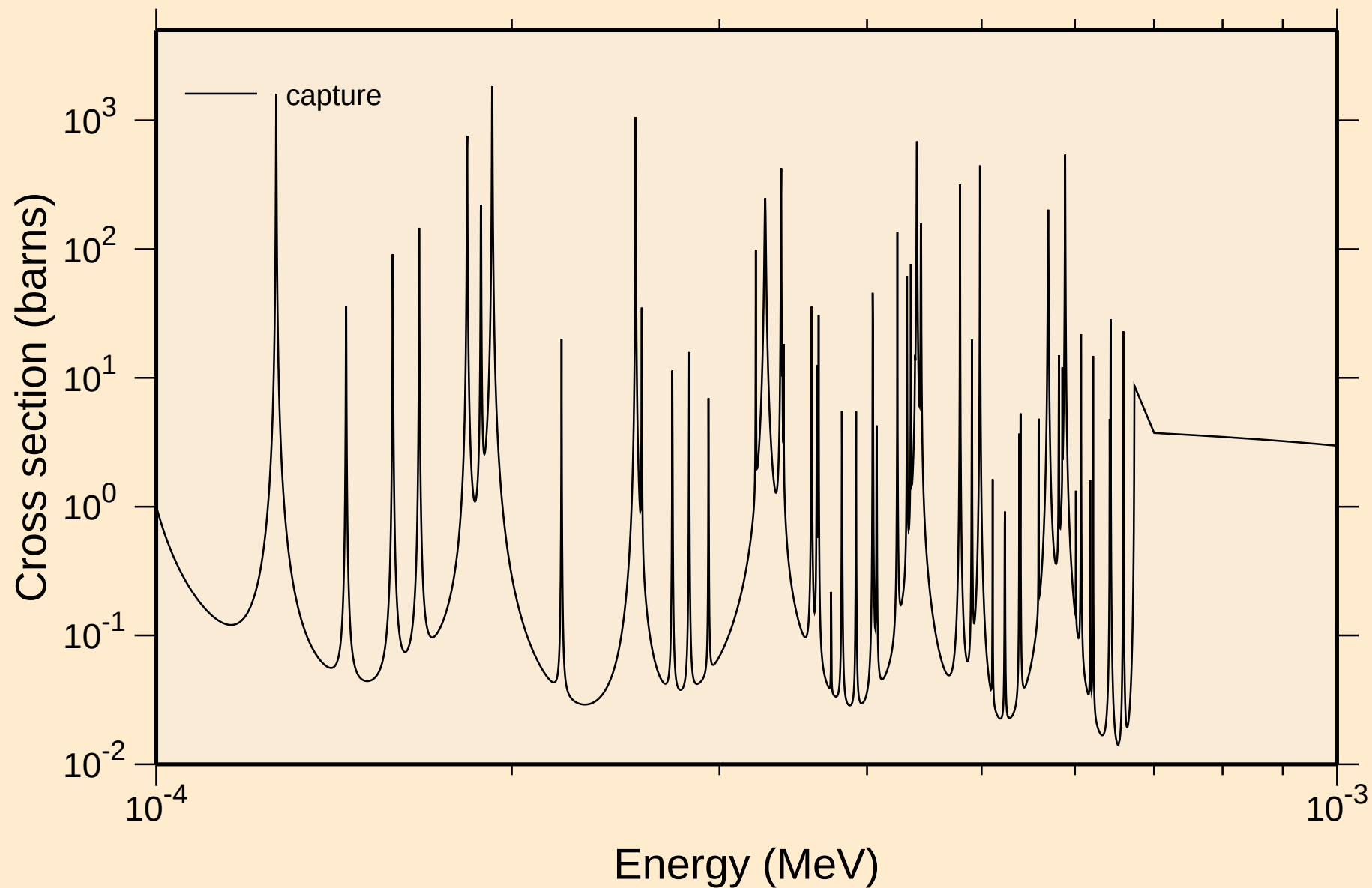
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

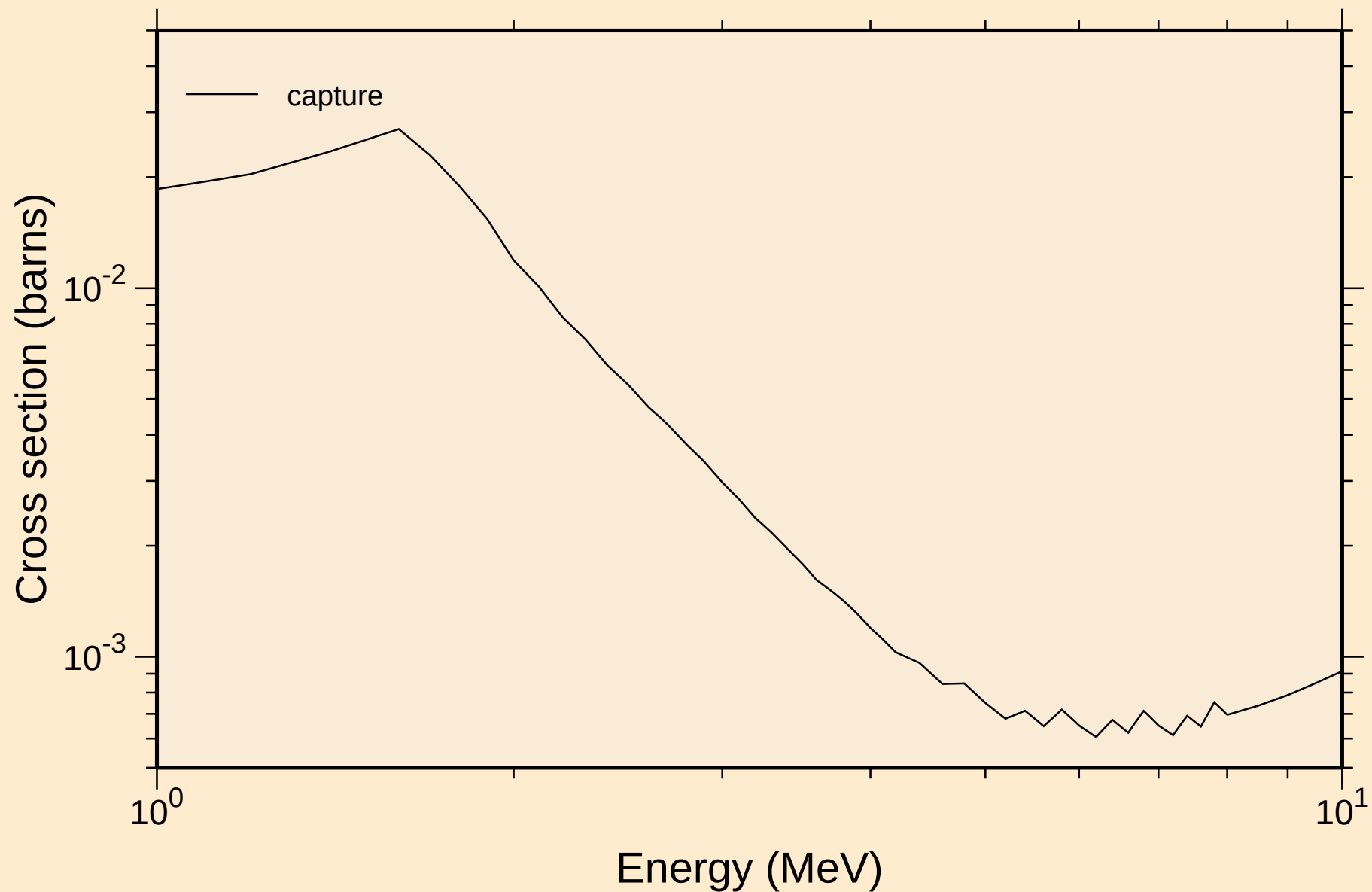


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



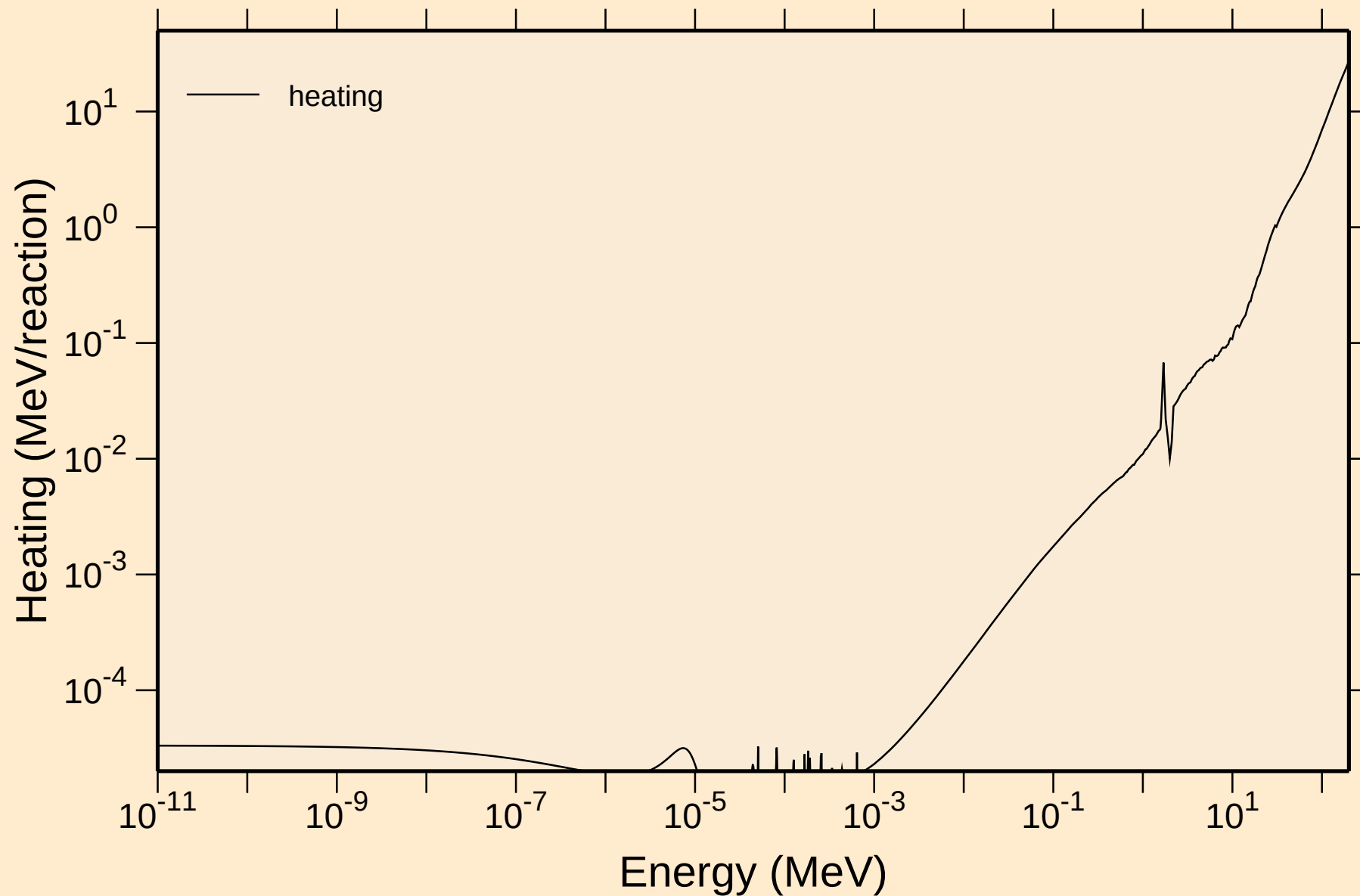


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



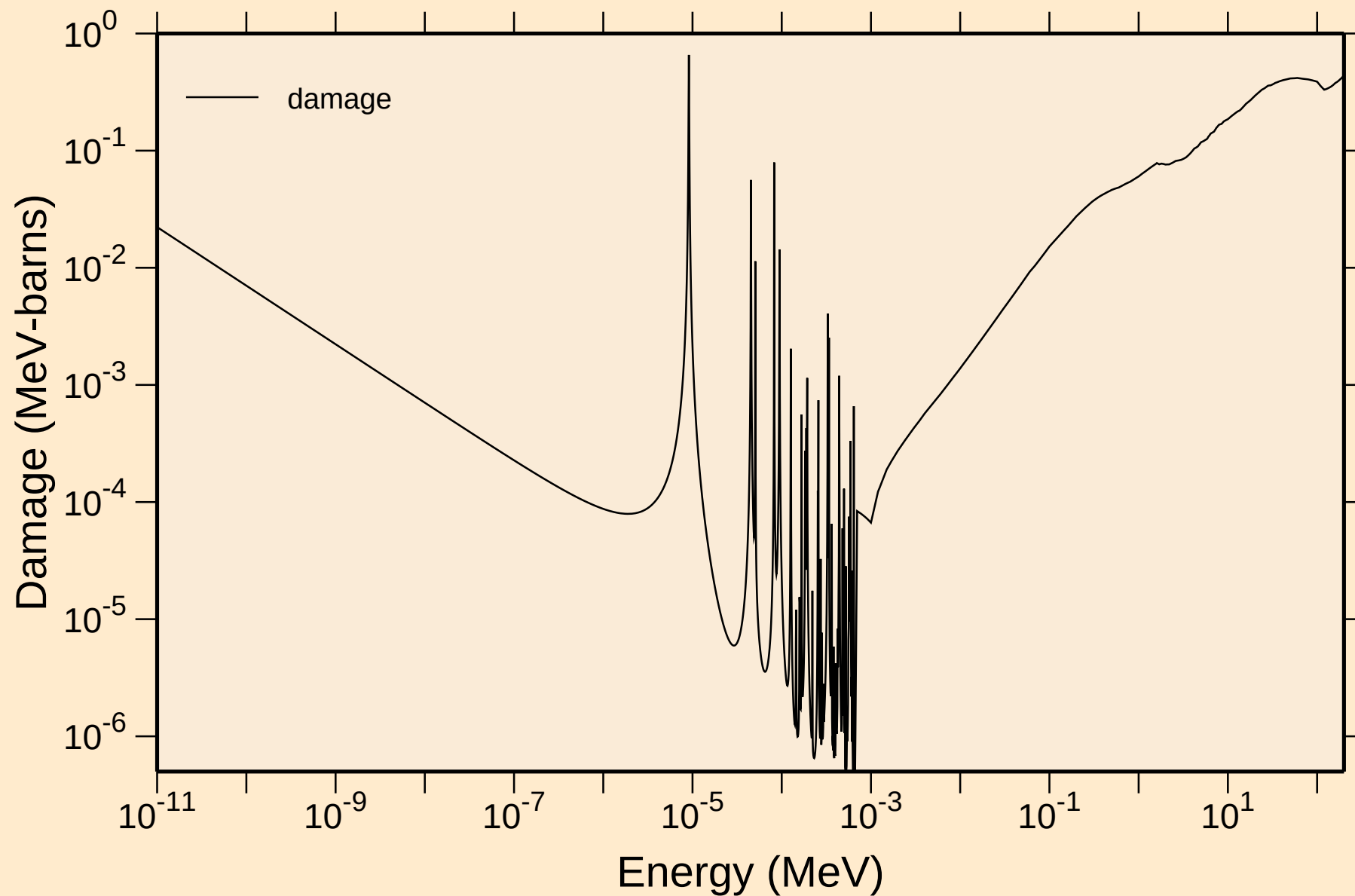
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

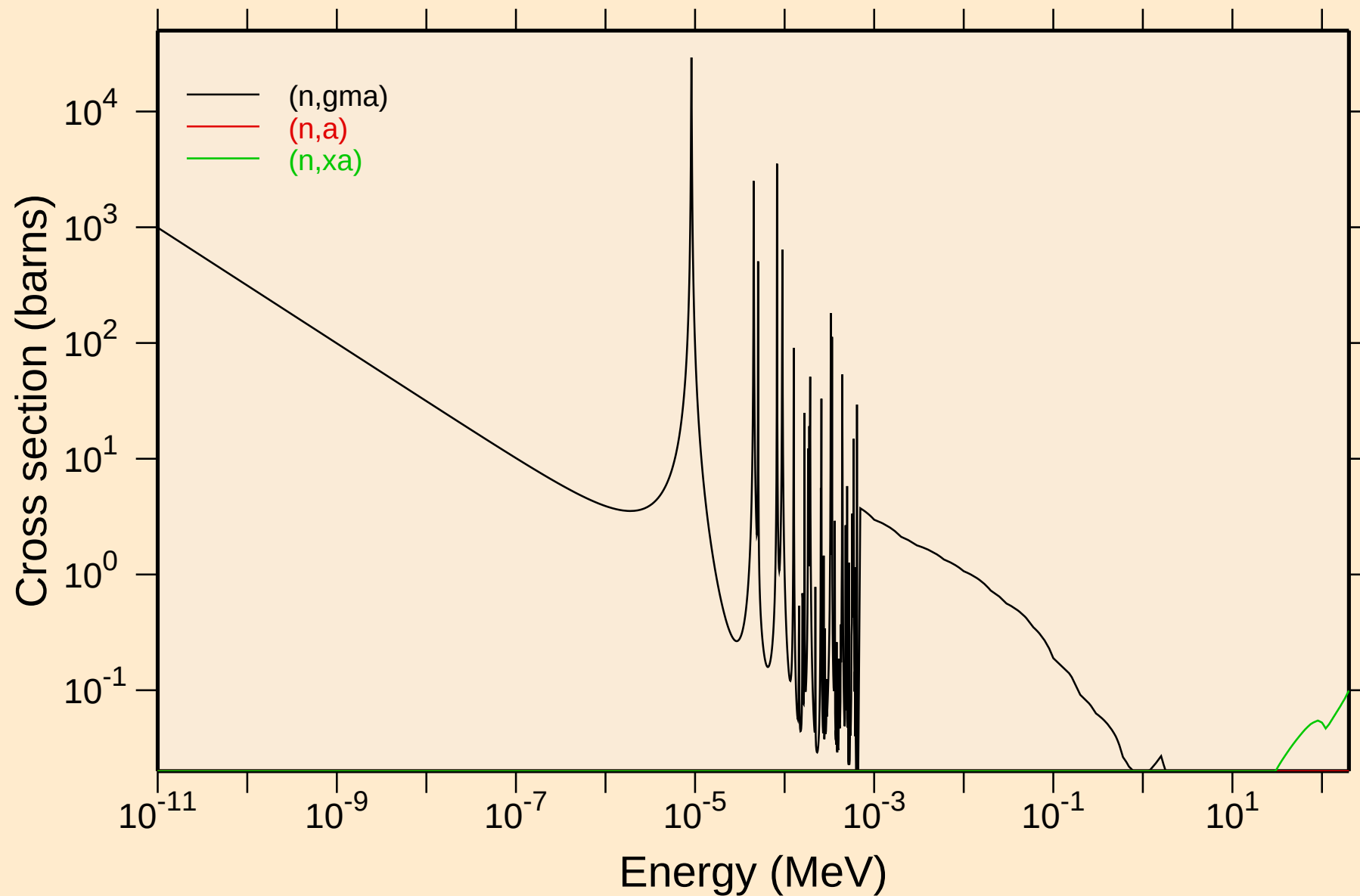


# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

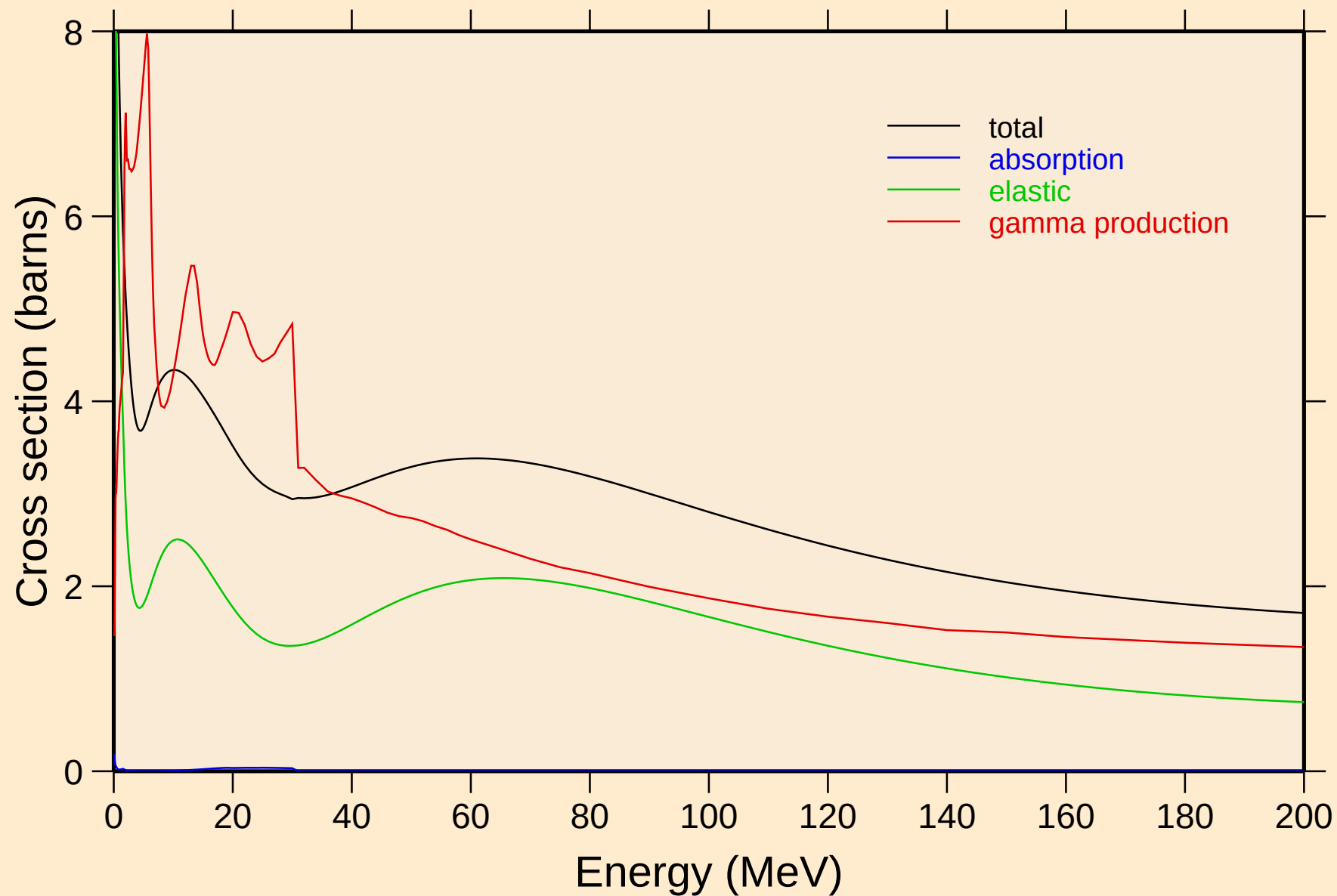


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



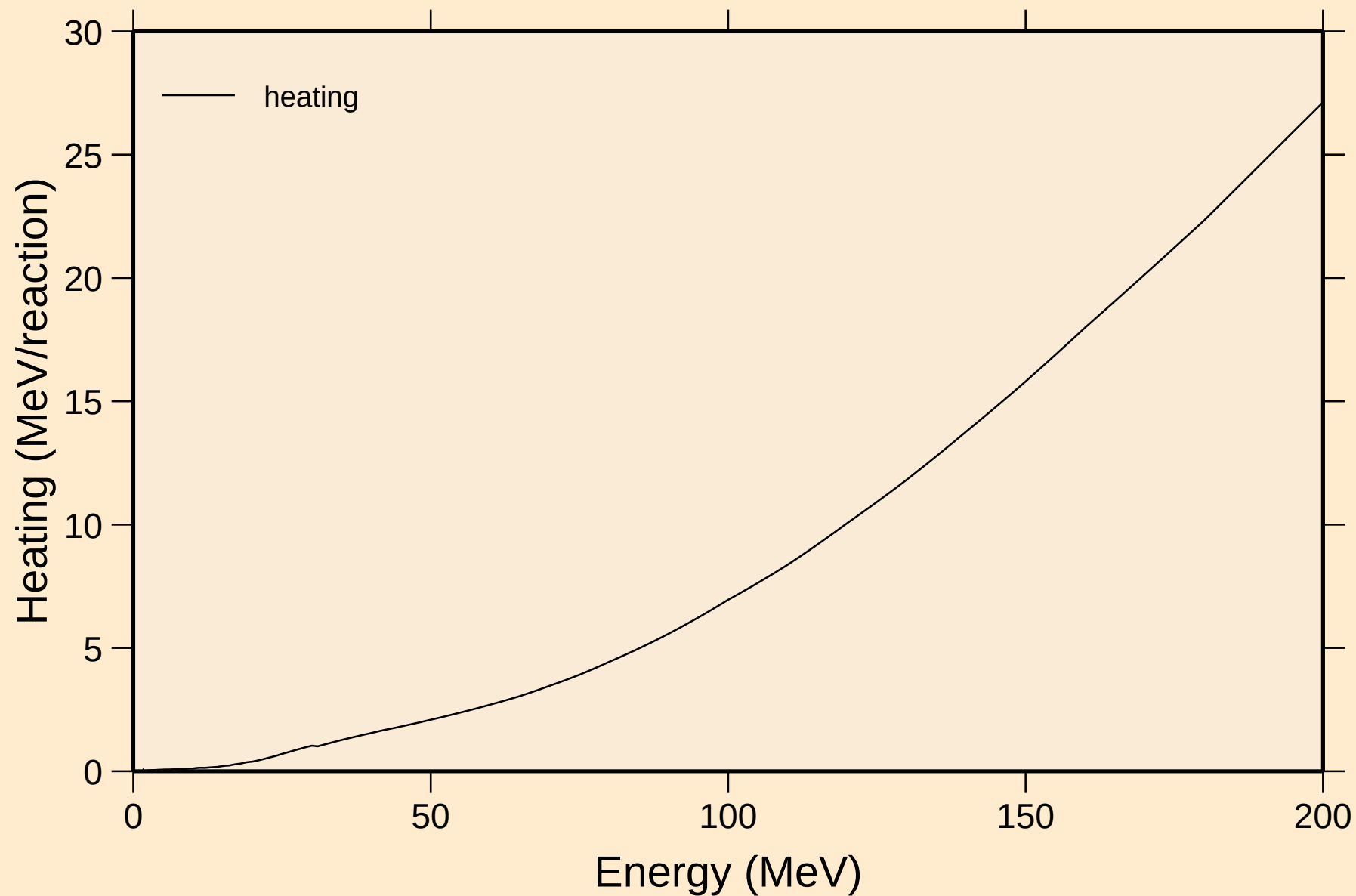
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



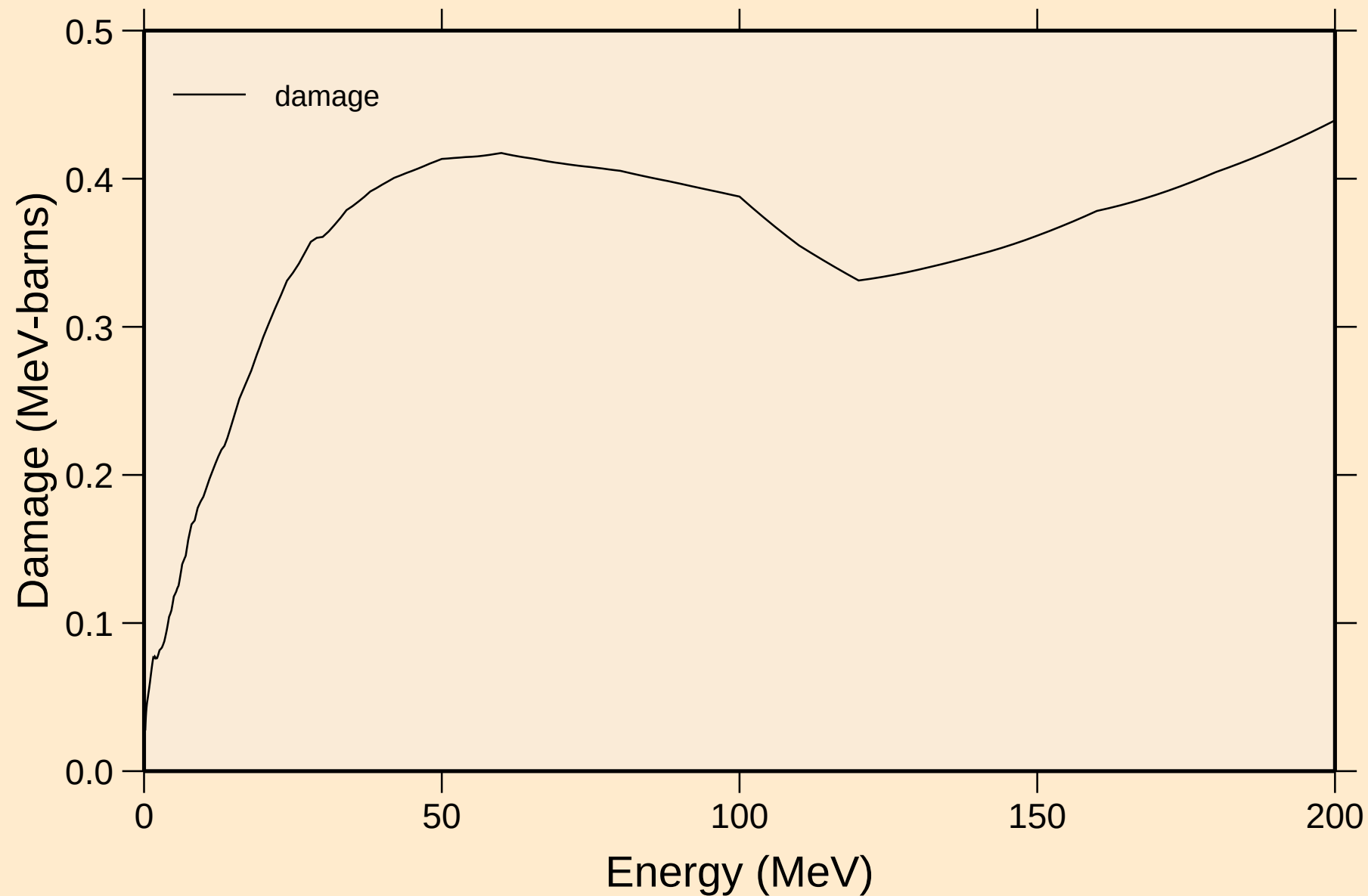
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

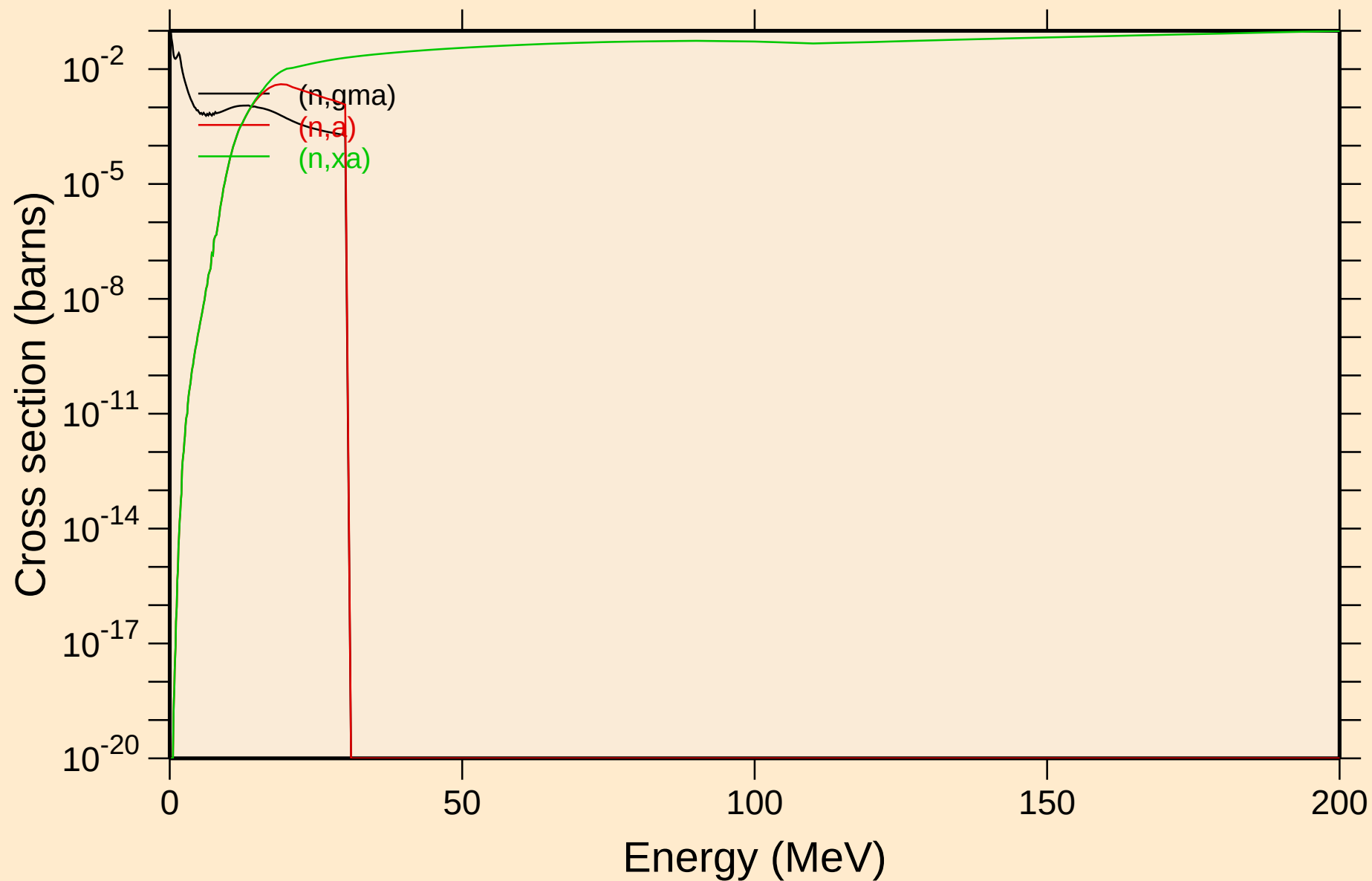


# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage



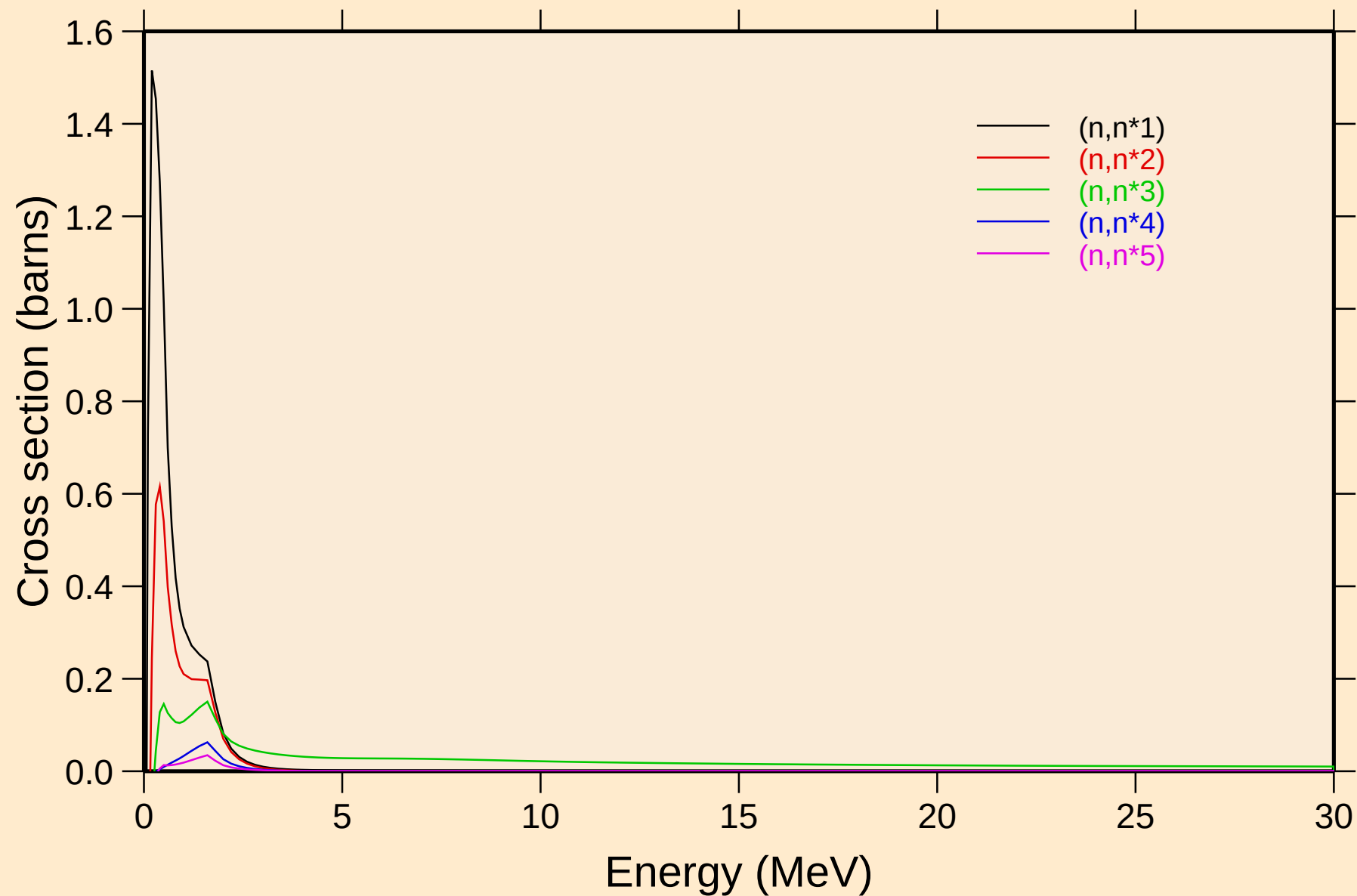
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions





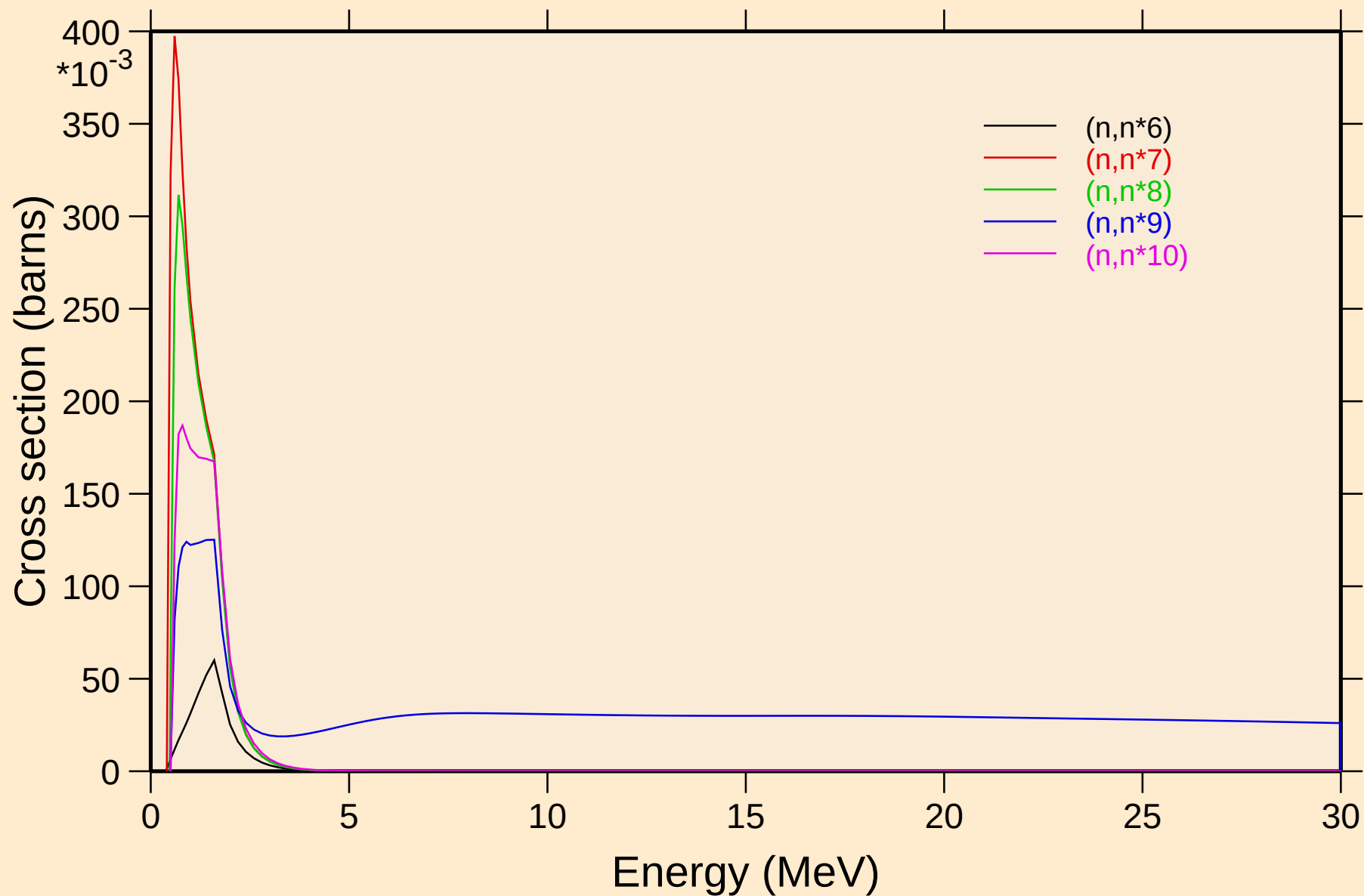
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



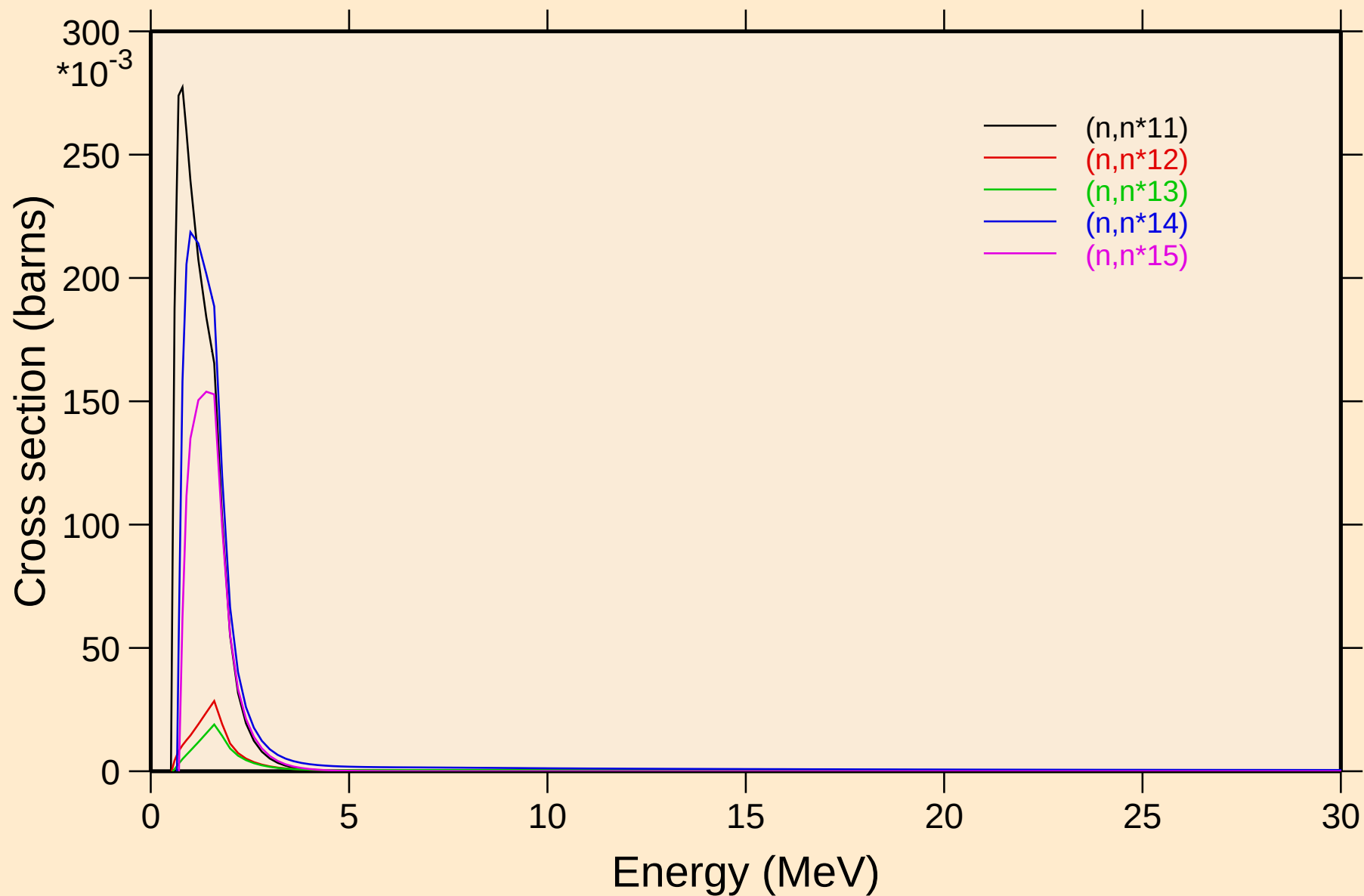
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



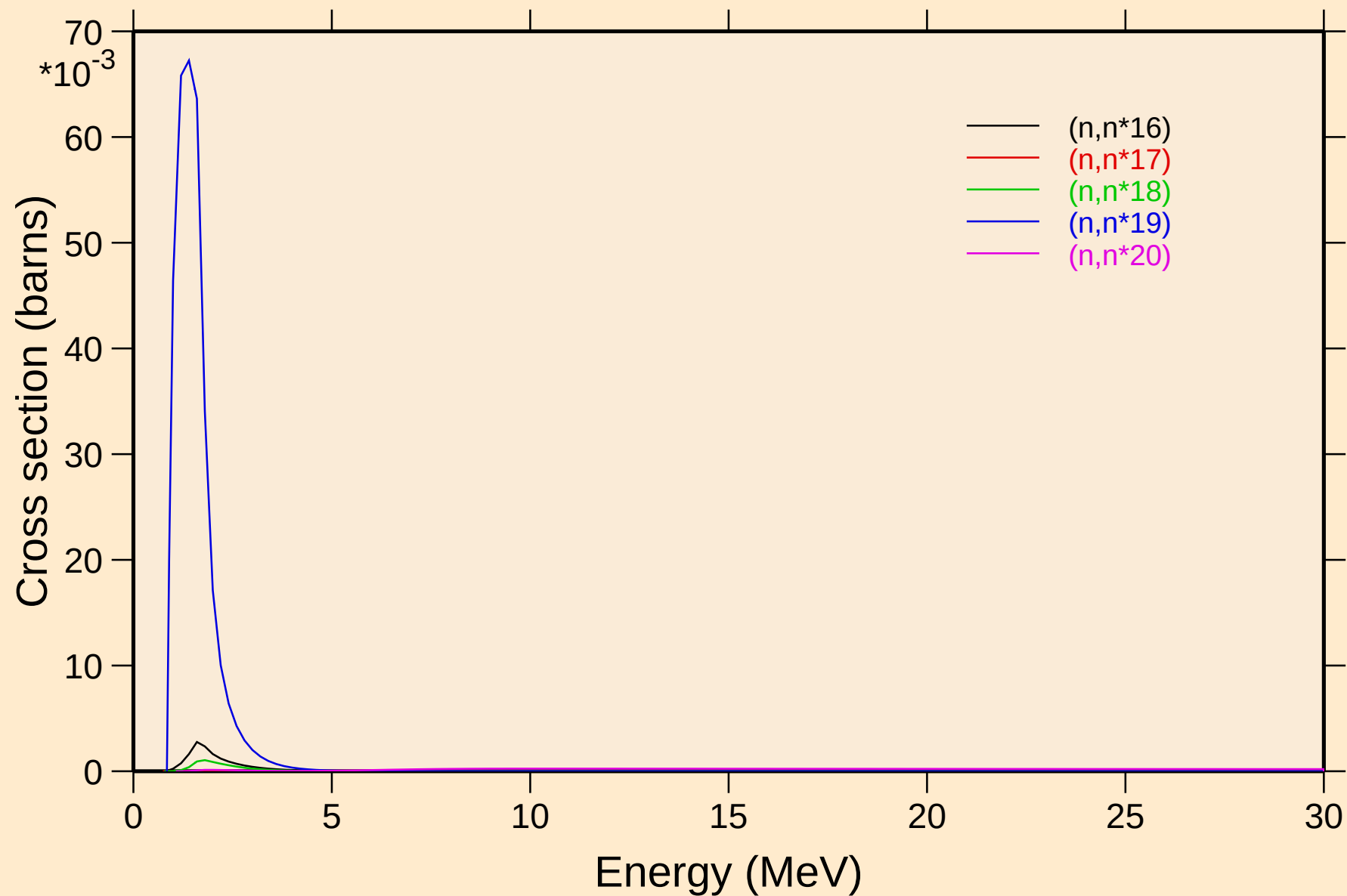
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



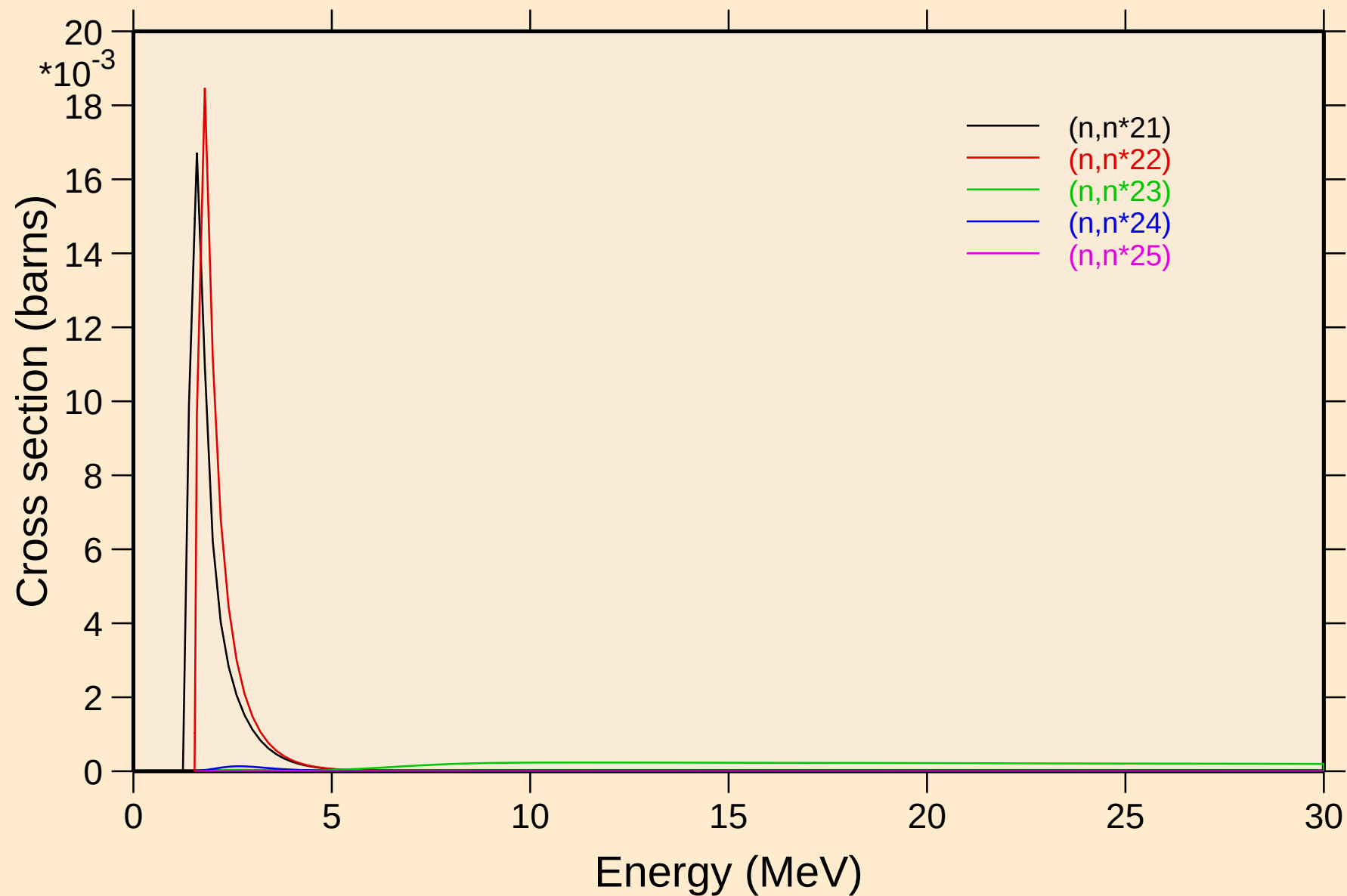
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



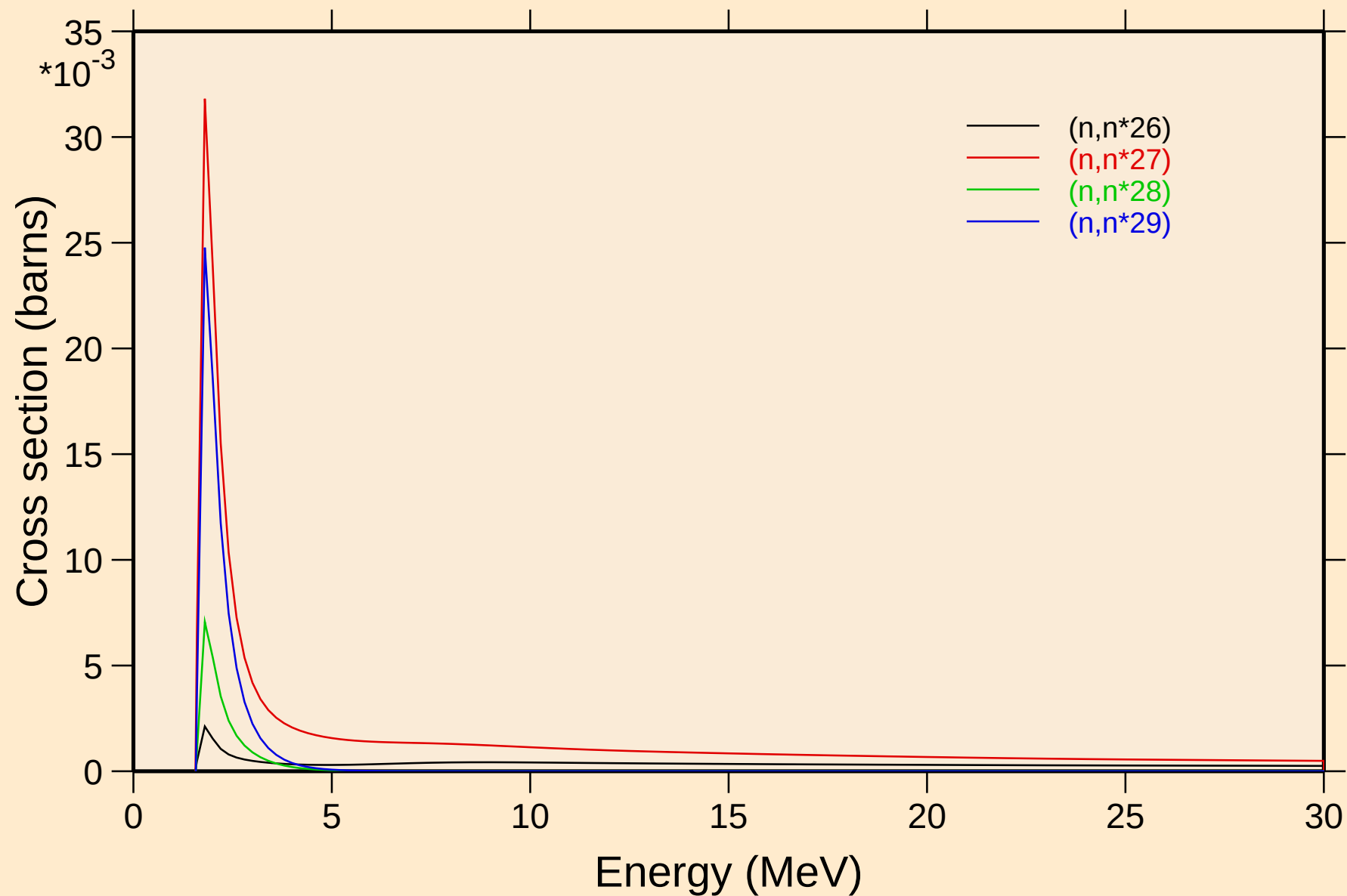
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



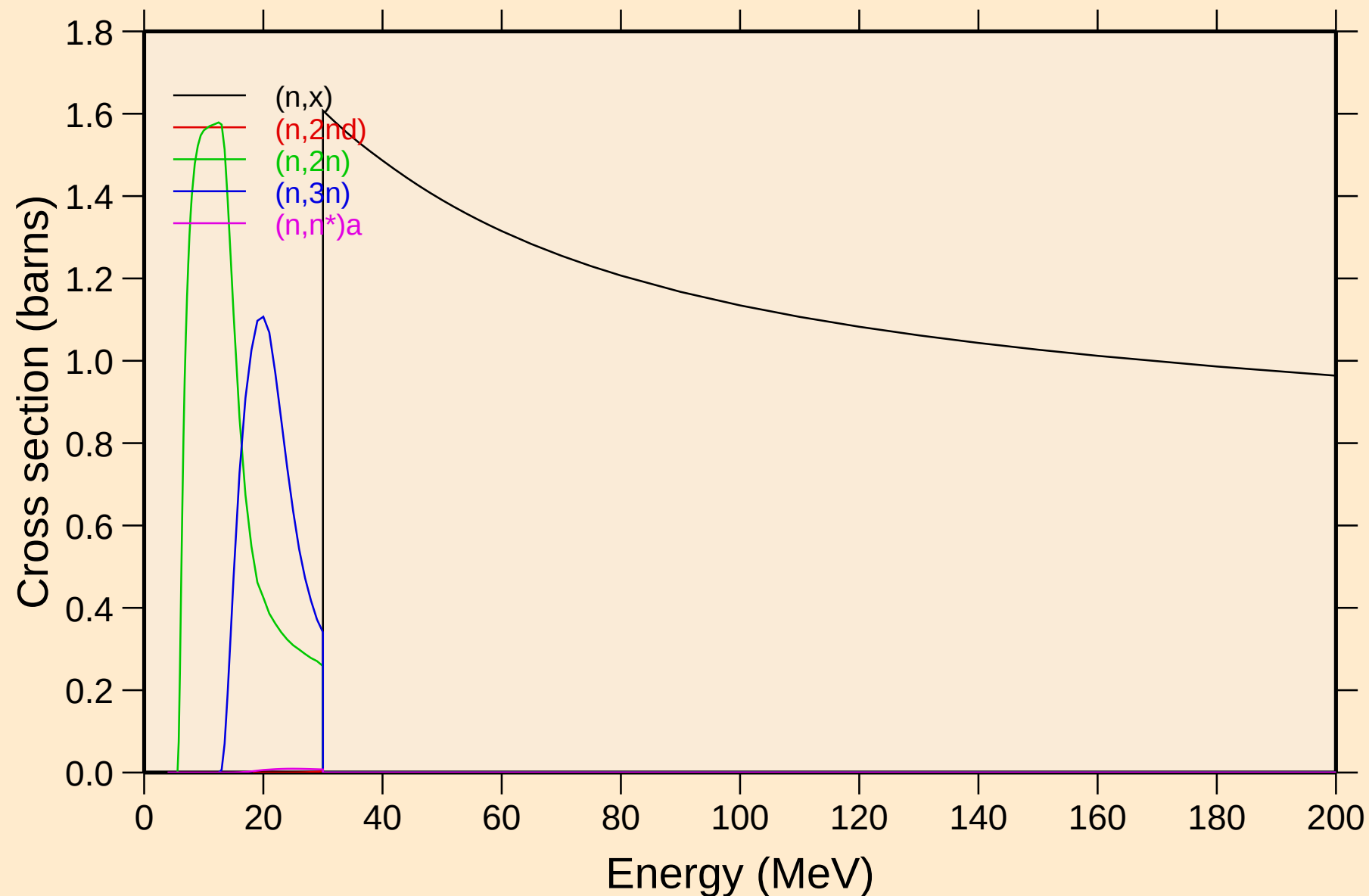
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

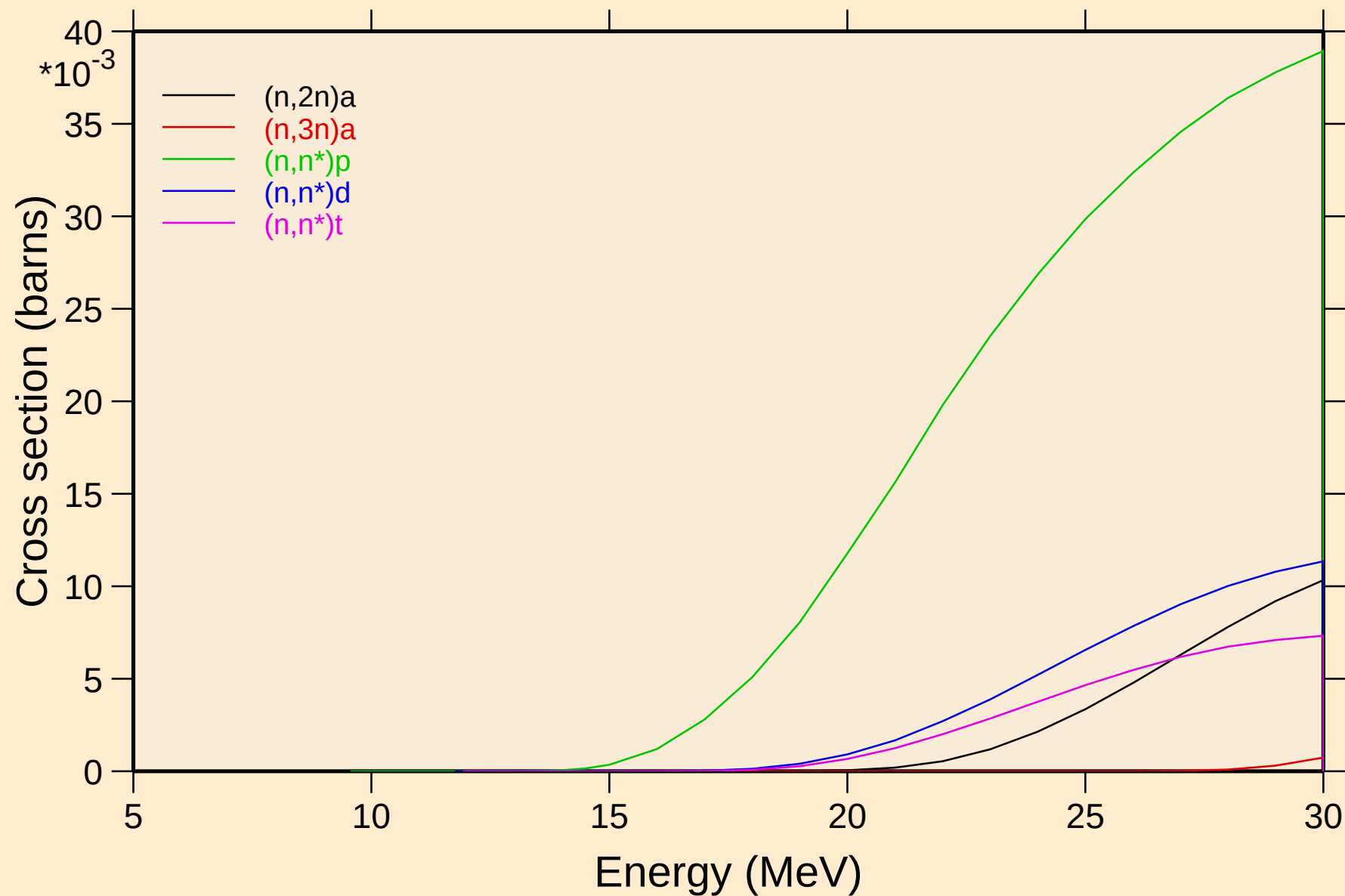


# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



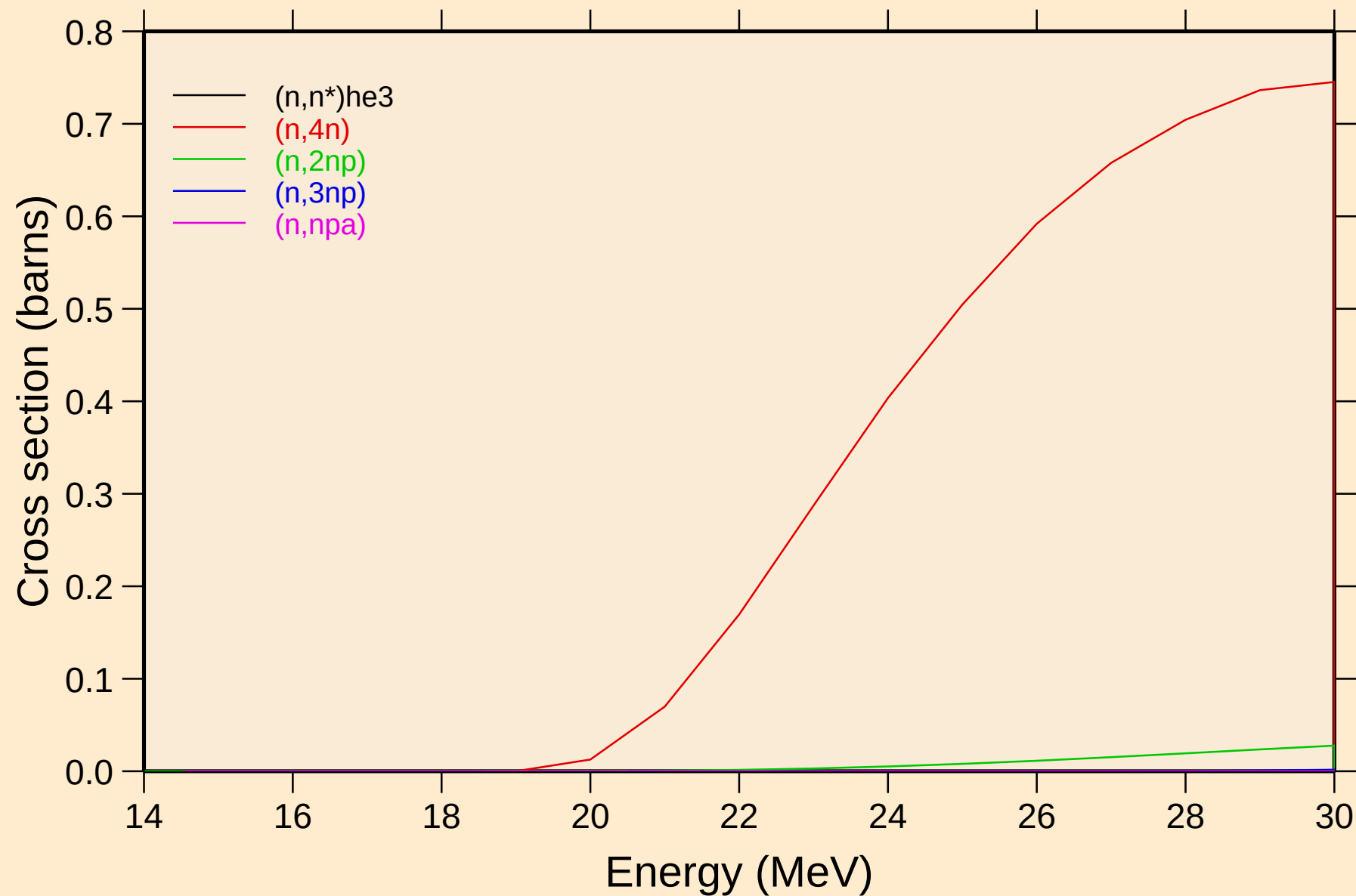
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions





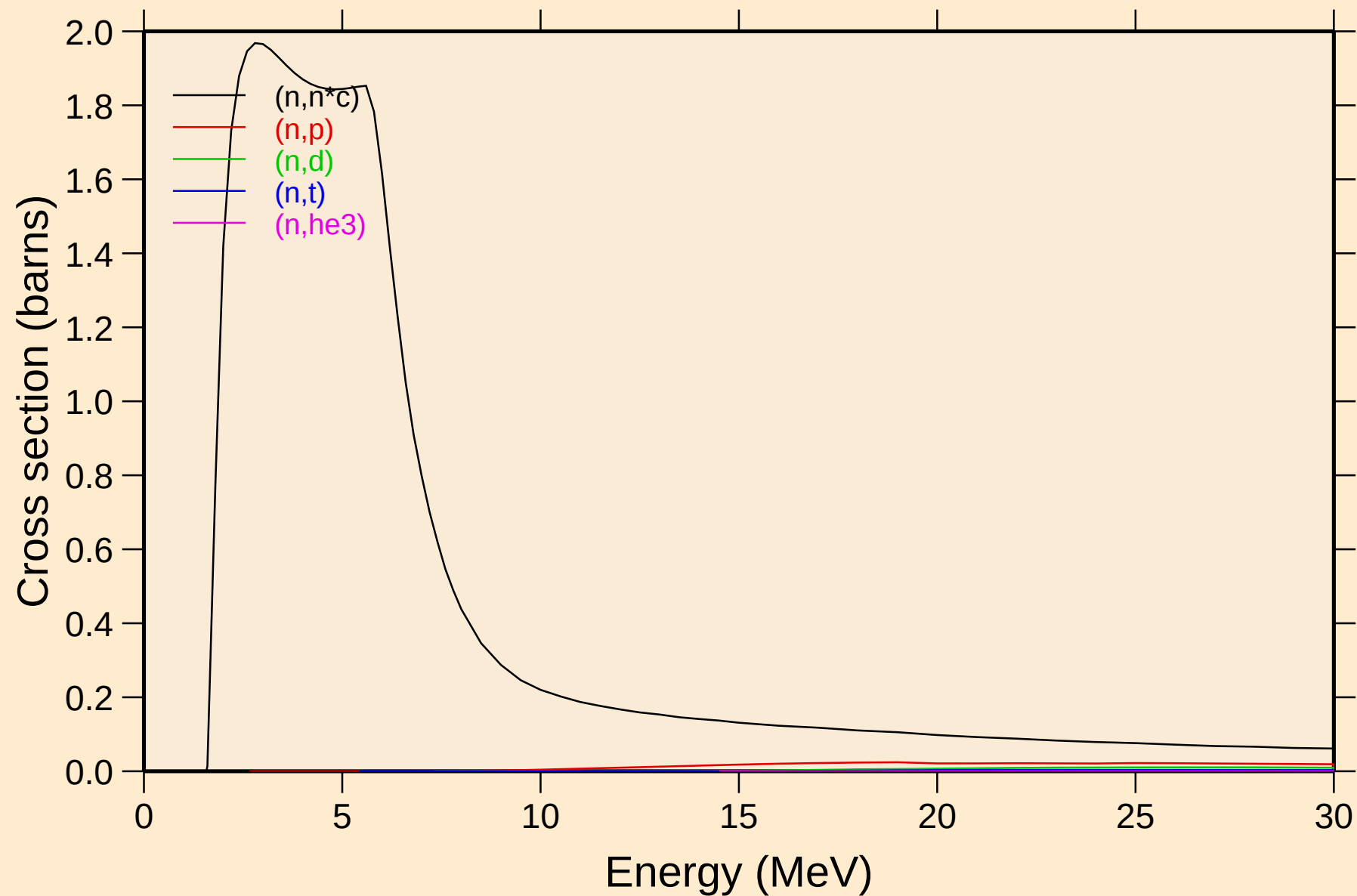
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



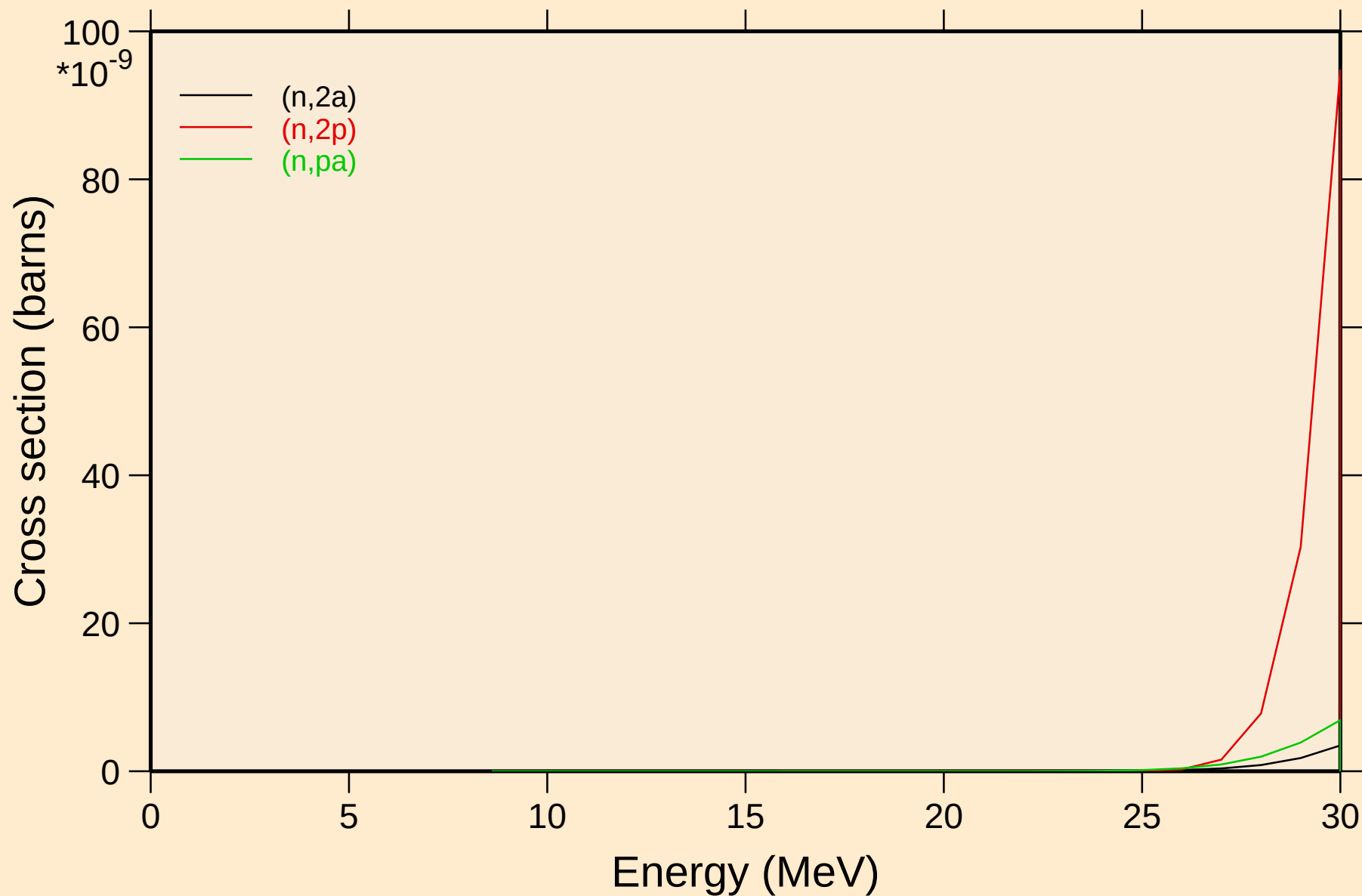
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



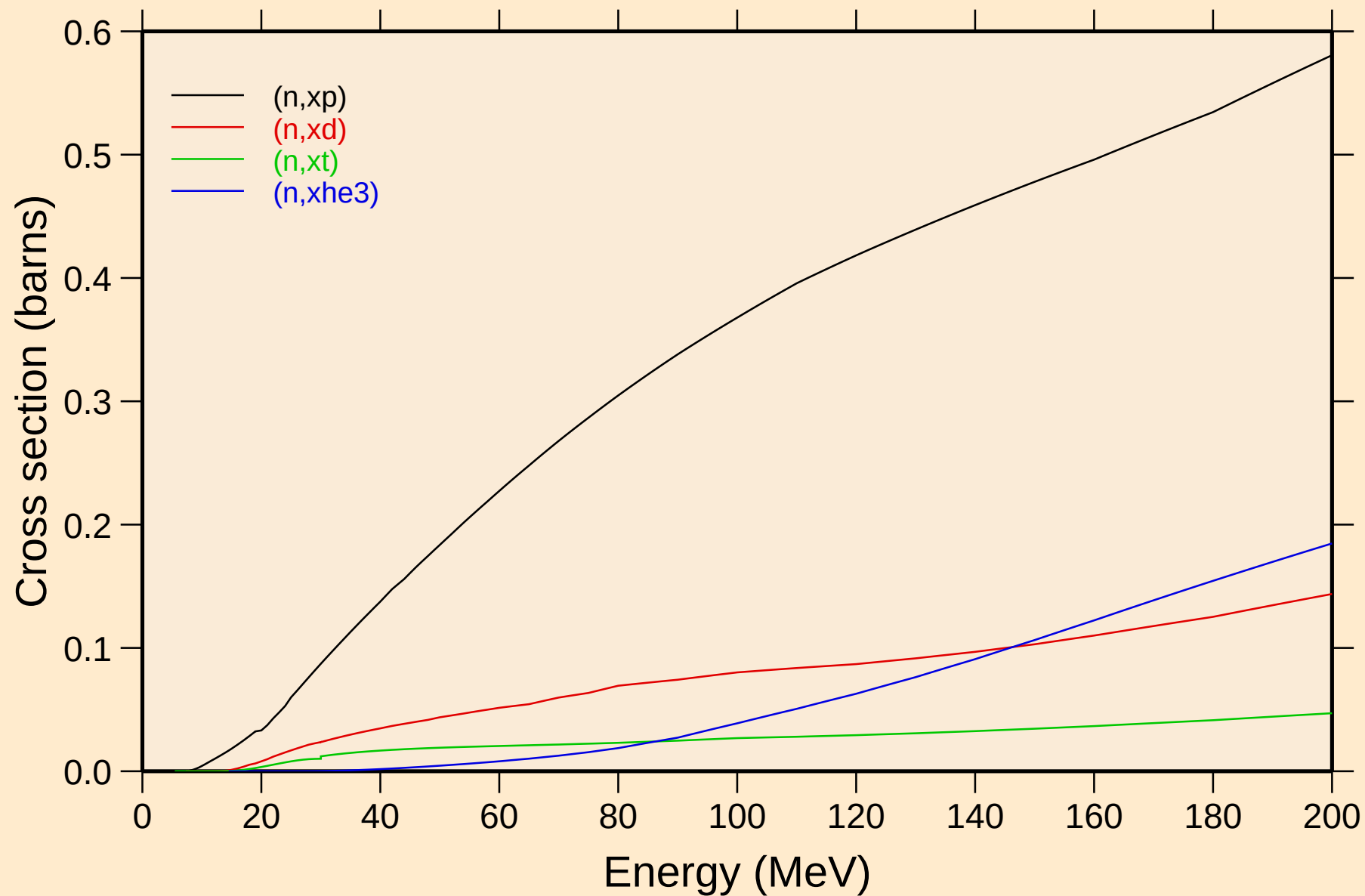
# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

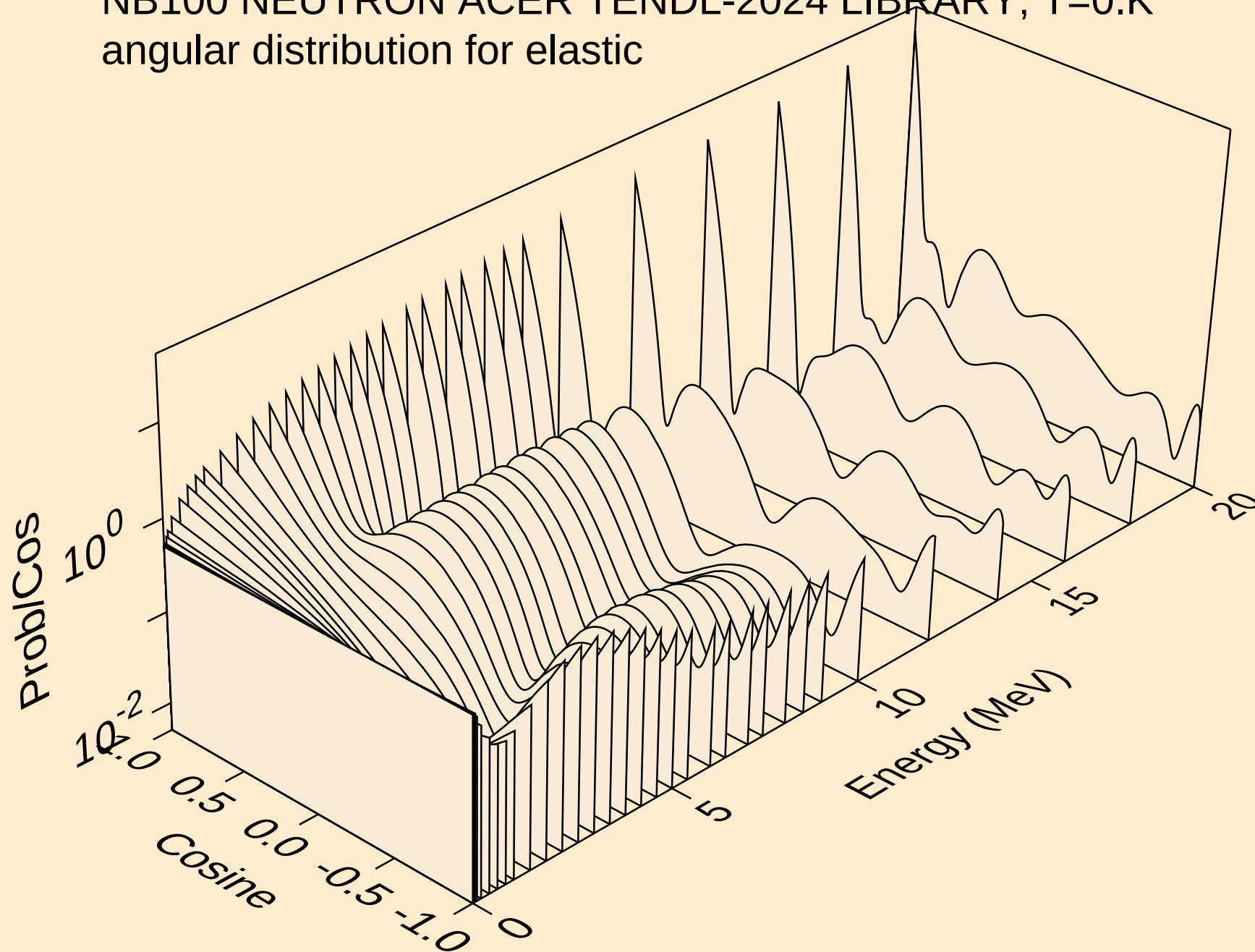


# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

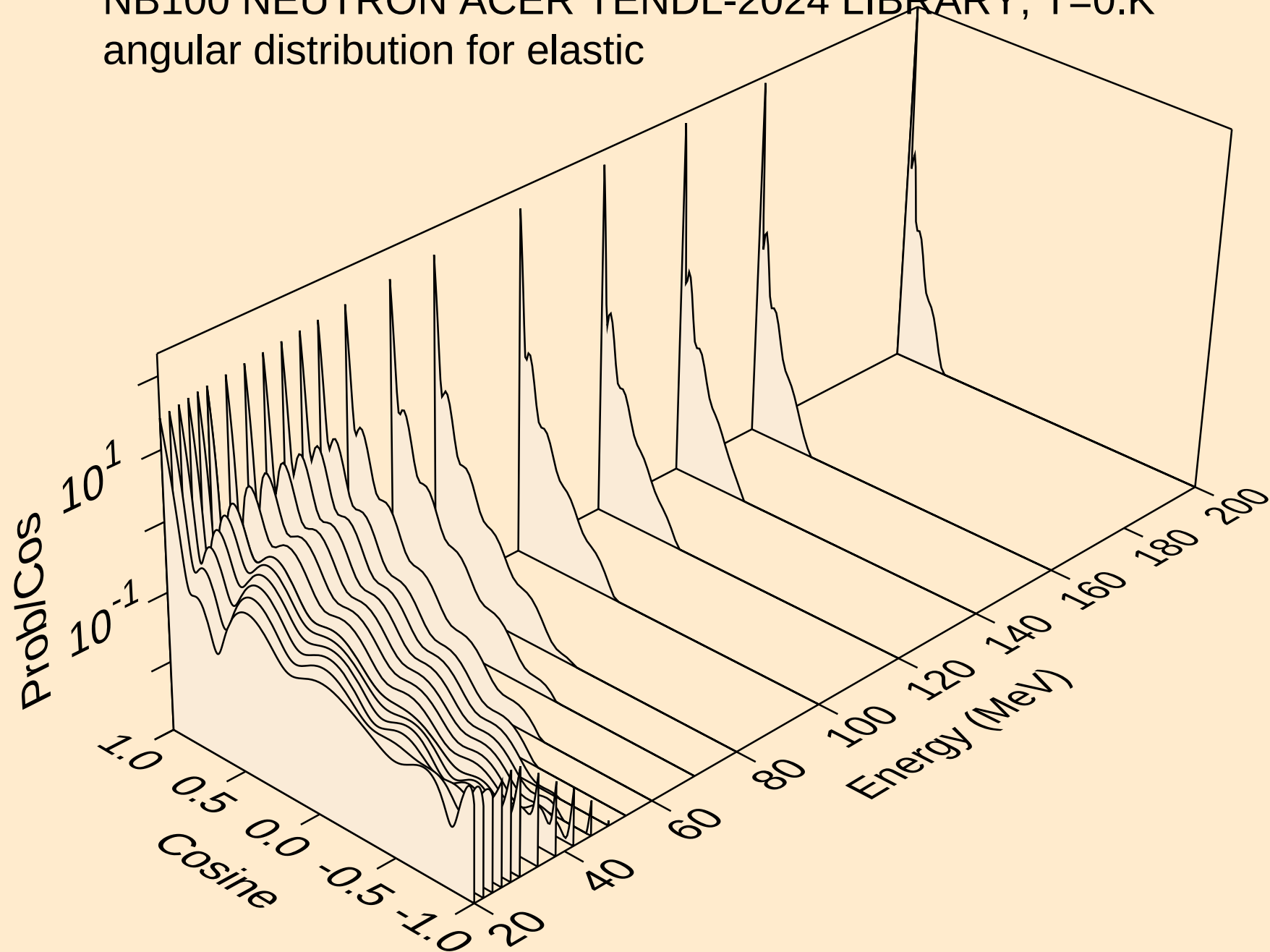
## Threshold reactions



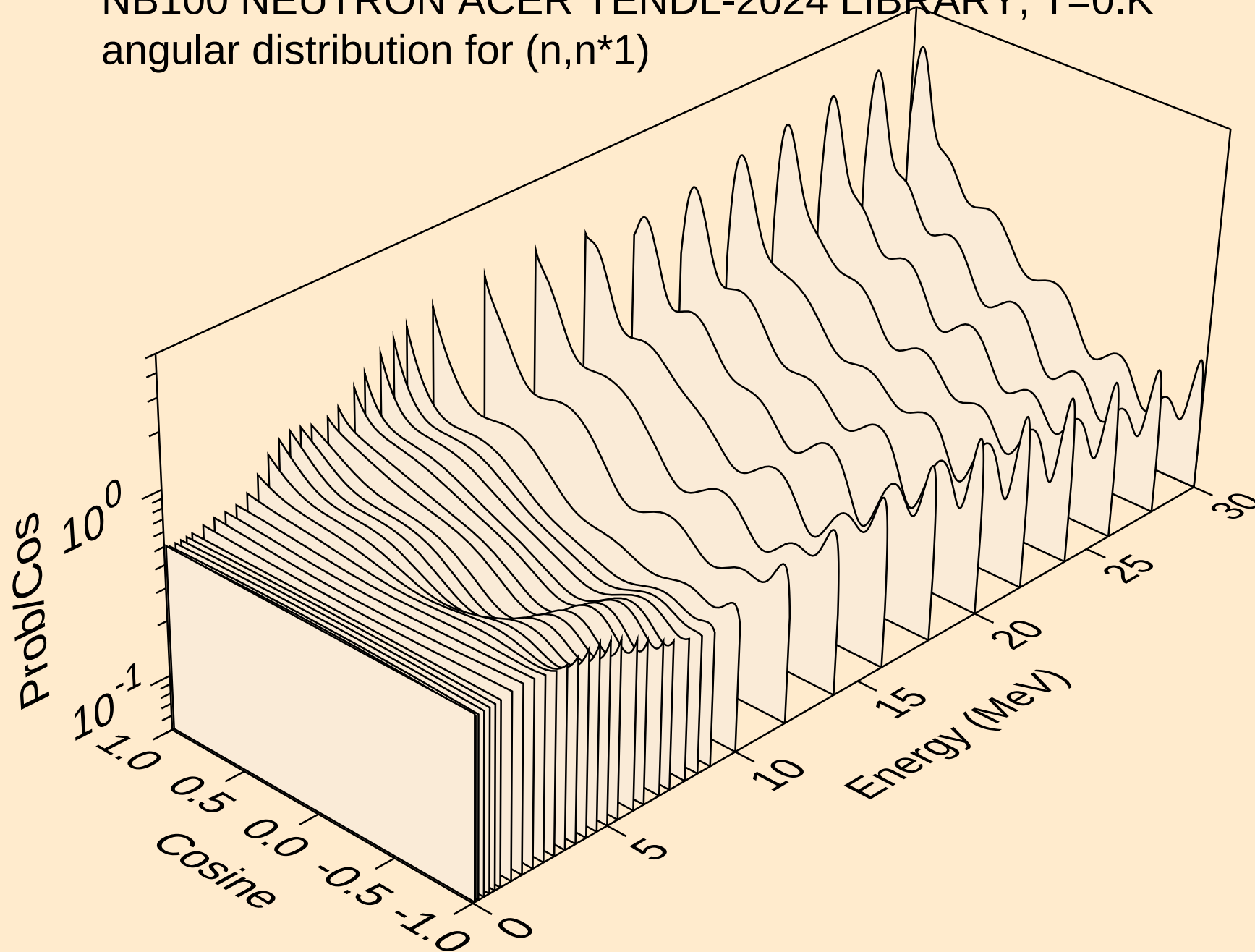
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



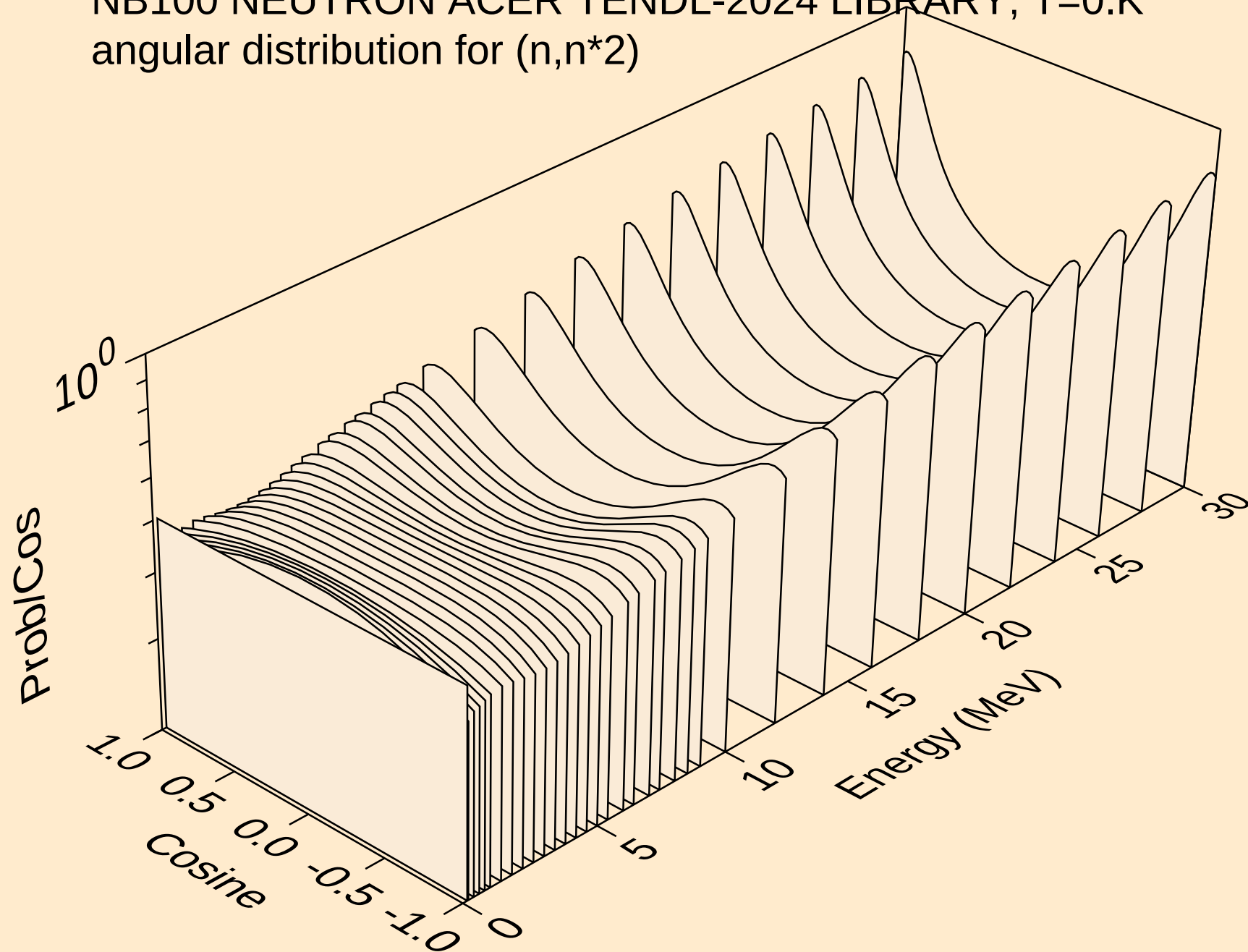
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

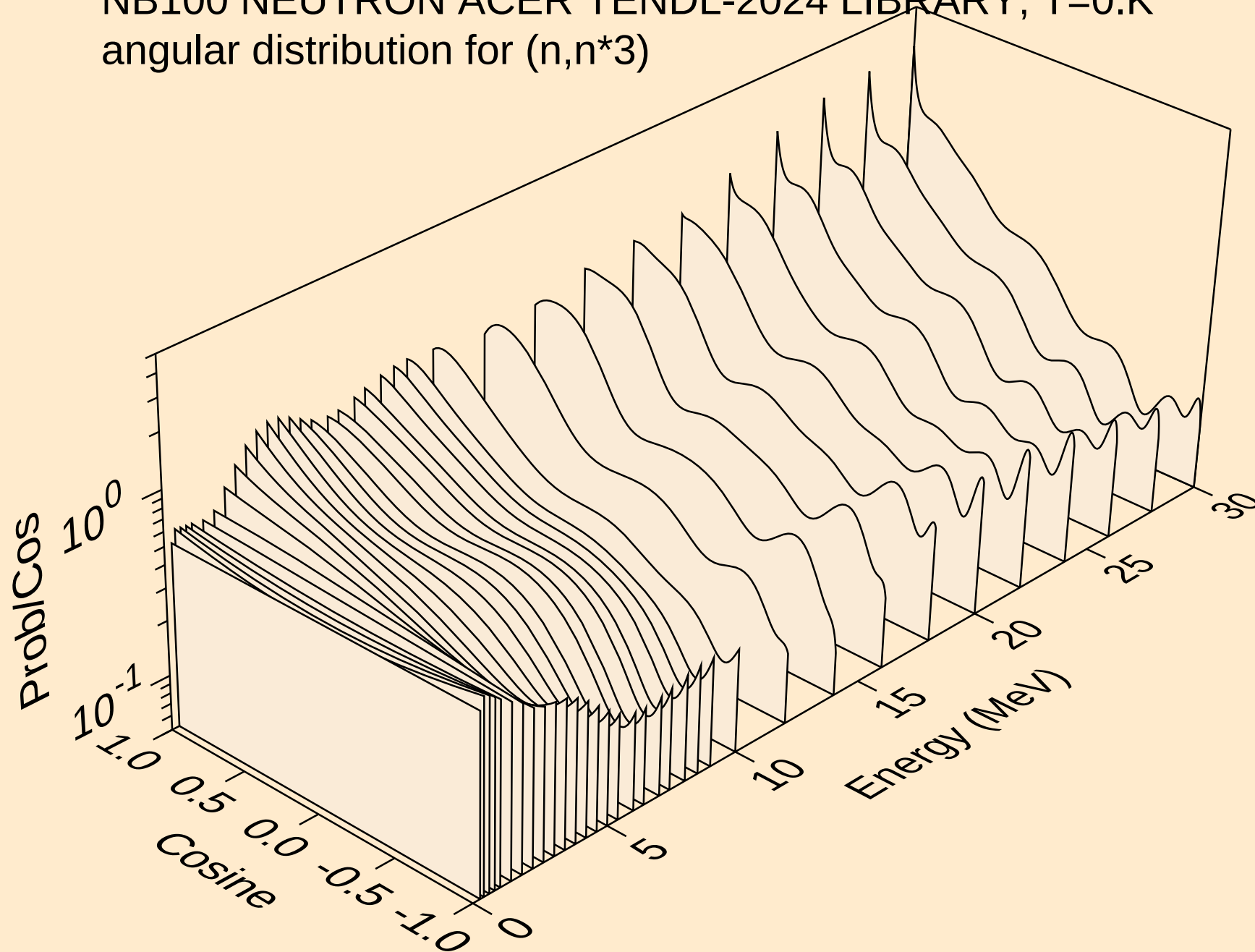


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

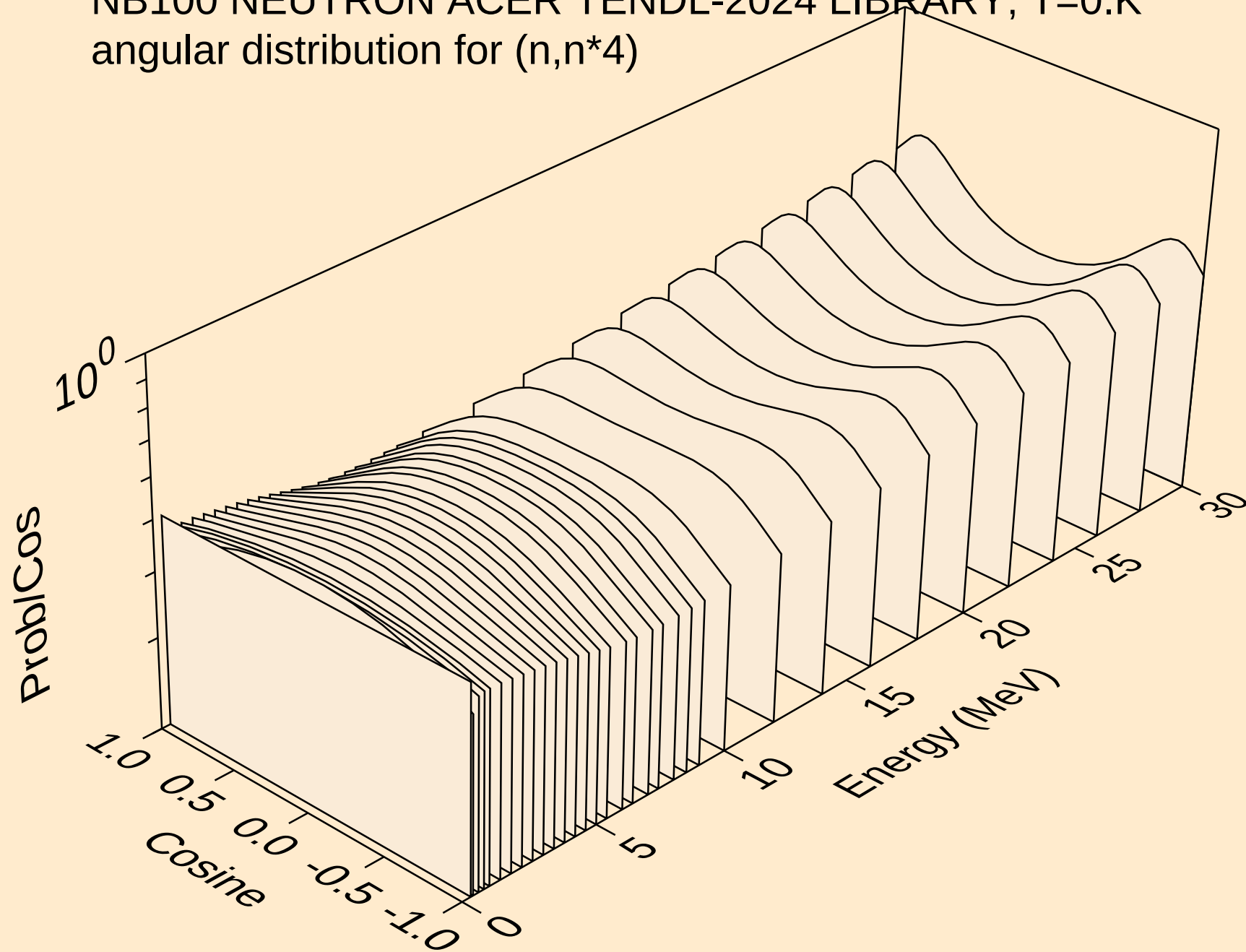




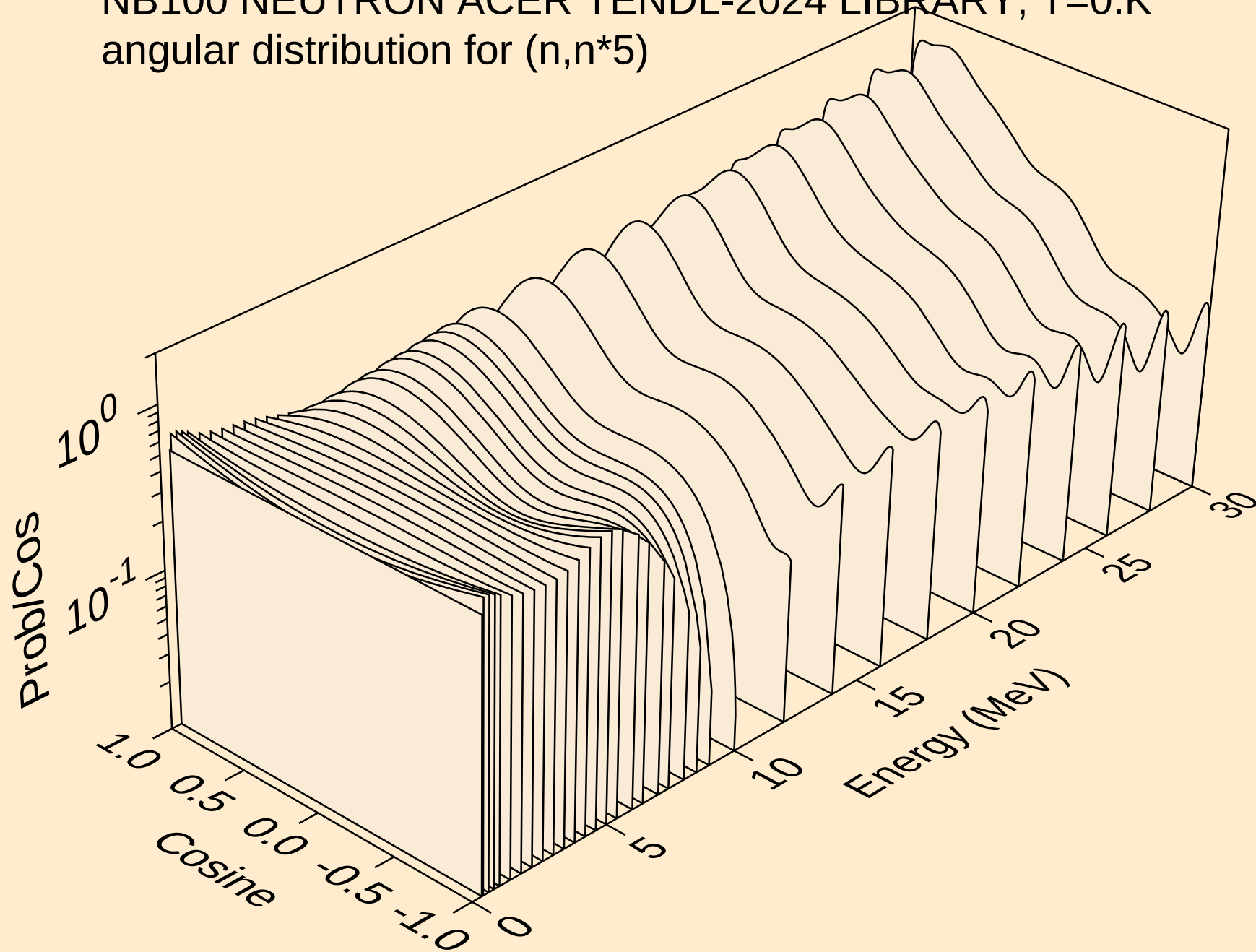
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angular distribution for (n,n\*3)



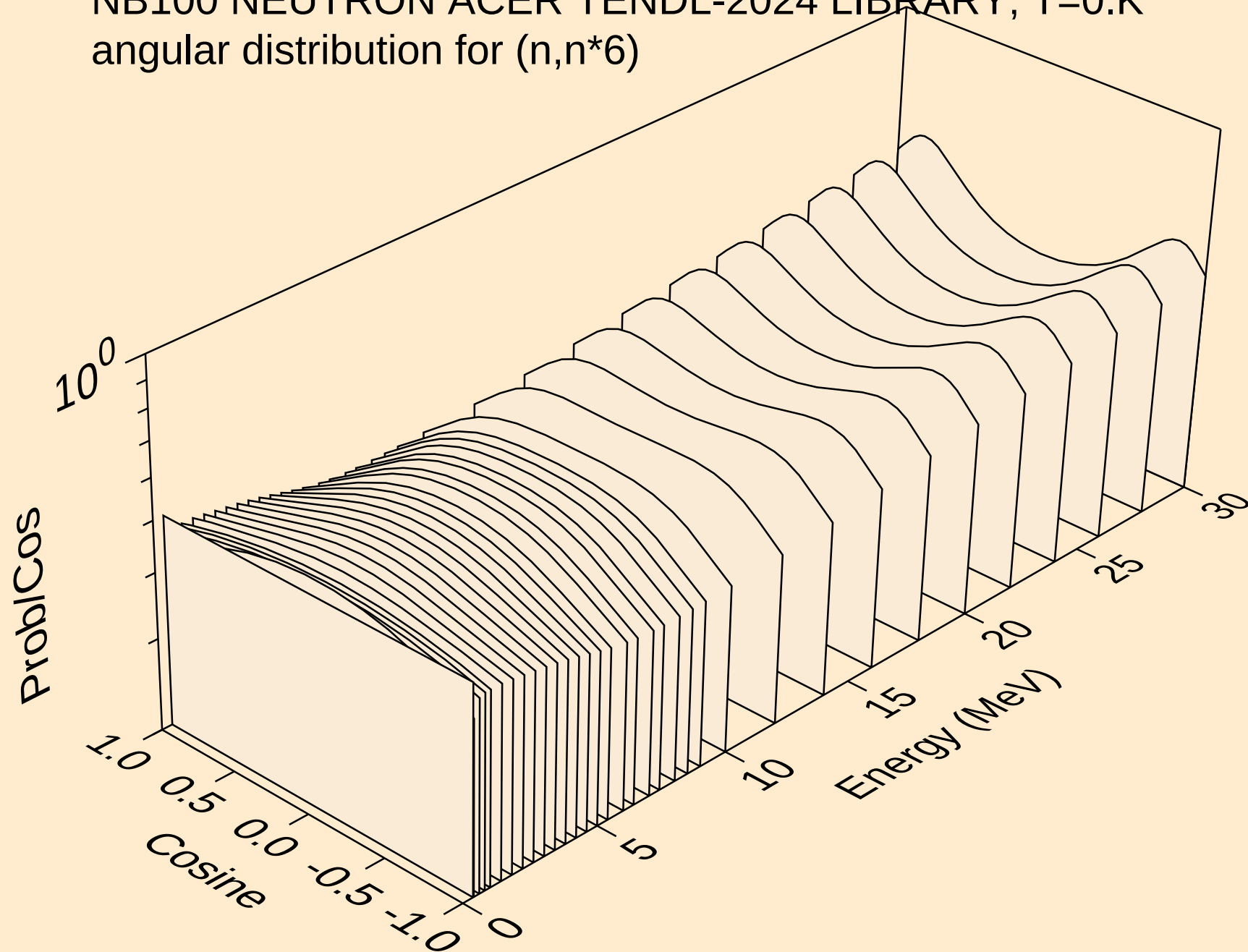
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



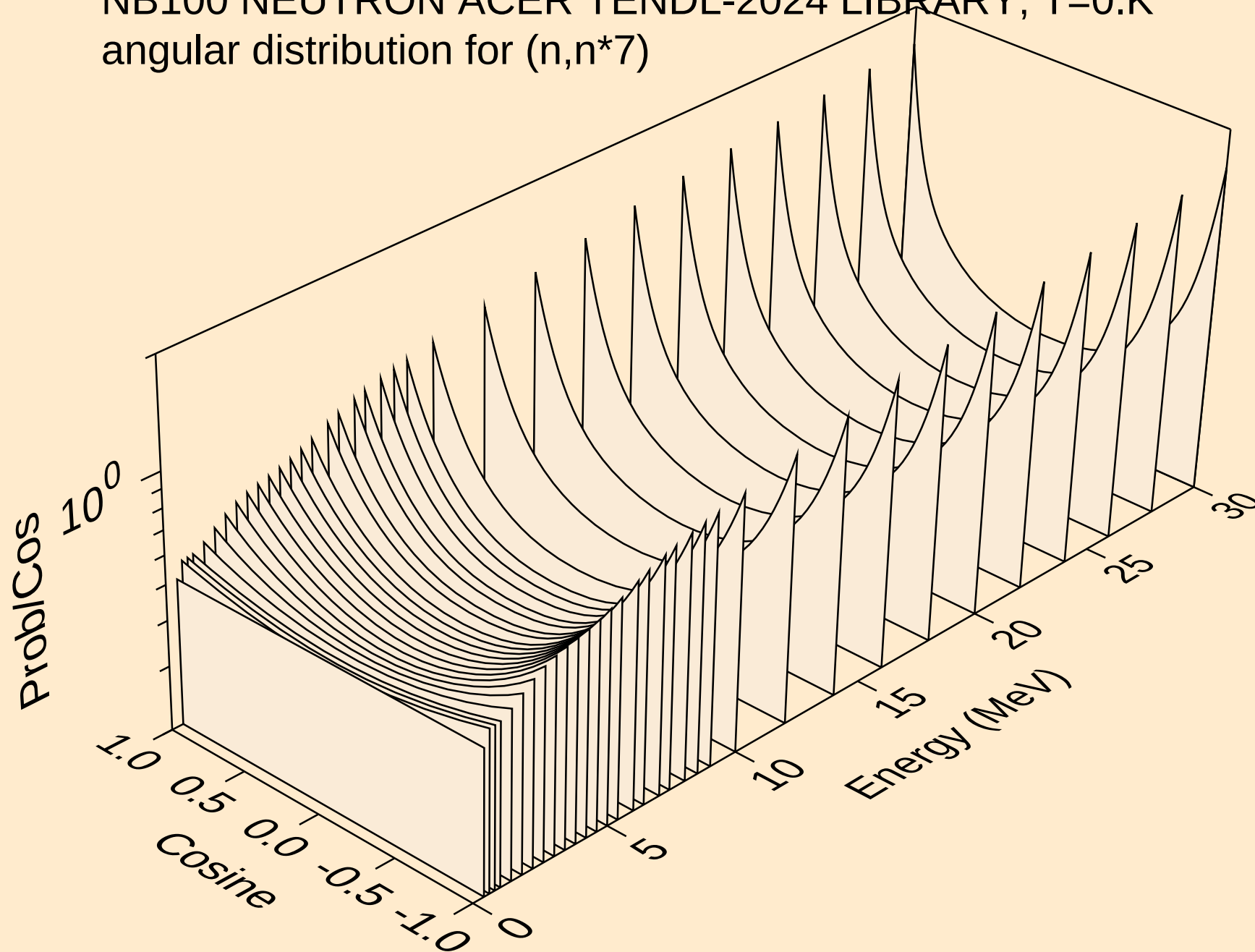
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



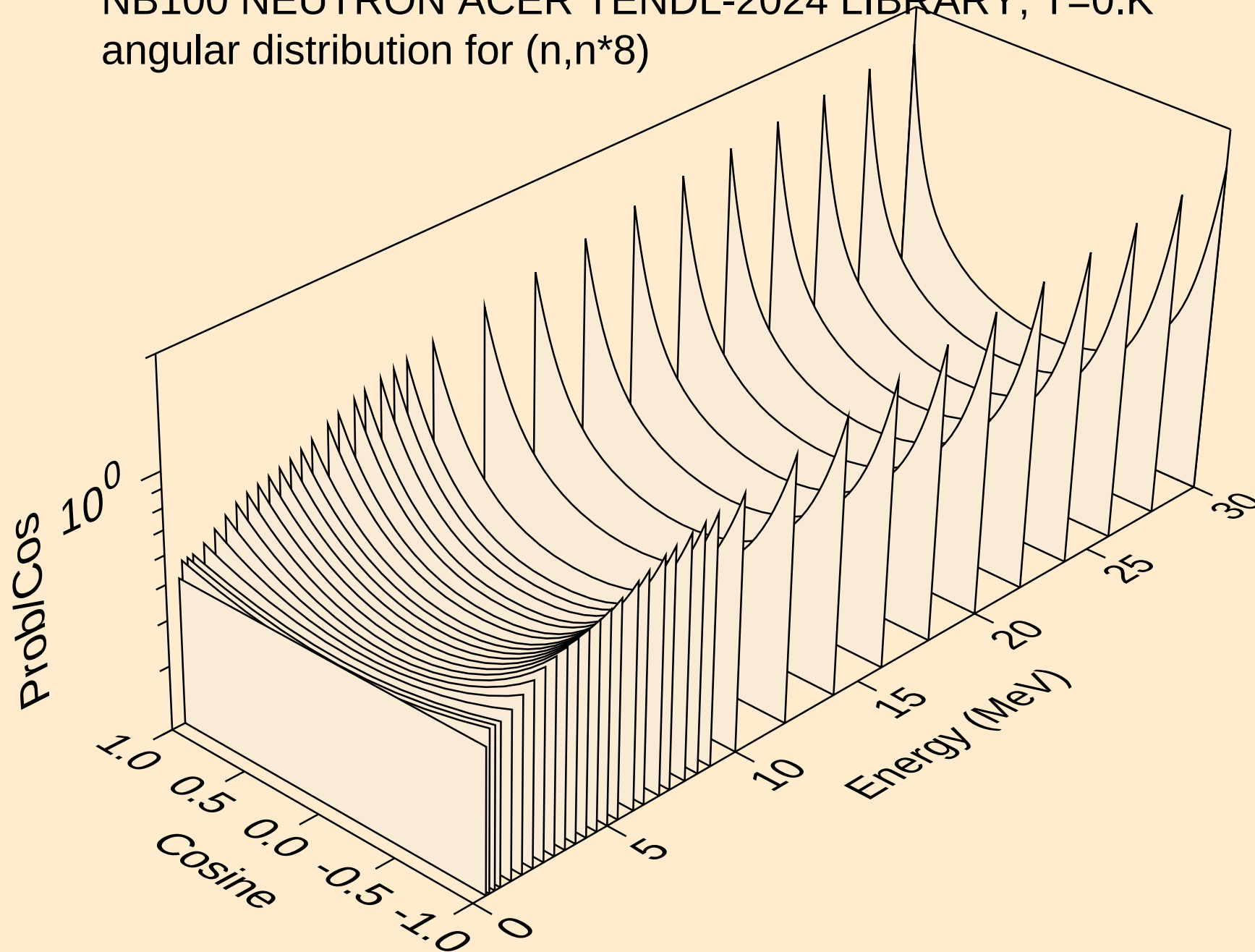
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angular distribution for (n,n\*6)



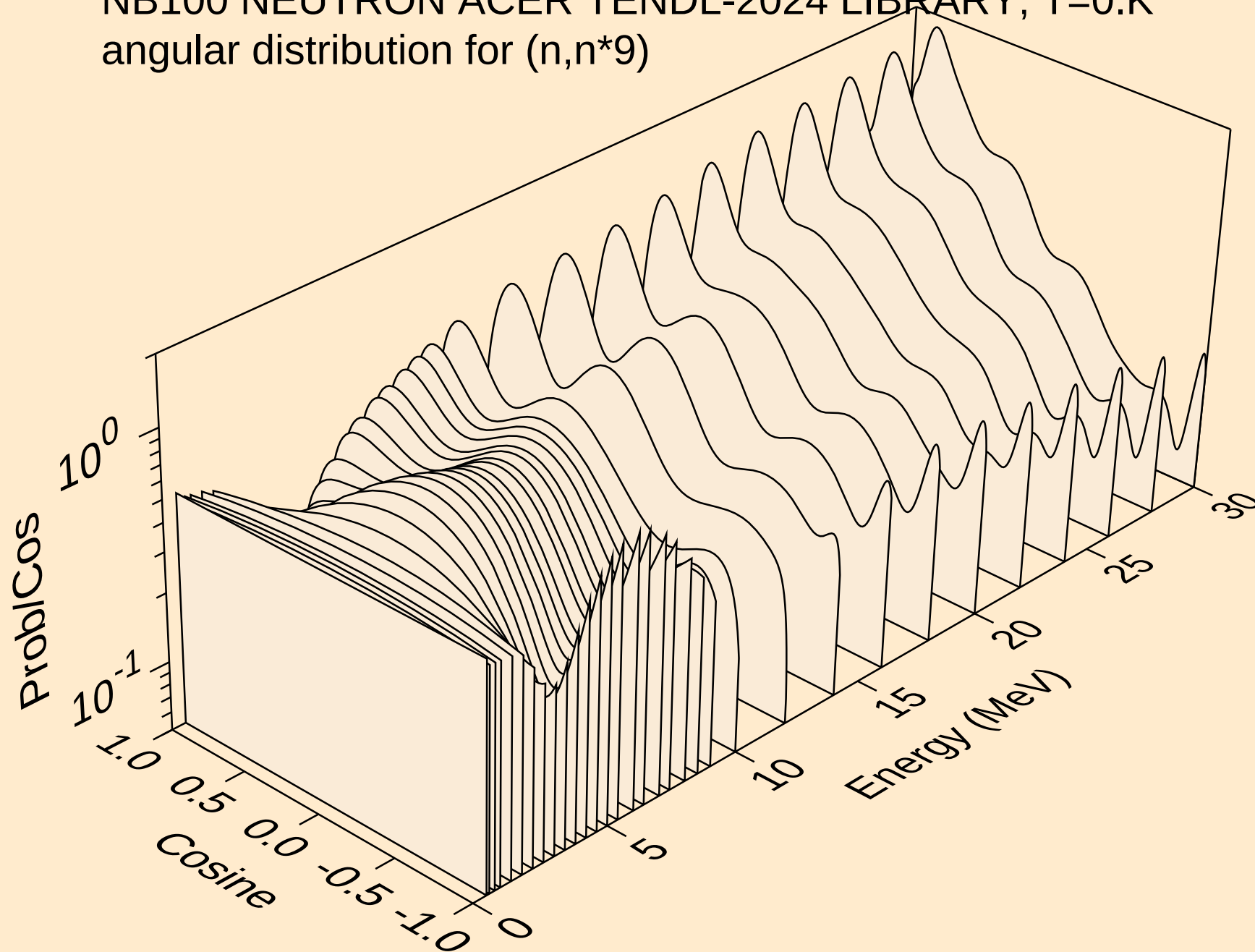
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angular distribution for (n,n\*7)



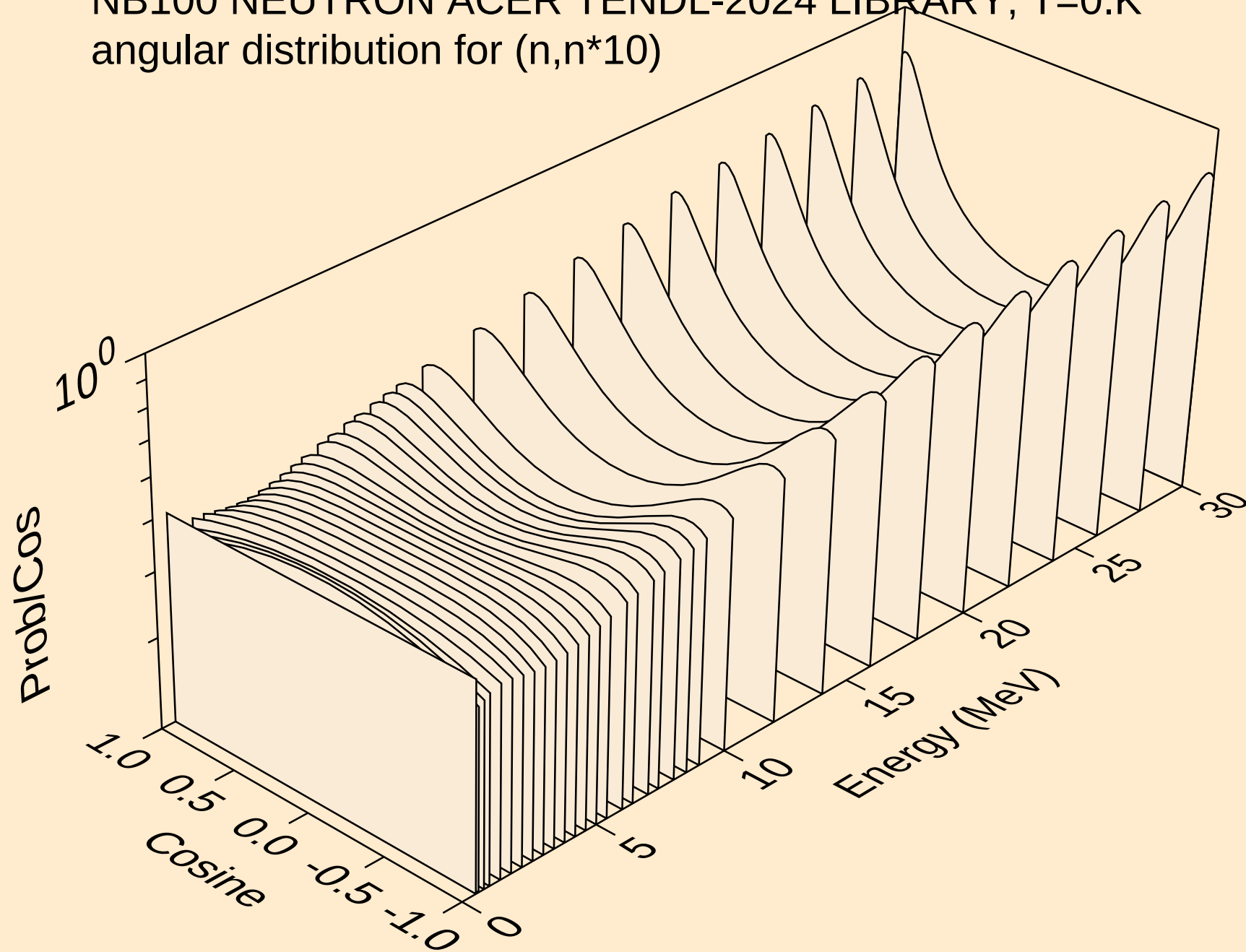
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

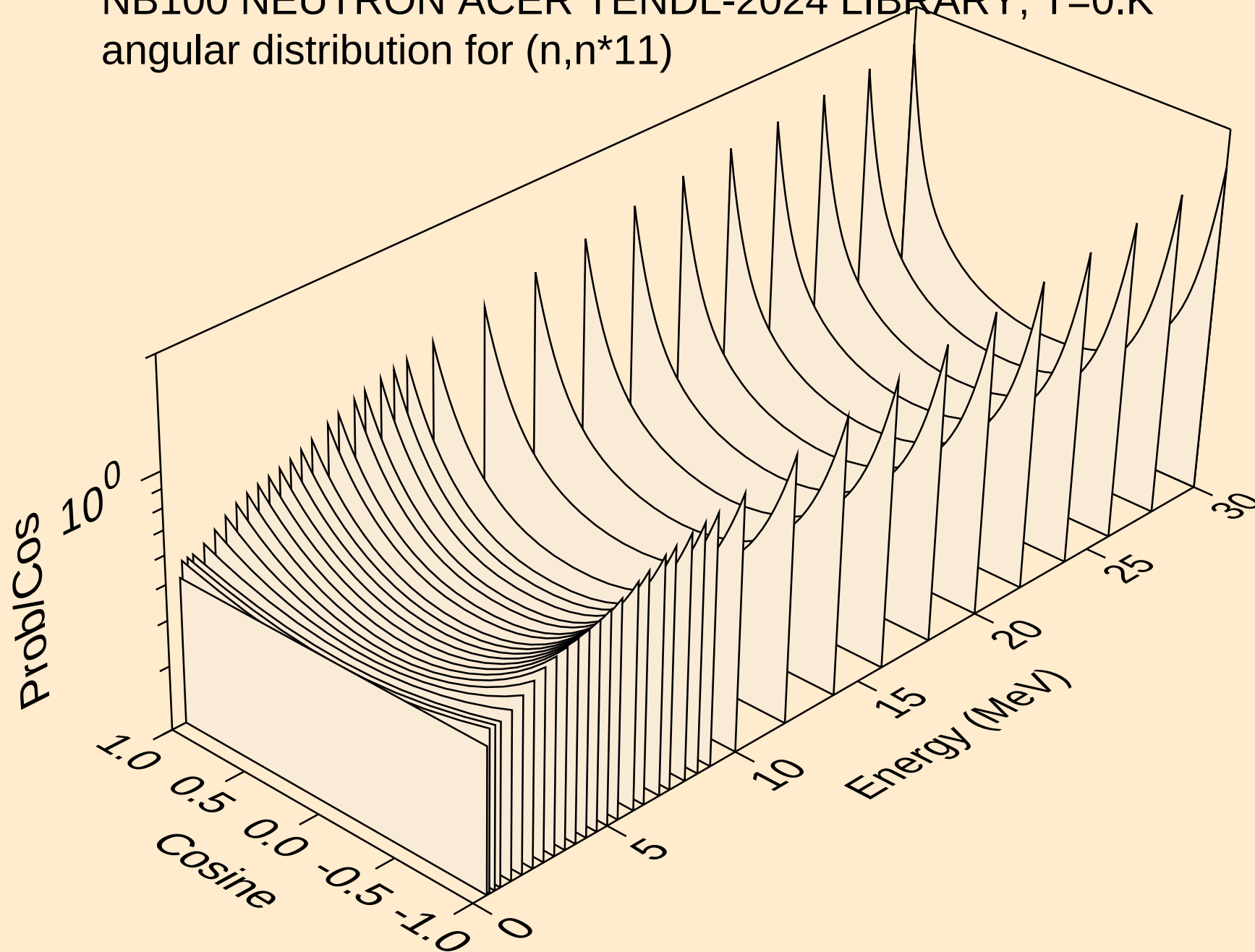


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

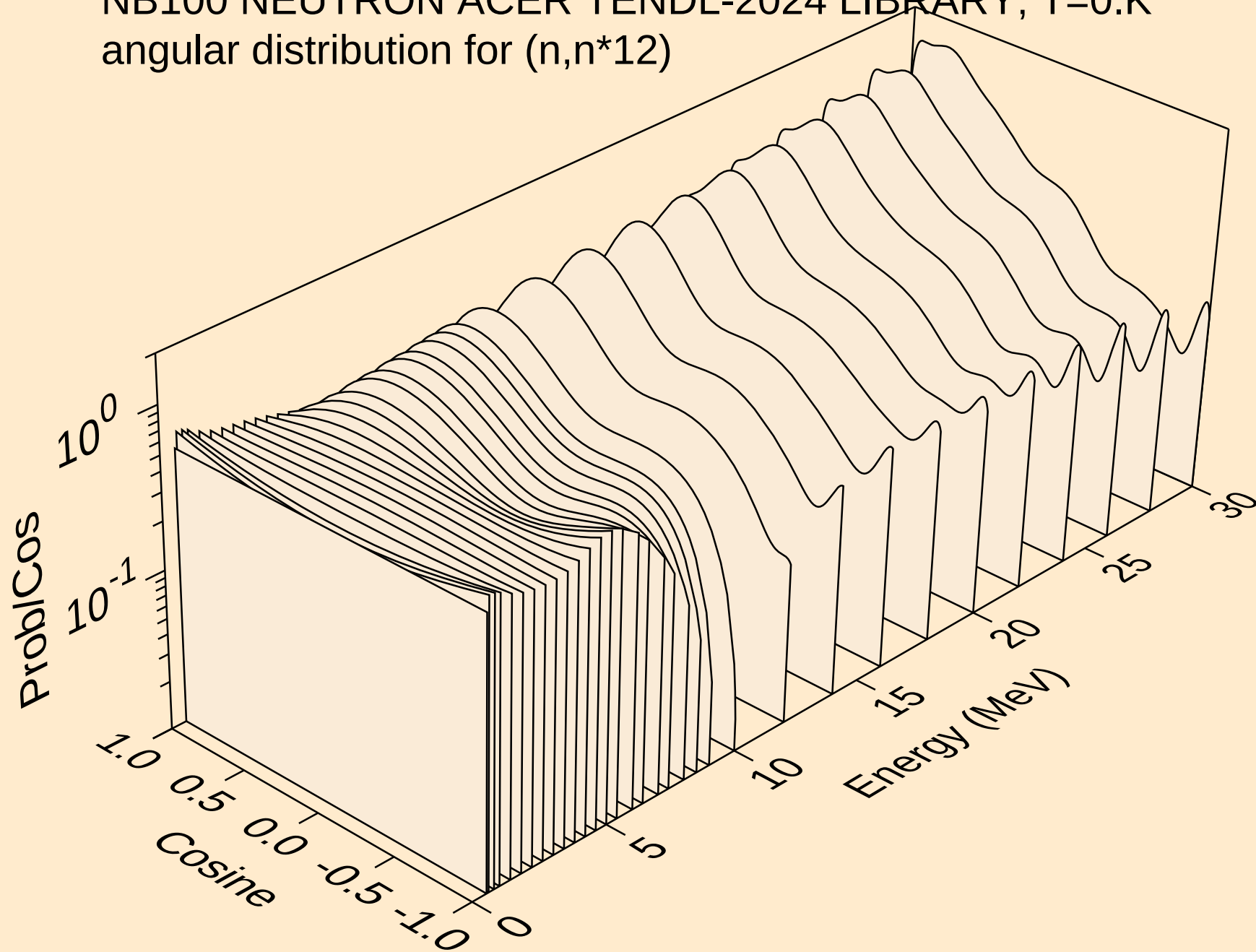




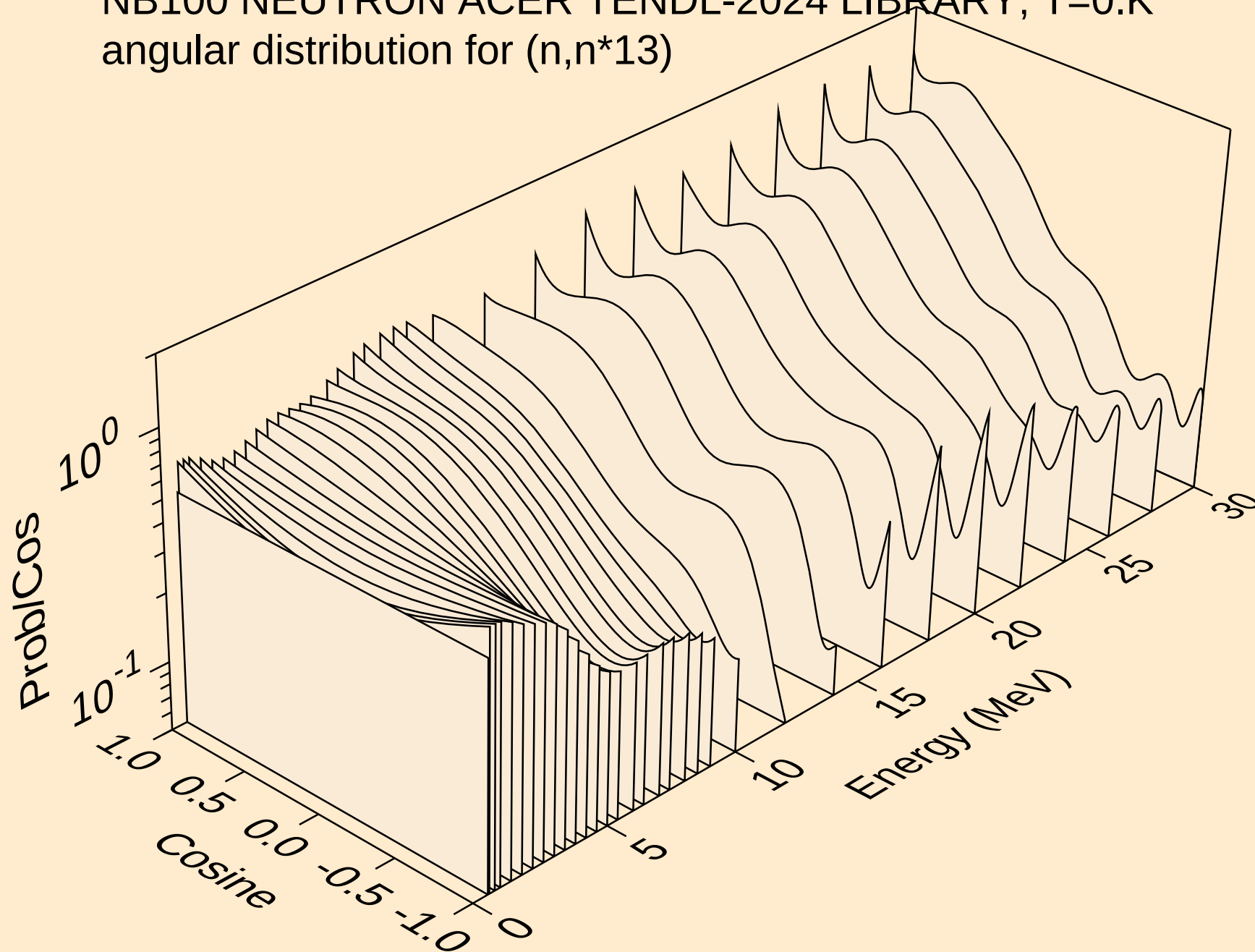
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angular distribution for (n,n\*11)



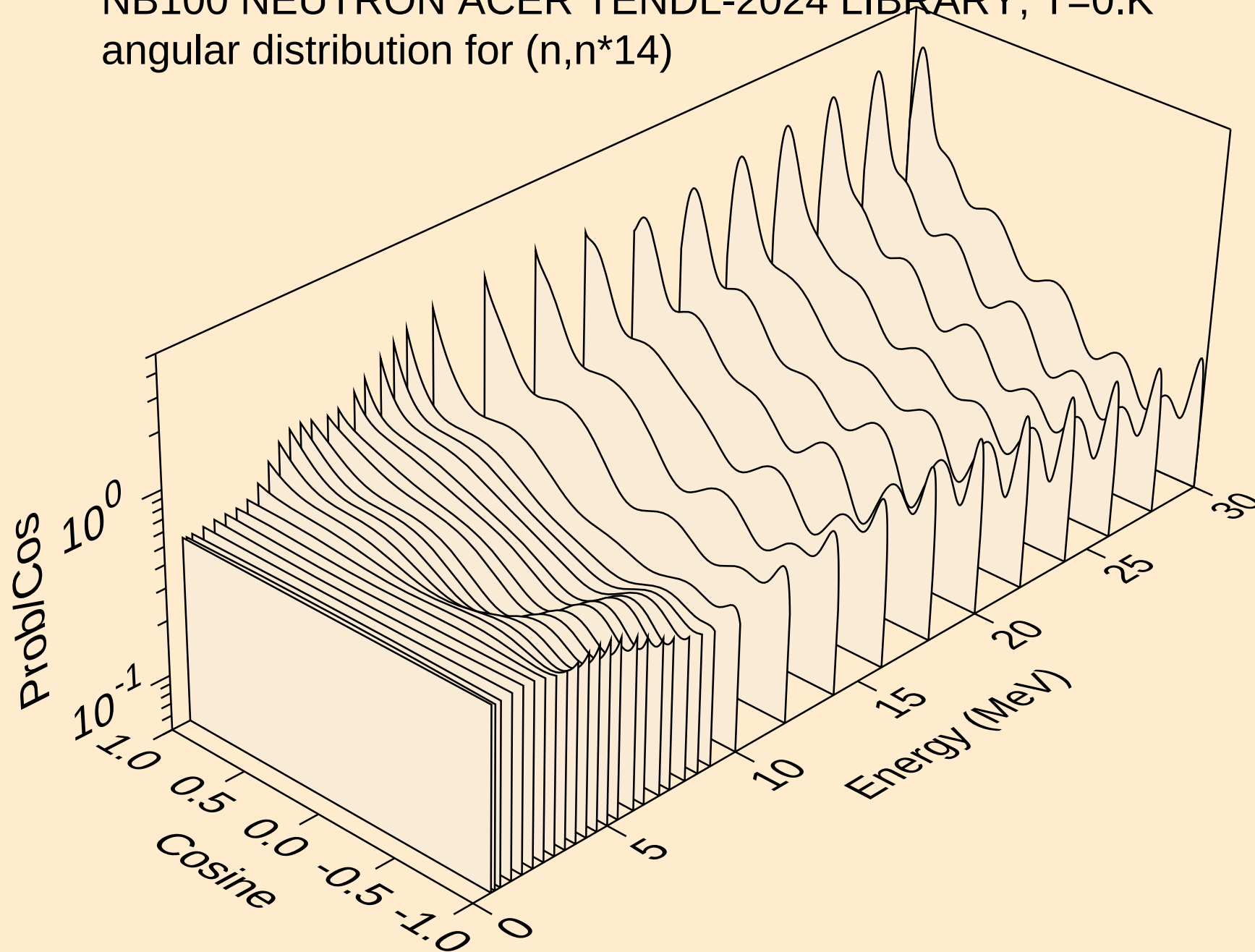
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angular distribution for (n,n\*12)



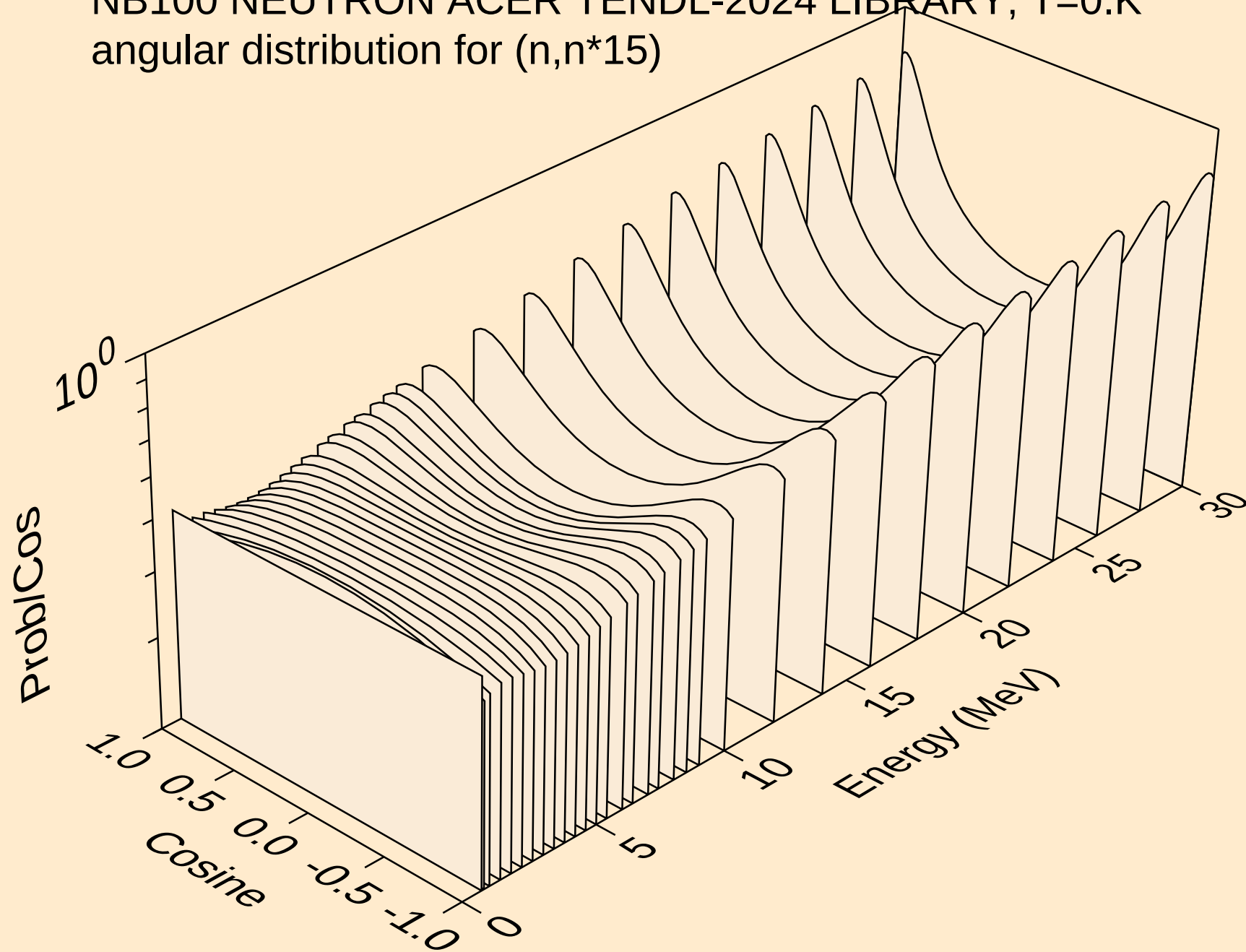
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angular distribution for (n,n\*13)



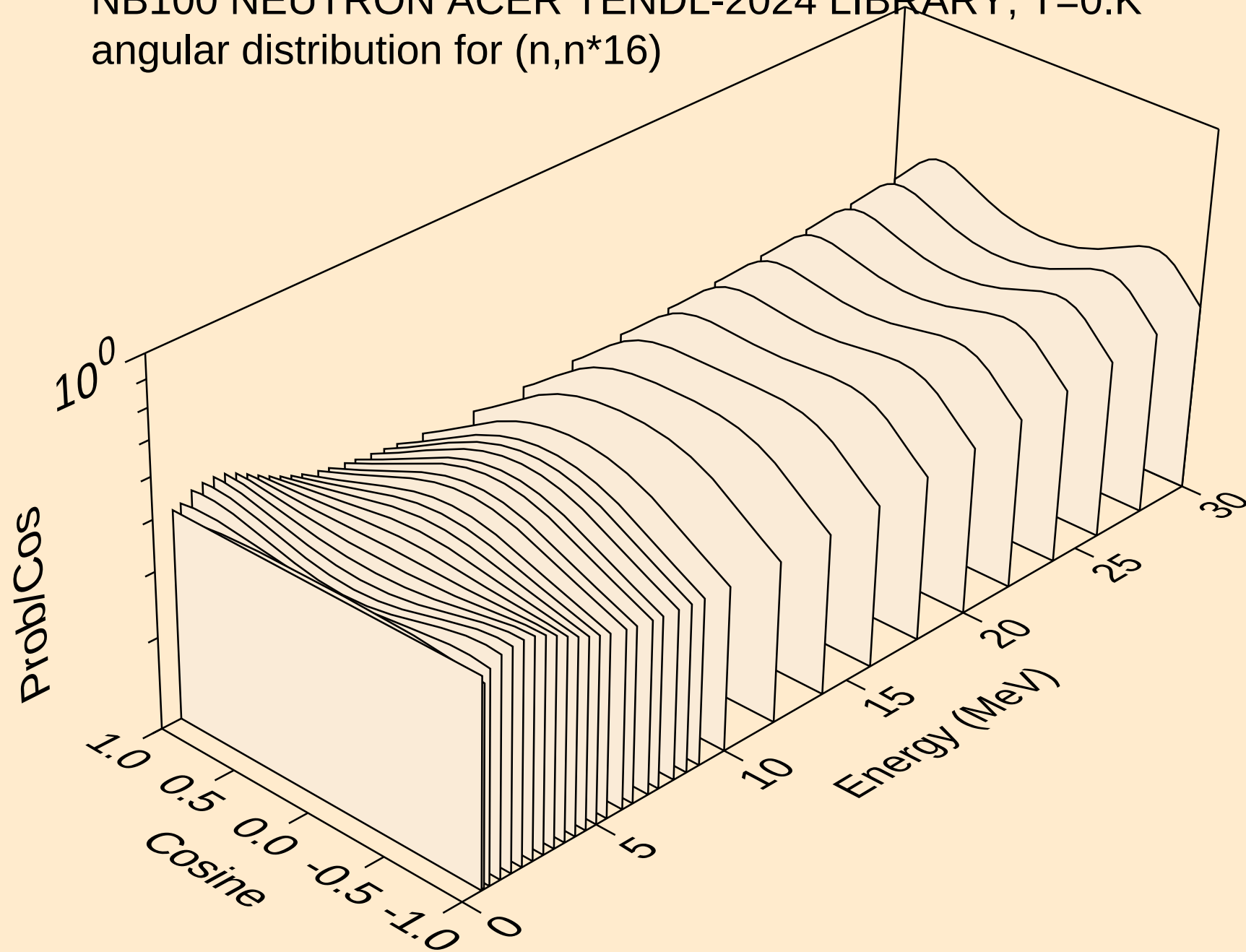
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angular distribution for (n,n\*14)



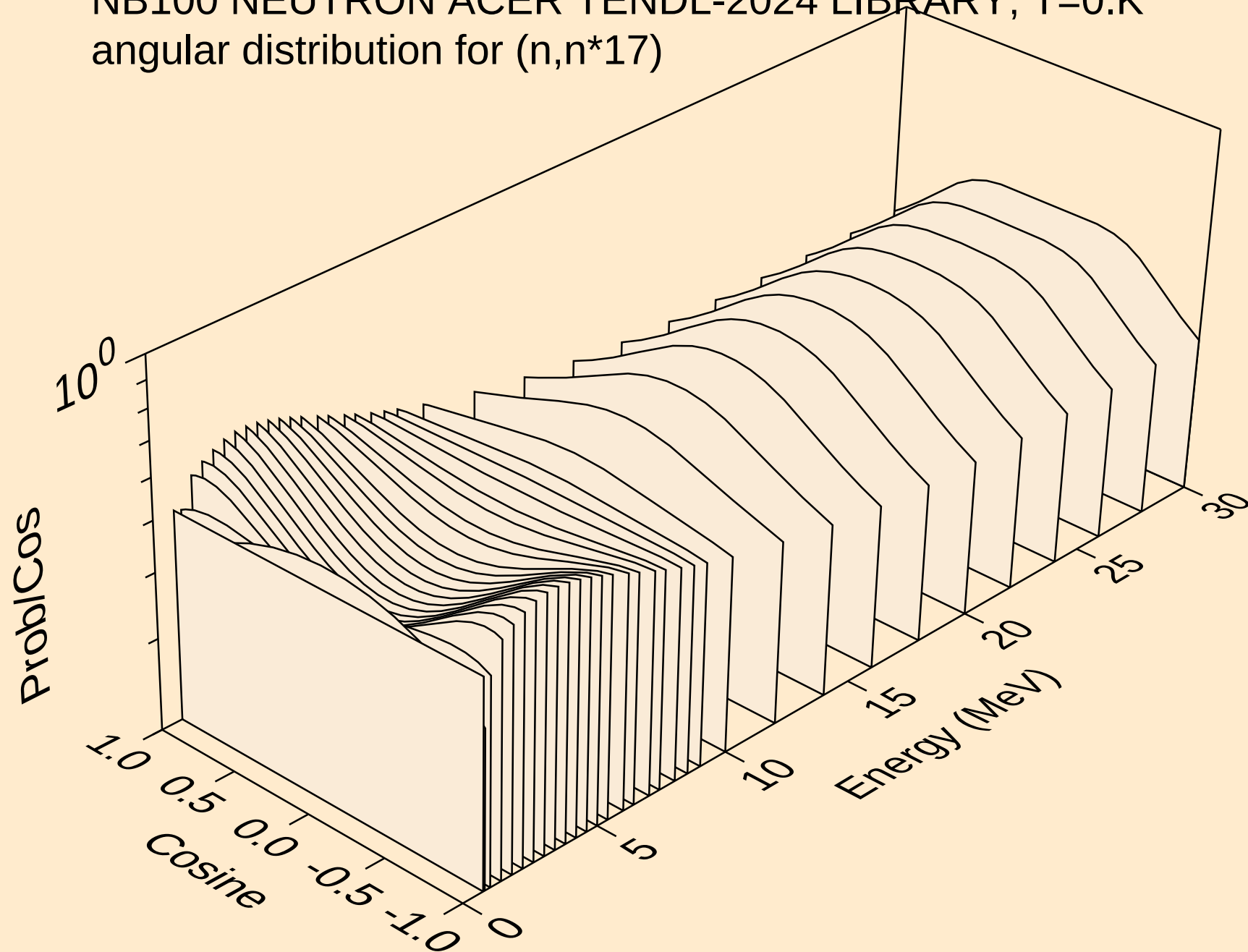
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angular distribution for (n,n\*15)



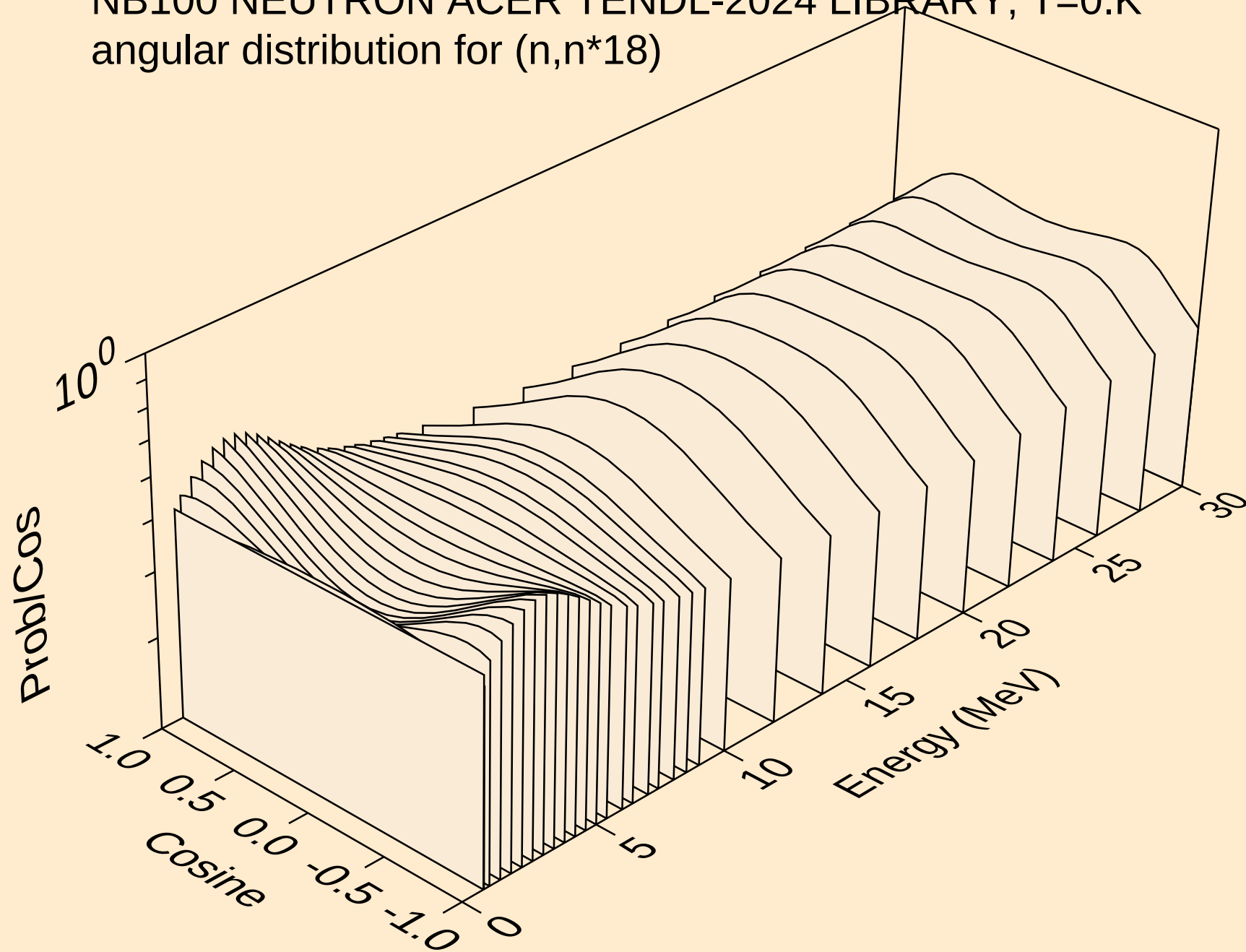
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

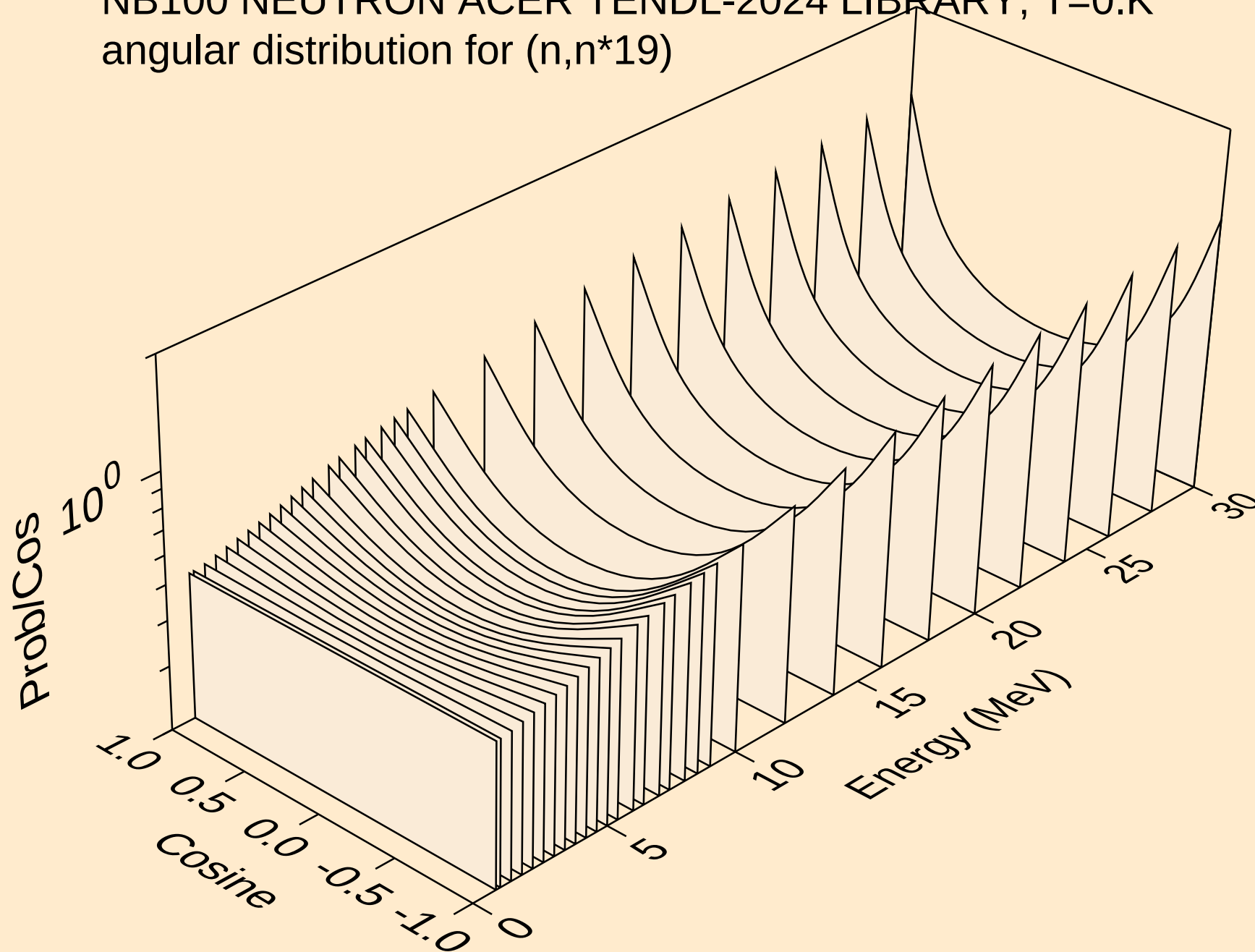


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angular distribution for (n,n\*18)

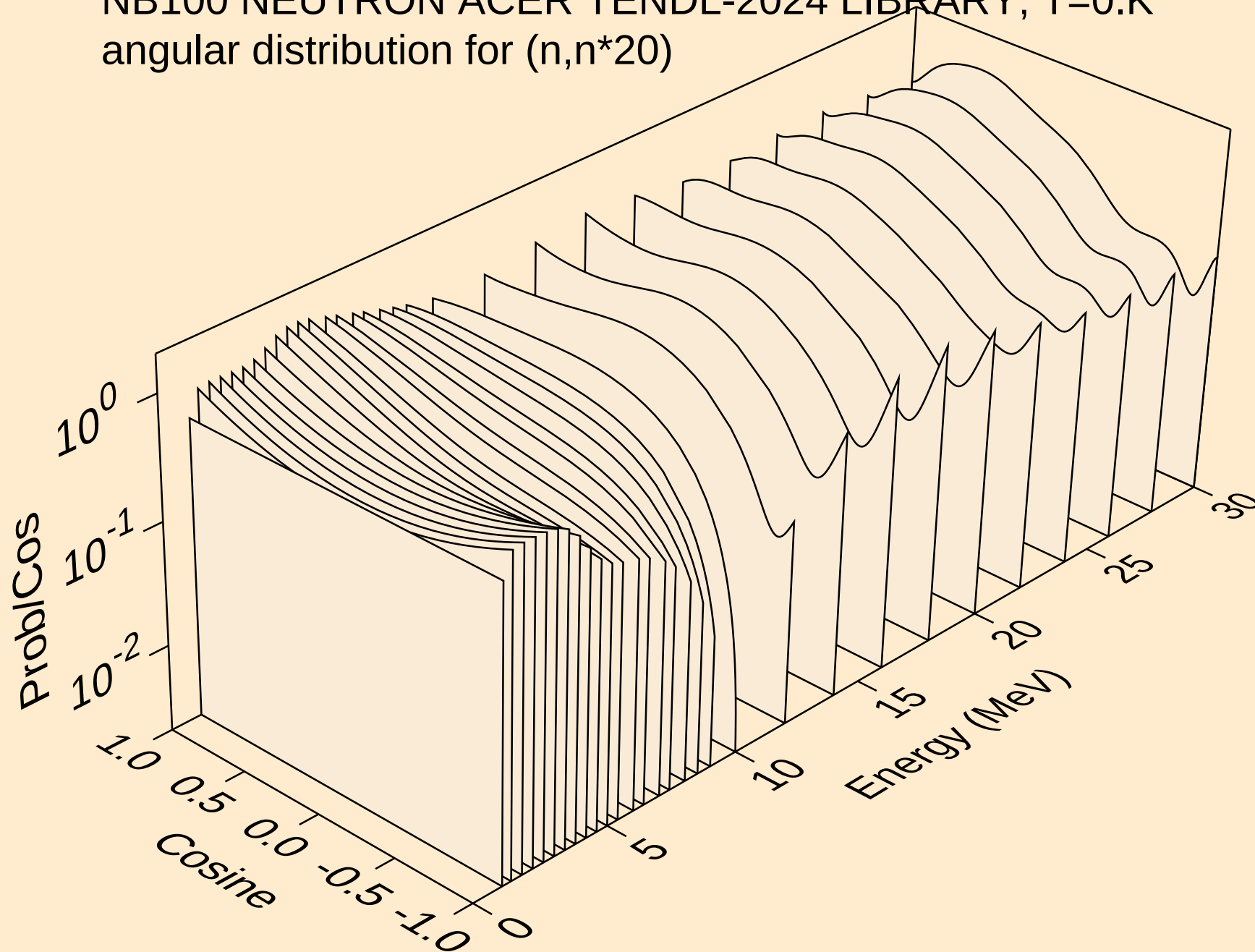




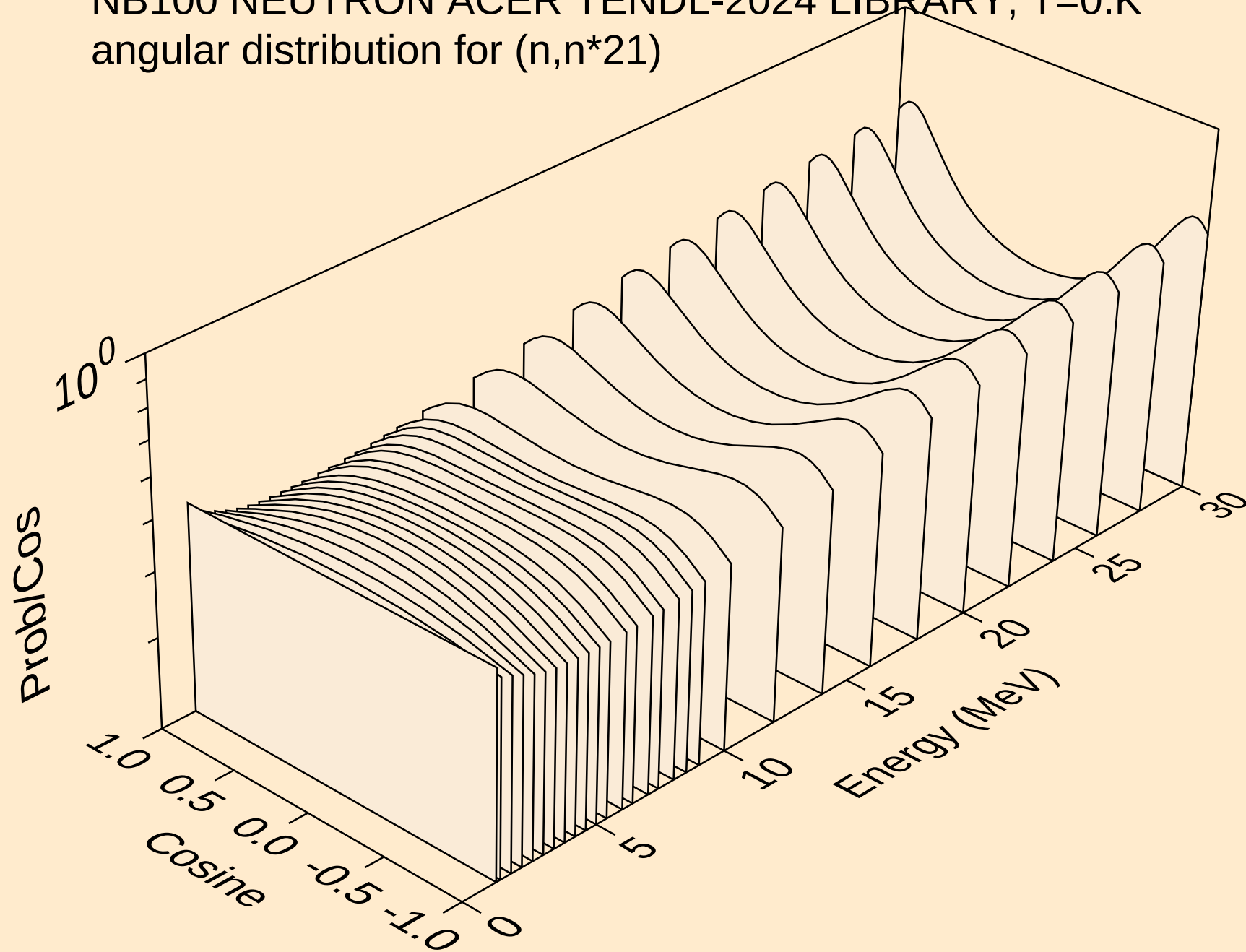
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angular distribution for (n,n\*19)



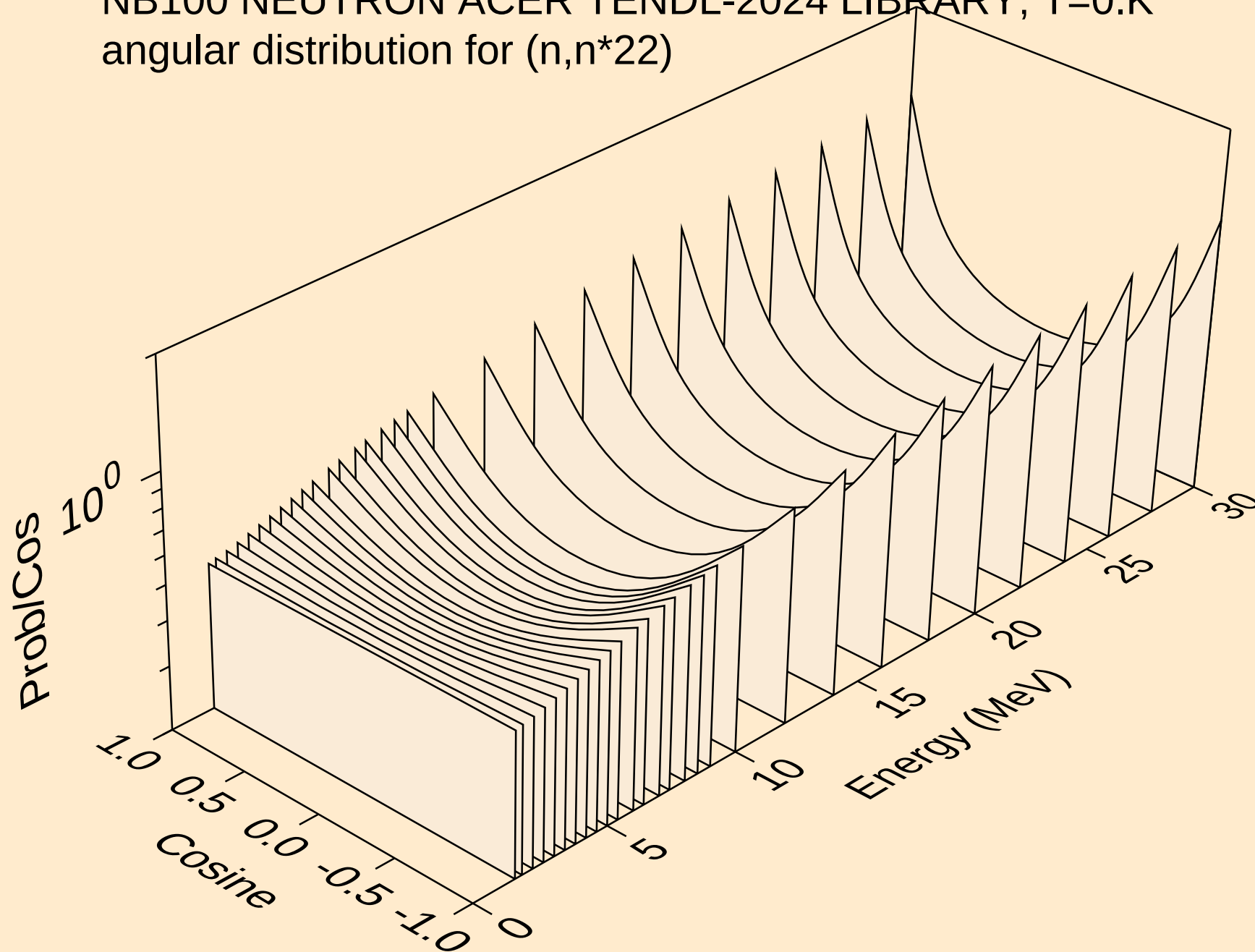
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angular distribution for (n,n\*20)



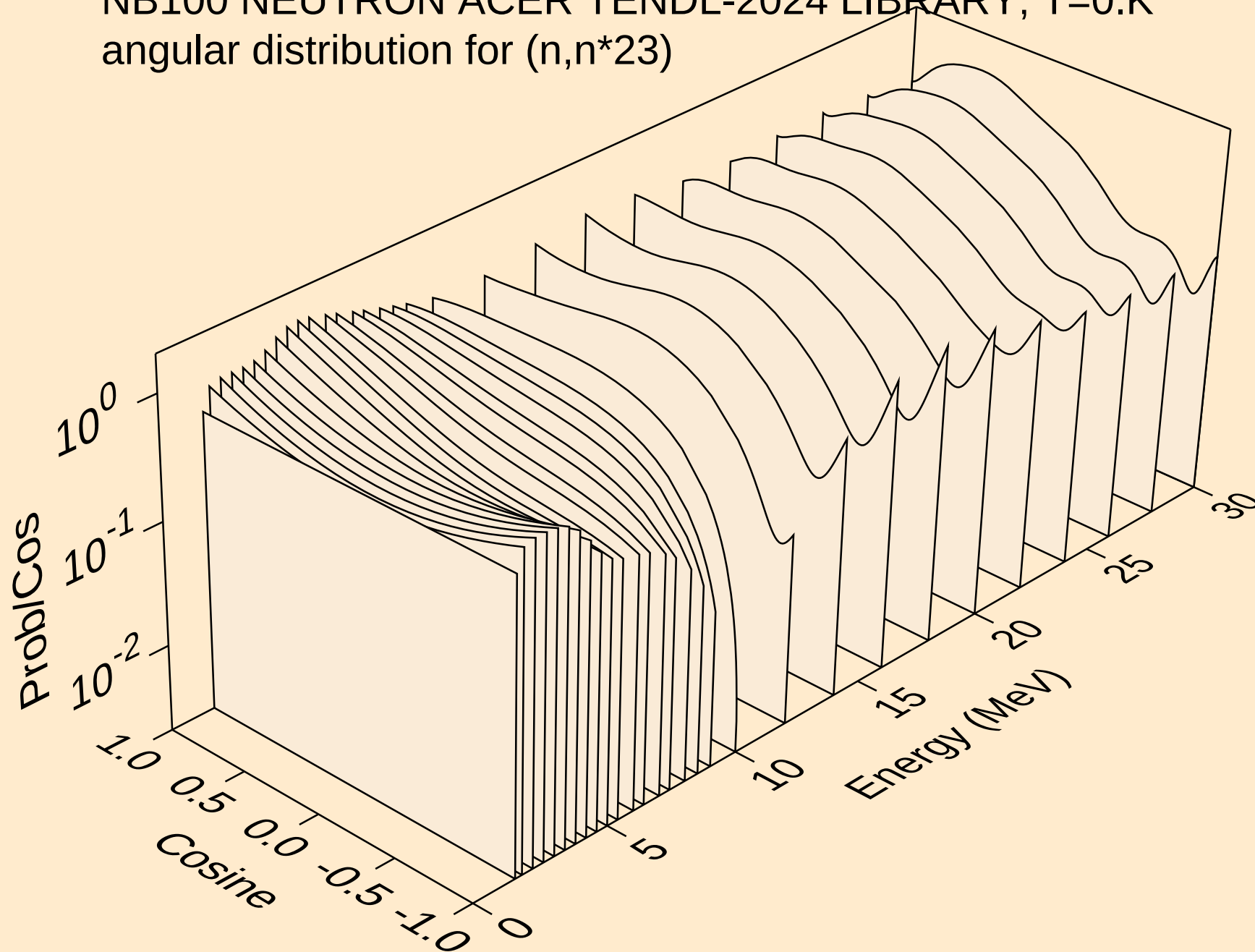
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angular distribution for (n,n\*21)



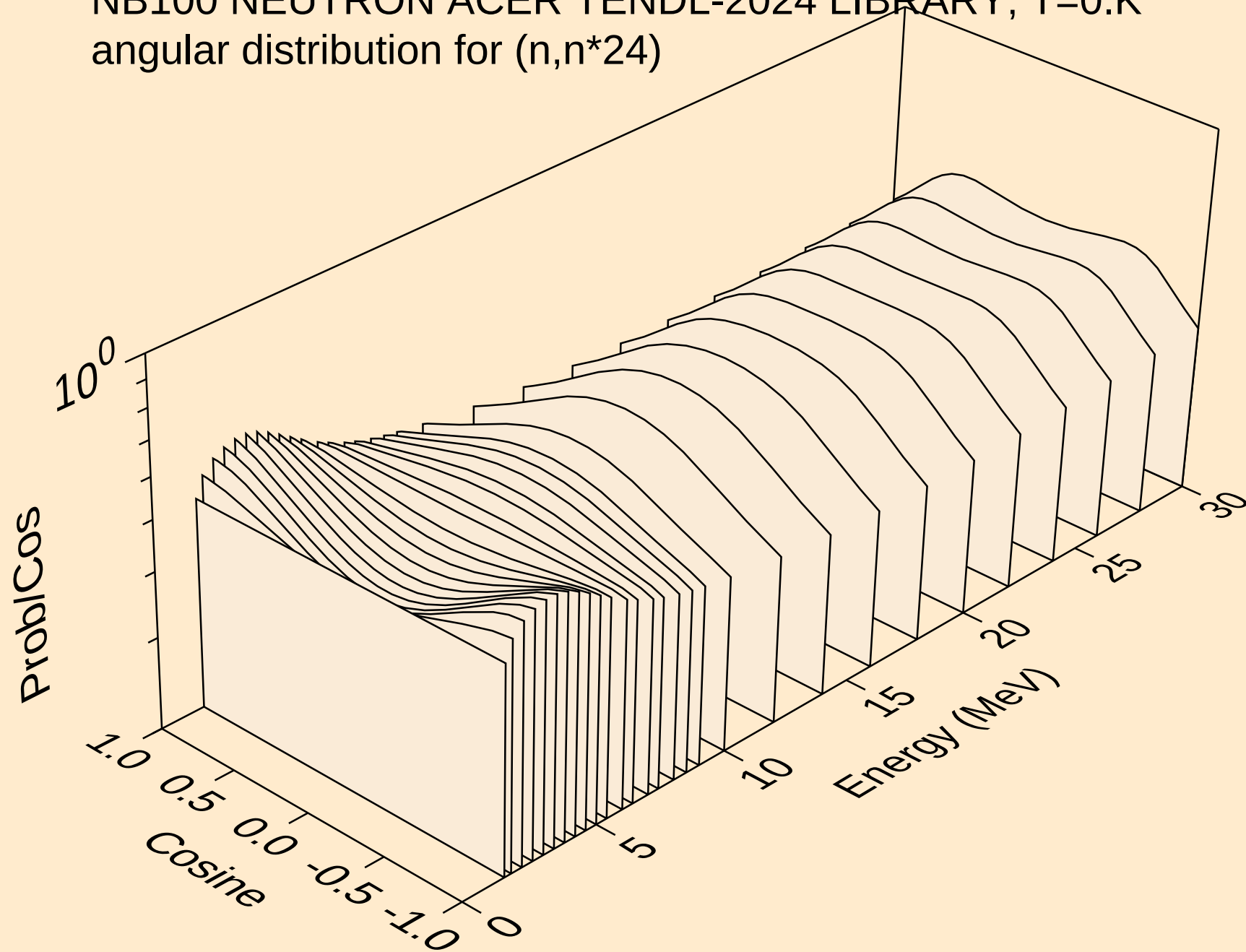
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angular distribution for (n,n\*22)



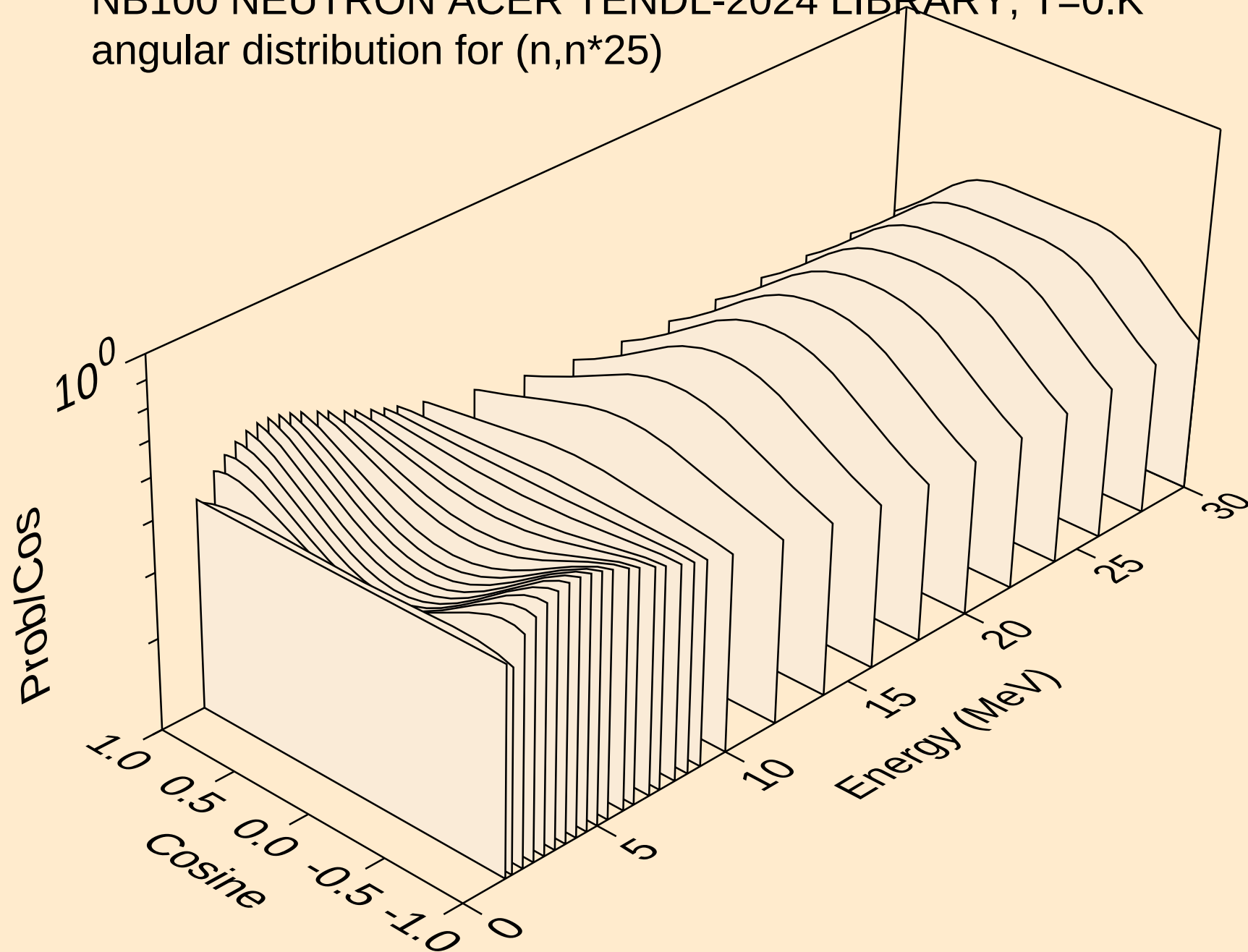
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angular distribution for (n,n\*23)



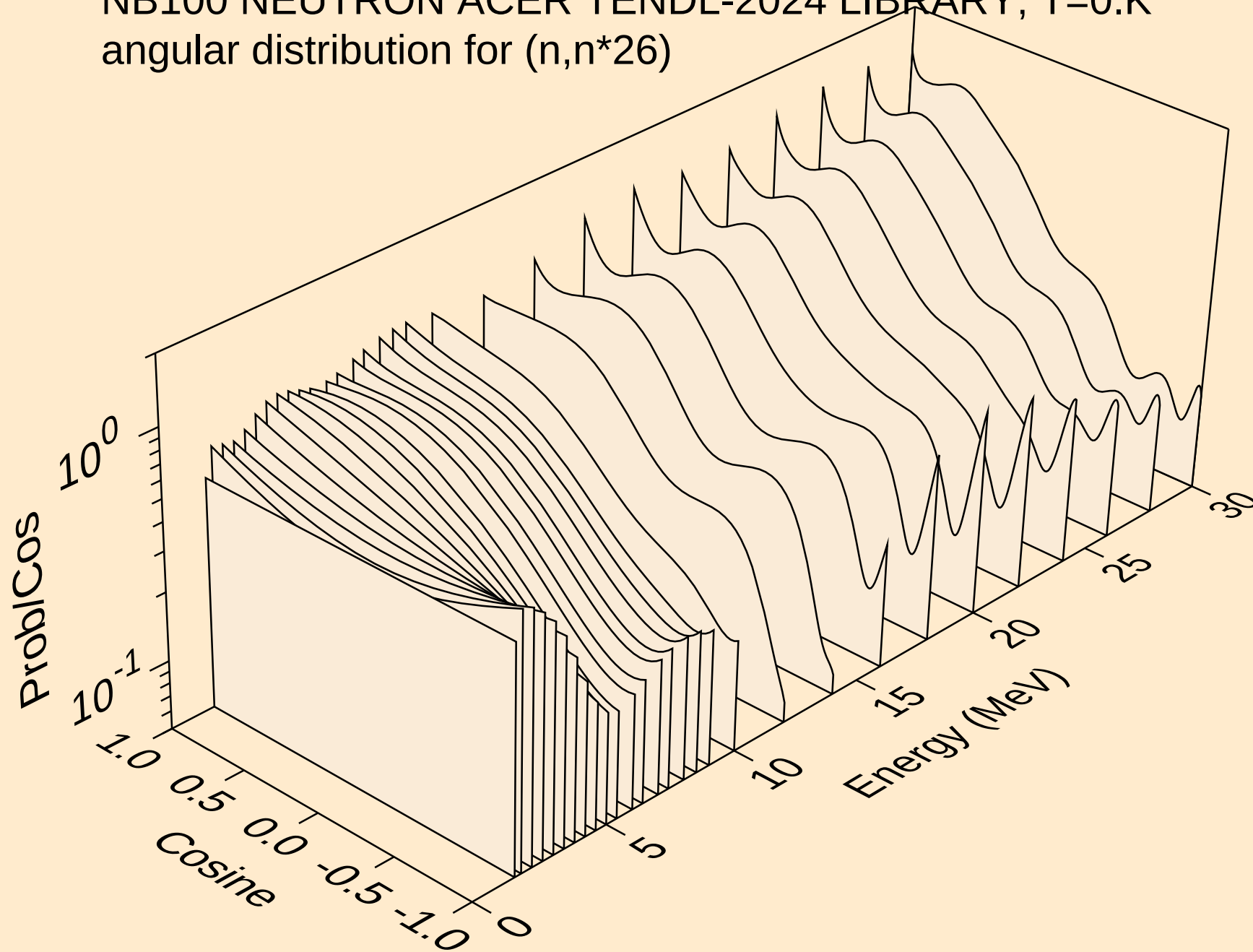
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

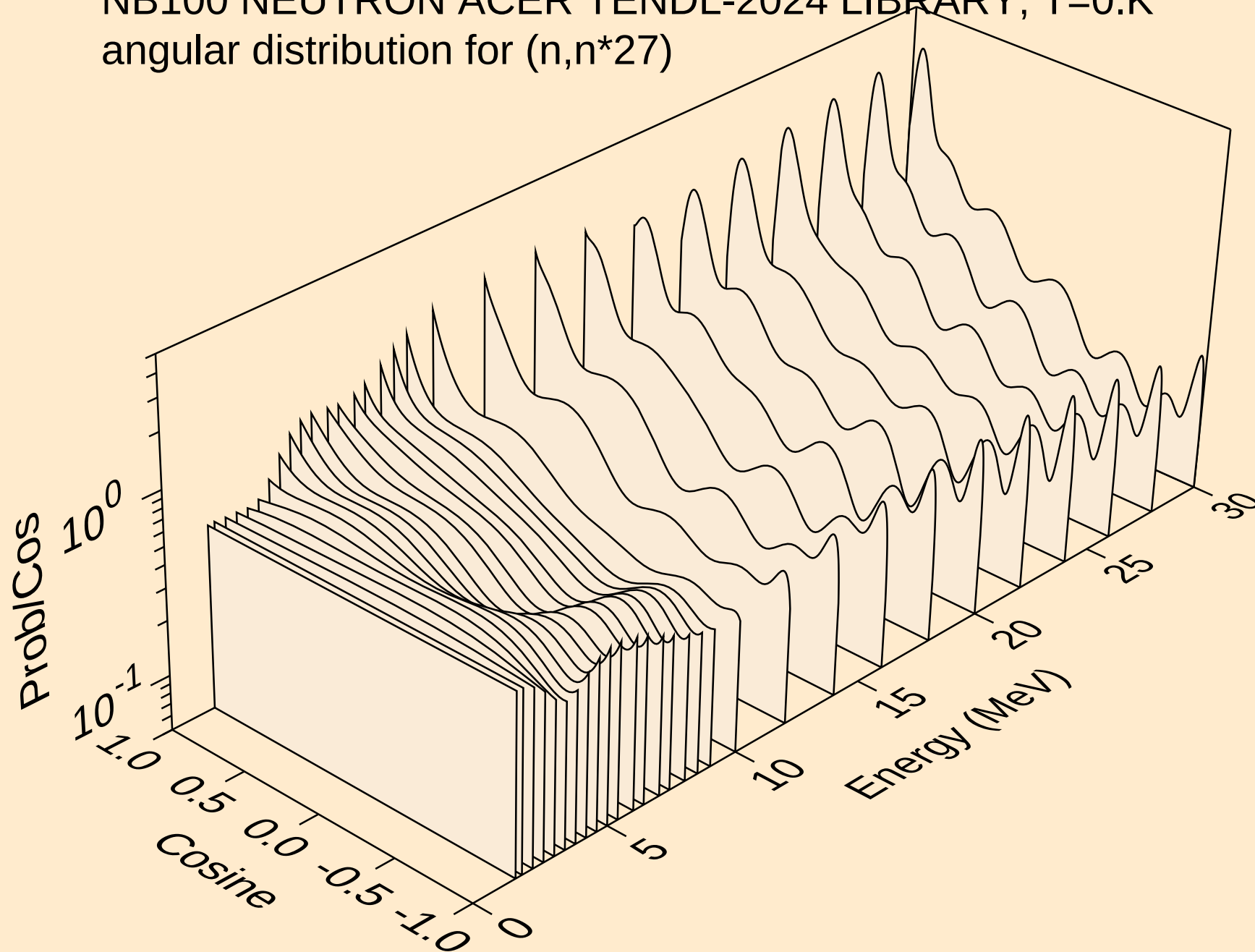


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

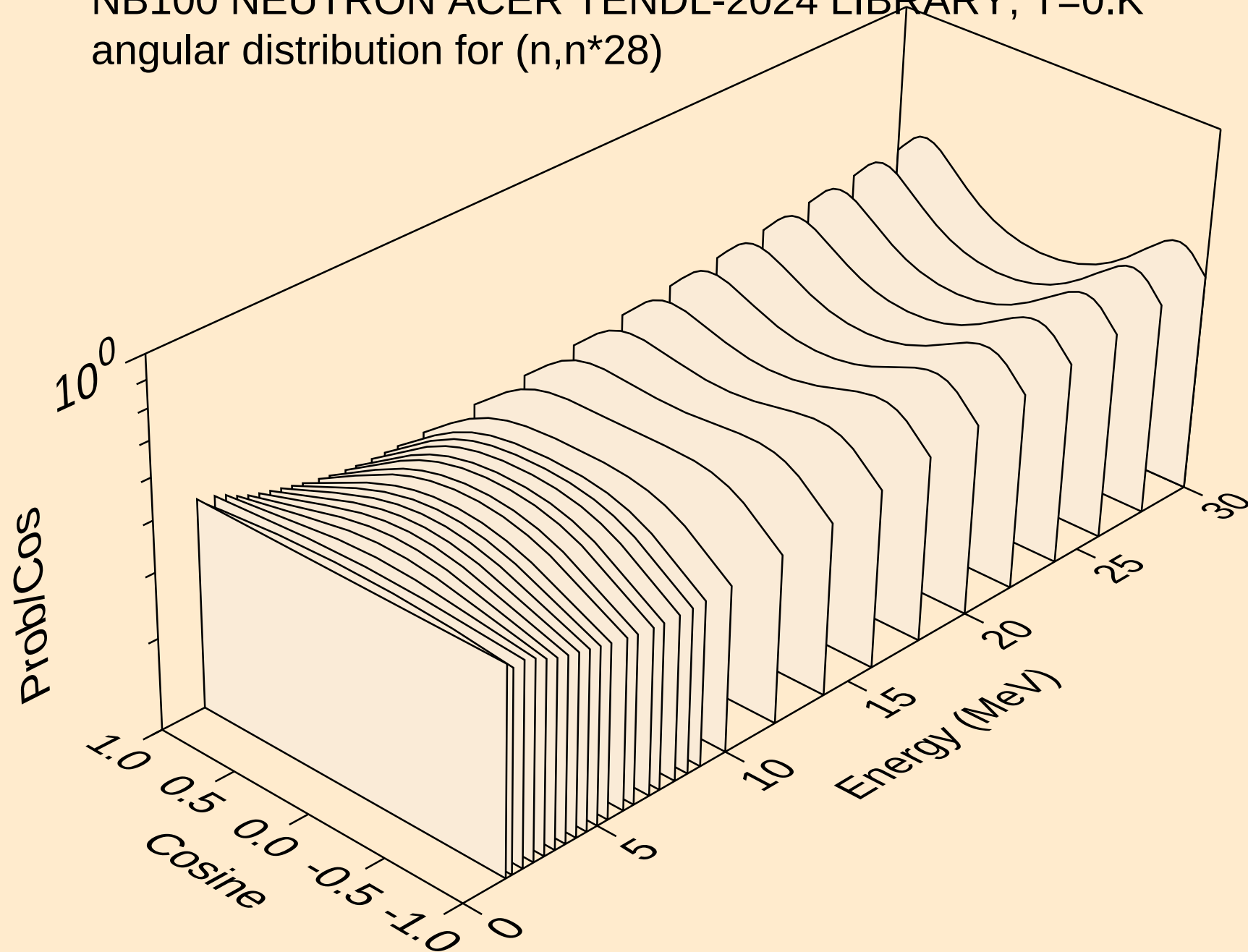




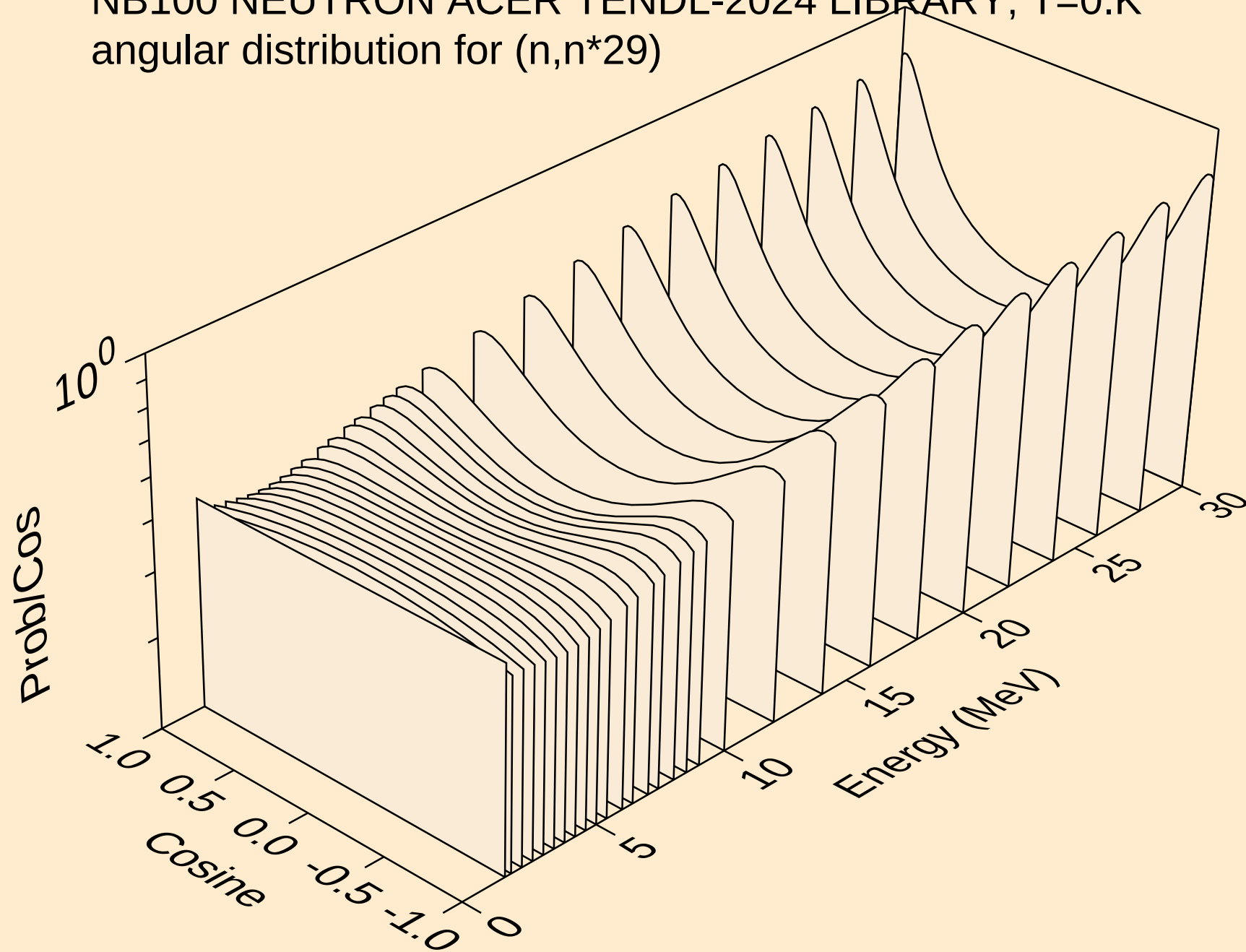
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



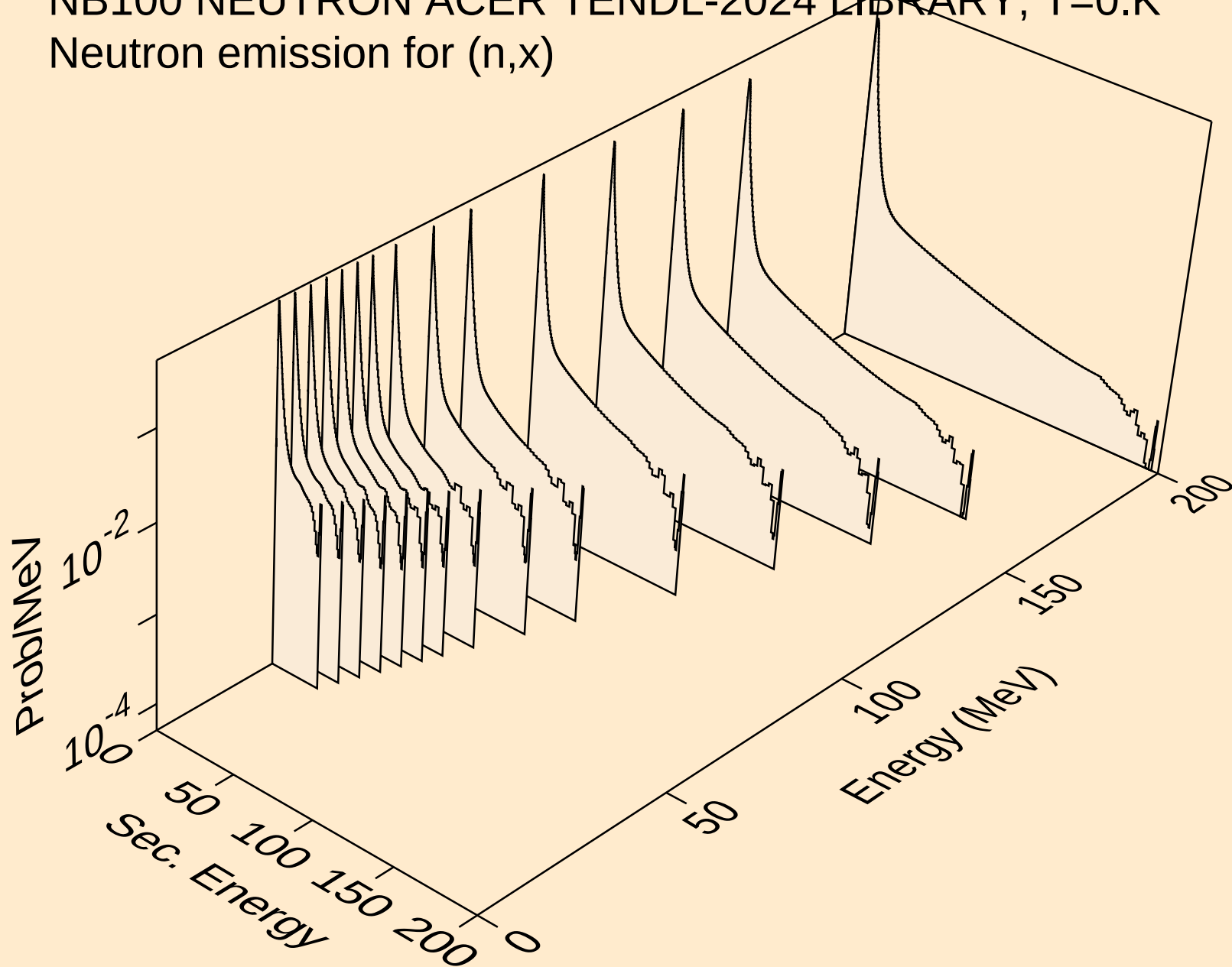
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



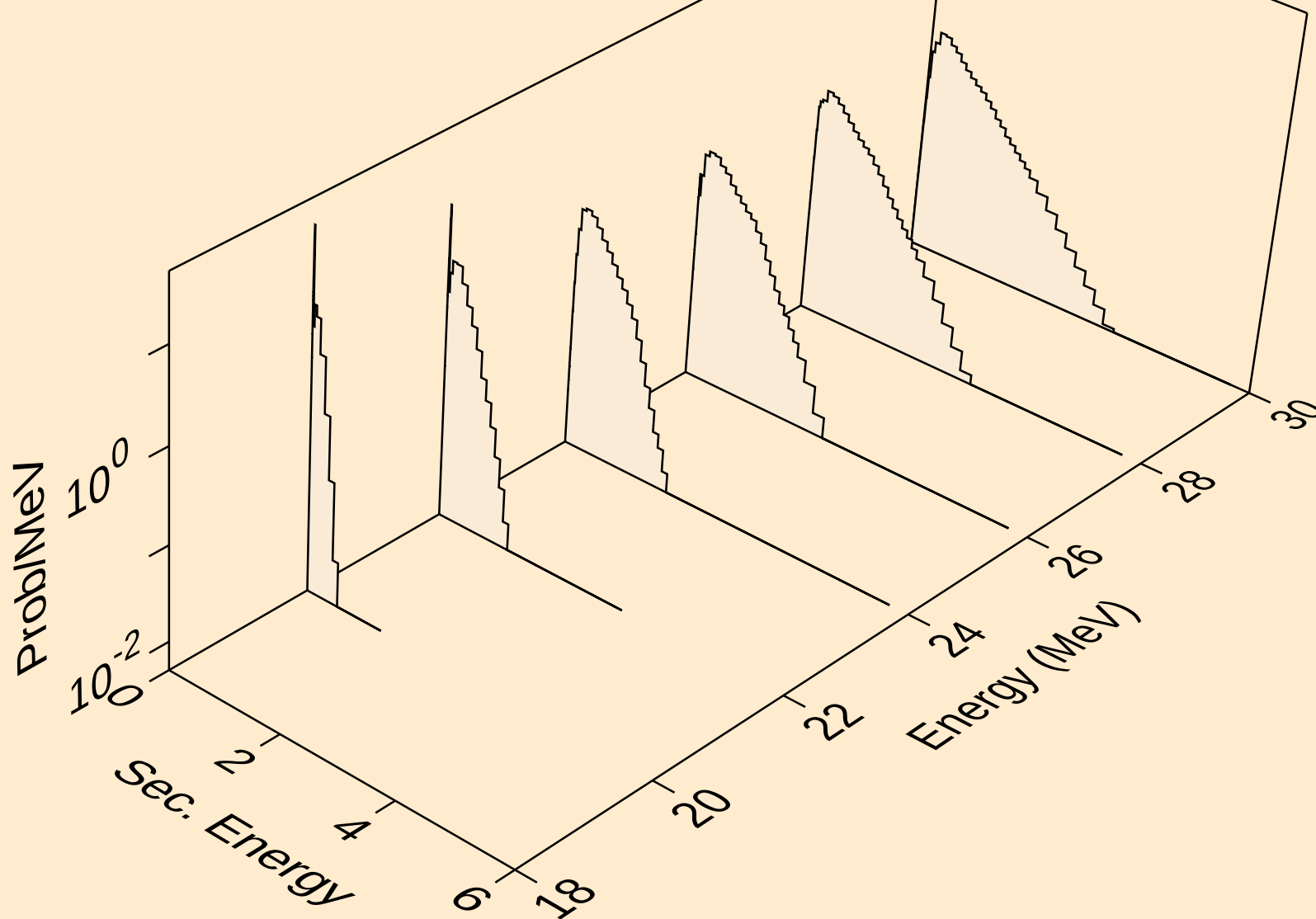
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



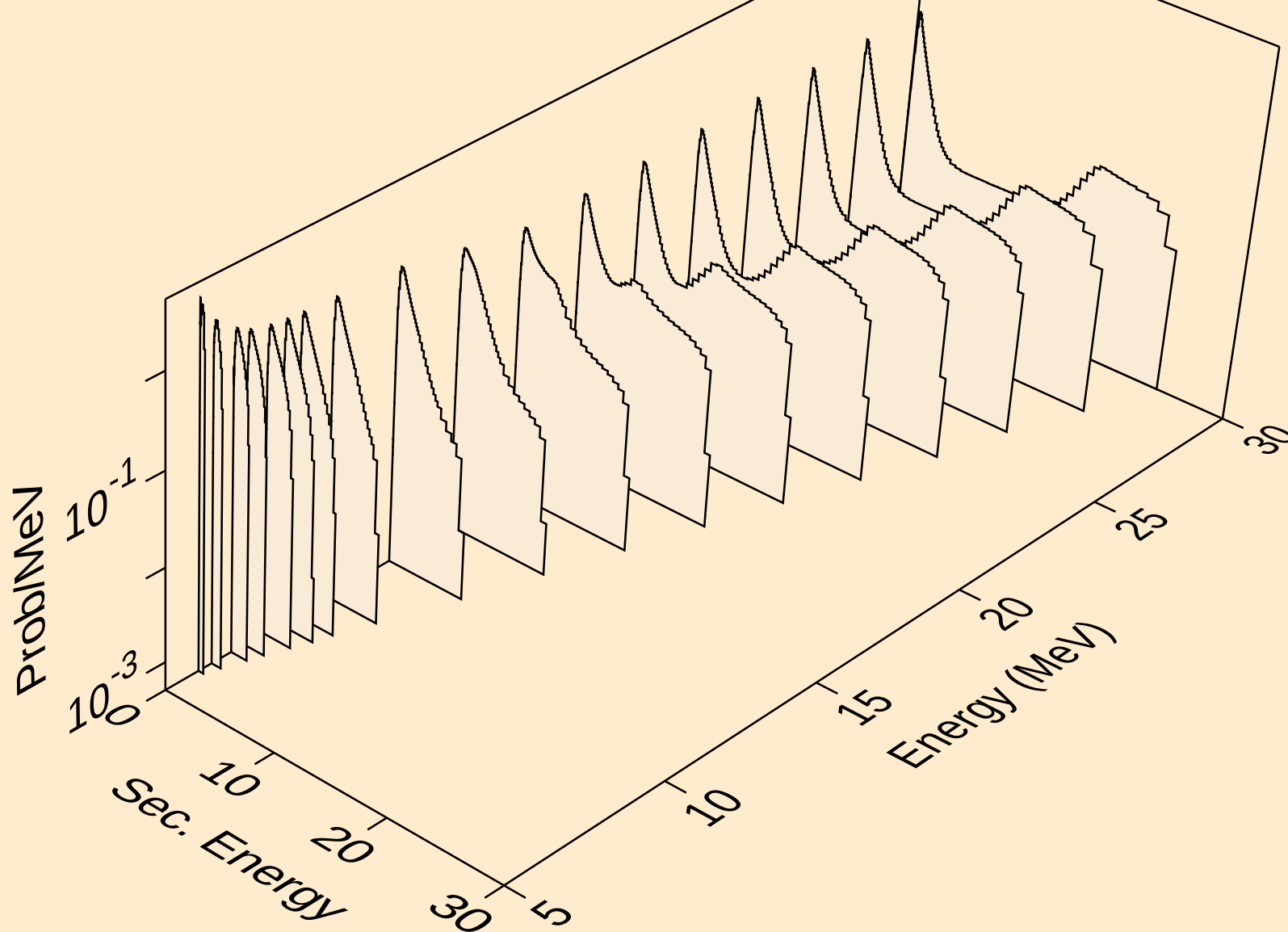
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



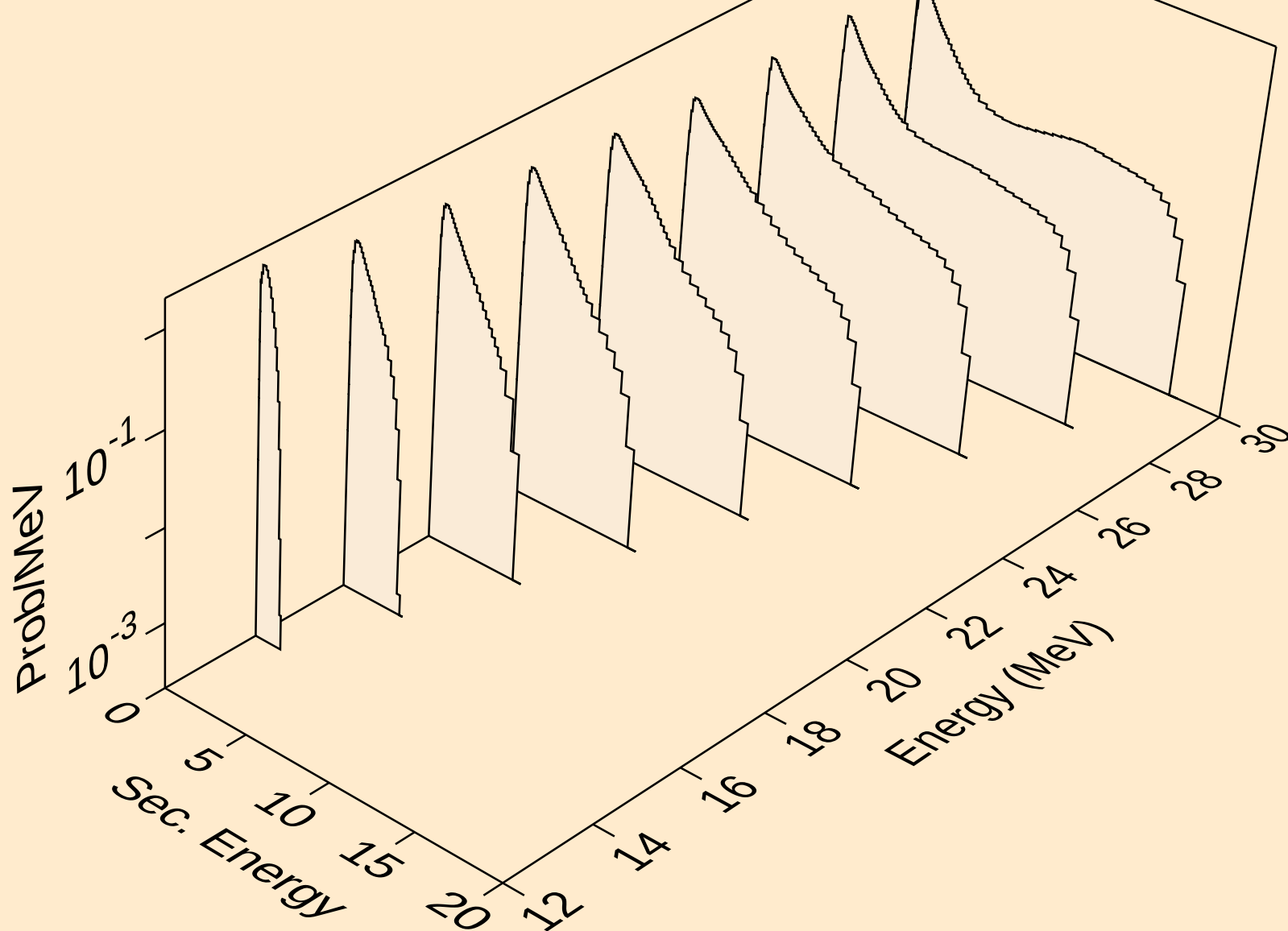
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



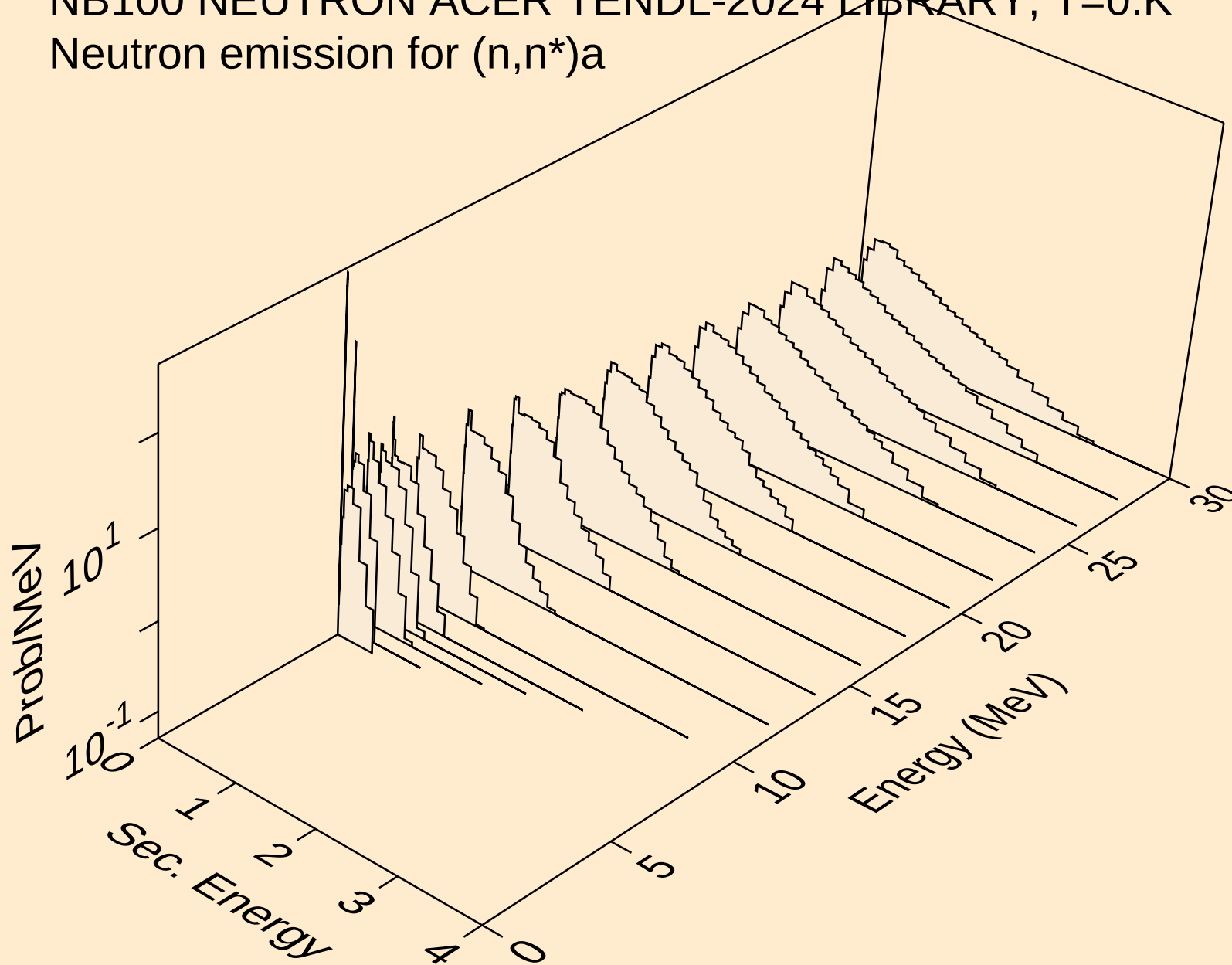
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

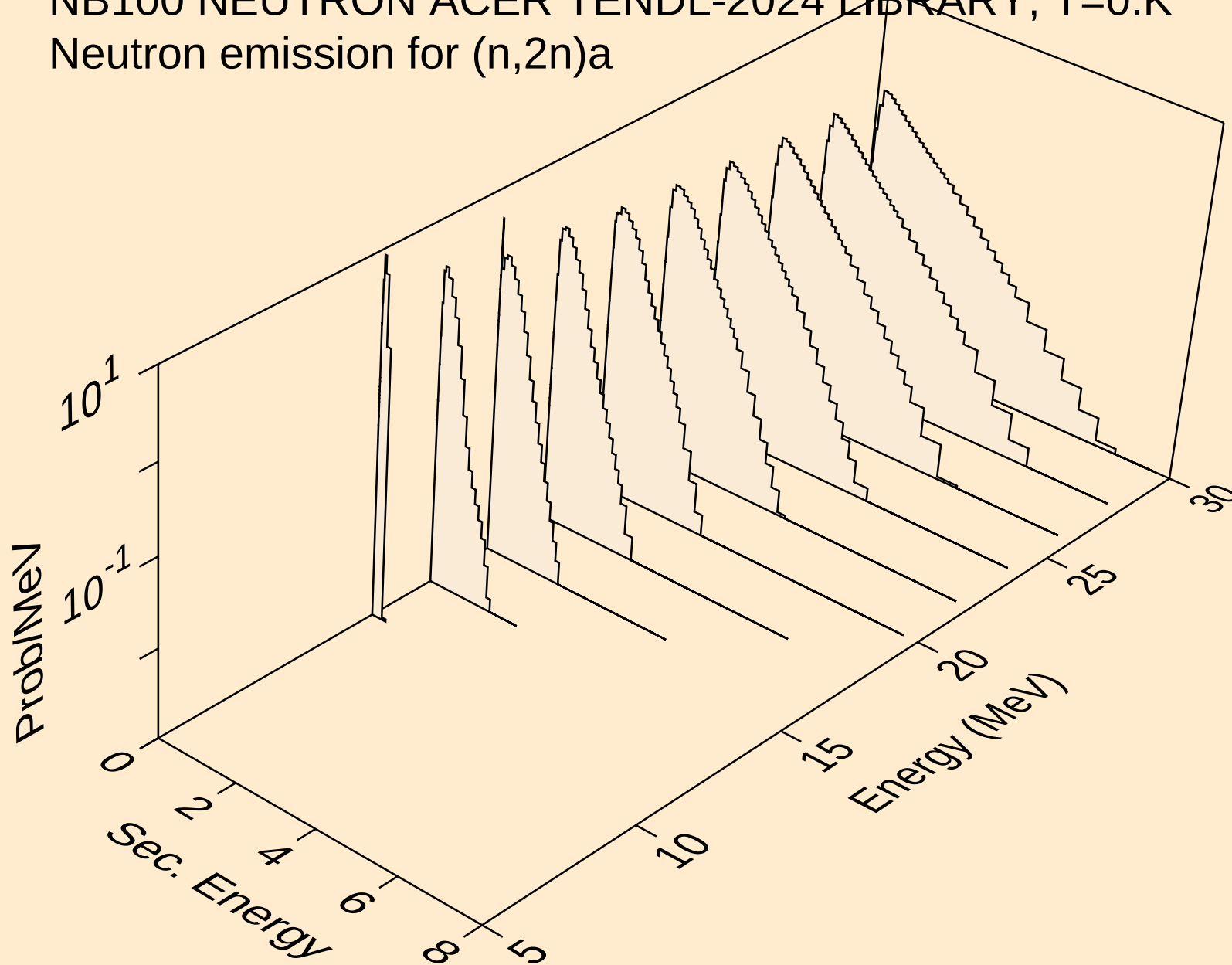


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

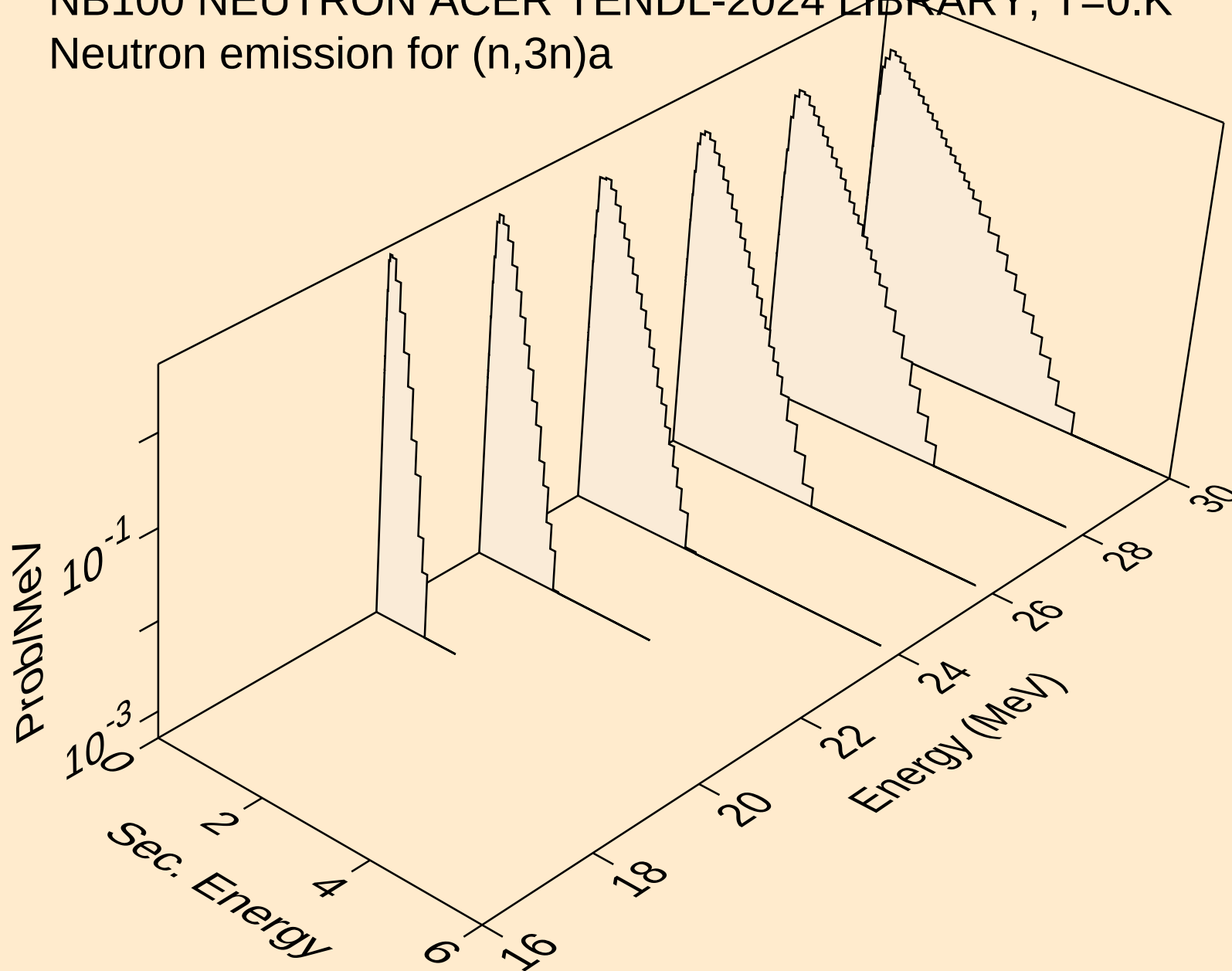




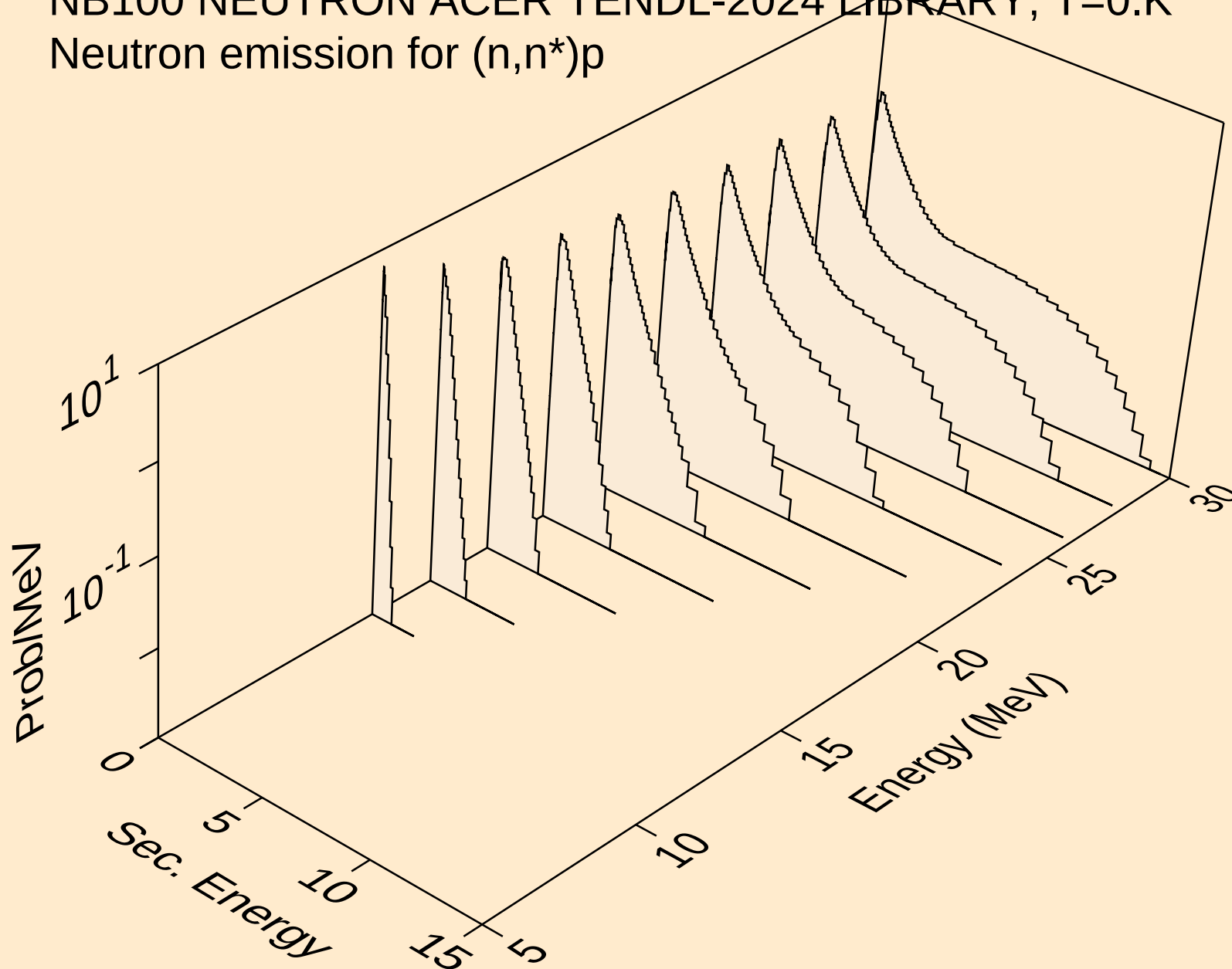
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Neutron emission for (n,2n)<sub>a</sub>



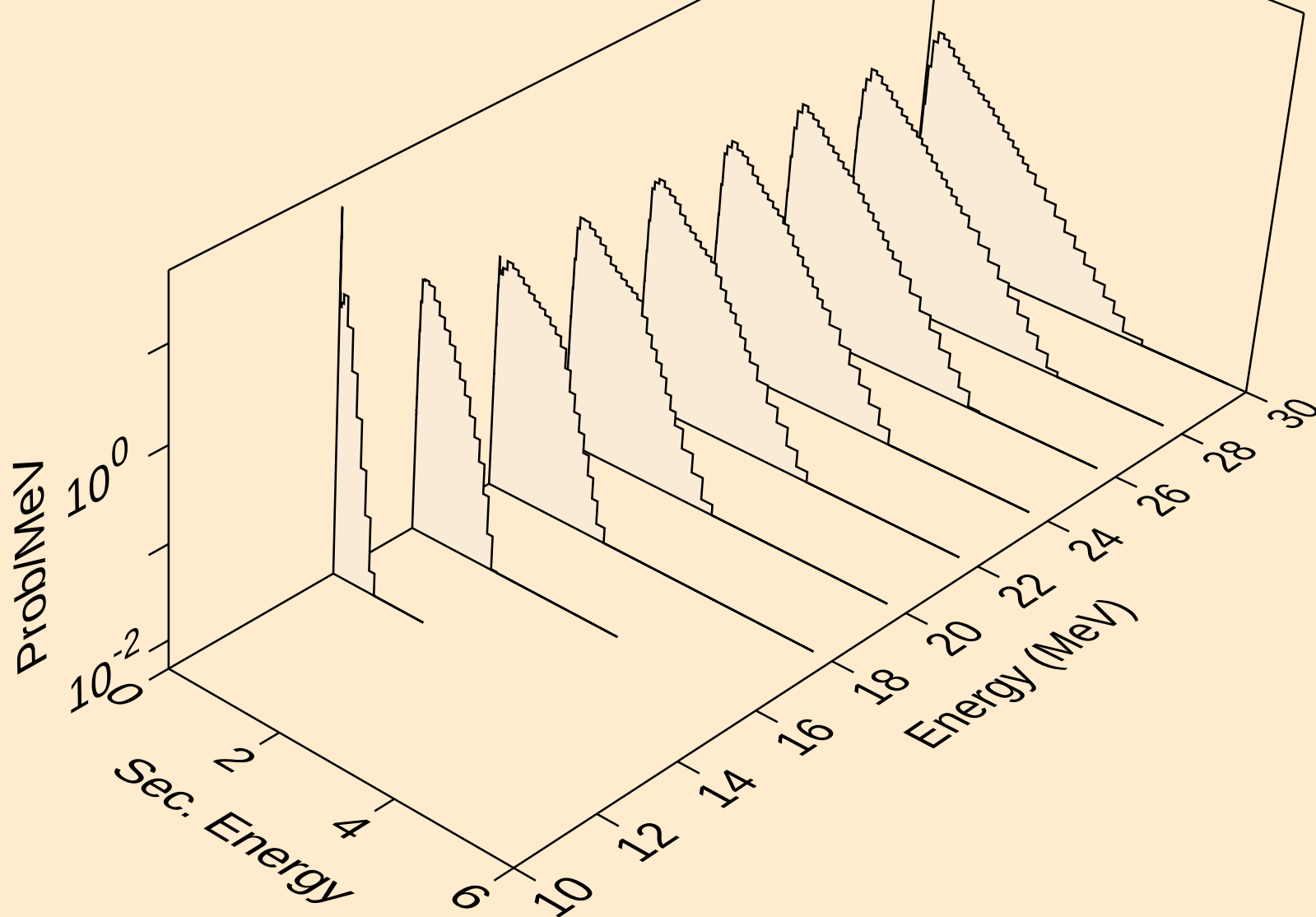
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Neutron emission for (n,3n)a



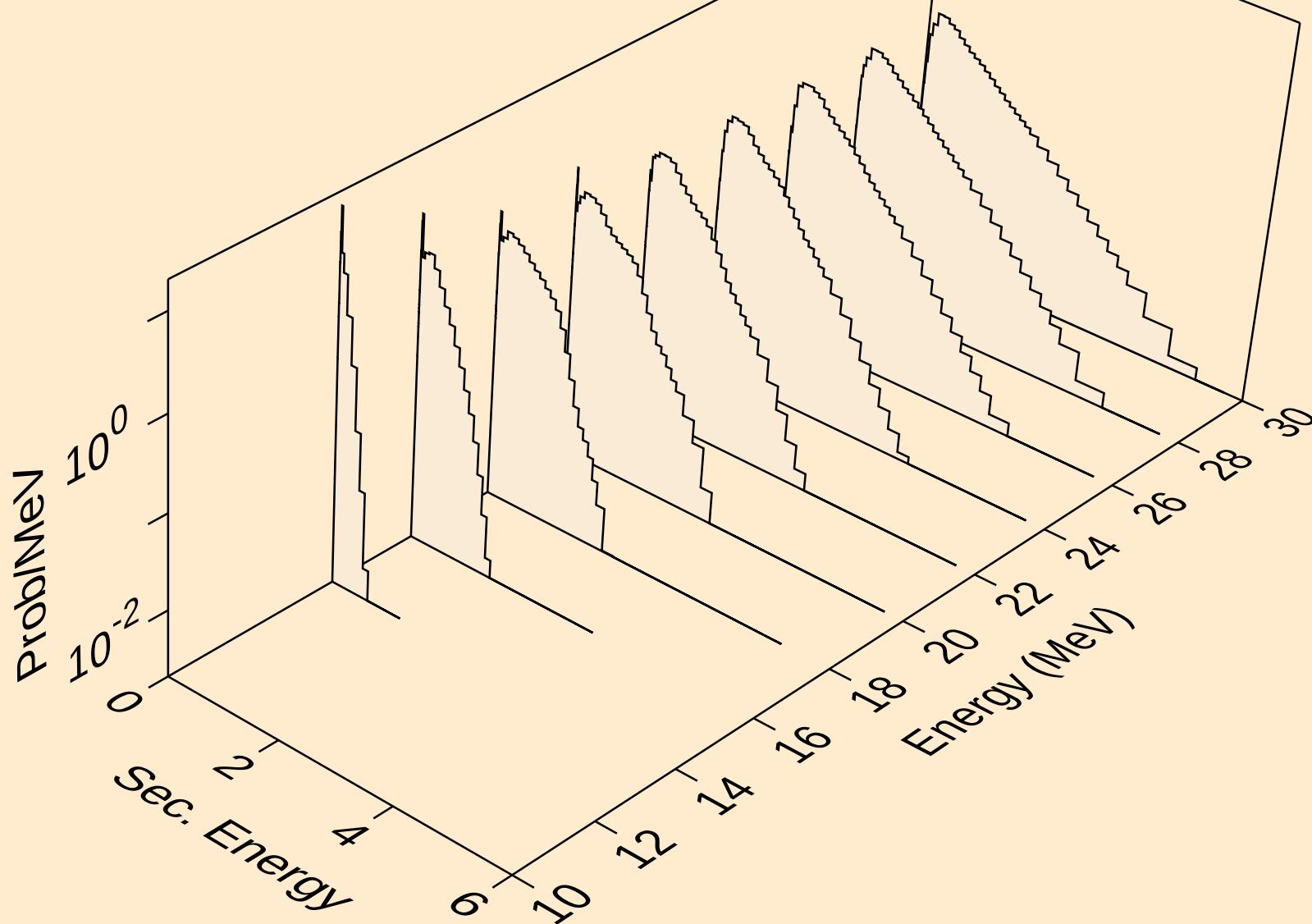
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Neutron emission for (n,n\*)p



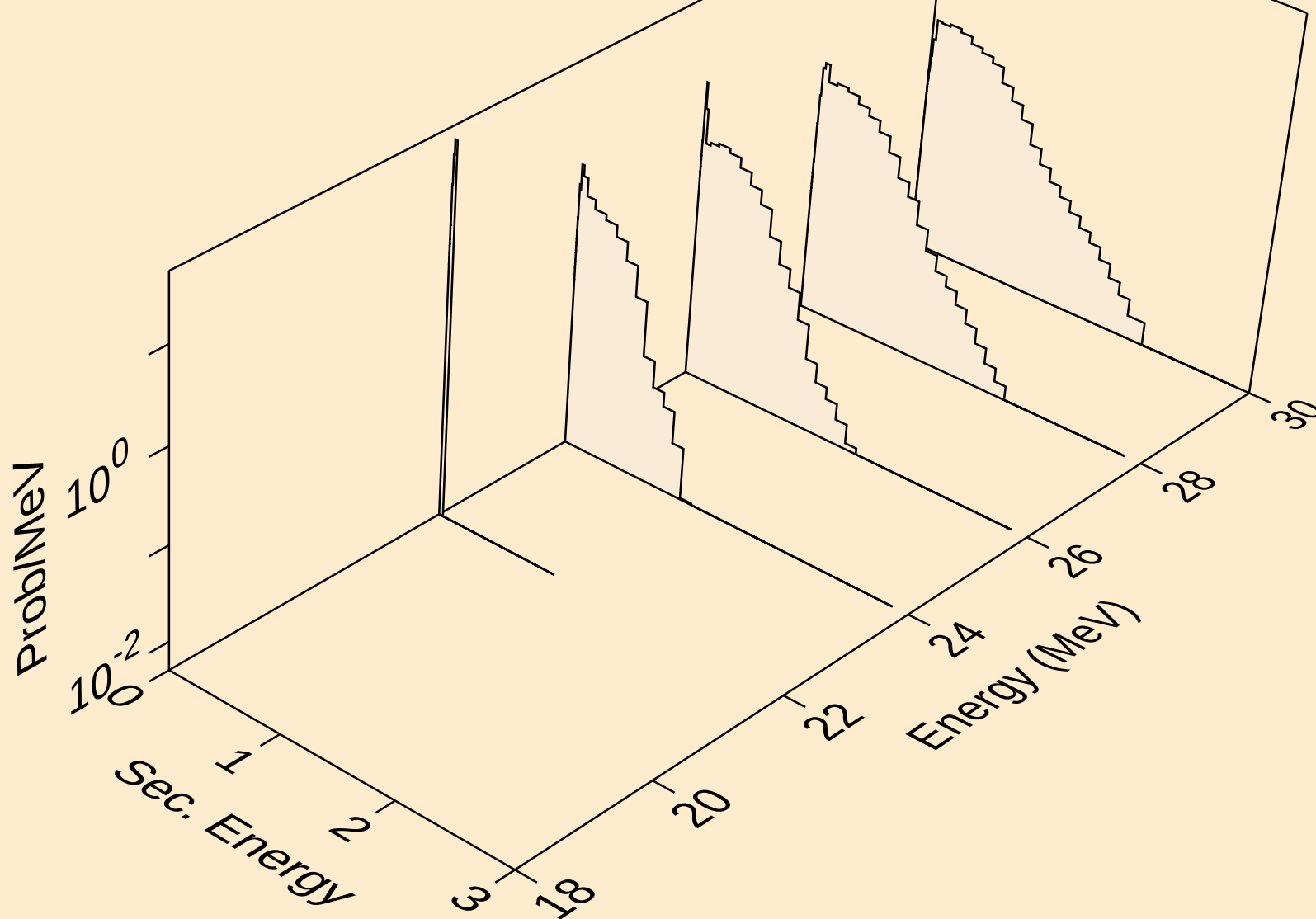
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



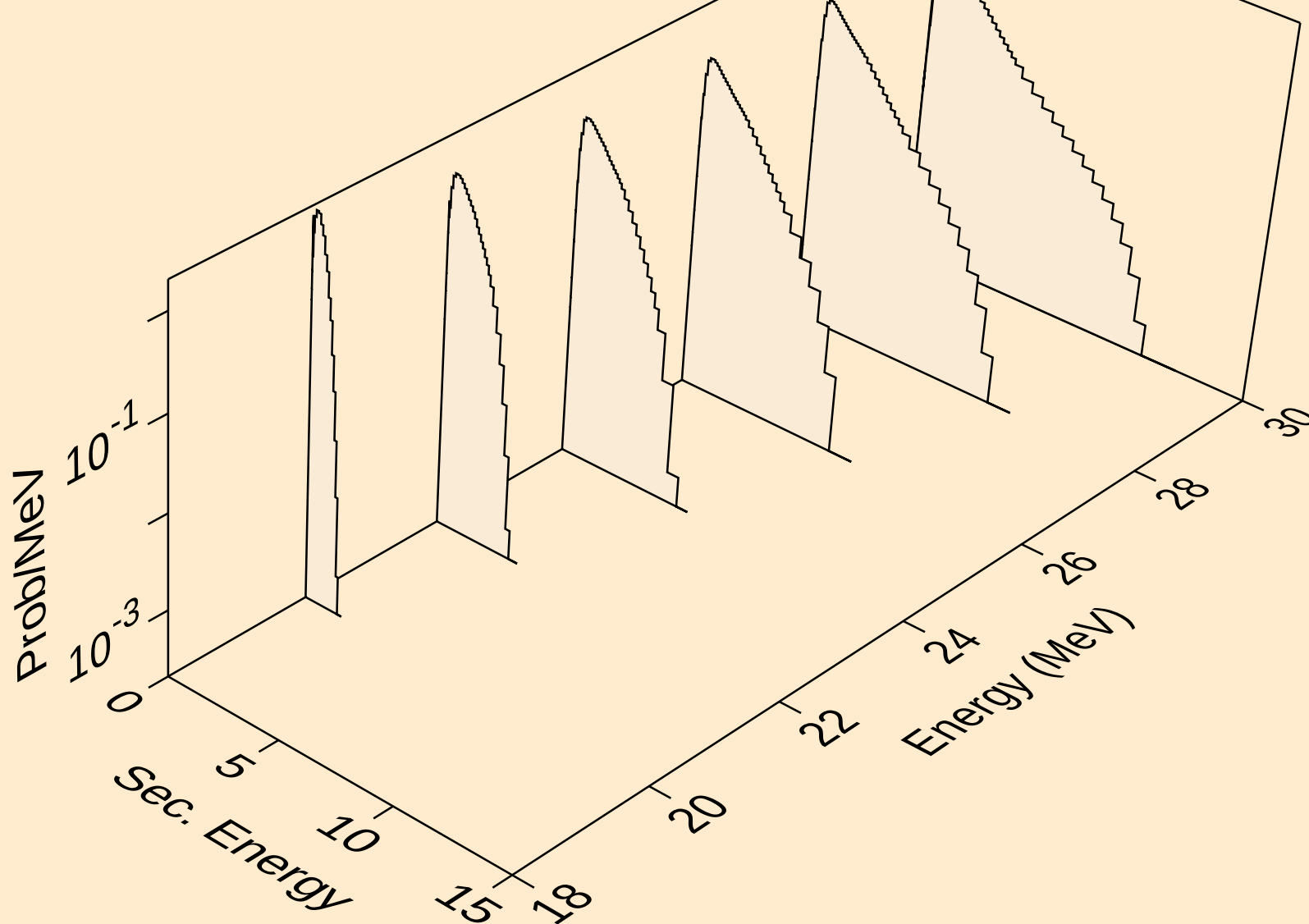
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



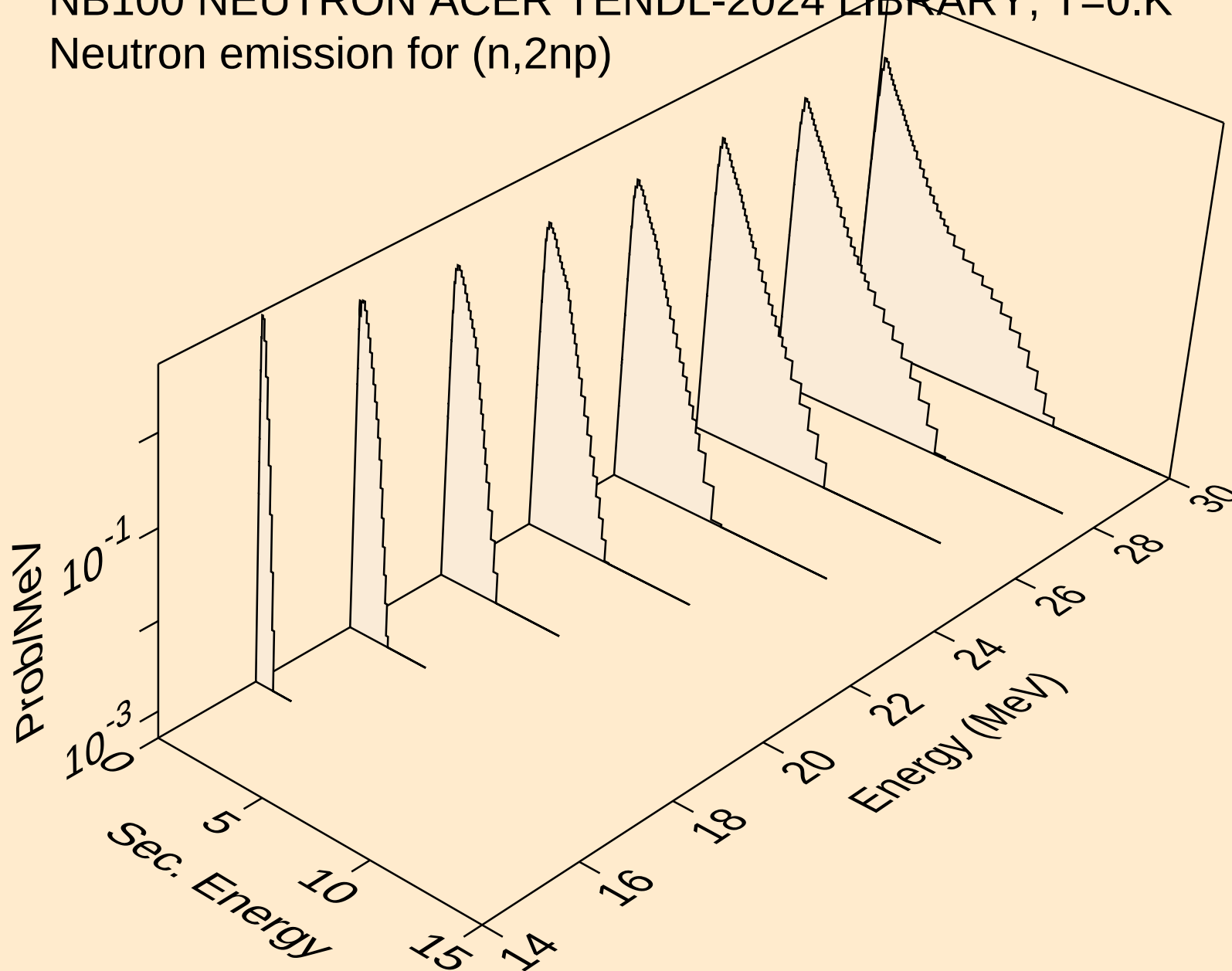
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

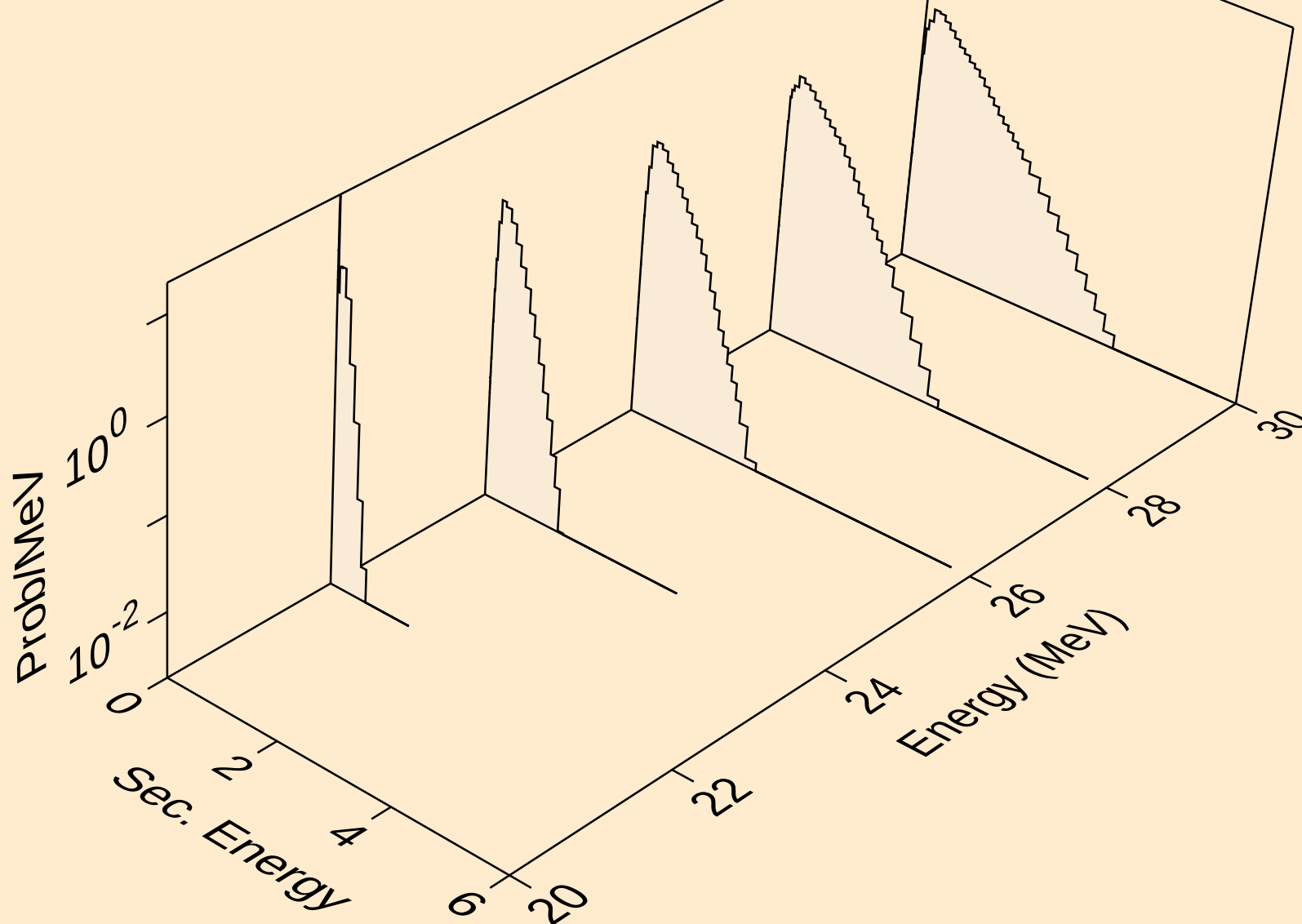


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

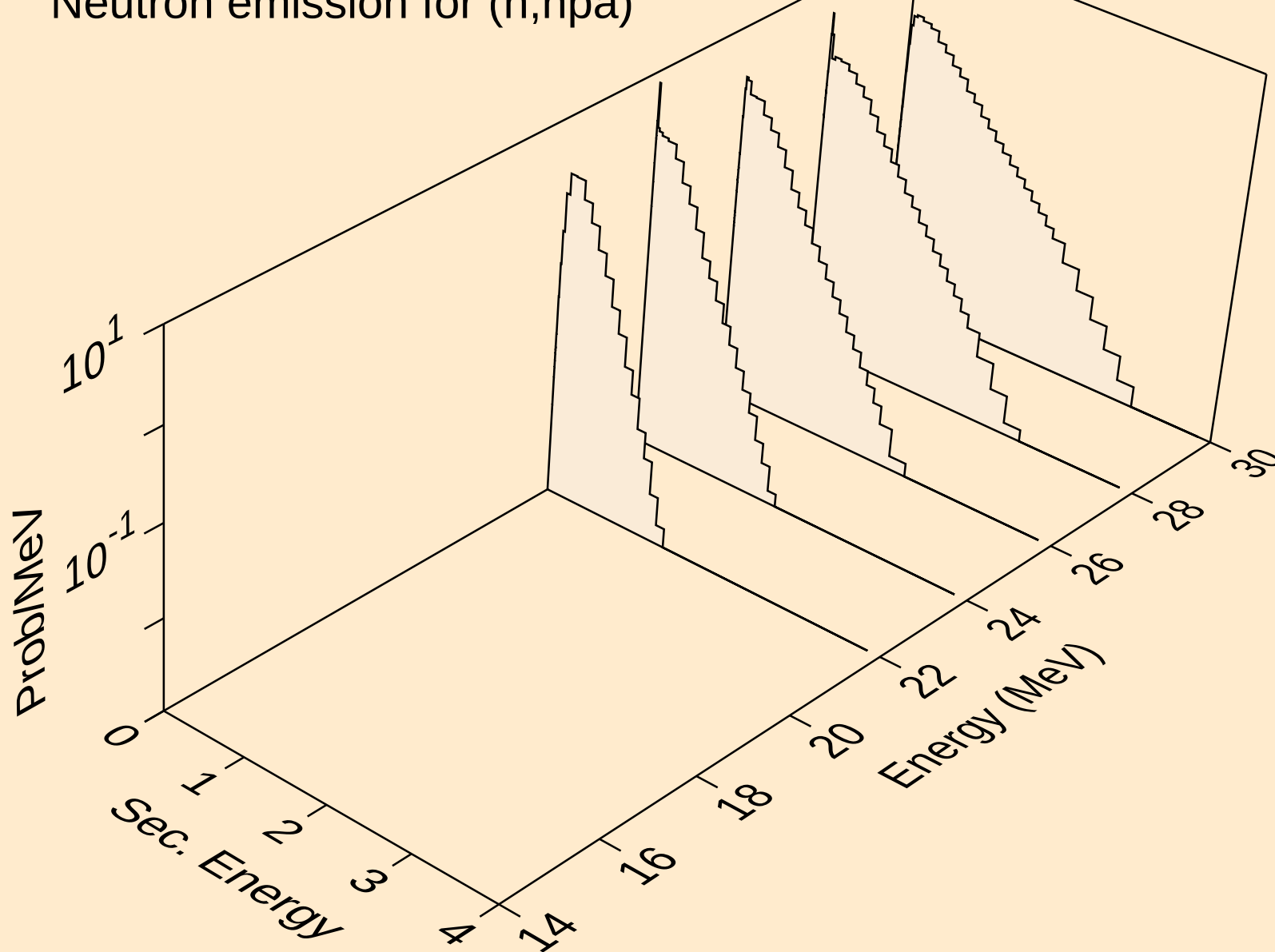




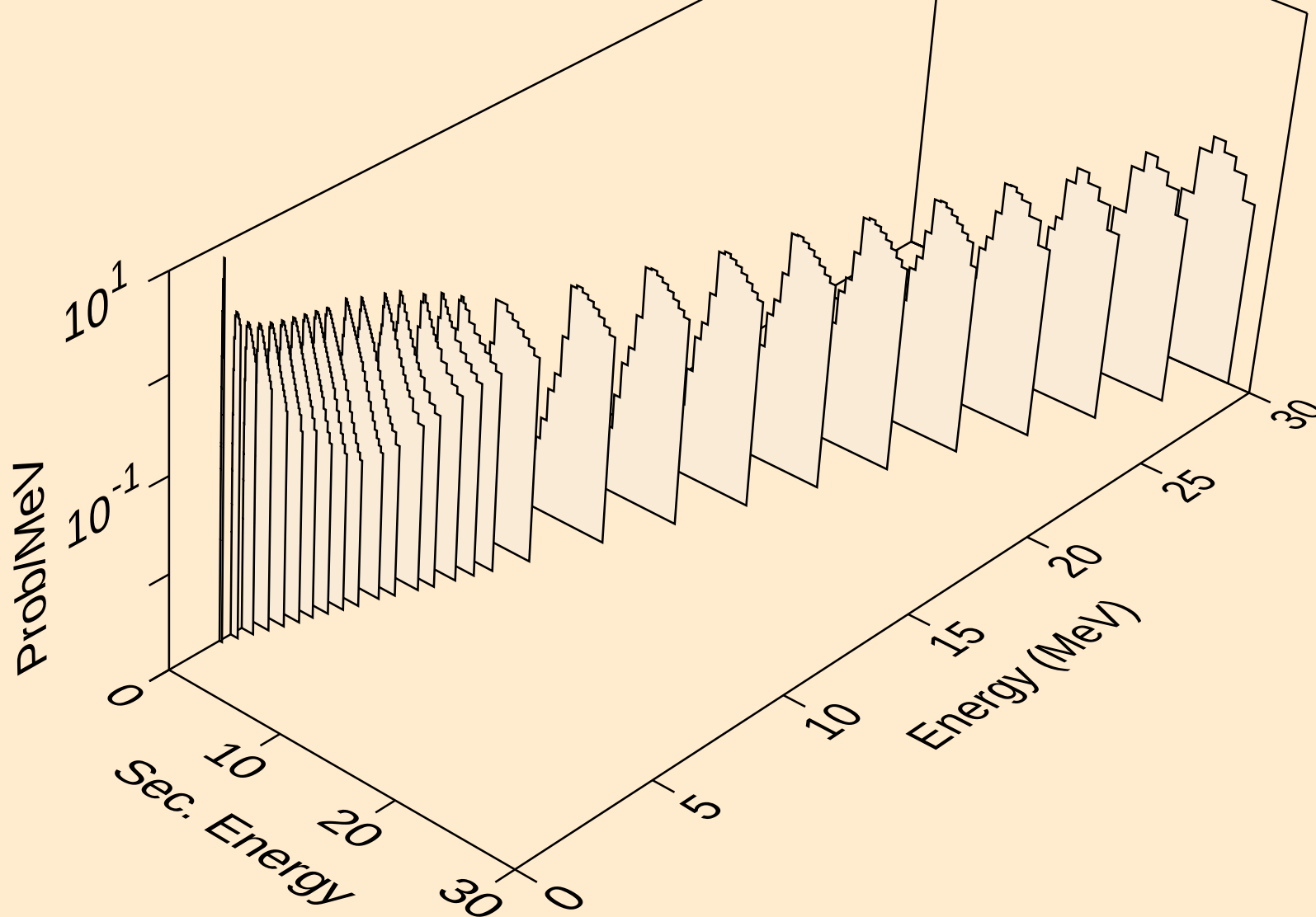
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Neutron emission for (n,3np)



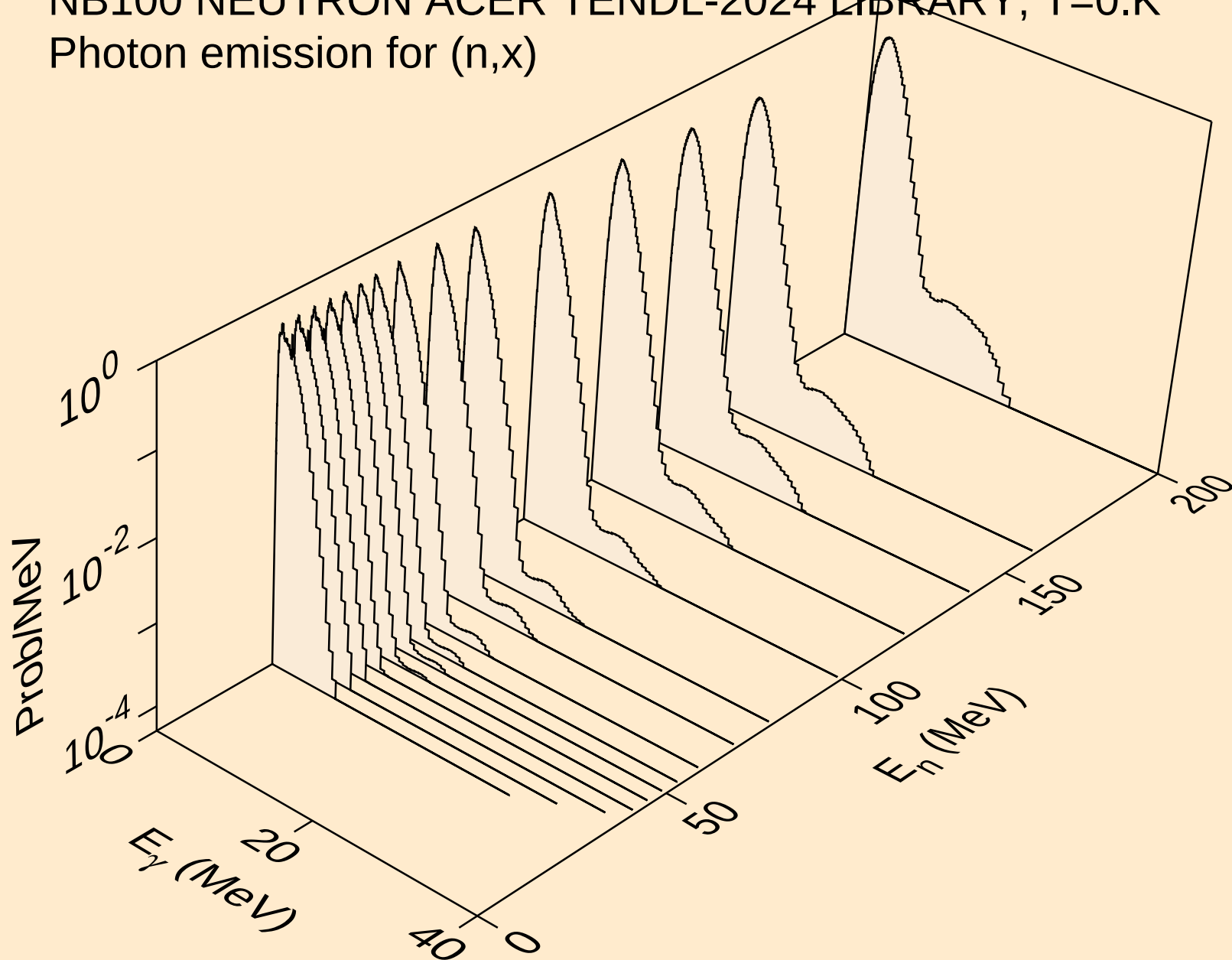
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



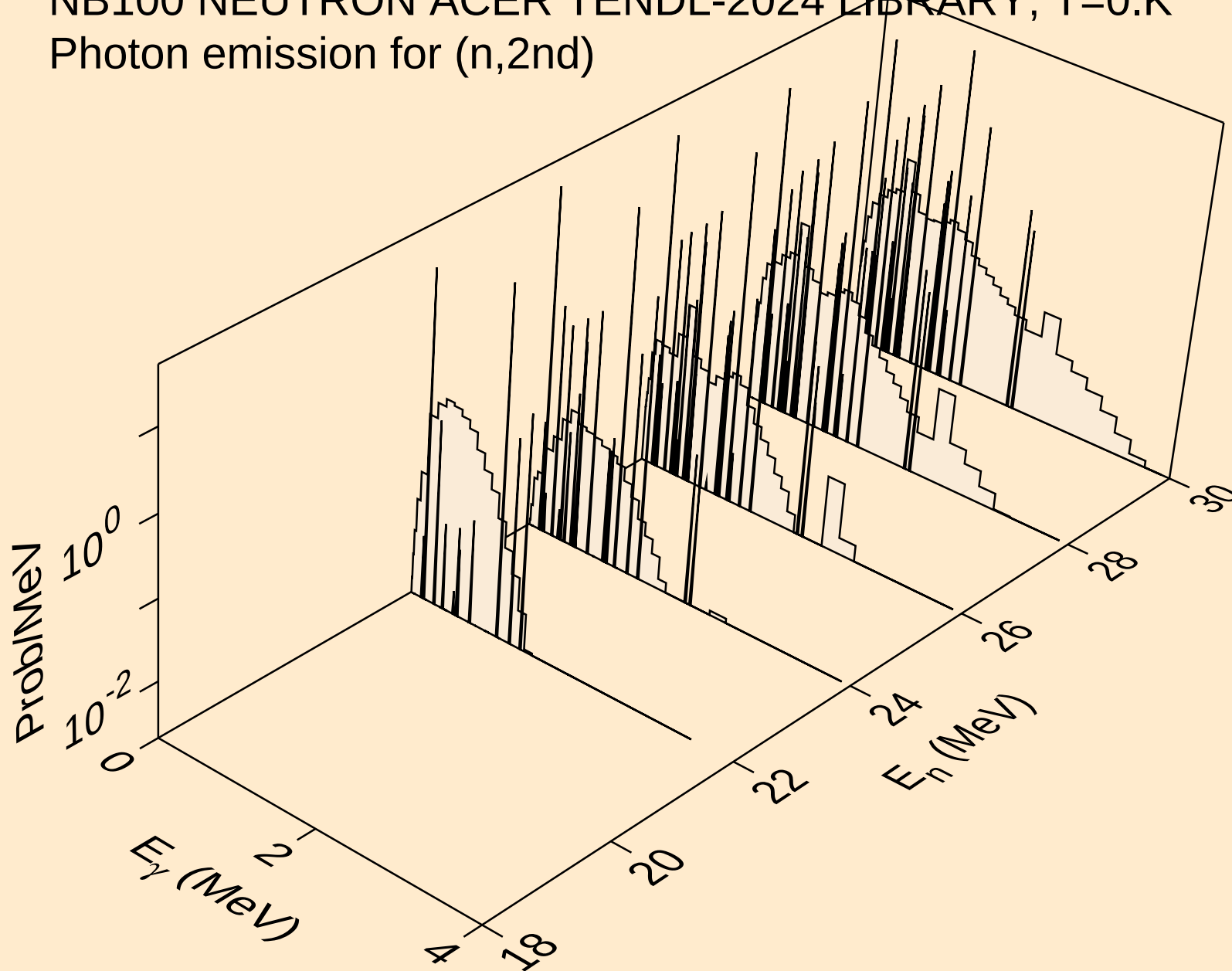
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



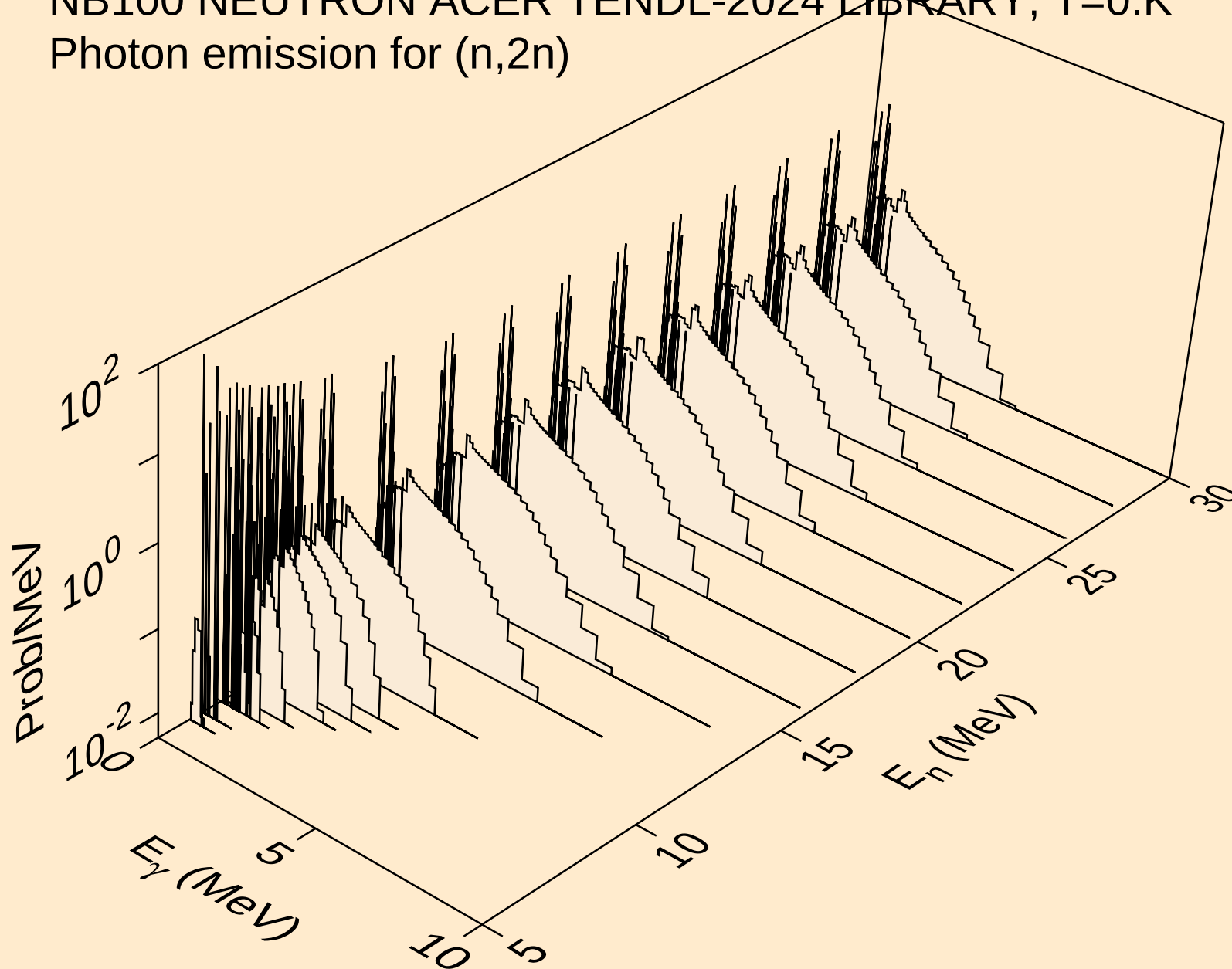
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



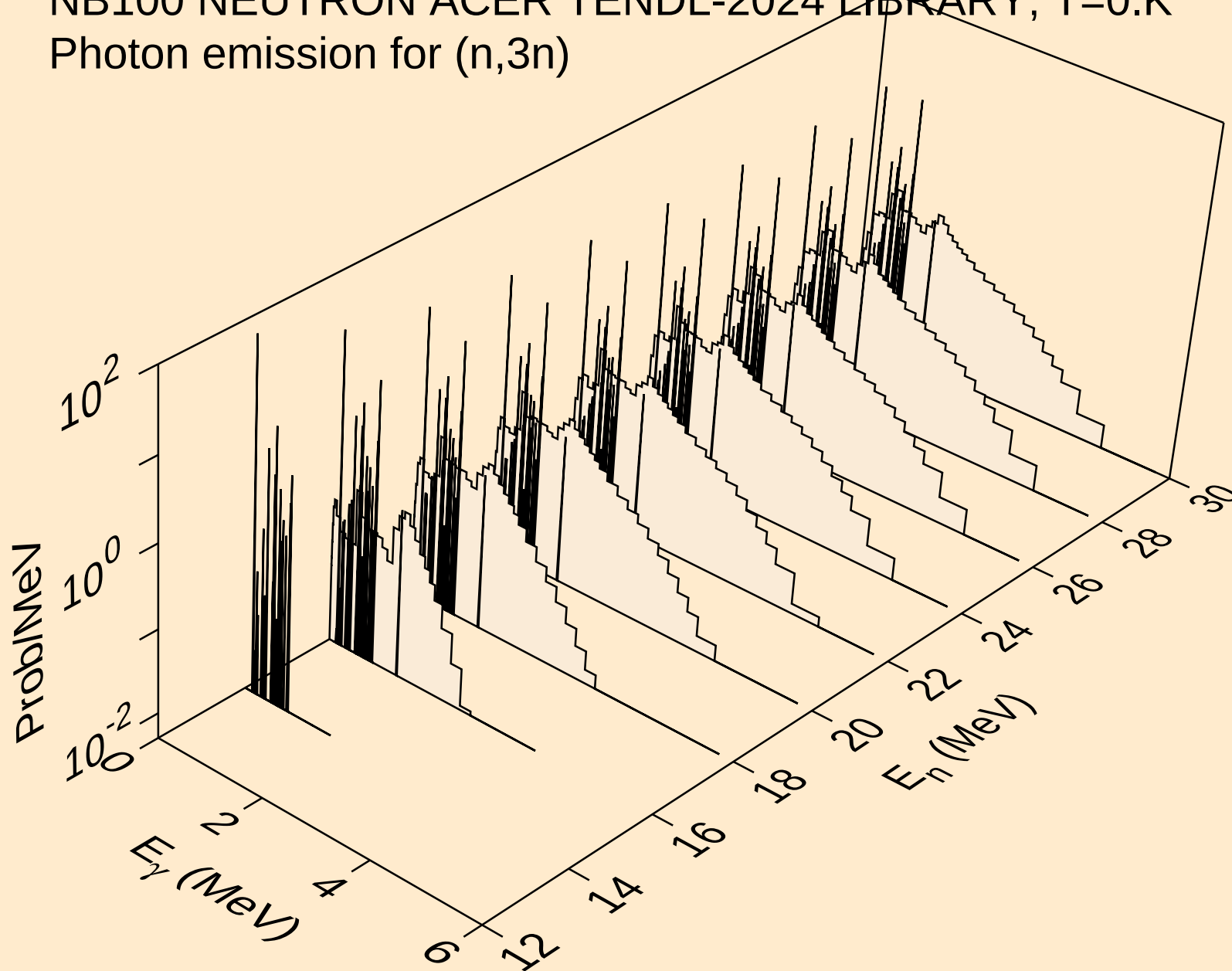
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Photon emission for (n,2nd)



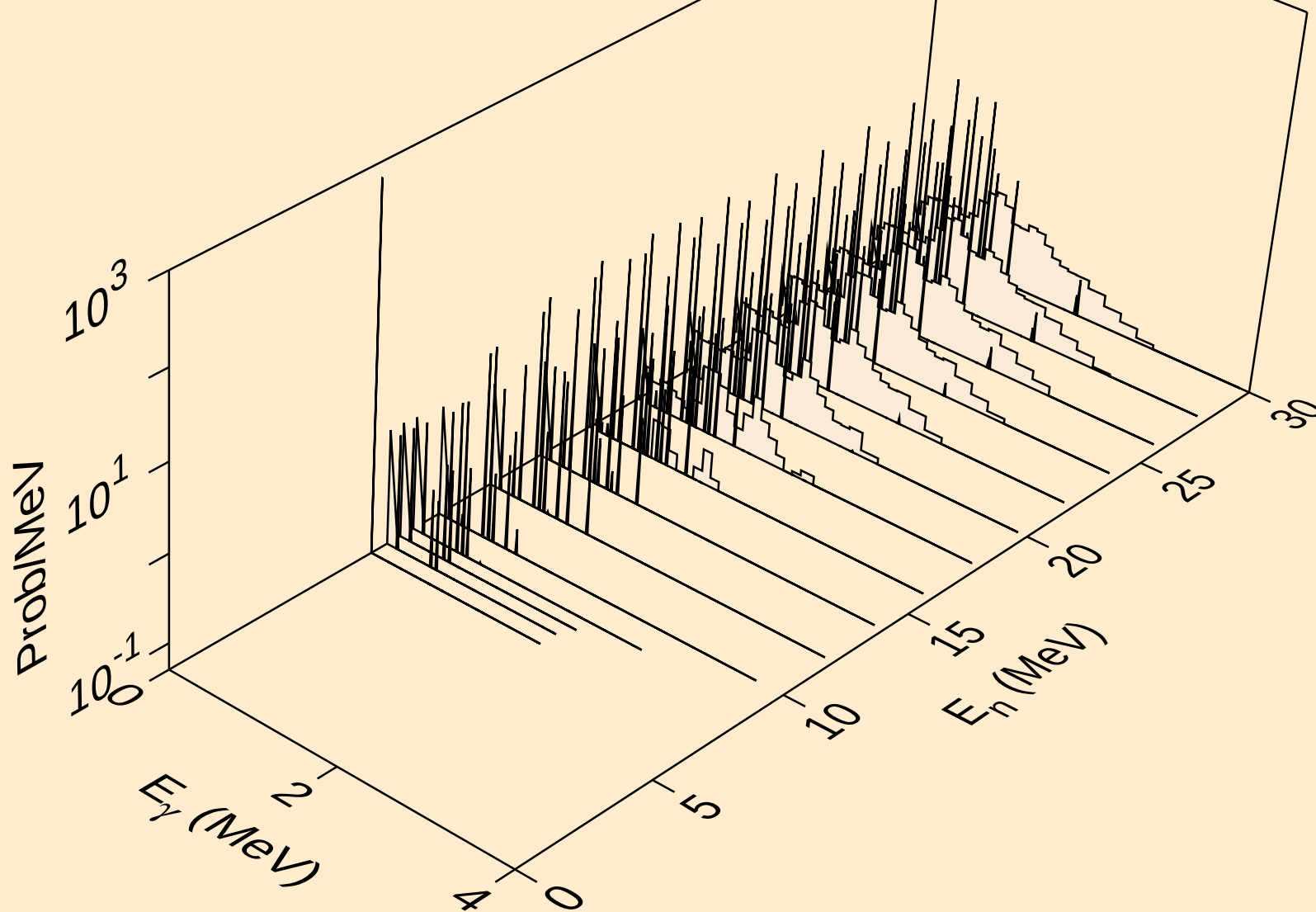
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Photon emission for (n,2n)



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

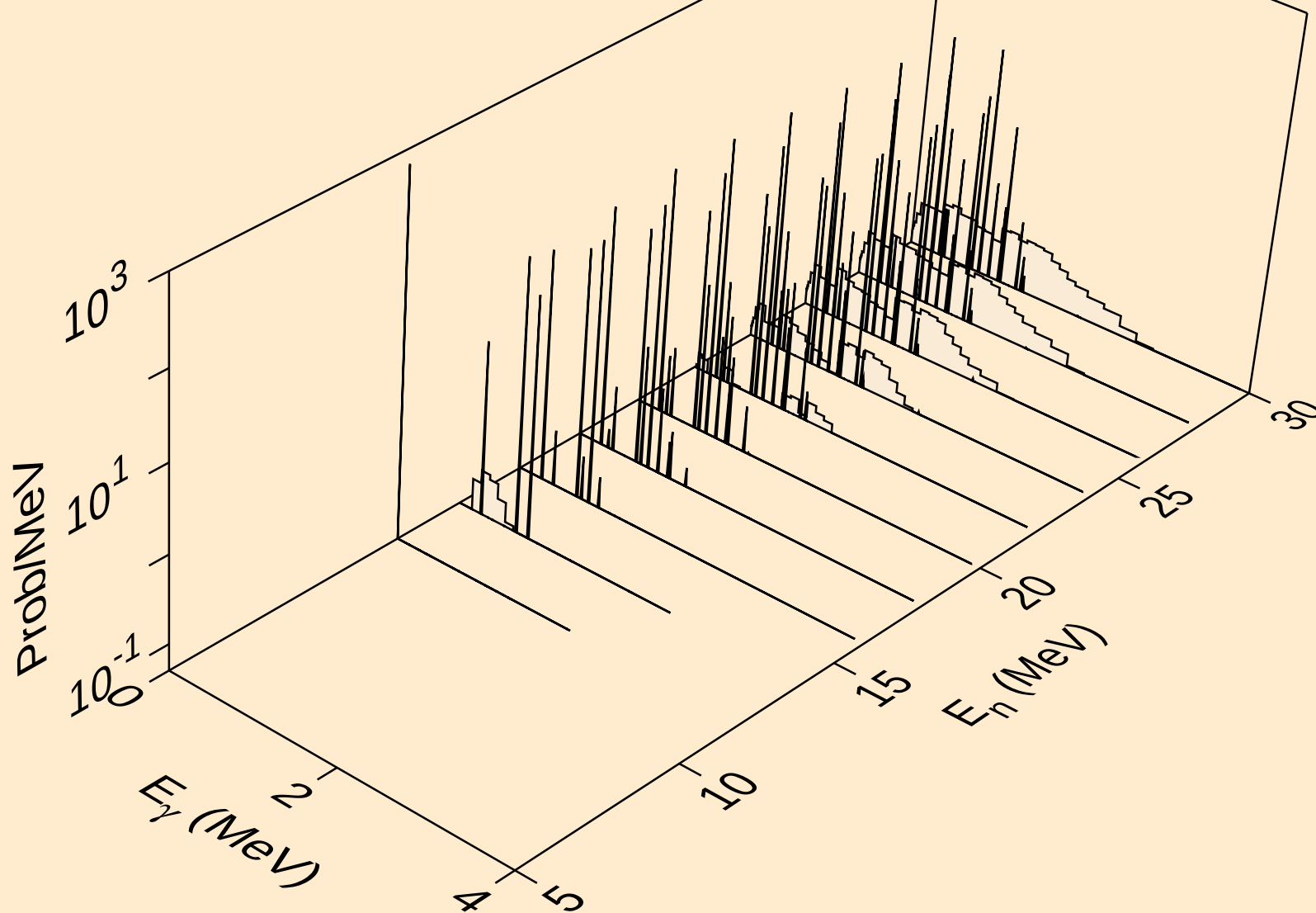


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

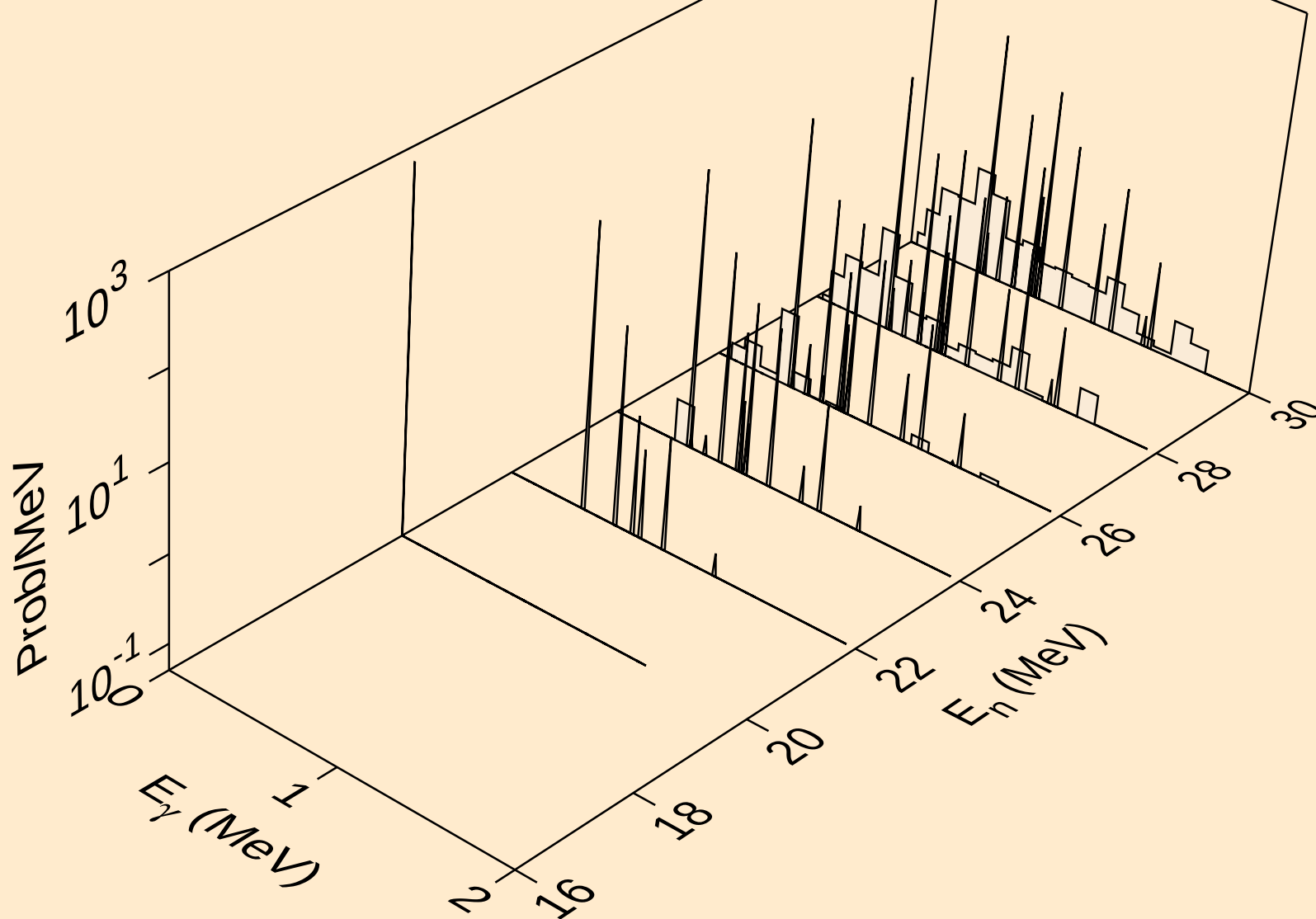




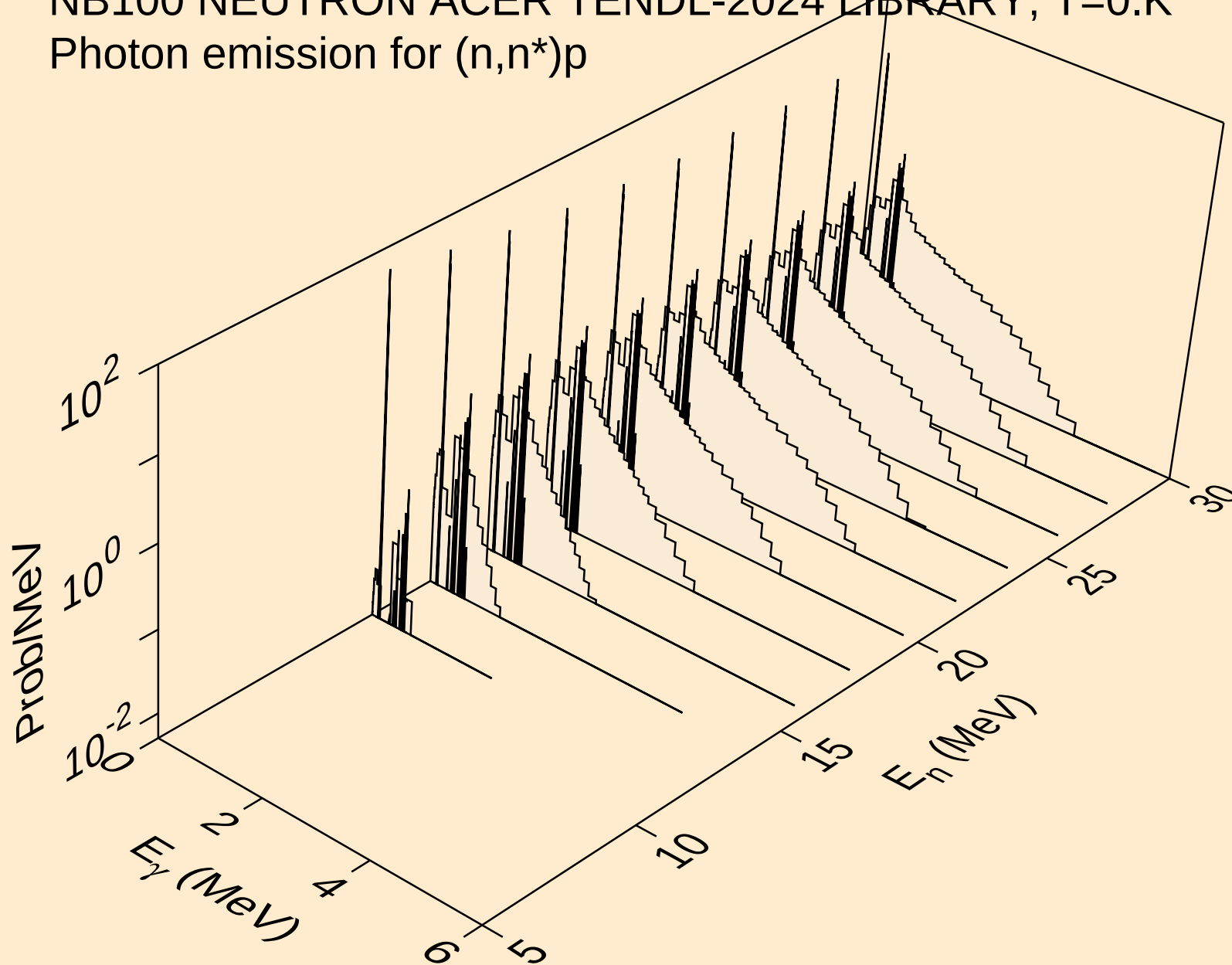
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Photon emission for (n,2n)a



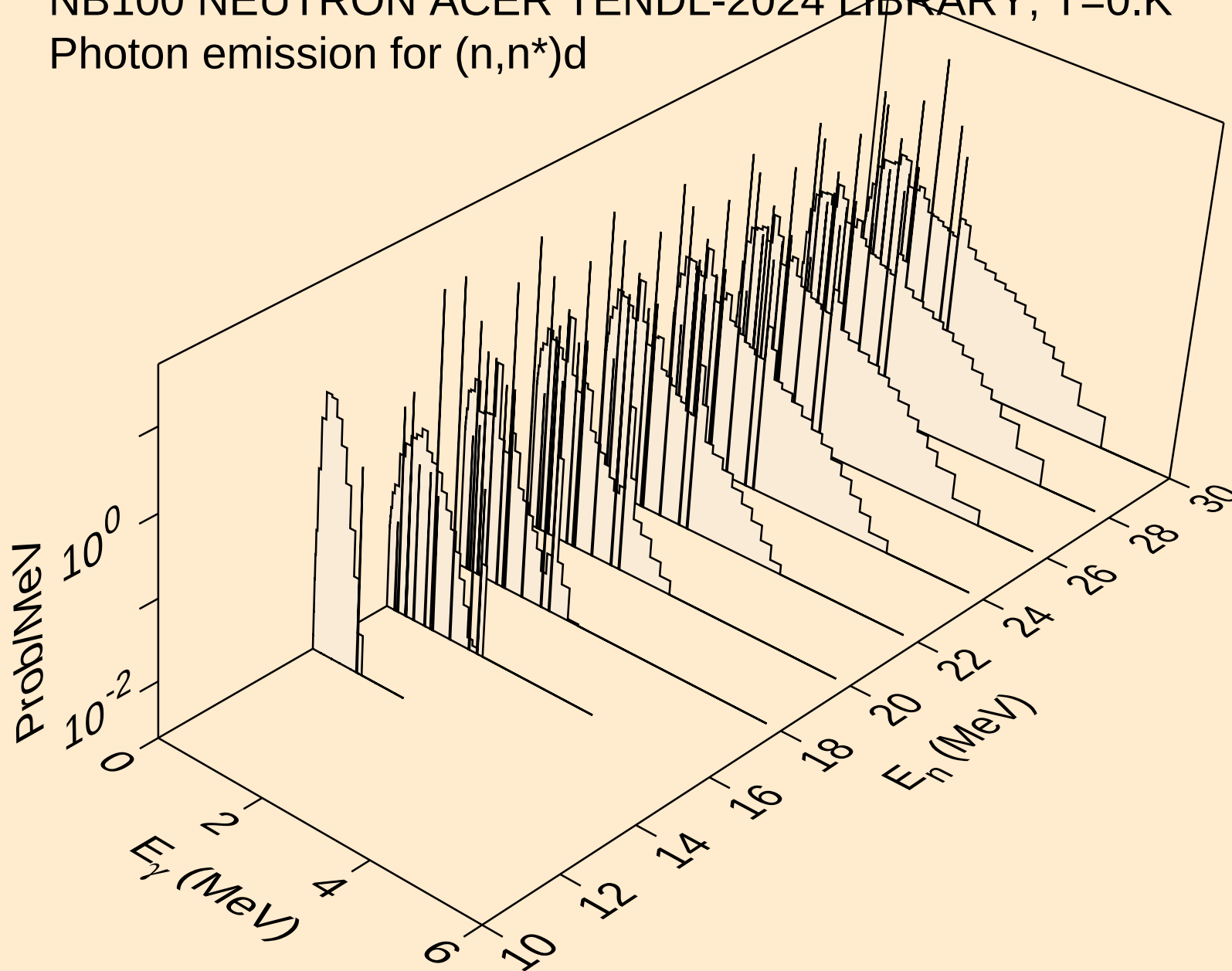
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$



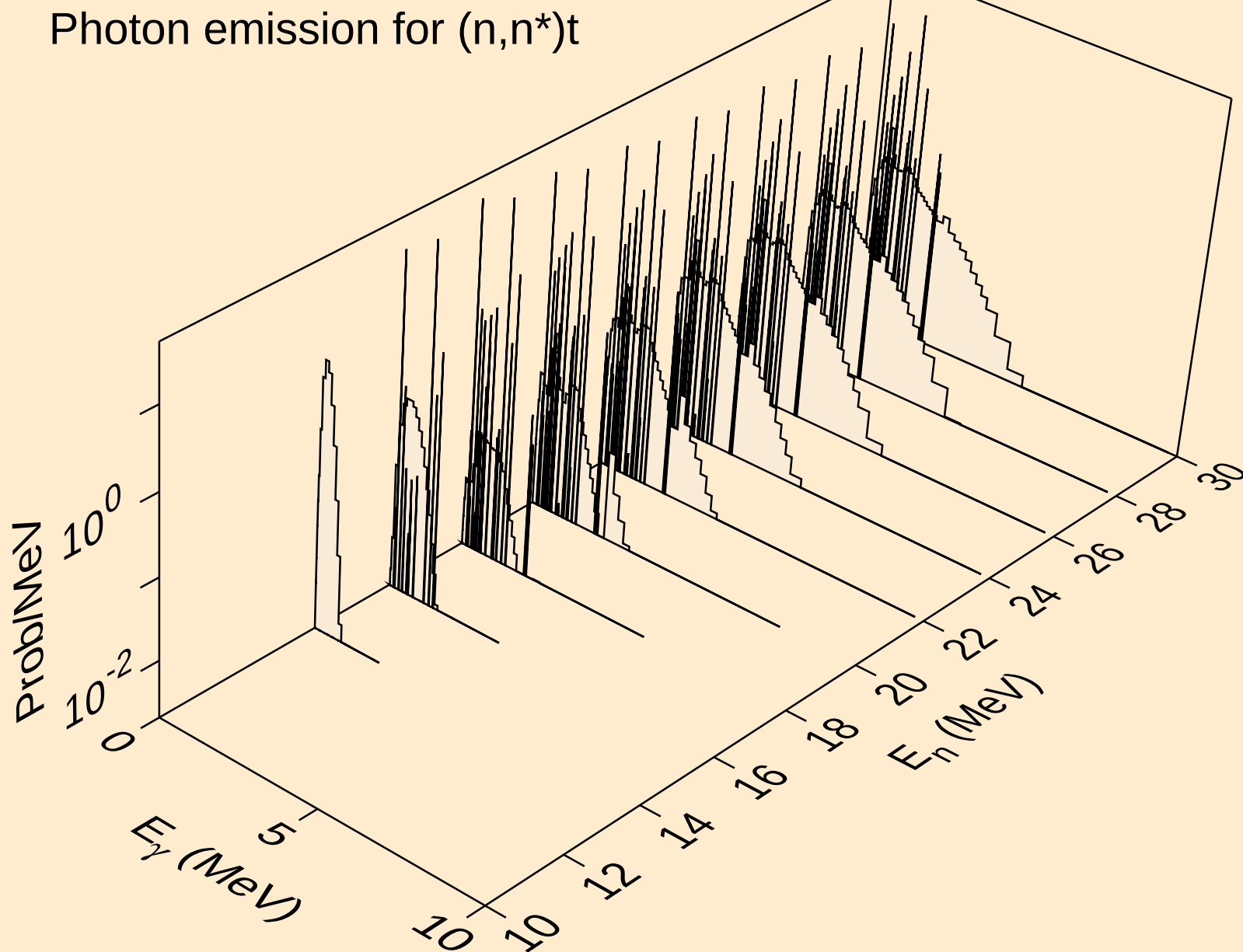
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



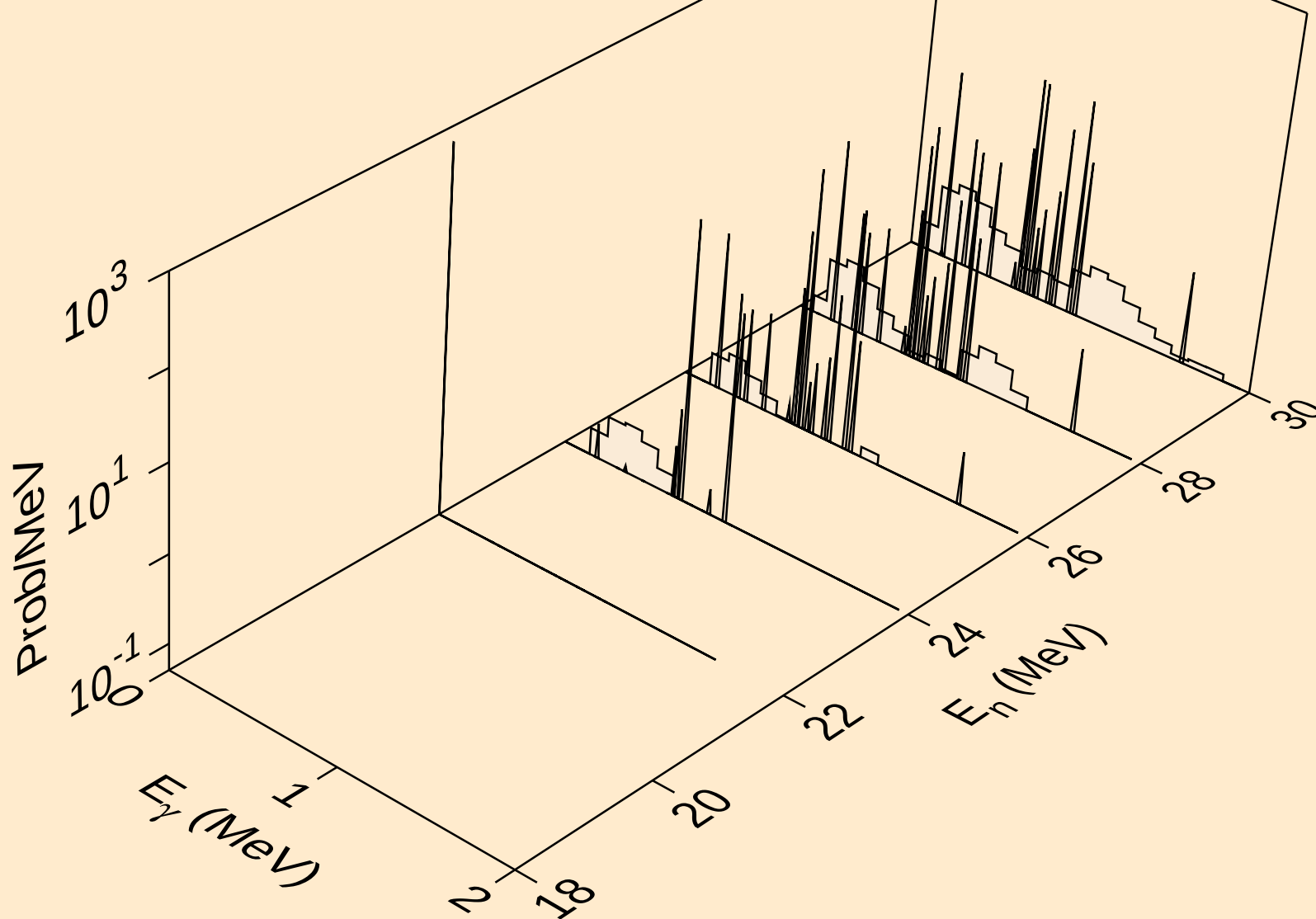
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



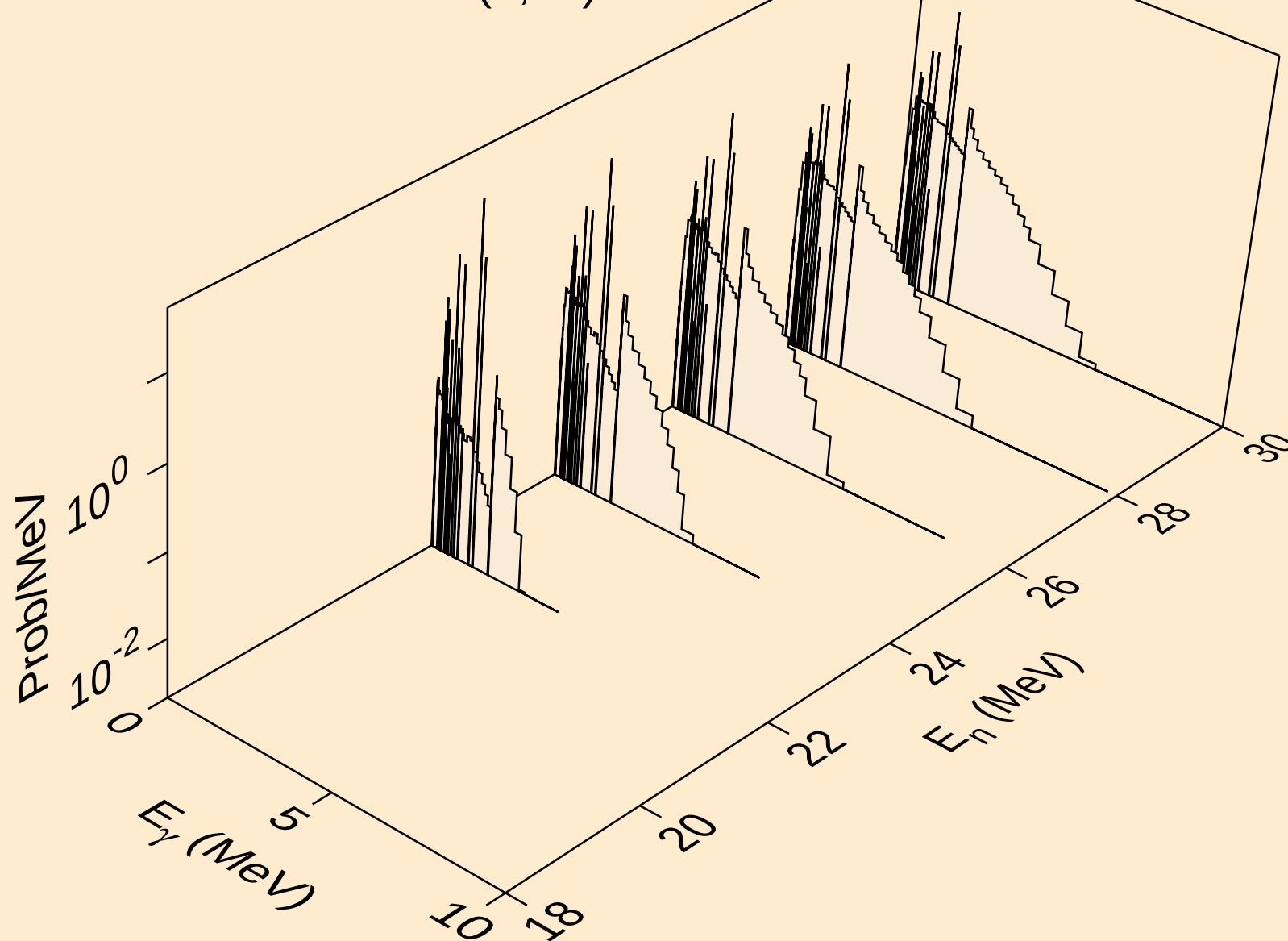
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



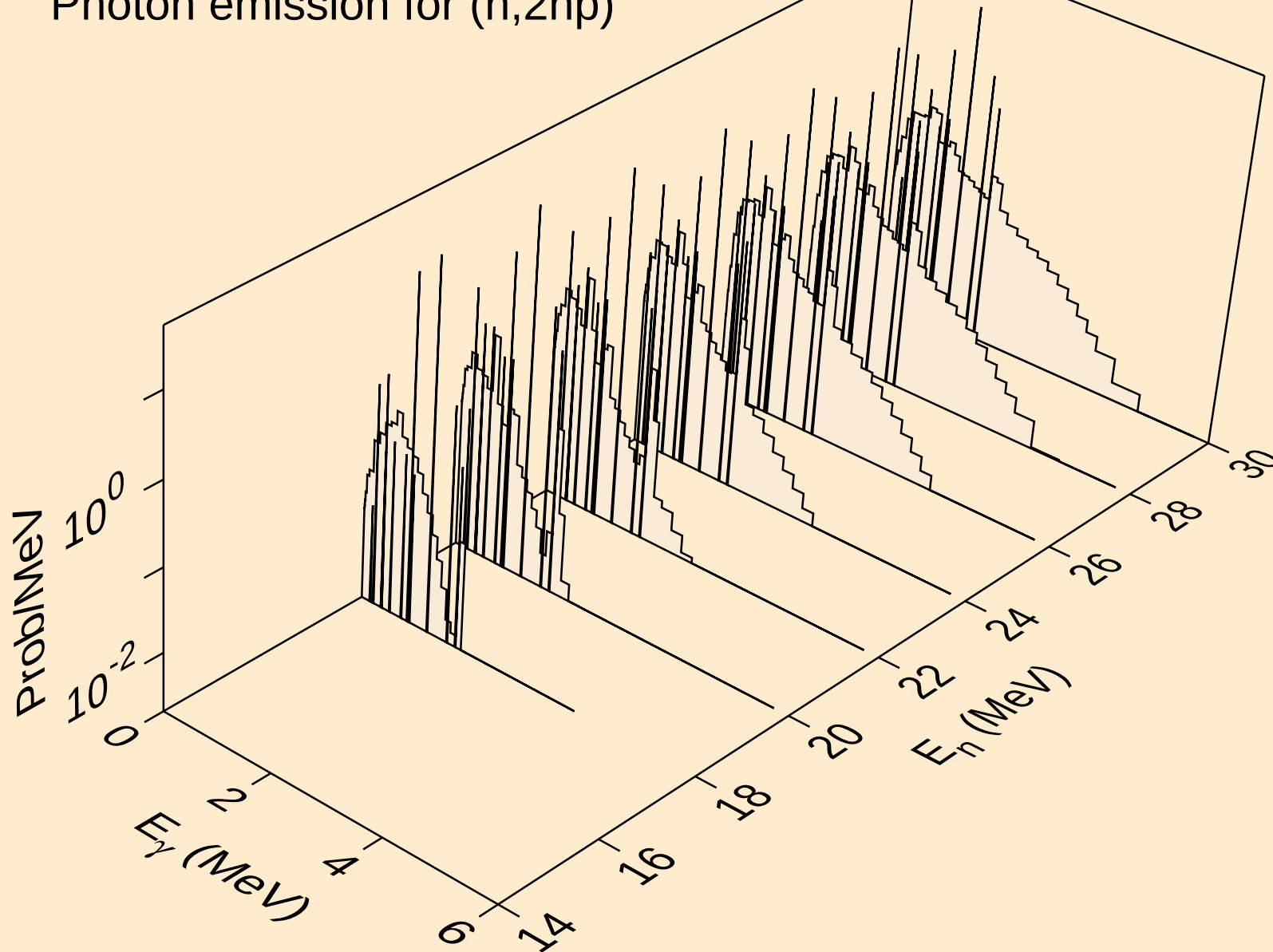
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

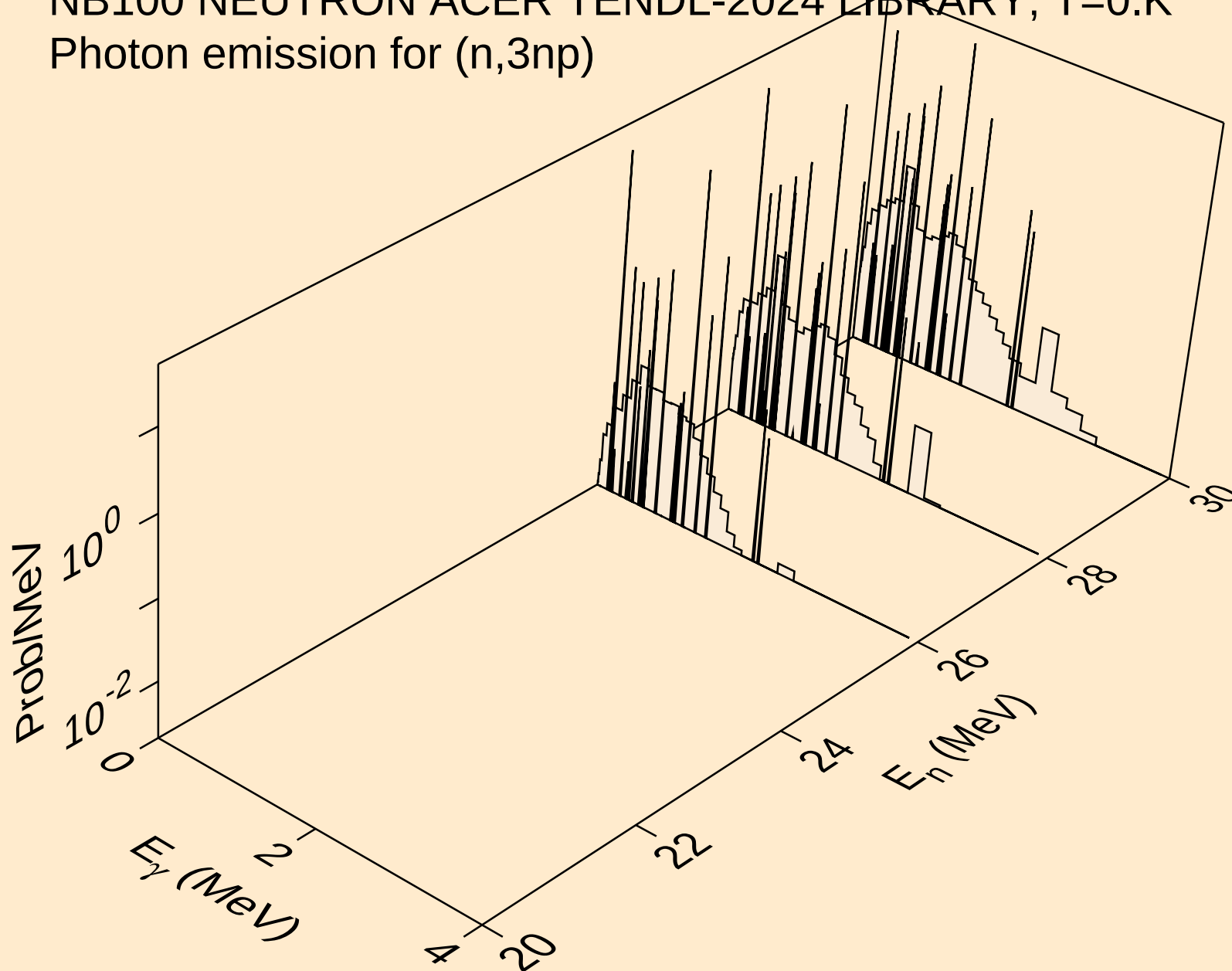


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

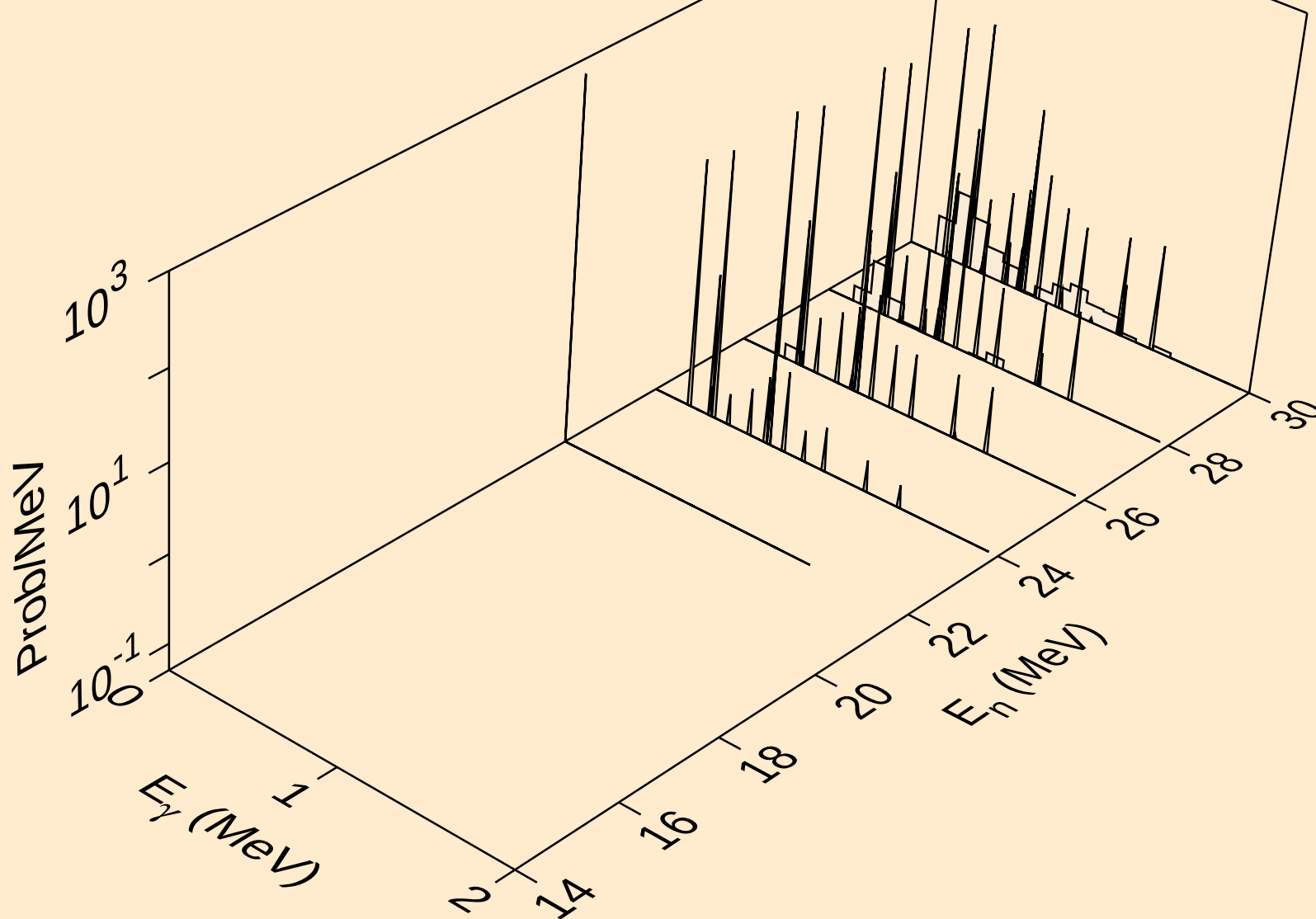




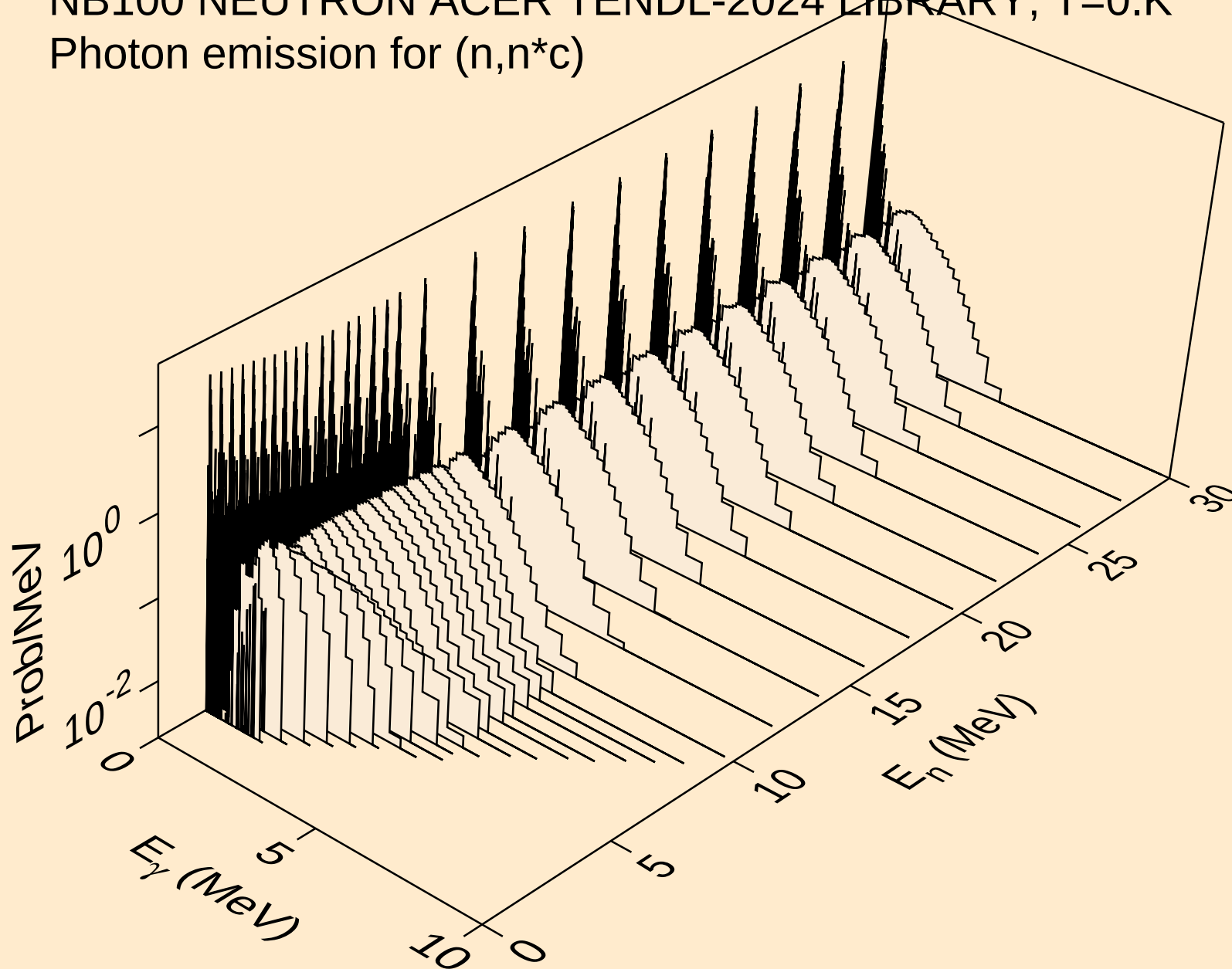
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Photon emission for (n,3np)



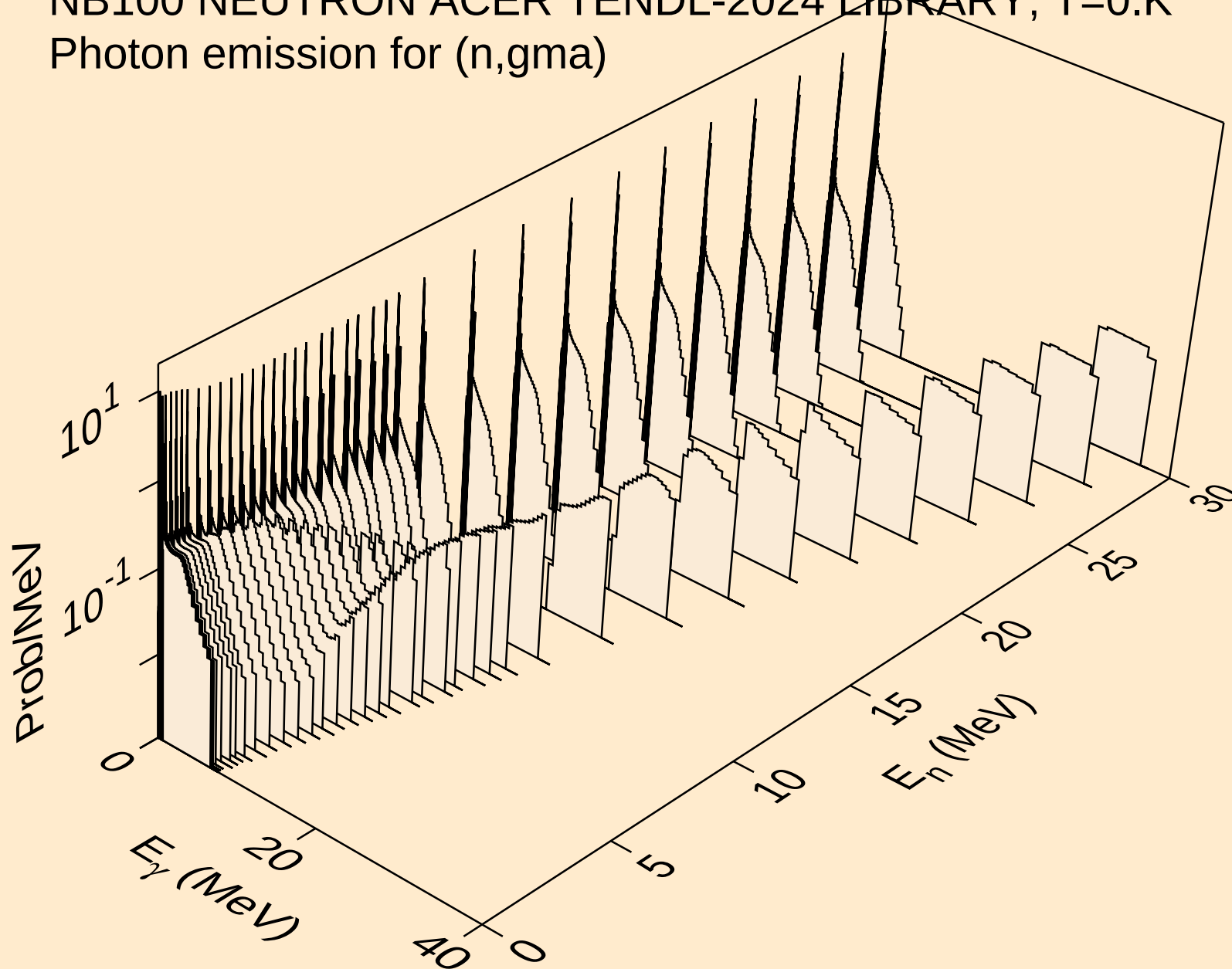
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Photon emission for (n,npa)



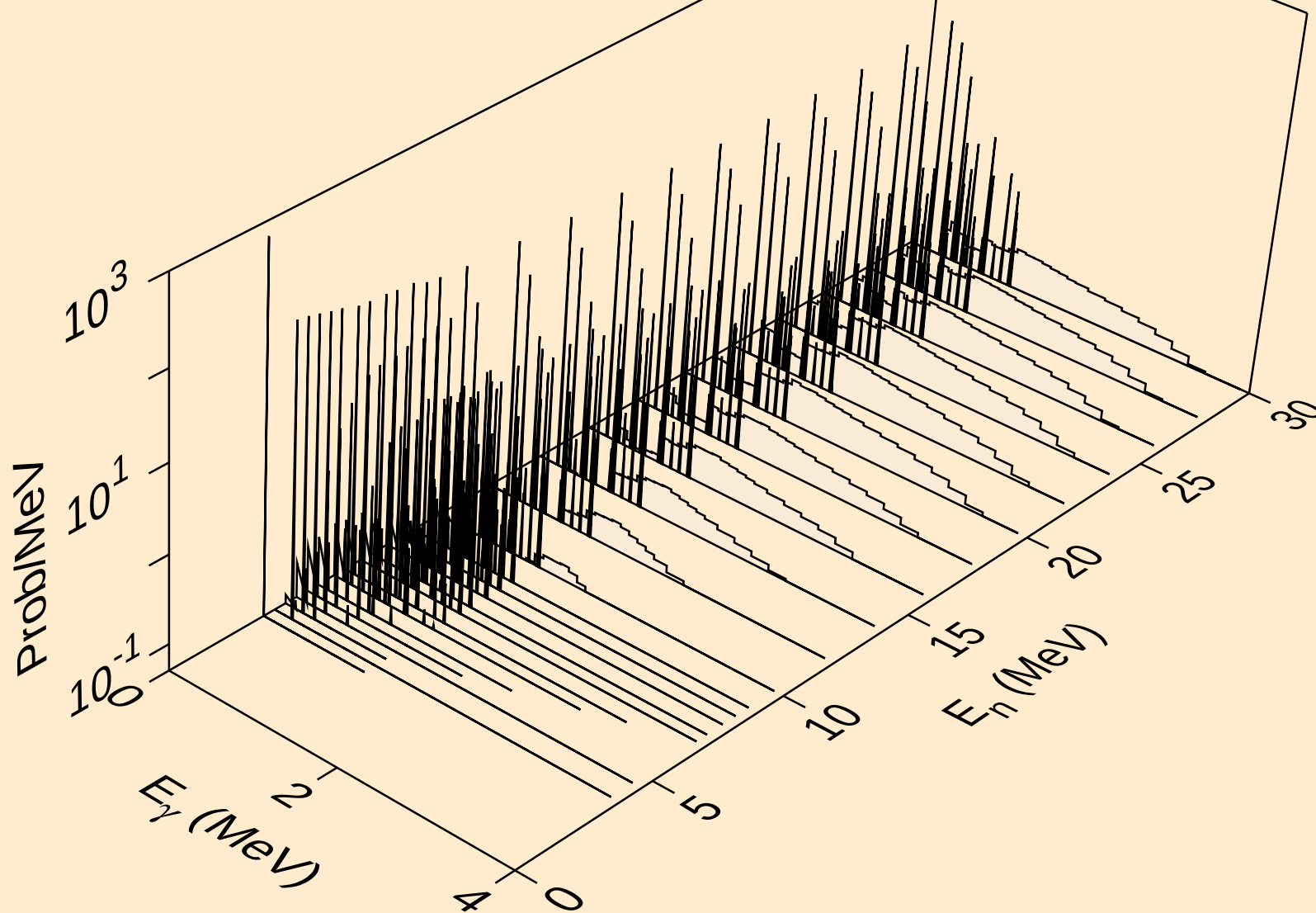
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Photon emission for (n,n\*c)



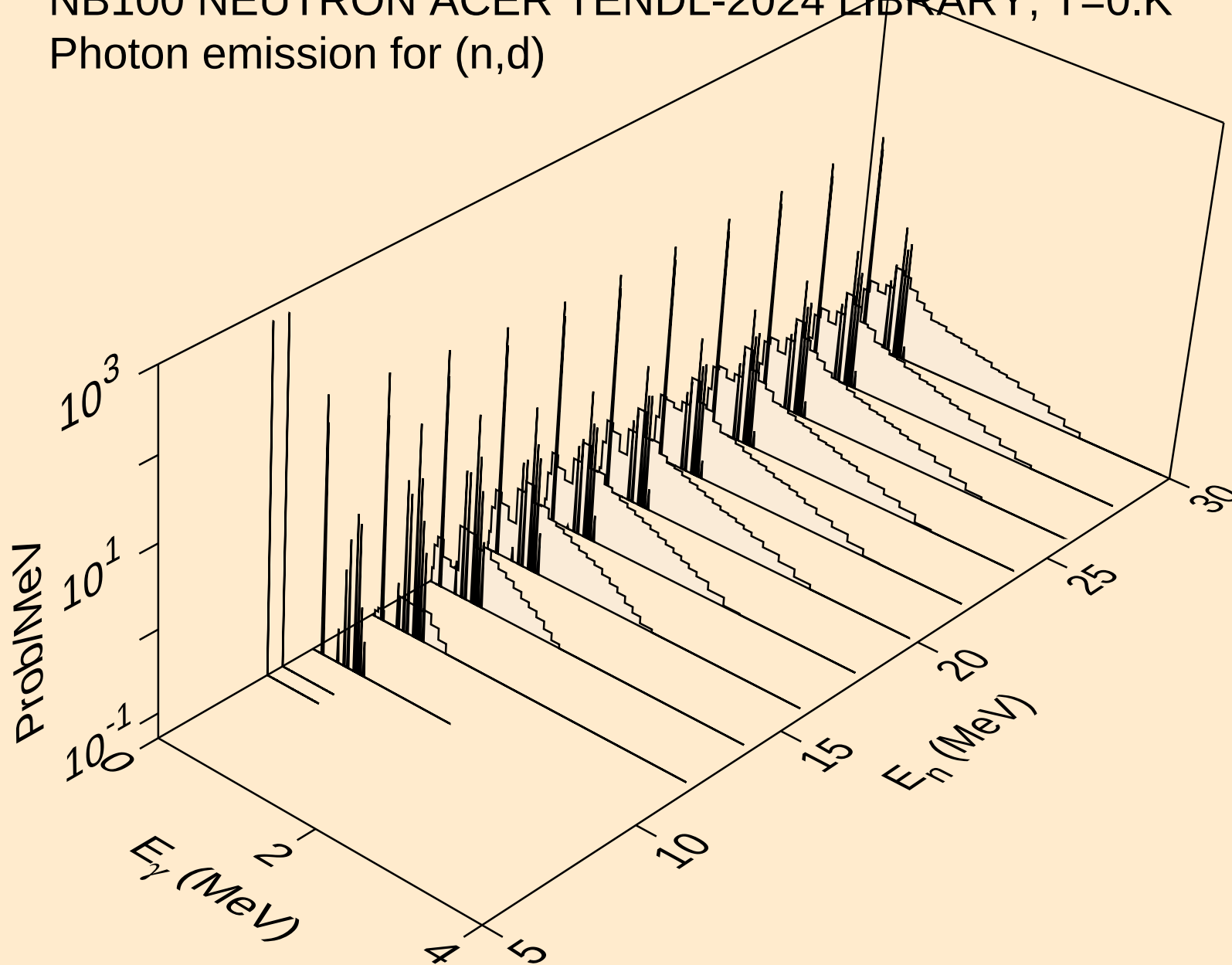
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Photon emission for (n,gma)



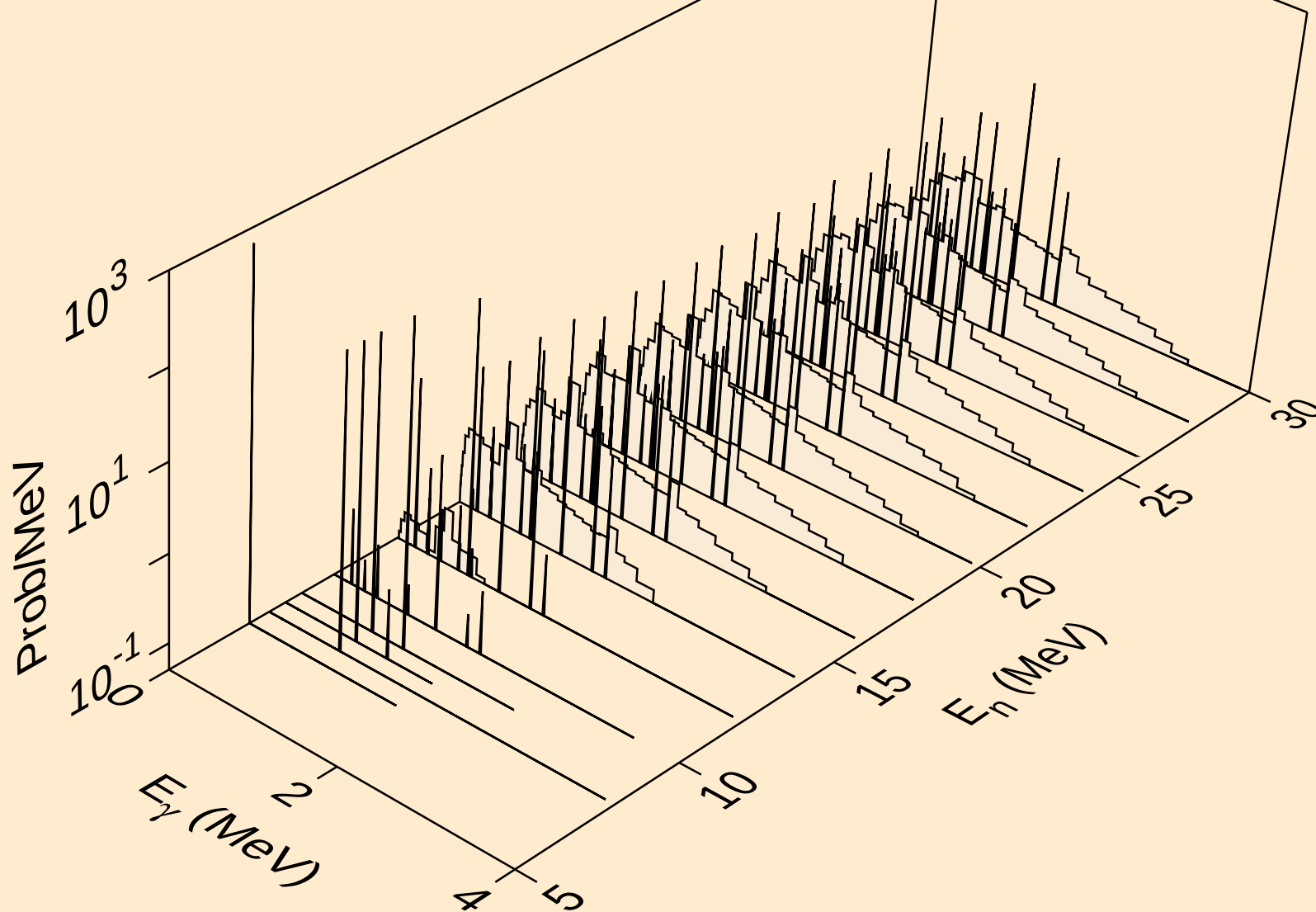
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Photon emission for (n,p)



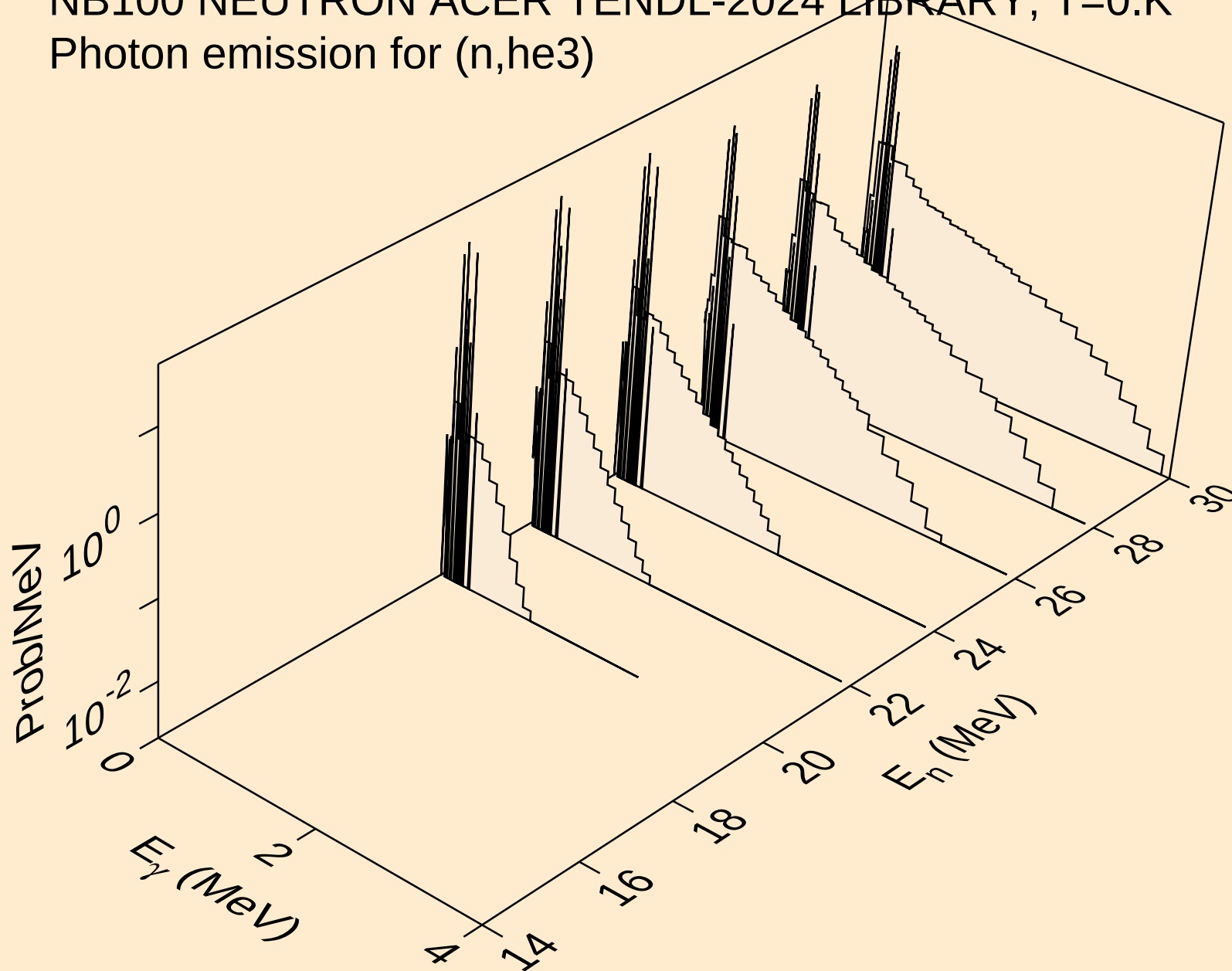
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

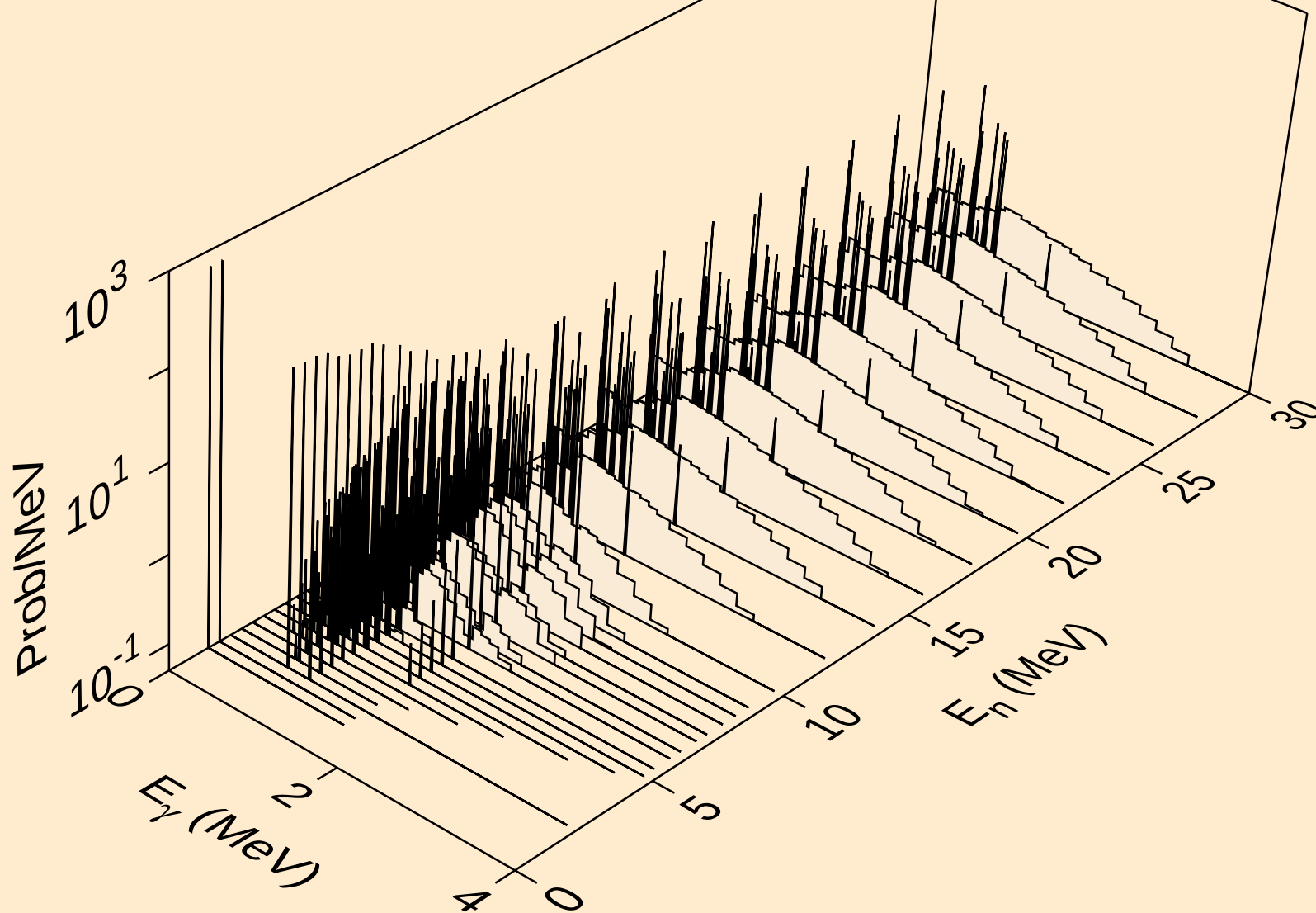


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

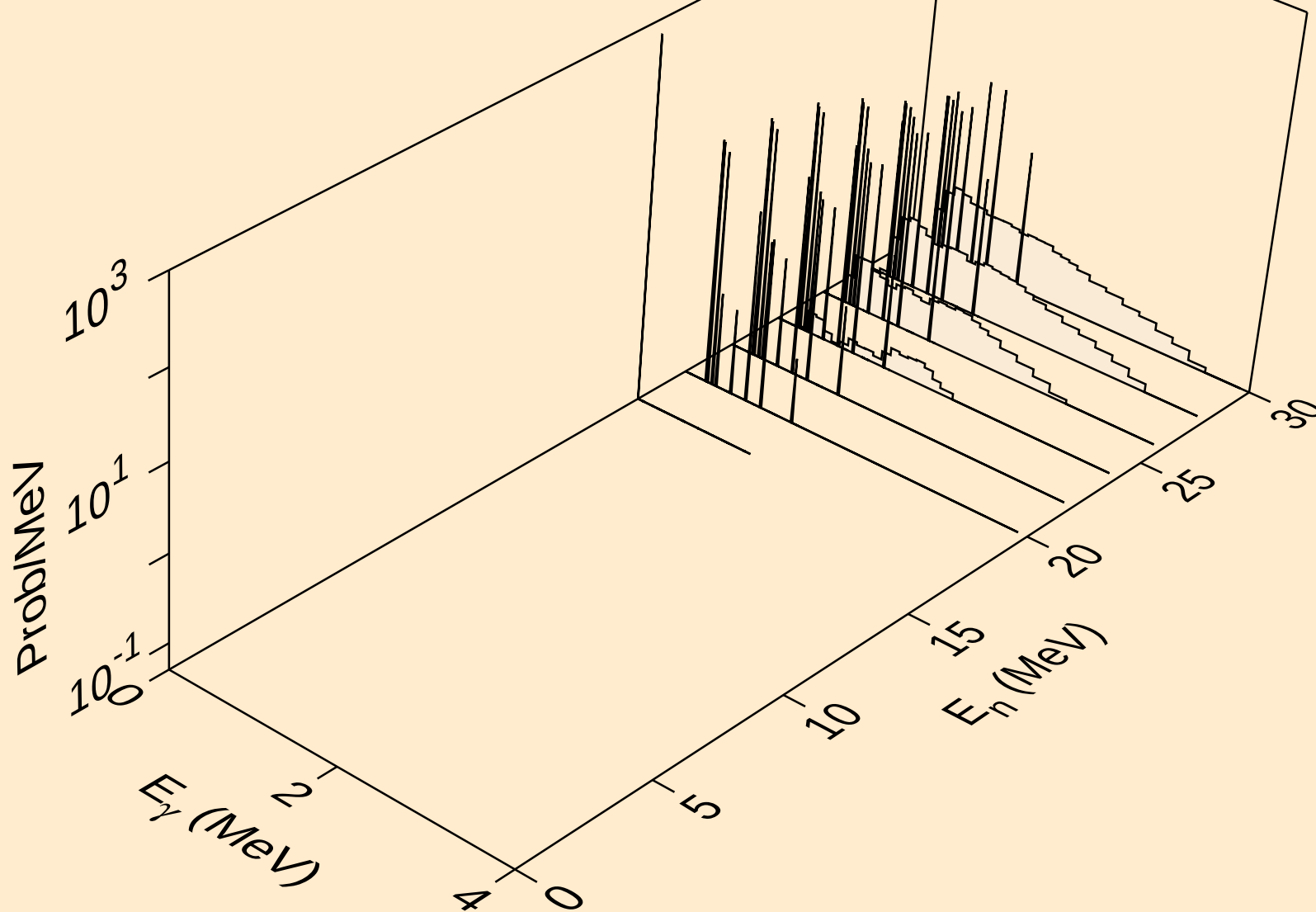




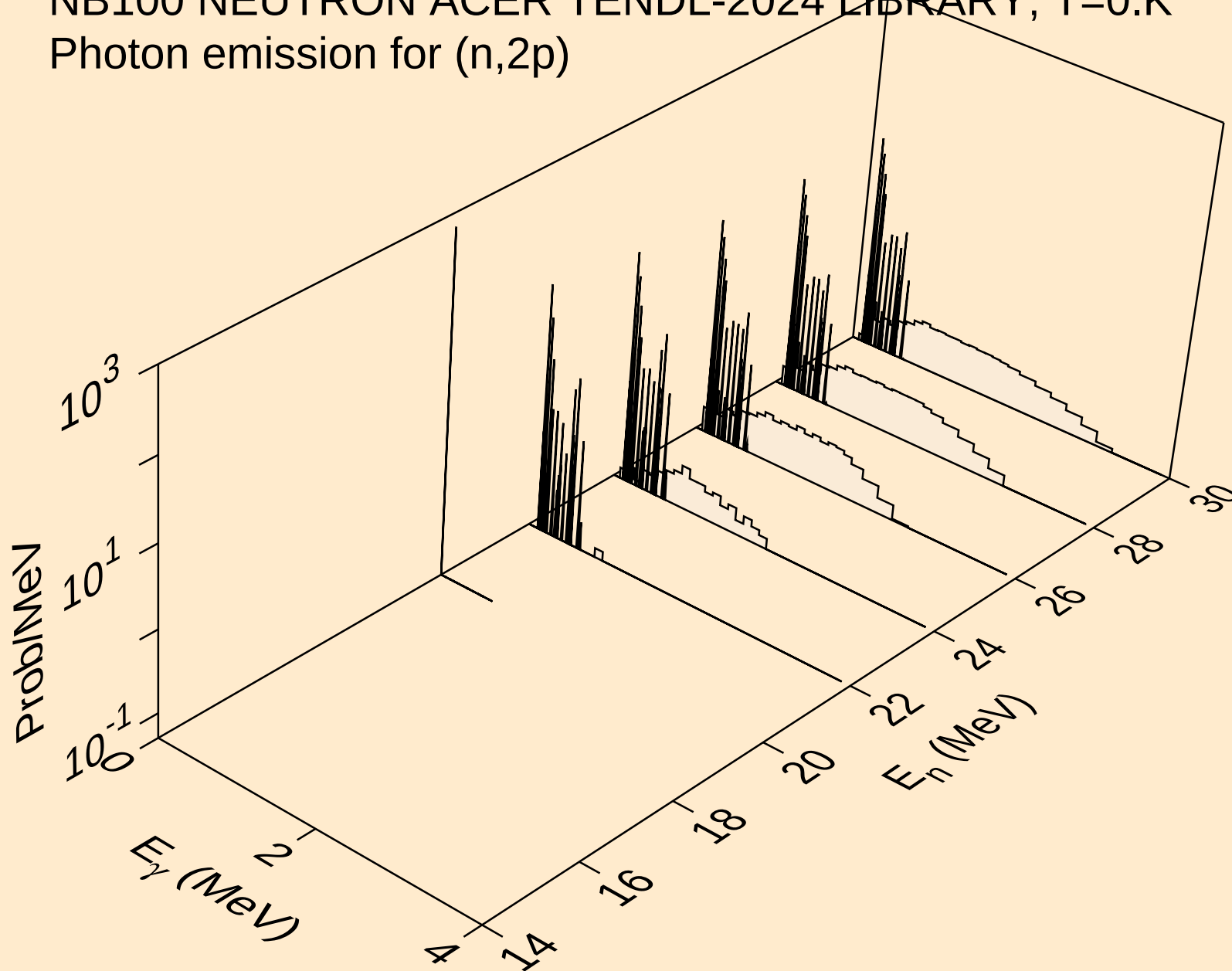
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Photon emission for (n,a)



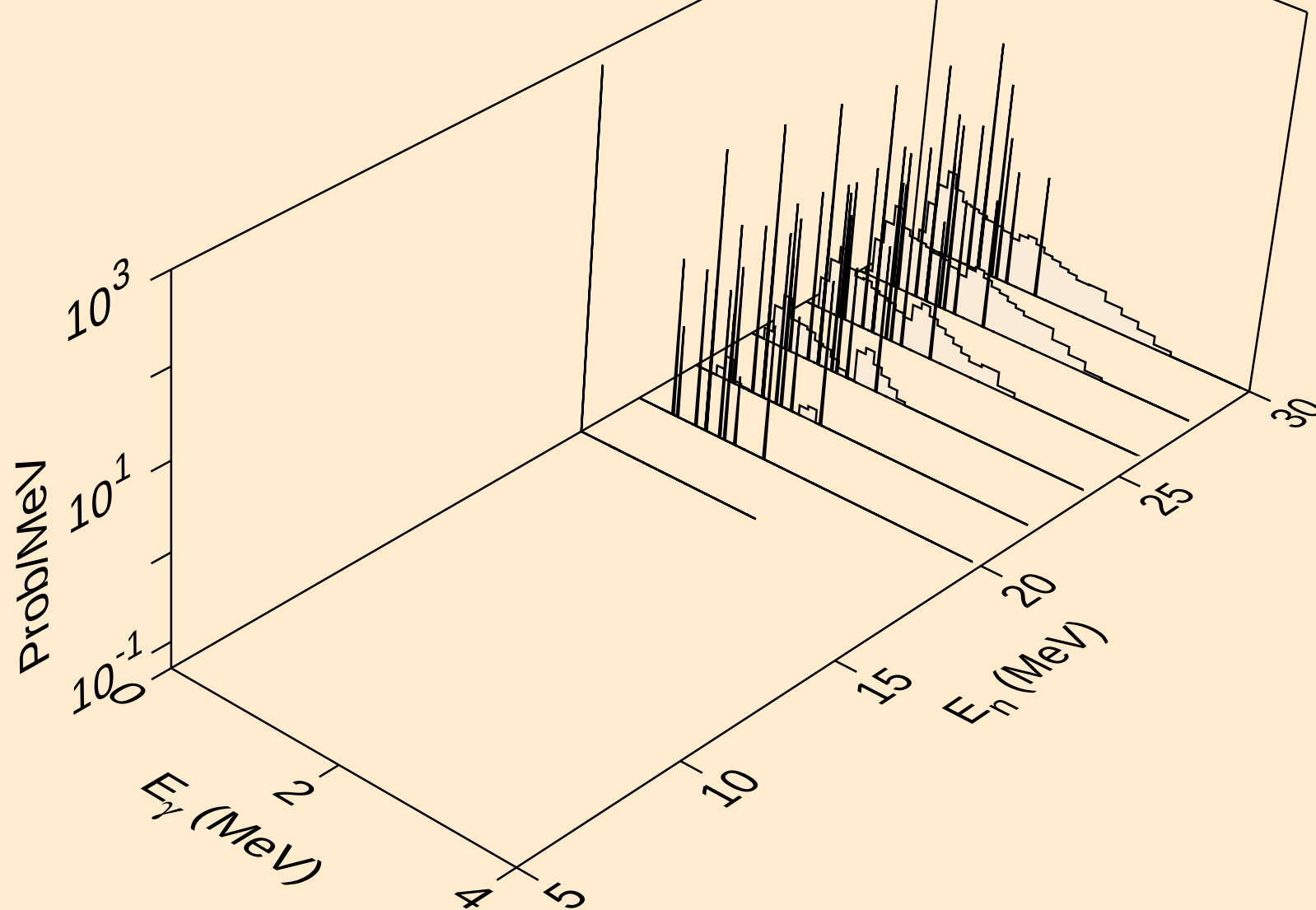
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Photon emission for (n,2a)



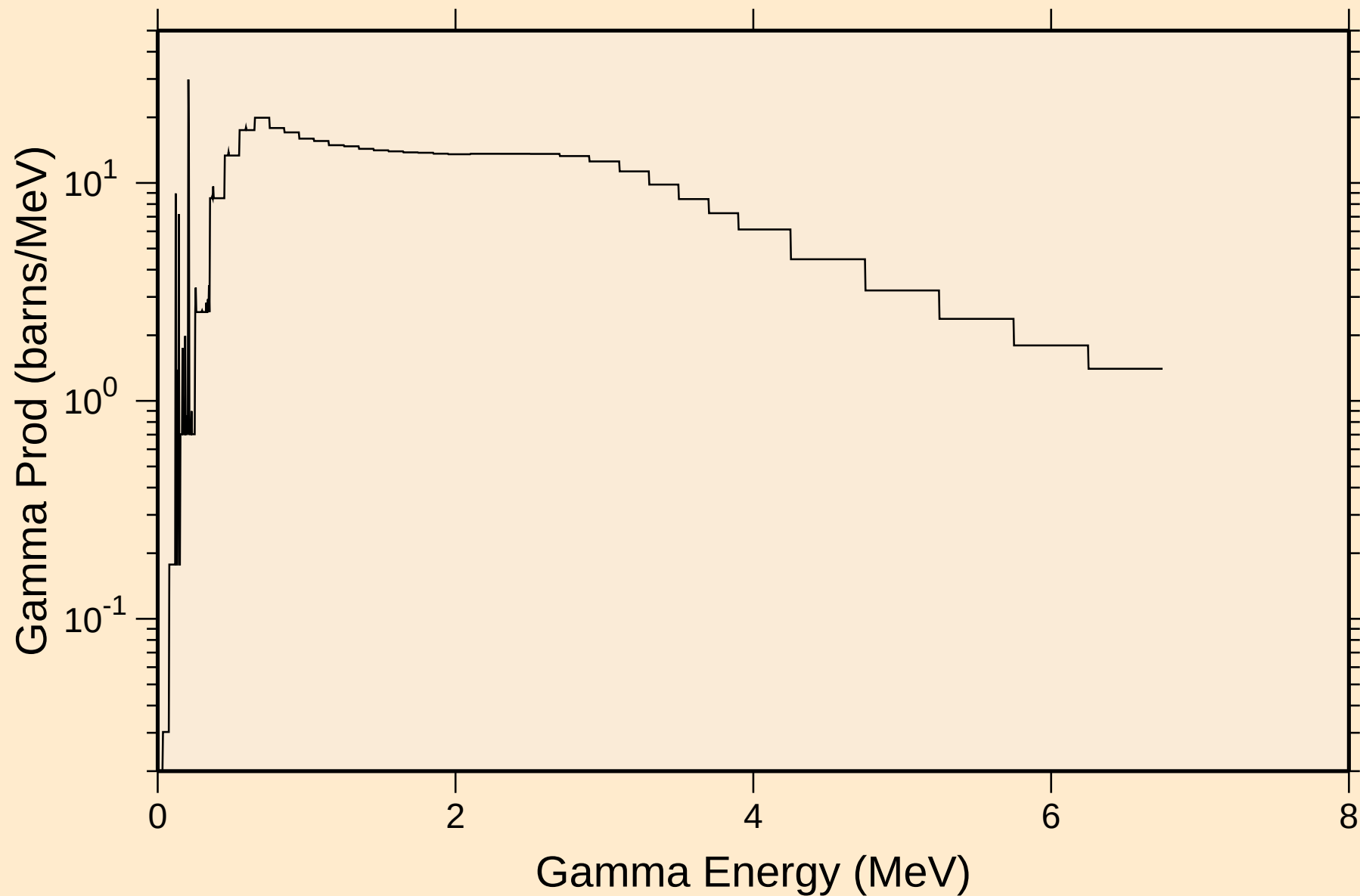
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Photon emission for (n,2p)



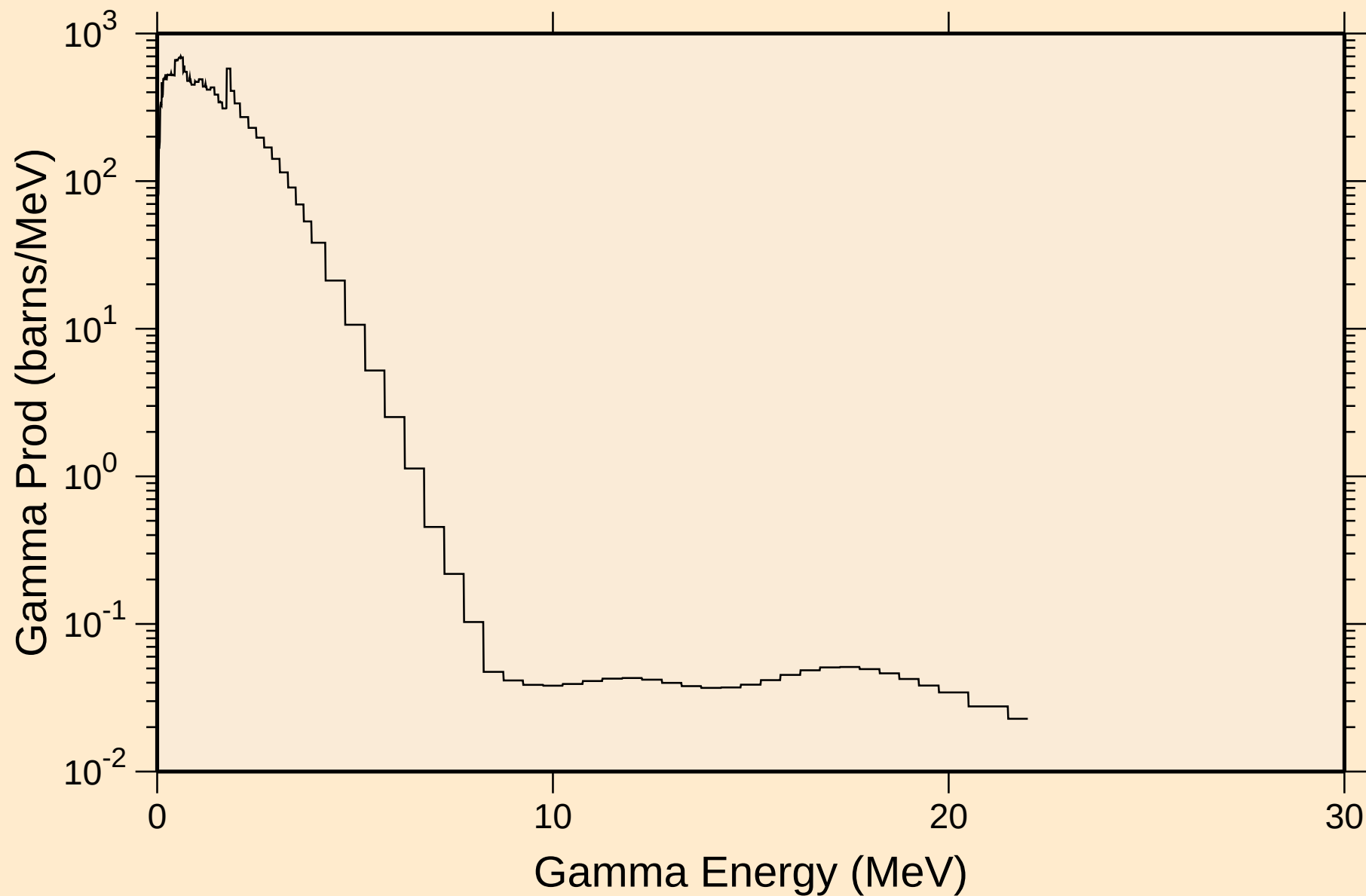
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



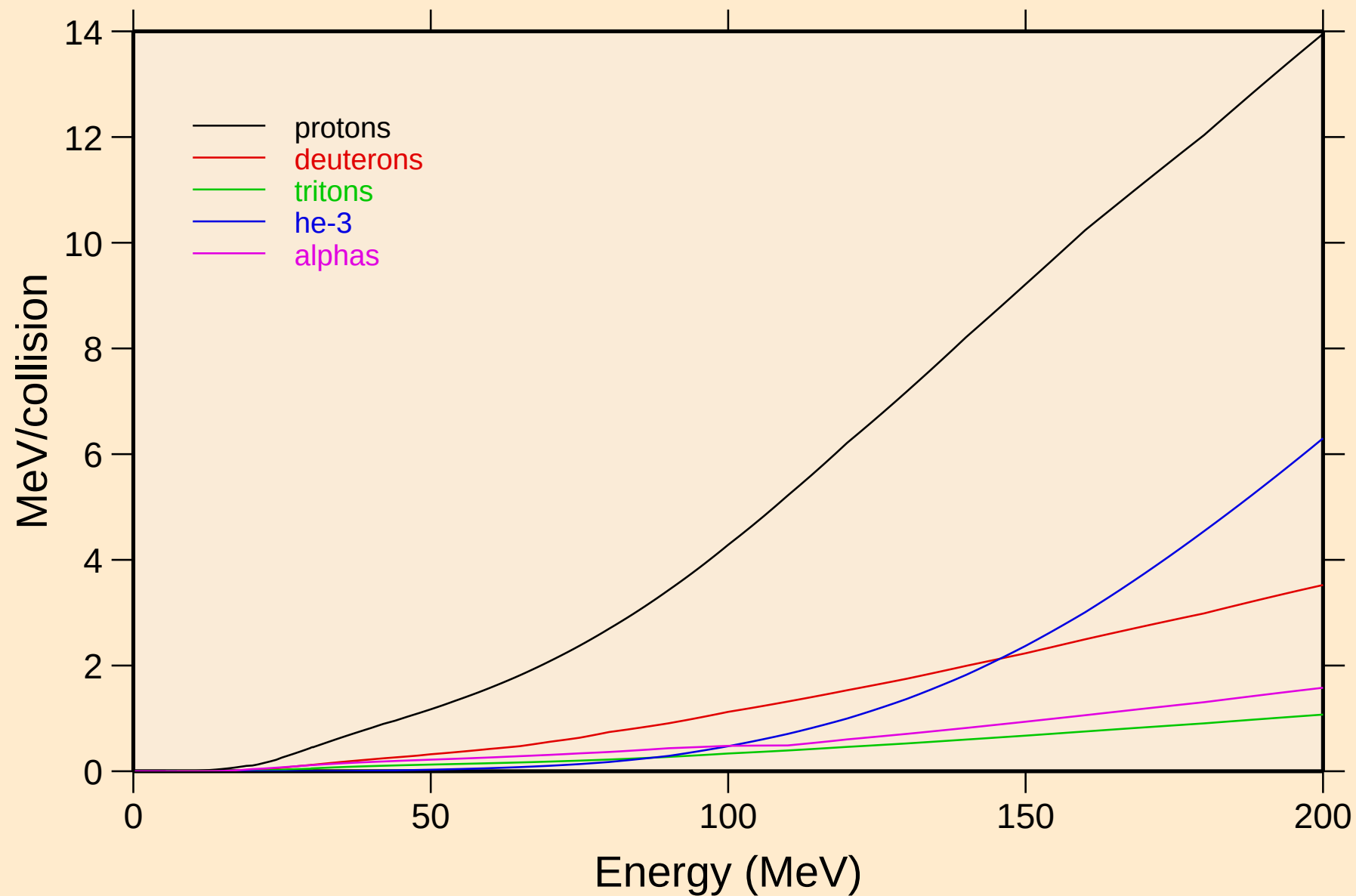
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



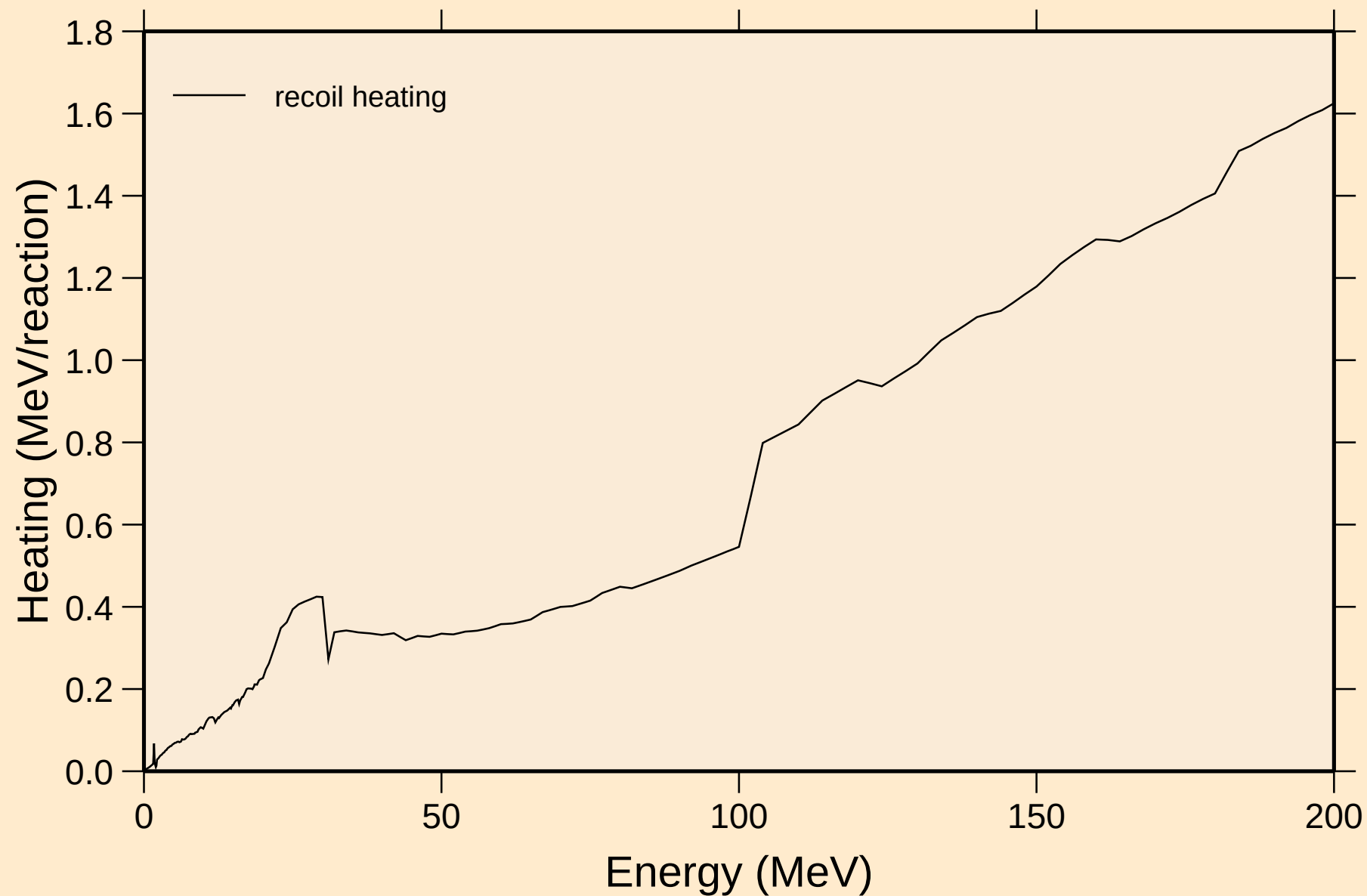
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14 MeV photon spectrum



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



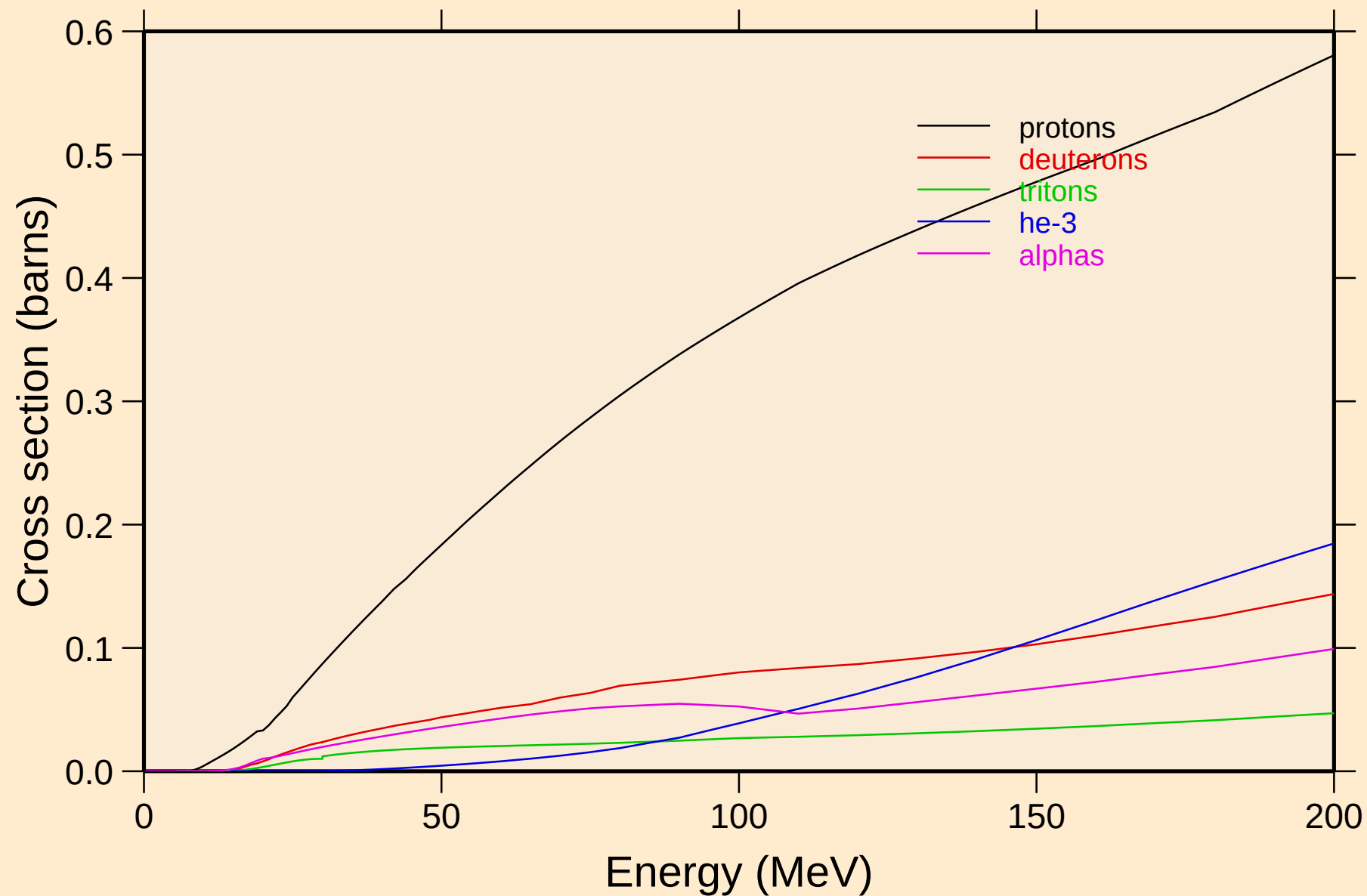
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Recoil Heating



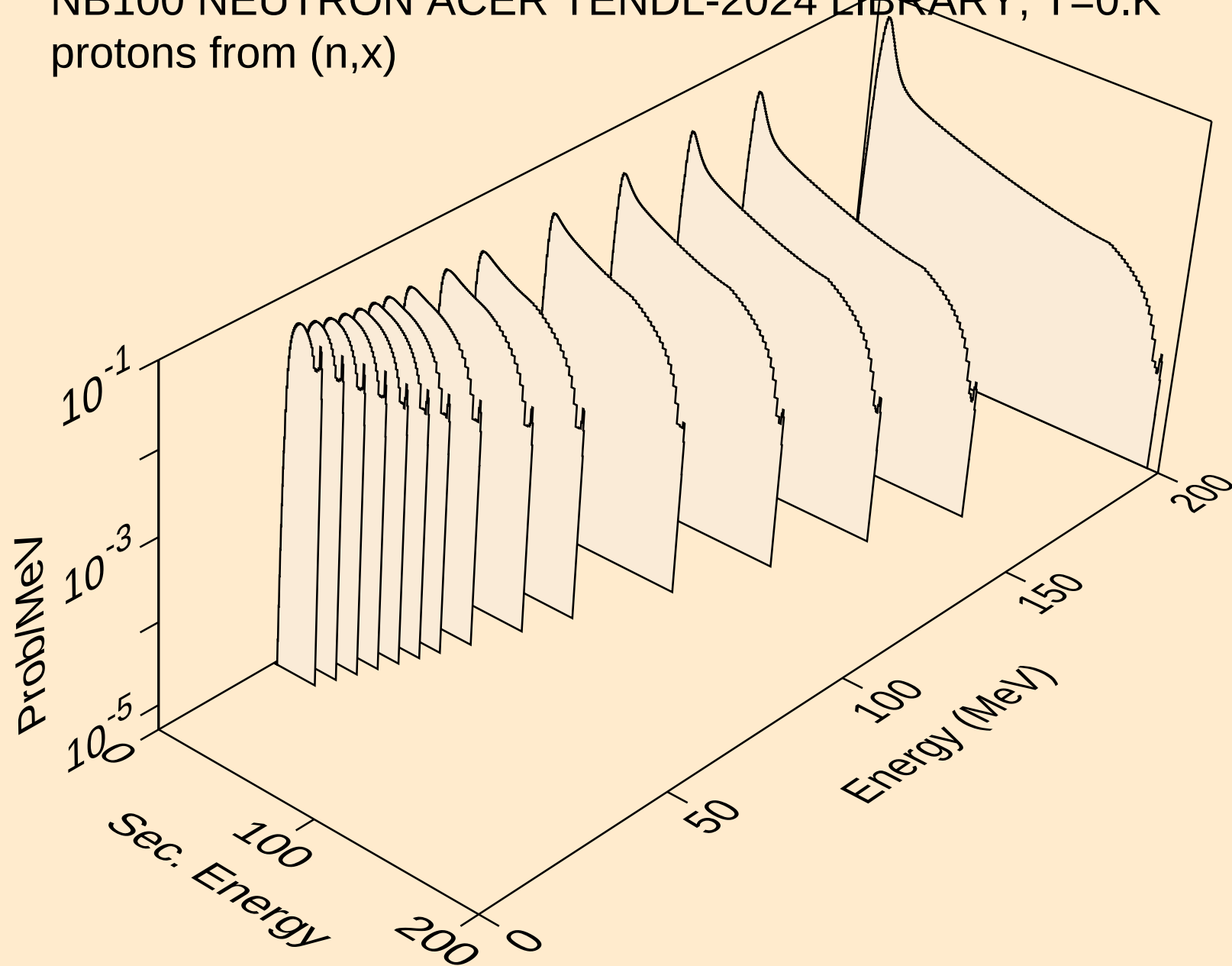


# NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

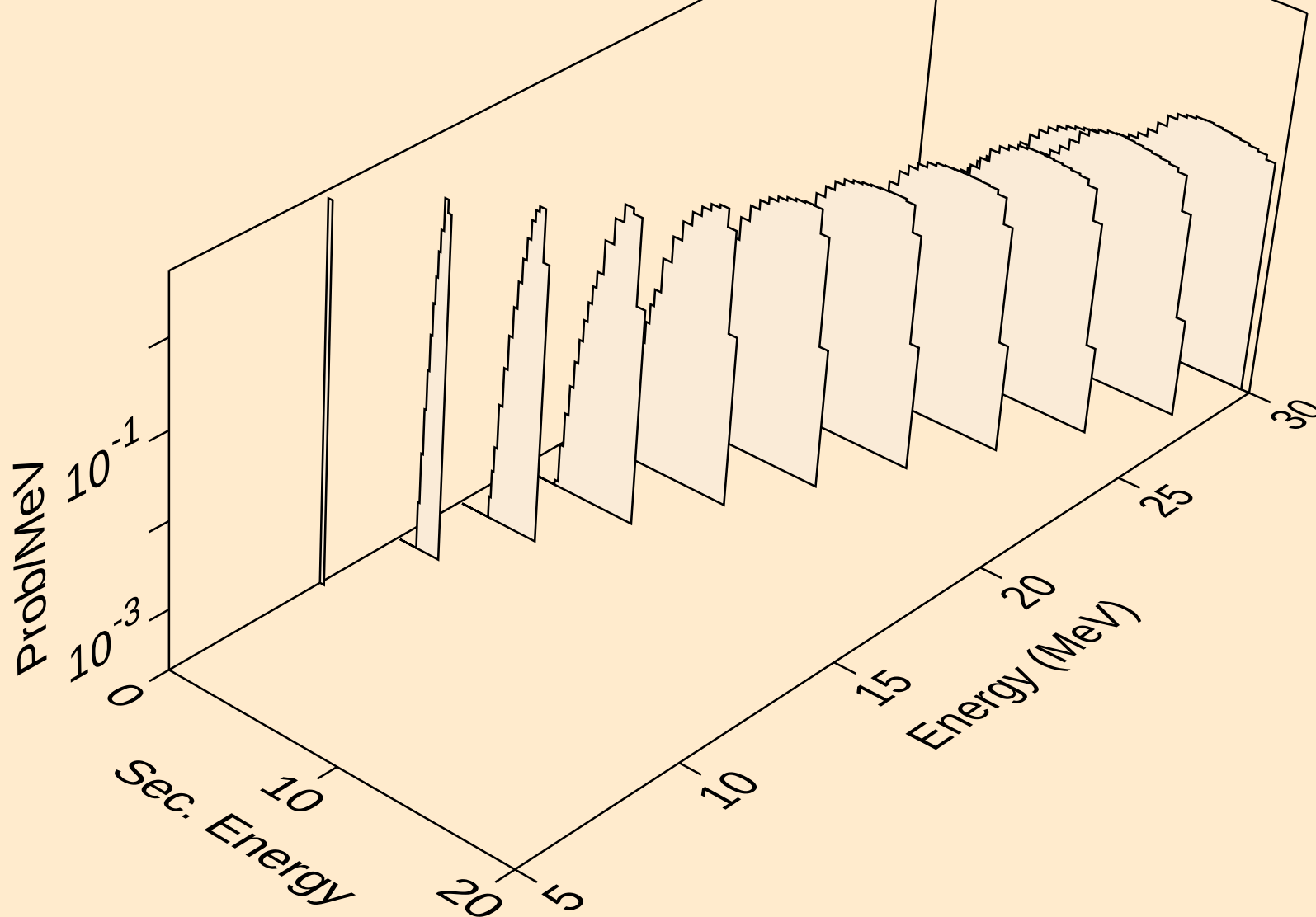
## Particle production cross sections



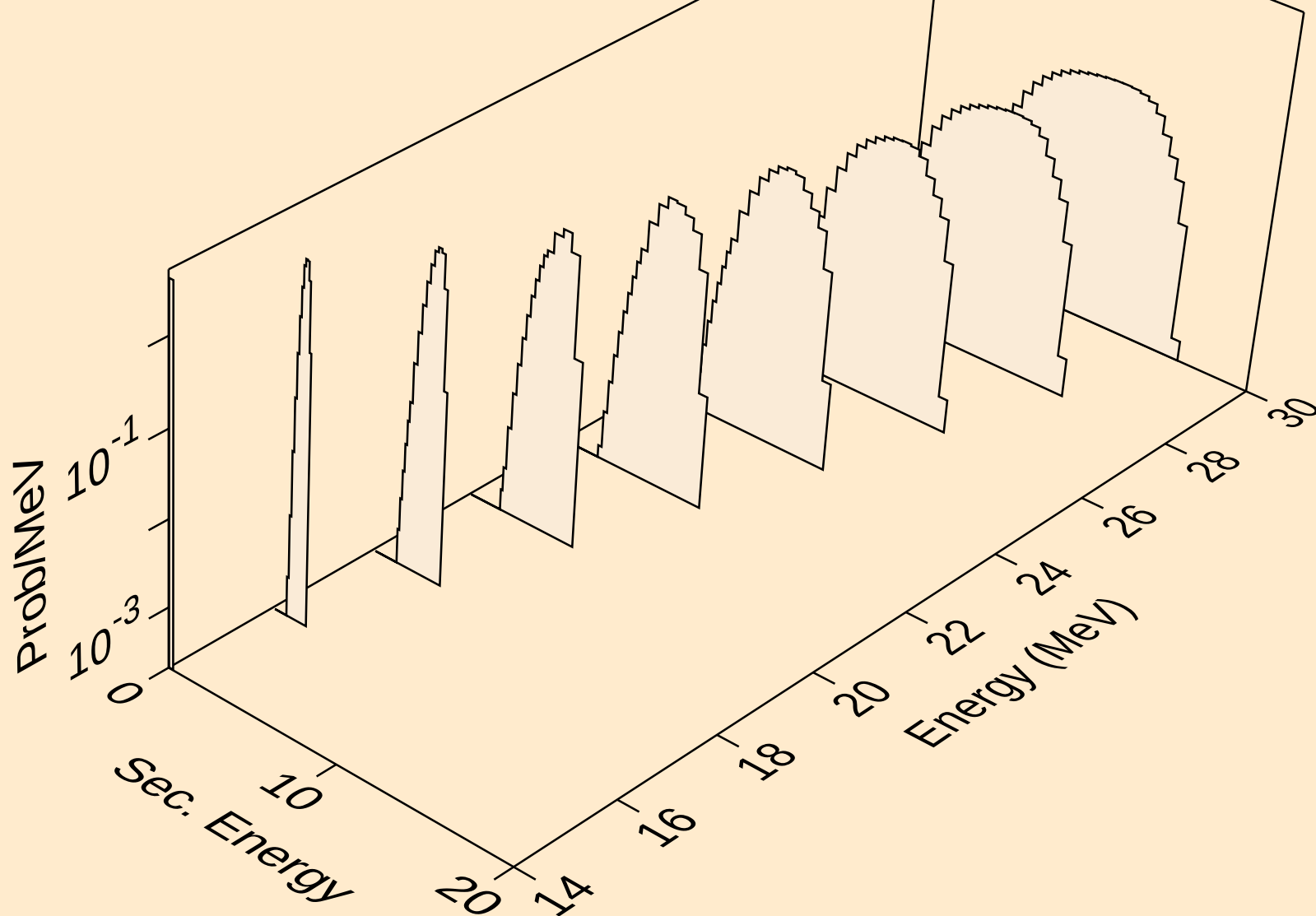
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



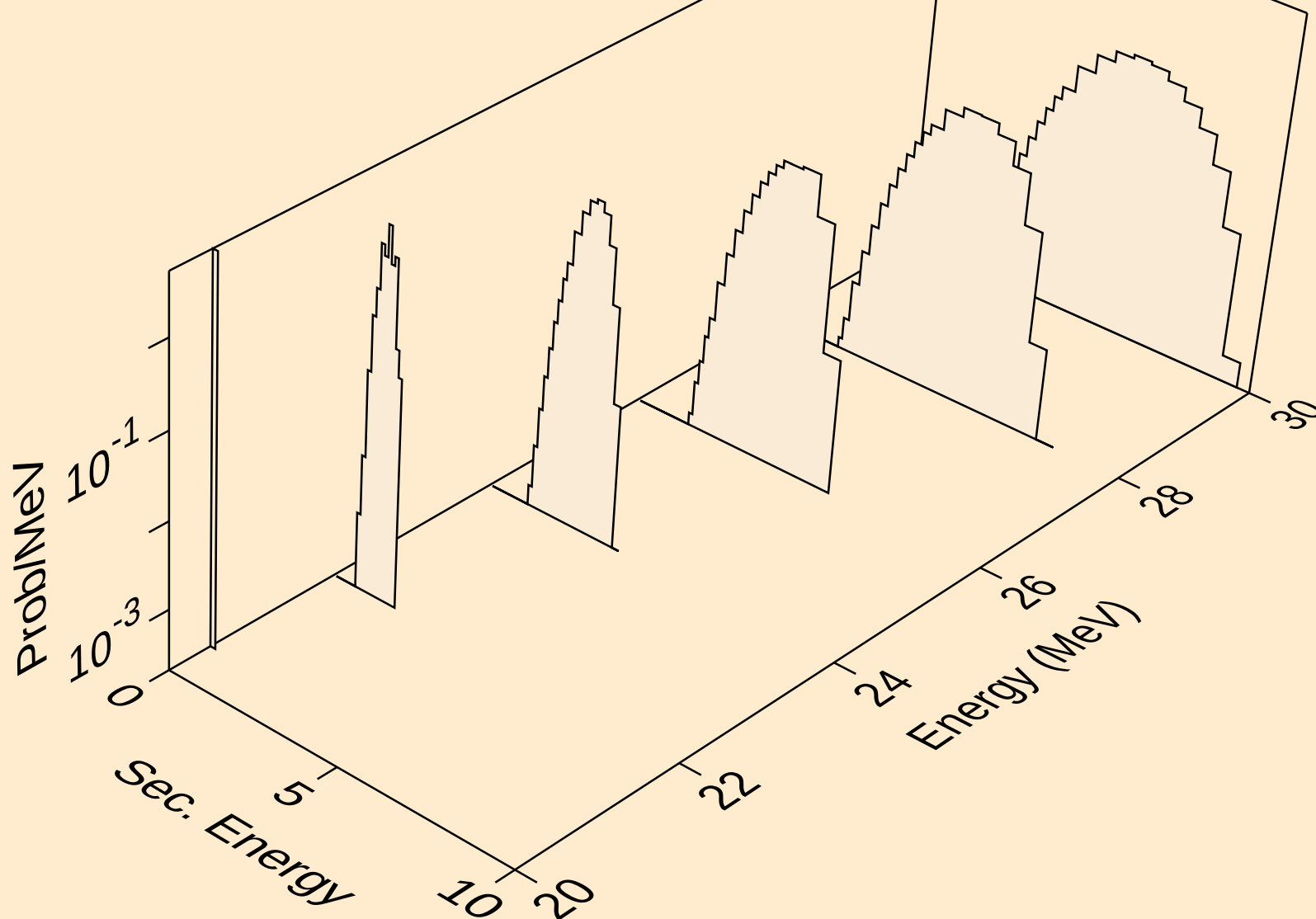
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protons from (n,n\*)p



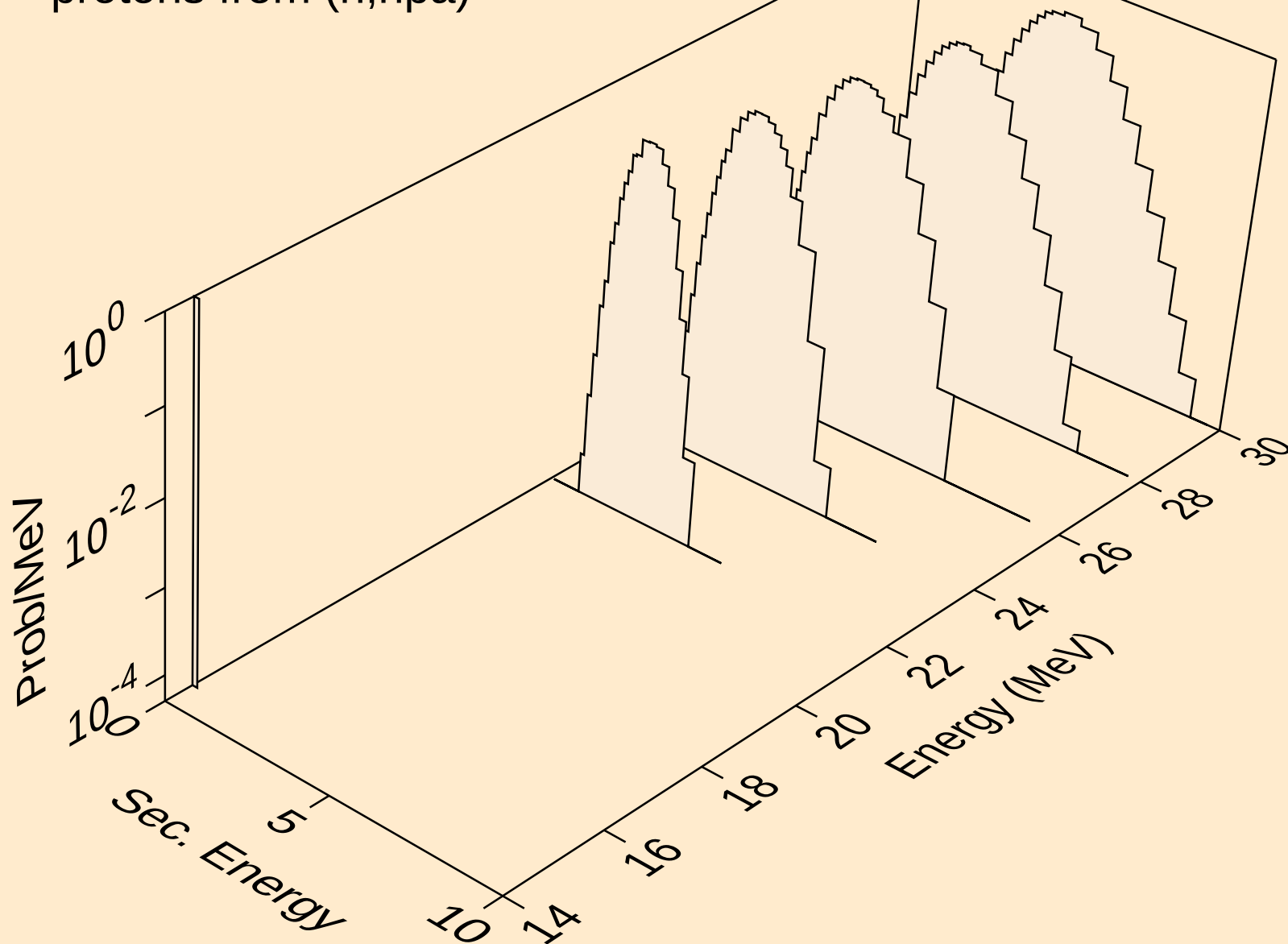
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protons from (n,2np)



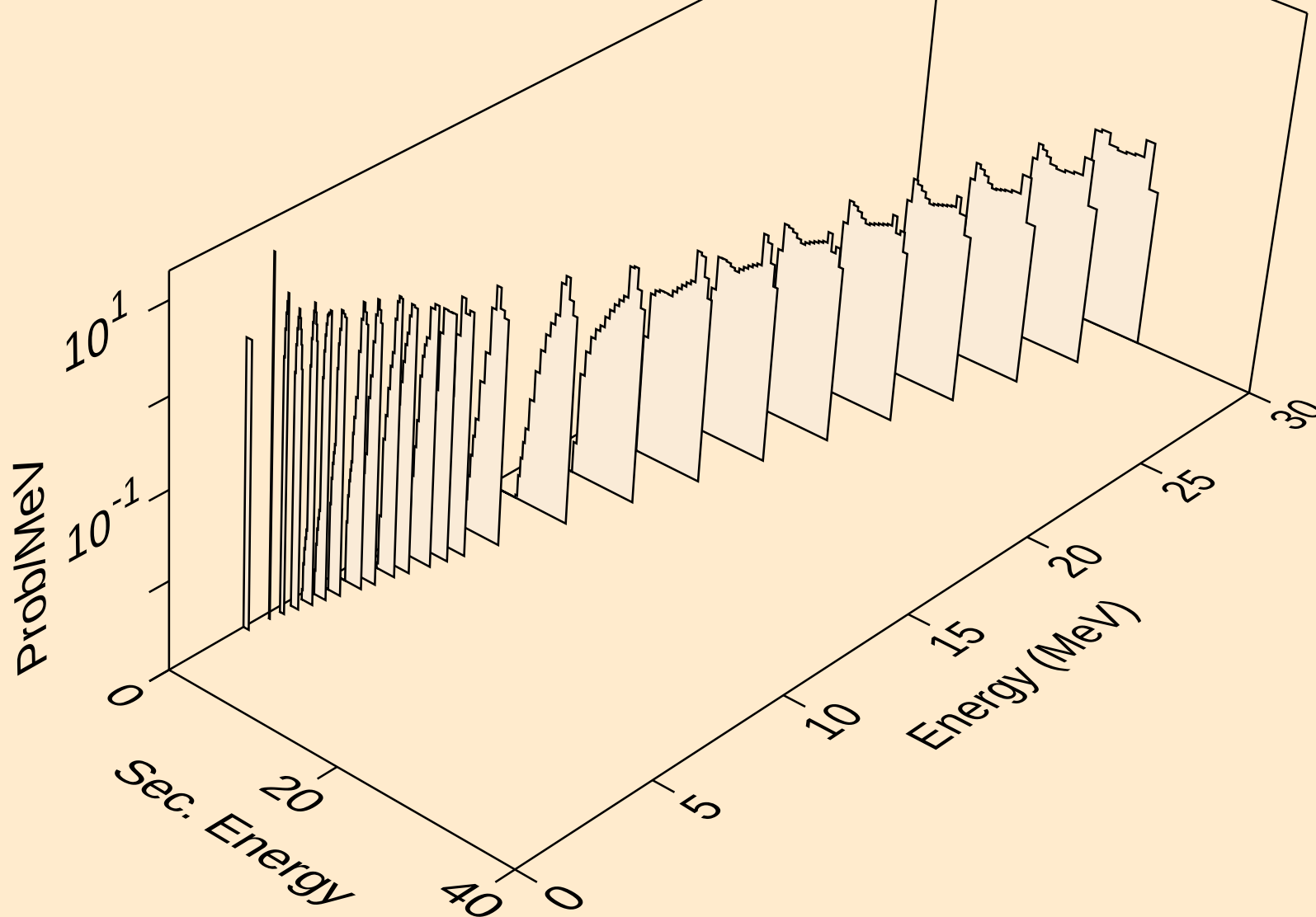
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protons from (n,3np)



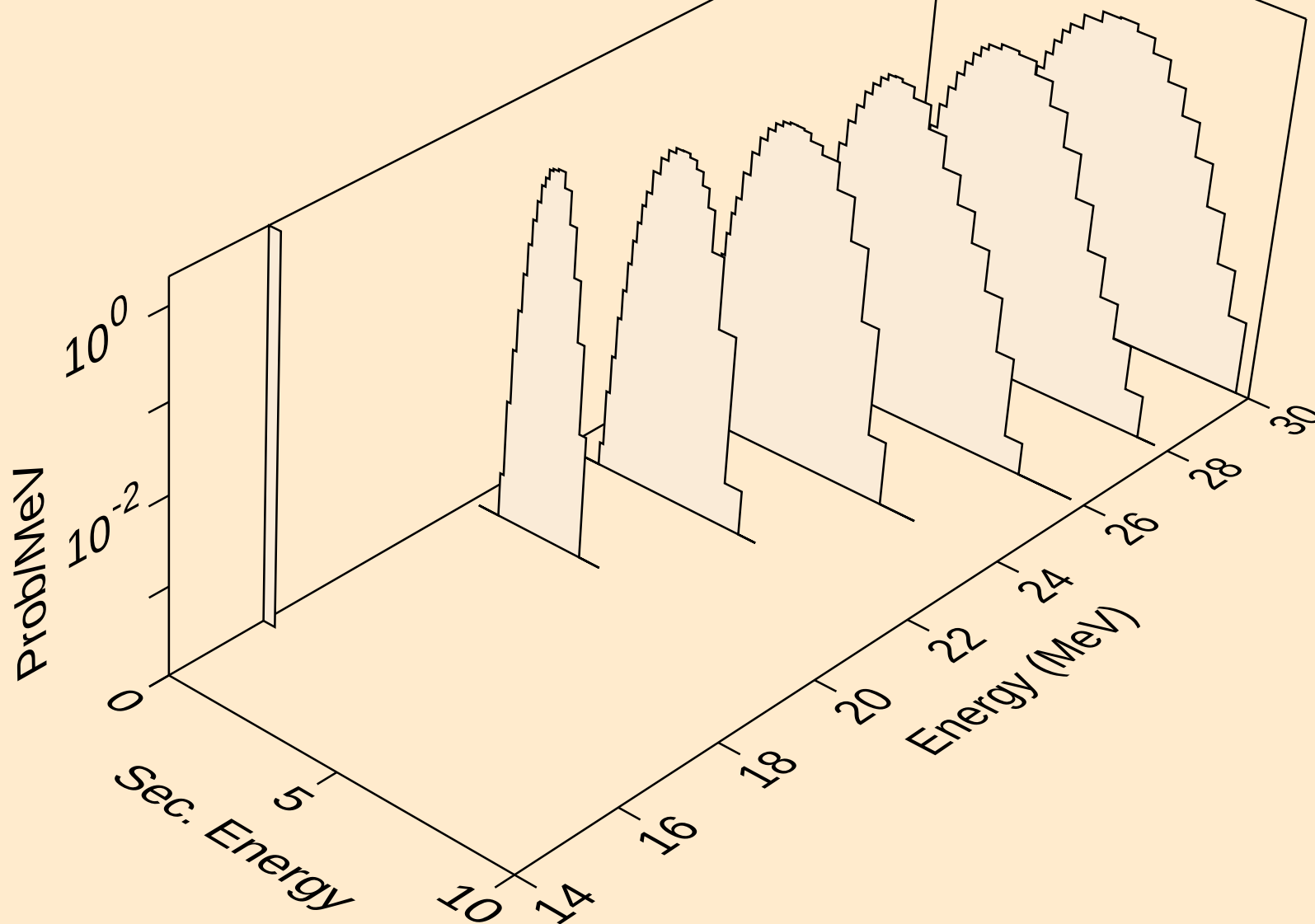
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

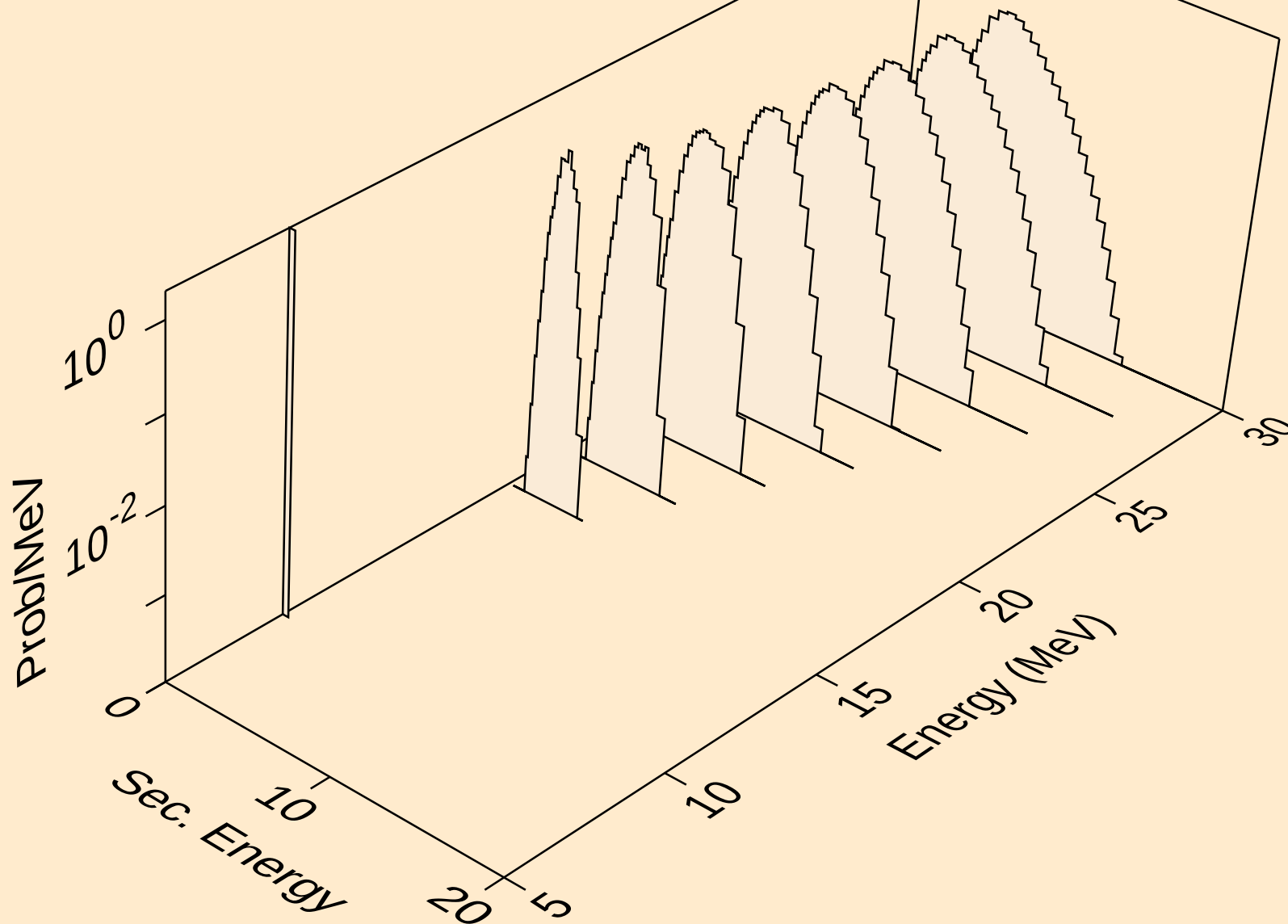


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protons from (n,2p)

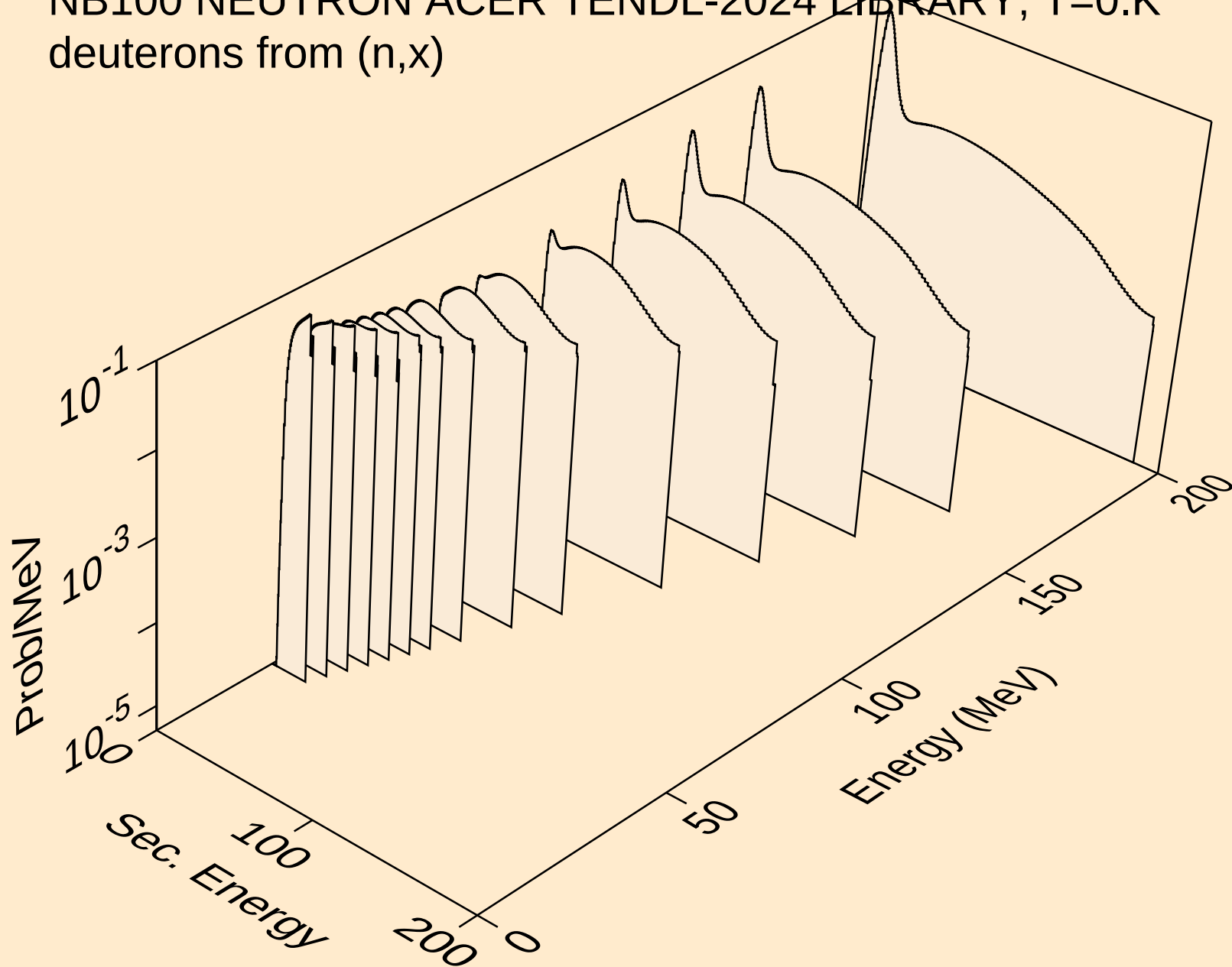




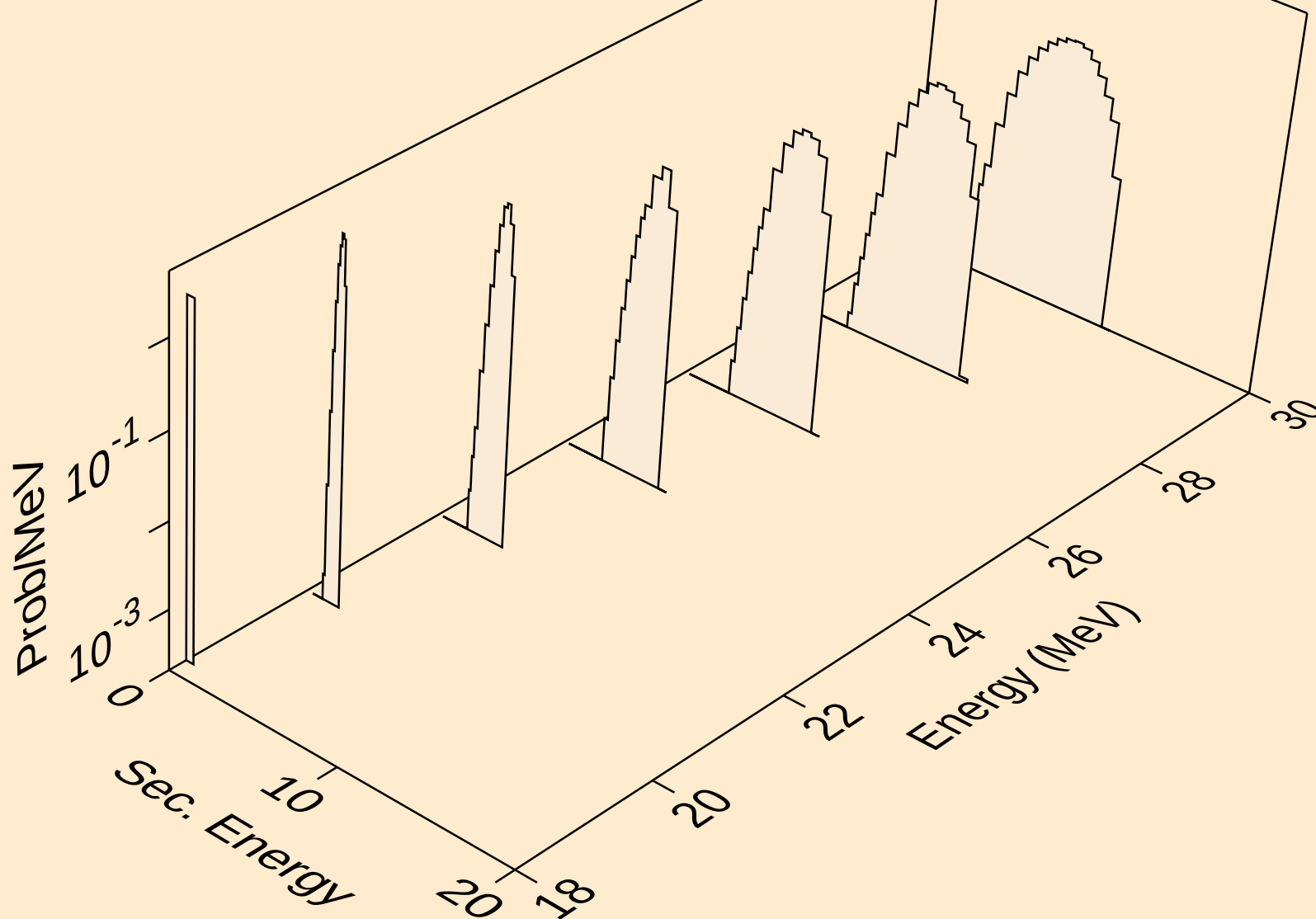
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protons from (n,p)



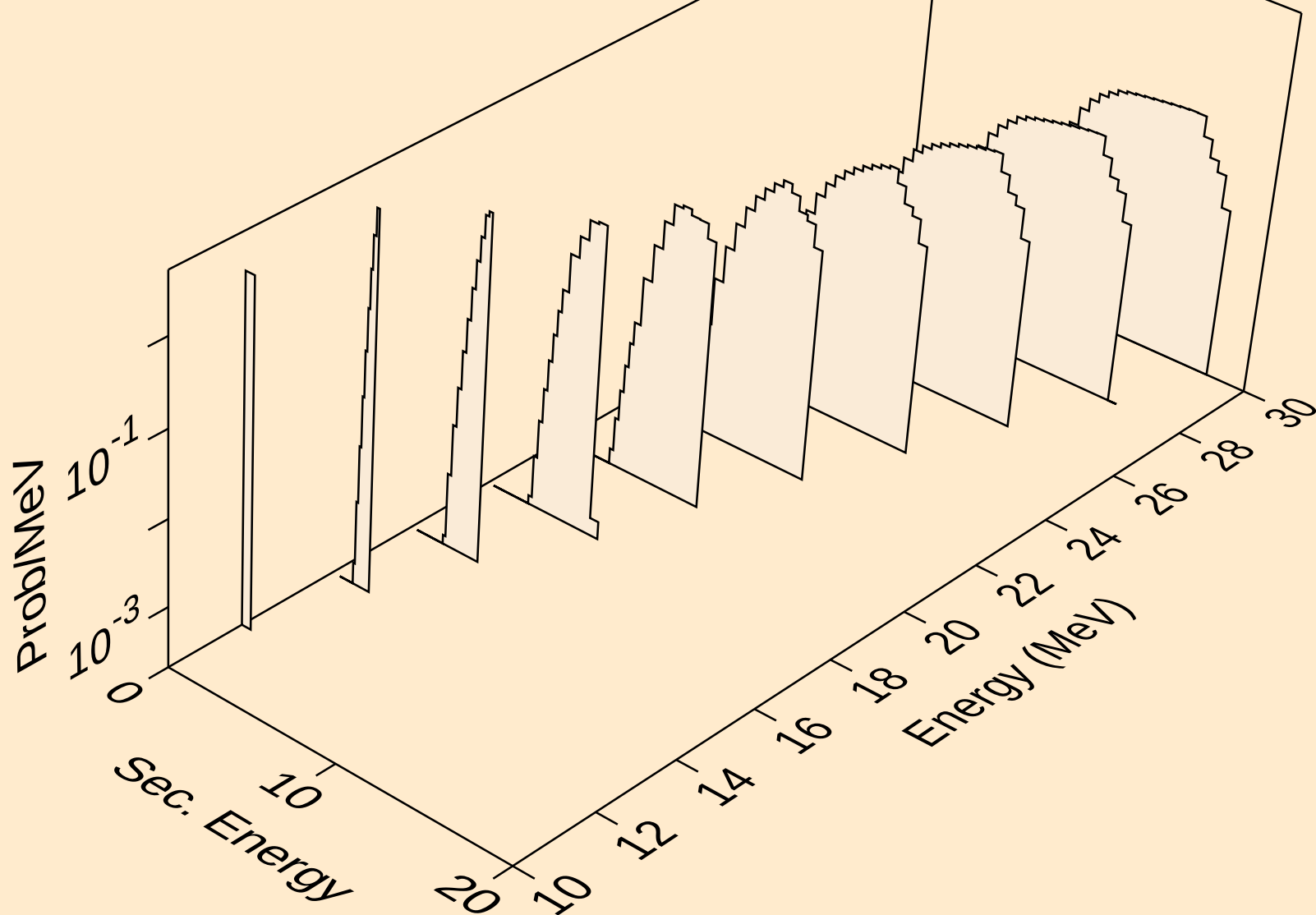
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



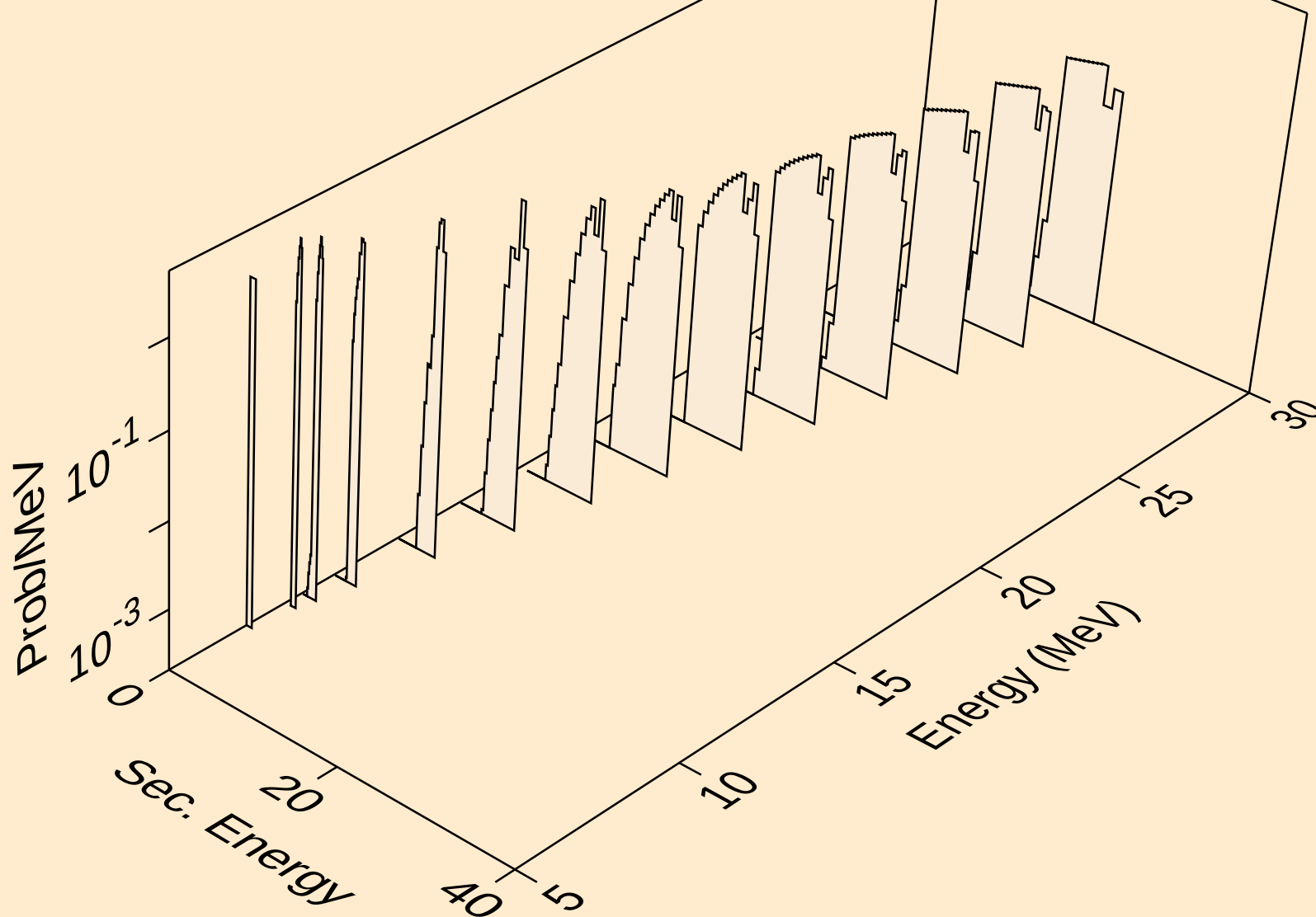
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deuterons from (n,2nd)



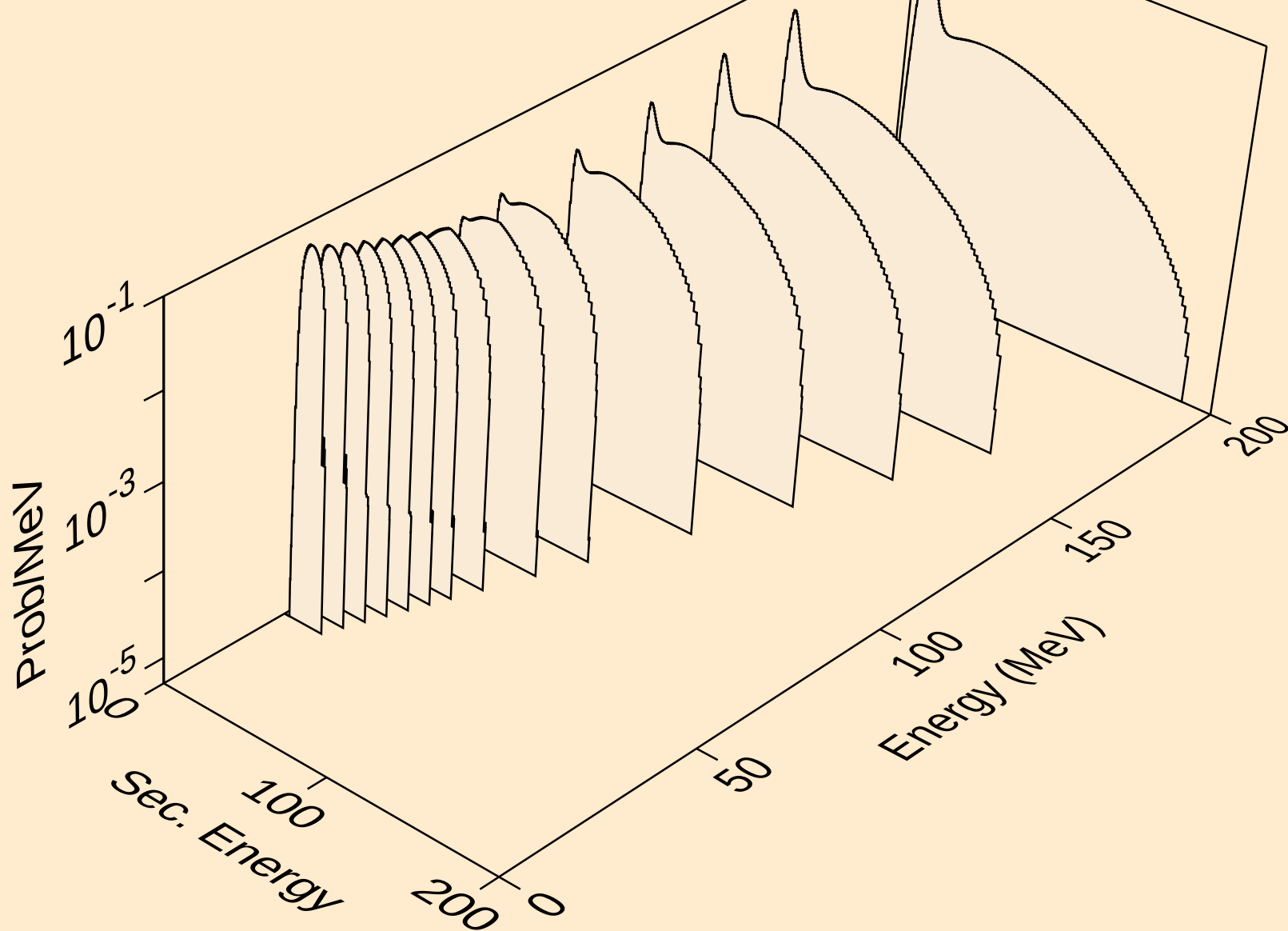
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deuterons from (n,n\*)d



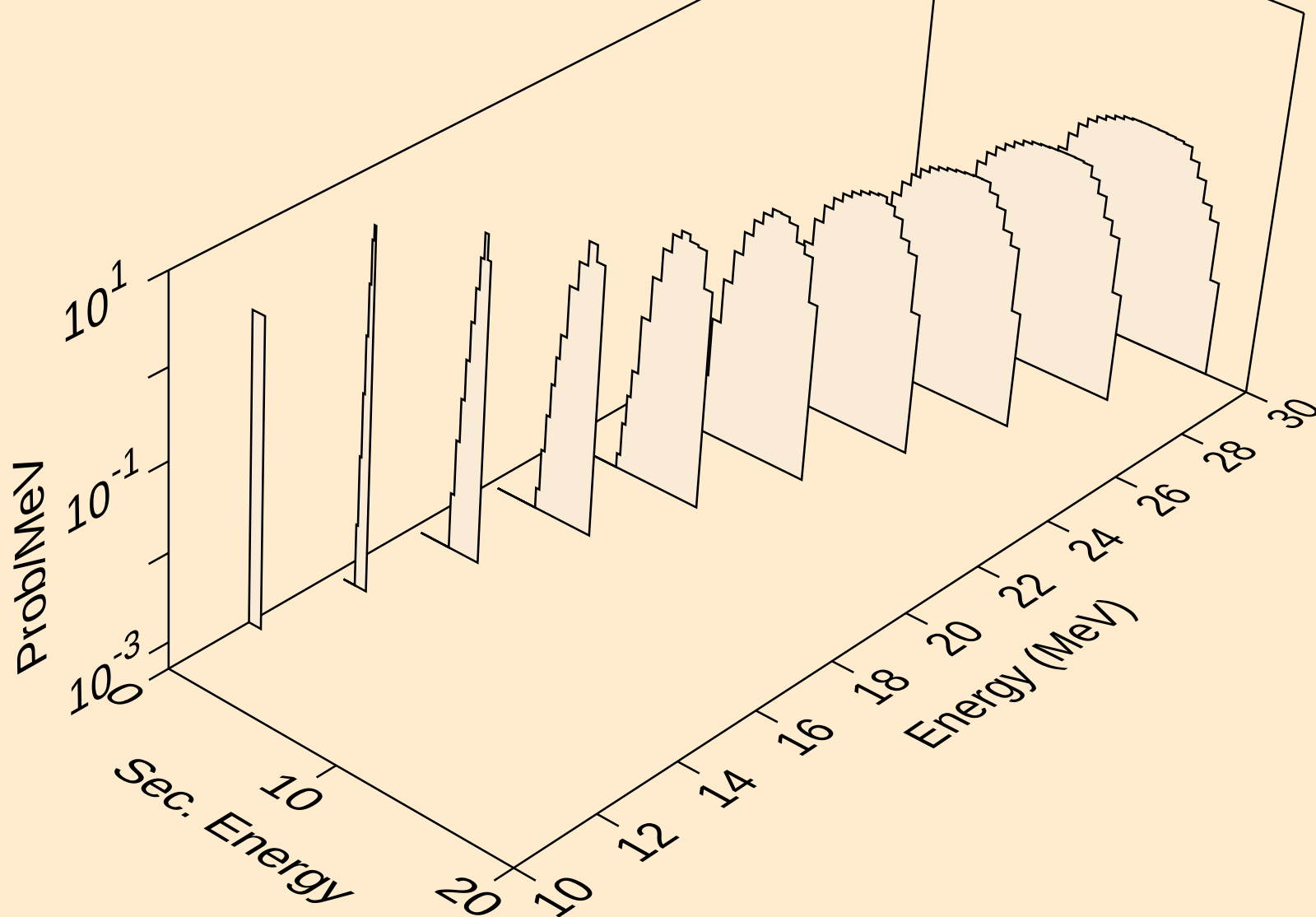
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deuterons from (n,d)



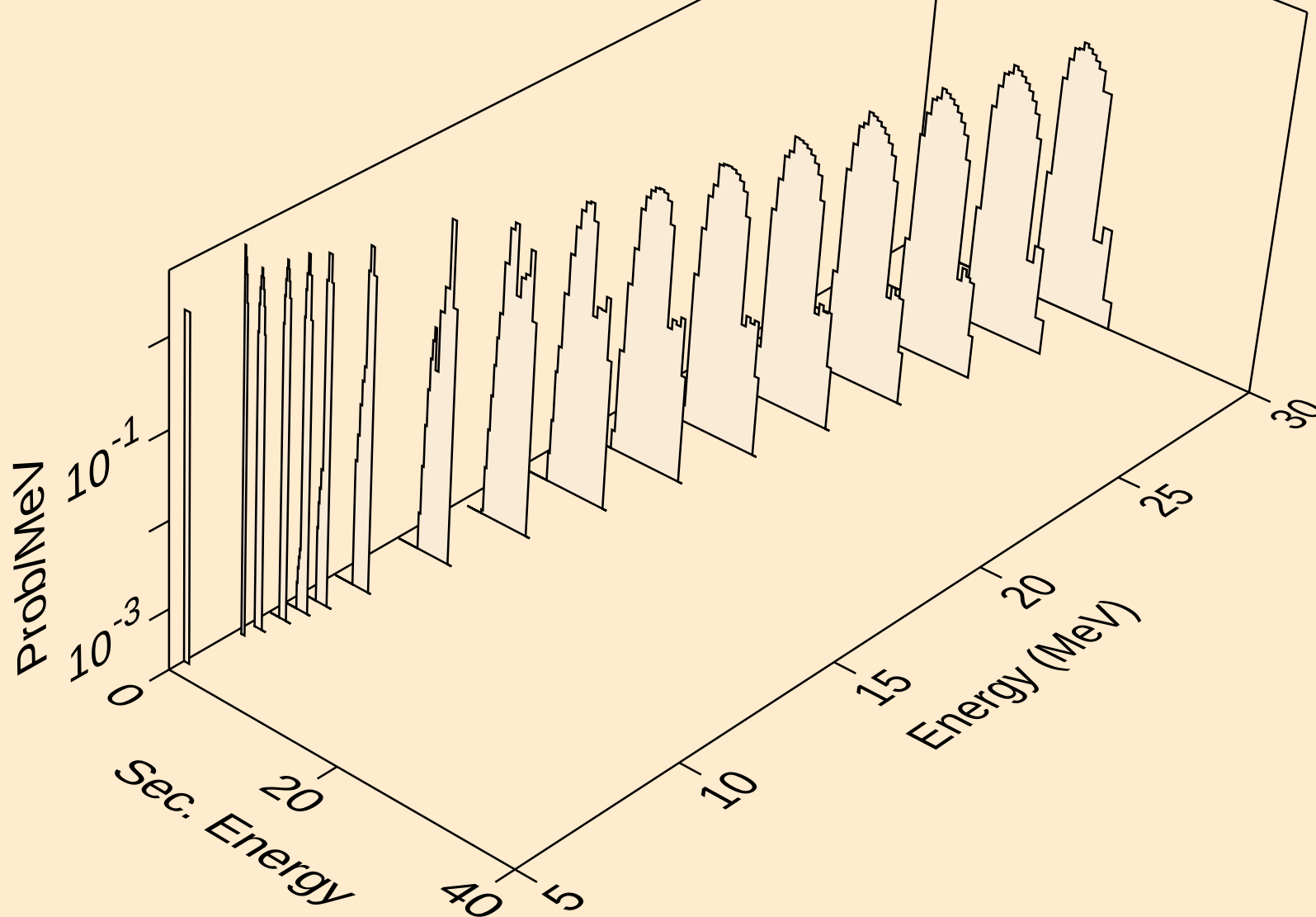
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

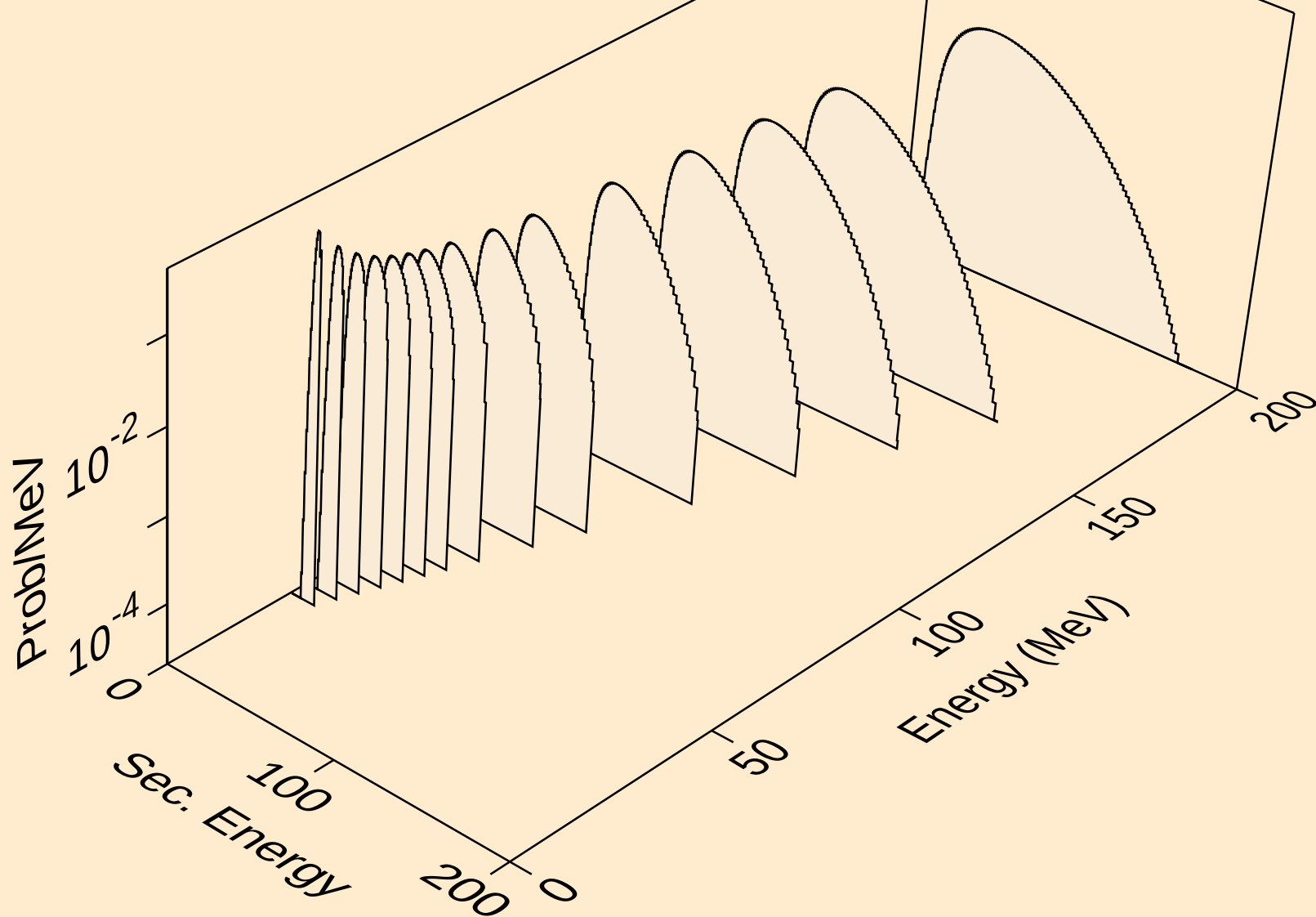


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

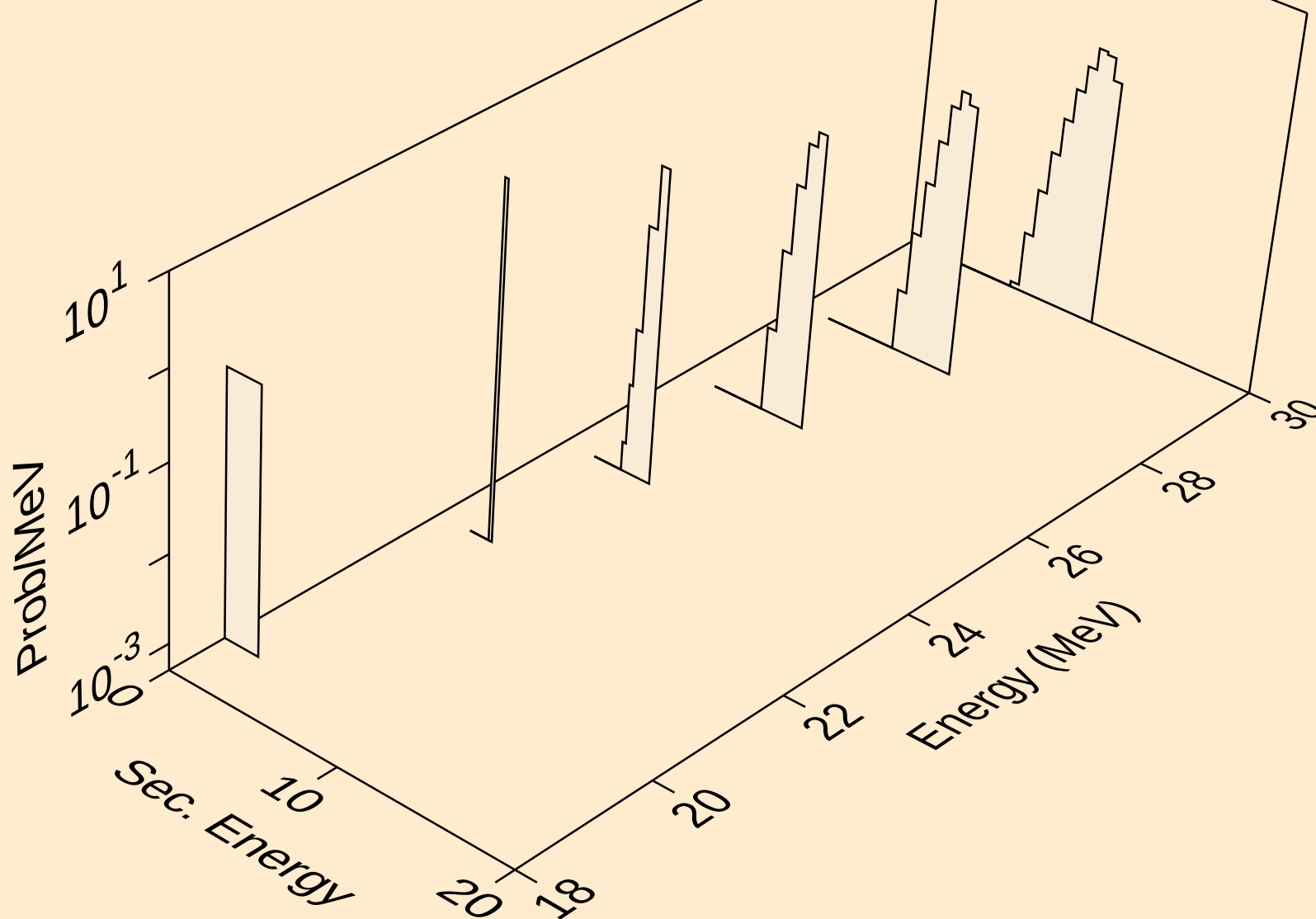




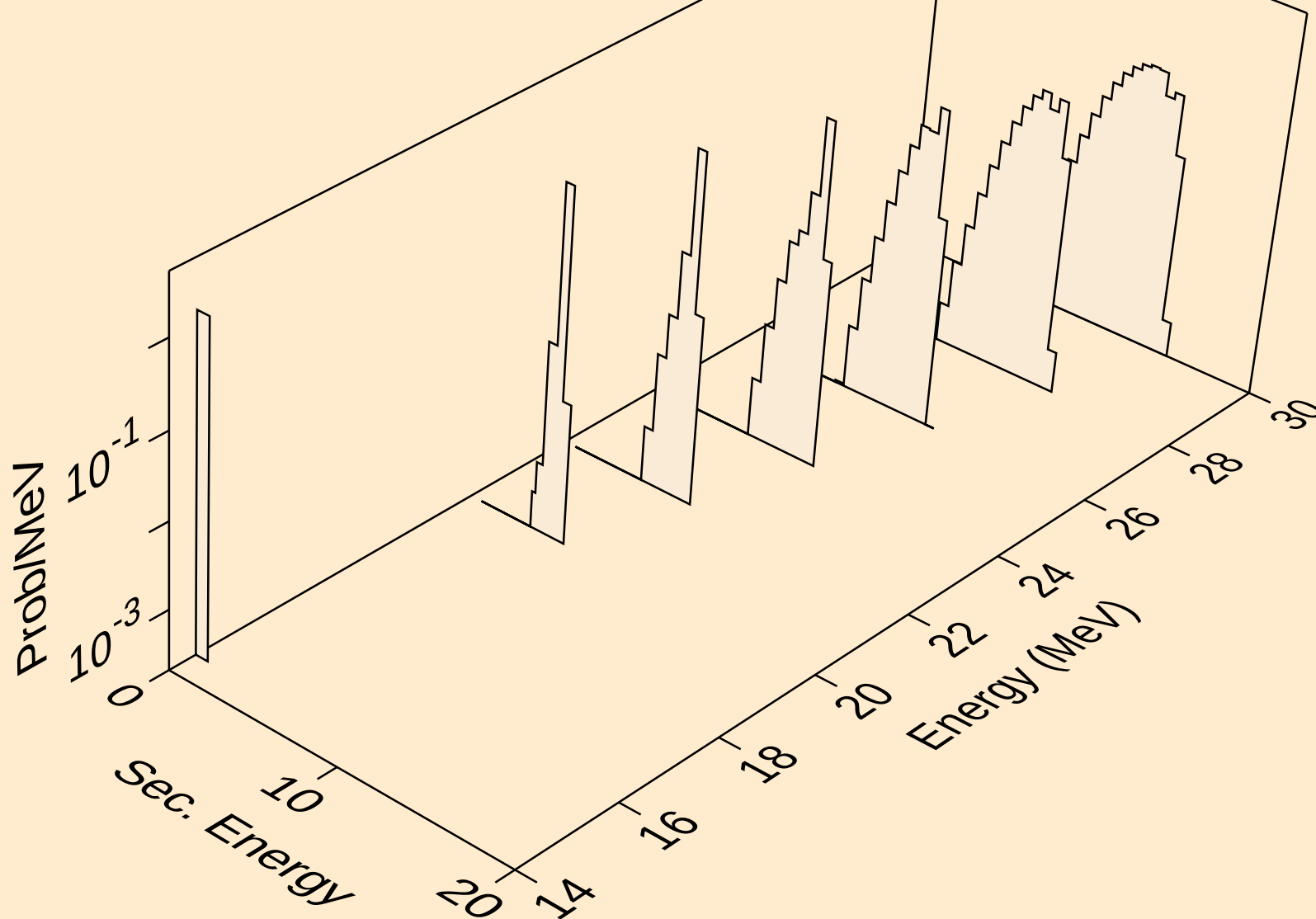
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



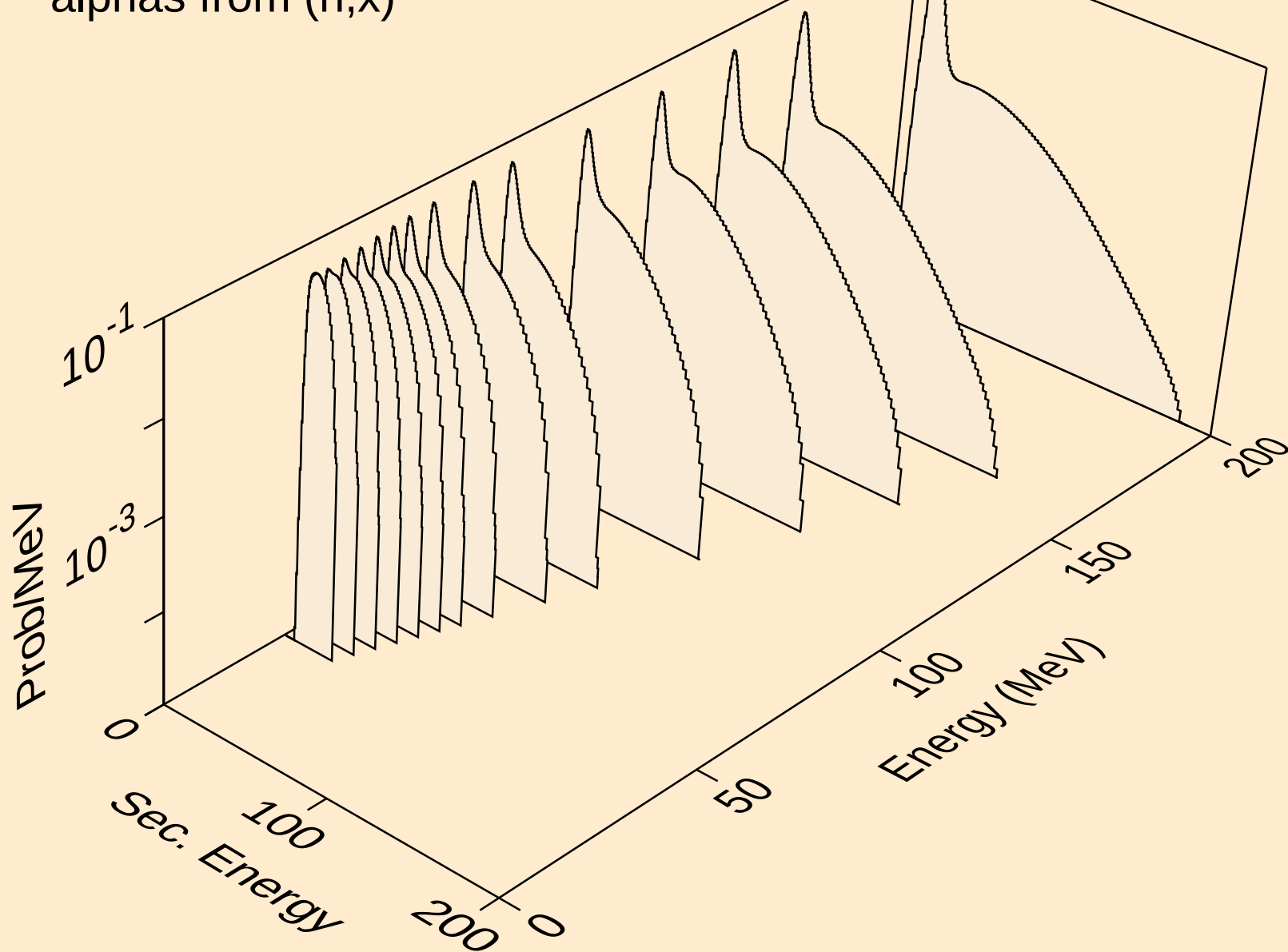
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



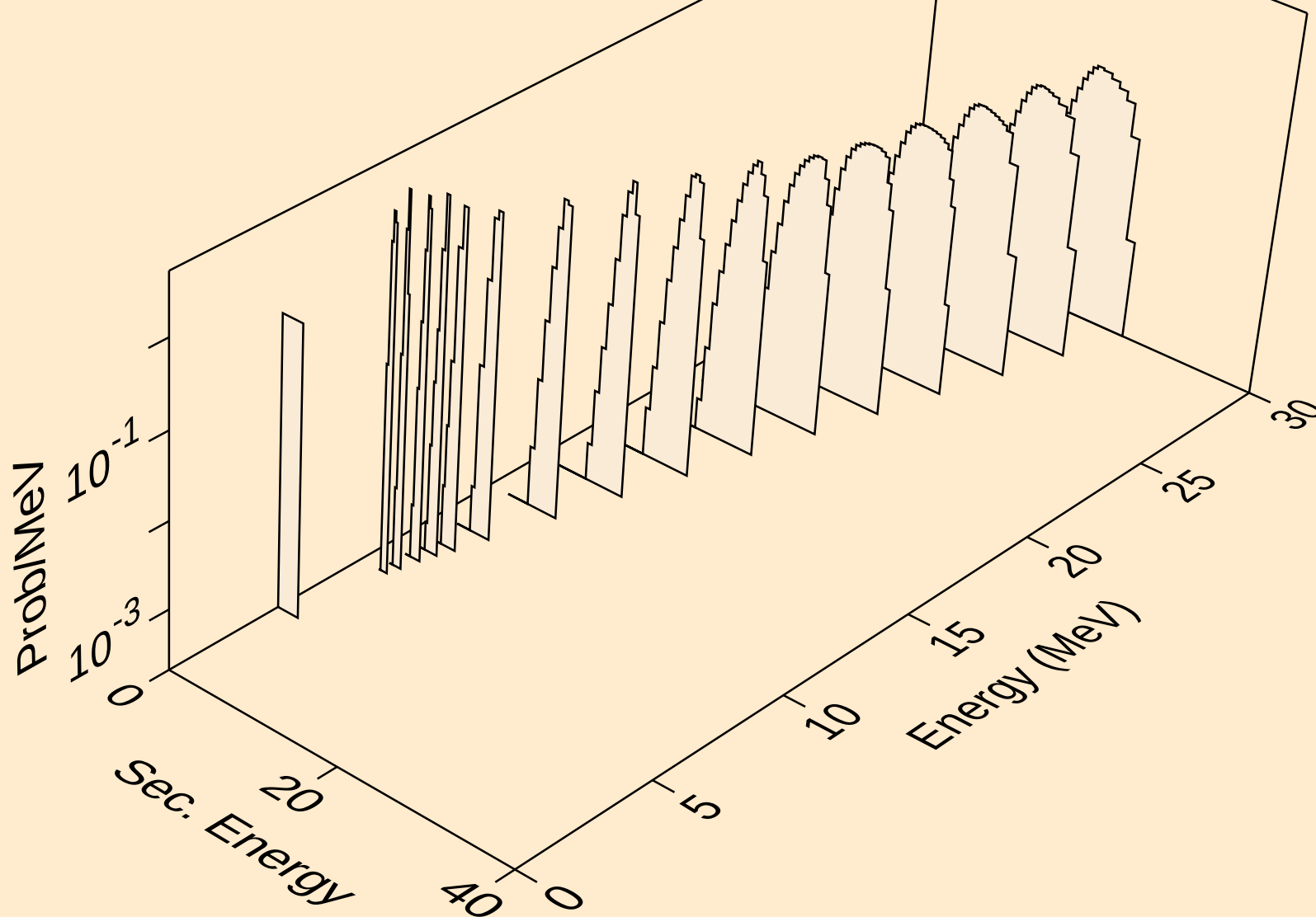
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he3s from (n,he3)



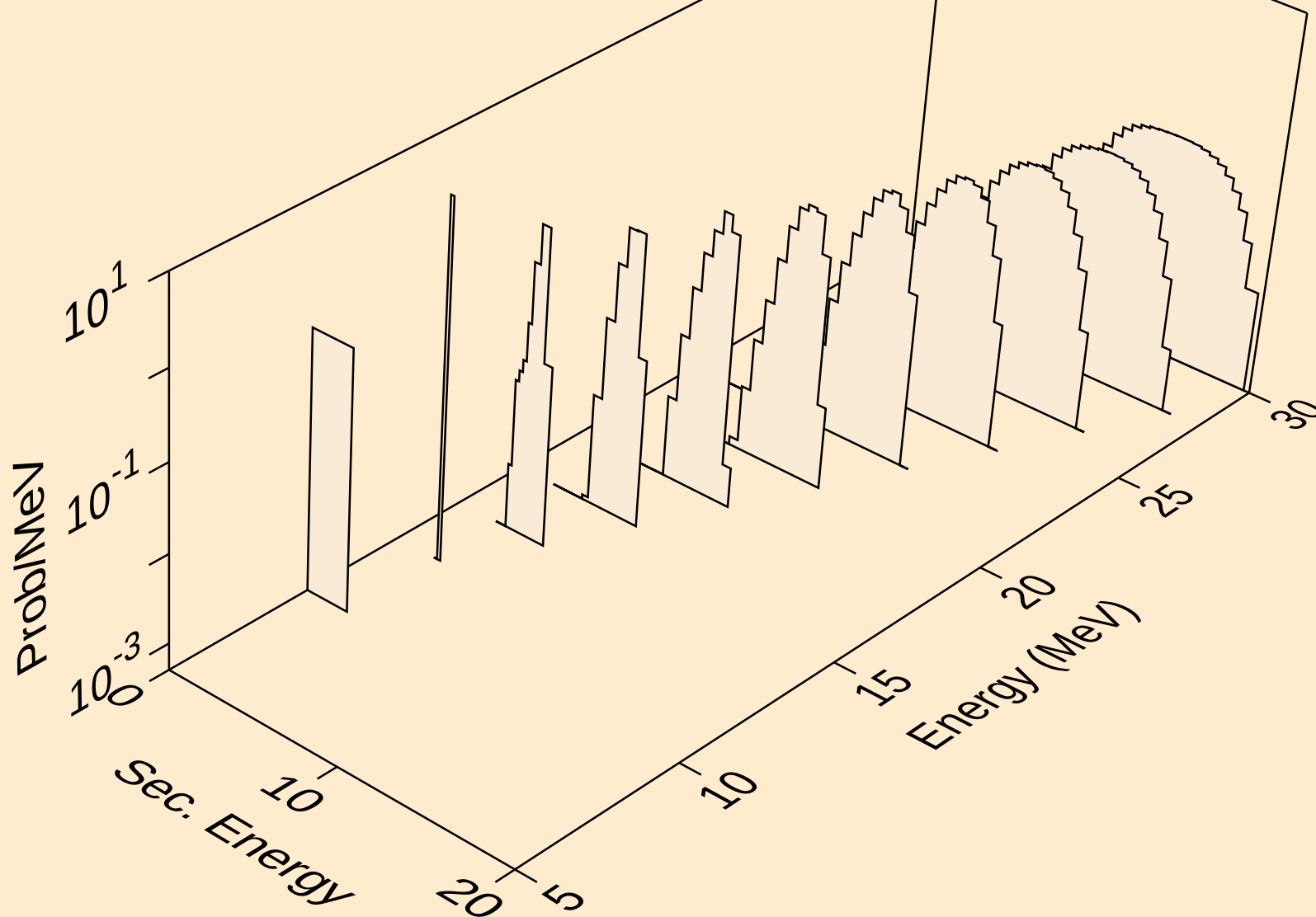
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alphas from (n,x)



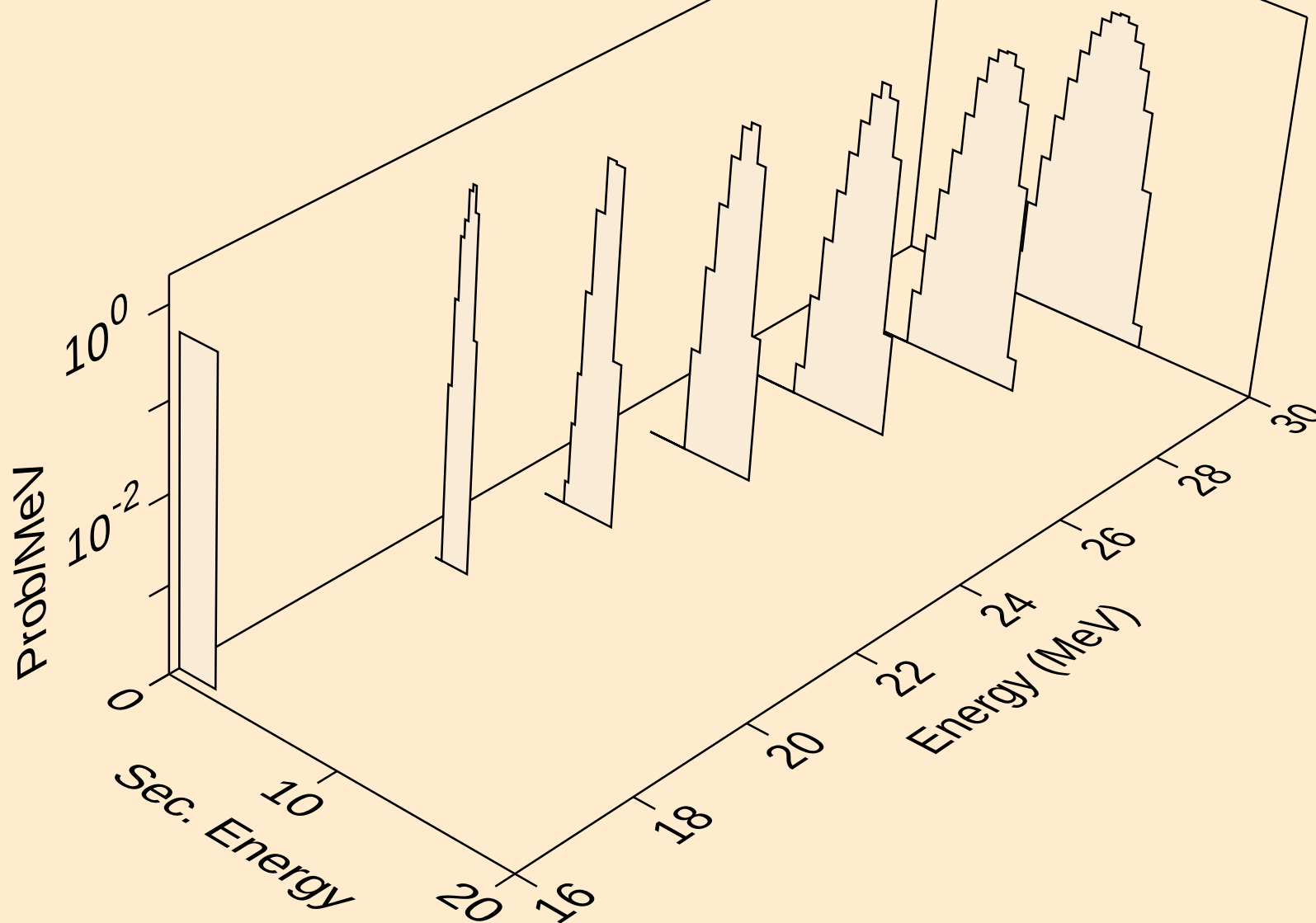
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alphas from (n,n\*)a



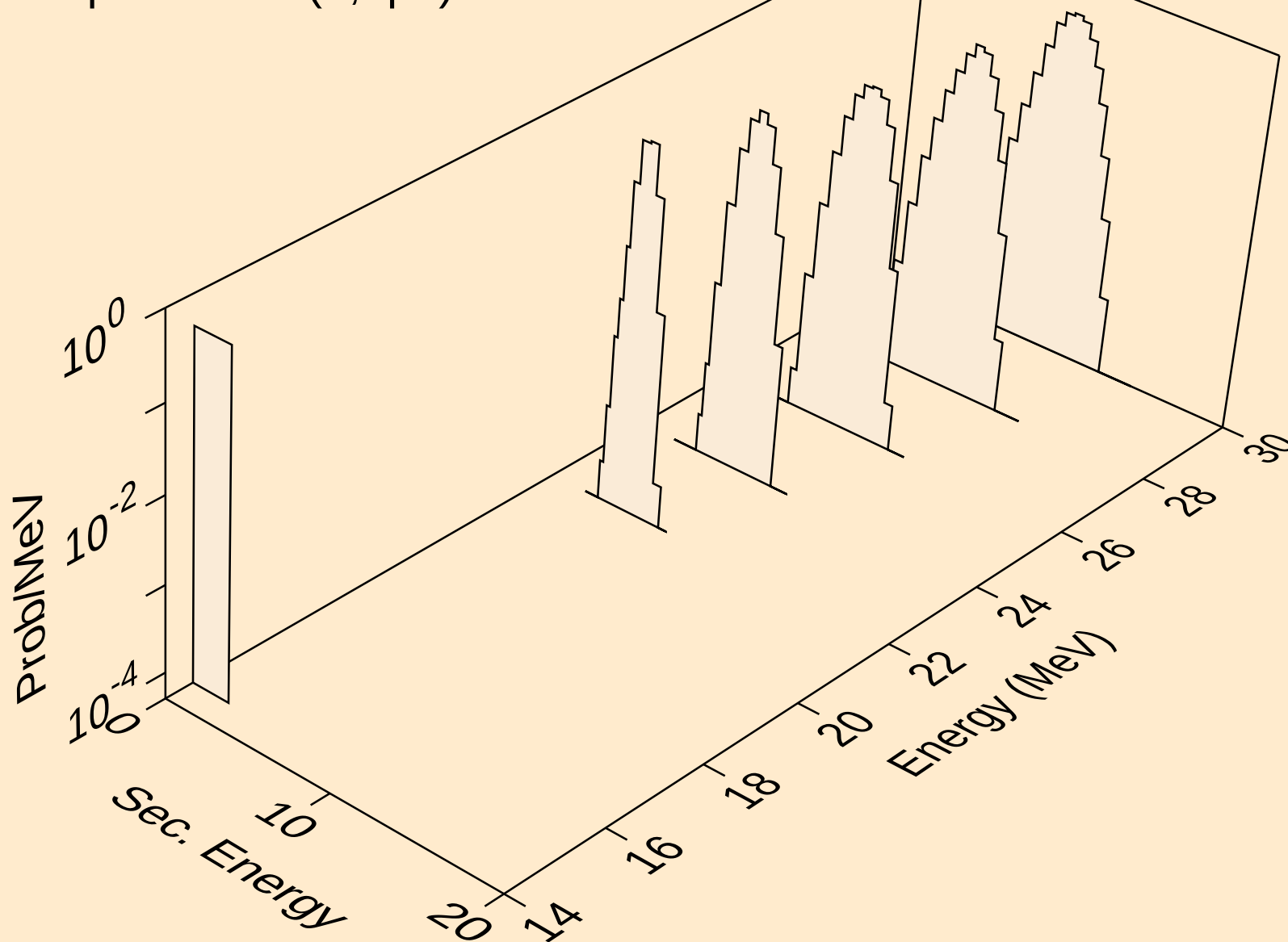
NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

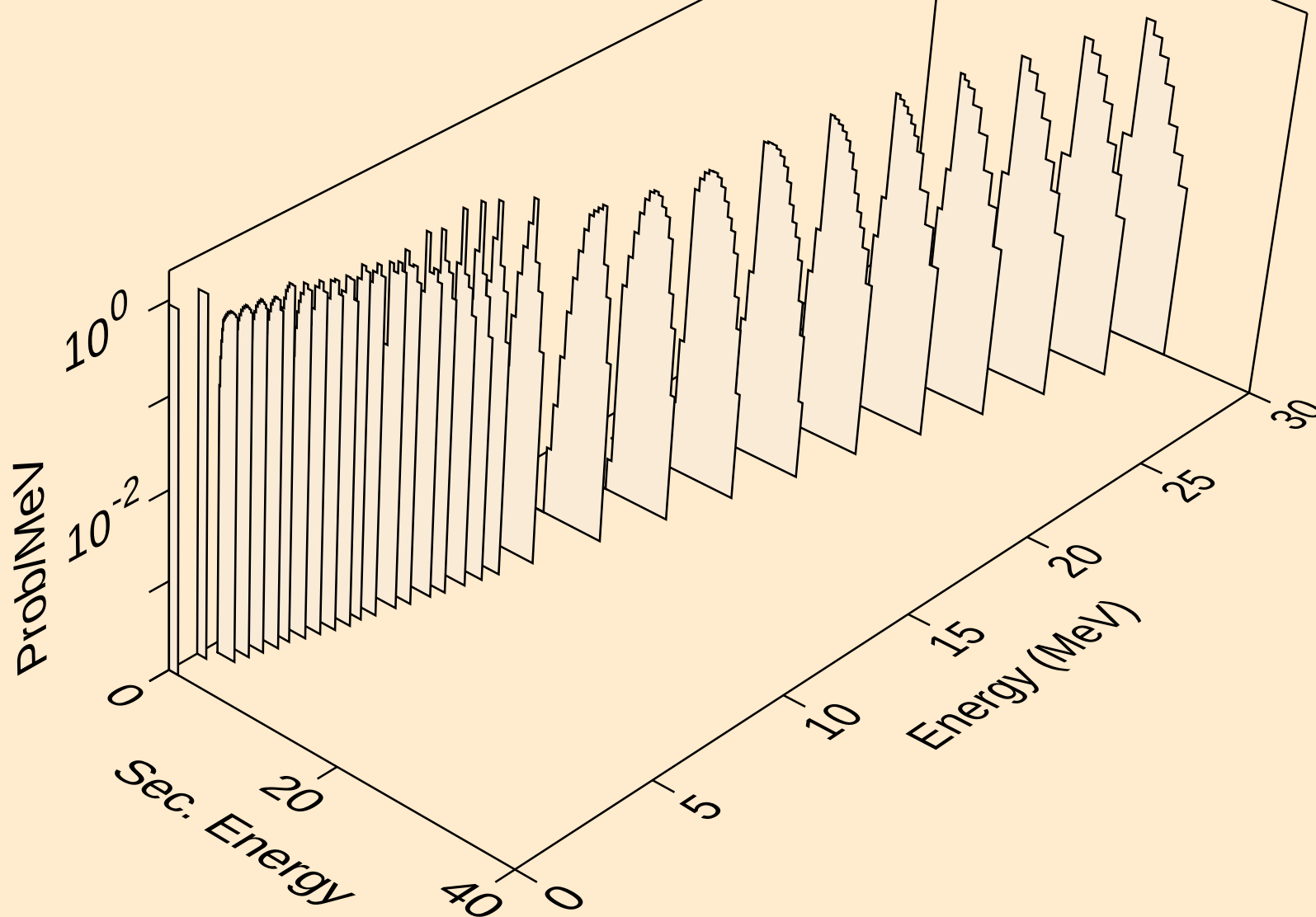


NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

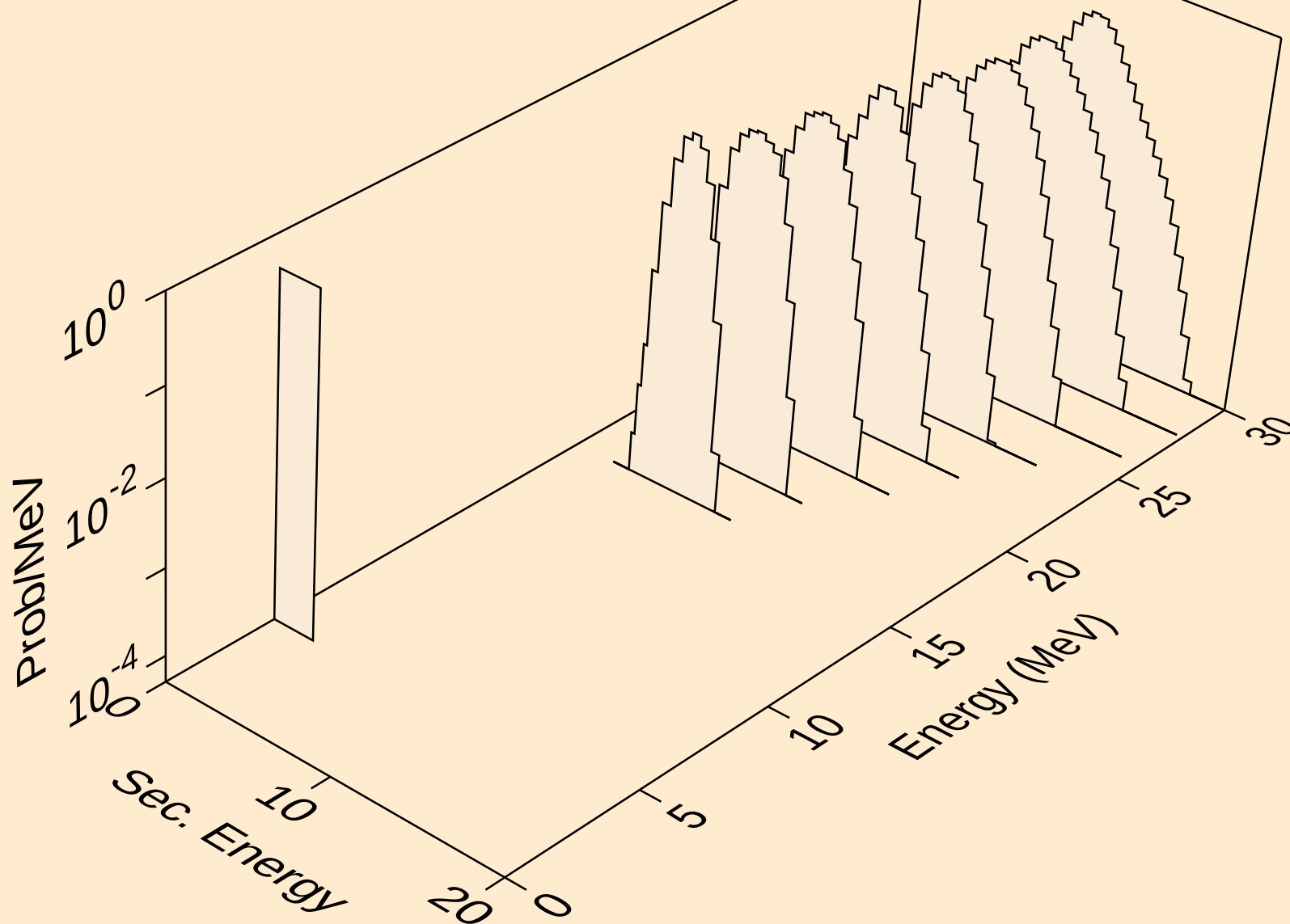




NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



NB100 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

