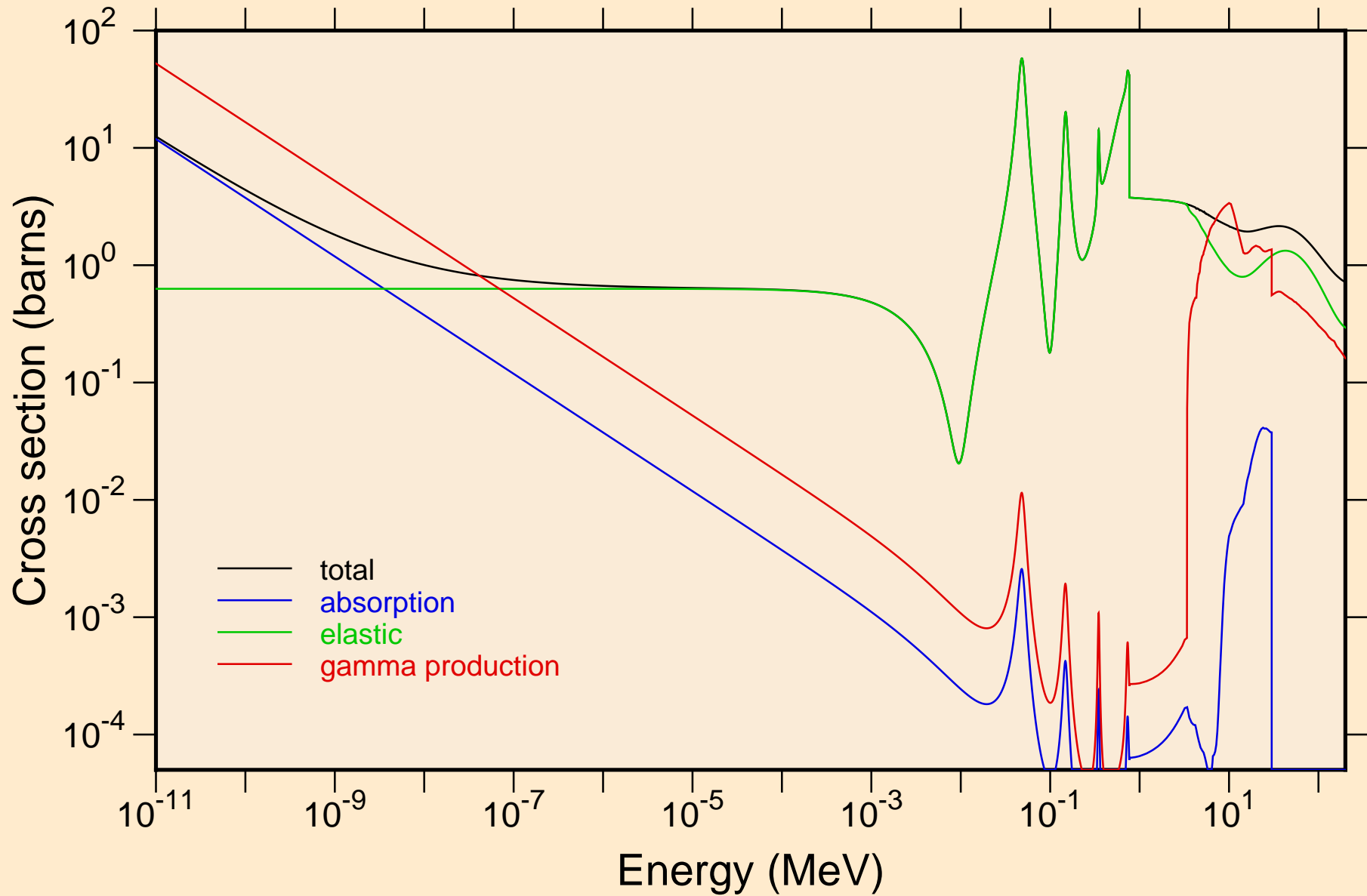


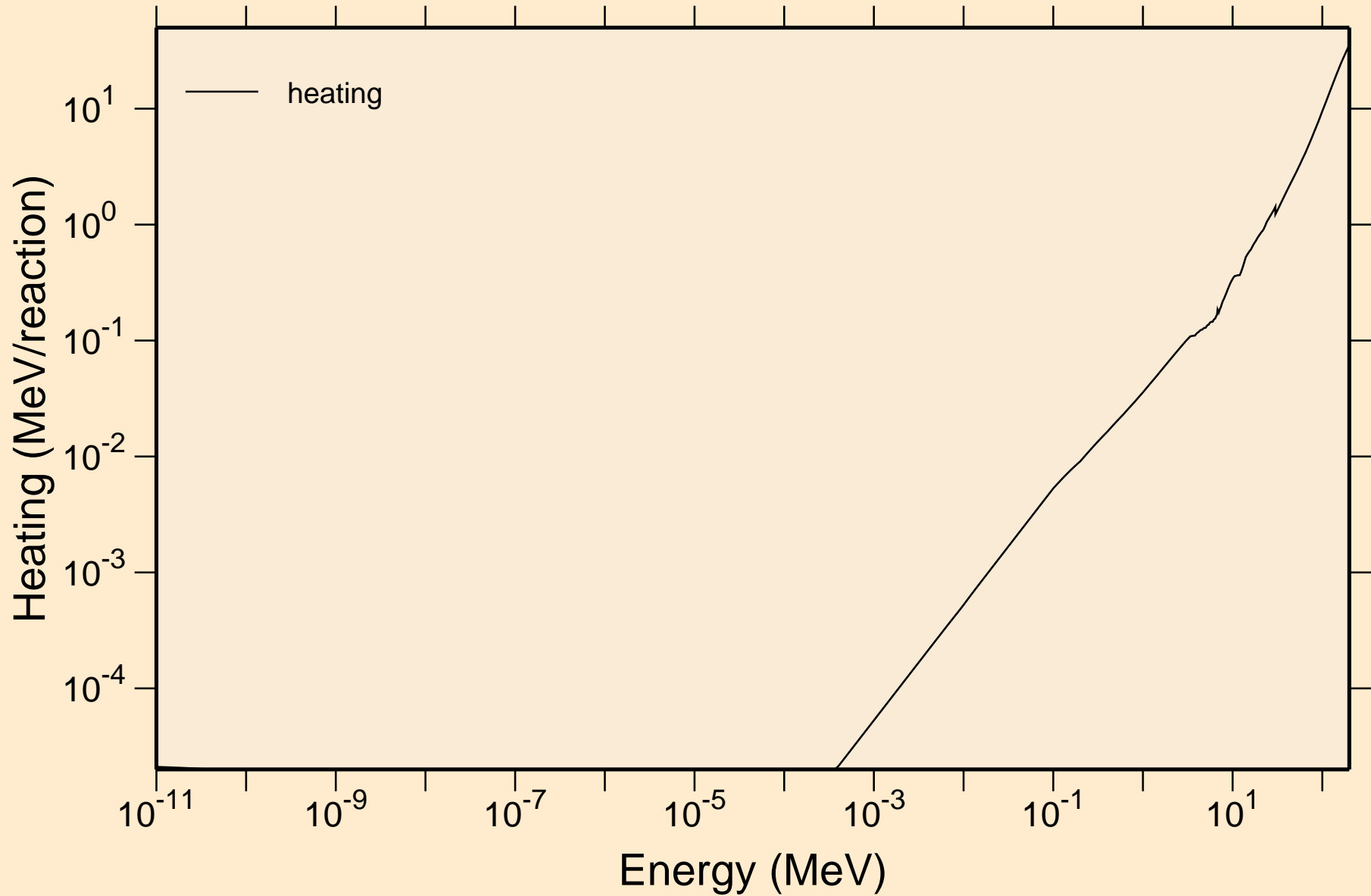
# S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



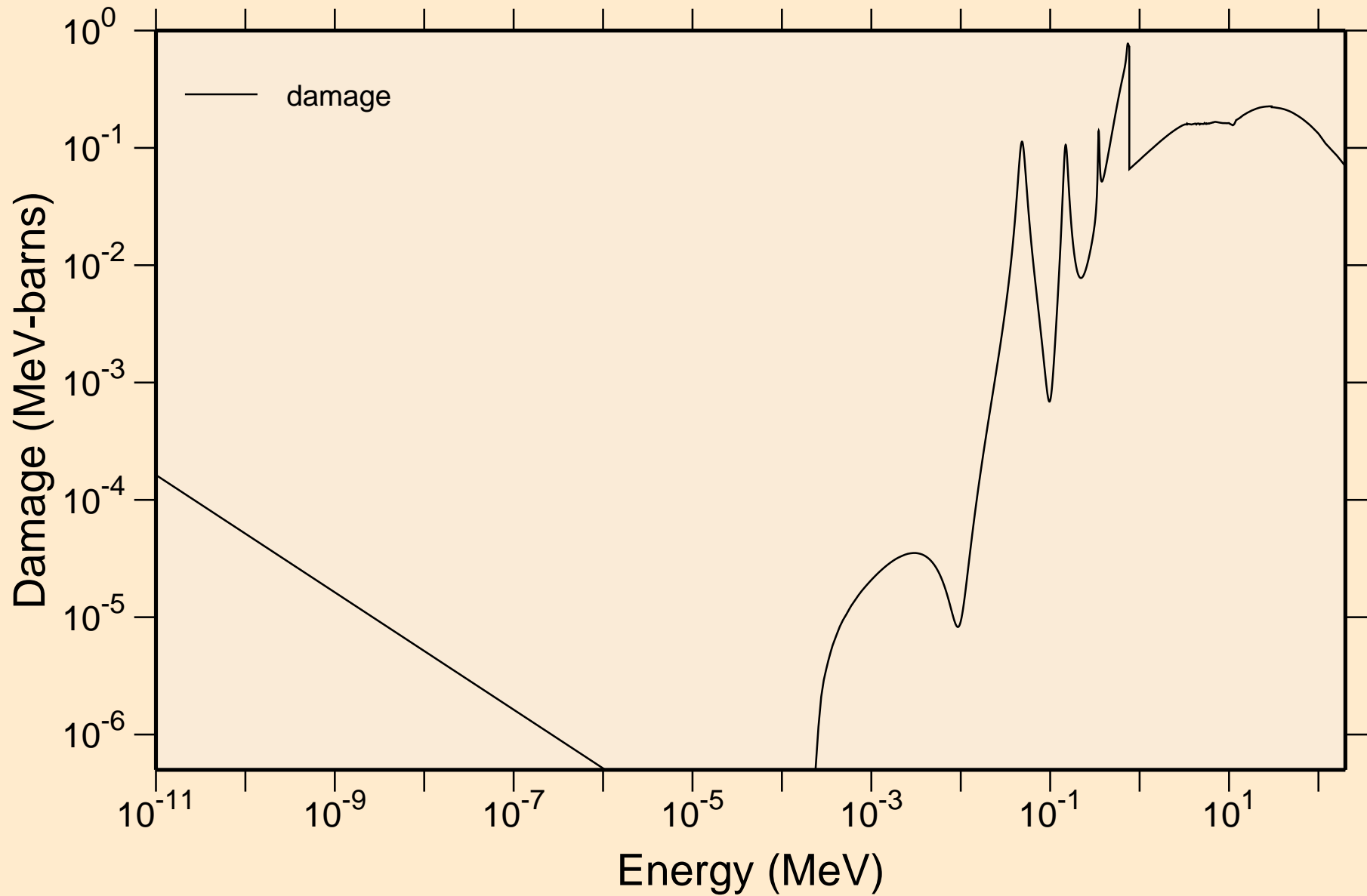
# S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

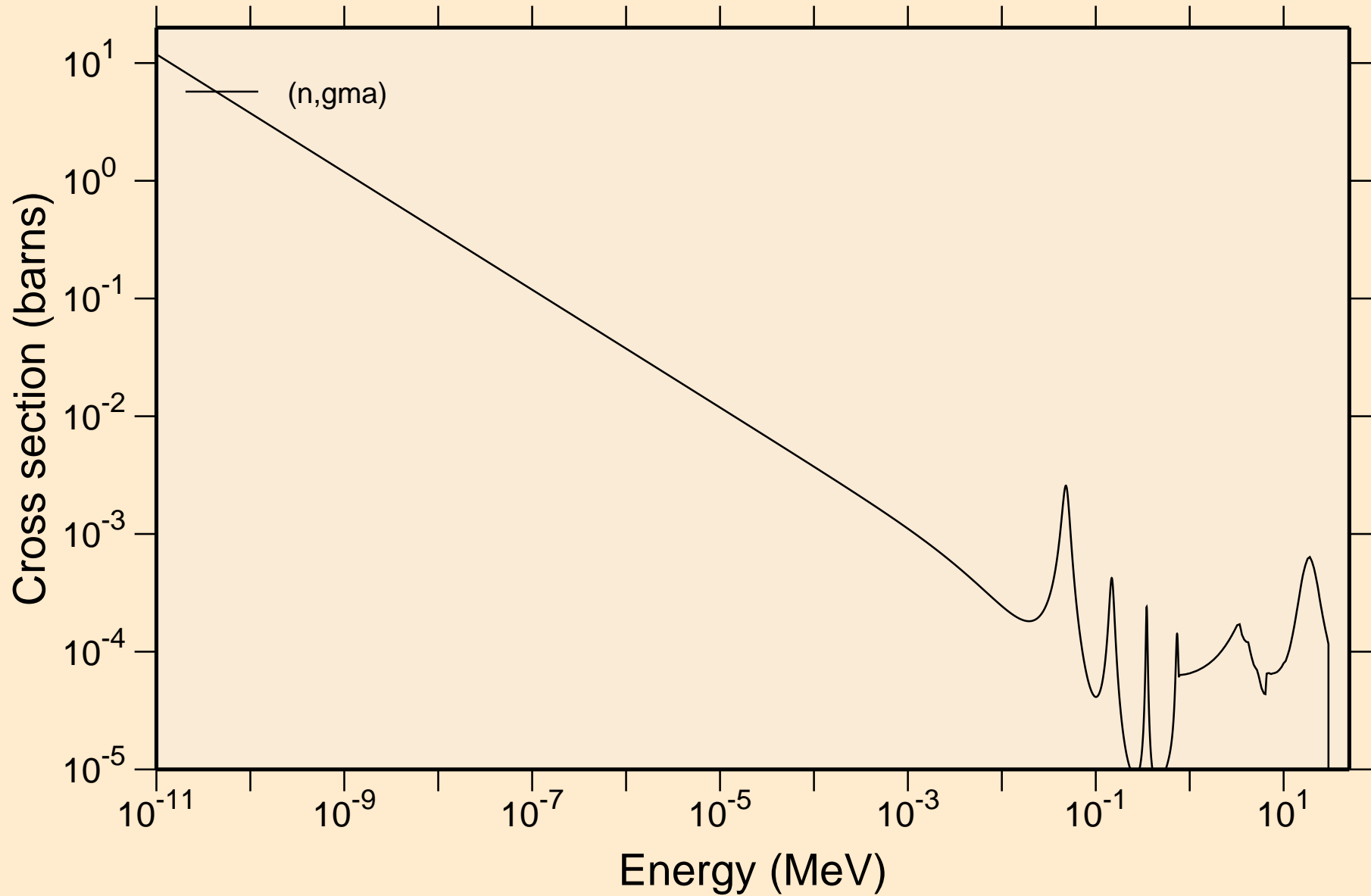


# S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

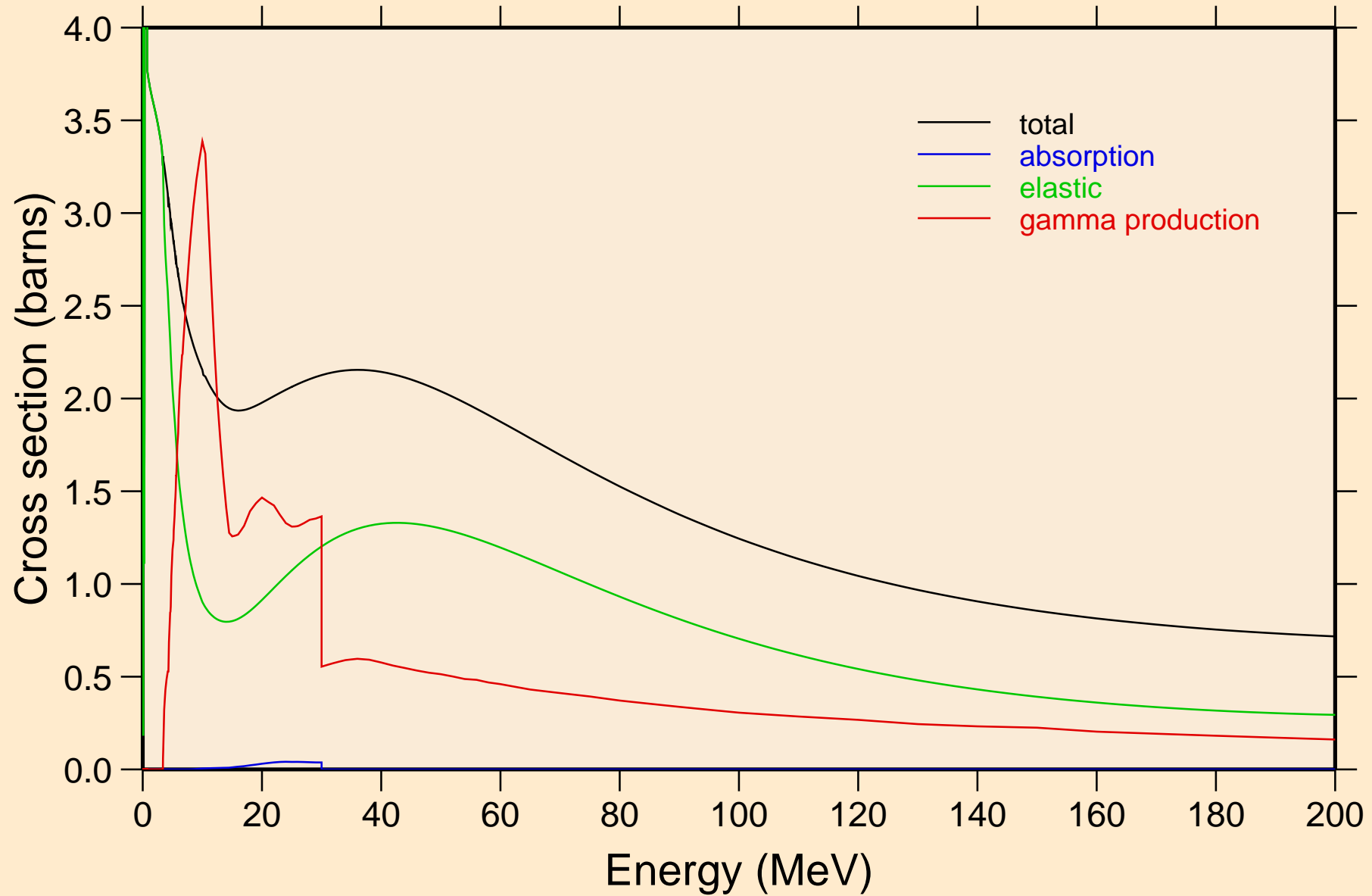


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



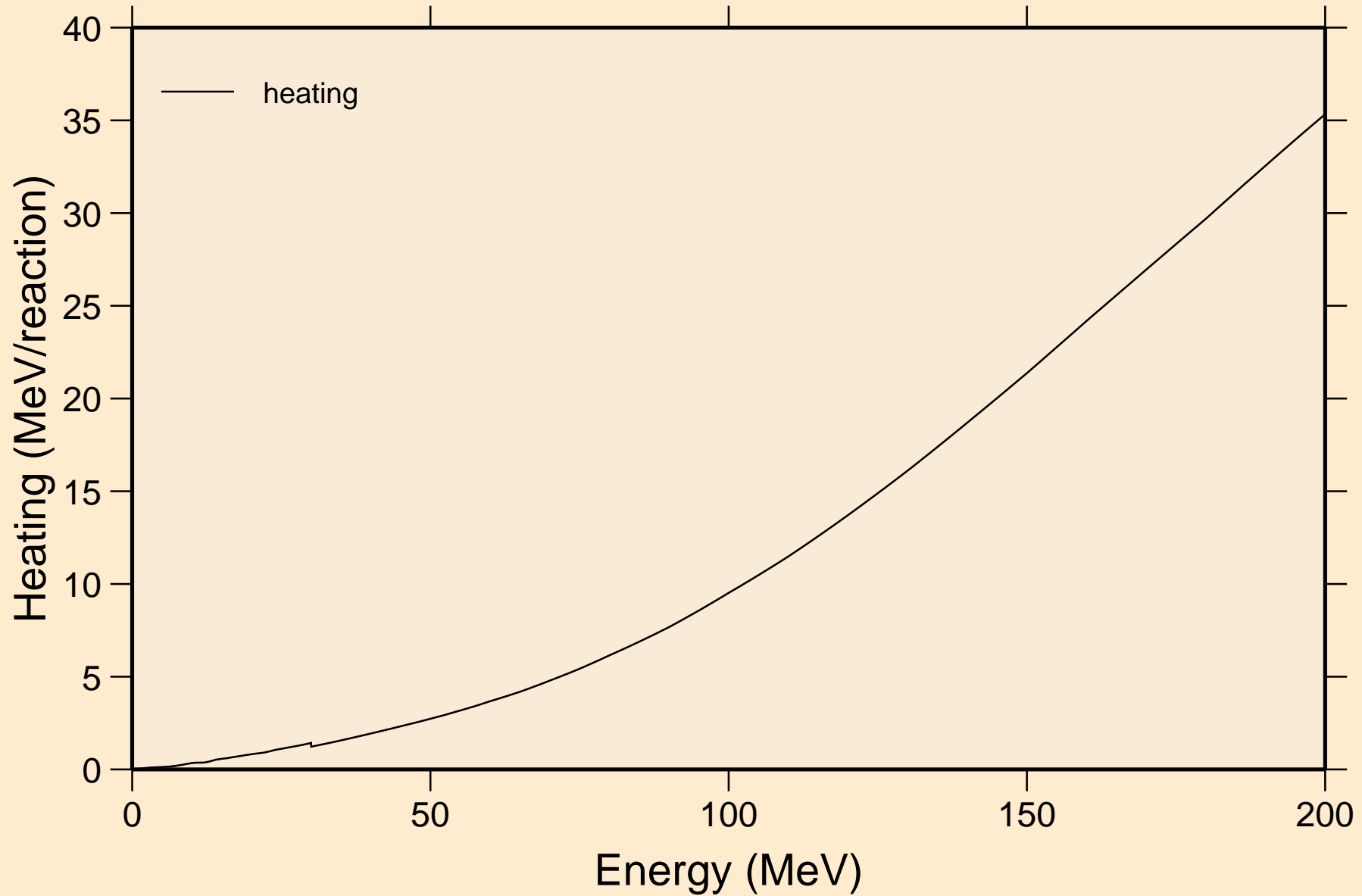
# S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



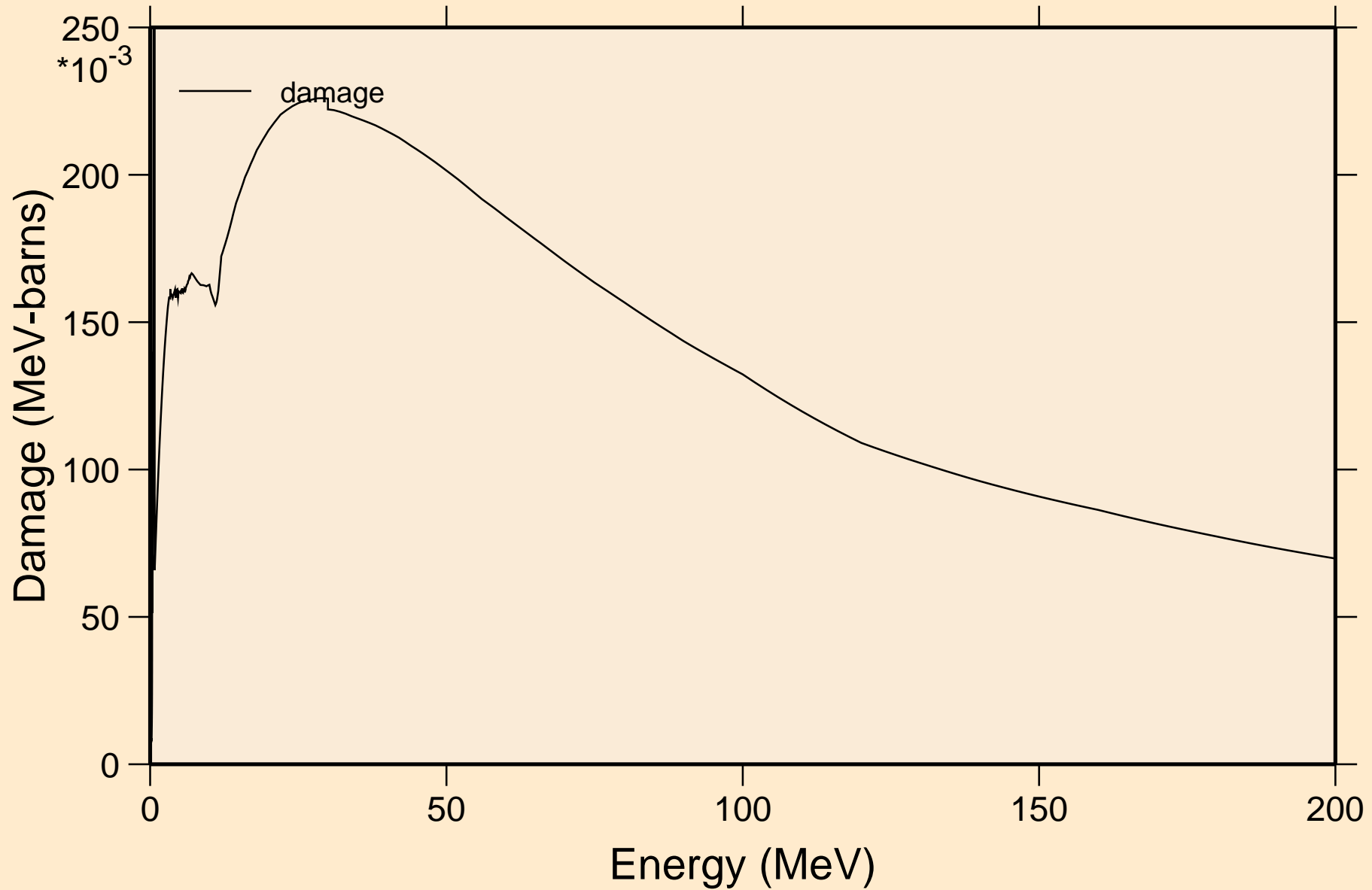
# S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

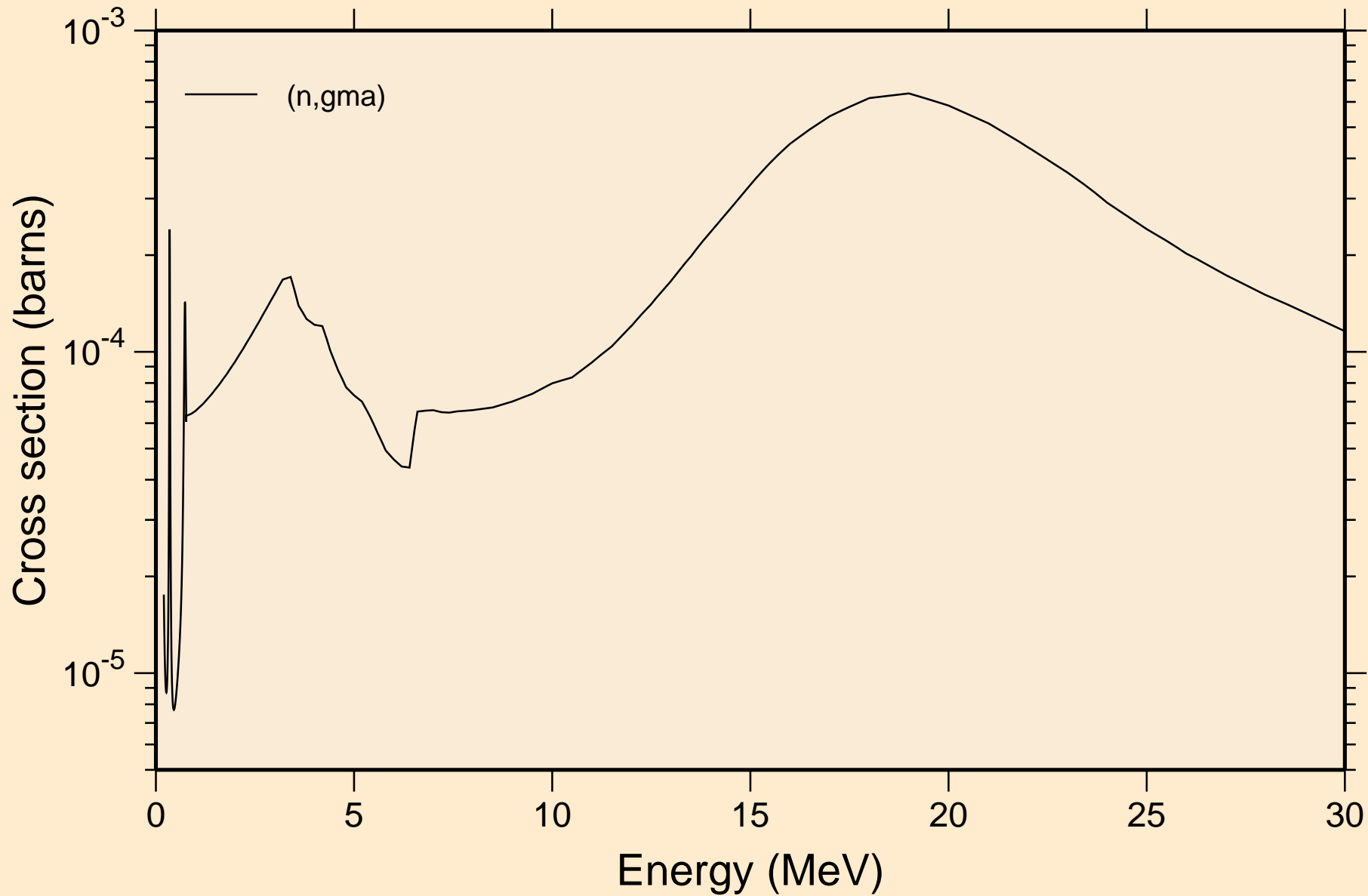


# S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

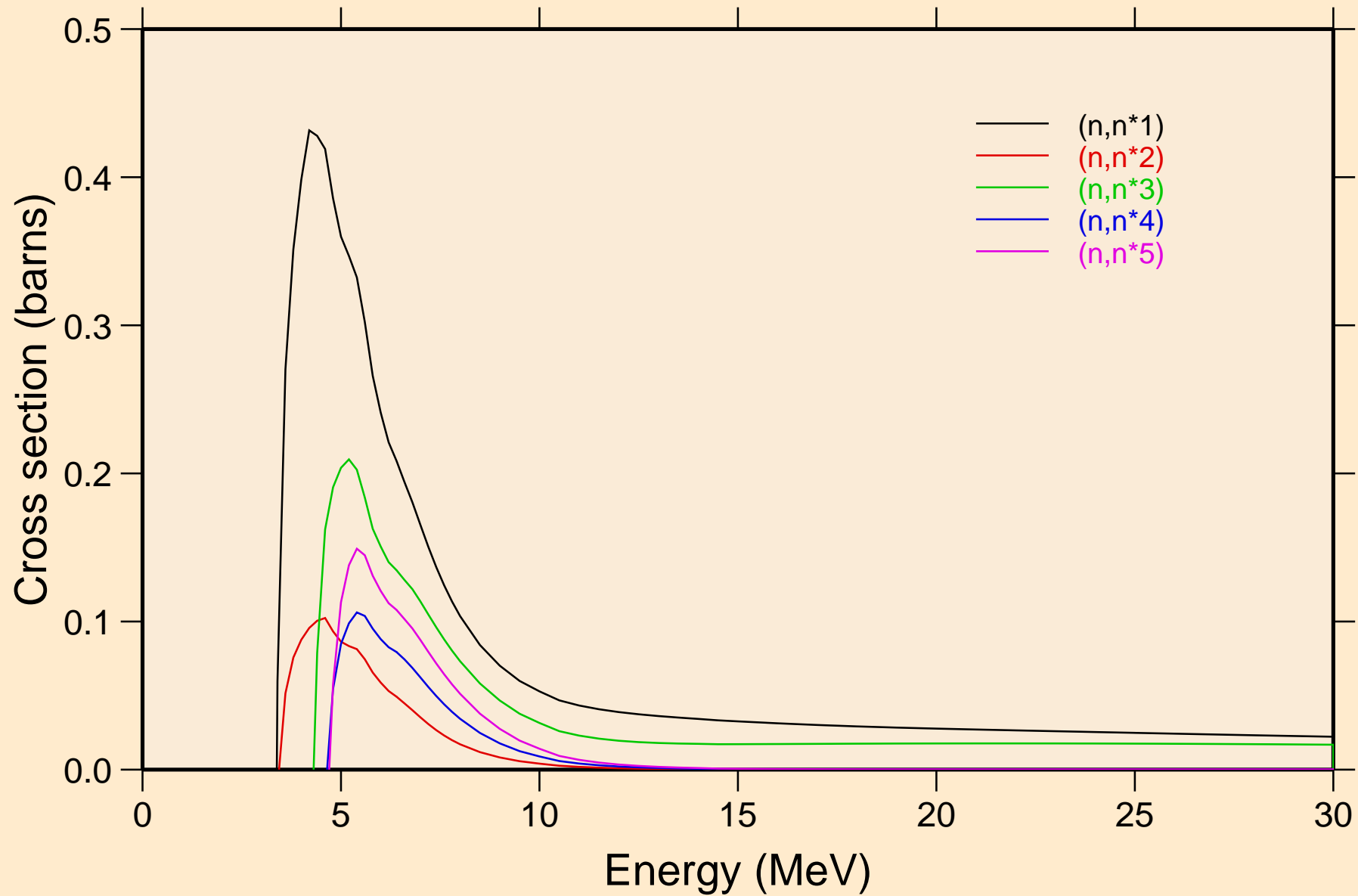


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

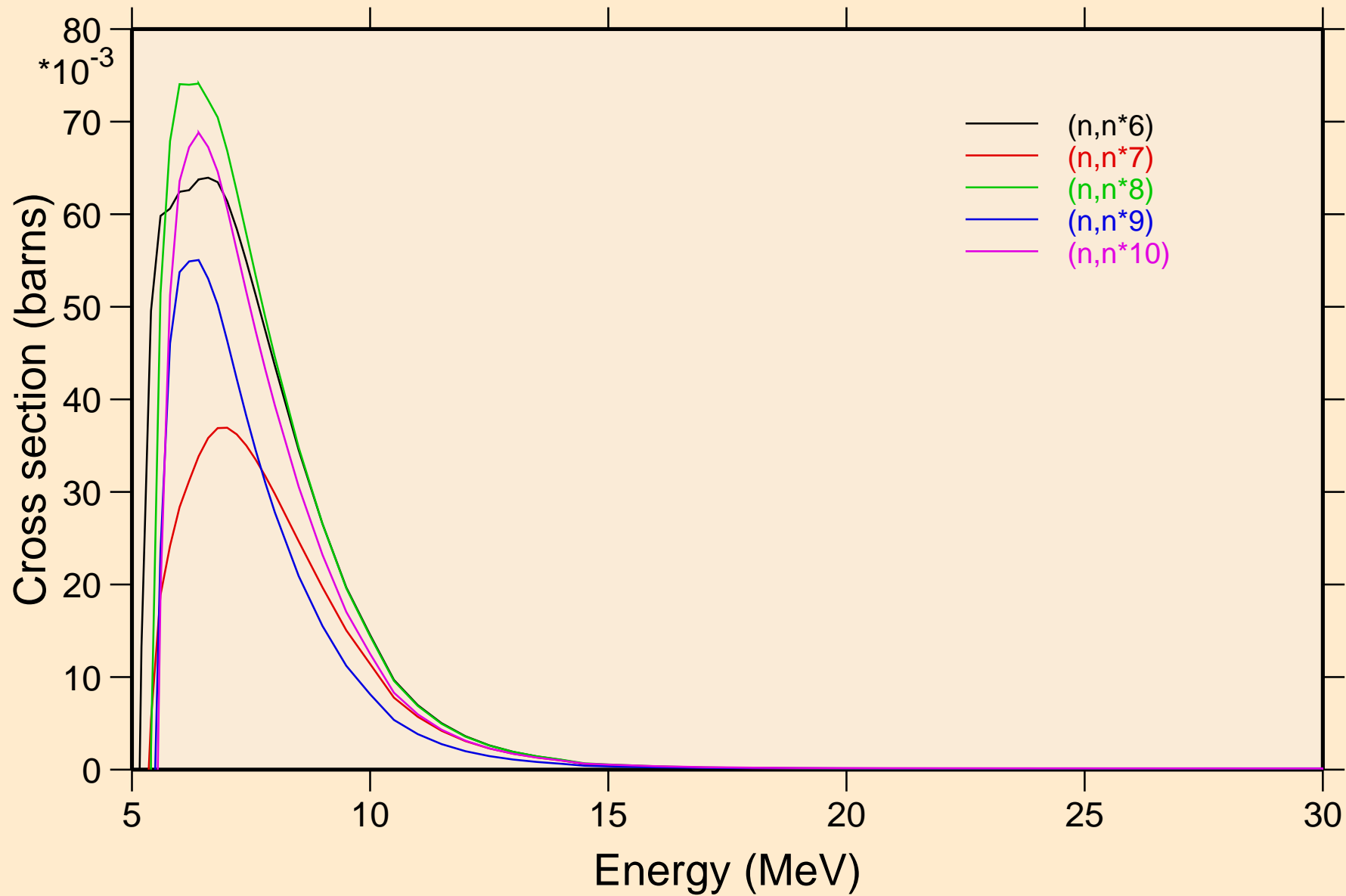




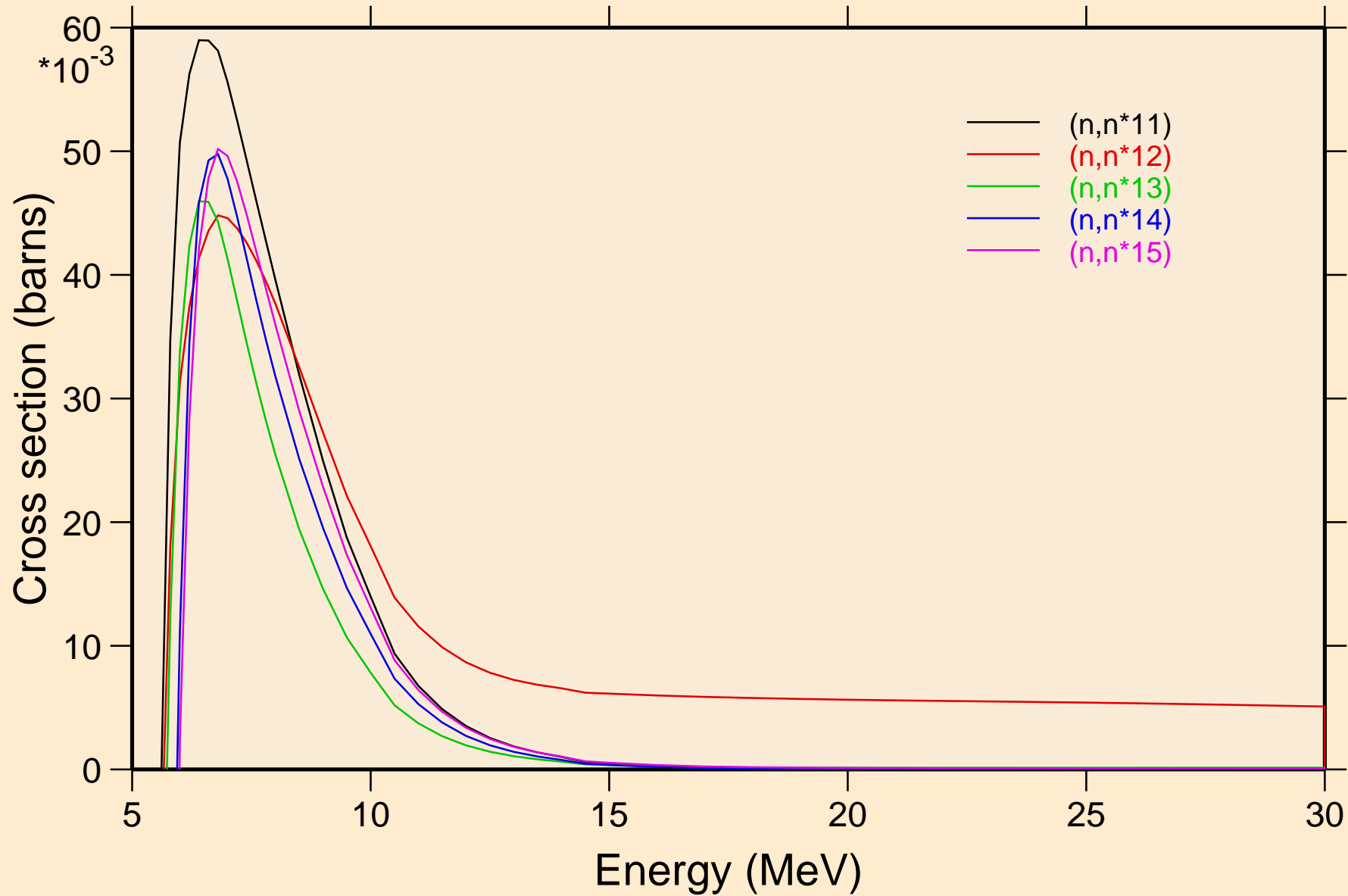
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



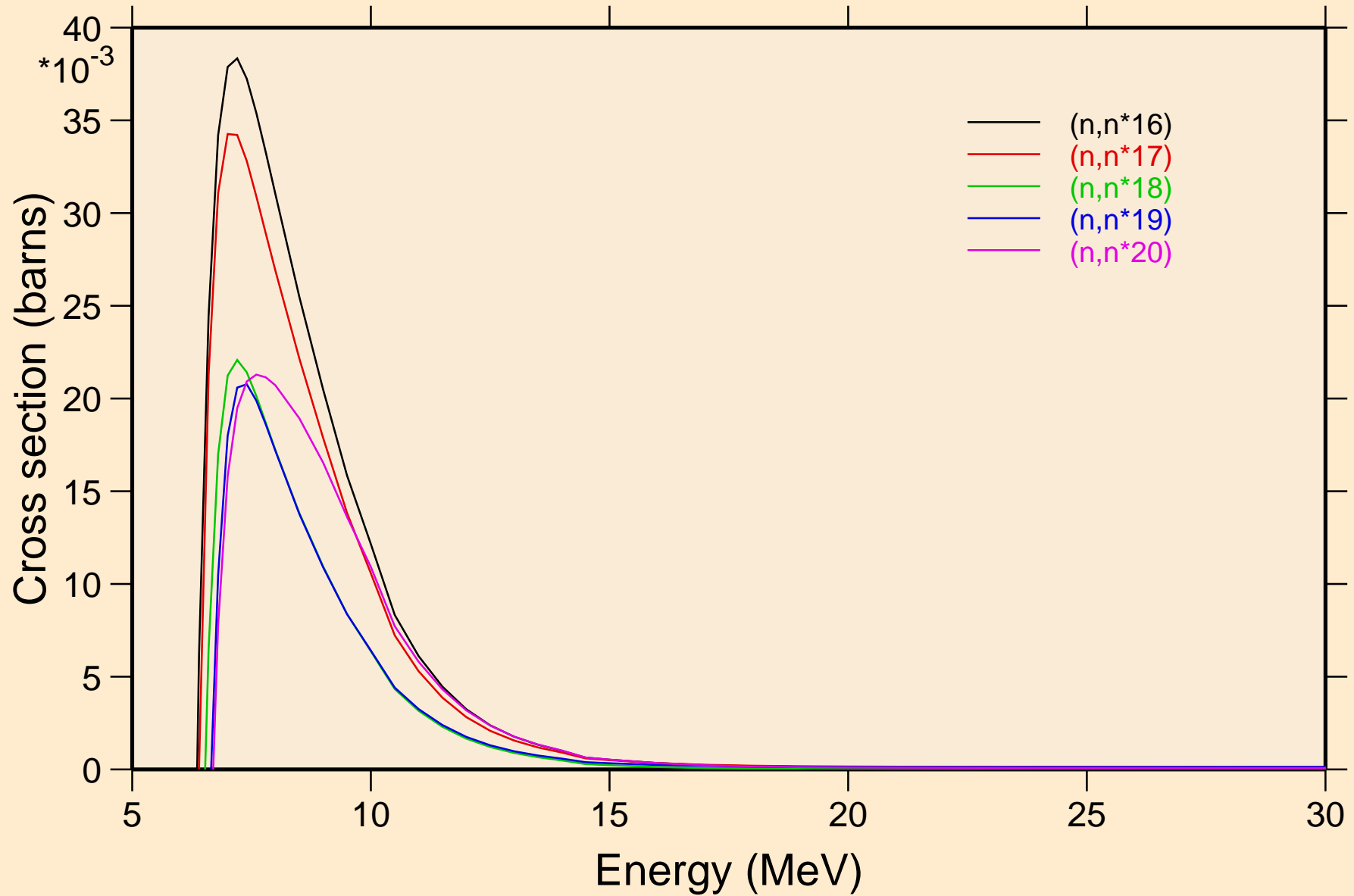
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



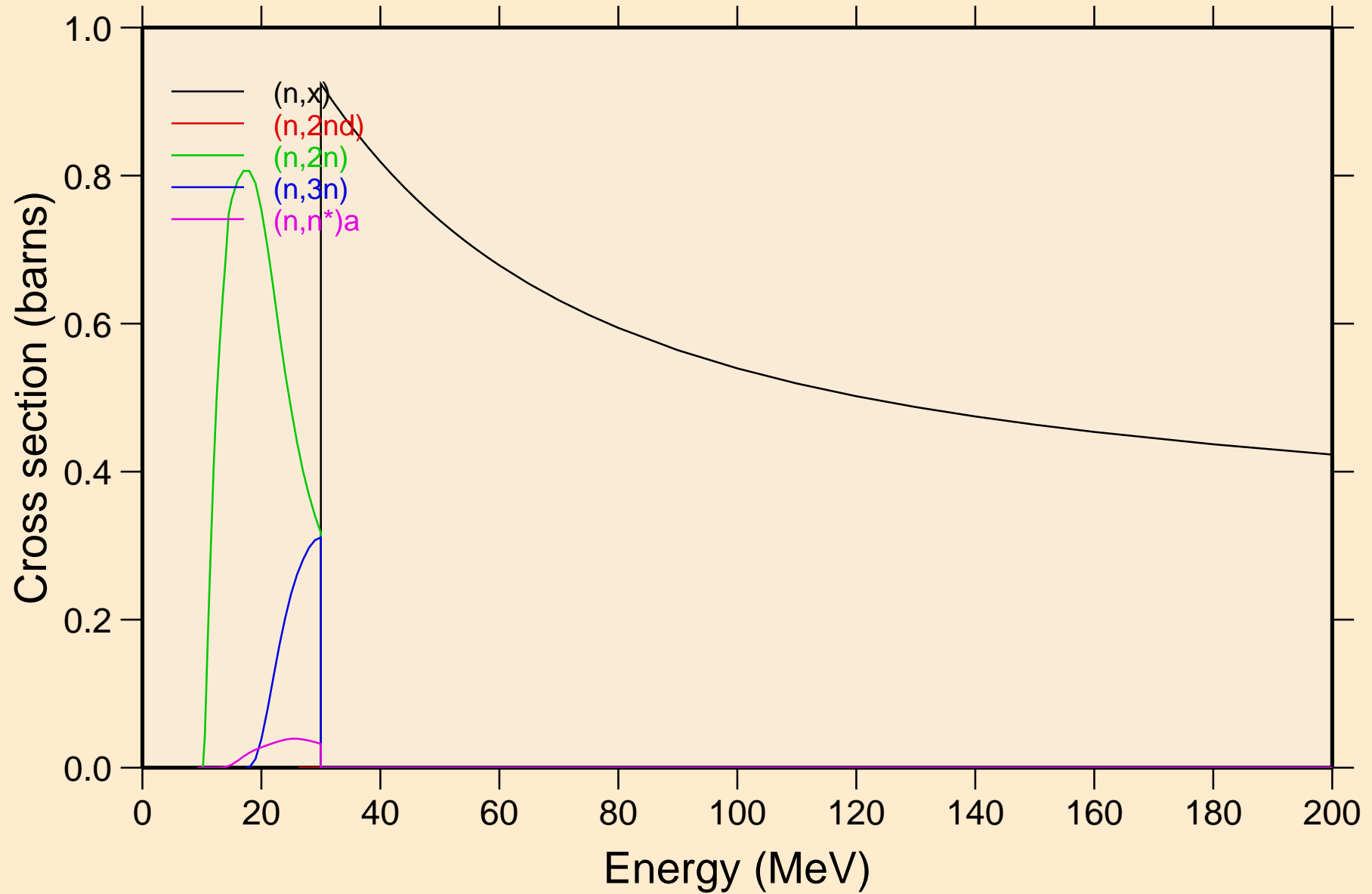
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



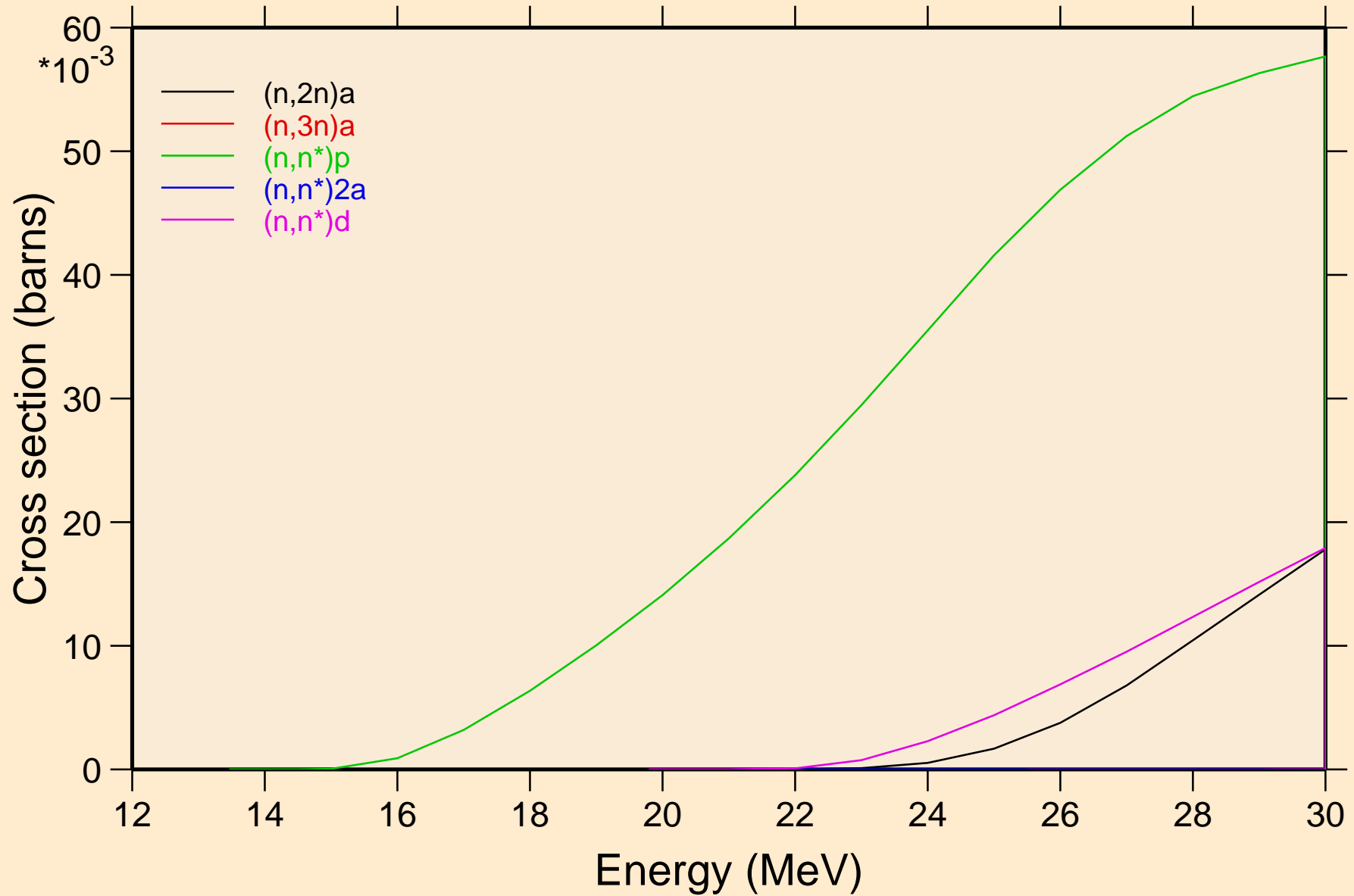
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

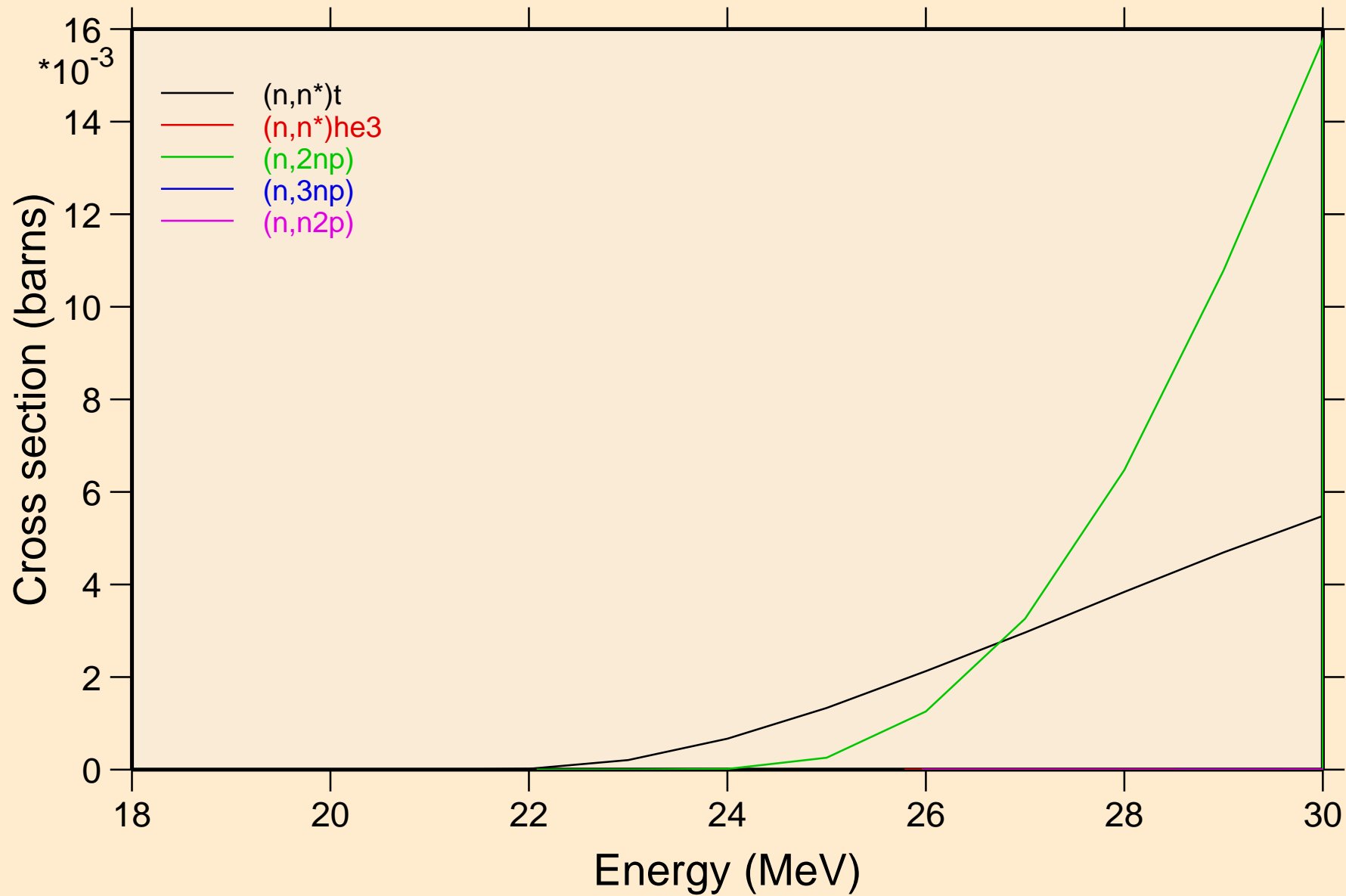


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



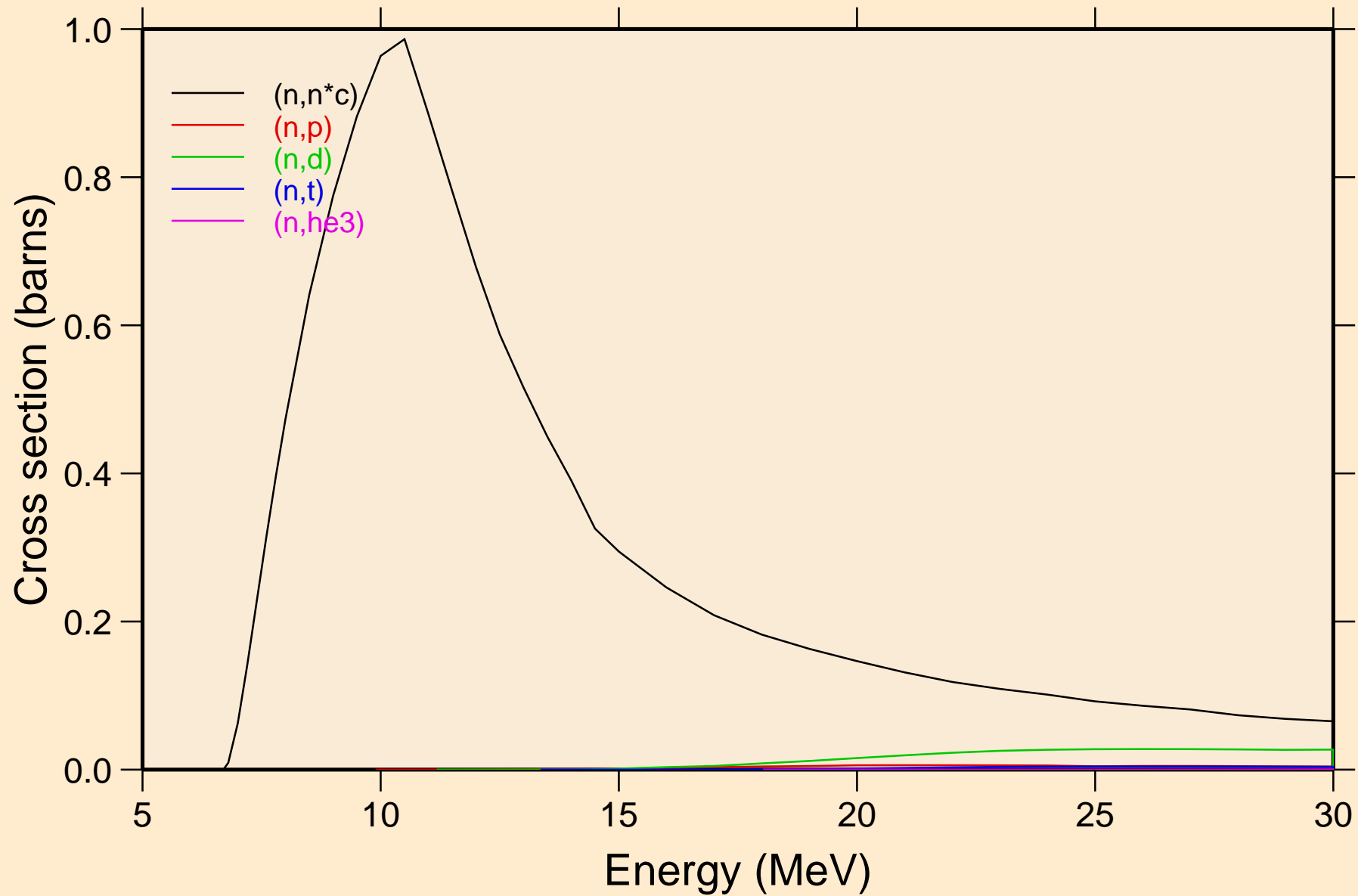
# S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

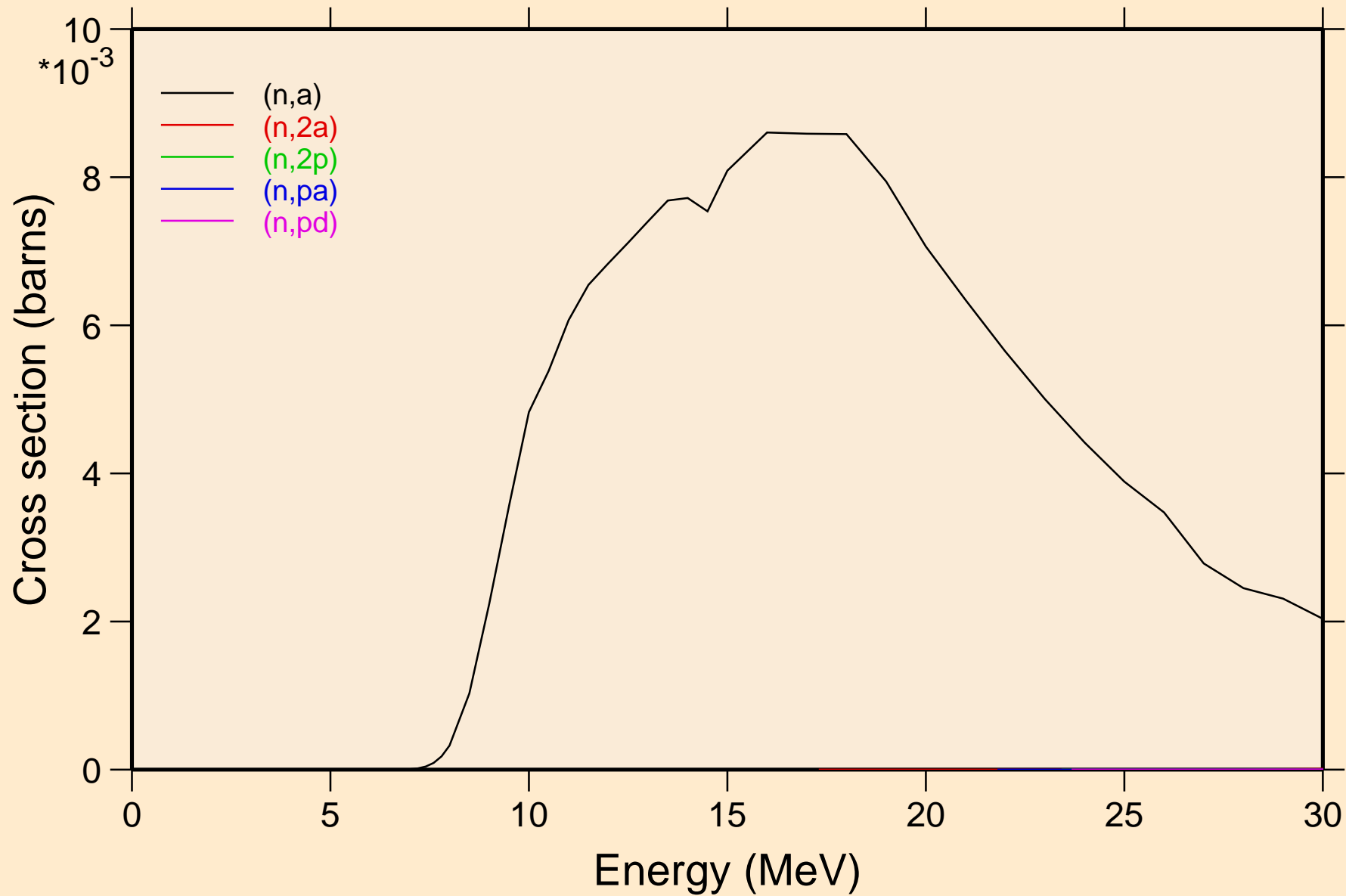
## Threshold reactions



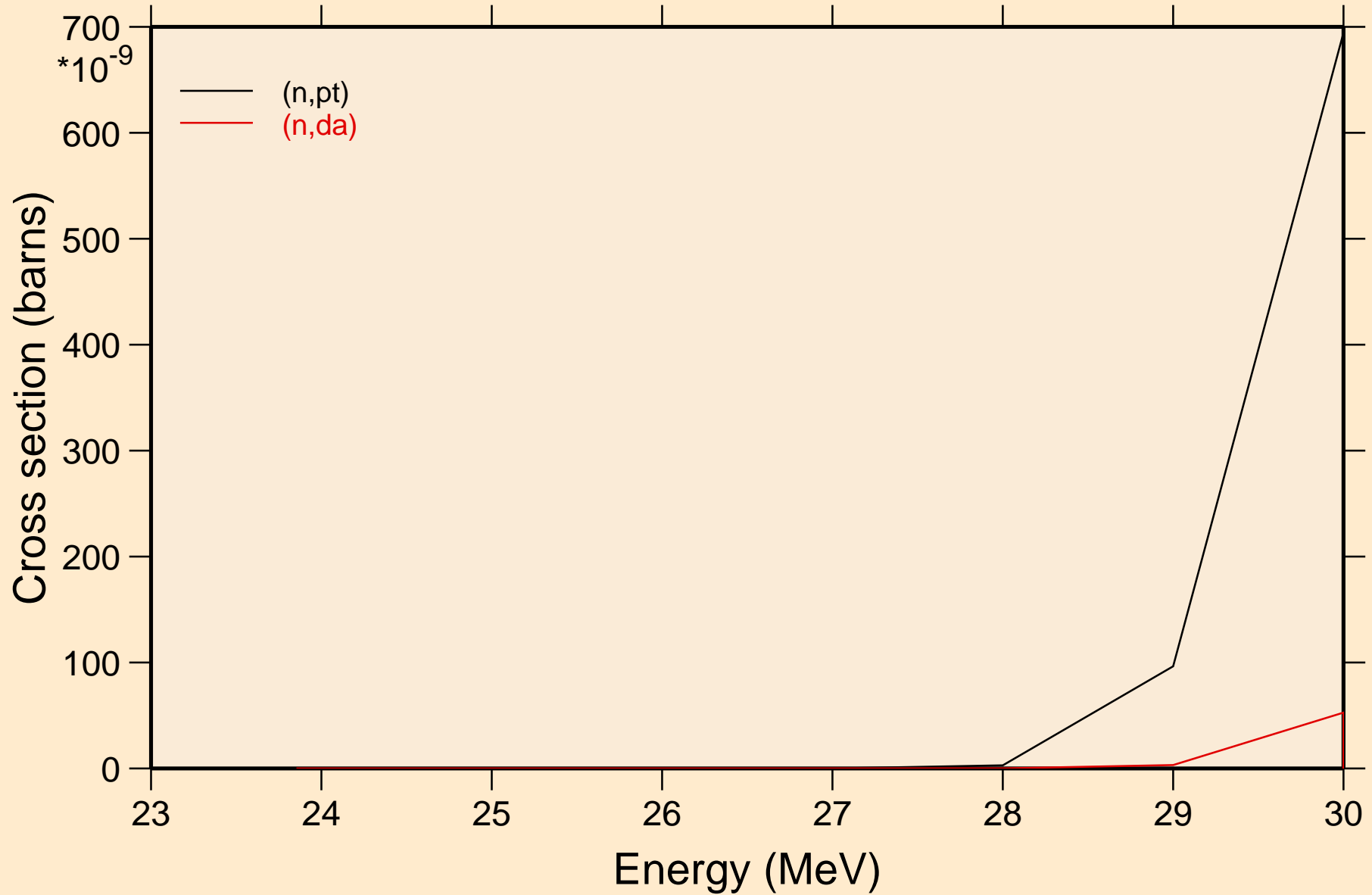


# S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

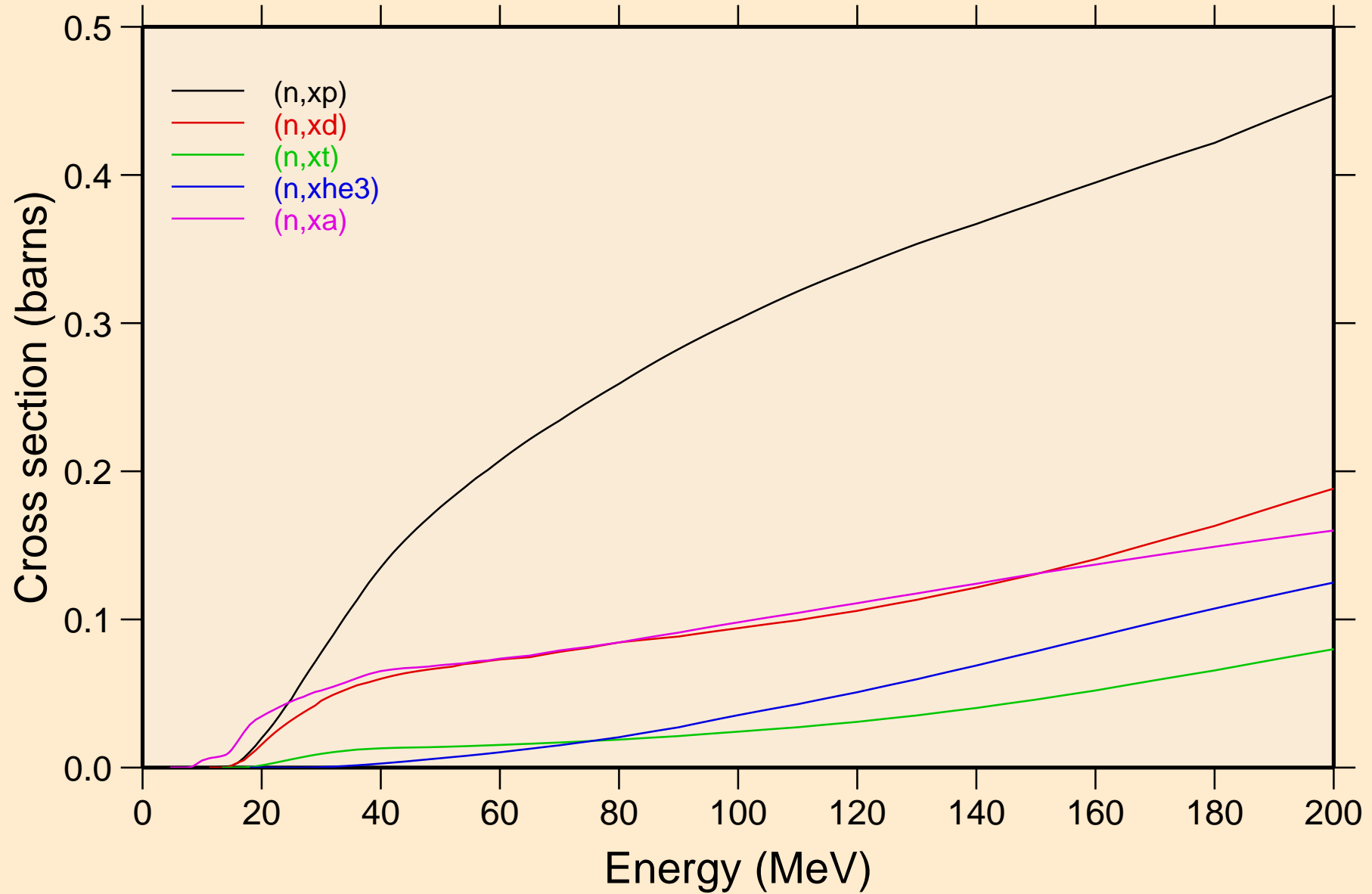
## Threshold reactions



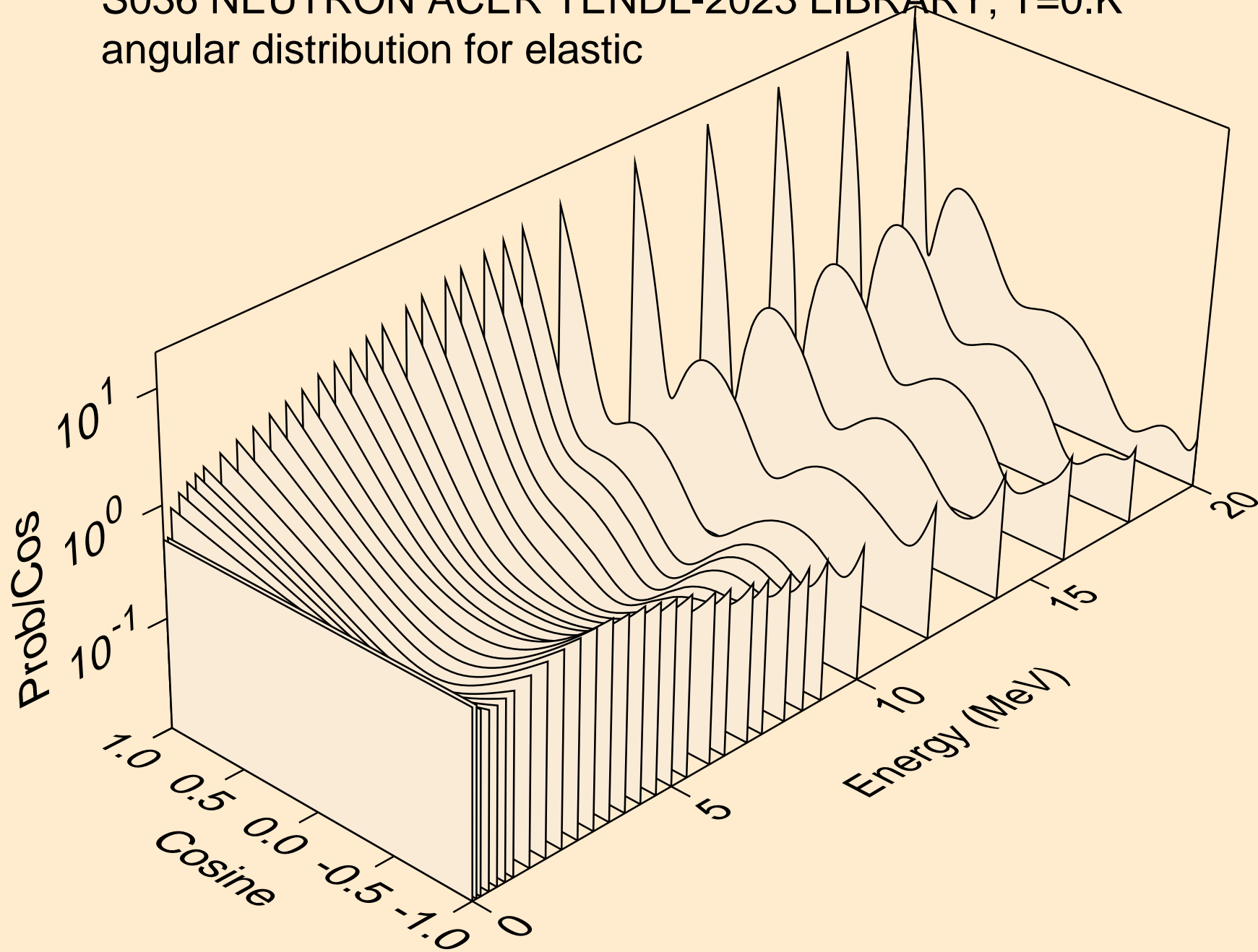
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



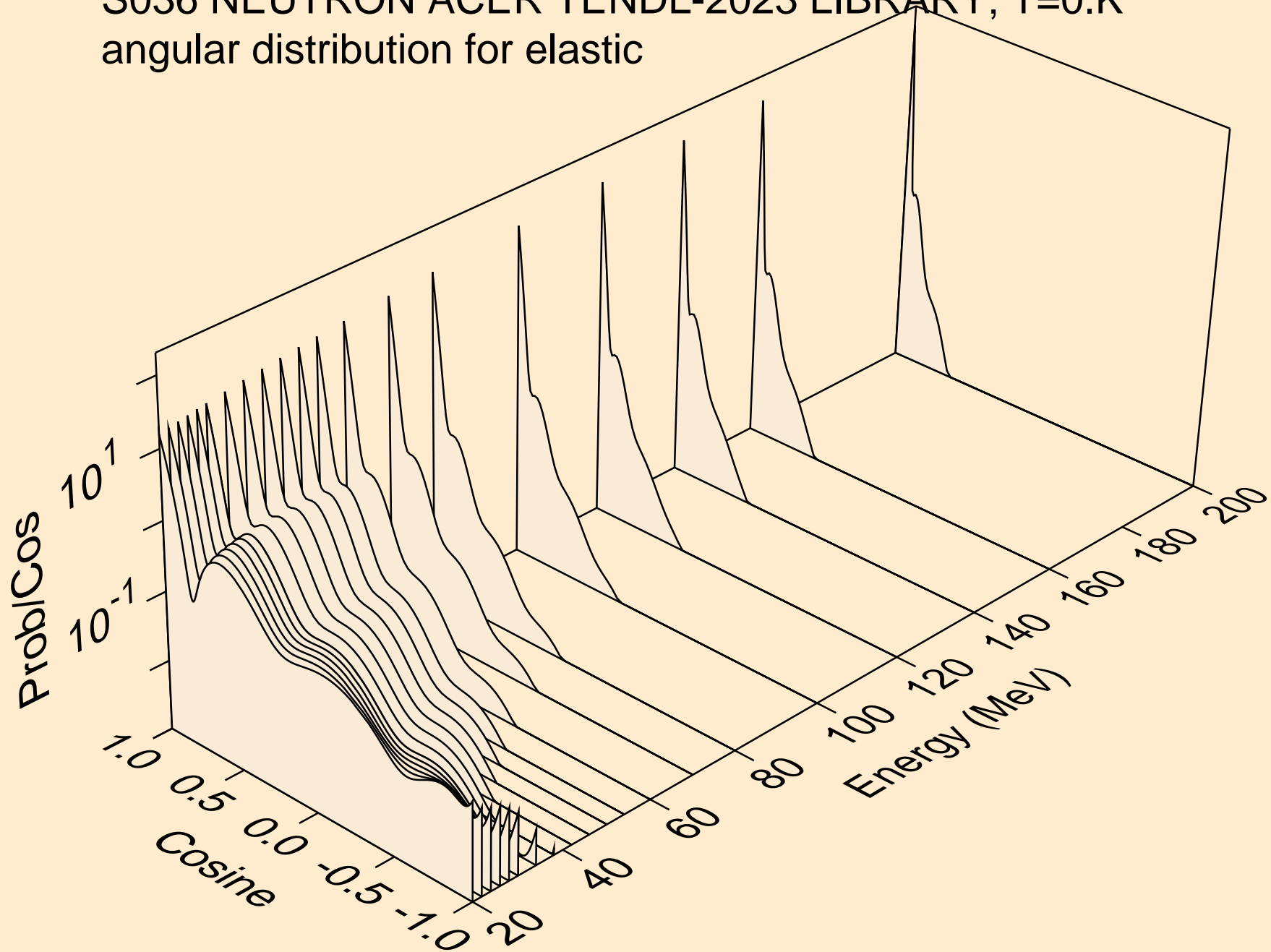
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



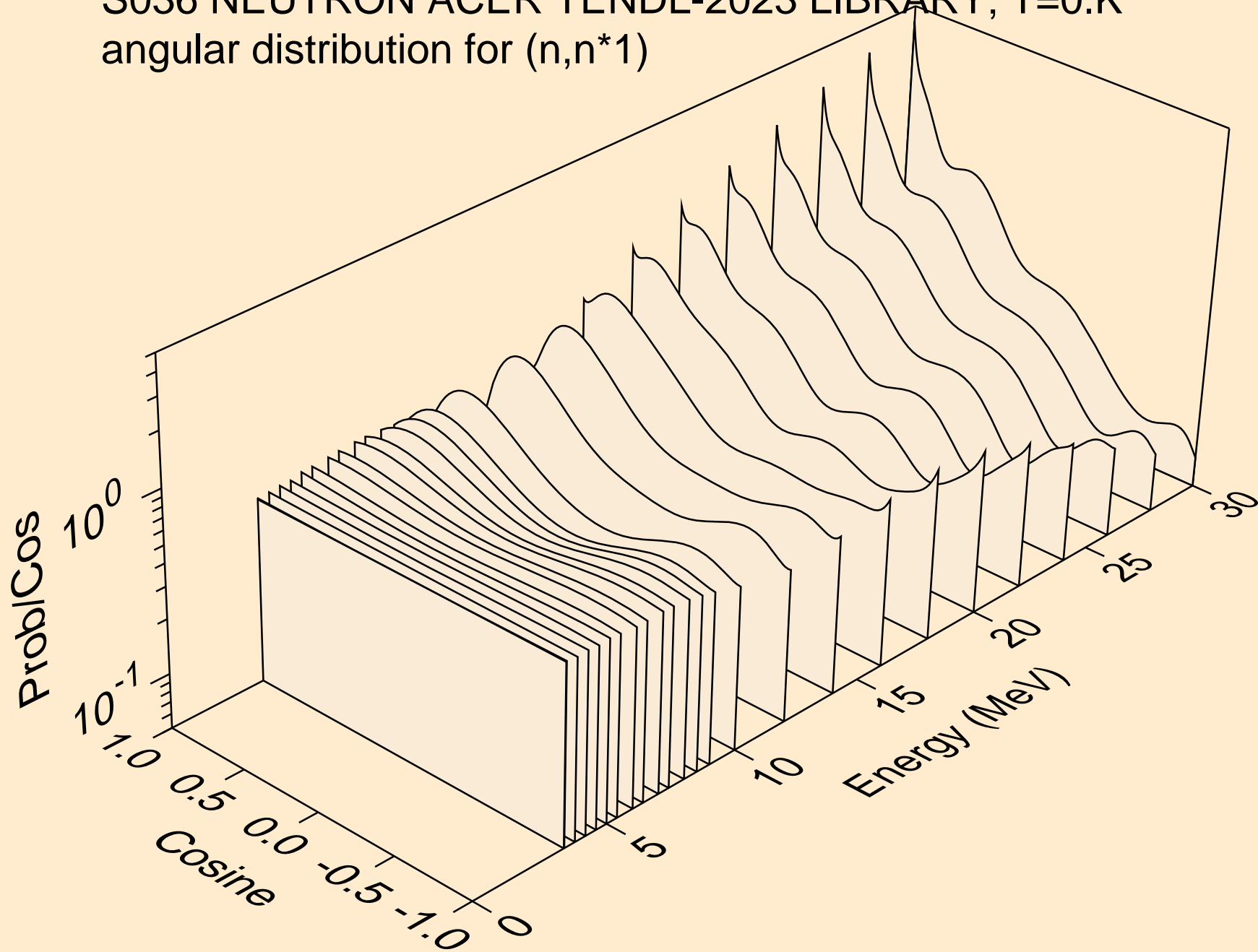
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



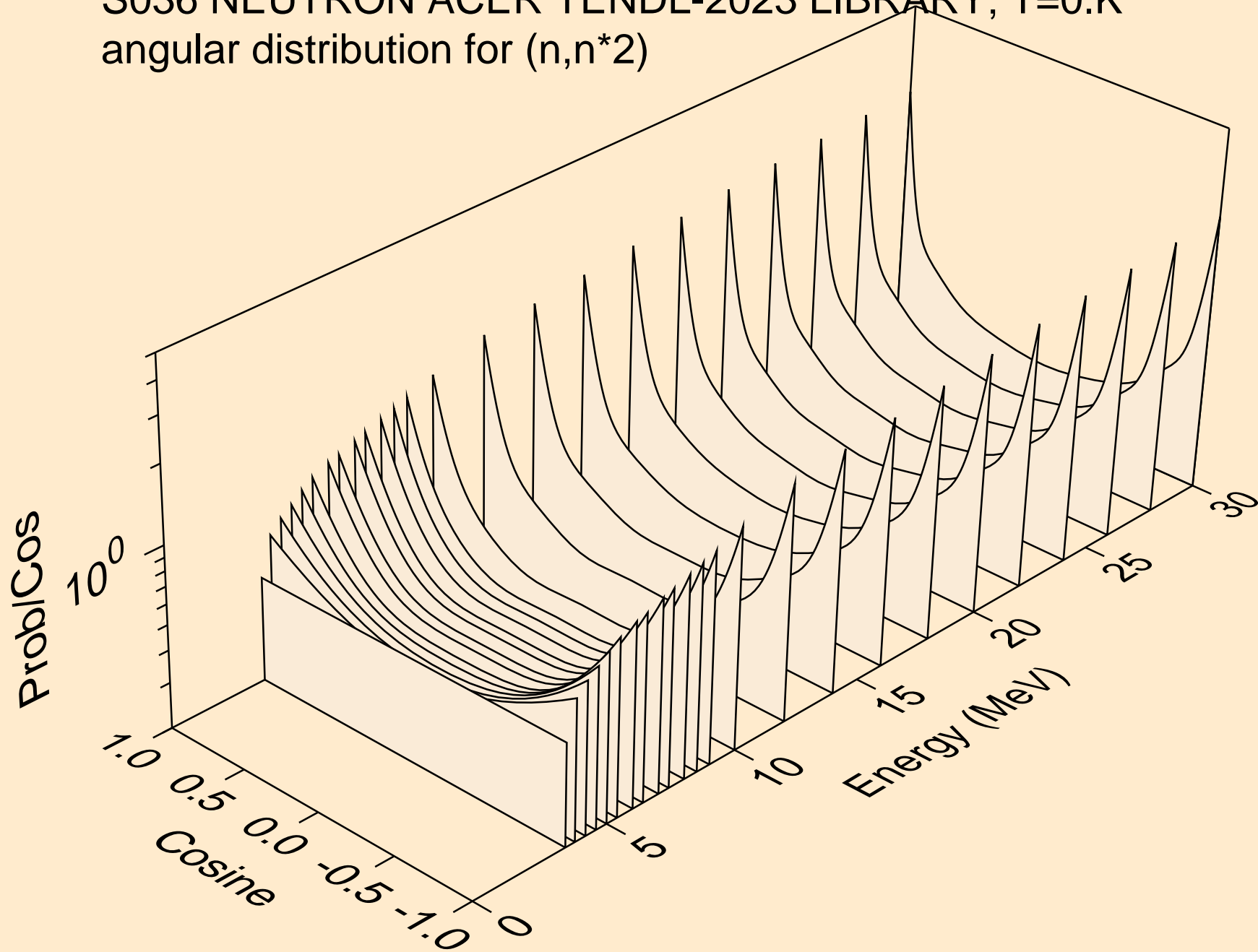
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angular distribution for elastic



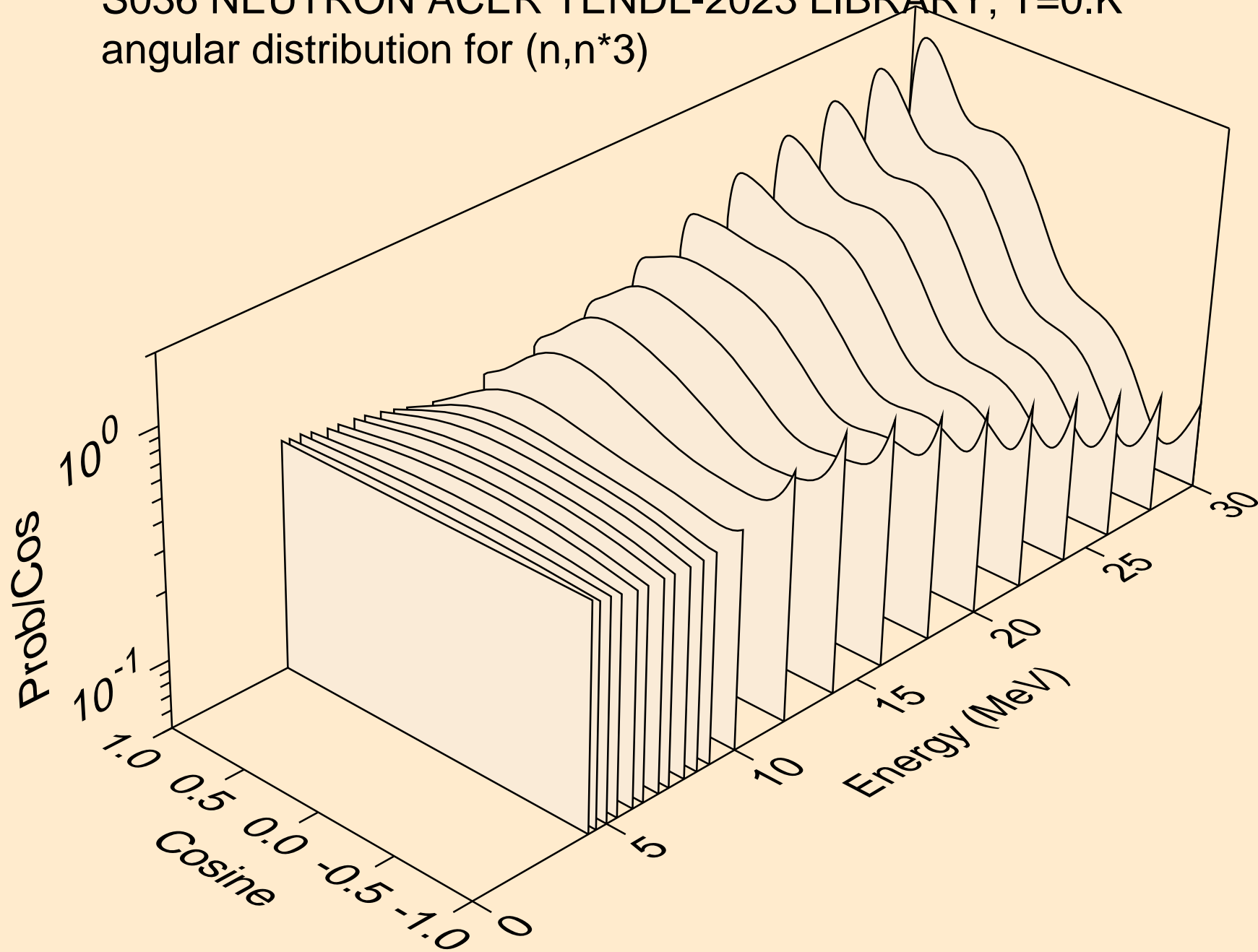
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

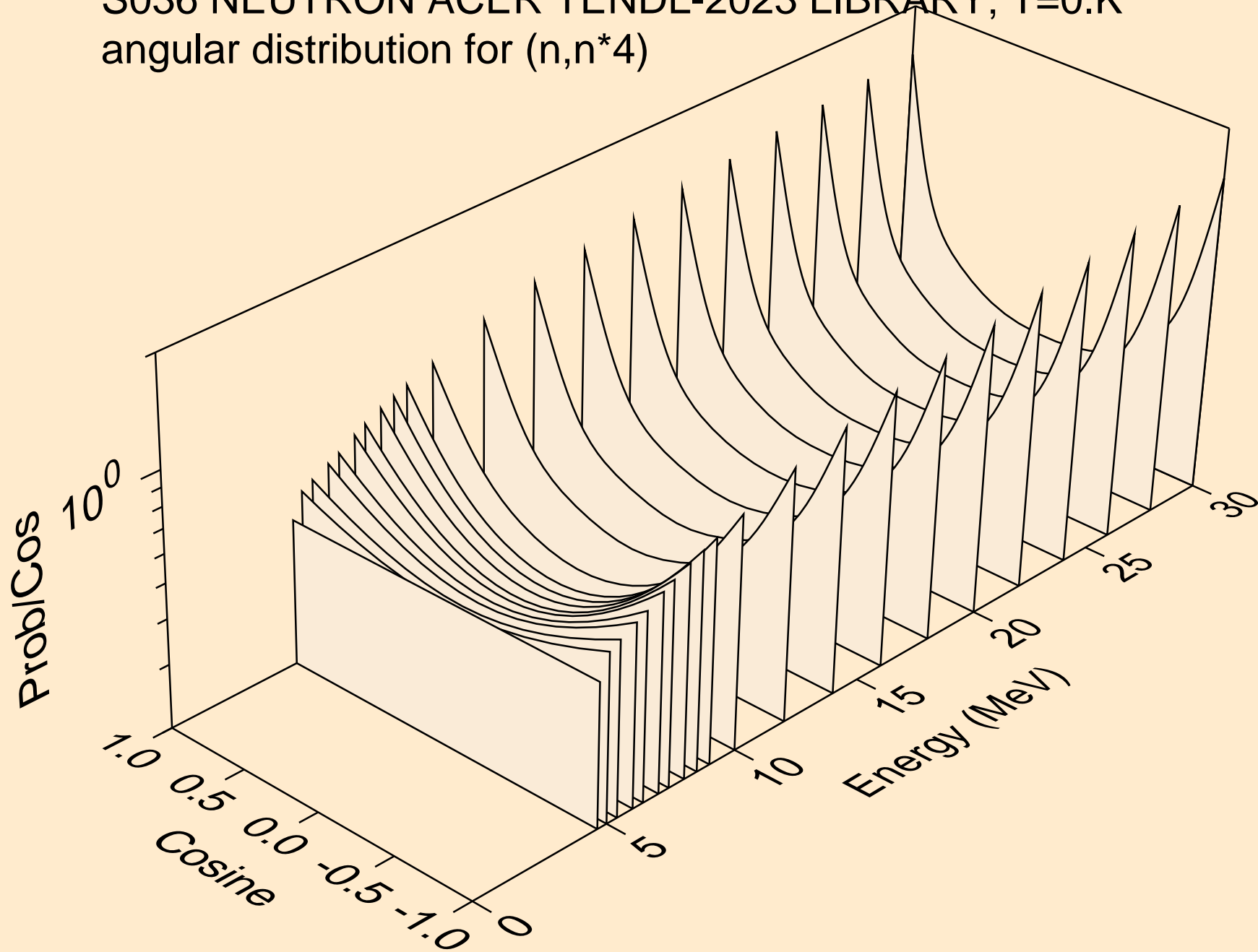


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

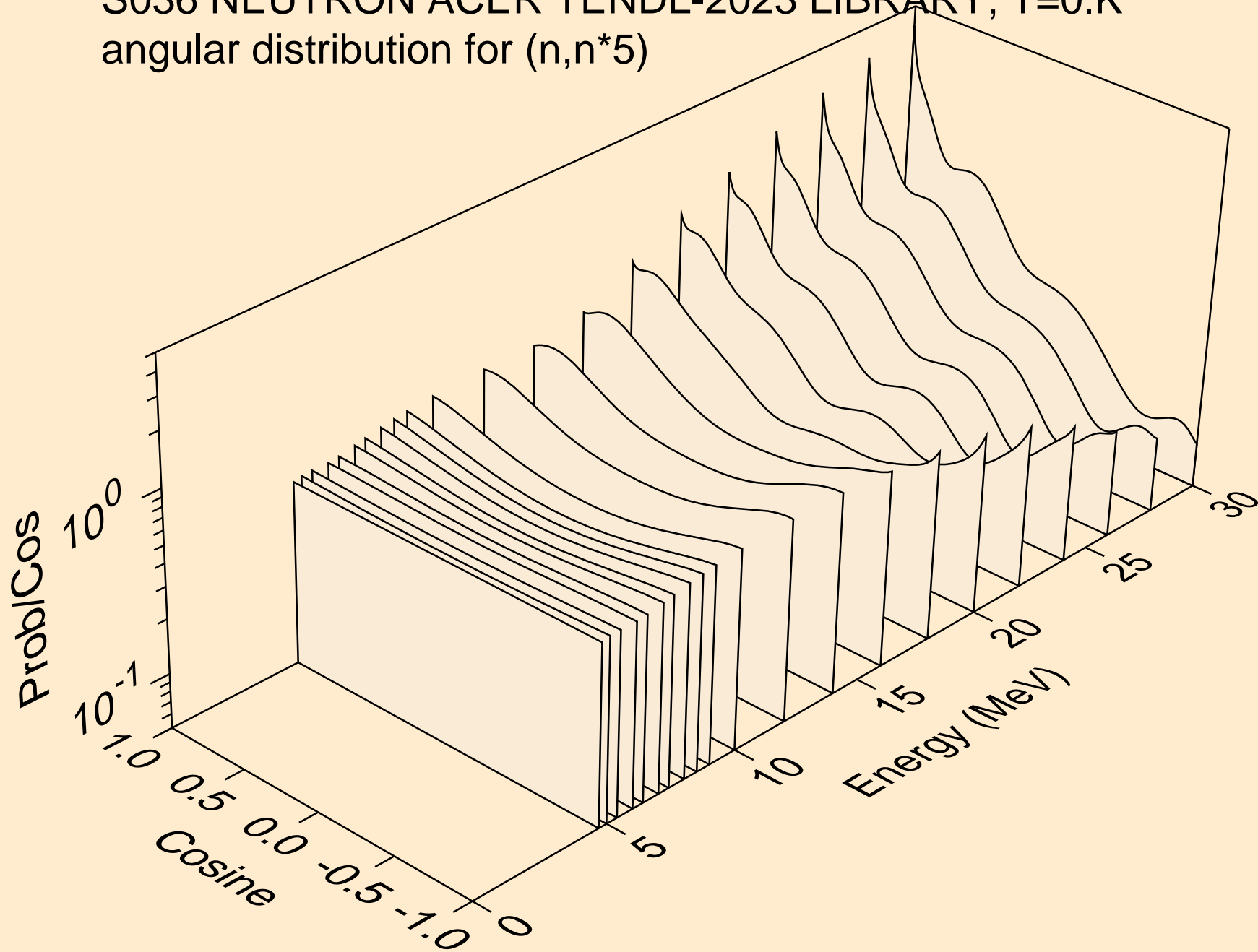




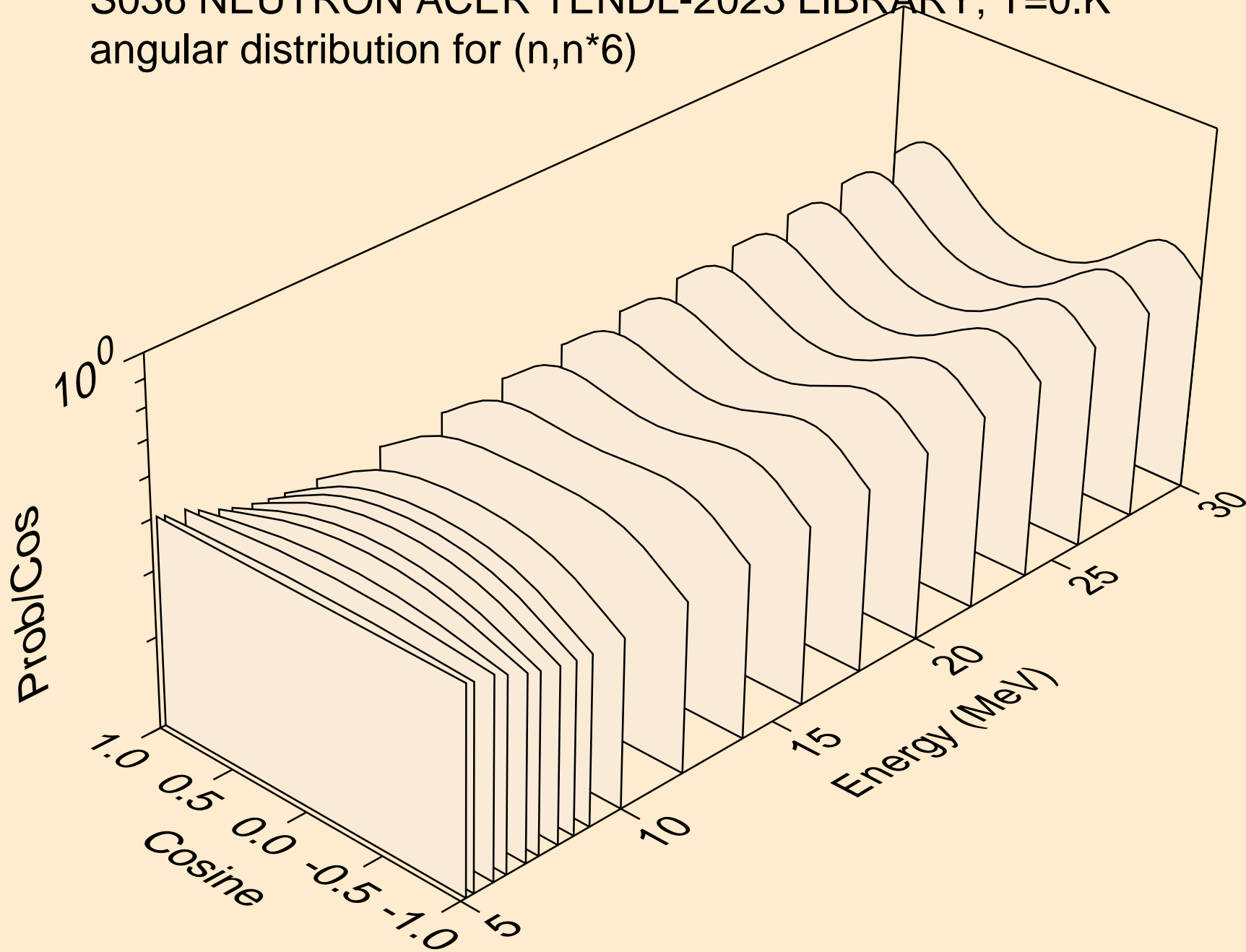
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angular distribution for (n,n\*4)



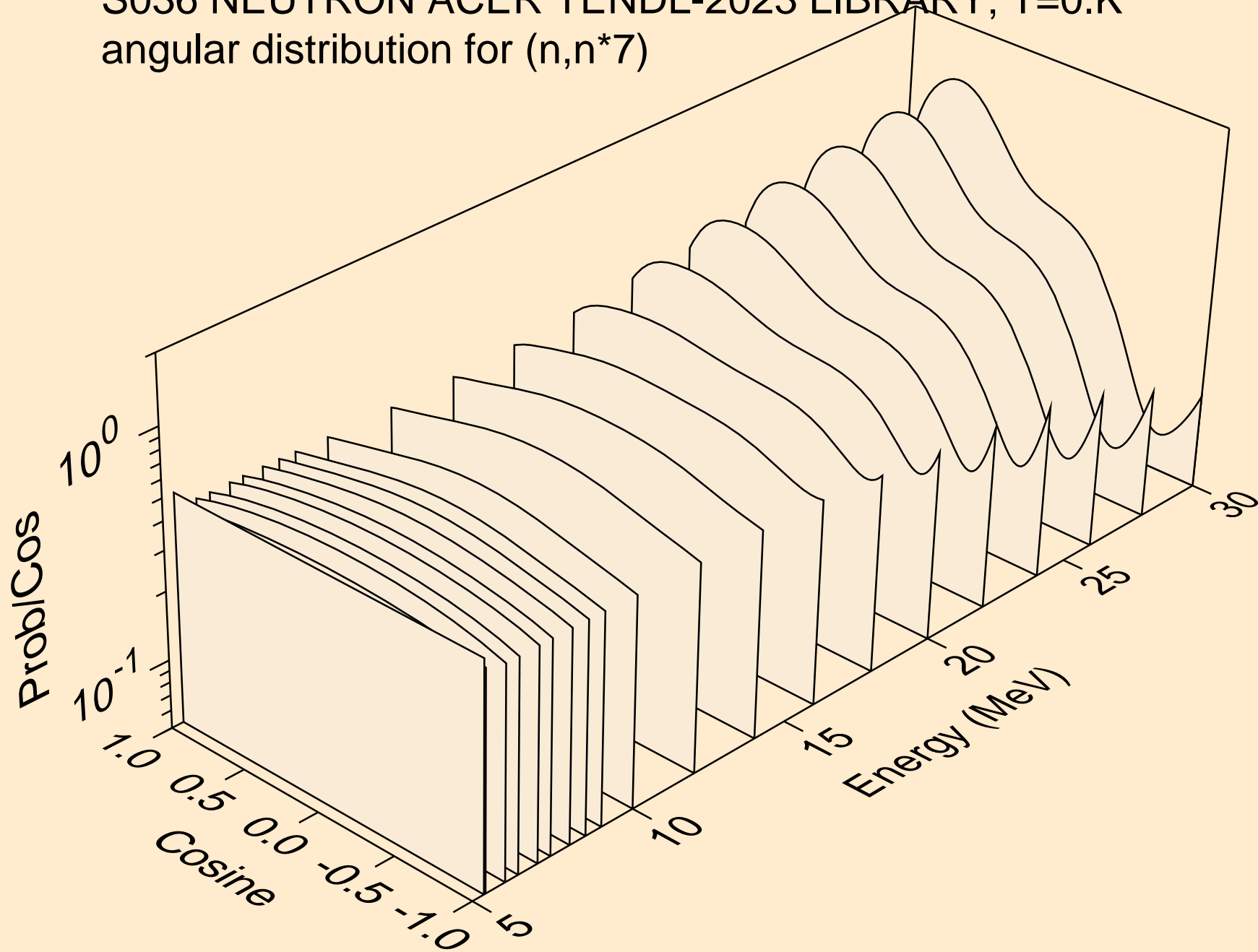
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angular distribution for (n,n\*5)



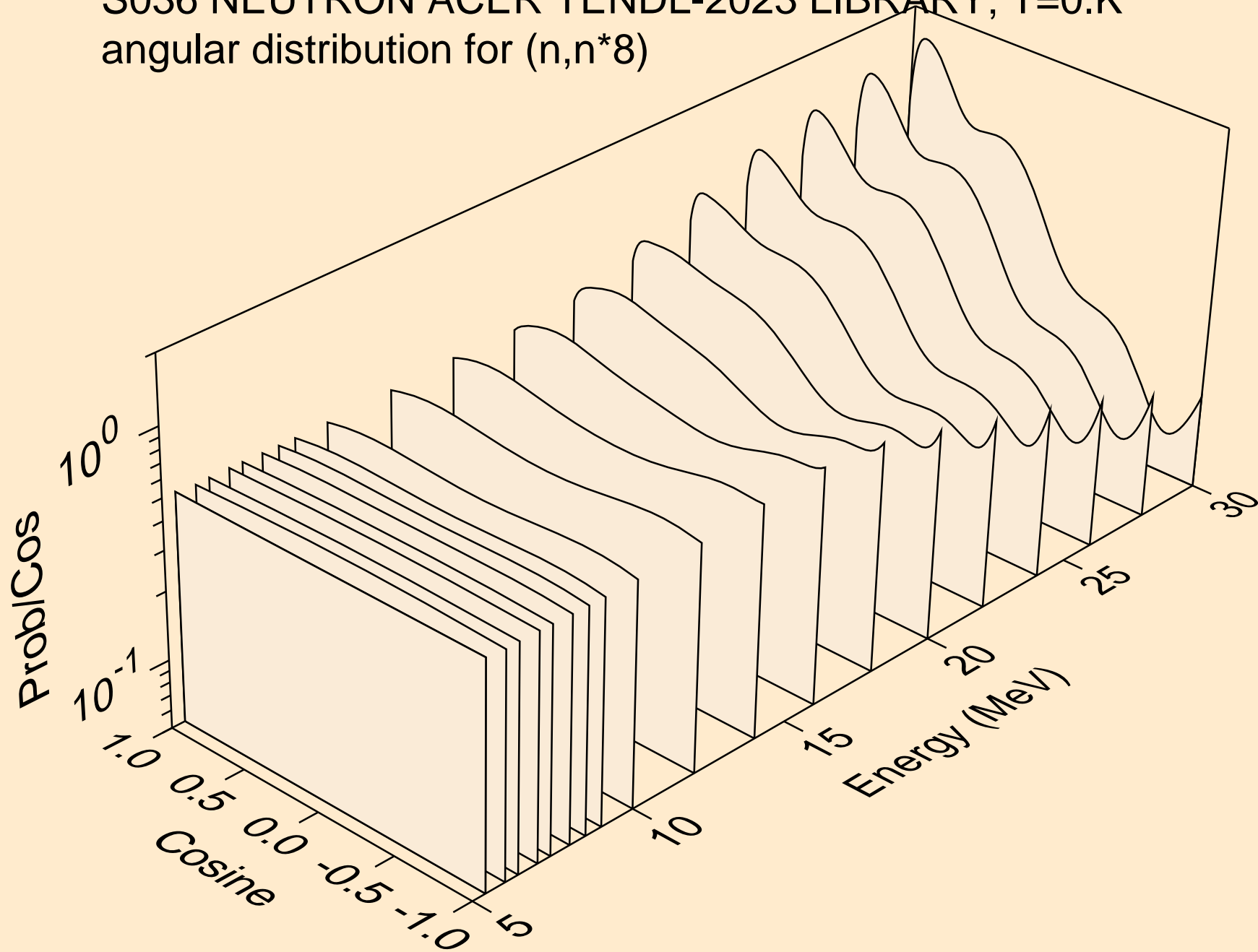
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angular distribution for (n,n\*6)



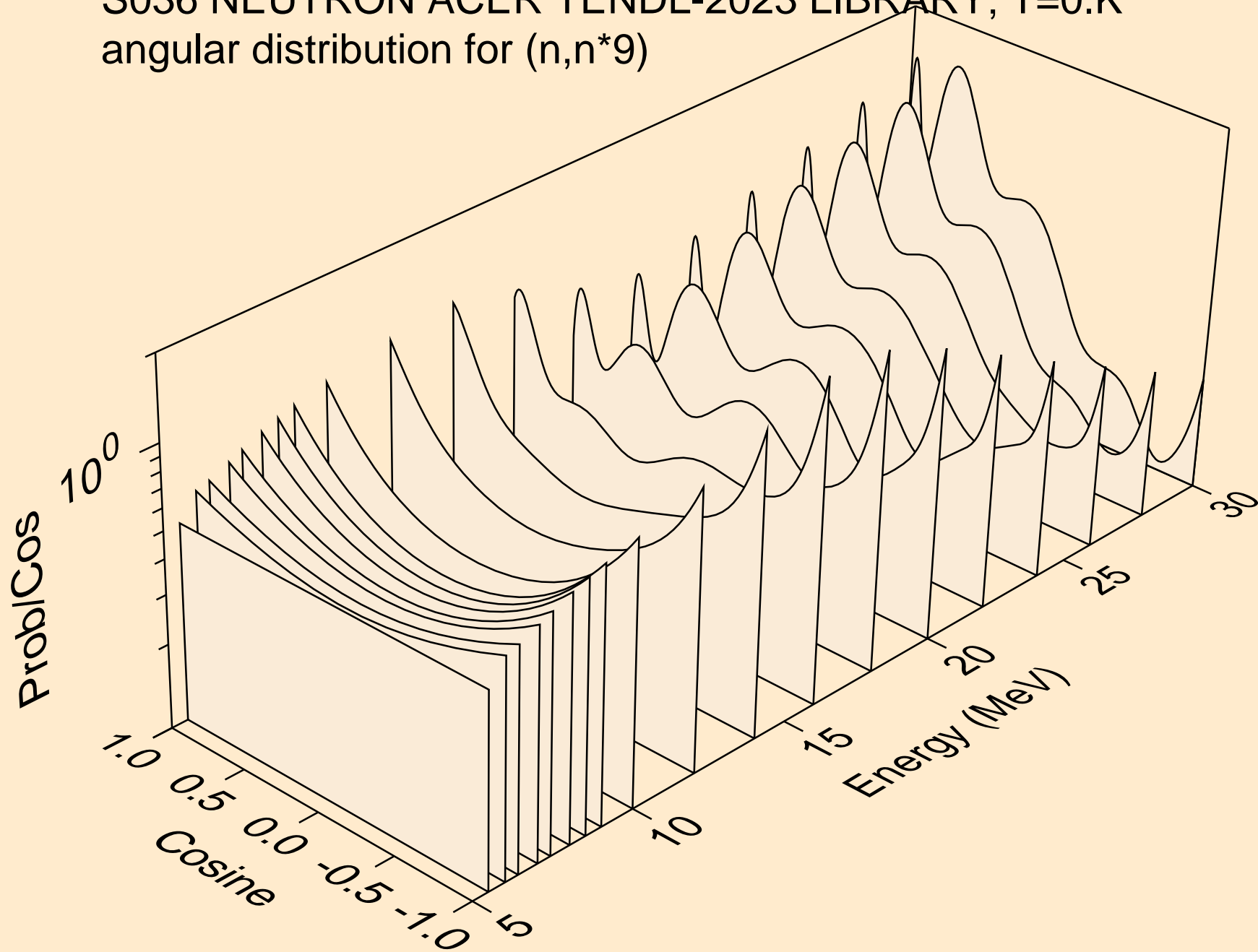
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angular distribution for (n,n\*7)



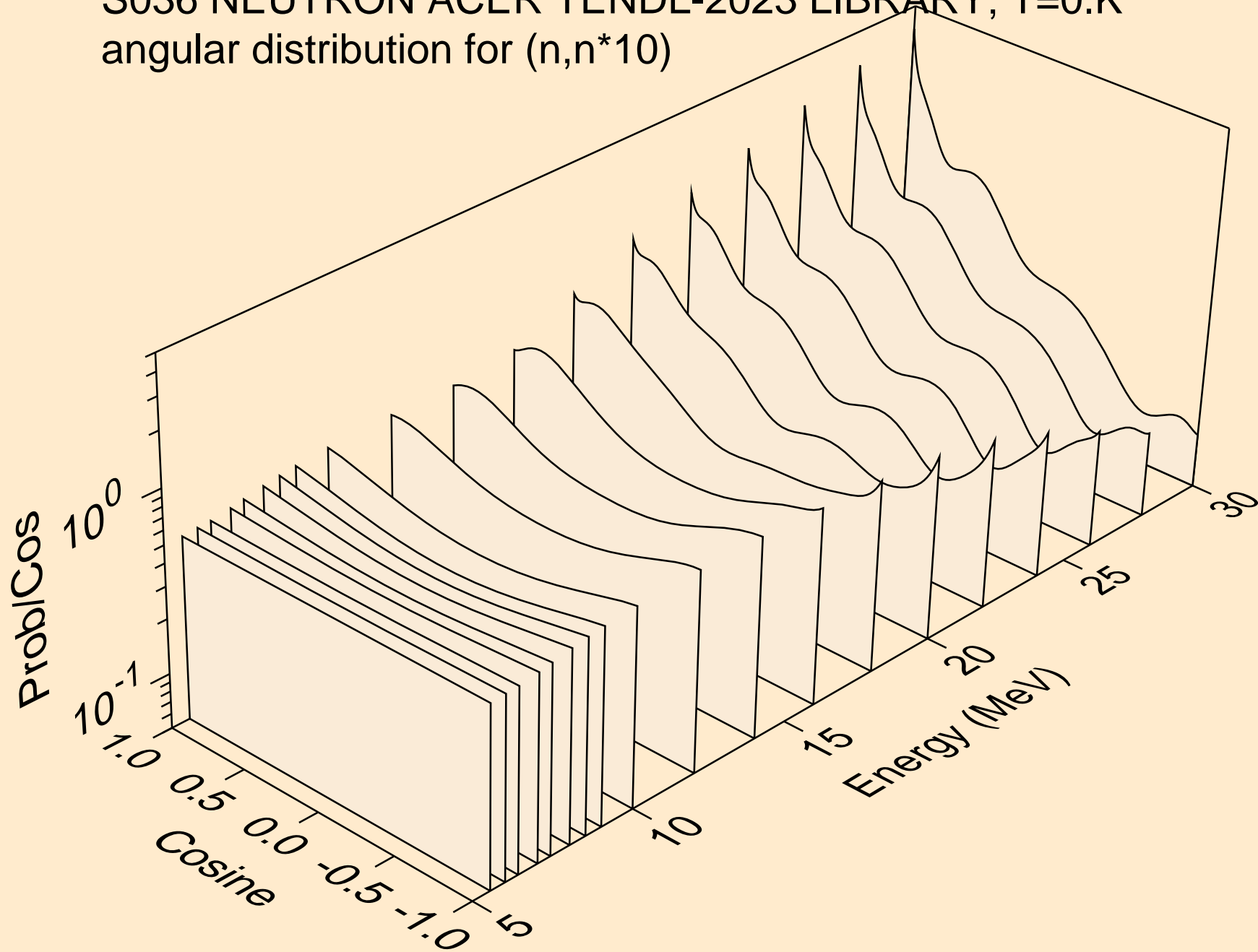
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angular distribution for (n,n\*8)



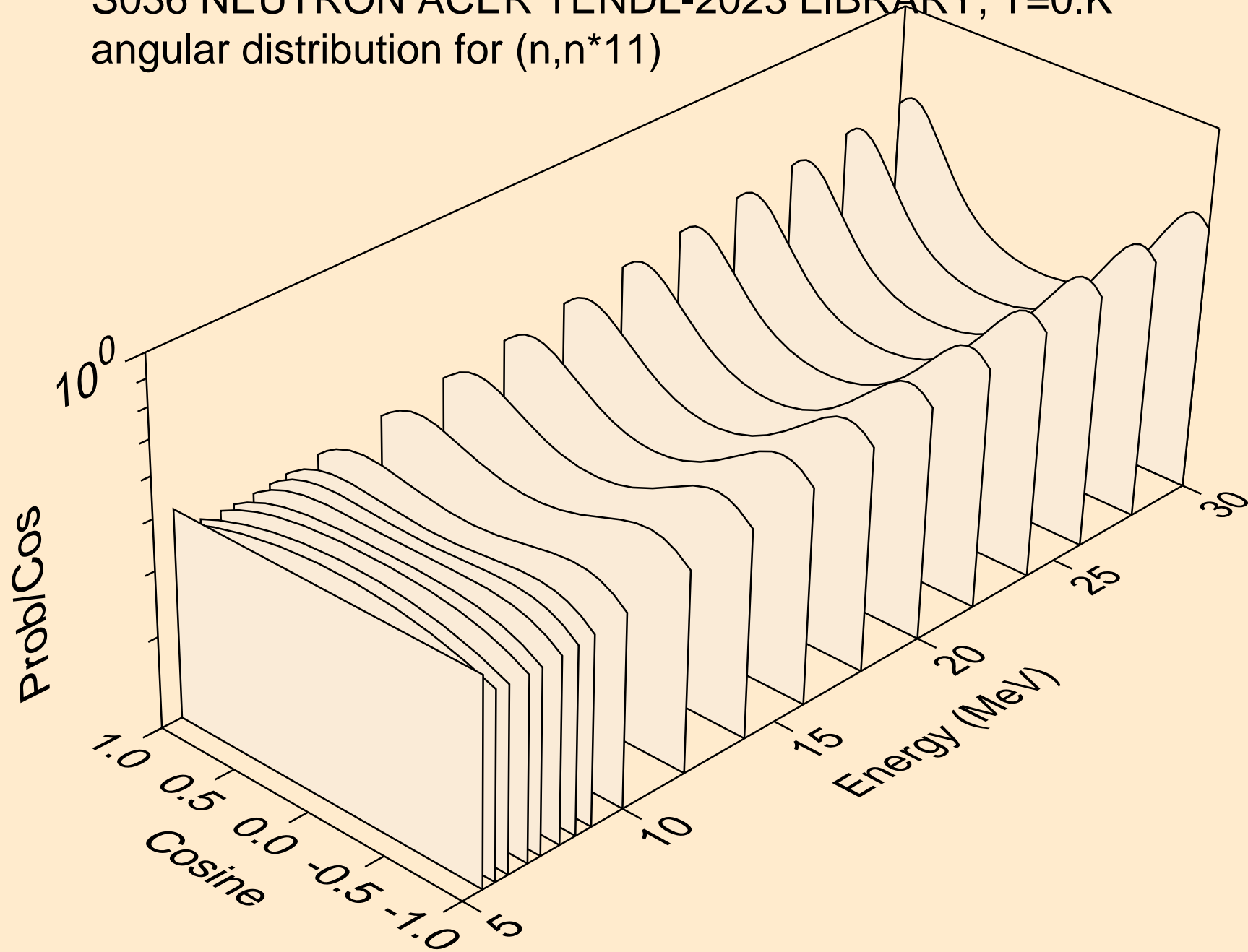
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

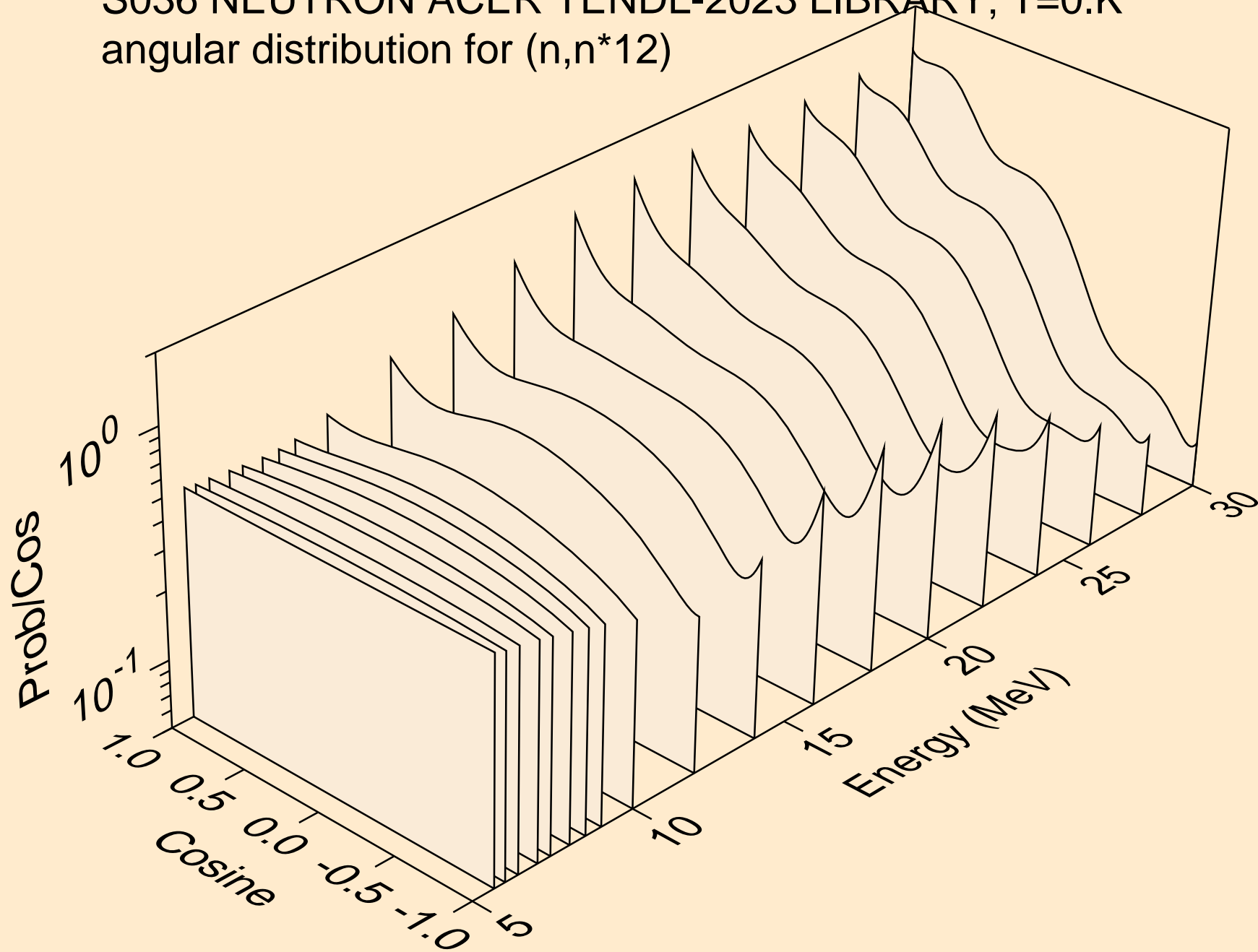


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

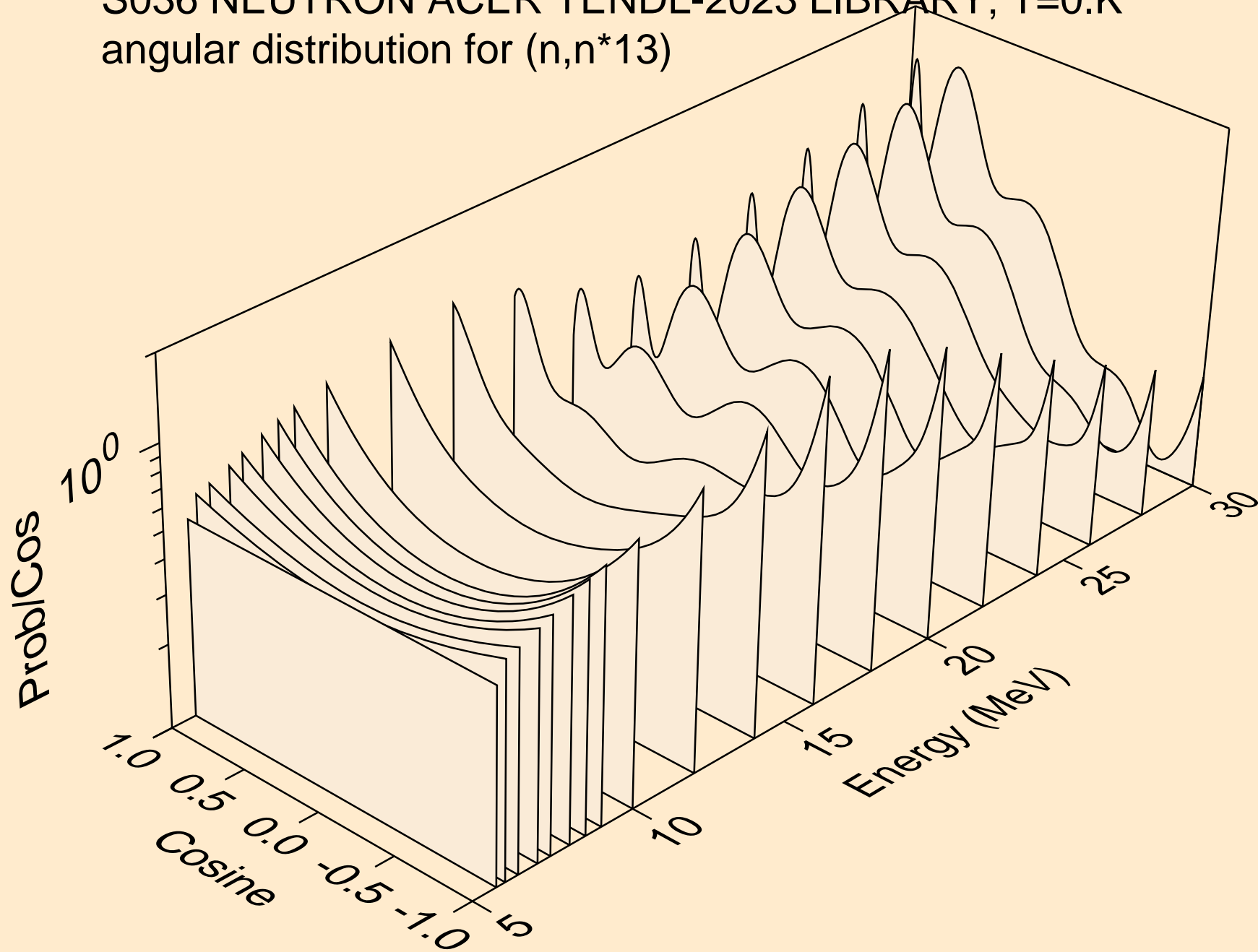




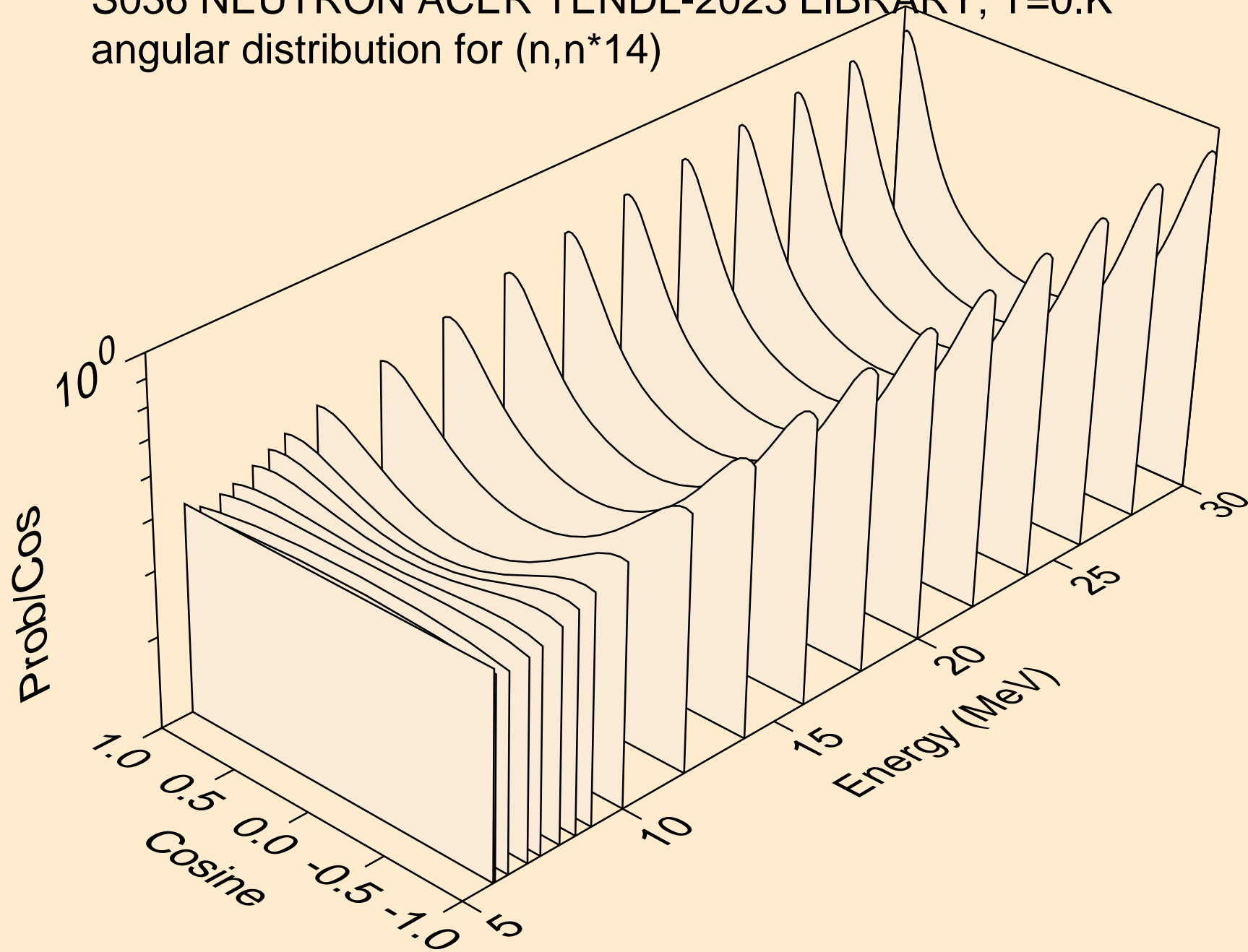
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angular distribution for (n,n\*12)



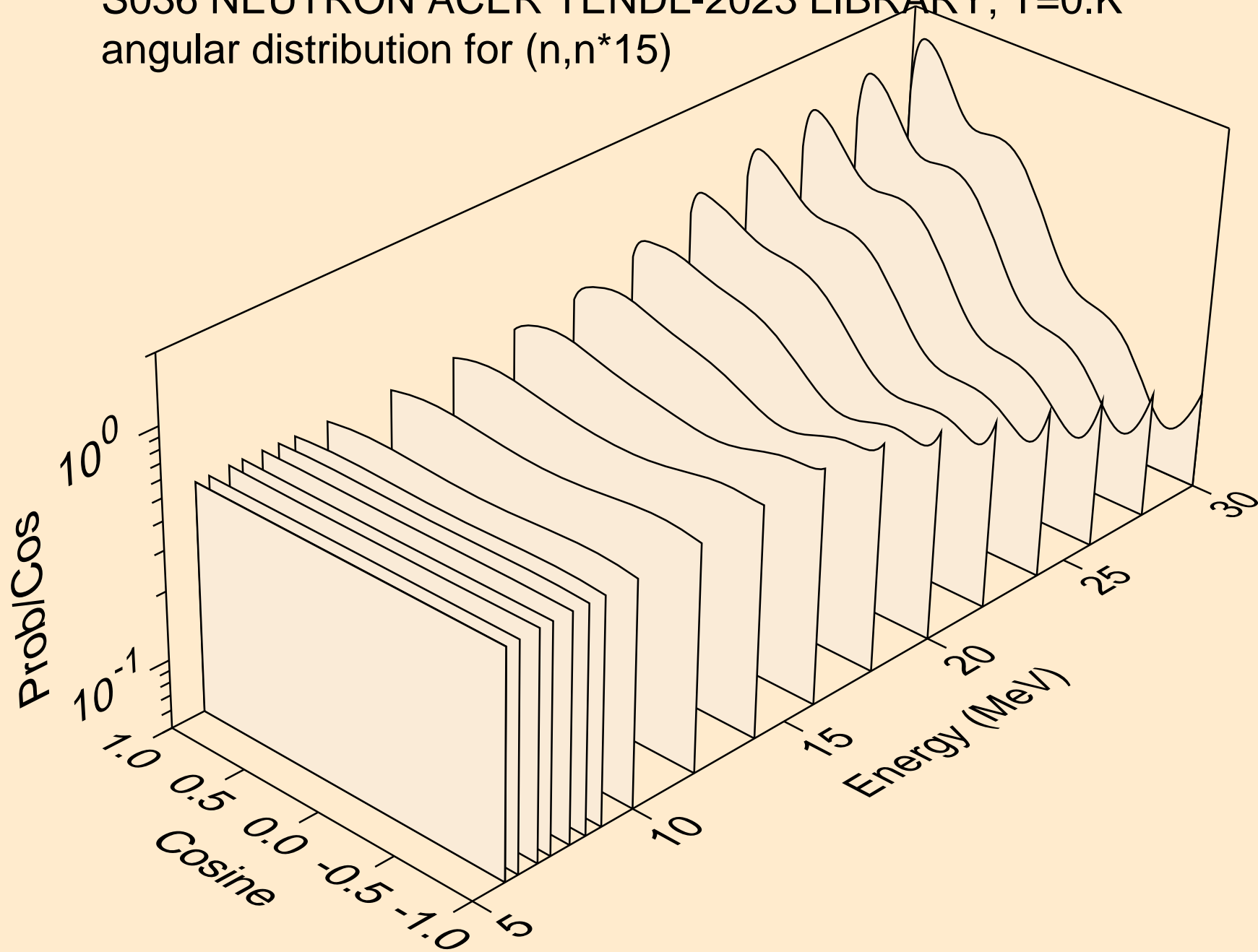
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angular distribution for (n,n\*13)



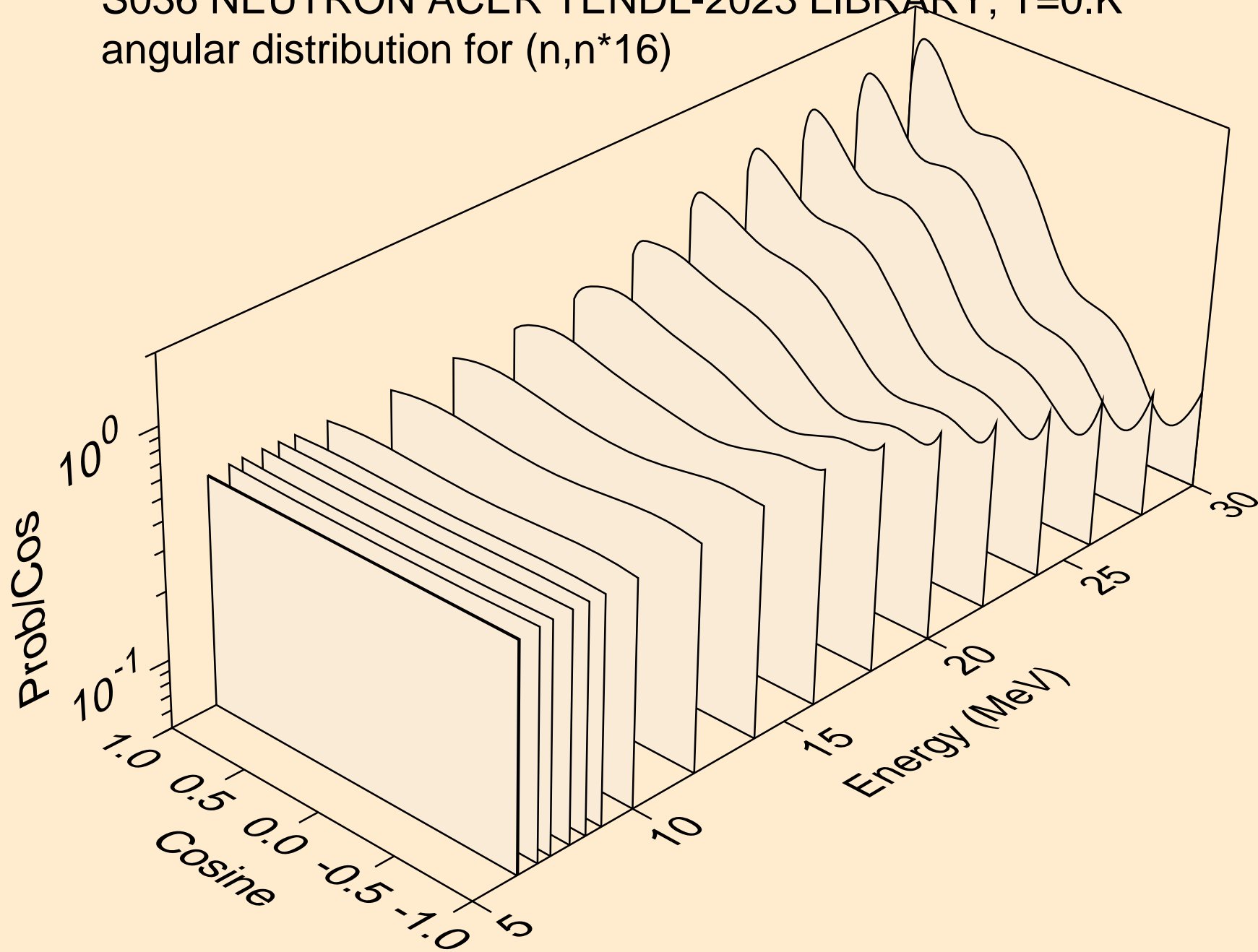
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angular distribution for (n,n\*14)



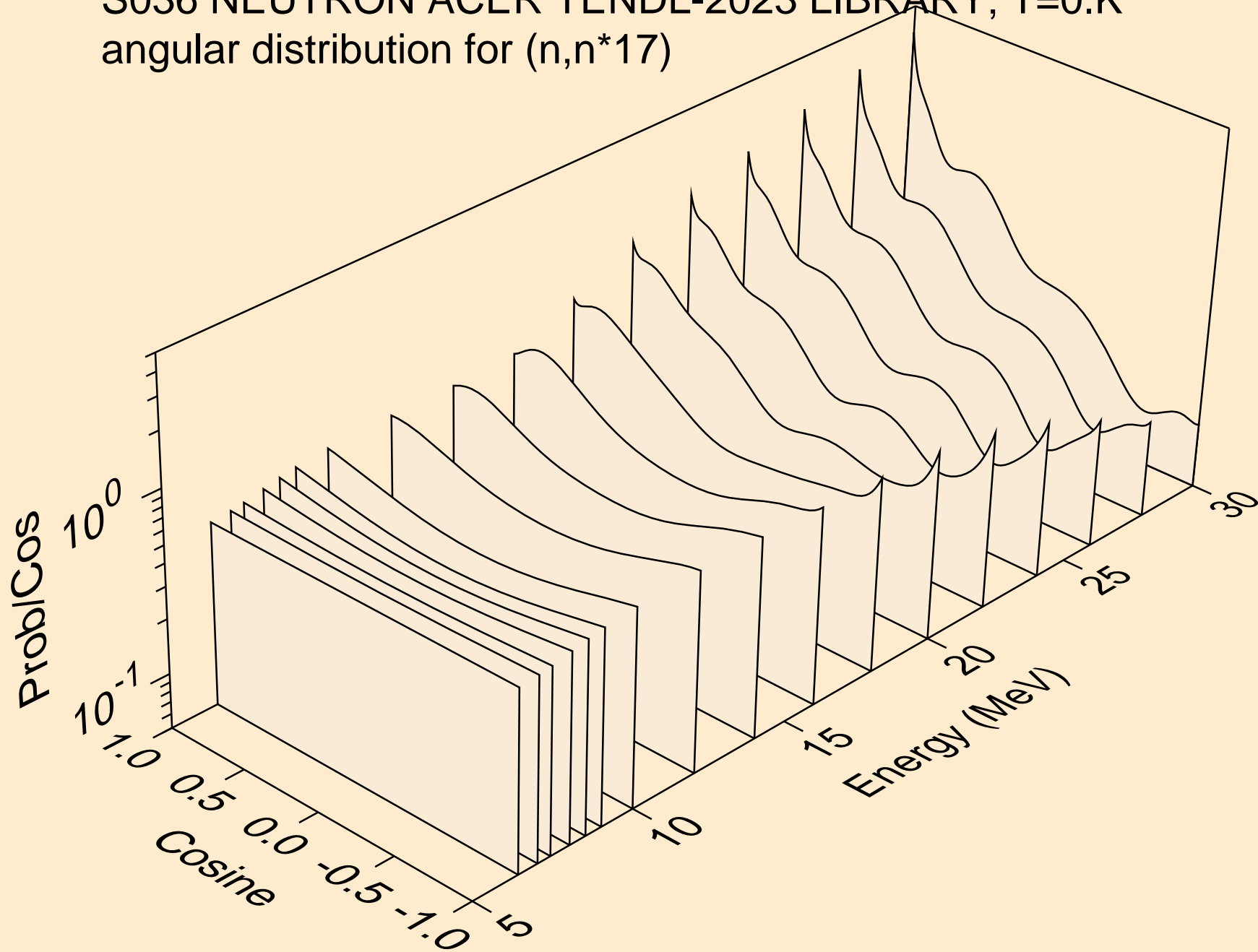
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angular distribution for (n,n\*15)



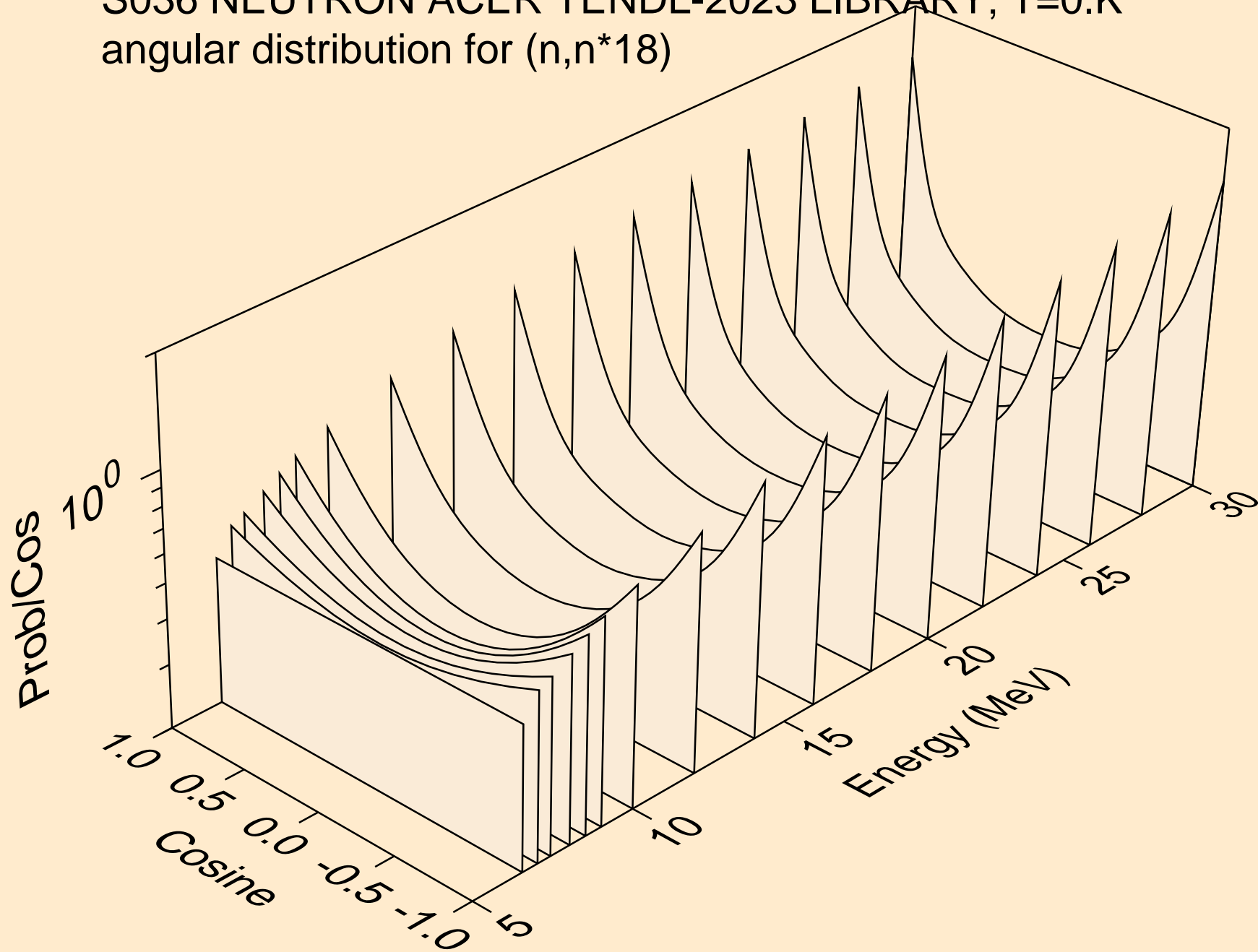
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angular distribution for (n,n\*16)



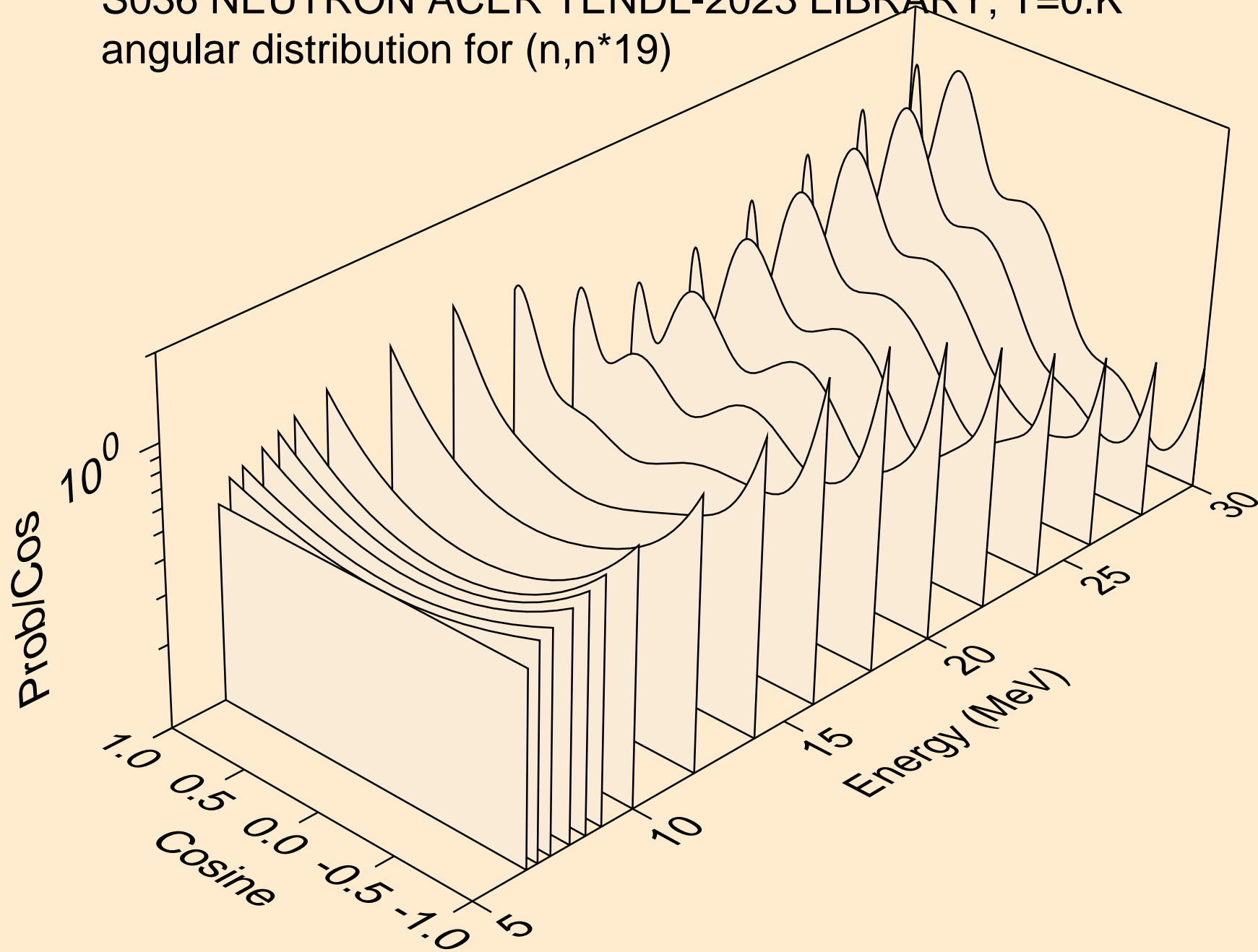
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

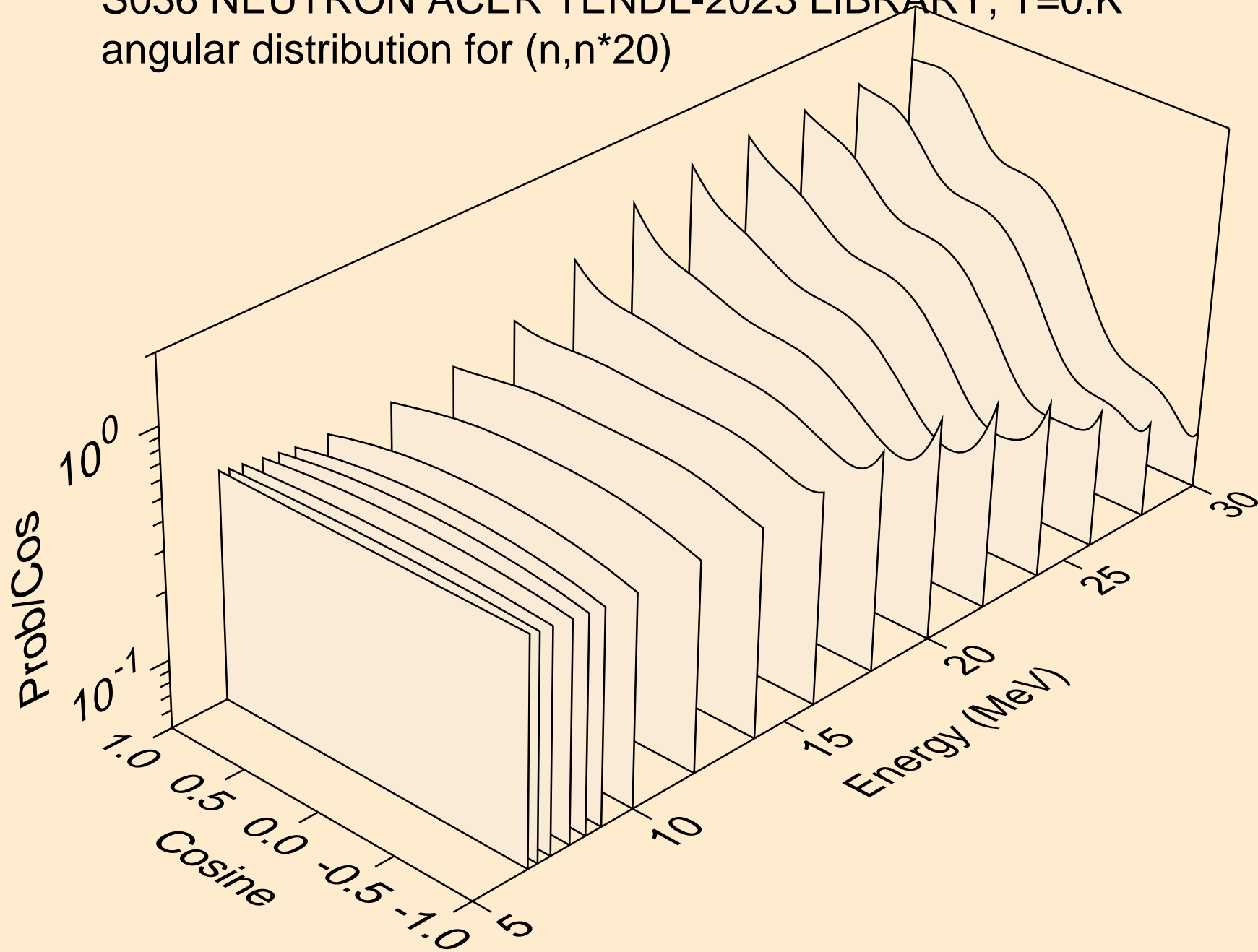


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

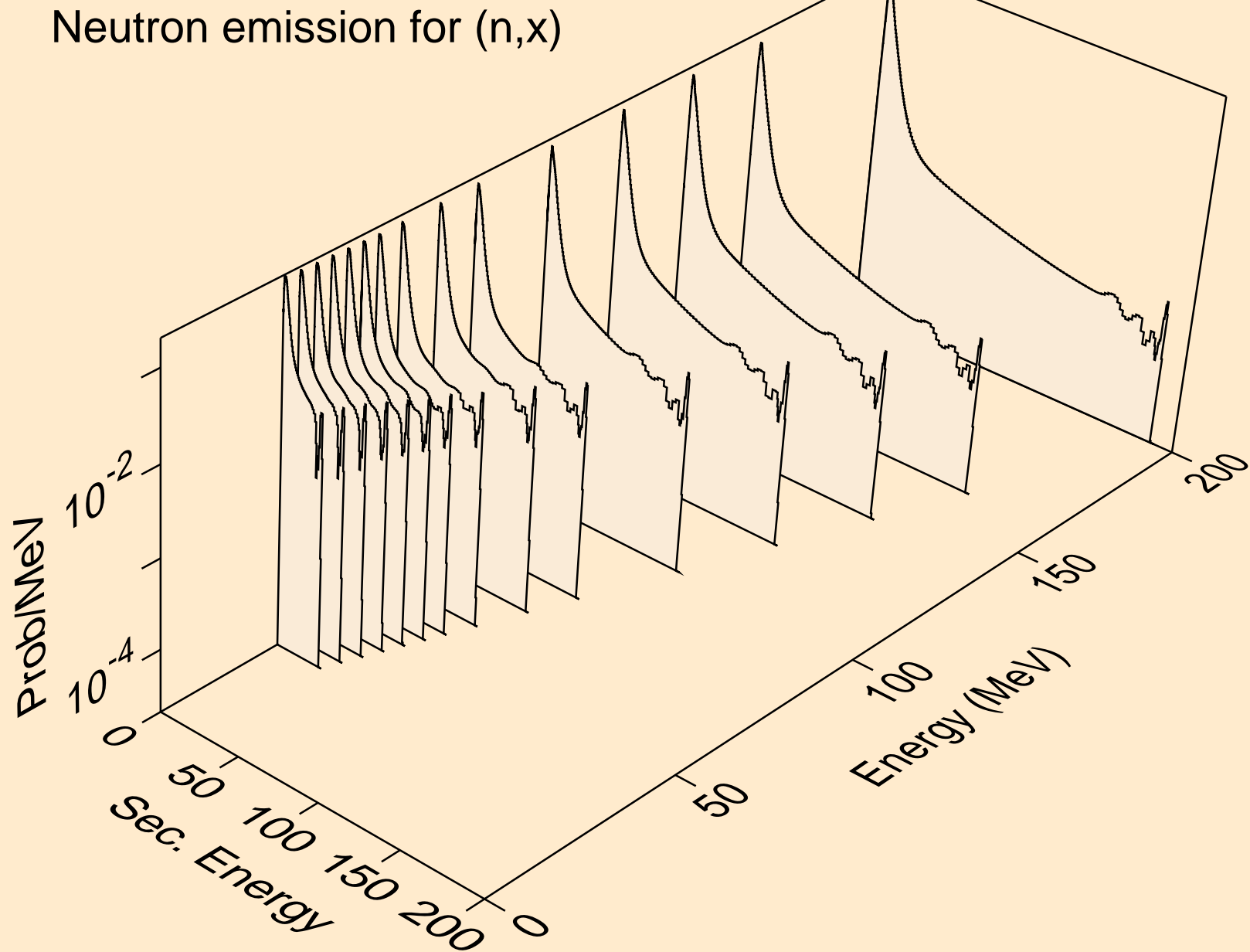




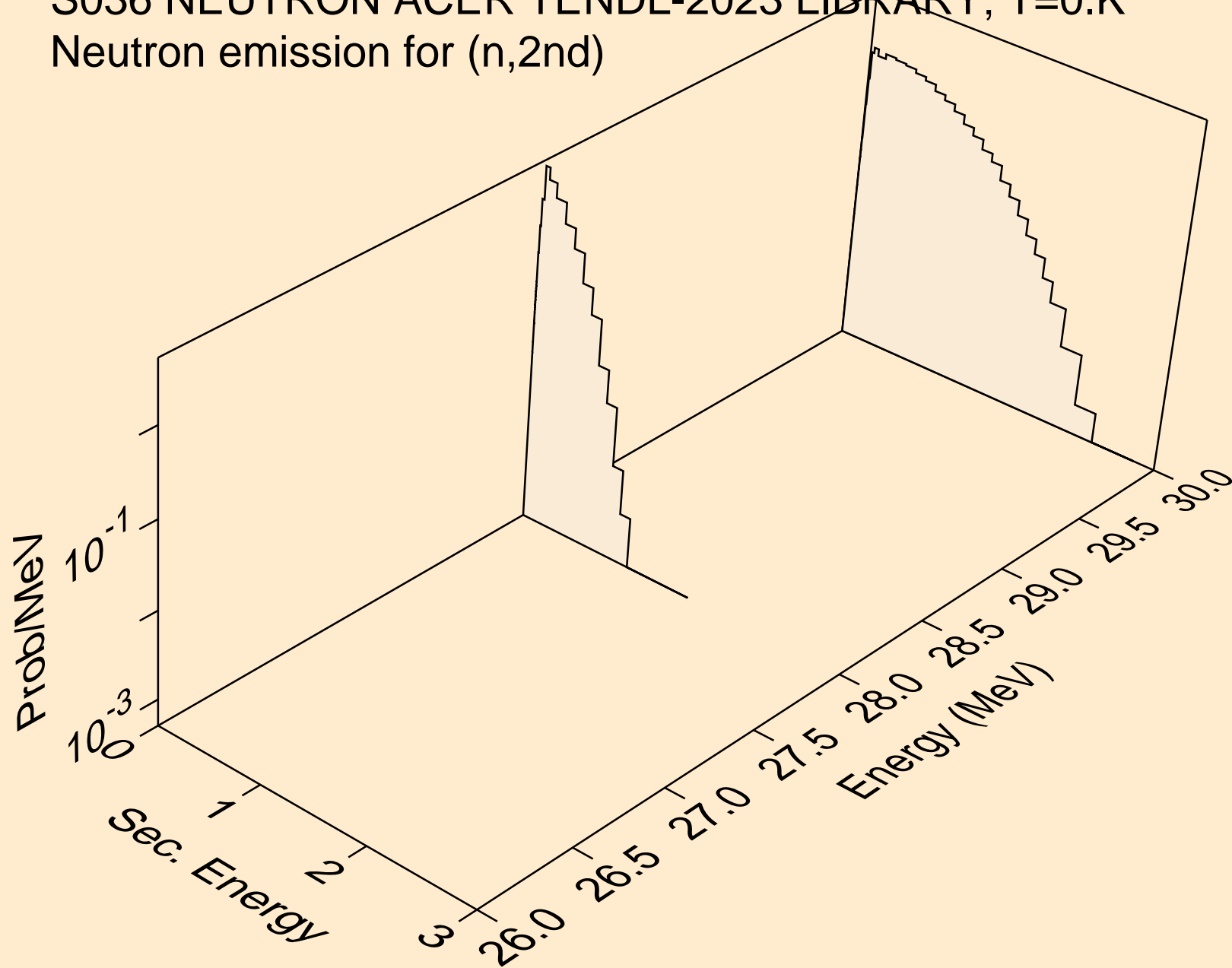
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angular distribution for (n,n\*20)



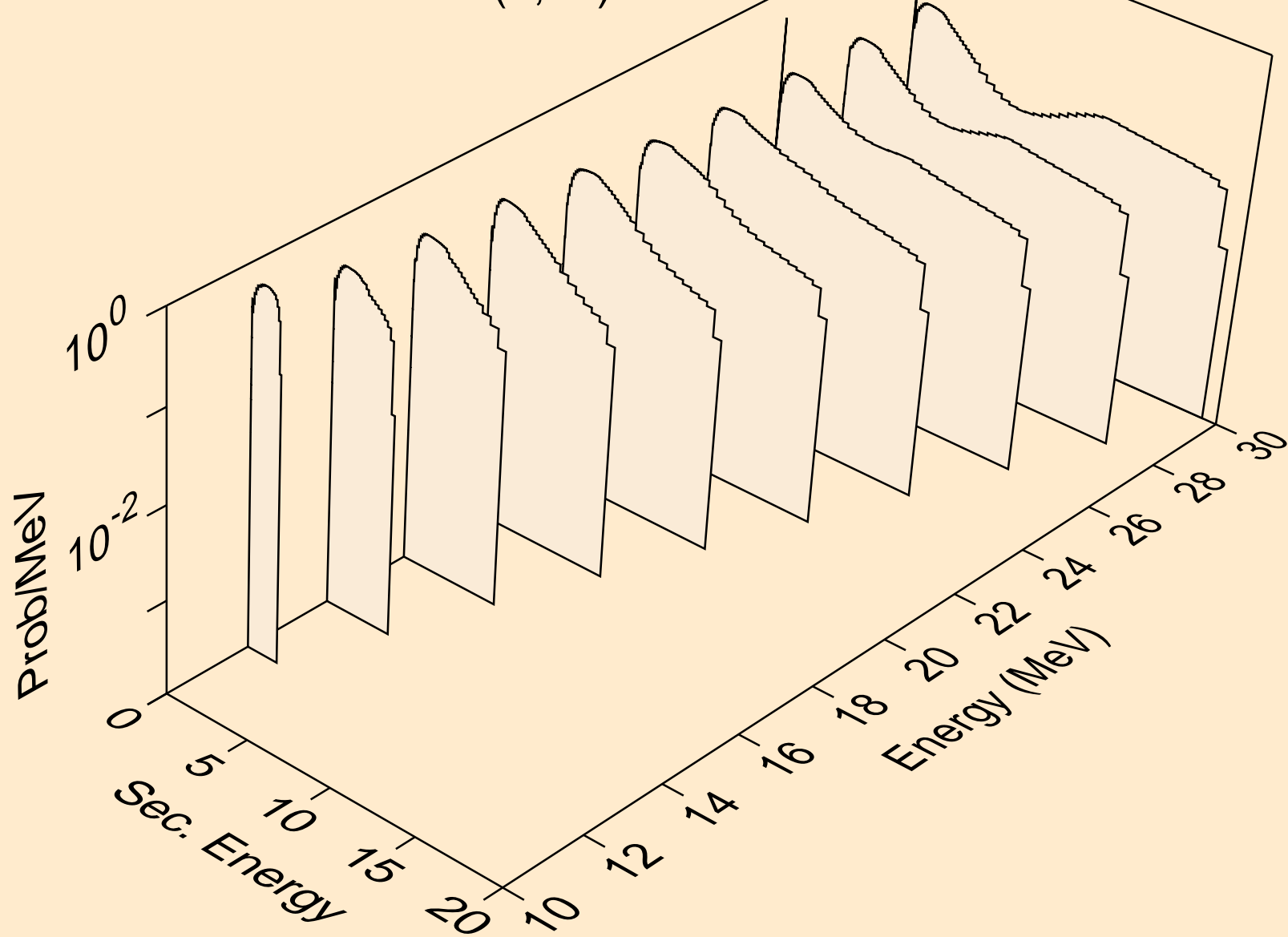
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Neutron emission for (n,x)



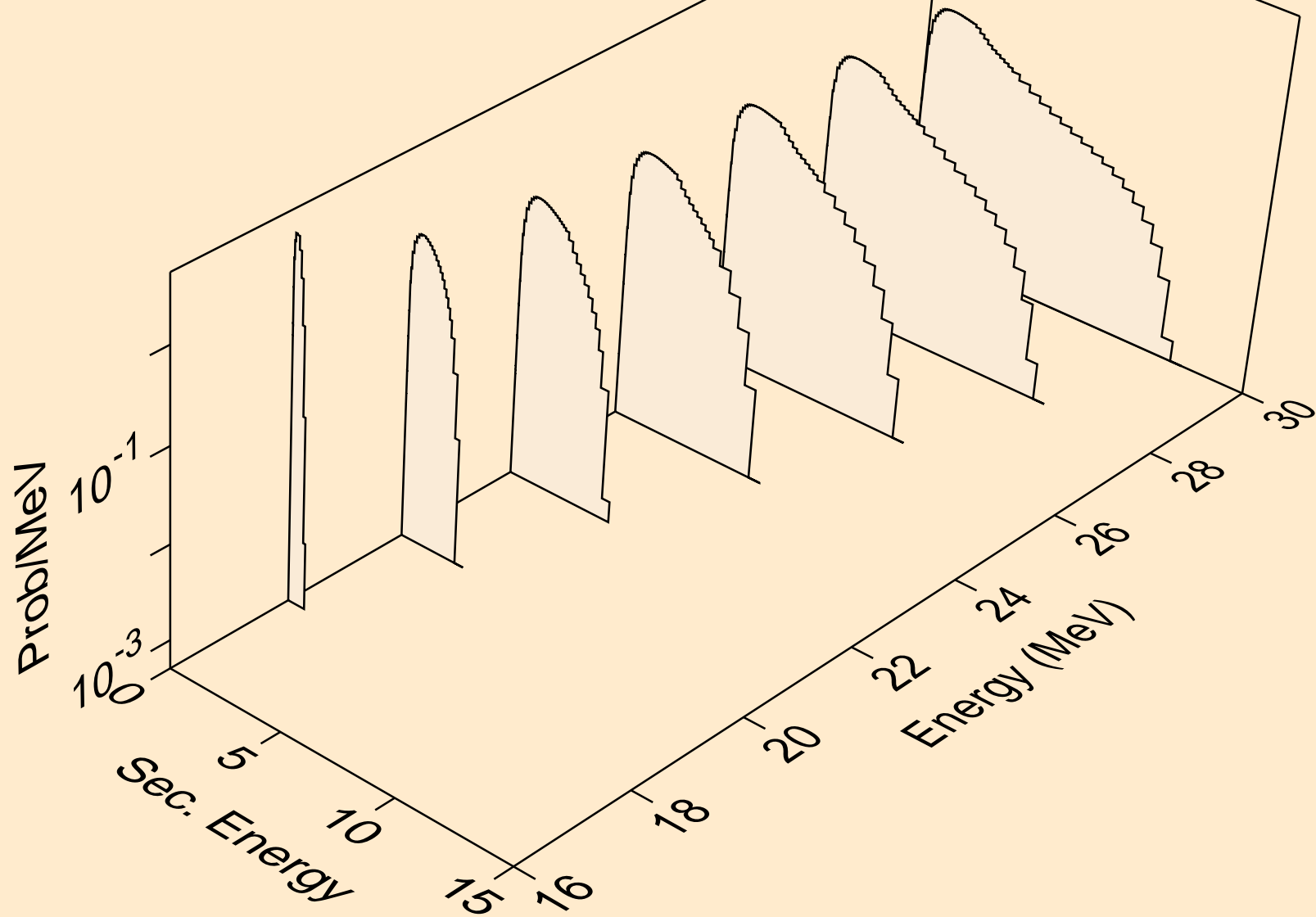
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



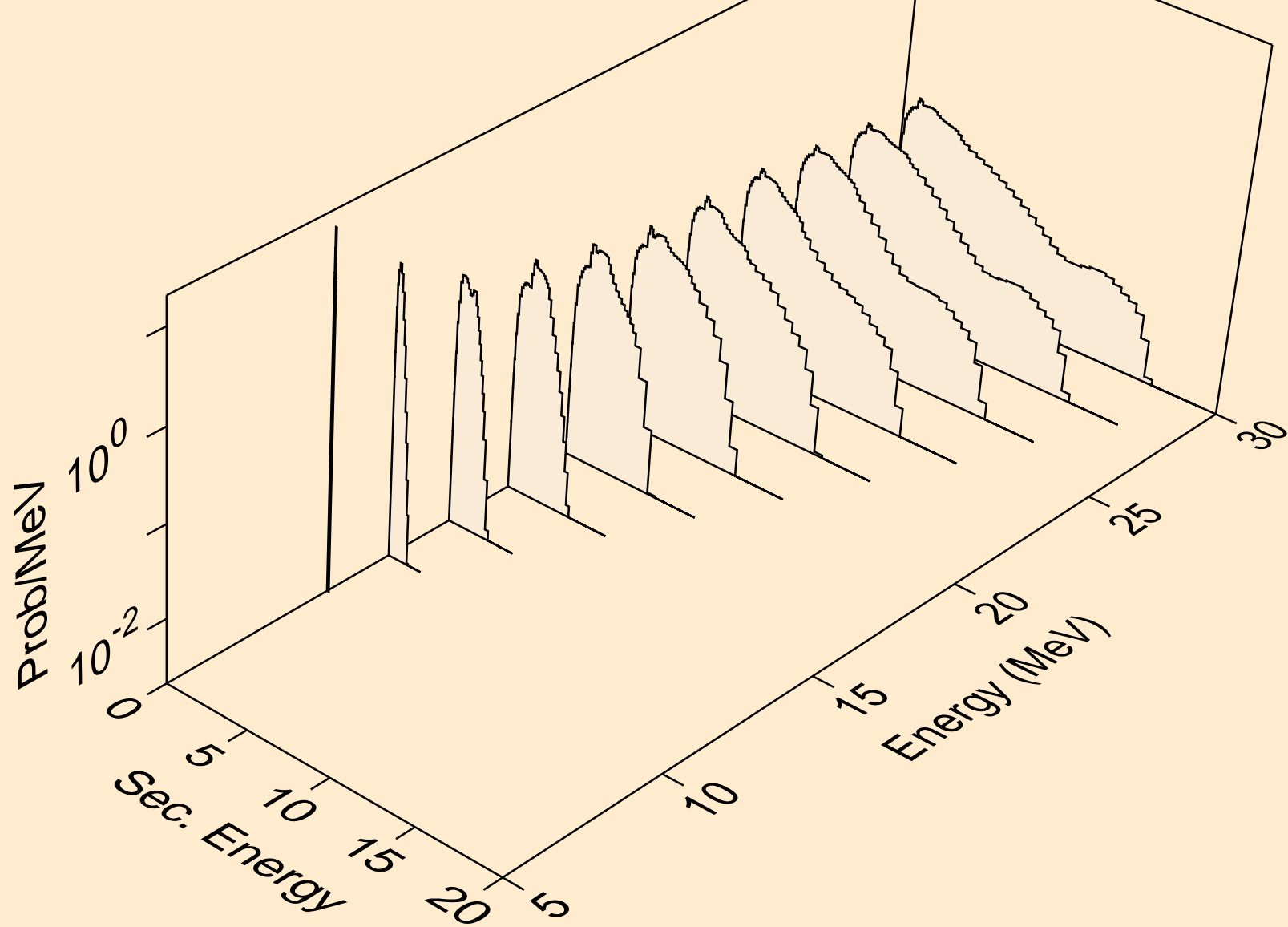
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



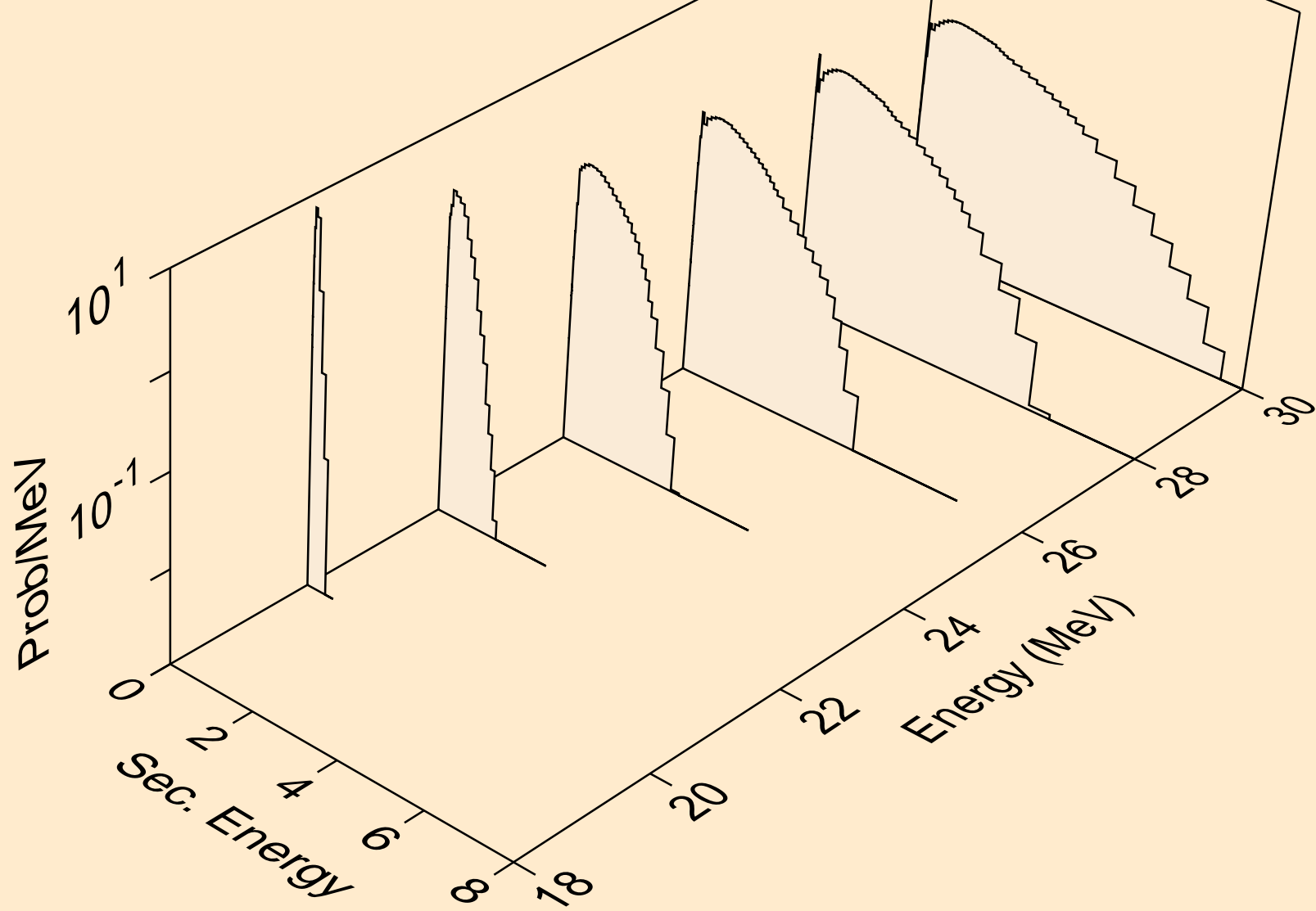
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



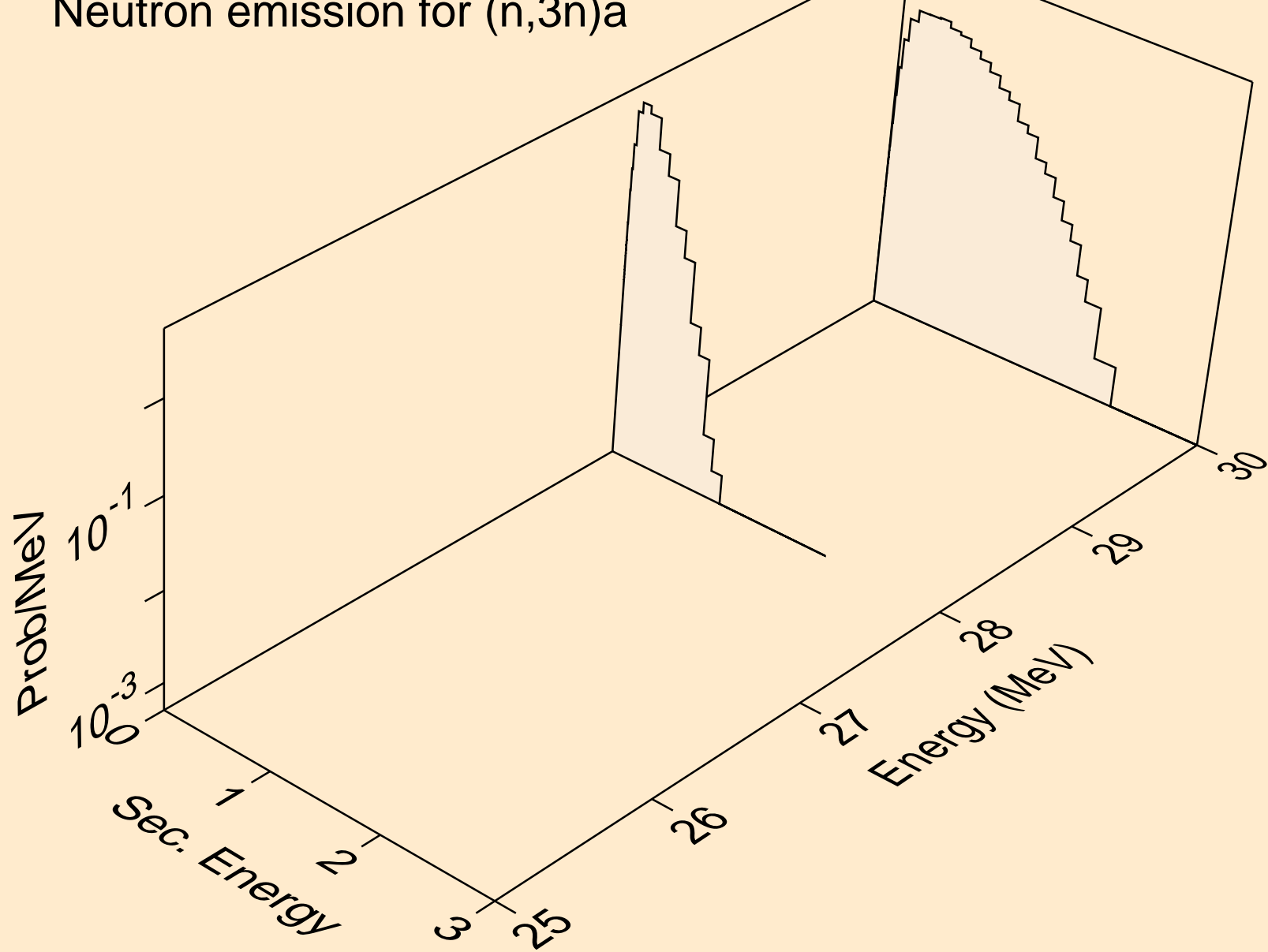
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

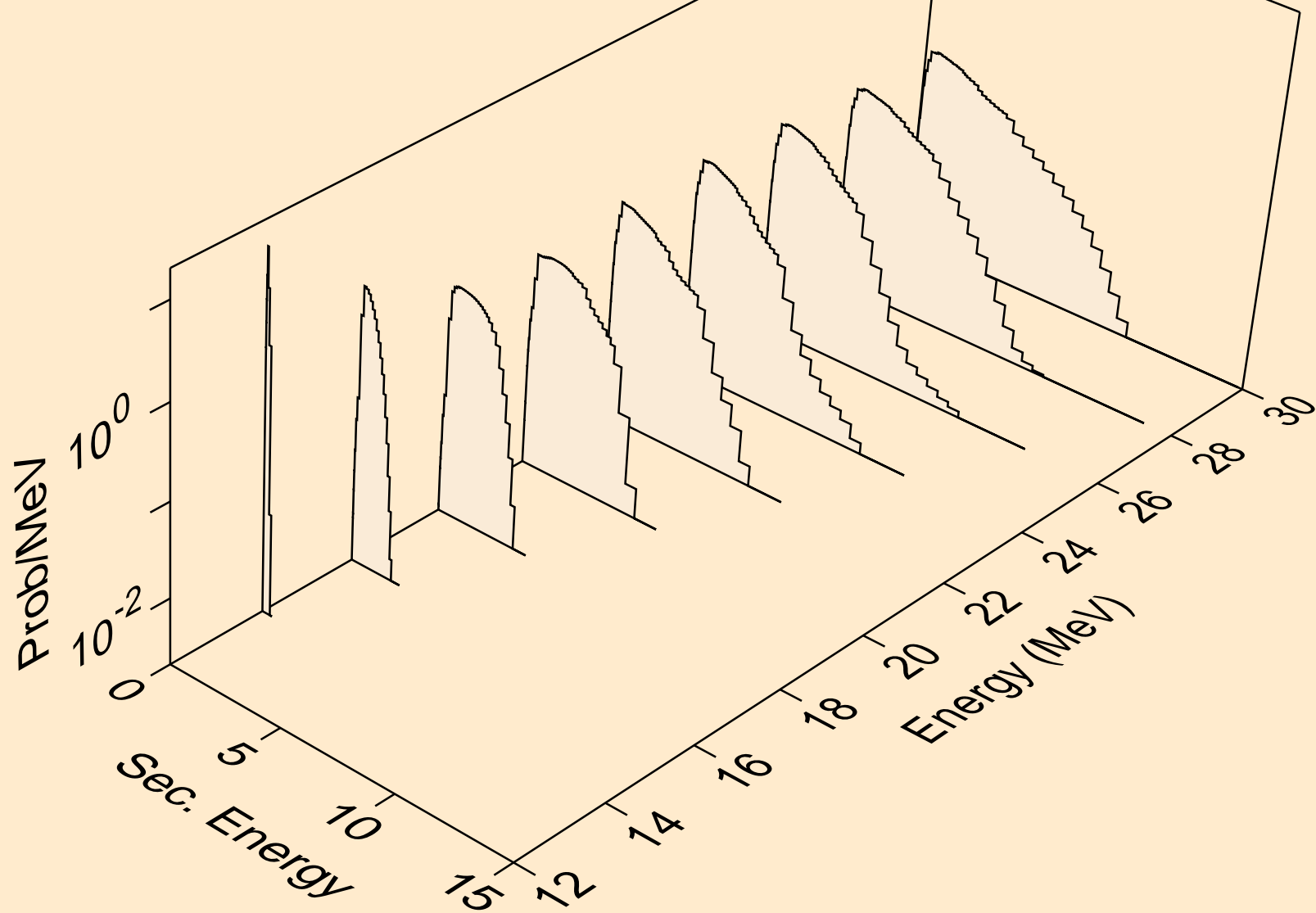


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

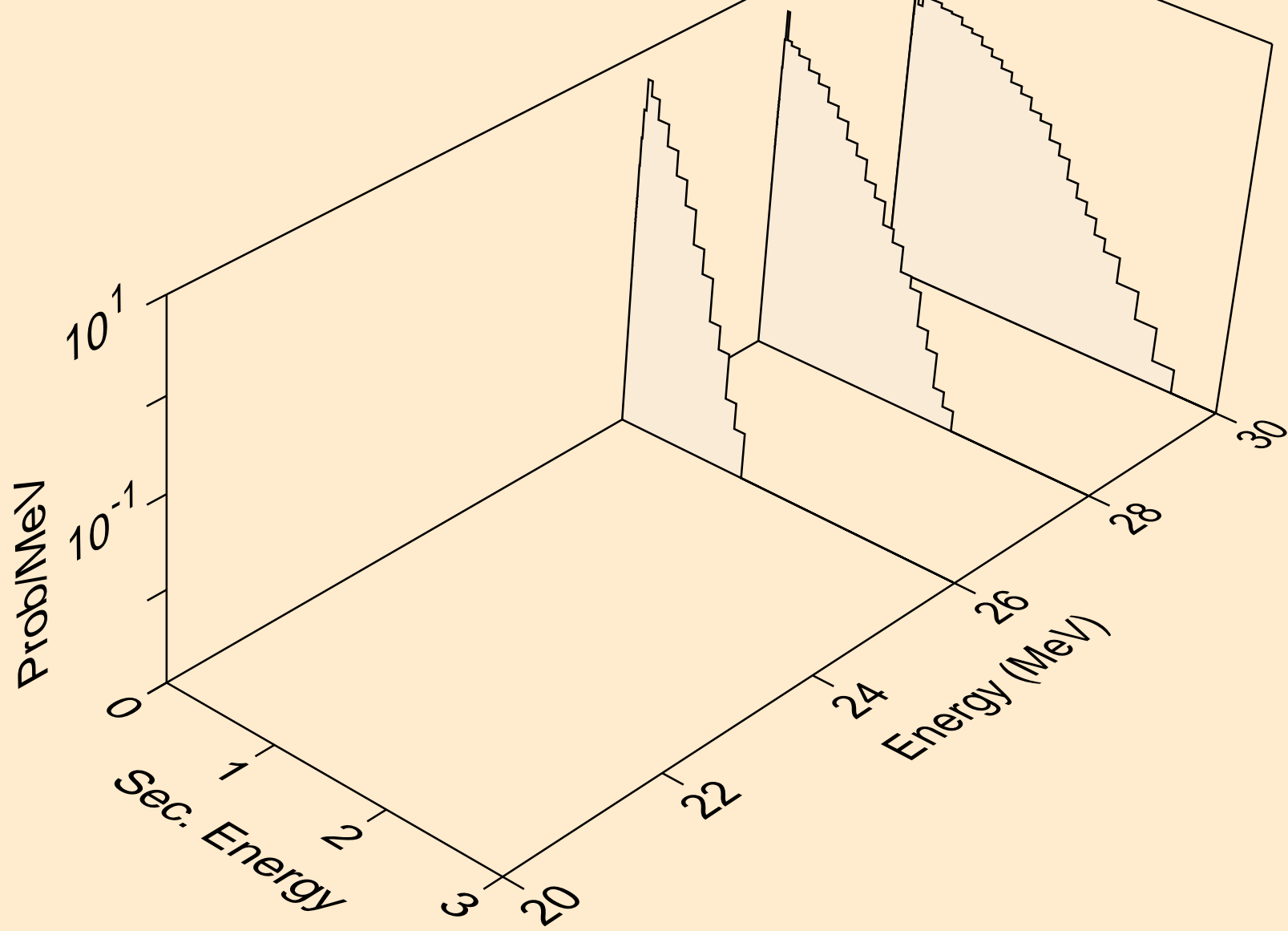




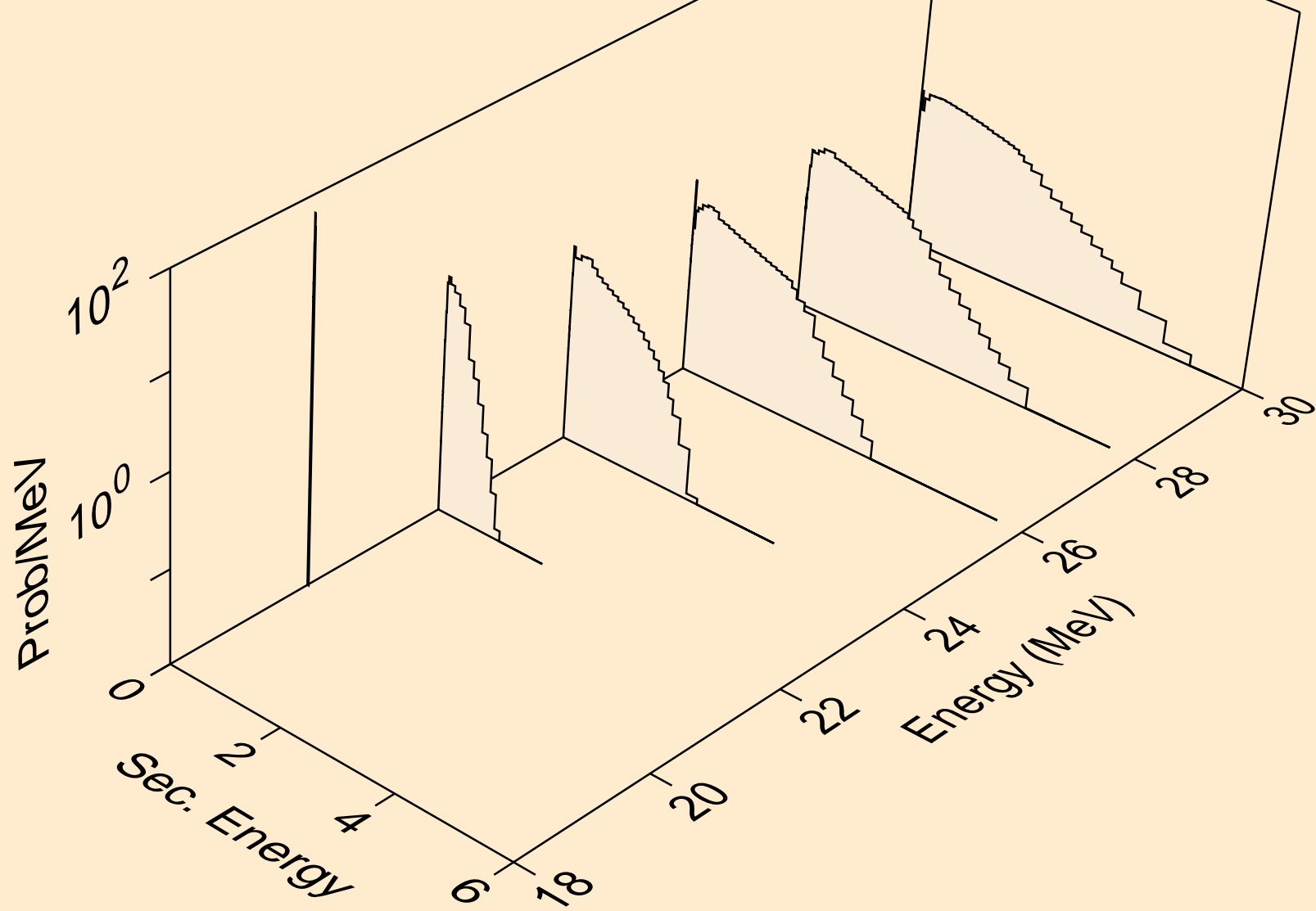
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



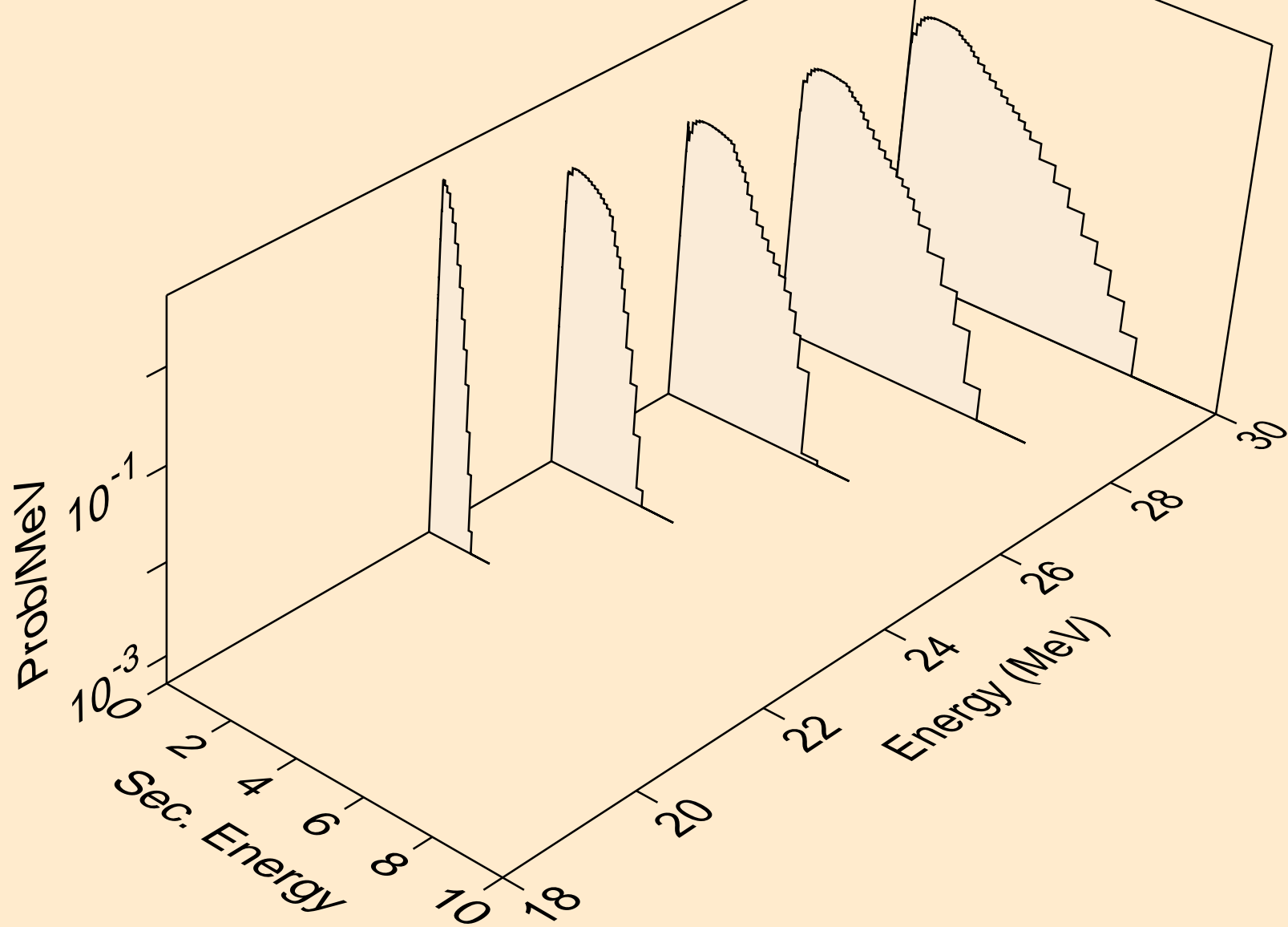
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Neutron emission for (n,n\*)2a



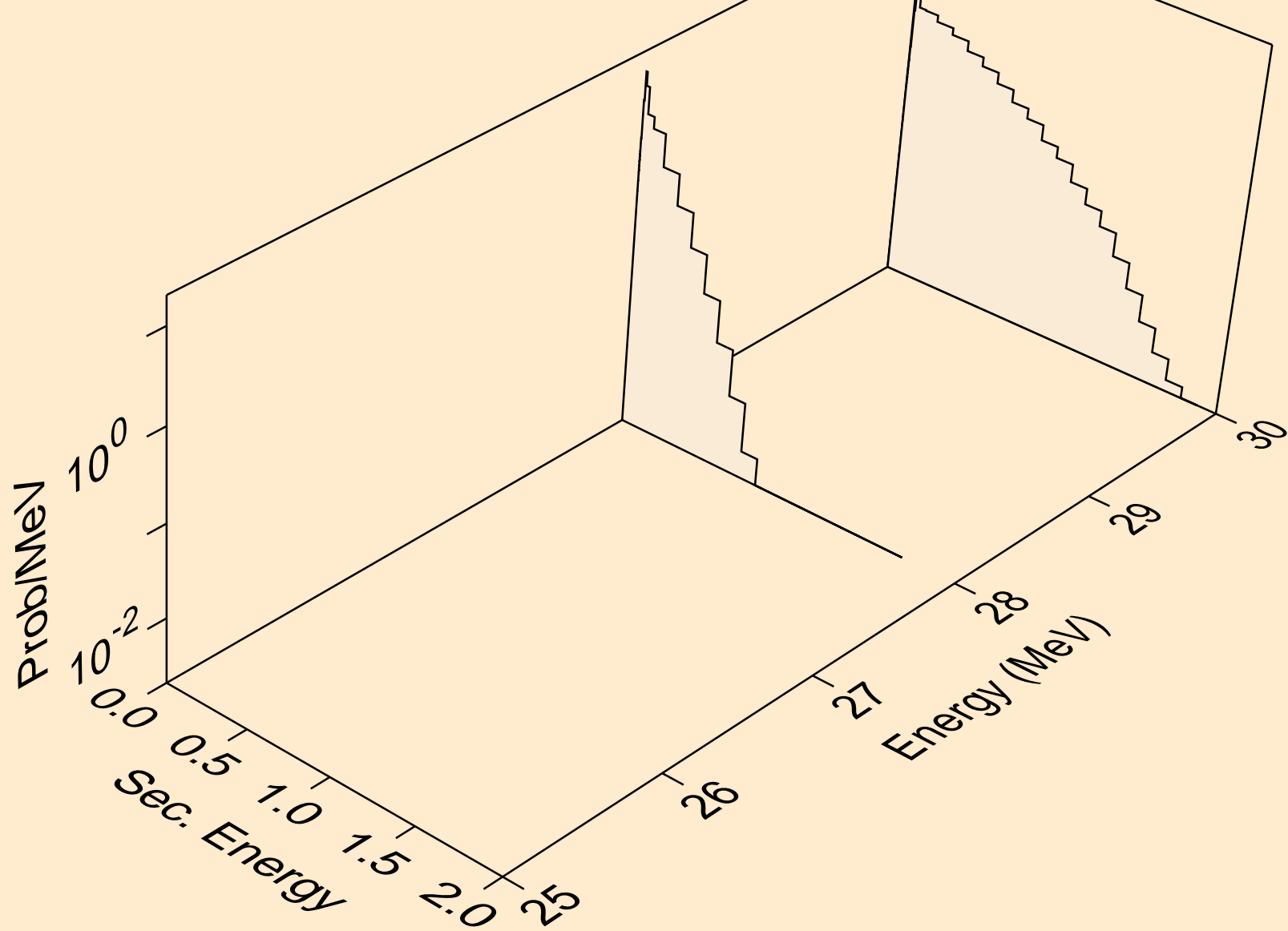
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



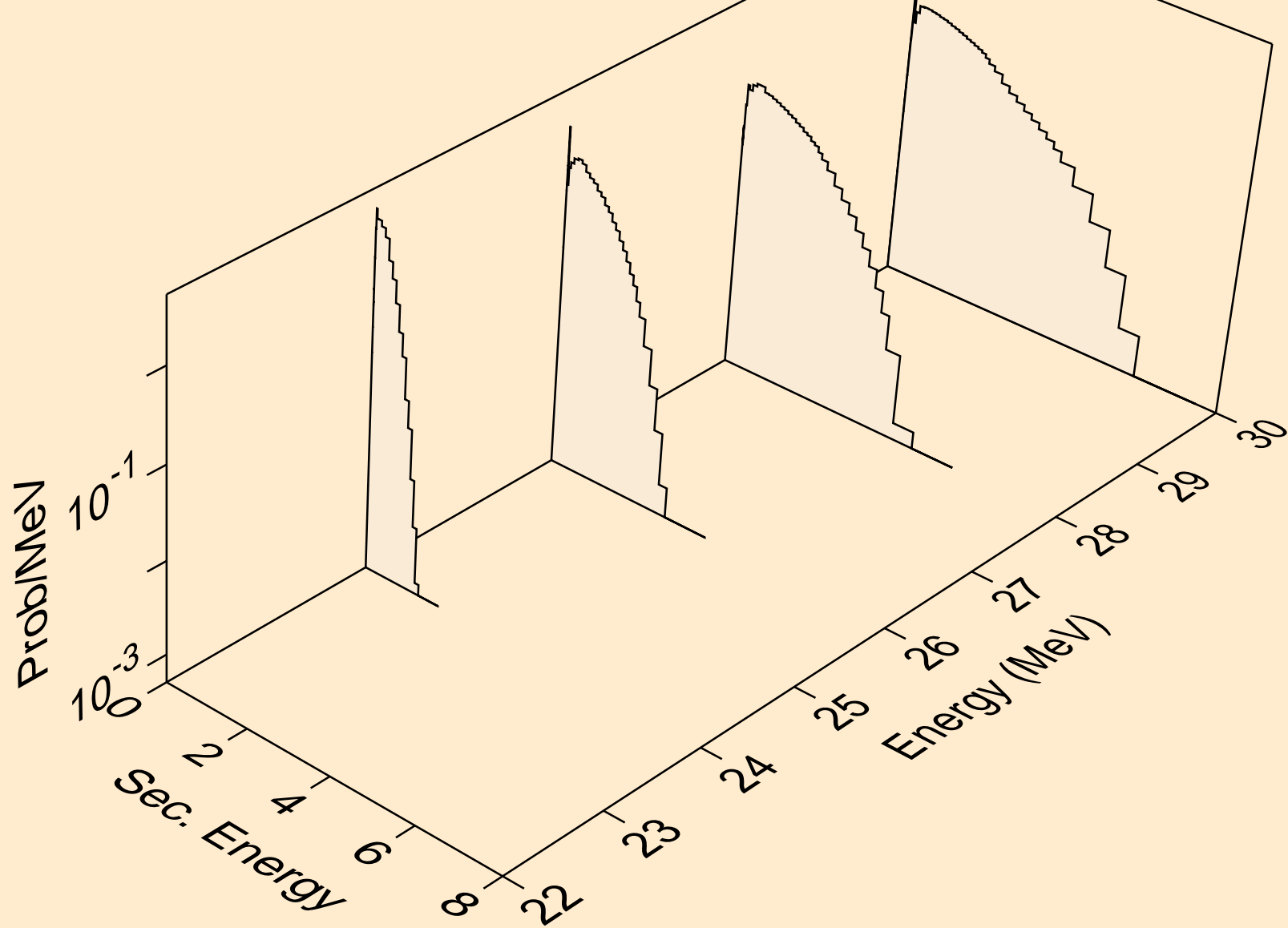
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Neutron emission for (n,n\*)t



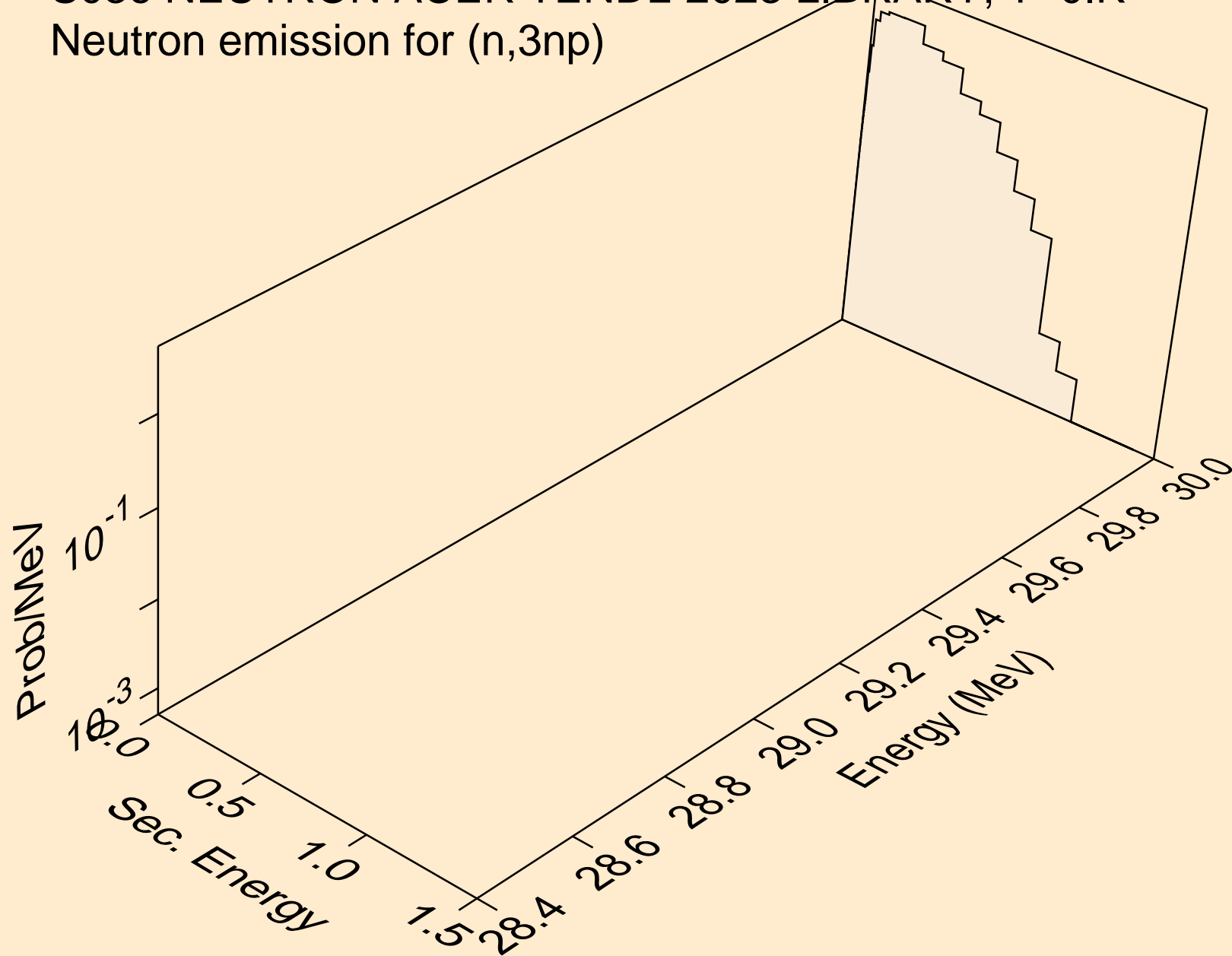
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Neutron emission for (n,n\*)he3



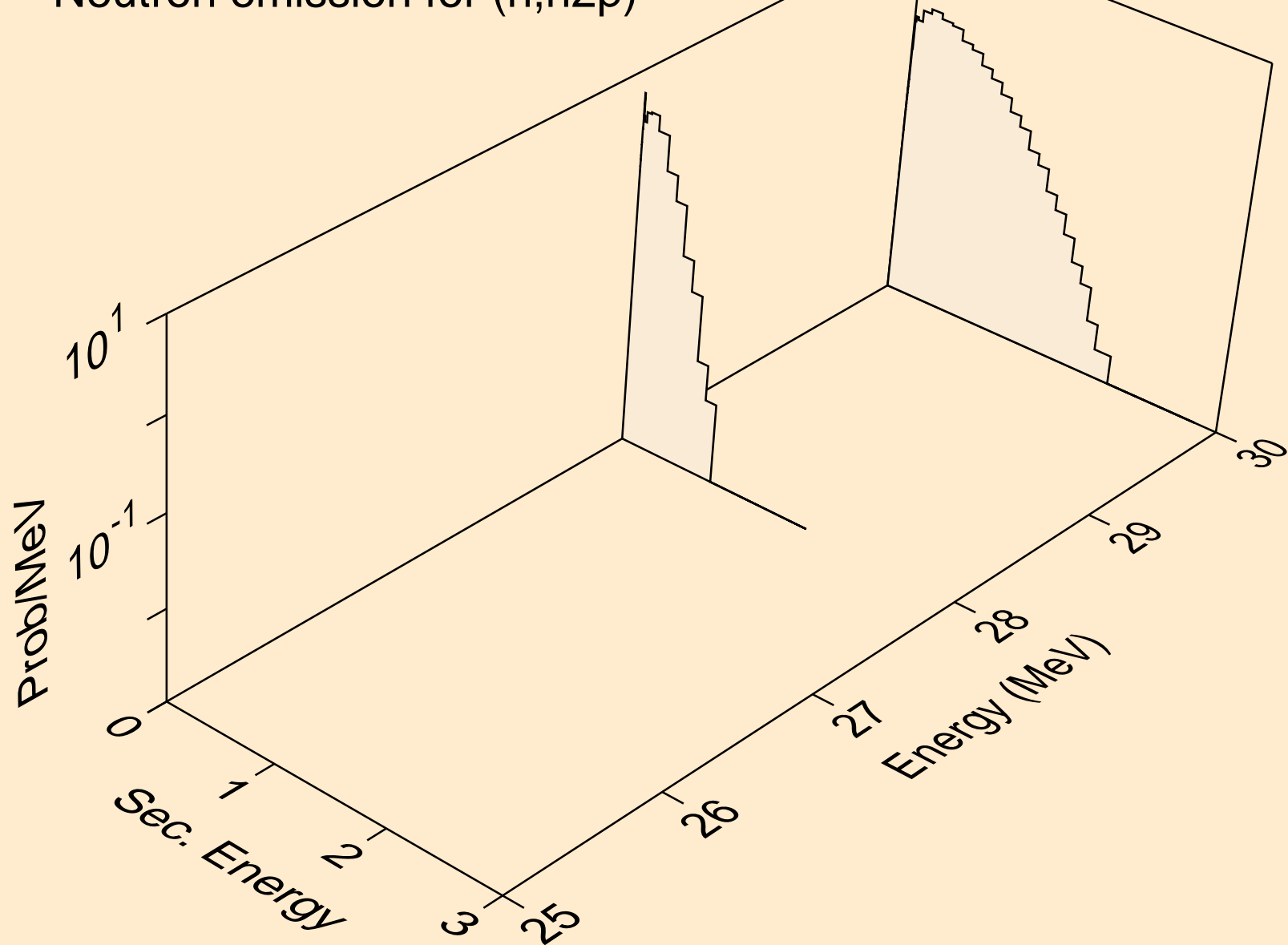
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

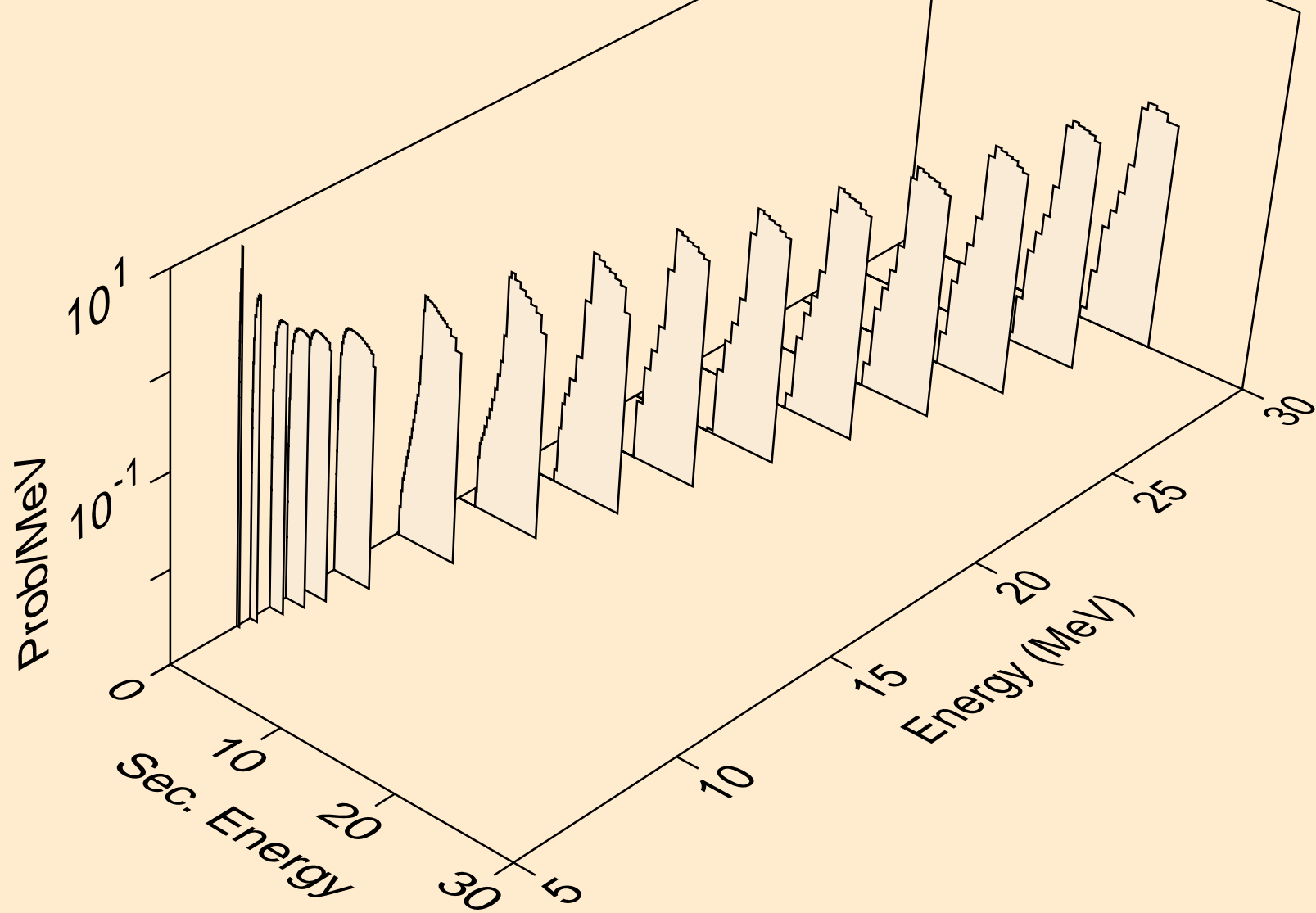


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

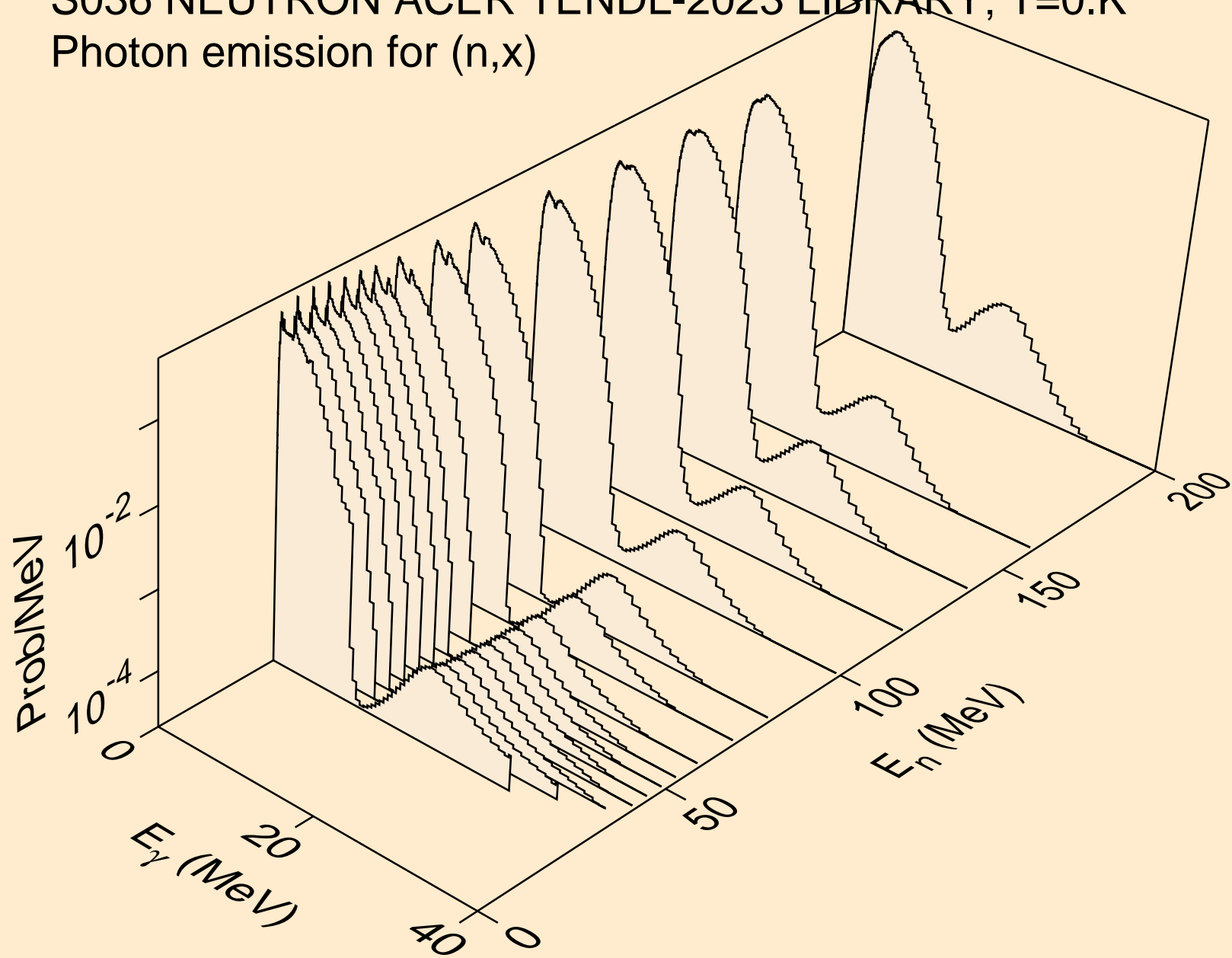




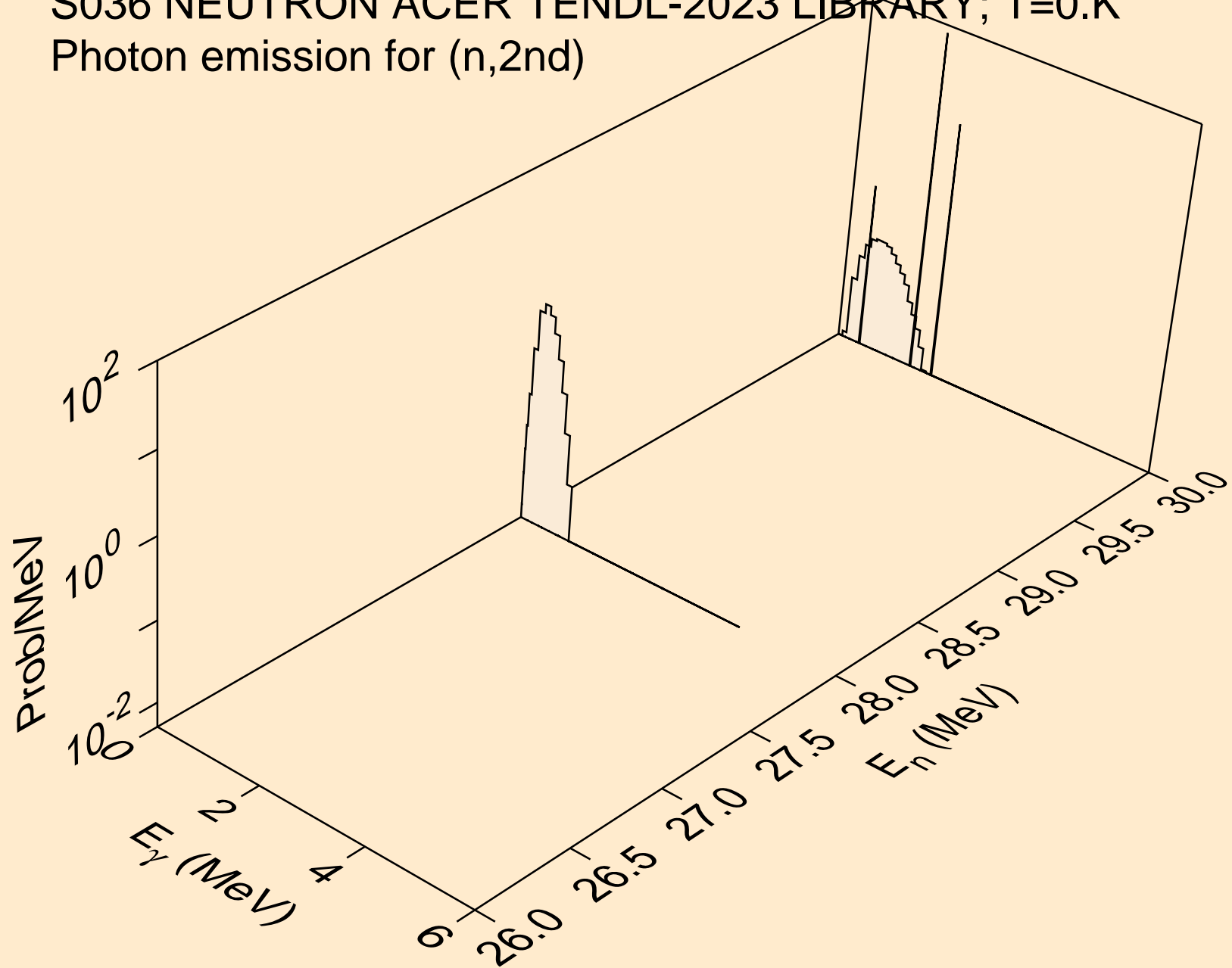
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



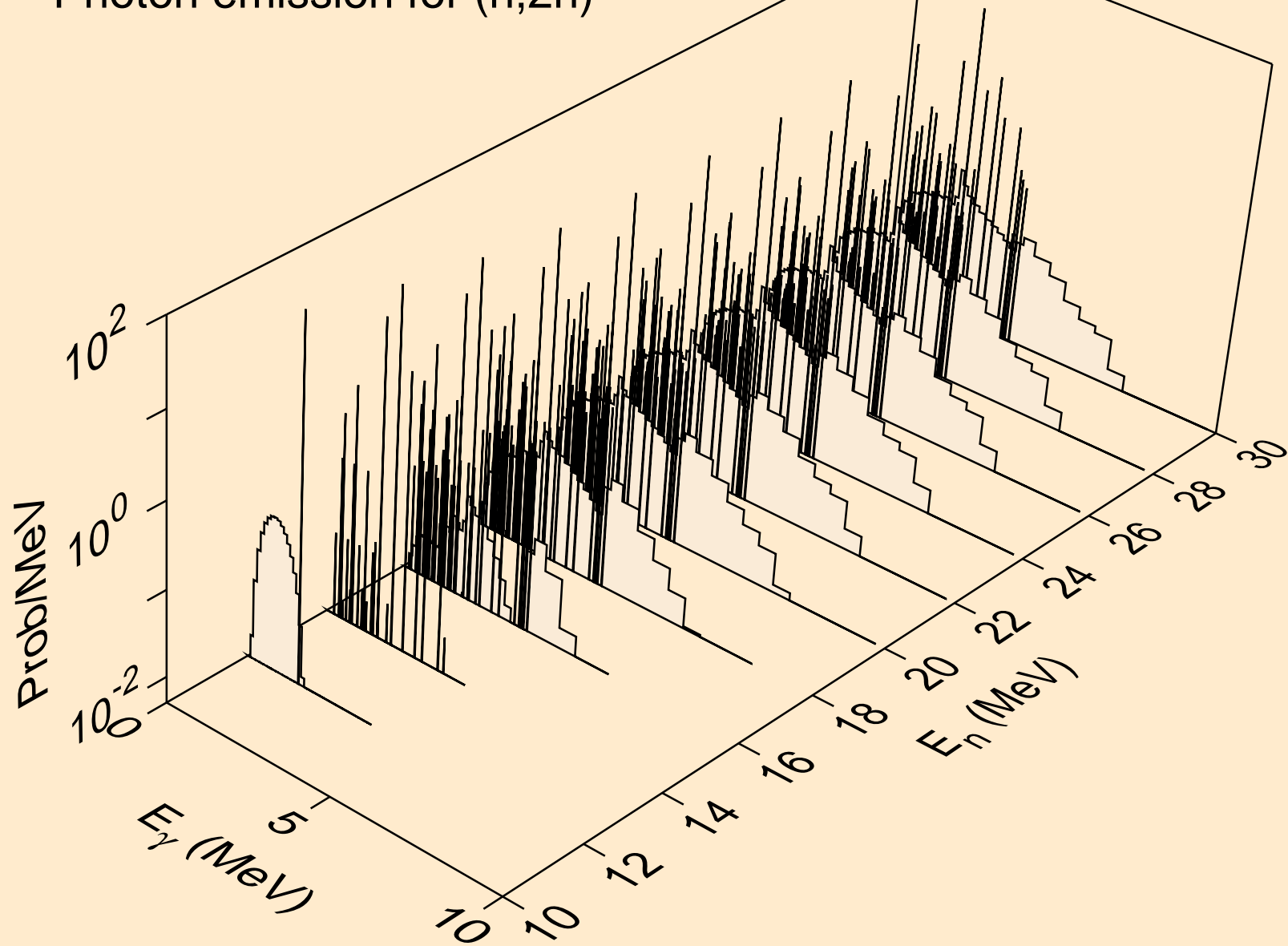
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



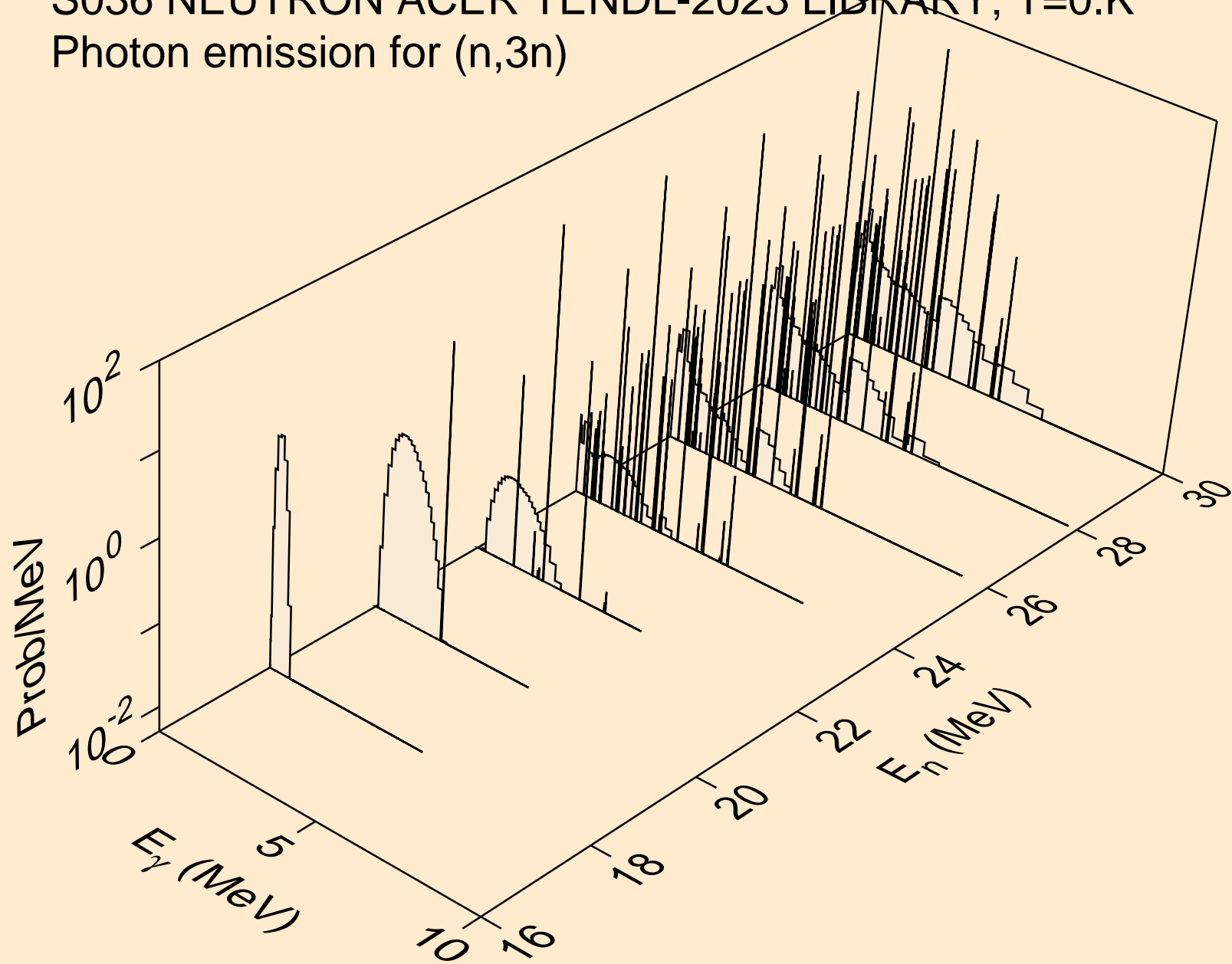
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



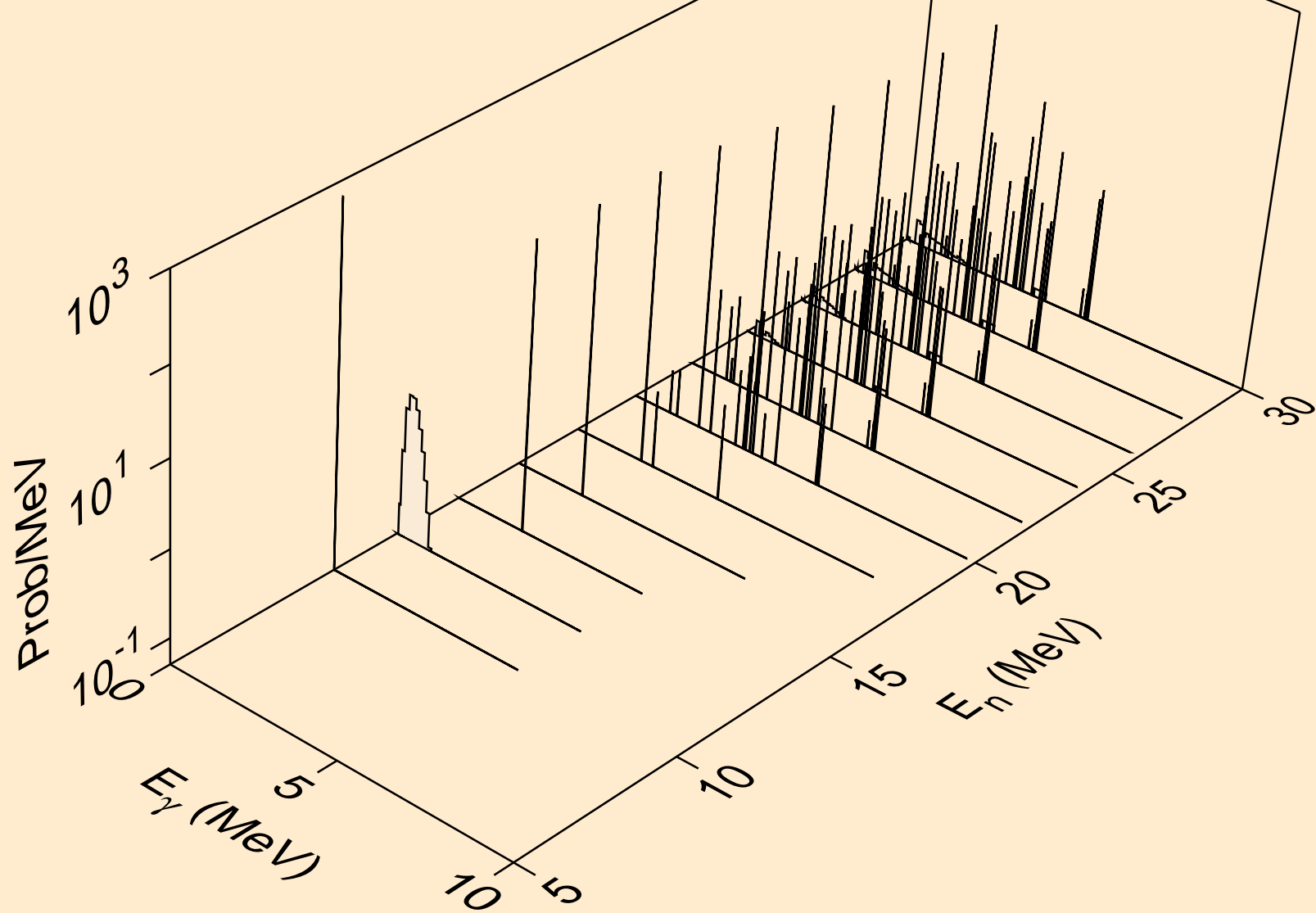
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



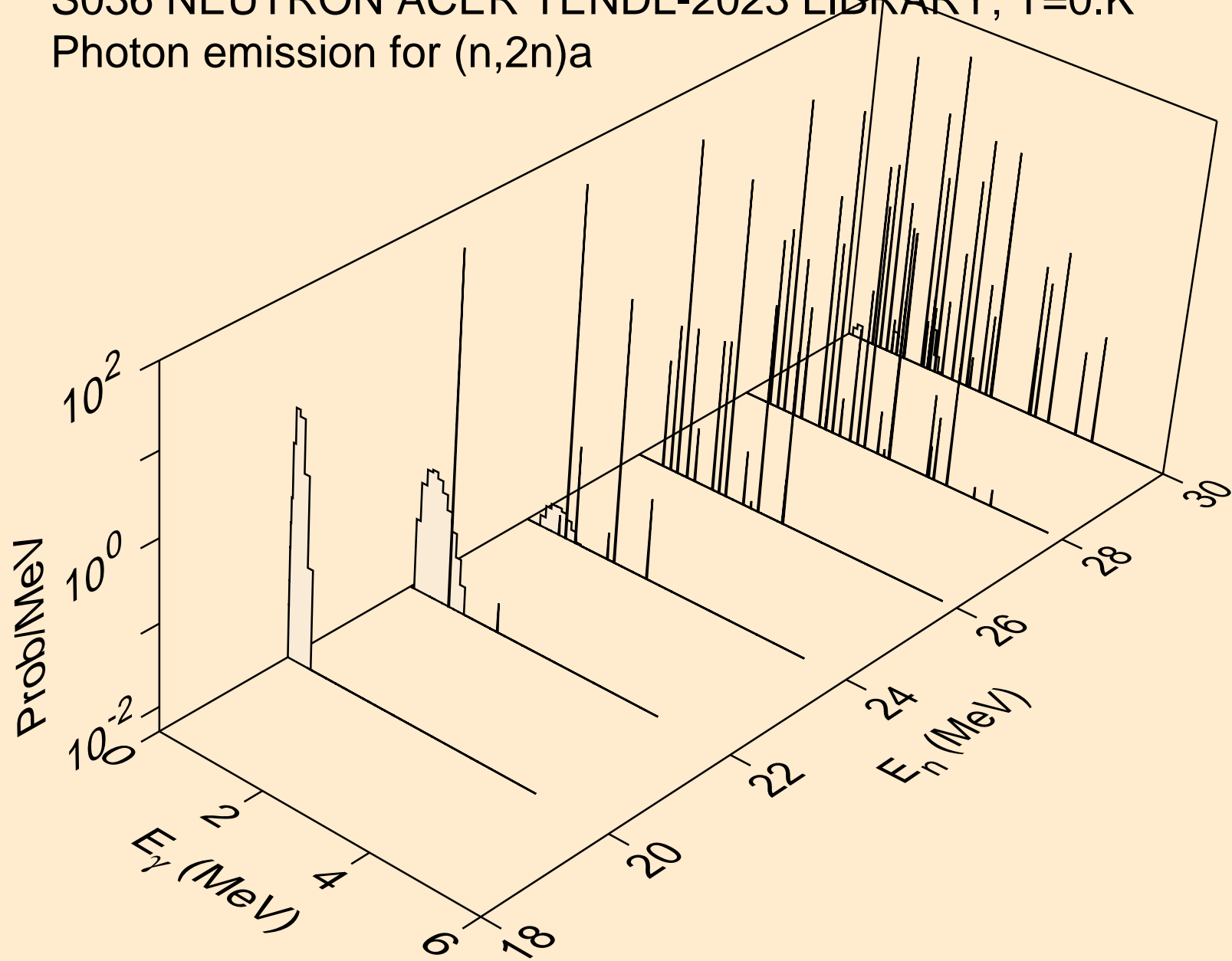
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



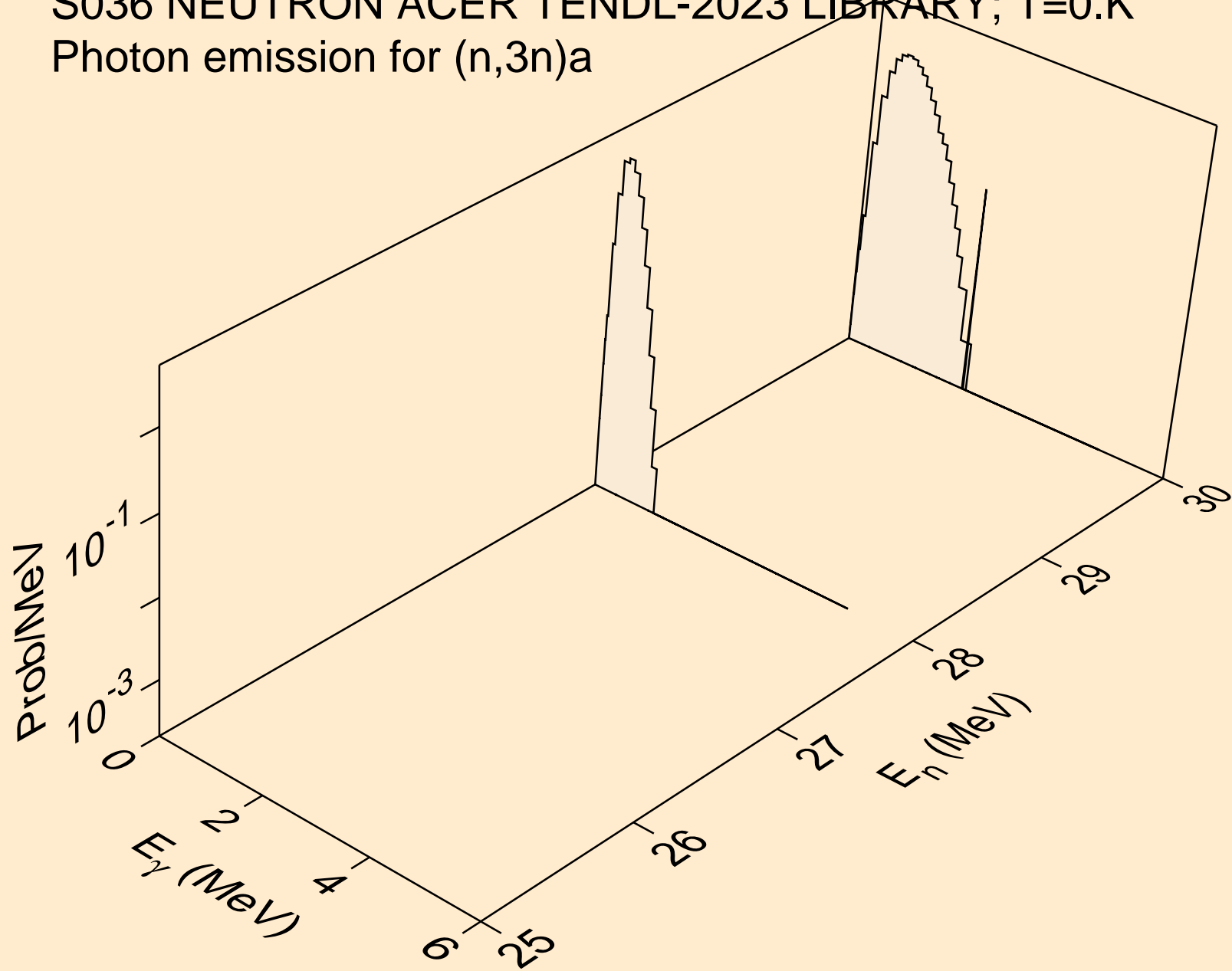
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

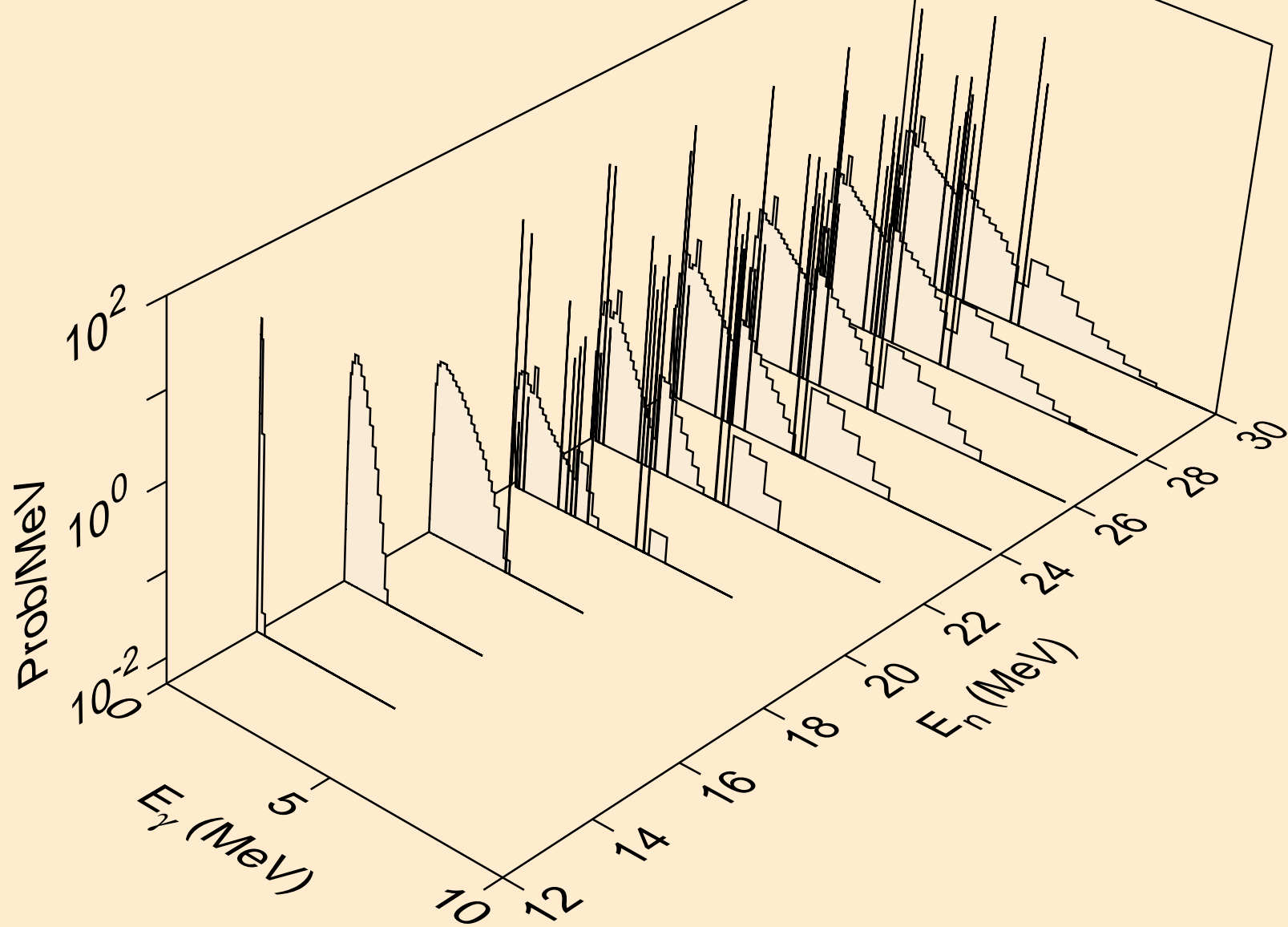


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

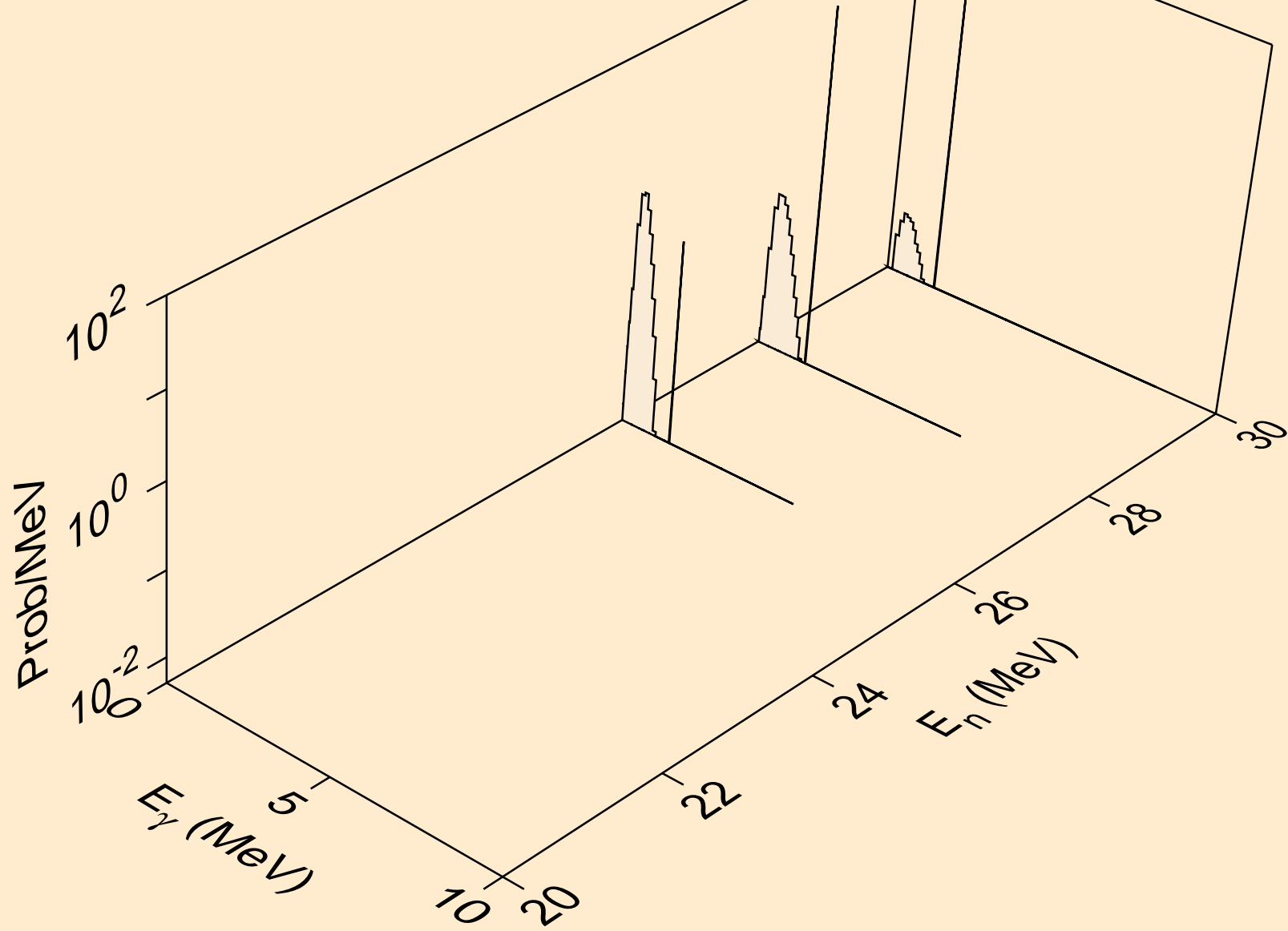




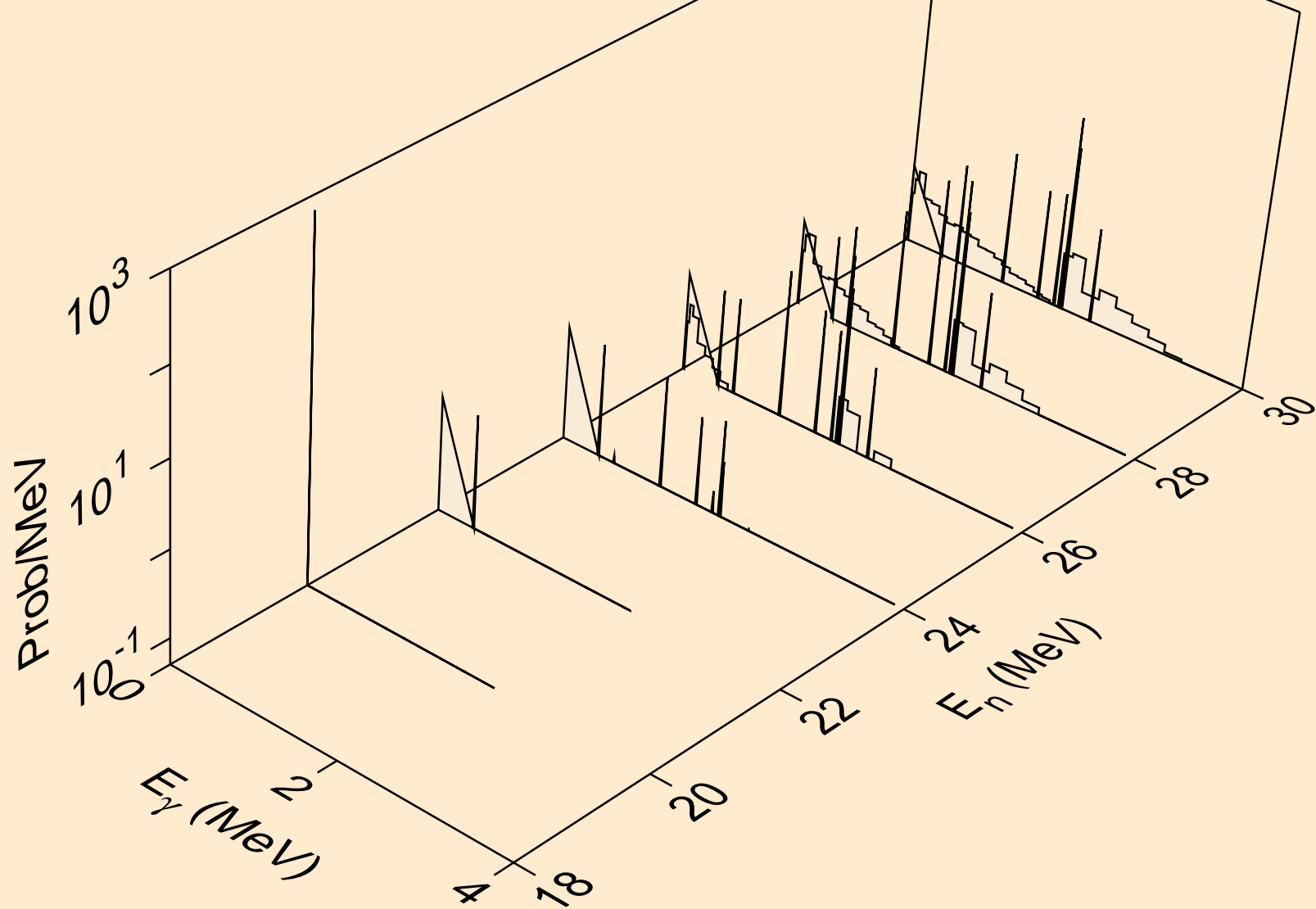
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



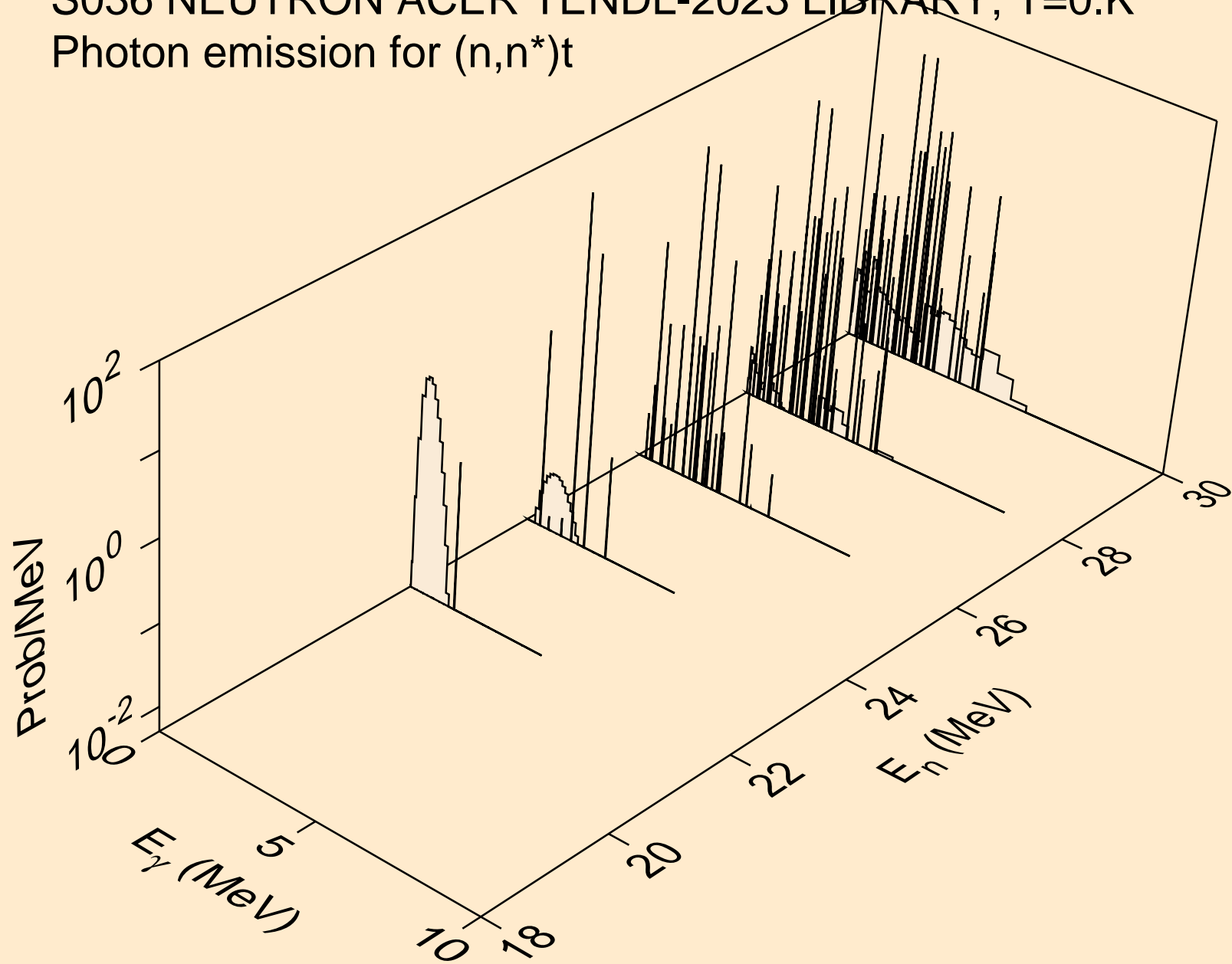
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Photon emission for (n,n\*)2a



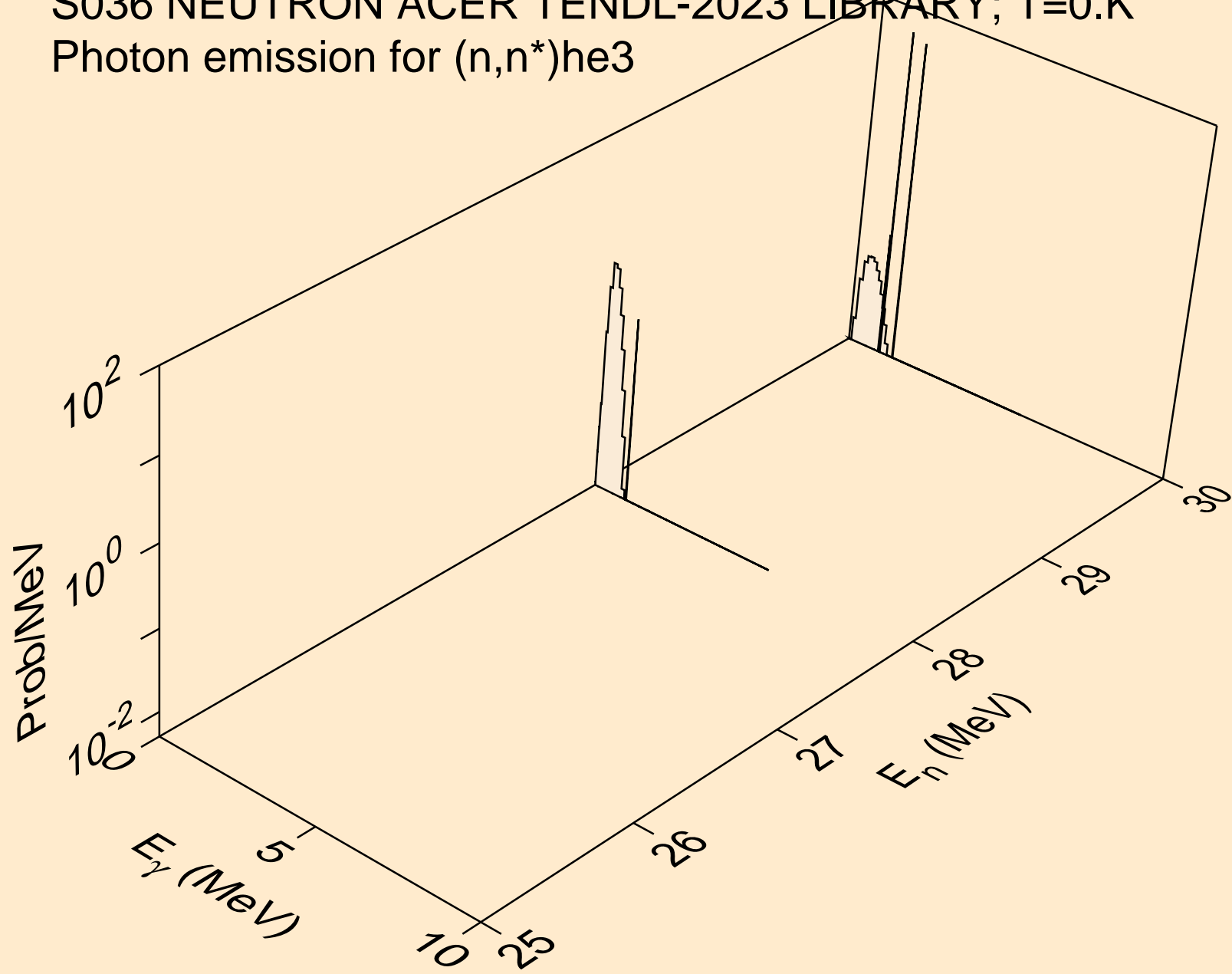
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



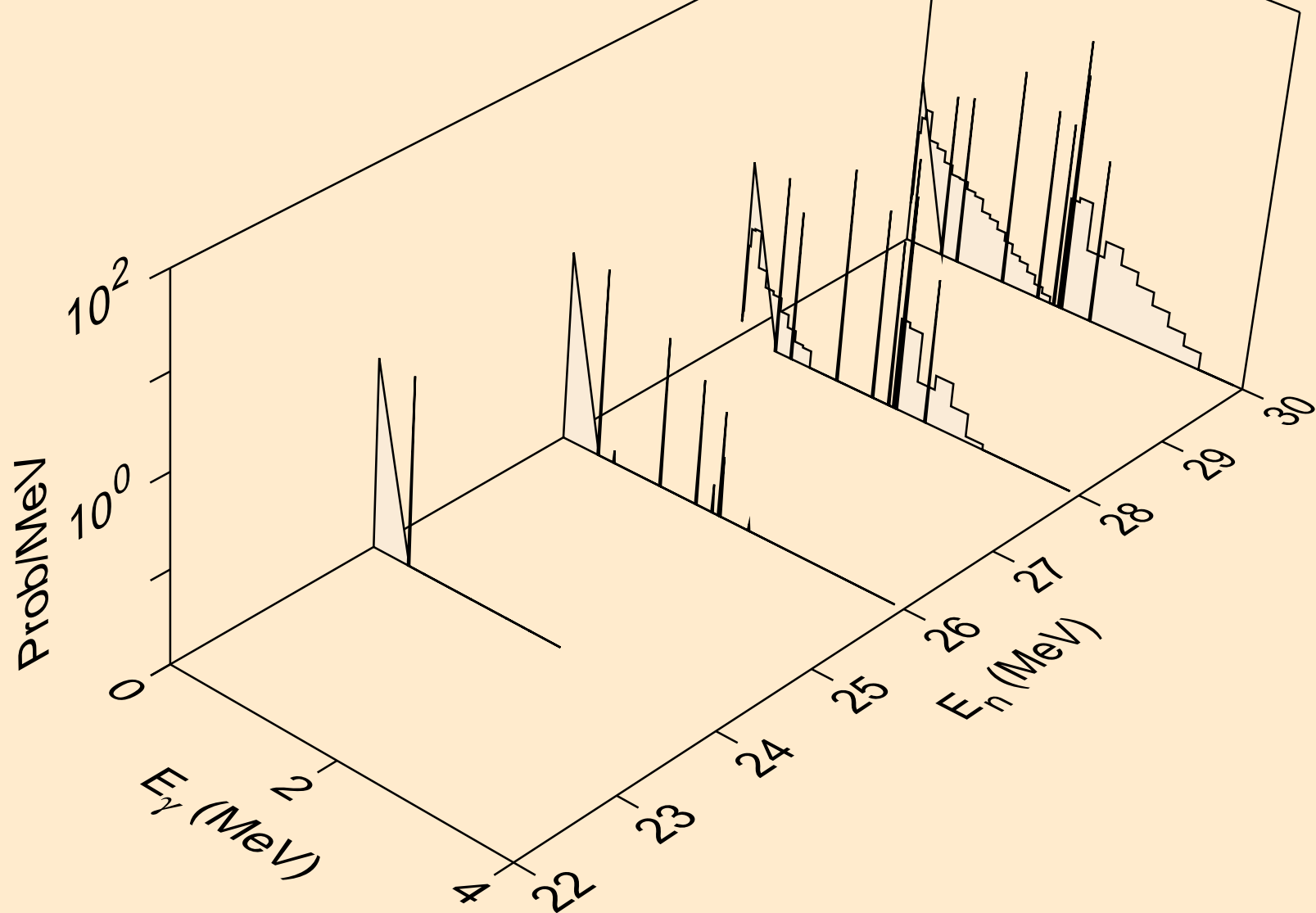
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



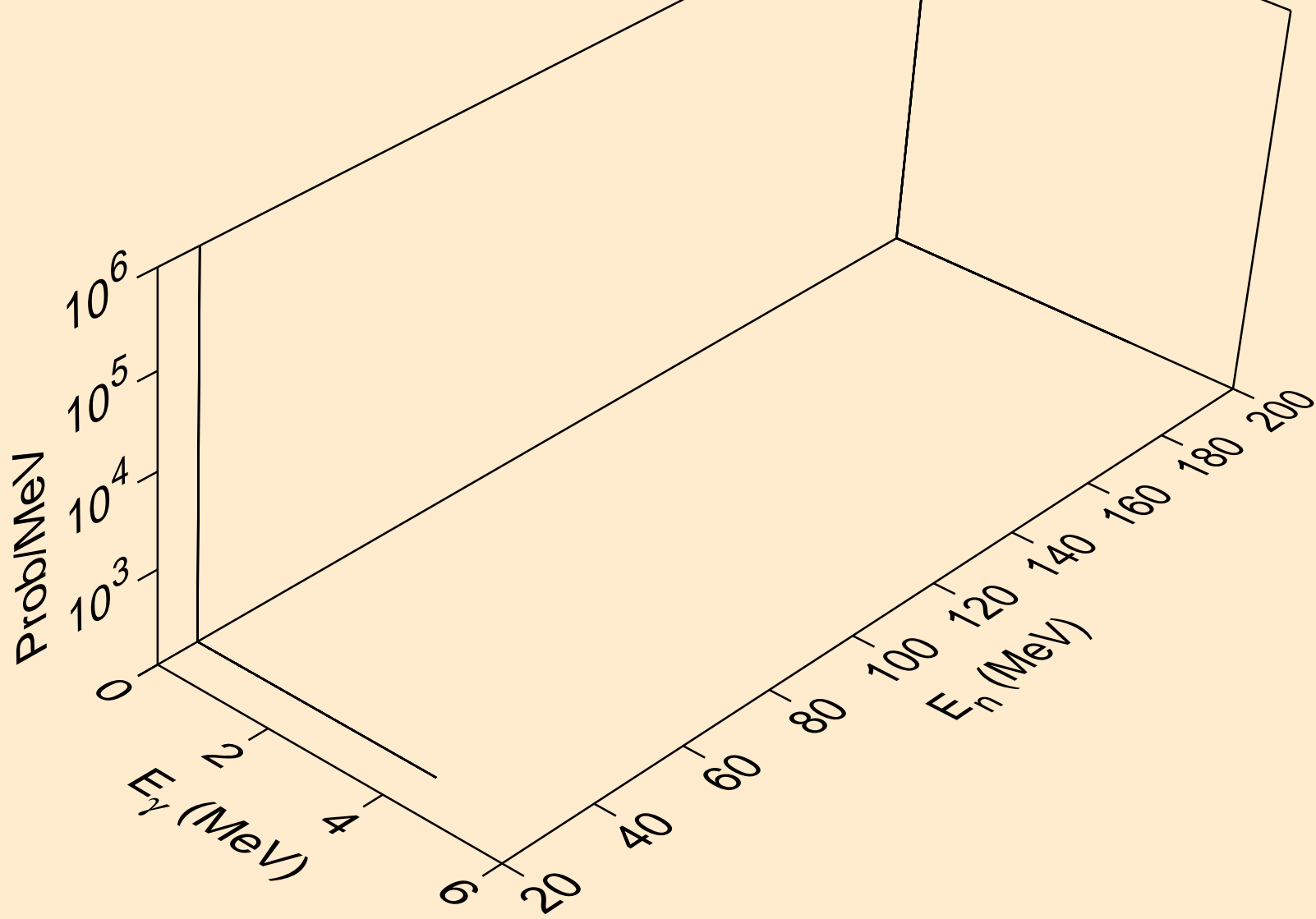
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Photon emission for (n,n\*)he3



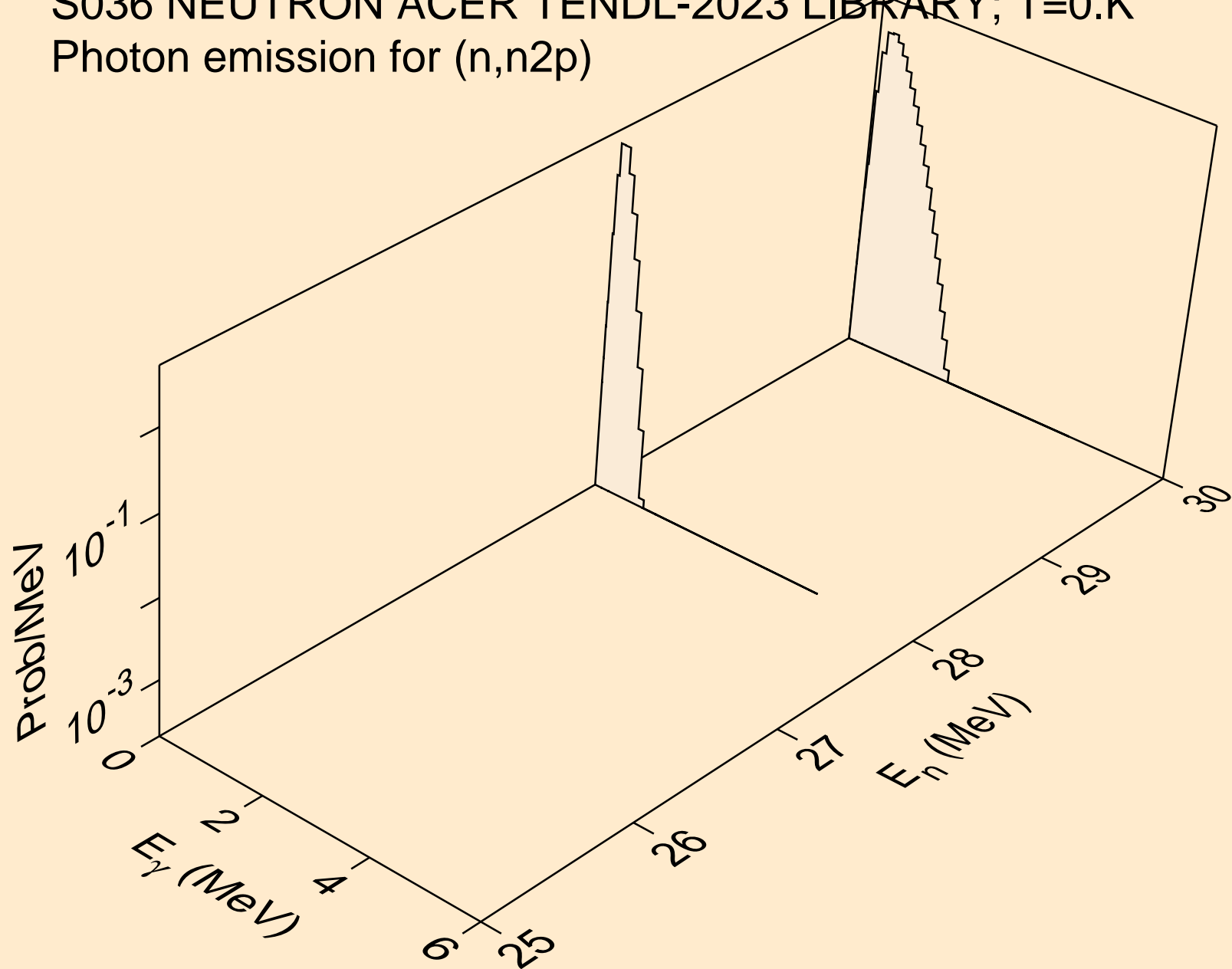
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

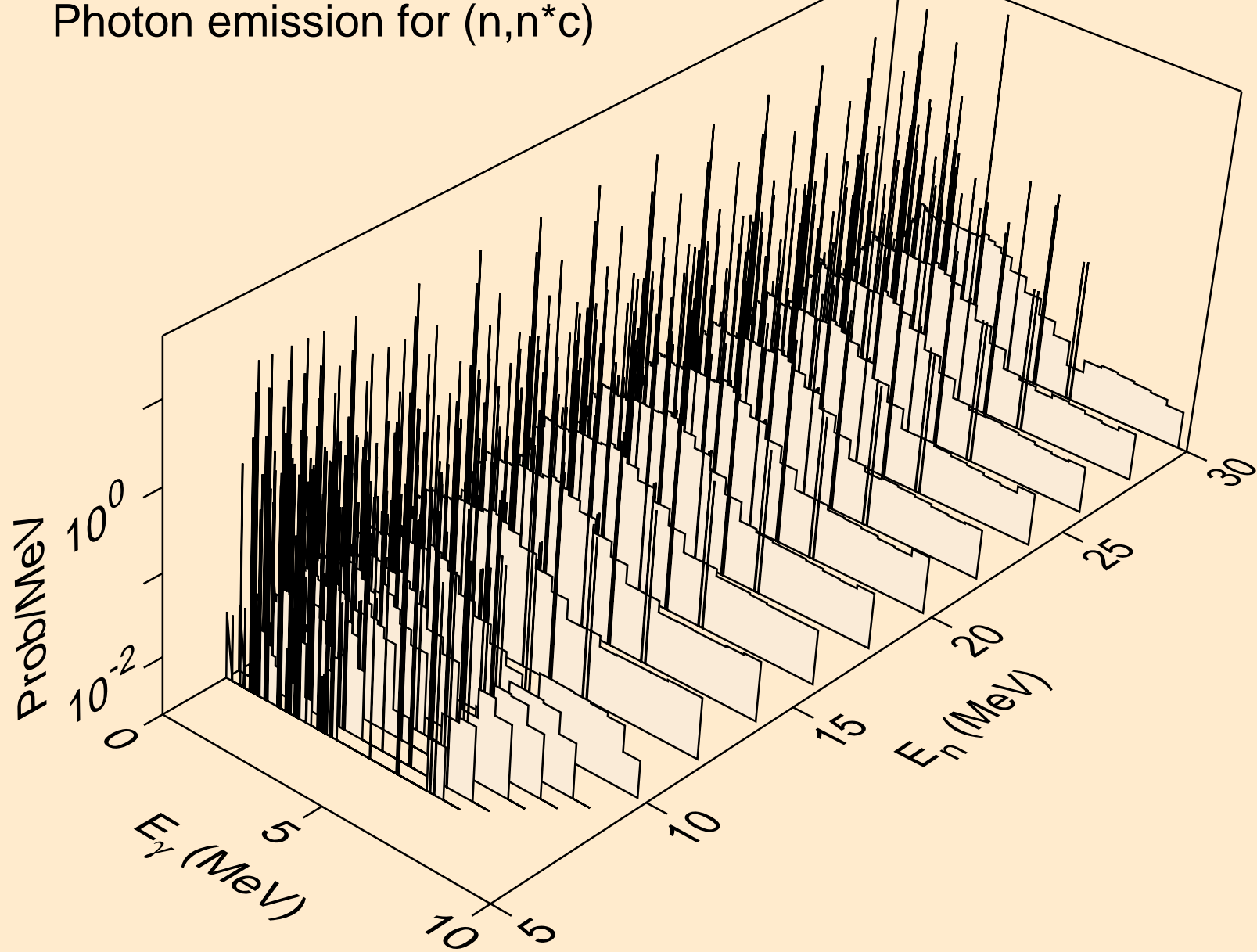


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

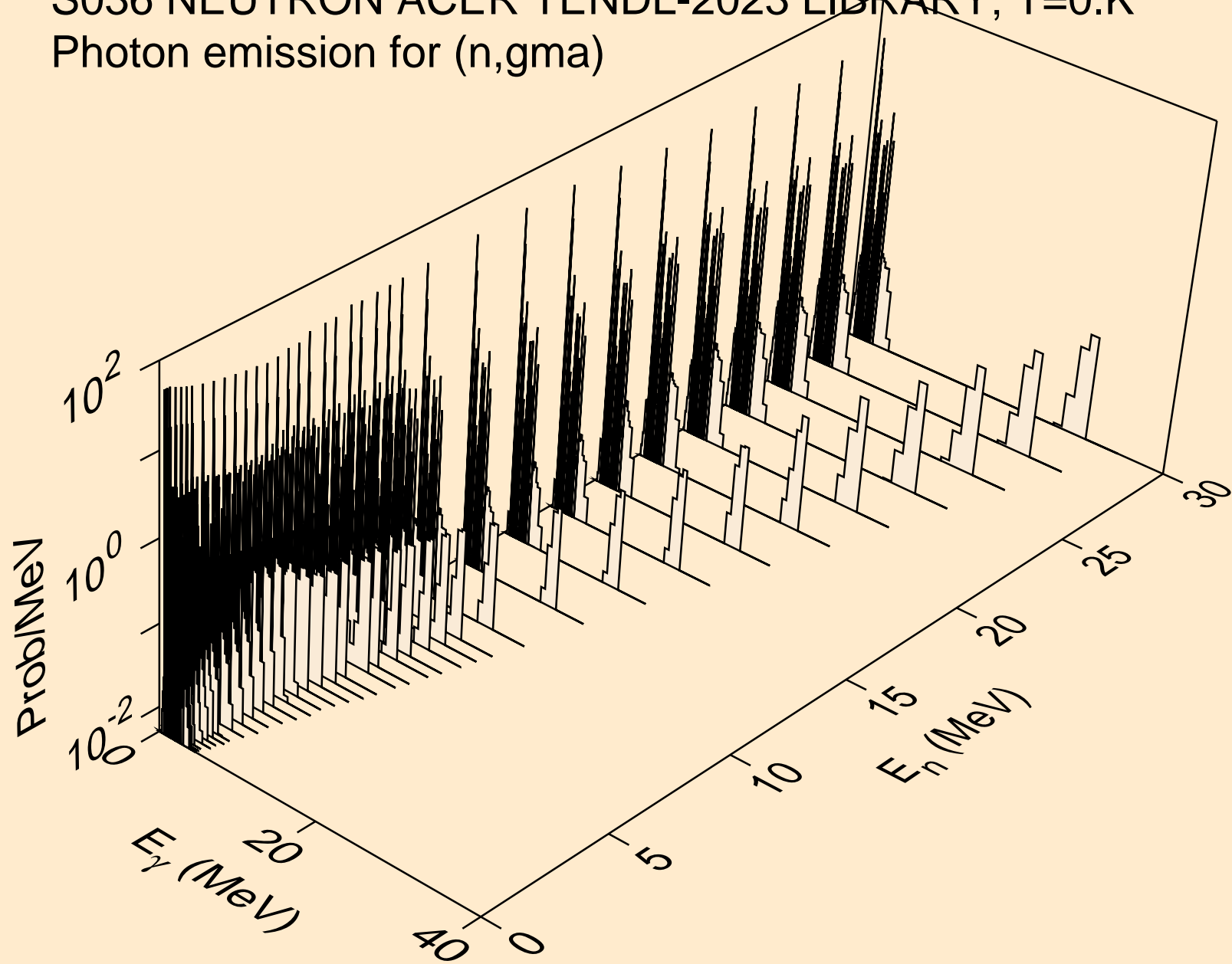




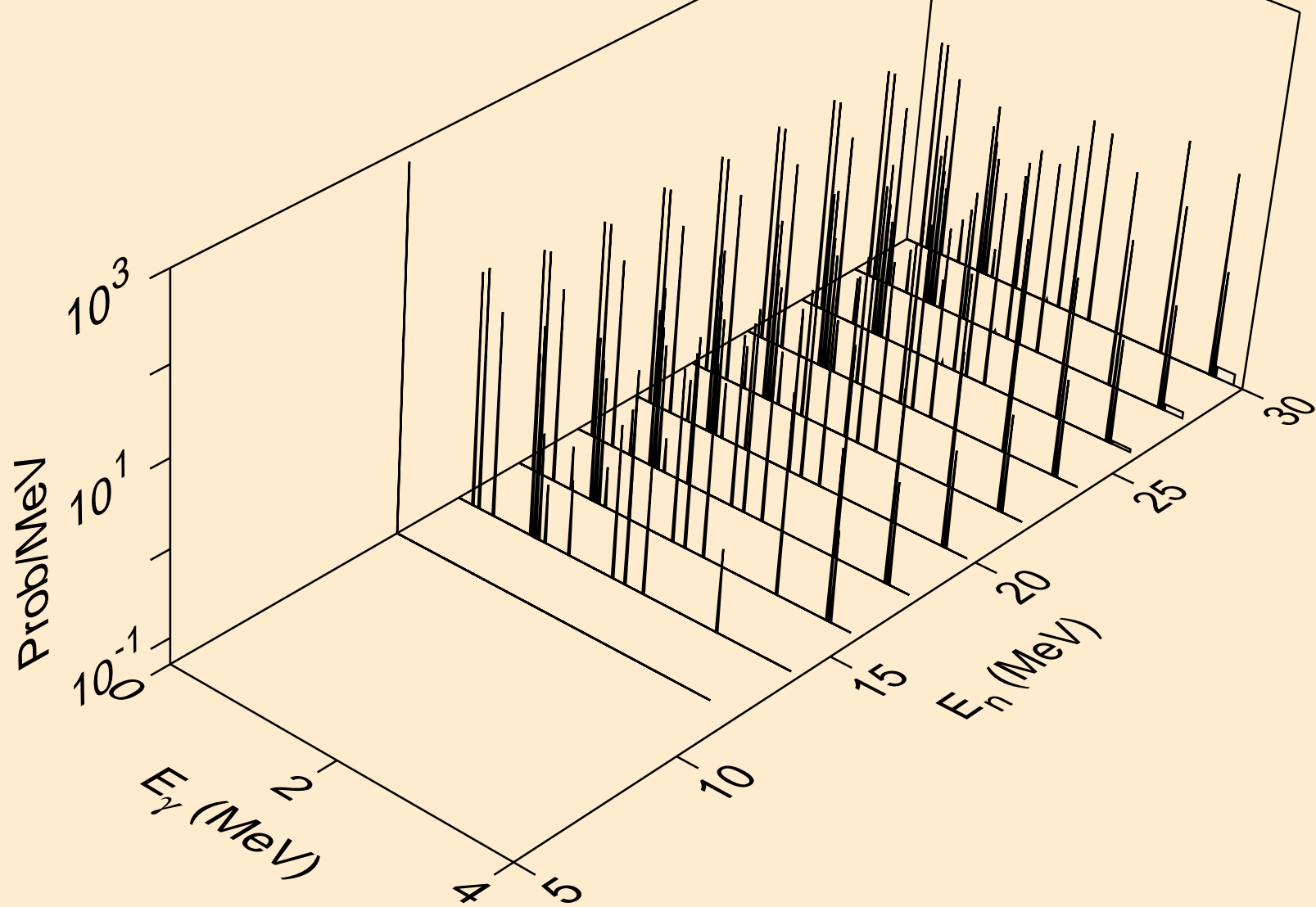
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



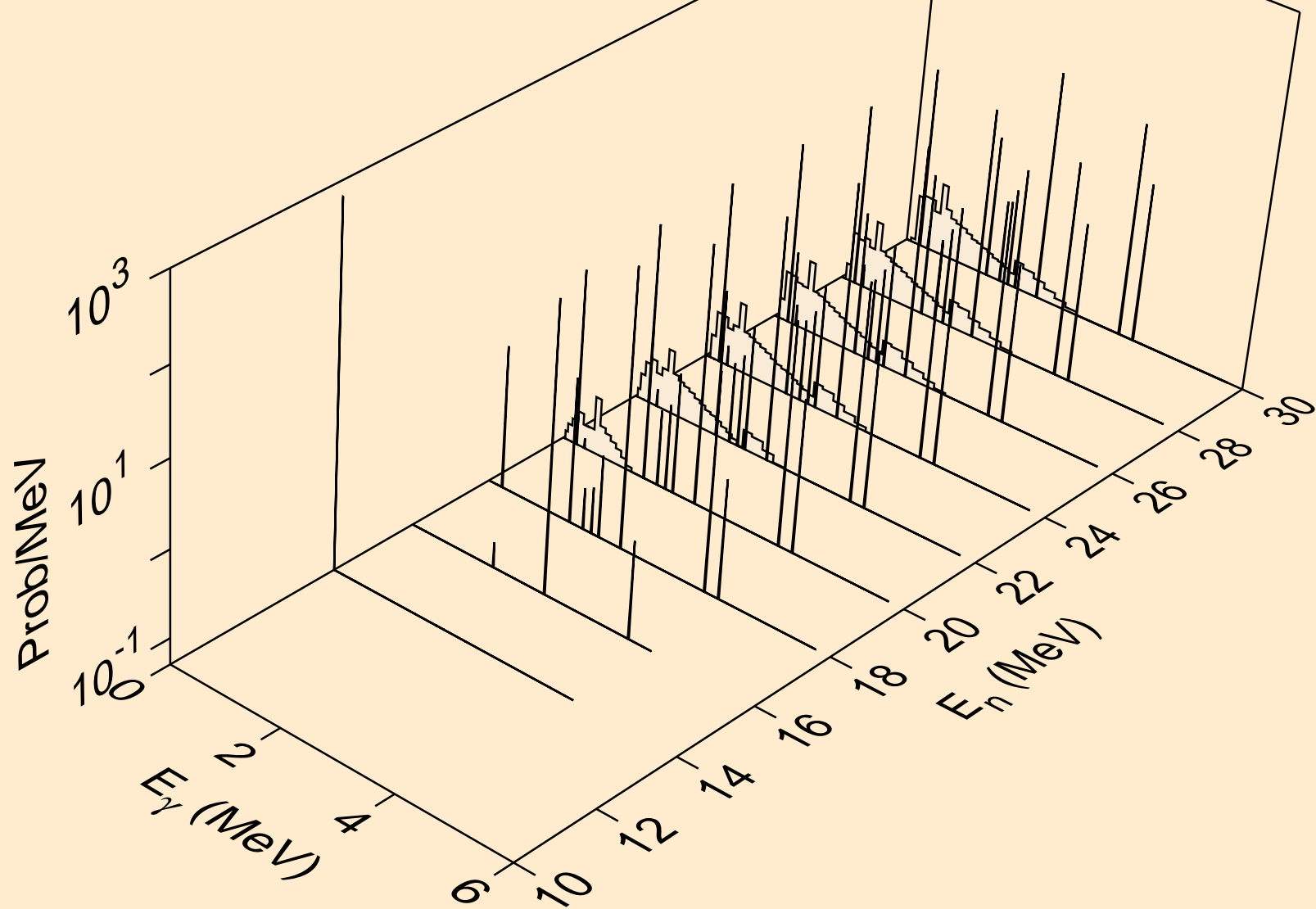
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Photon emission for (n,gma)



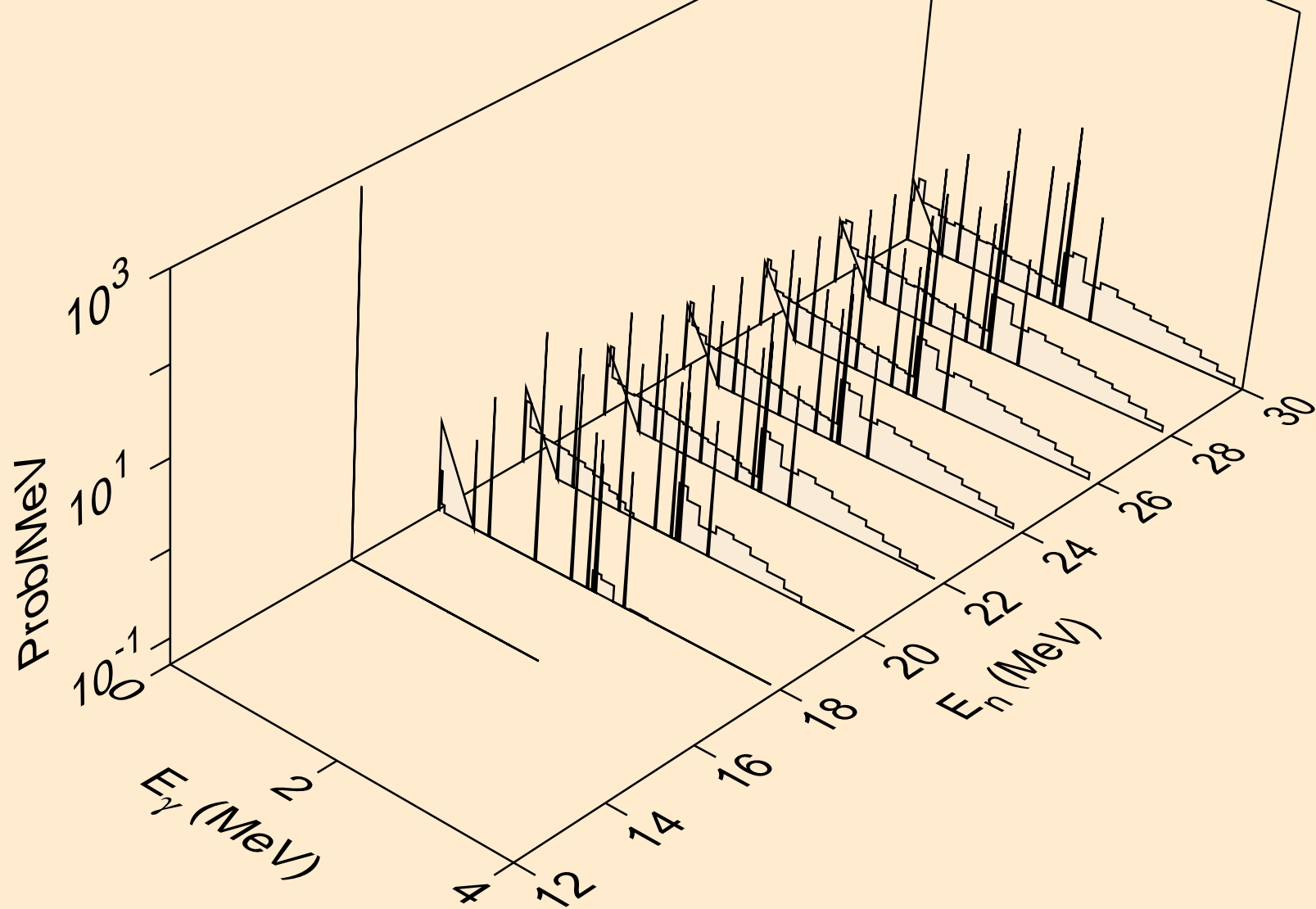
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



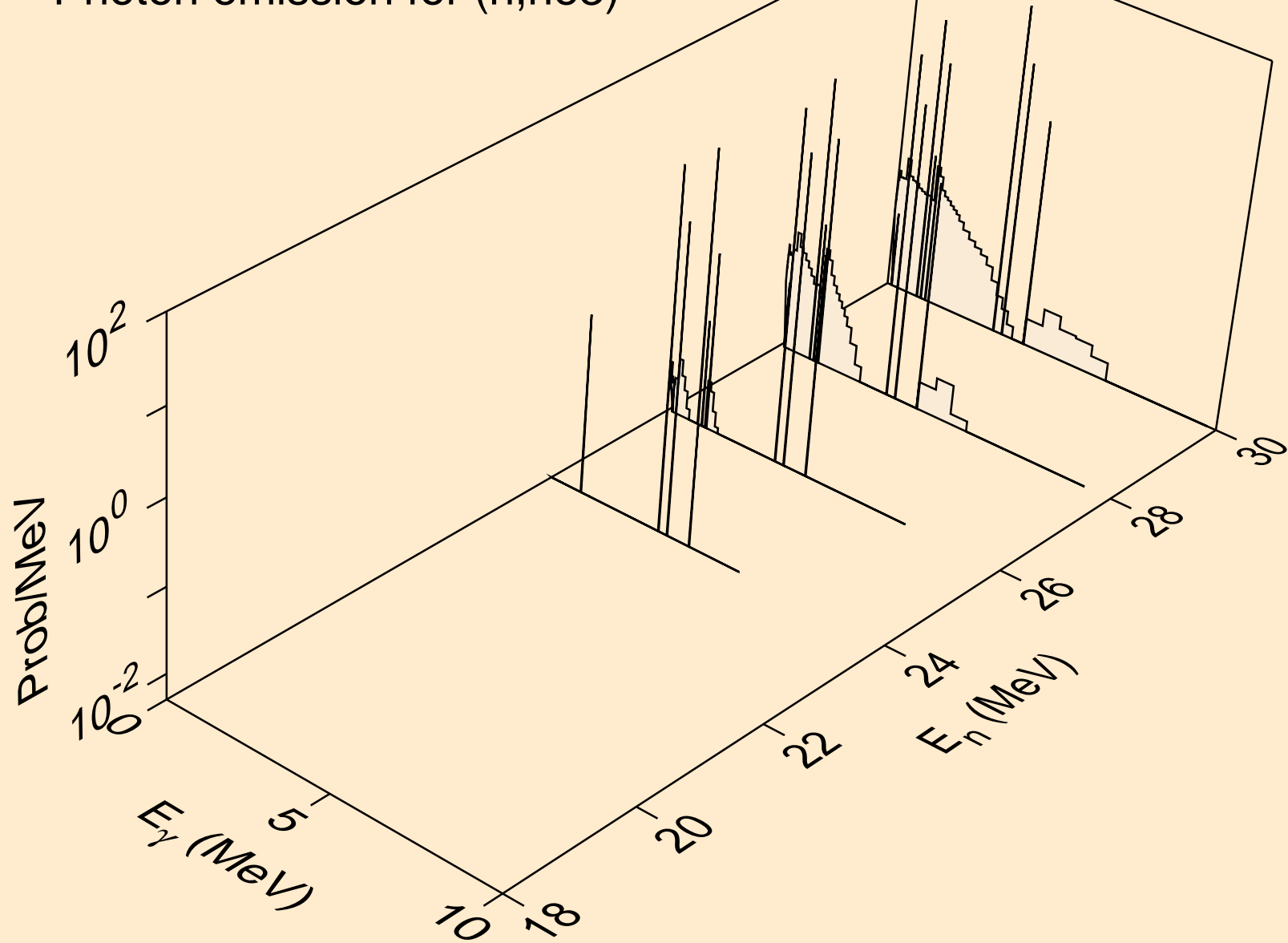
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



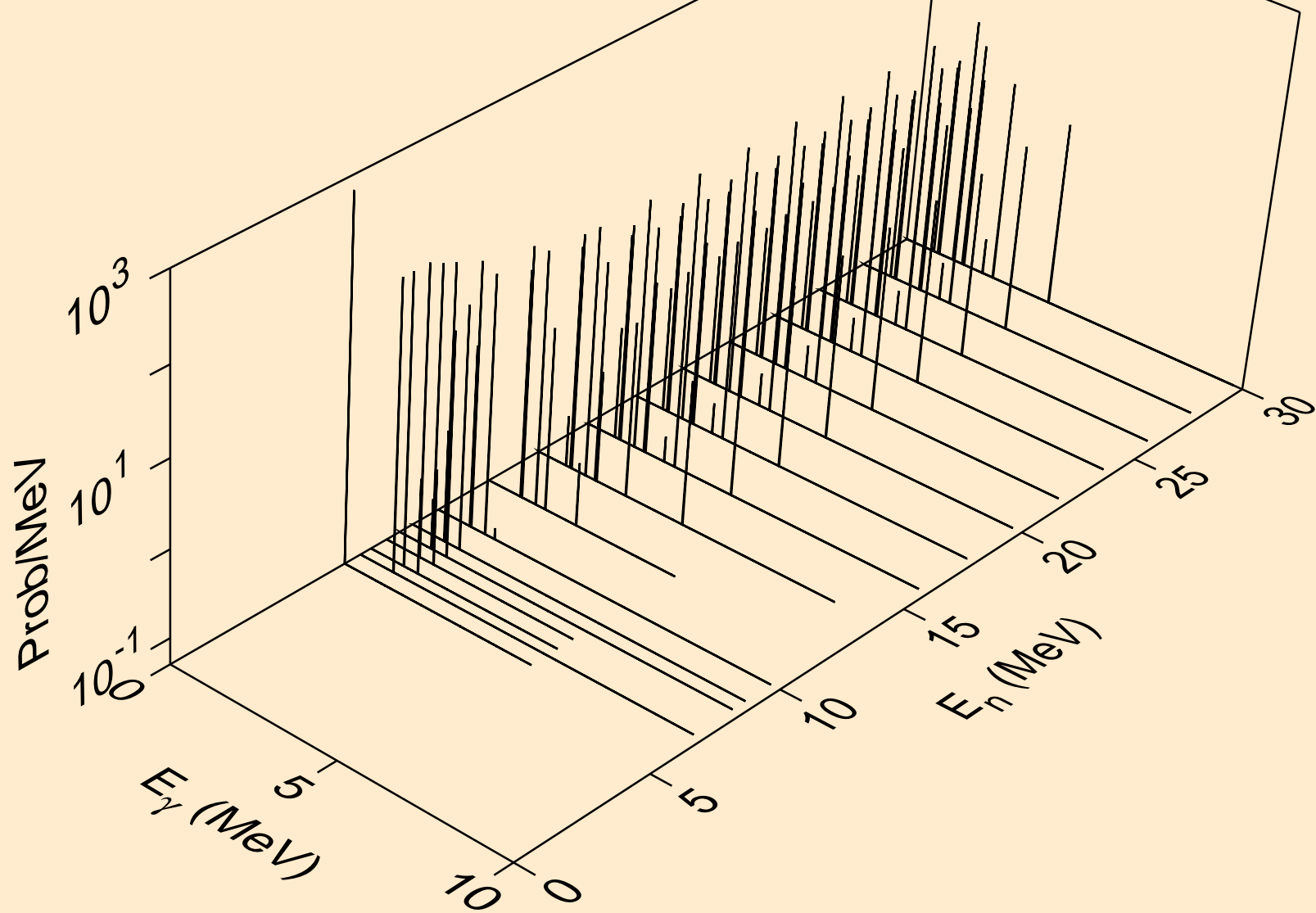
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Photon emission for (n,t)



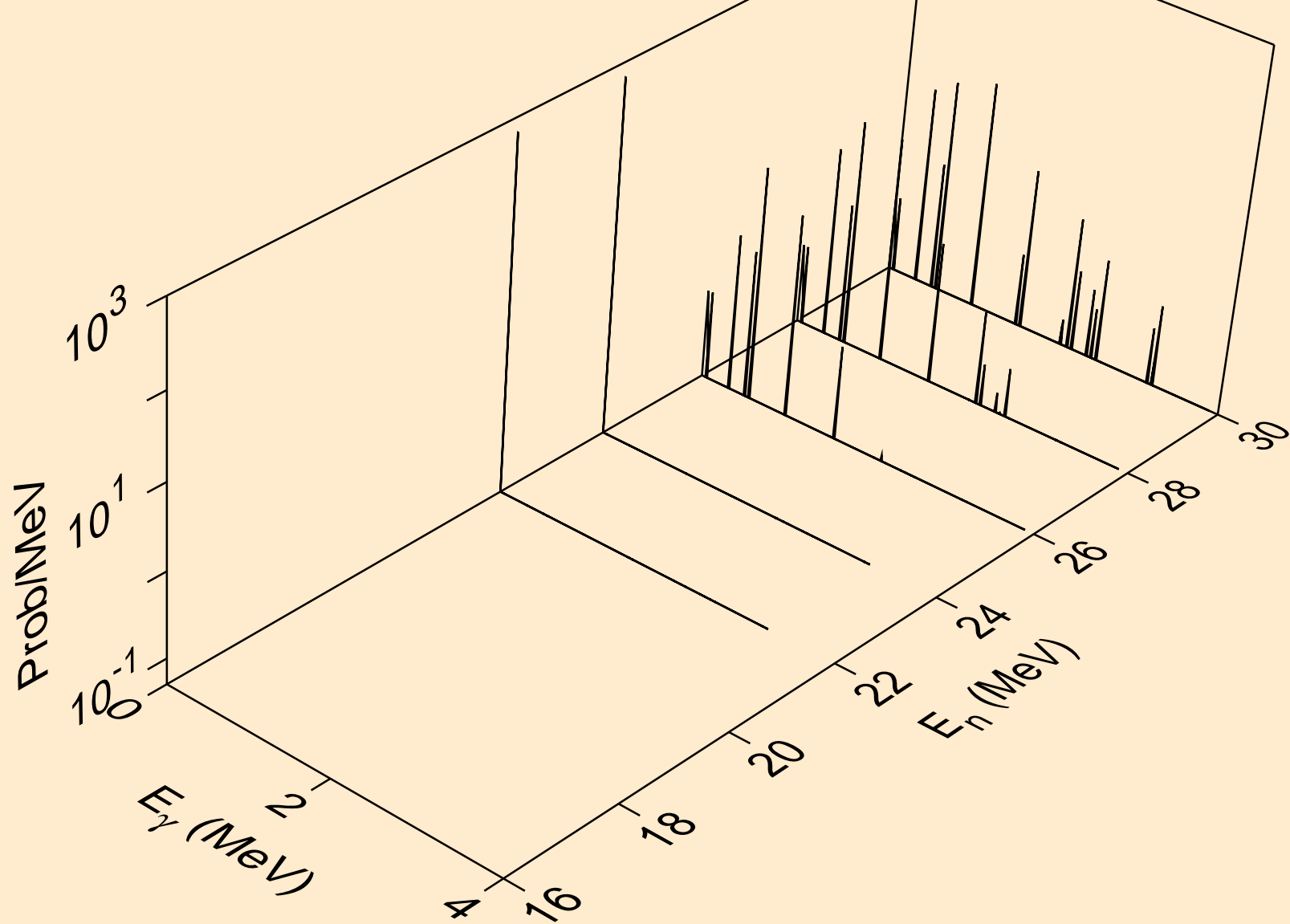
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

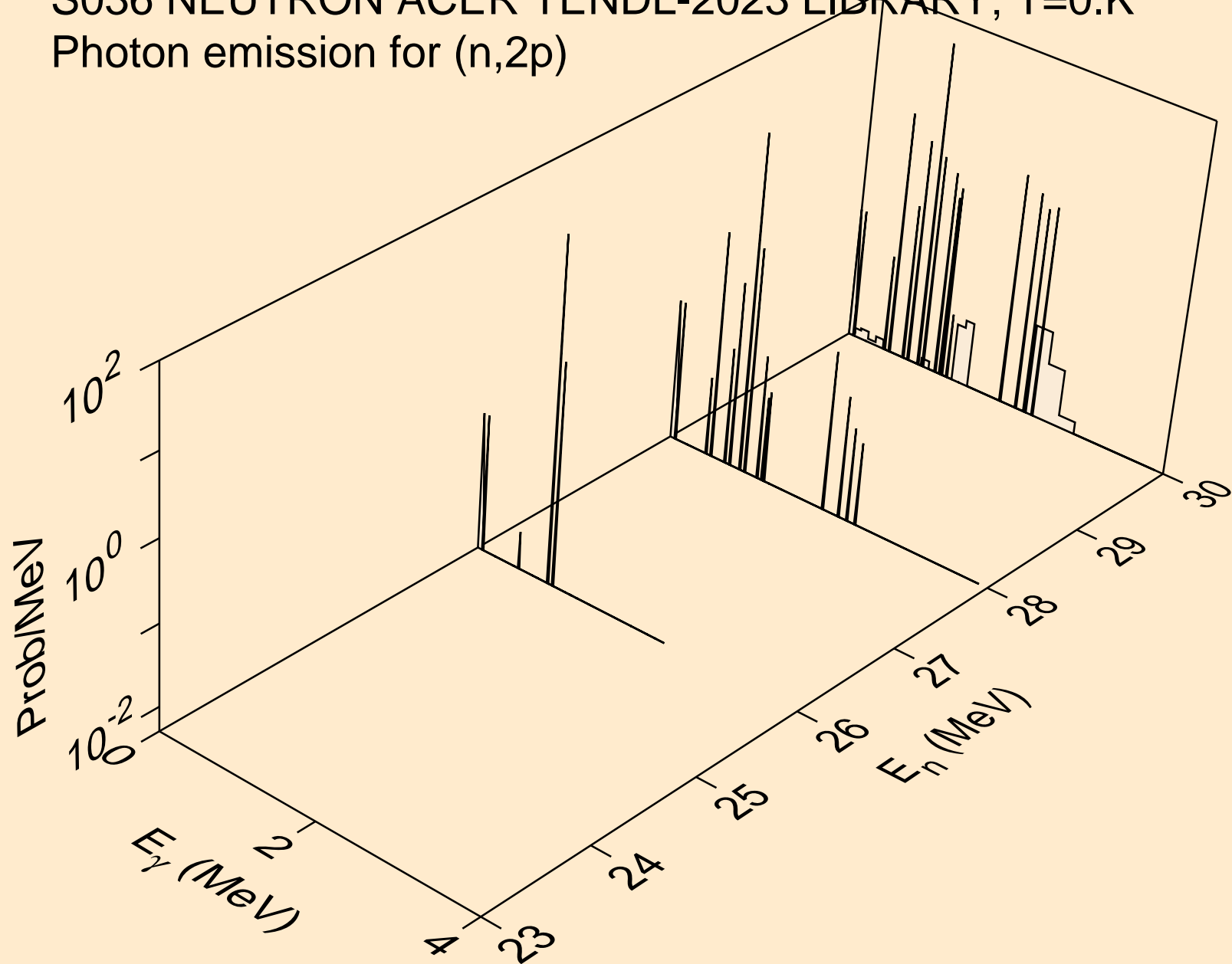


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

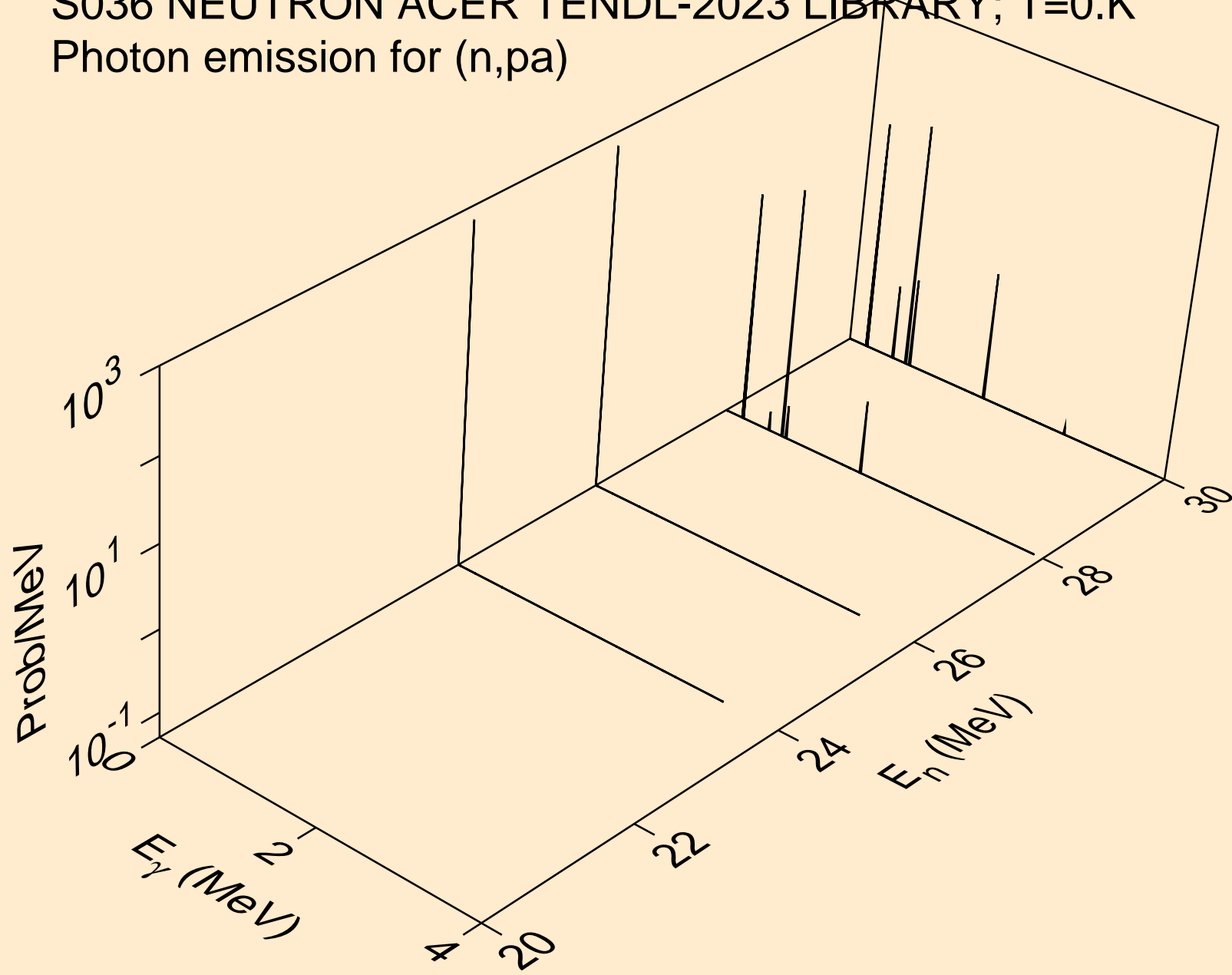




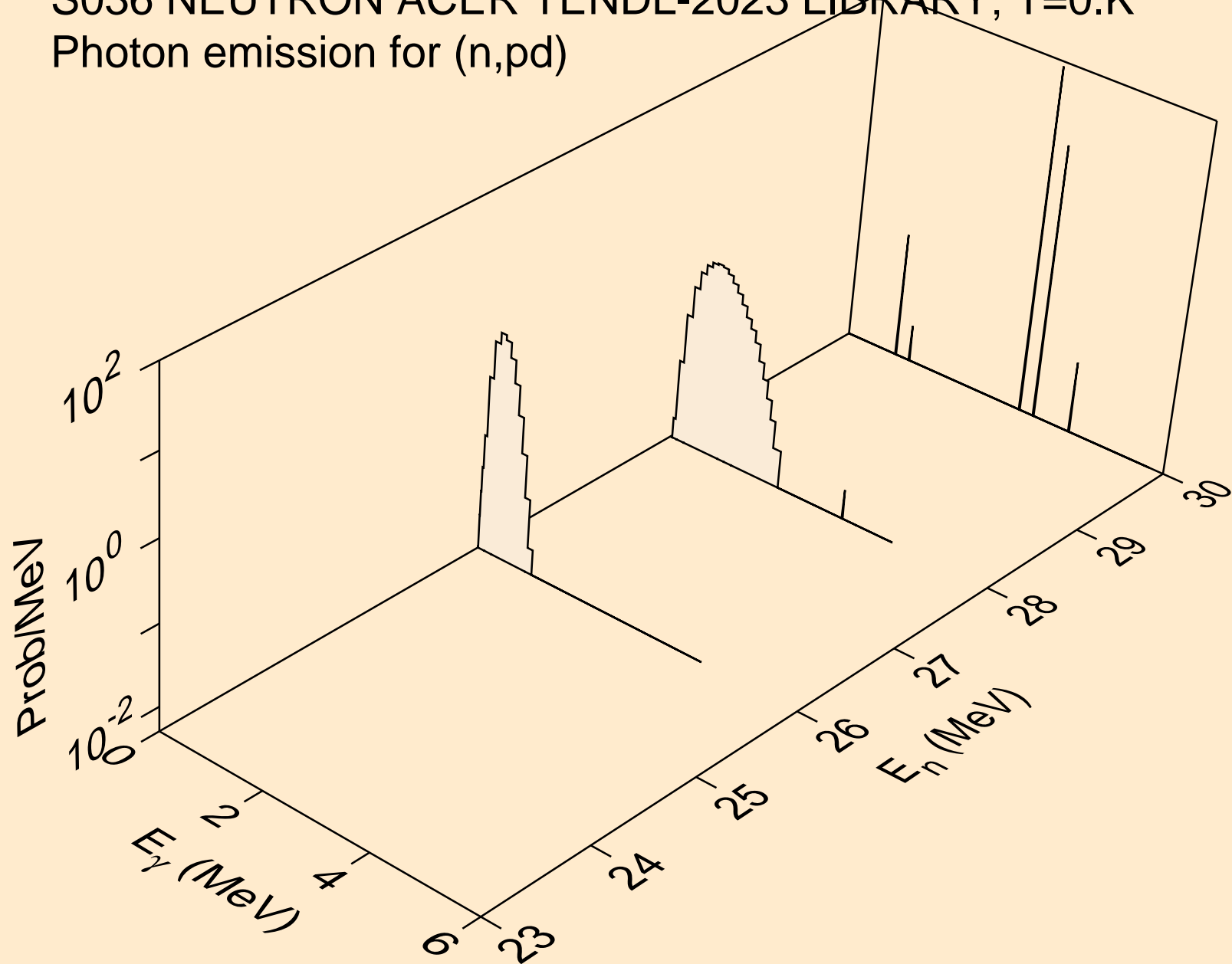
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Photon emission for (n,2p)



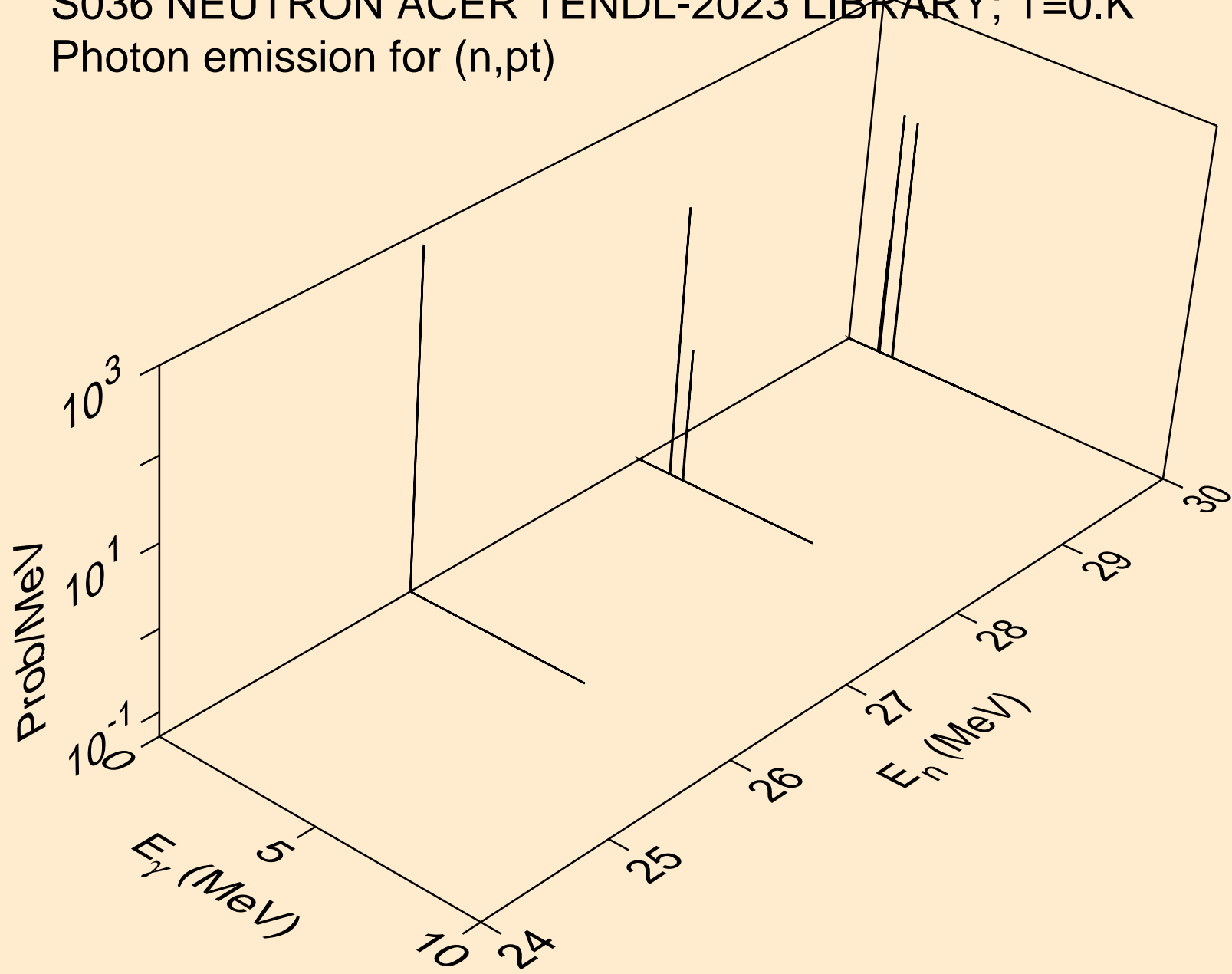
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



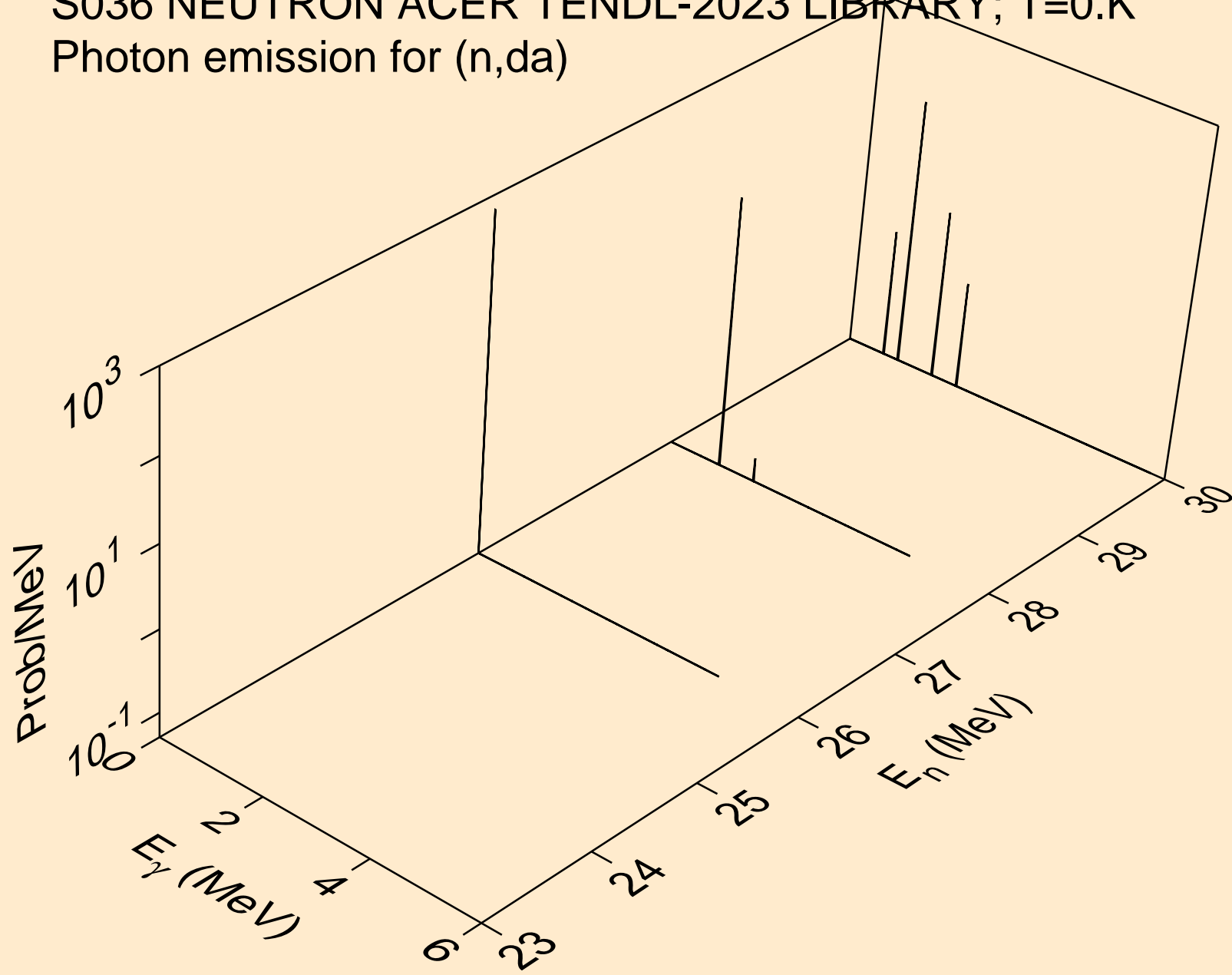
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



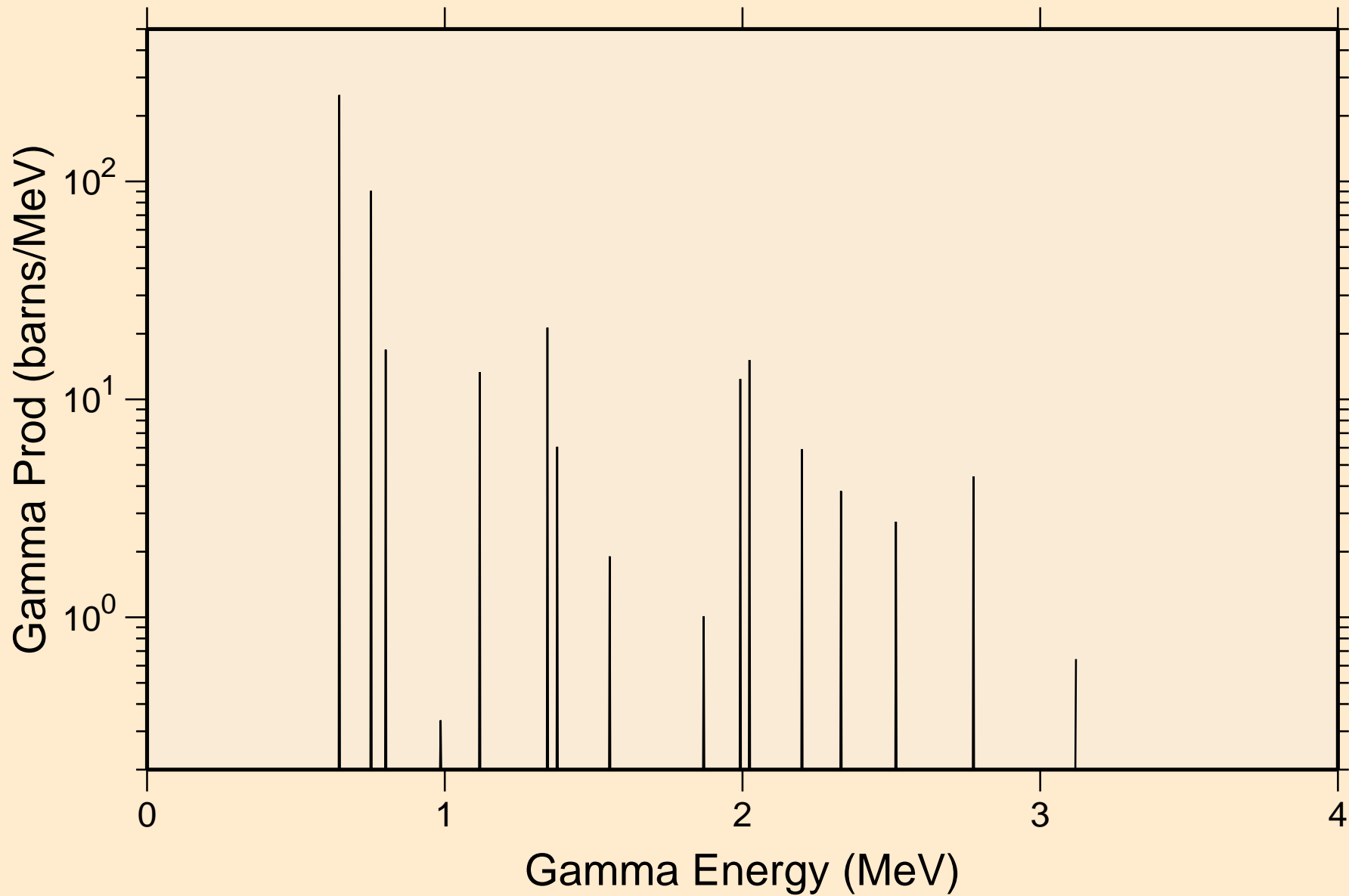
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Photon emission for (n,pt)



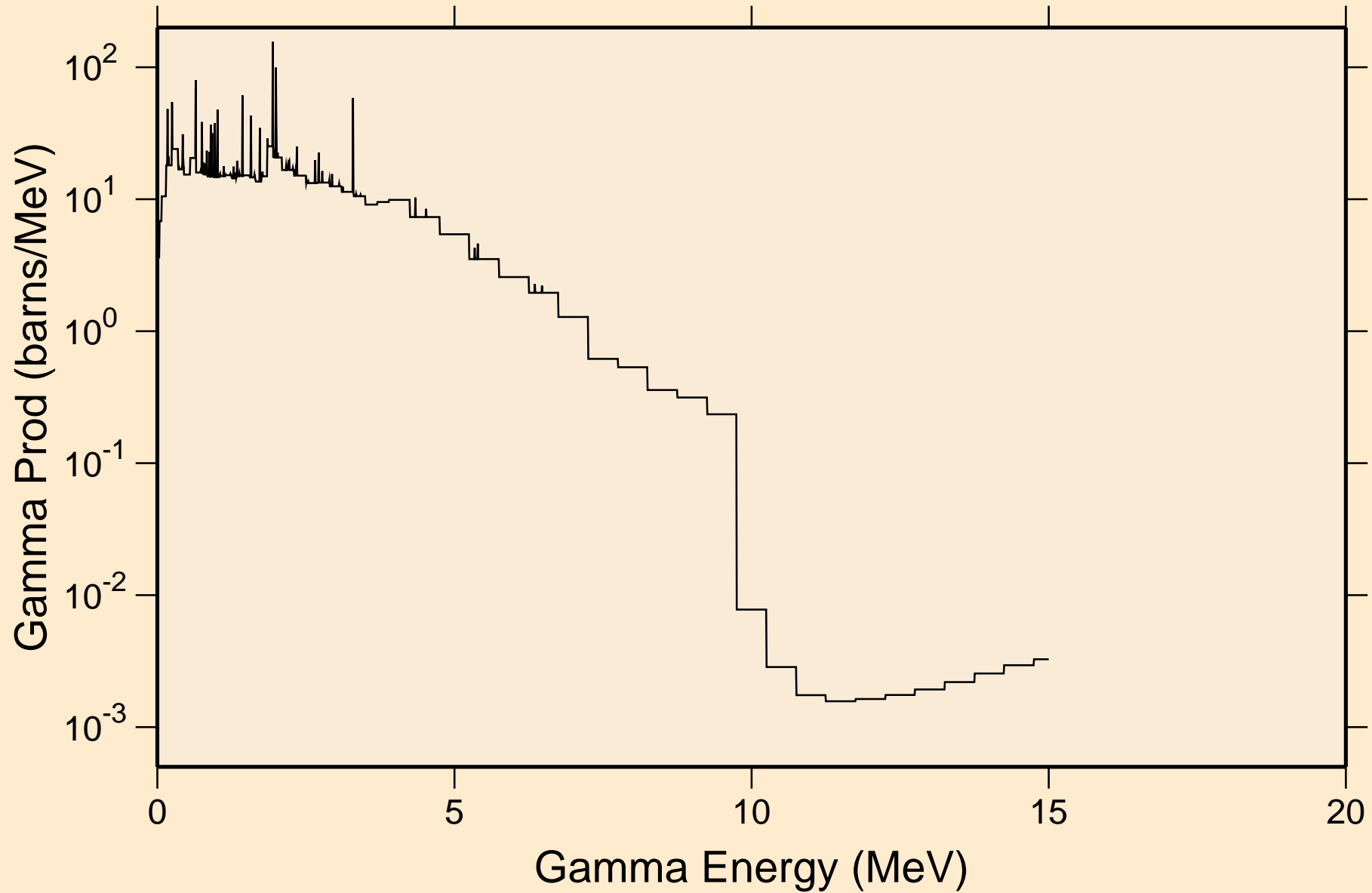
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

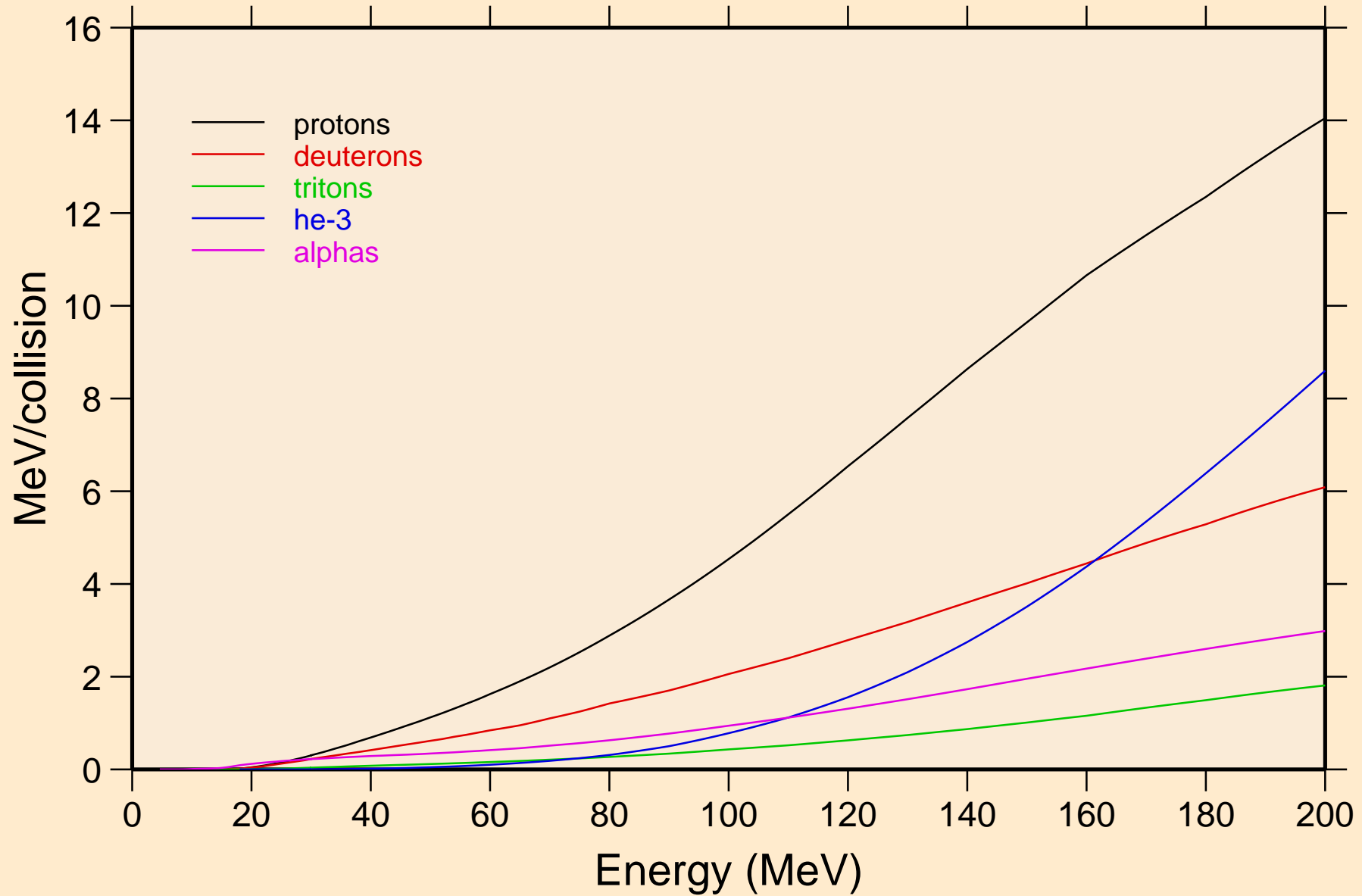


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



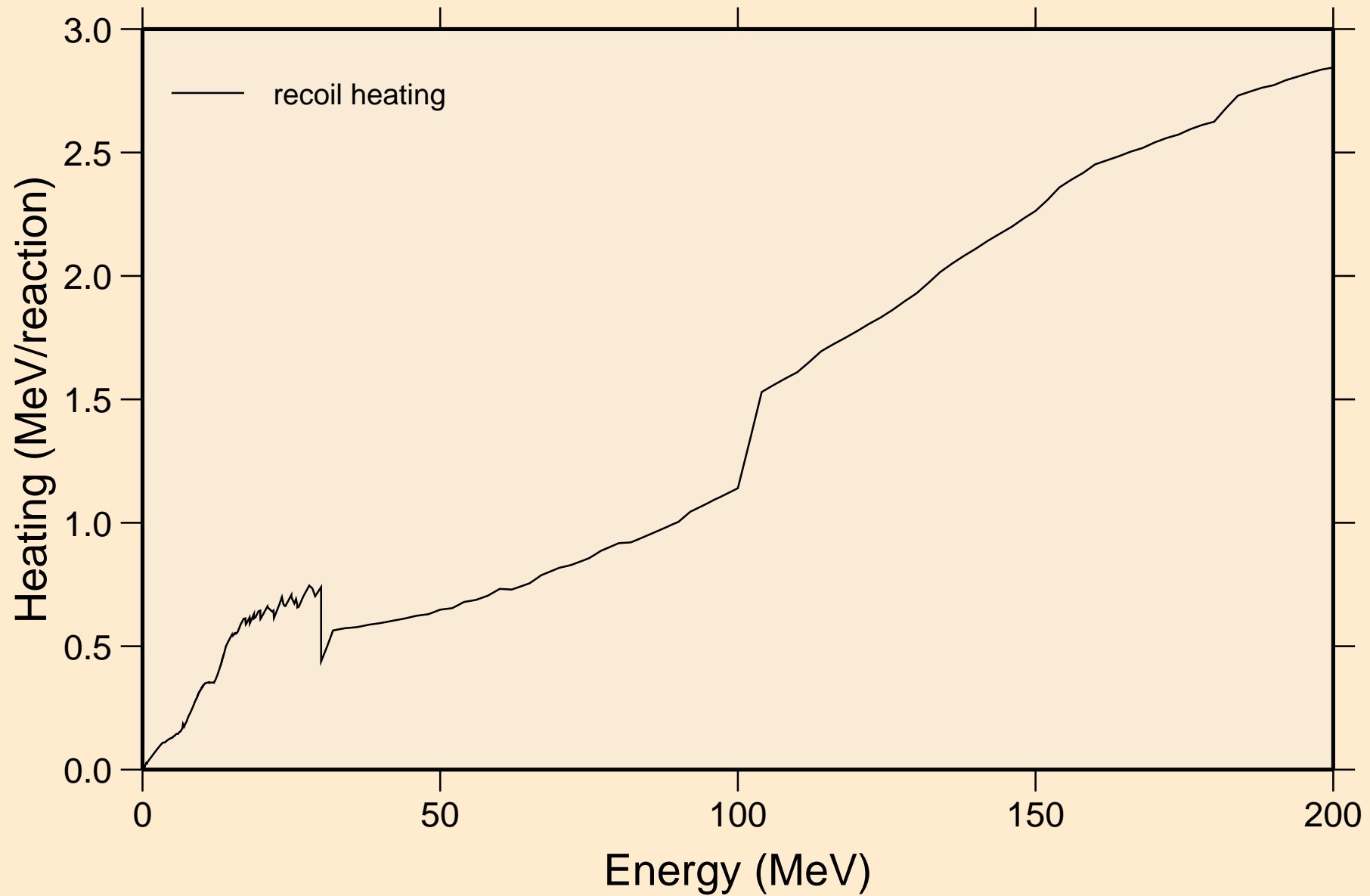
# S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



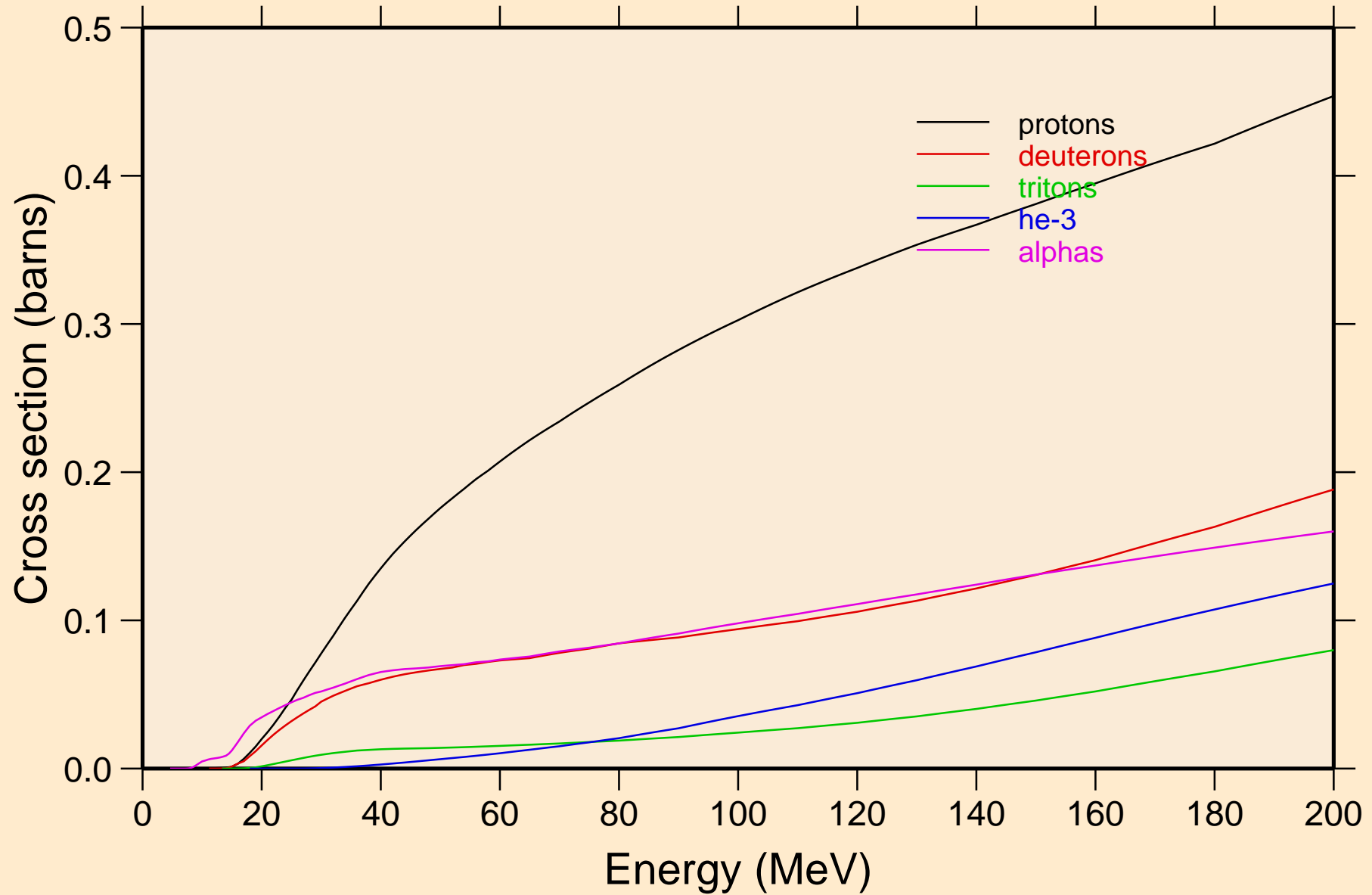


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

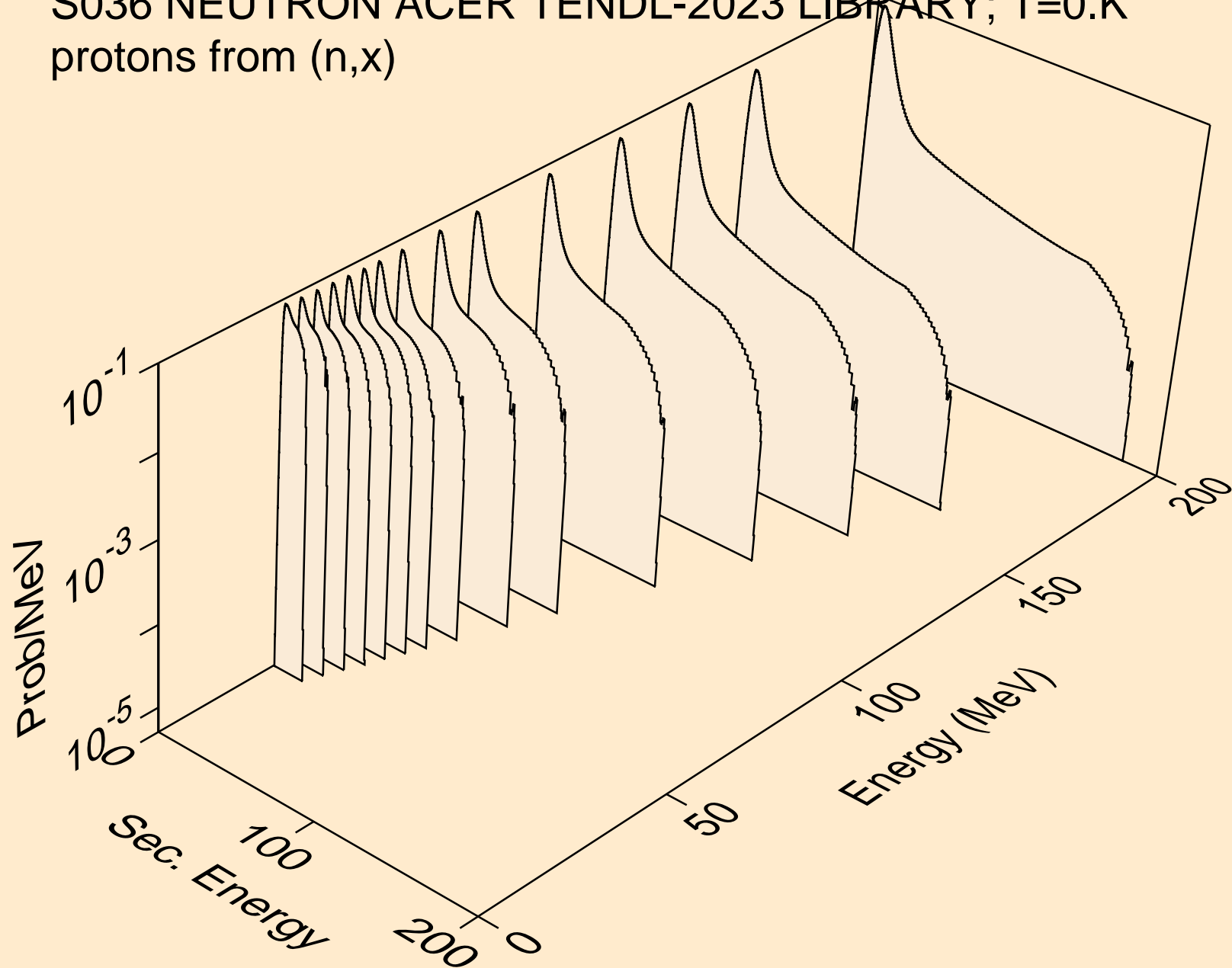


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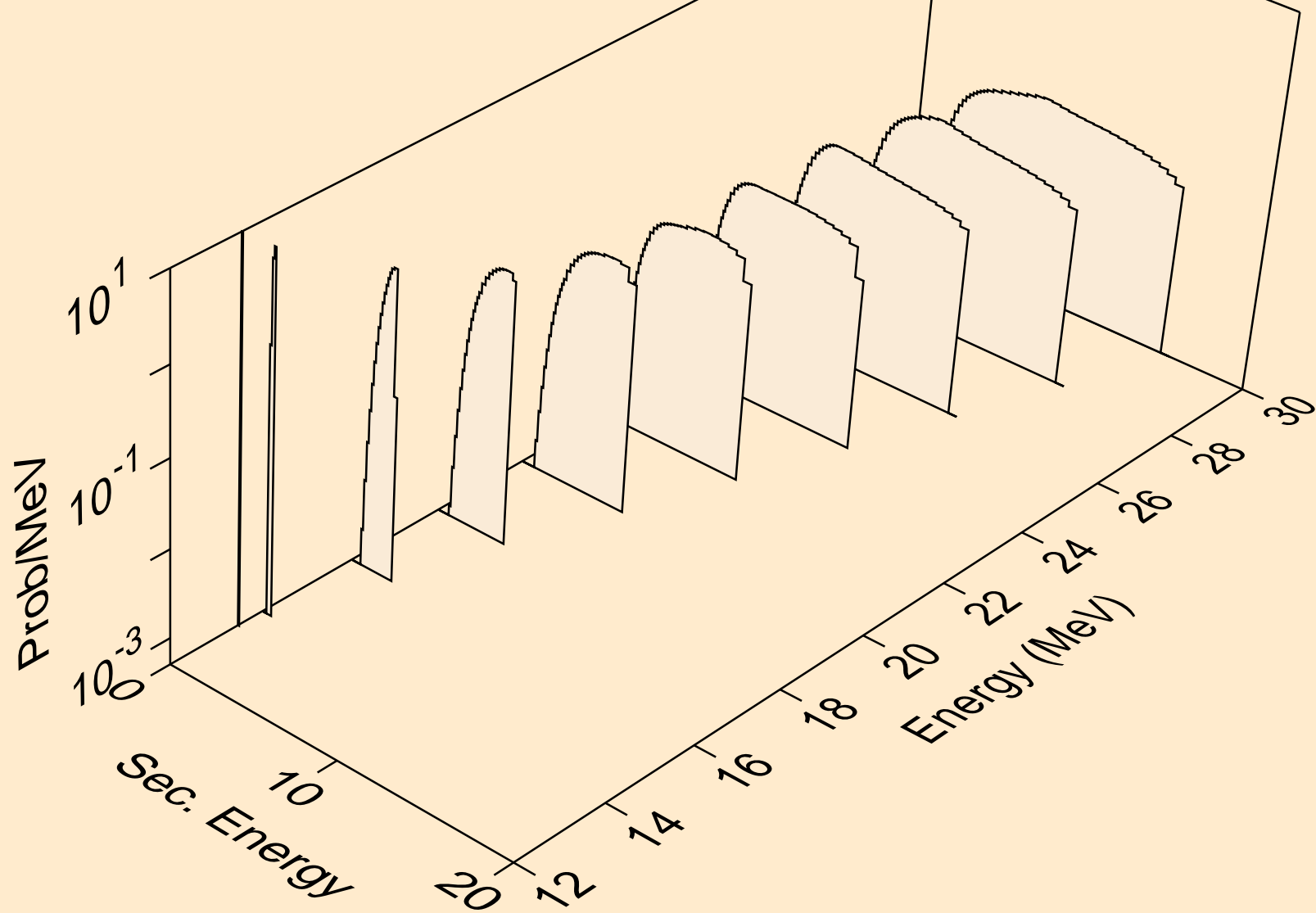
## Particle production cross sections



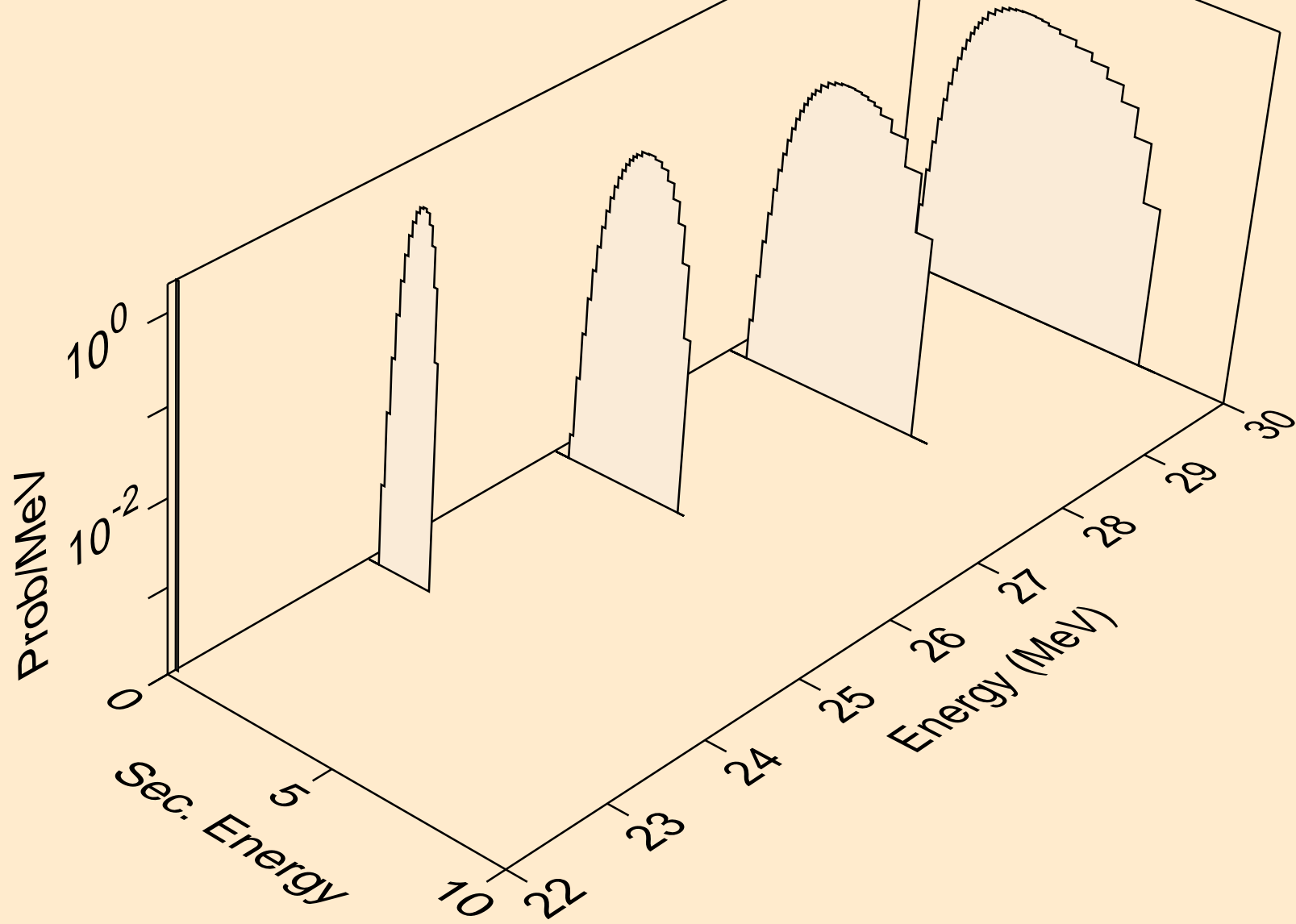
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



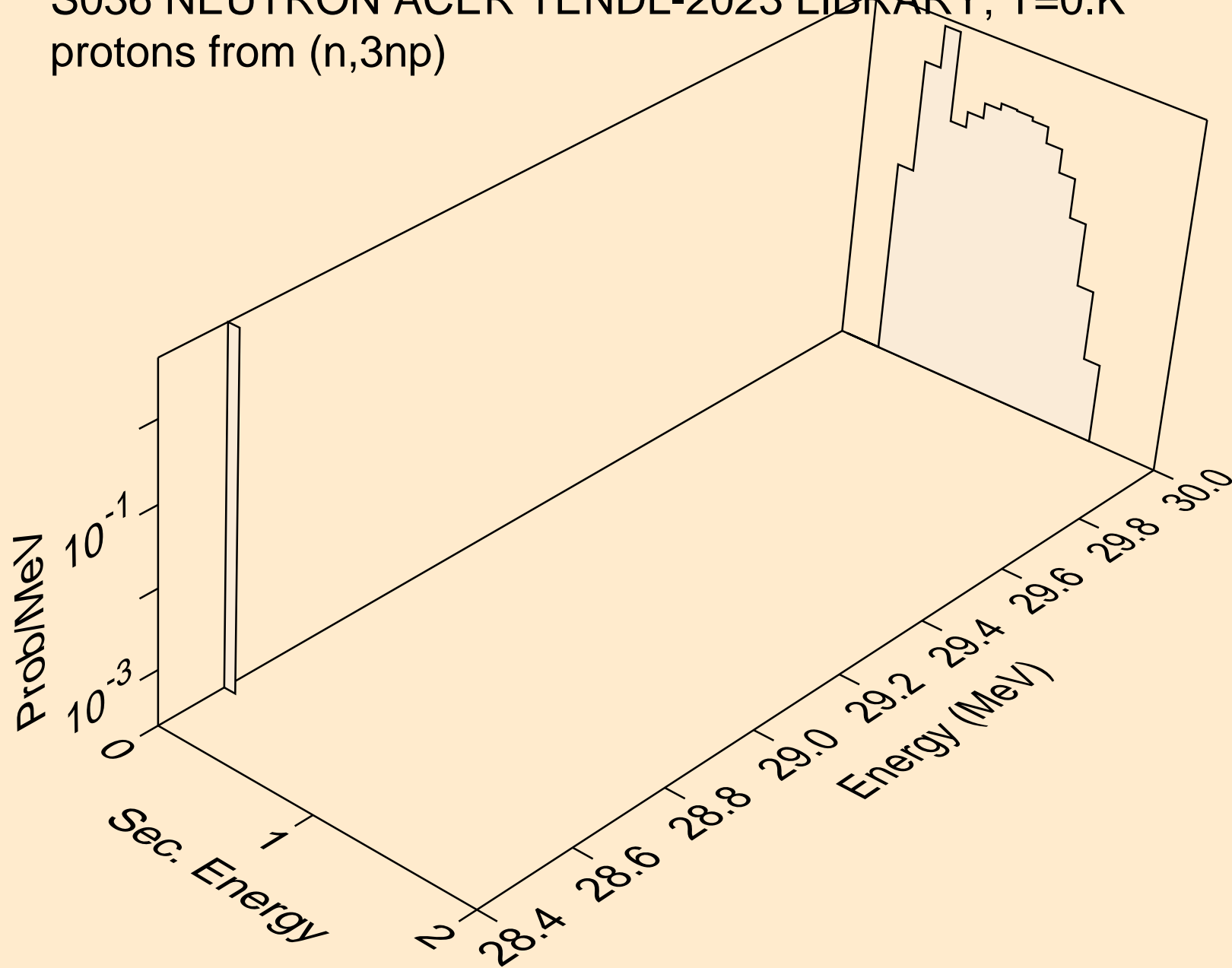
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protons from (n,n\*)p



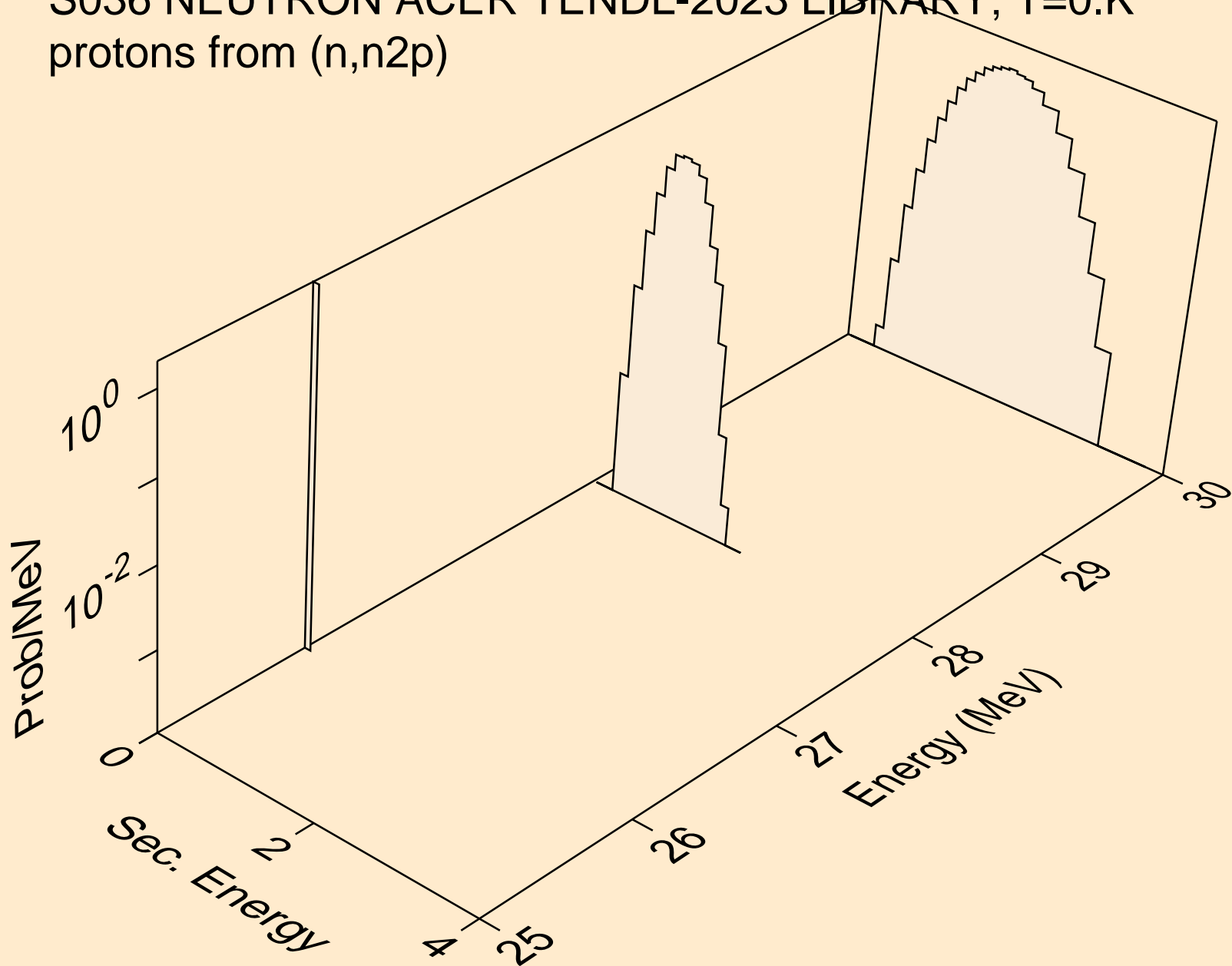
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protons from (n,2np)



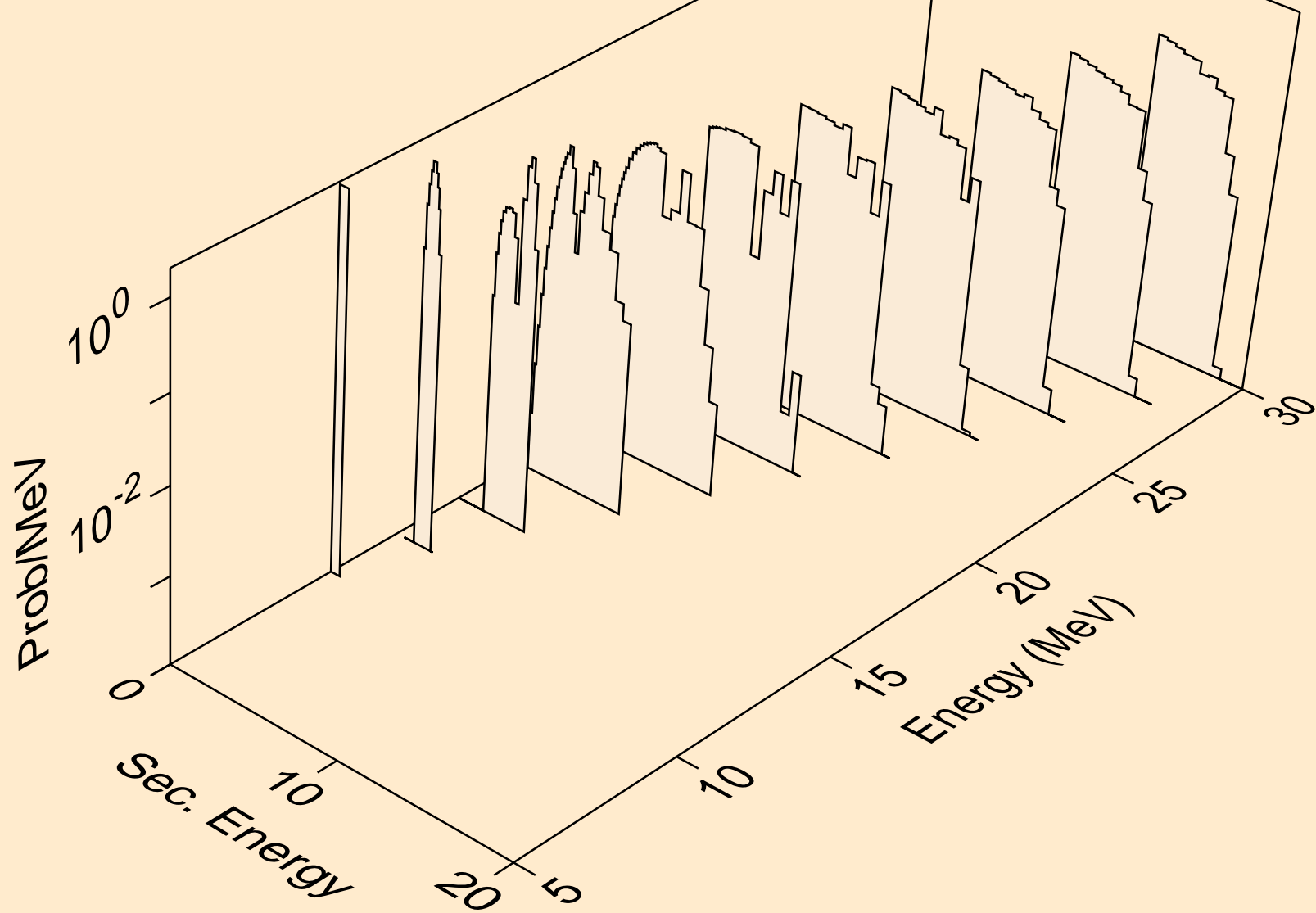
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

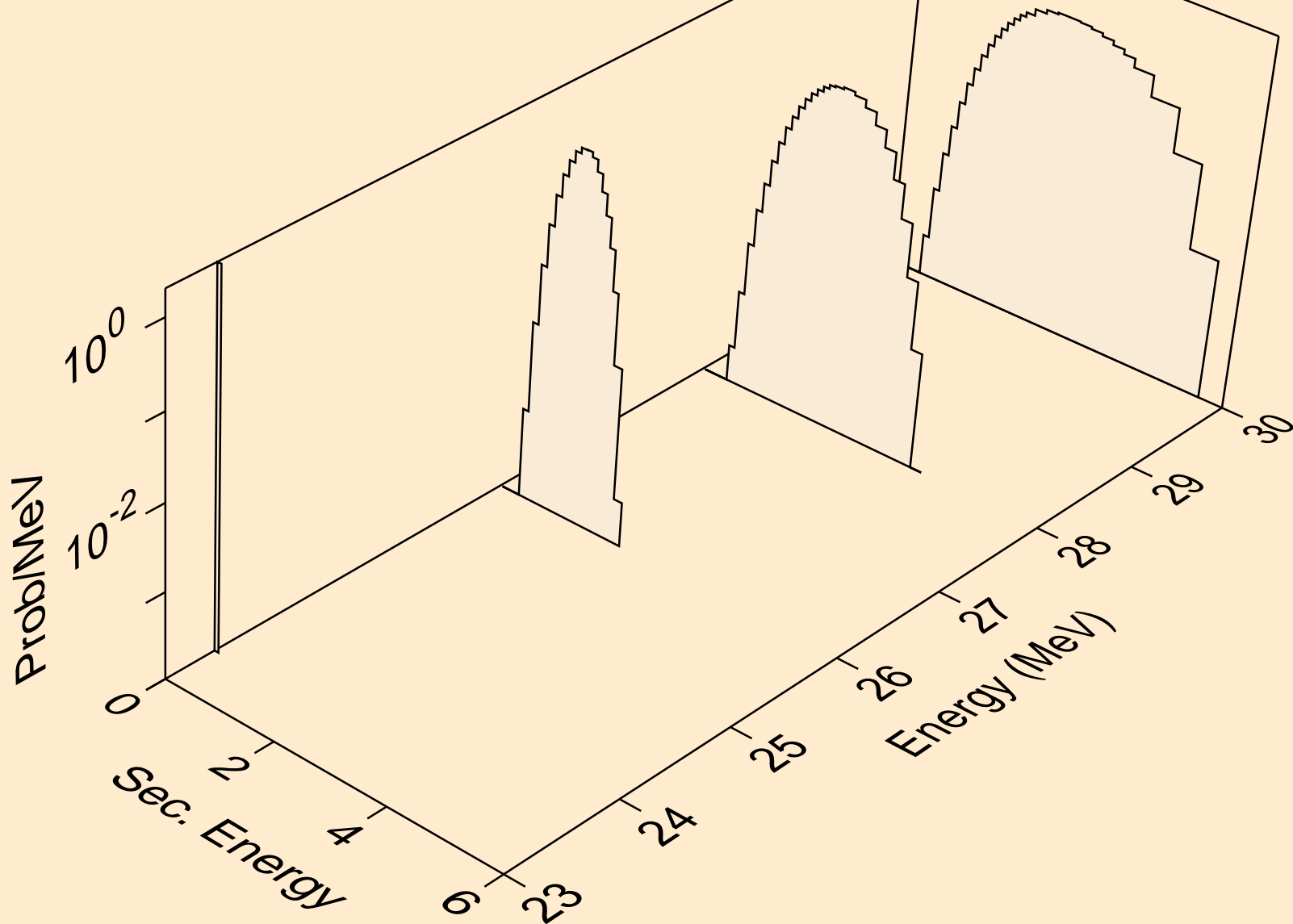


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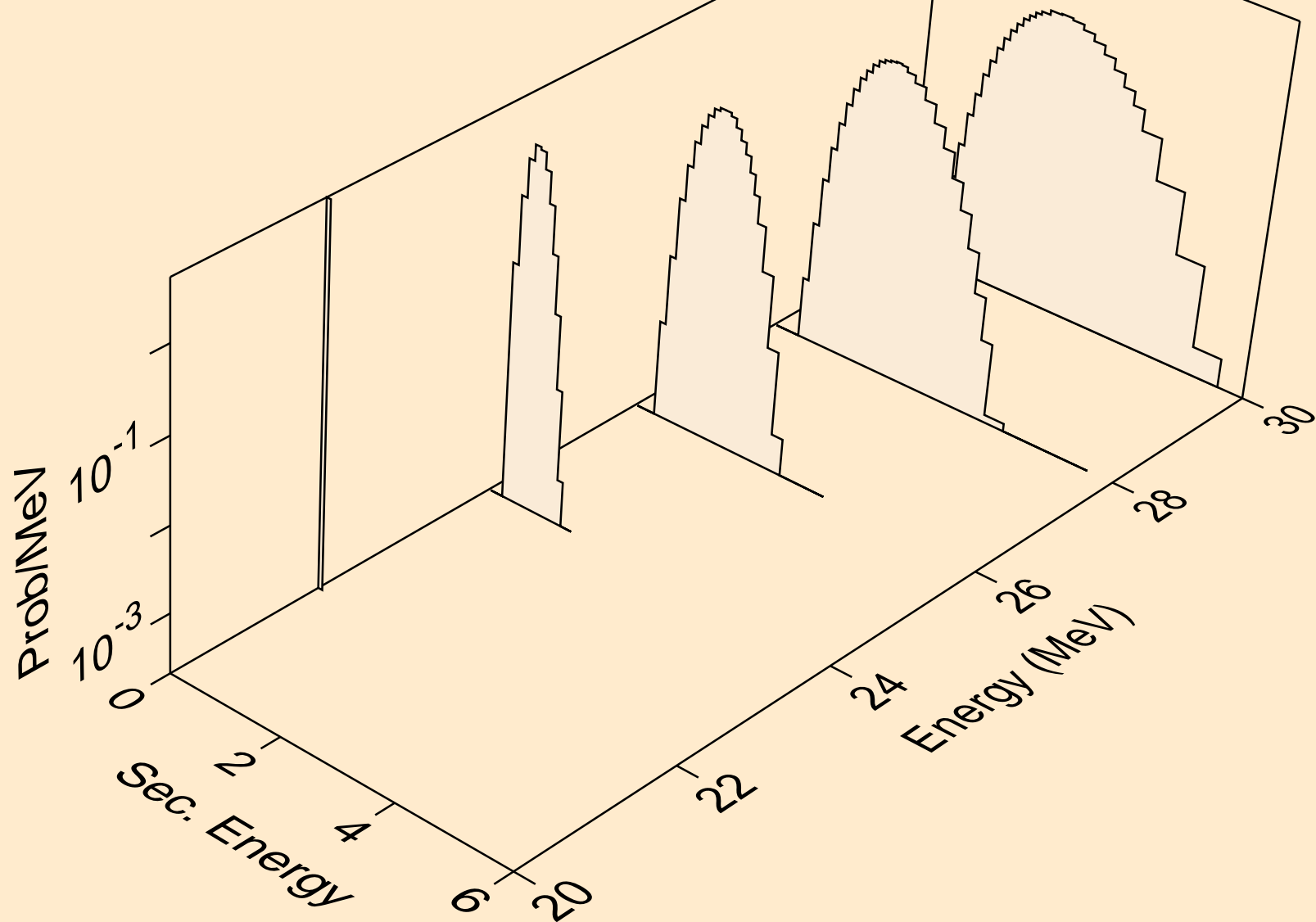




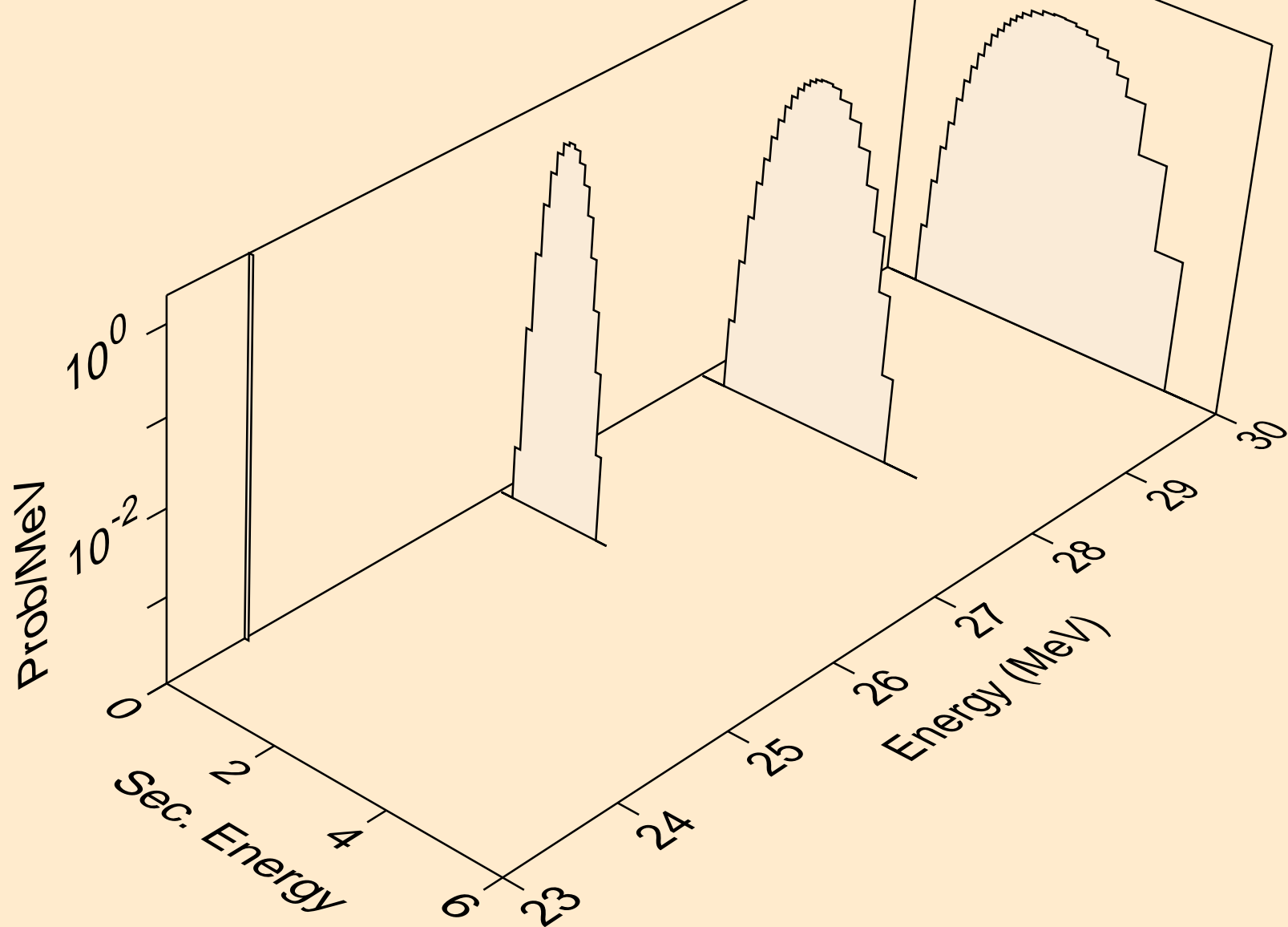
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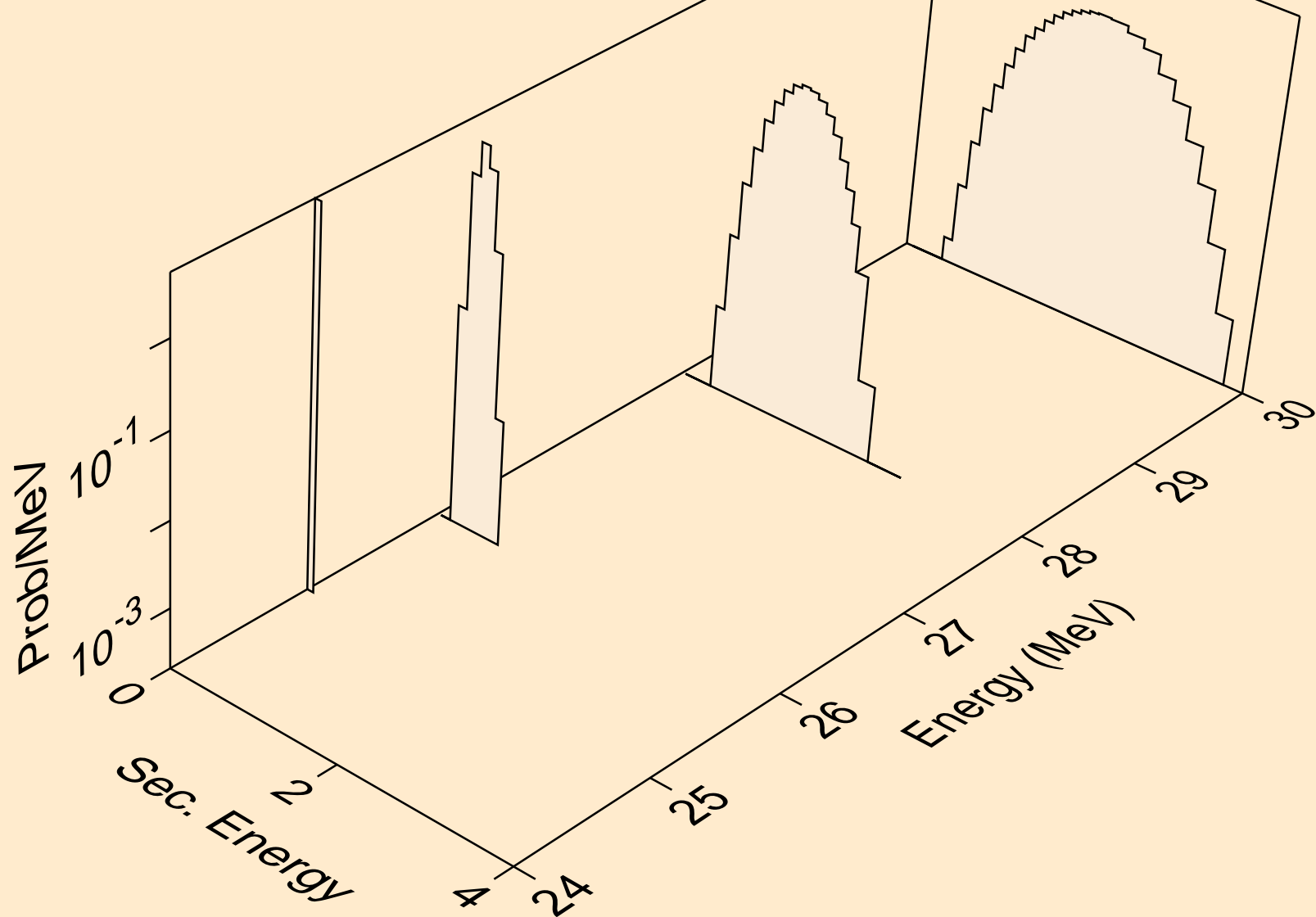
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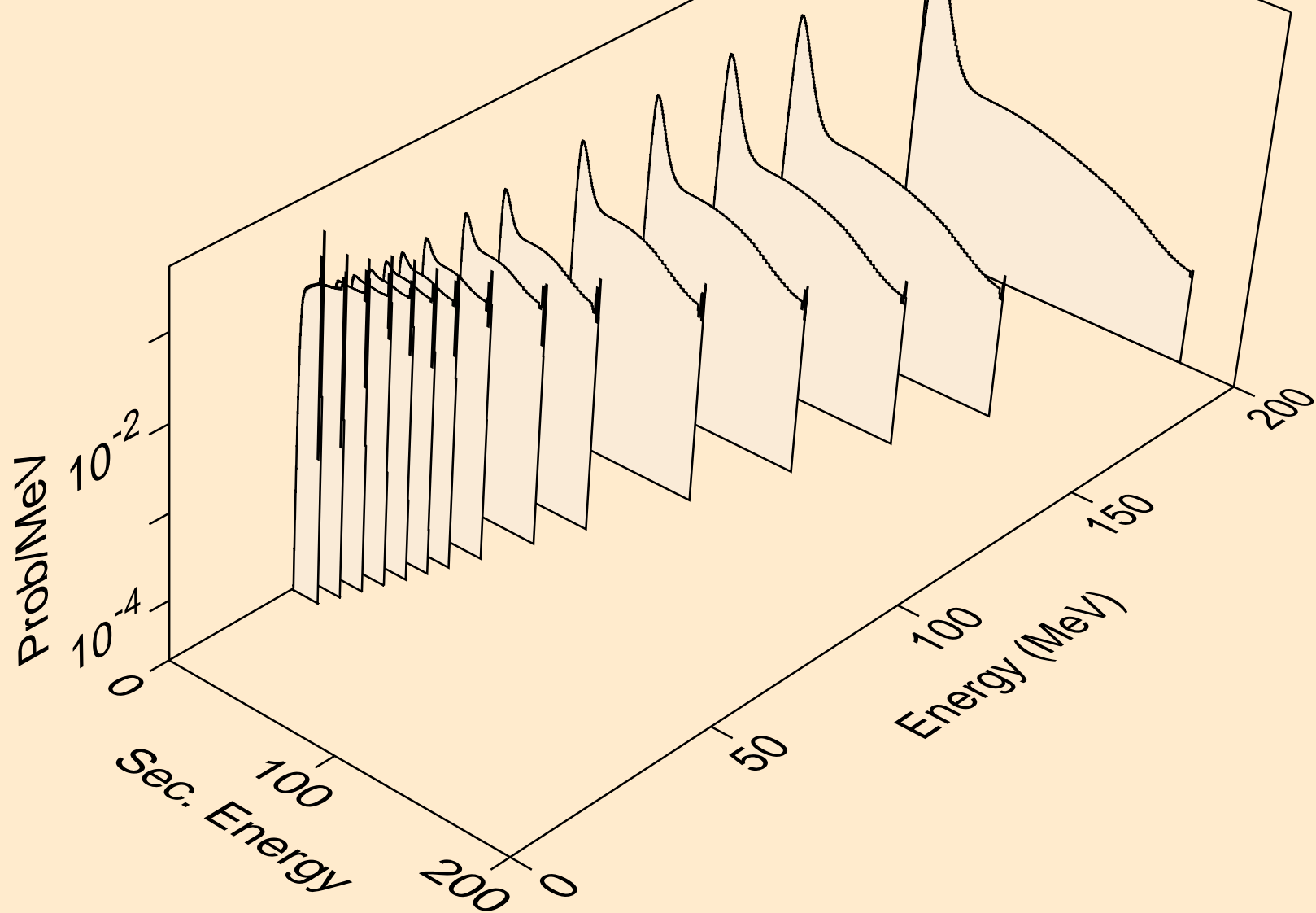
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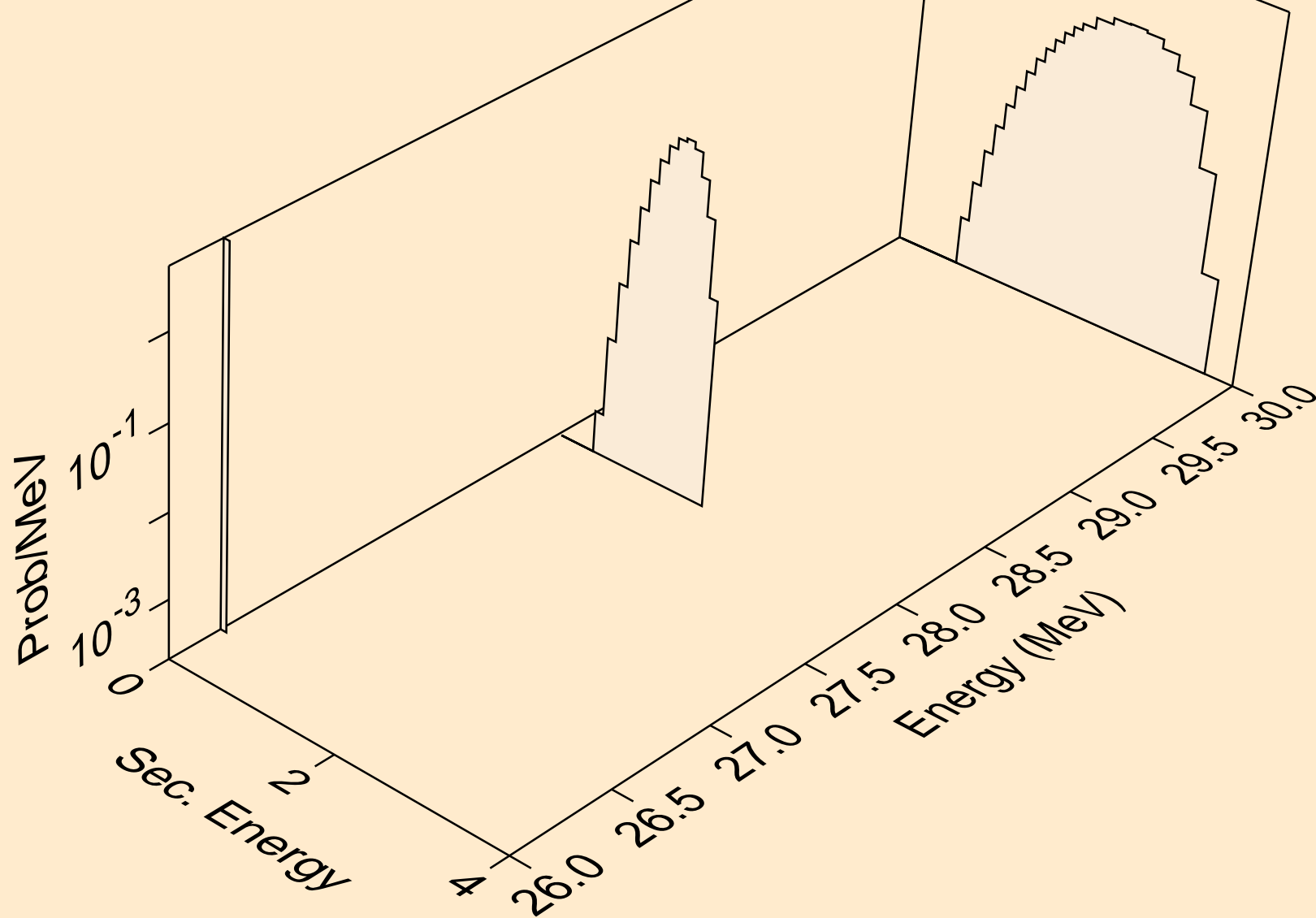
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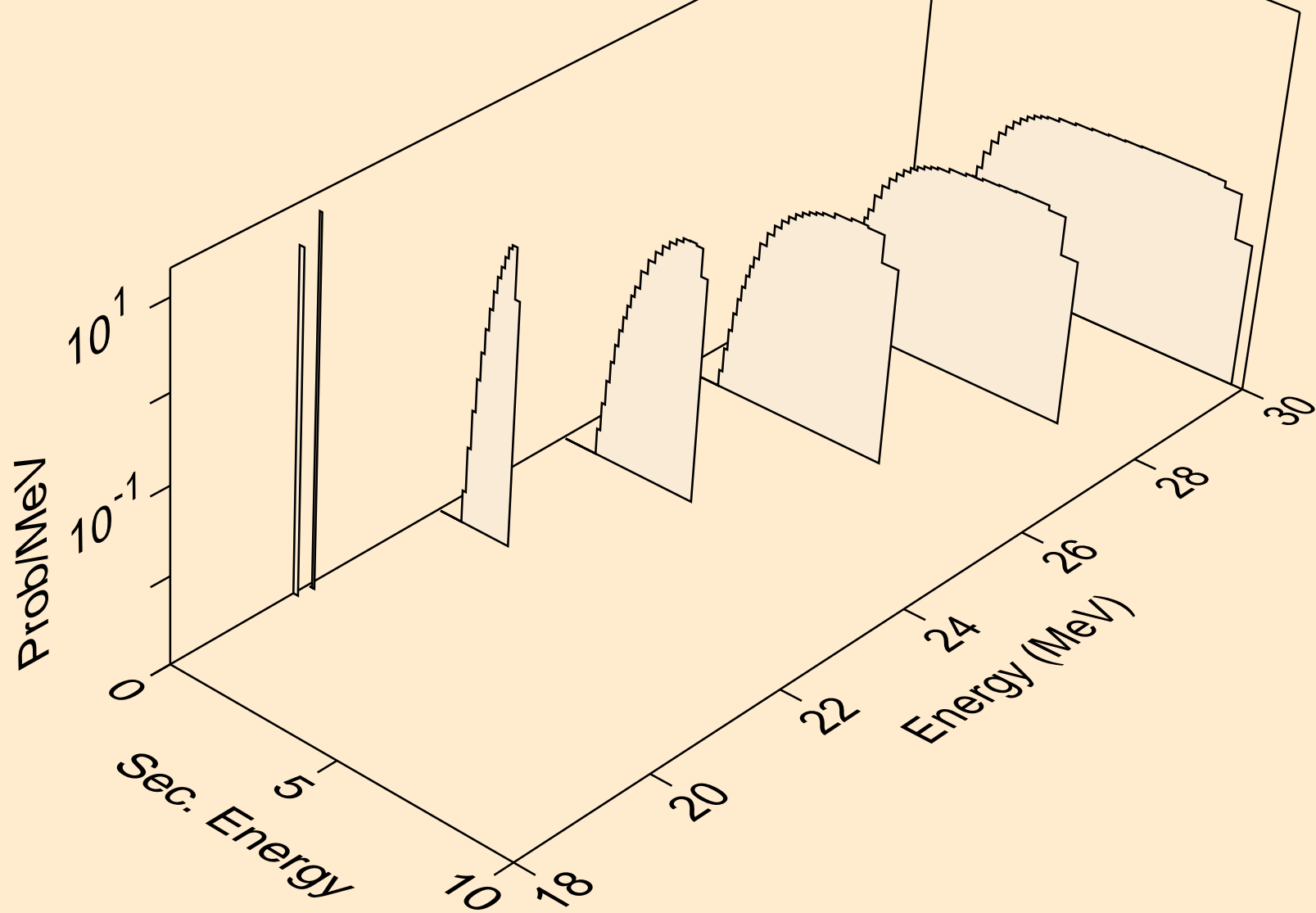
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deuterons from (n,x)



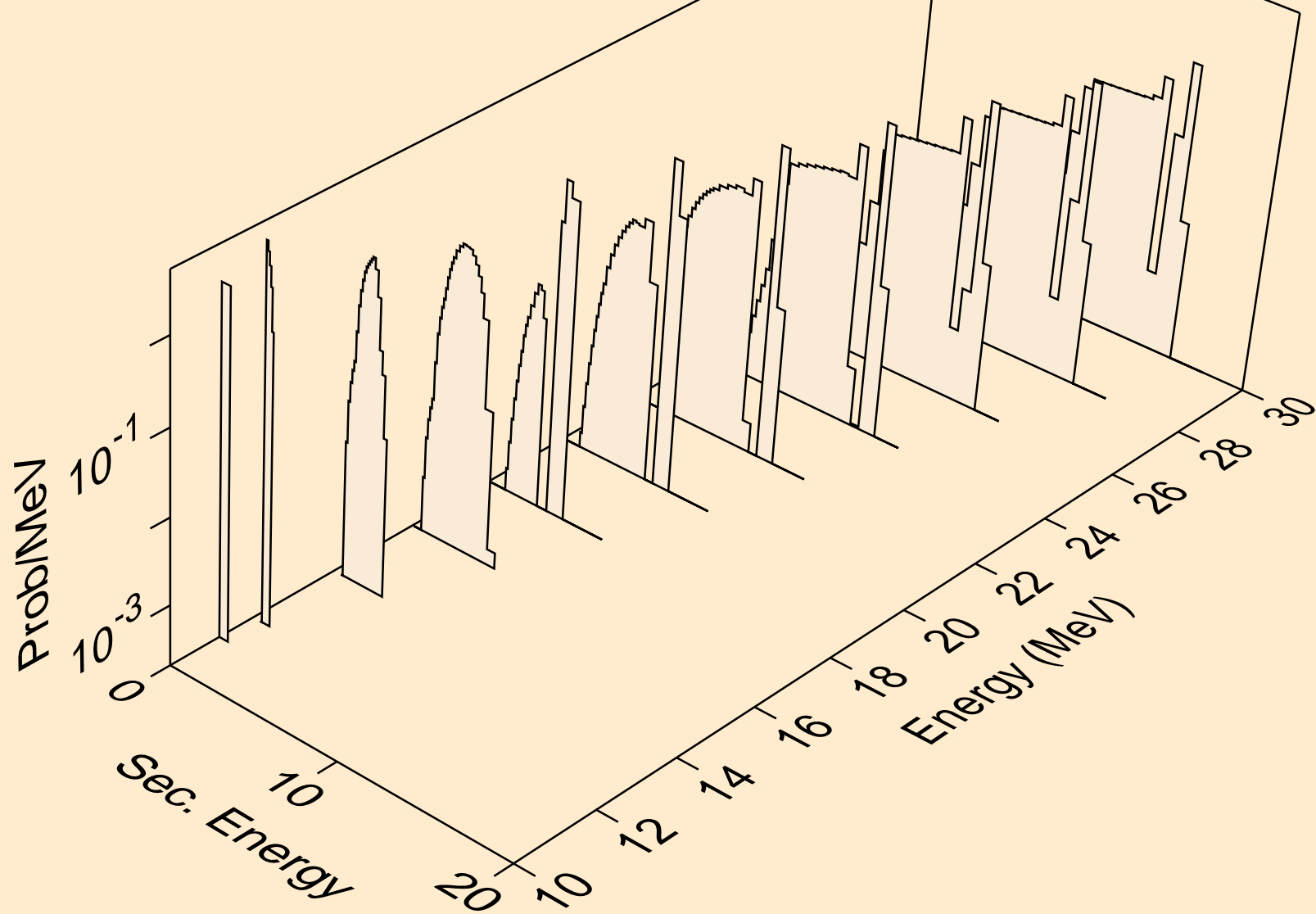
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deuterons from (n,2nd)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

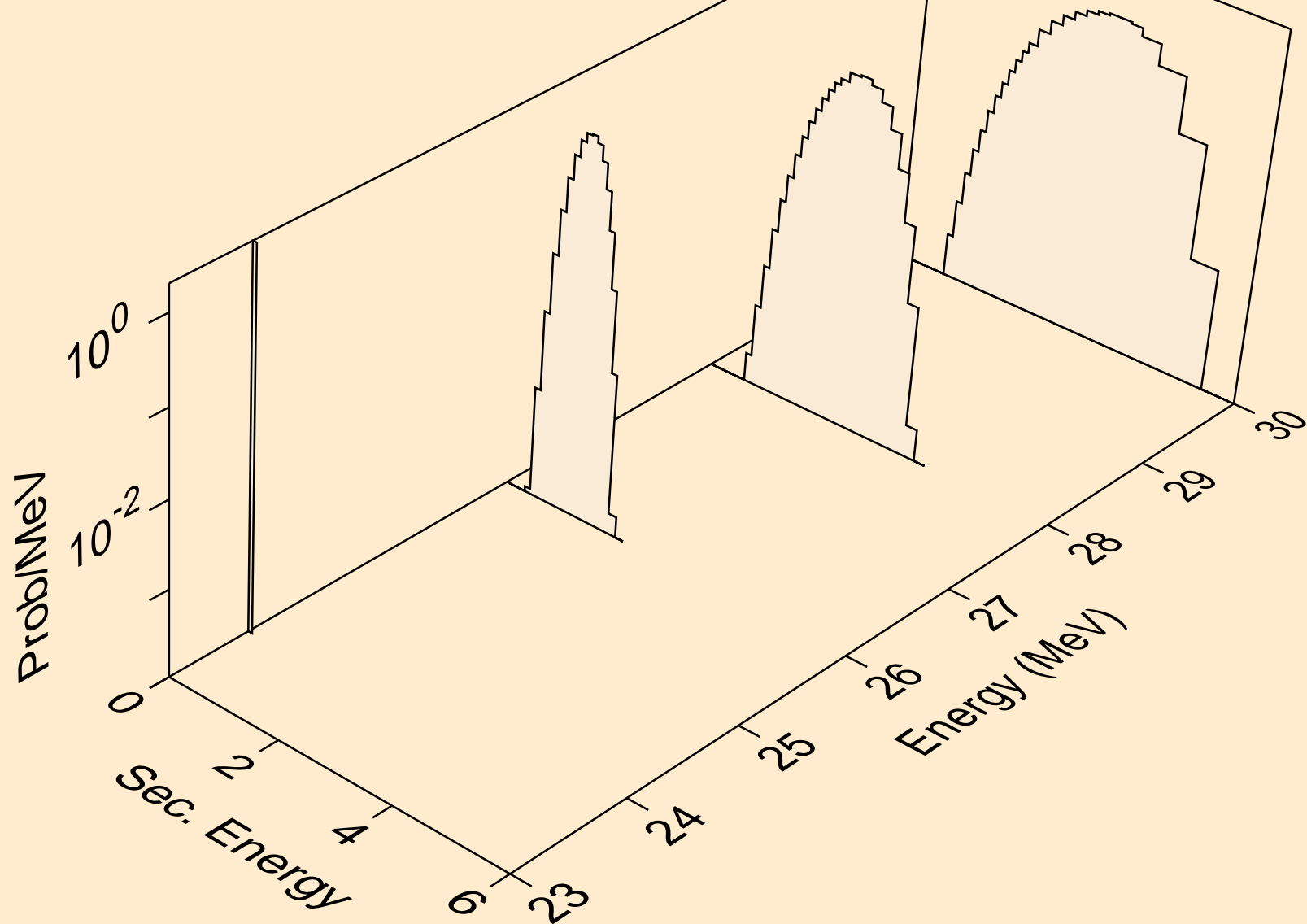


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deuterons from (n,d)

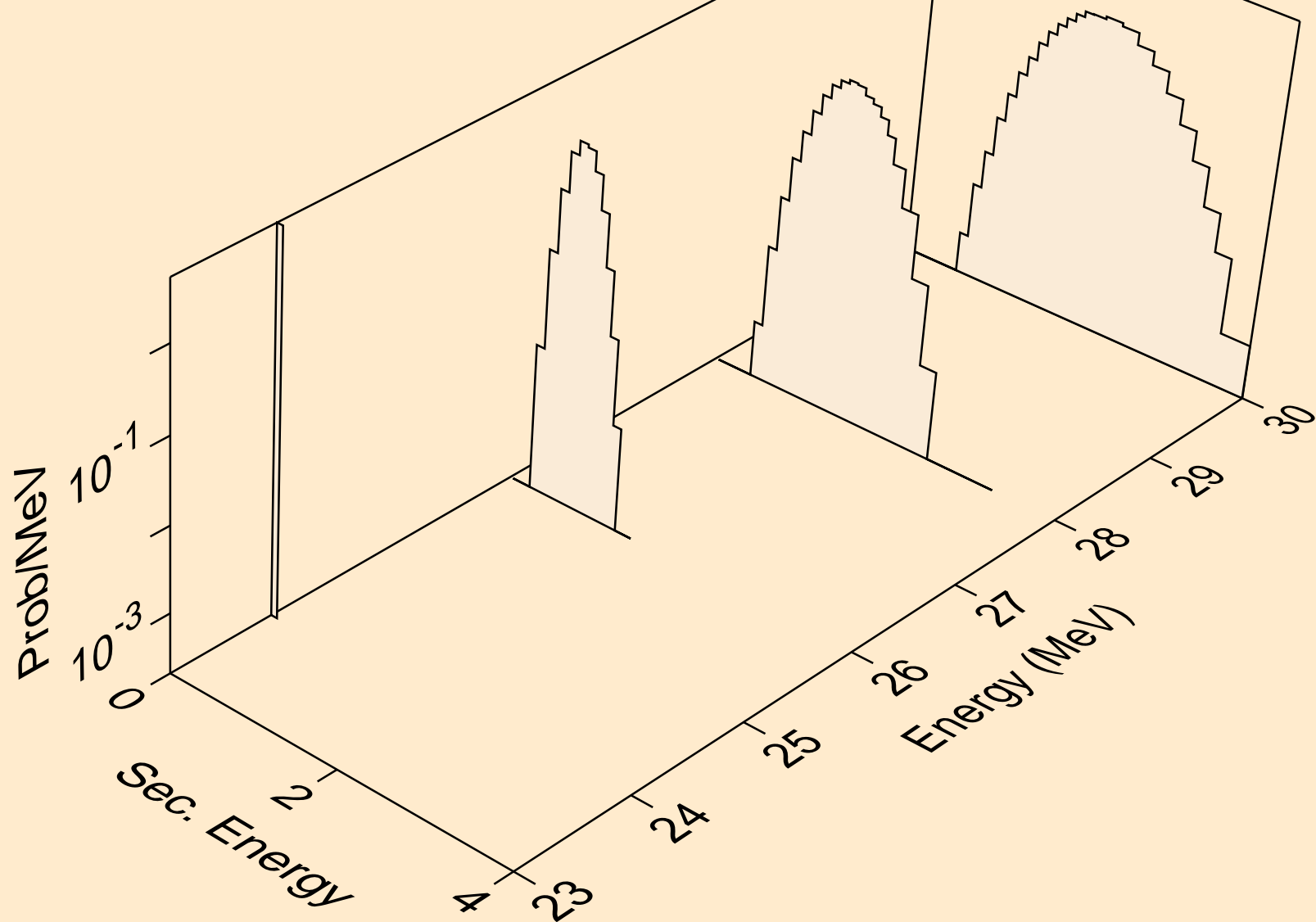




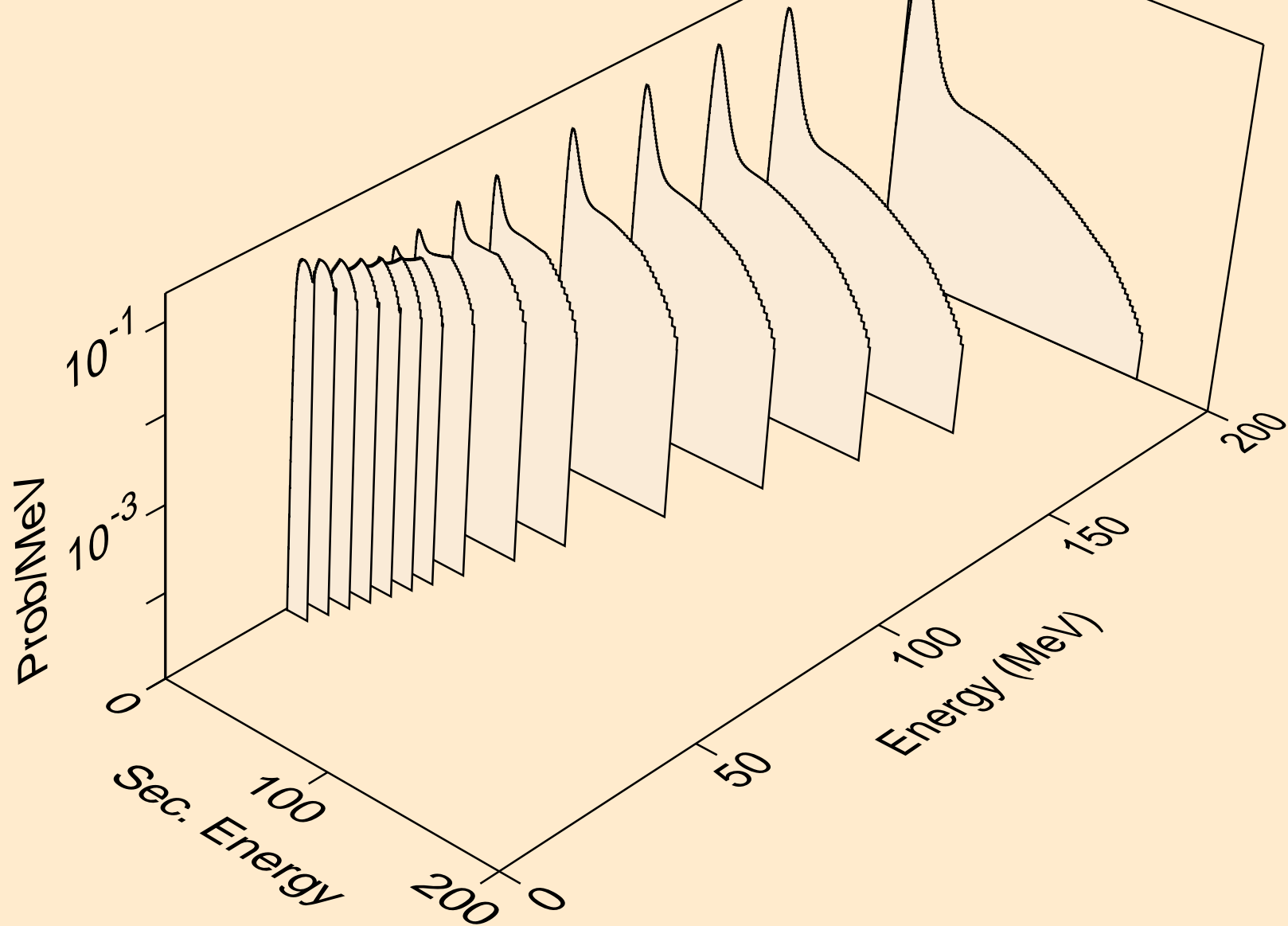
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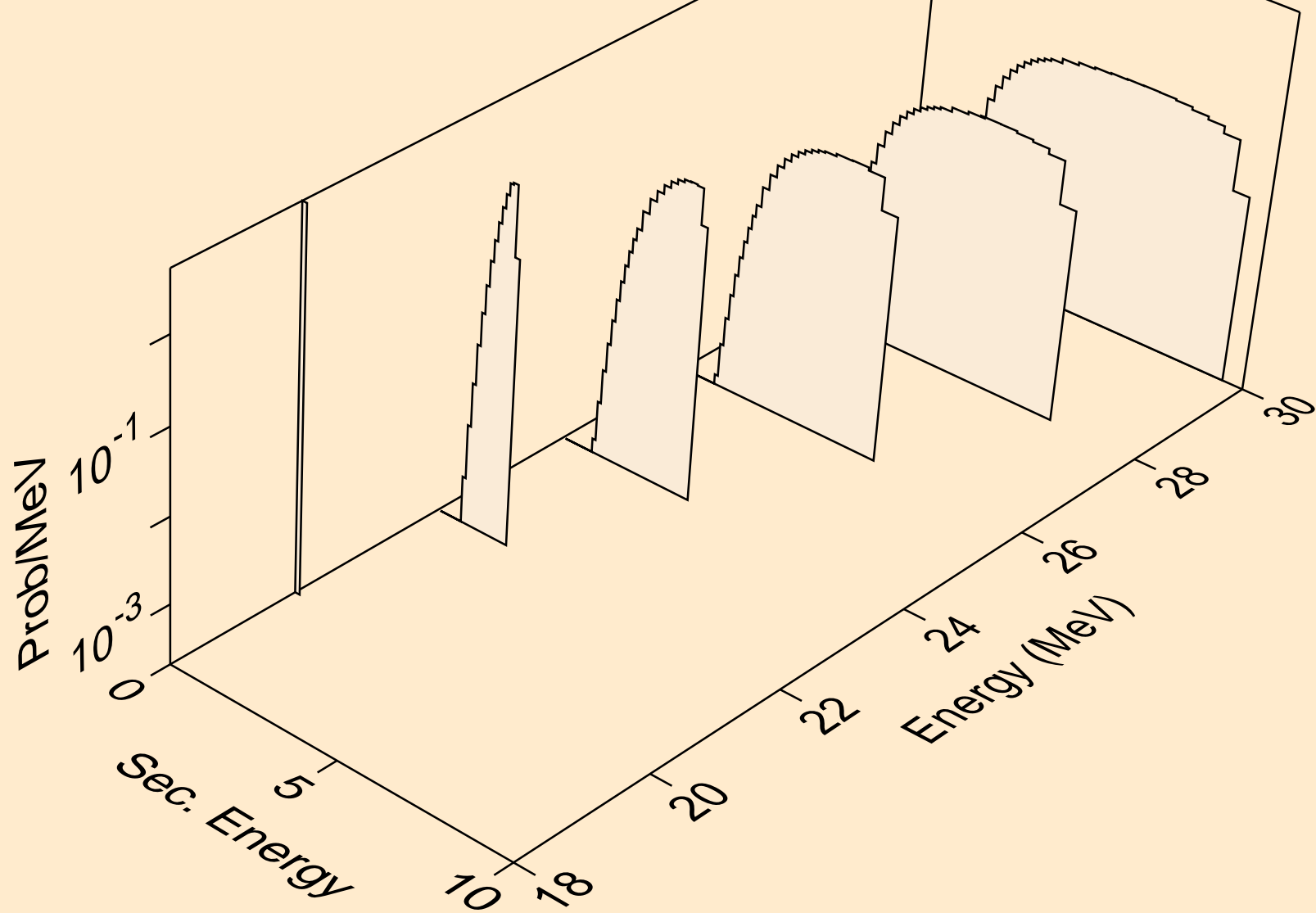
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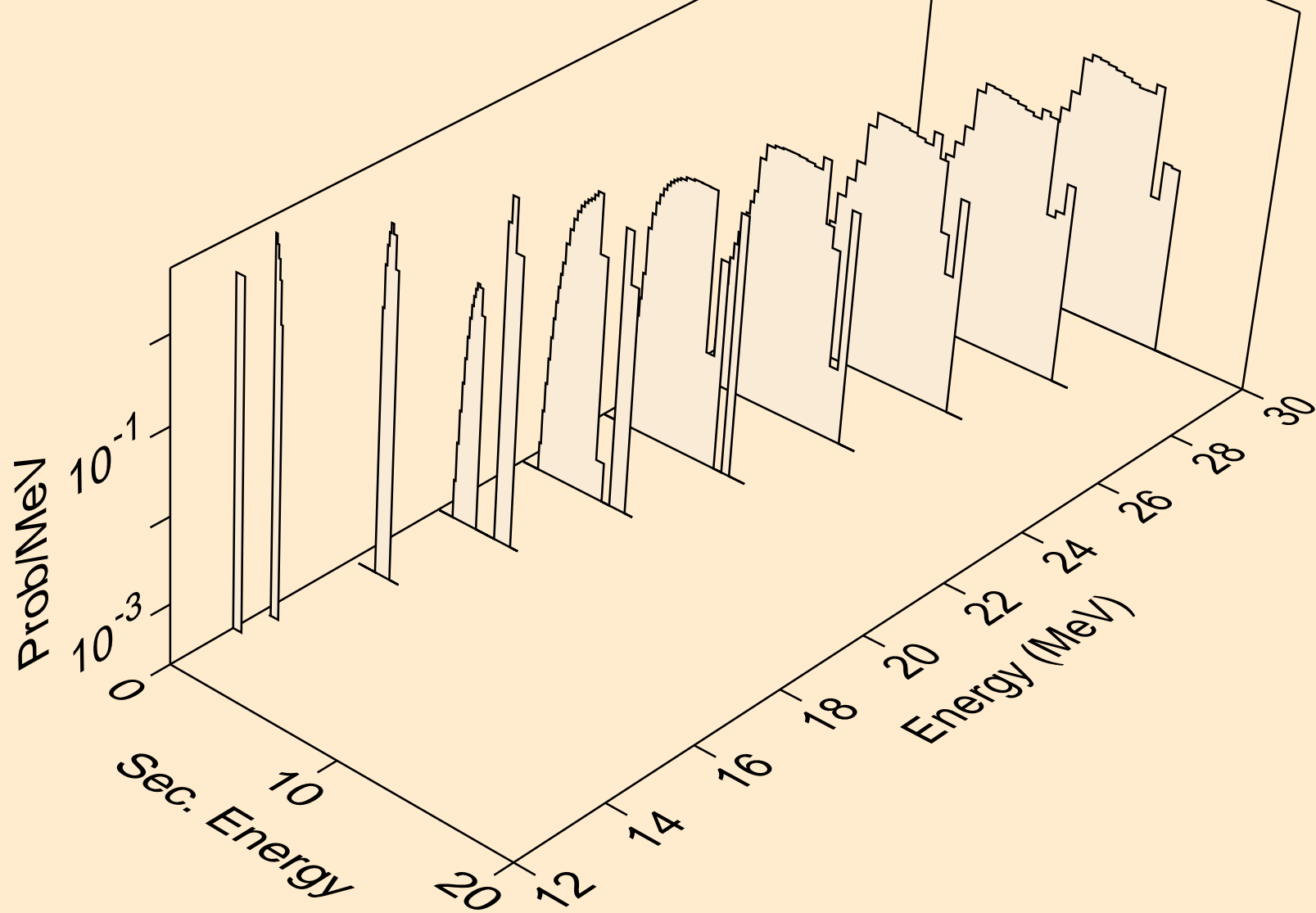
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tritons from (n,x)



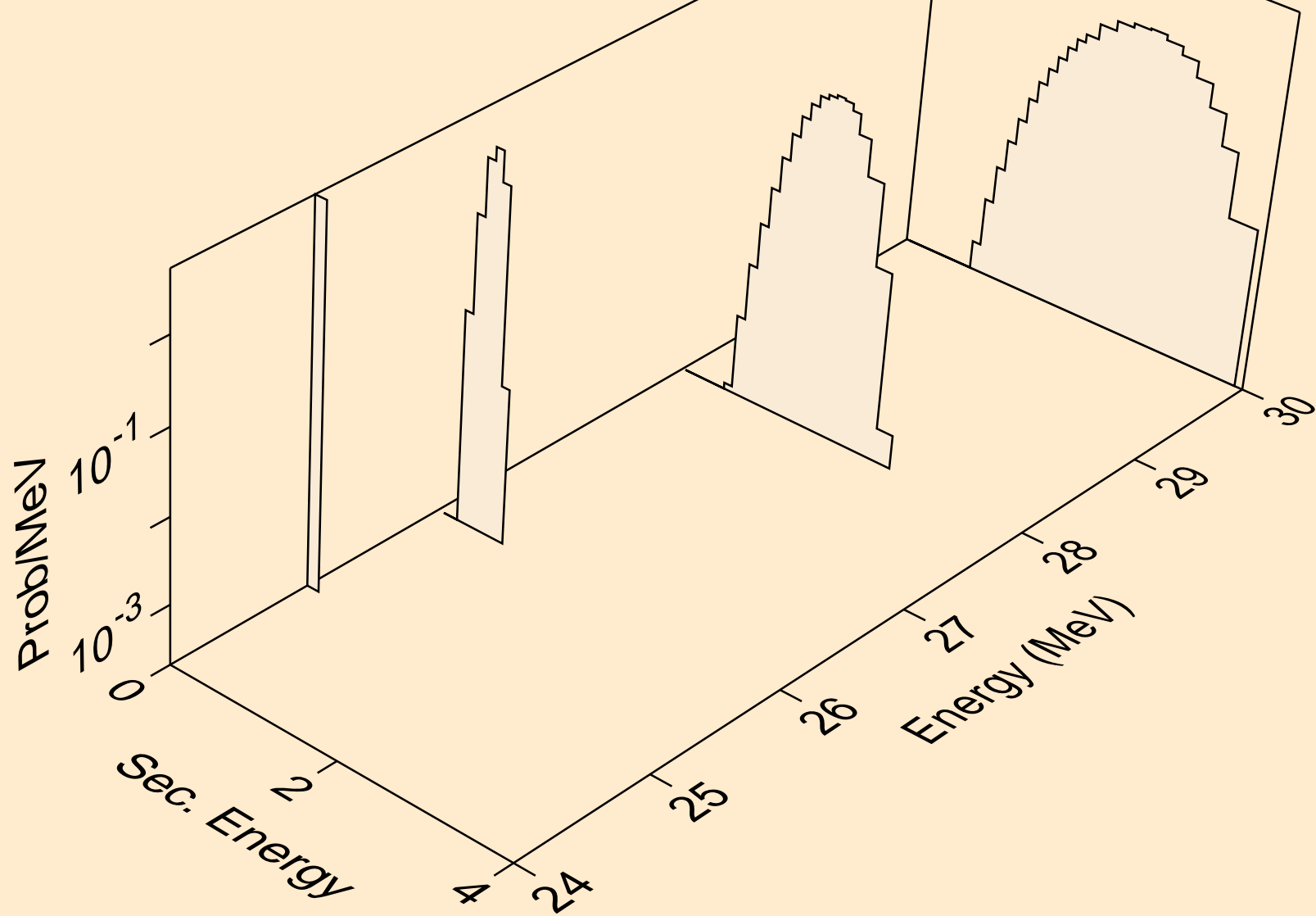
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tritons from (n,n\*)t



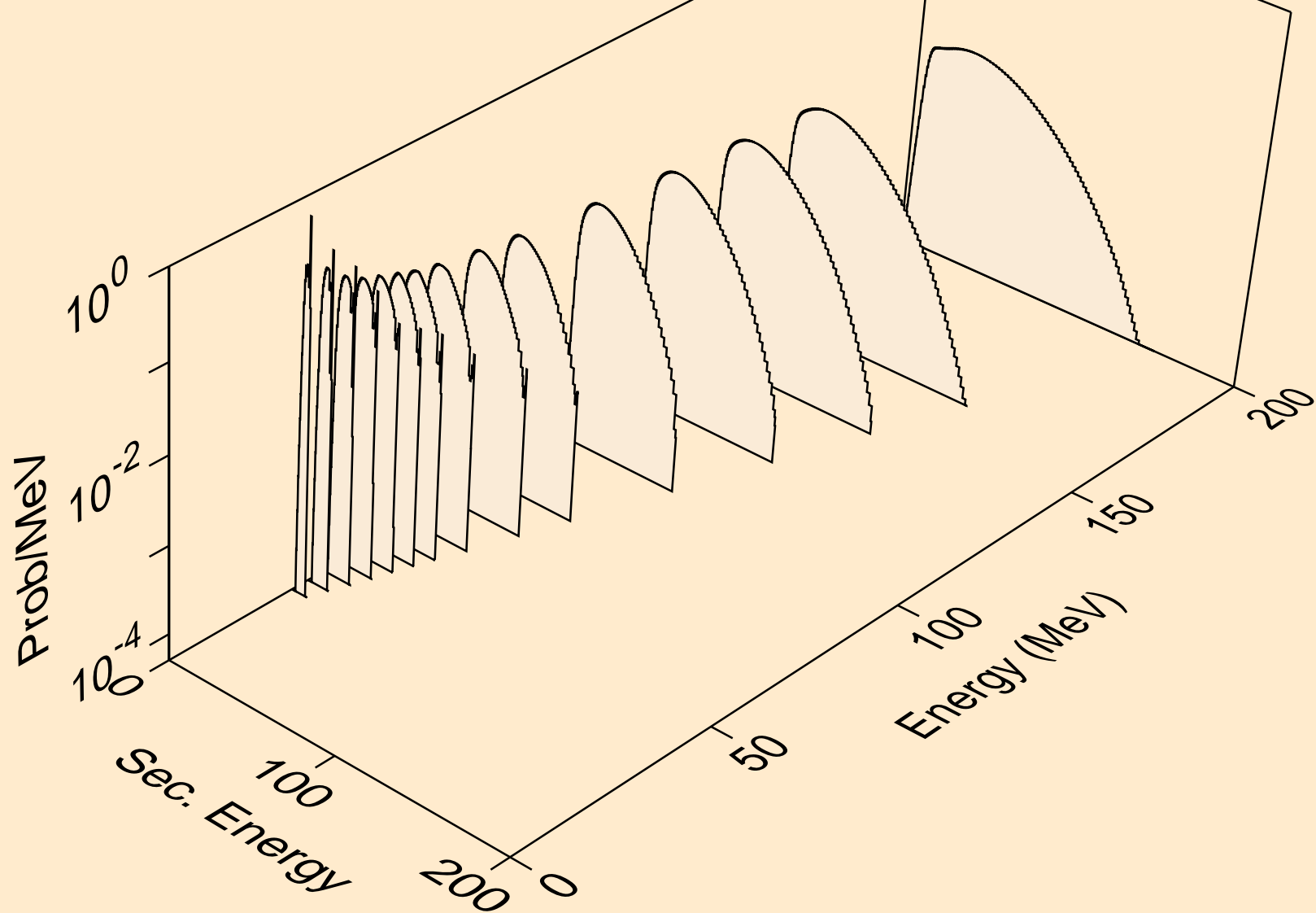
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tritons from (n,t)



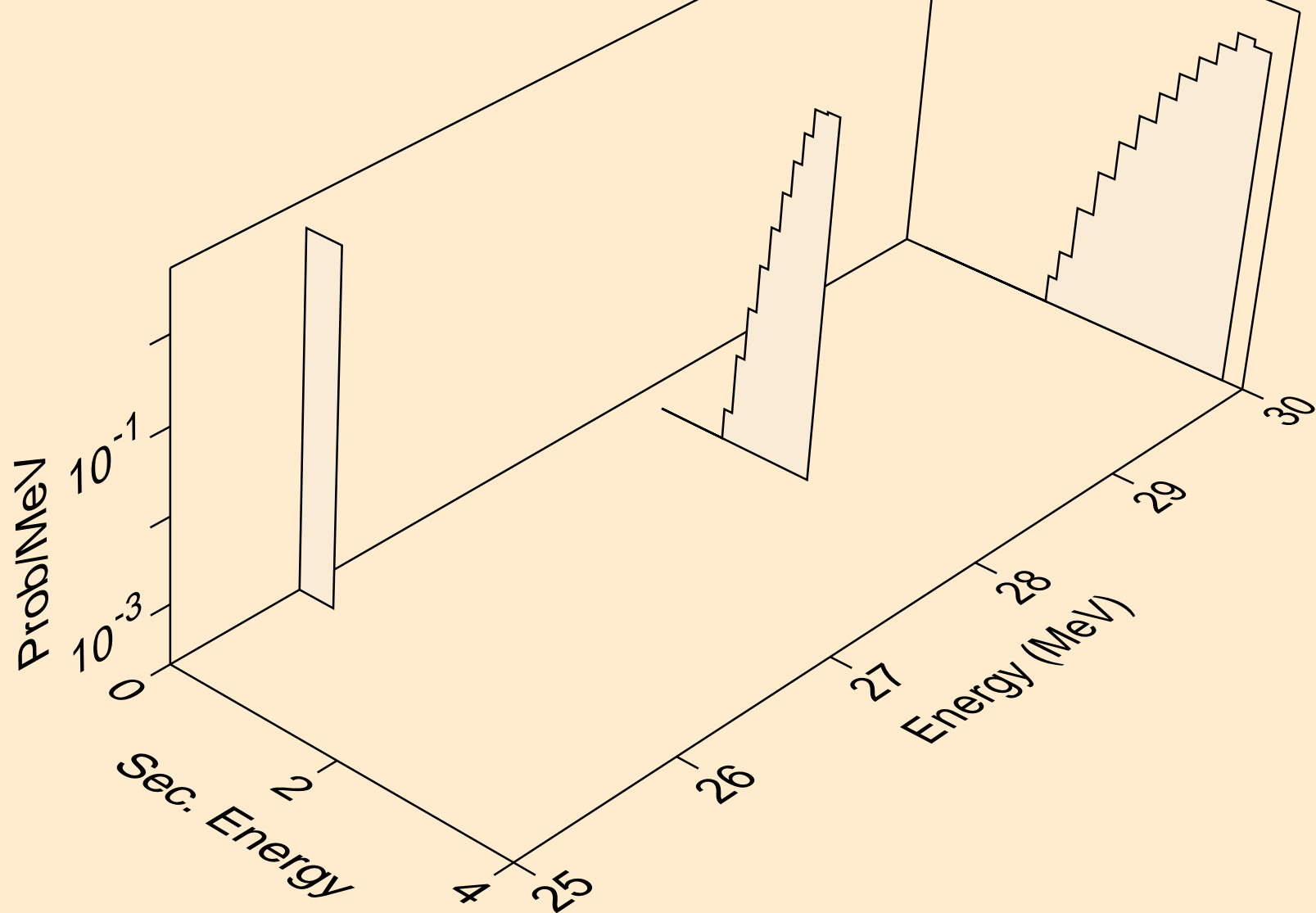
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tritons from (n,pt)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

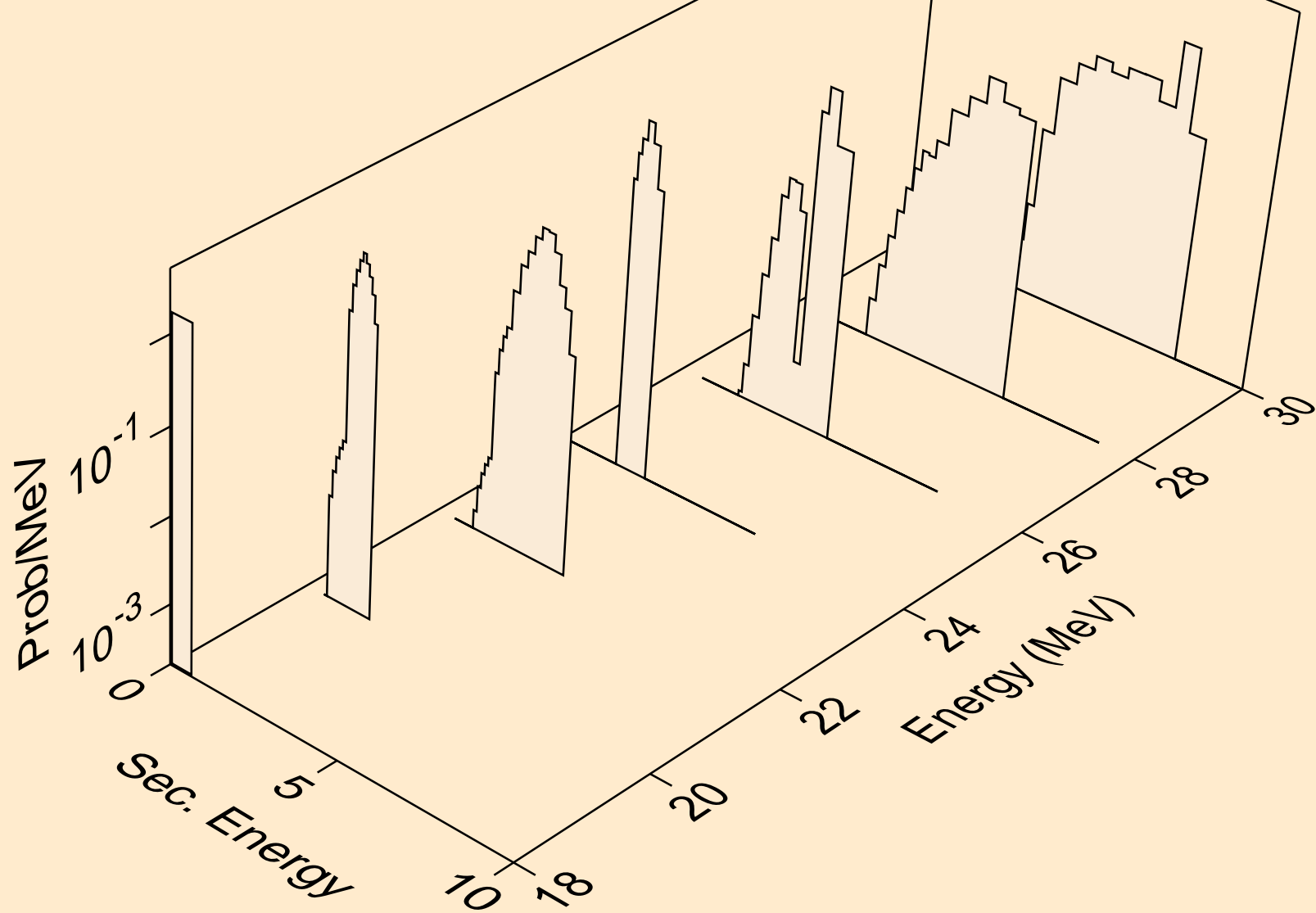


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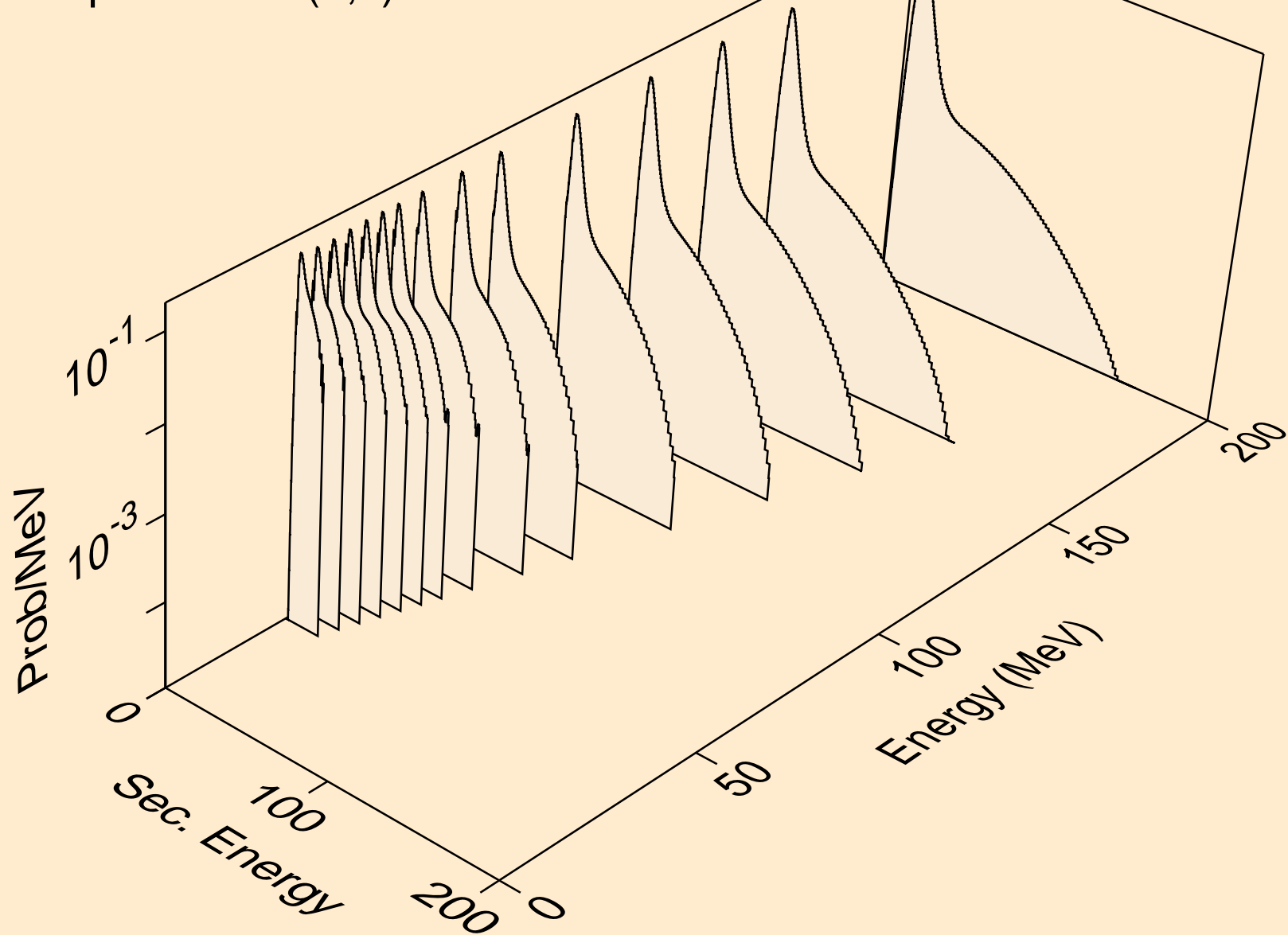




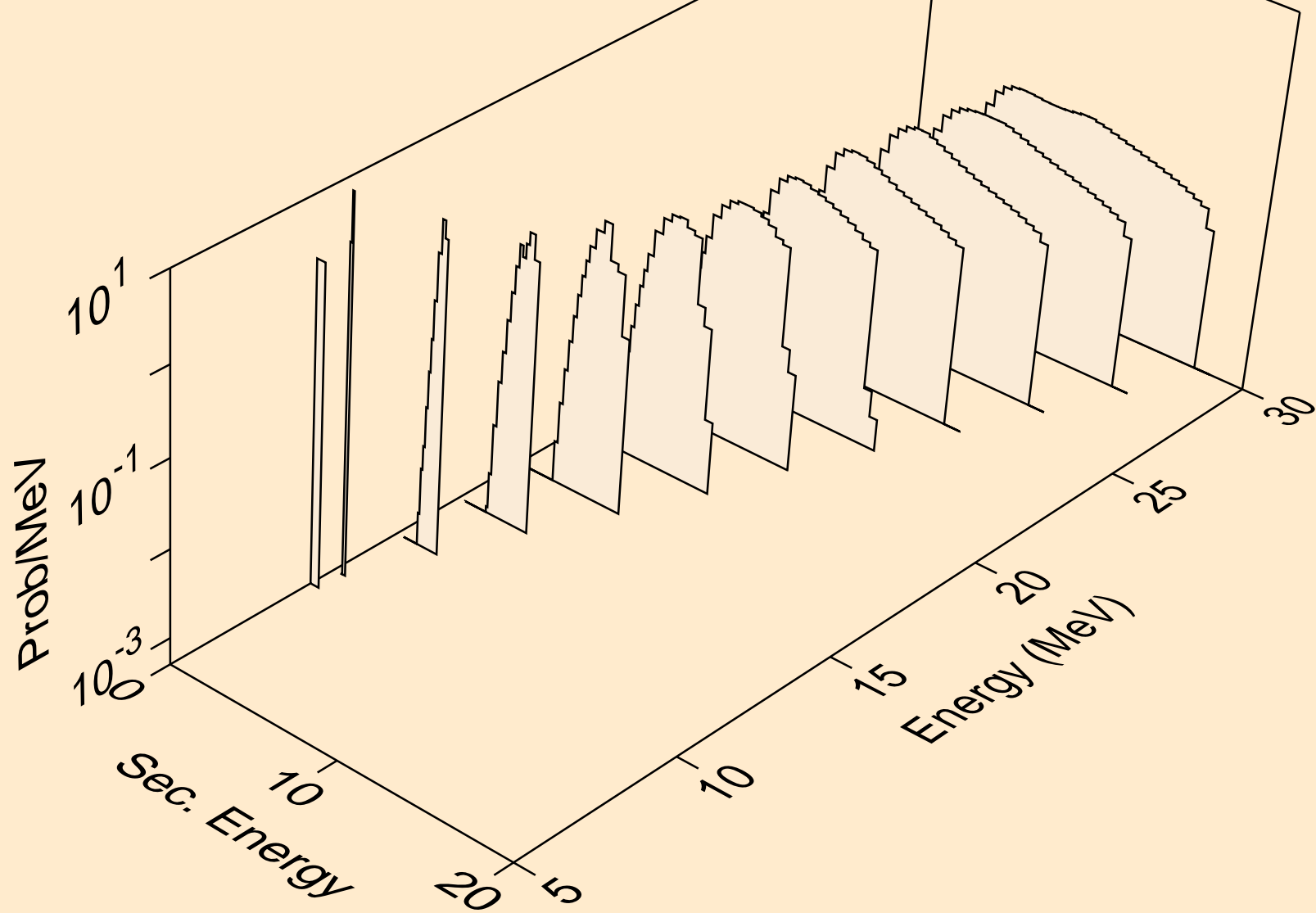
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he3s from (n,he3)



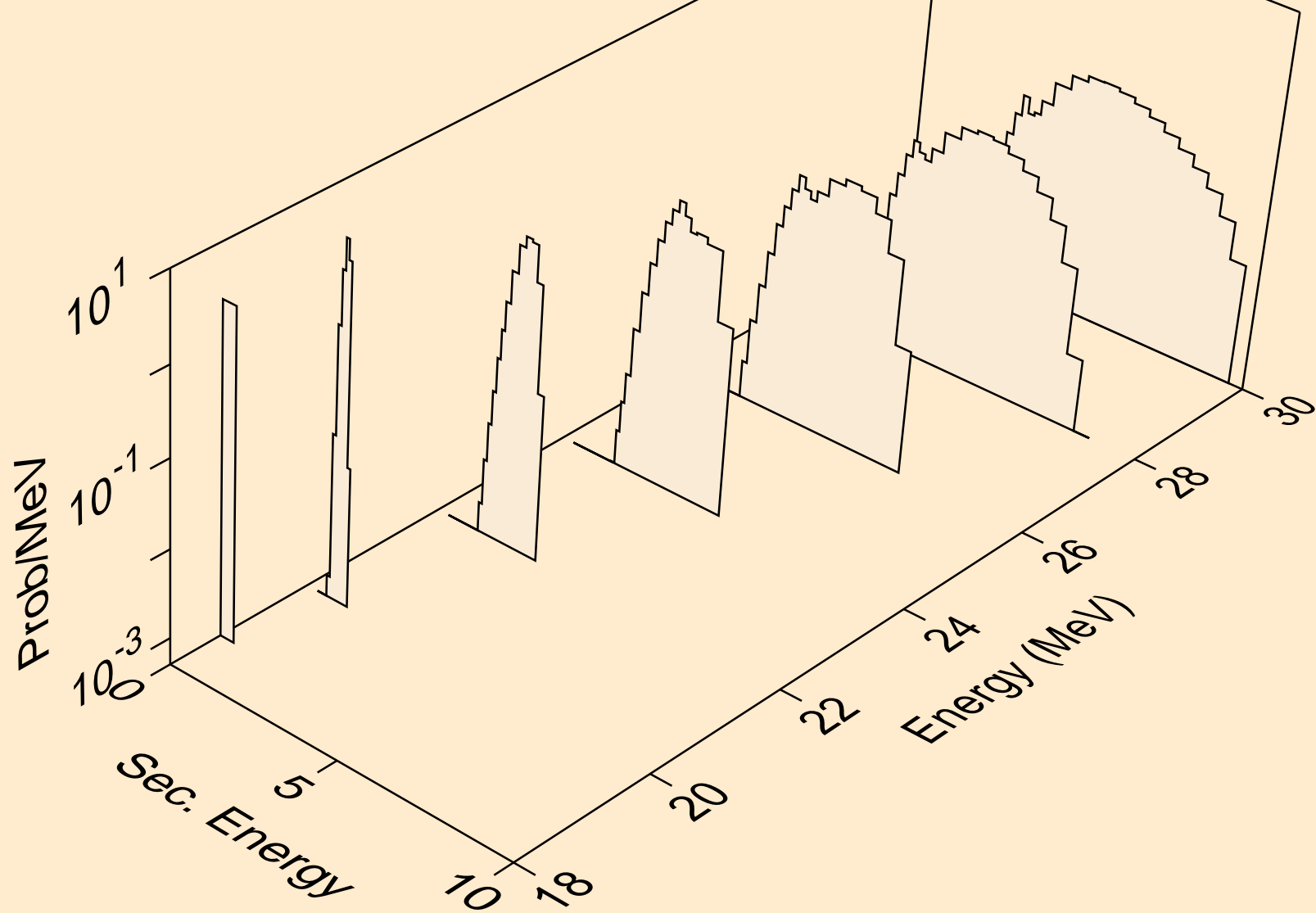
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alphas from (n,x)



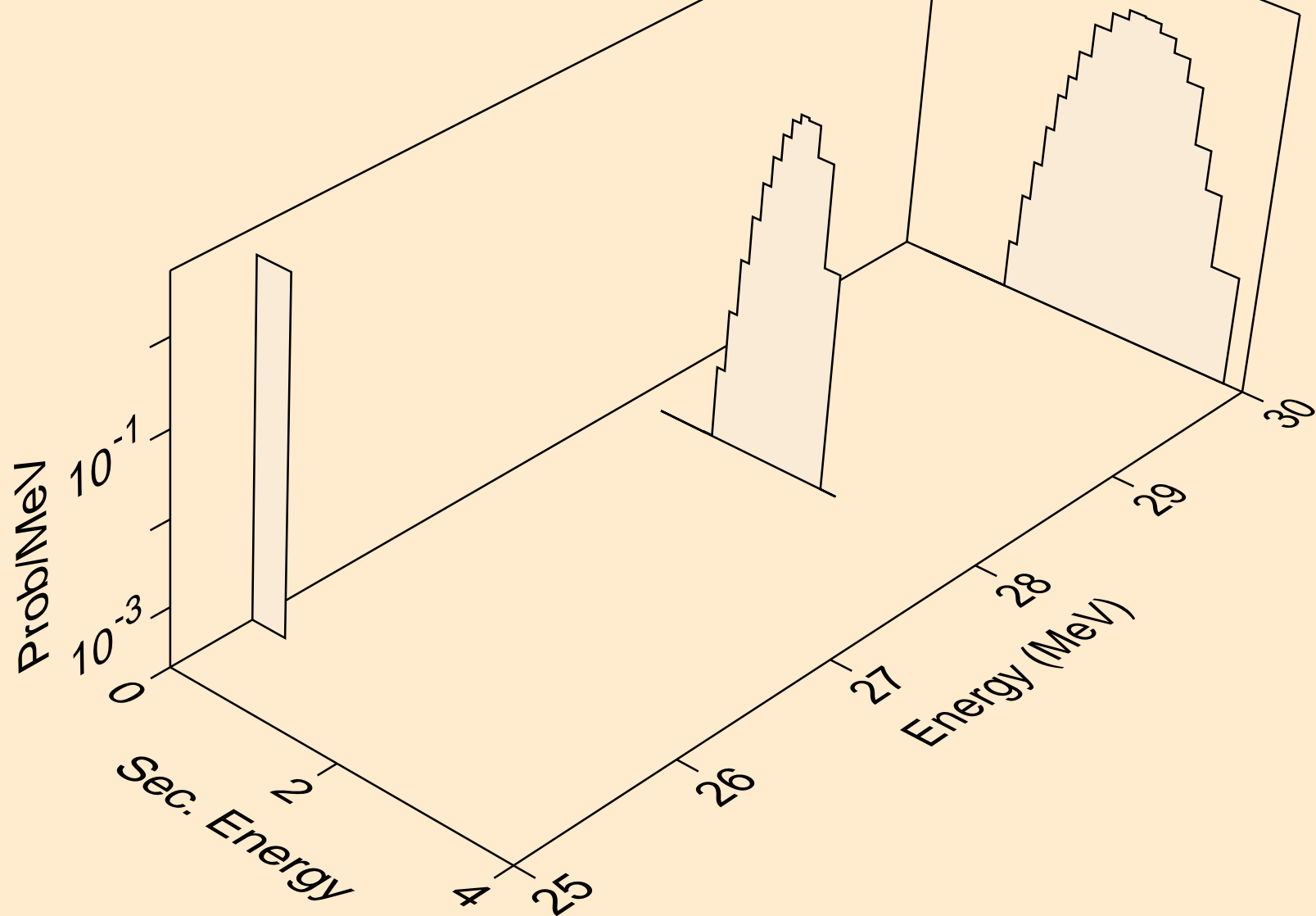
S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



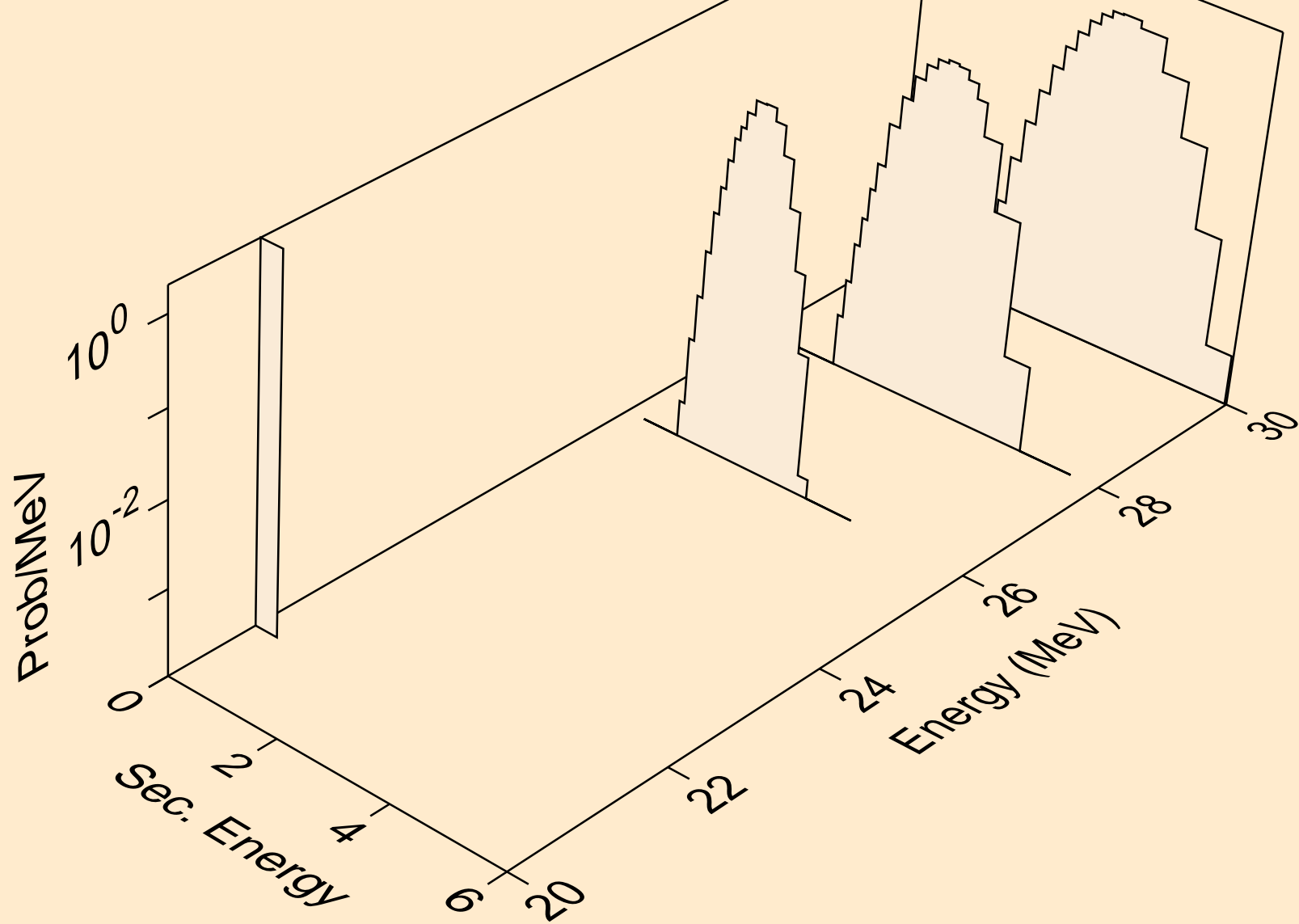
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alphas from (n,2n)a



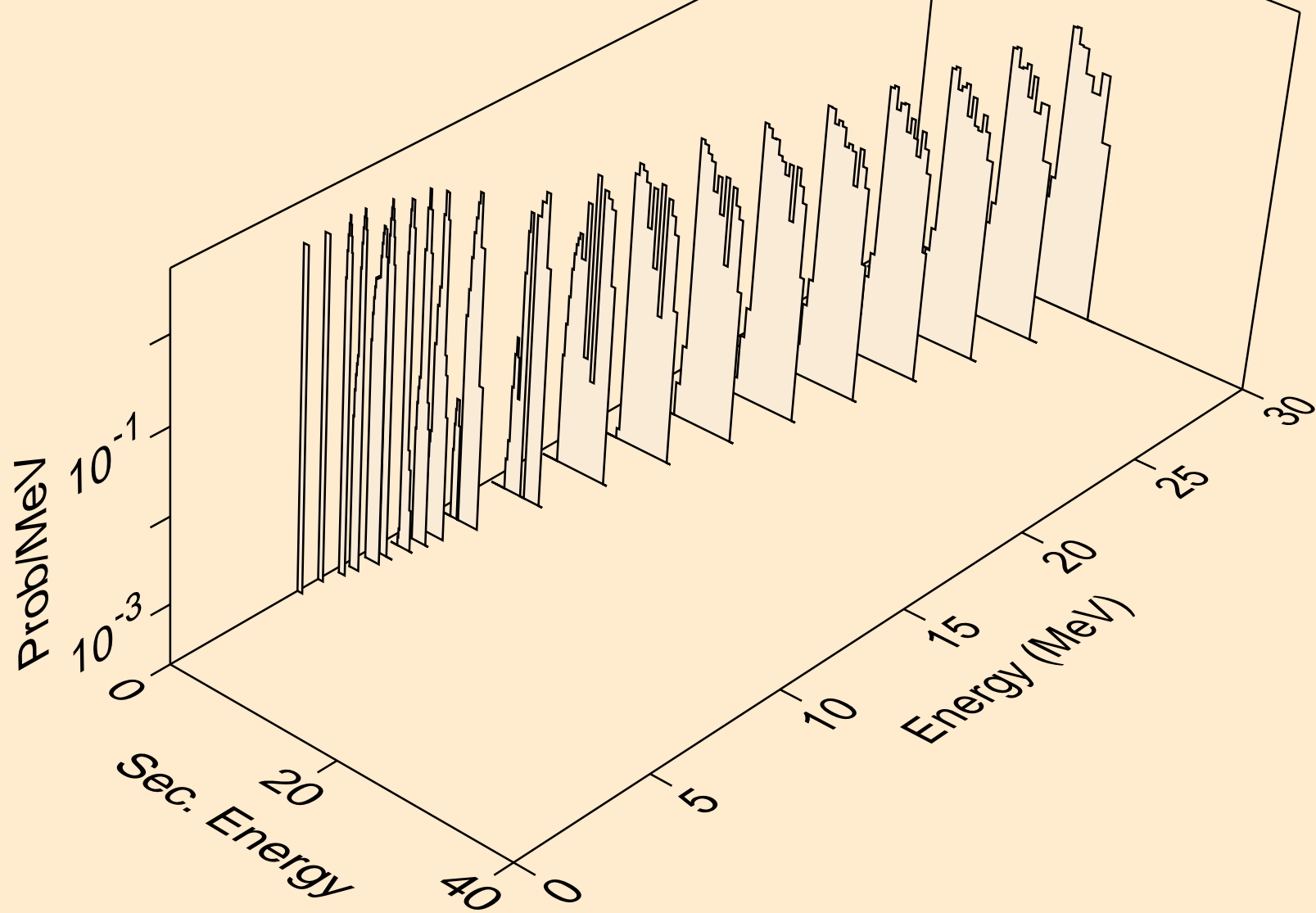
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alphas from (n,3n)a



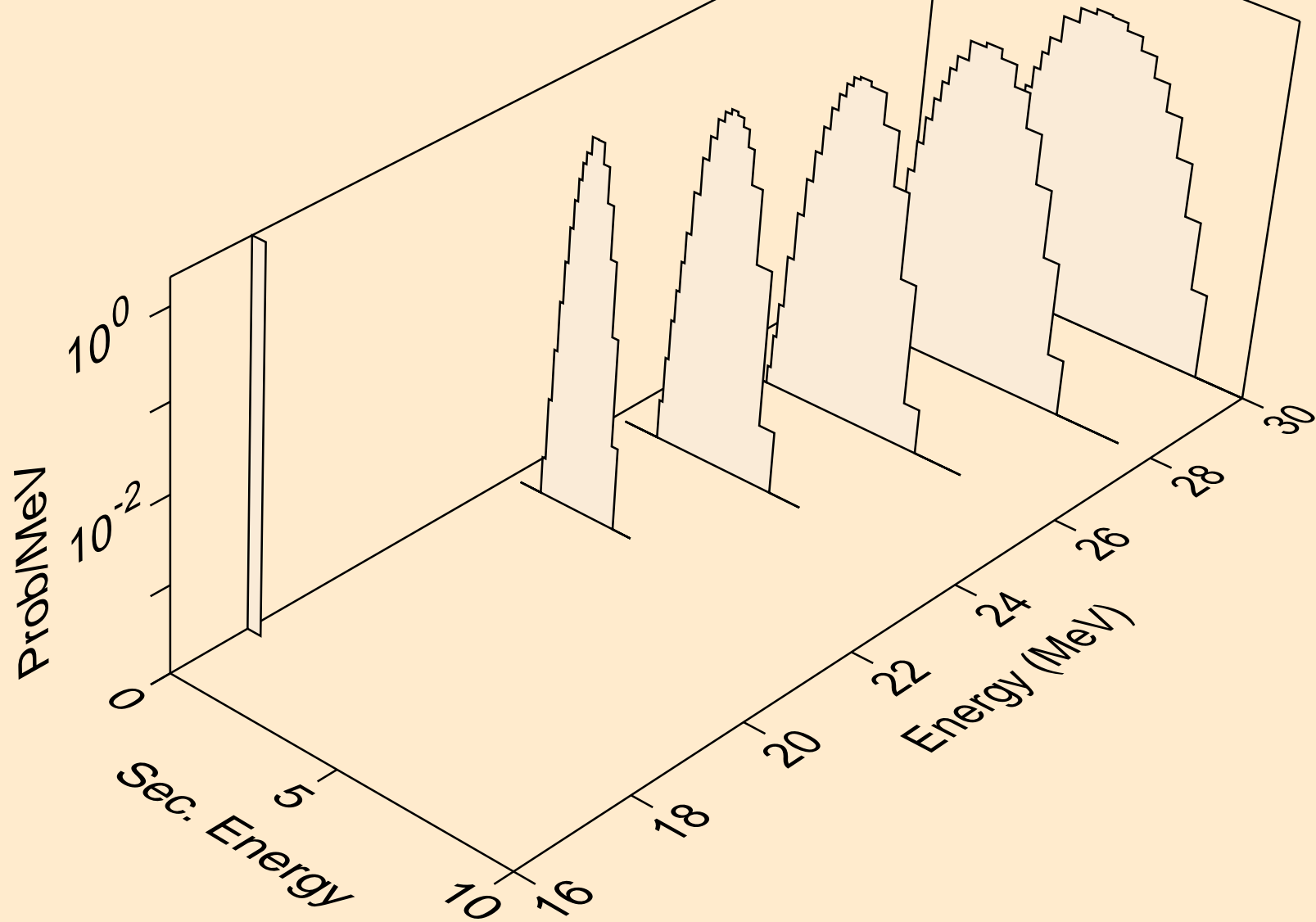
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alphas from (n,n\*)2a



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

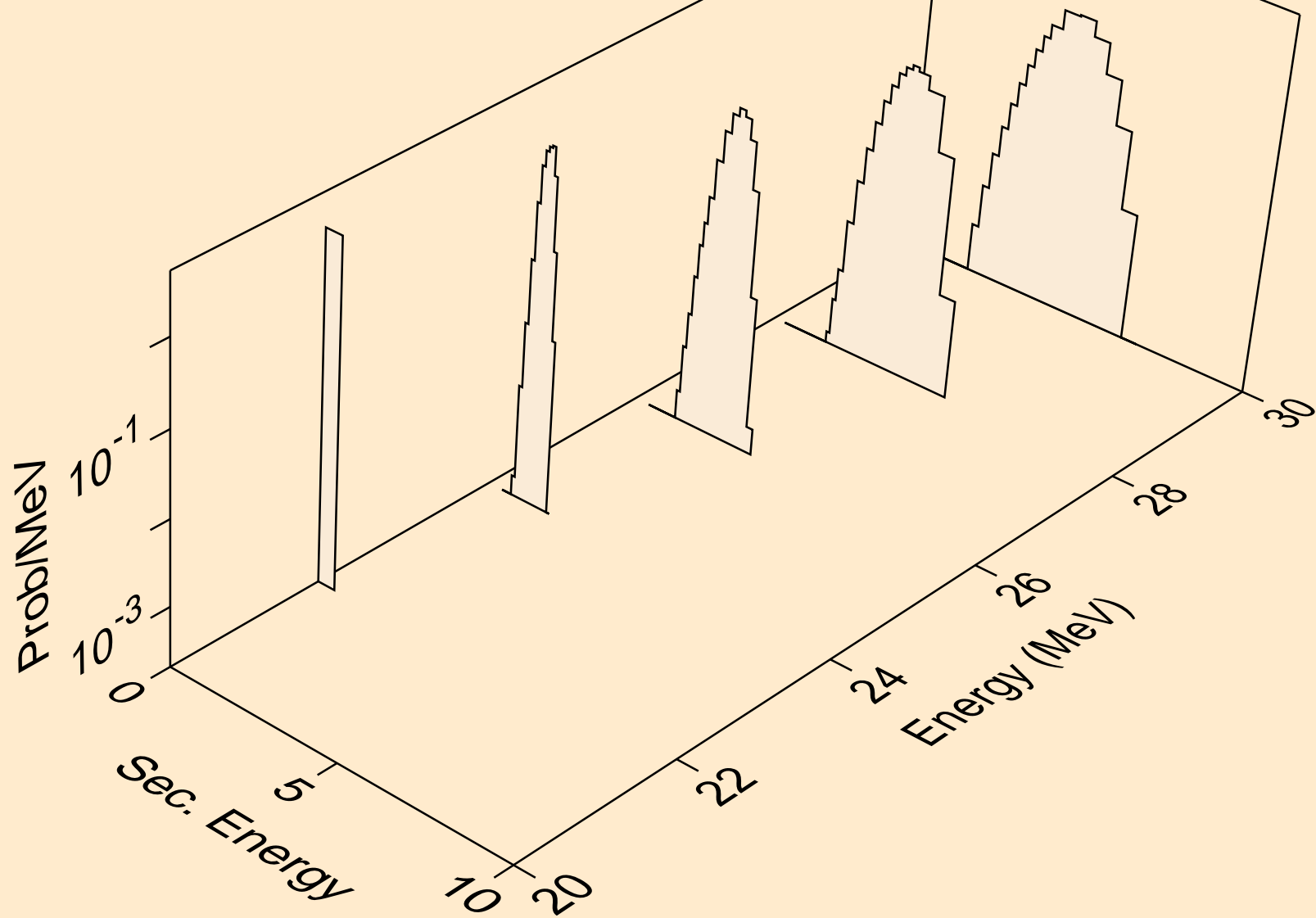


S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)





S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



S036 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

