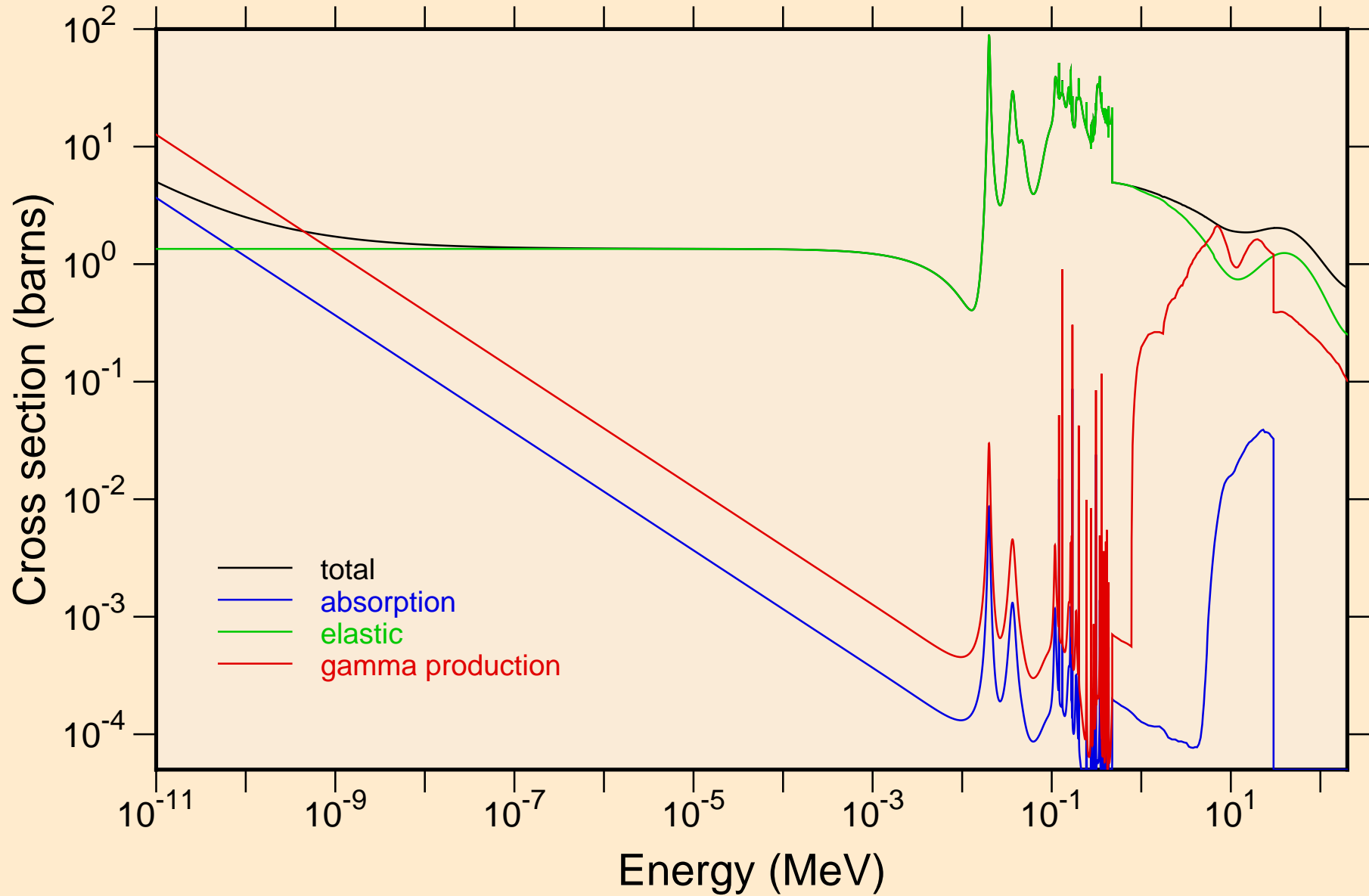
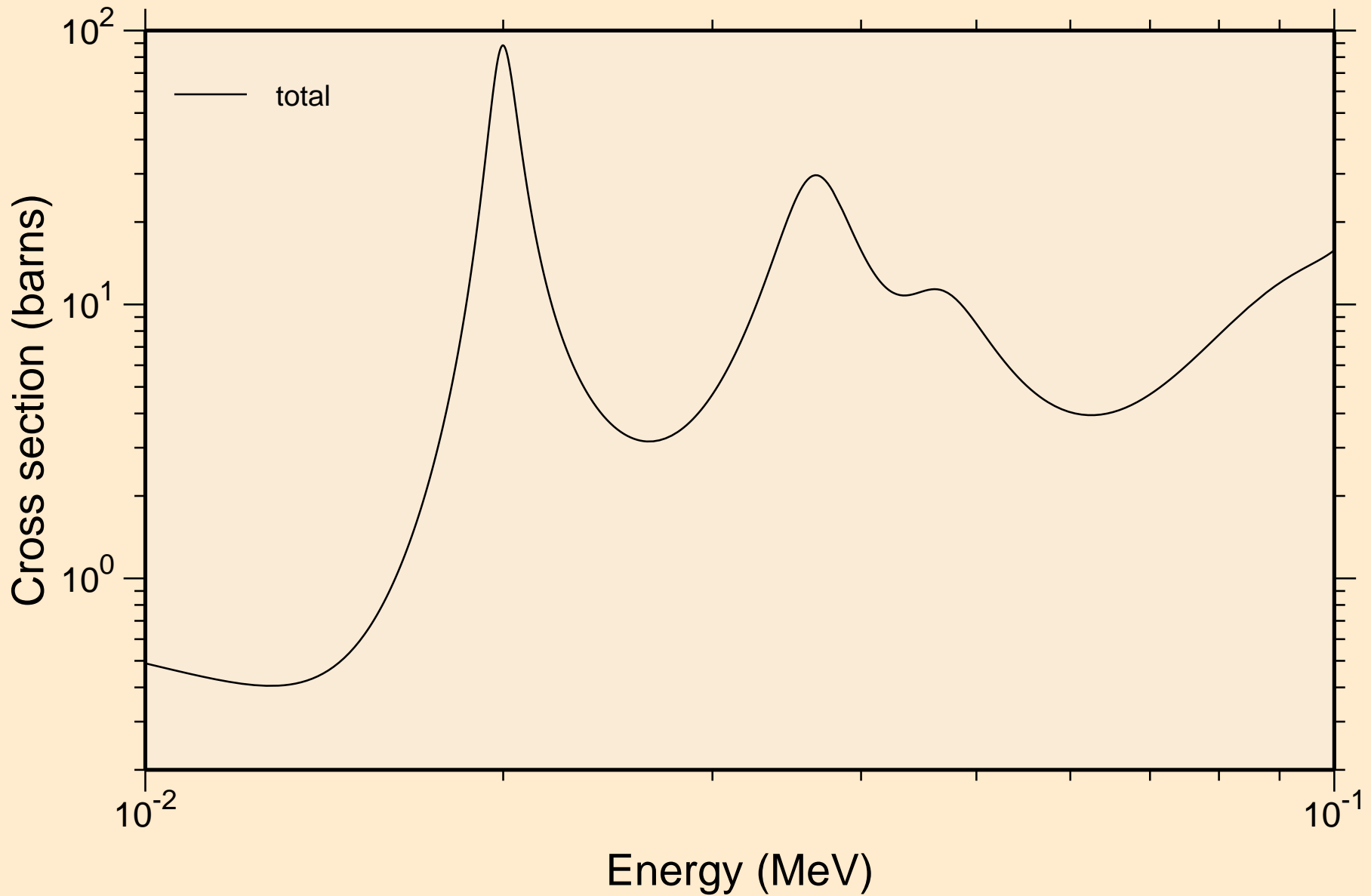


# SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

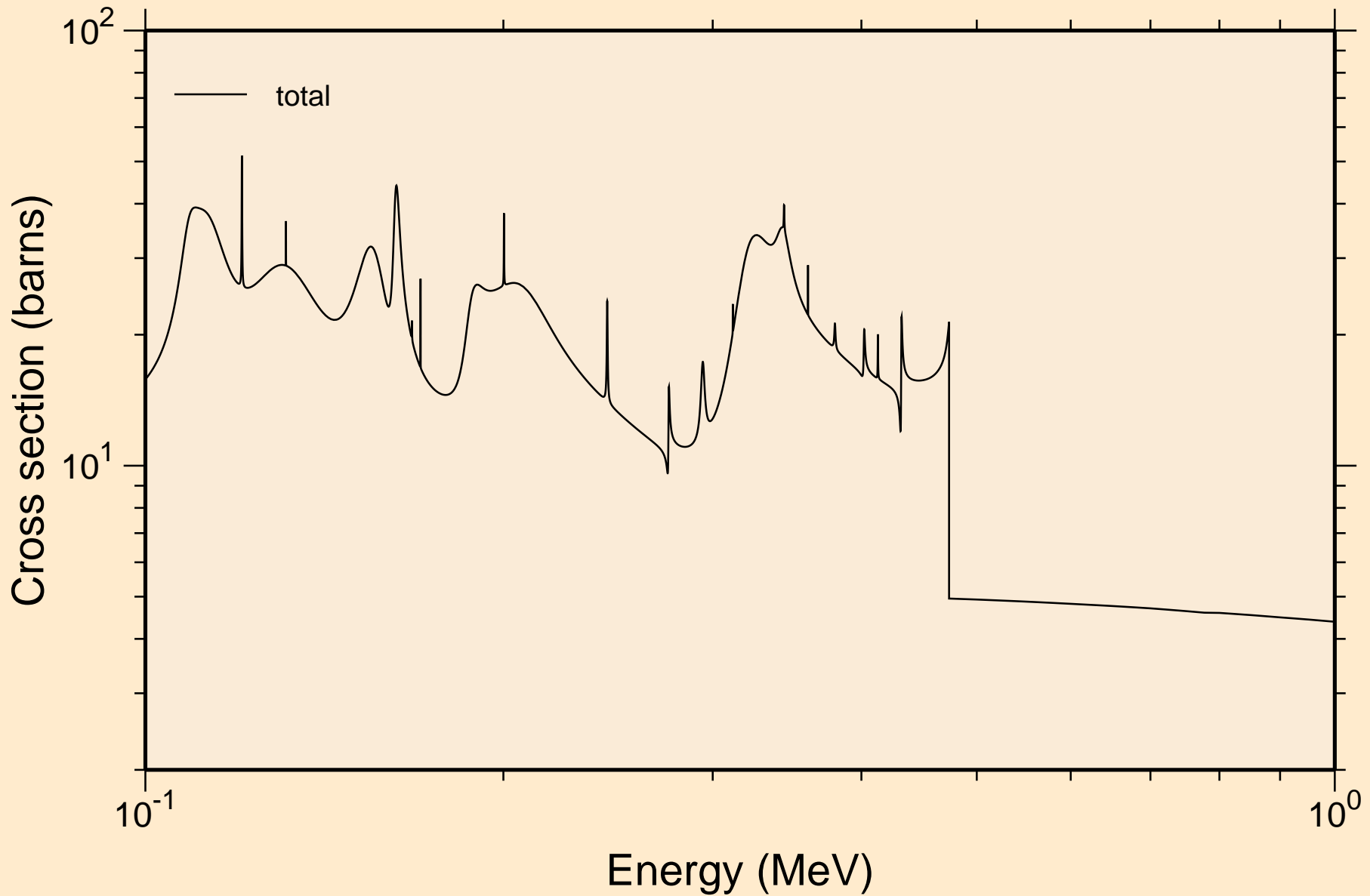
## Principal cross sections



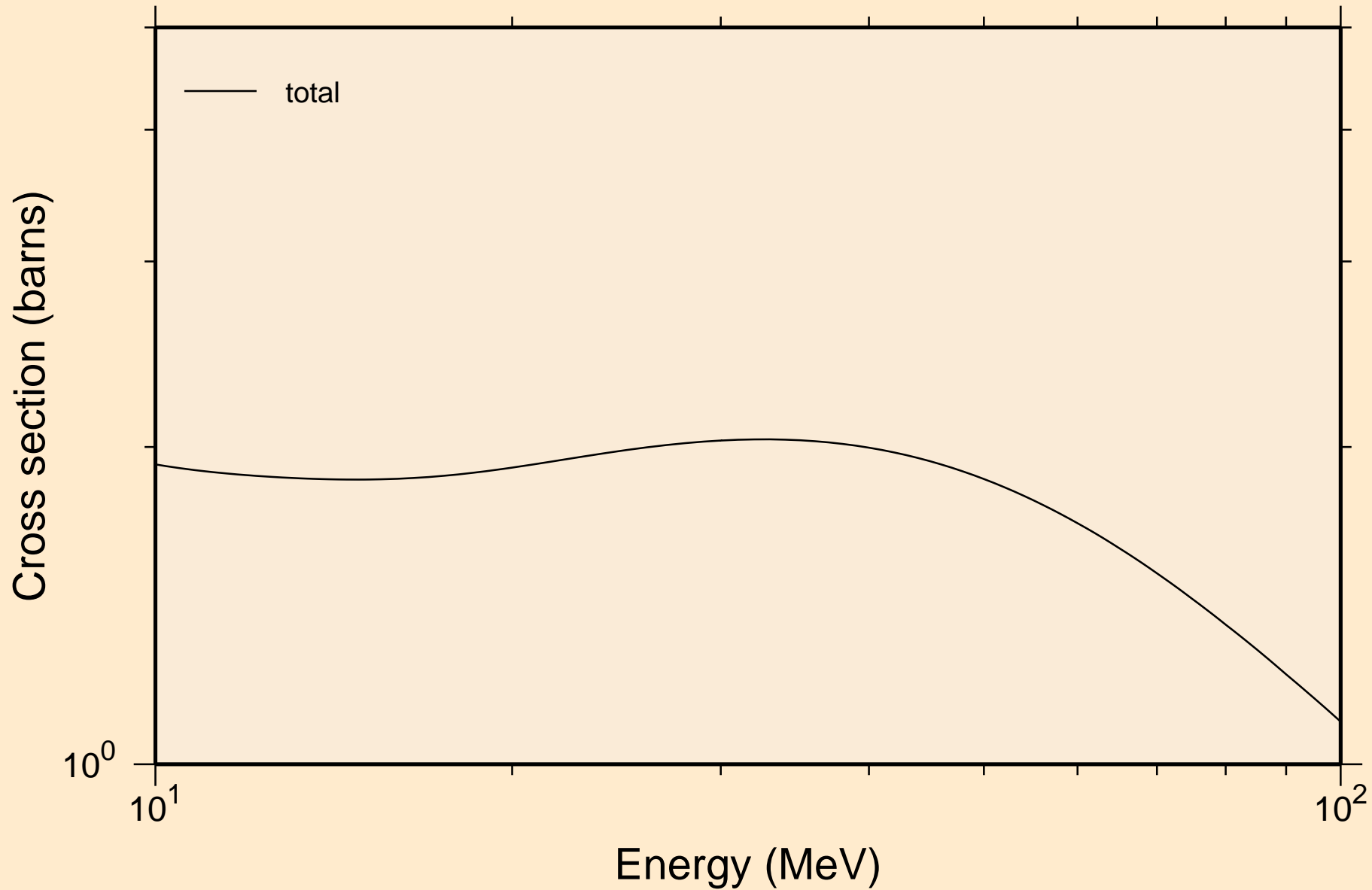
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



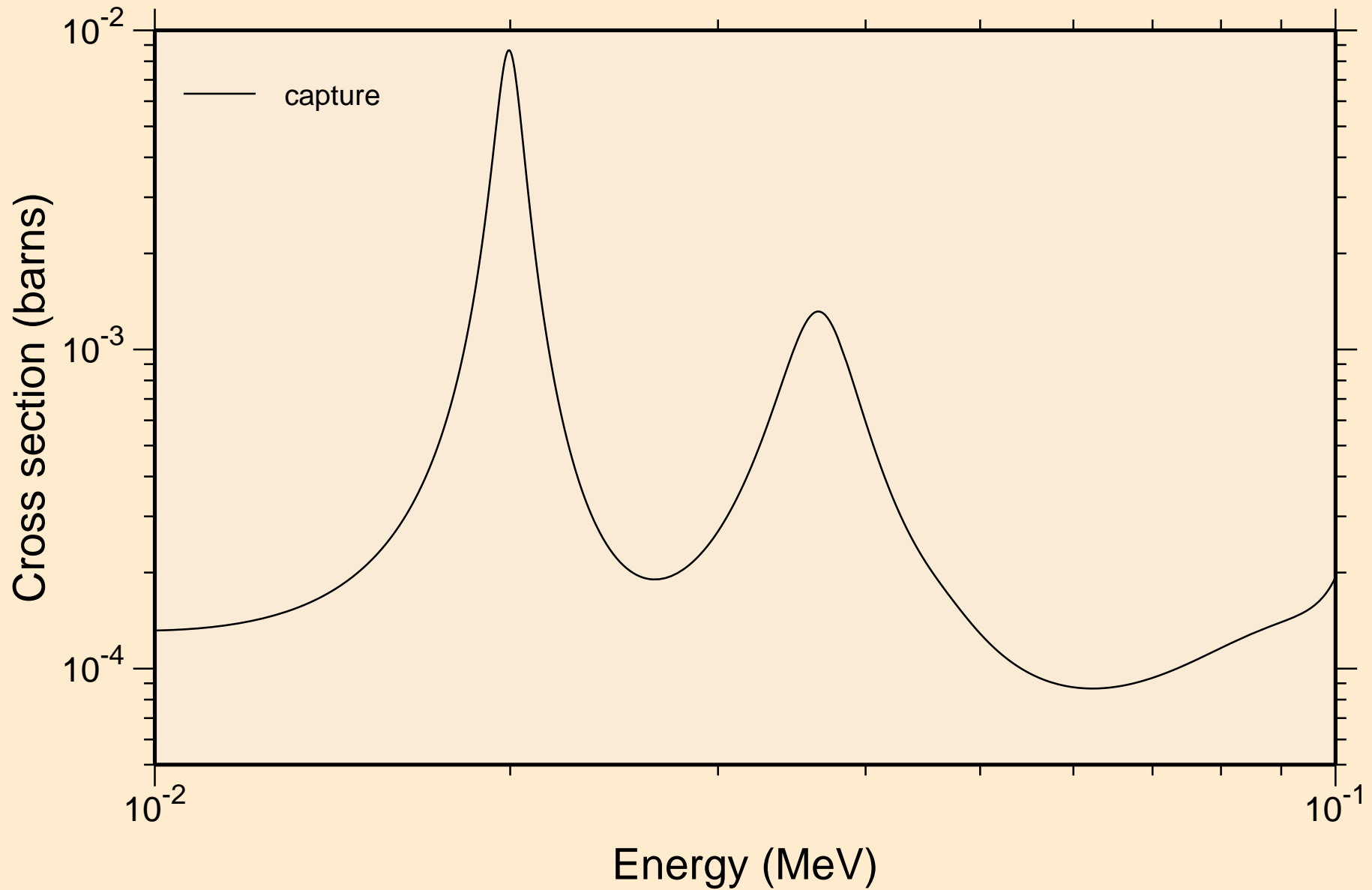
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



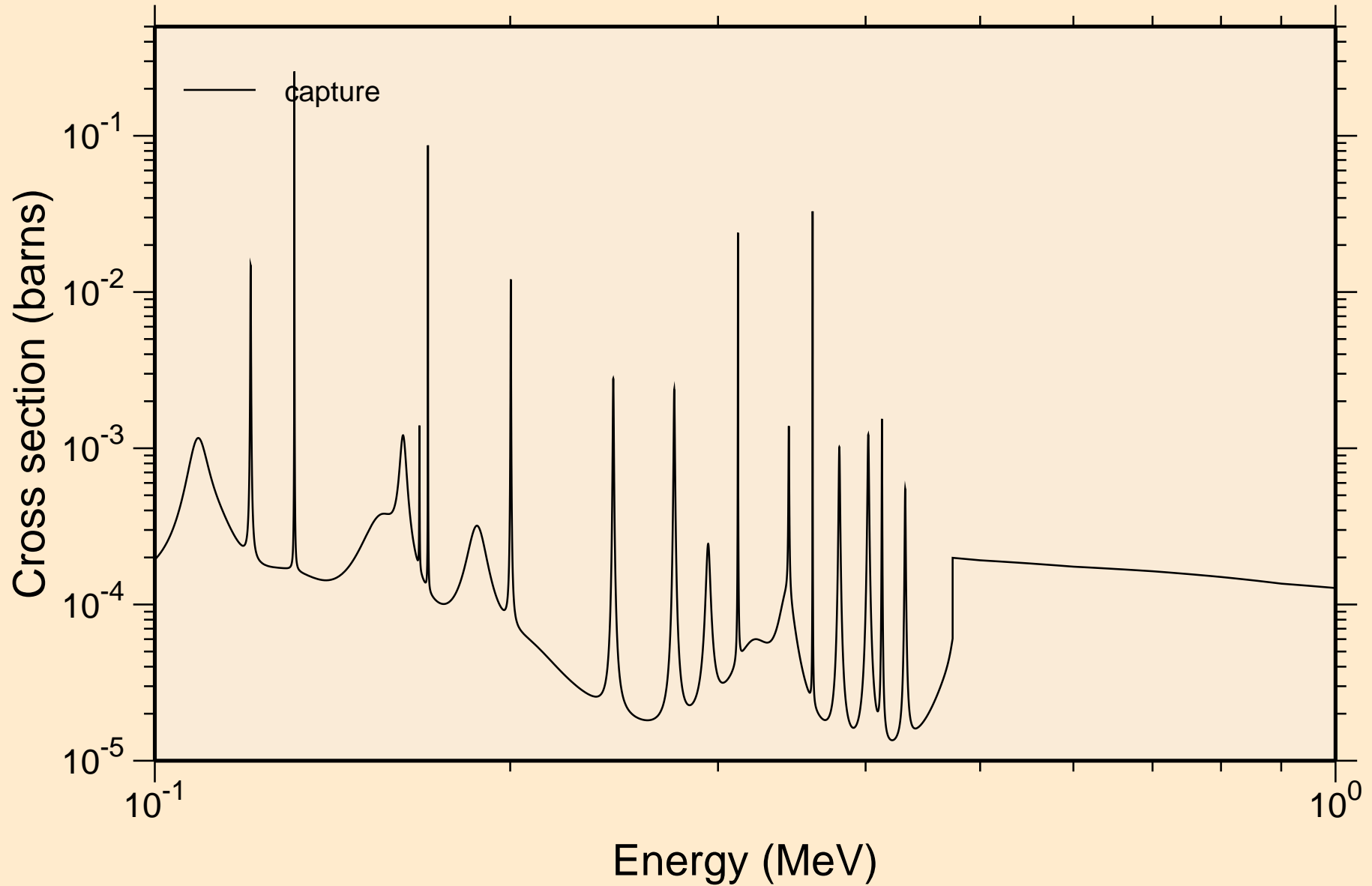
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



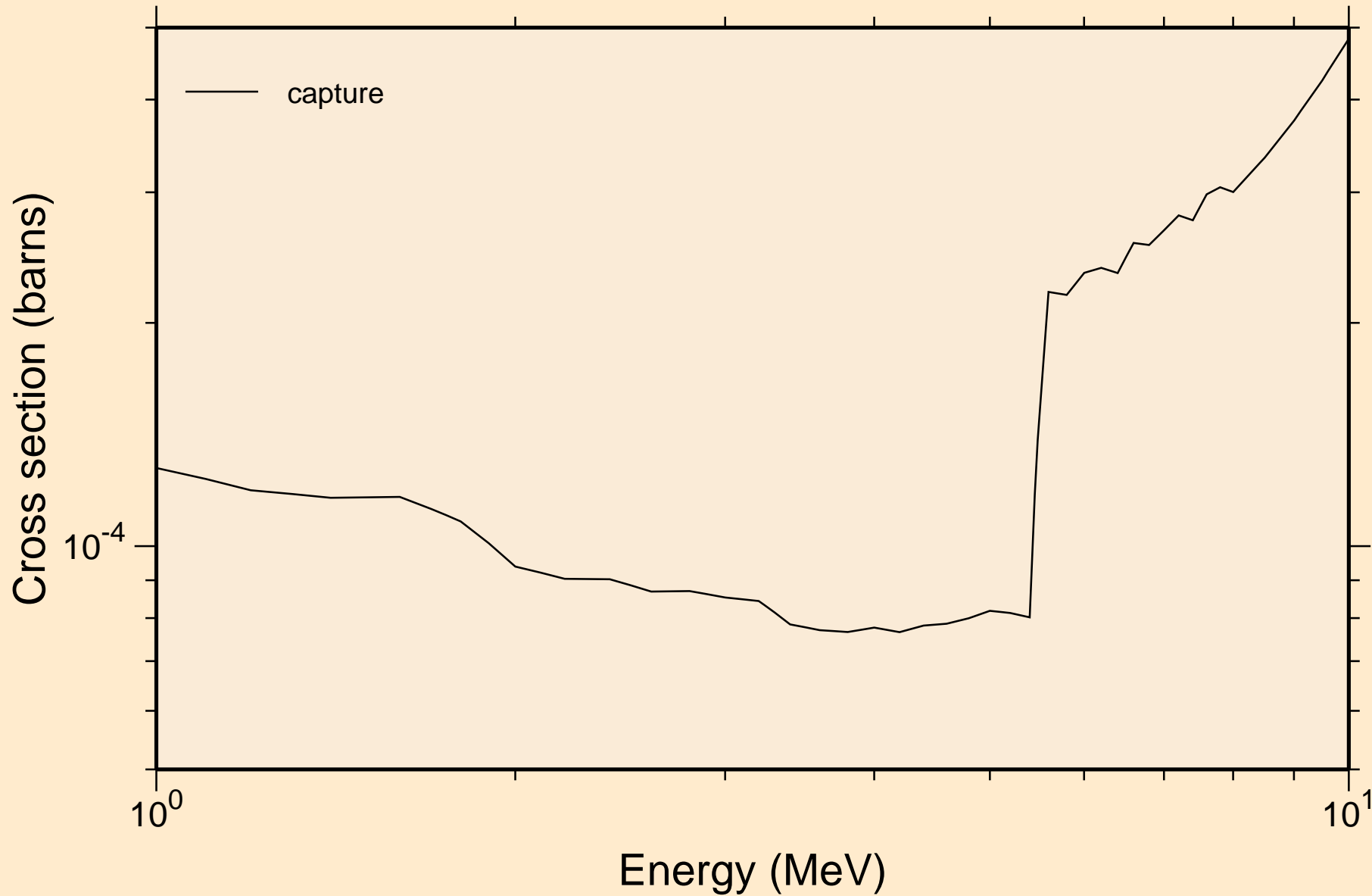
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

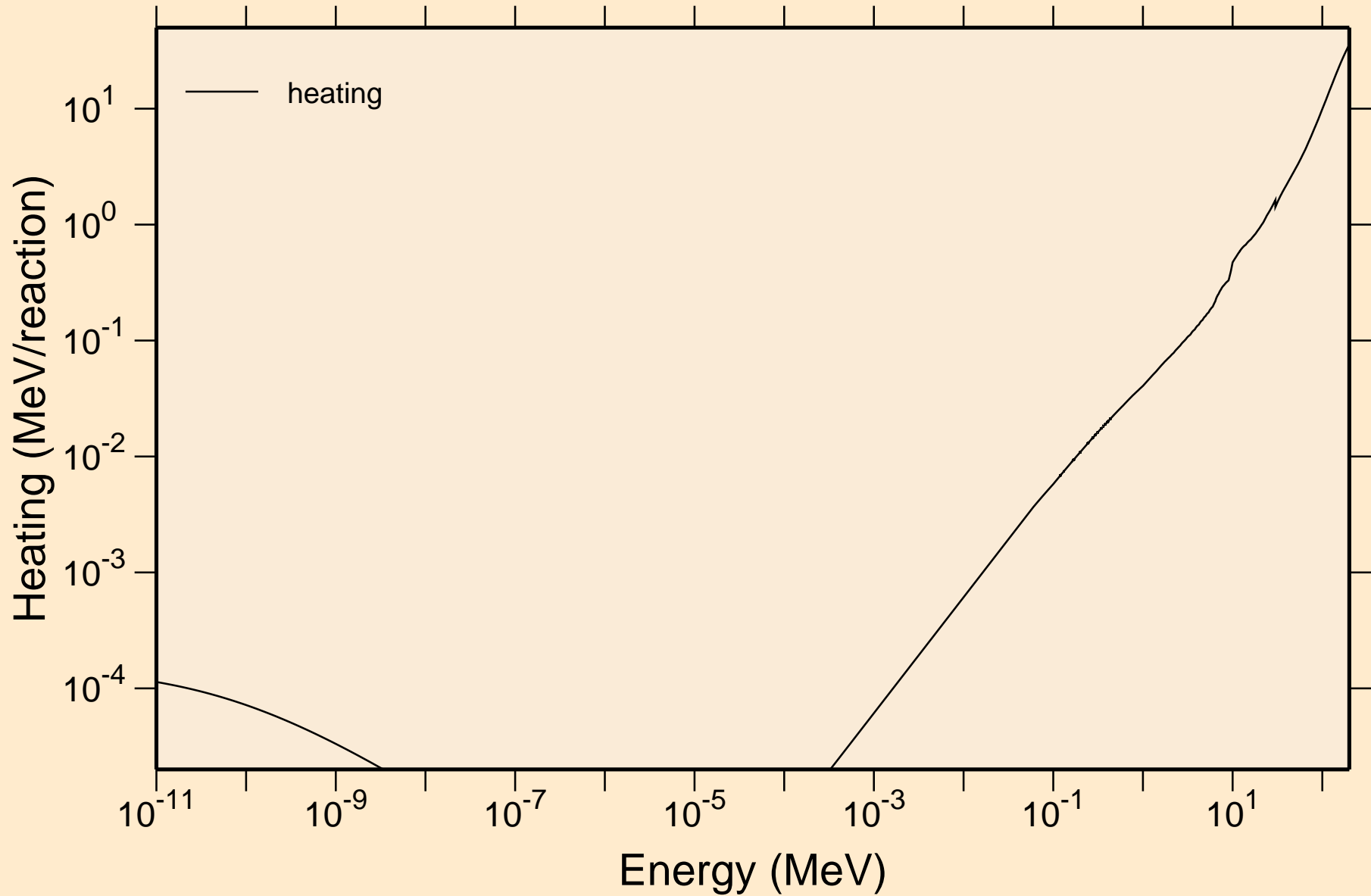


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



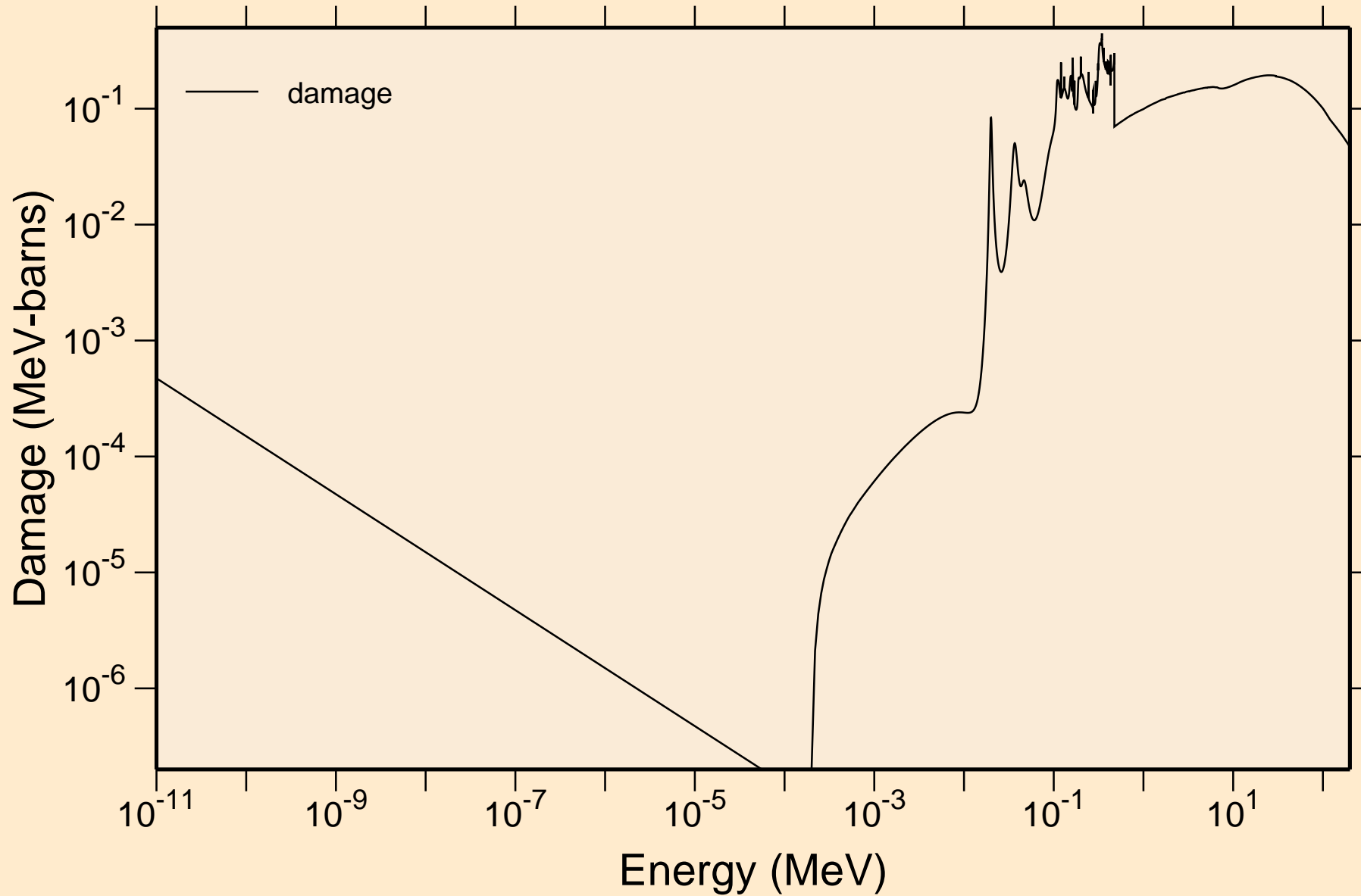
# SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

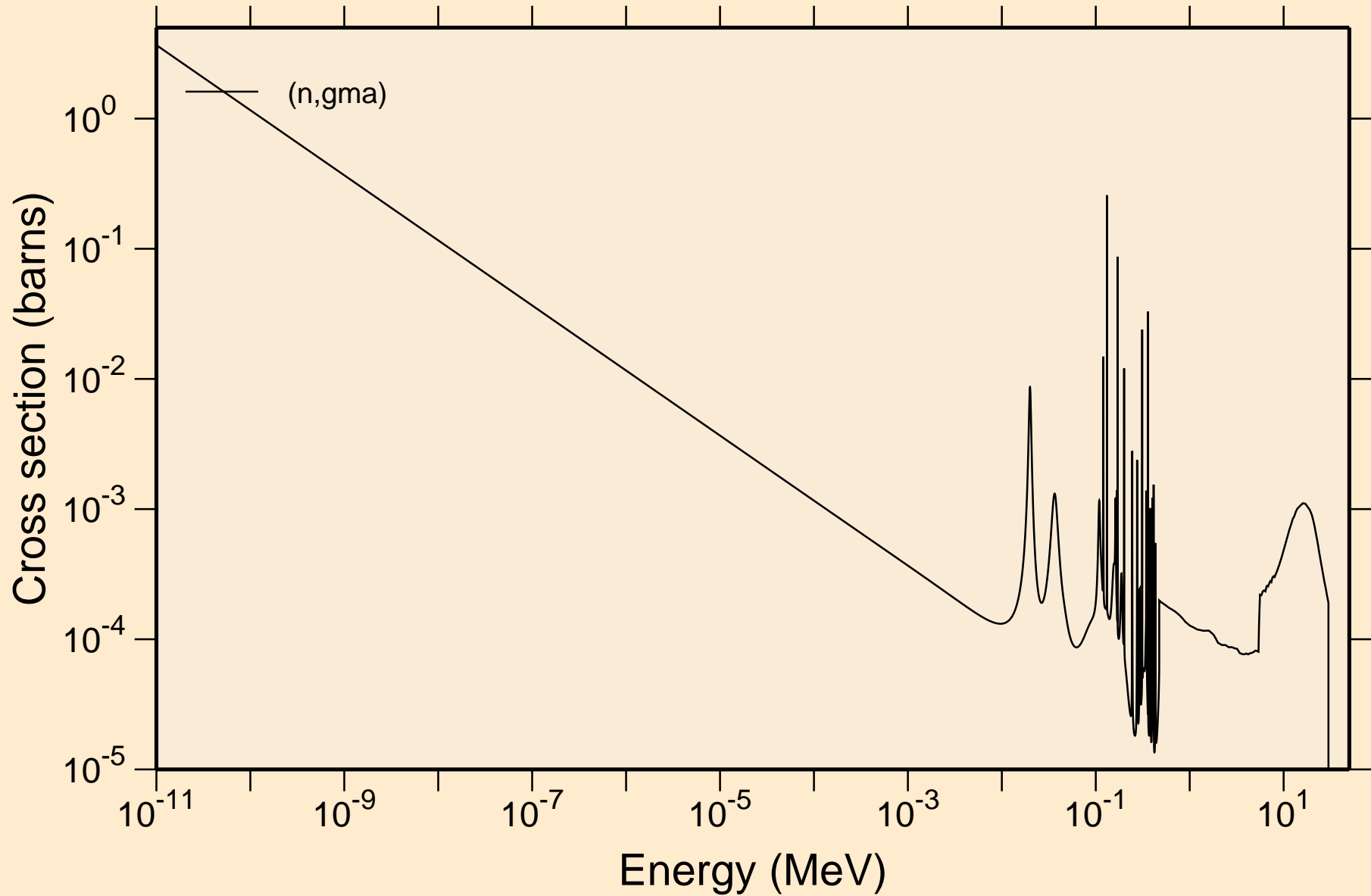




SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

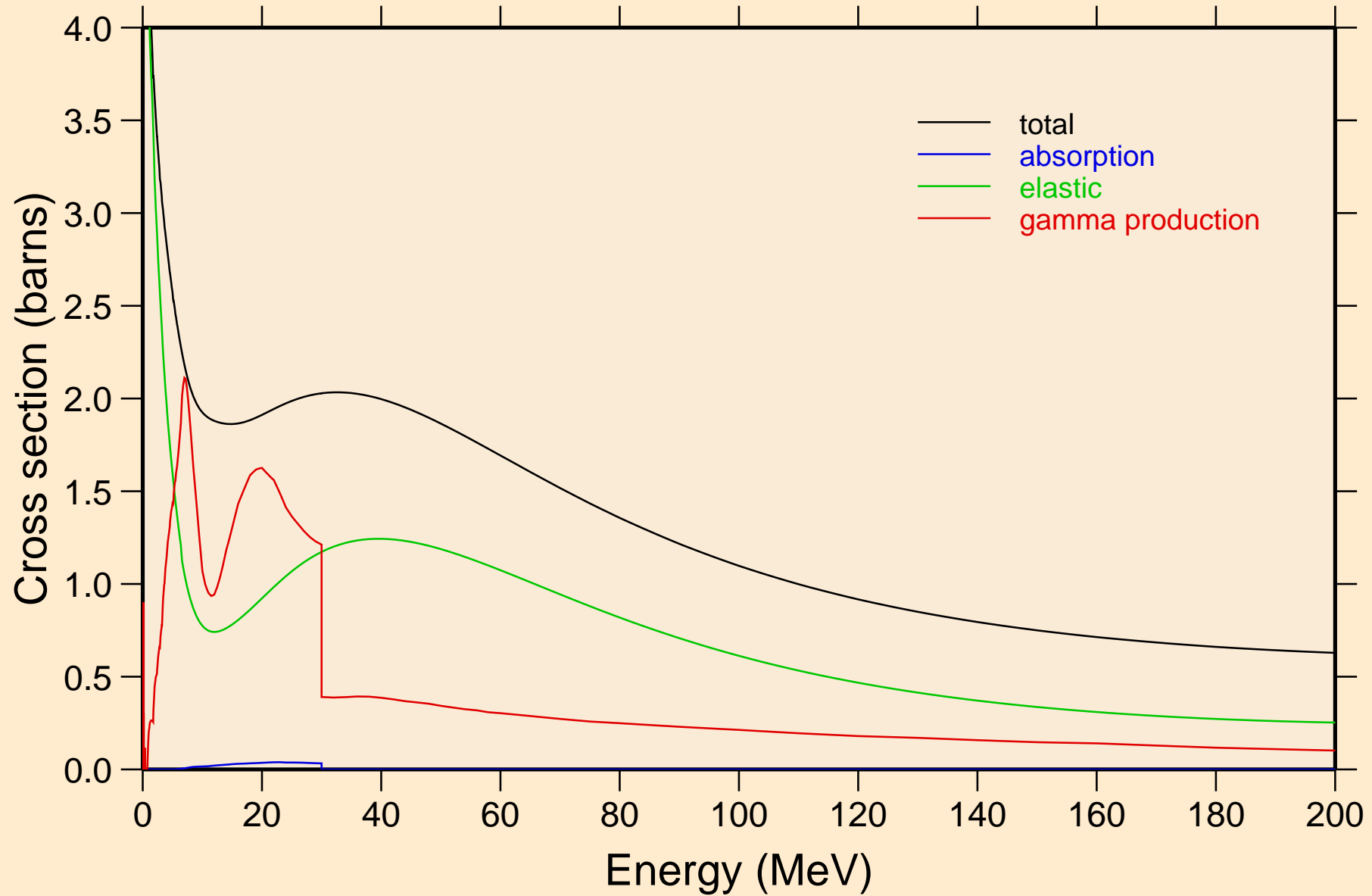


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



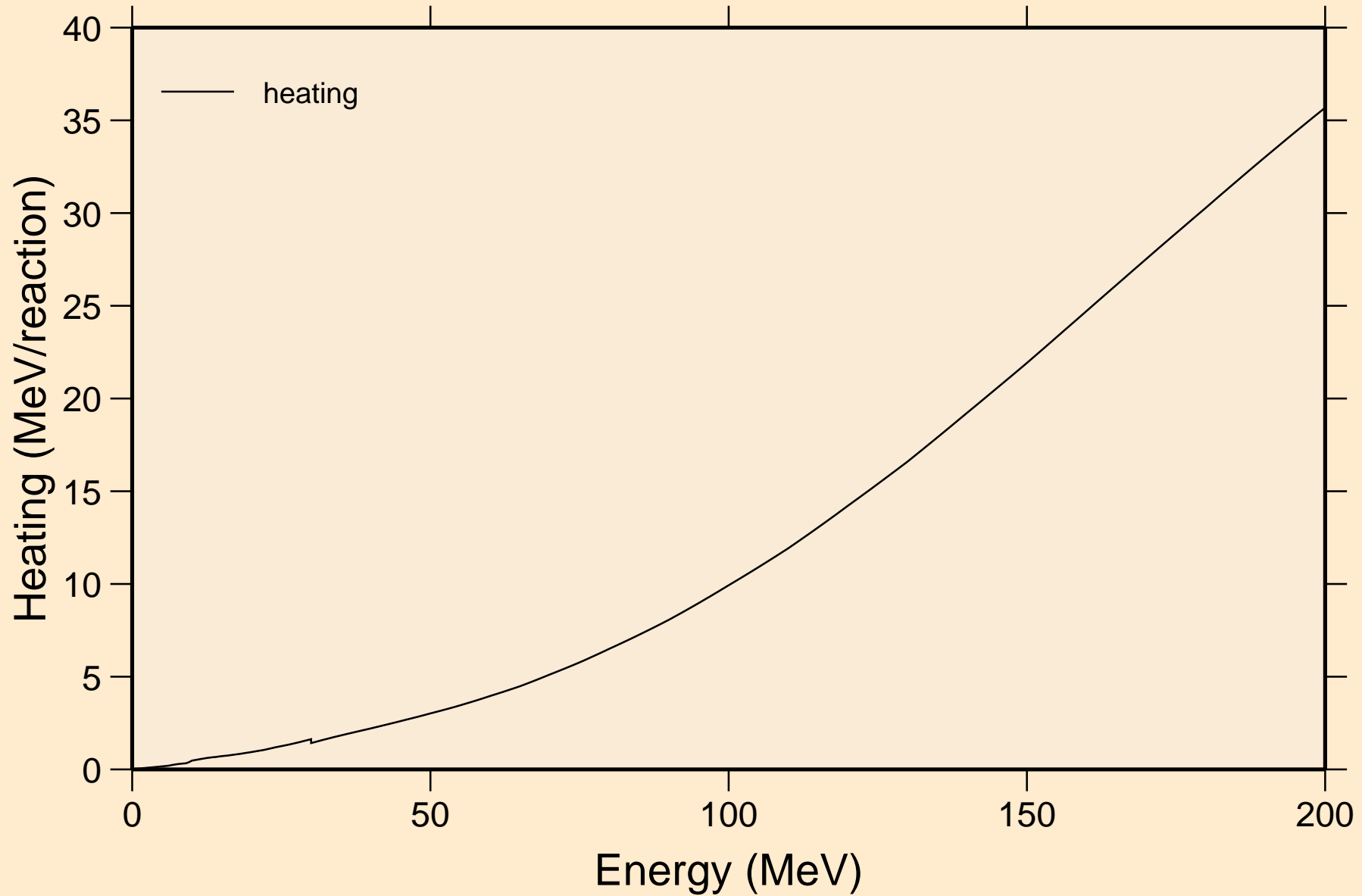
# SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



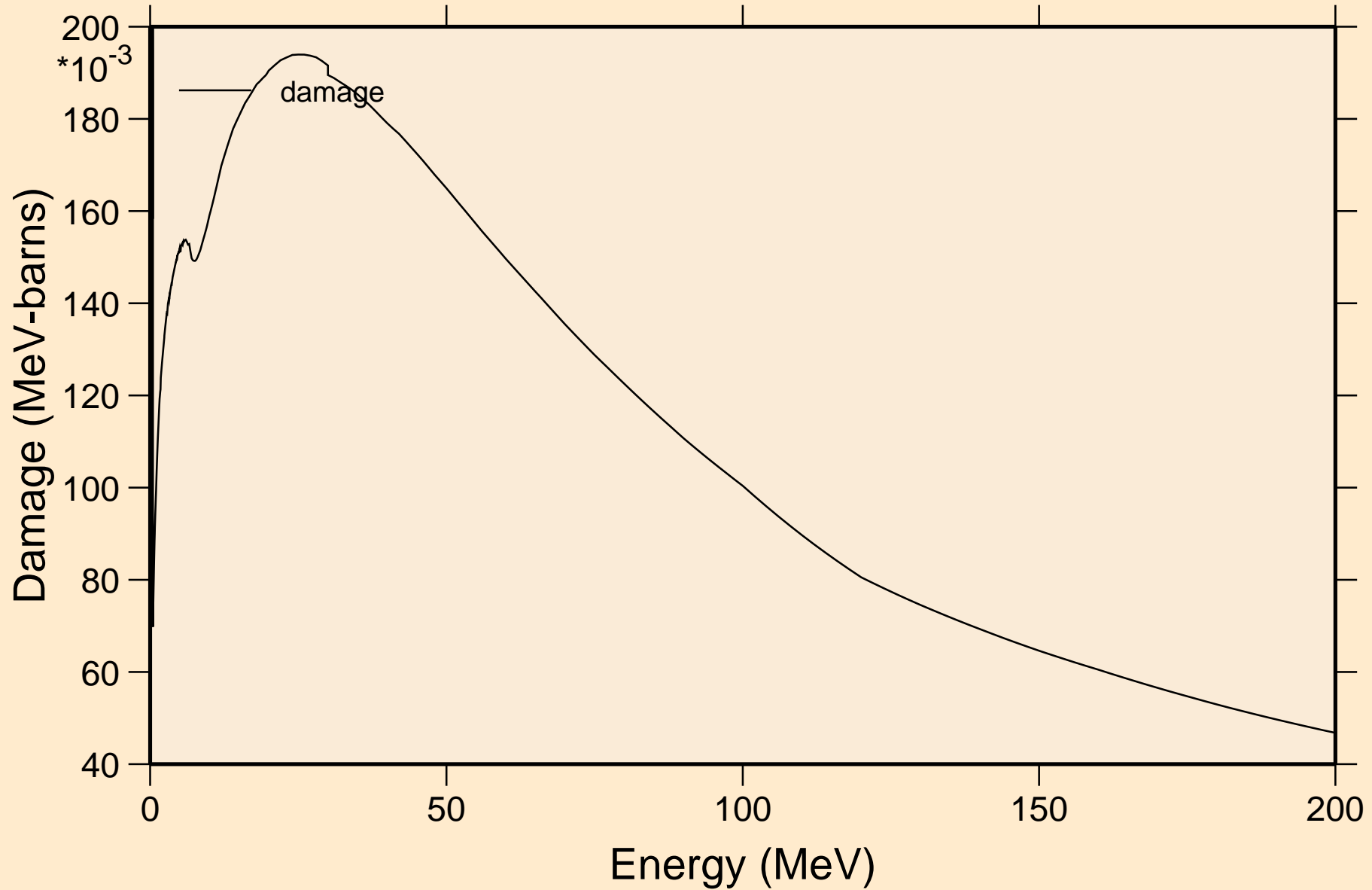
# SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

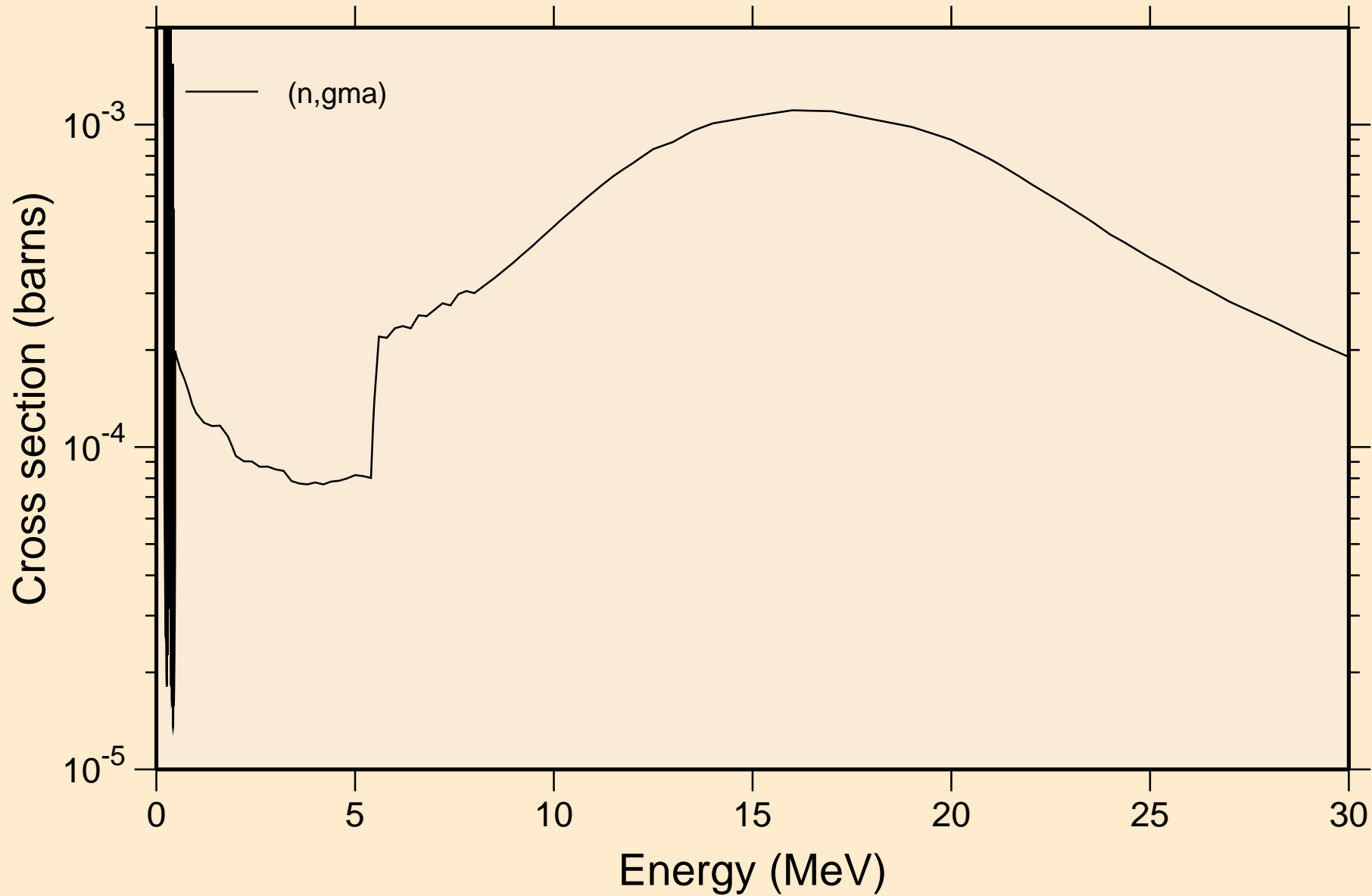


# SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

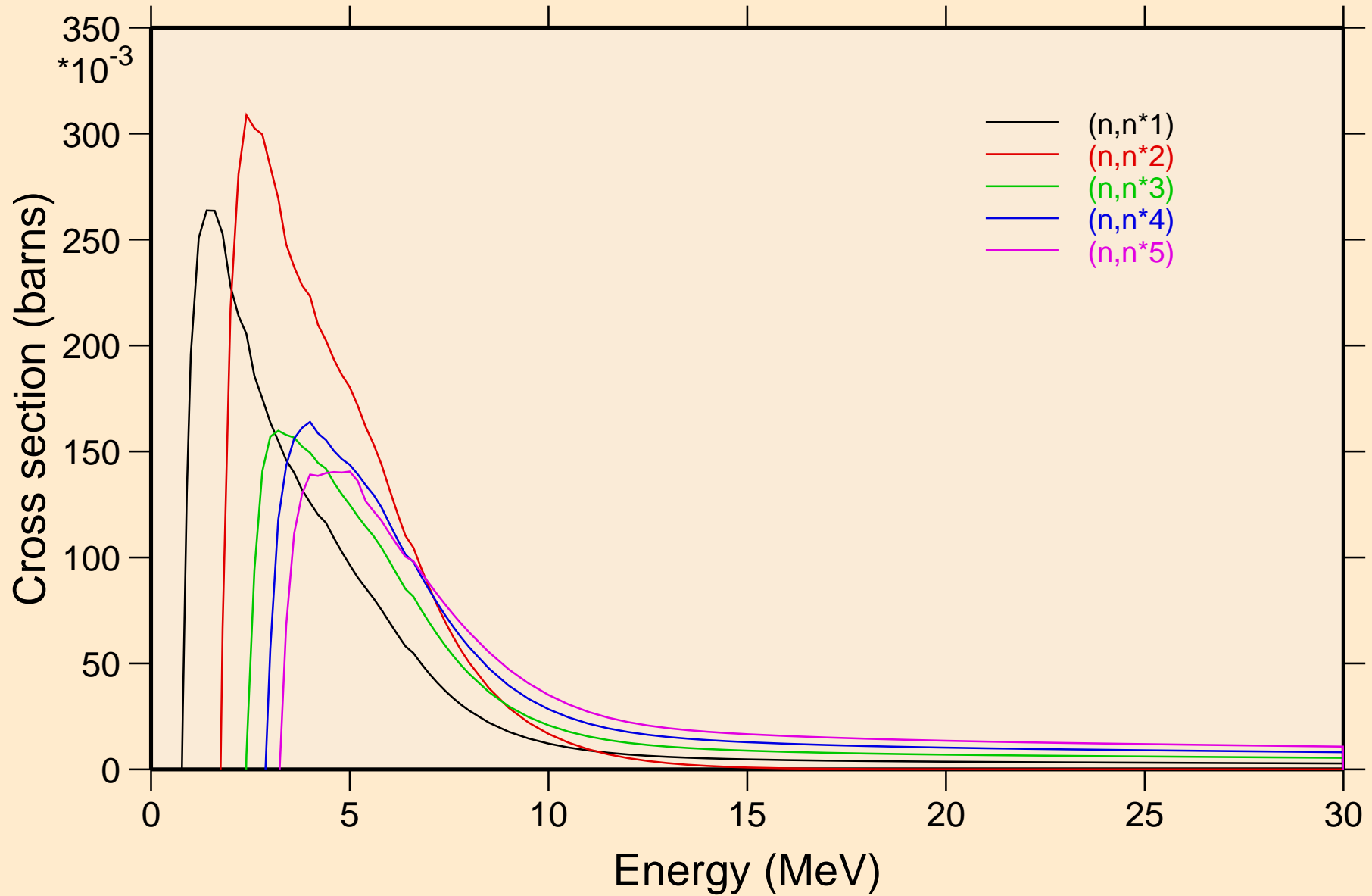
## Damage



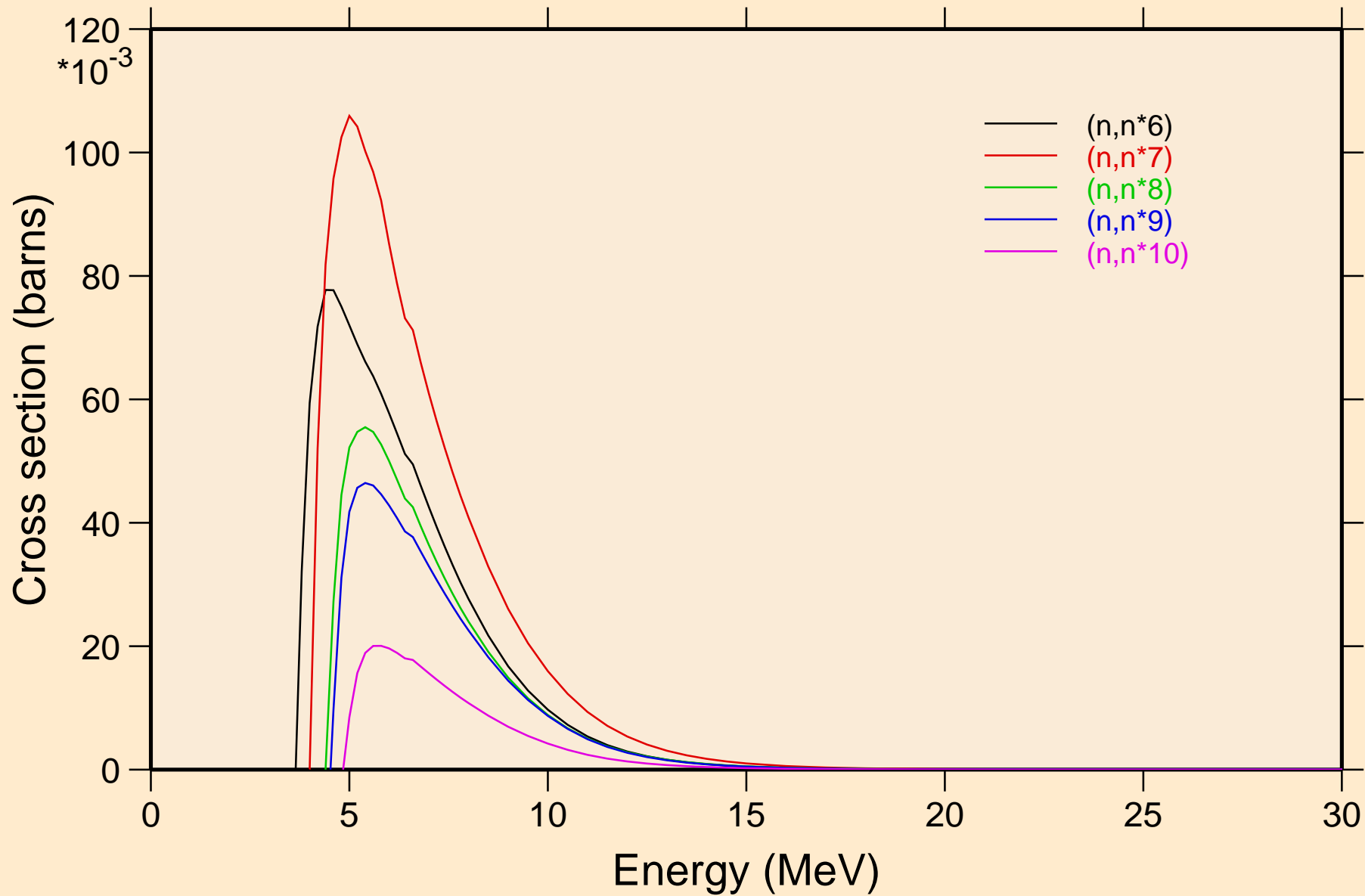
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

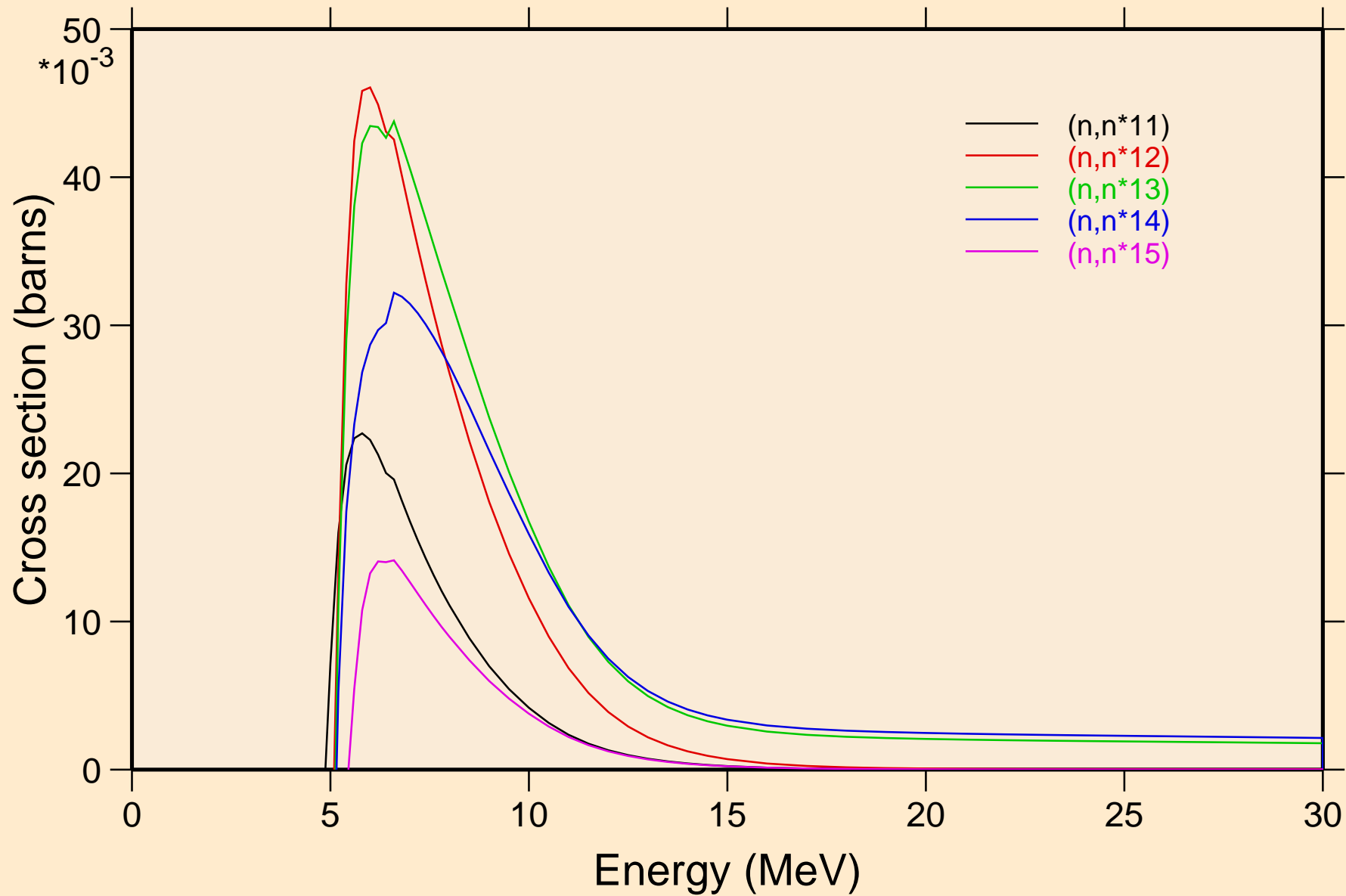


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

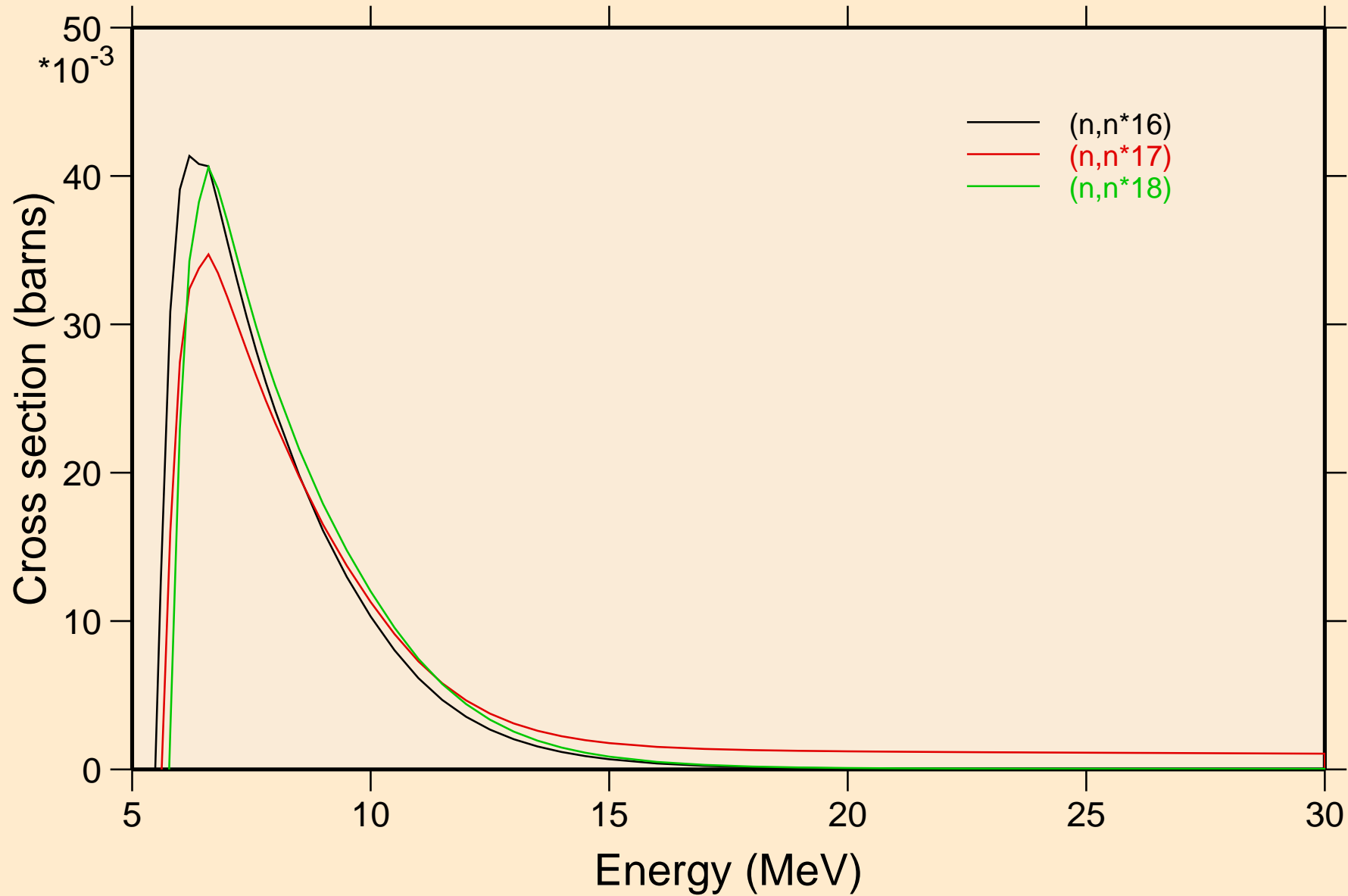




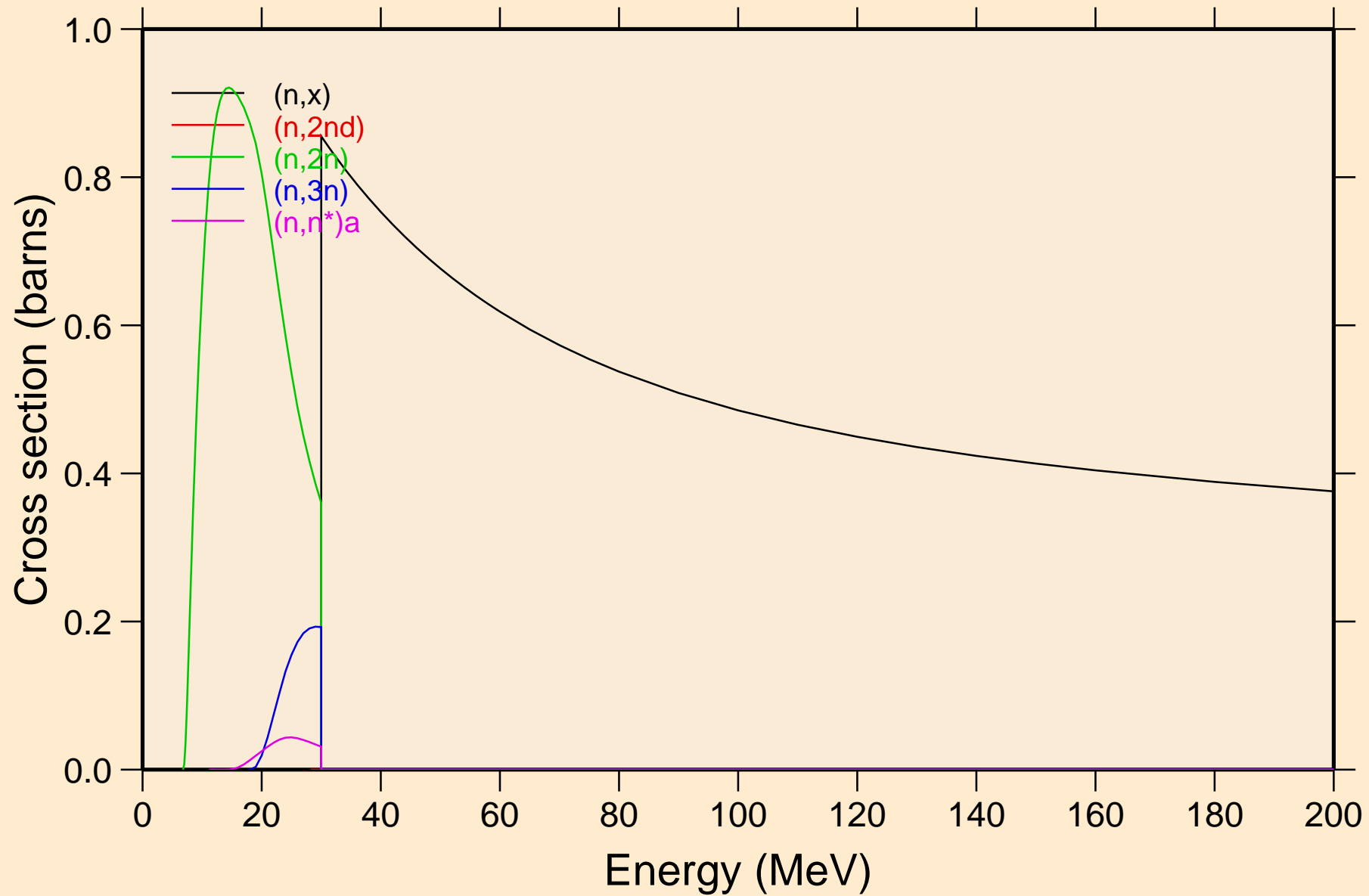
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

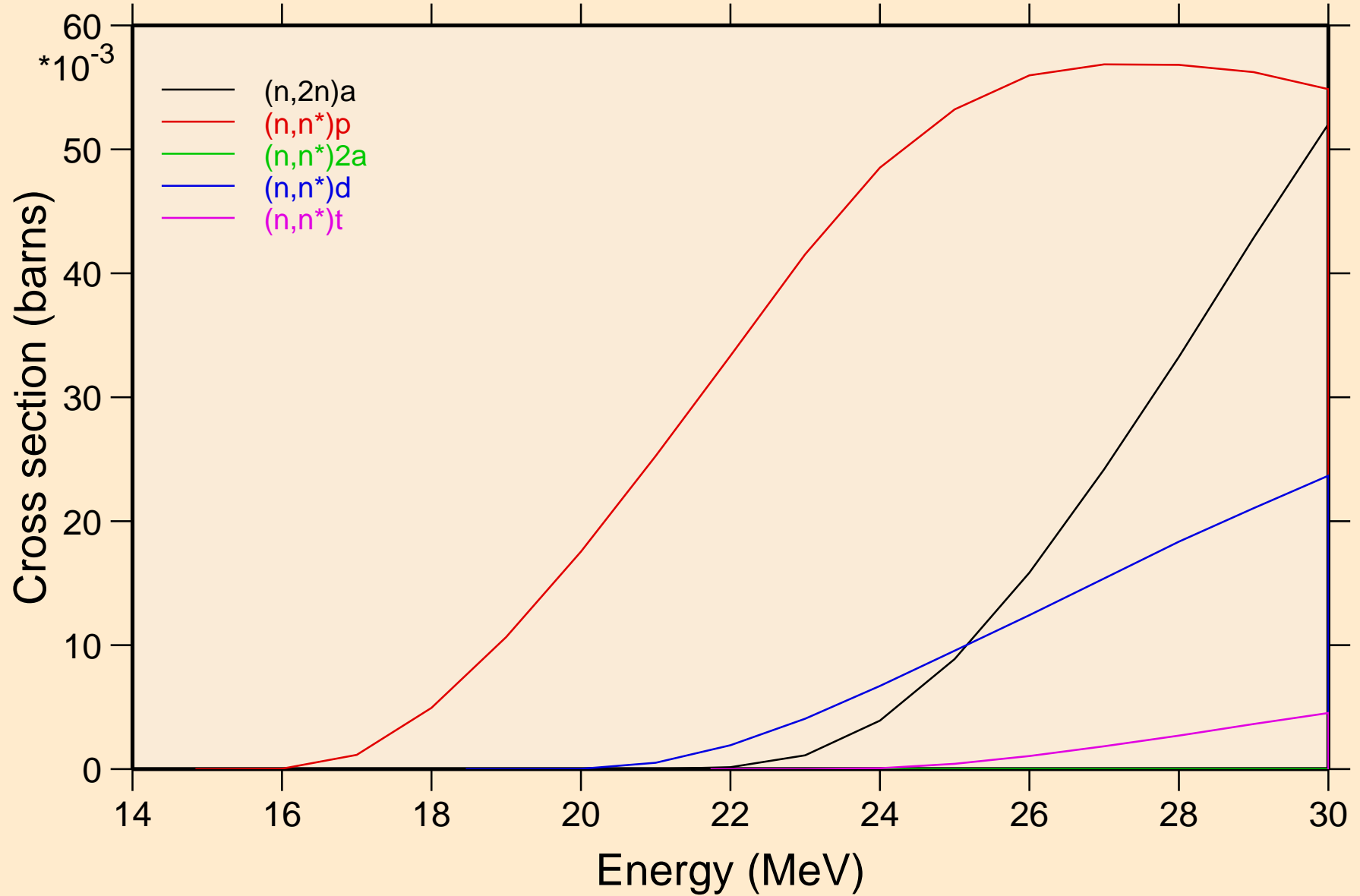


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



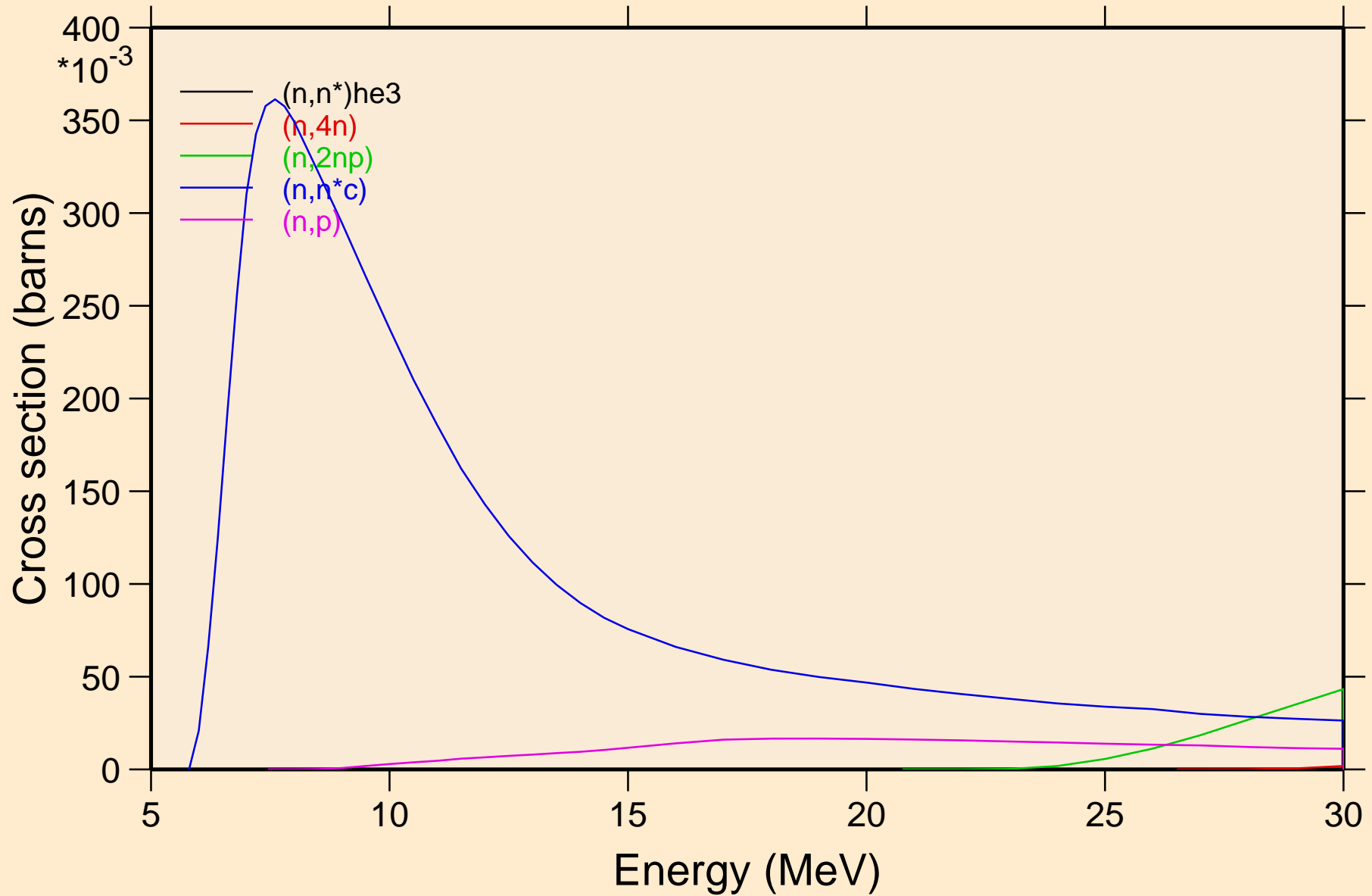
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## Threshold reactions

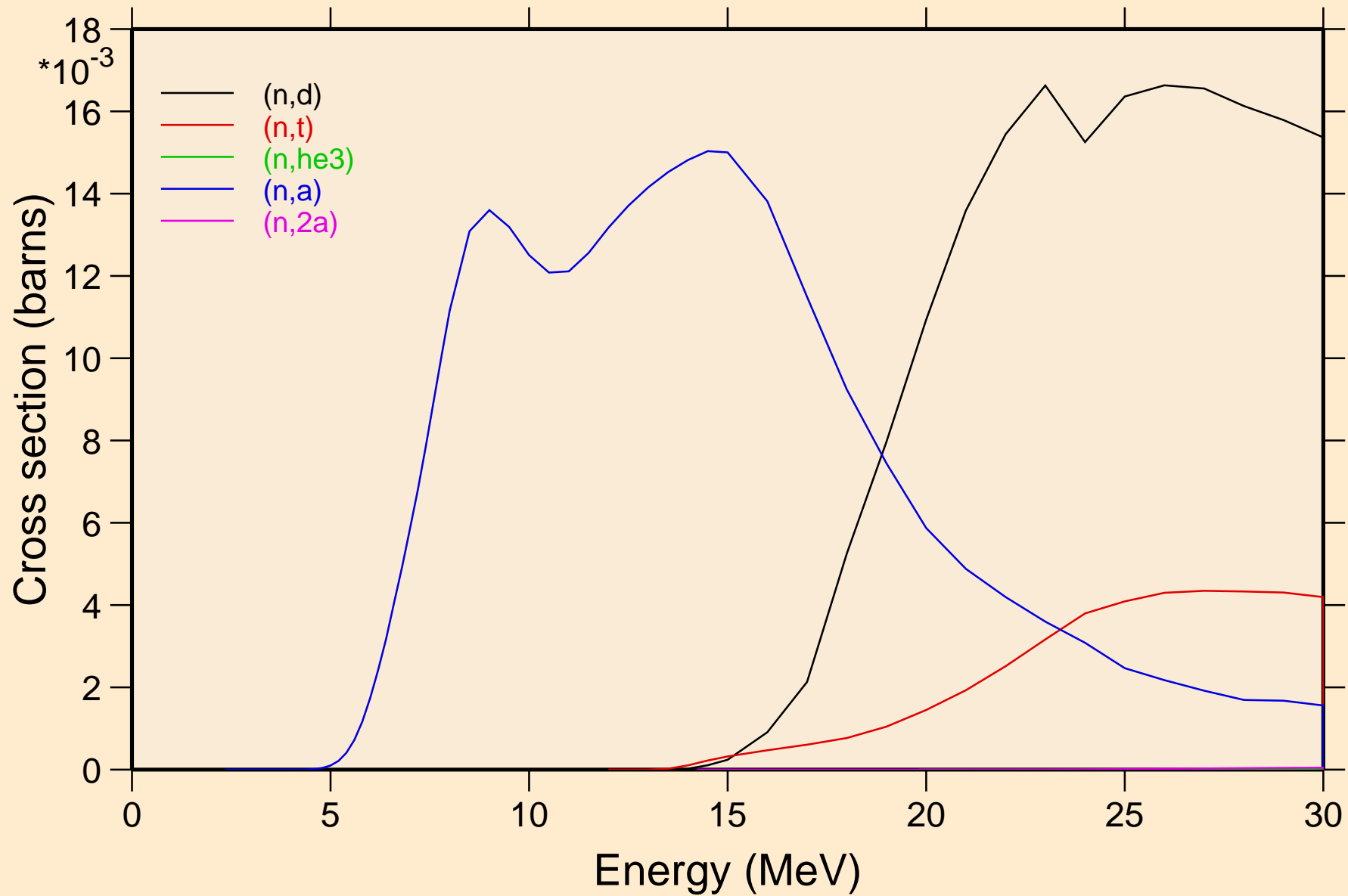


# SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

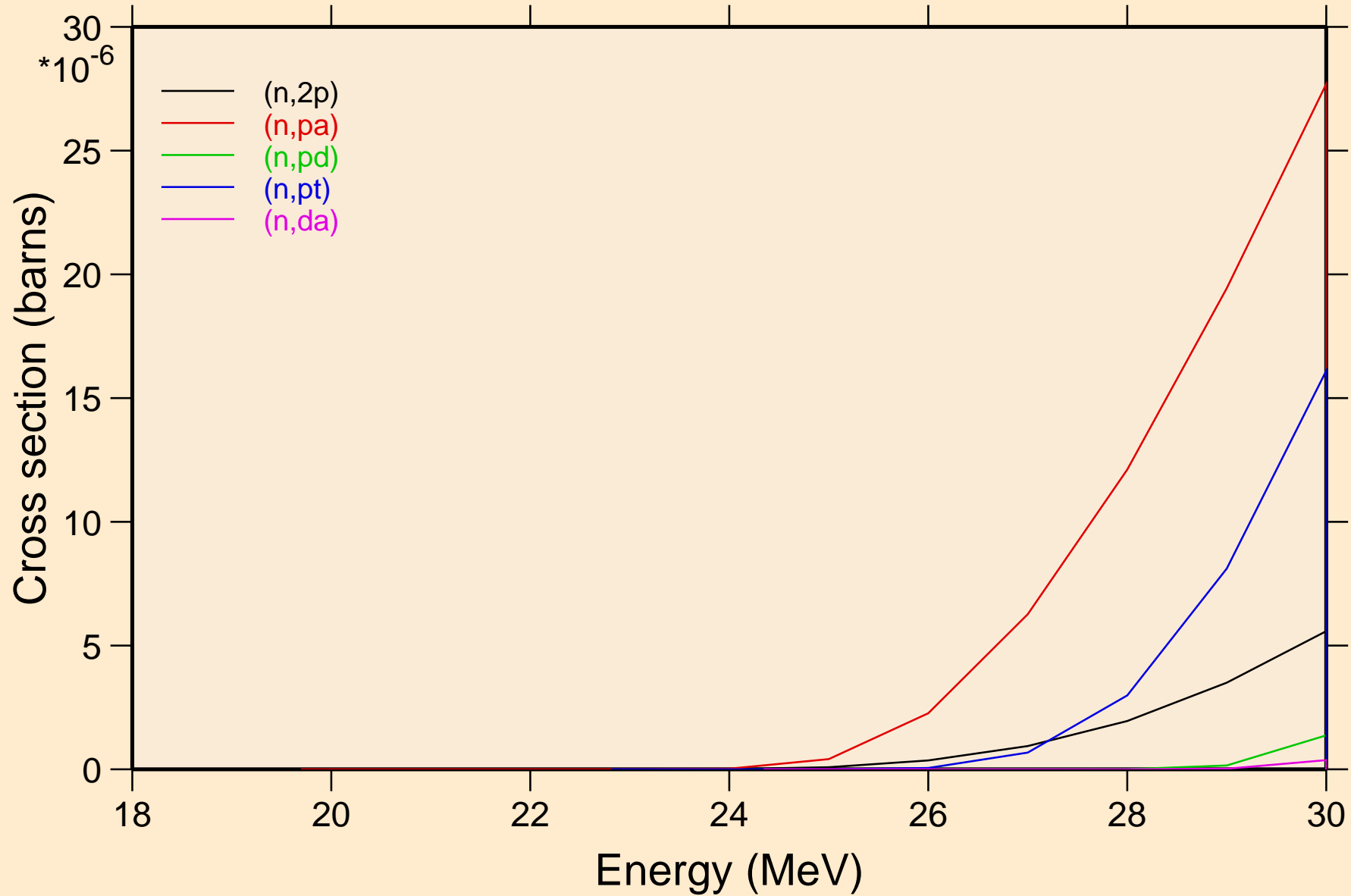
## Threshold reactions



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

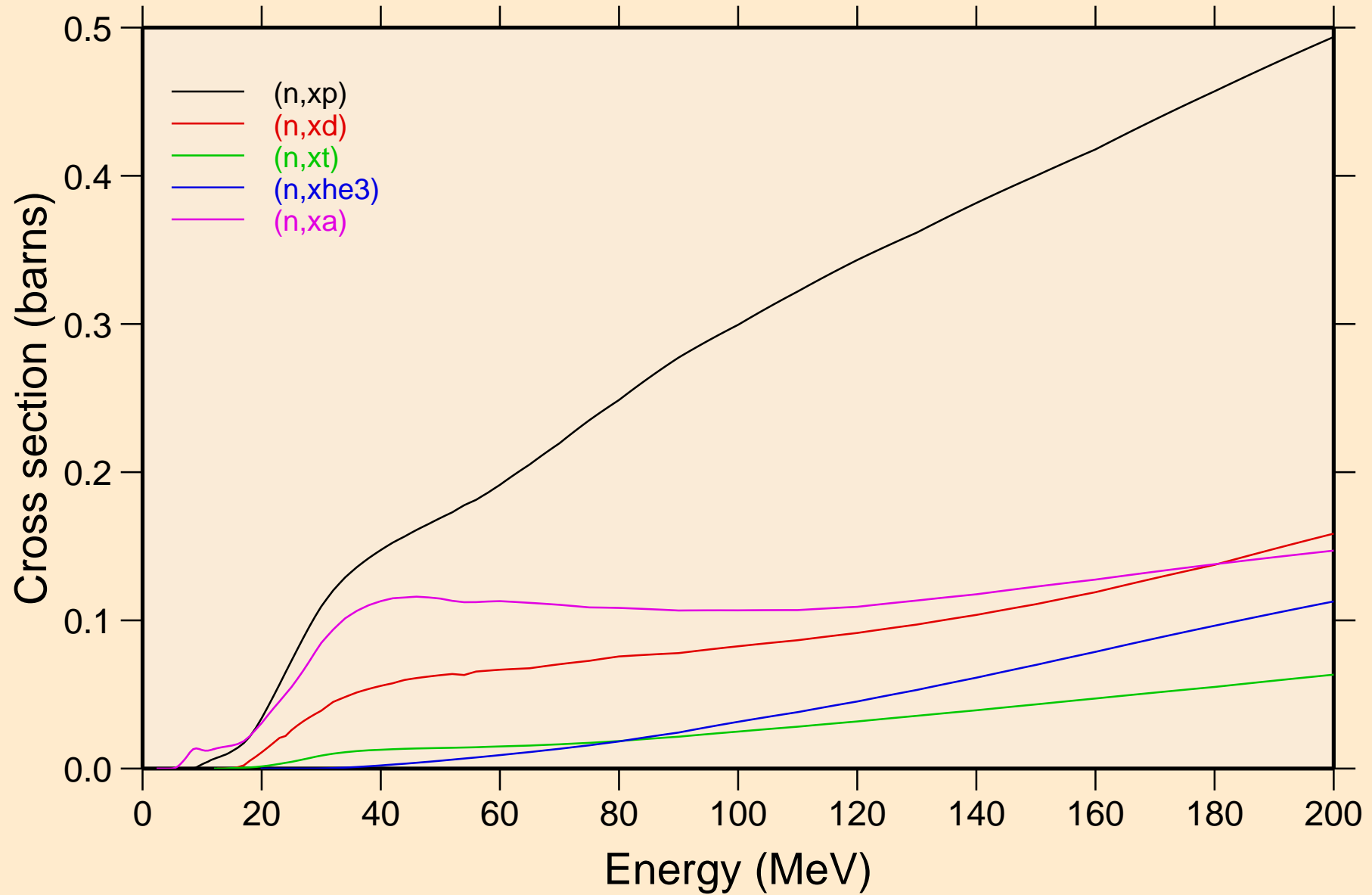


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



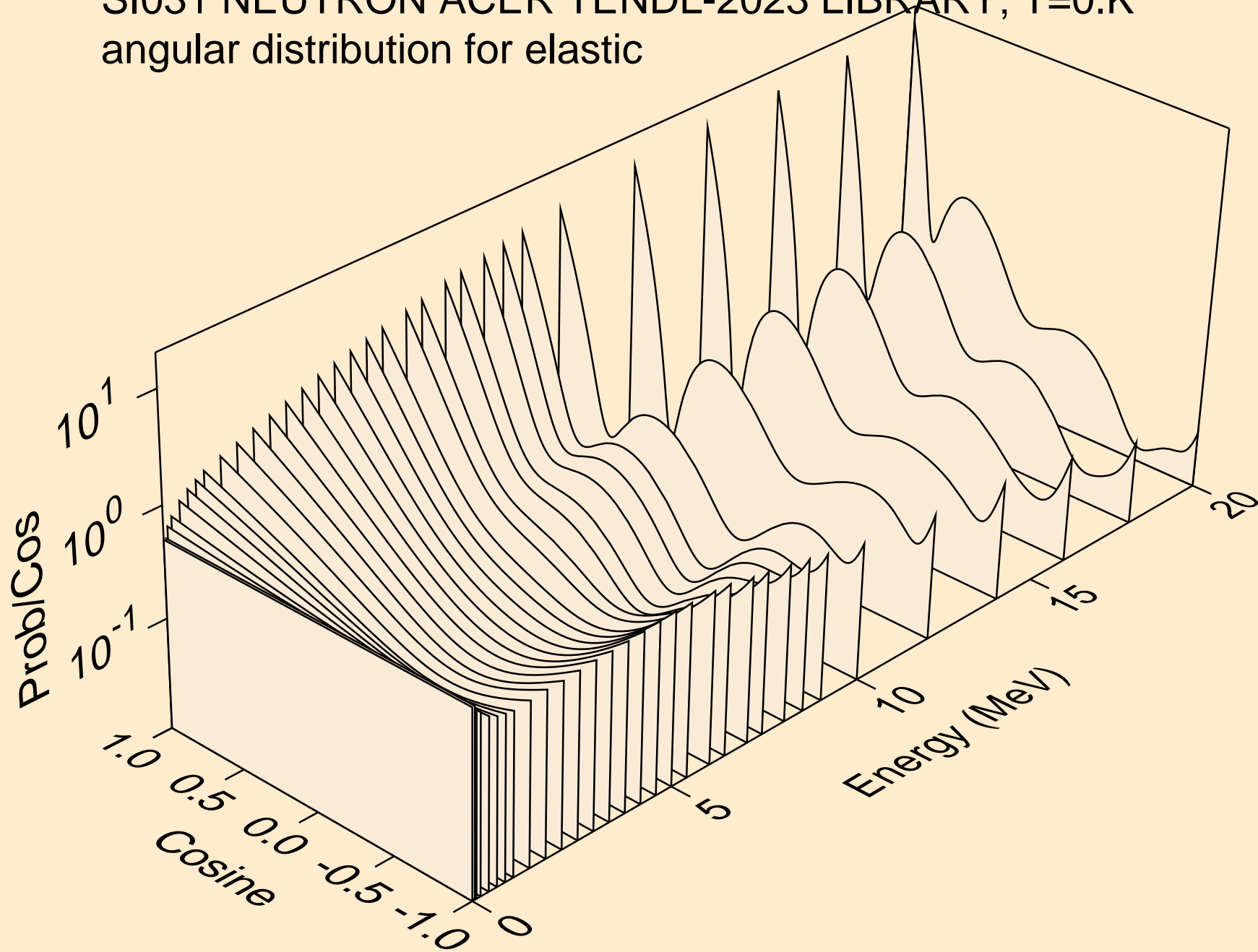
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## Threshold reactions

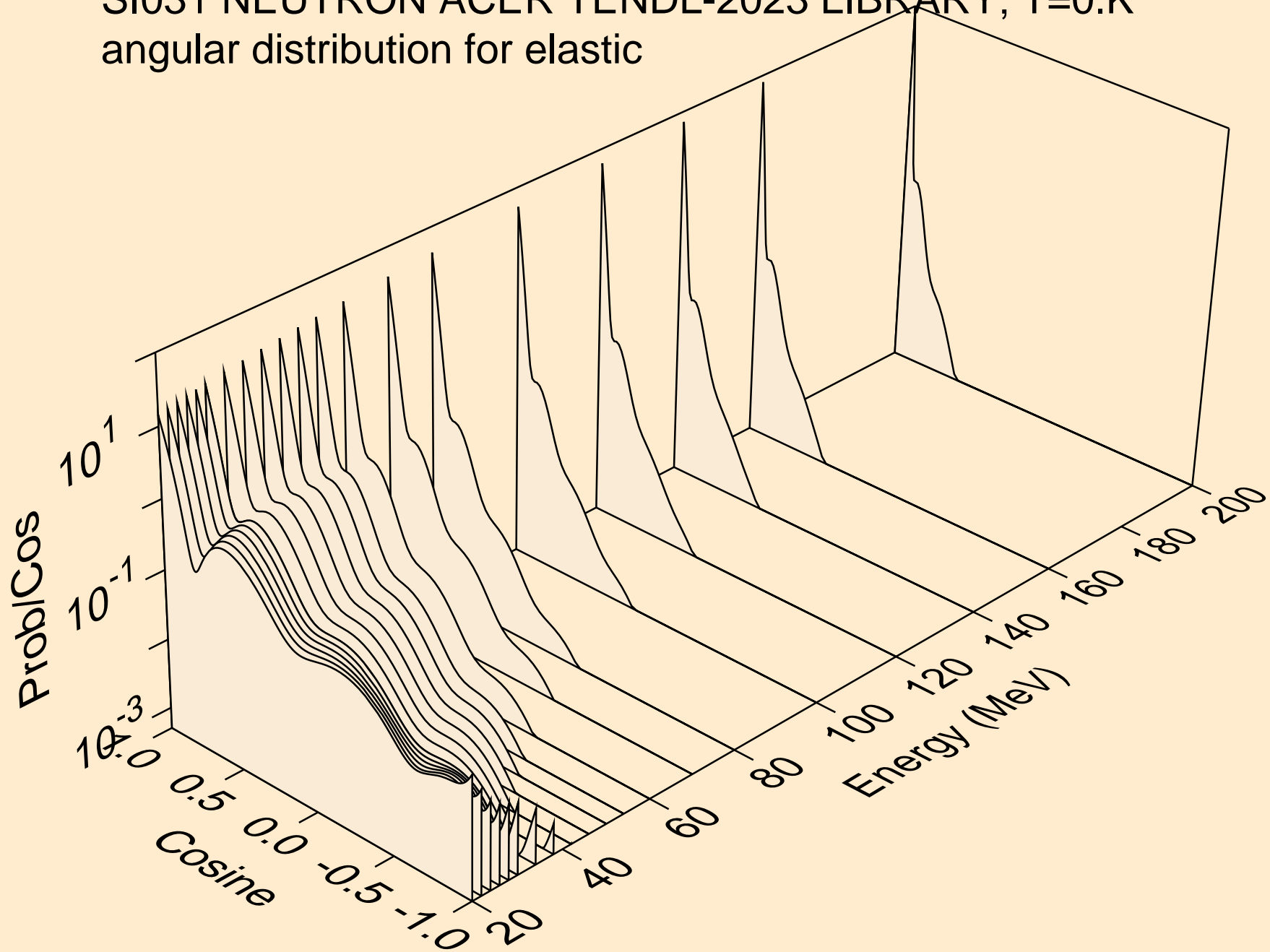




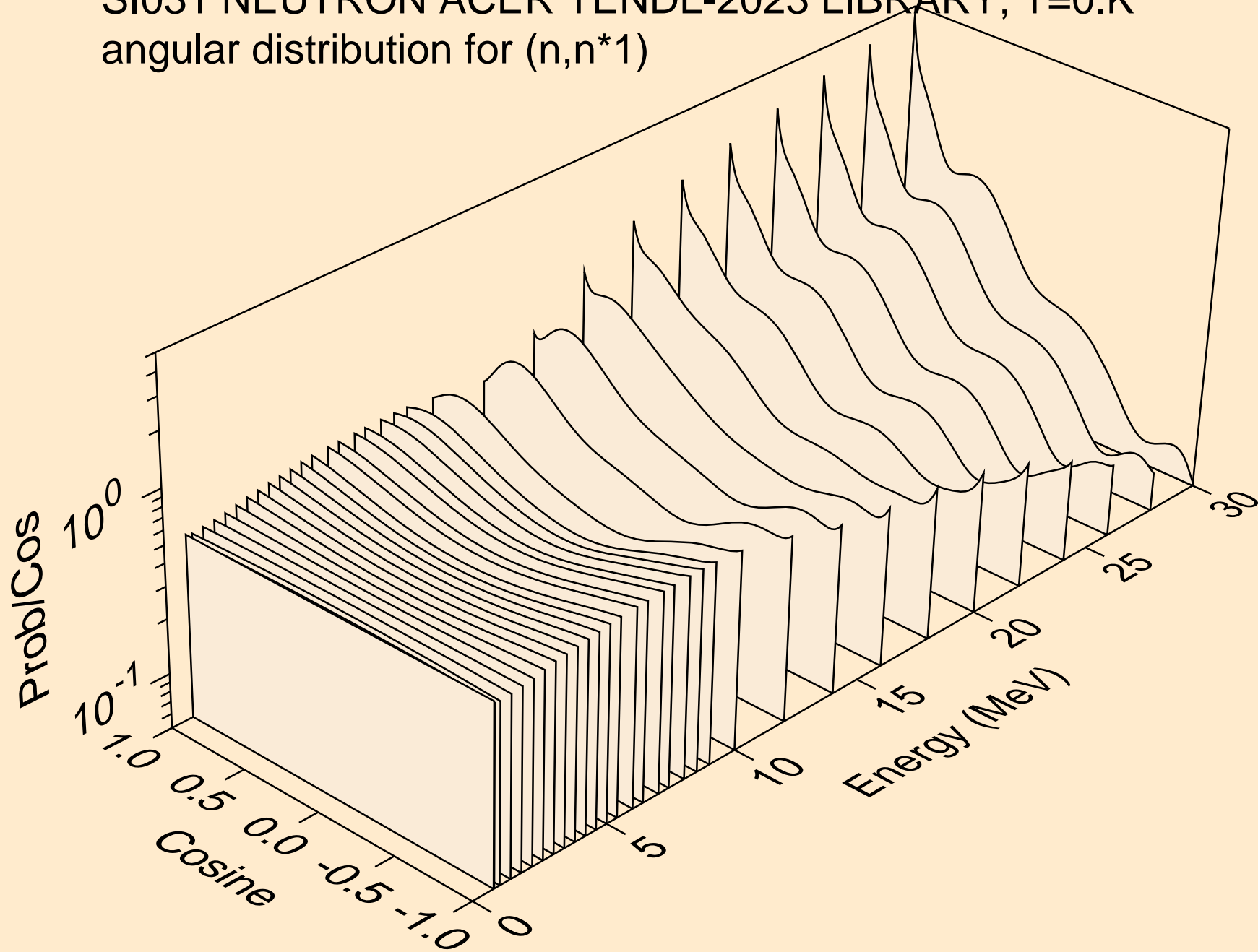
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



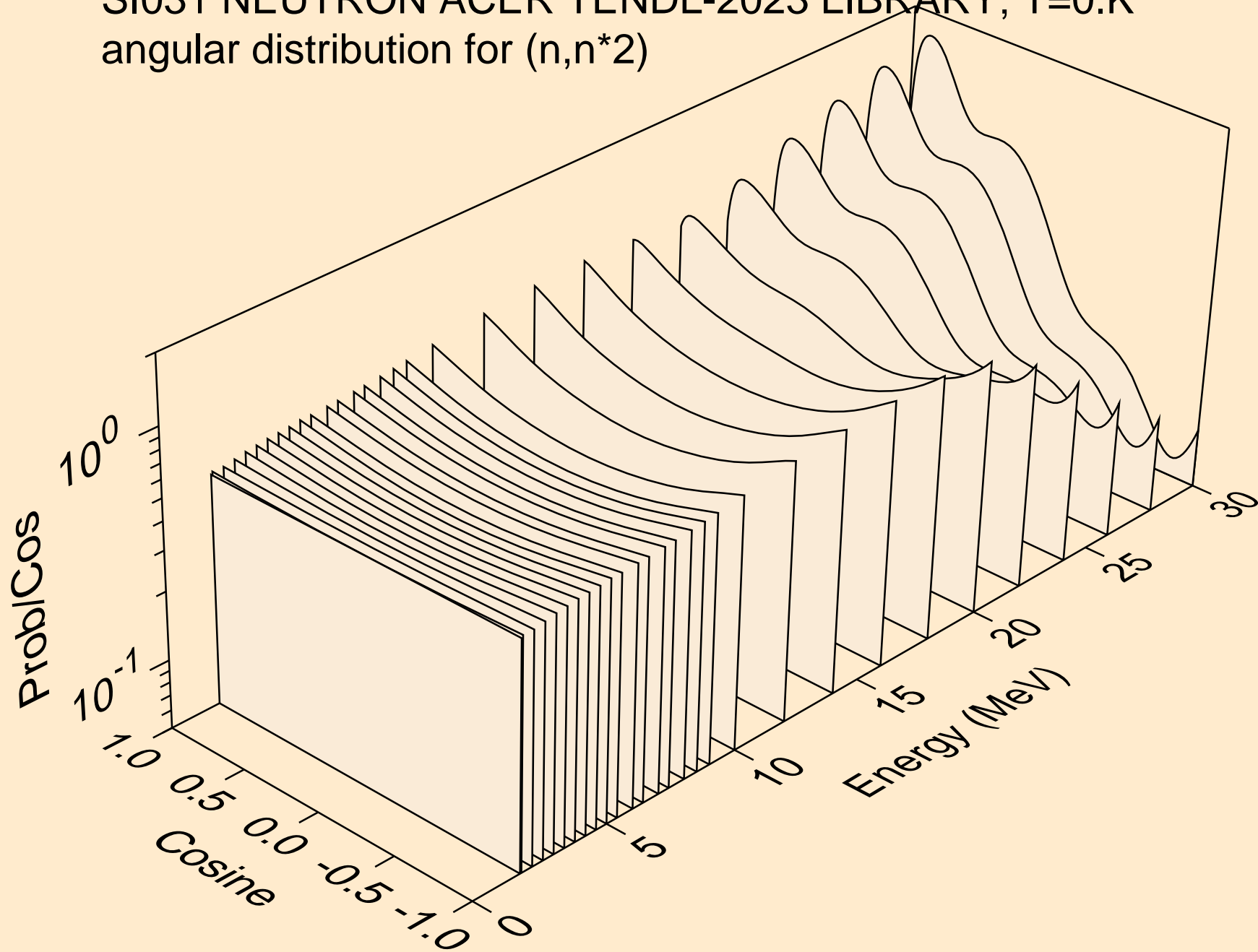
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



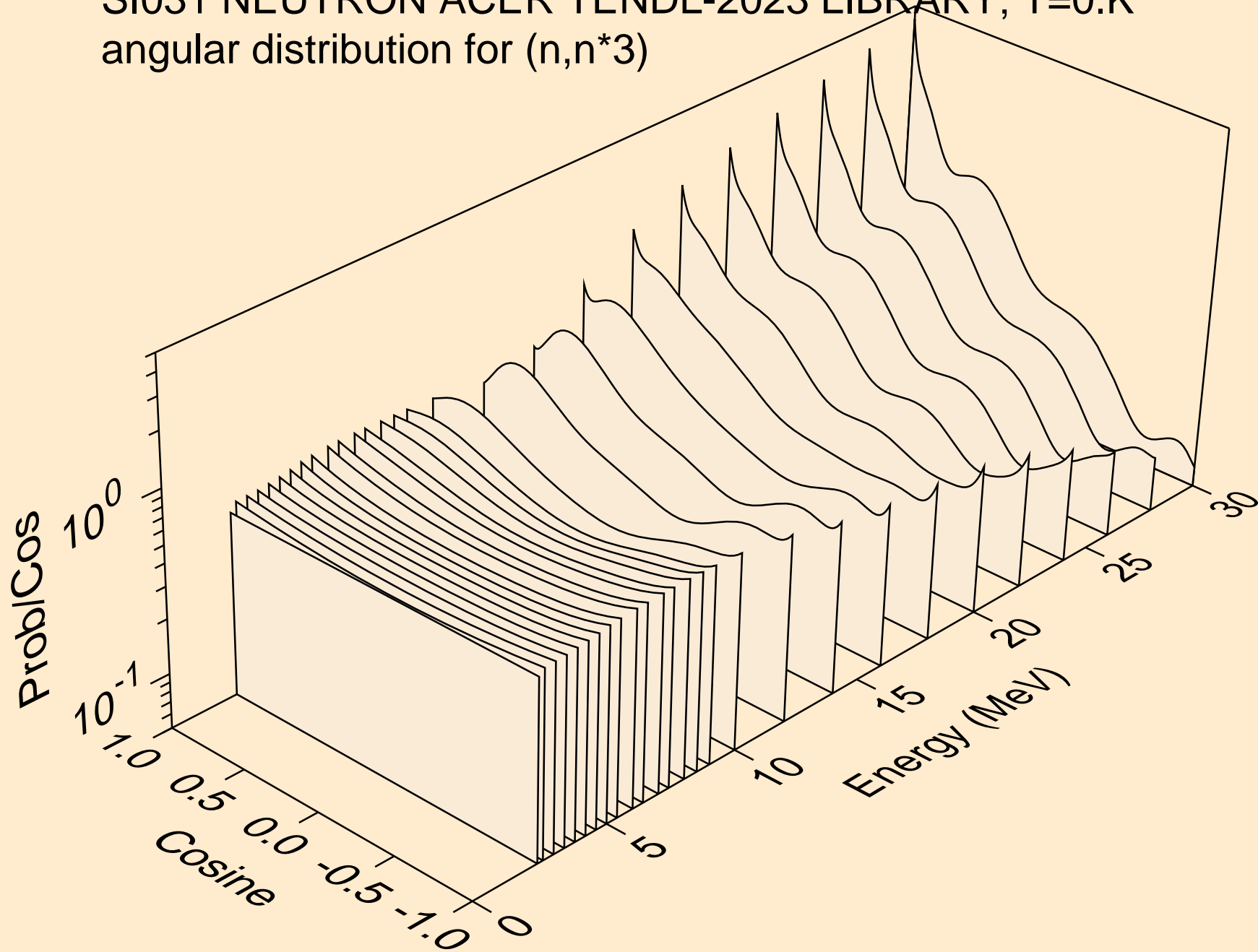
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



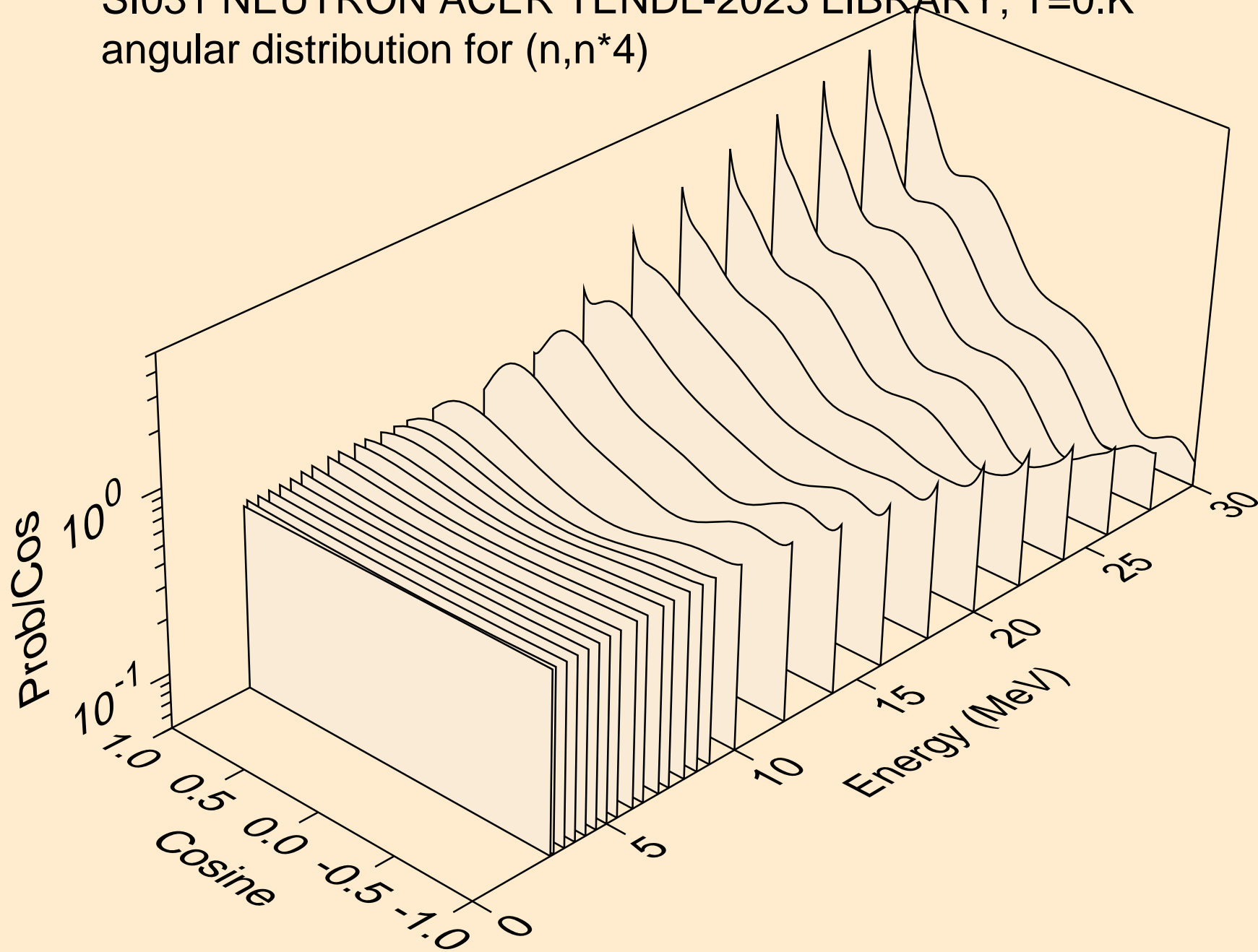
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



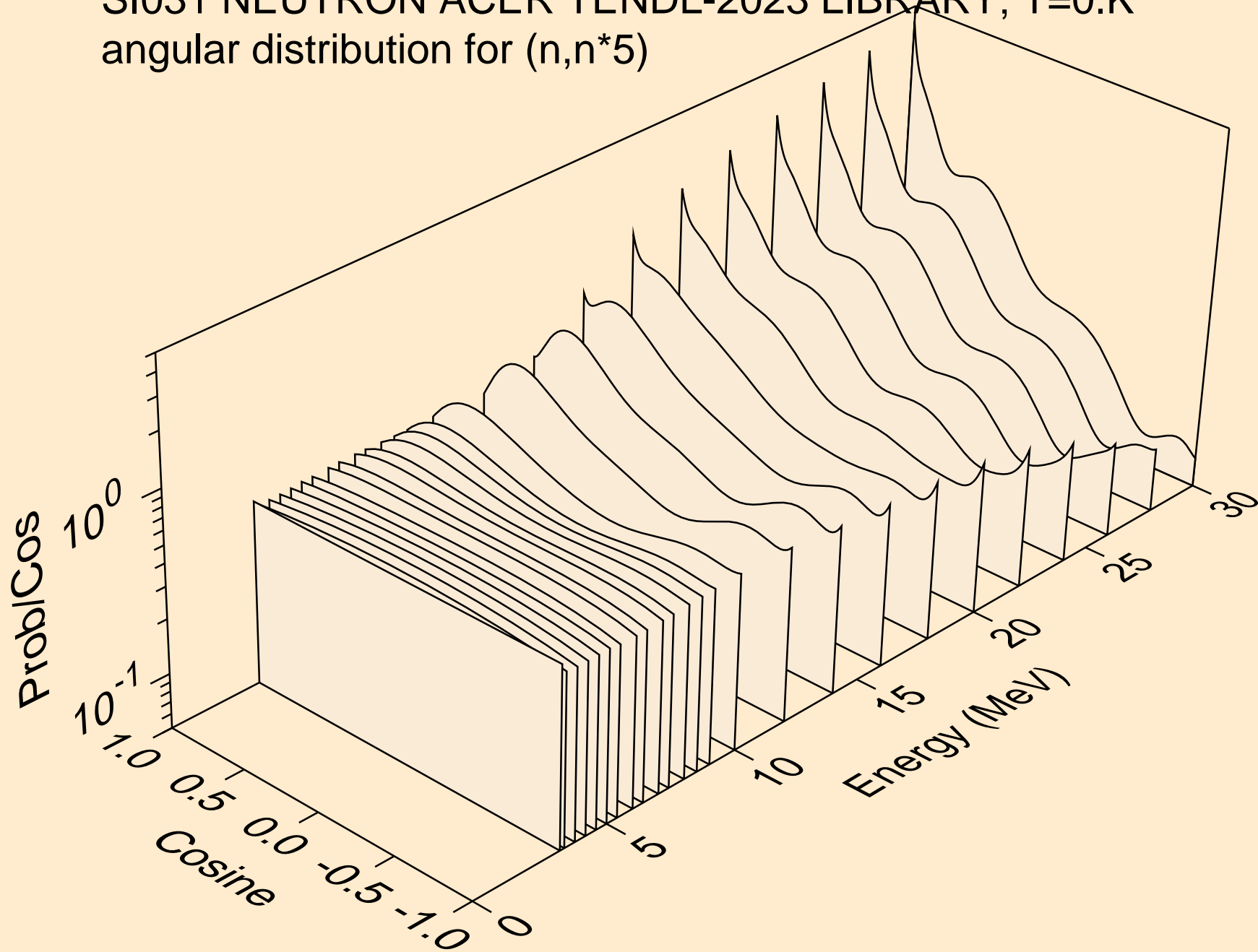
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angular distribution for (n,n\*3)



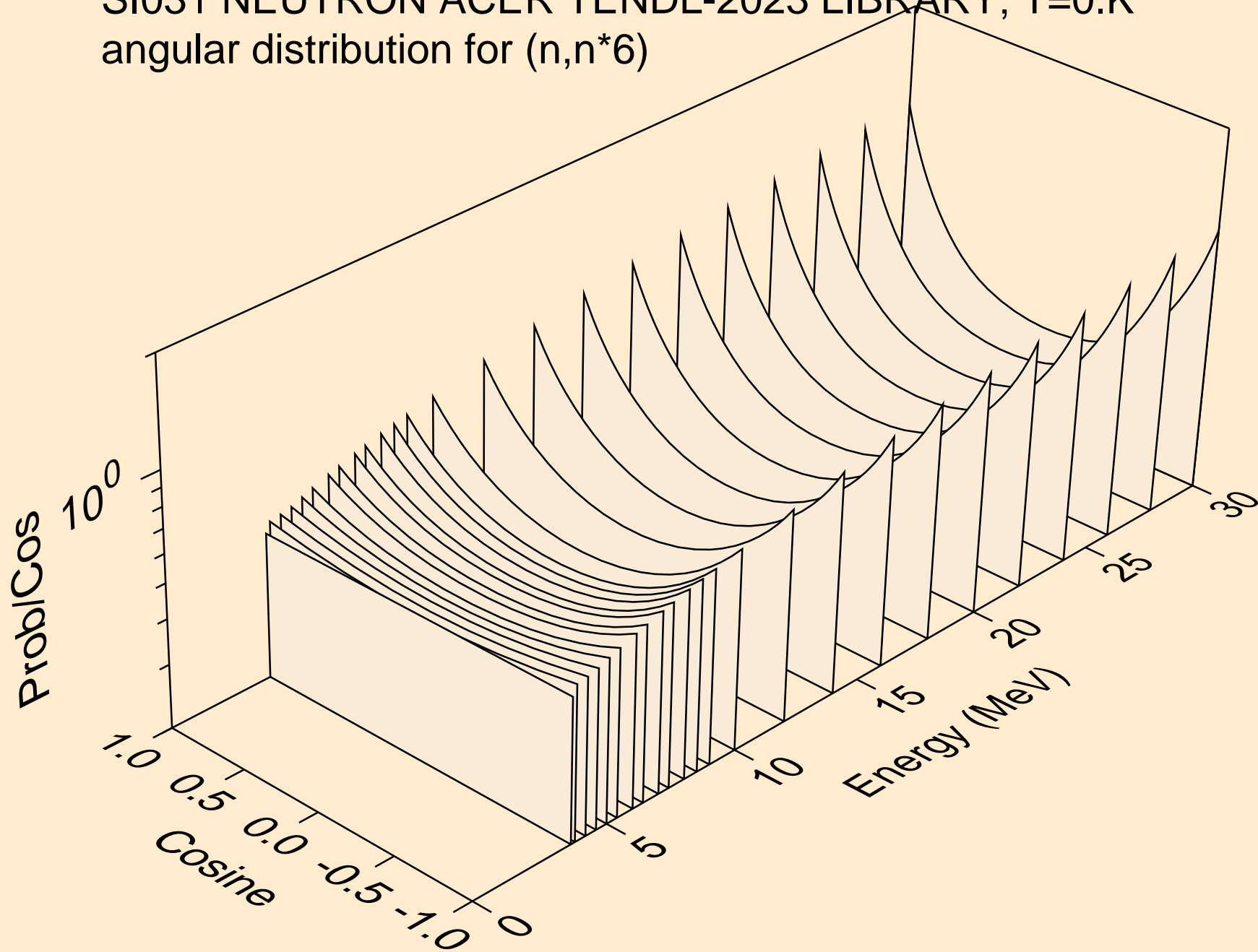
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

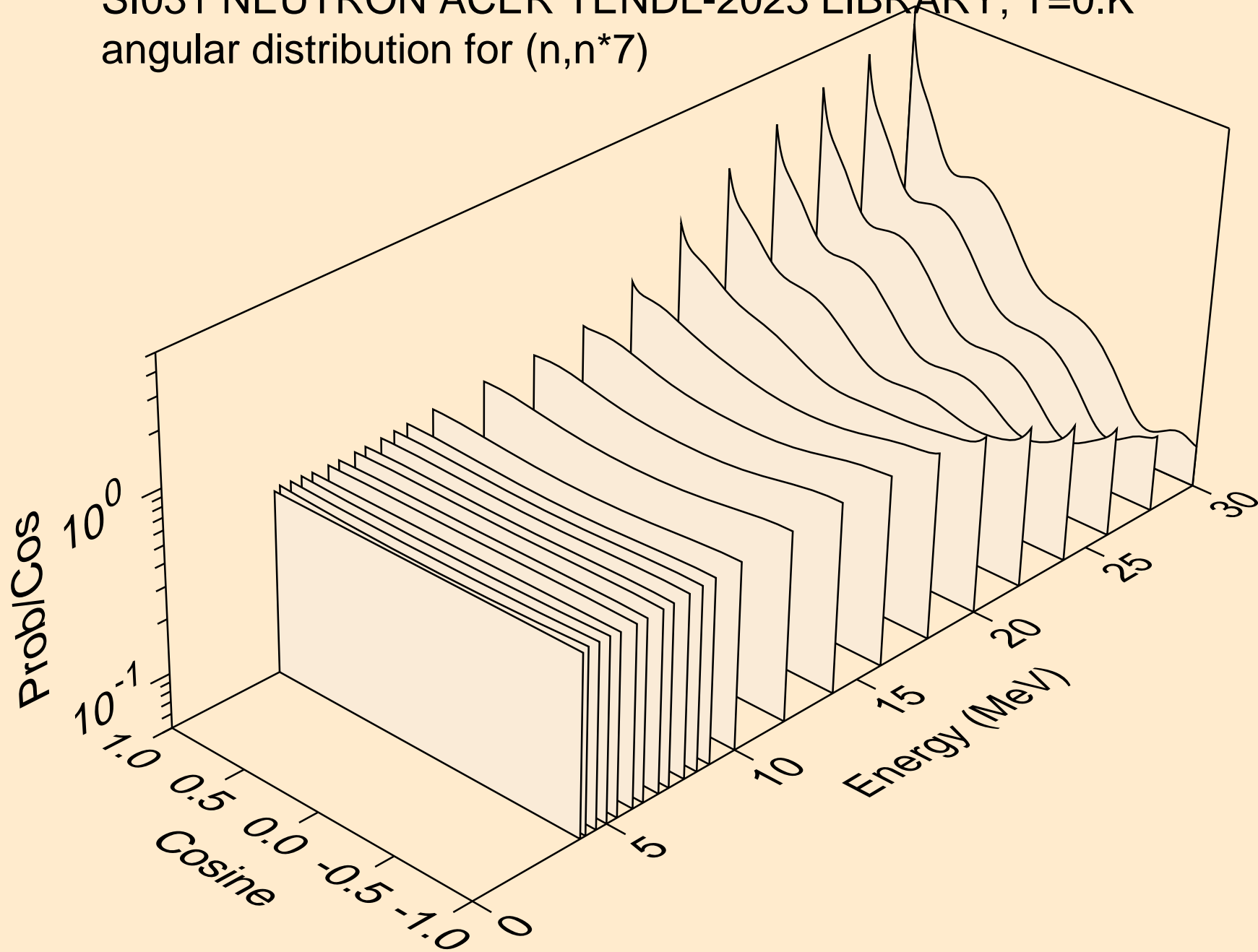


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angular distribution for (n,n\*6)

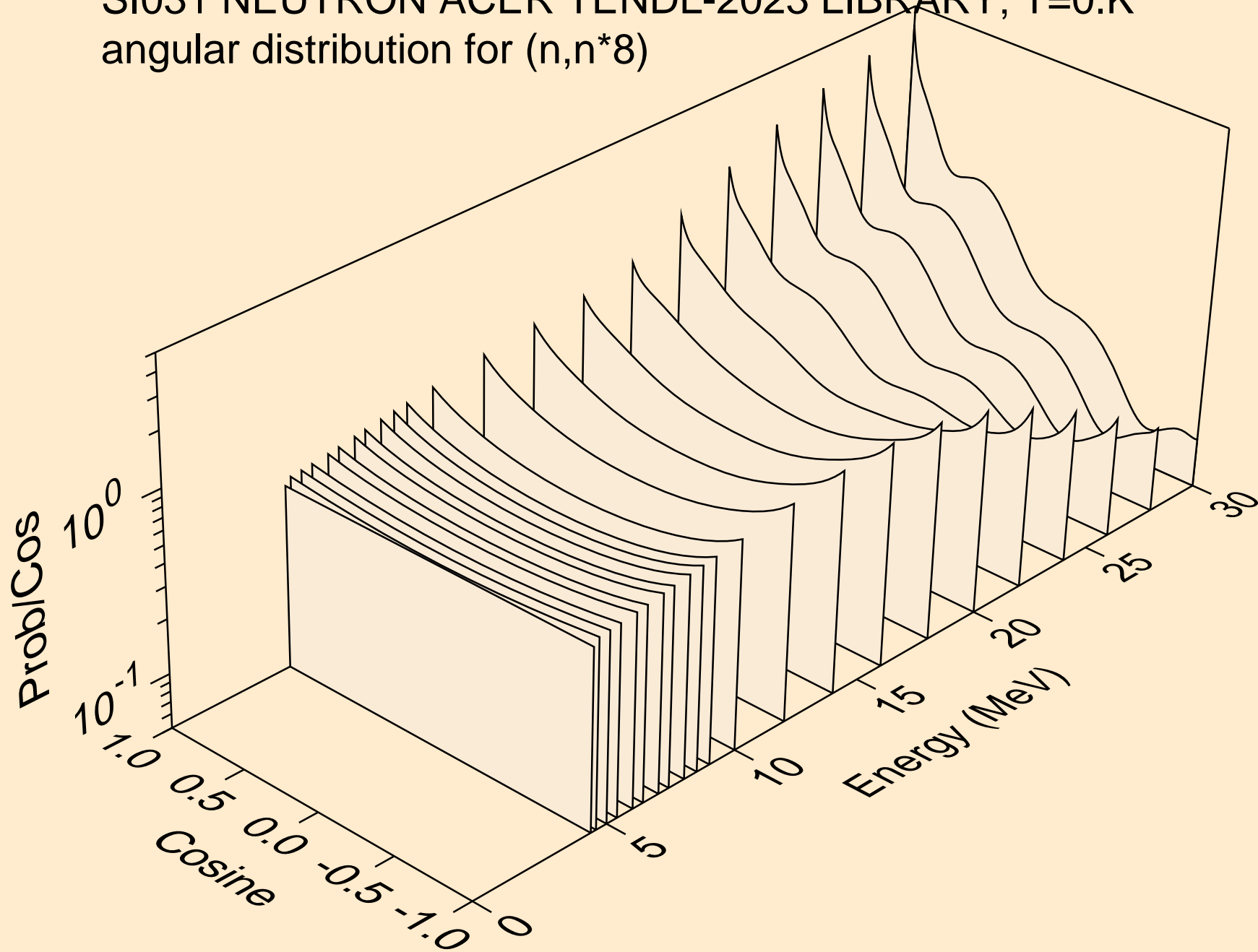




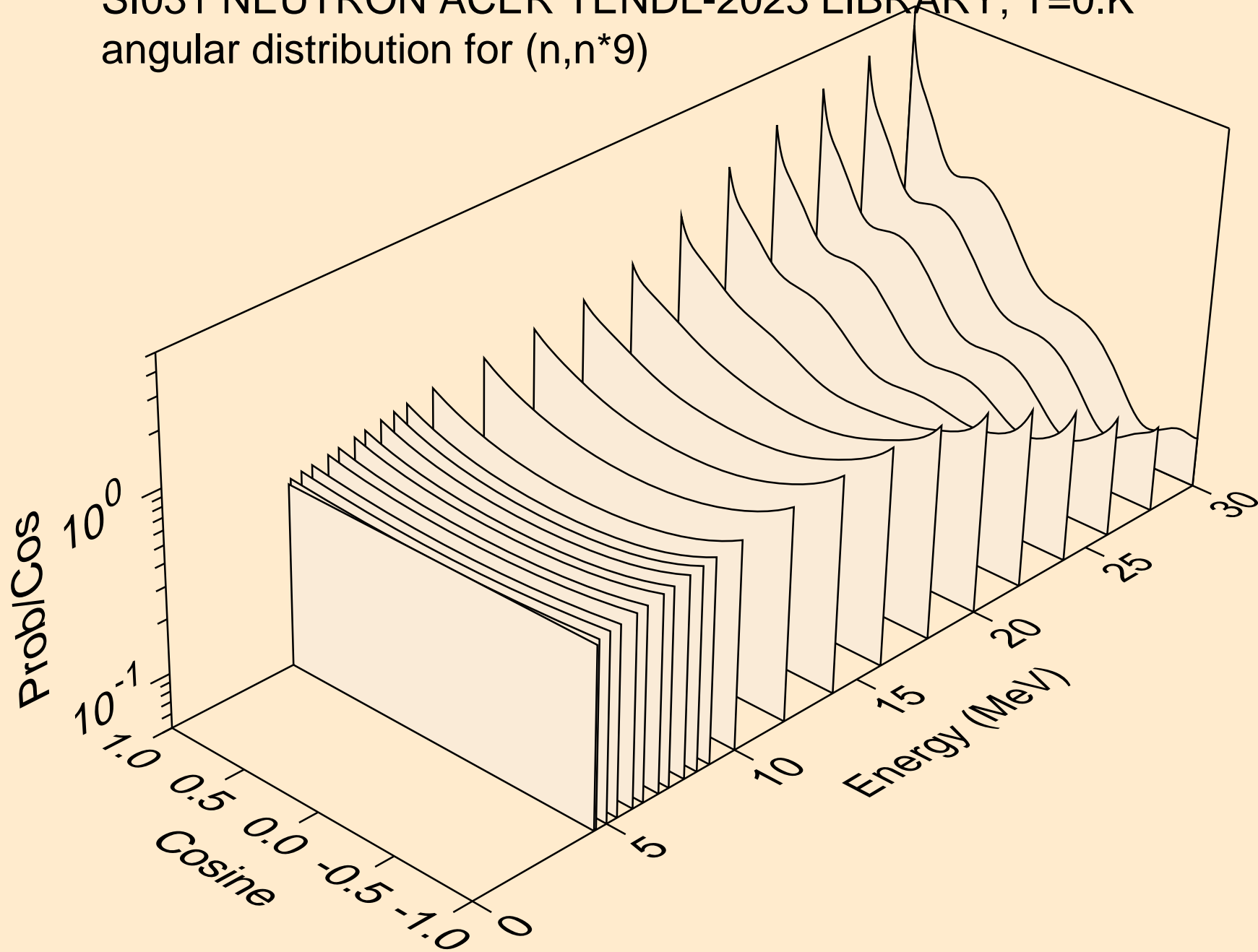
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angular distribution for (n,n\*7)



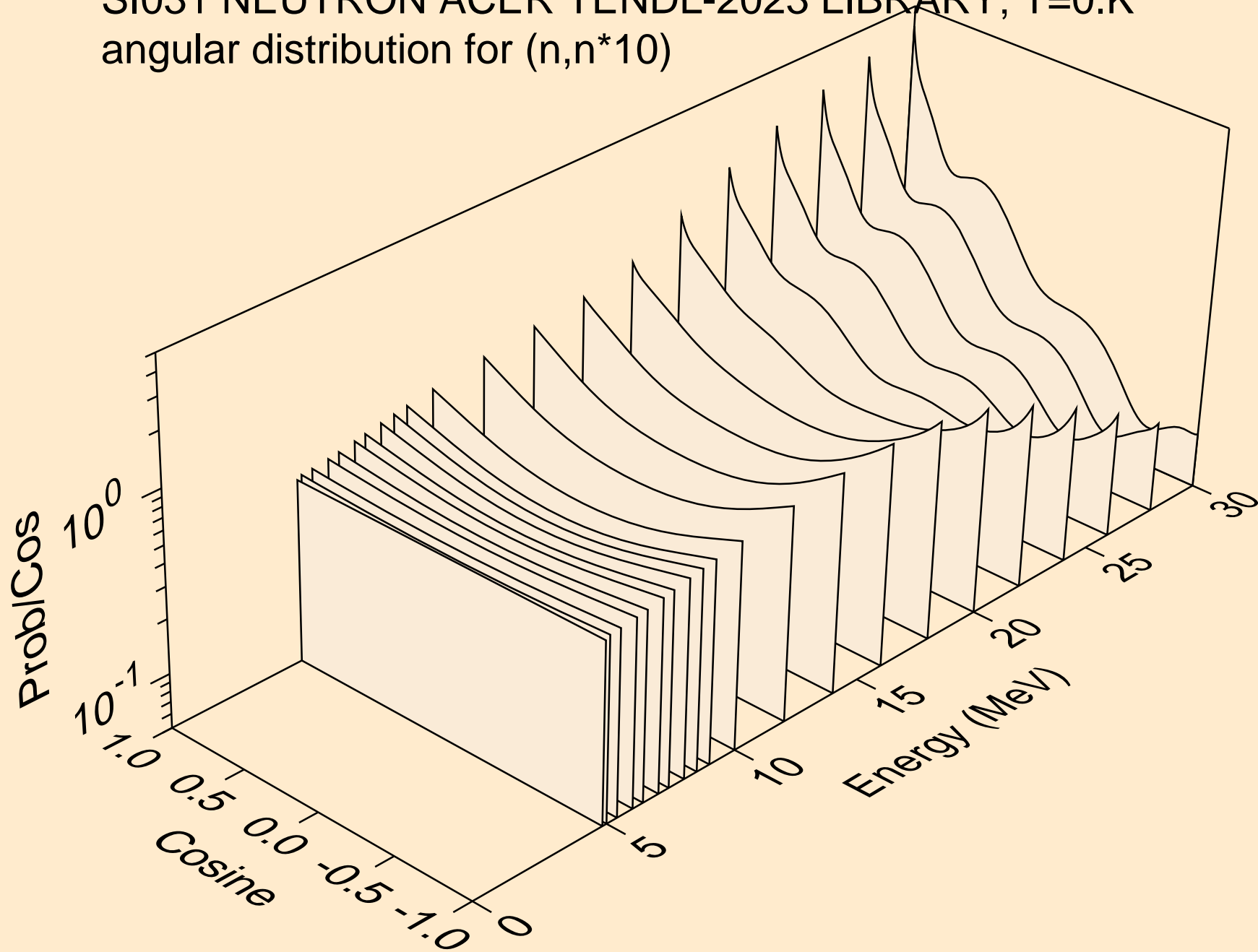
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angular distribution for (n,n\*8)



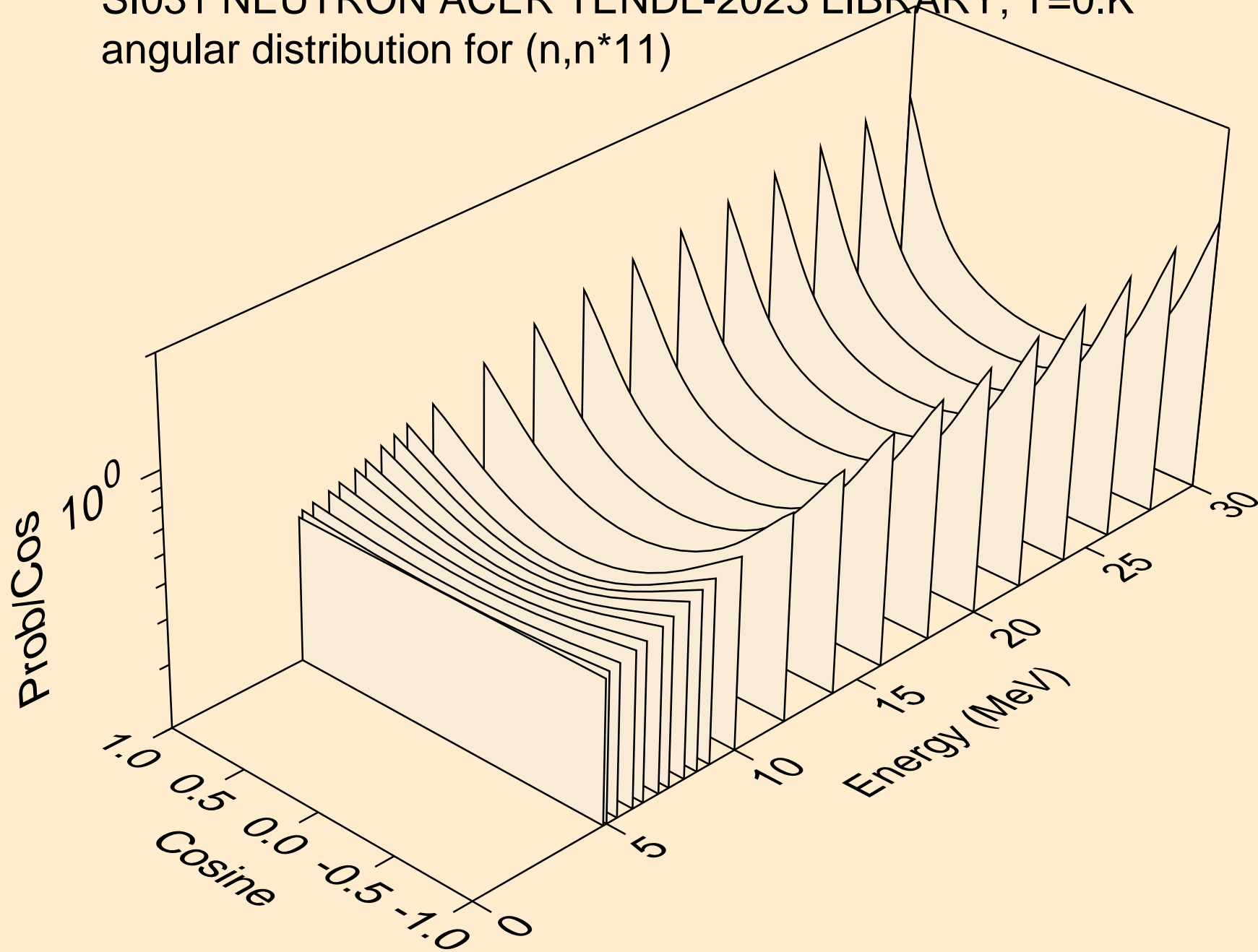
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angular distribution for (n,n\*9)



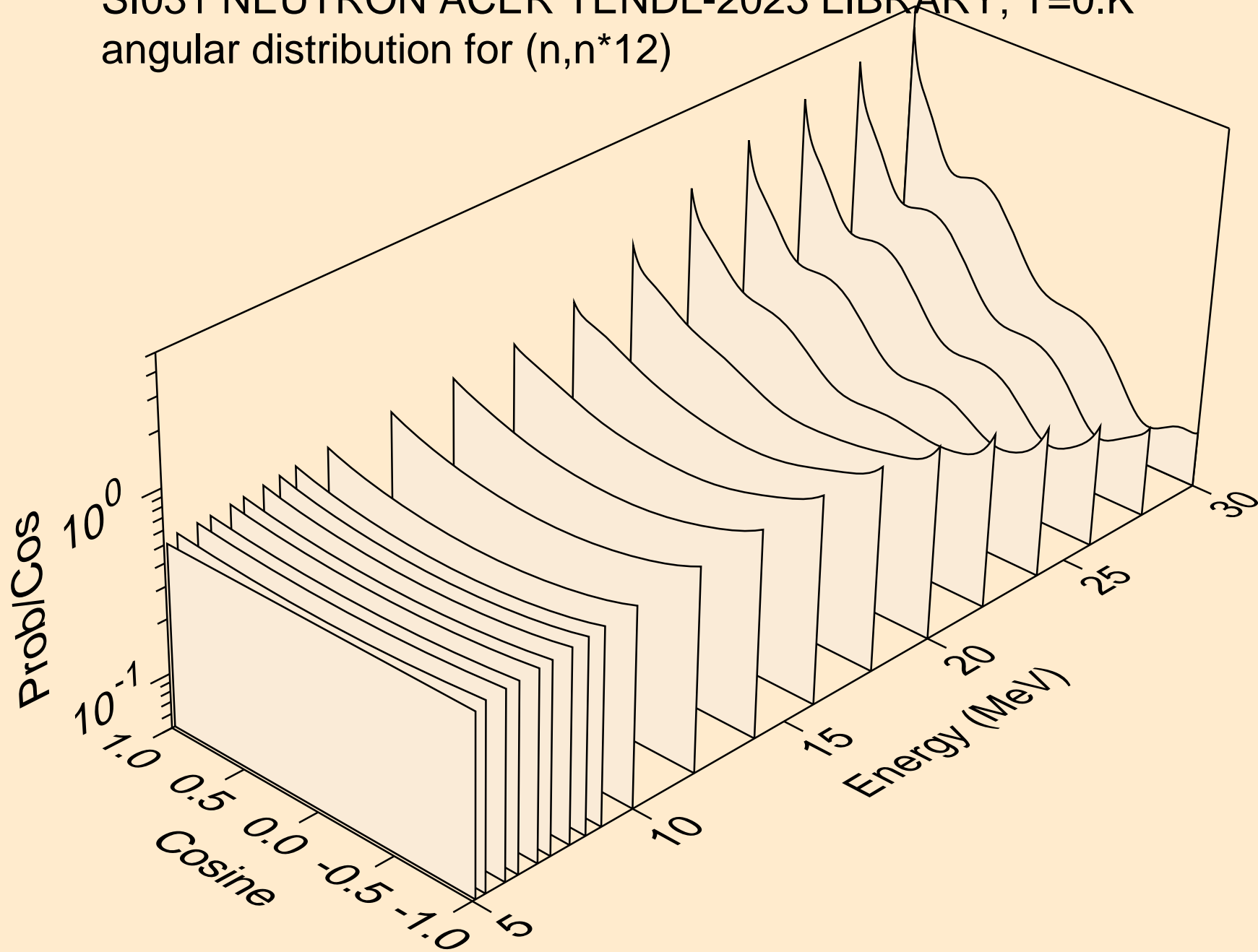
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angular distribution for (n,n\*10)



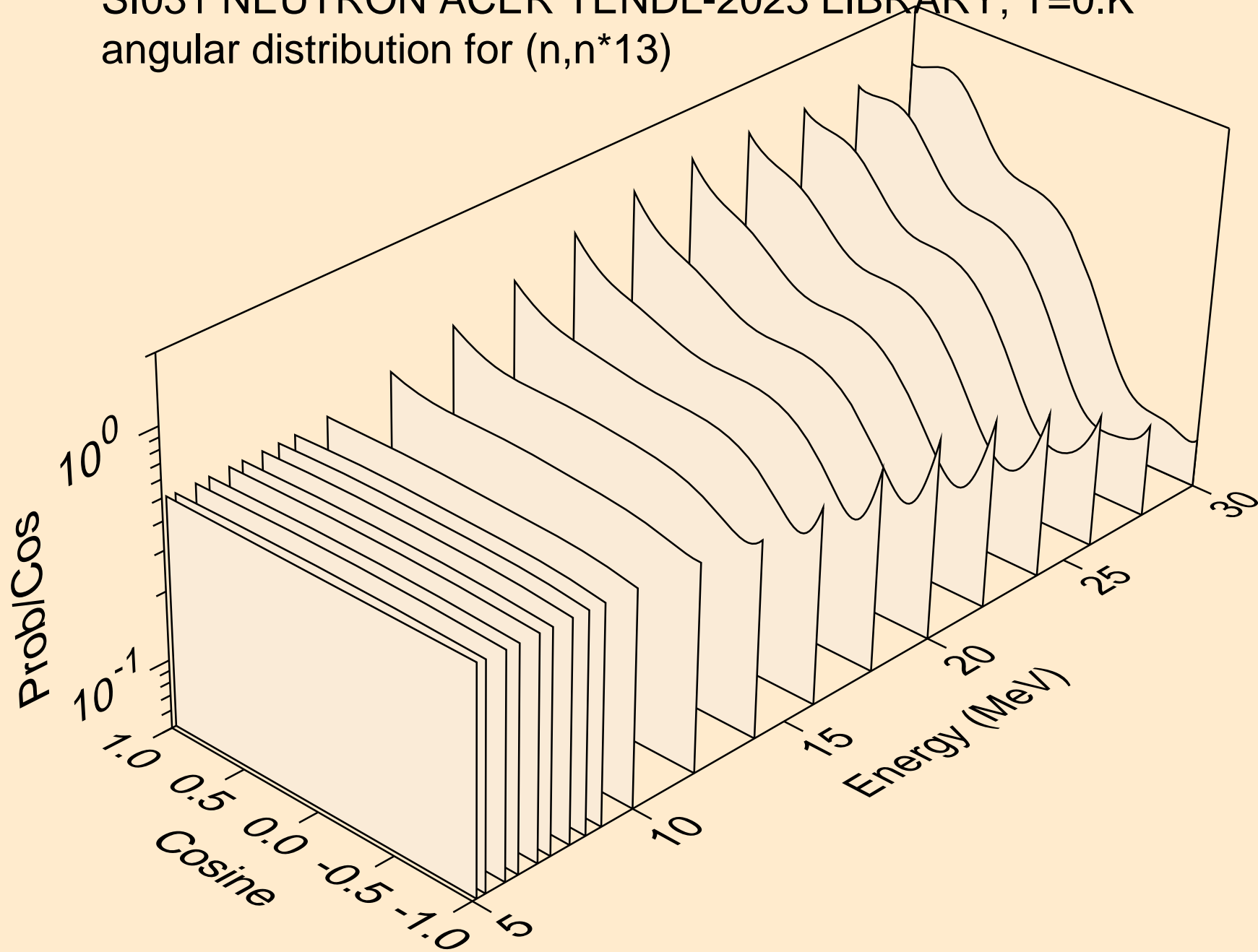
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angular distribution for (n,n\*11)



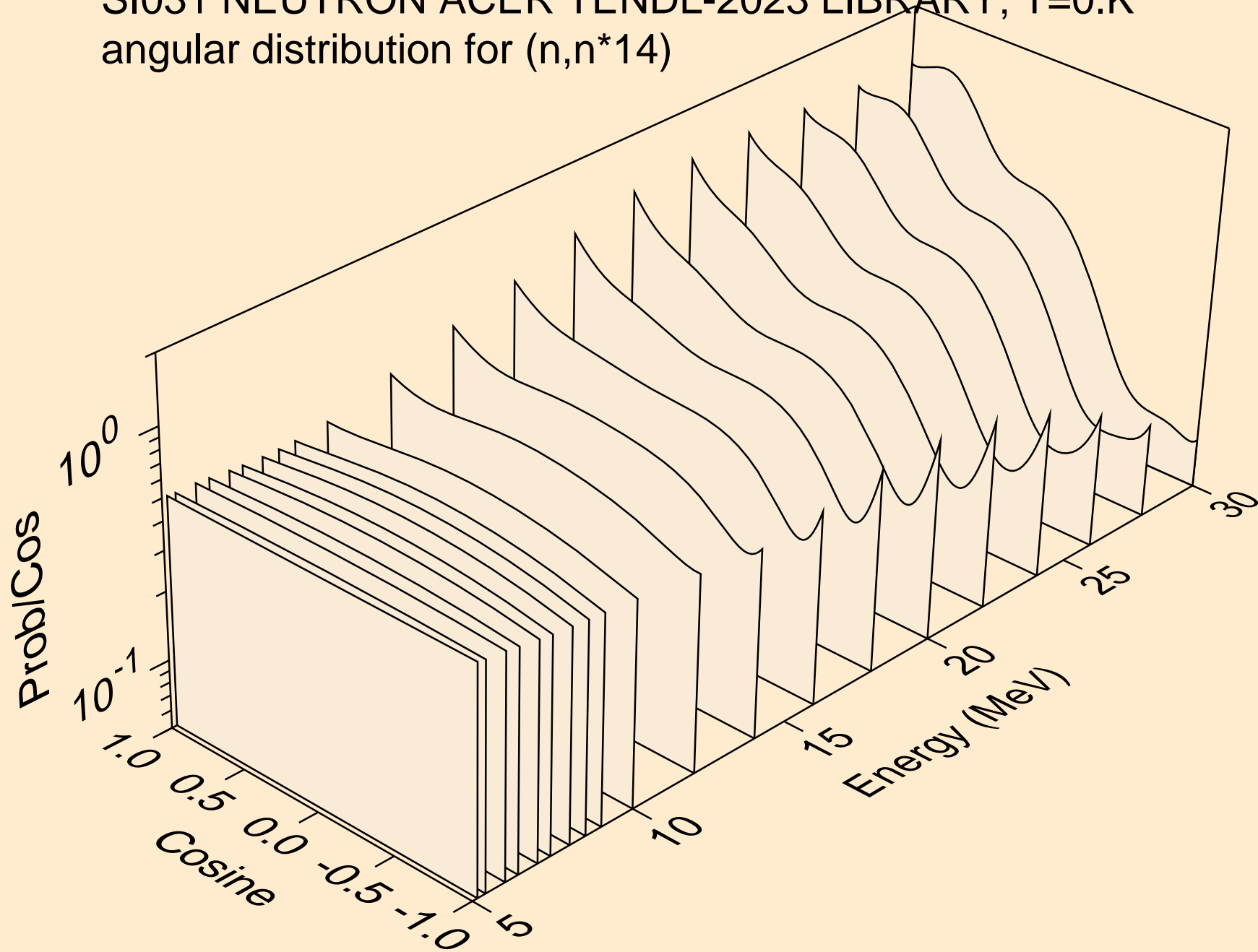
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

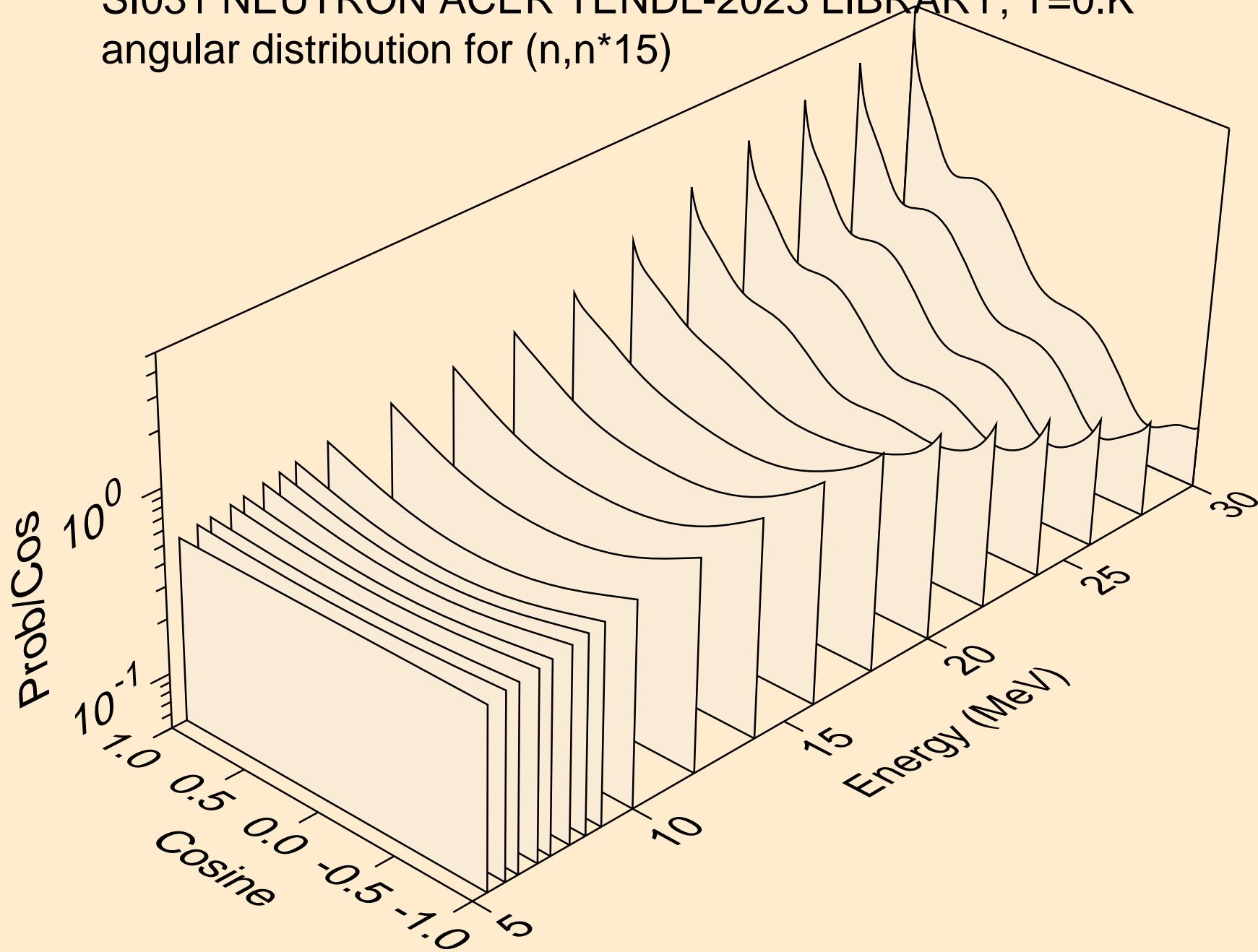


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

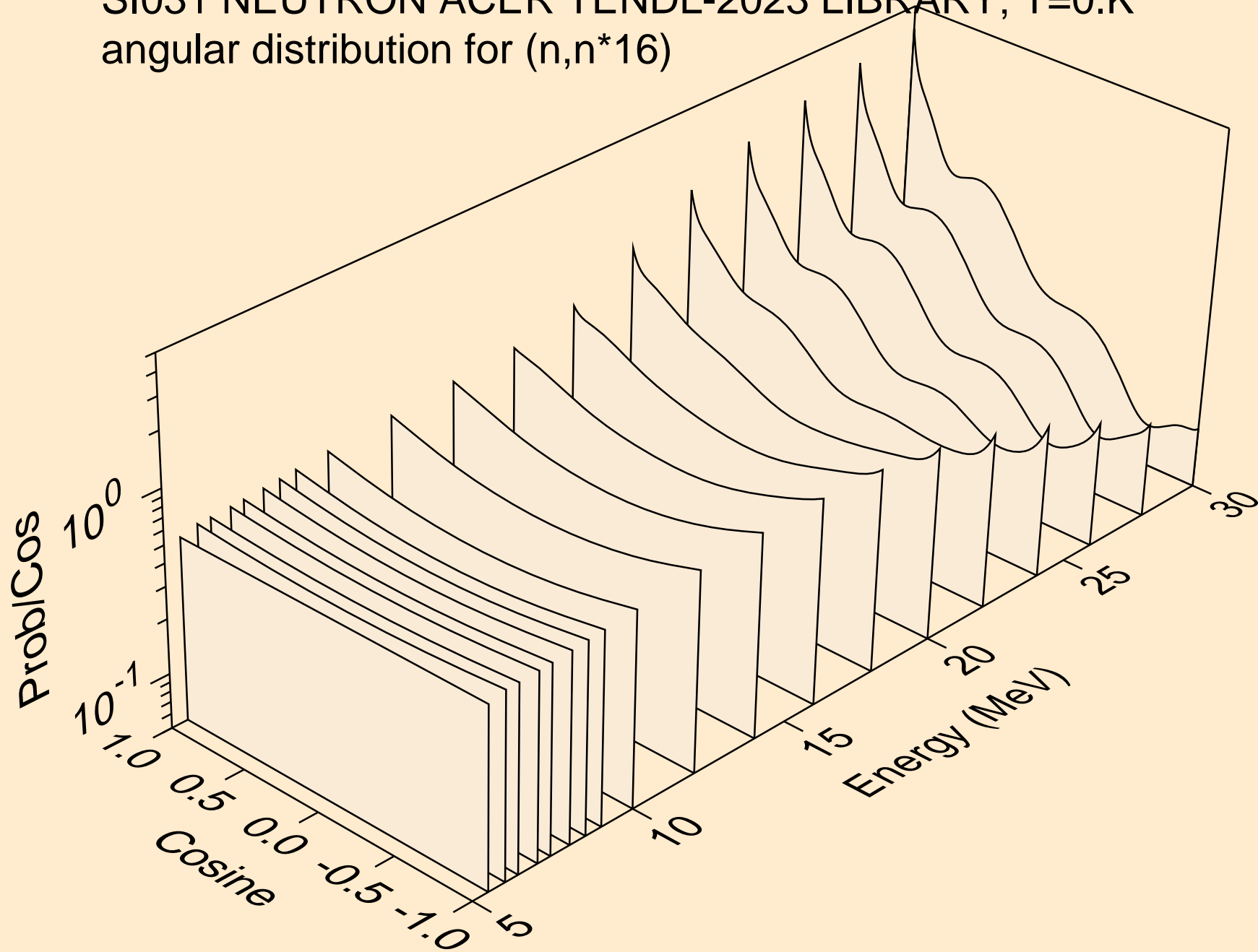




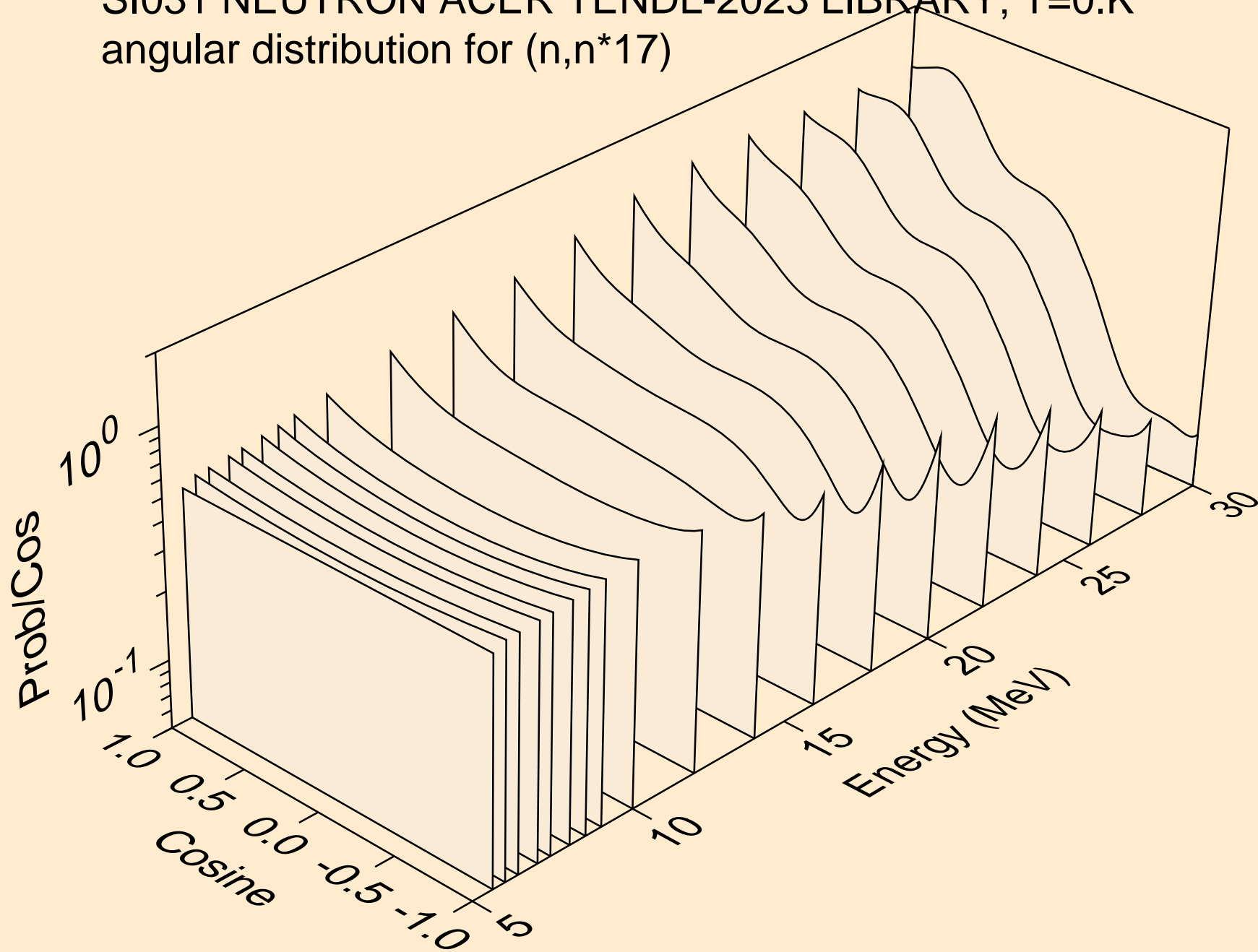
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angular distribution for (n,n\*15)



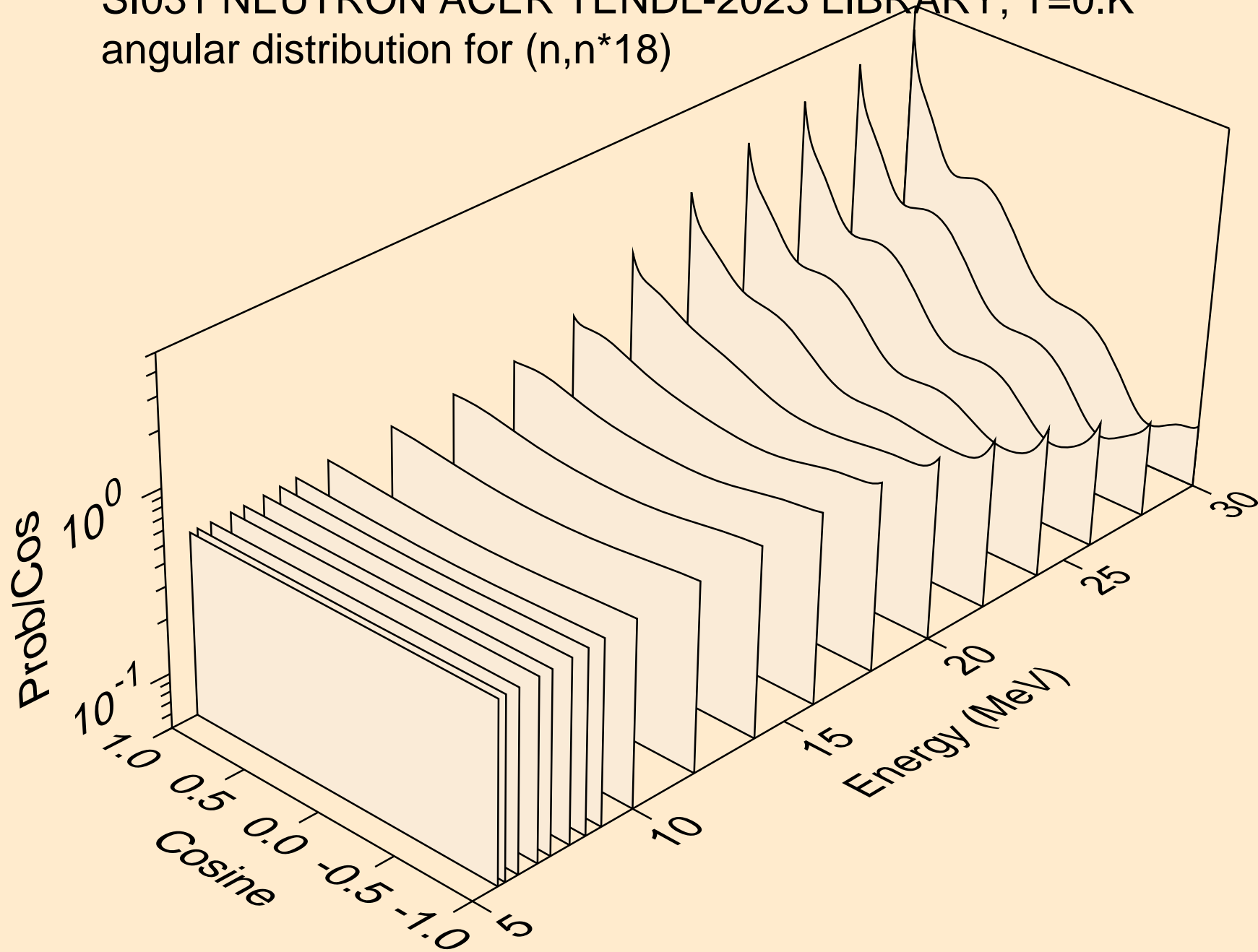
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angular distribution for (n,n\*16)



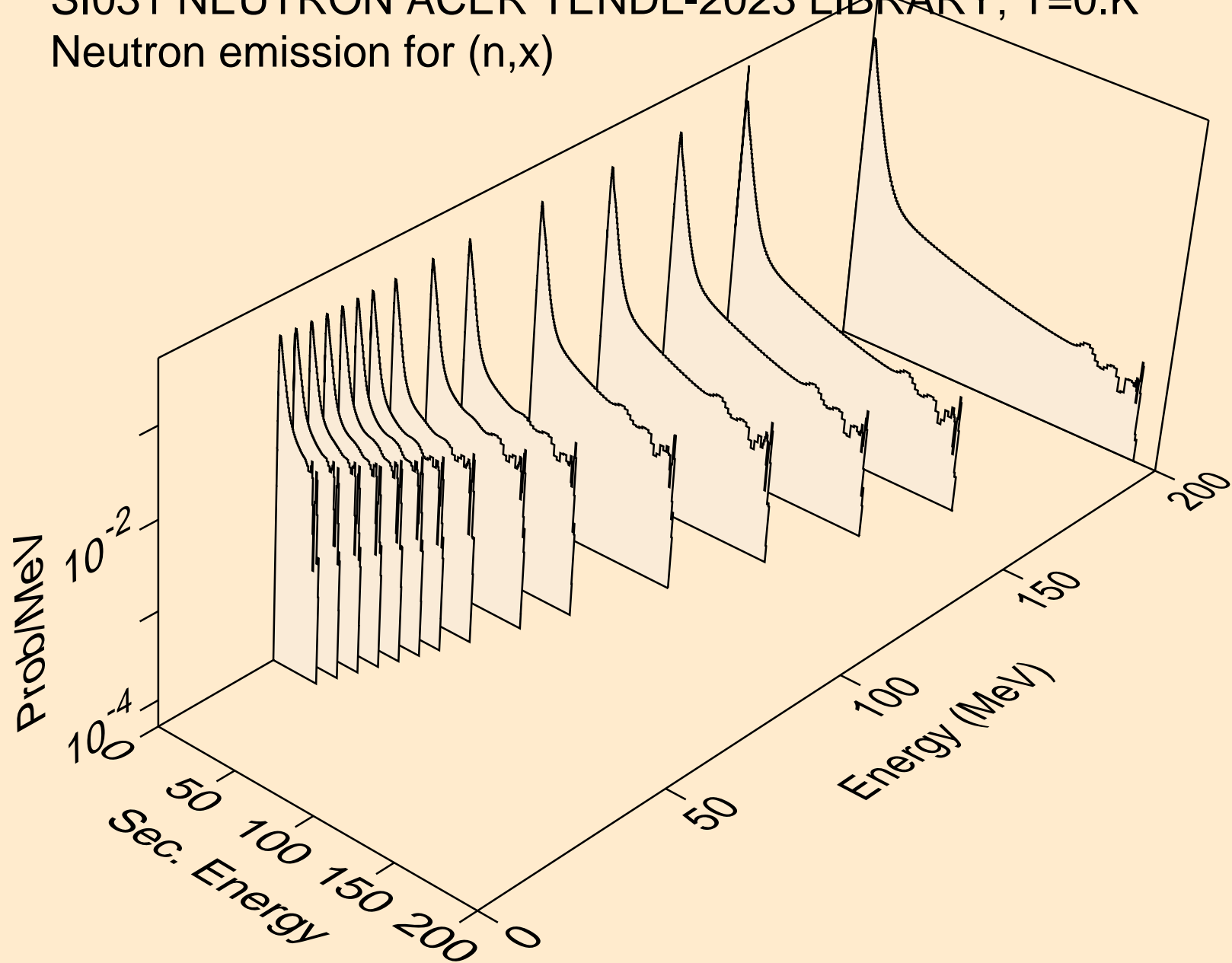
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angular distribution for (n,n\*17)



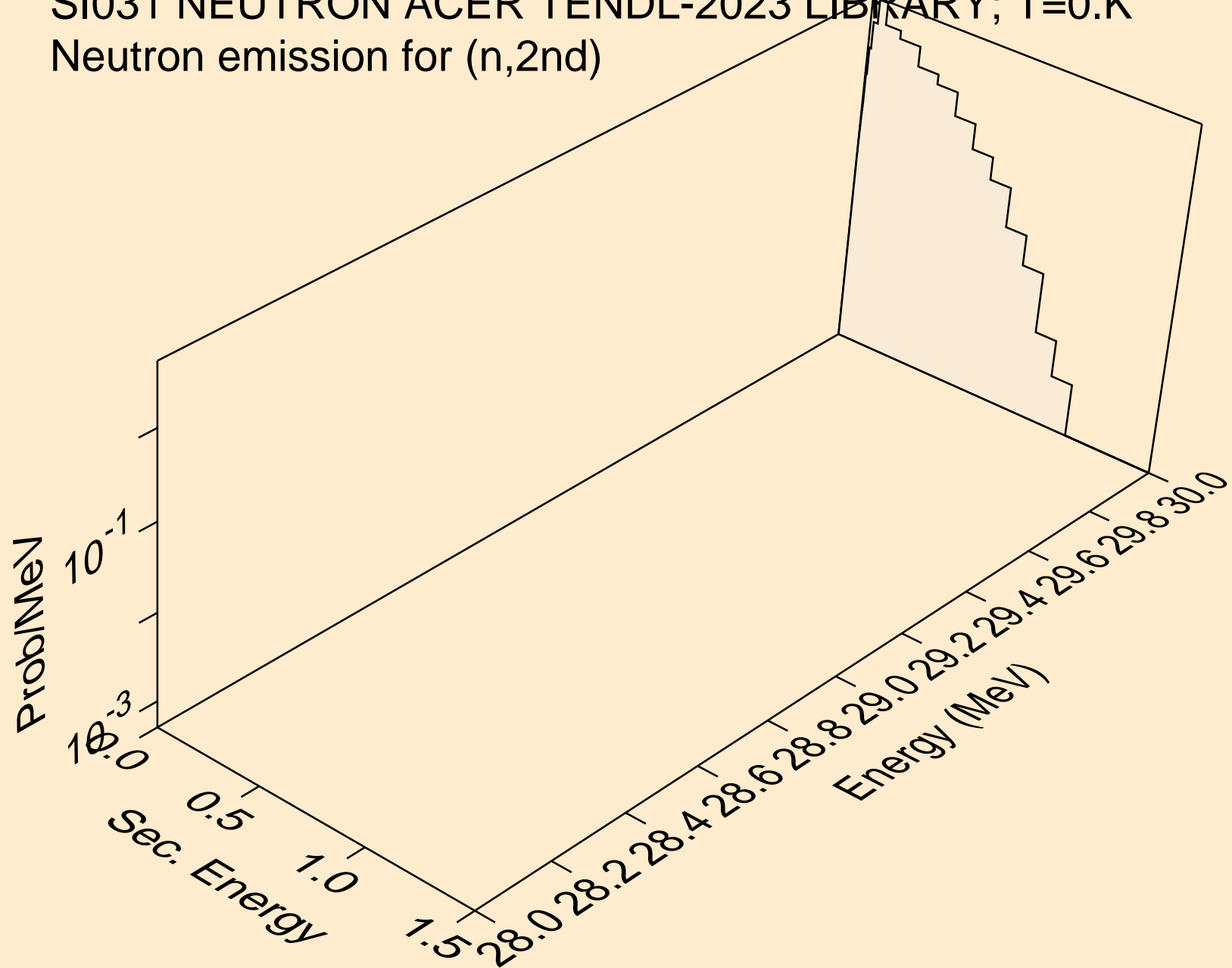
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angular distribution for (n,n\*18)



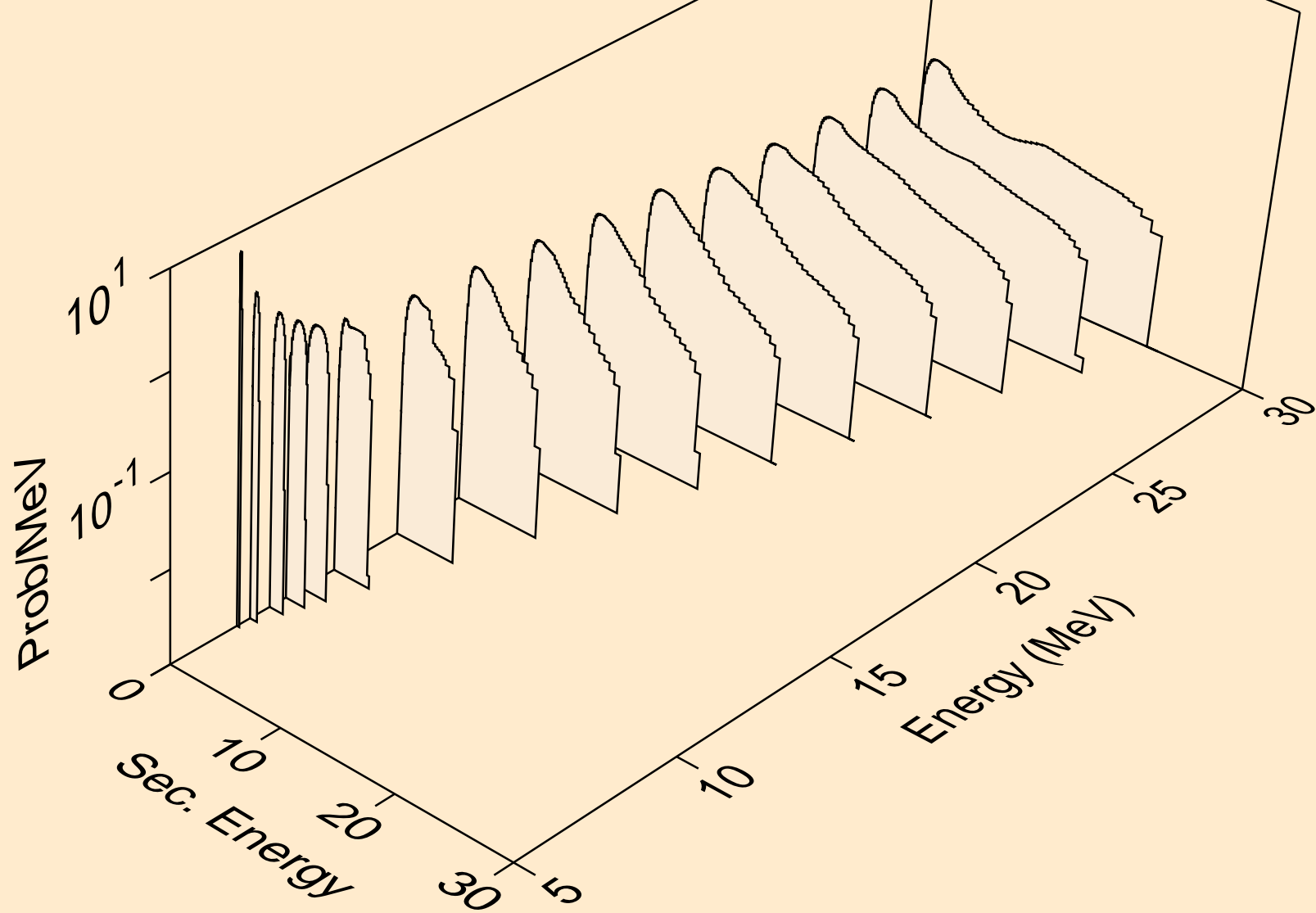
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



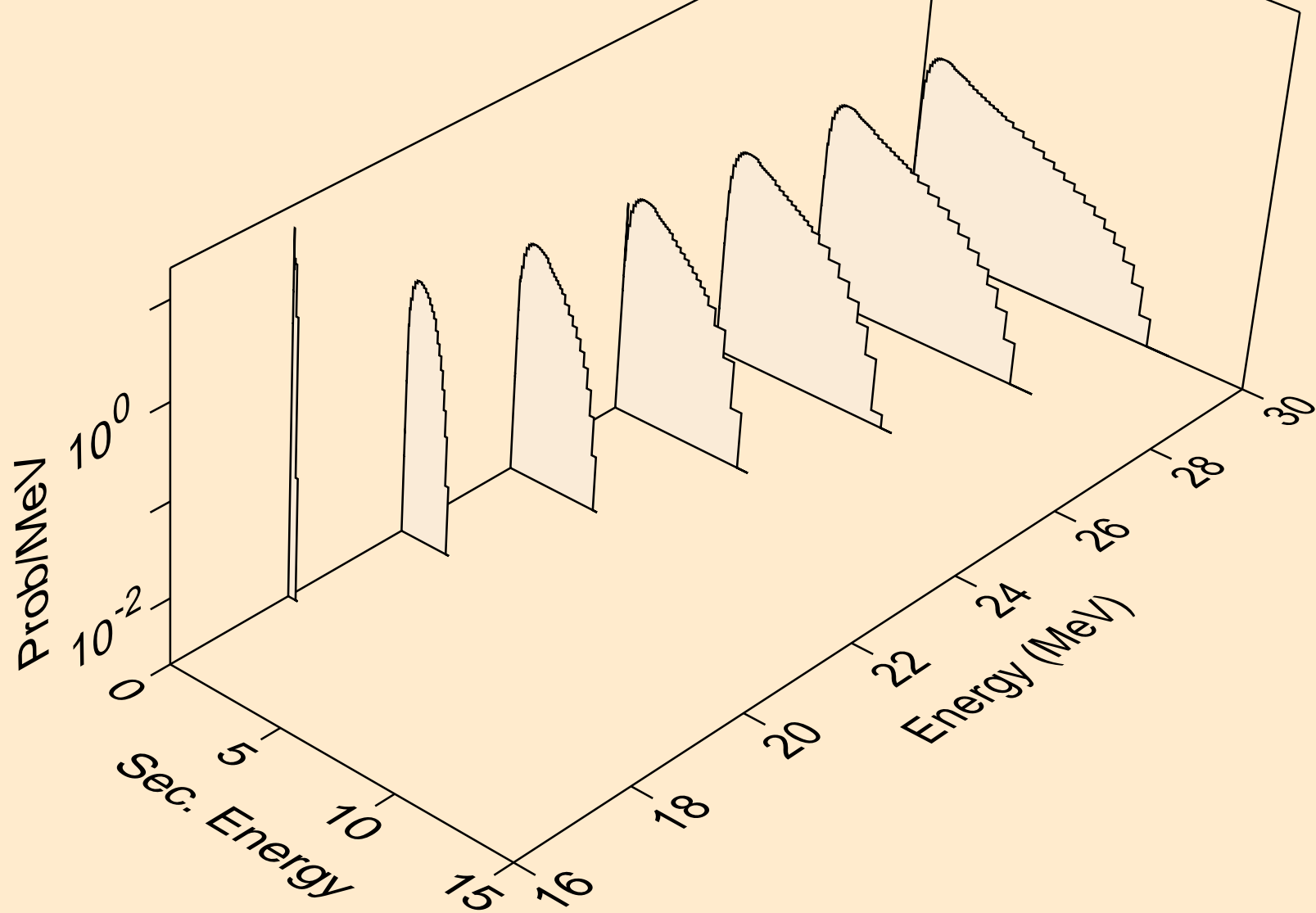
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

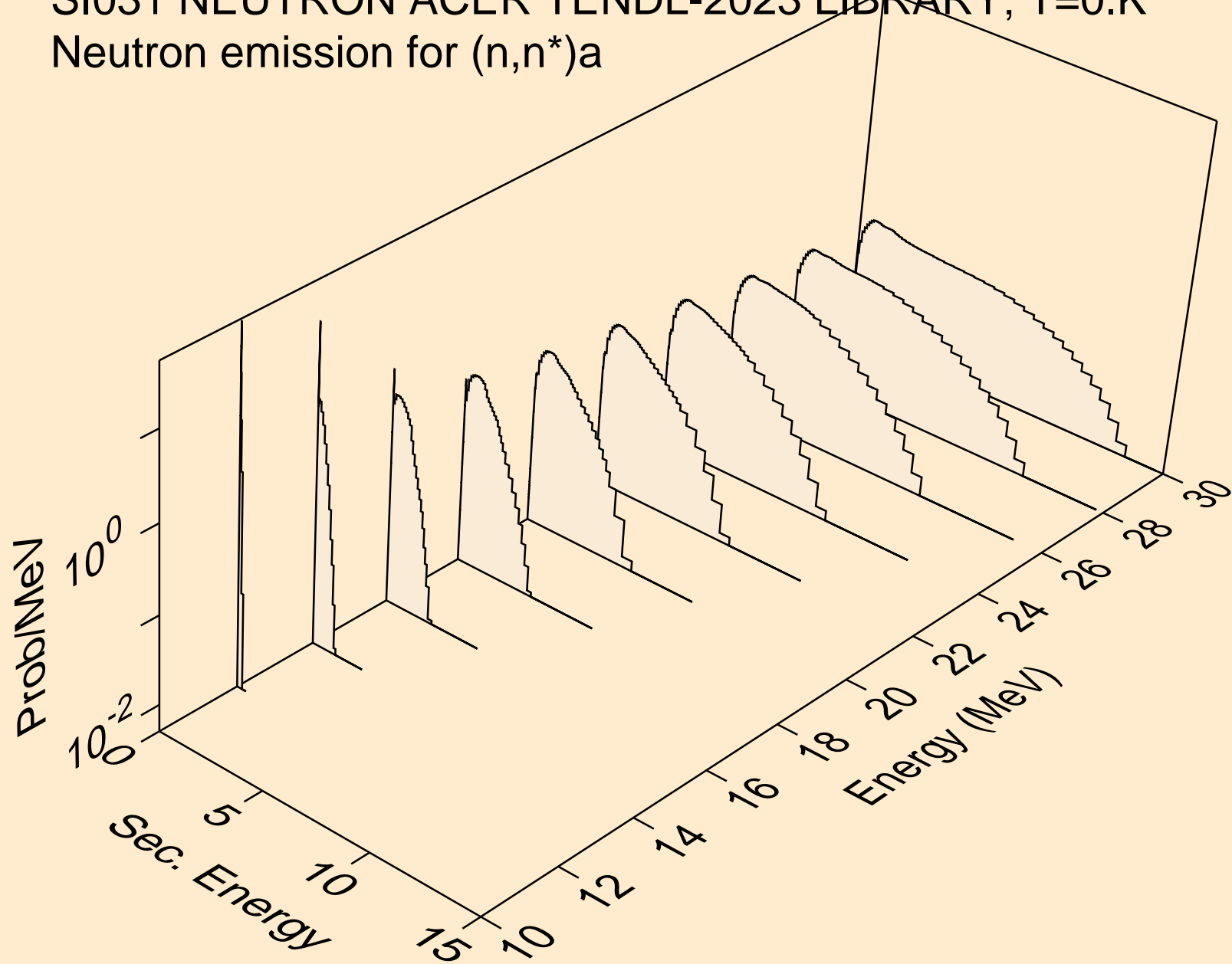


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

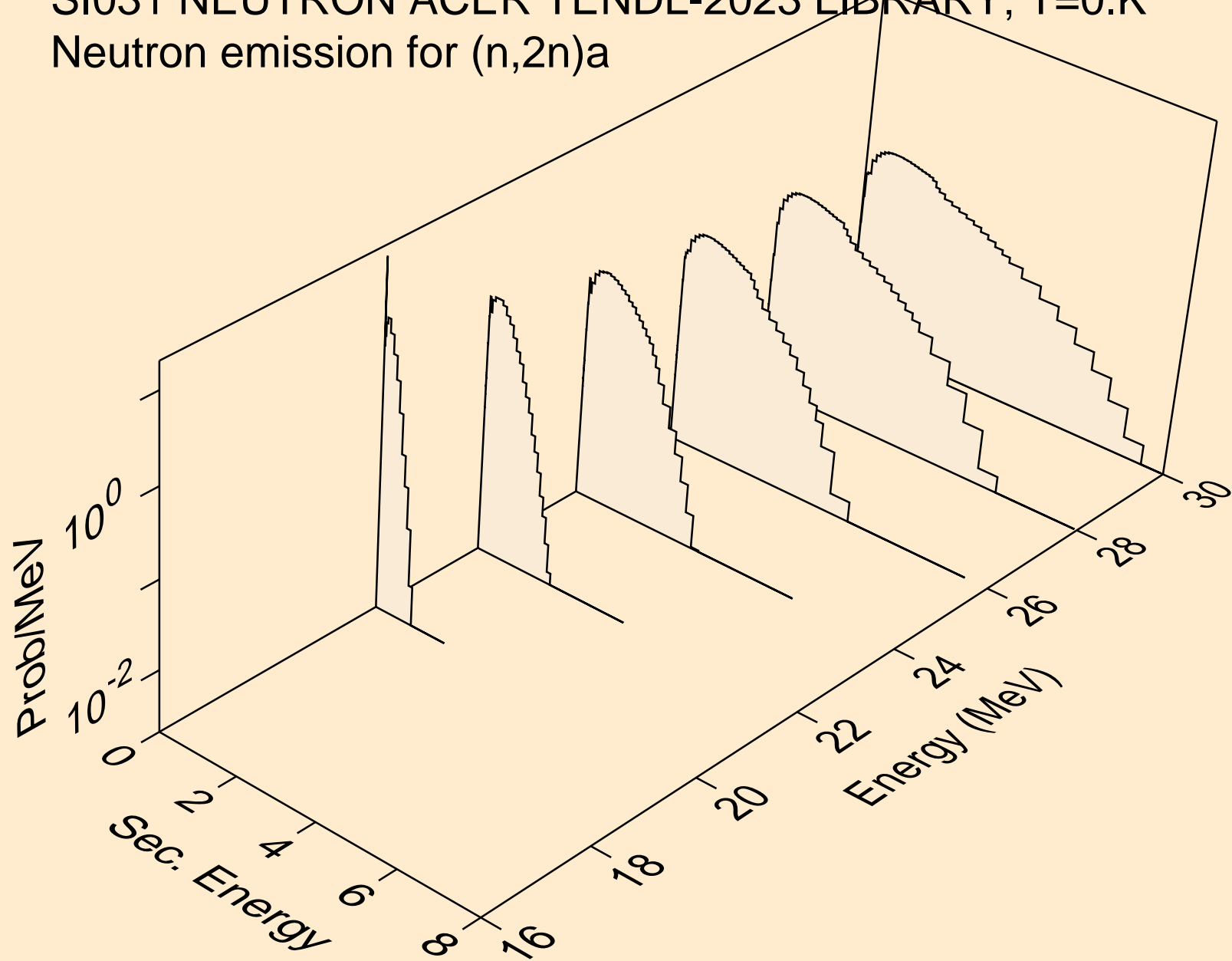




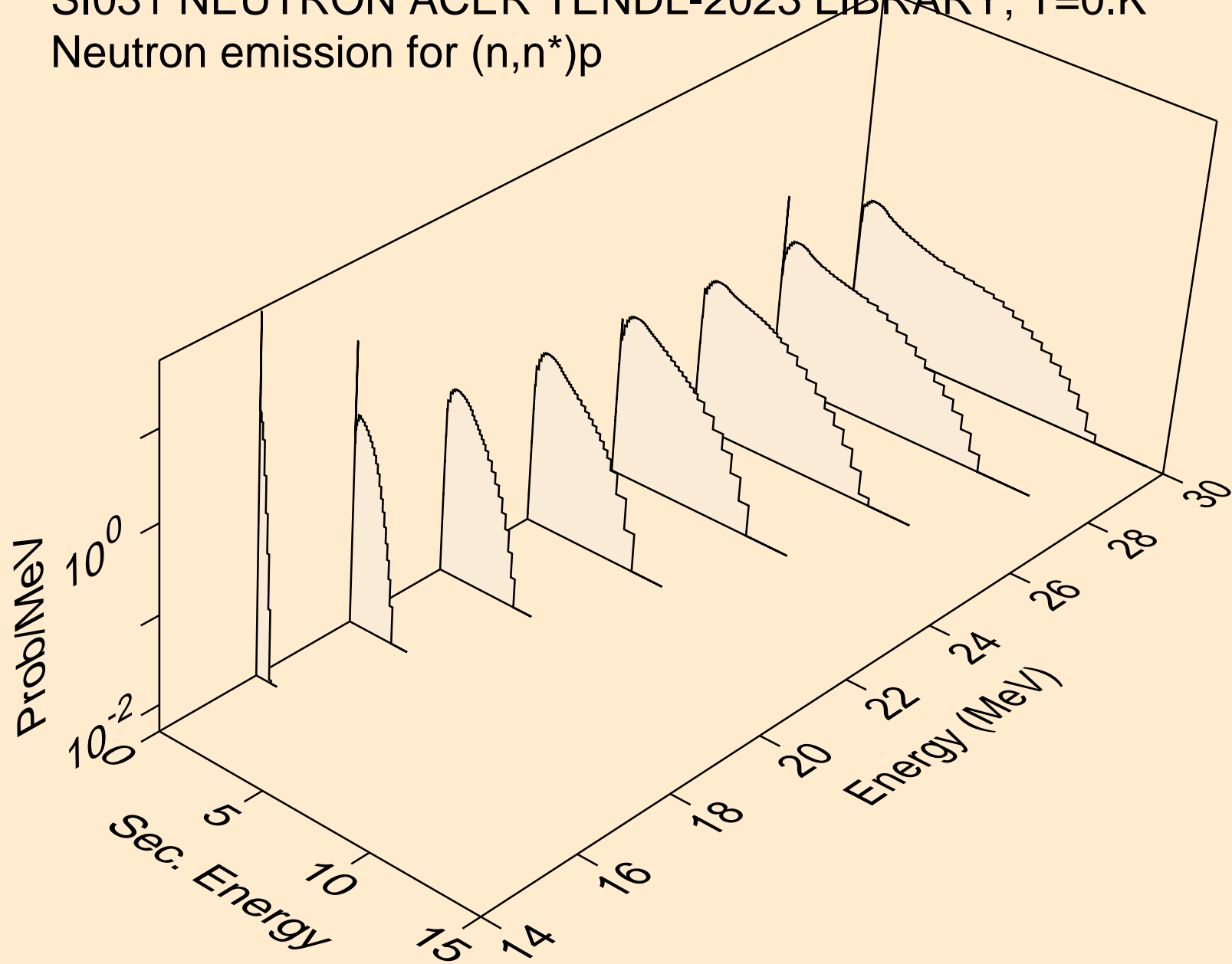
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



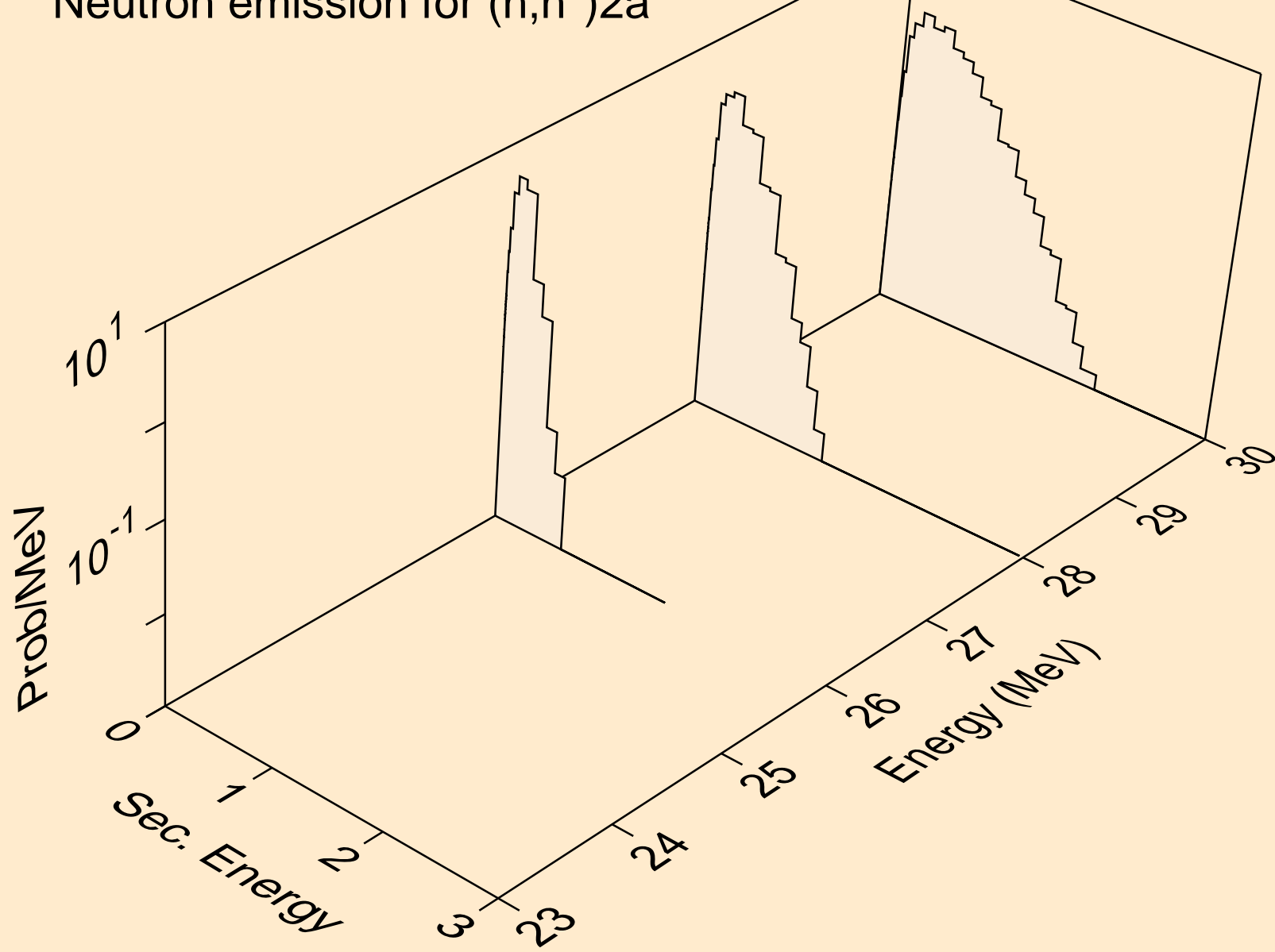
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



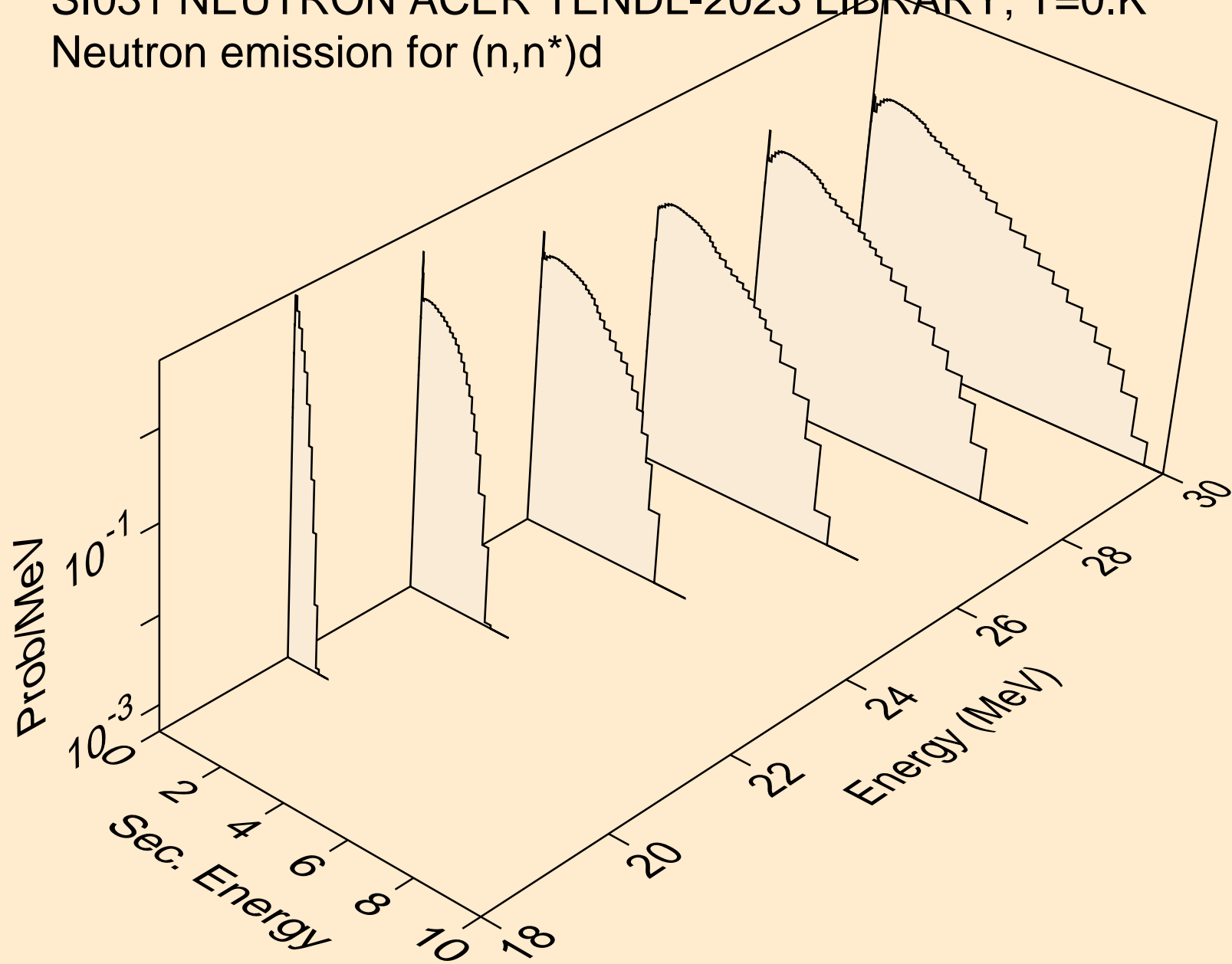
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



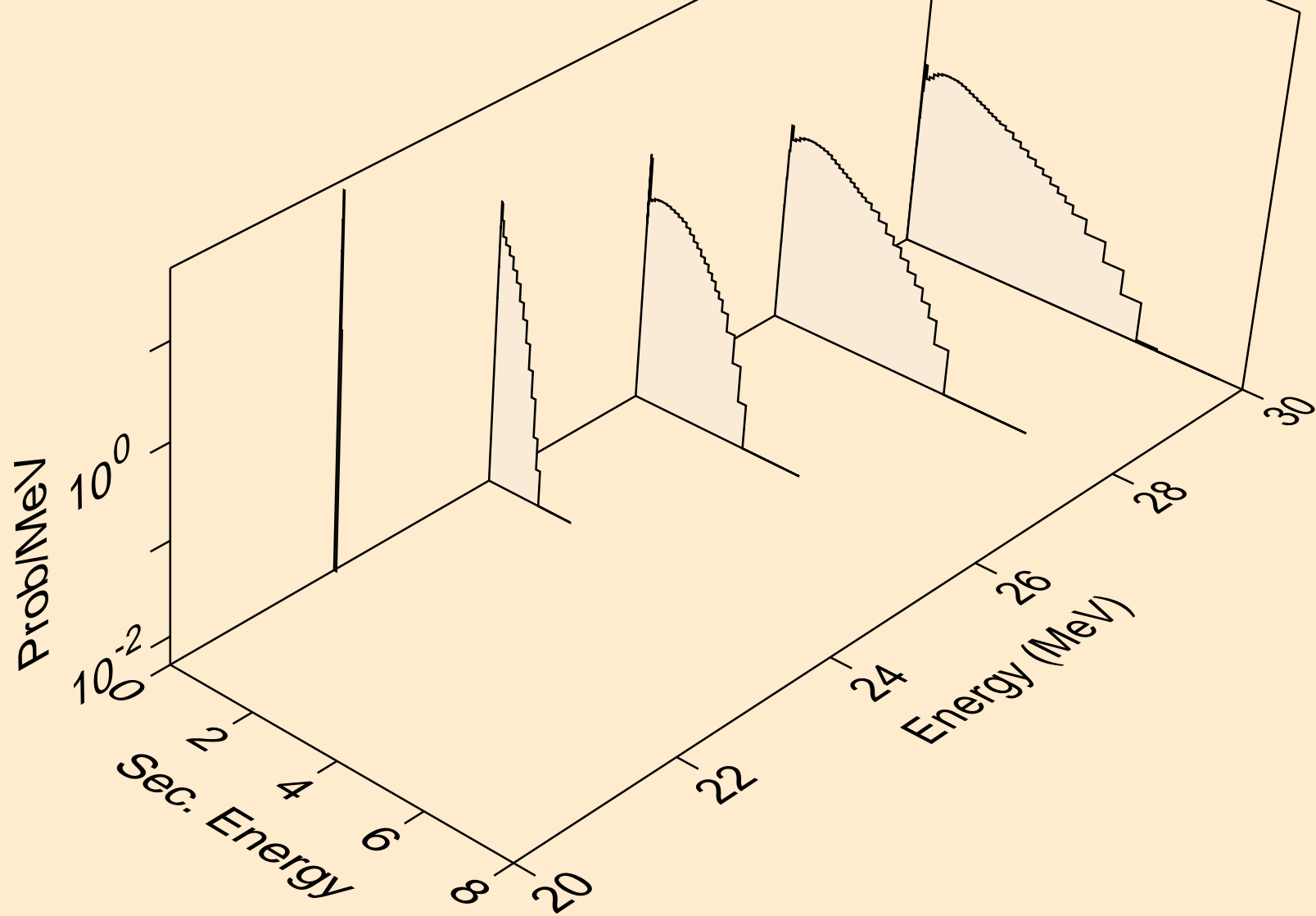
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



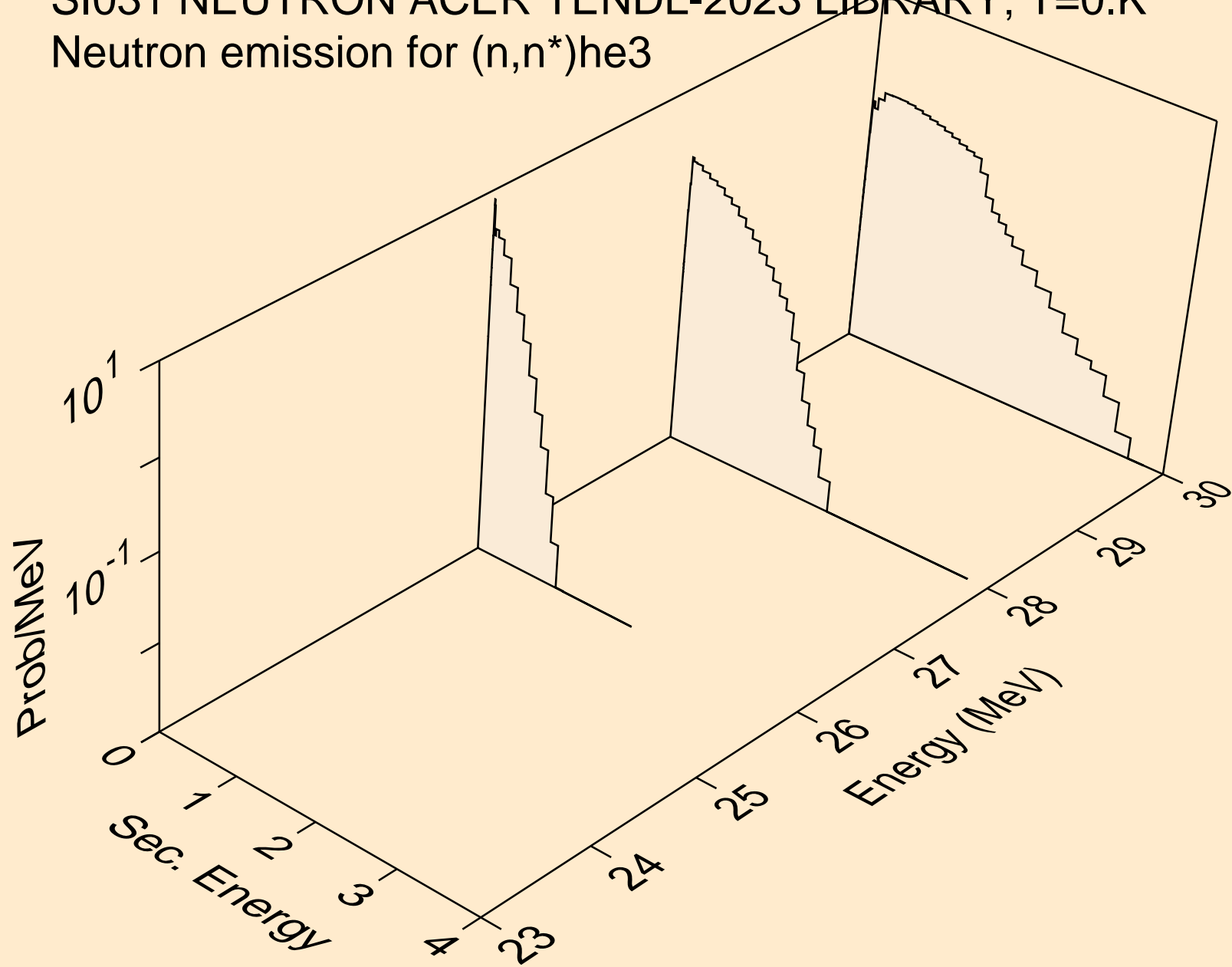
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



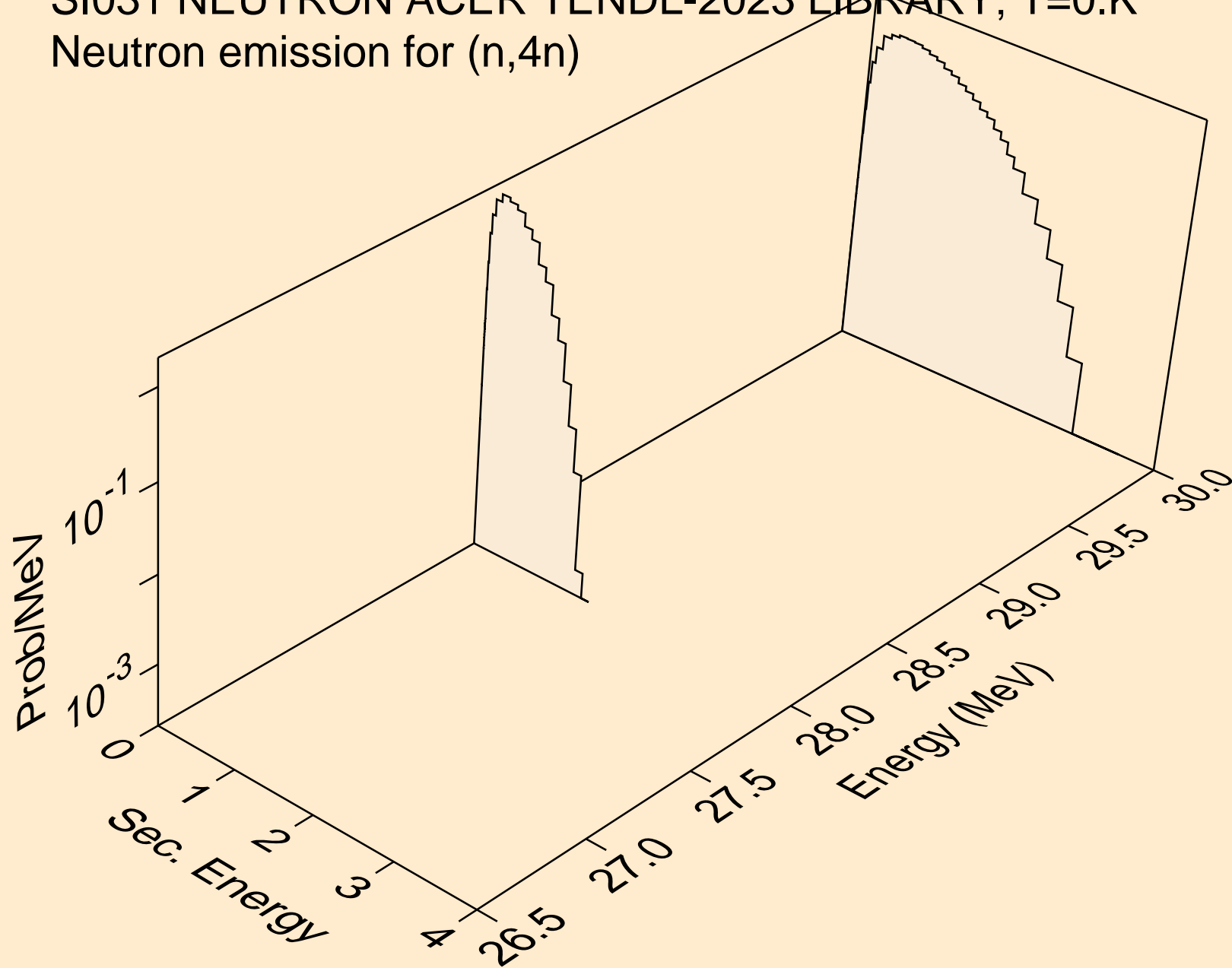
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

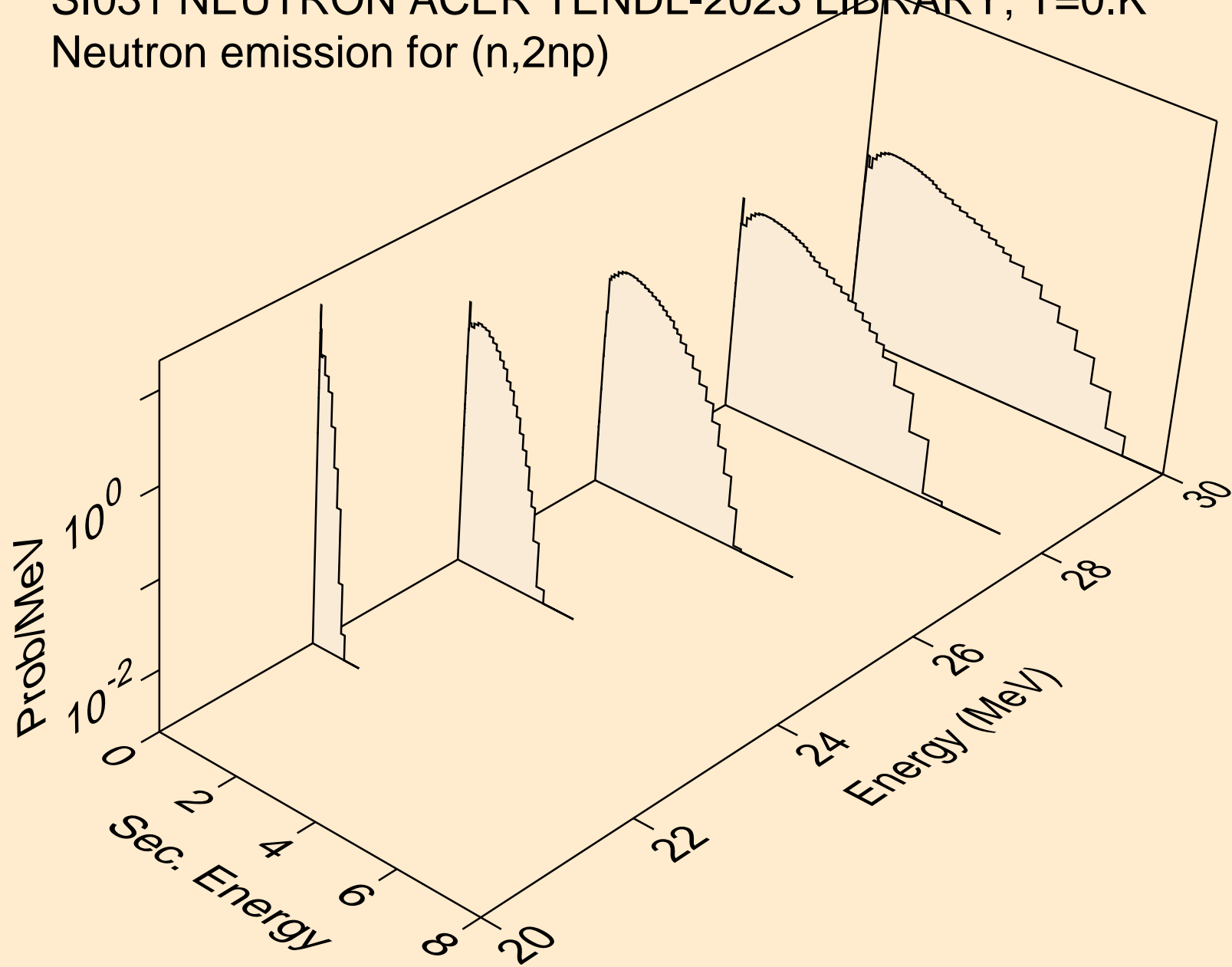


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

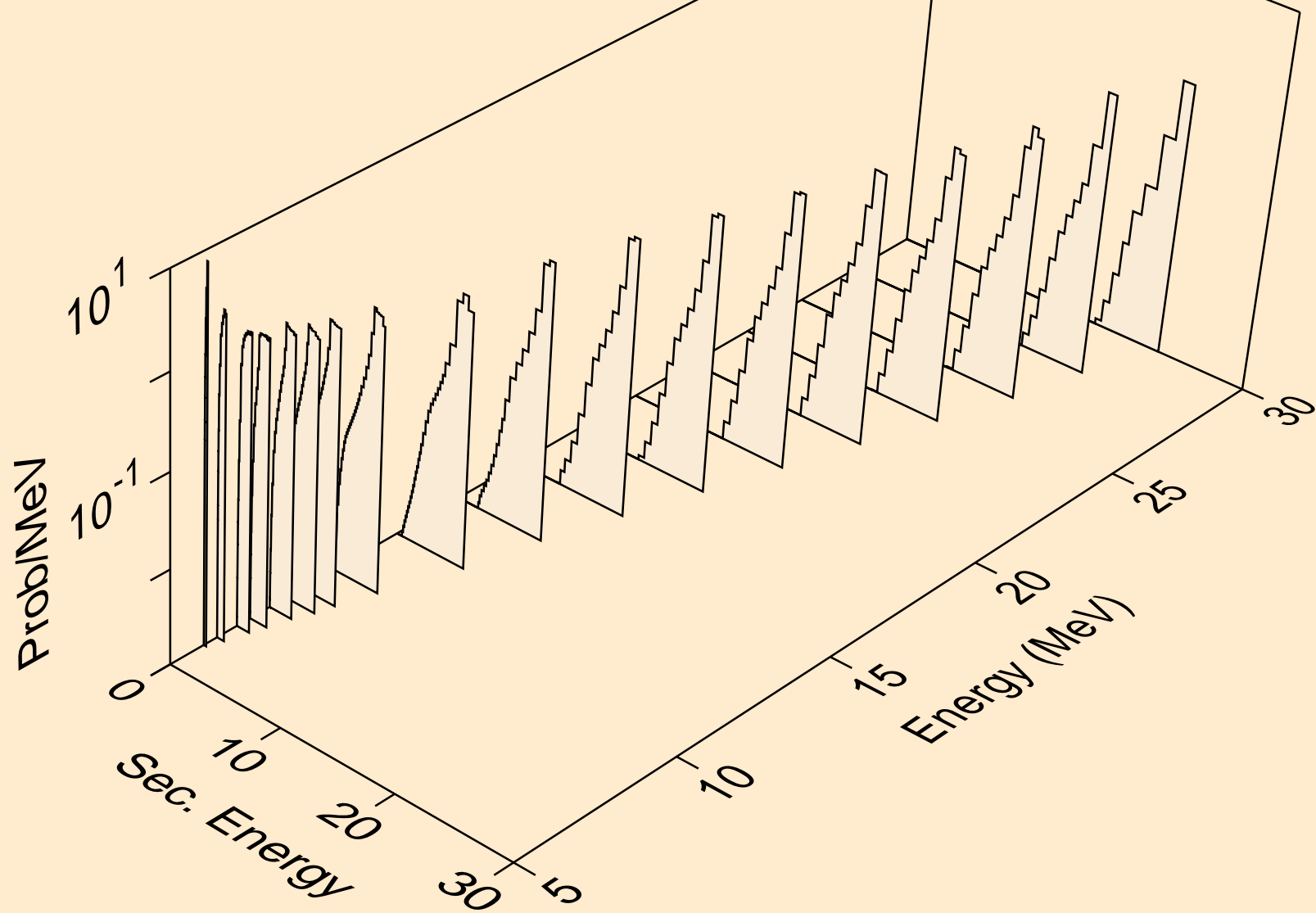




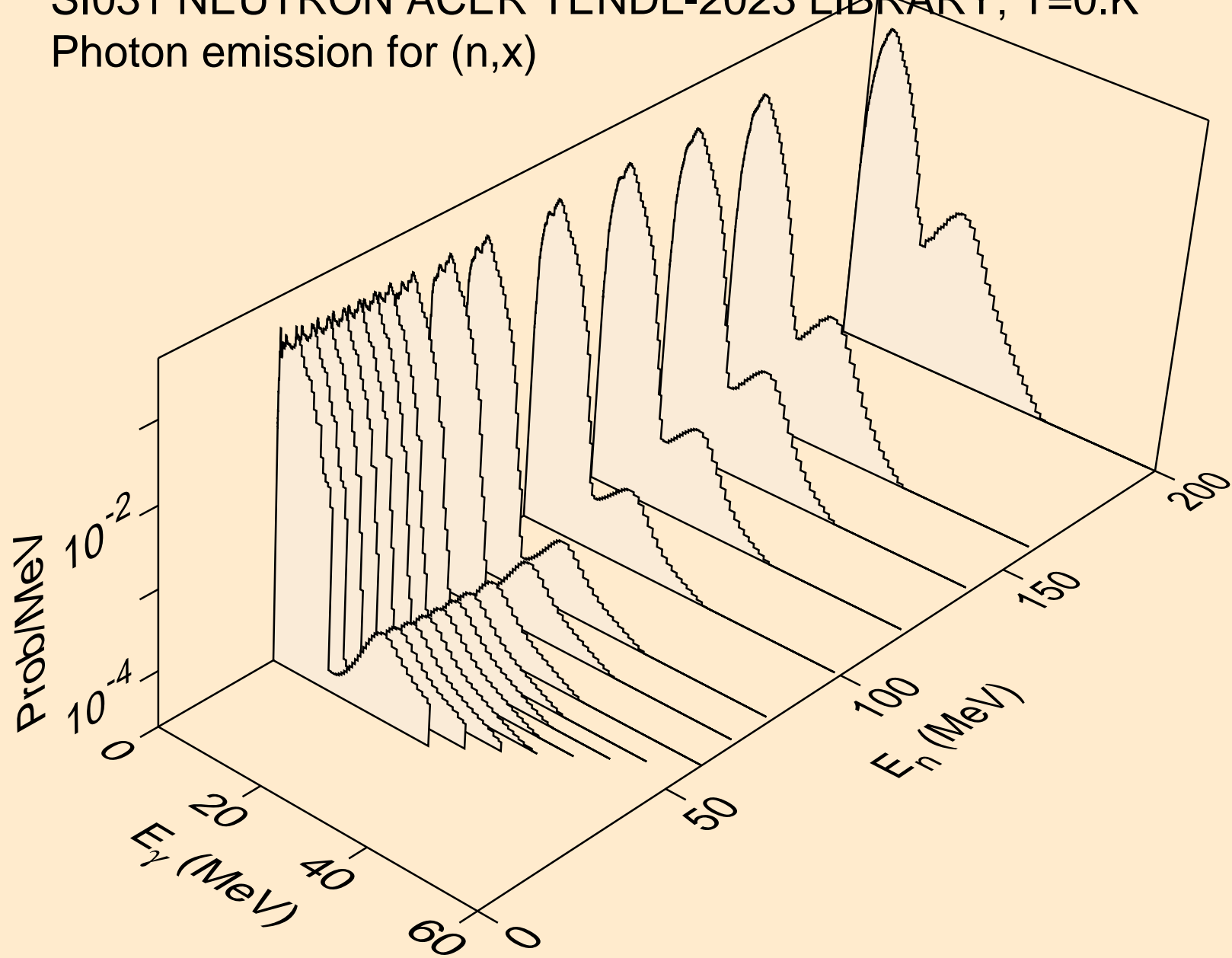
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



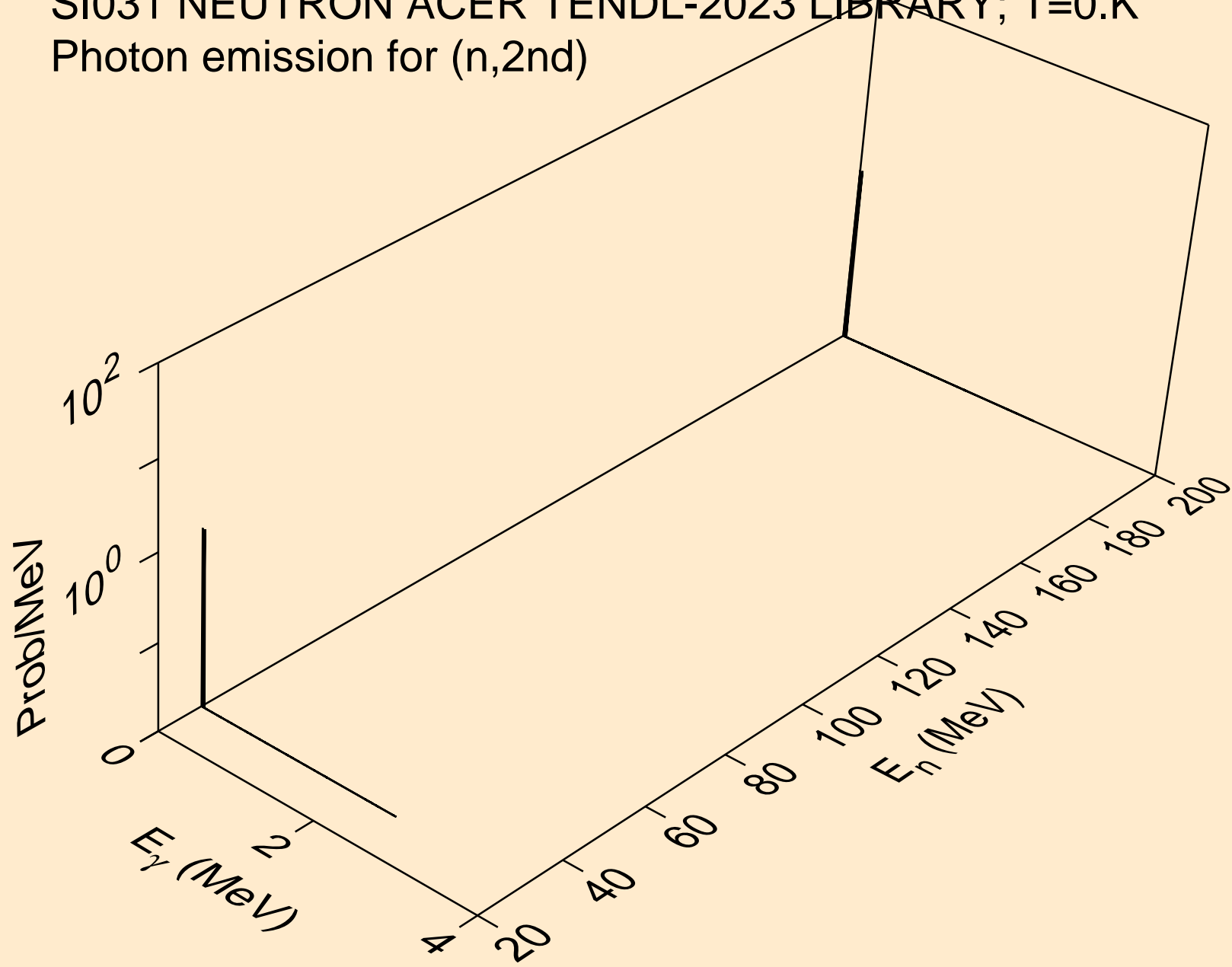
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



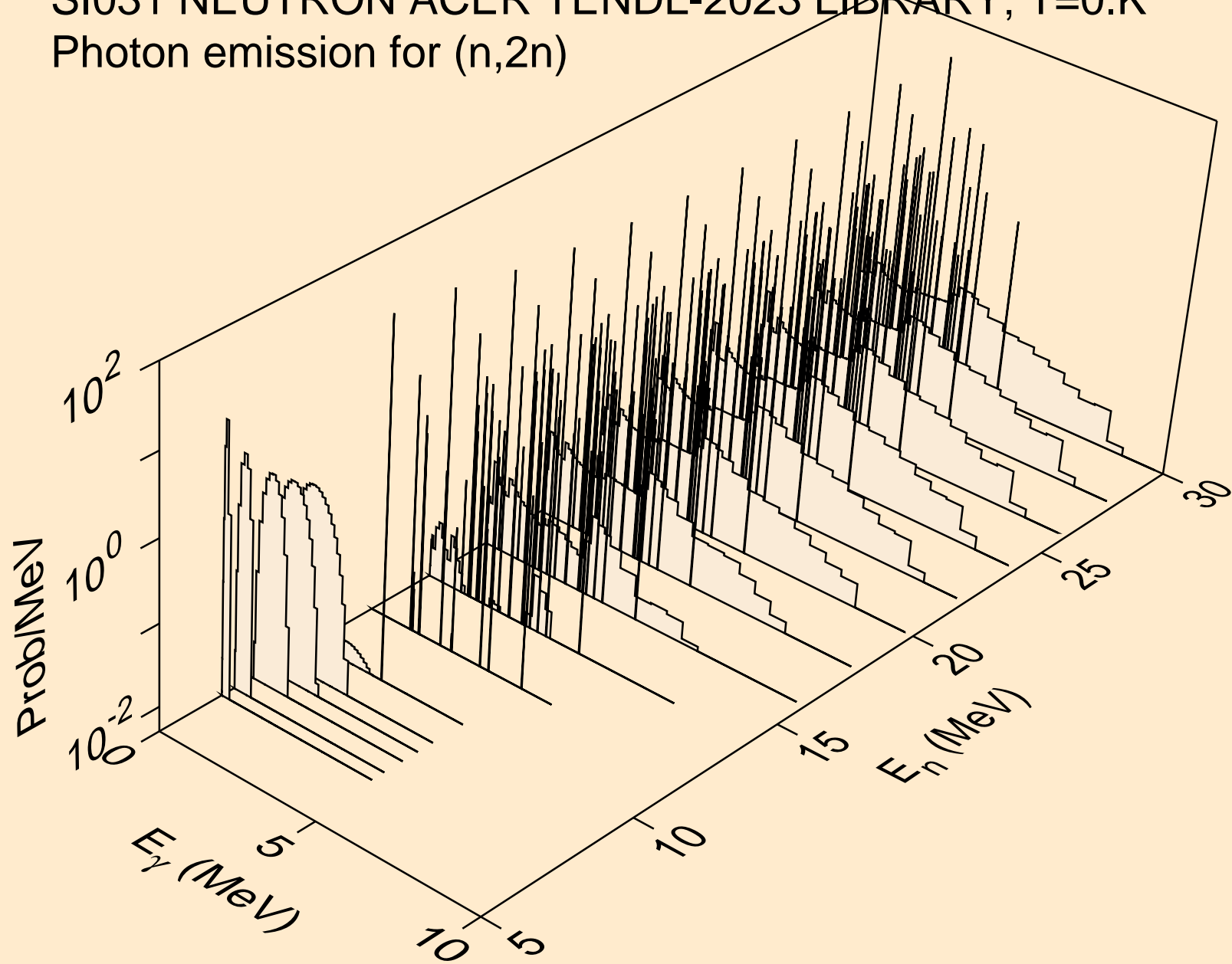
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



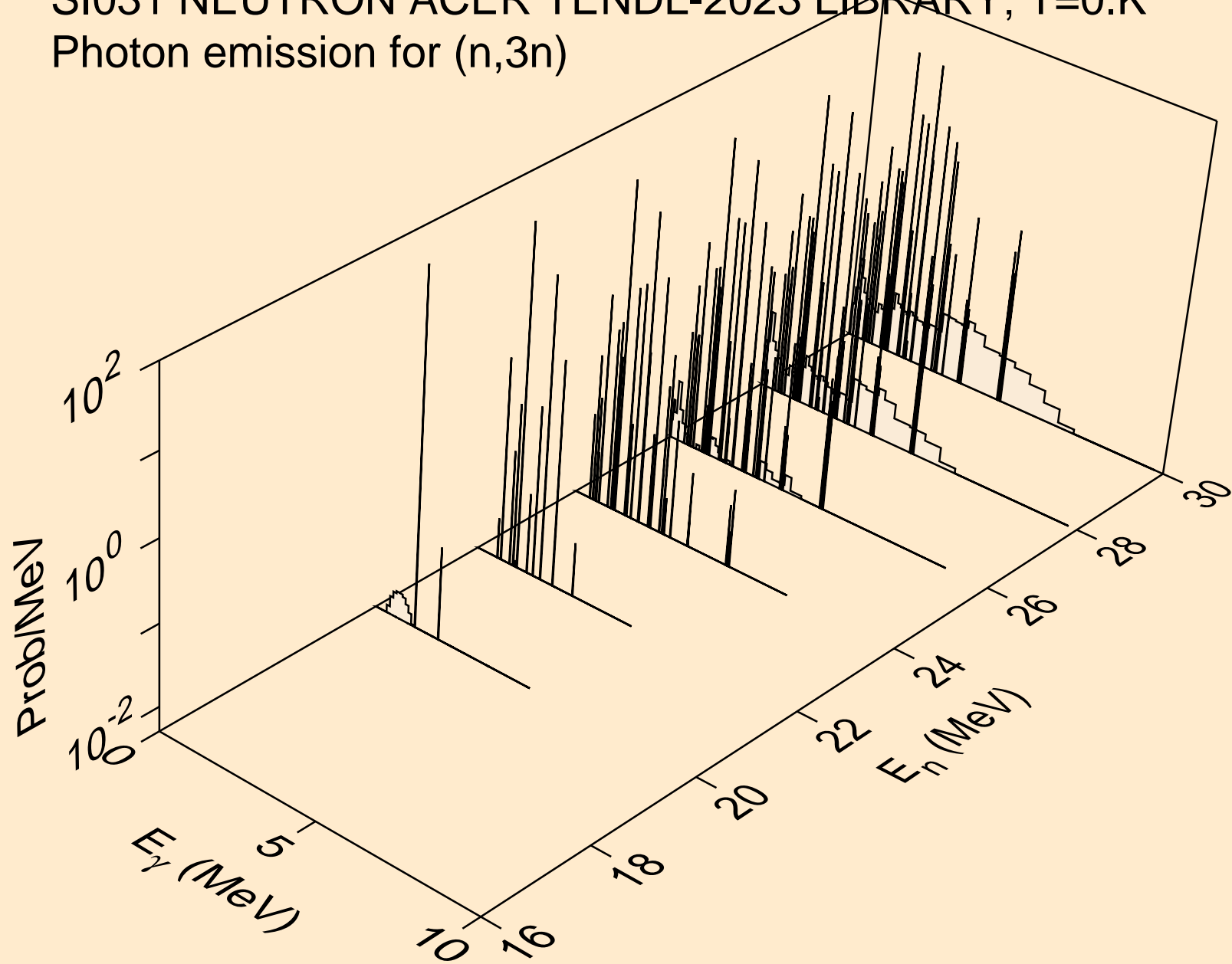
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



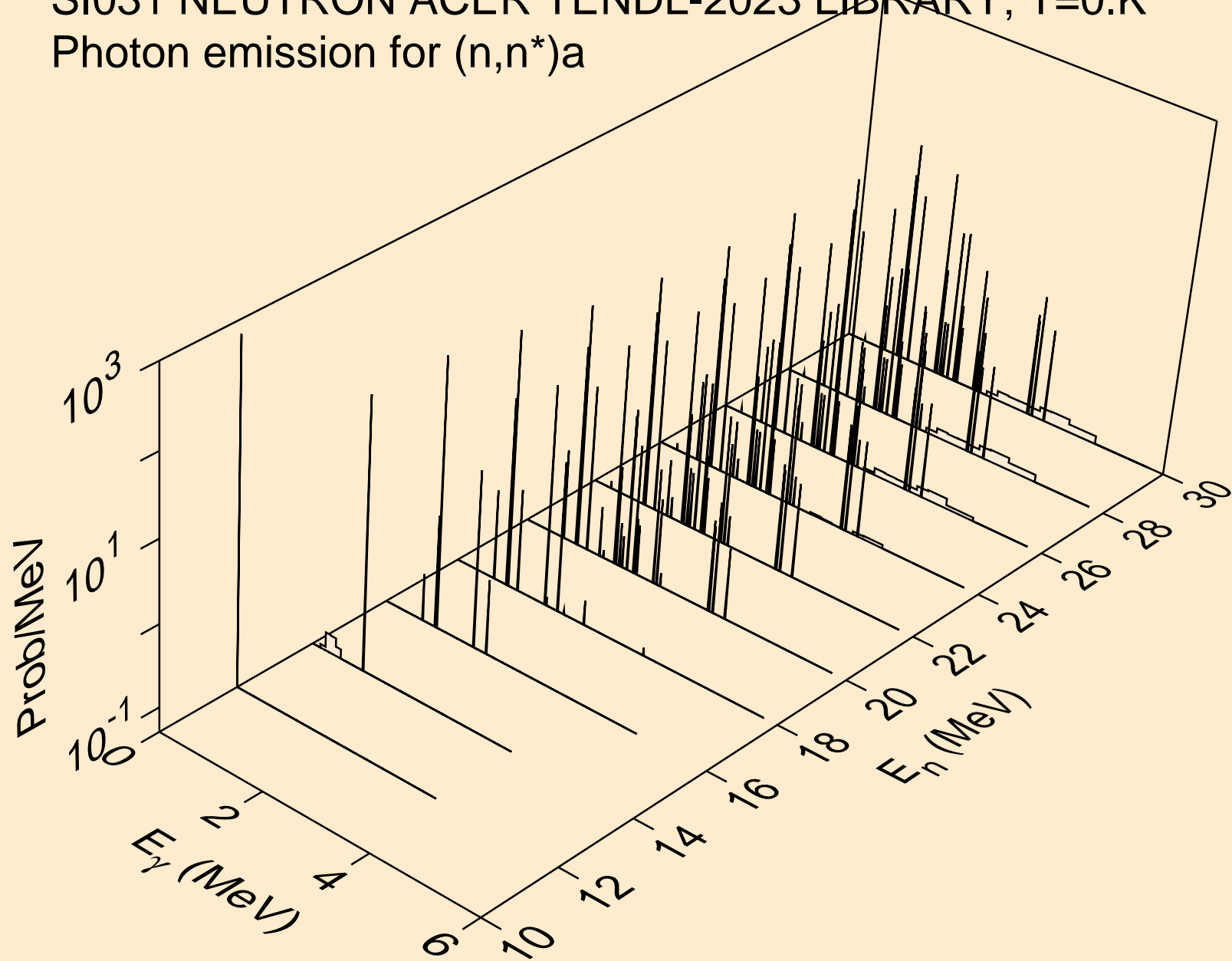
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



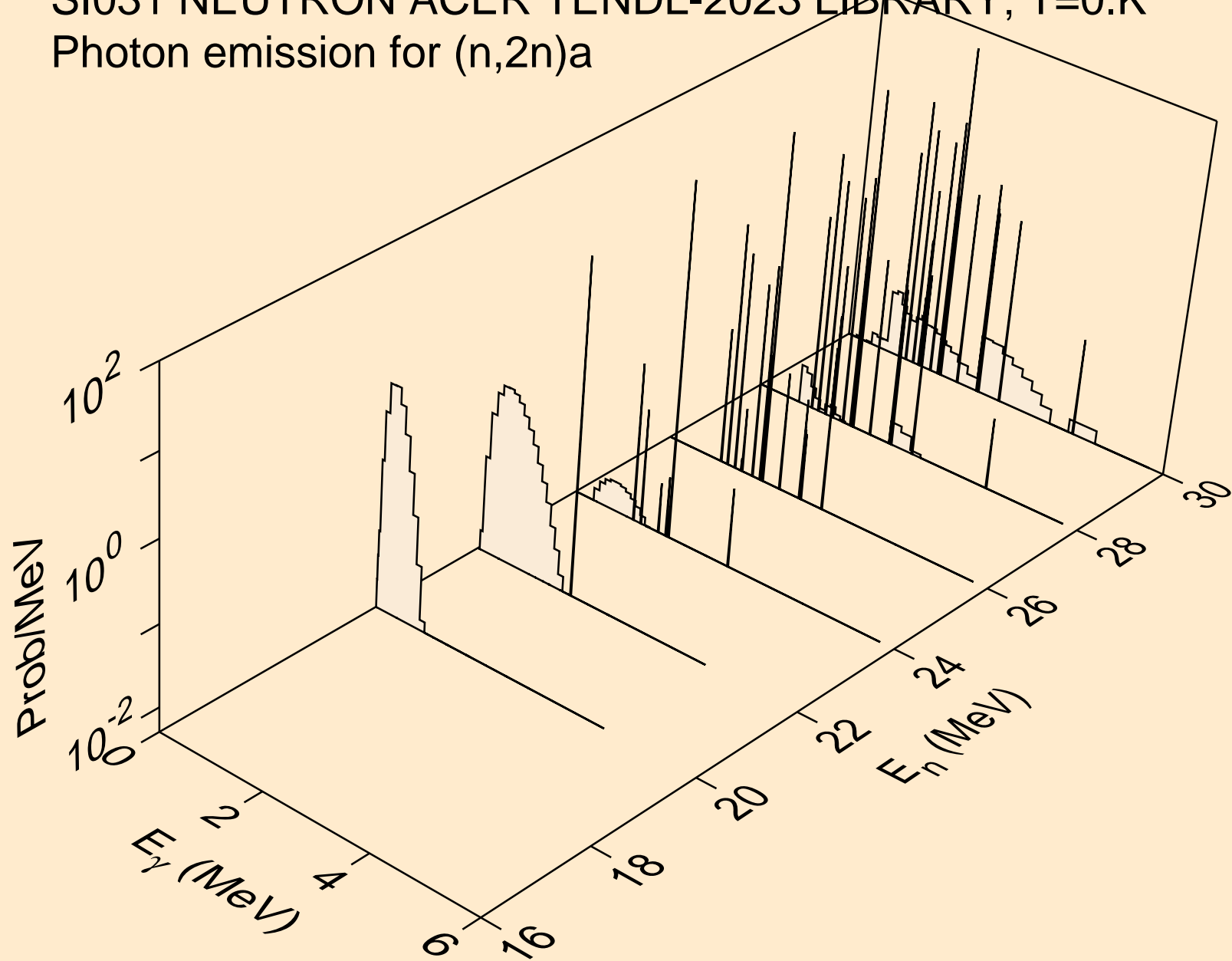
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

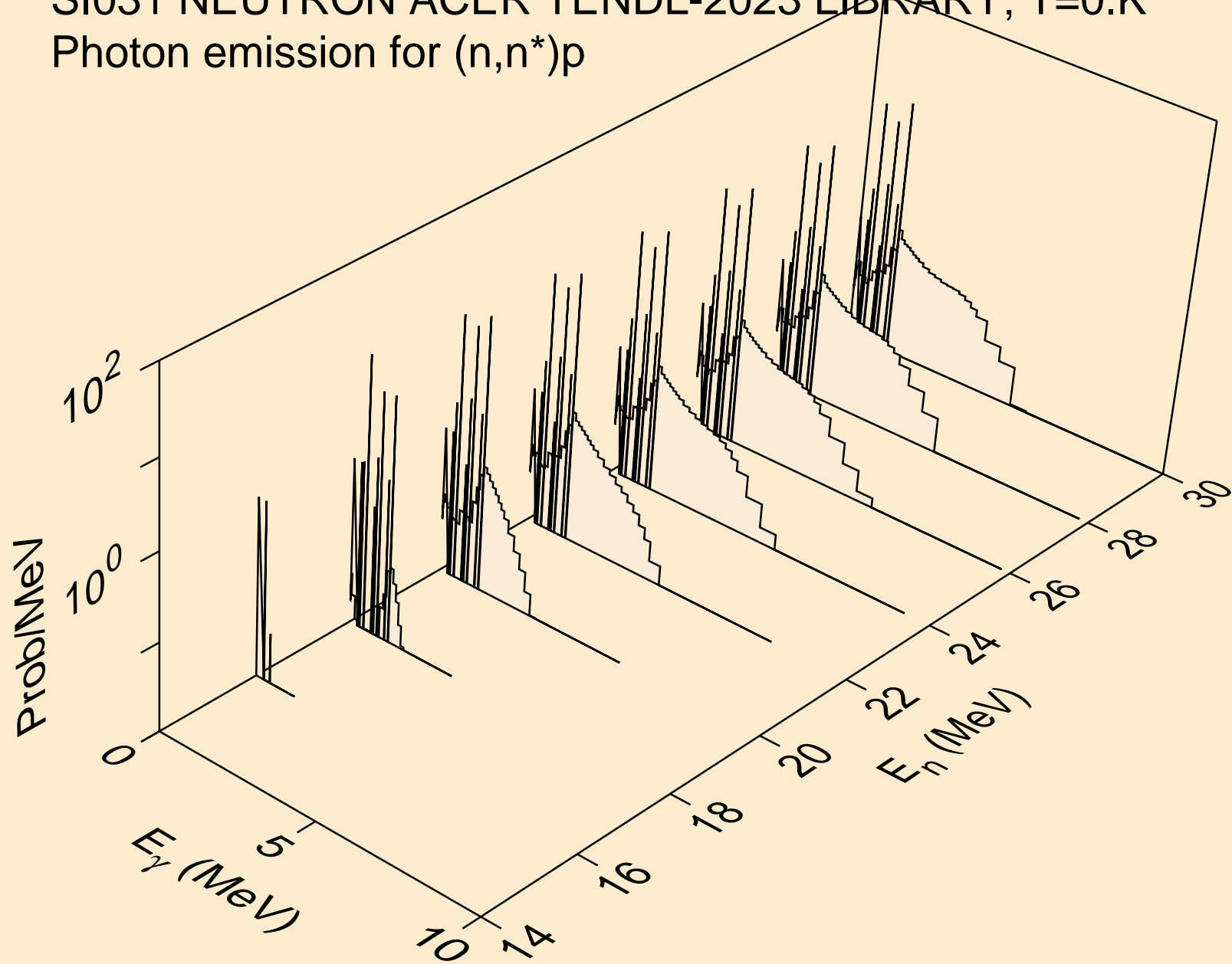


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

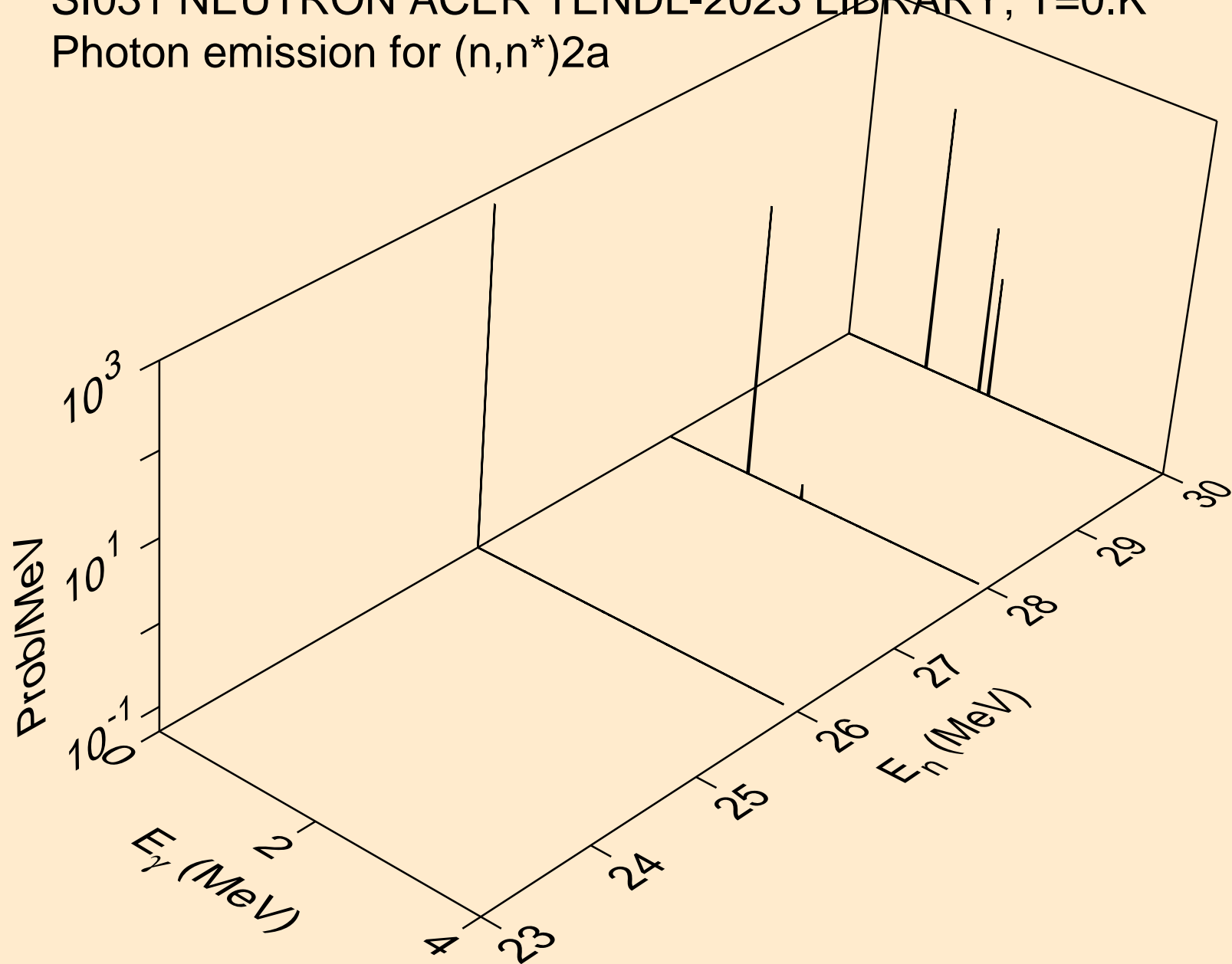




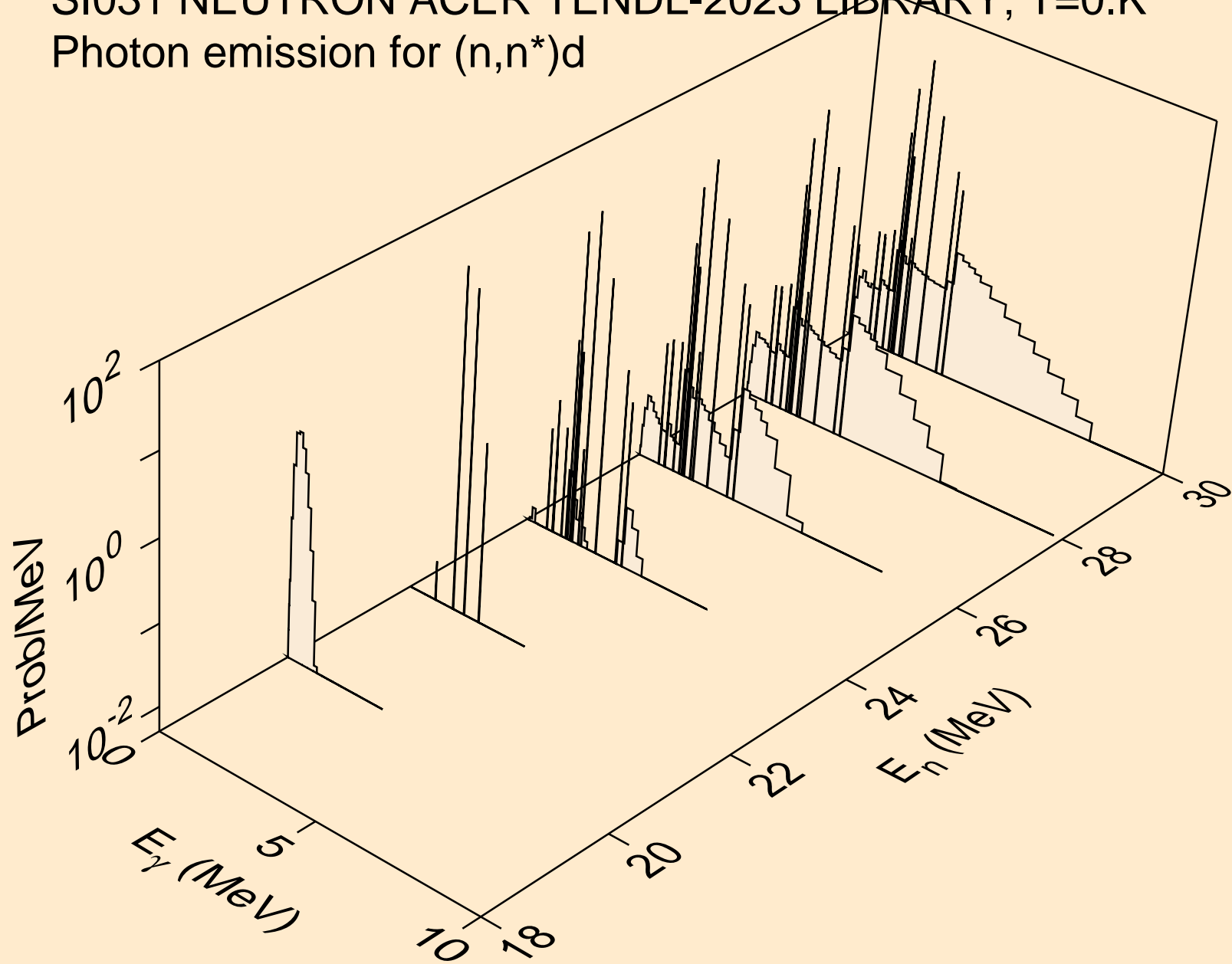
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



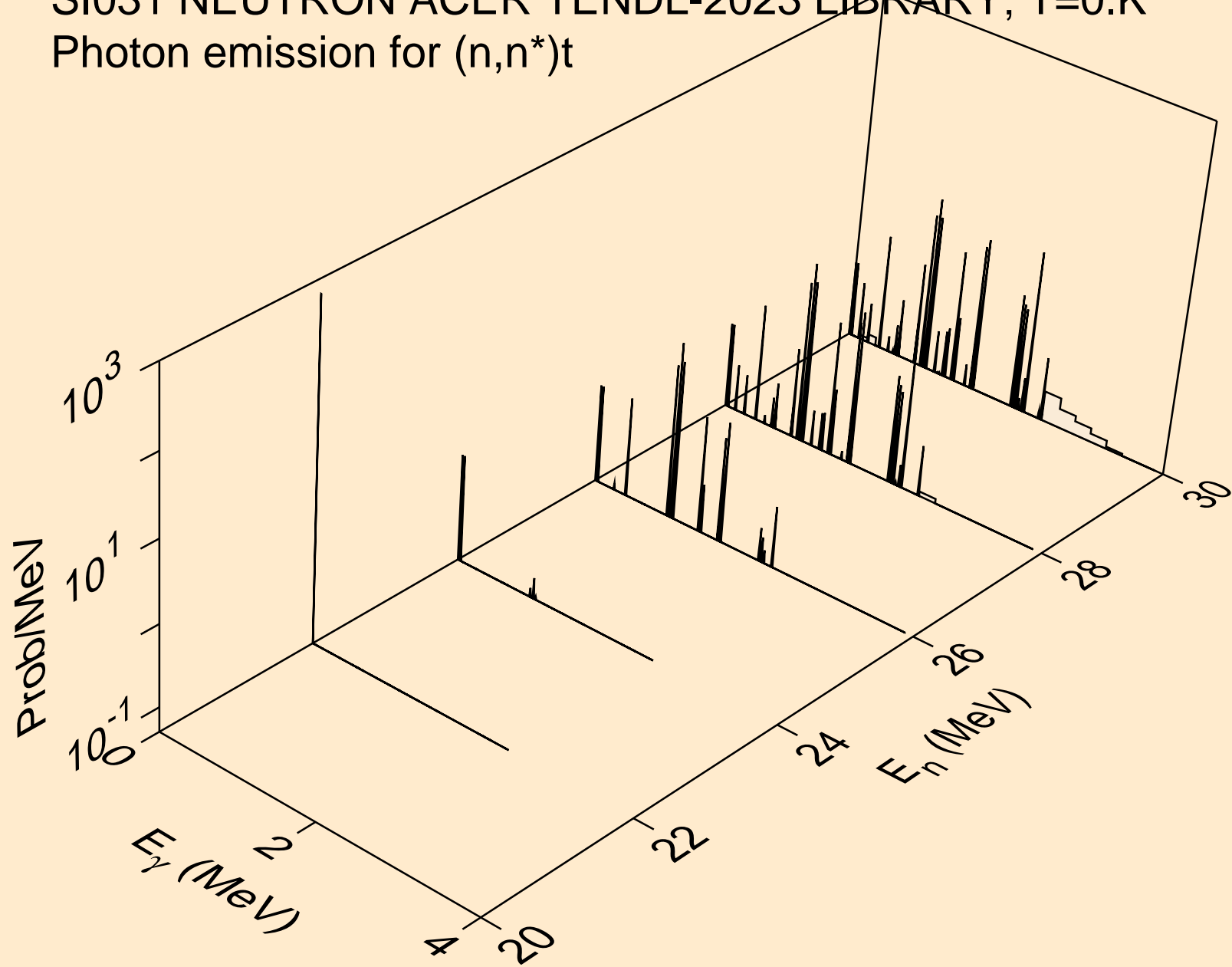
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



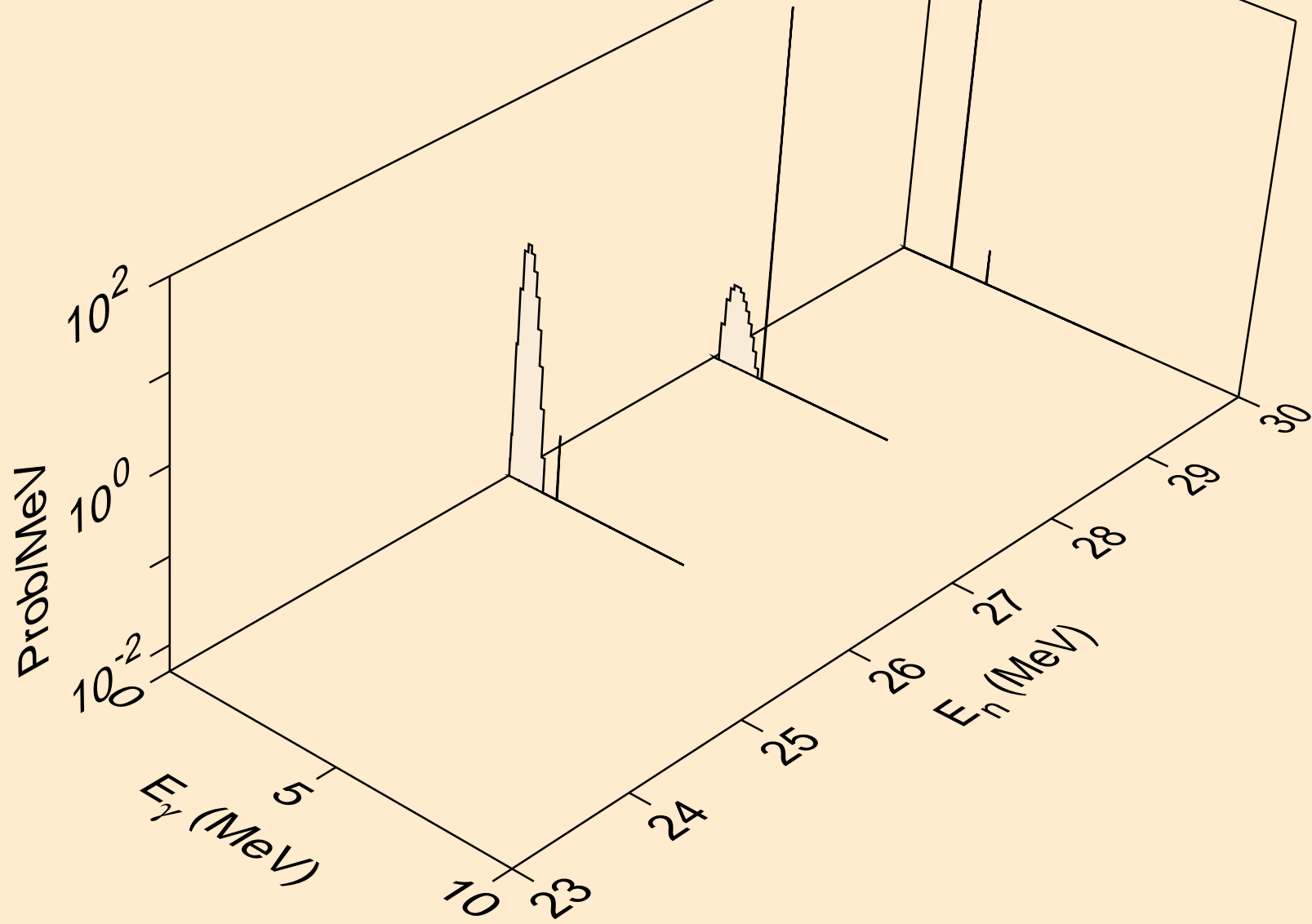
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



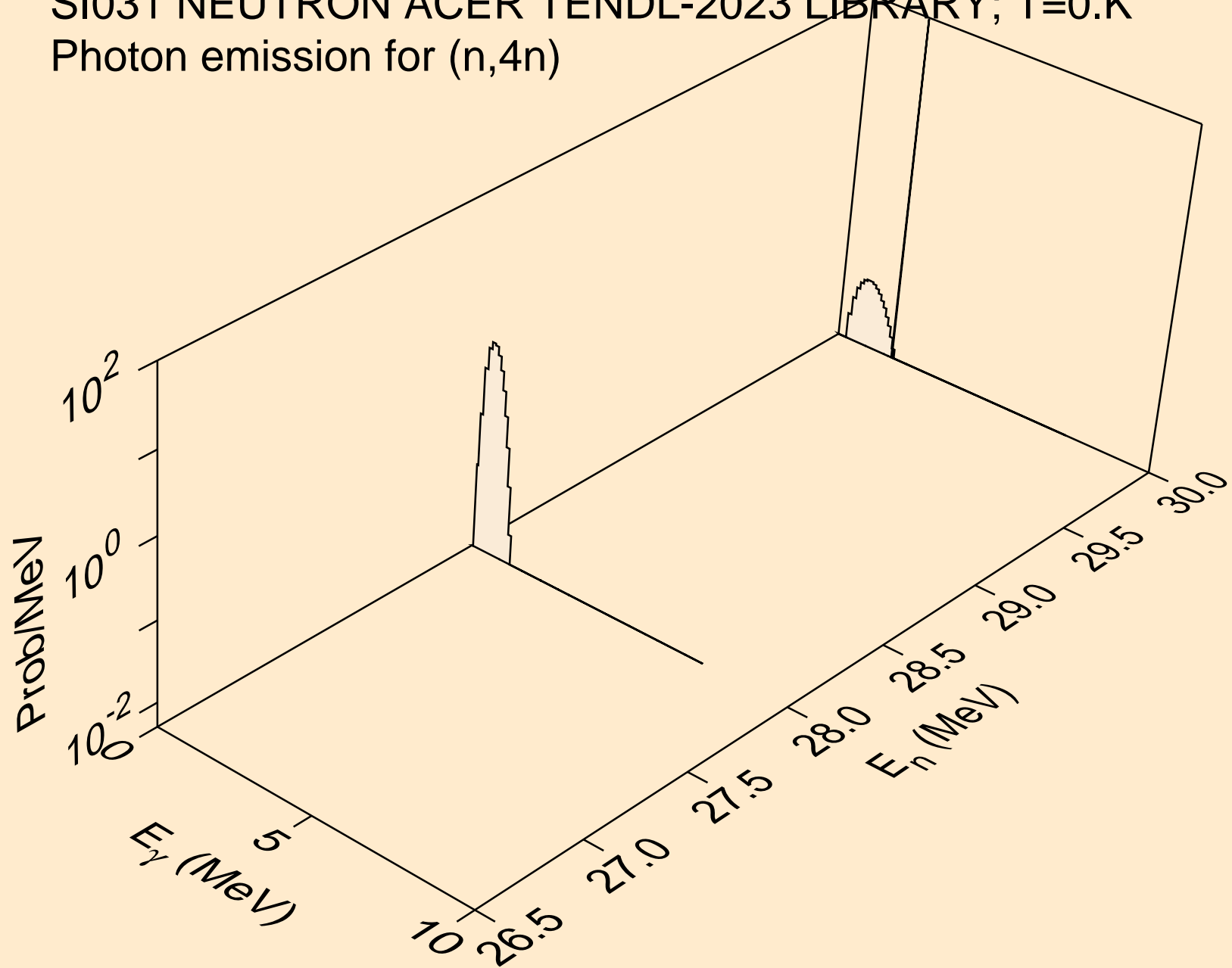
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



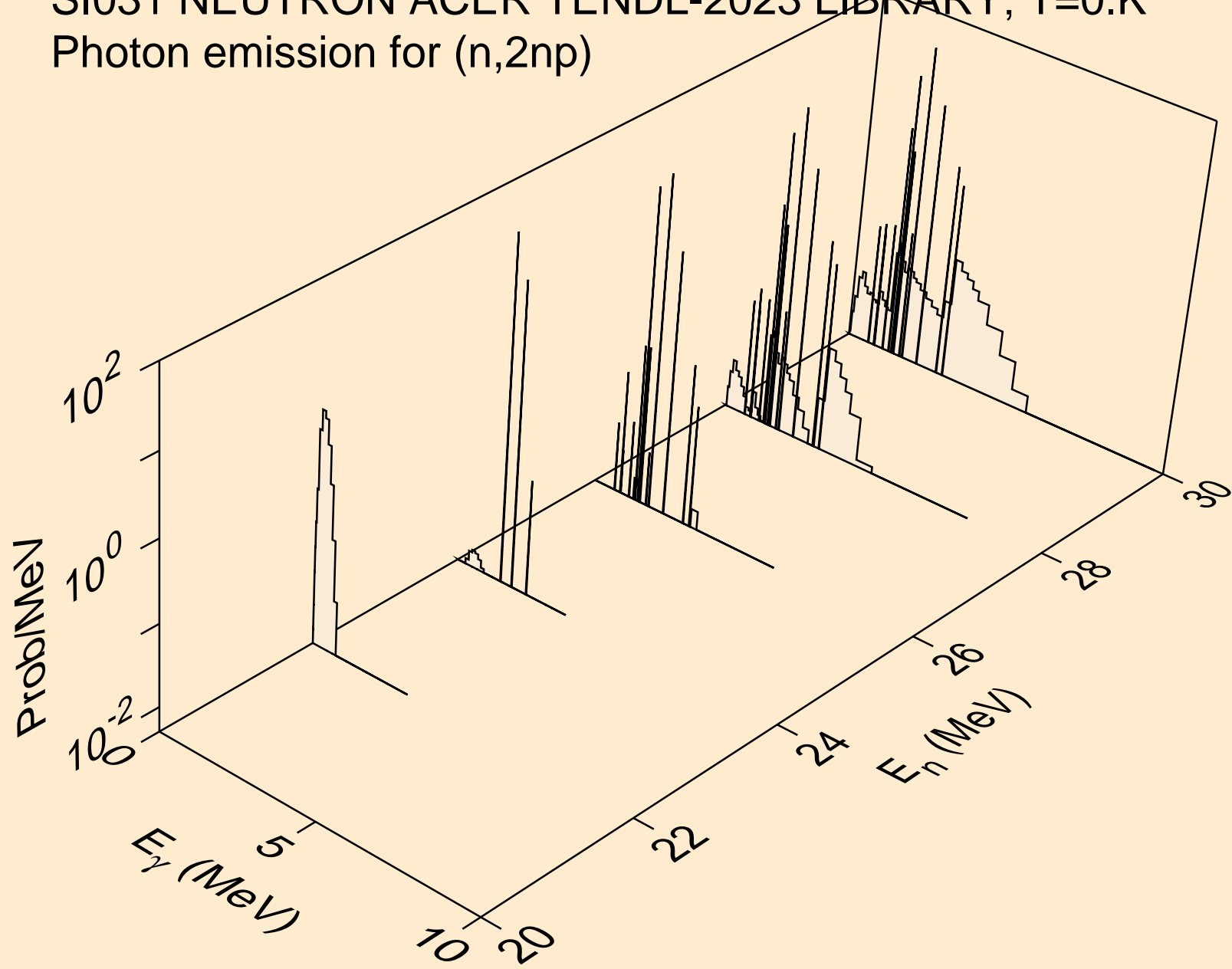
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



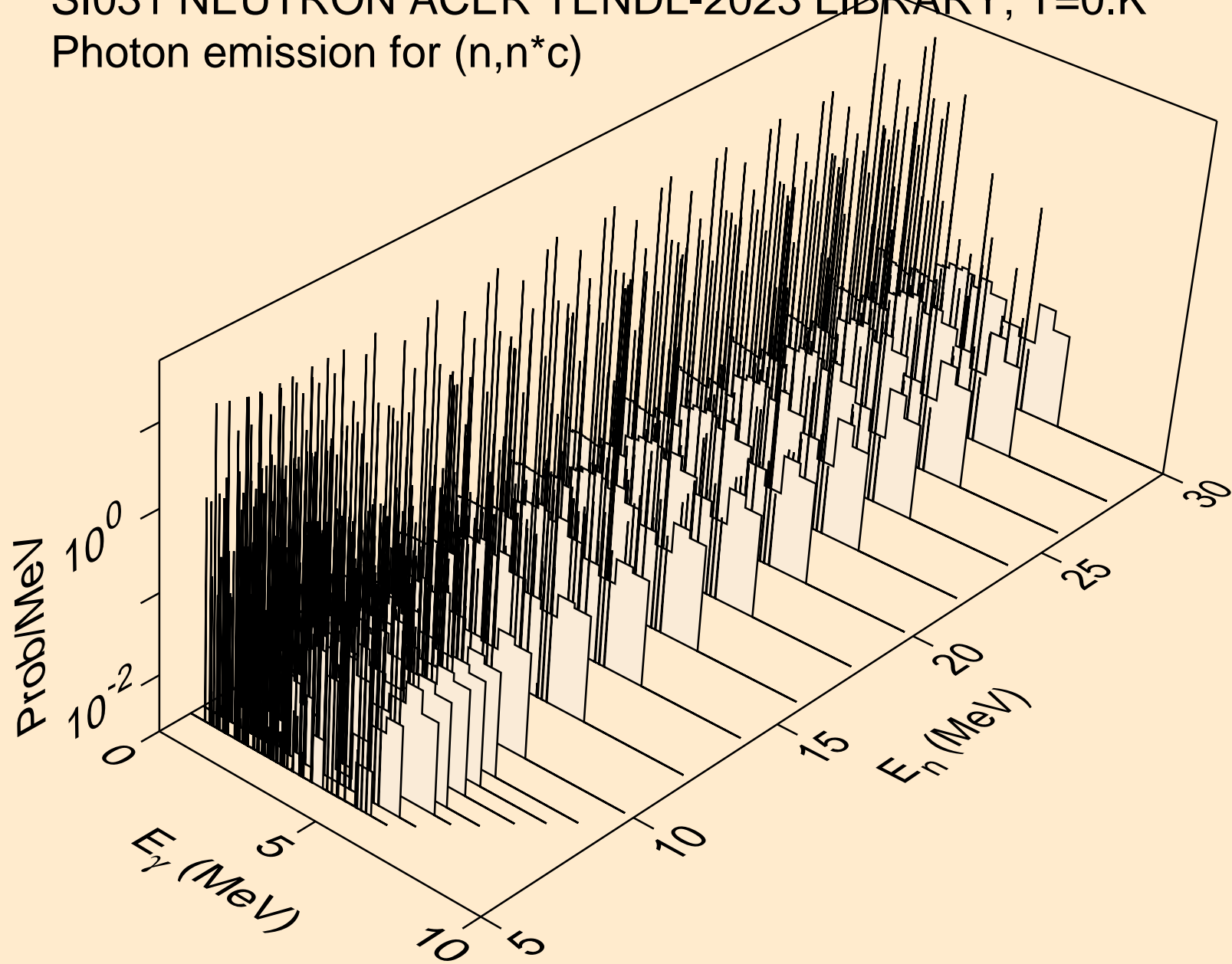
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

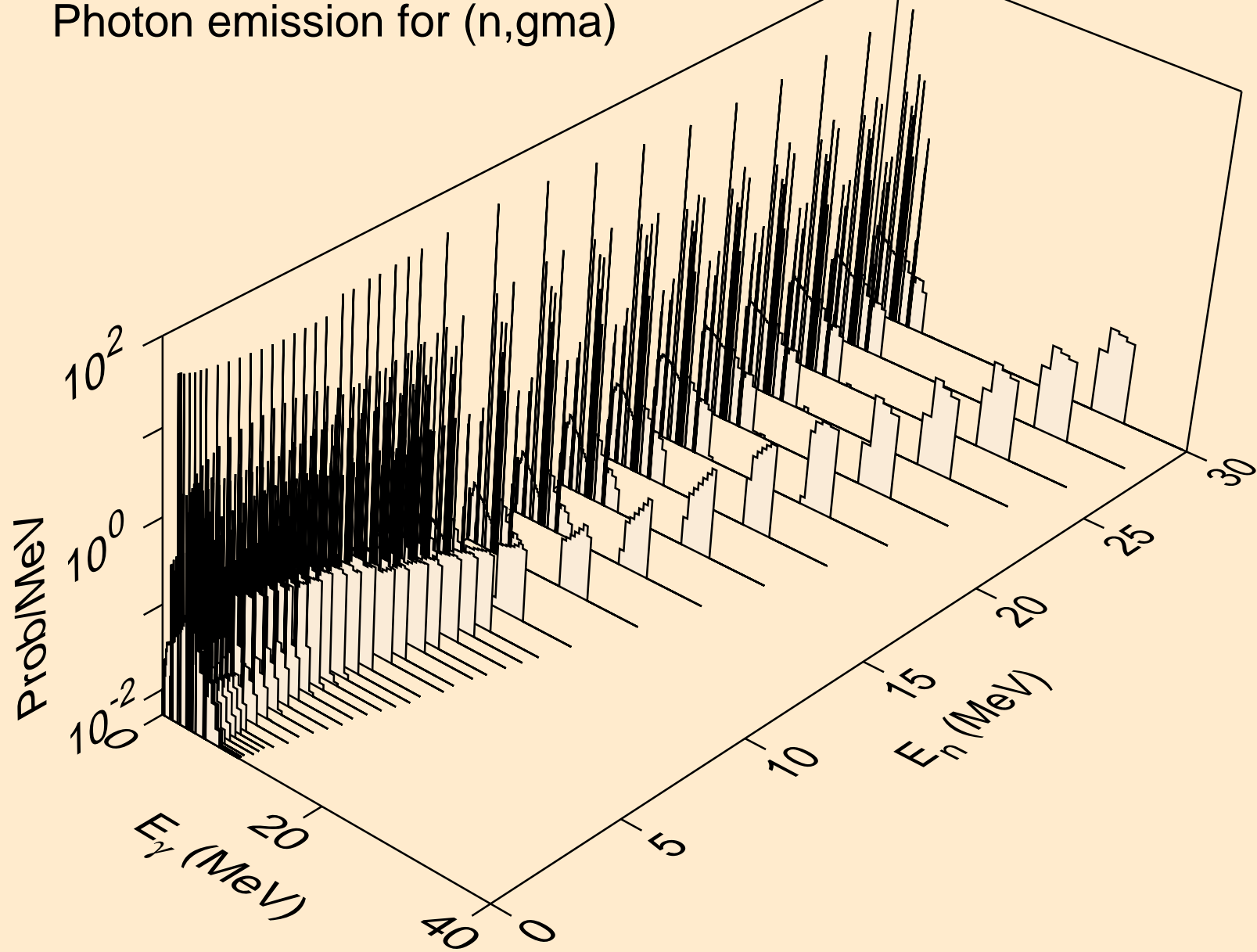


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

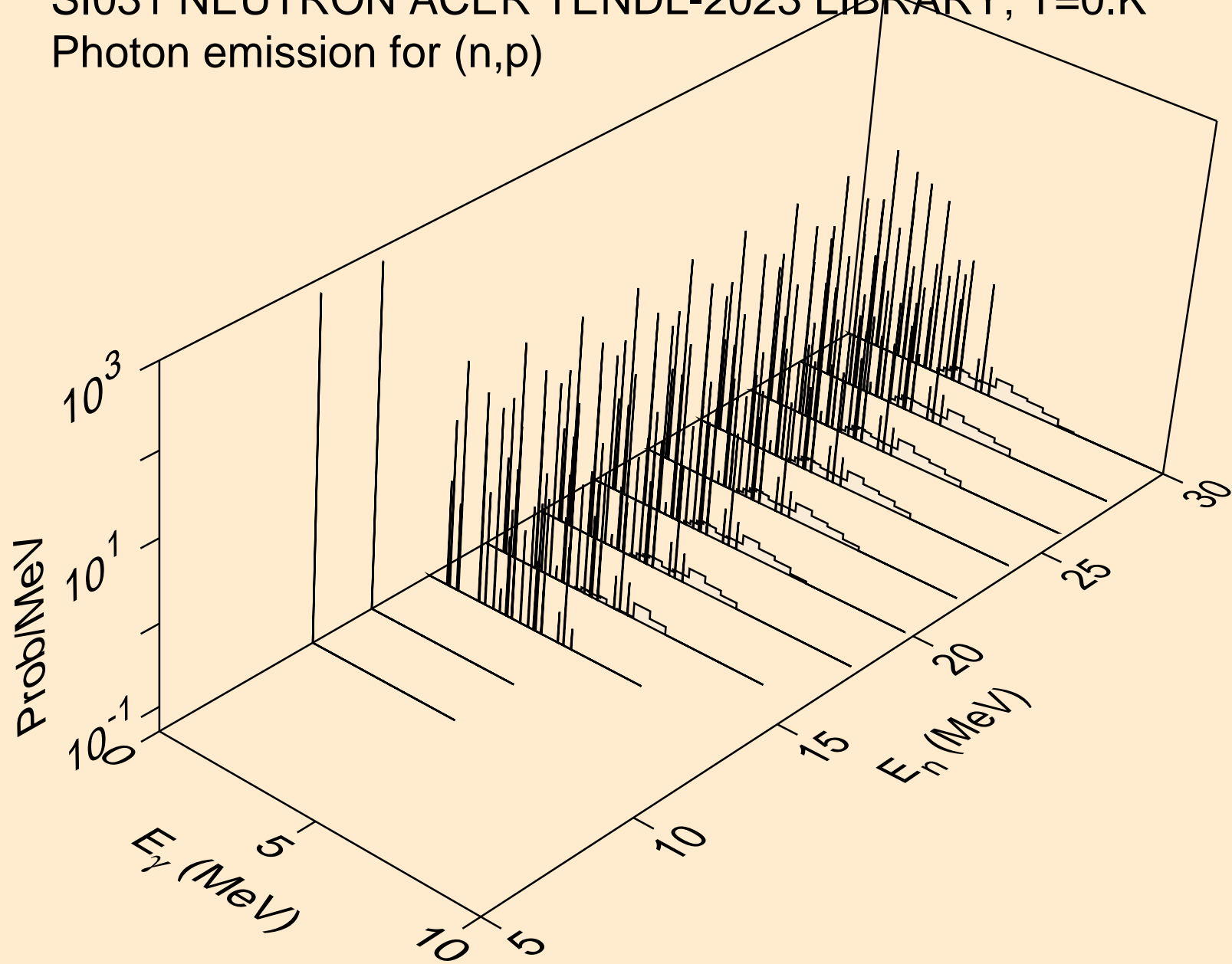




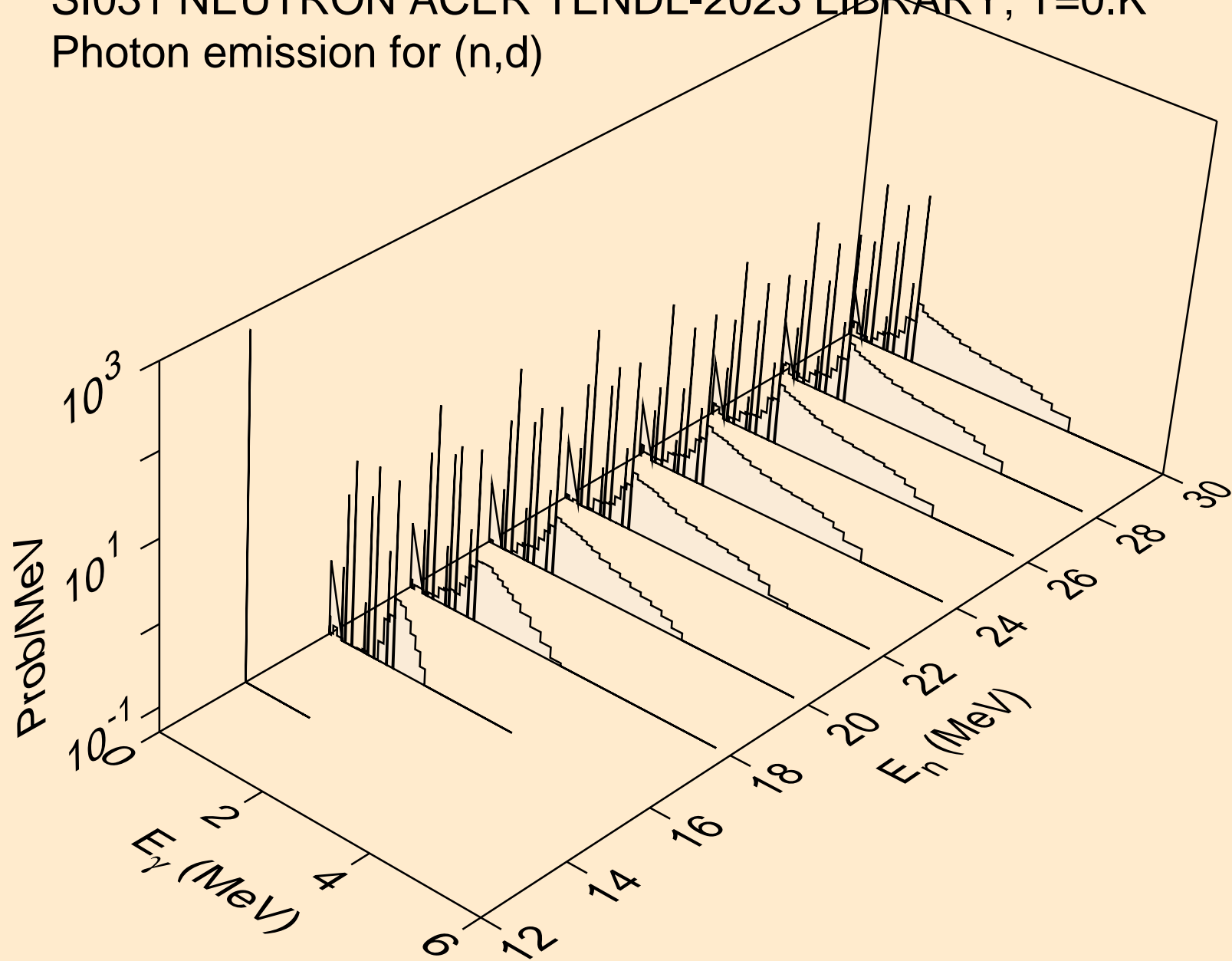
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



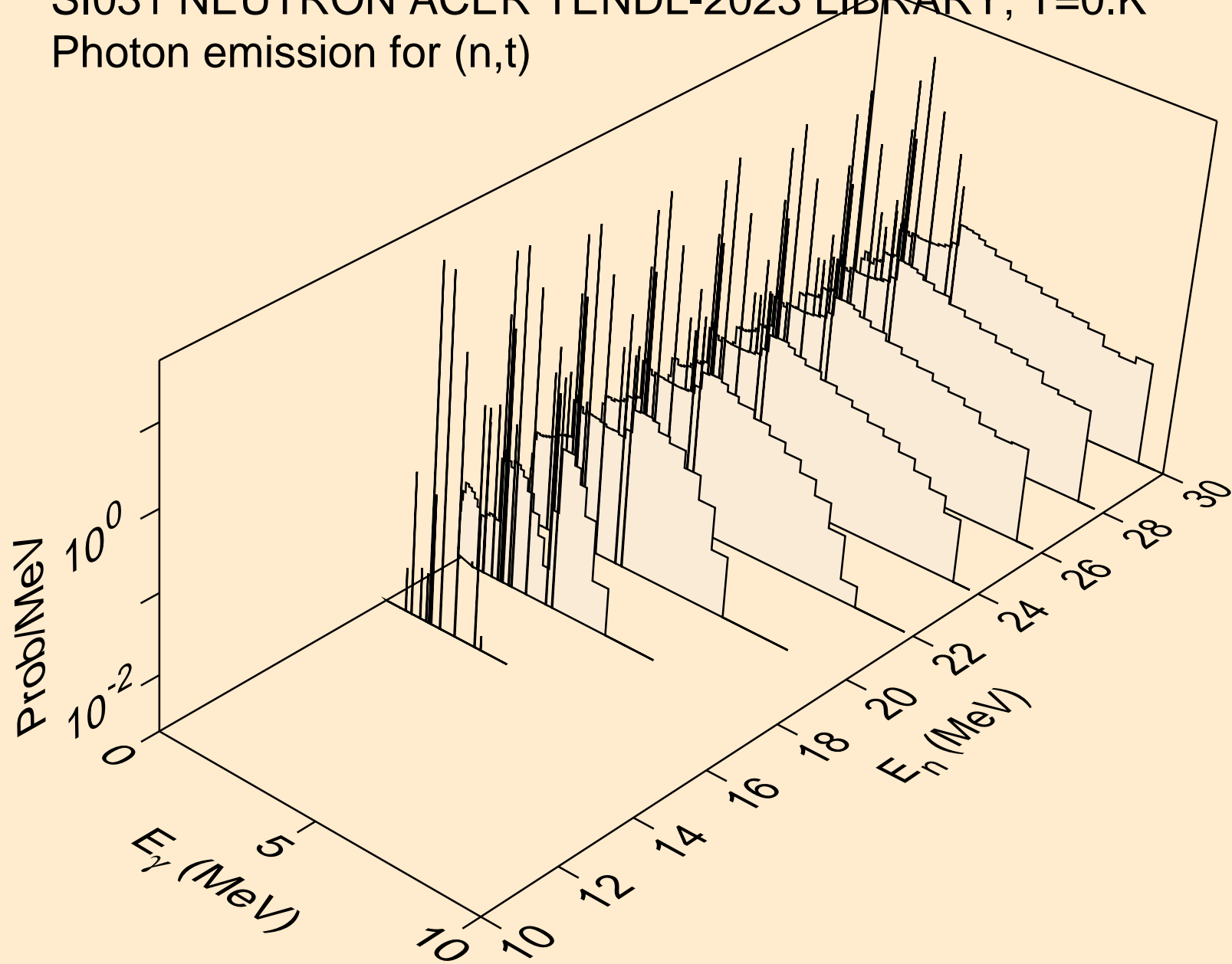
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



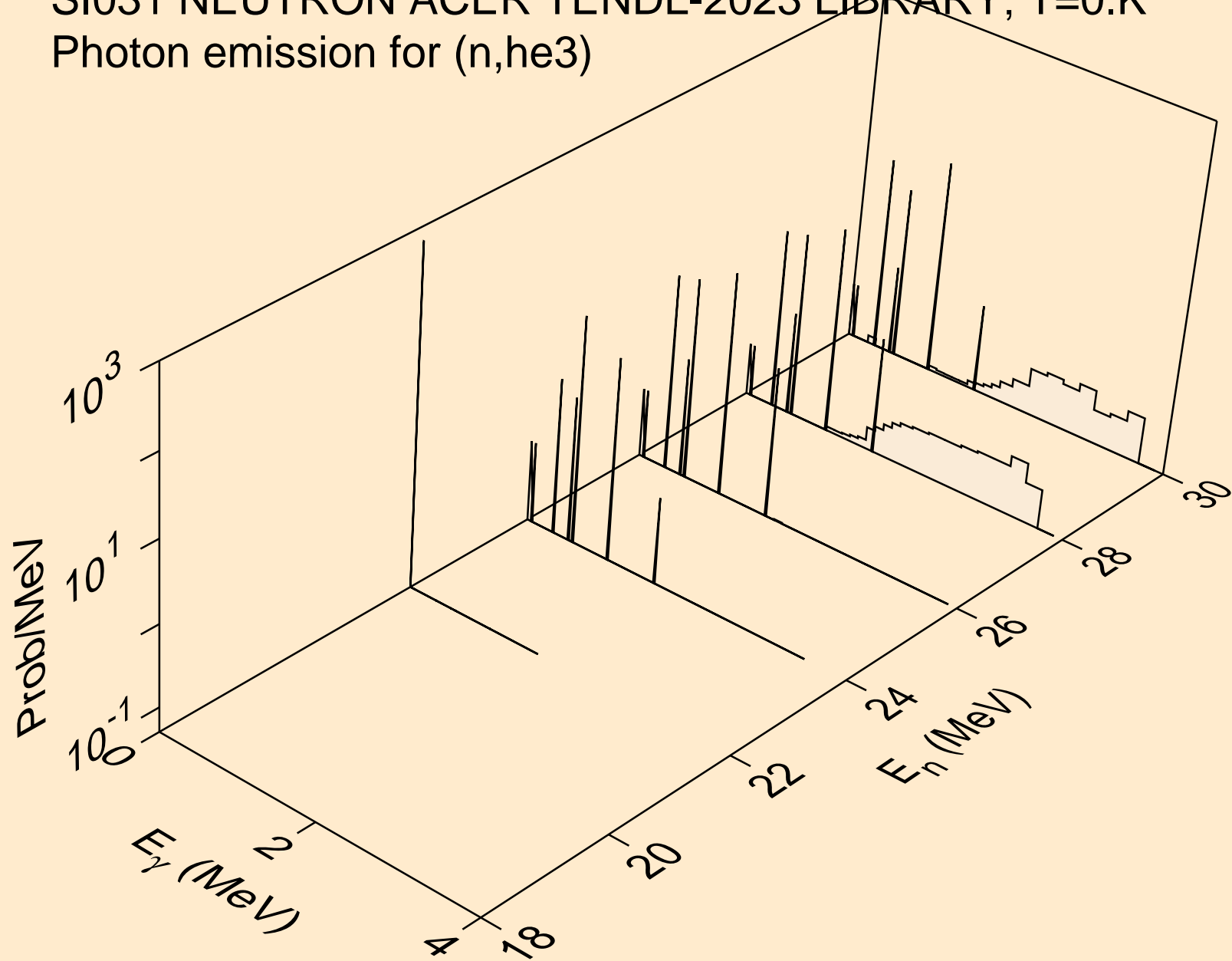
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



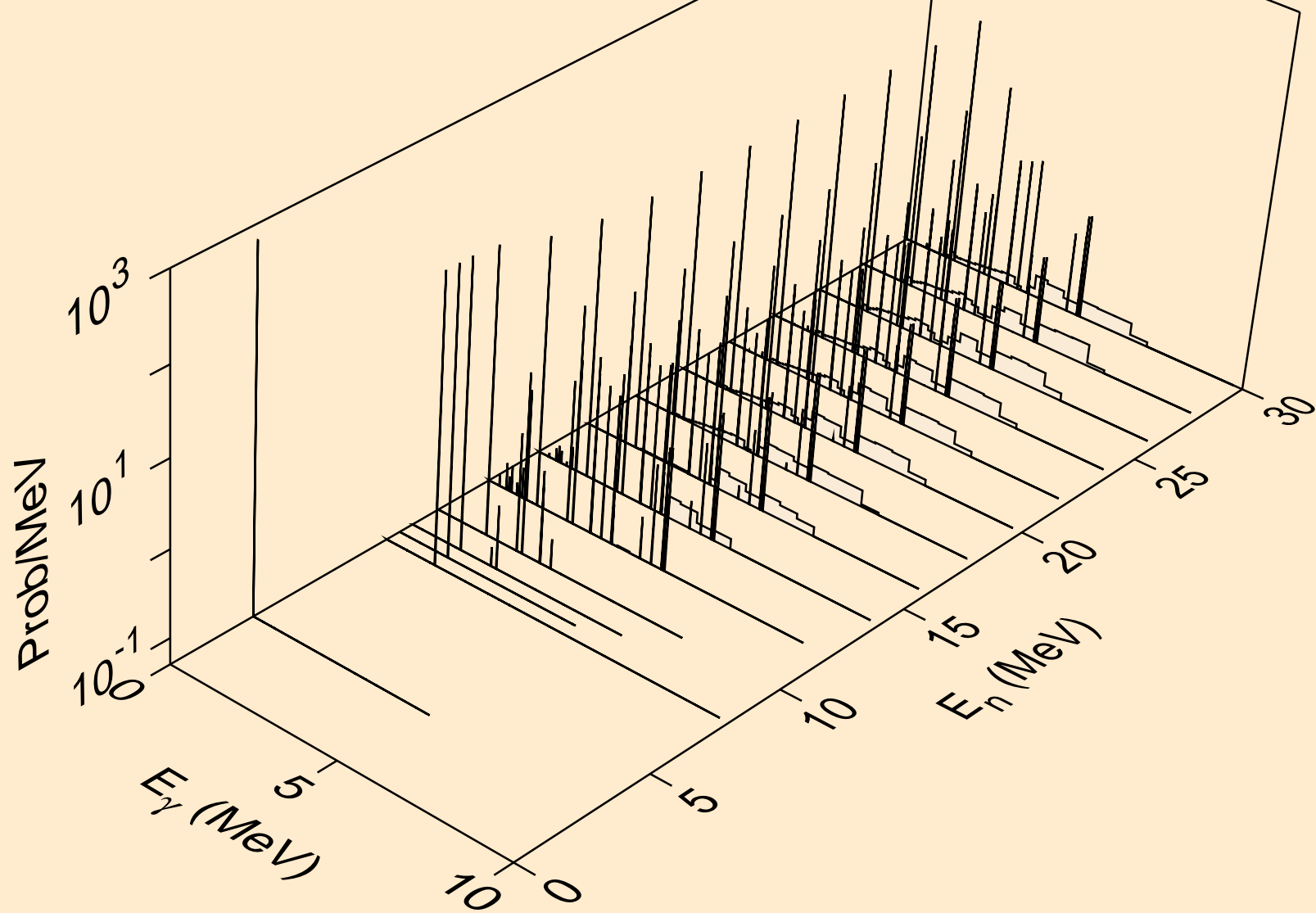
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



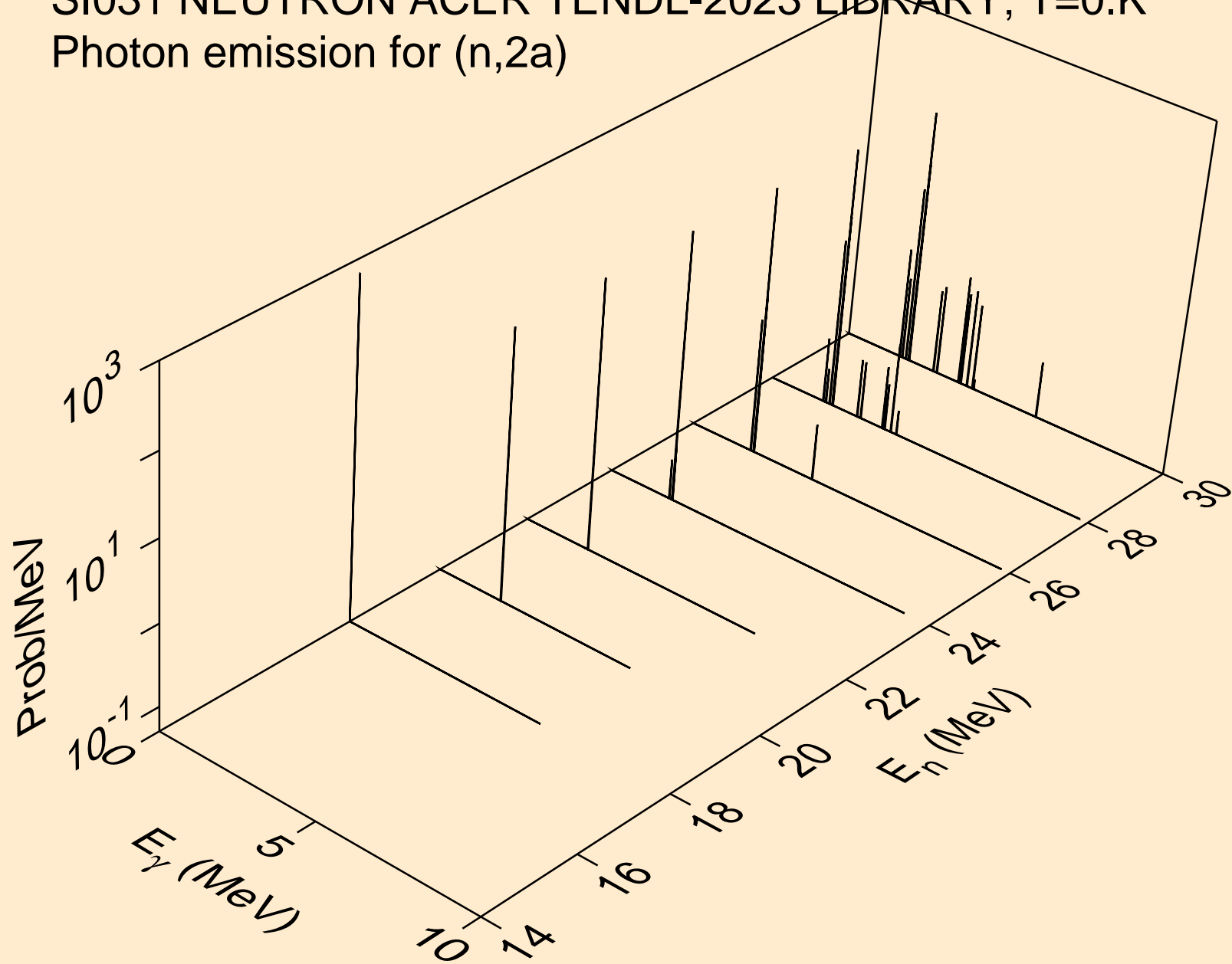
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



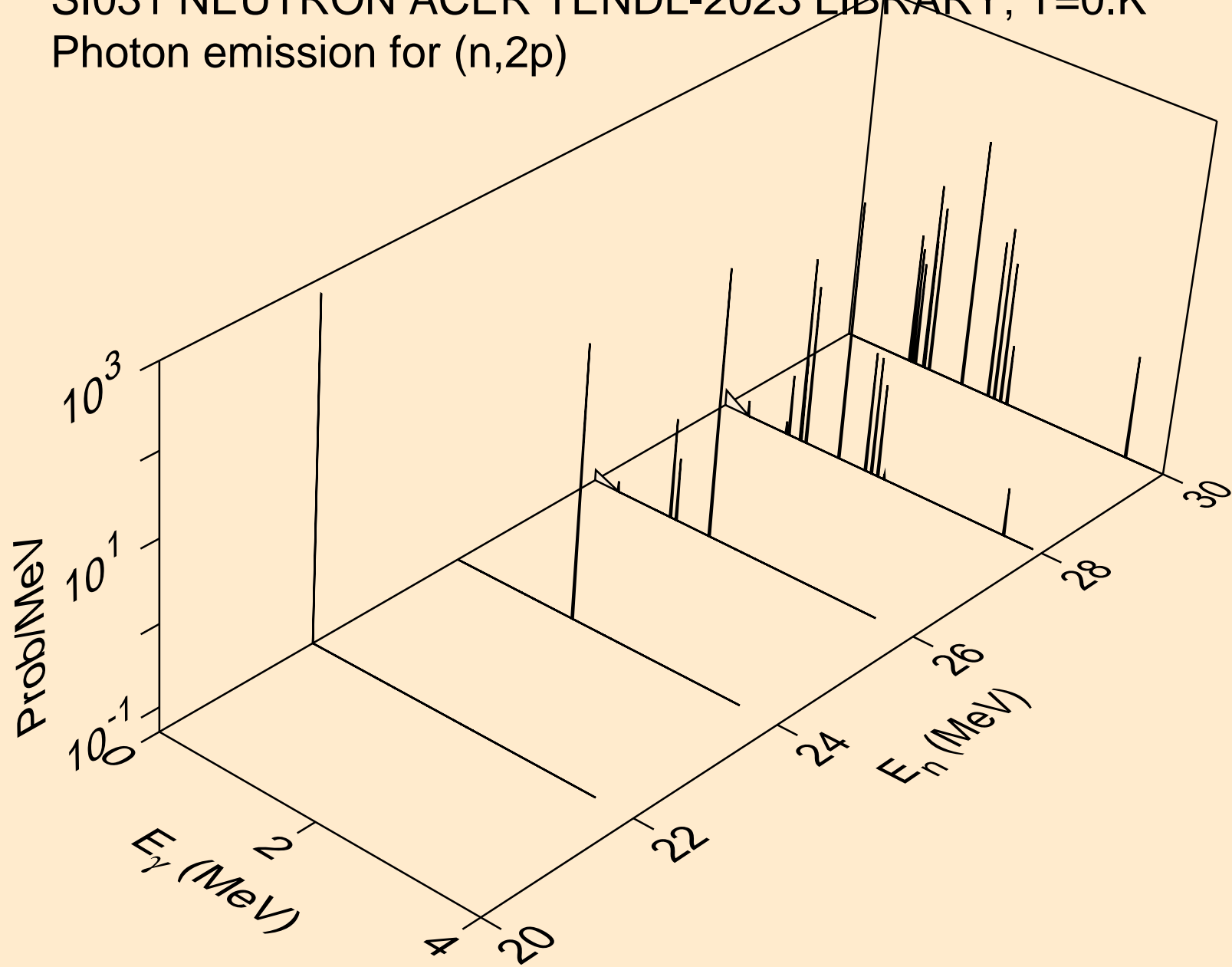
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

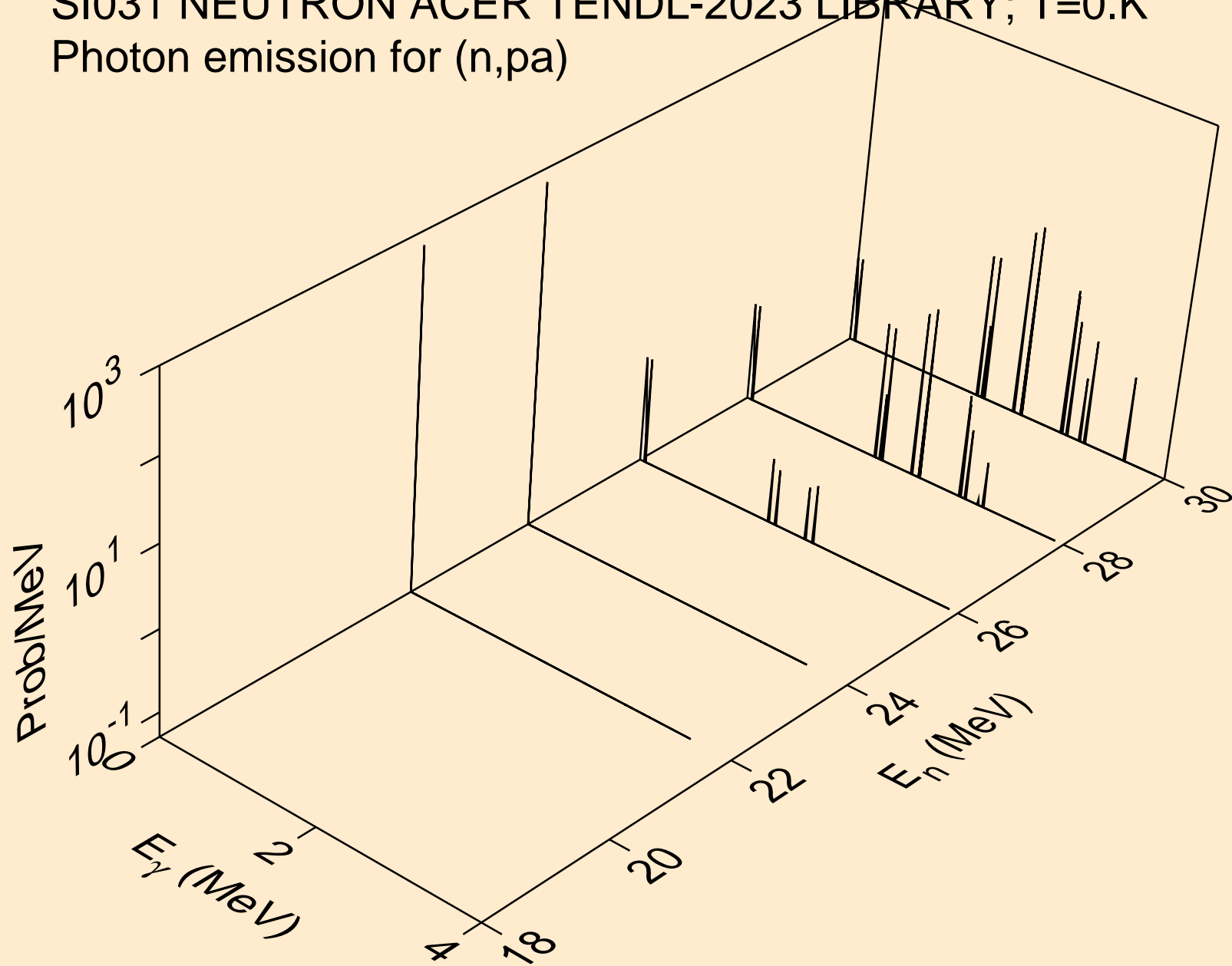


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

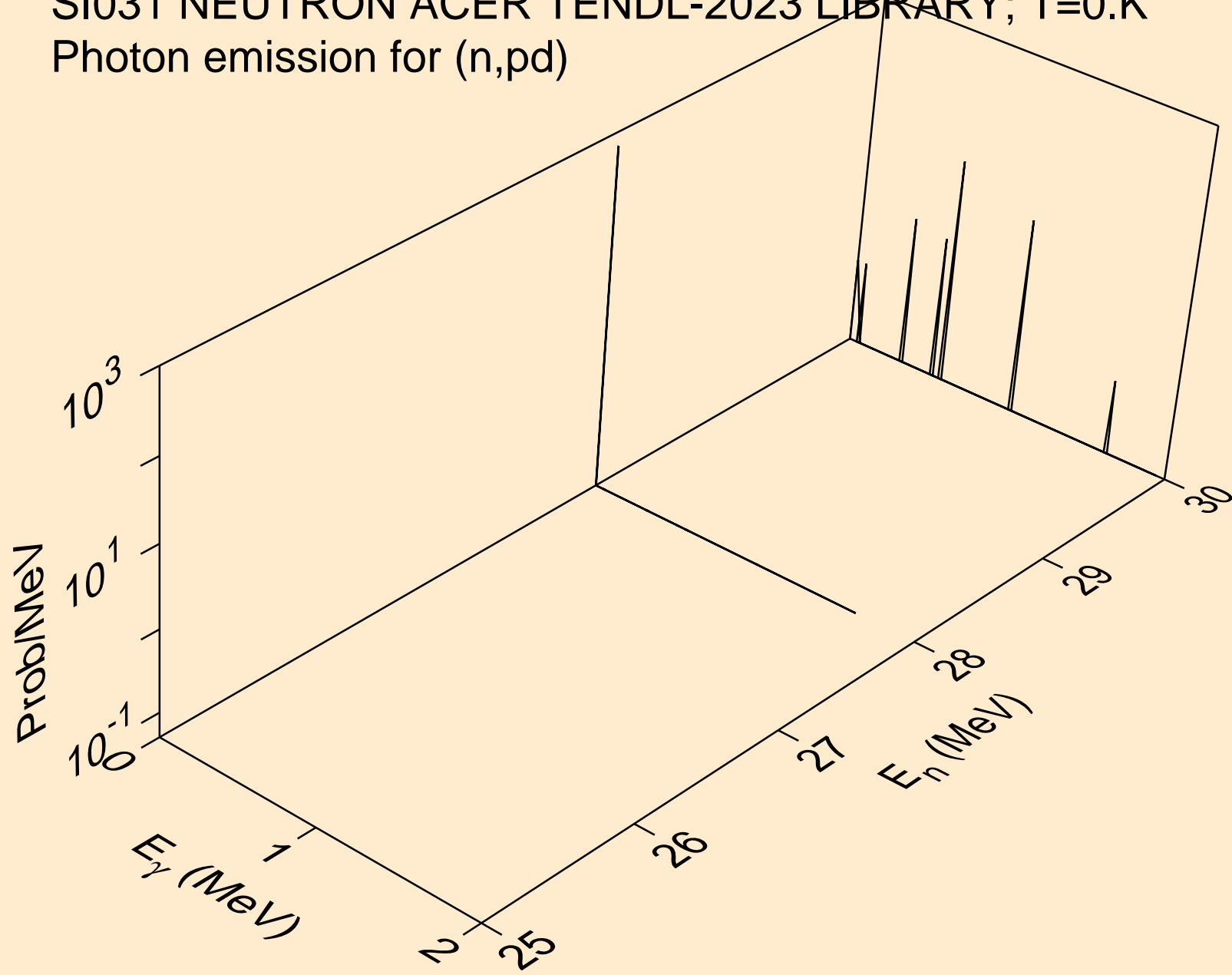




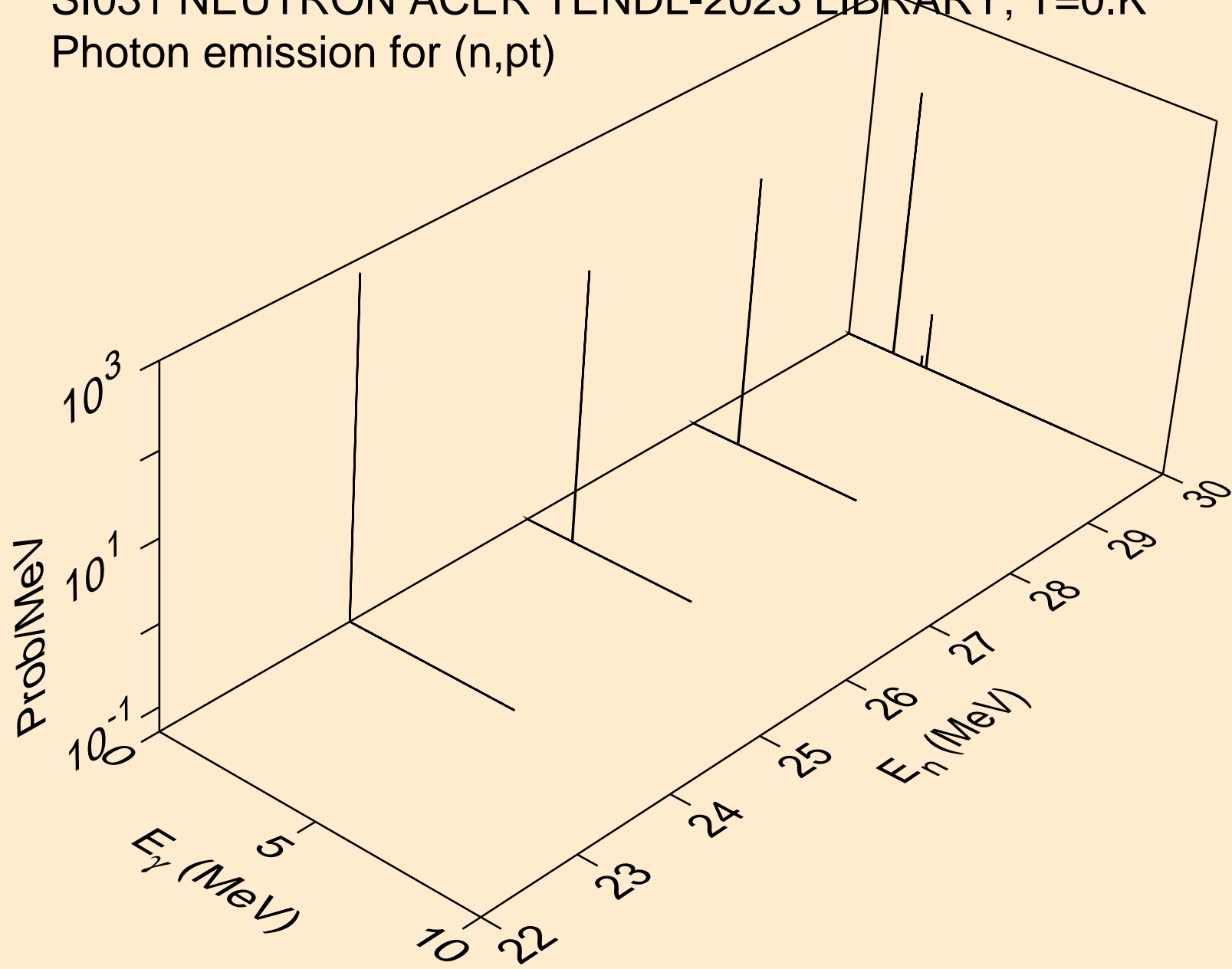
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



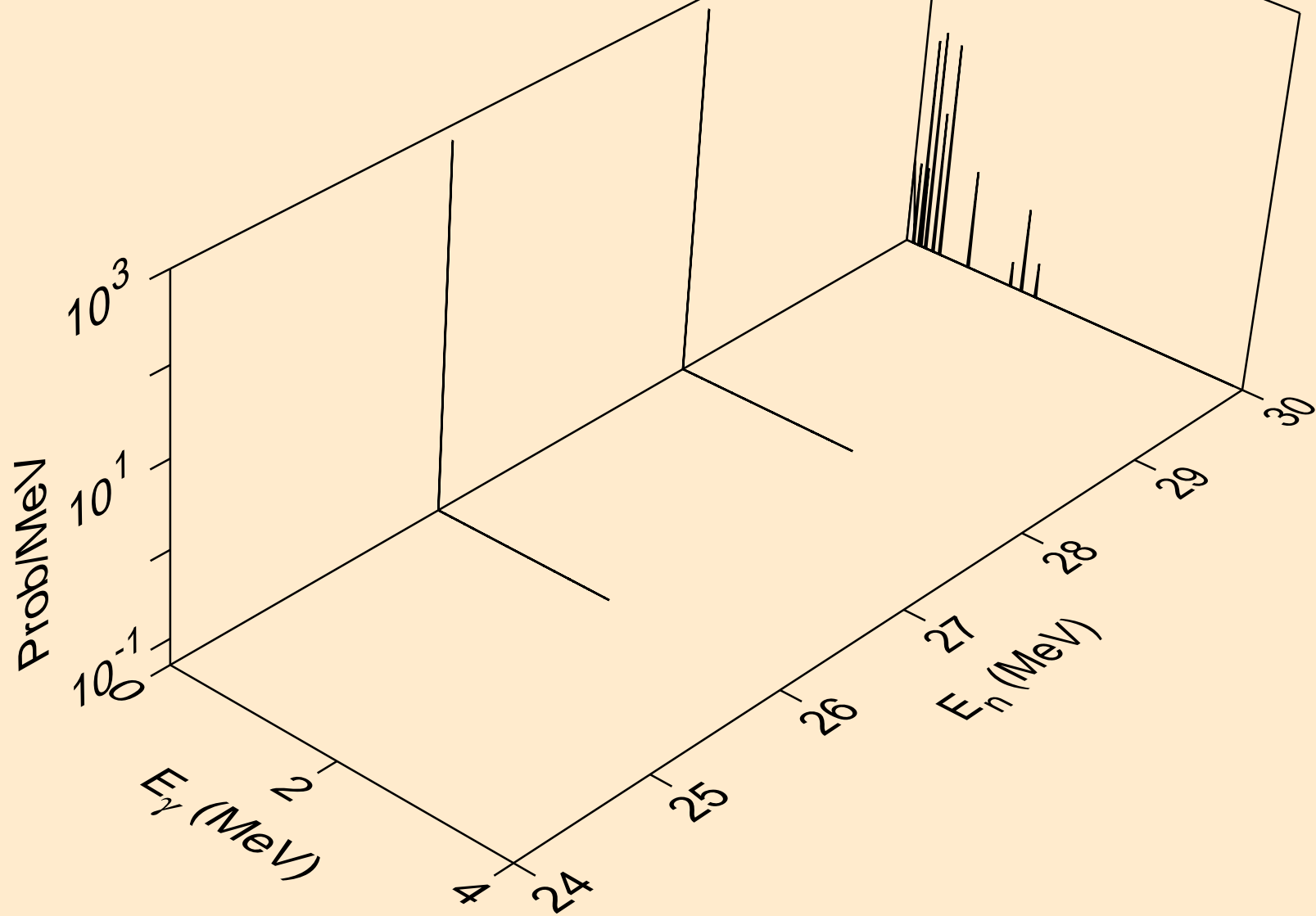
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



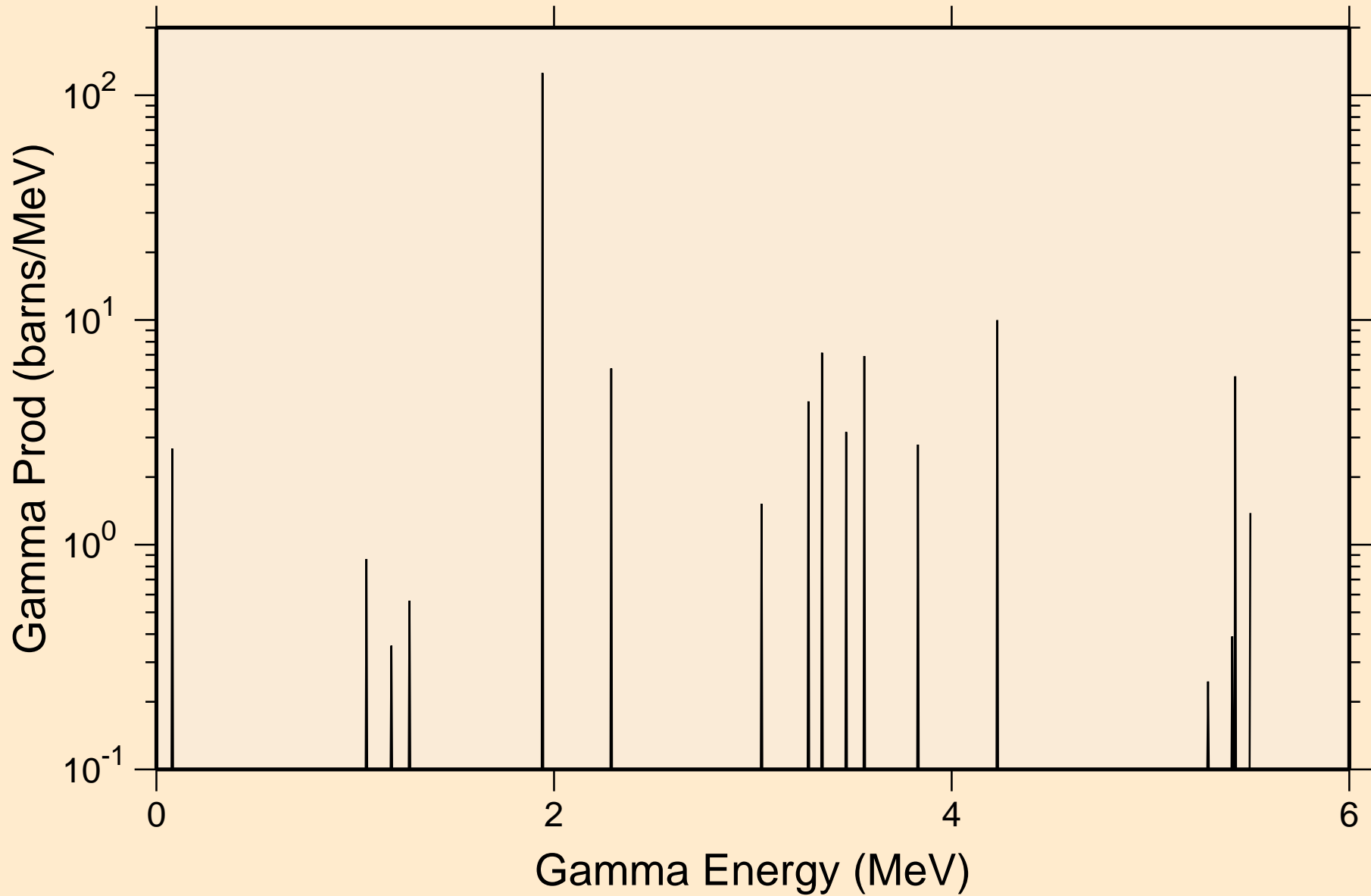
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



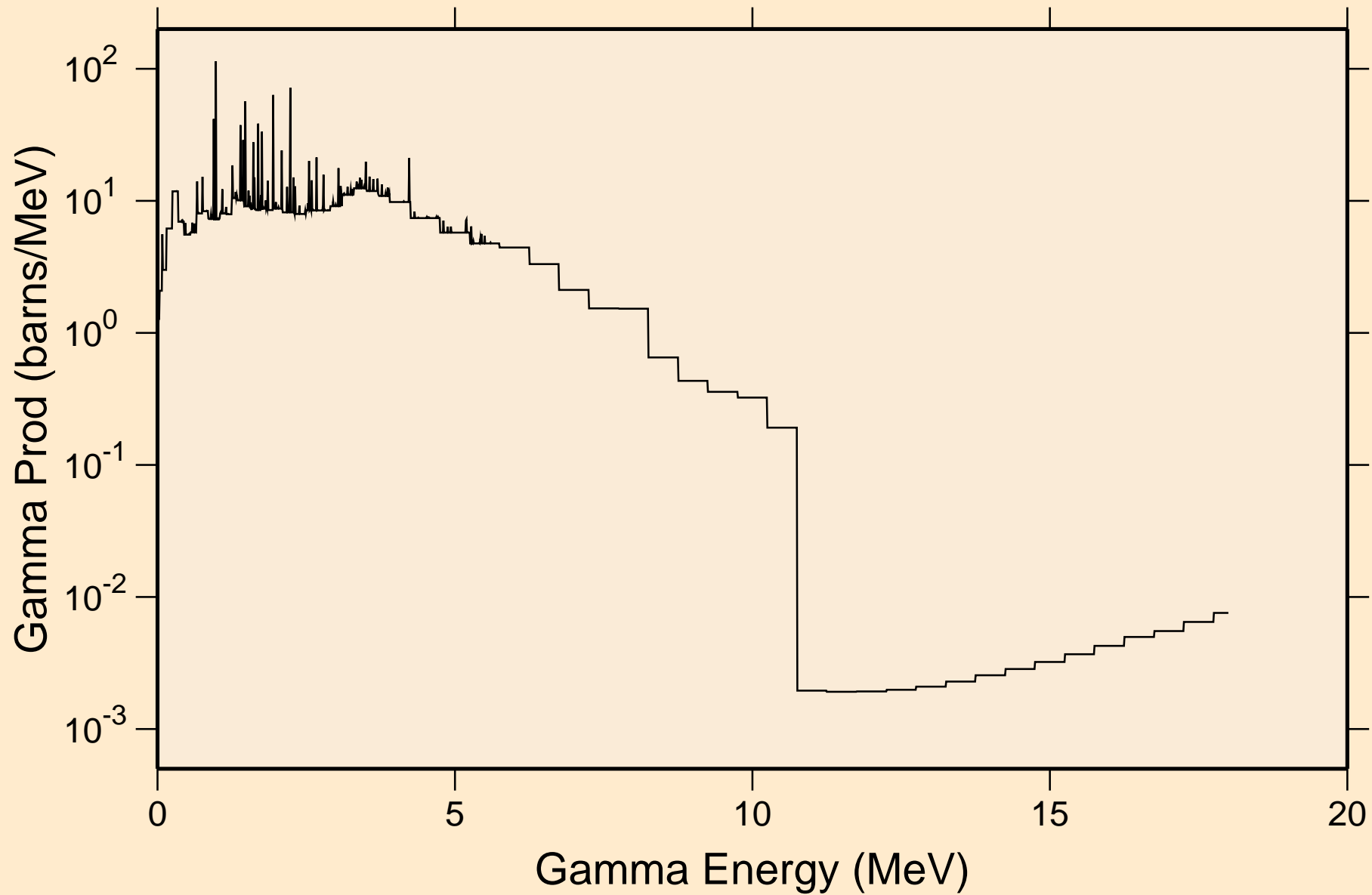
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Photon emission for (n,da)



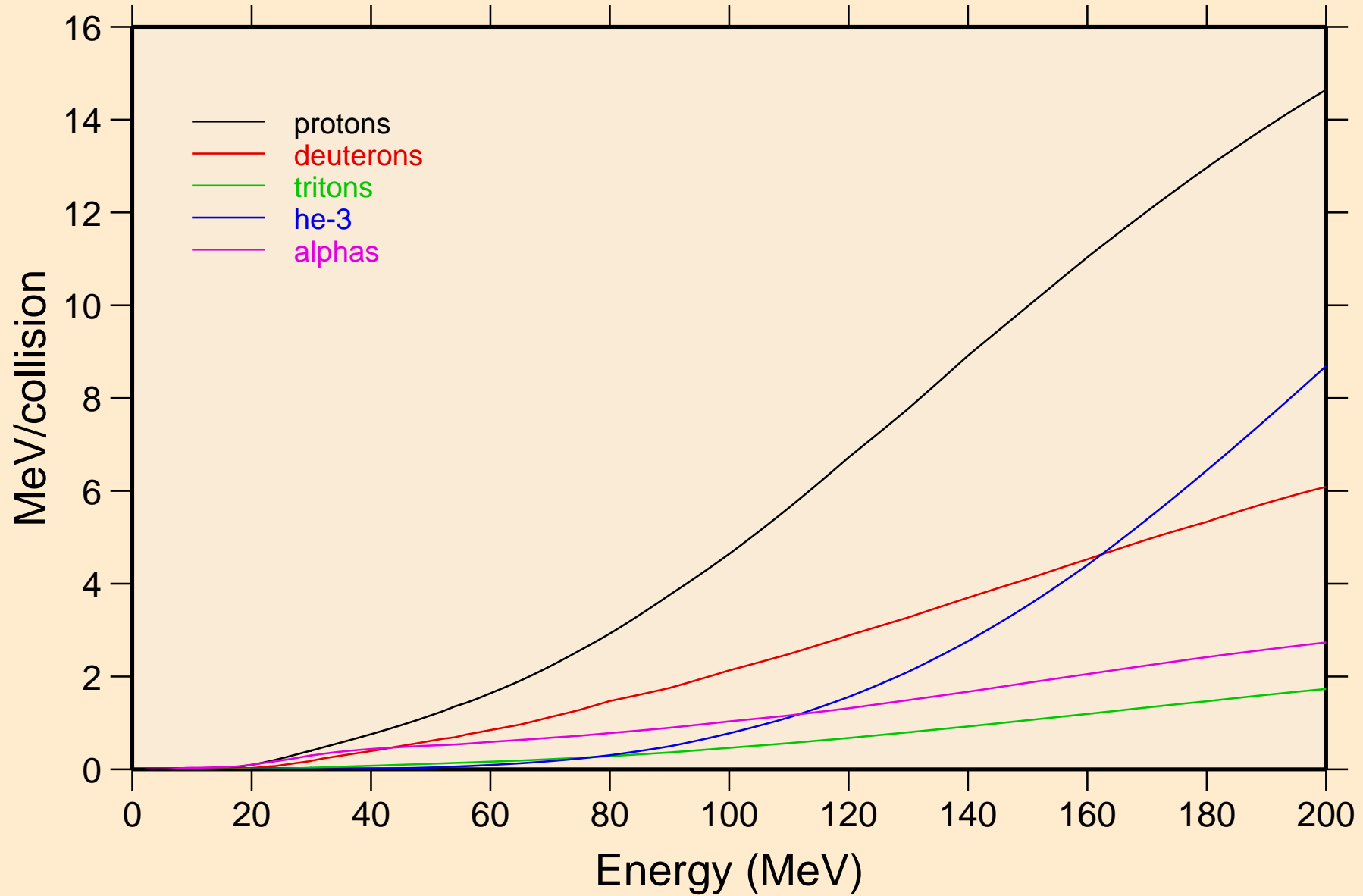
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



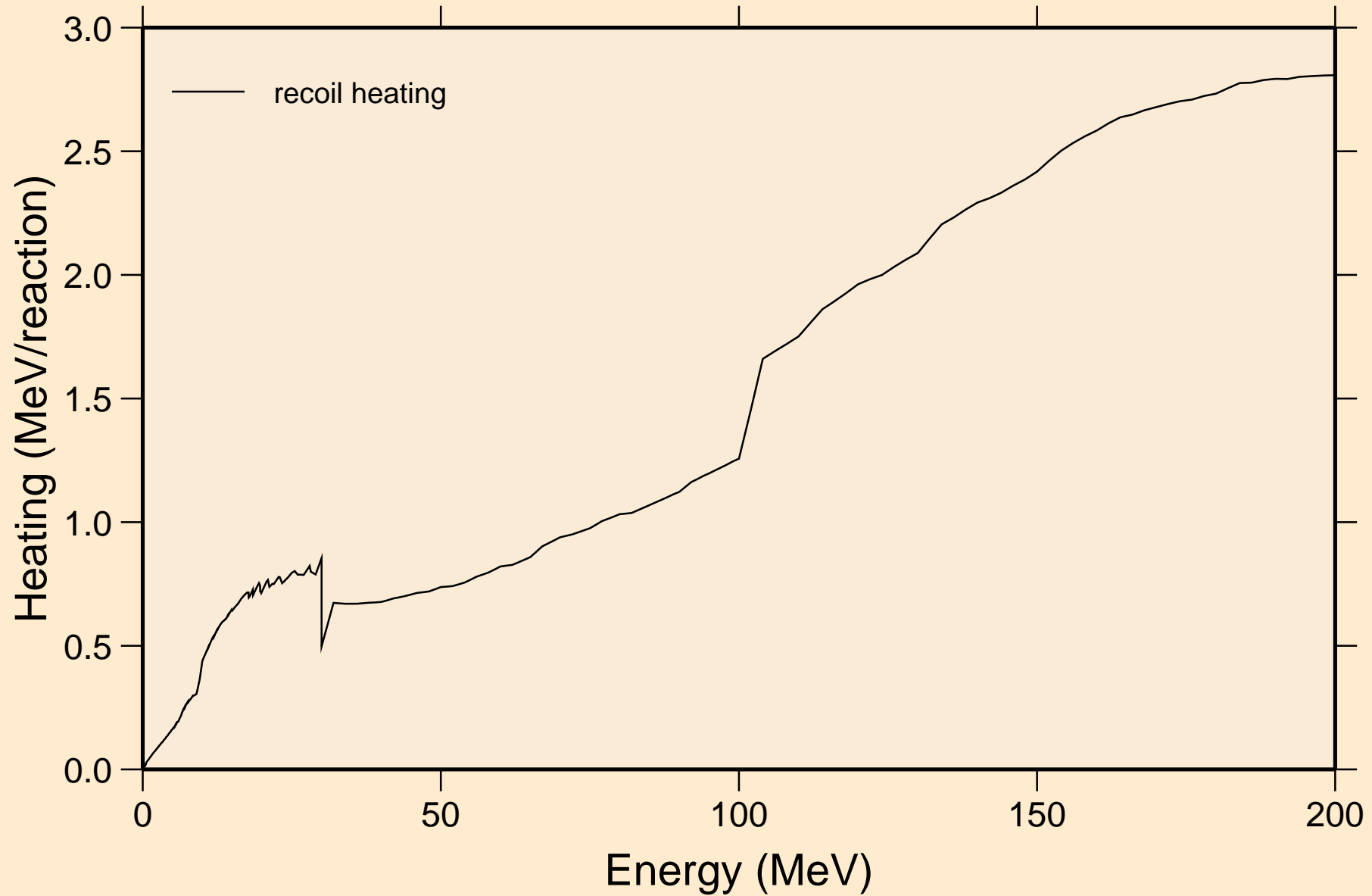
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

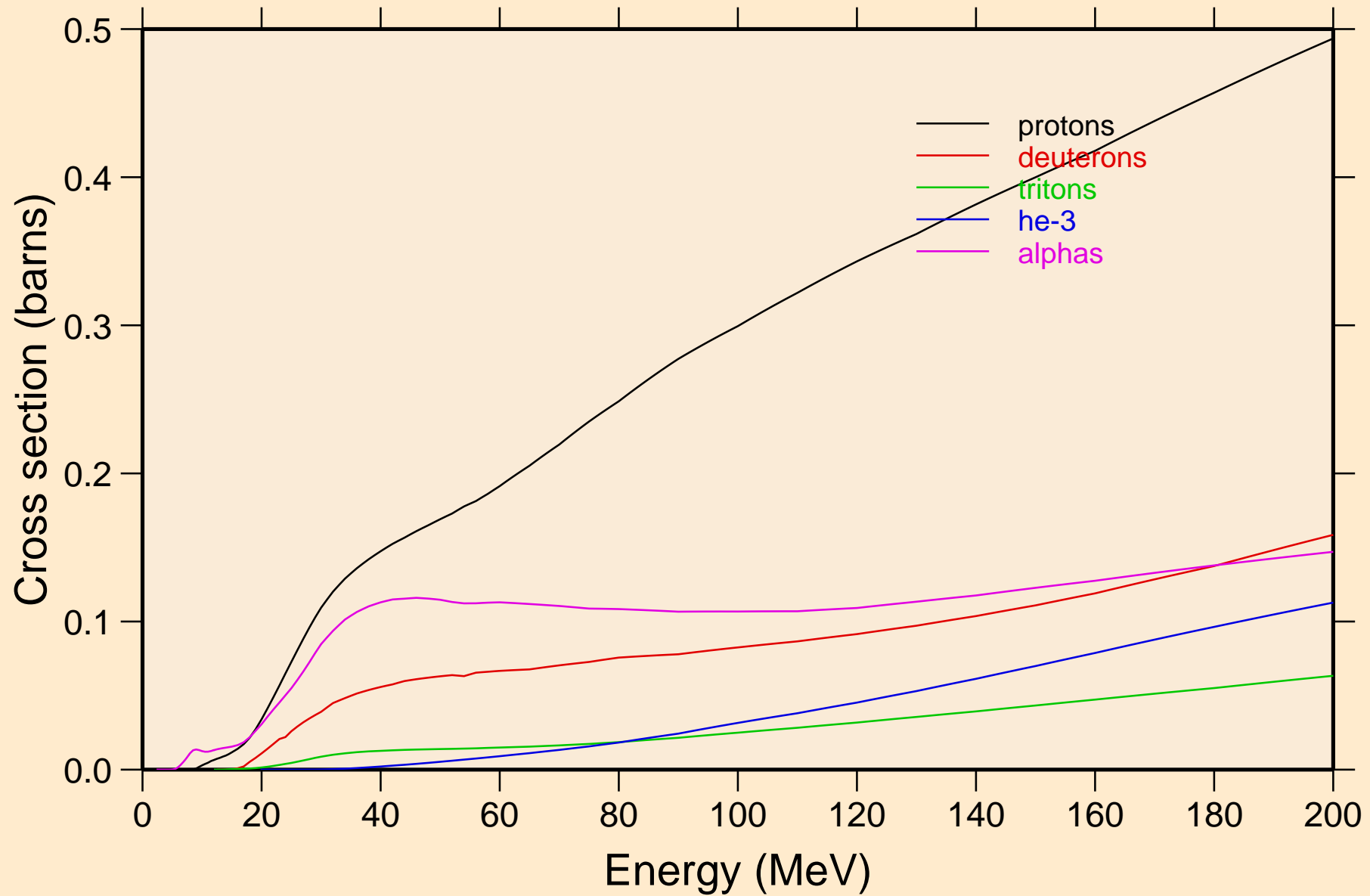


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

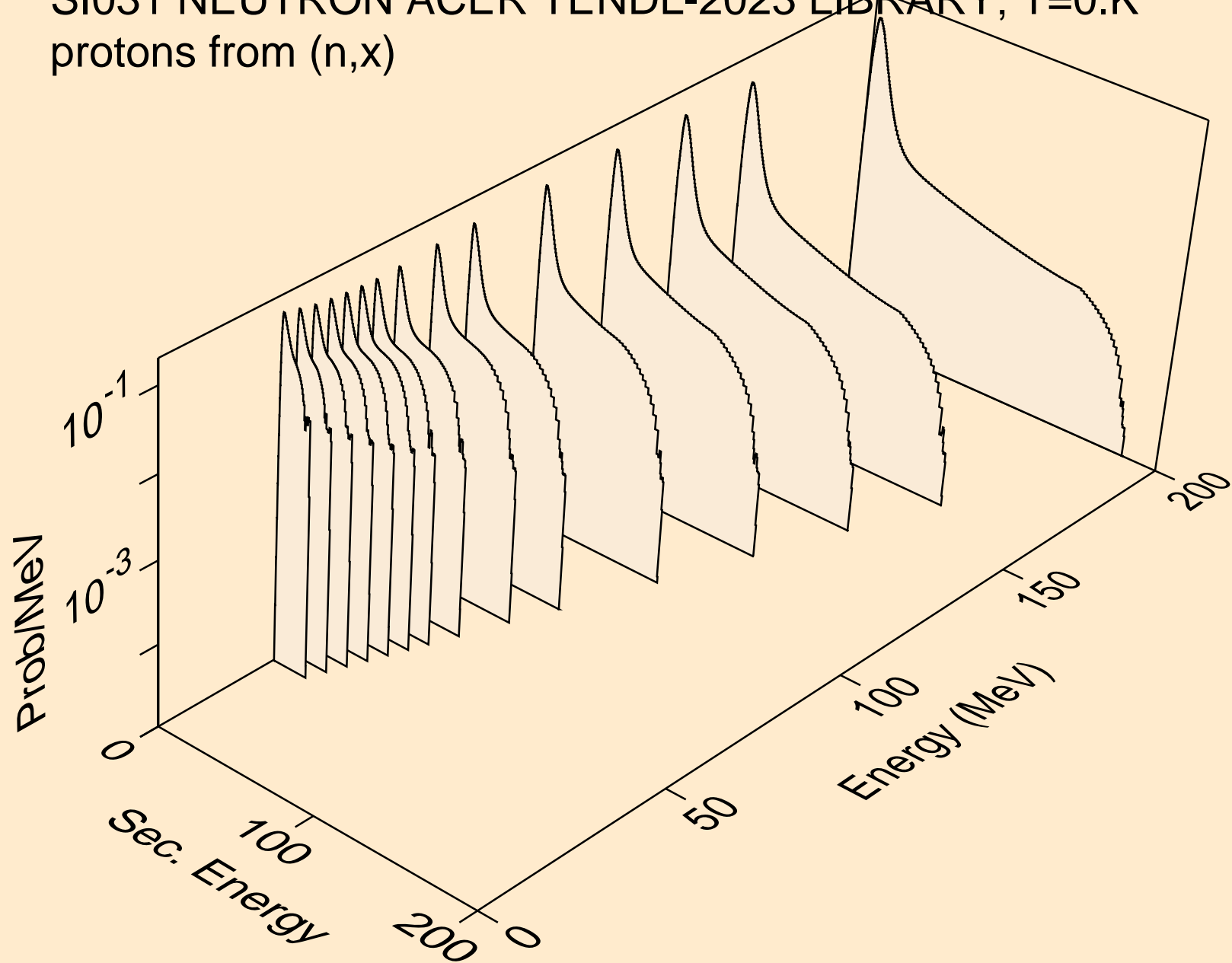




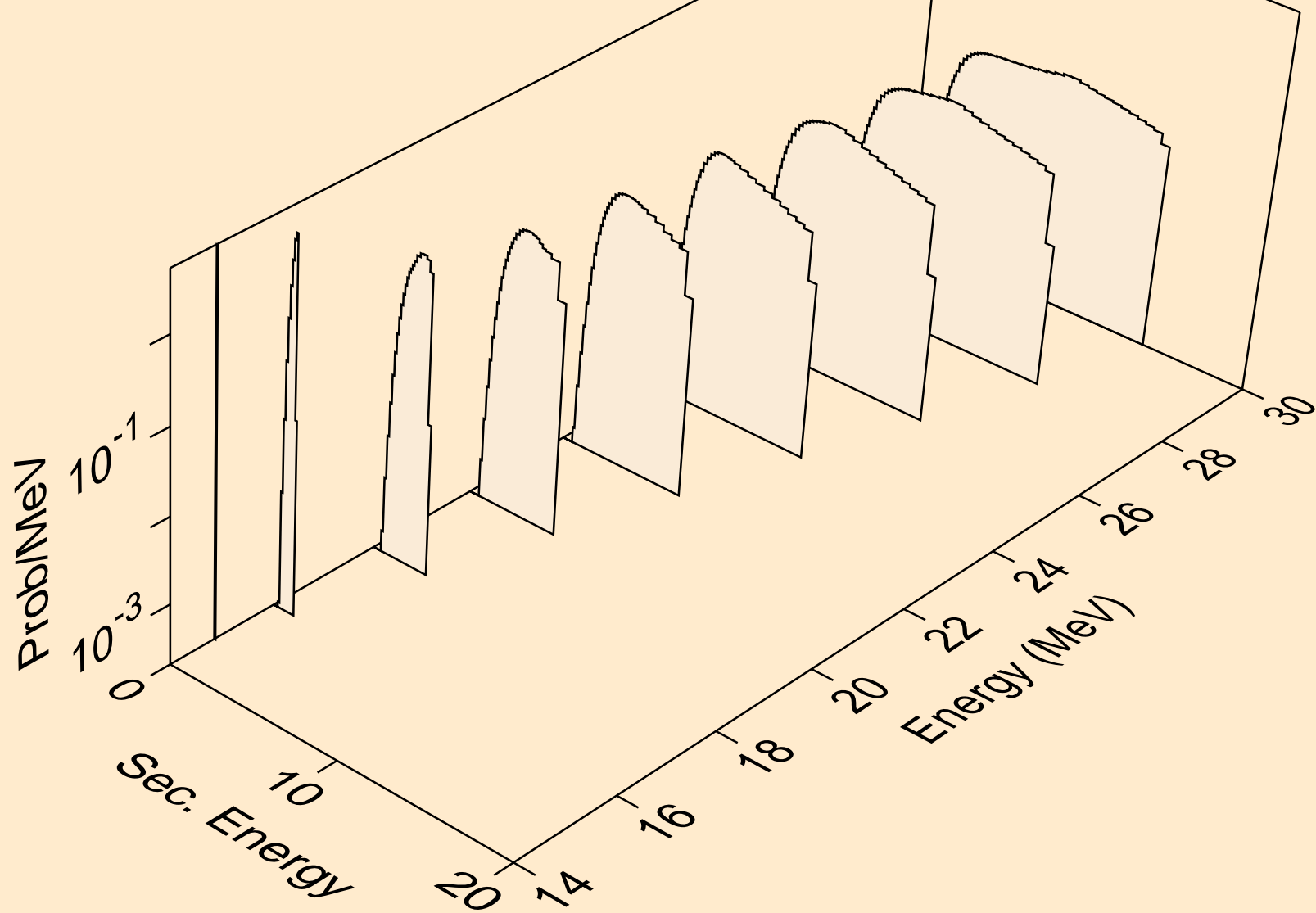
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



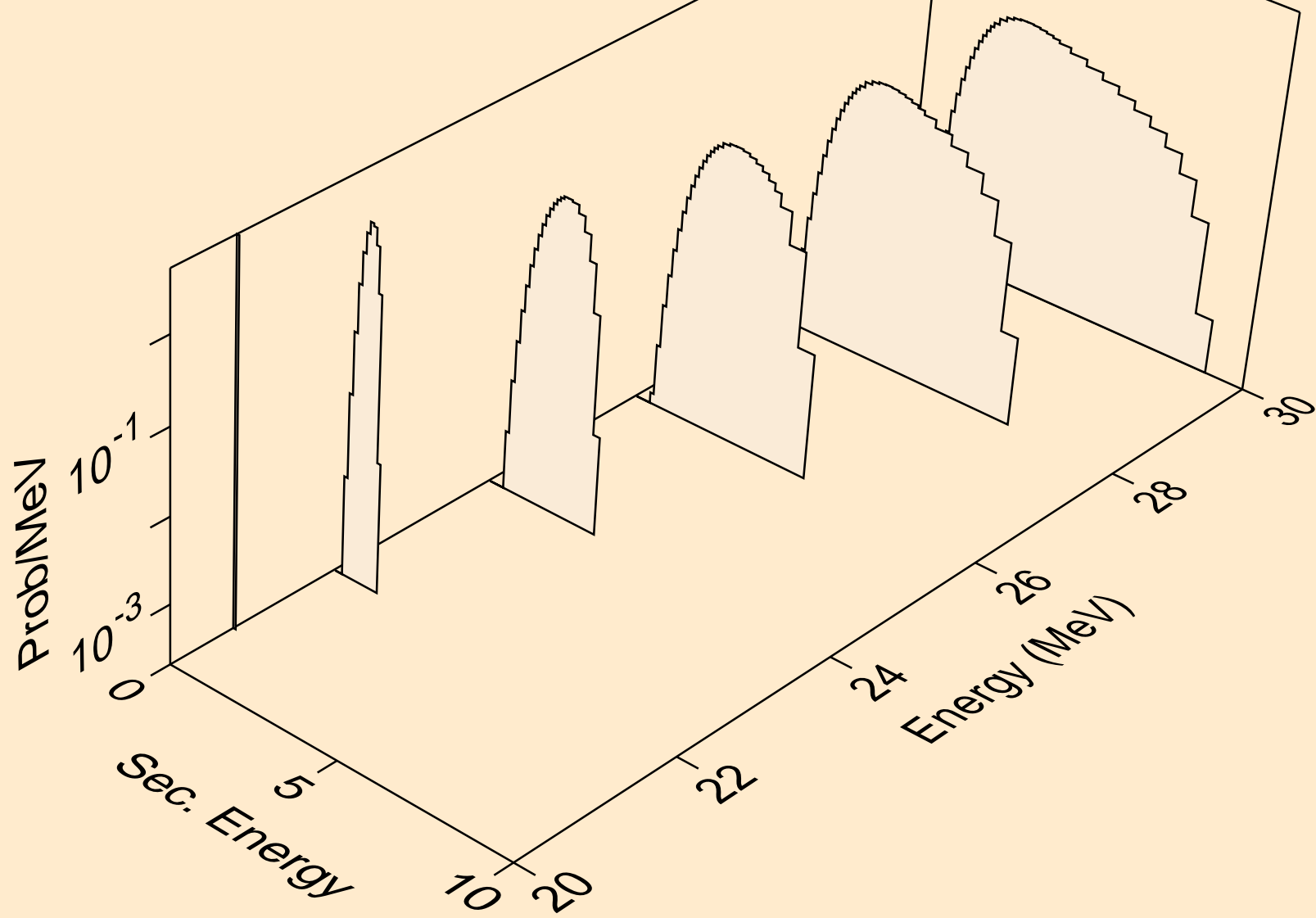
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



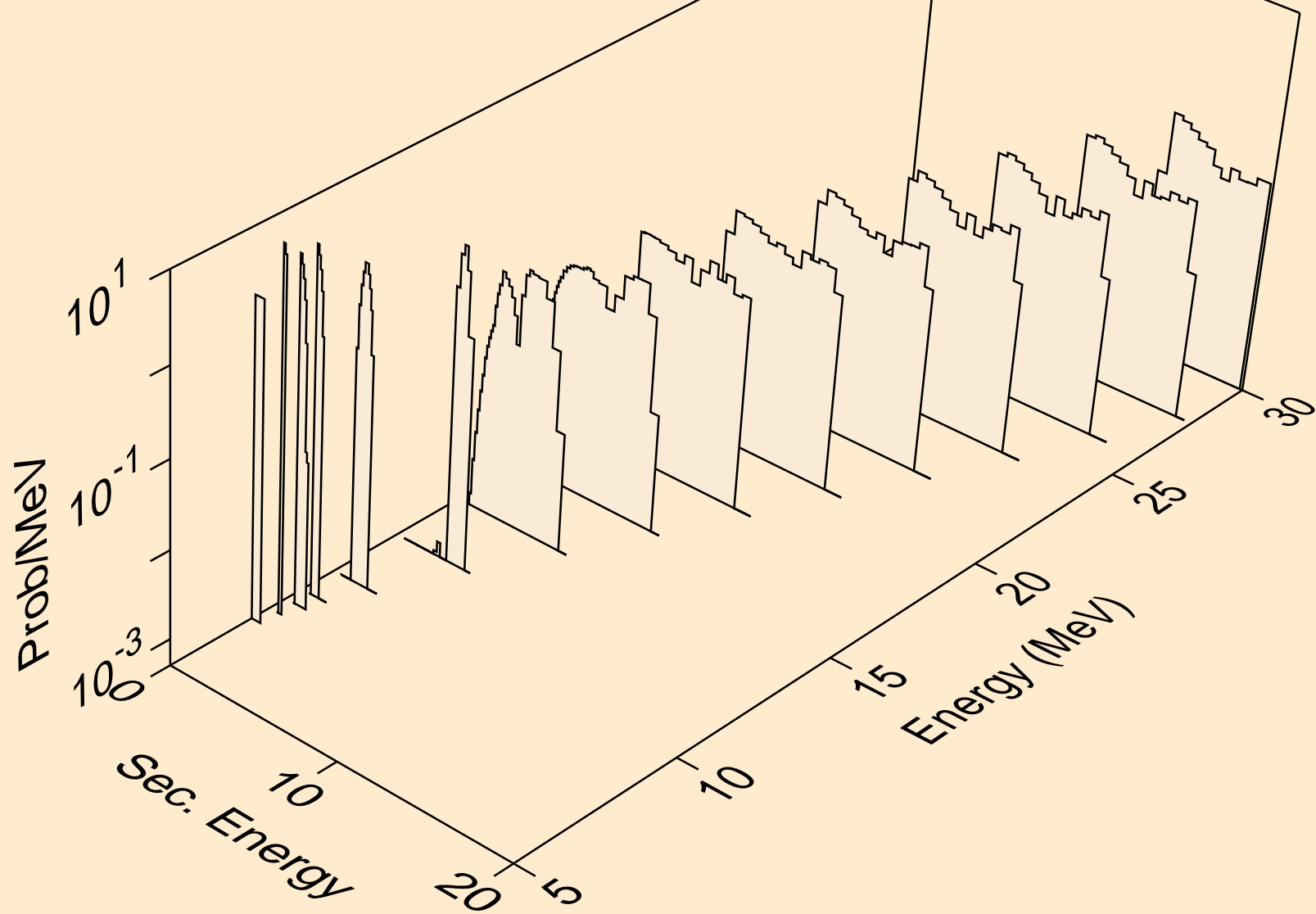
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



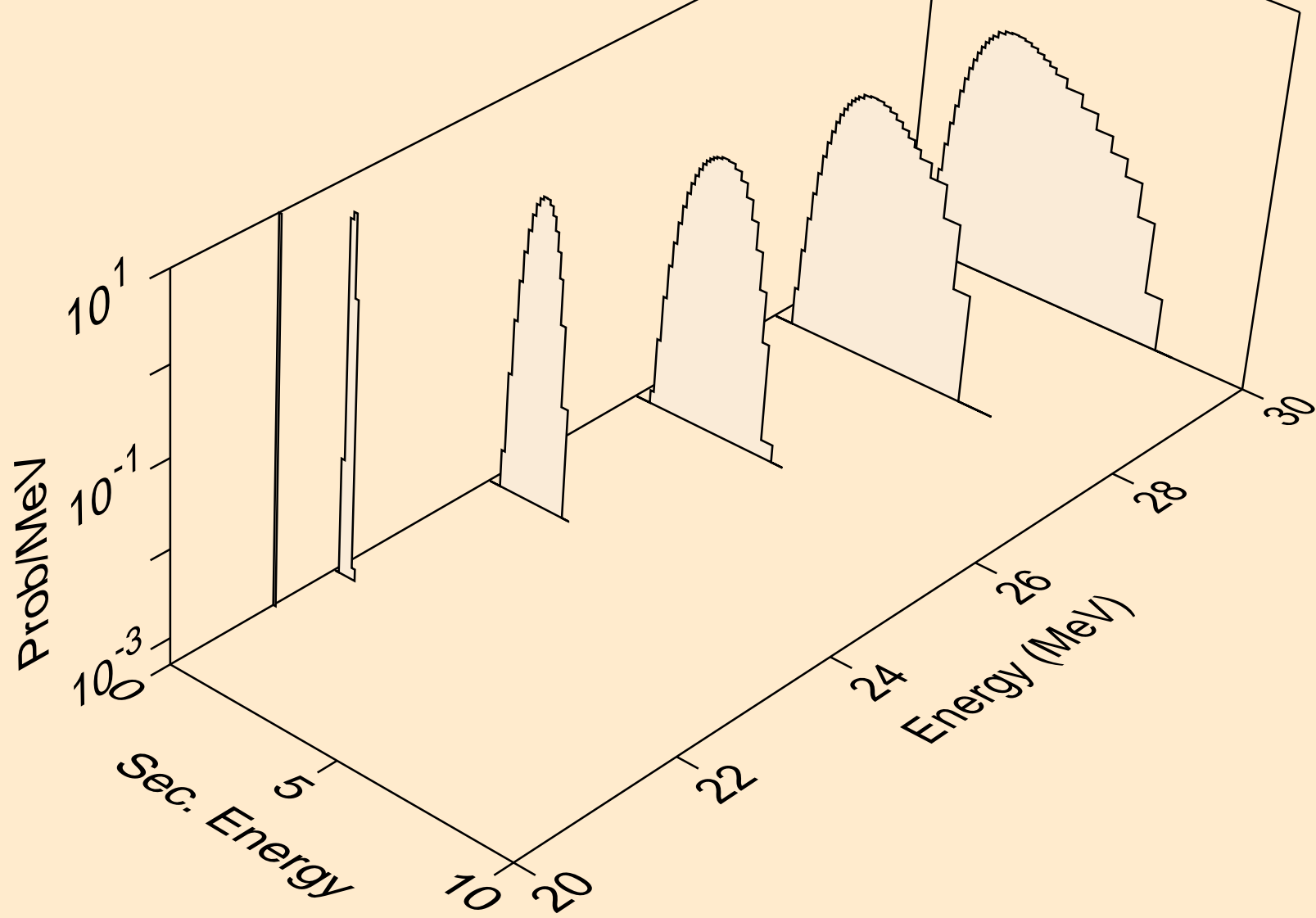
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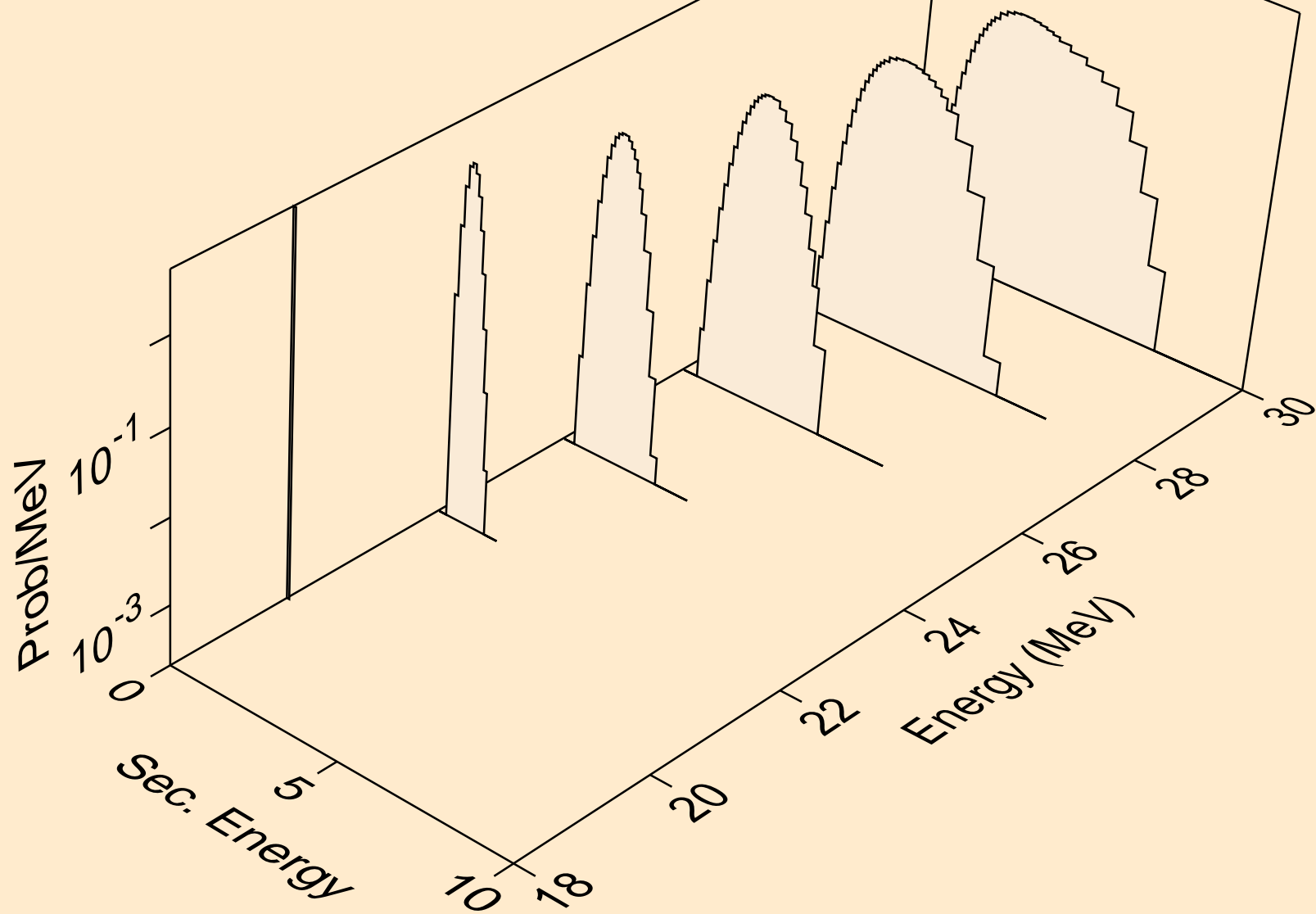
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protons from (n,p)



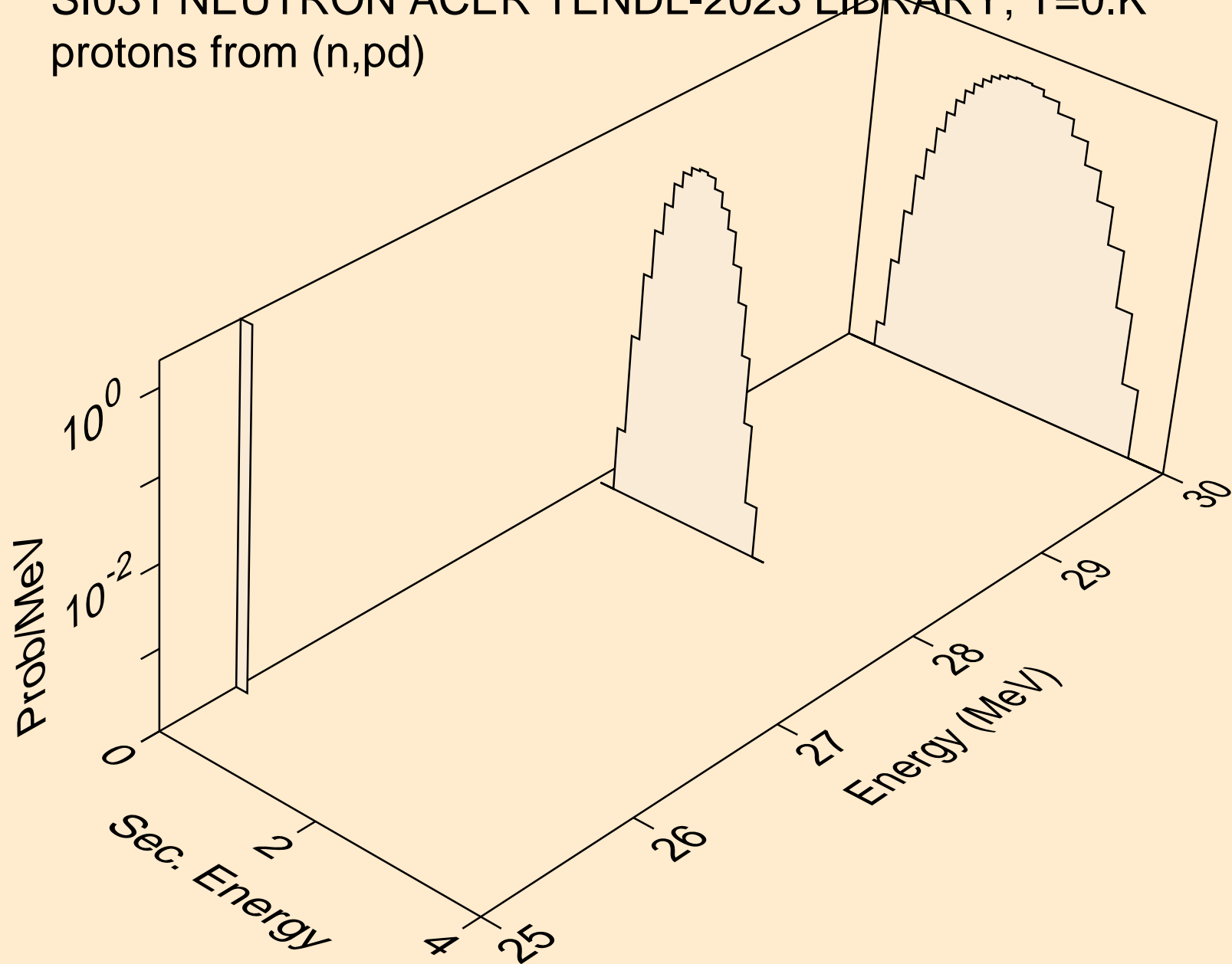
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protons from (n,2p)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

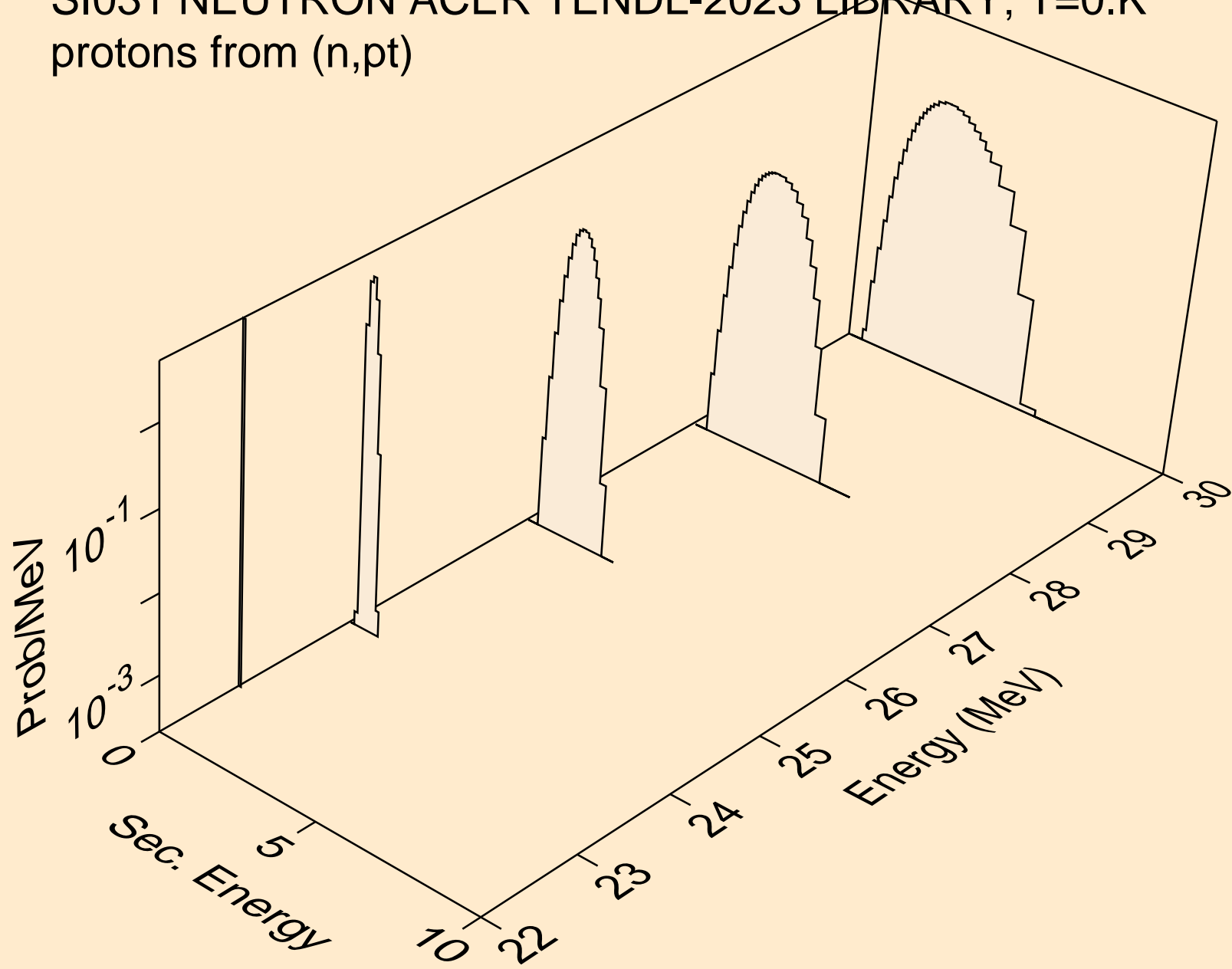


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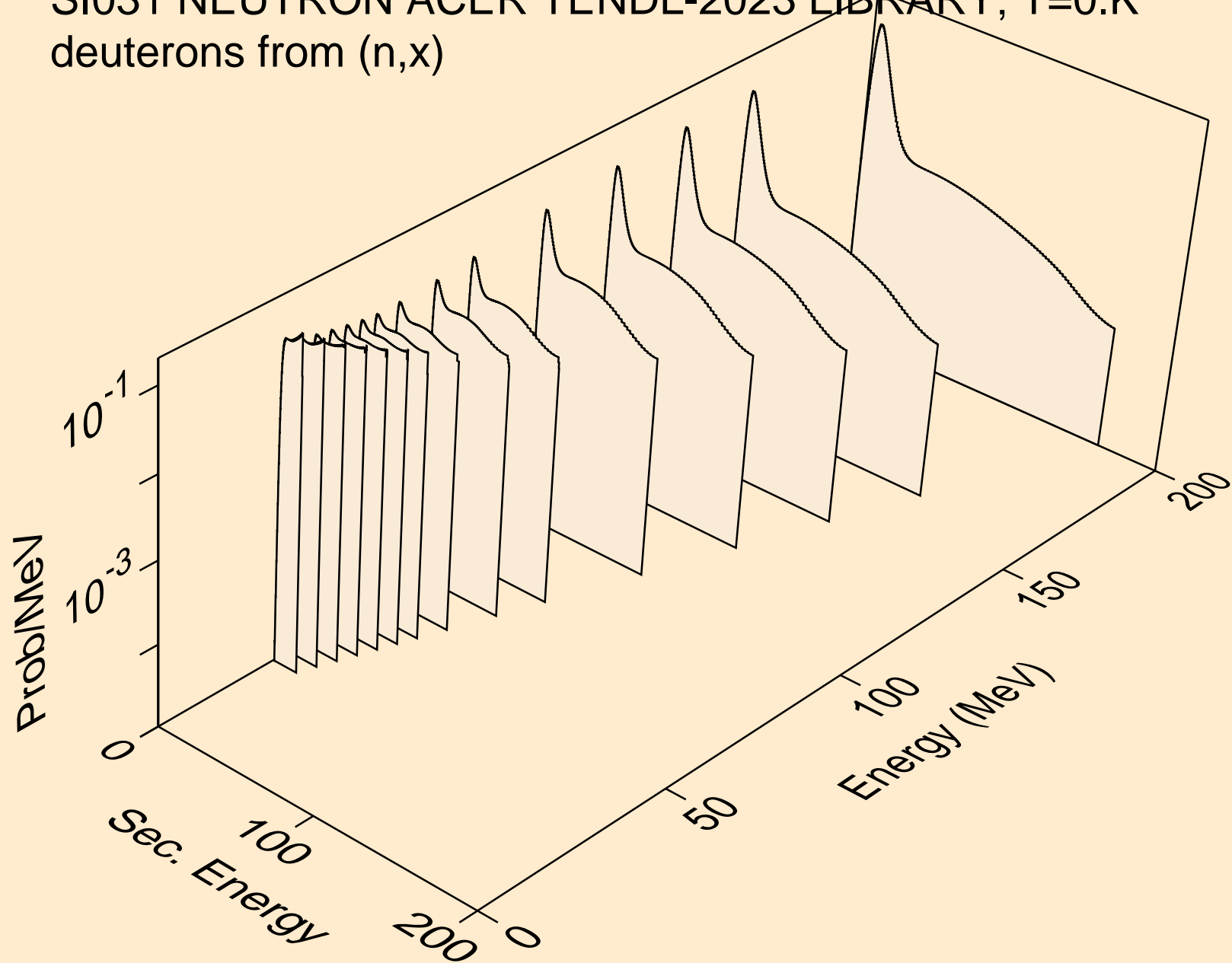




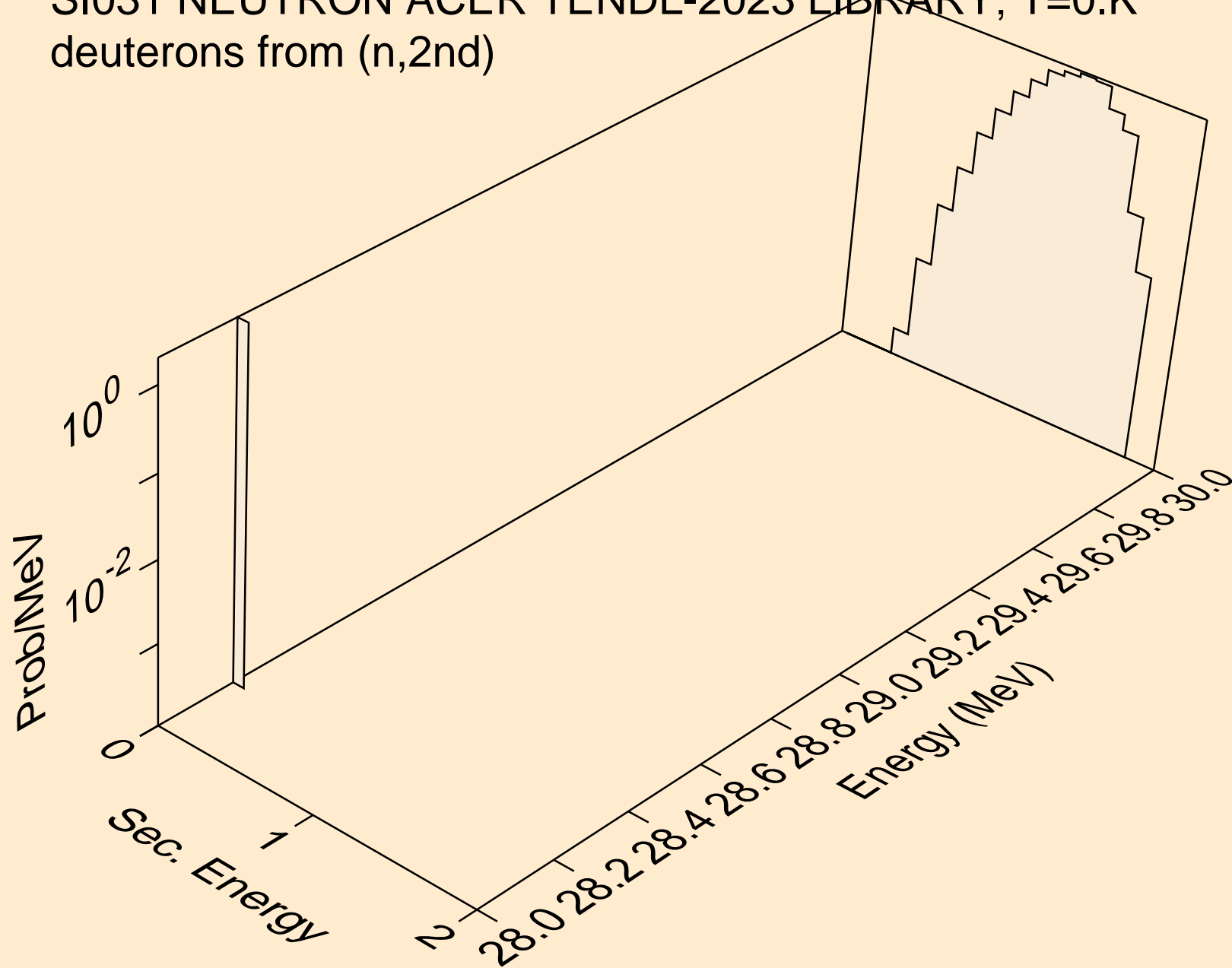
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protons from (n,pt)



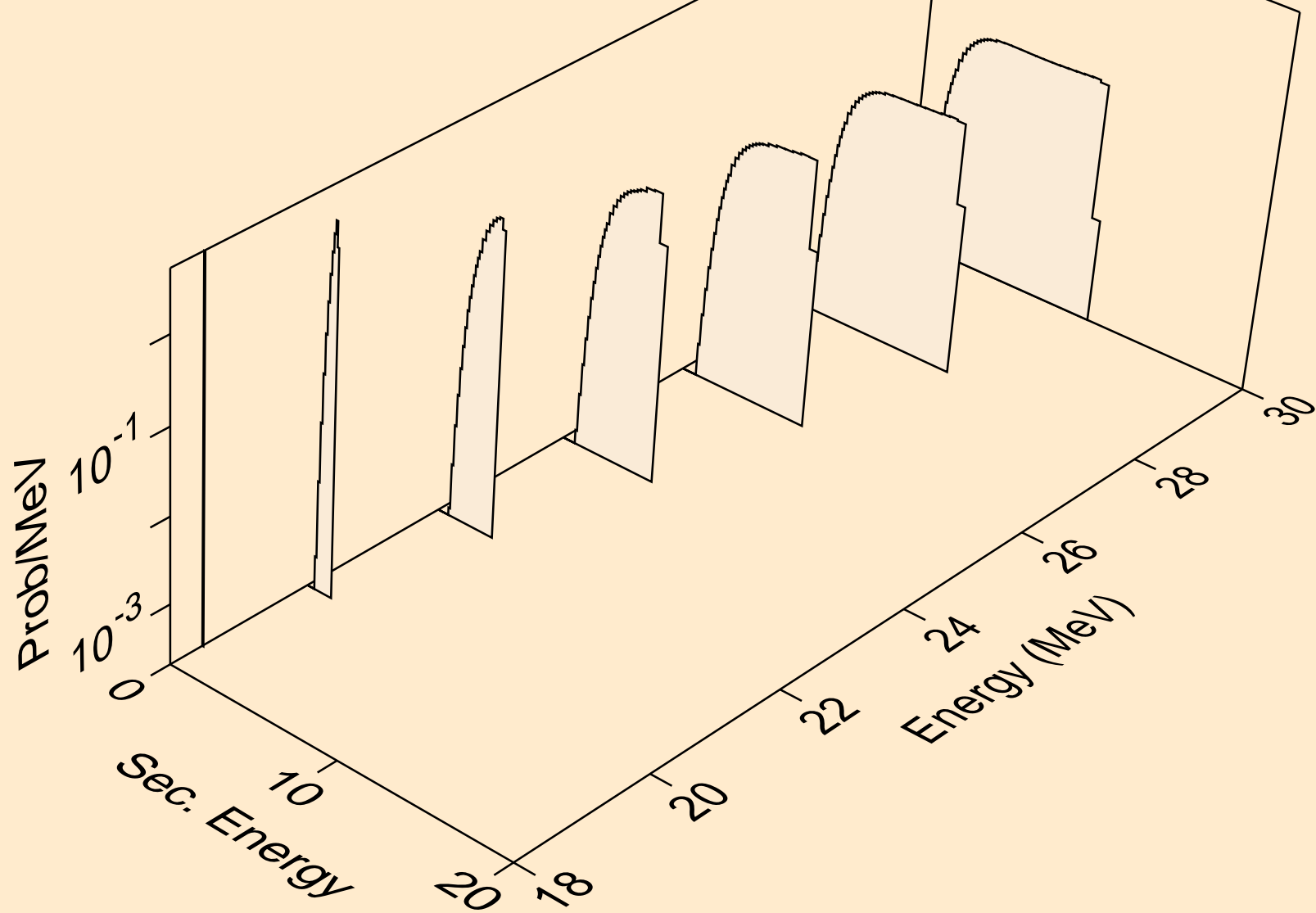
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deuterons from (n,x)



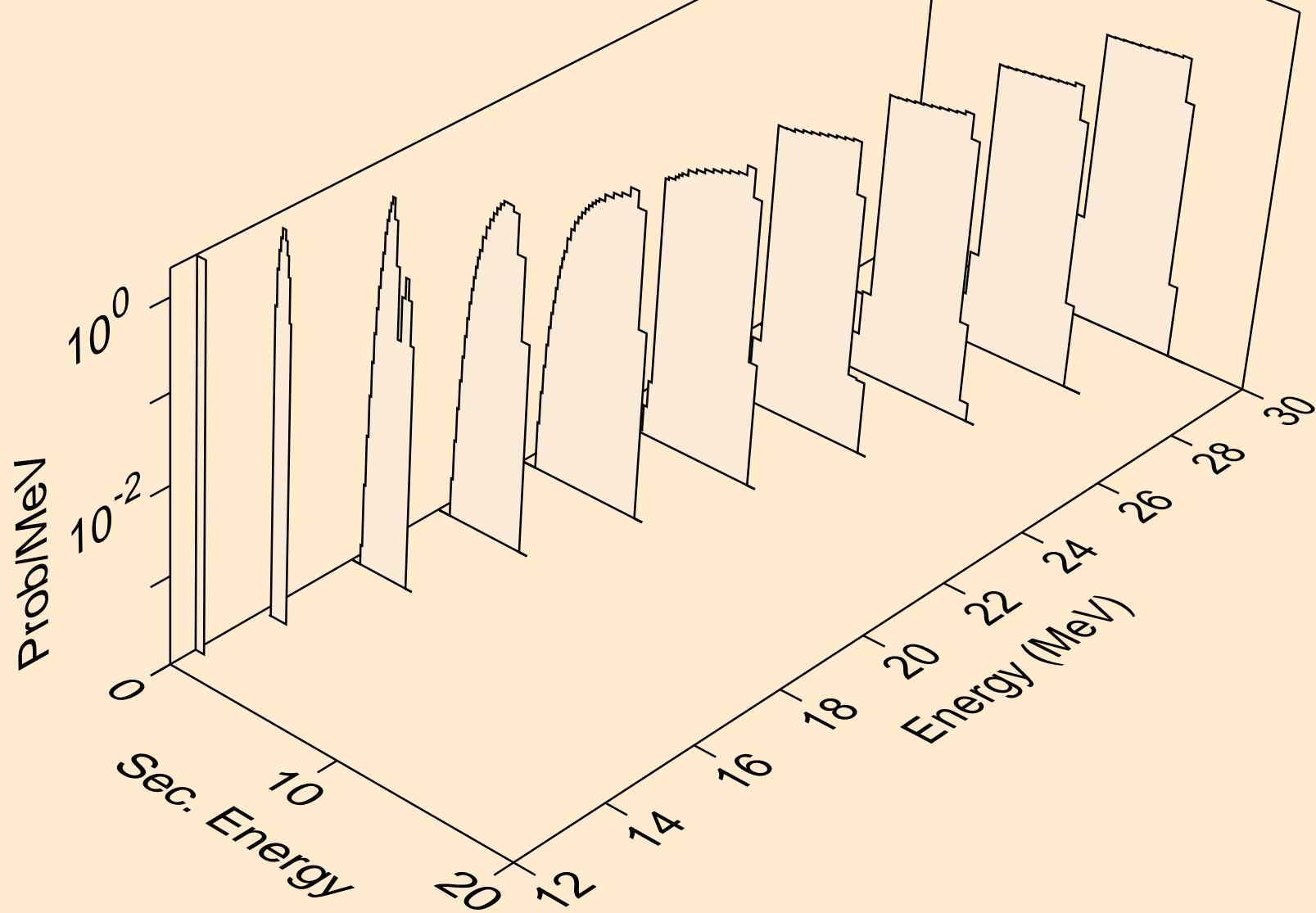
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deuterons from (n,2nd)



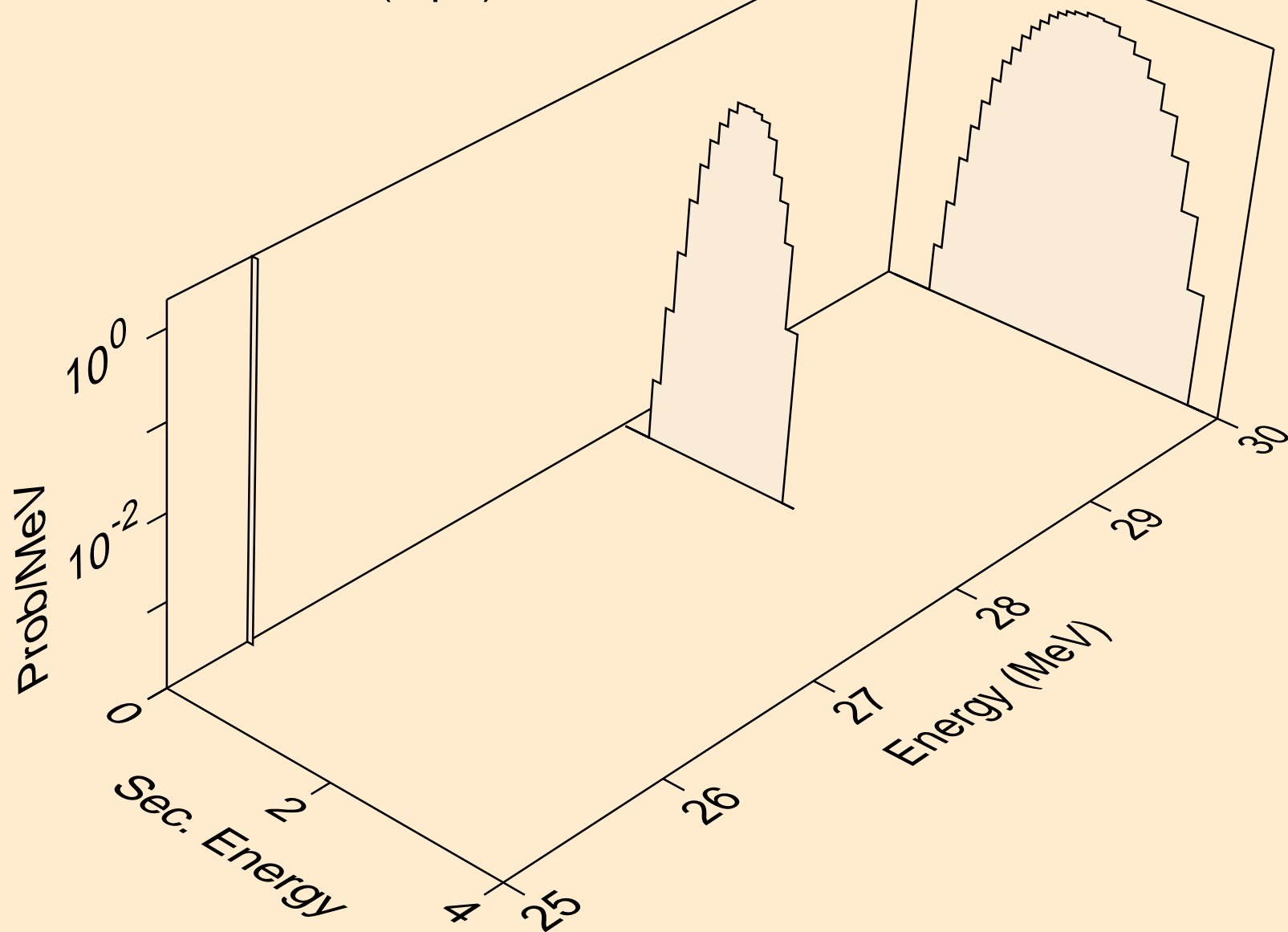
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deuterons from (n,n\*)d



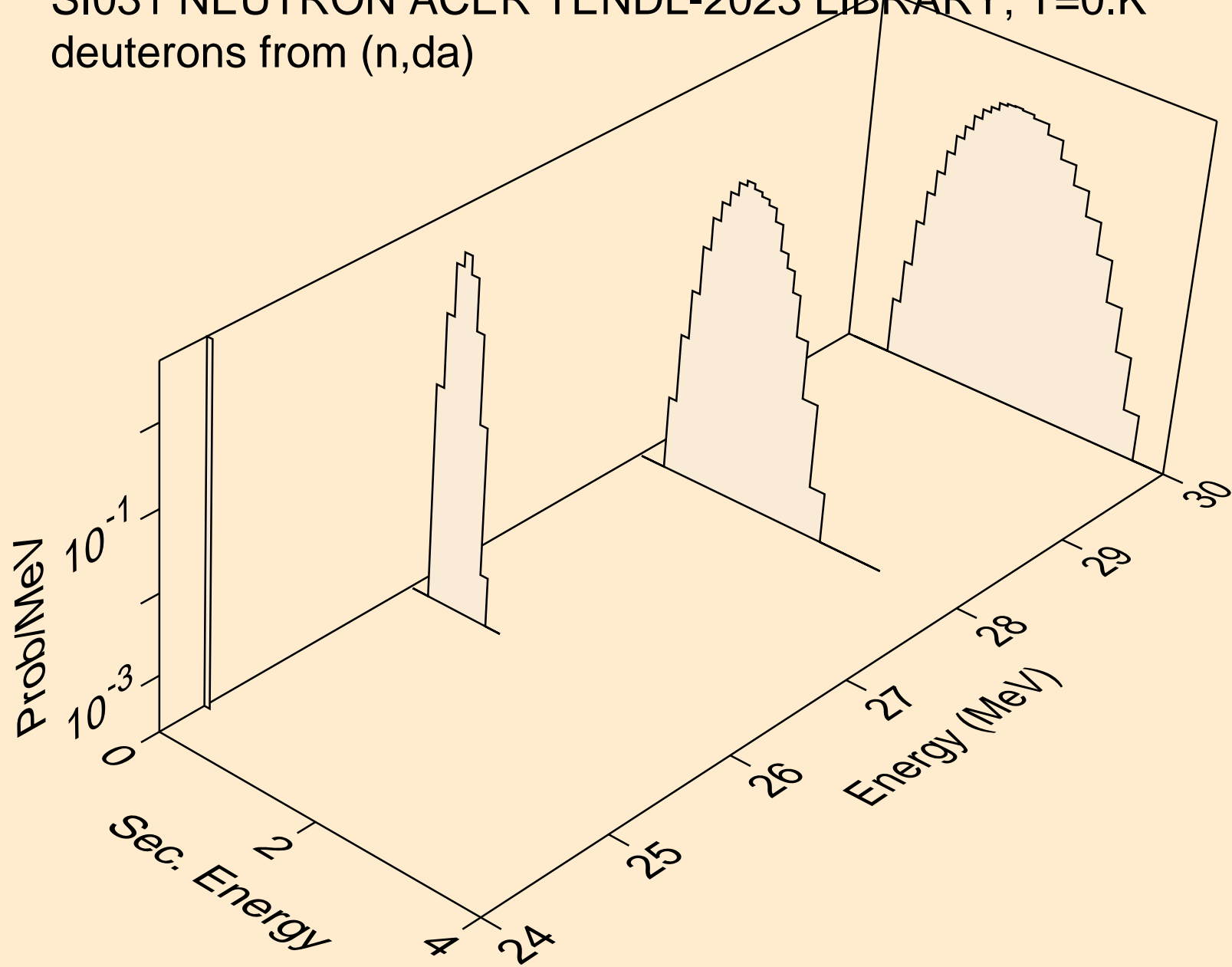
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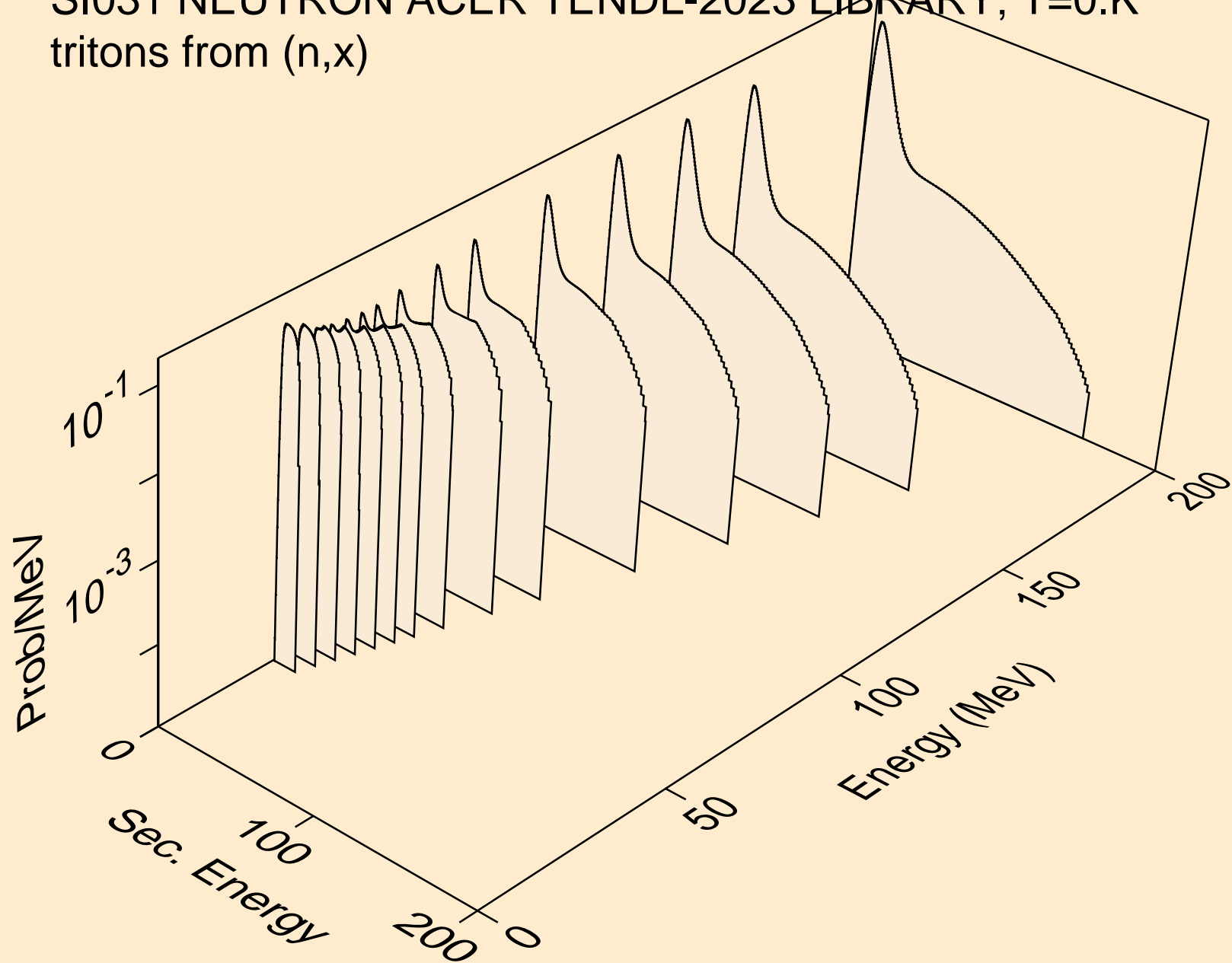
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deuterons from (n,pd)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)

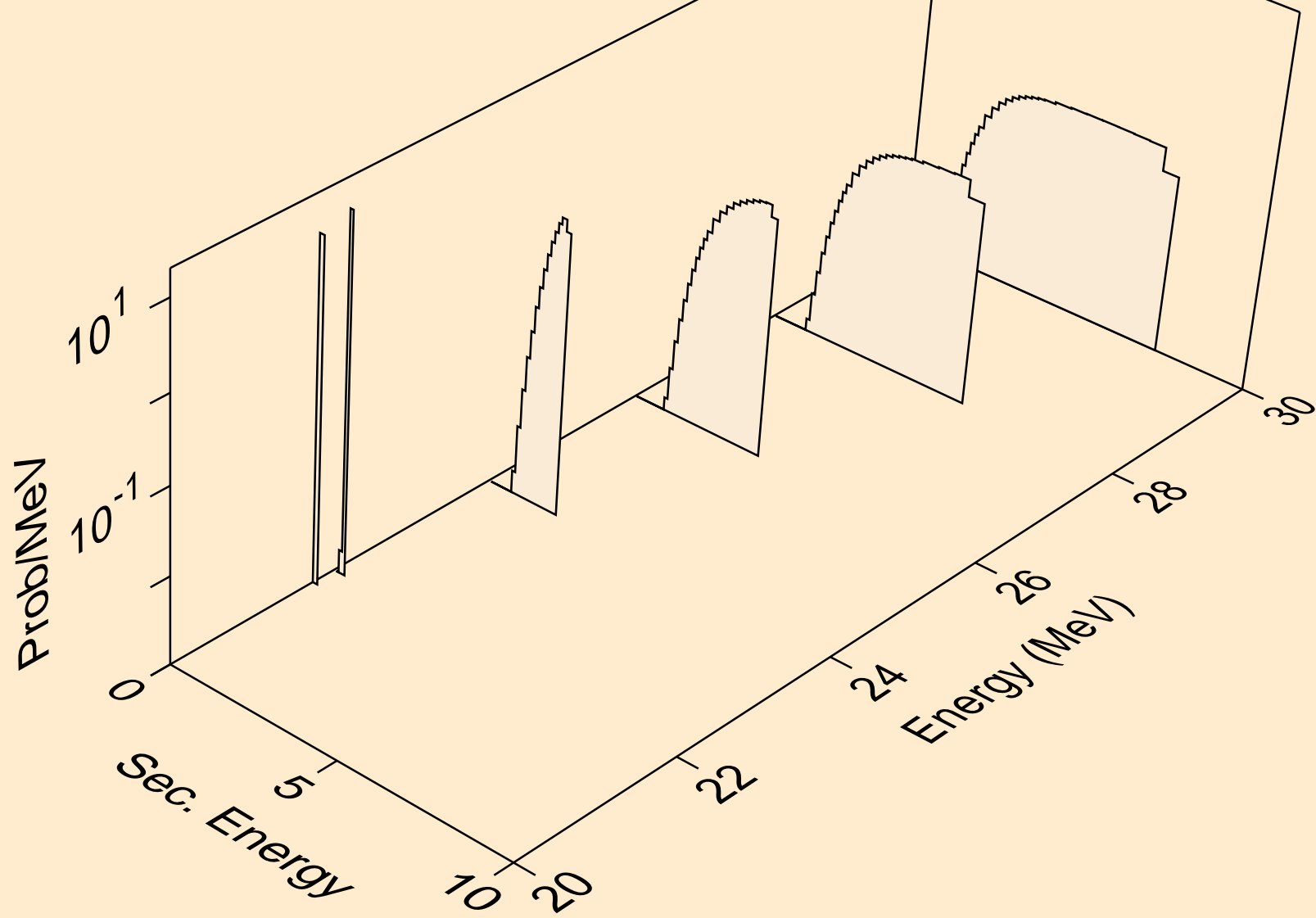


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

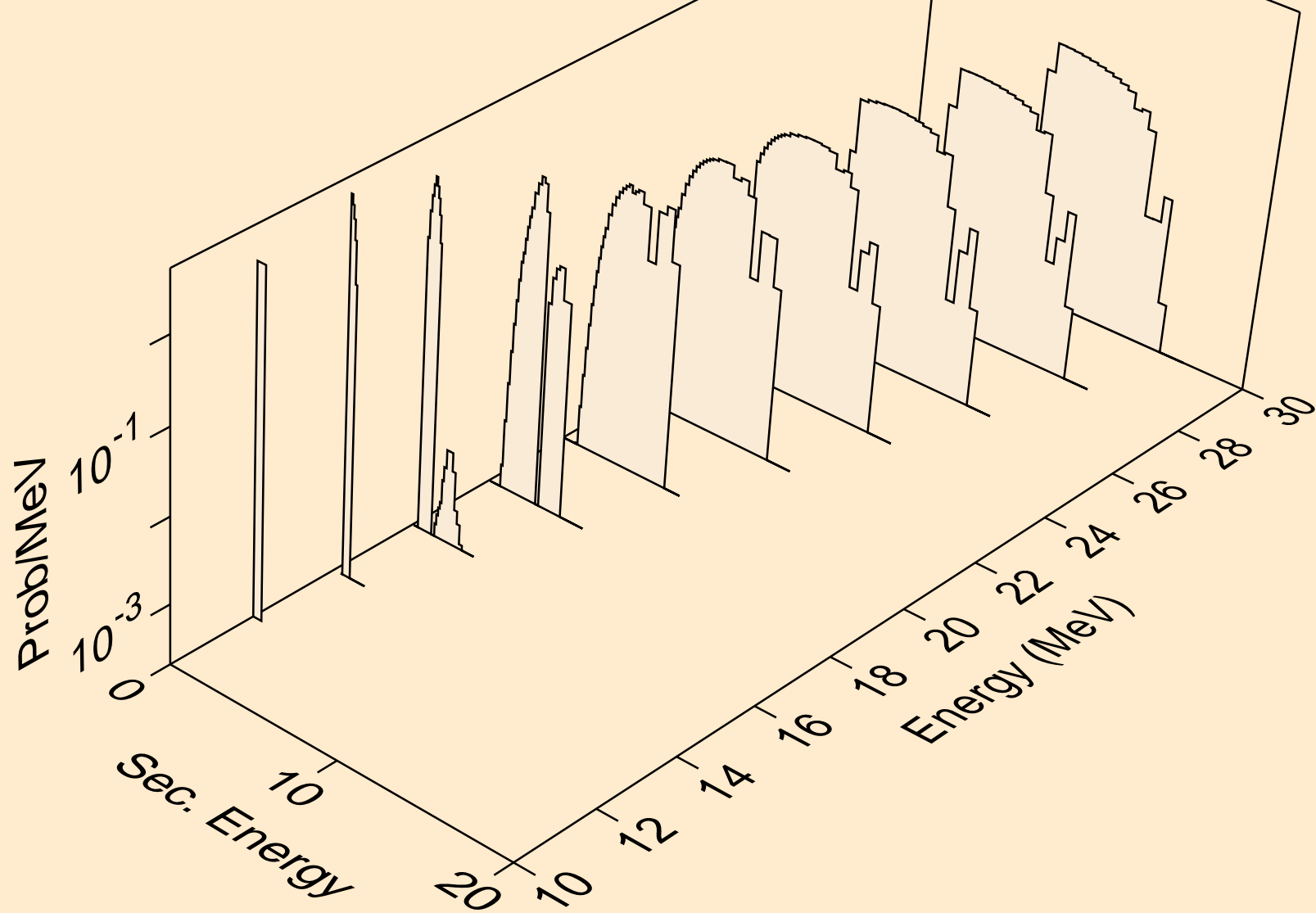




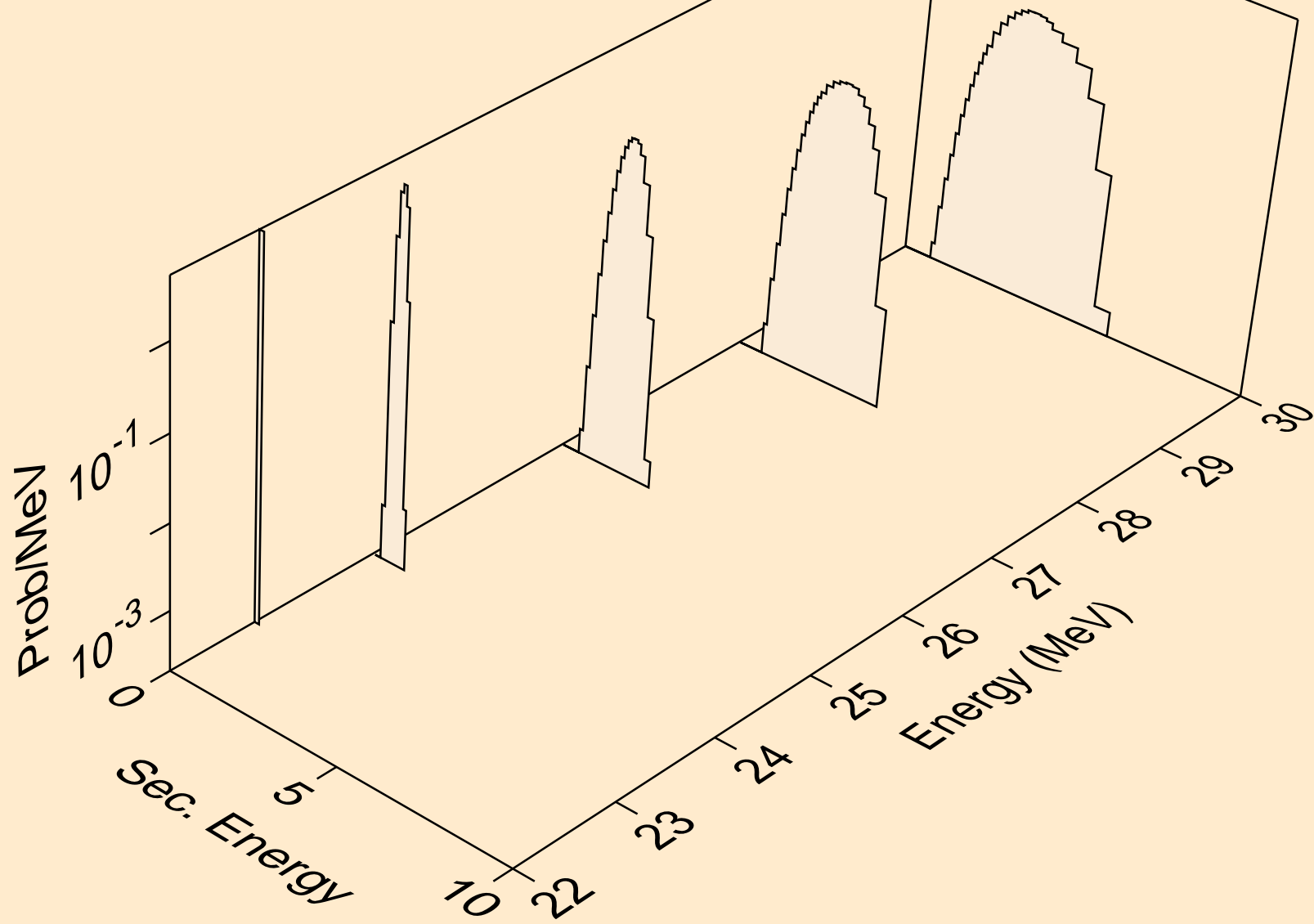
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



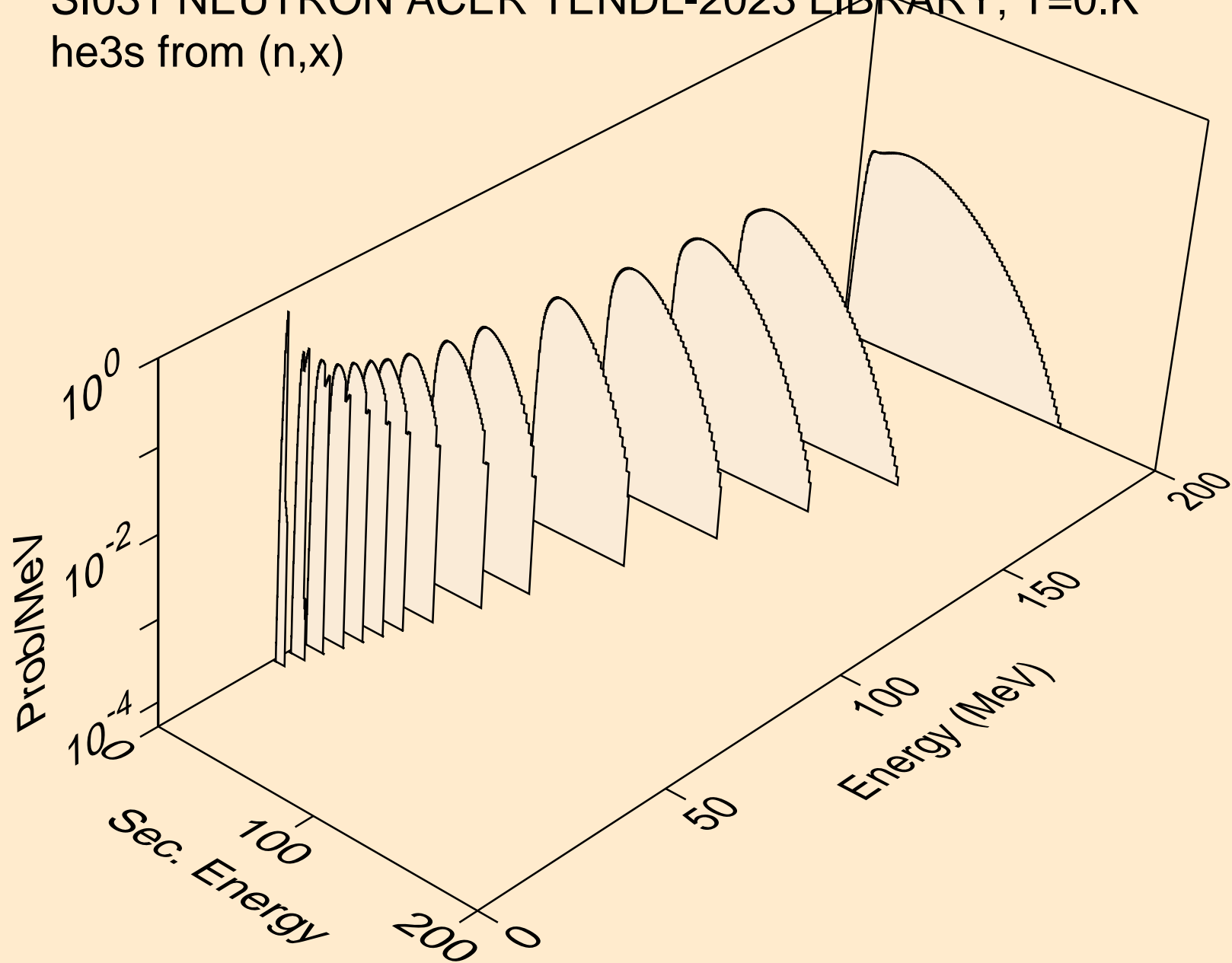
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tritons from (n,t)



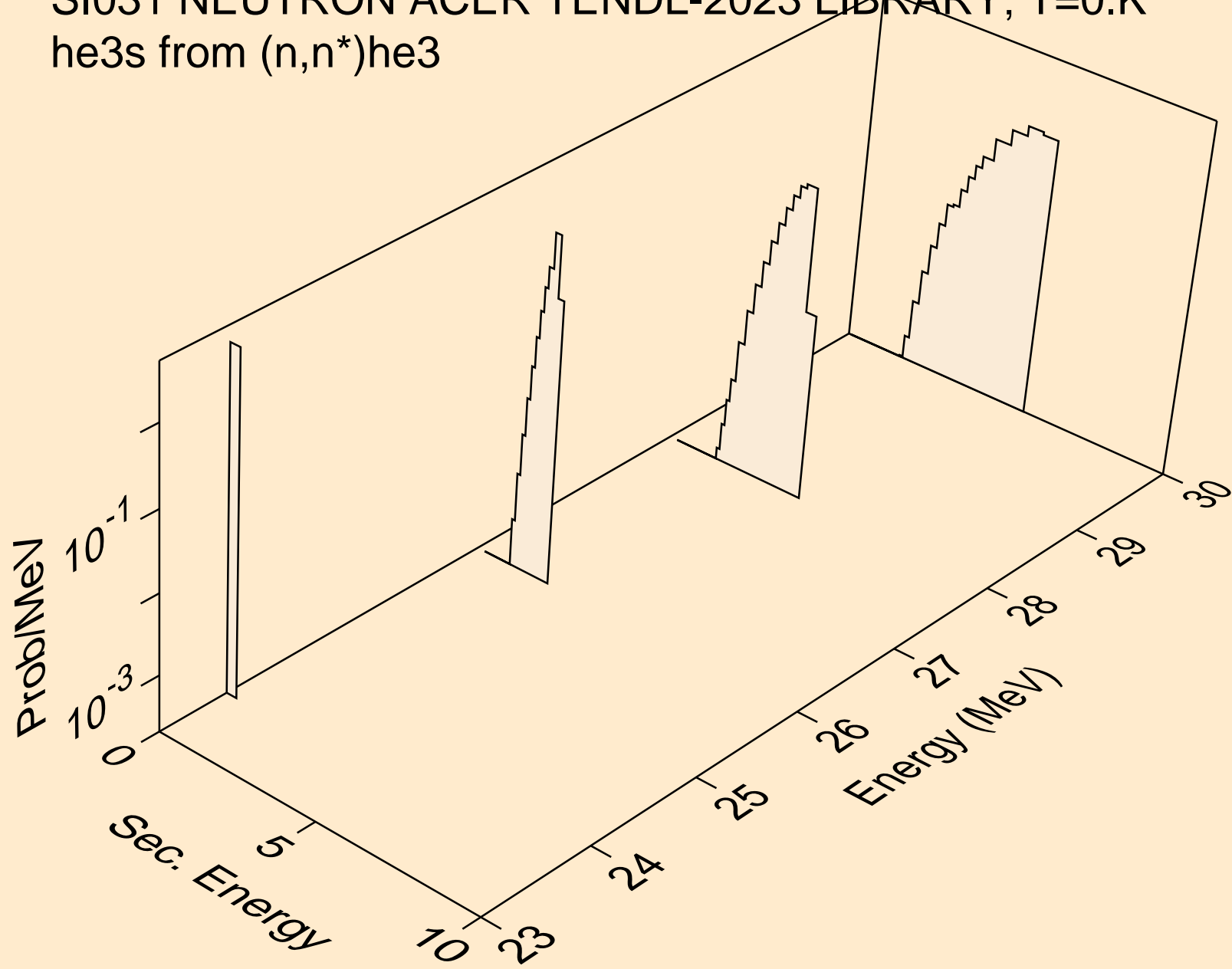
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tritons from (n,pt)



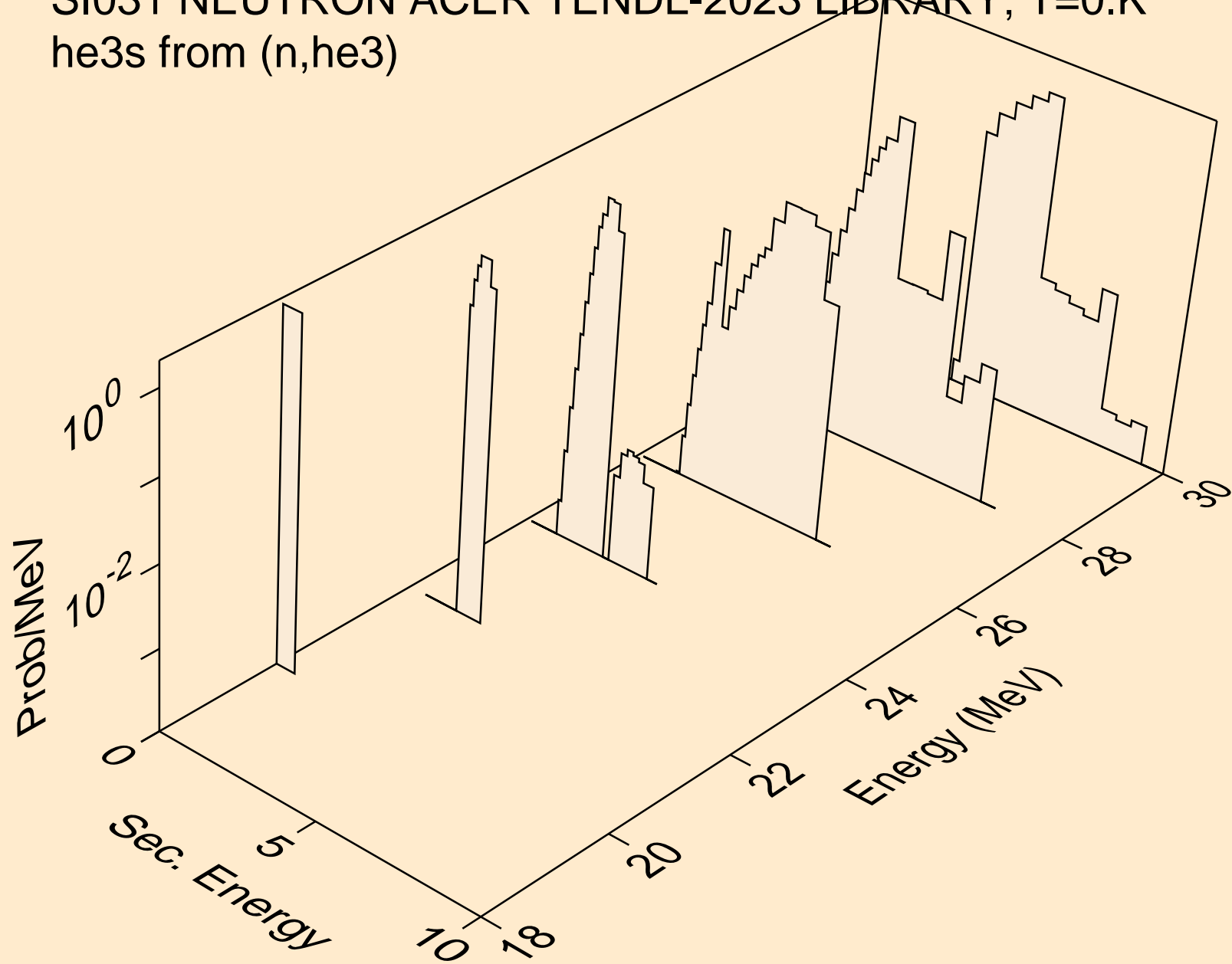
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he3s from (n,x)



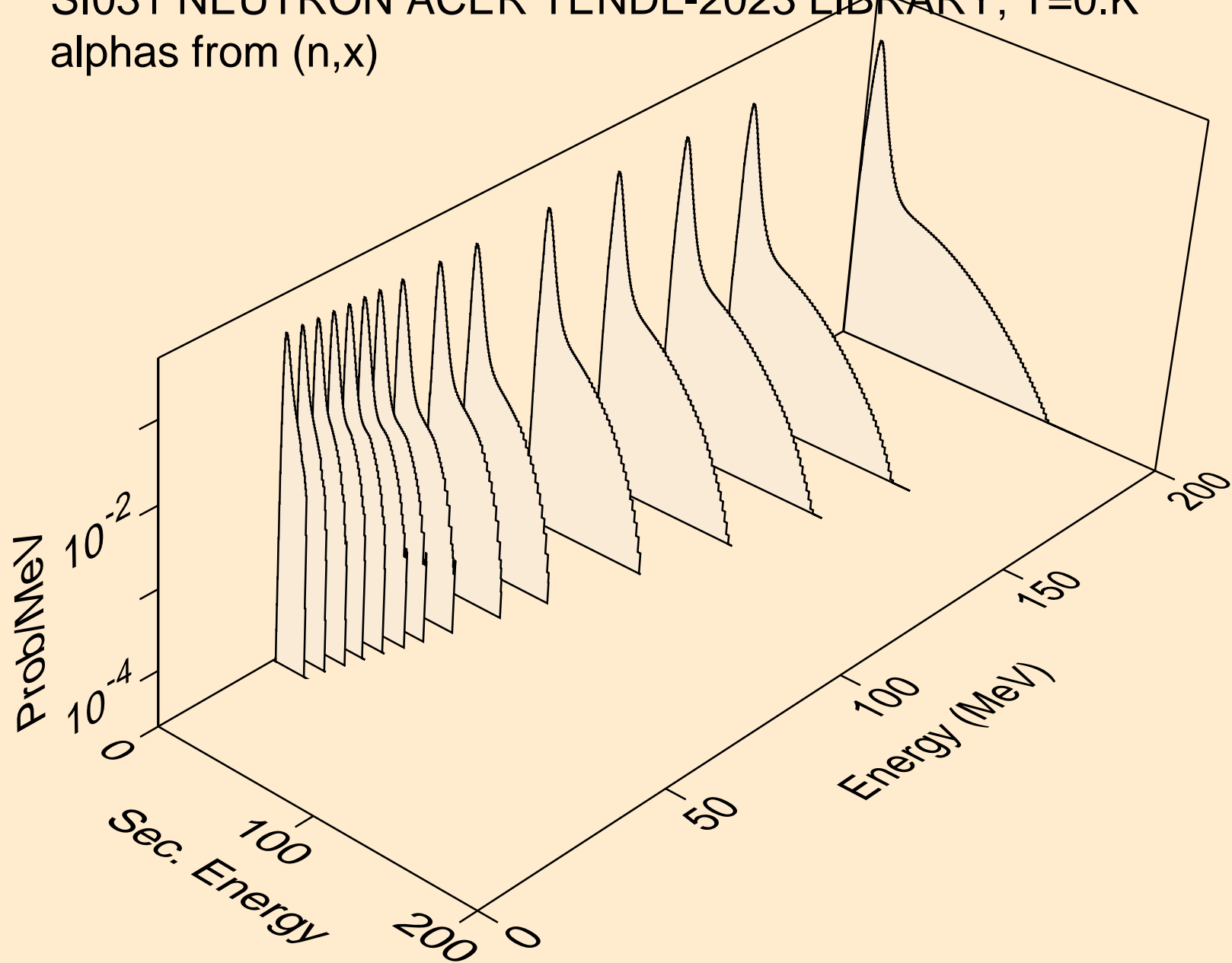
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



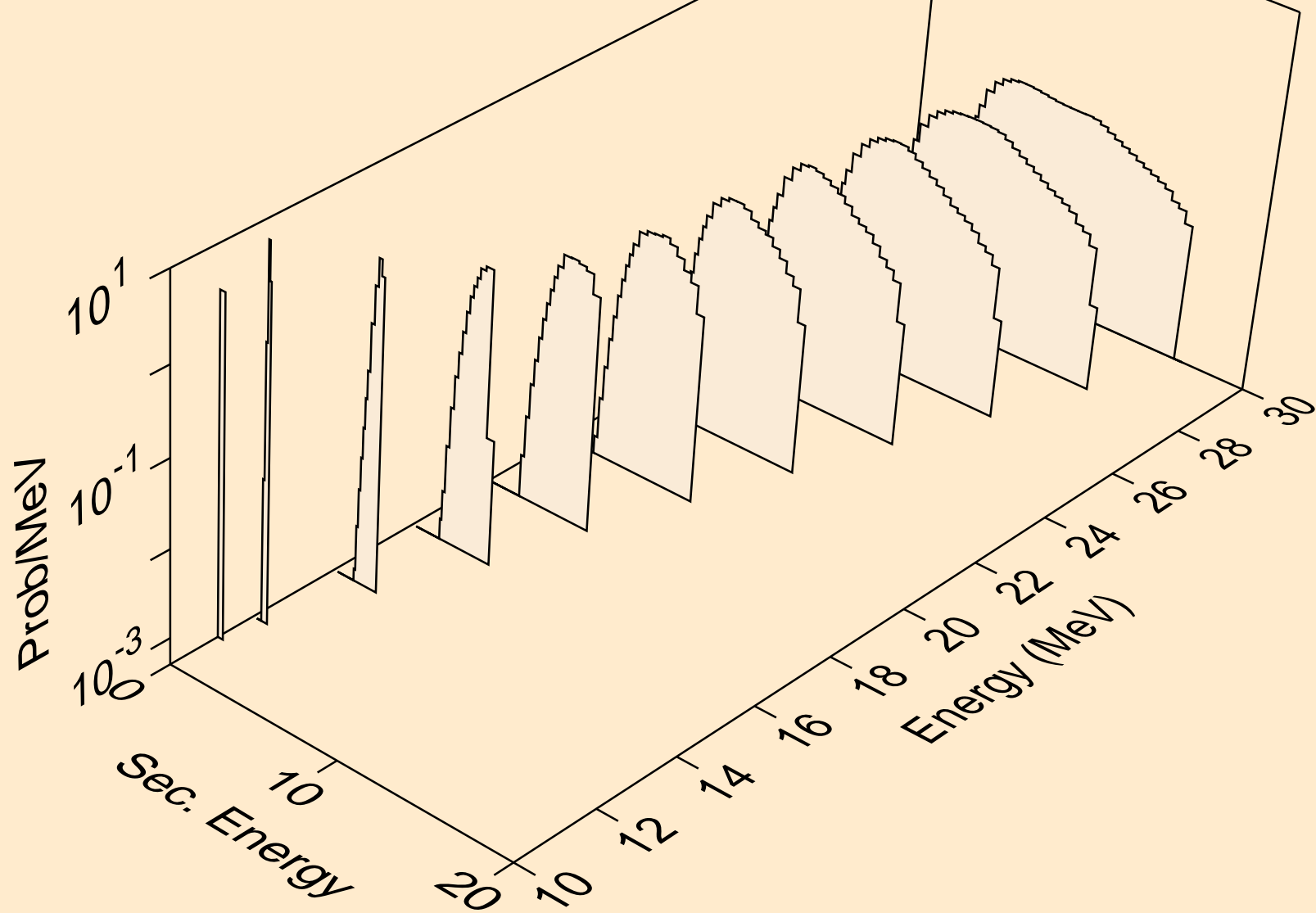
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

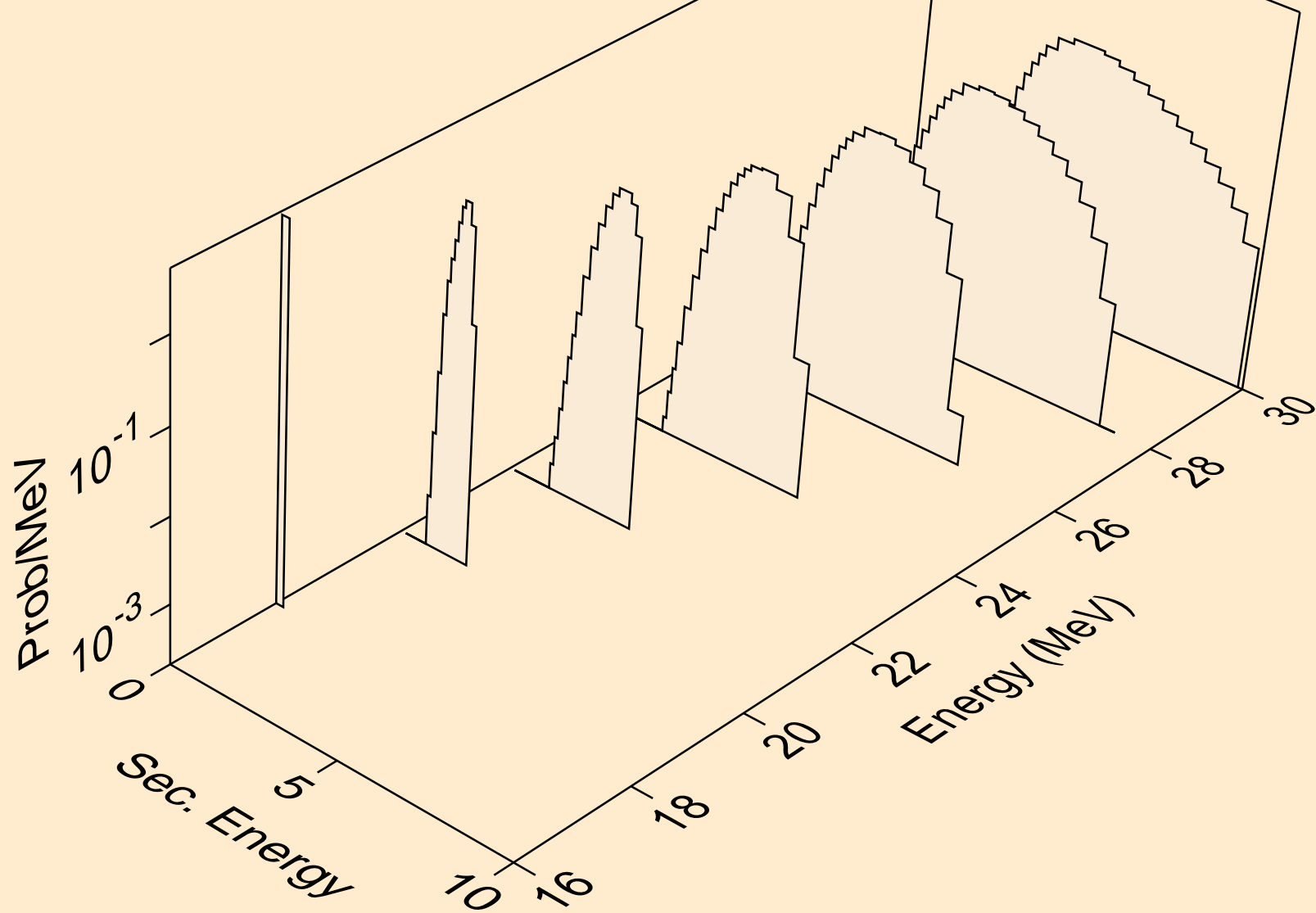


SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

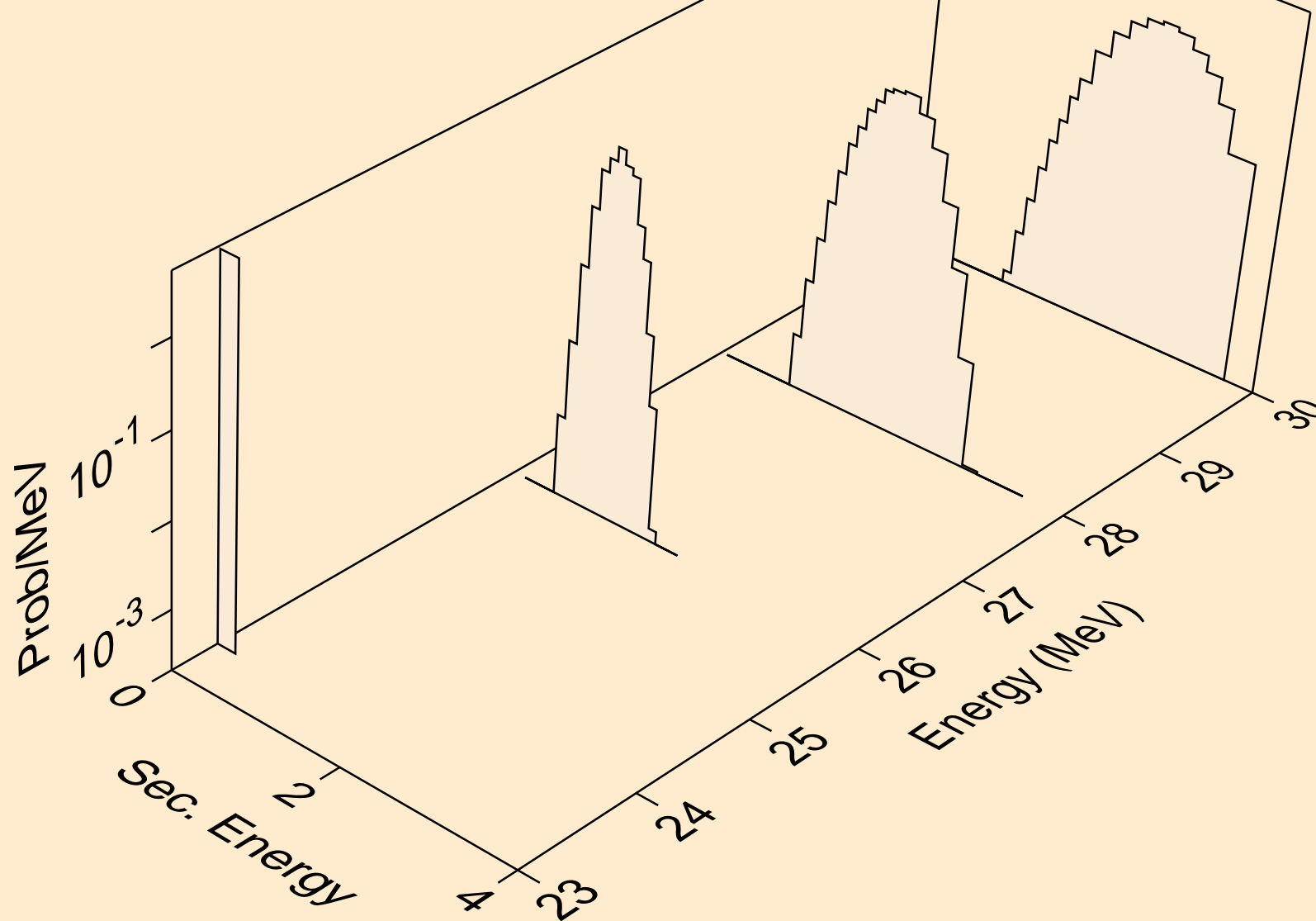




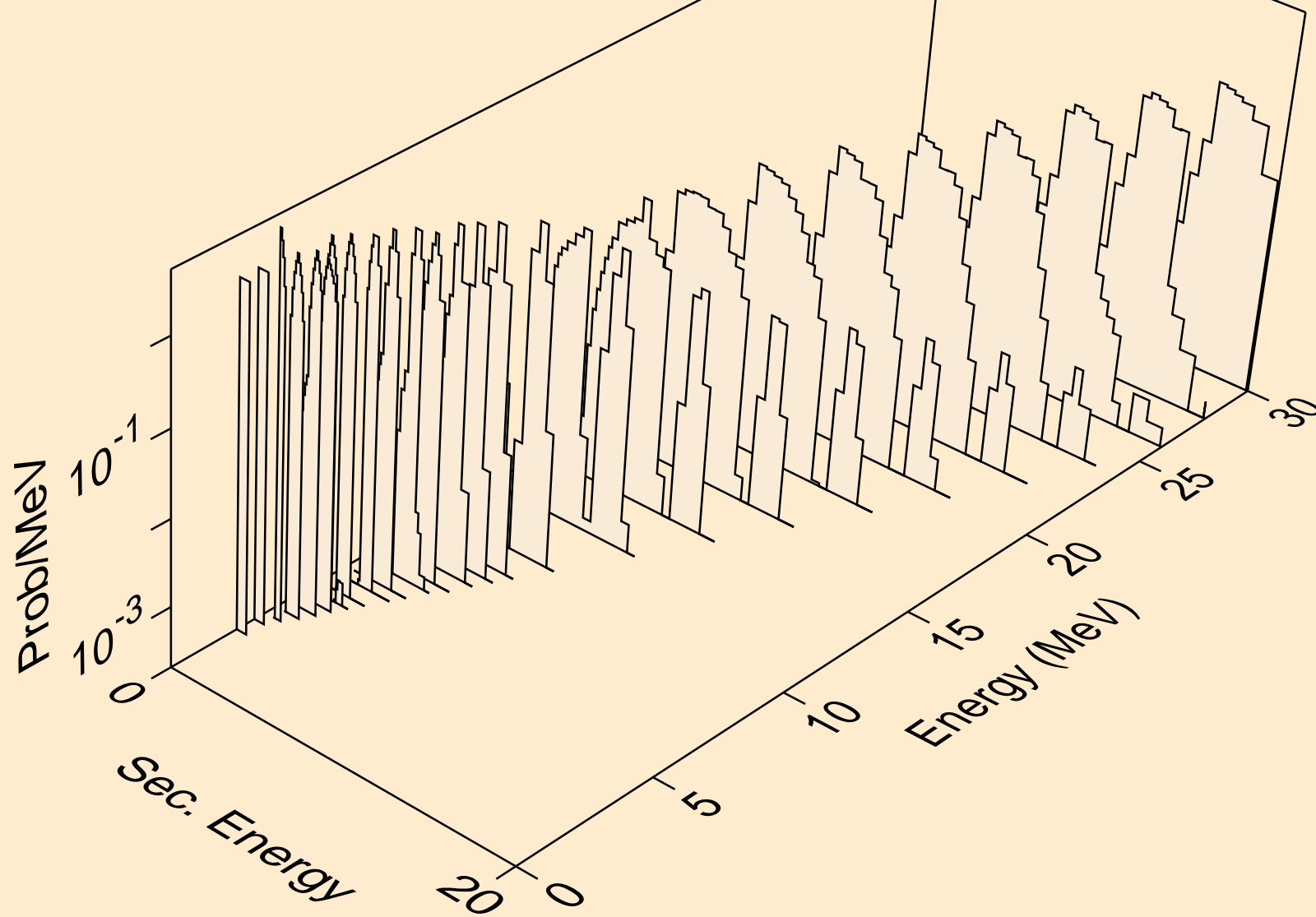
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



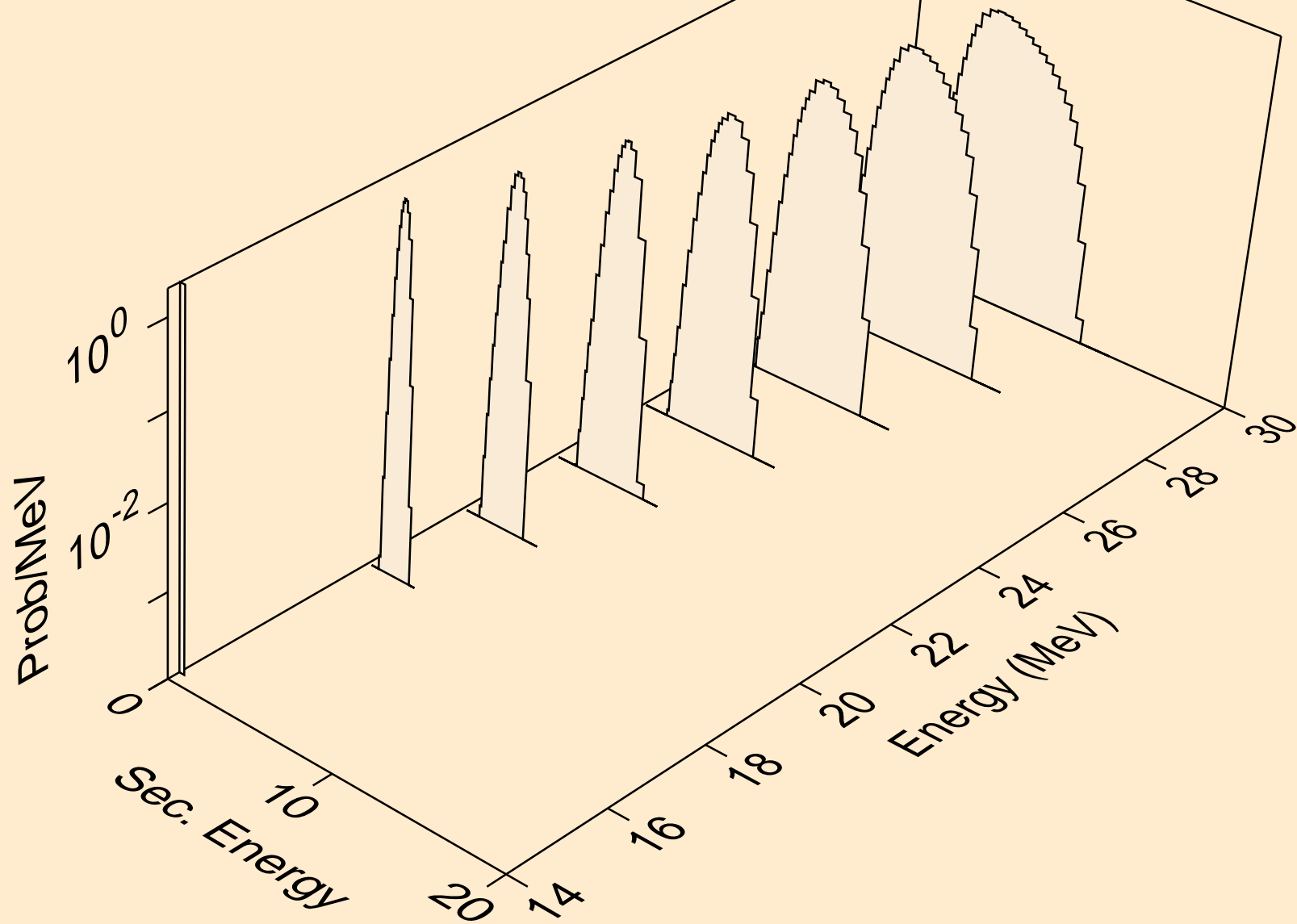
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alphas from (n,n\*)2a



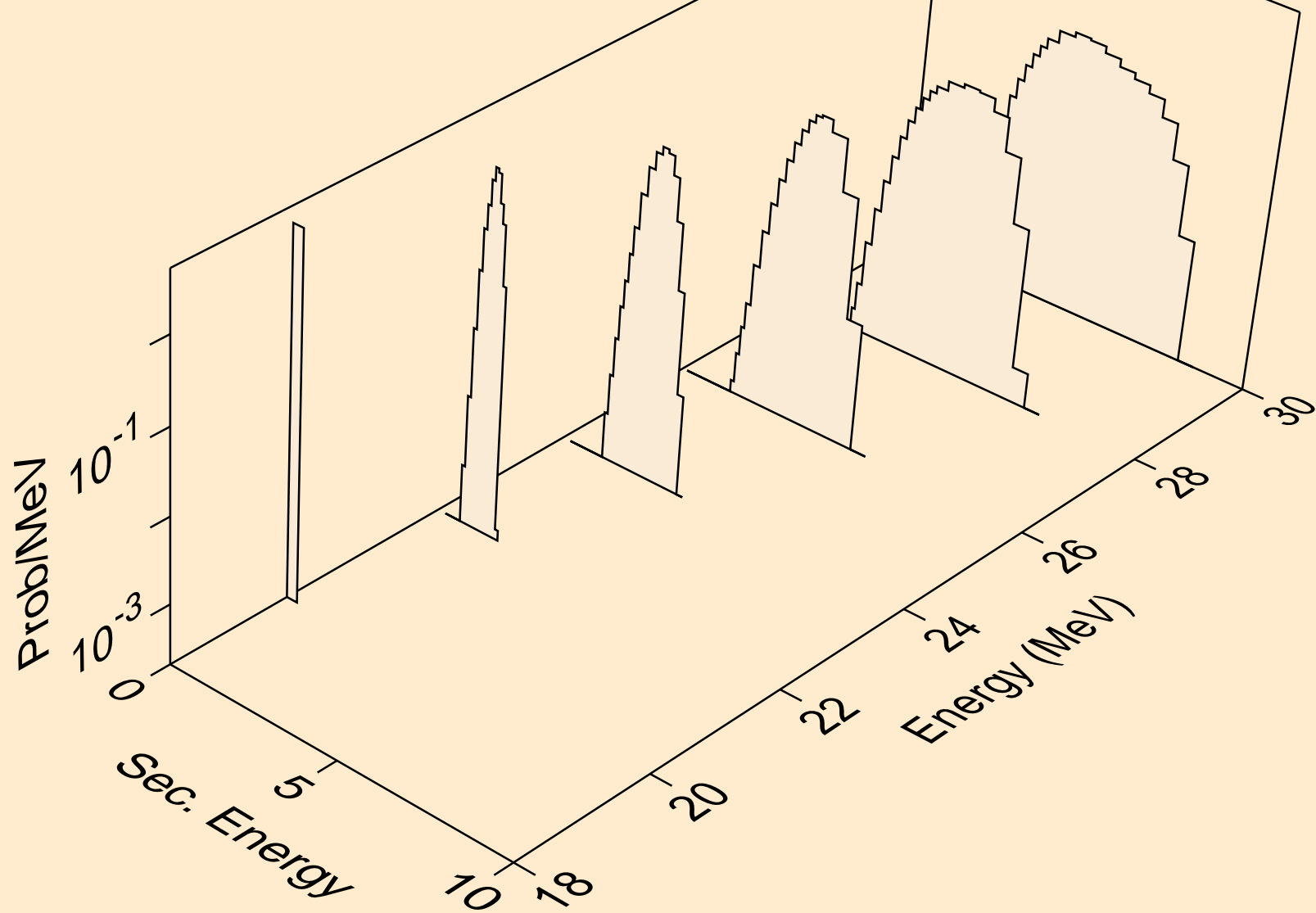
SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



SI031 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

