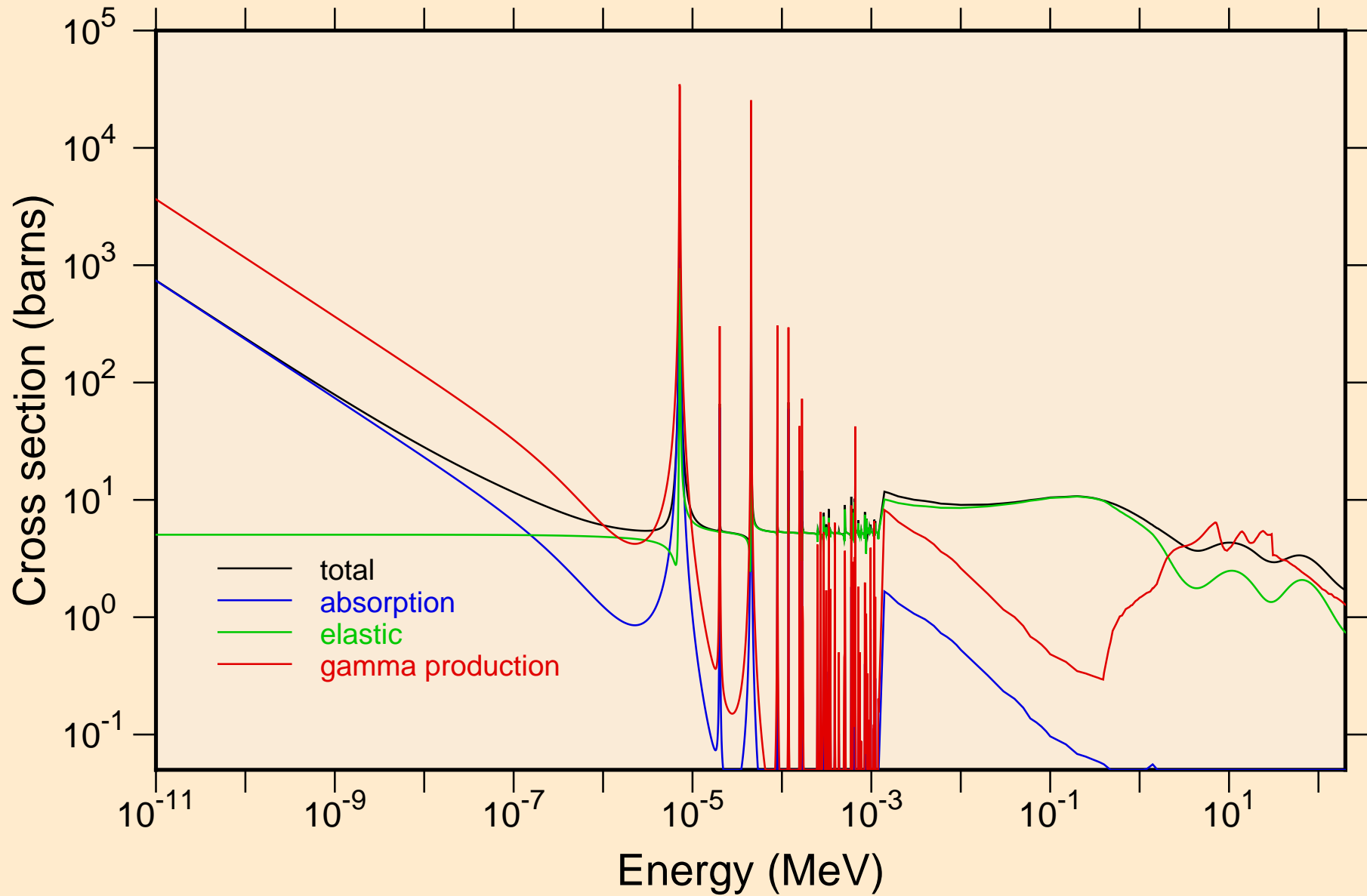
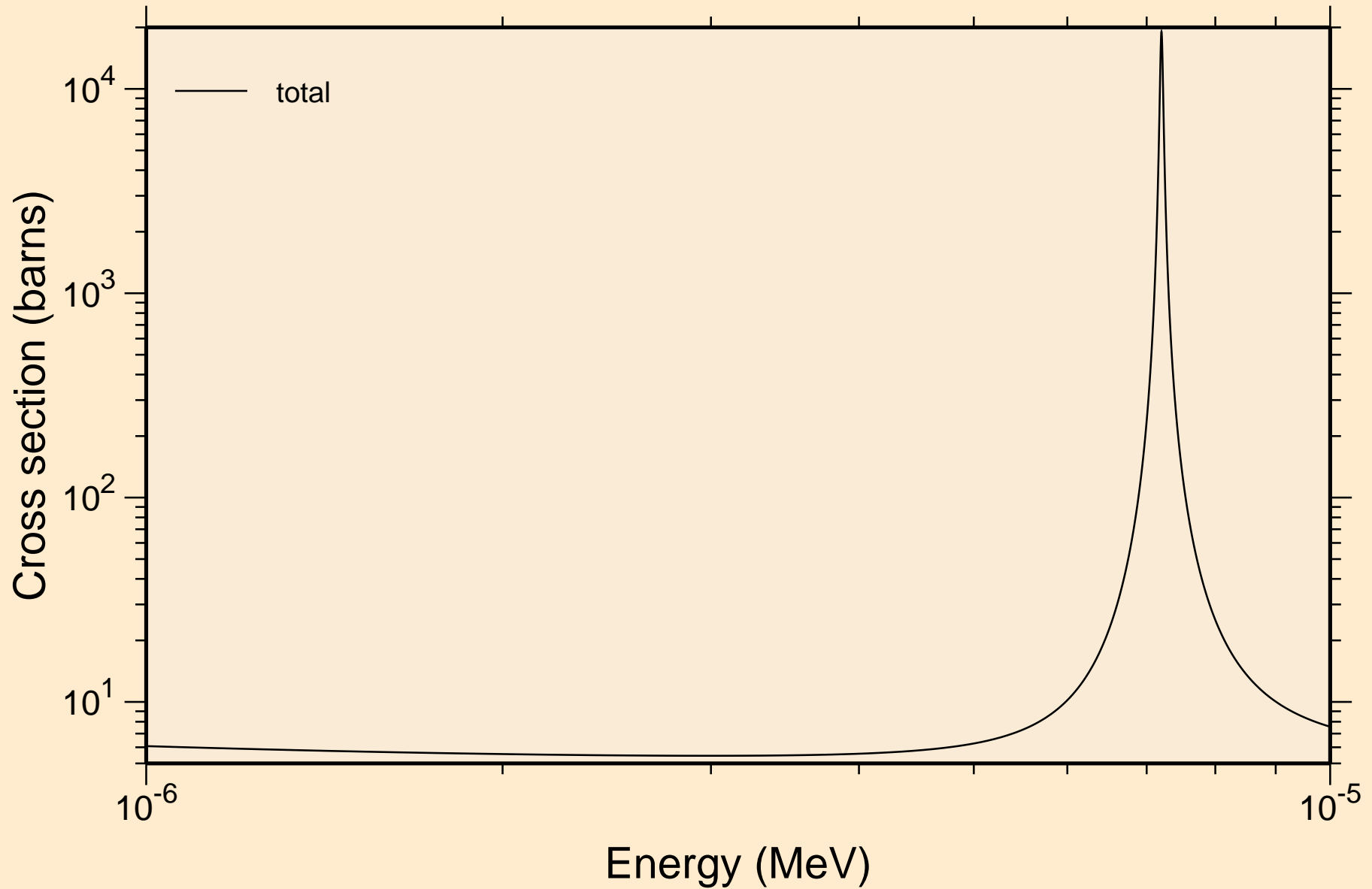


# NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

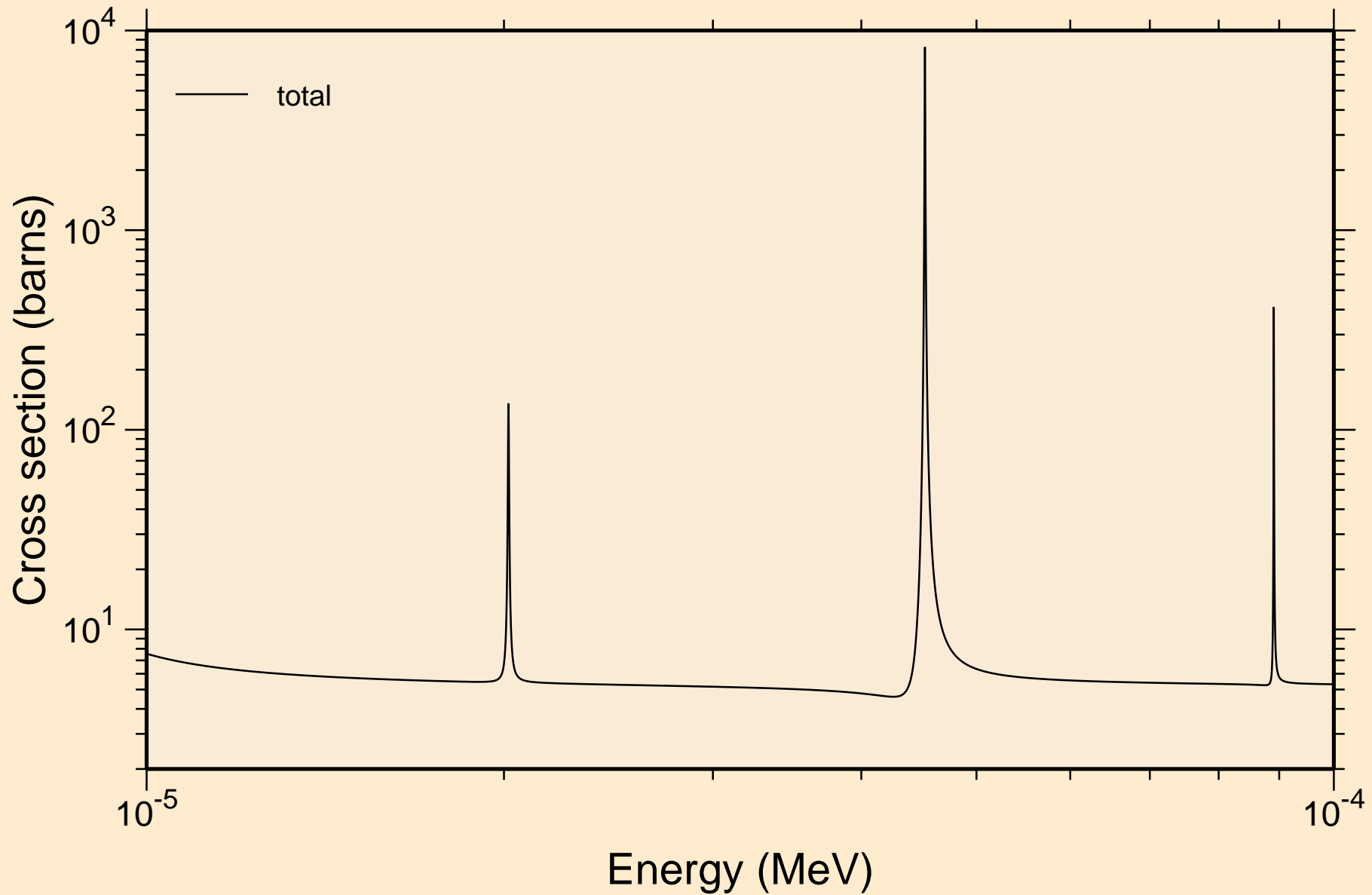
## Principal cross sections



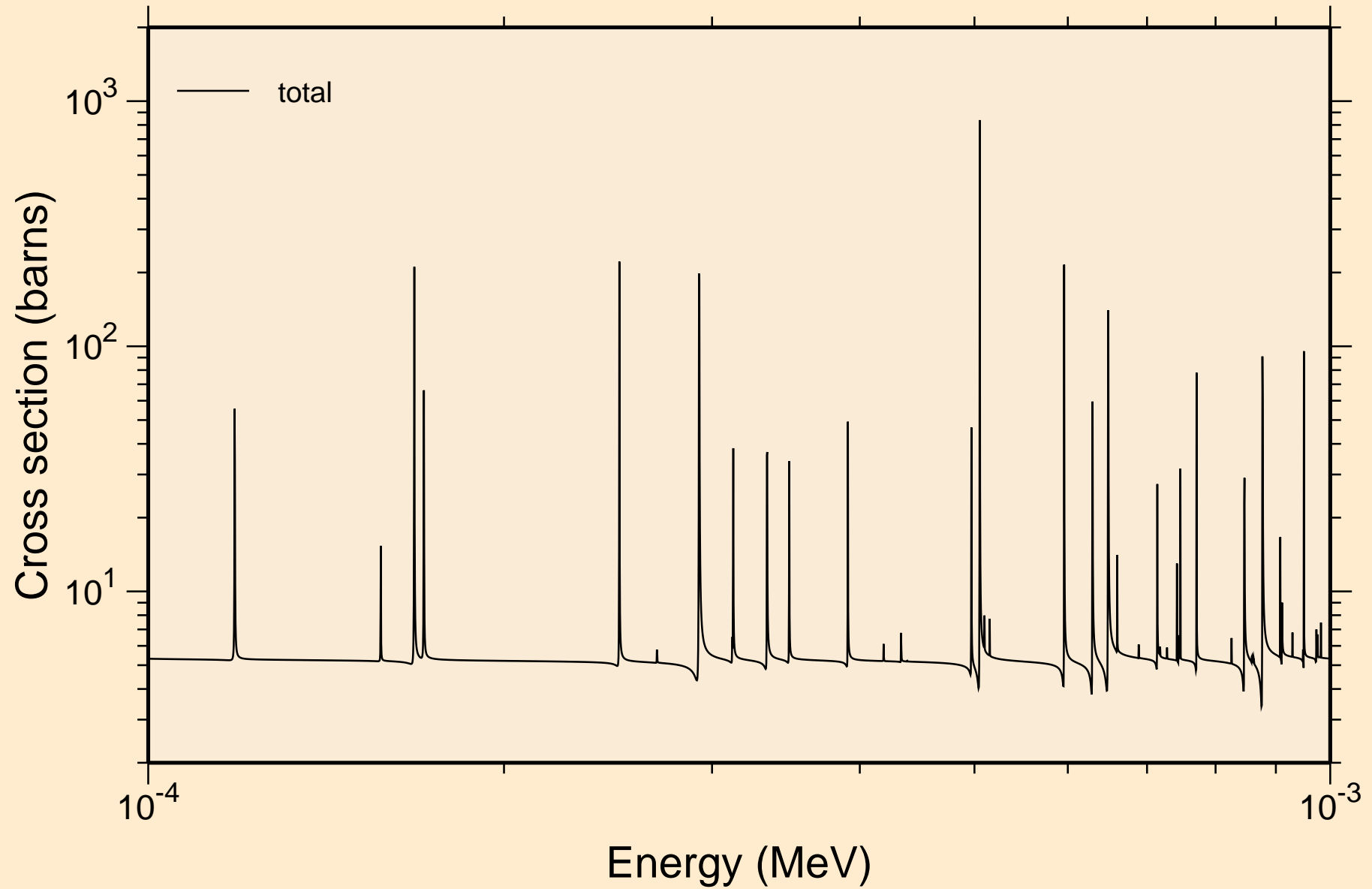
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



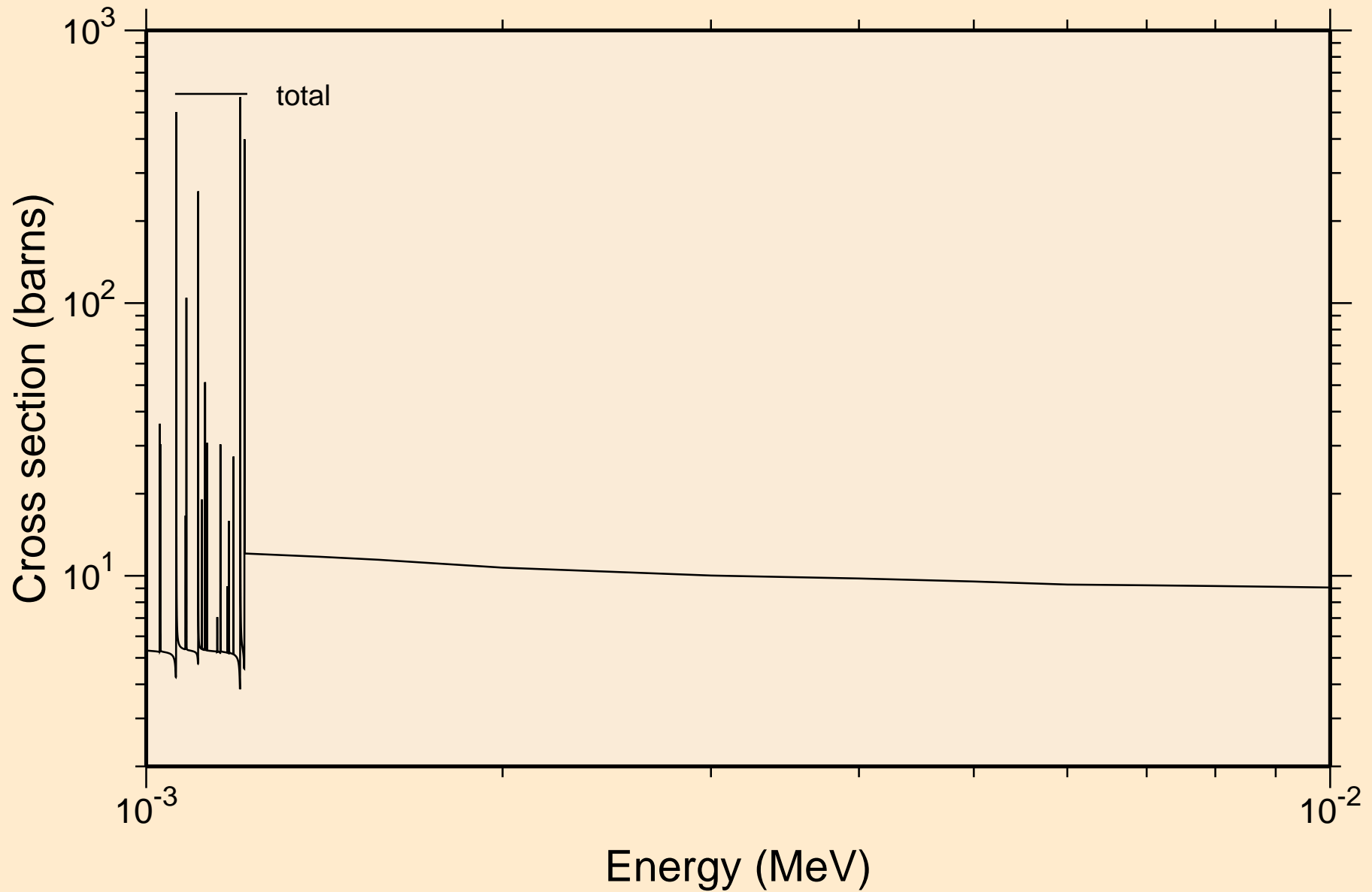
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



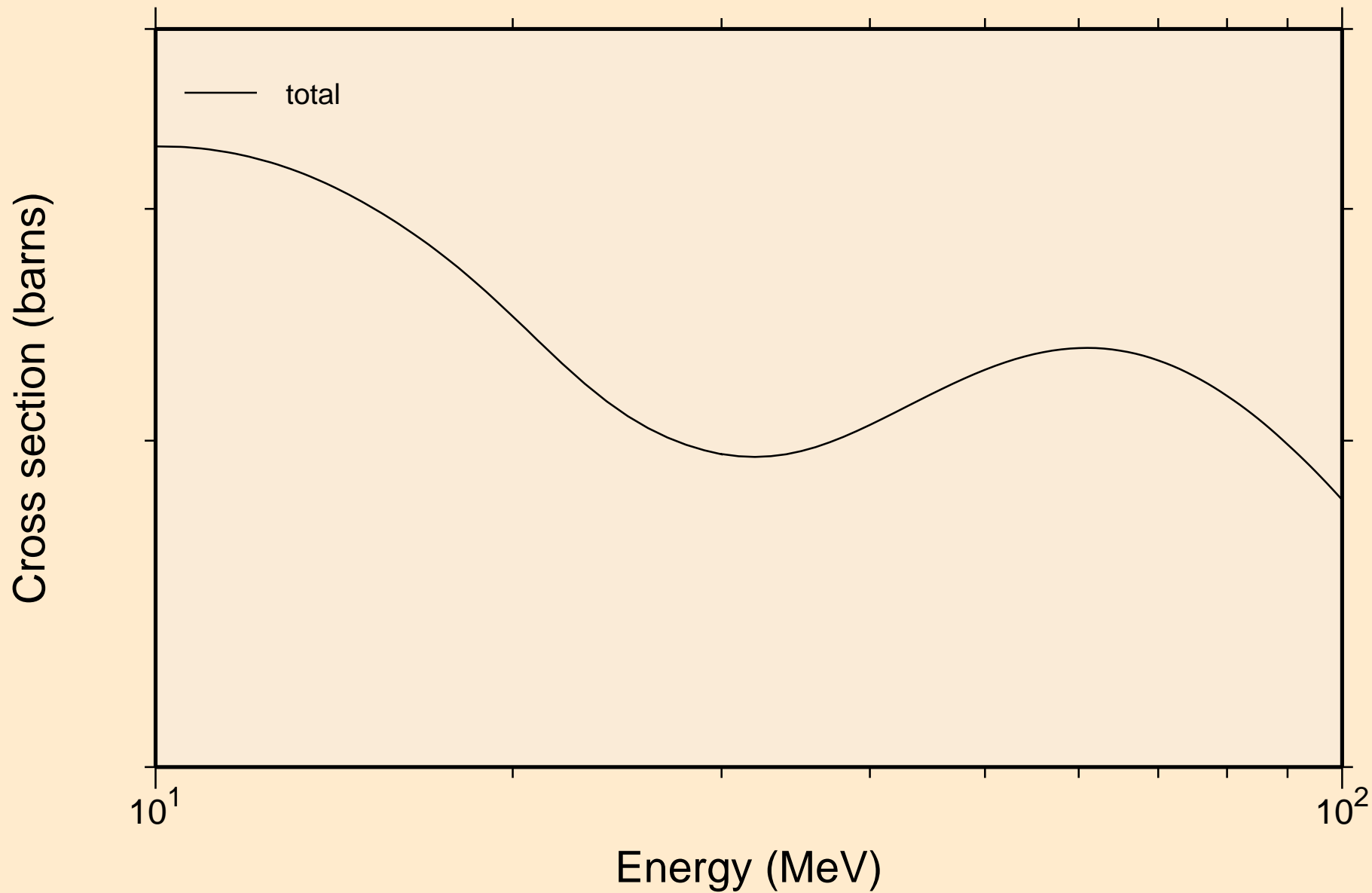
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



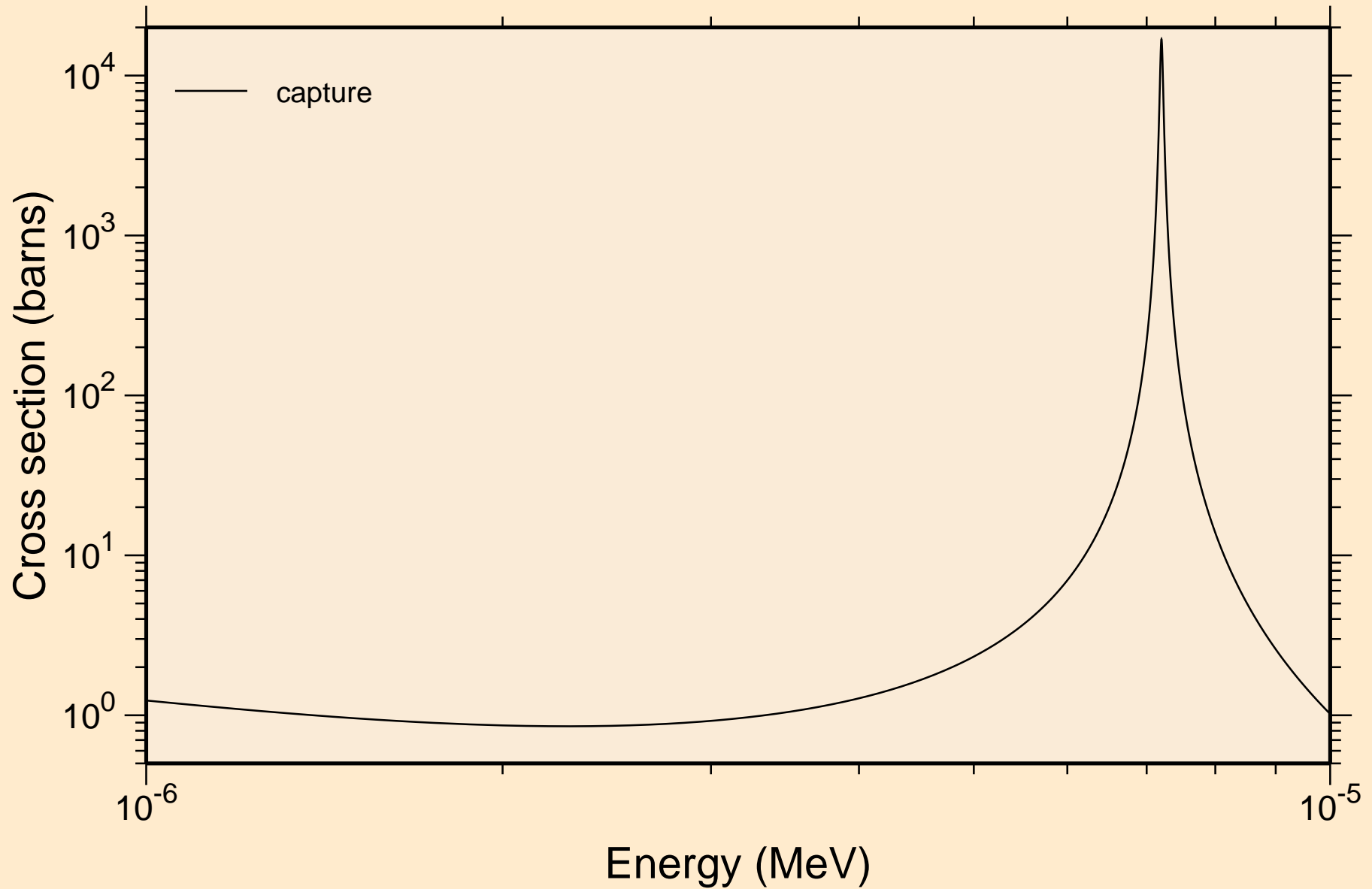
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



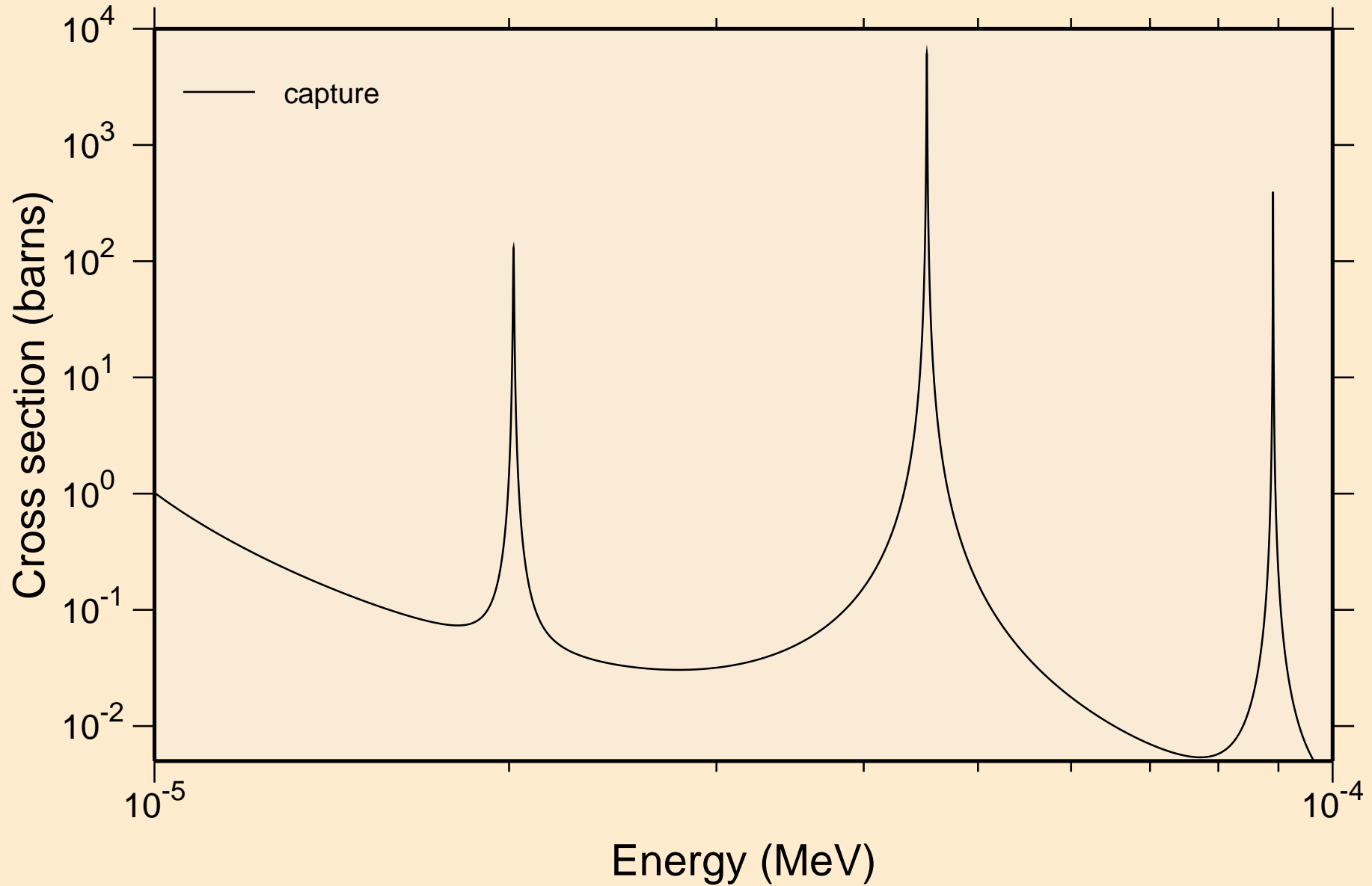
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

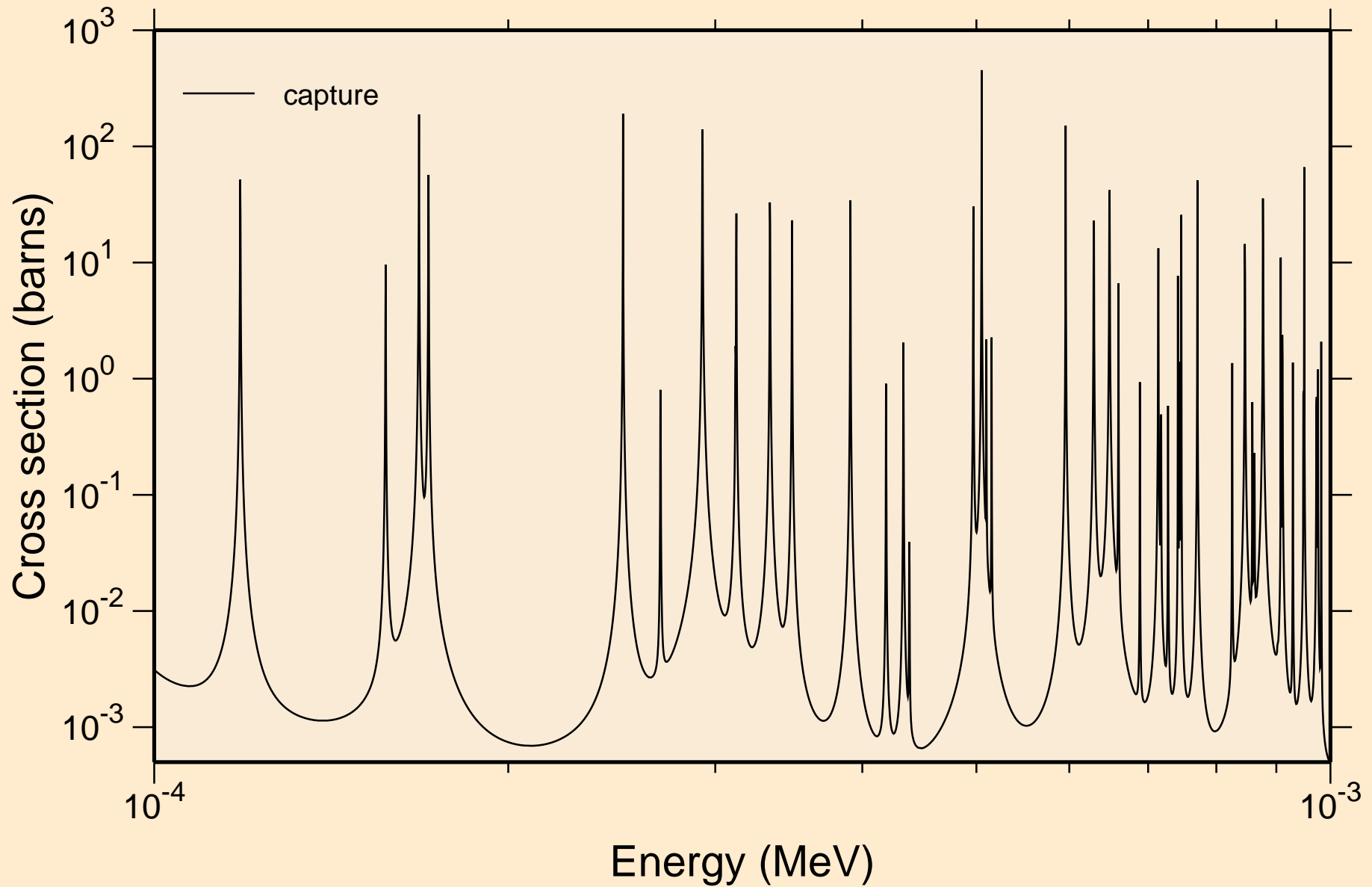


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

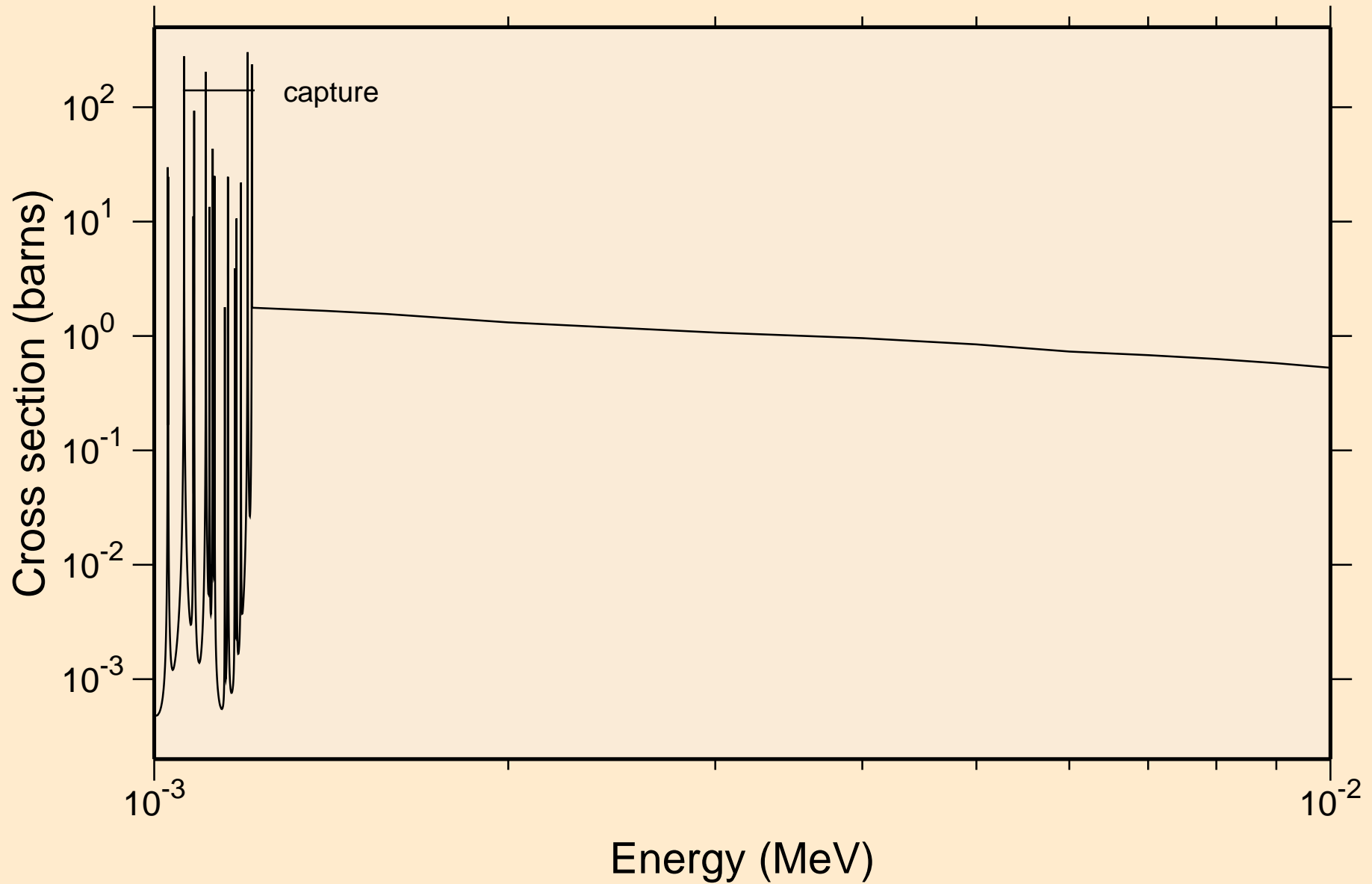




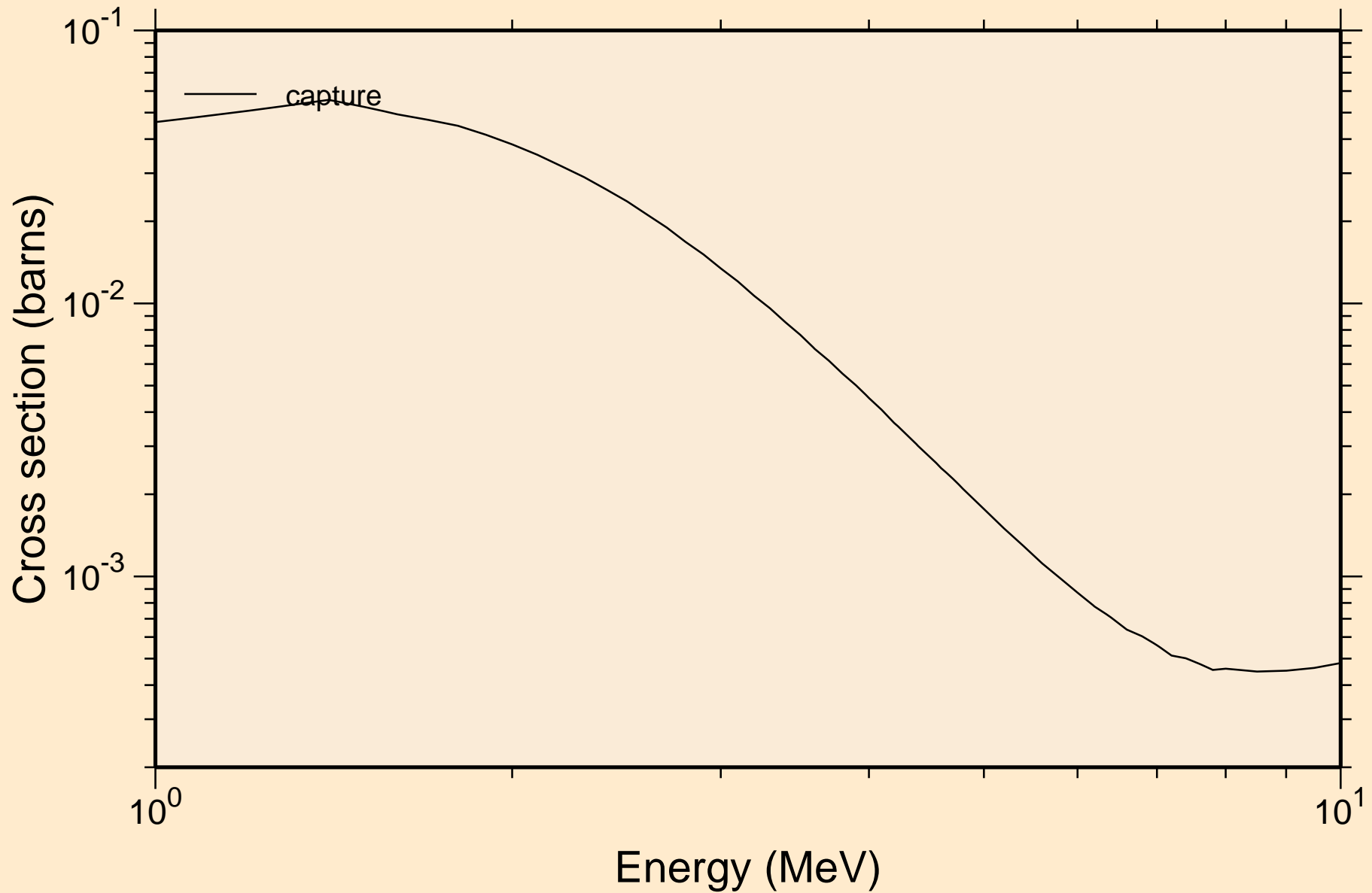
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



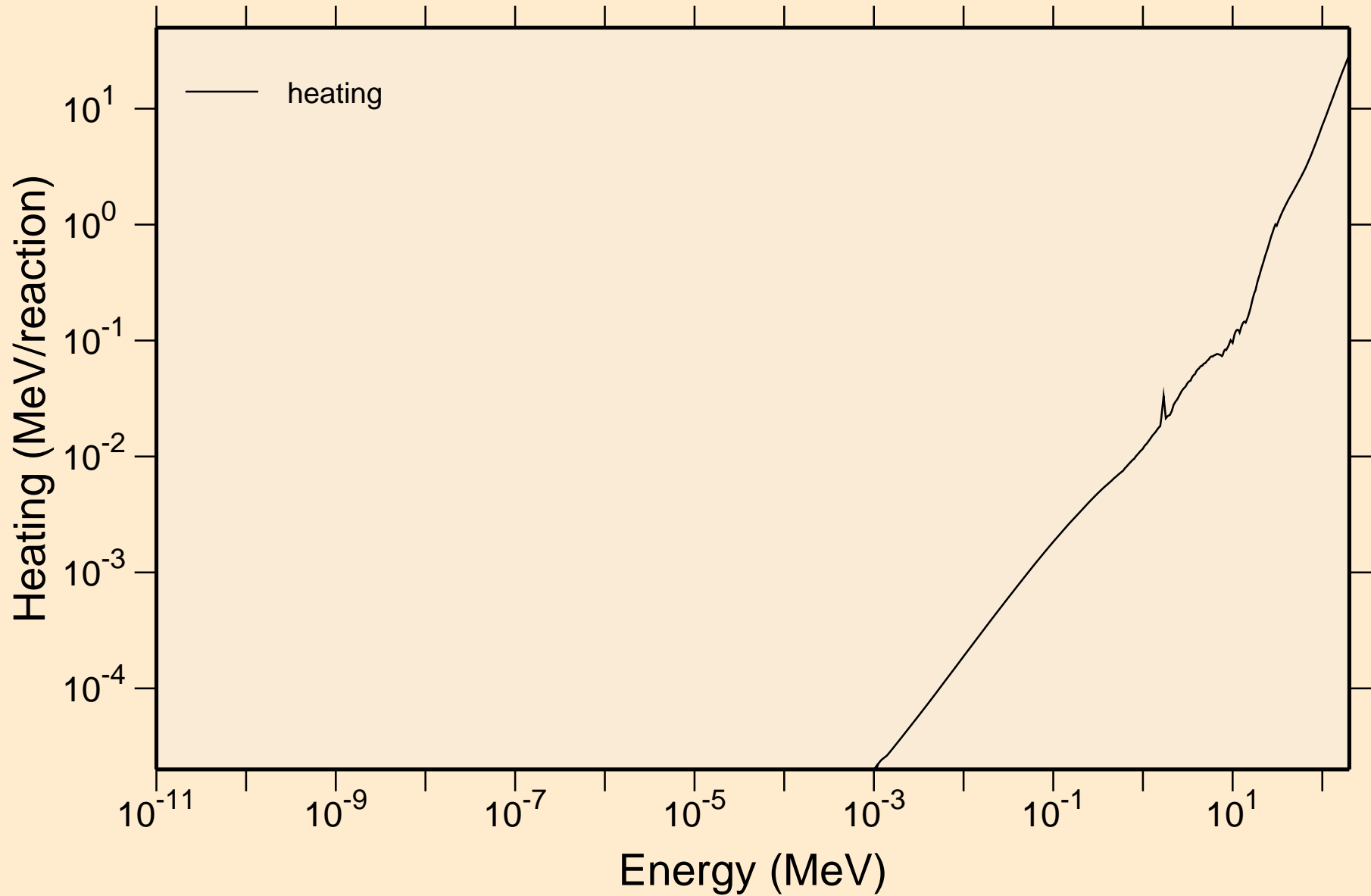
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

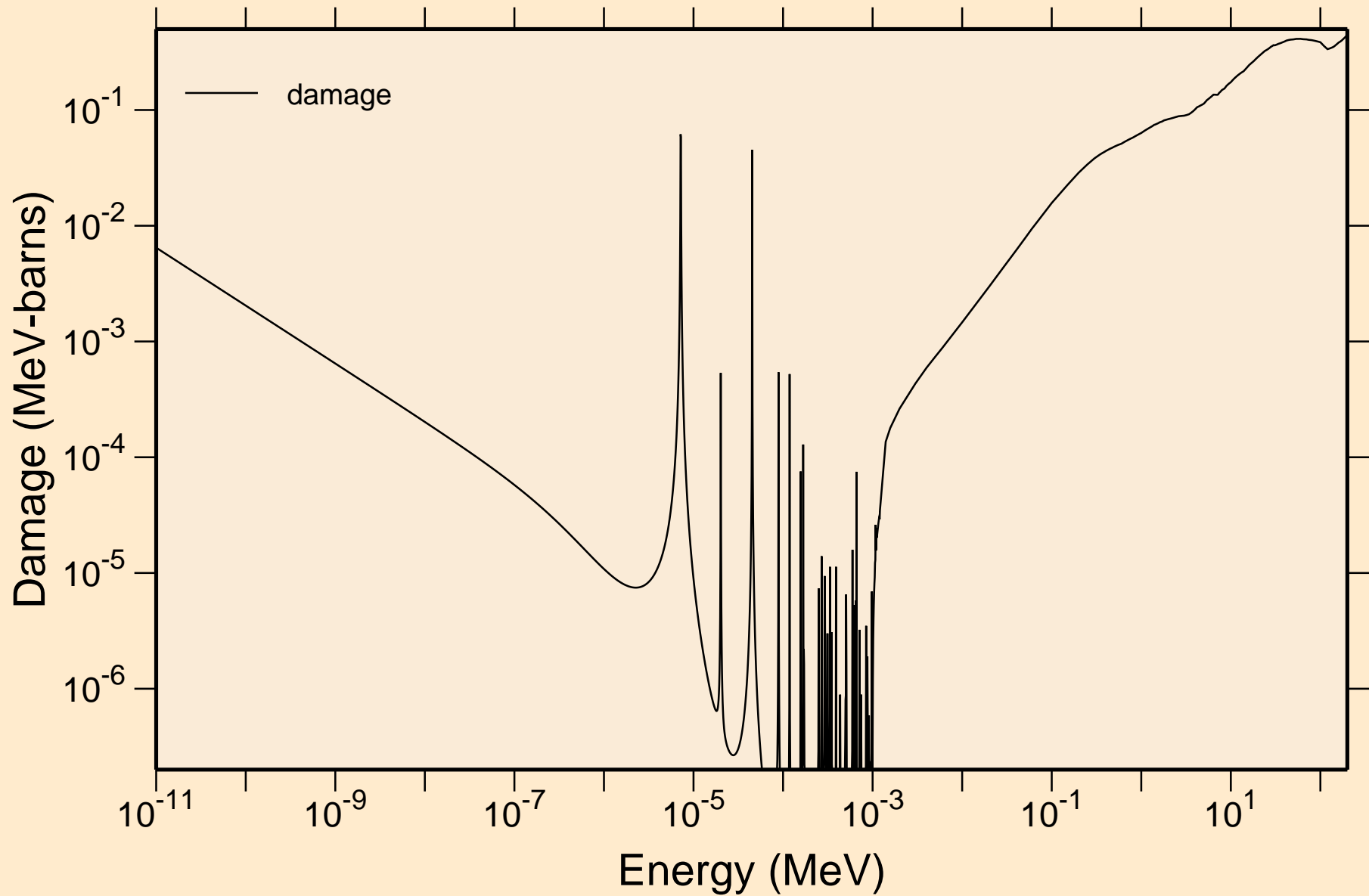


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

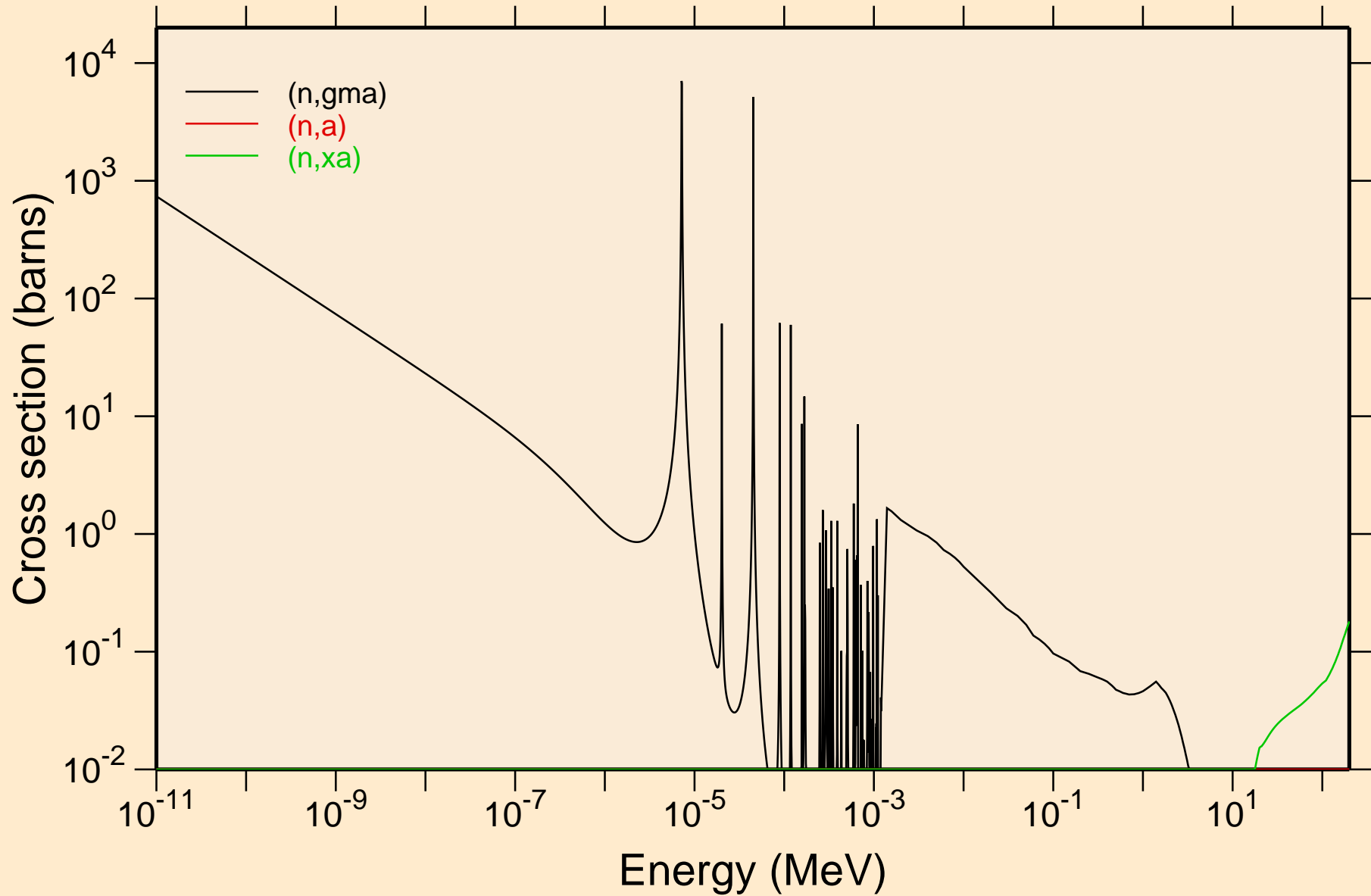


# NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

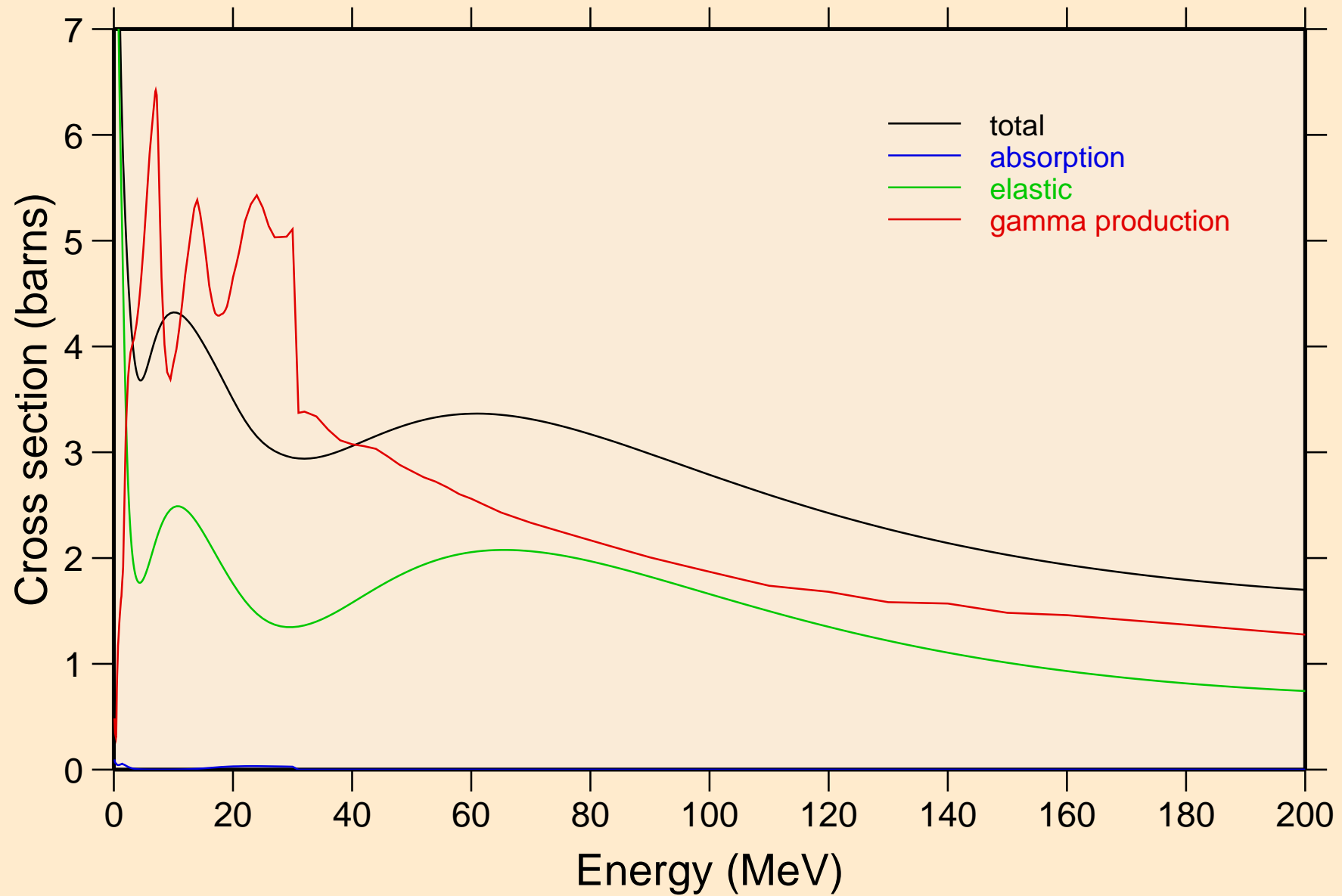


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



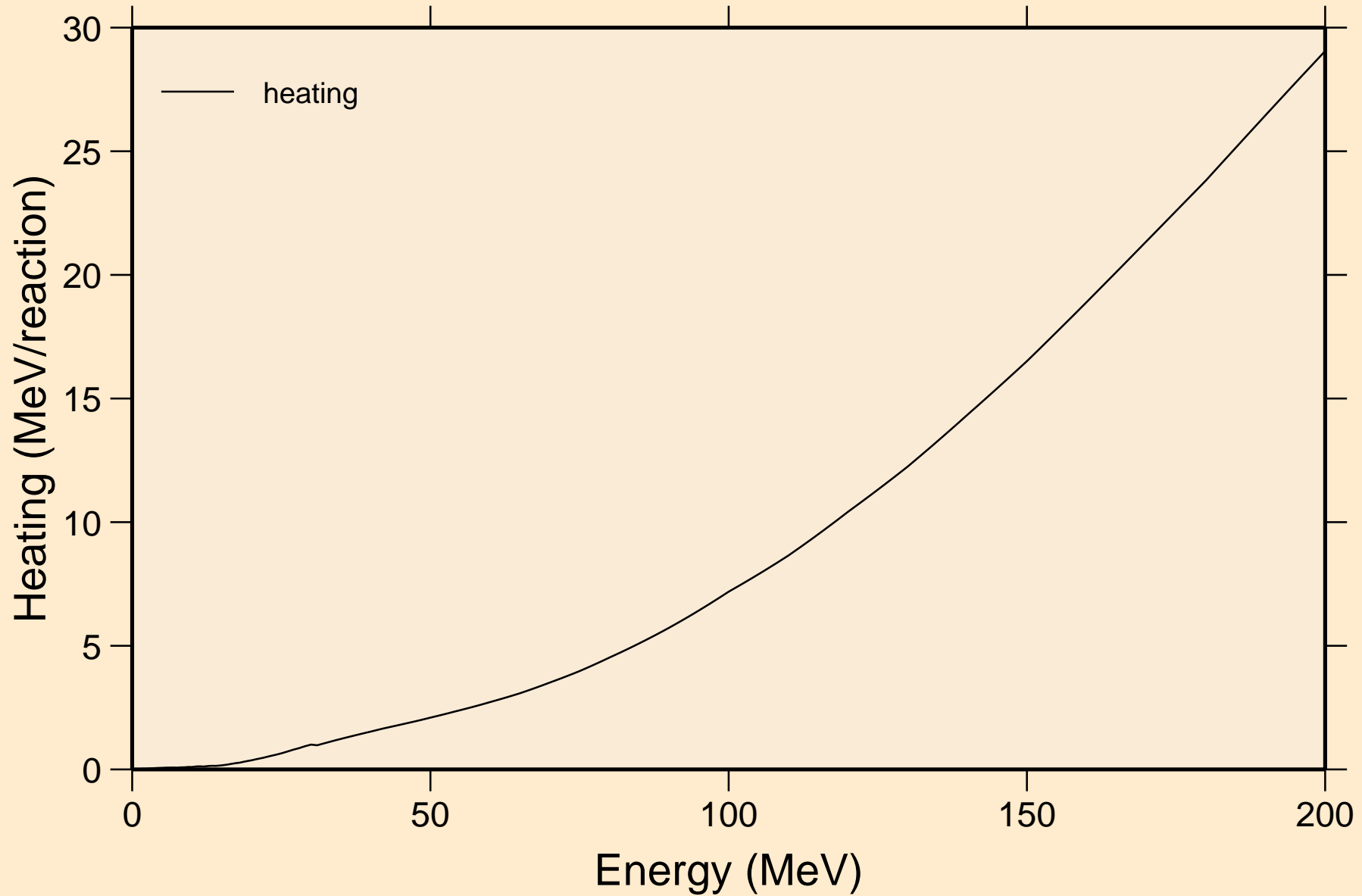
# NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



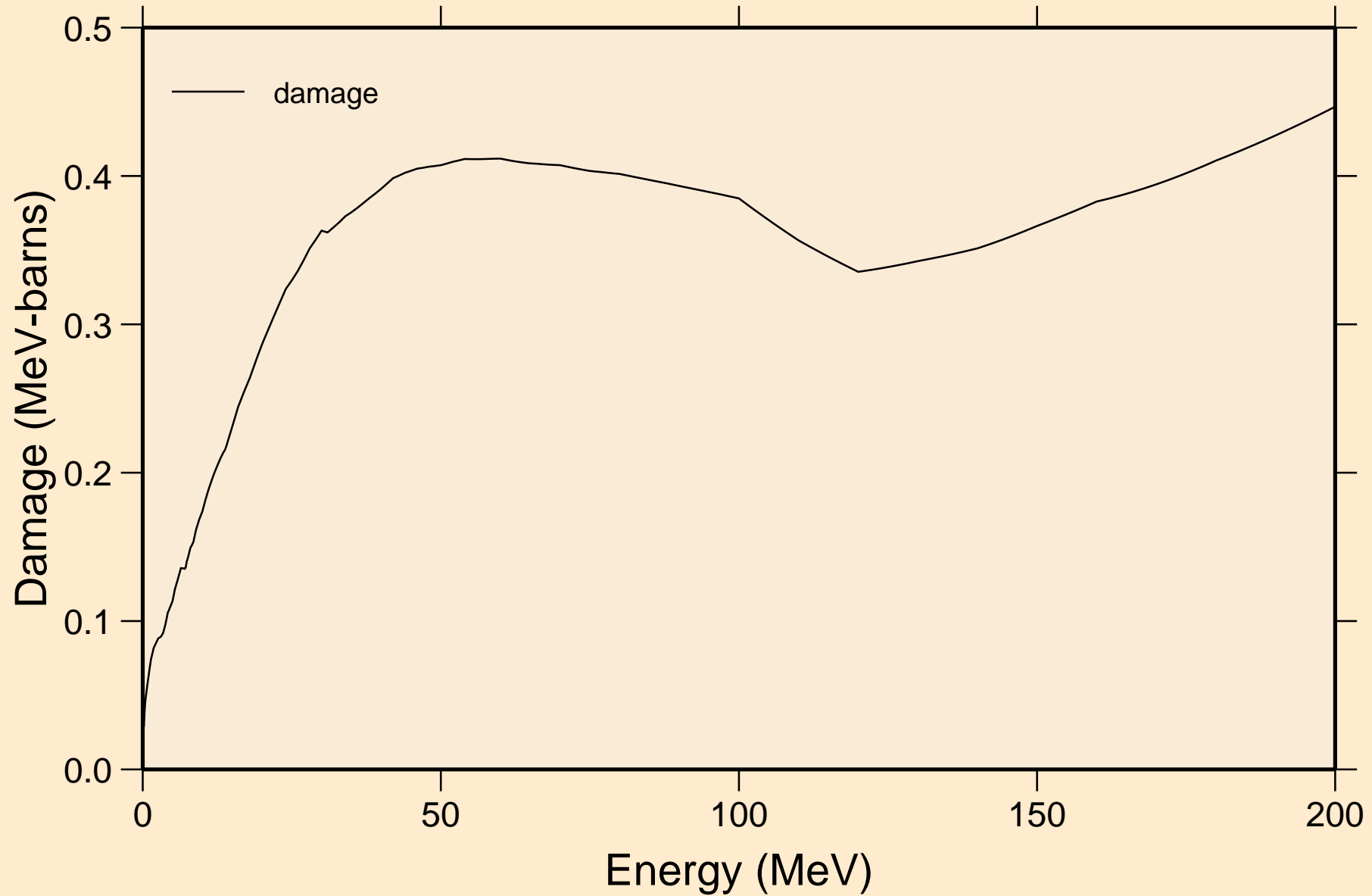
# NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

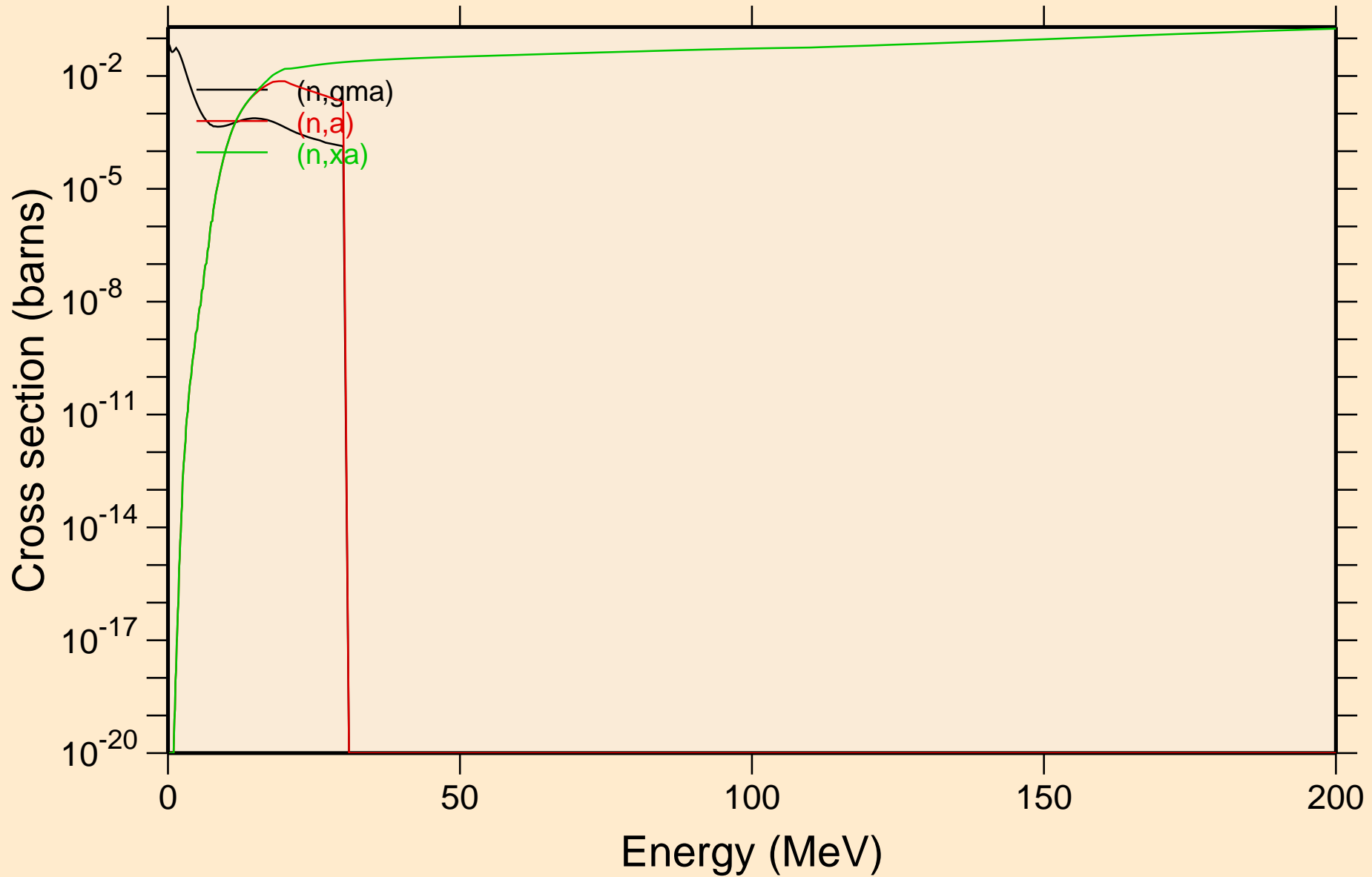




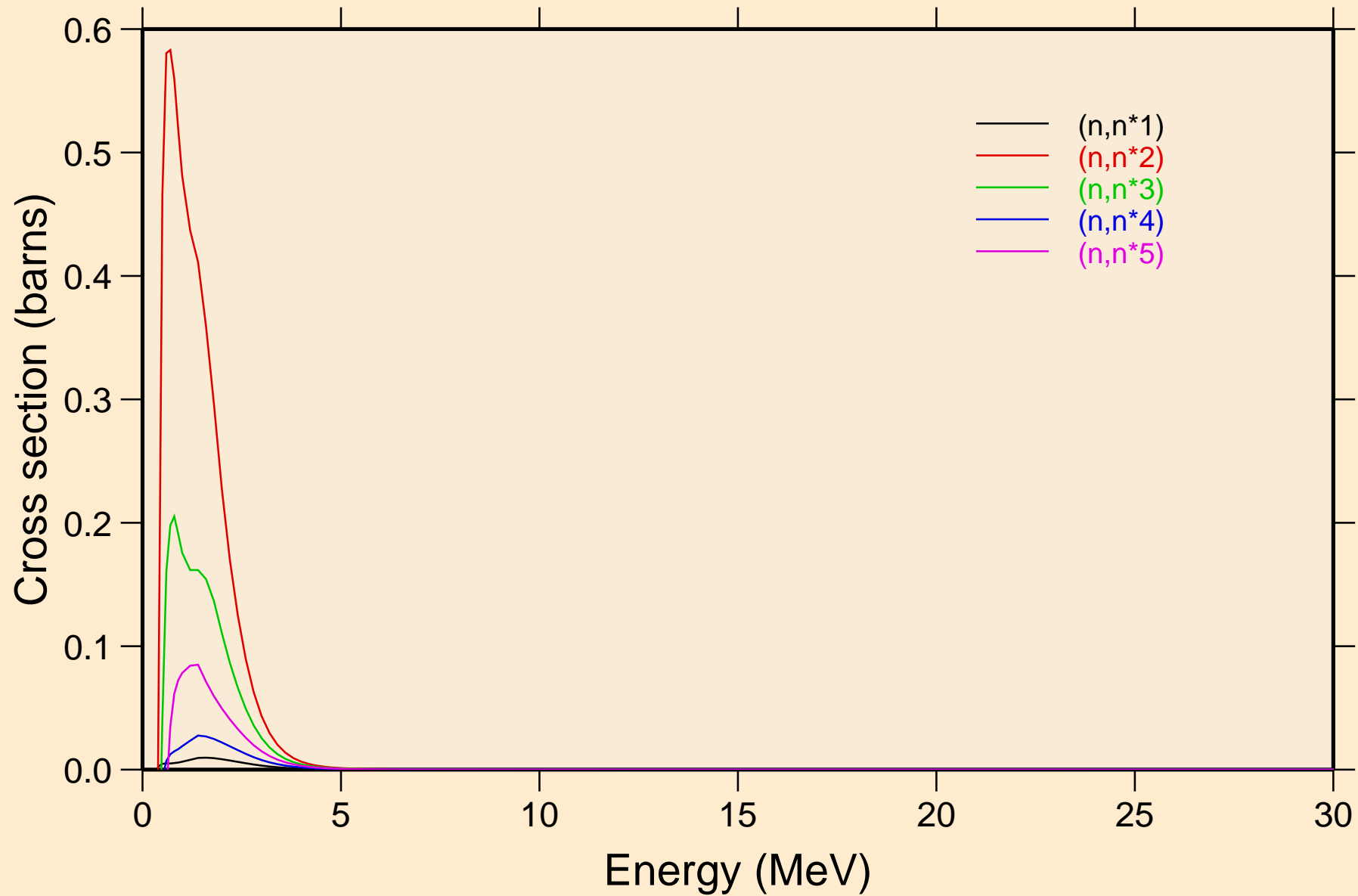
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



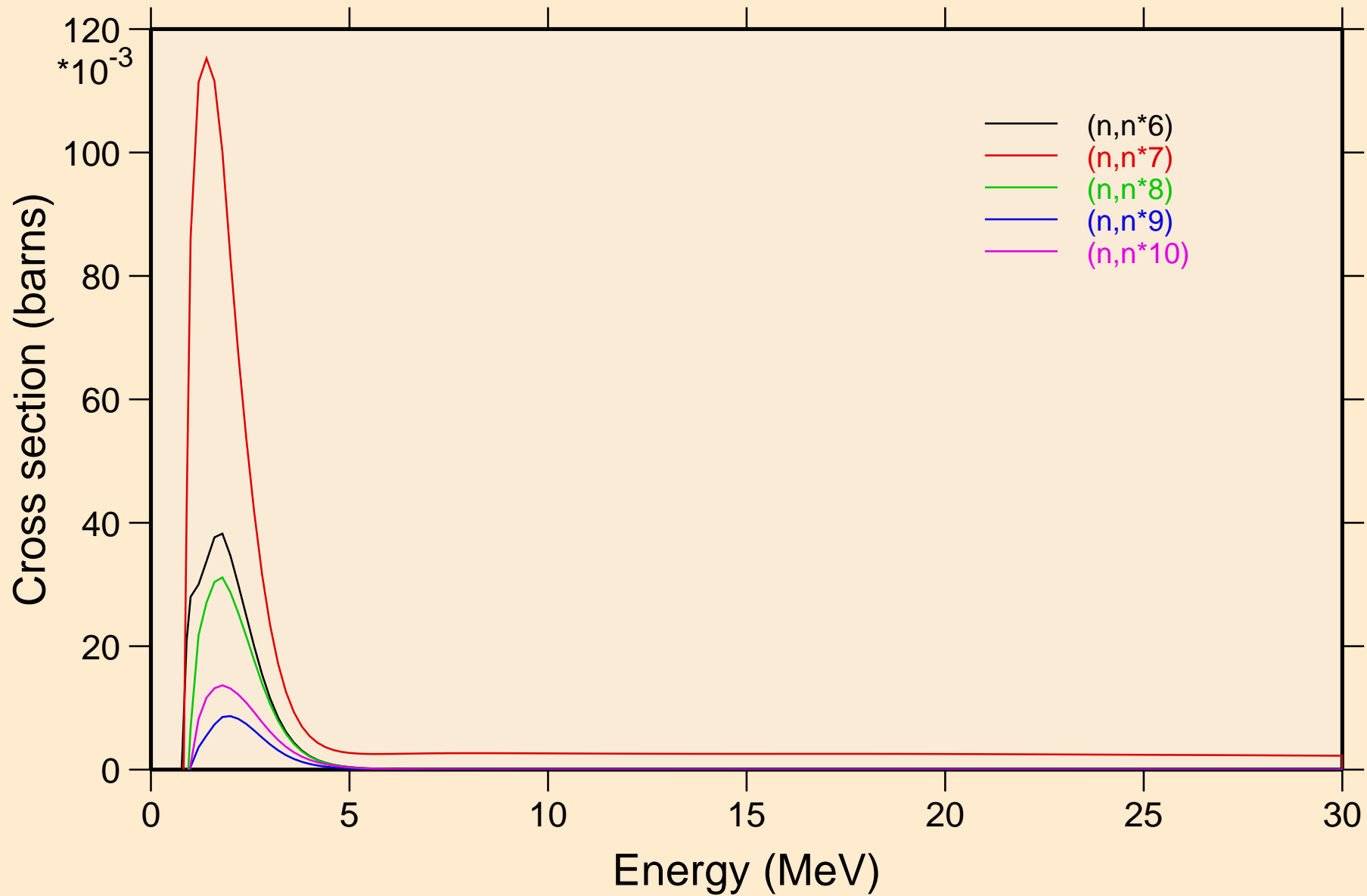
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

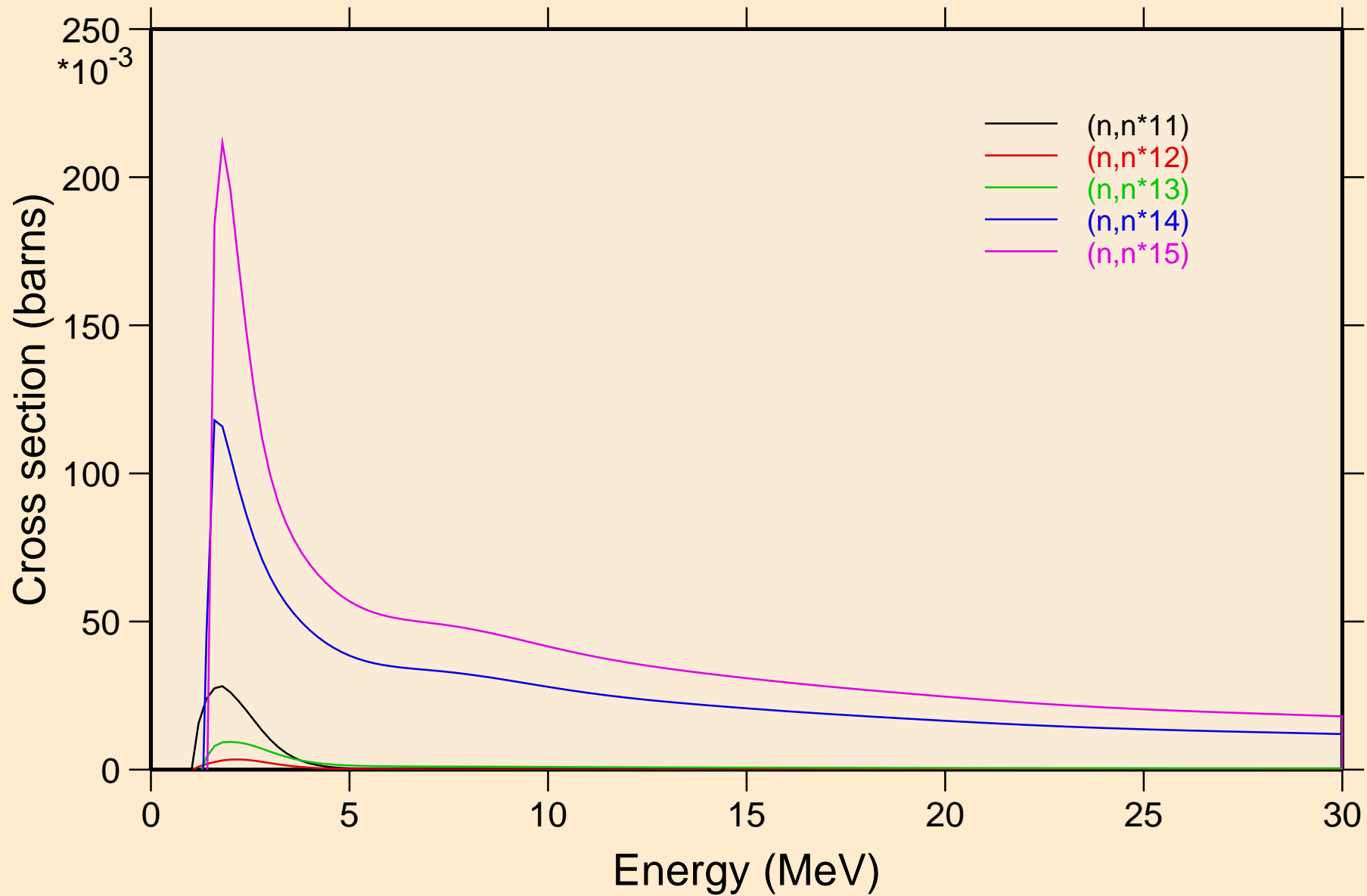


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

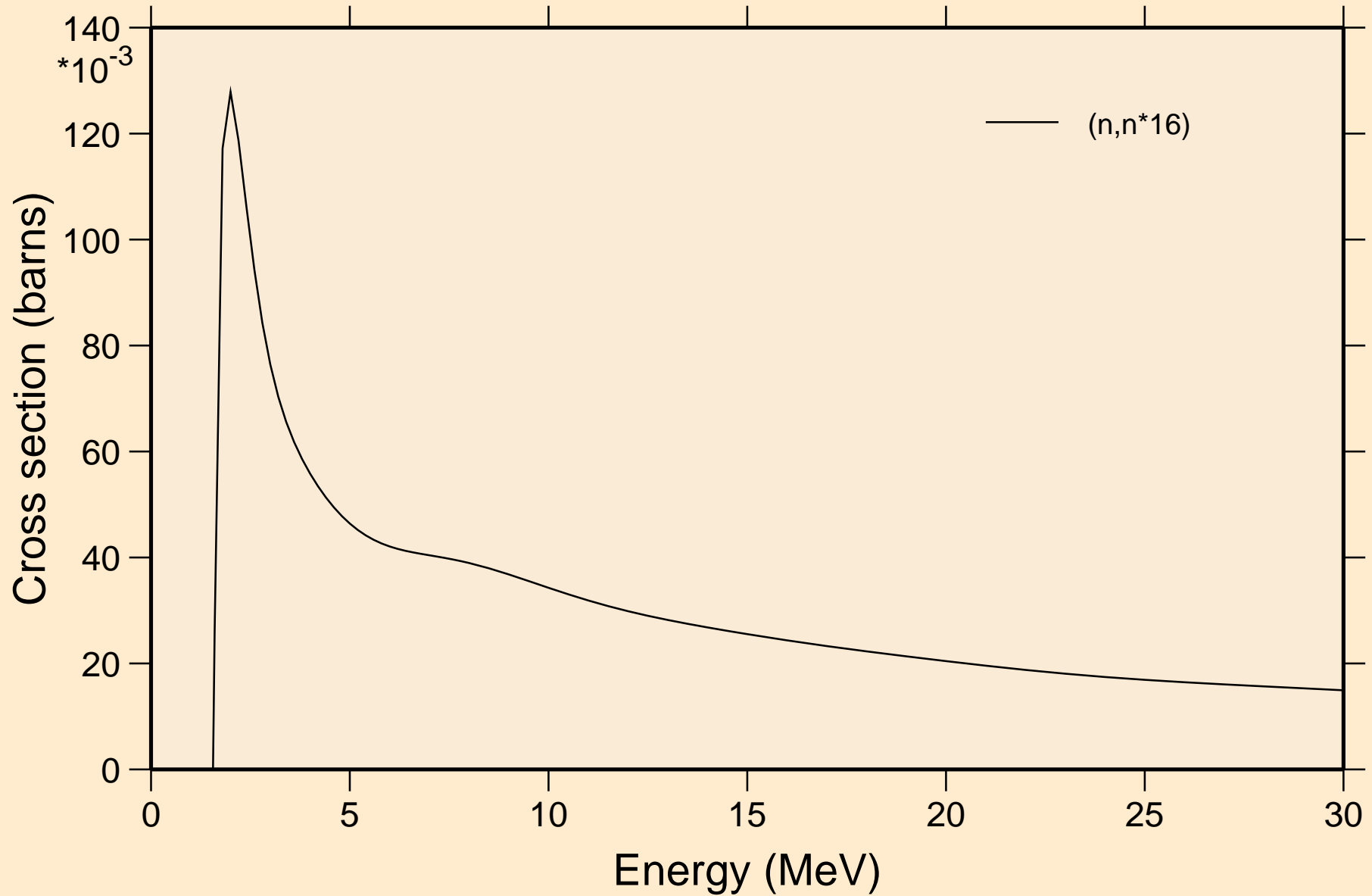


# NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

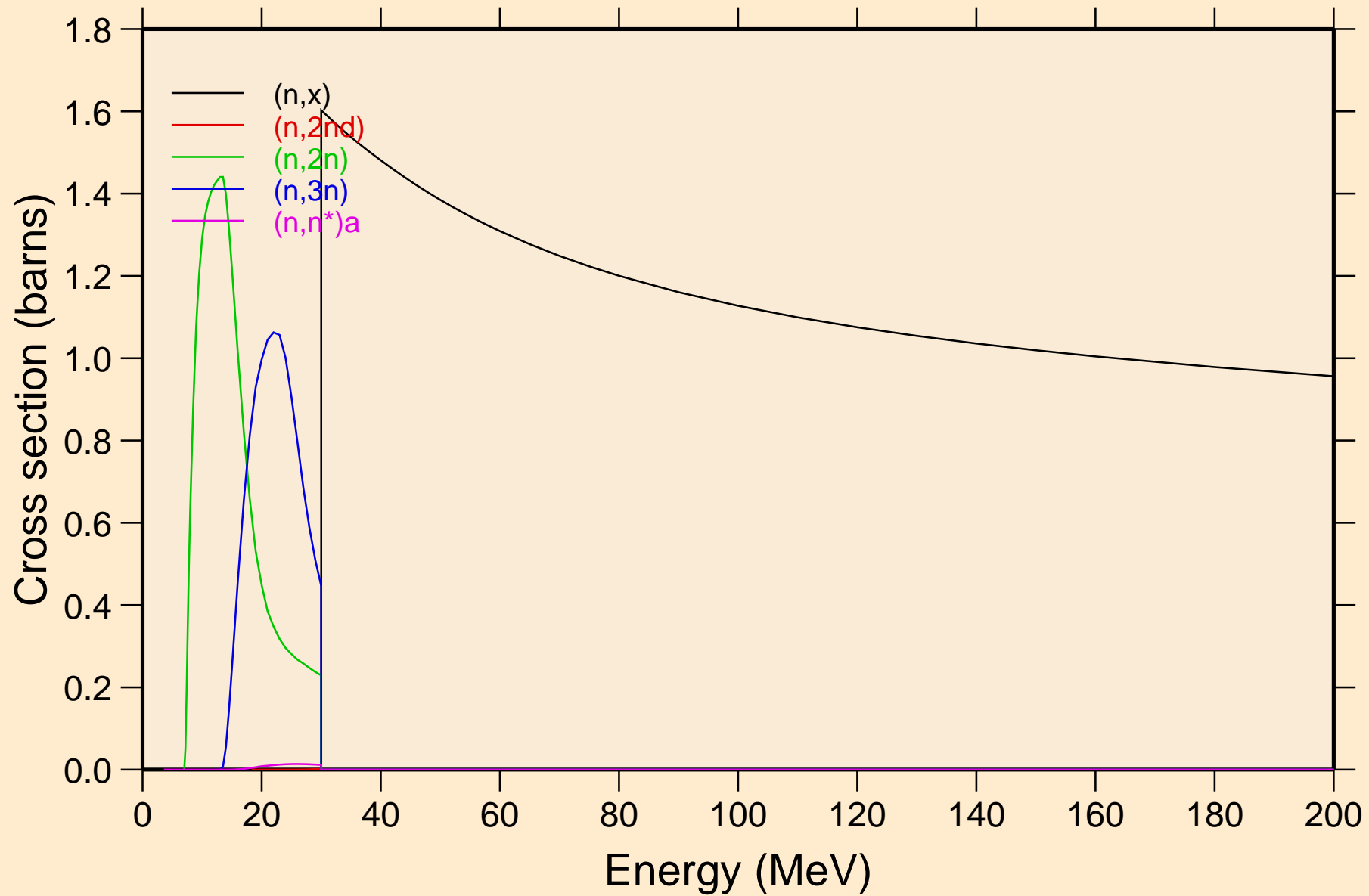
## Inelastic levels



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

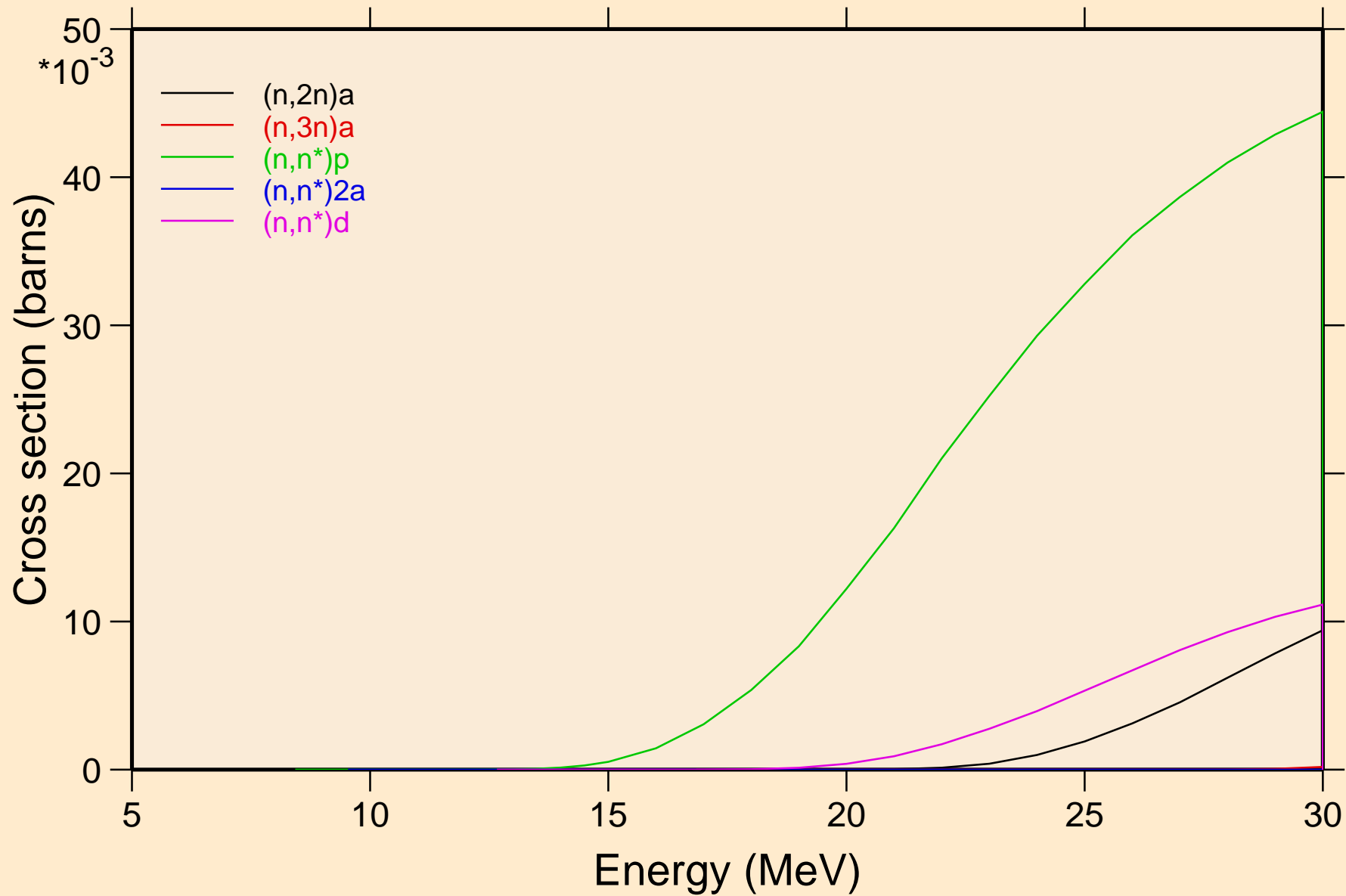


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



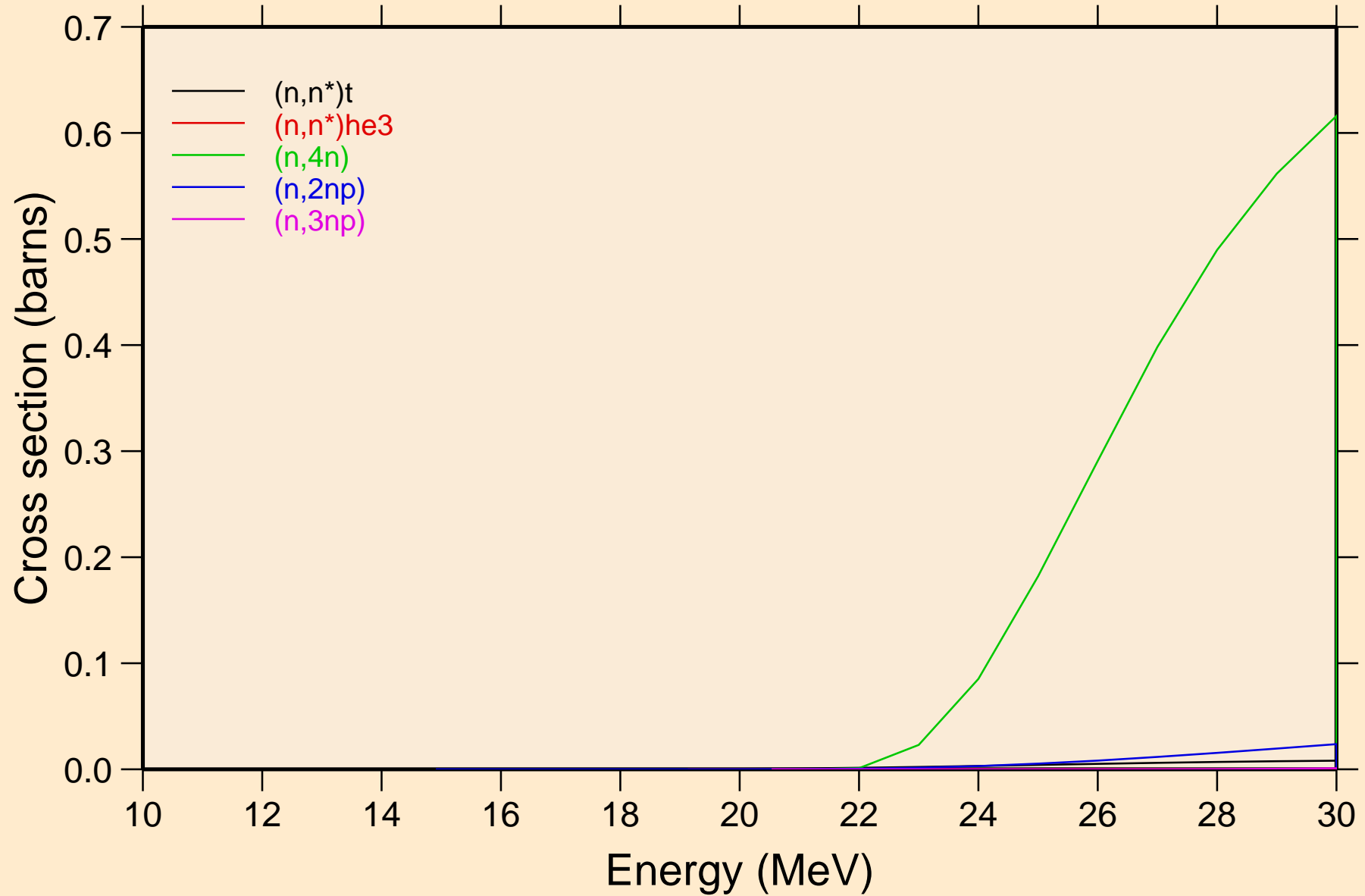
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## Threshold reactions

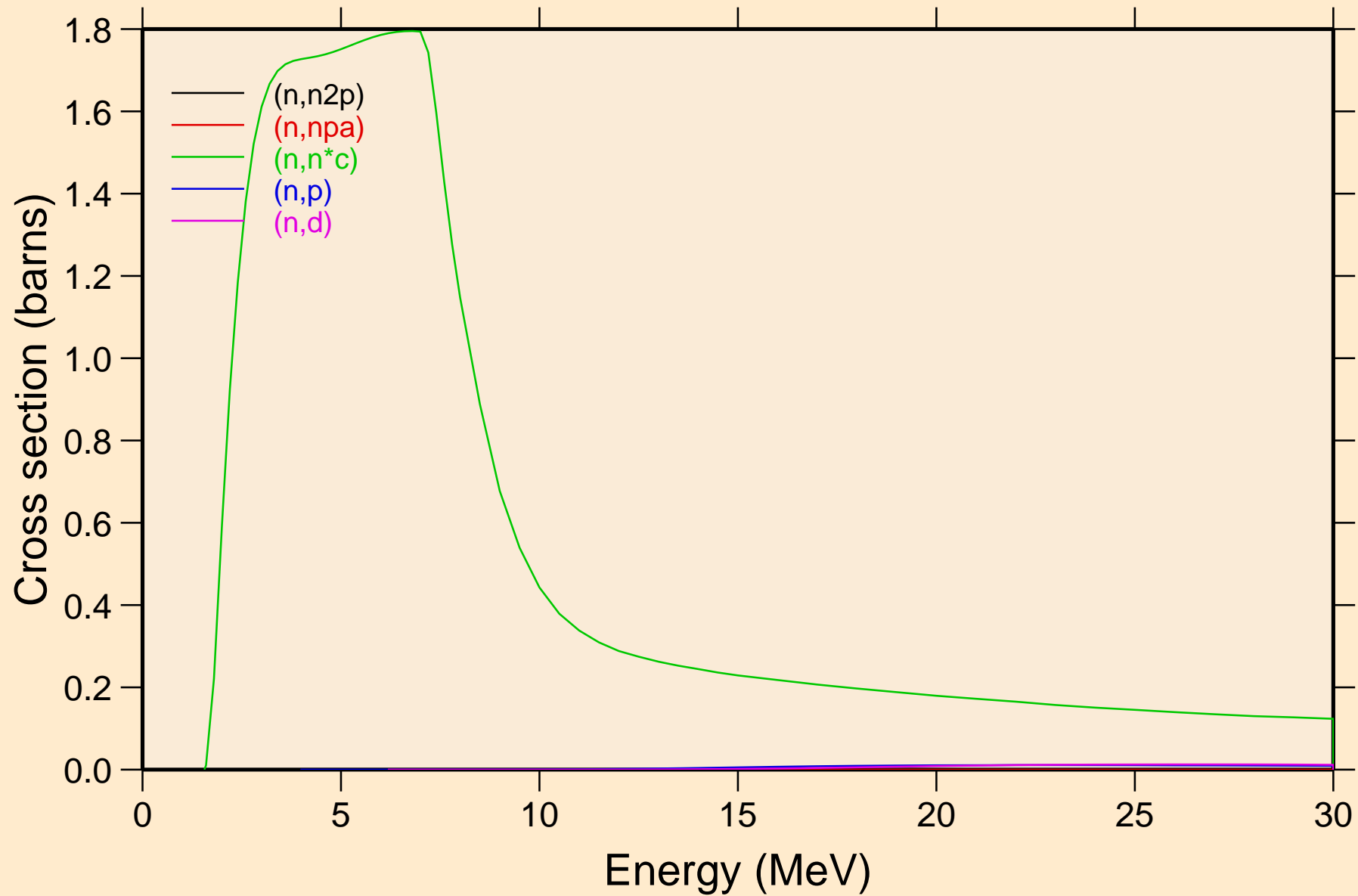




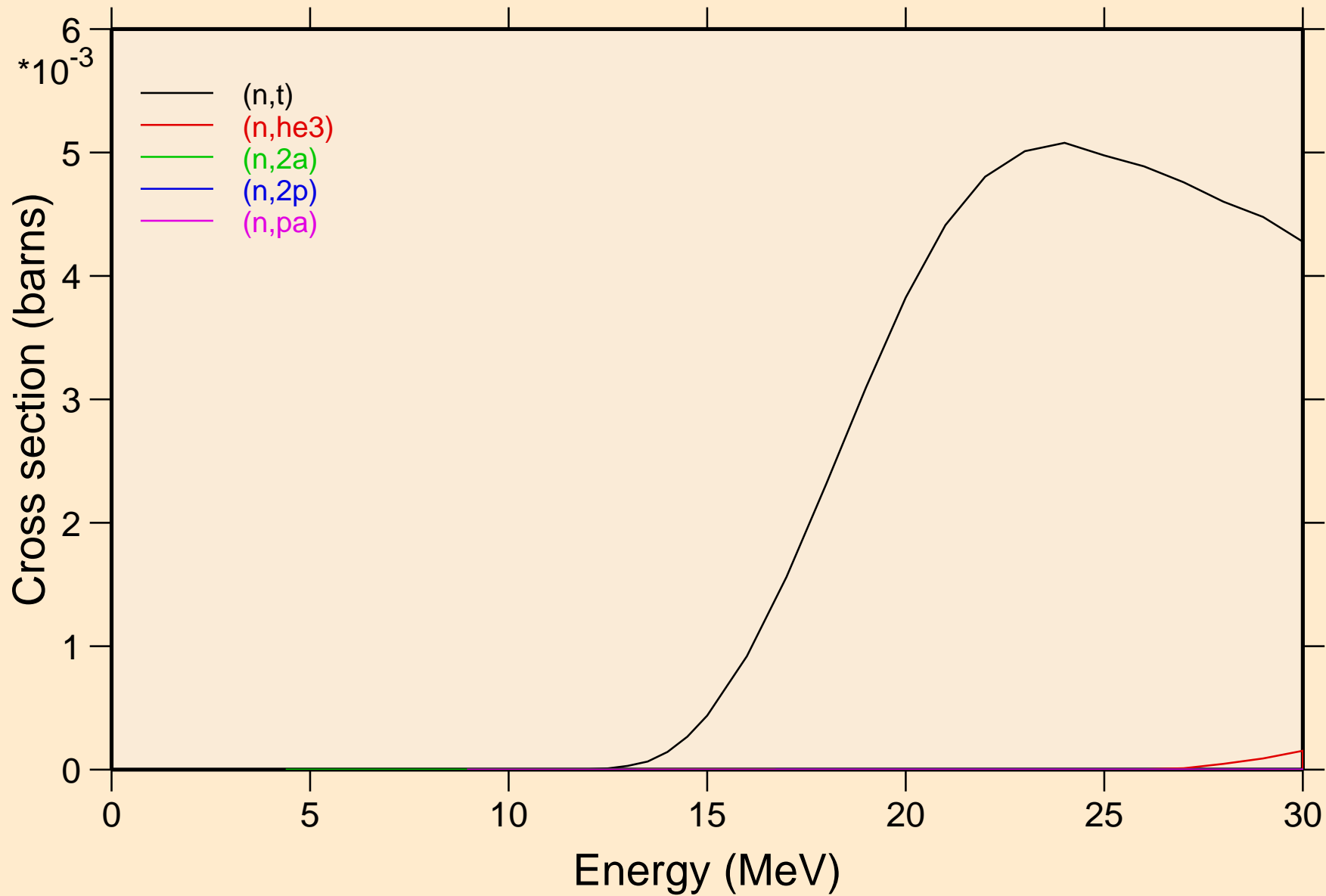
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

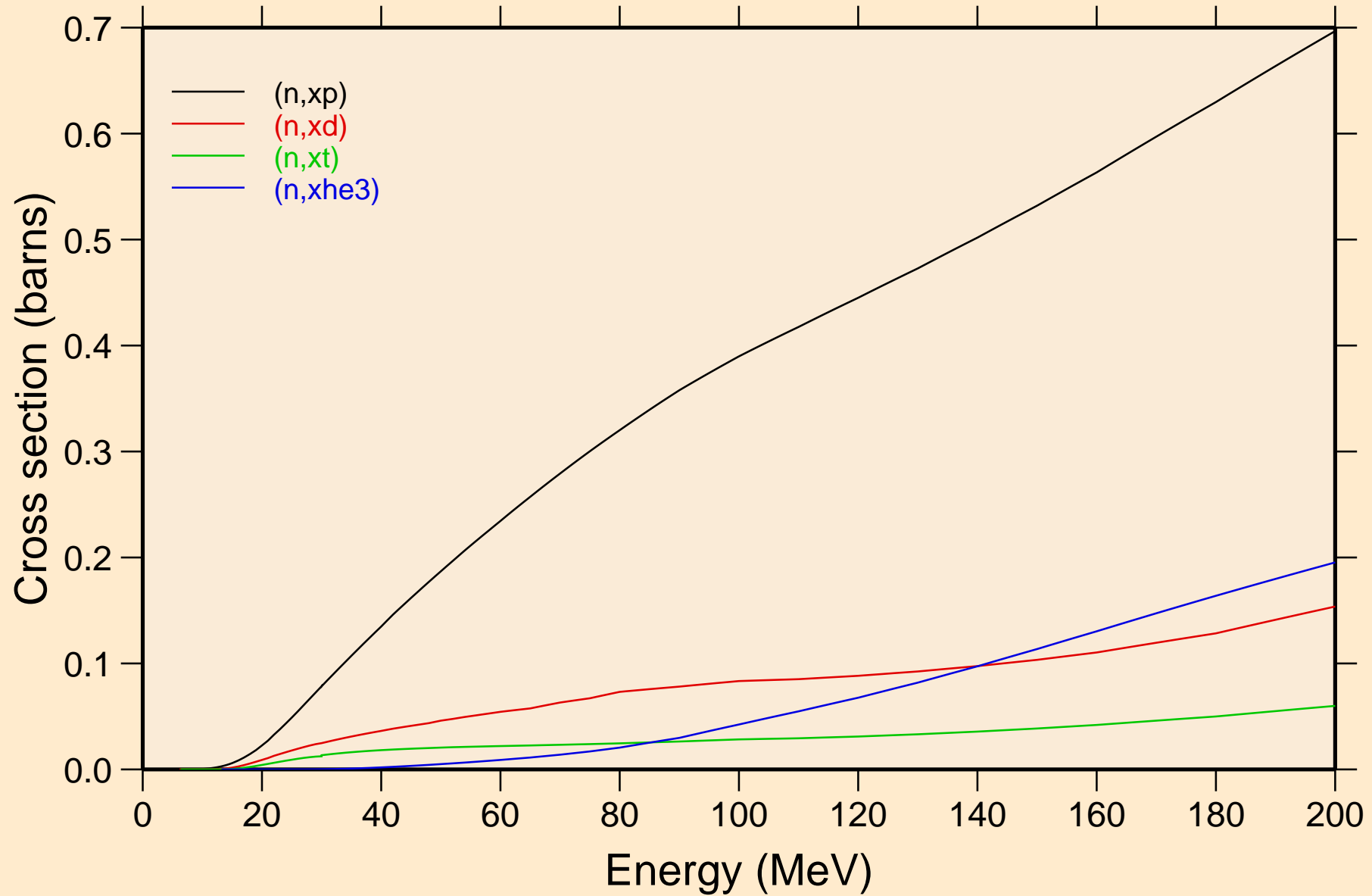


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

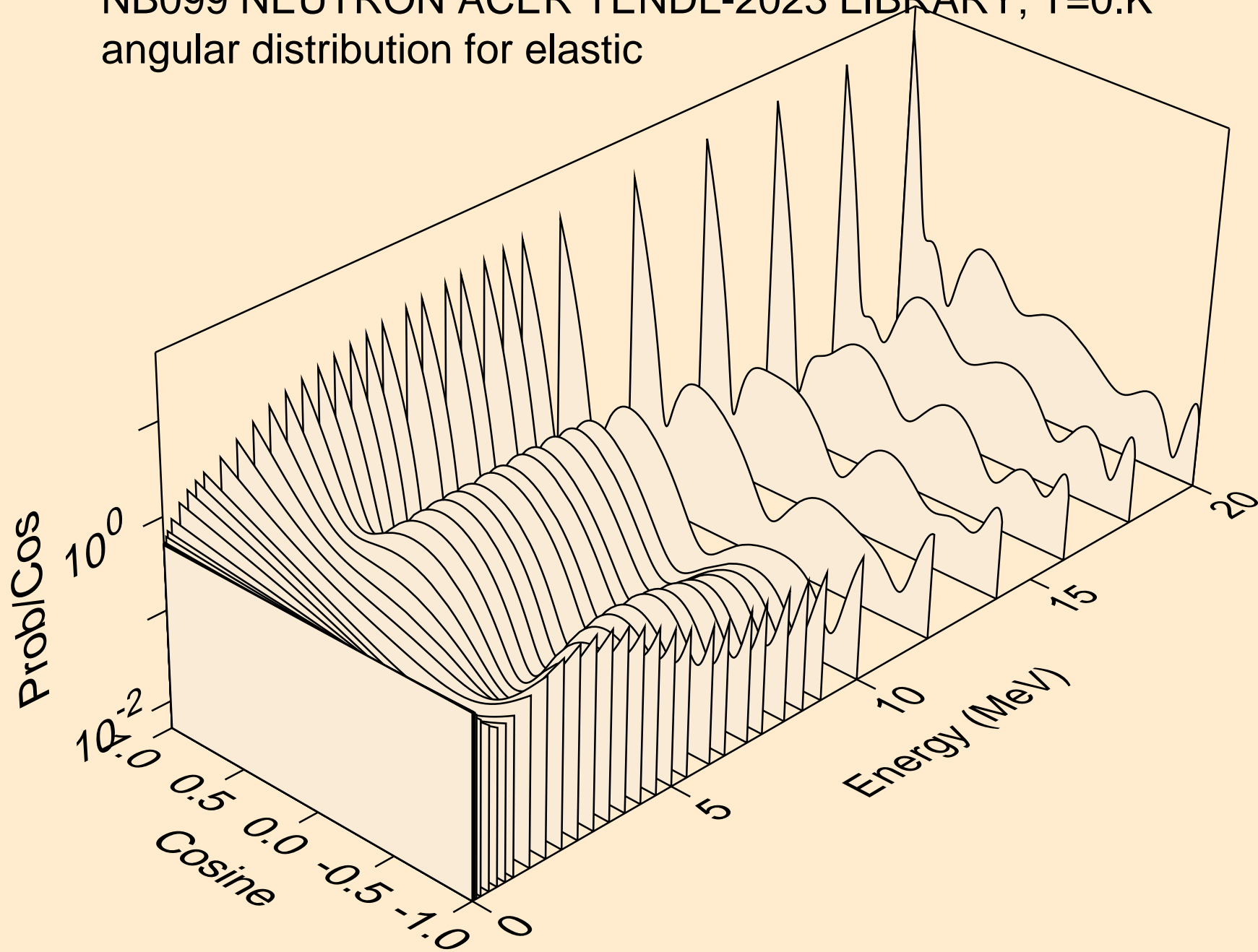


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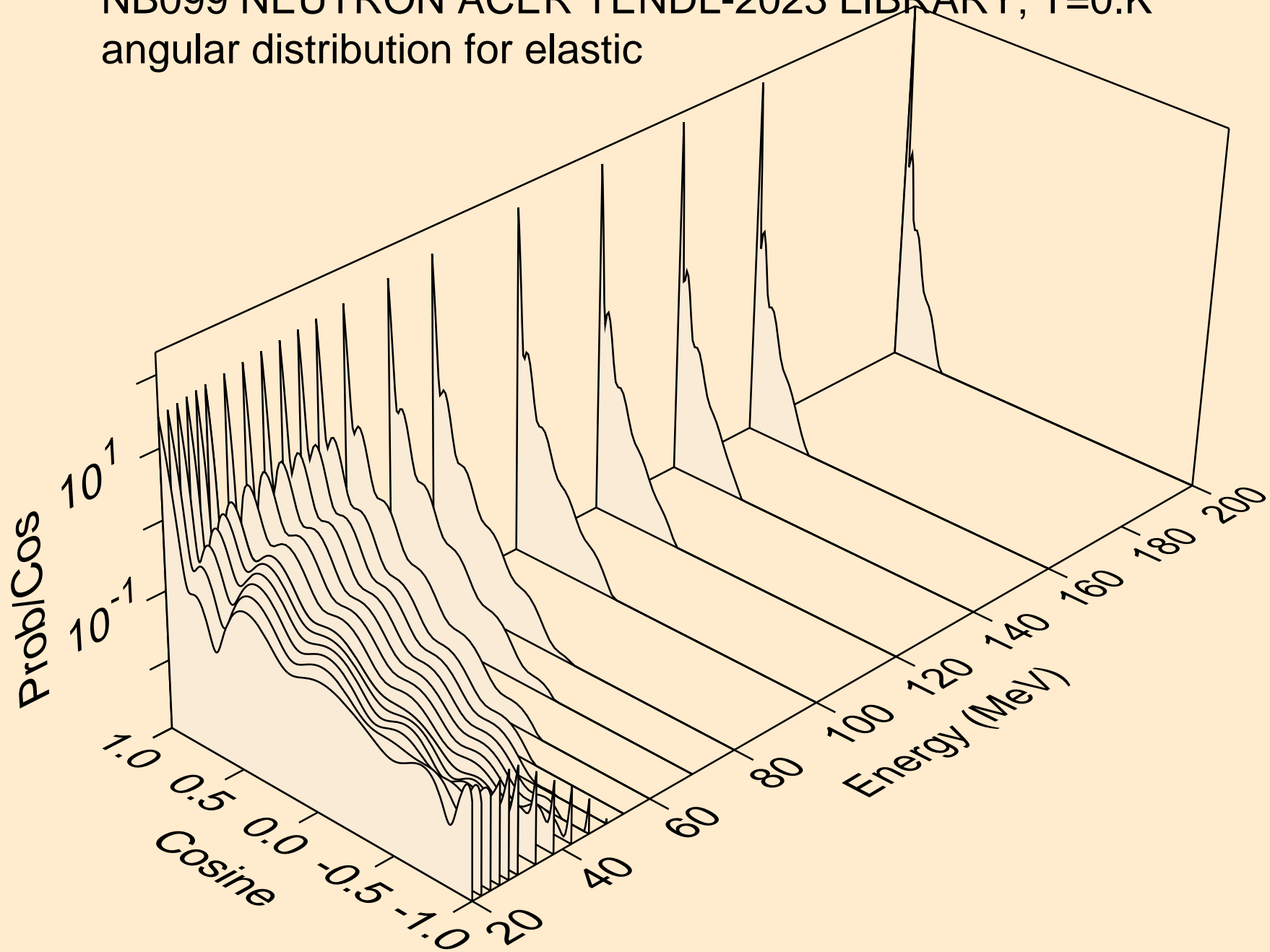
## Threshold reactions



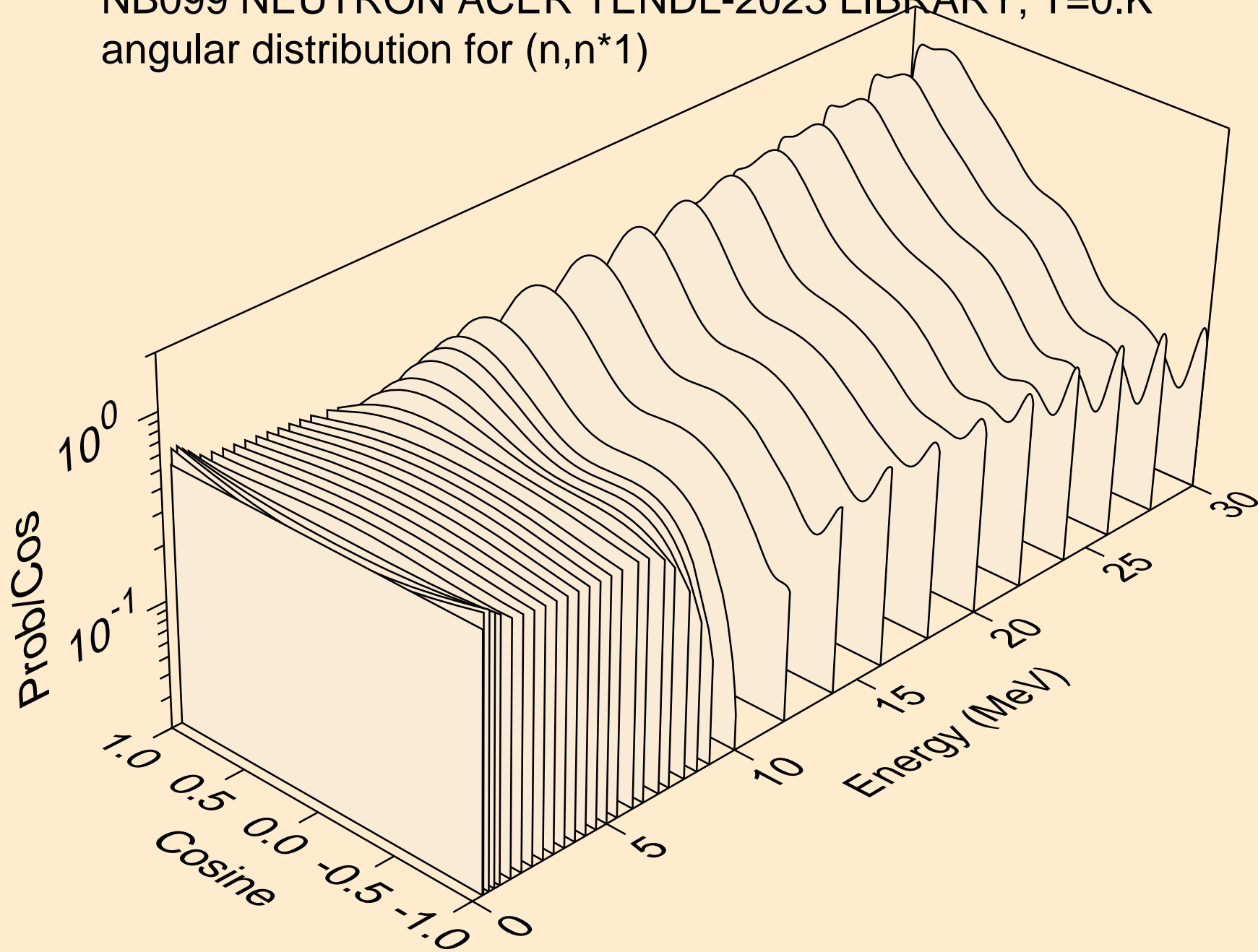
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



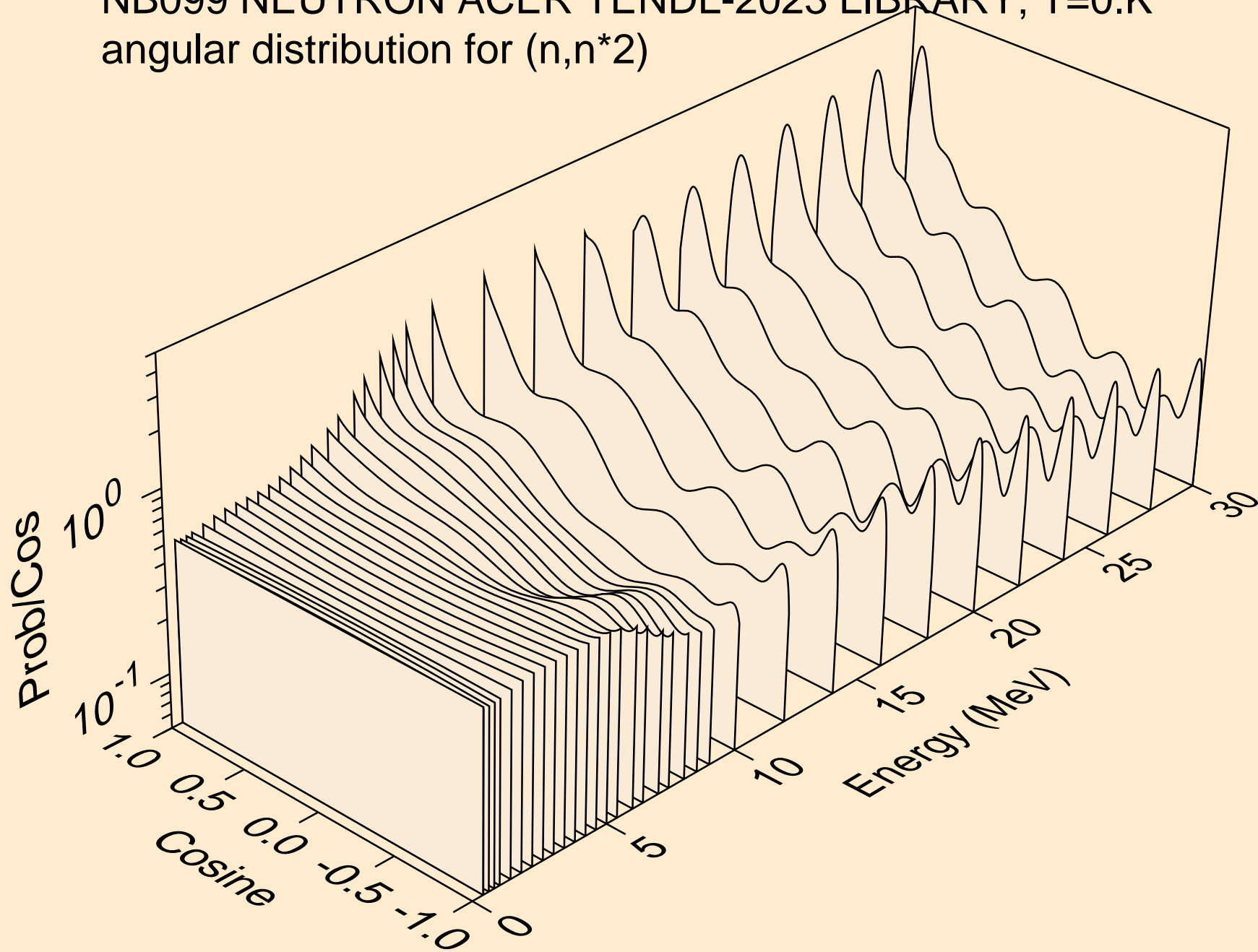
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

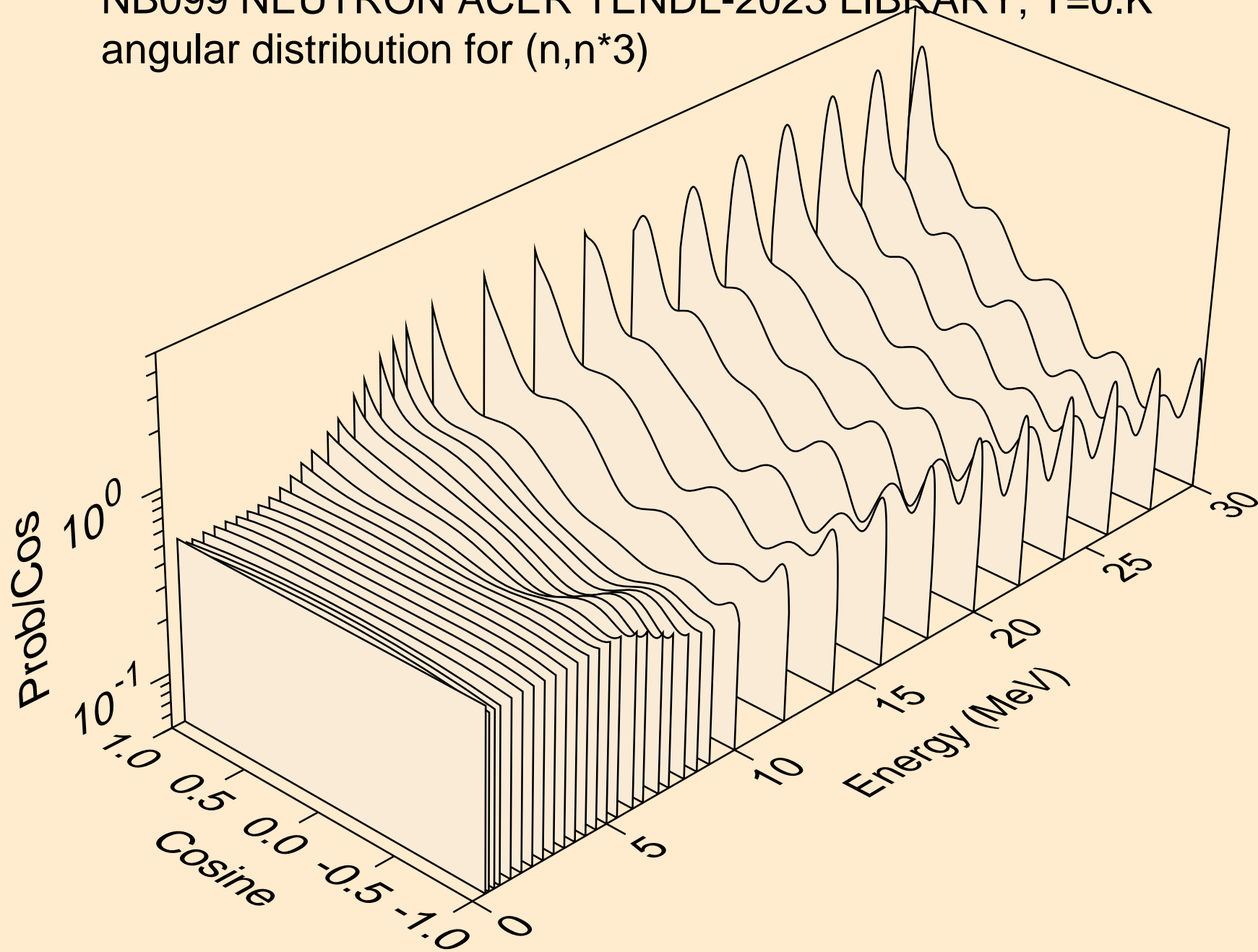


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

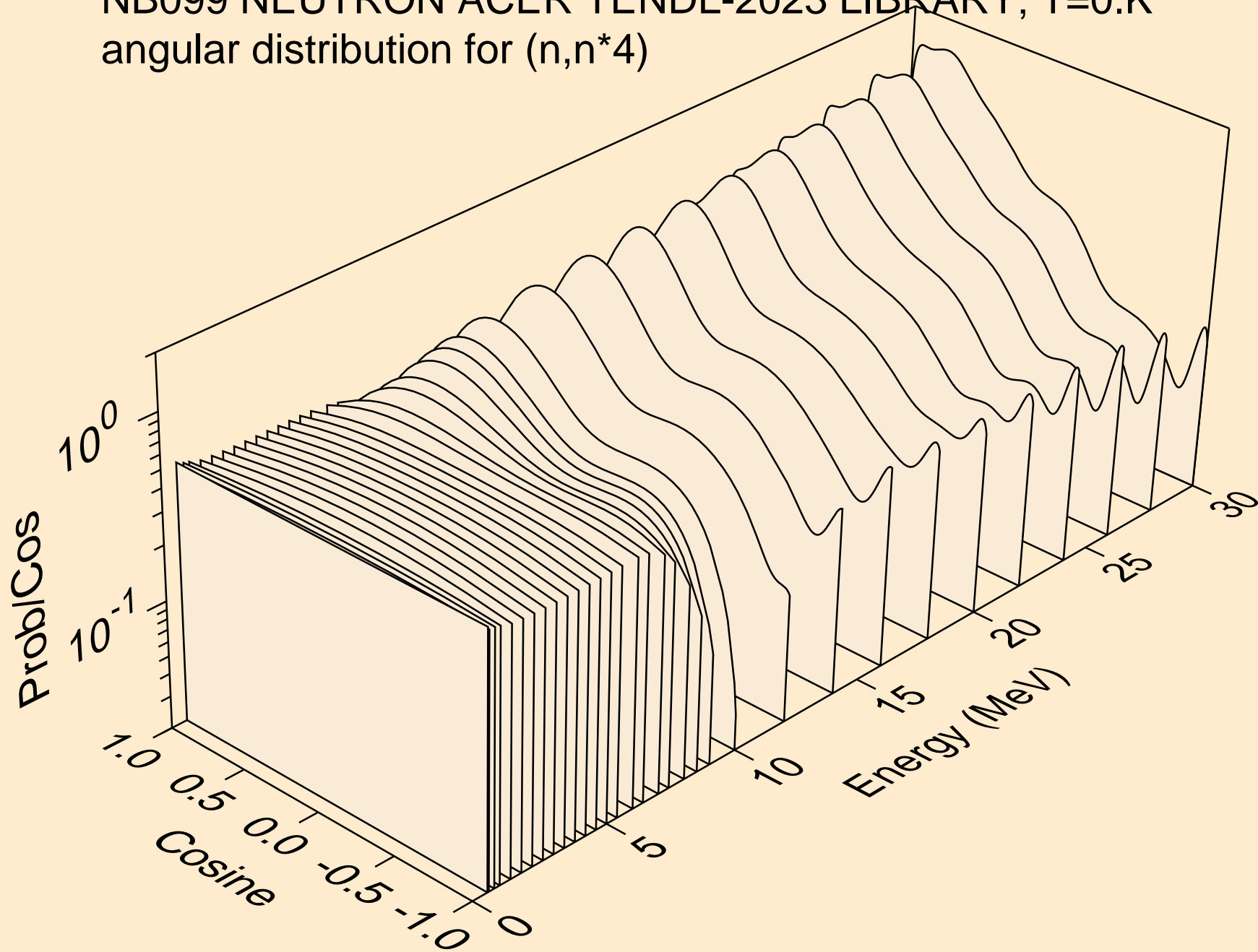




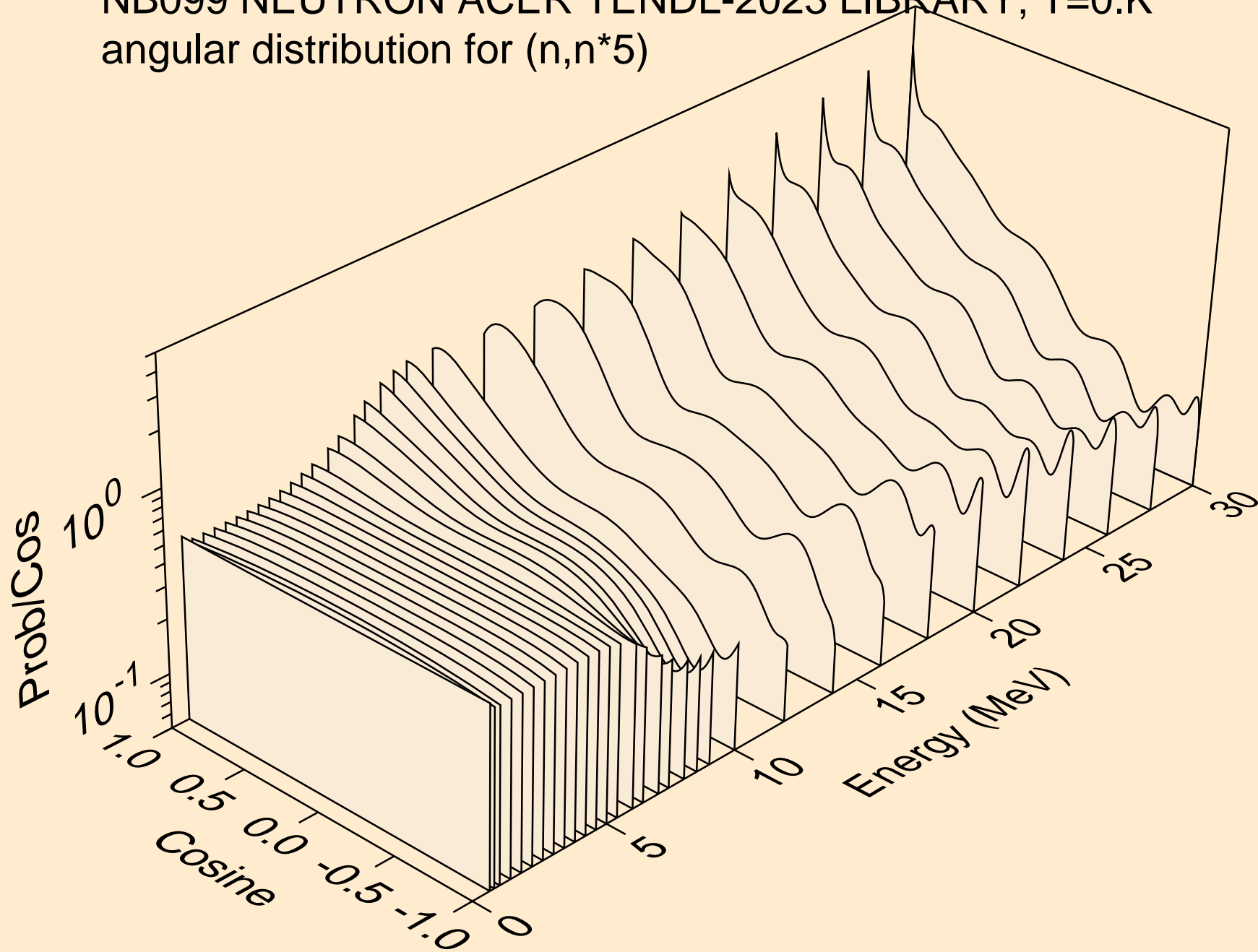
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angular distribution for (n,n\*3)



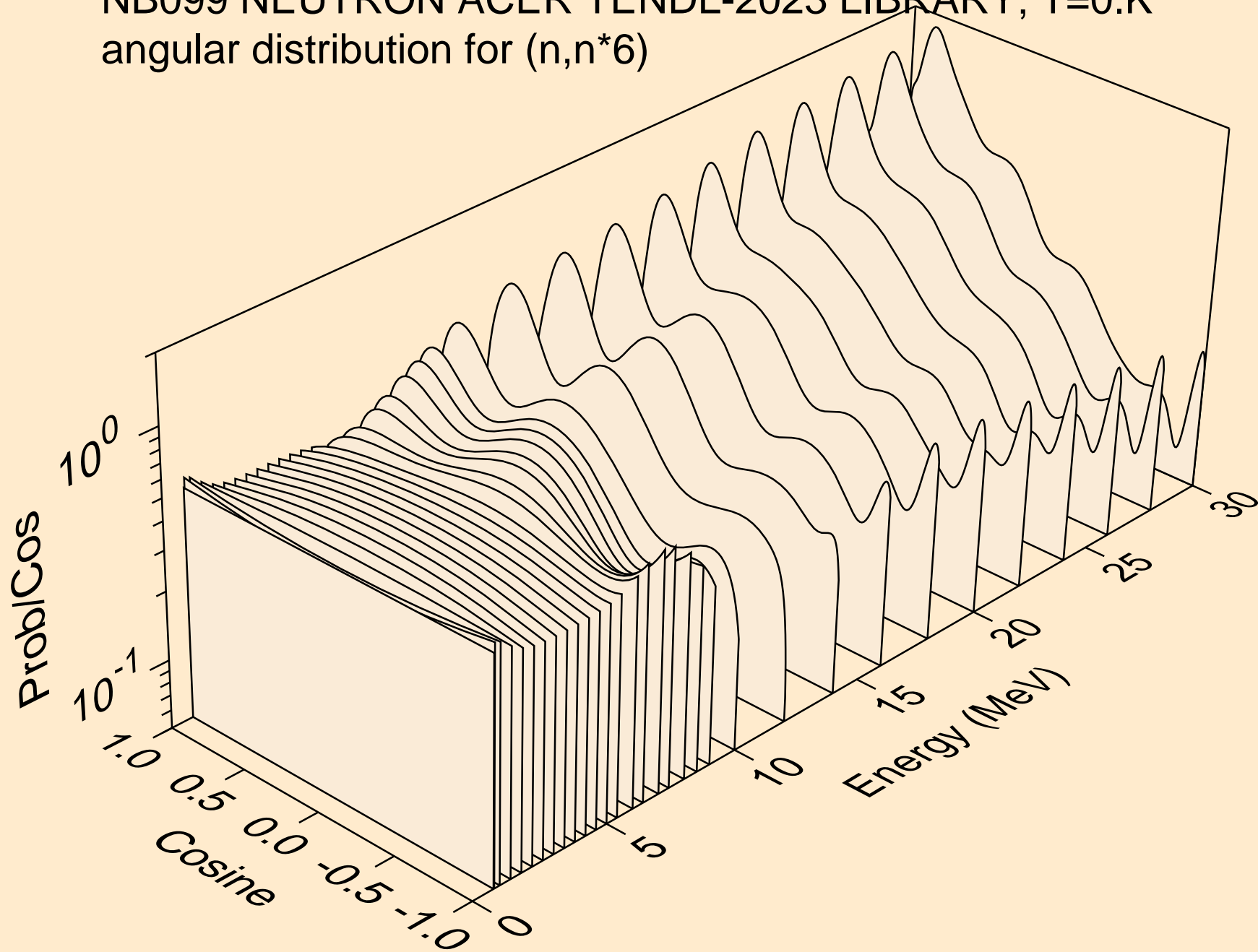
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angular distribution for (n,n\*4)



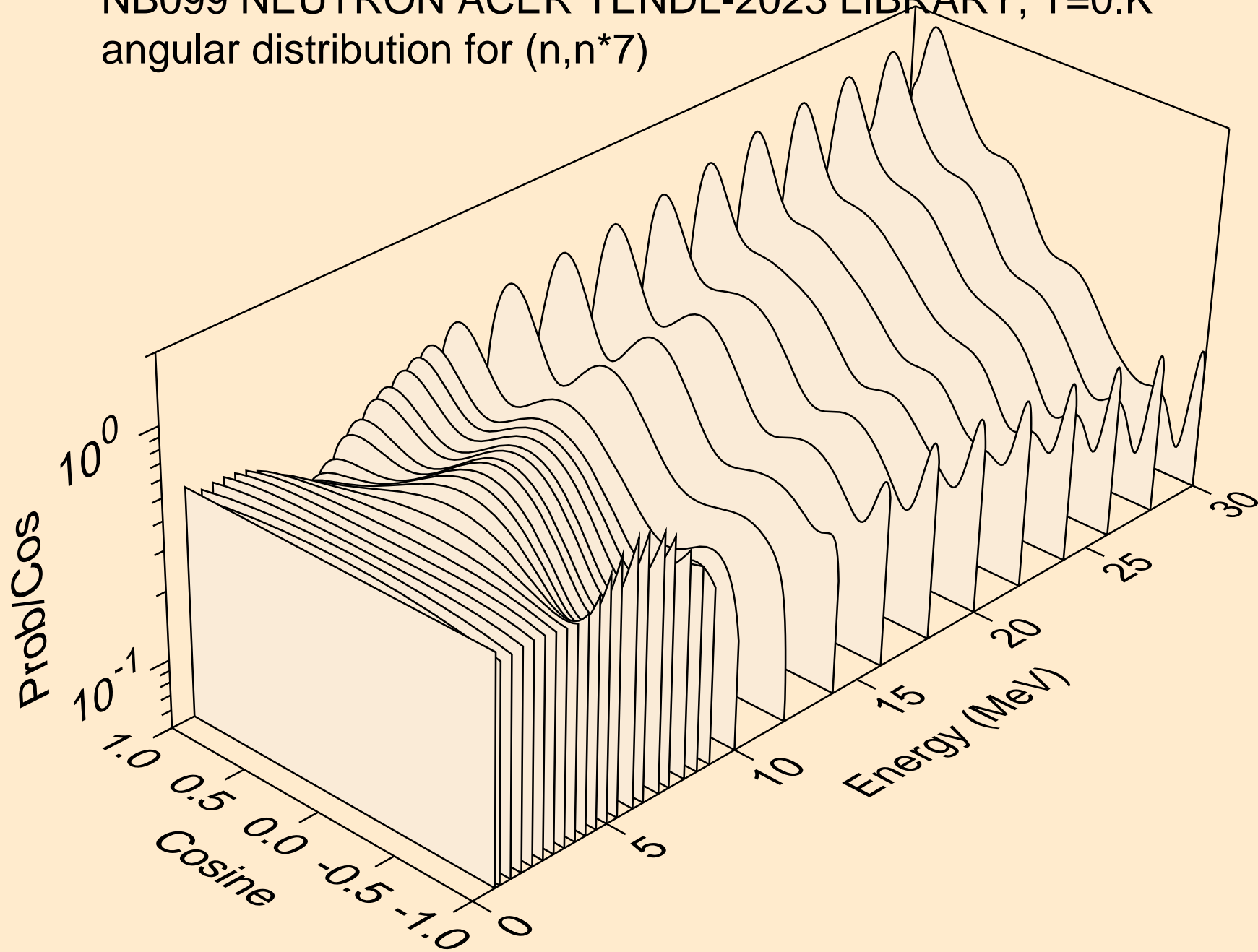
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angular distribution for (n,n\*5)



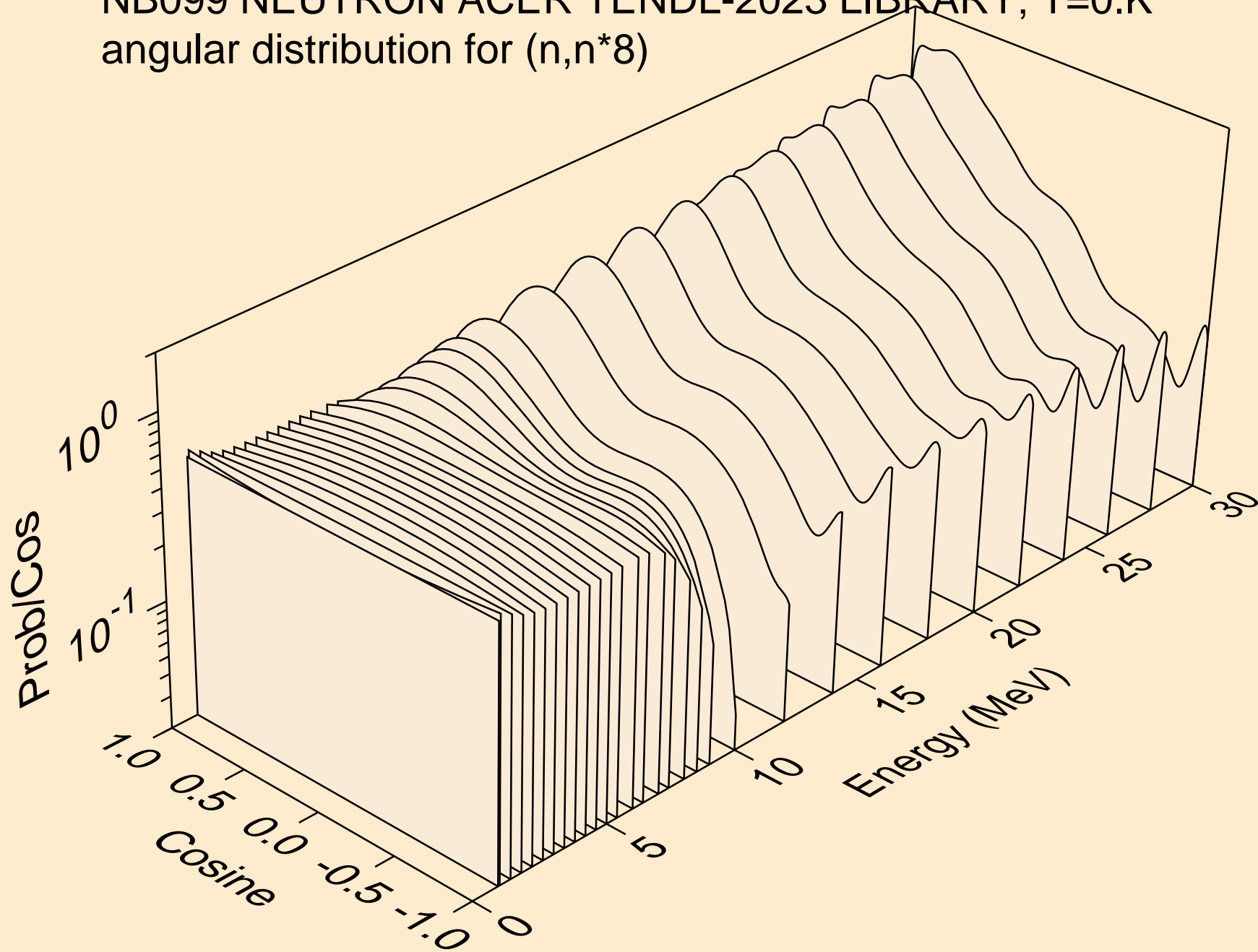
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angular distribution for (n,n\*6)



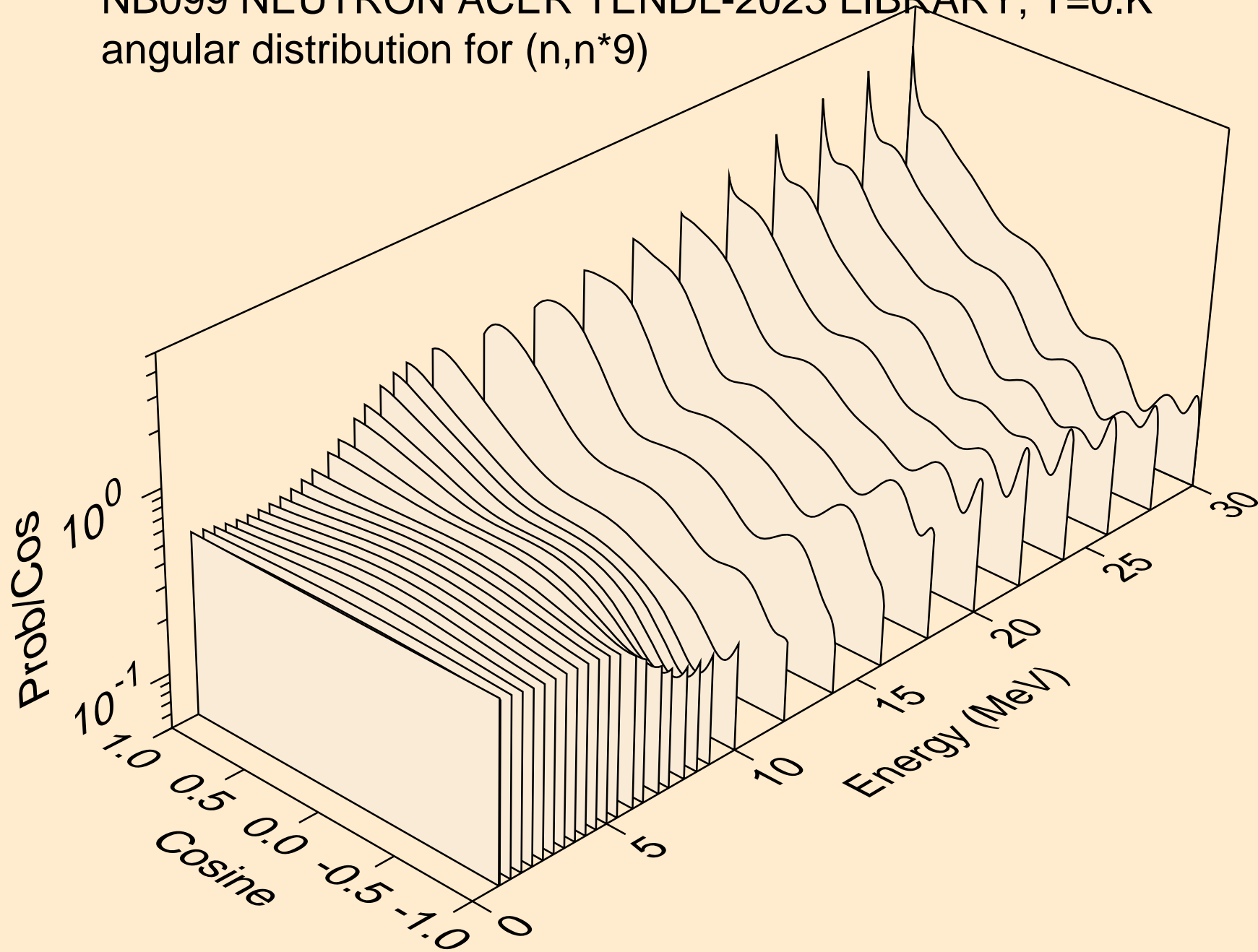
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angular distribution for (n,n\*7)



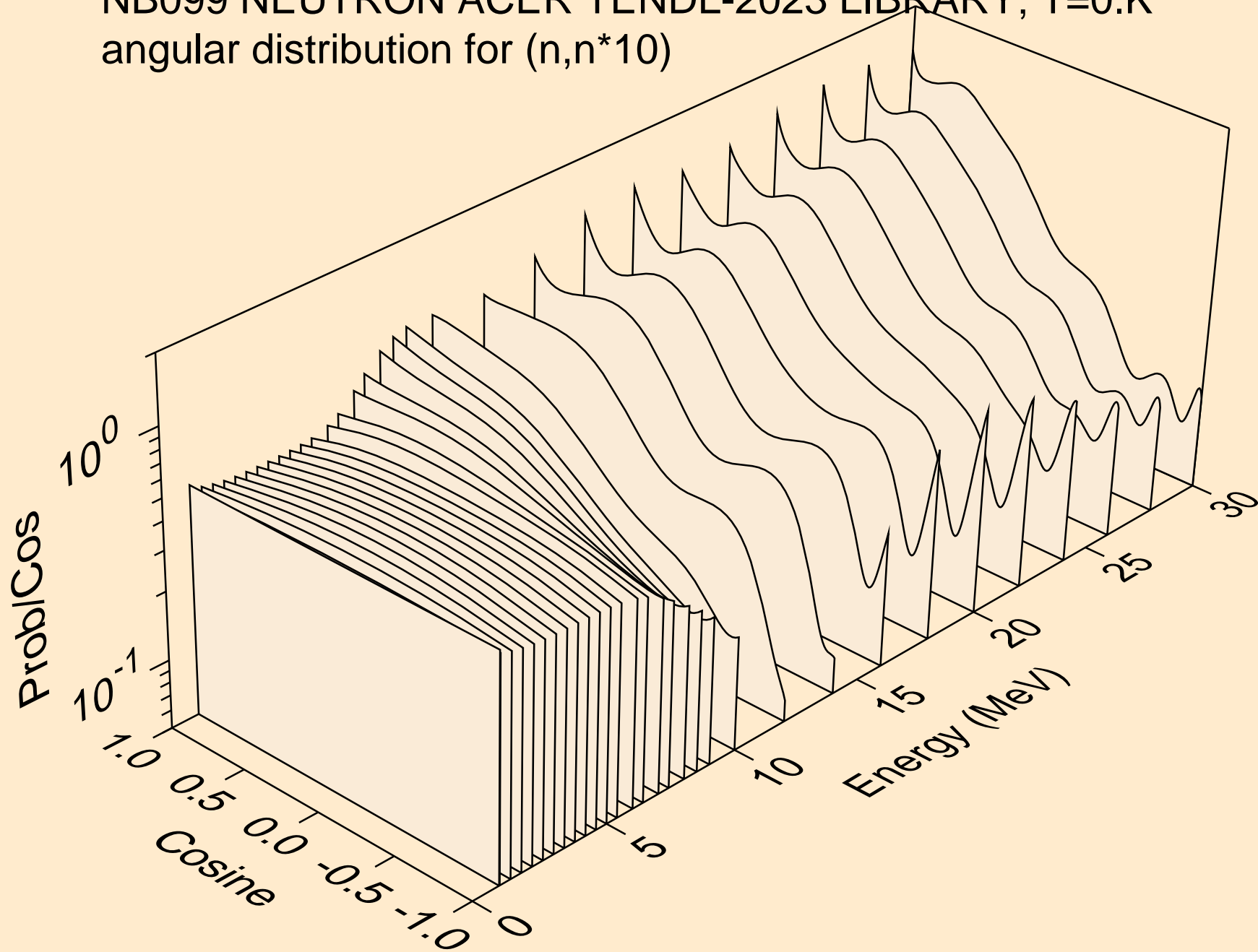
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

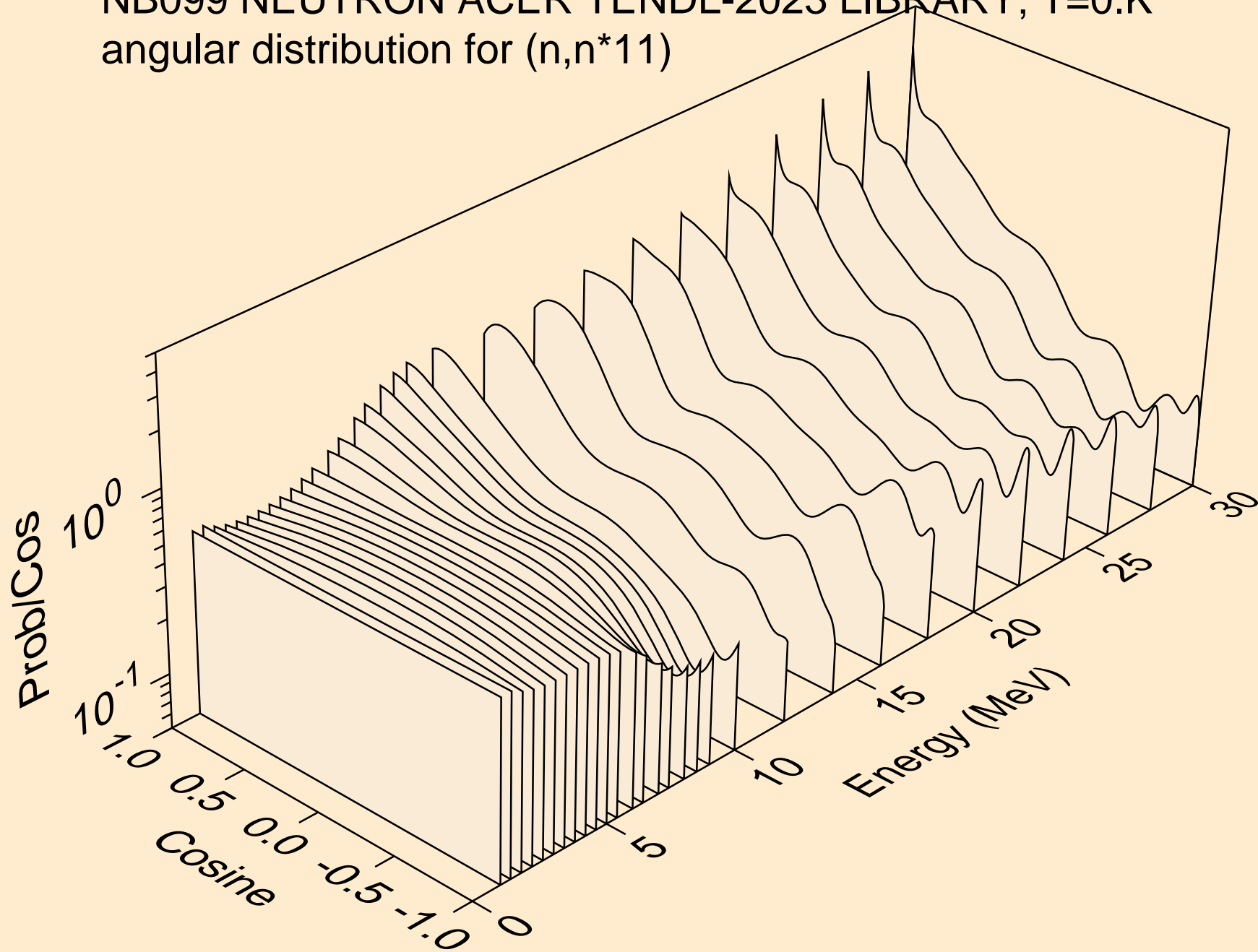


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

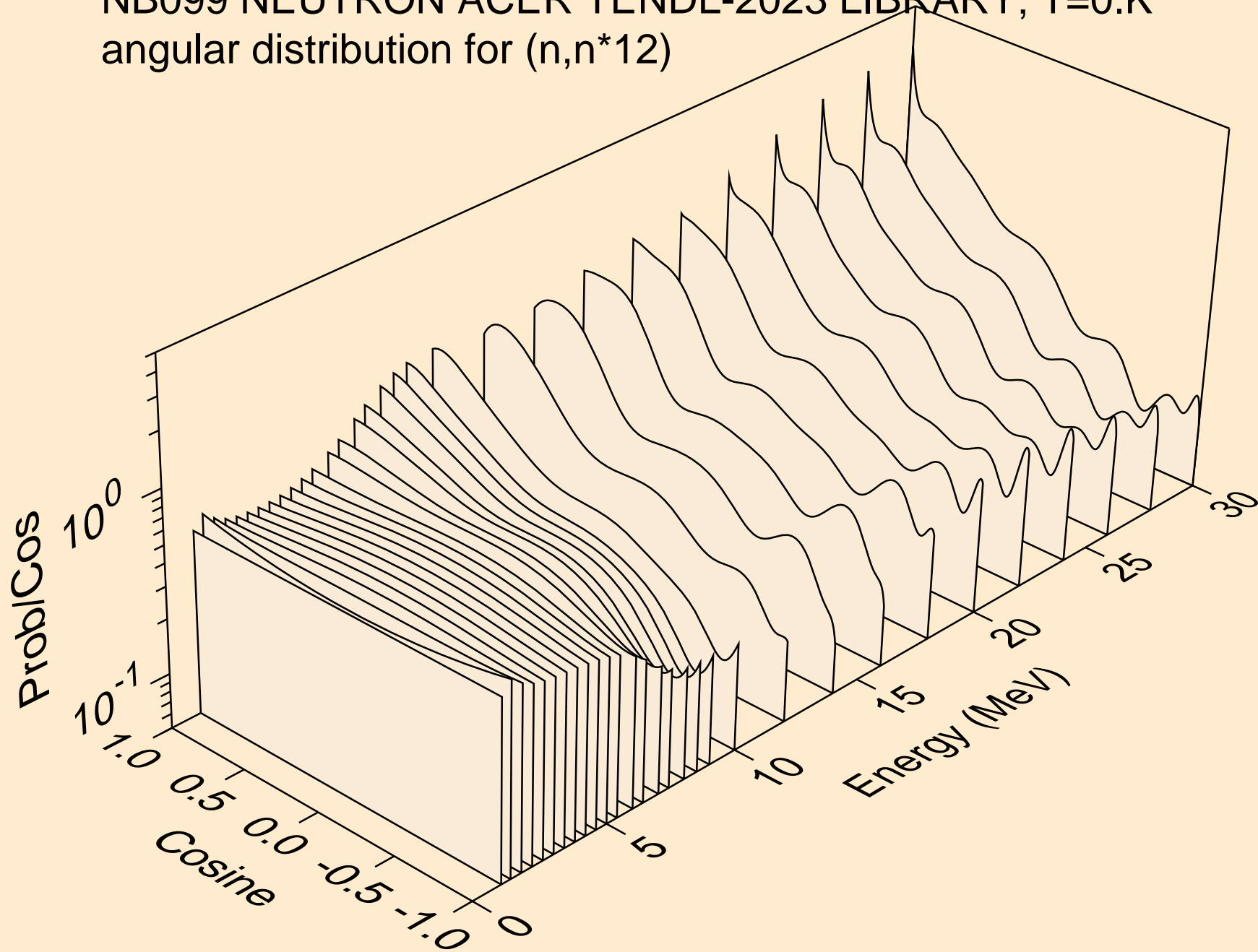




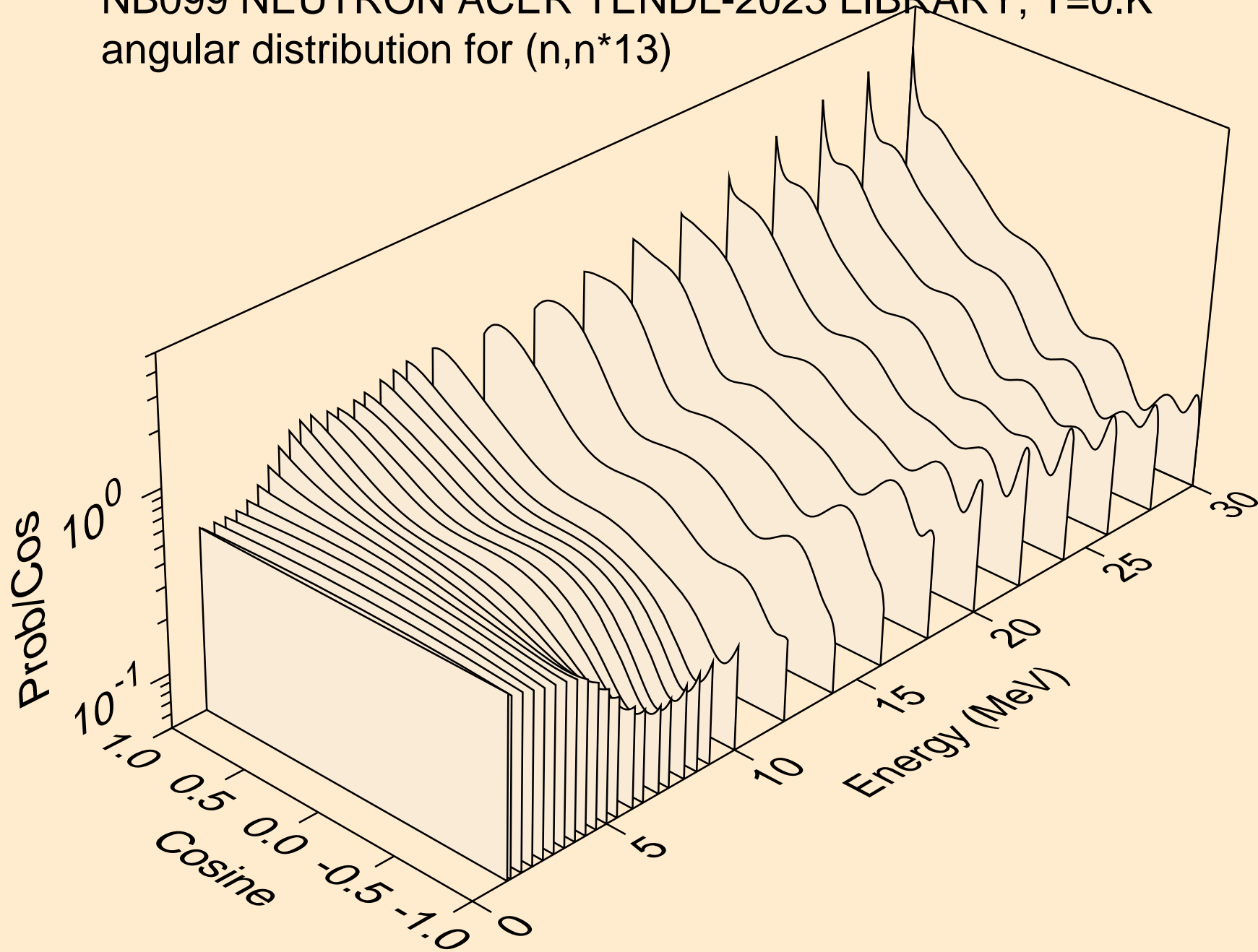
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angular distribution for (n,n\*11)



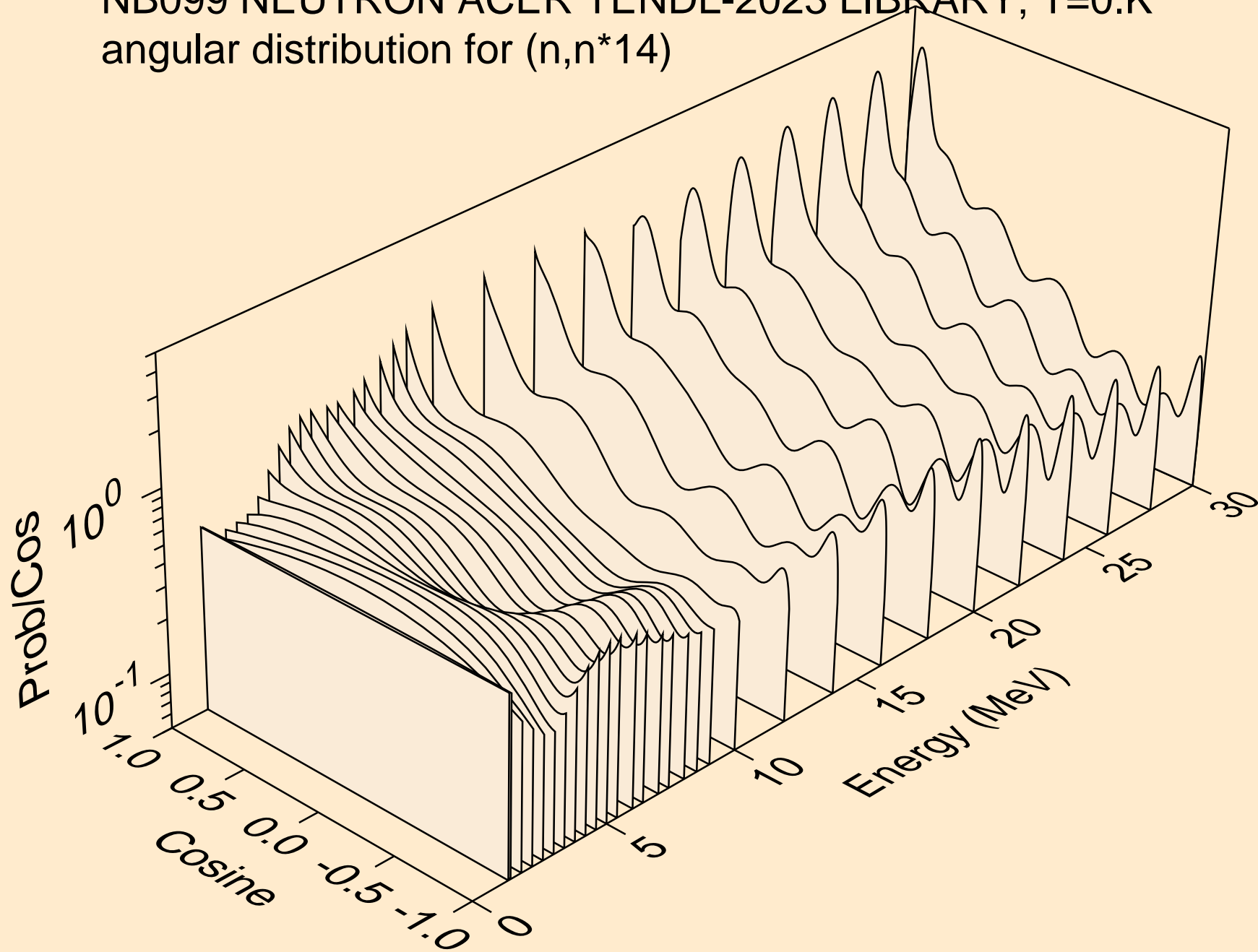
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angular distribution for (n,n\*12)



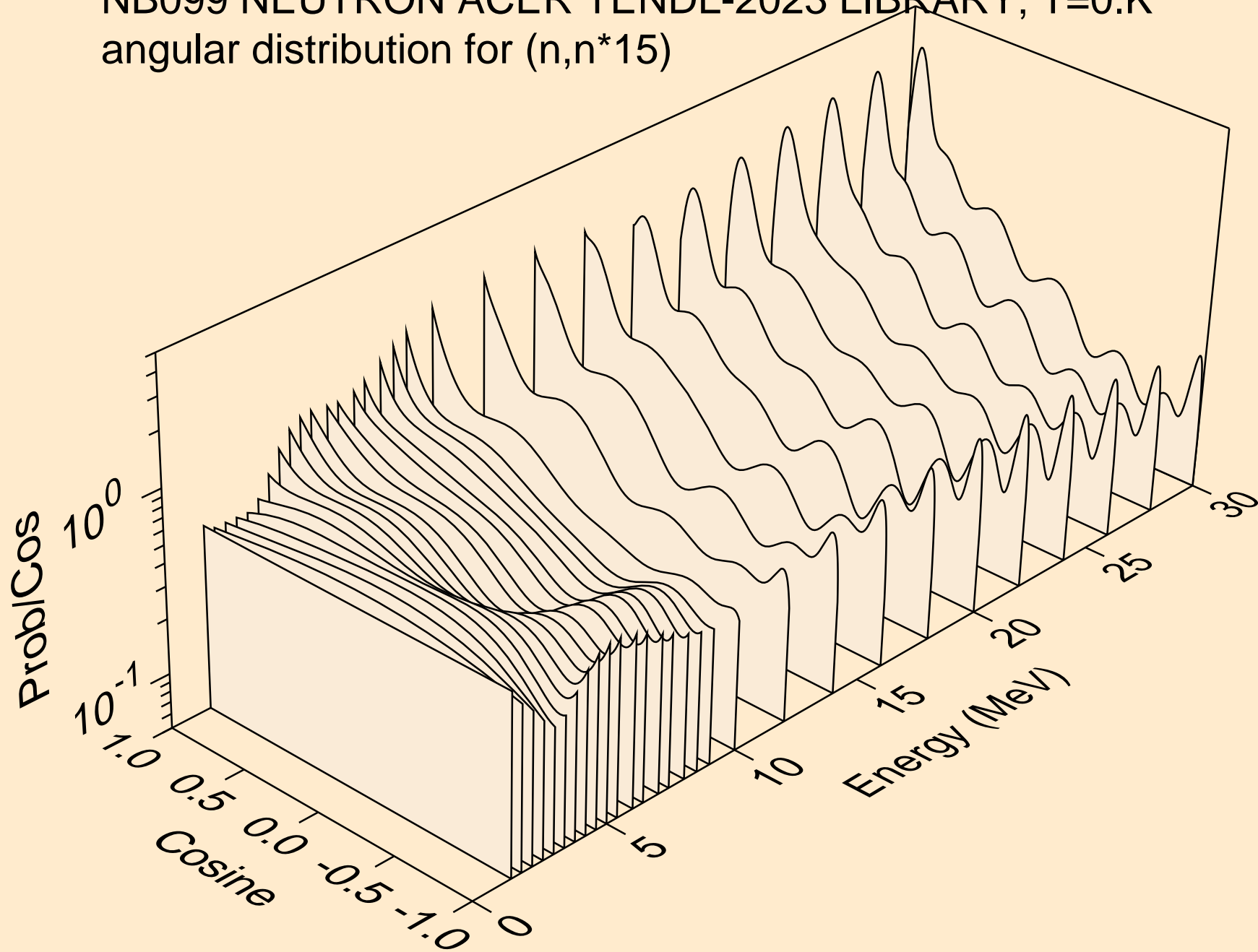
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angular distribution for (n,n\*13)



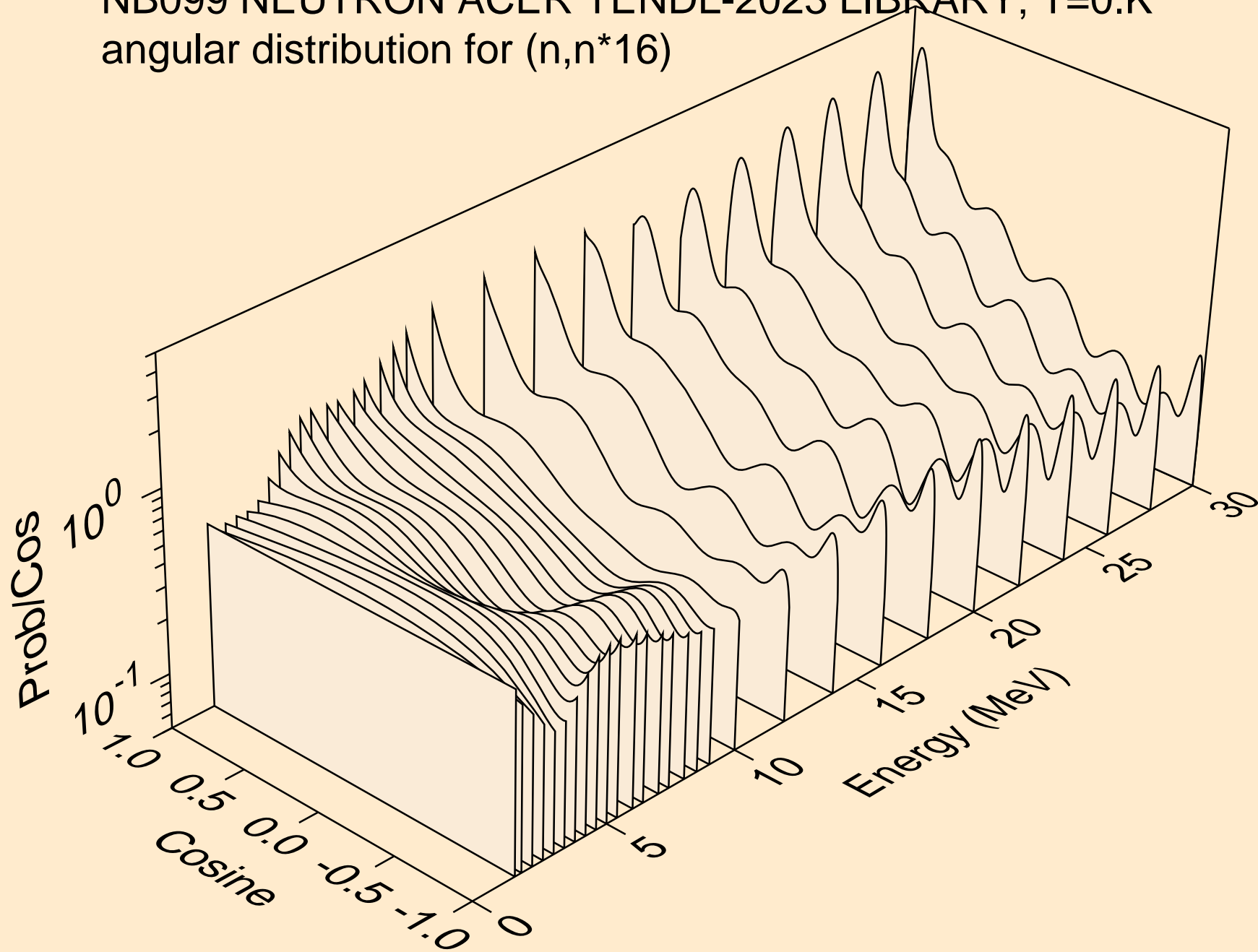
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angular distribution for (n,n\*14)



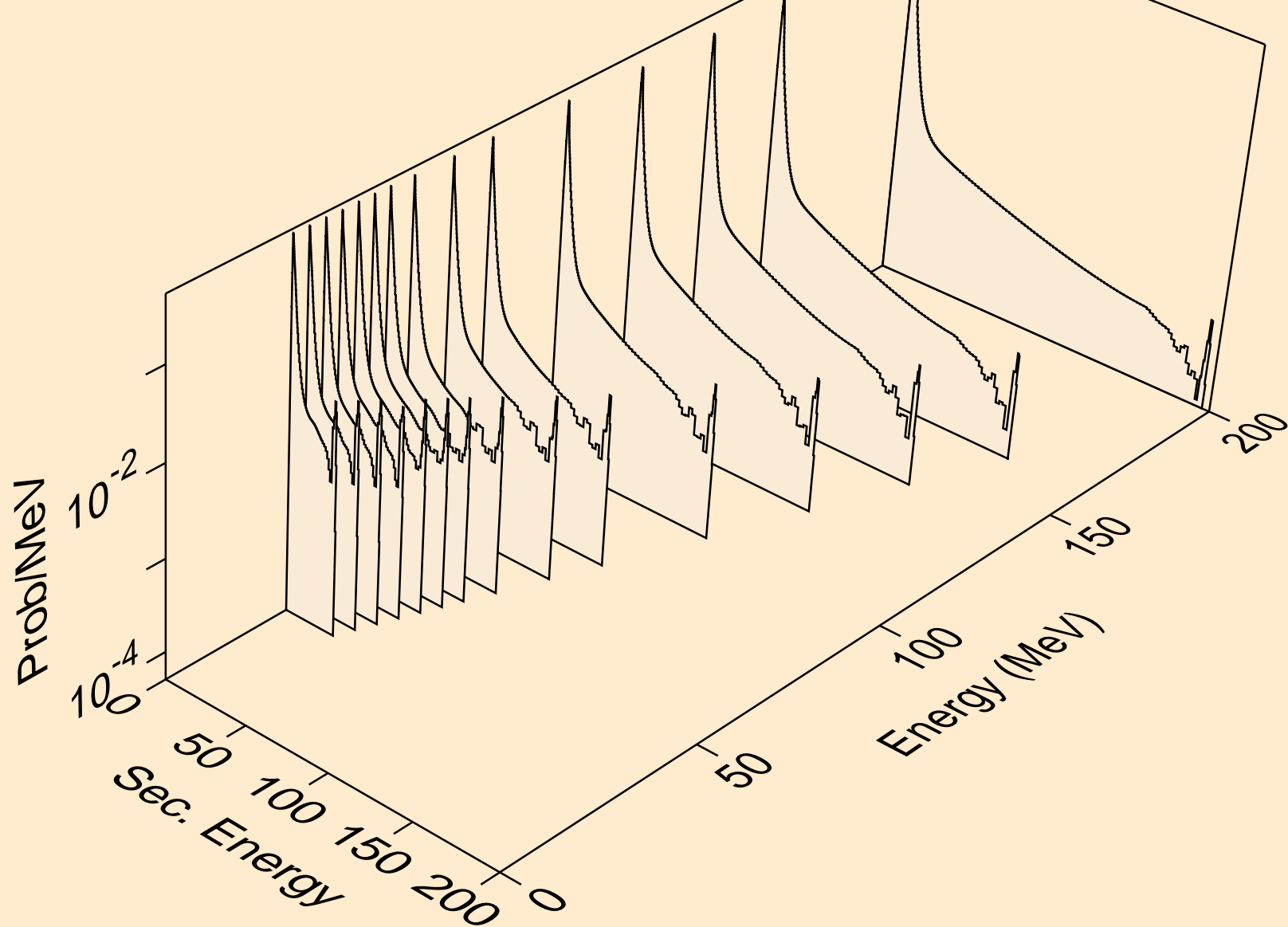
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angular distribution for (n,n\*15)



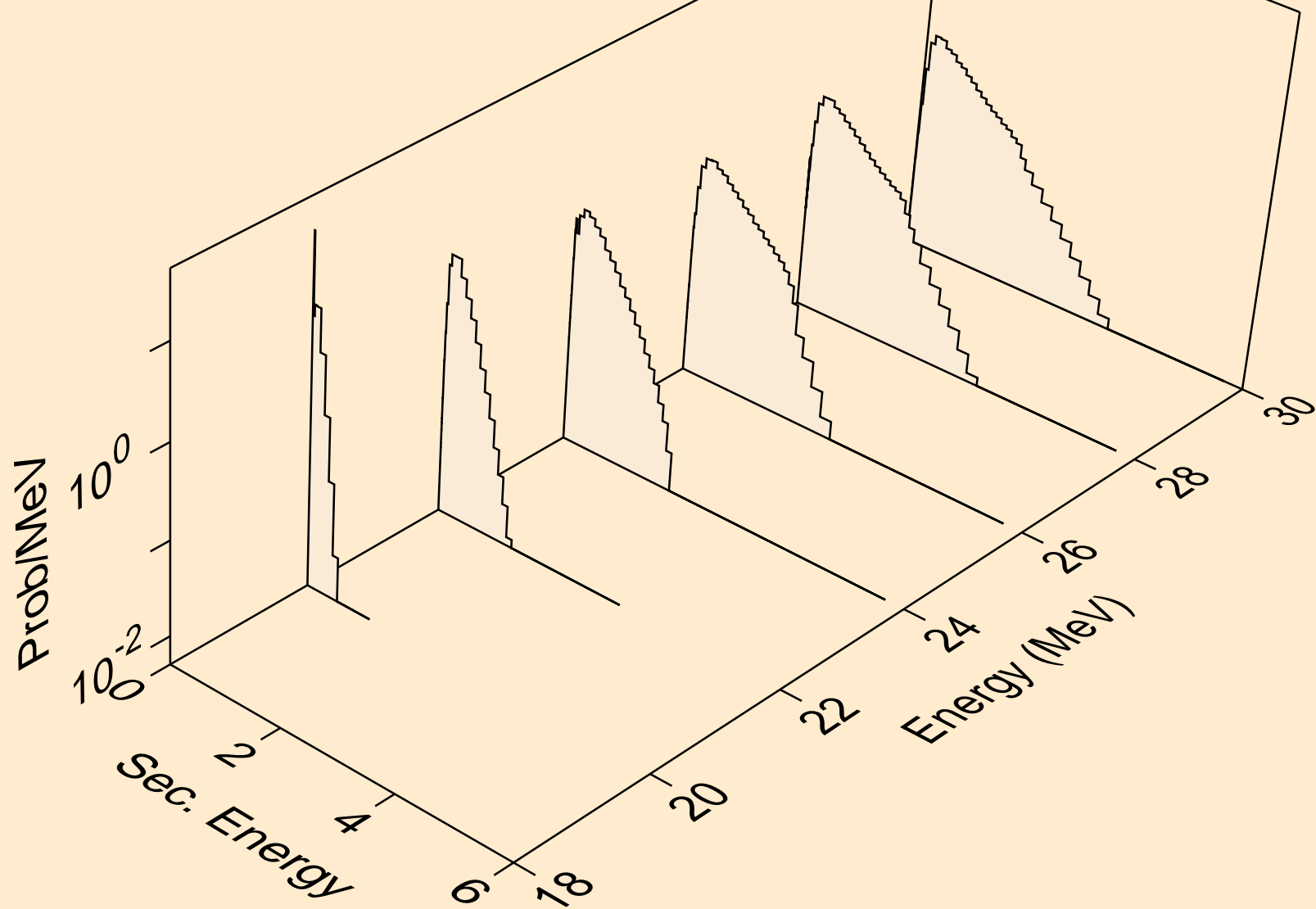
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

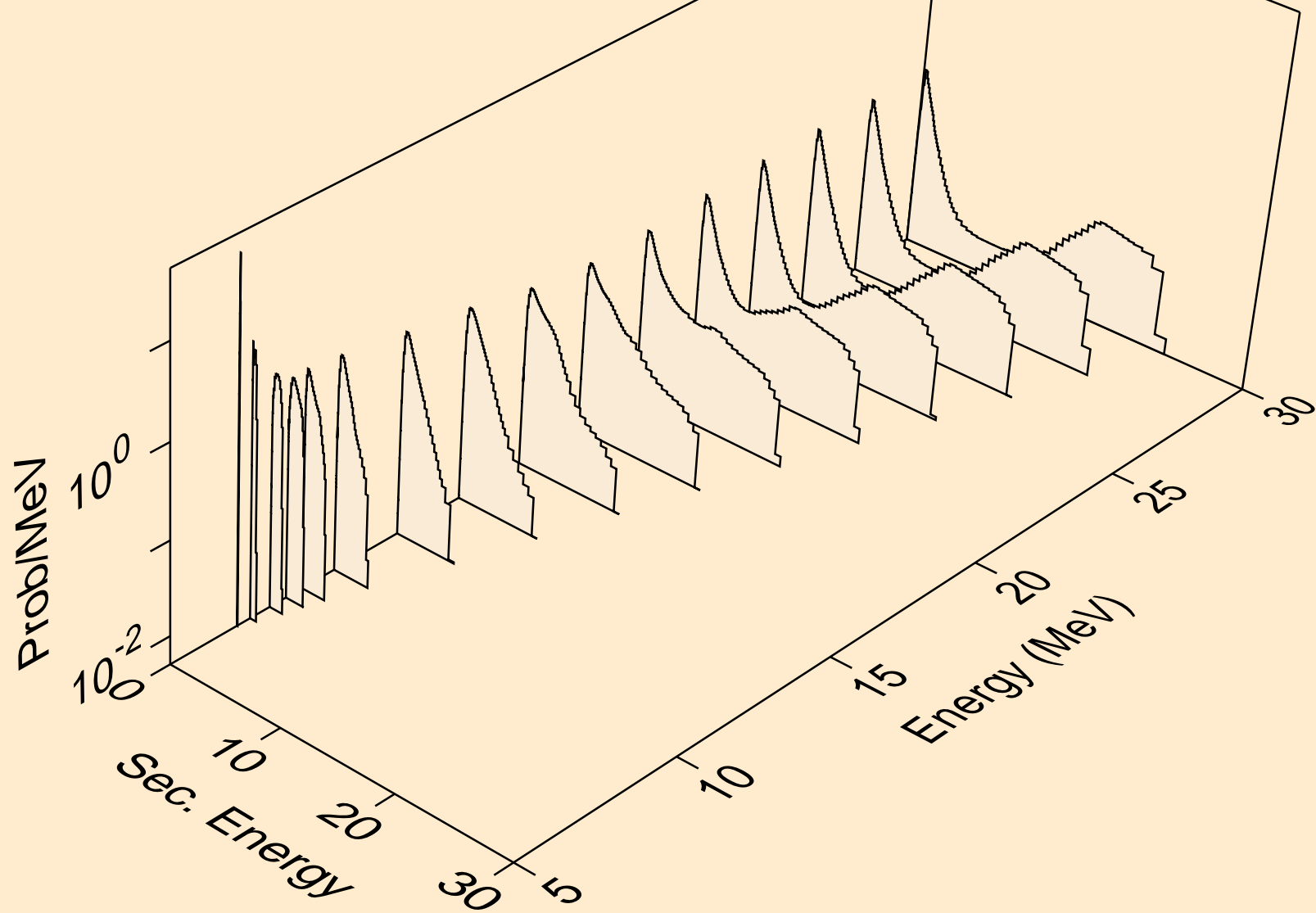


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

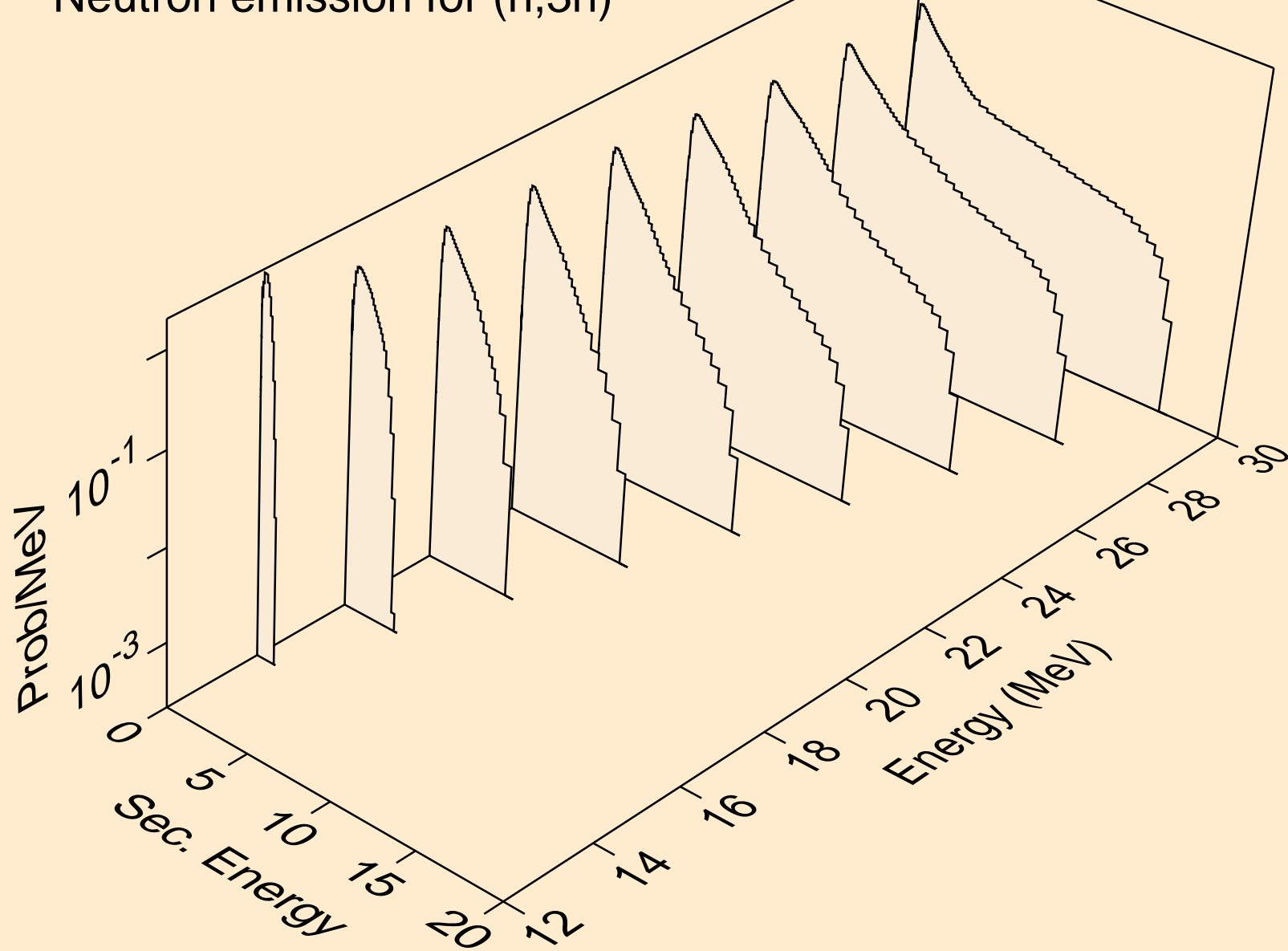




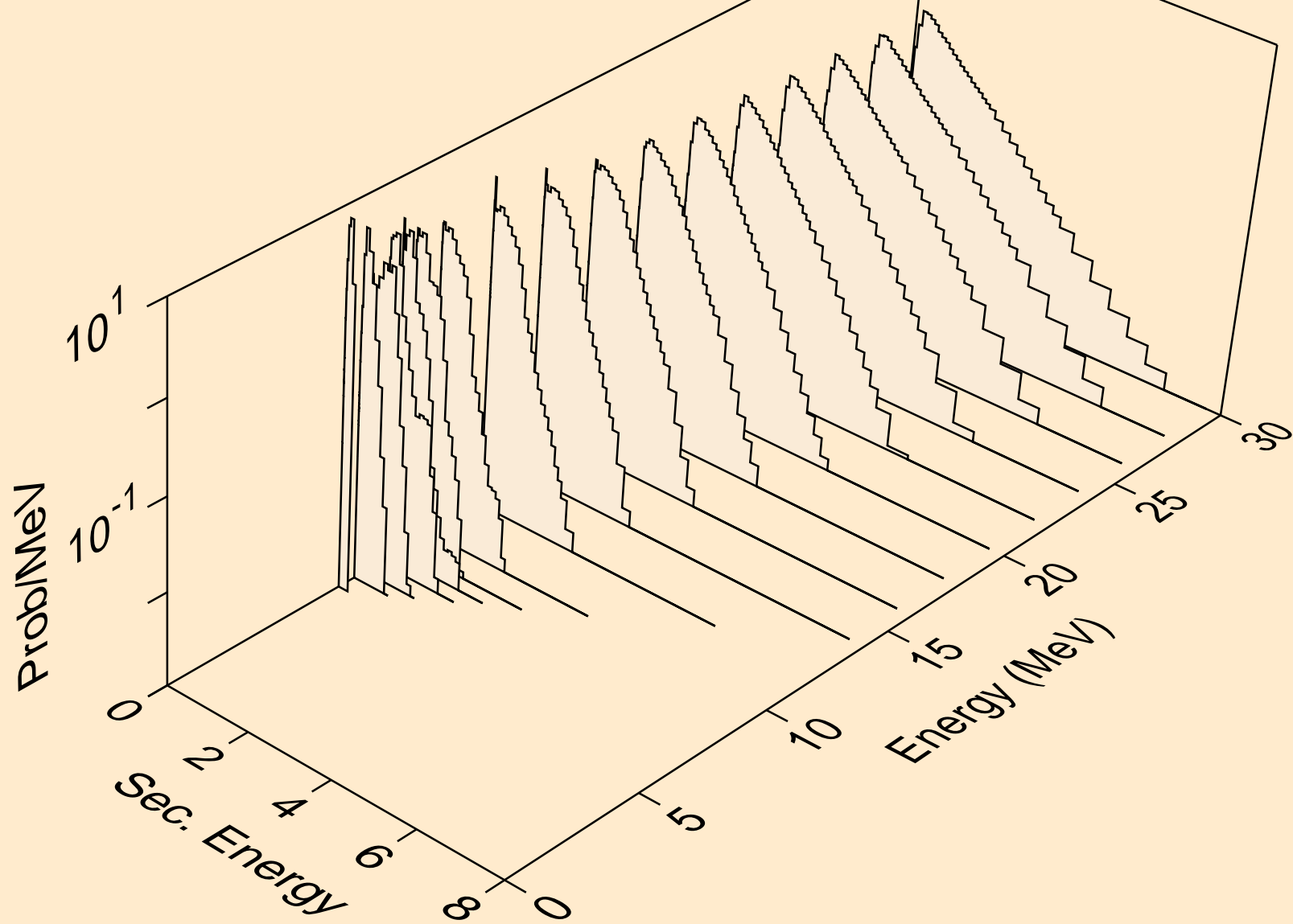
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



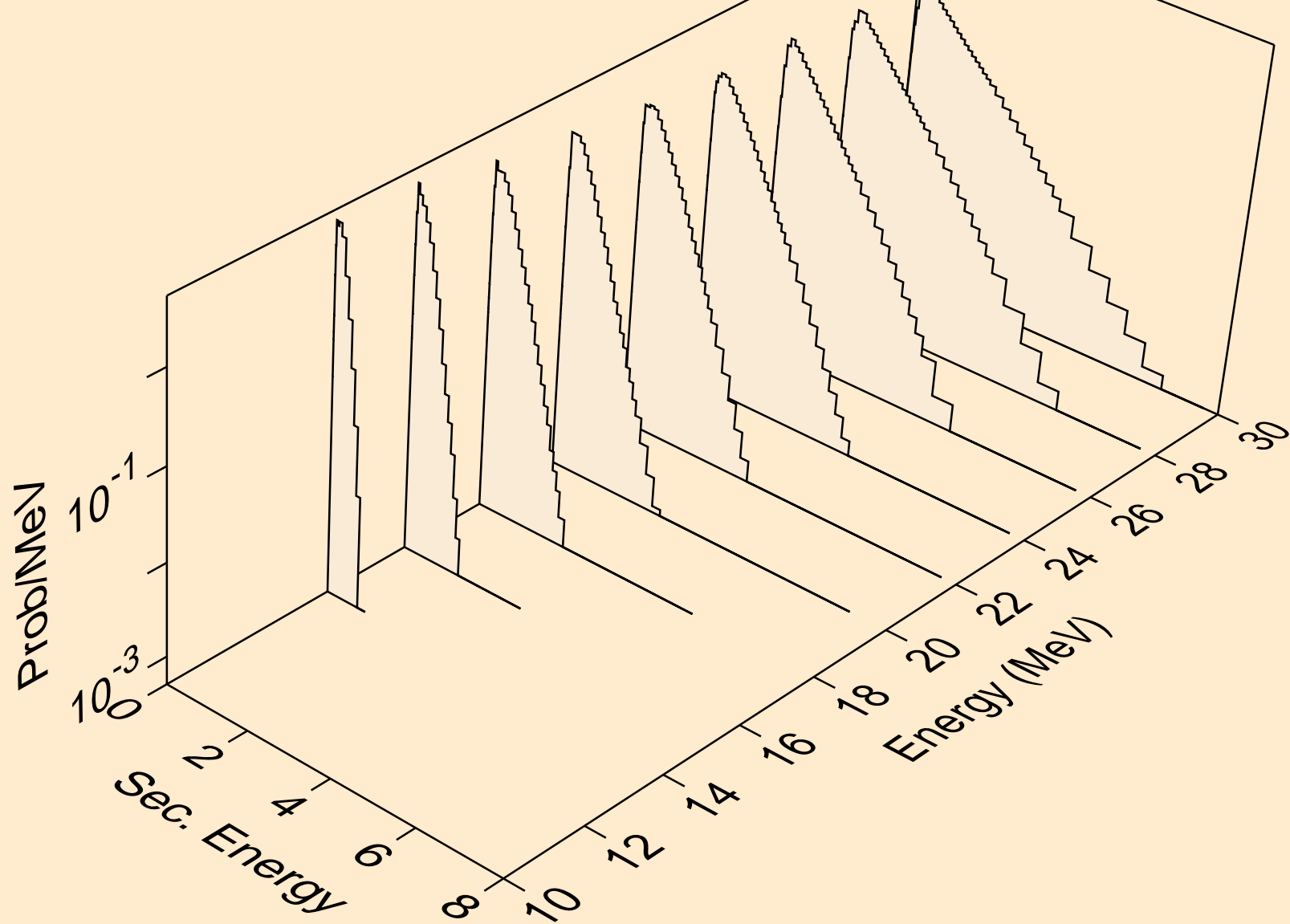
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



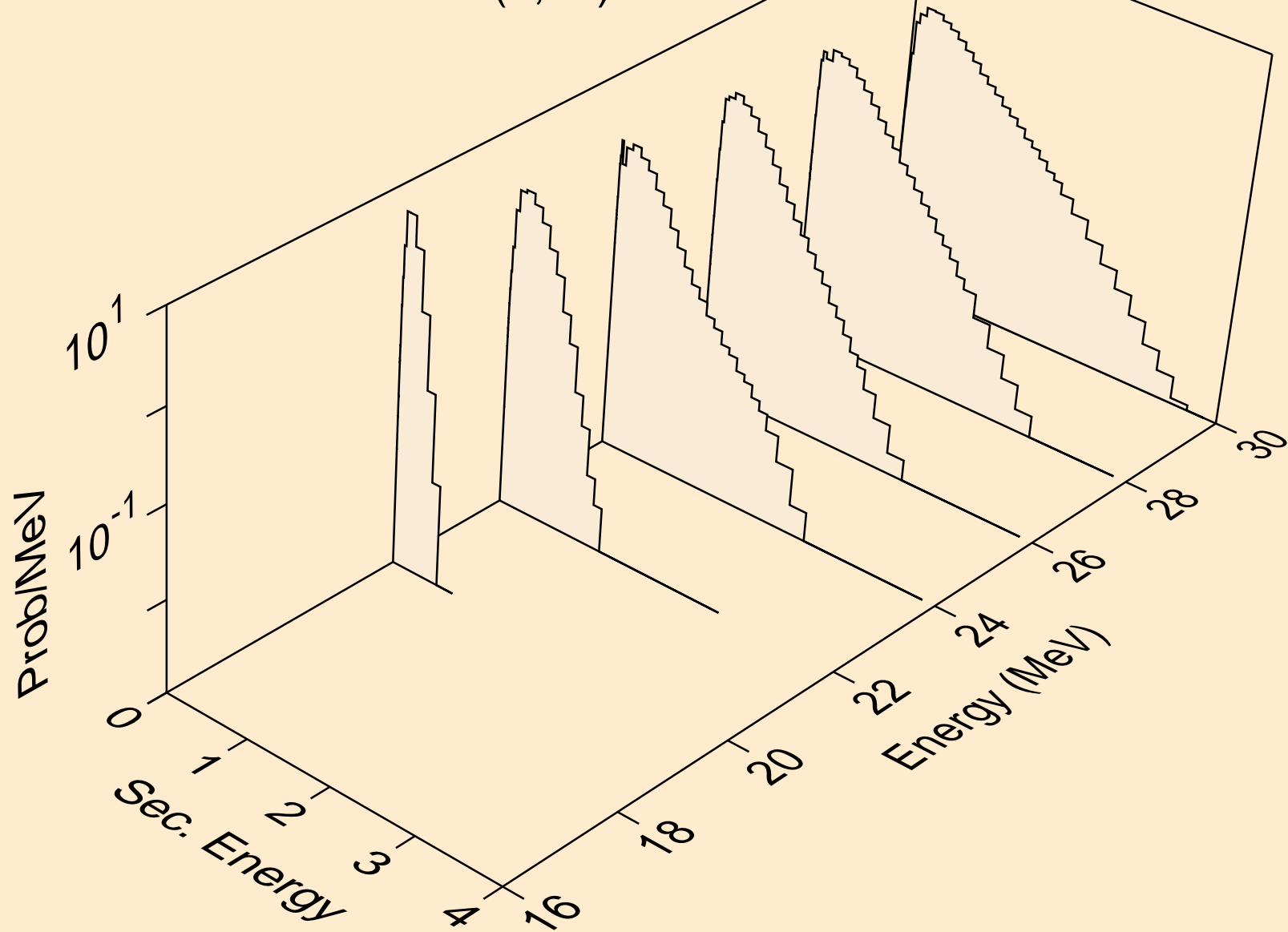
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



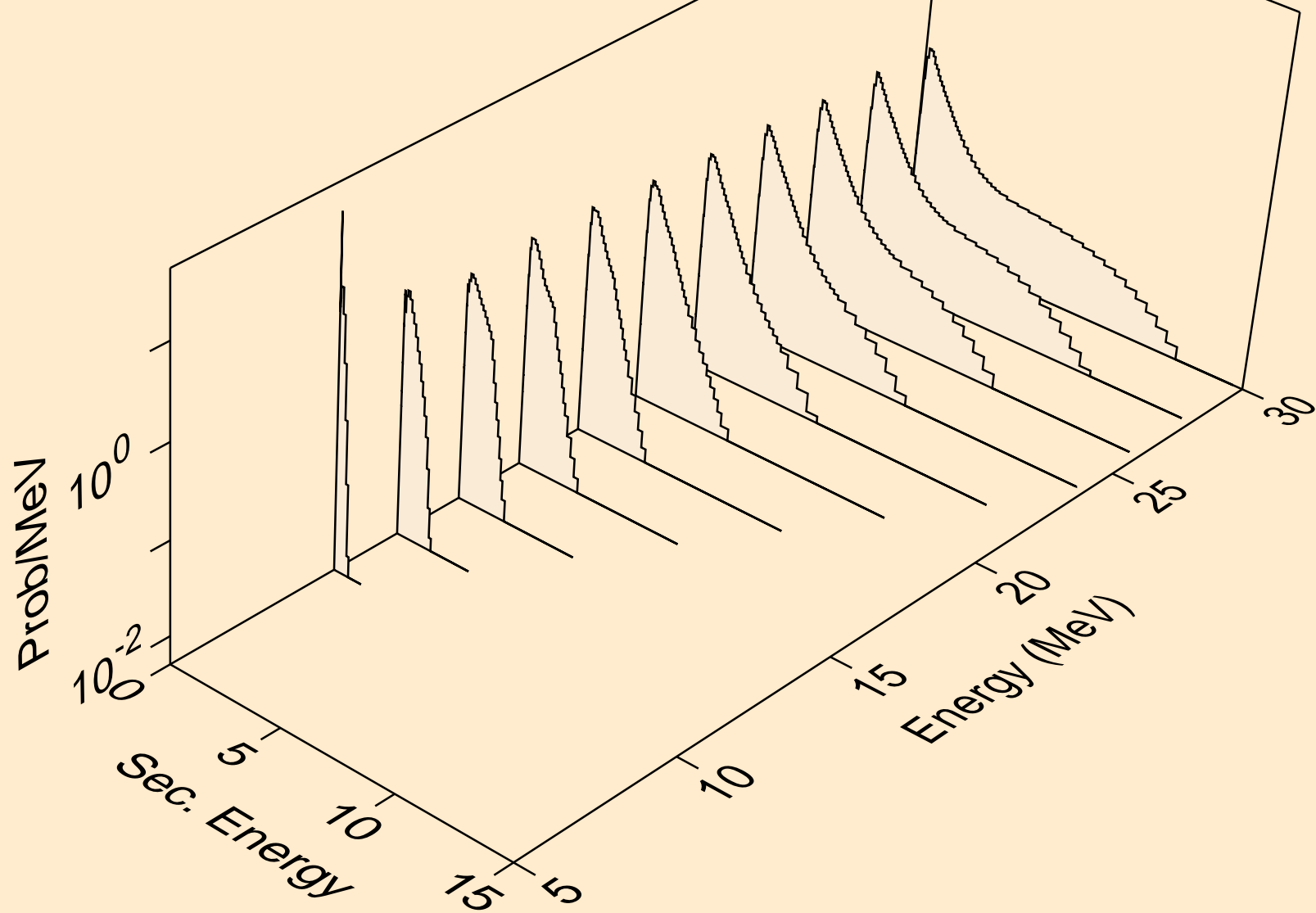
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Neutron emission for (n,2n)a



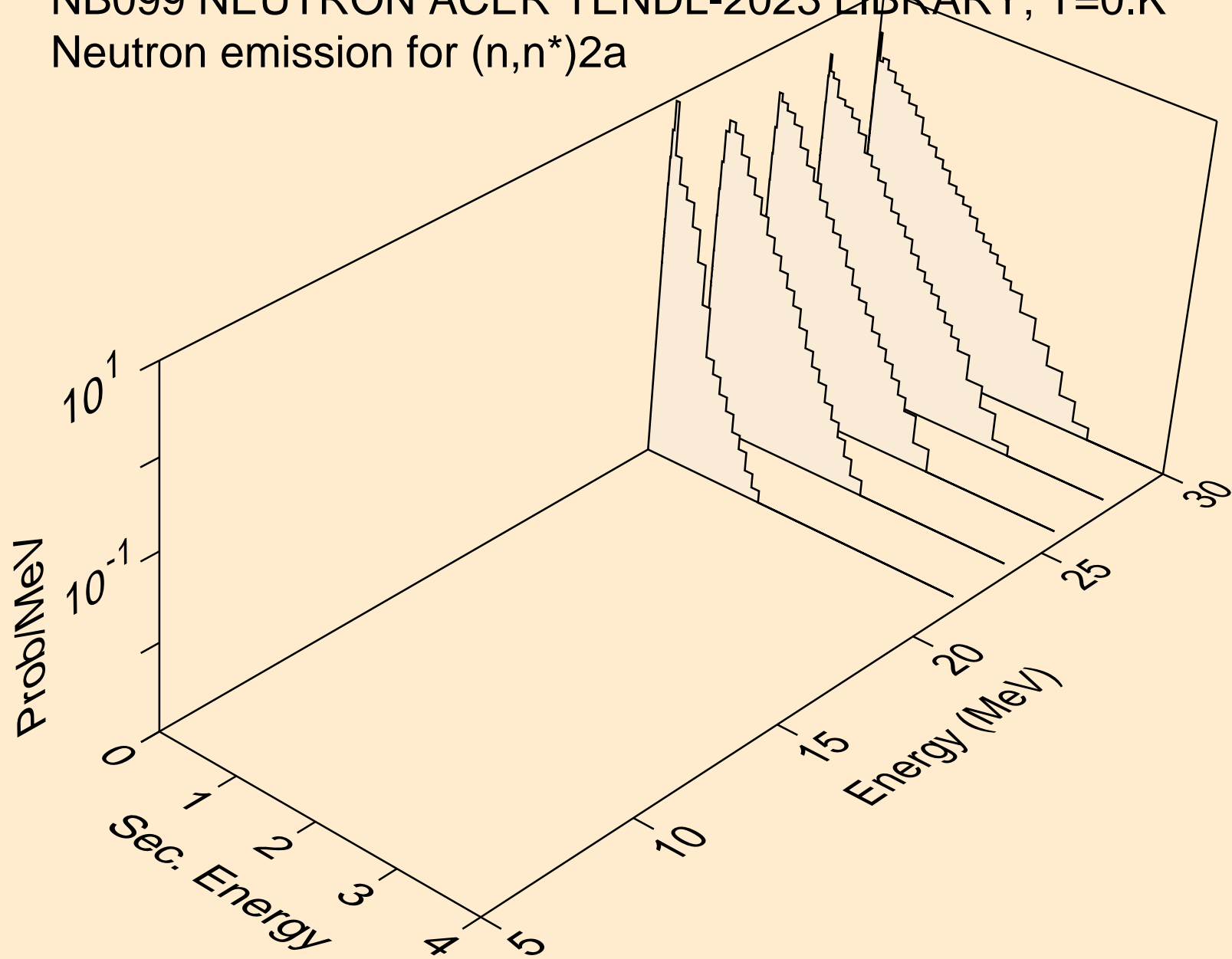
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



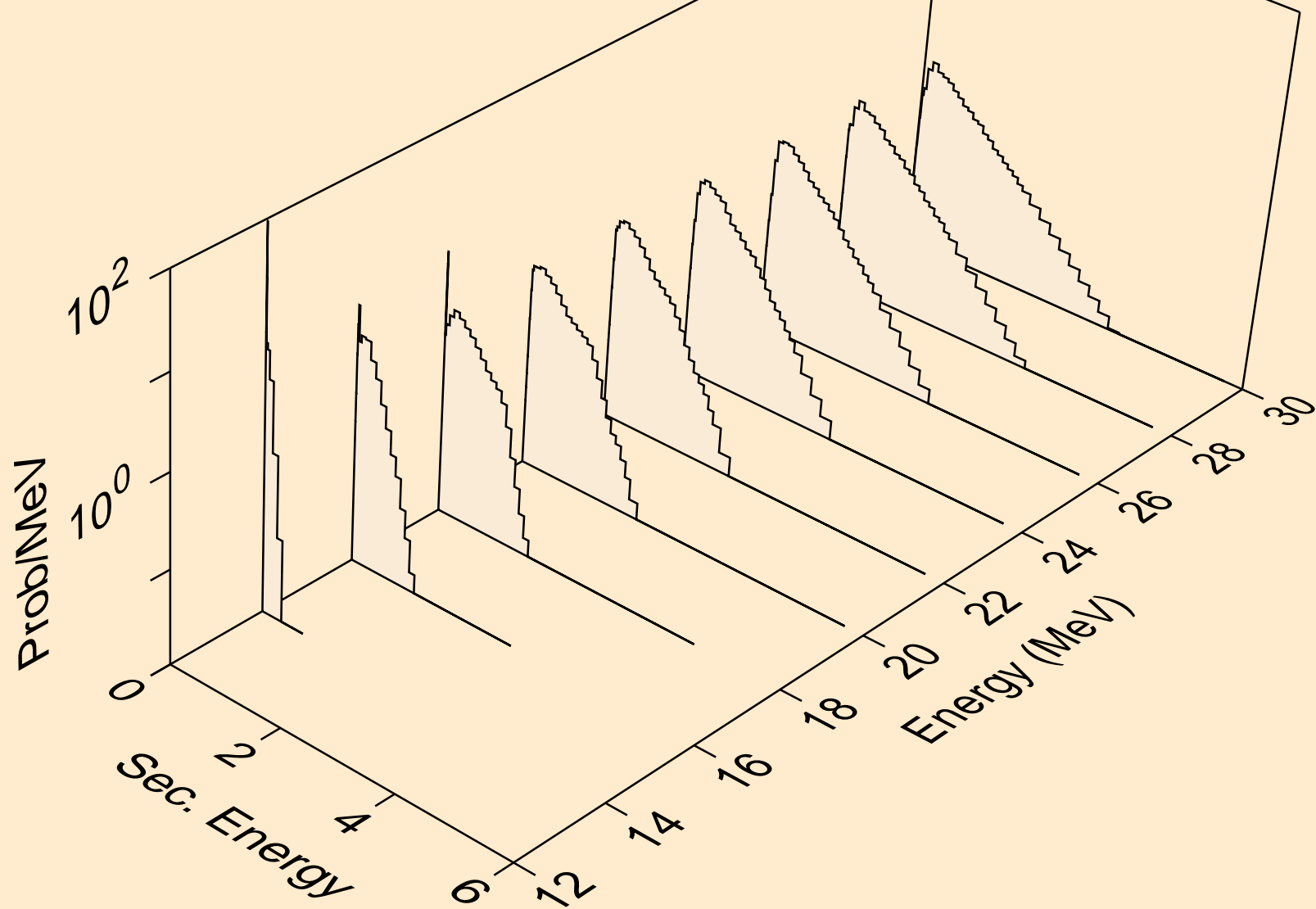
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

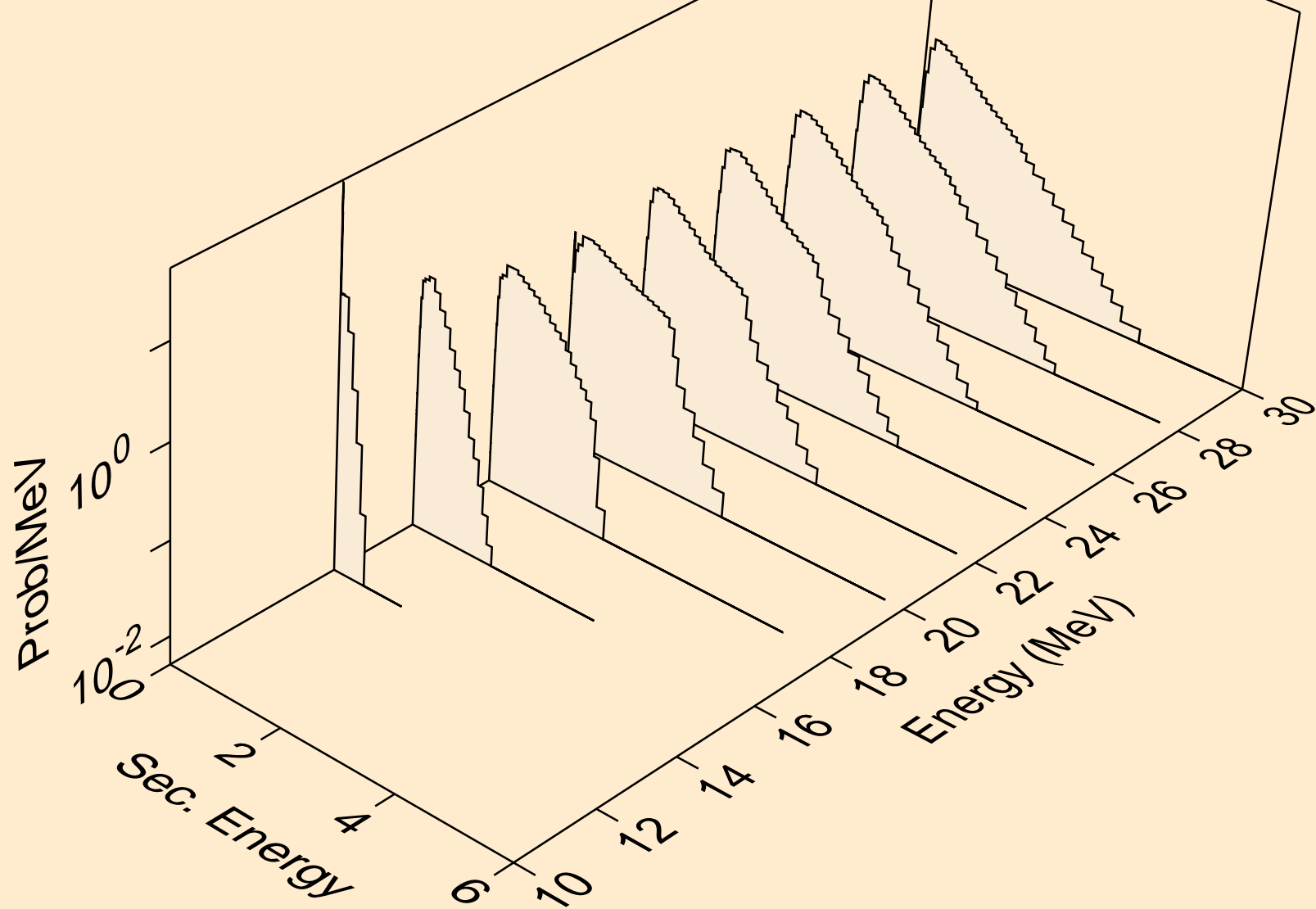


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

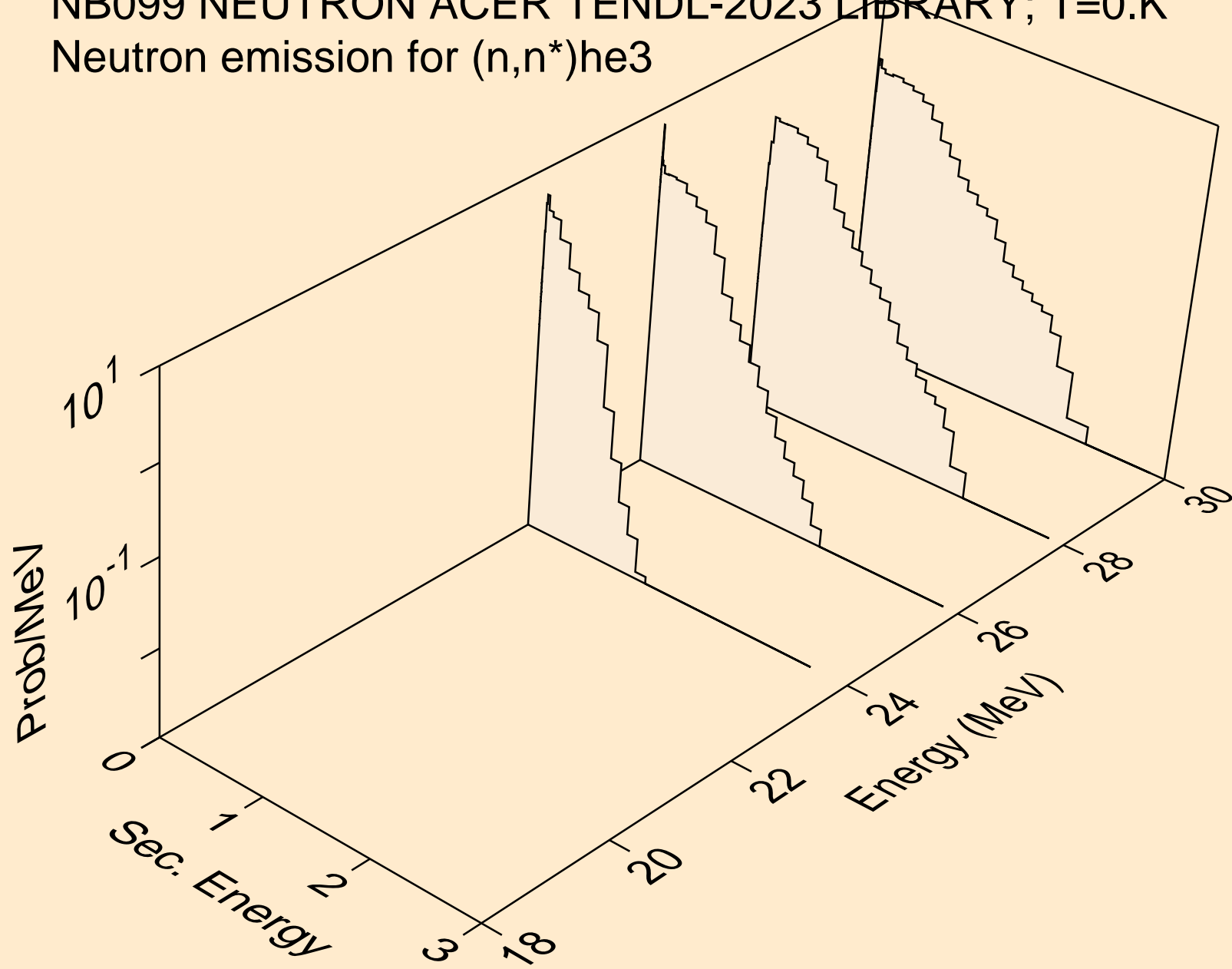




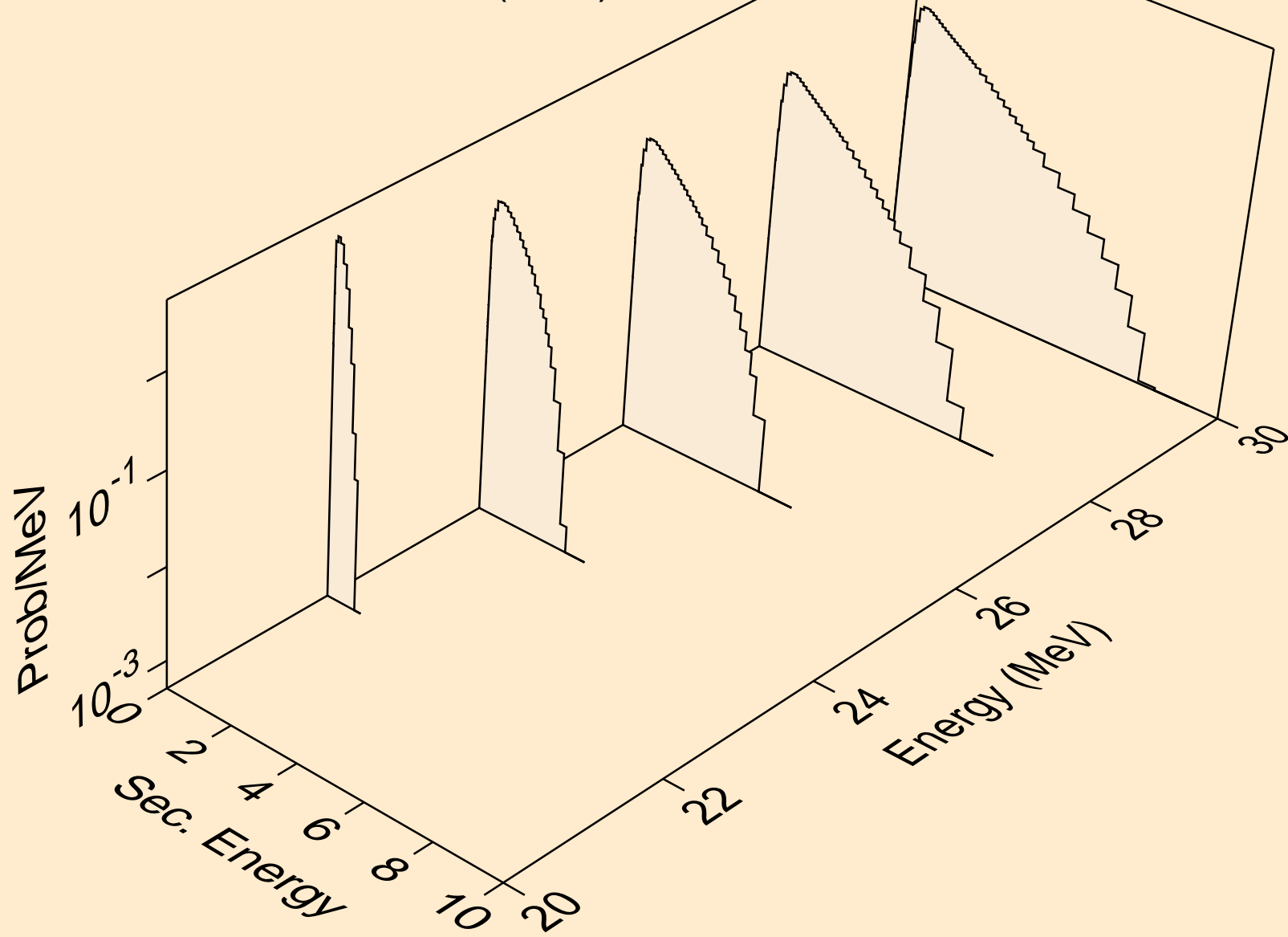
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Neutron emission for (n,n\*)t



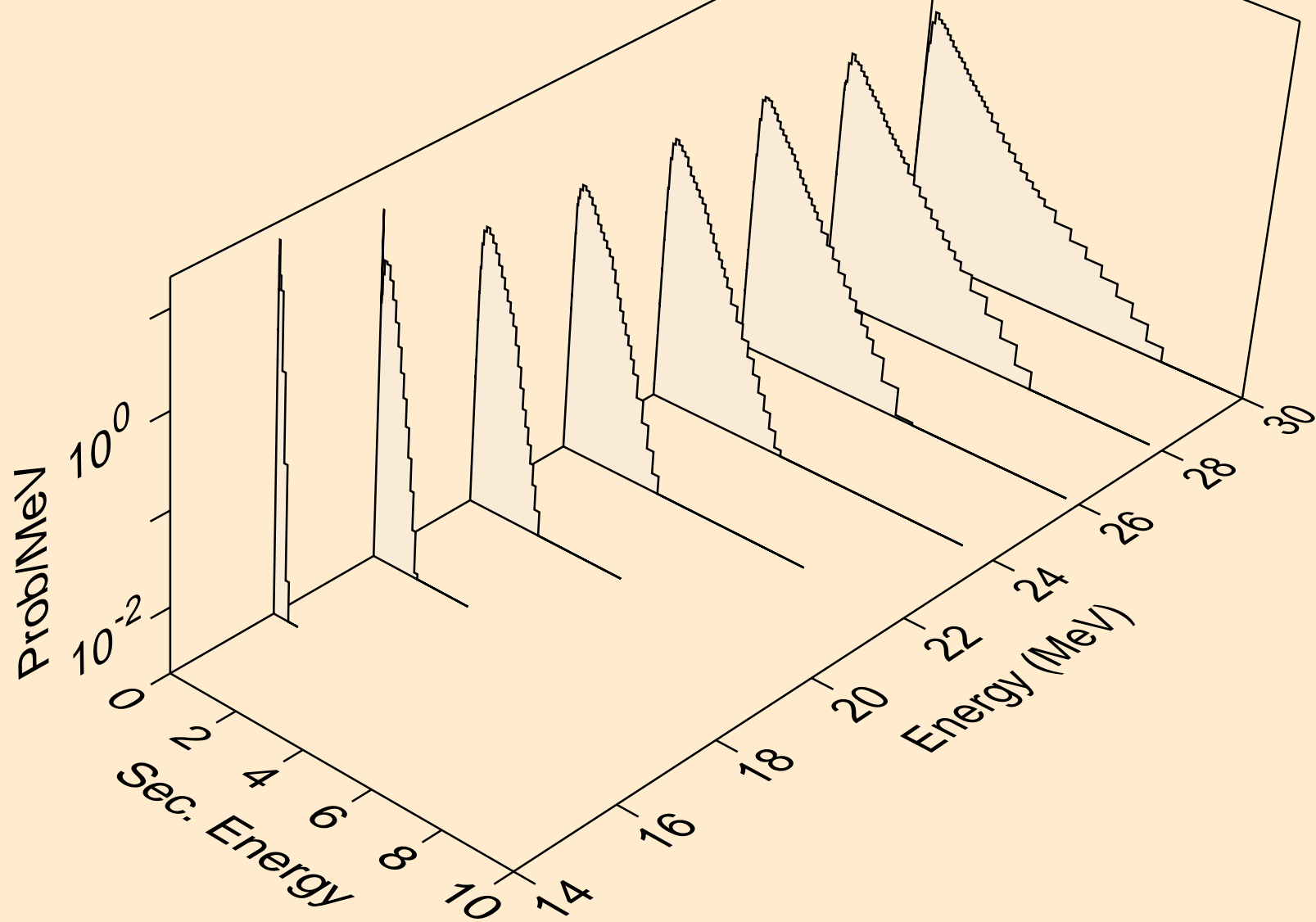
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



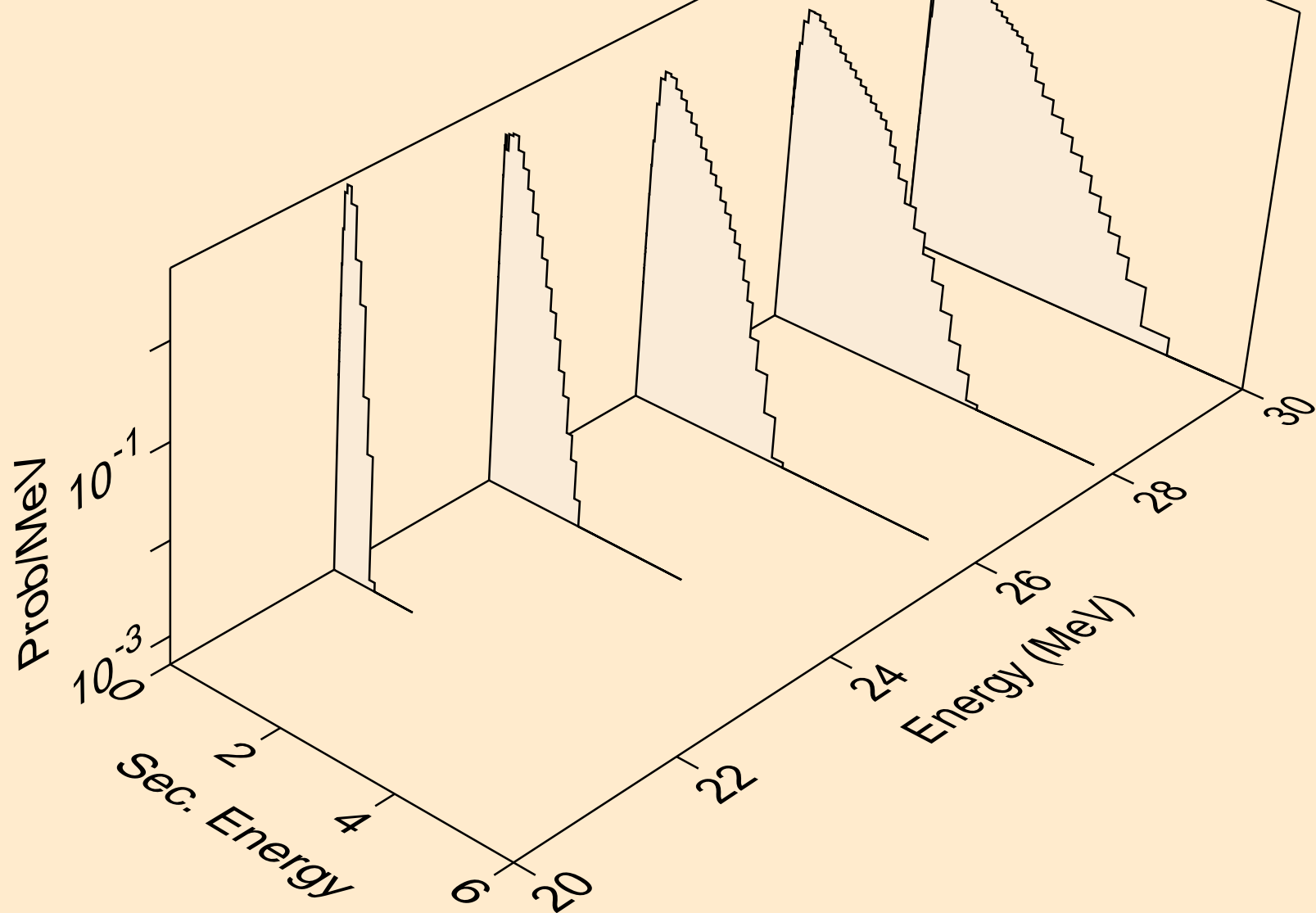
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



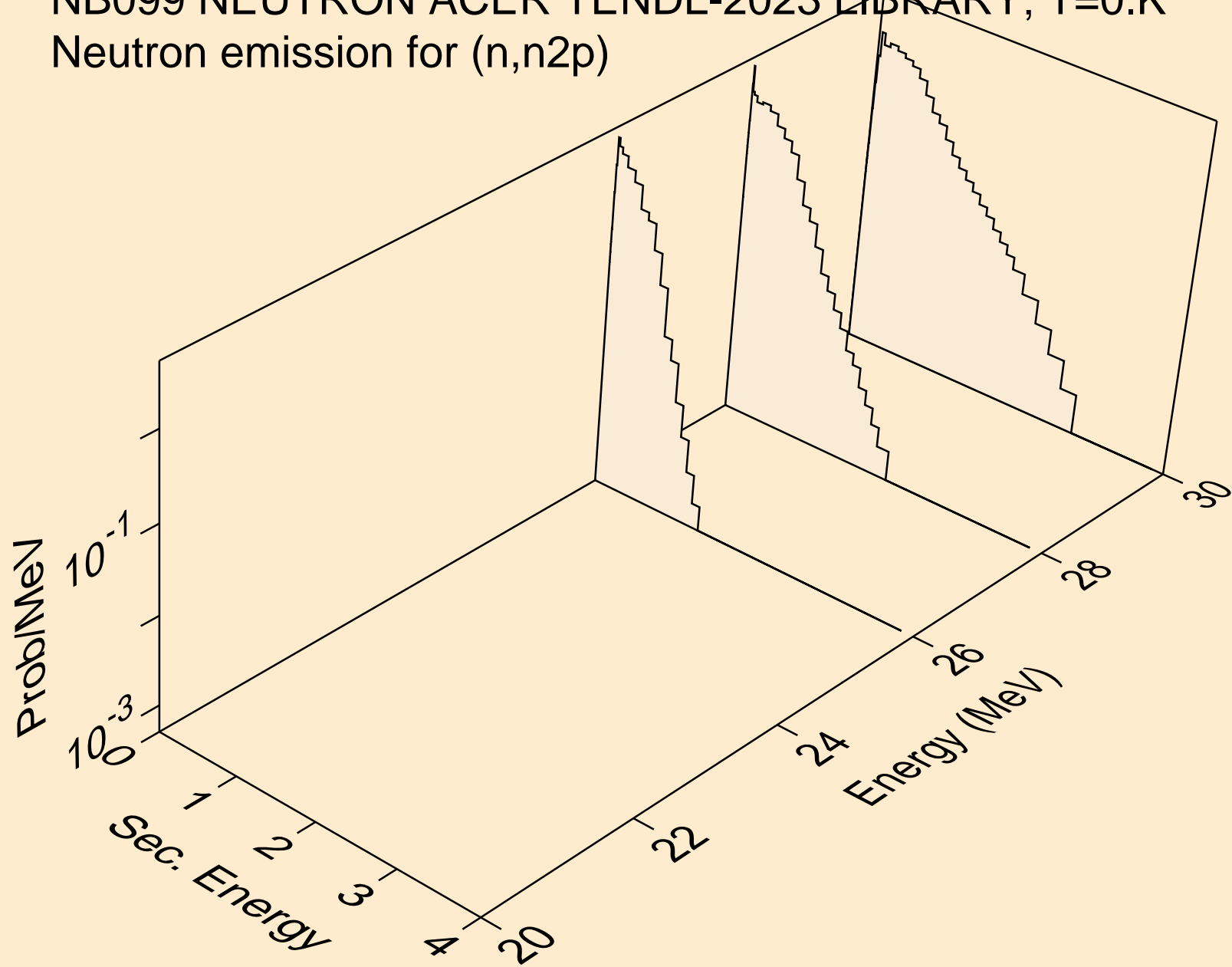
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



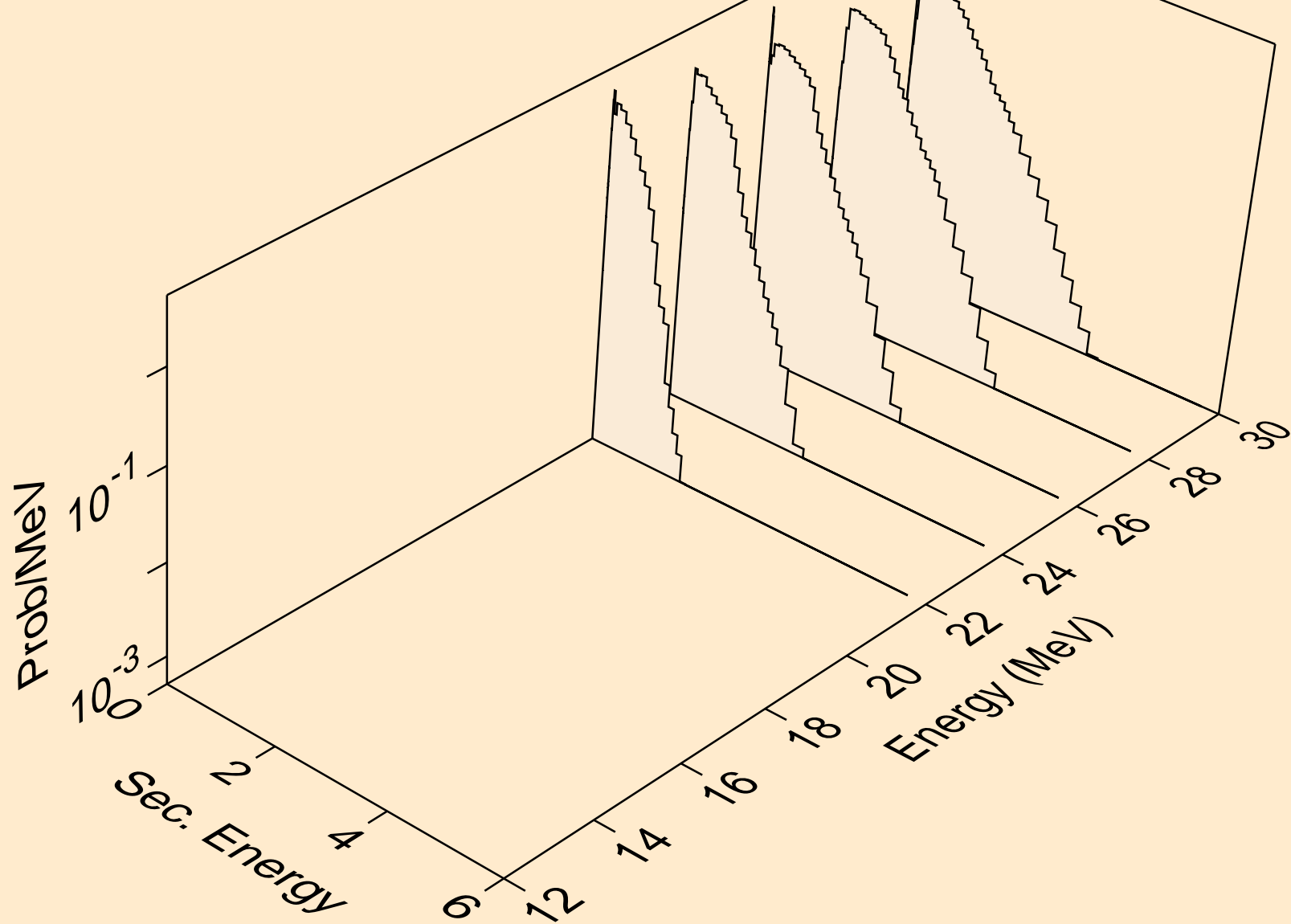
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Neutron emission for (n,3np)



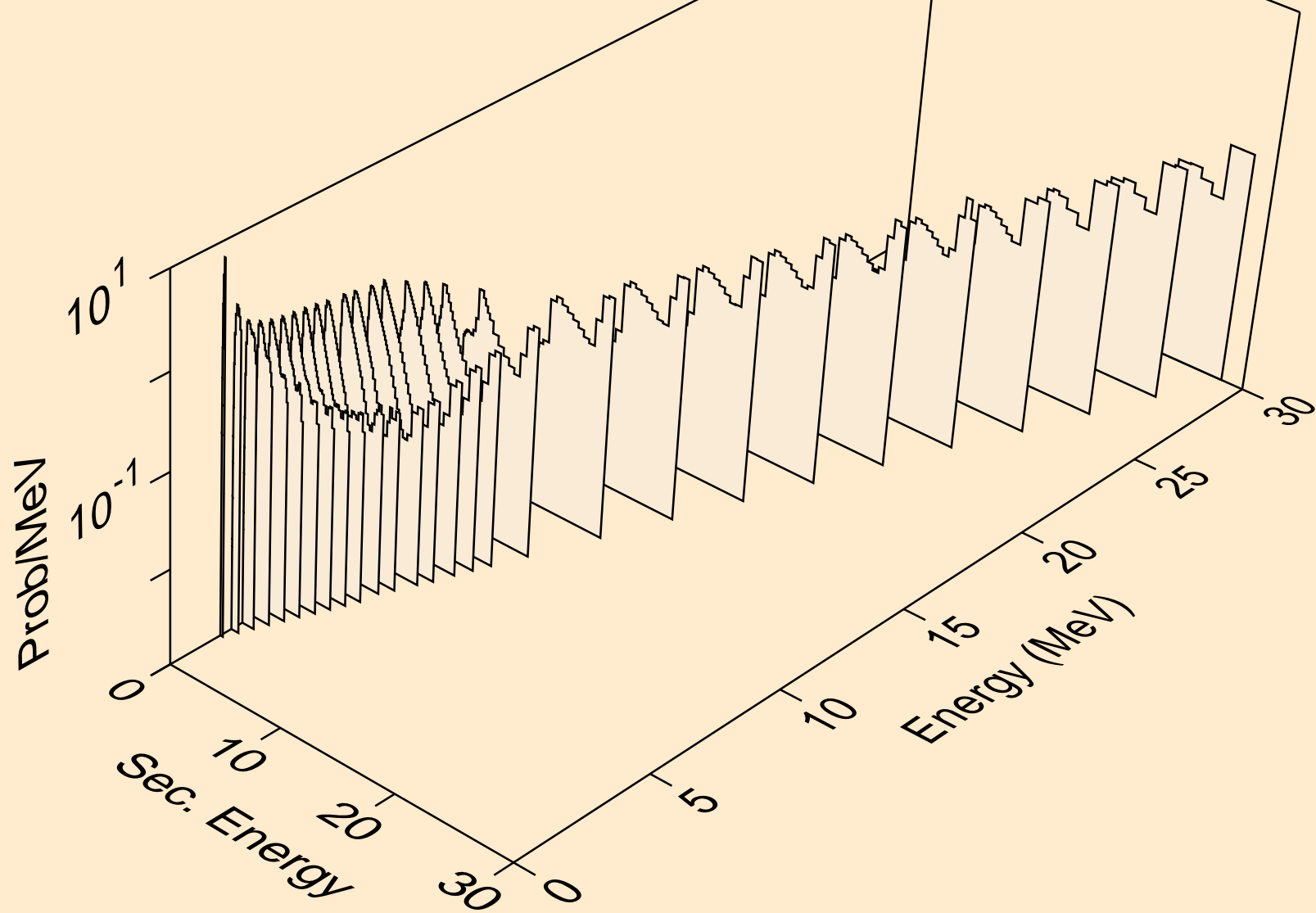
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

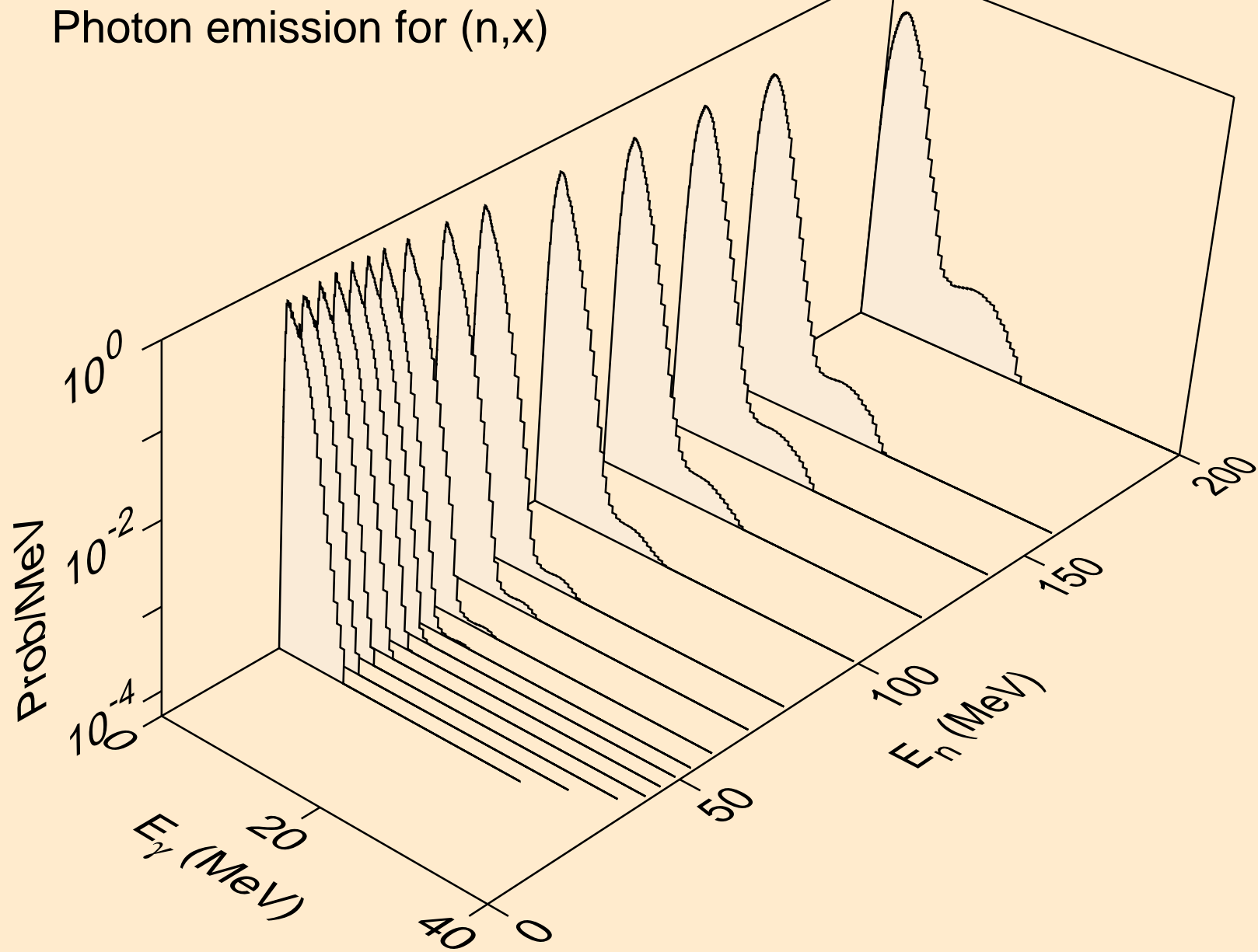


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

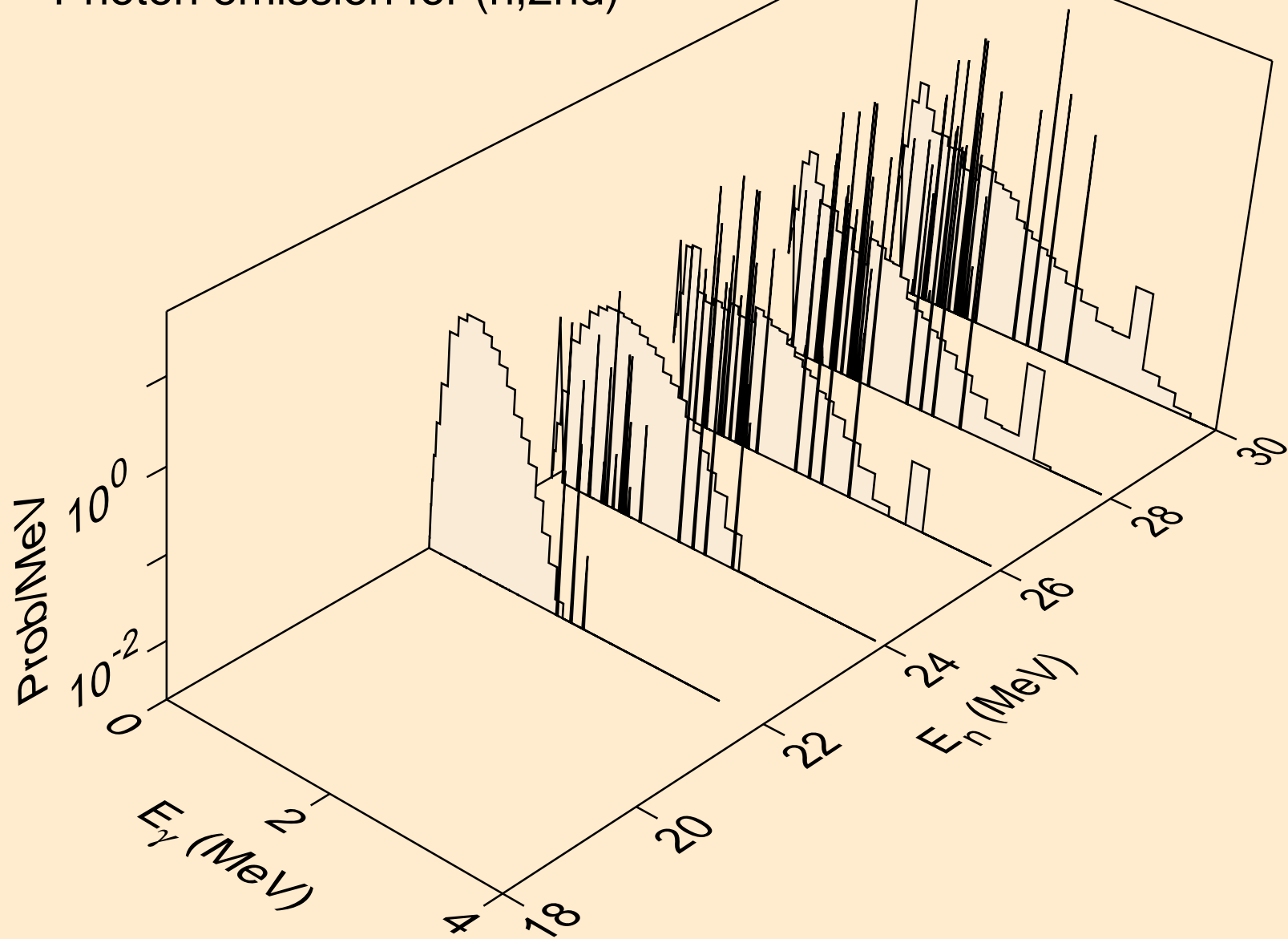




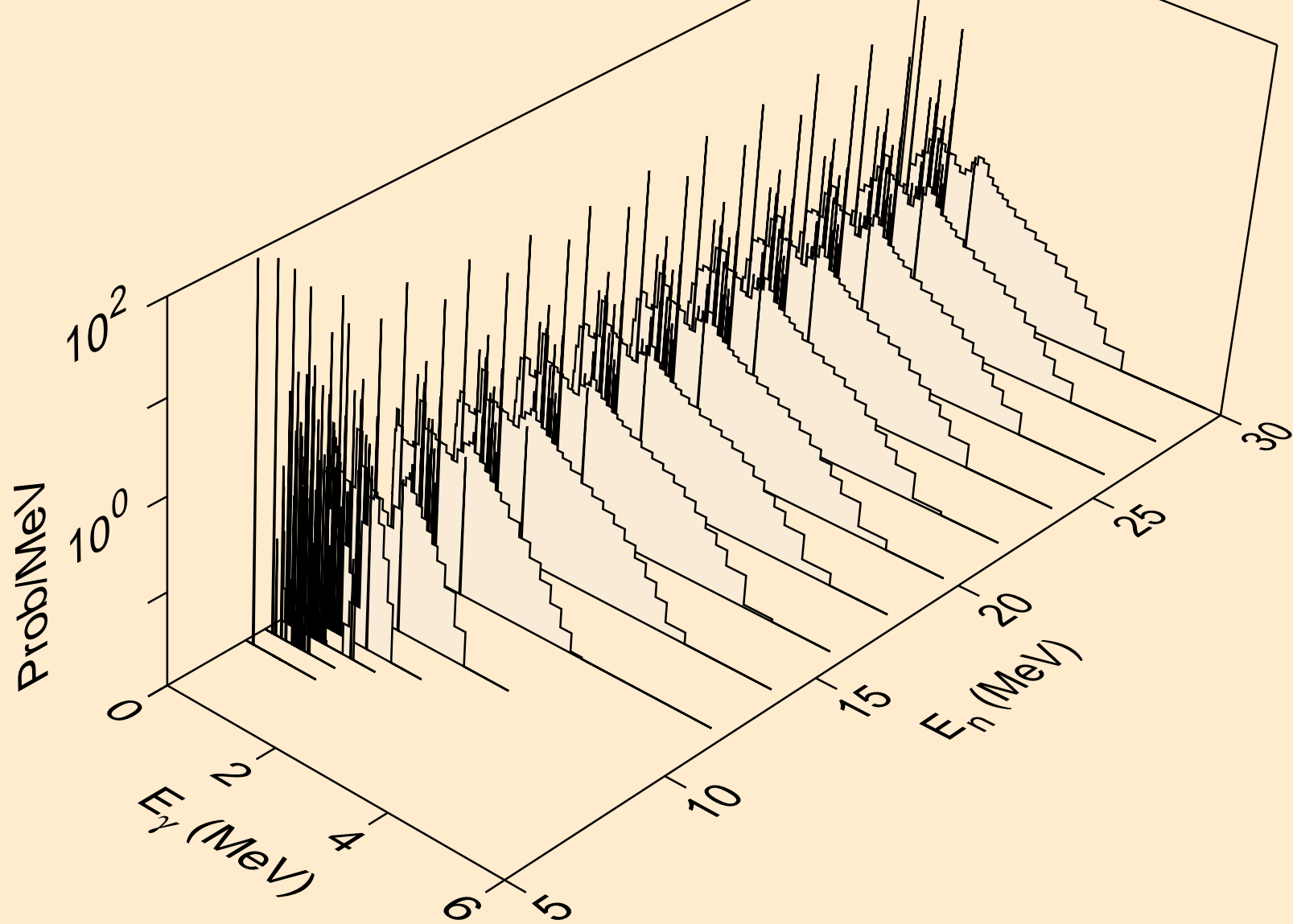
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



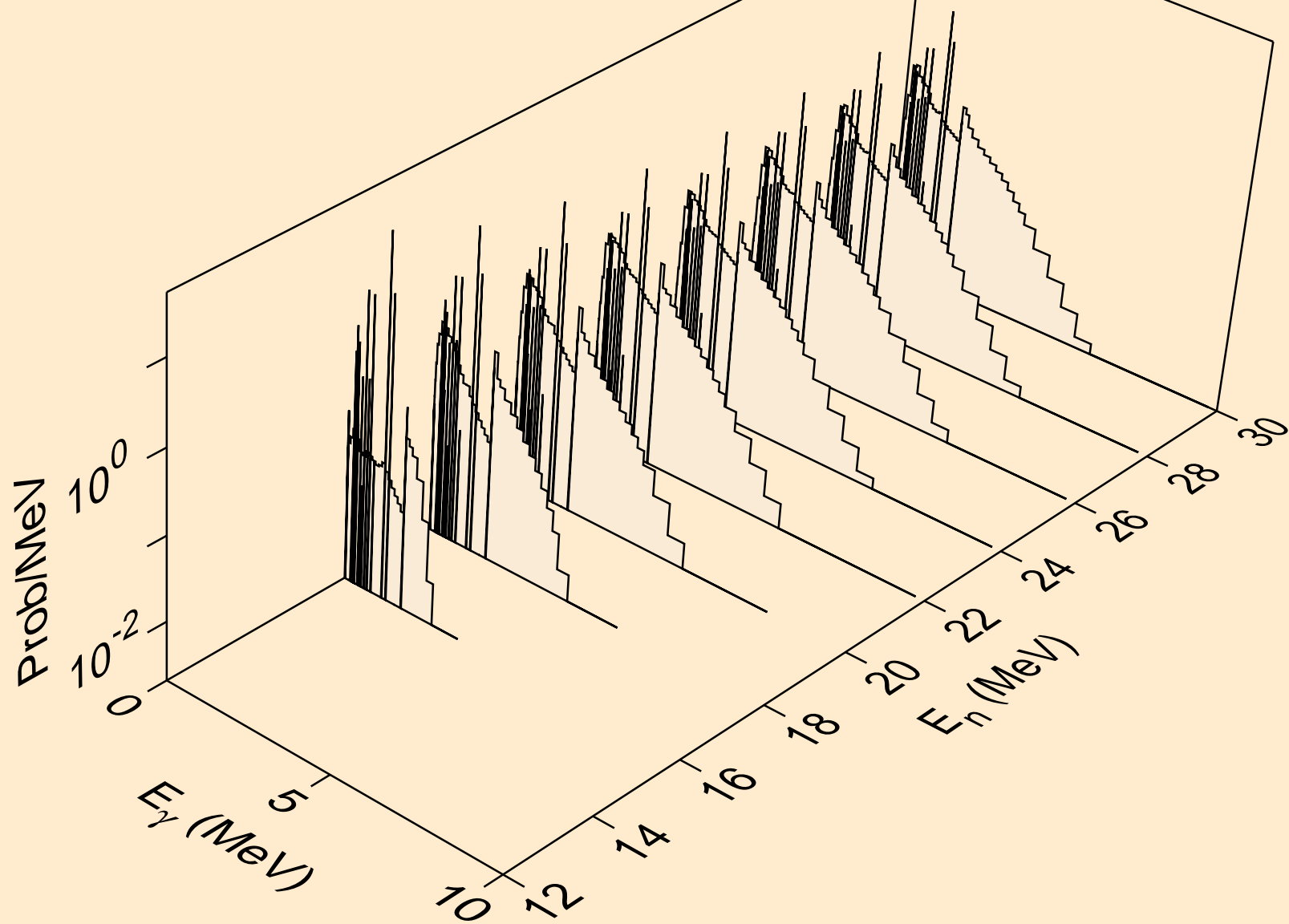
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



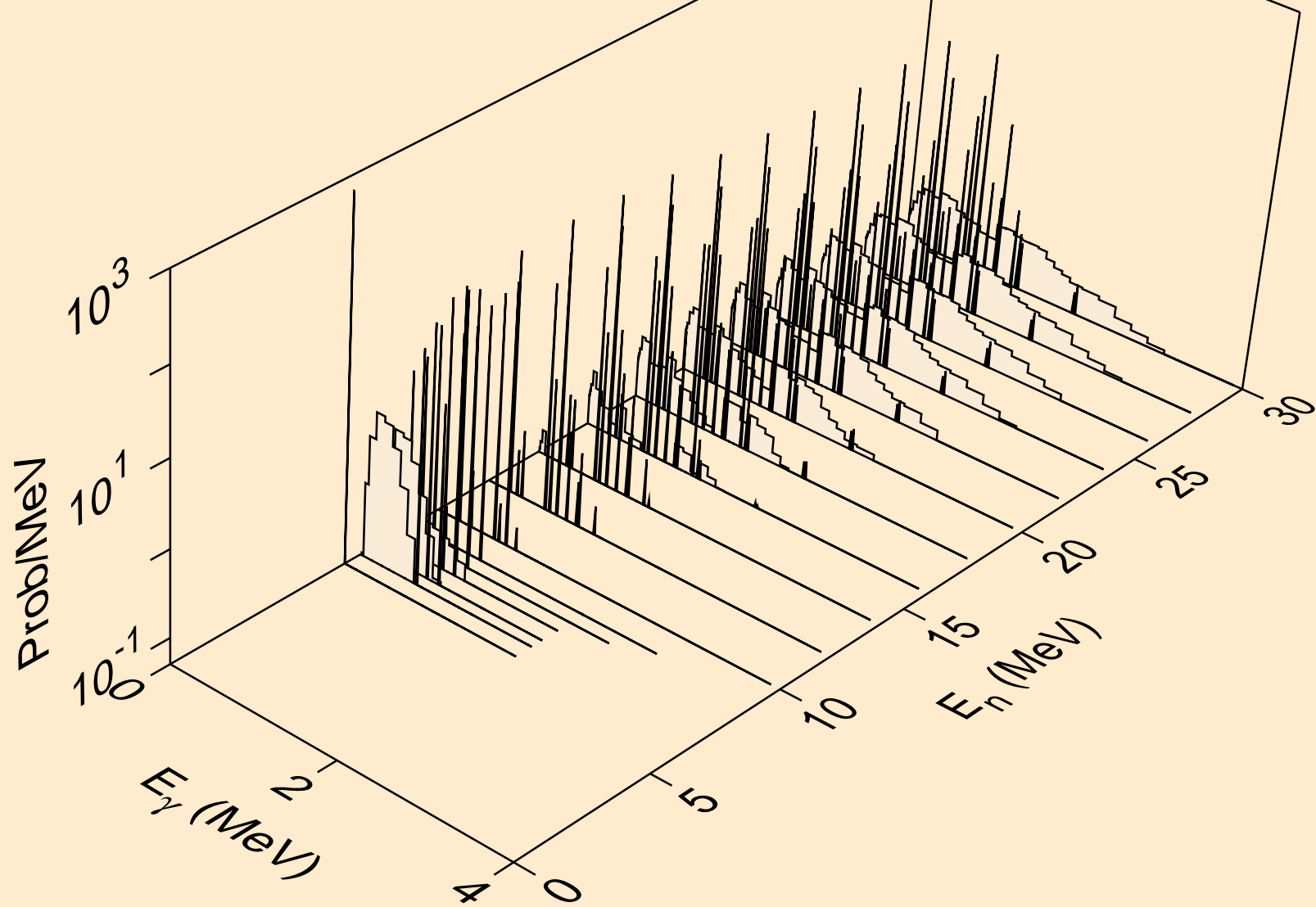
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



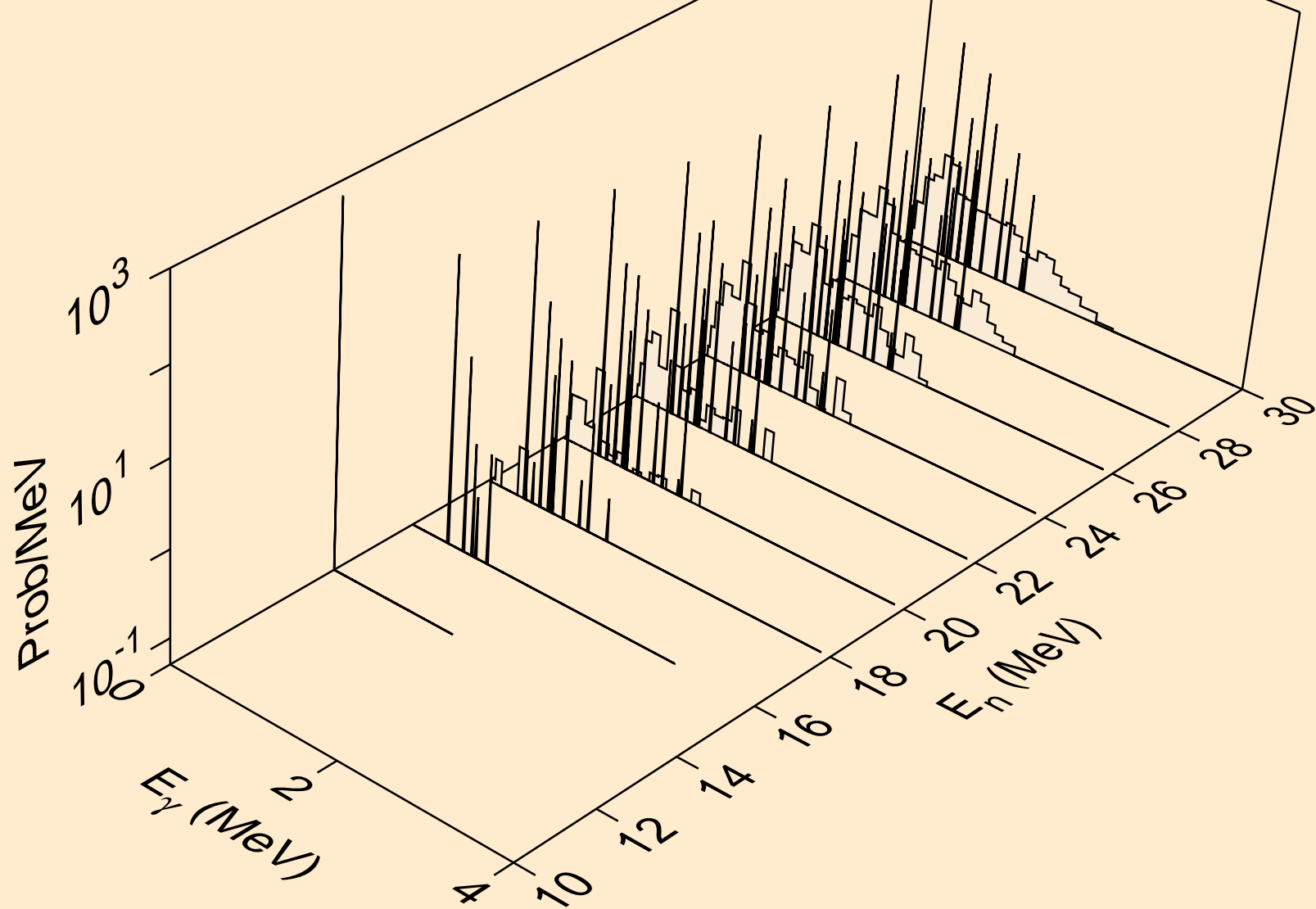
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



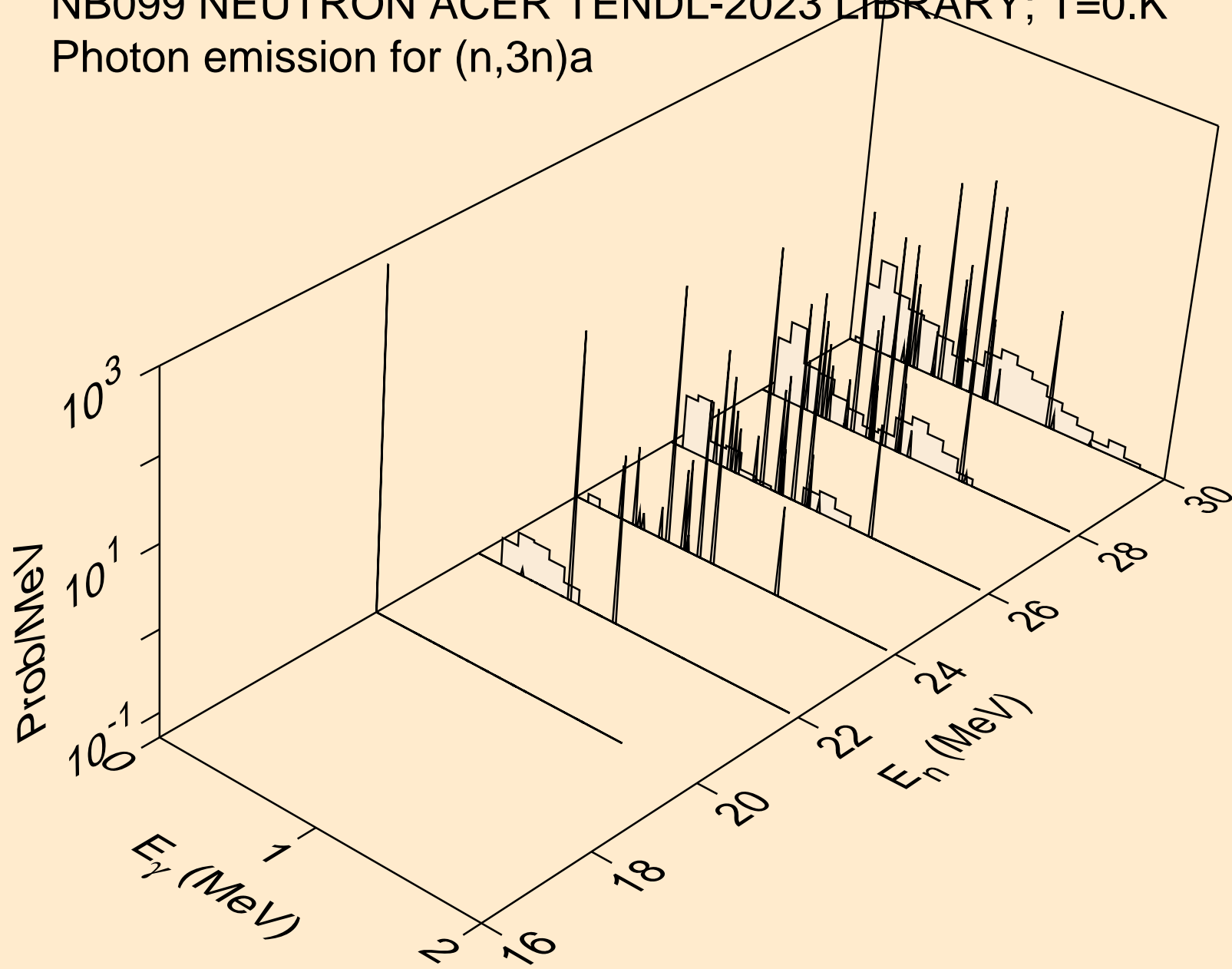
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



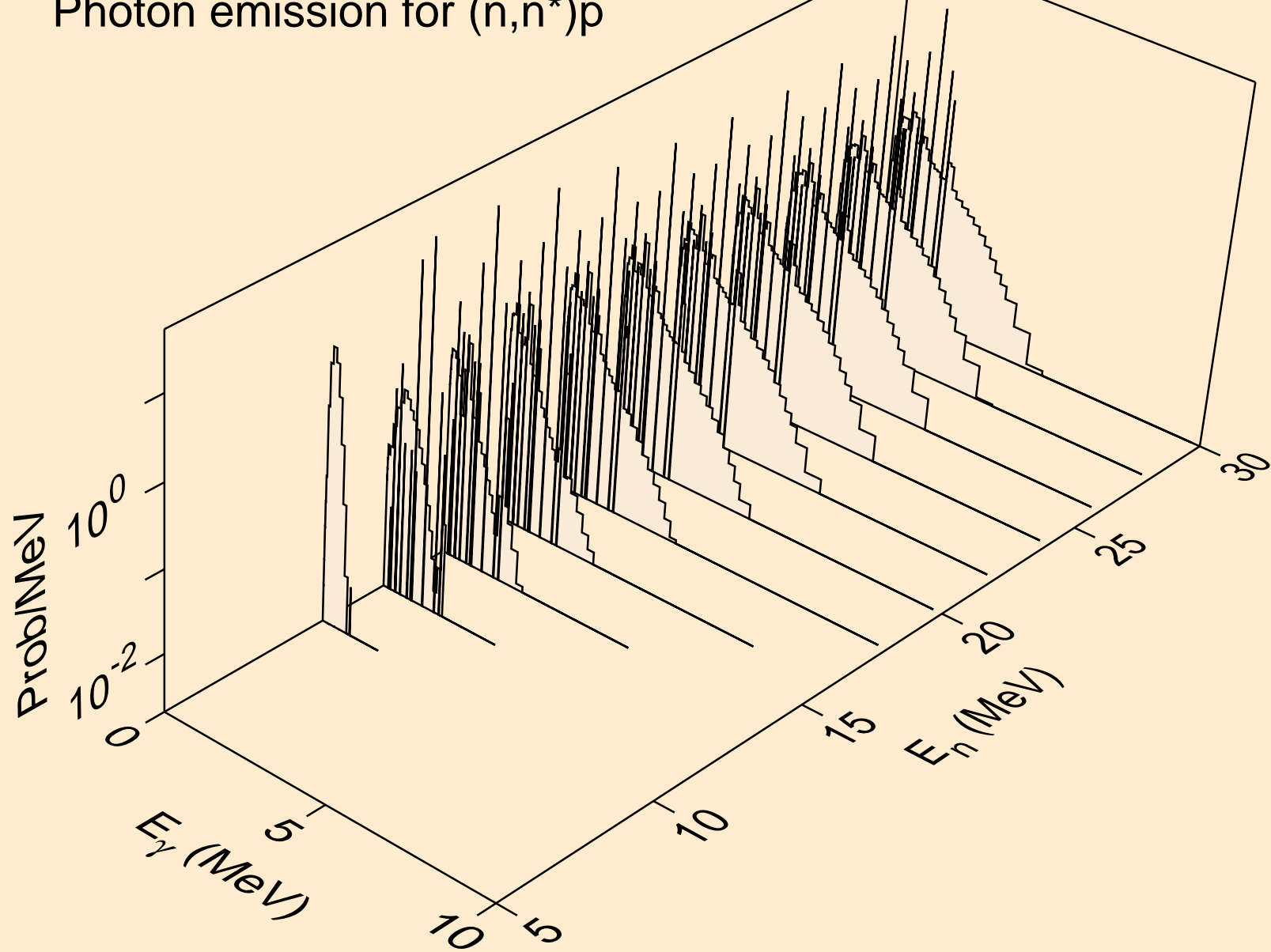
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

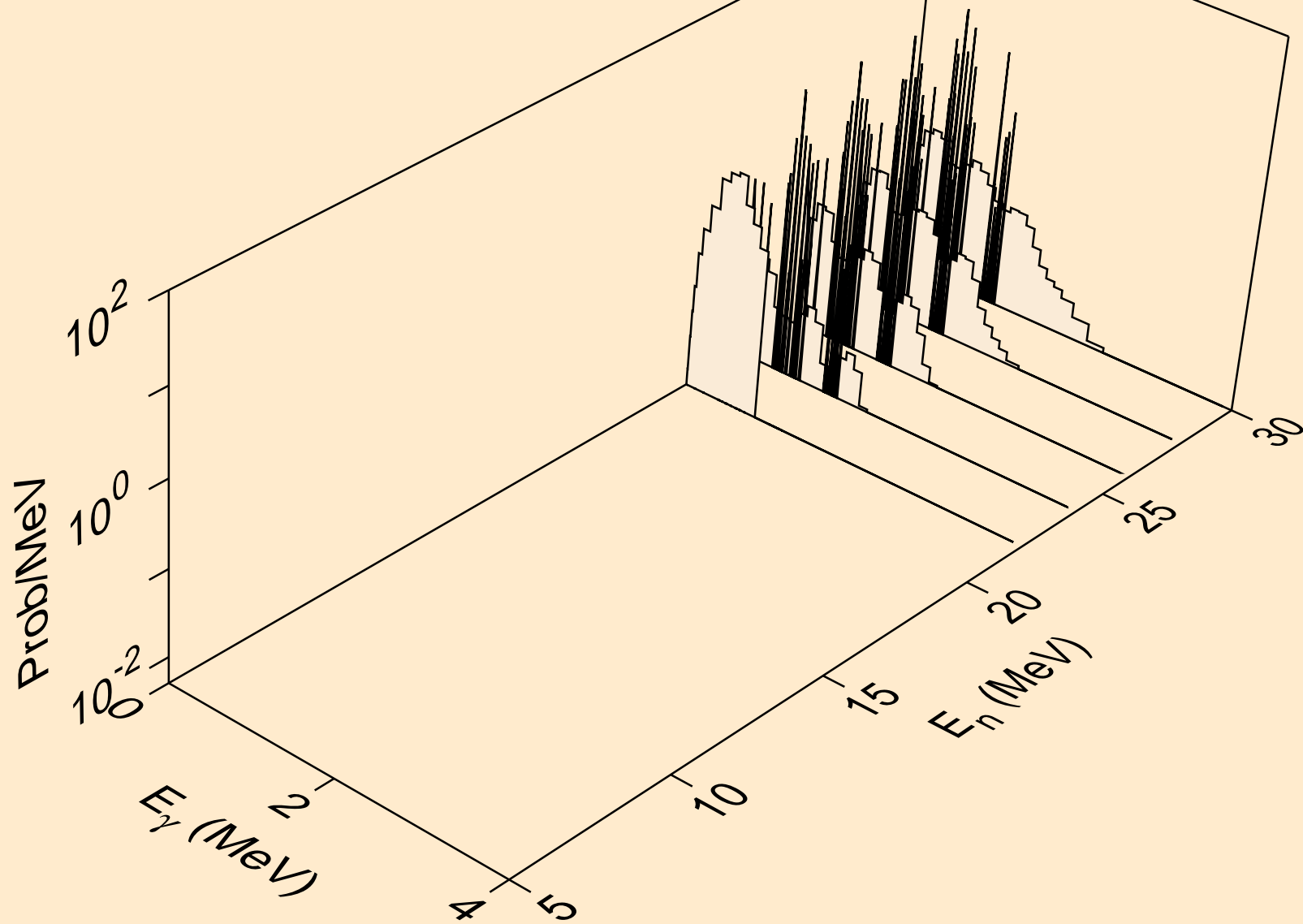


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

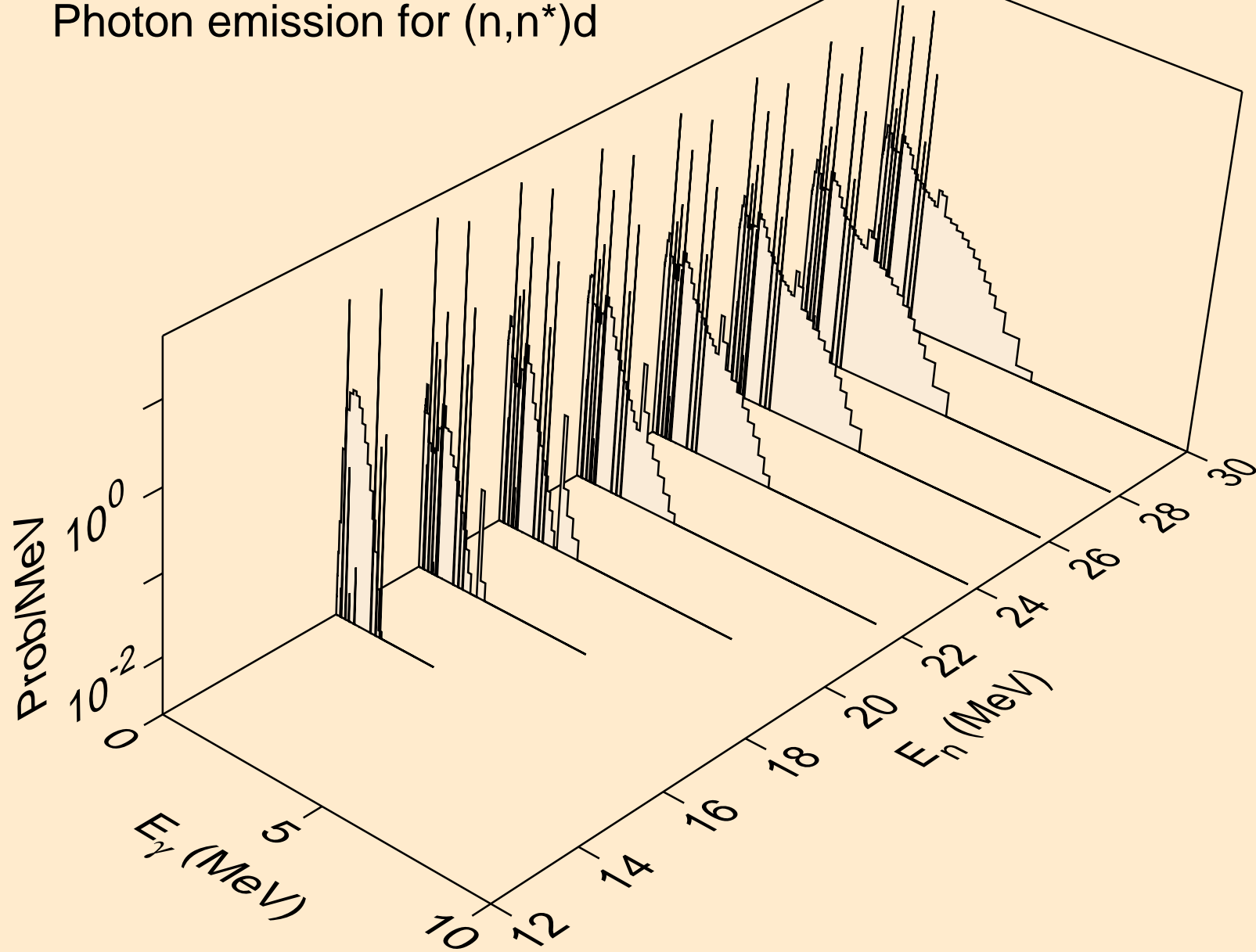




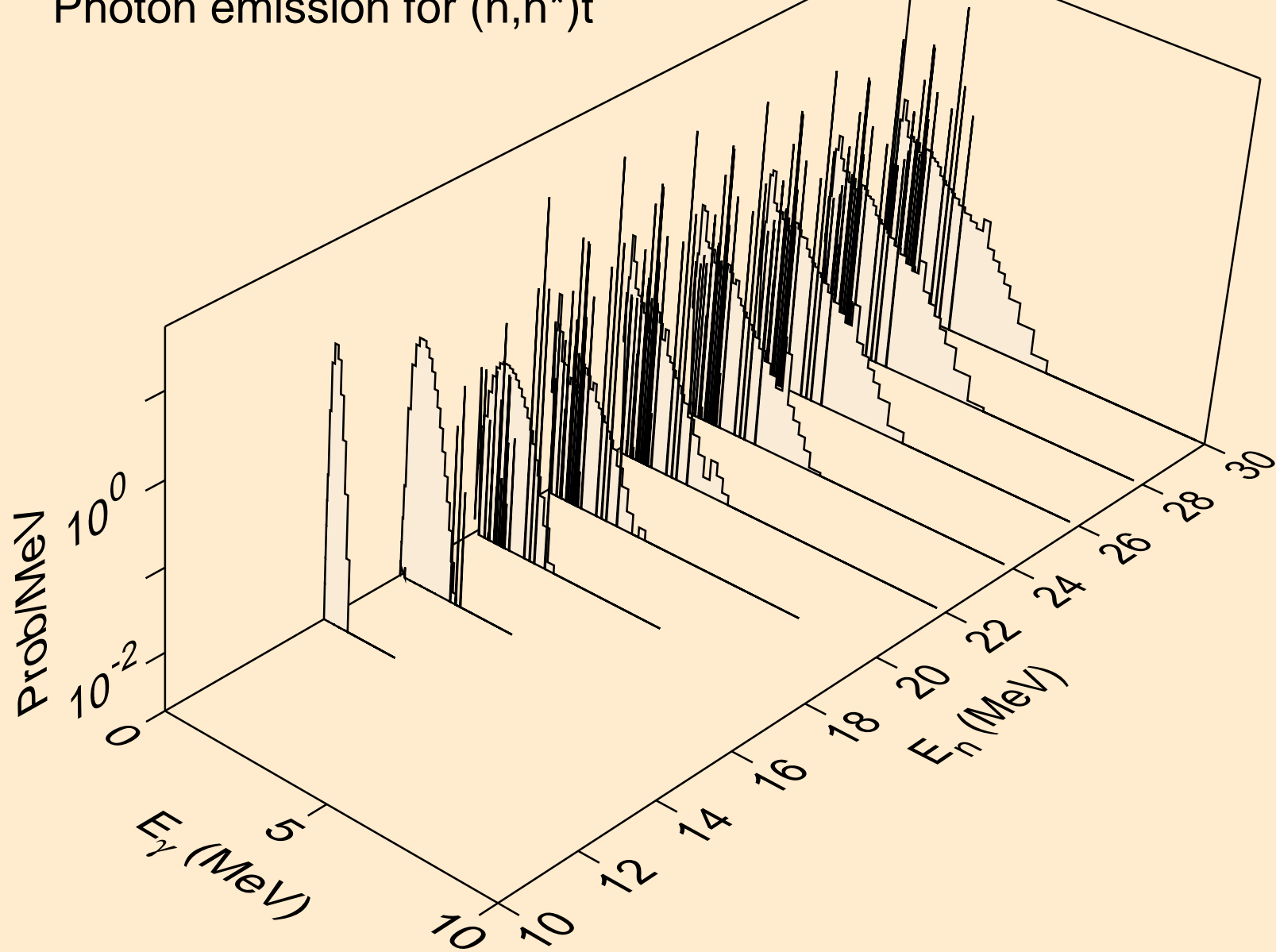
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



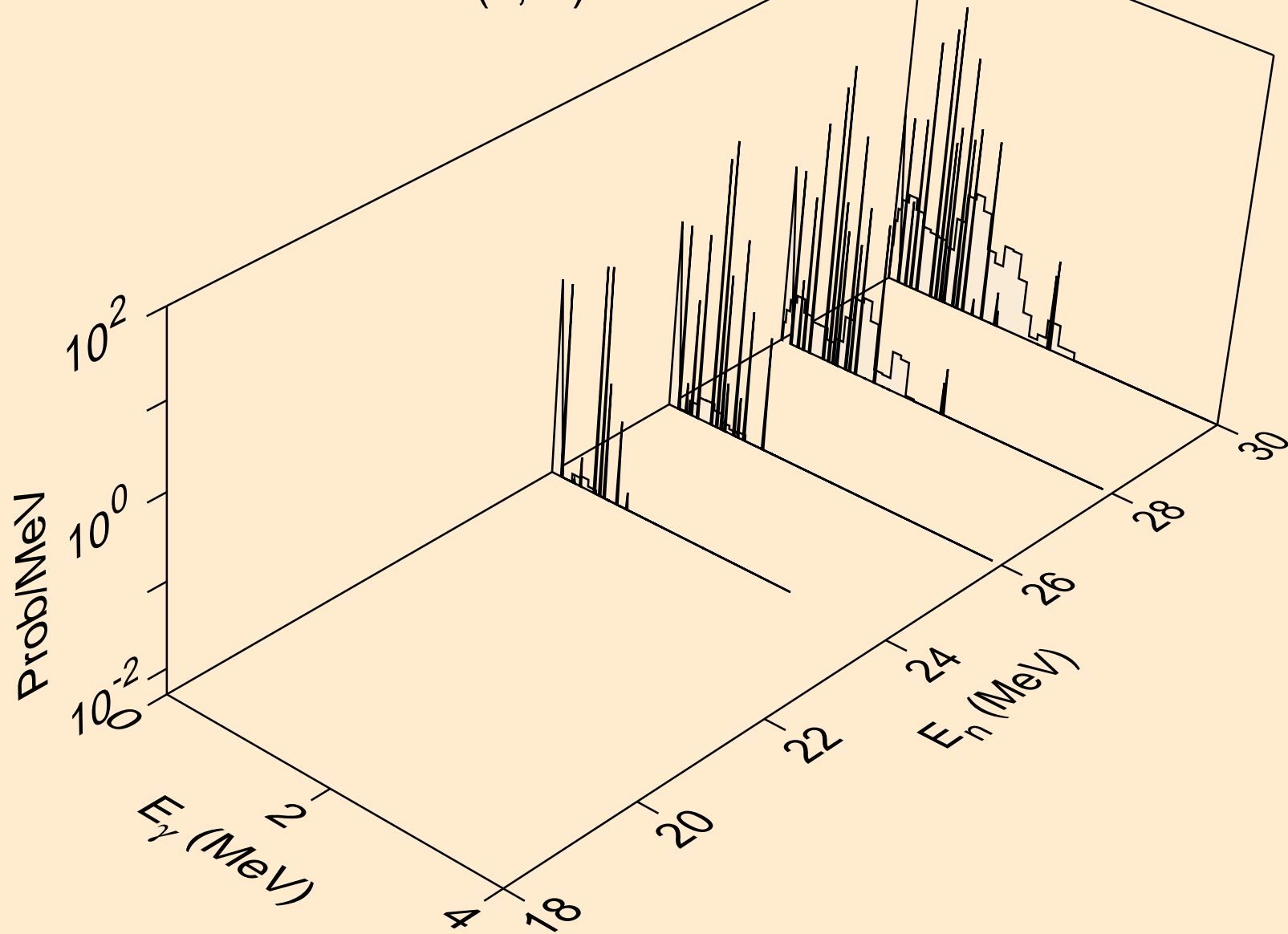
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



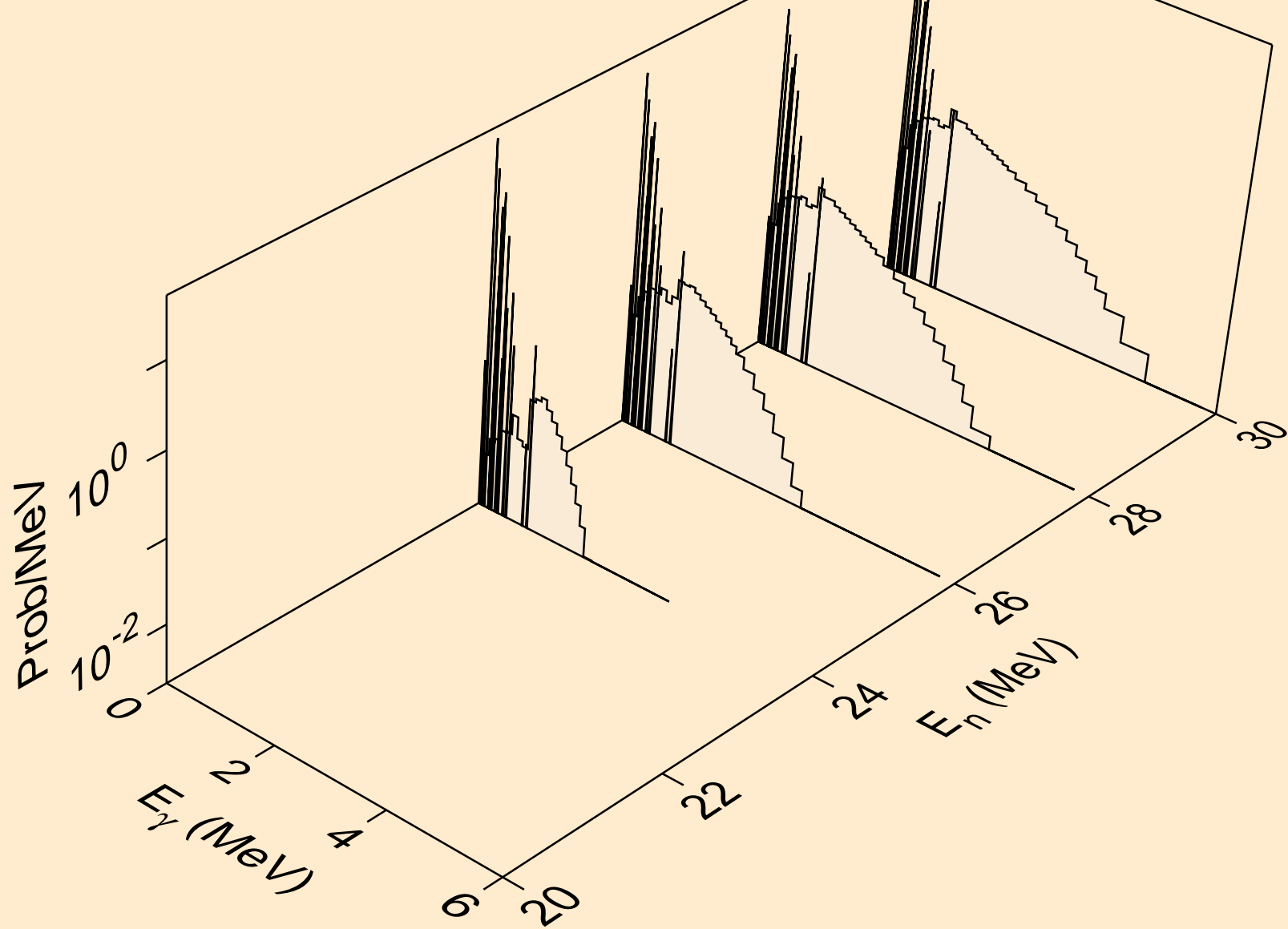
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



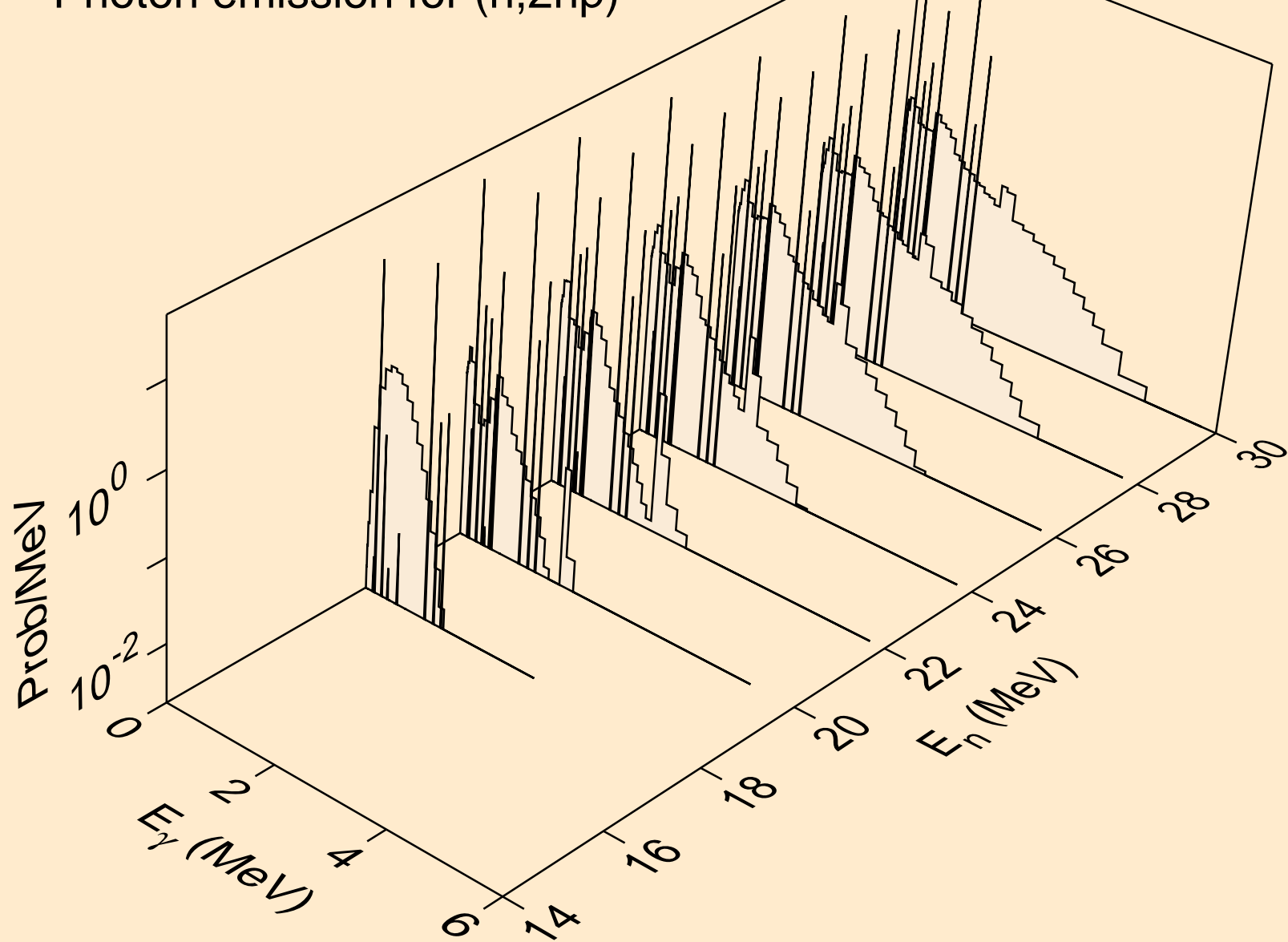
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



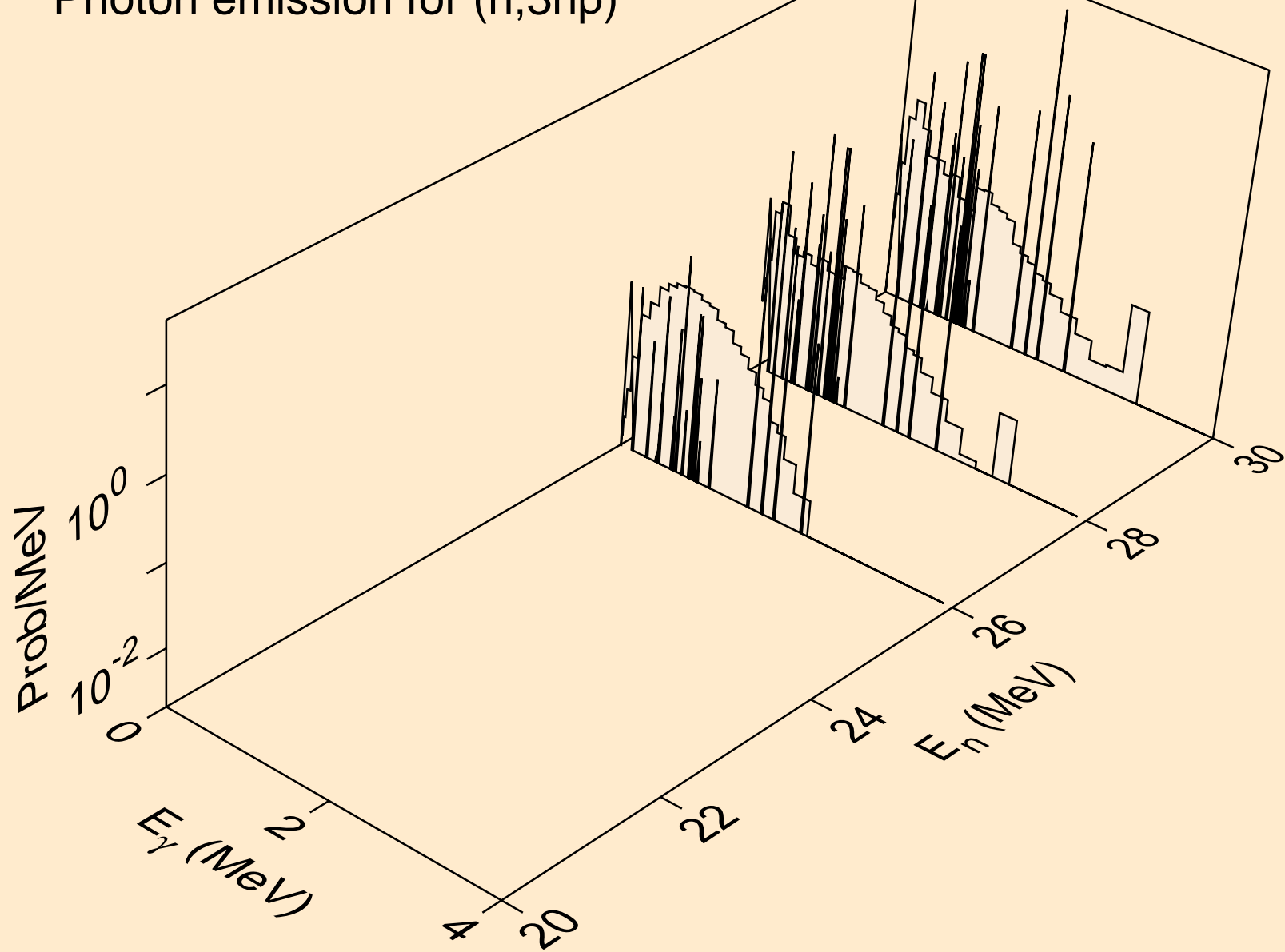
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



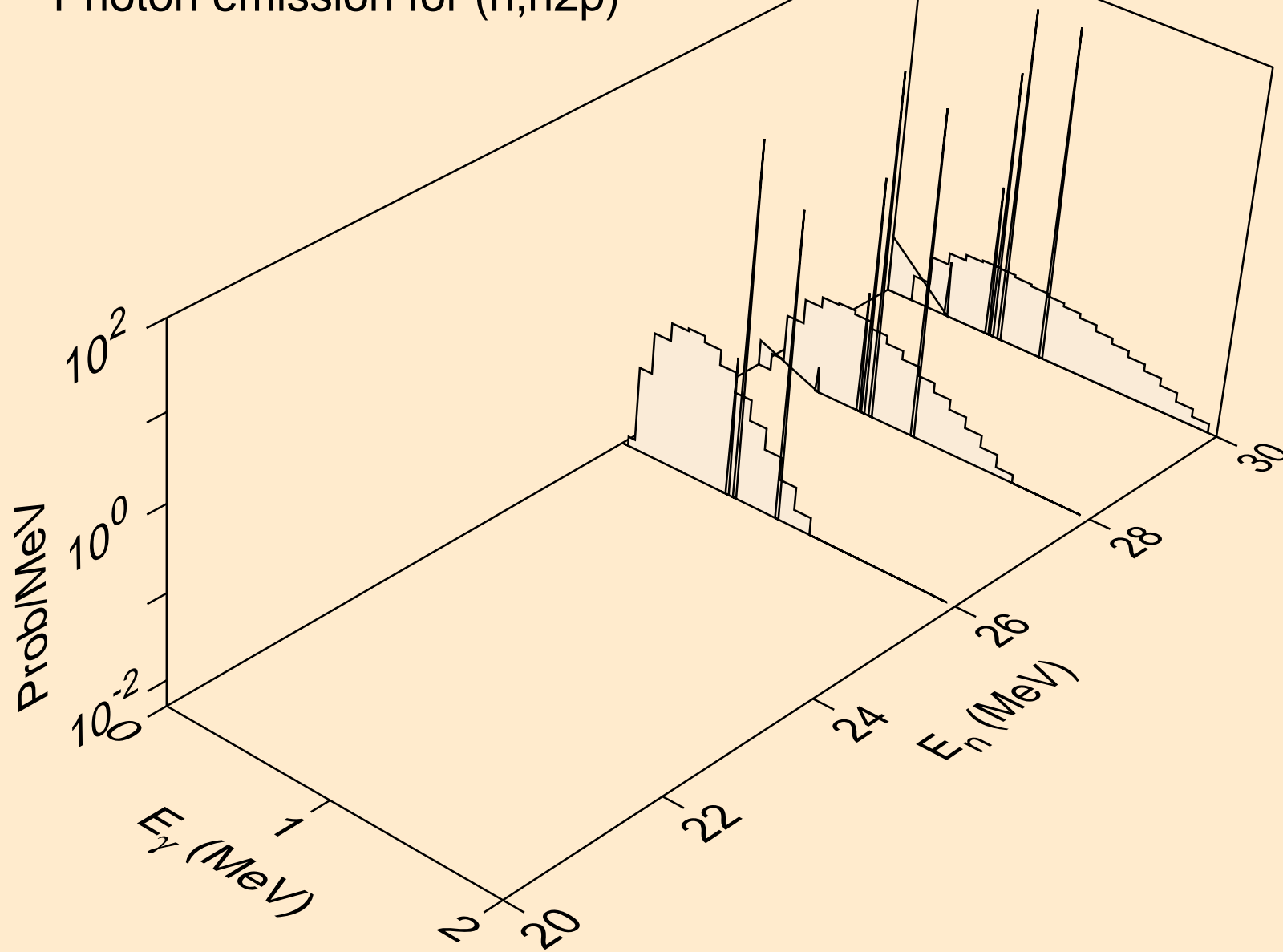
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

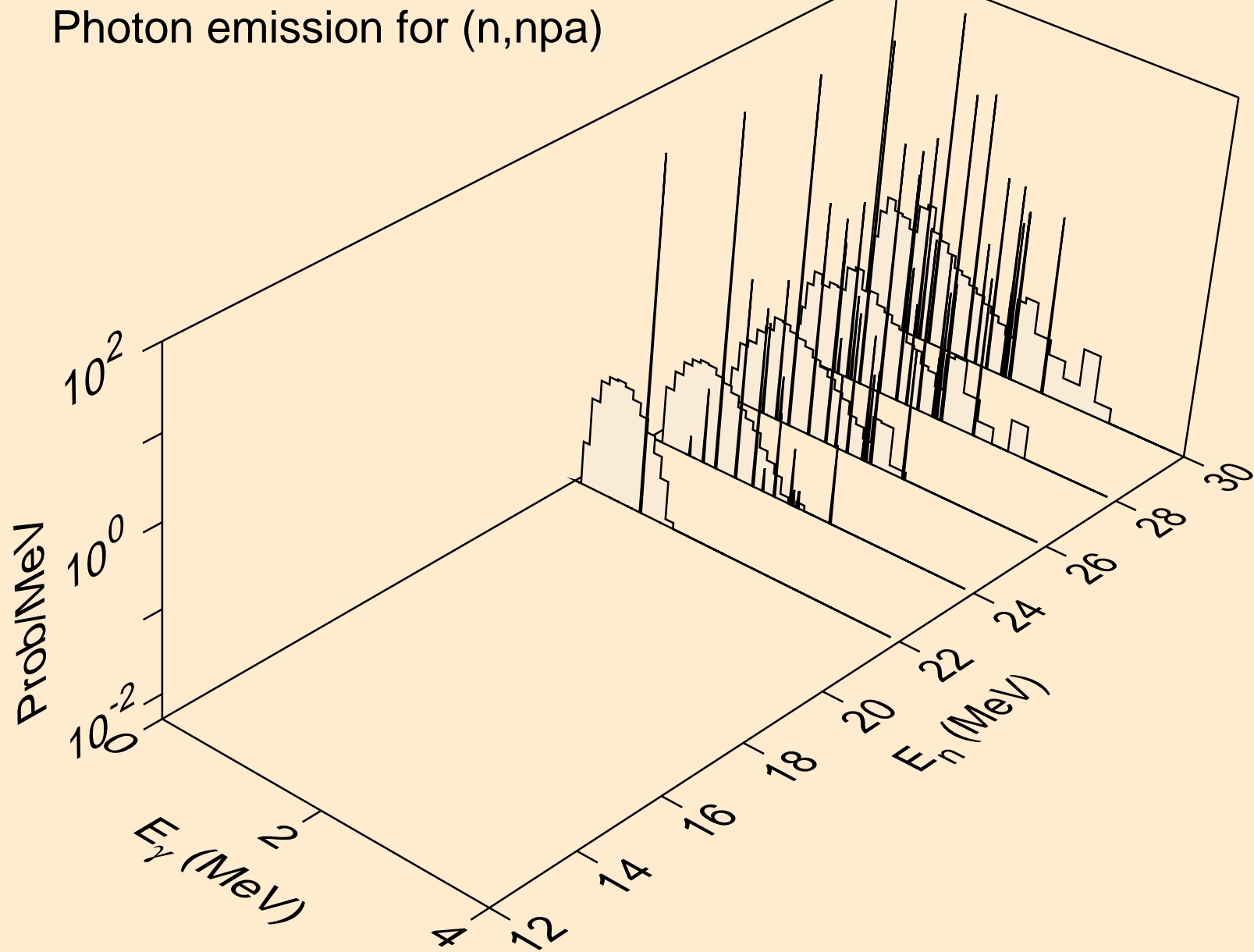


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

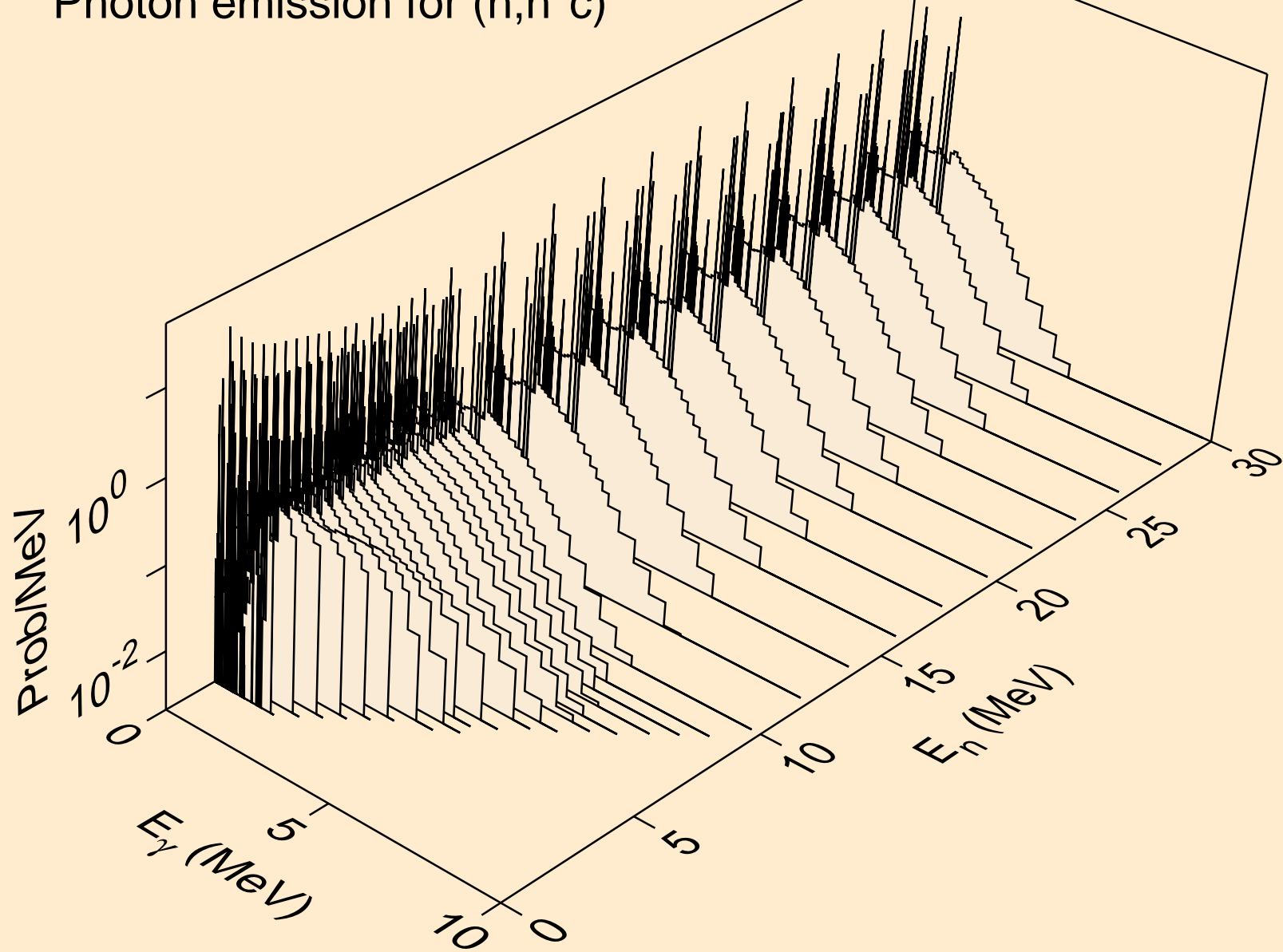




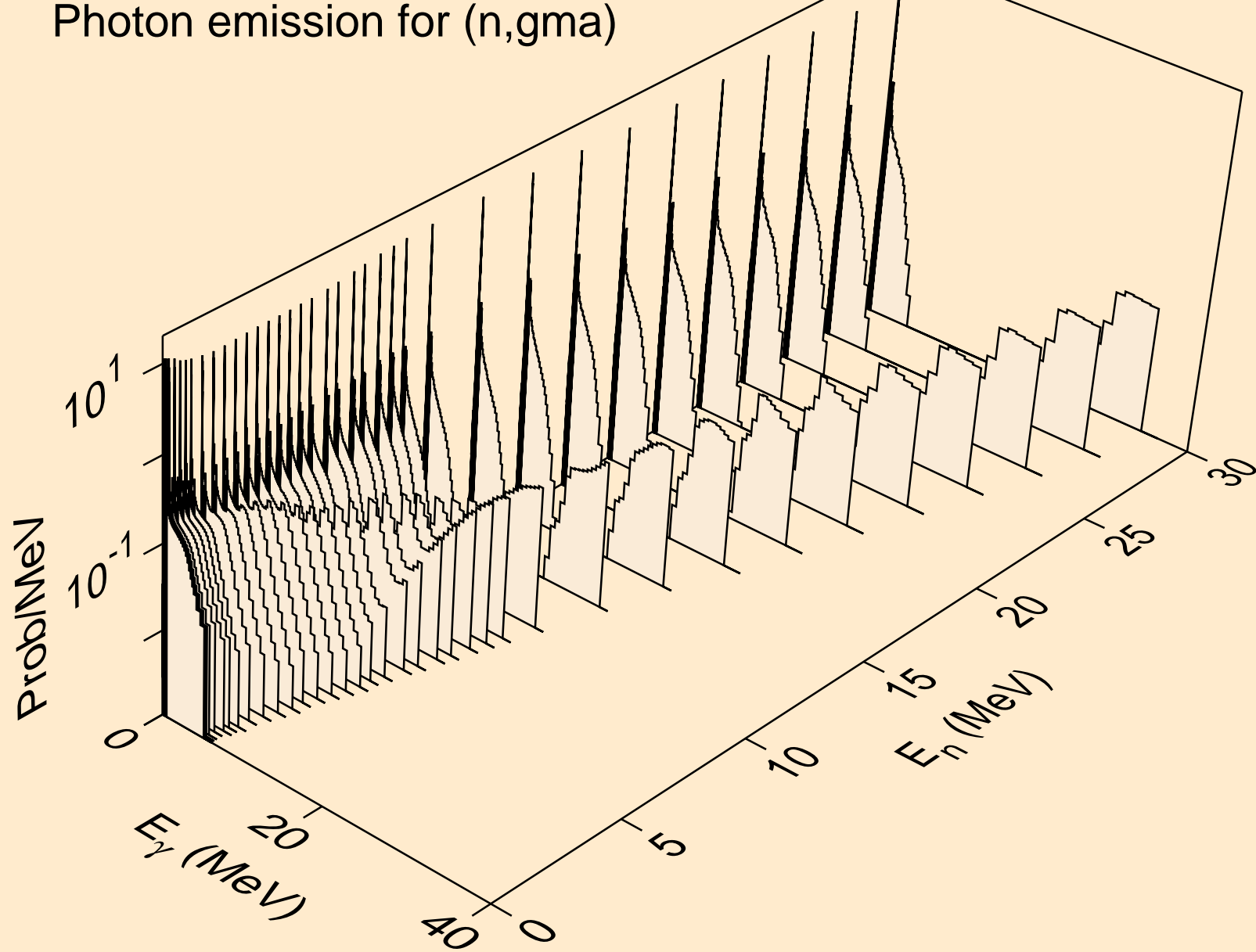
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



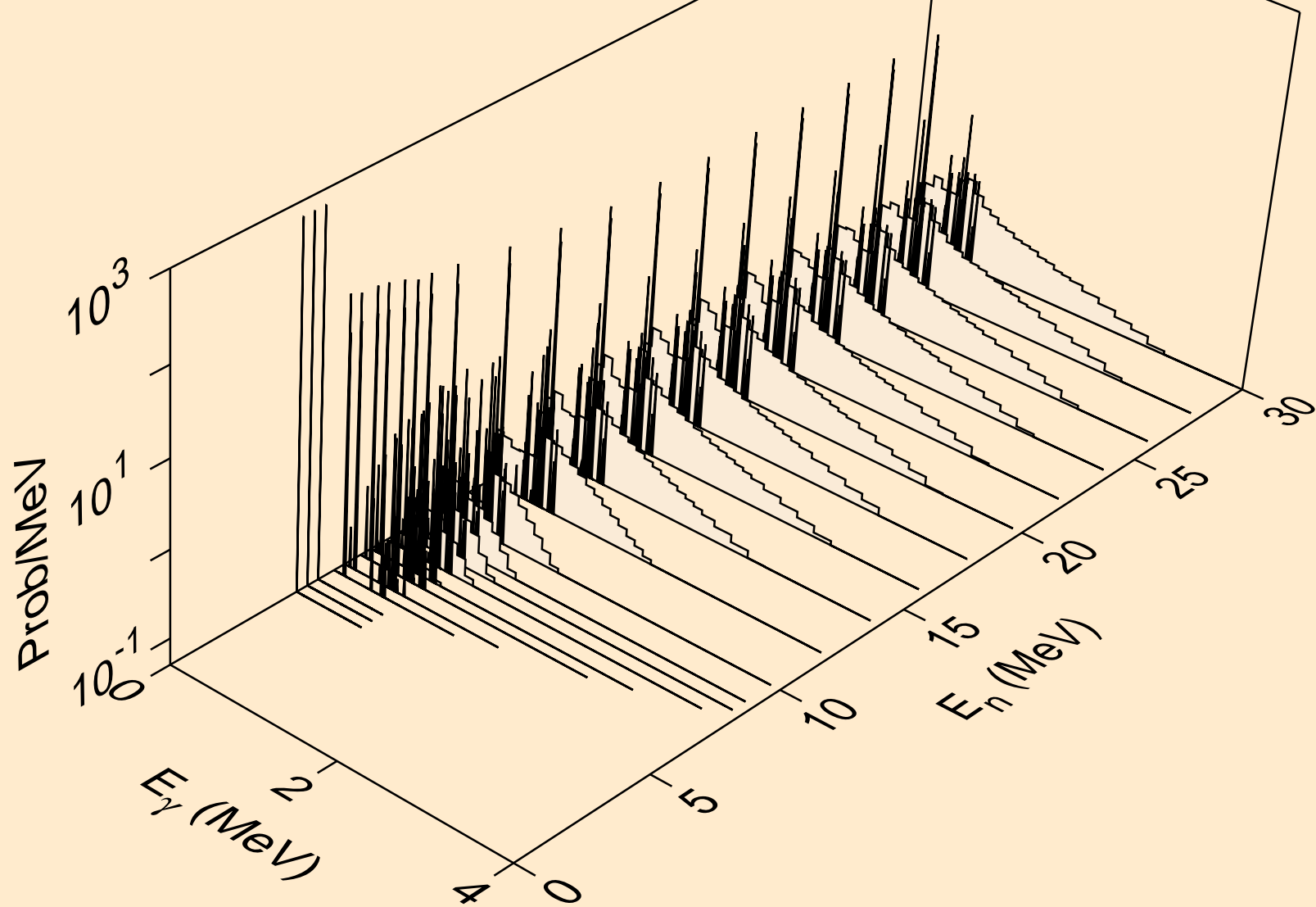
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



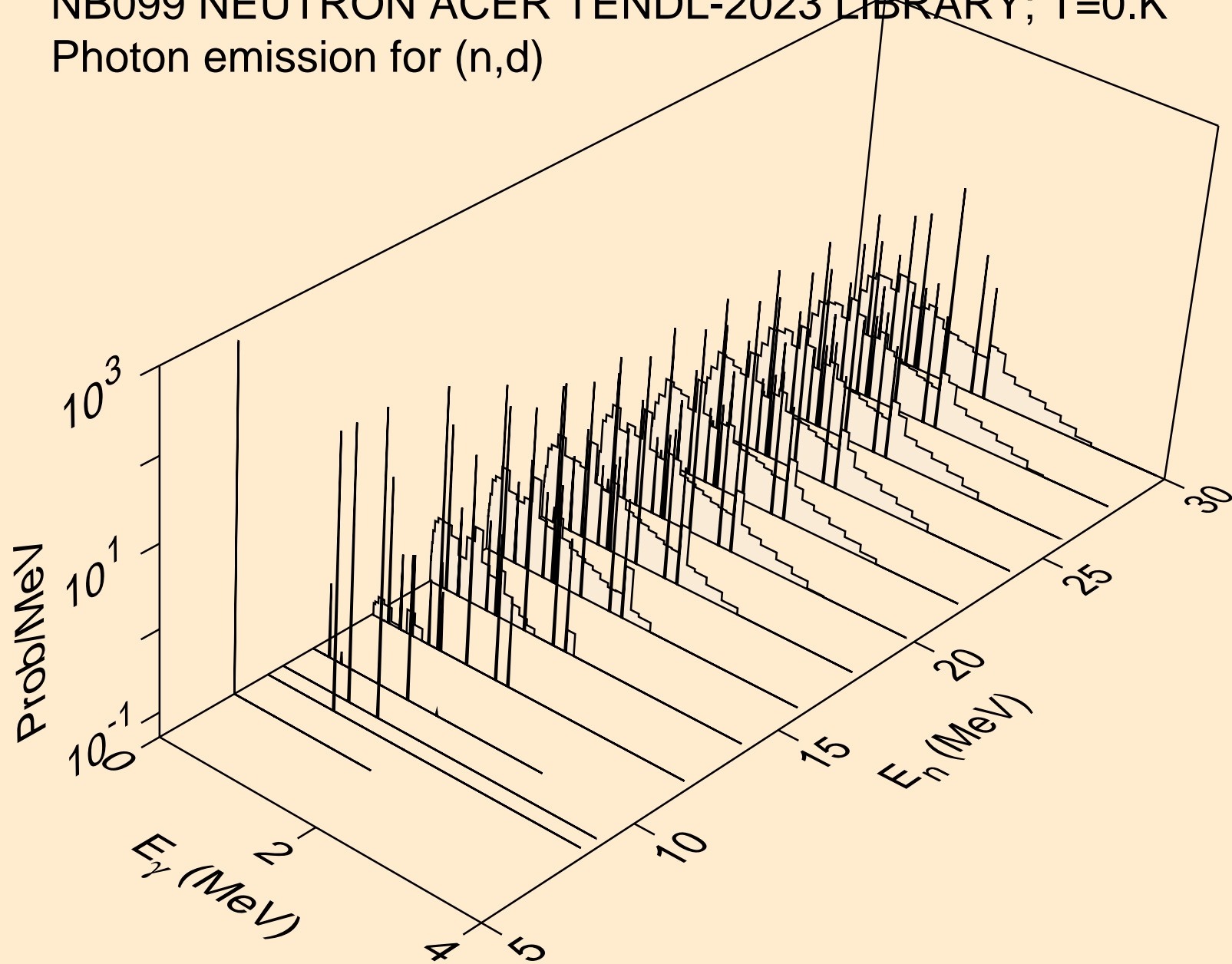
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Photon emission for (n,gma)



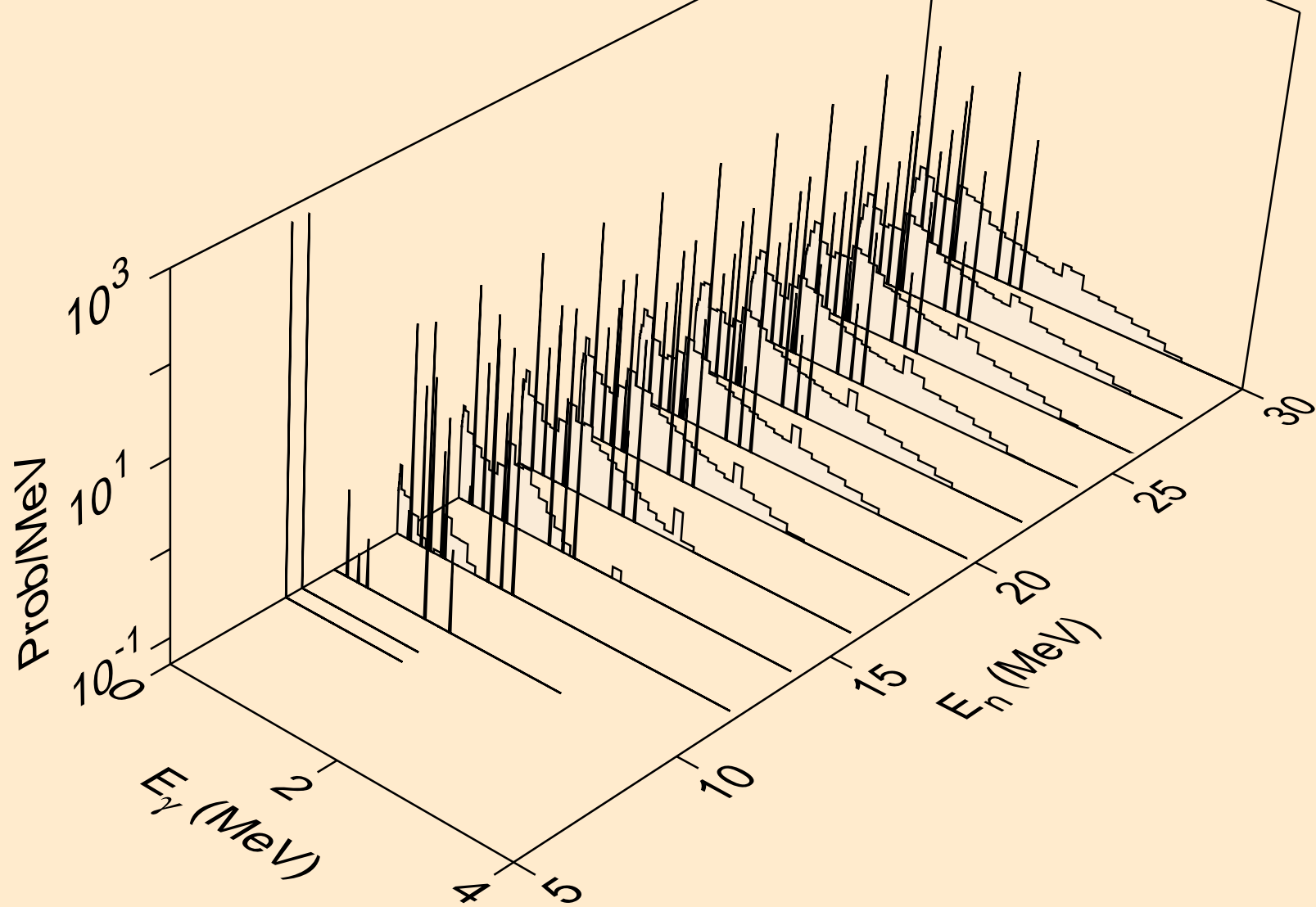
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



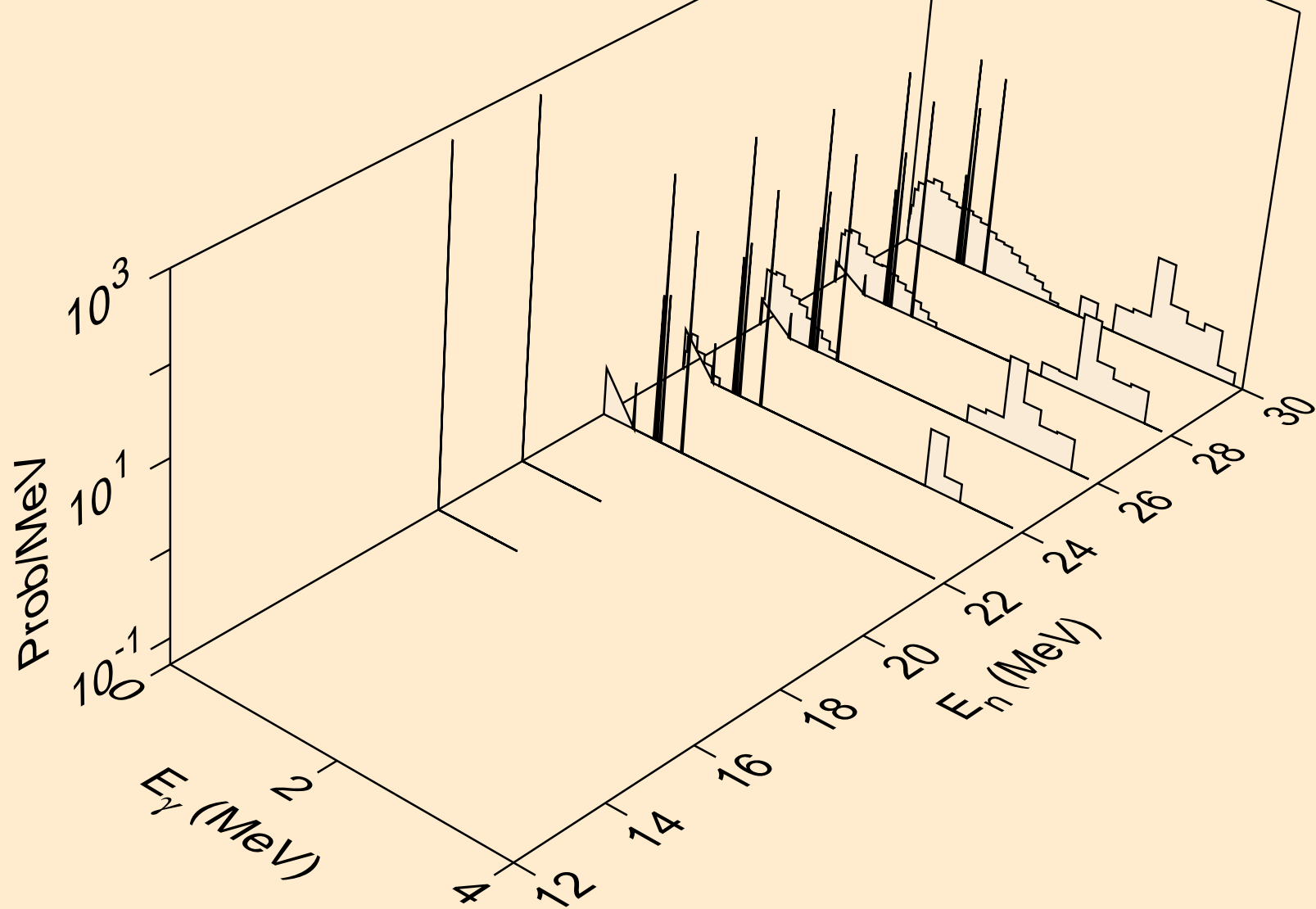
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Photon emission for (n,d)



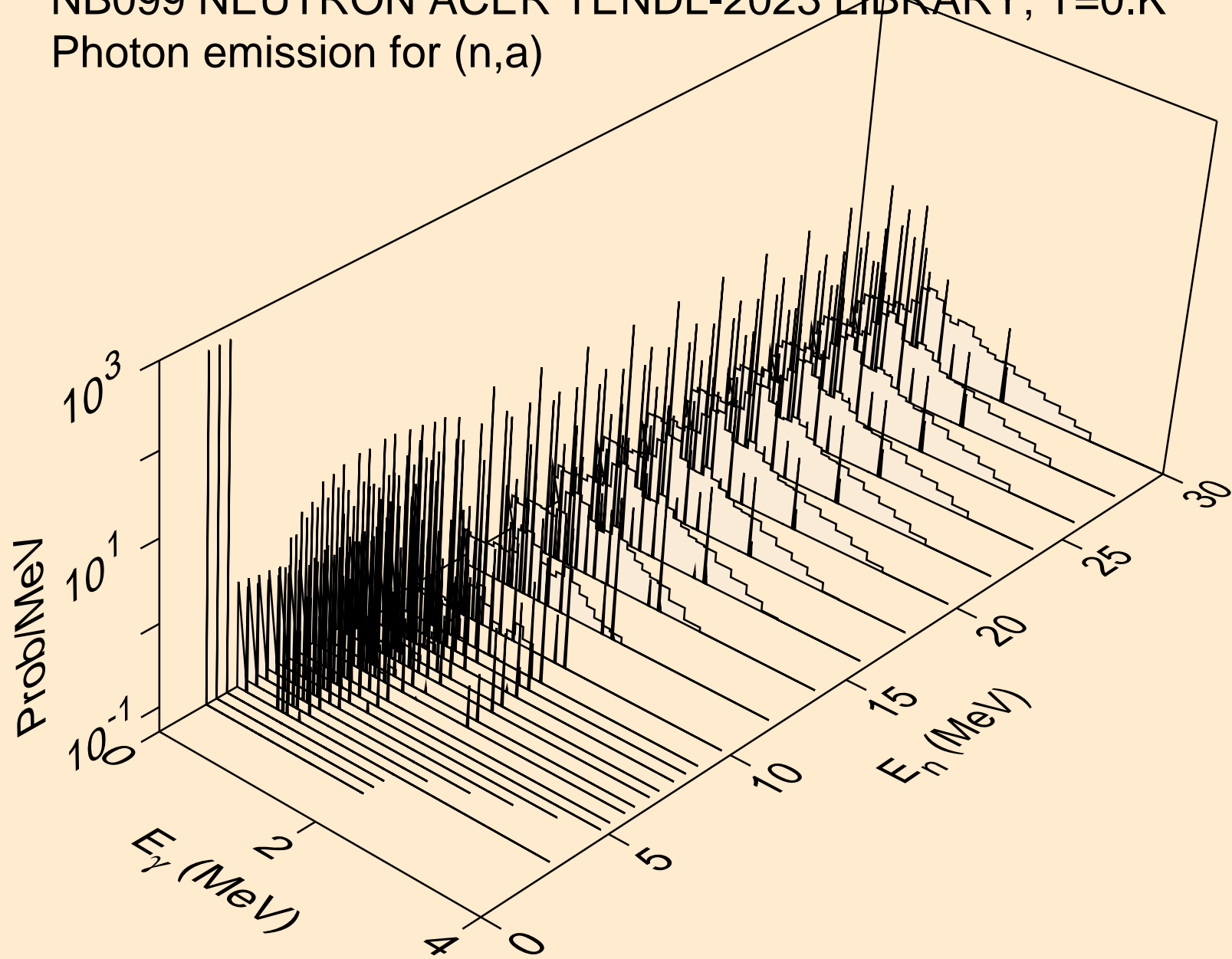
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

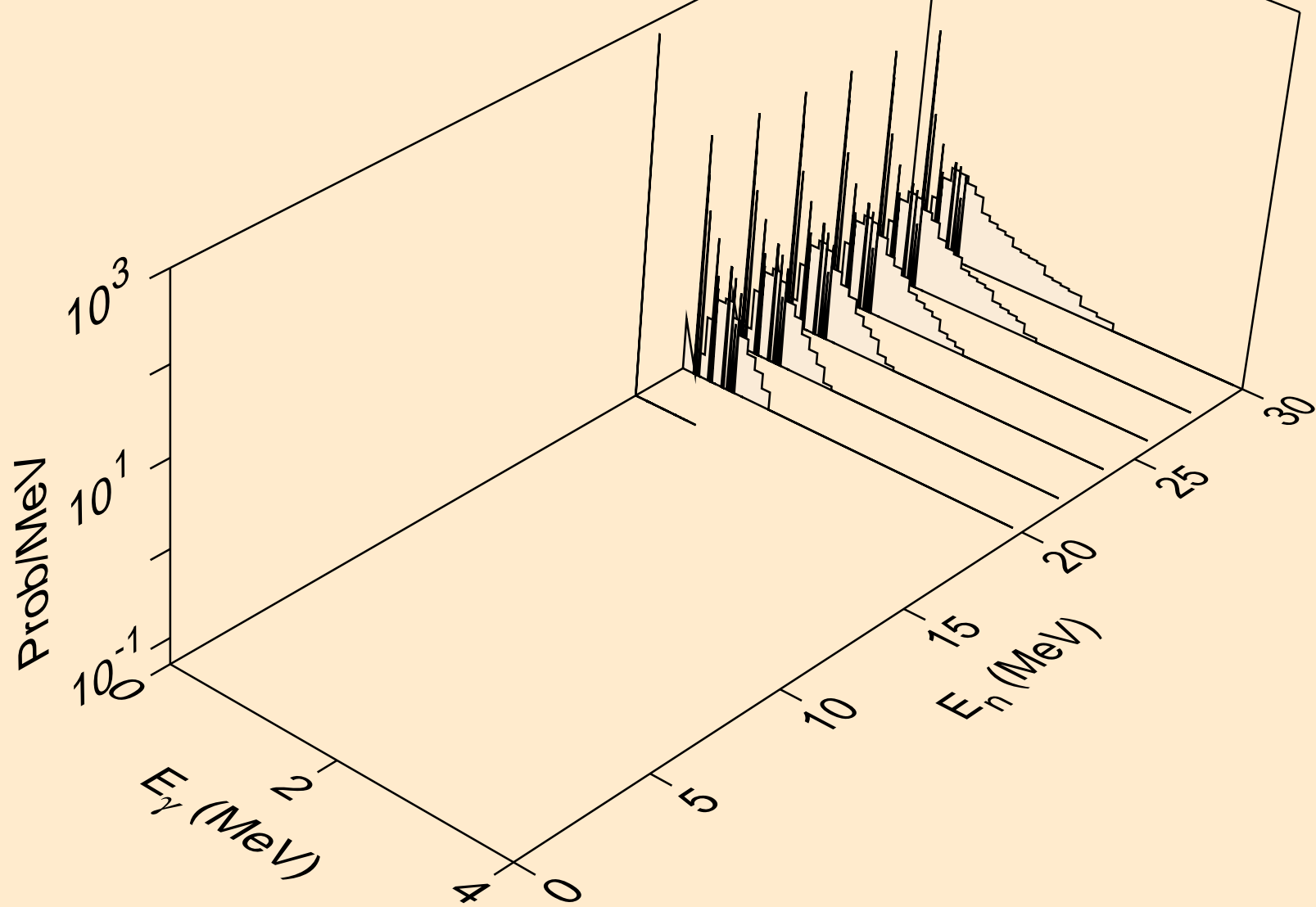


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

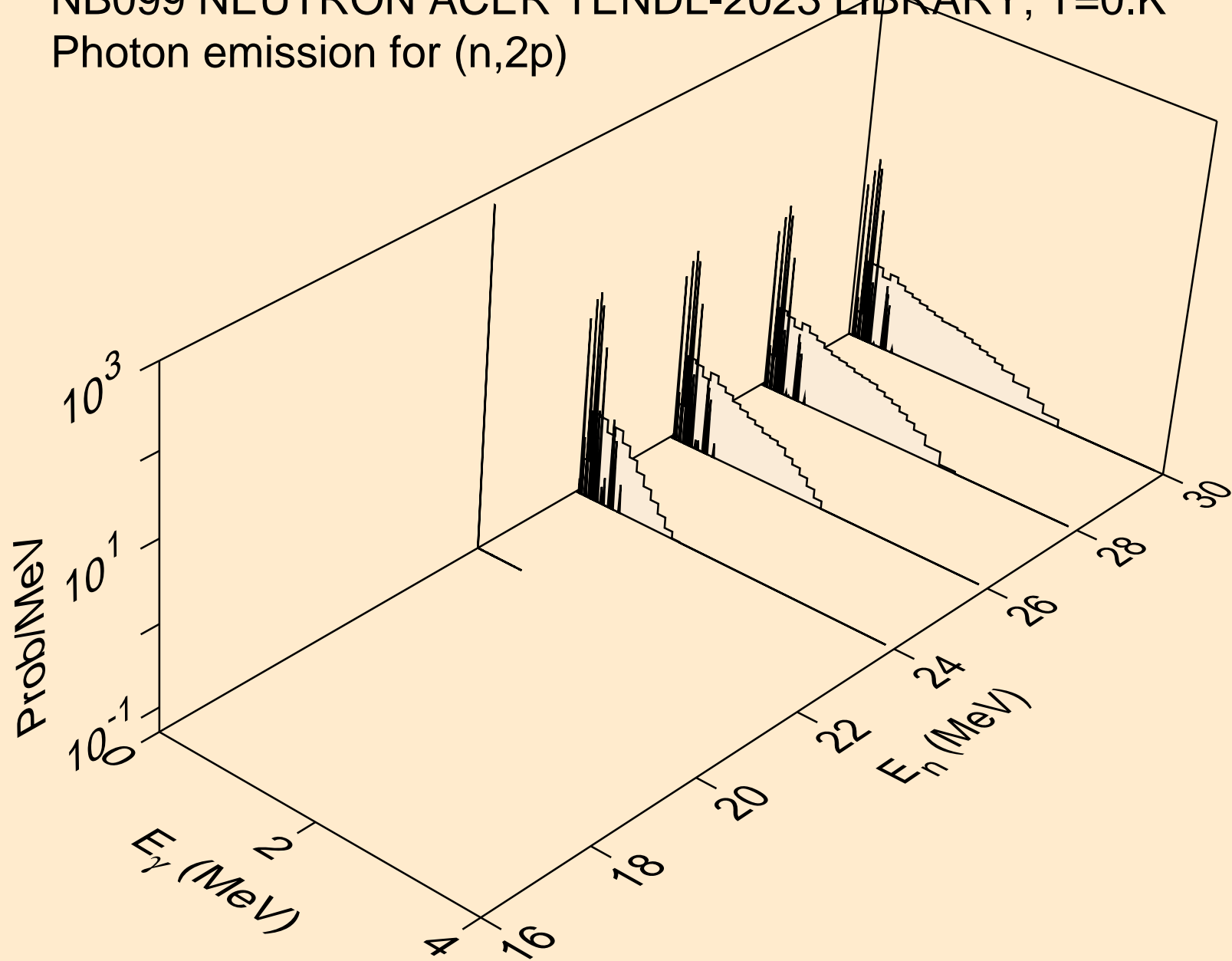




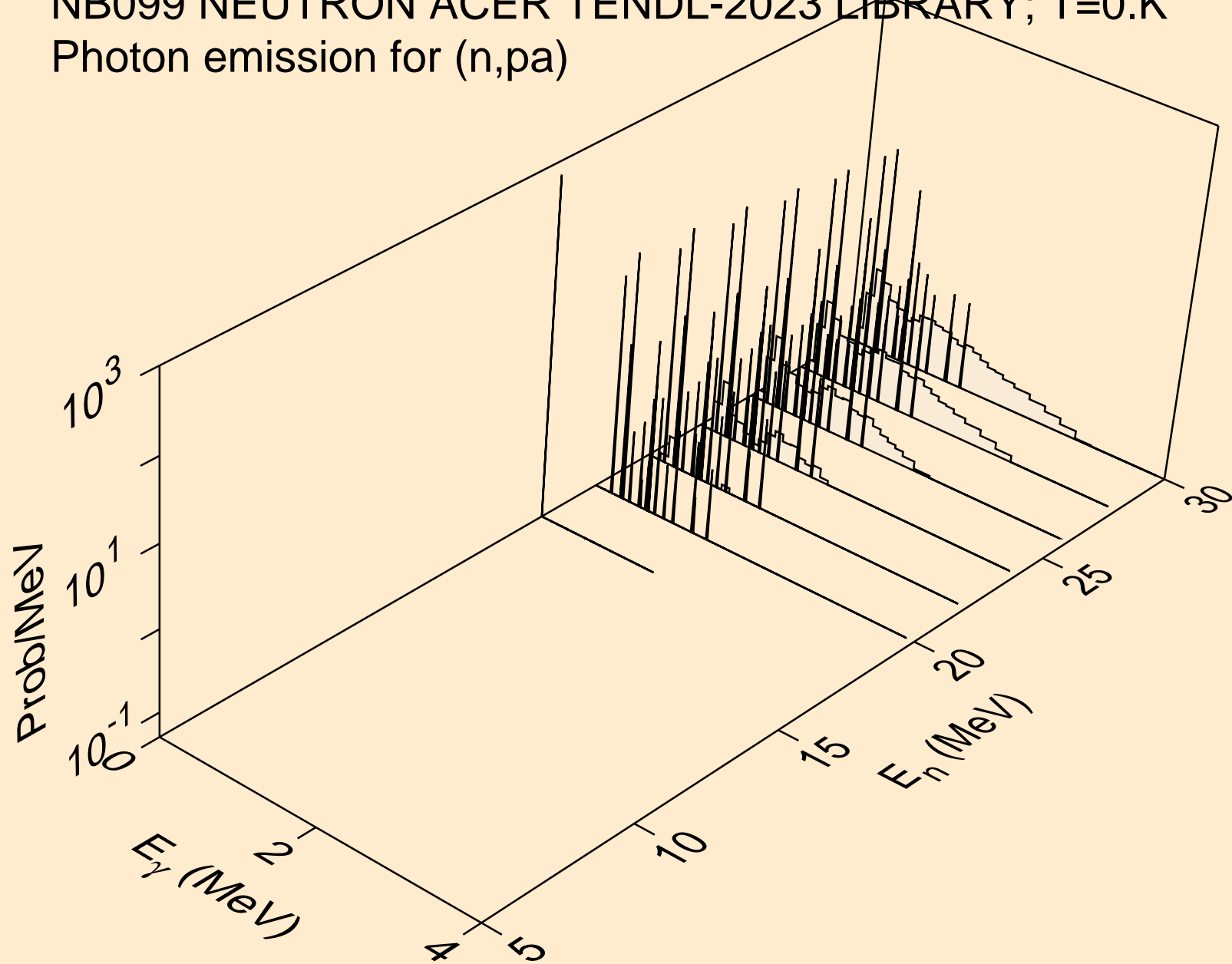
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



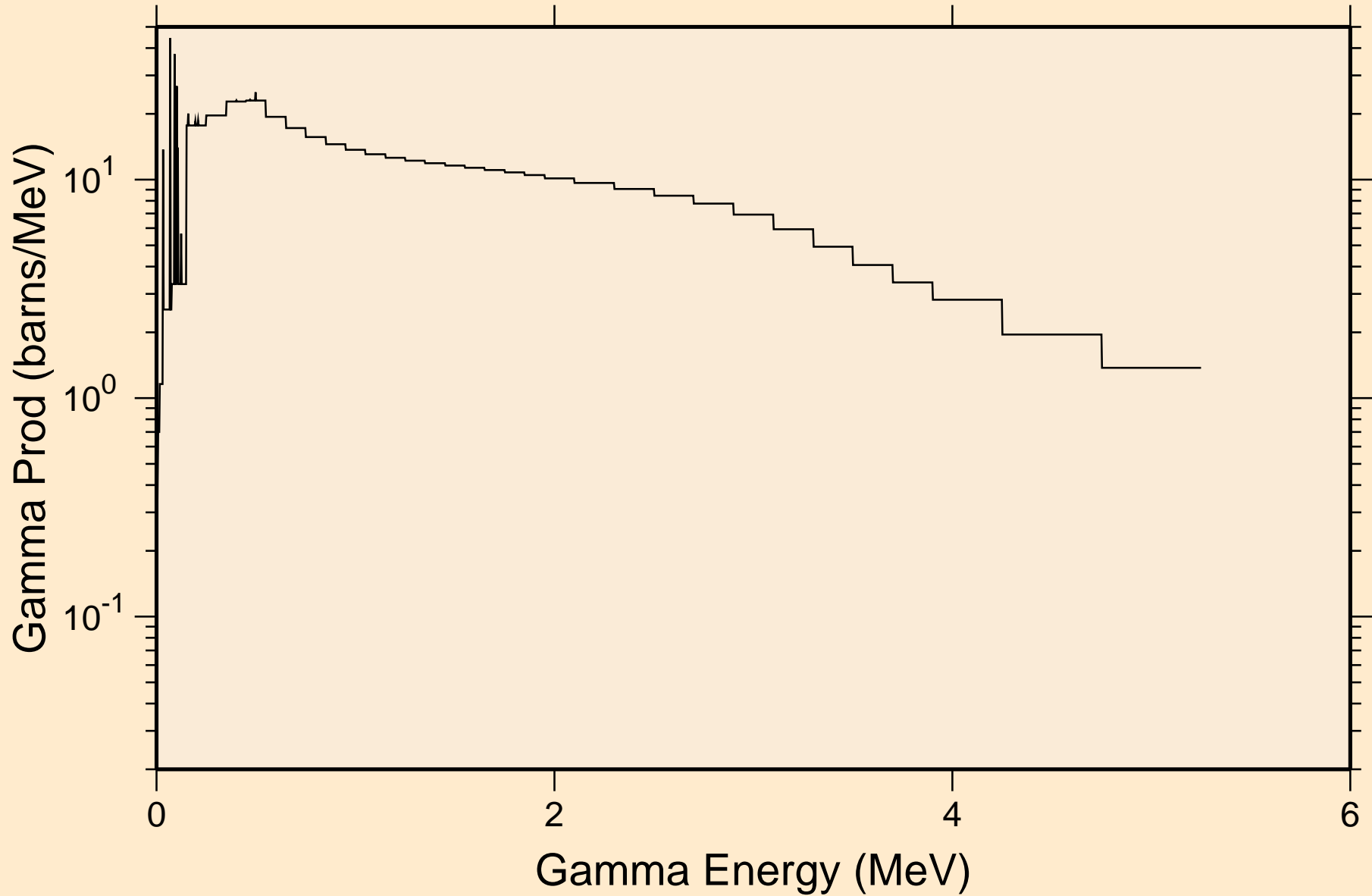
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



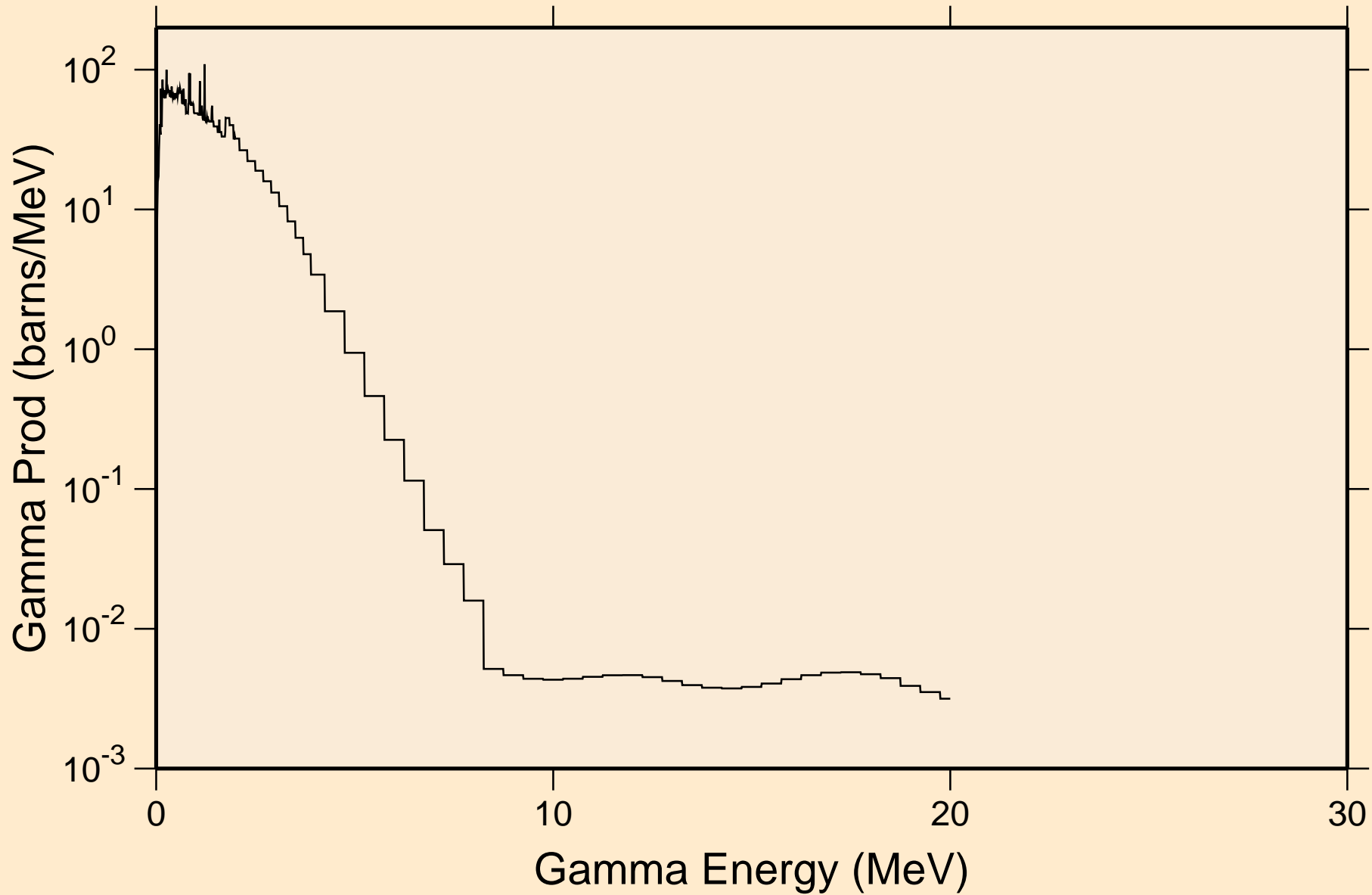
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



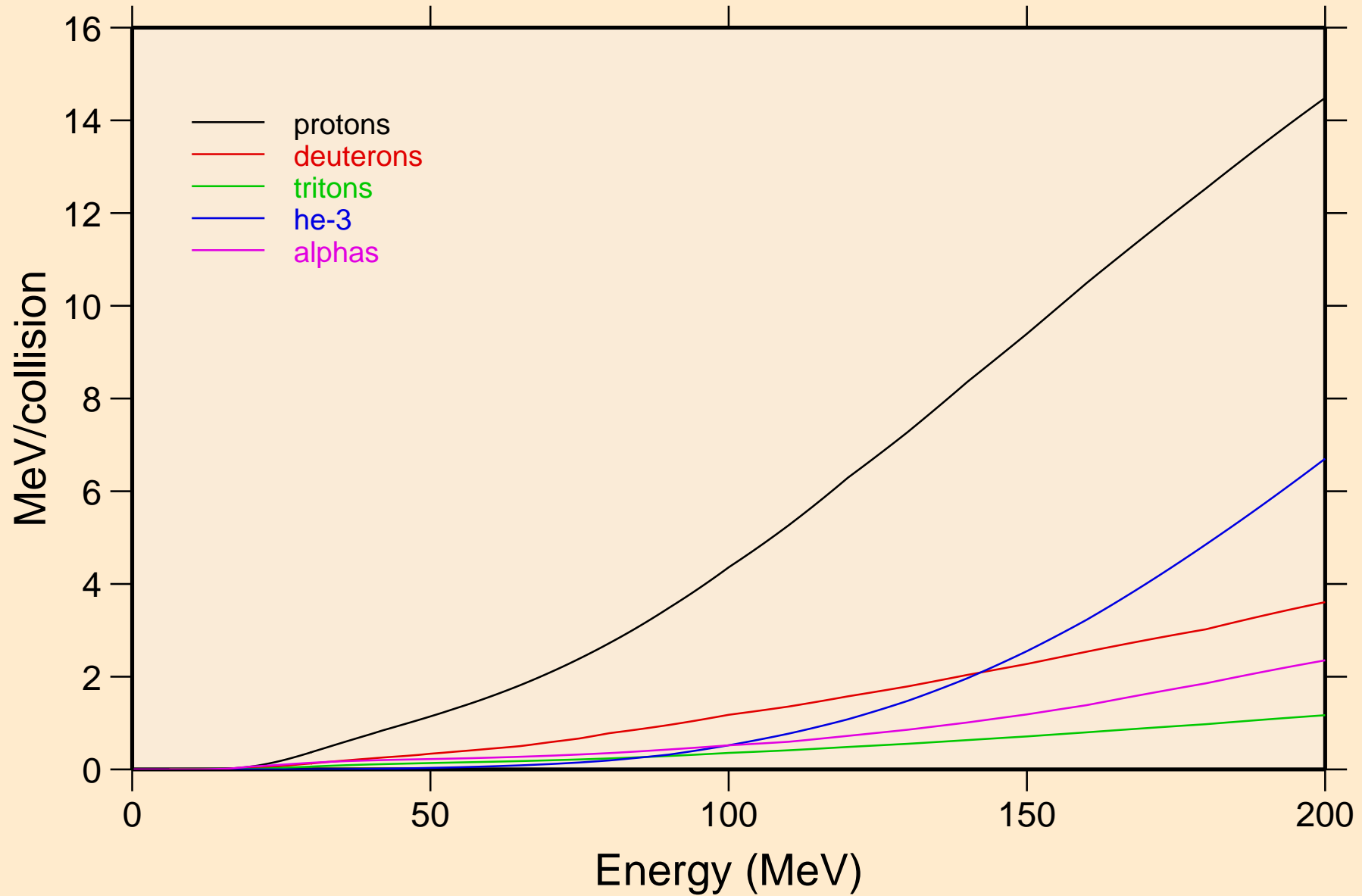
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



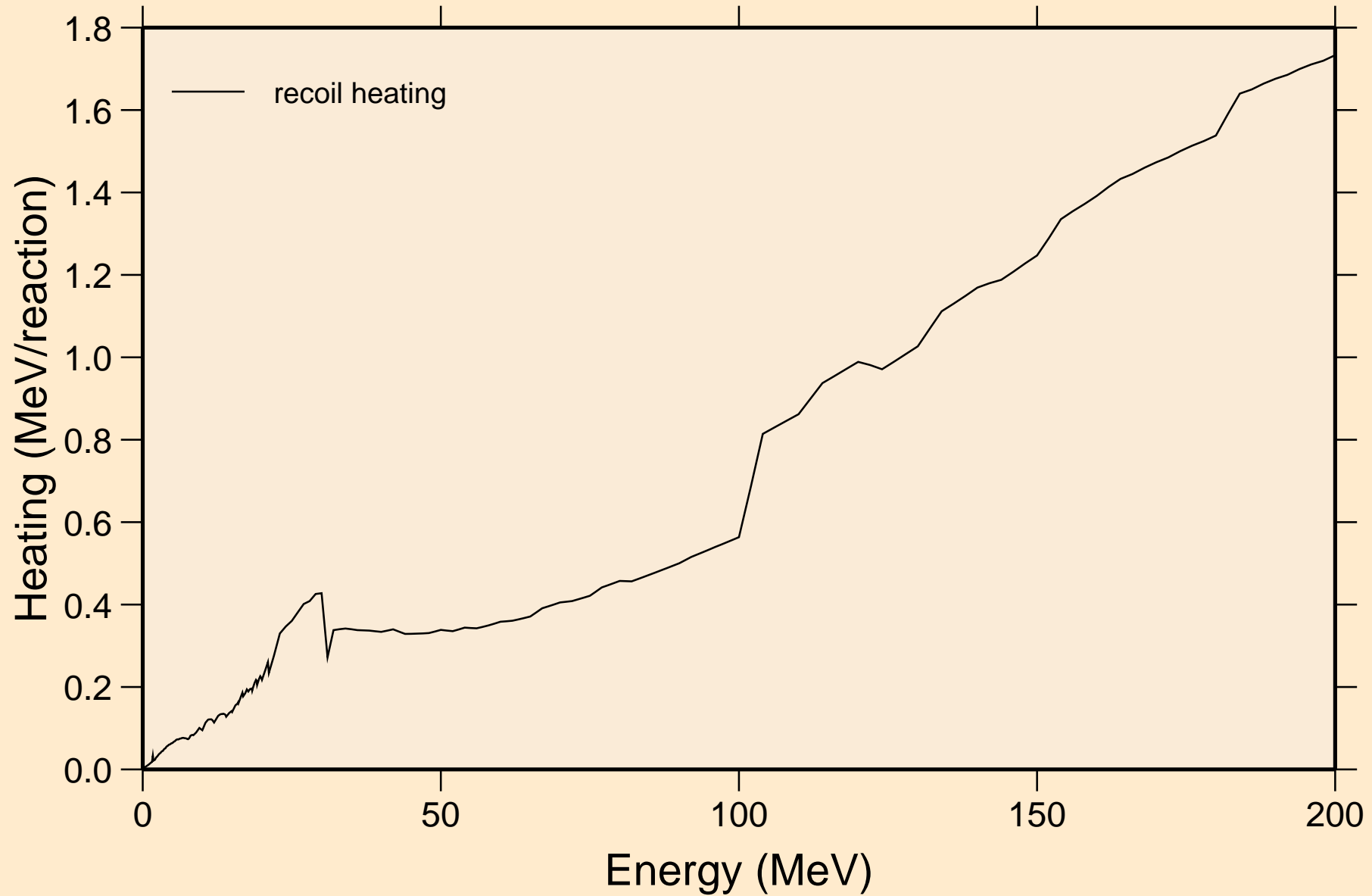
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14 MeV photon spectrum



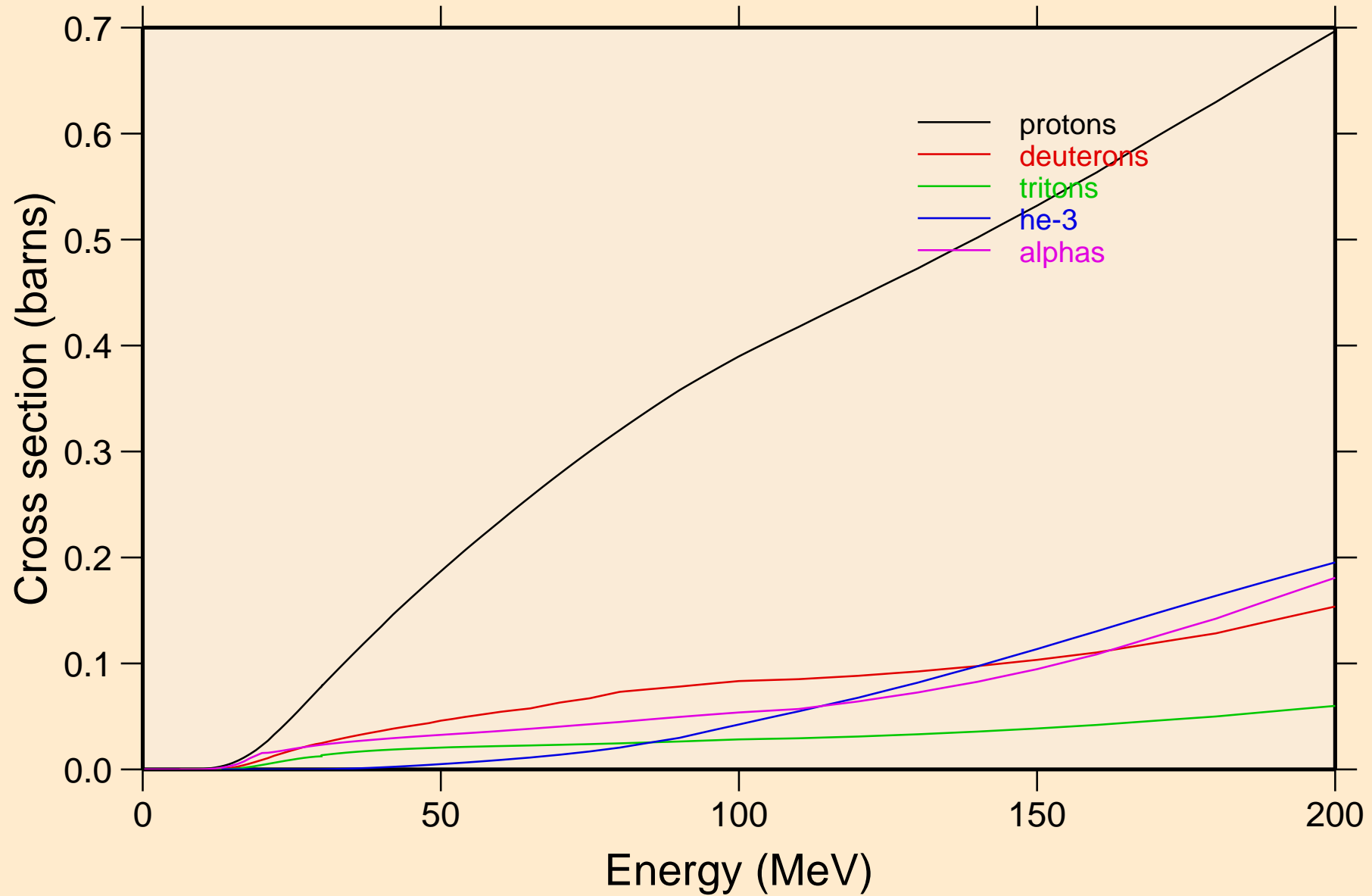
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

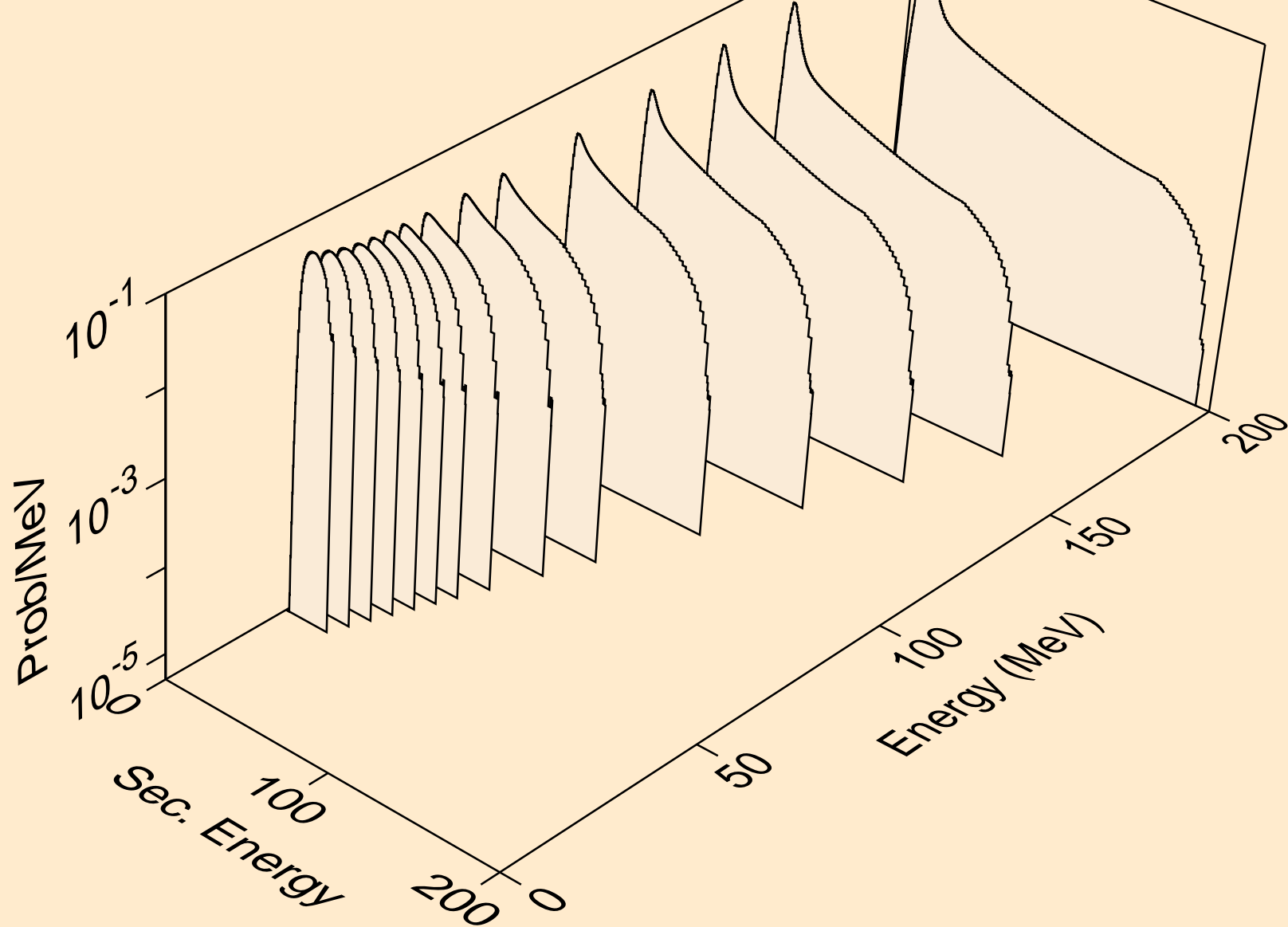


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

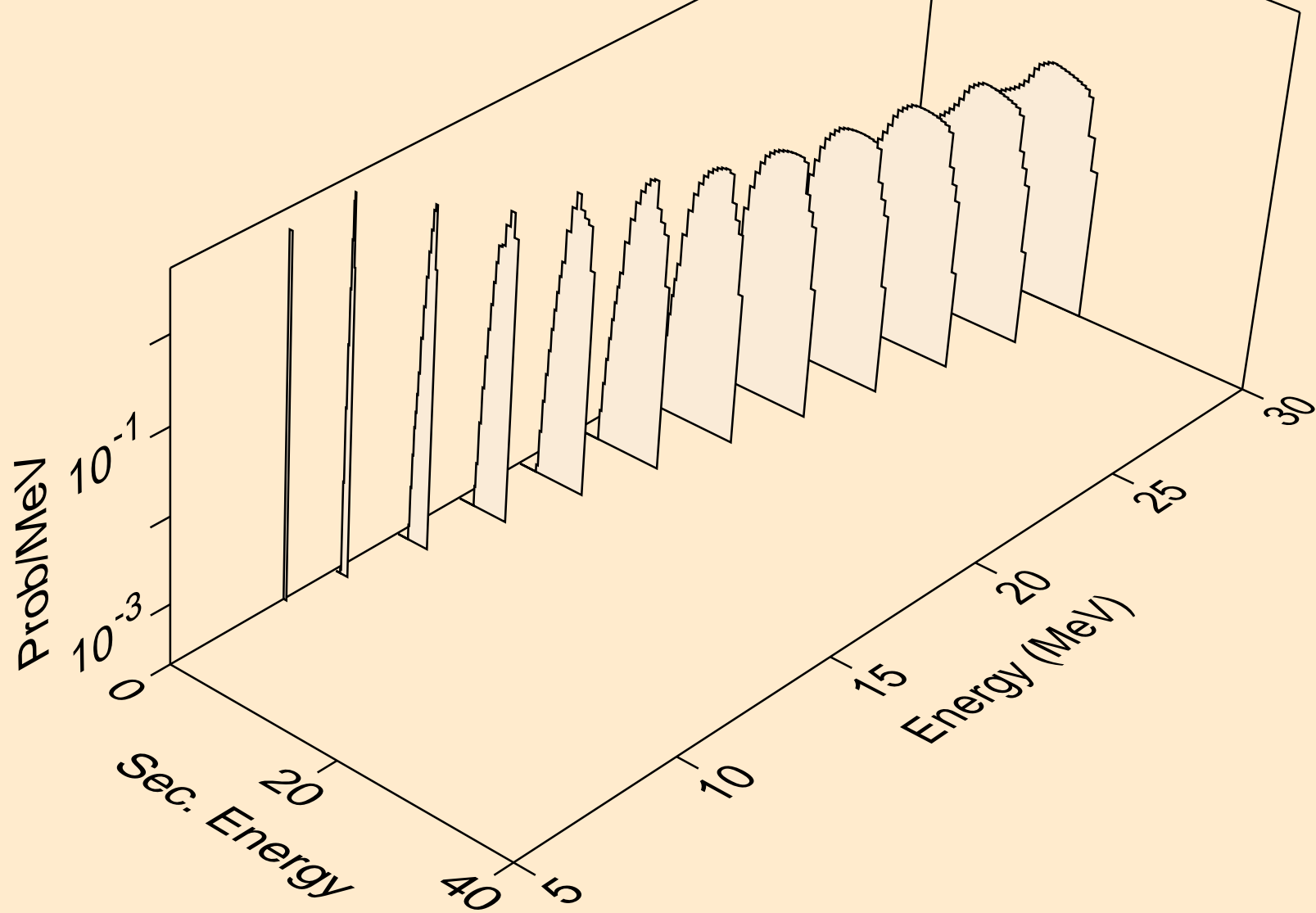




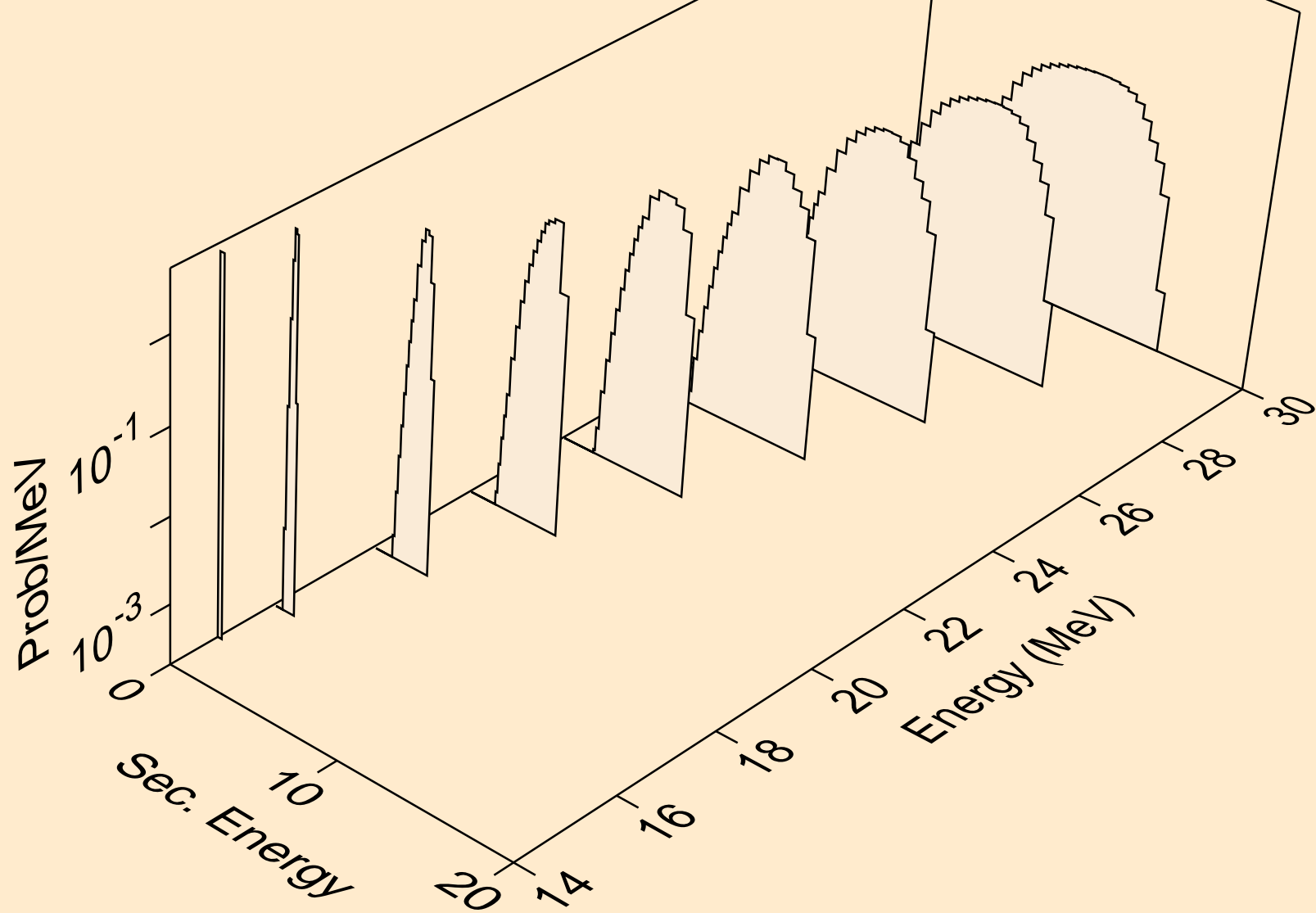
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



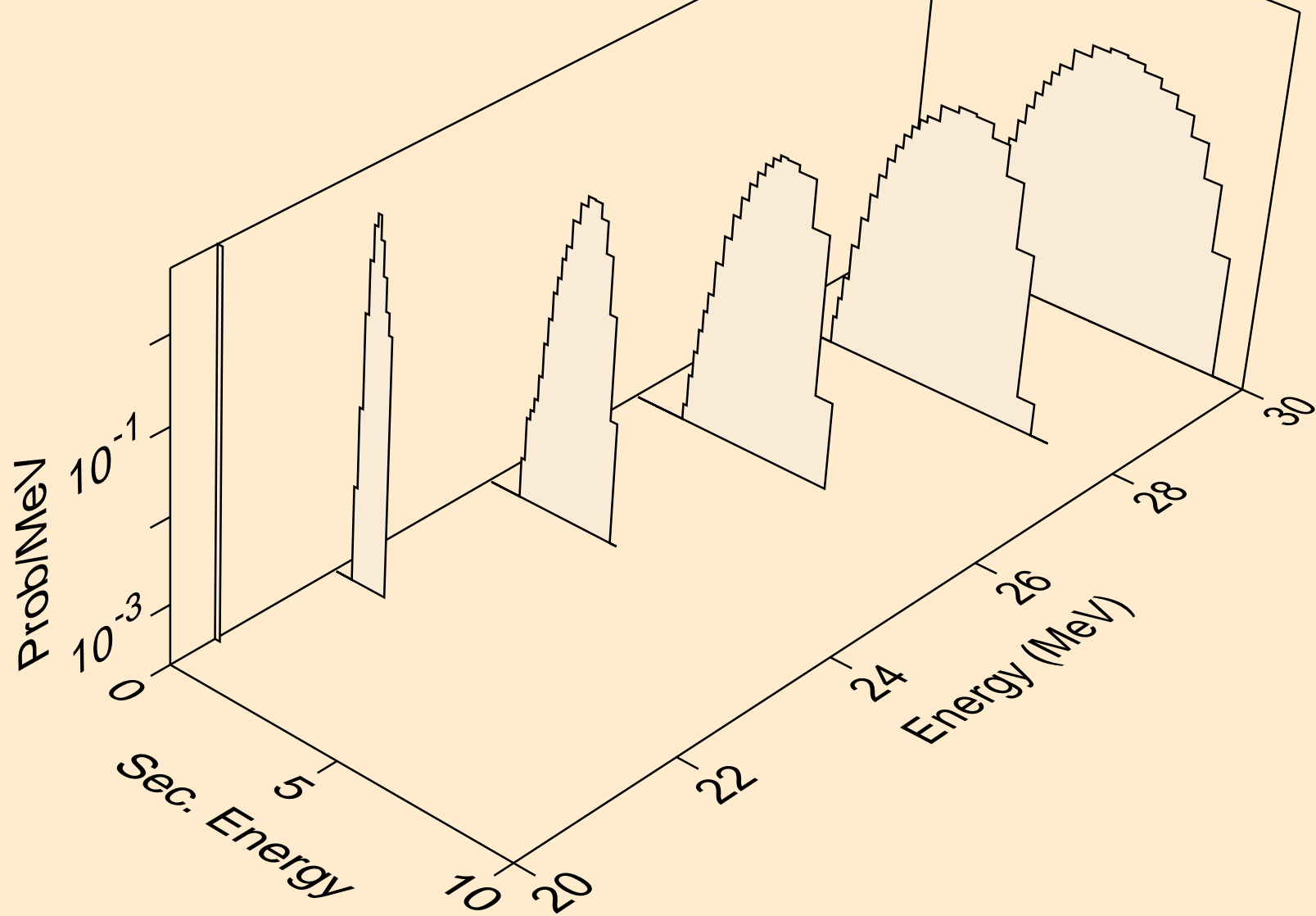
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protons from (n,n\*)p



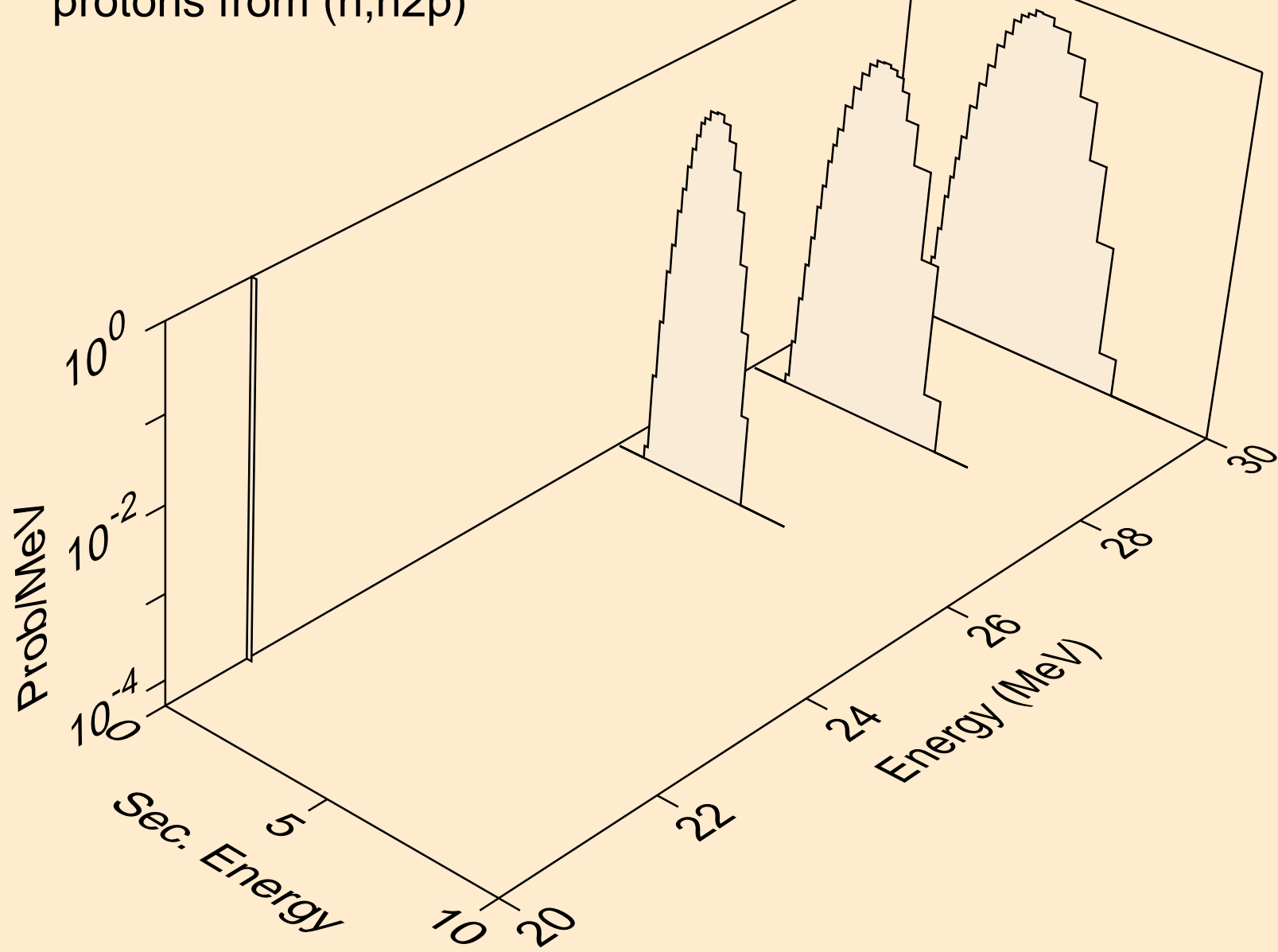
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protons from (n,2np)



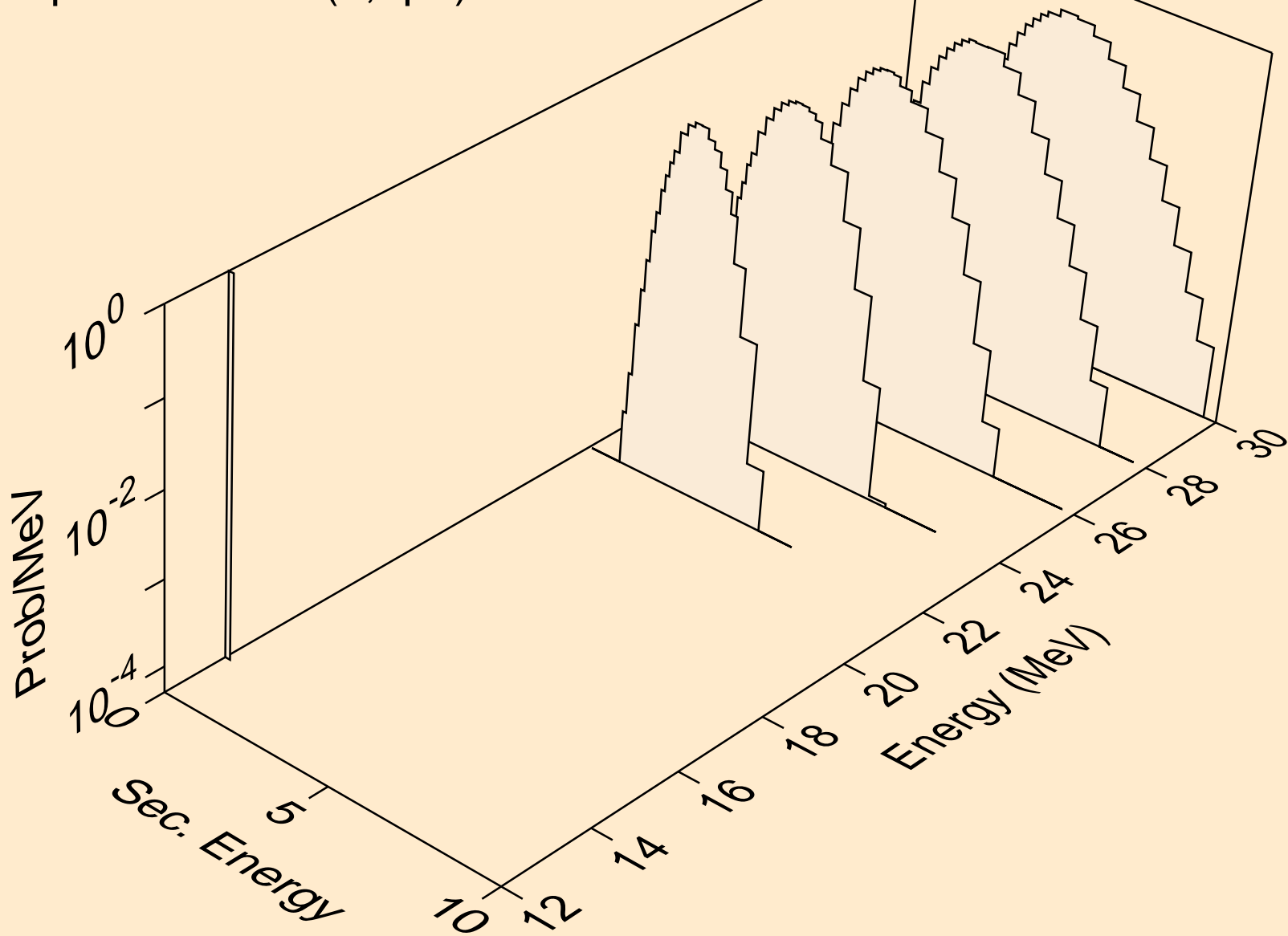
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protons from (n,3np)



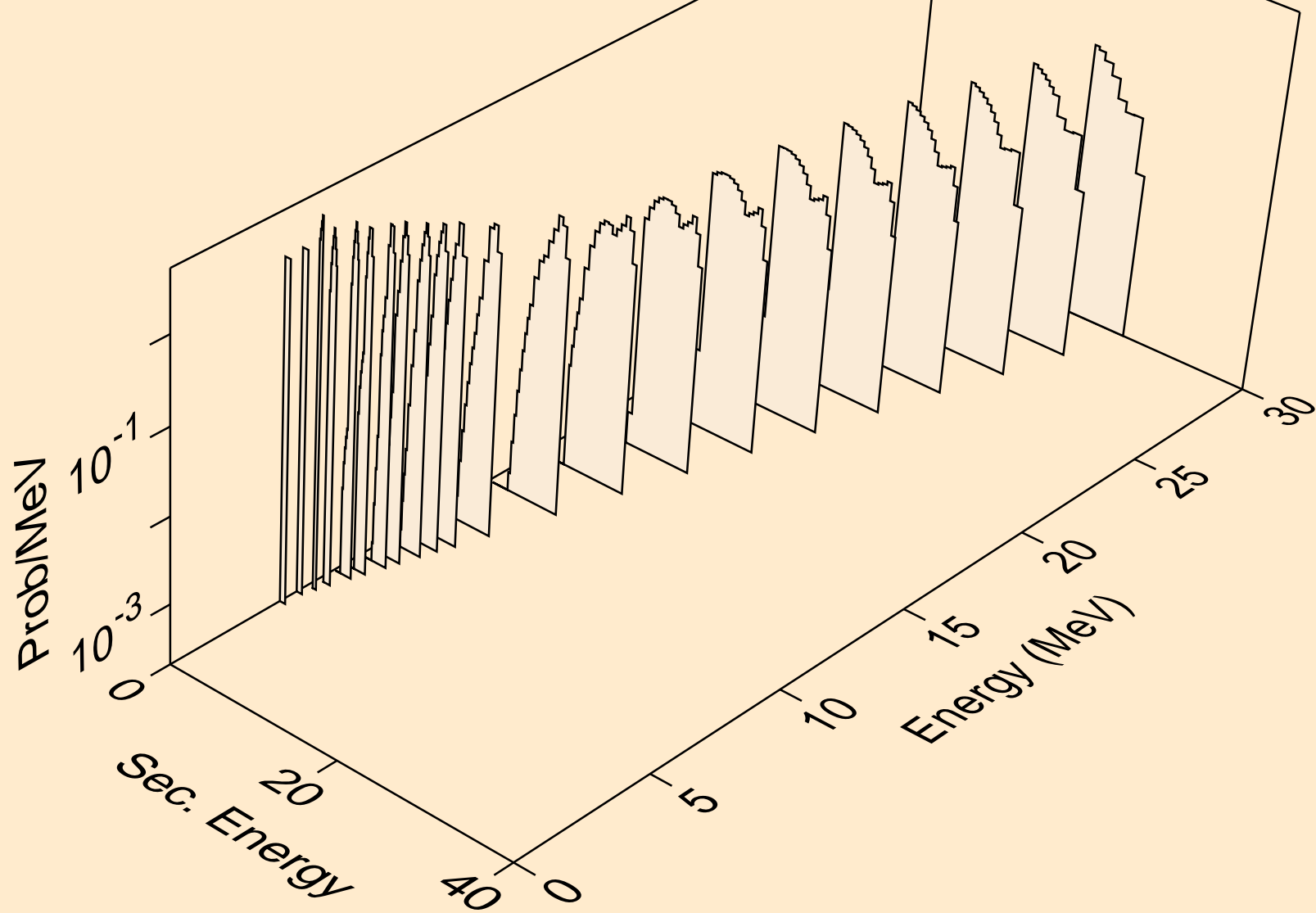
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protons from (n,n2p)



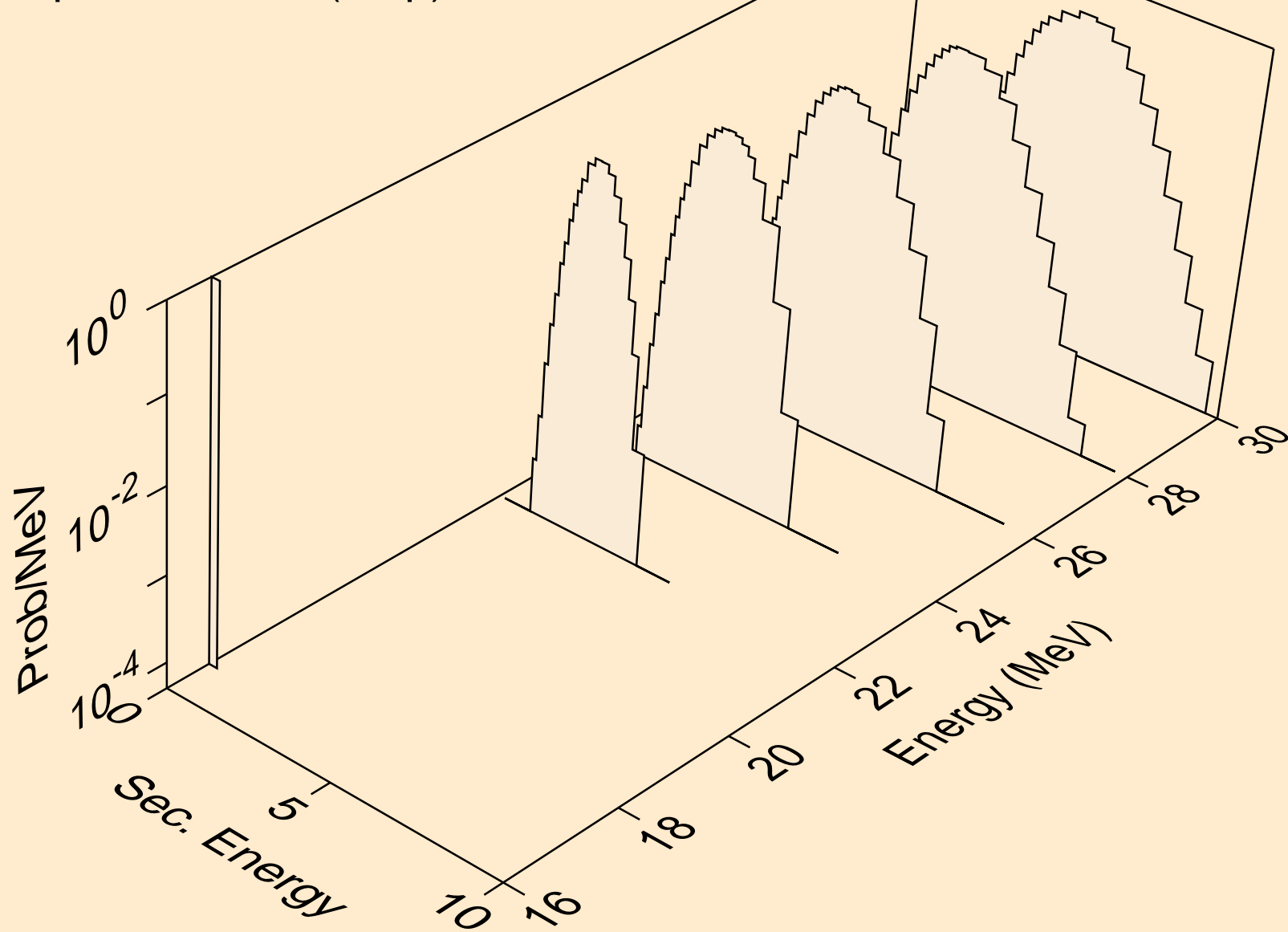
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

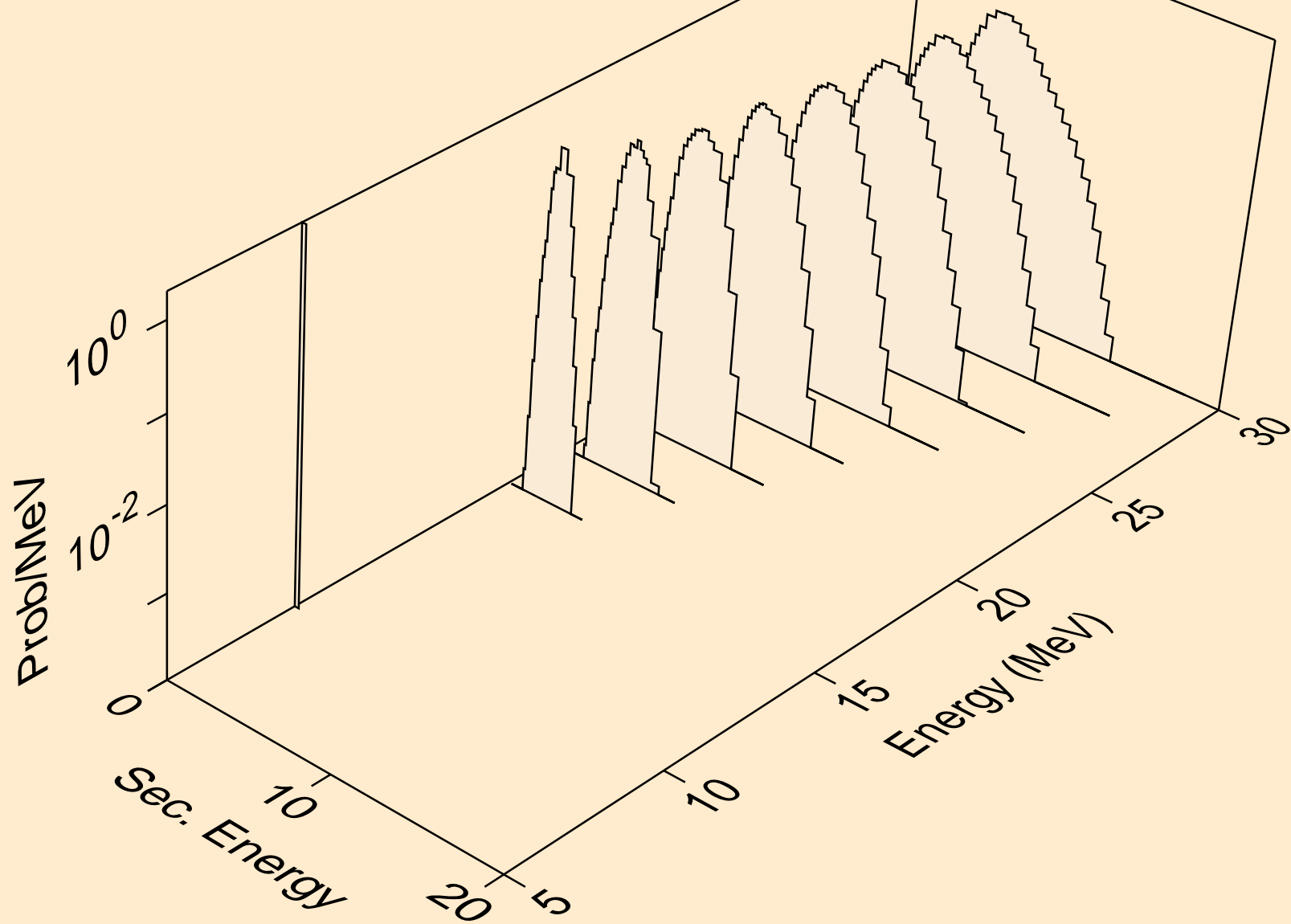


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protons from (n,2p)

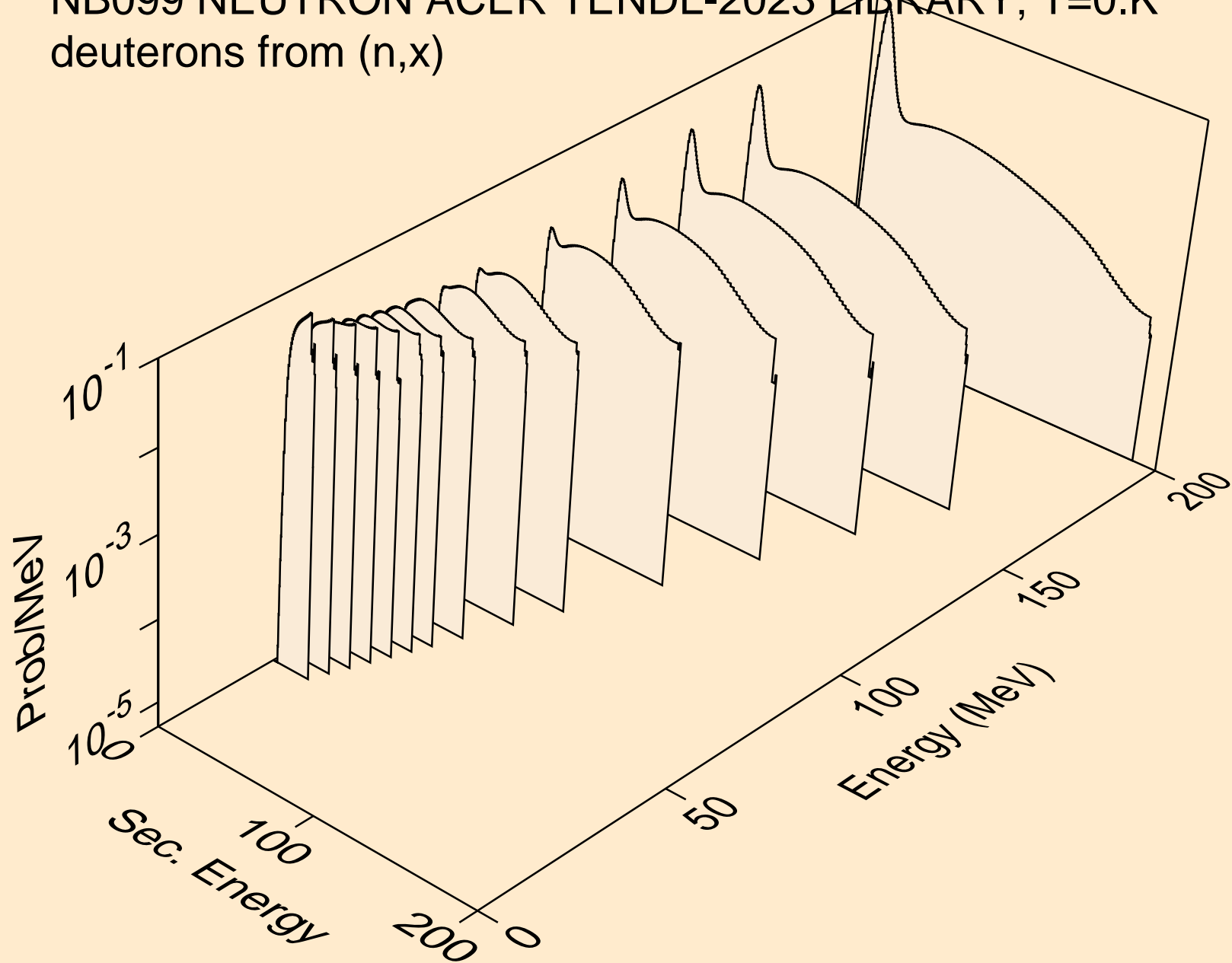




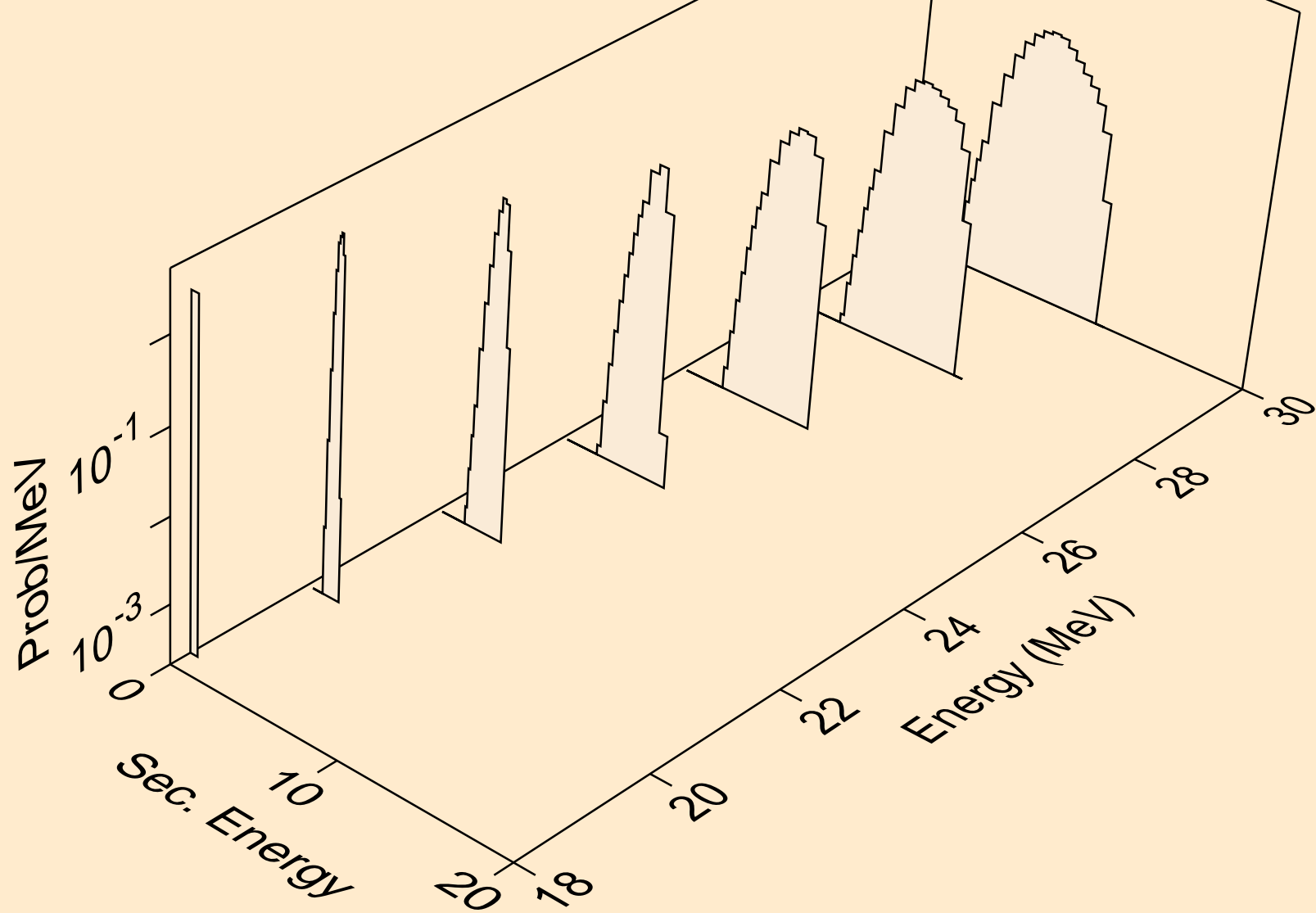
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protons from (n,p)



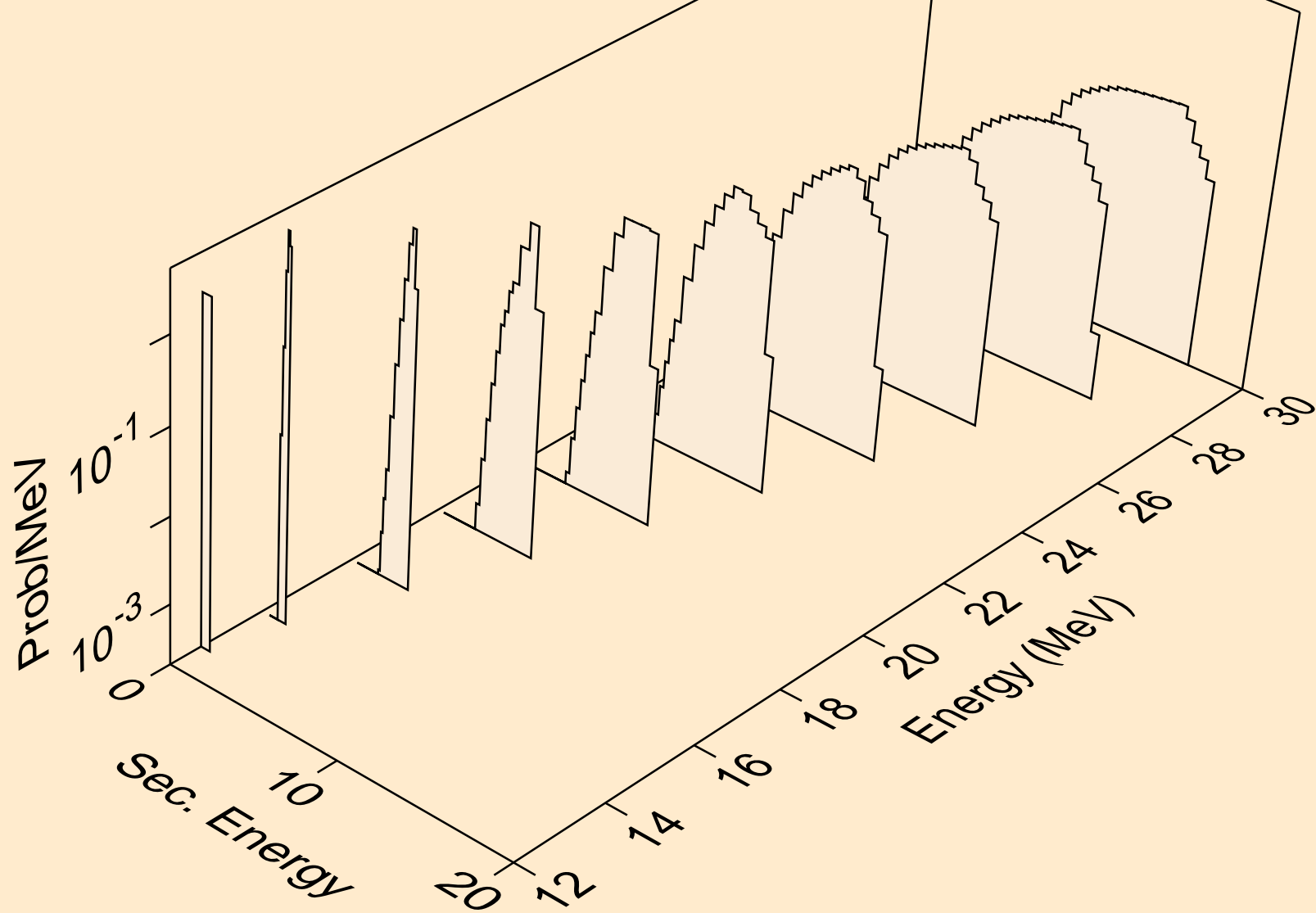
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deuterons from (n,x)



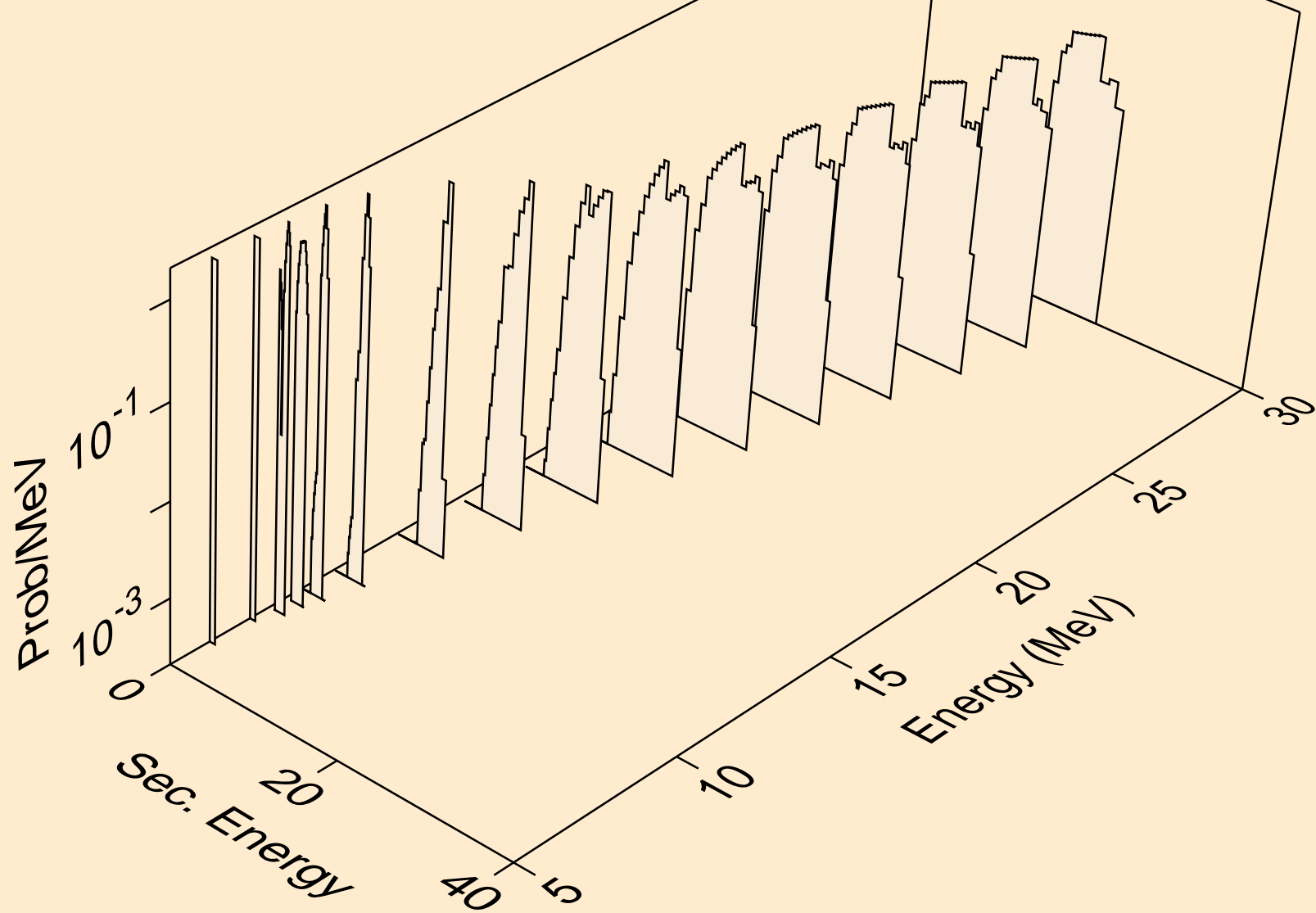
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deuterons from (n,2nd)



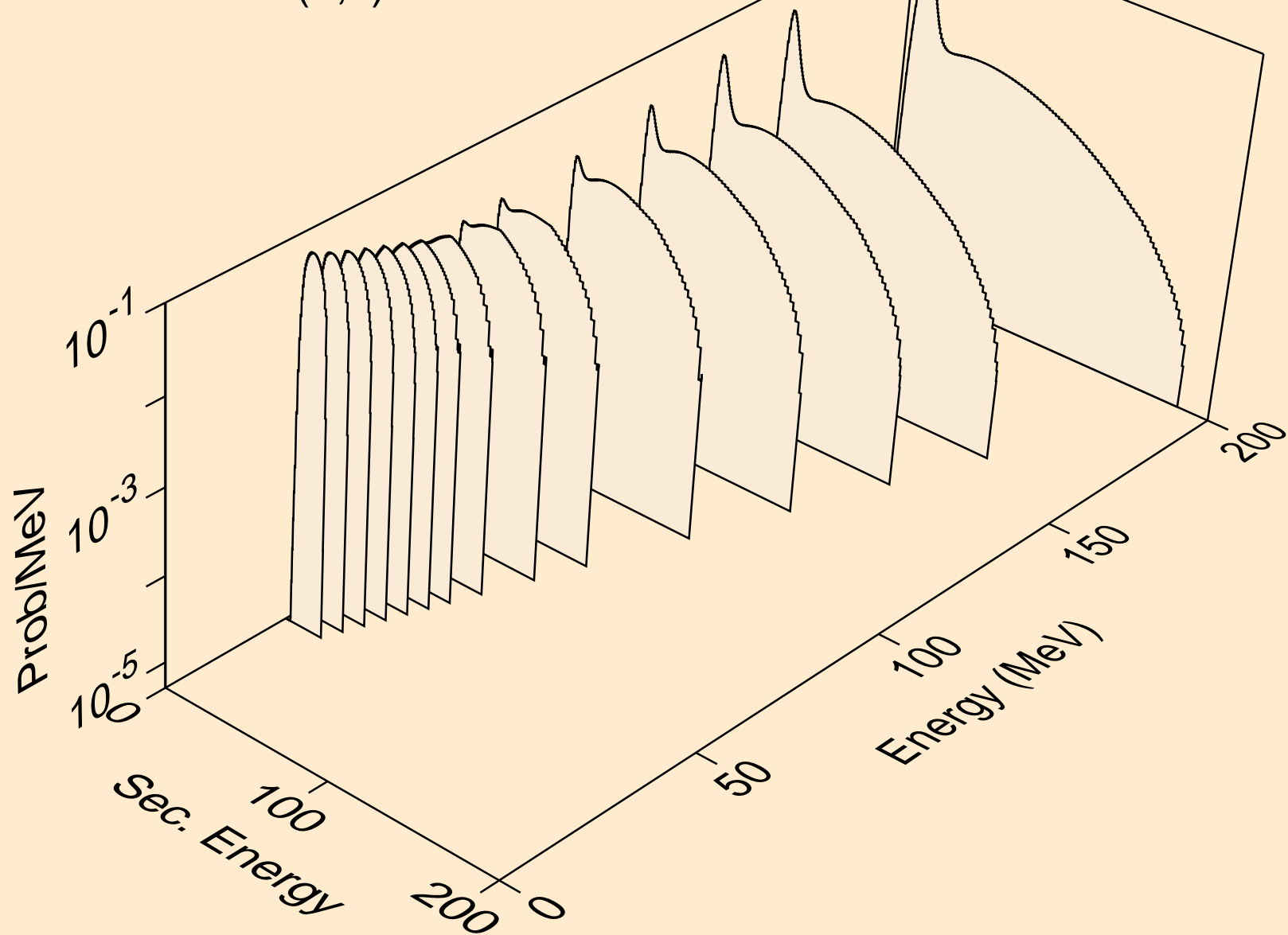
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



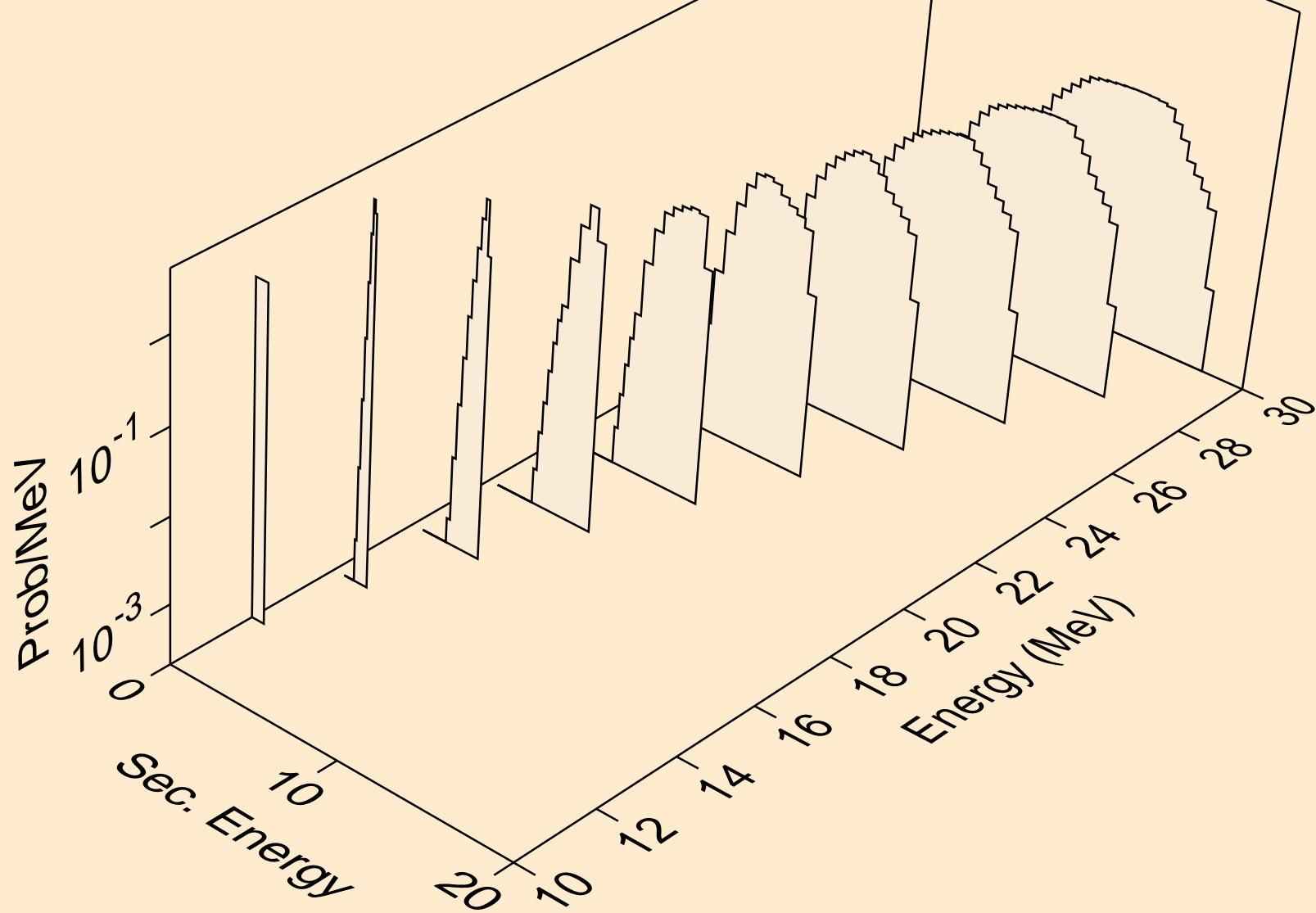
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deuterons from (n,d)



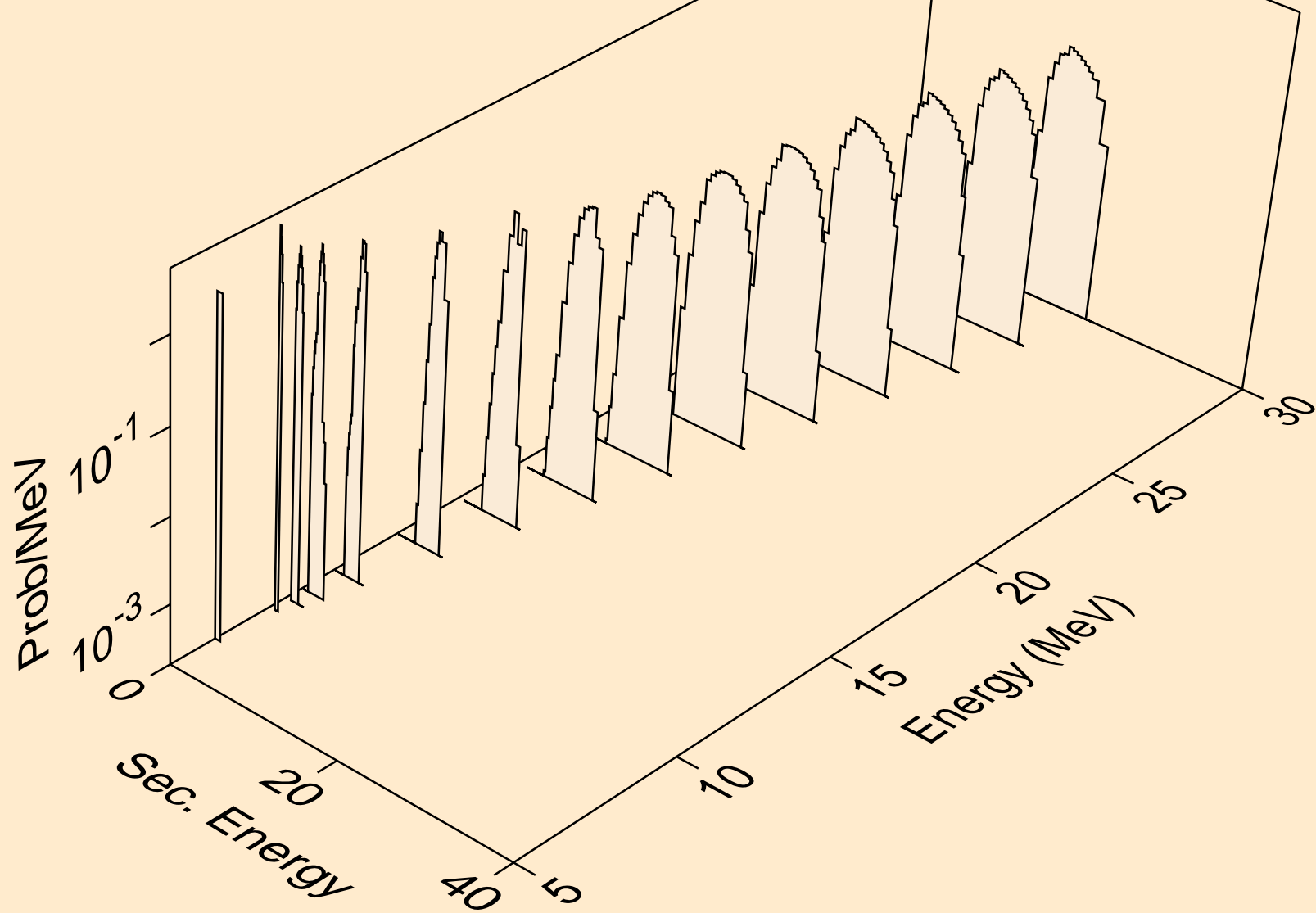
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

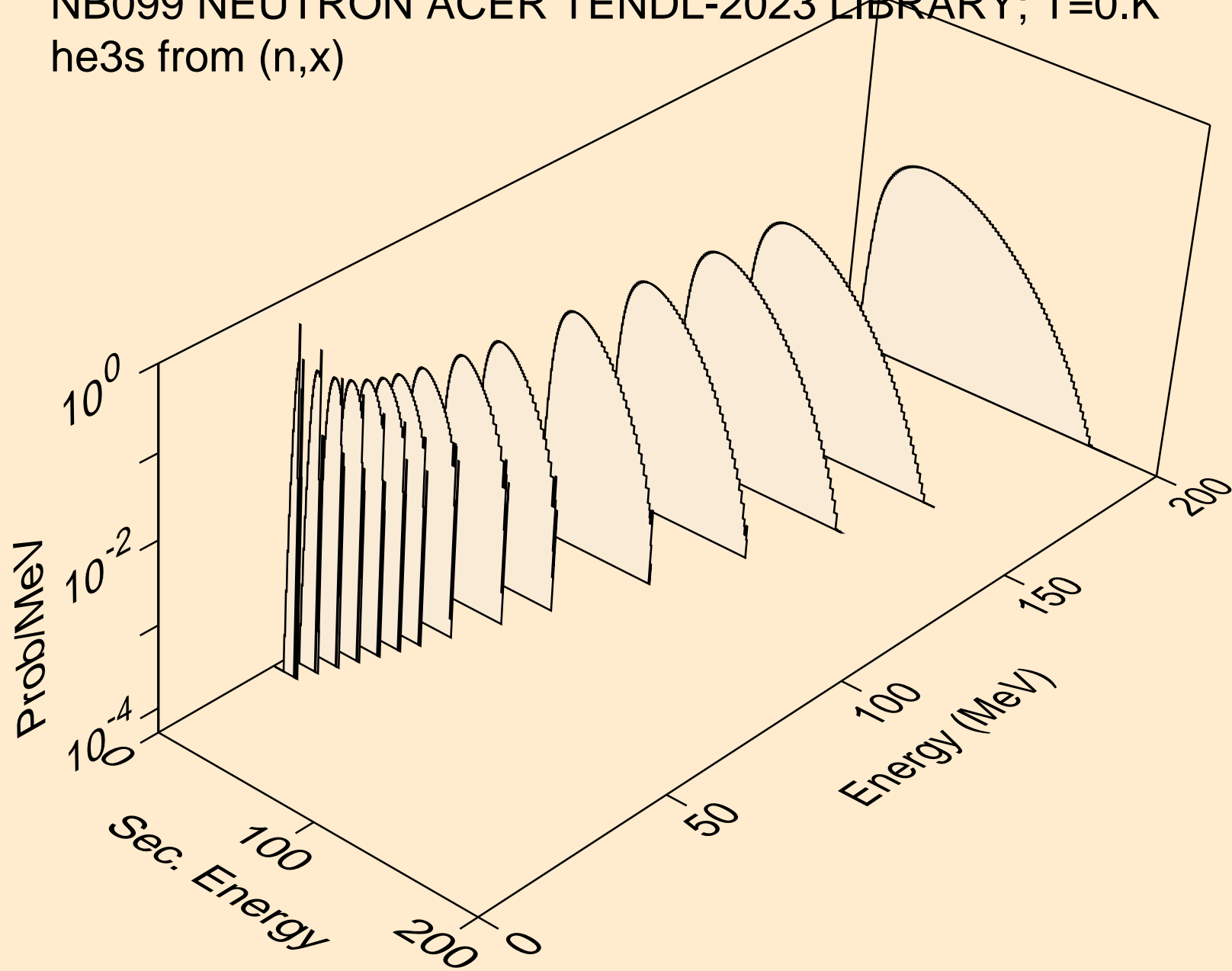


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

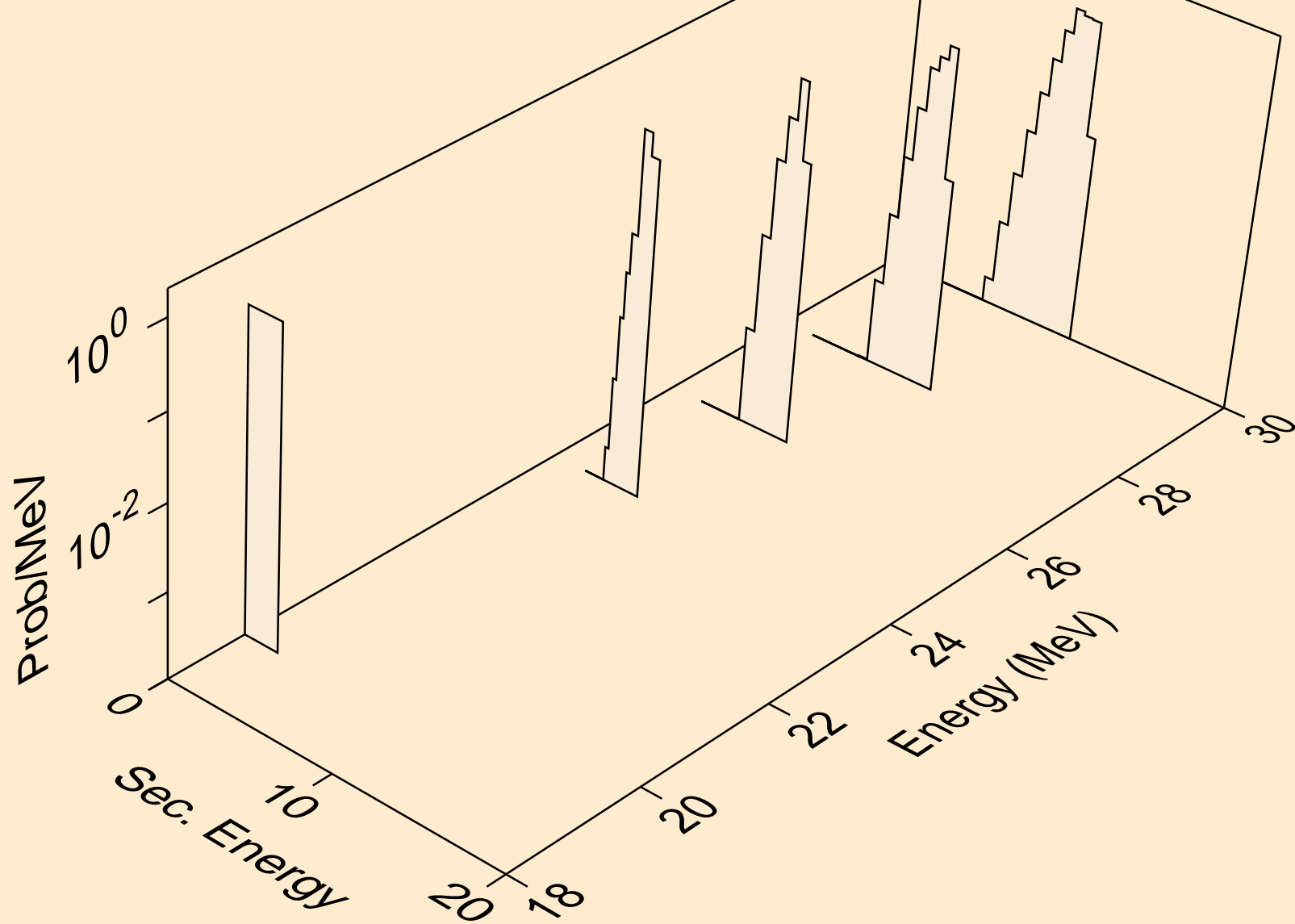




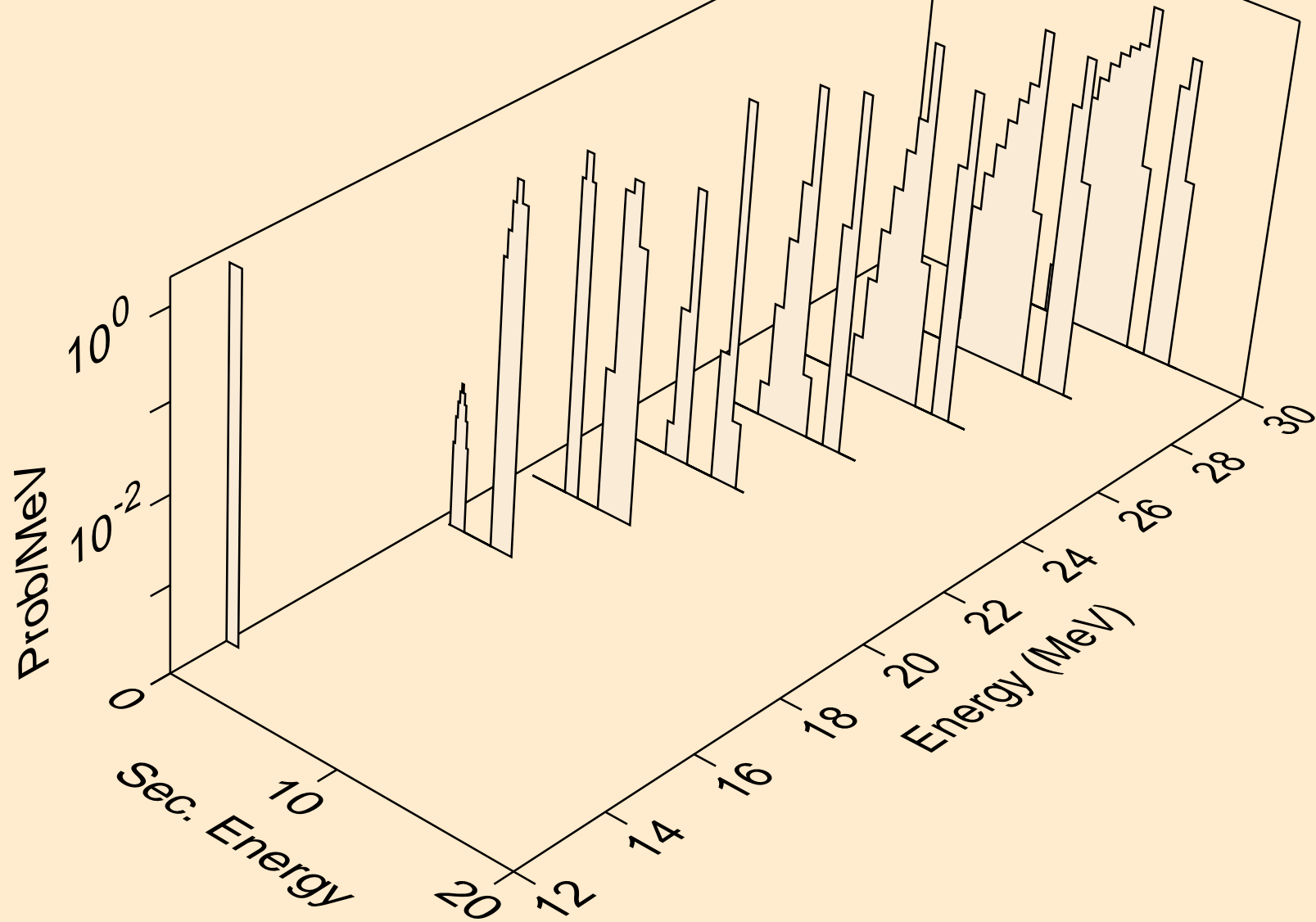
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he3s from (n,x)



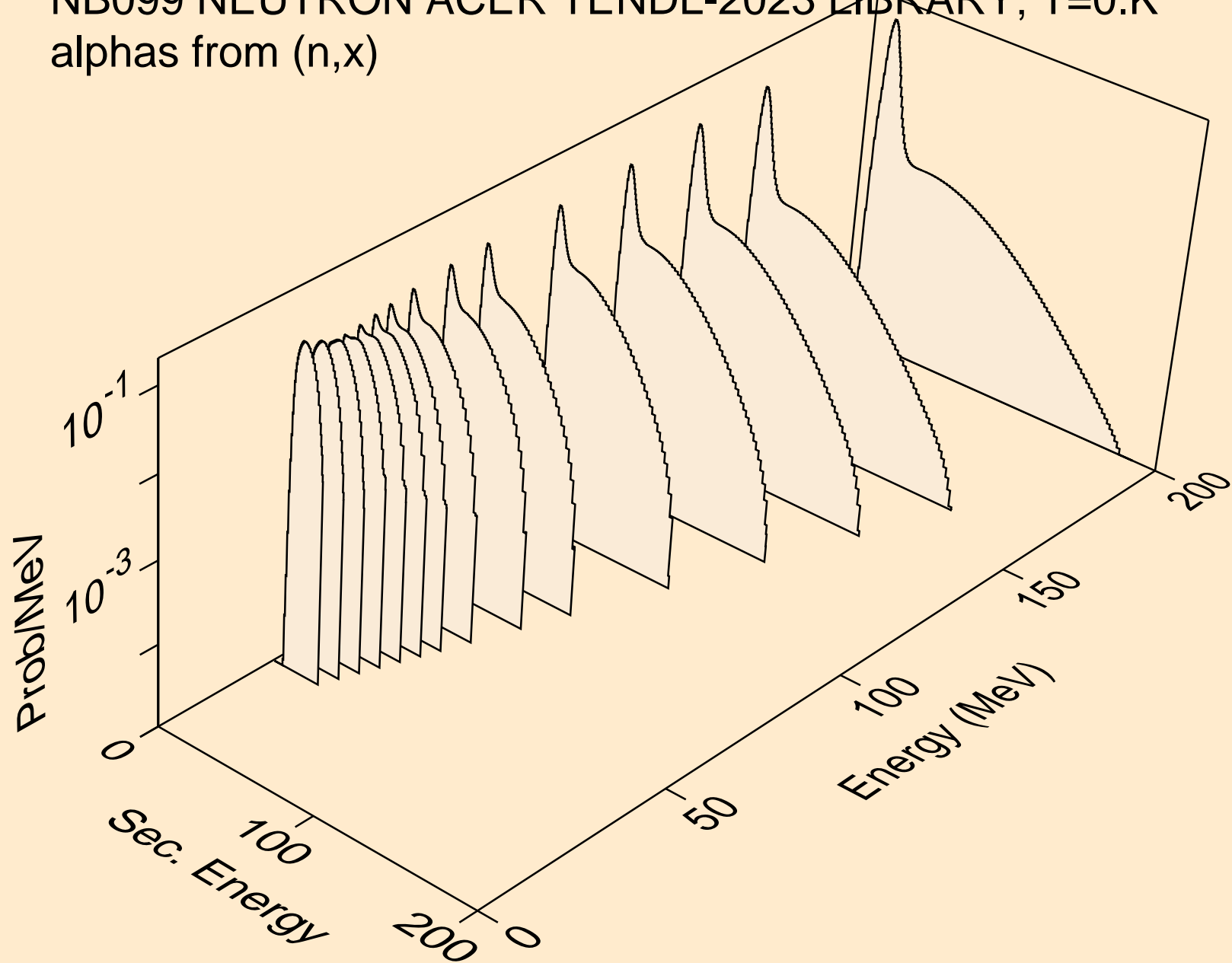
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he3s from (n,n\*)he3



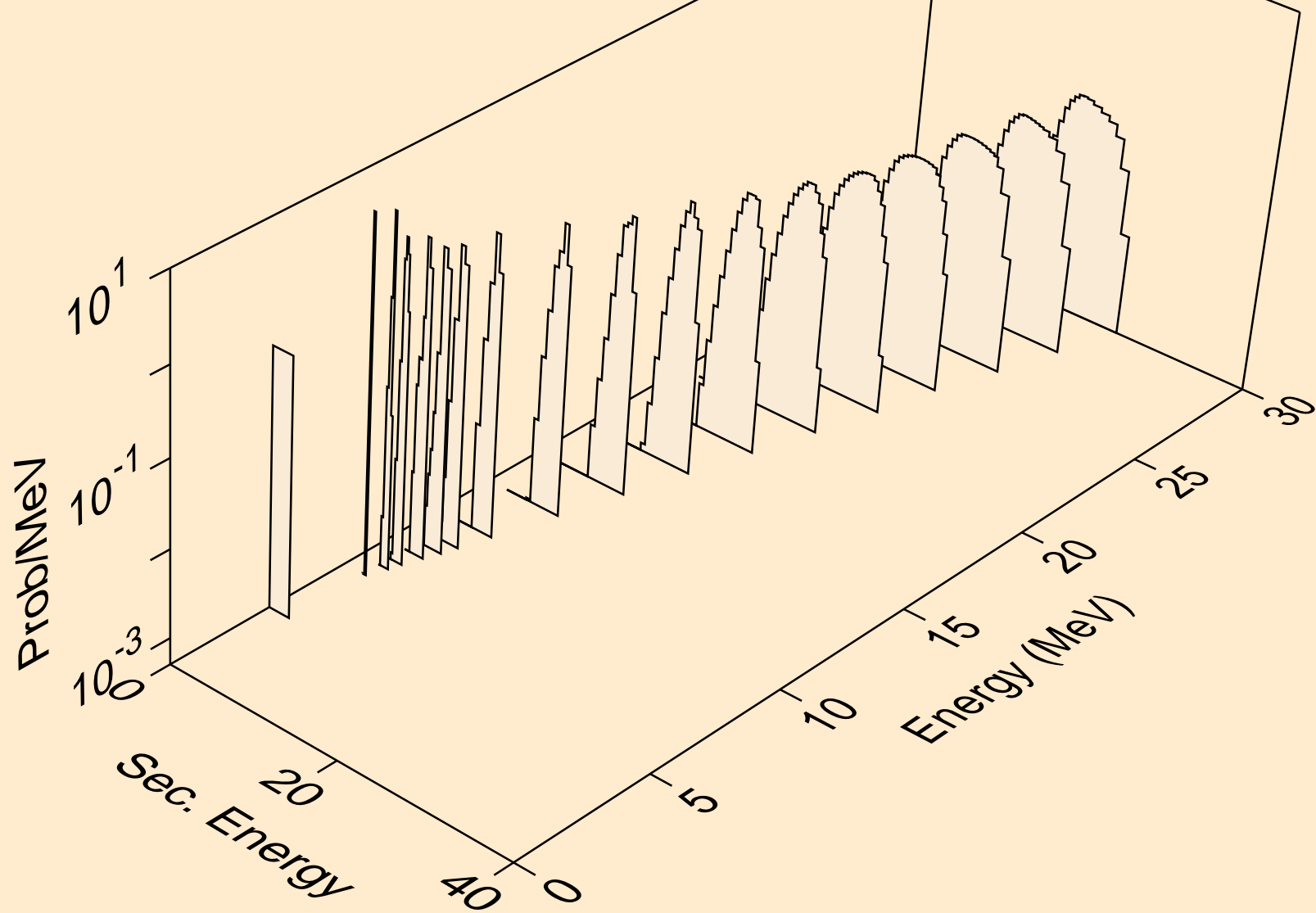
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he3s from (n,he3)



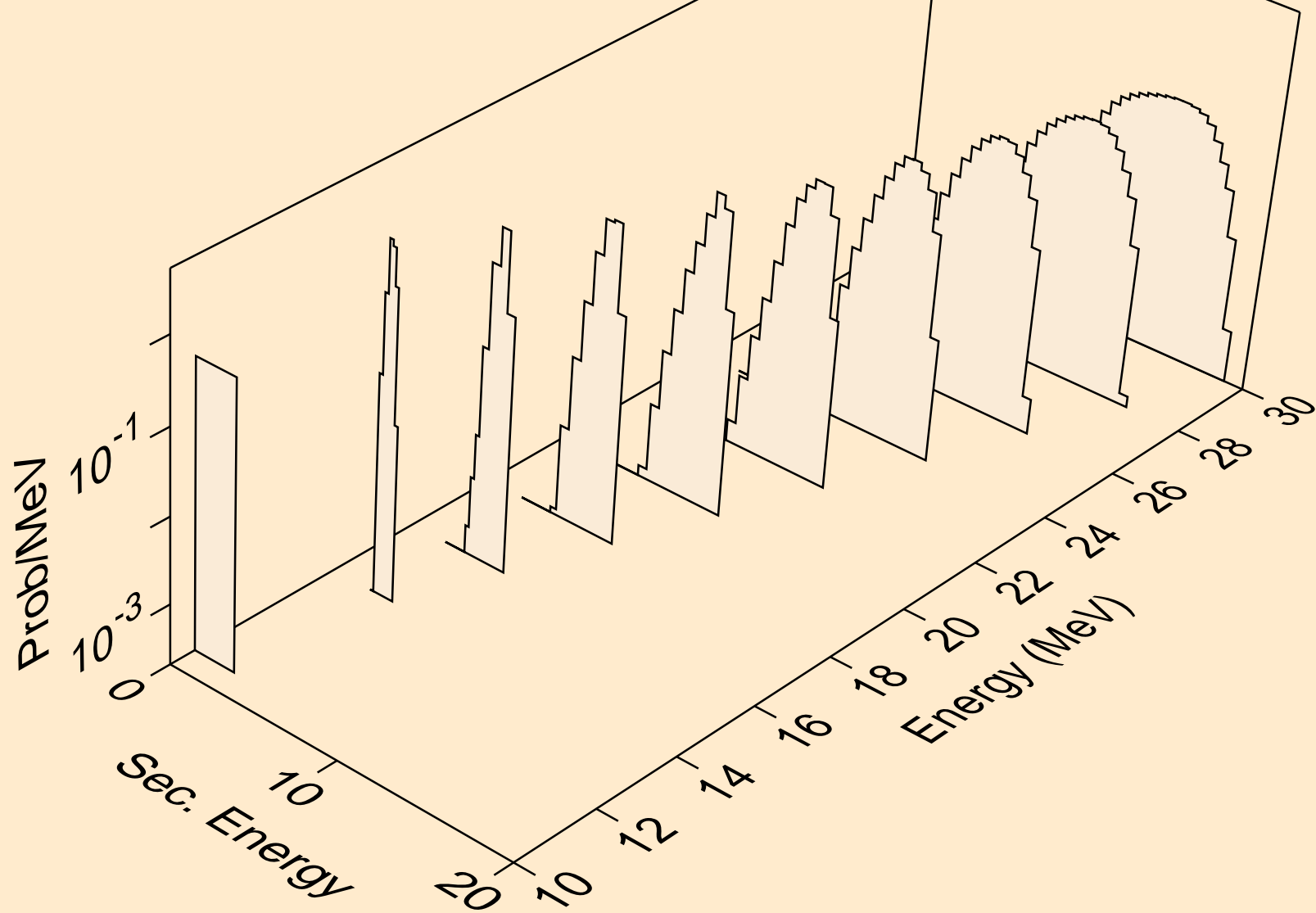
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



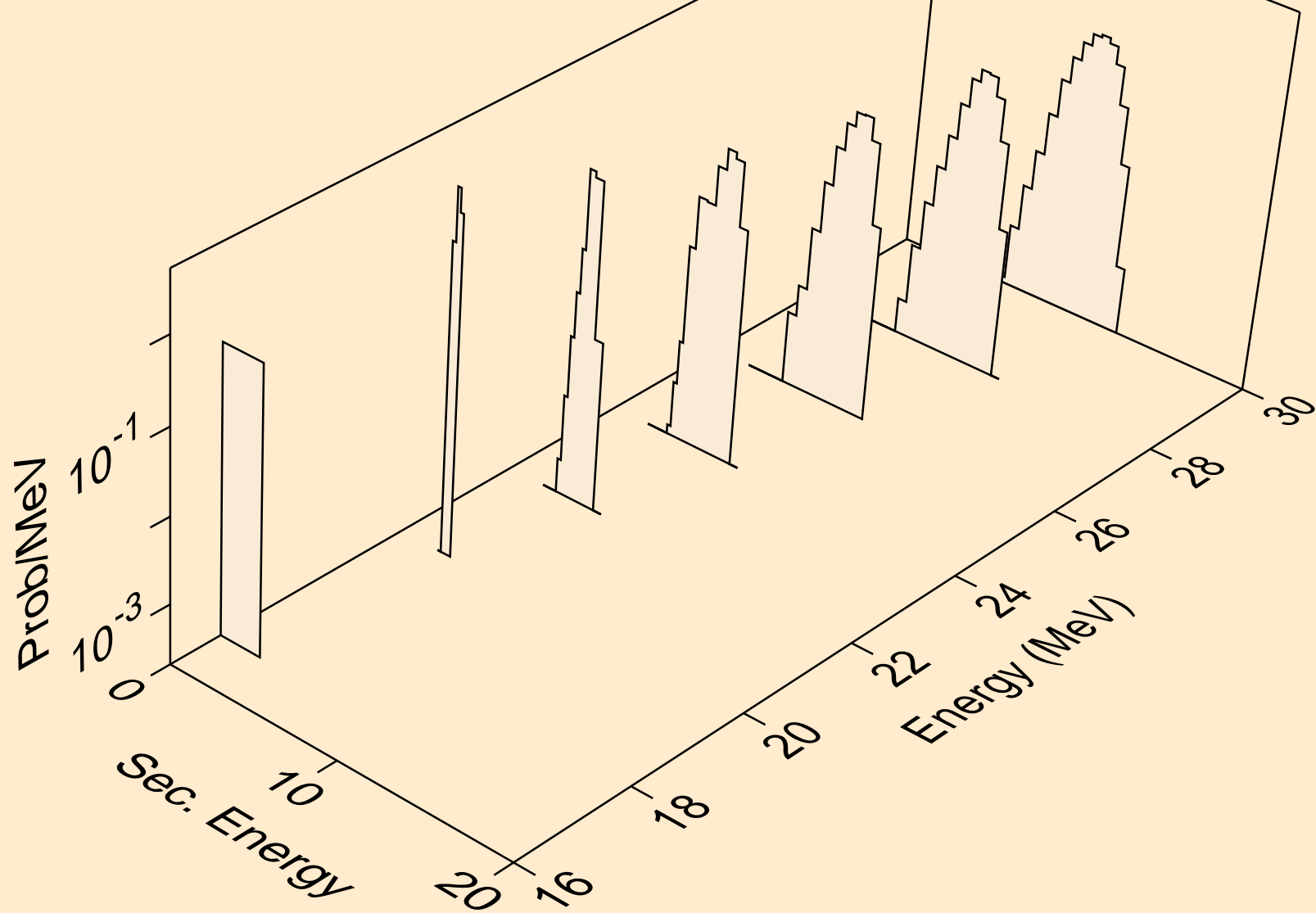
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



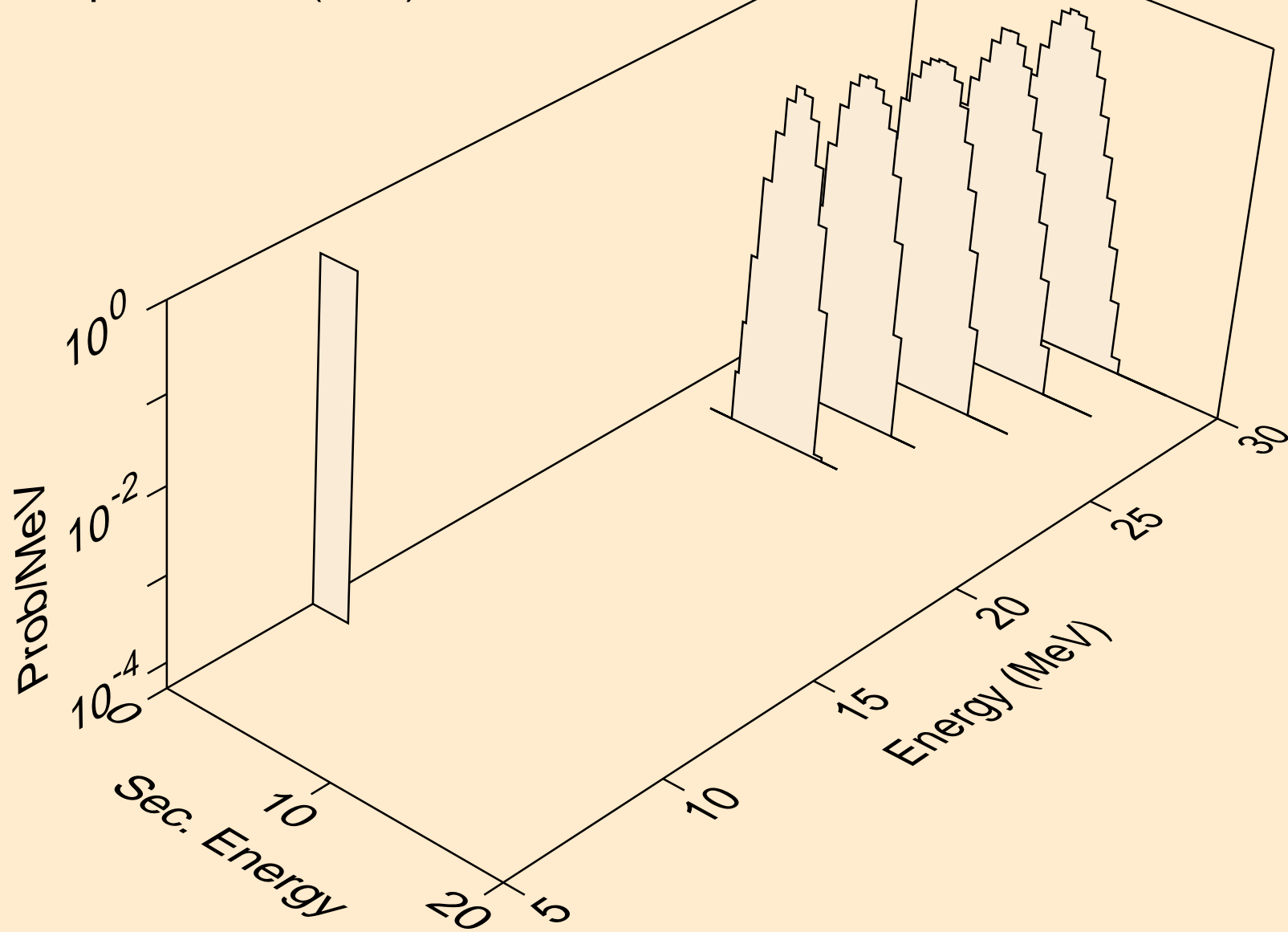
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

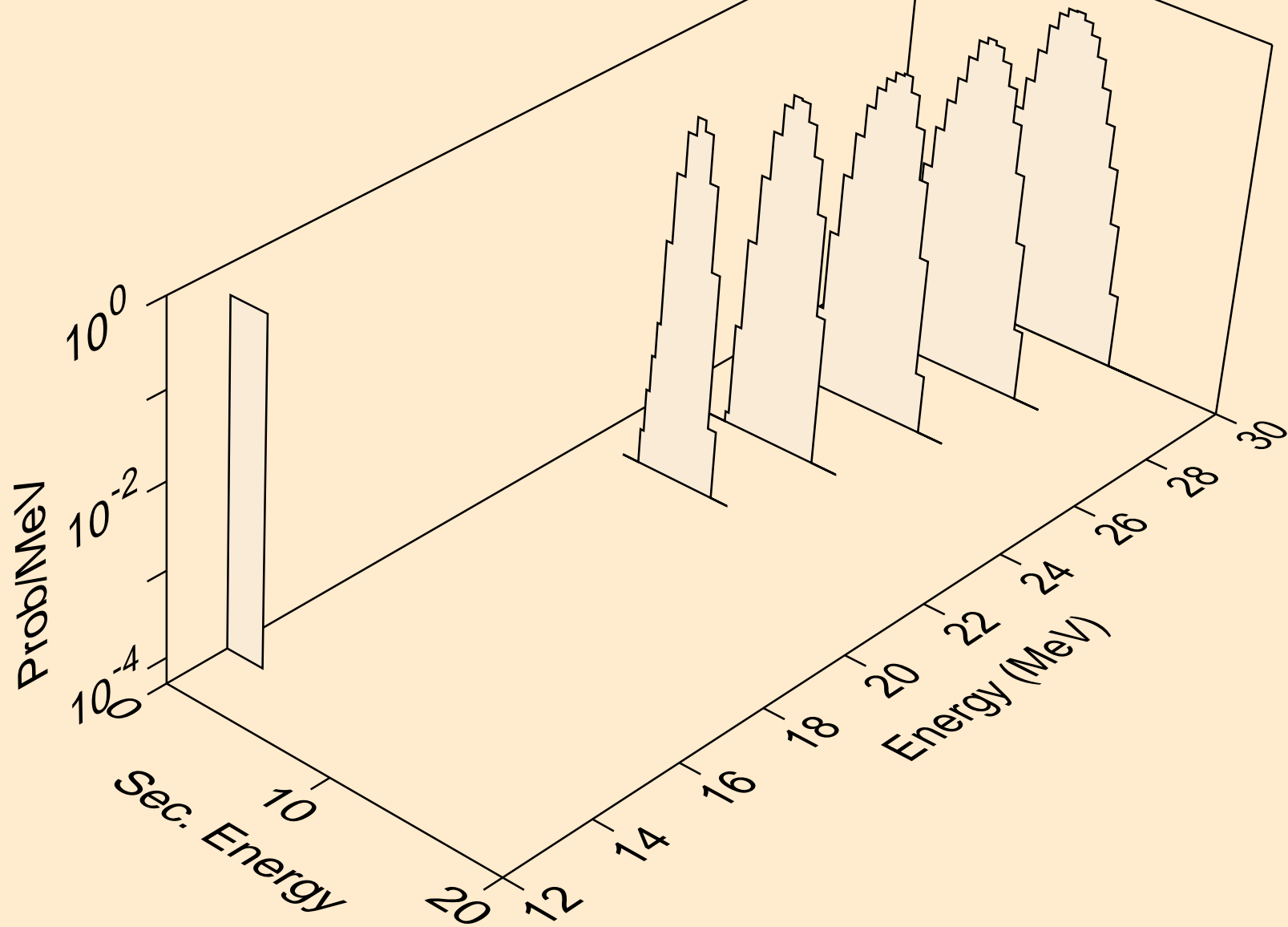


NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

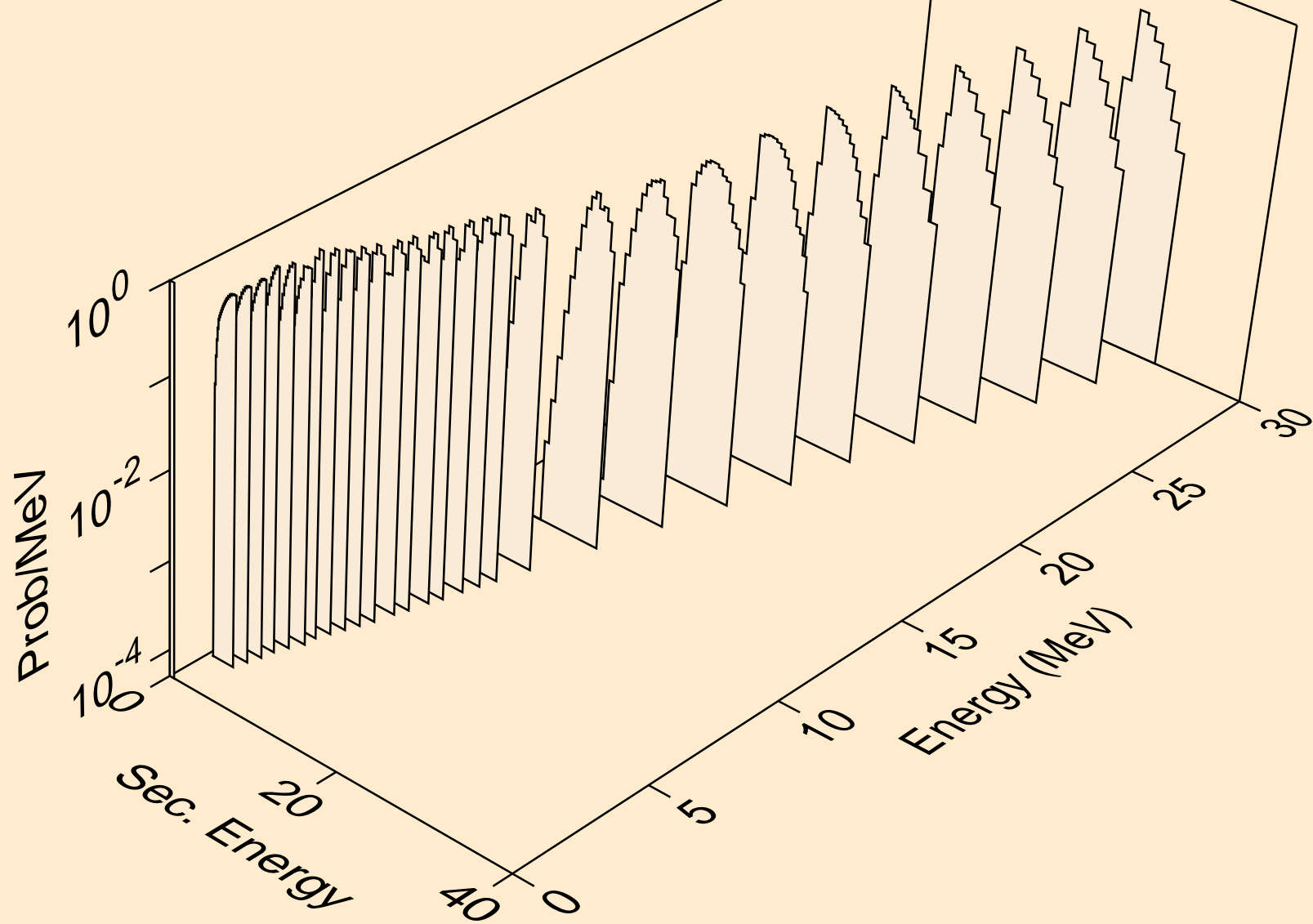




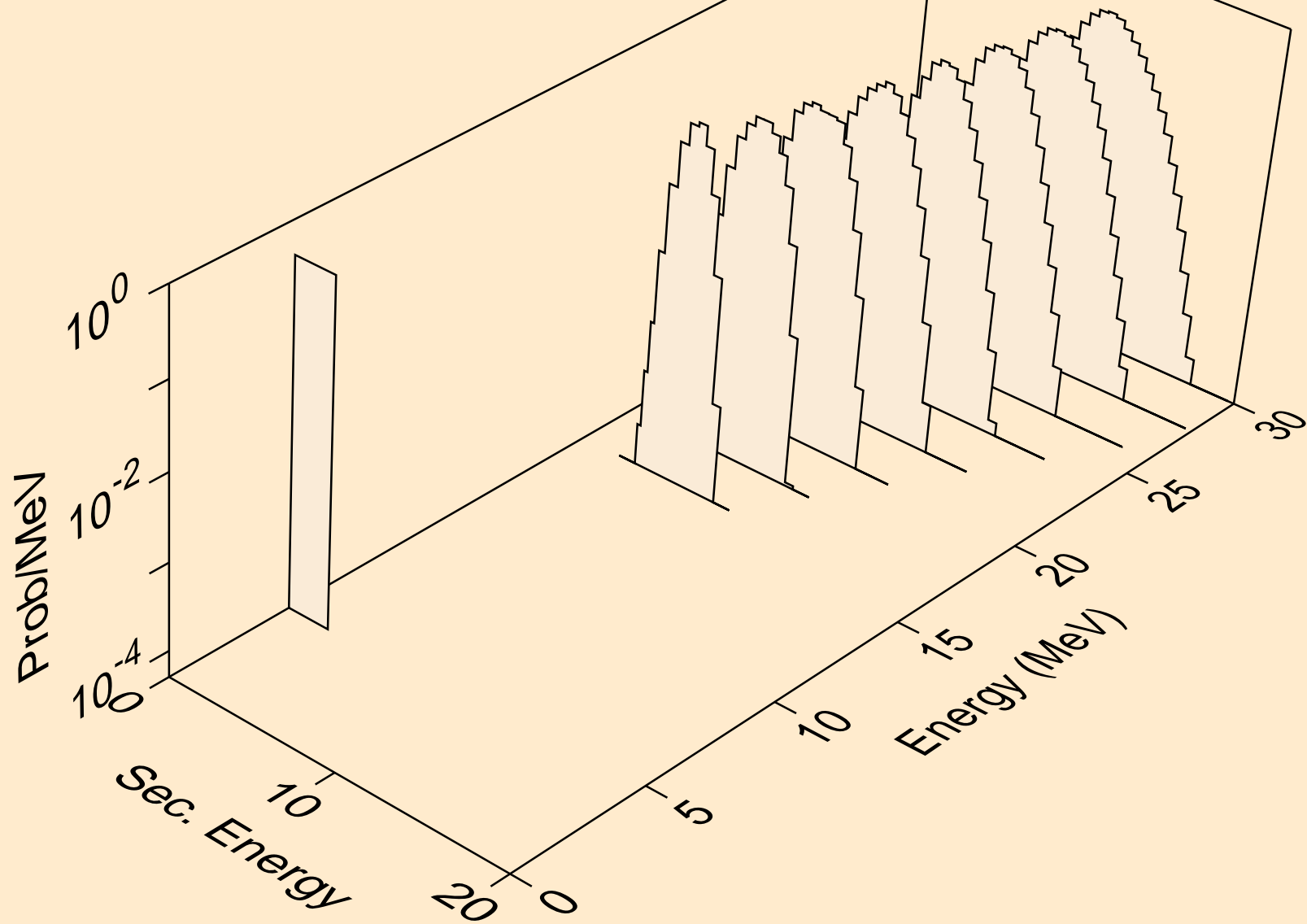
NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



NB099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

