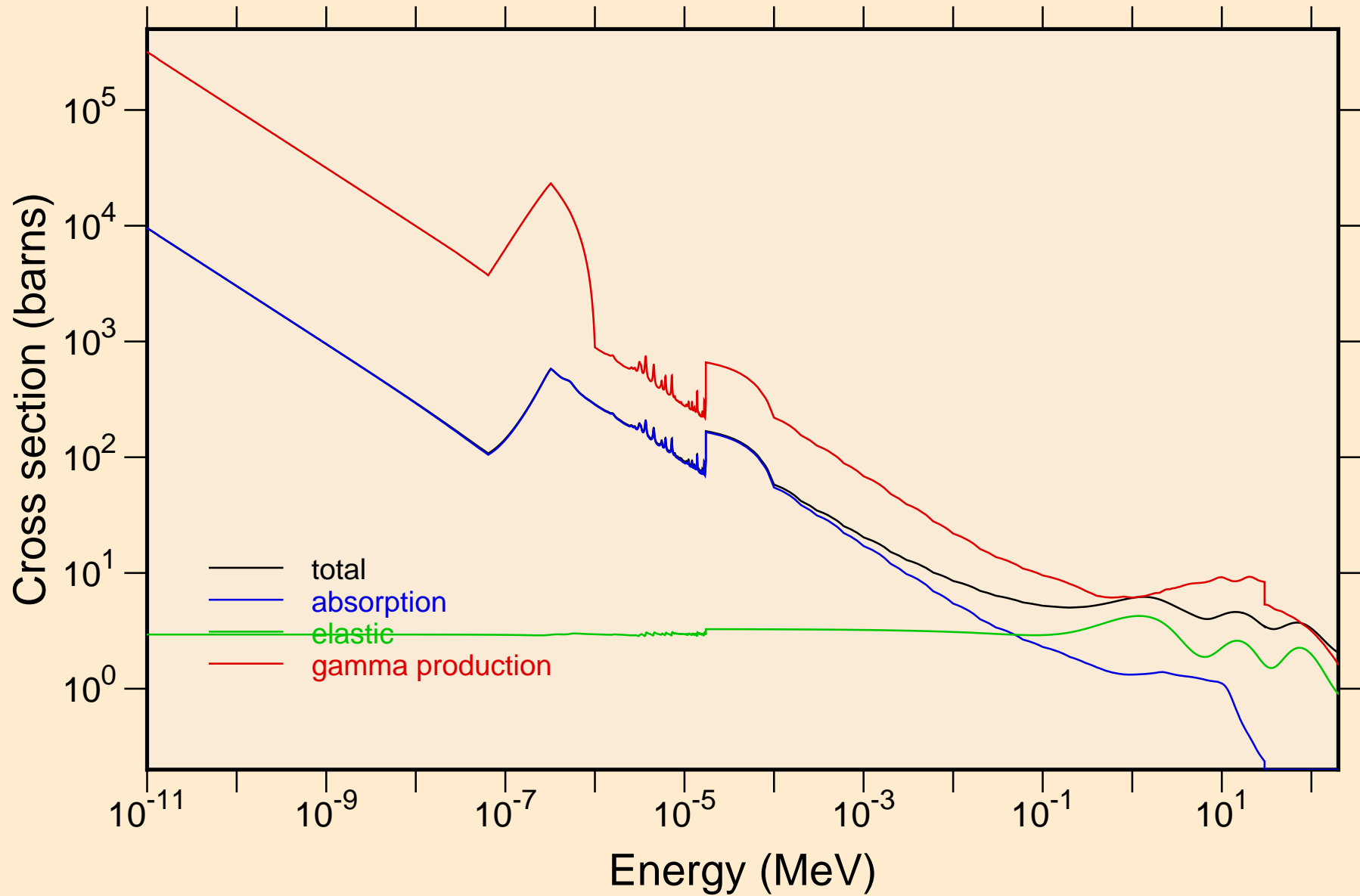
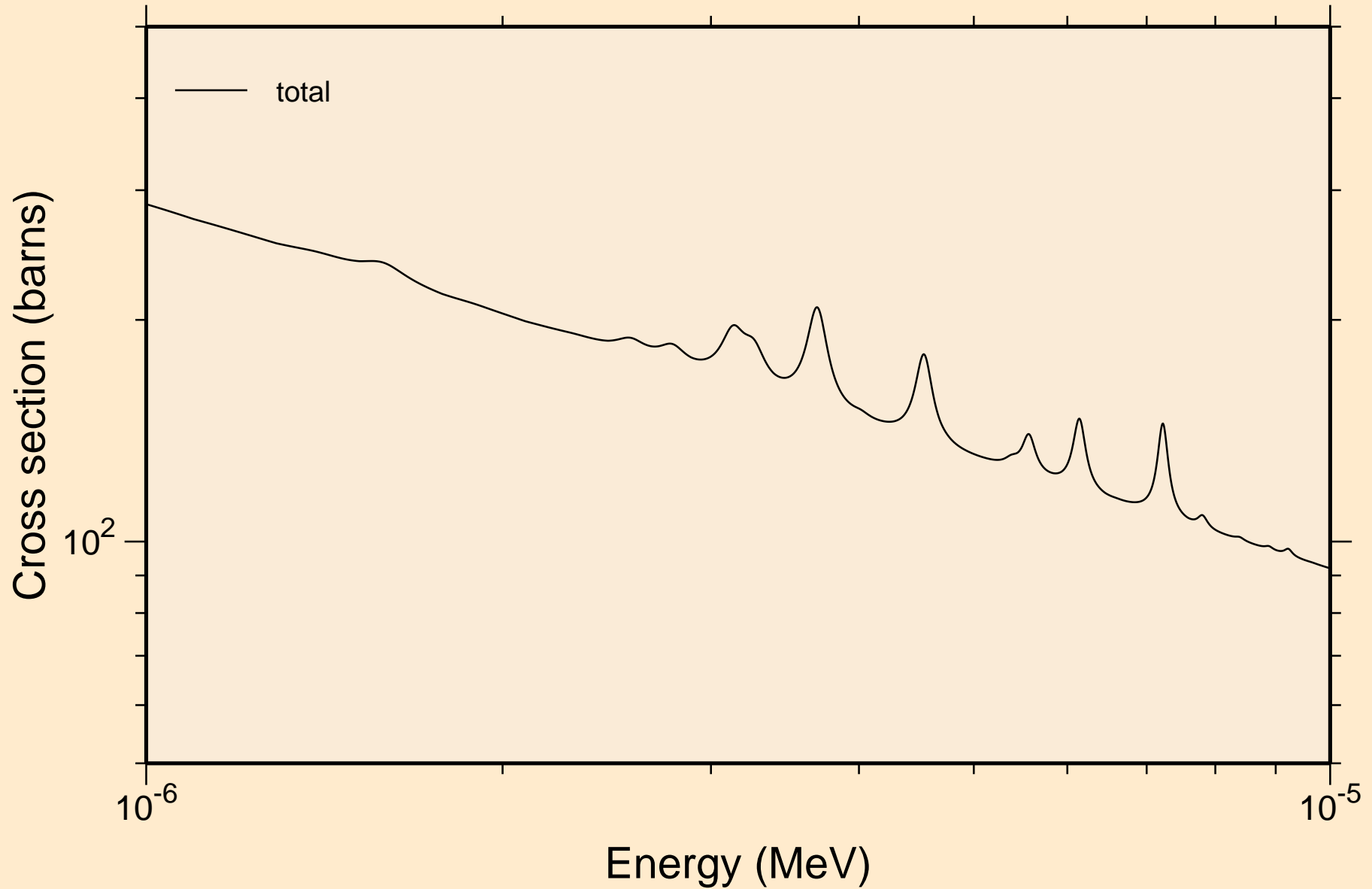


# BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

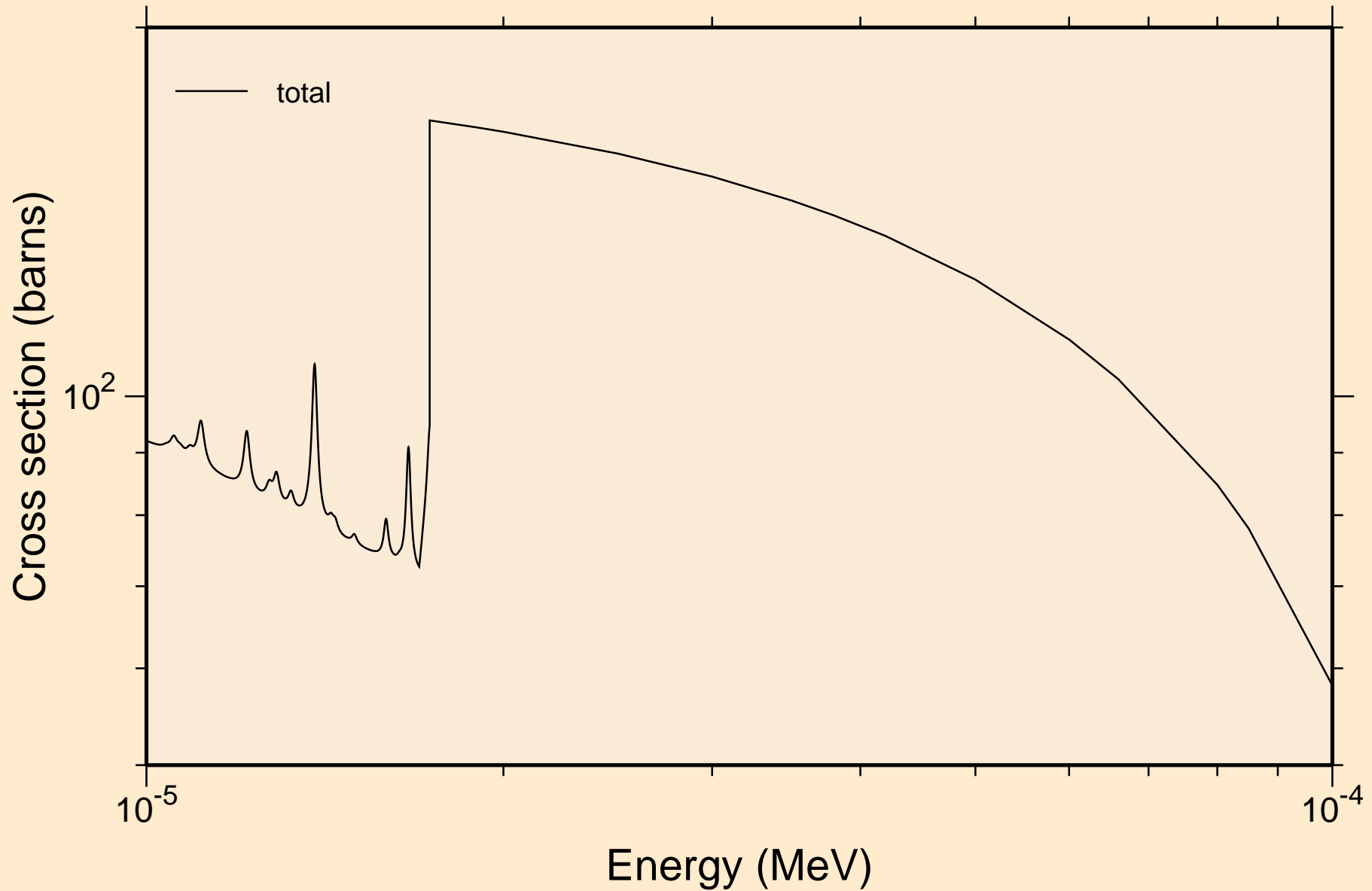
## Principal cross sections



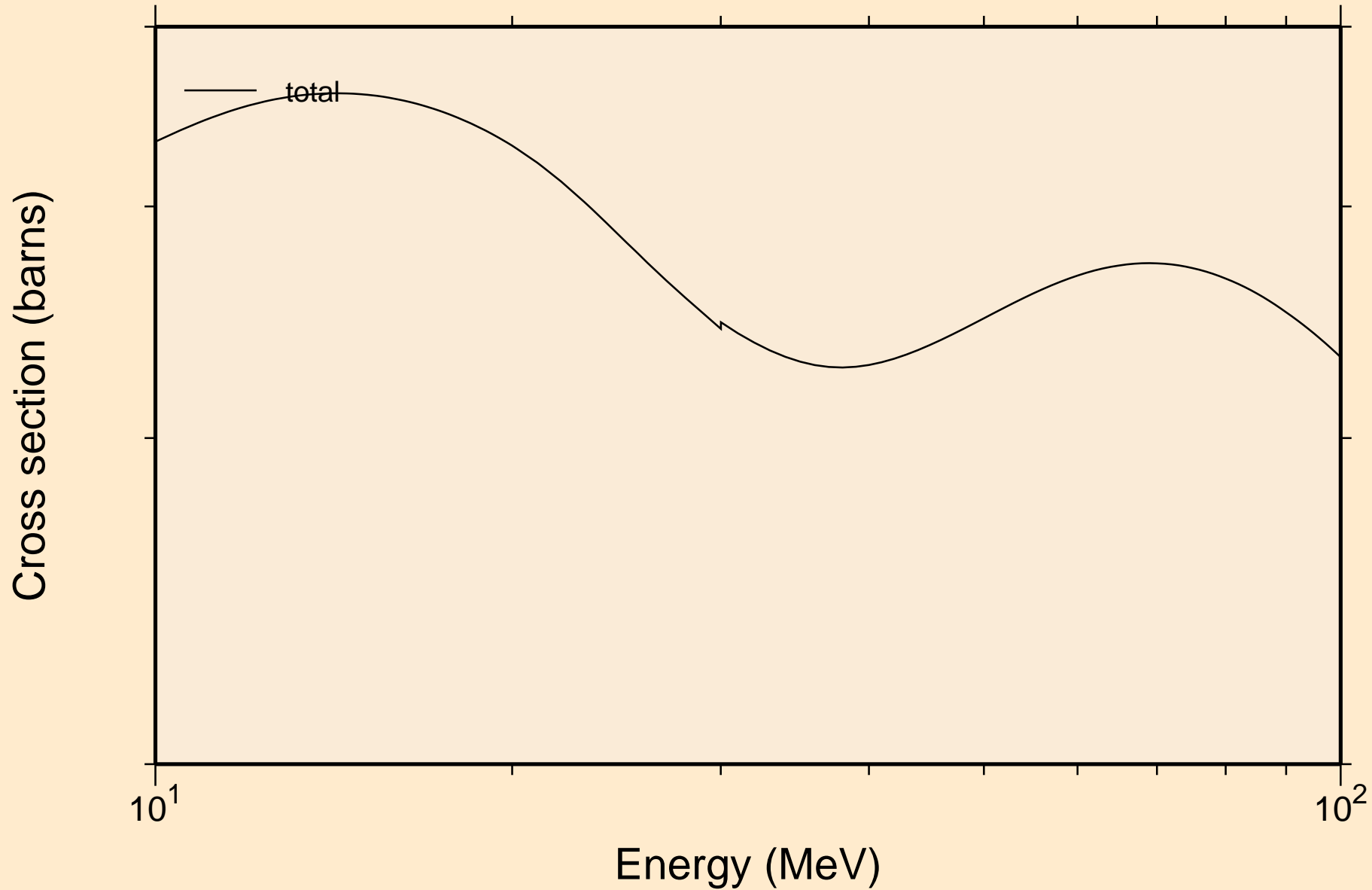
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



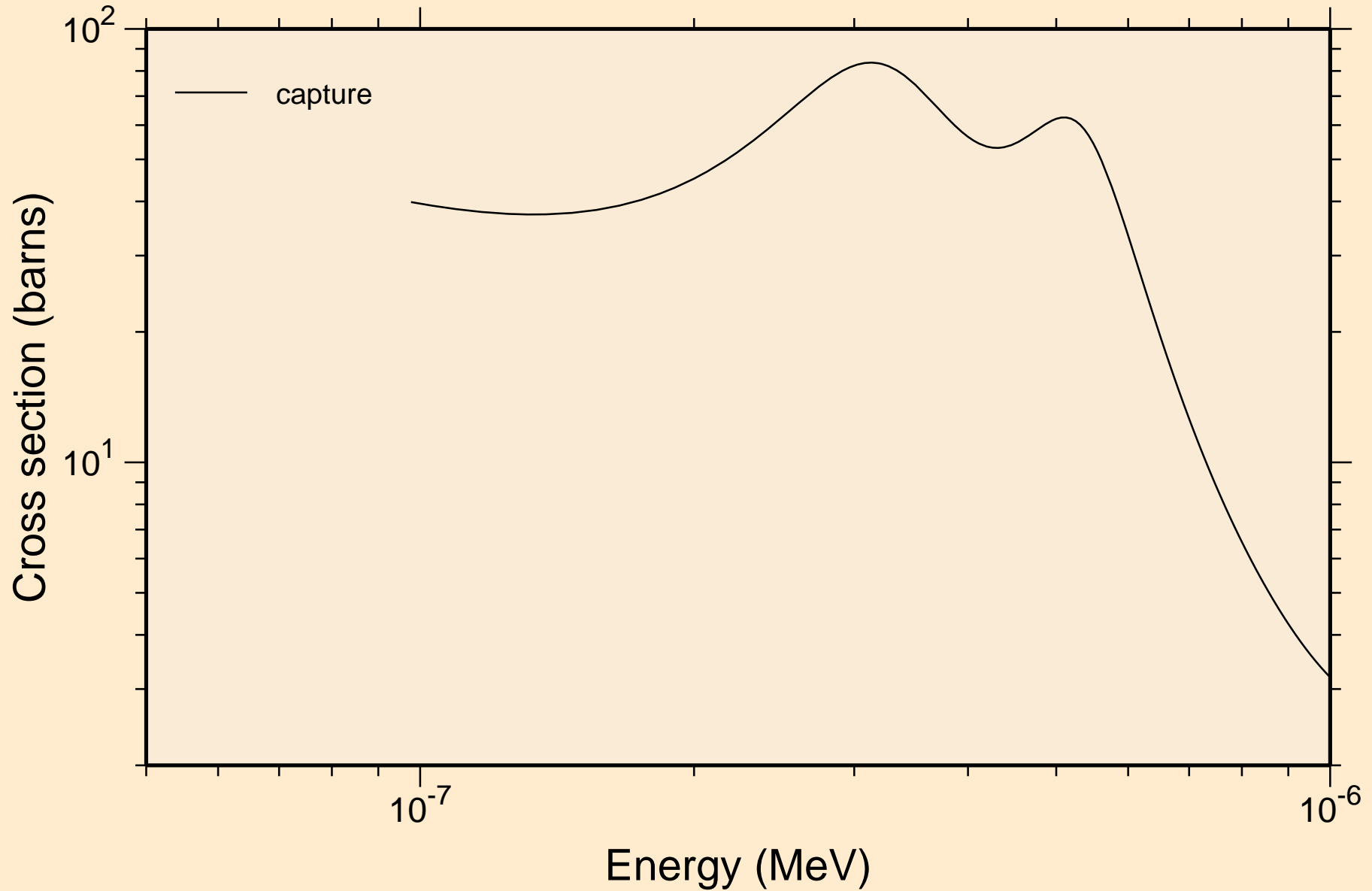
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



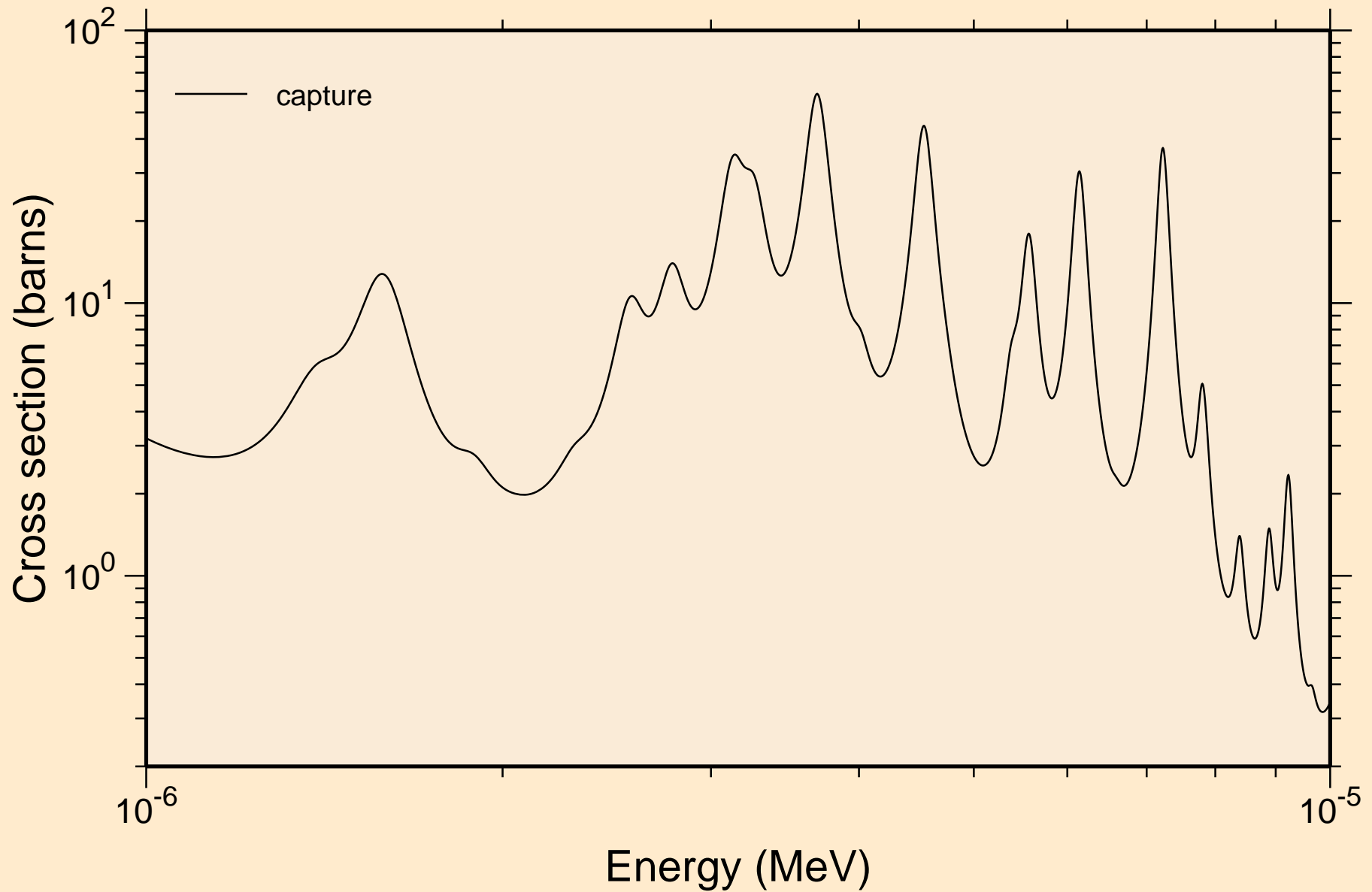
B̄A123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



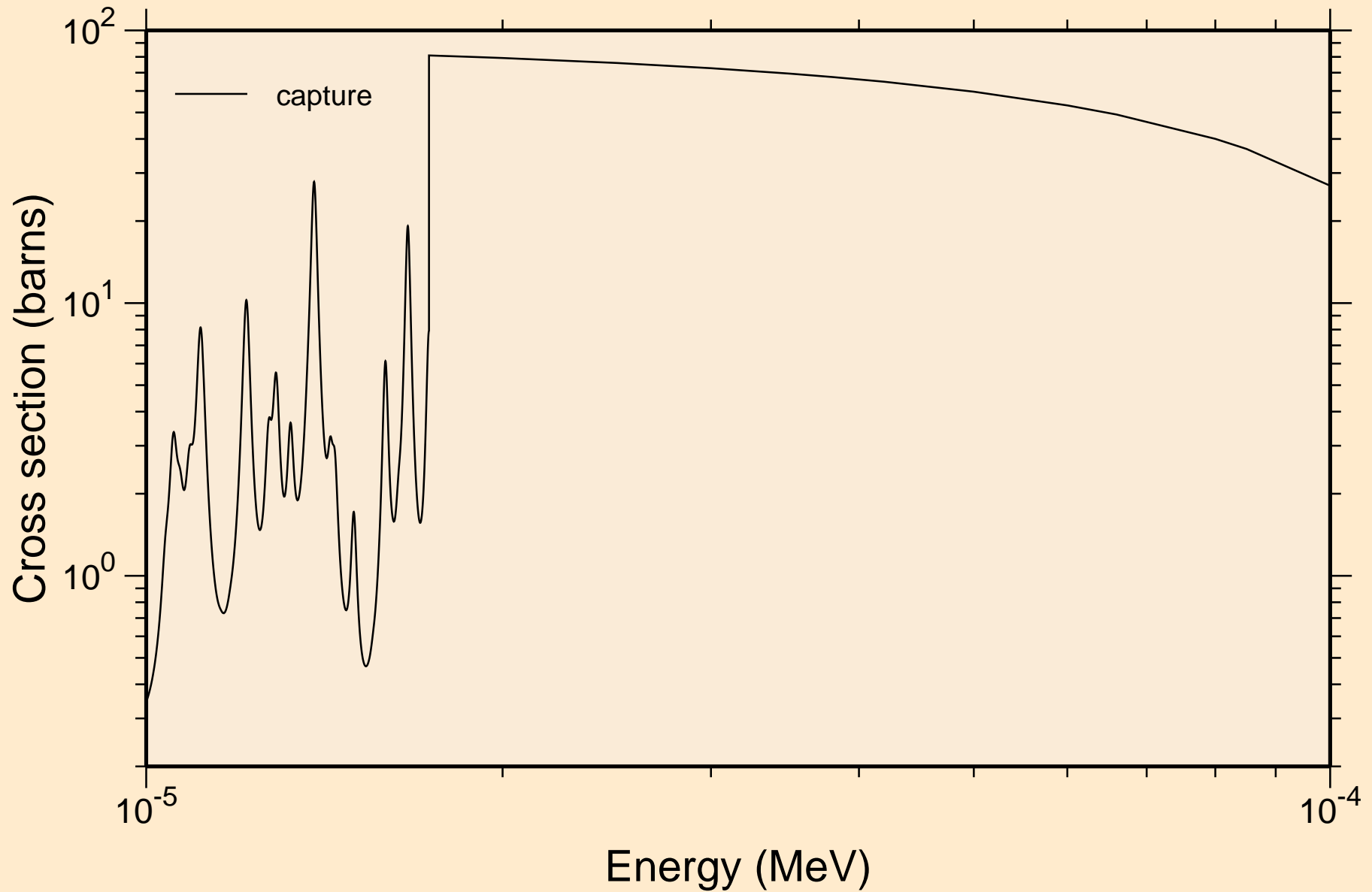
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



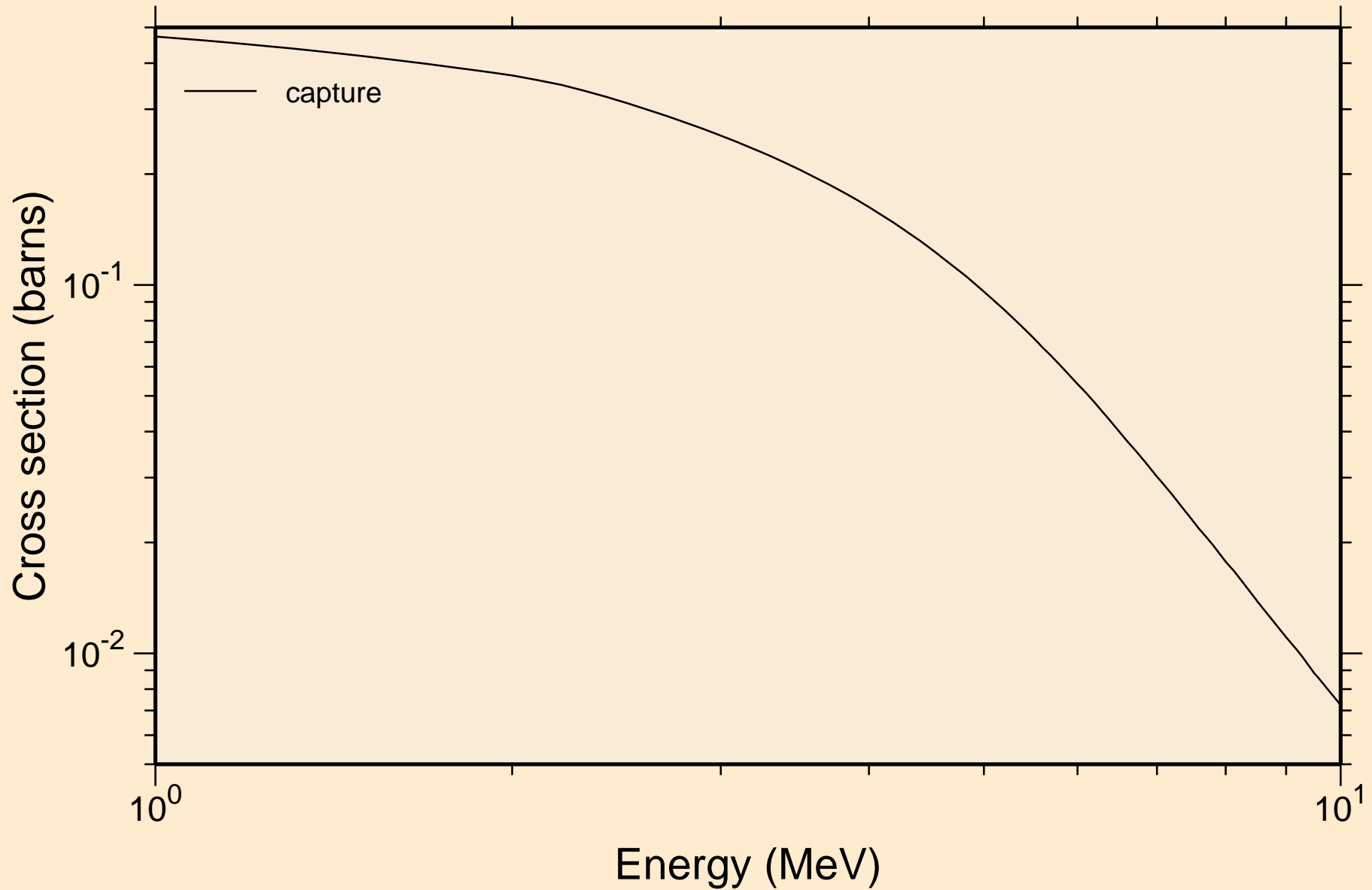
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

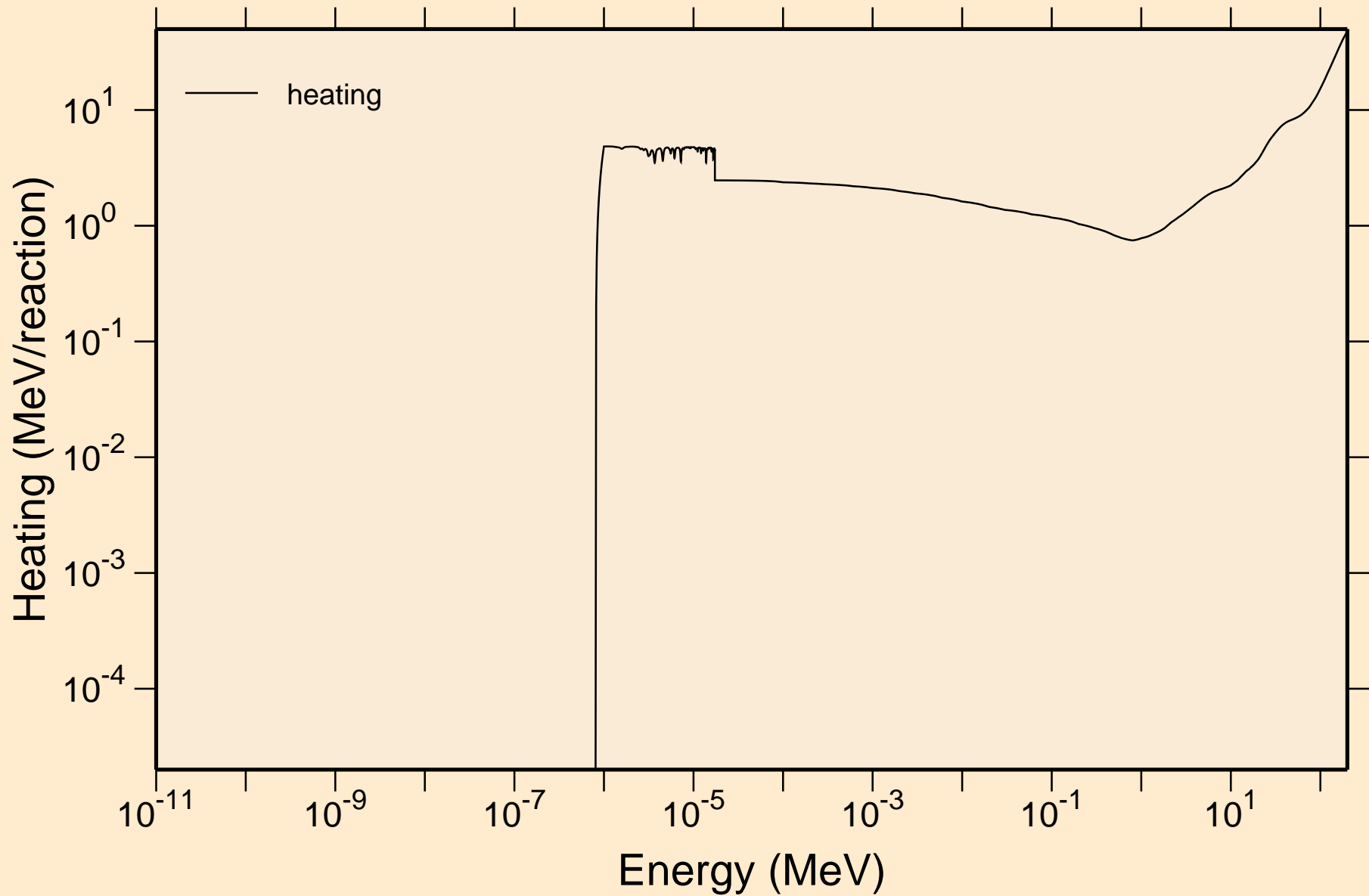


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

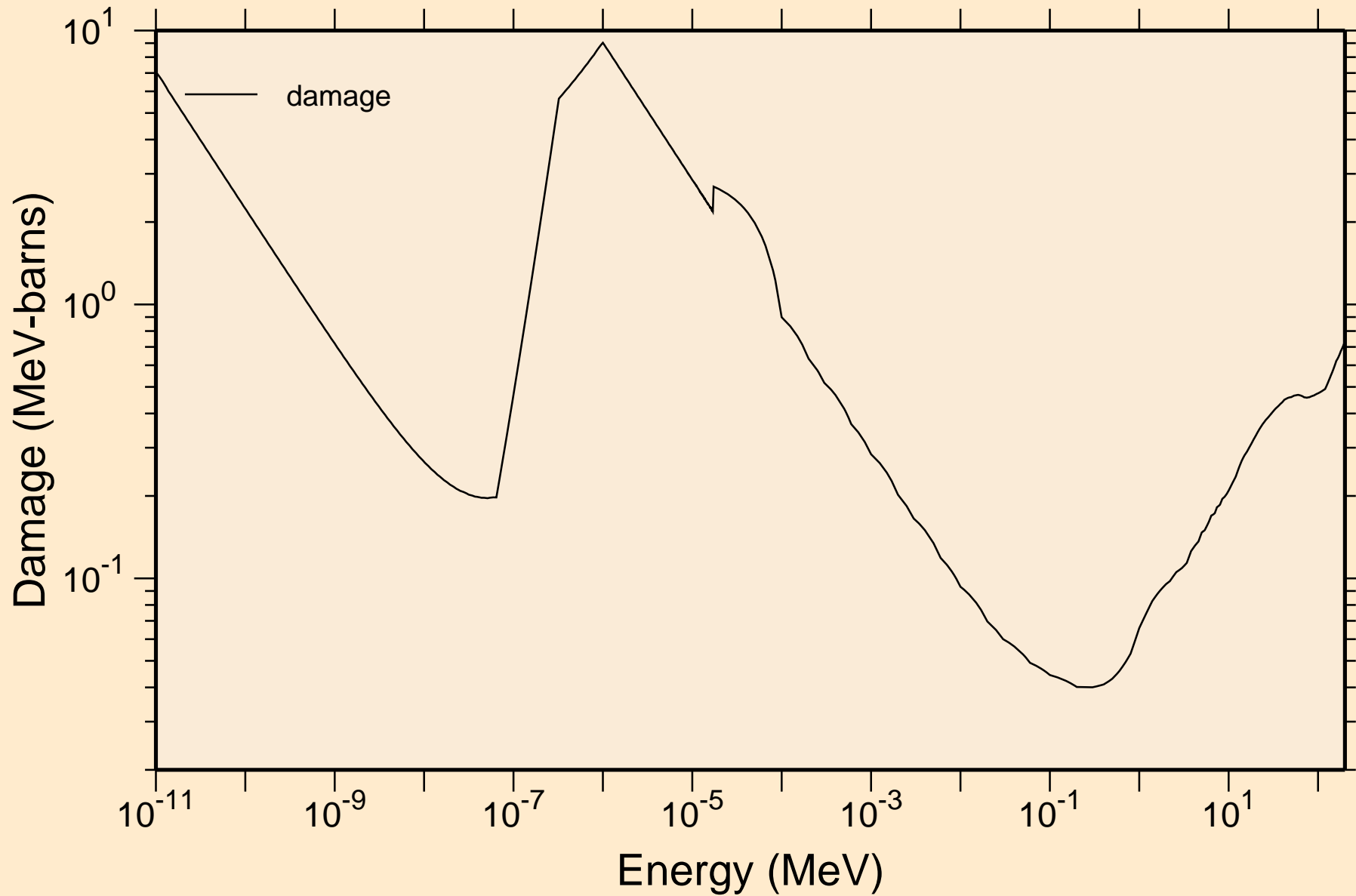




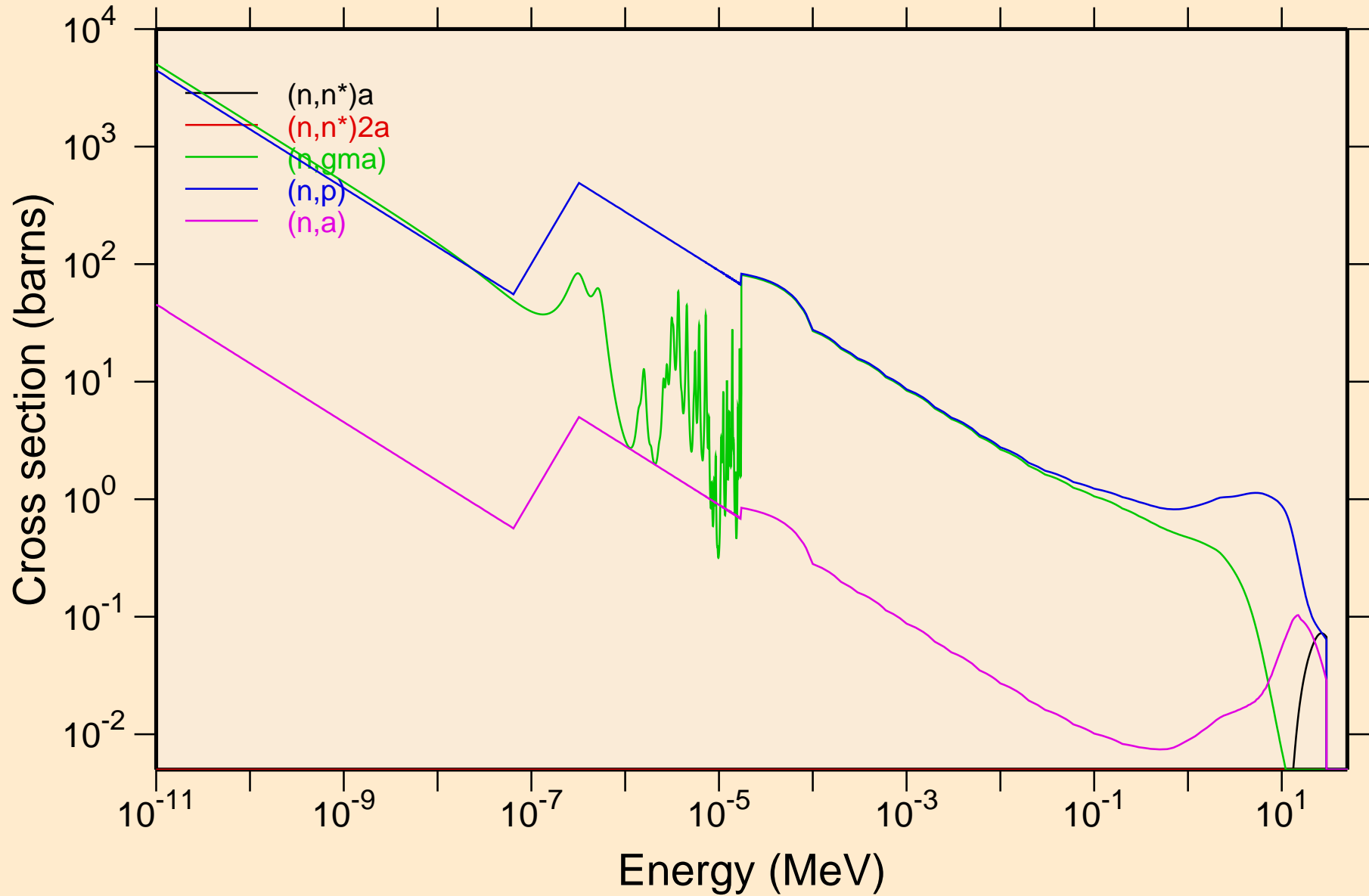
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



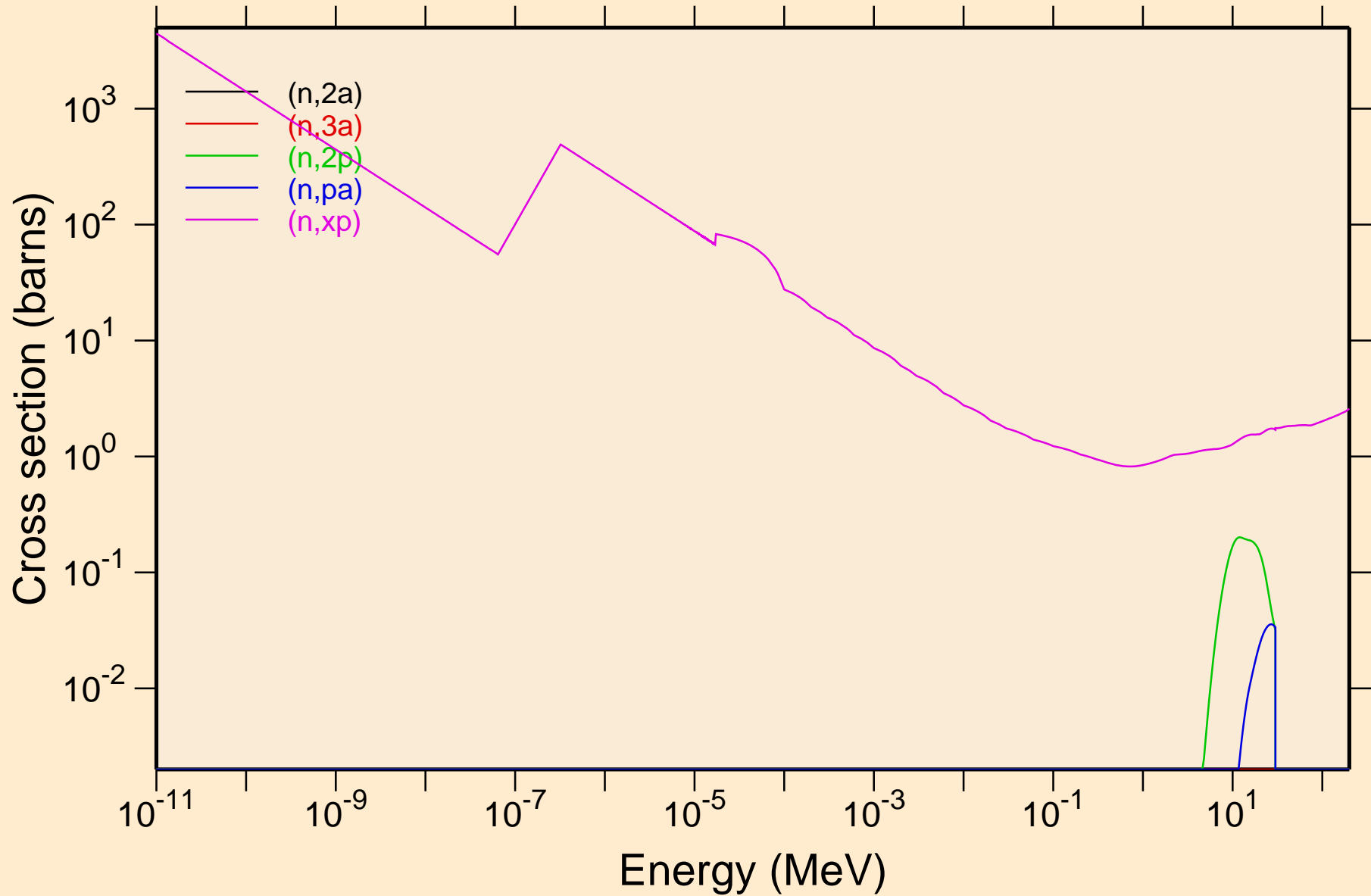
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



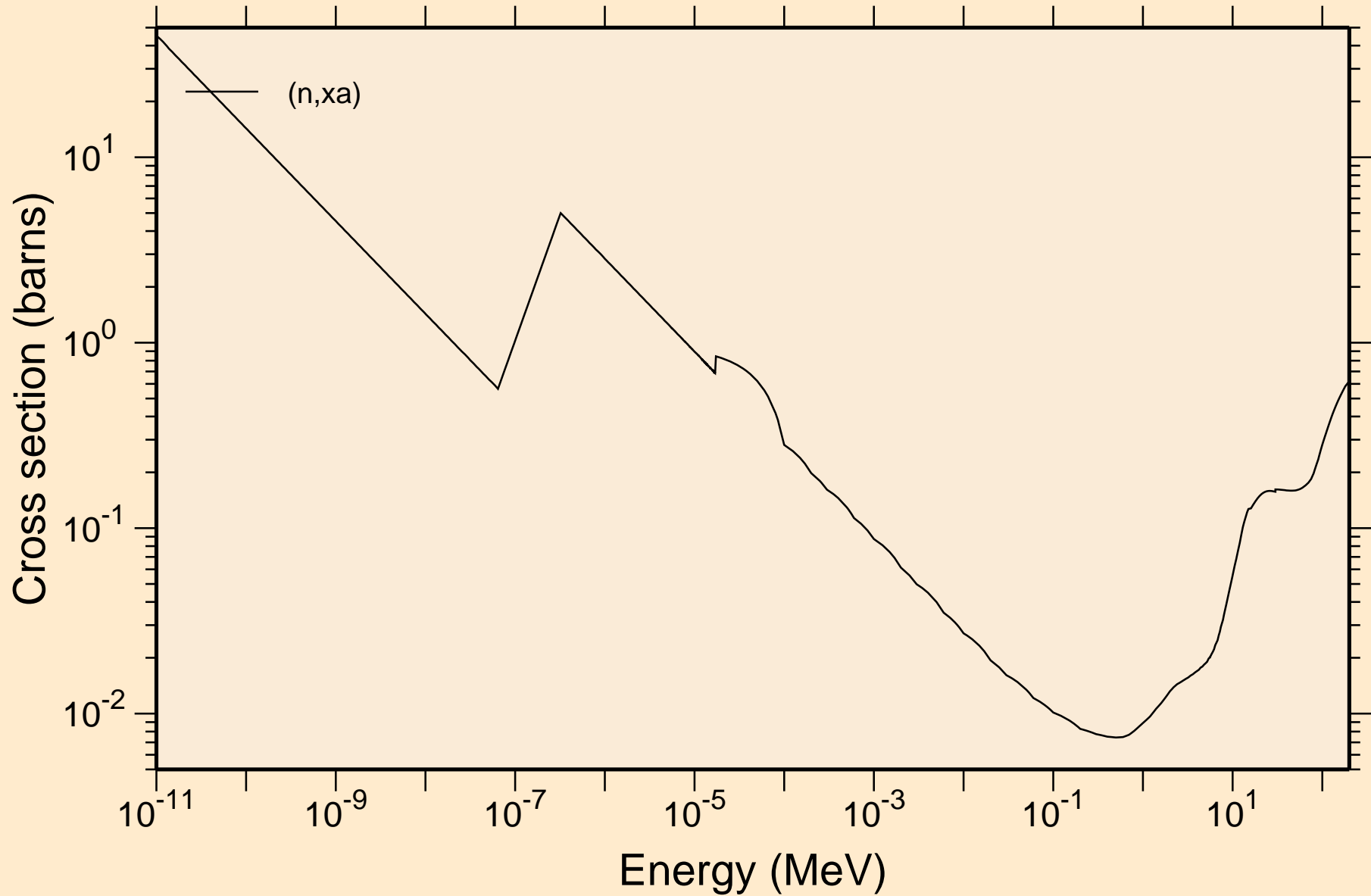
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

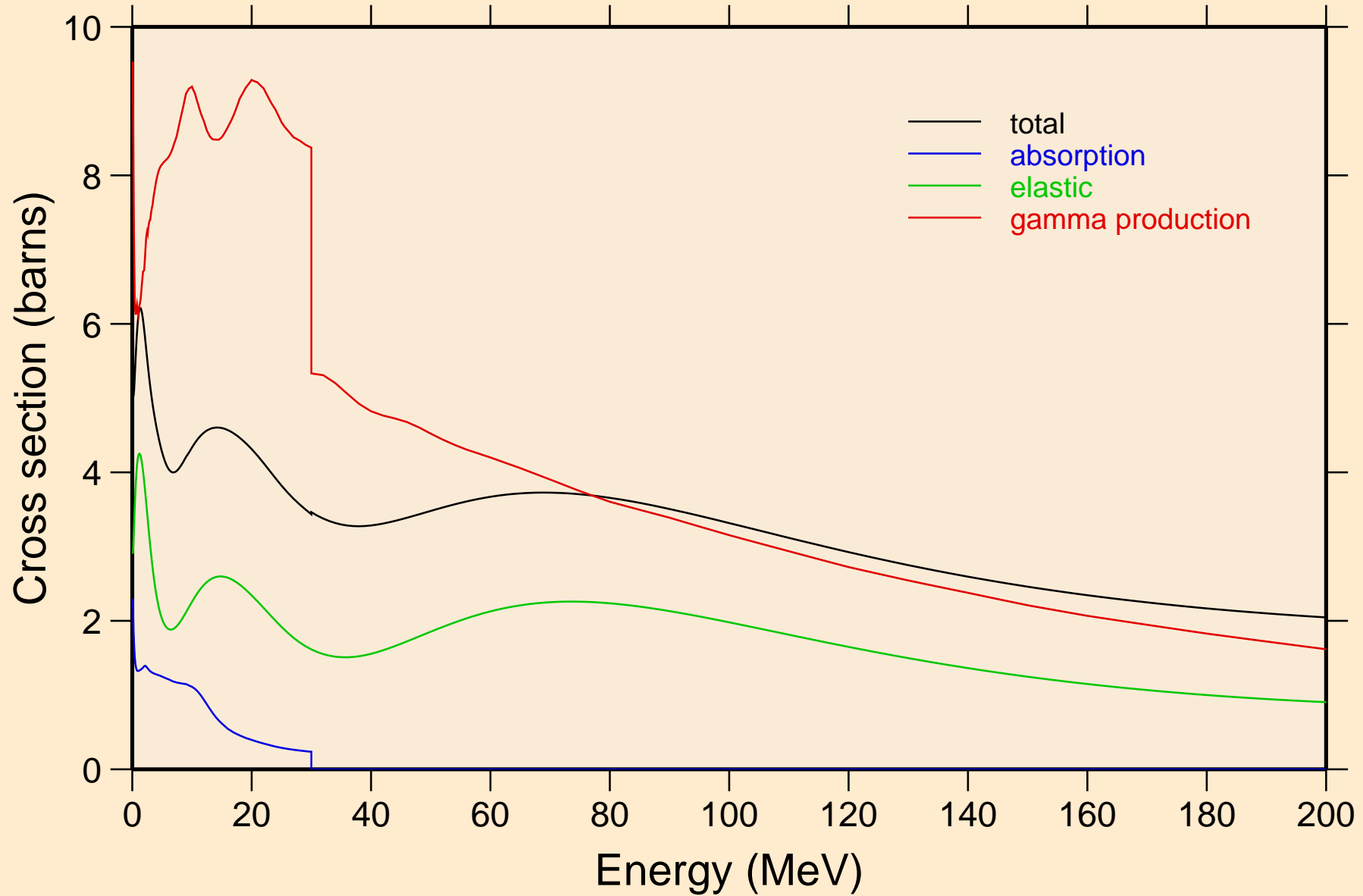


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



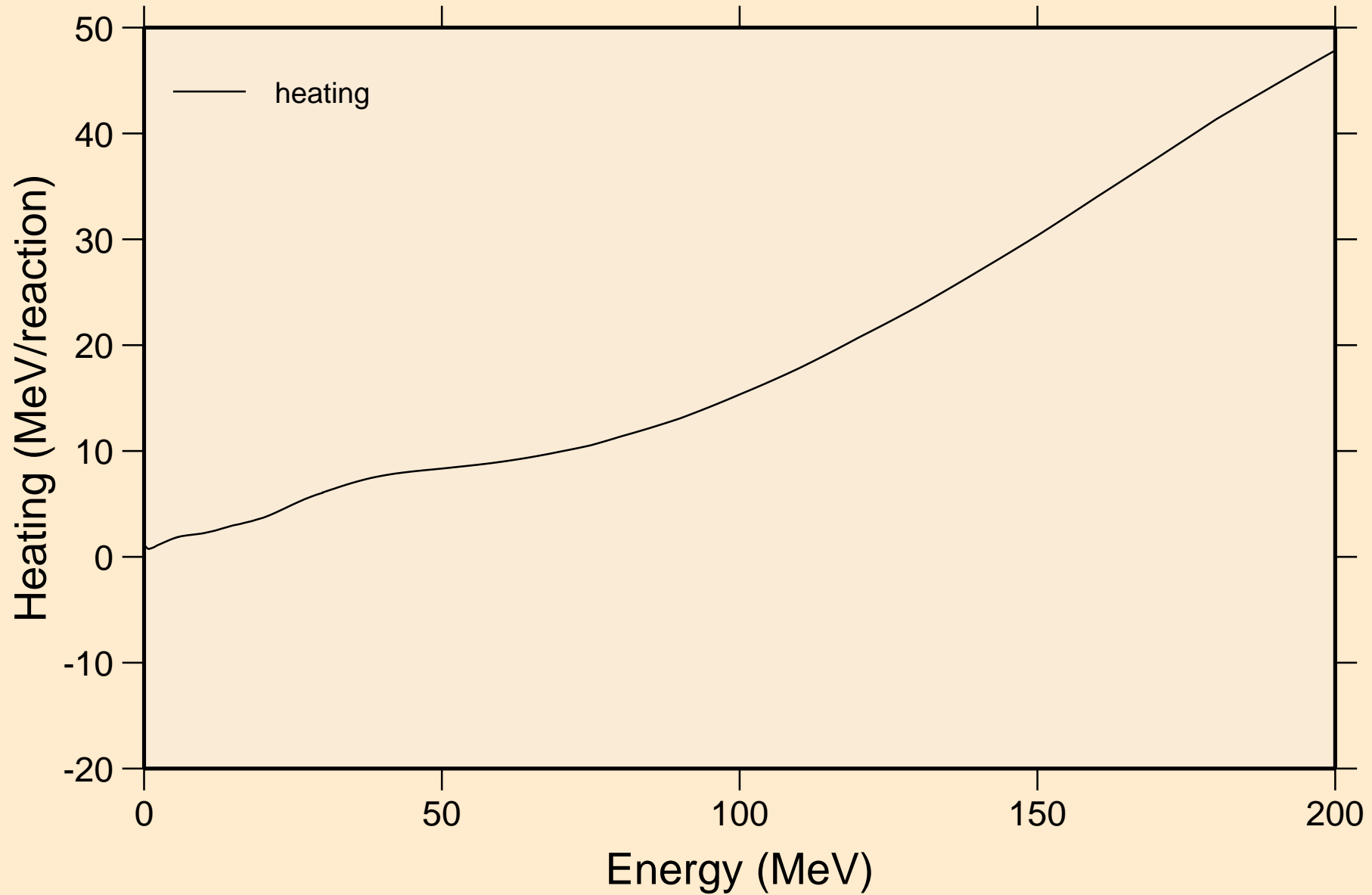
# BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

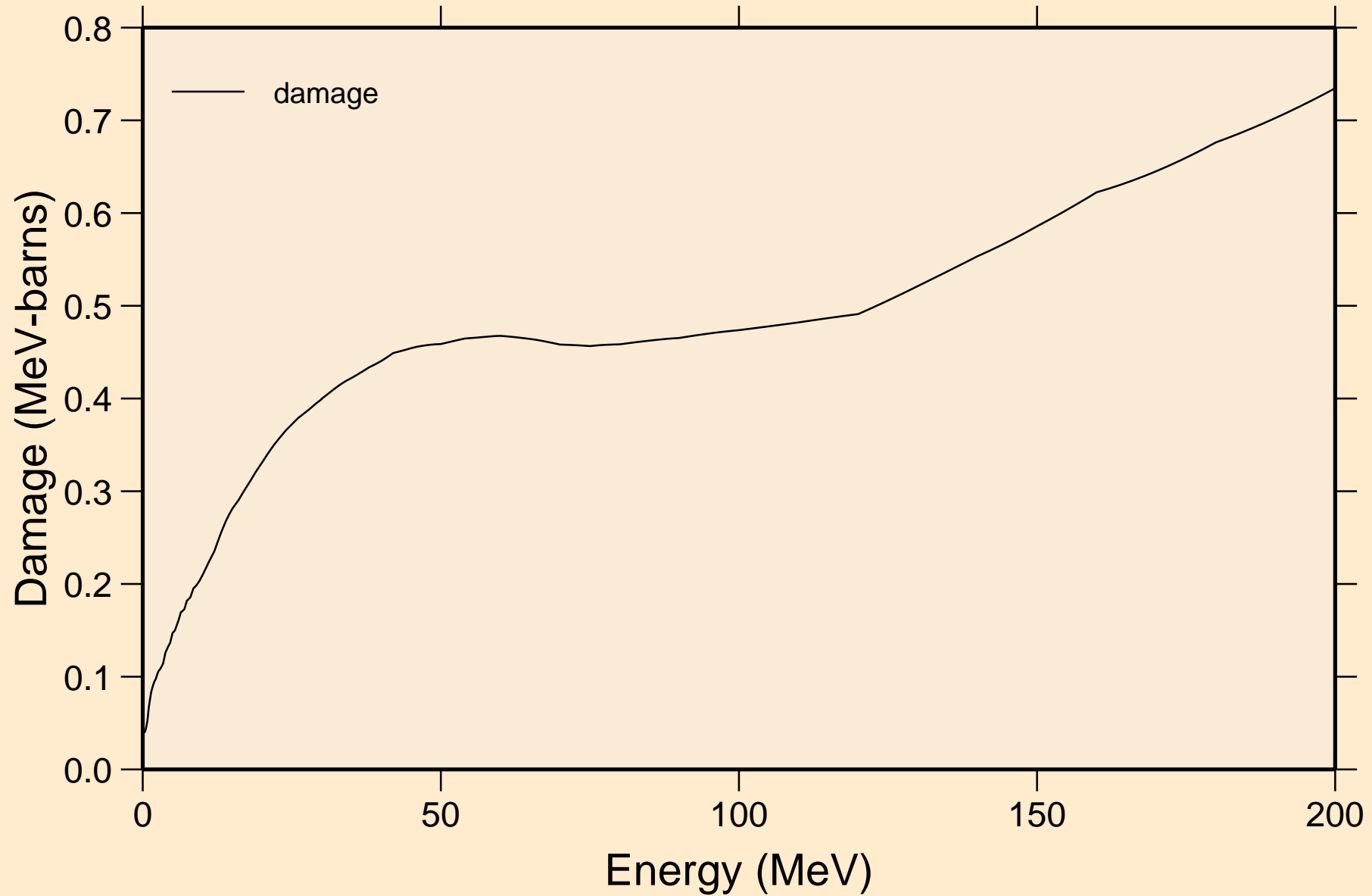


# BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

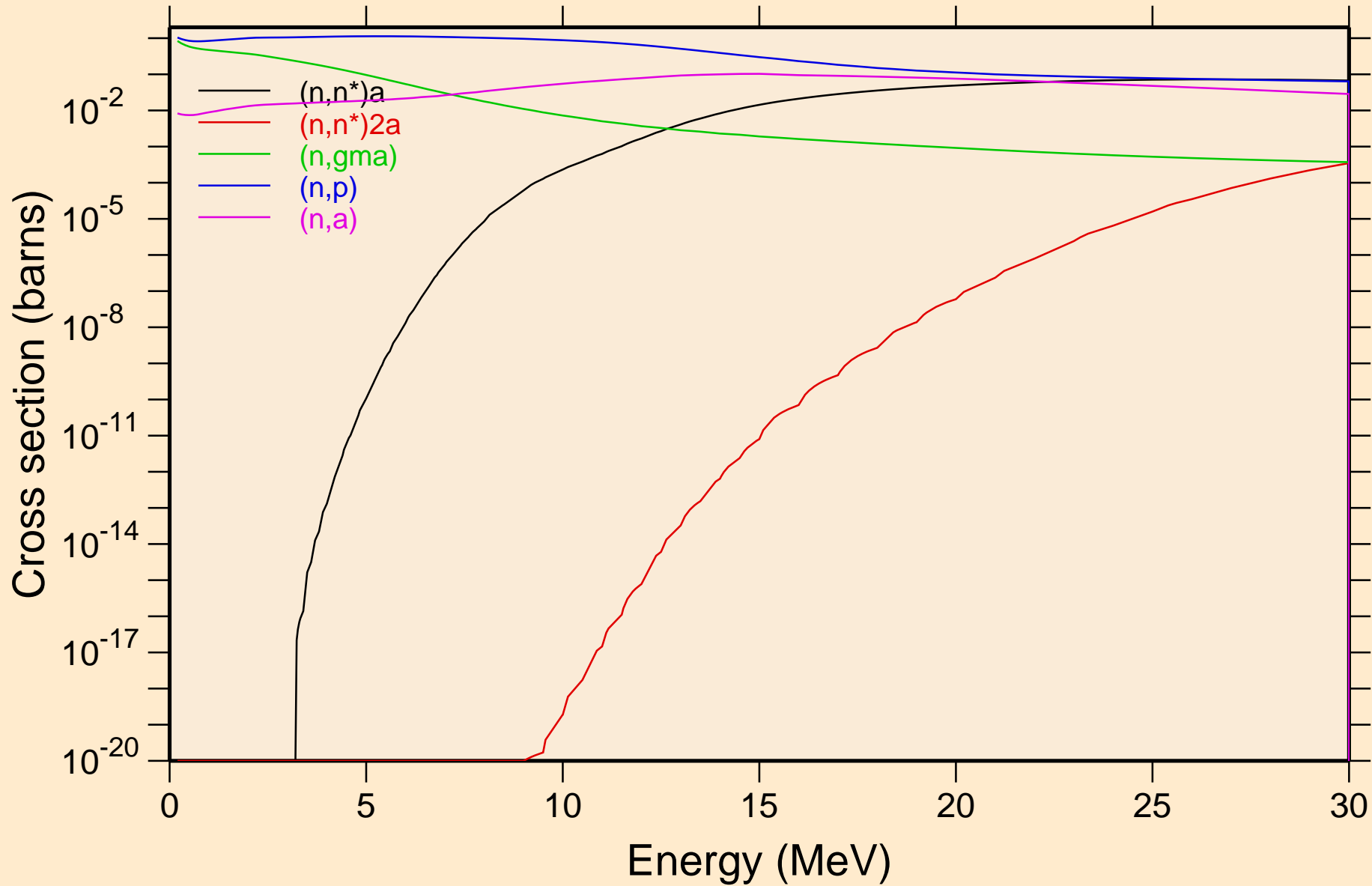


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

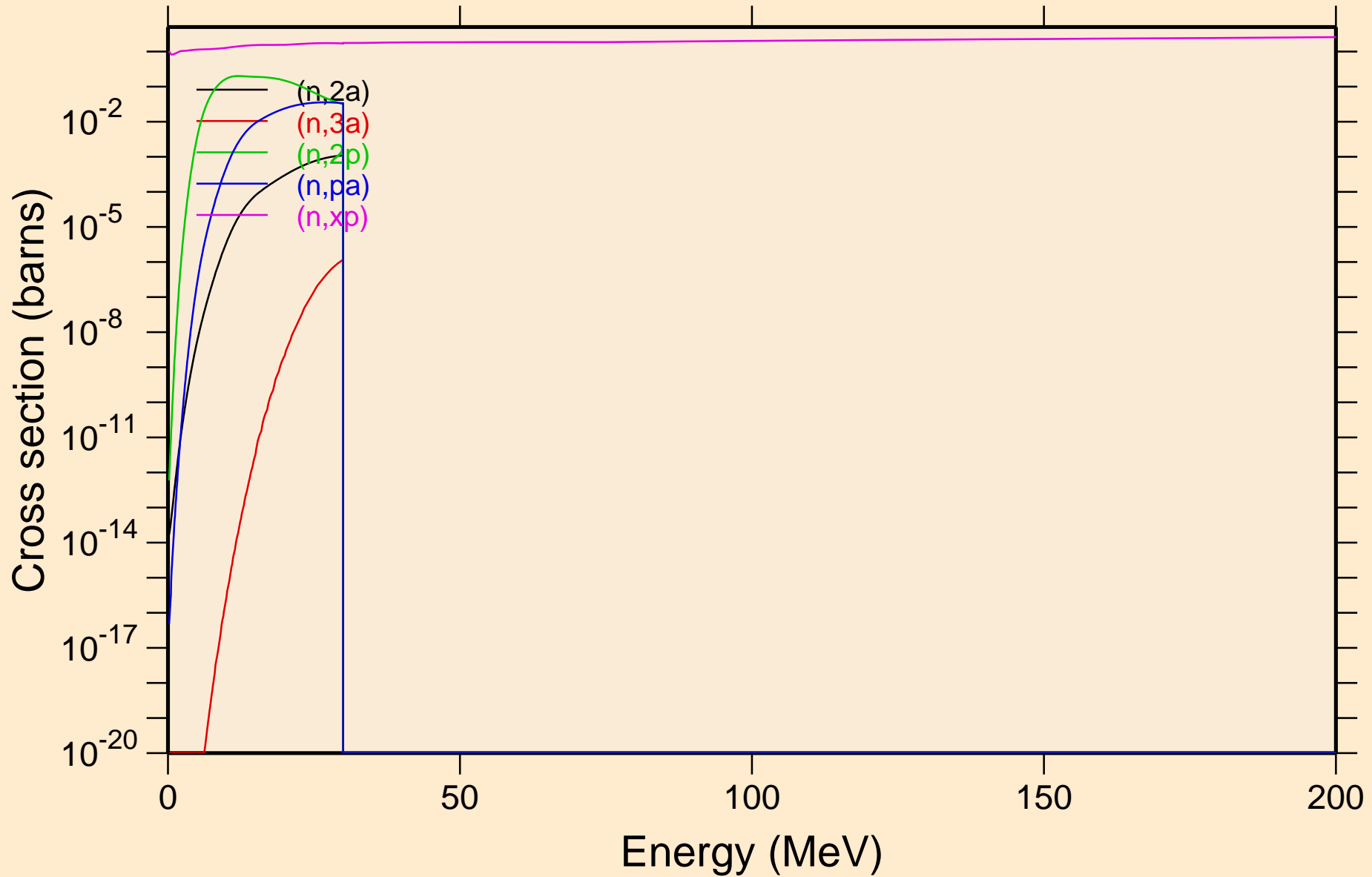




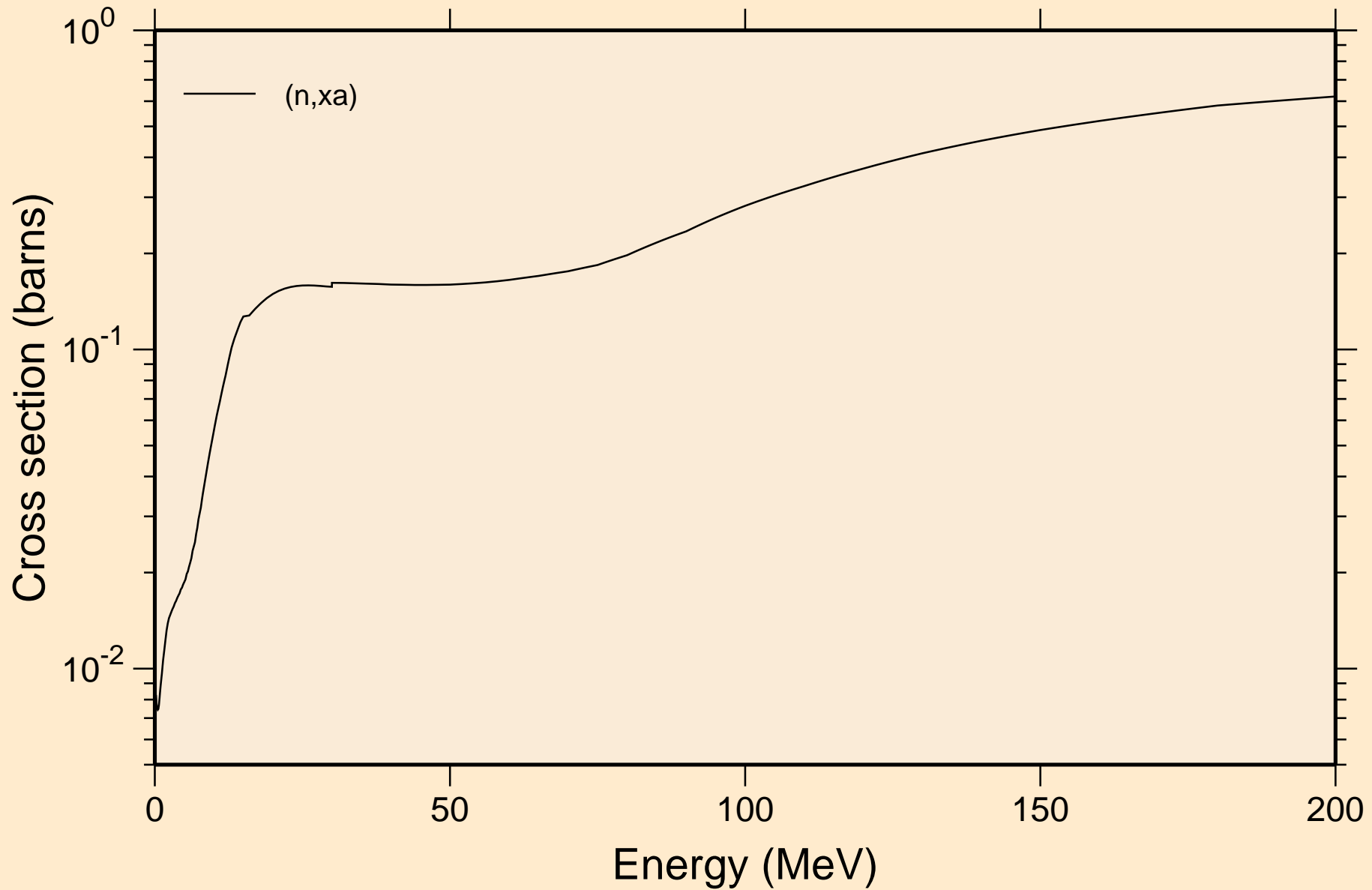
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



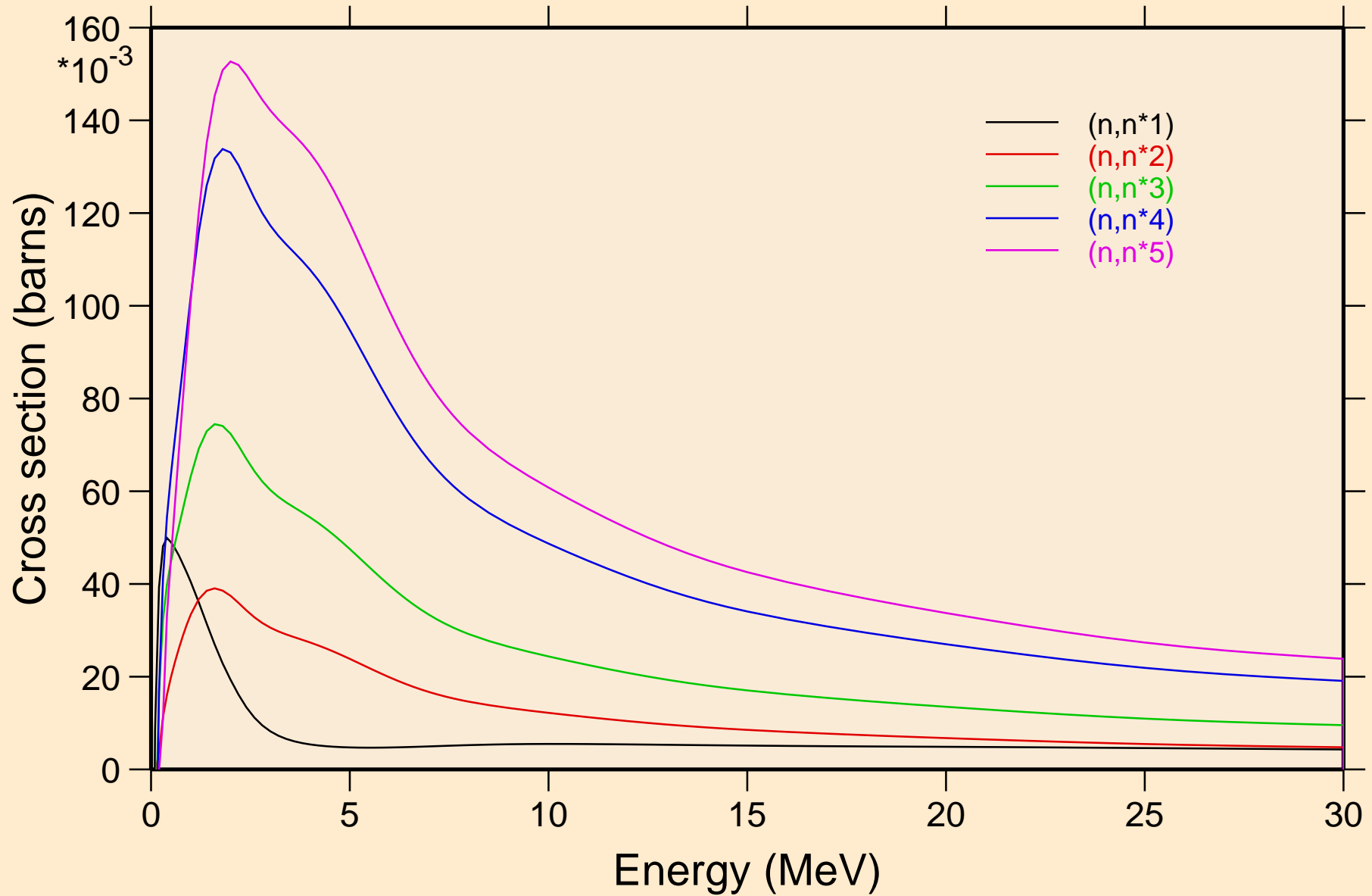
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Non-threshold reactions



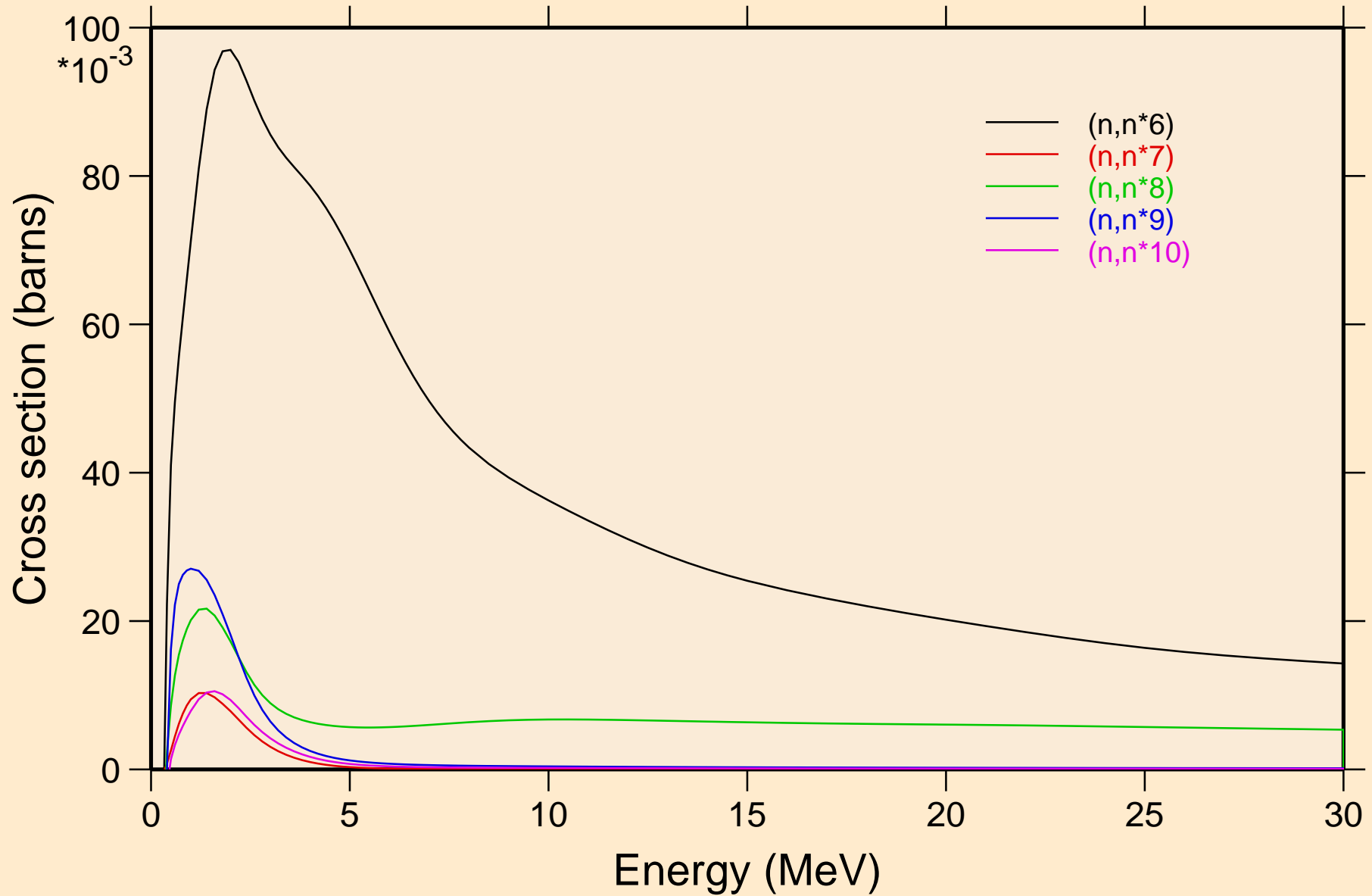
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



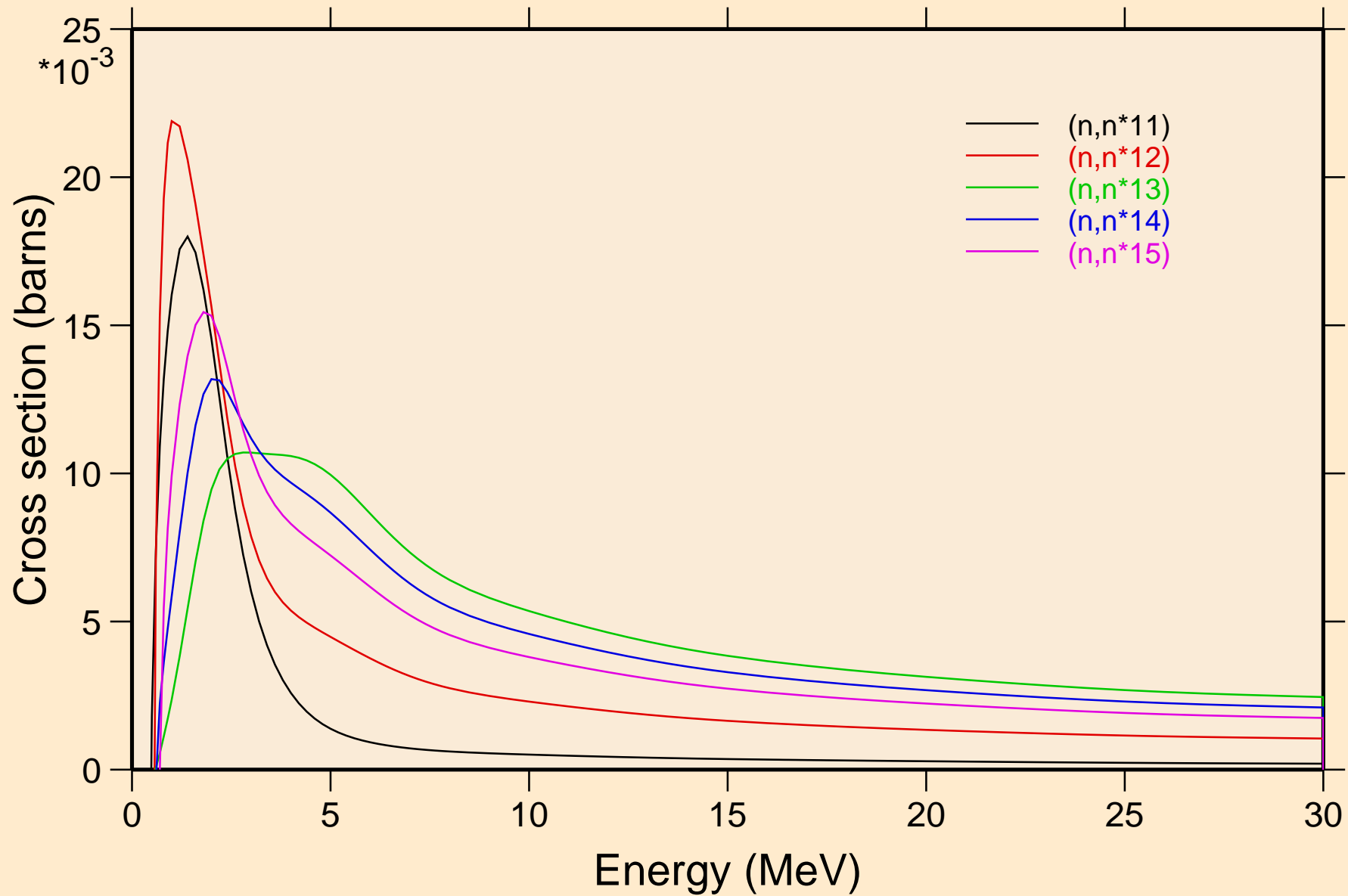
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

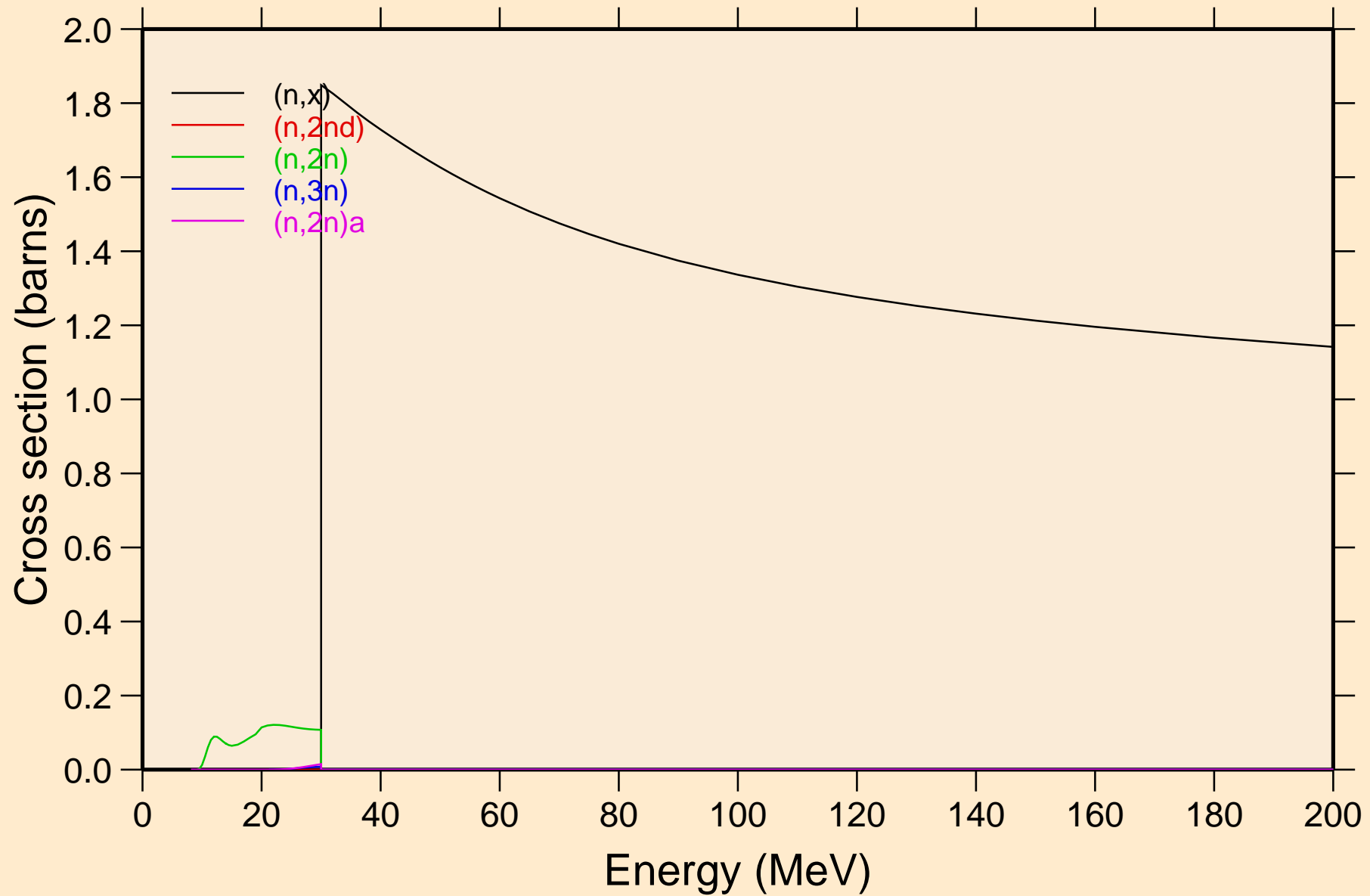


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

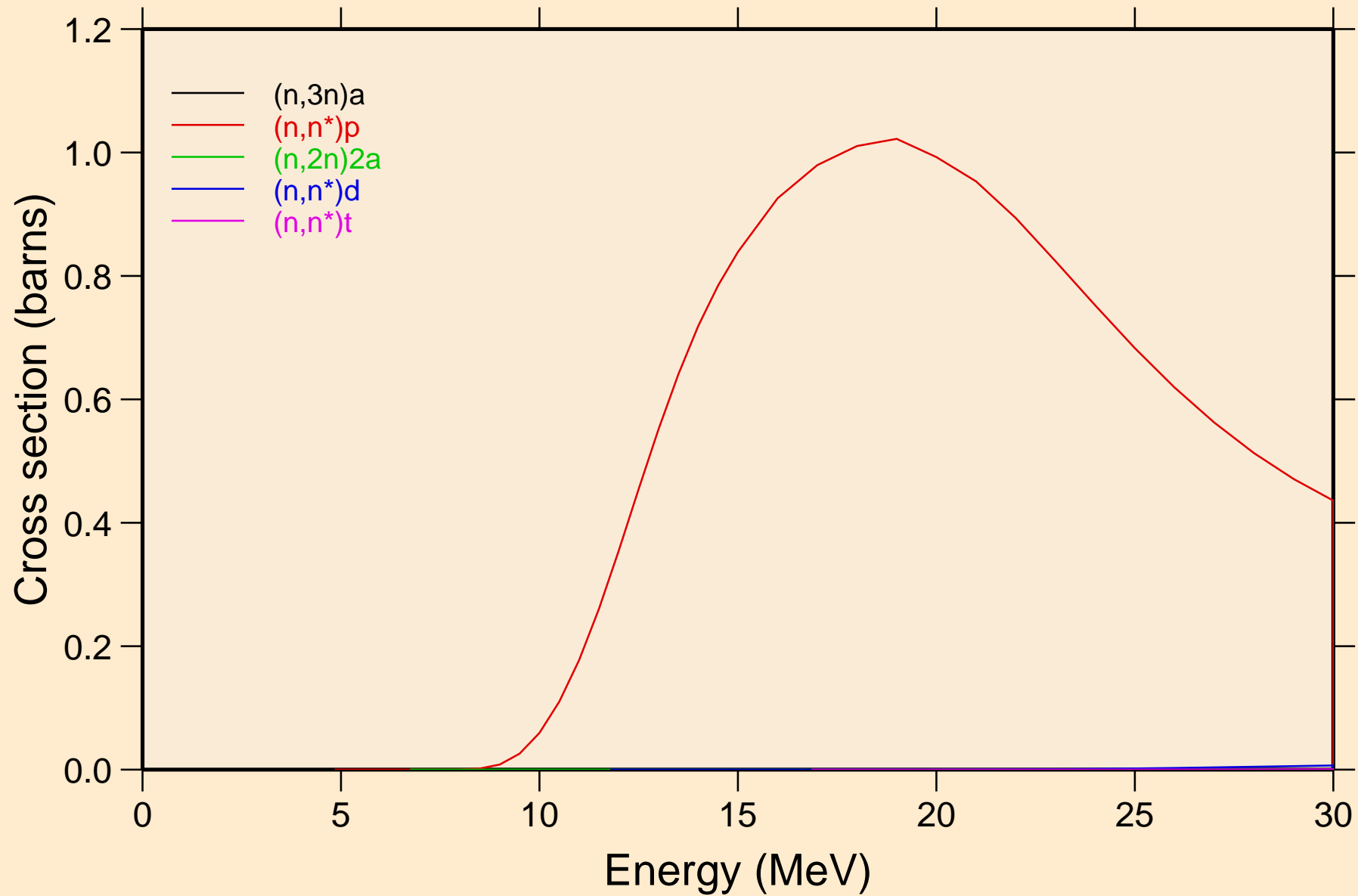


# BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

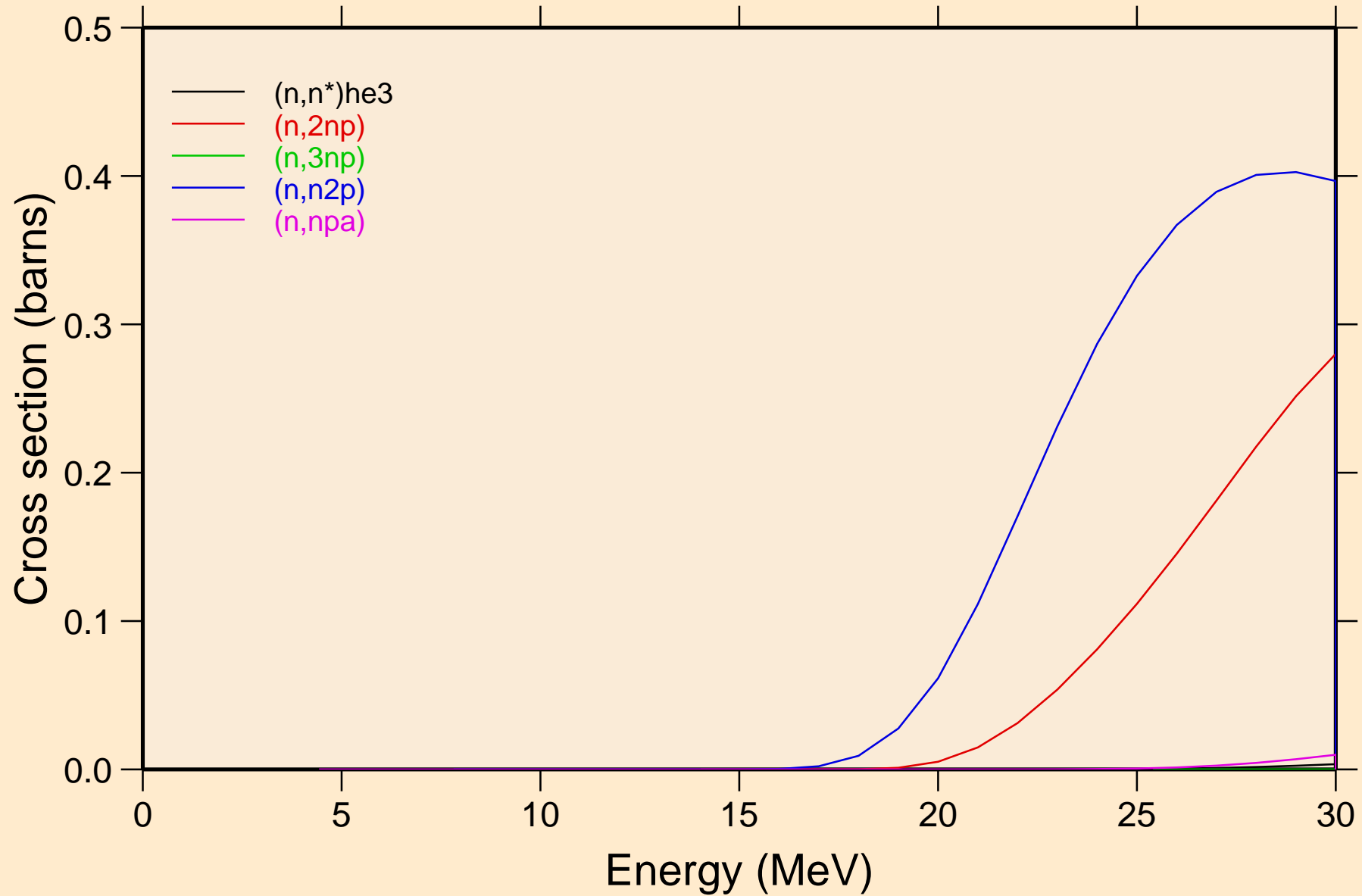


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



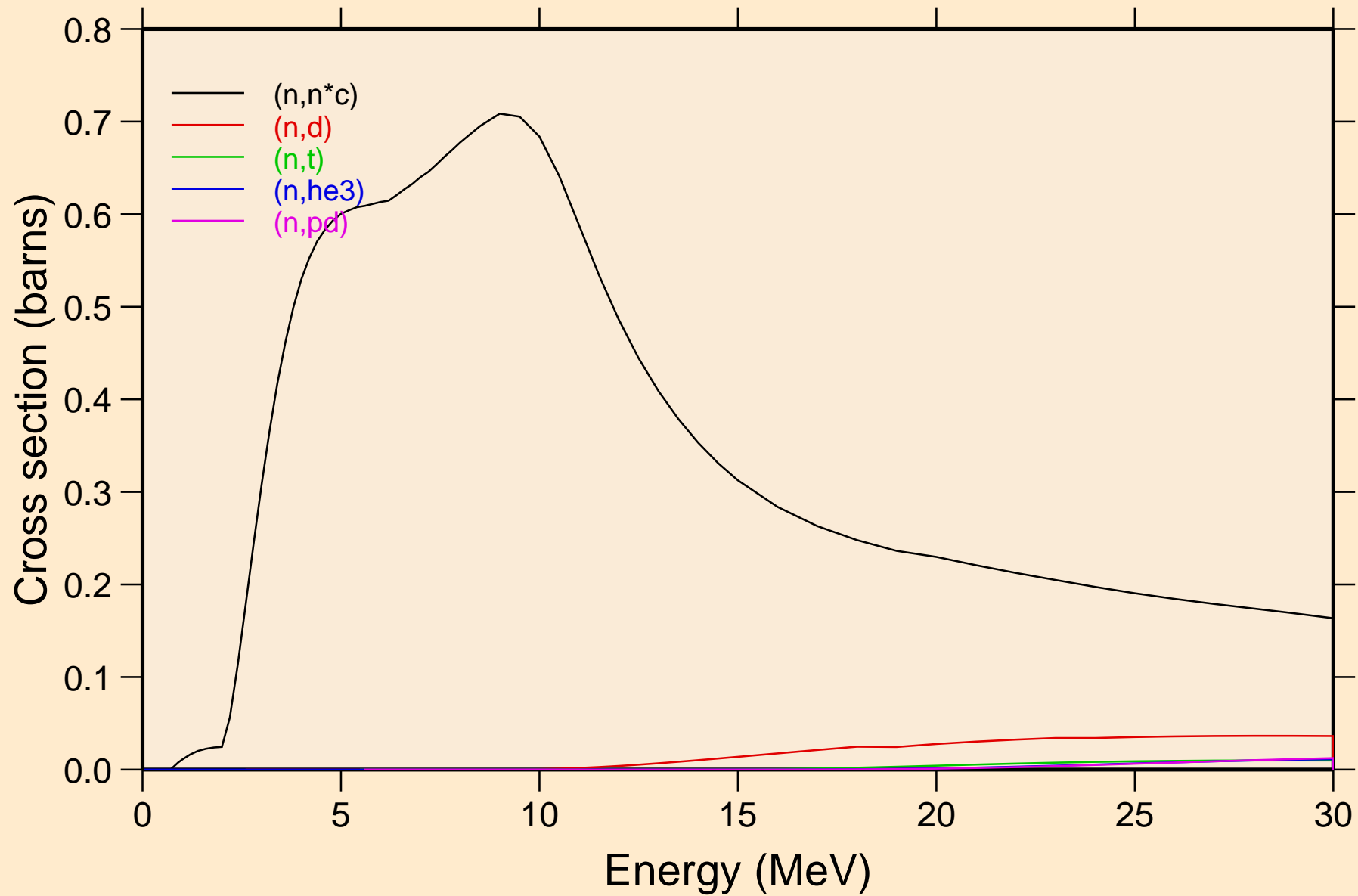


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

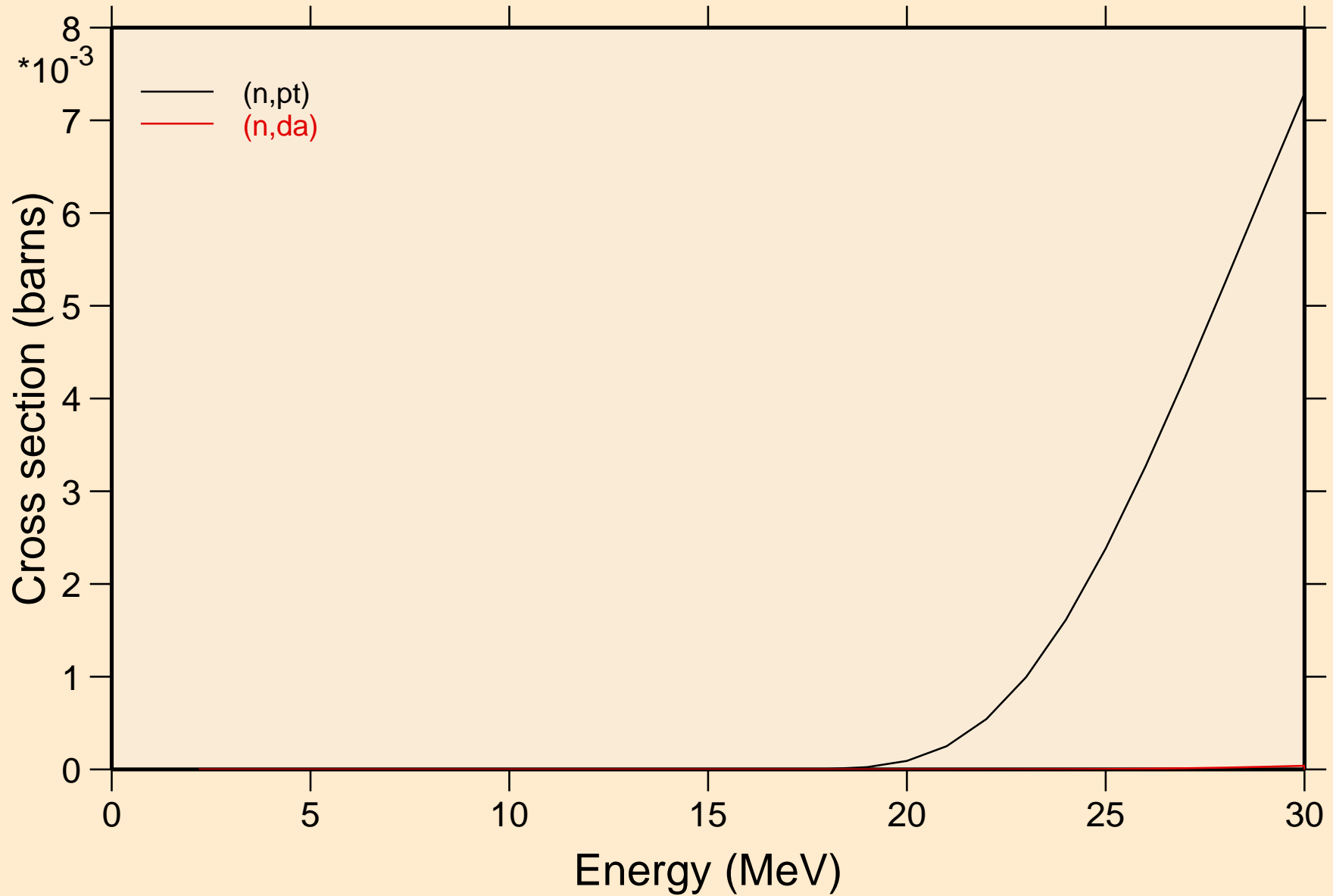


# BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

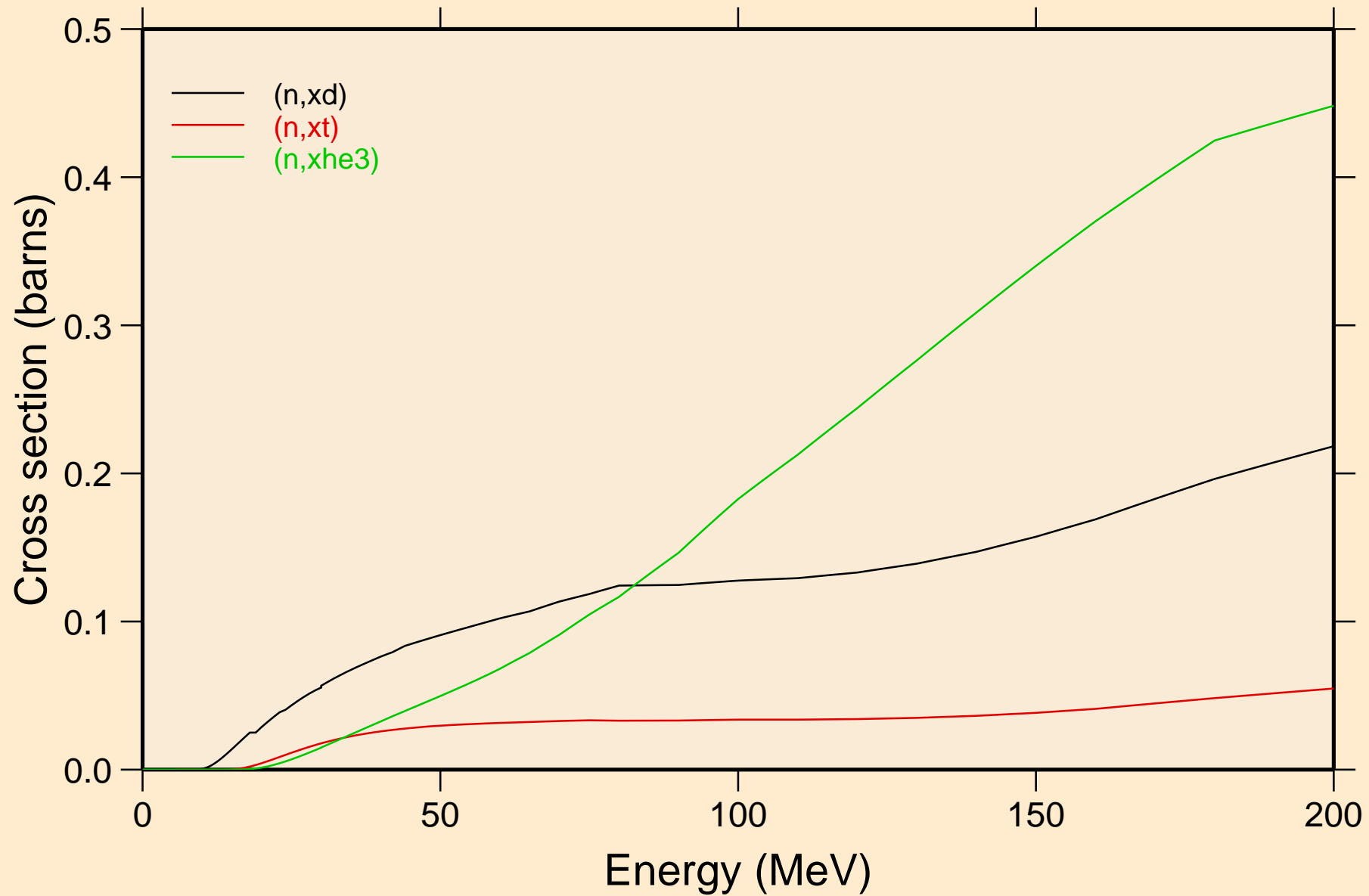
## Threshold reactions



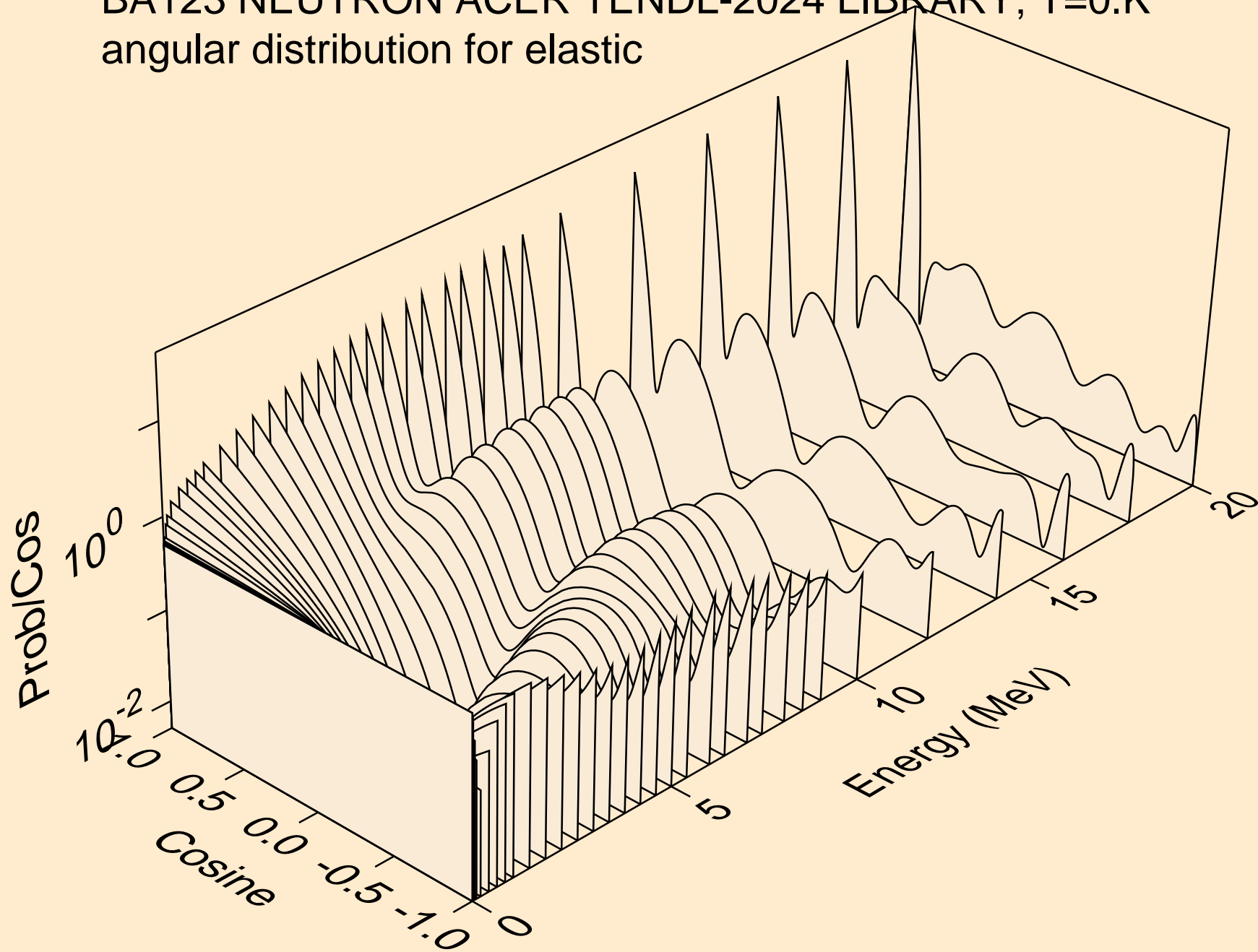
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



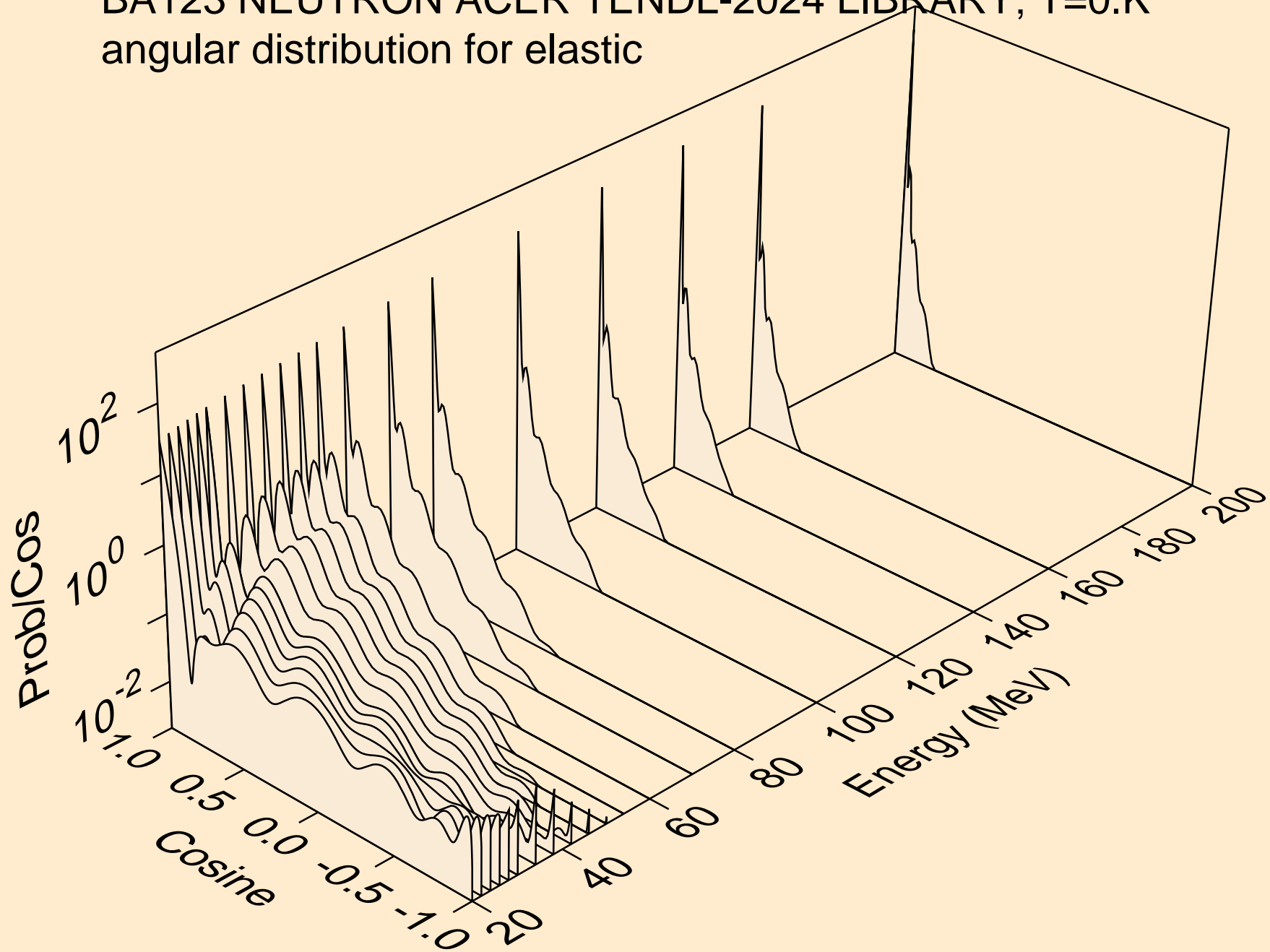
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



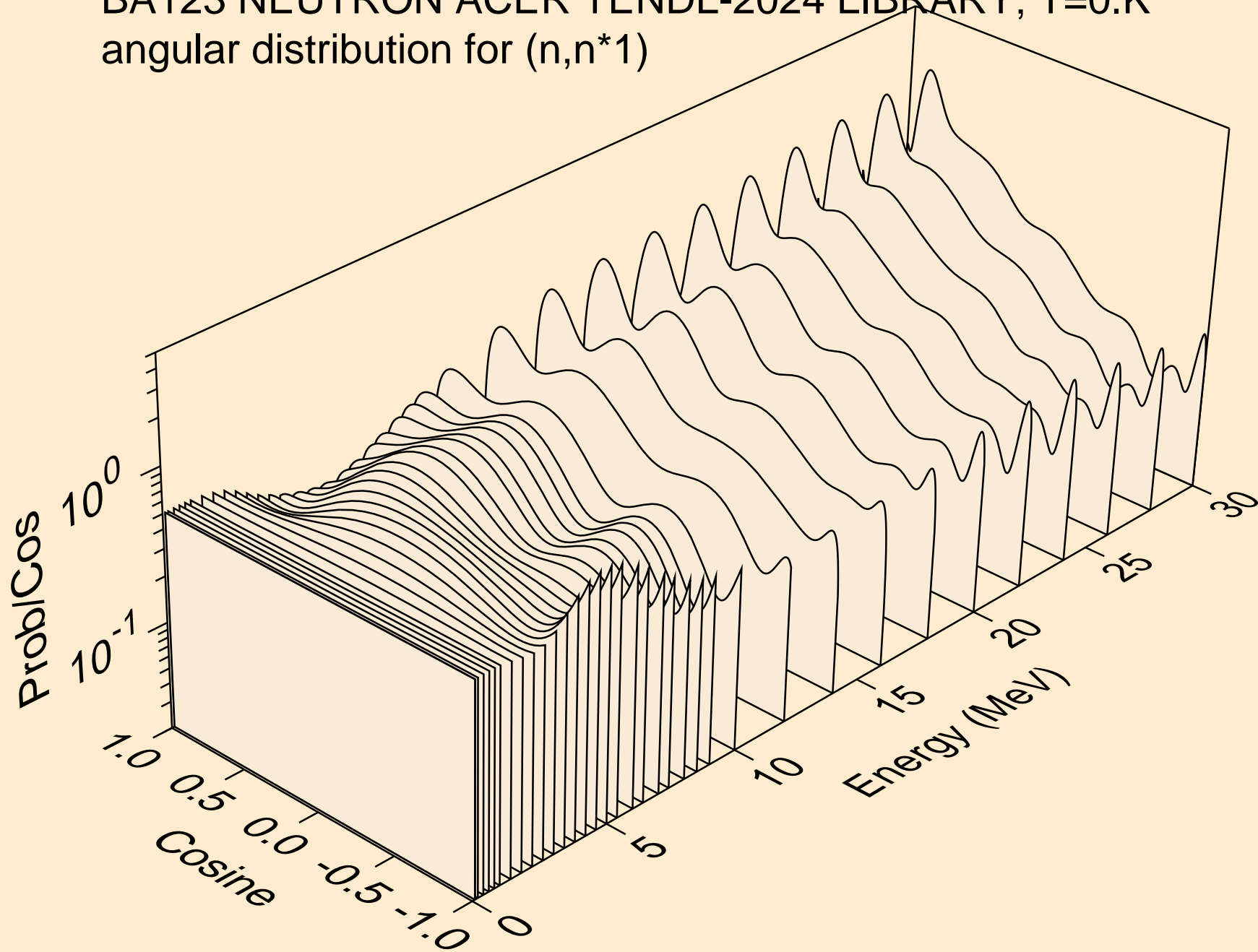
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



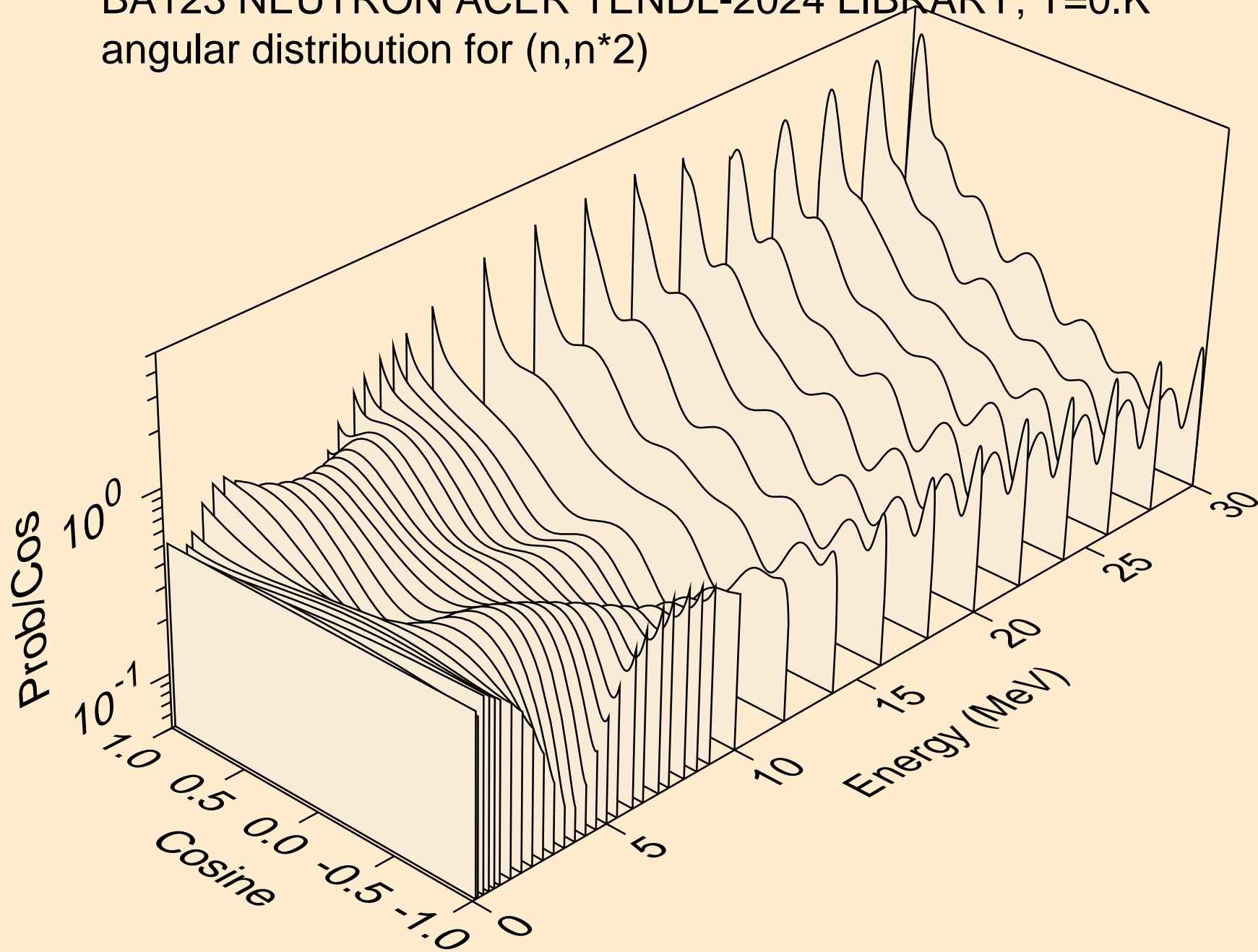
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

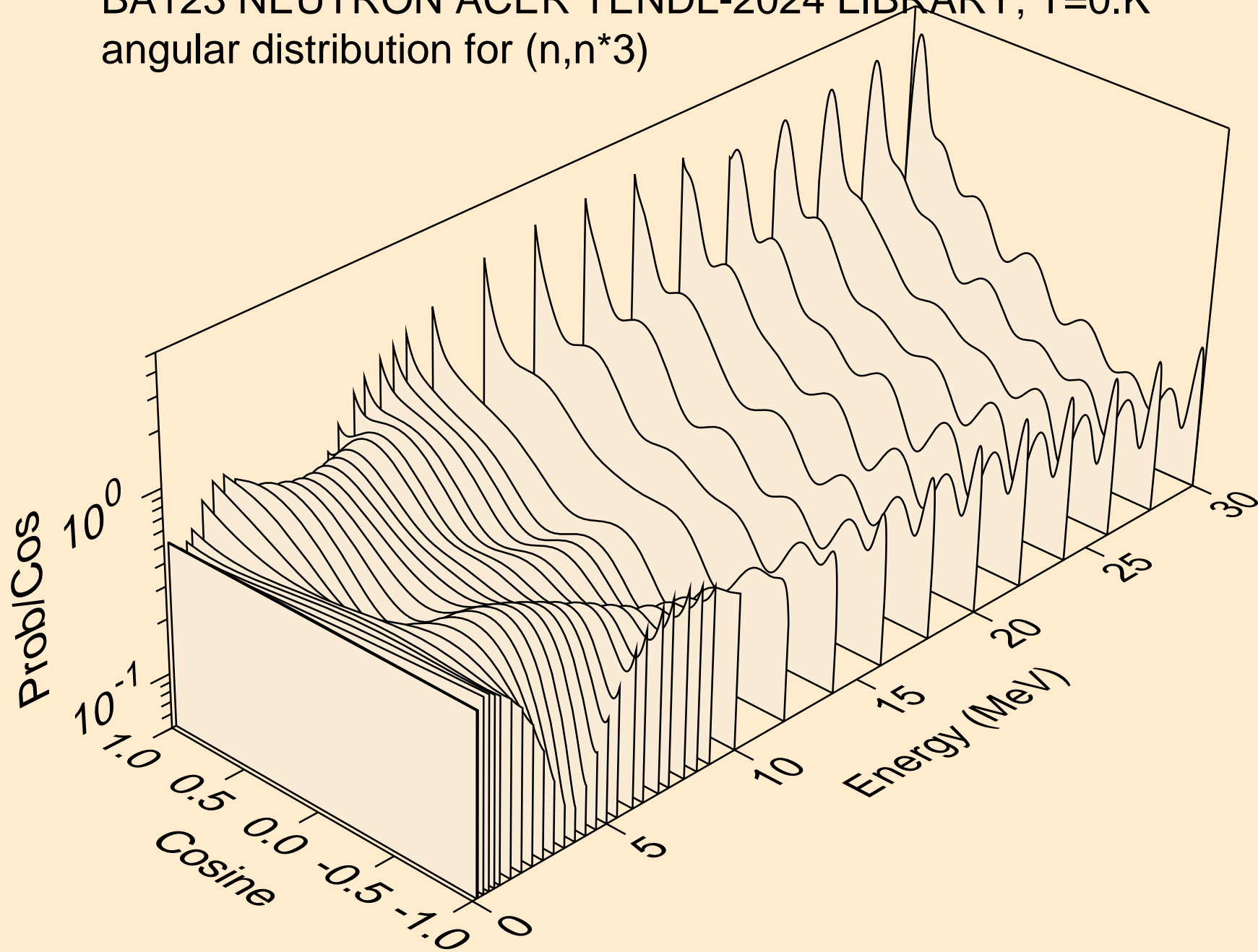


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

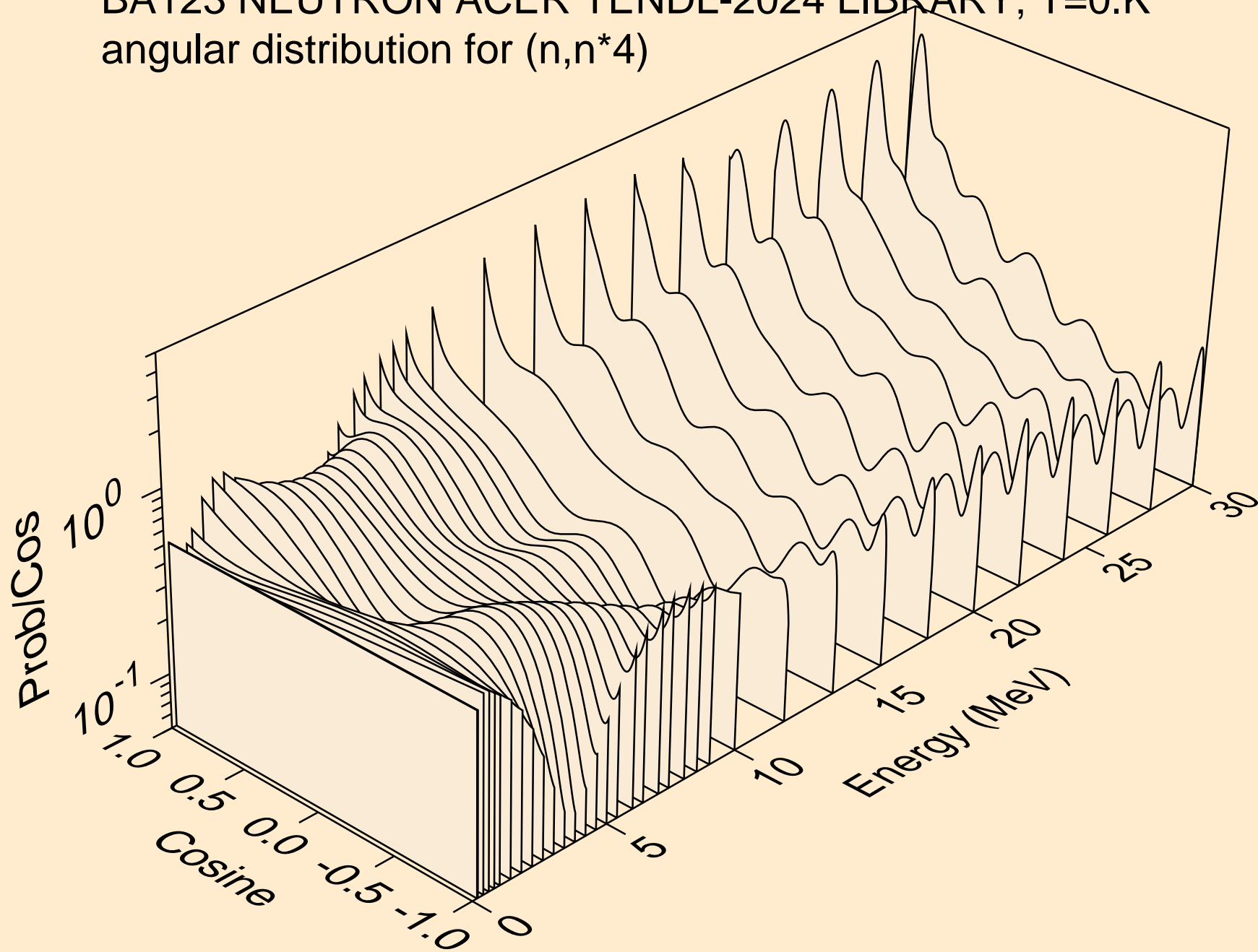




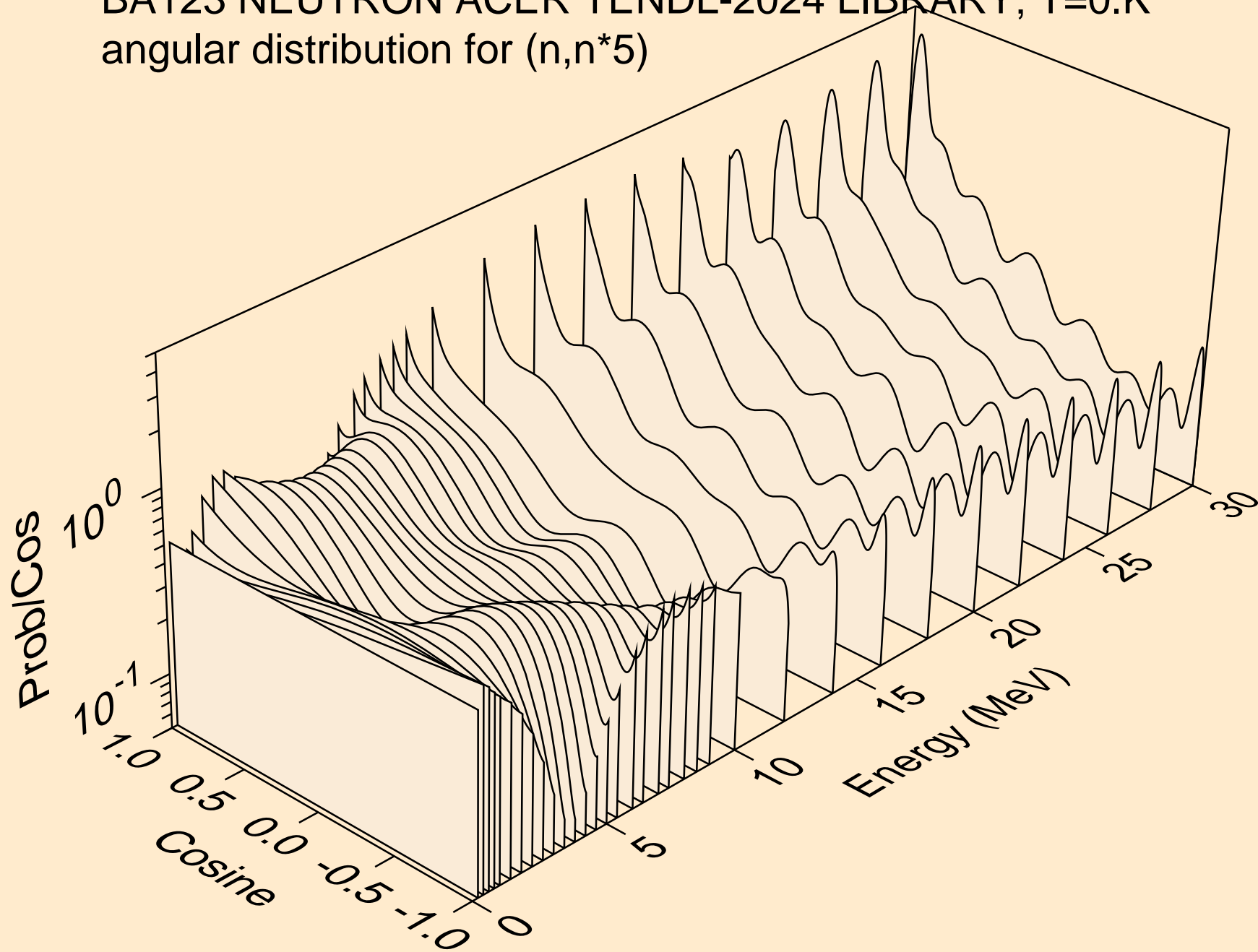
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angular distribution for (n,n\*3)



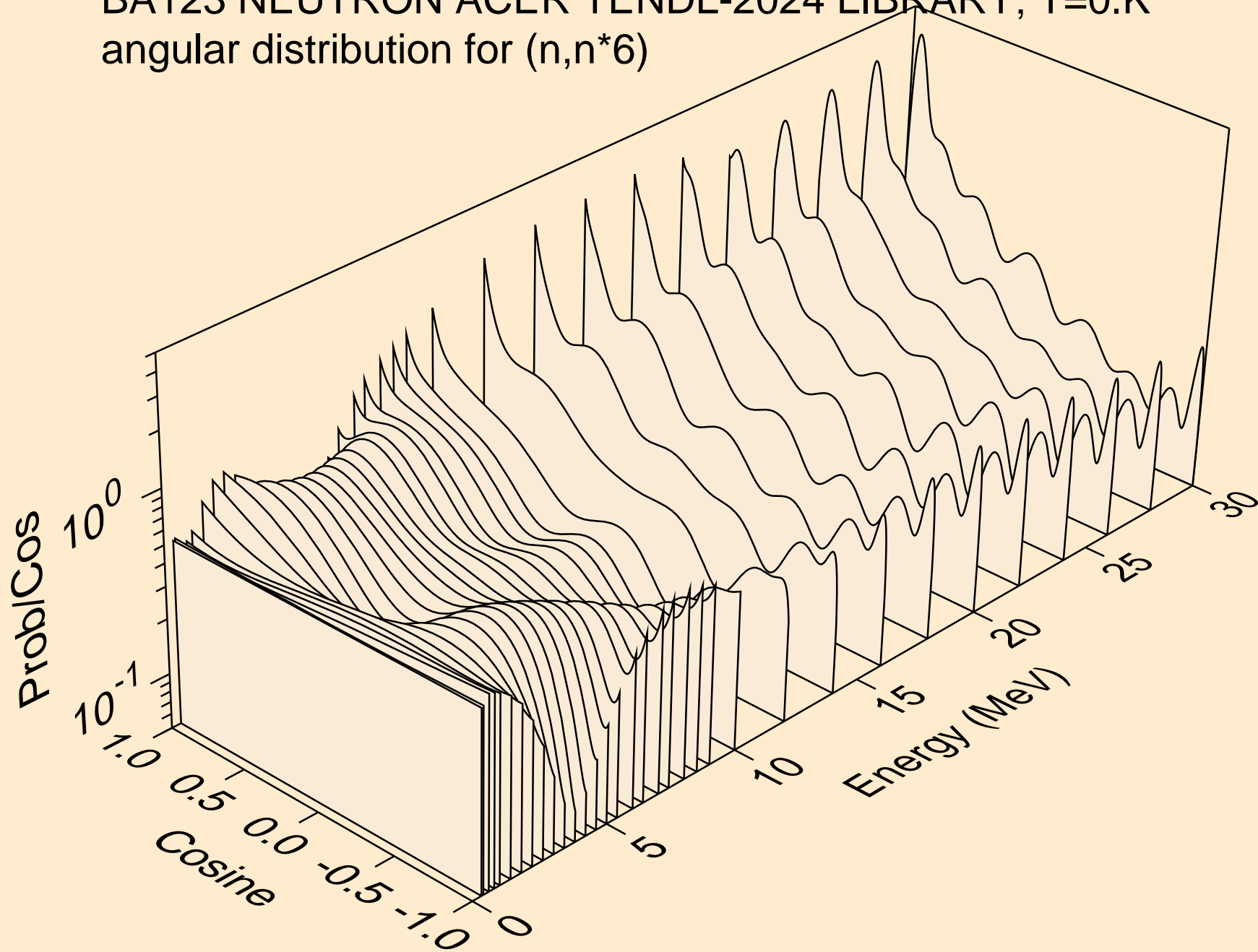
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angular distribution for (n,n\*4)



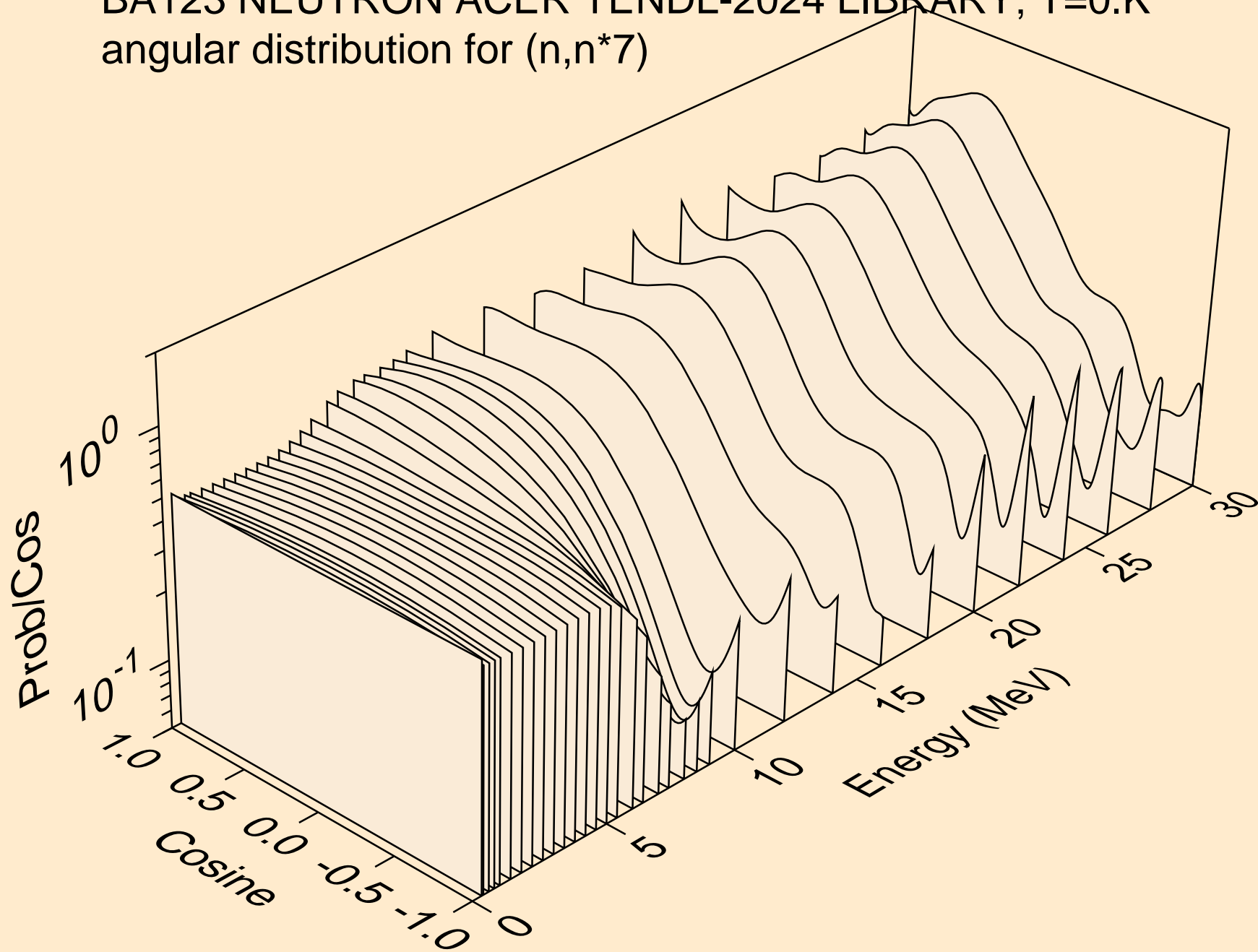
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angular distribution for (n,n\*5)



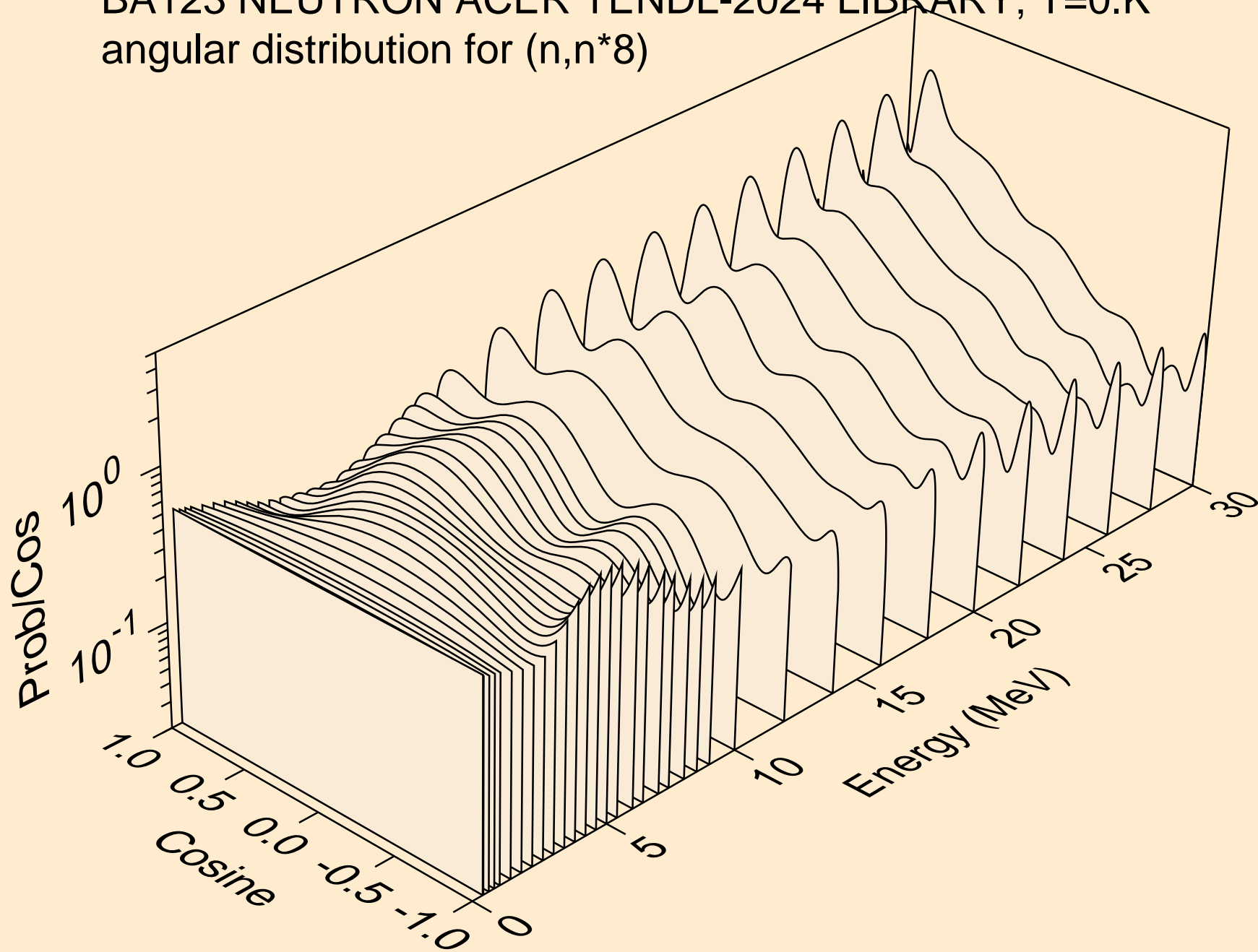
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angular distribution for (n,n\*6)



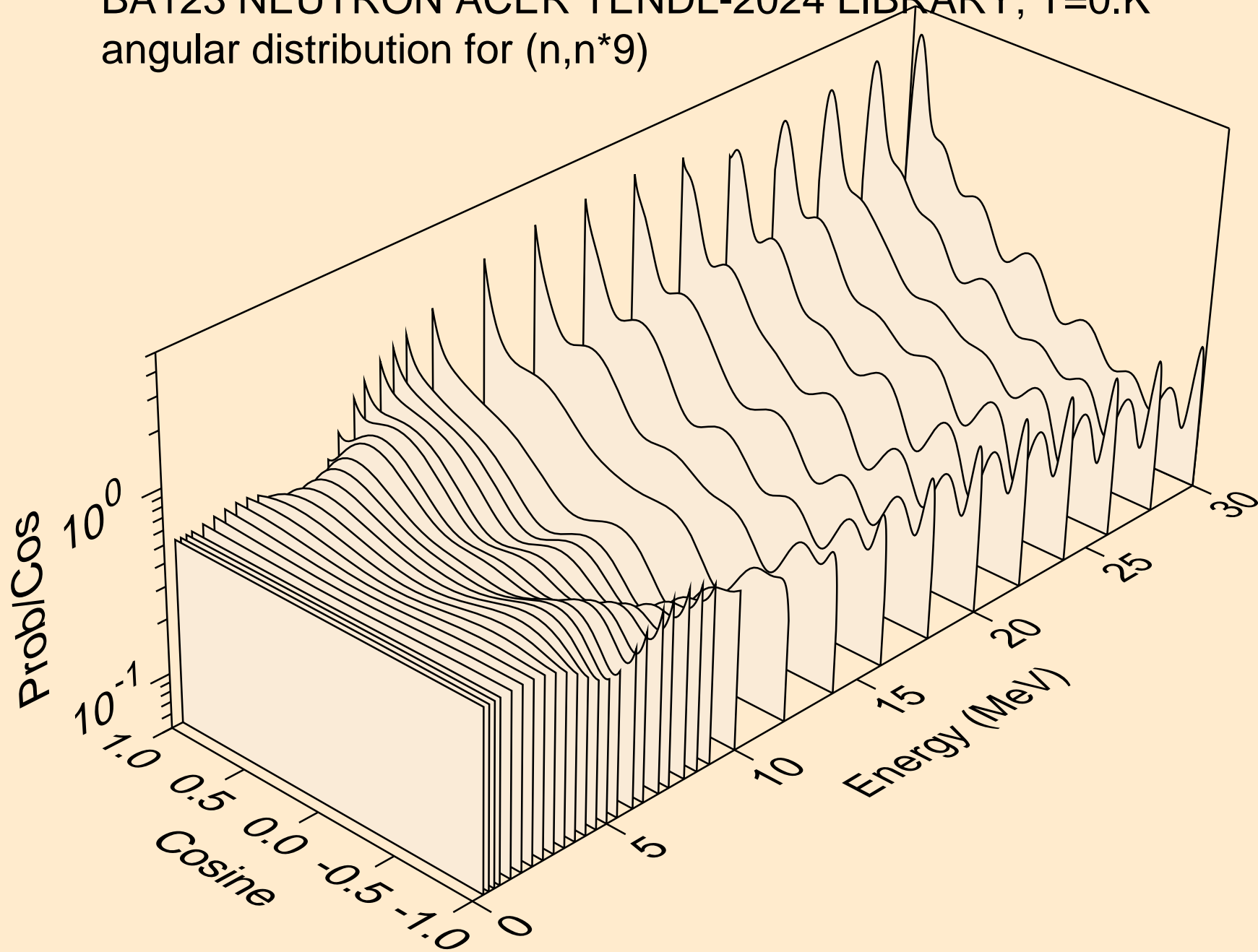
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angular distribution for (n,n\*7)



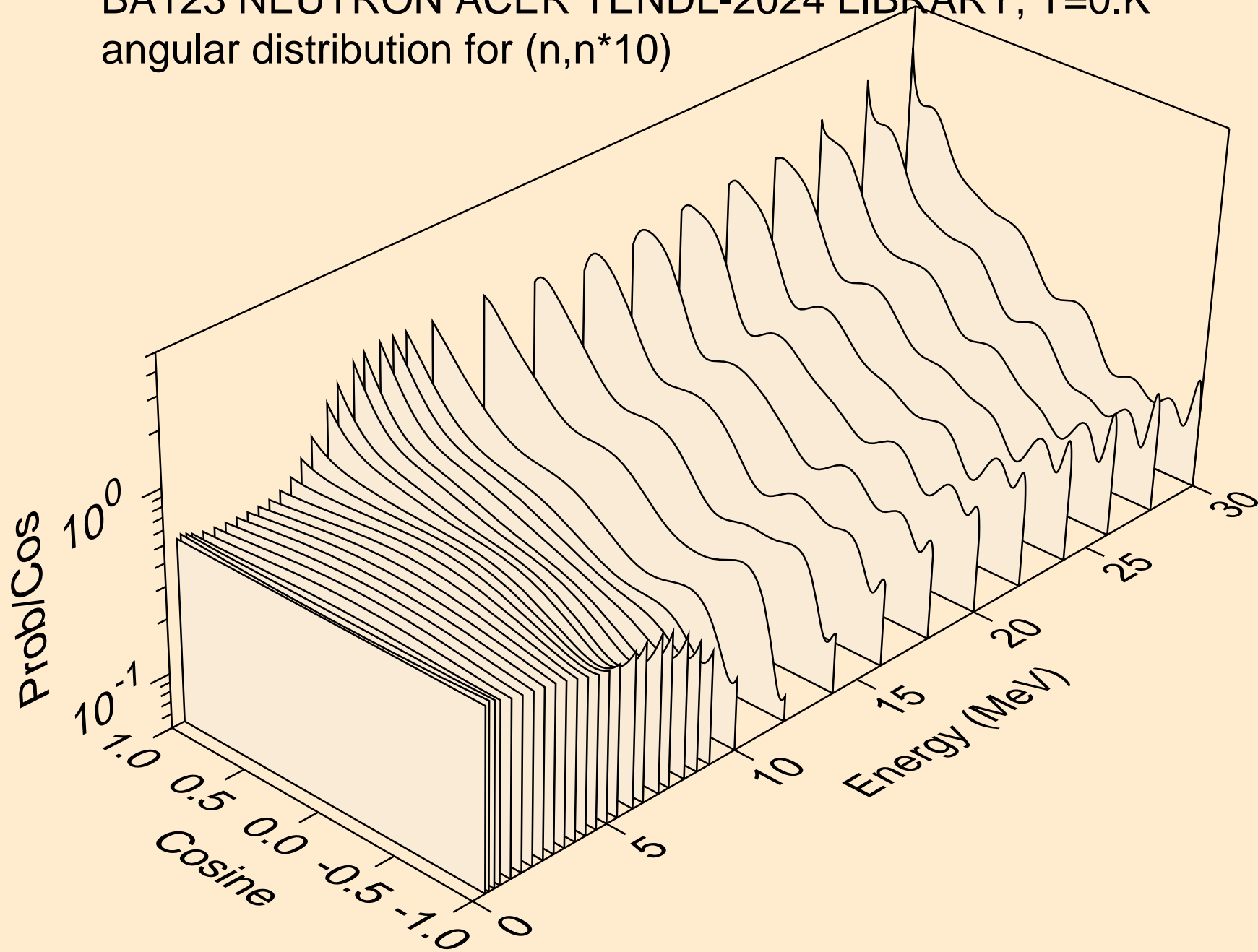
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

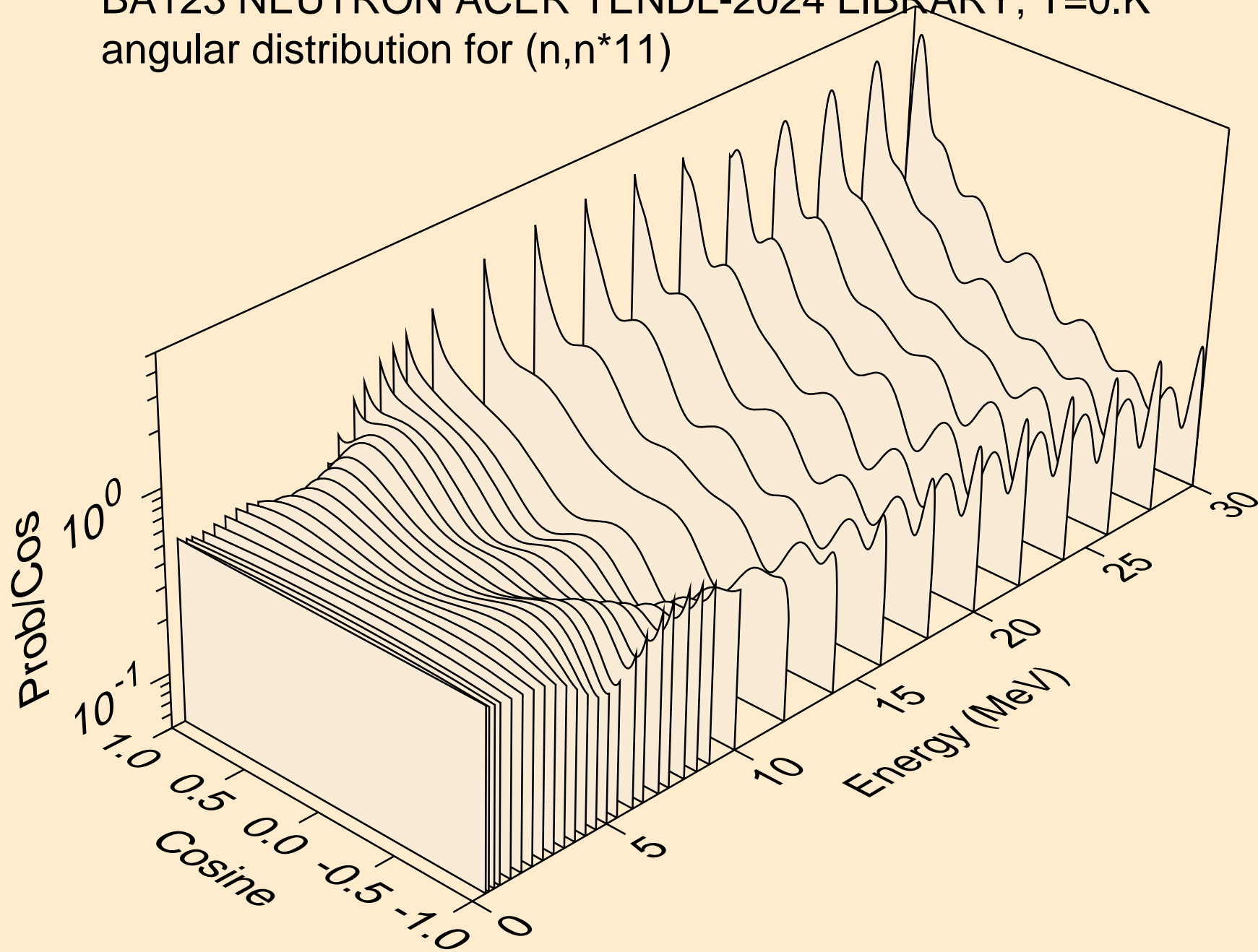


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

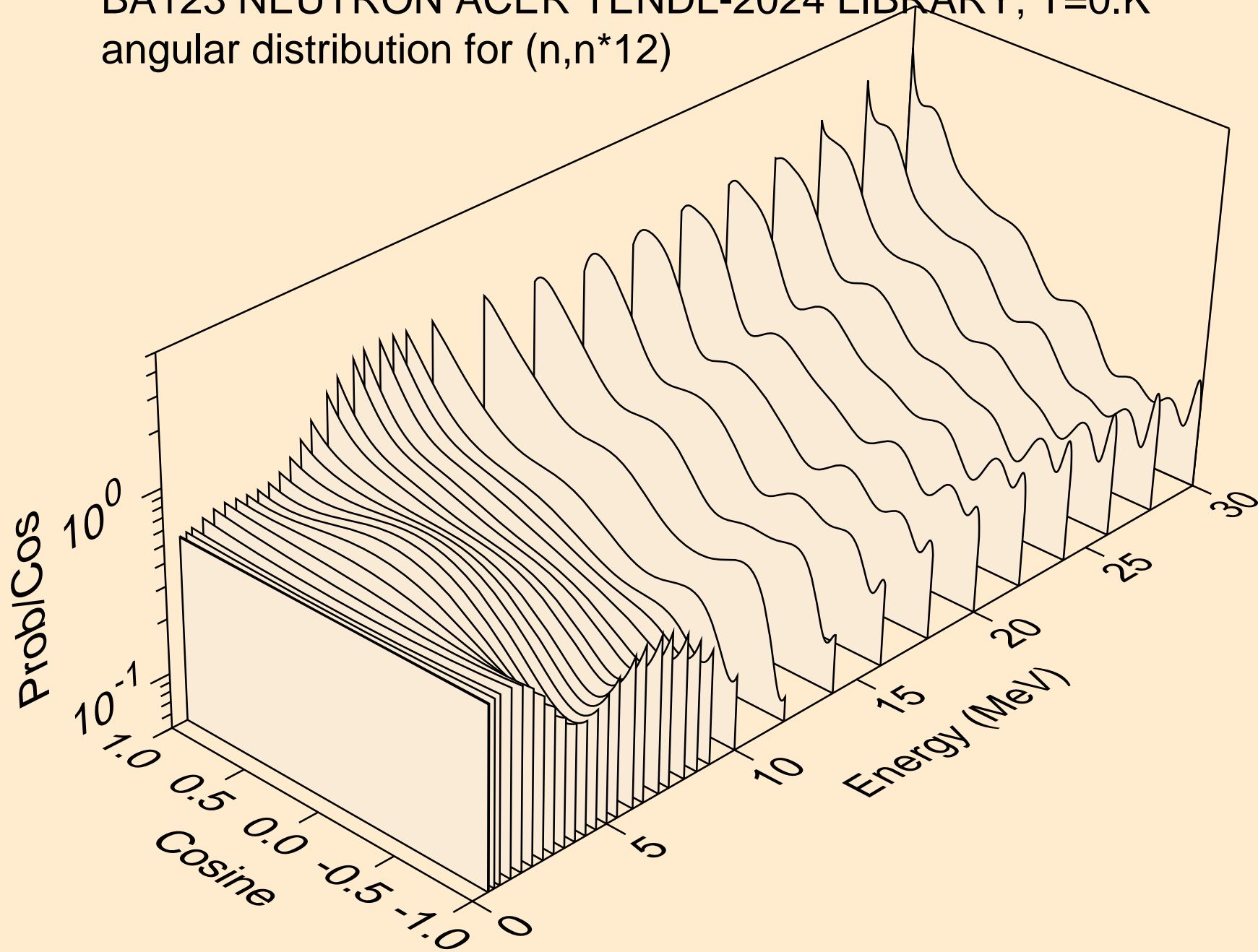




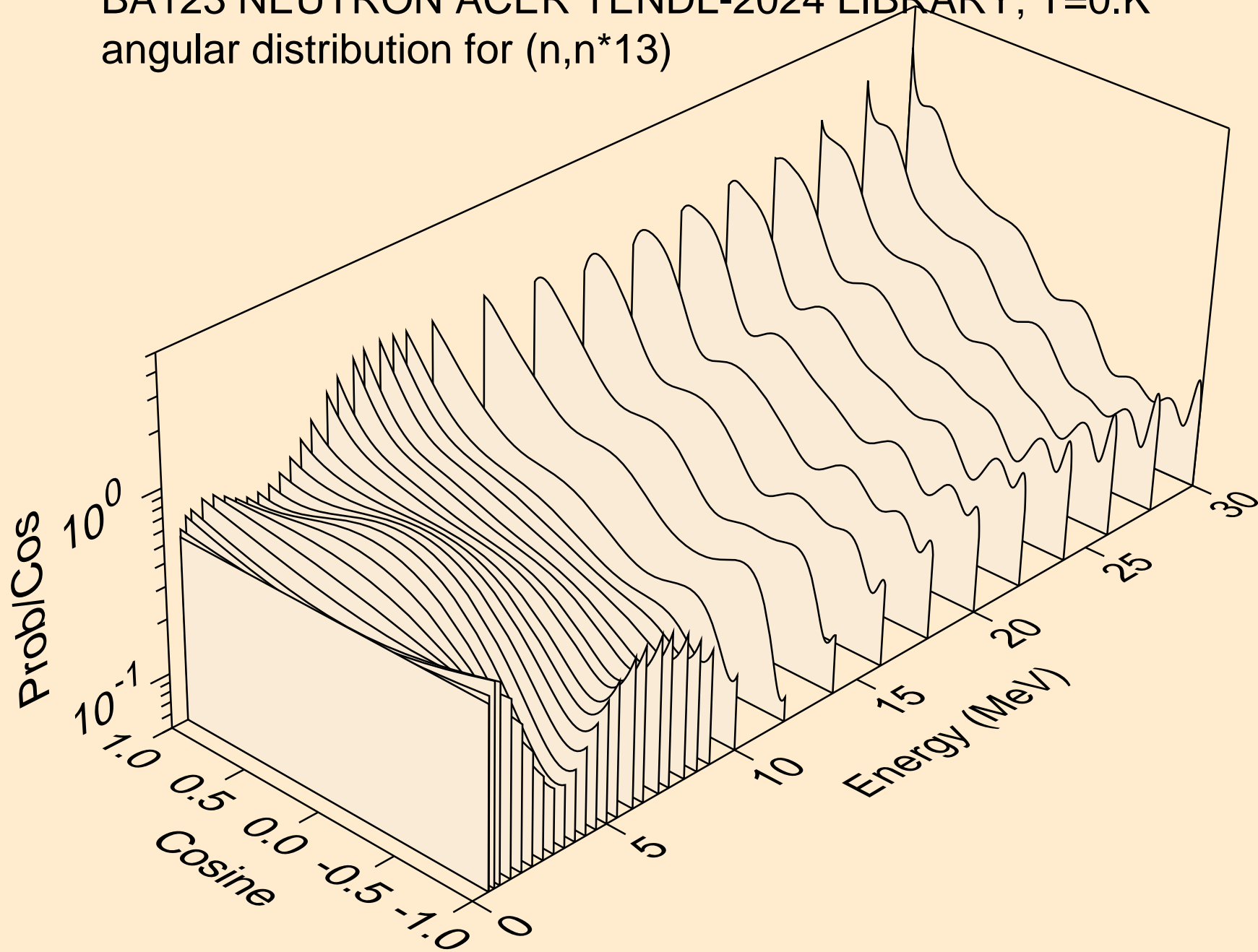
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angular distribution for (n,n\*11)



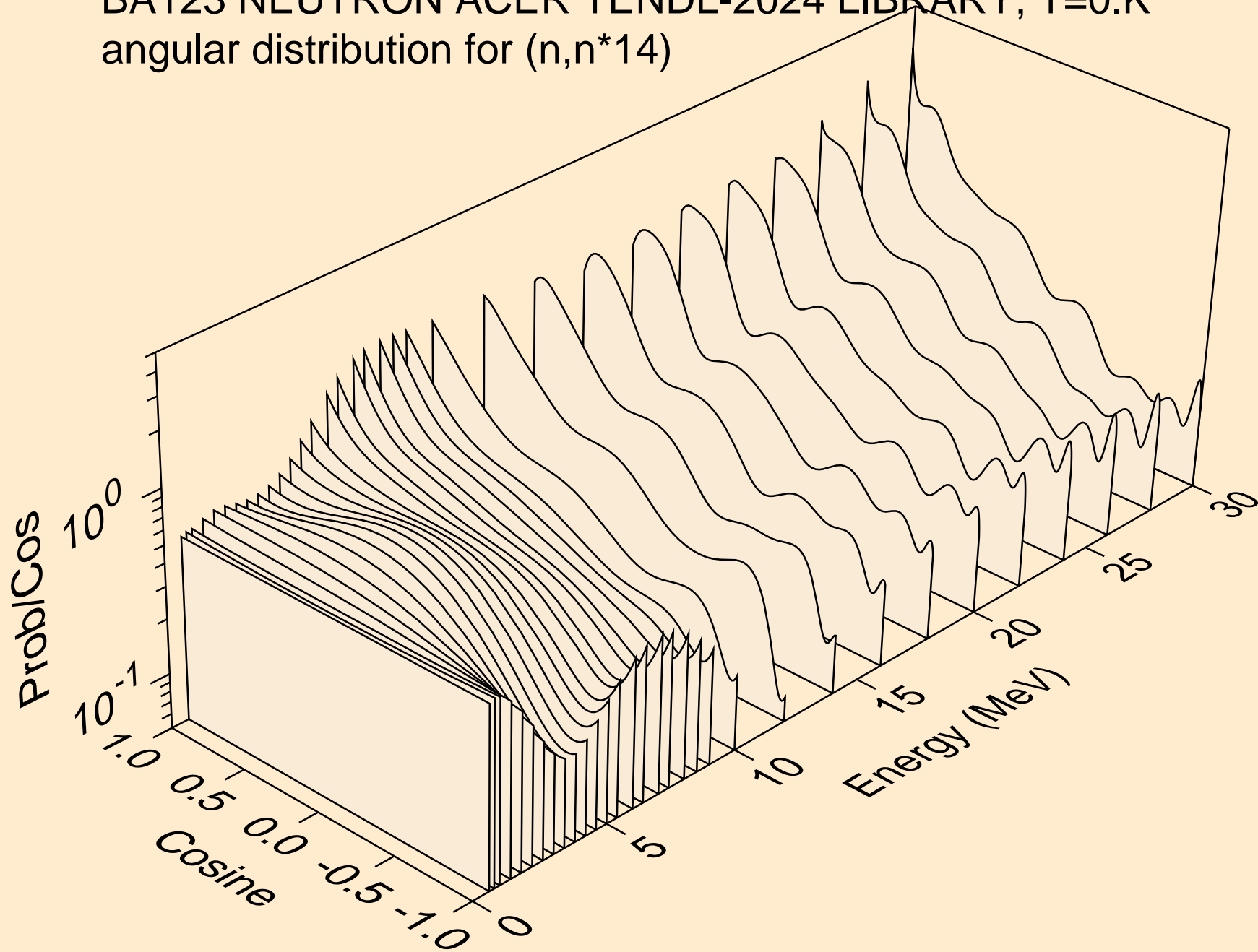
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angular distribution for (n,n\*12)



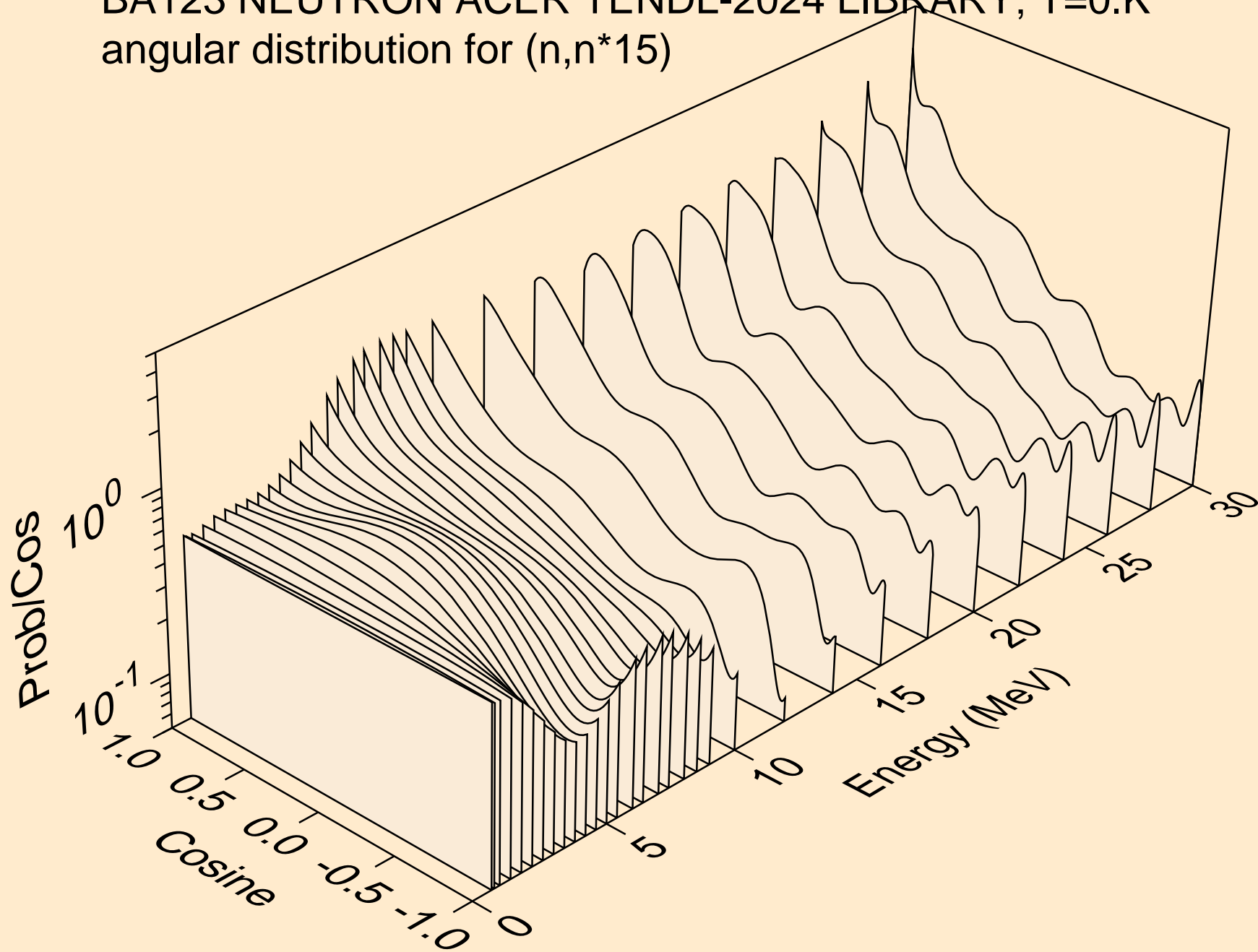
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angular distribution for (n,n\*13)



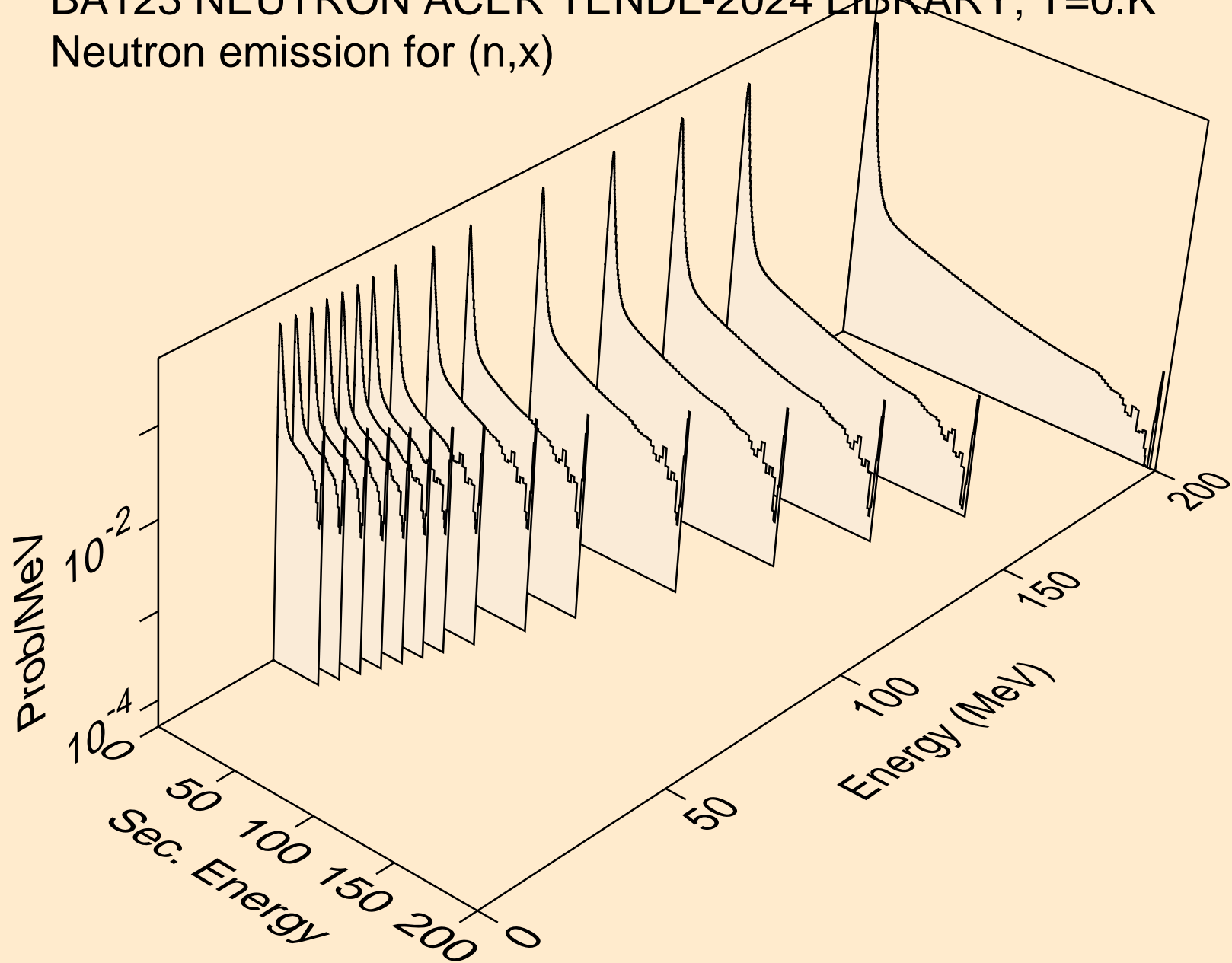
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angular distribution for (n,n\*14)



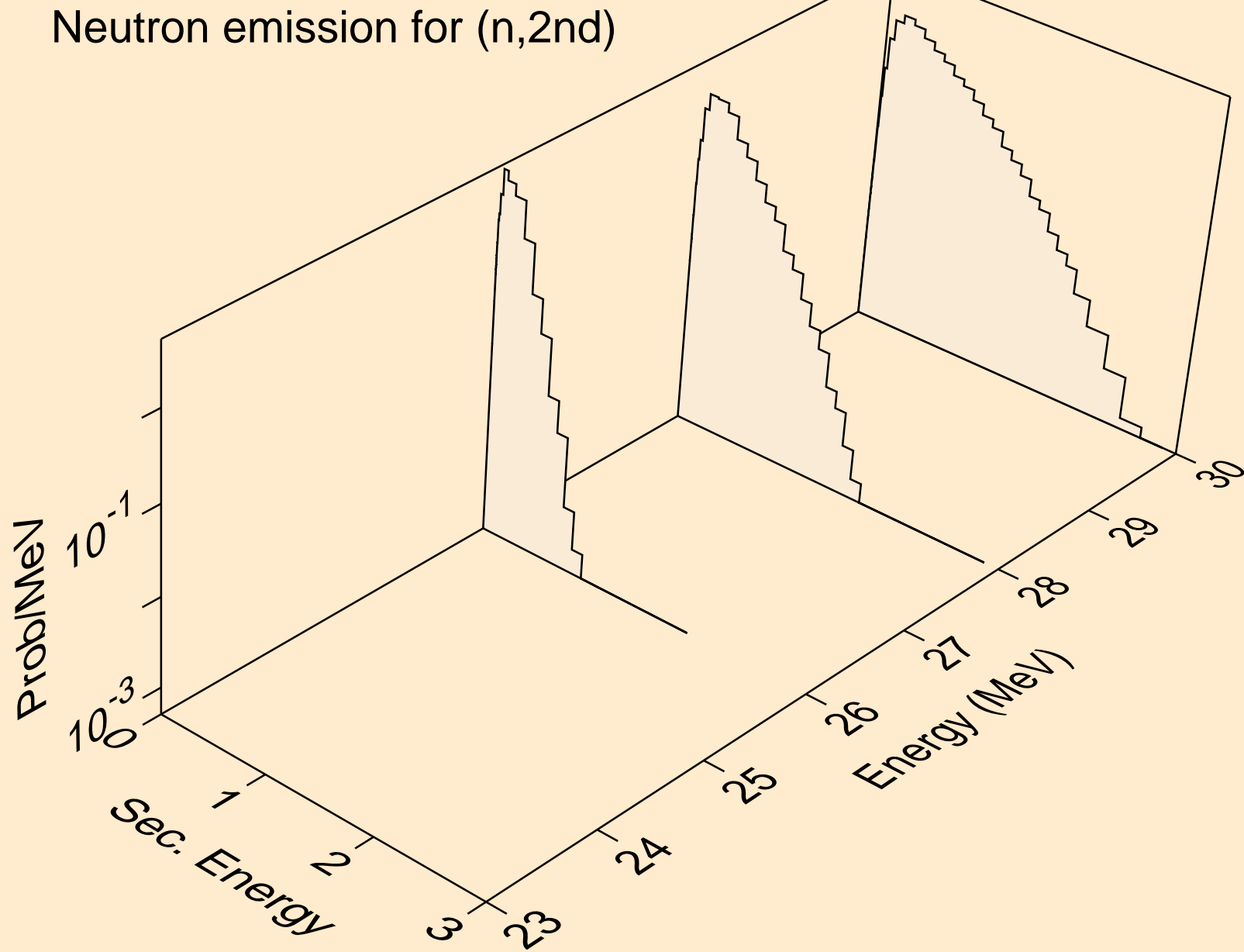
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angular distribution for (n,n\*15)



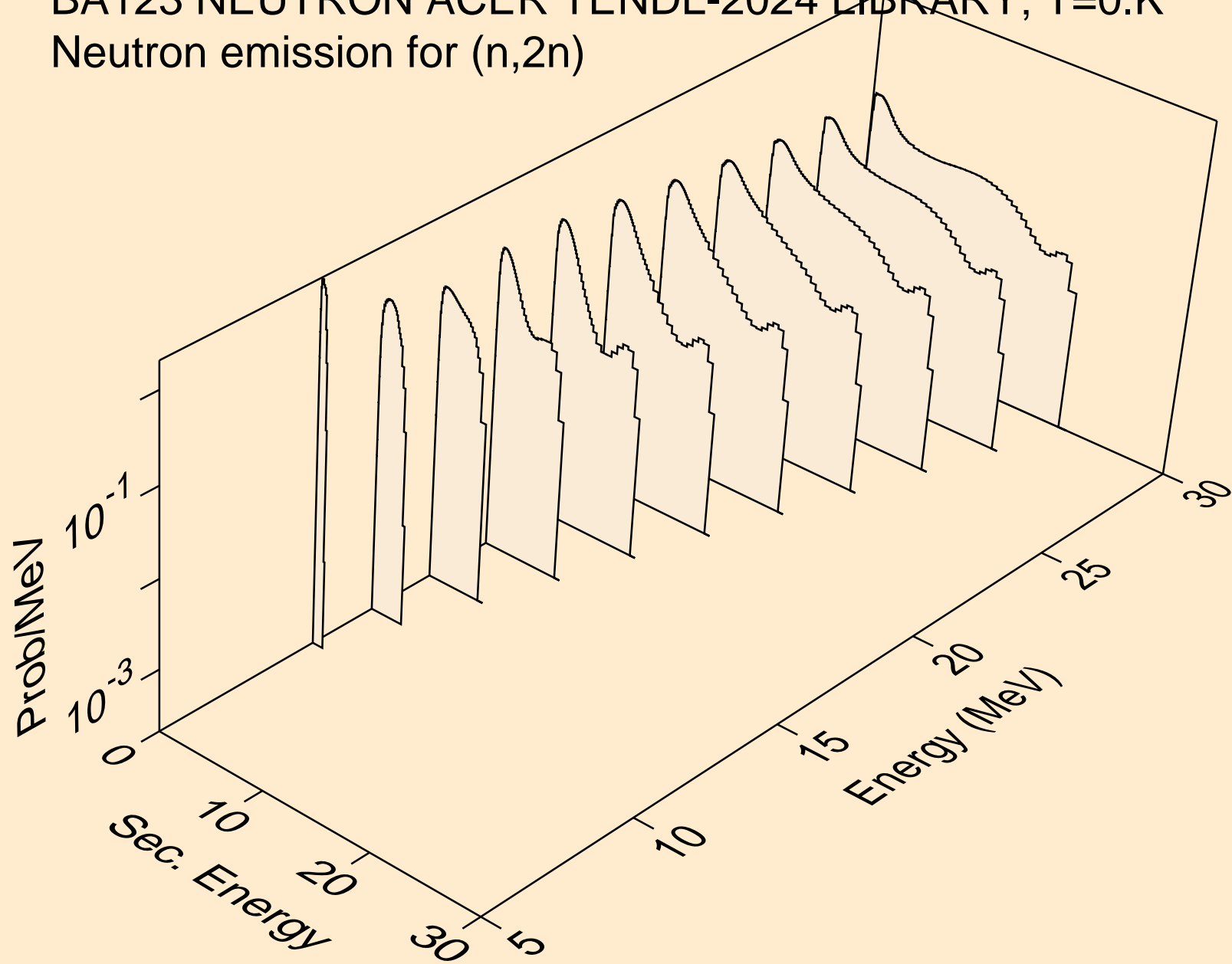
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

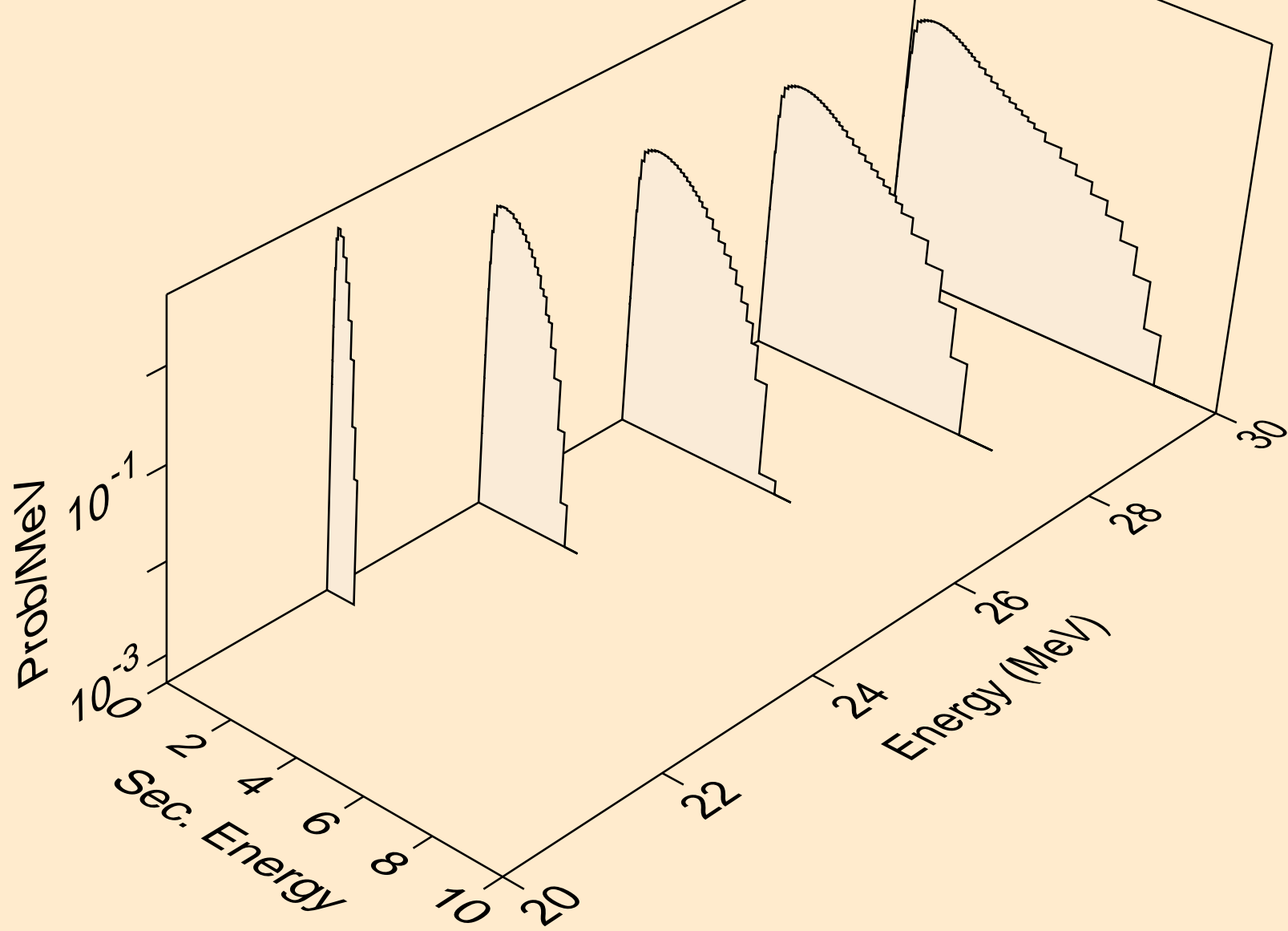


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

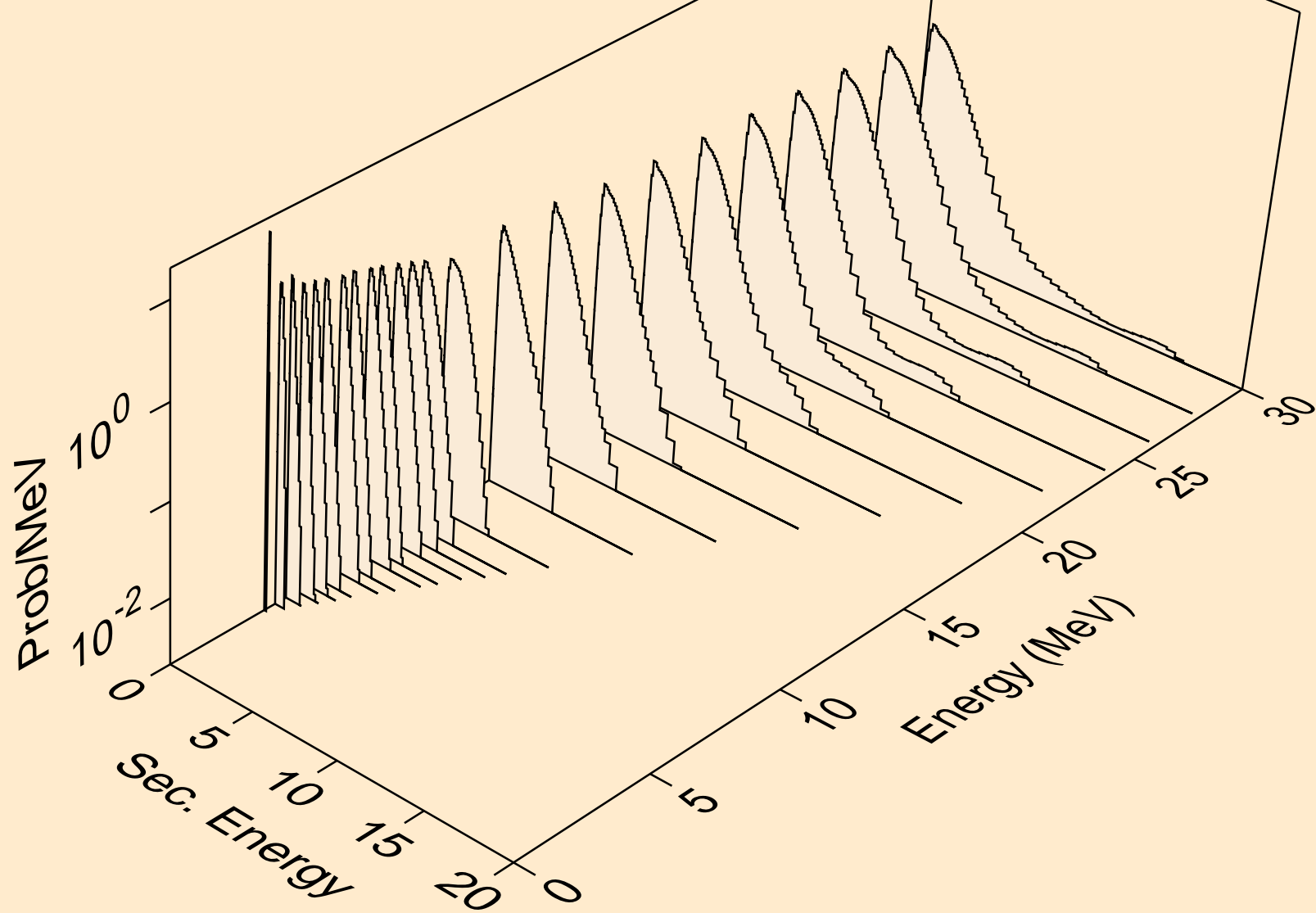




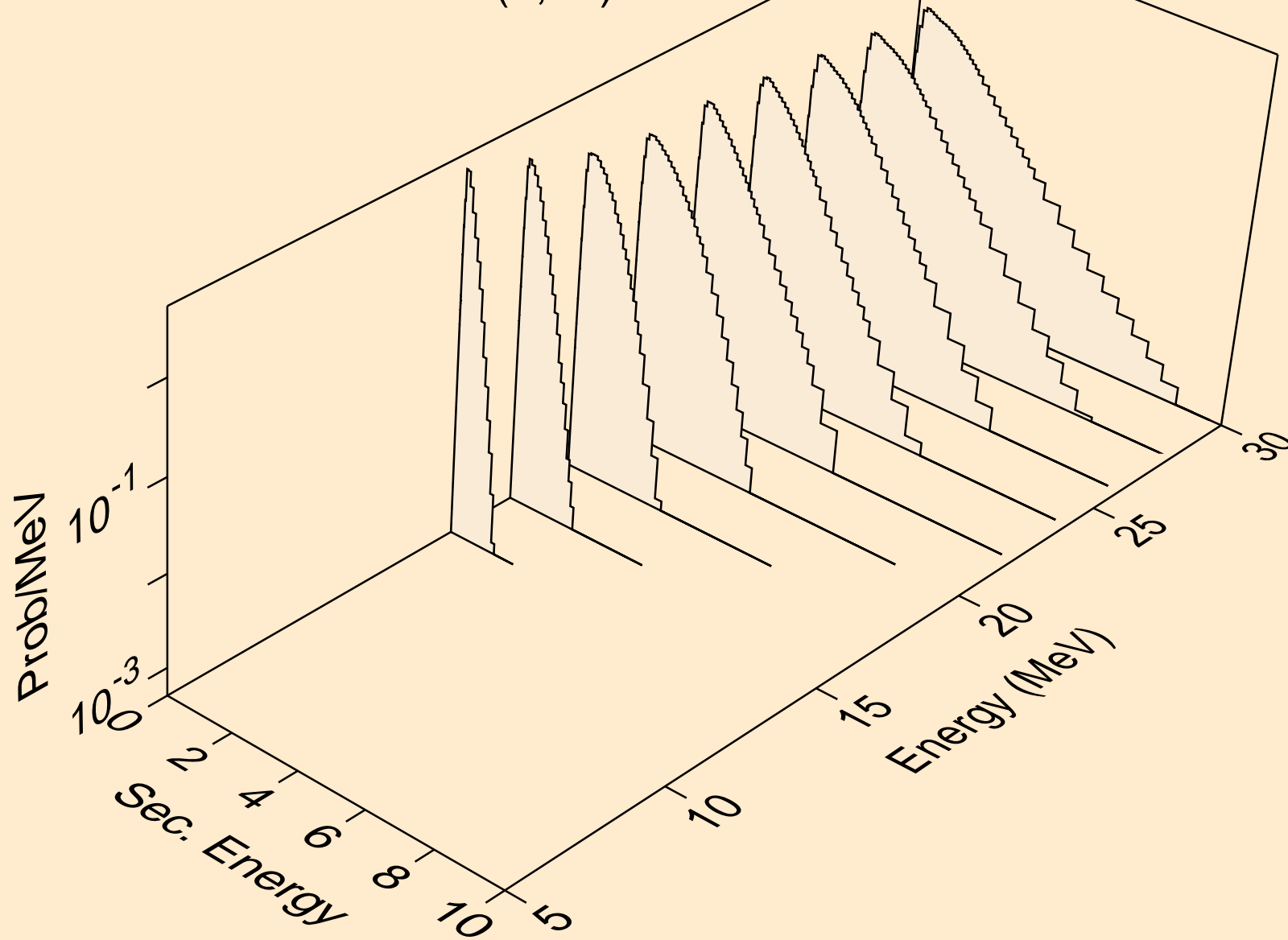
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



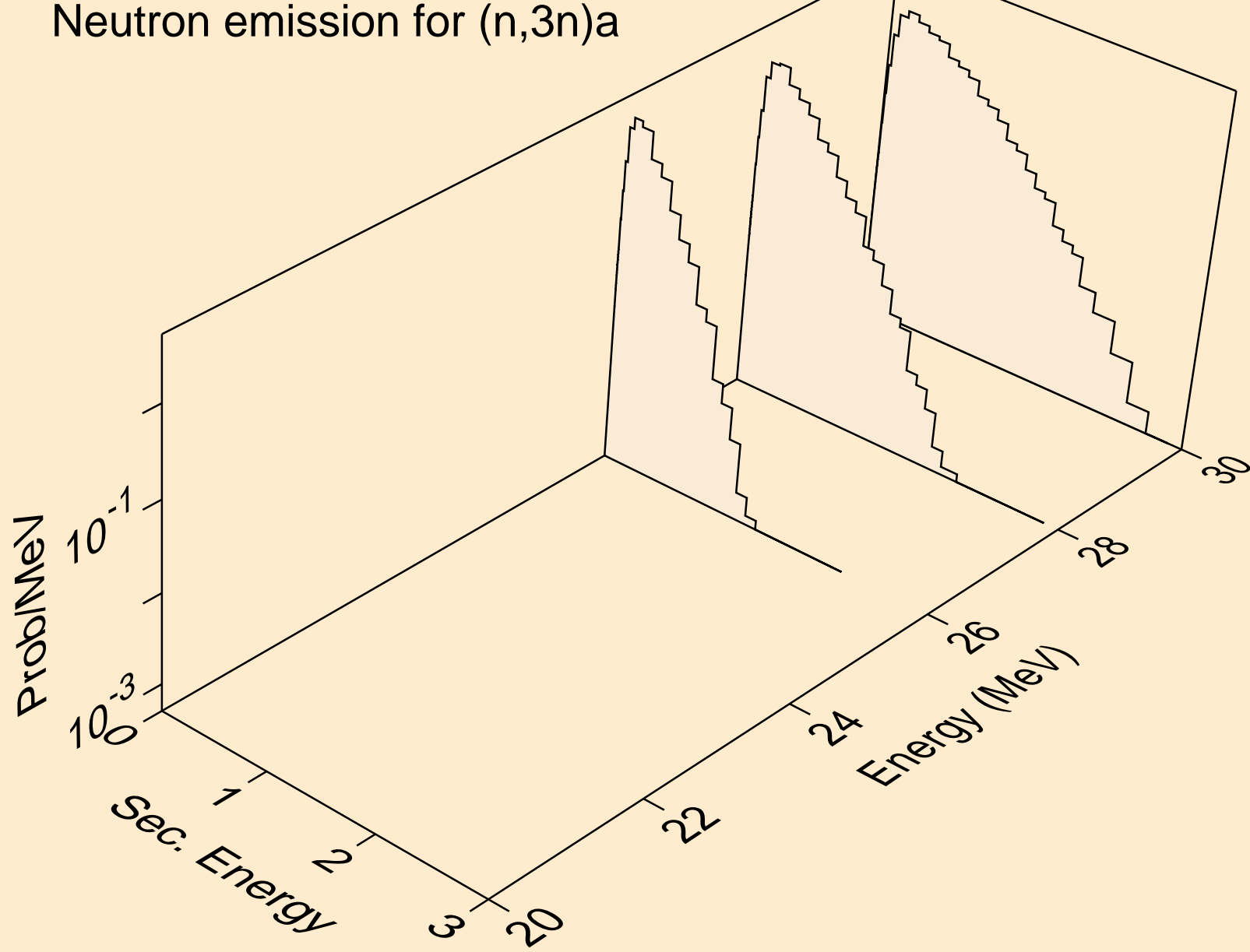
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



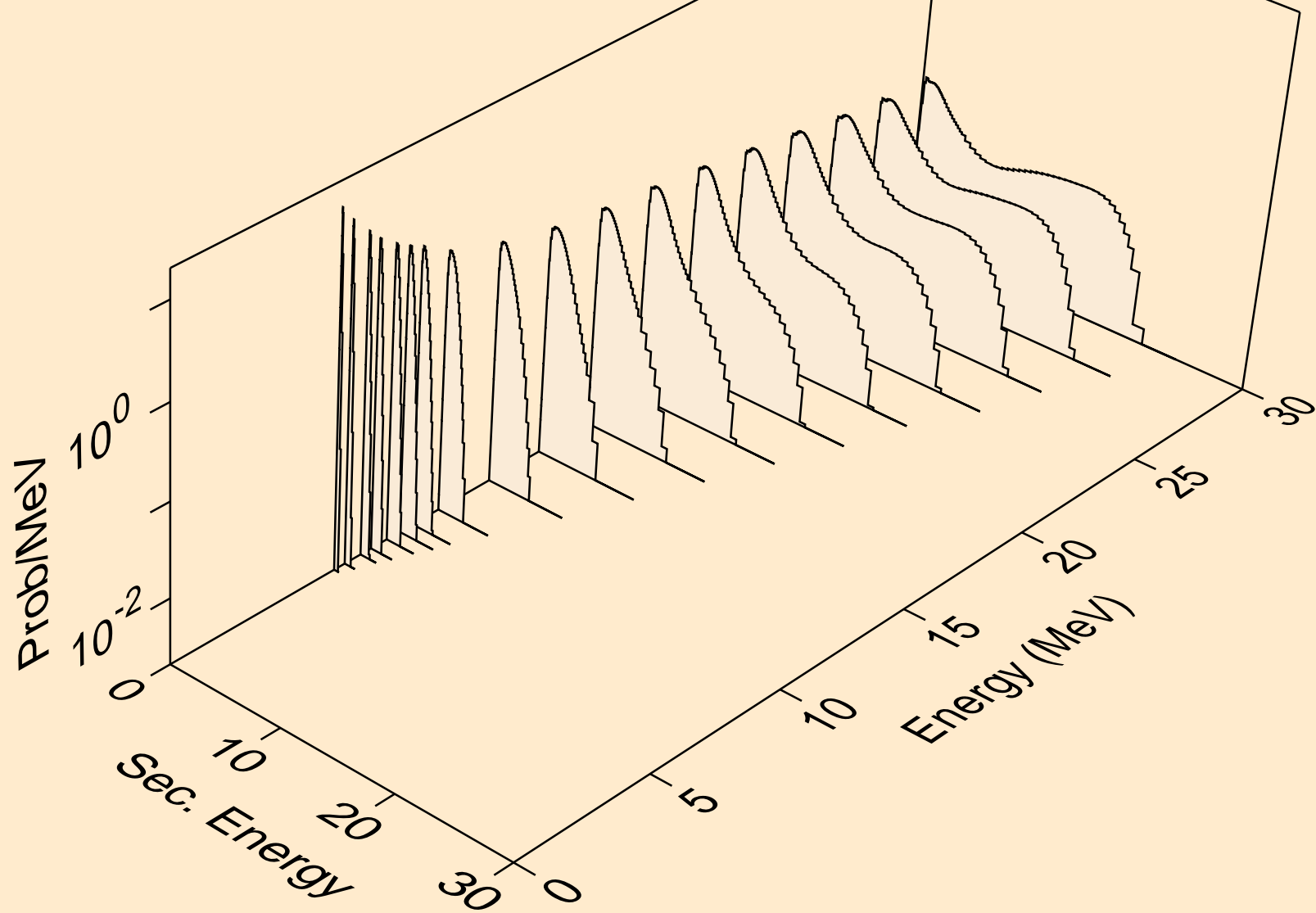
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



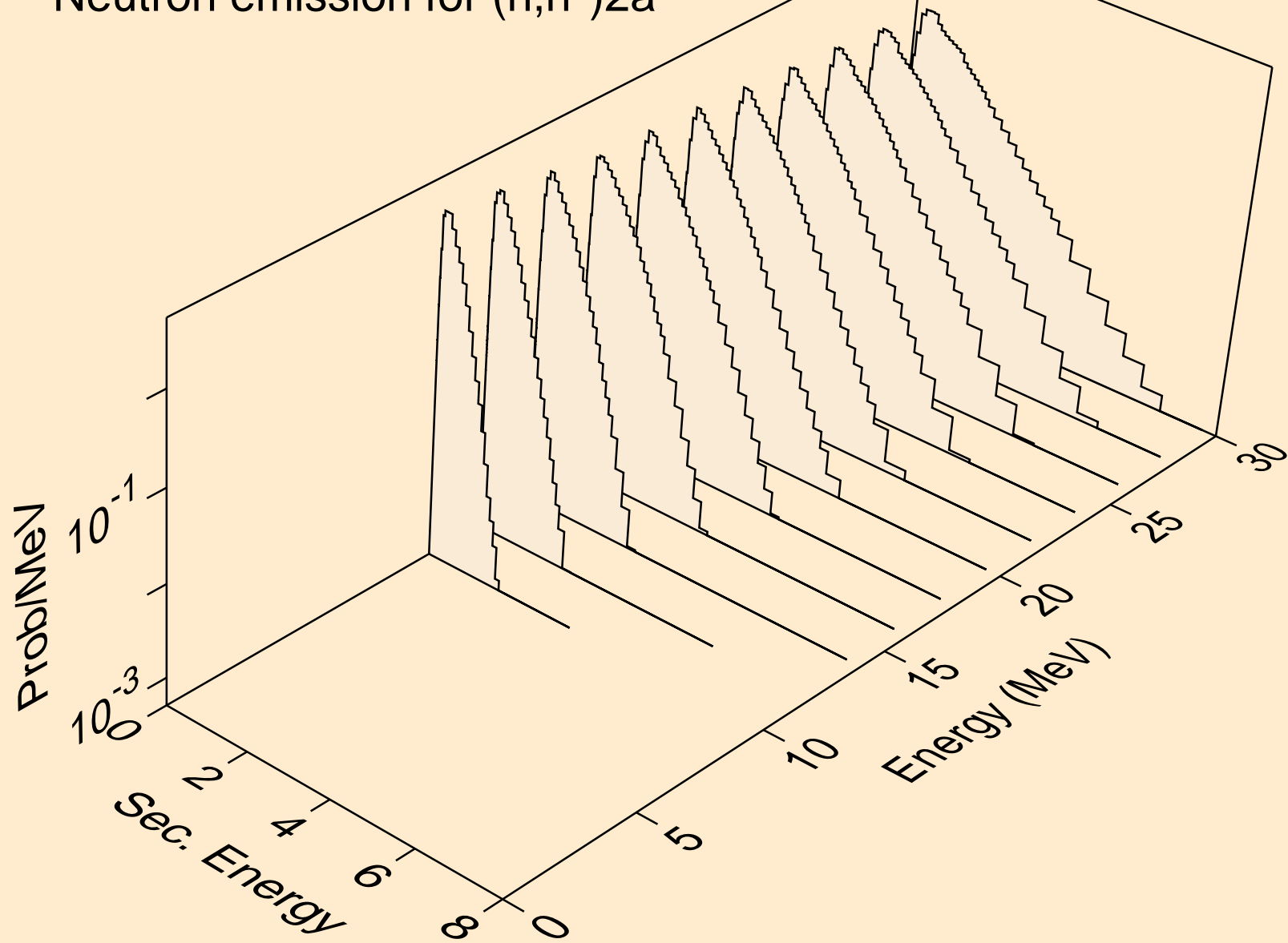
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



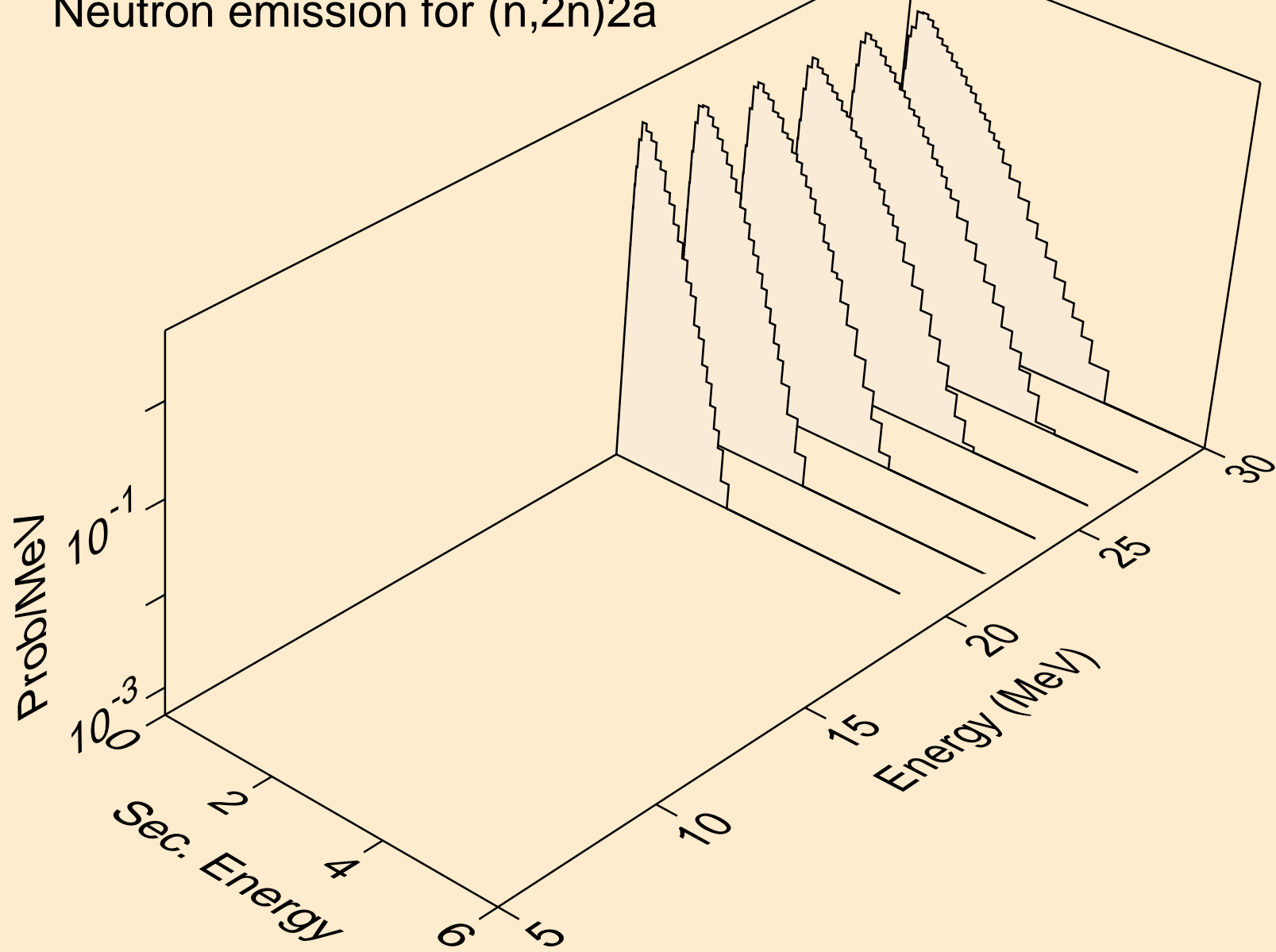
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



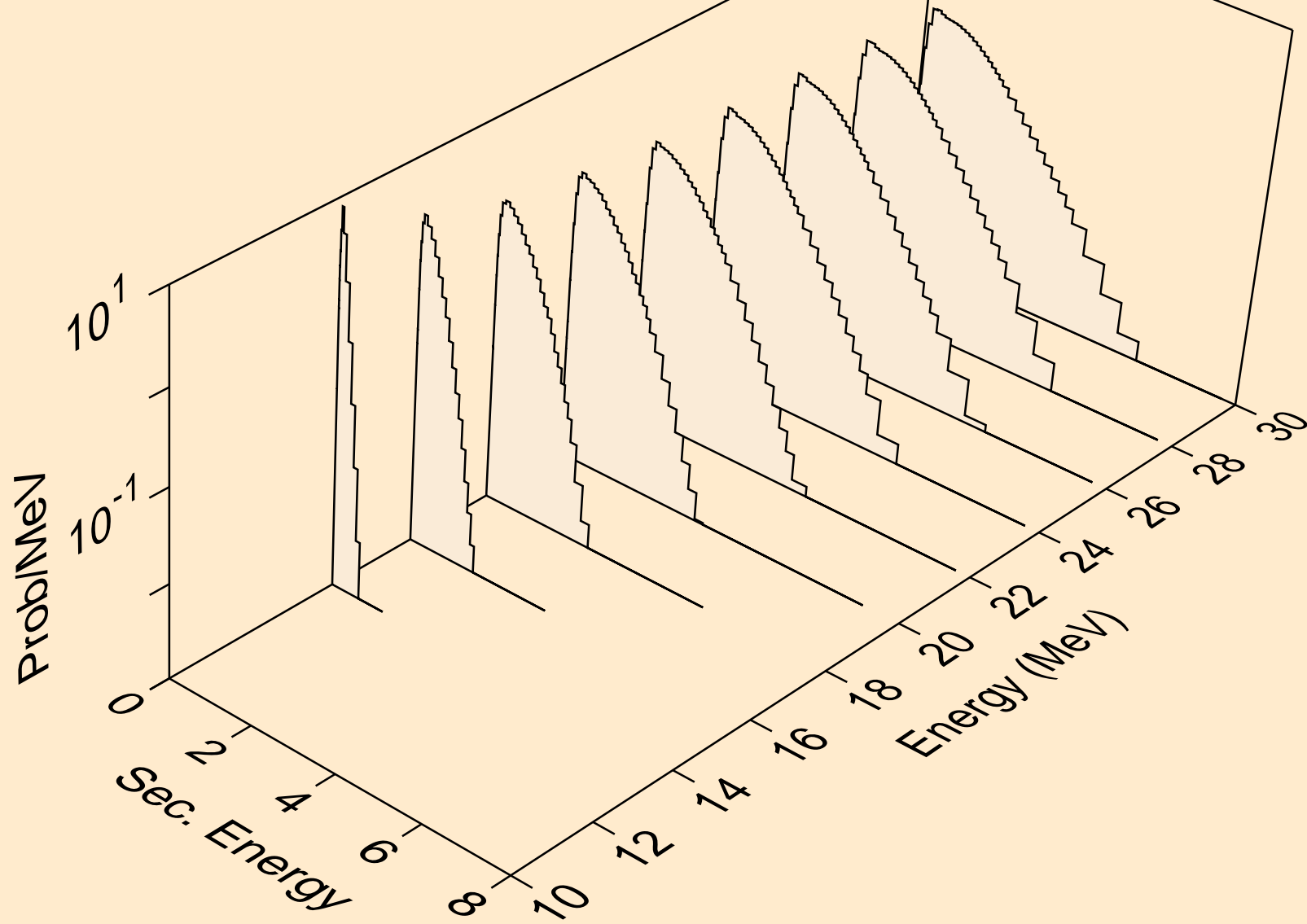
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

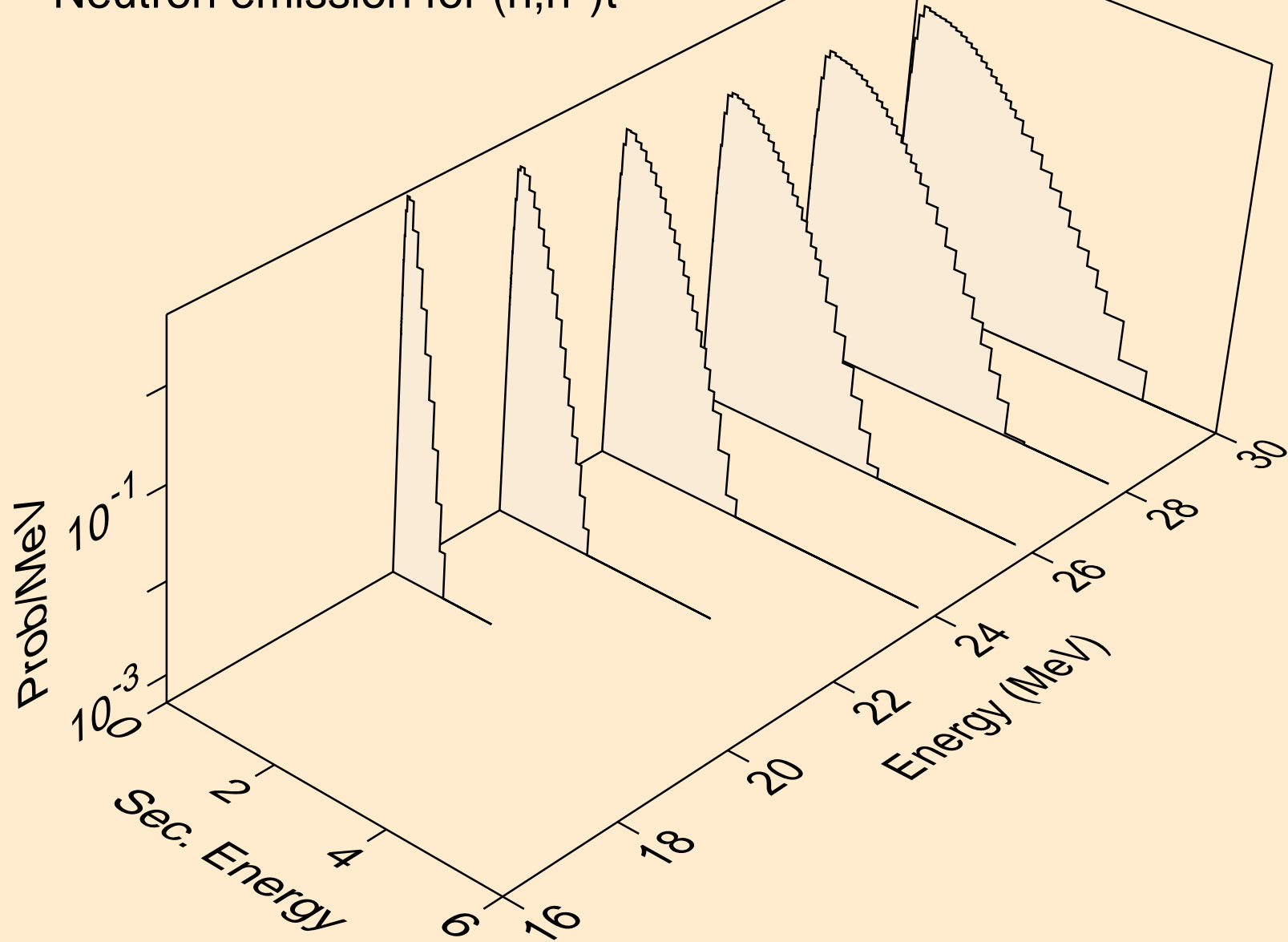


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

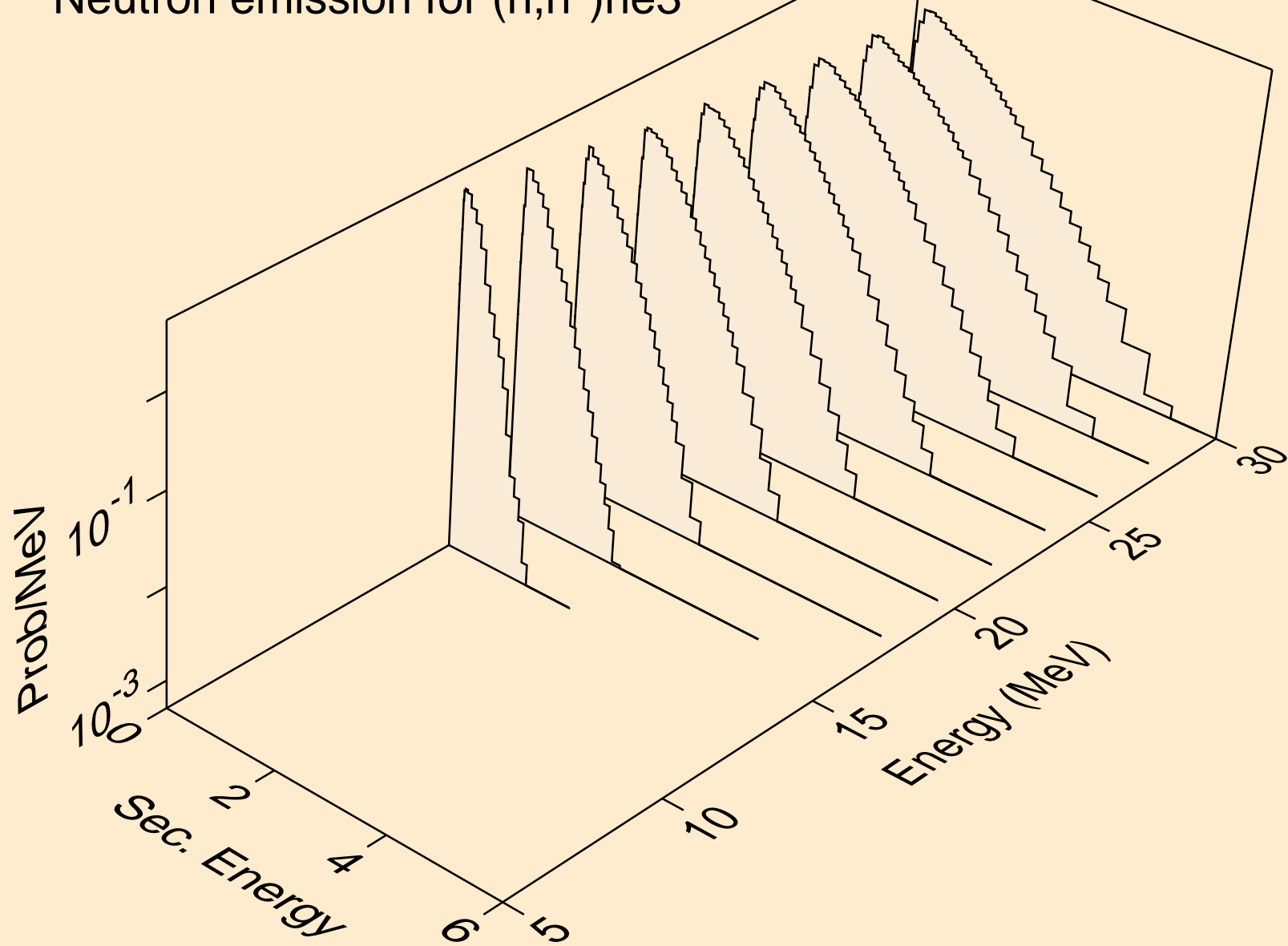




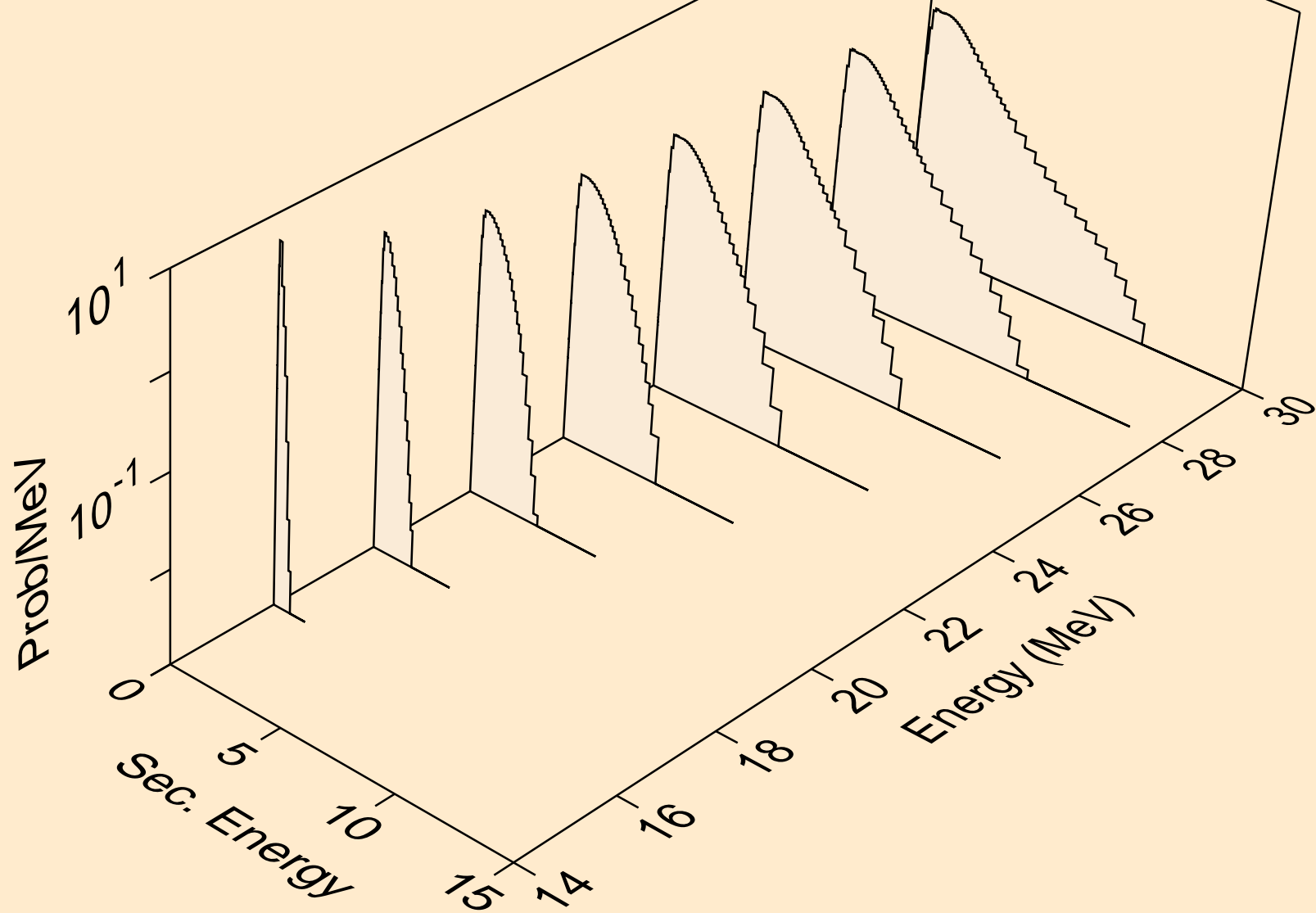
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



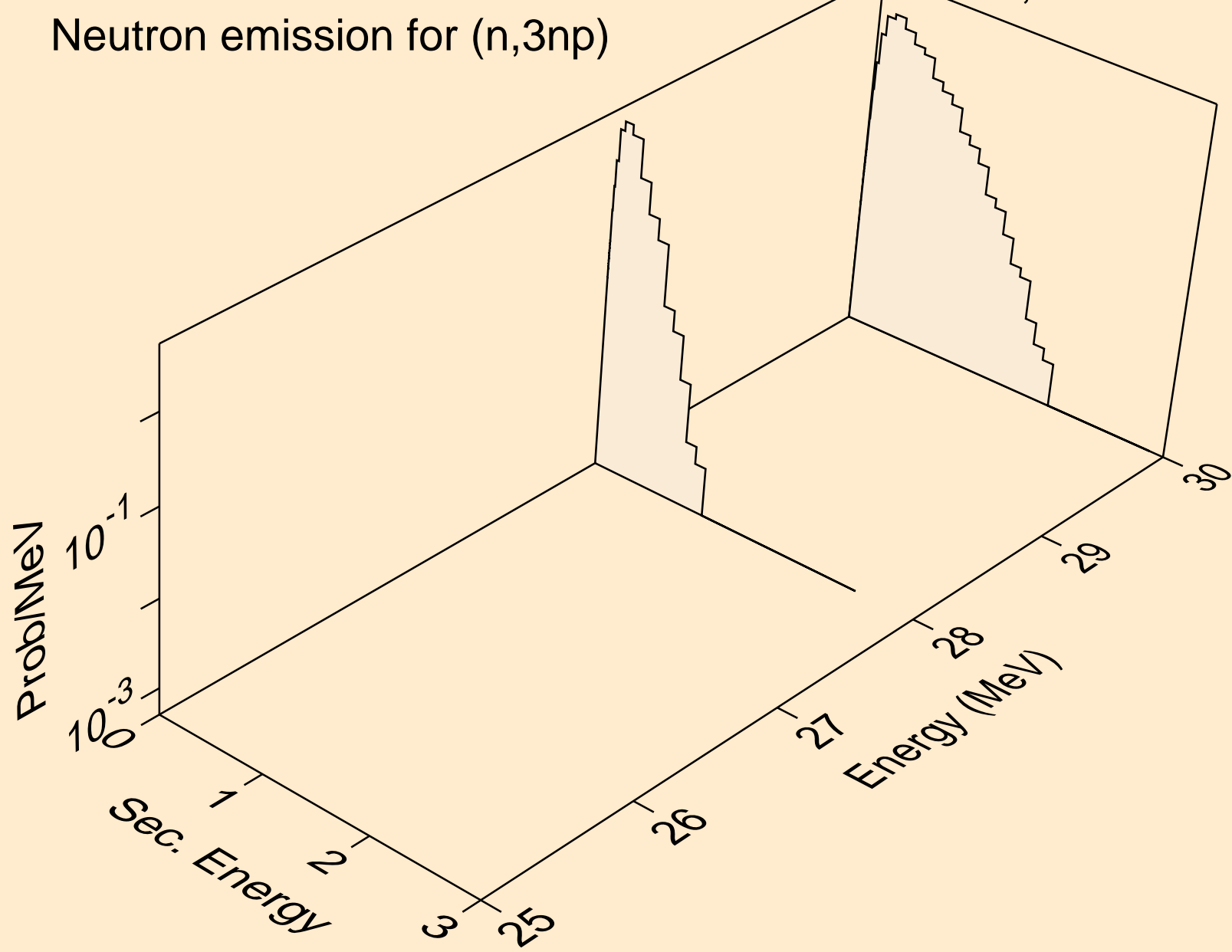
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



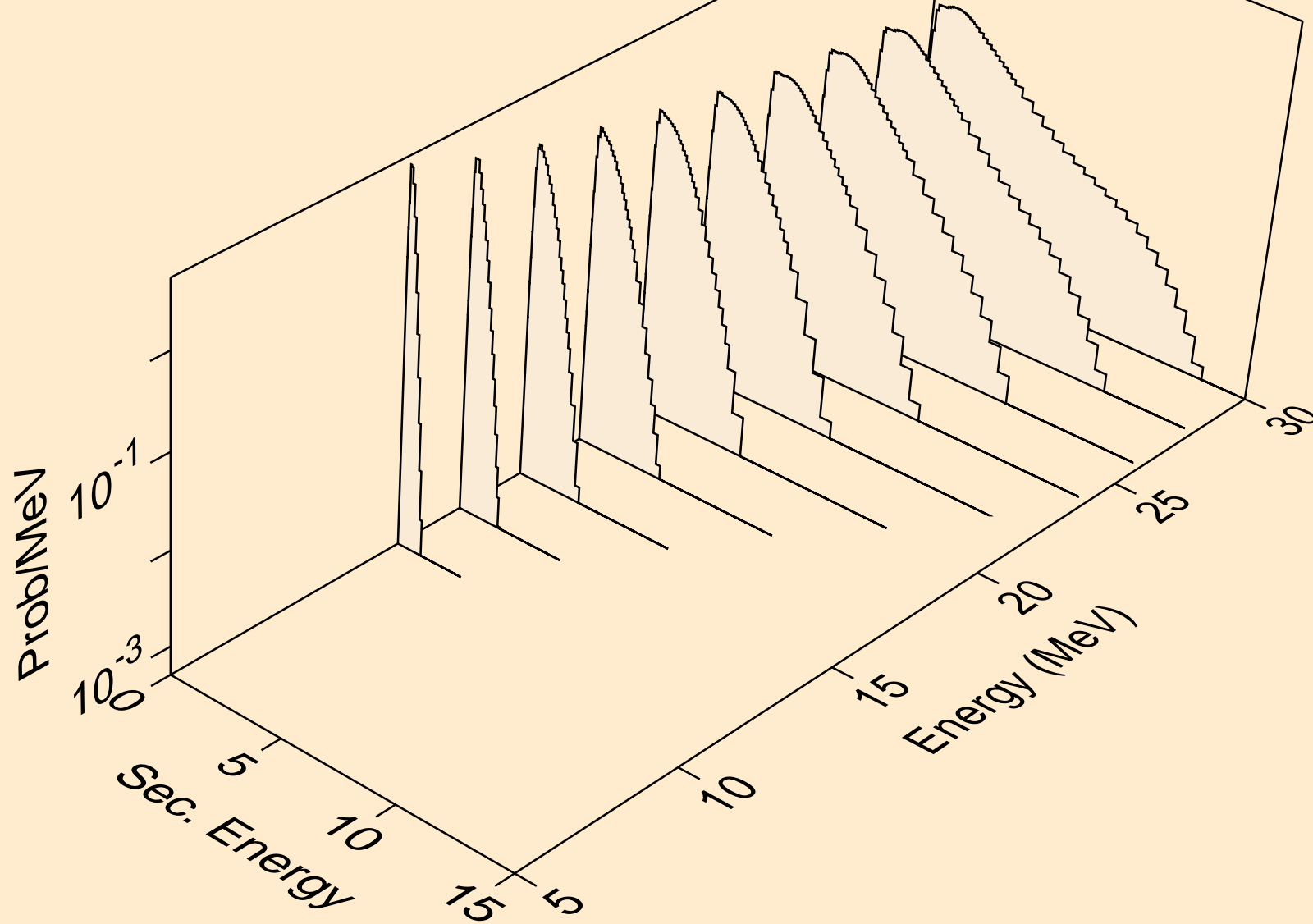
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



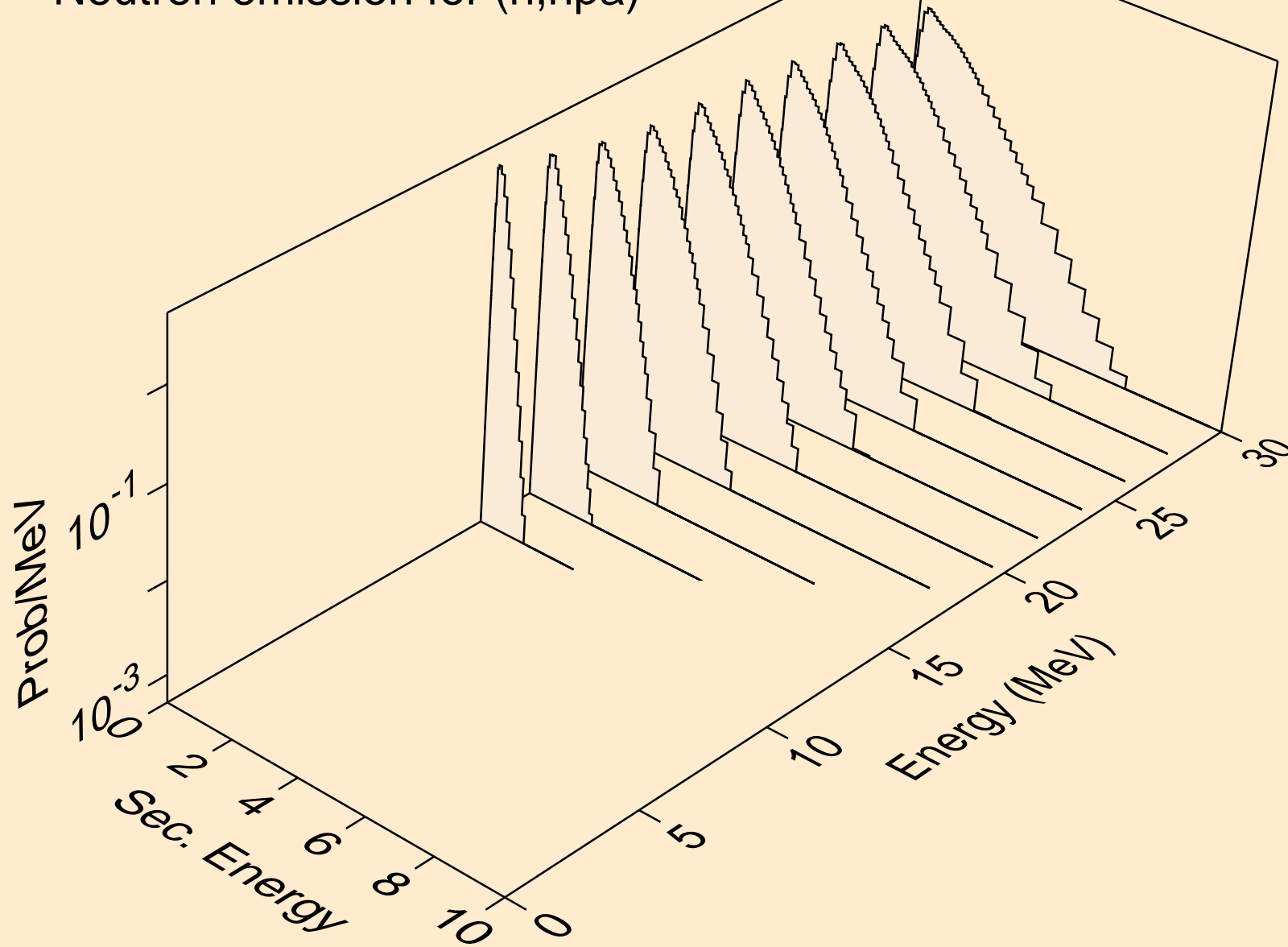
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



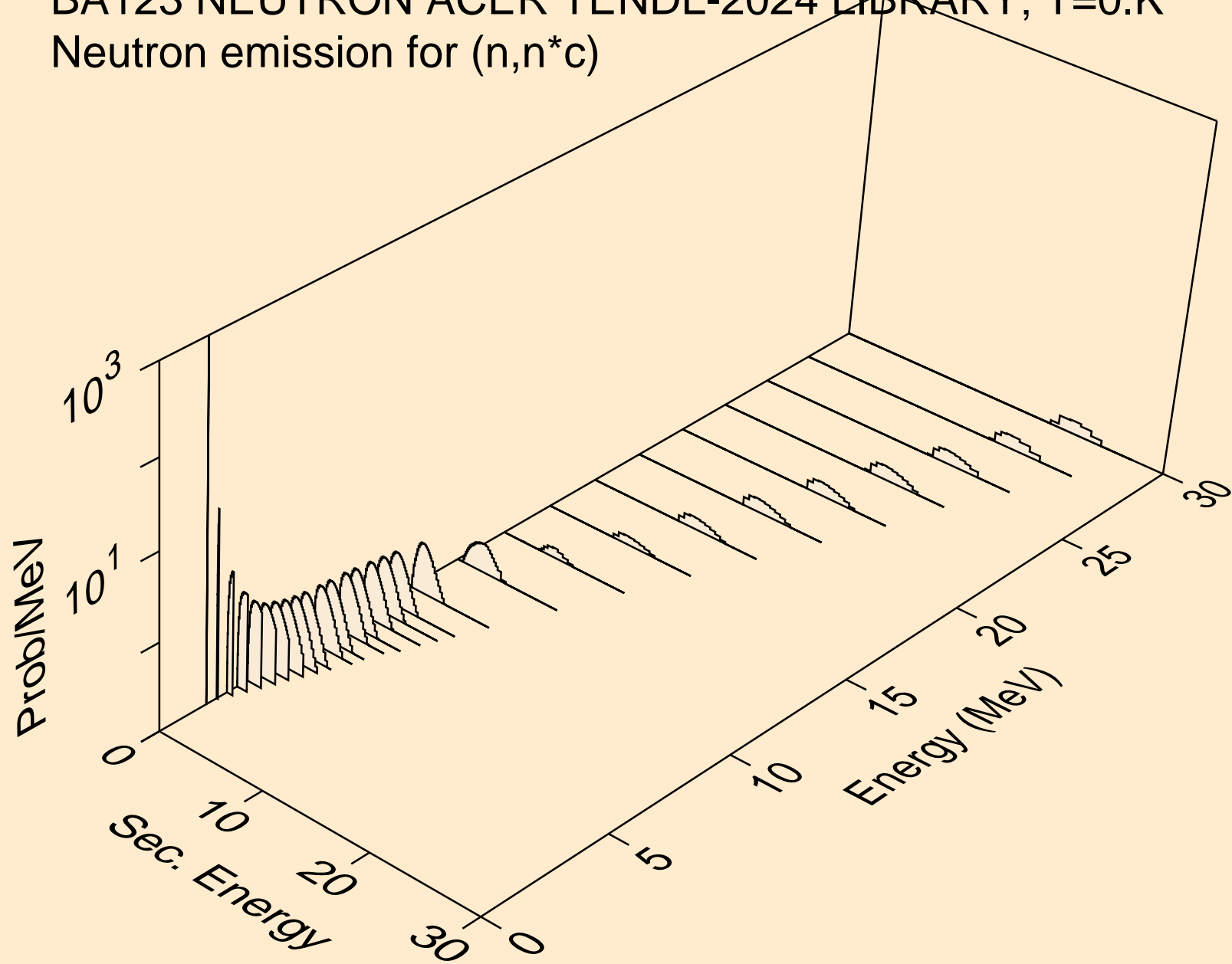
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Neutron emission for (n,n2p)



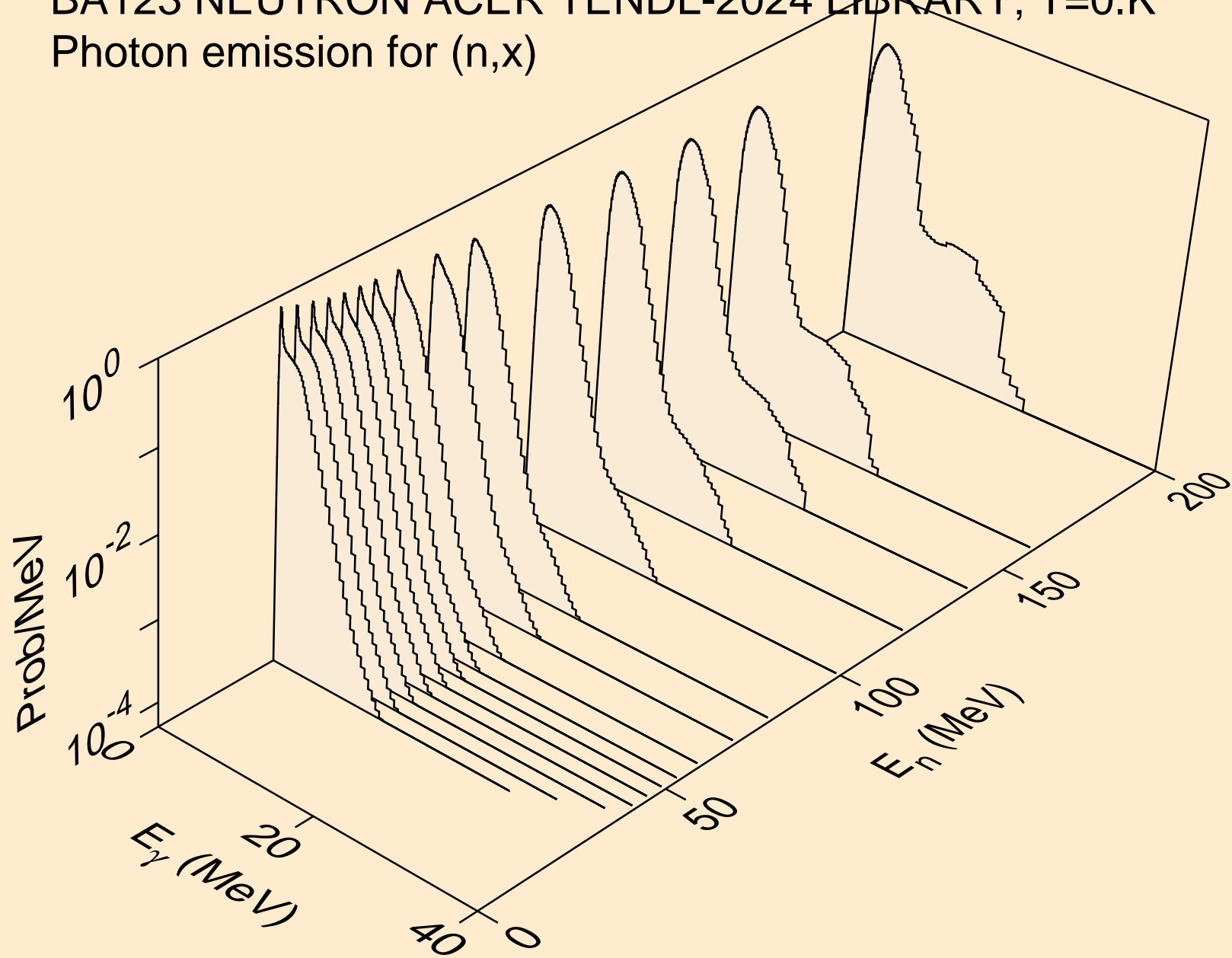
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

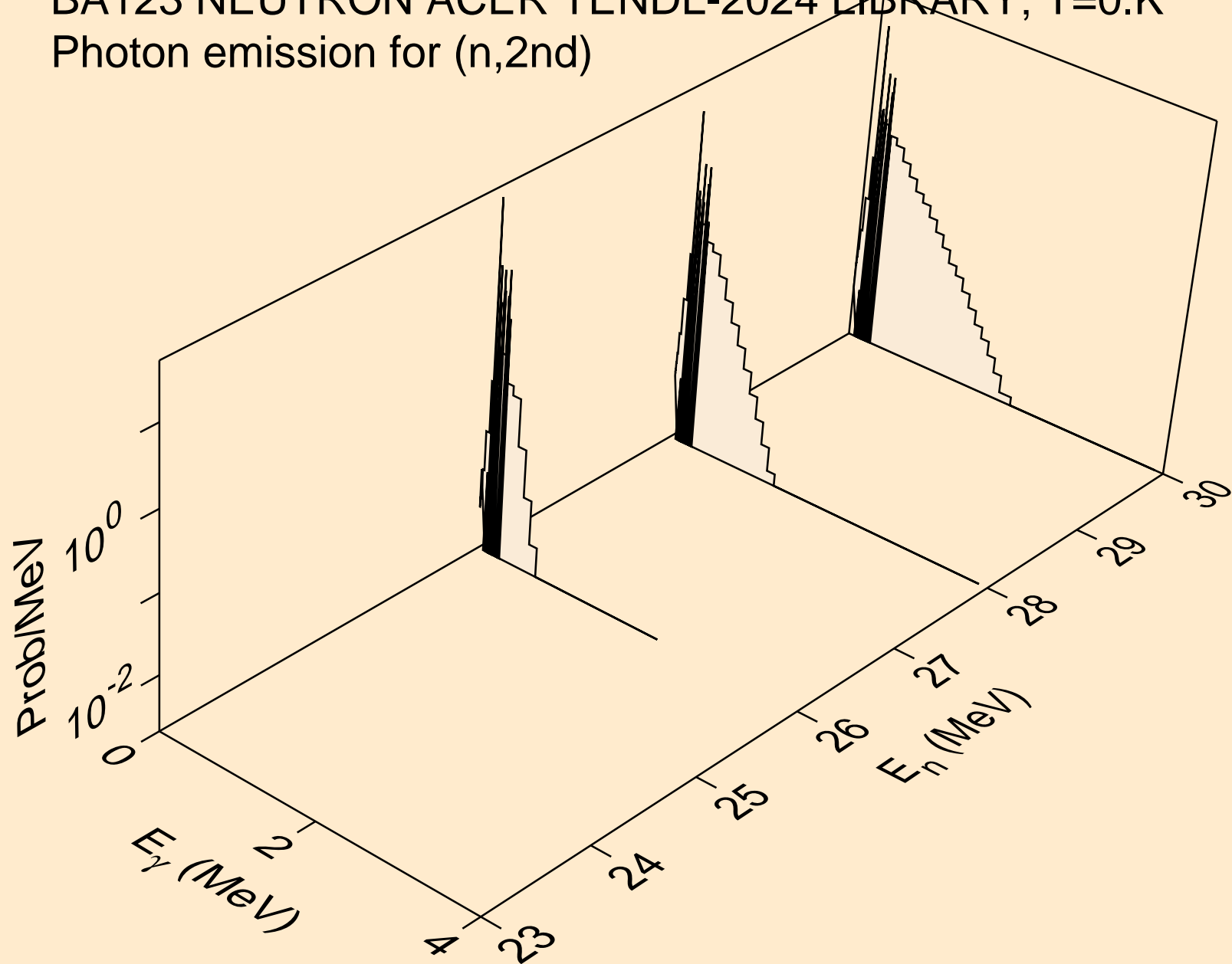


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

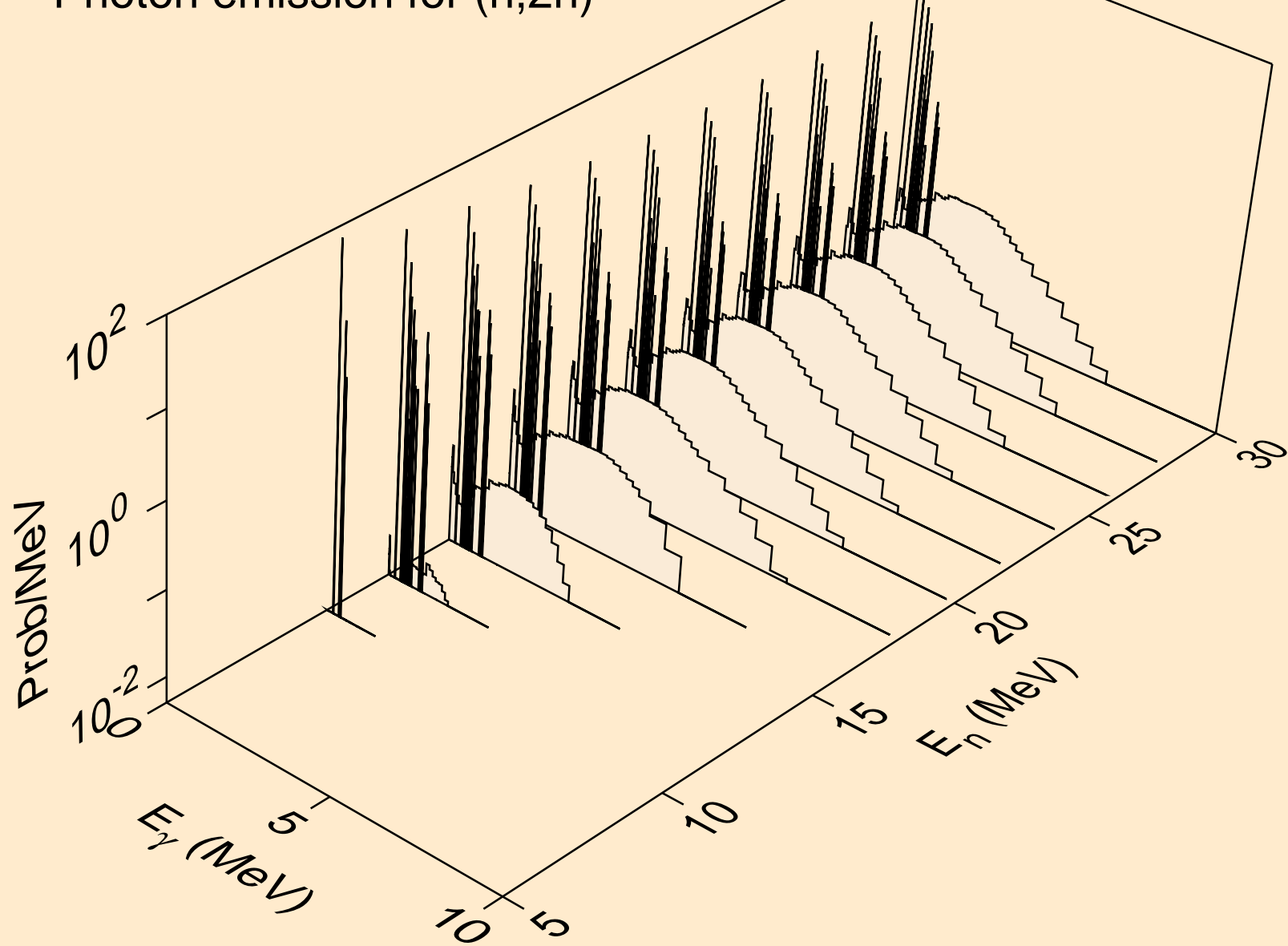




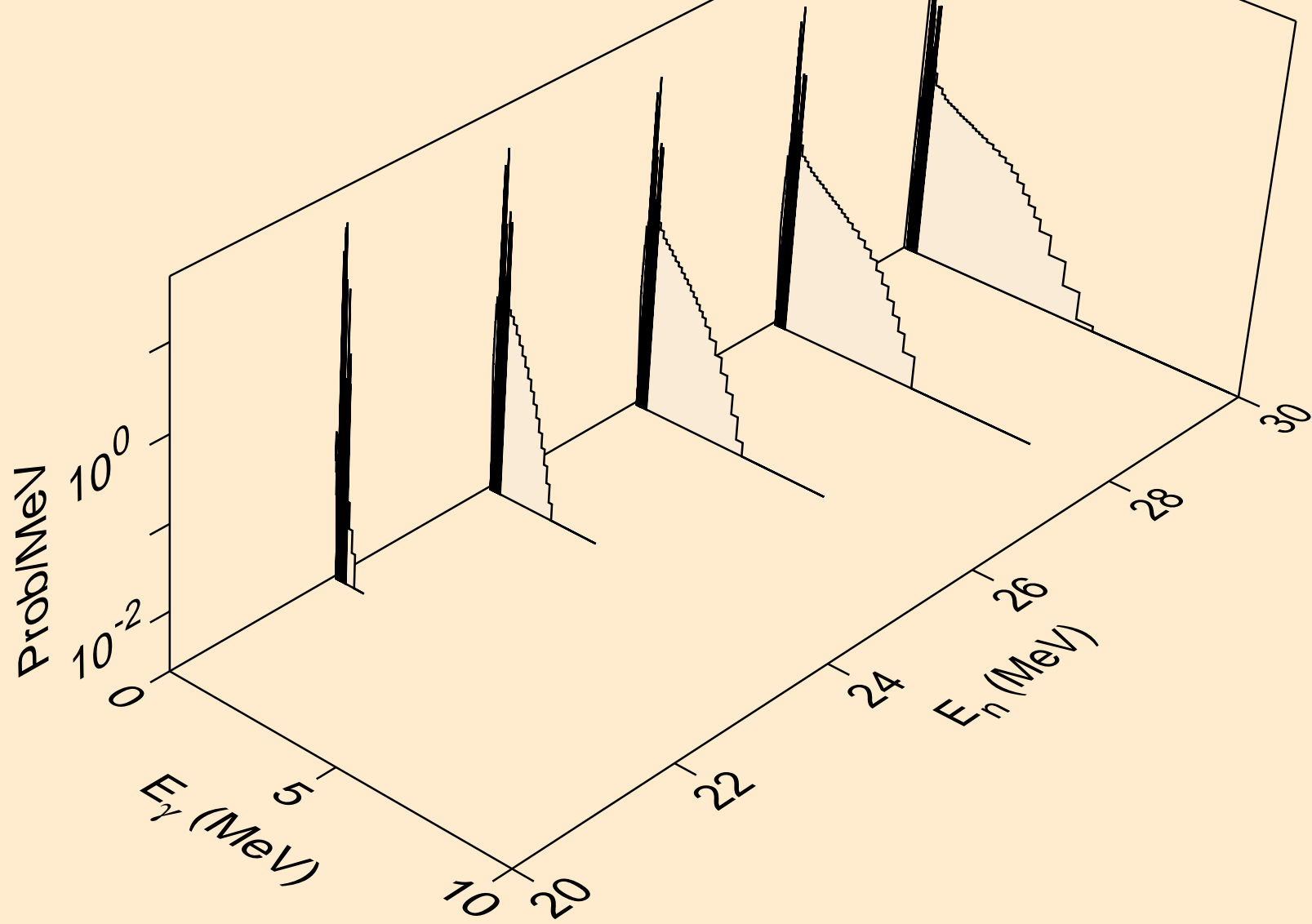
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



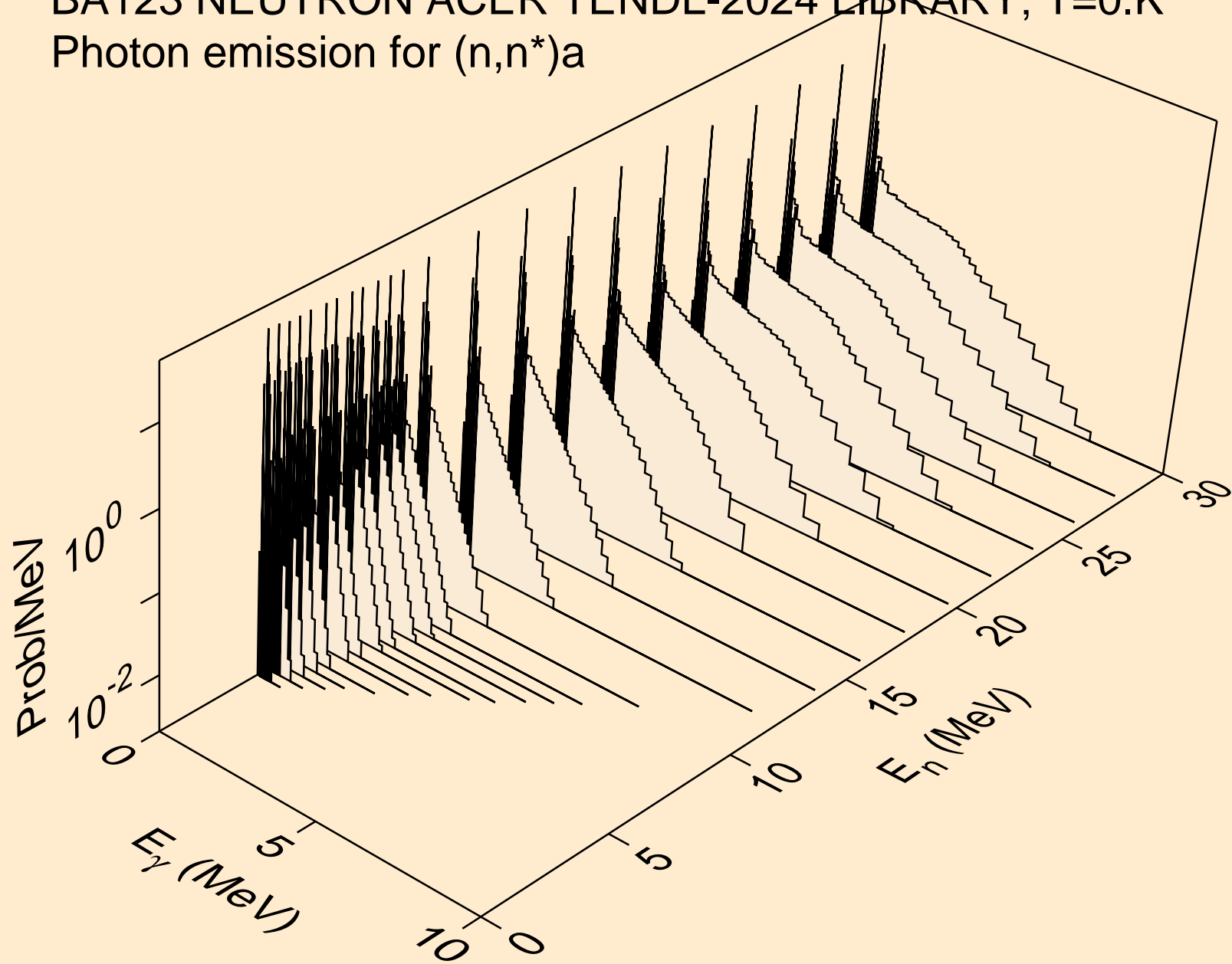
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



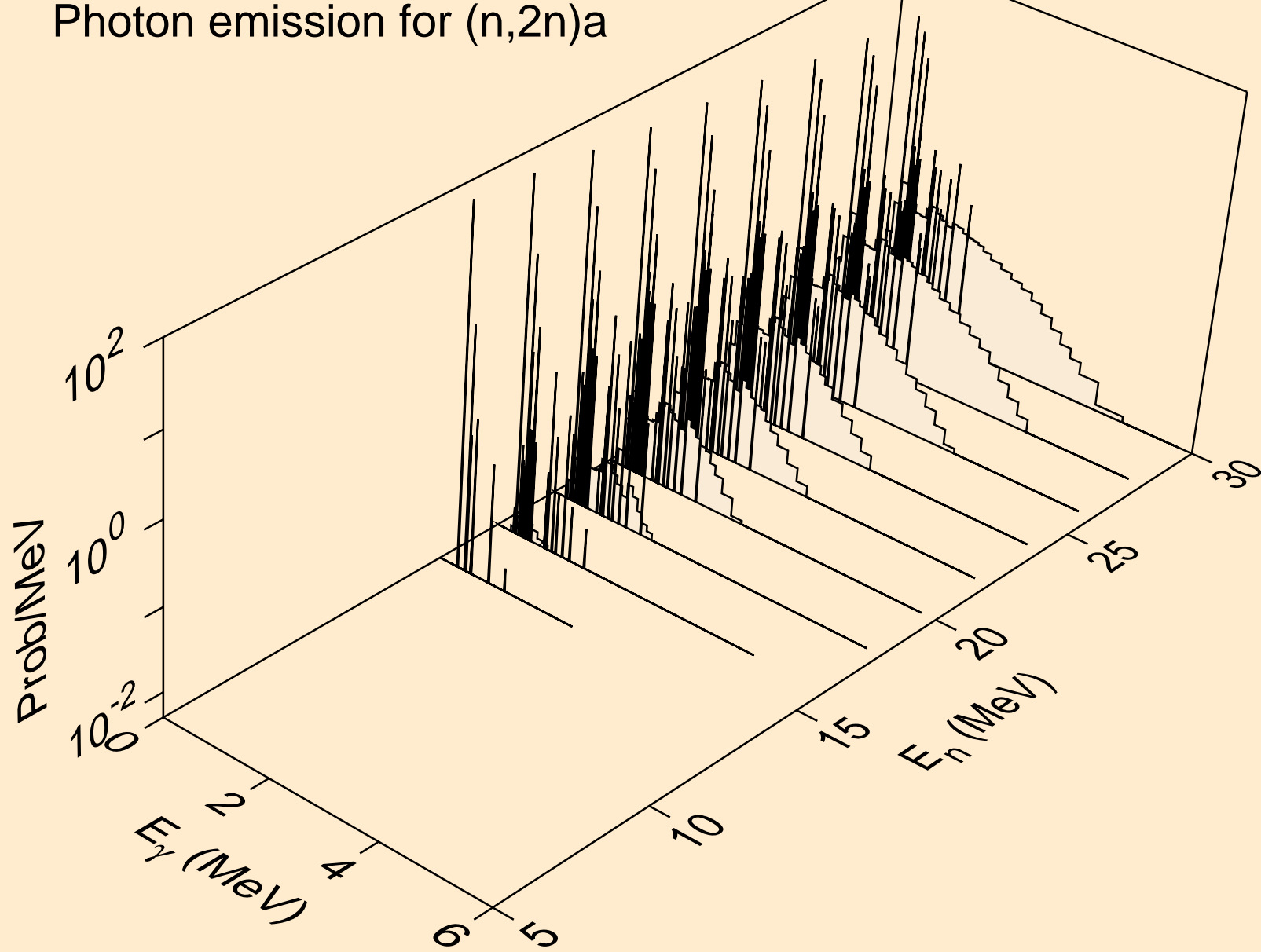
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



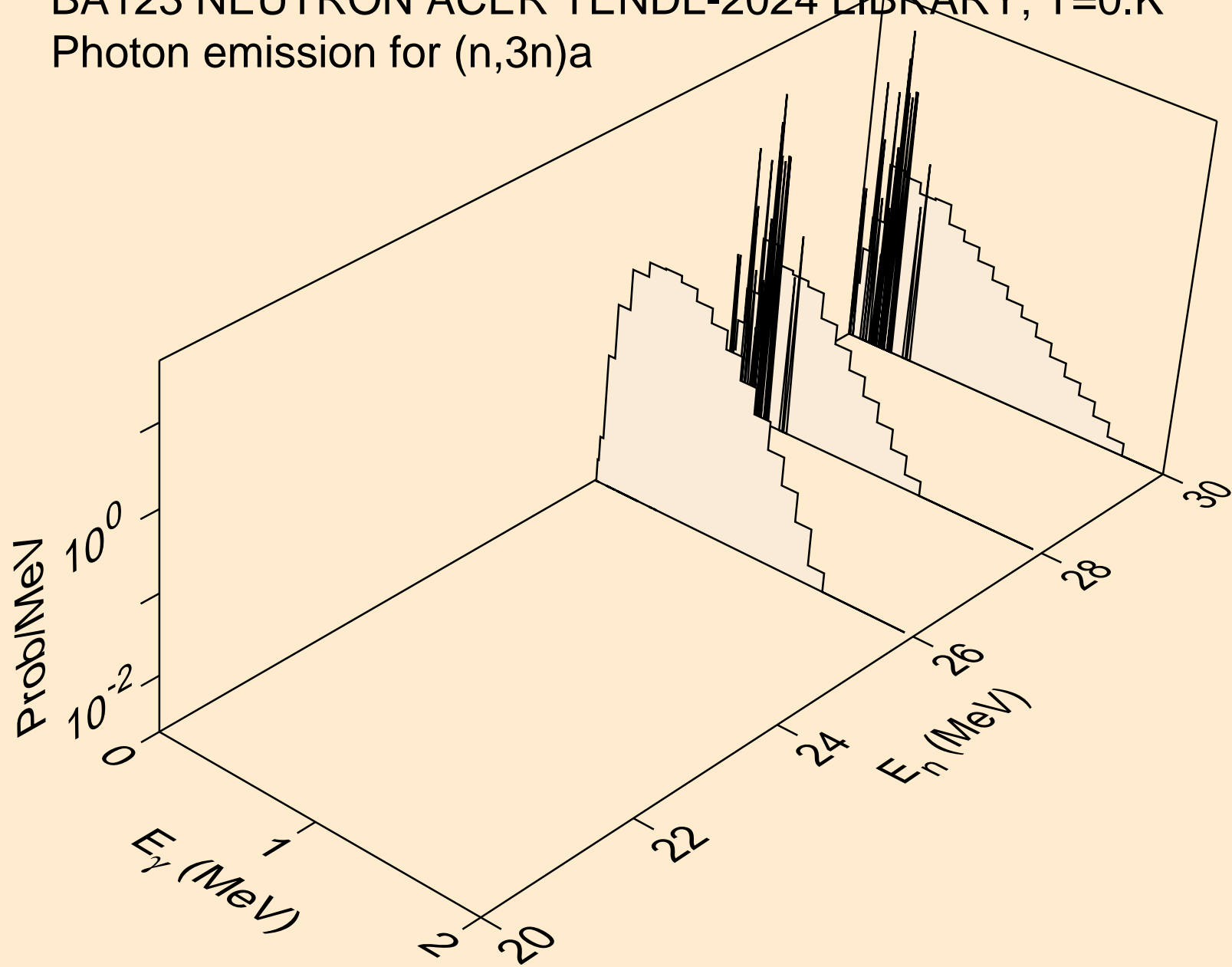
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



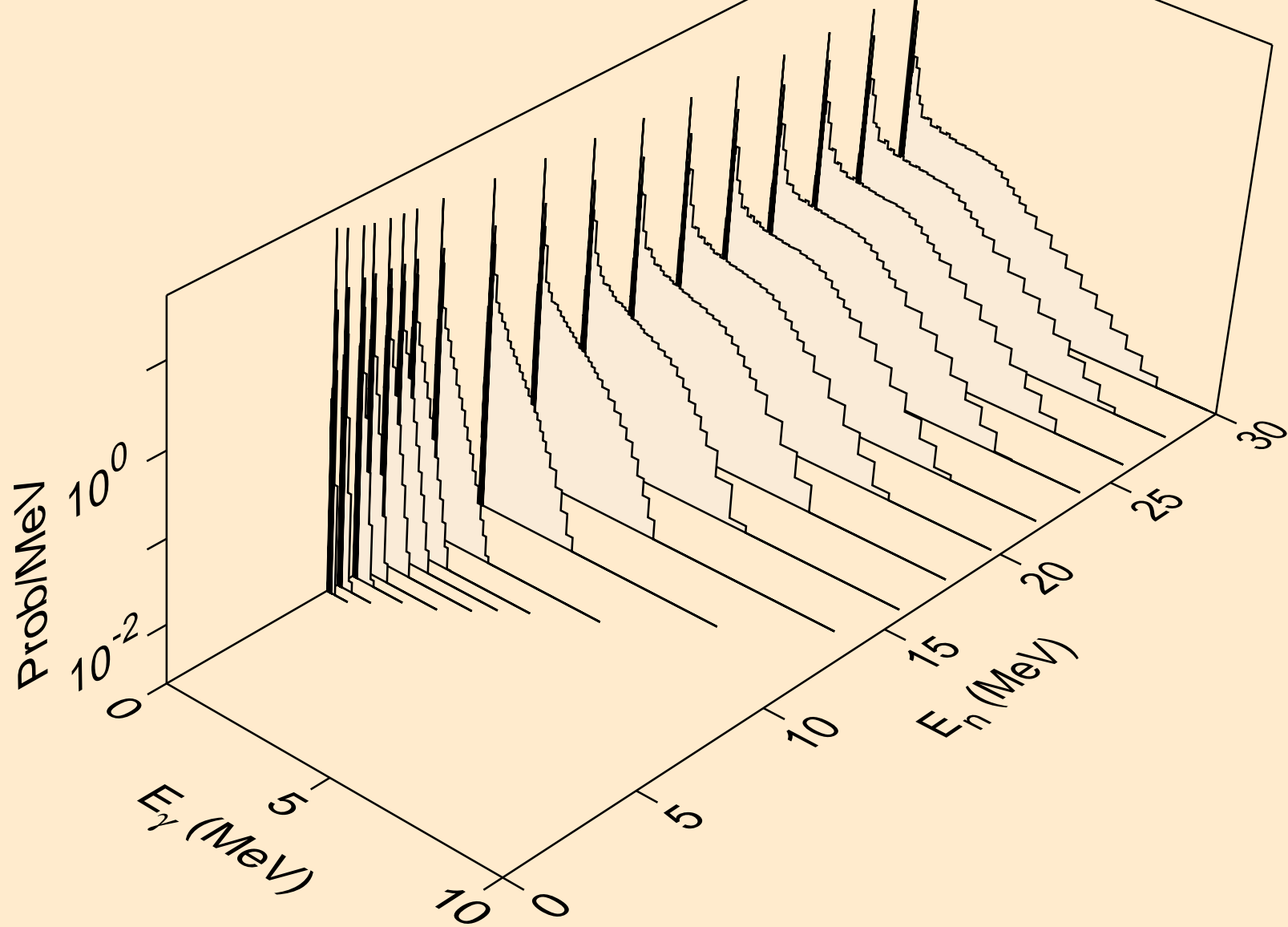
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



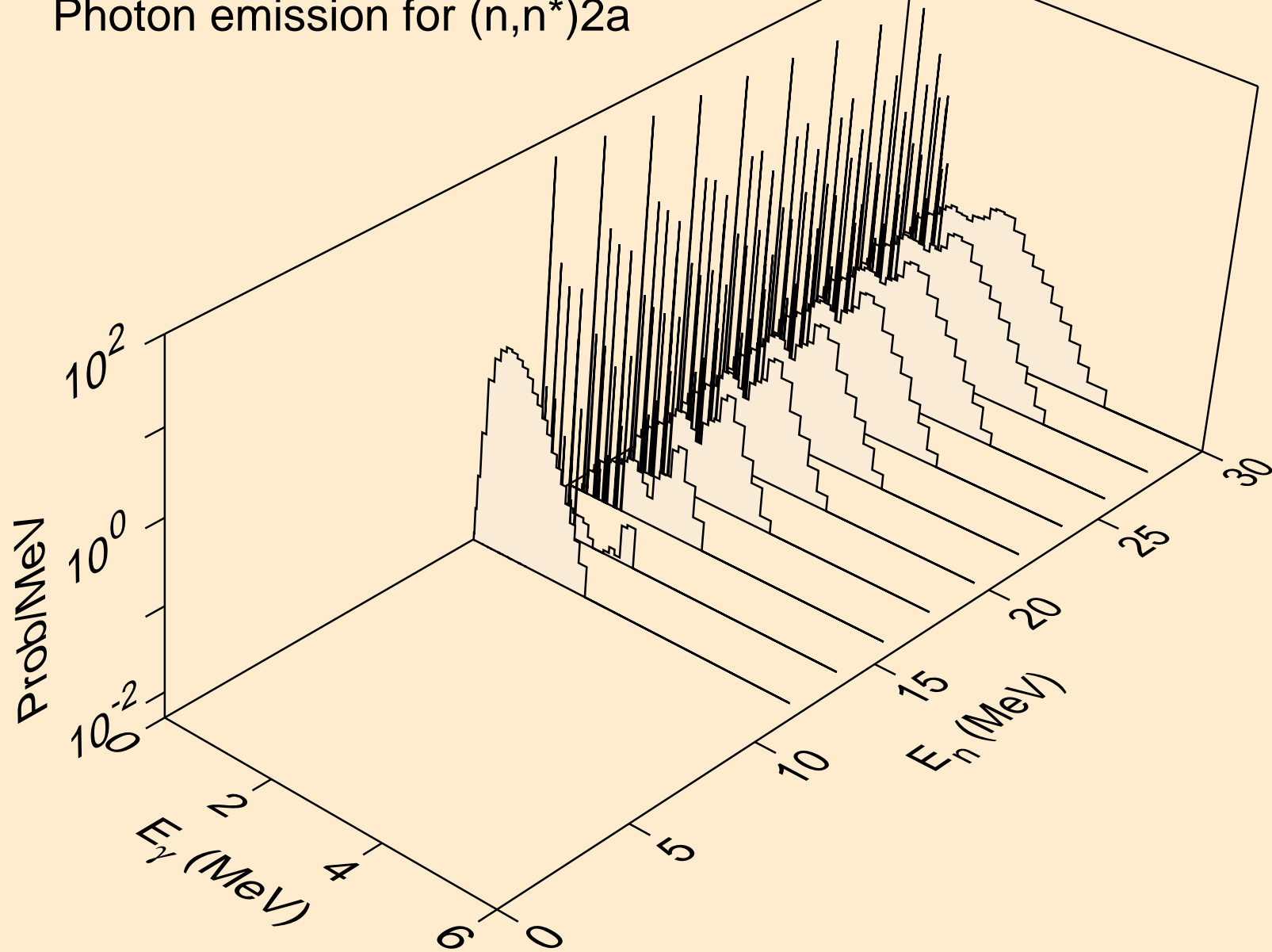
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

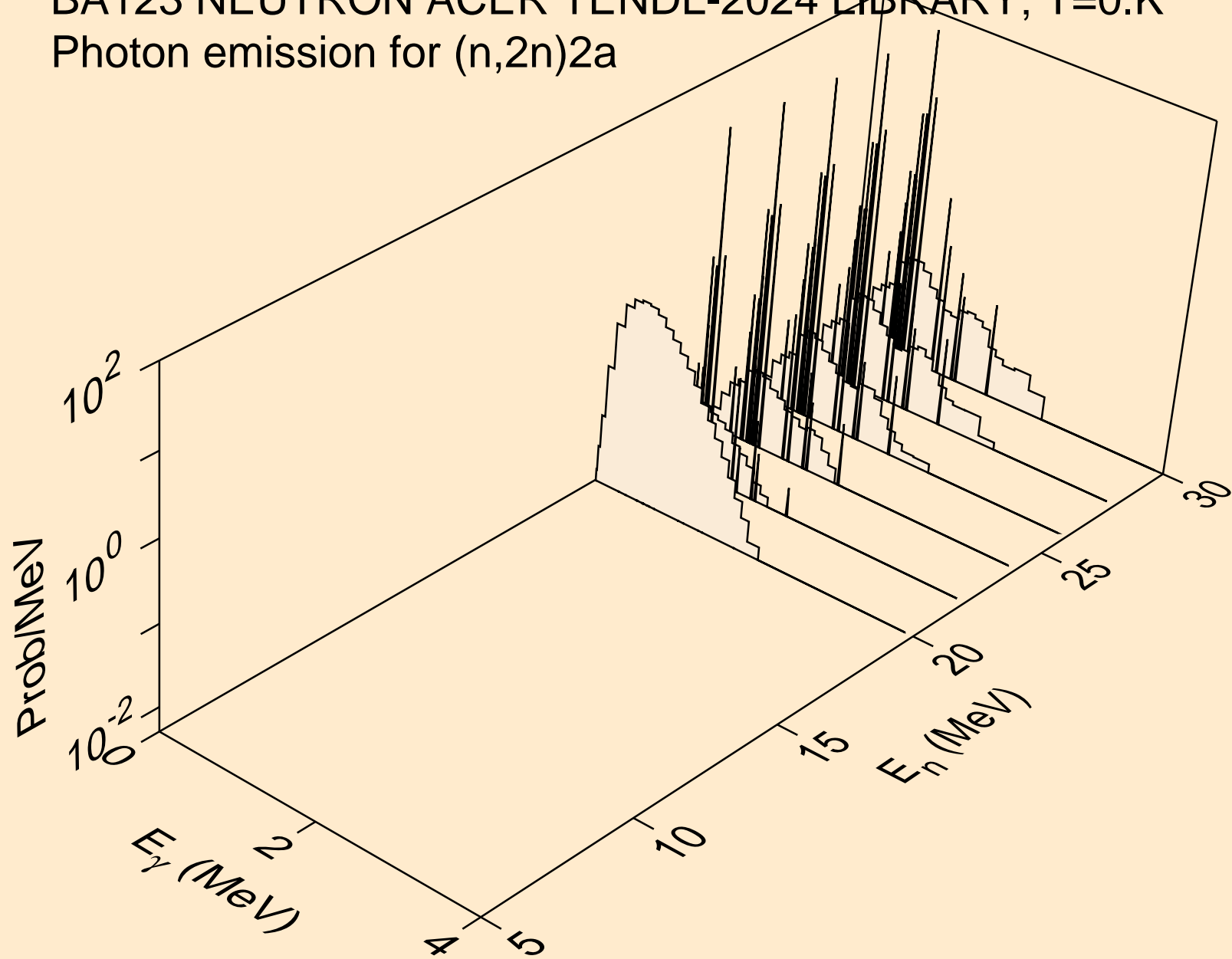


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

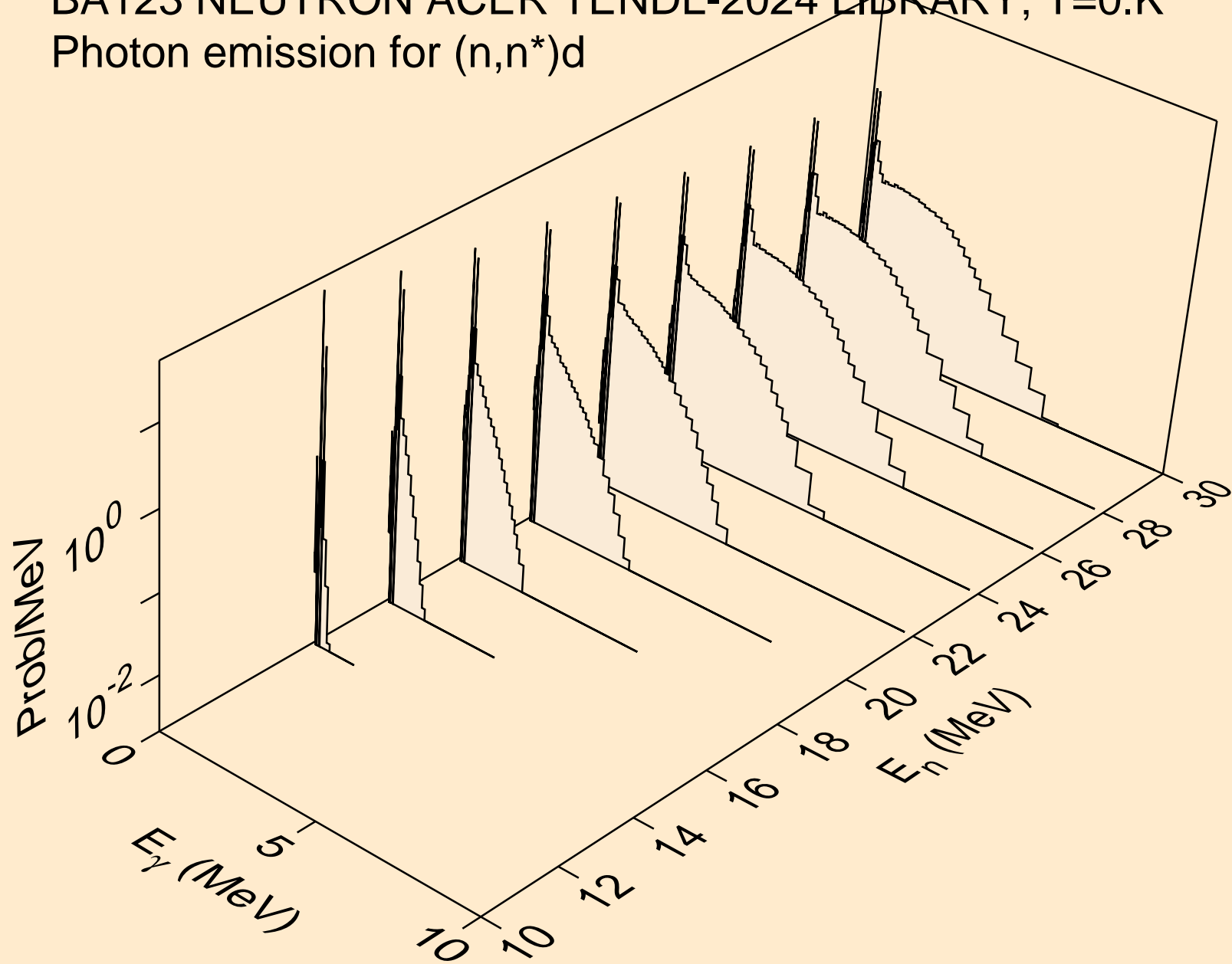




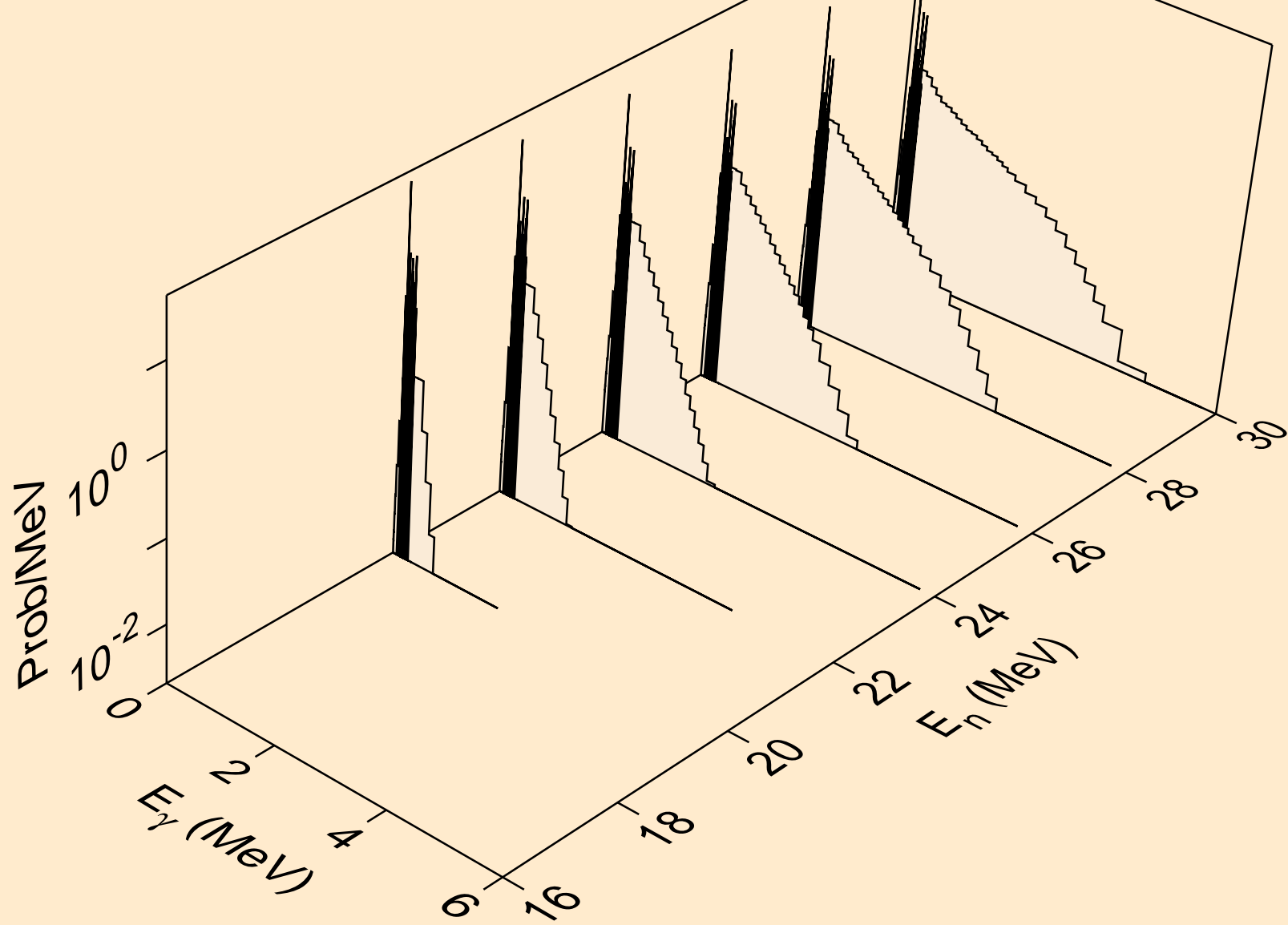
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



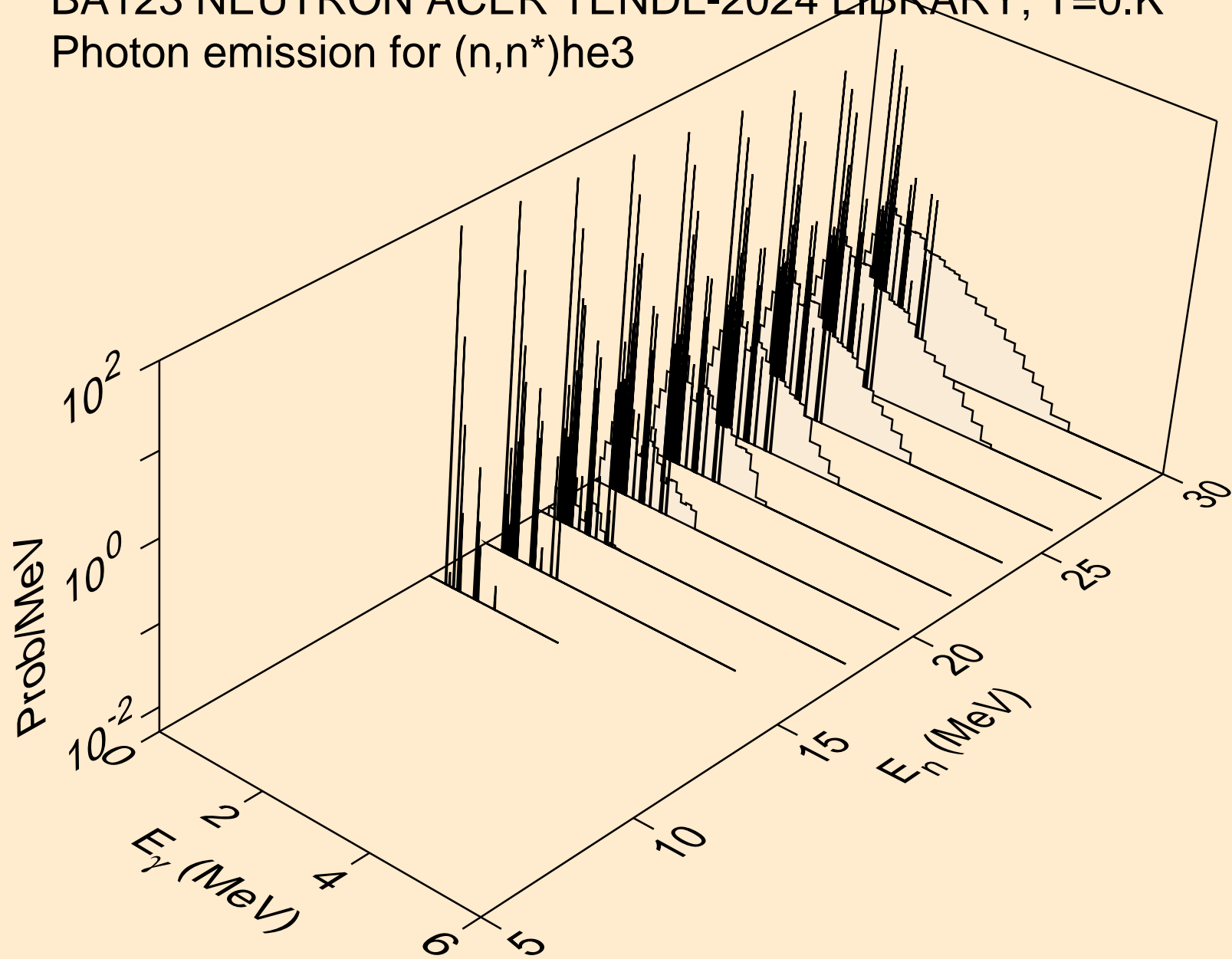
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



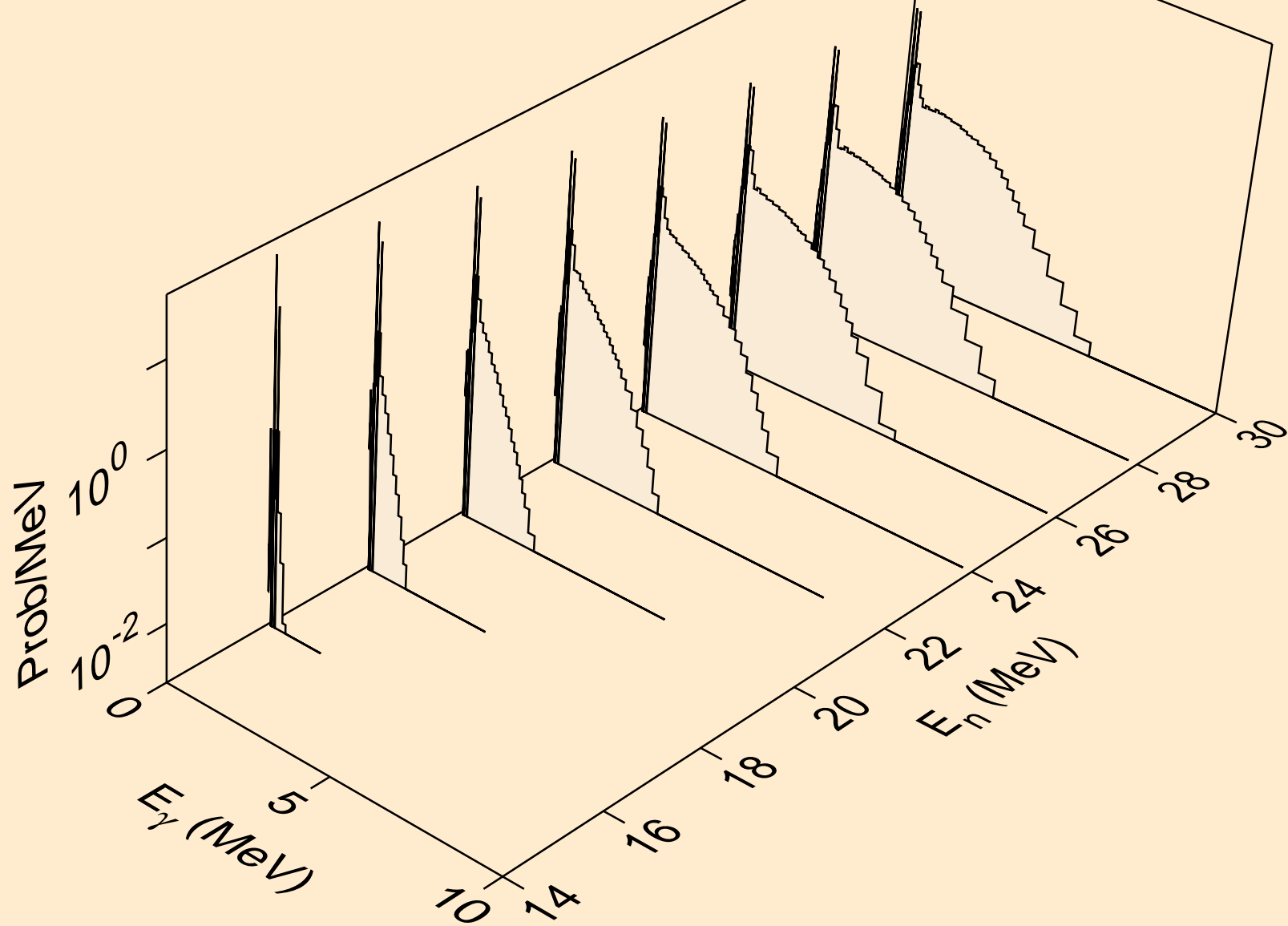
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



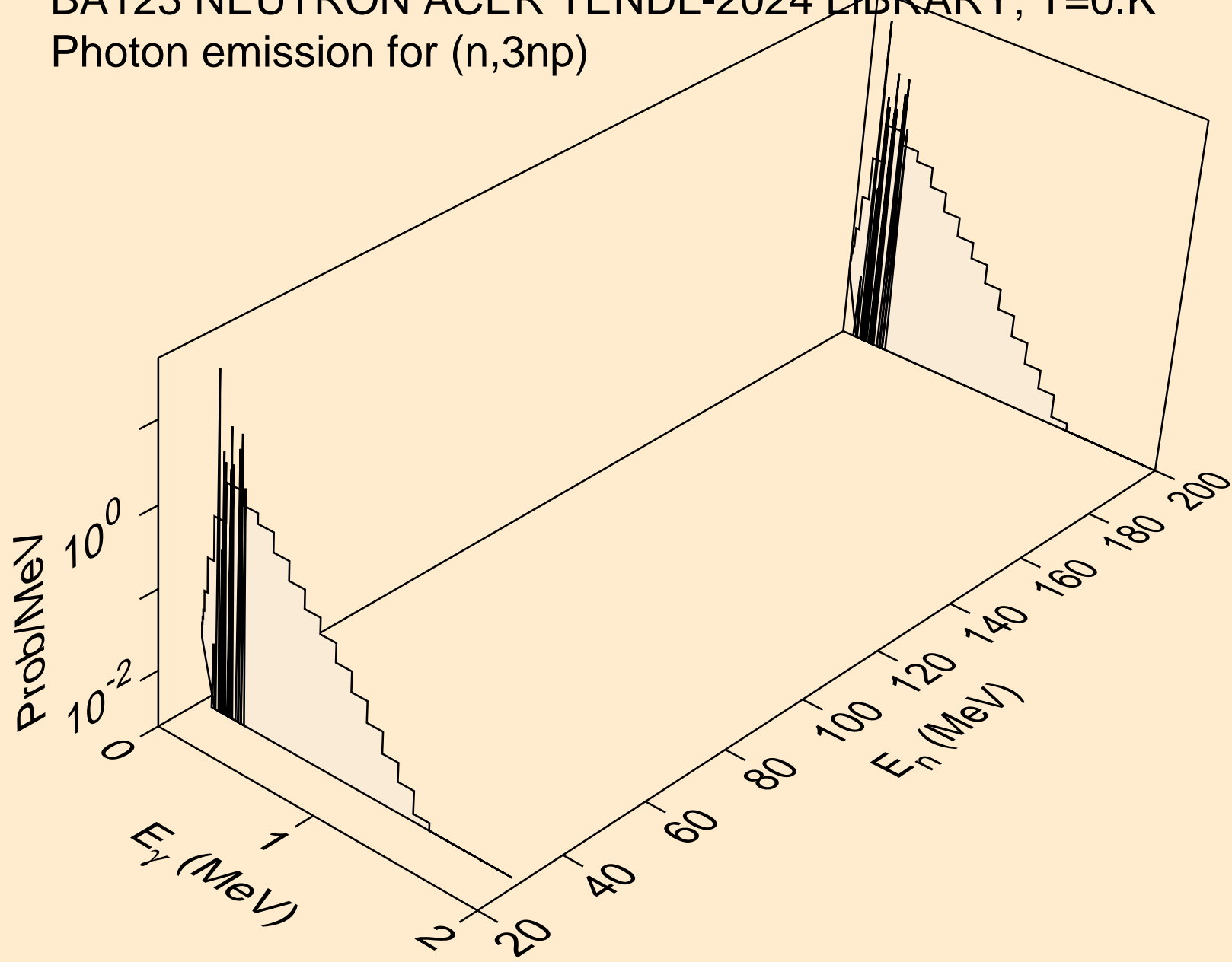
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



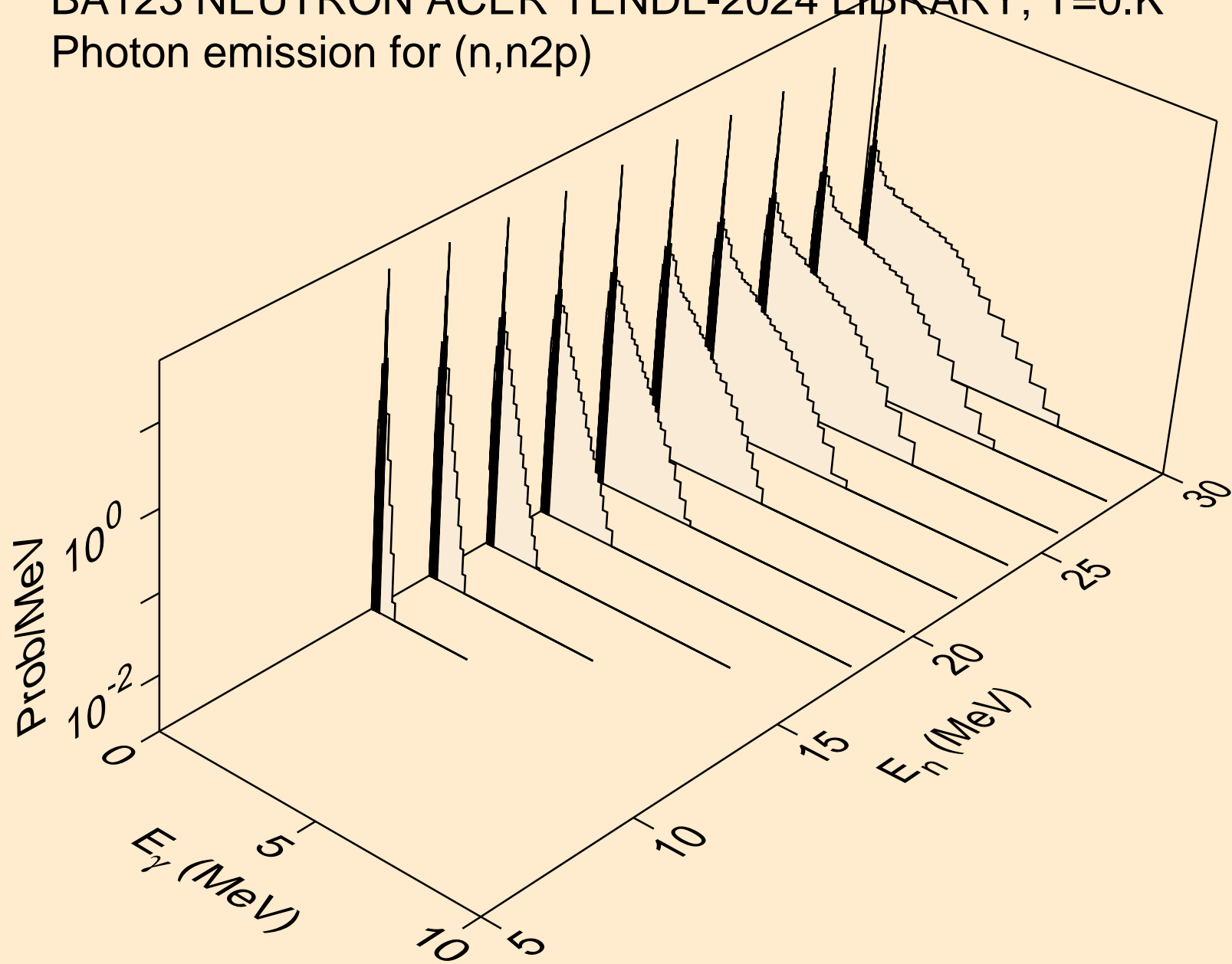
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



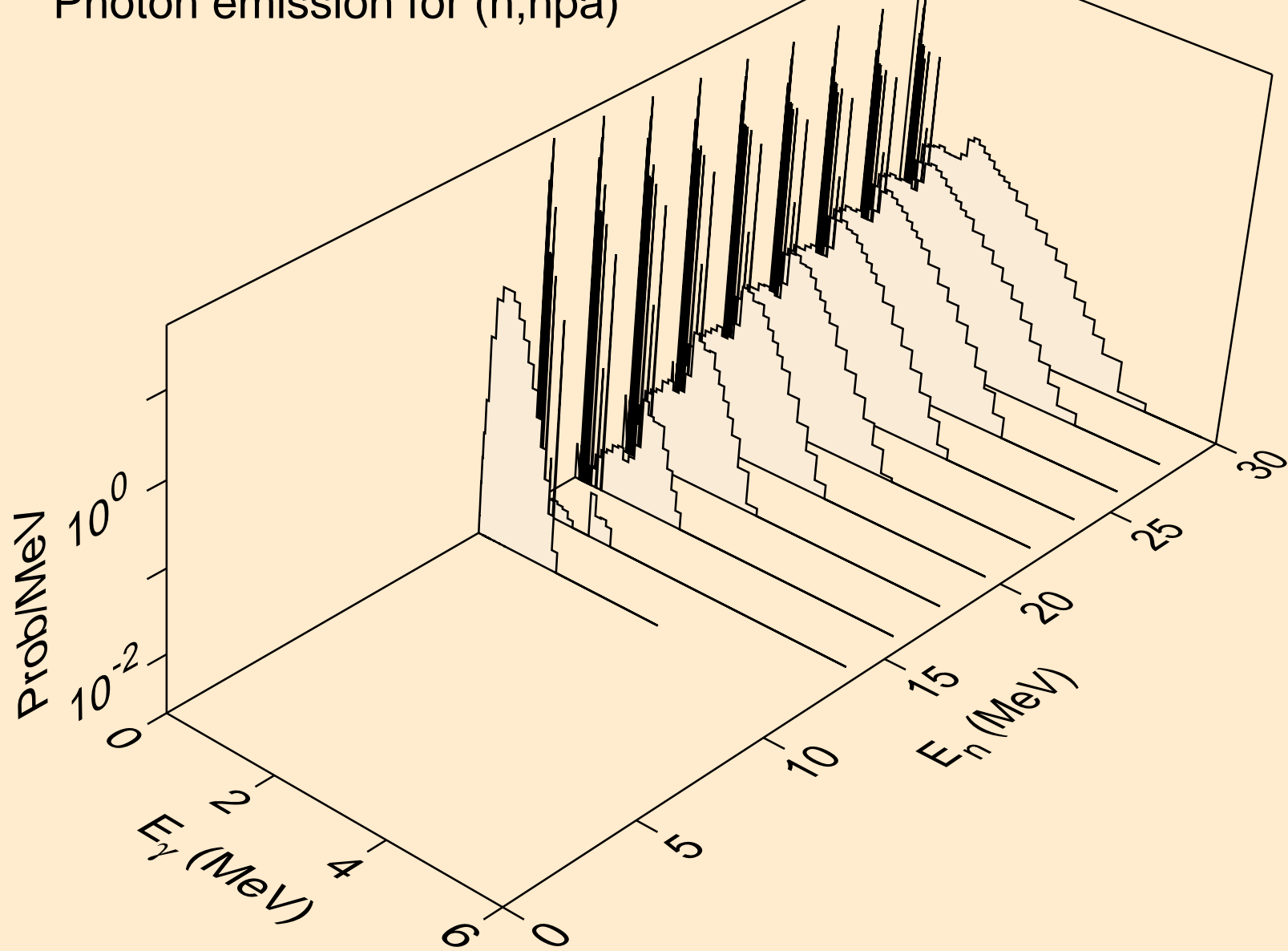
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

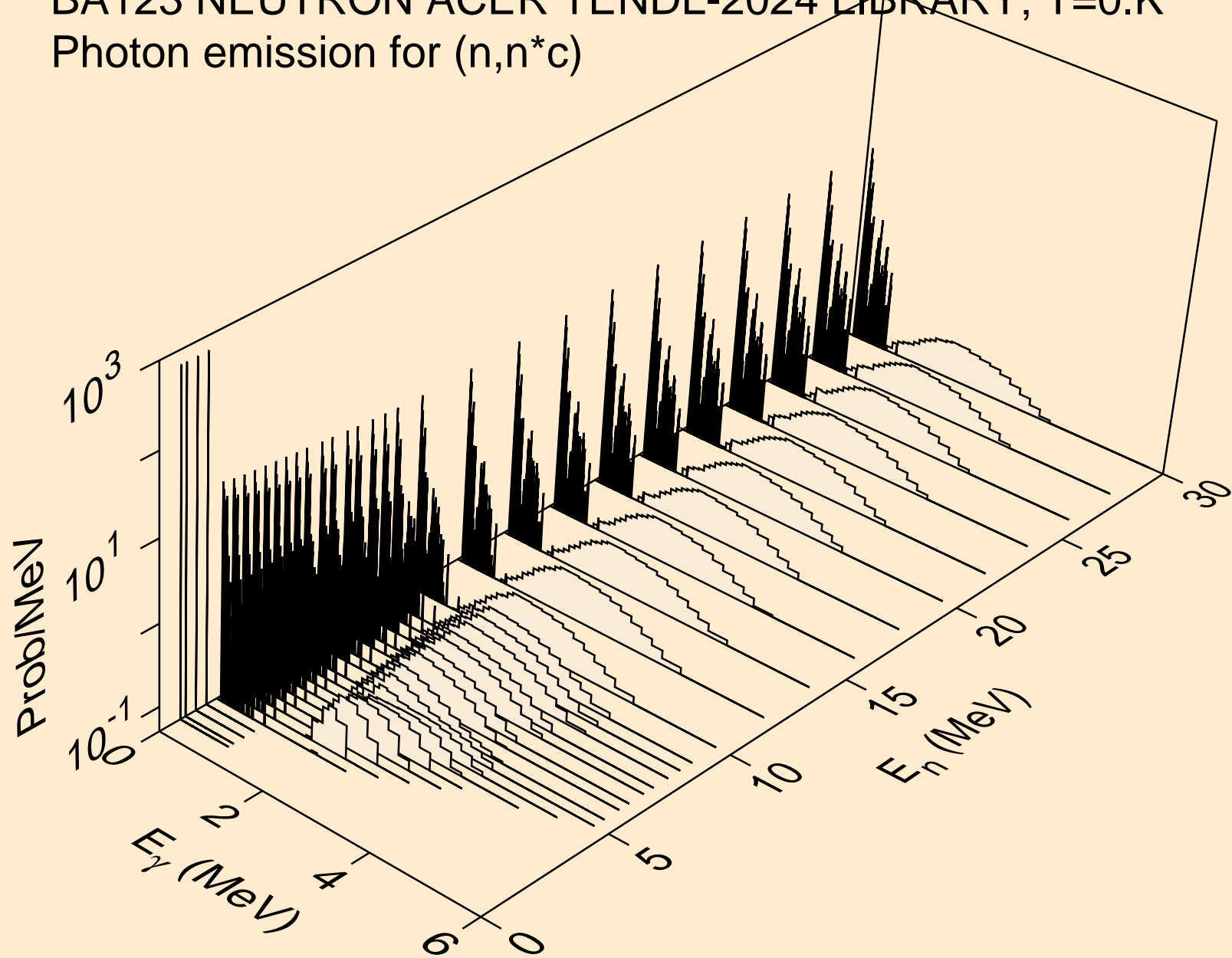


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

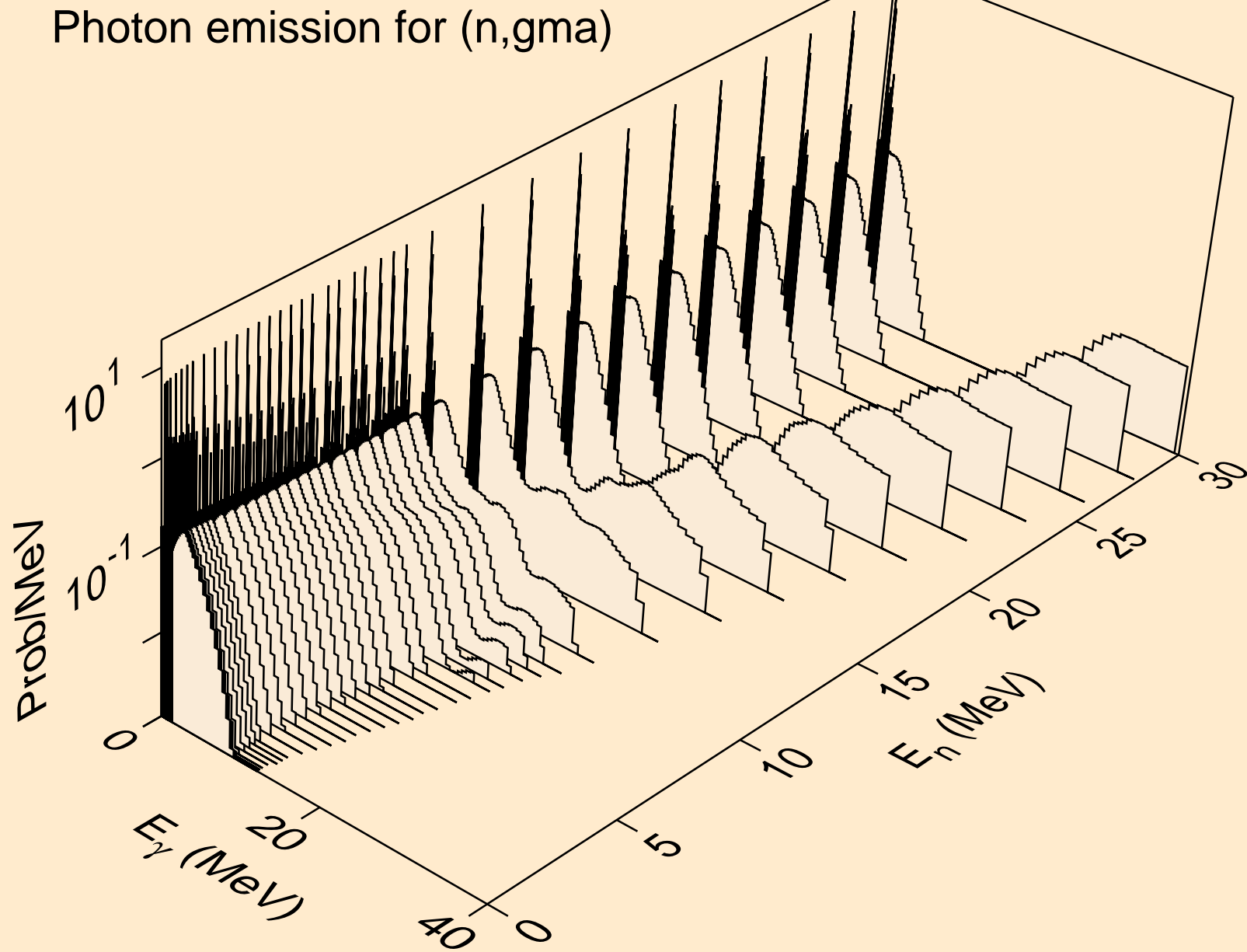




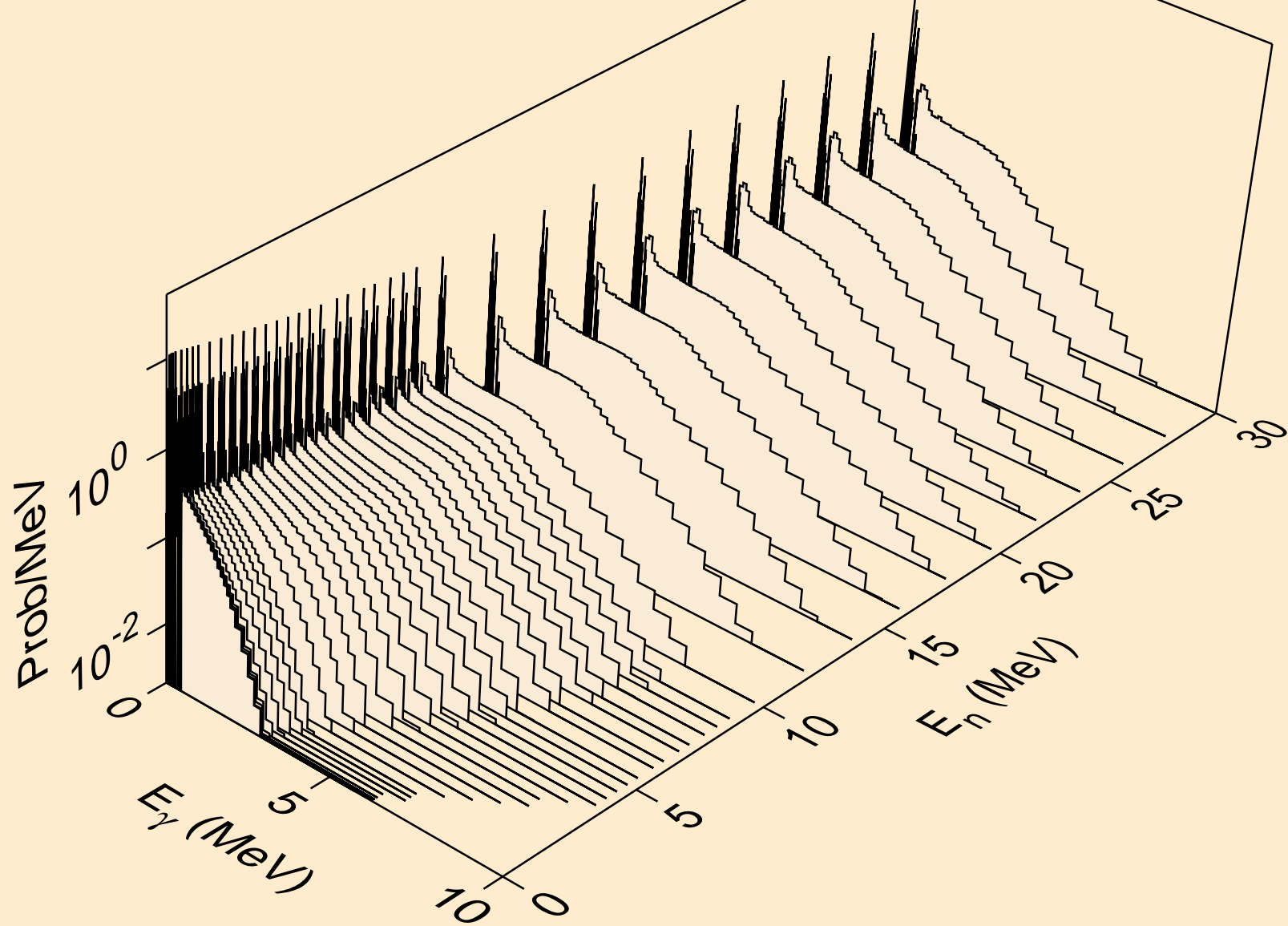
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Photon emission for (n,n\*c)



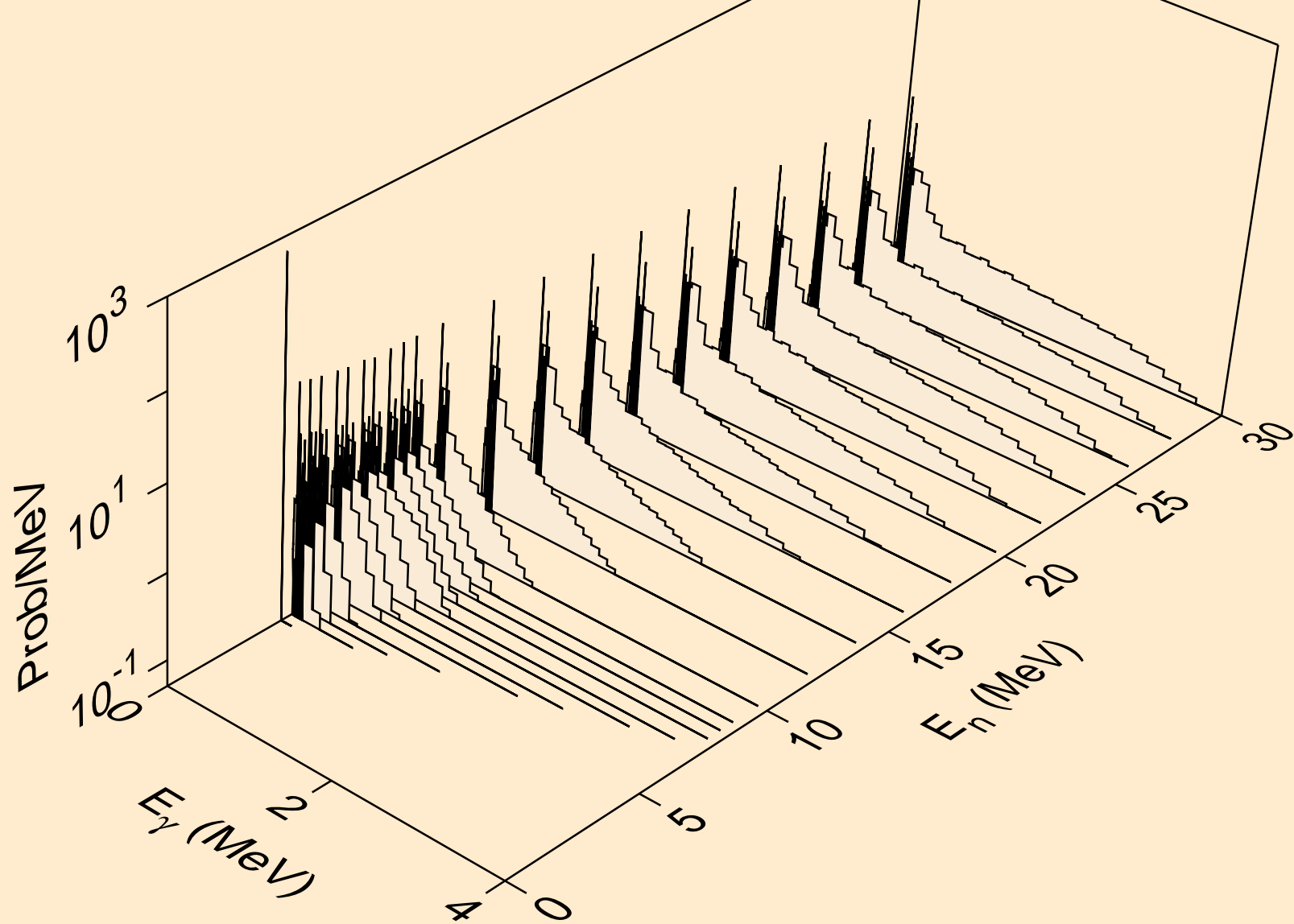
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Photon emission for (n,gma)



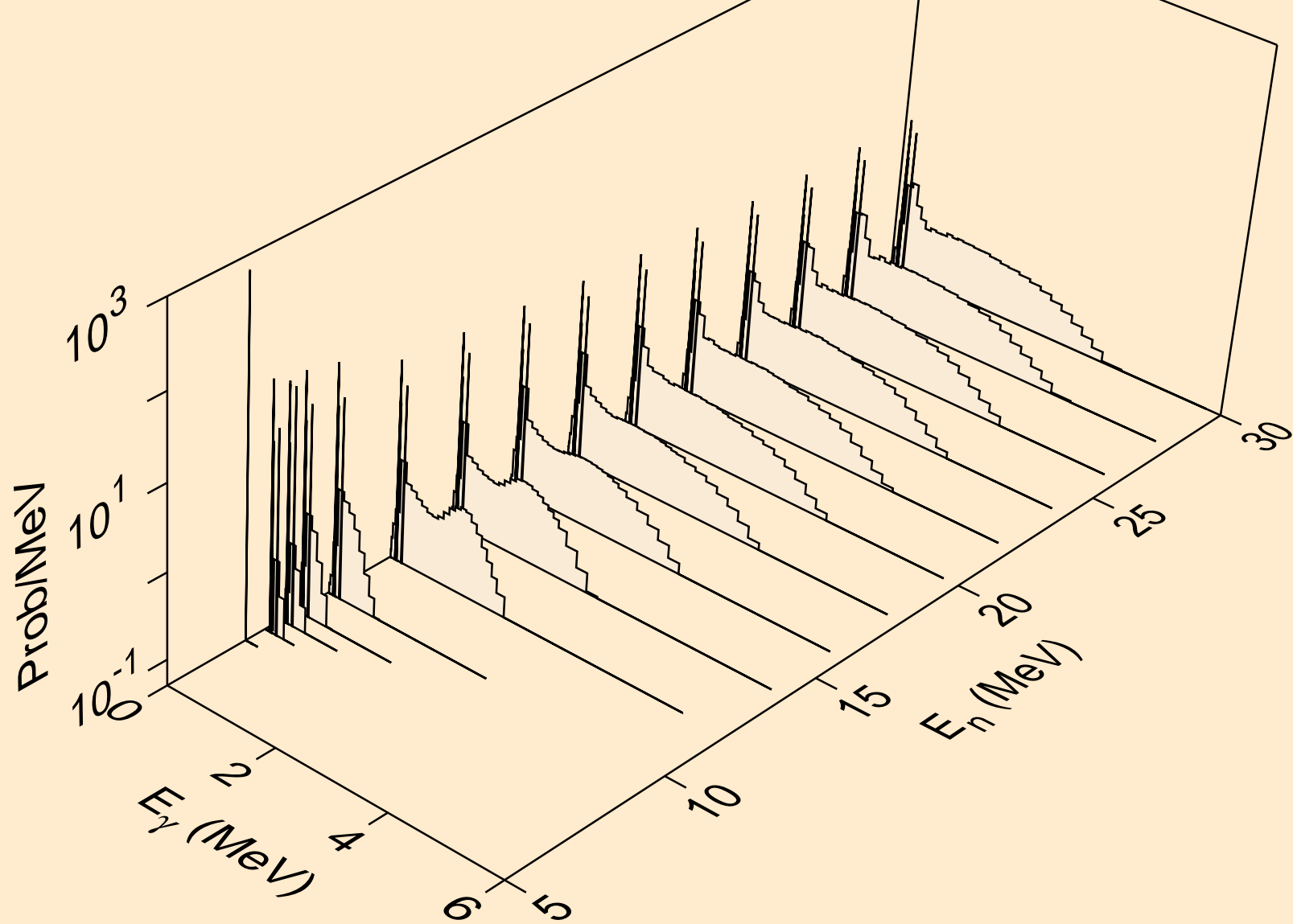
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Photon emission for (n,p)



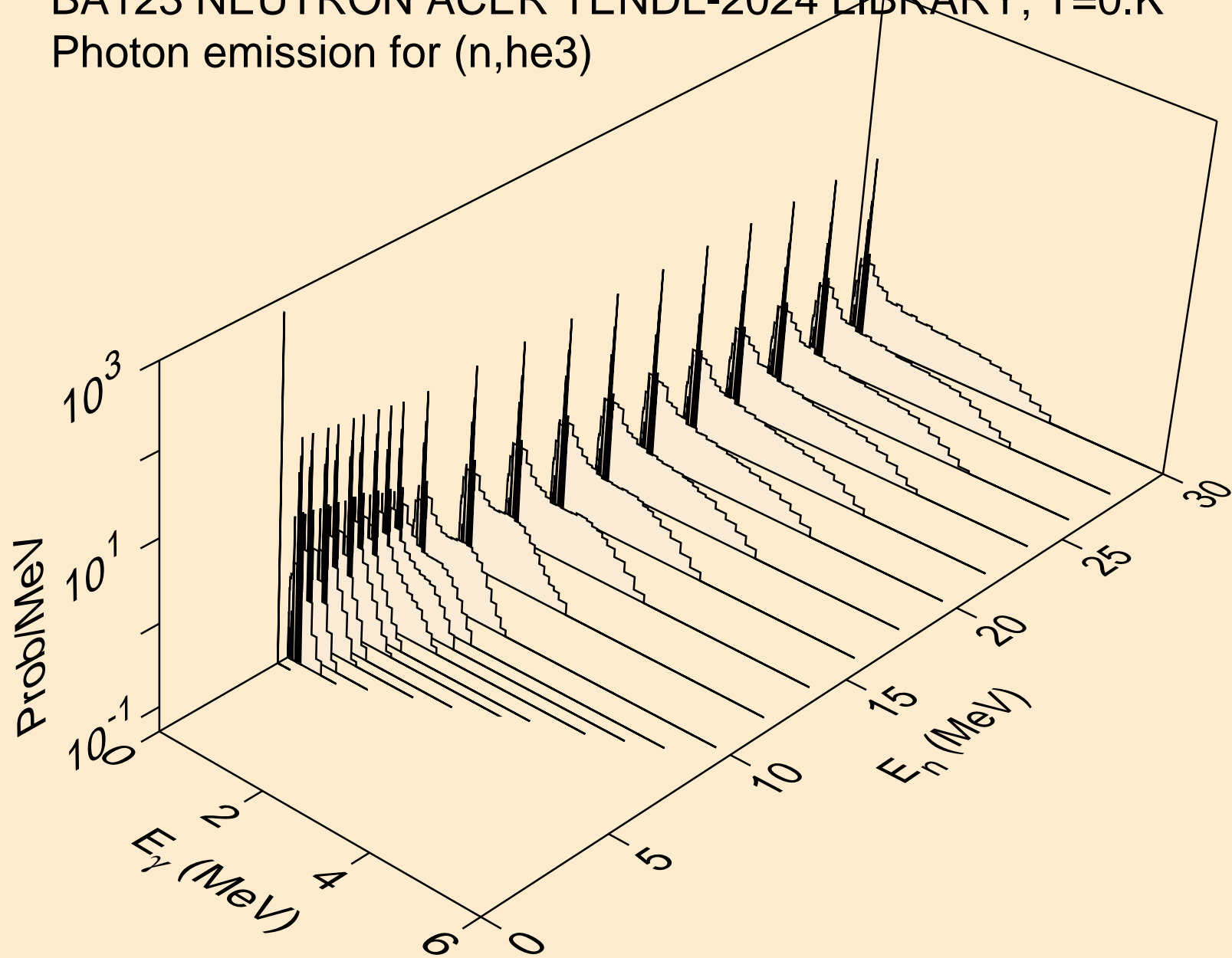
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Photon emission for (n,d)



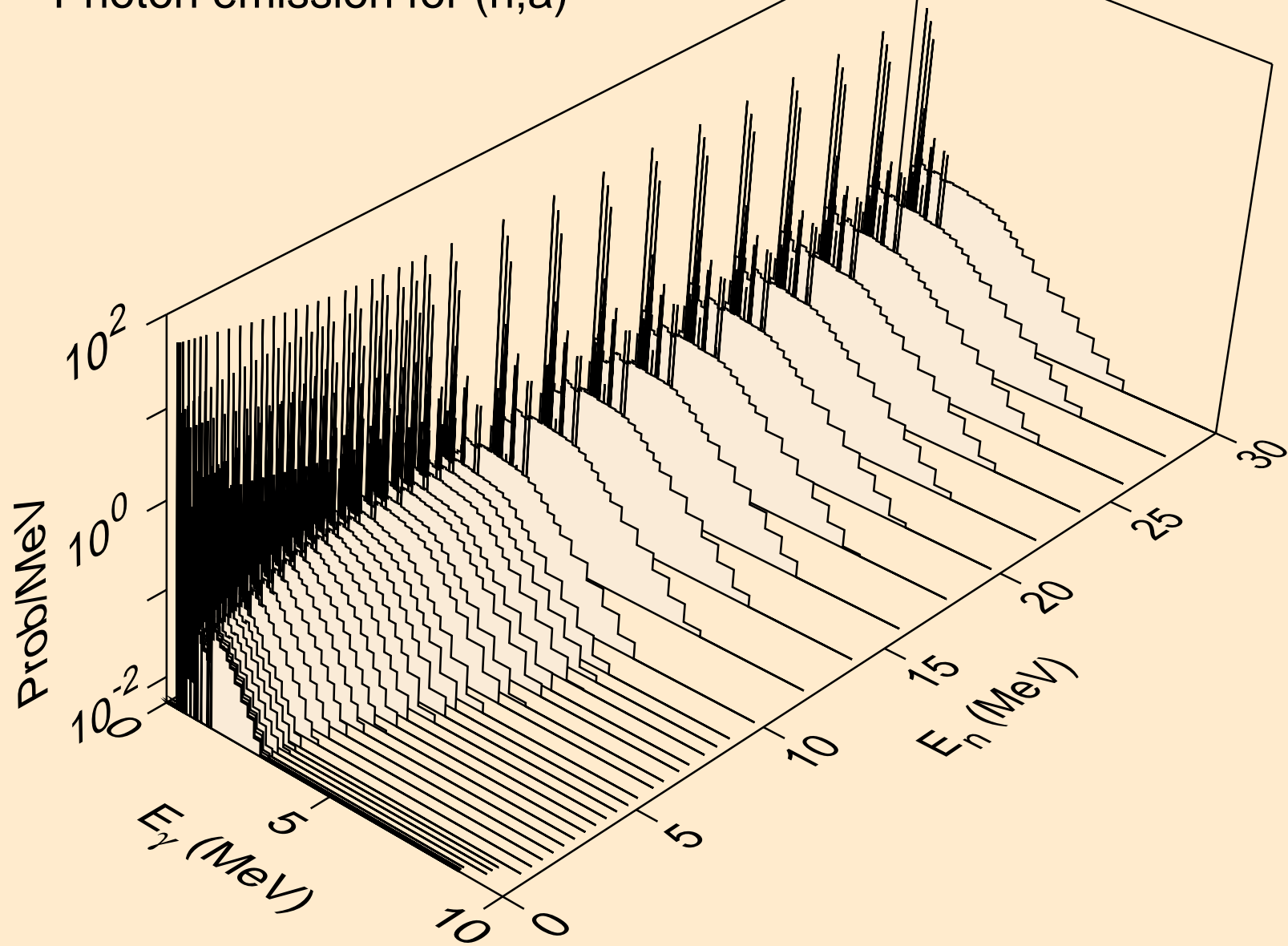
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Photon emission for (n,t)



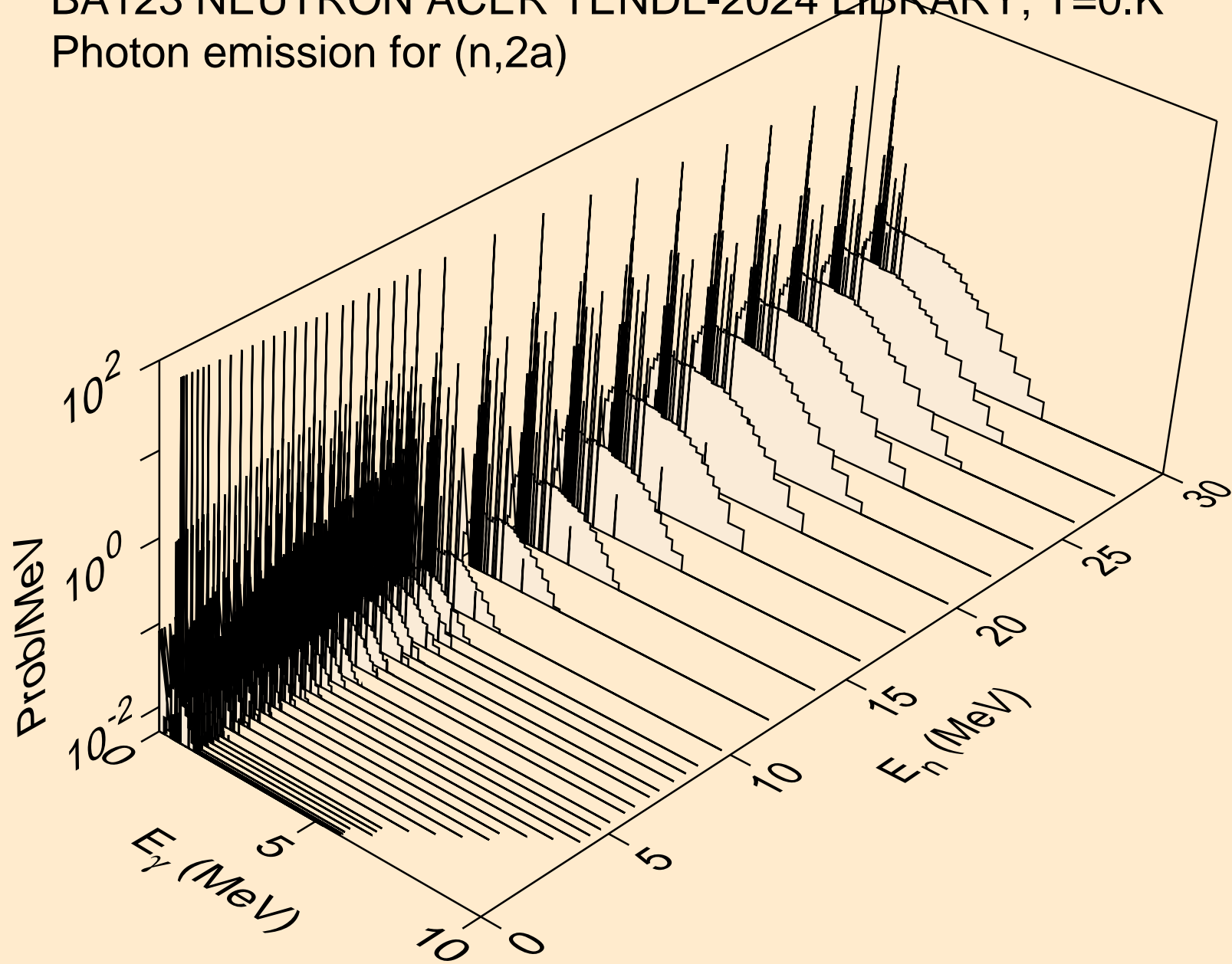
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

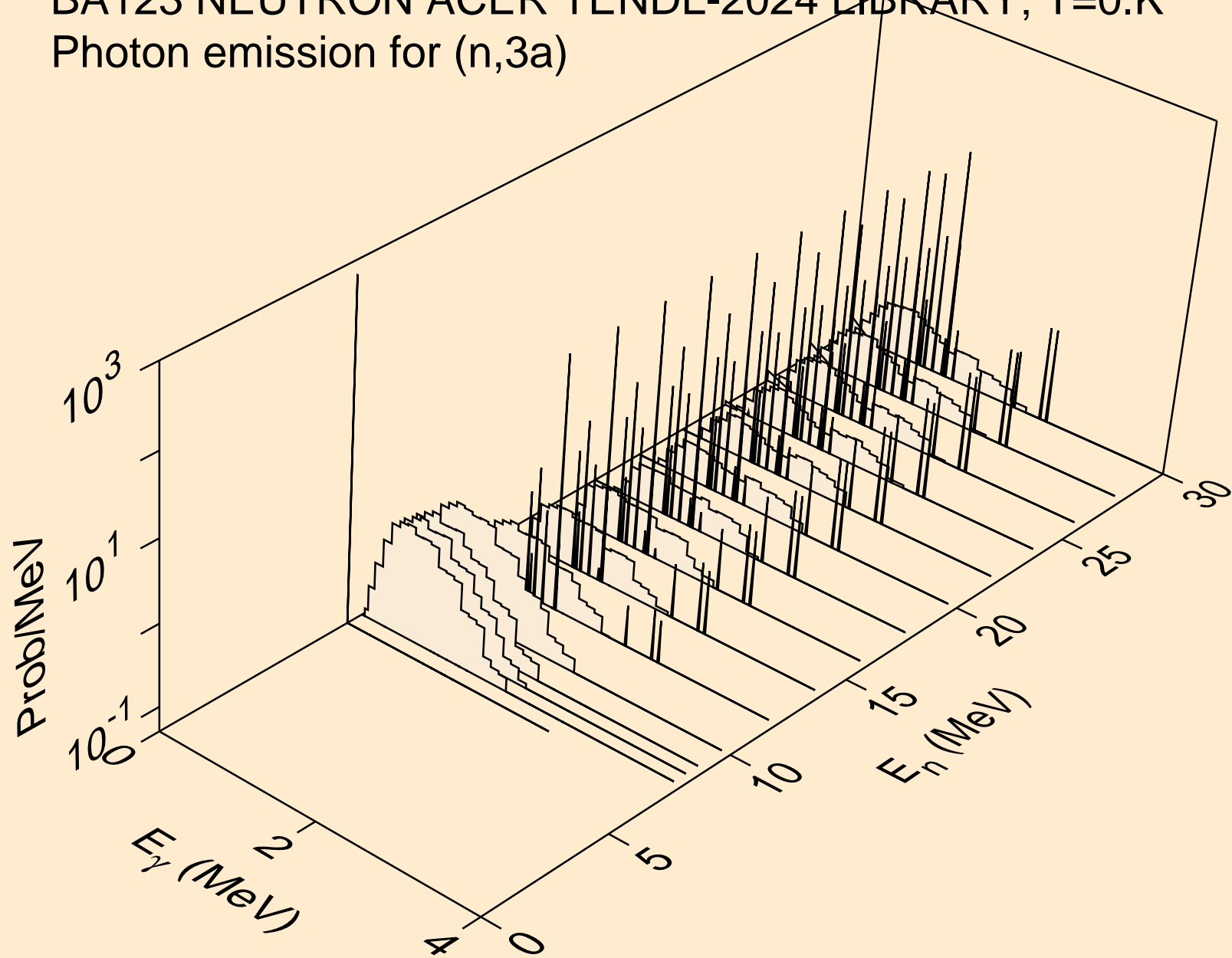


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Photon emission for (n,2a)

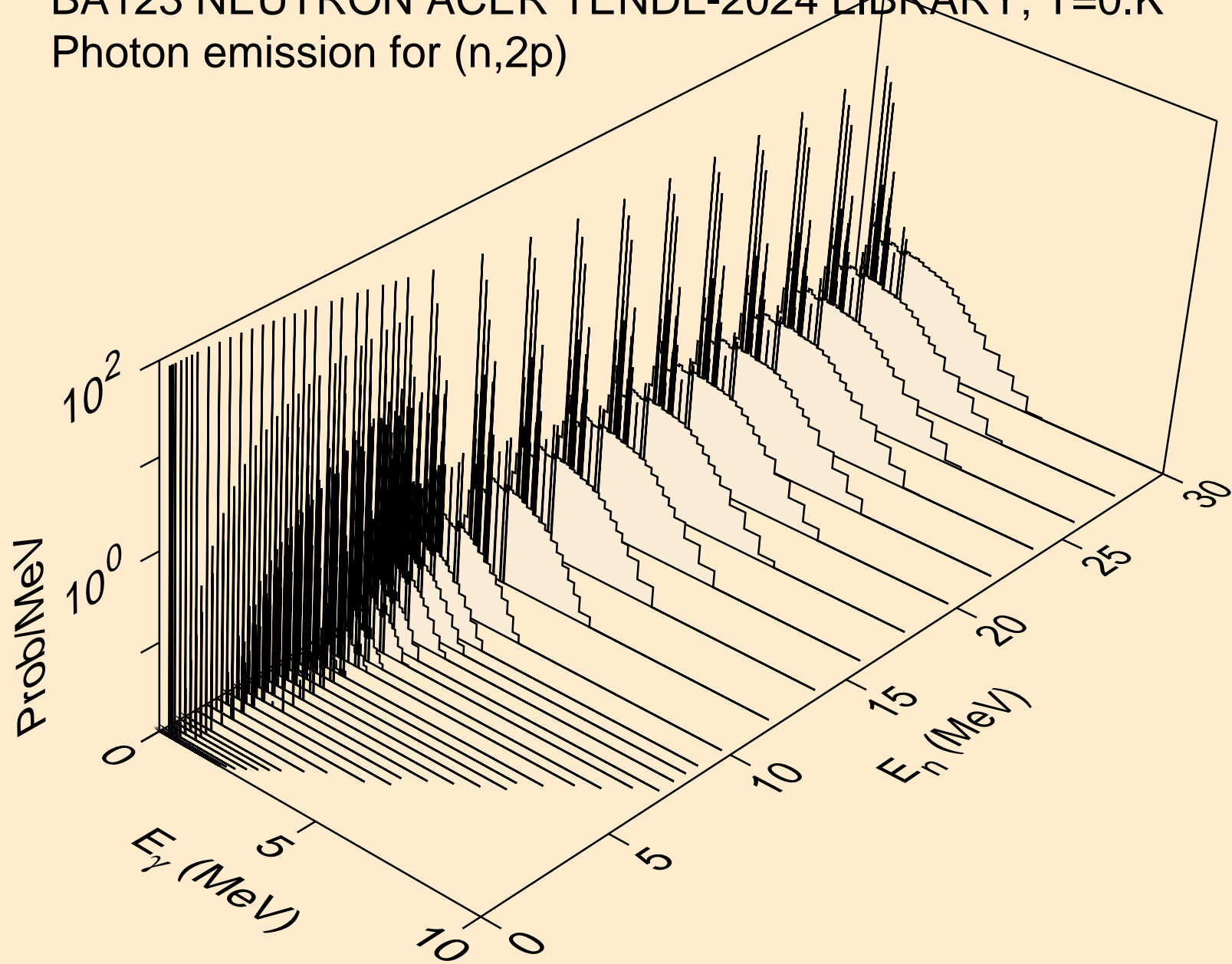




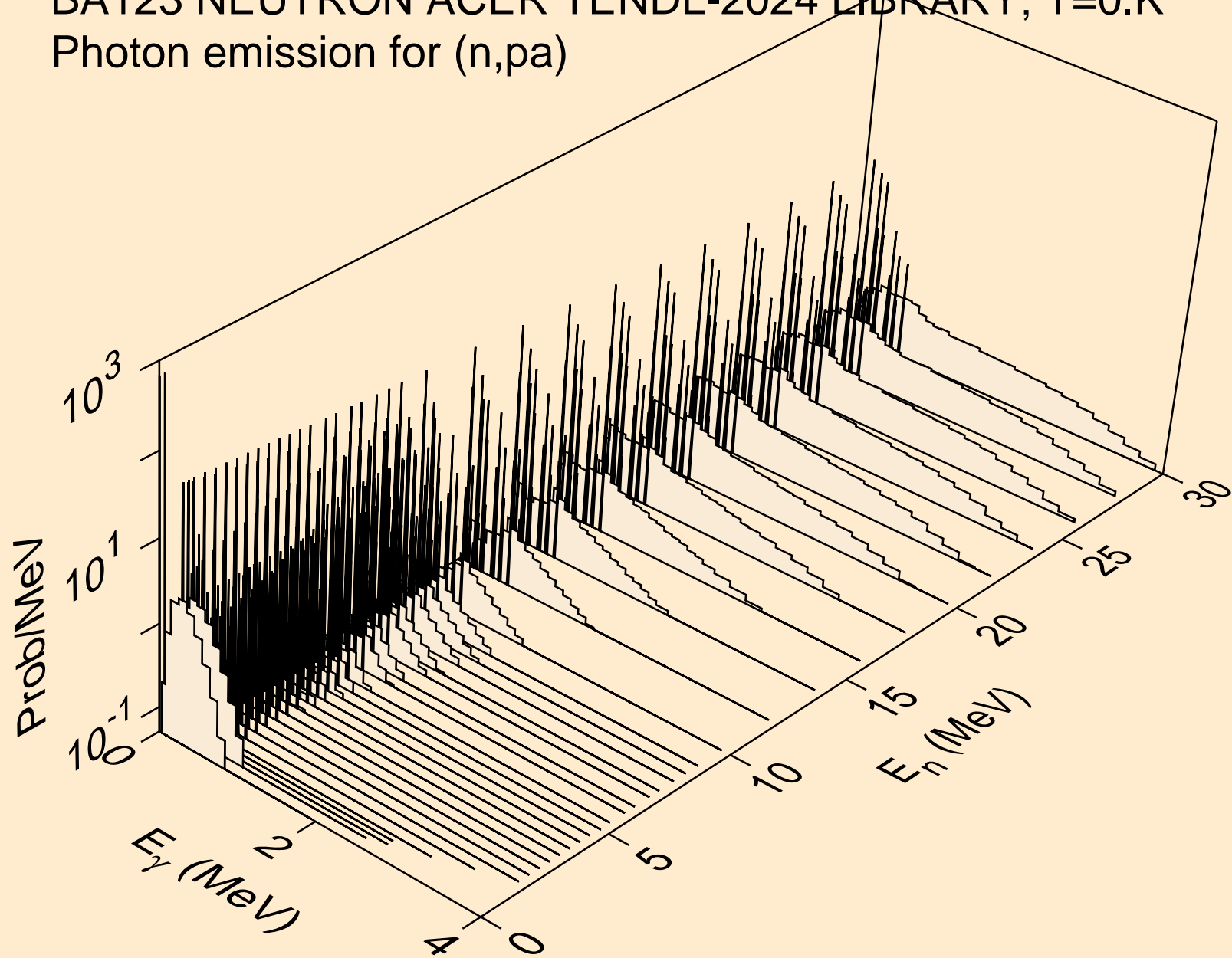
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Photon emission for (n,3a)



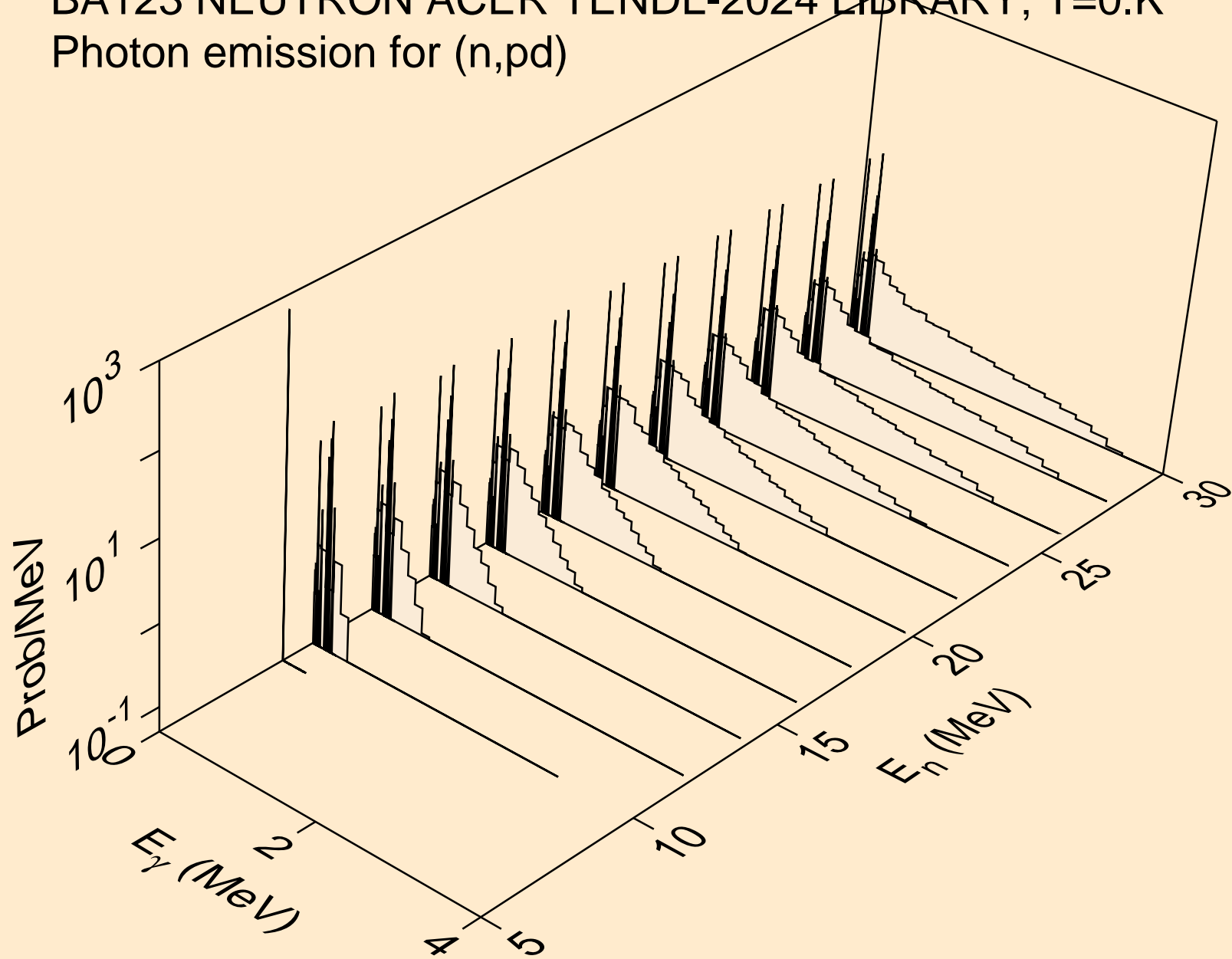
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Photon emission for (n,2p)



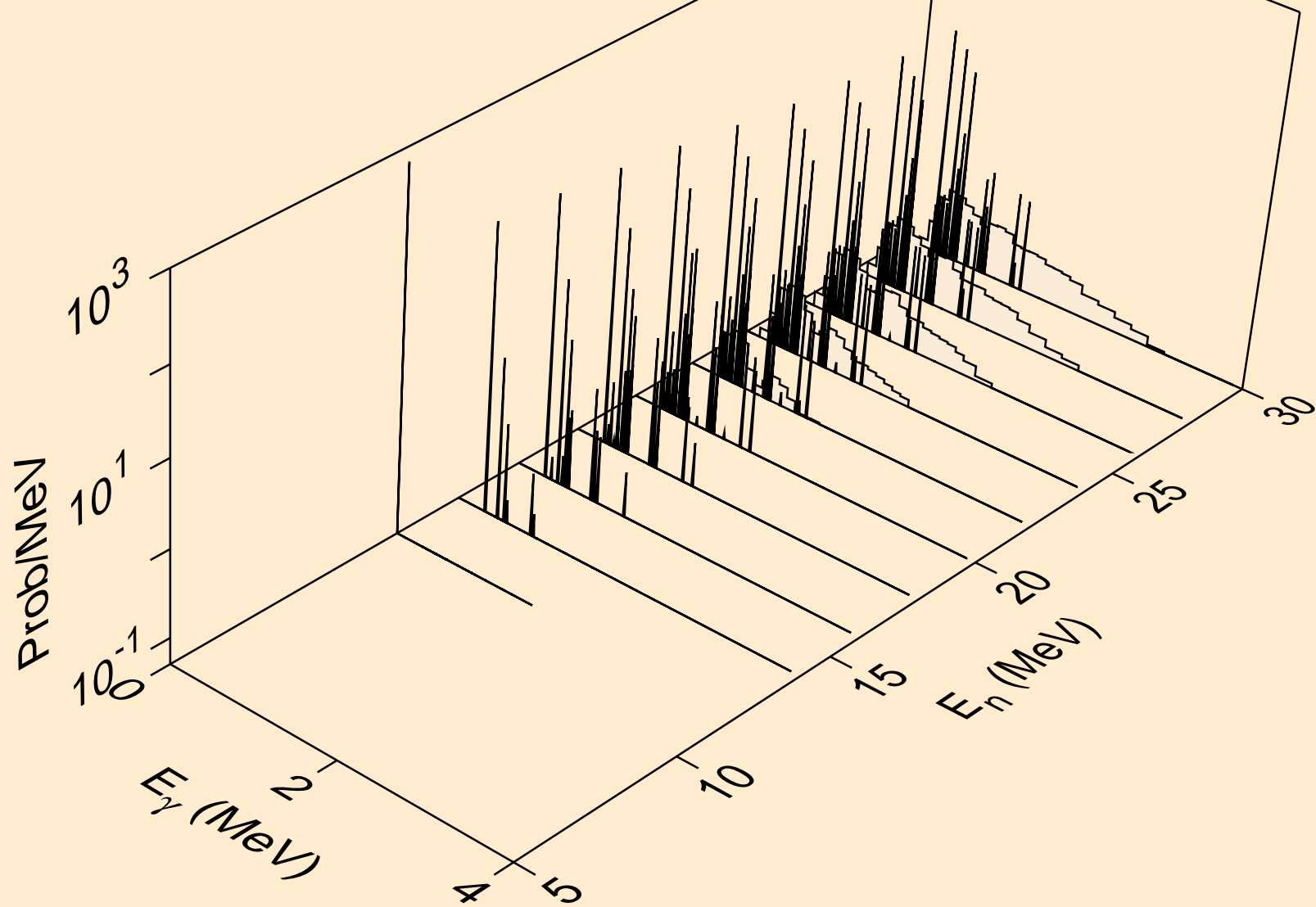
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Photon emission for (n,p)



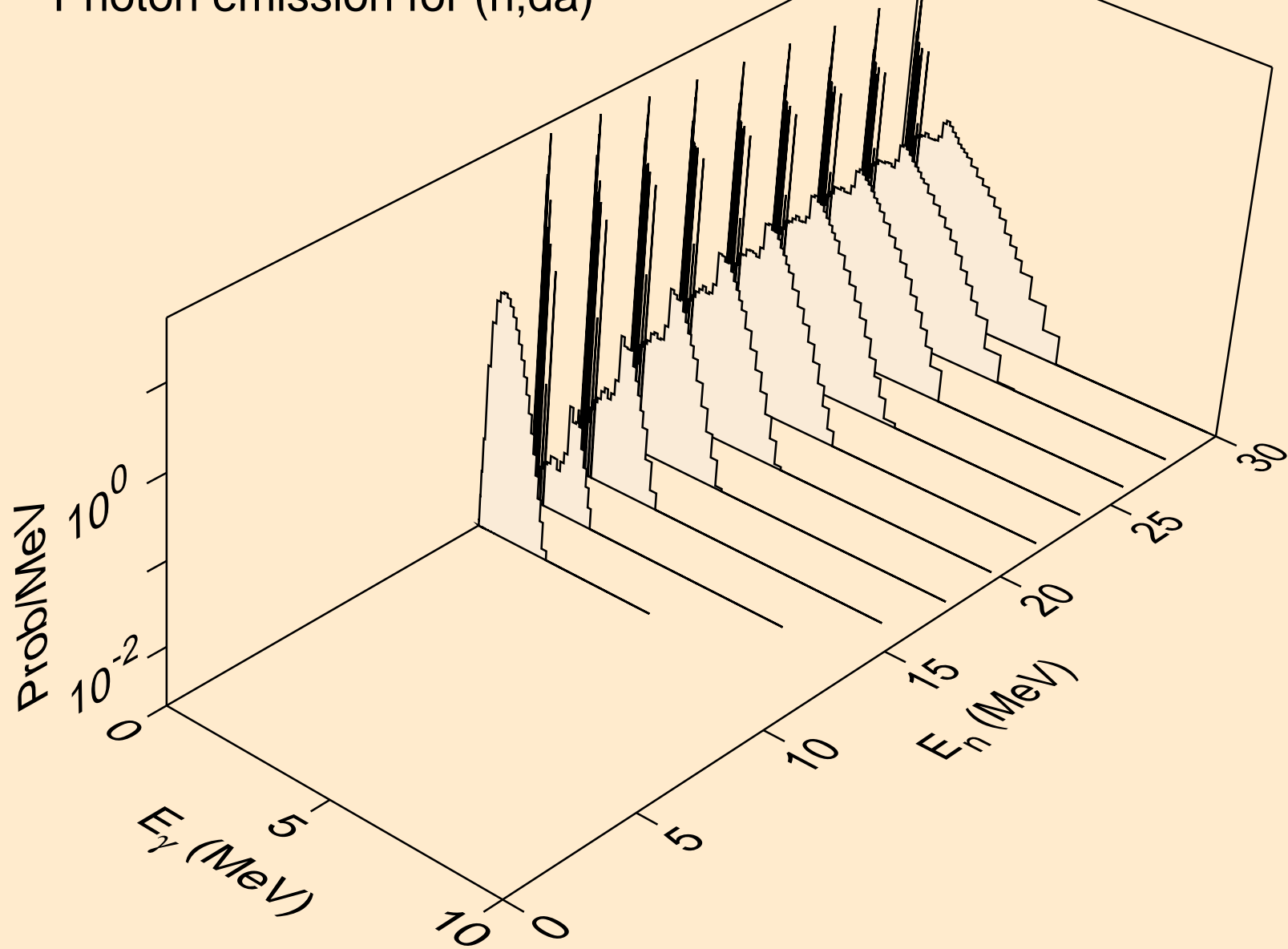
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Photon emission for (n,pd)



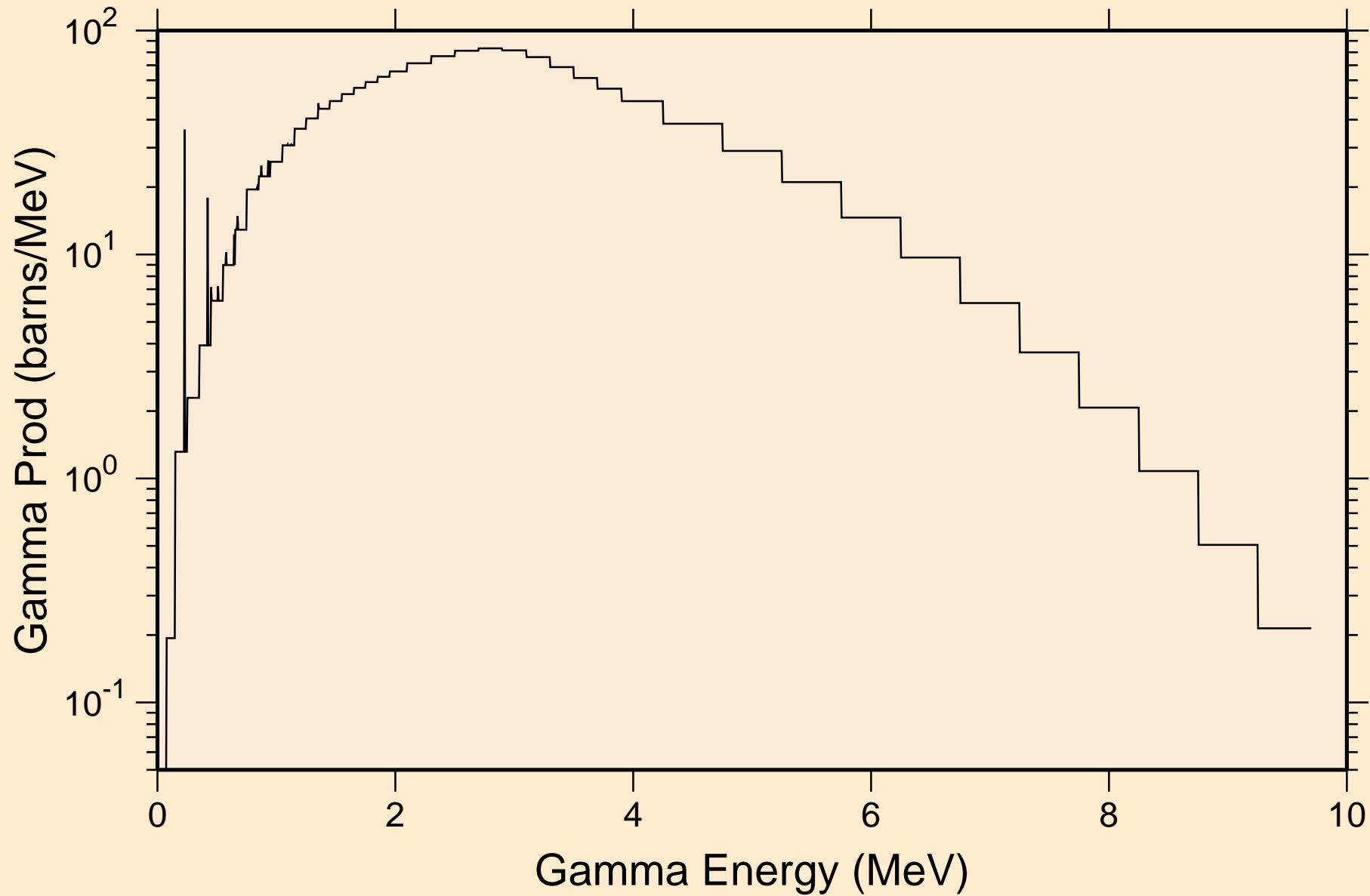
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



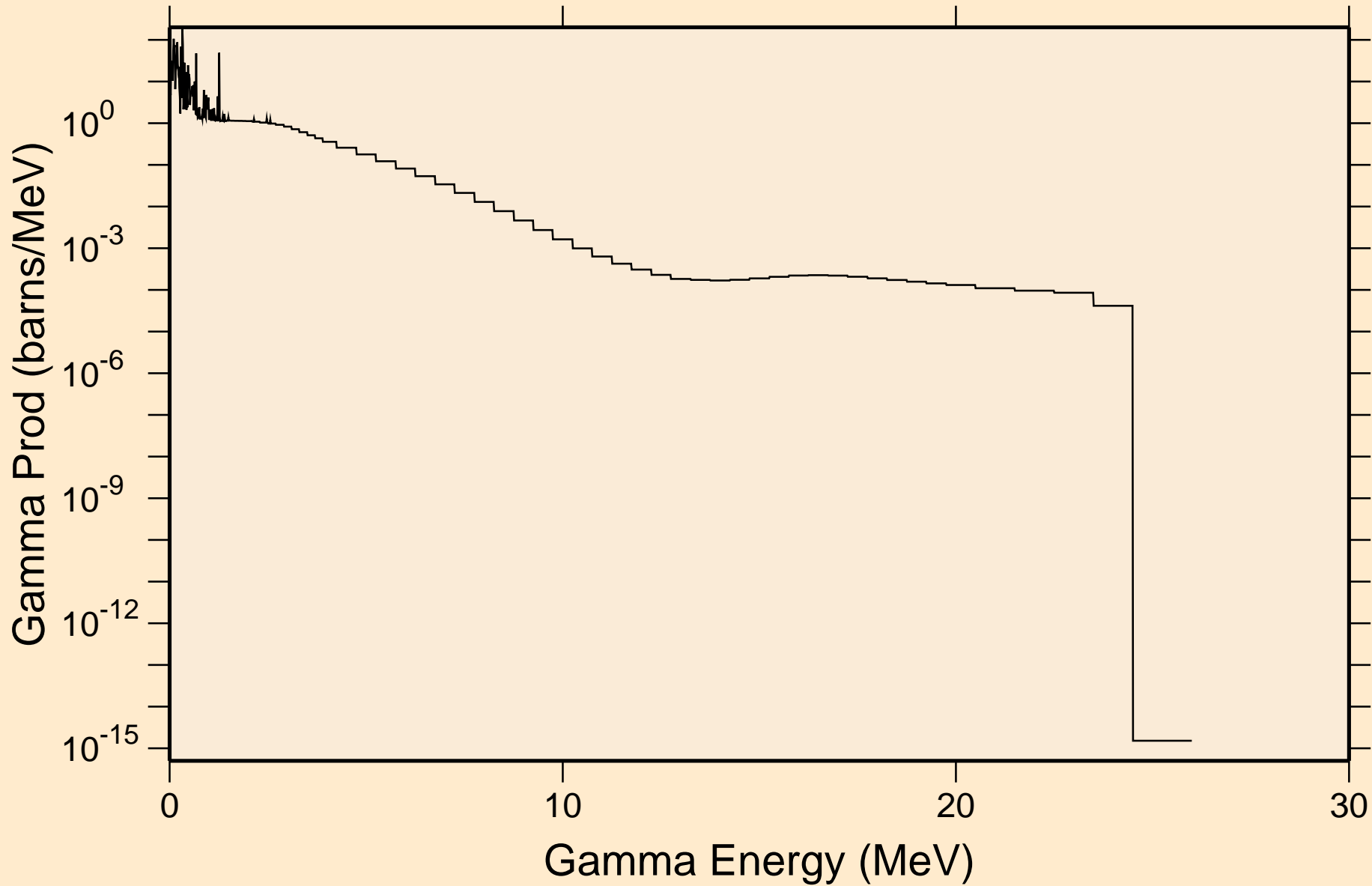
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



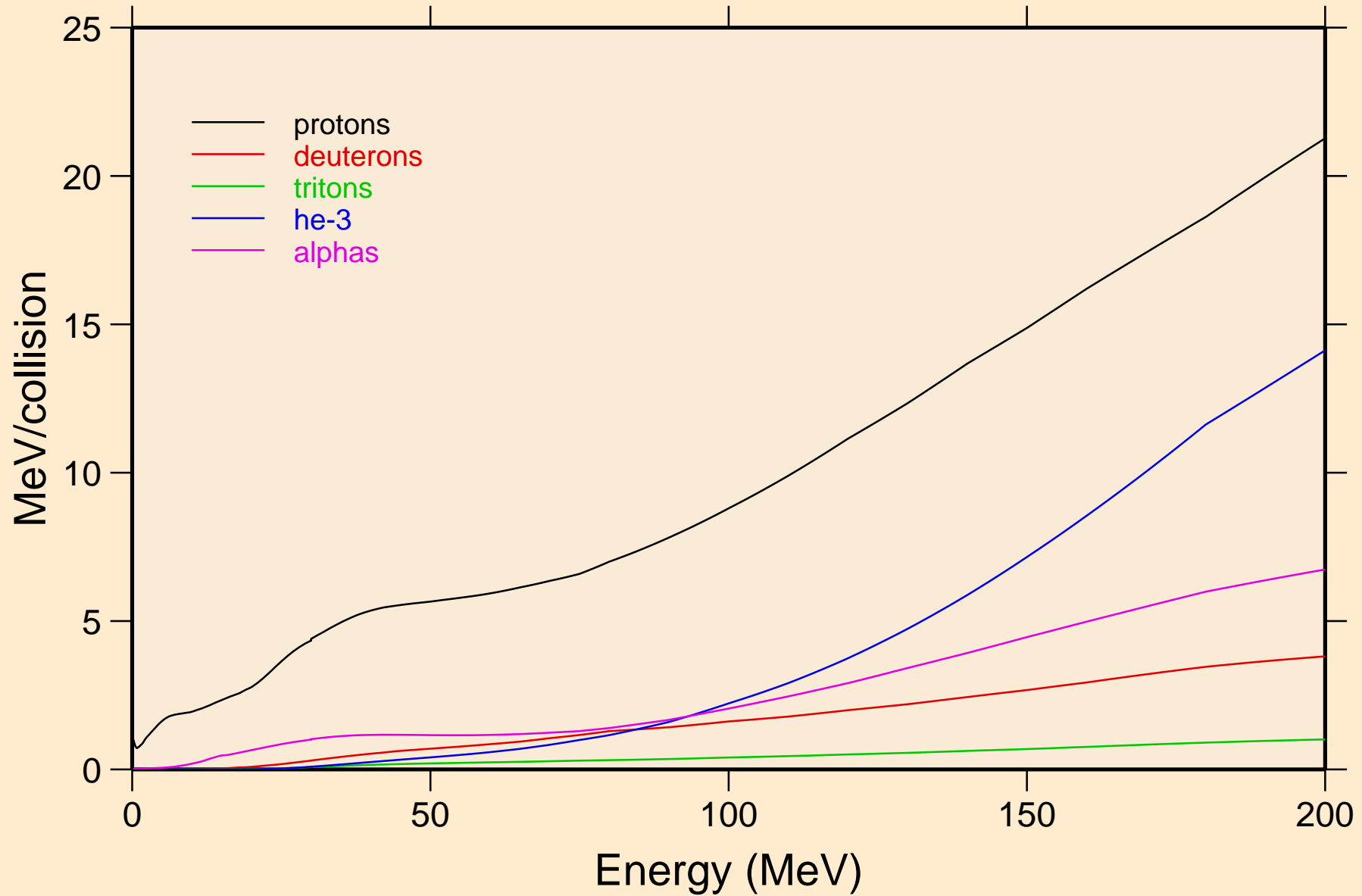
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14 MeV photon spectrum



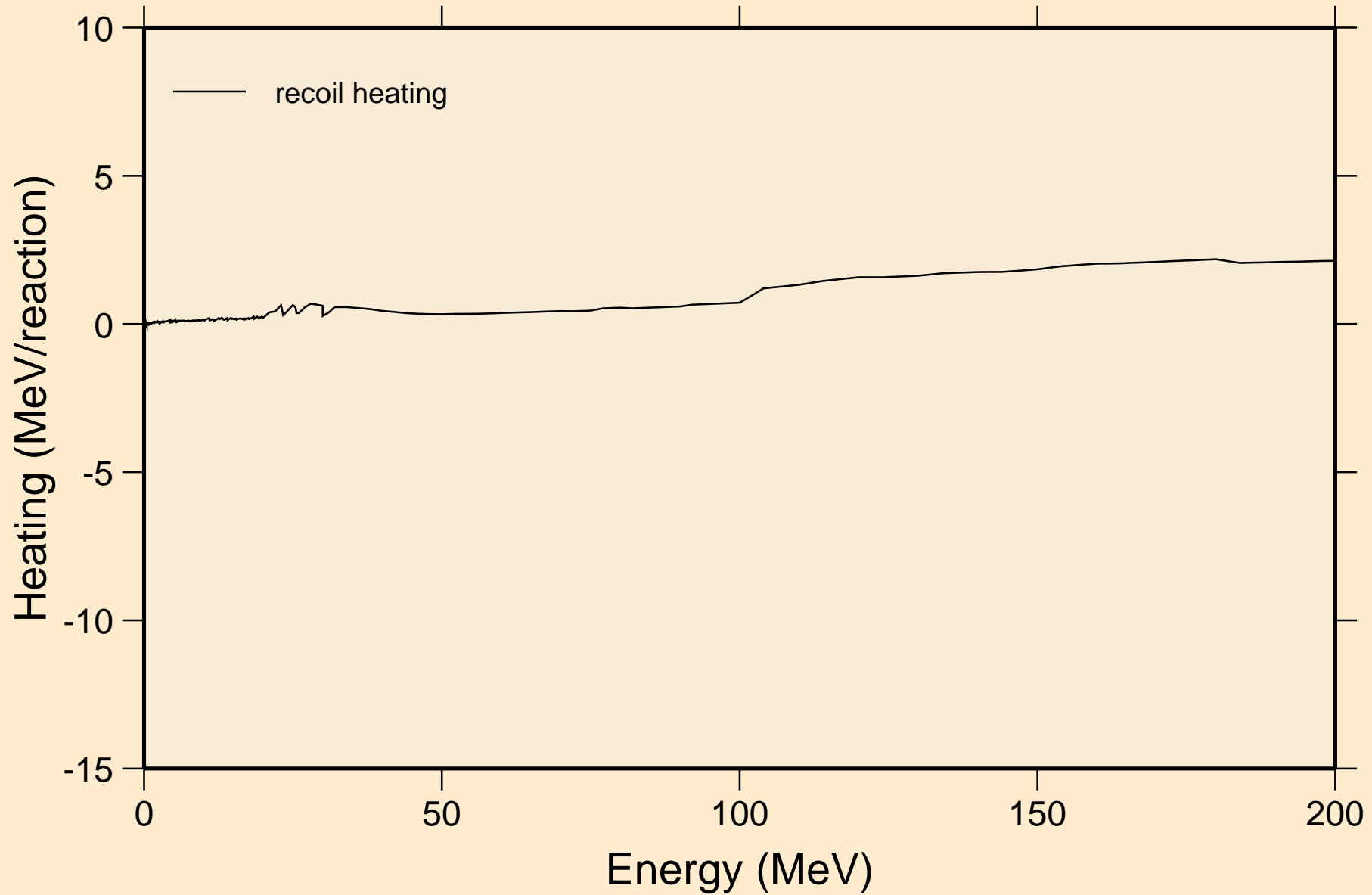


# BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

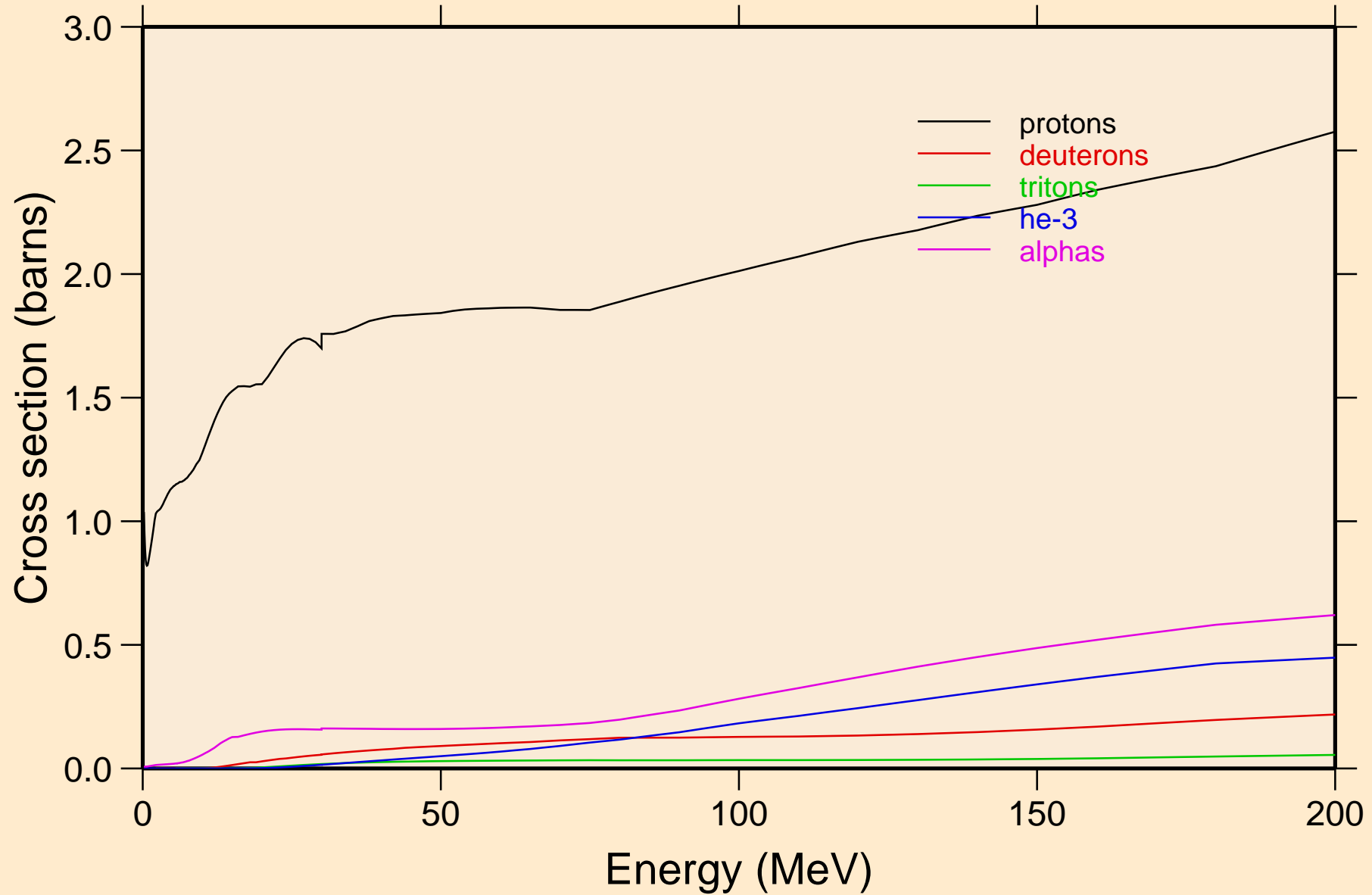
## Particle heating contributions



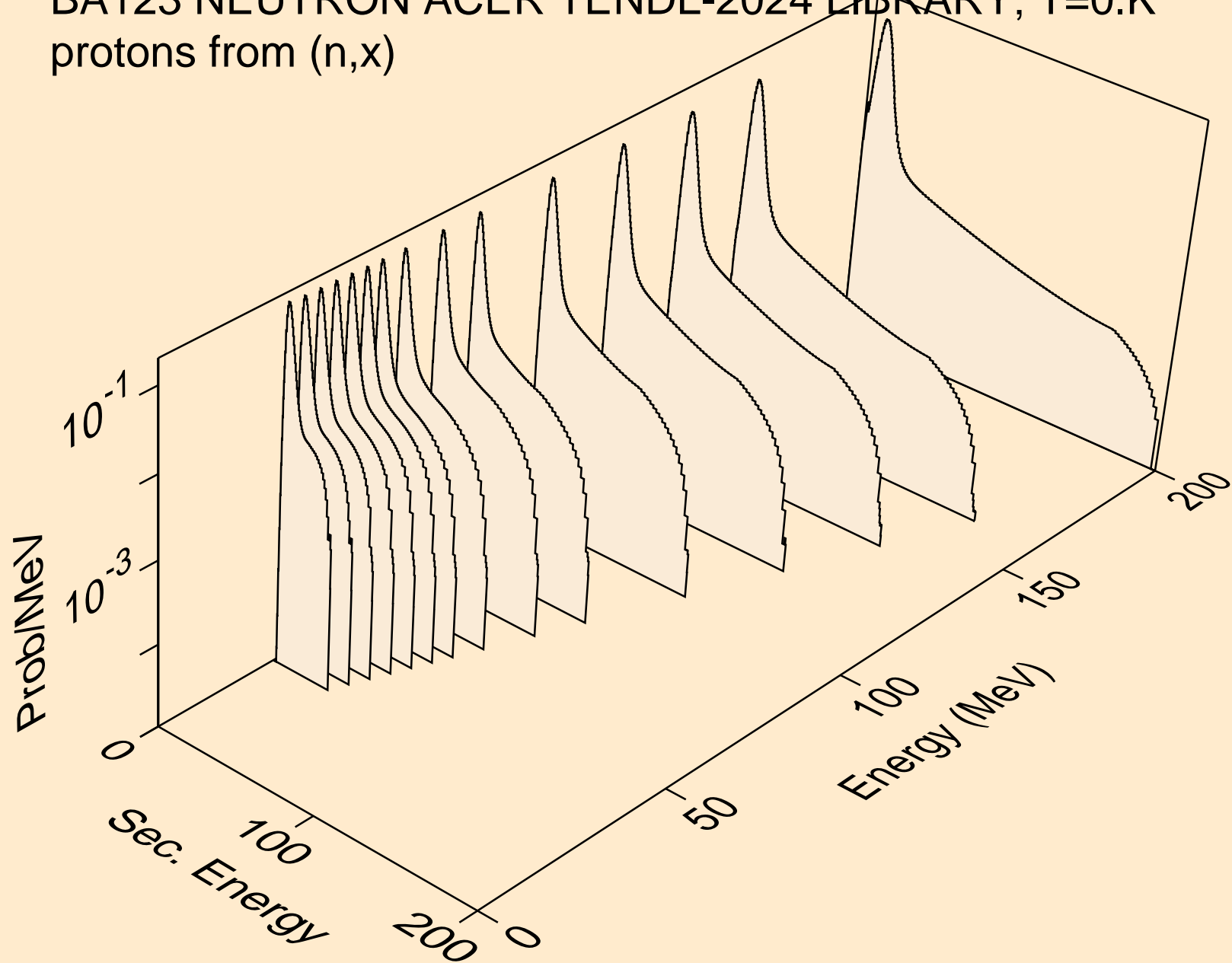
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Recoil Heating



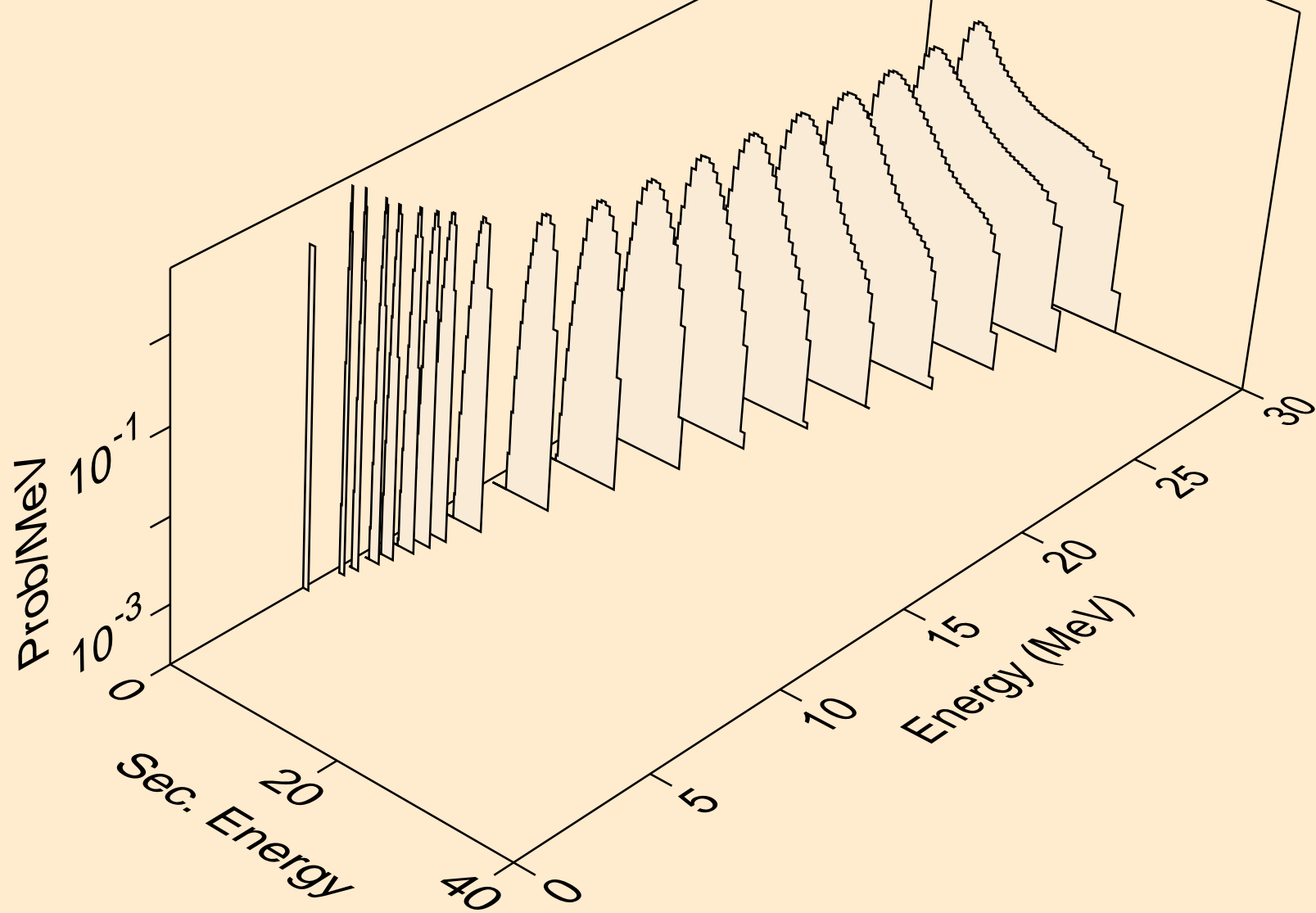
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Particle production cross sections



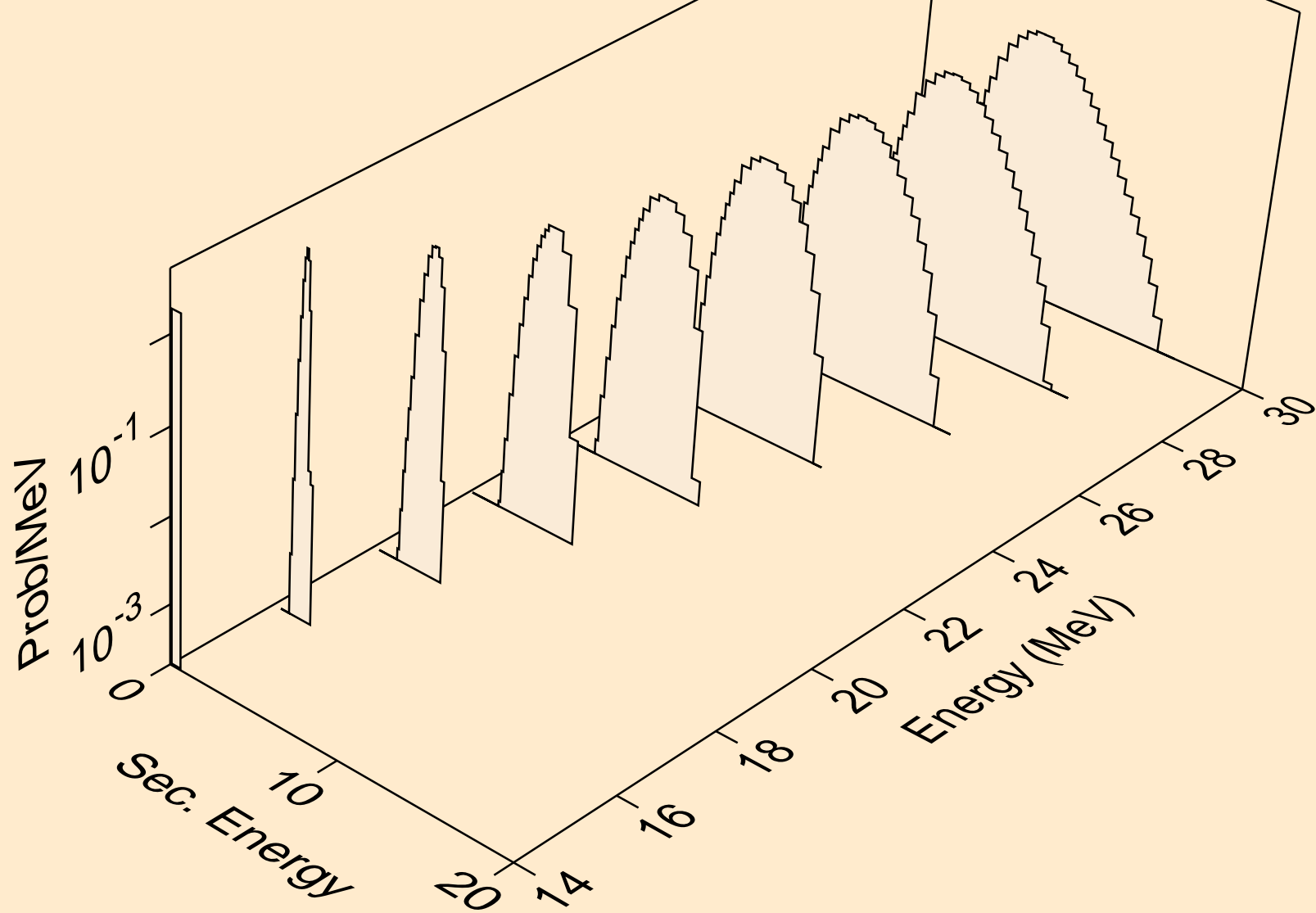
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



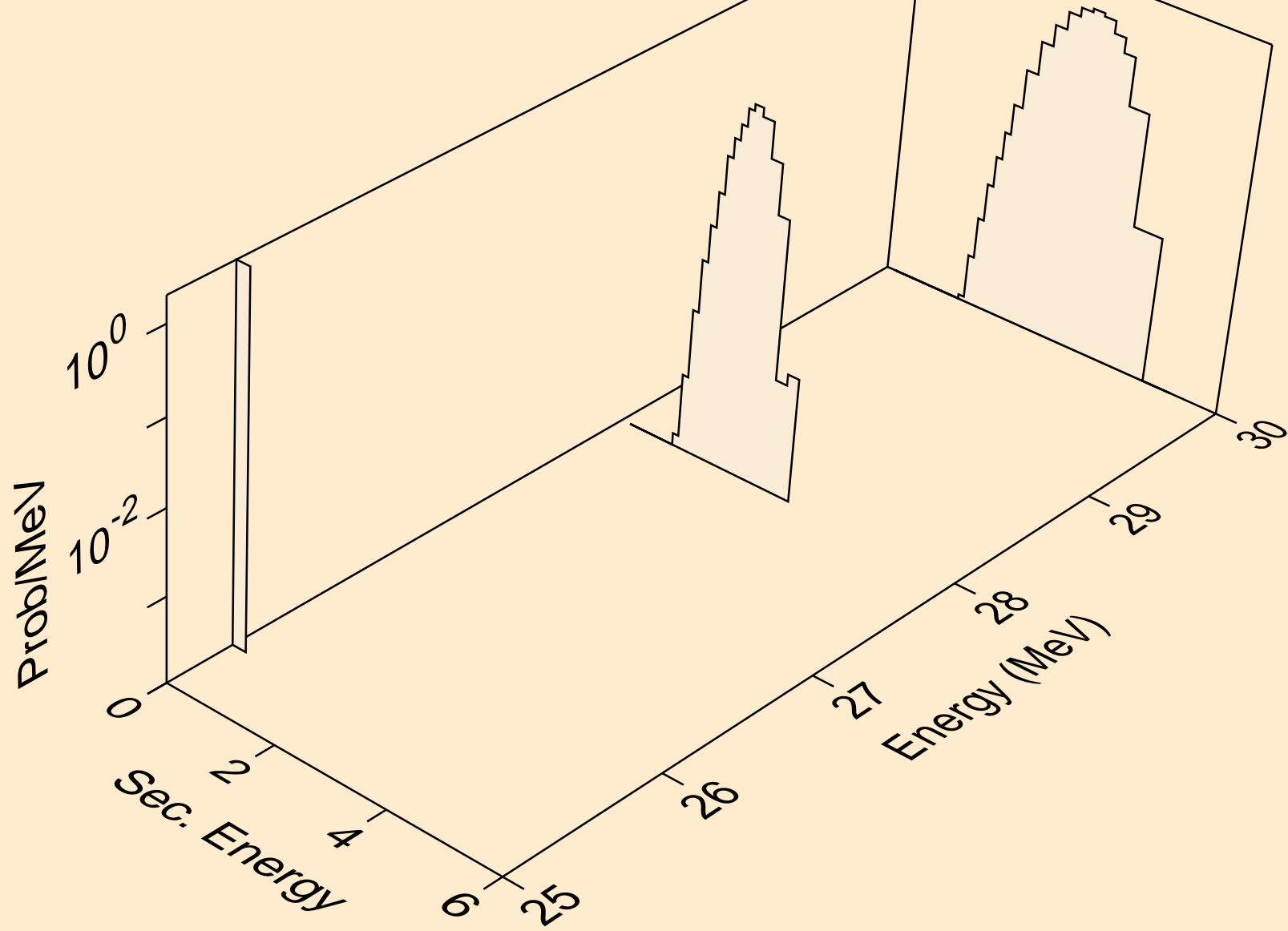
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protons from (n,n\*)p



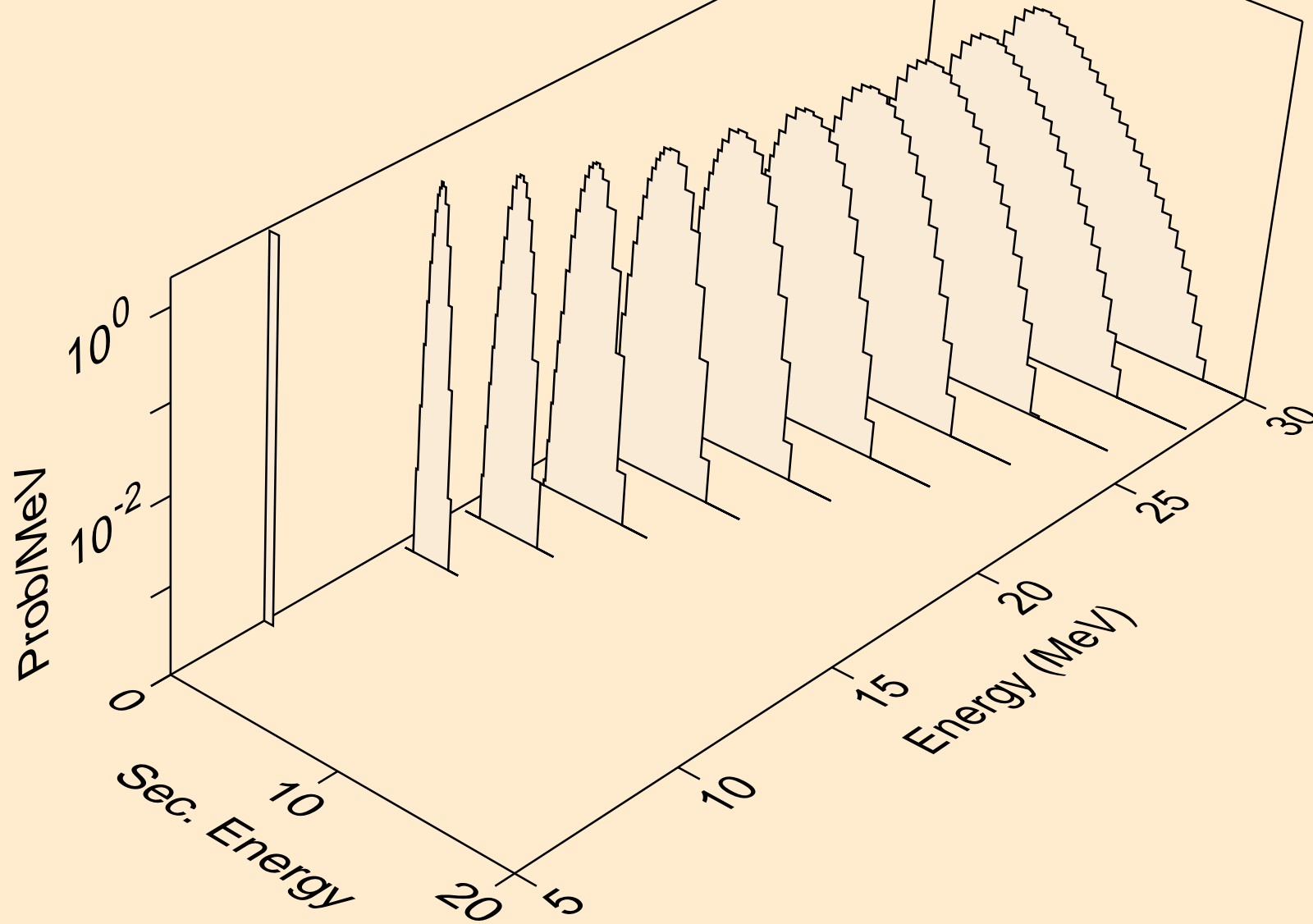
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protons from (n,2np)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

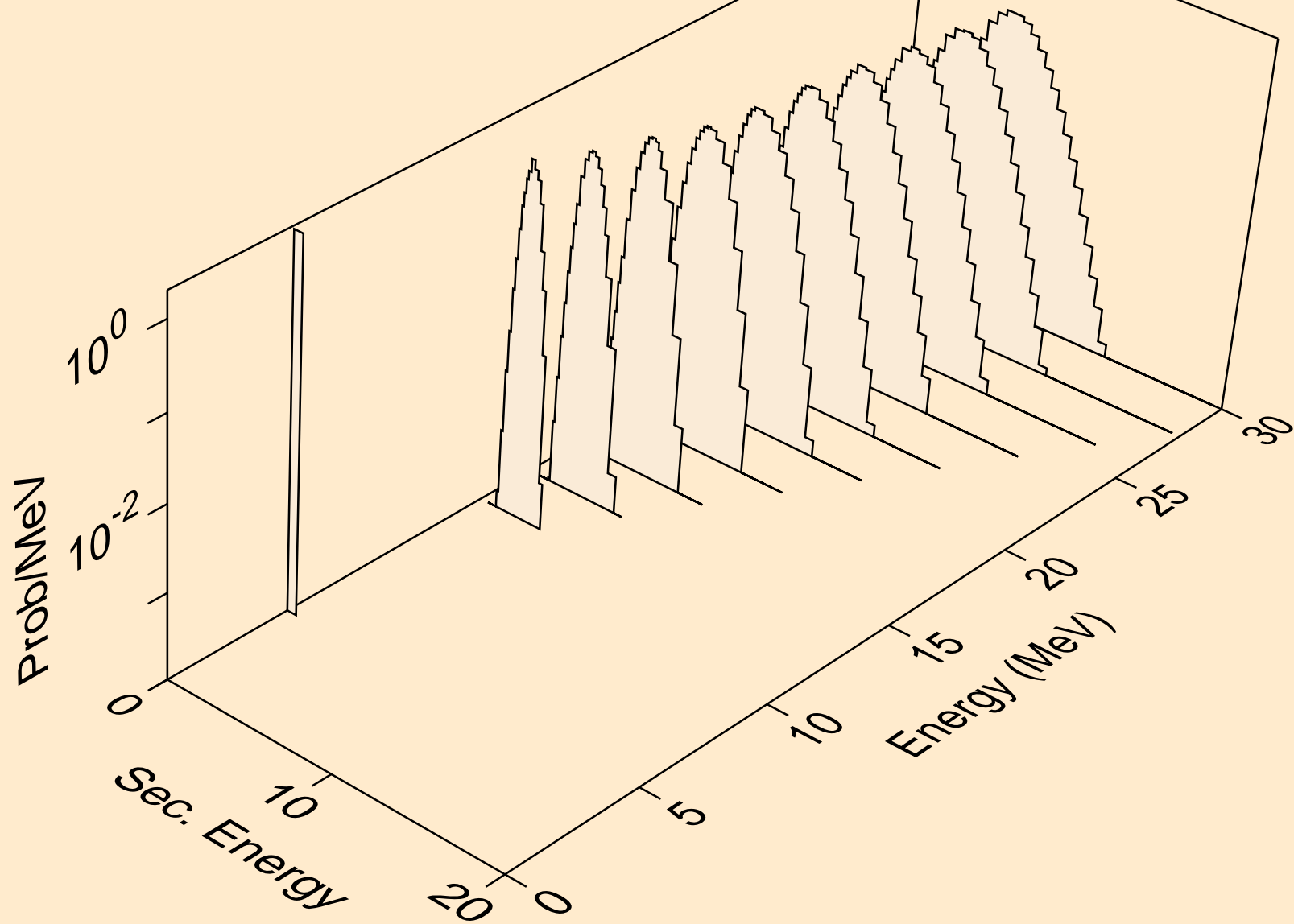


BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

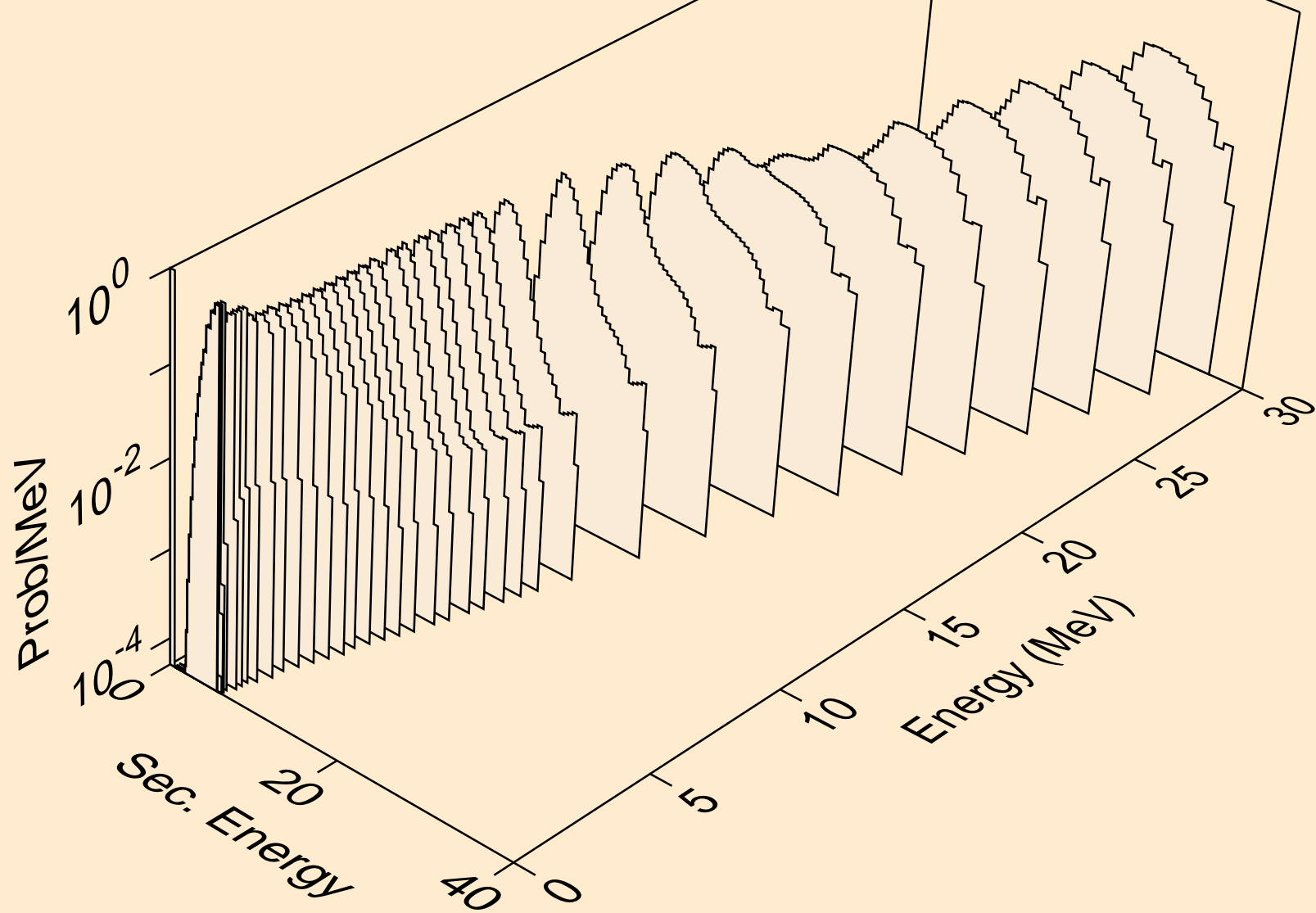




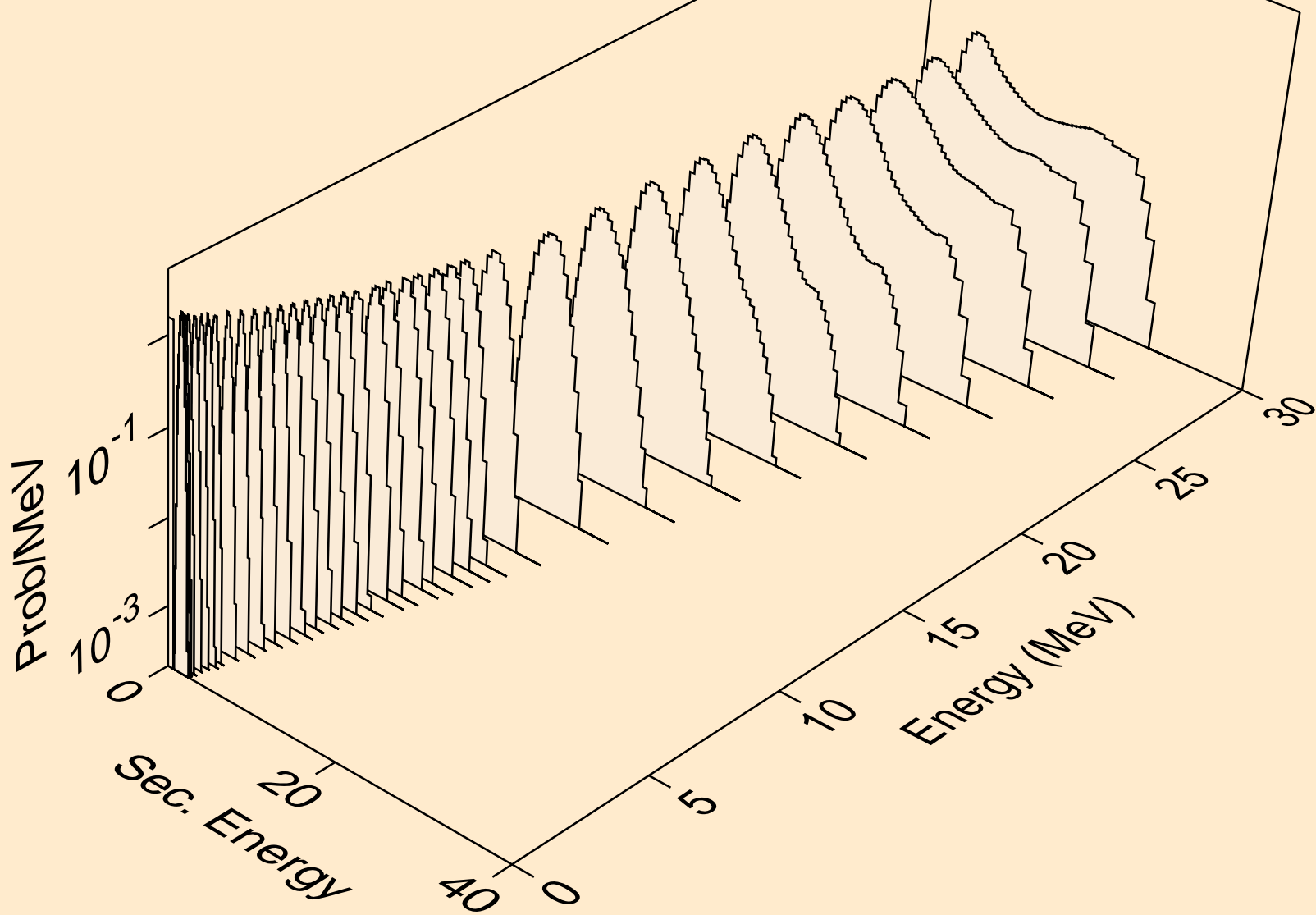
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protons from (n,npa)



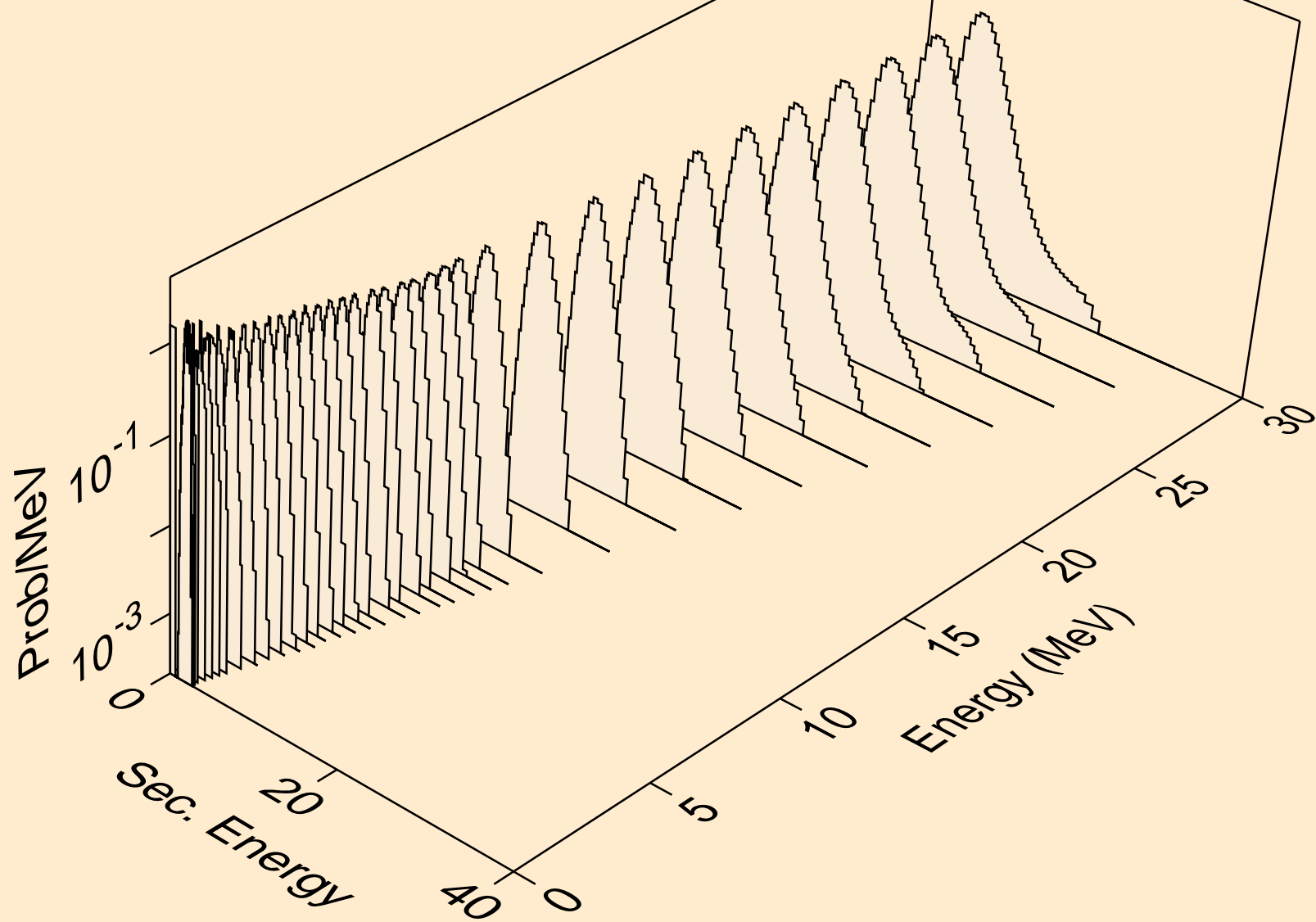
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protons from (n,p)



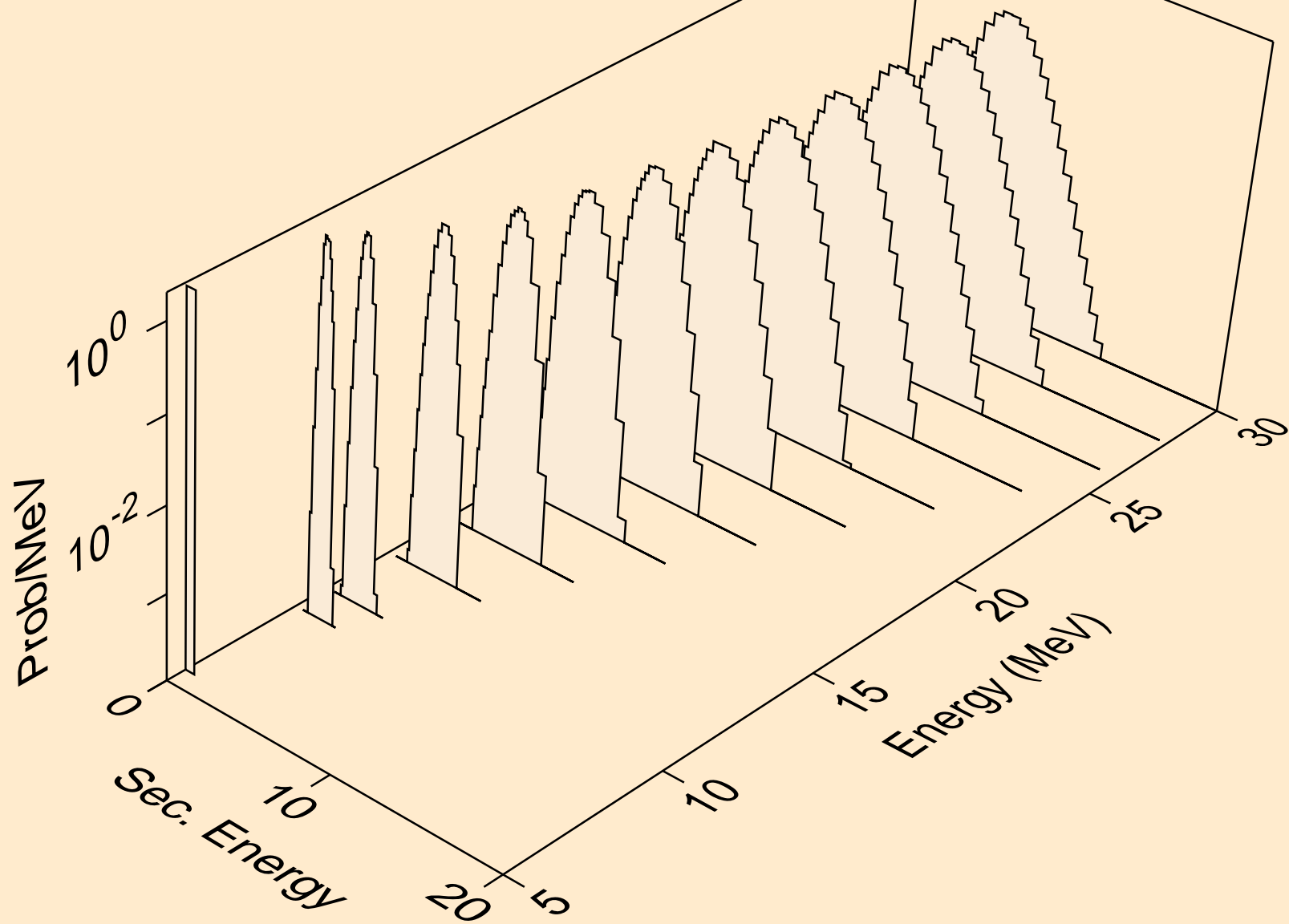
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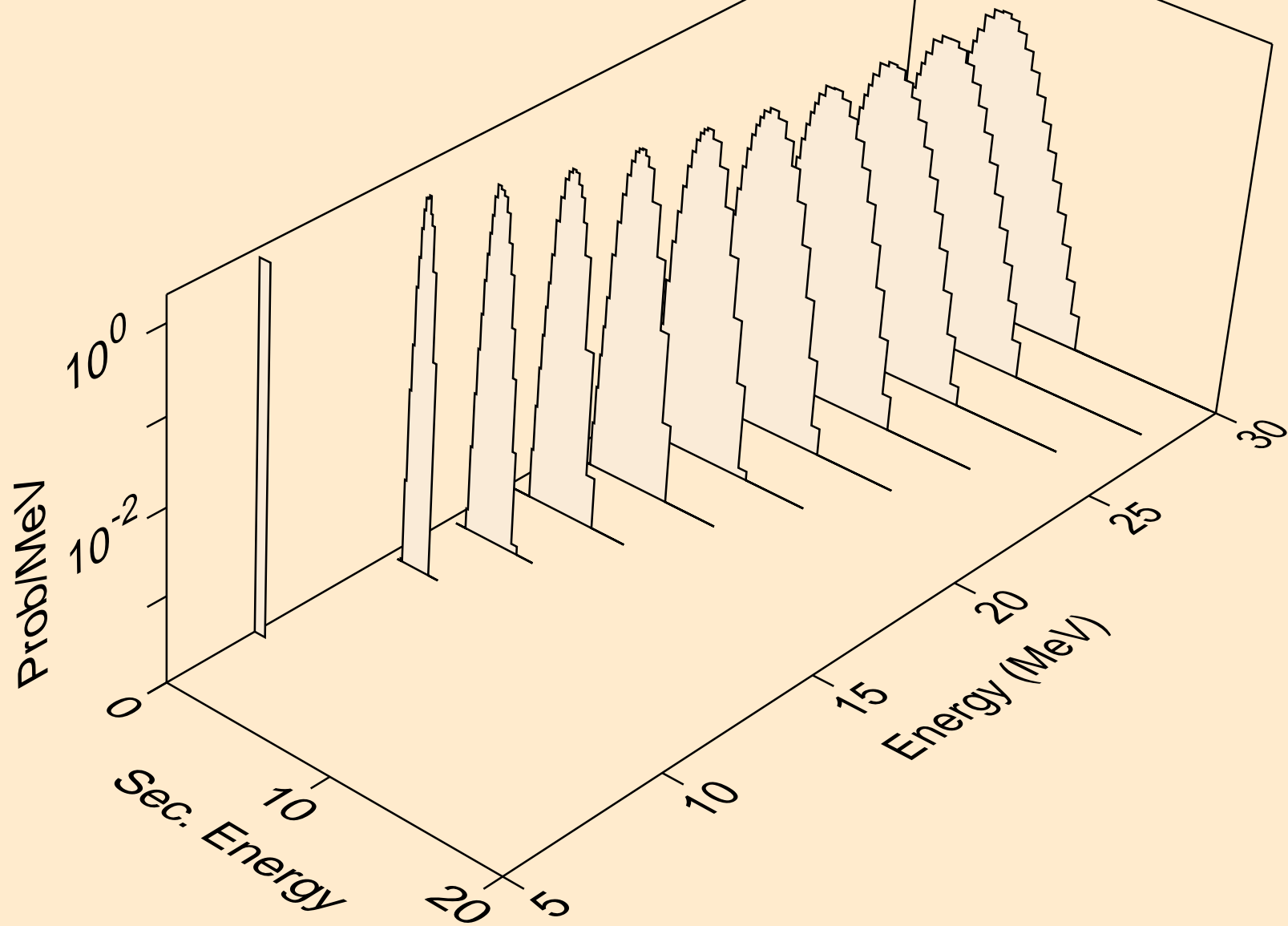
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protons from (n,p)



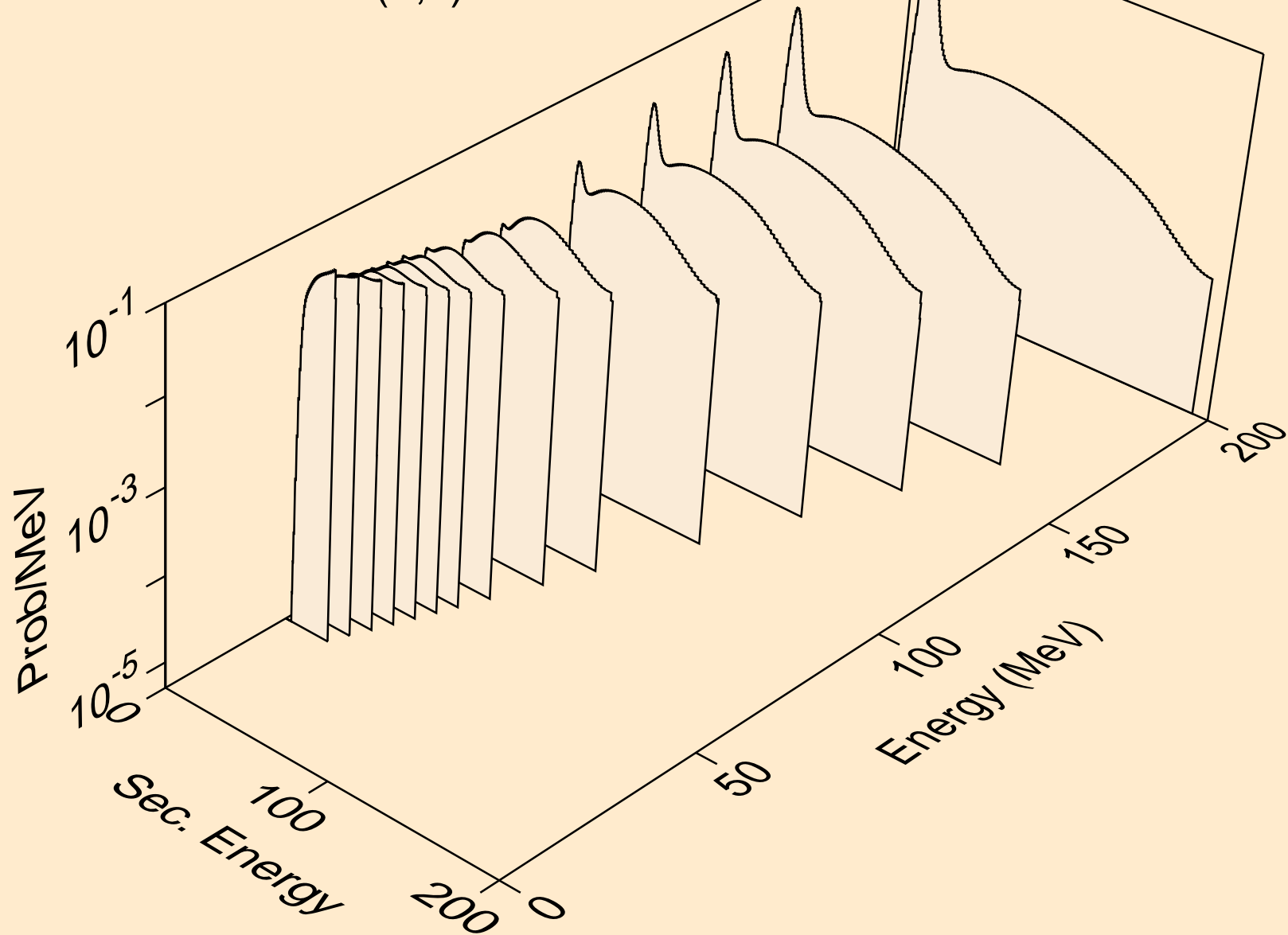
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protons from (n,pd)



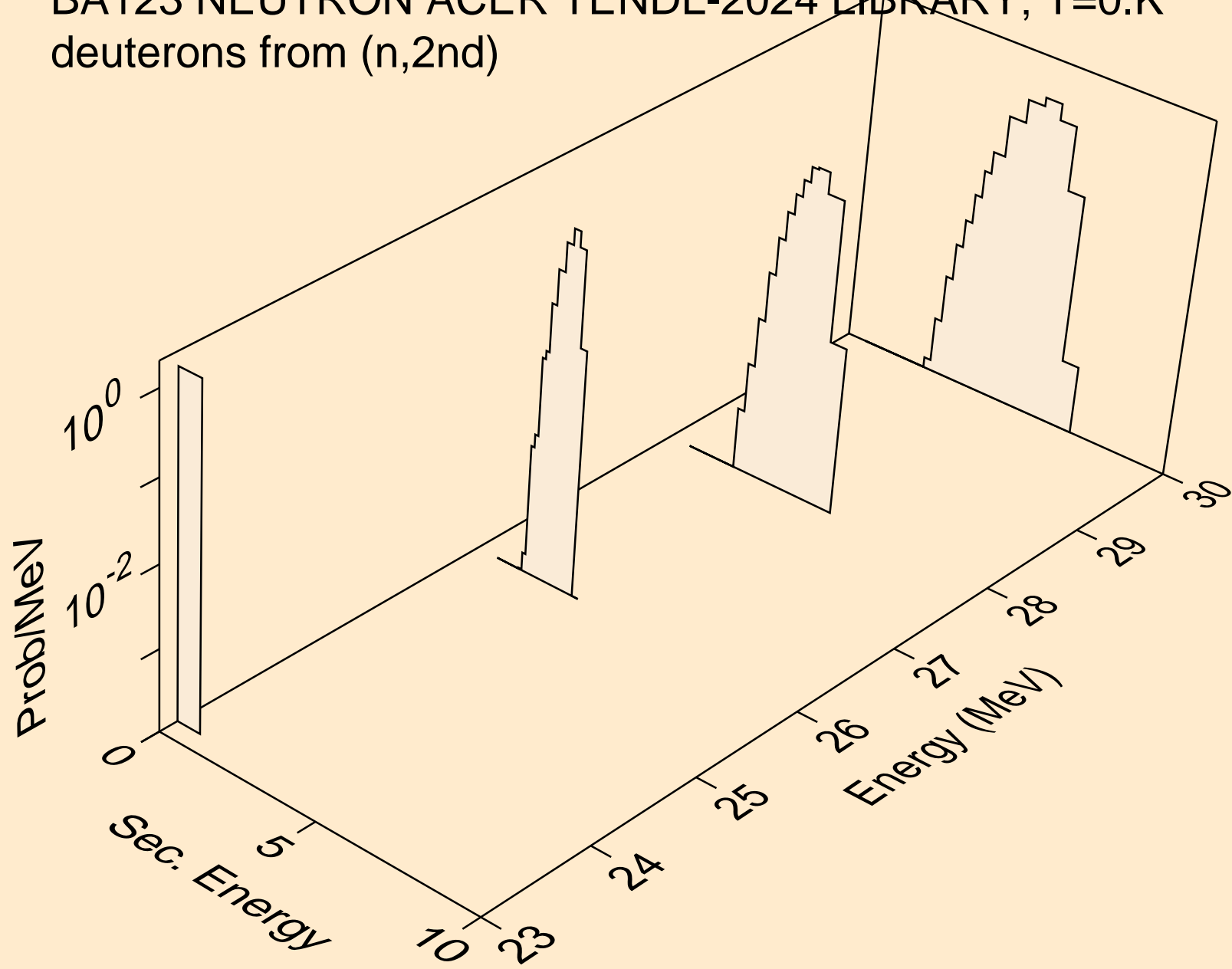
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protons from (n,pt)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

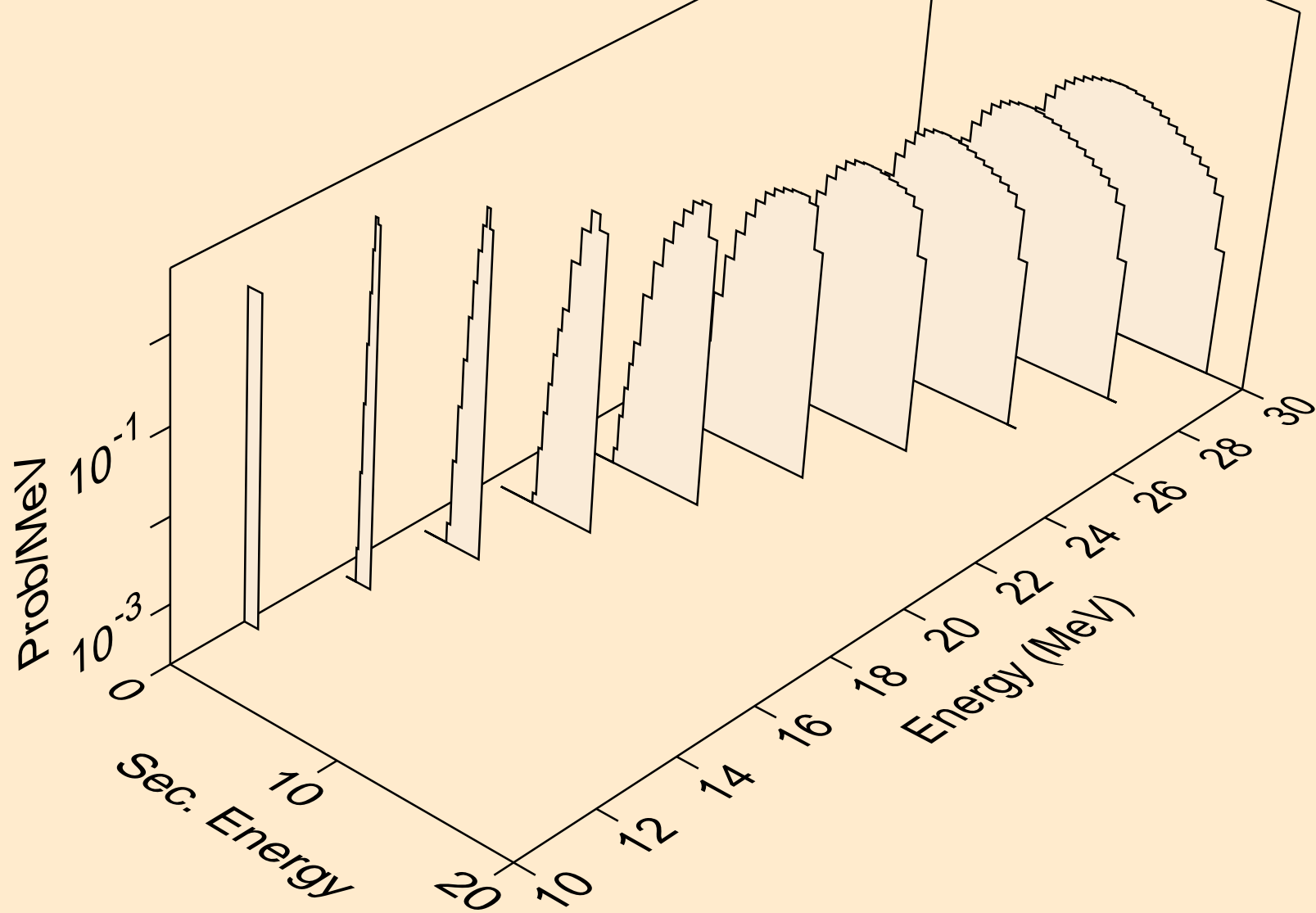


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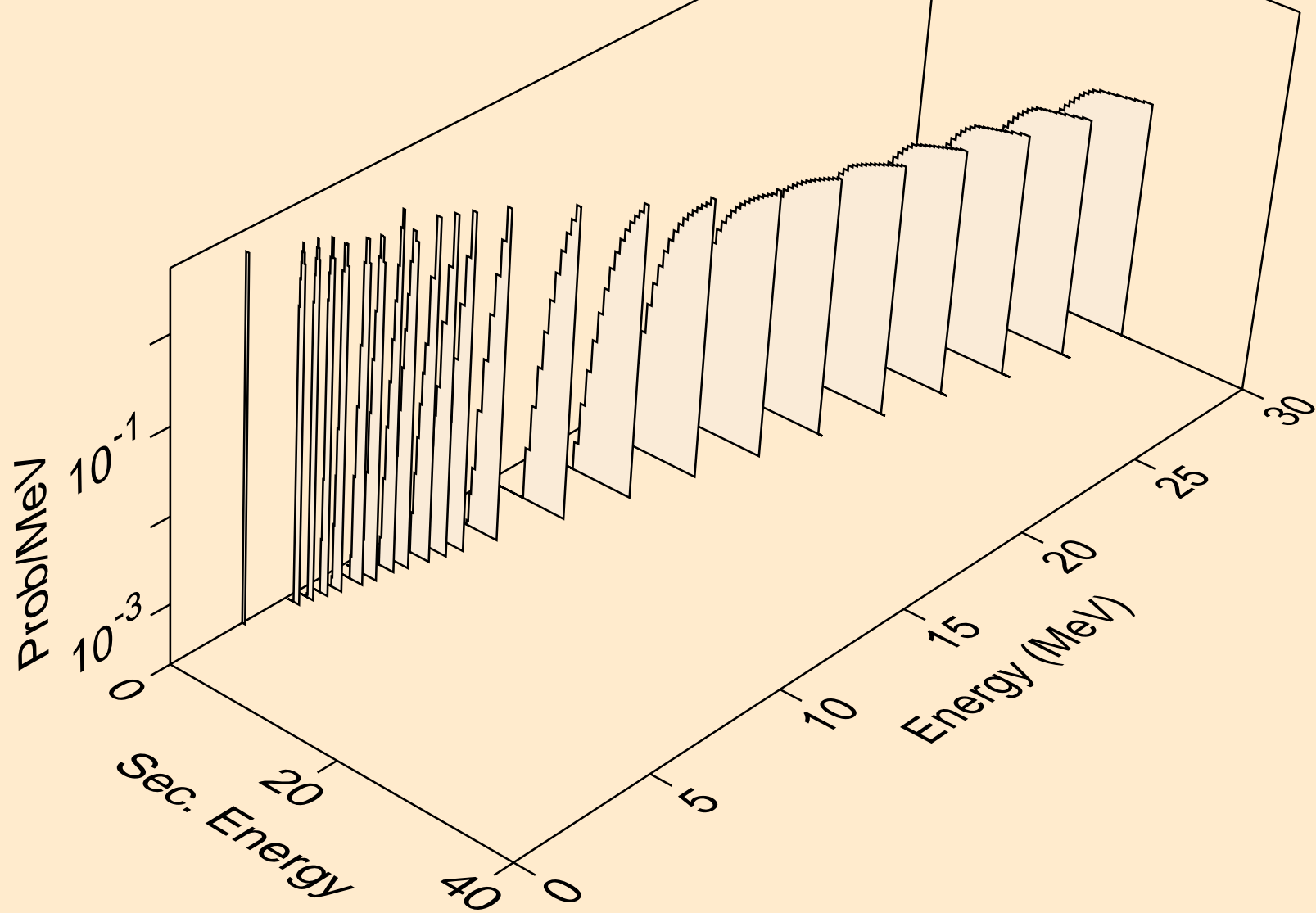




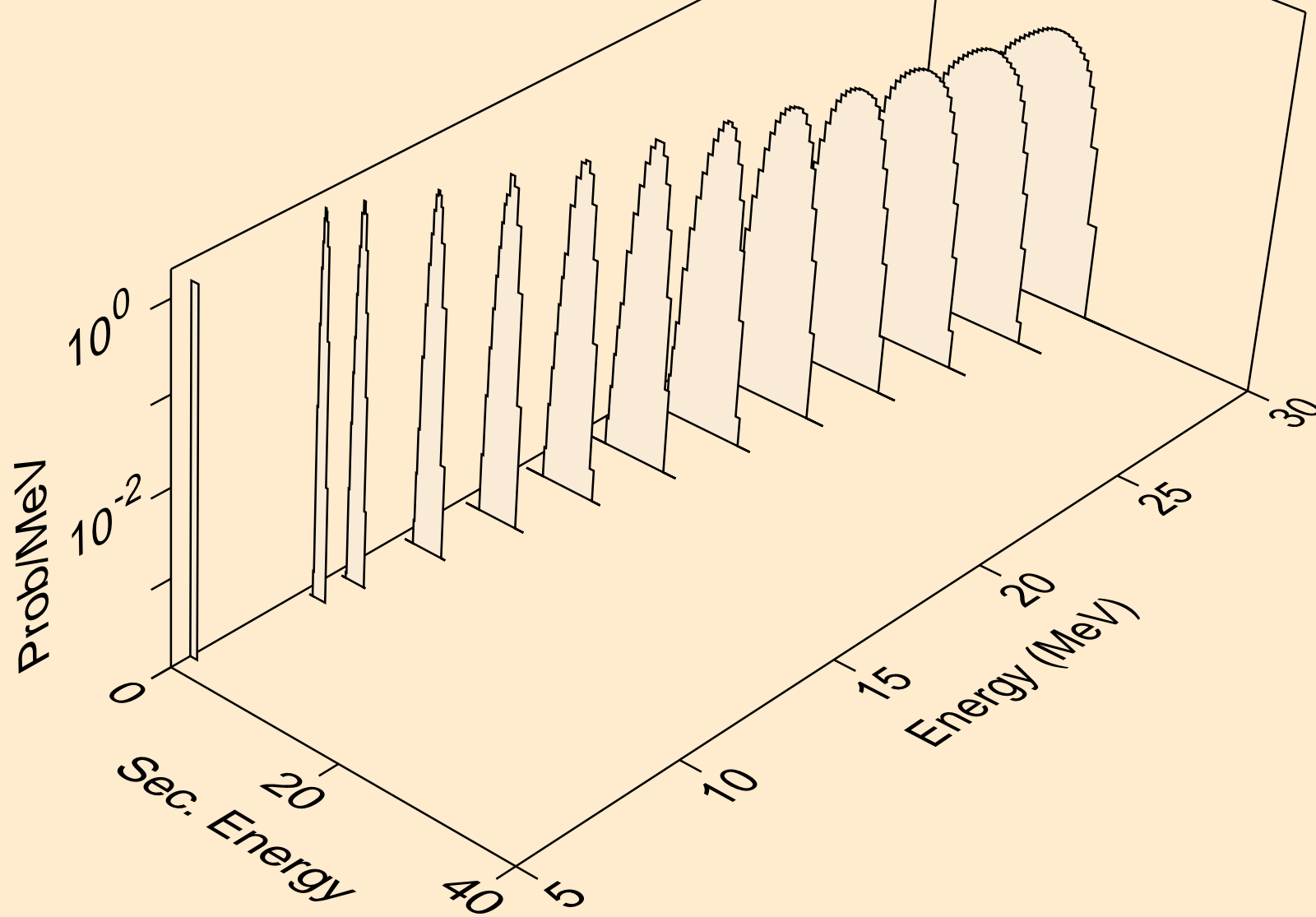
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deuterons from (n,n\*)d



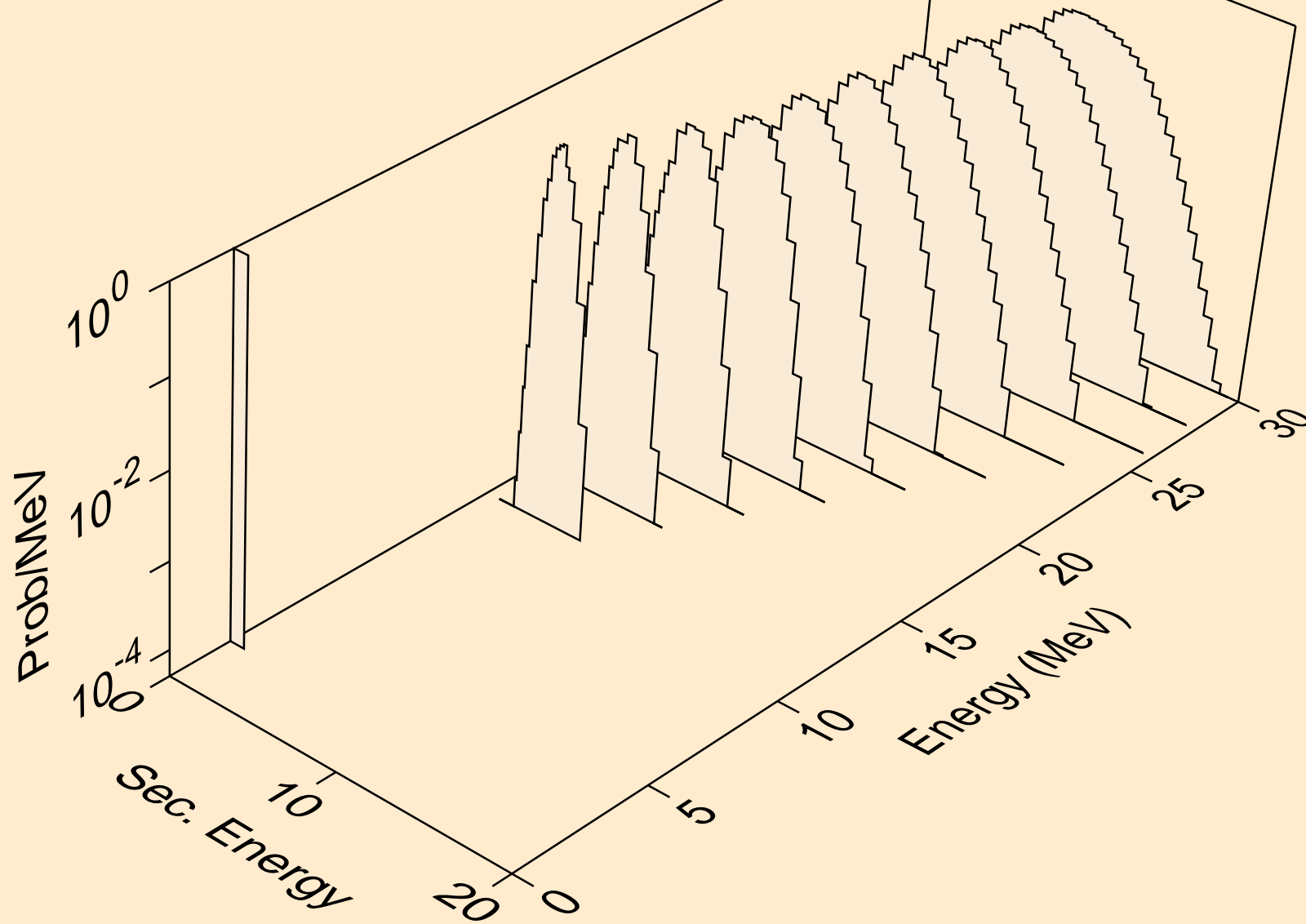
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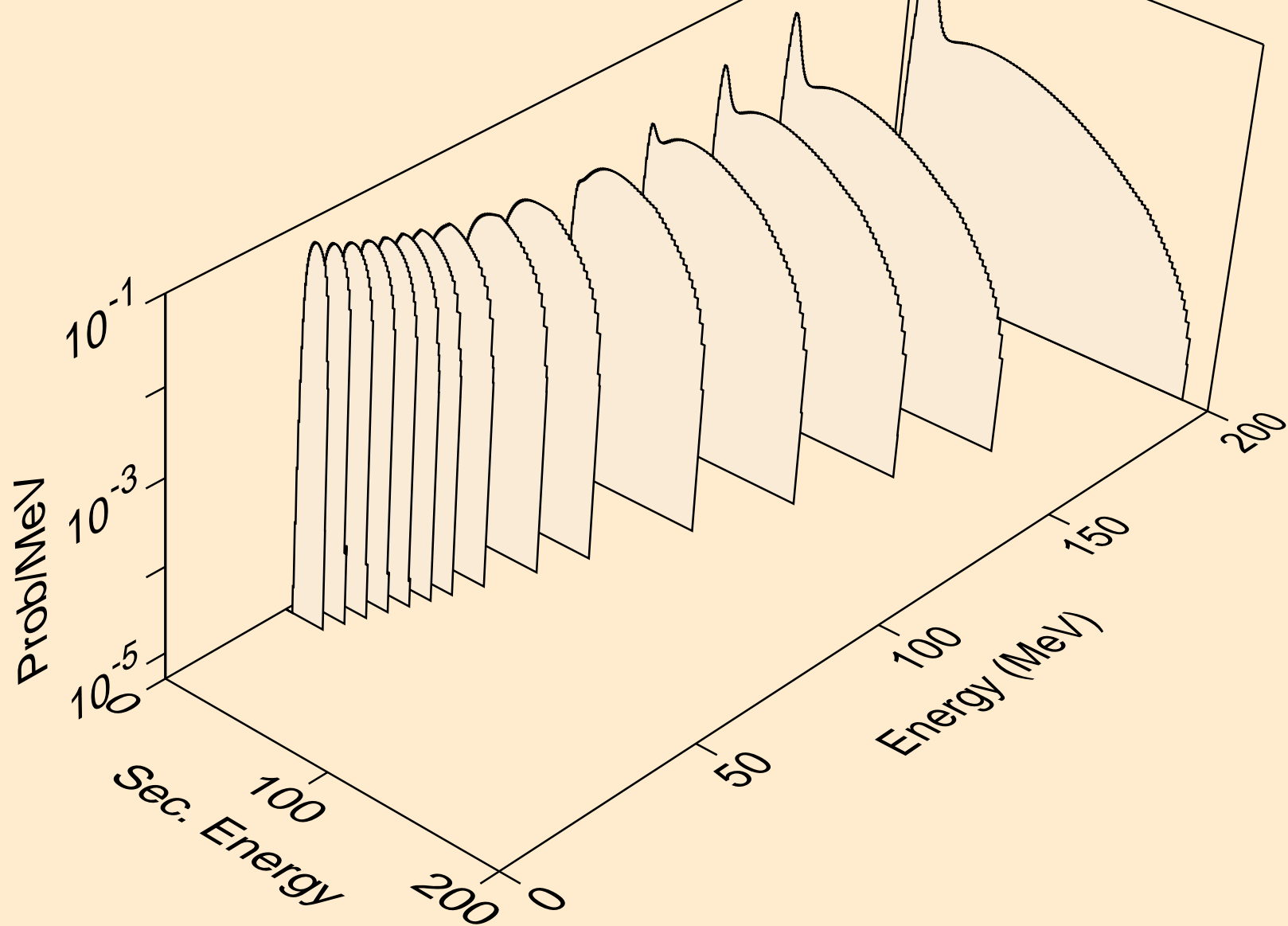
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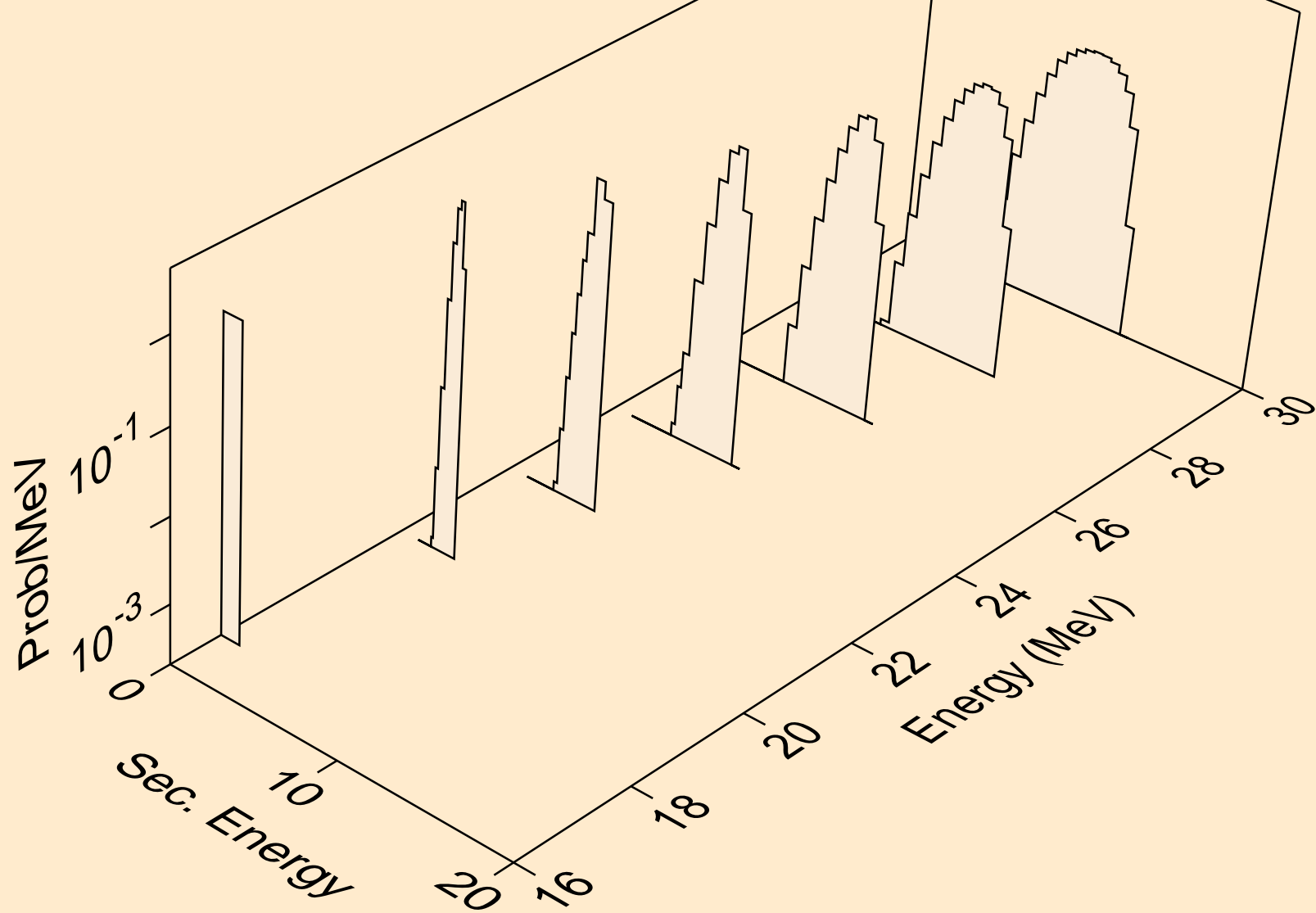
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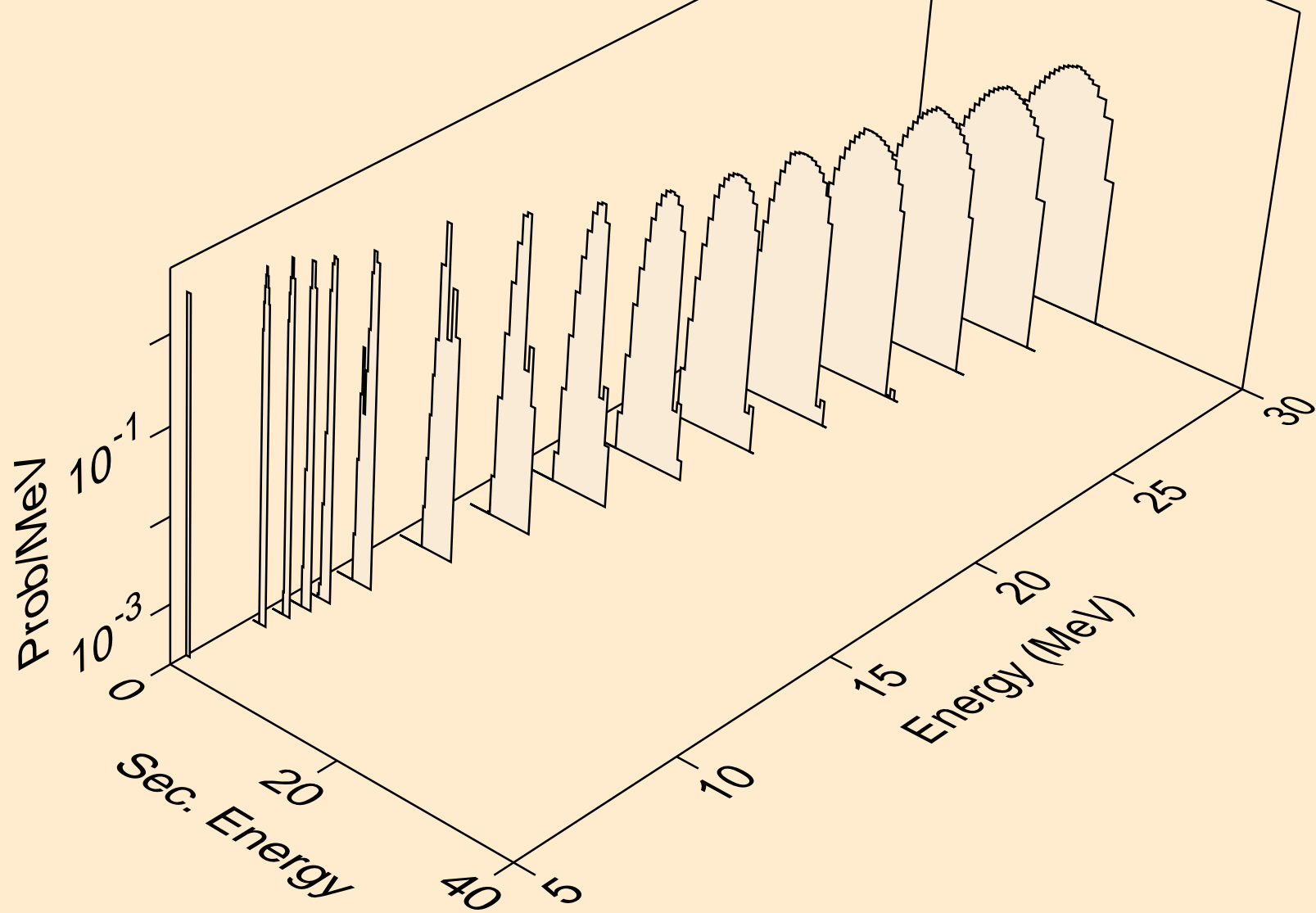
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tritons from (n,x)



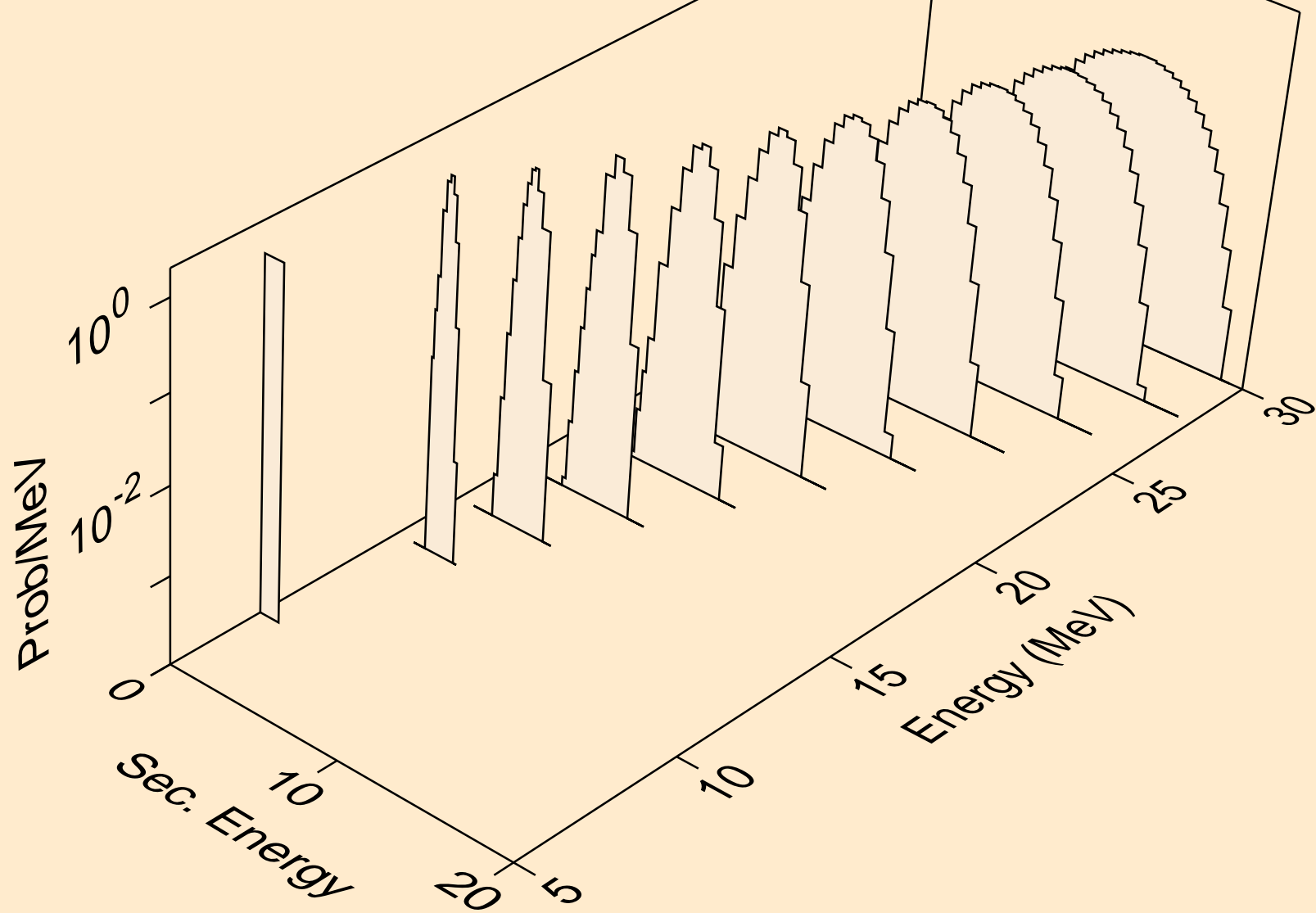
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

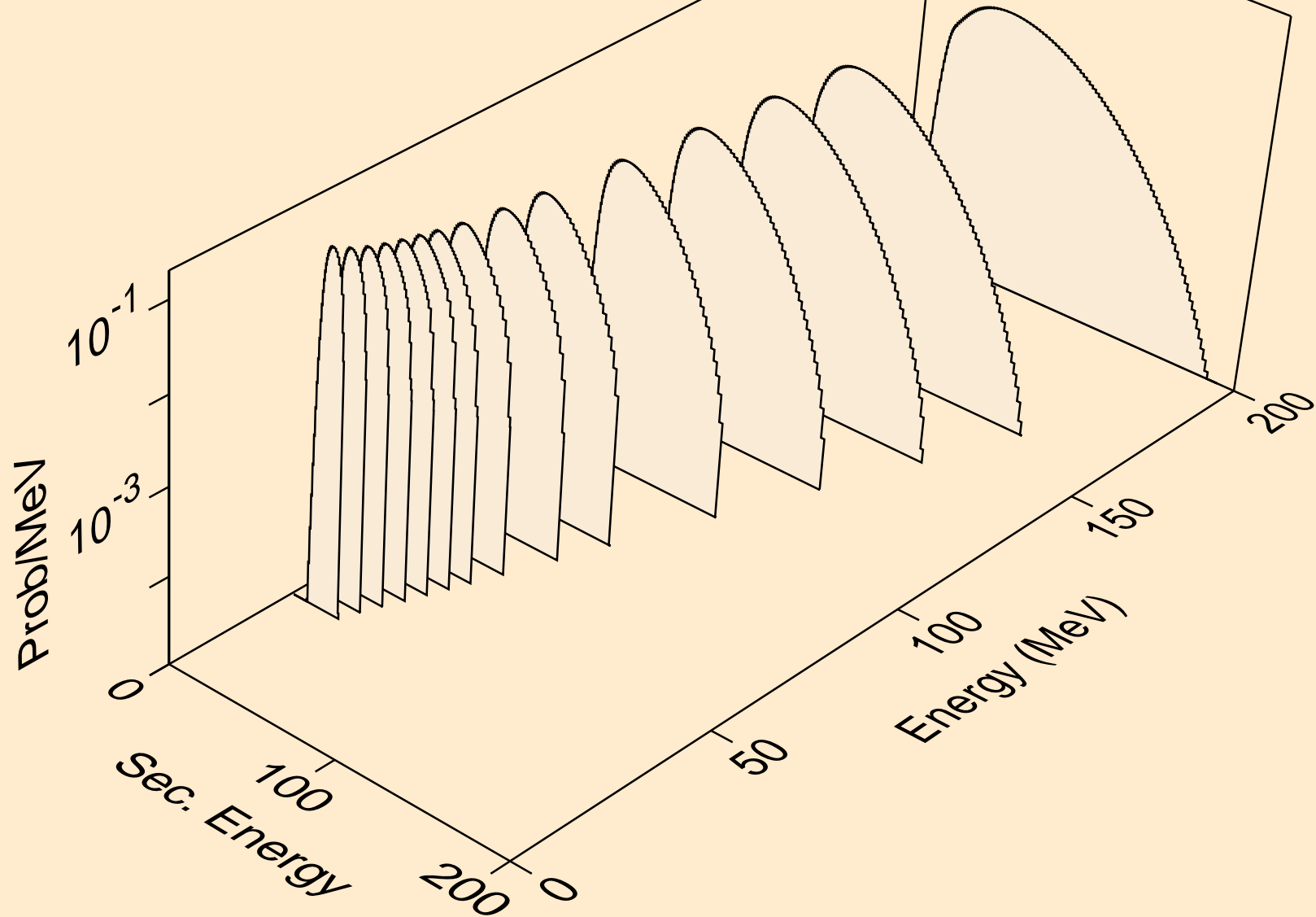


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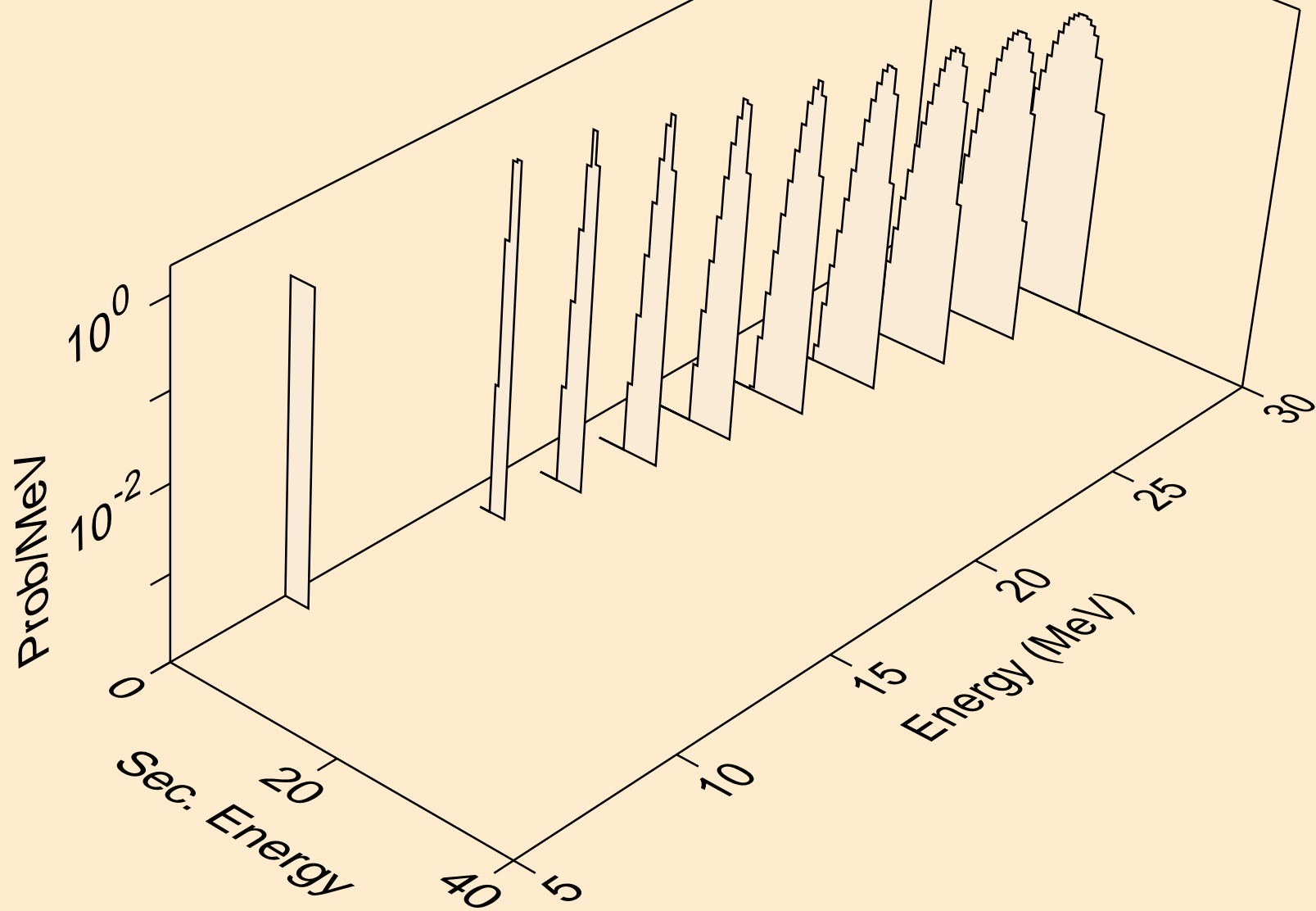




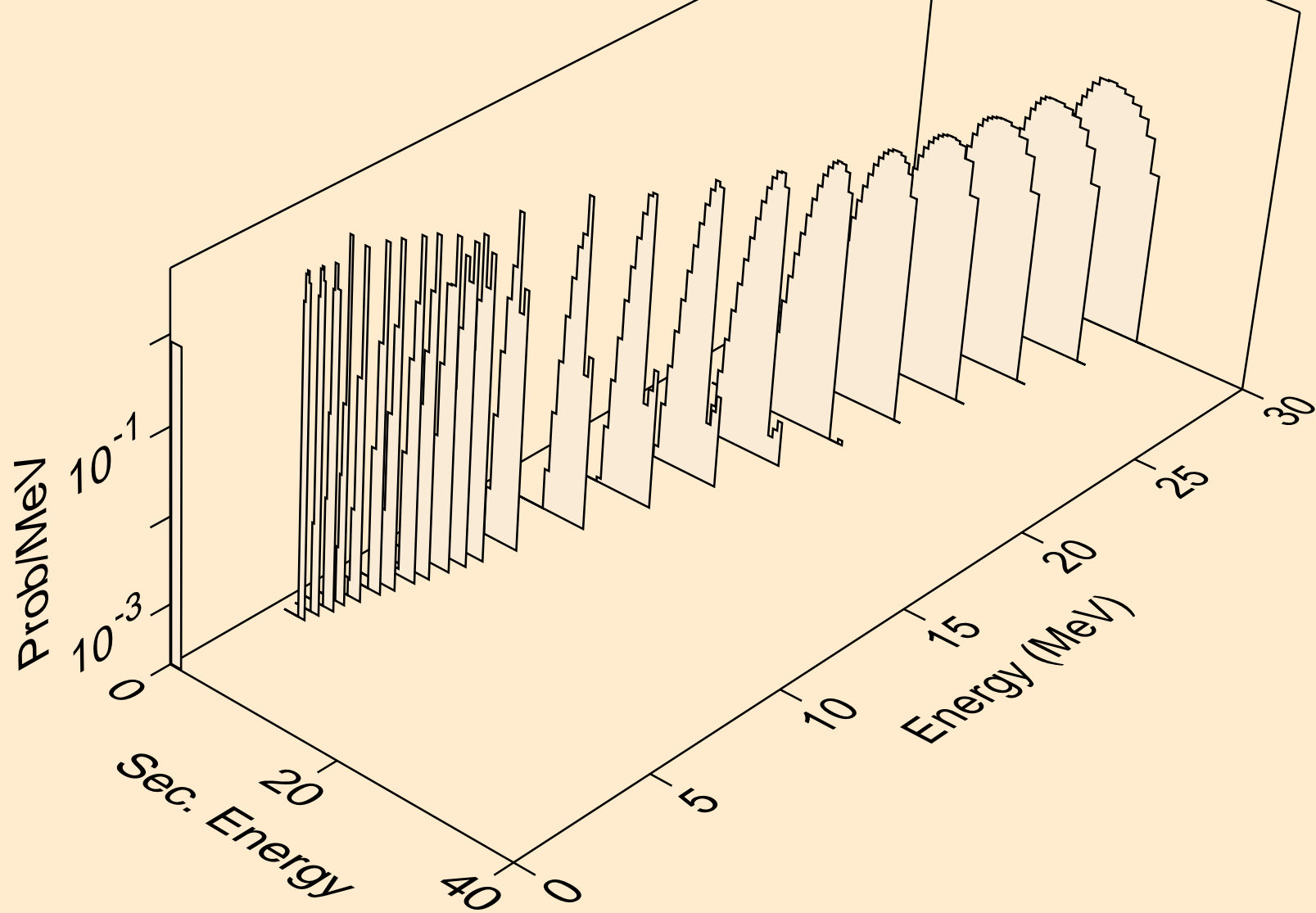
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he3s from (n,x)



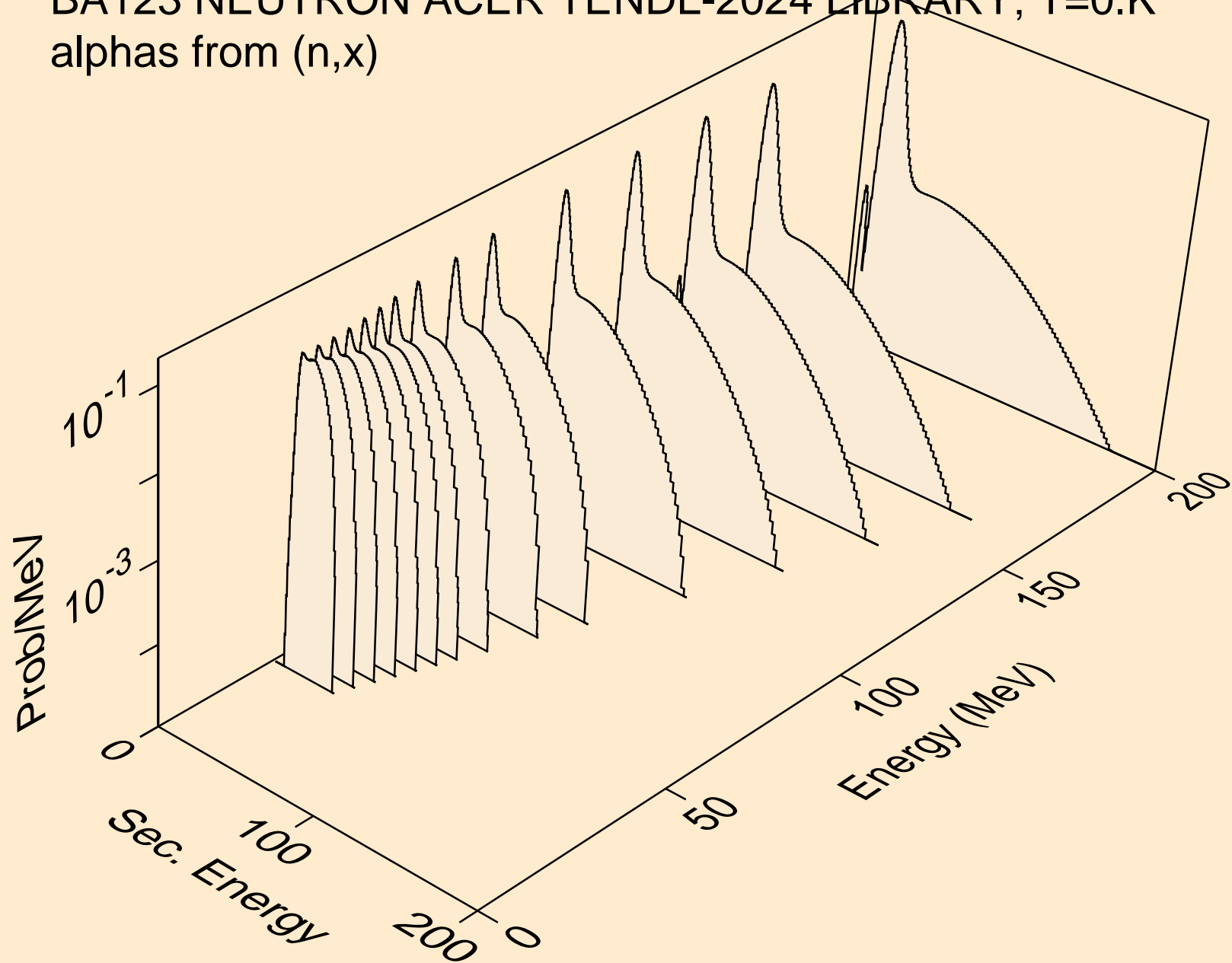
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he3s from (n,n\*)he3



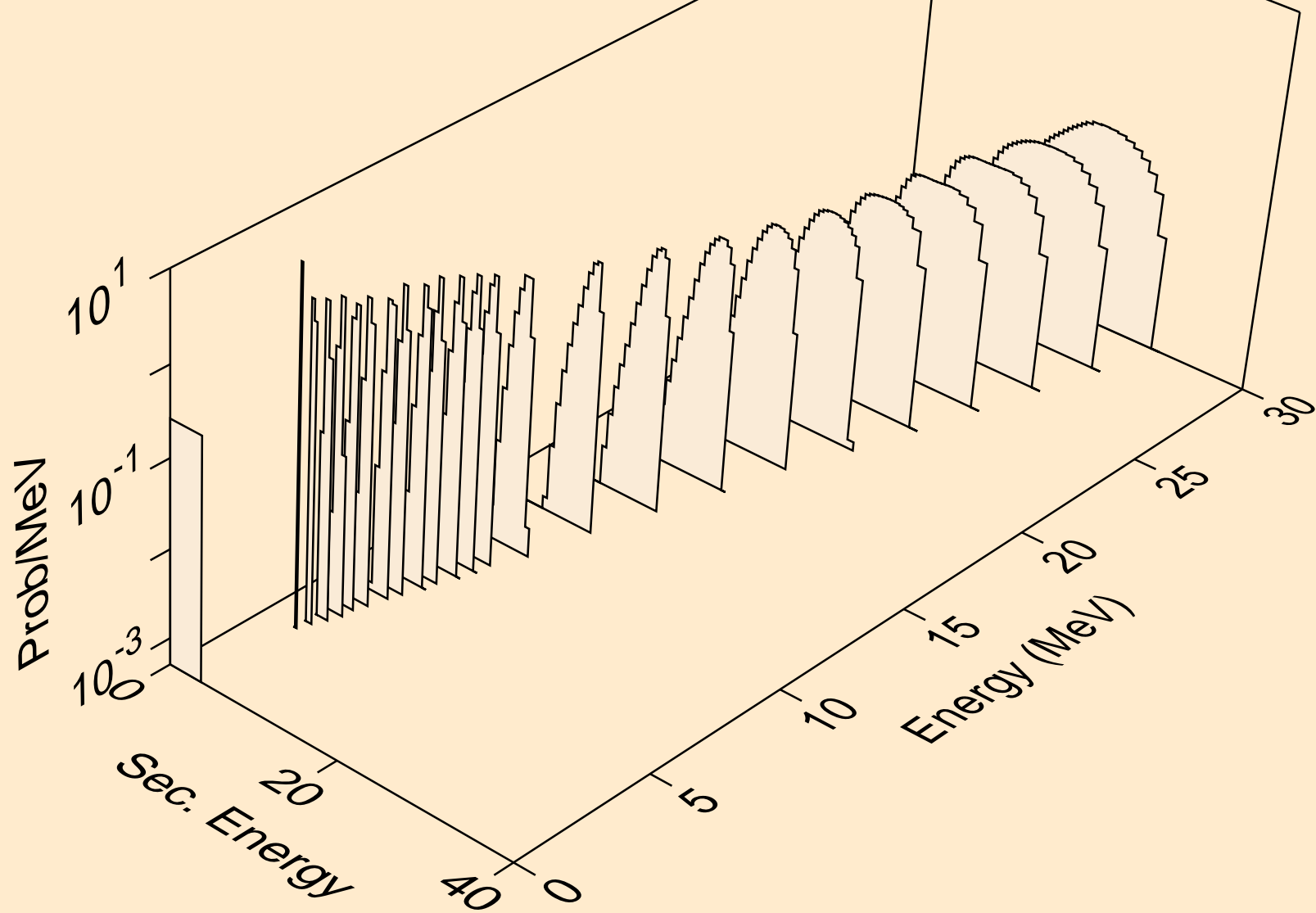
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he3s from (n,he3)



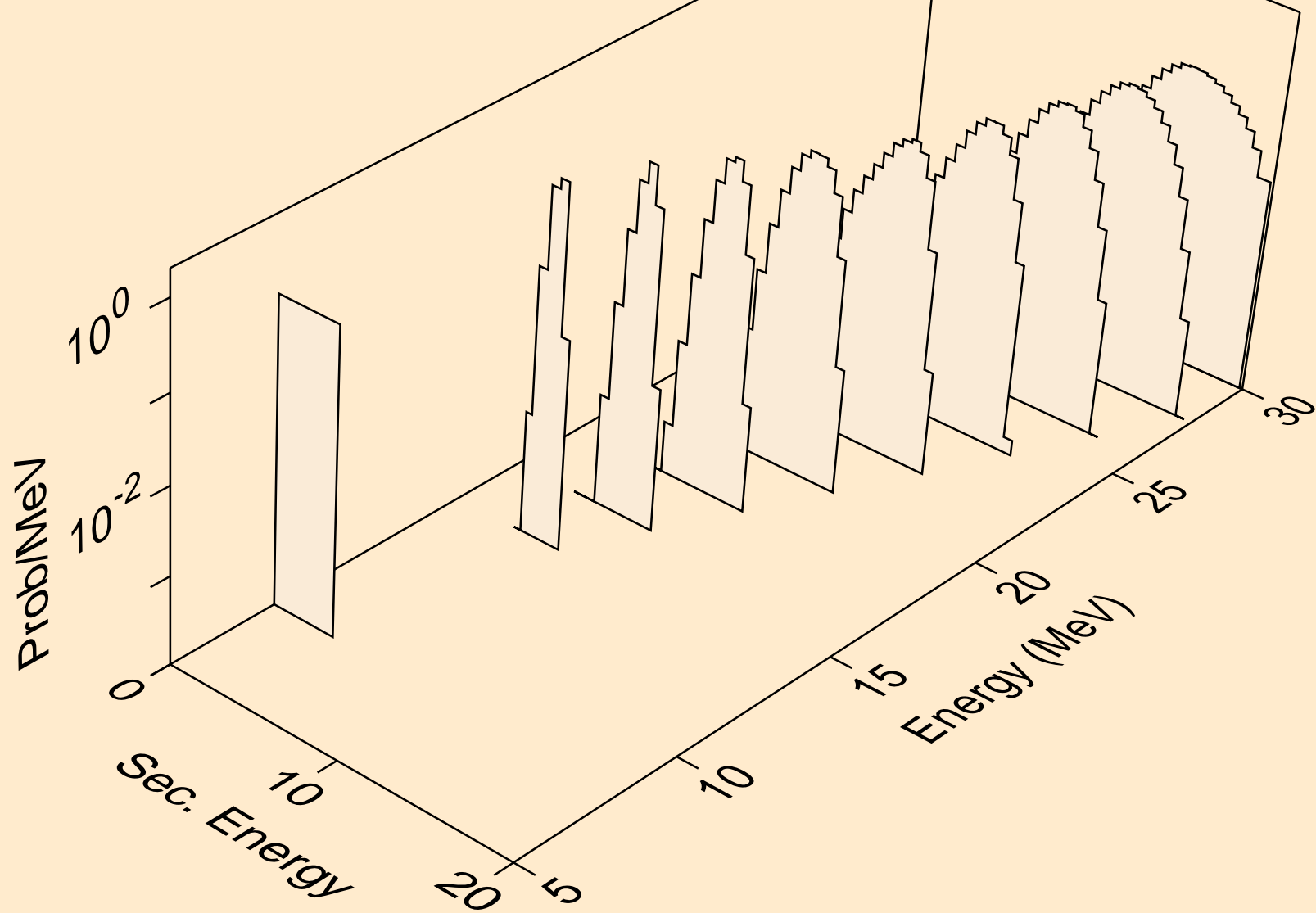
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



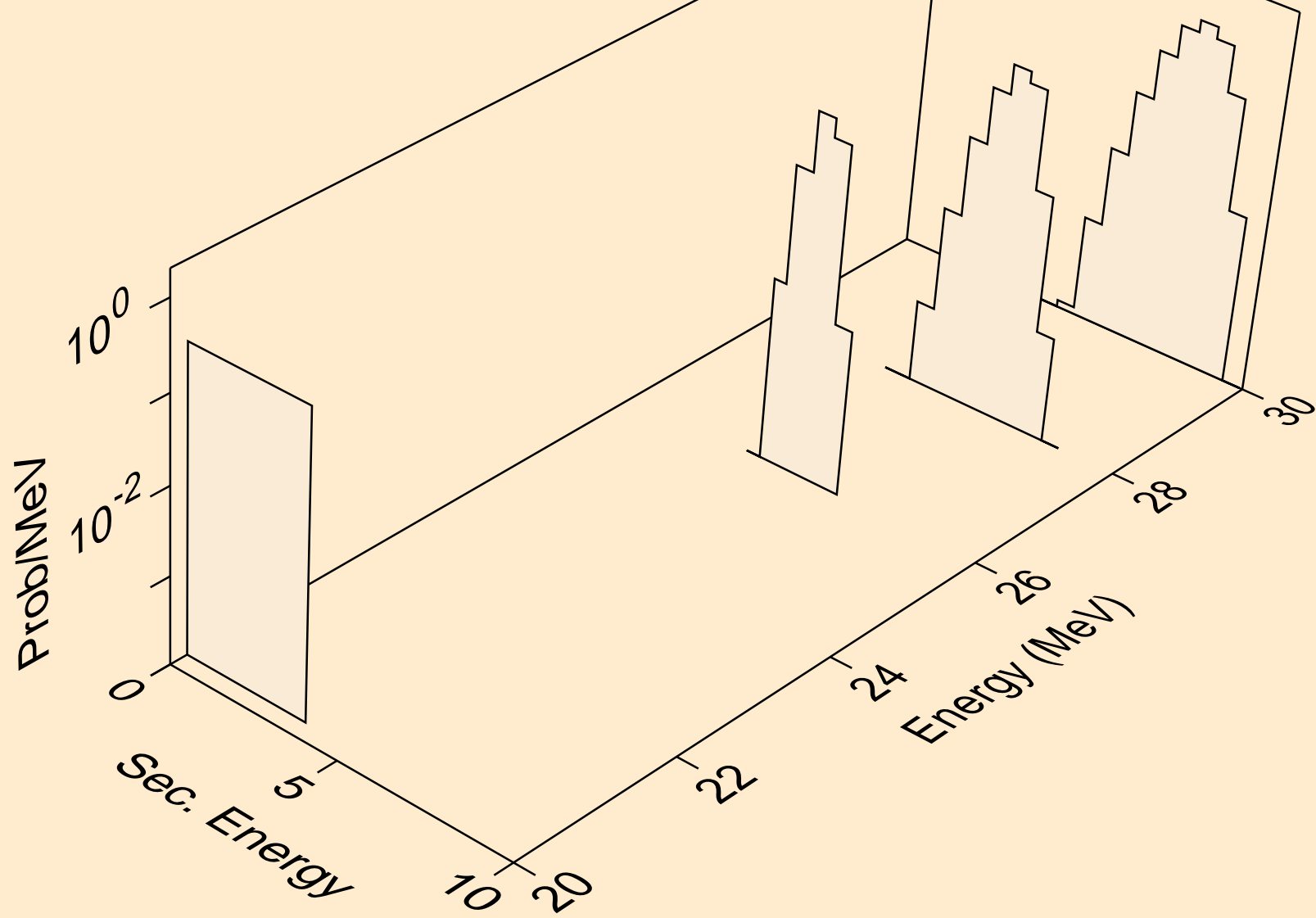
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alphas from (n,n\*)a



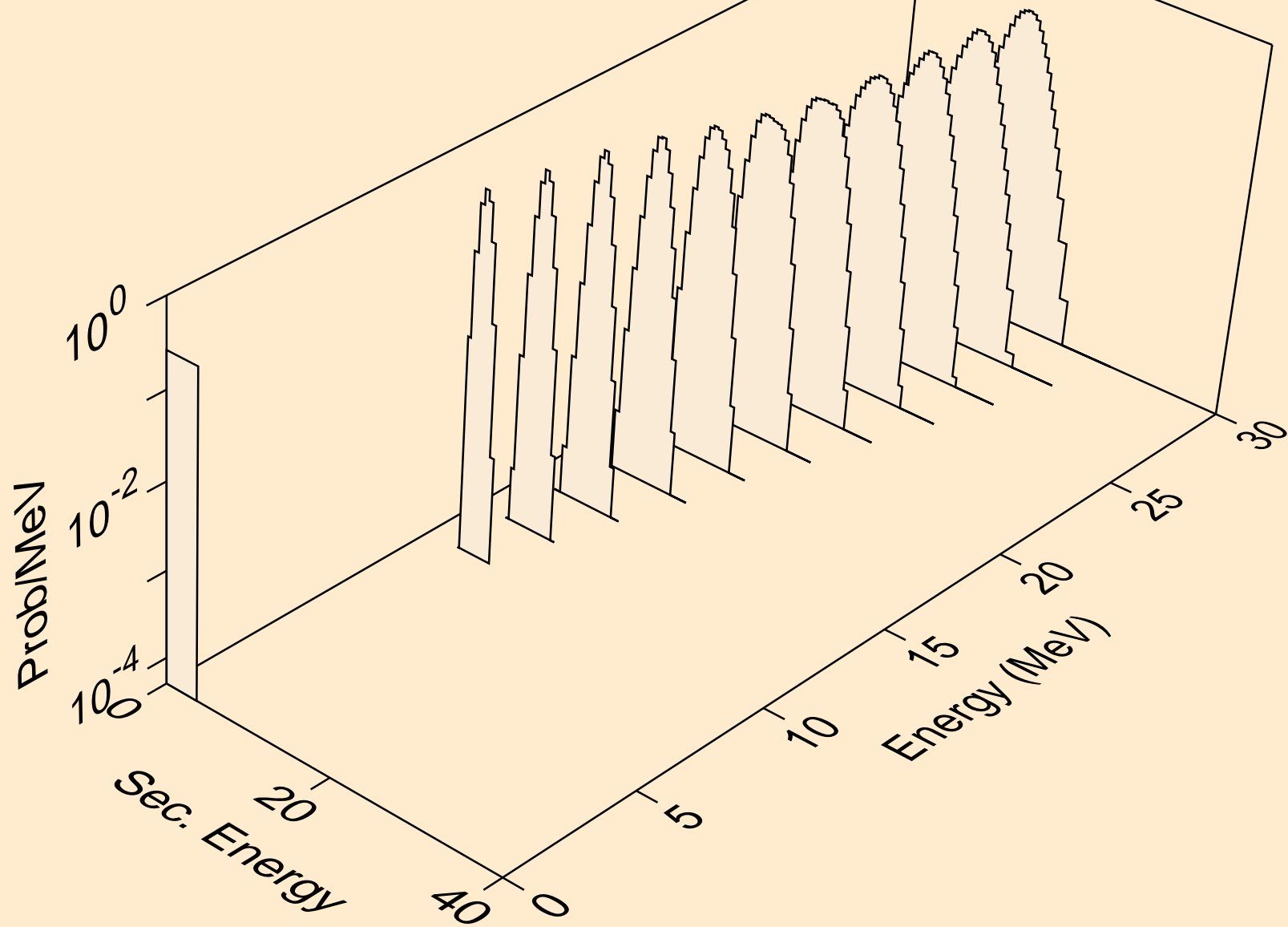
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alphas from (n,2n)a



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

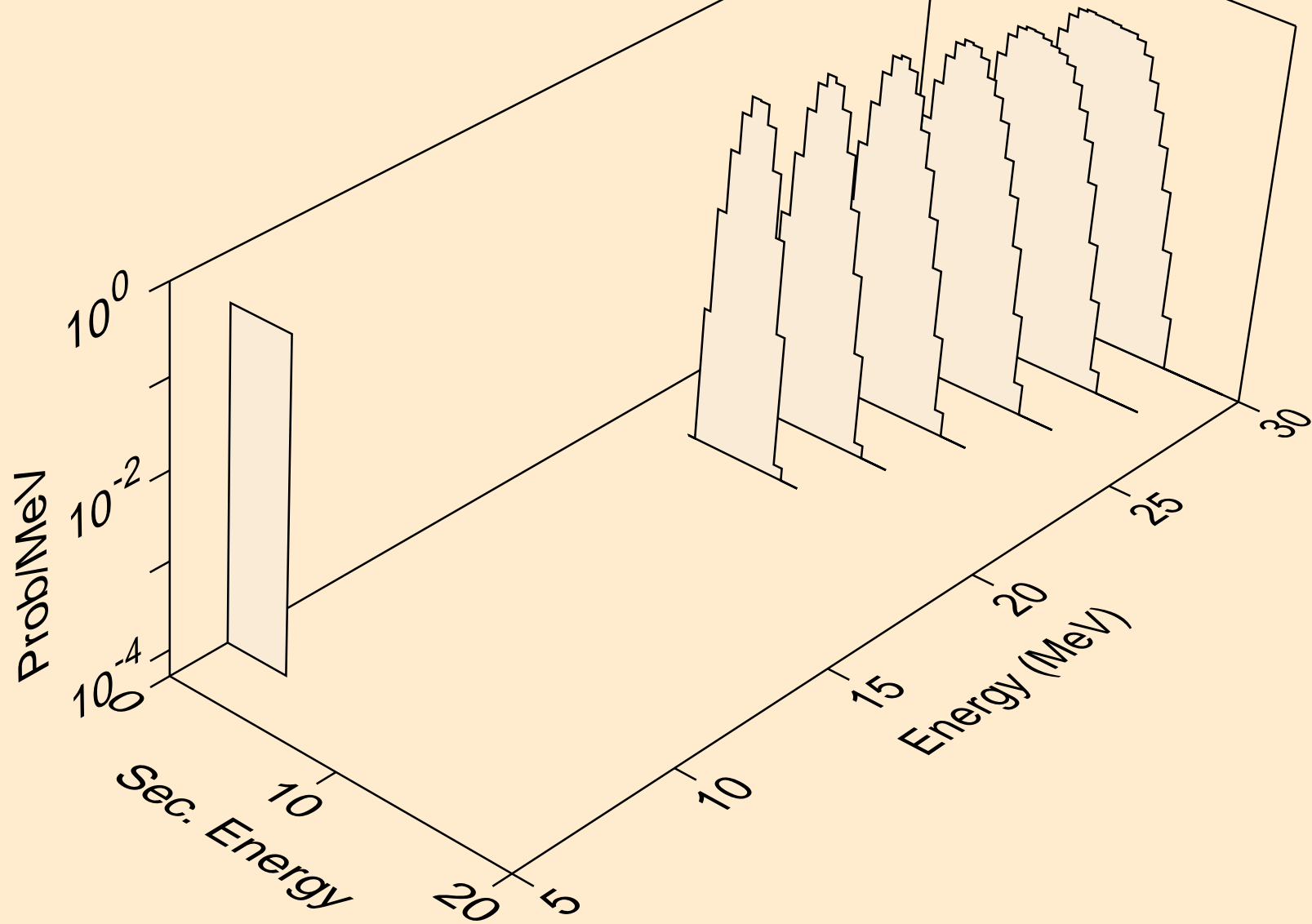


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alphas from (n,n\*)2a

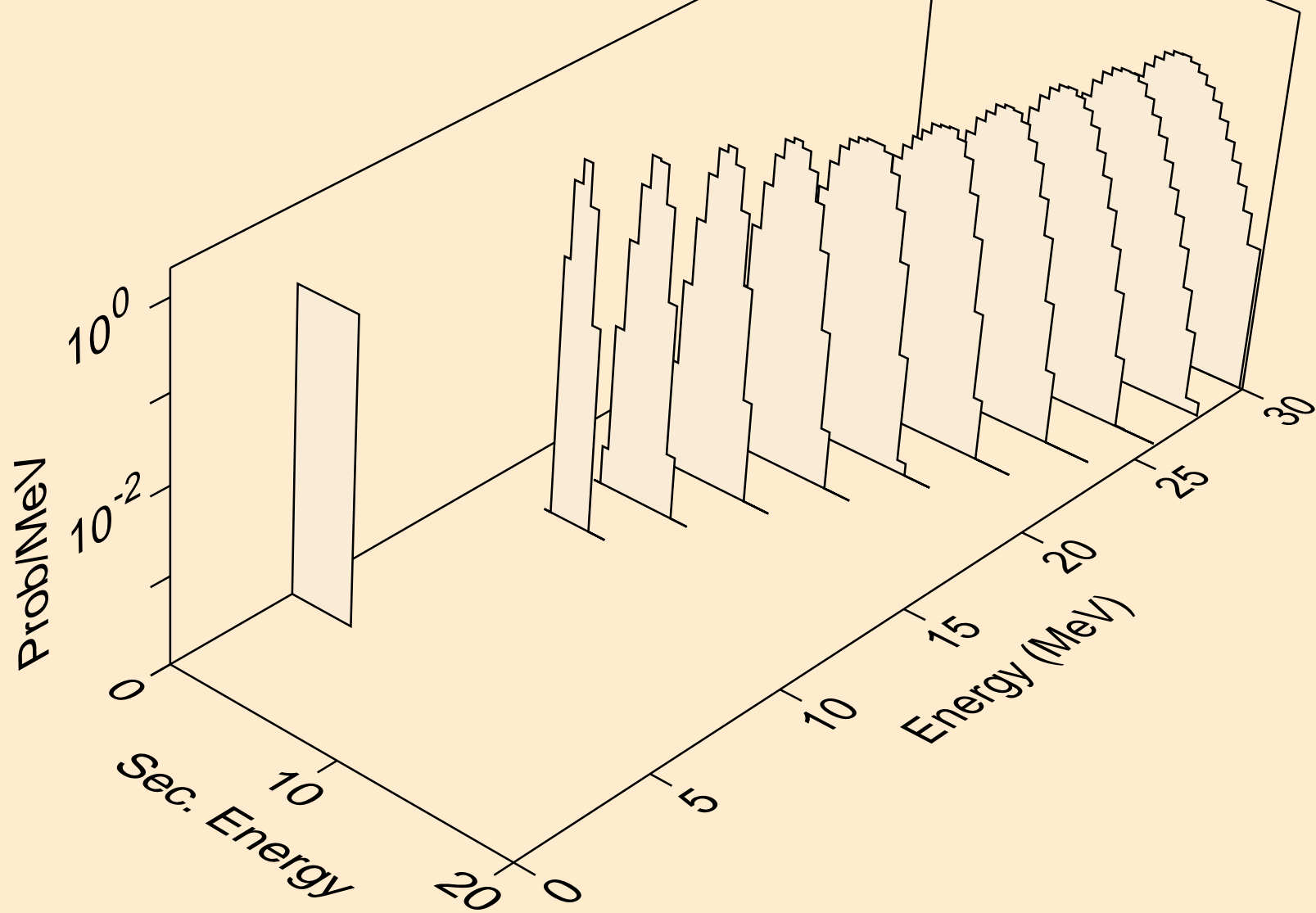




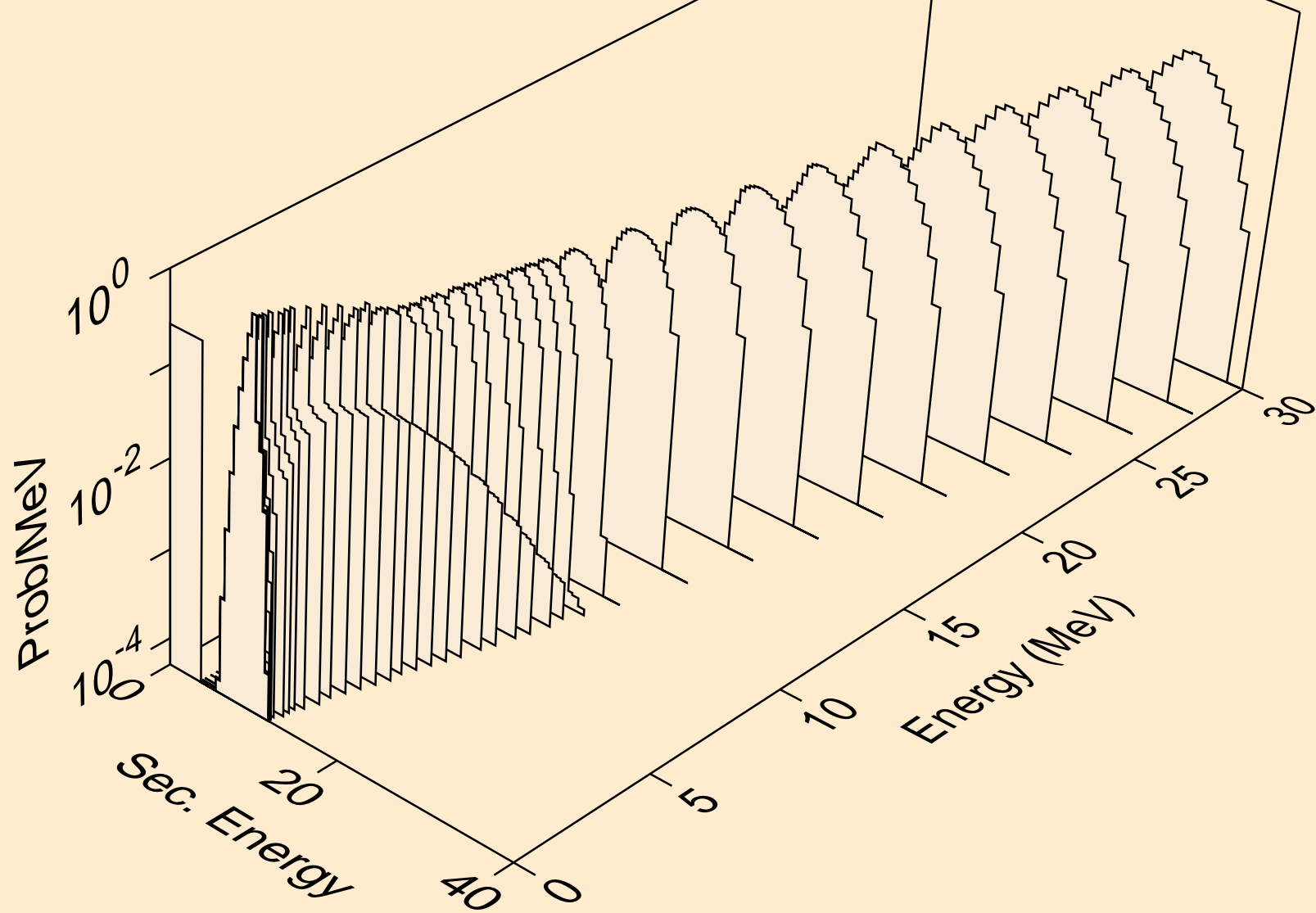
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alphas from (n,2n)2a



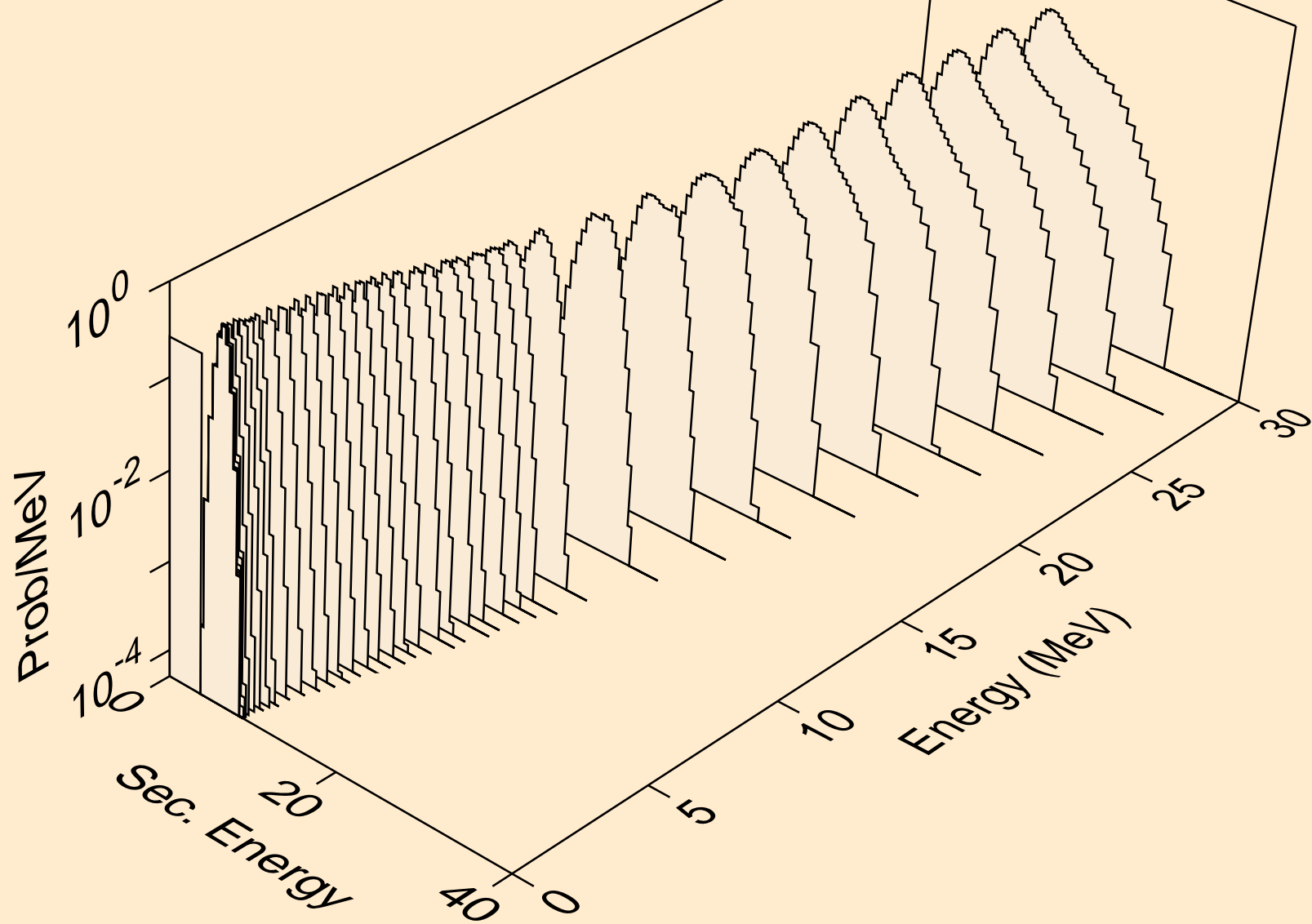
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alphas from (n,npa)



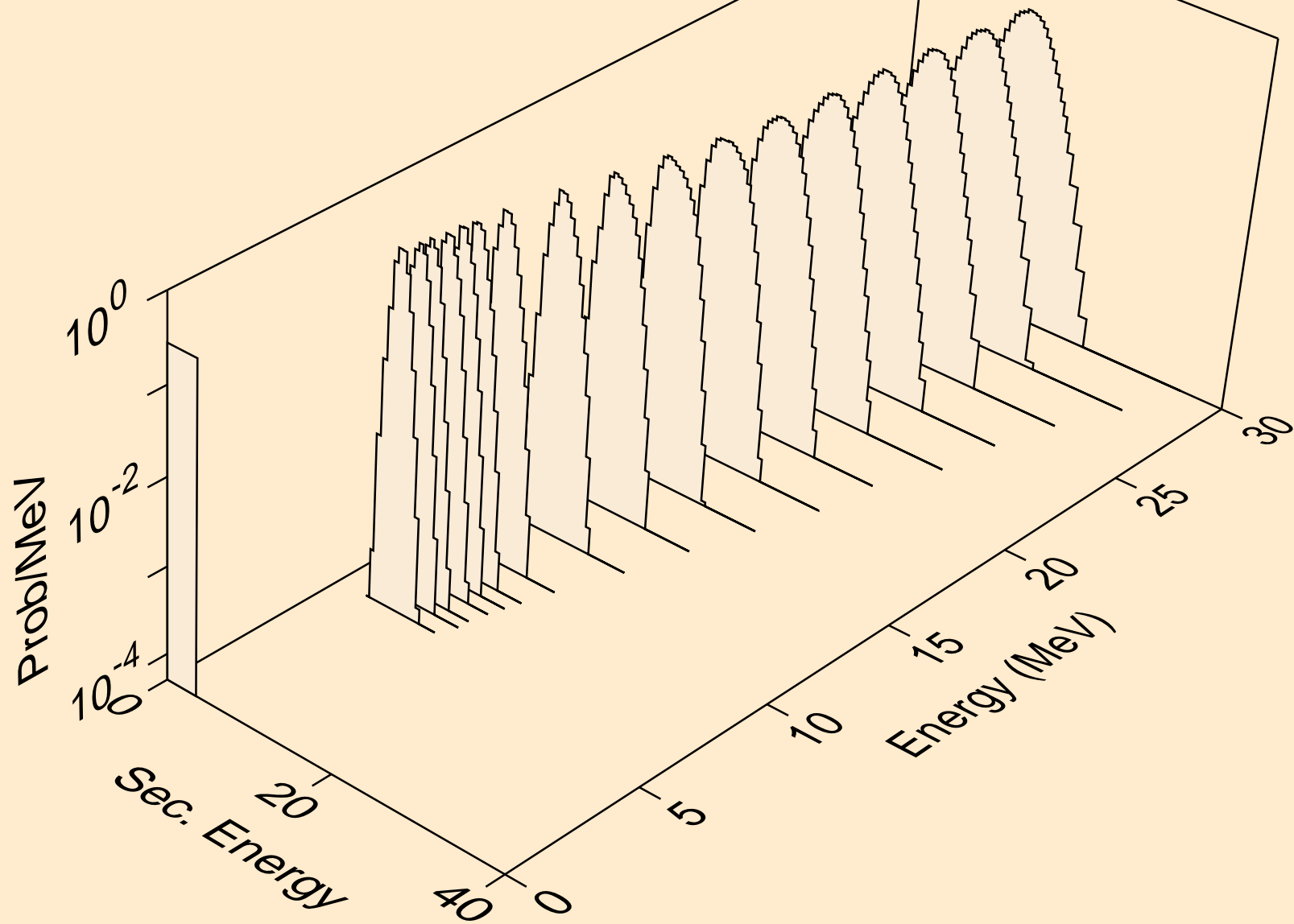
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alphas from (n,a)



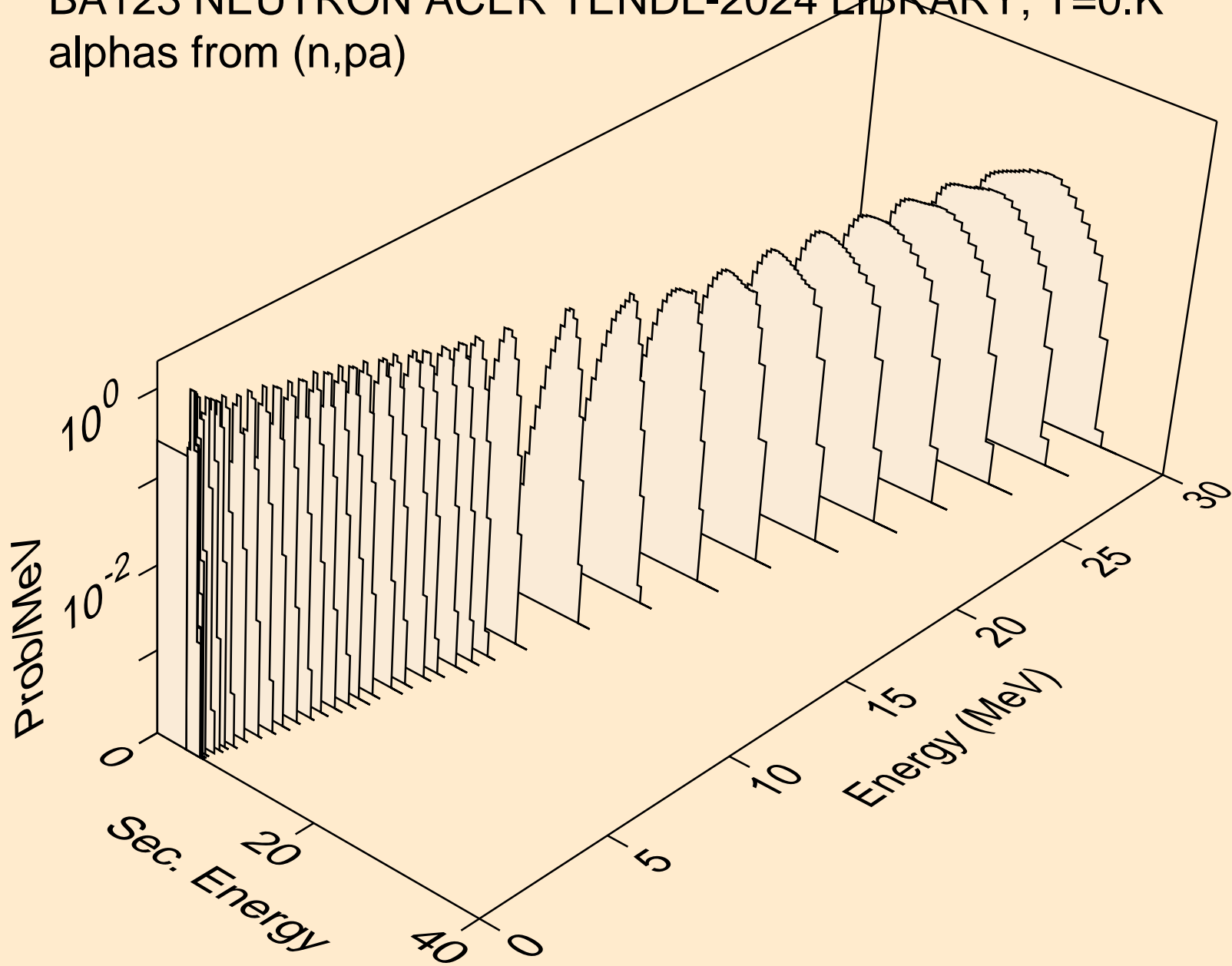
BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



BA123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

