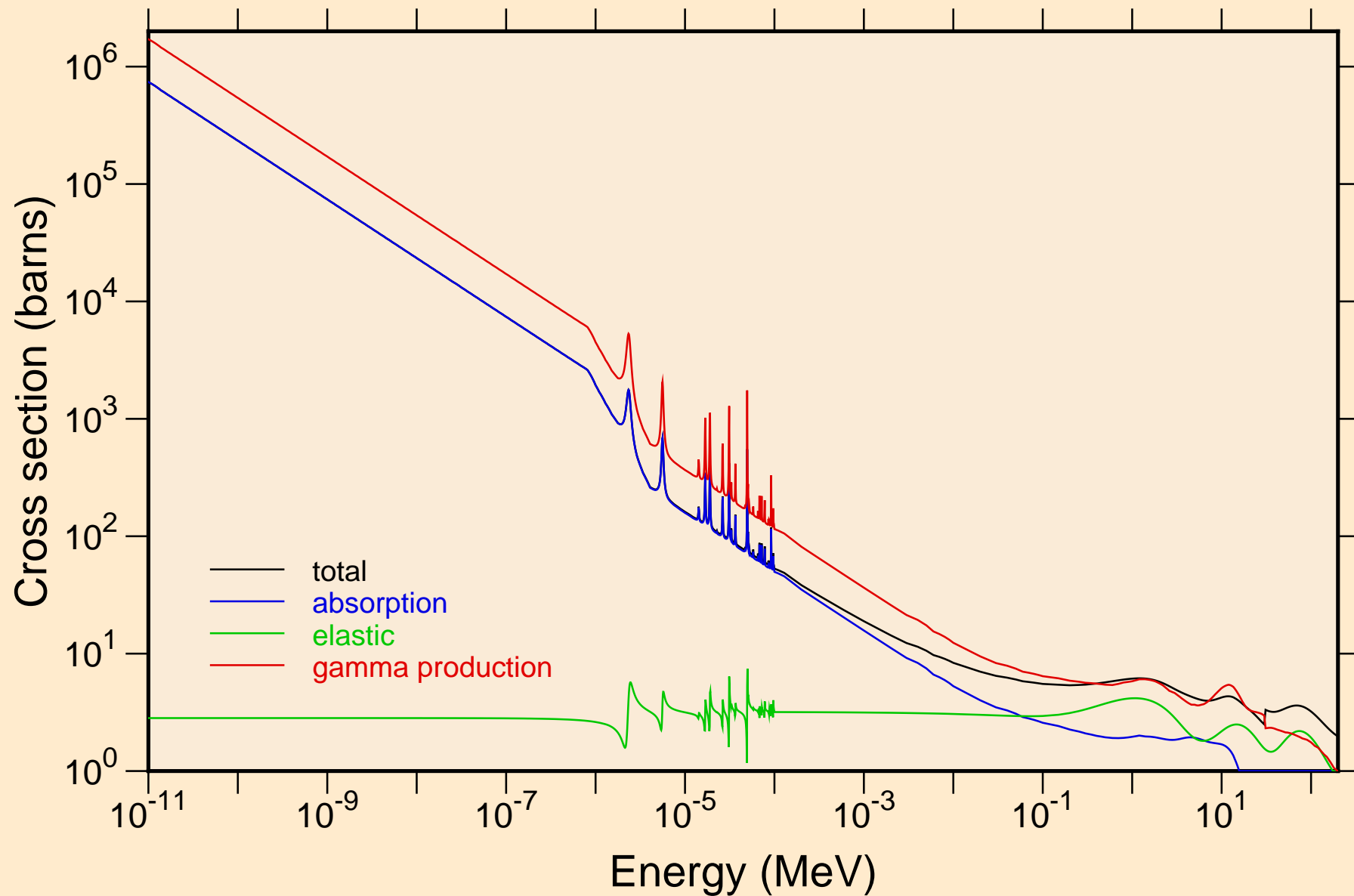
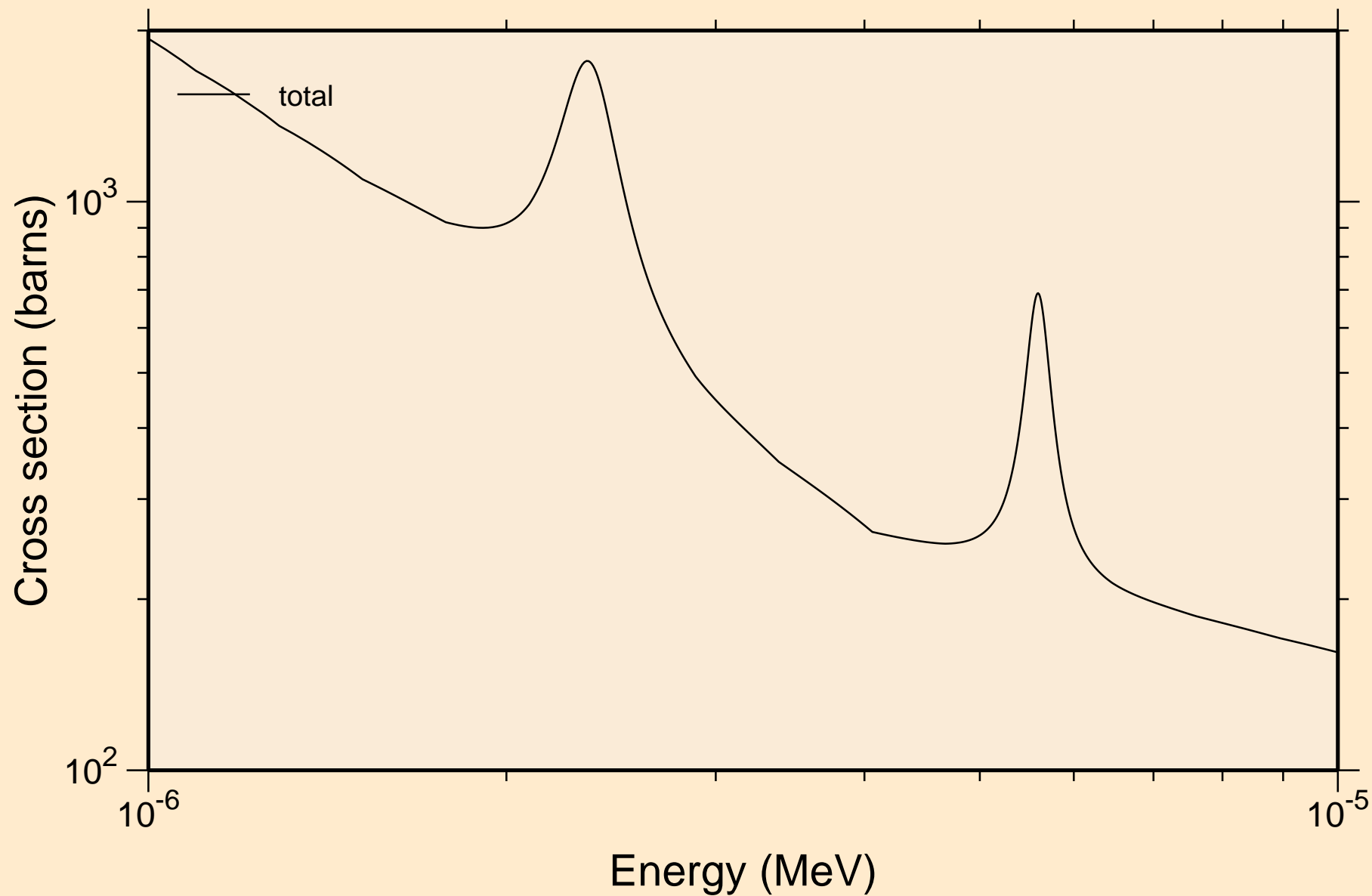


# BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

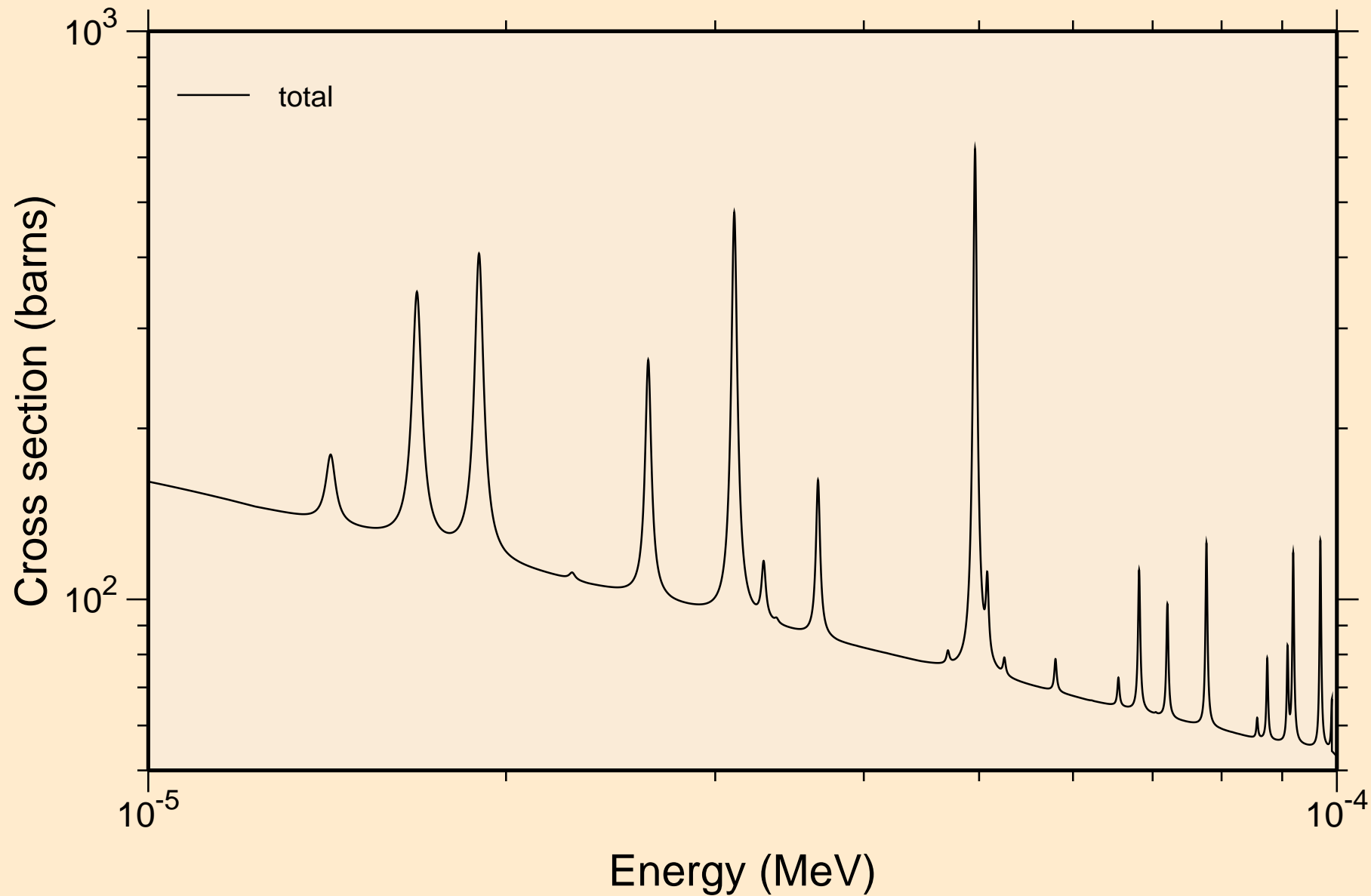
## Principal cross sections



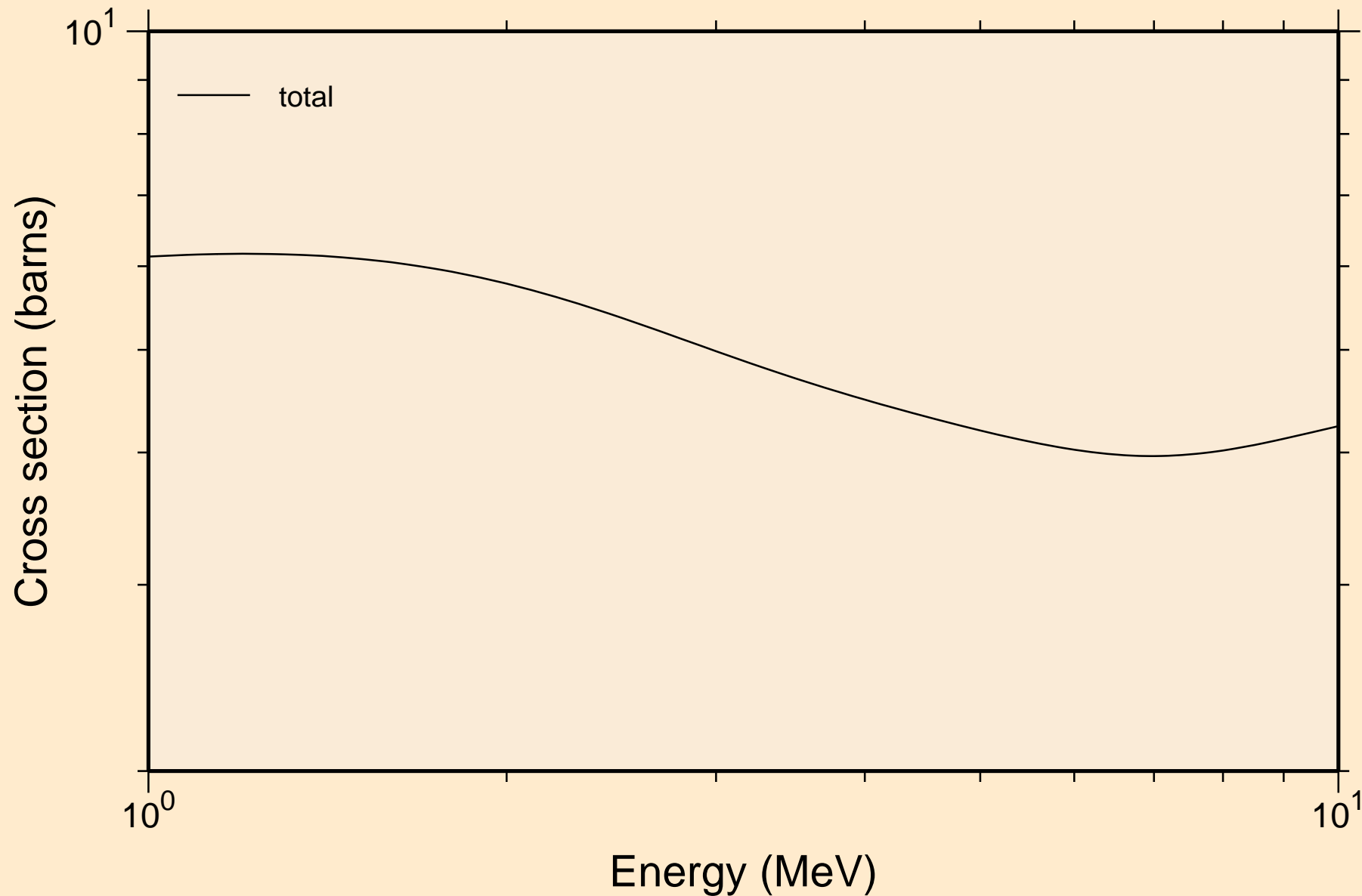
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



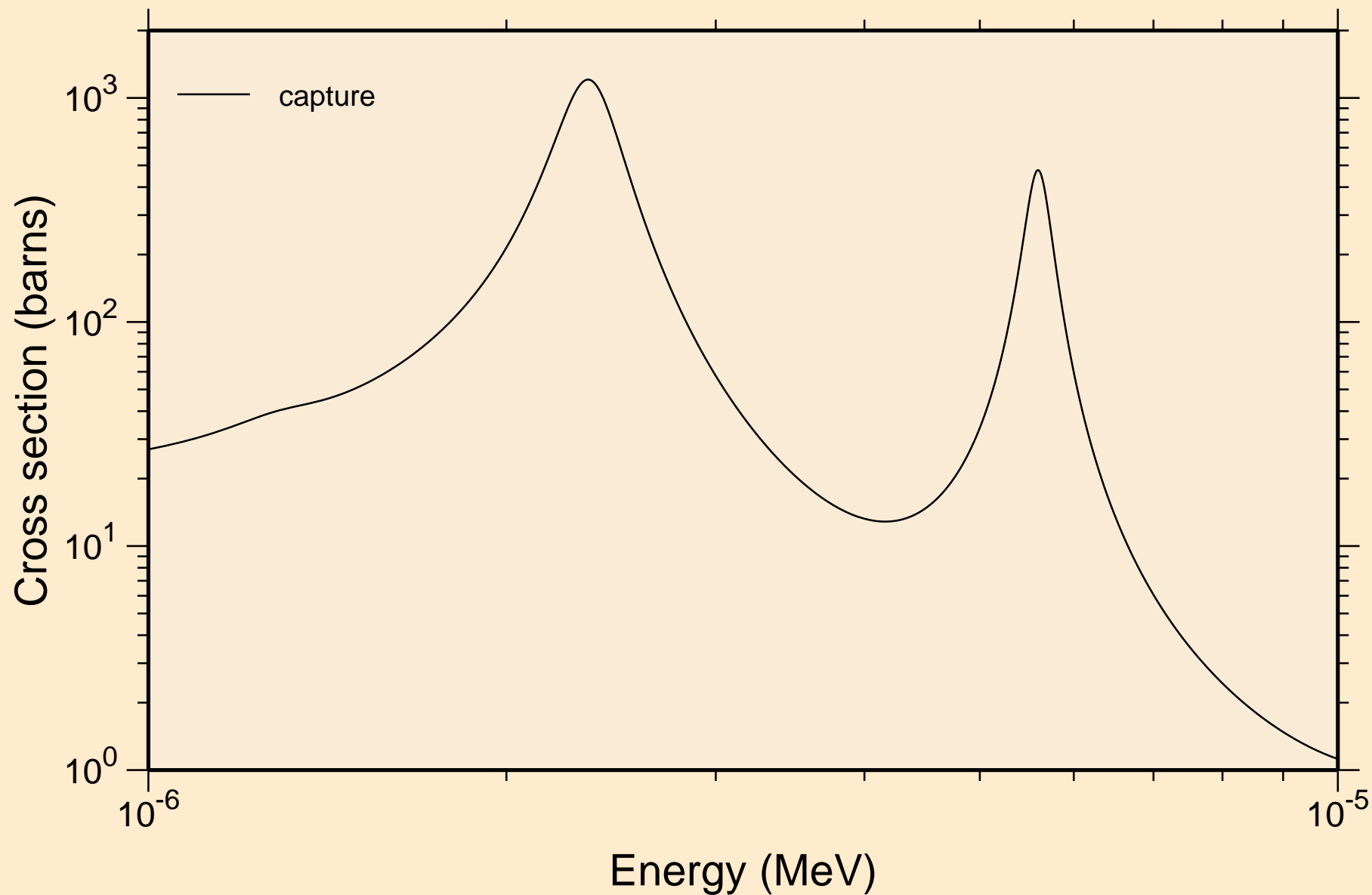
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resonance total cross section



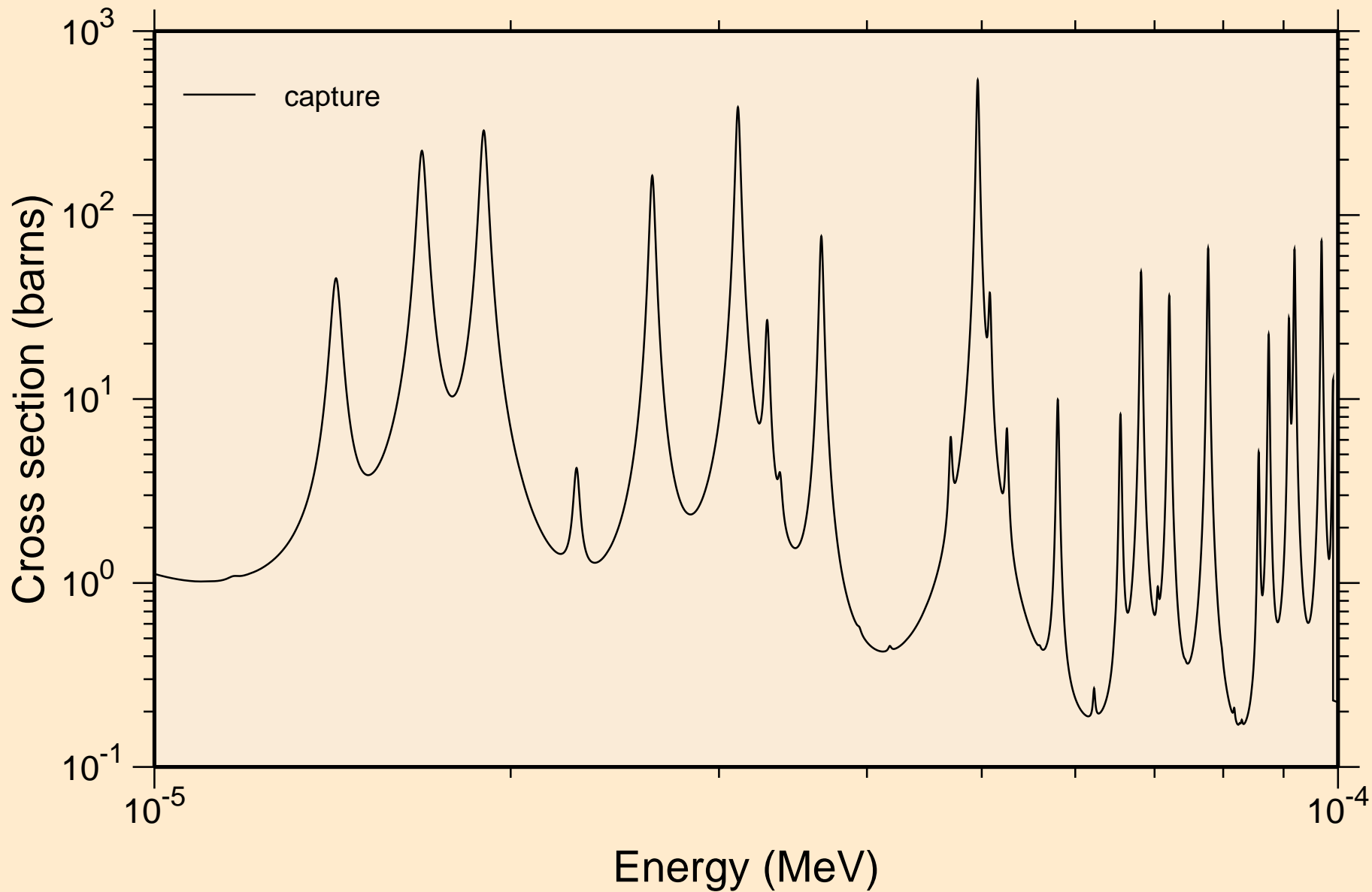
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



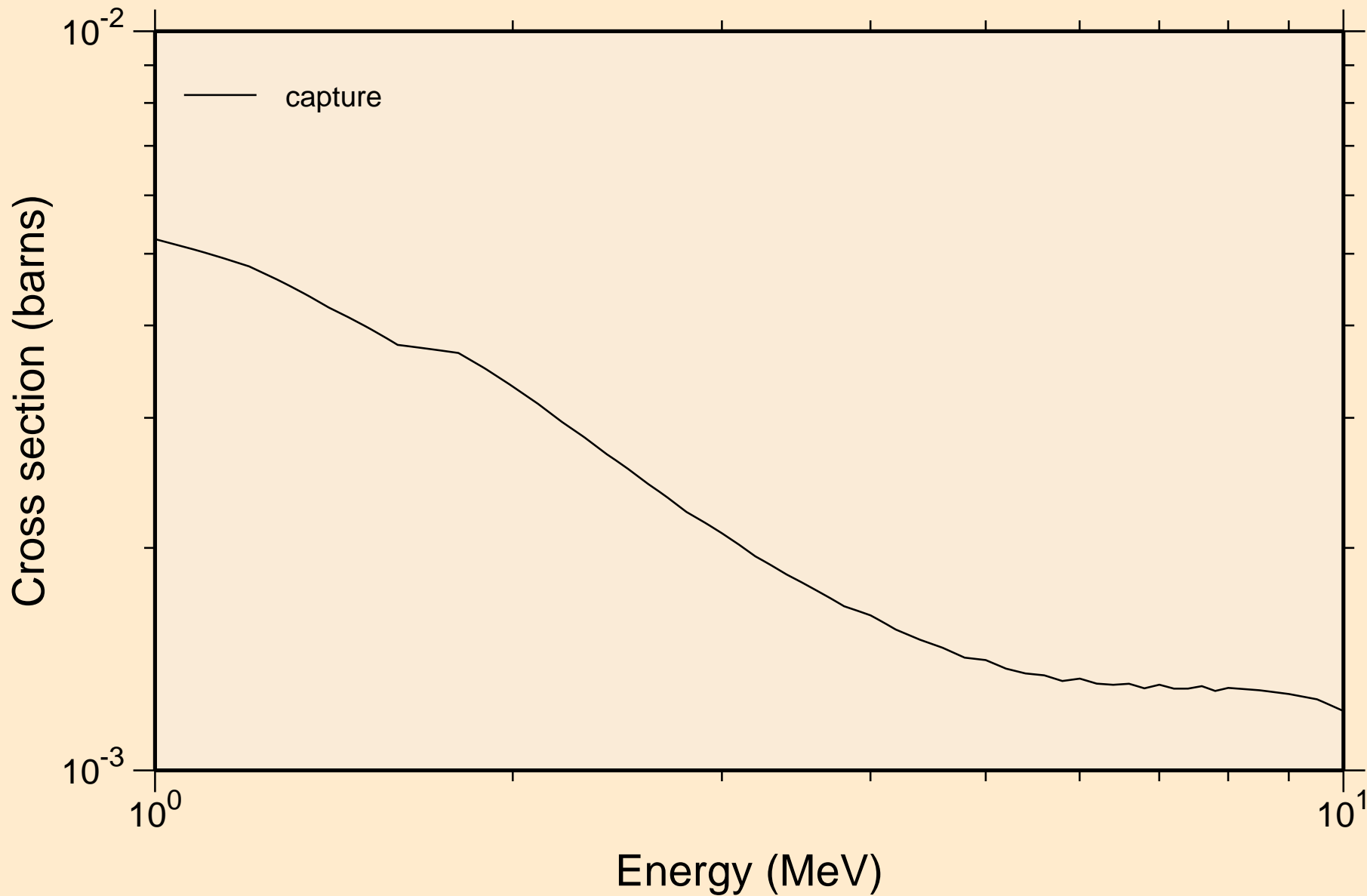
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



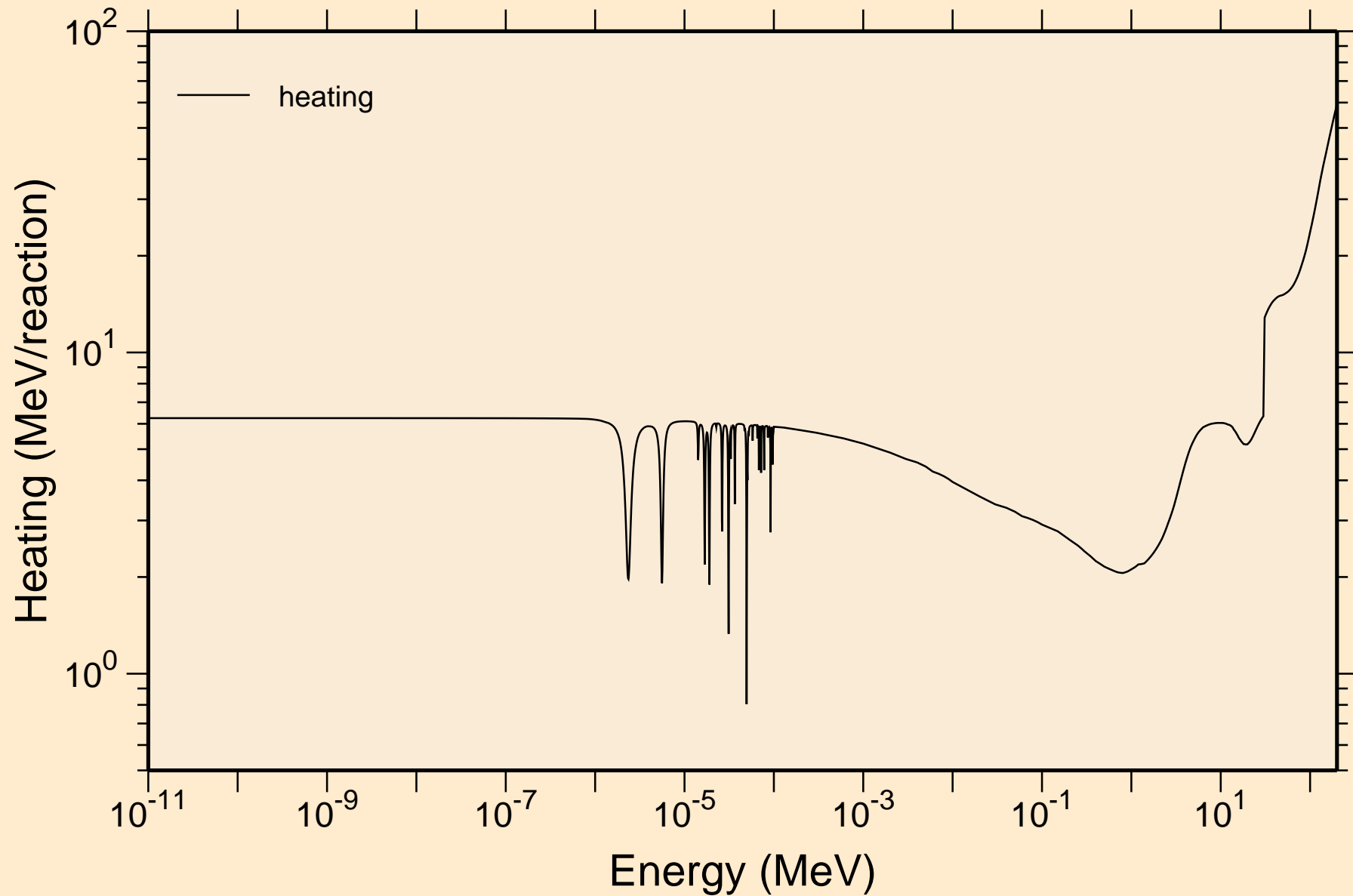
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

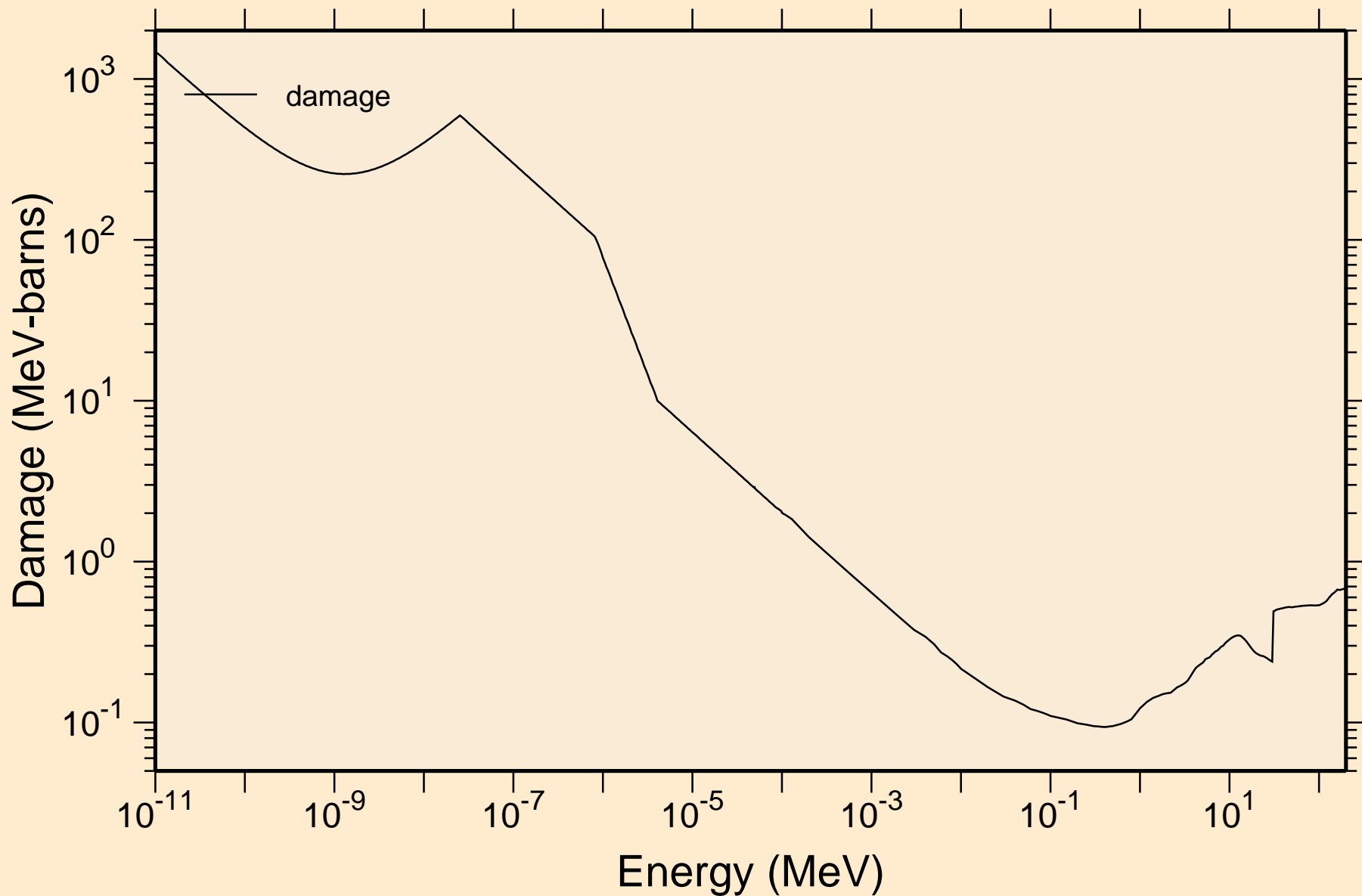


BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

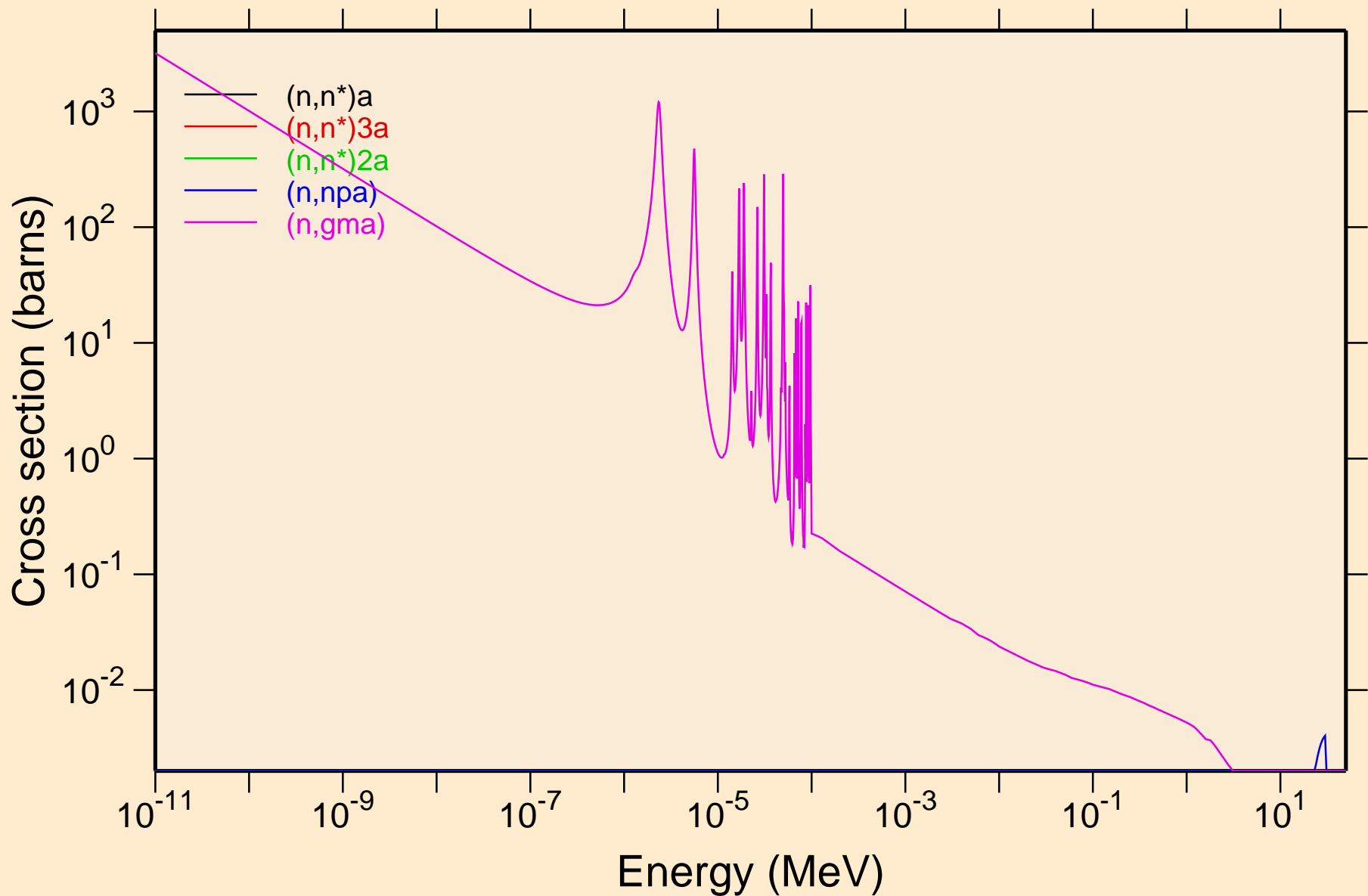




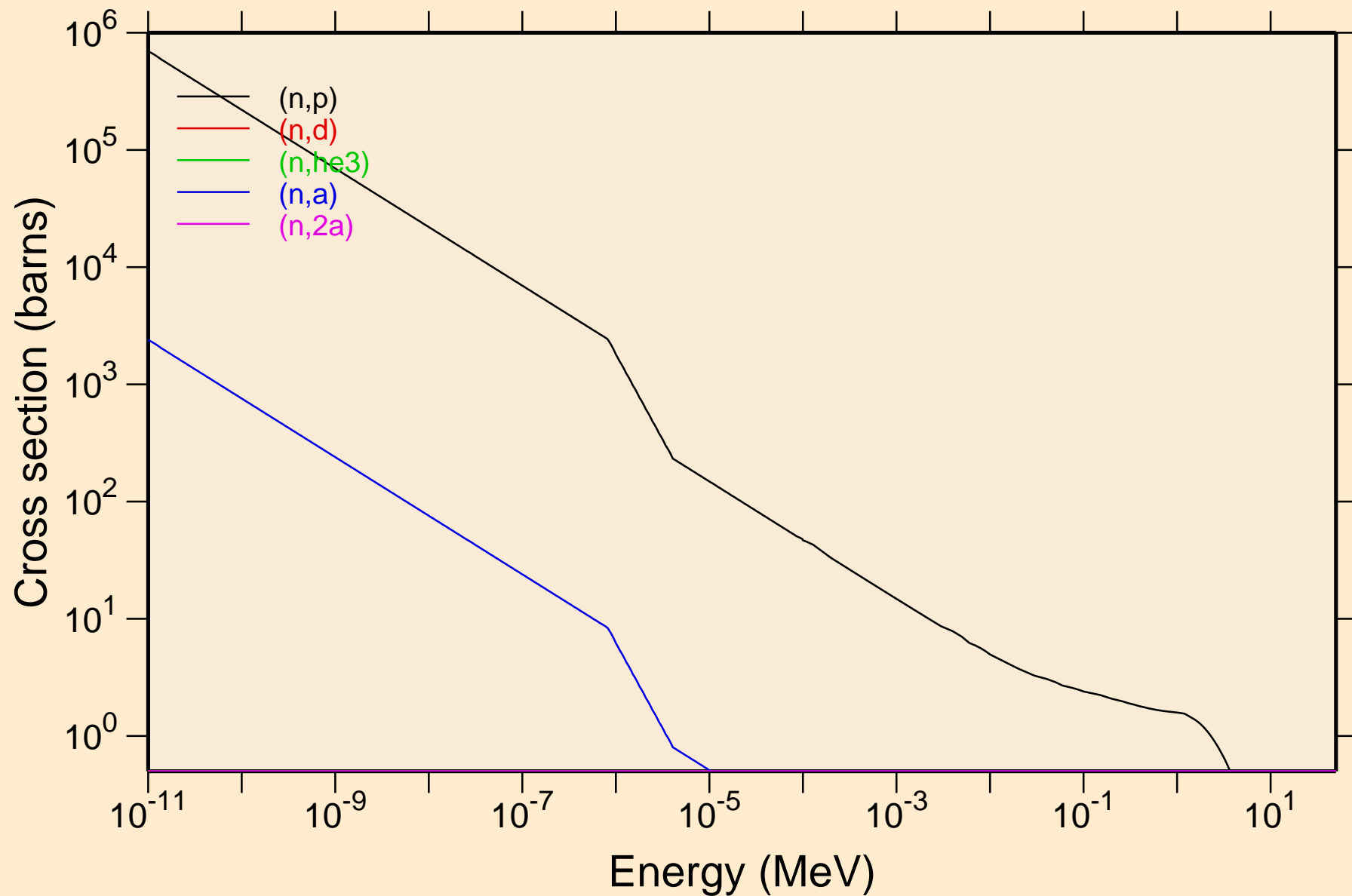
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



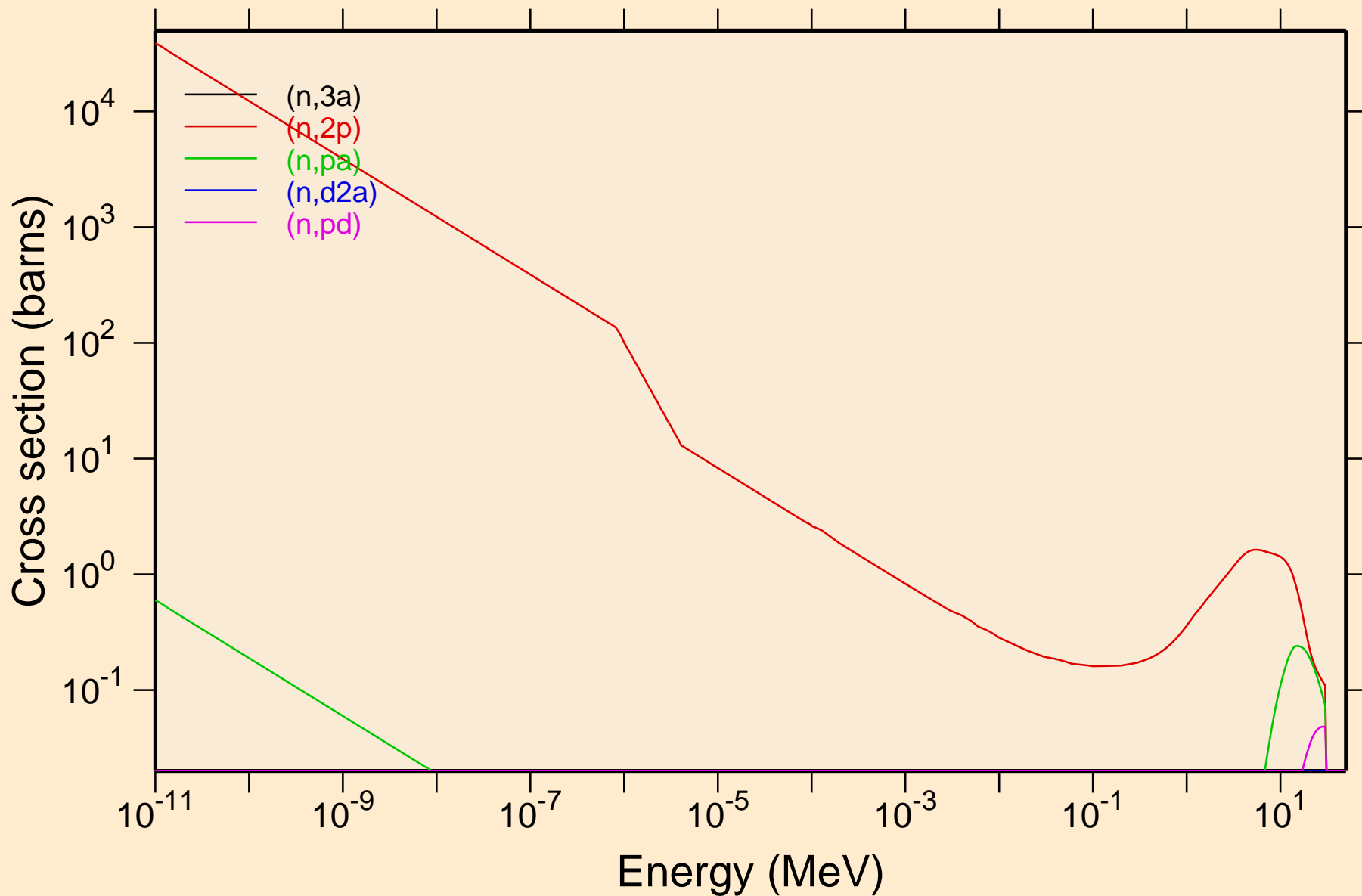
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

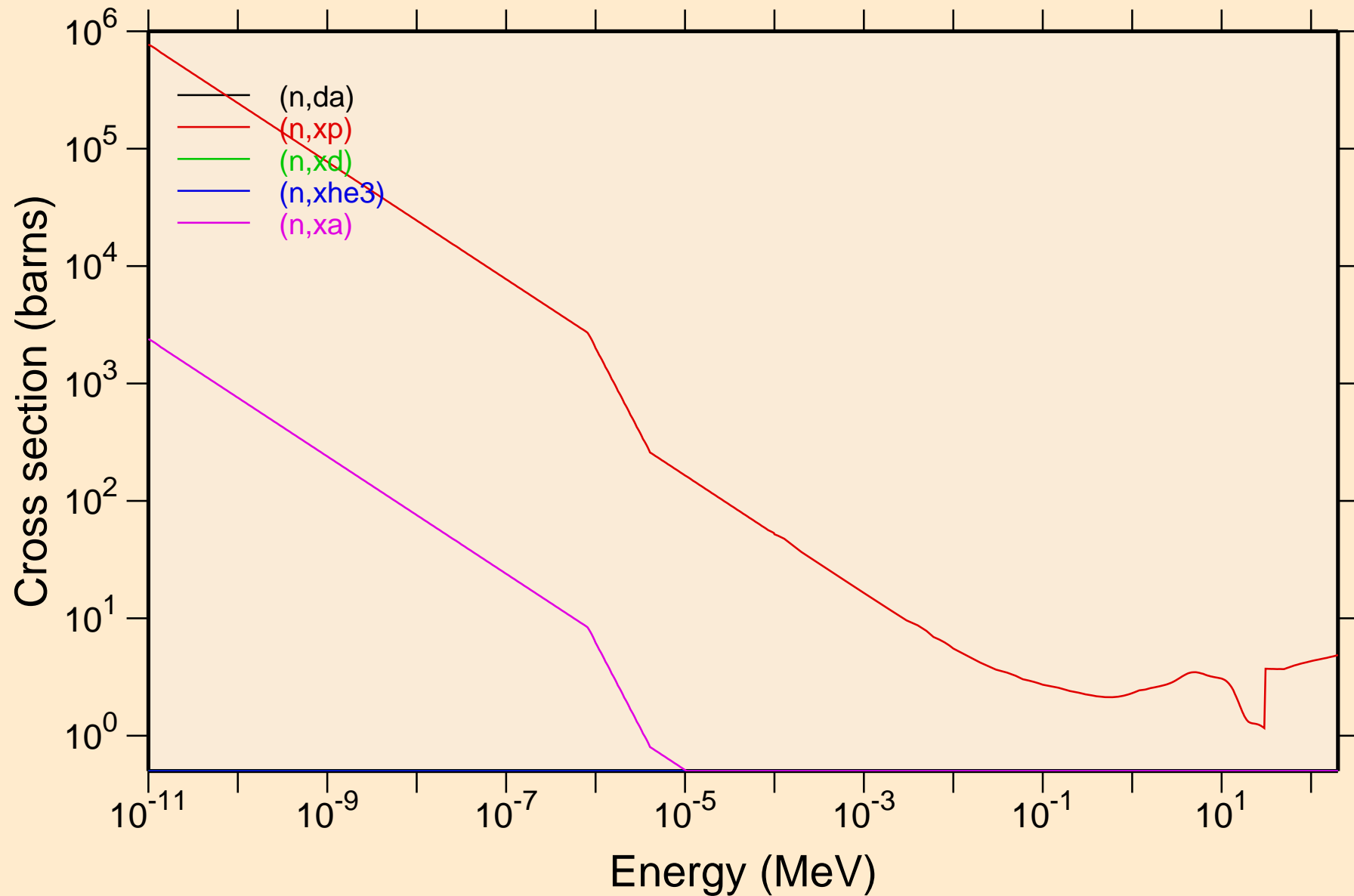


BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



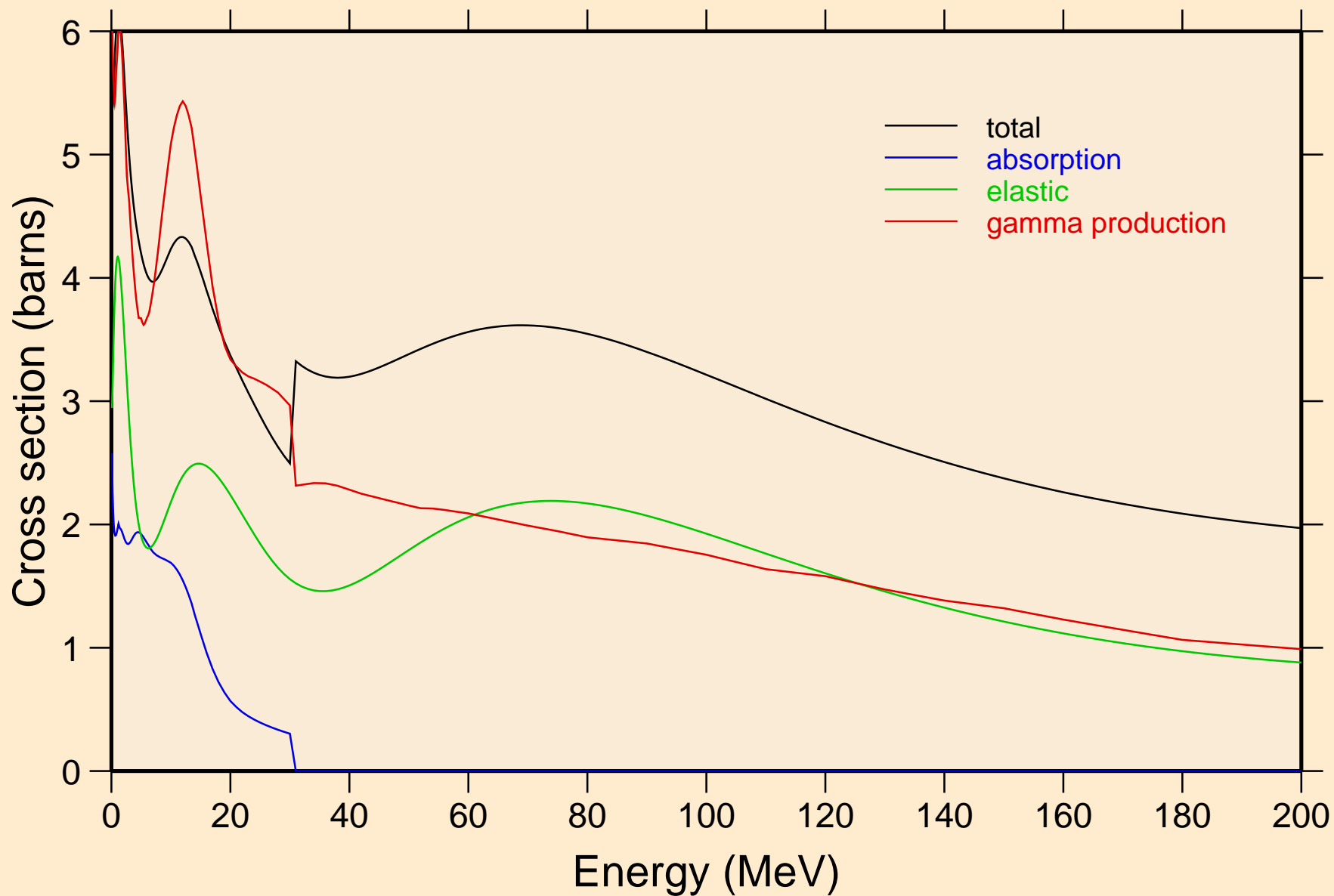
# BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



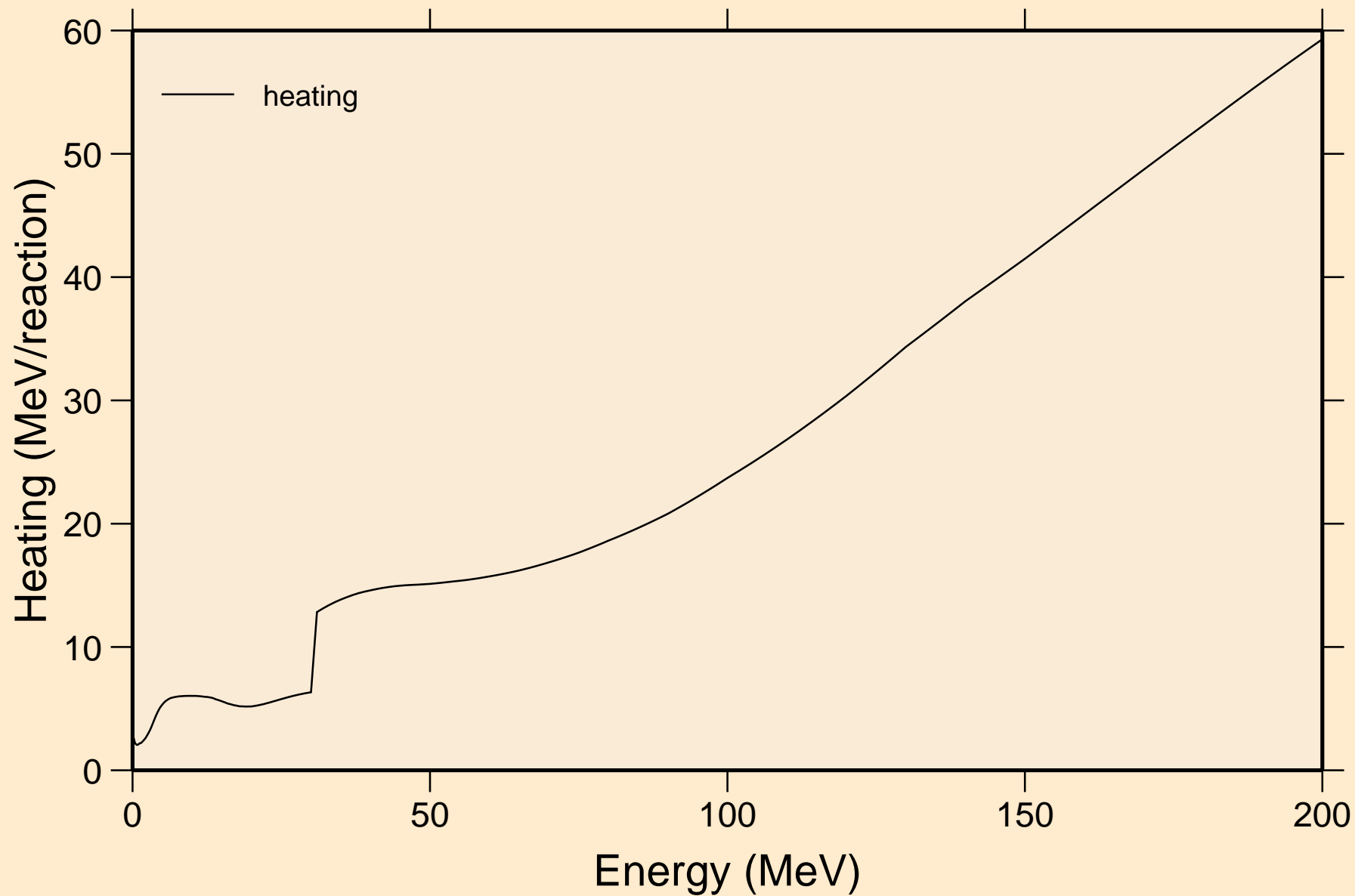
# BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

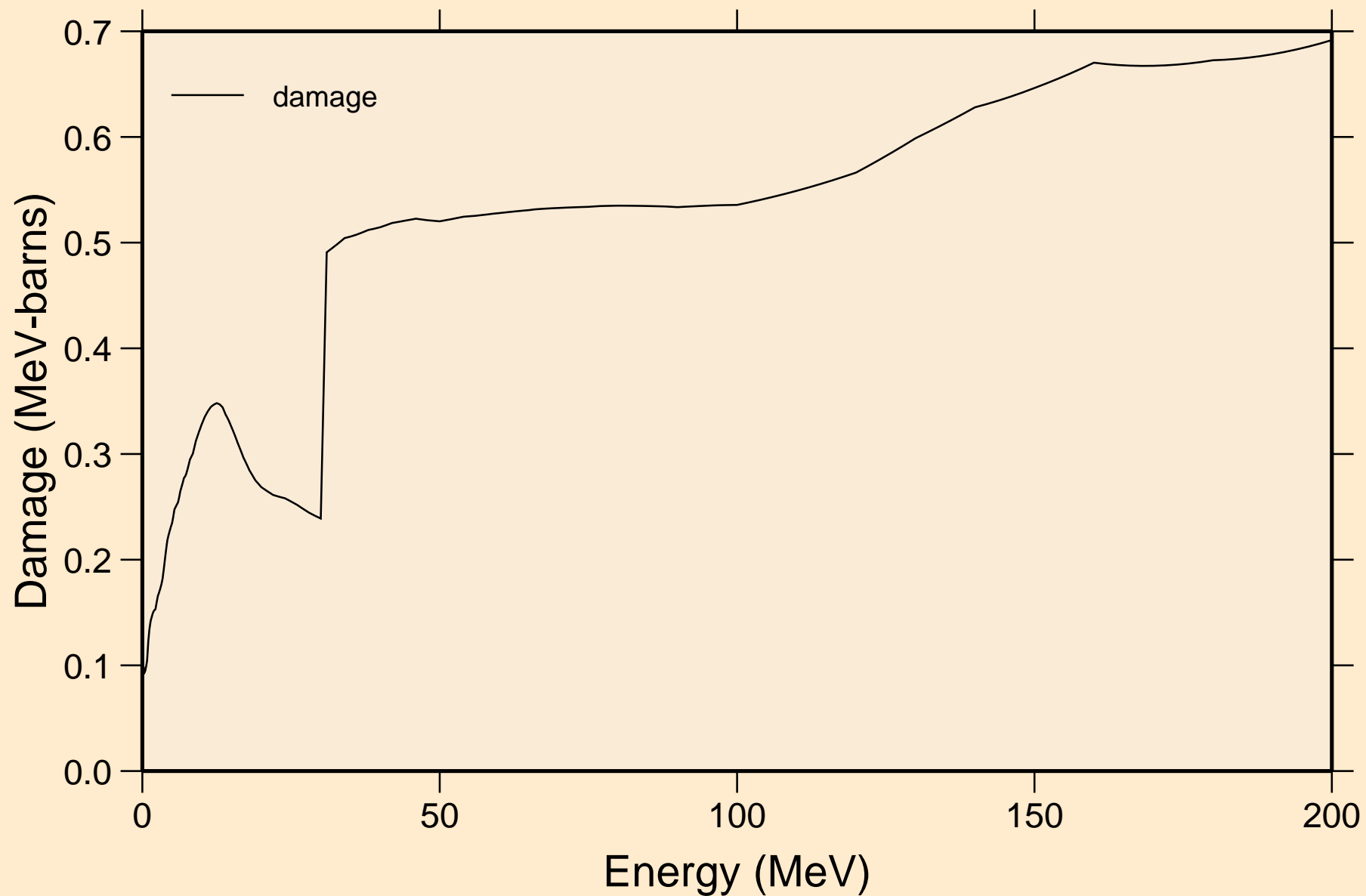


# BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

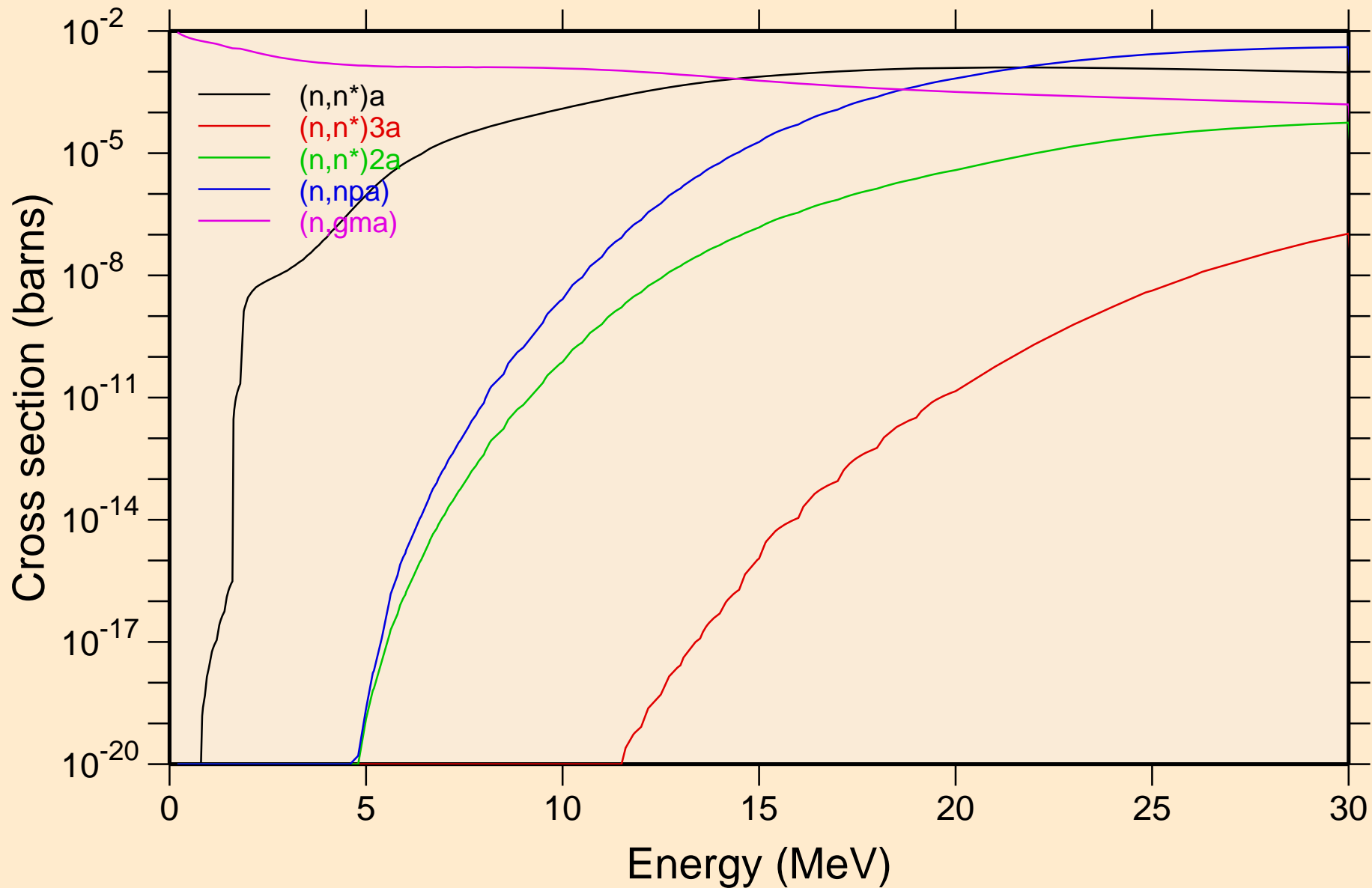


BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

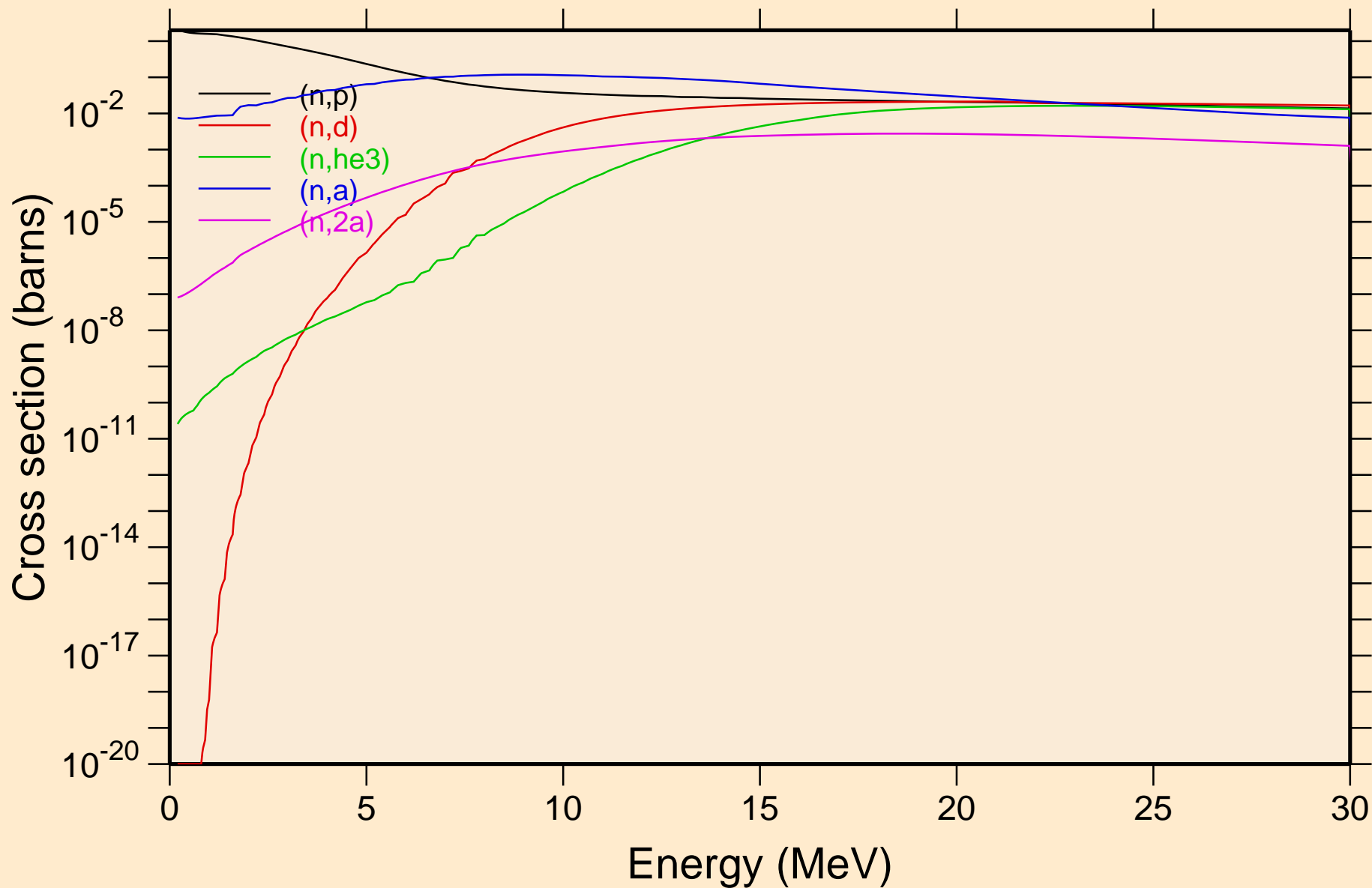




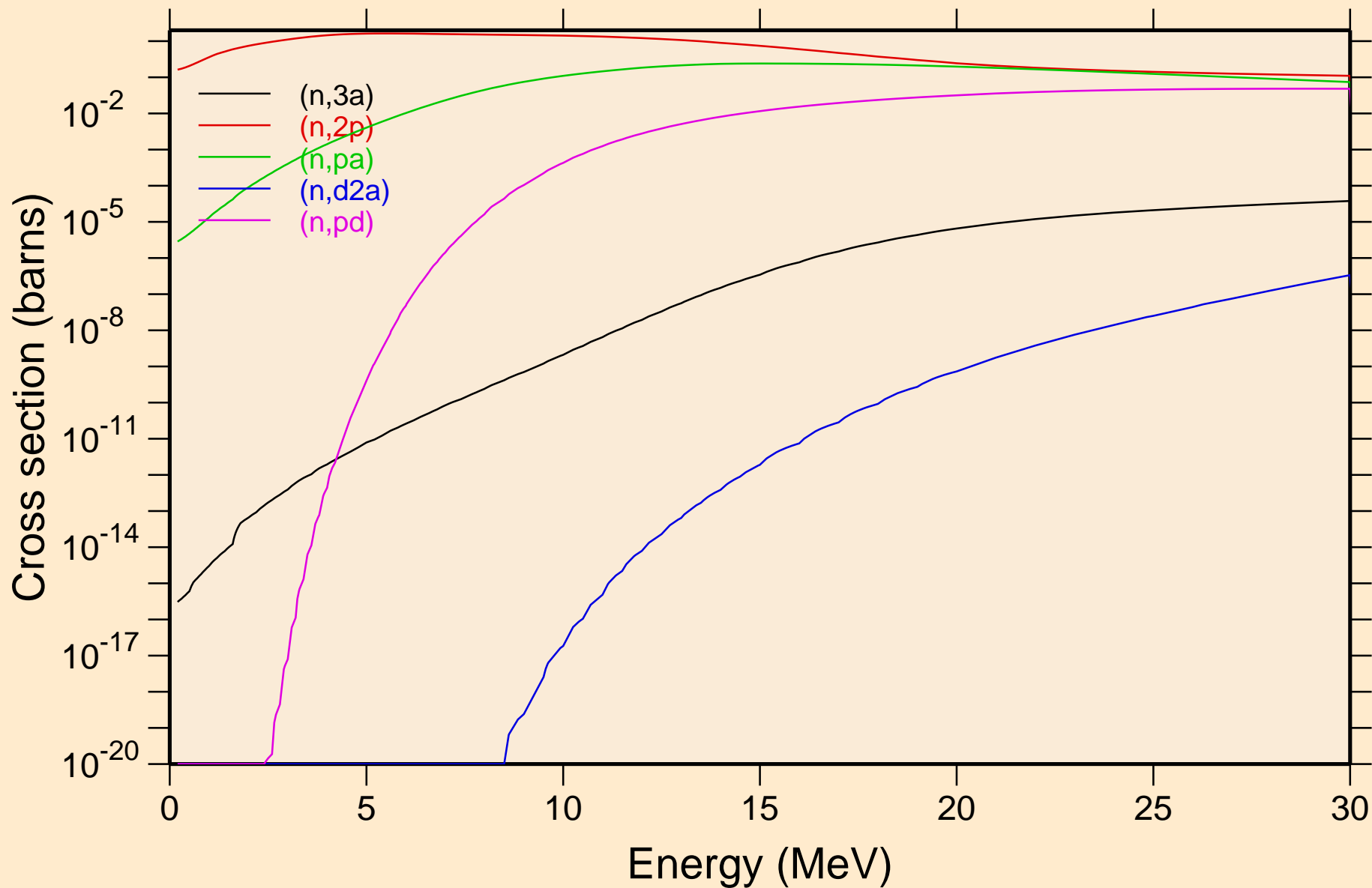
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Non-threshold reactions



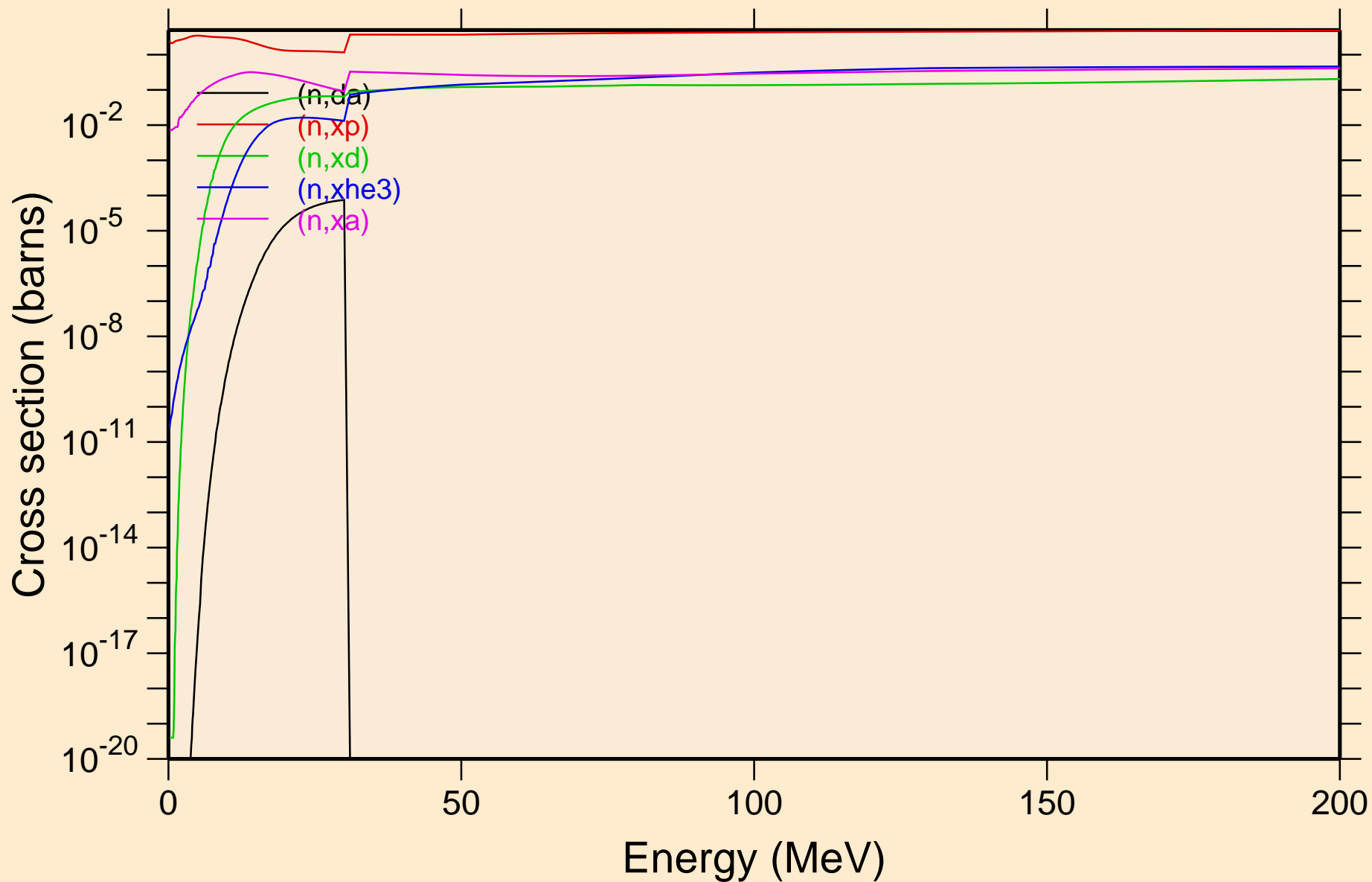
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Non-threshold reactions



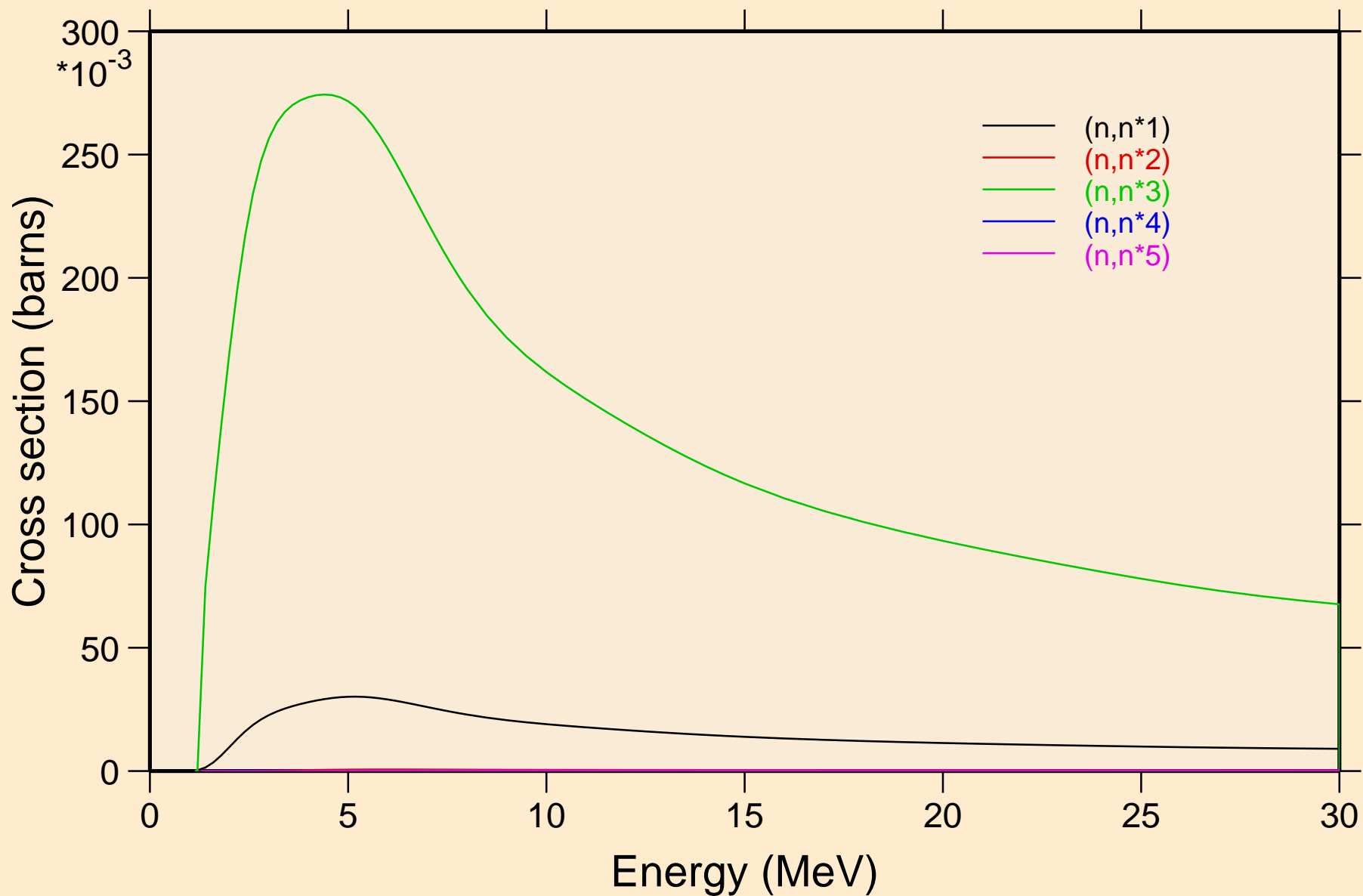
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



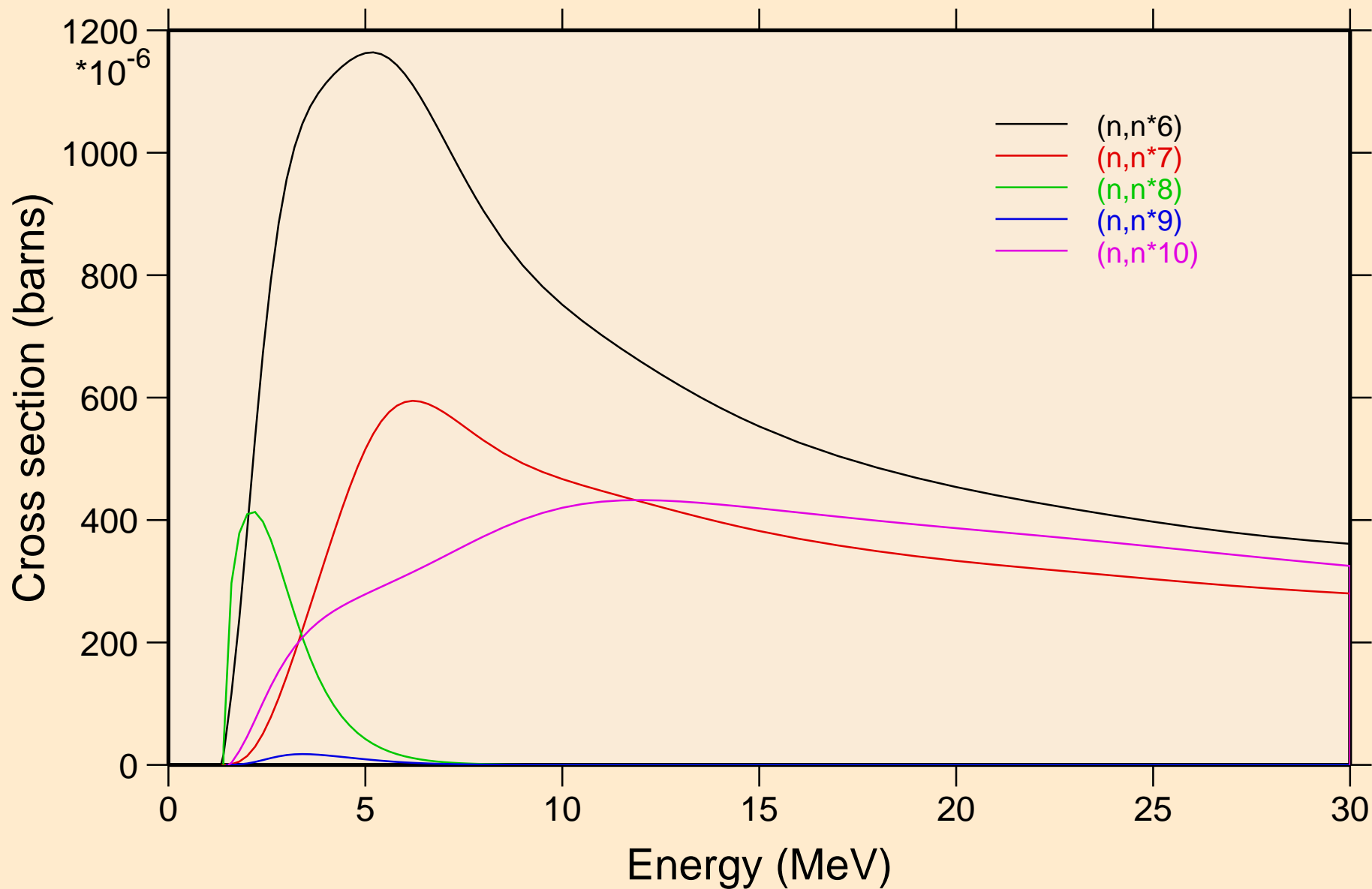
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Non-threshold reactions



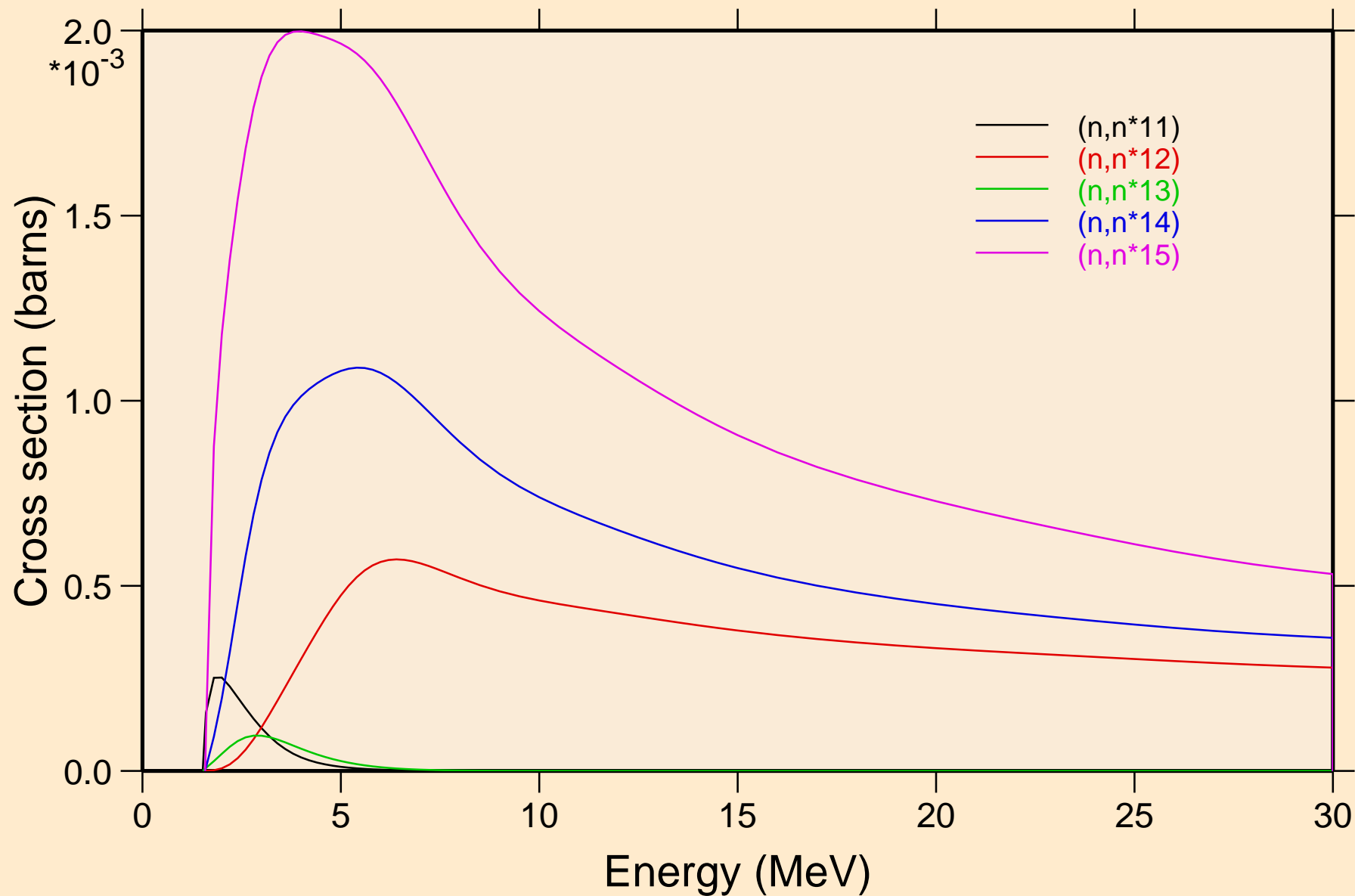
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



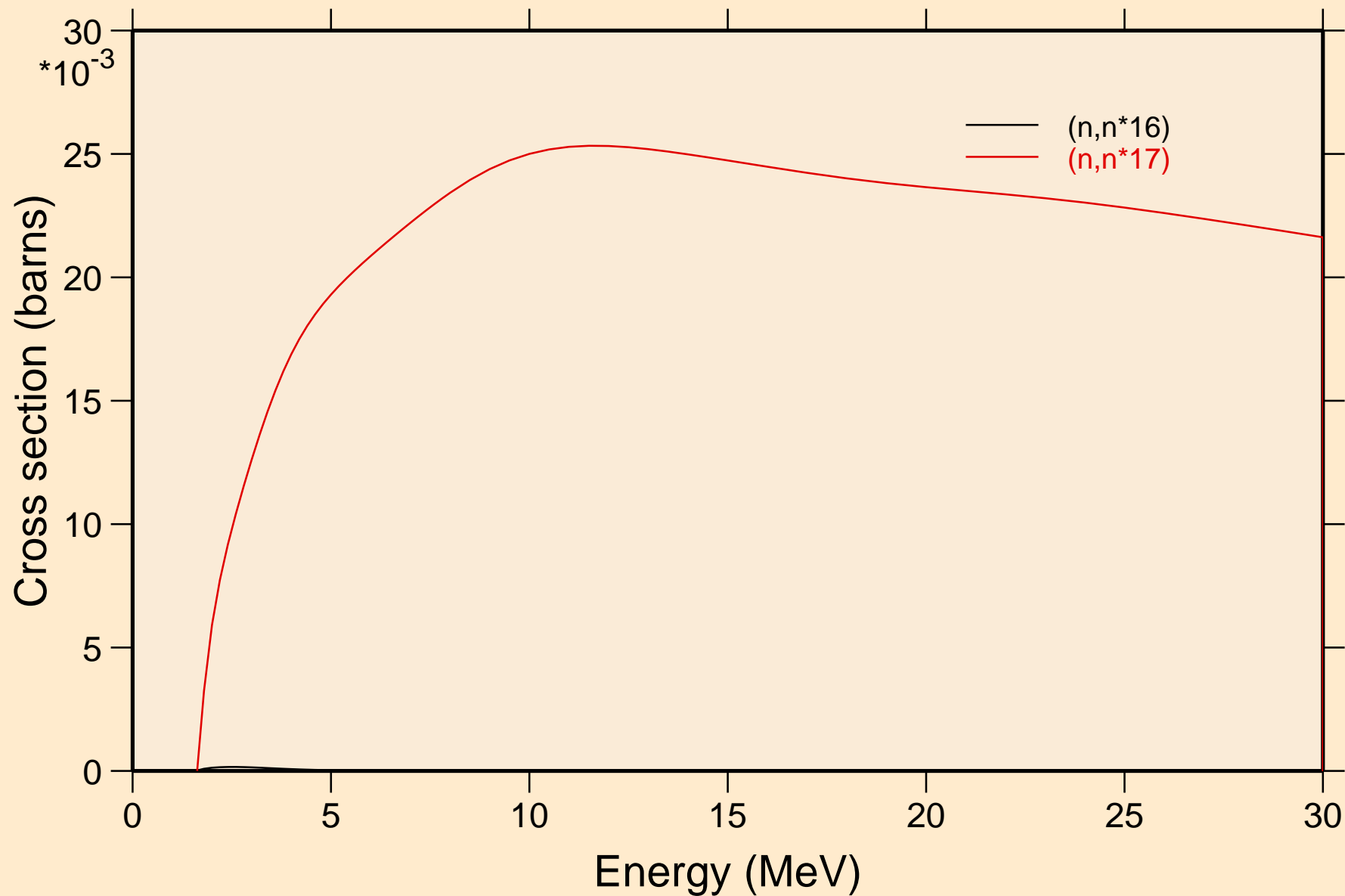
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



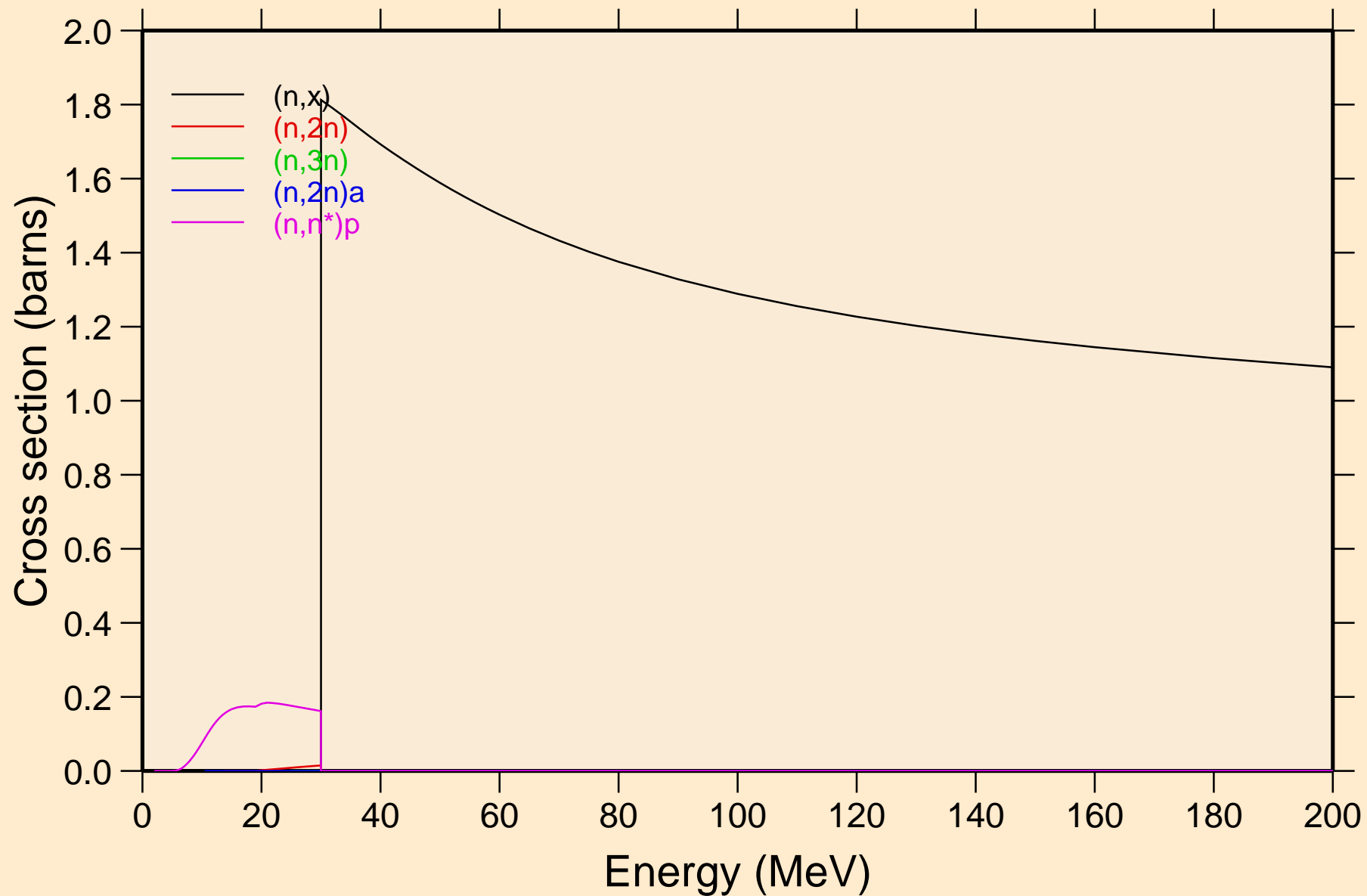
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



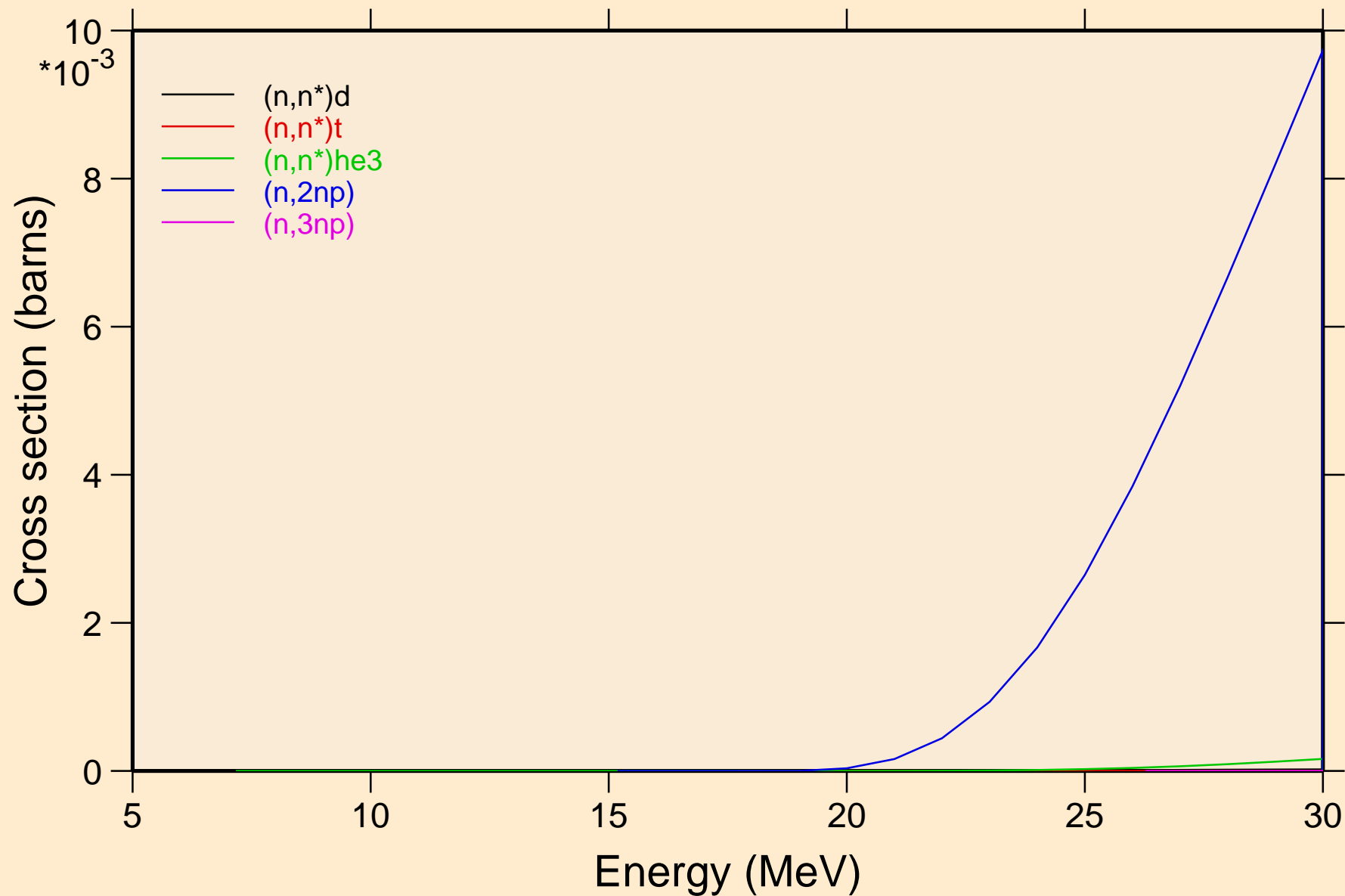


# BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

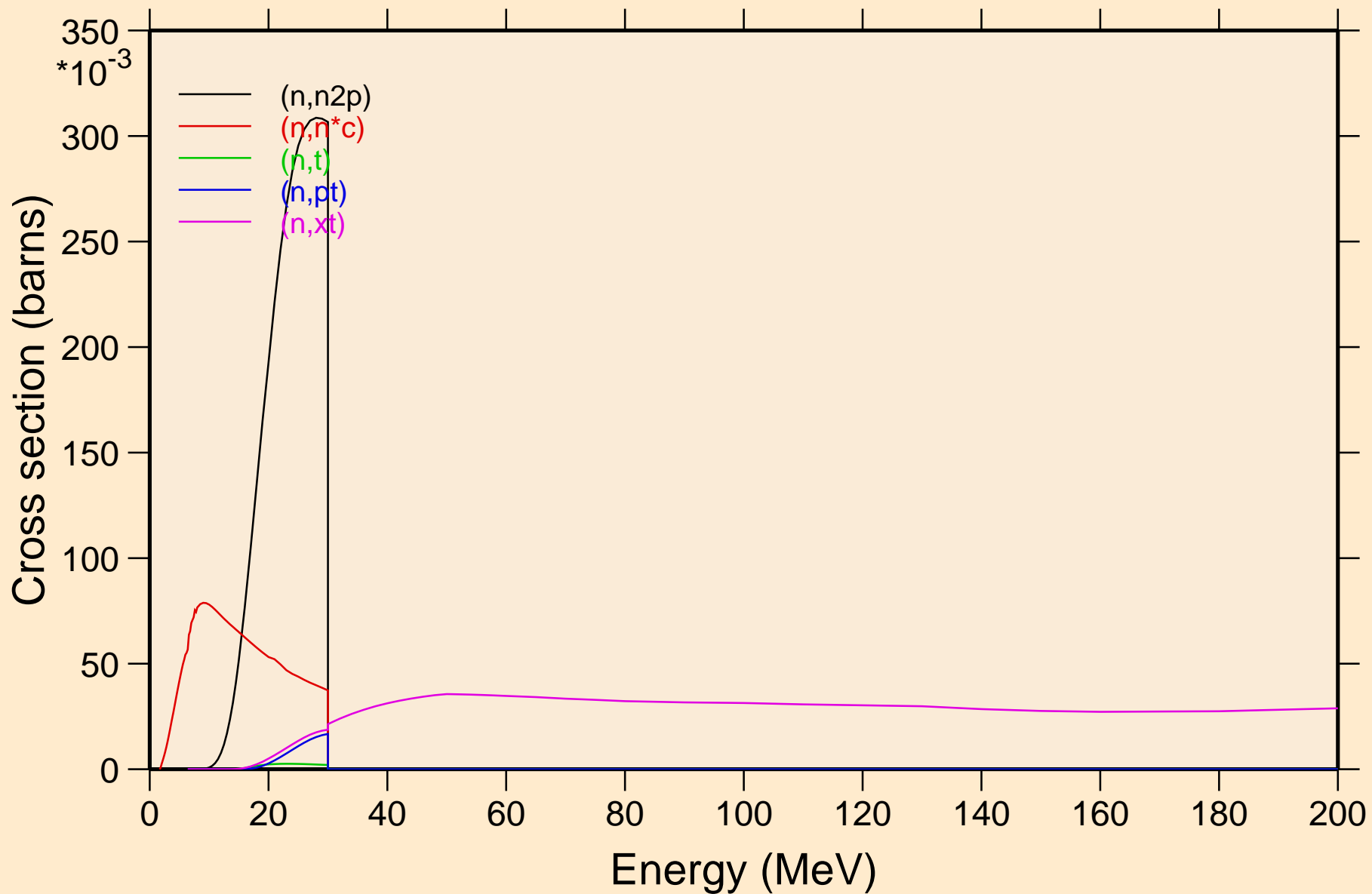


BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

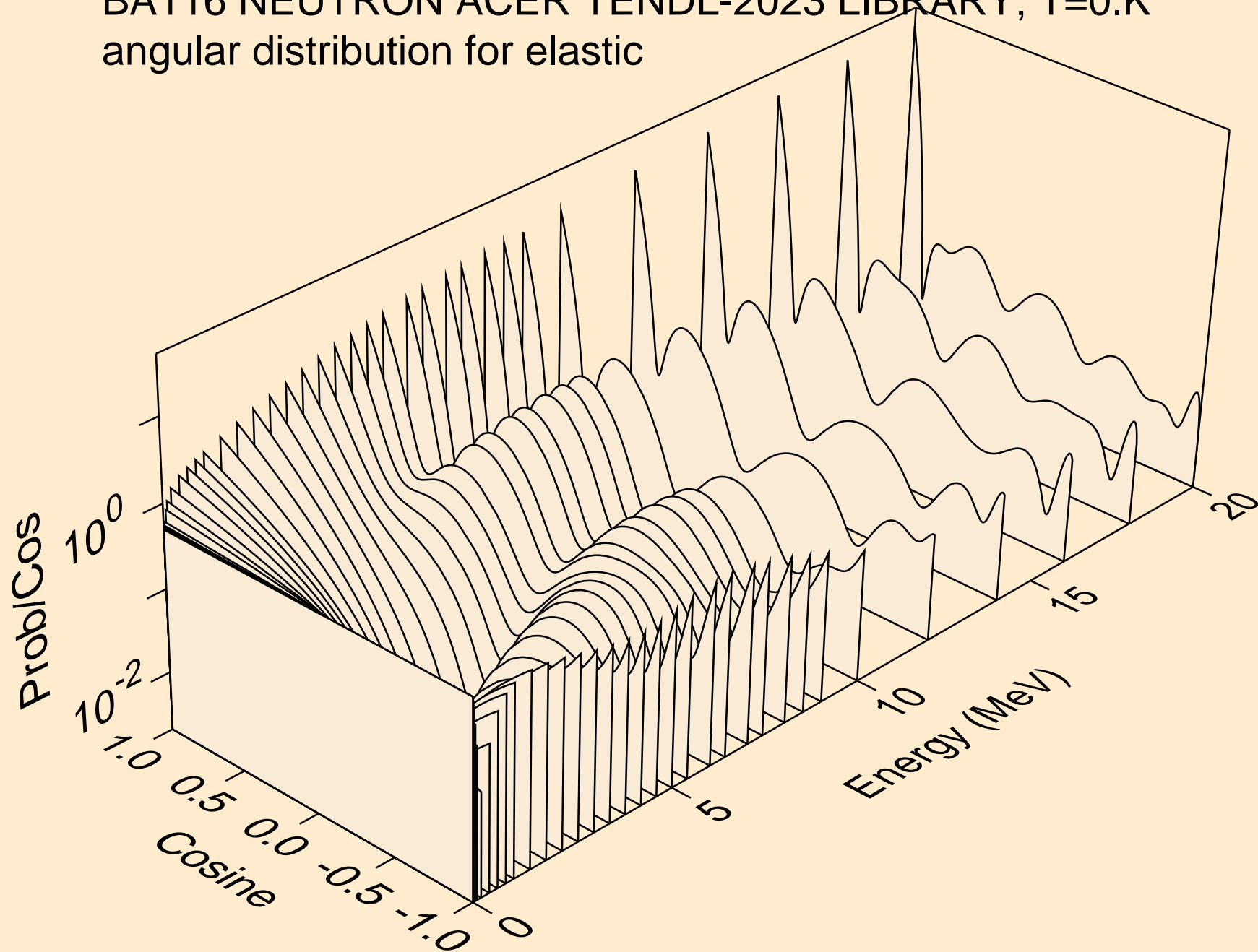


# BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

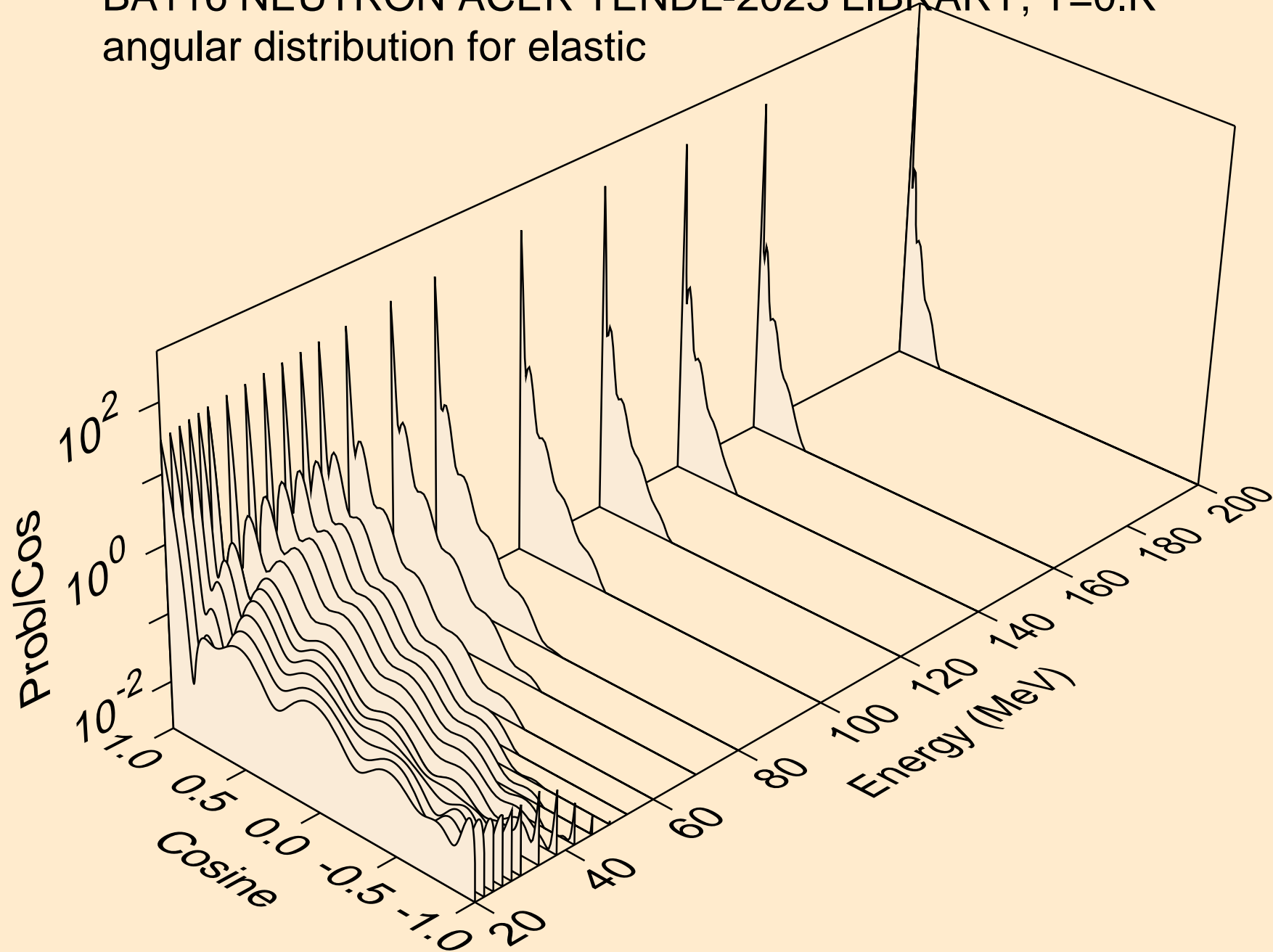
## Threshold reactions



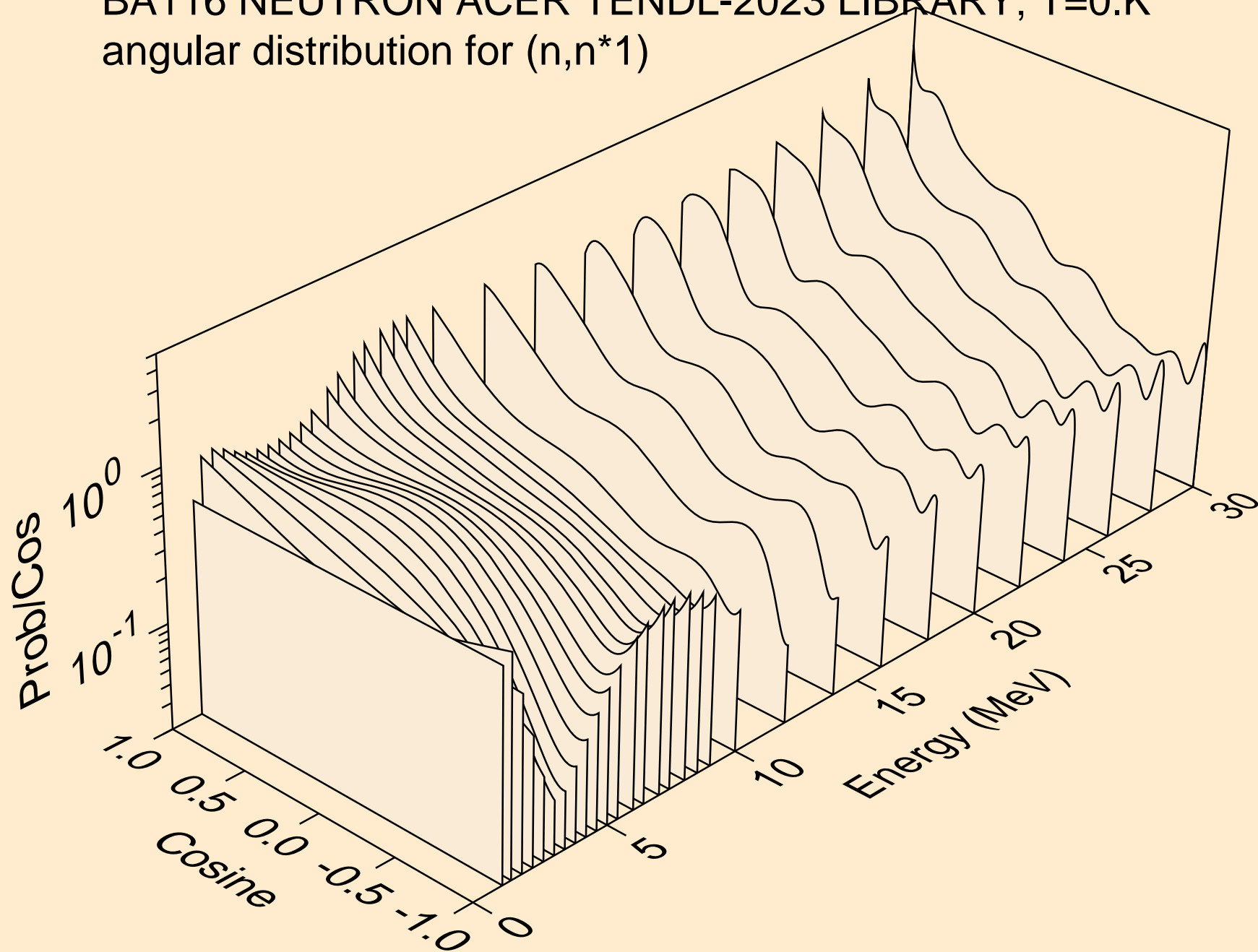
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



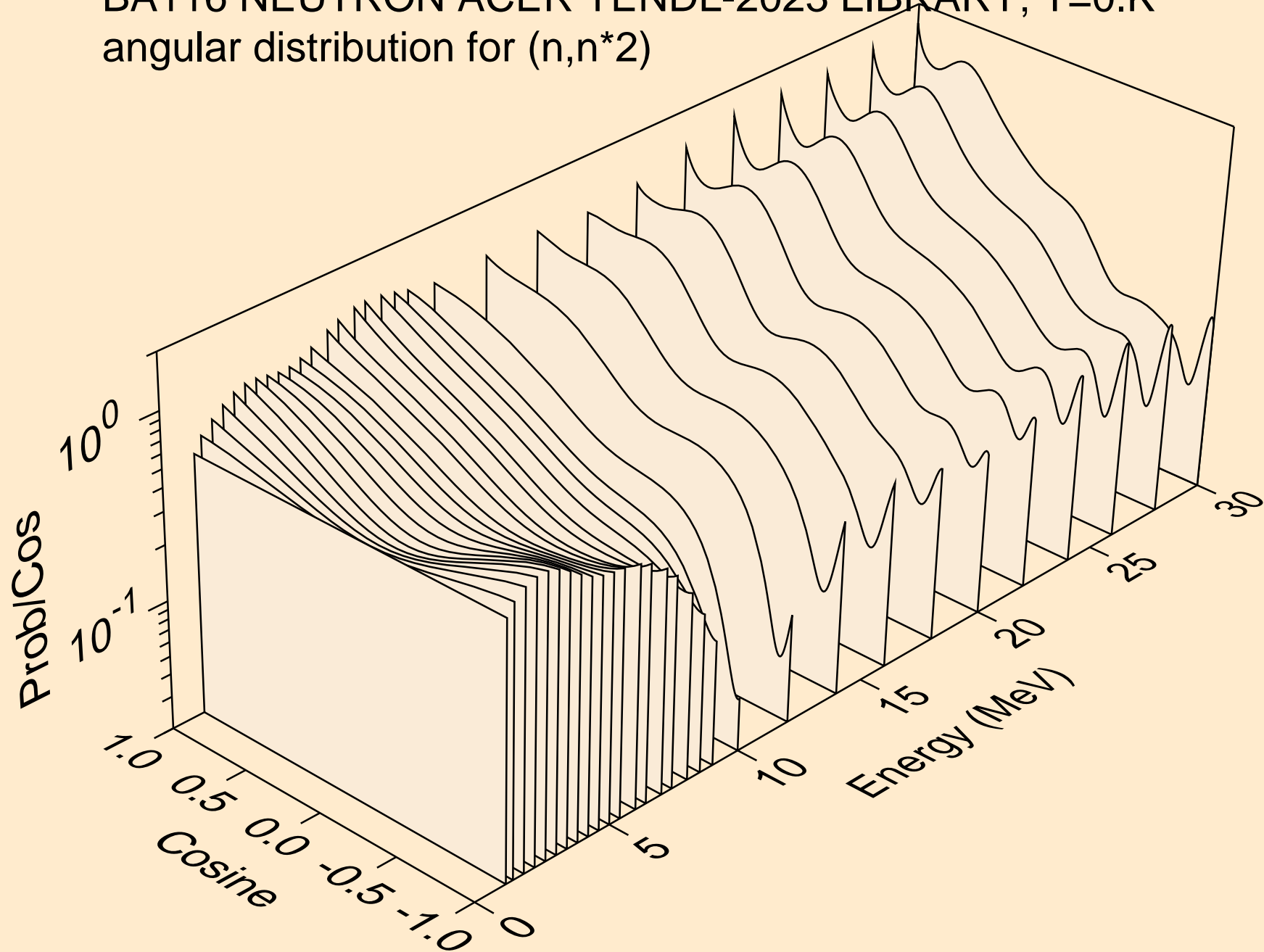
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angular distribution for elastic



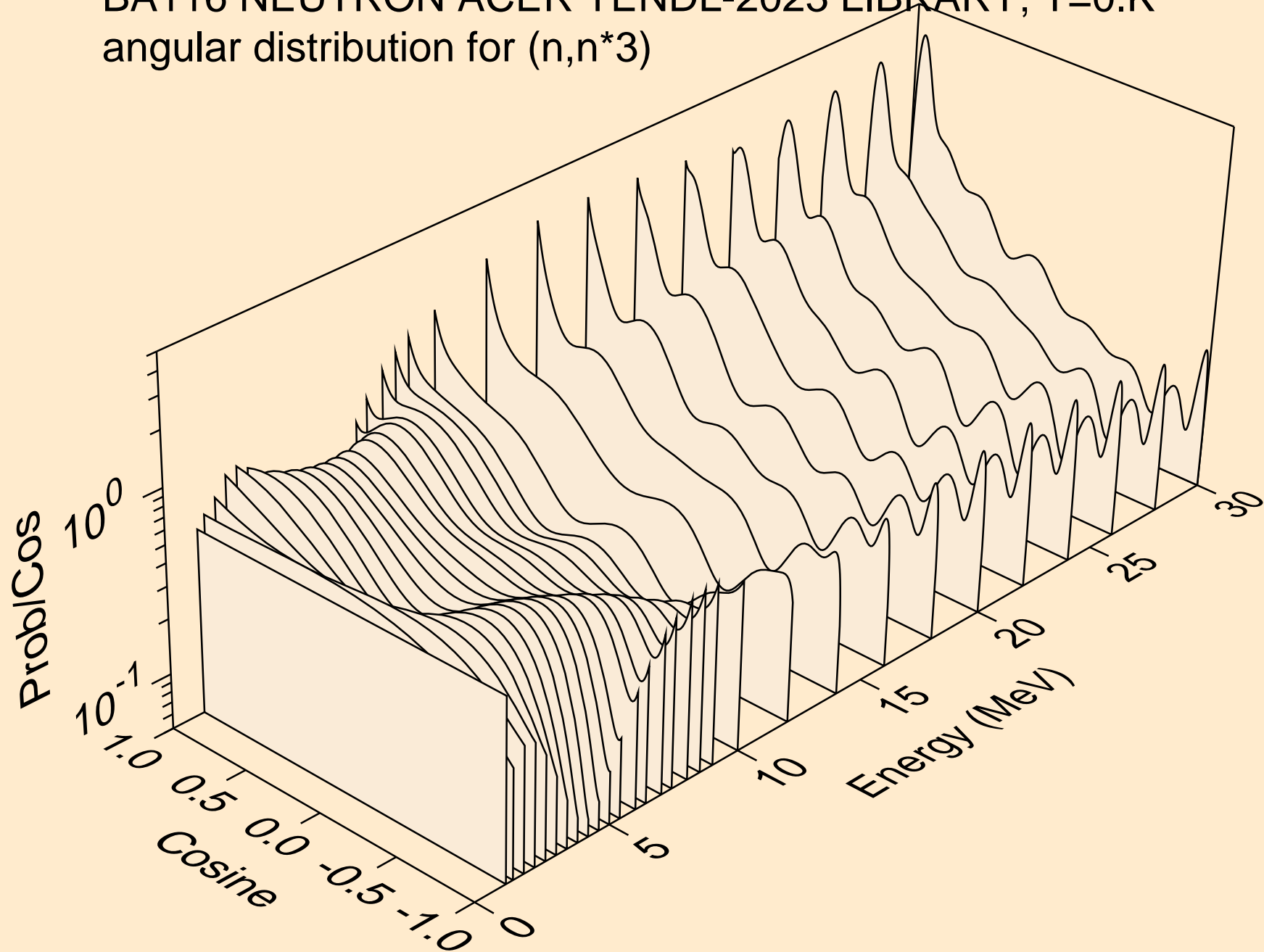
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

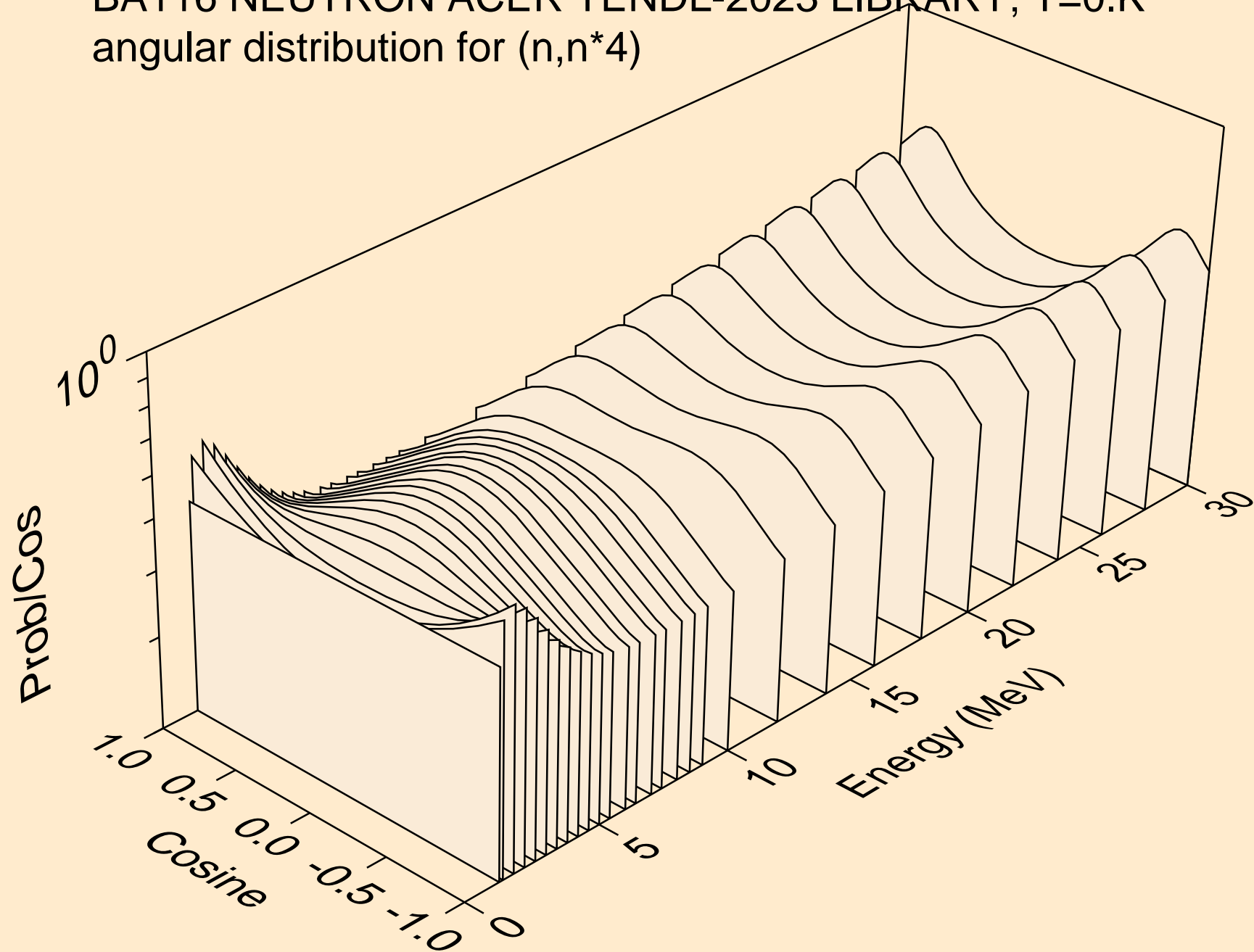


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angular distribution for (n,n\*3)

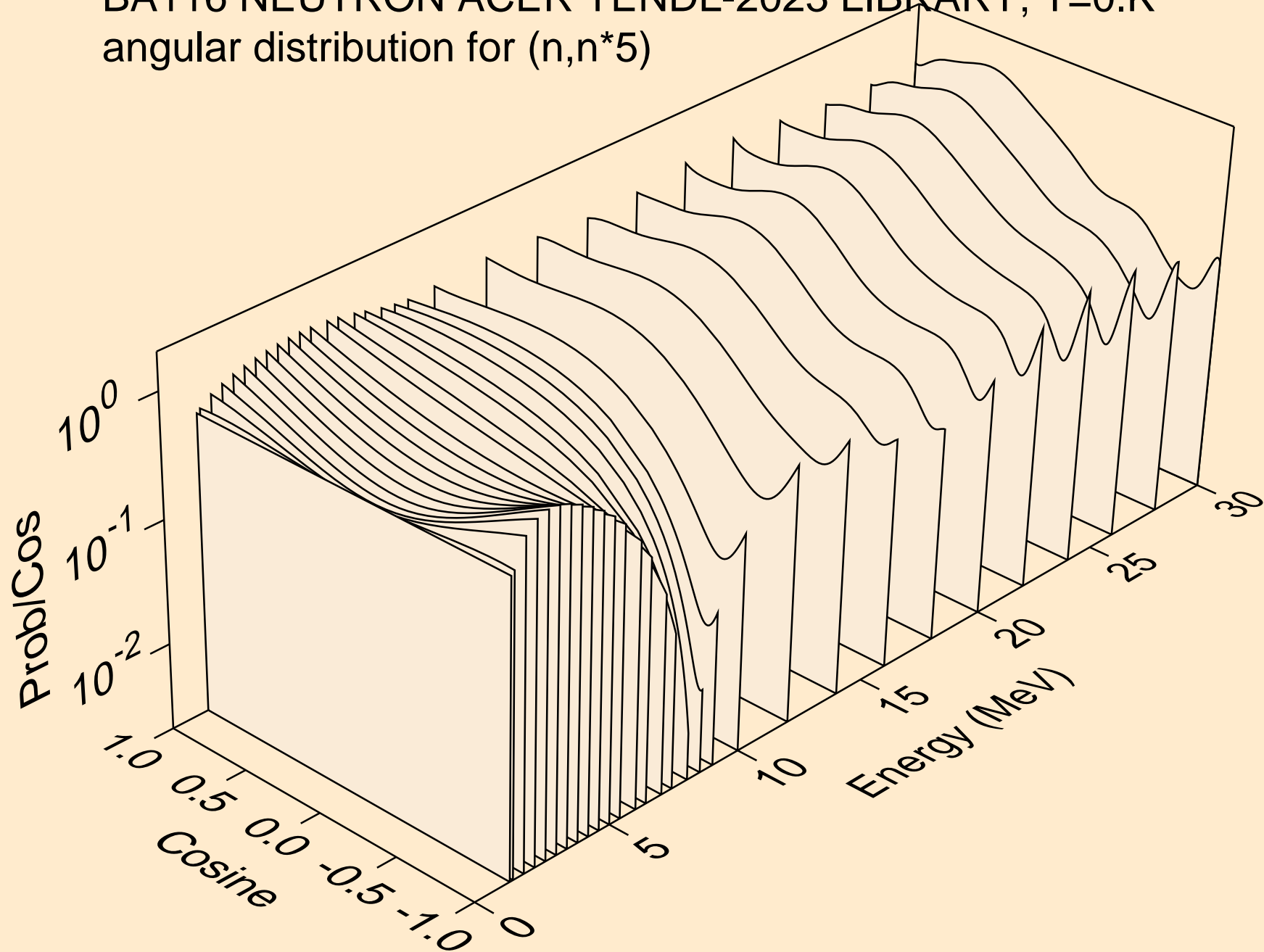




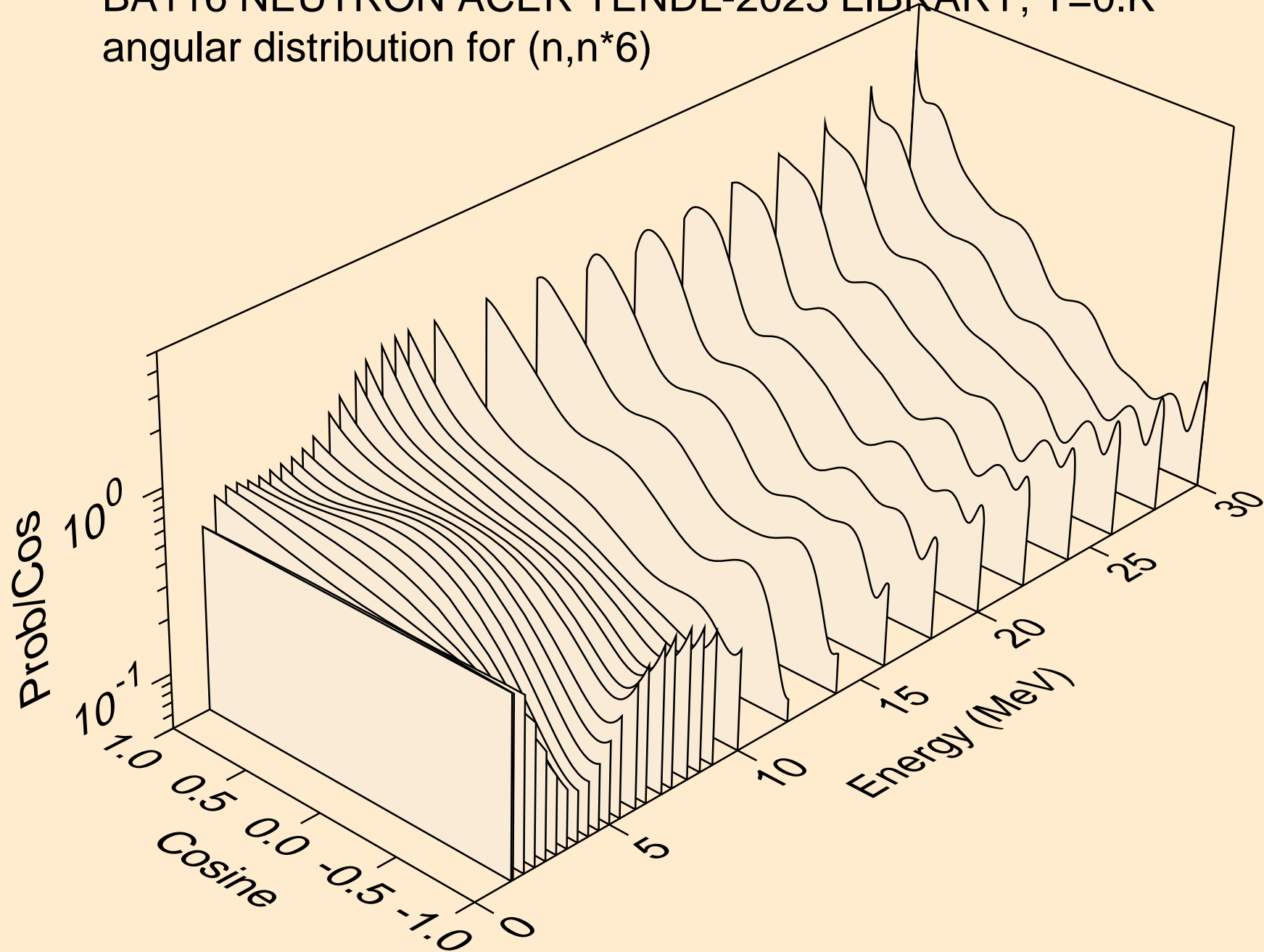
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angular distribution for (n,n\*4)



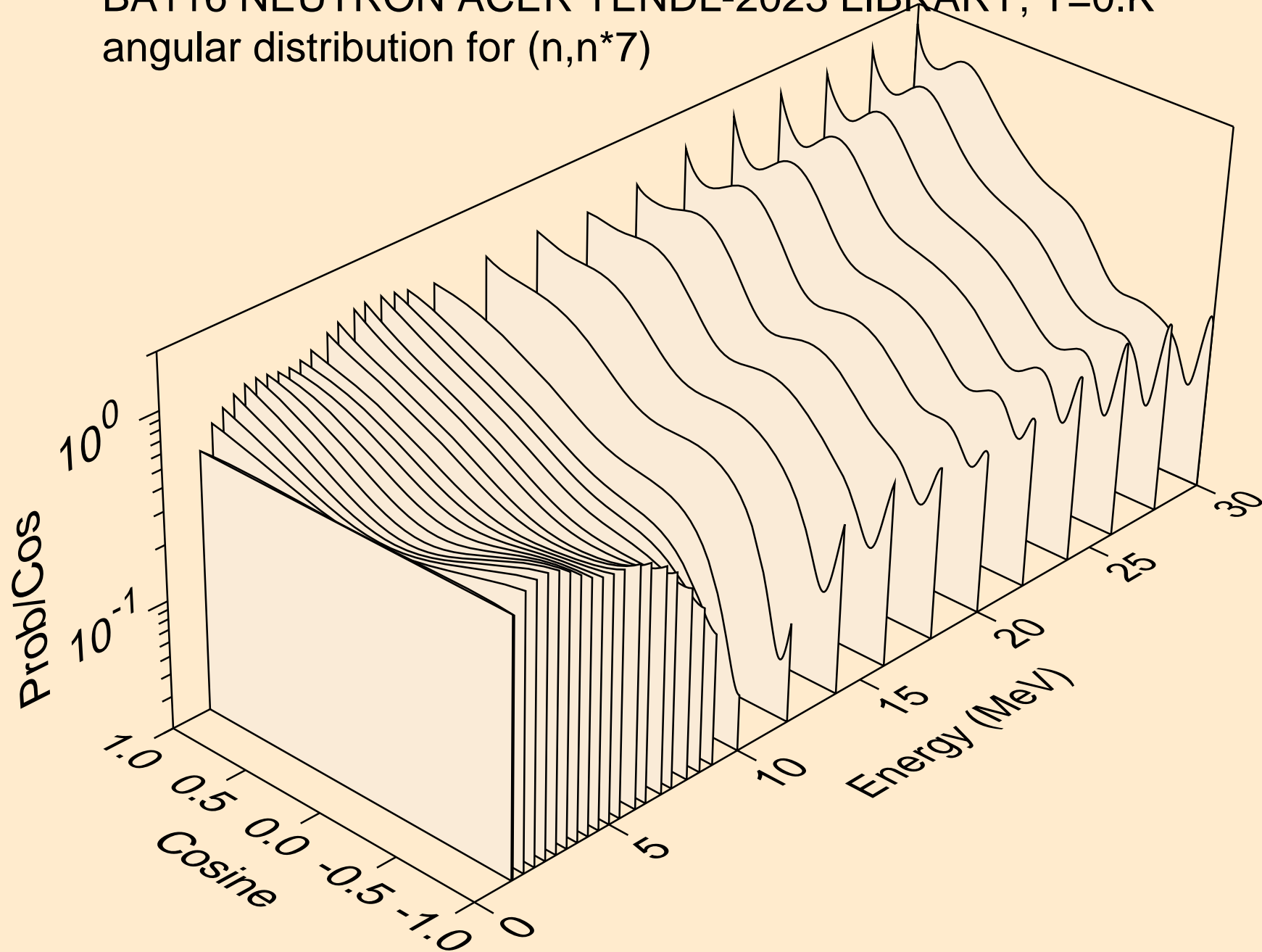
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angular distribution for (n,n\*5)



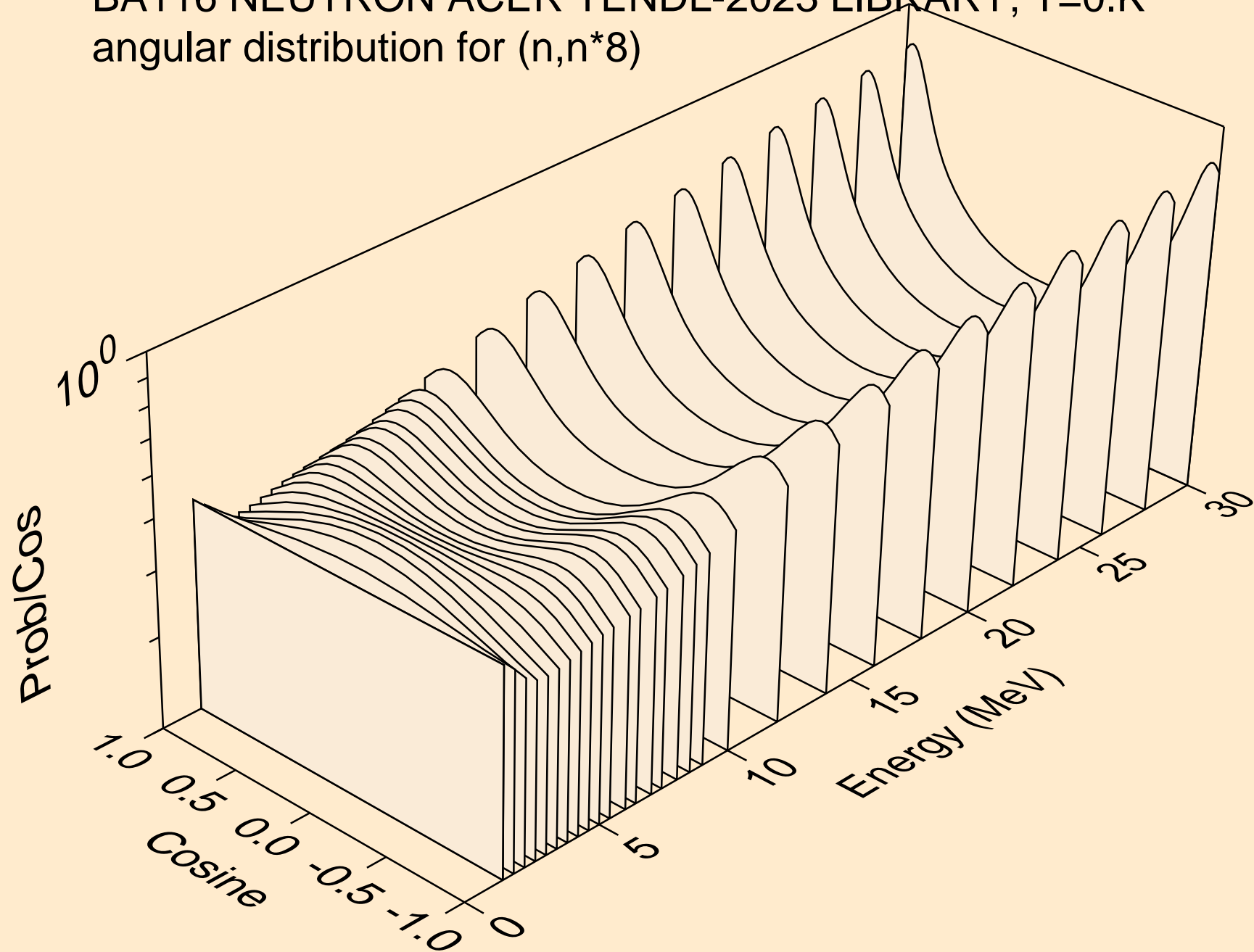
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angular distribution for (n,n\*6)



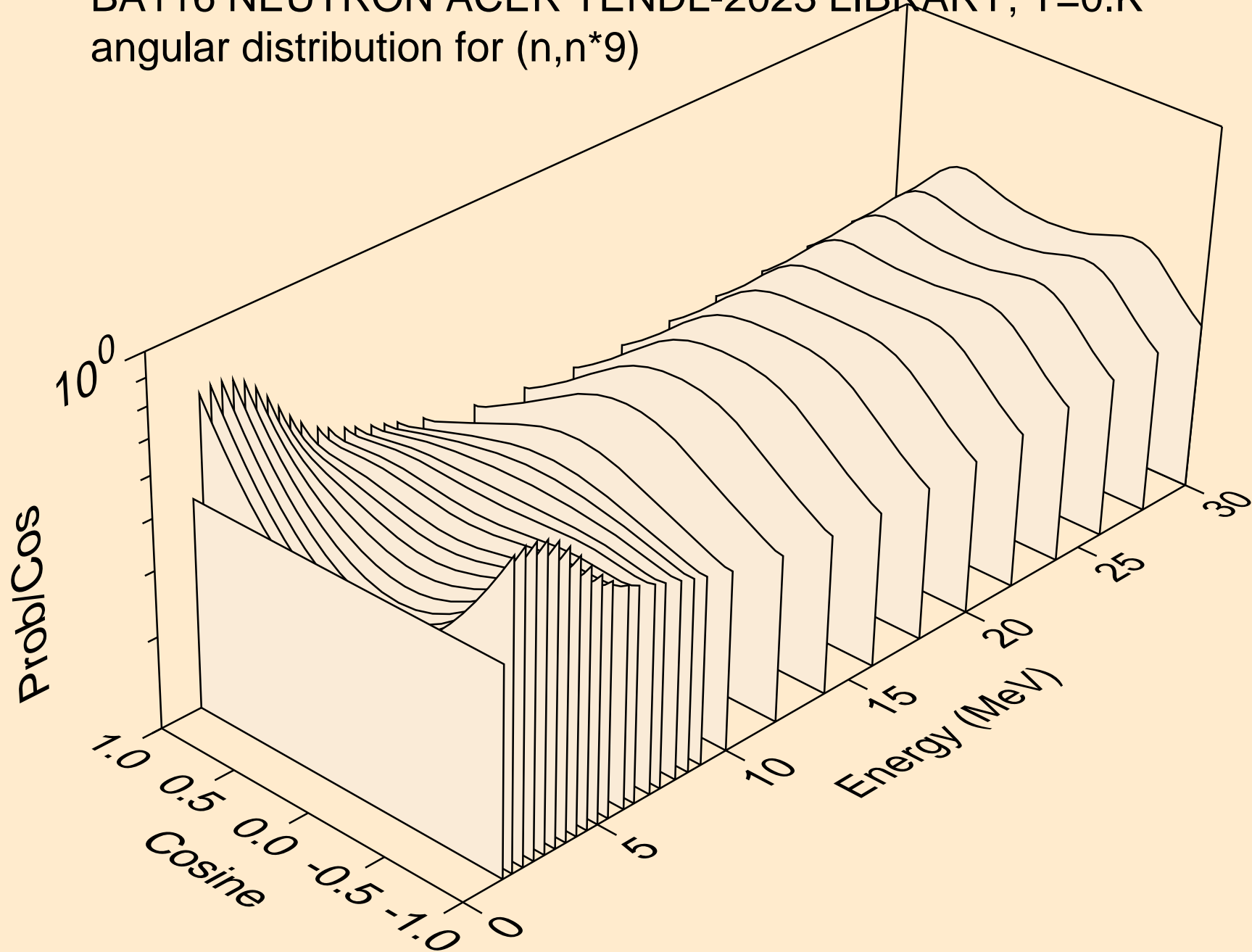
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angular distribution for (n,n\*7)



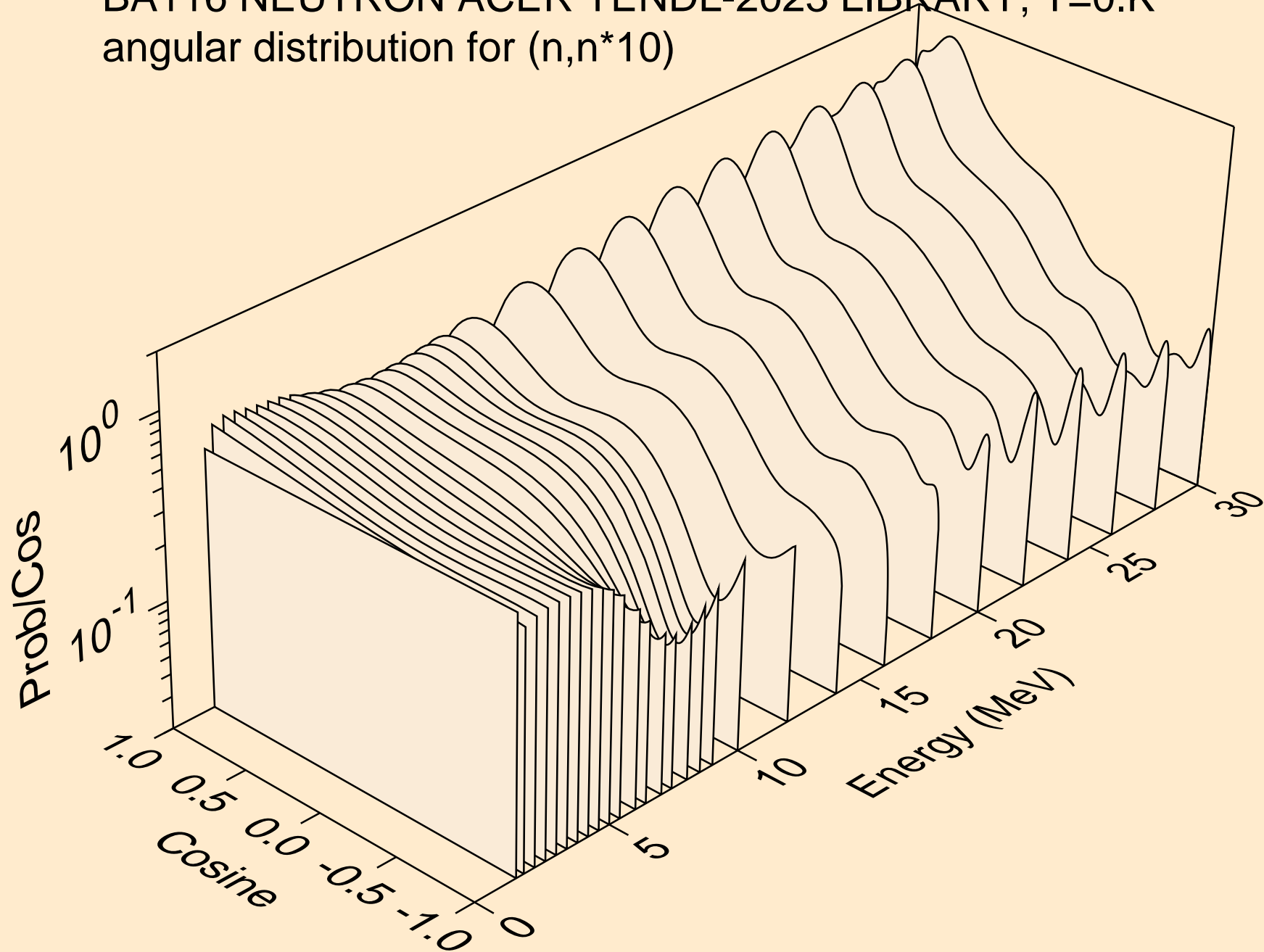
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angular distribution for (n,n\*8)



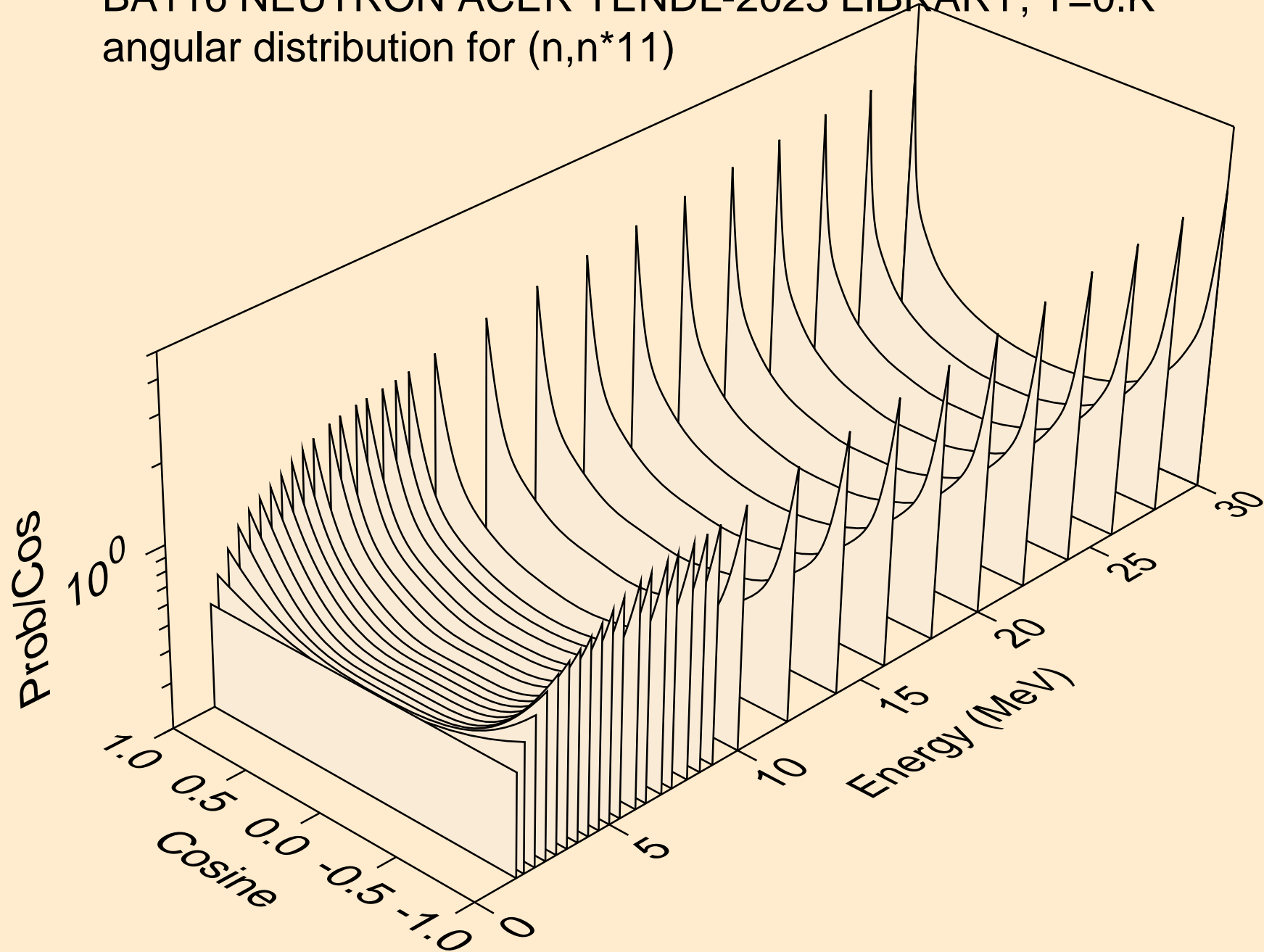
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

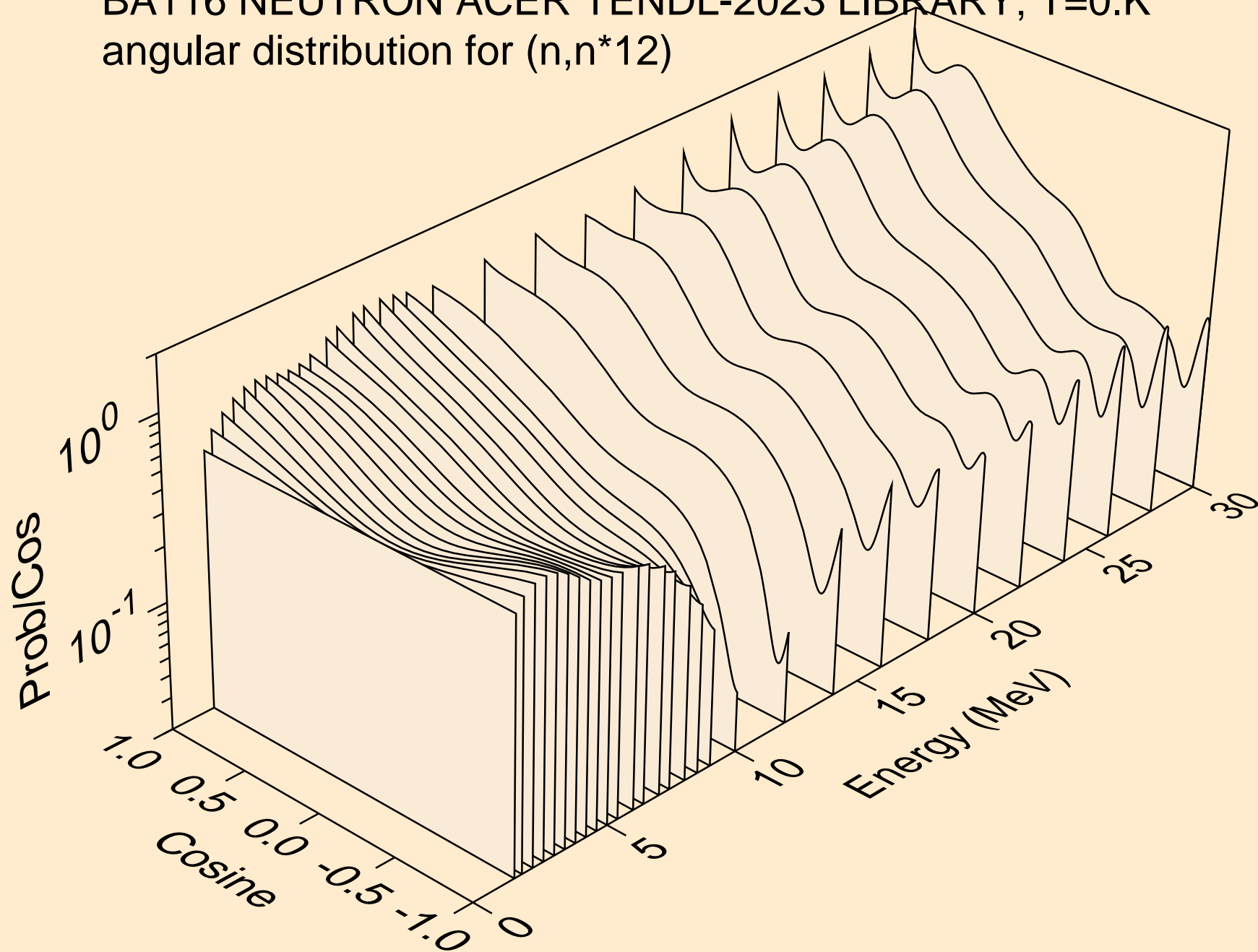


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angular distribution for (n,n\*11)

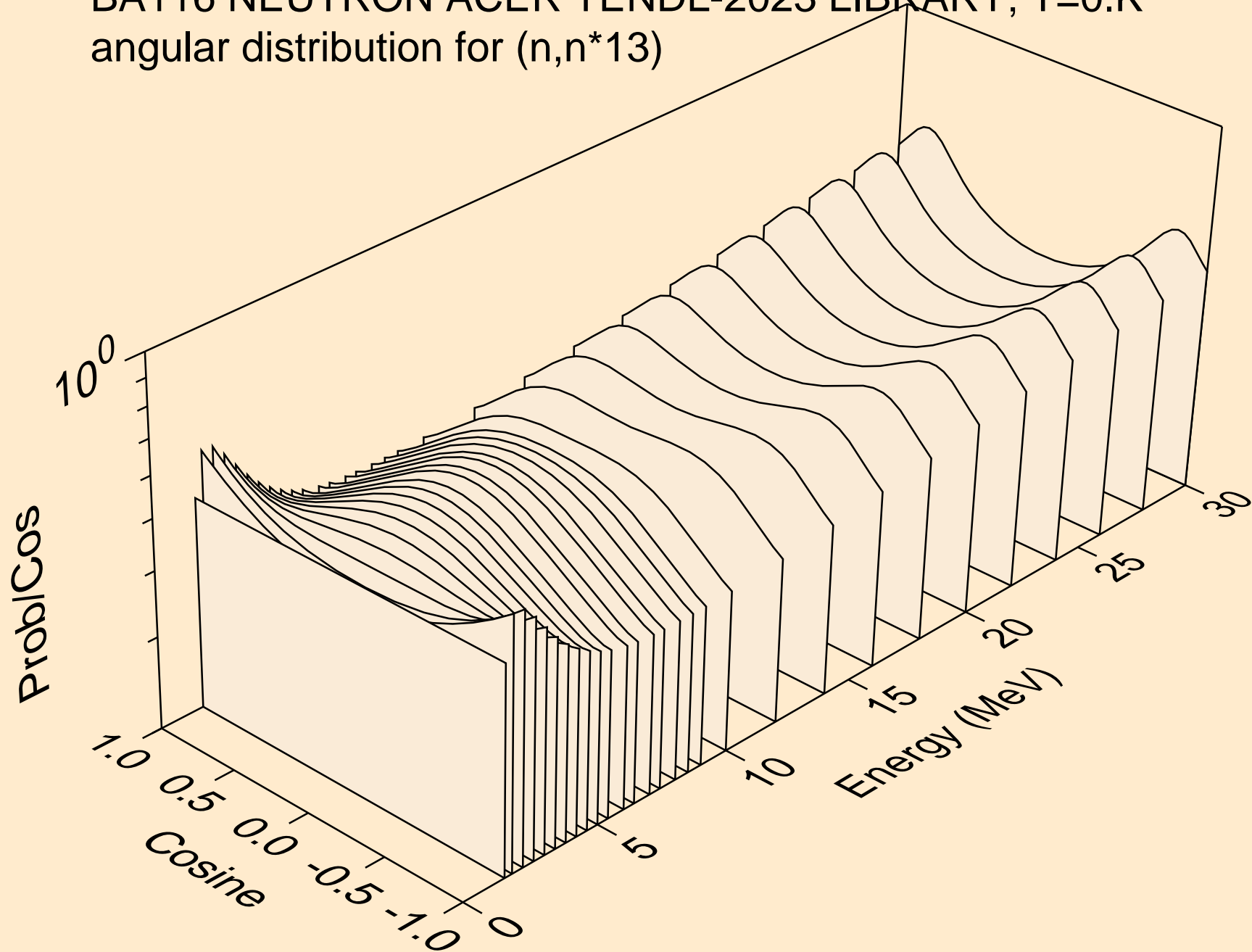




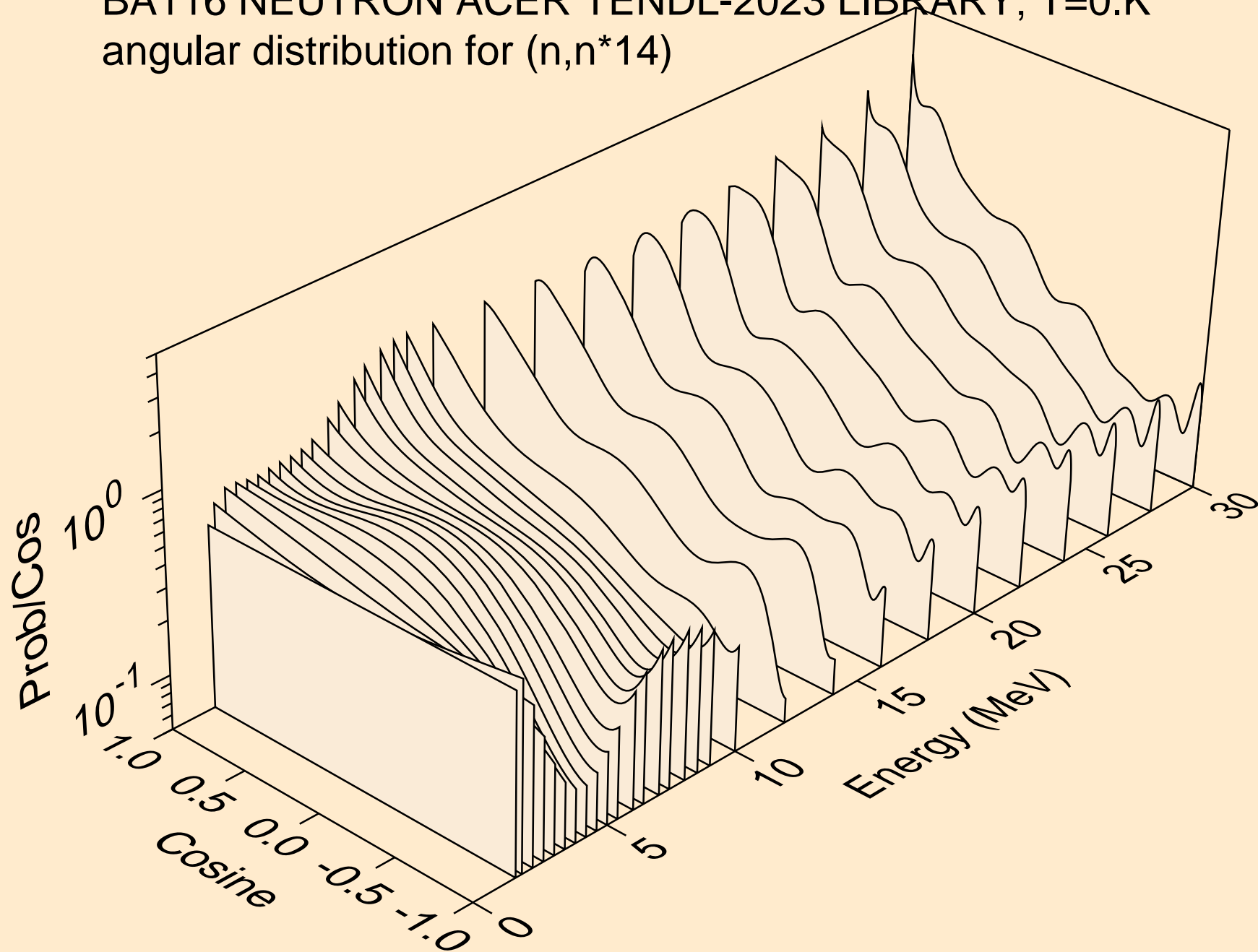
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angular distribution for (n,n\*12)



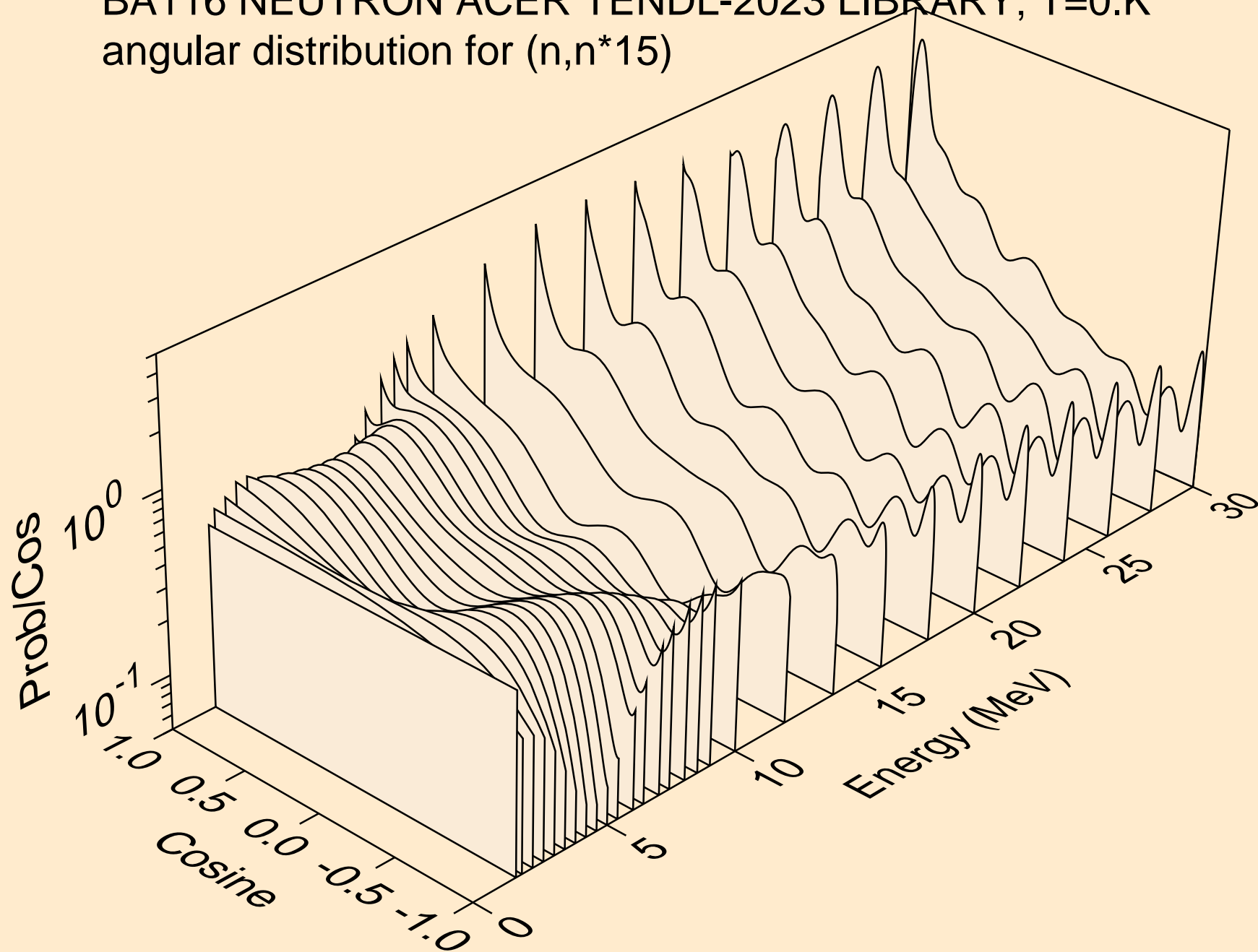
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angular distribution for (n,n\*13)



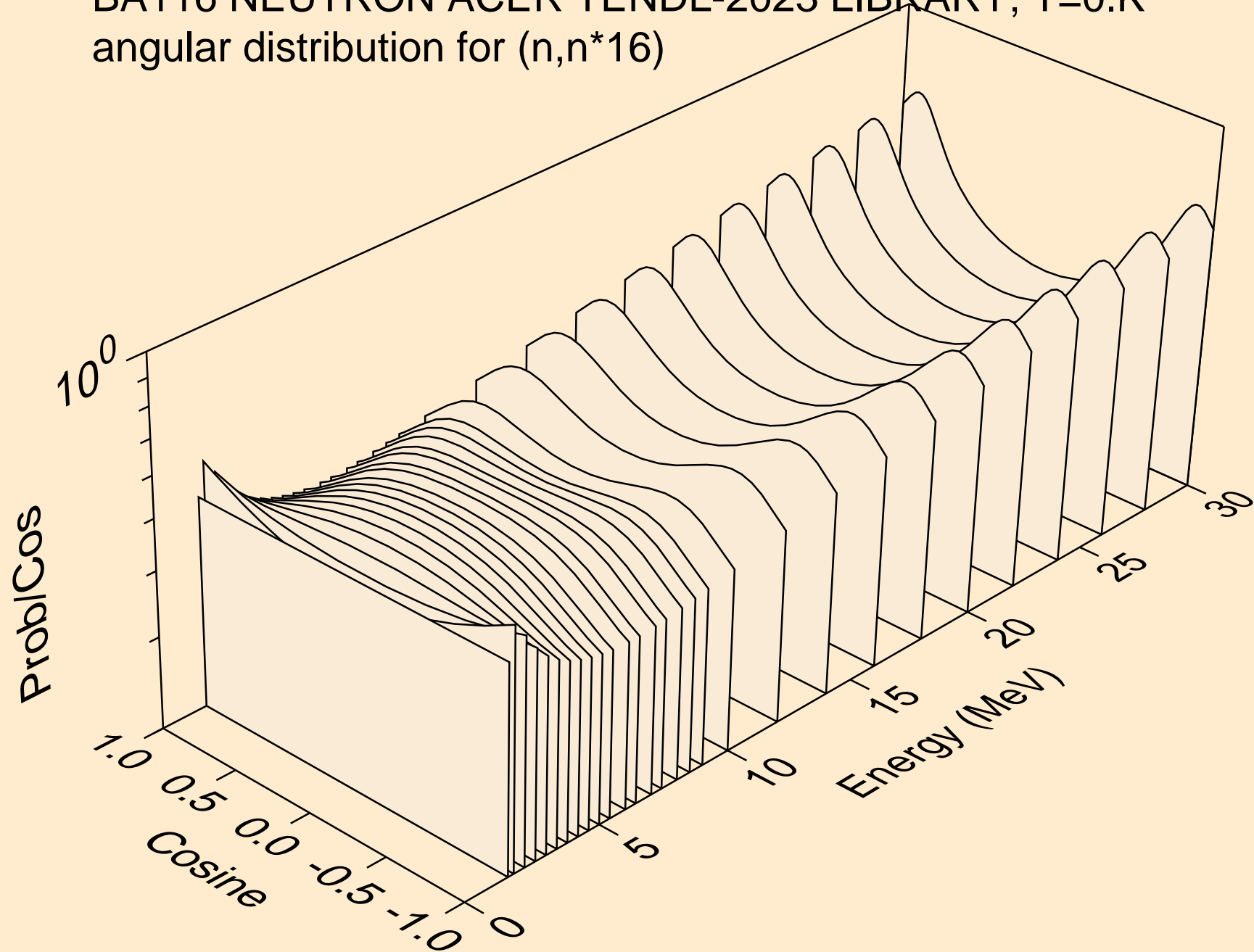
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angular distribution for (n,n\*14)



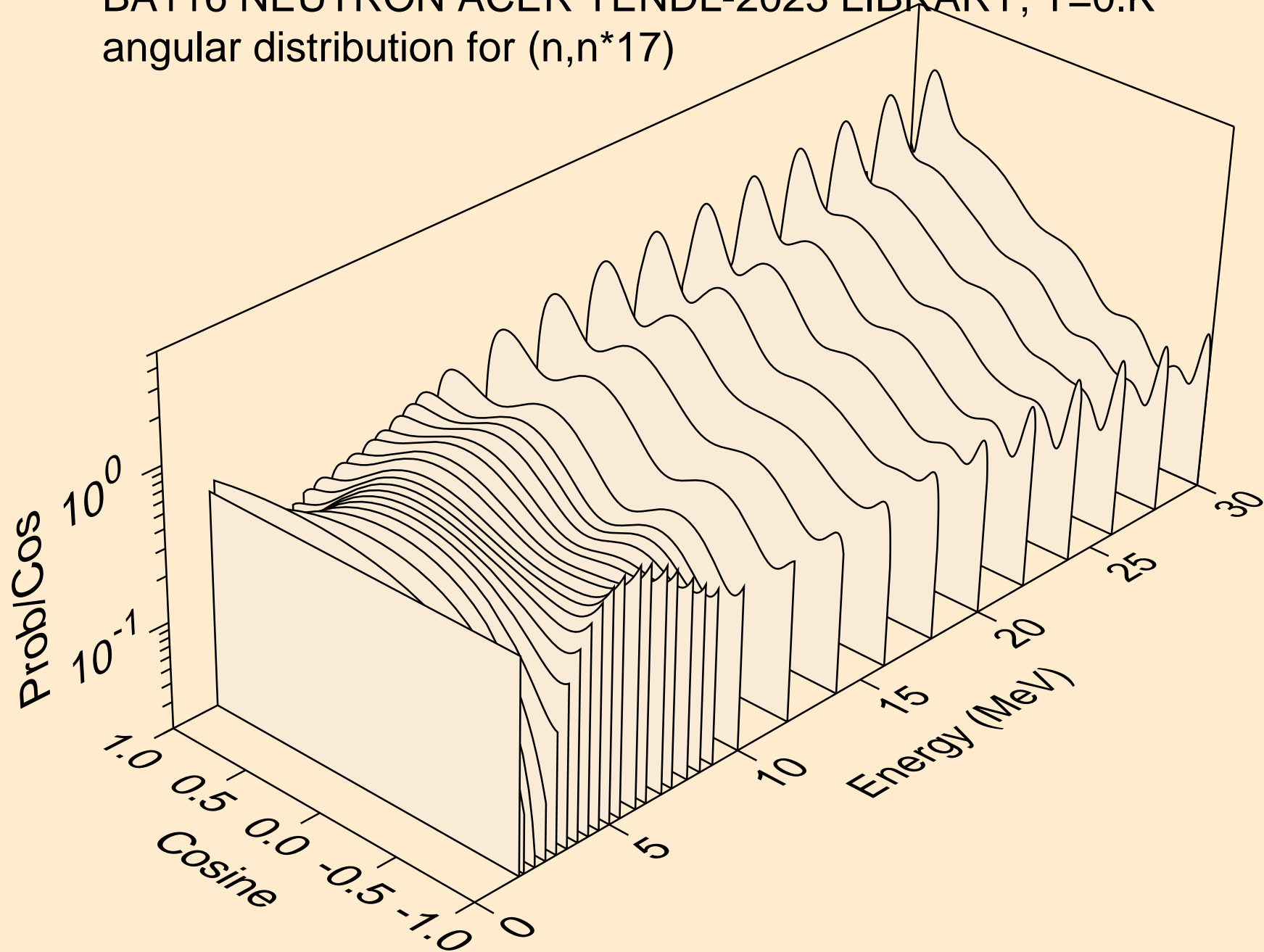
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angular distribution for (n,n\*15)



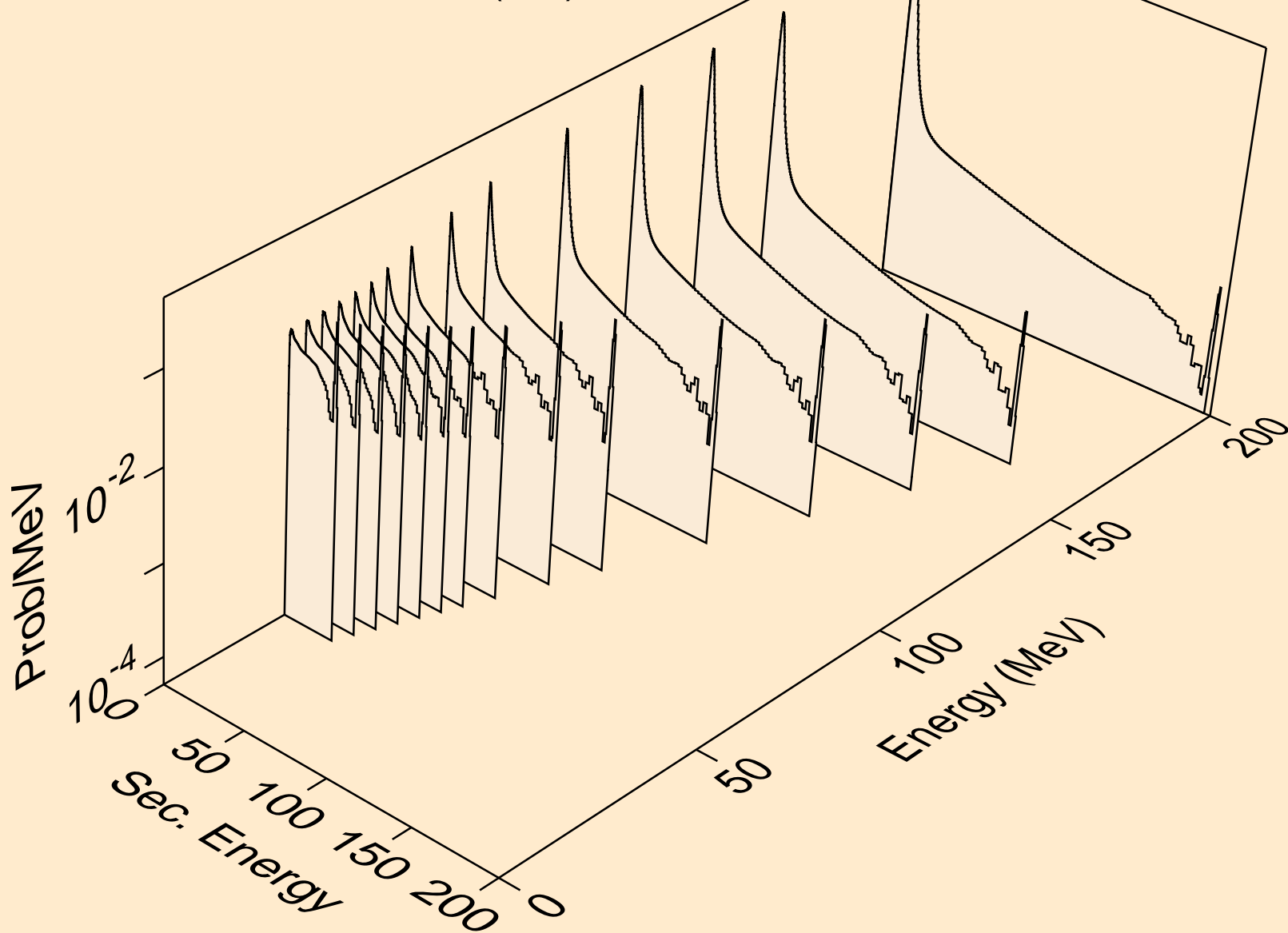
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angular distribution for (n,n\*16)



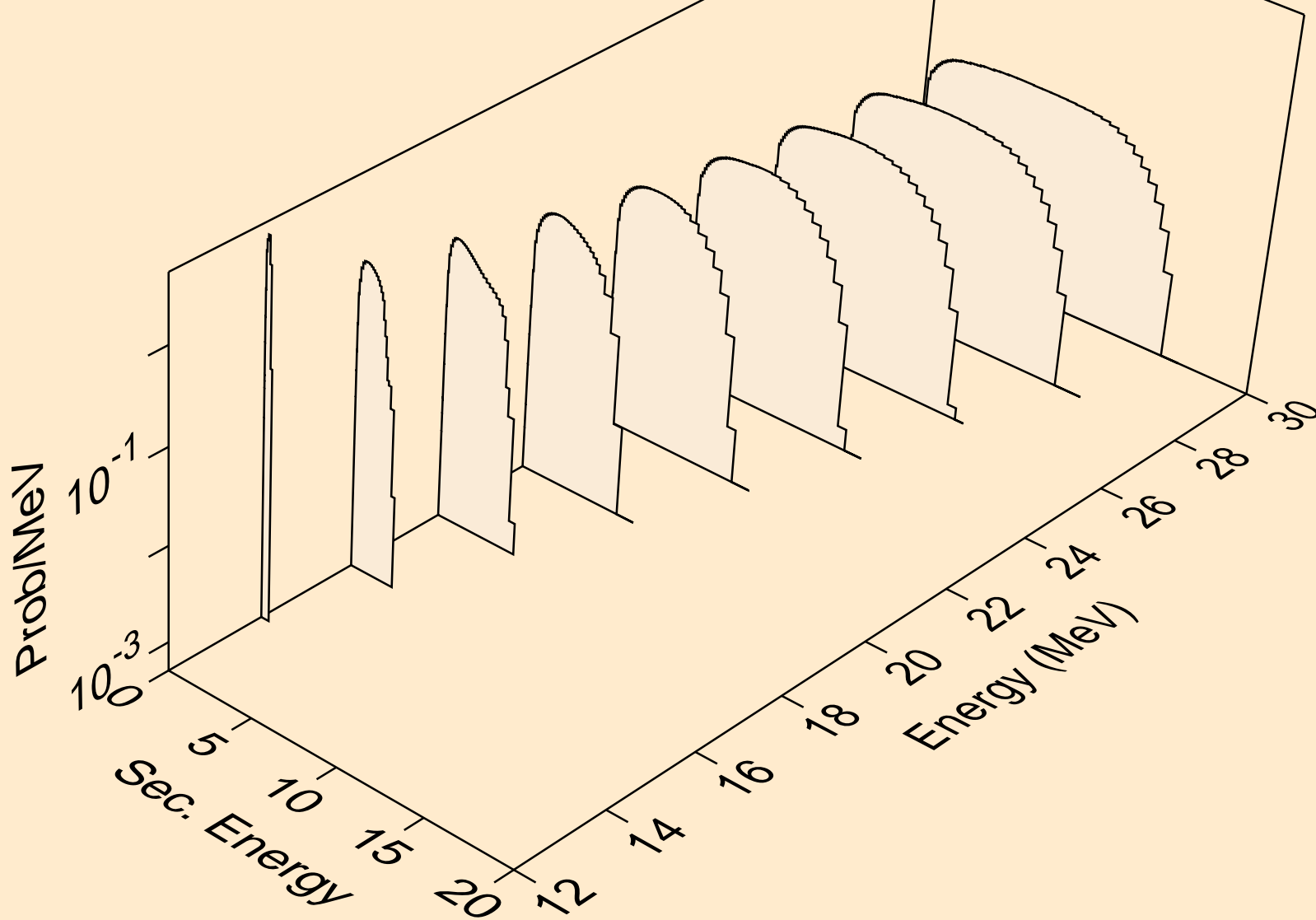
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

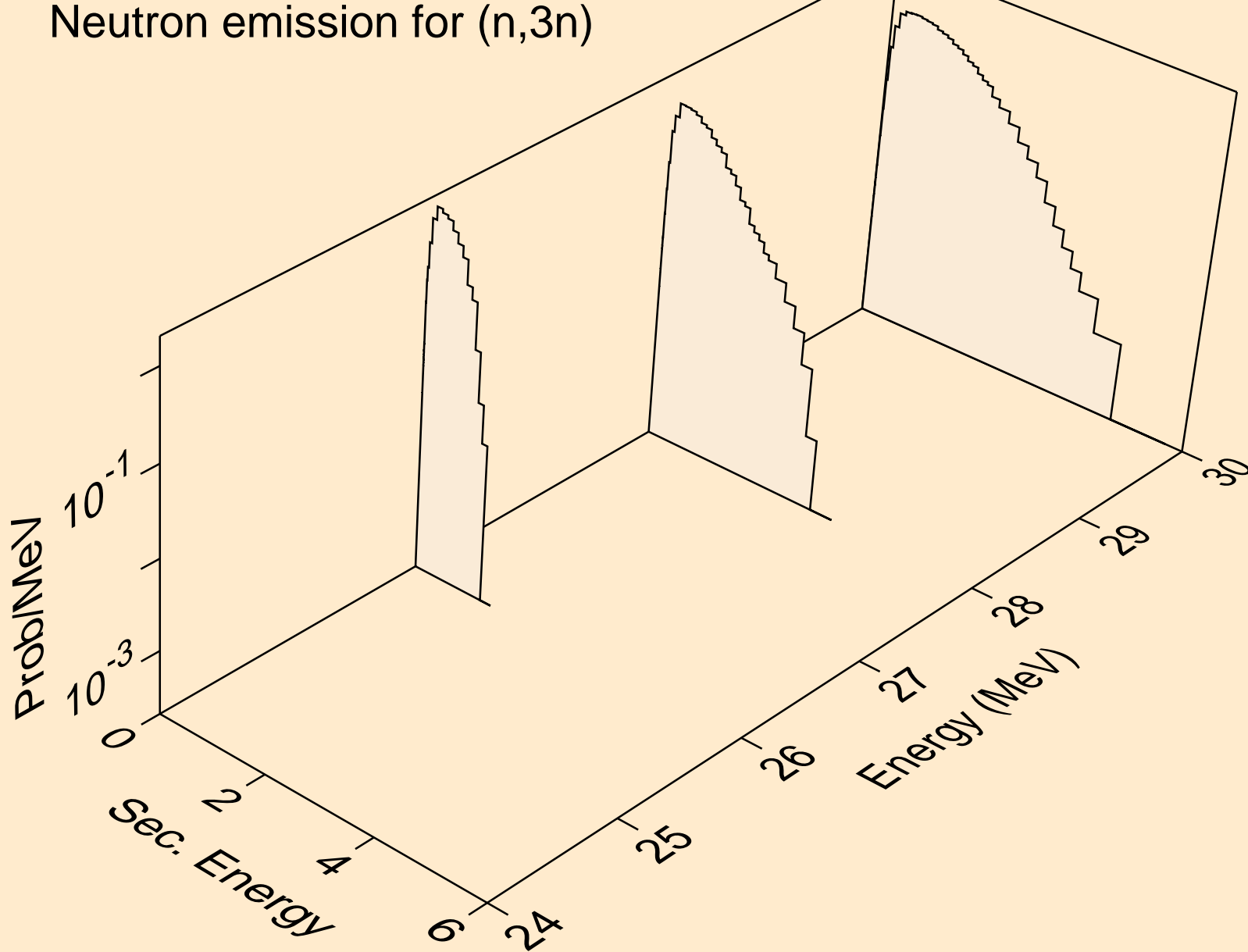


BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

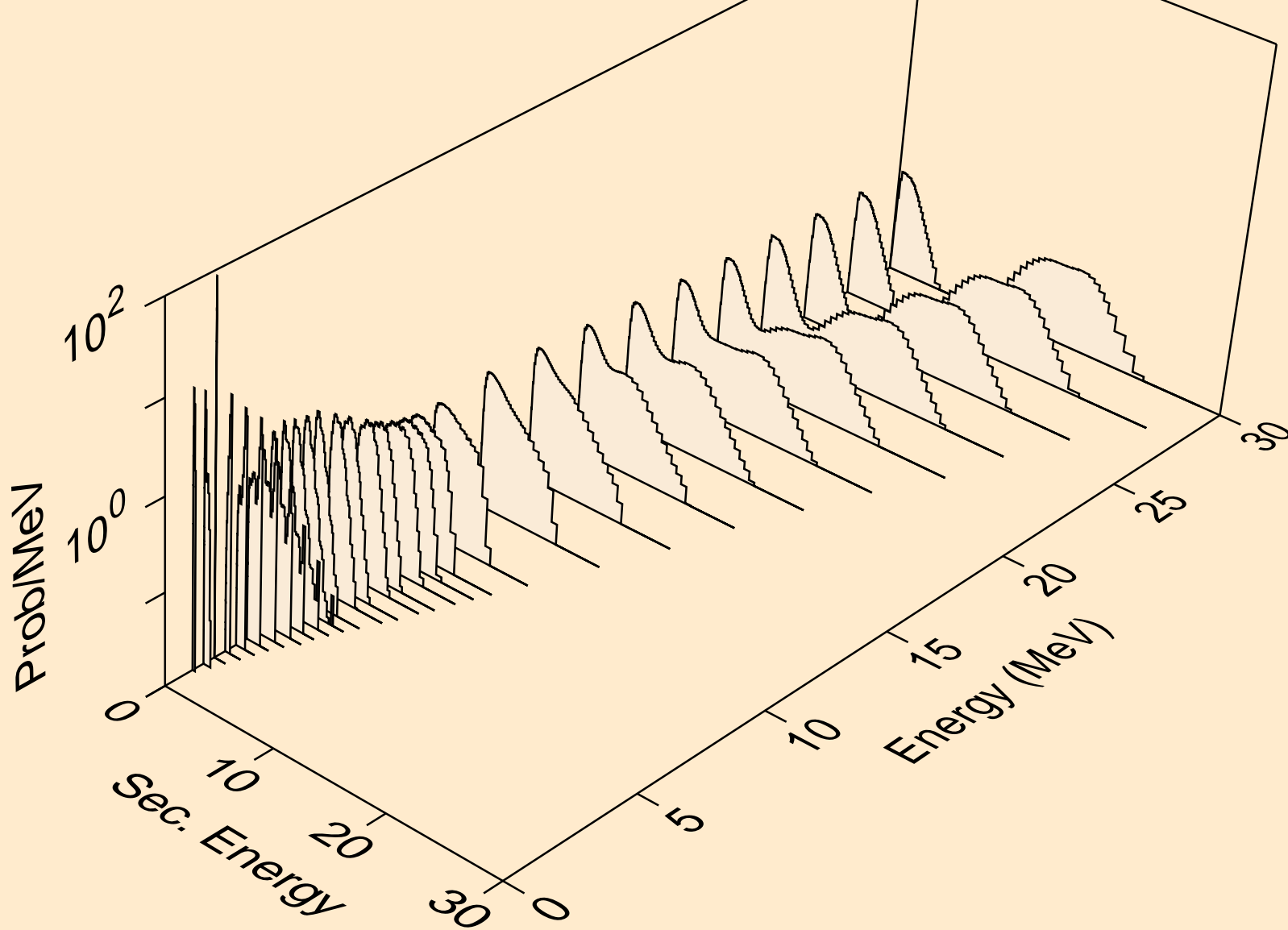




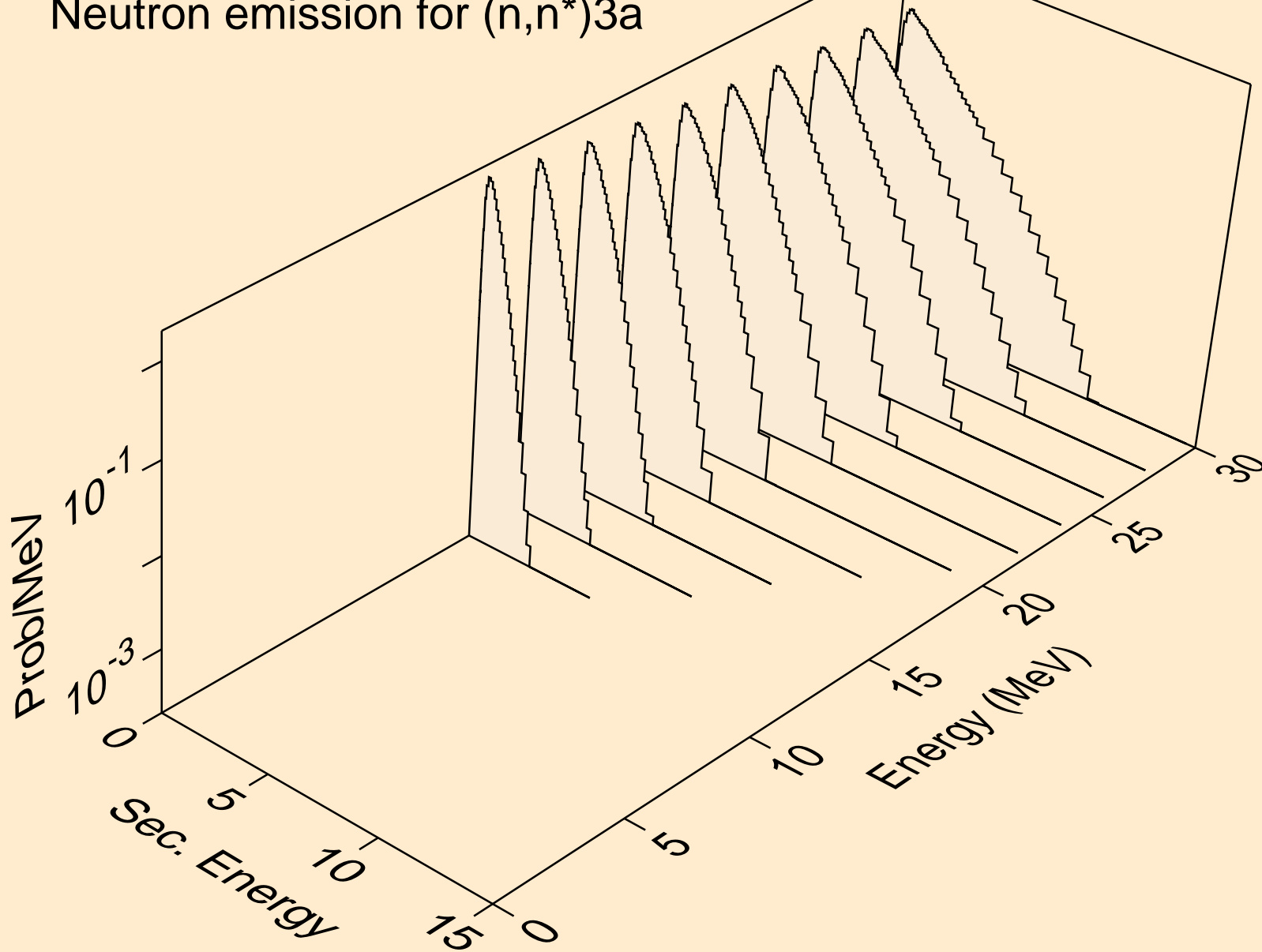
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Neutron emission for (n,3n)



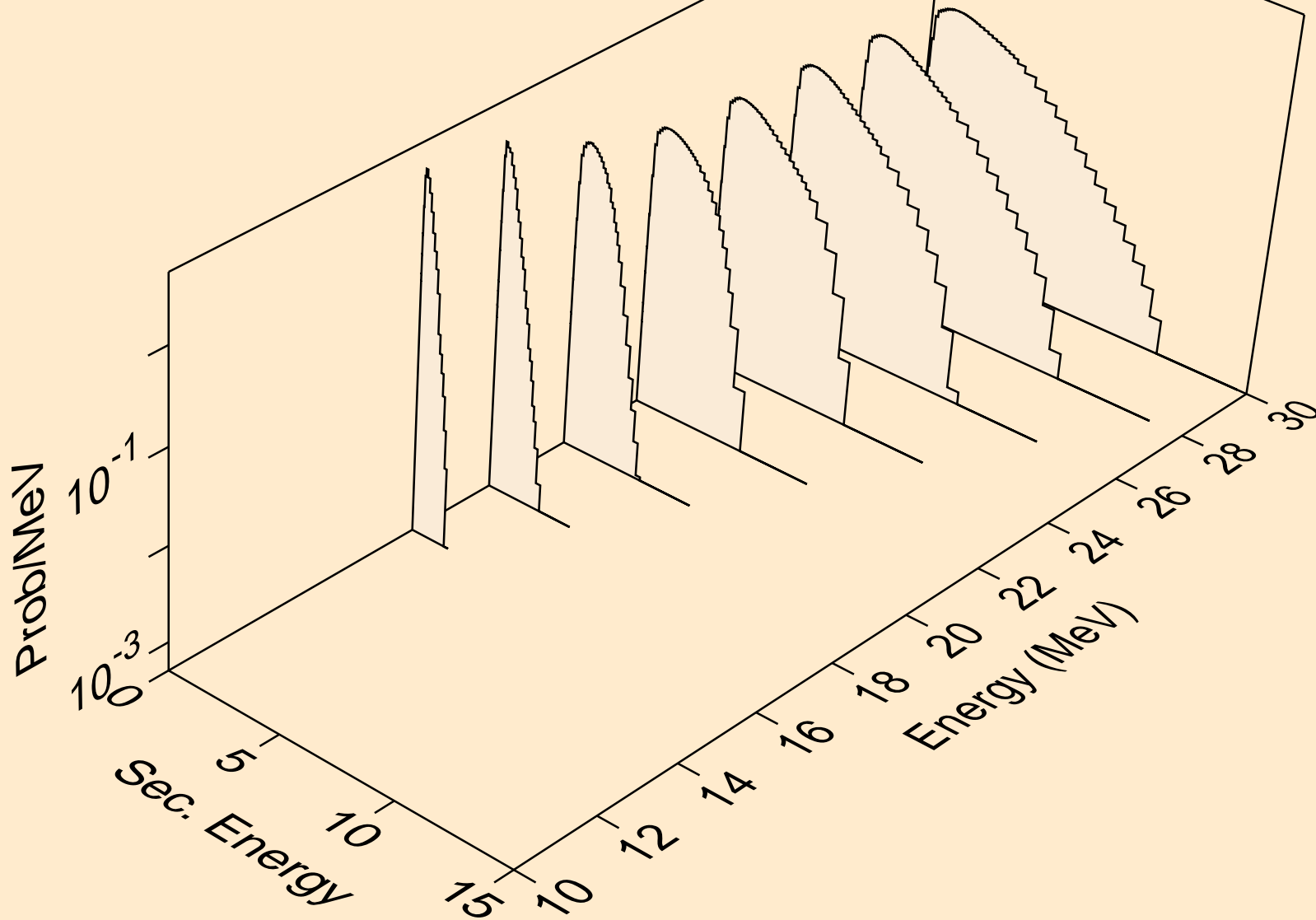
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



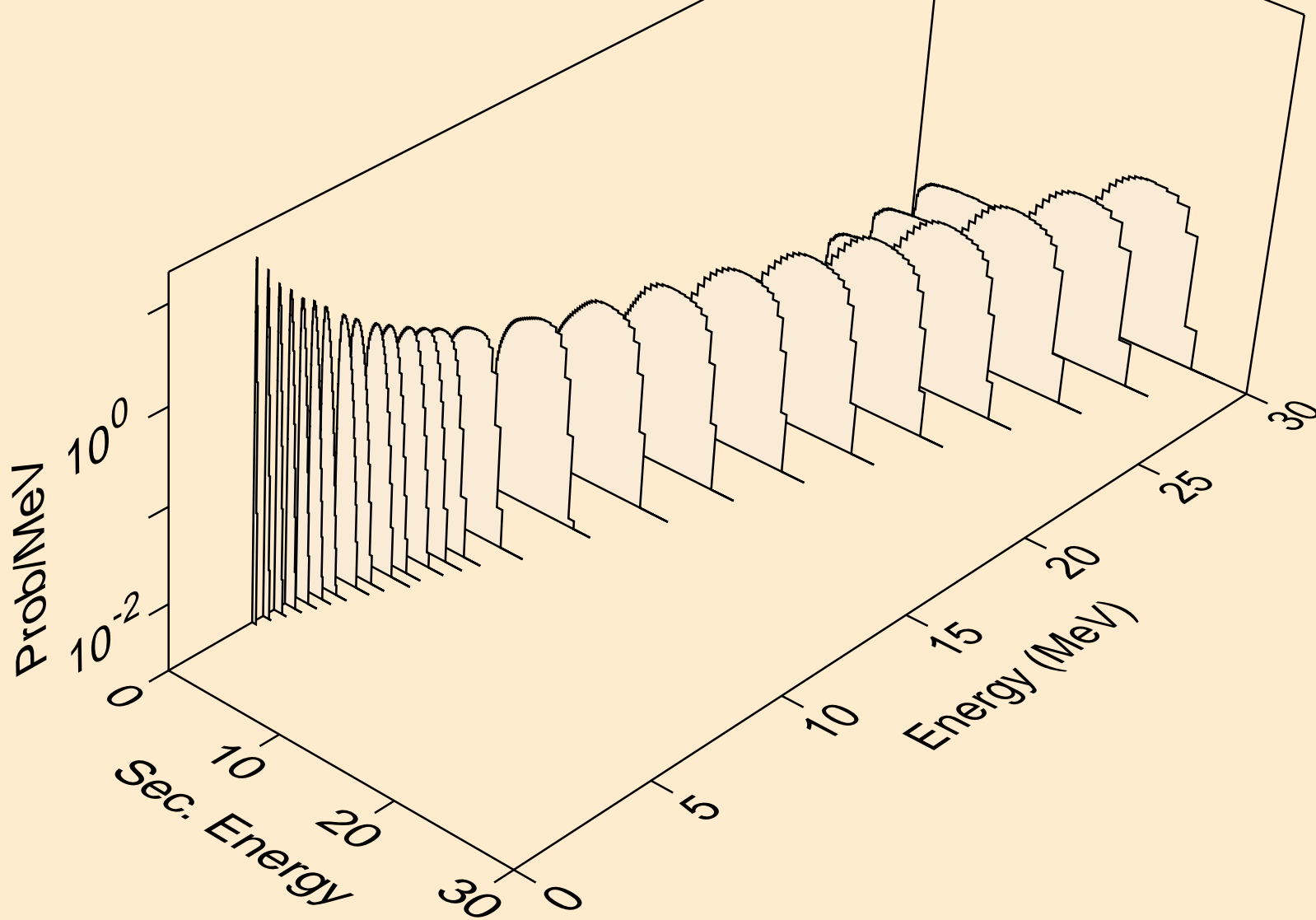
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Neutron emission for (n,n\*)3a



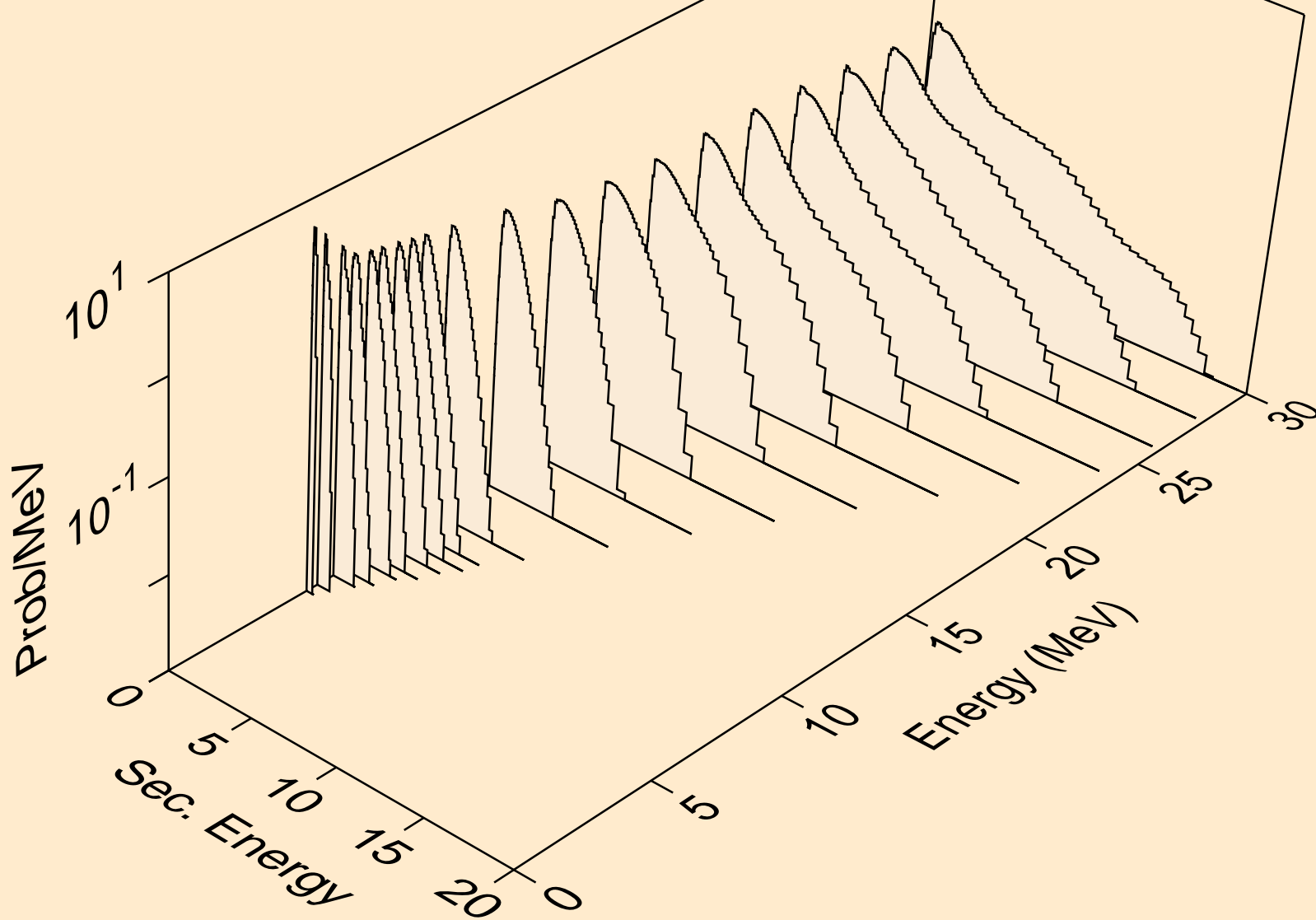
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Neutron emission for (n,2n)a



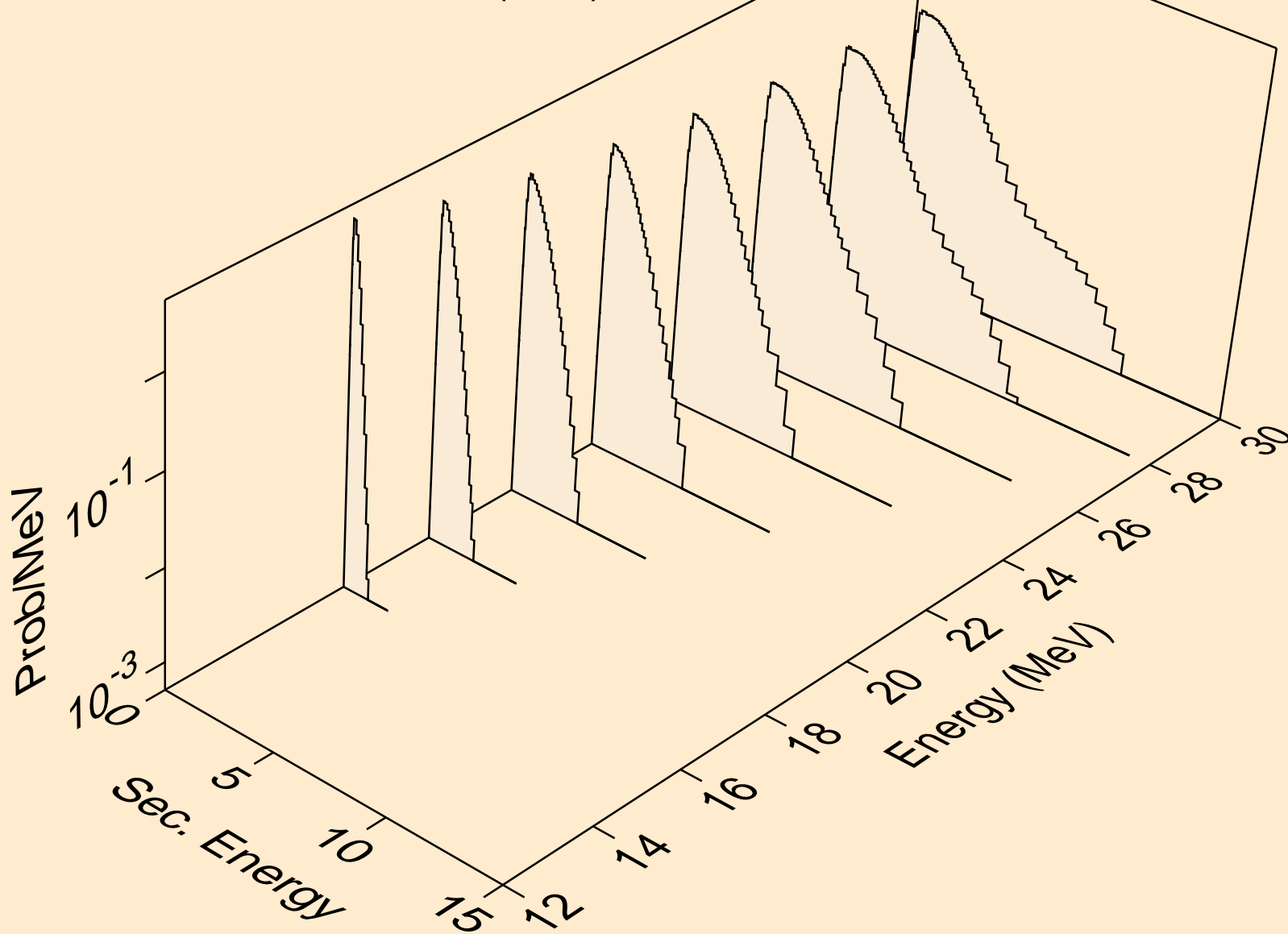
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Neutron emission for (n,n\*)p



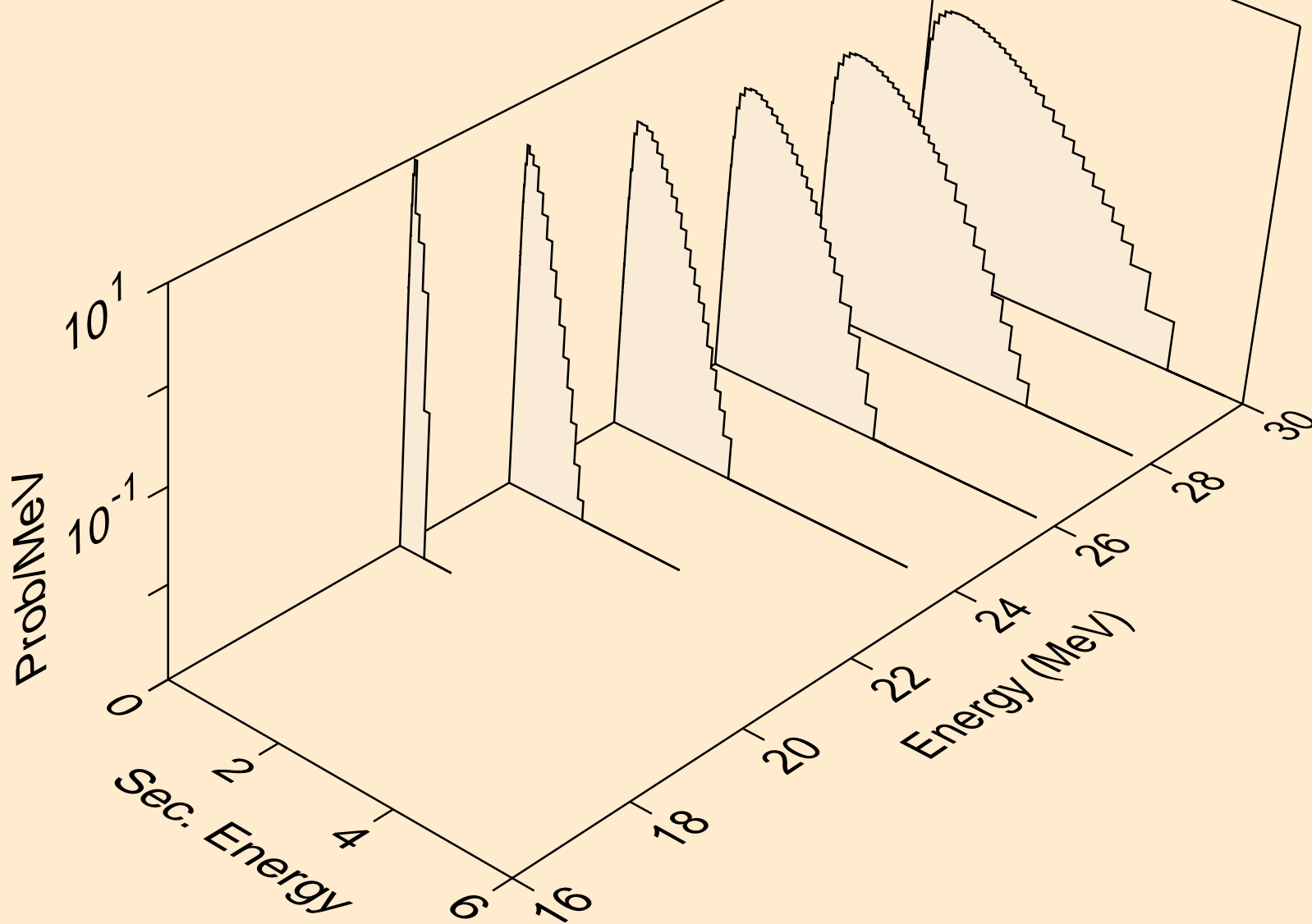
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

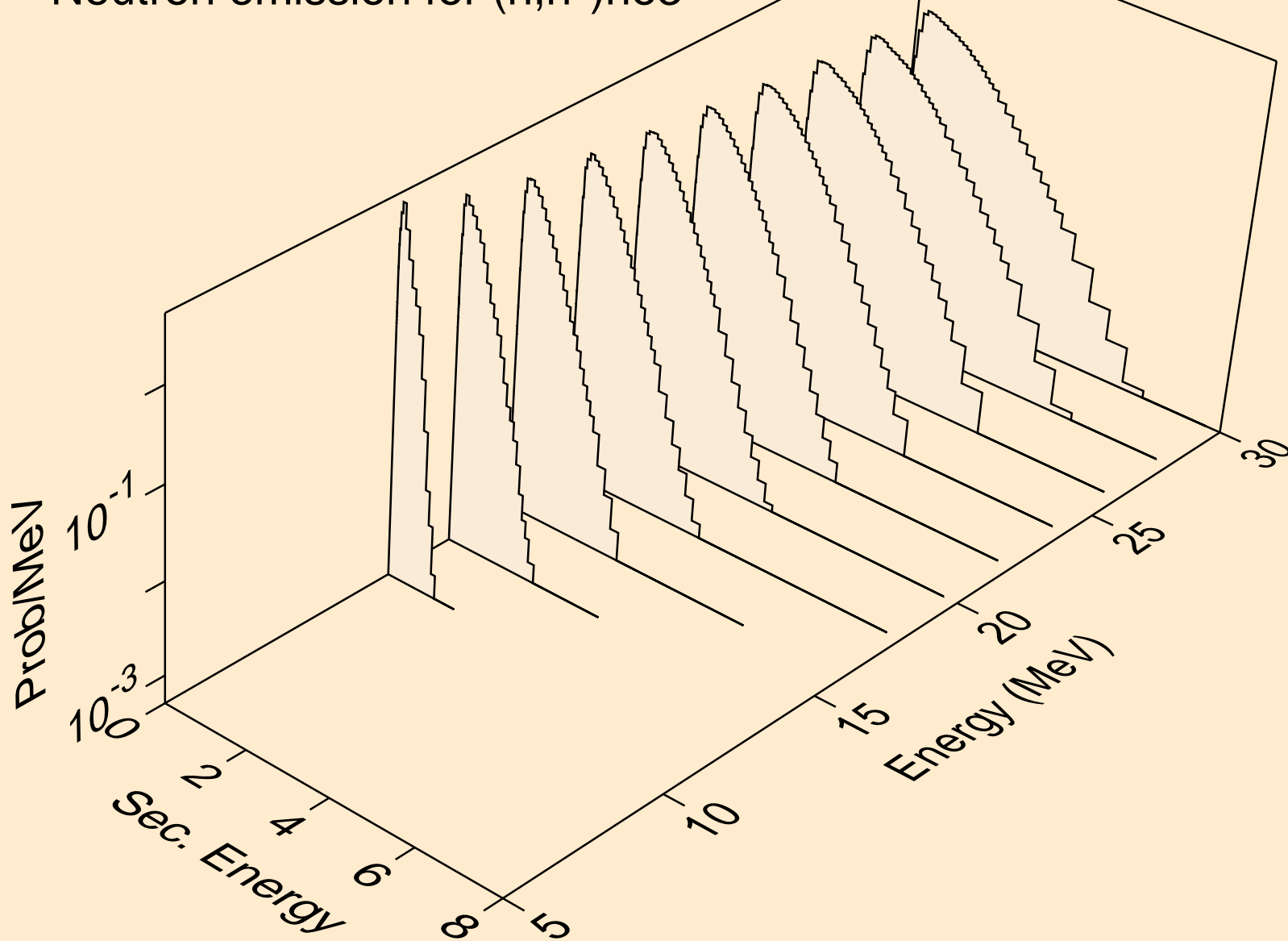


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Neutron emission for (n,n\*)t

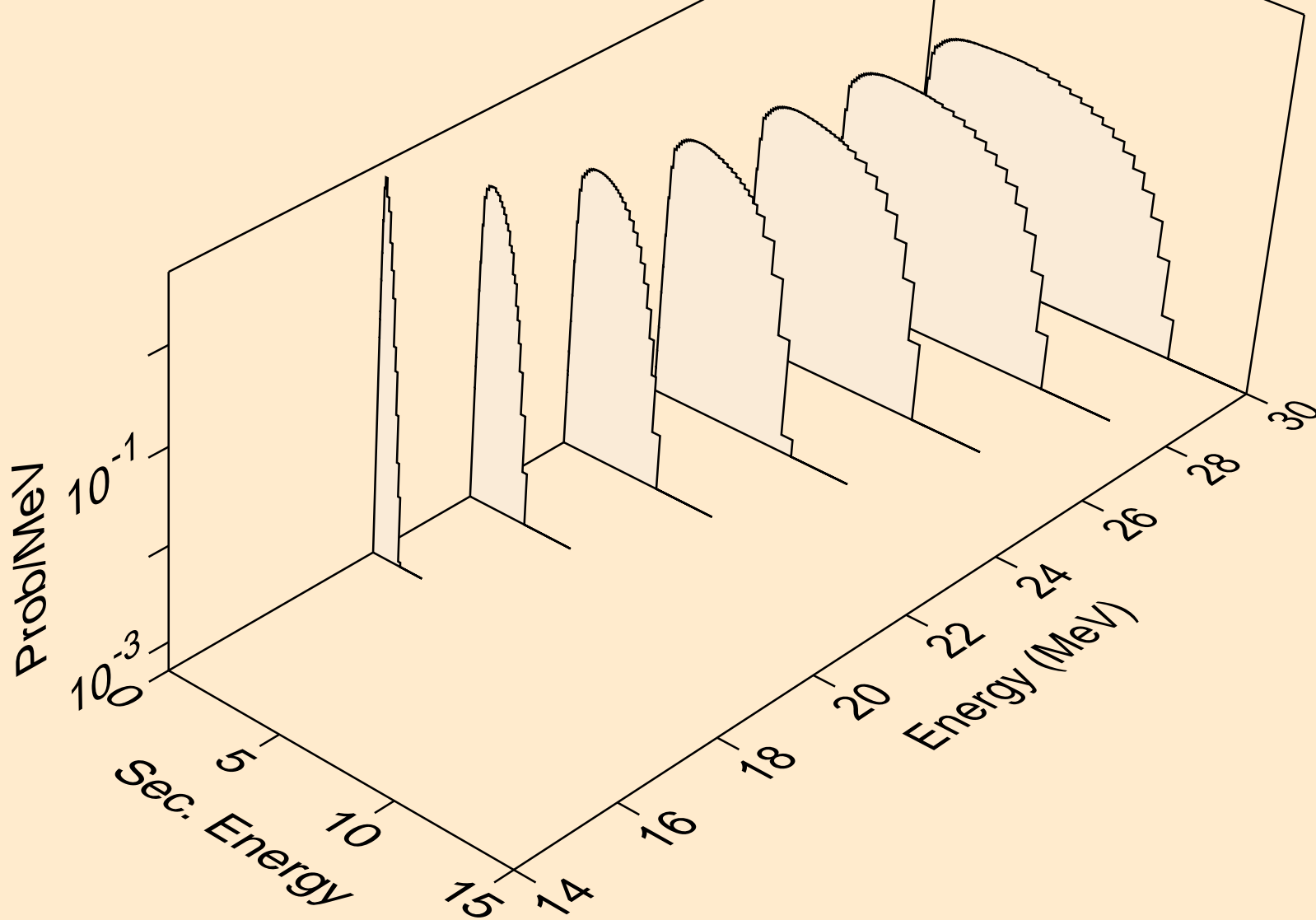




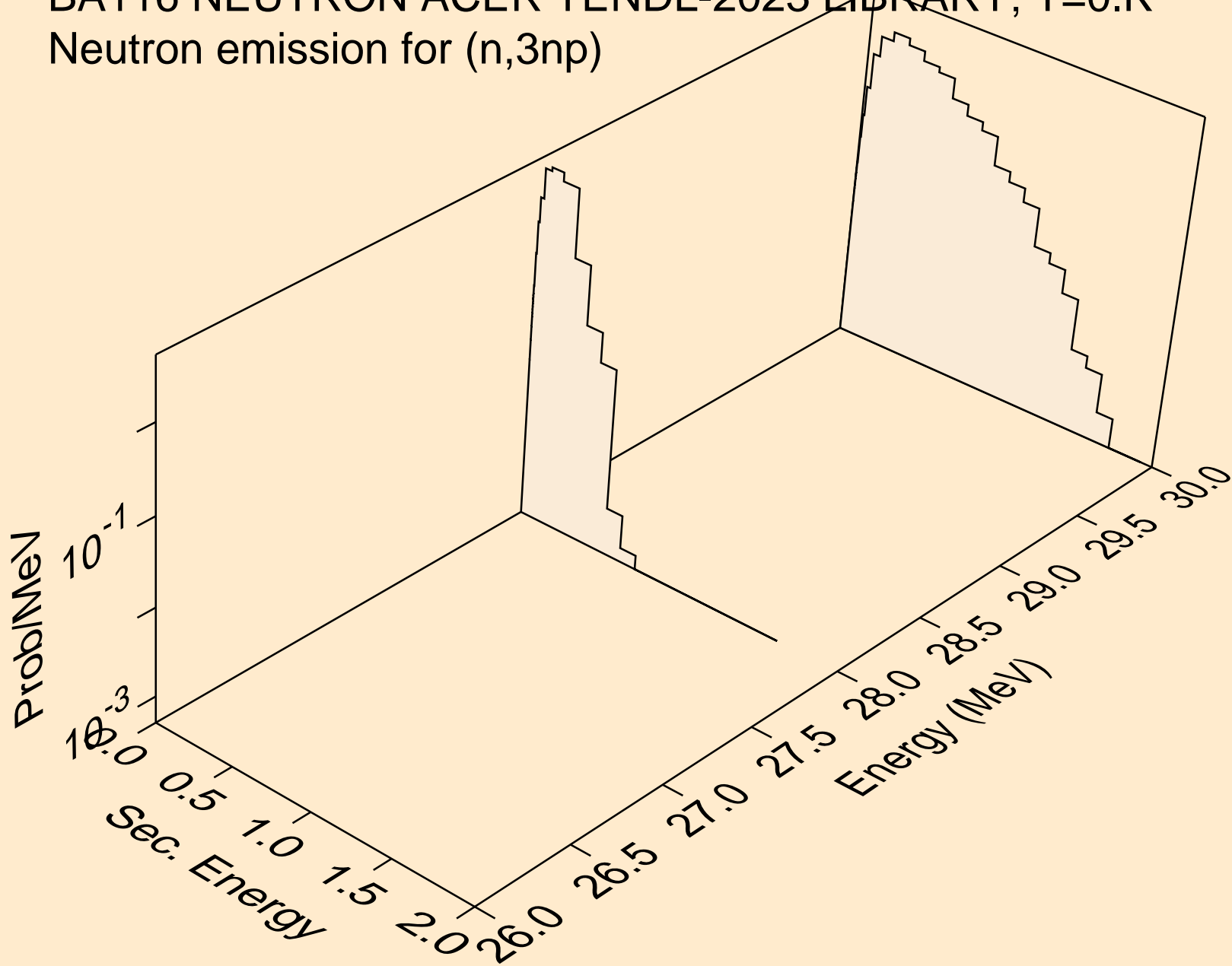
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Neutron emission for (n,n\*)he3



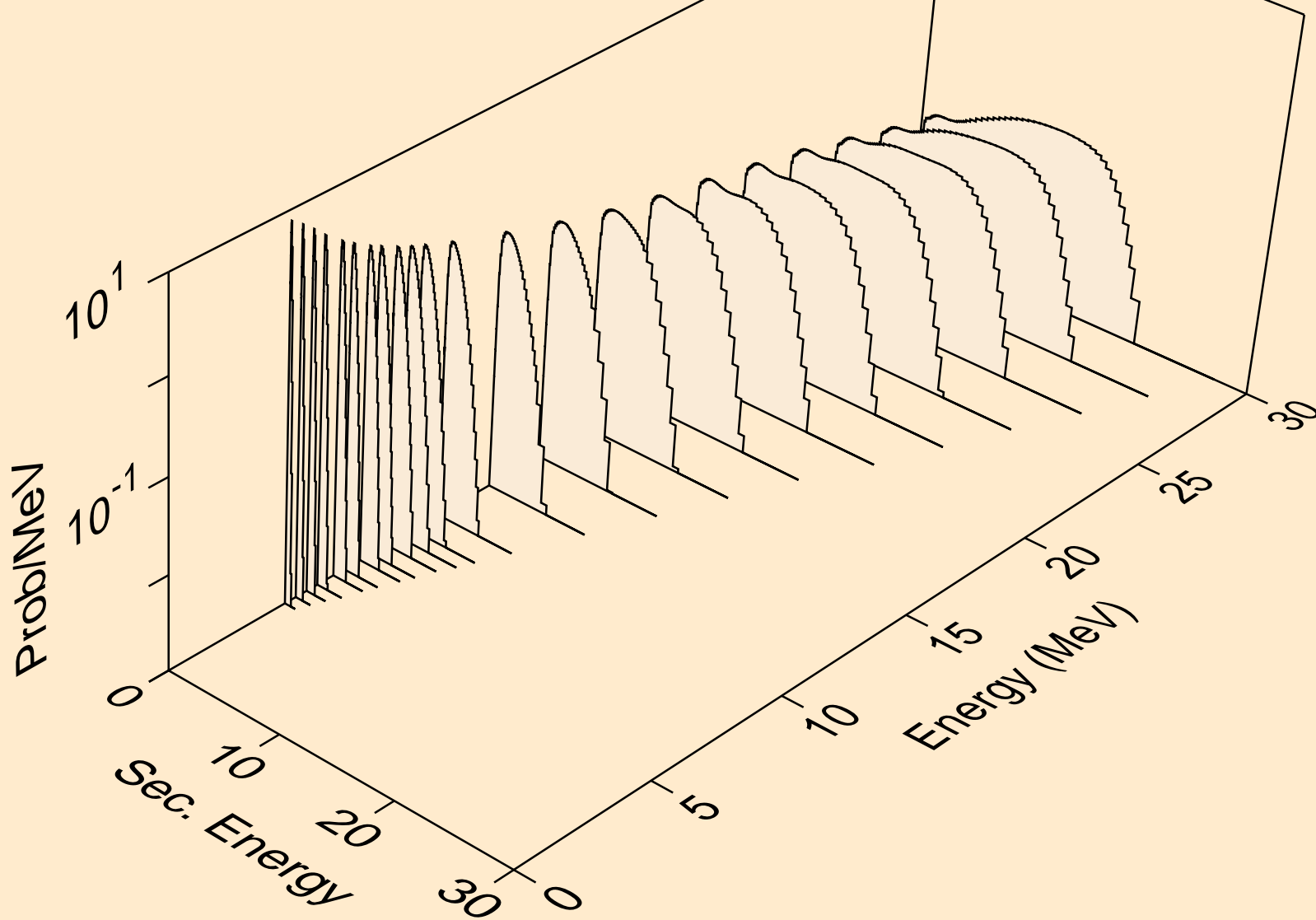
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Neutron emission for (n,2np)



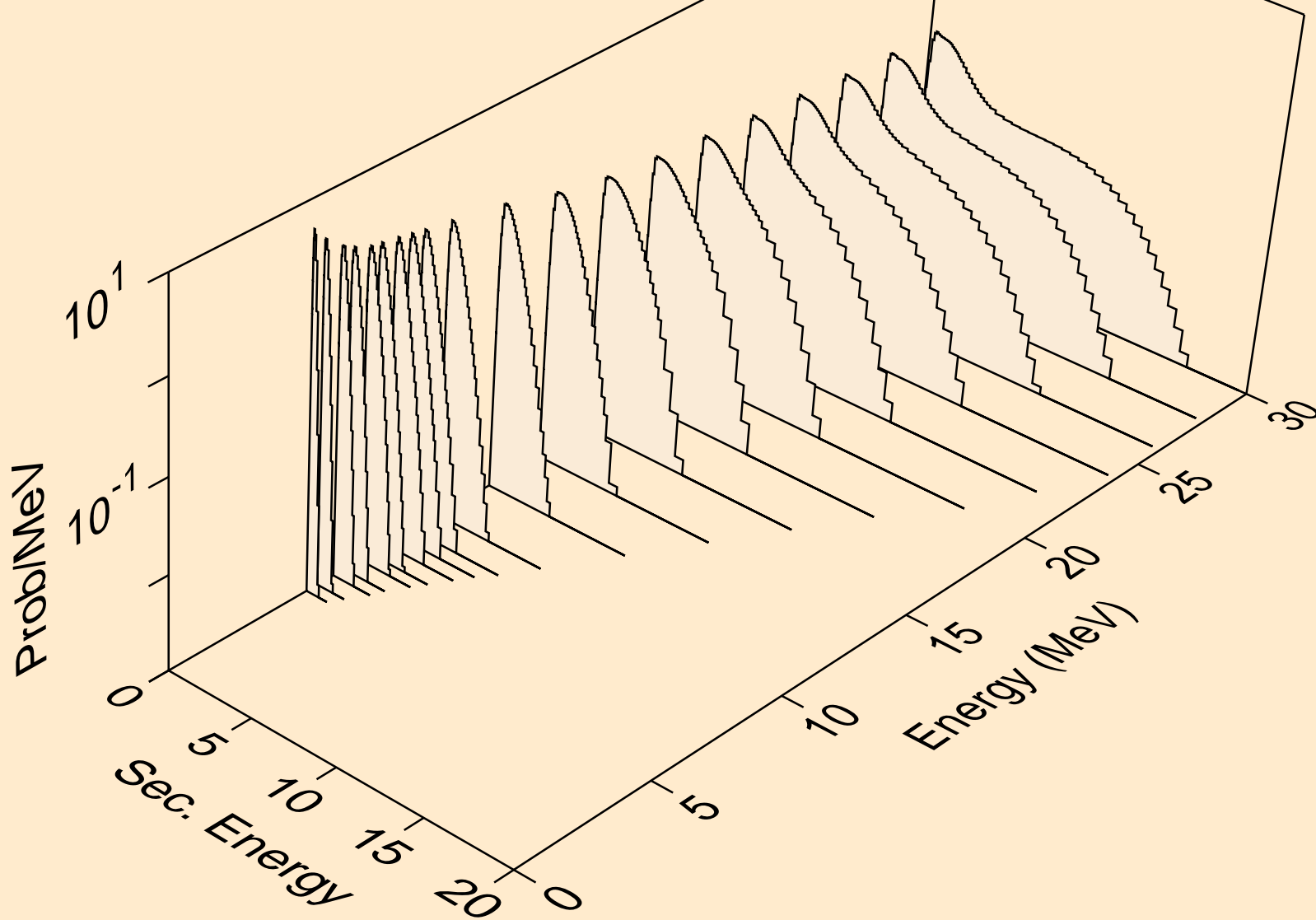
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Neutron emission for (n,3np)



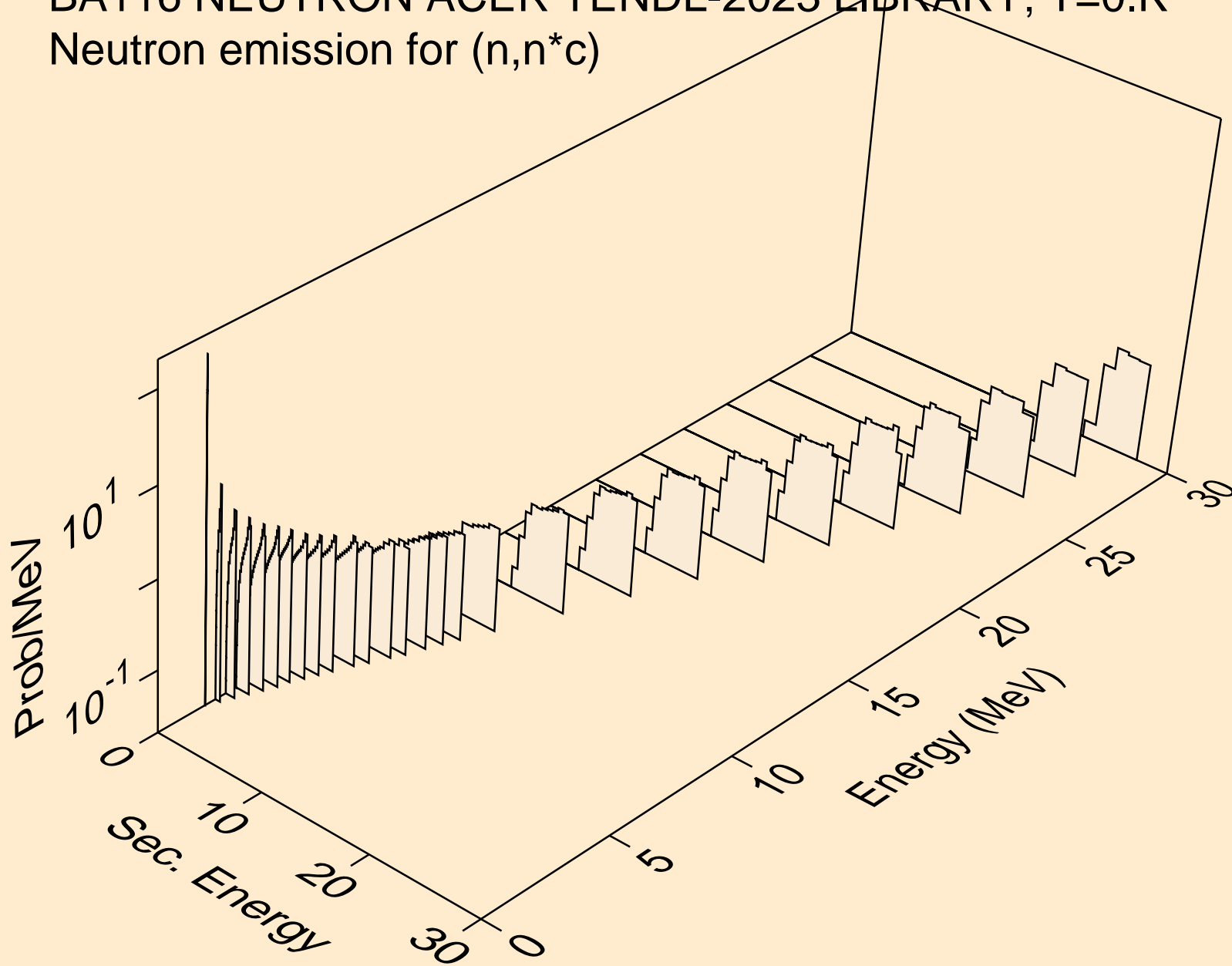
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Neutron emission for (n,n2p)



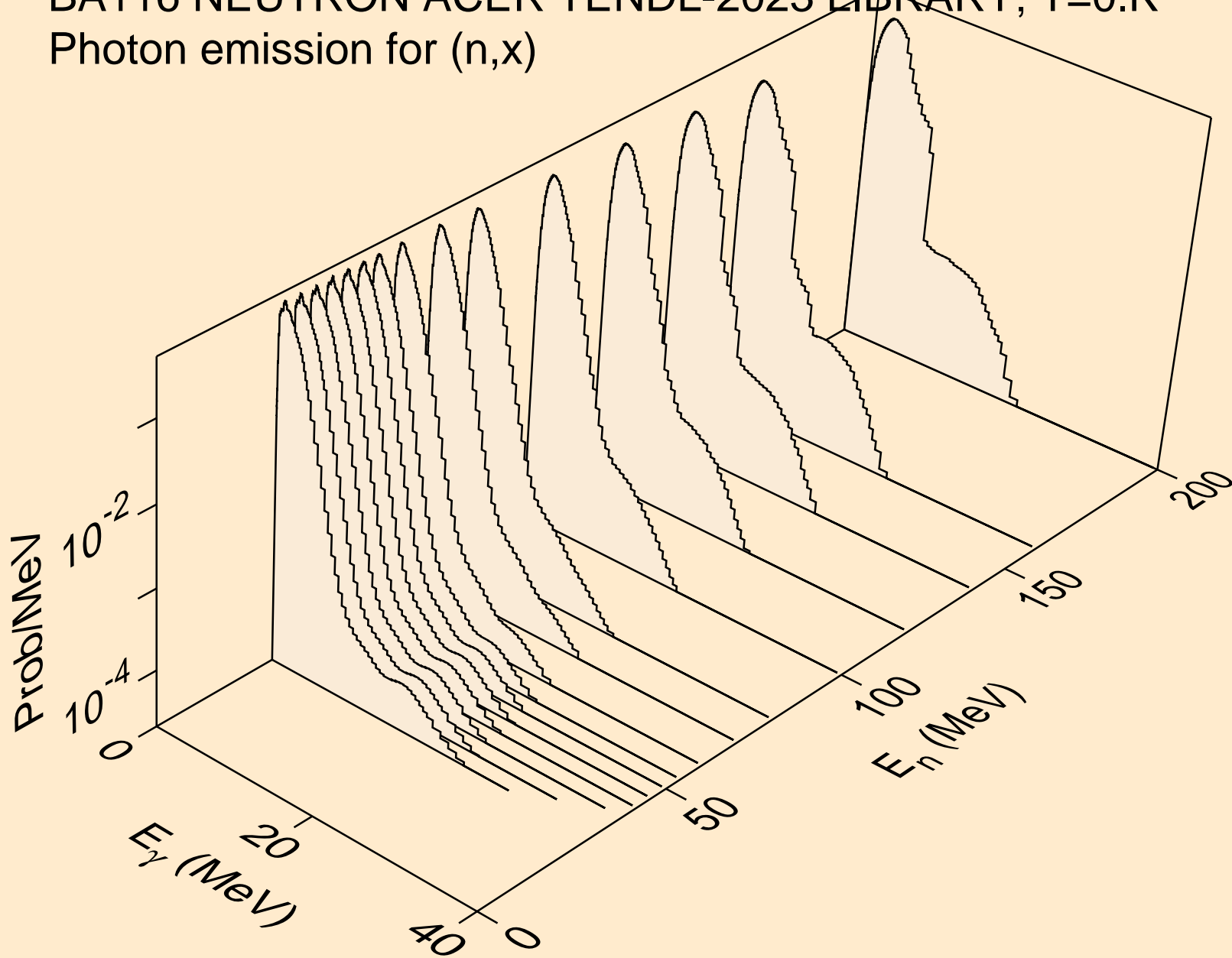
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Neutron emission for (n,npa)



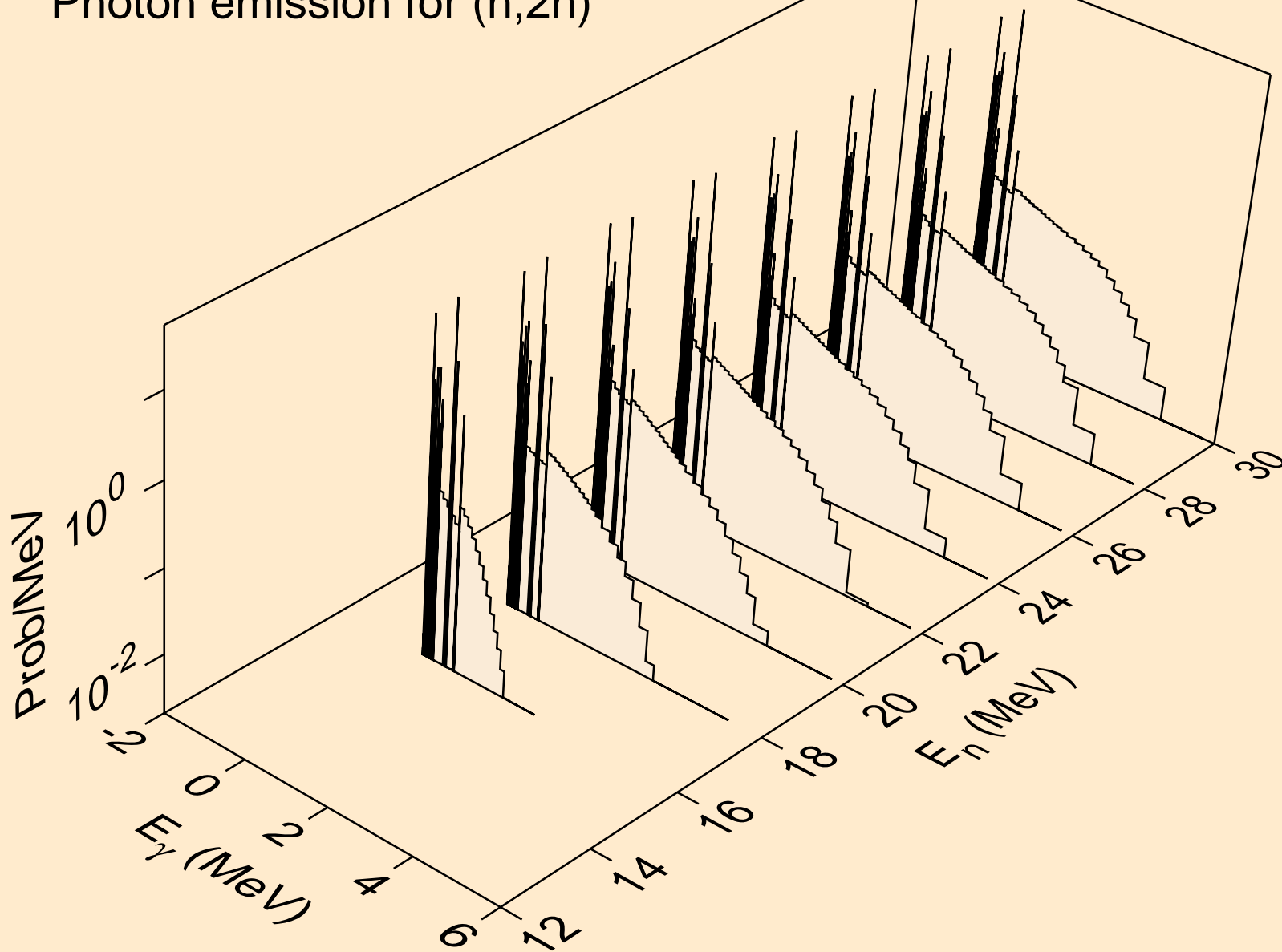
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

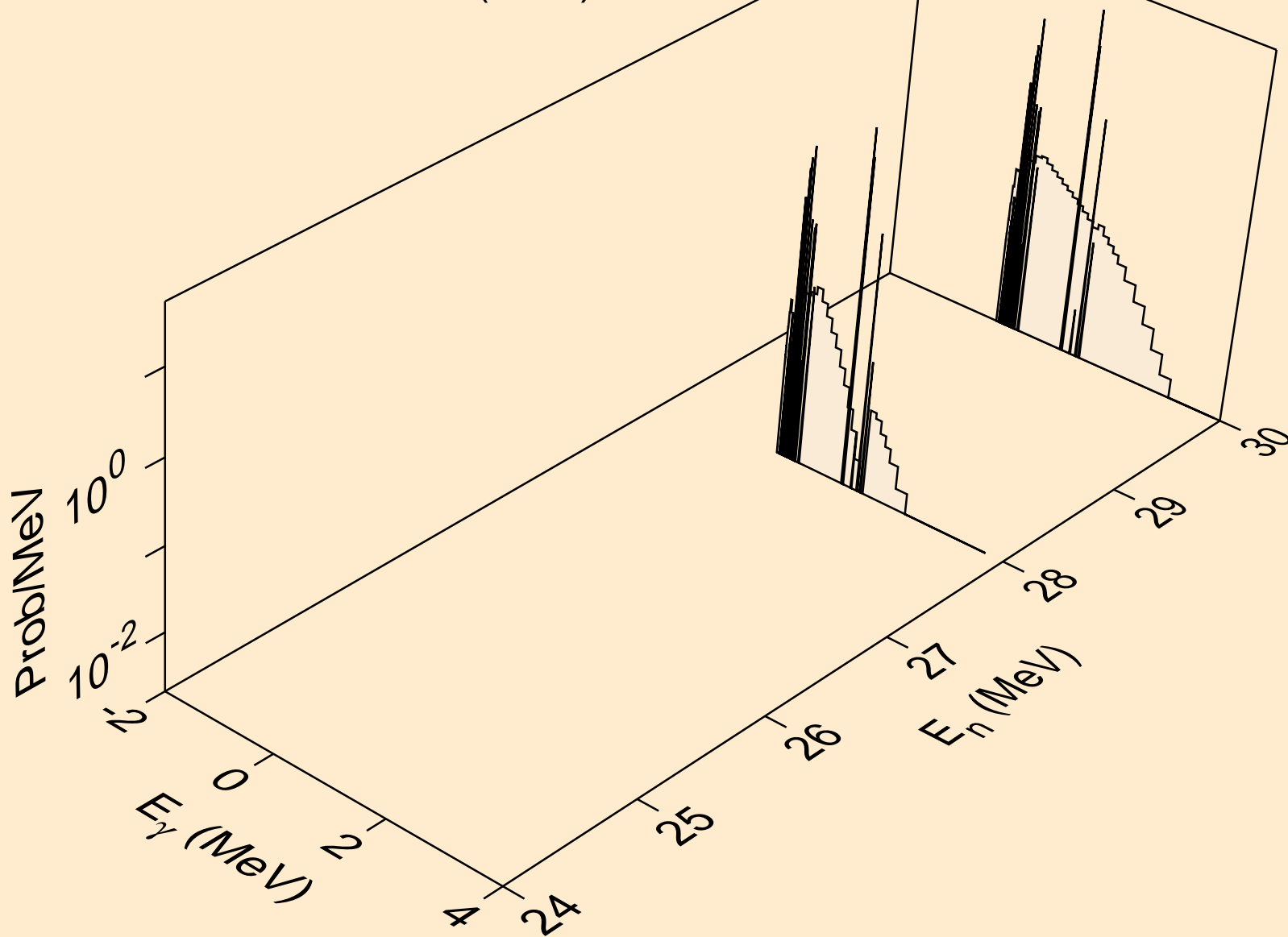


BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

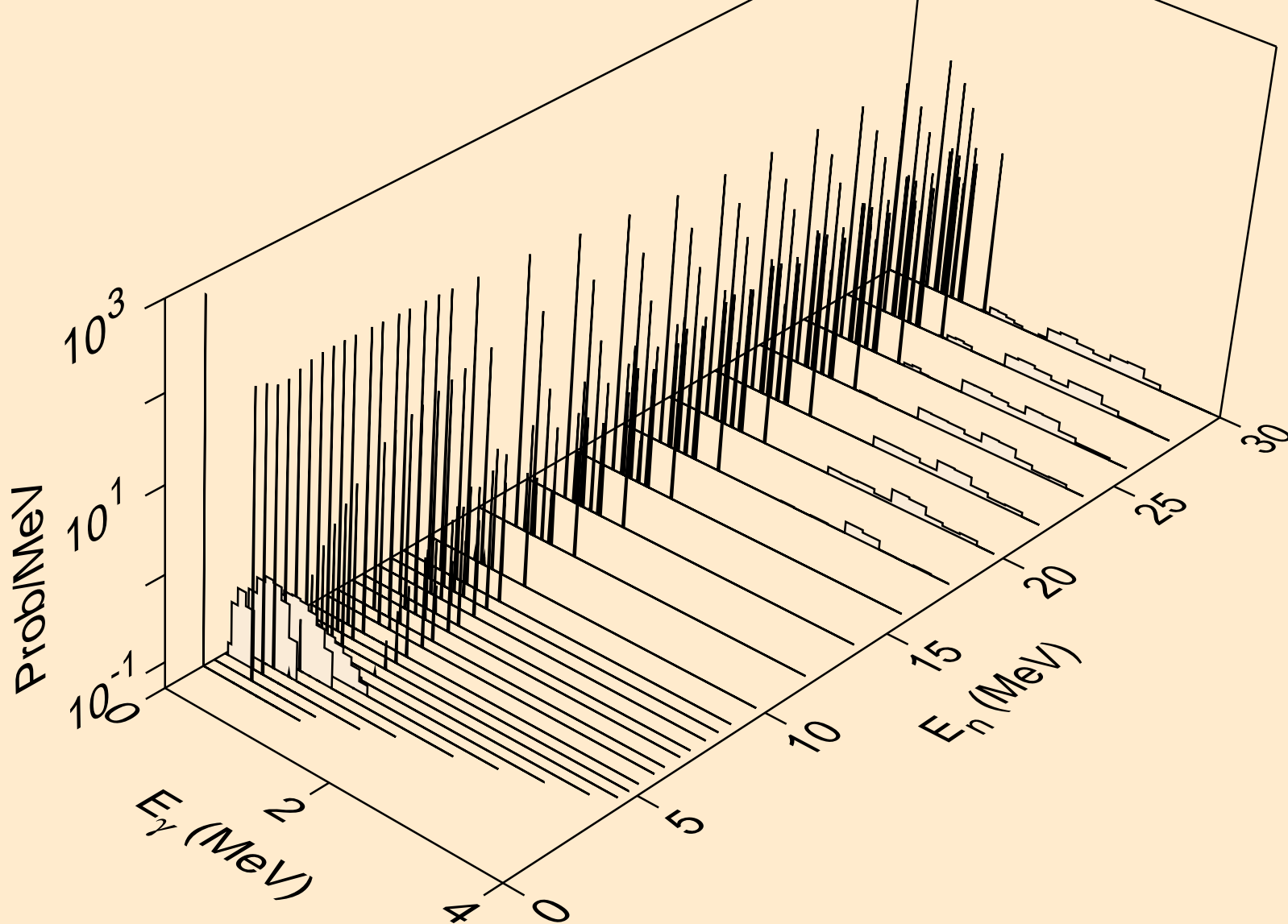




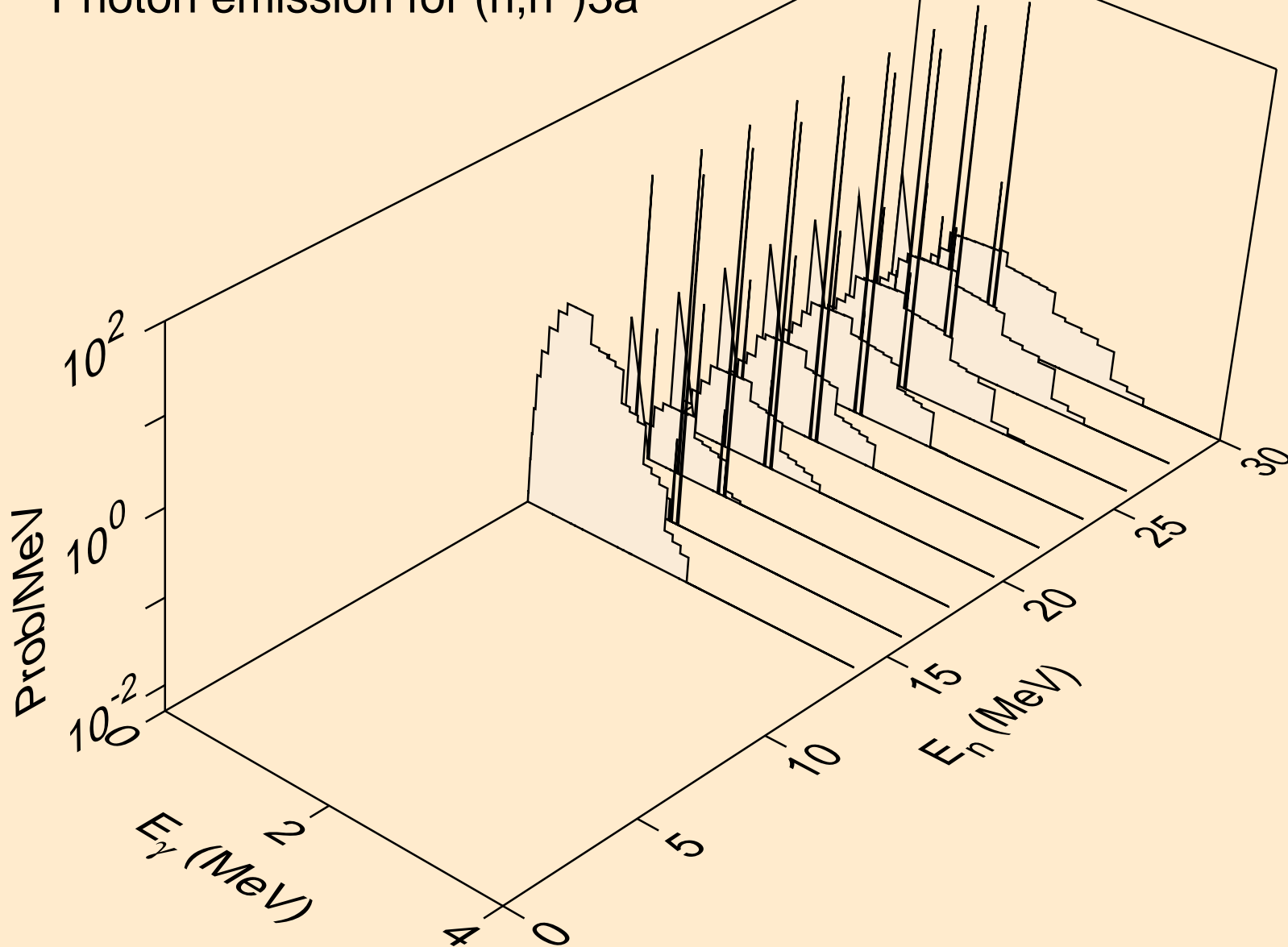
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



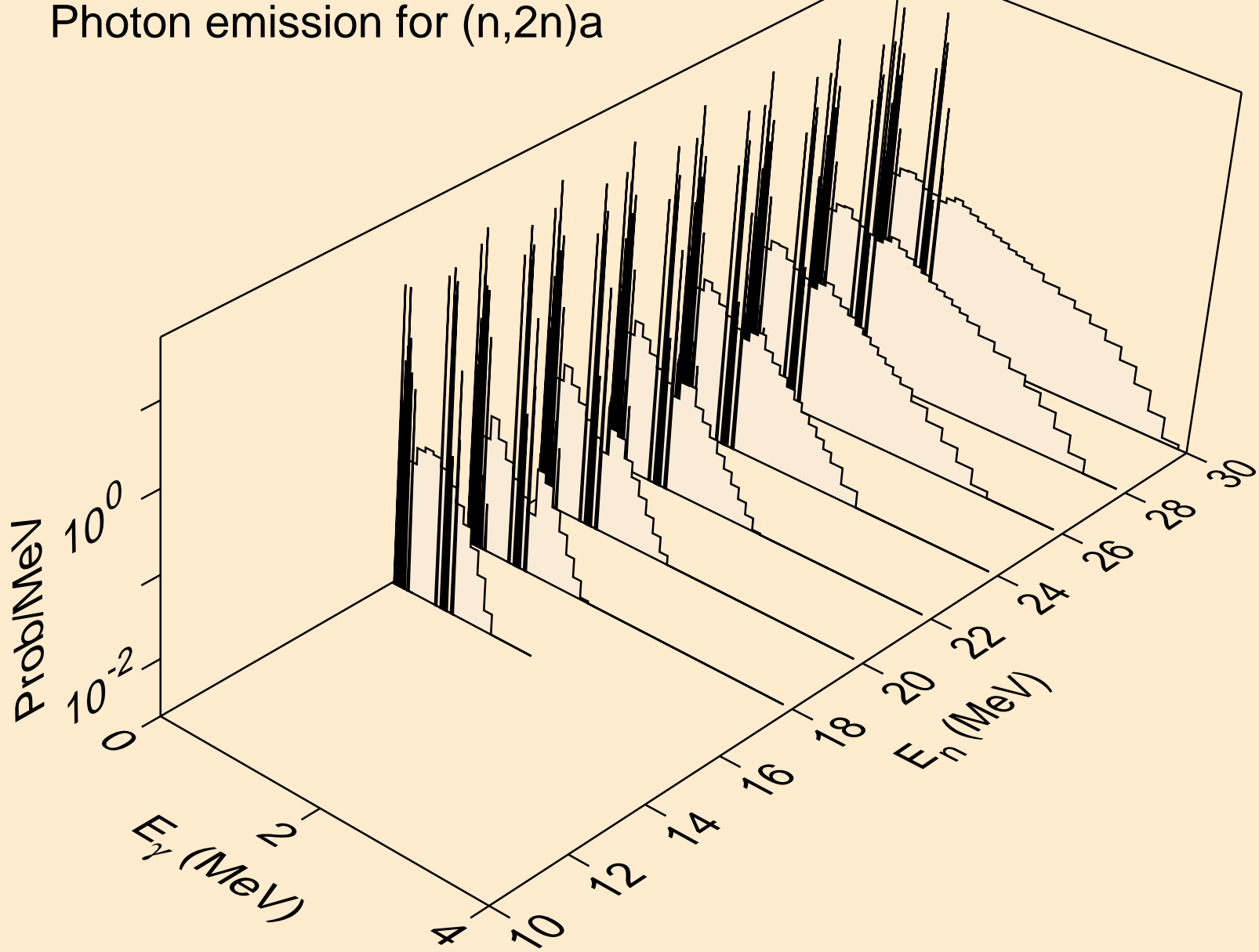
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



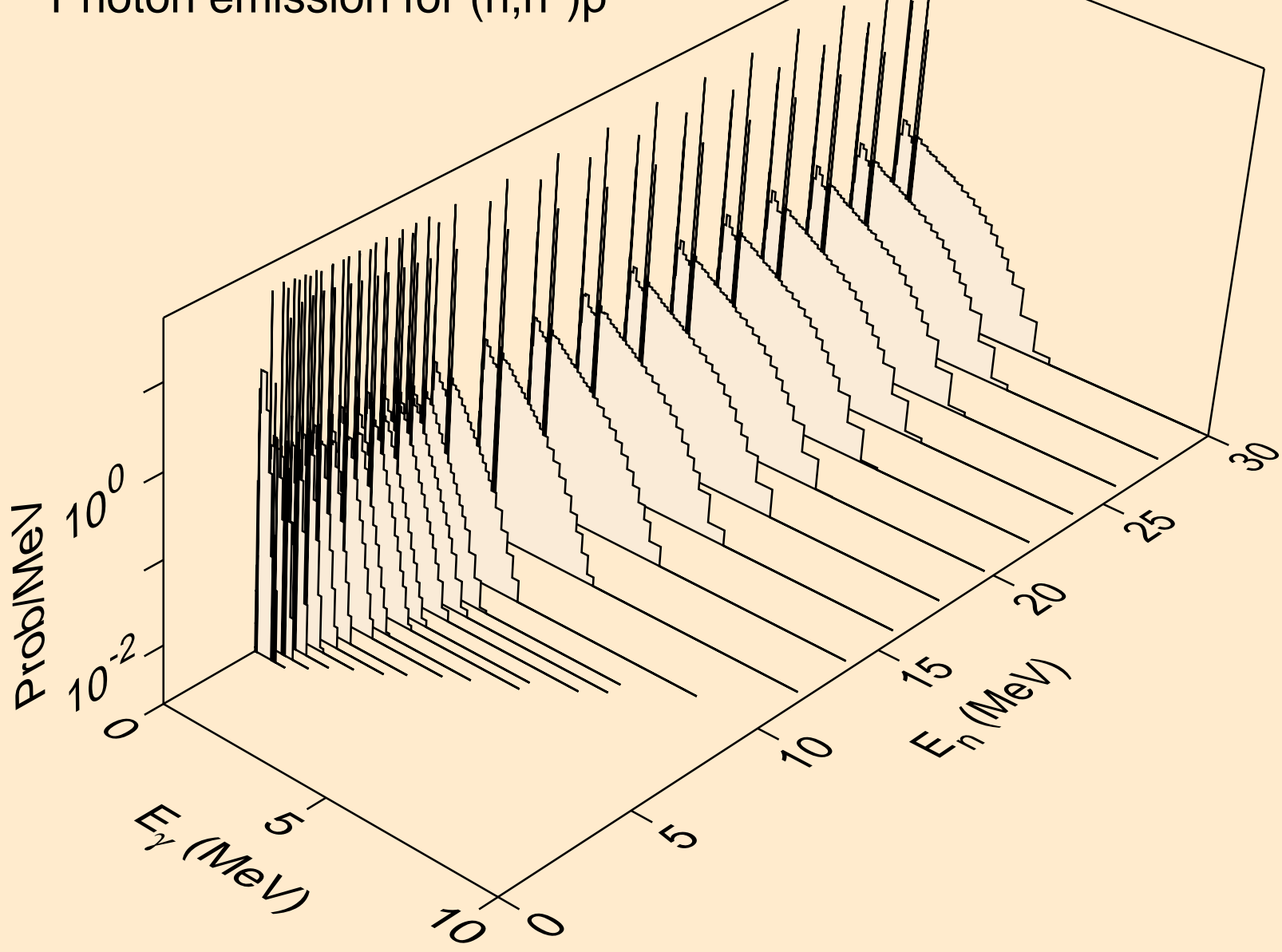
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



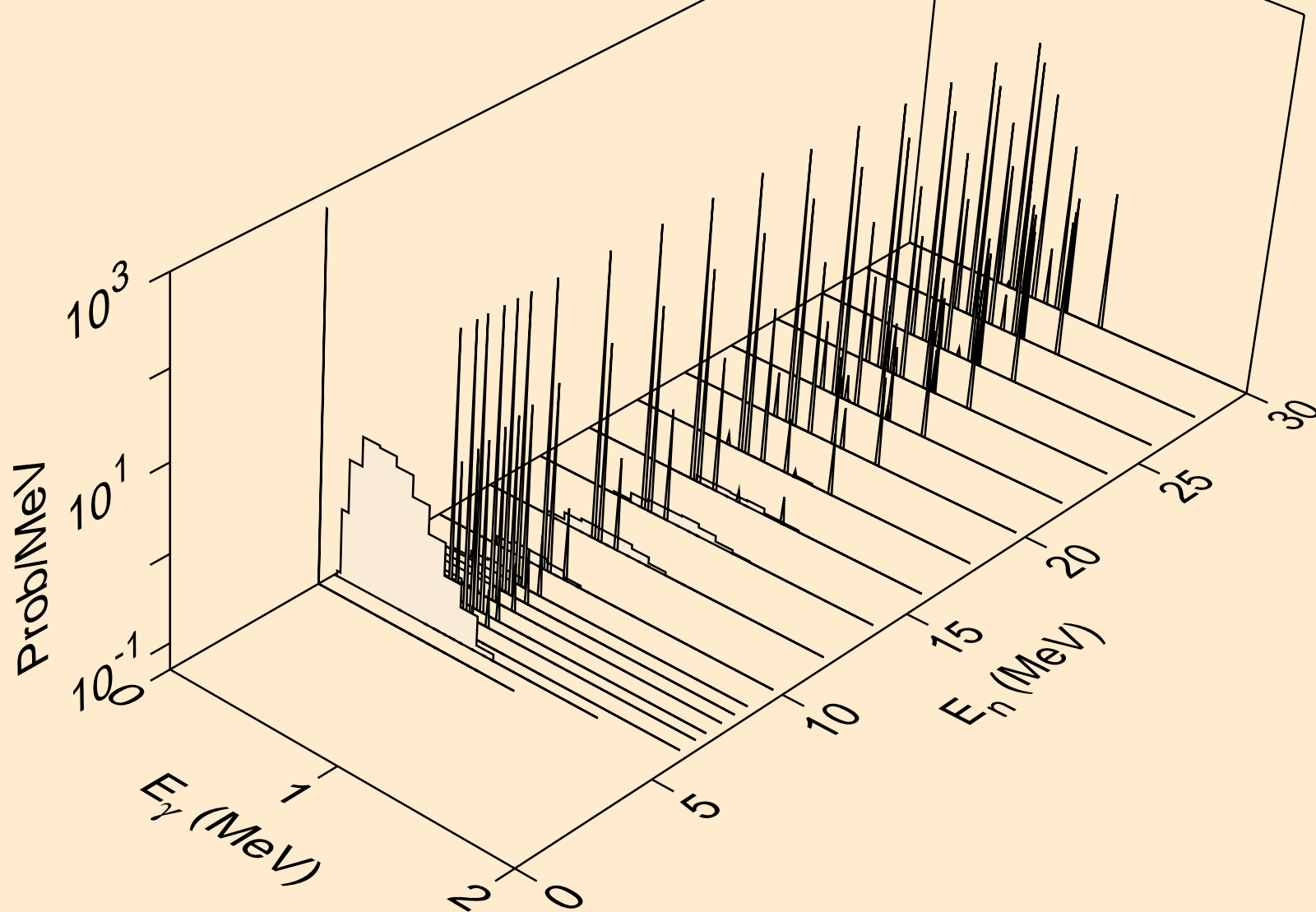
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



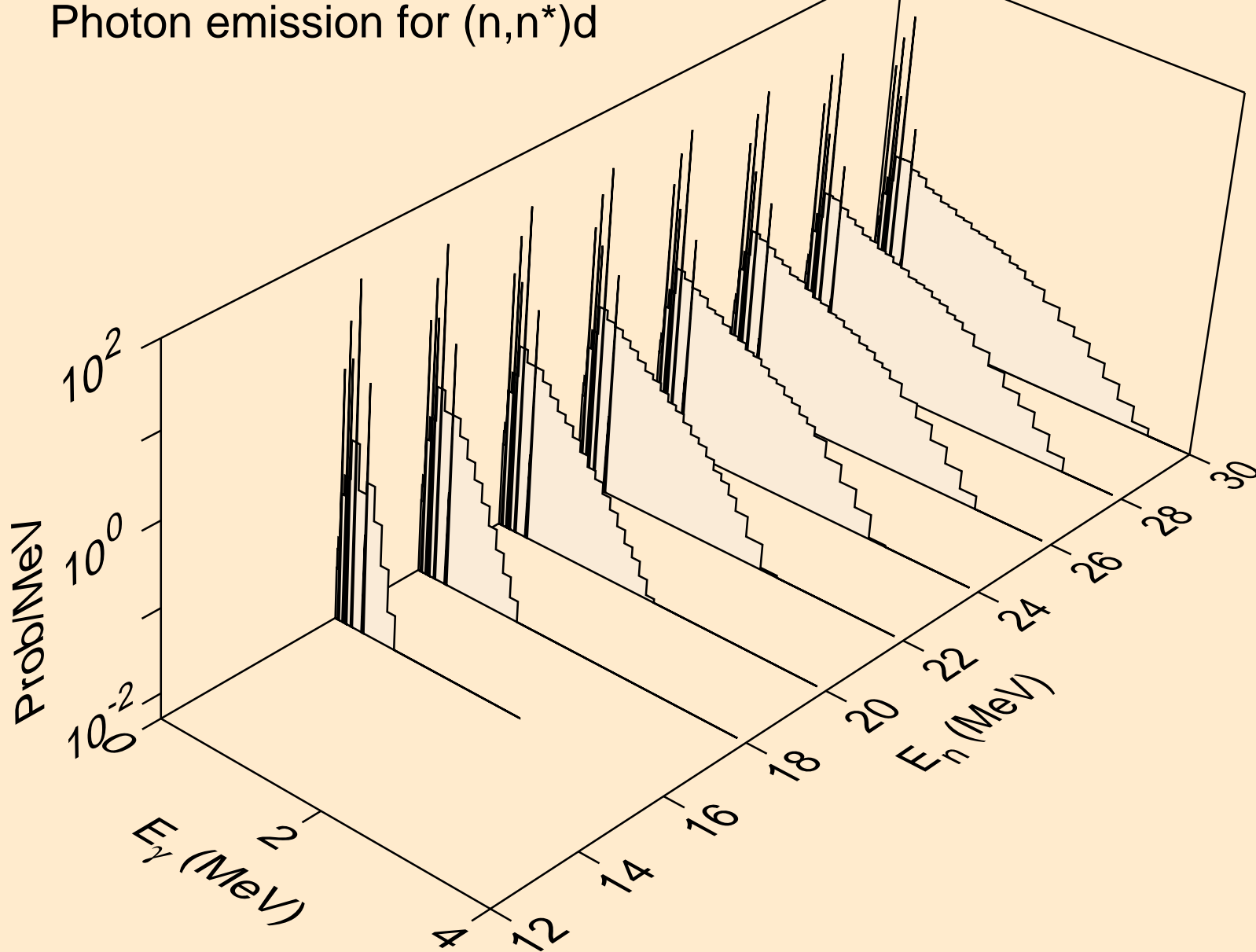
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



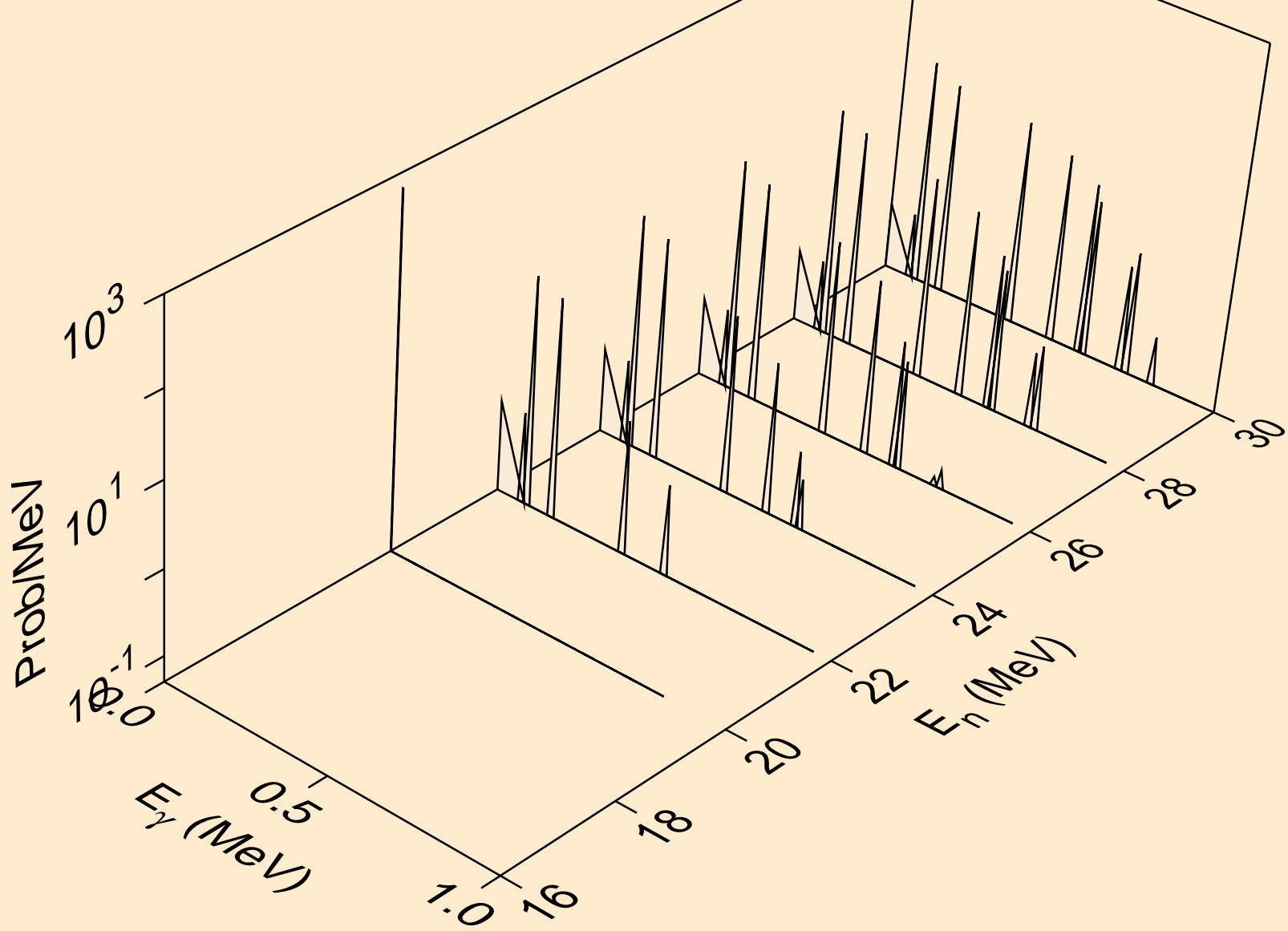
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

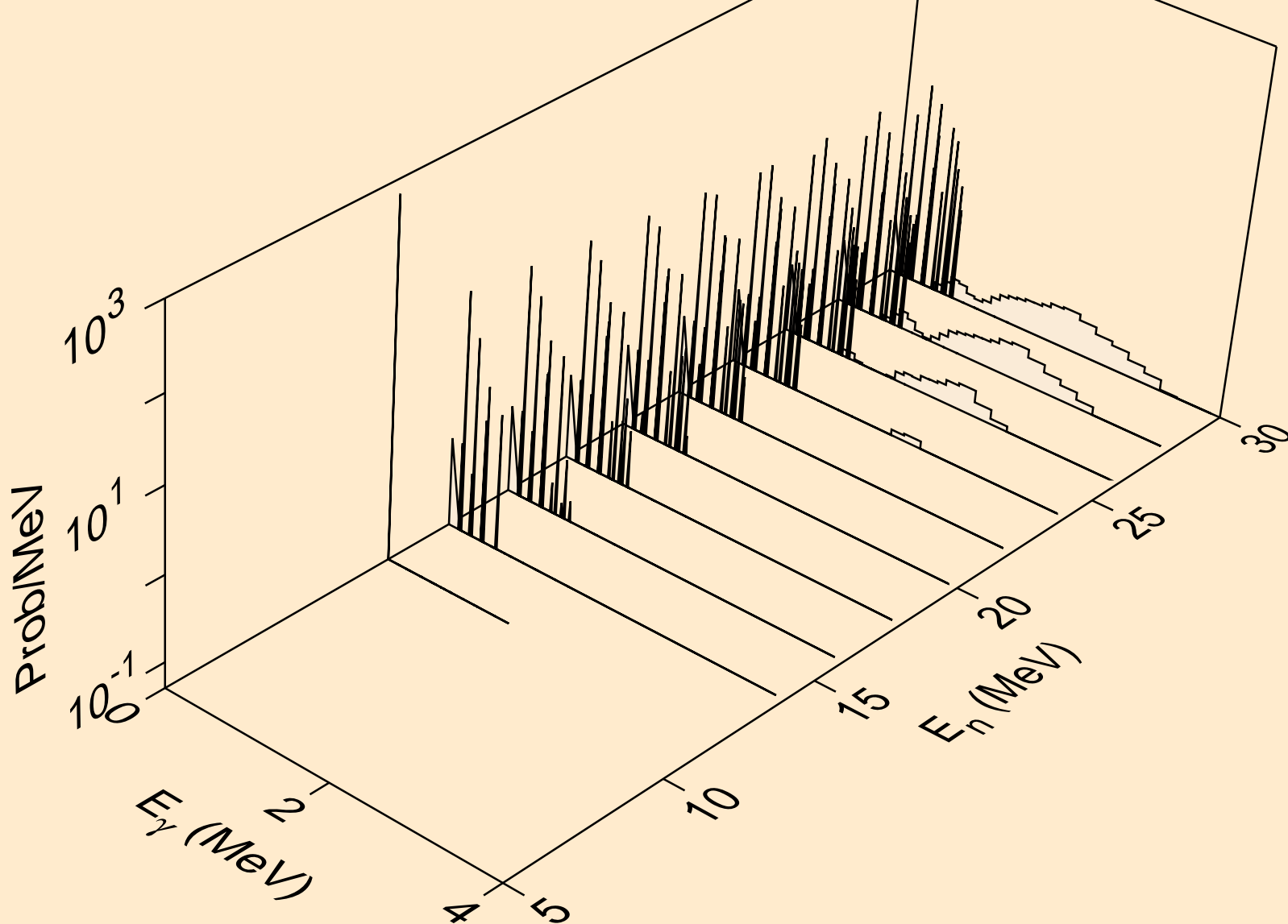


BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

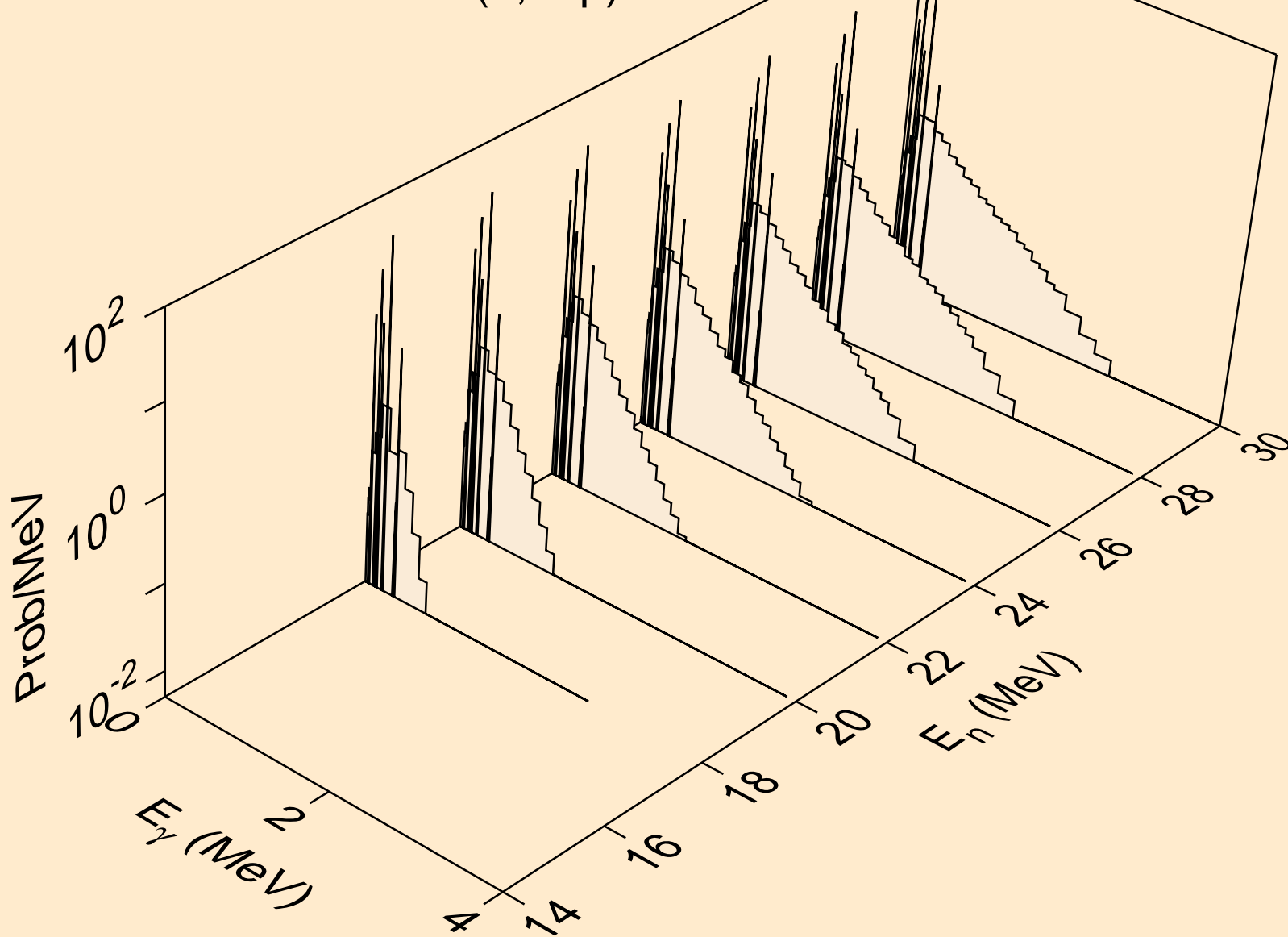




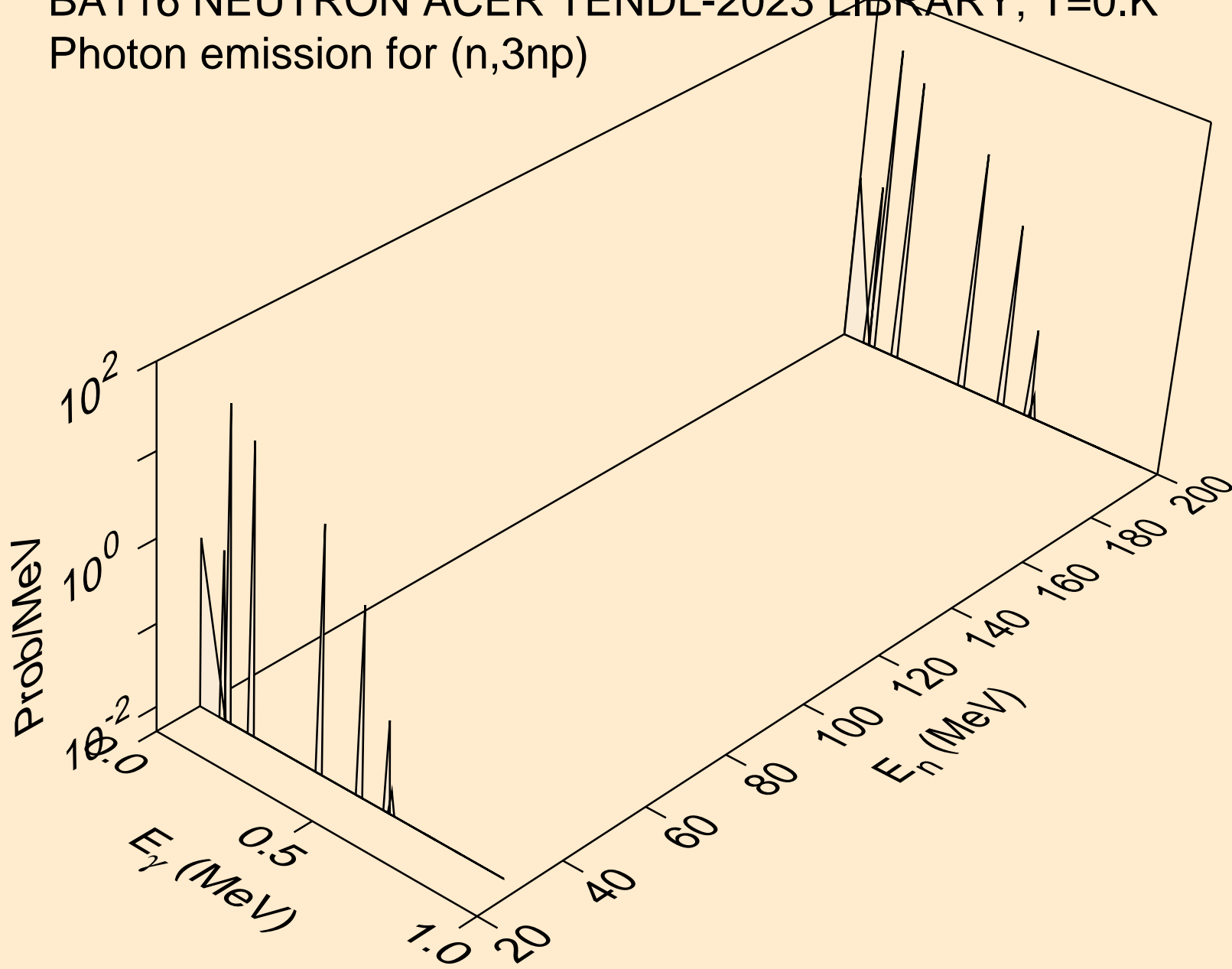
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



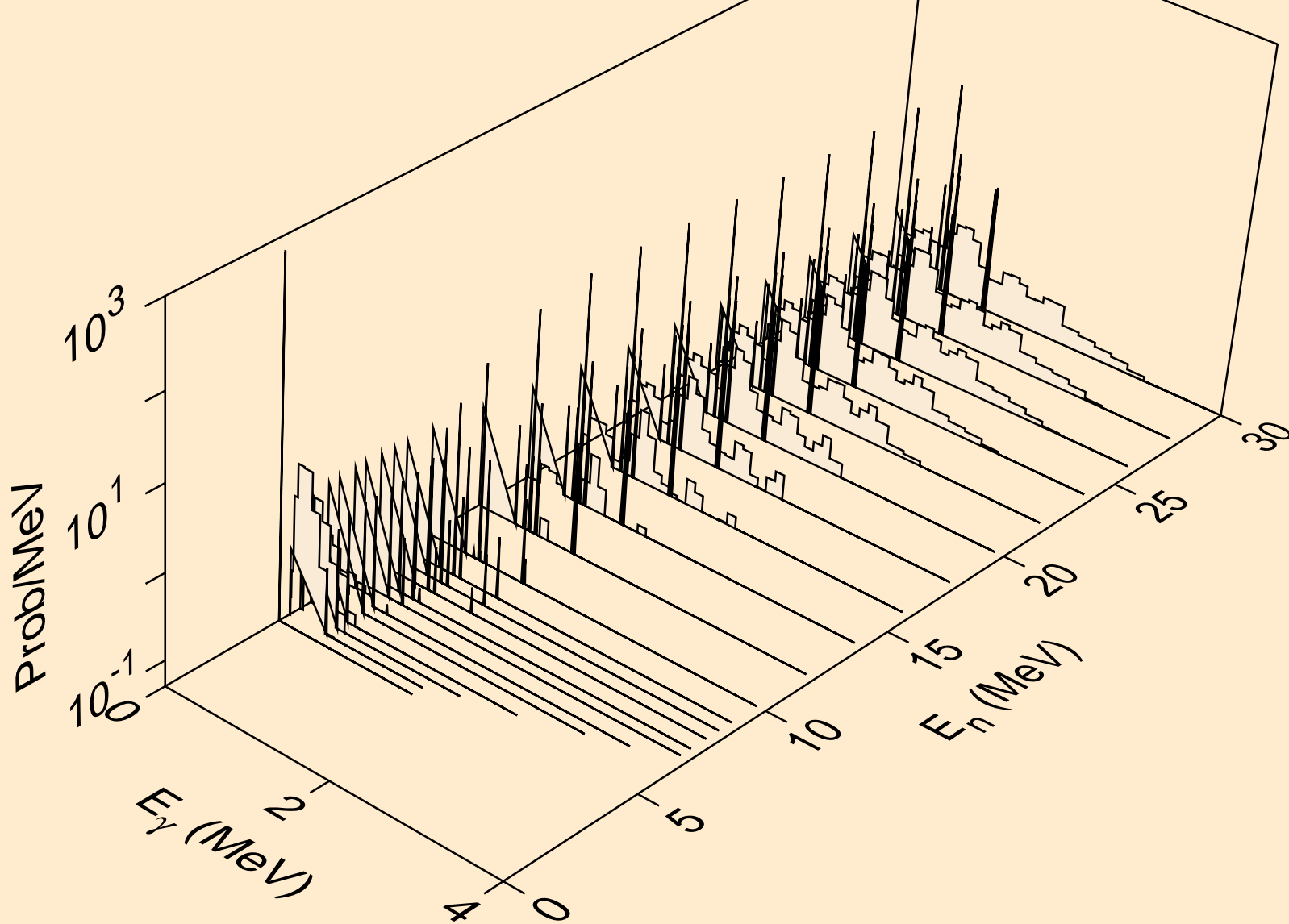
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Photon emission for (n,2np)



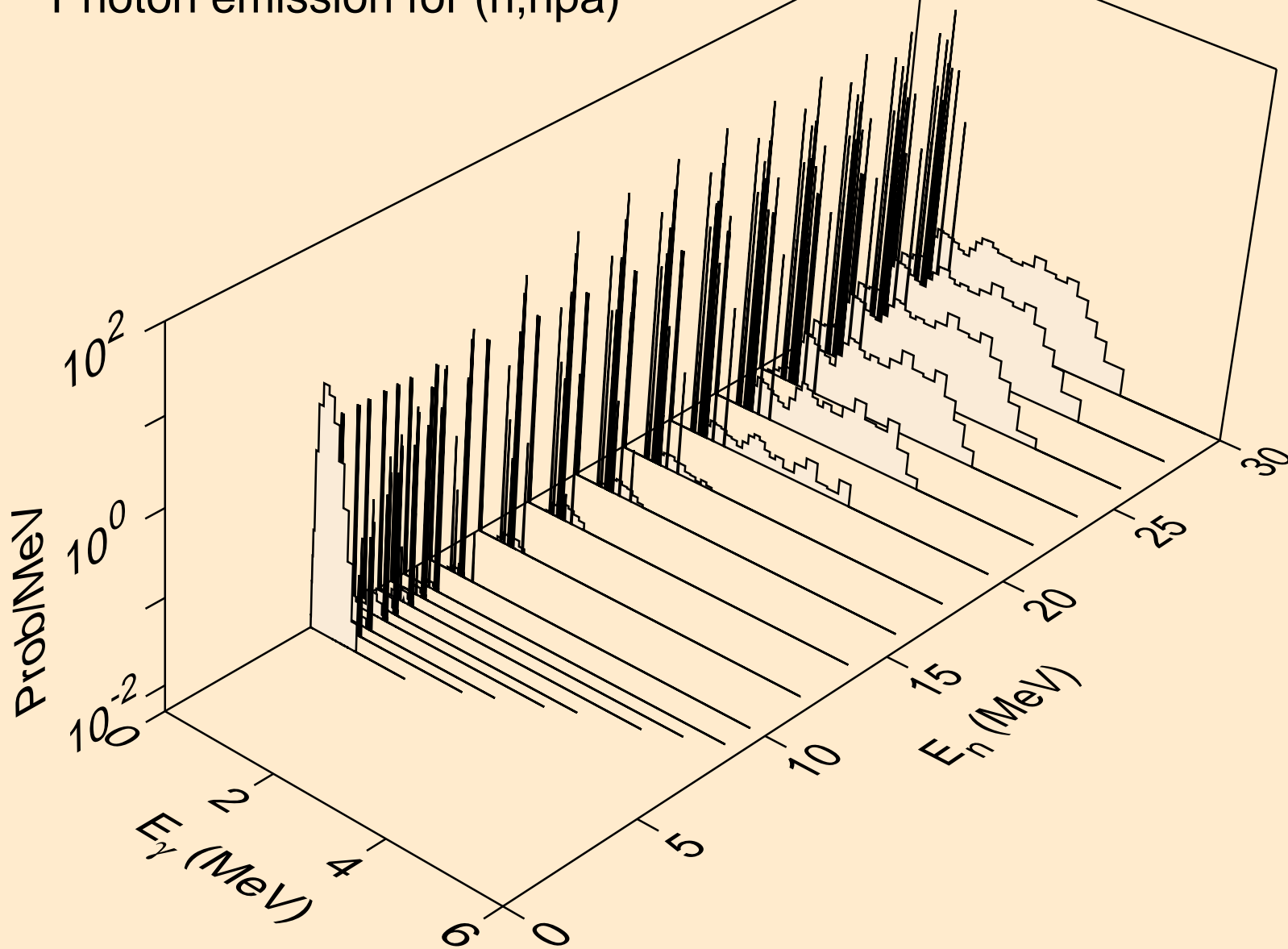
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Photon emission for (n,3np)



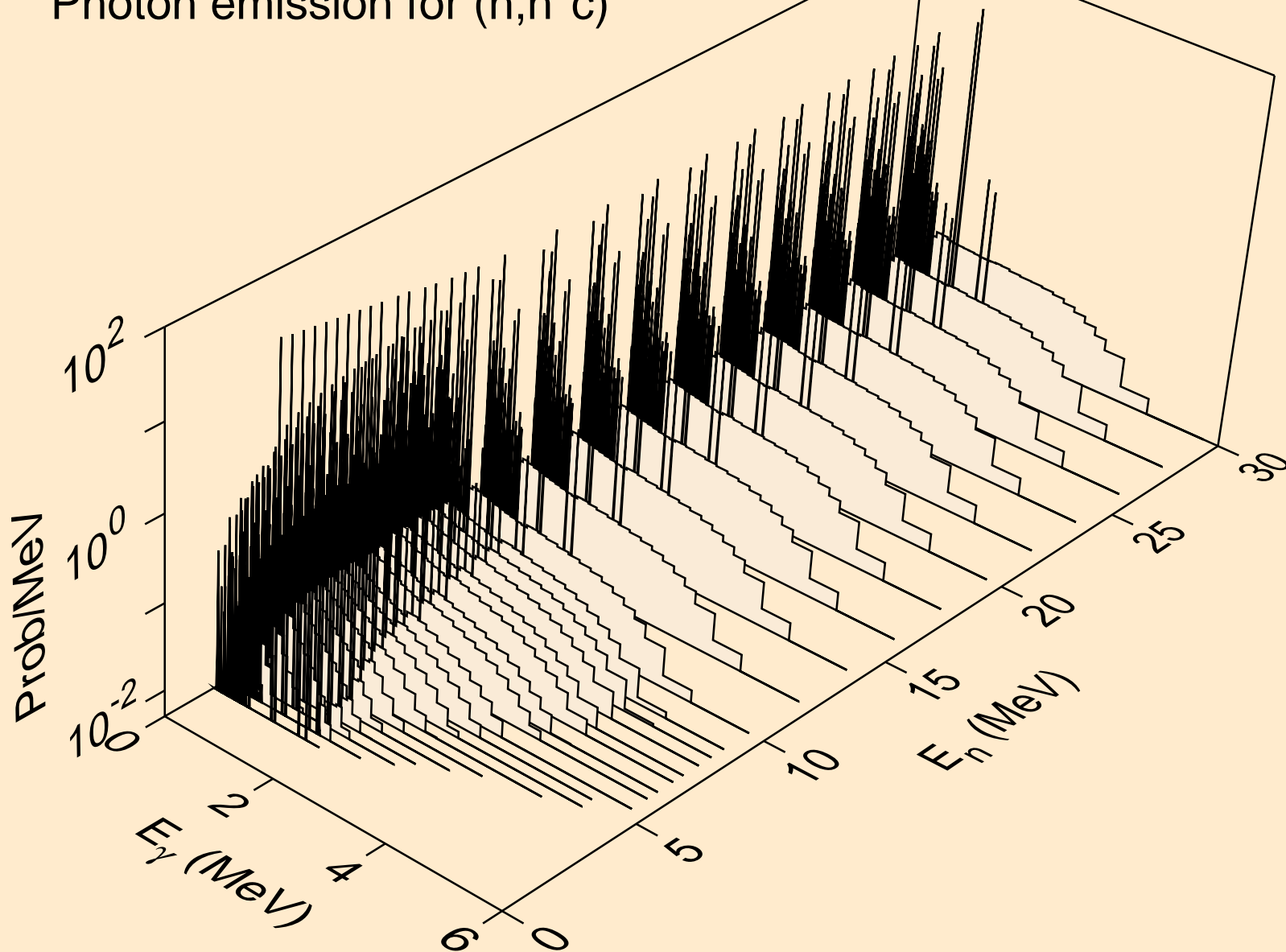
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Photon emission for (n,n2p)



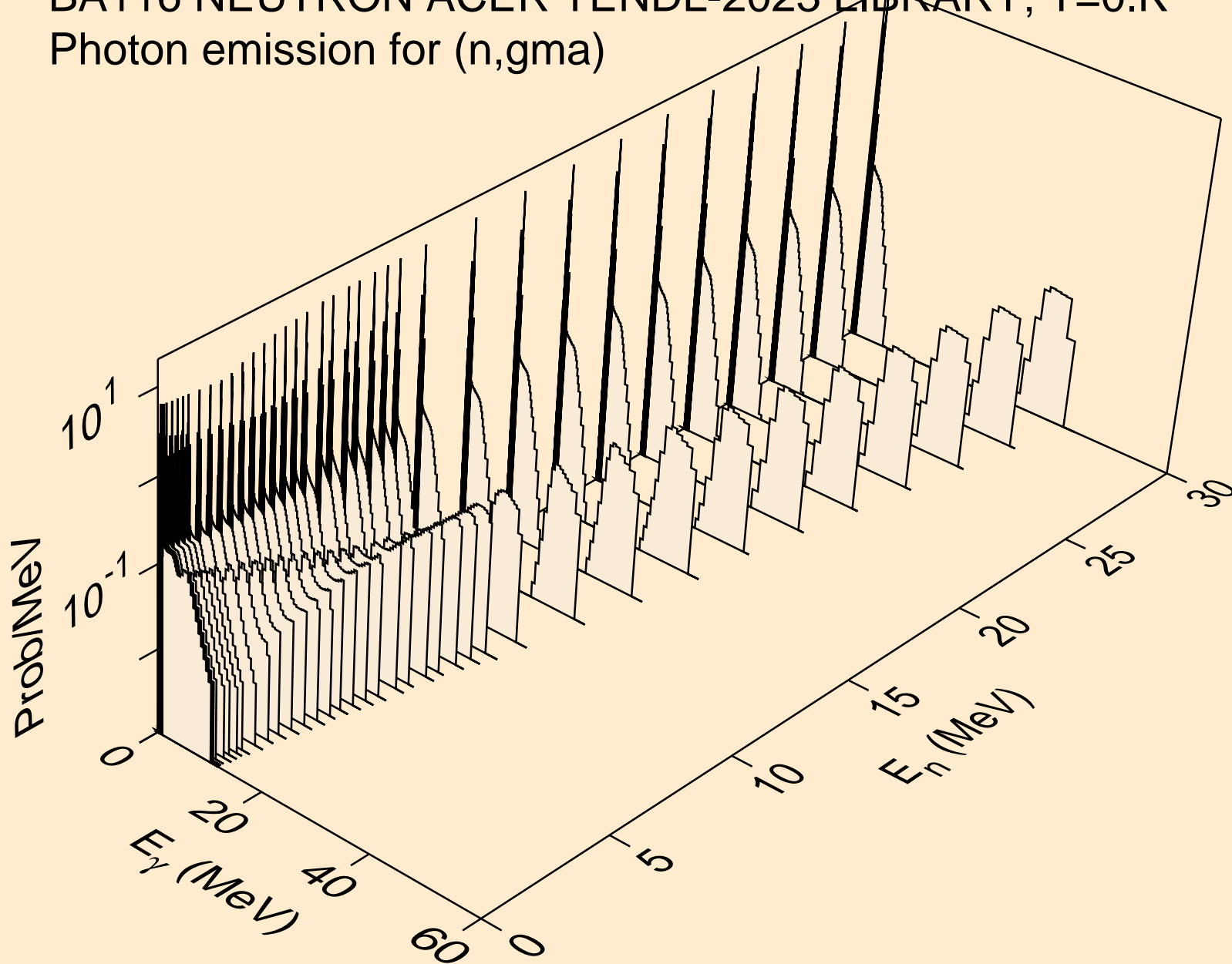
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Photon emission for (n,npa)



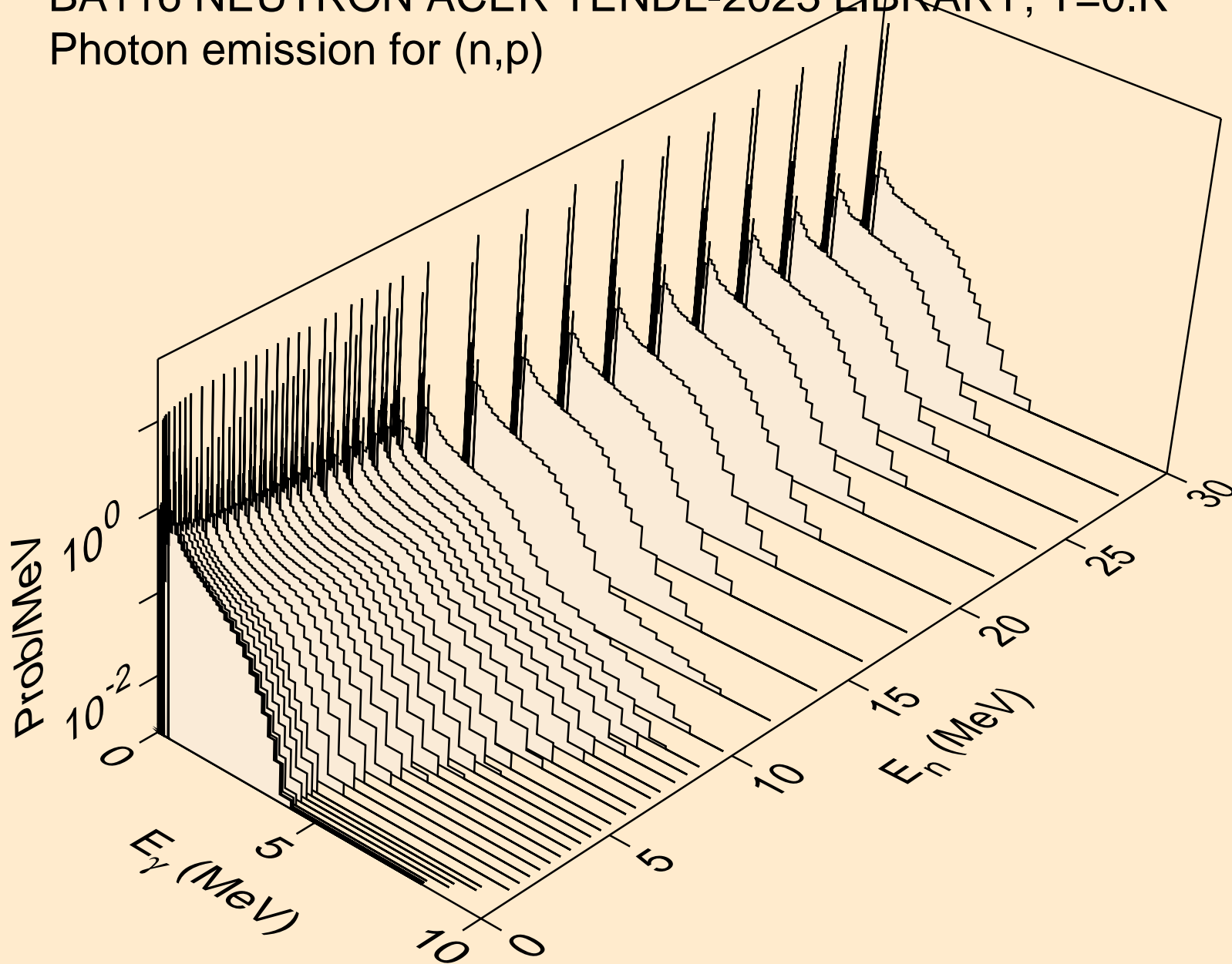
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

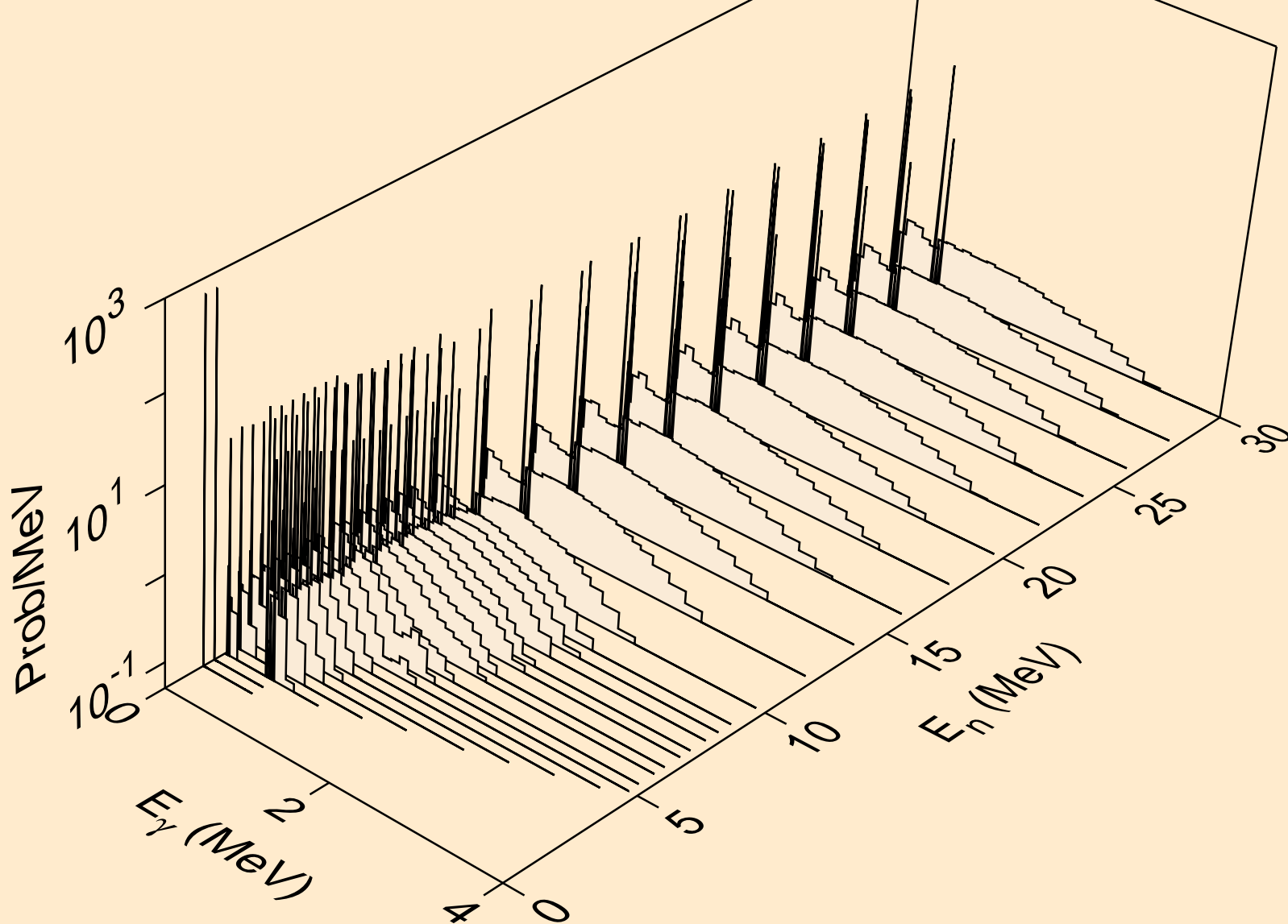


BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

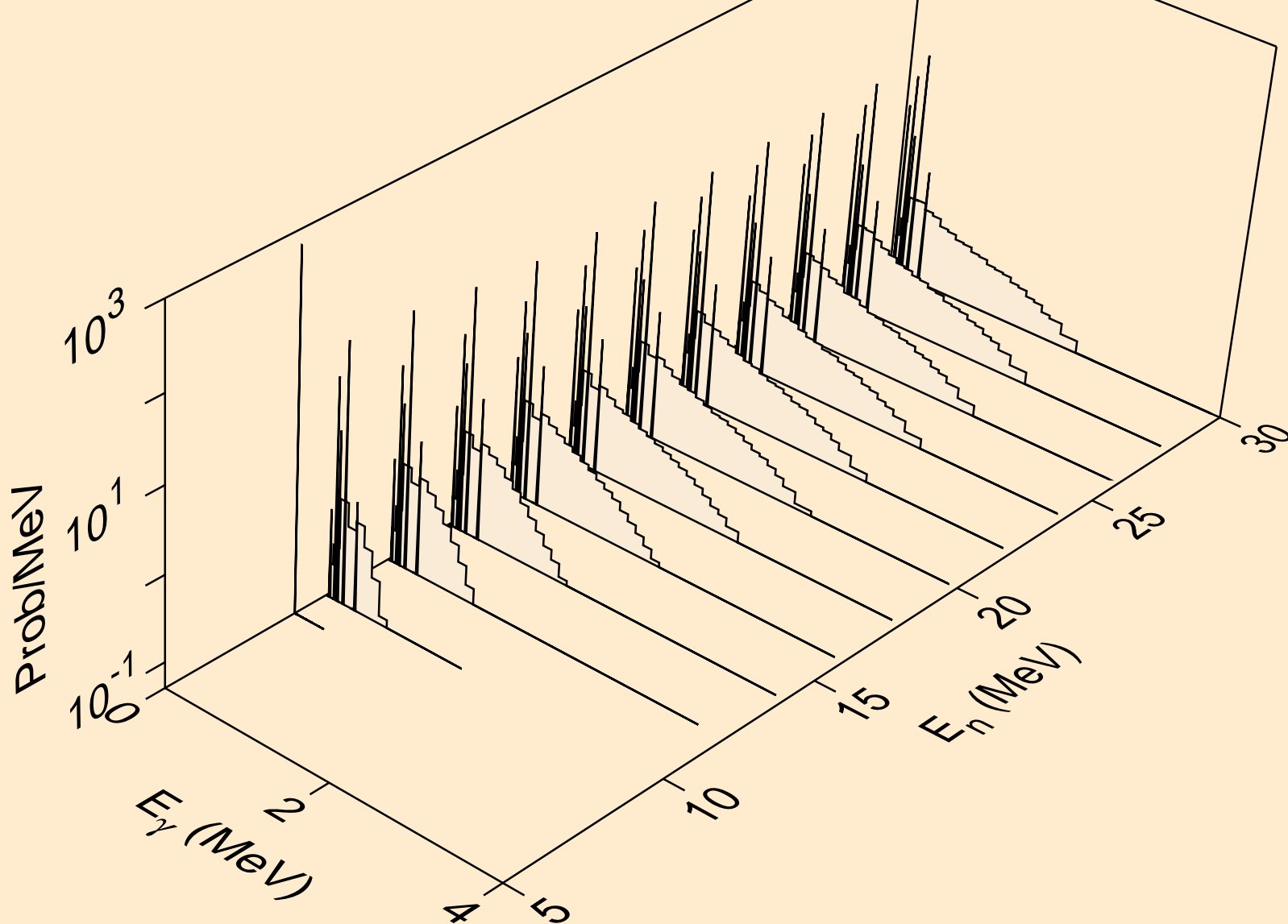




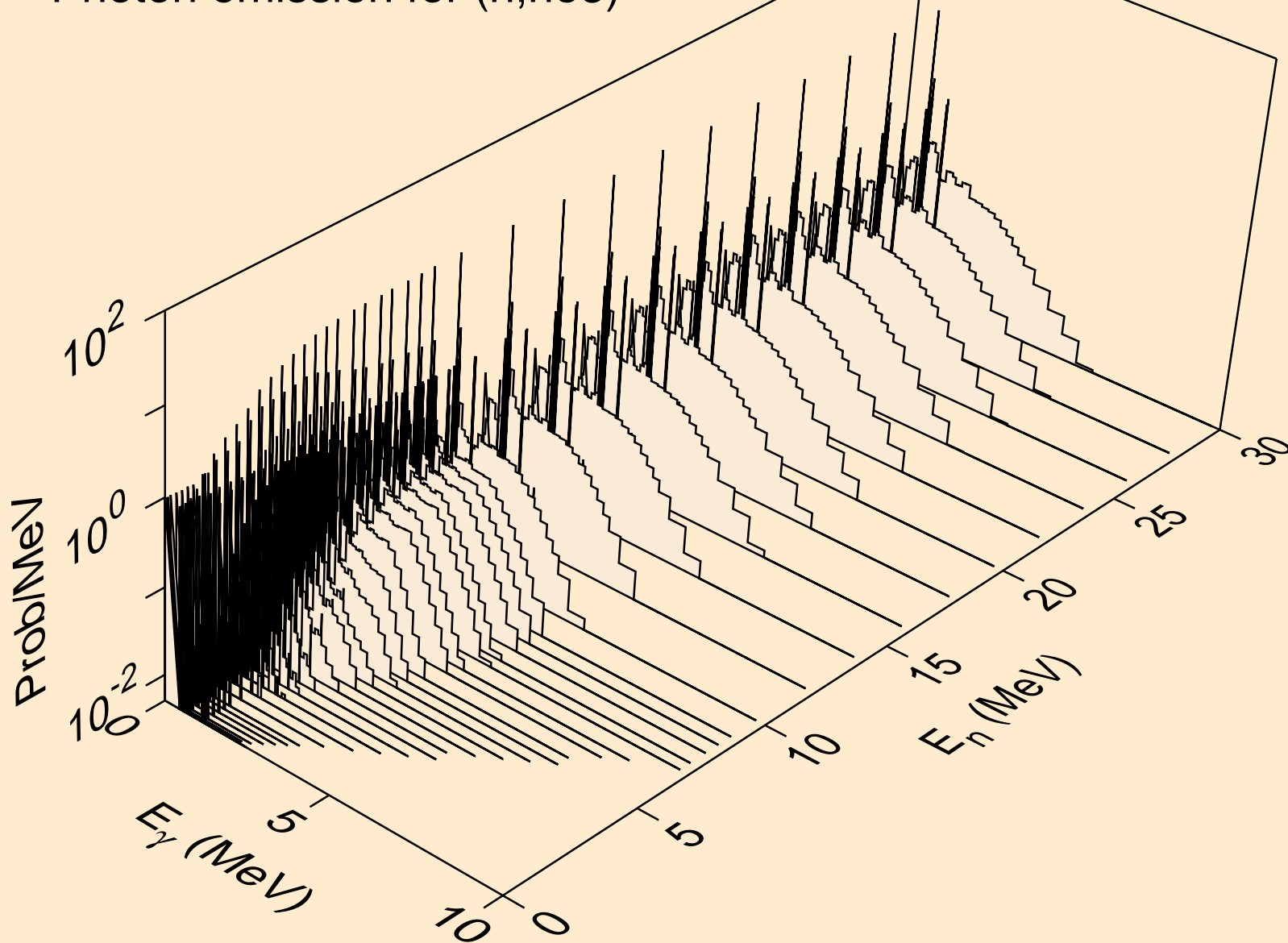
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



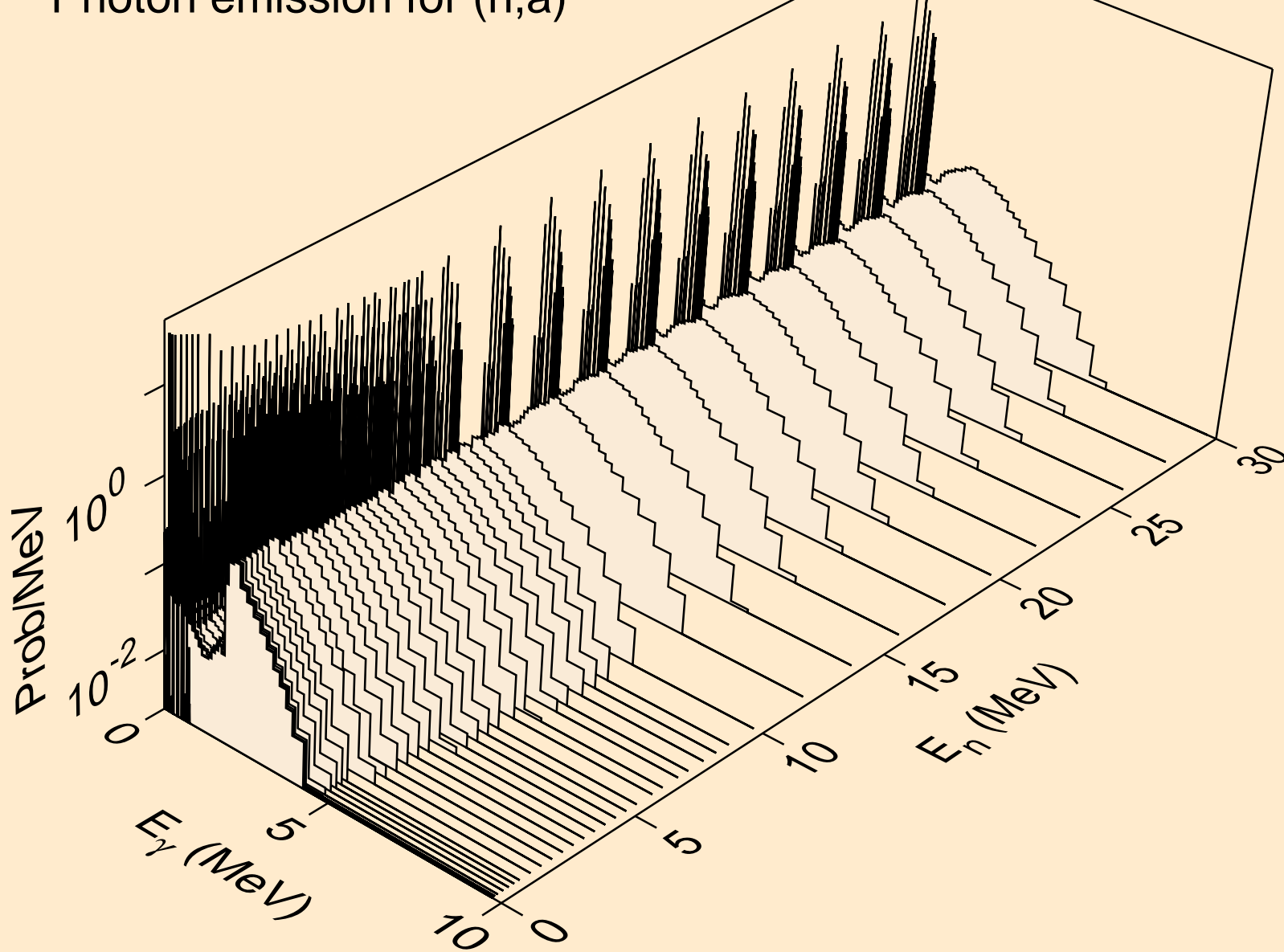
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



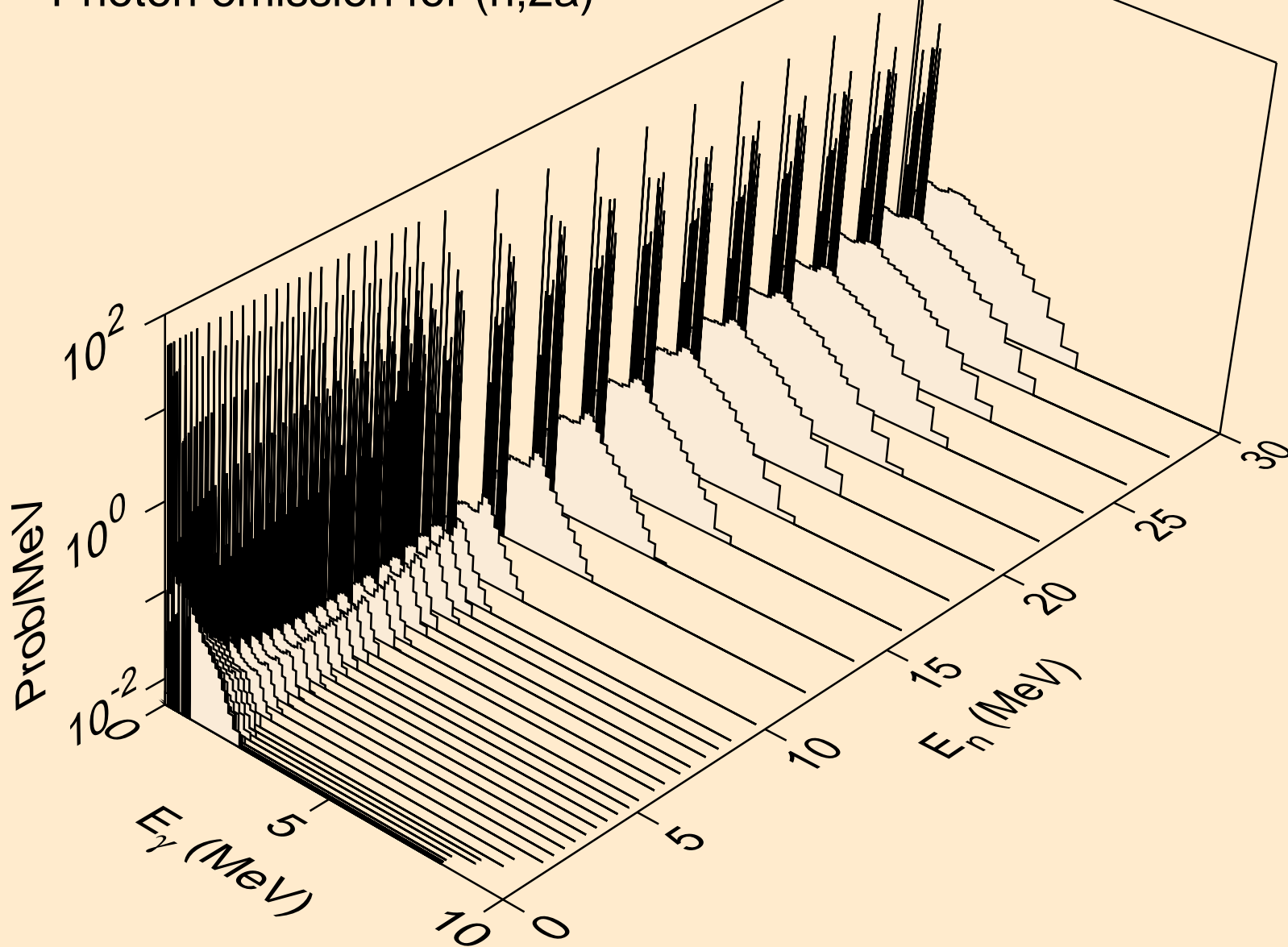
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Photon emission for (n,he3)



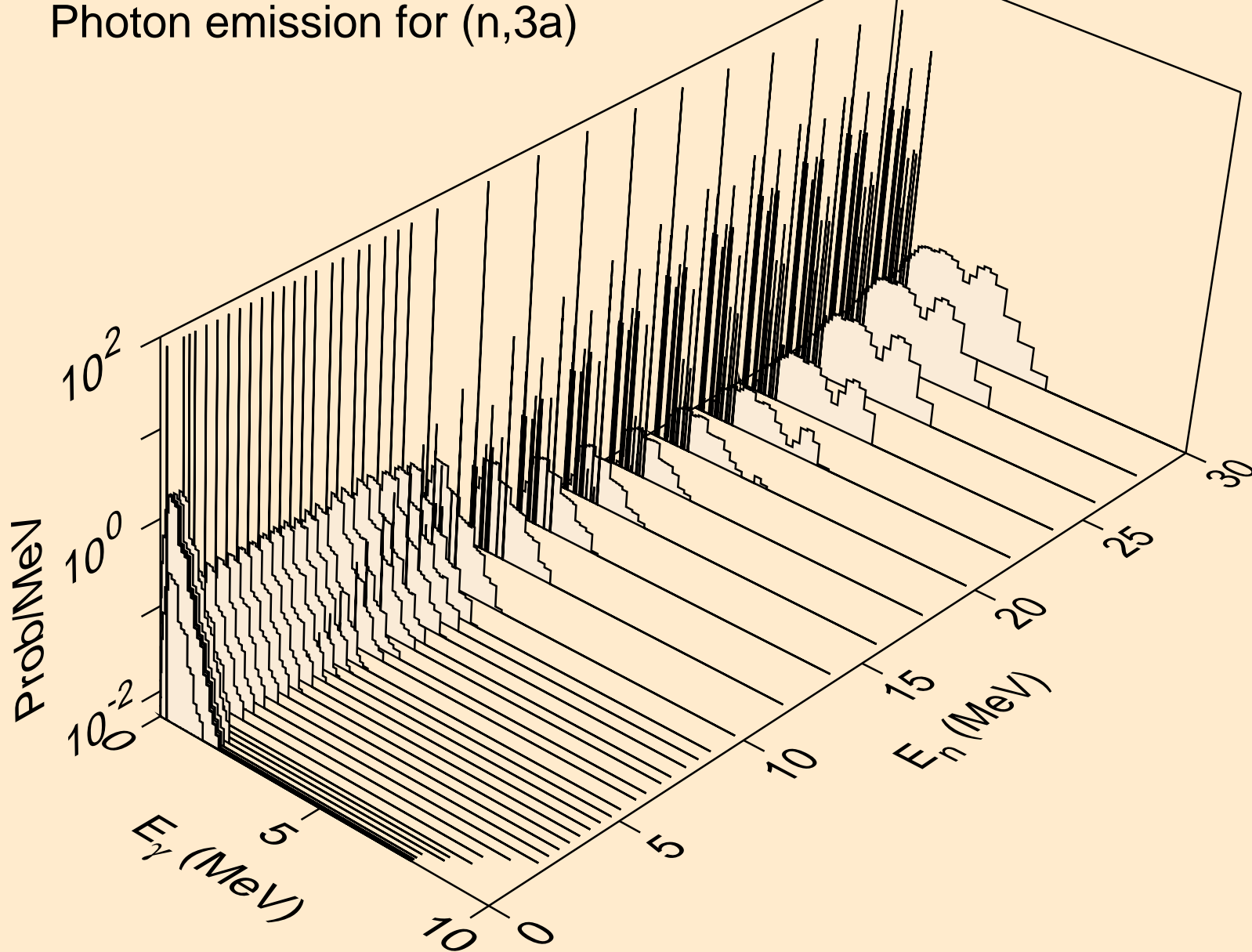
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Photon emission for (n,a)



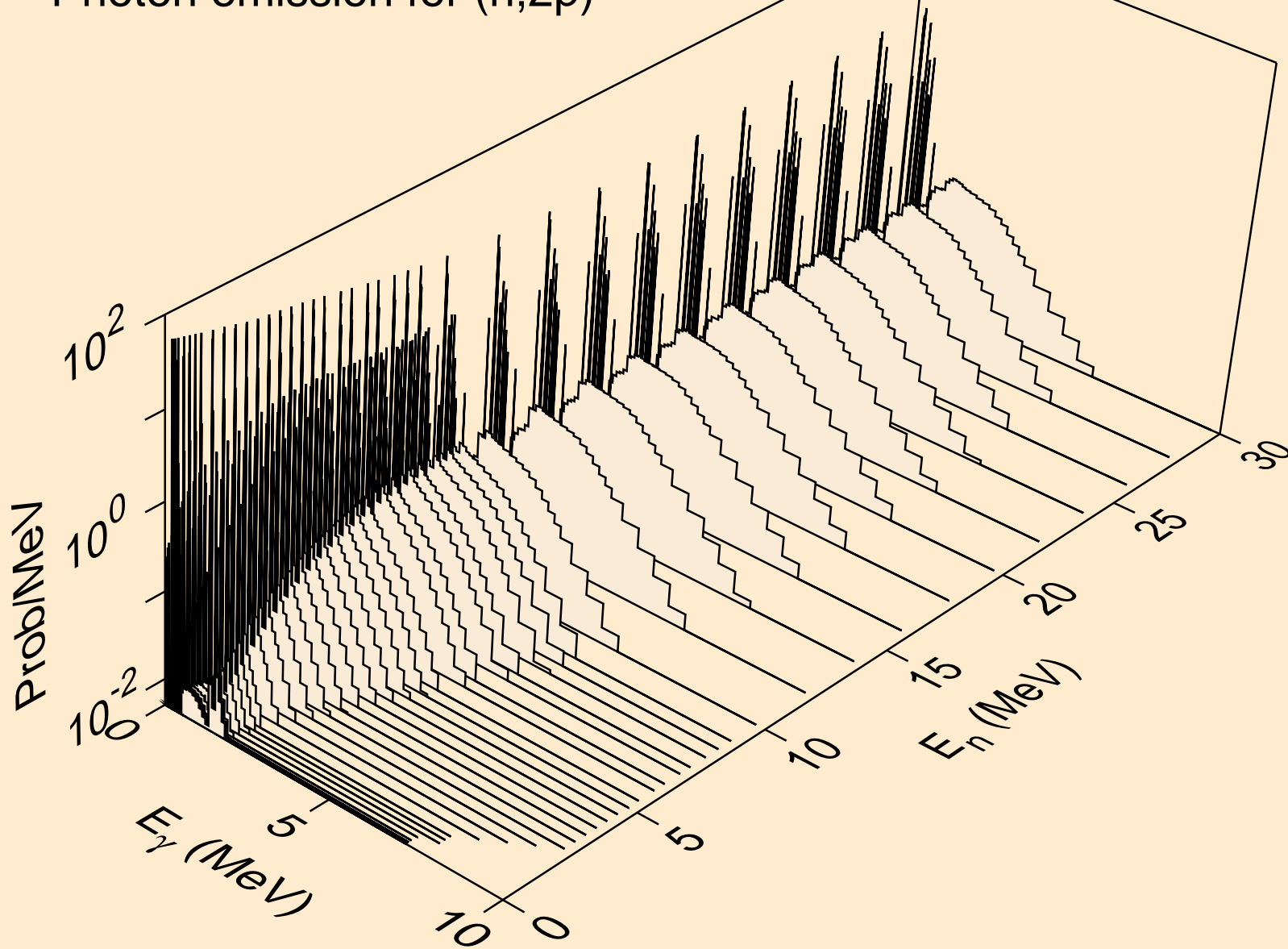
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Photon emission for (n,2a)



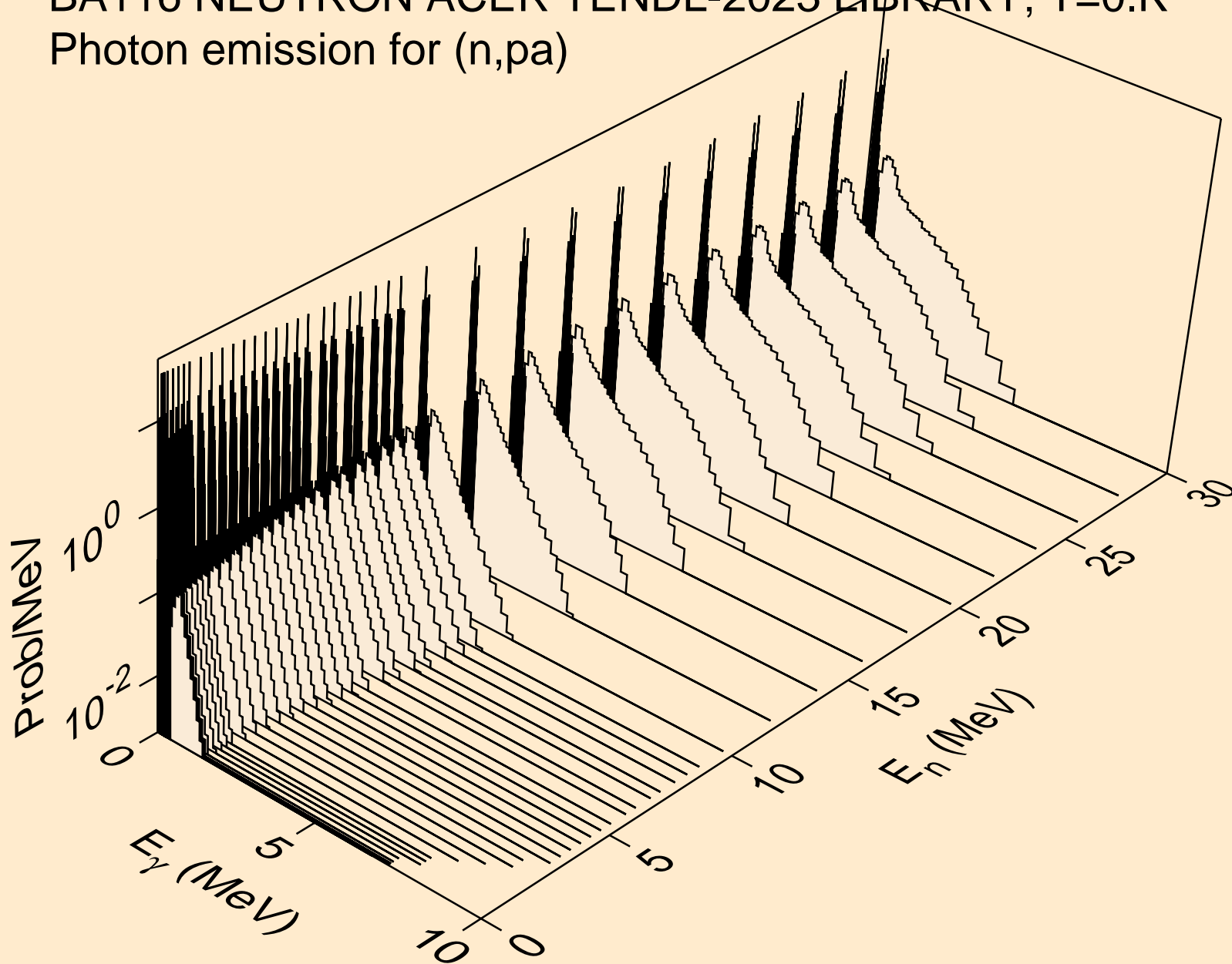
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

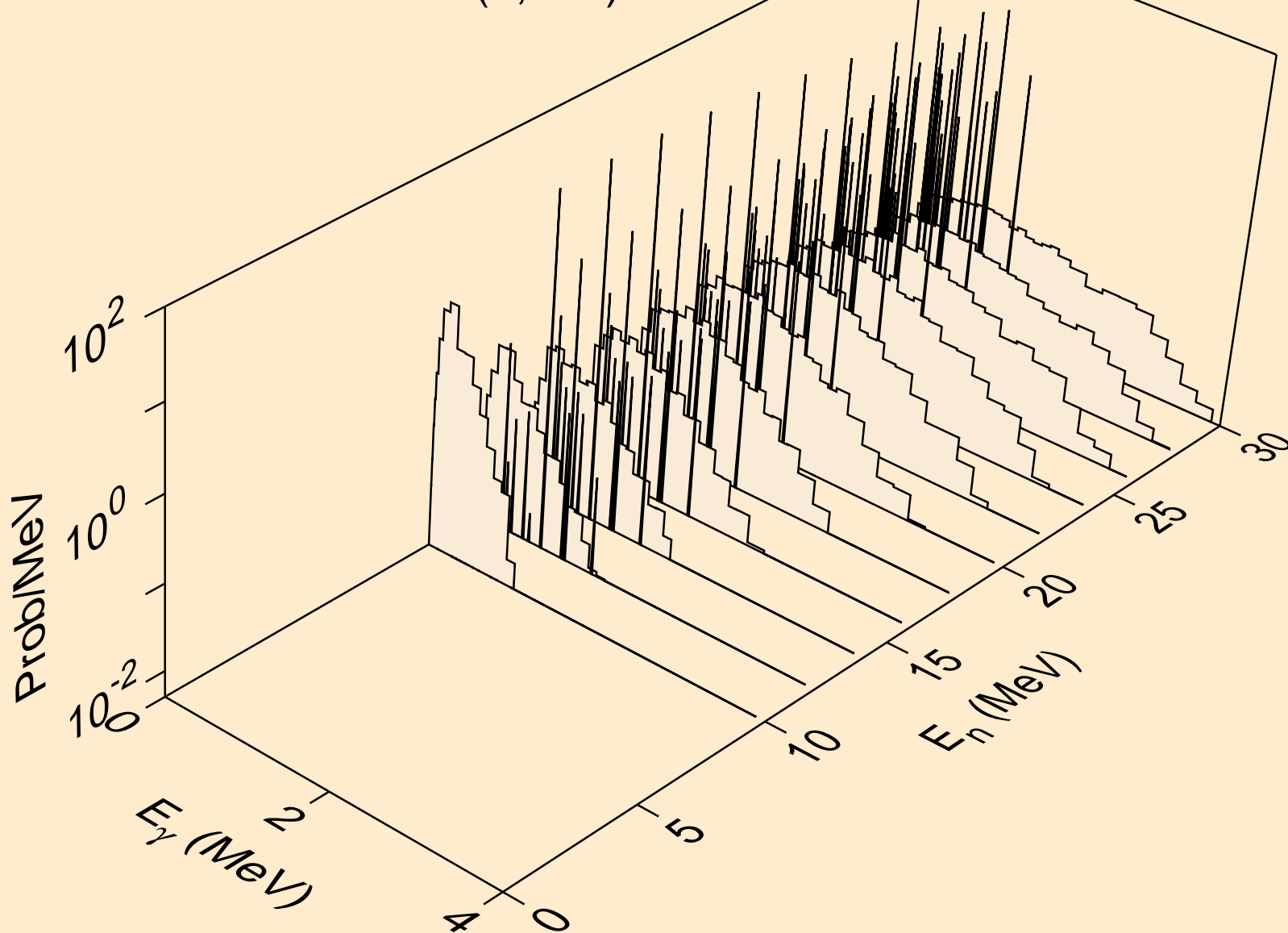


BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

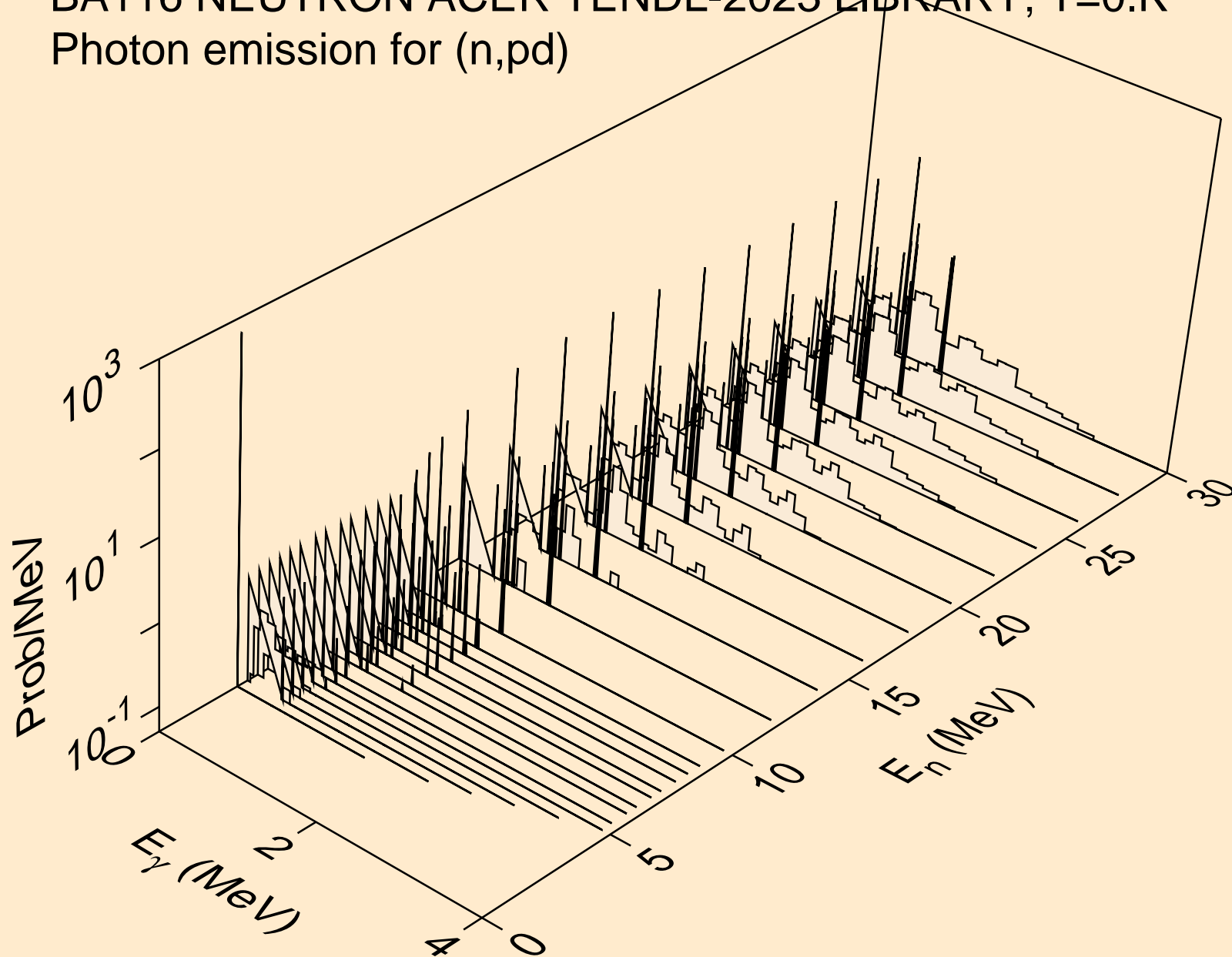




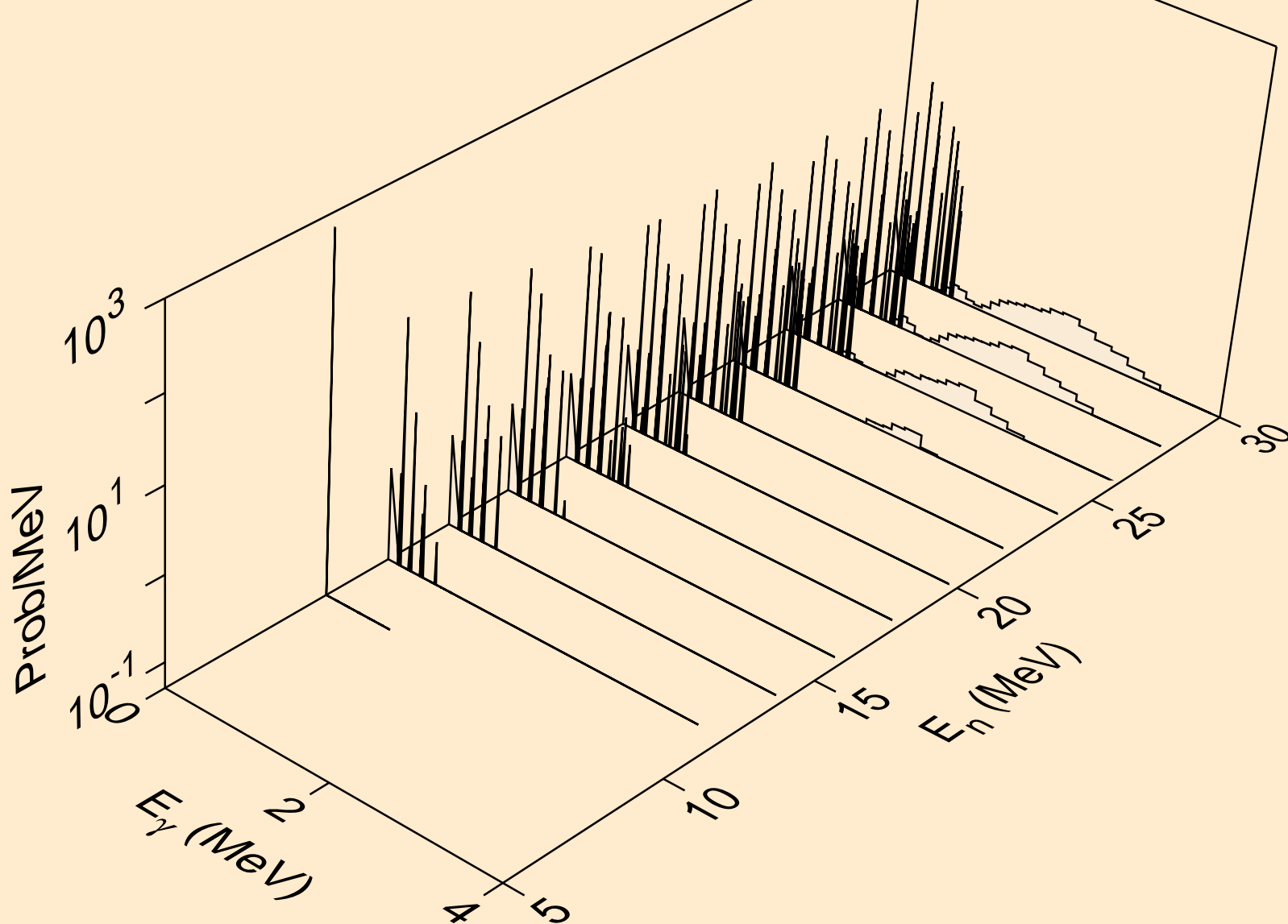
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



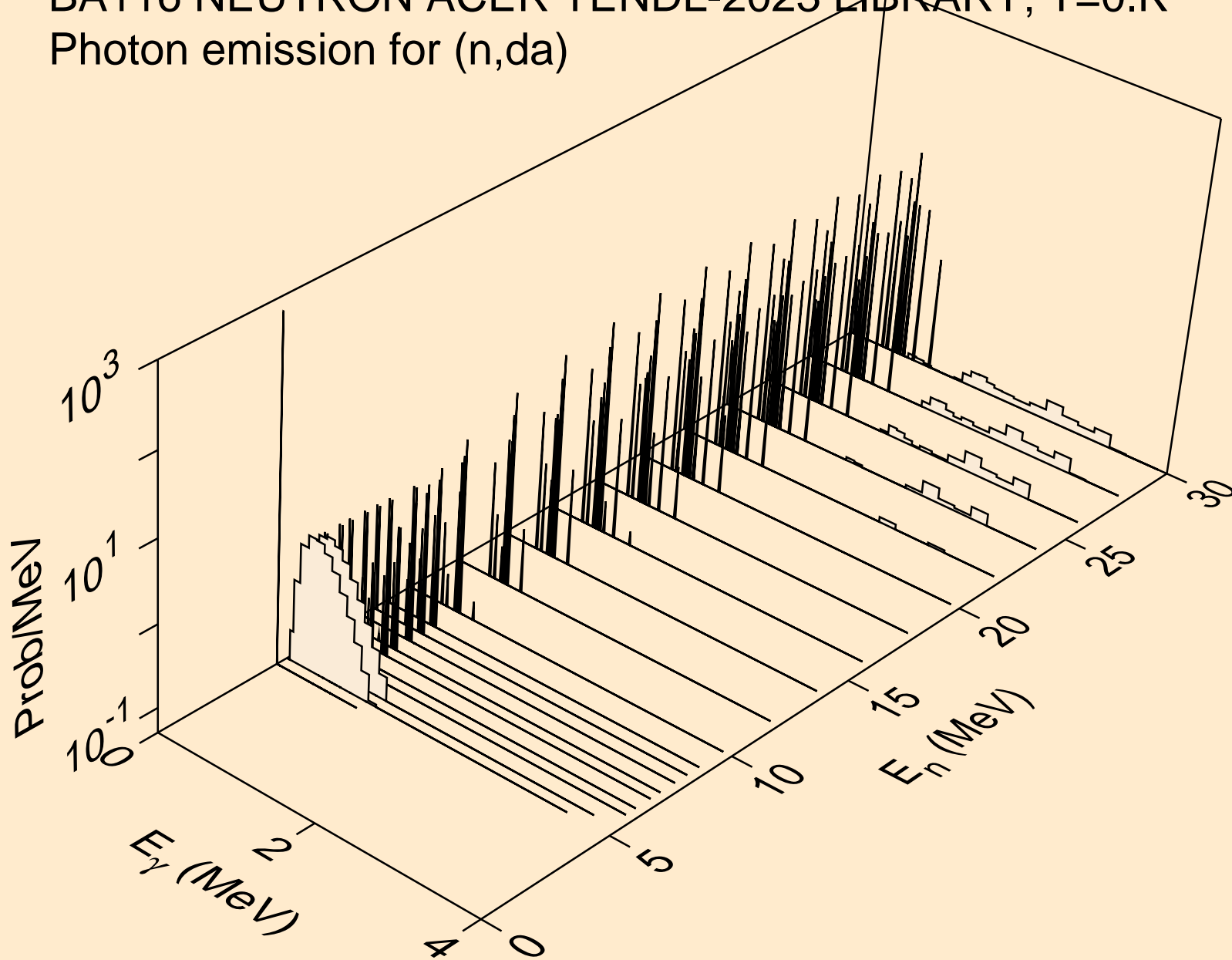
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



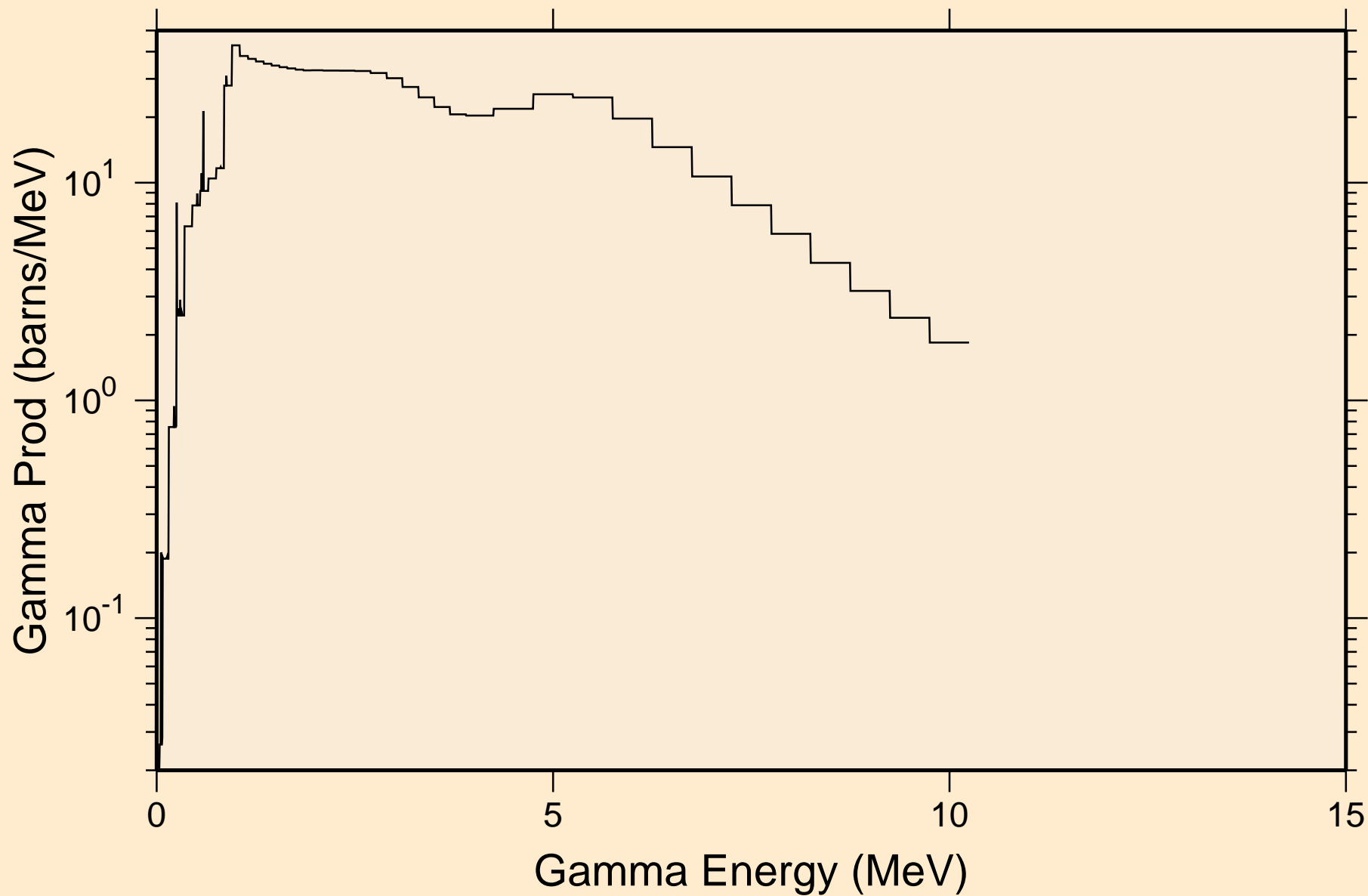
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Photon emission for (n,pt)



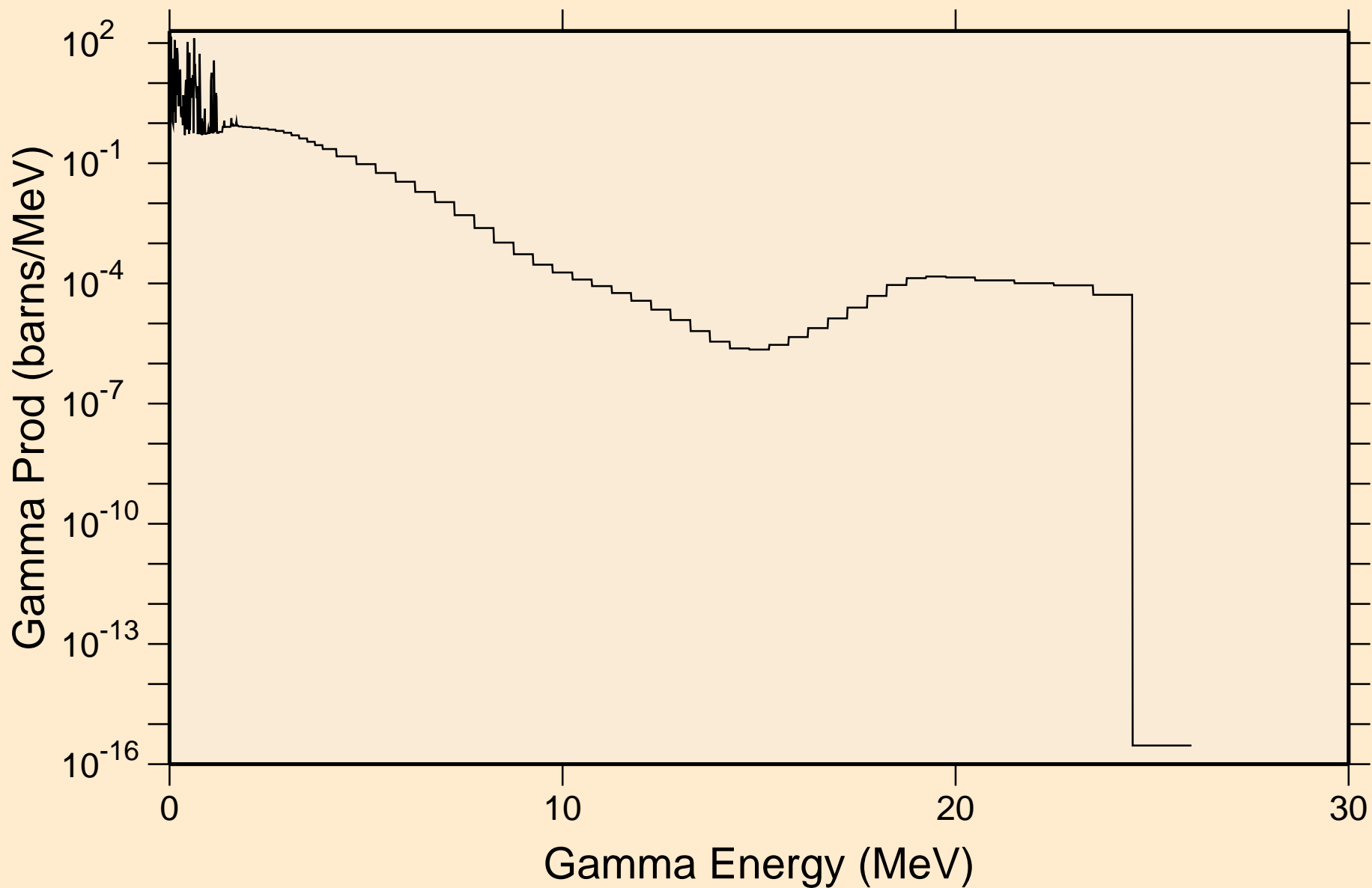
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

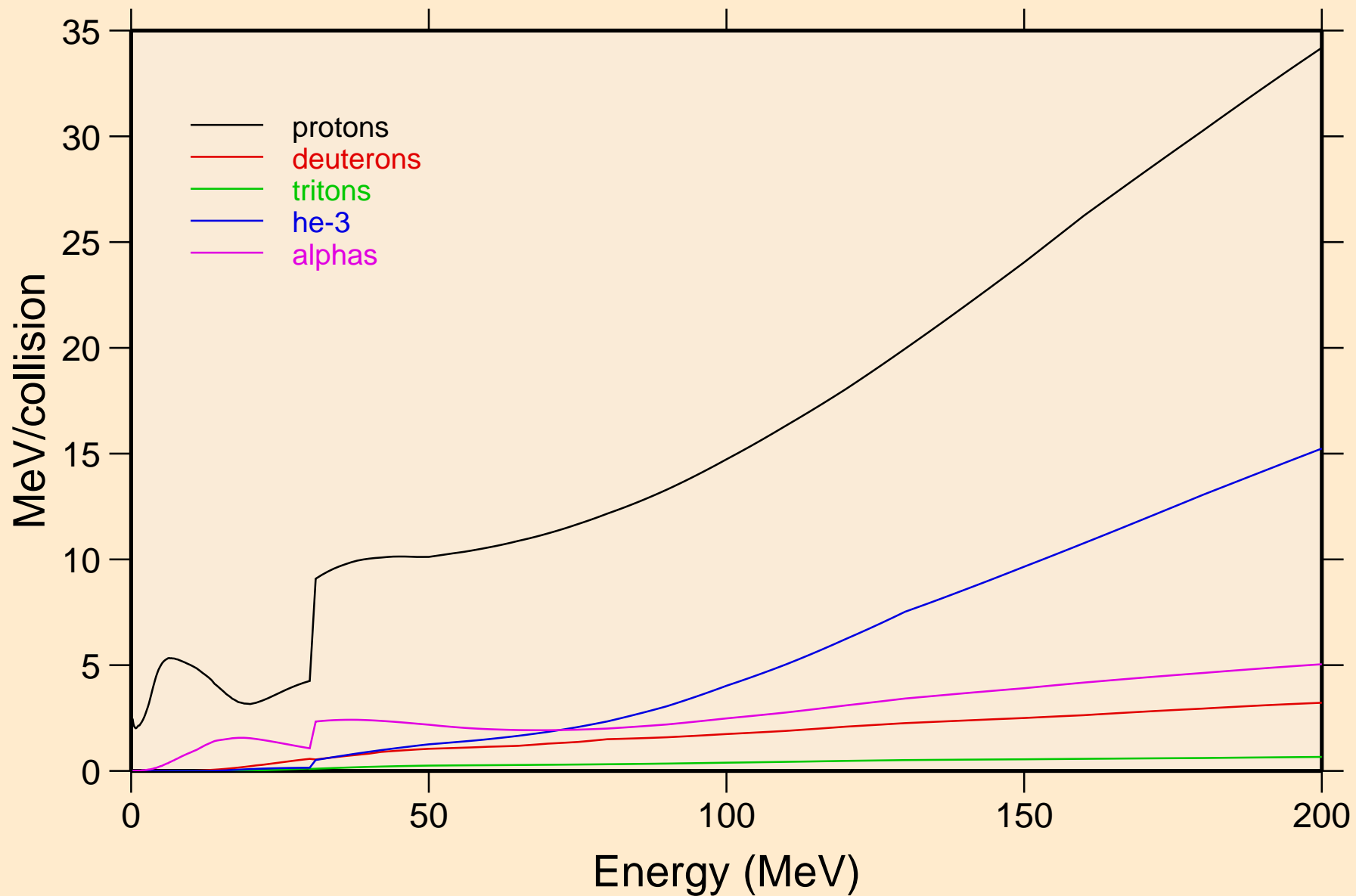


BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

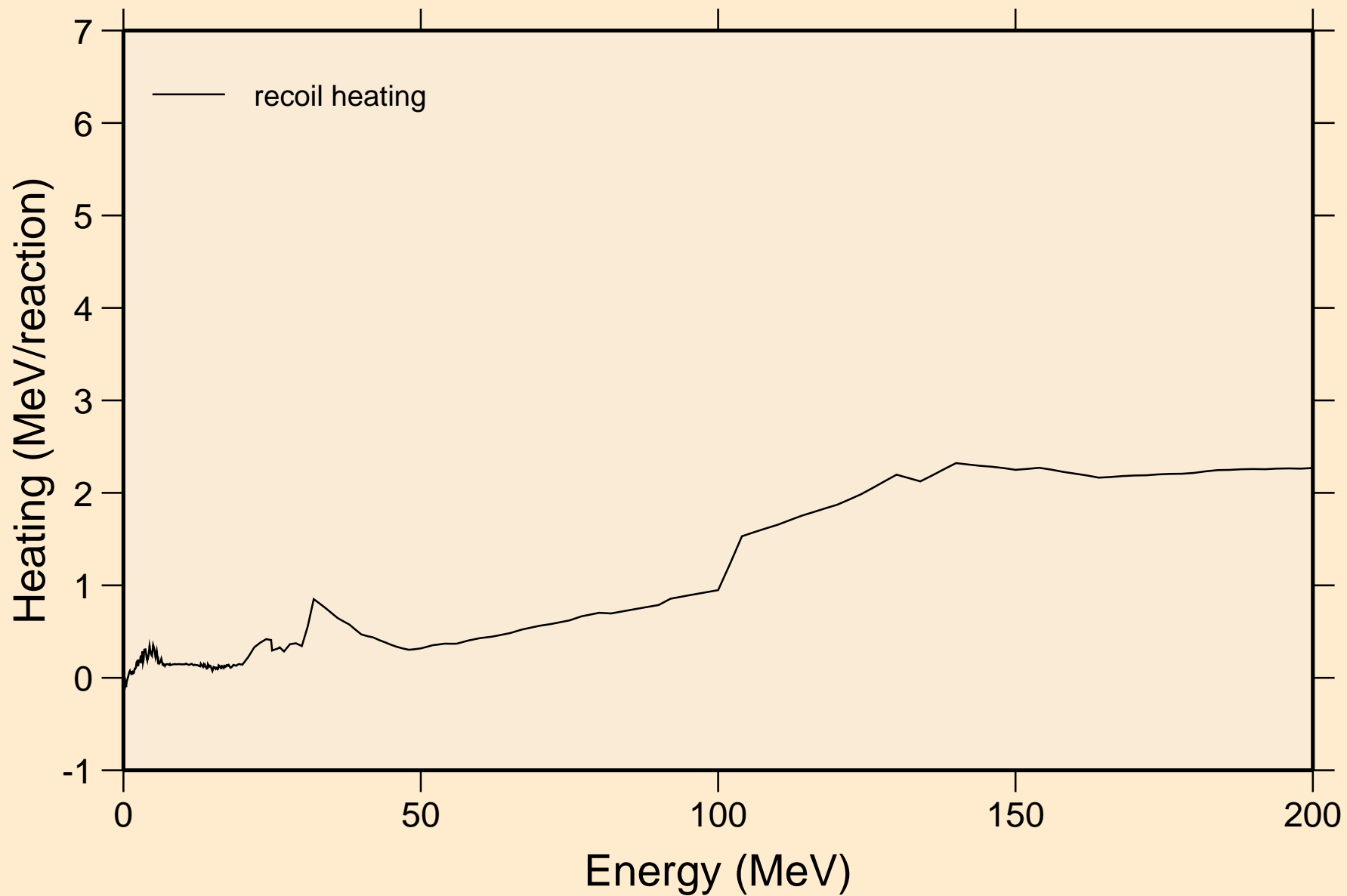


# BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



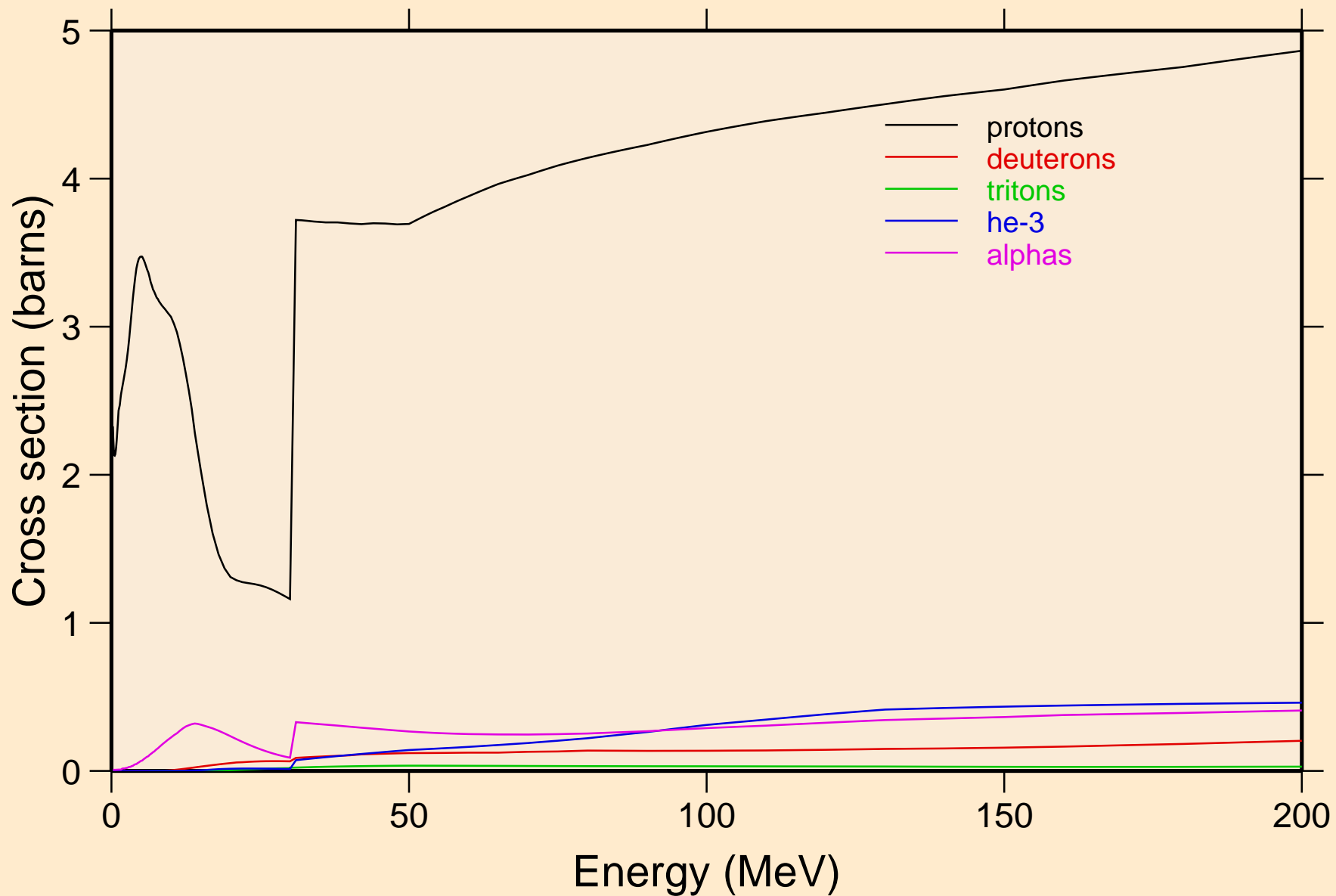
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Recoil Heating



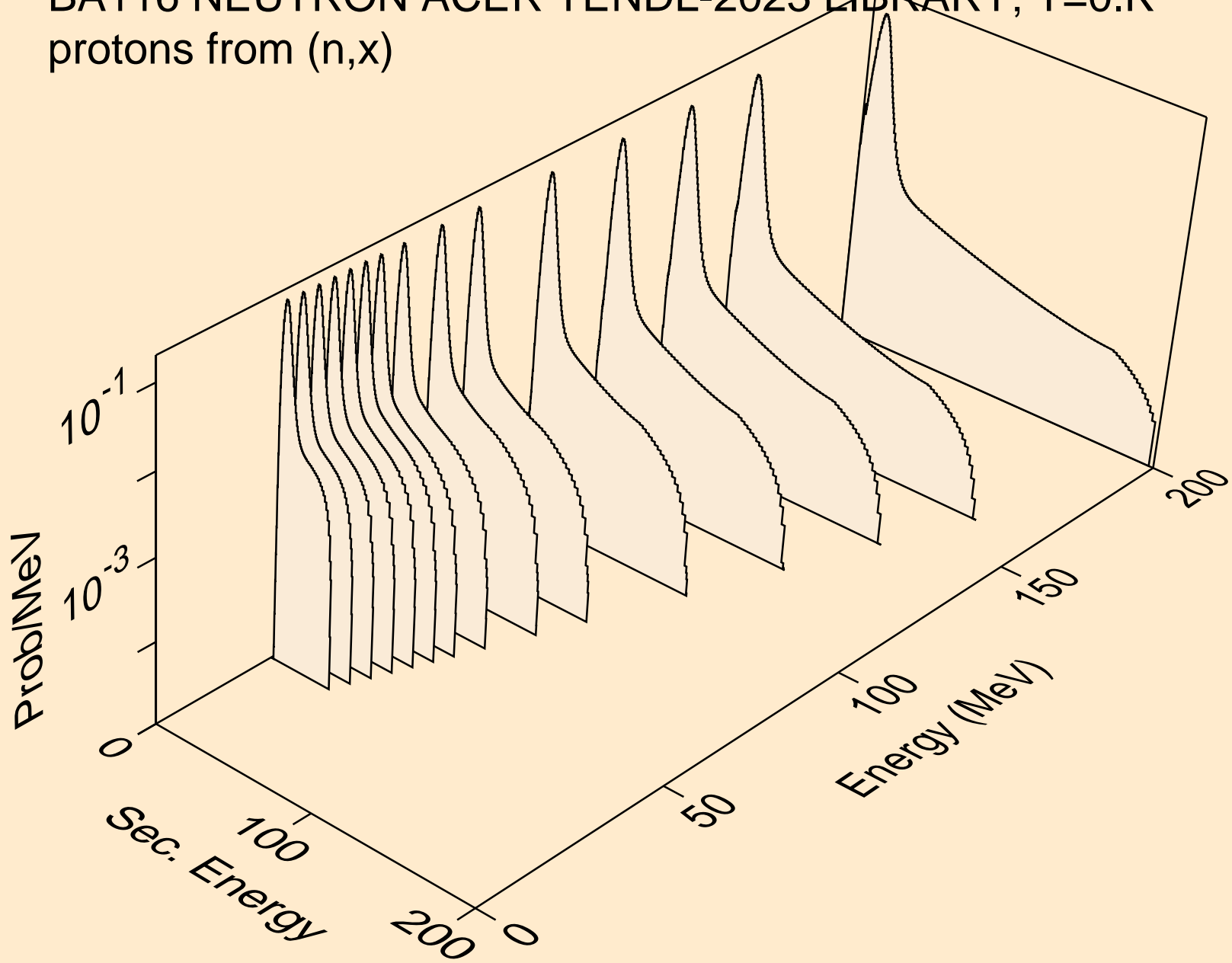


# BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

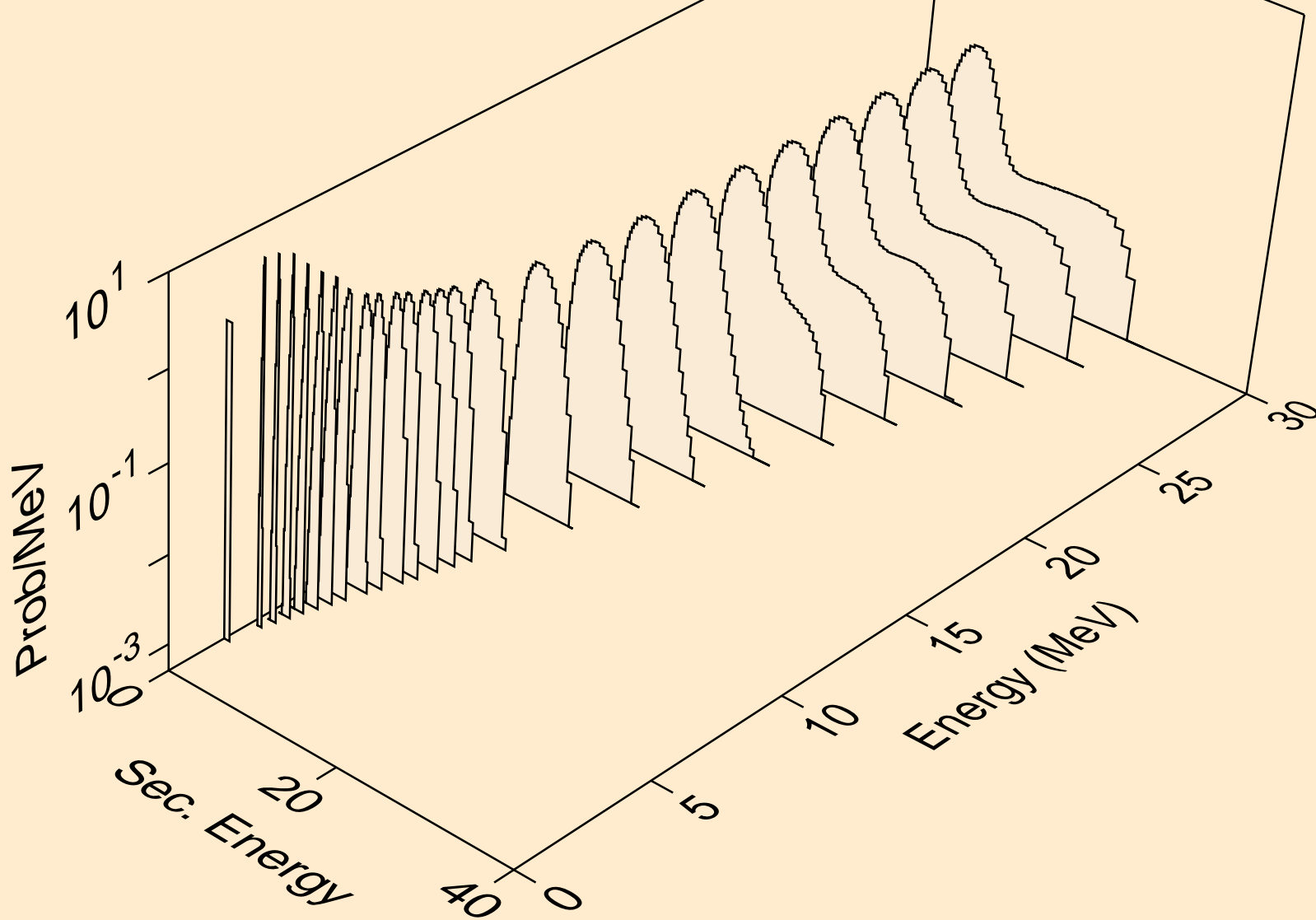
## Particle production cross sections



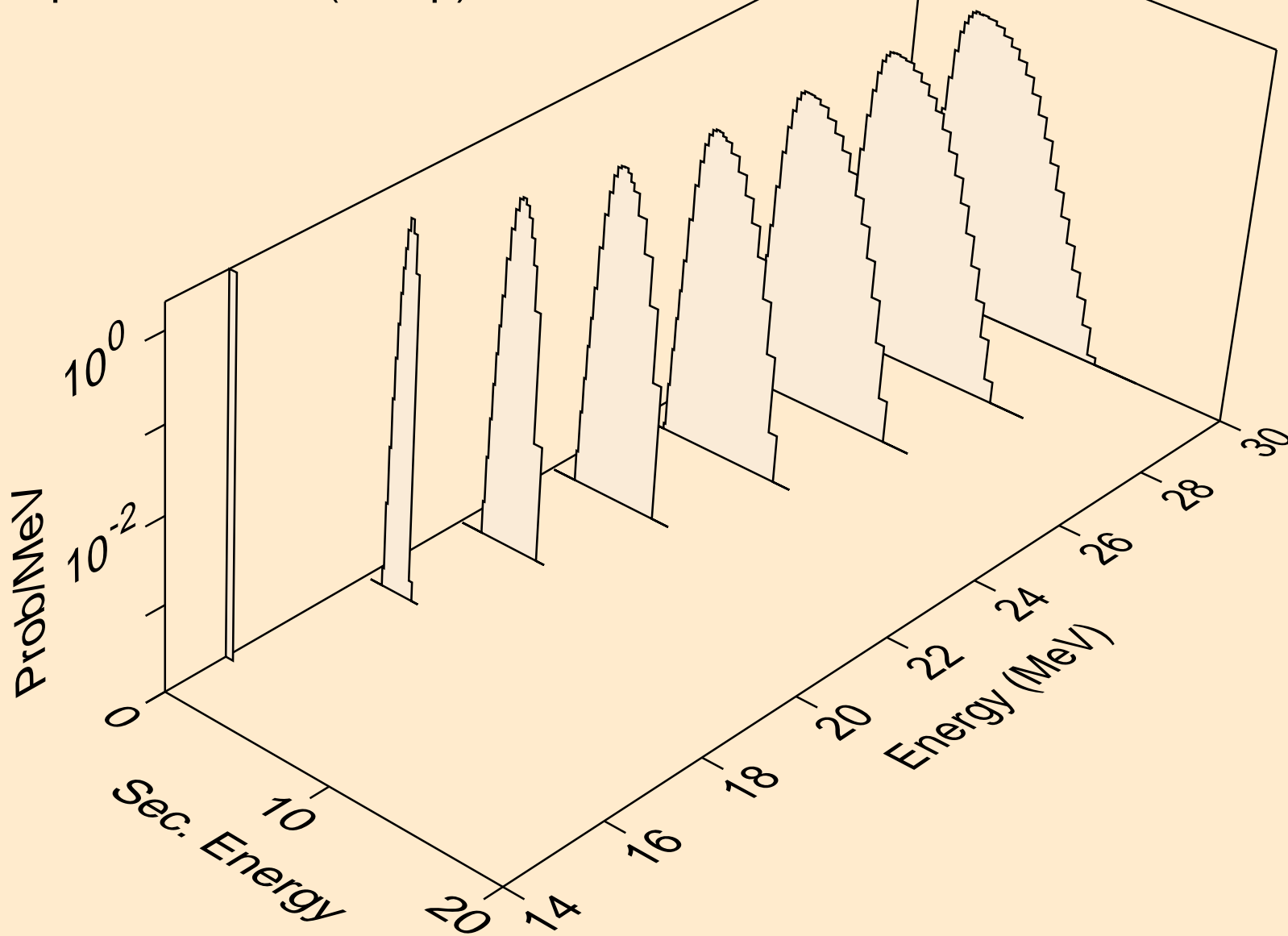
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



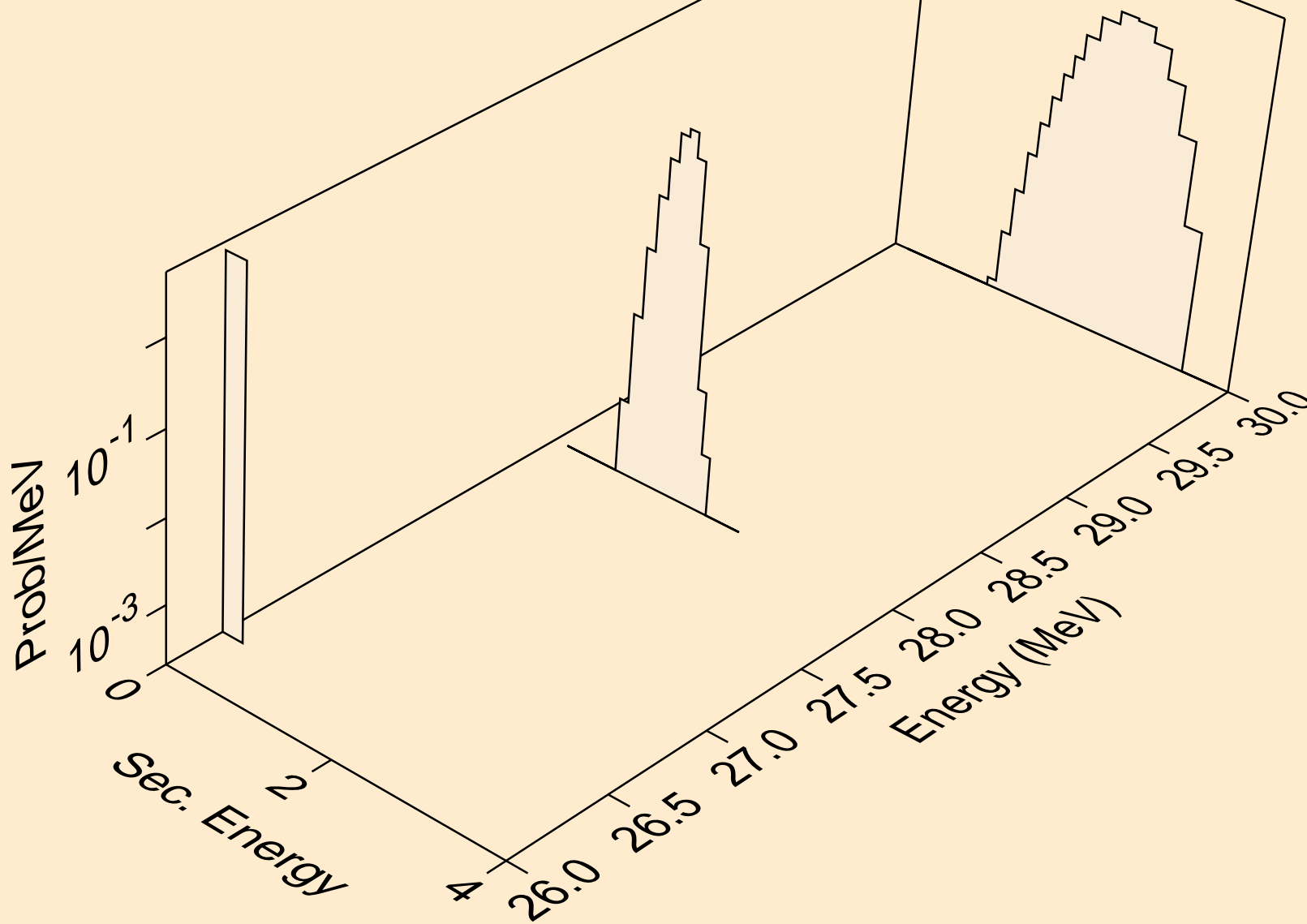
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



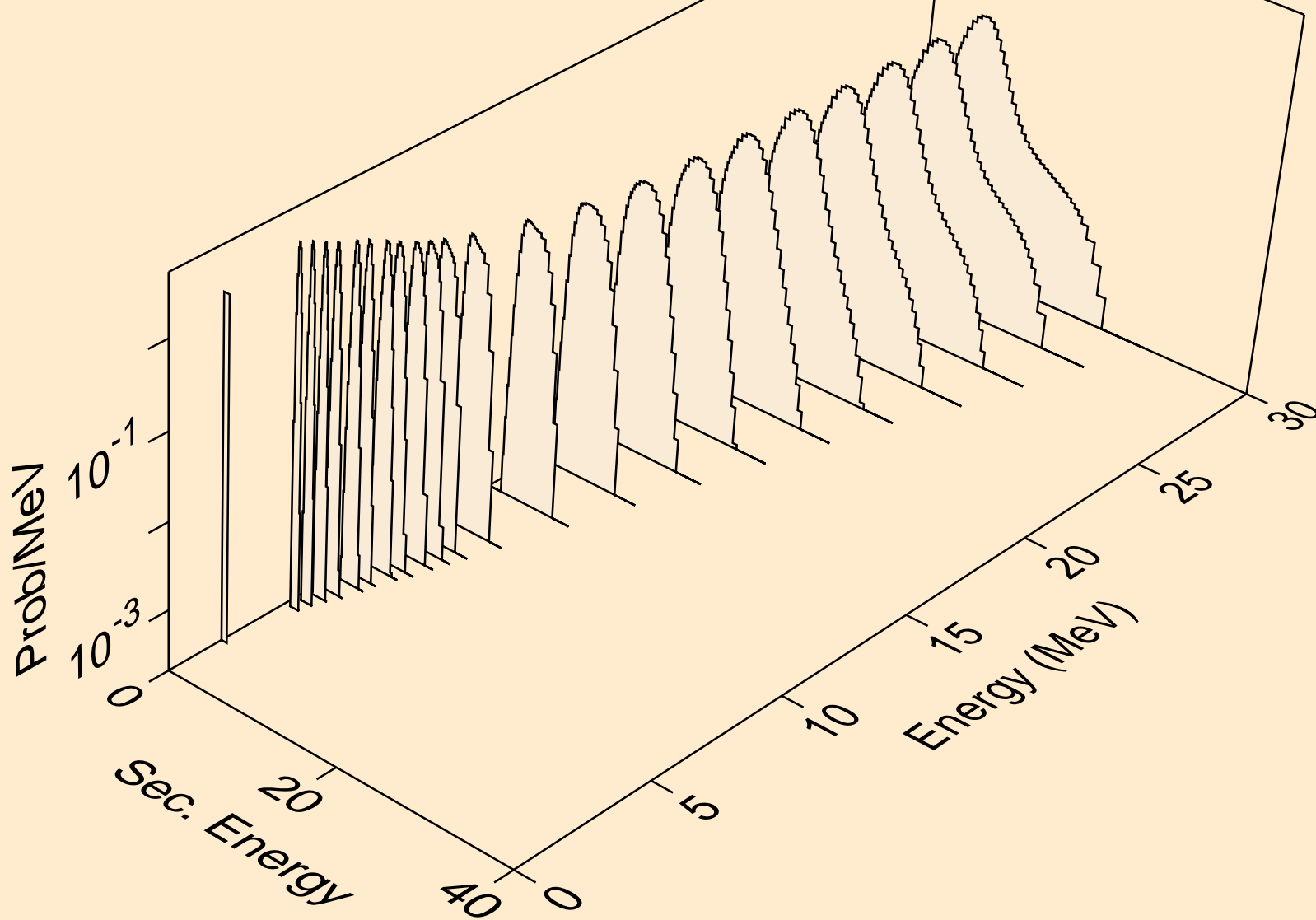
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protons from (n,2np)



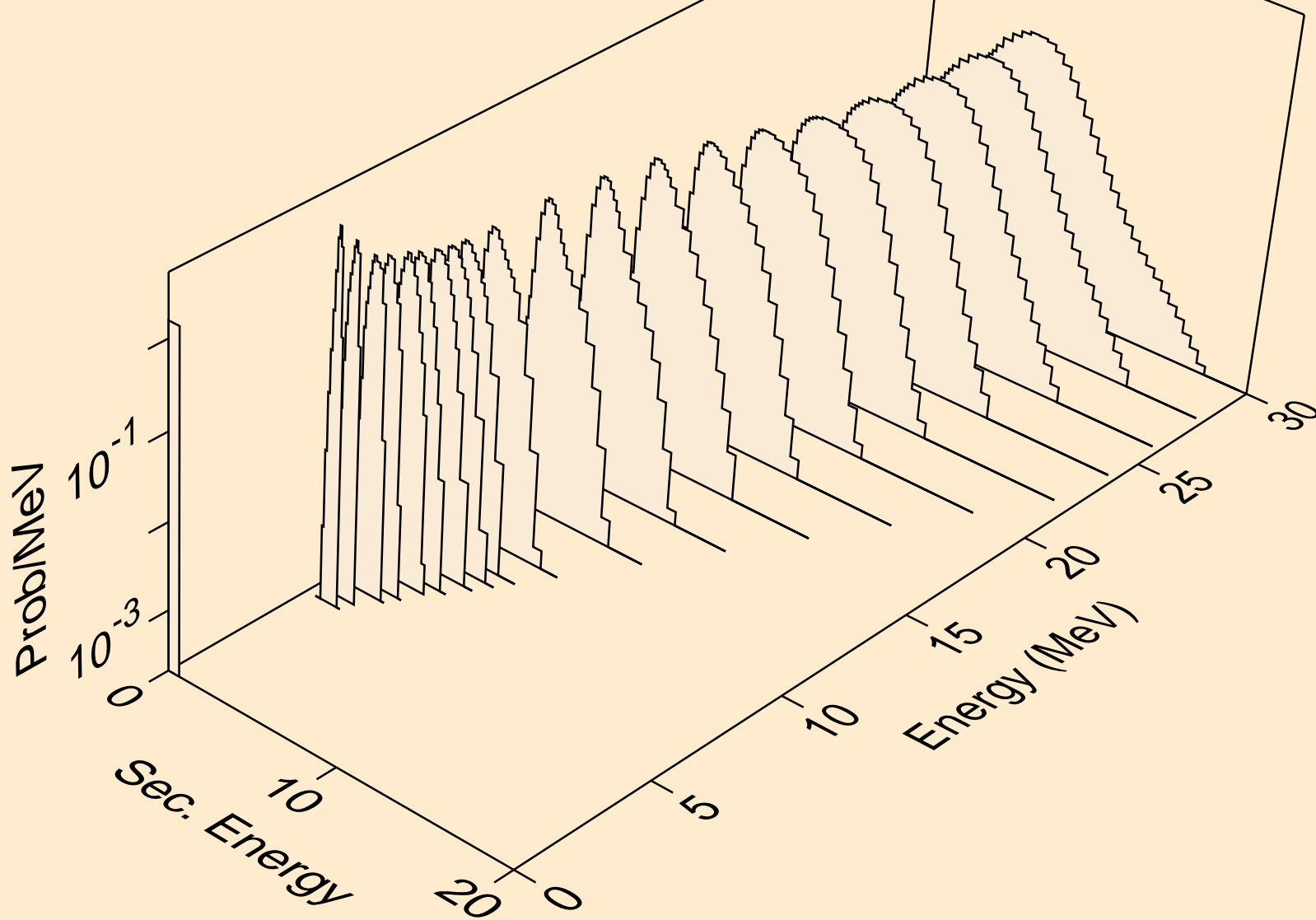
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protons from (n,3np)



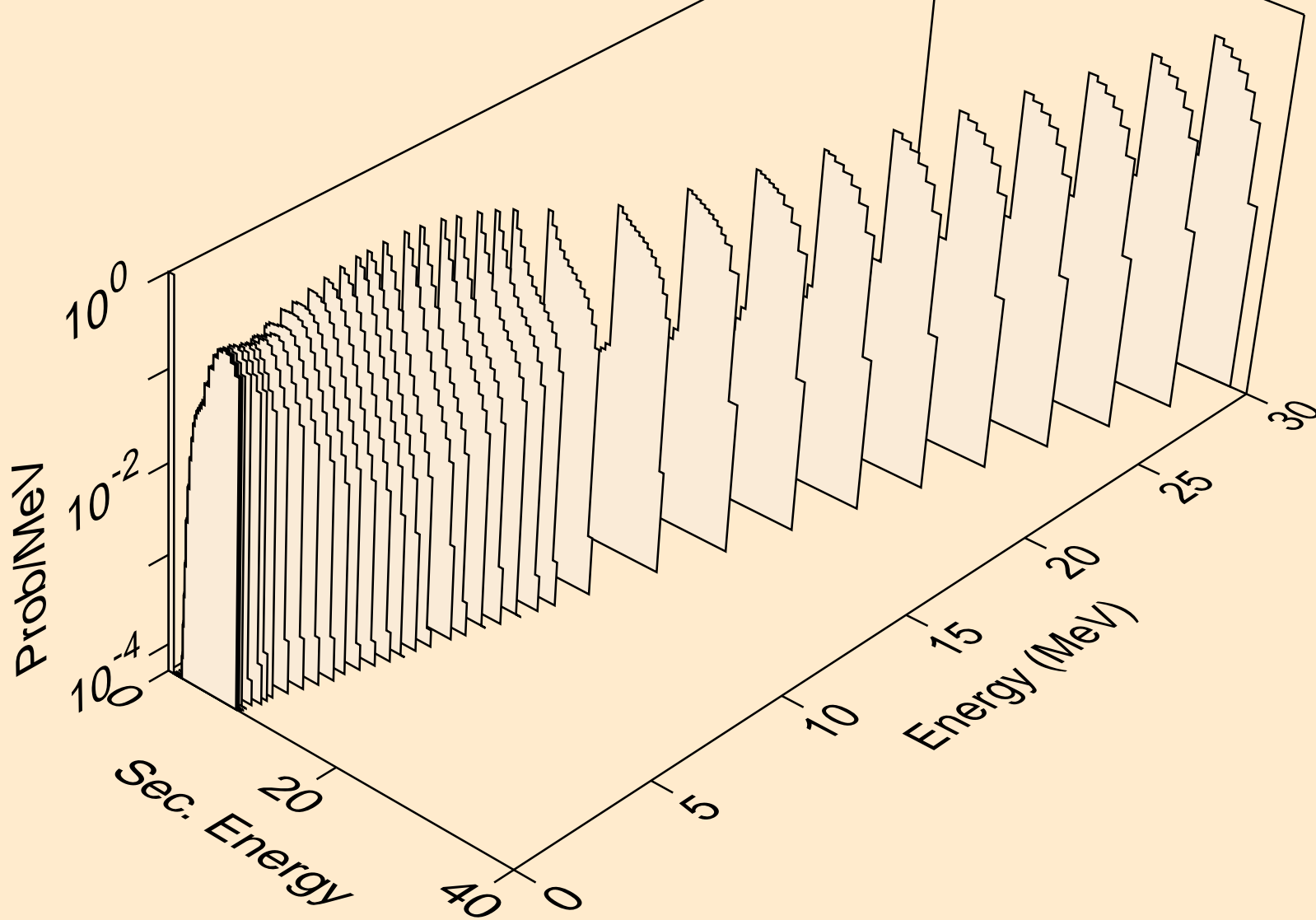
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protons from (n,n2p)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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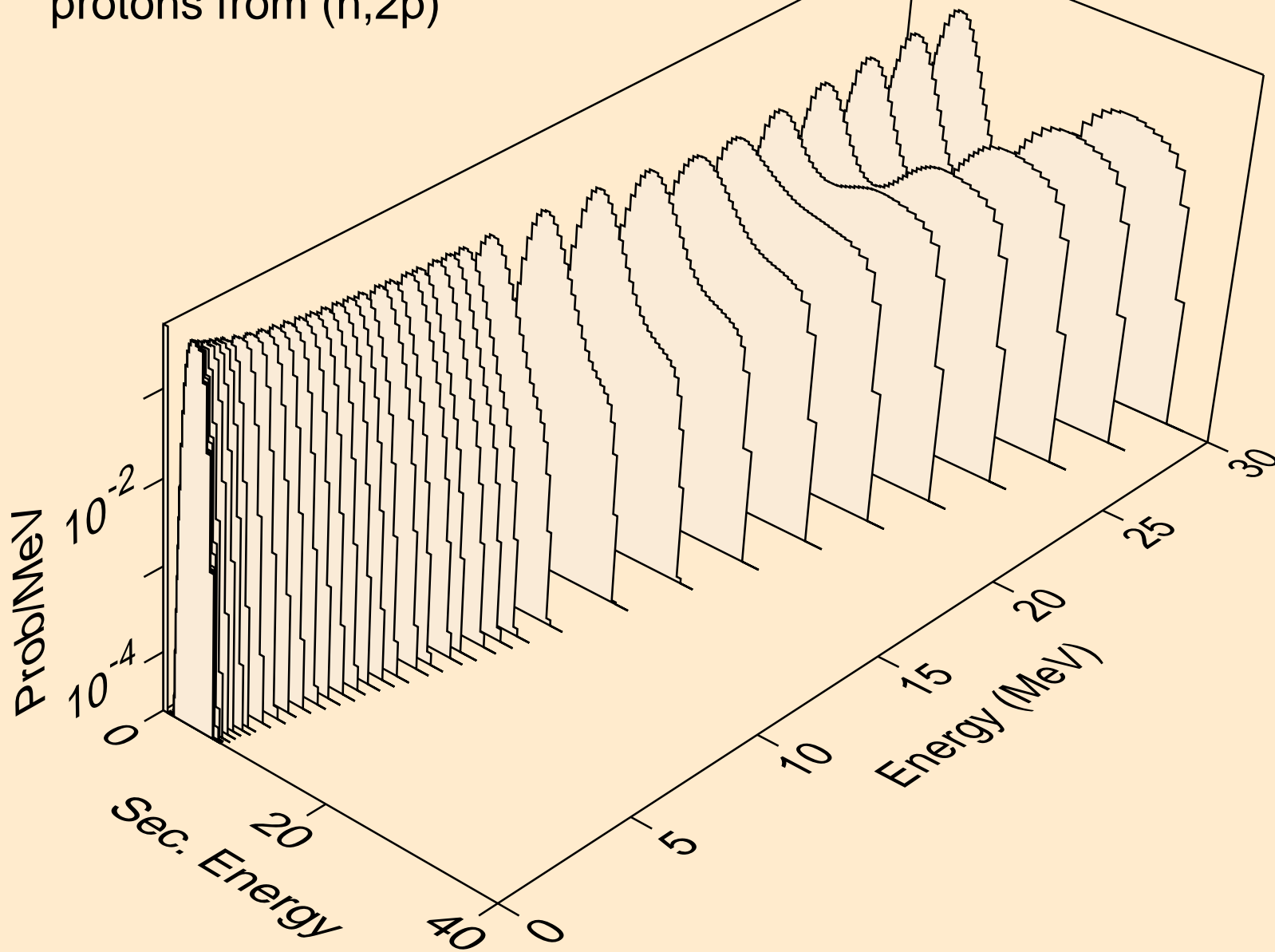


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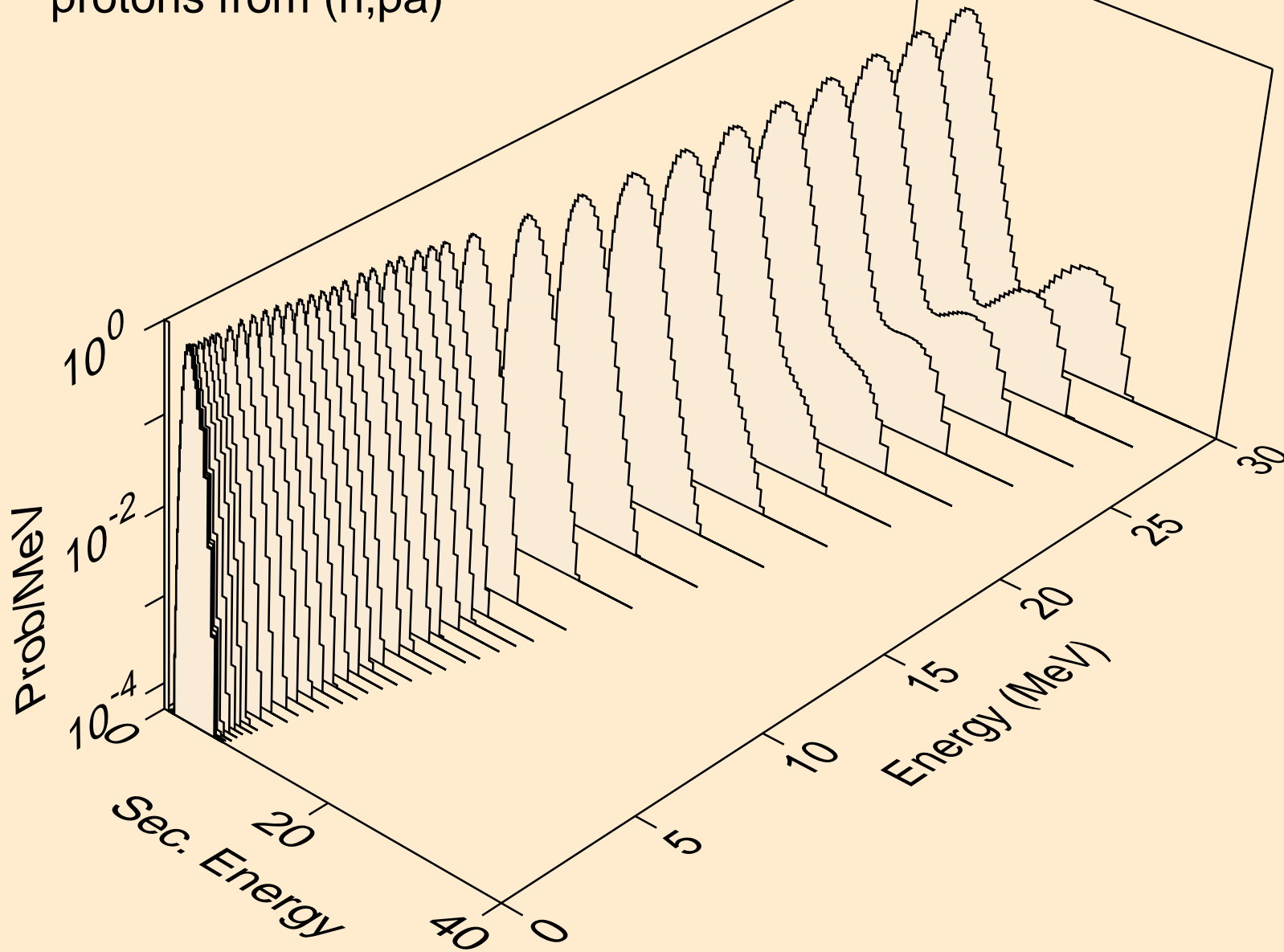




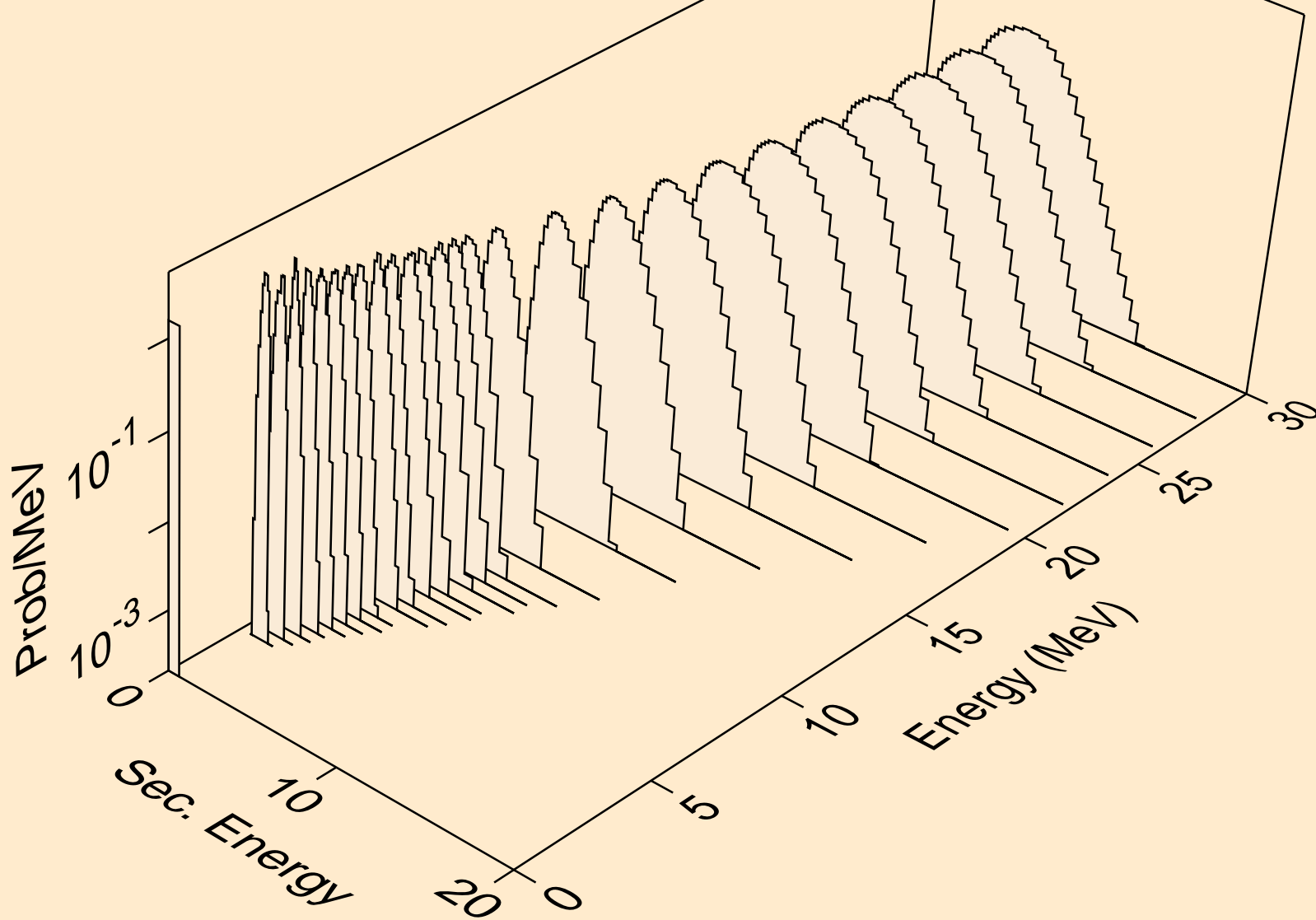
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protons from (n,2p)



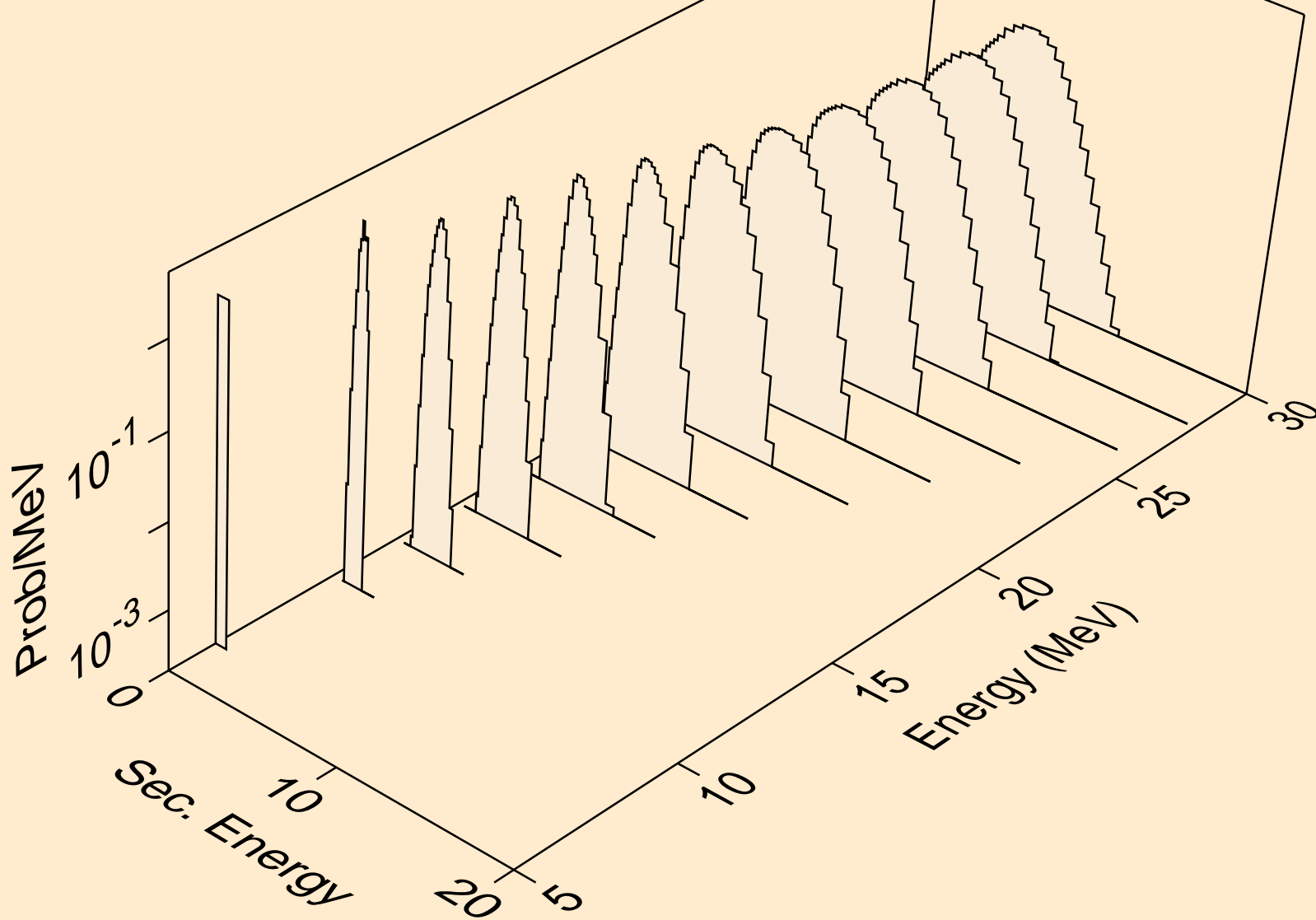
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protons from (n,p)



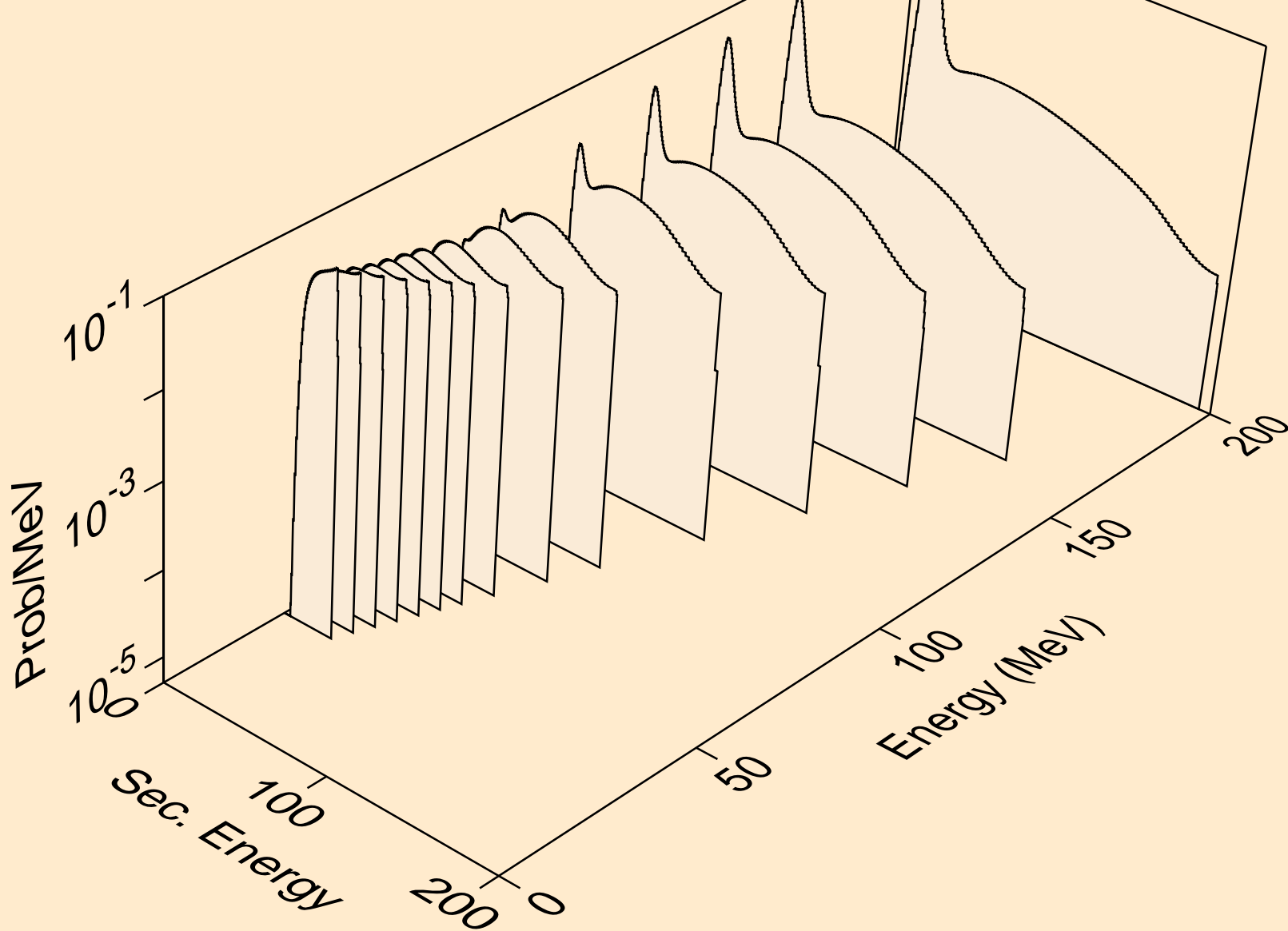
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protons from (n,pd)



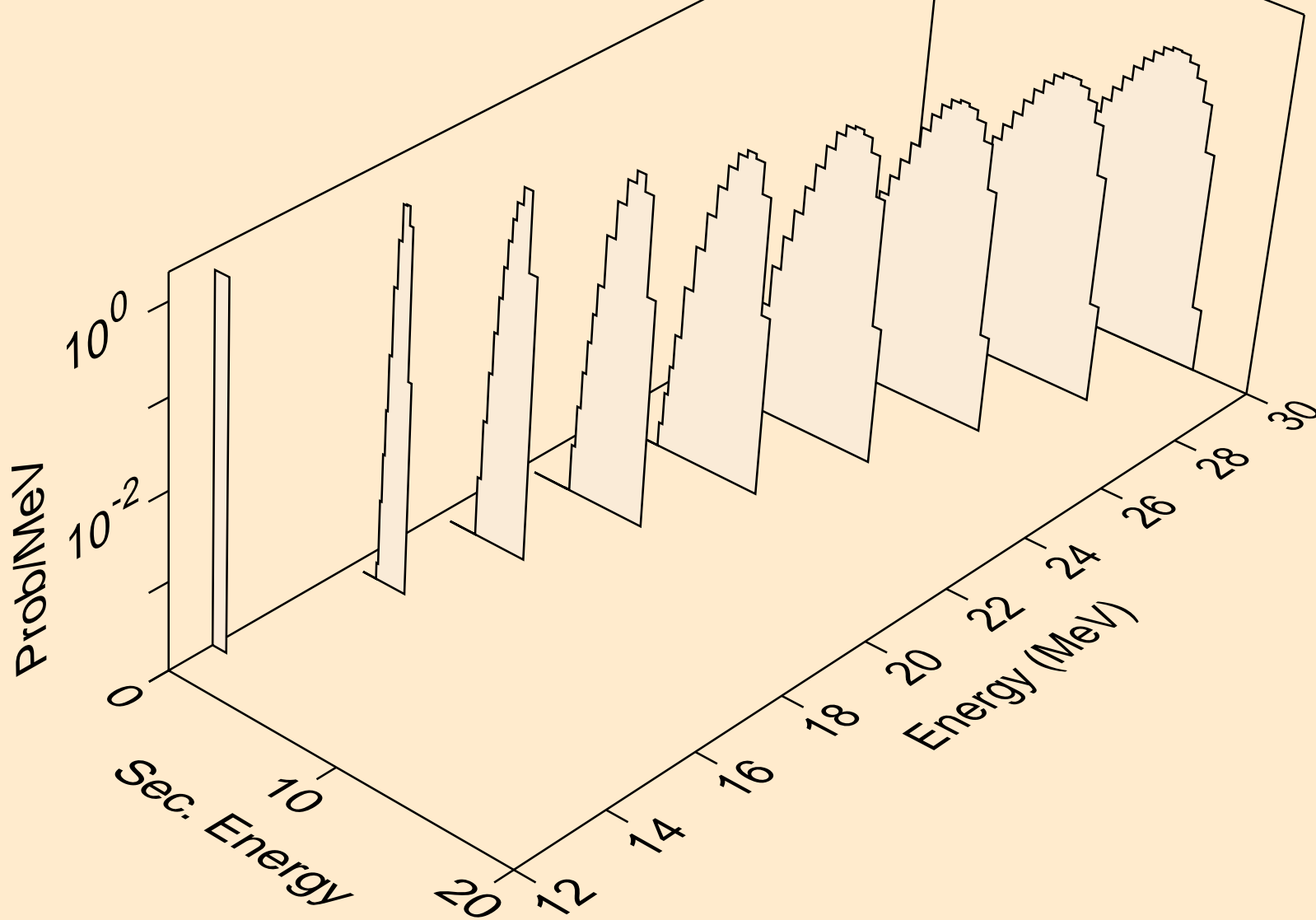
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protons from (n,pt)



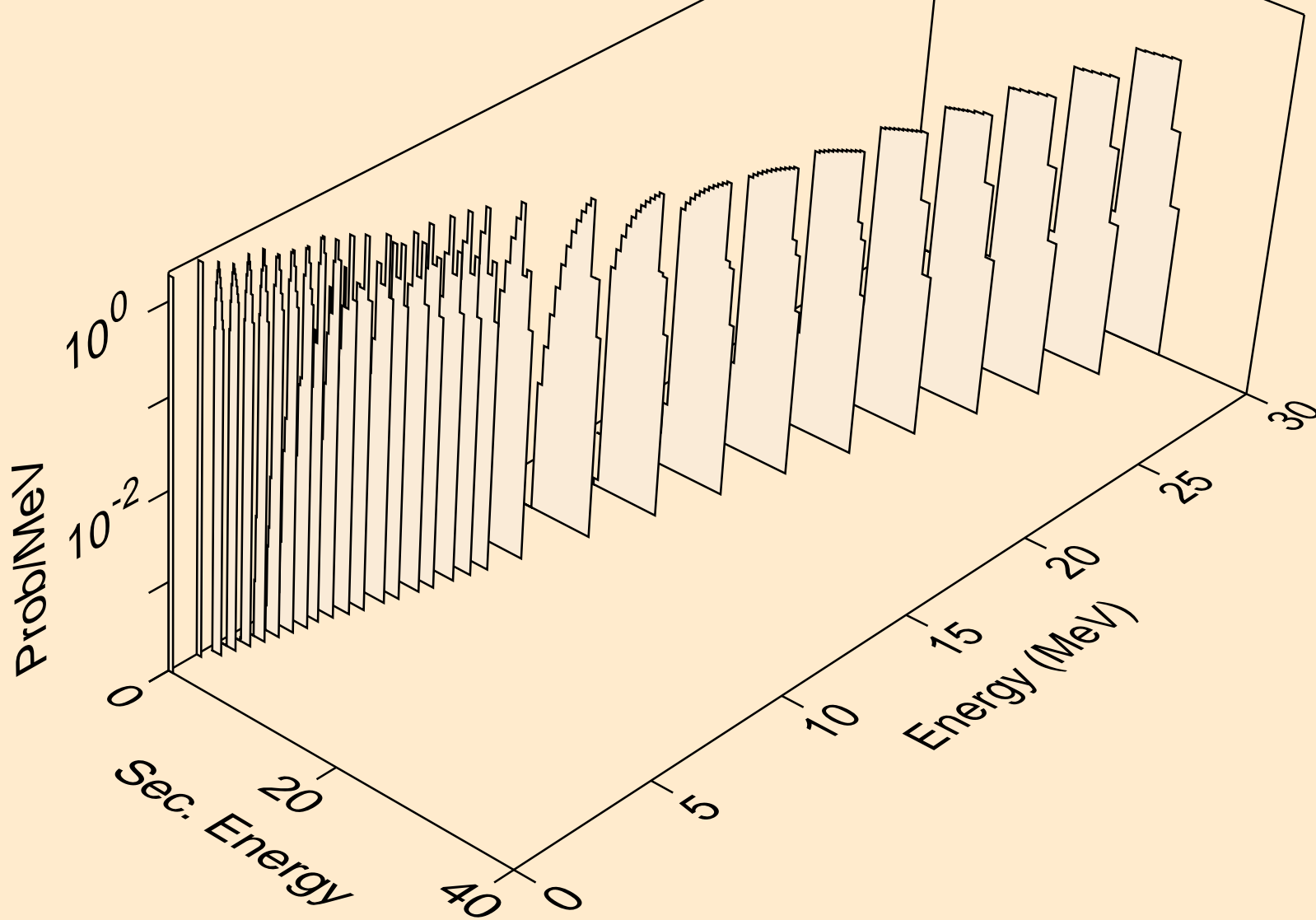
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deuterons from (n,x)



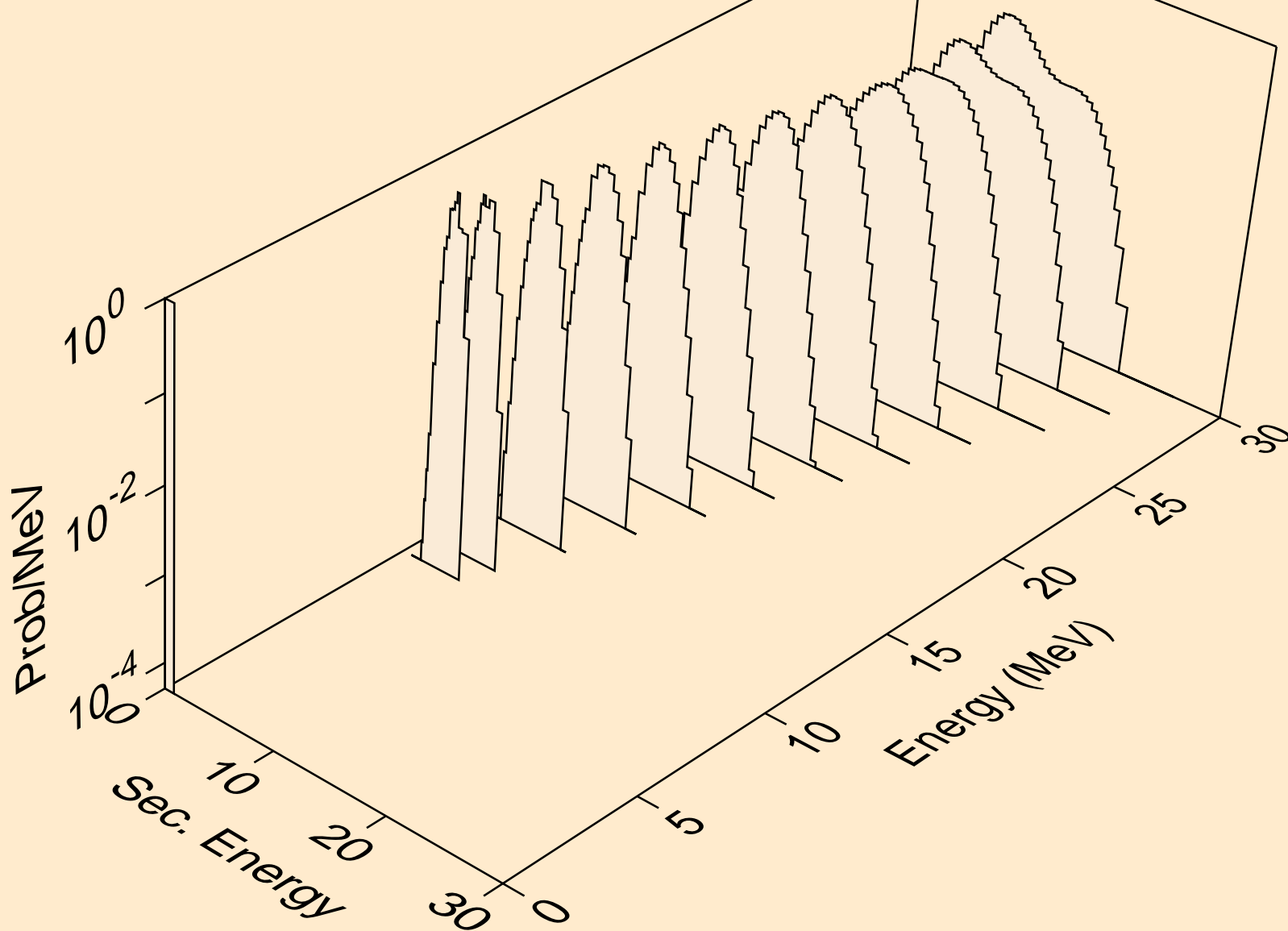
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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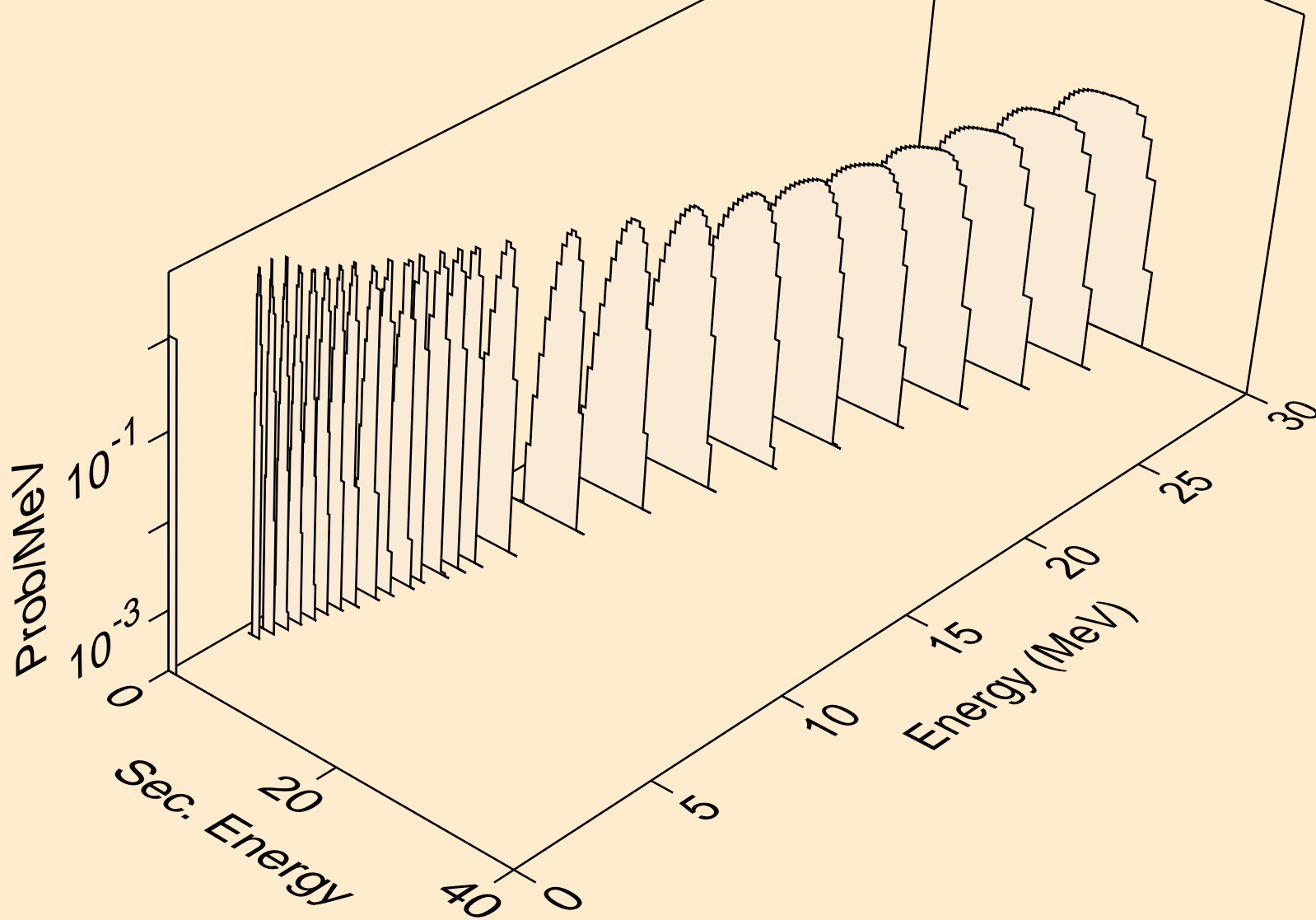


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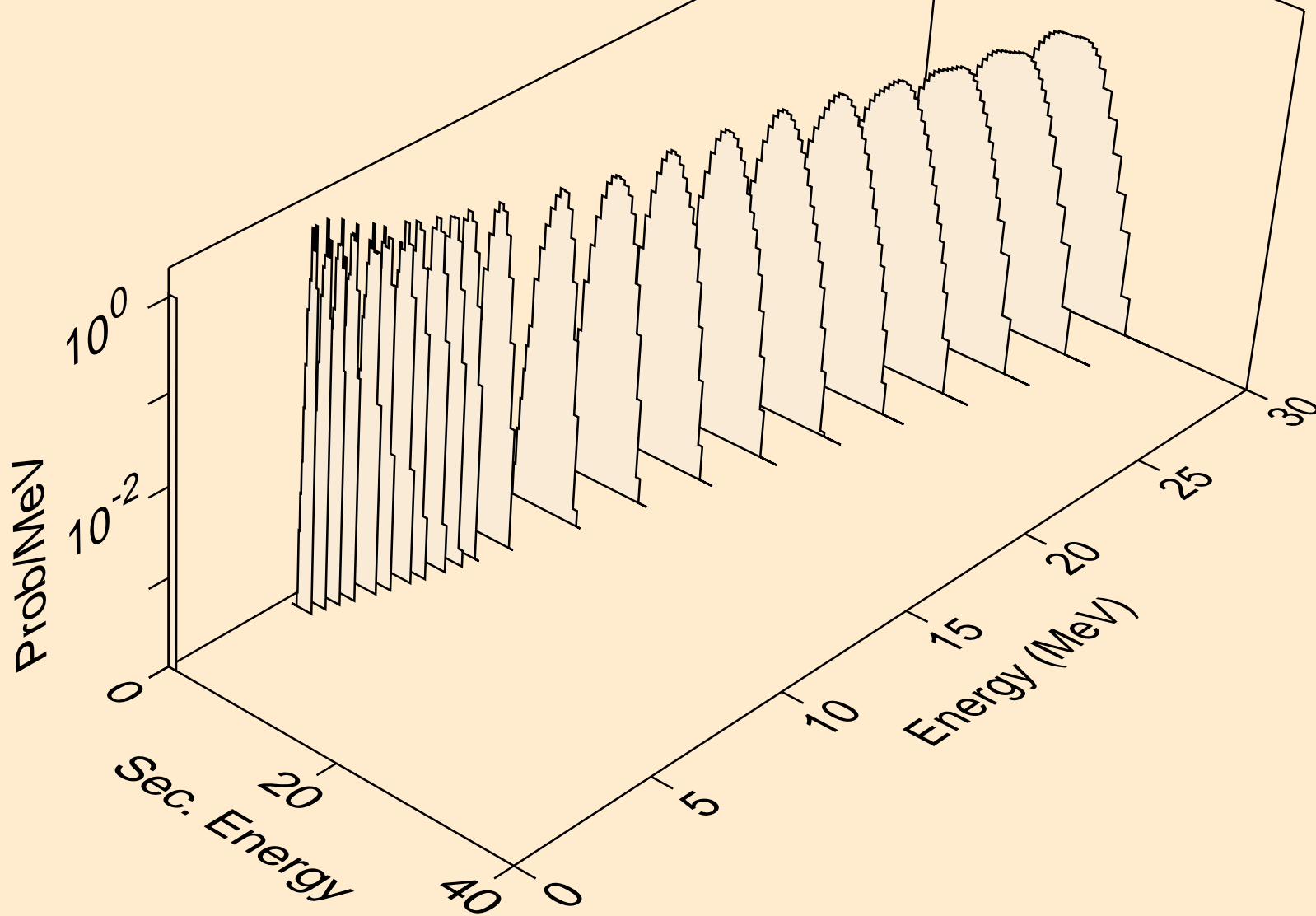




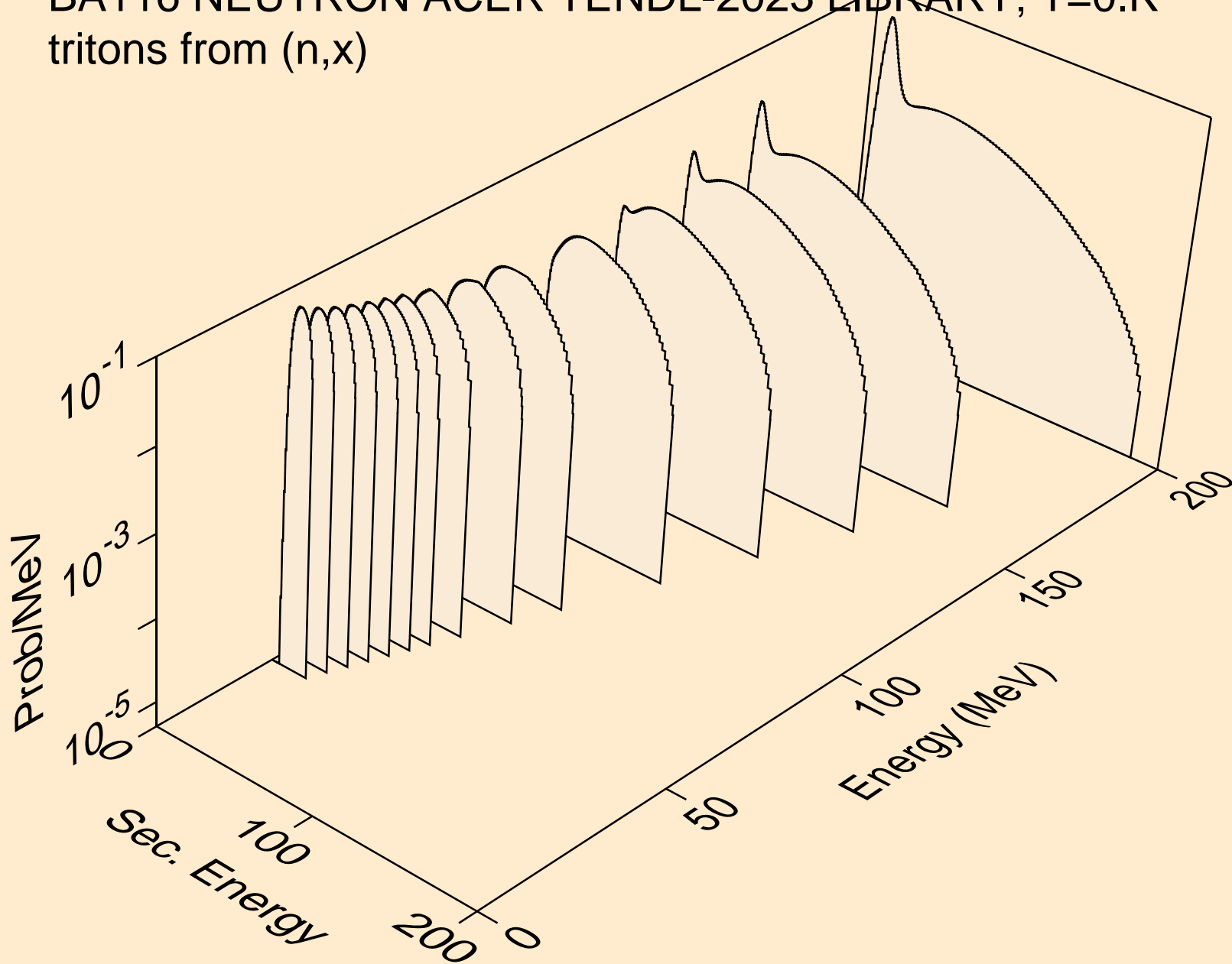
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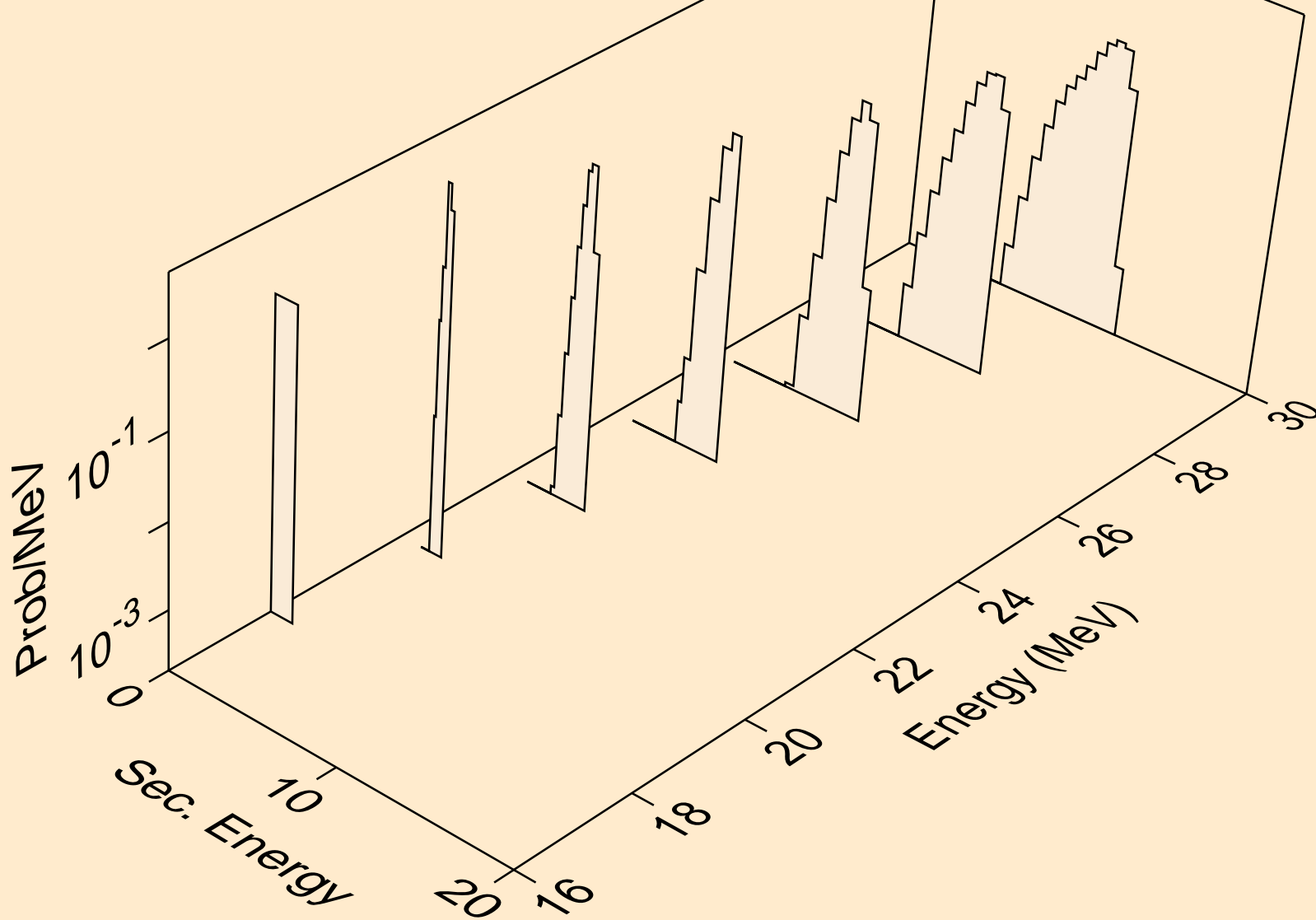
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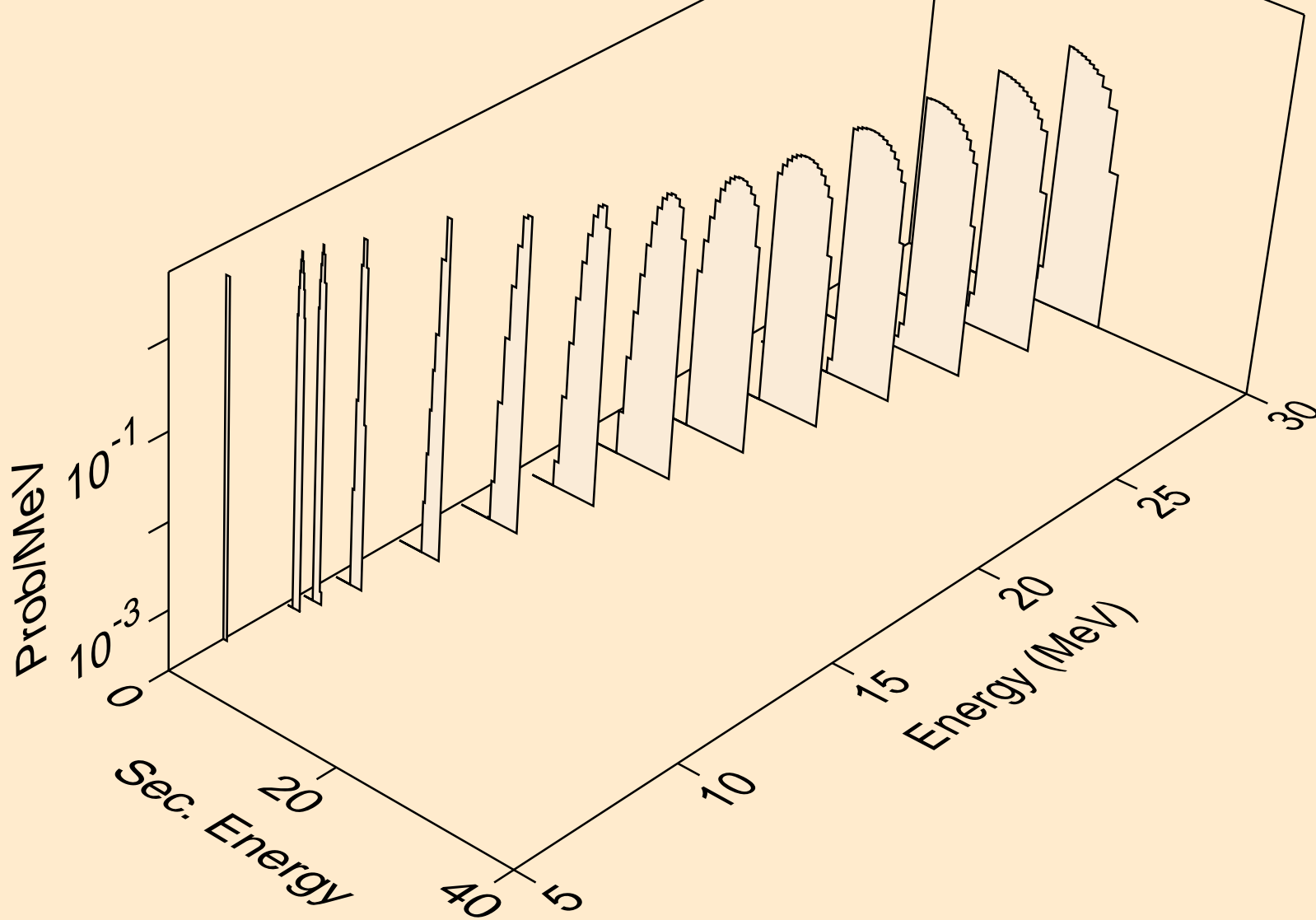
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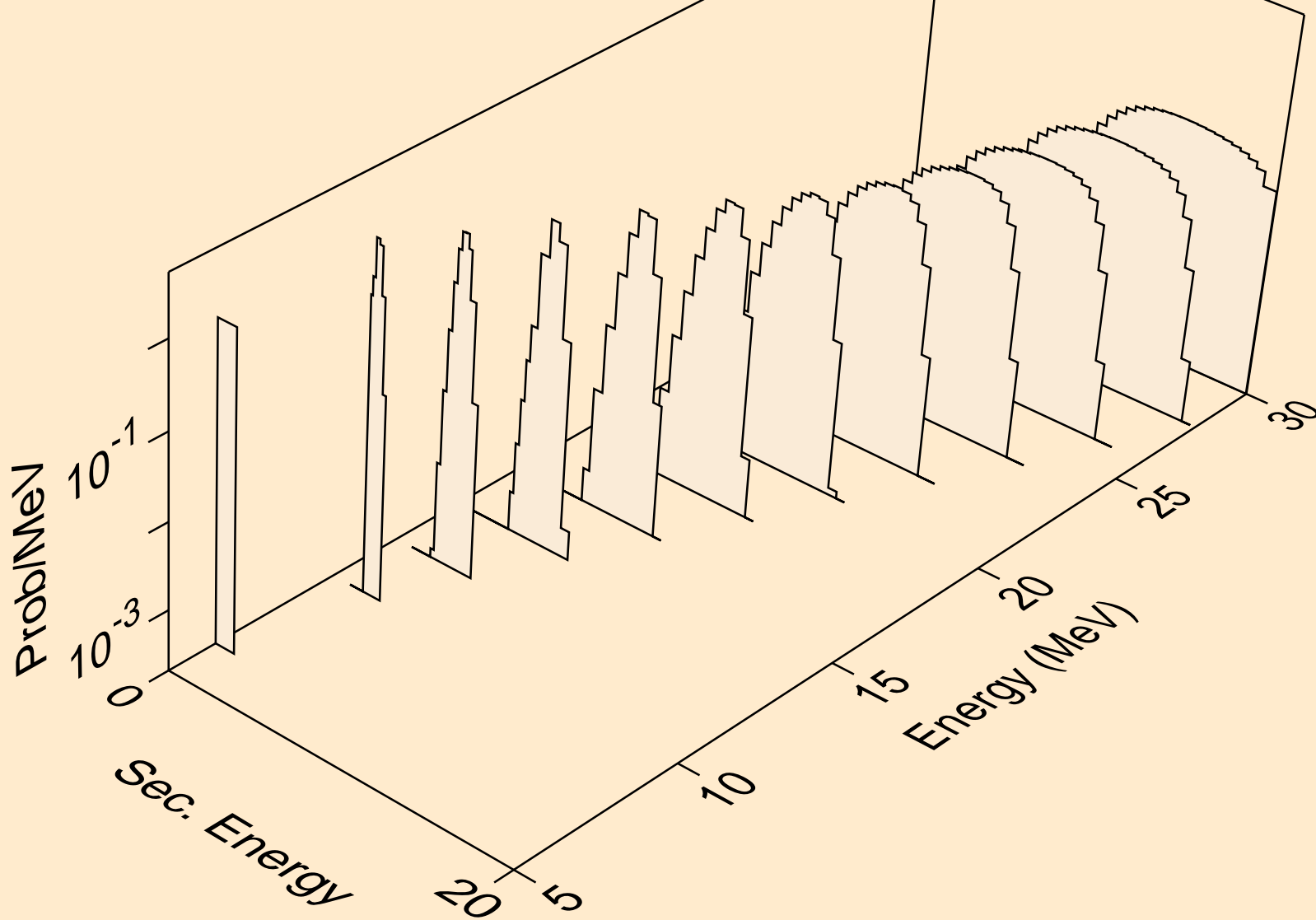
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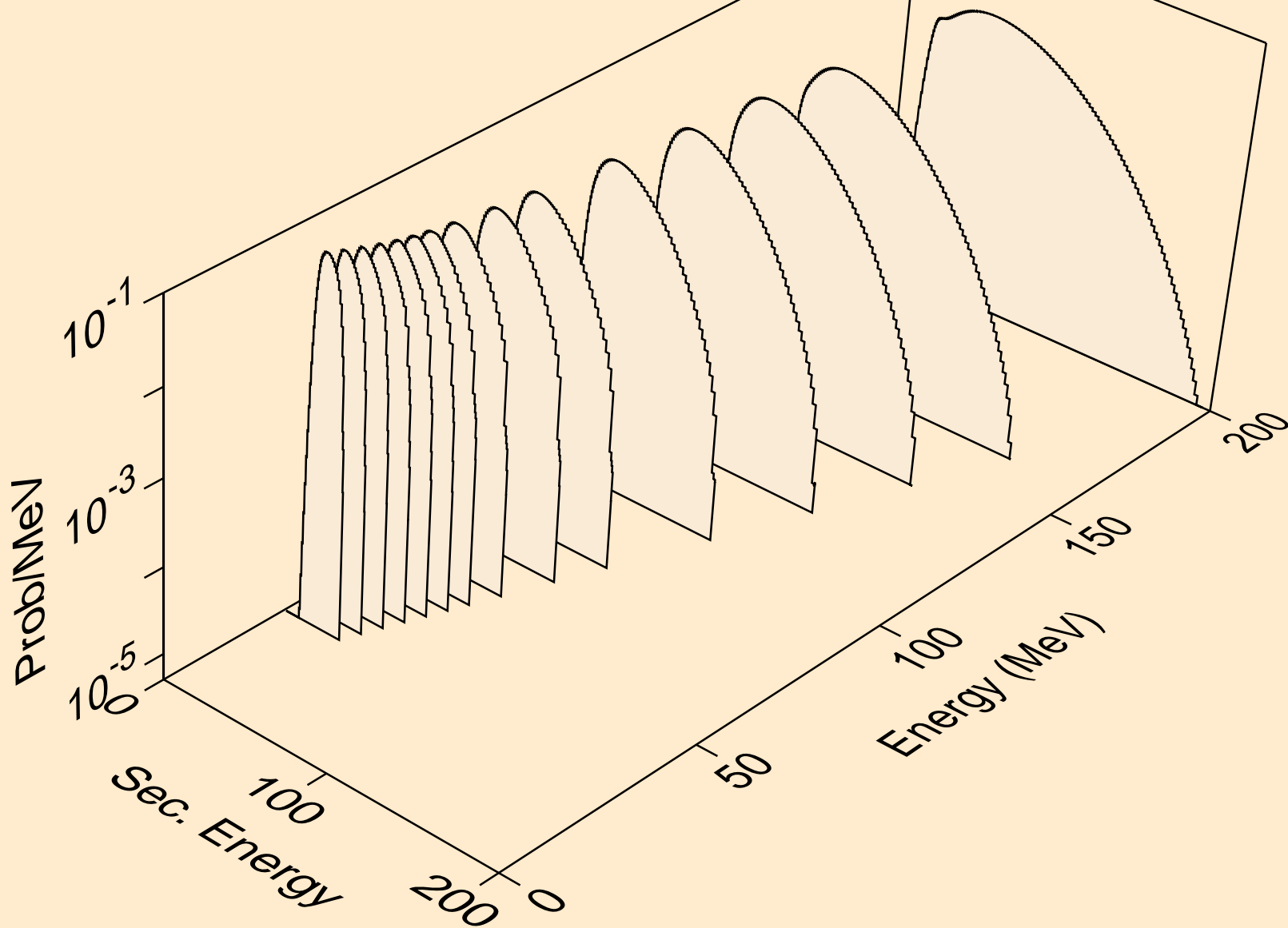
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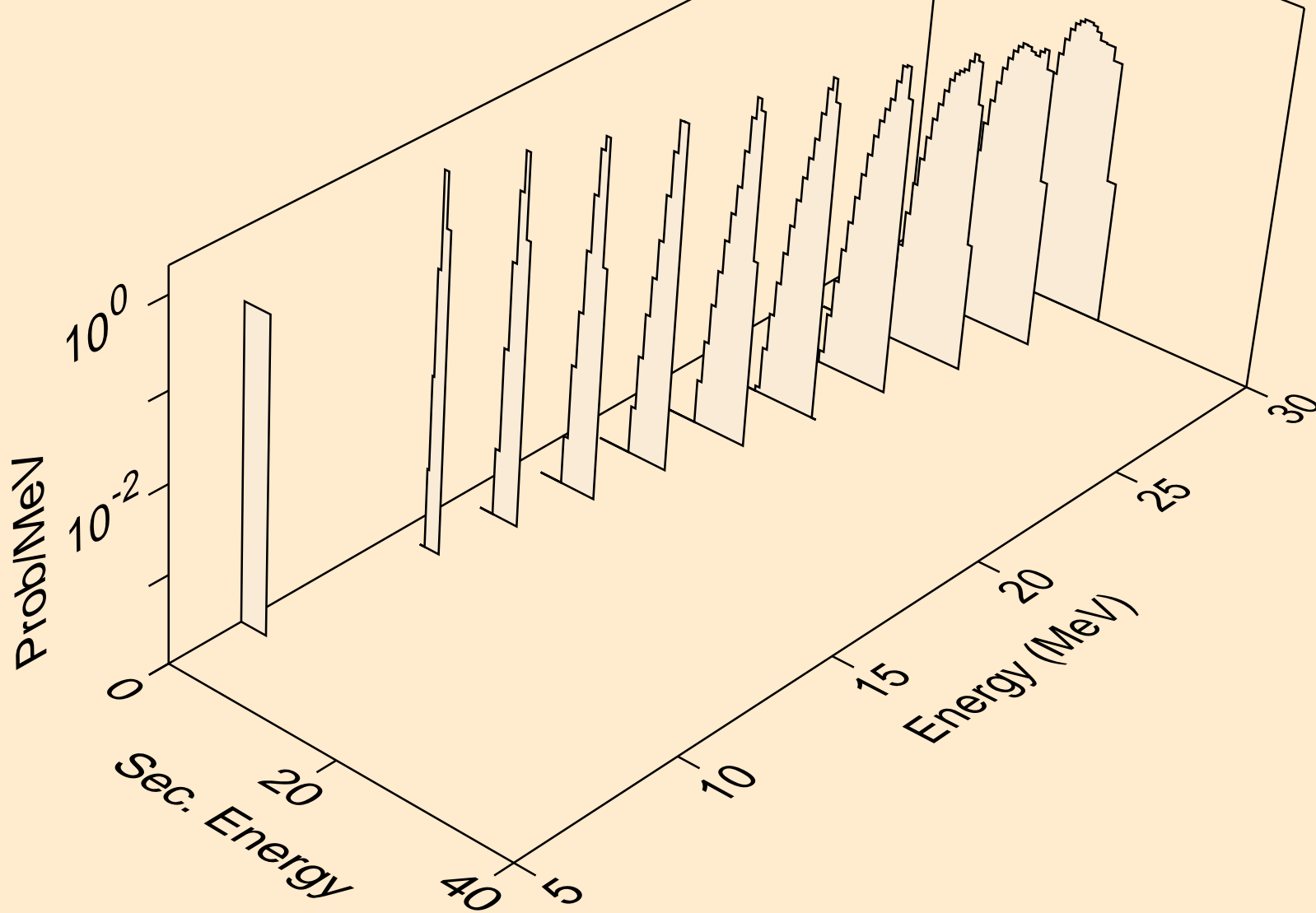
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tritons from (n,pt)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

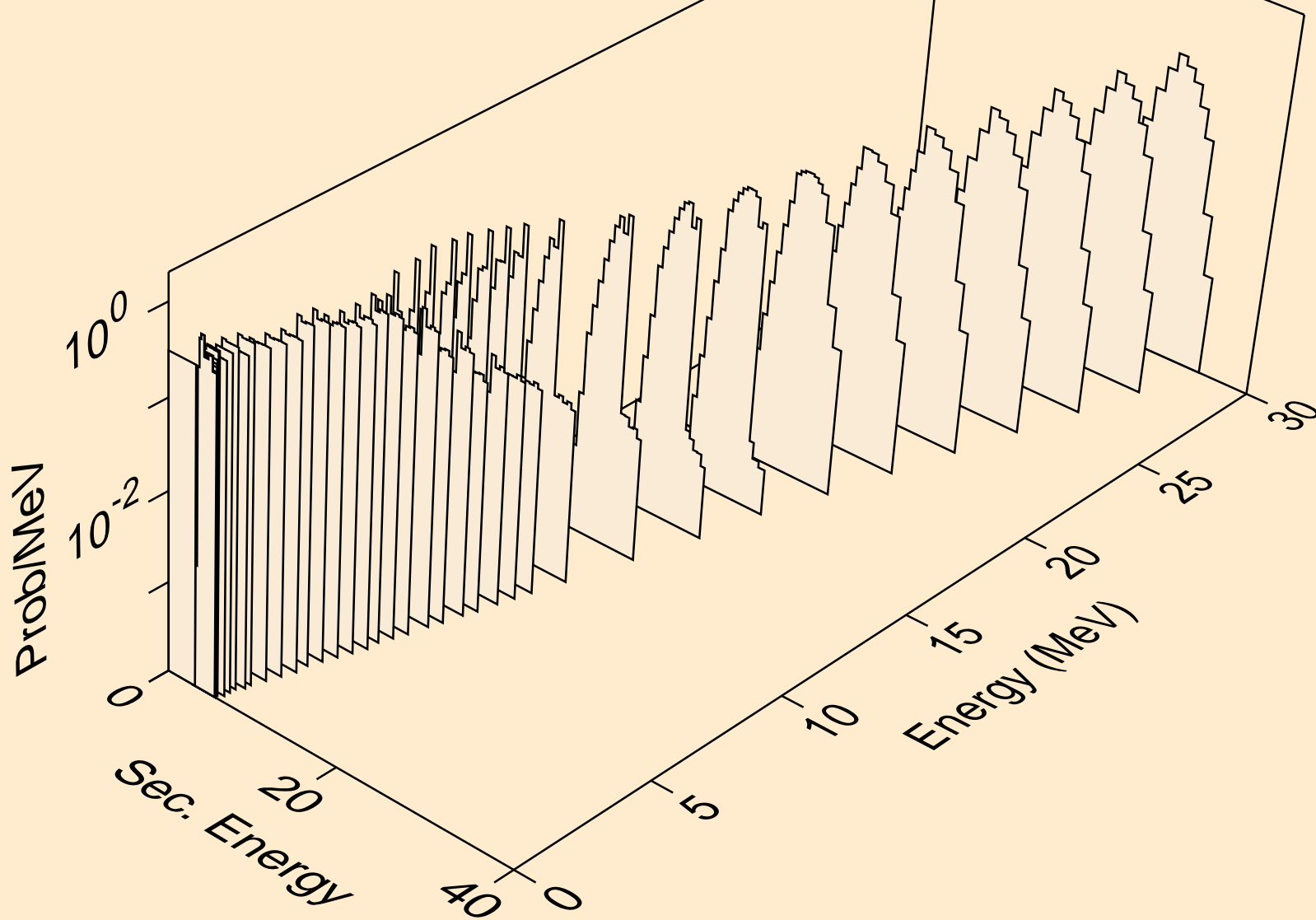


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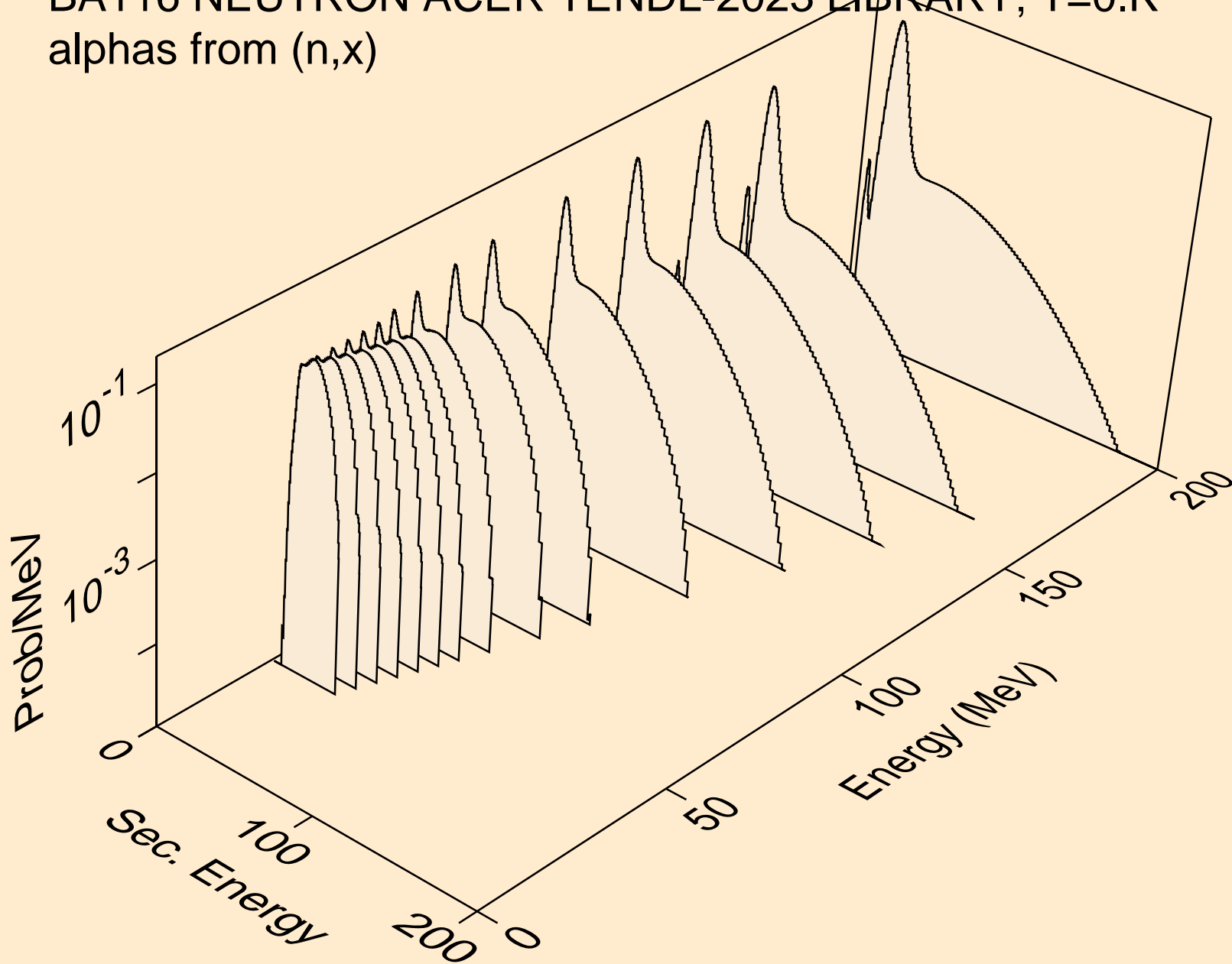




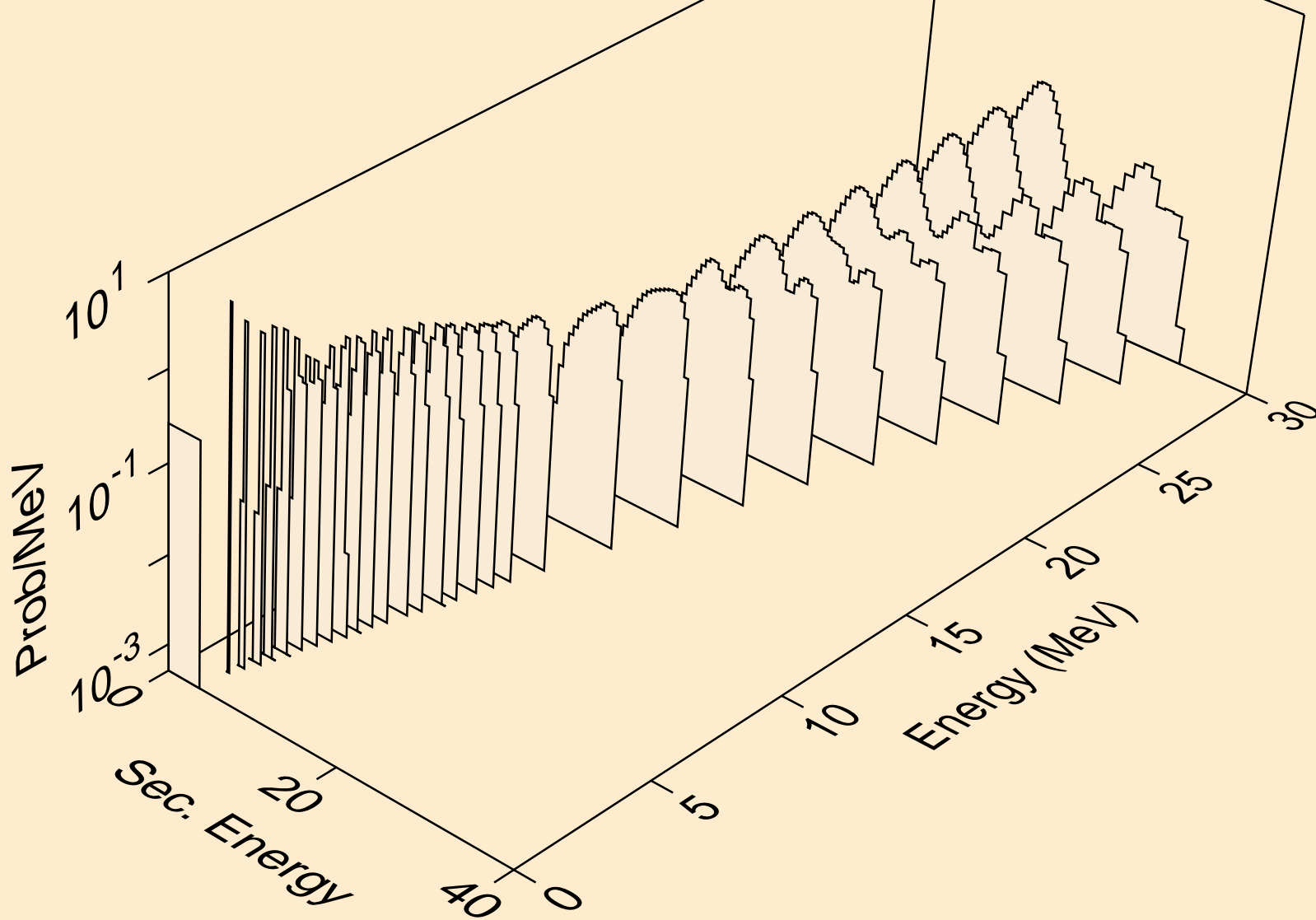
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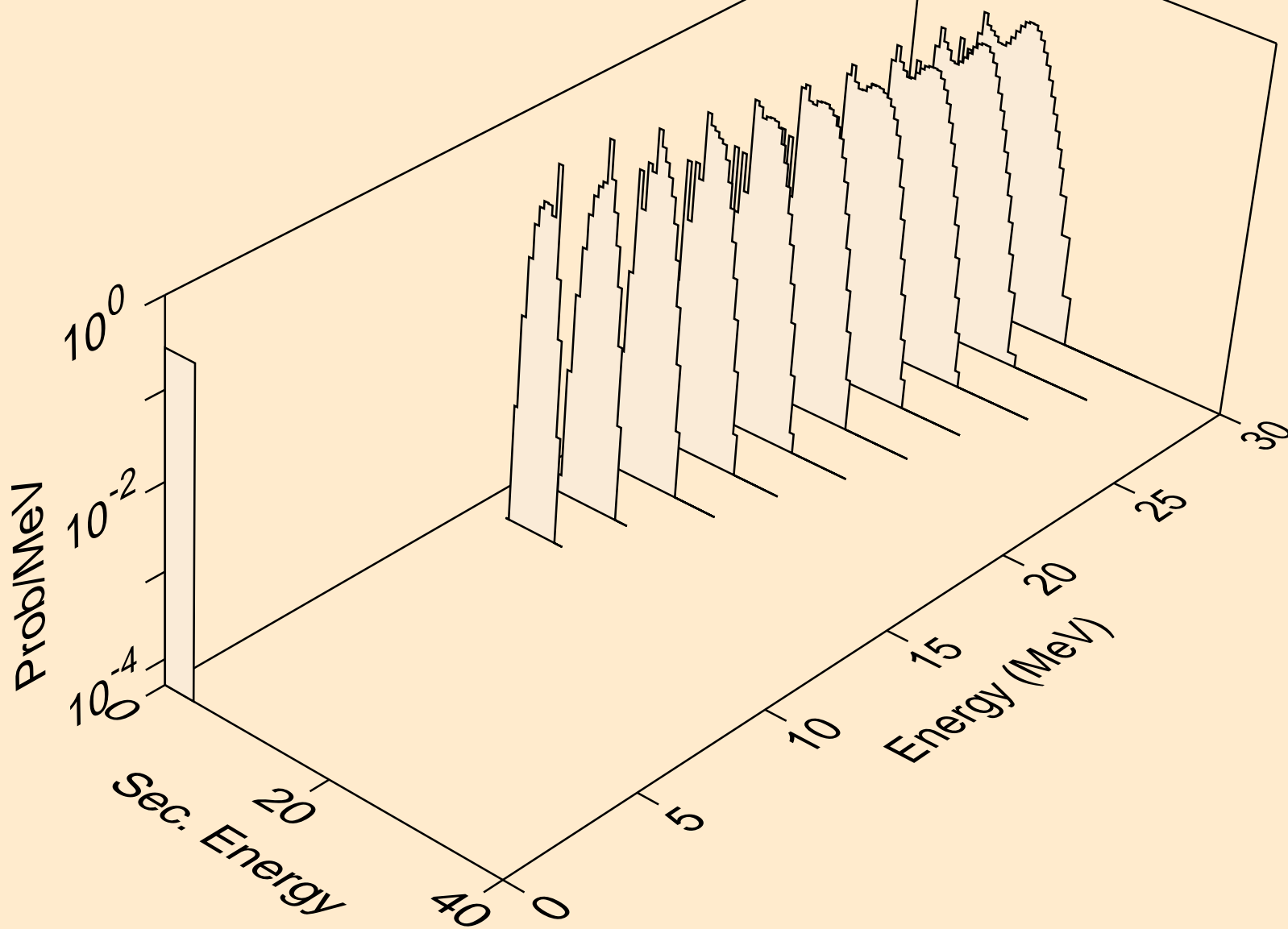
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



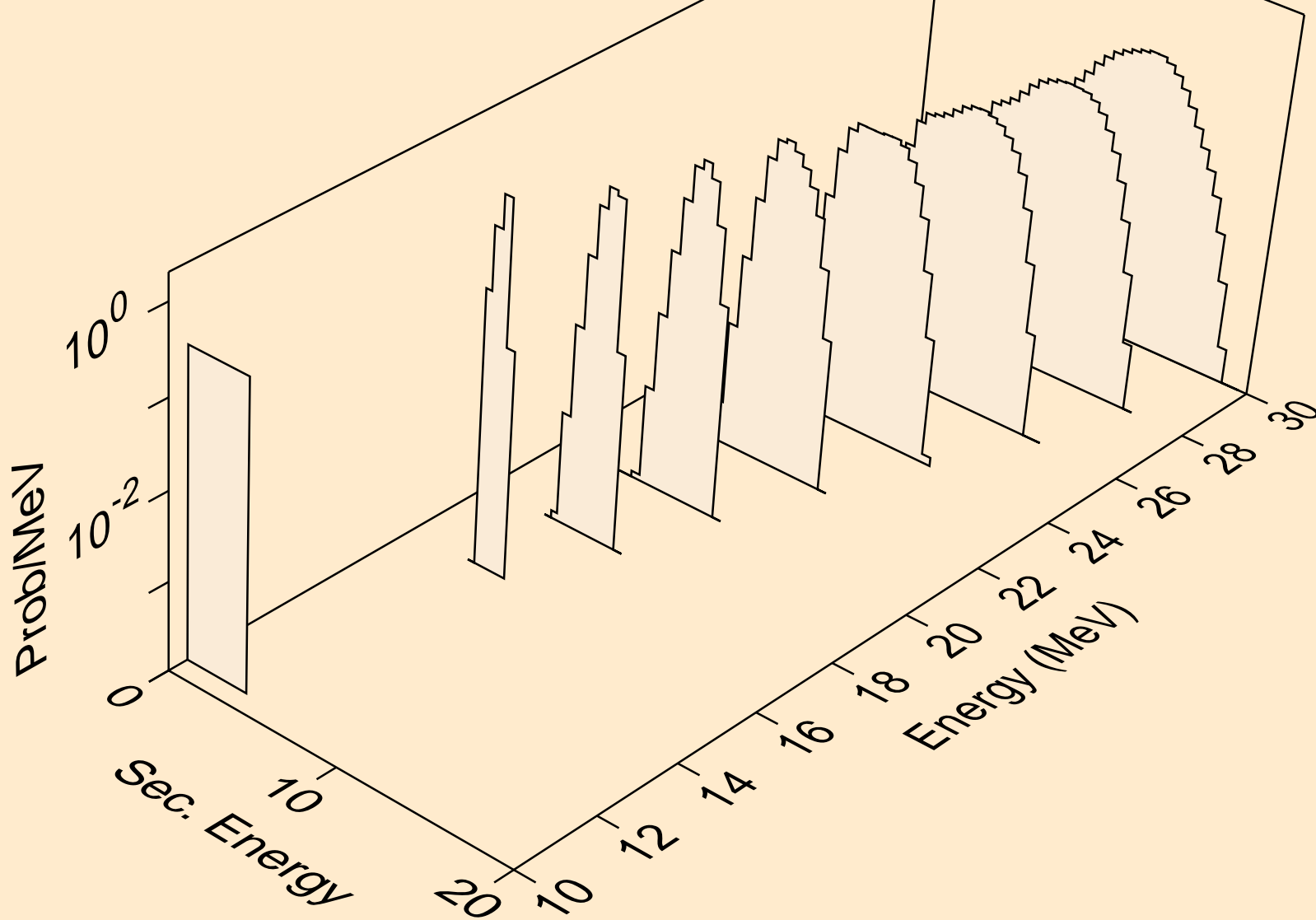
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alphas from (n,n\*)a



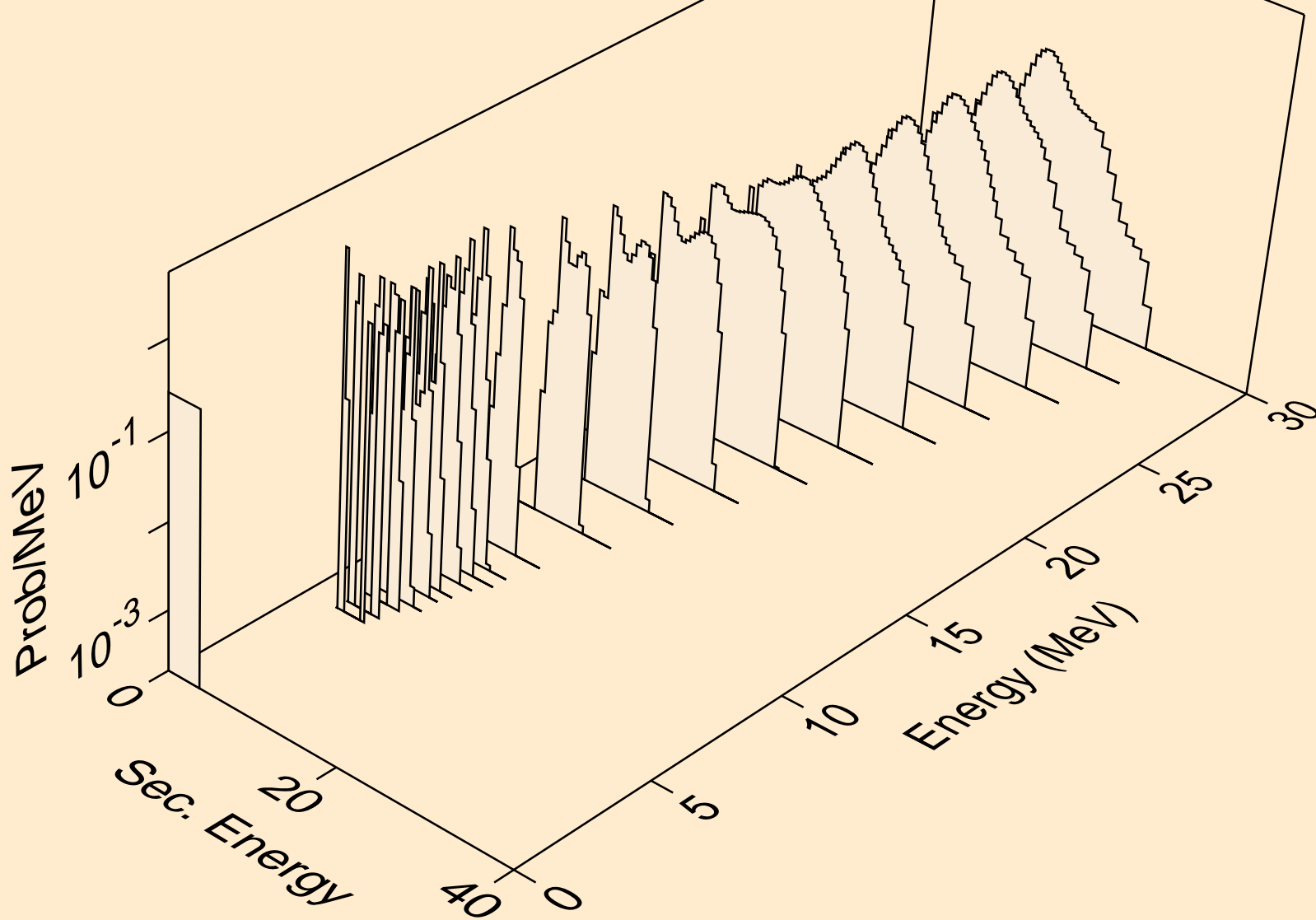
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alphas from (n,n\*)3a



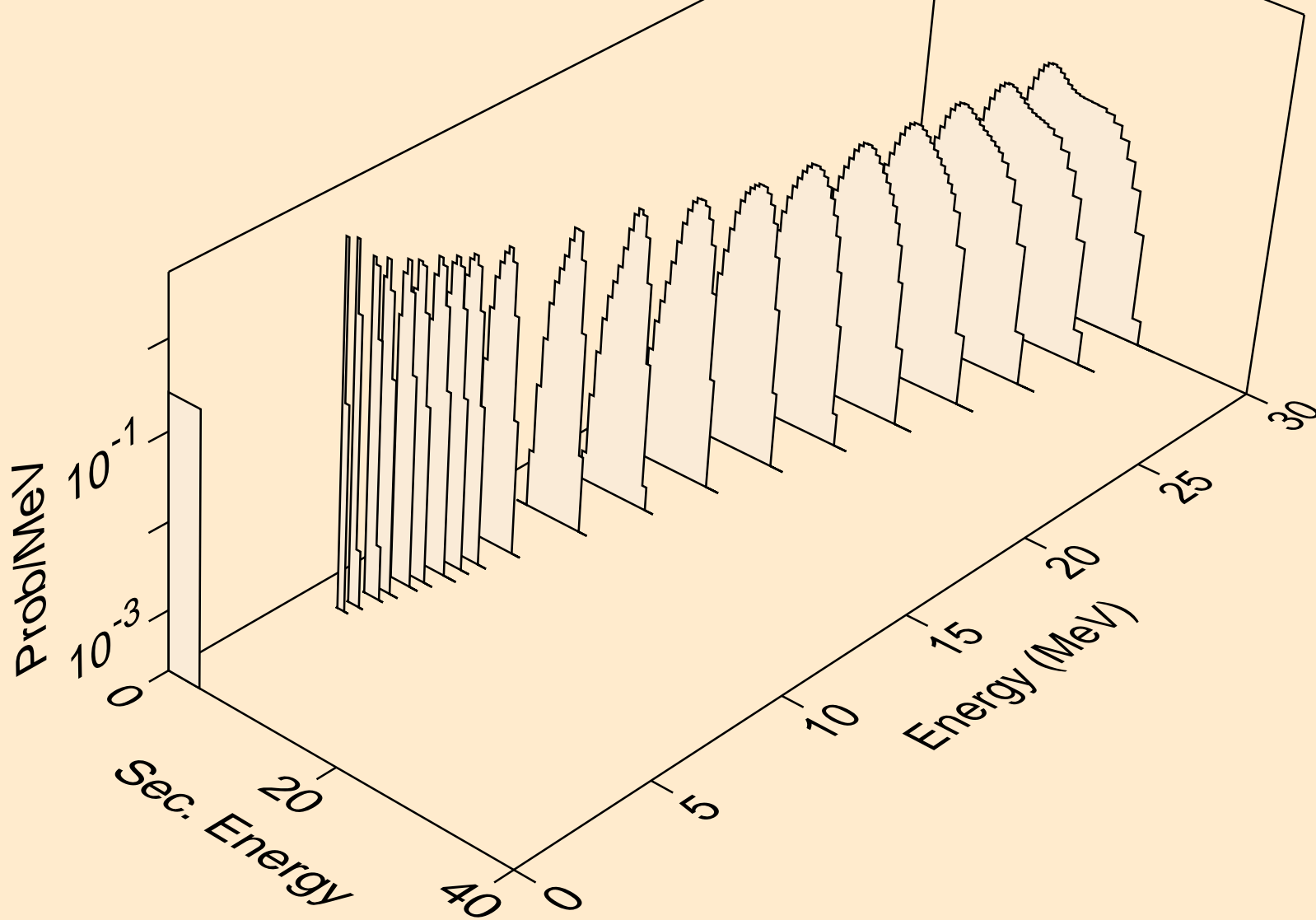
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alphas from (n,2n)a



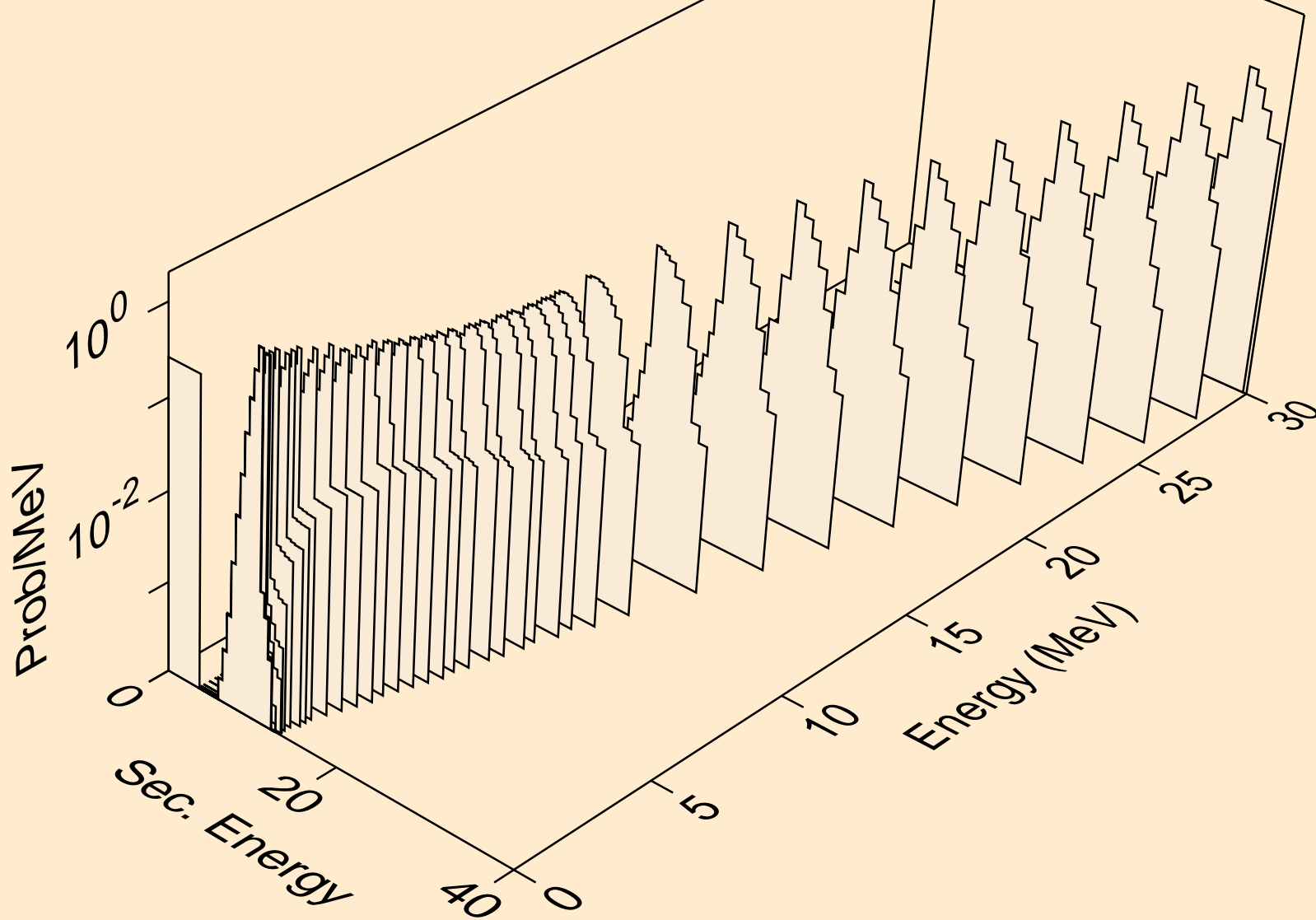
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

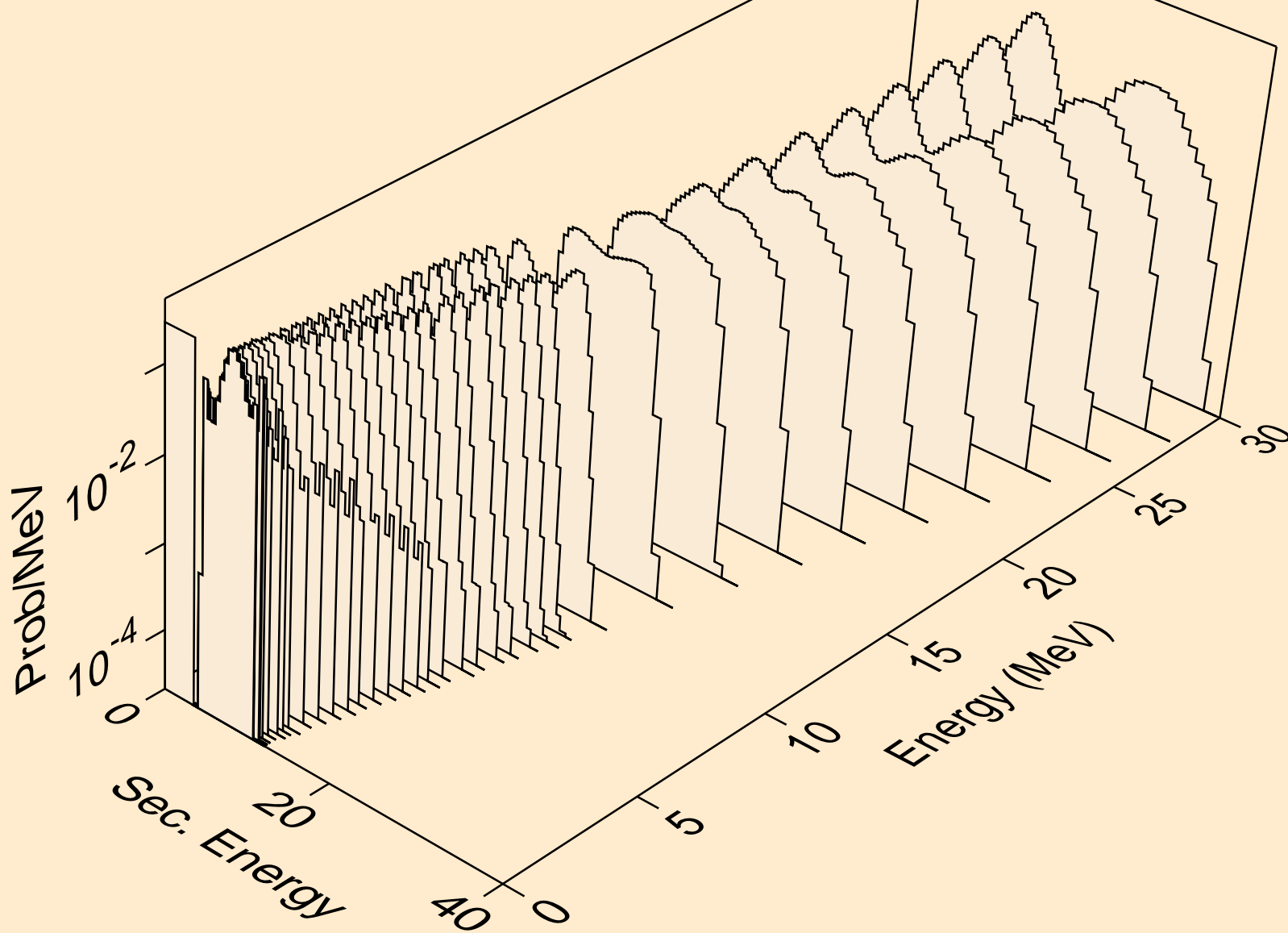


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alphas from (n,a)

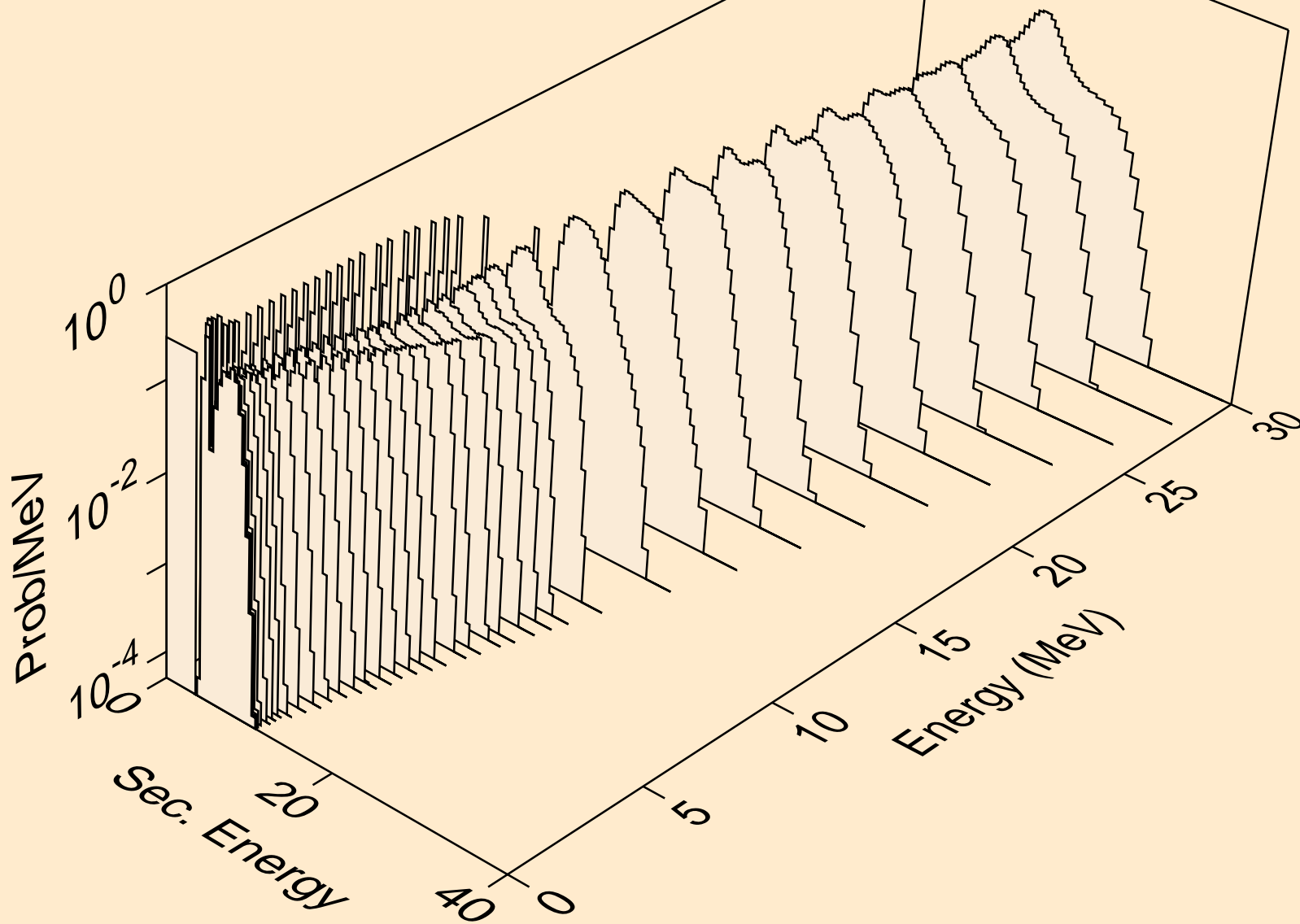




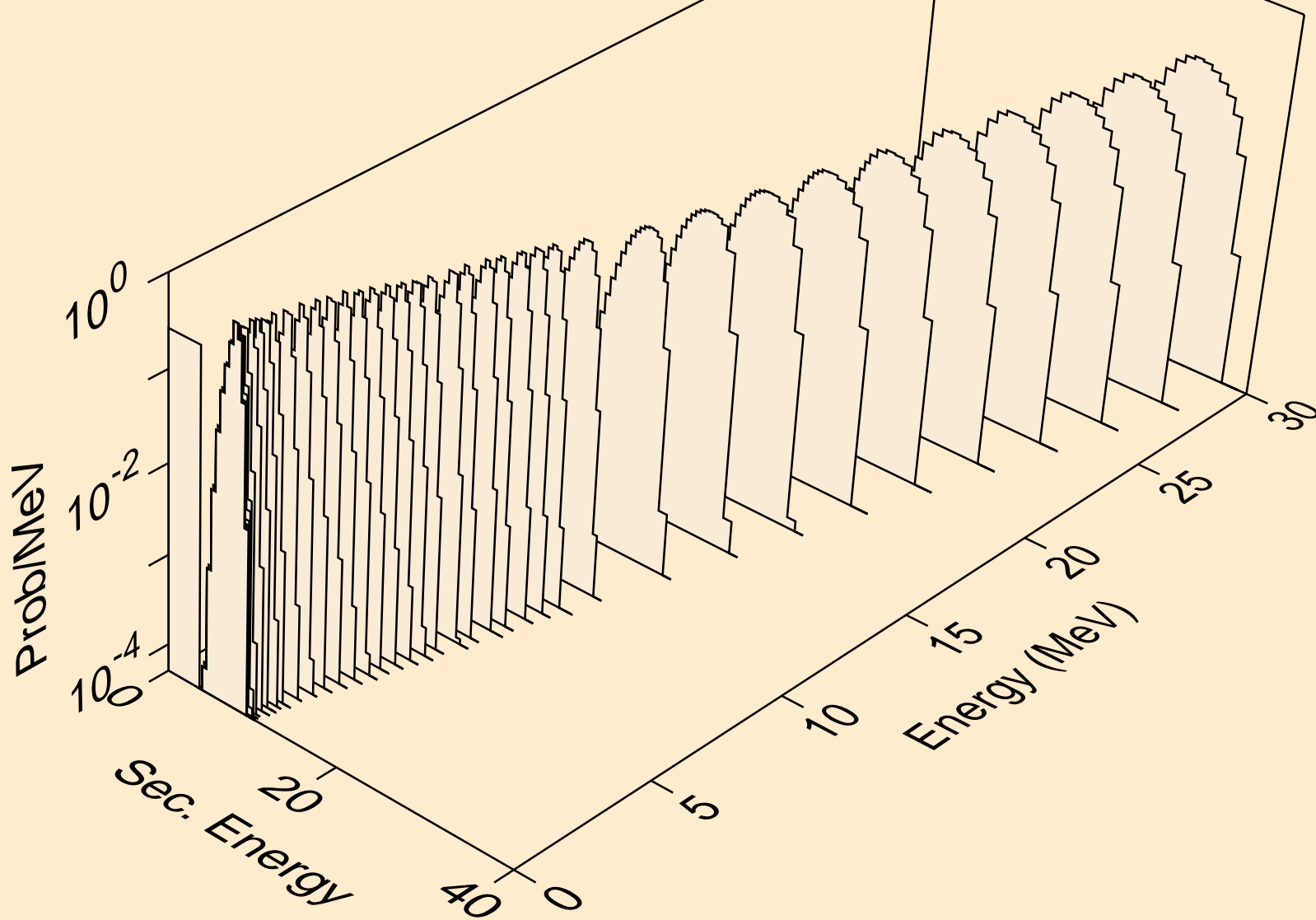
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alphas from (n,2a)



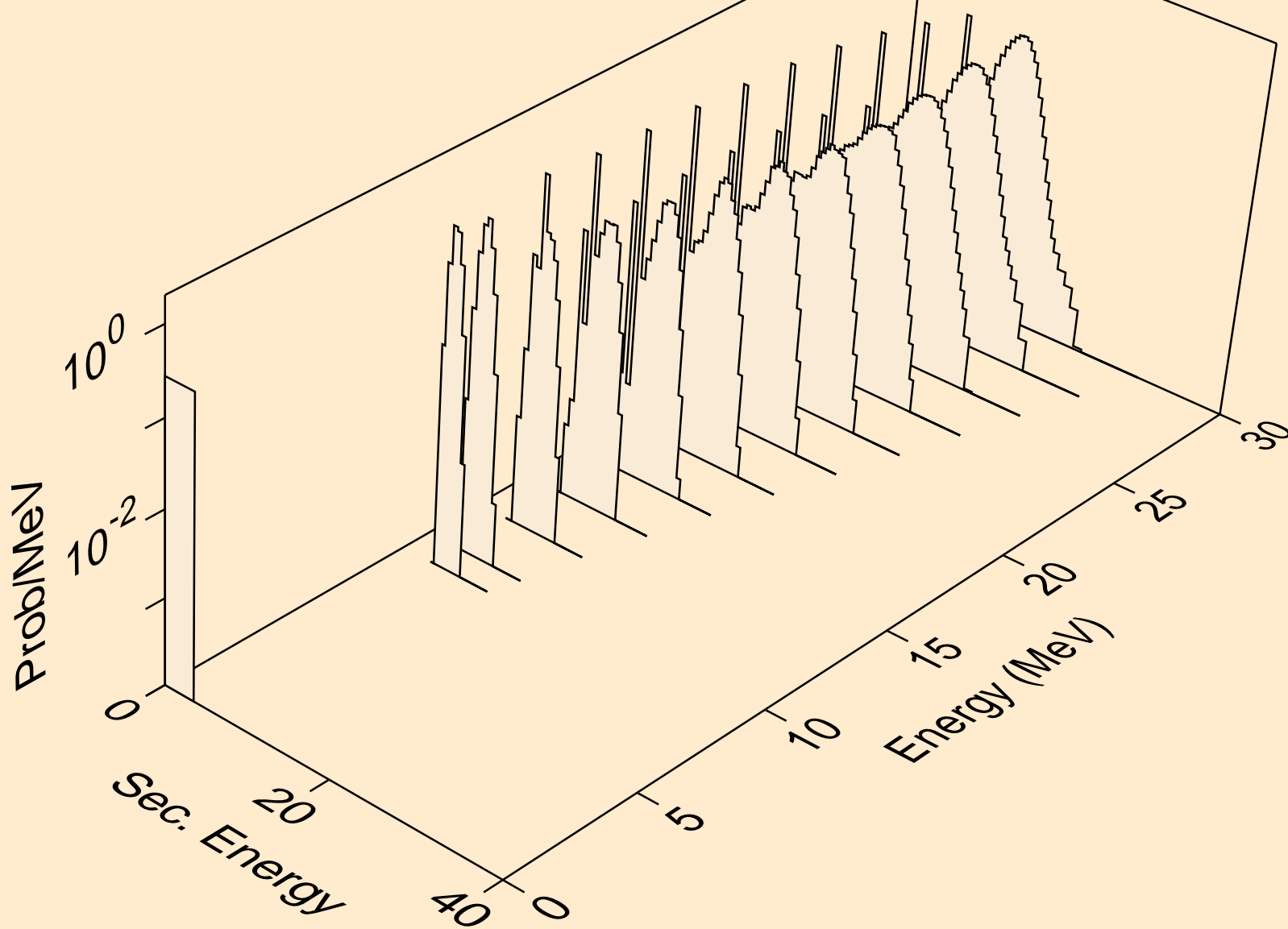
BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)



BA116 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

