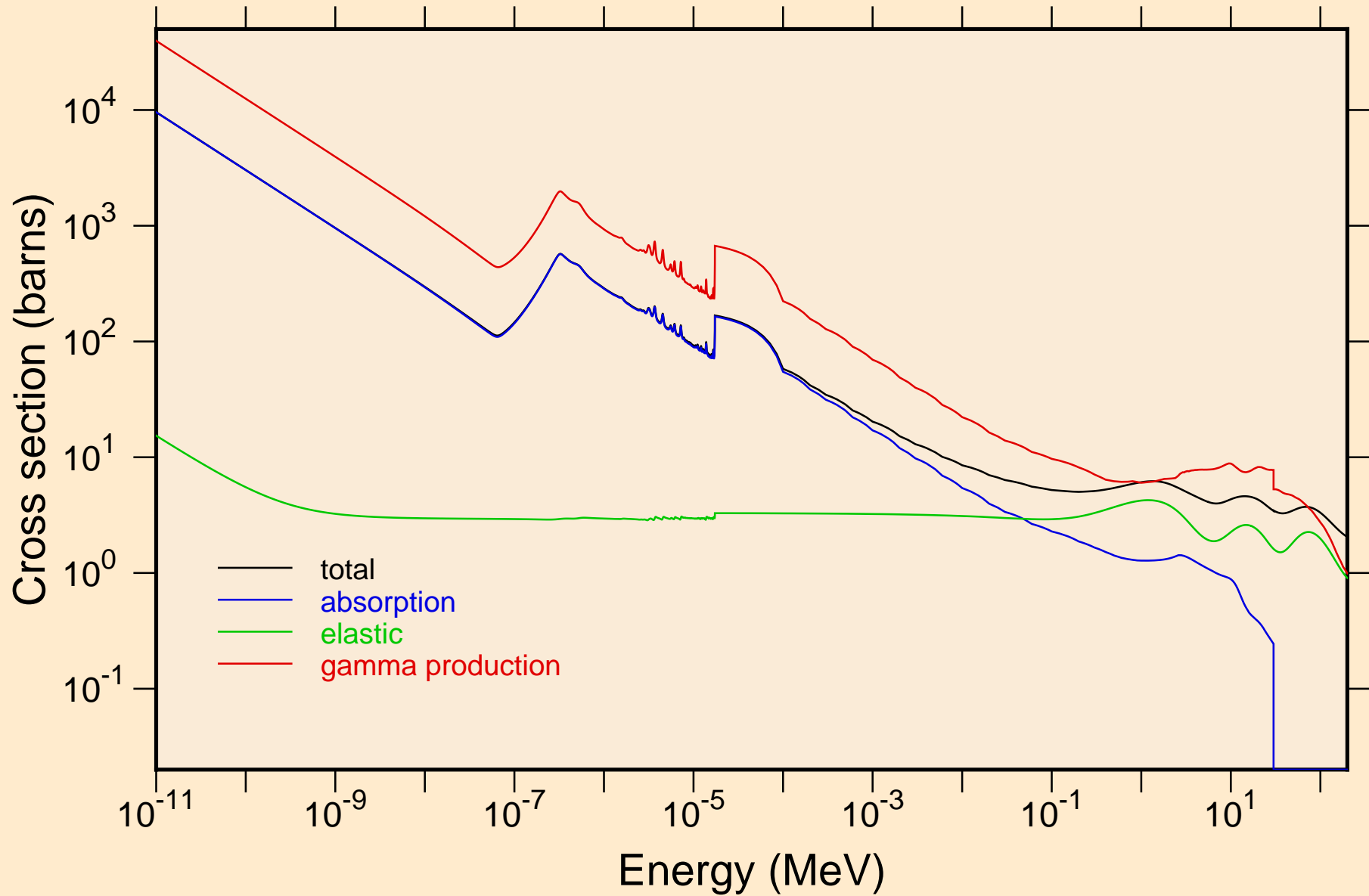
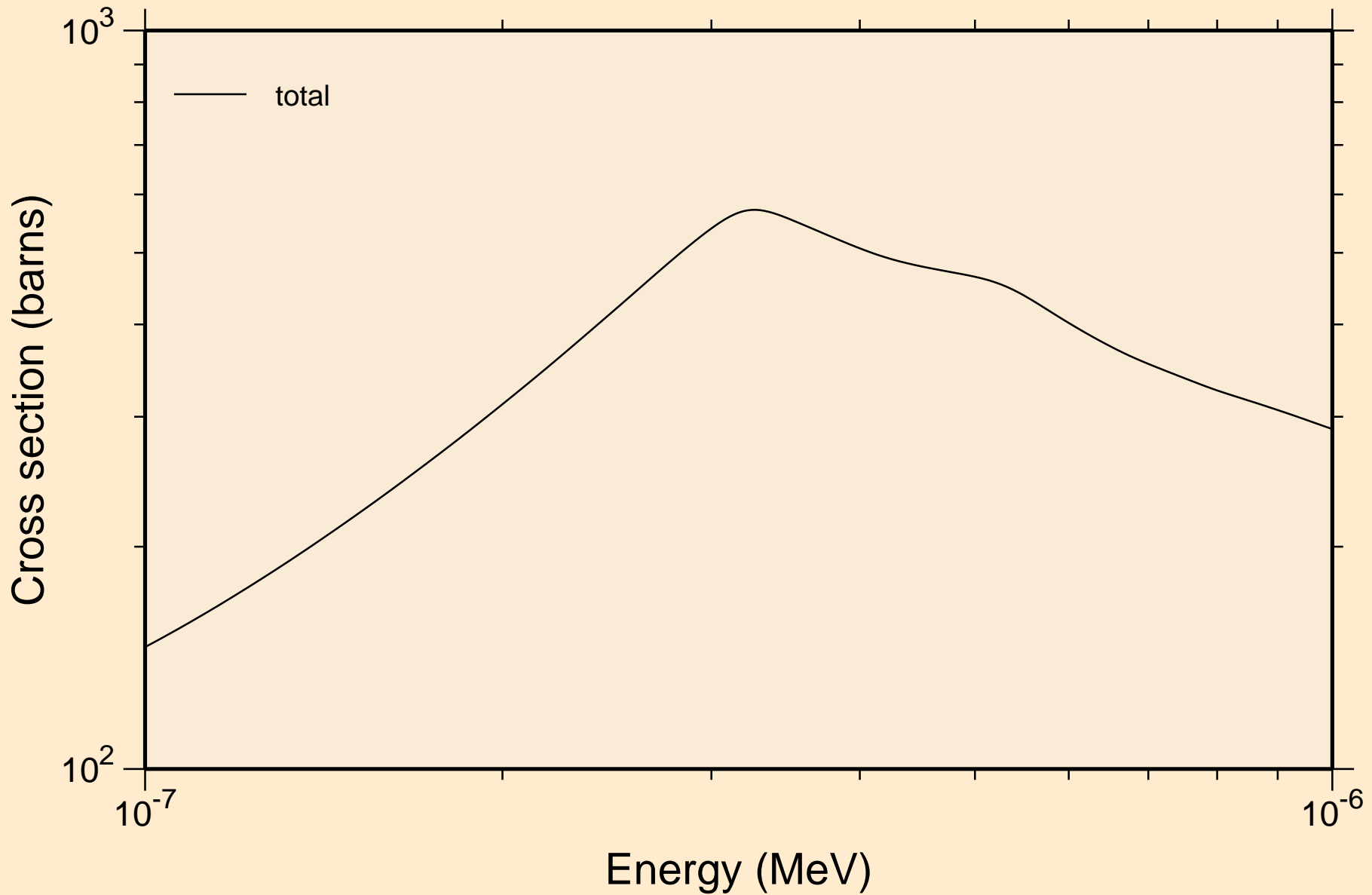


# BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

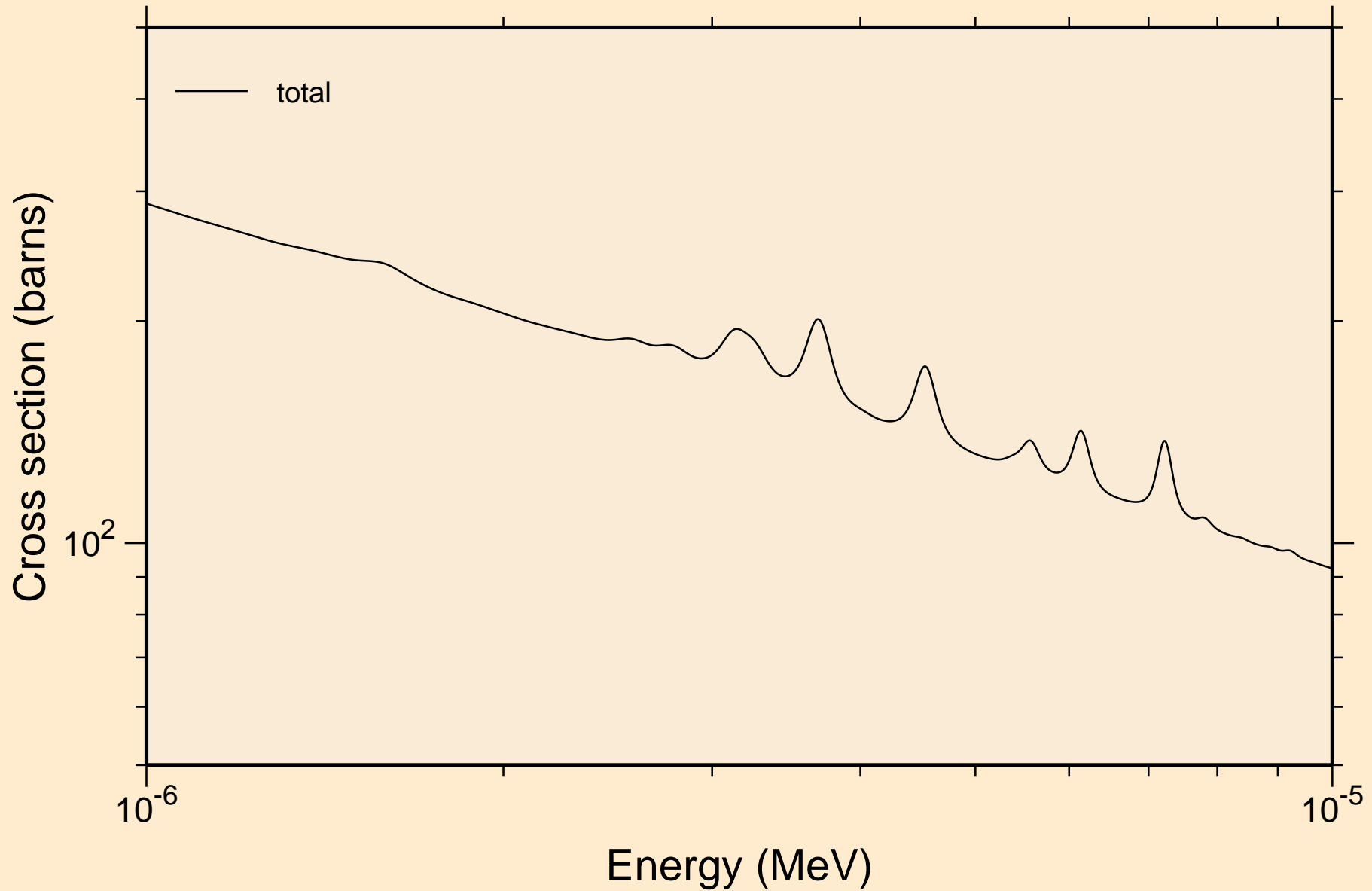
## Principal cross sections



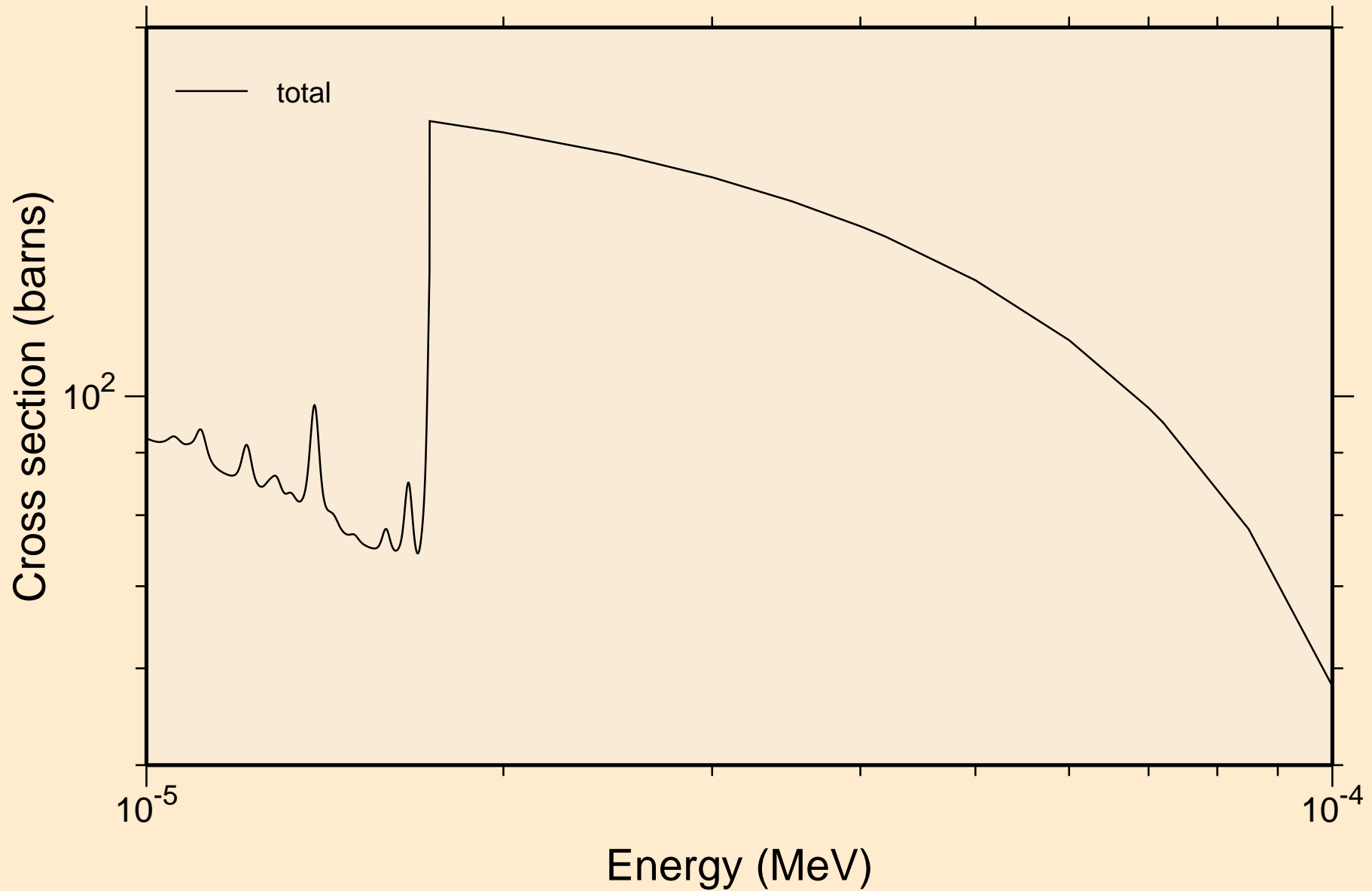
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resonance total cross section



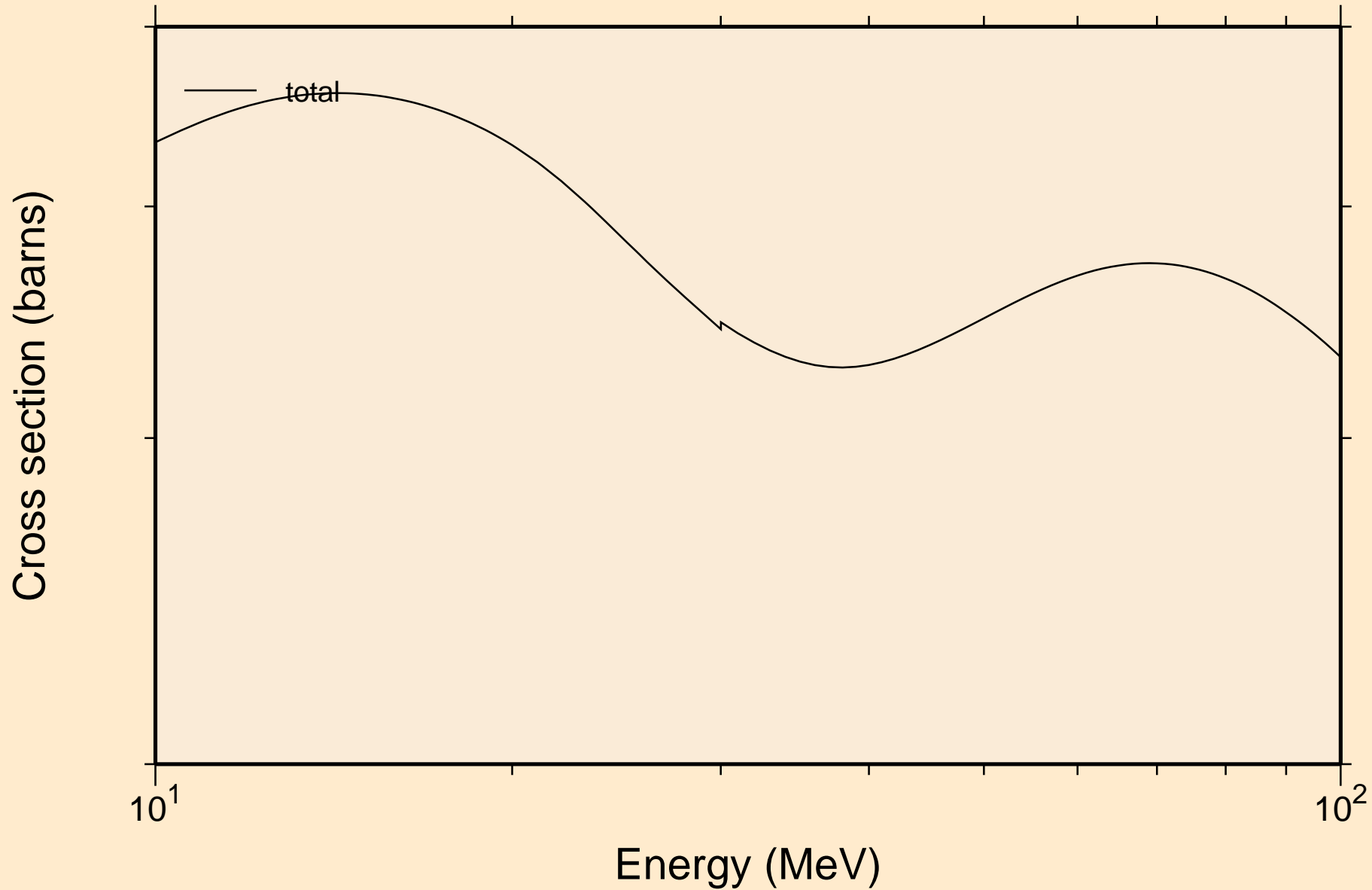
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



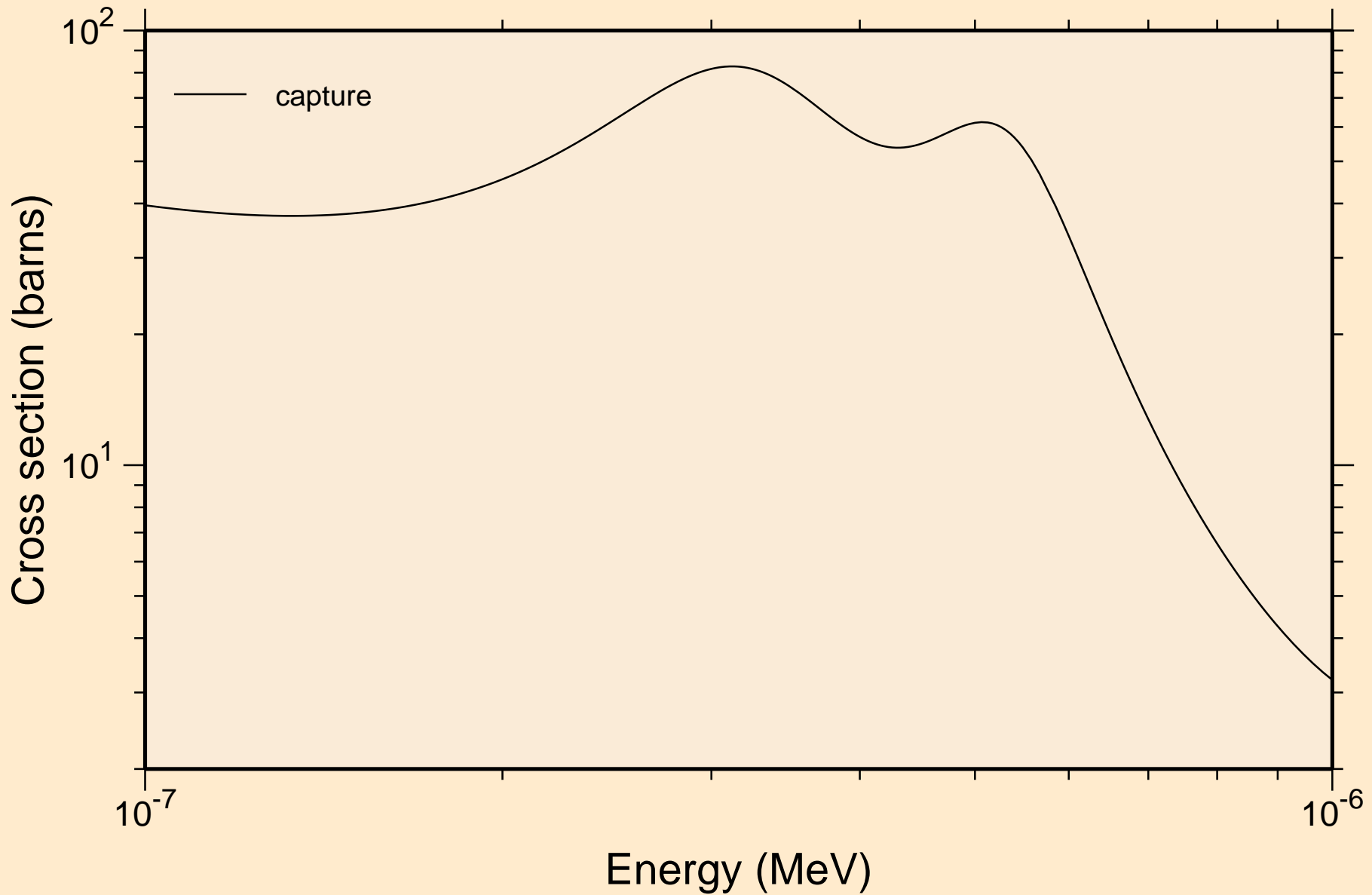
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



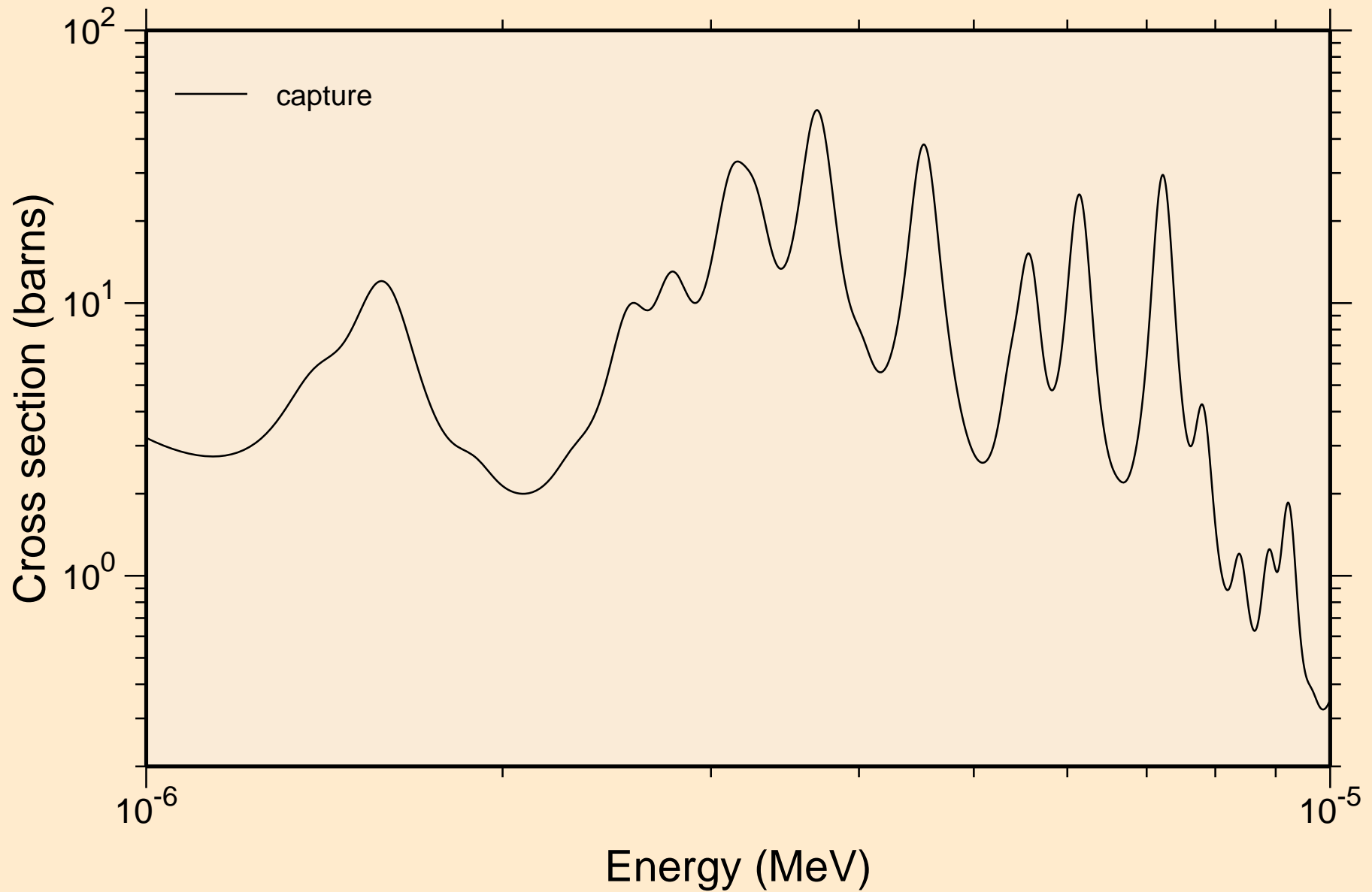
B̄A123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



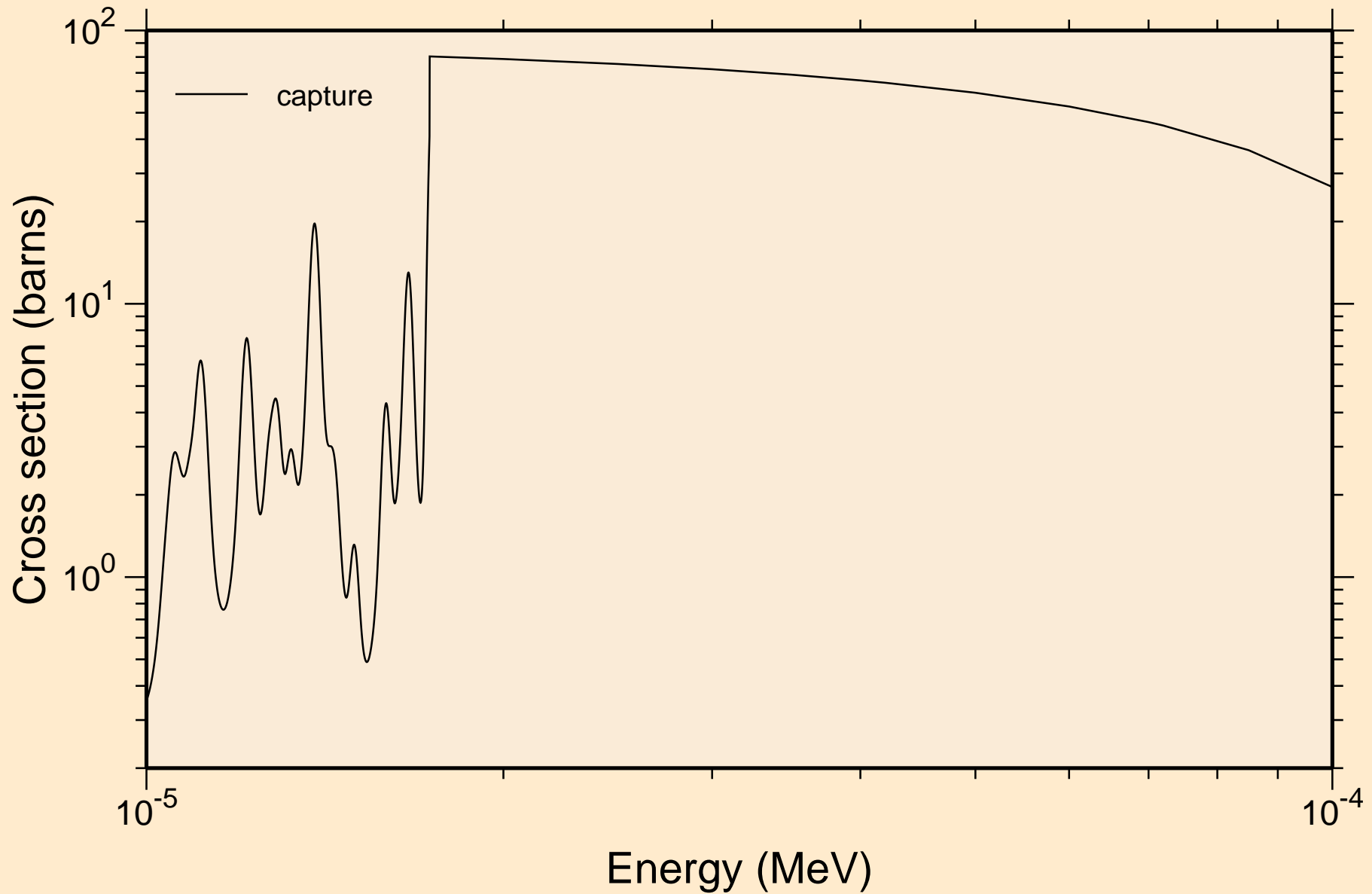
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

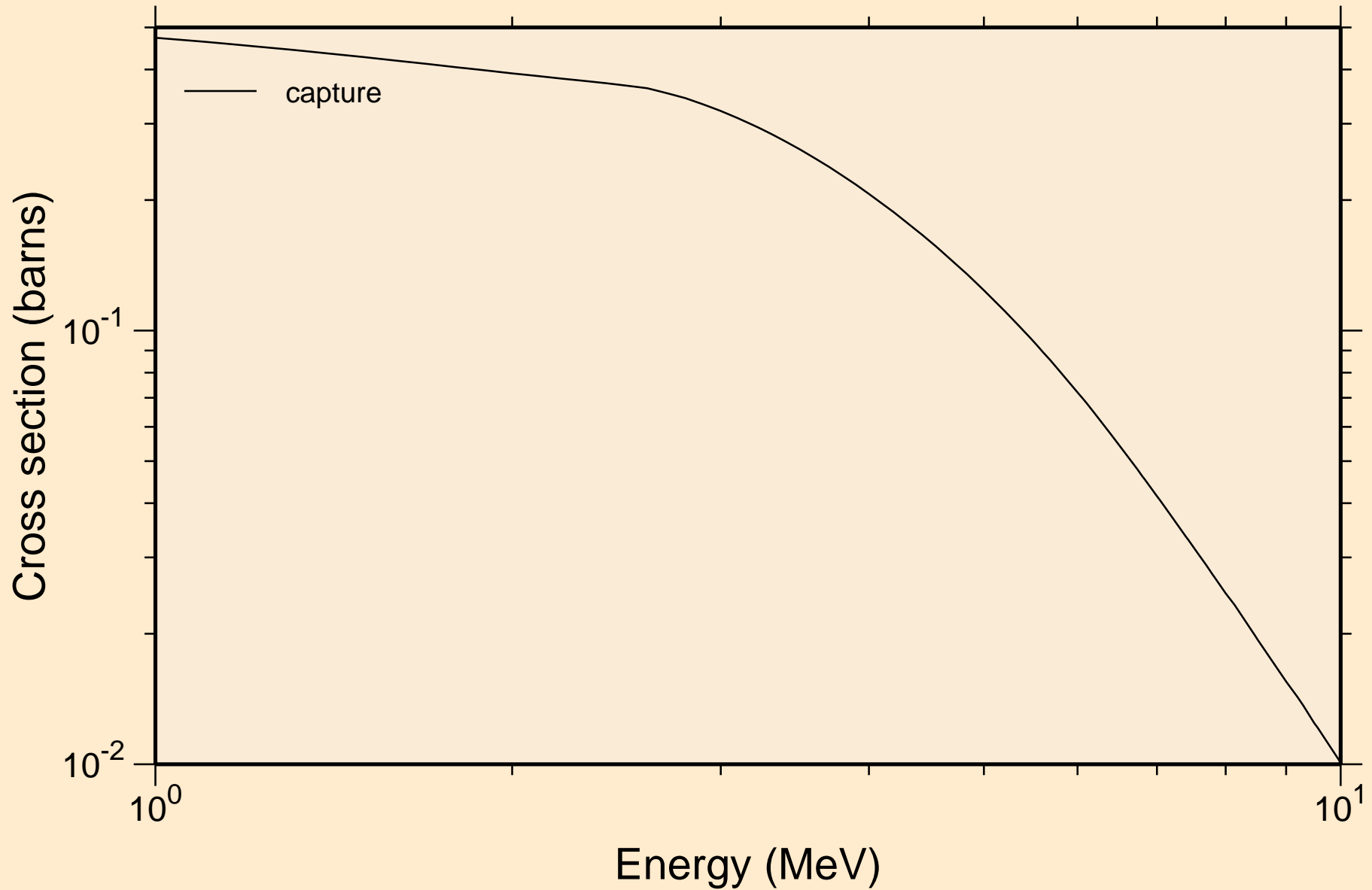


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

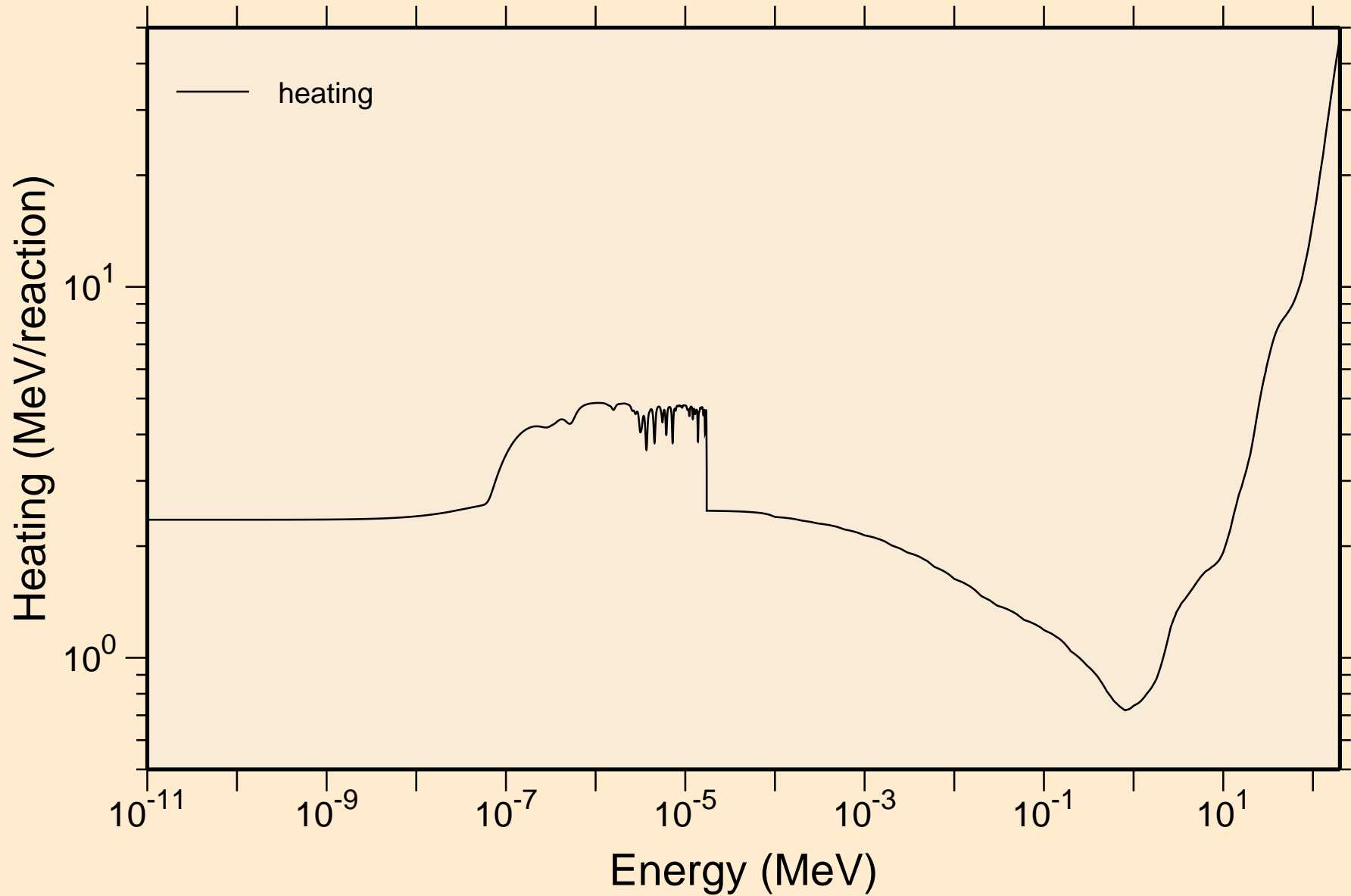




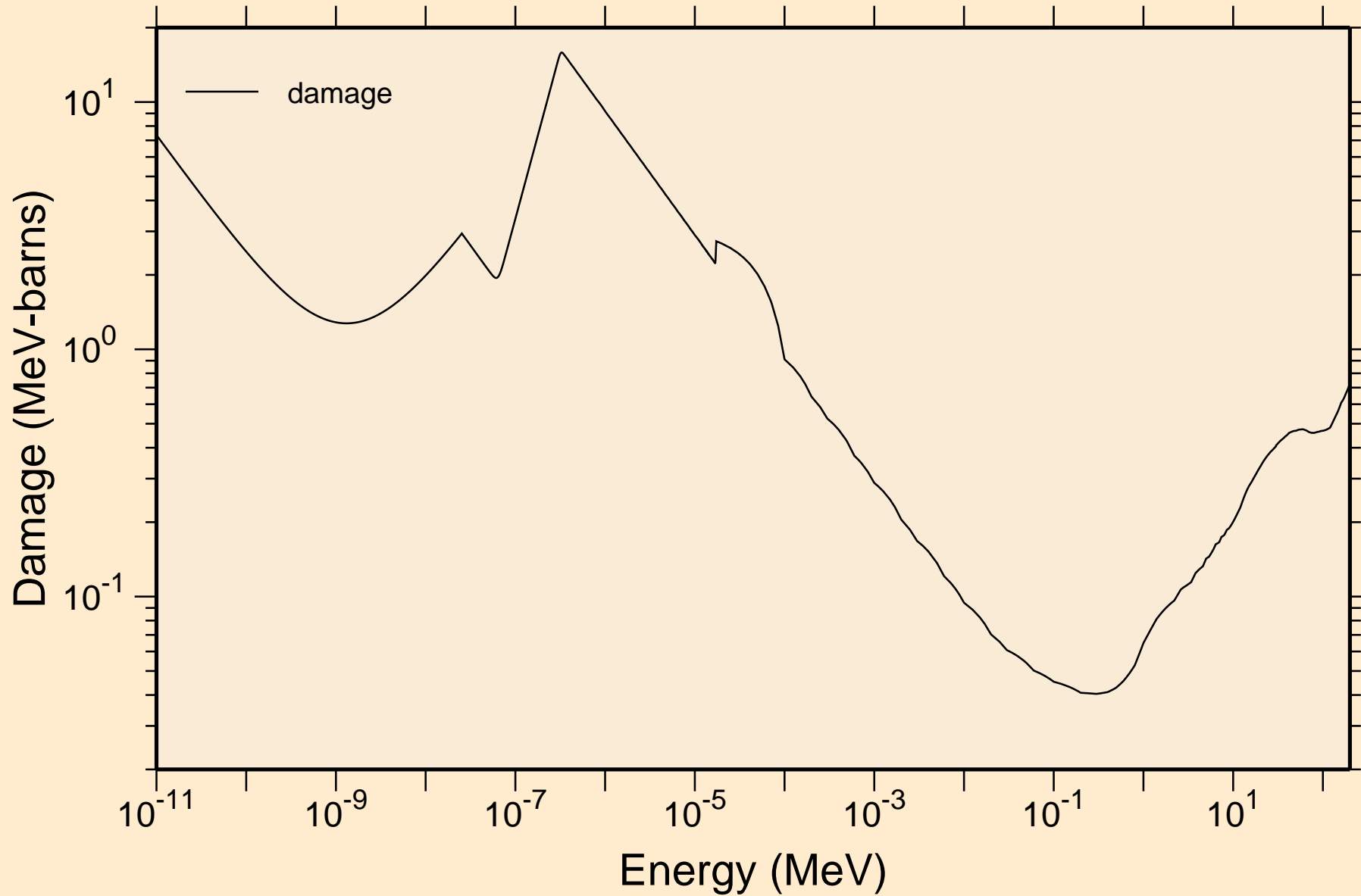
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



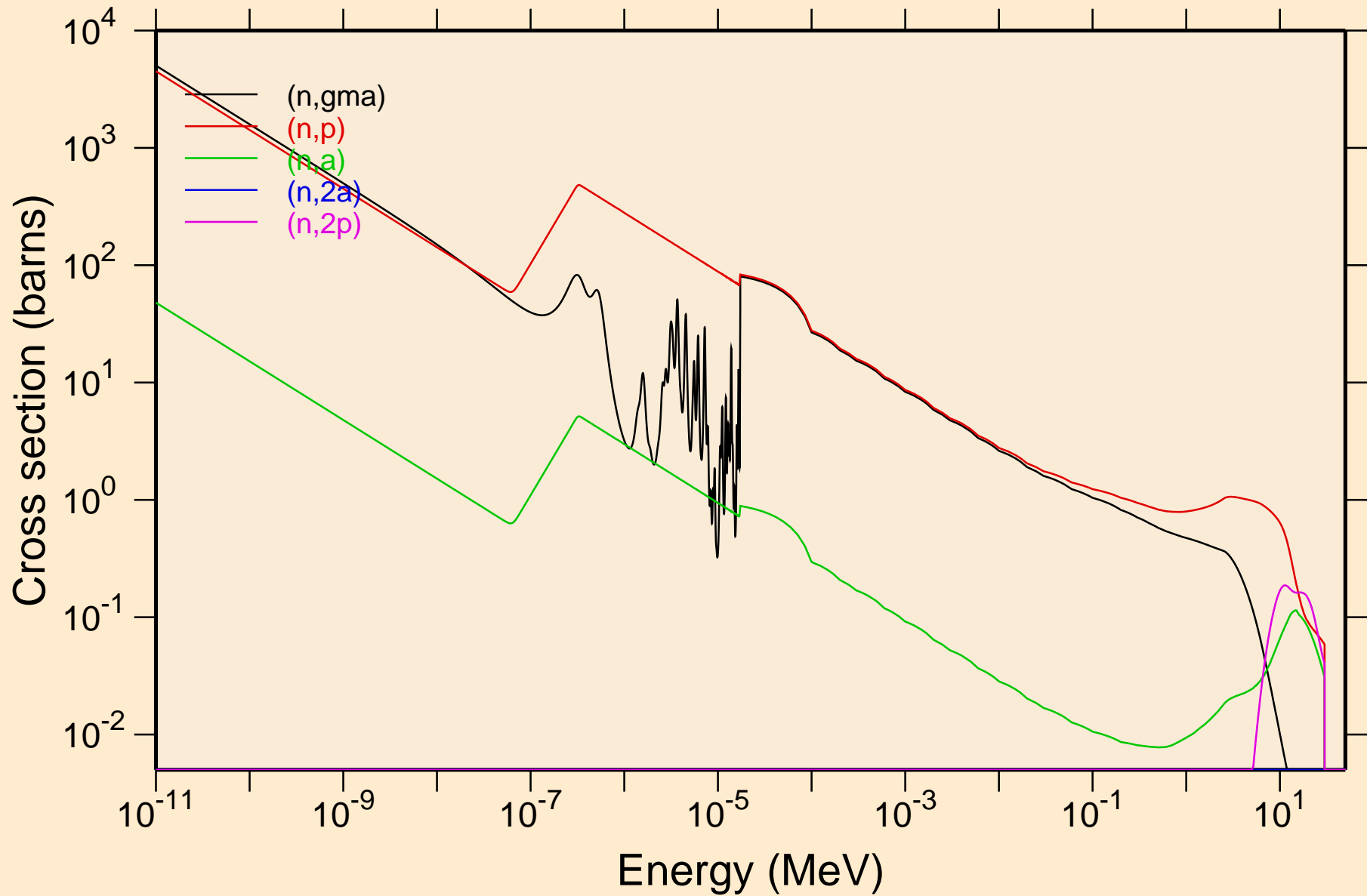
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



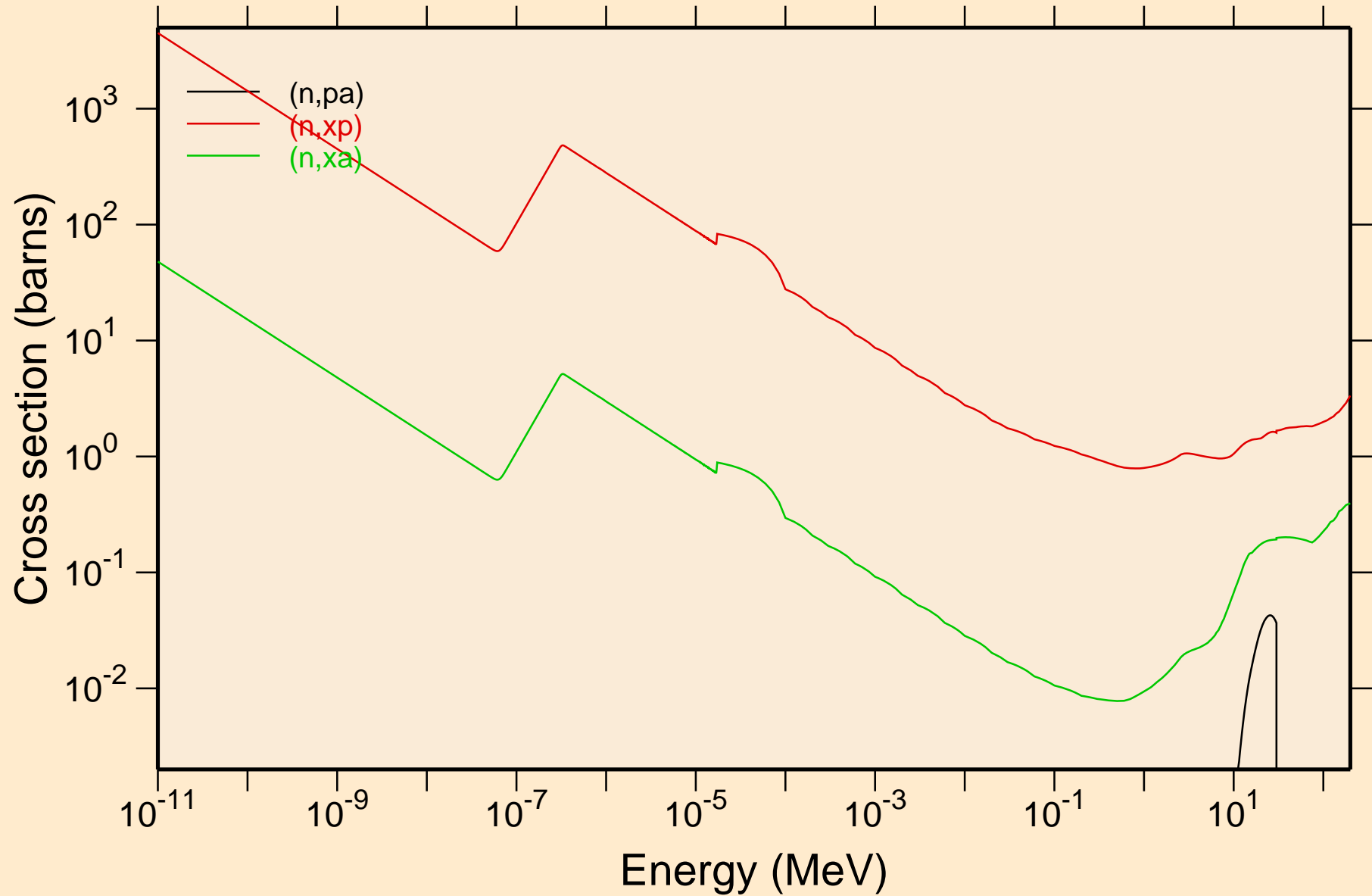
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

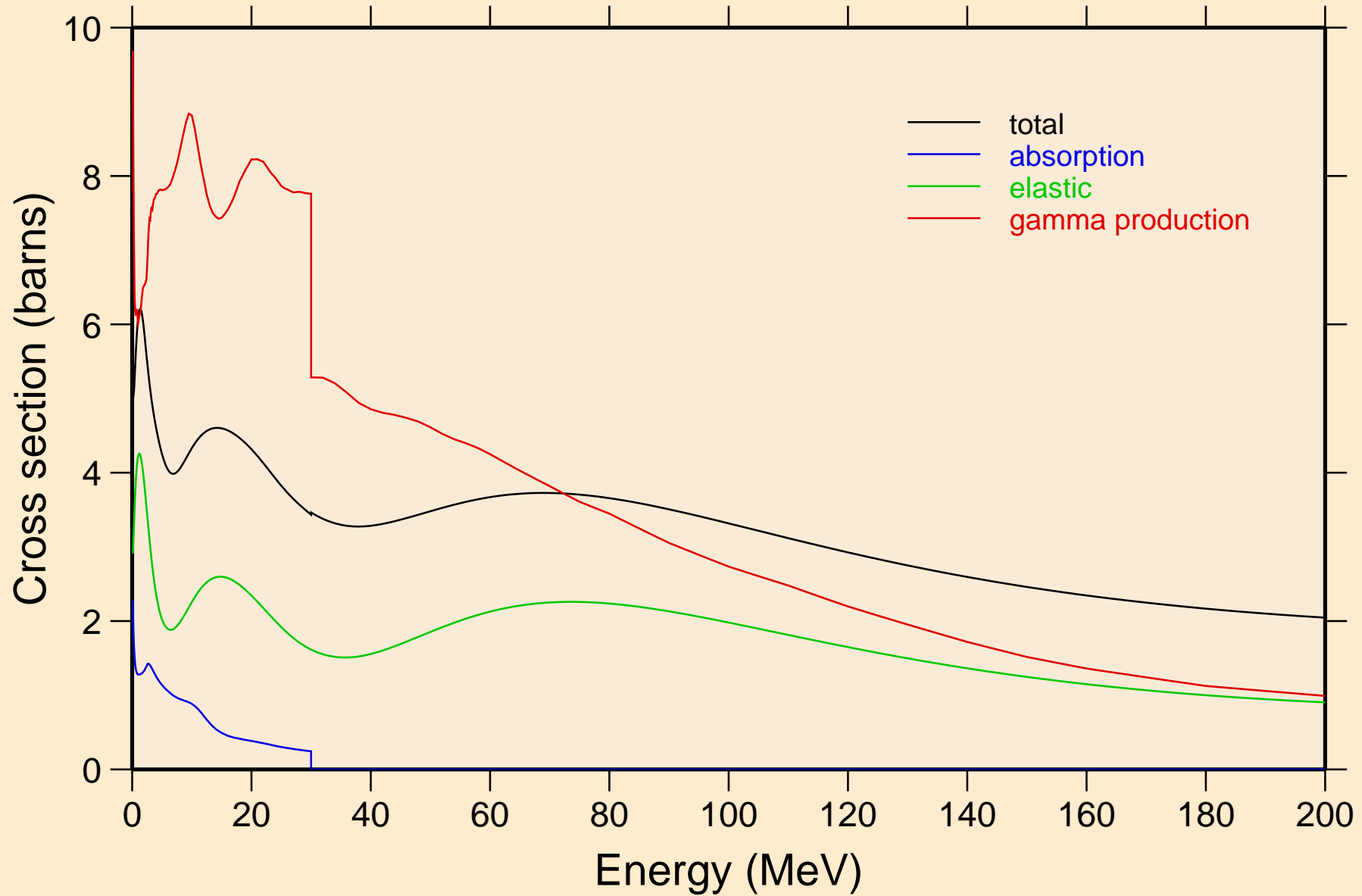


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



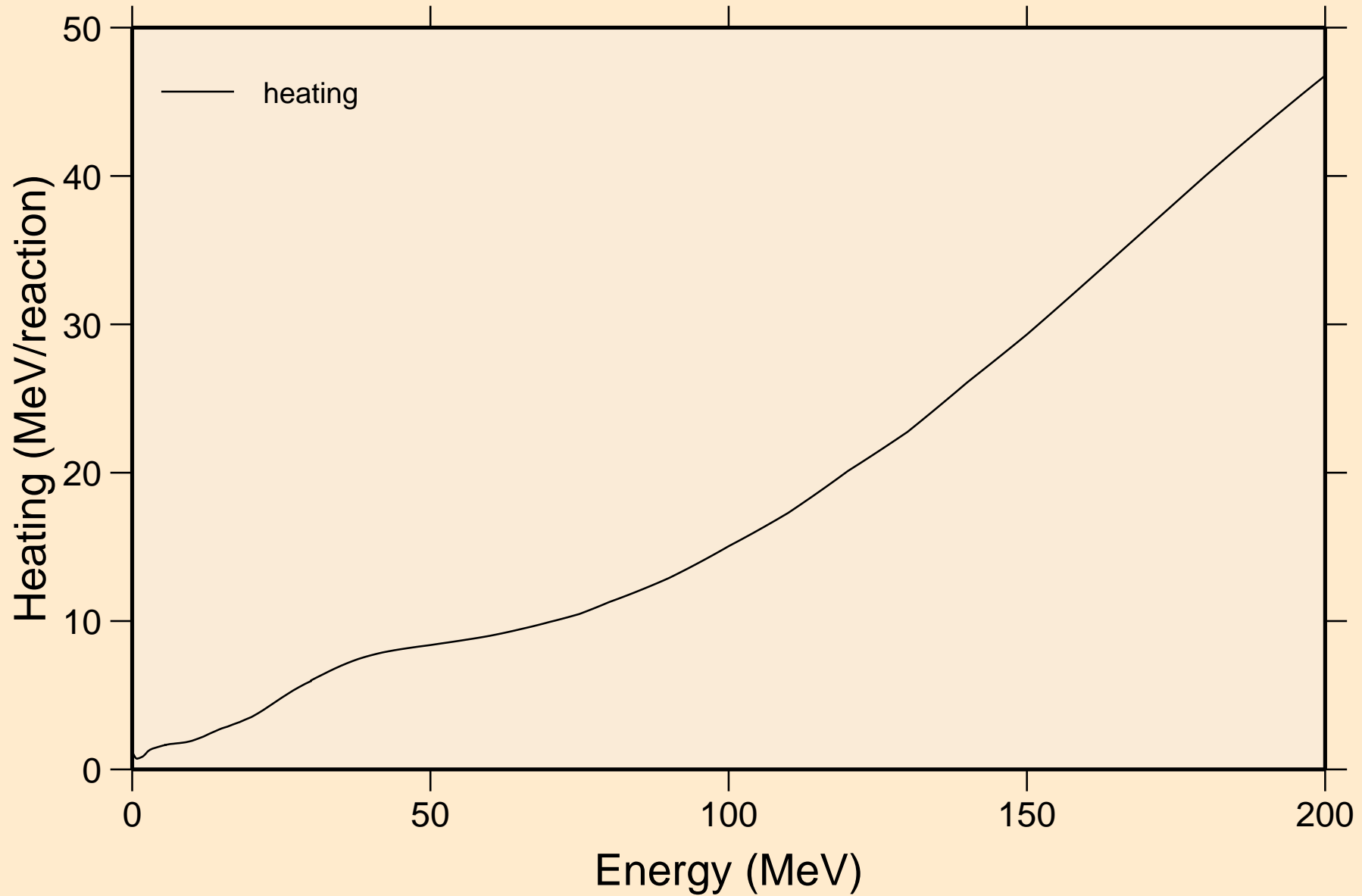
# BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

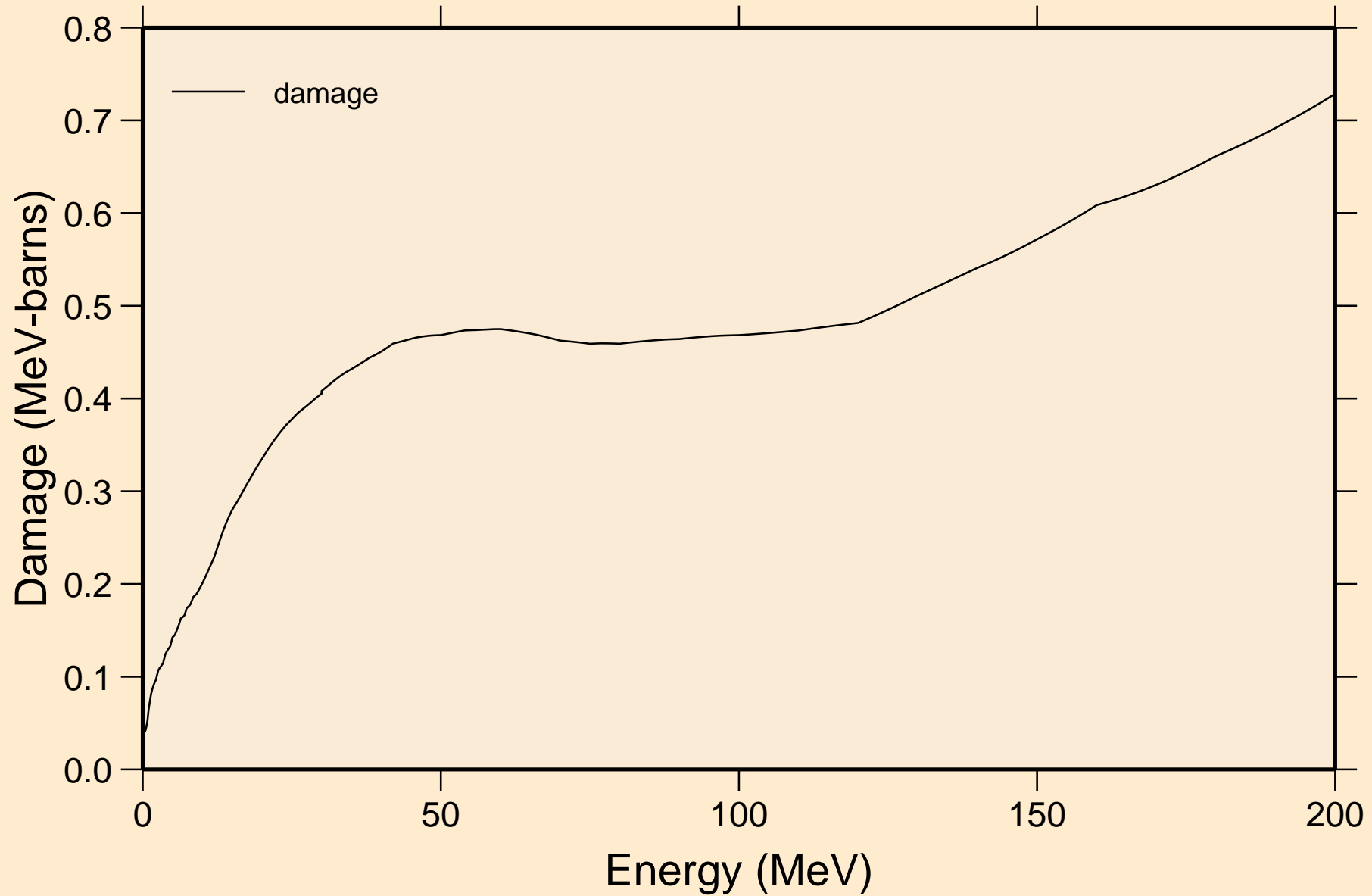


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Heating

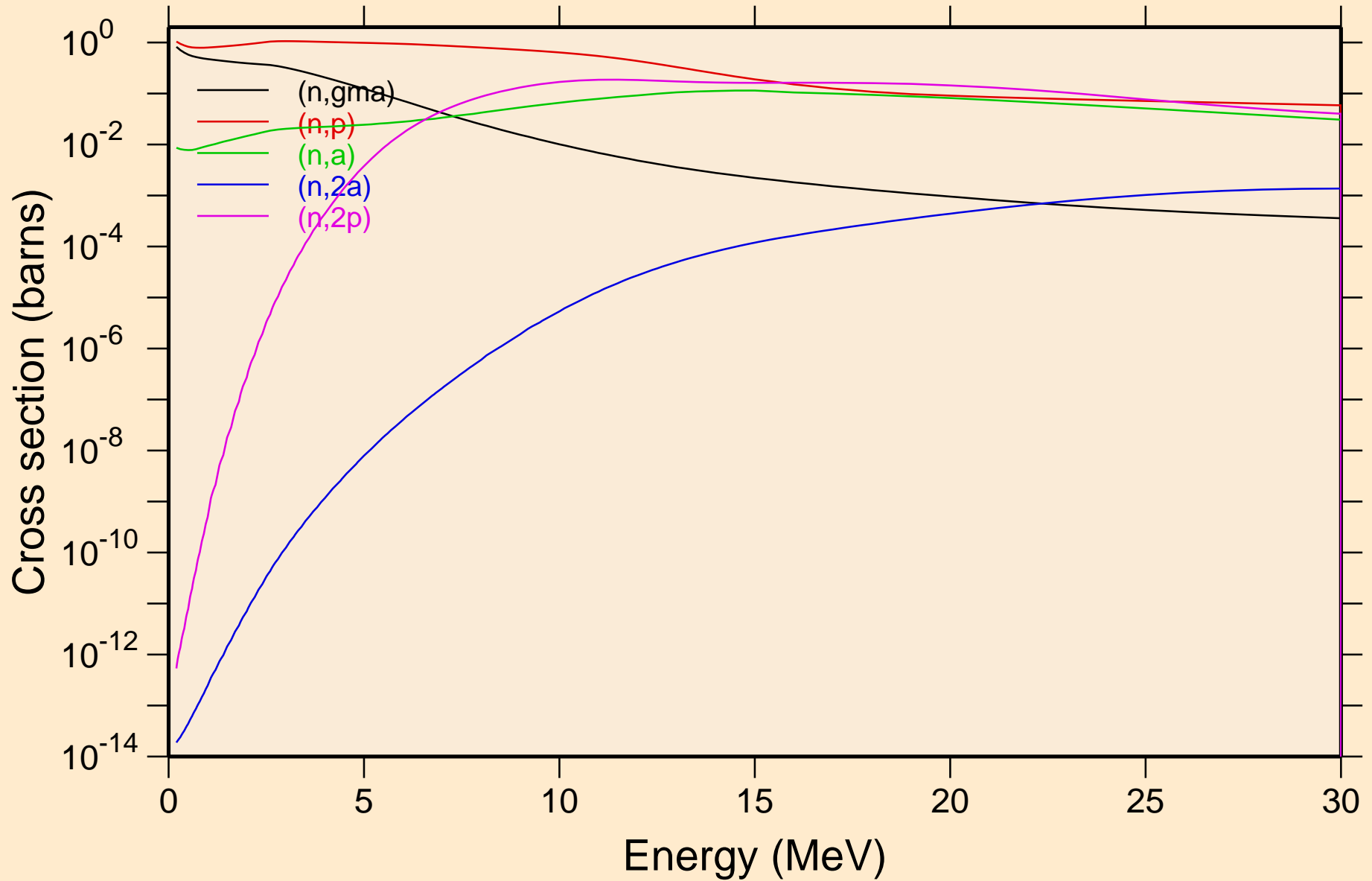


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

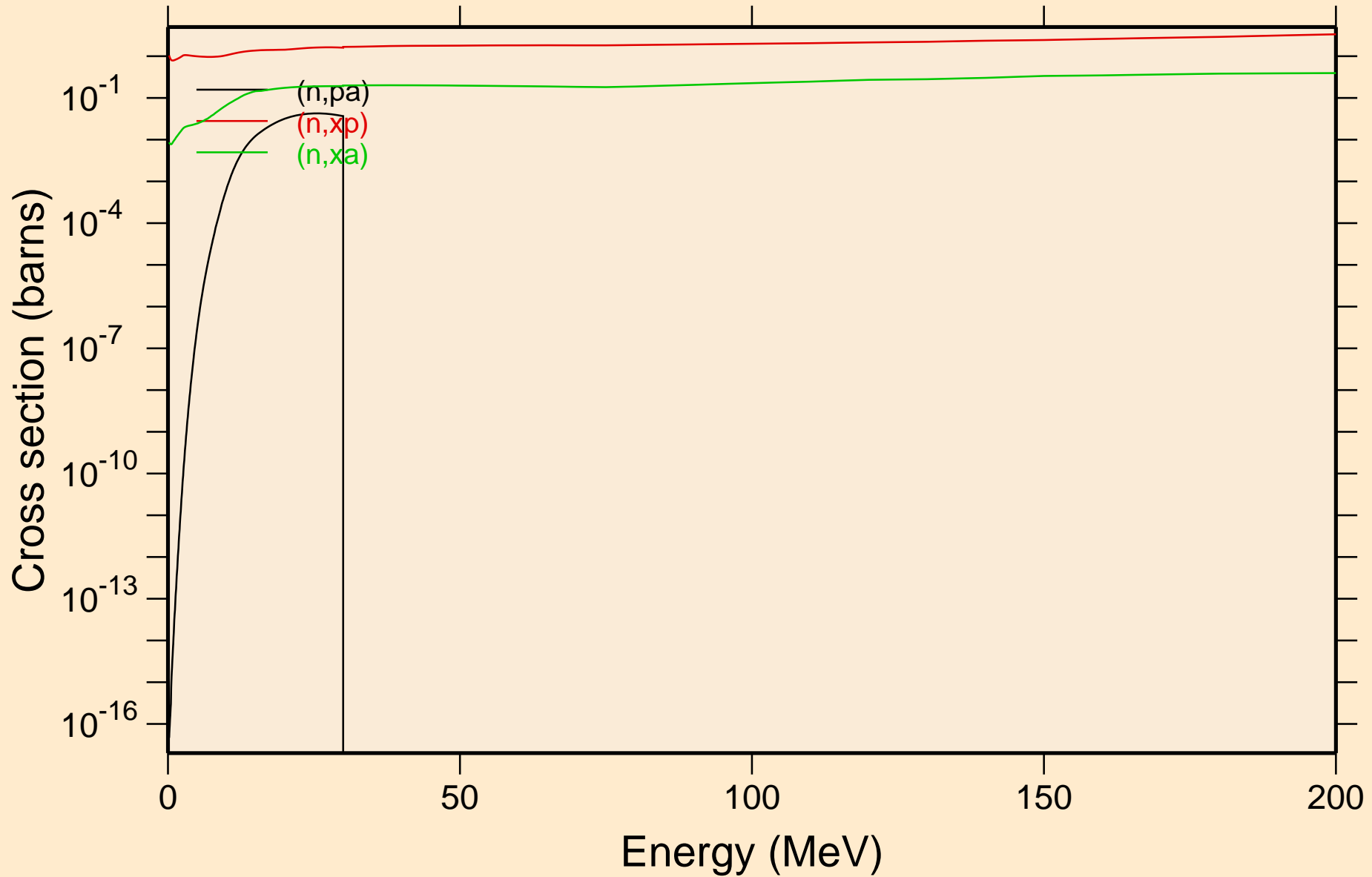




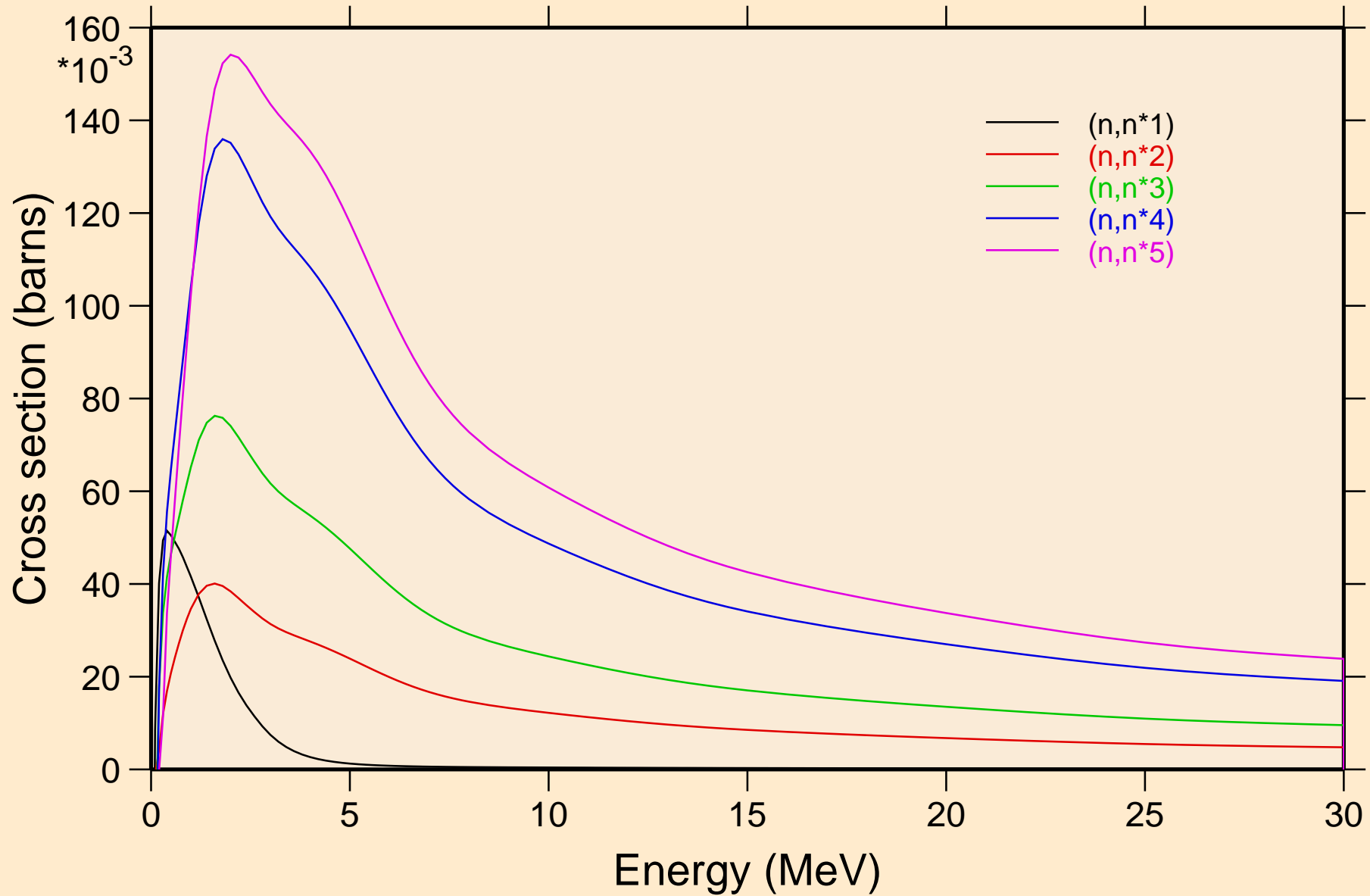
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



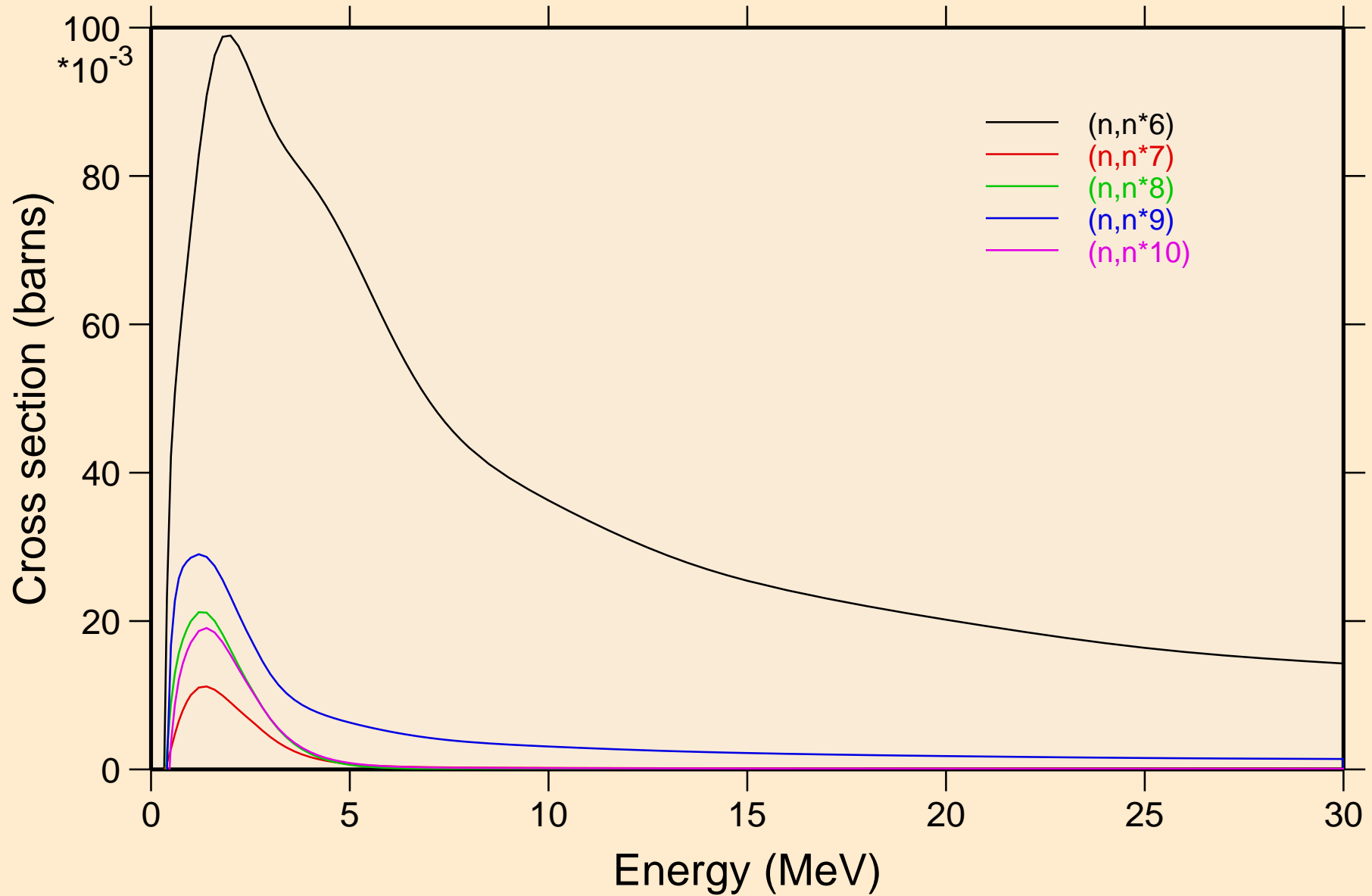
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



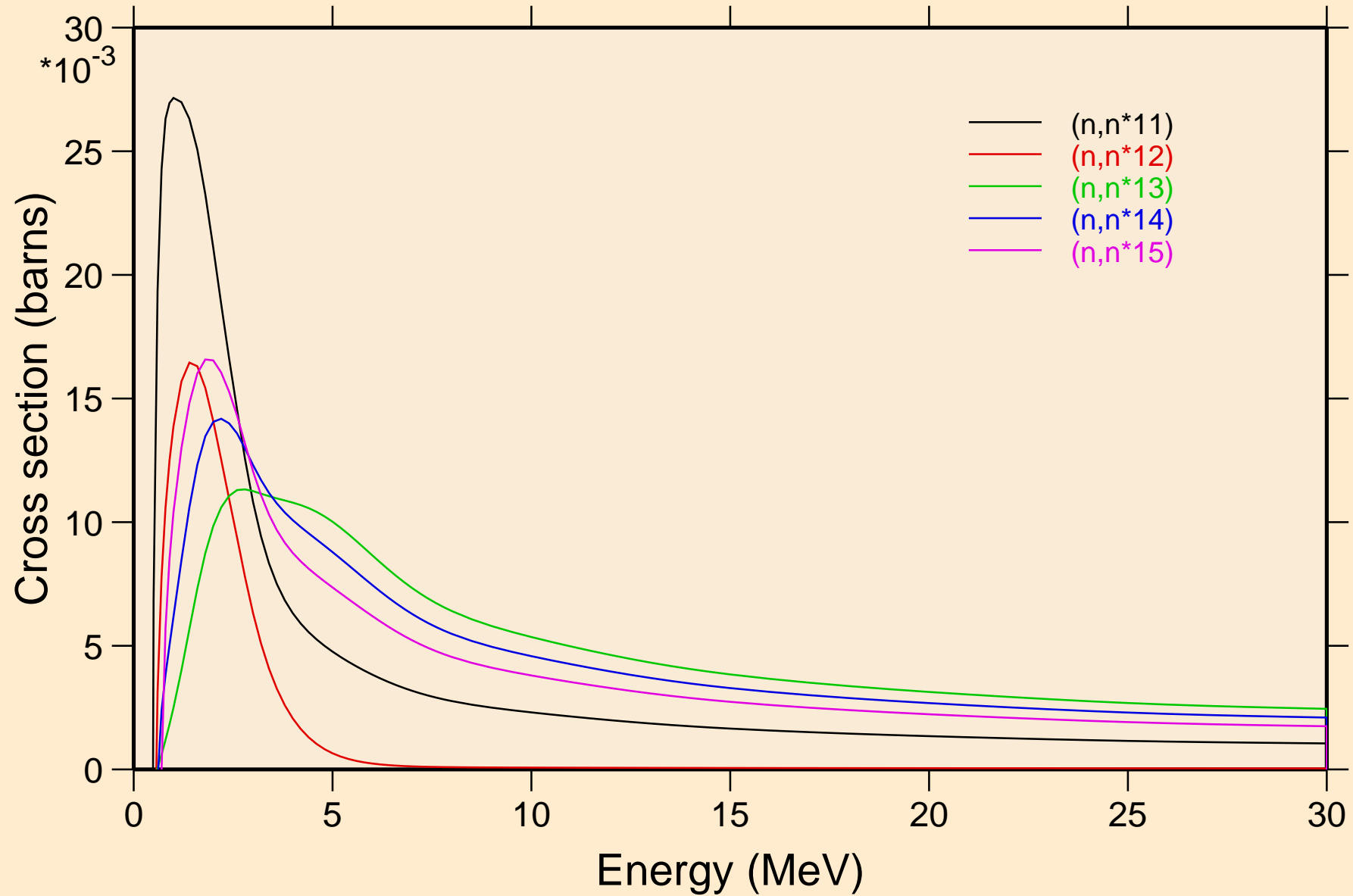
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



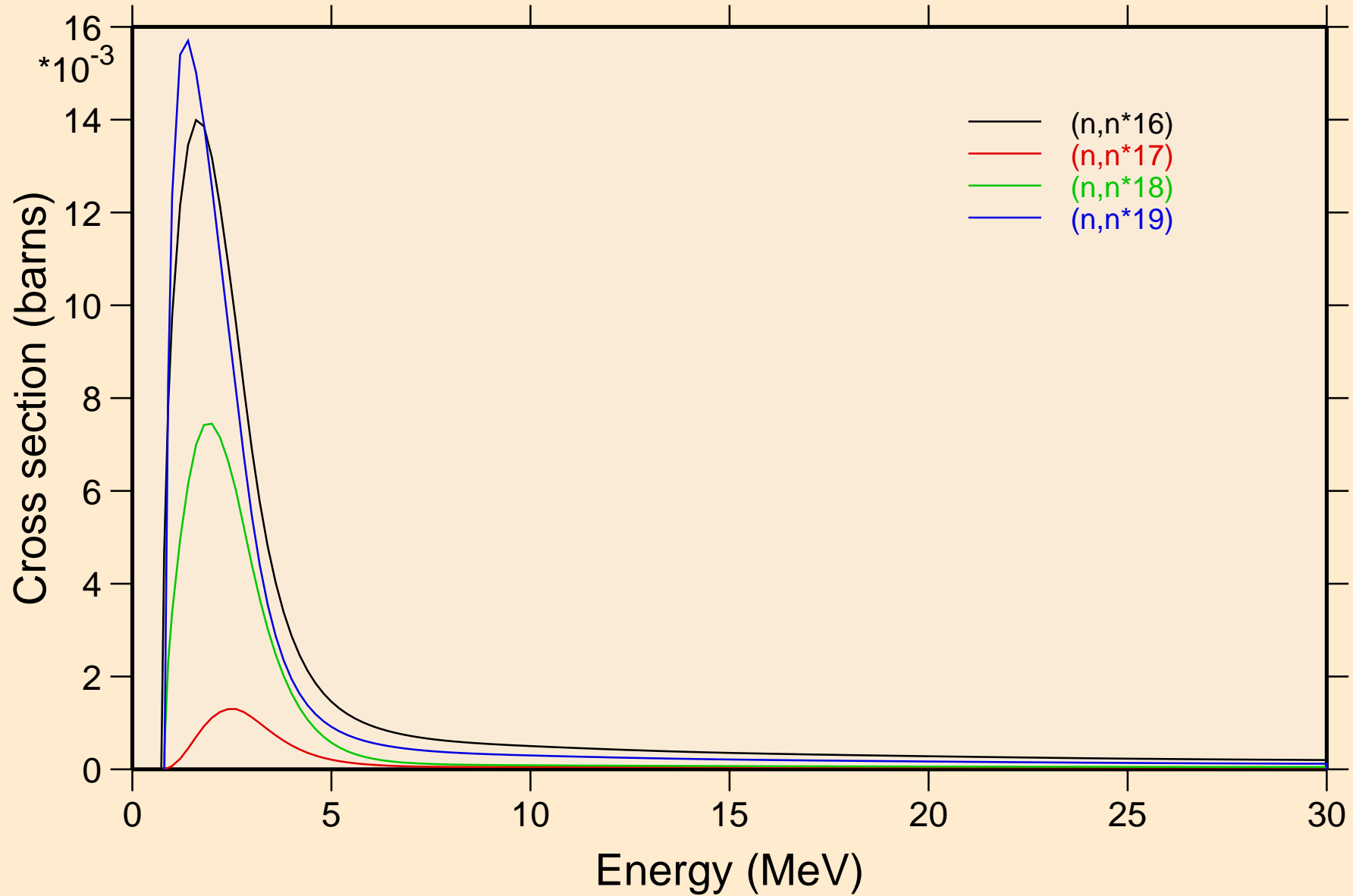
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



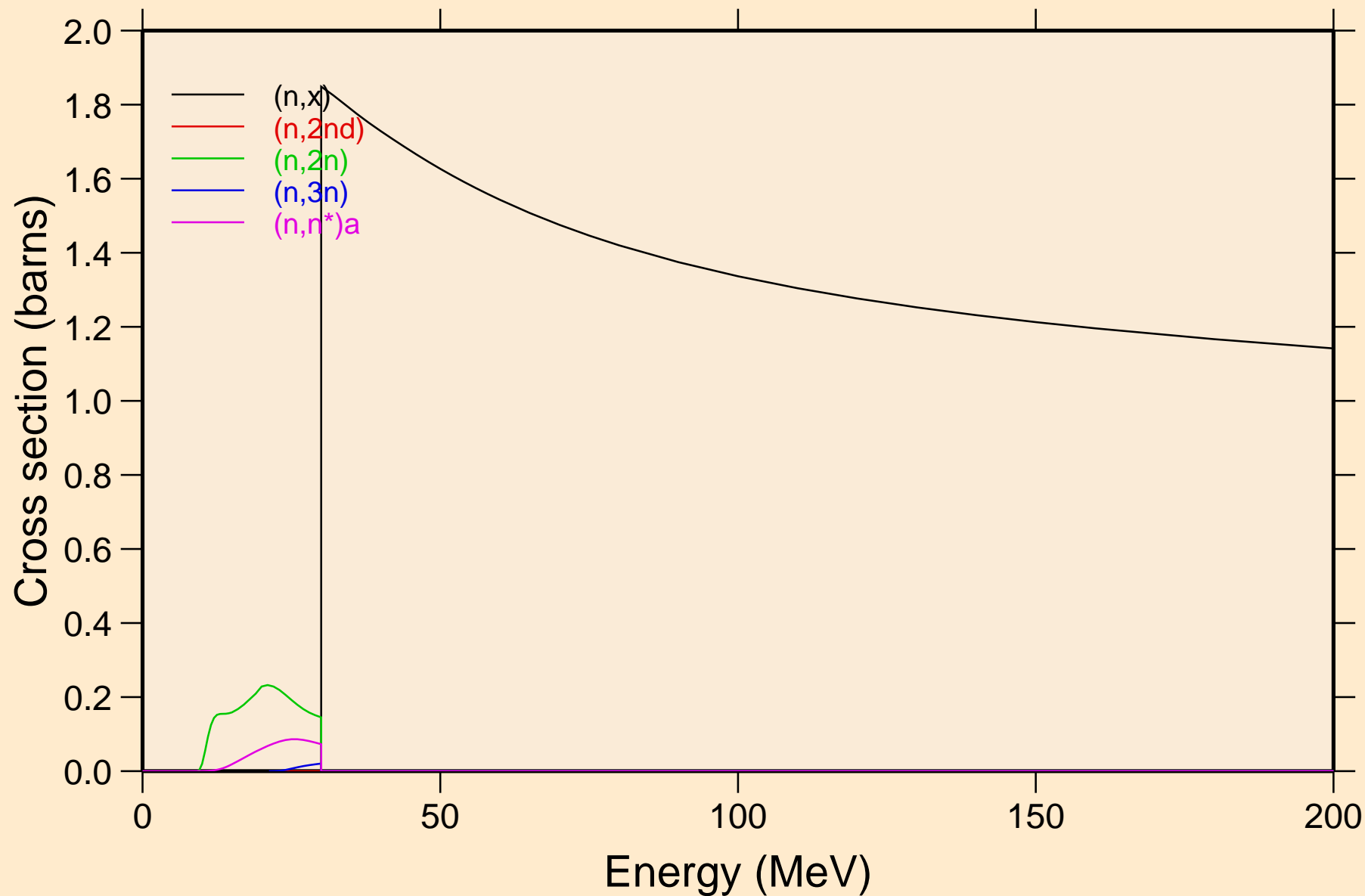
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



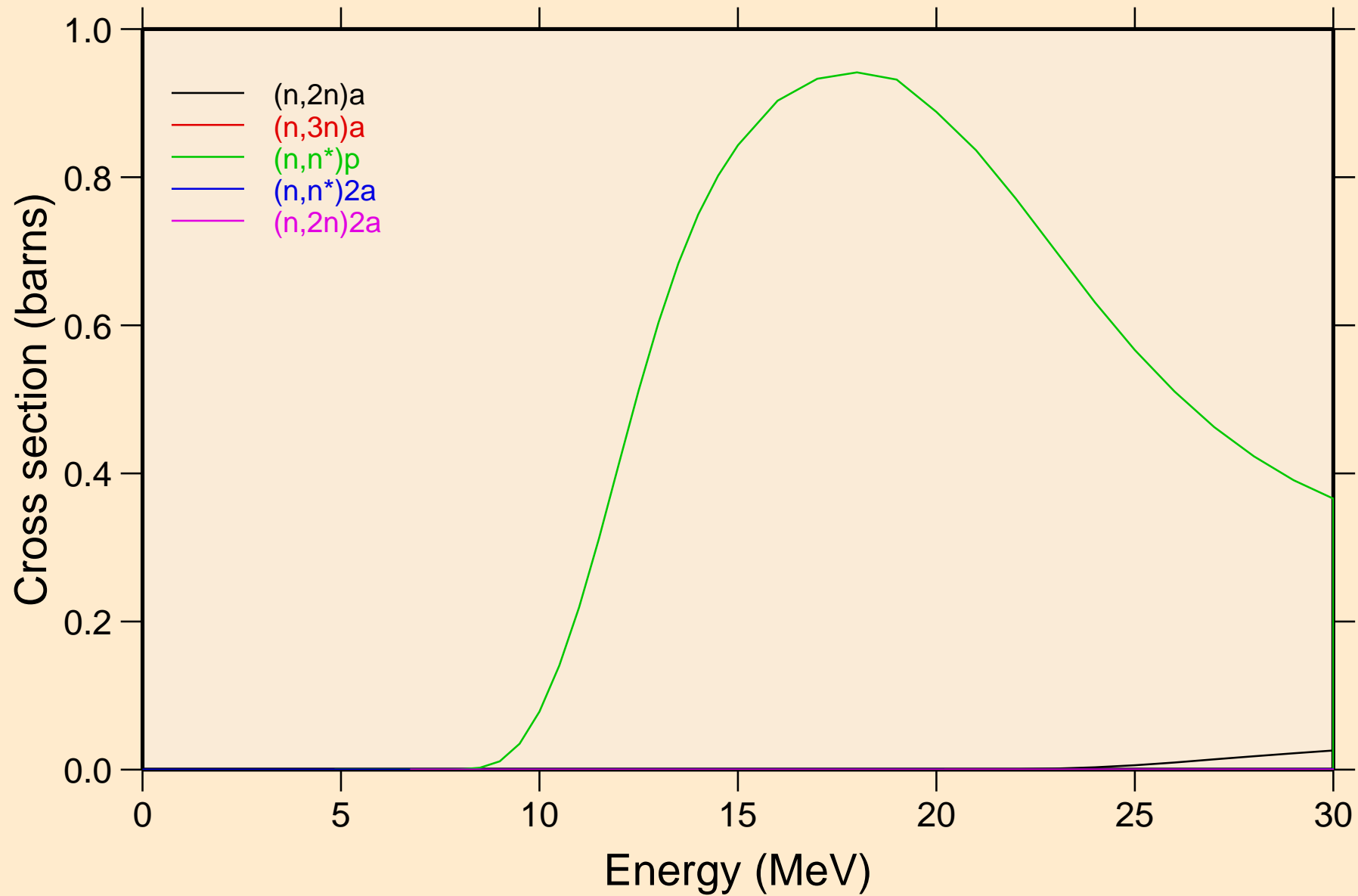
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

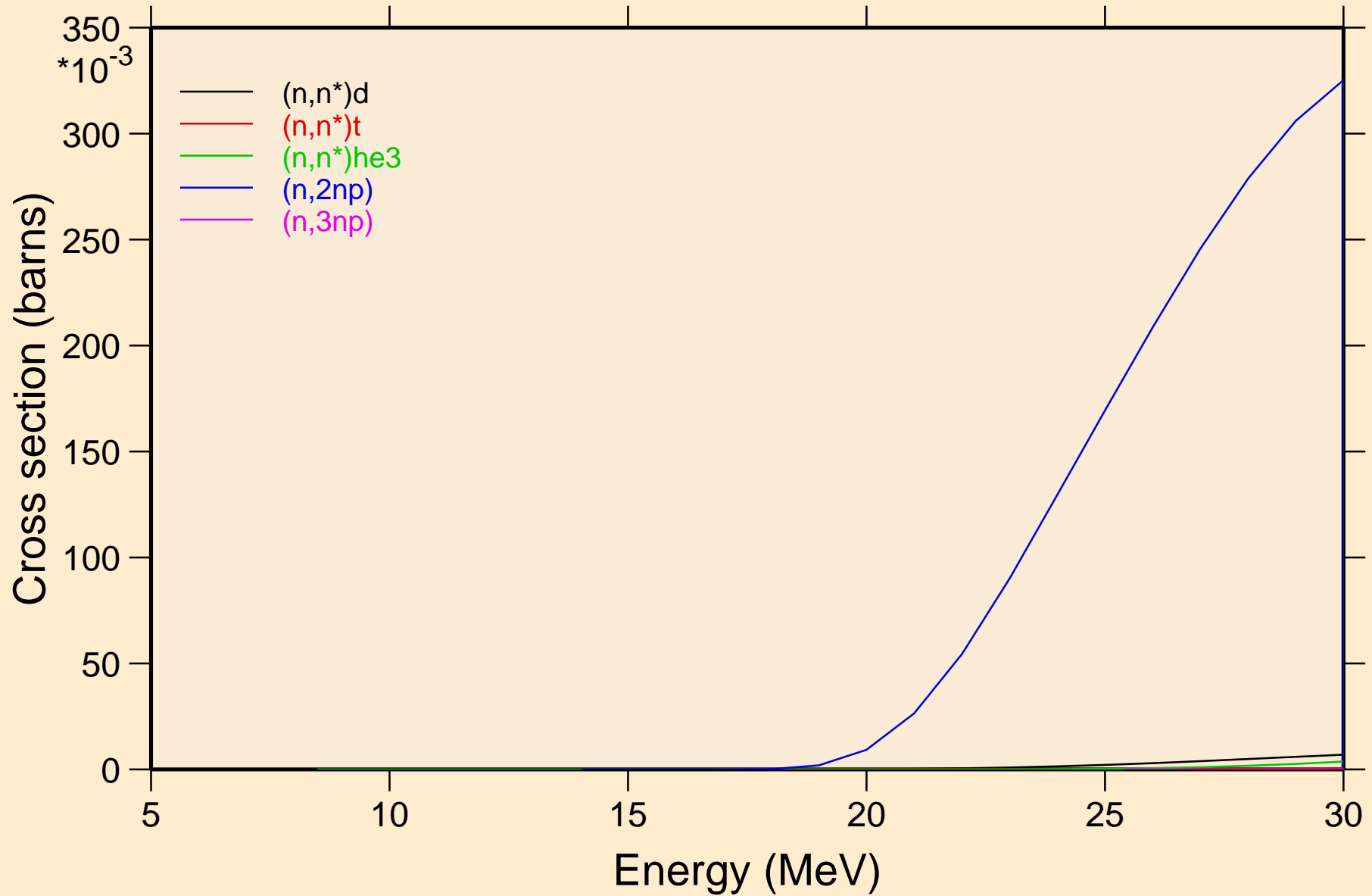


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

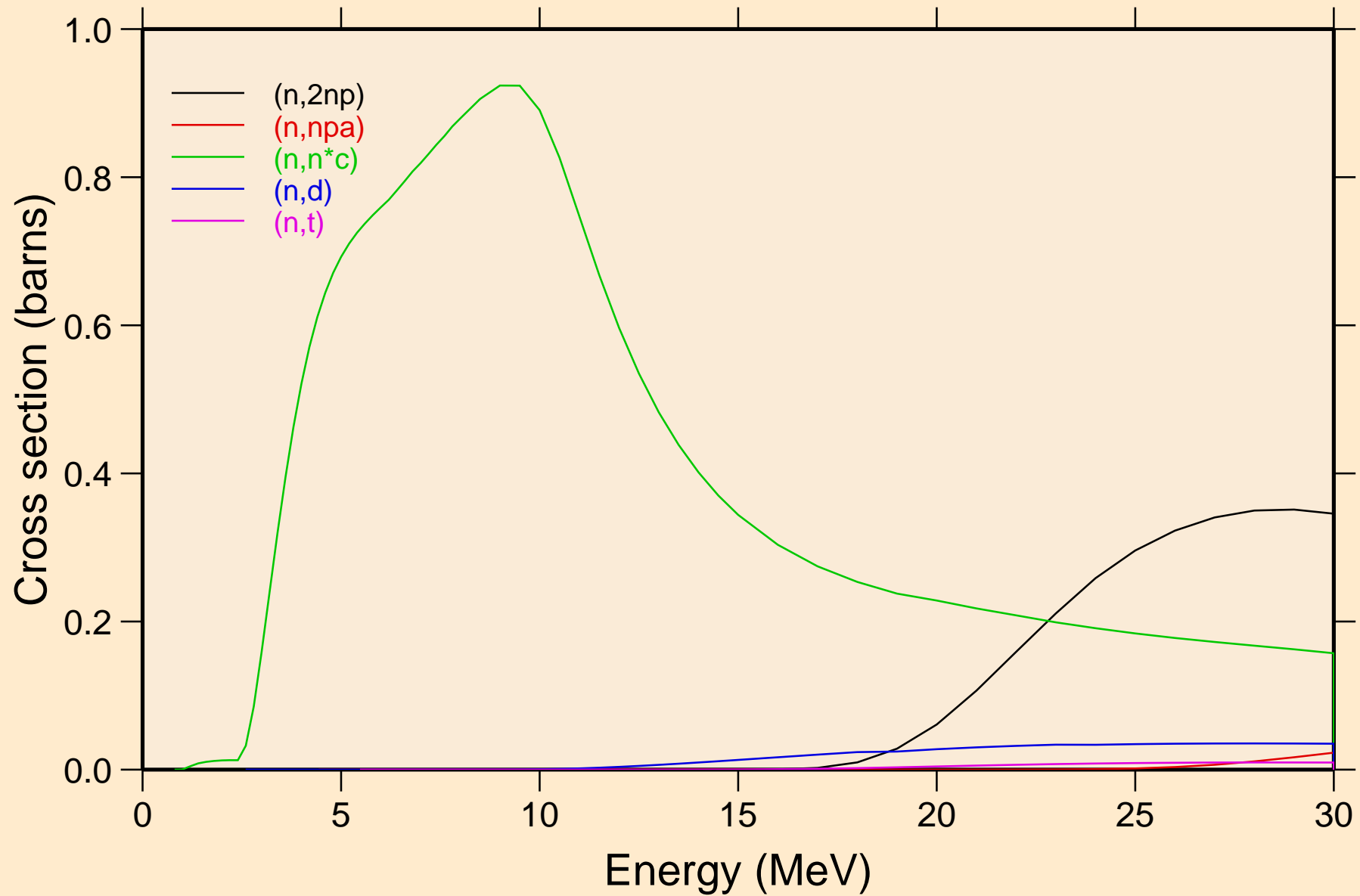




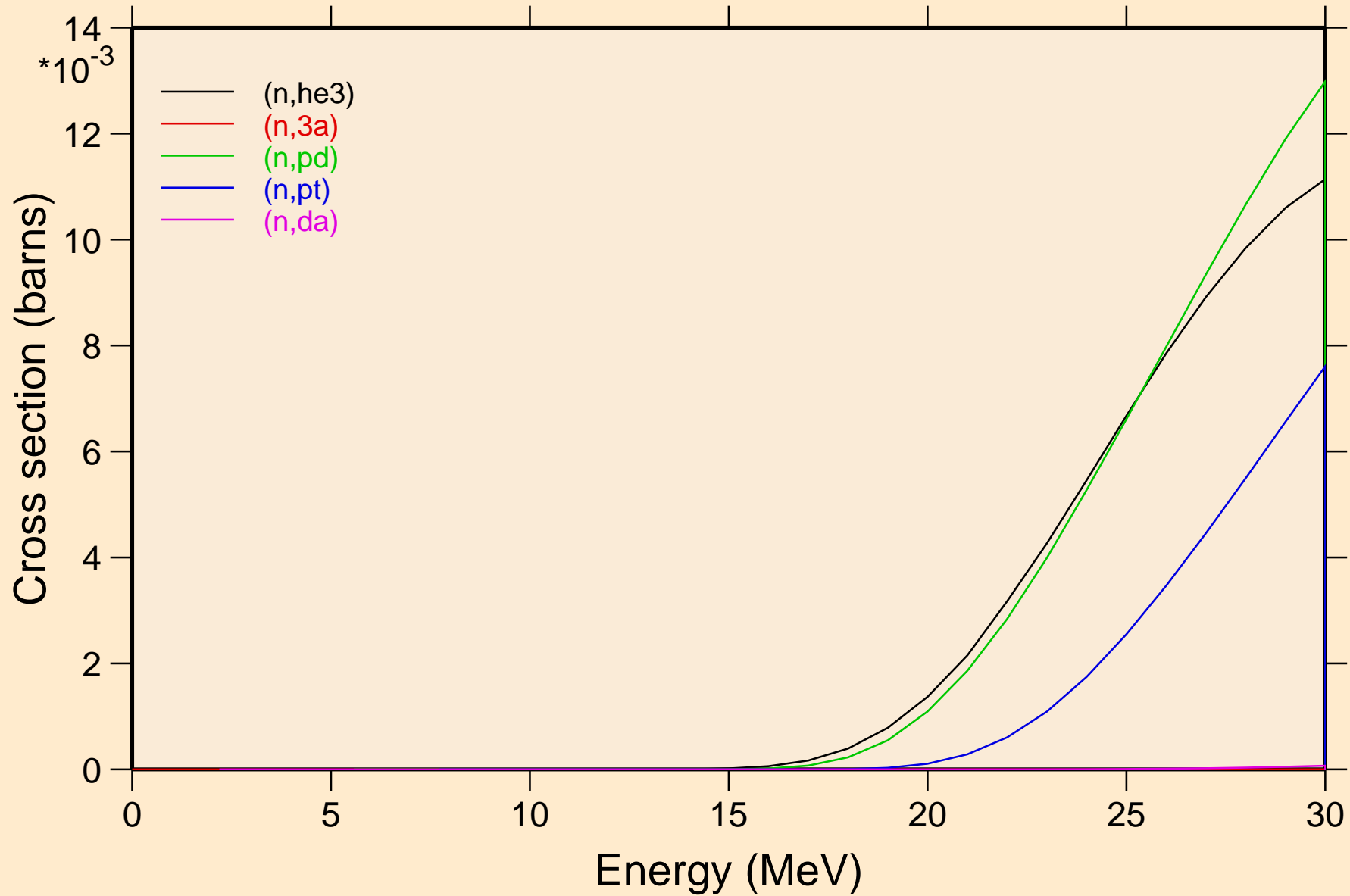
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



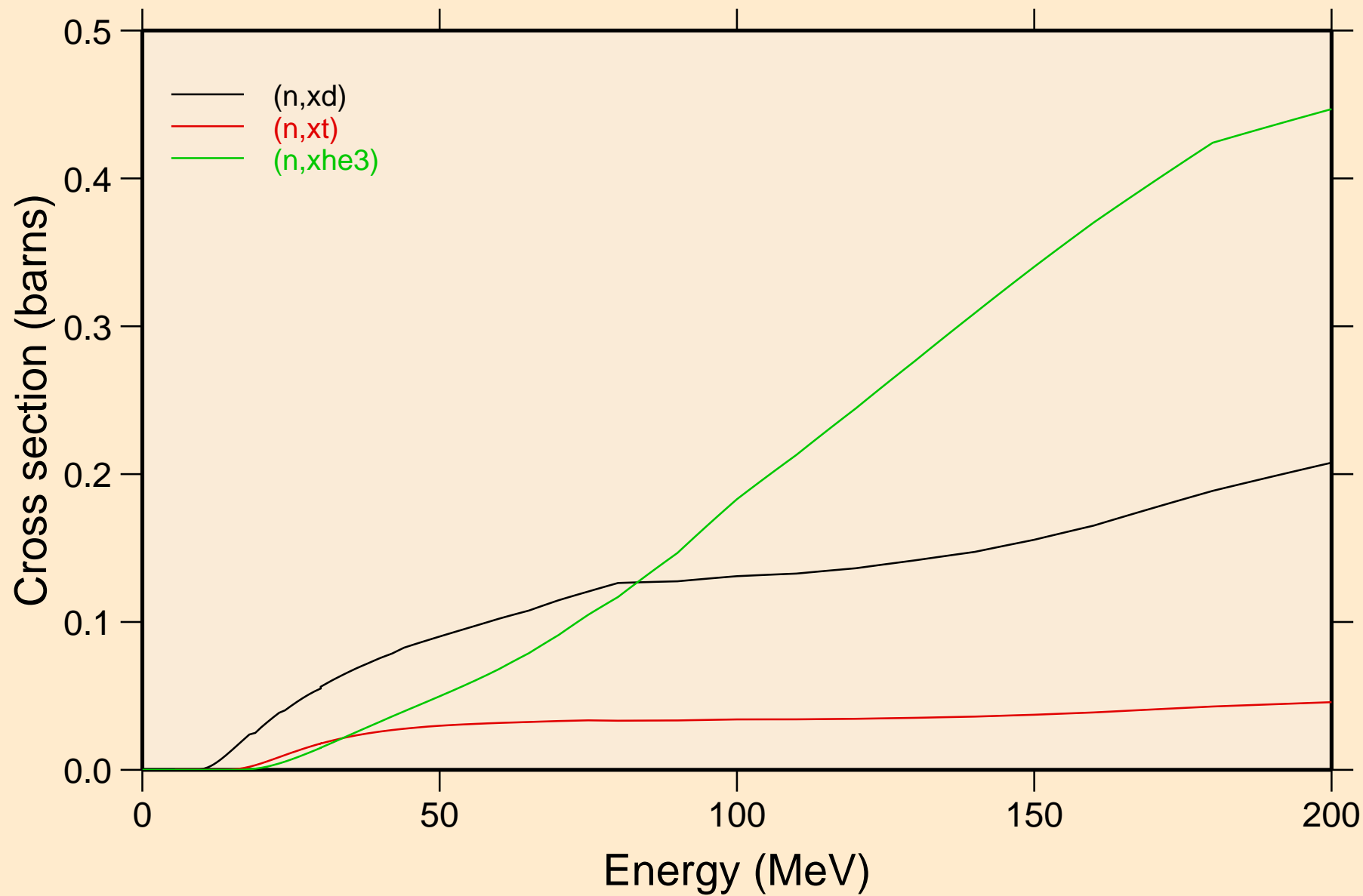
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



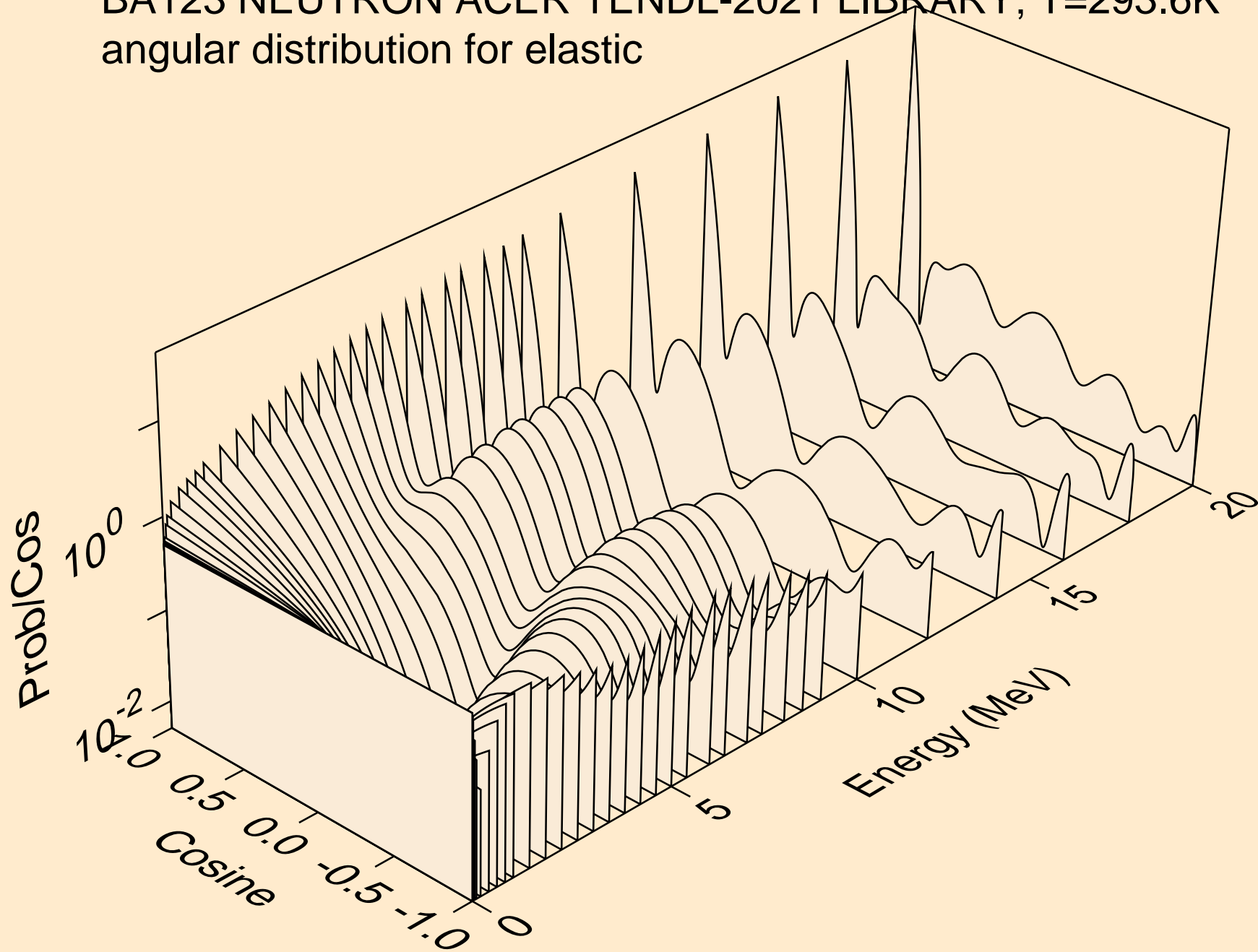
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



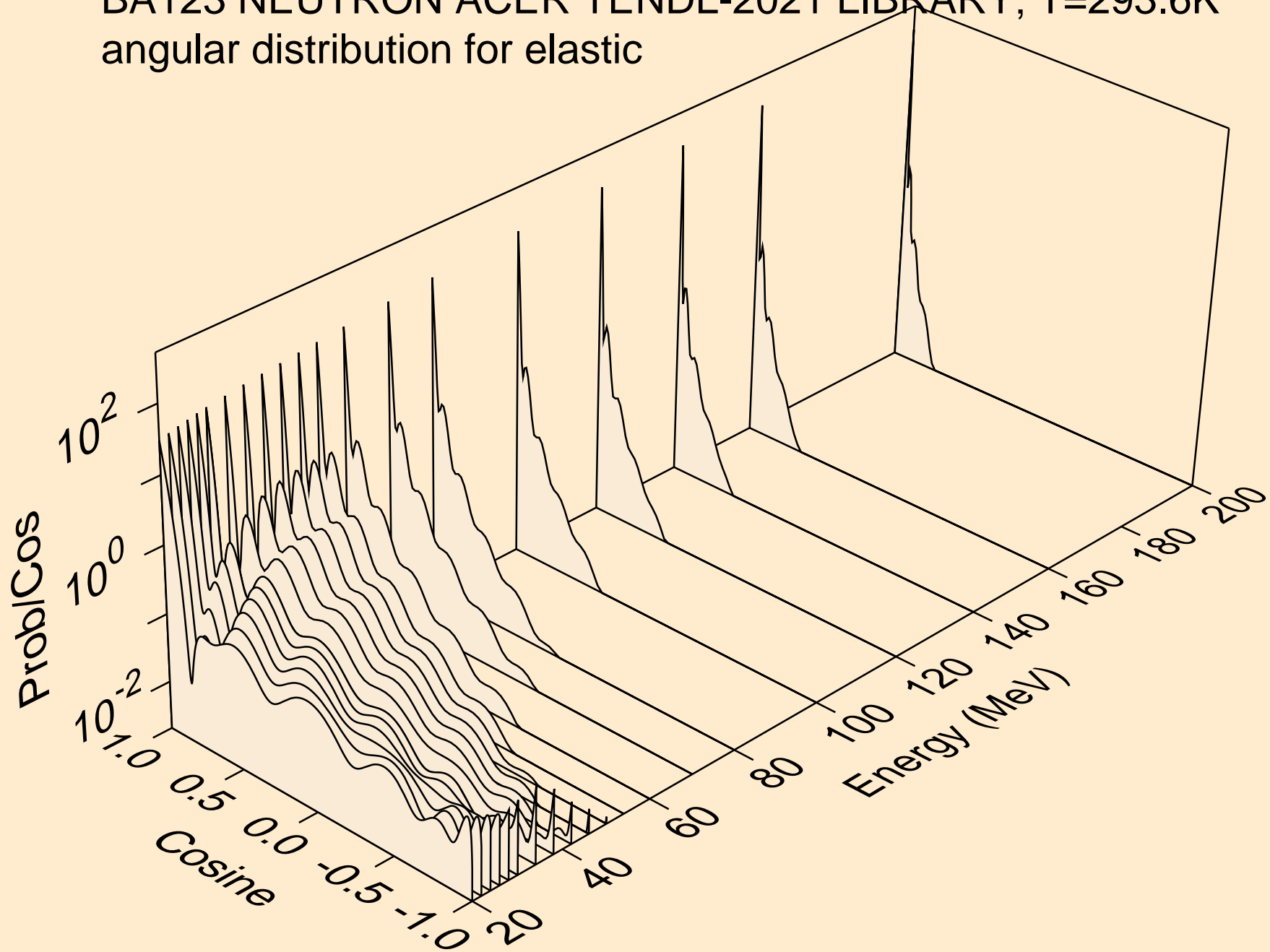
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



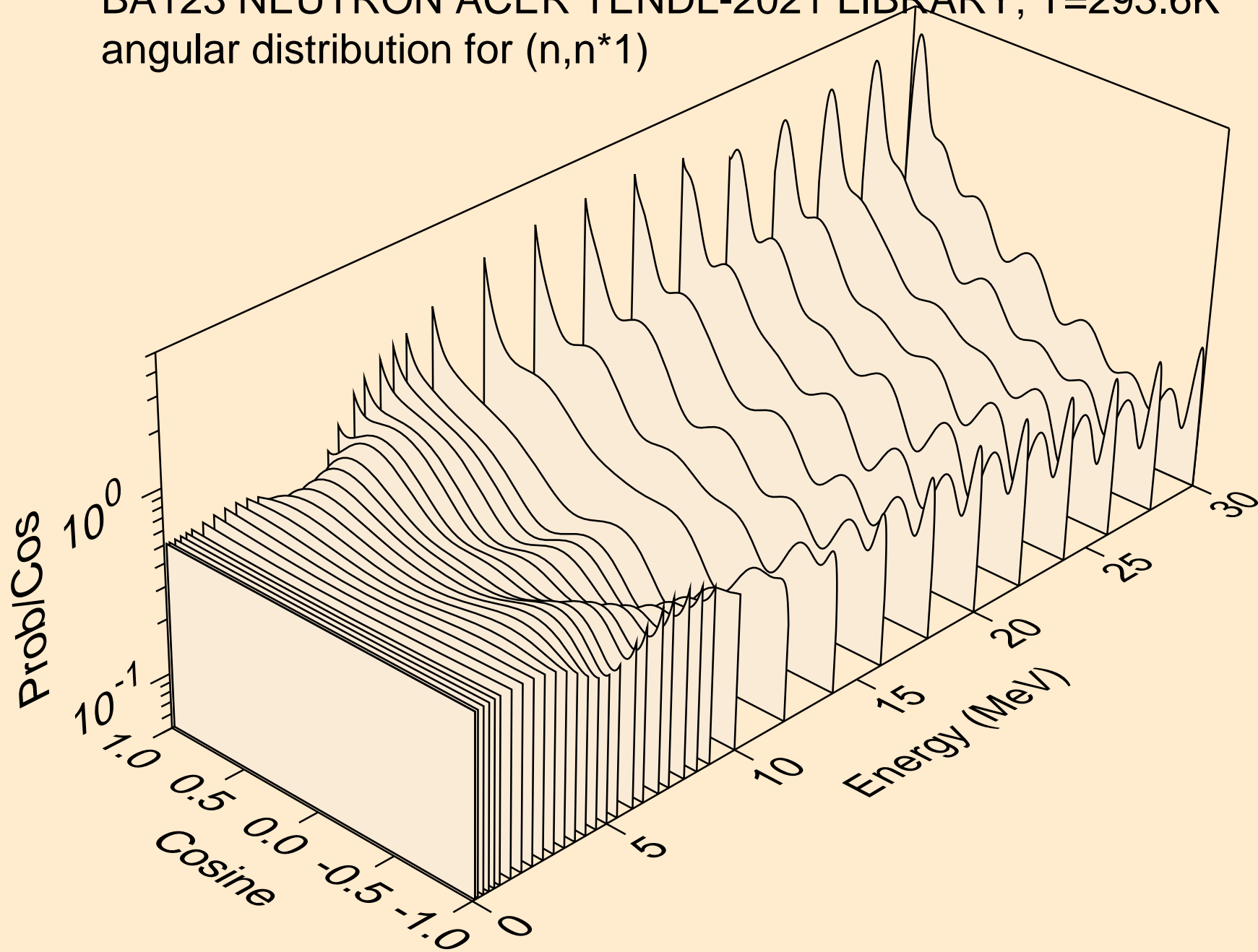
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



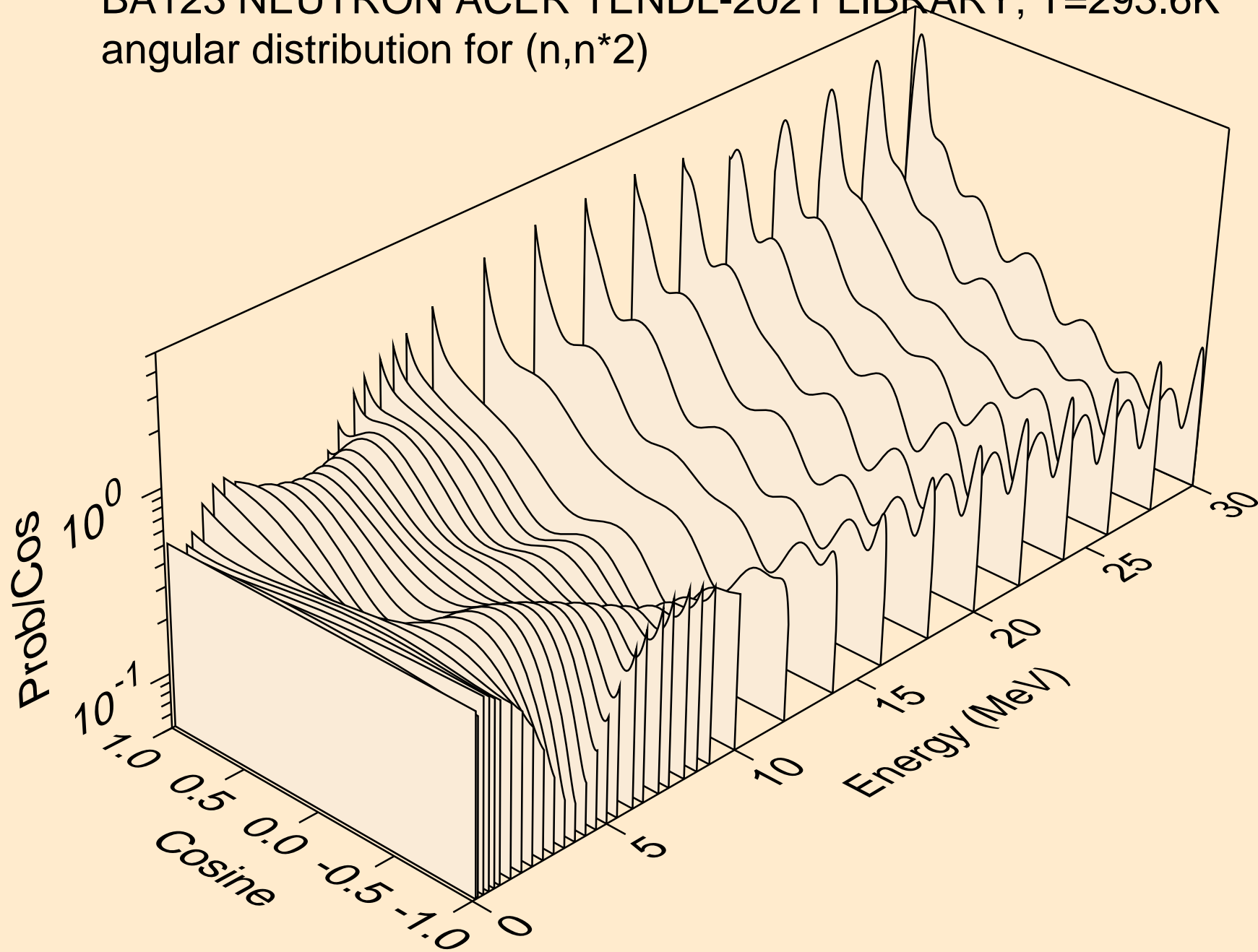
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

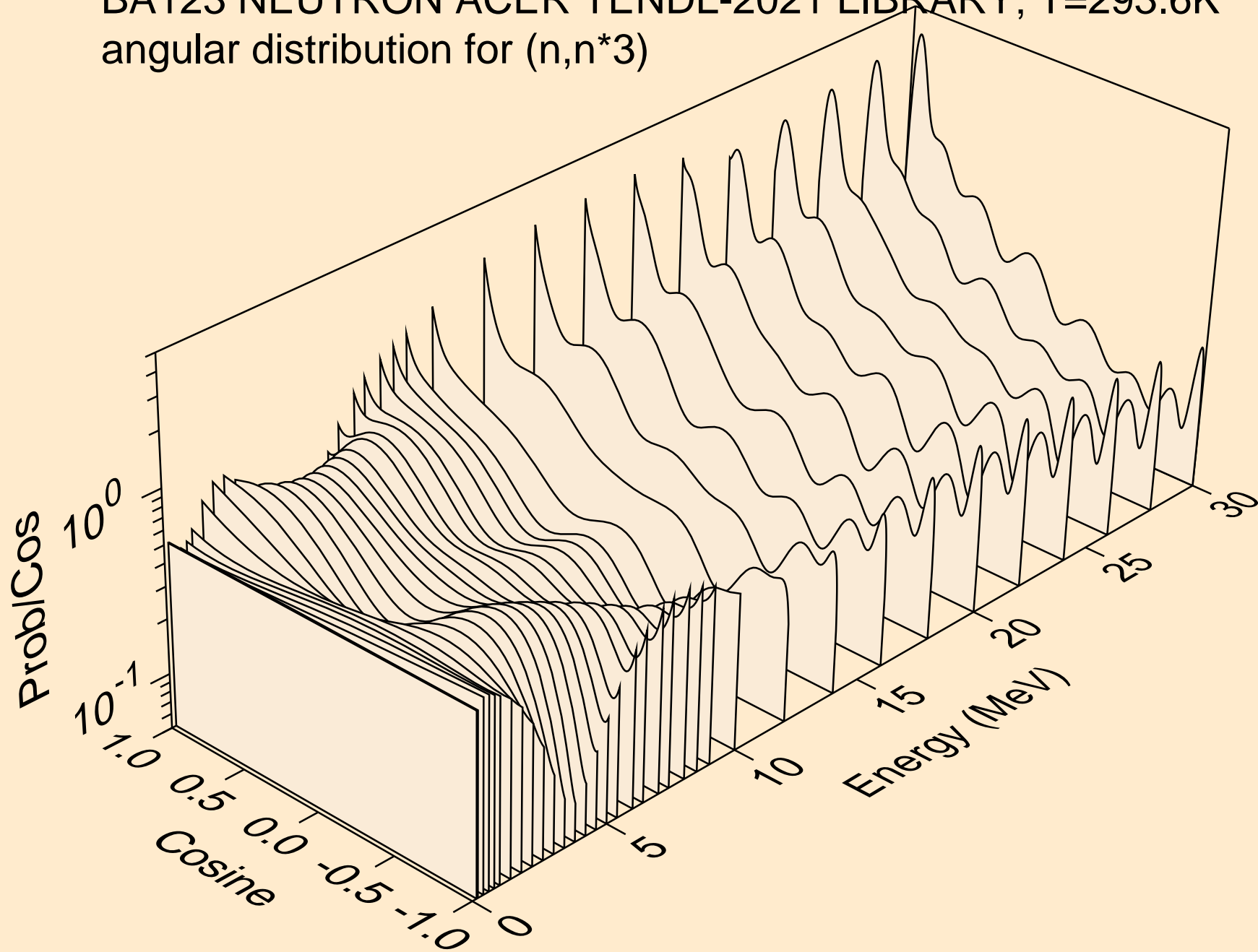


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

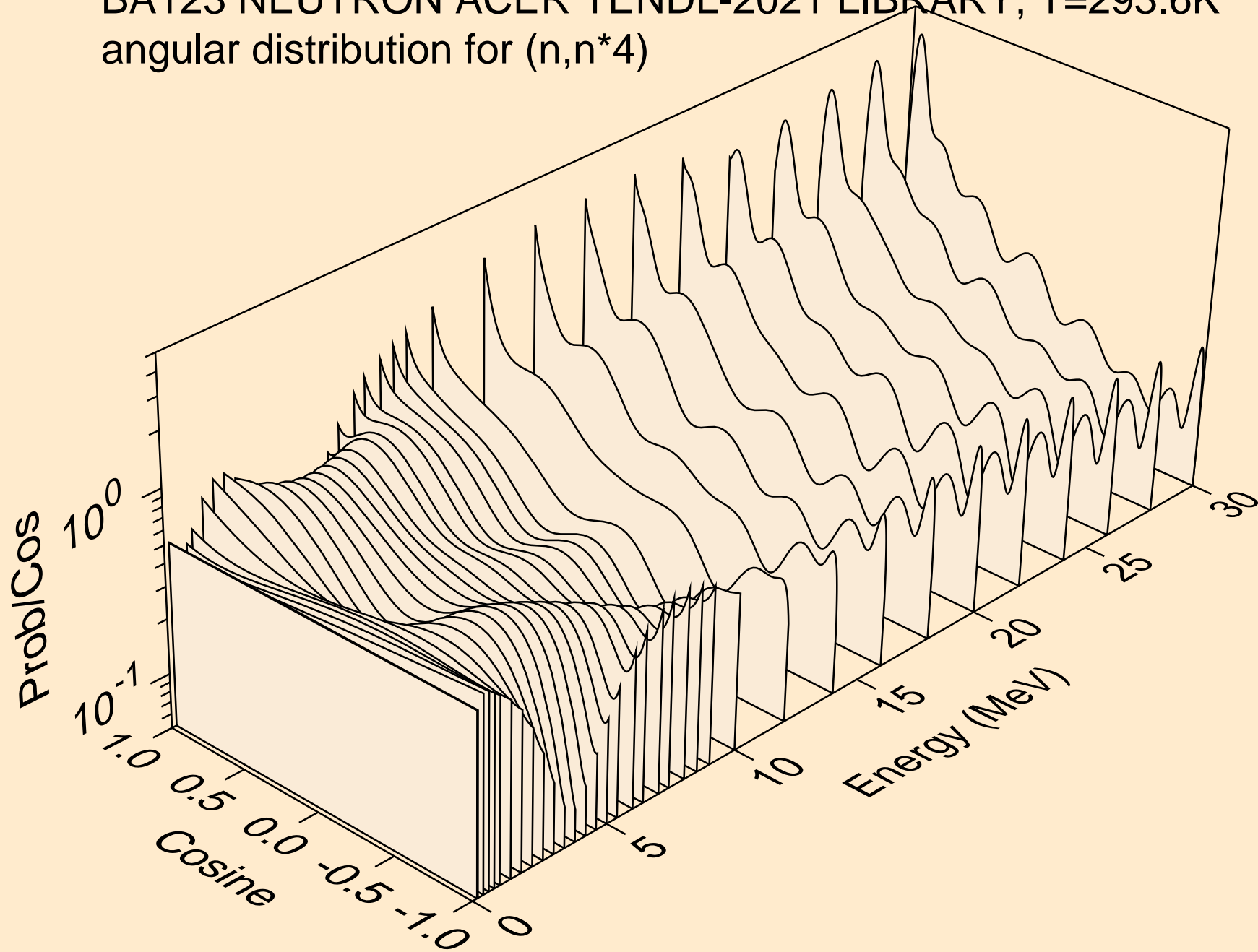




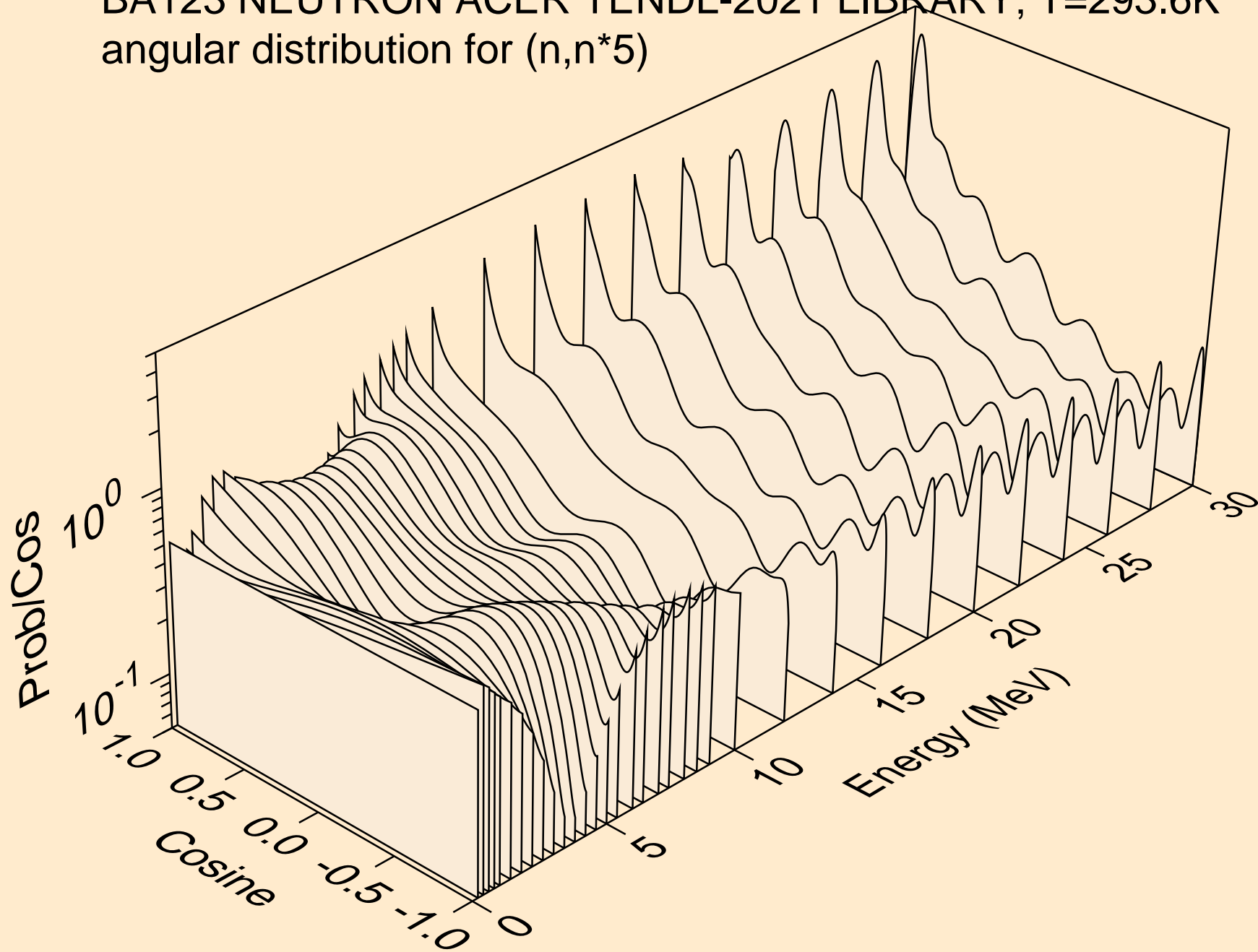
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angular distribution for (n,n\*3)



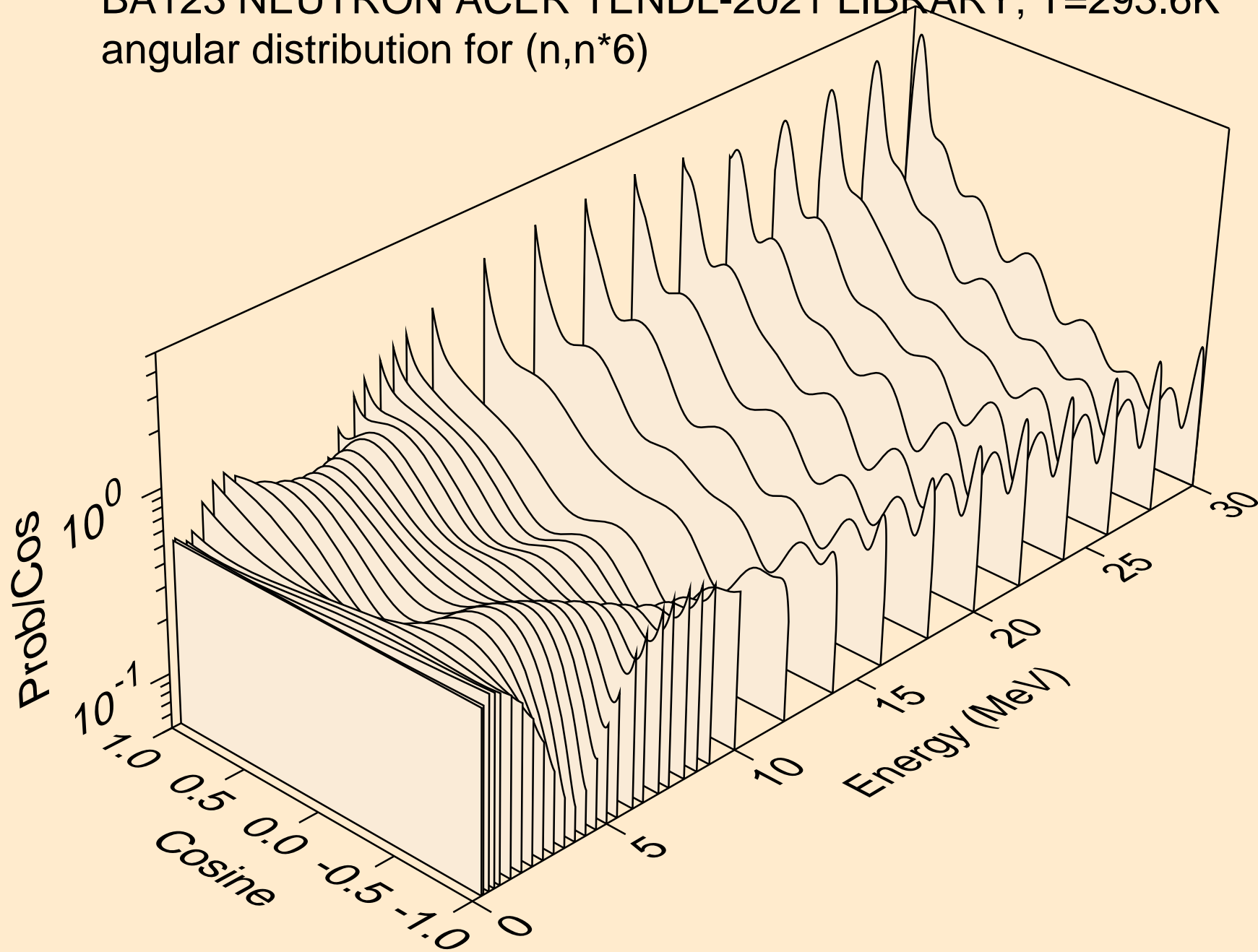
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angular distribution for (n,n\*4)



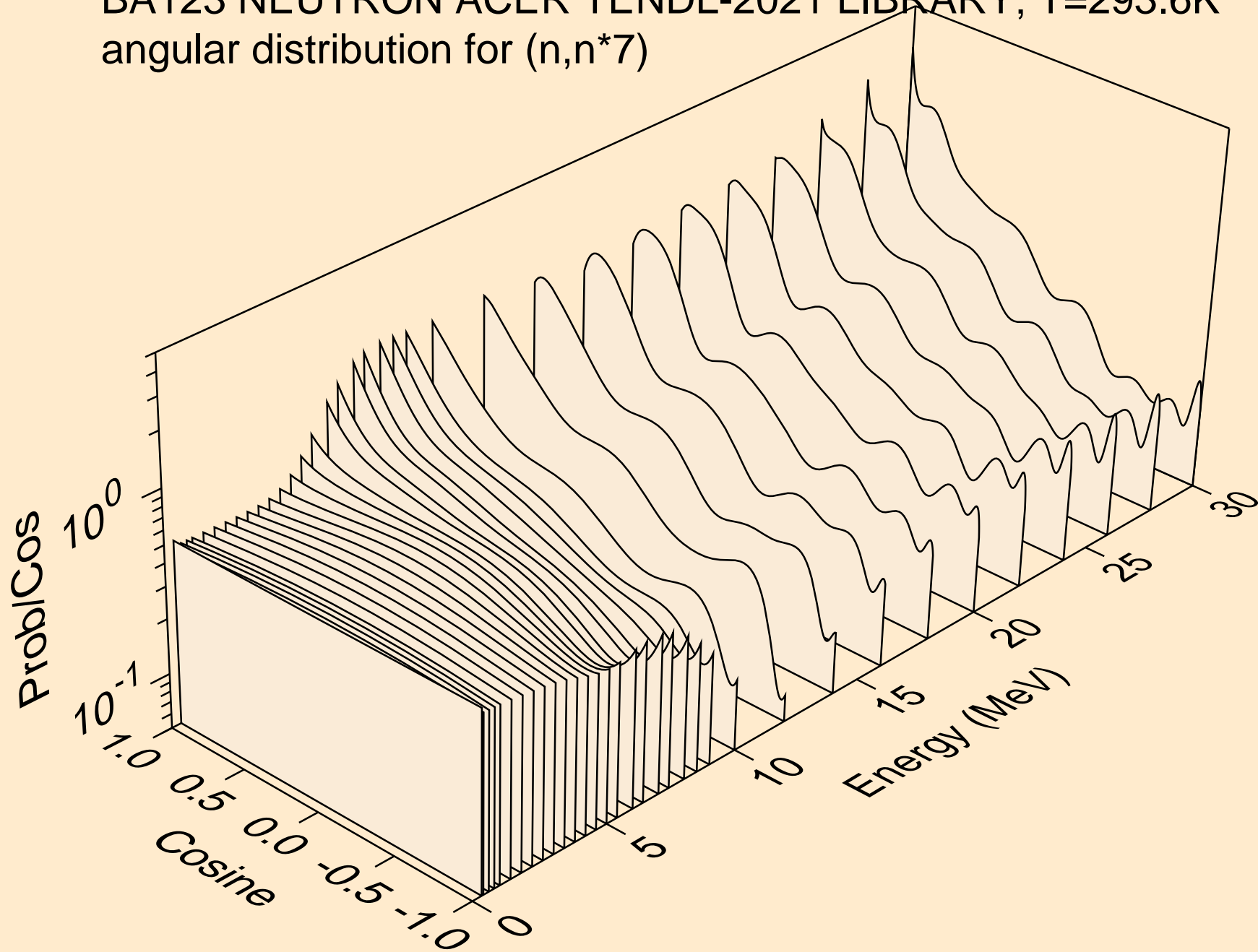
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angular distribution for (n,n\*5)



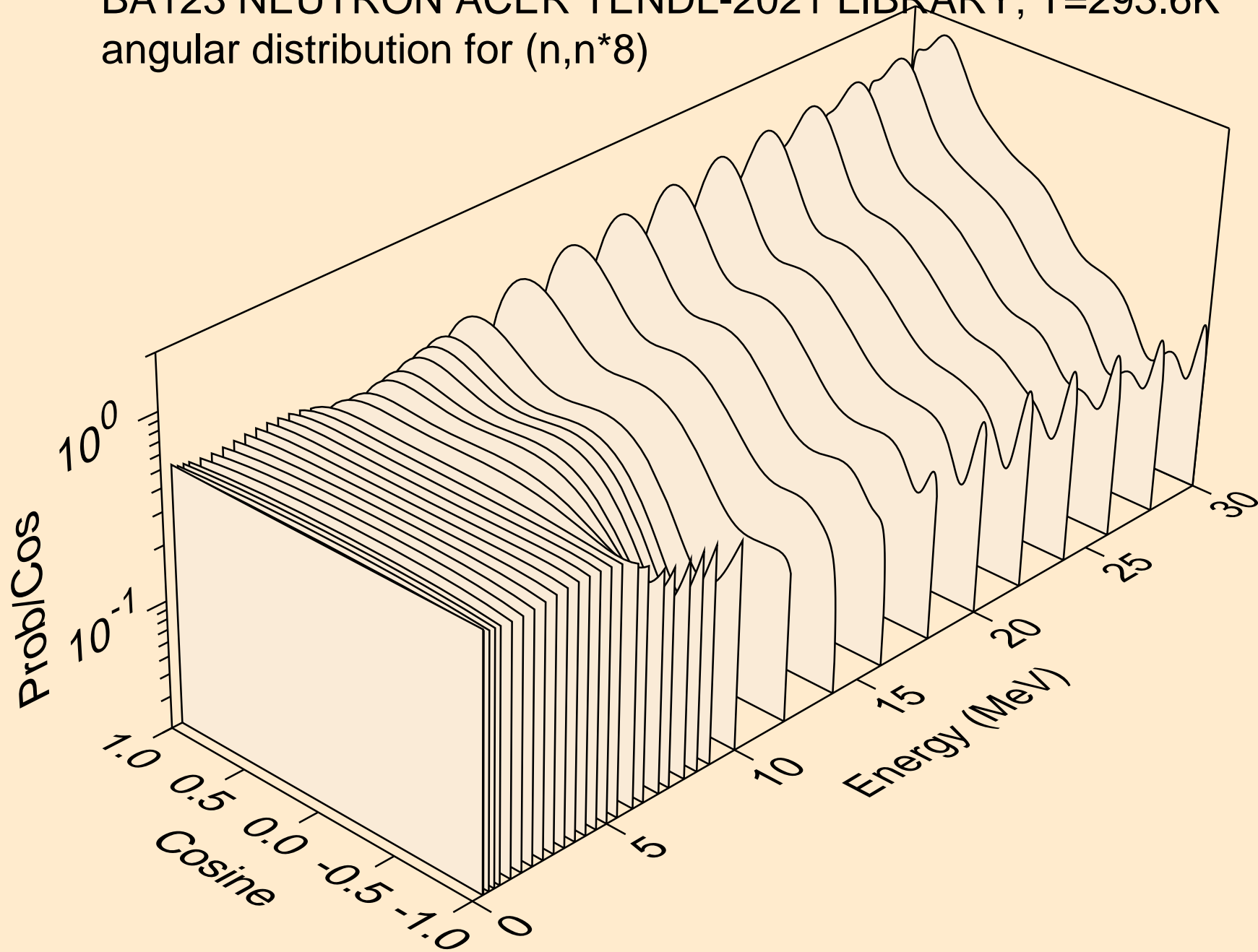
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angular distribution for (n,n\*6)



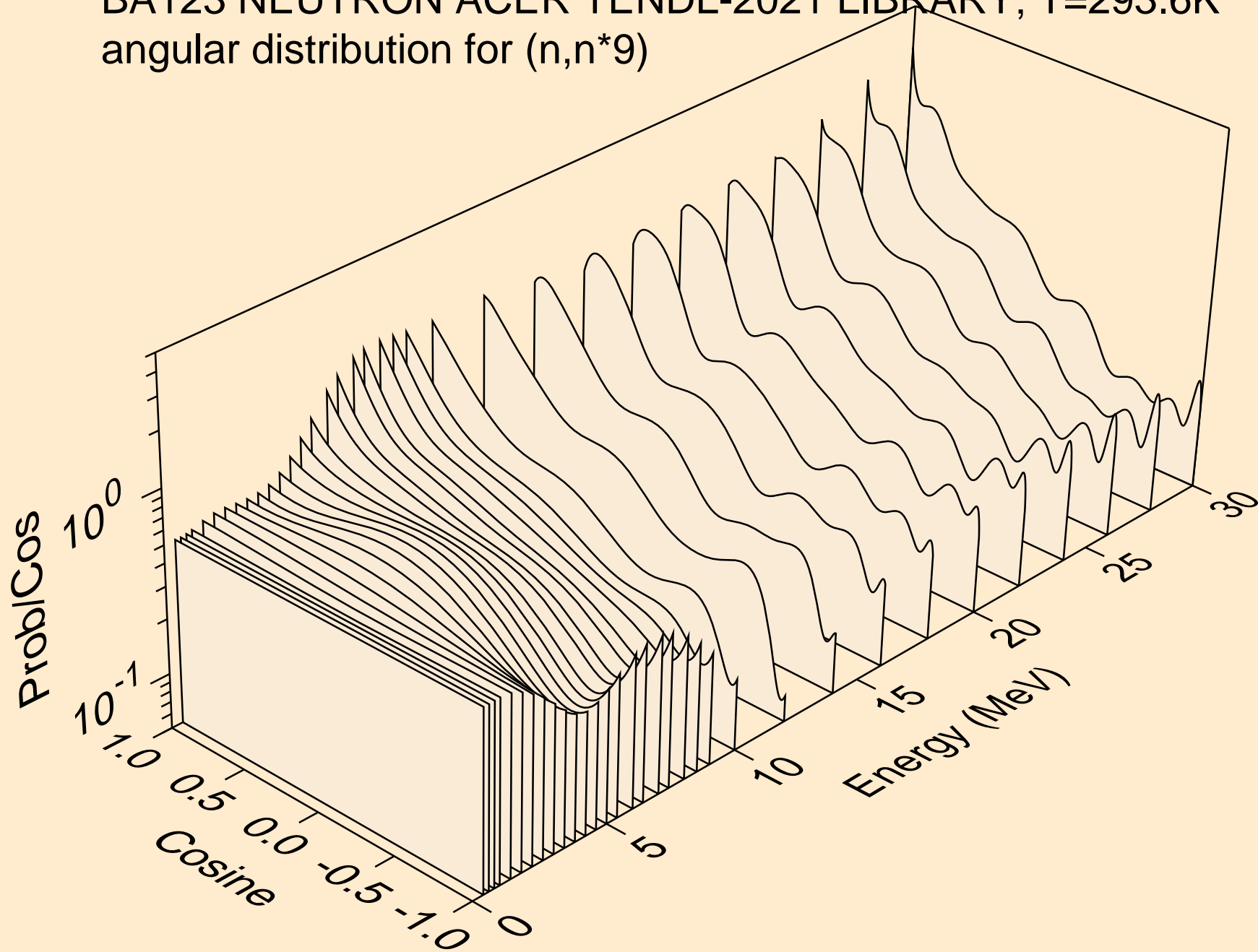
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

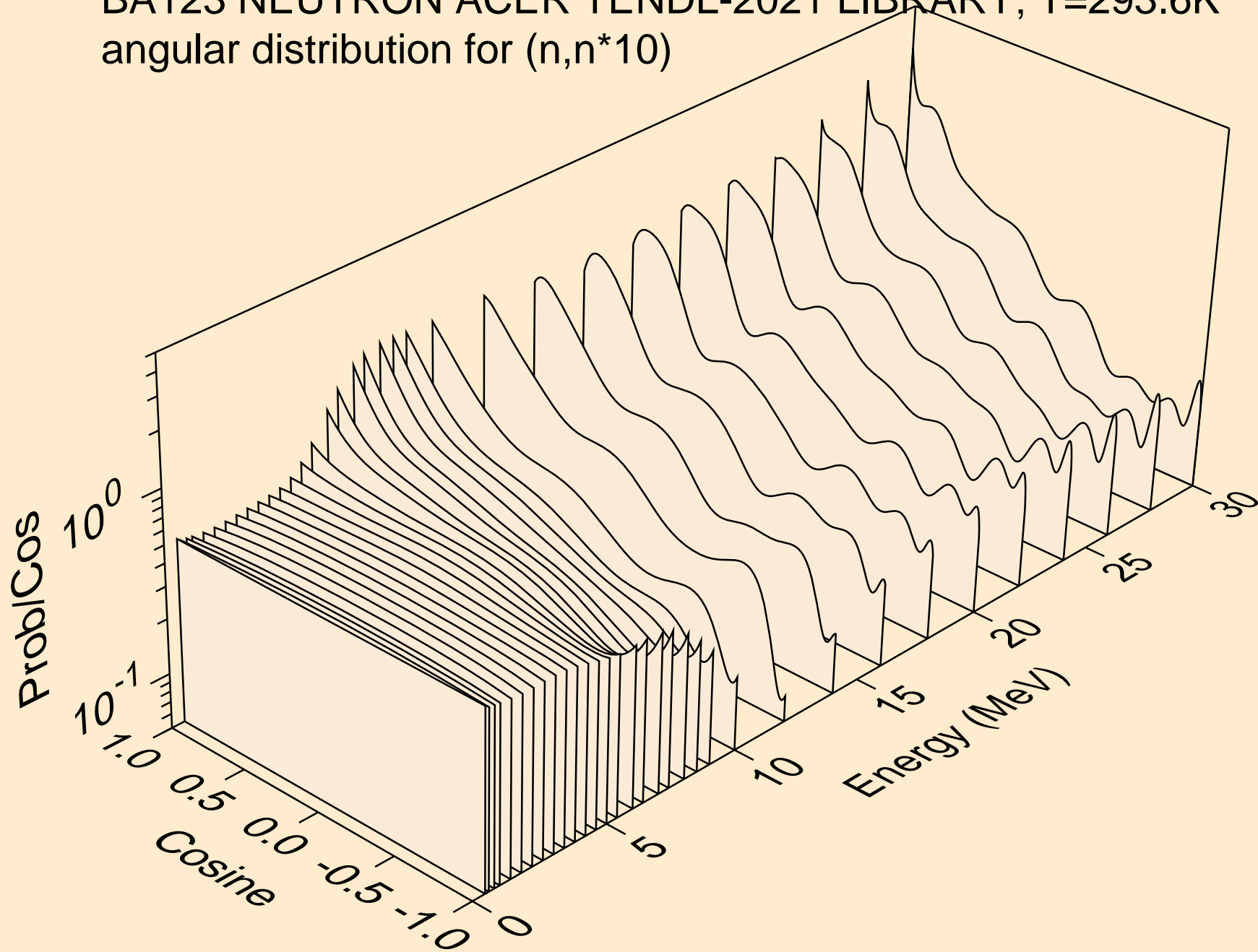


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angular distribution for (n,n\*9)



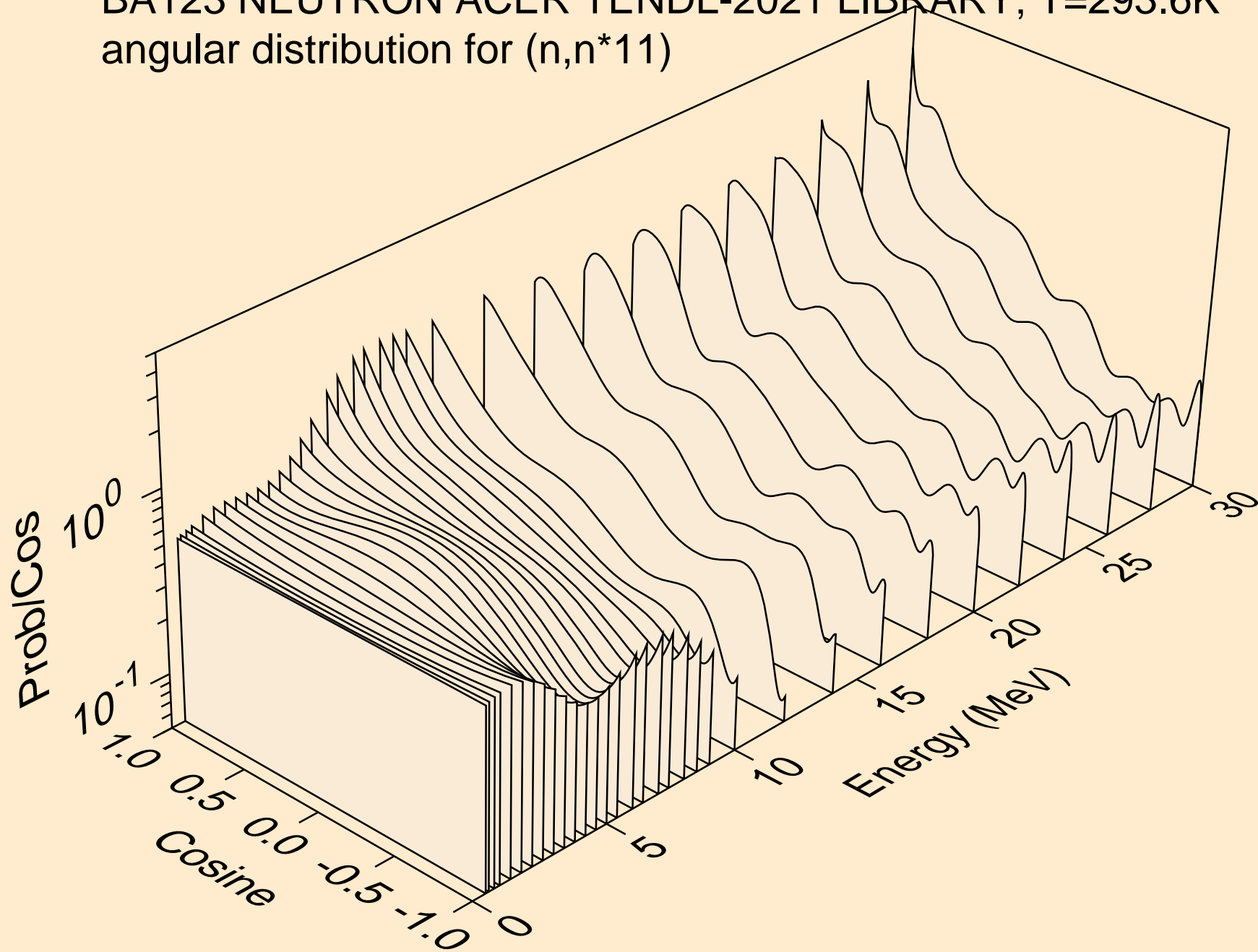


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angular distribution for (n,n\*10)

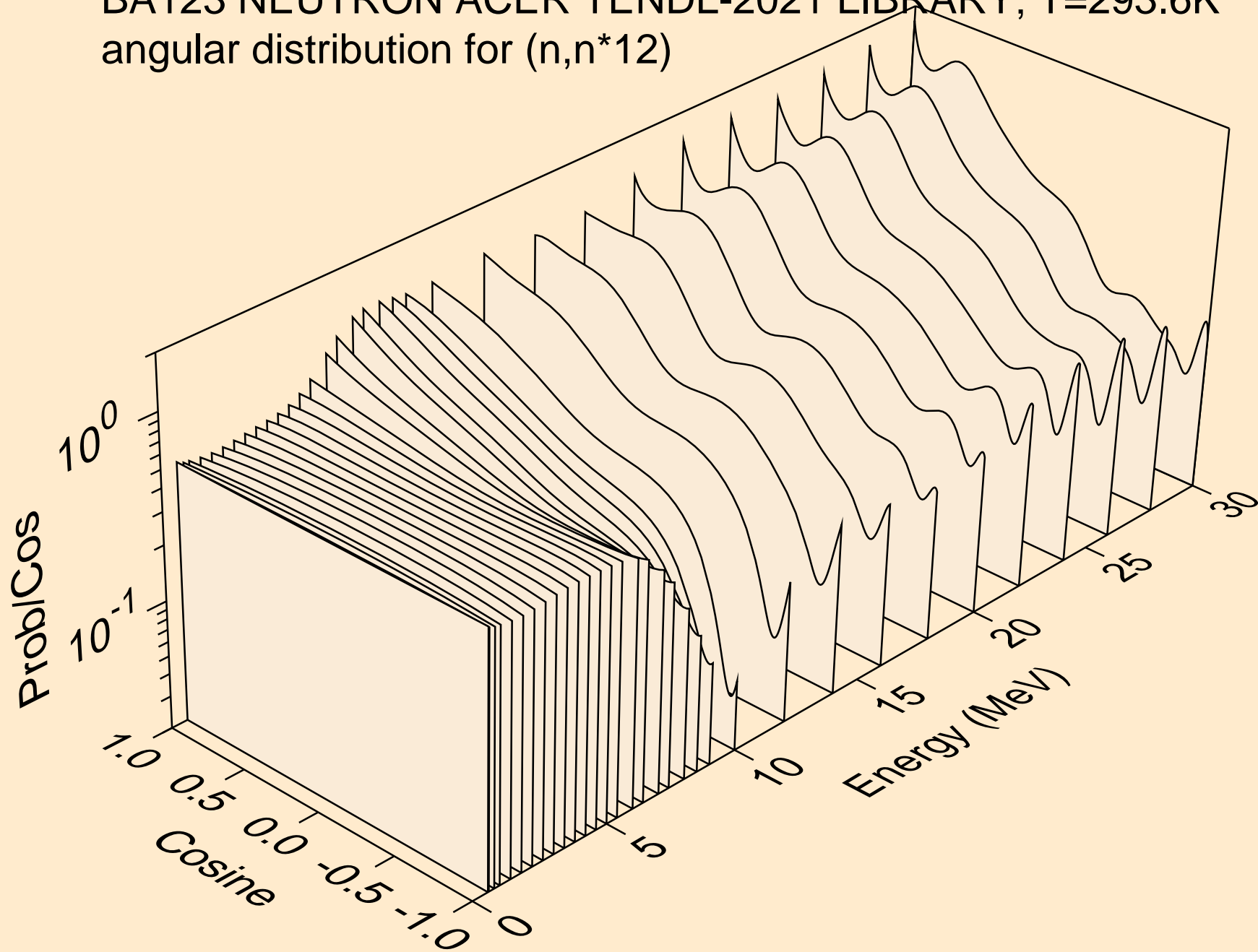




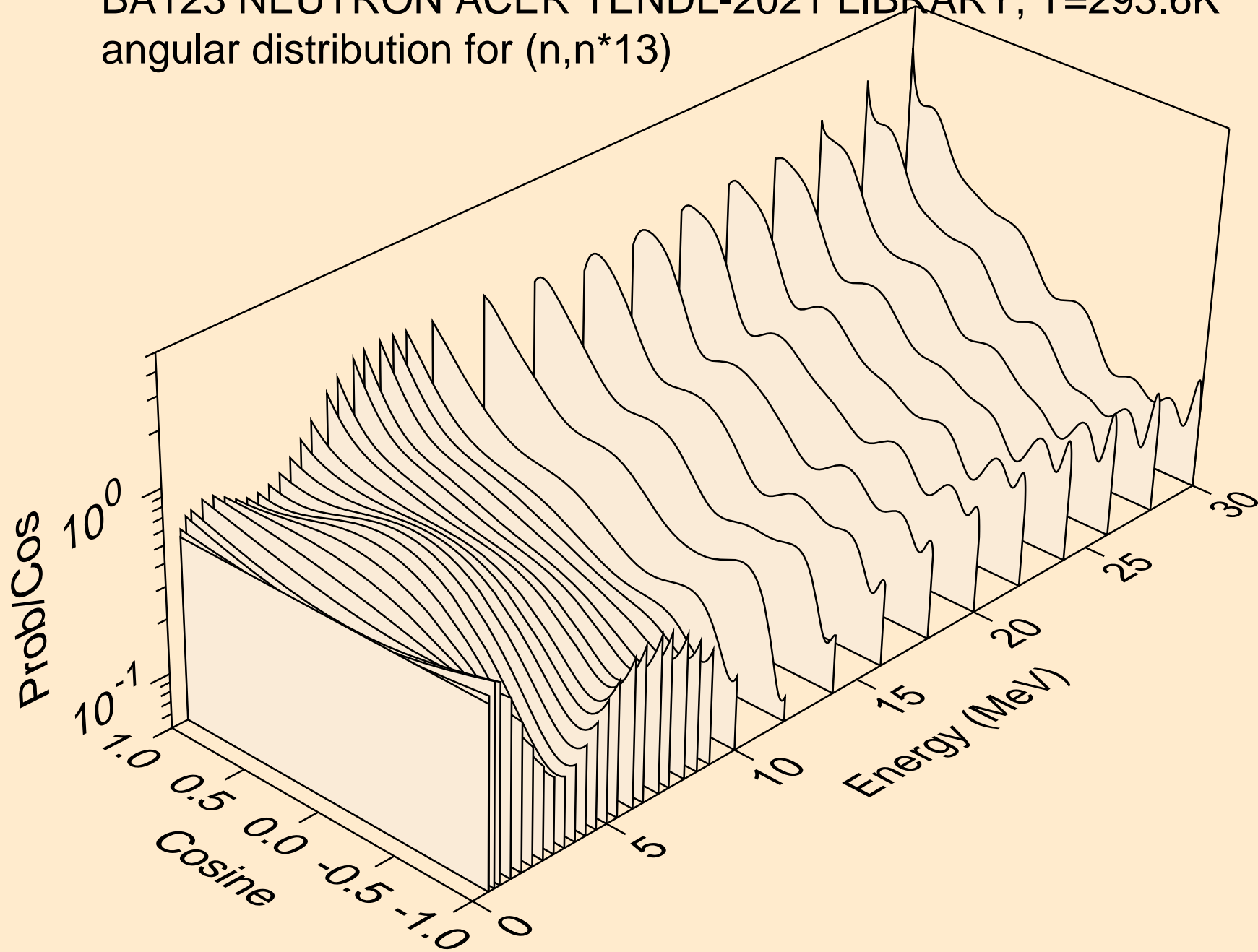
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angular distribution for (n,n\*11)



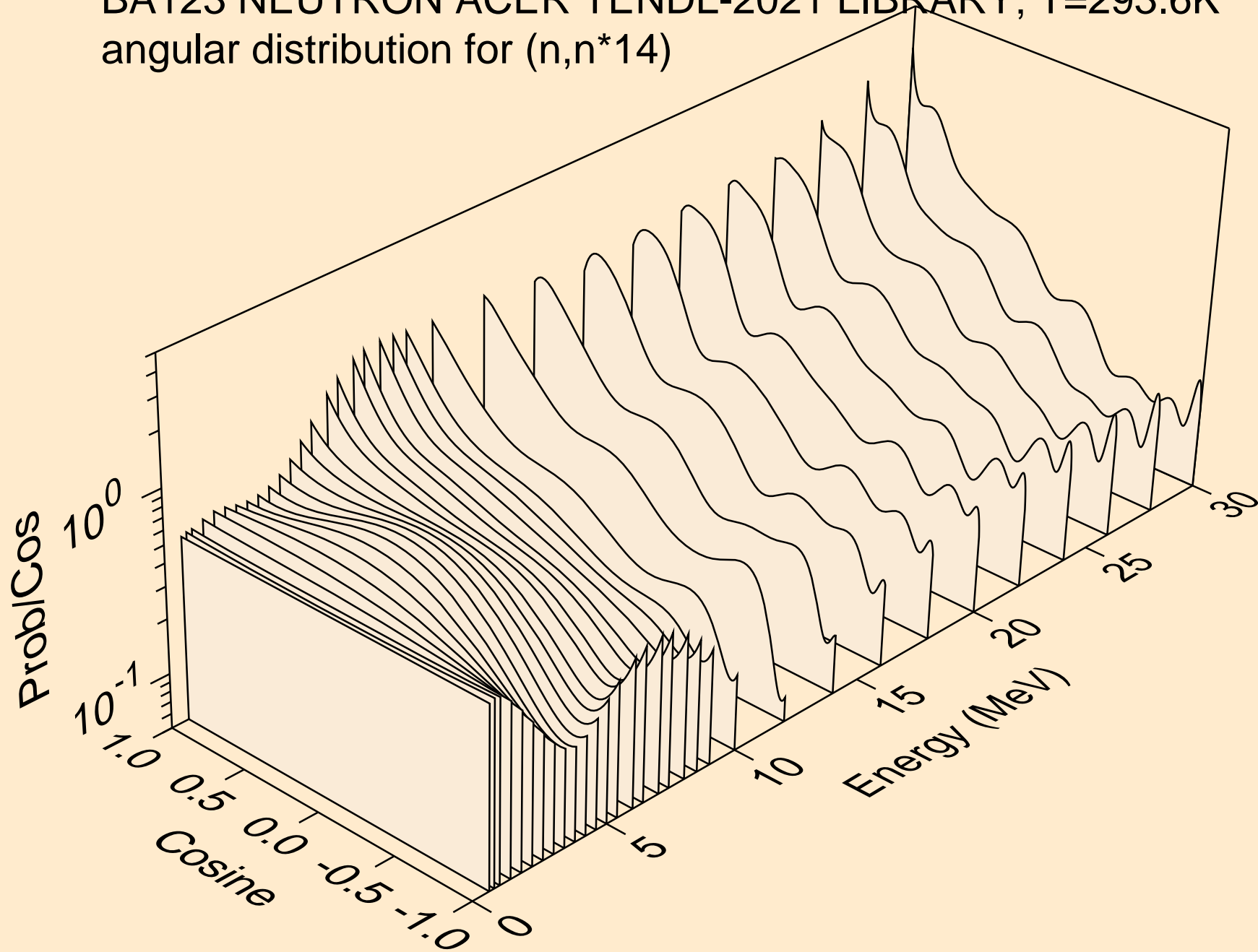
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angular distribution for (n,n\*12)



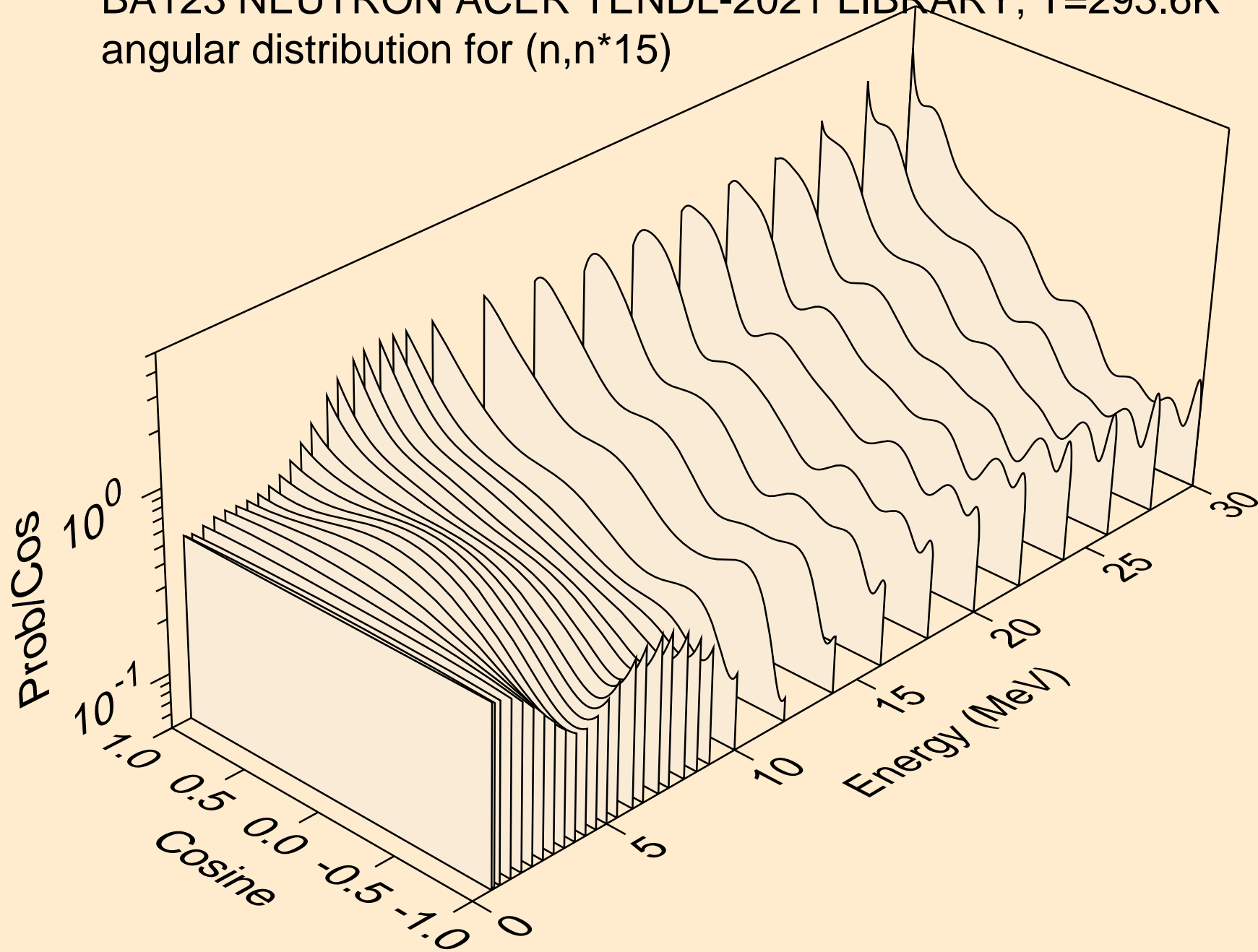
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angular distribution for (n,n\*13)



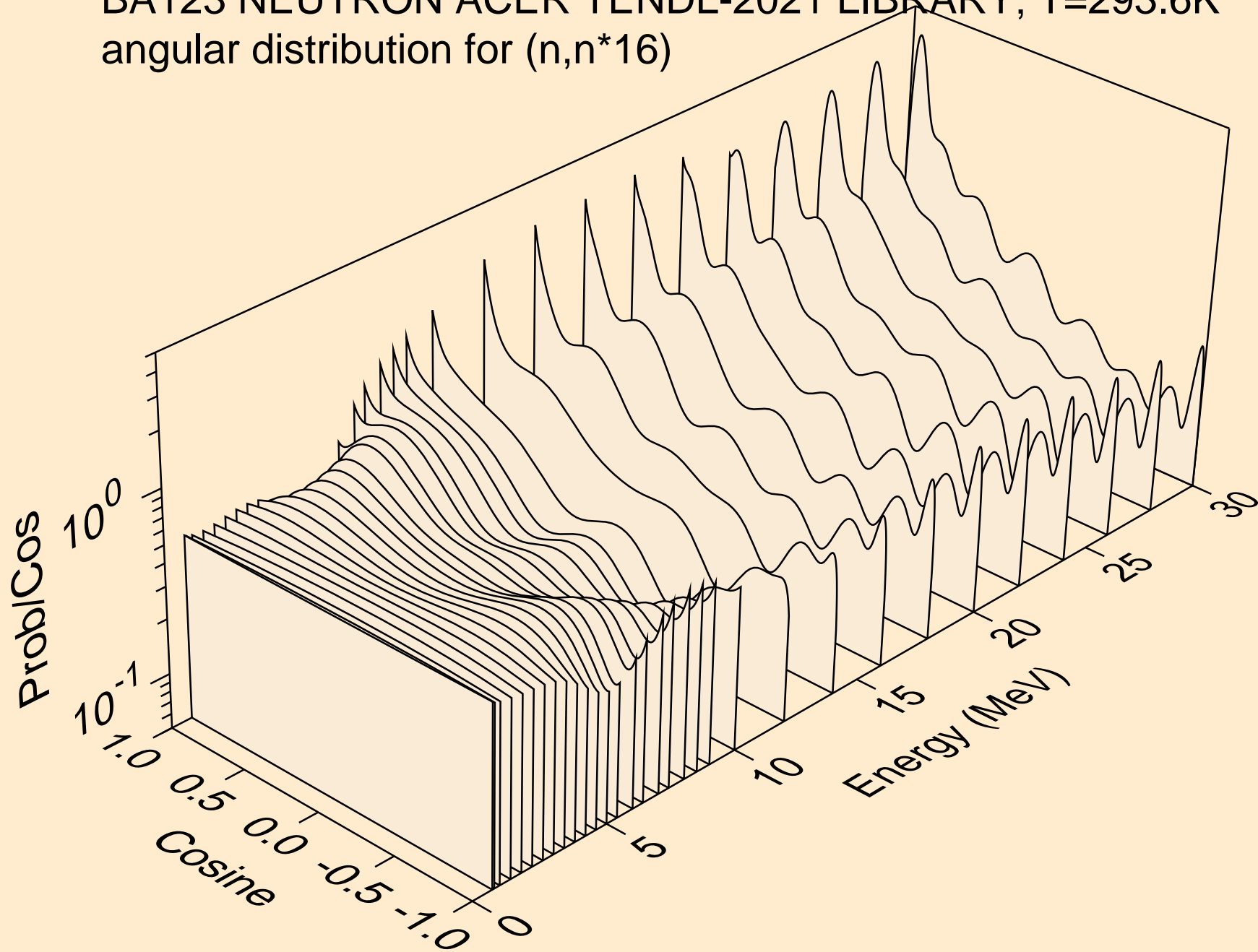
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angular distribution for (n,n\*14)



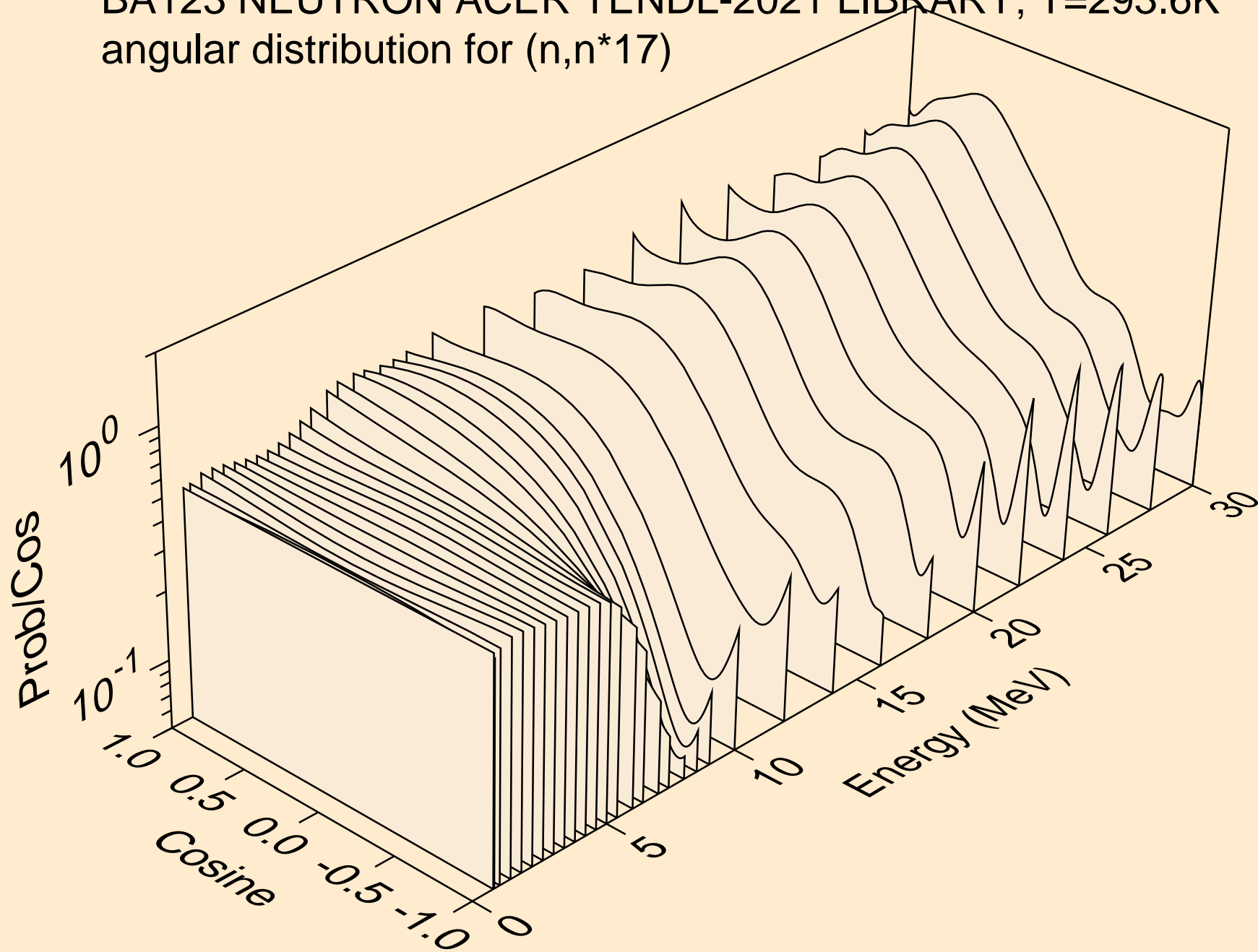
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angular distribution for (n,n\*15)



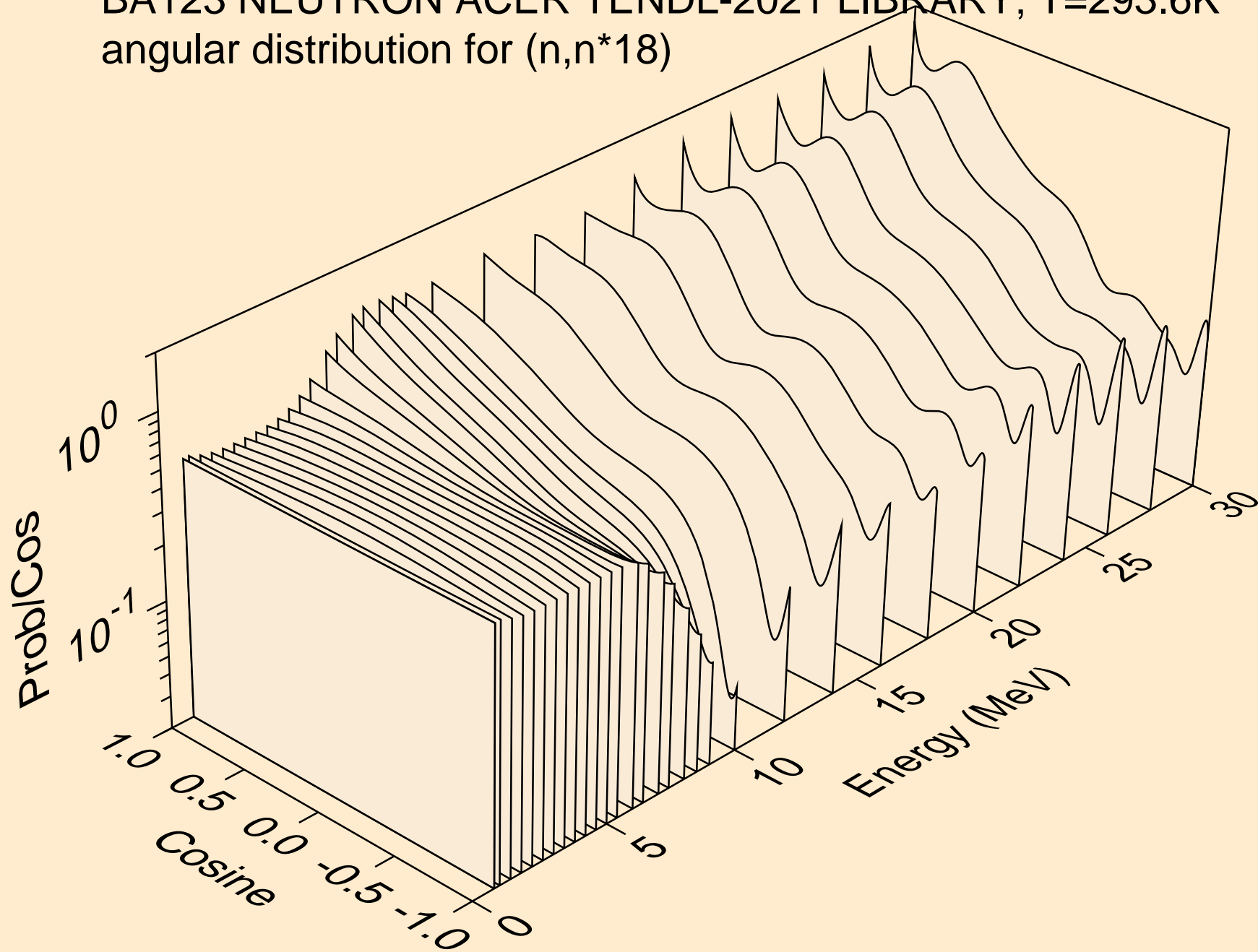
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

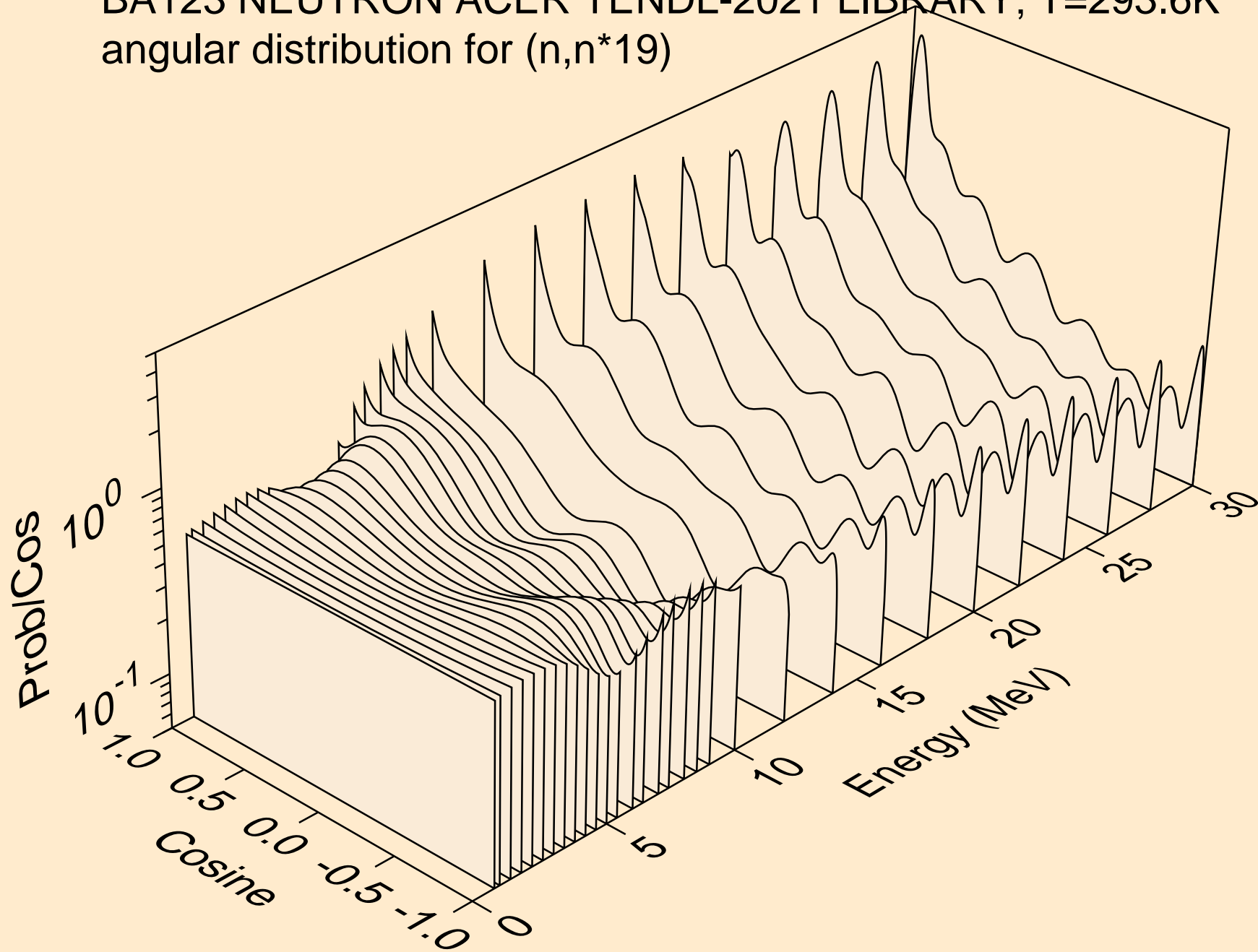


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

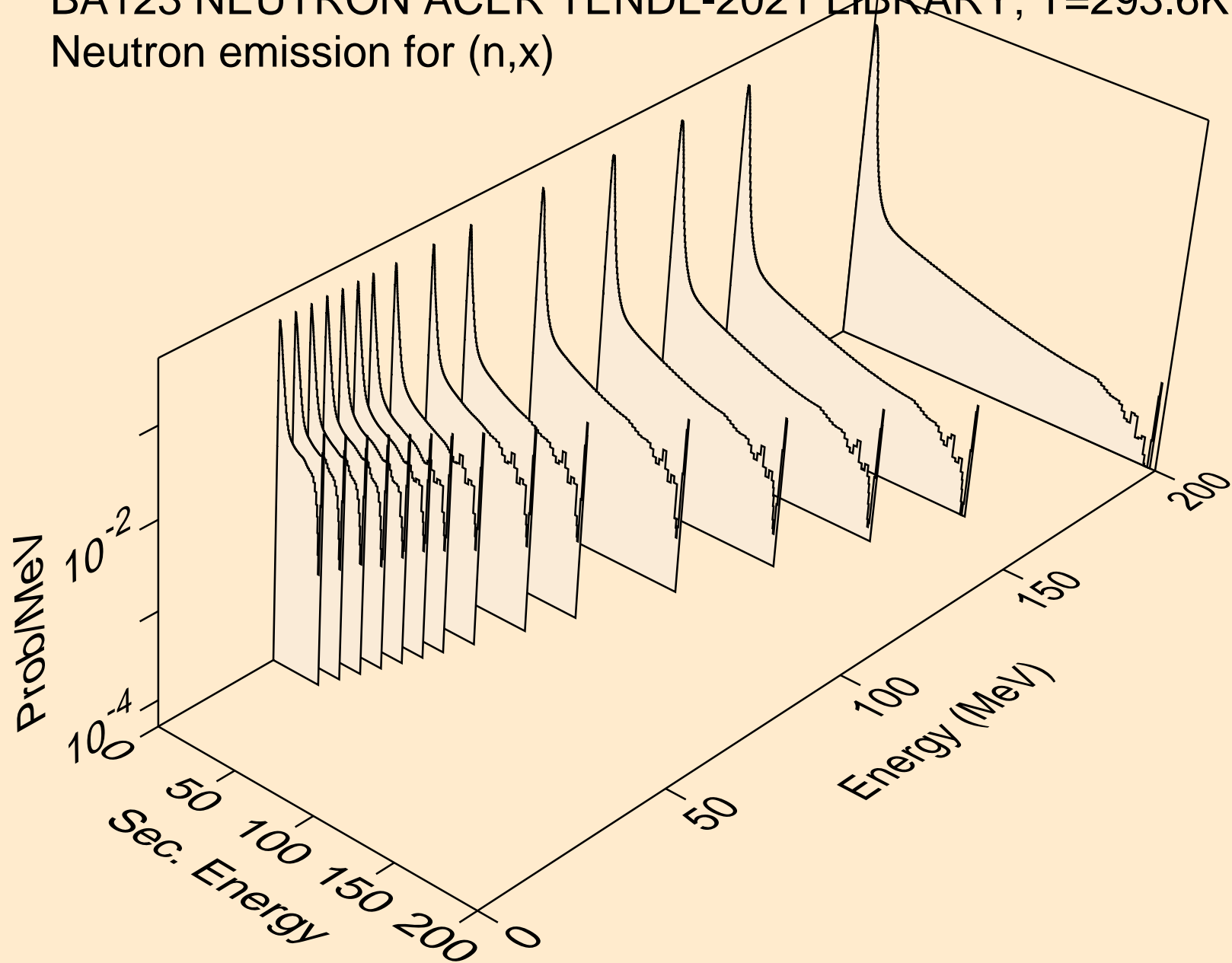




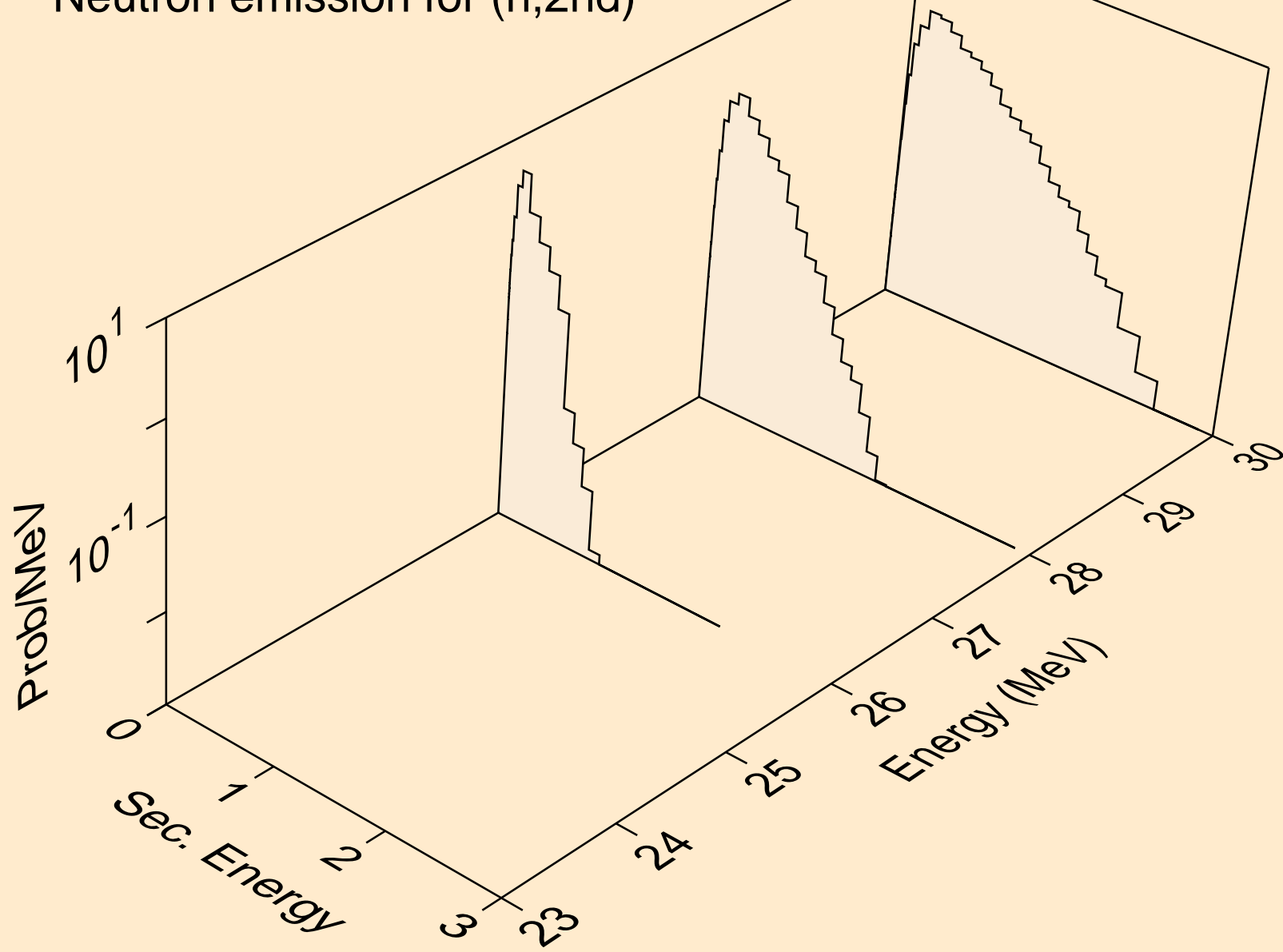
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angular distribution for (n,n\*19)



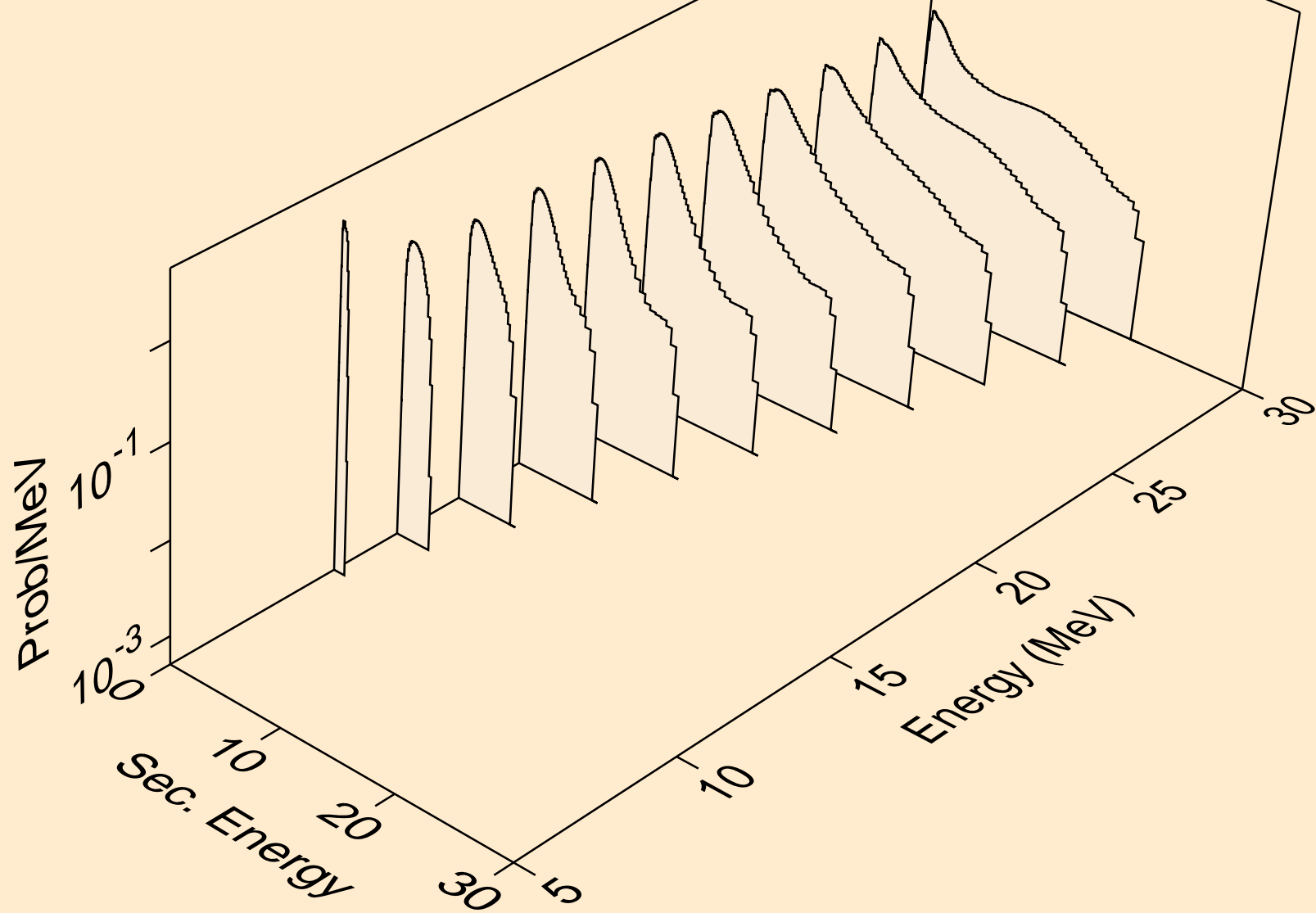
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



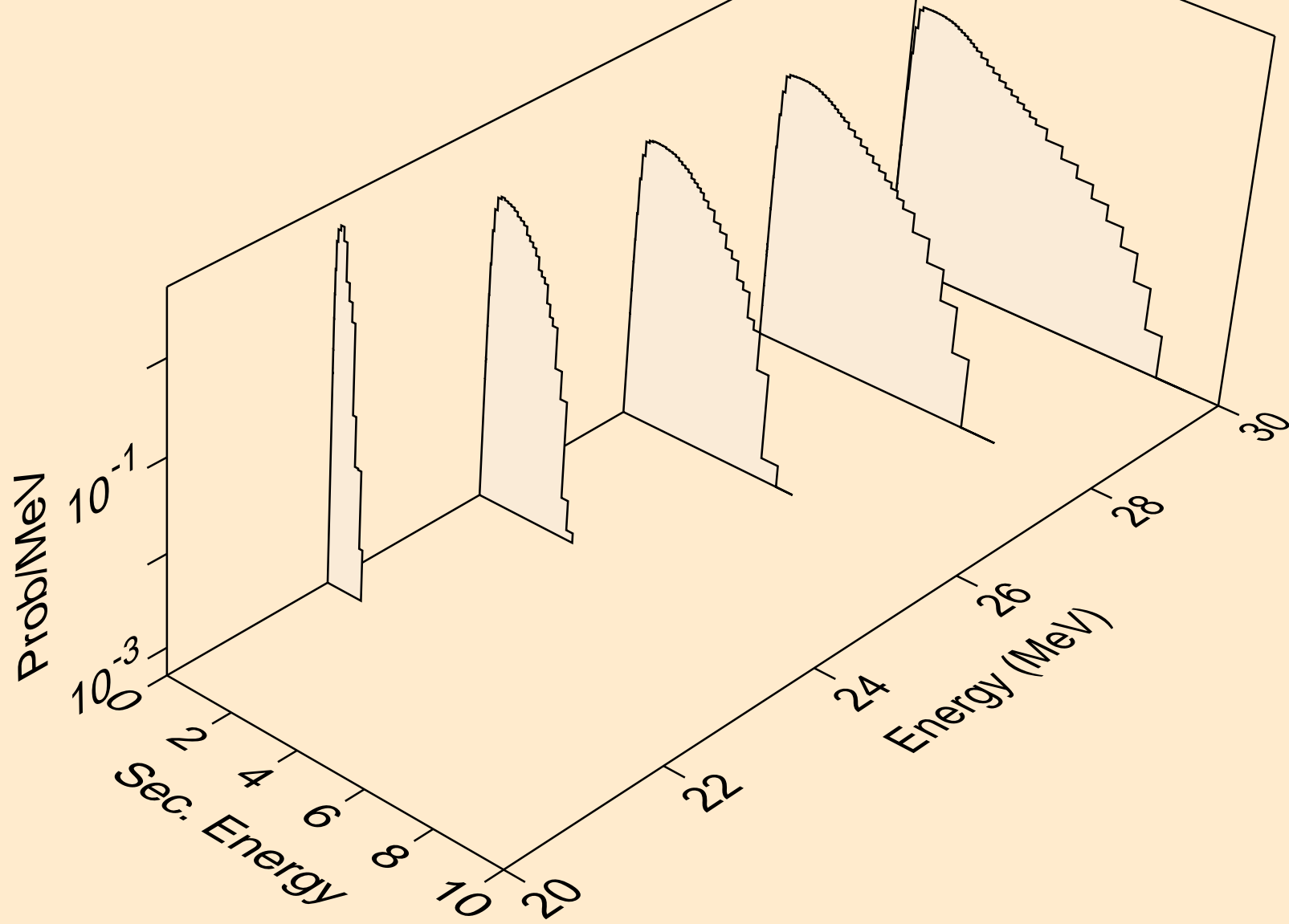
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



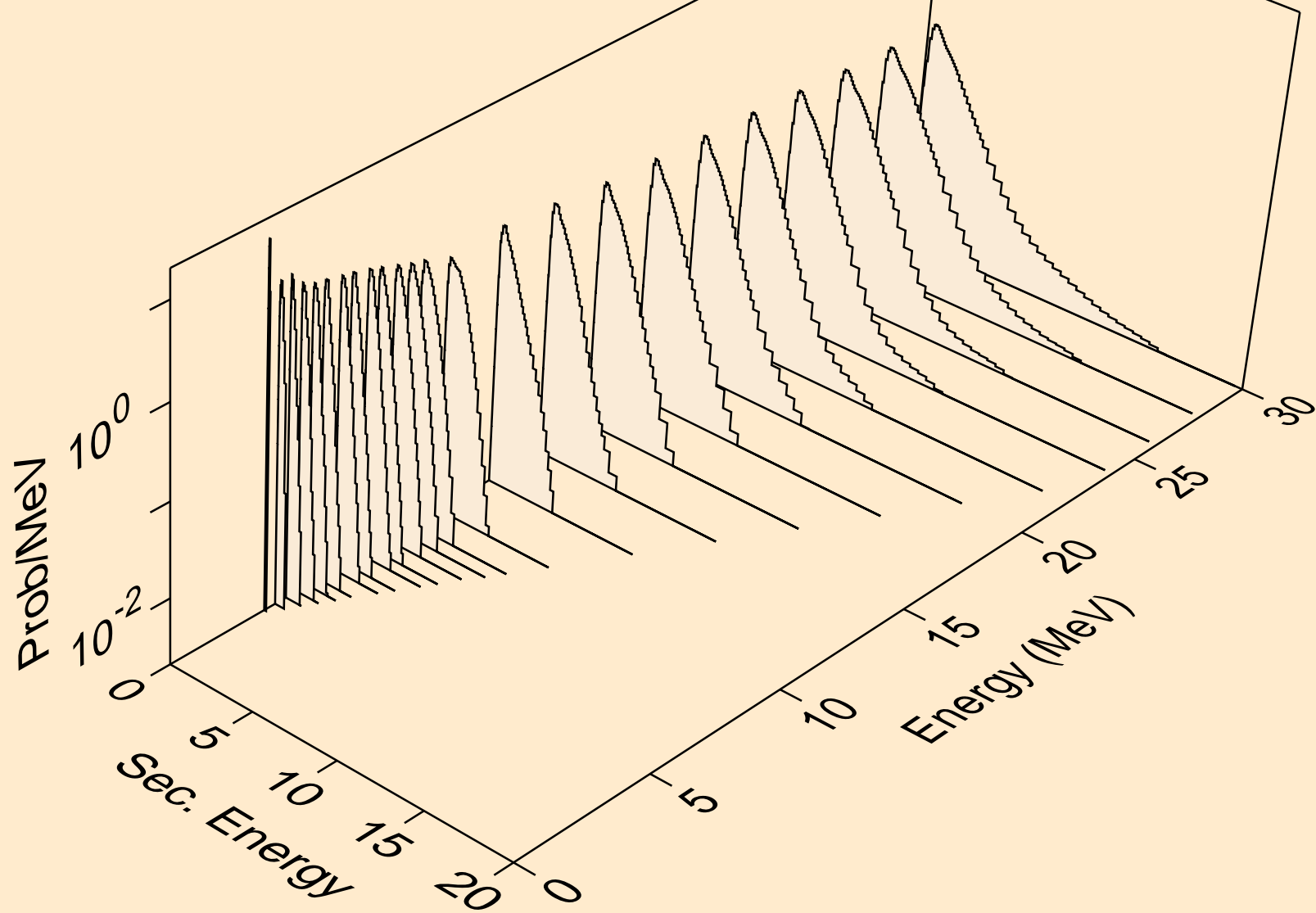
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



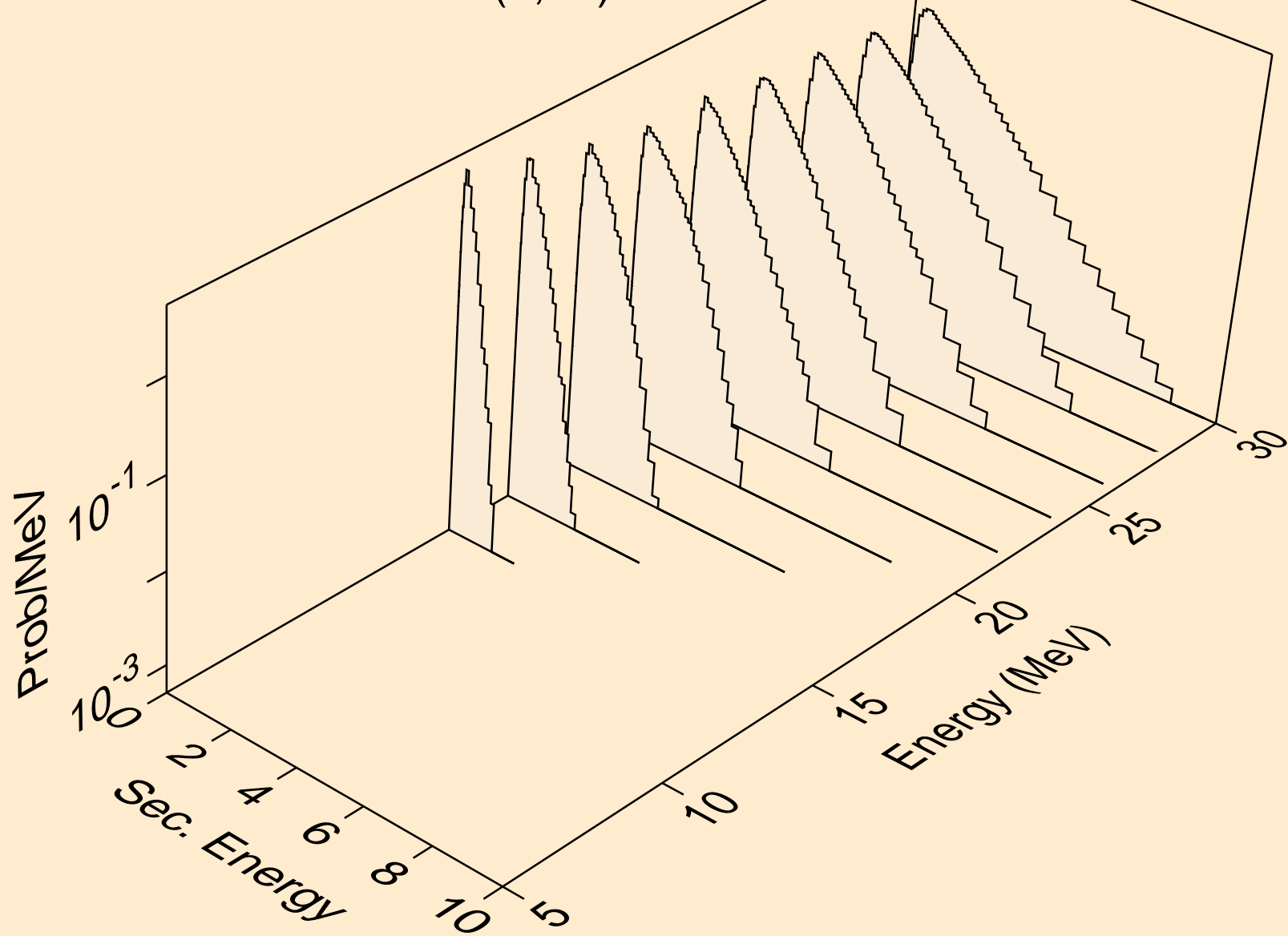
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



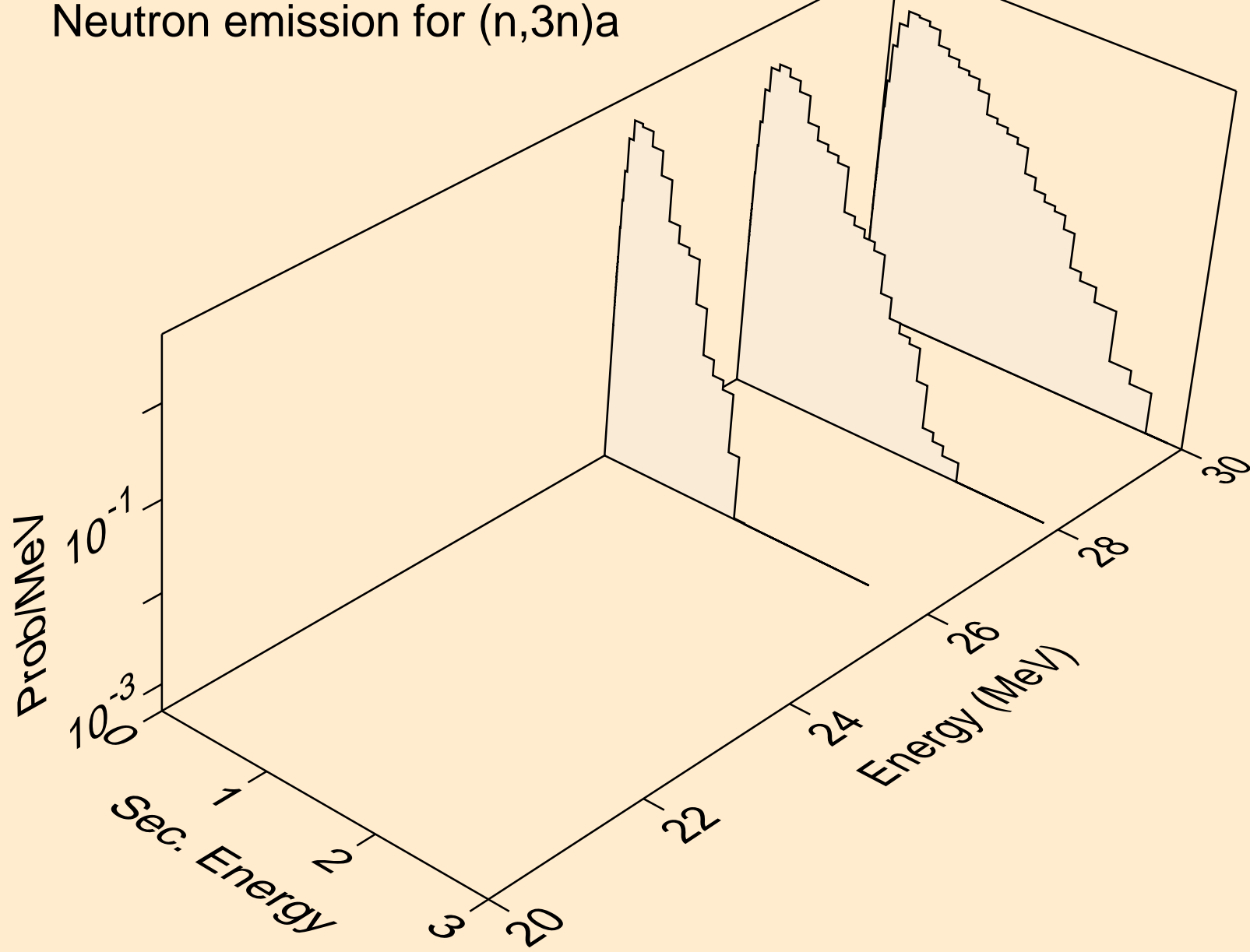
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a

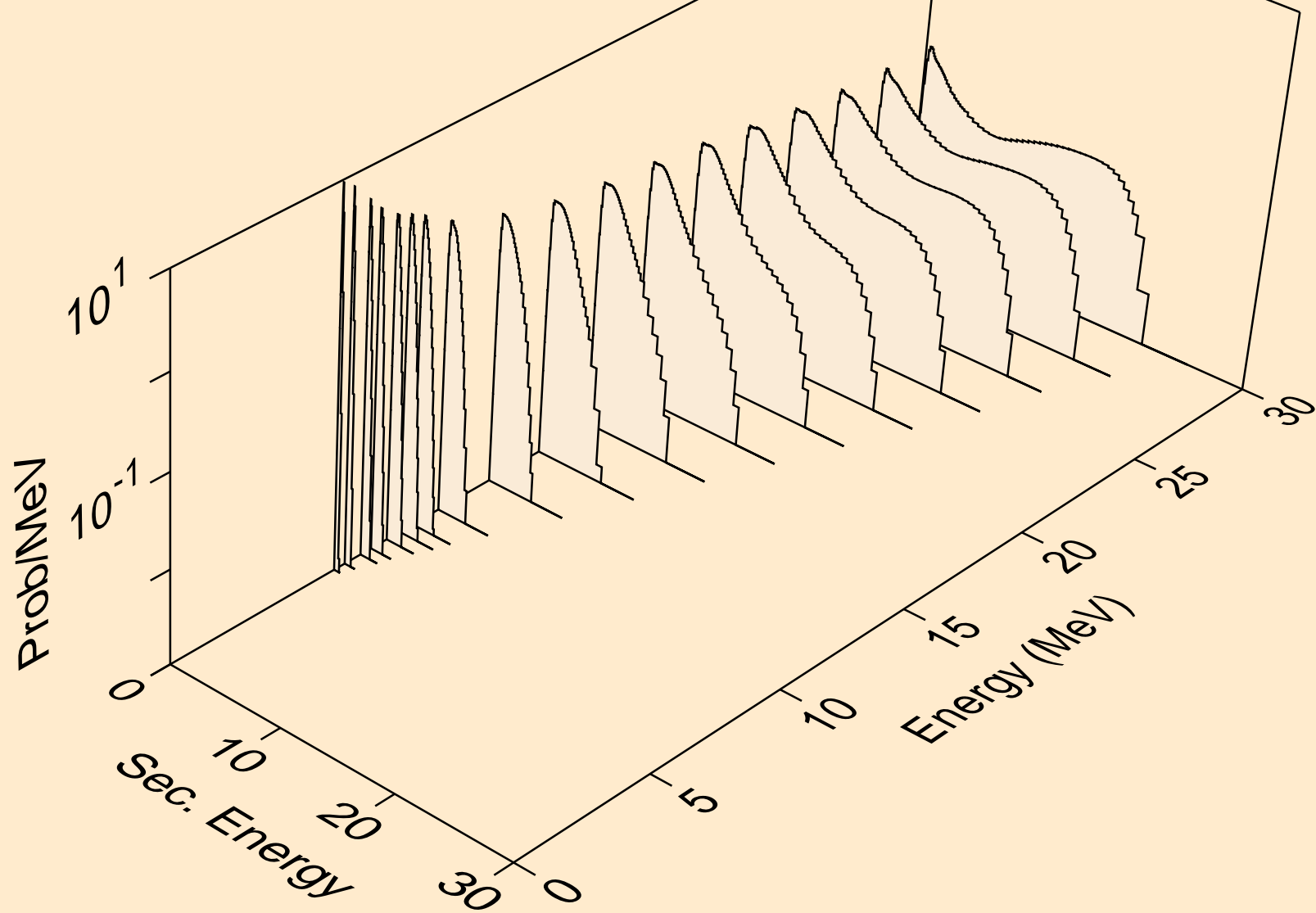


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a

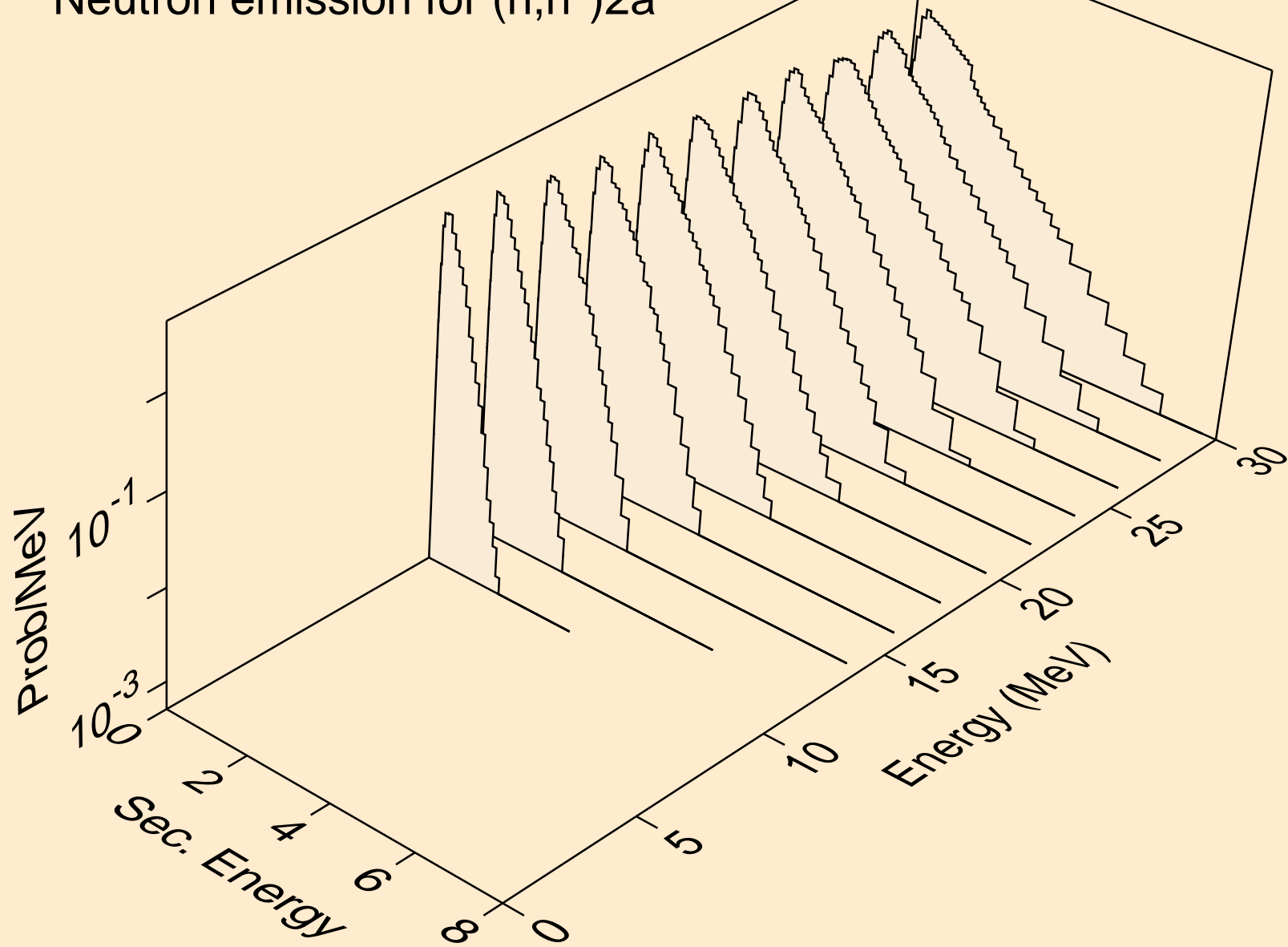




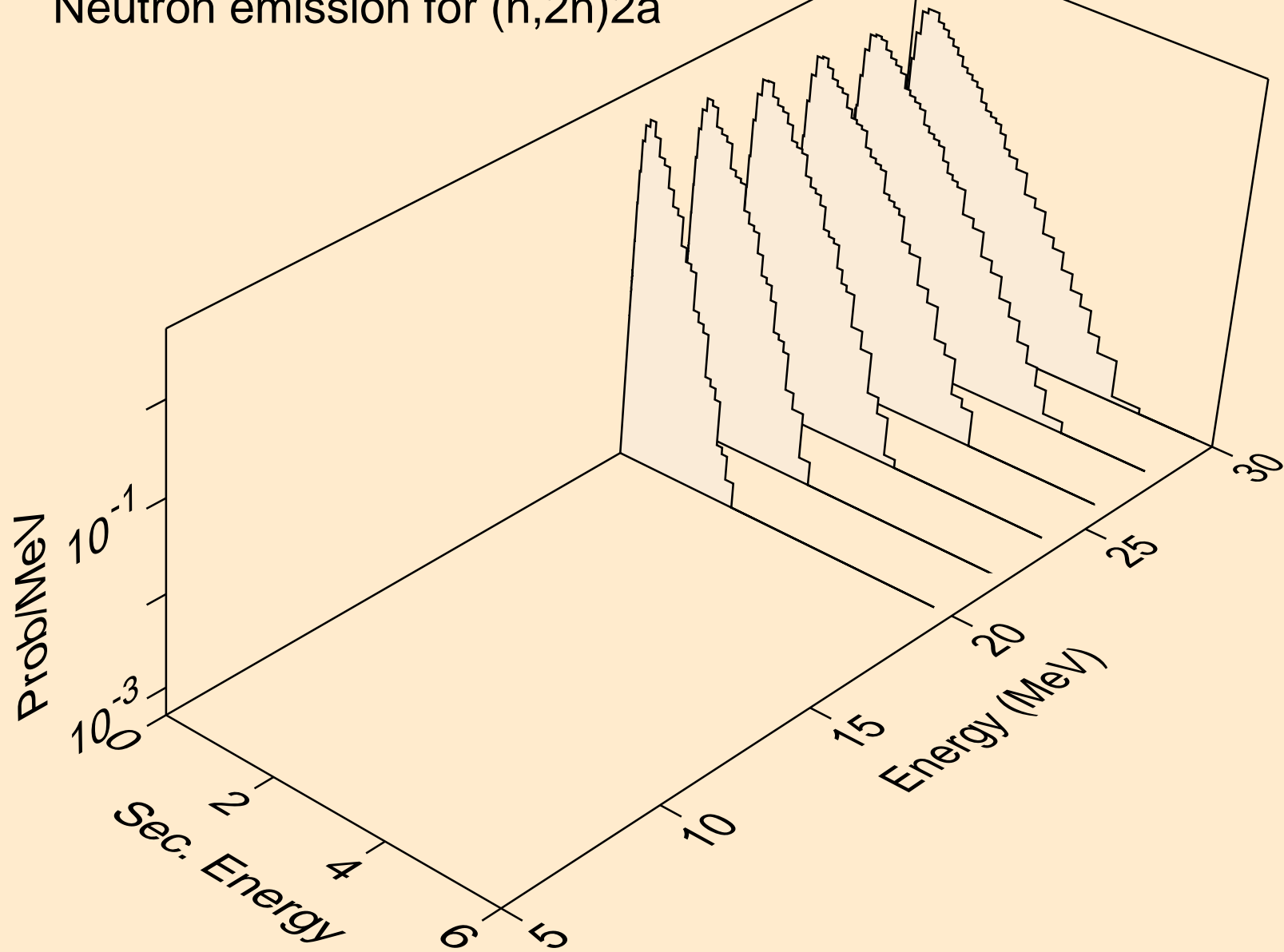
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Neutron emission for (n,n\*)p



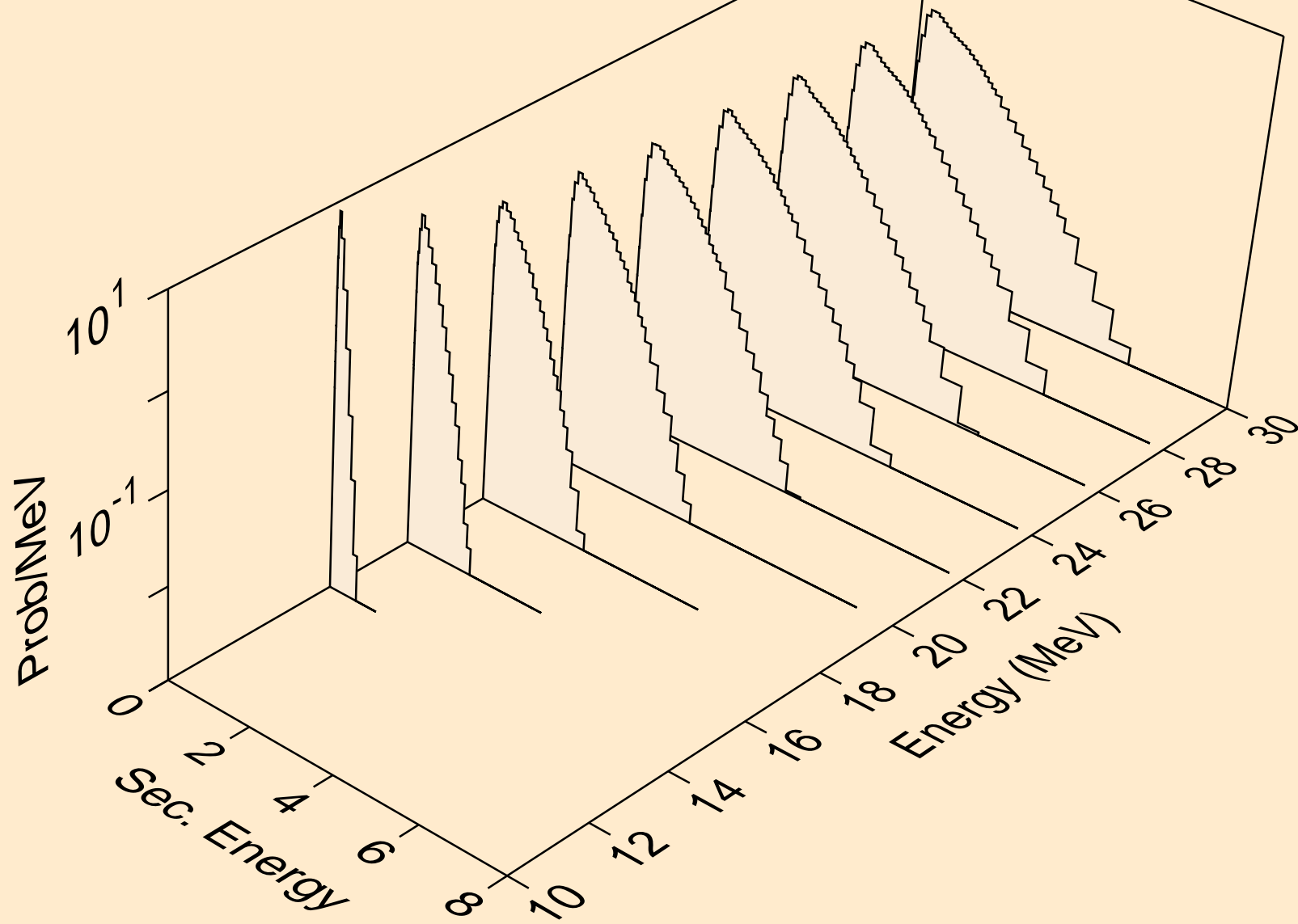
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



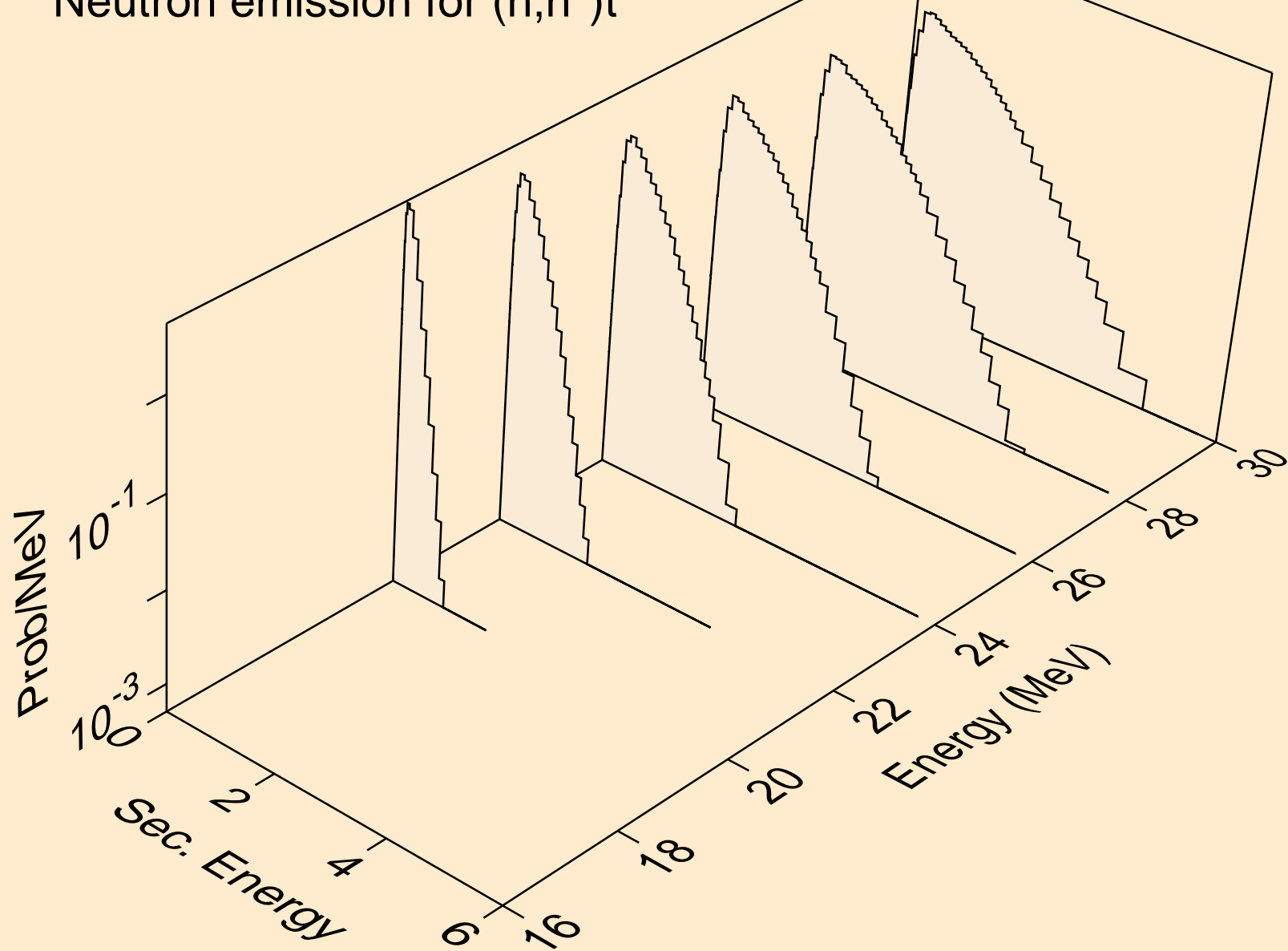
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



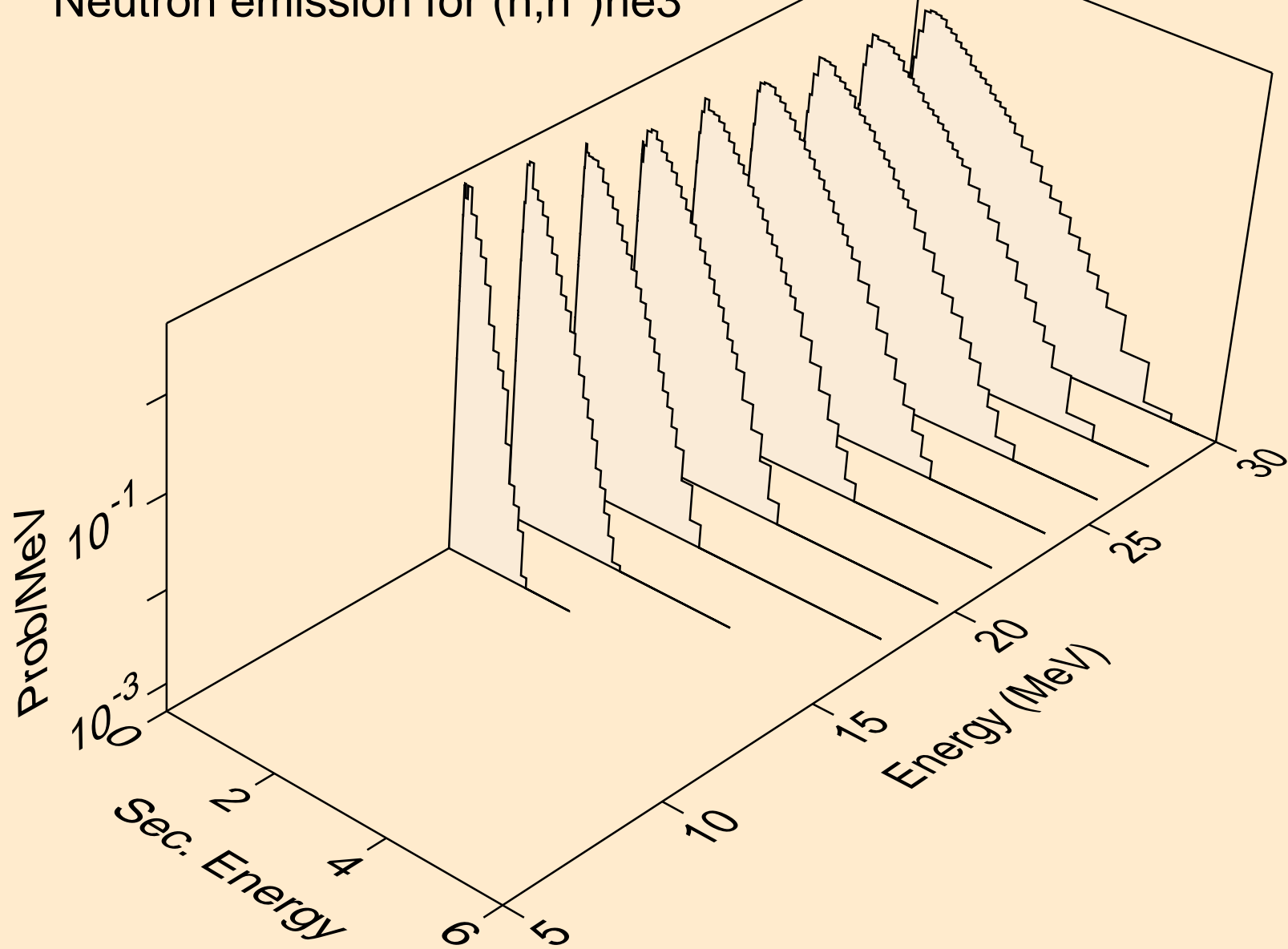
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



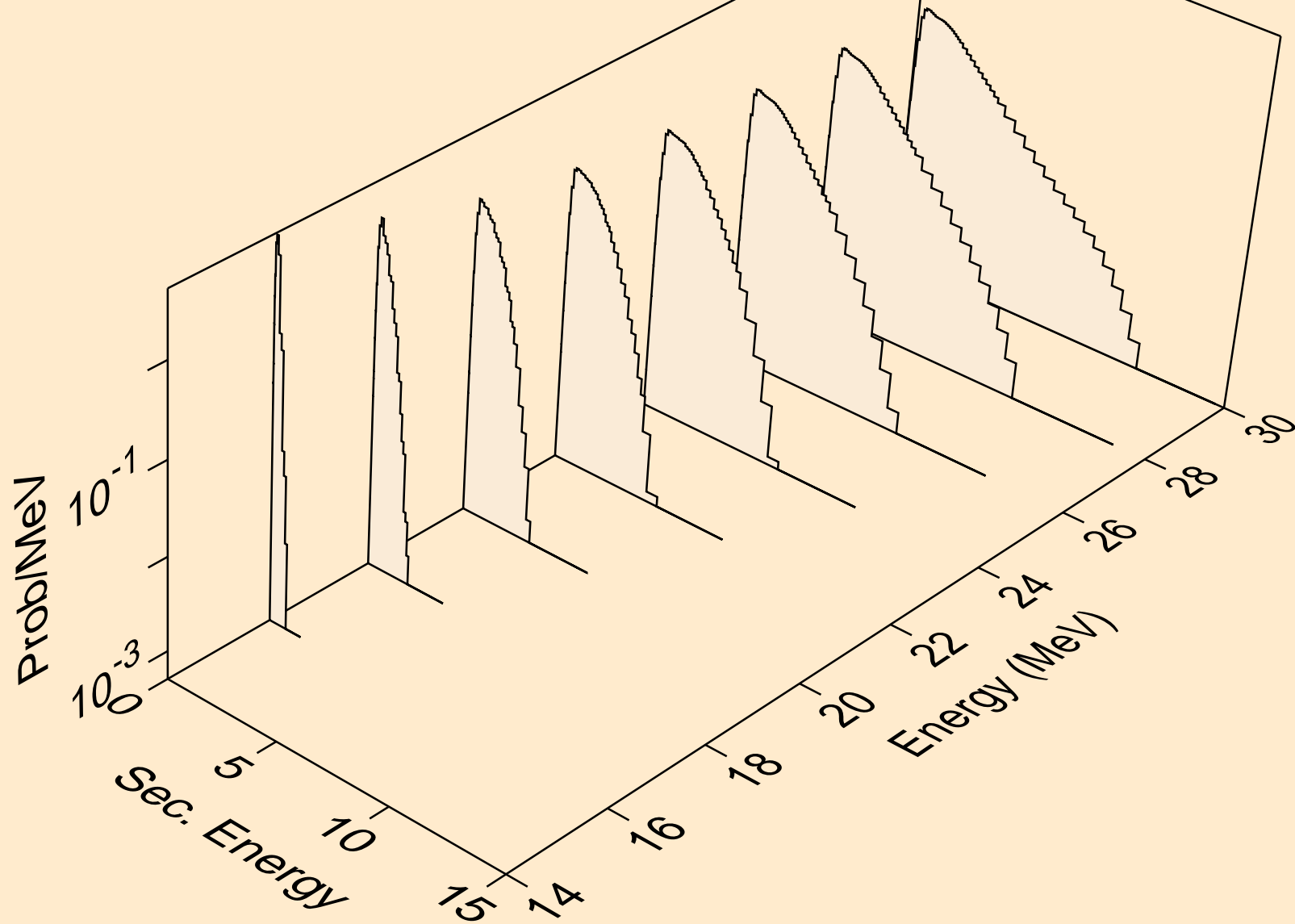
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



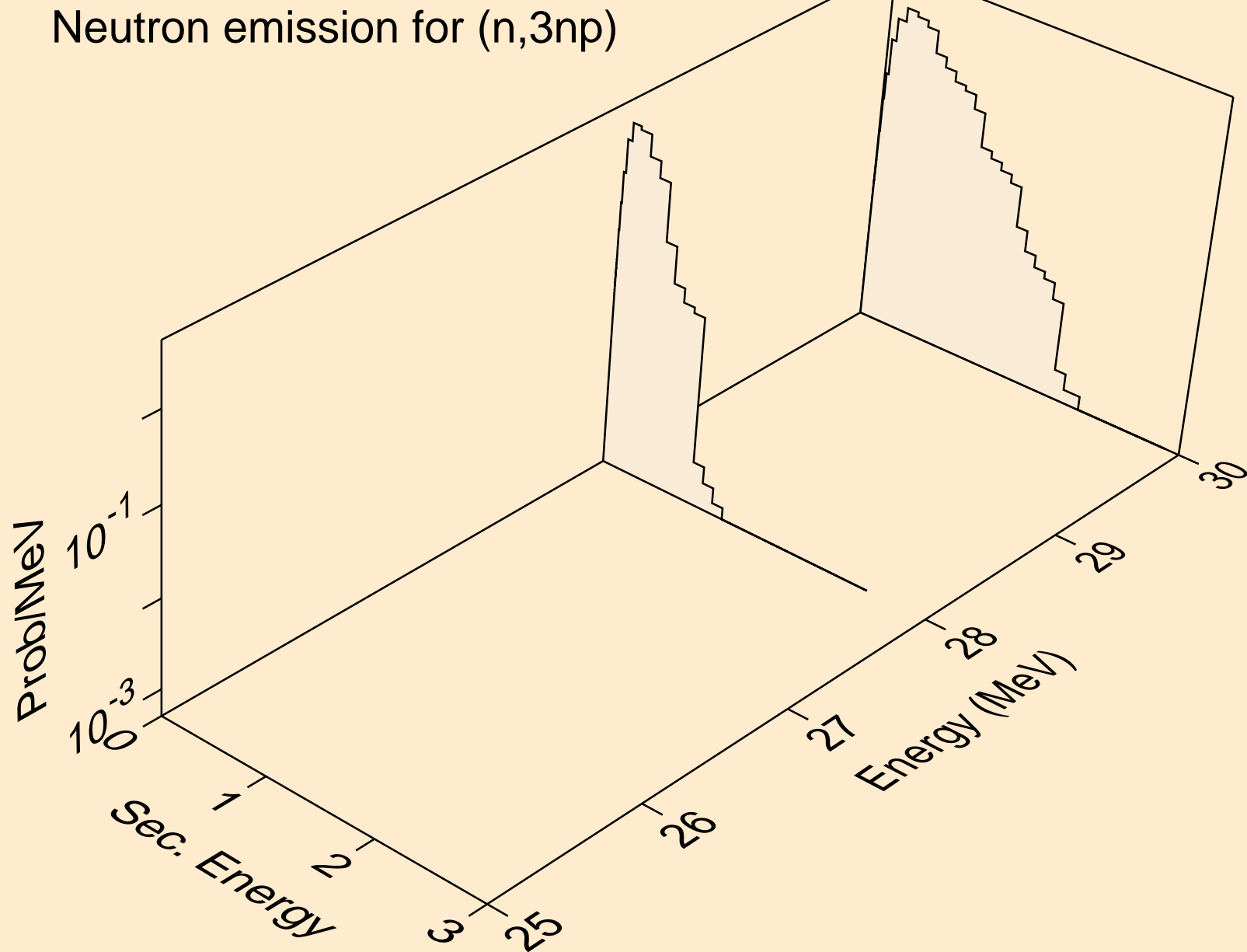
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

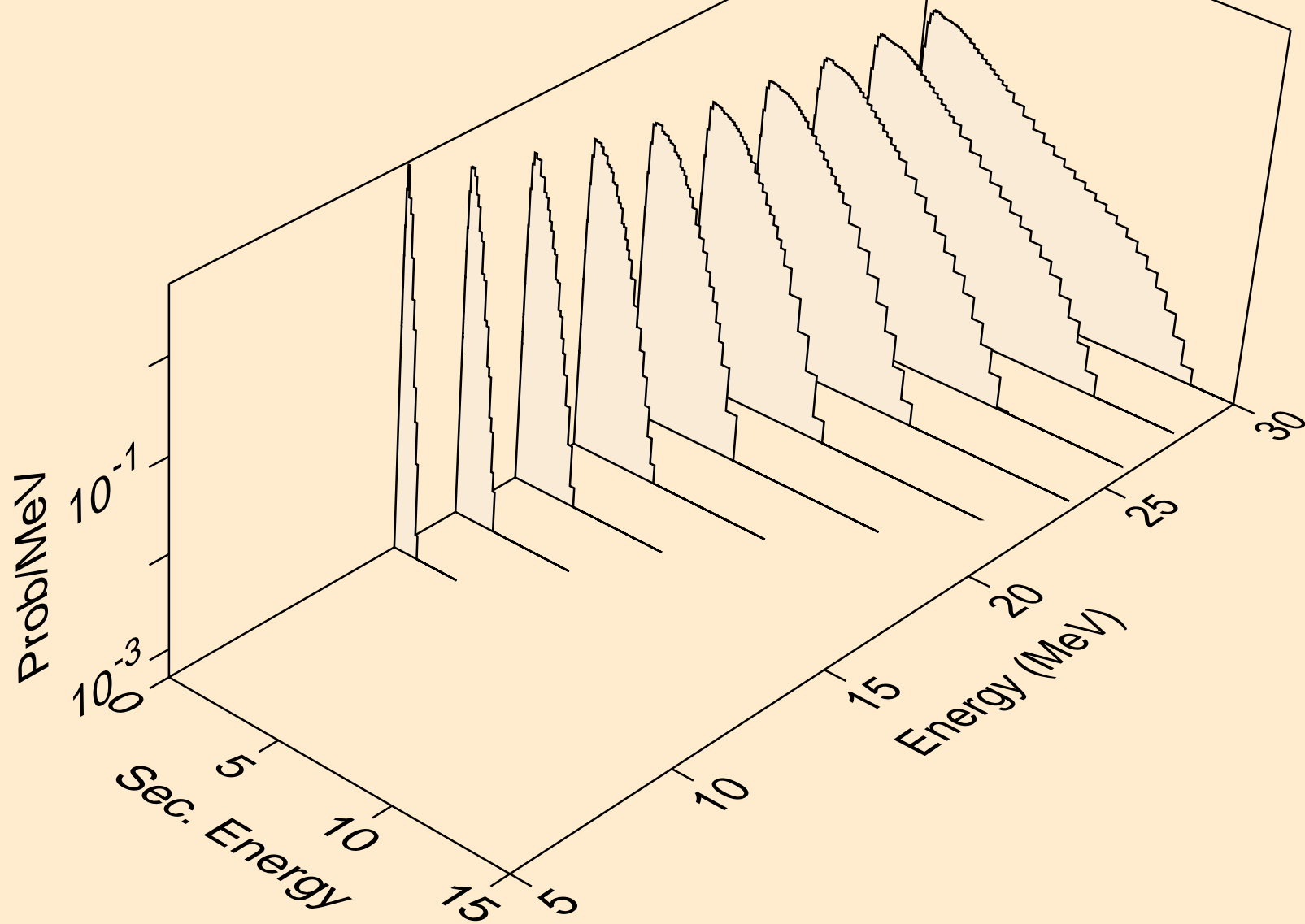


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

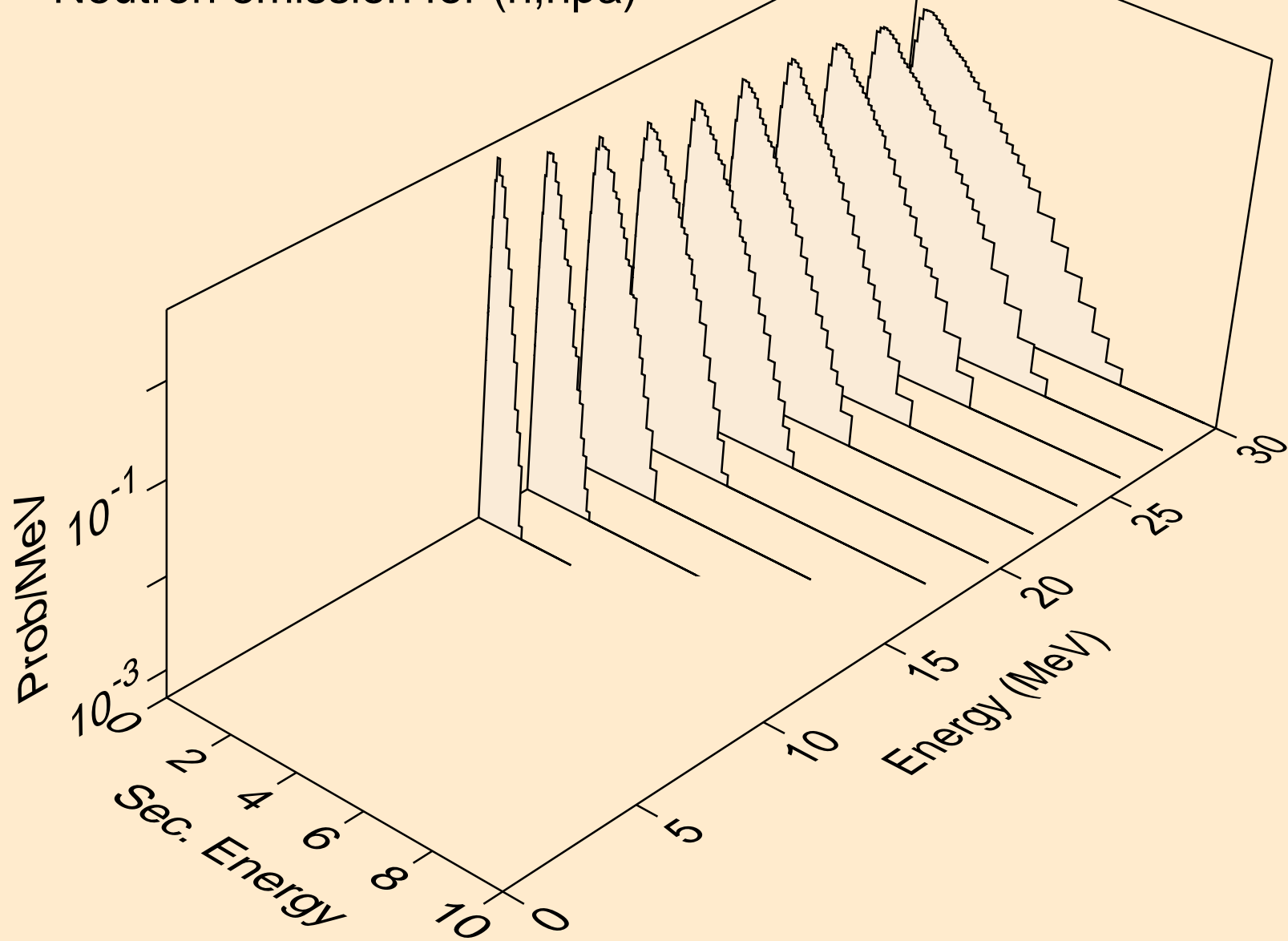




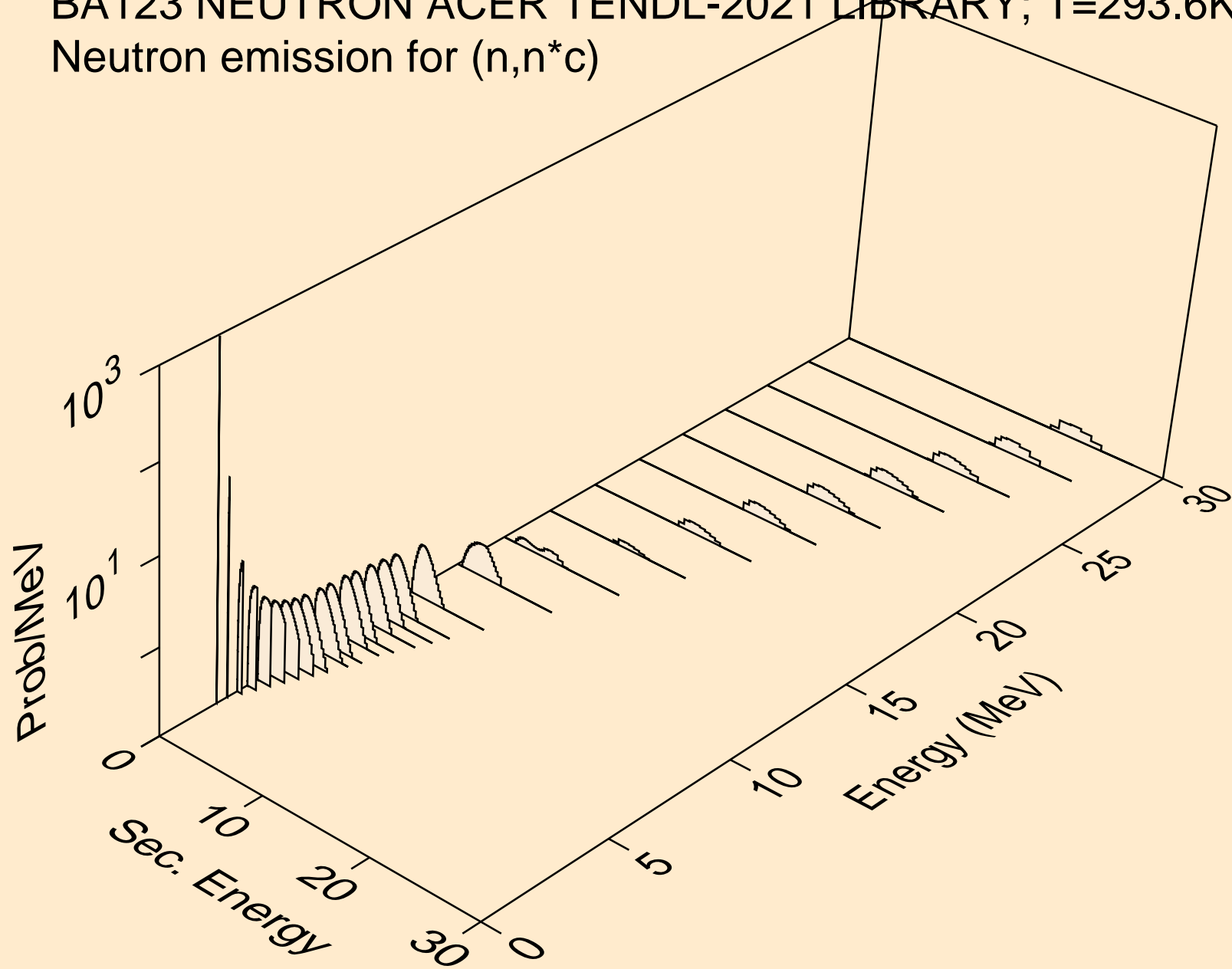
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Neutron emission for (n,2np)



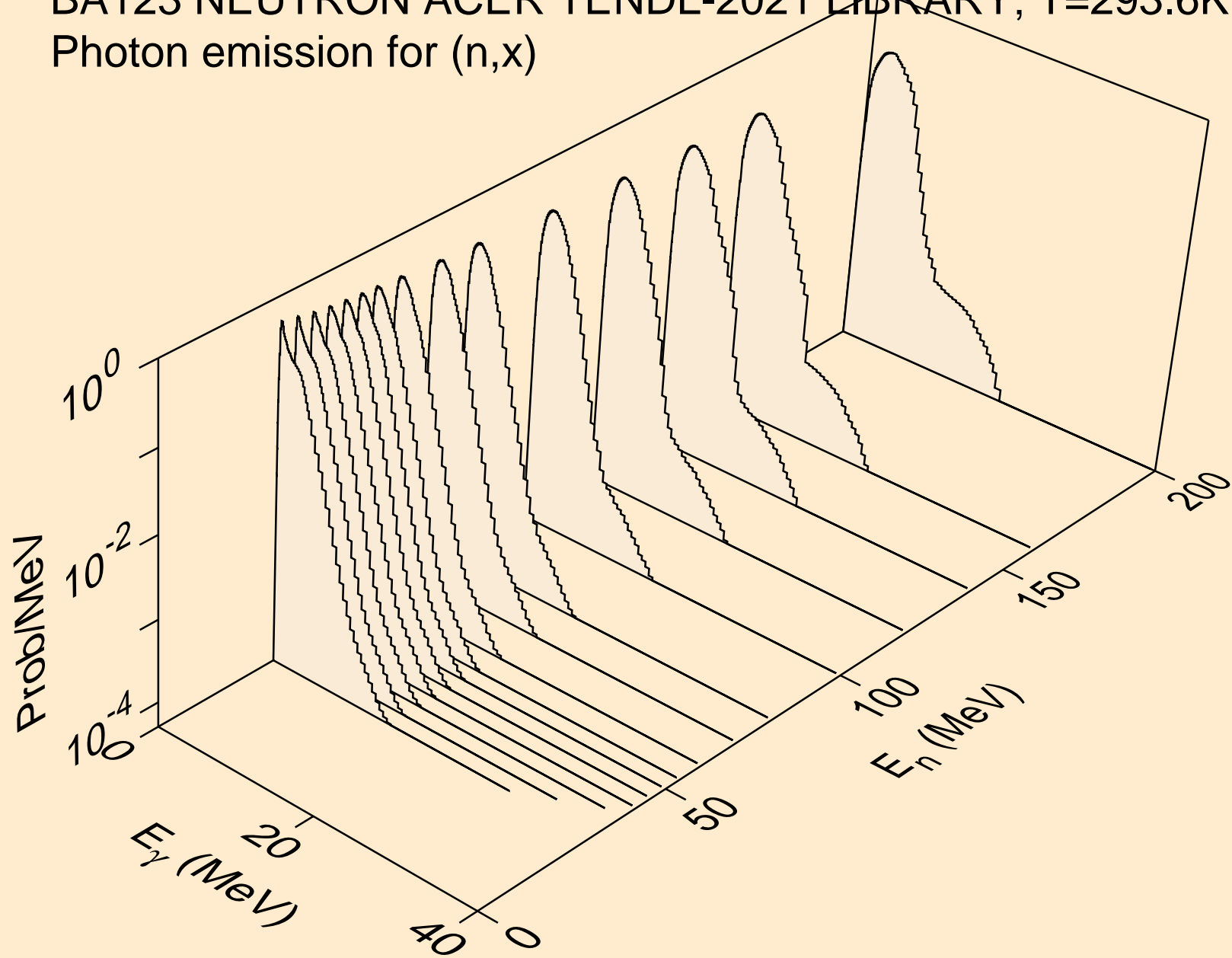
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



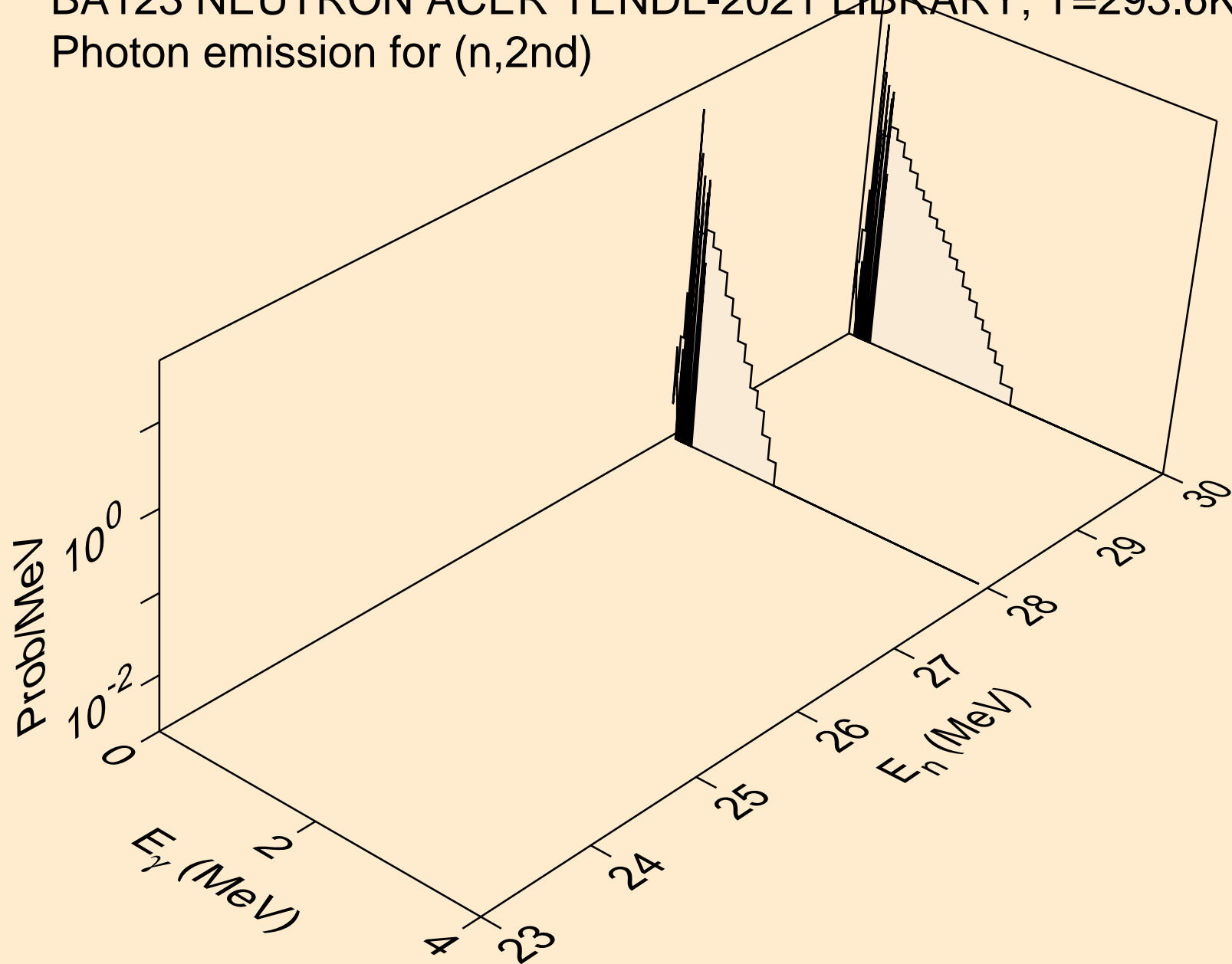
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



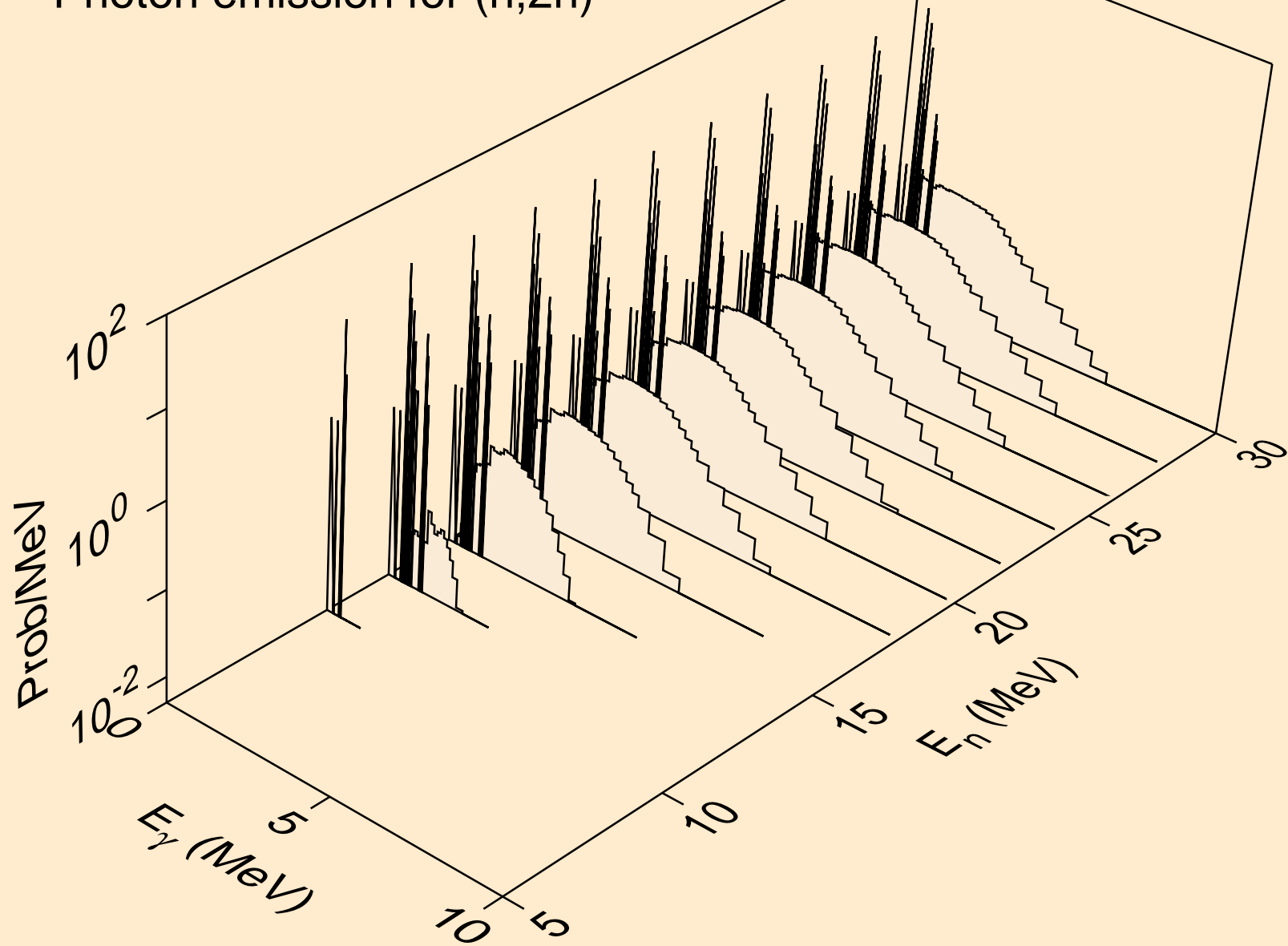
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



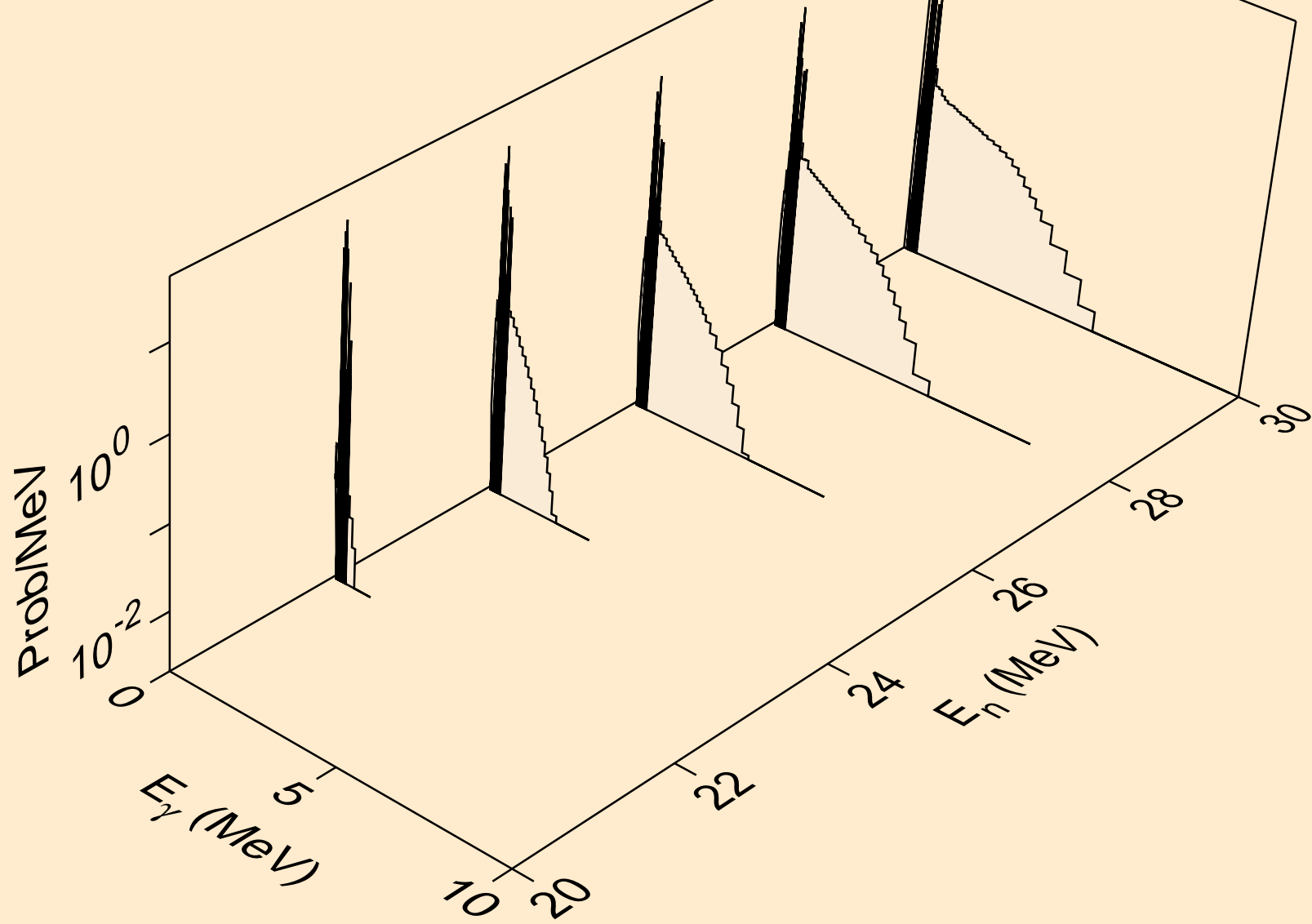
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



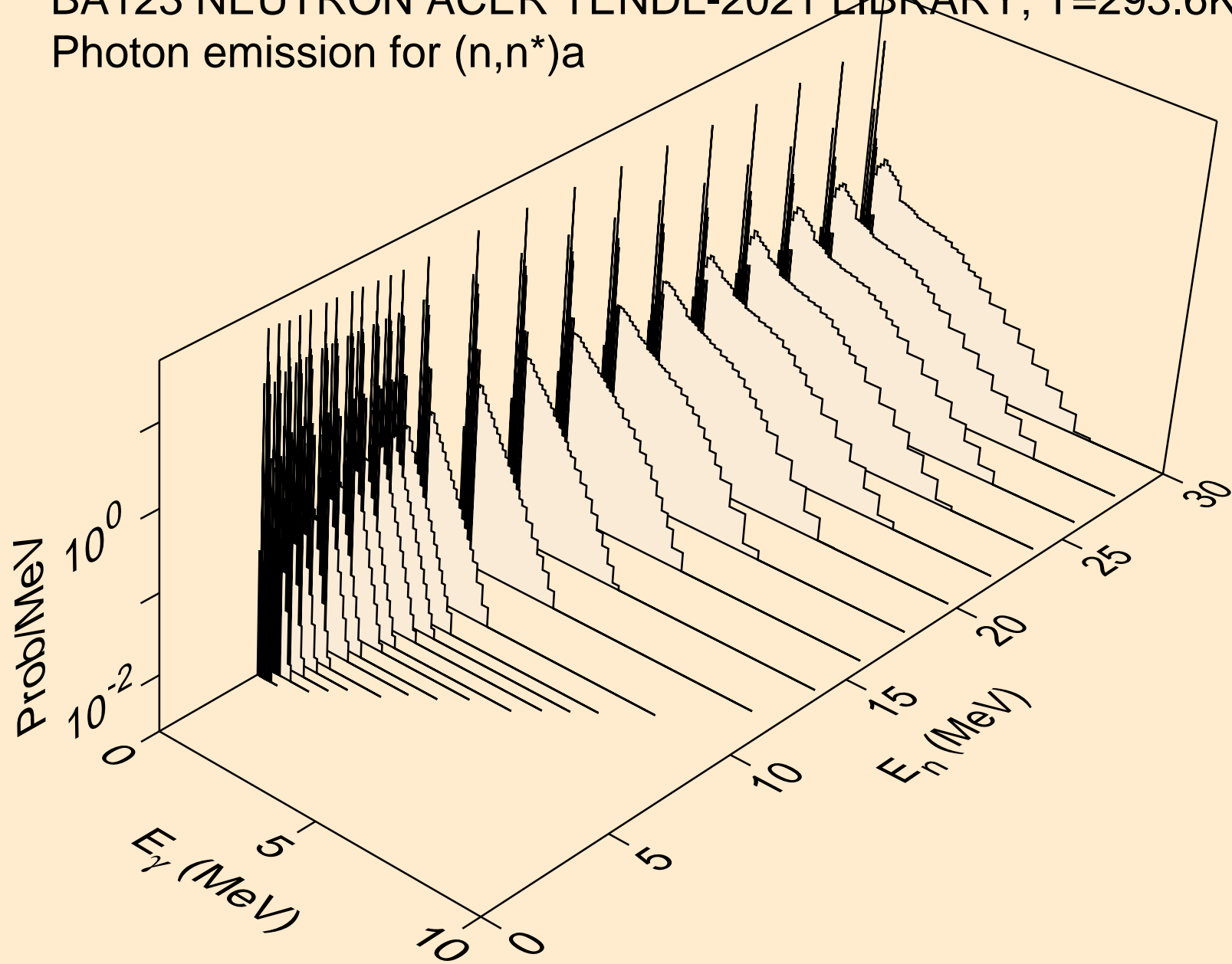
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

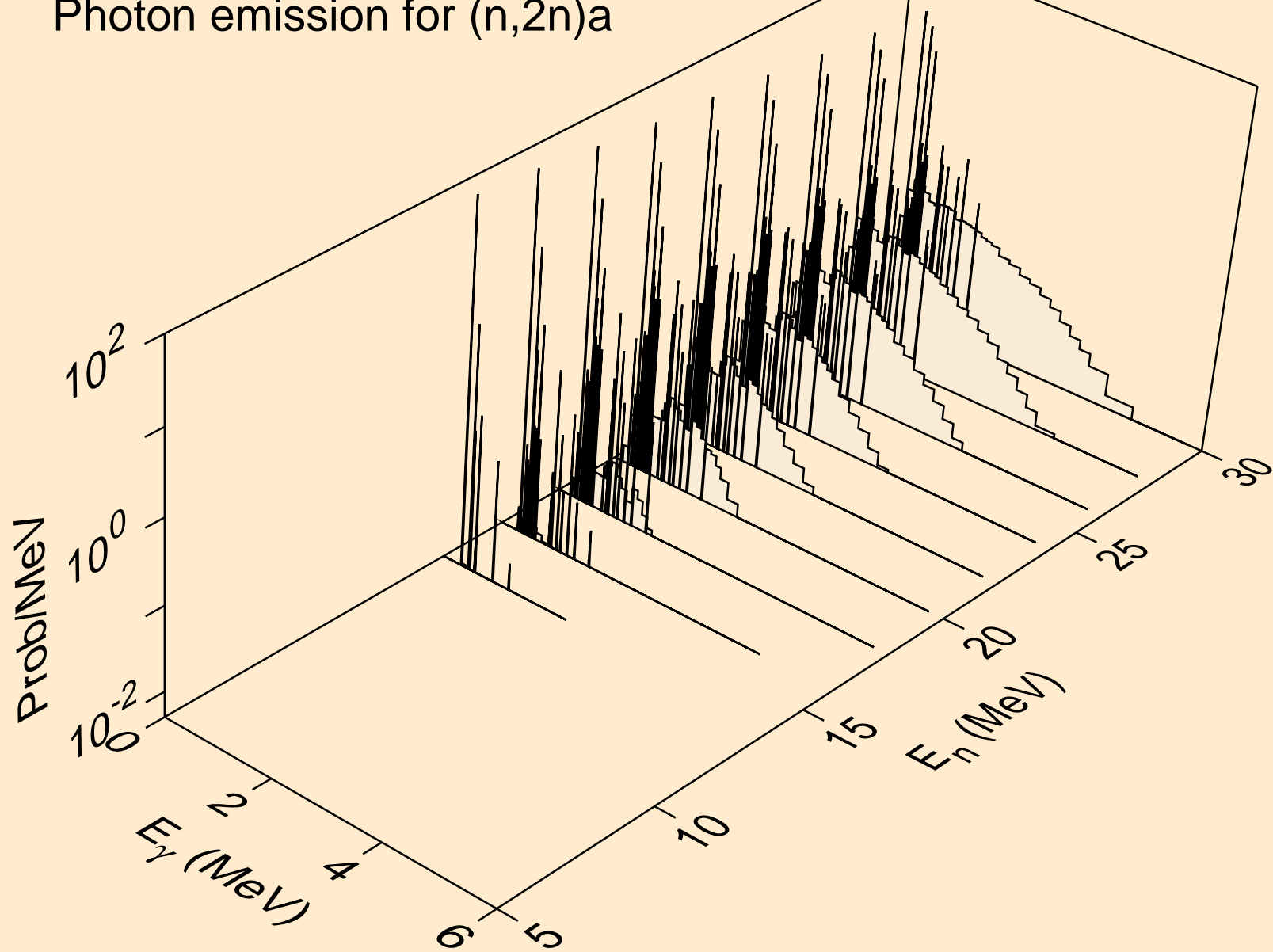


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

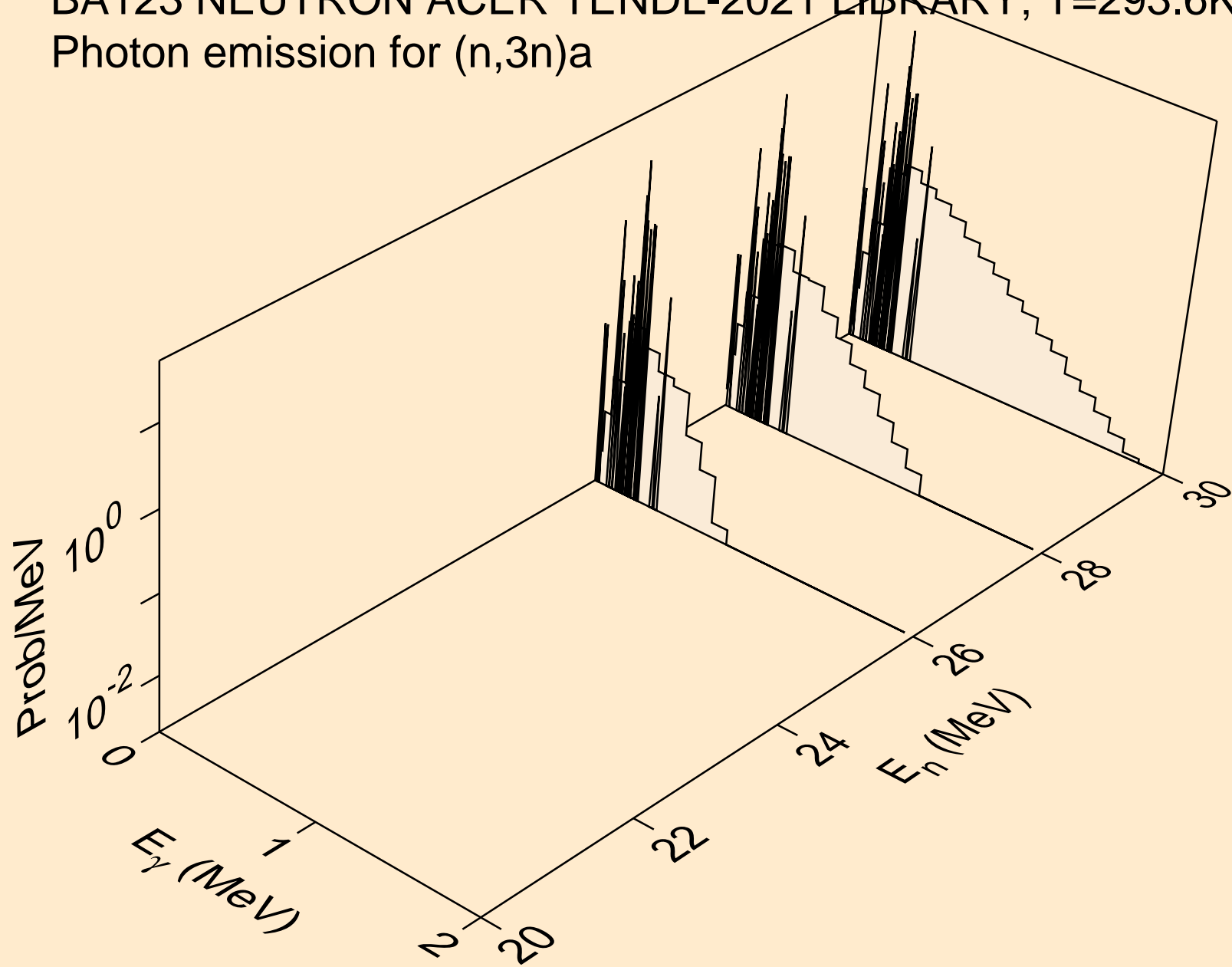




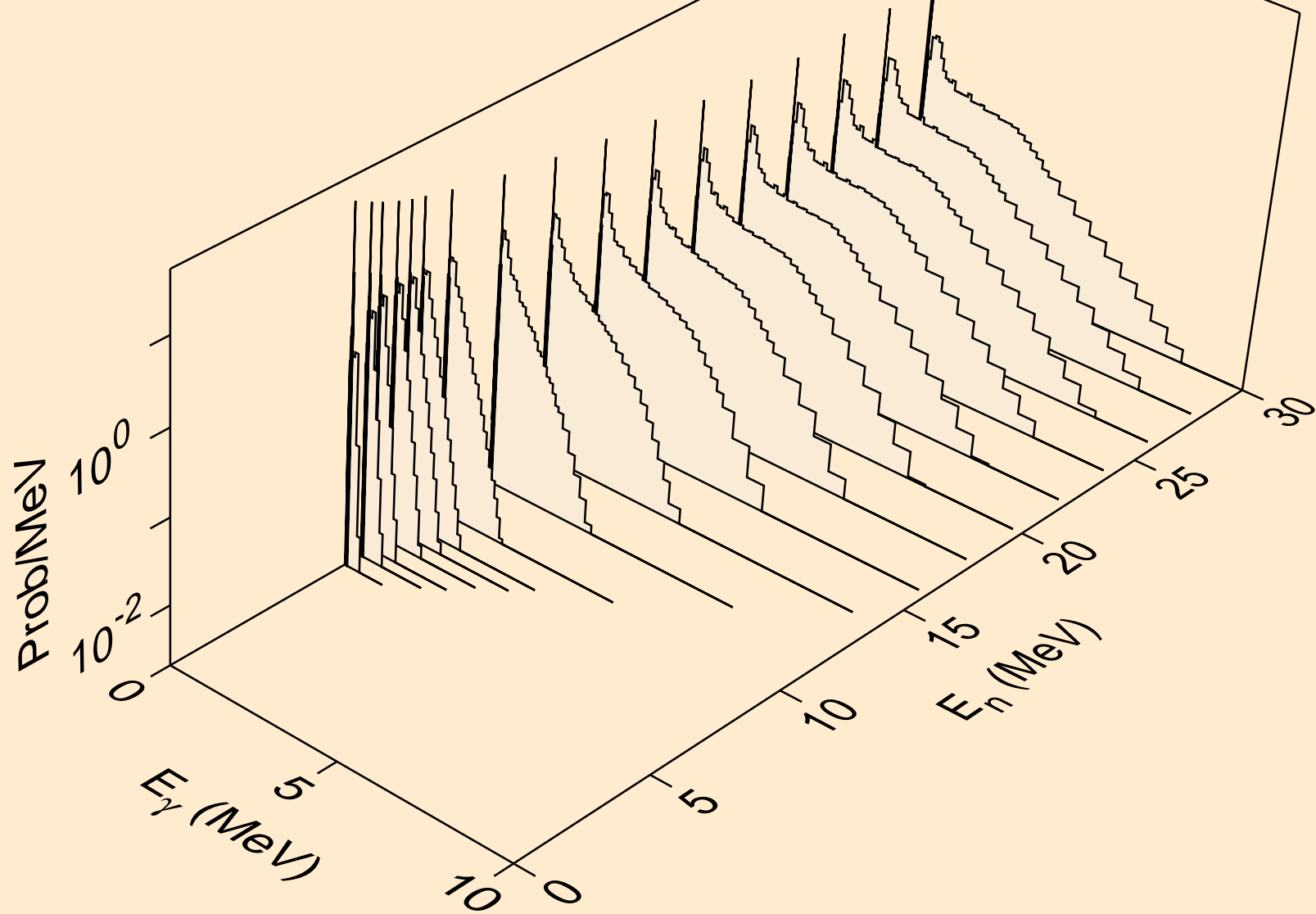
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



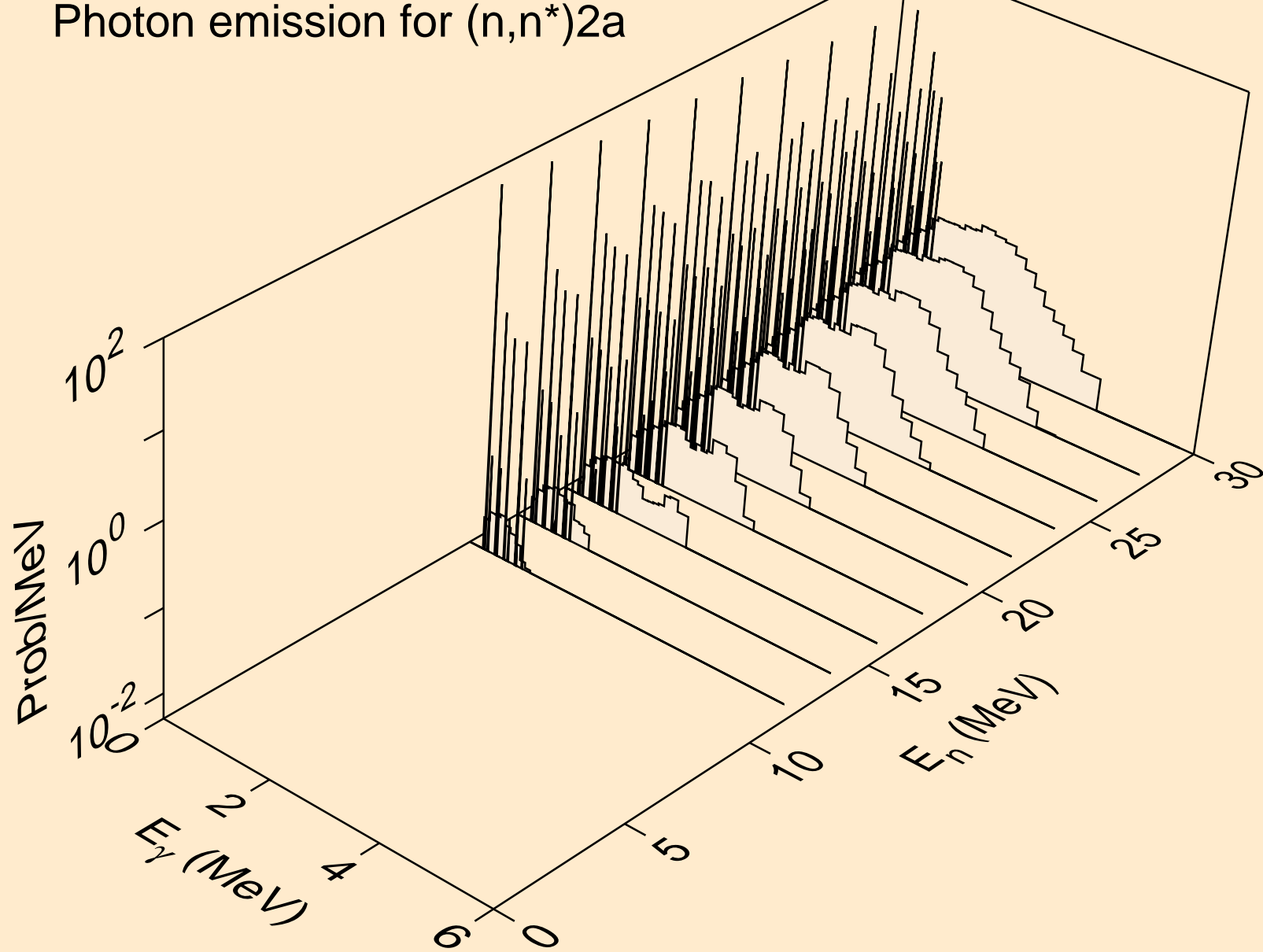
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



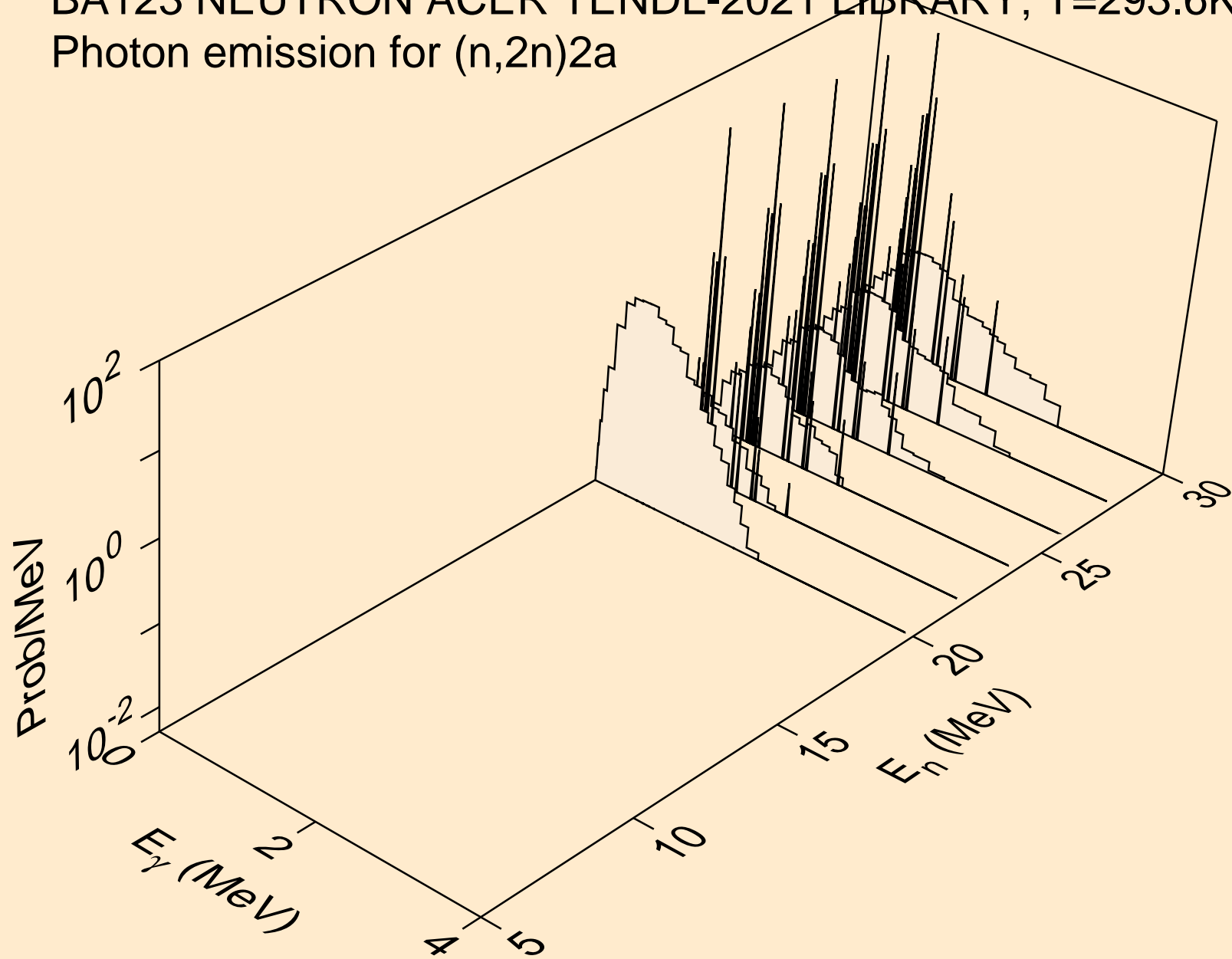
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Photon emission for (n,n\*)p



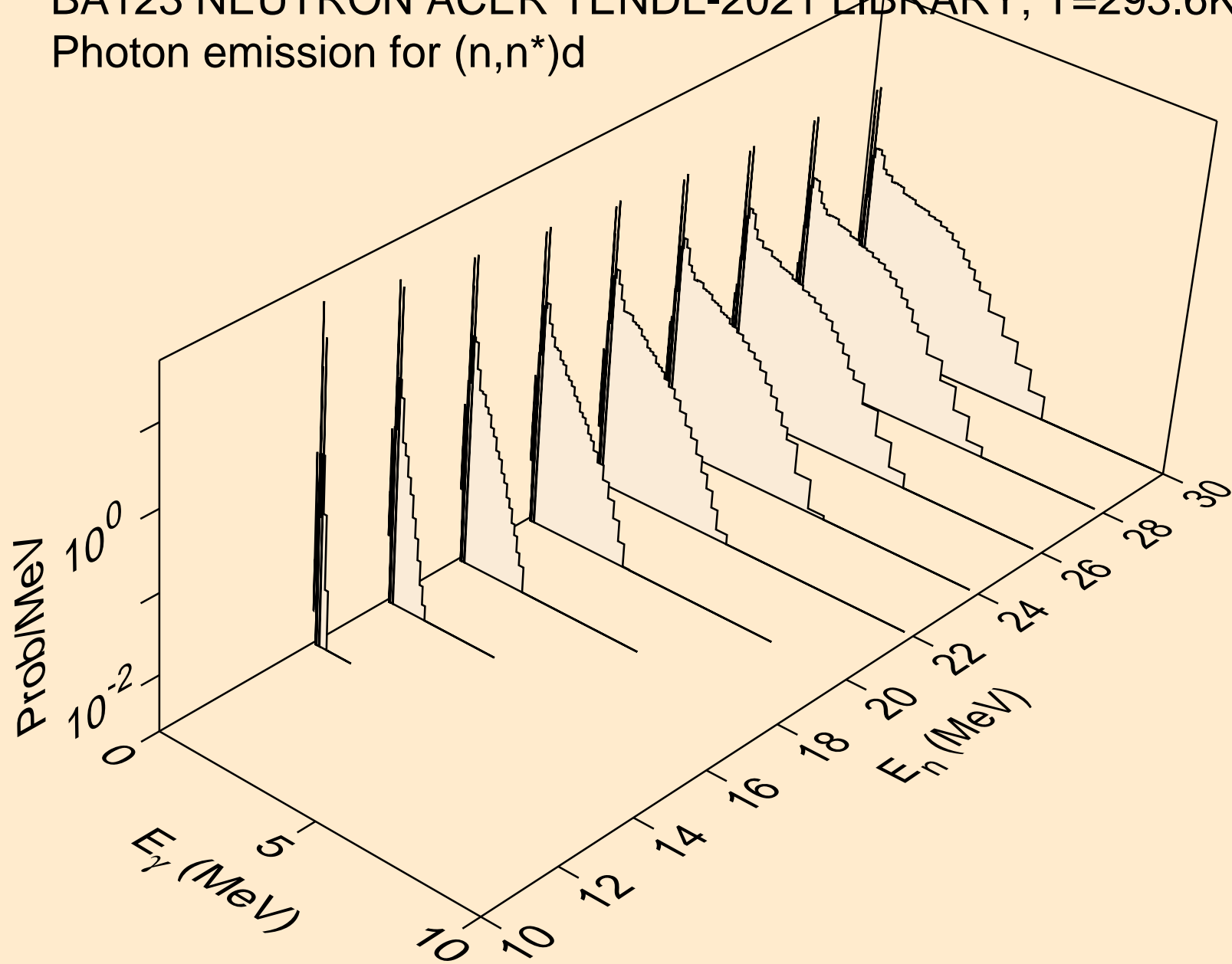
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



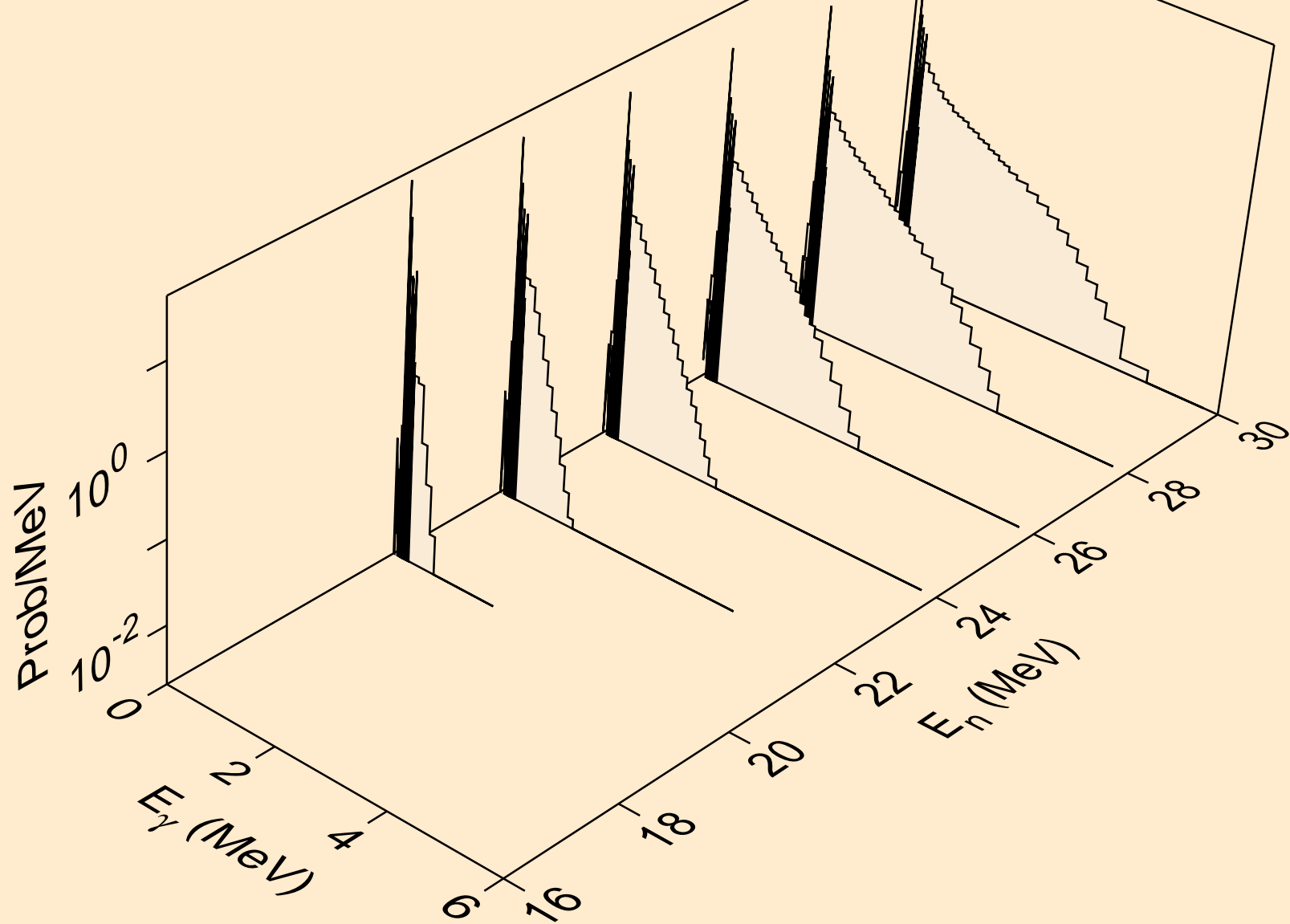
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Photon emission for (n,2n)2a



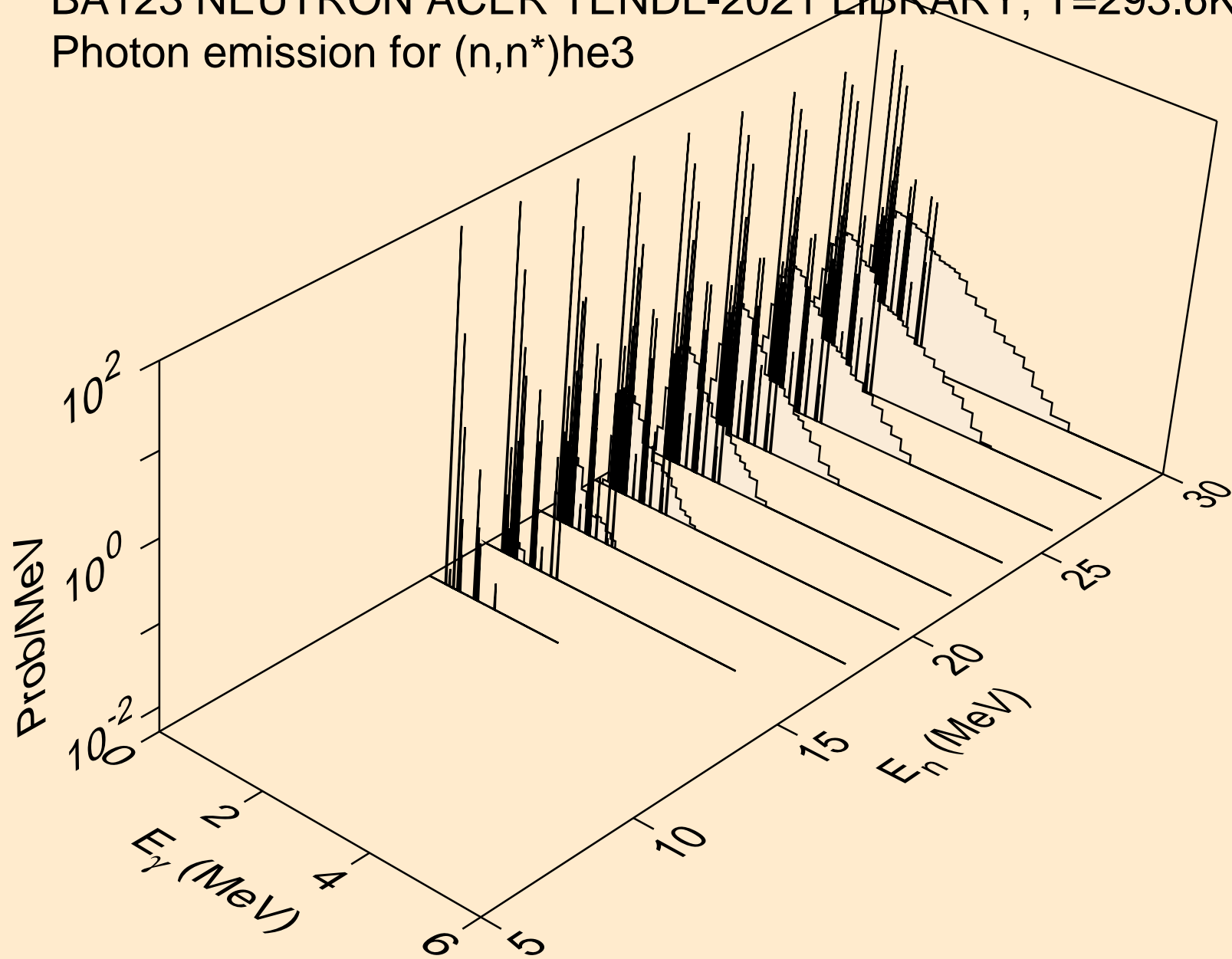
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

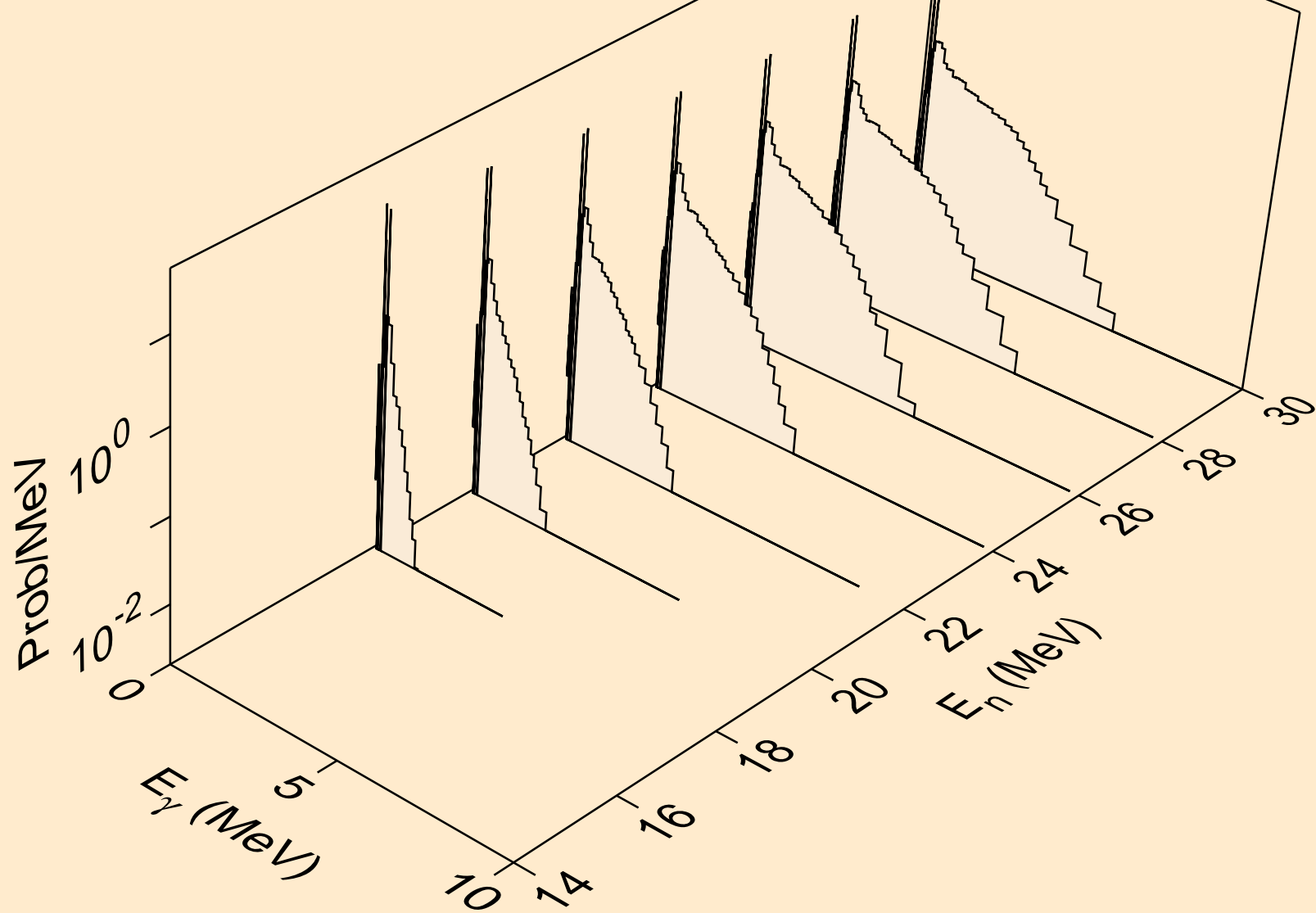


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

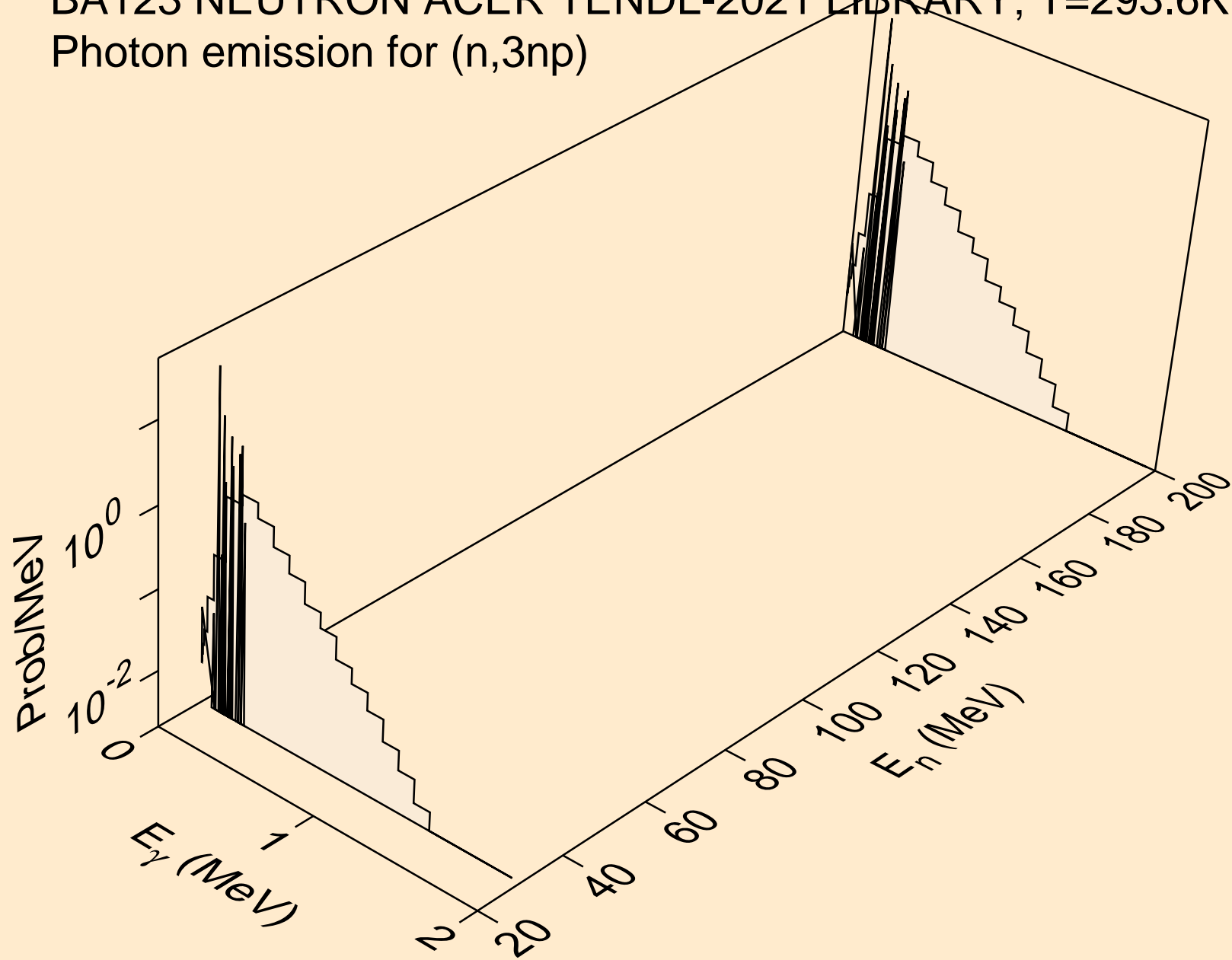




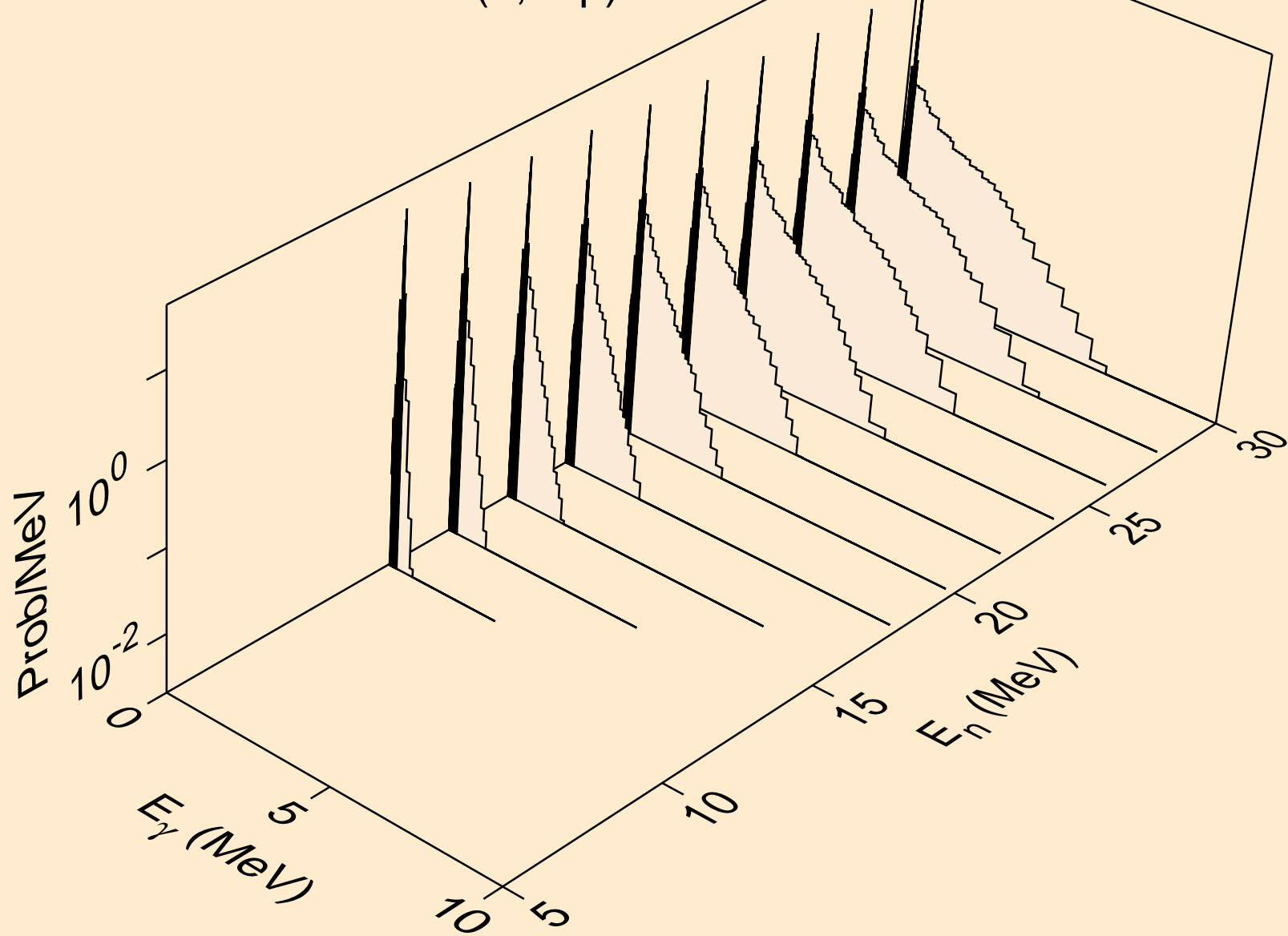
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



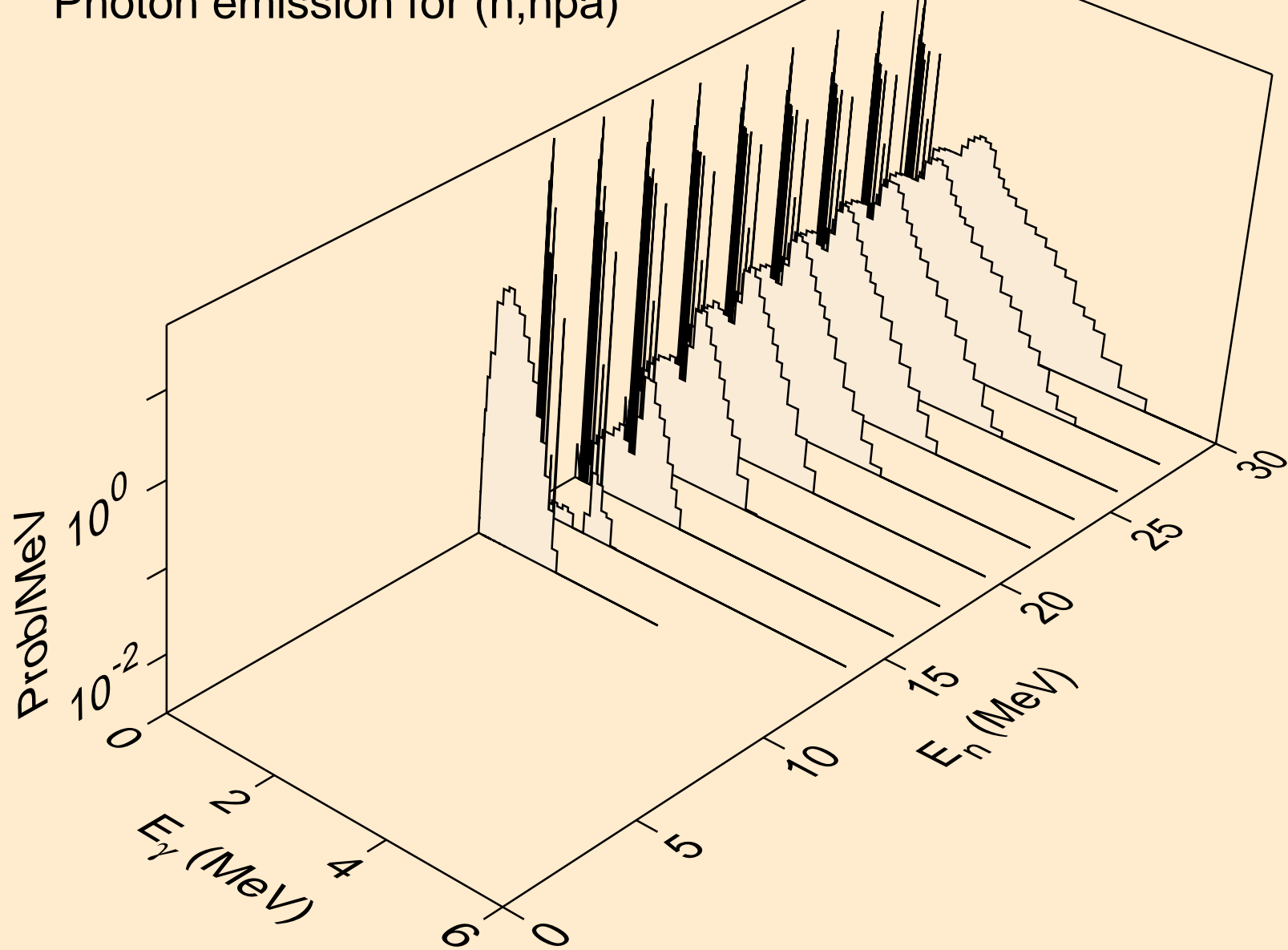
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Photon emission for (n,3np)



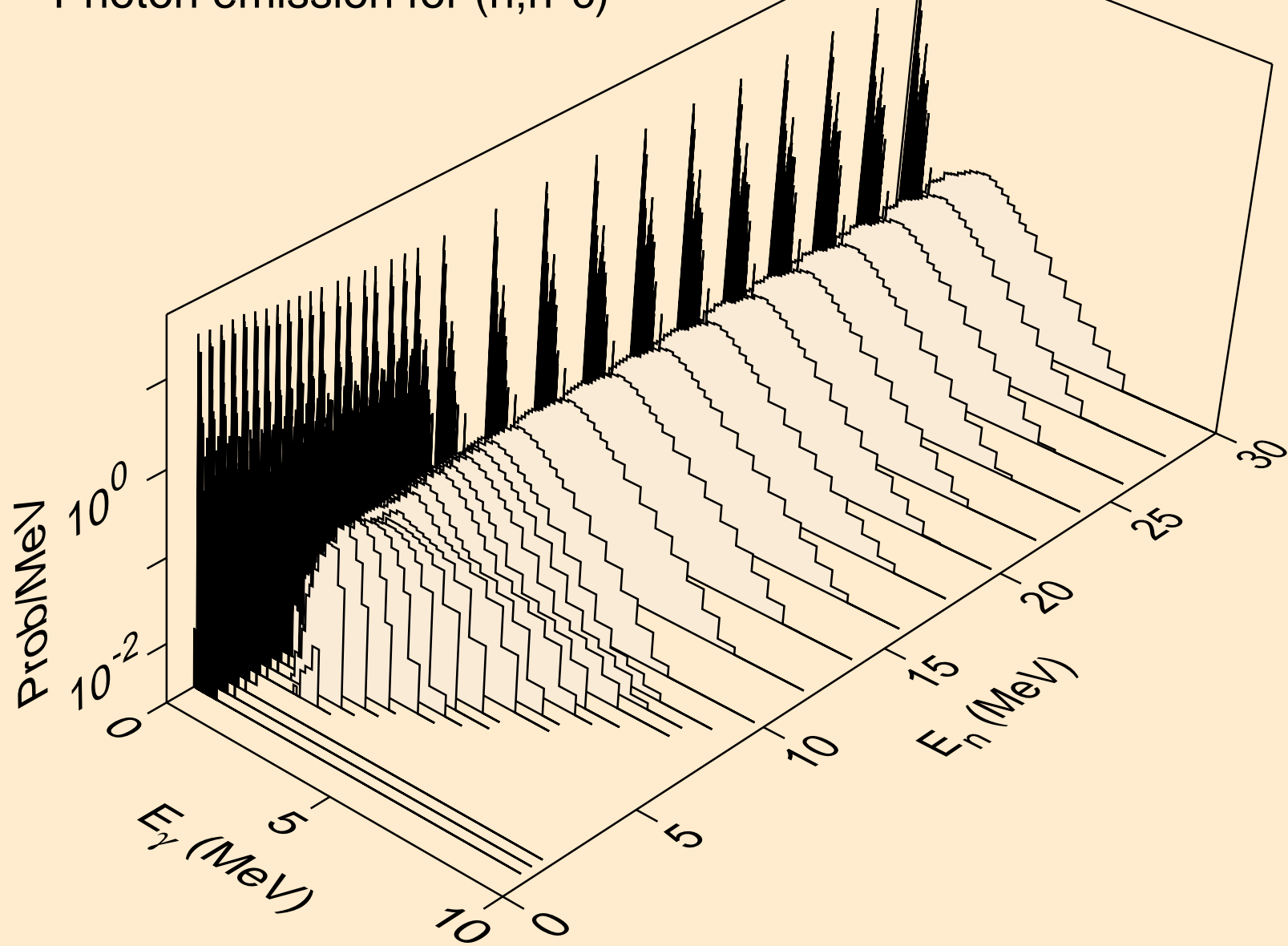
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



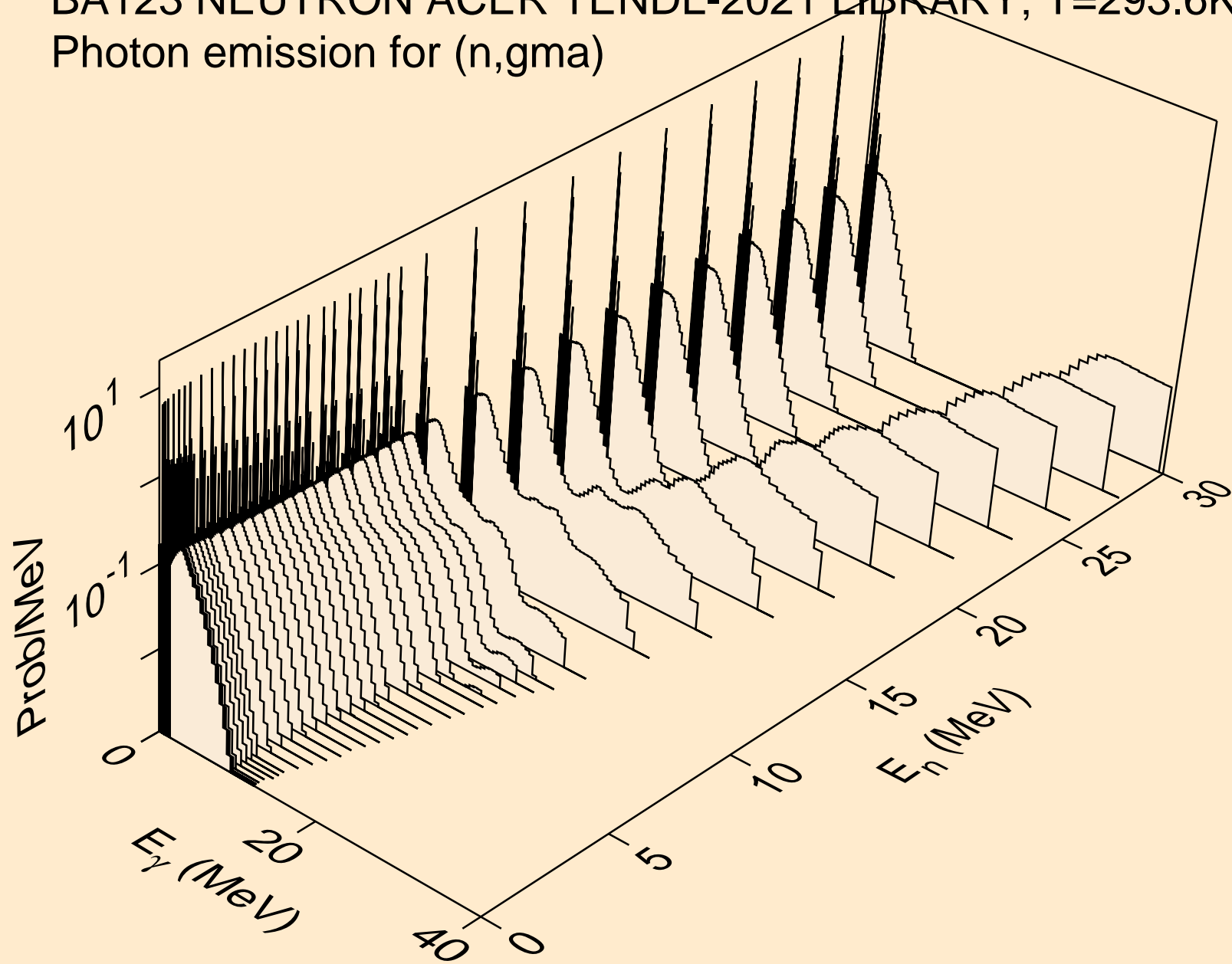
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Photon emission for (n,npa)



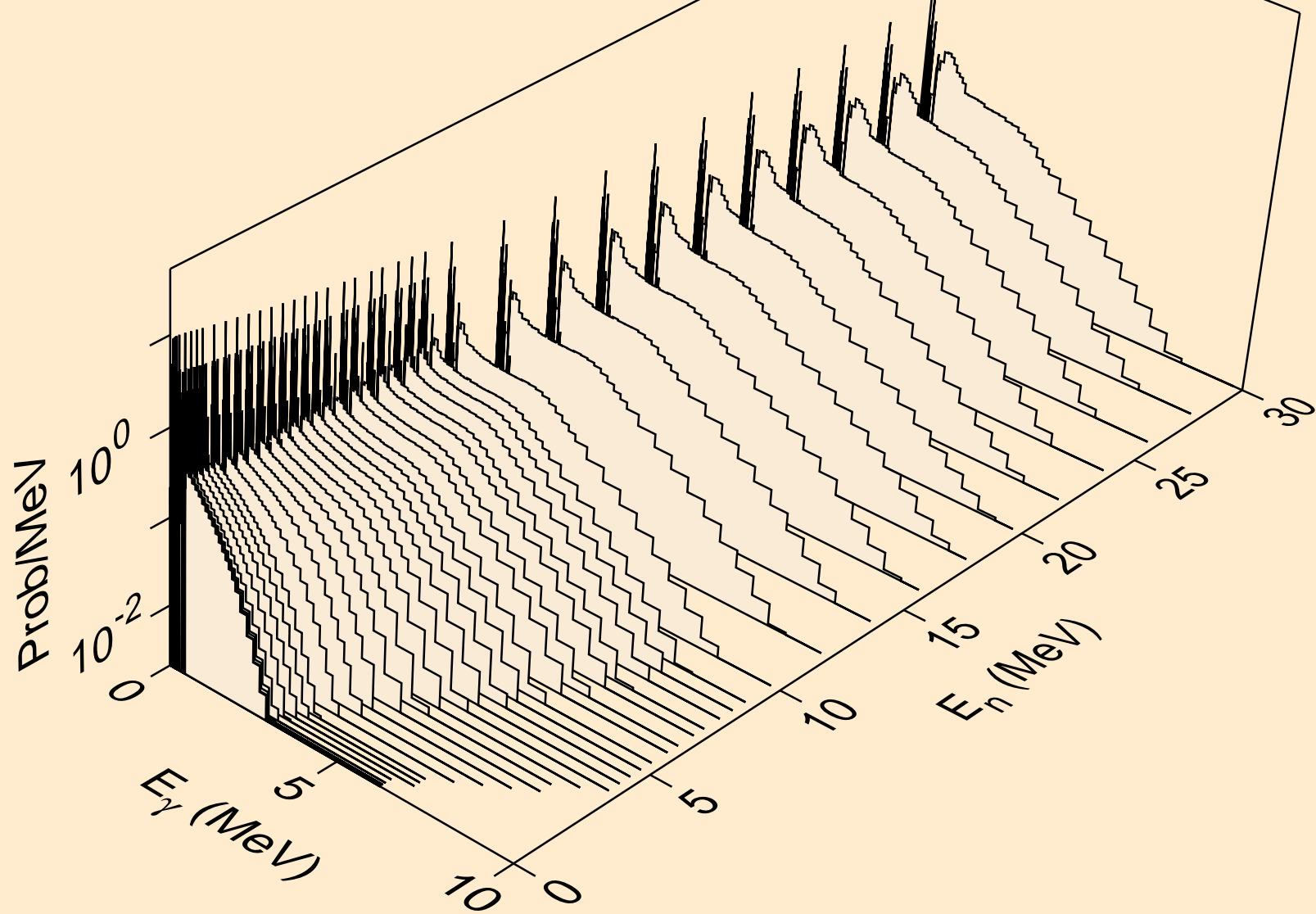
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Photon emission for (n,n\*c)



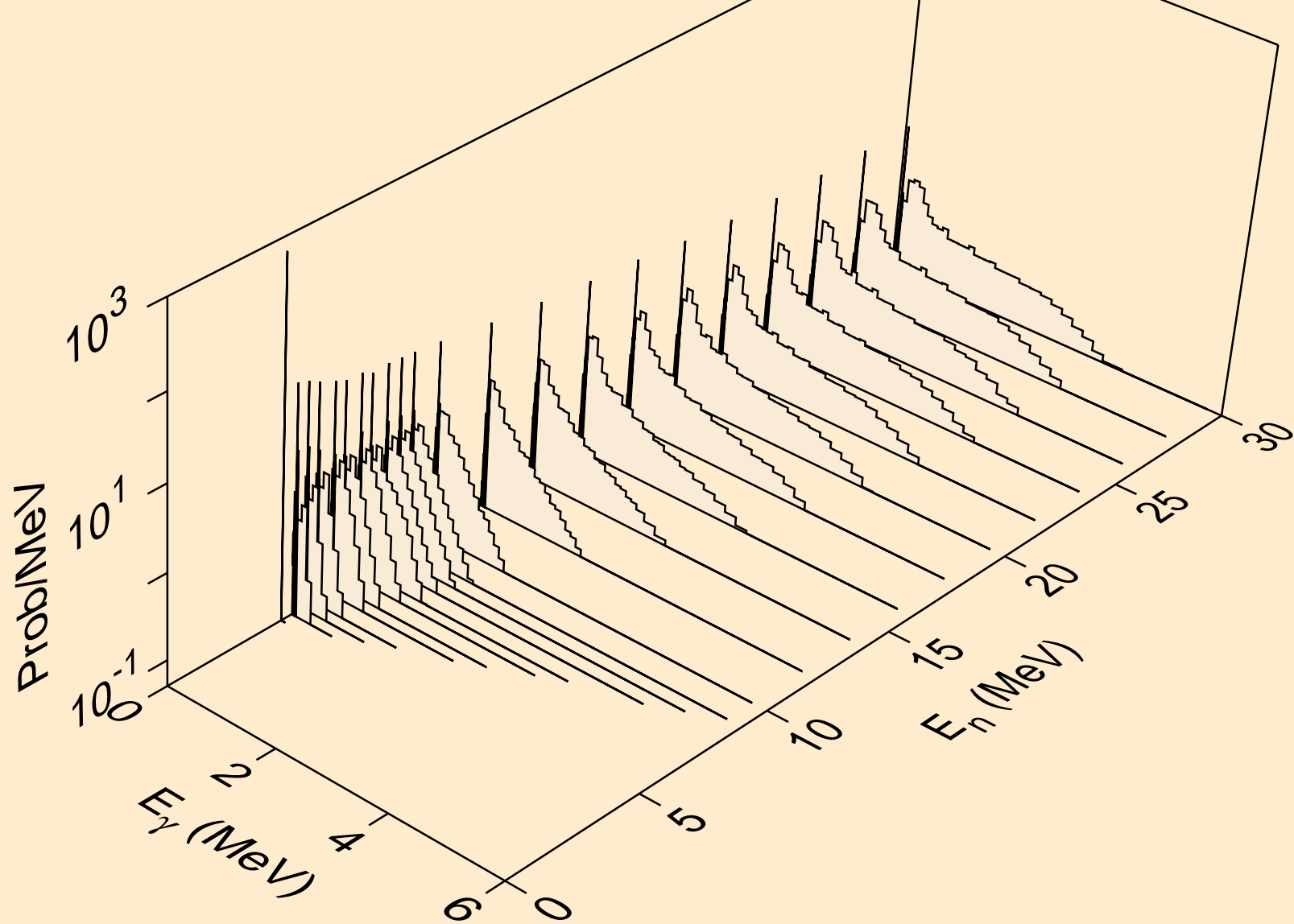
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

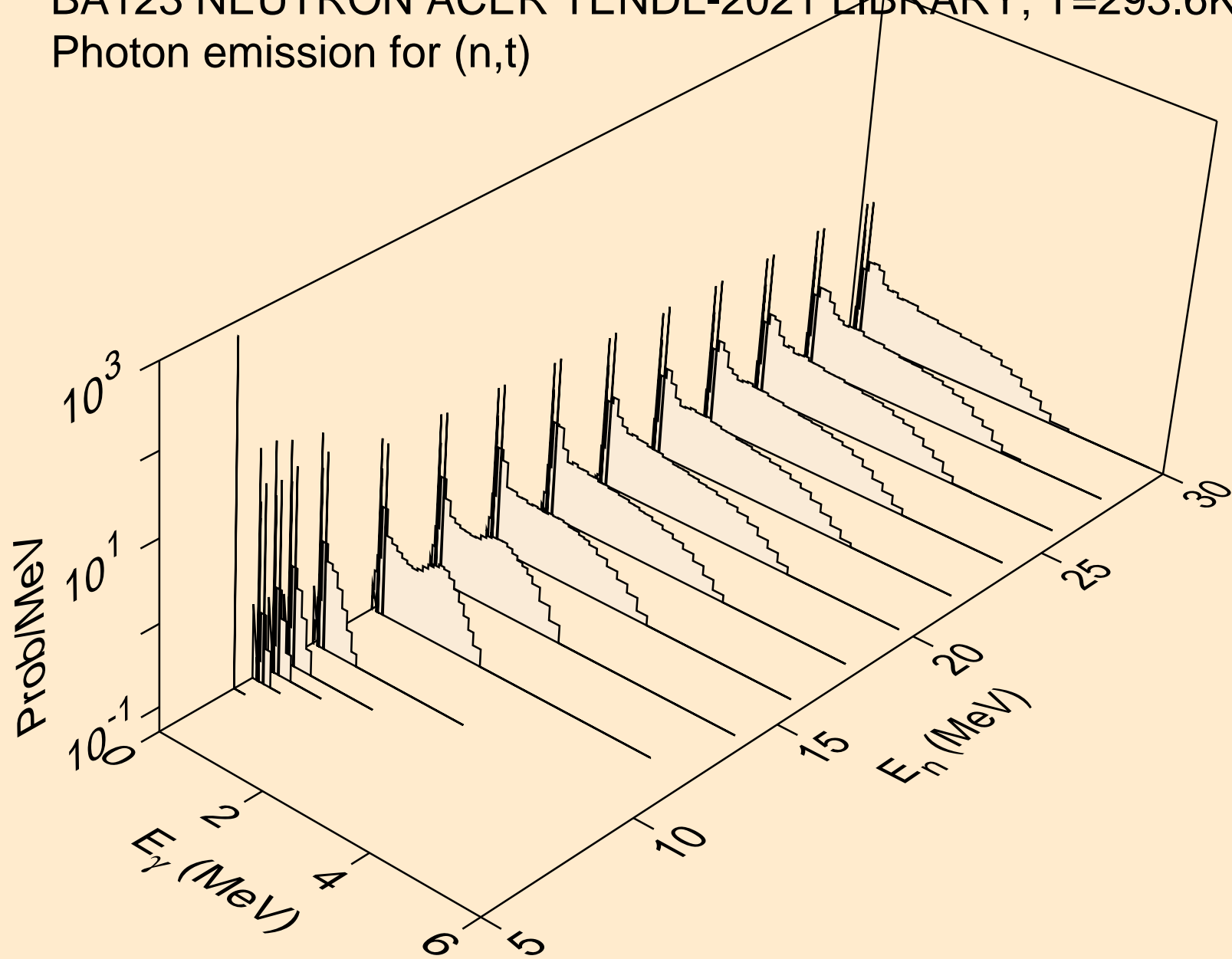


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Photon emission for (n,d)

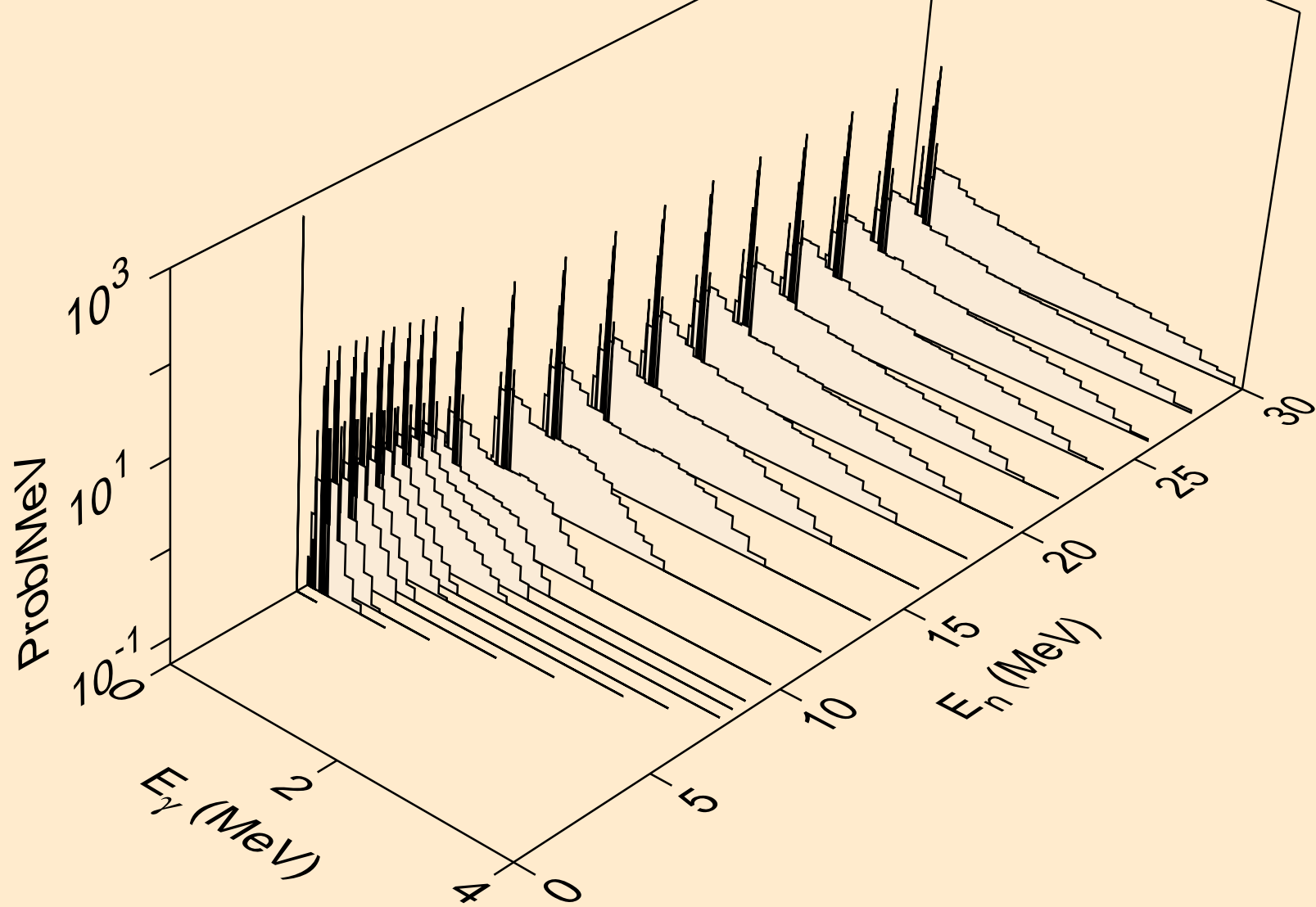




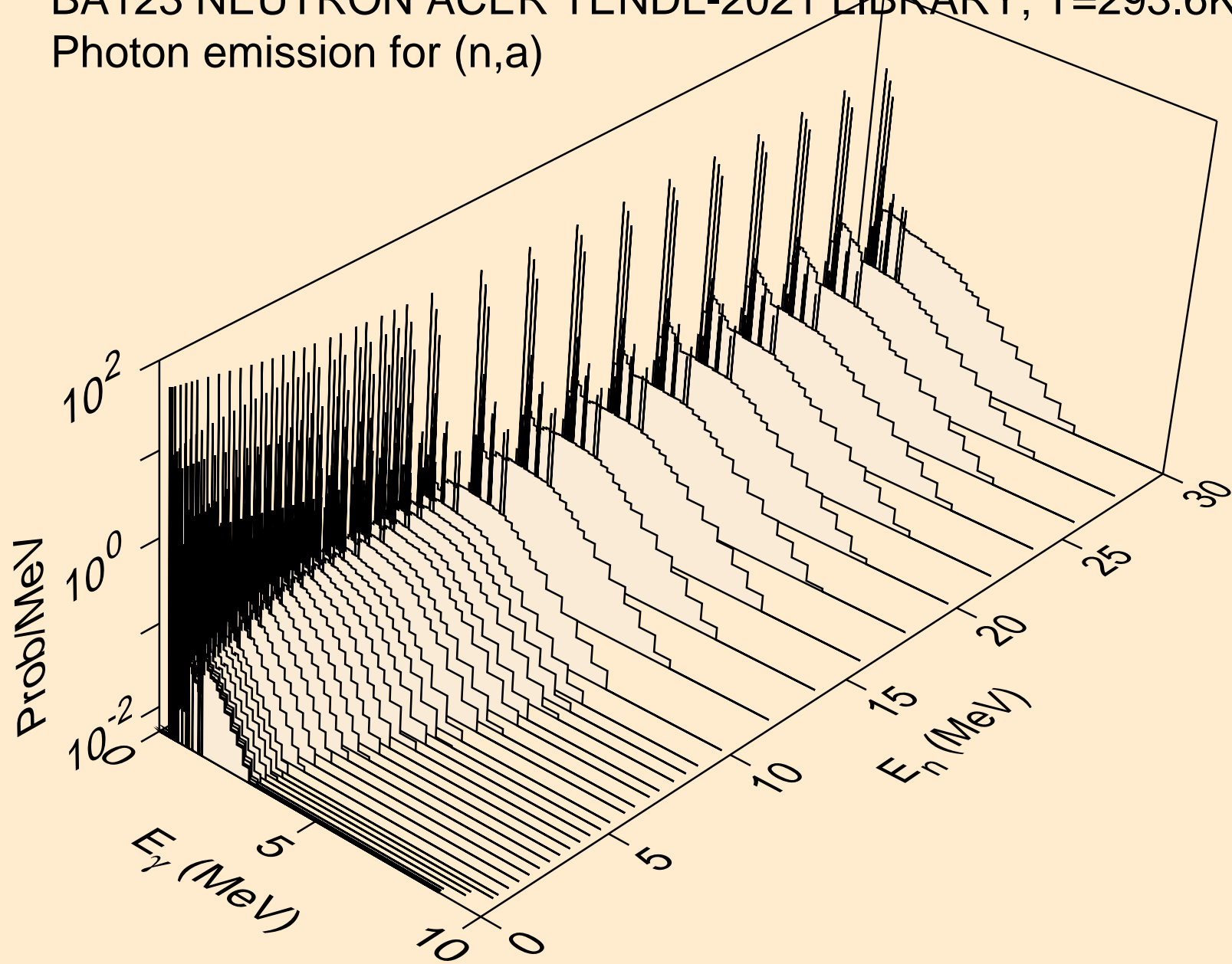
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Photon emission for (n,t)



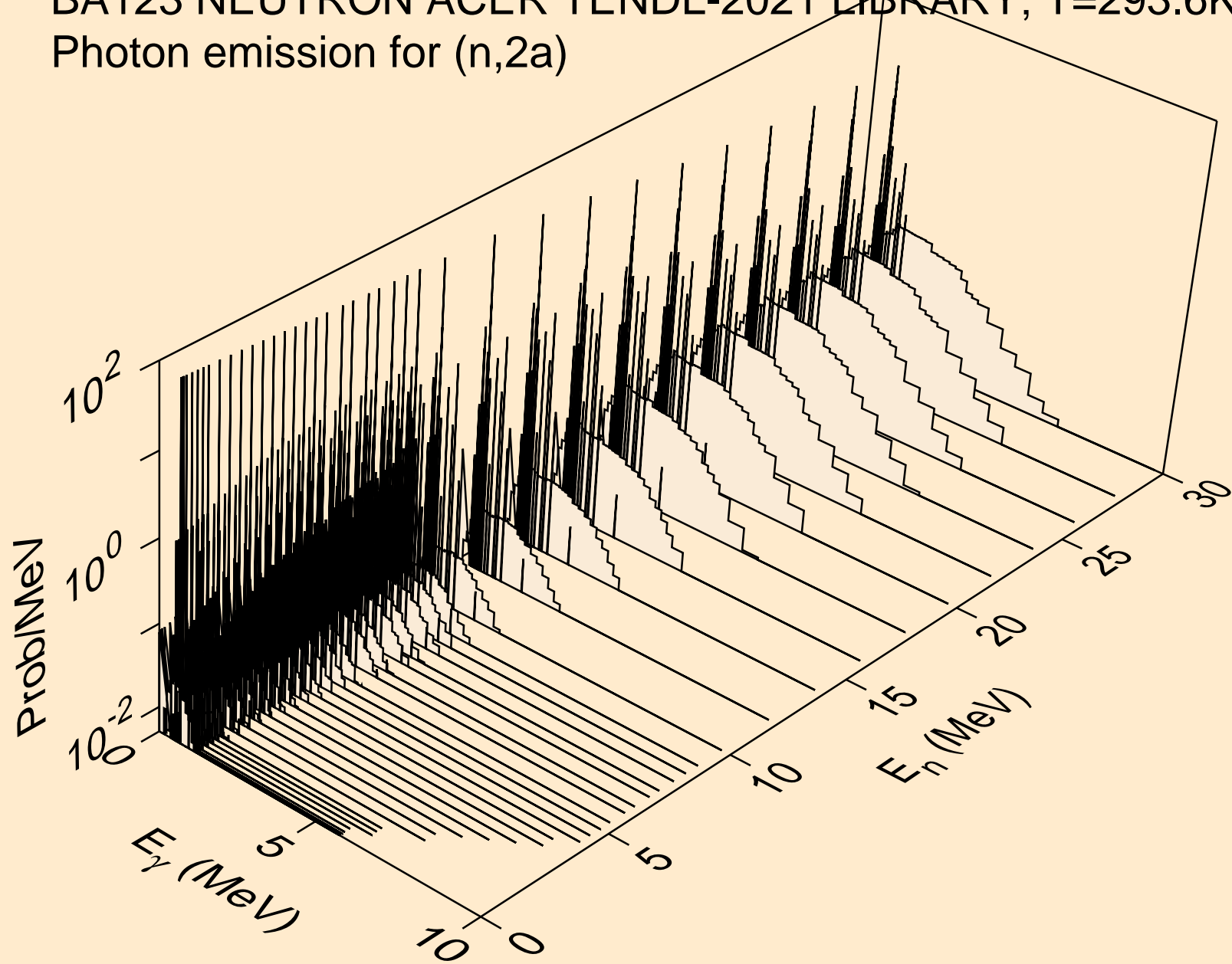
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



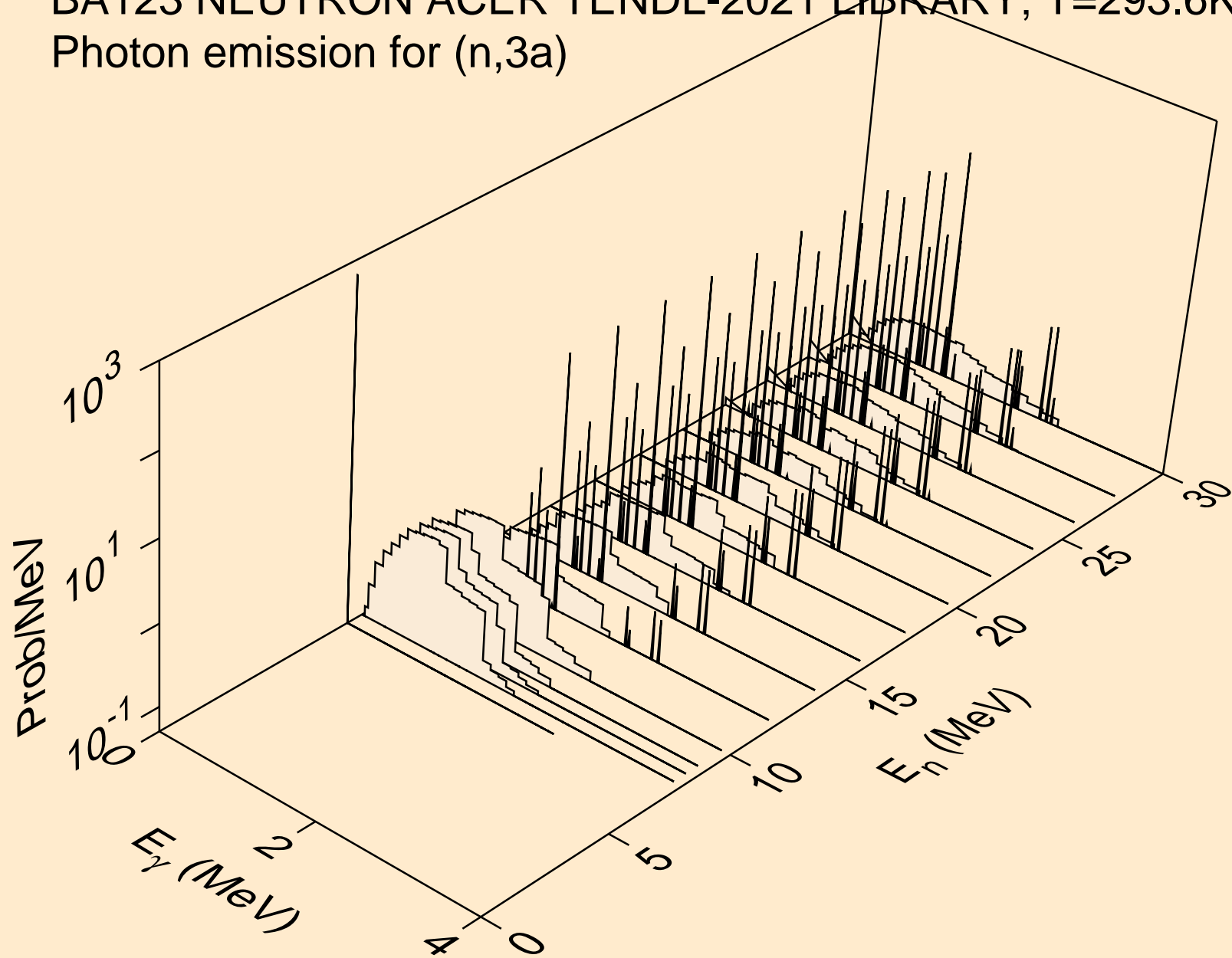
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Photon emission for (n,a)



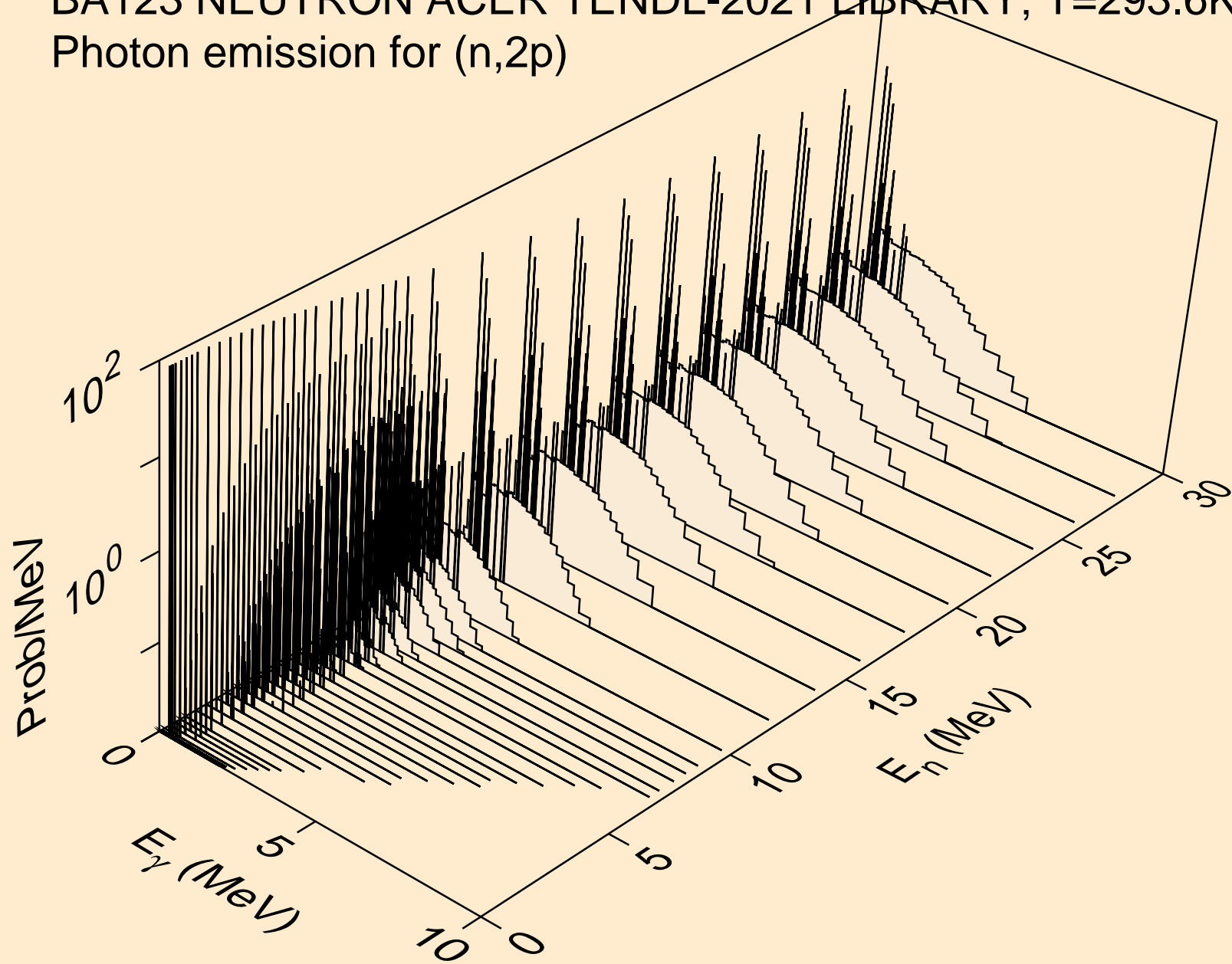
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



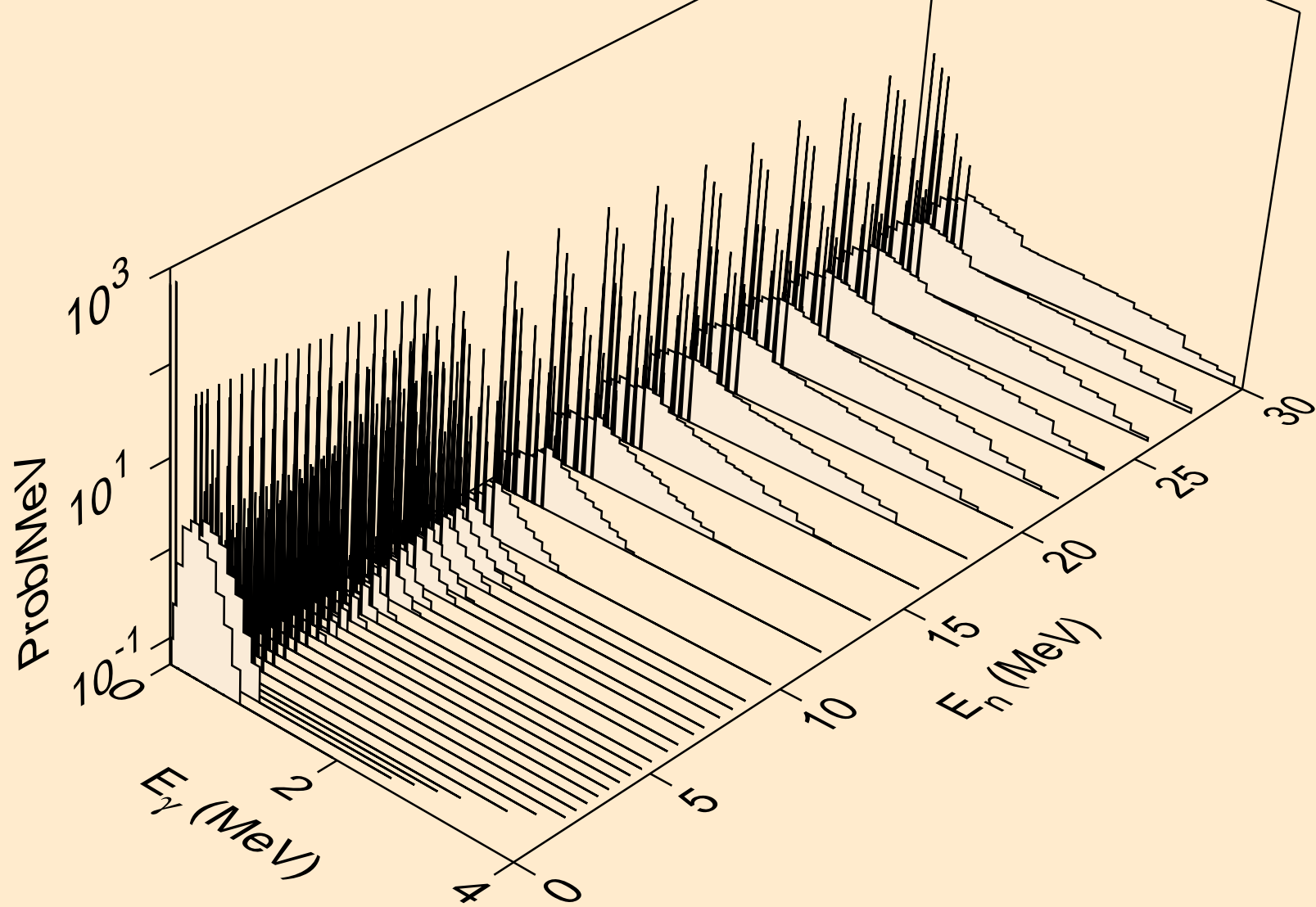
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Photon emission for (n,3a)



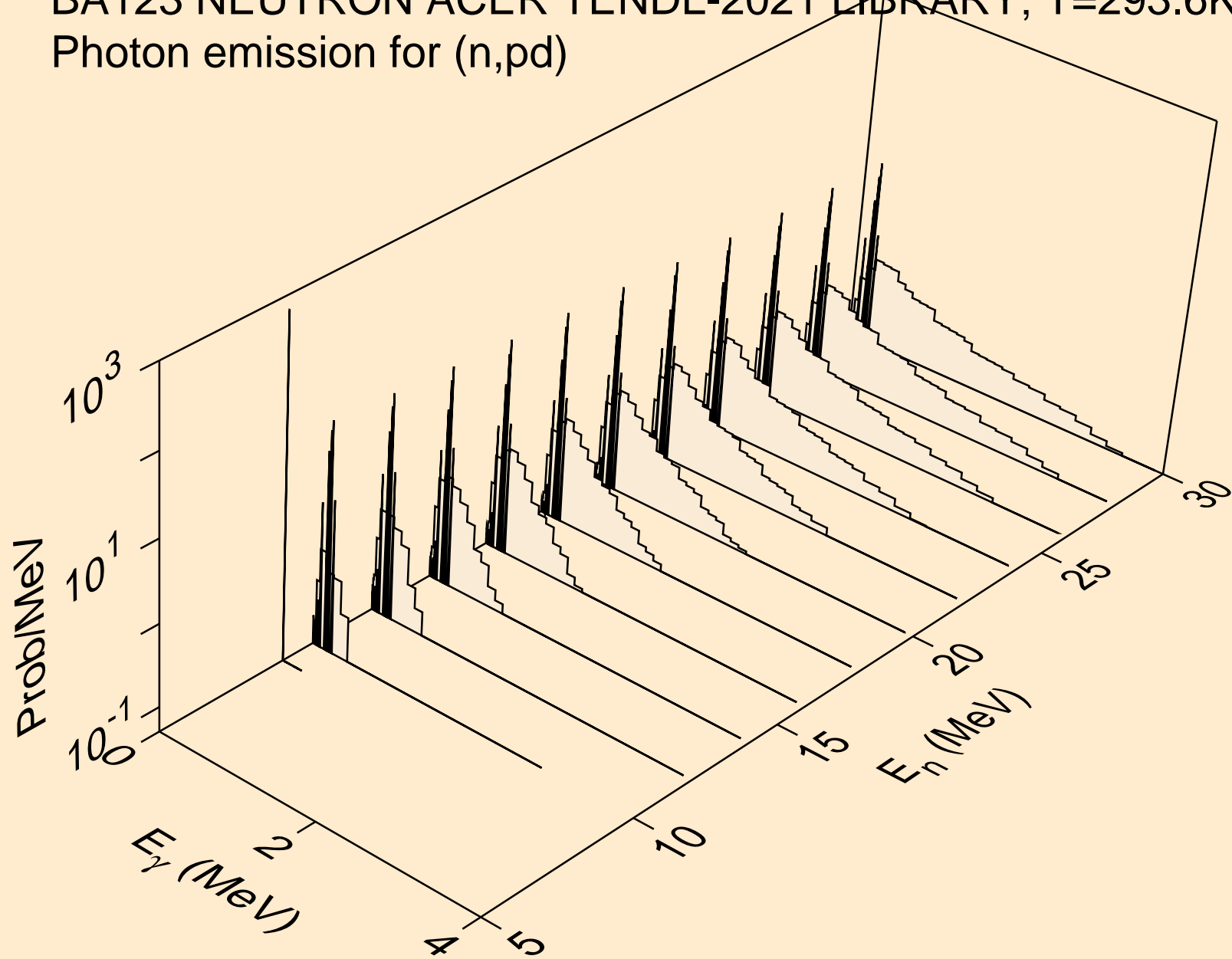
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

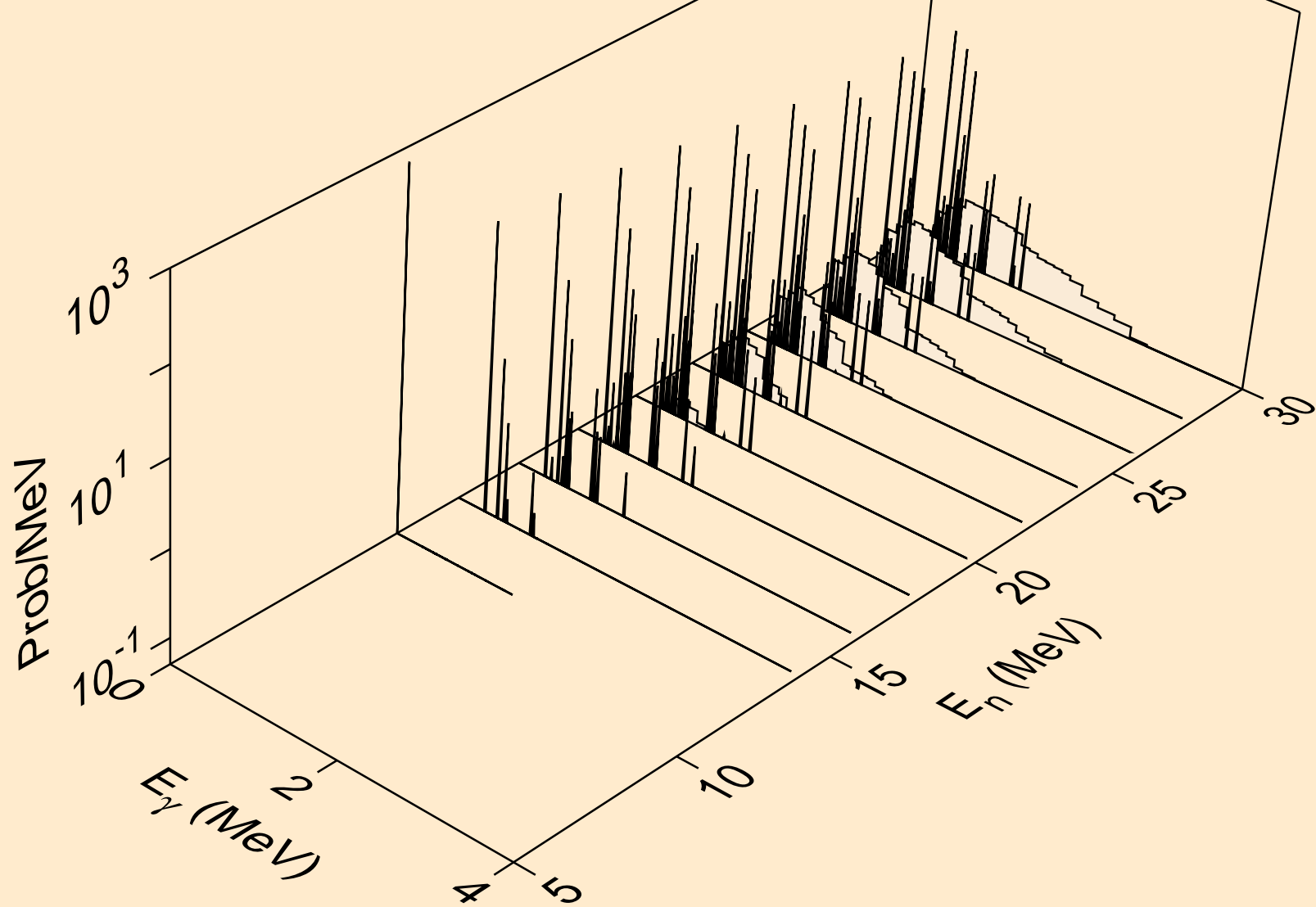


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

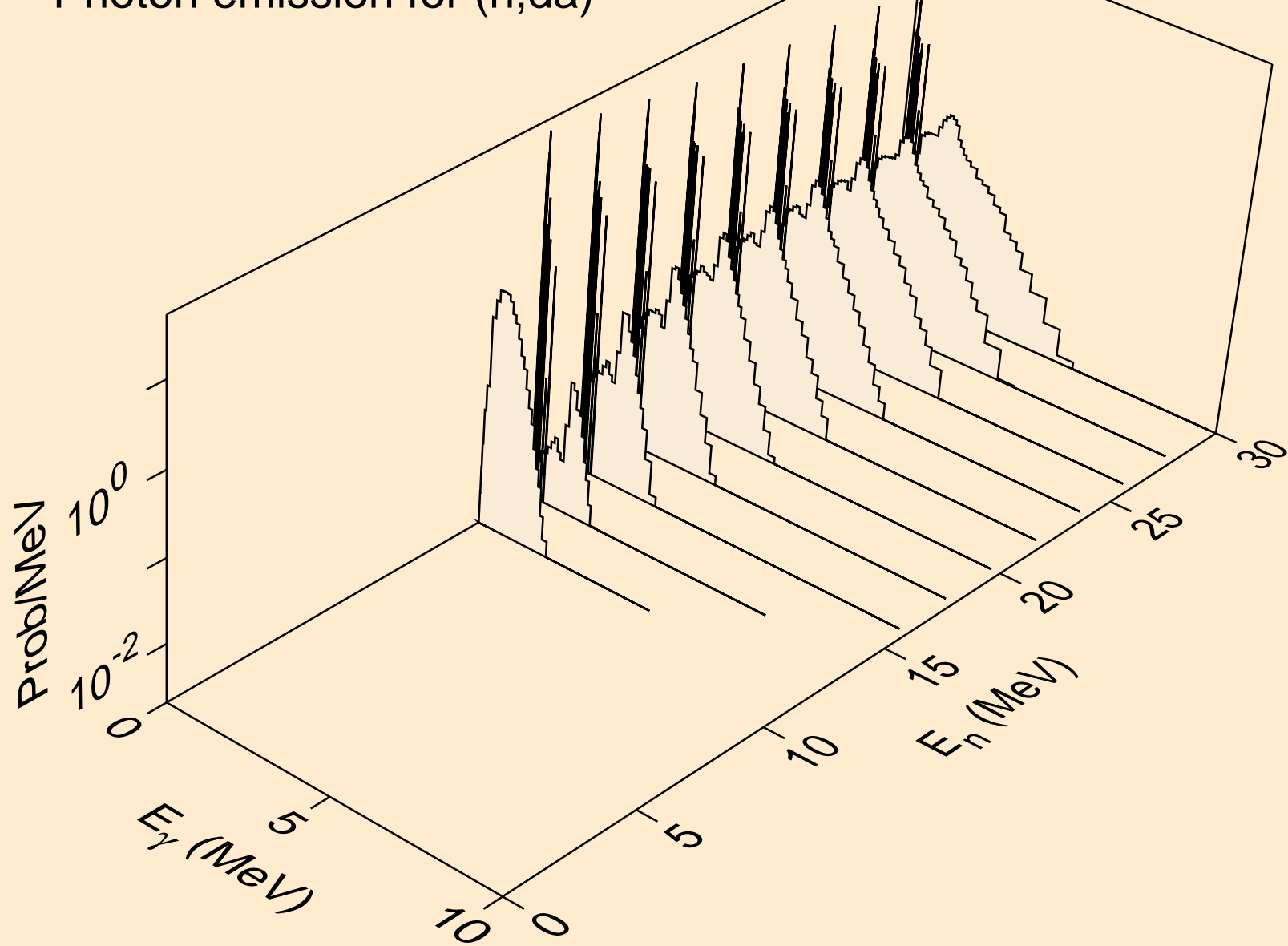




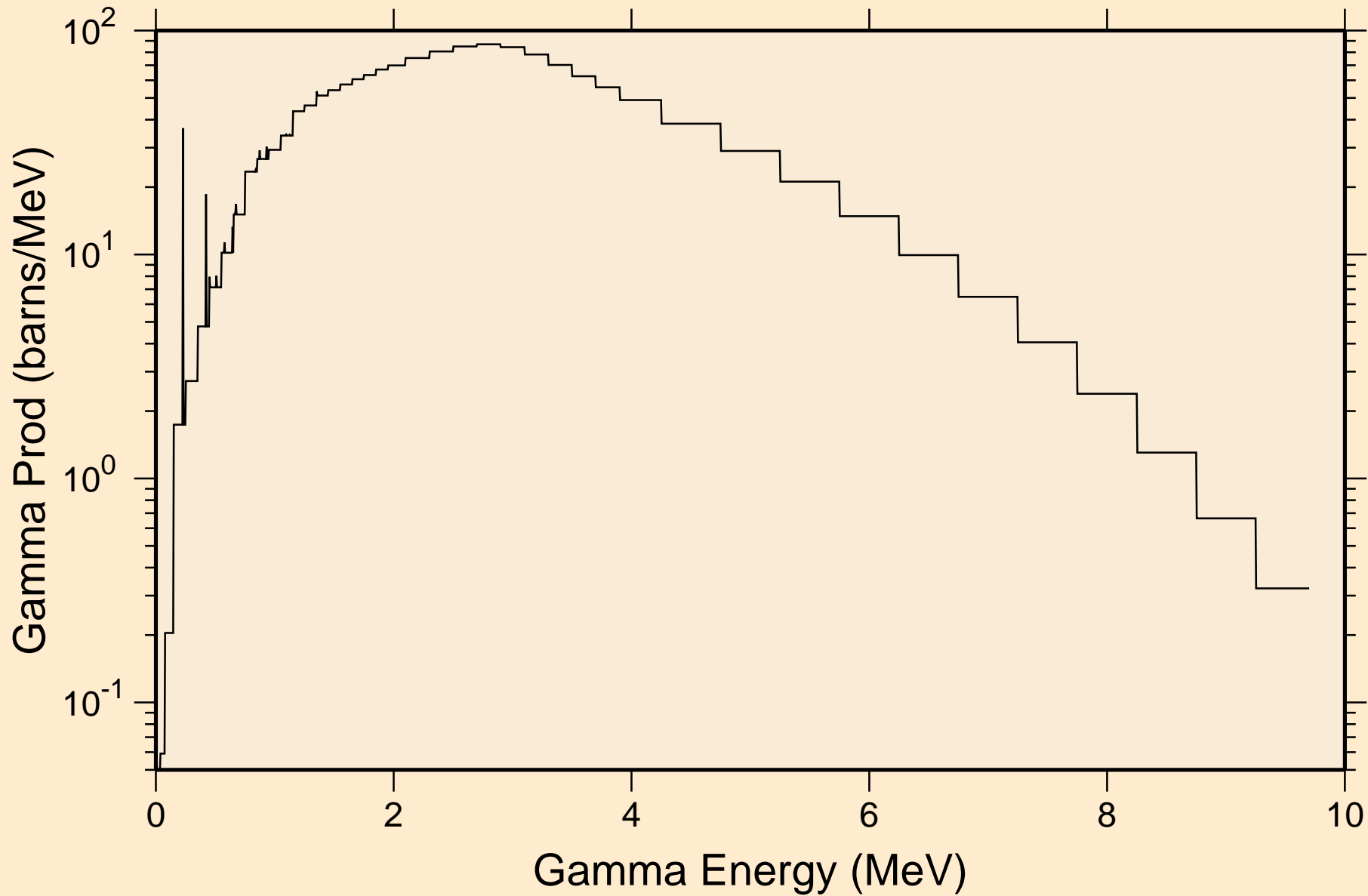
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Photon emission for (n,pt)



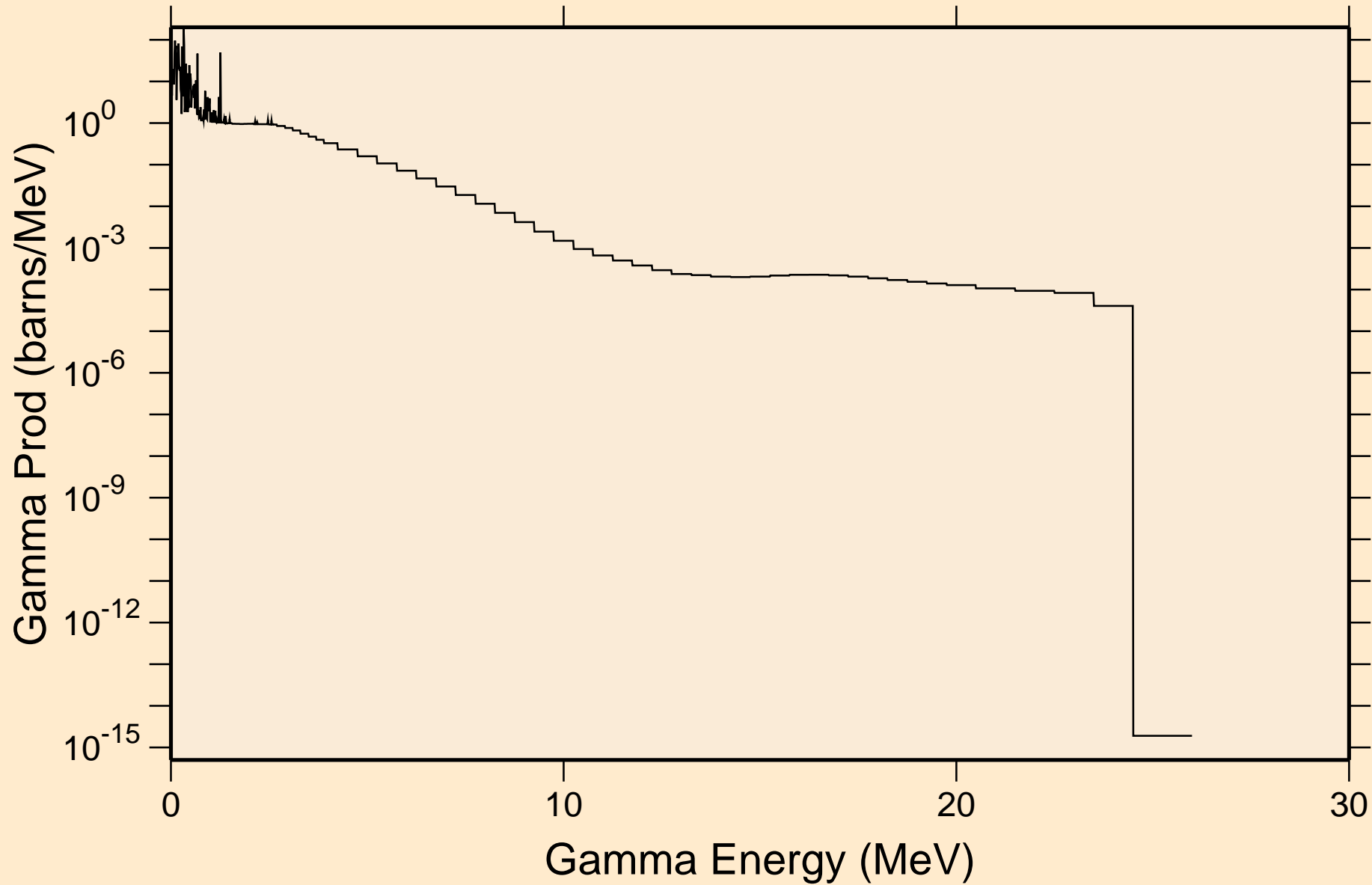
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Photon emission for (n,da)



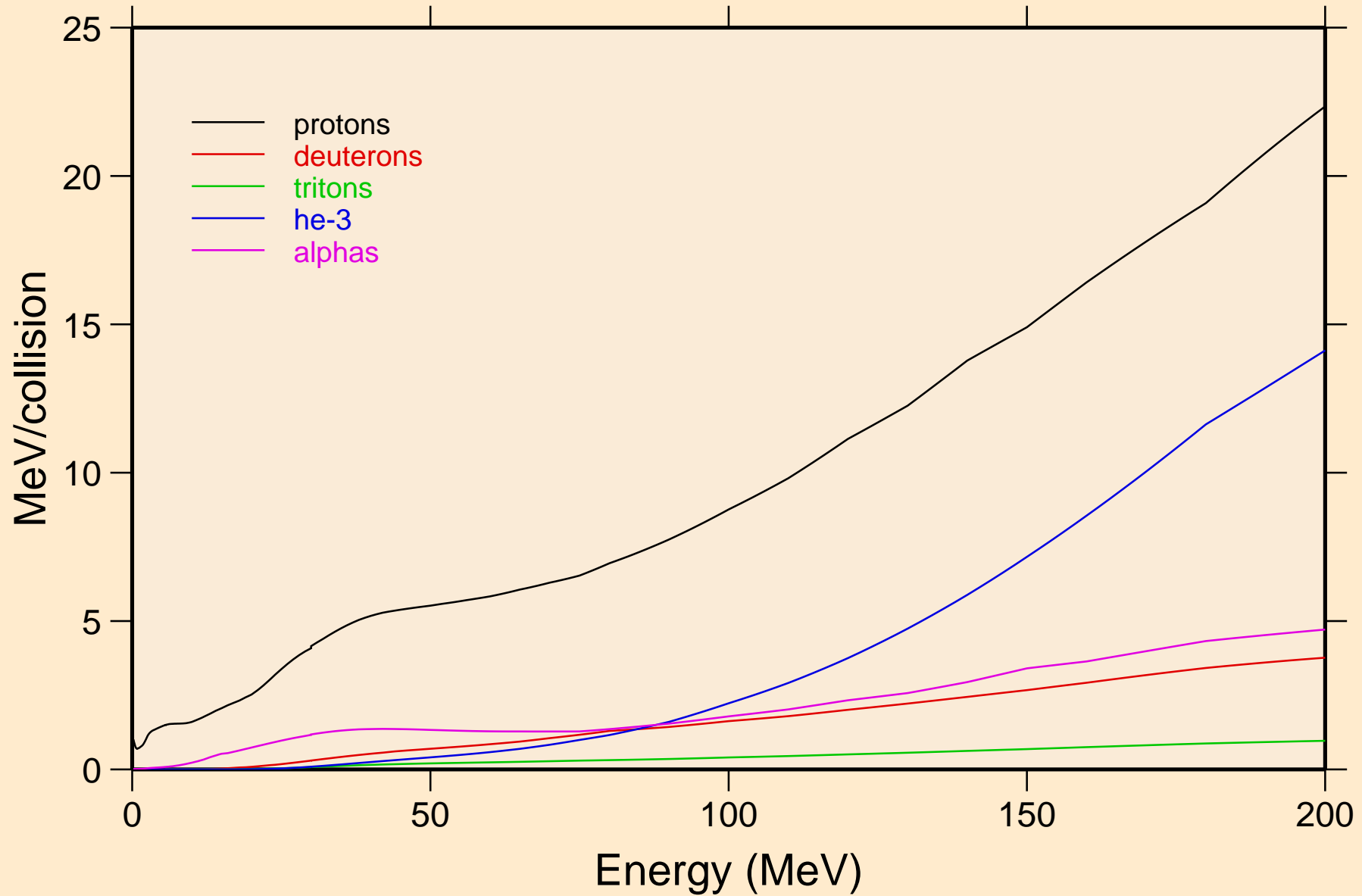
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



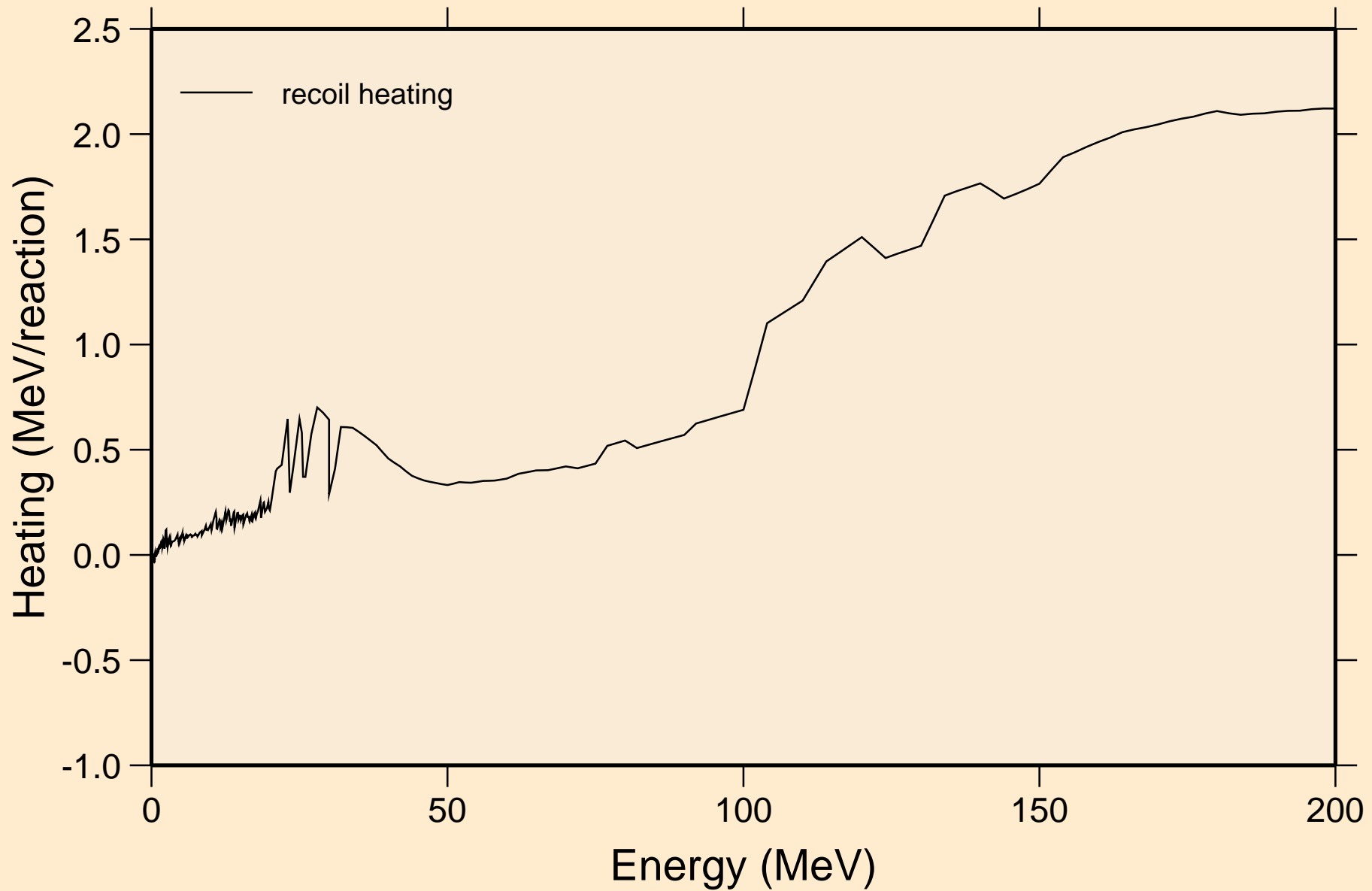
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions

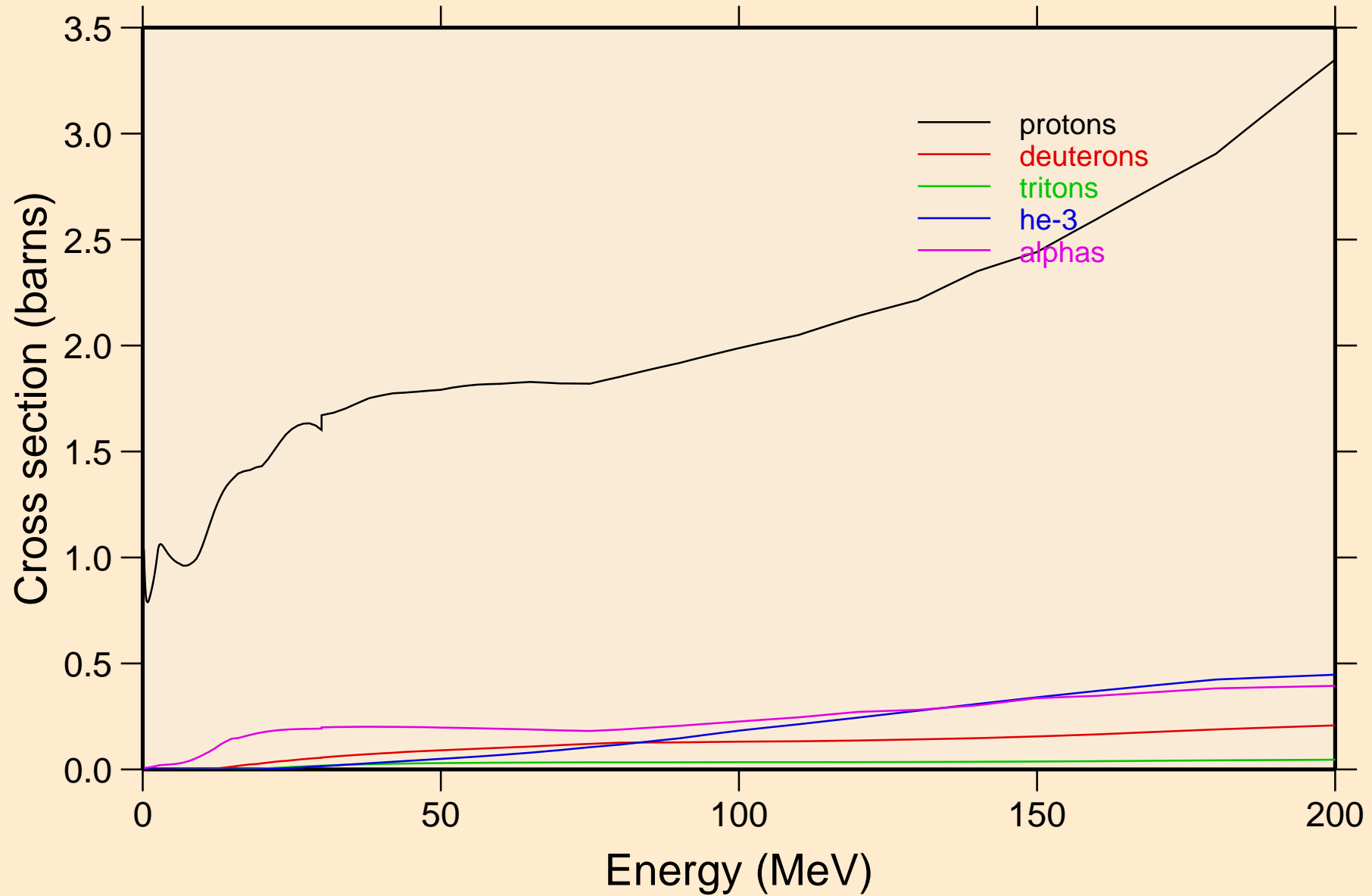


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

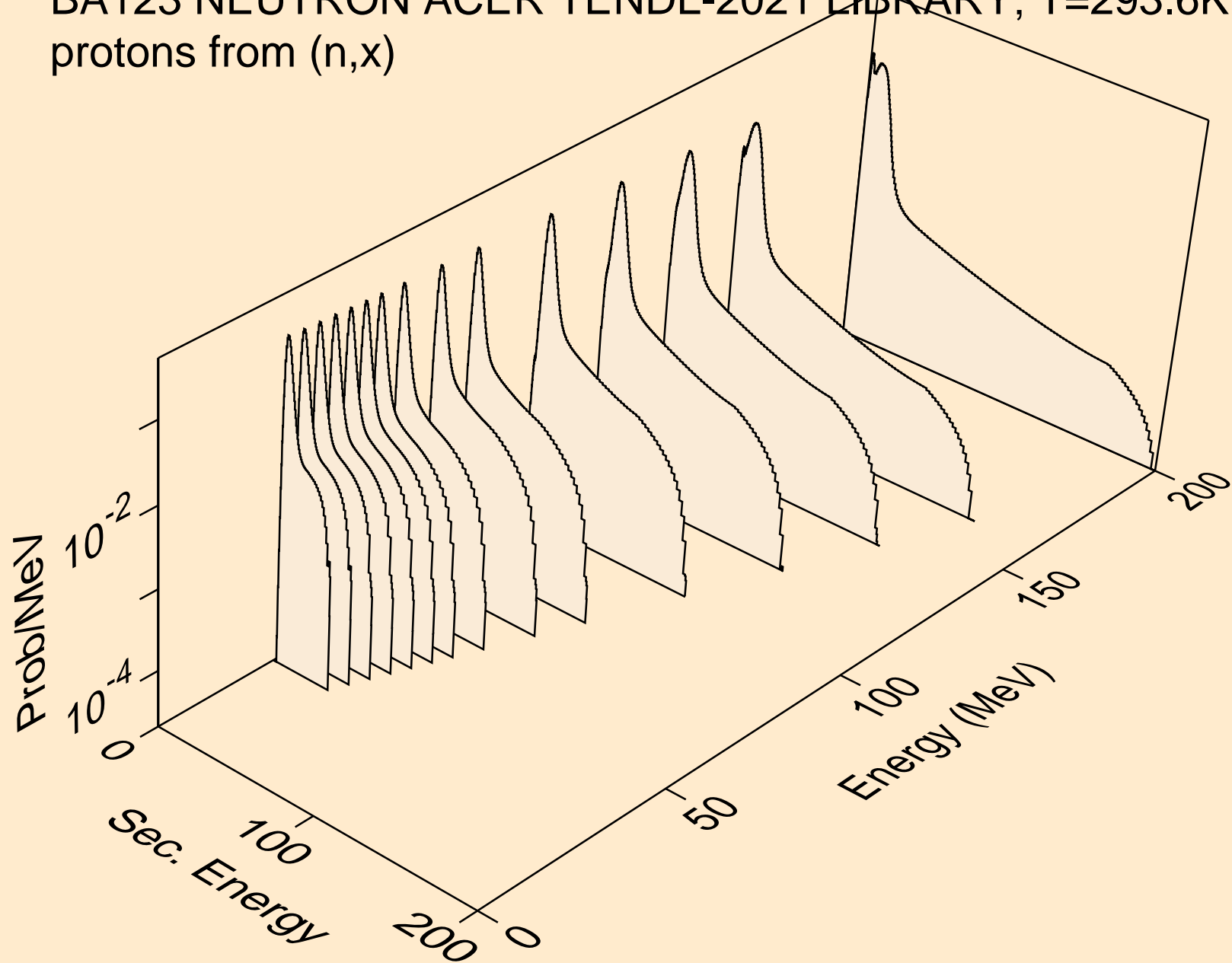


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## Particle production cross sections

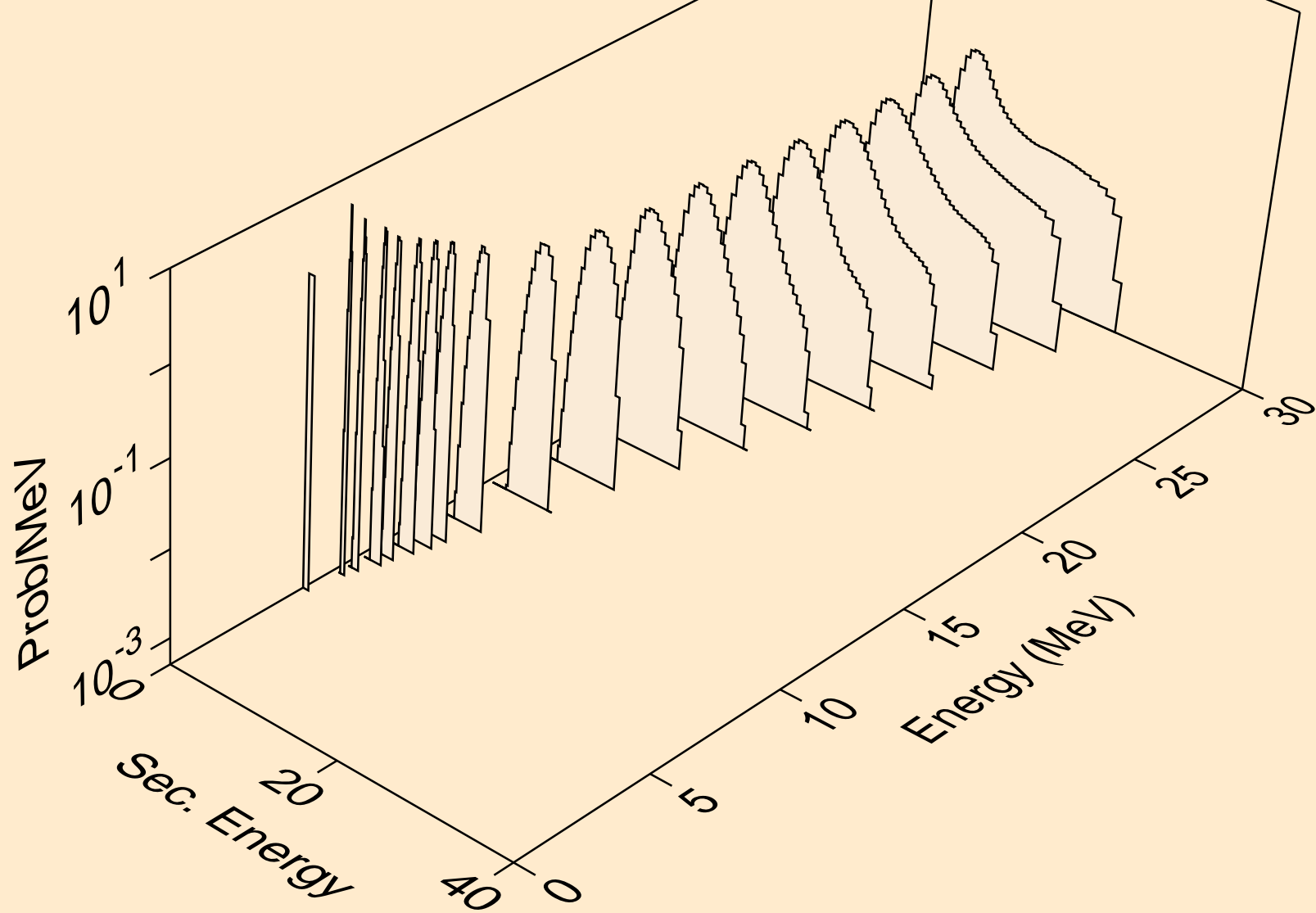


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

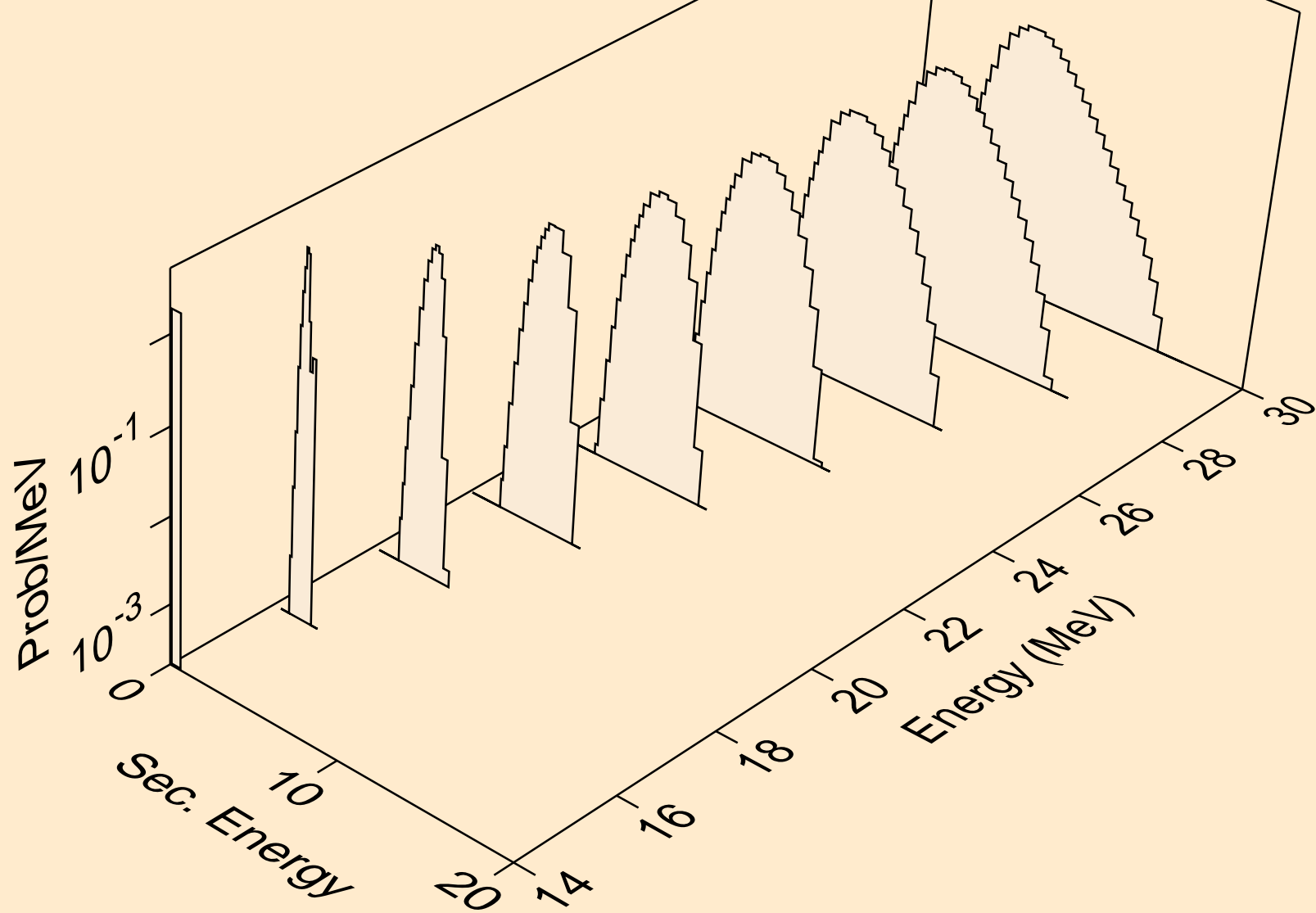




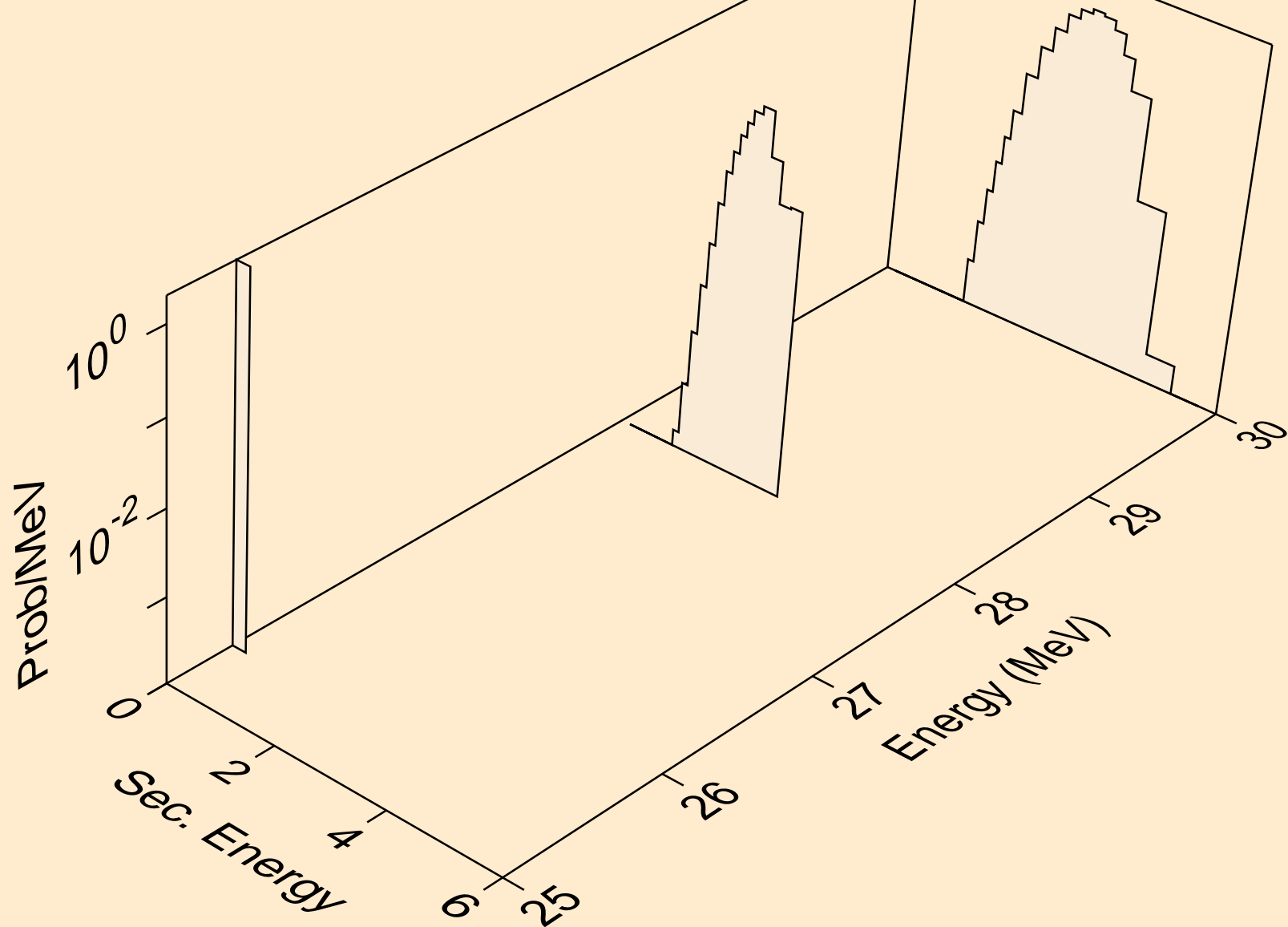
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



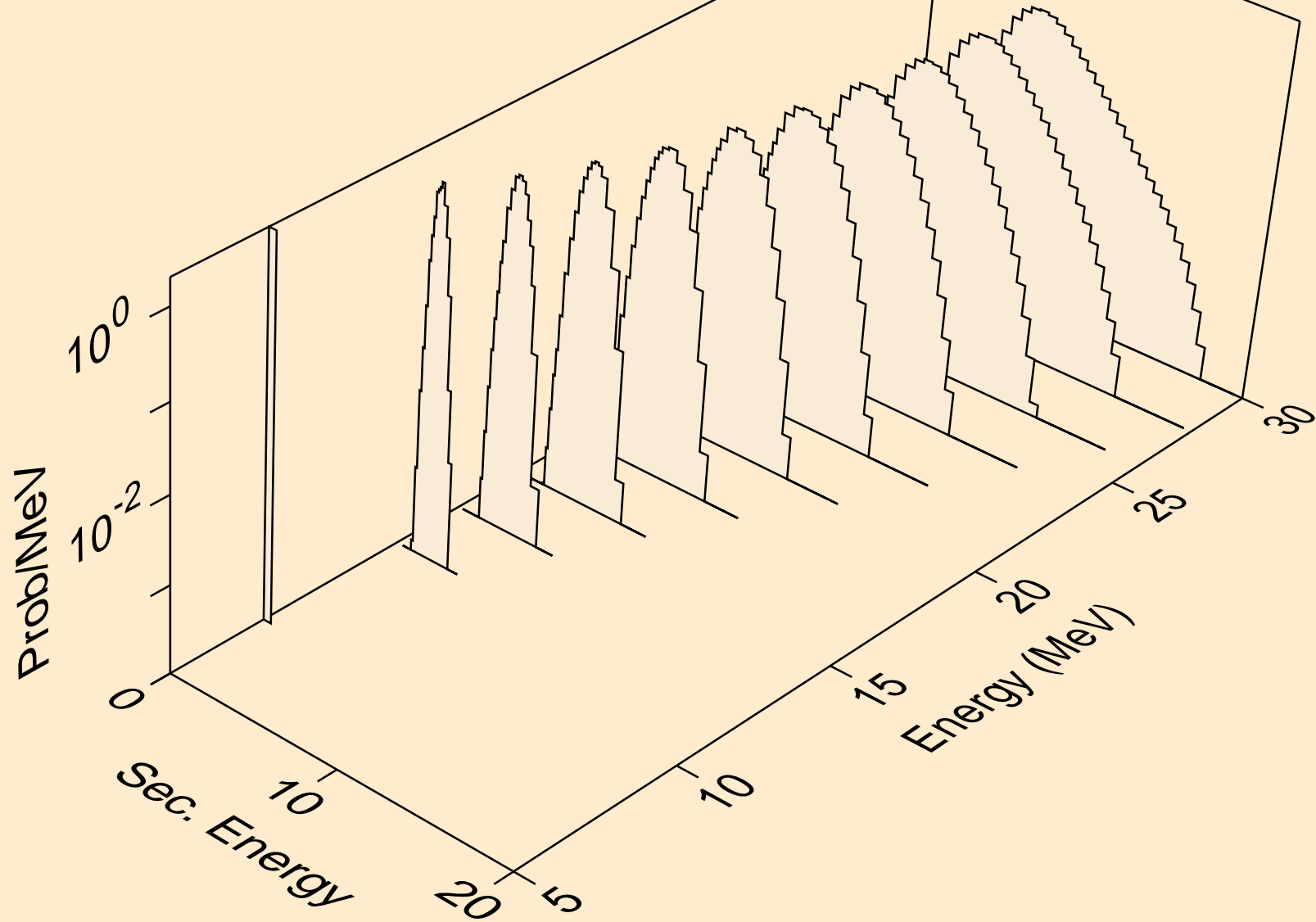
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



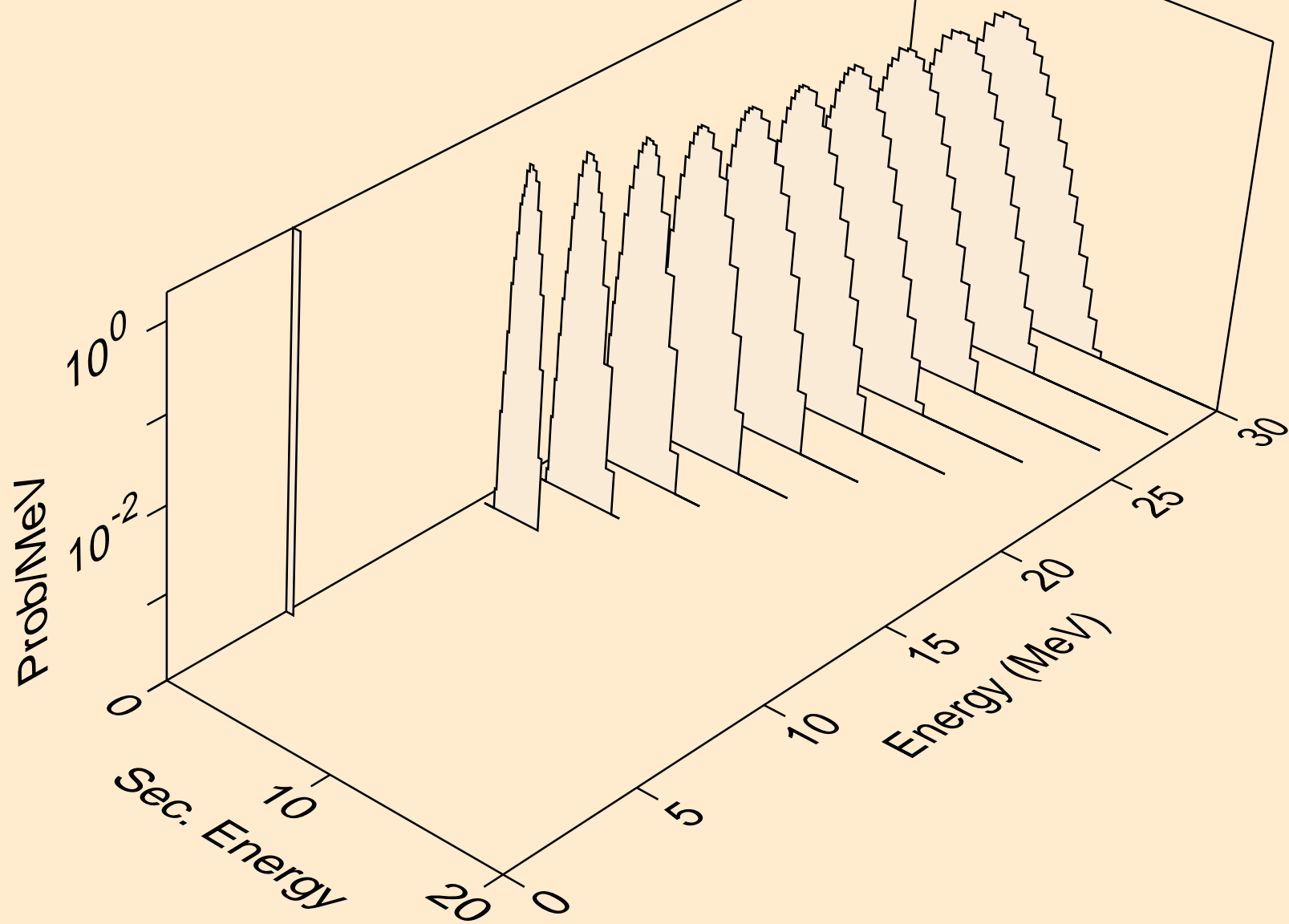
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protons from (n,3np)



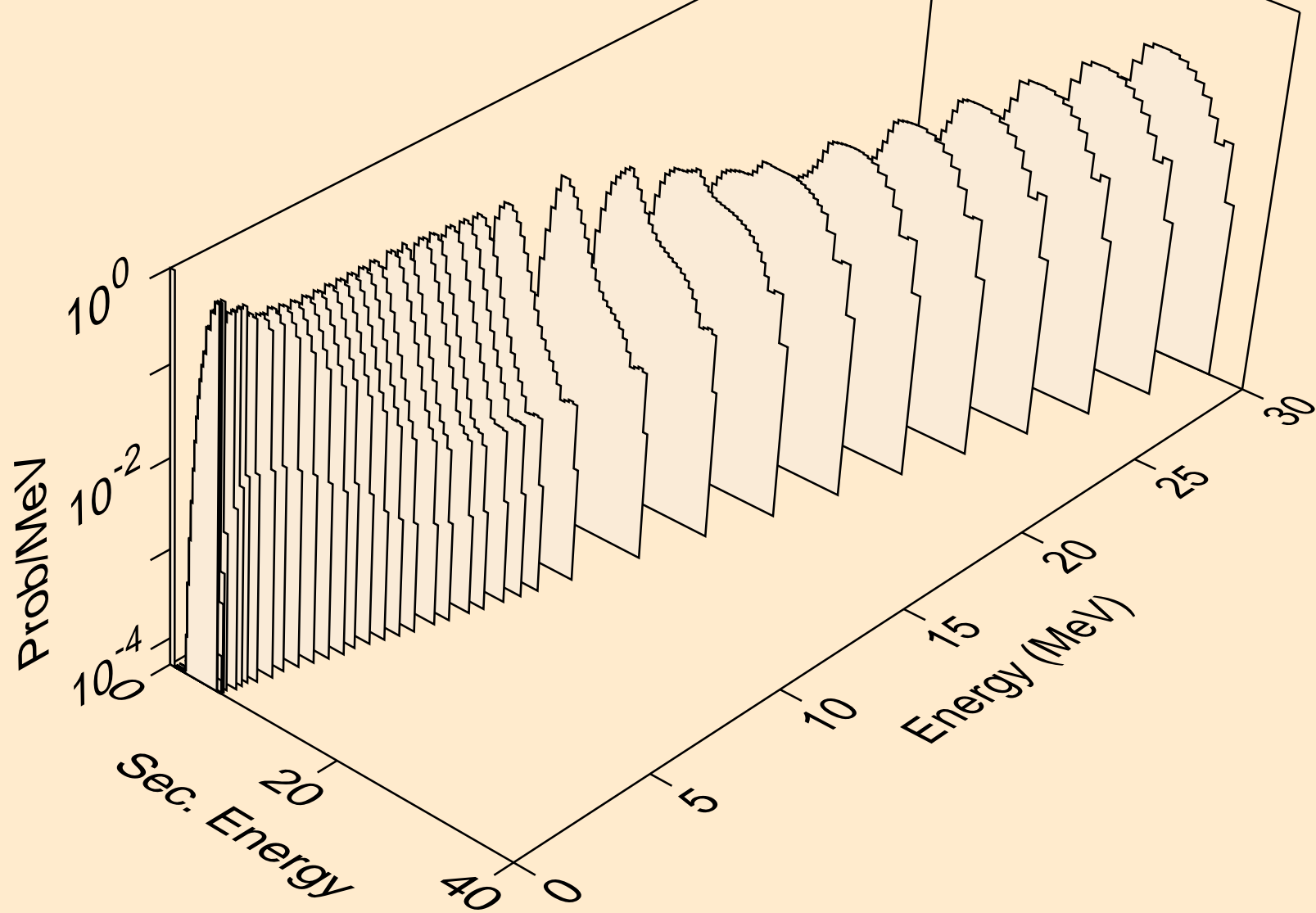
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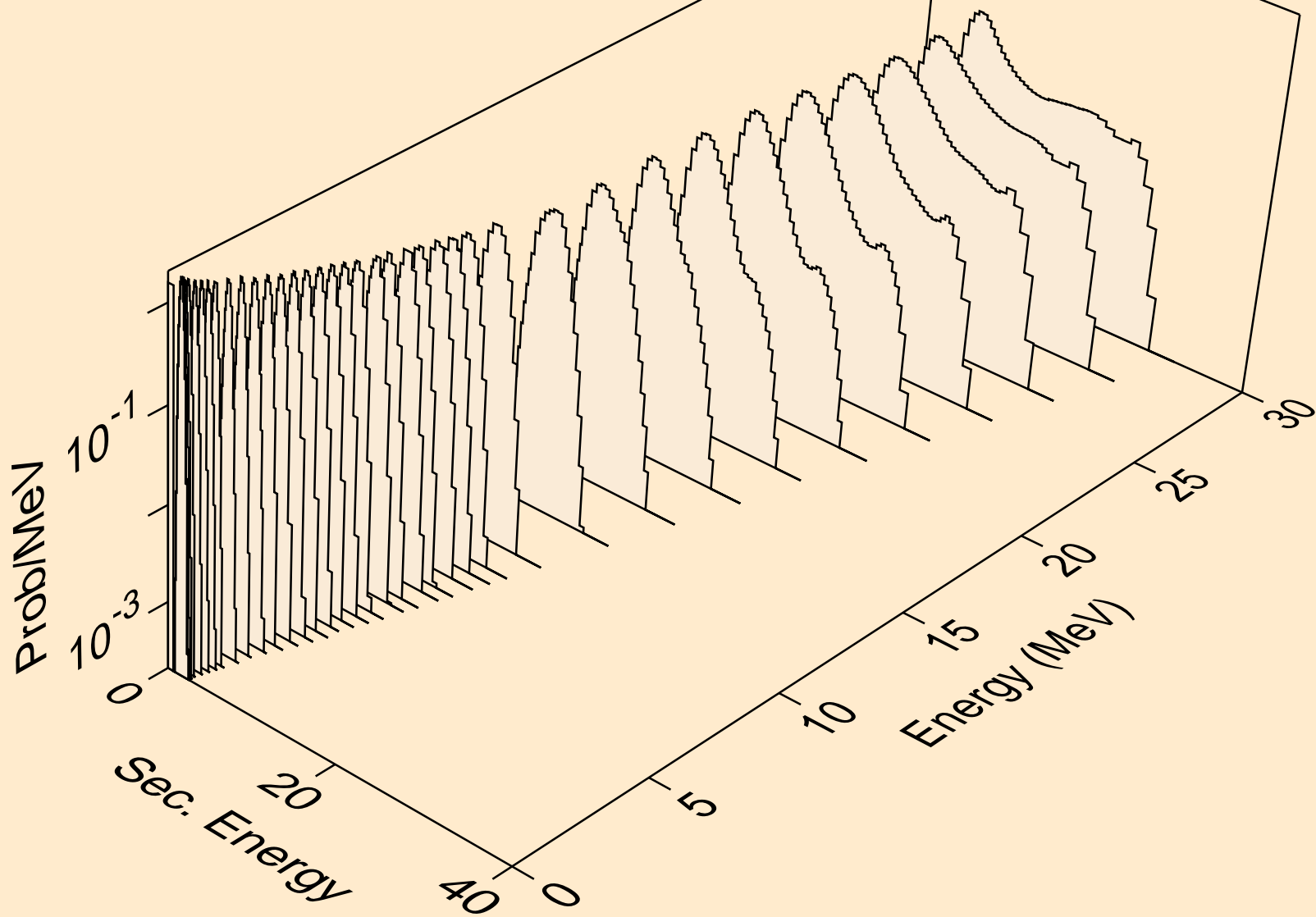
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protons from (n,npa)



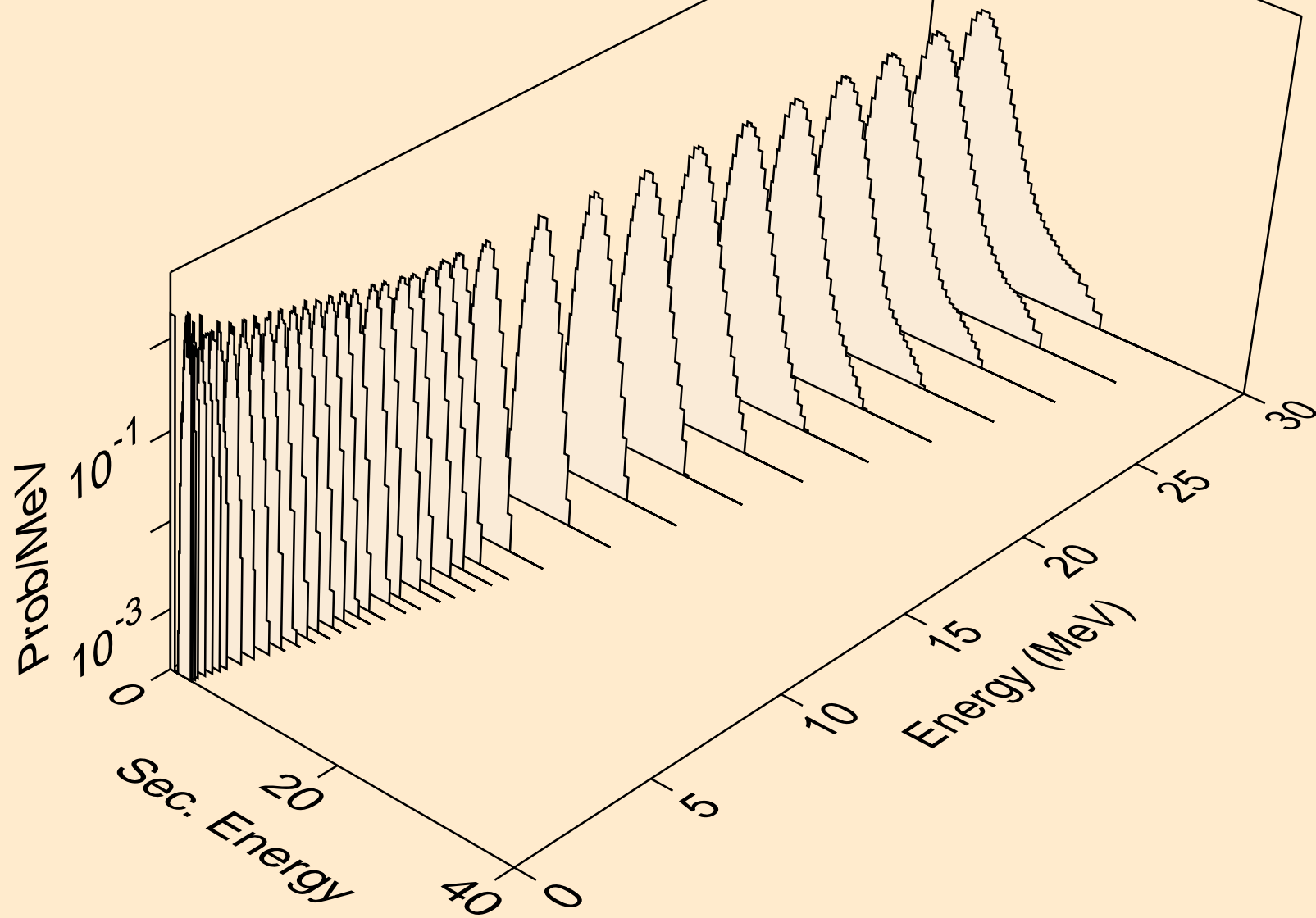
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protons from (n,p)



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

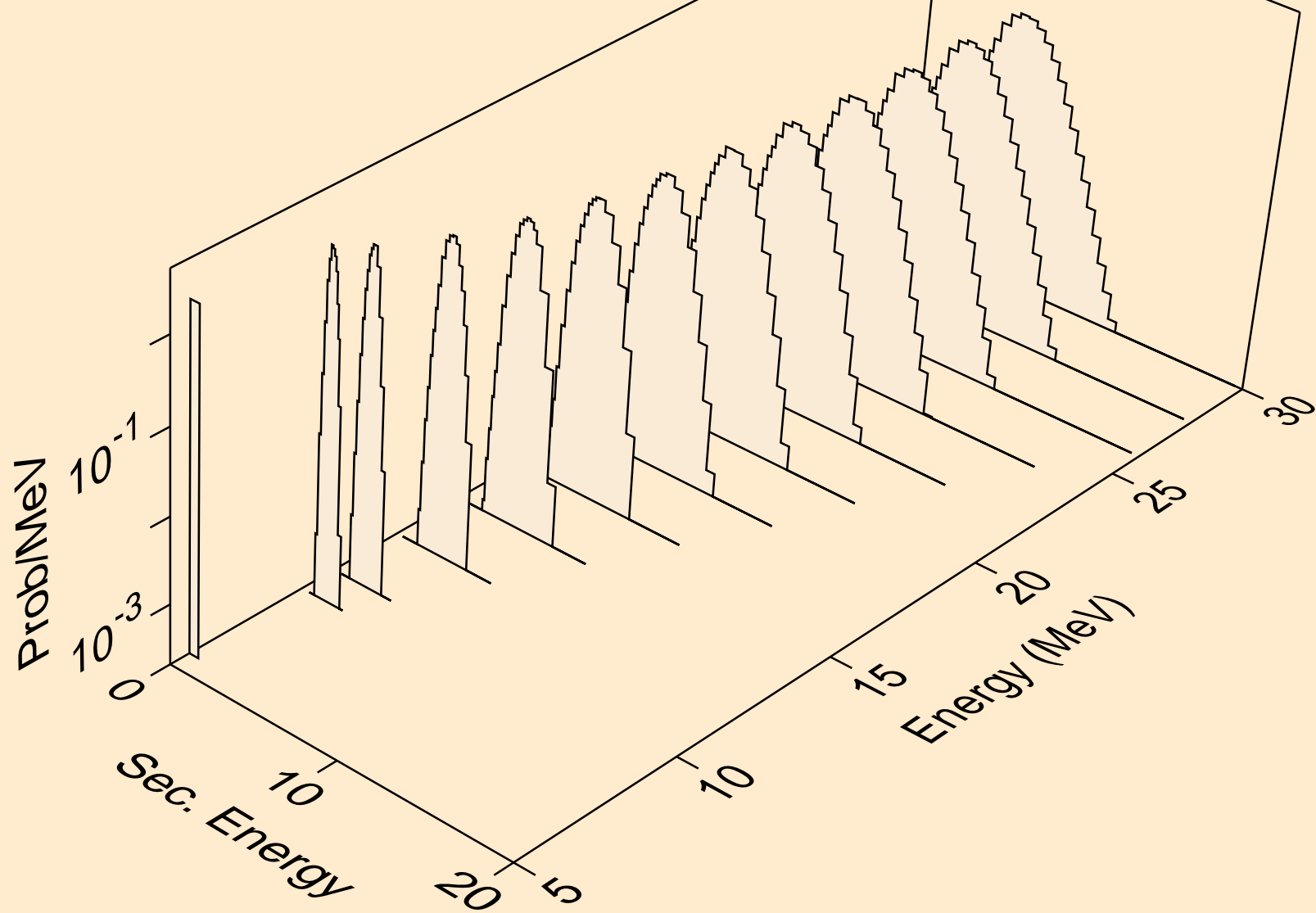


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protons from (n,p)

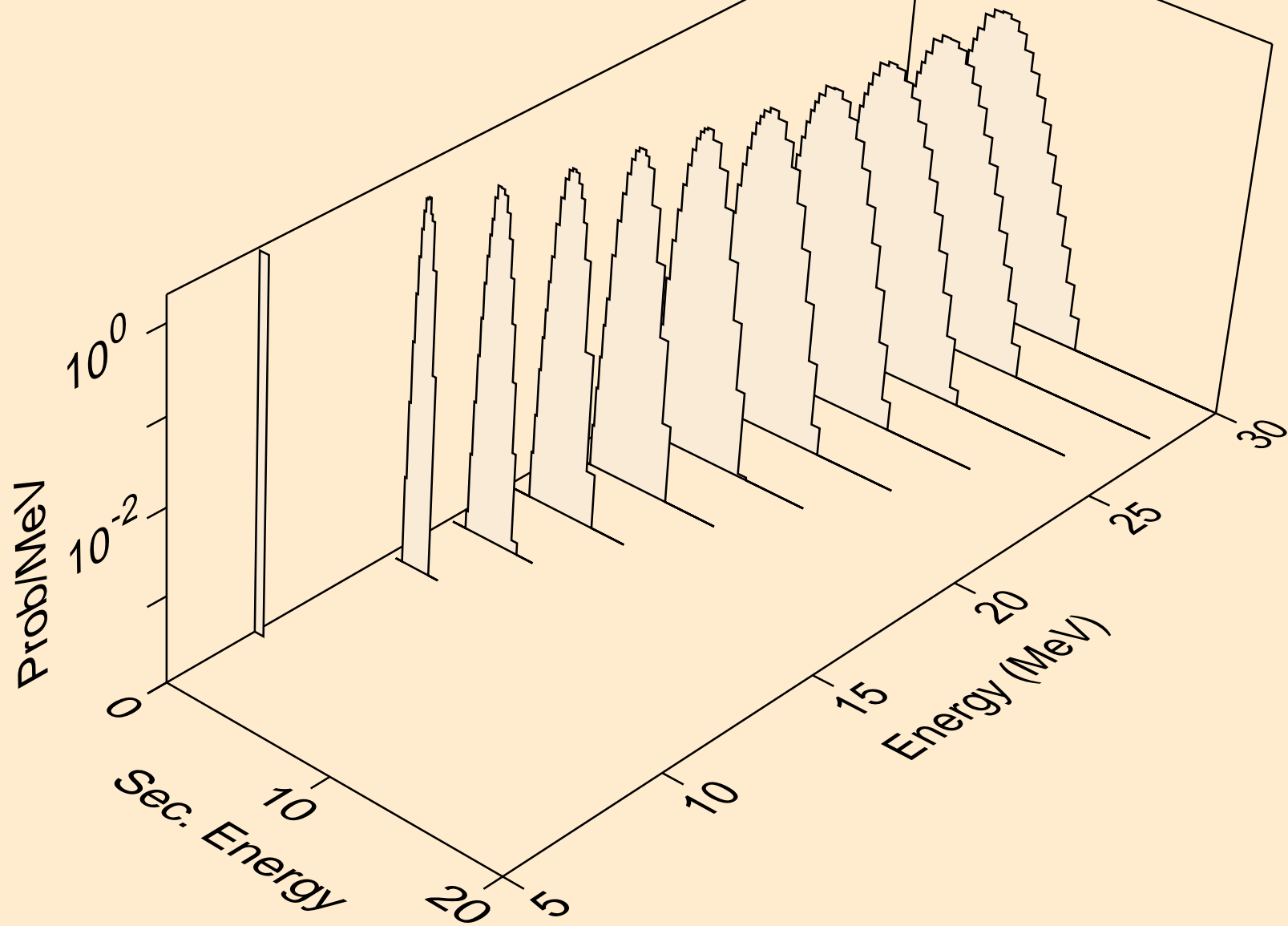




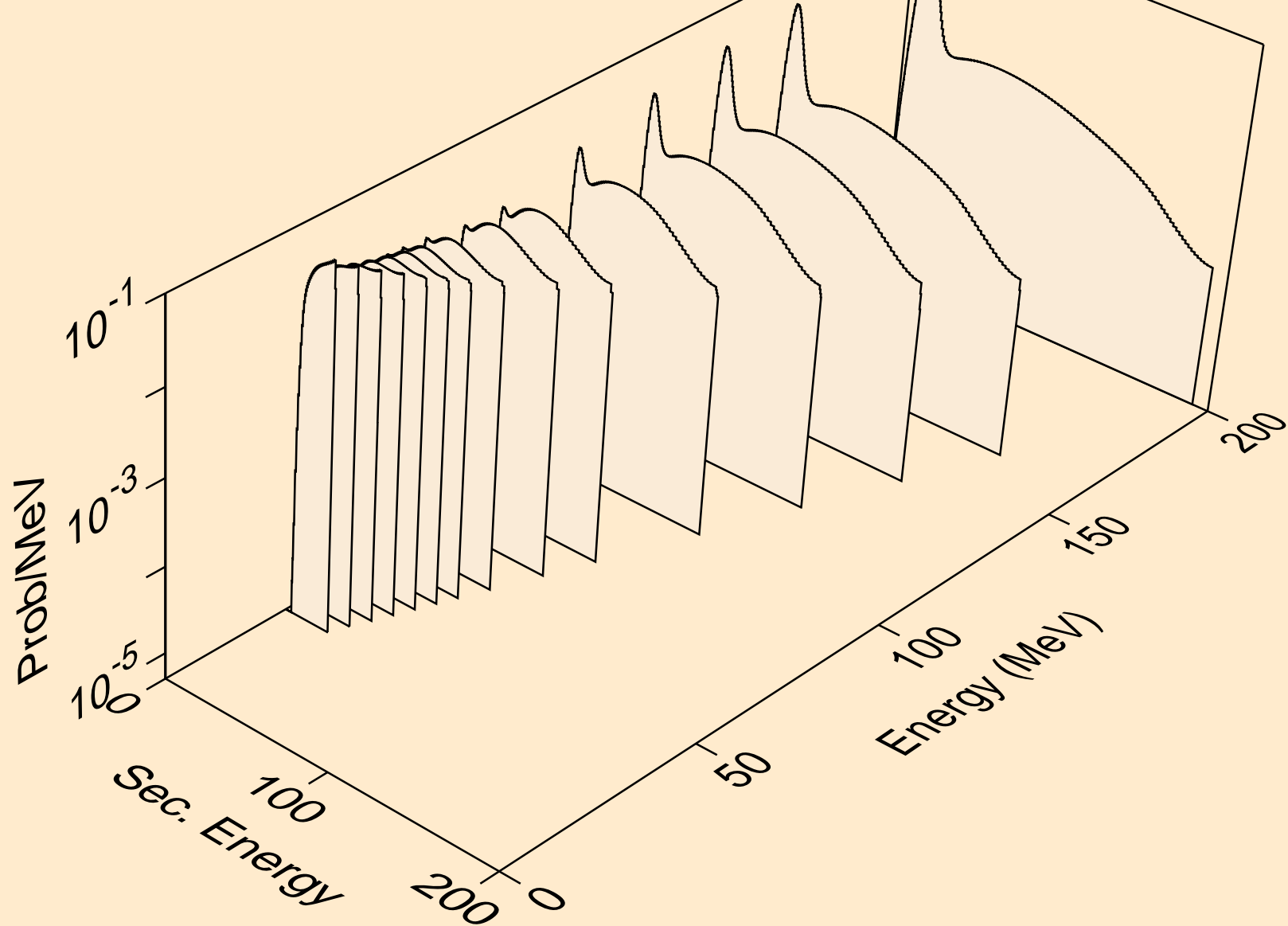
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protons from (n,pd)



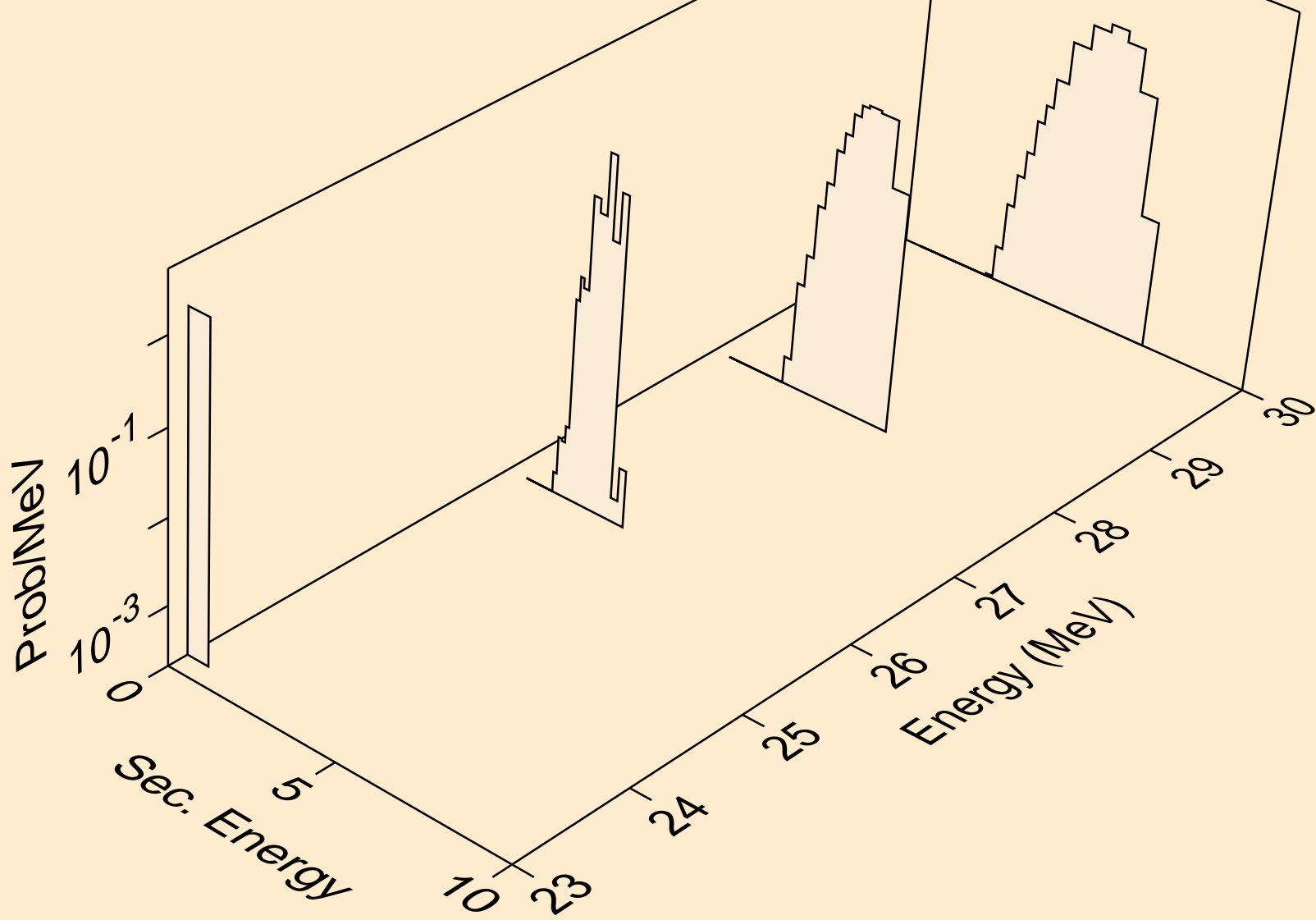
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protons from (n,pt)



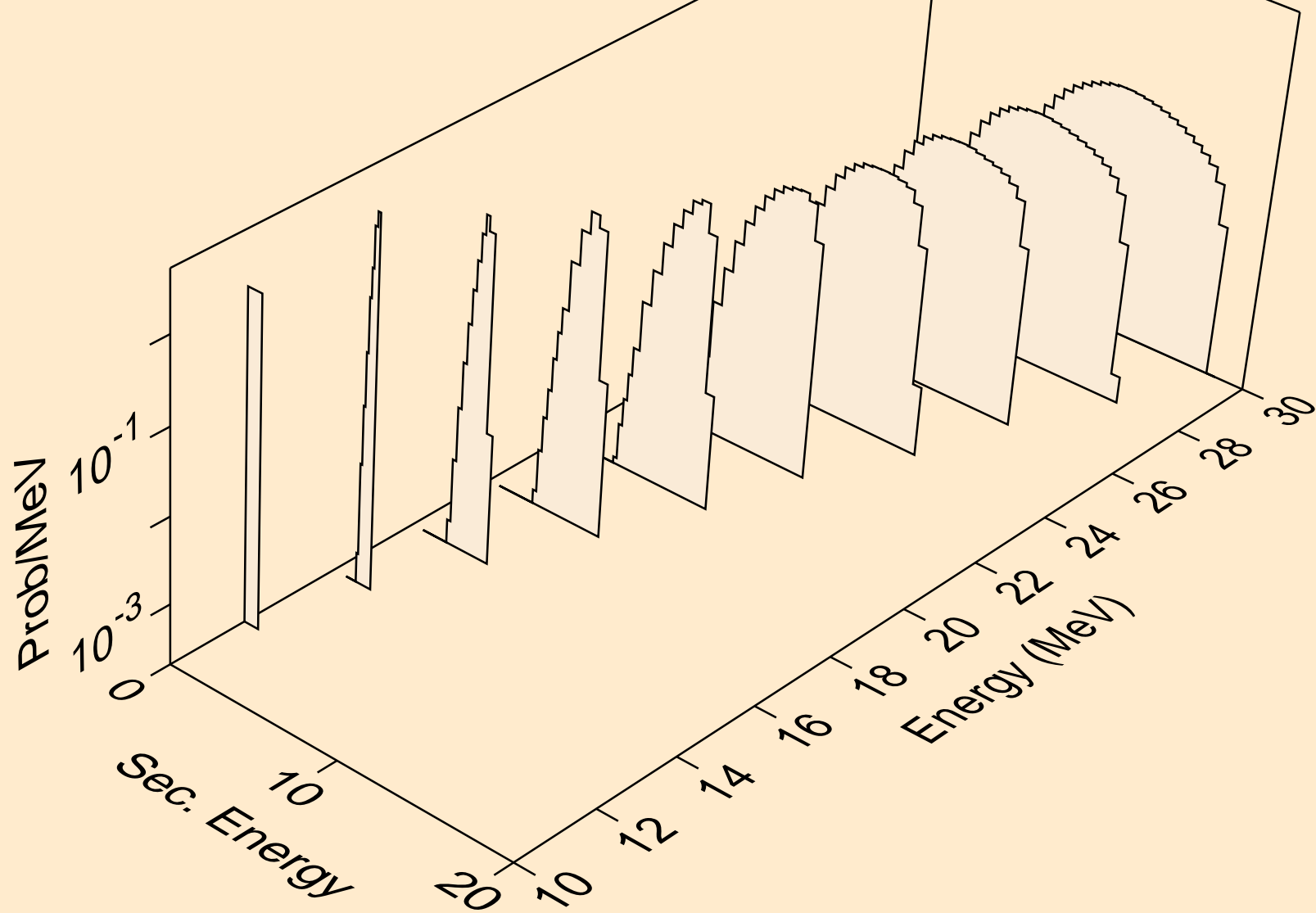
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deuterons from (n,x)



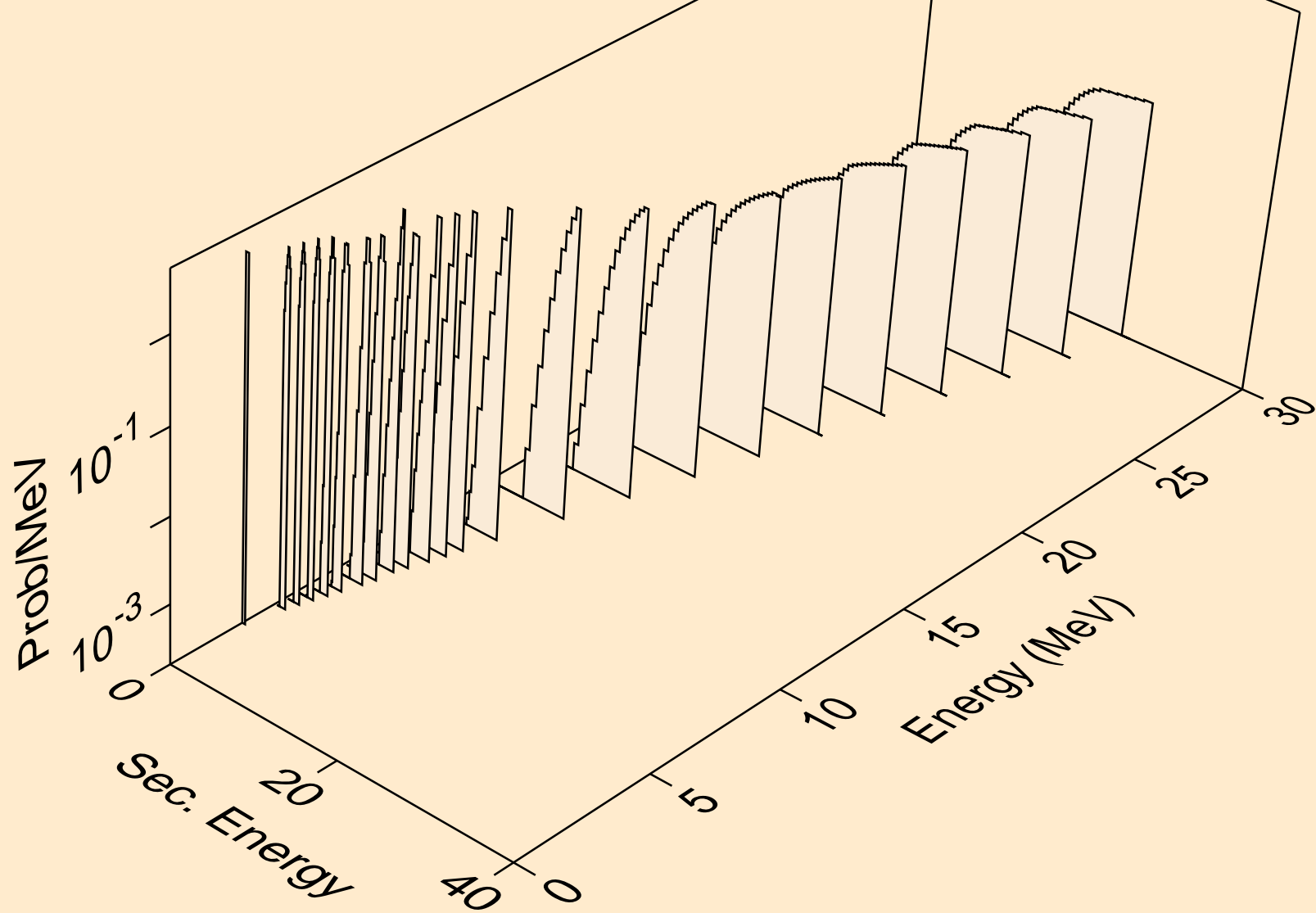
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deuterons from (n,2nd)



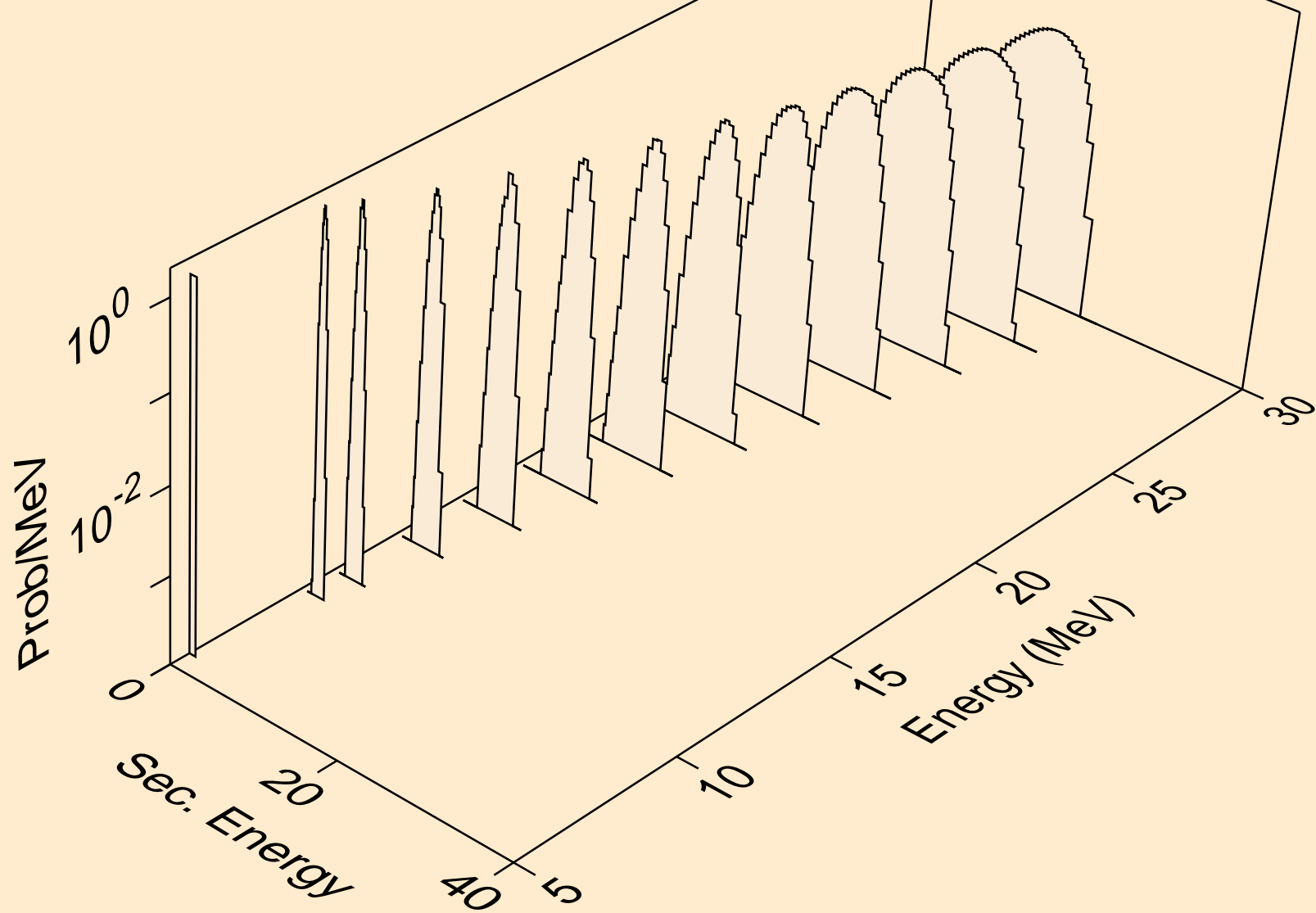
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deuterons from (n,n\*)d



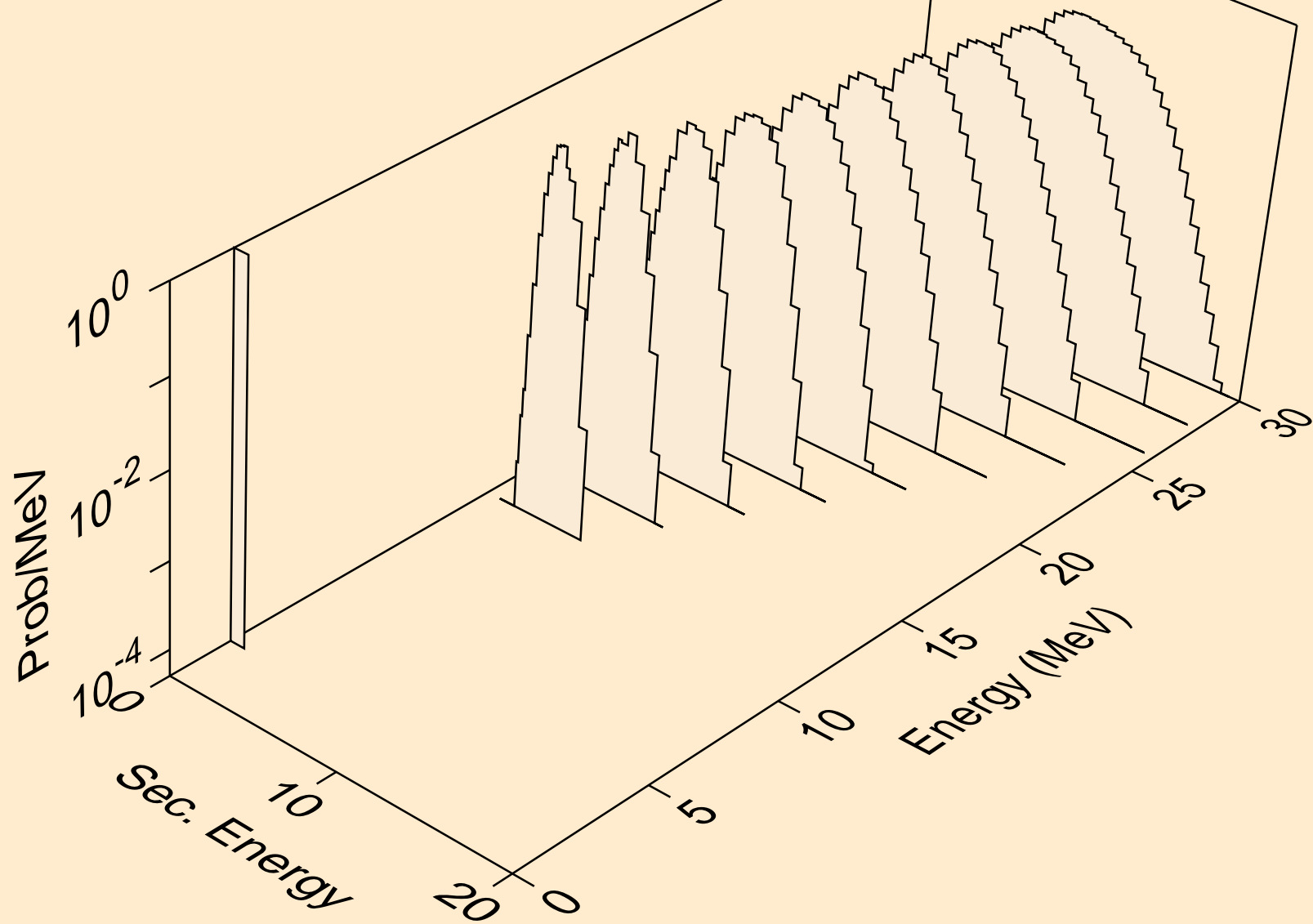
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deuterons from (n,d)



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

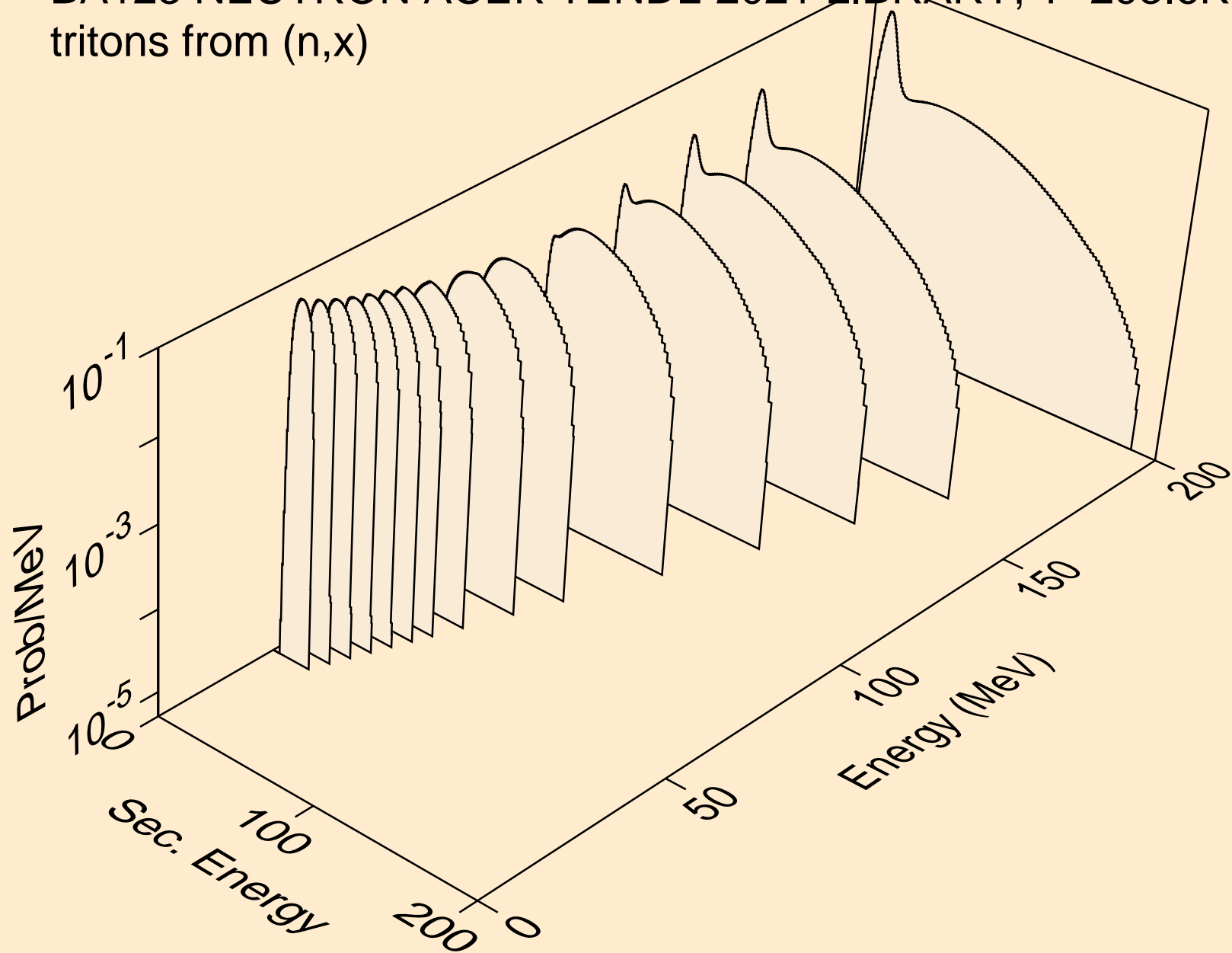


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deuterons from (n,da)

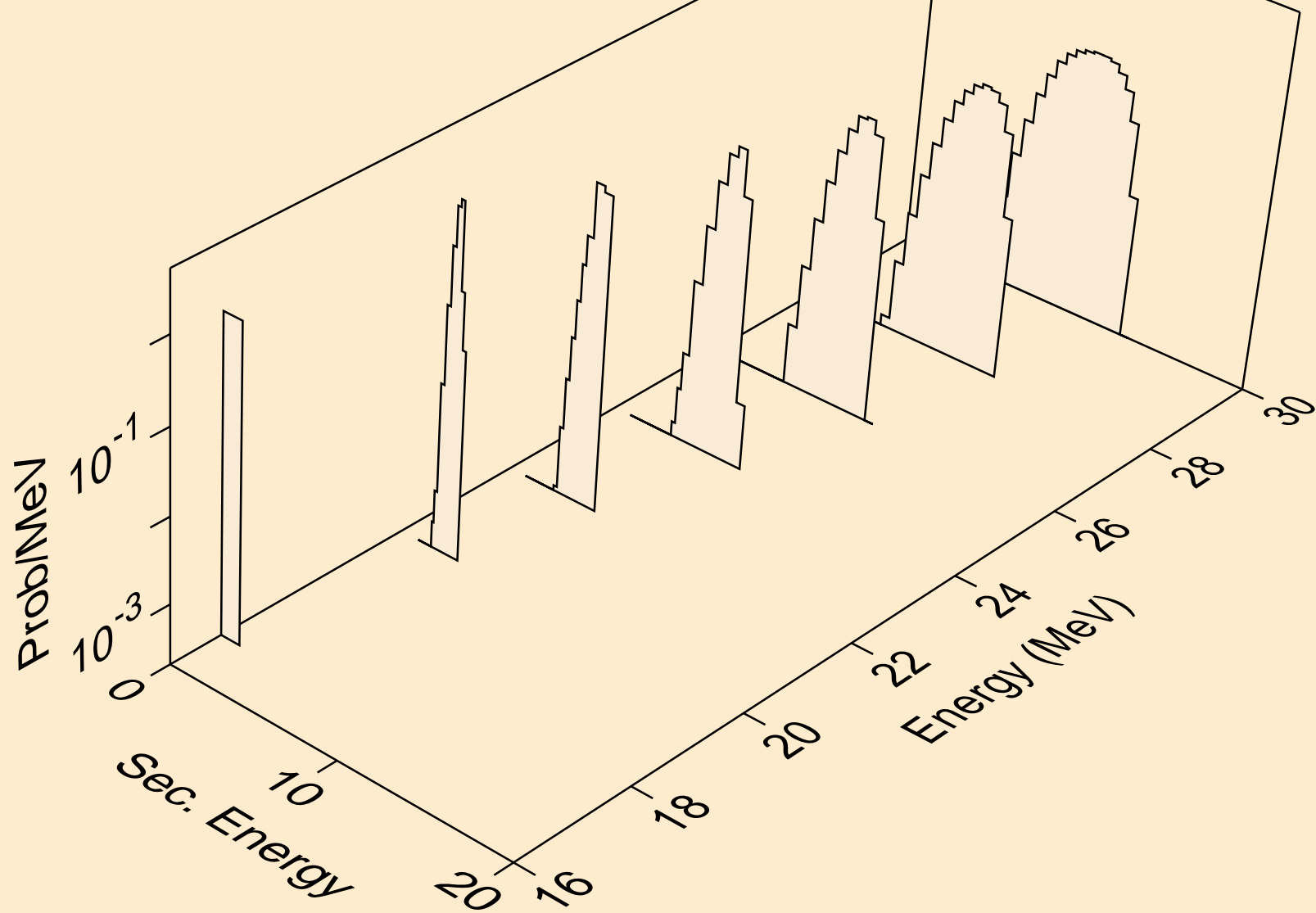




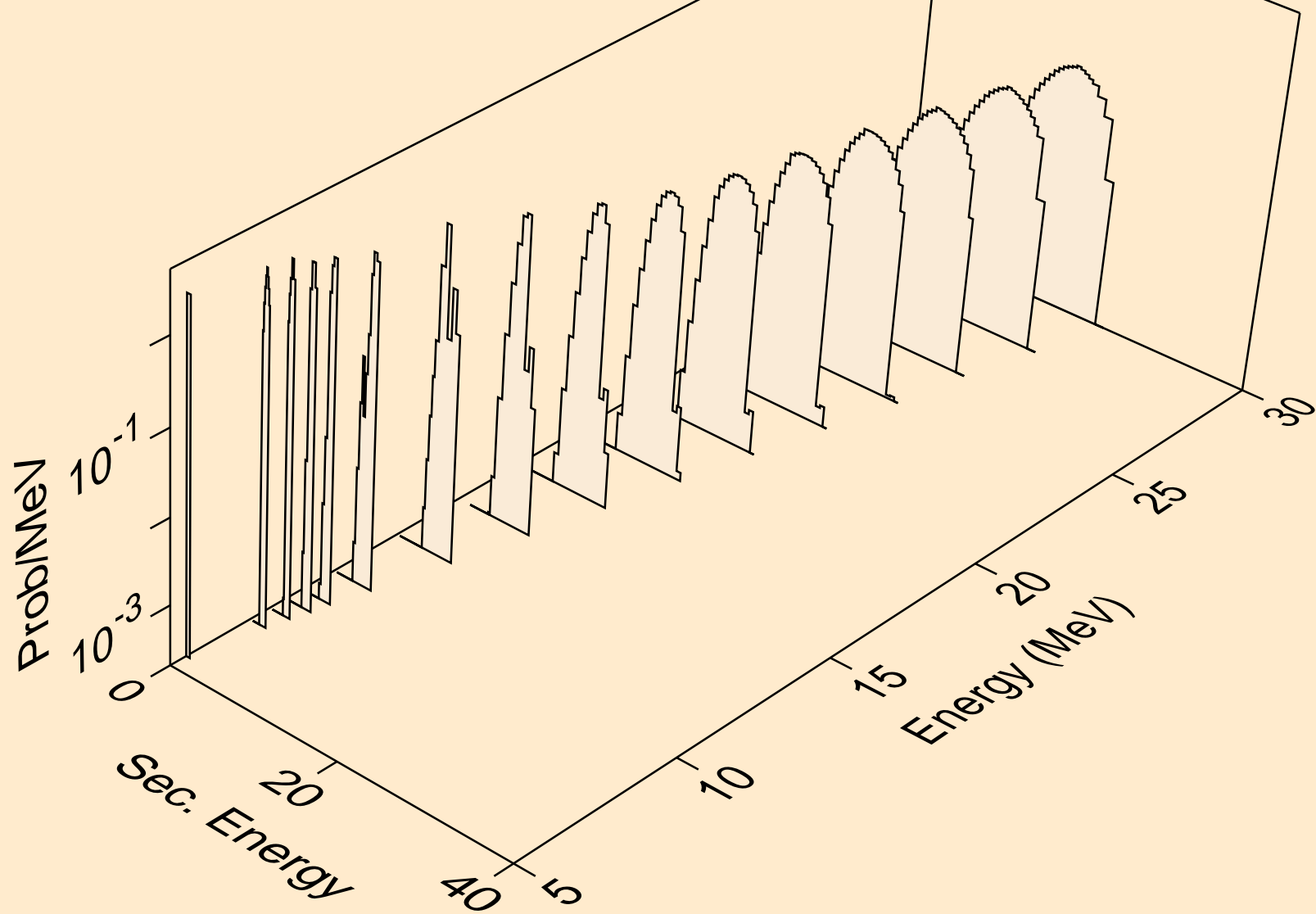
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tritons from (n,x)



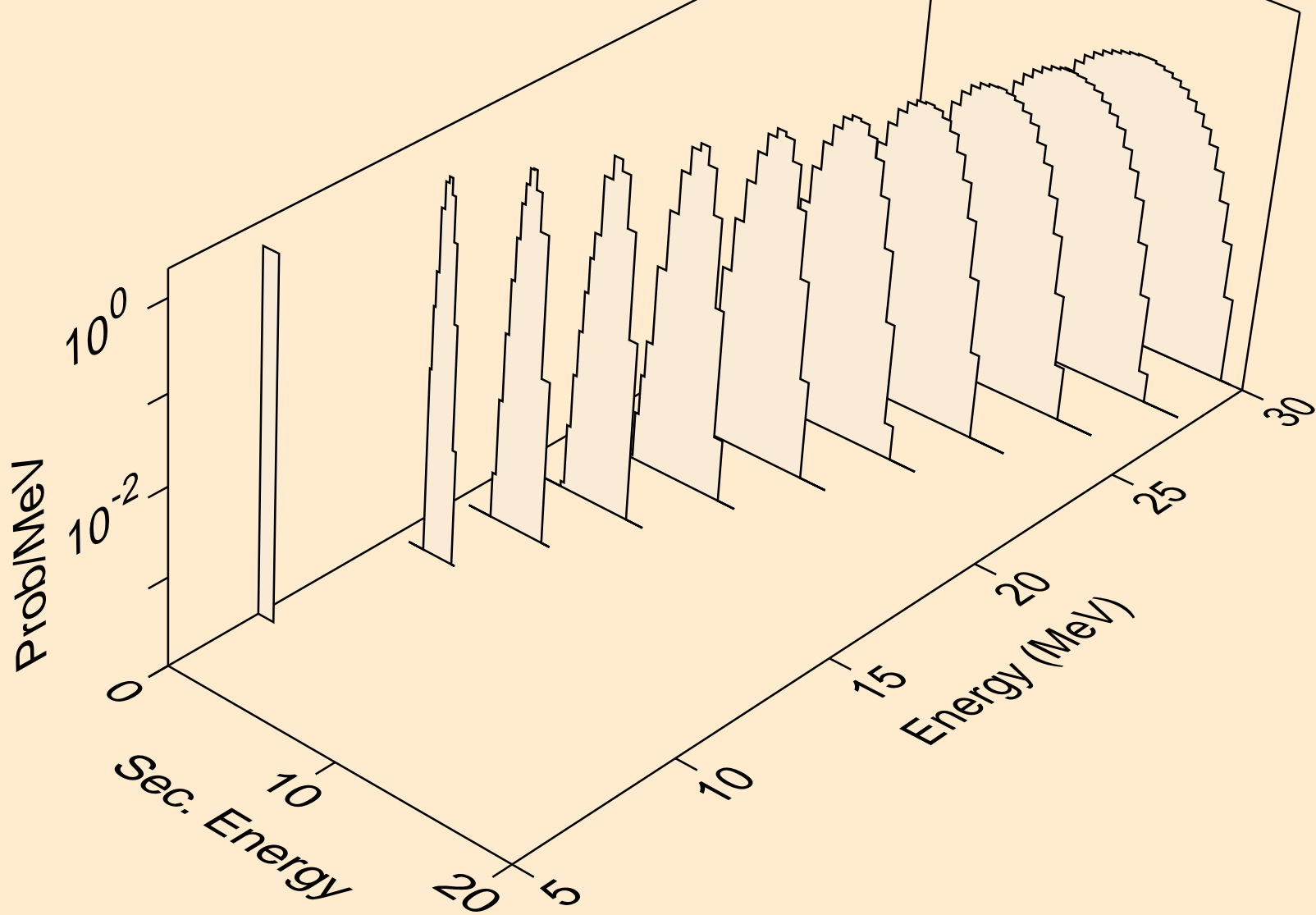
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tritons from (n,n\*)t



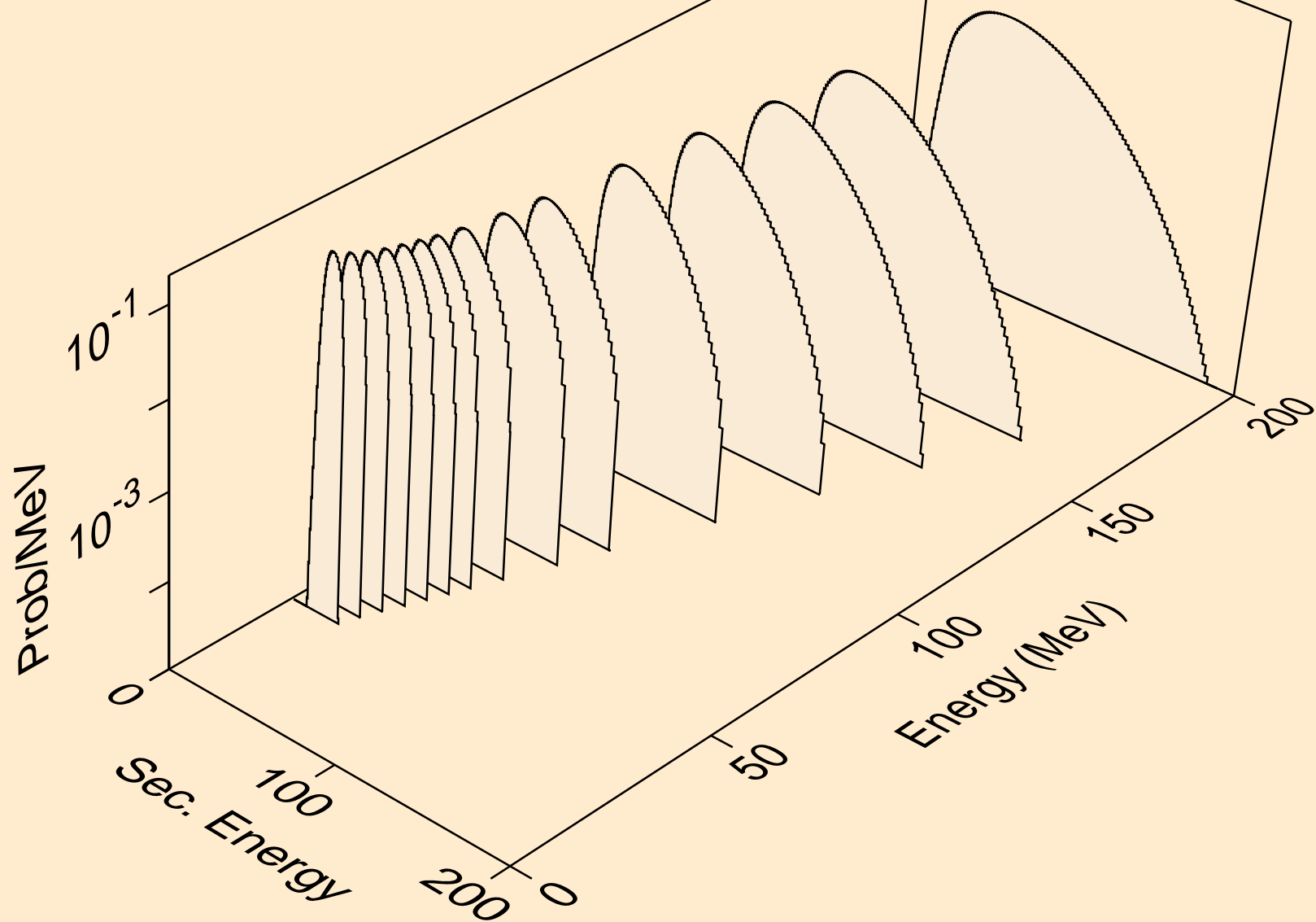
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tritons from (n,t)



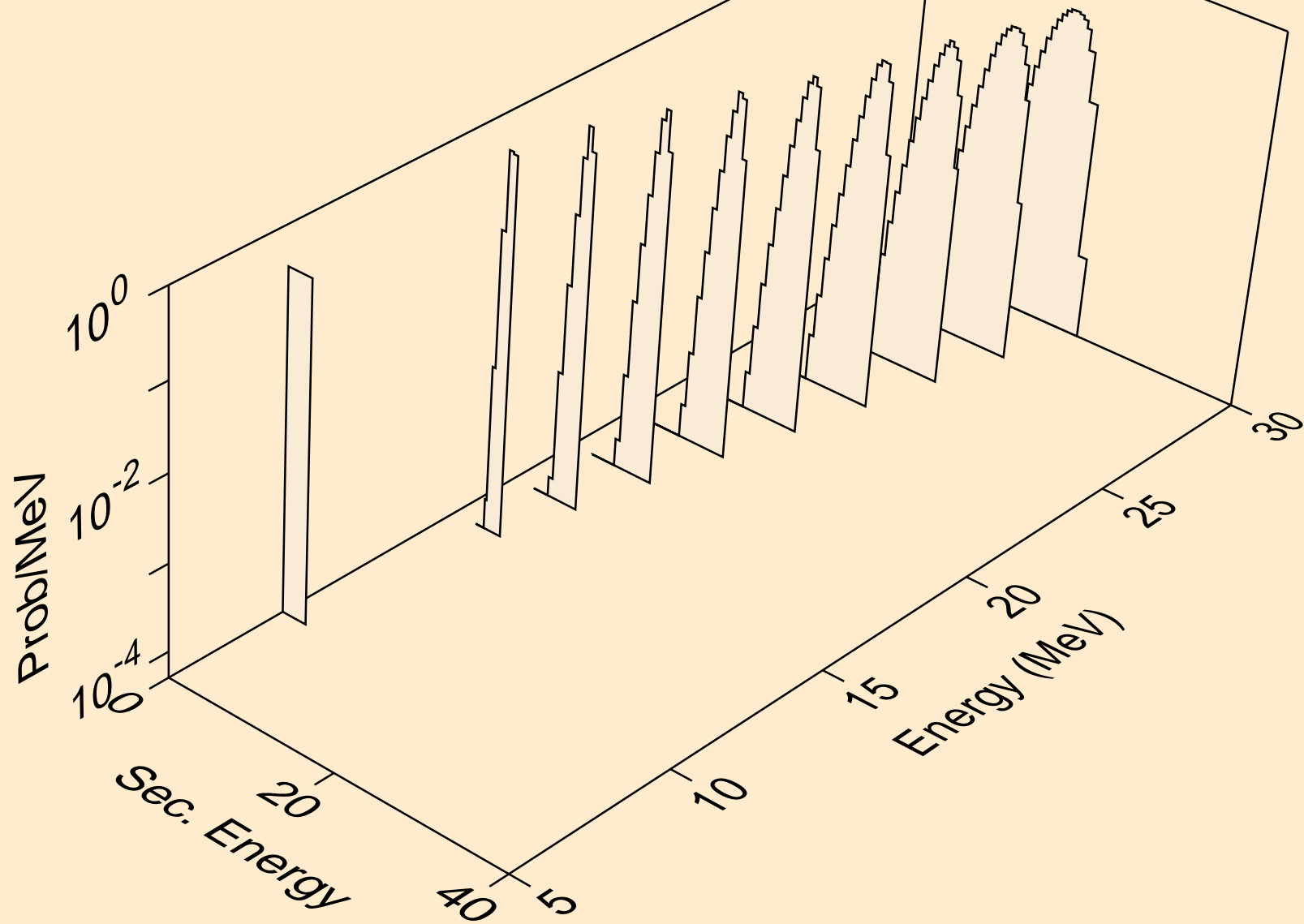
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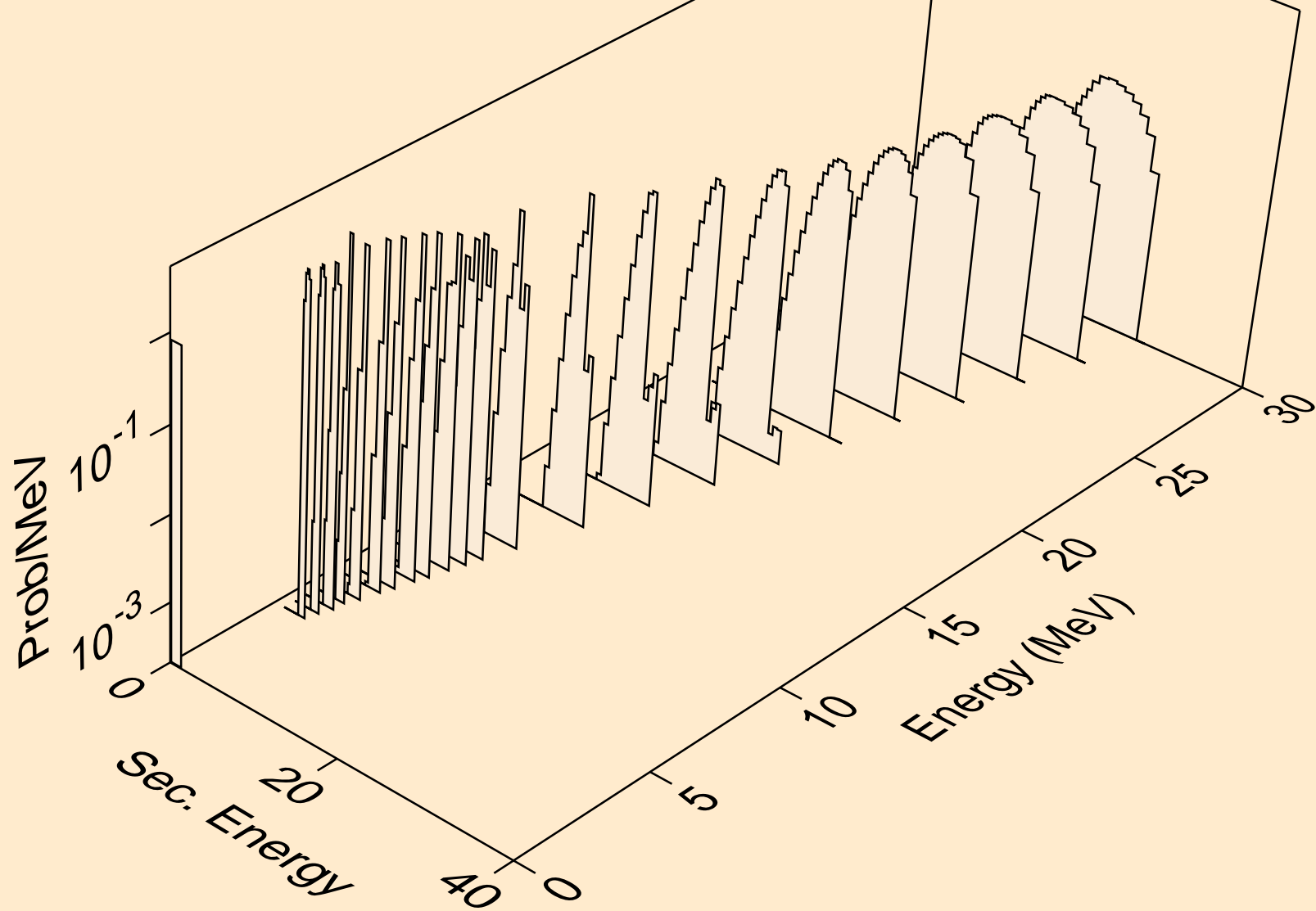
BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



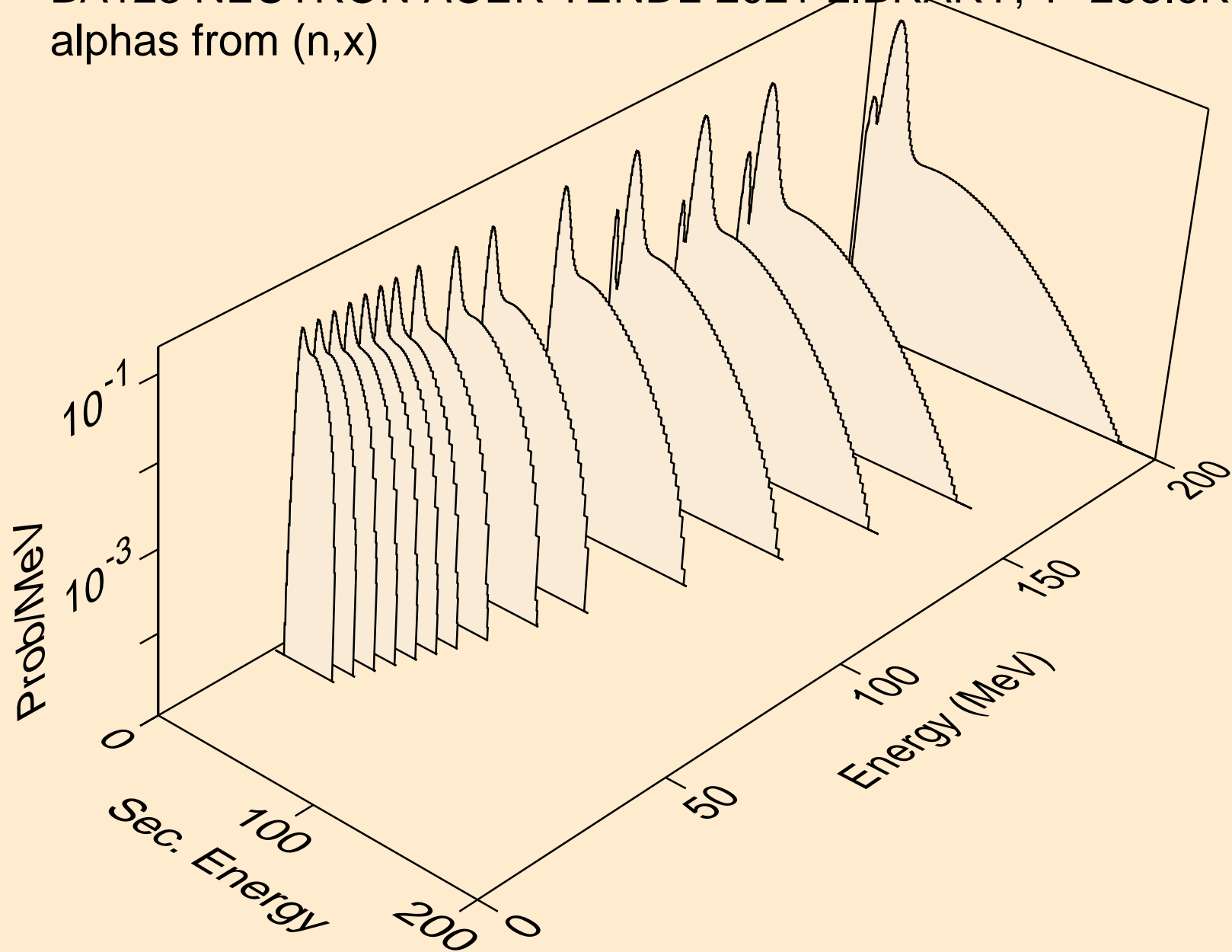
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he3s from (n,n\*)he3



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

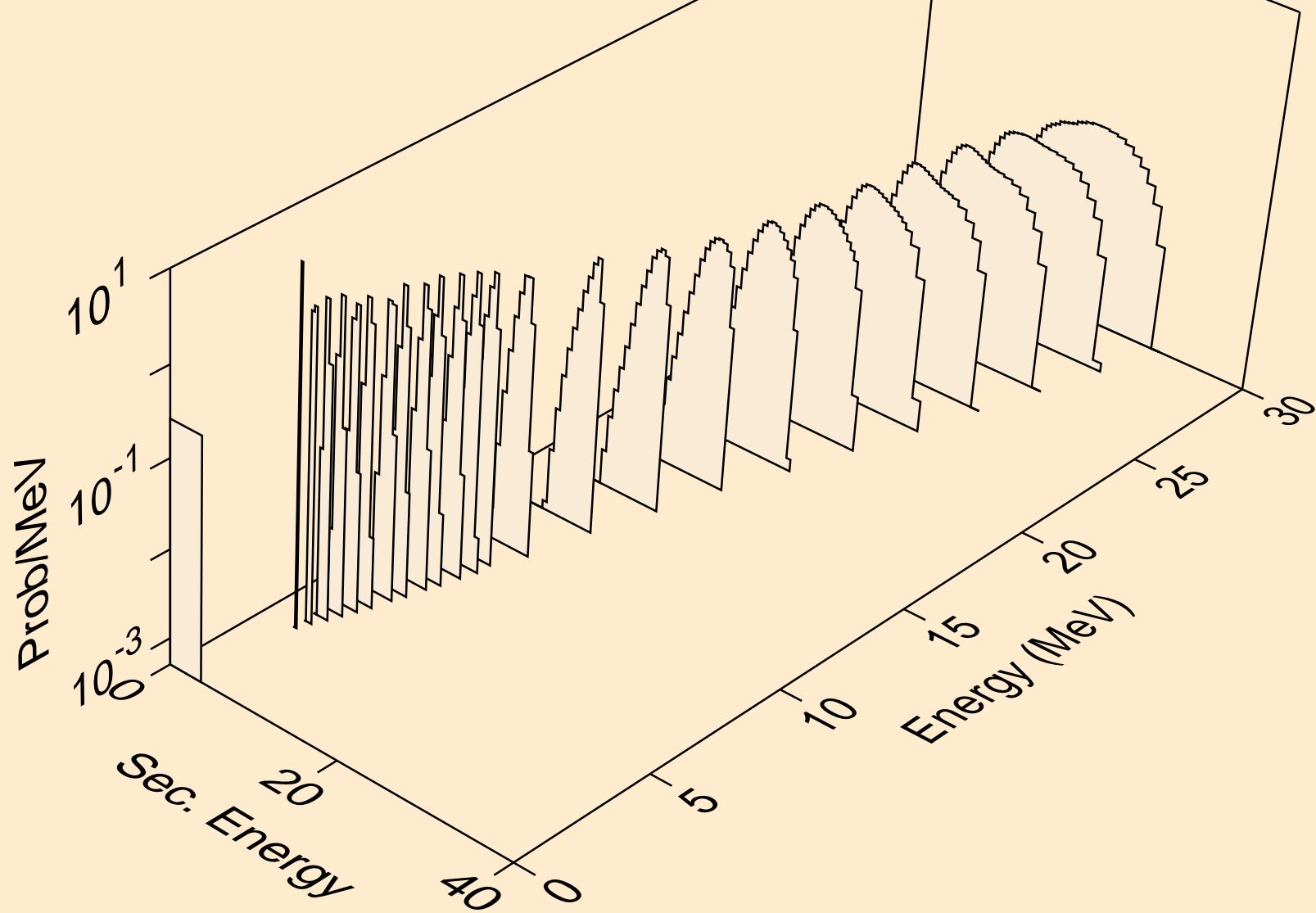


BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

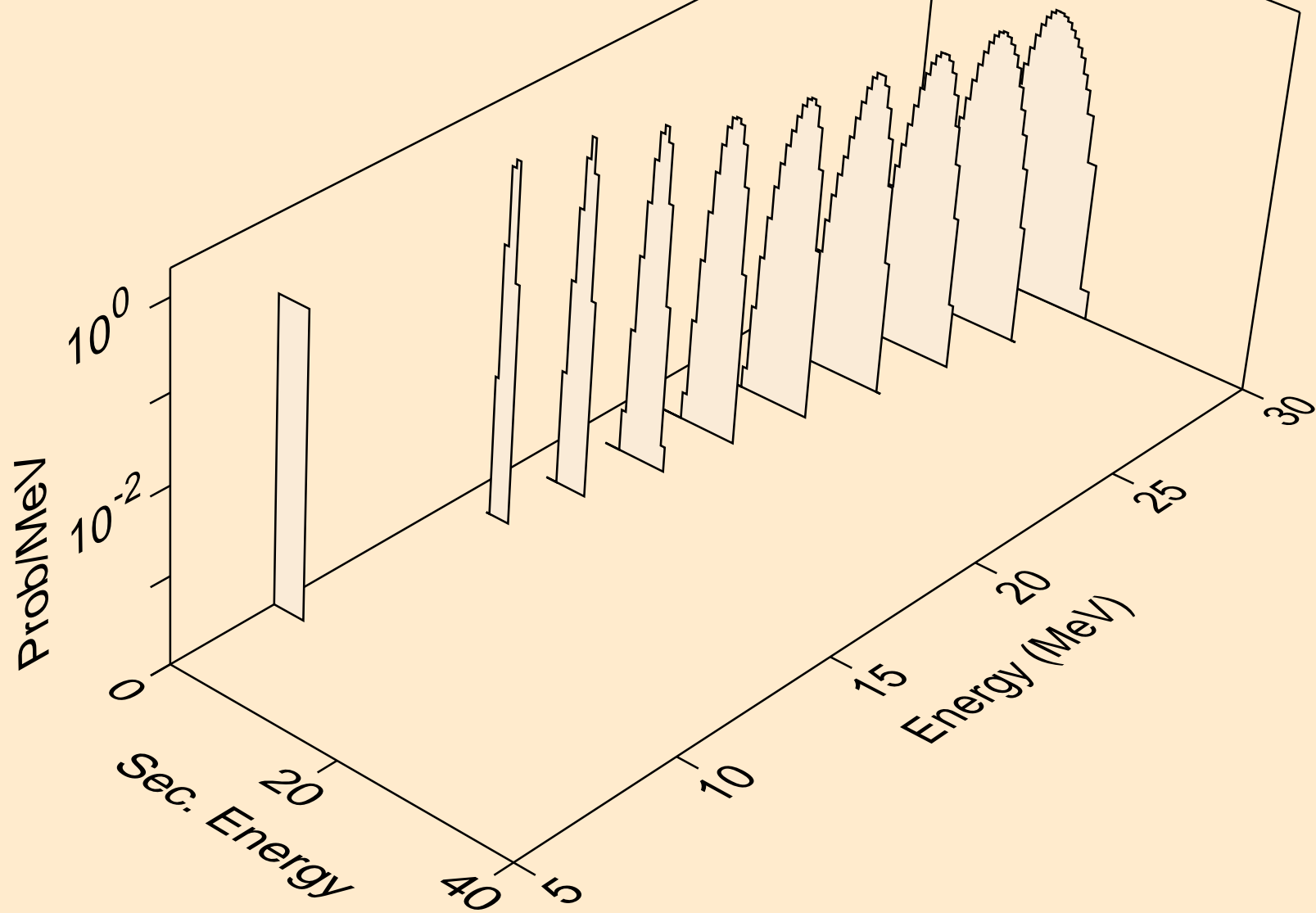




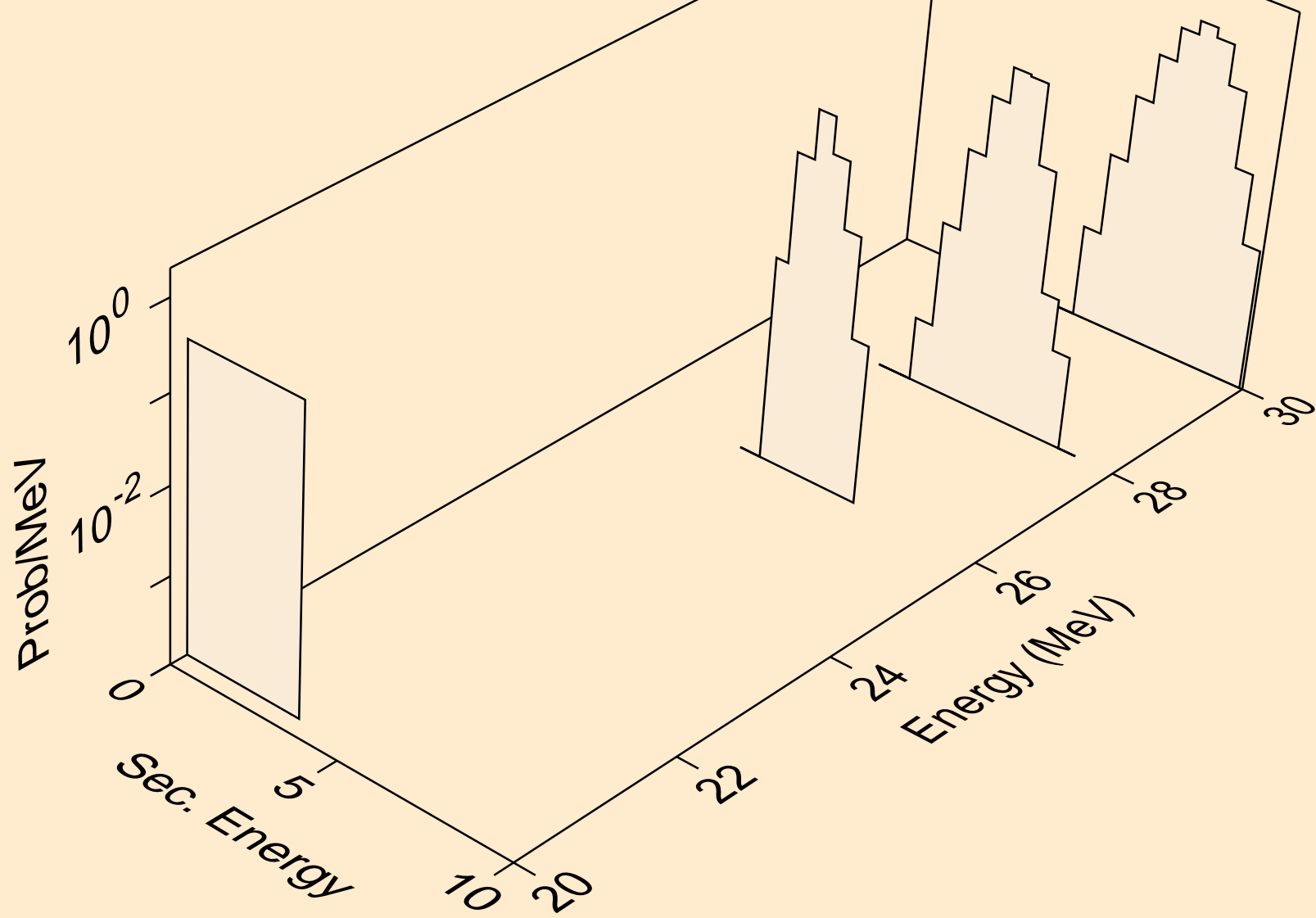
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alphas from (n,n\*)a



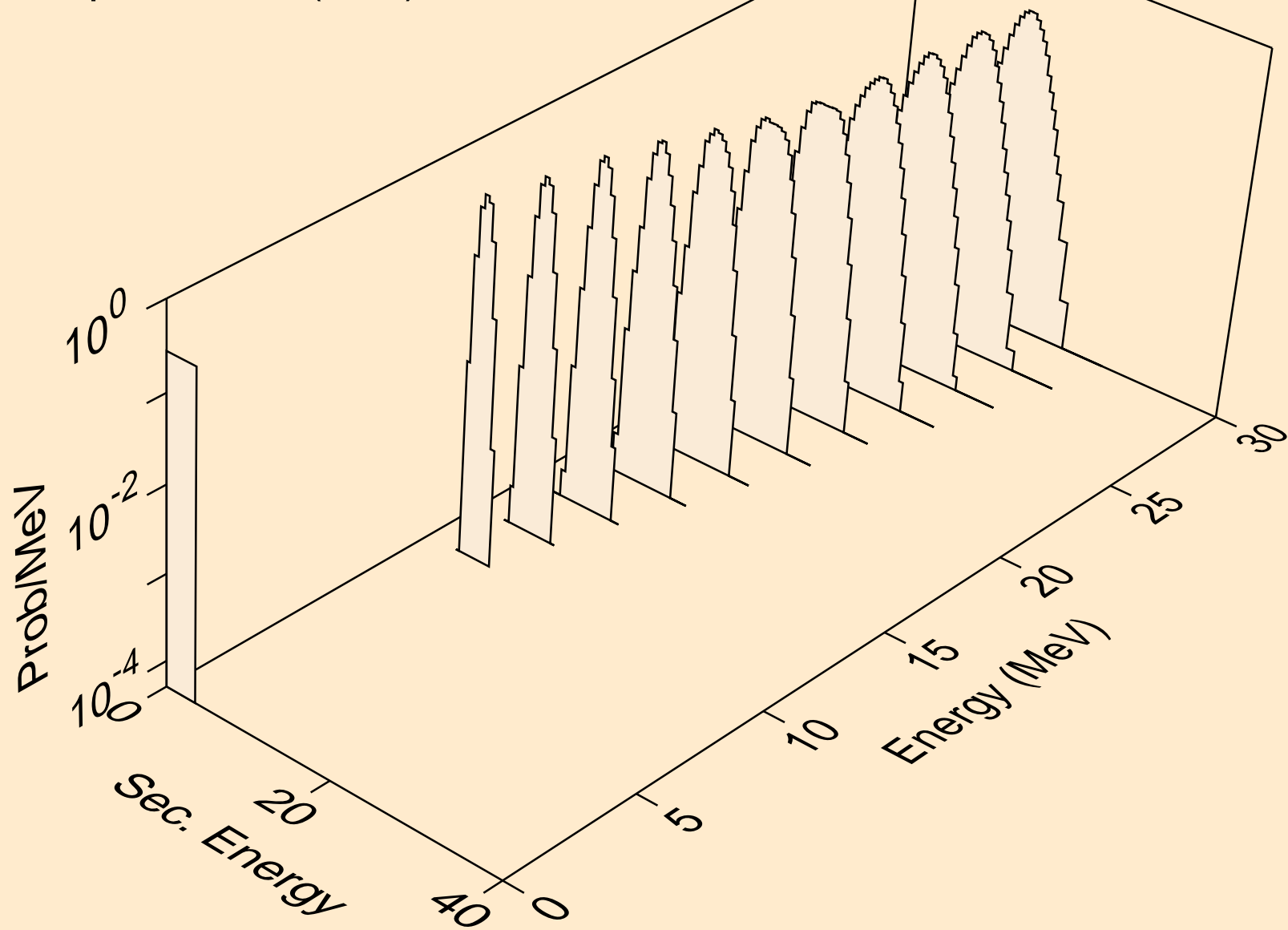
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alphas from (n,2n)a



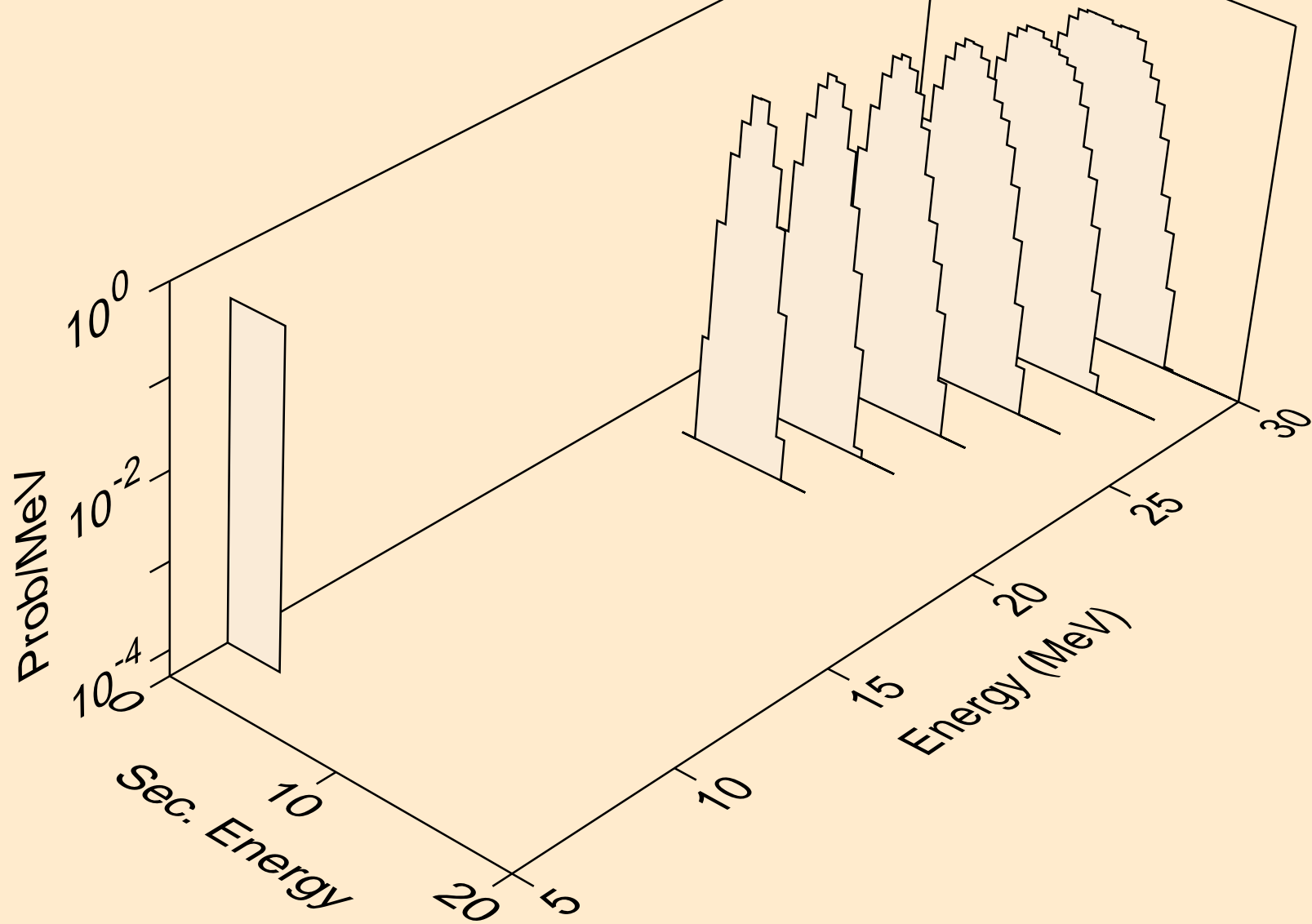
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alphas from (n,3n)a



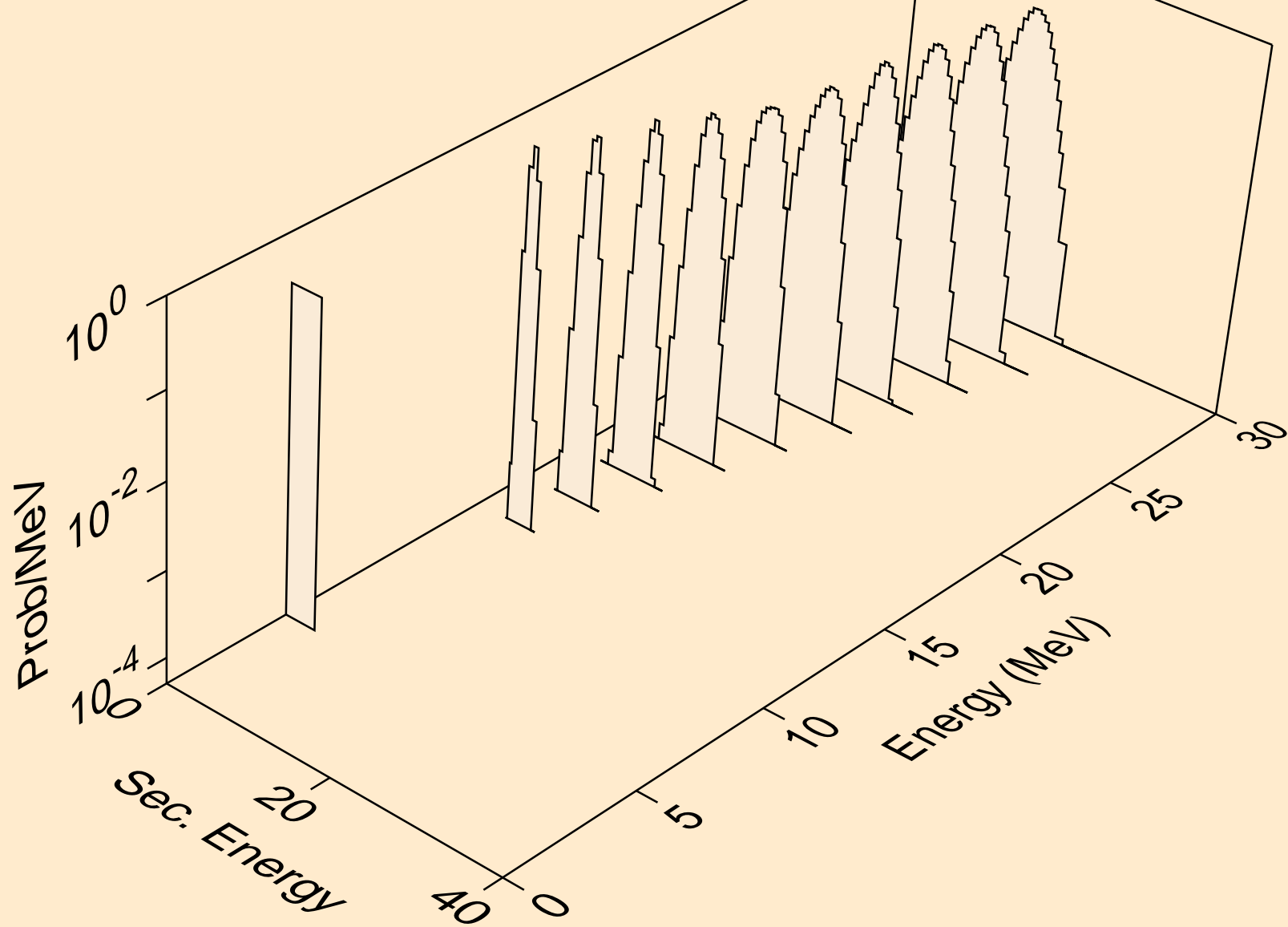
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alphas from (n,n\*)2a



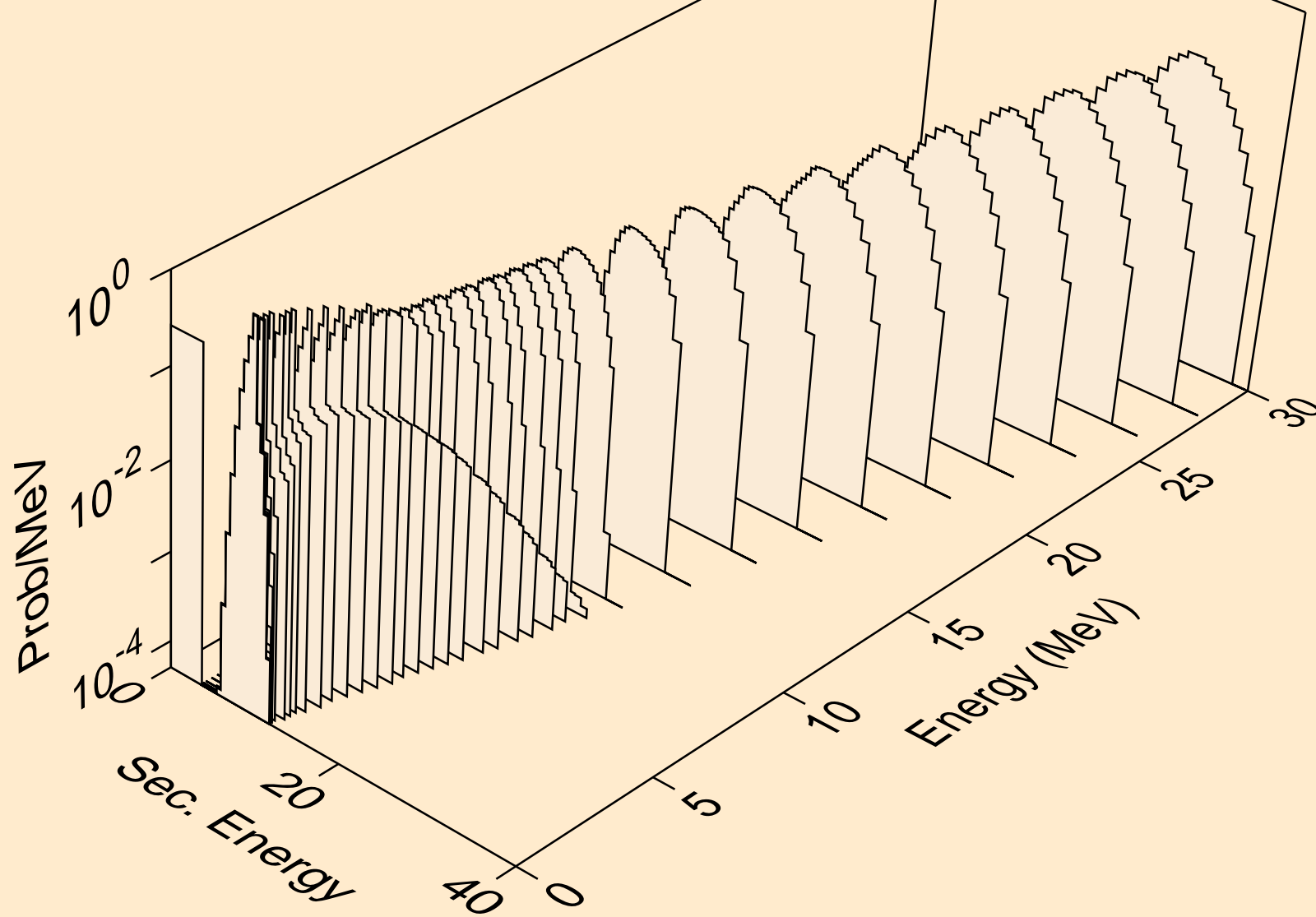
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alphas from (n,2n)2a



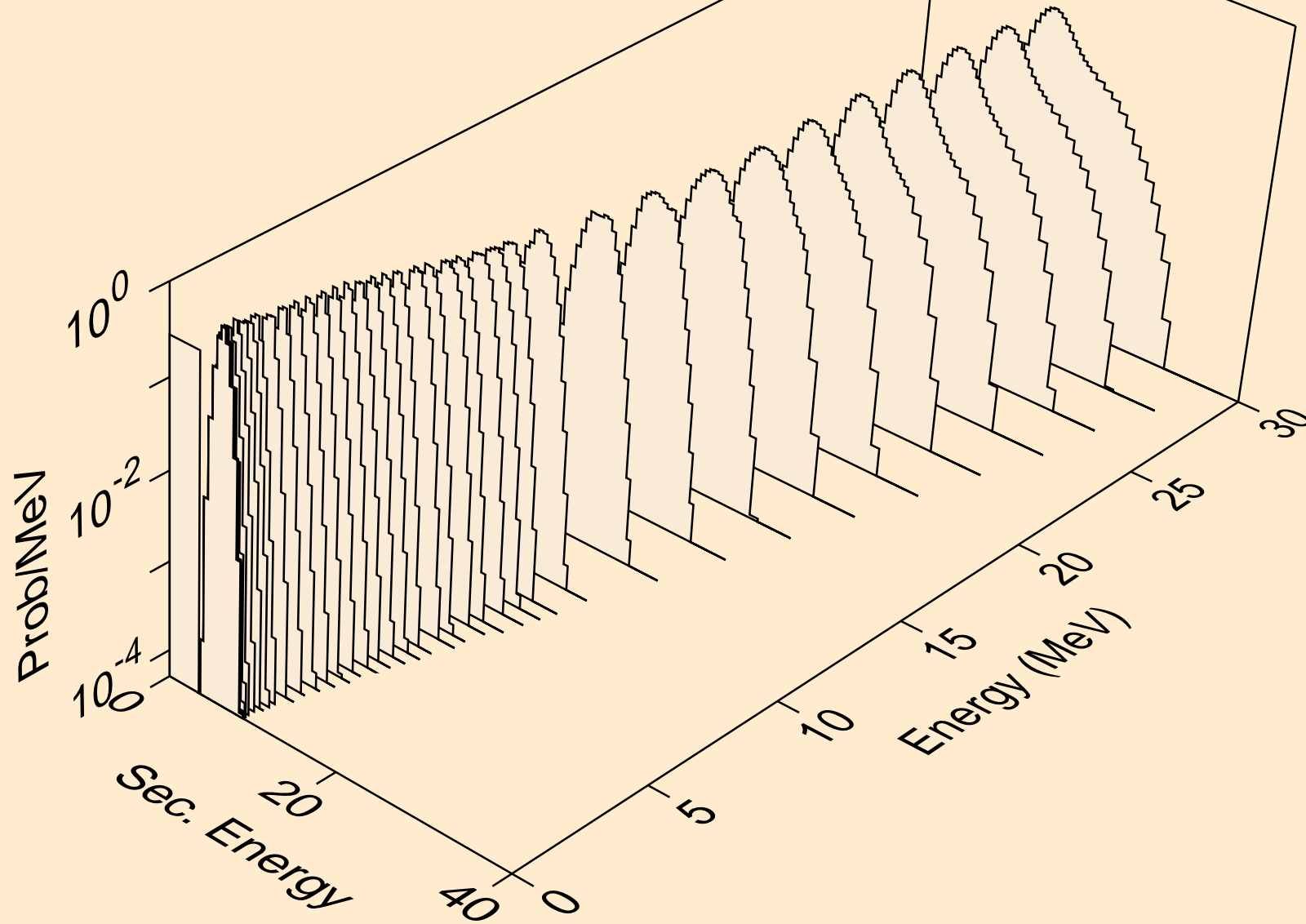
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alphas from (n,npa)



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

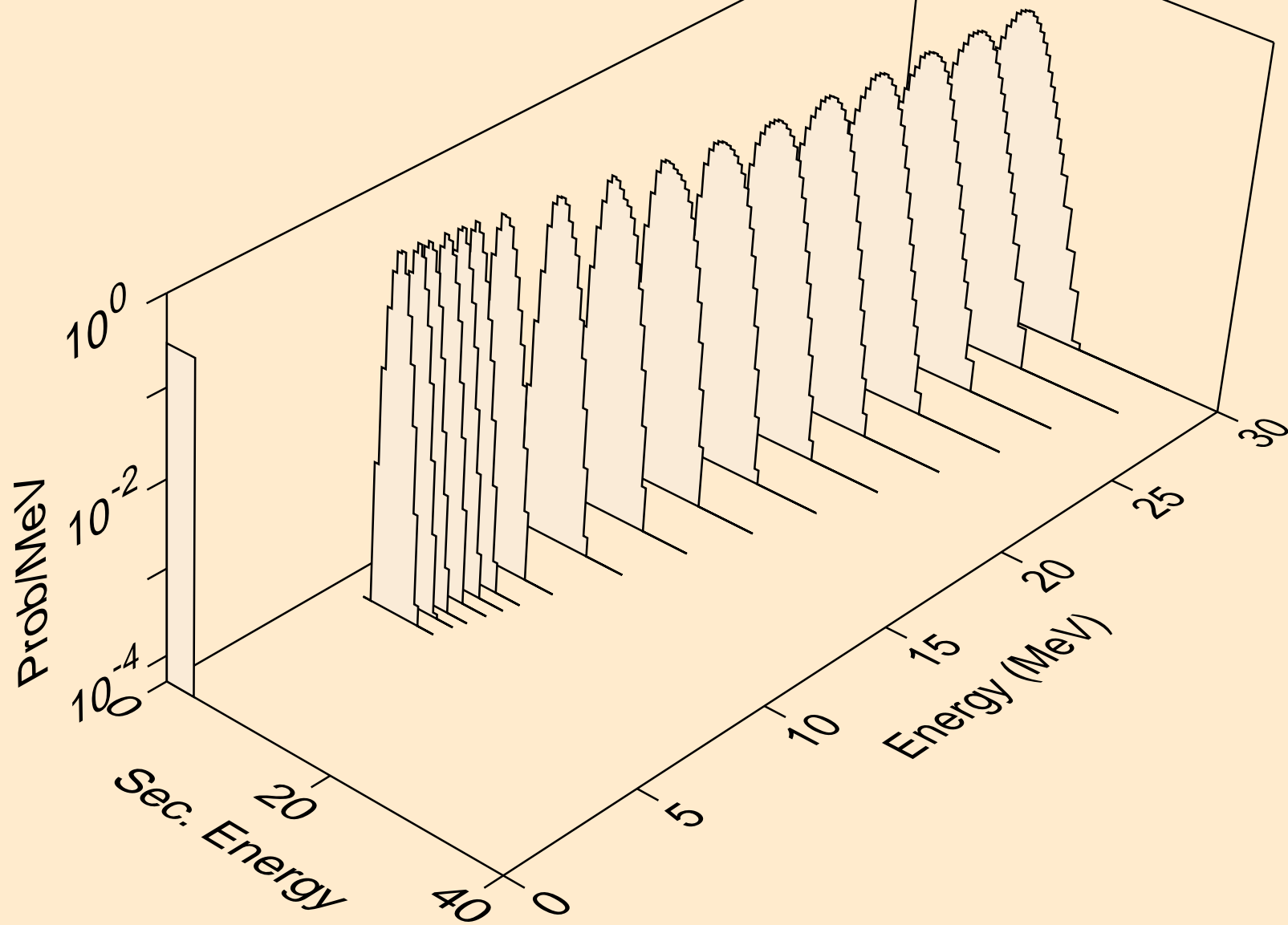


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alphas from (n,2a)

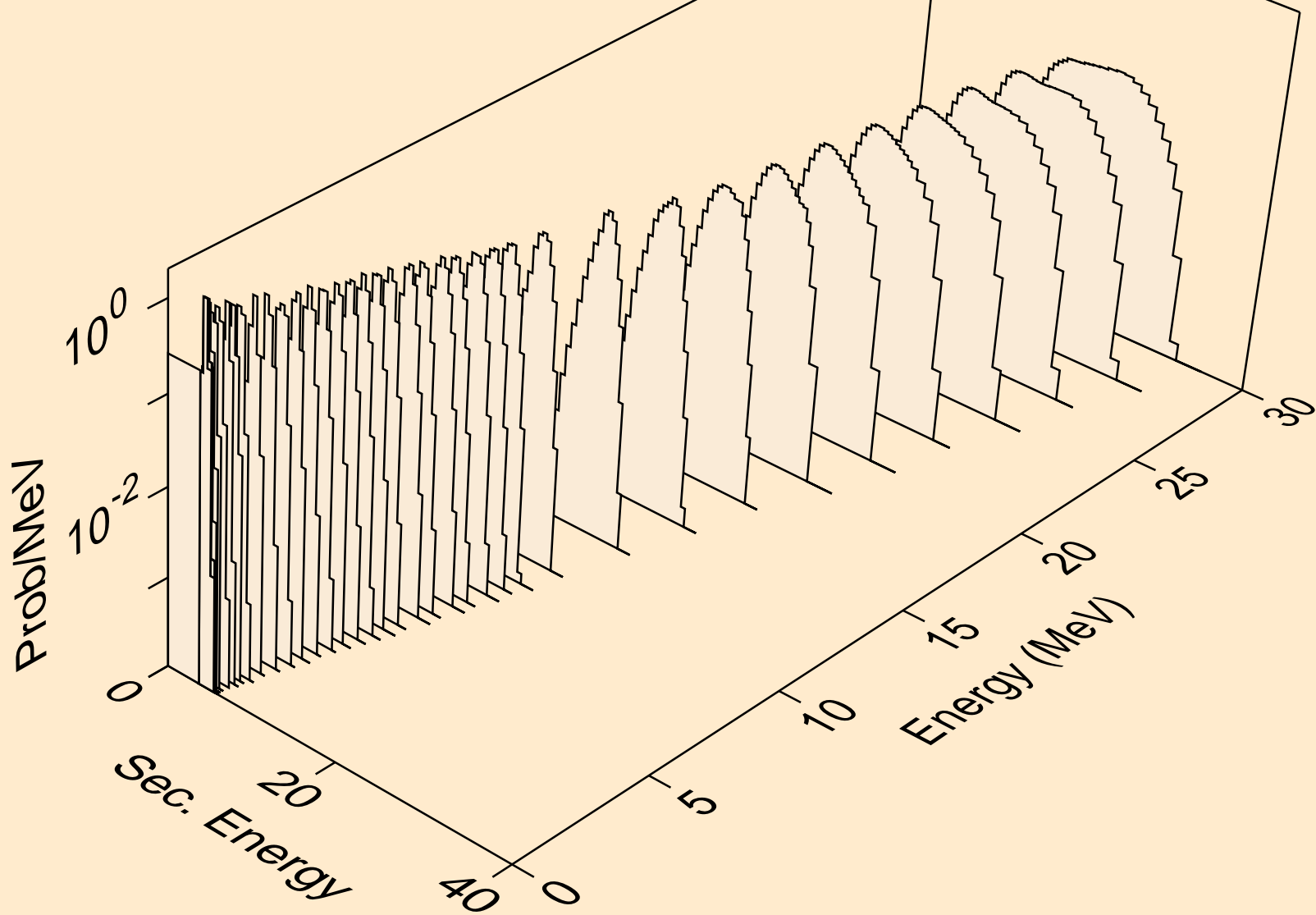




BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



BA123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

