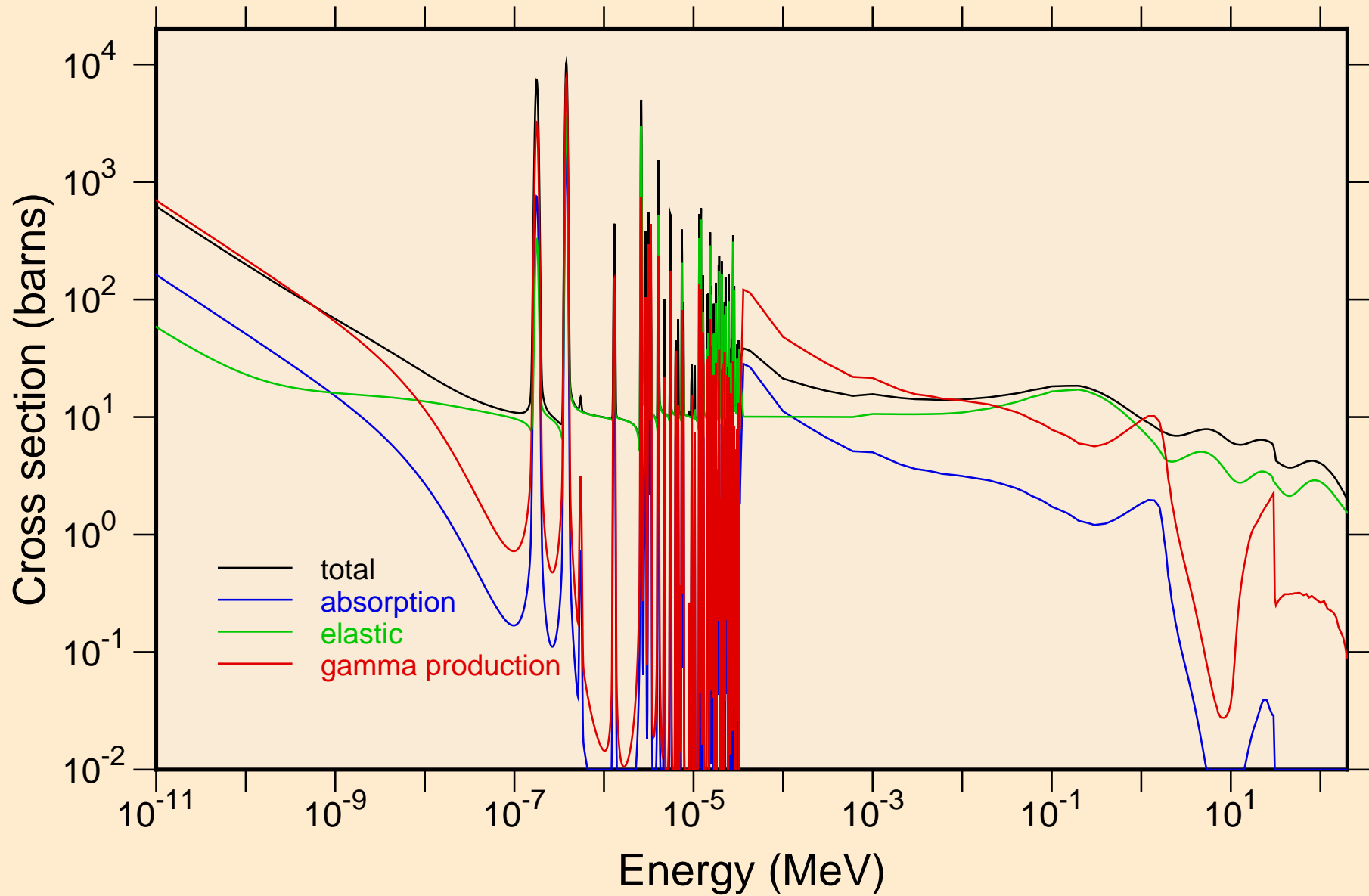
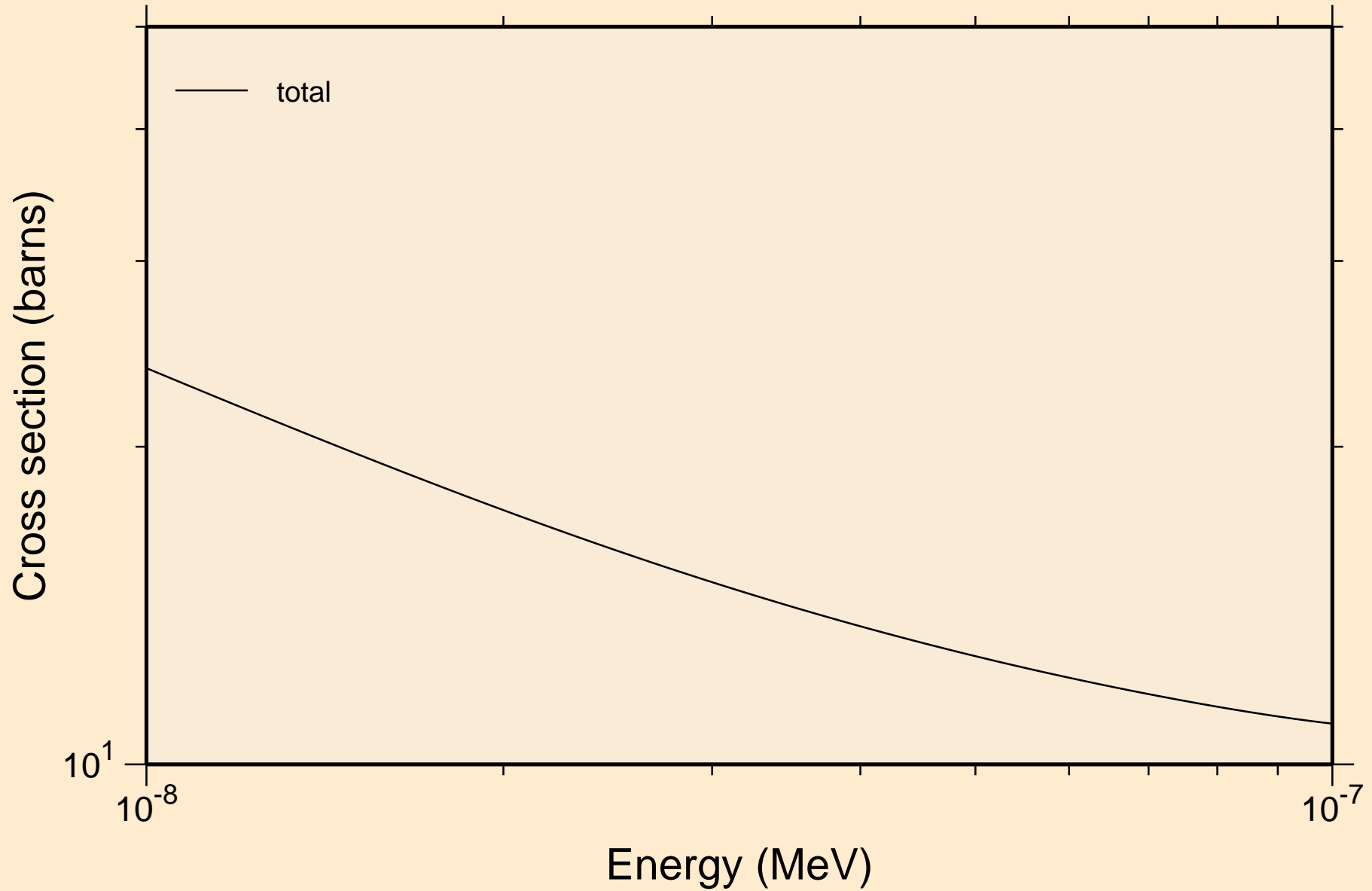


# BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

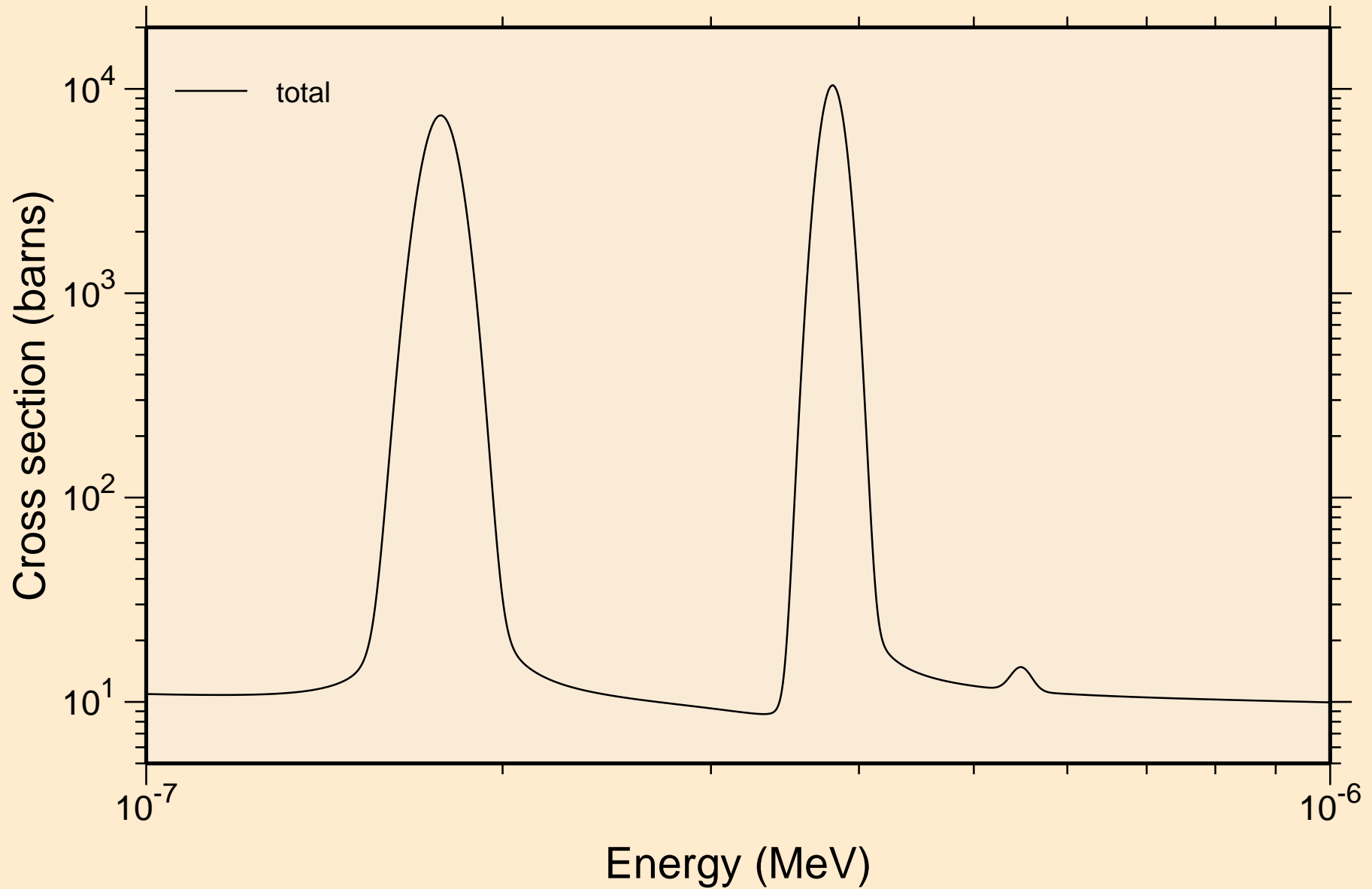
## Principal cross sections



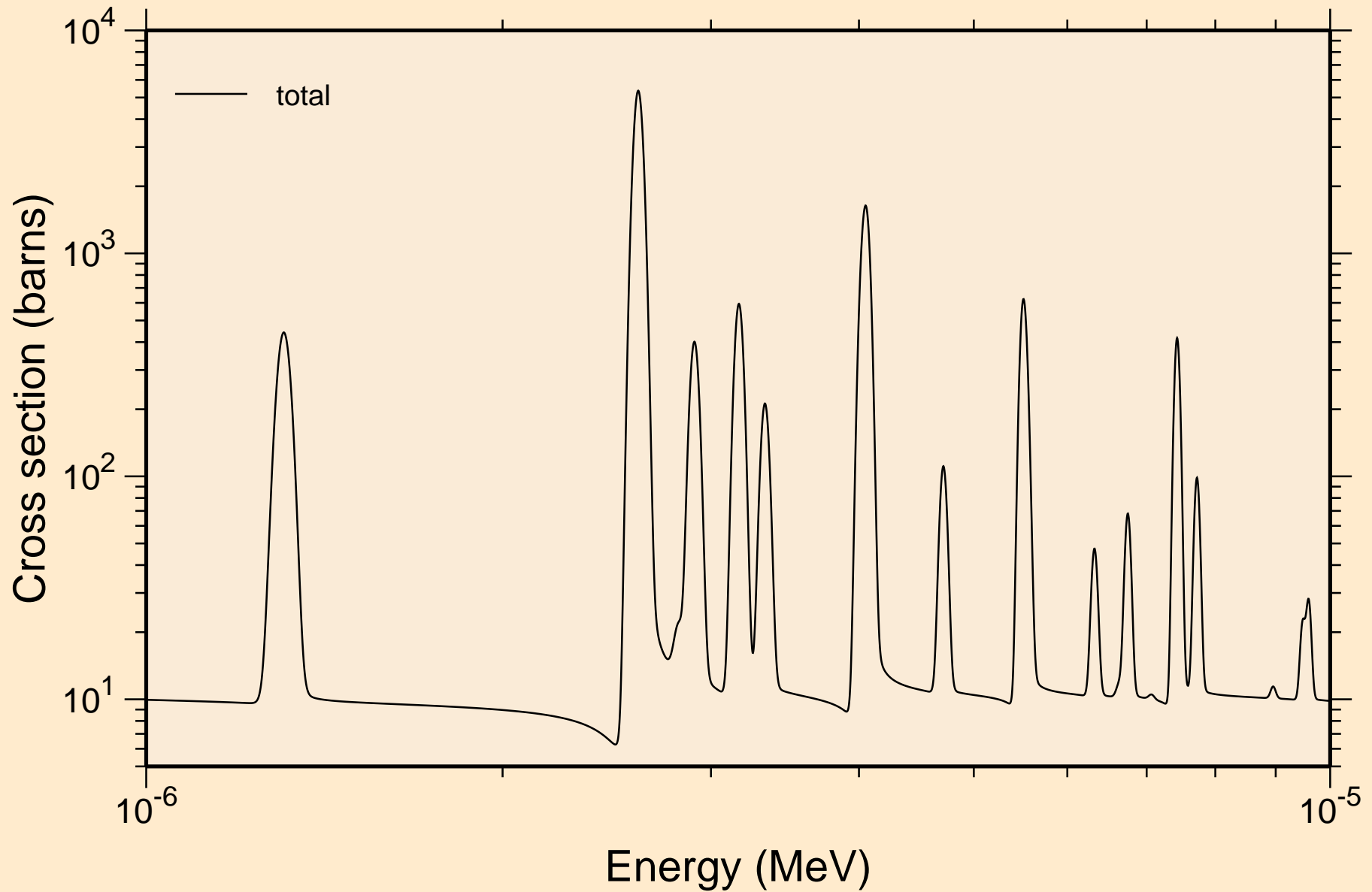
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



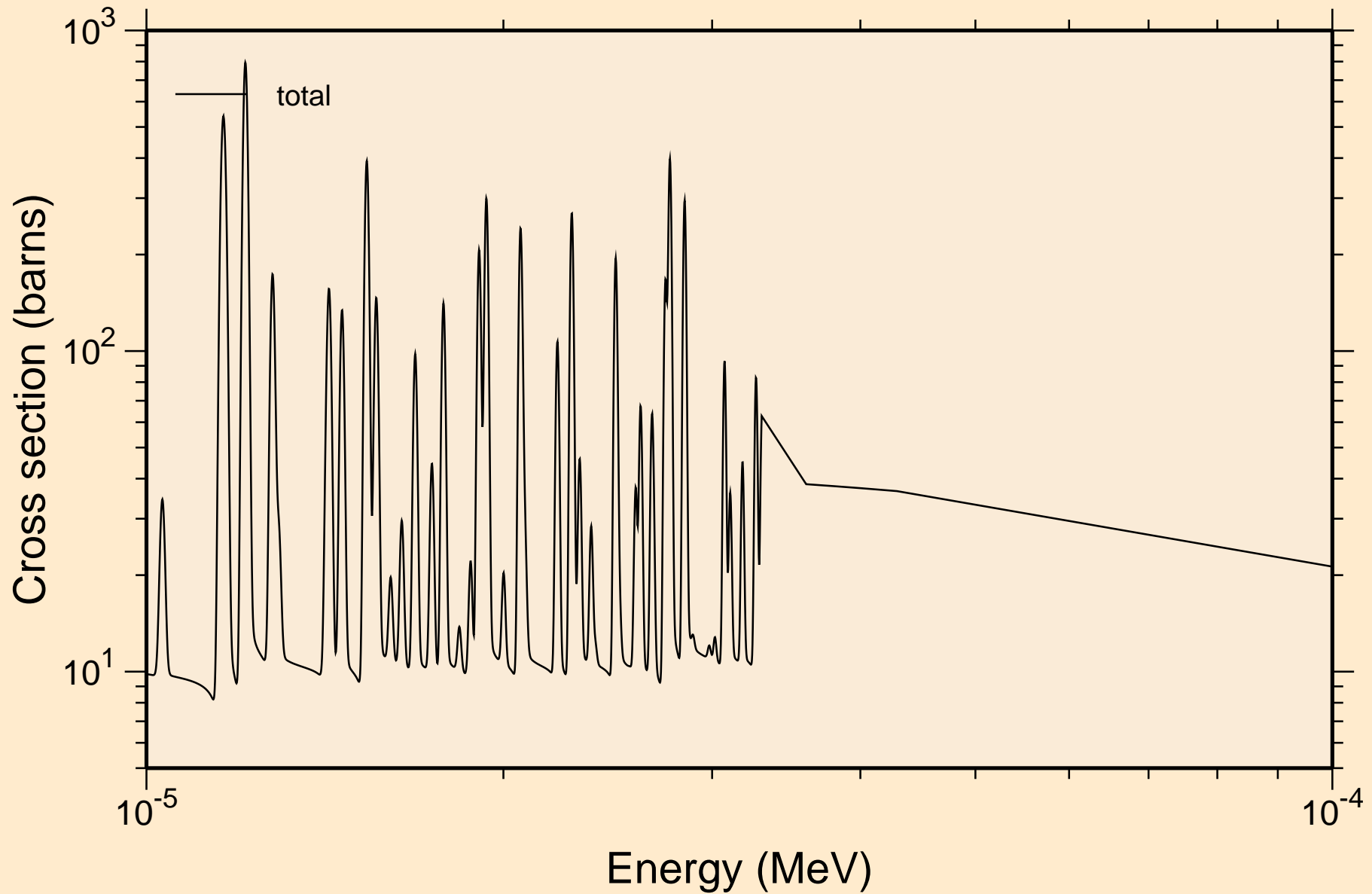
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



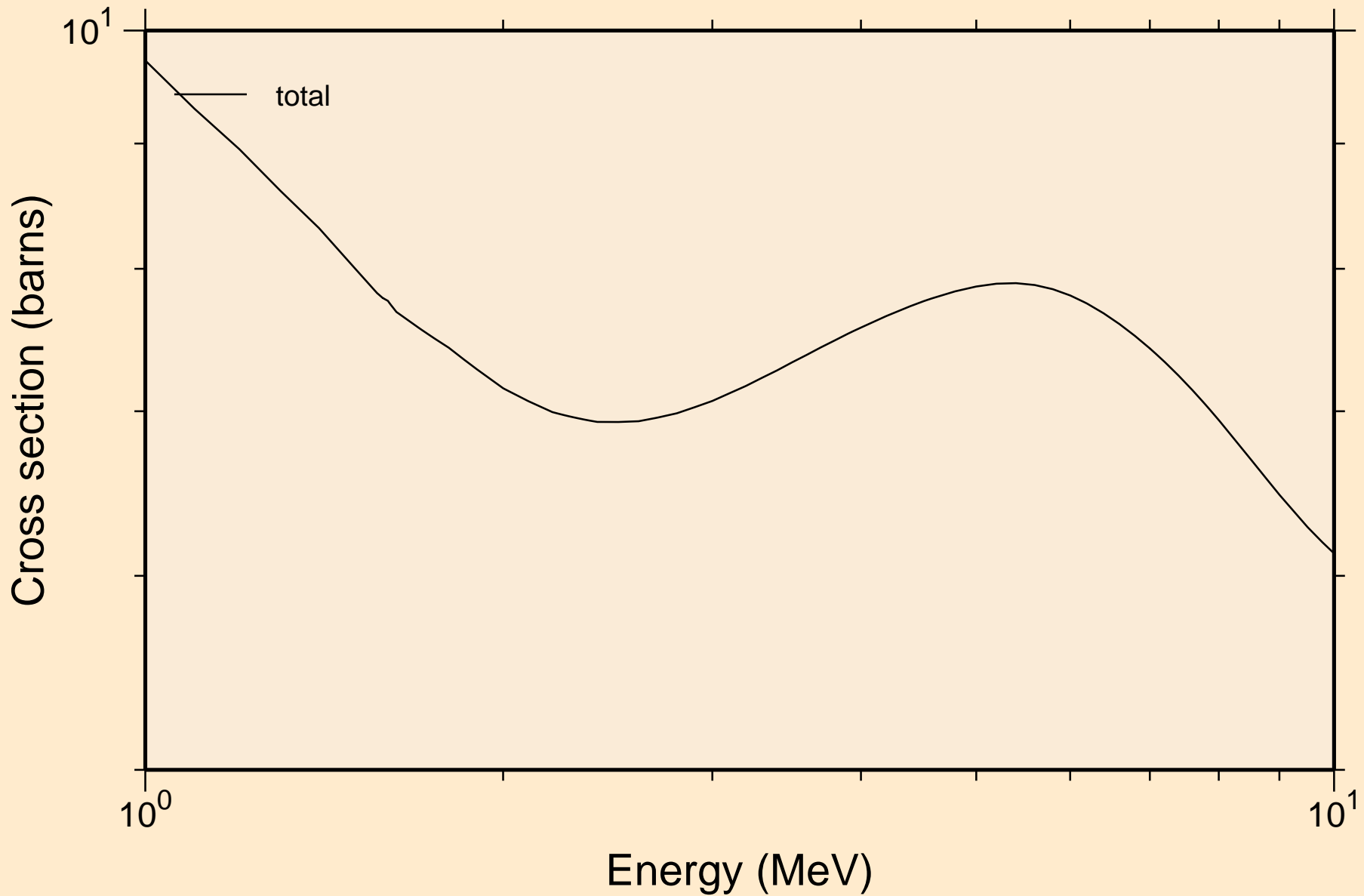
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



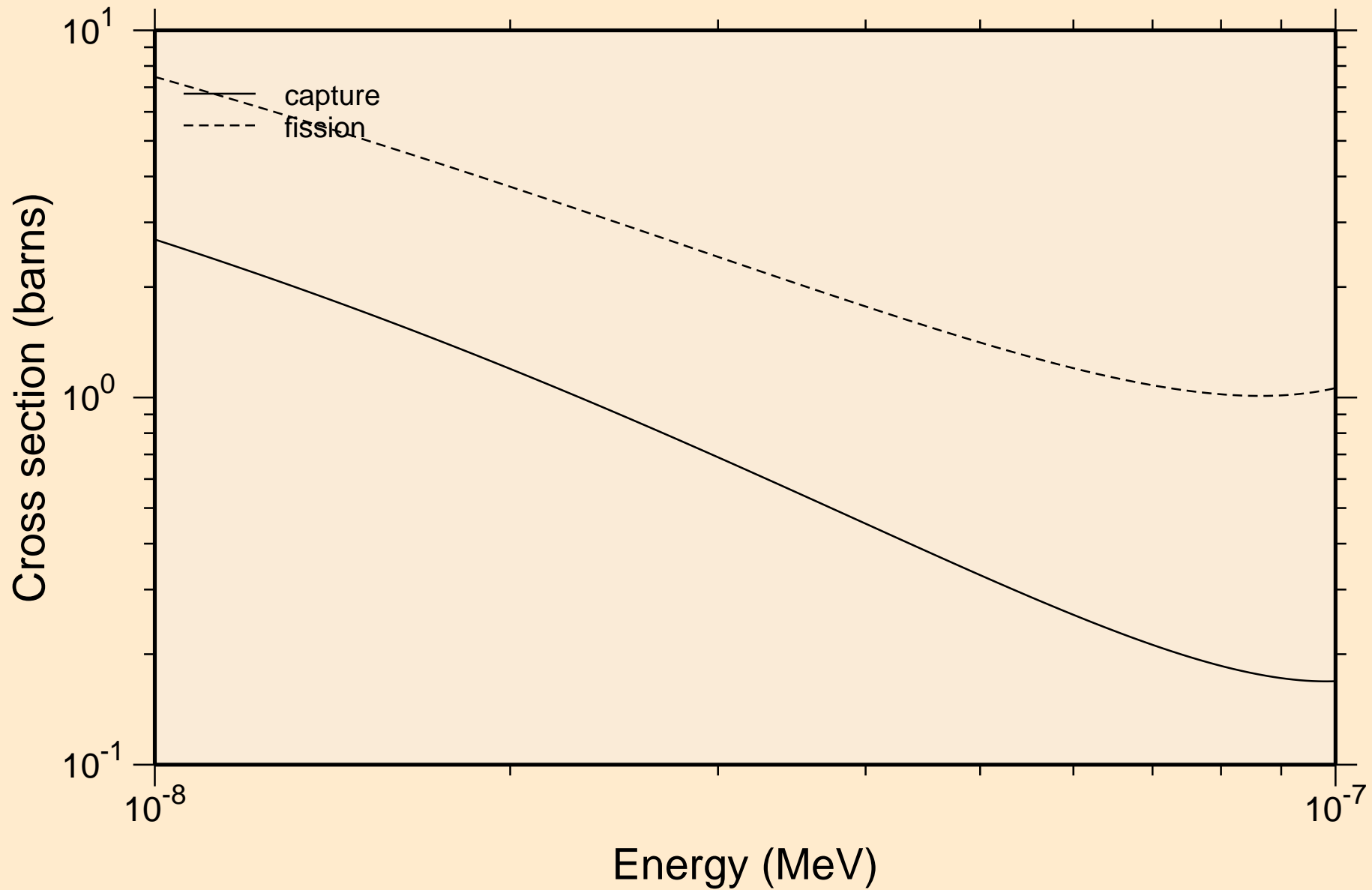
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



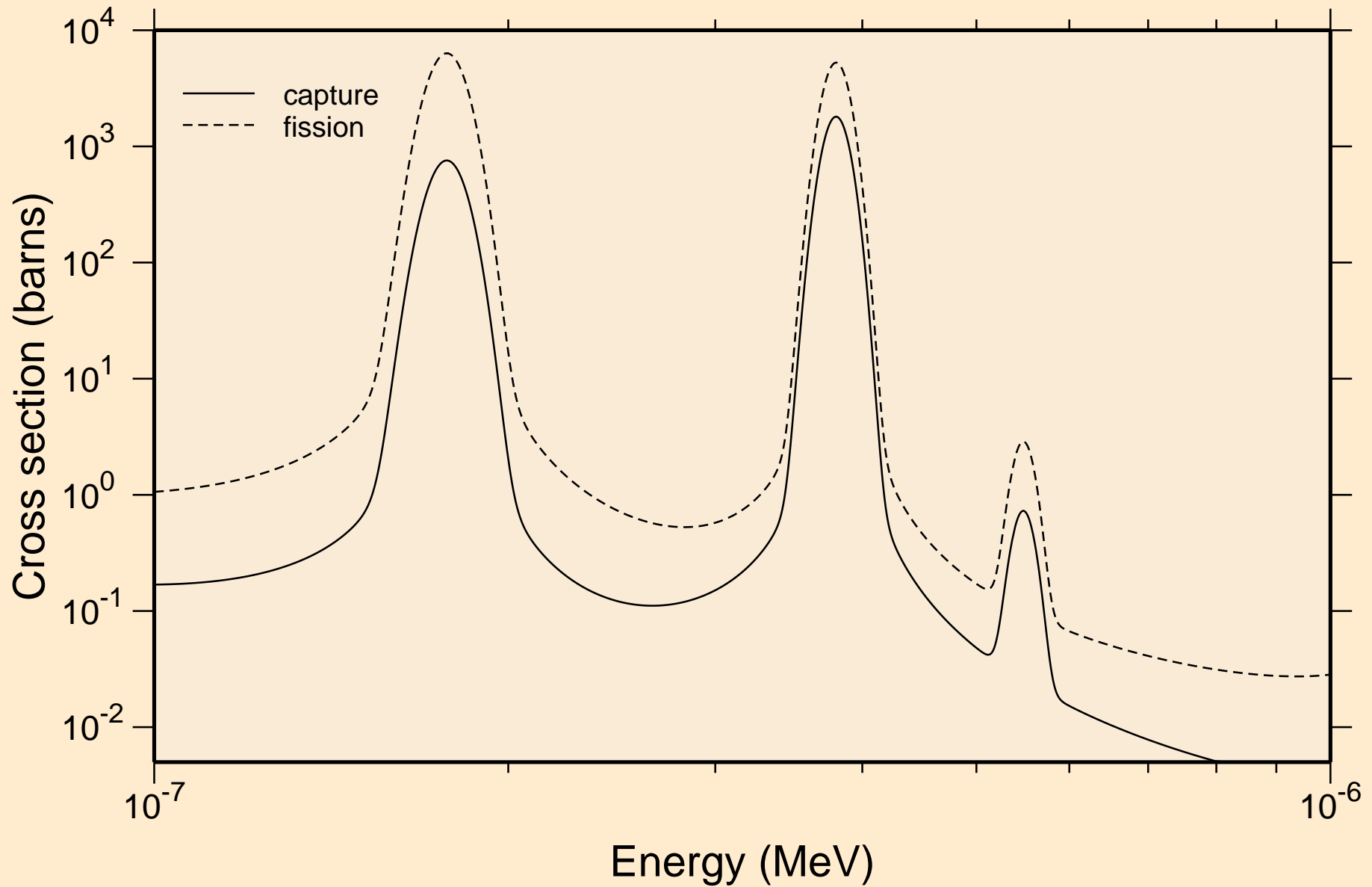
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

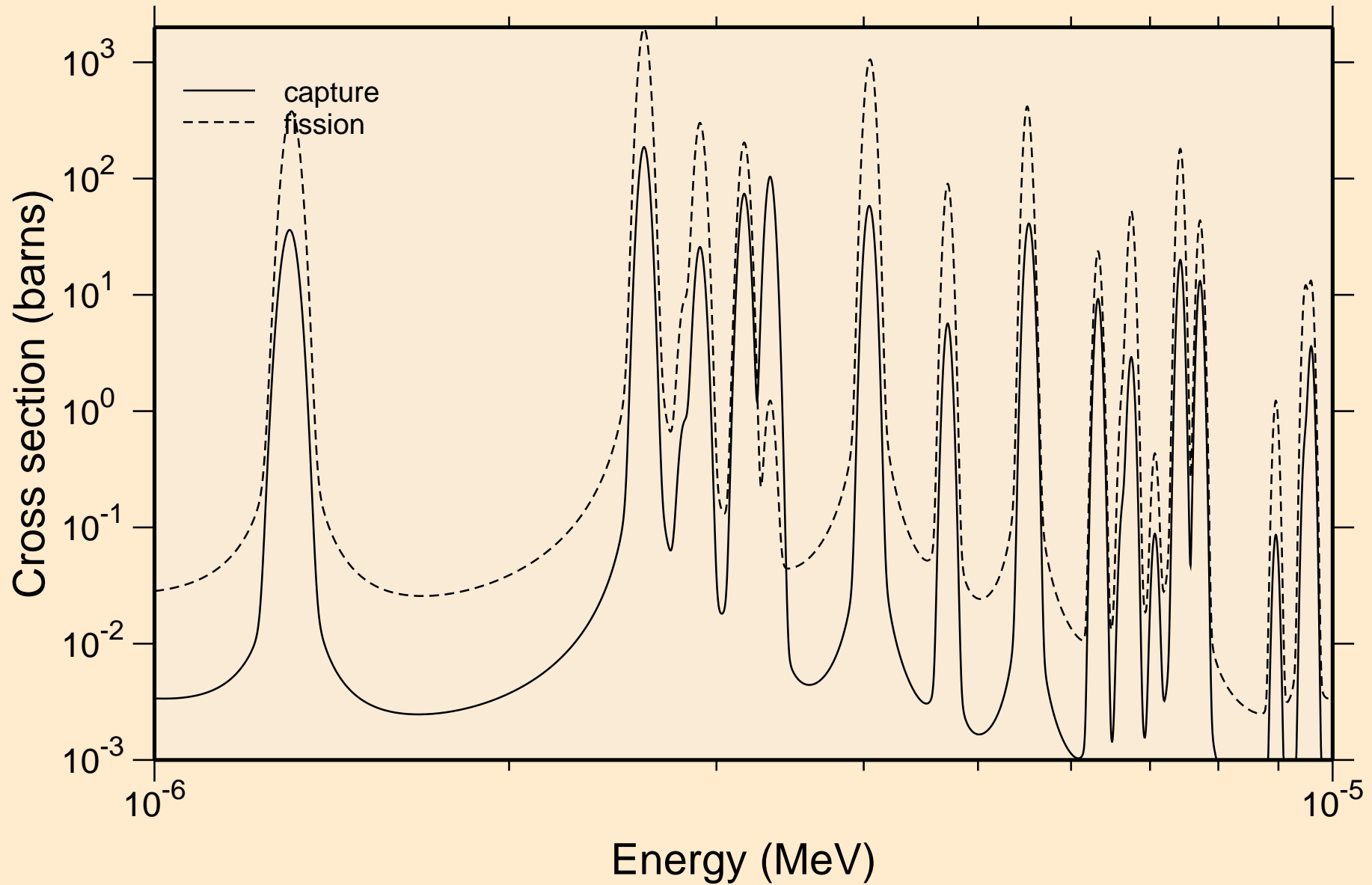


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

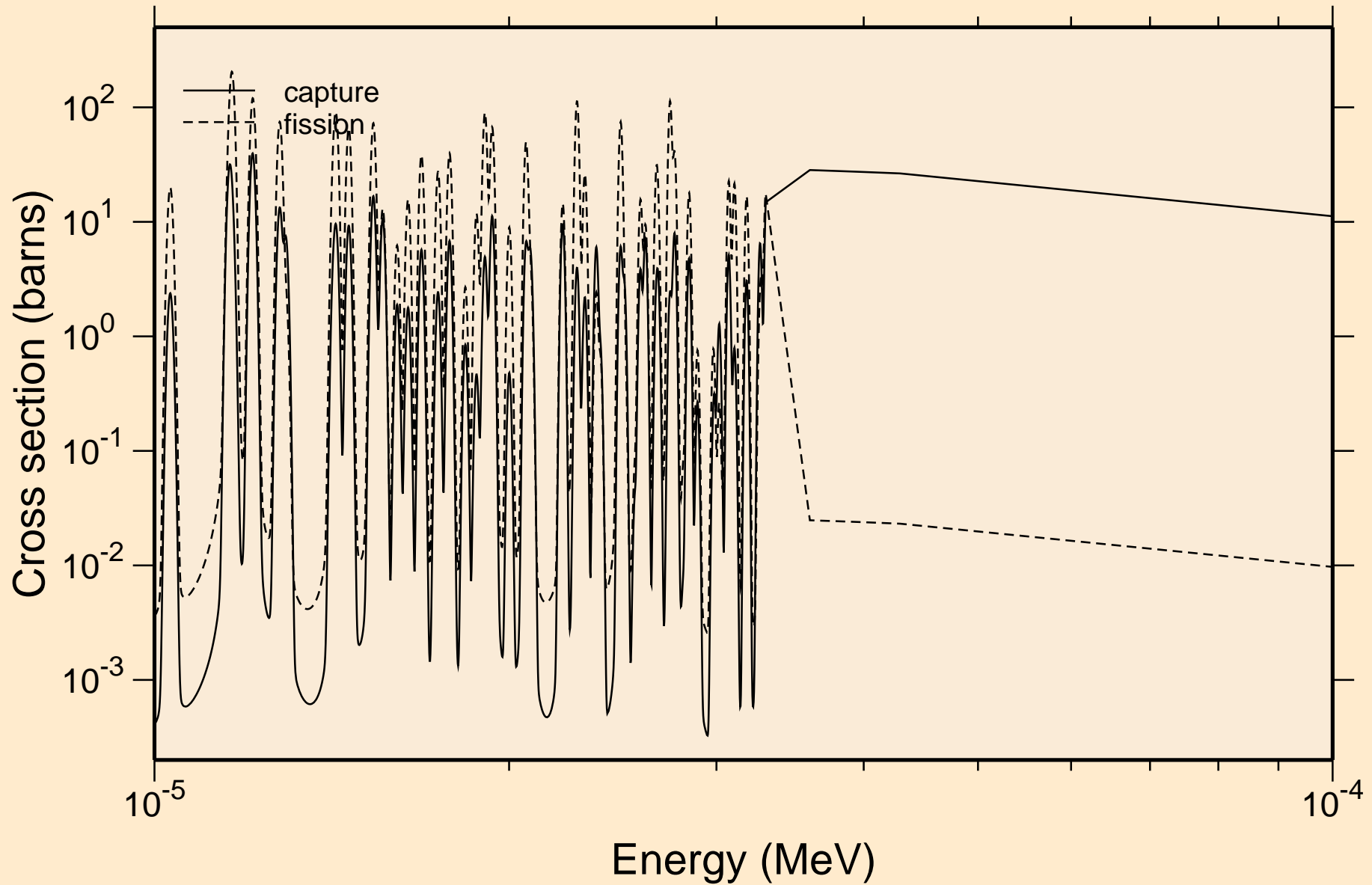




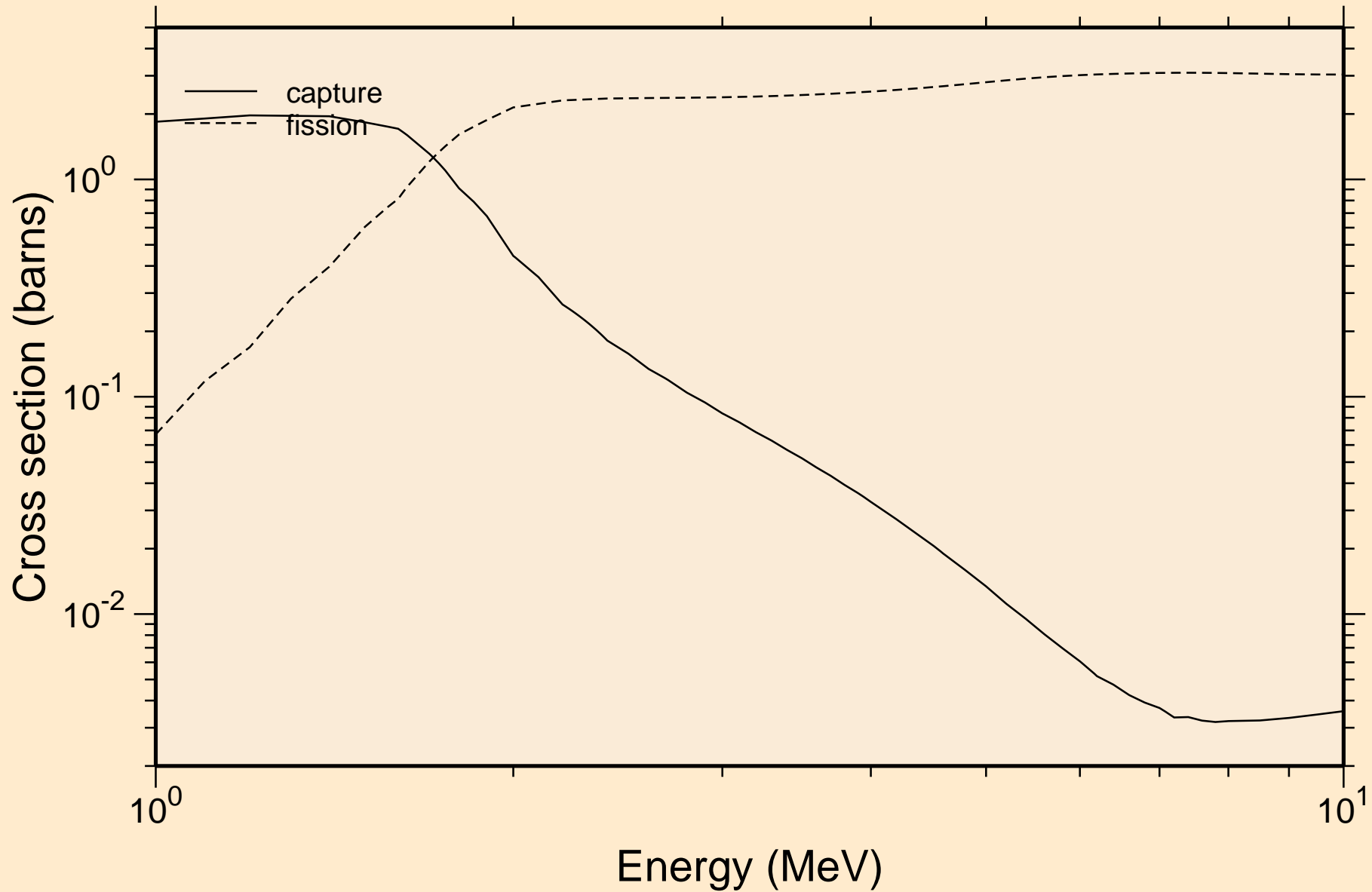
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



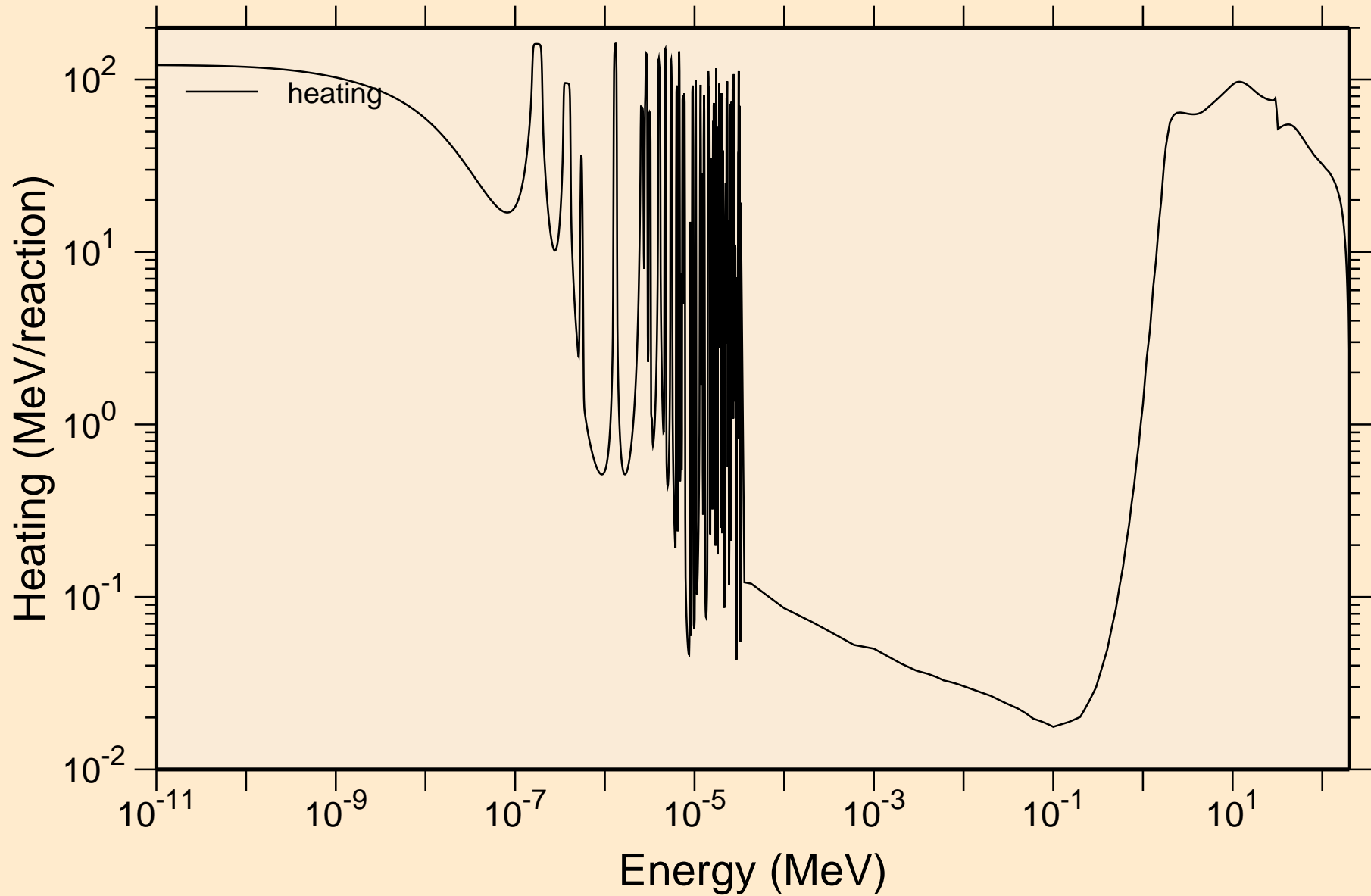
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



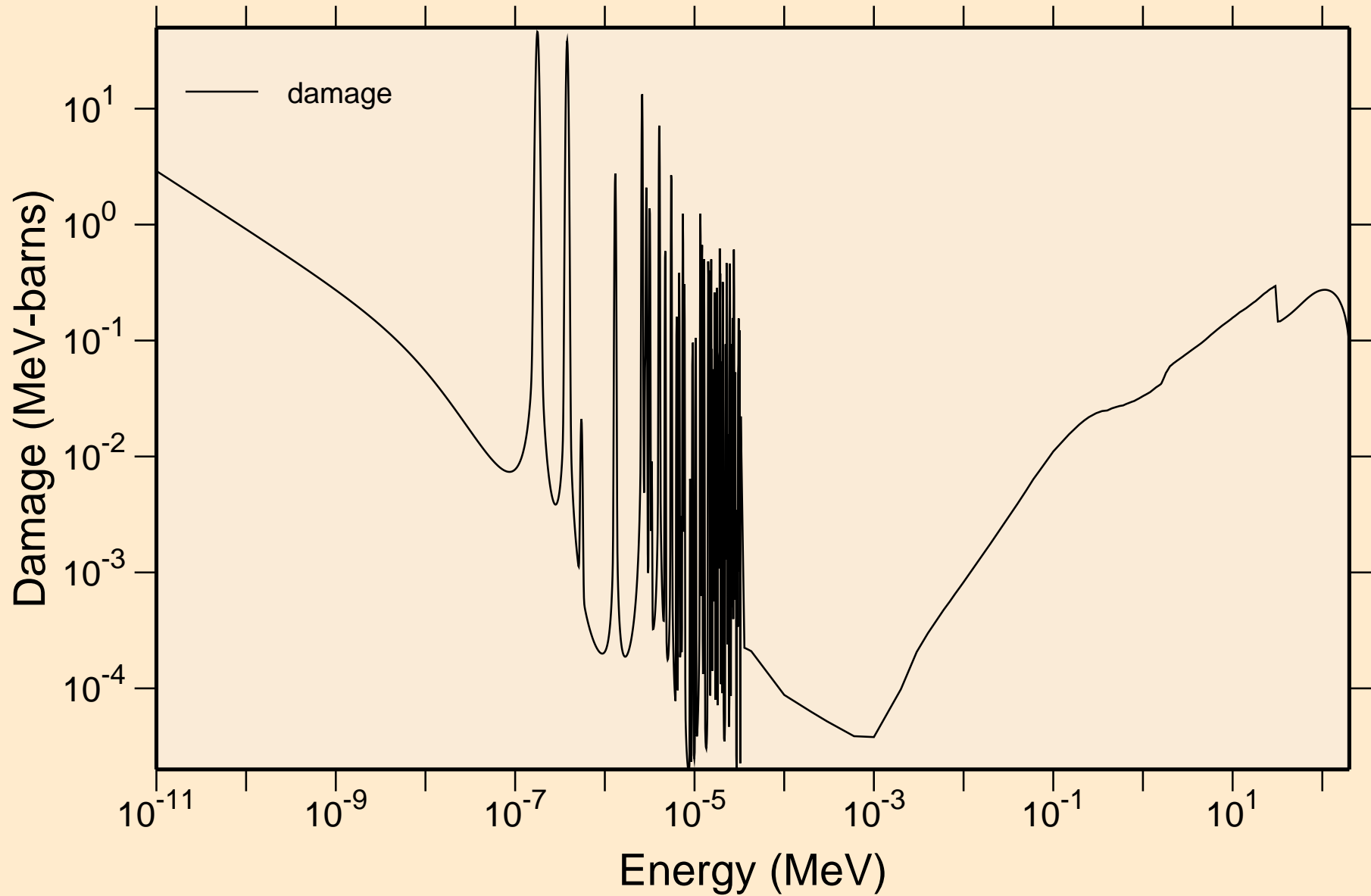
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



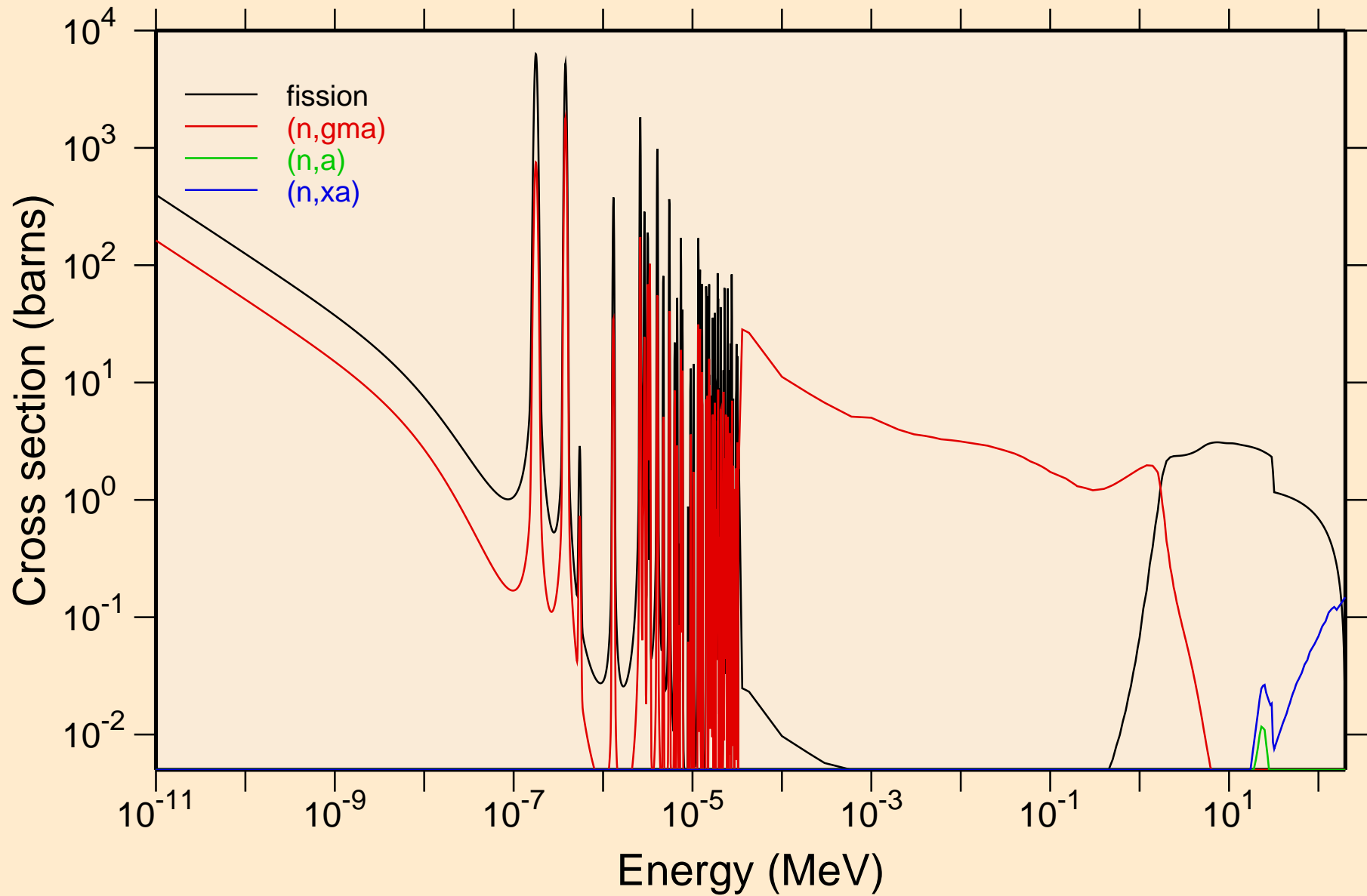
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

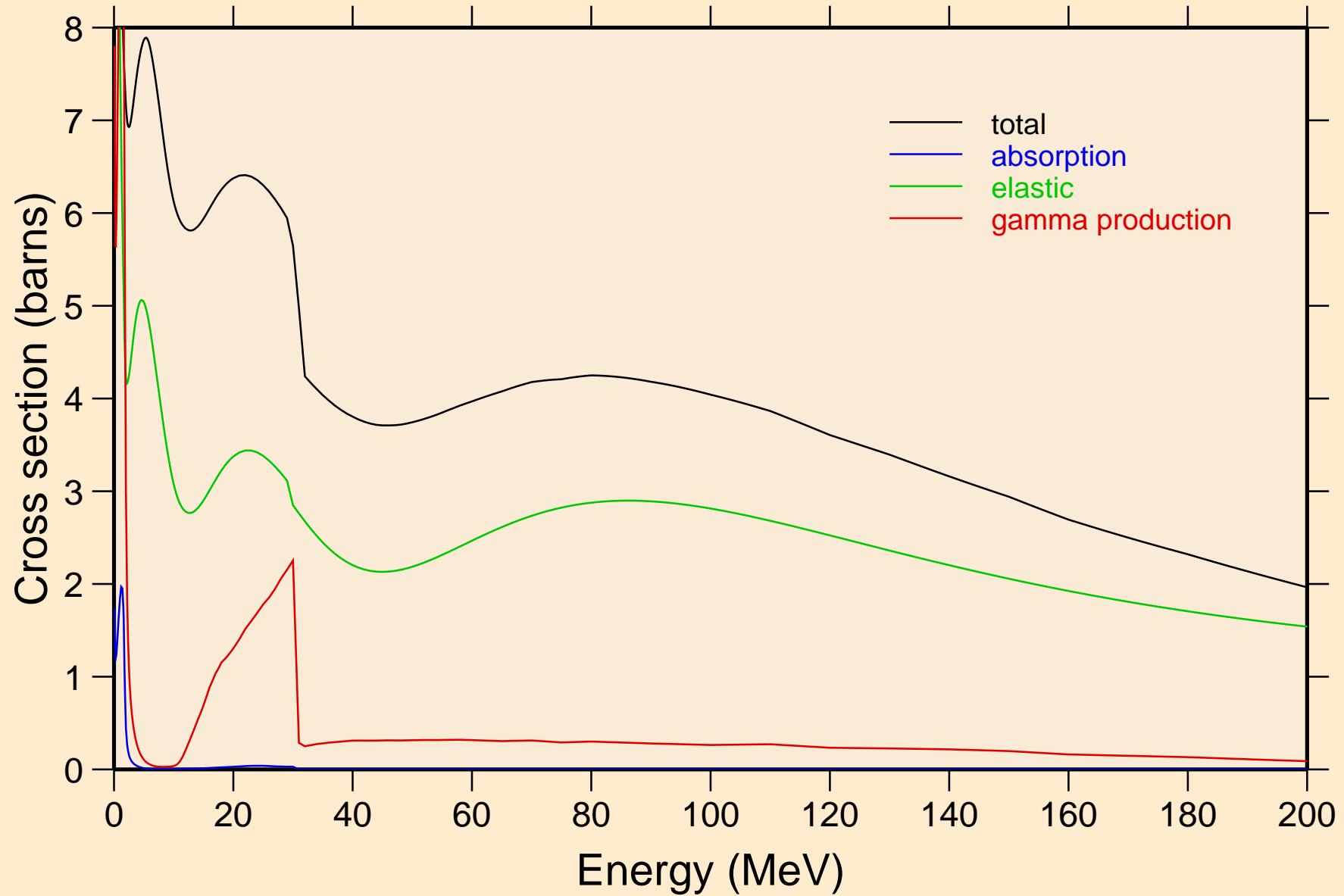


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

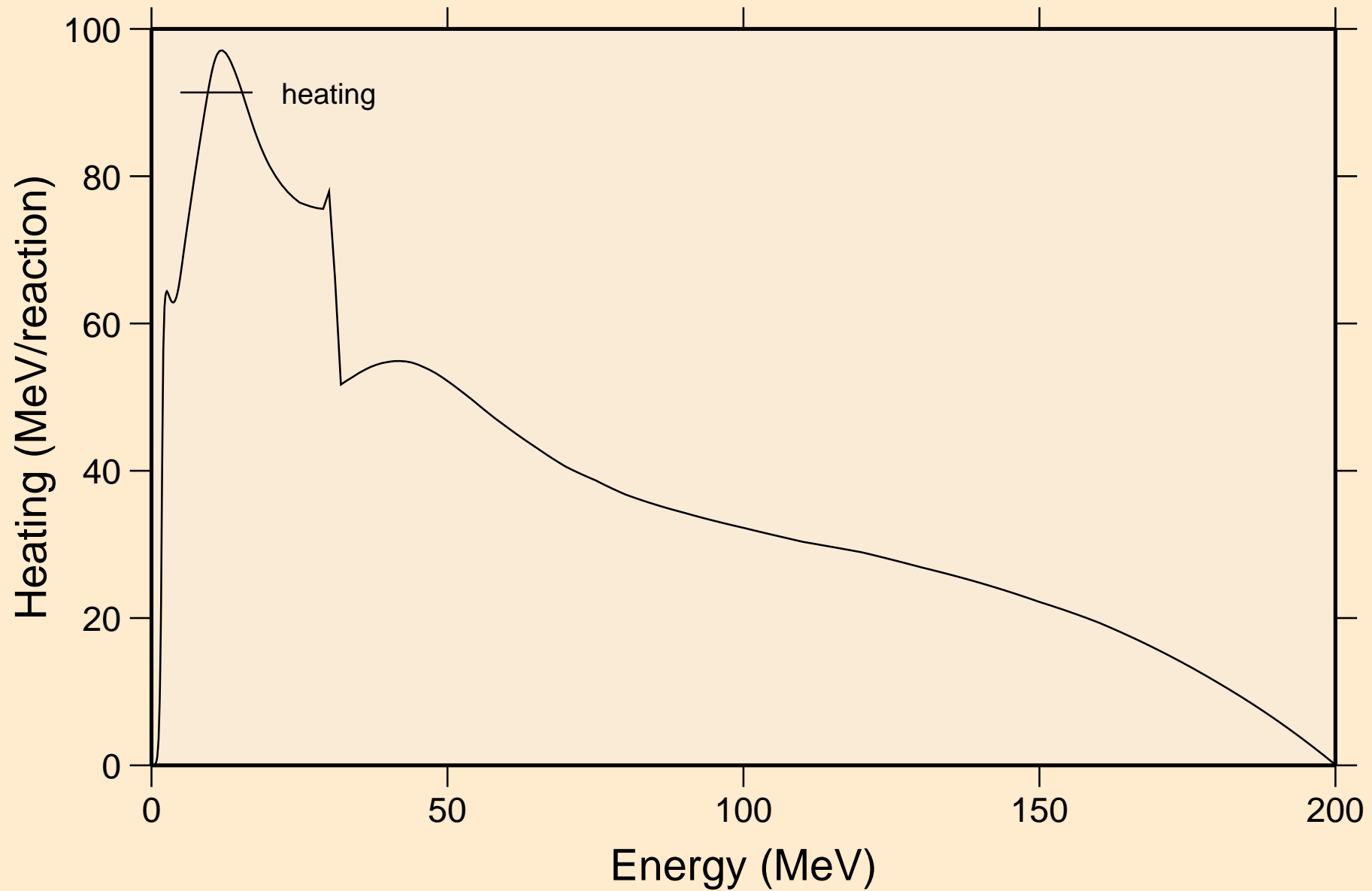


# BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

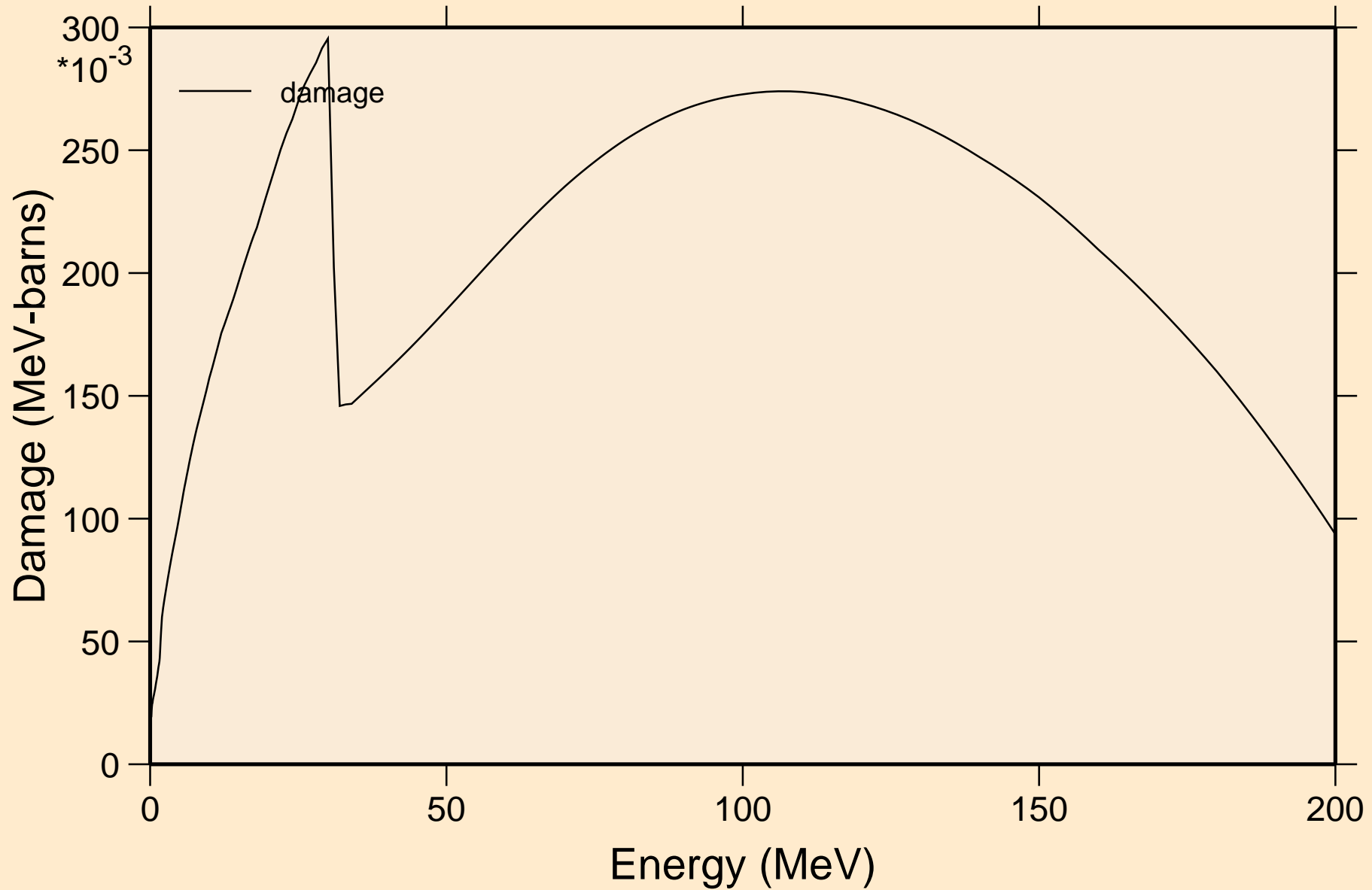


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



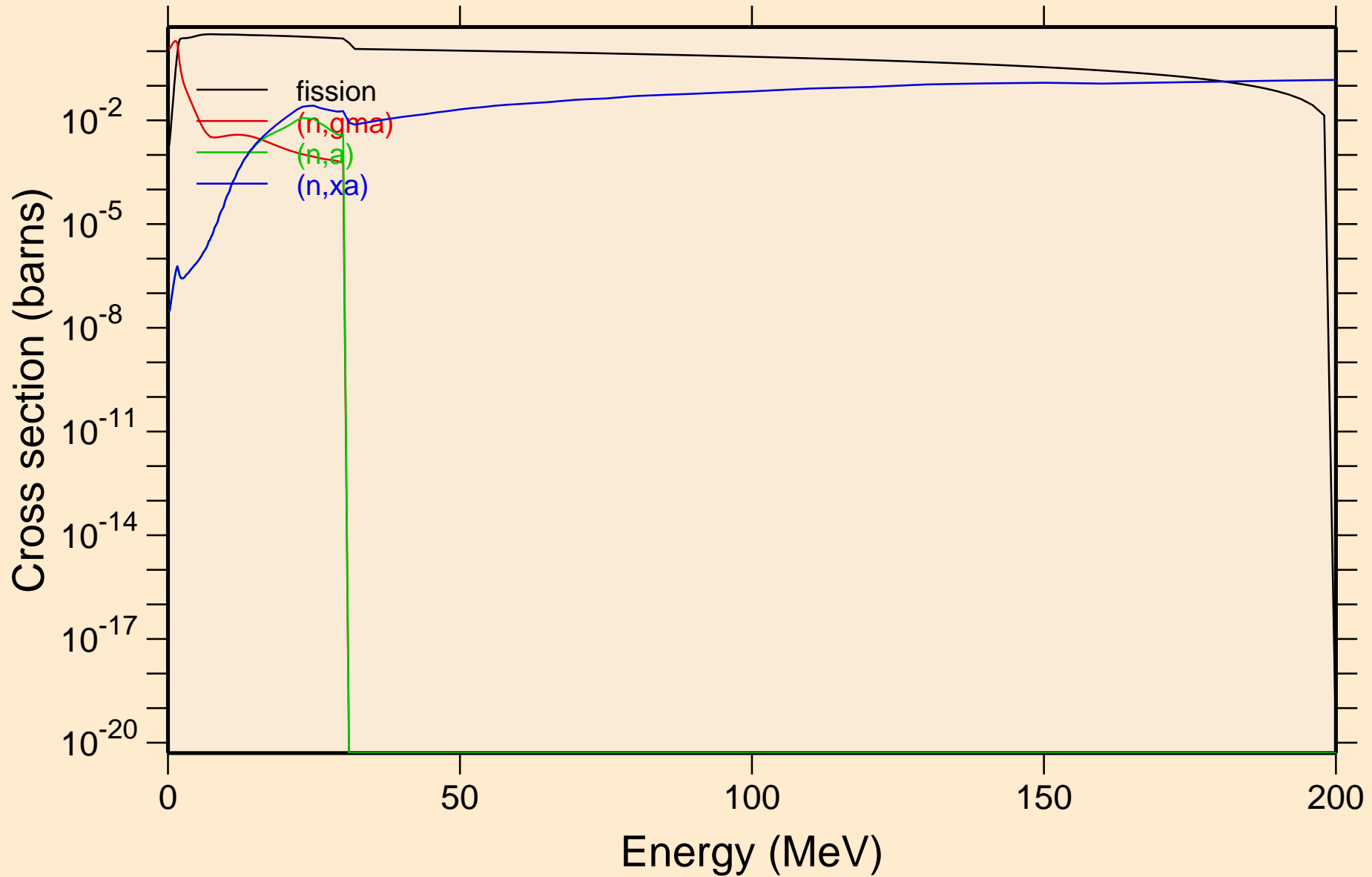


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

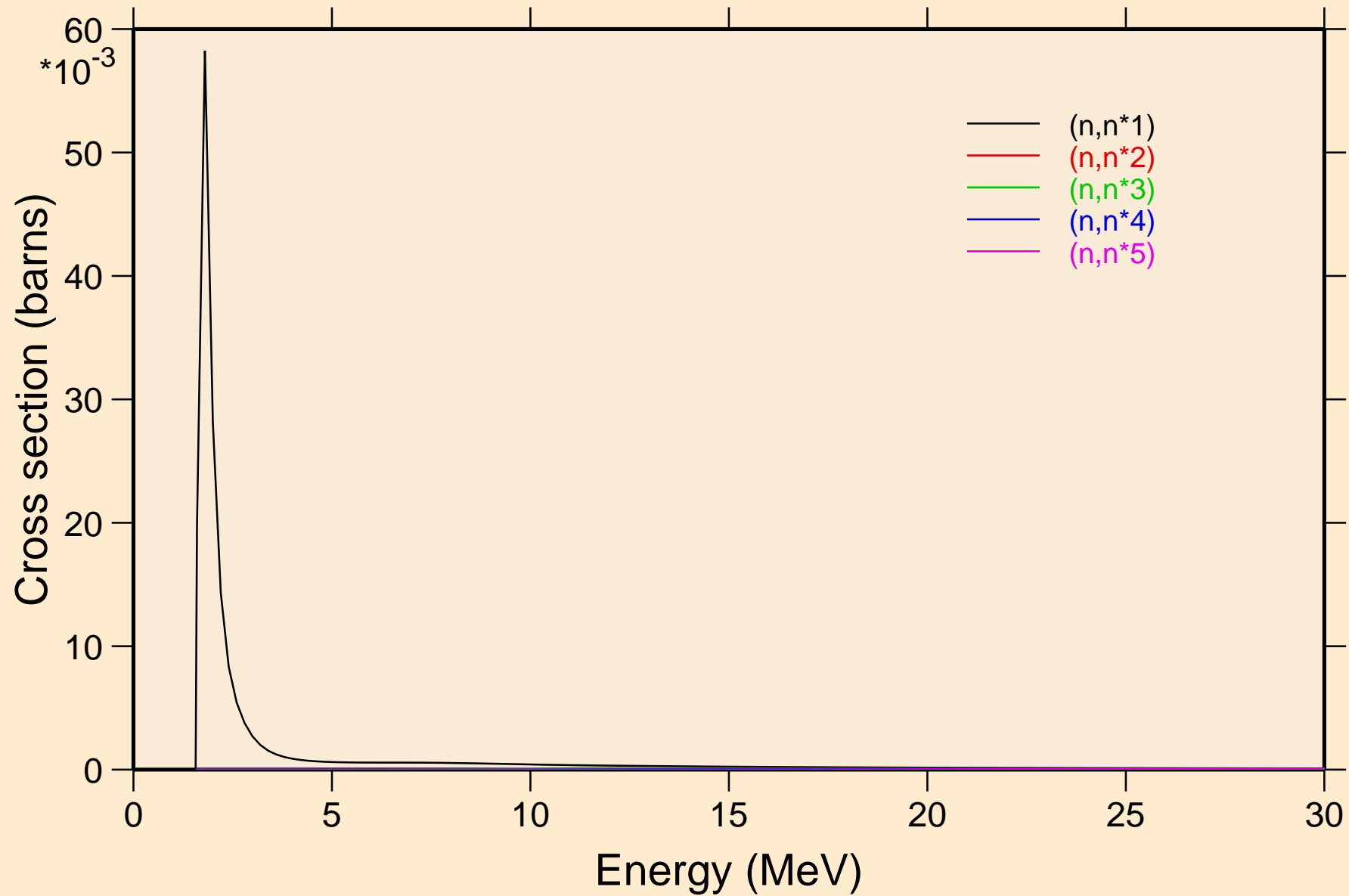


# BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

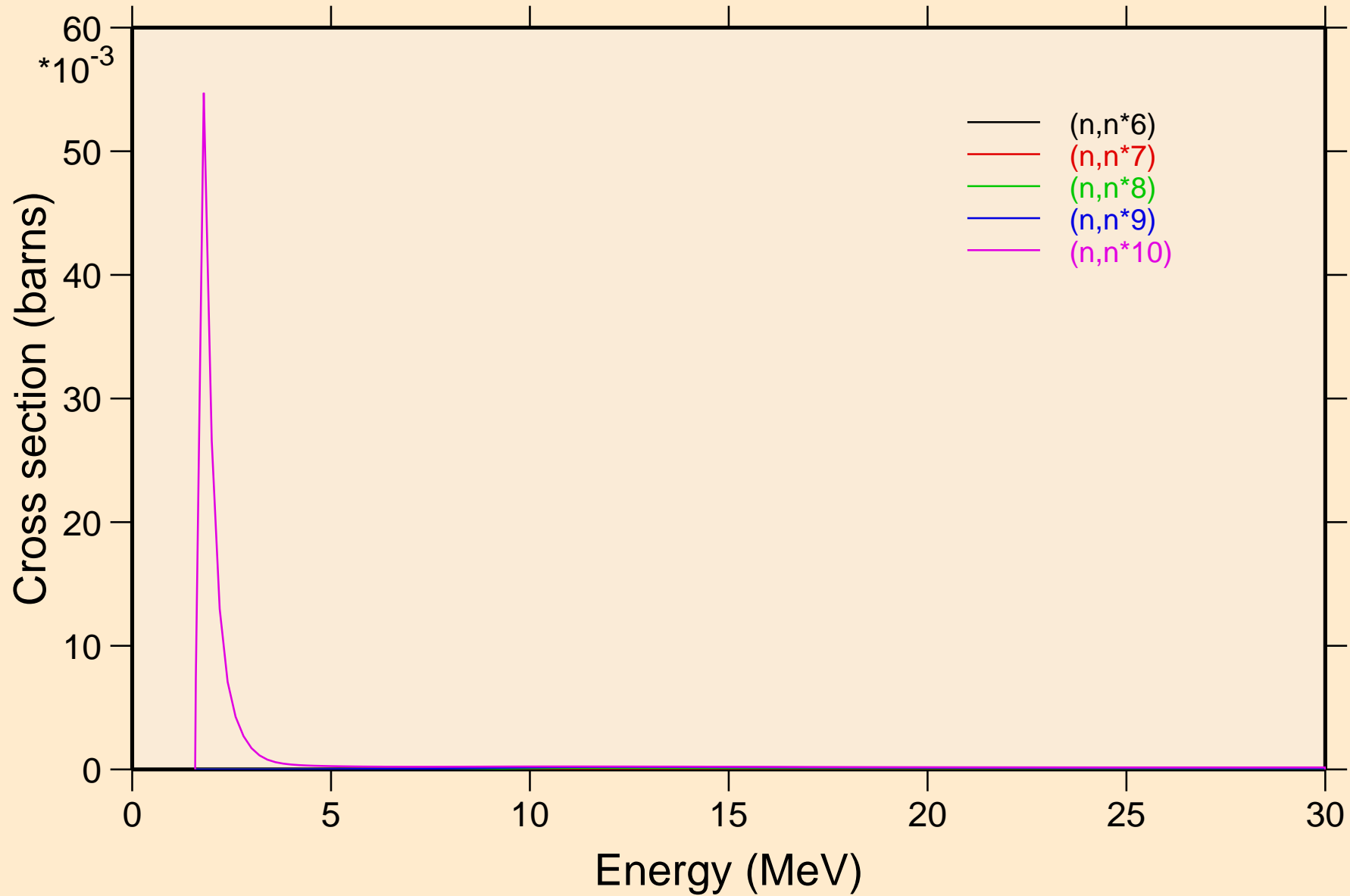
## Non-threshold reactions



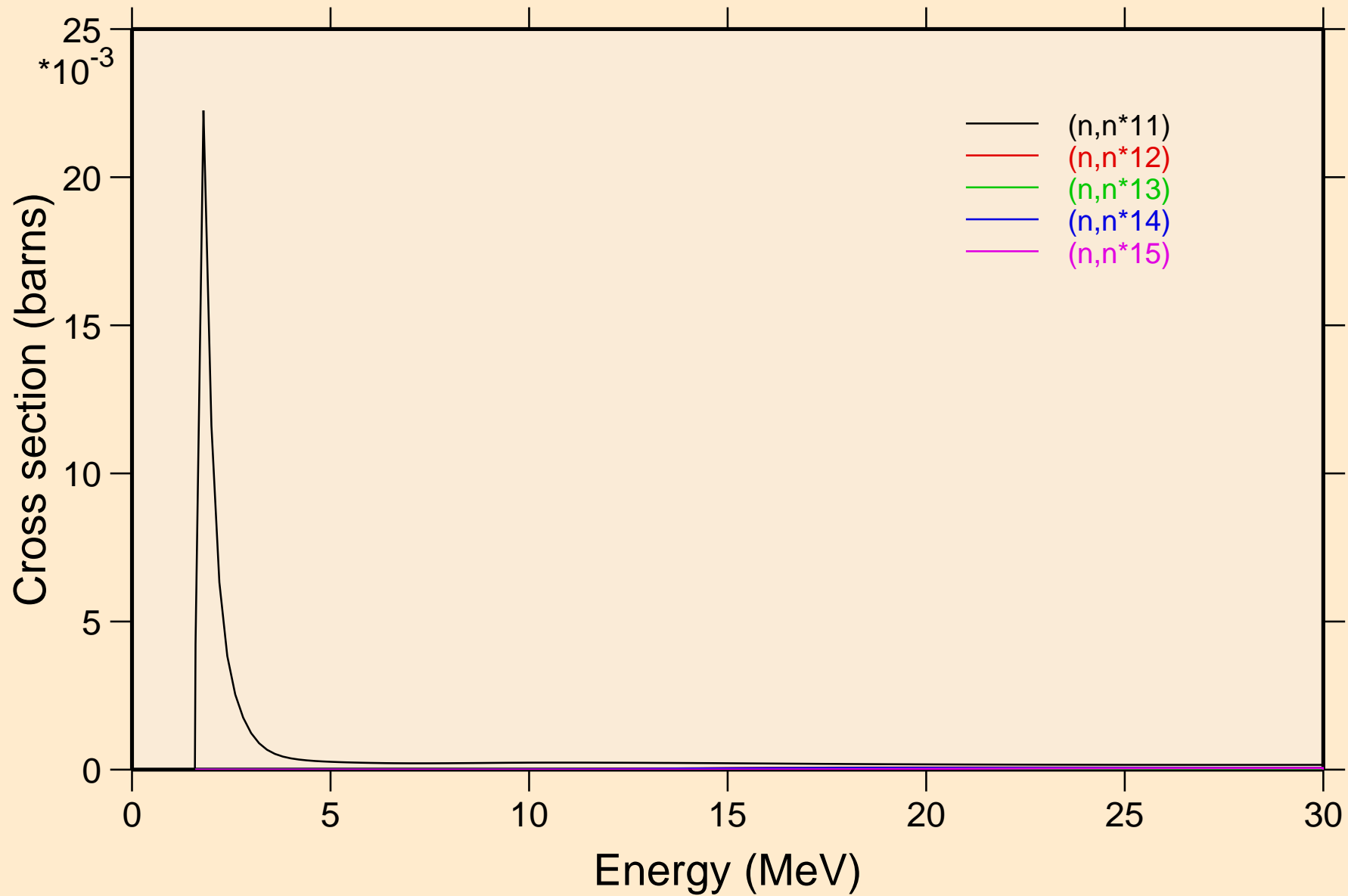
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



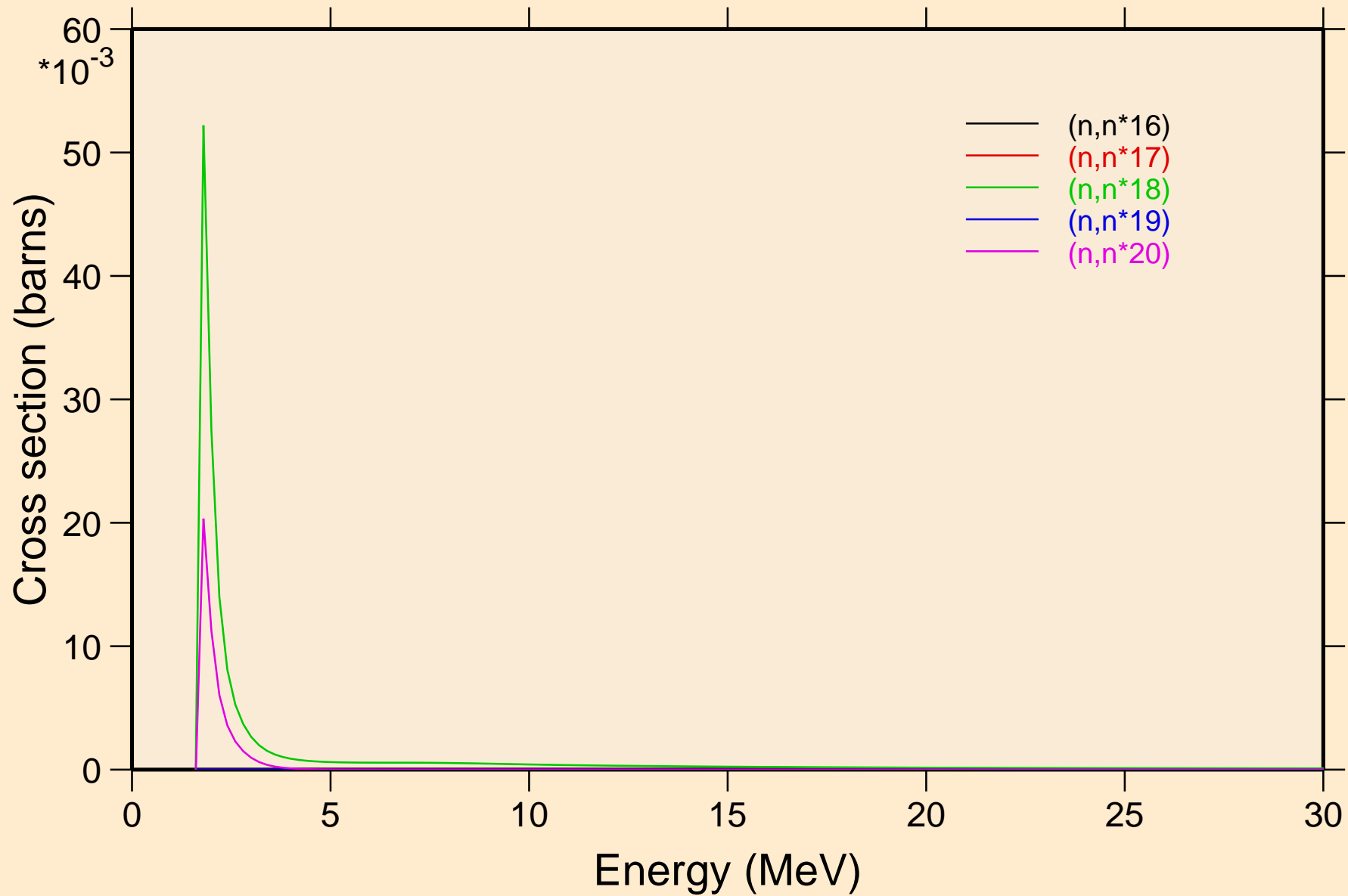
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



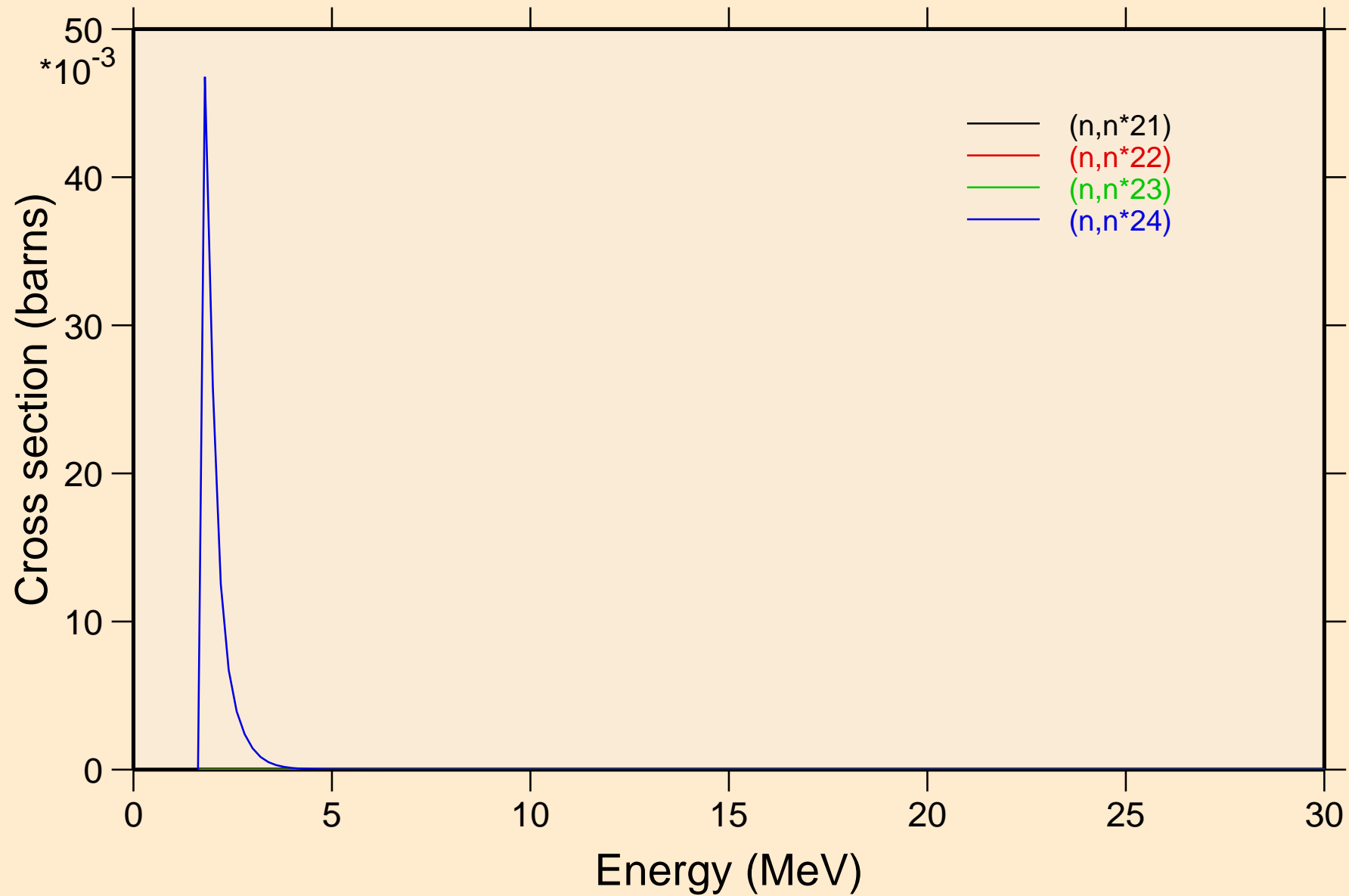
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



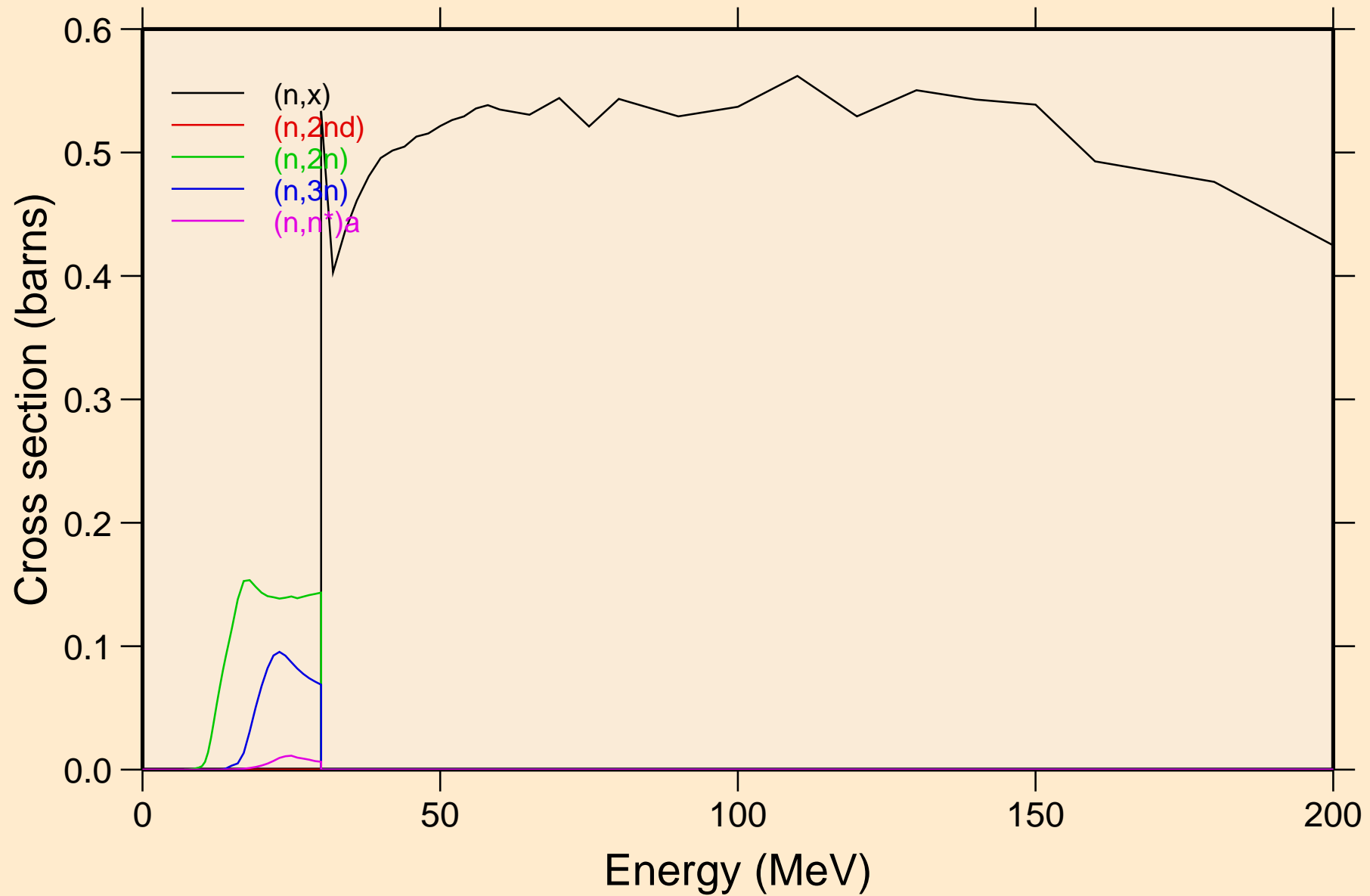
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

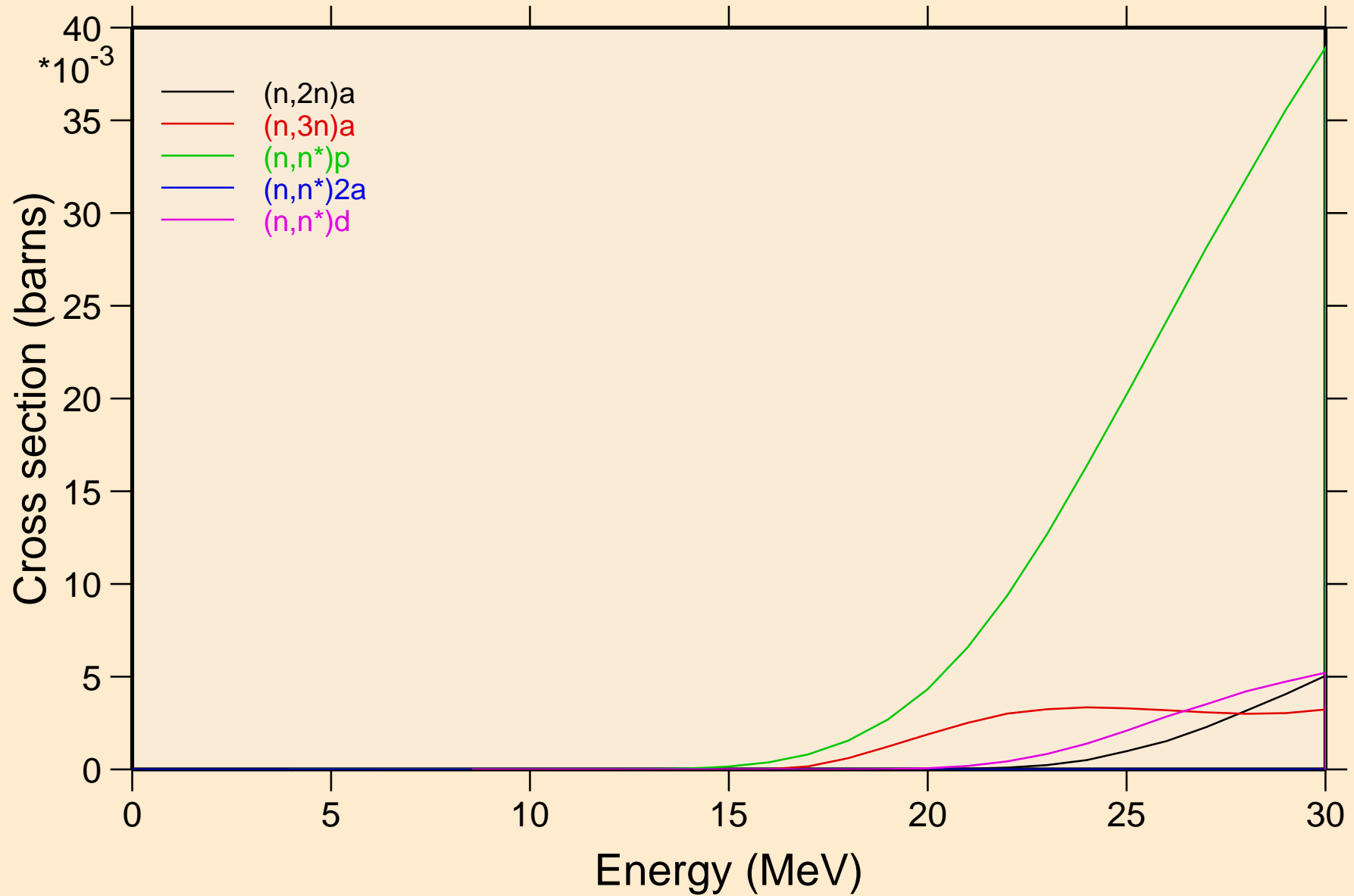


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

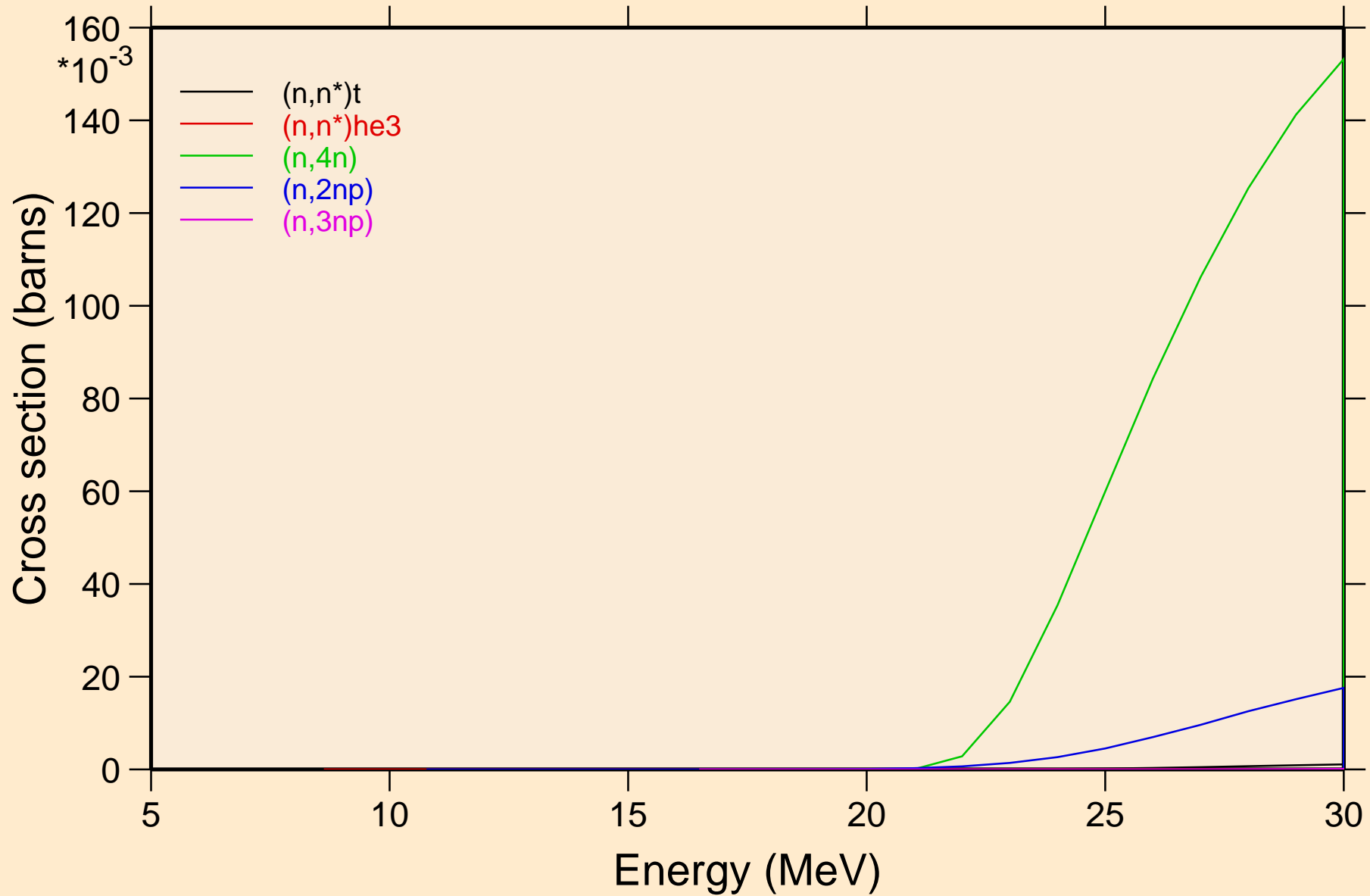




BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

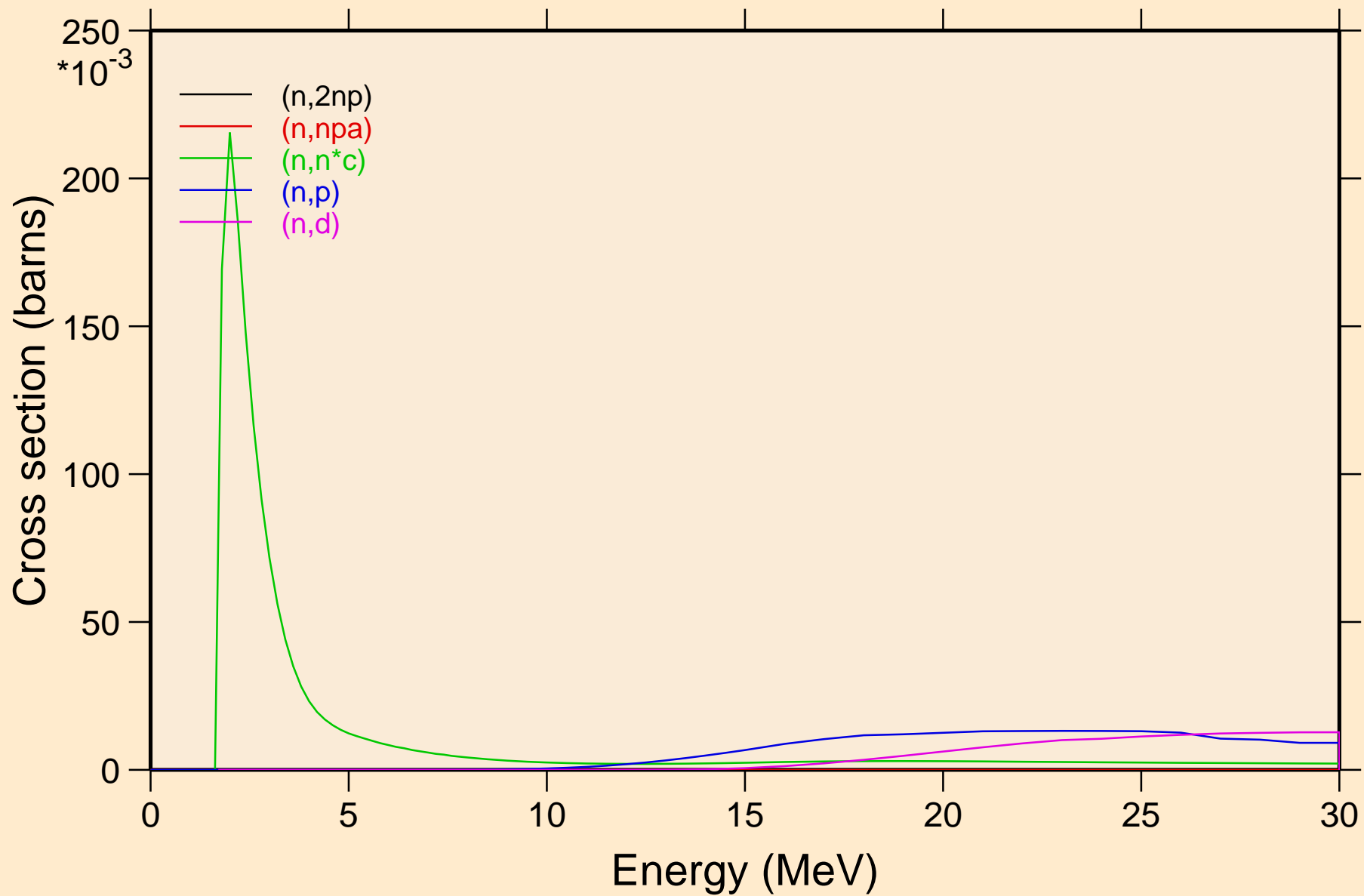


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

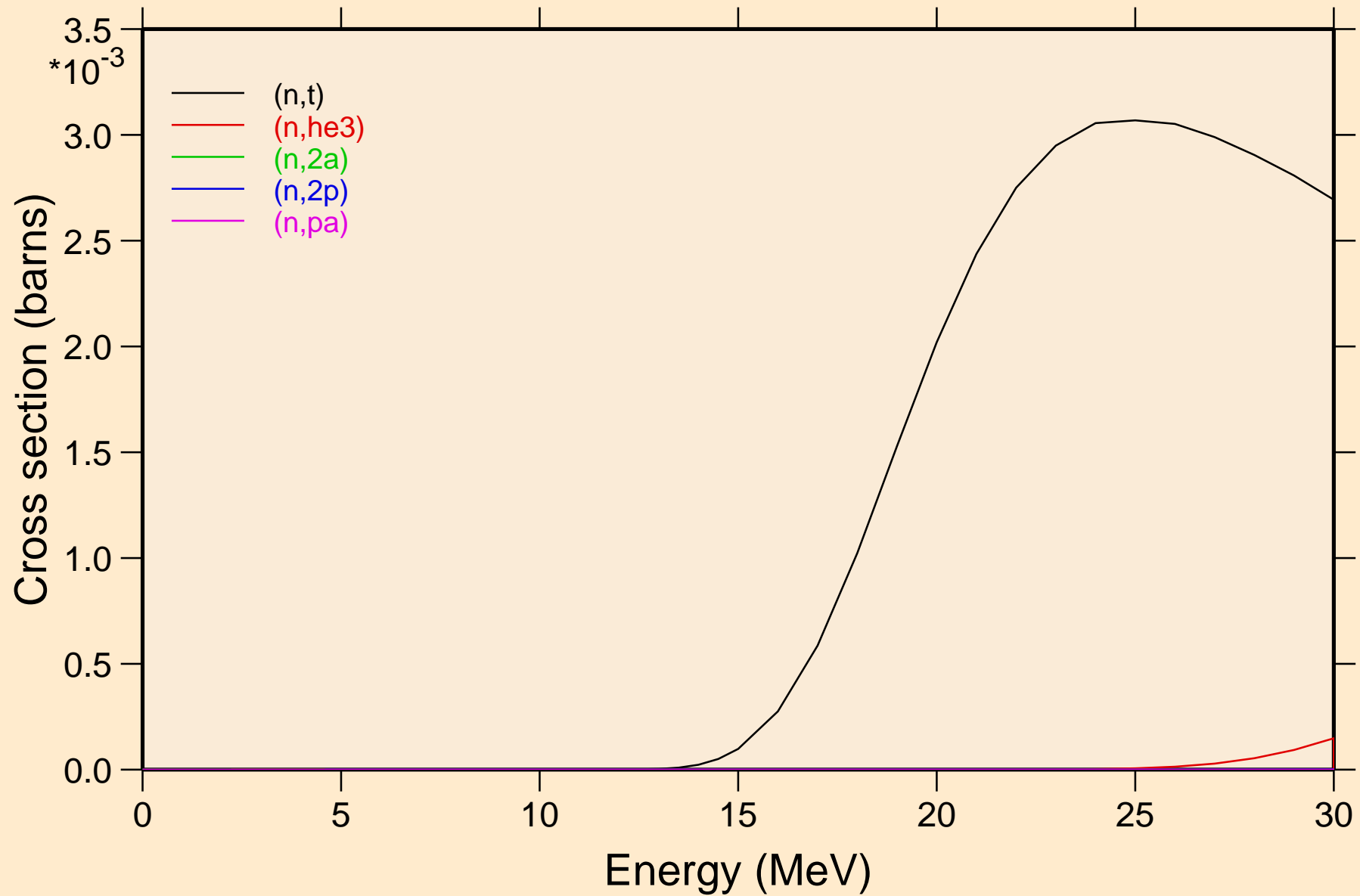


# BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

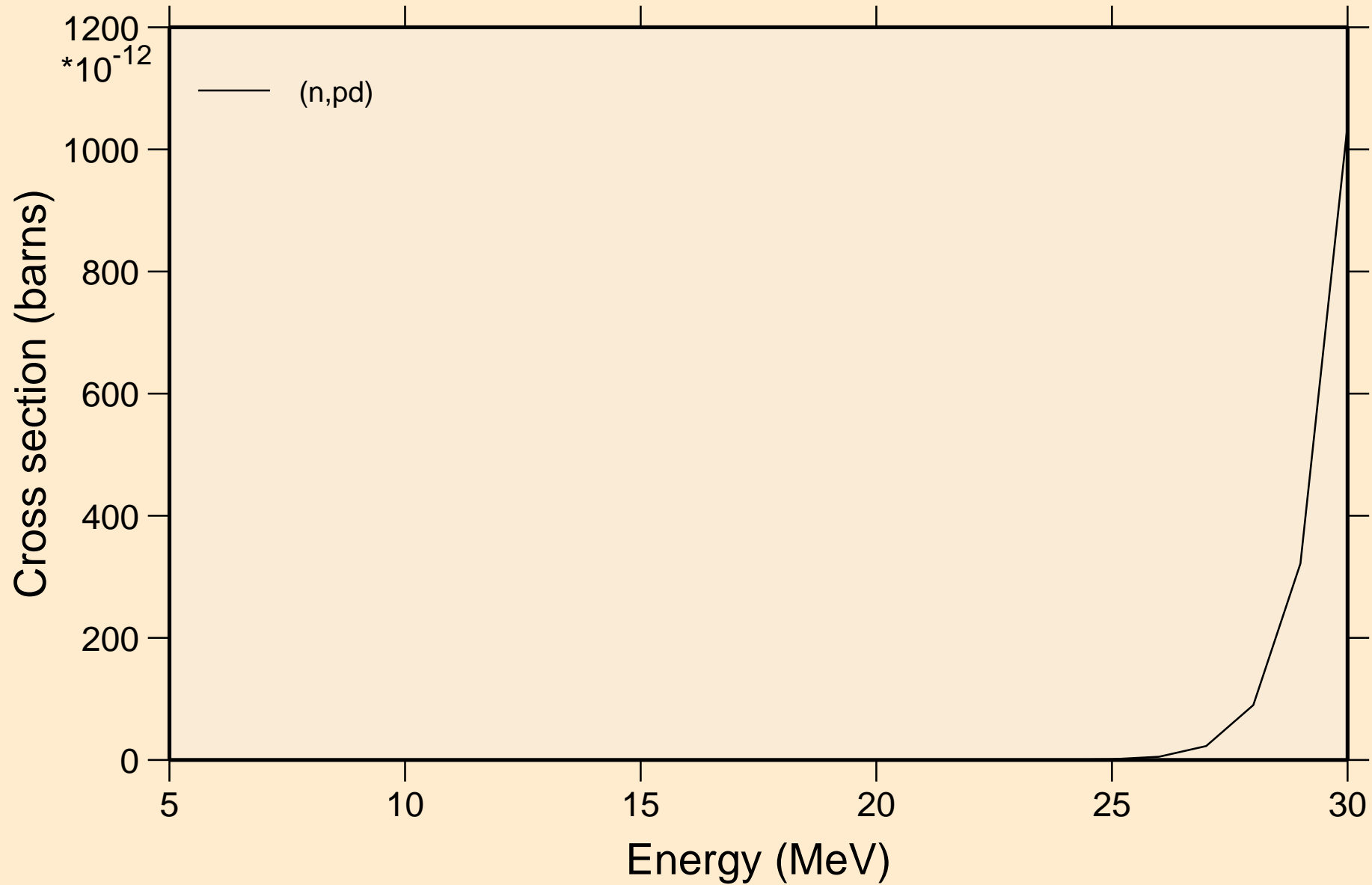
## Threshold reactions



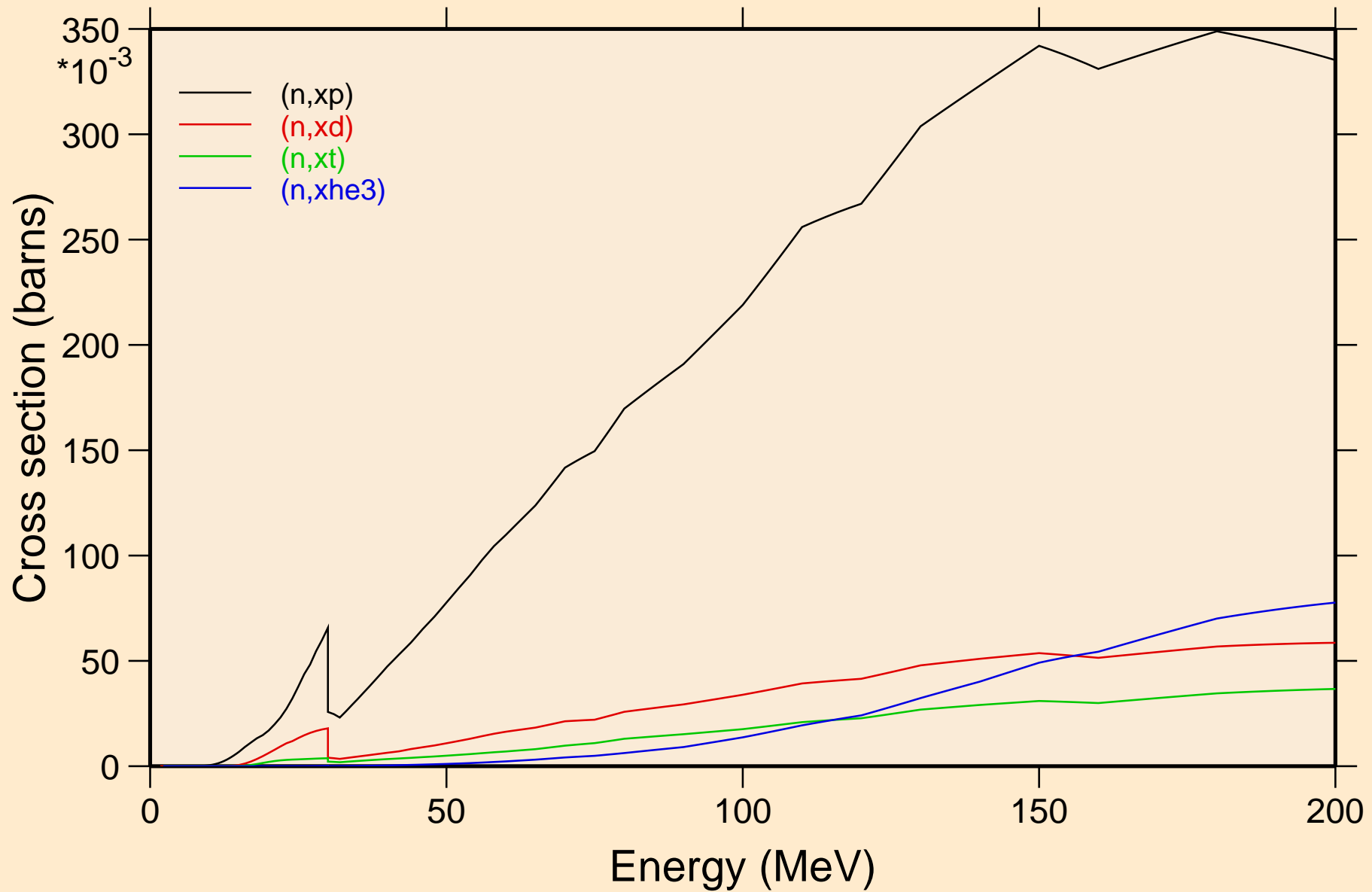
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



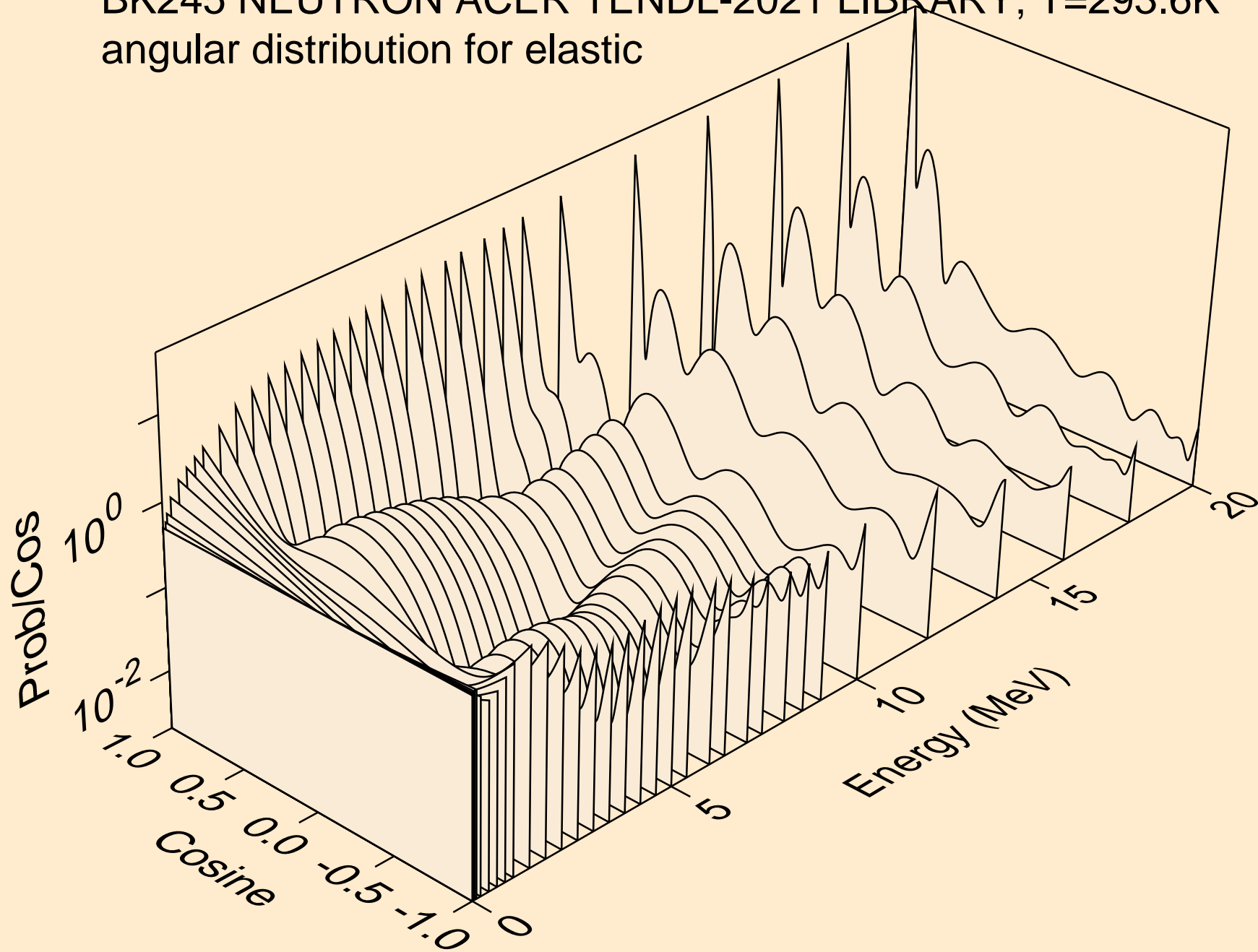
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



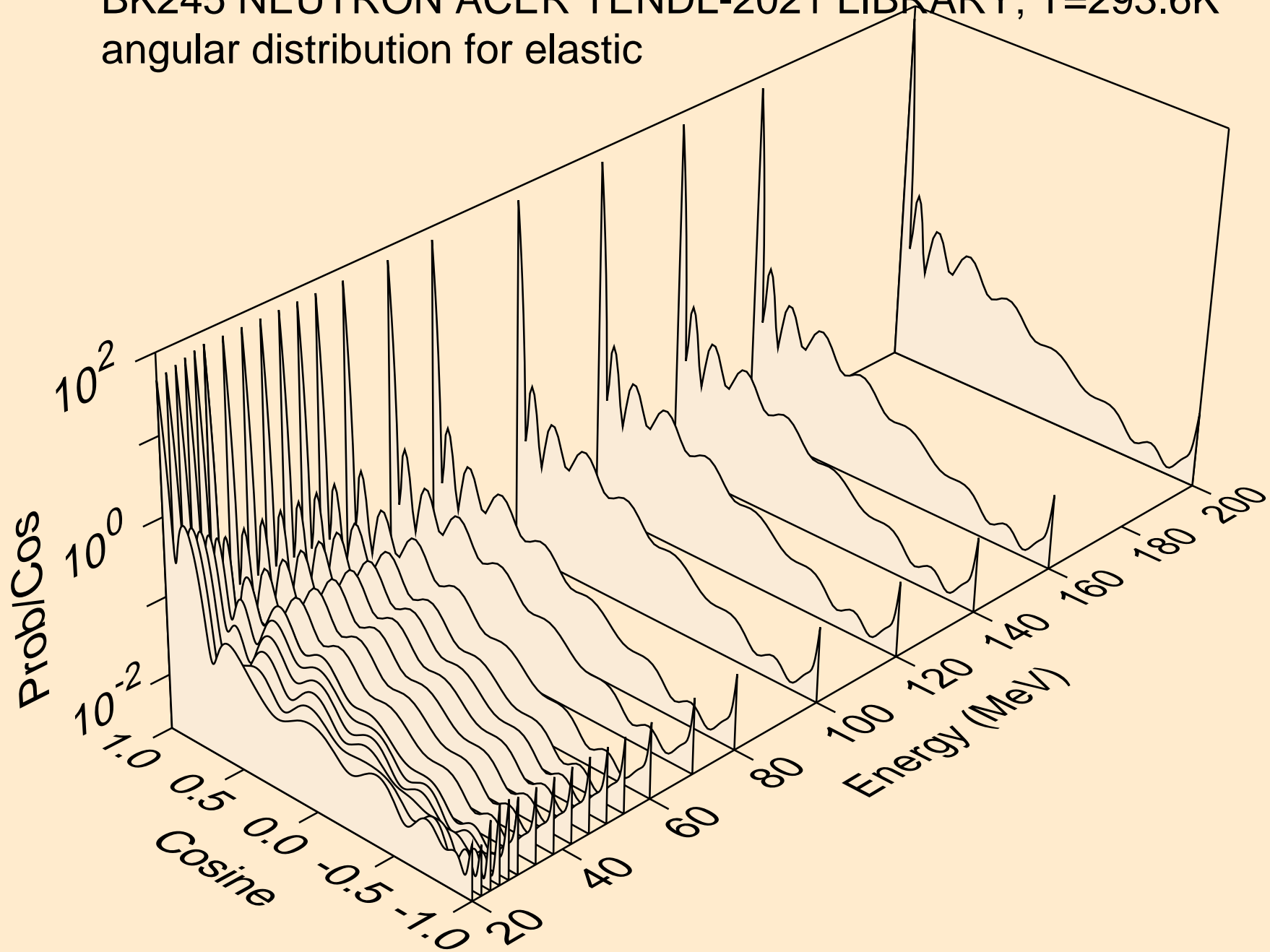
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

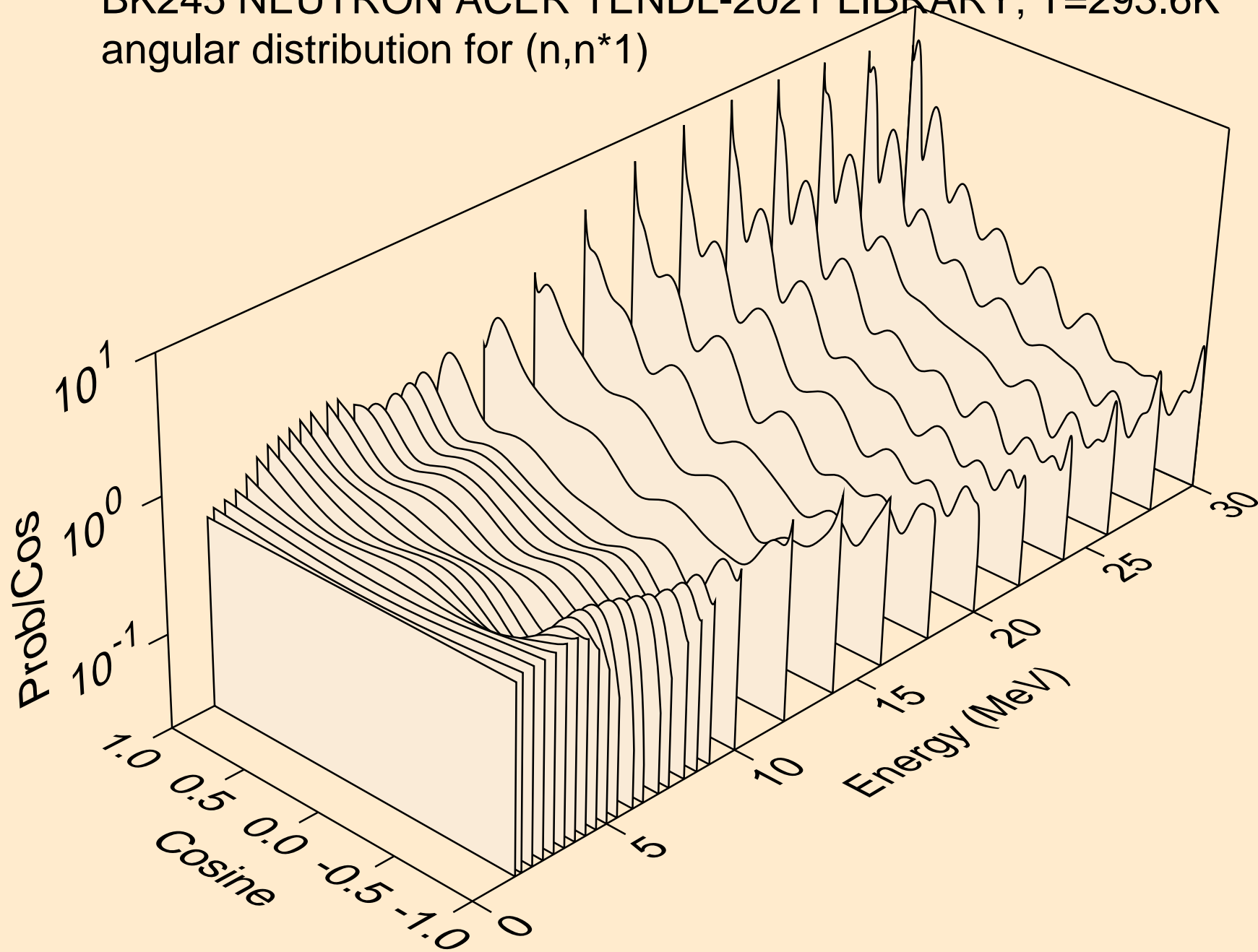


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

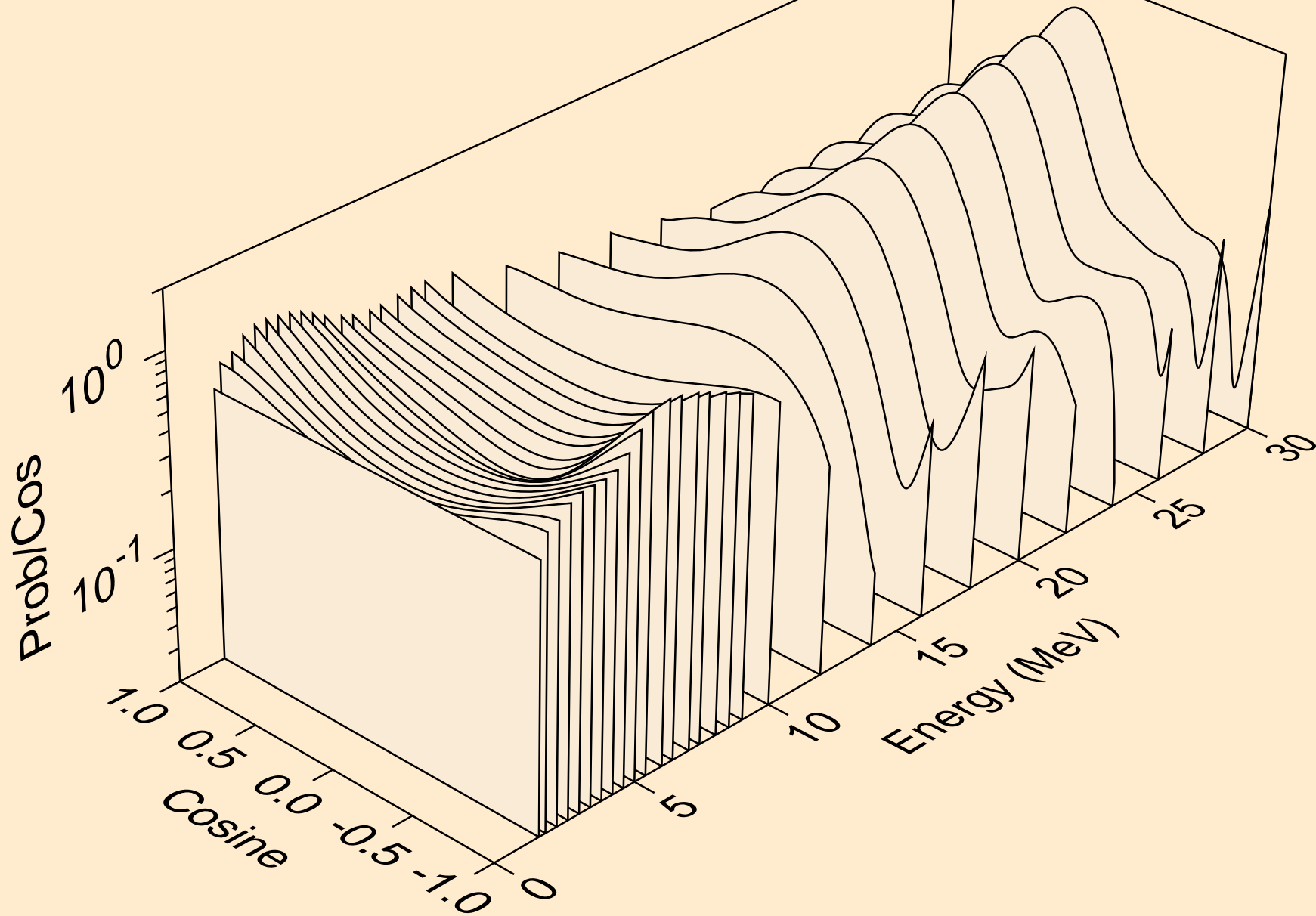




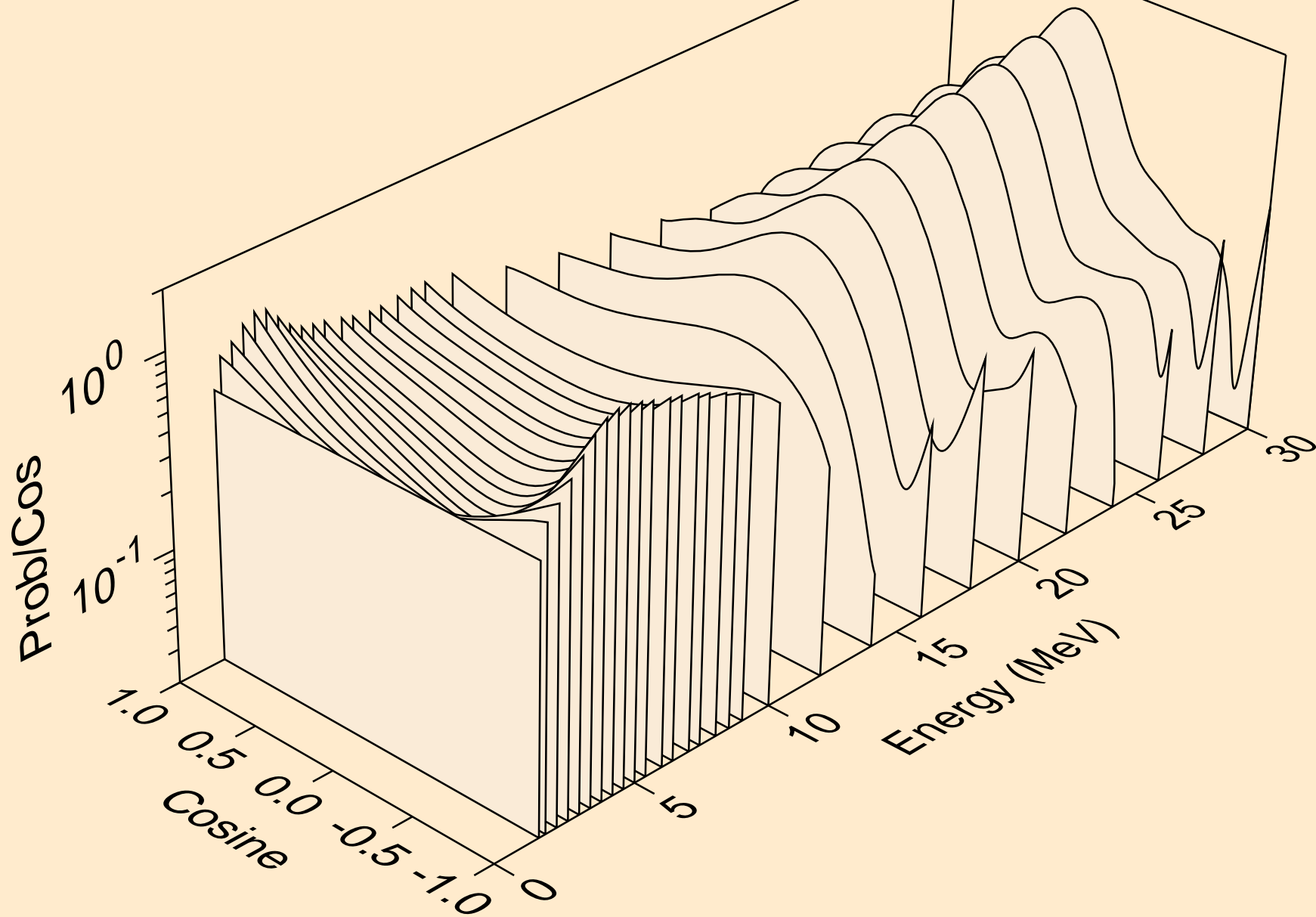
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



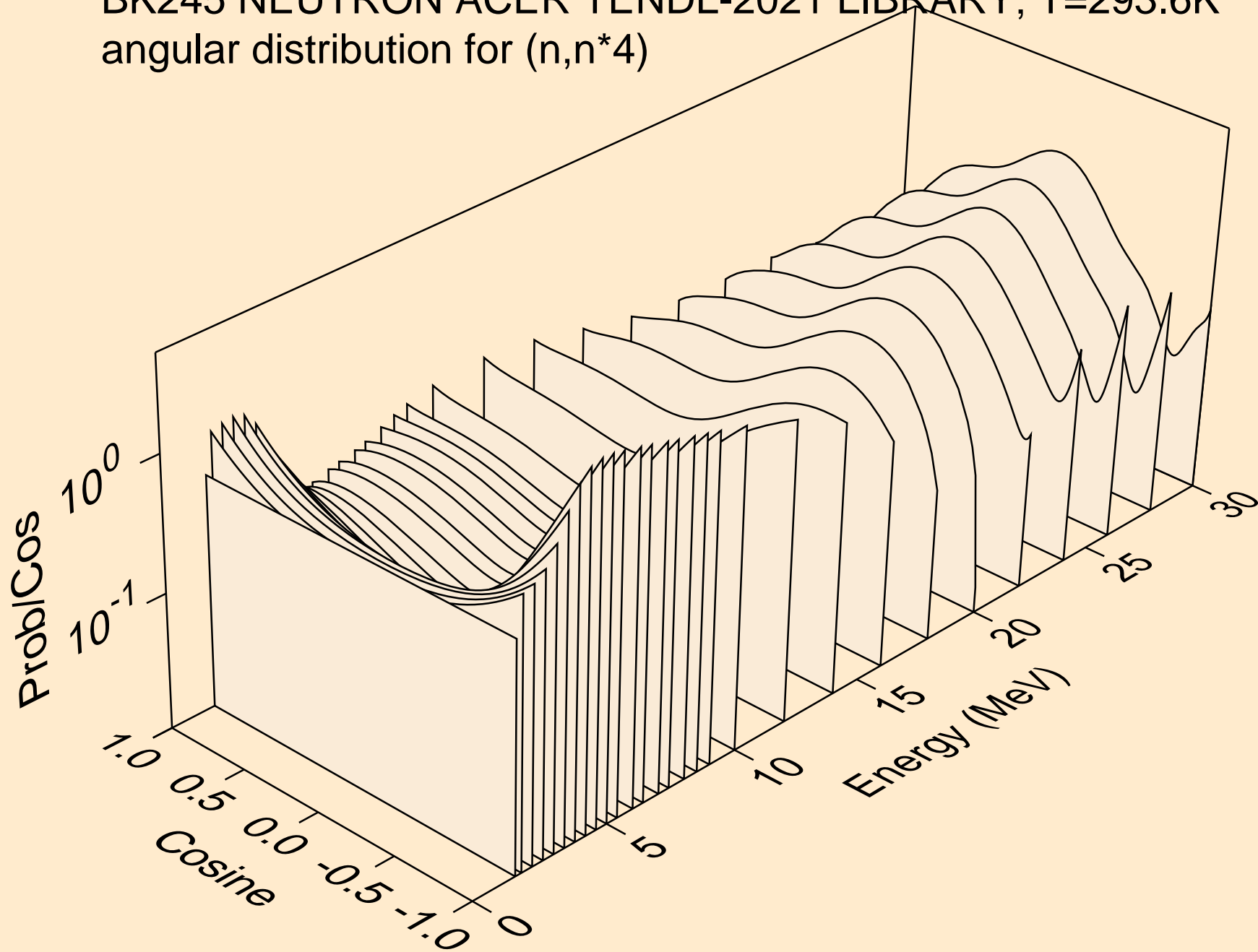
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



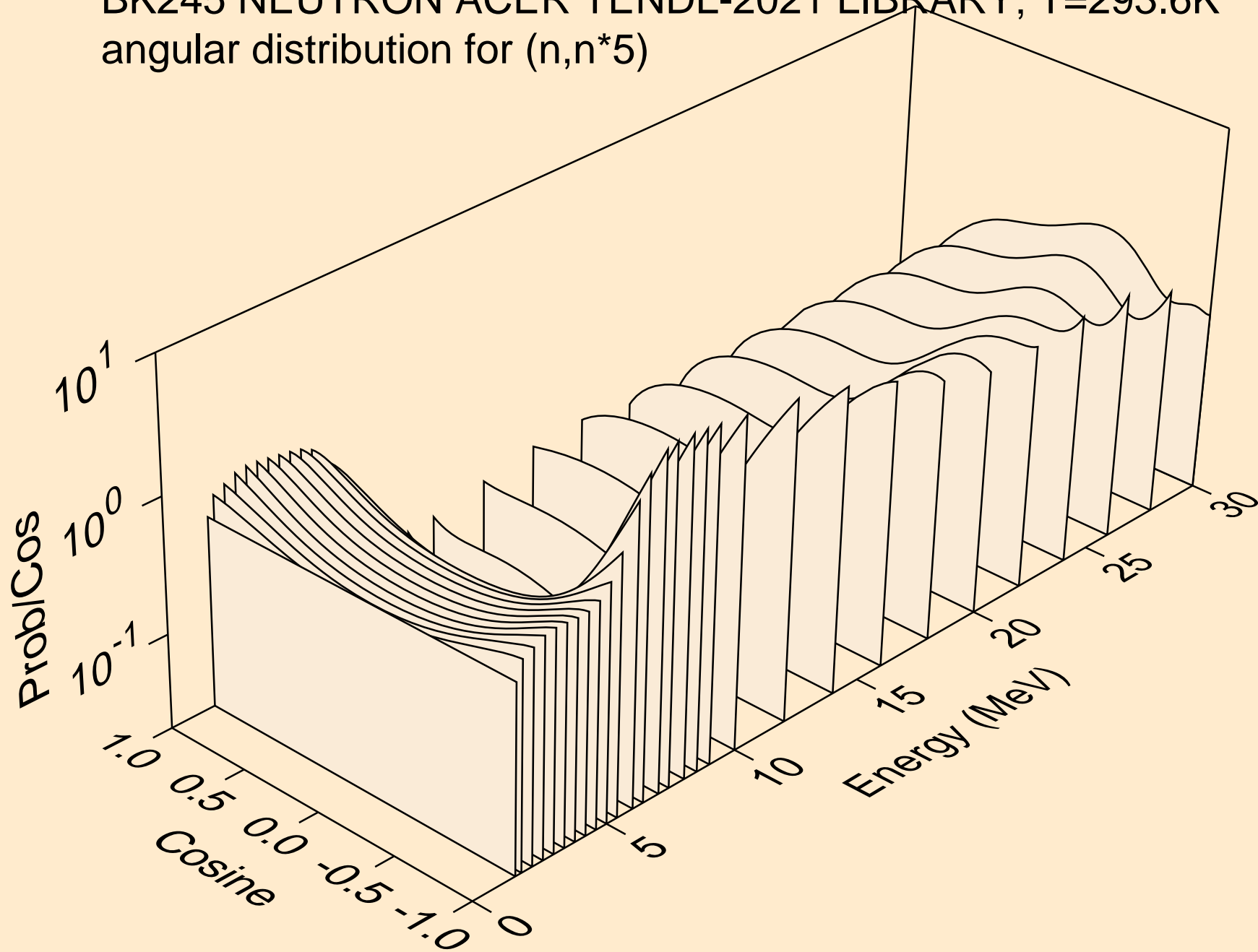
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angular distribution for (n,n\*3)



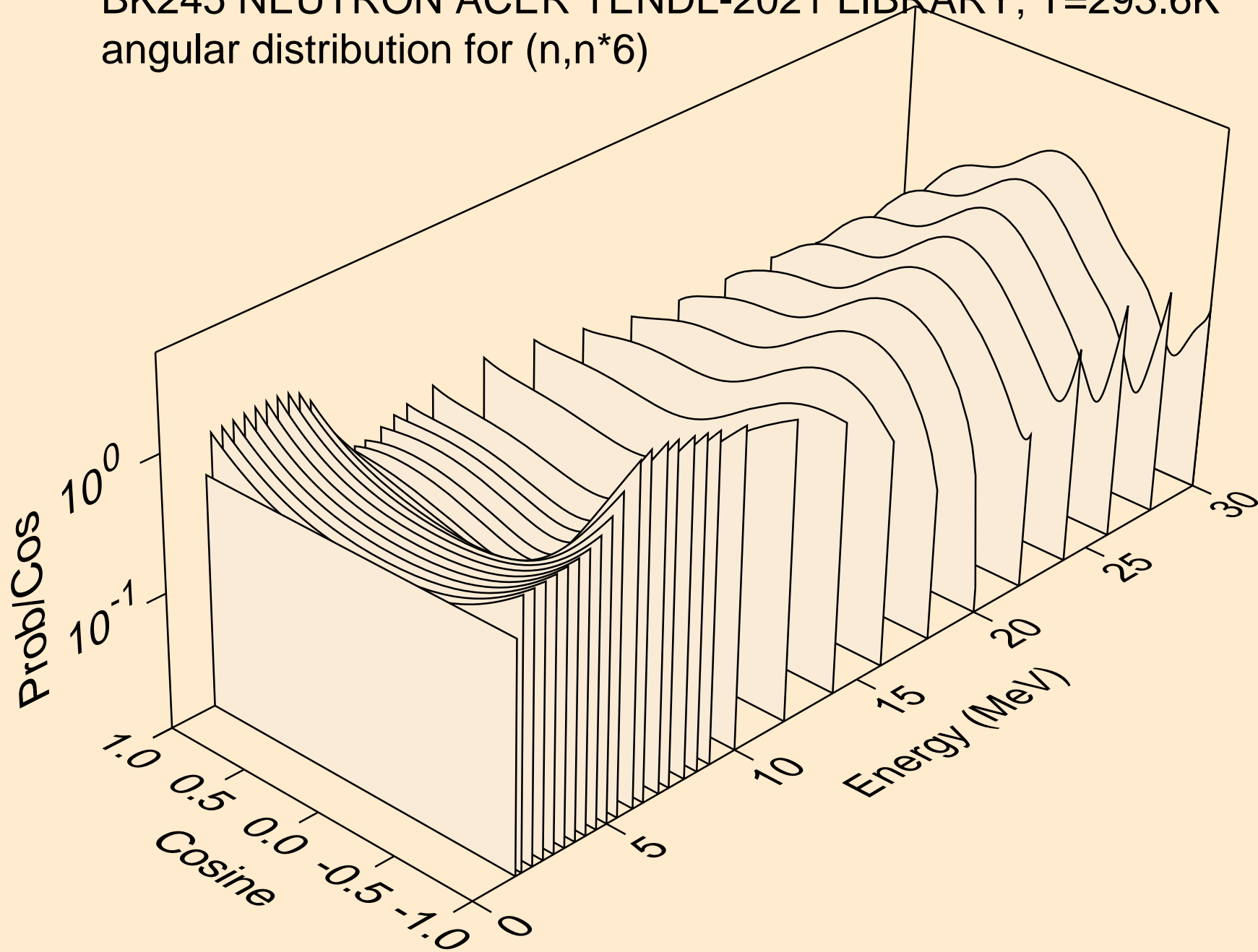
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



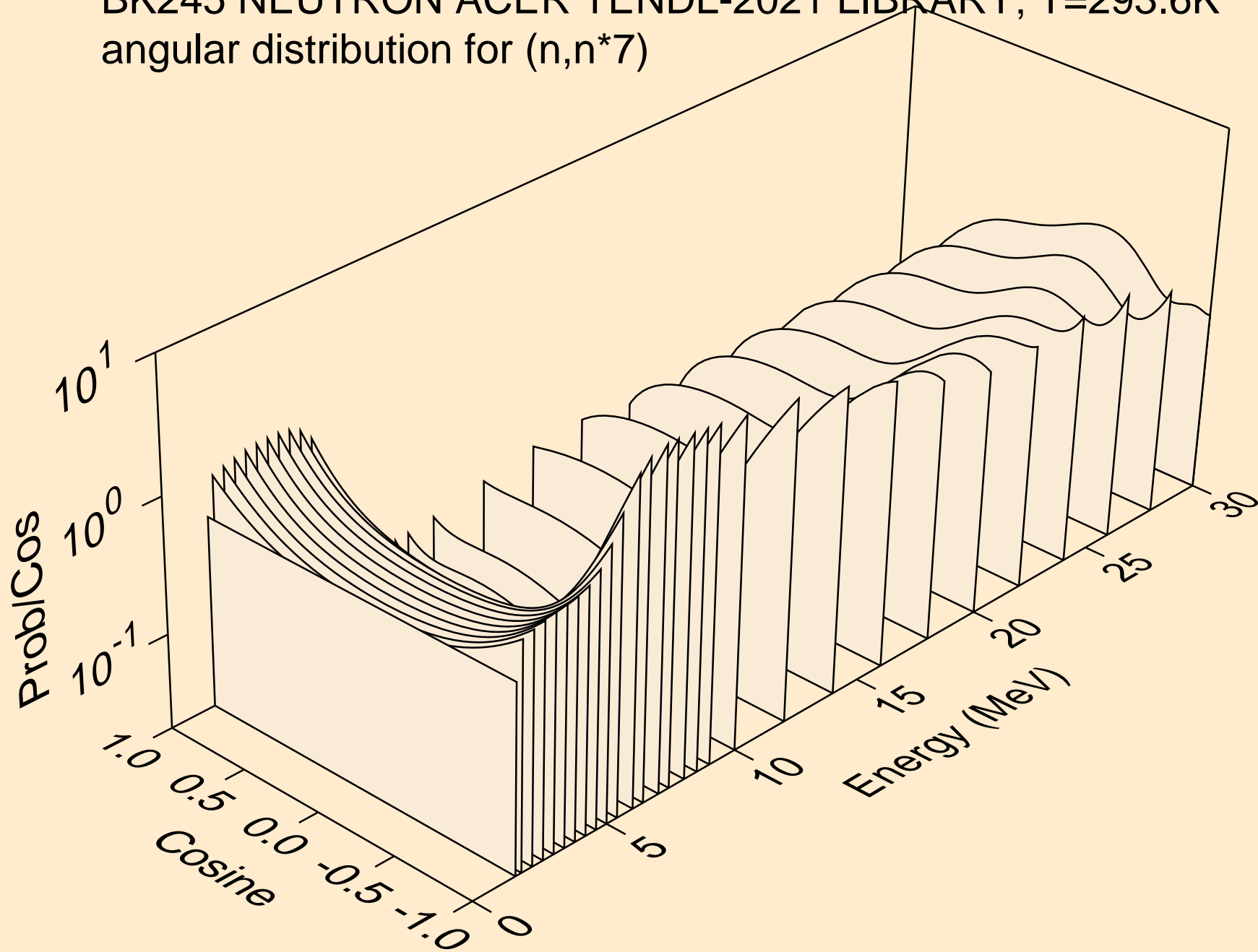
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



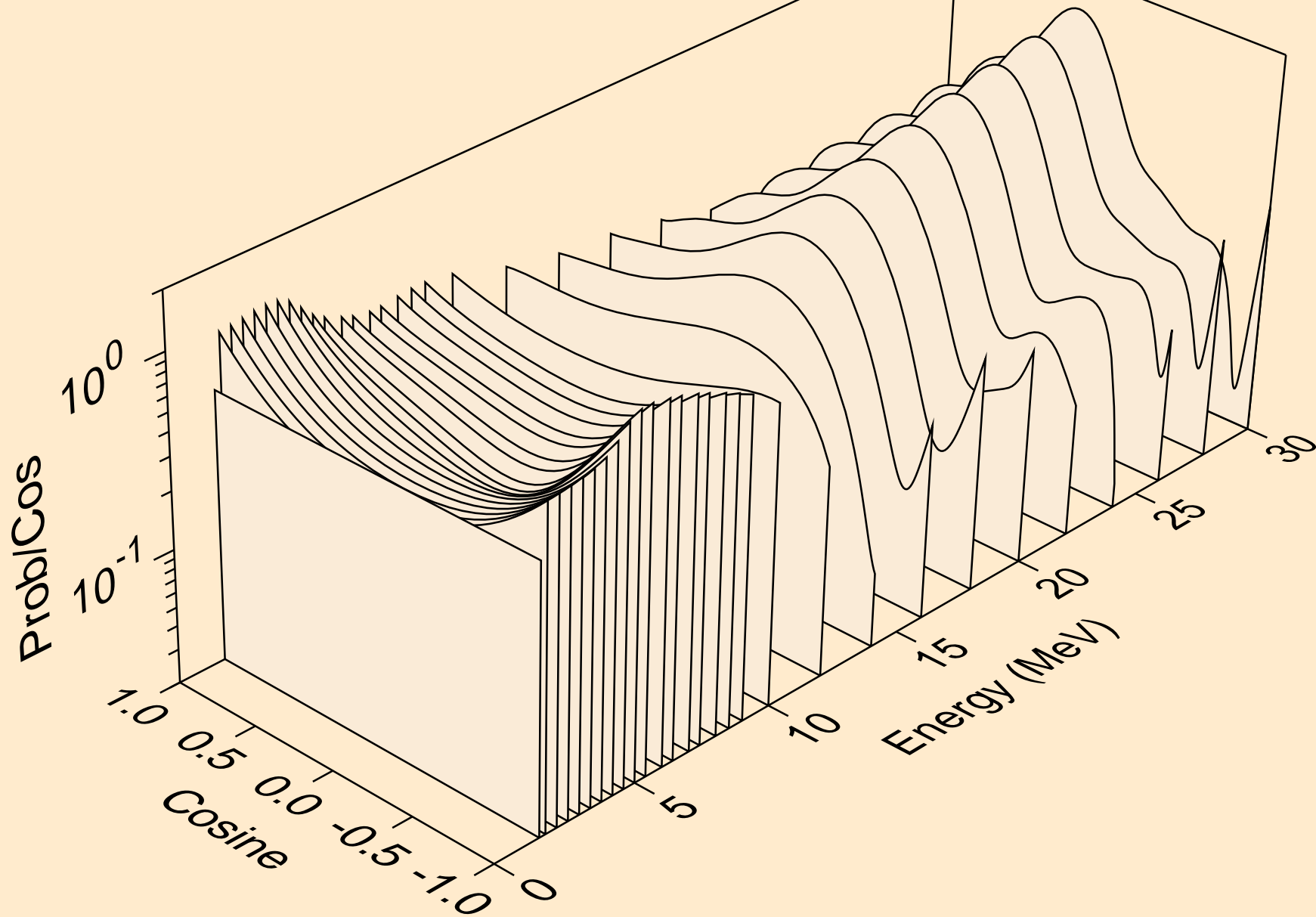
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

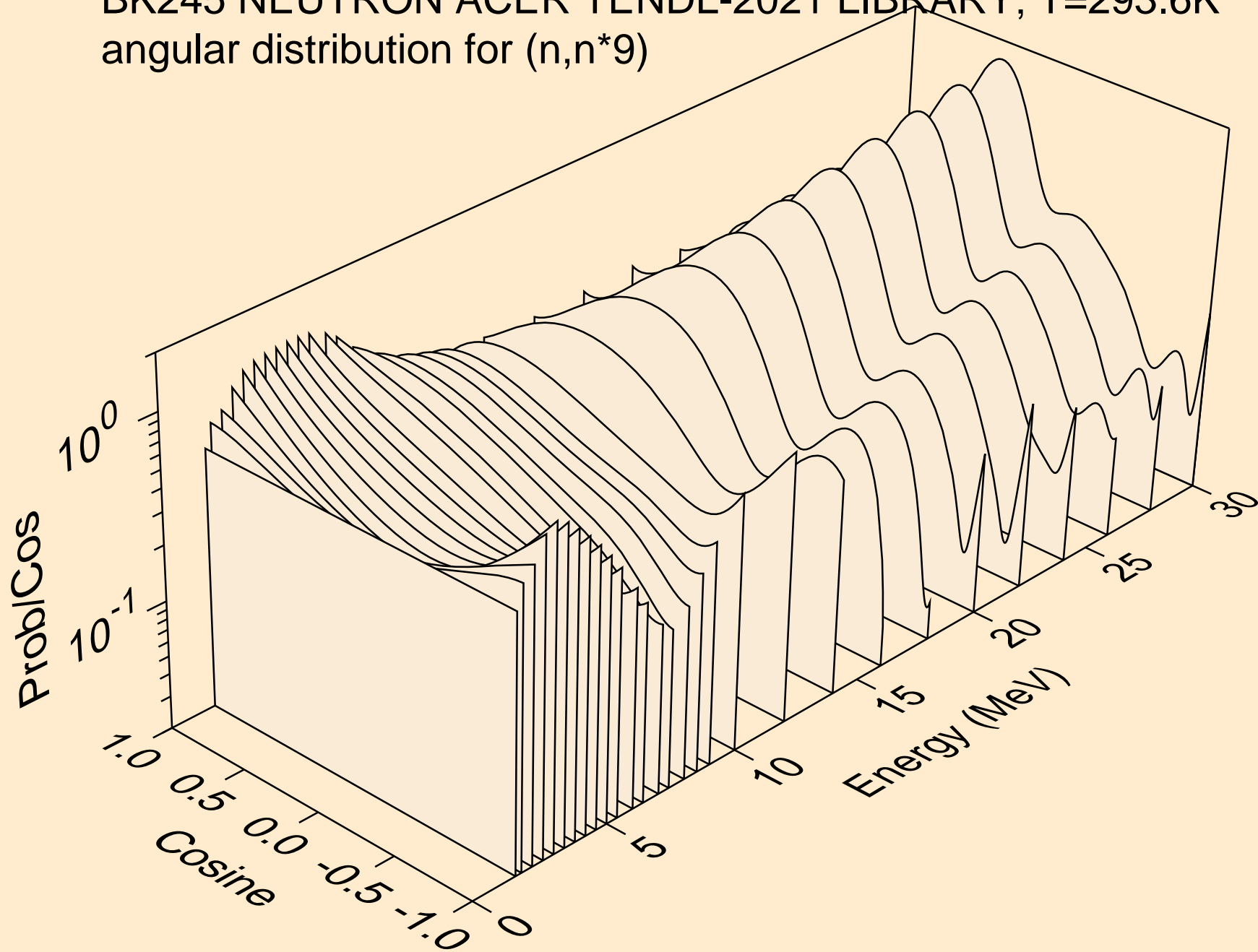


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angular distribution for (n,n\*8)

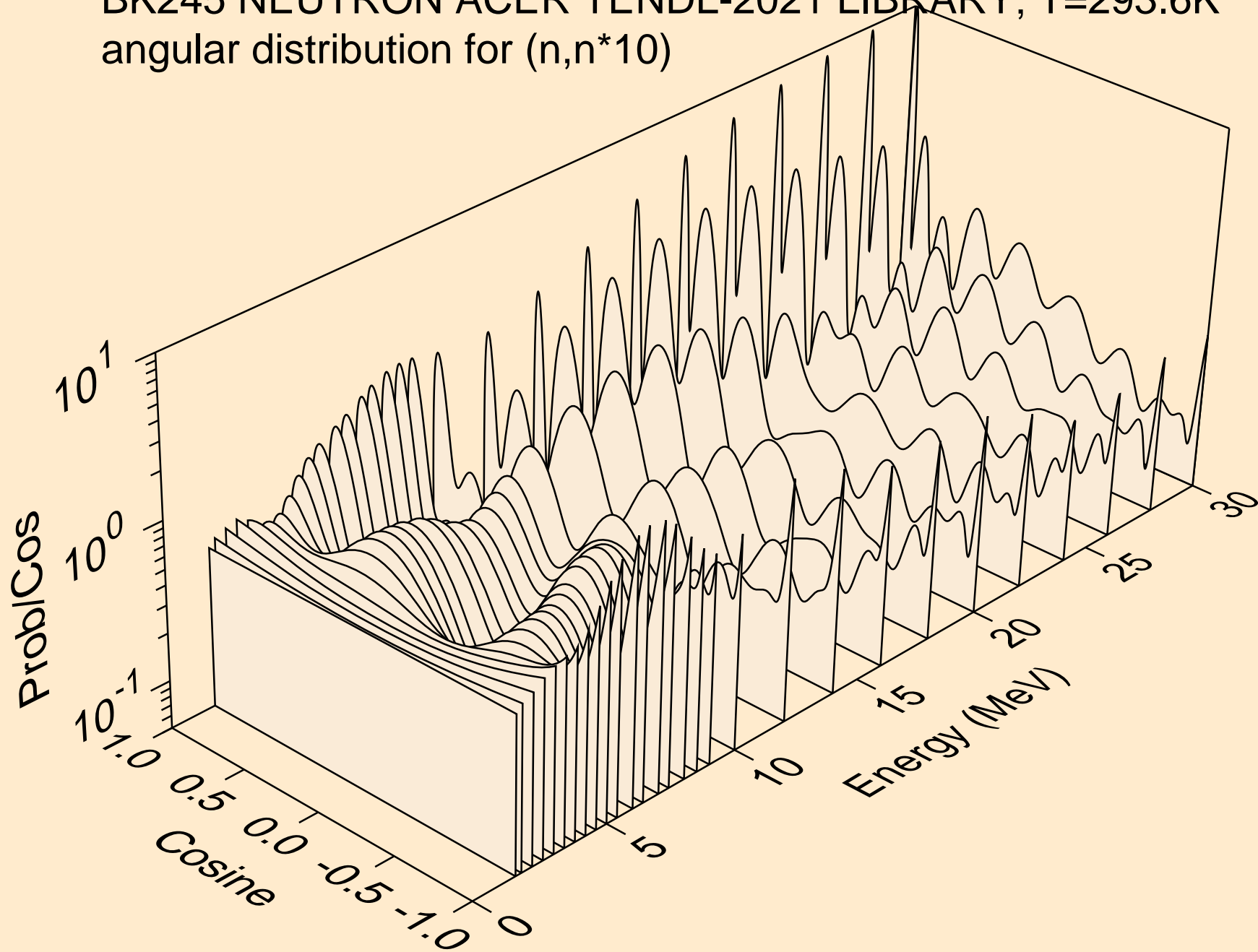




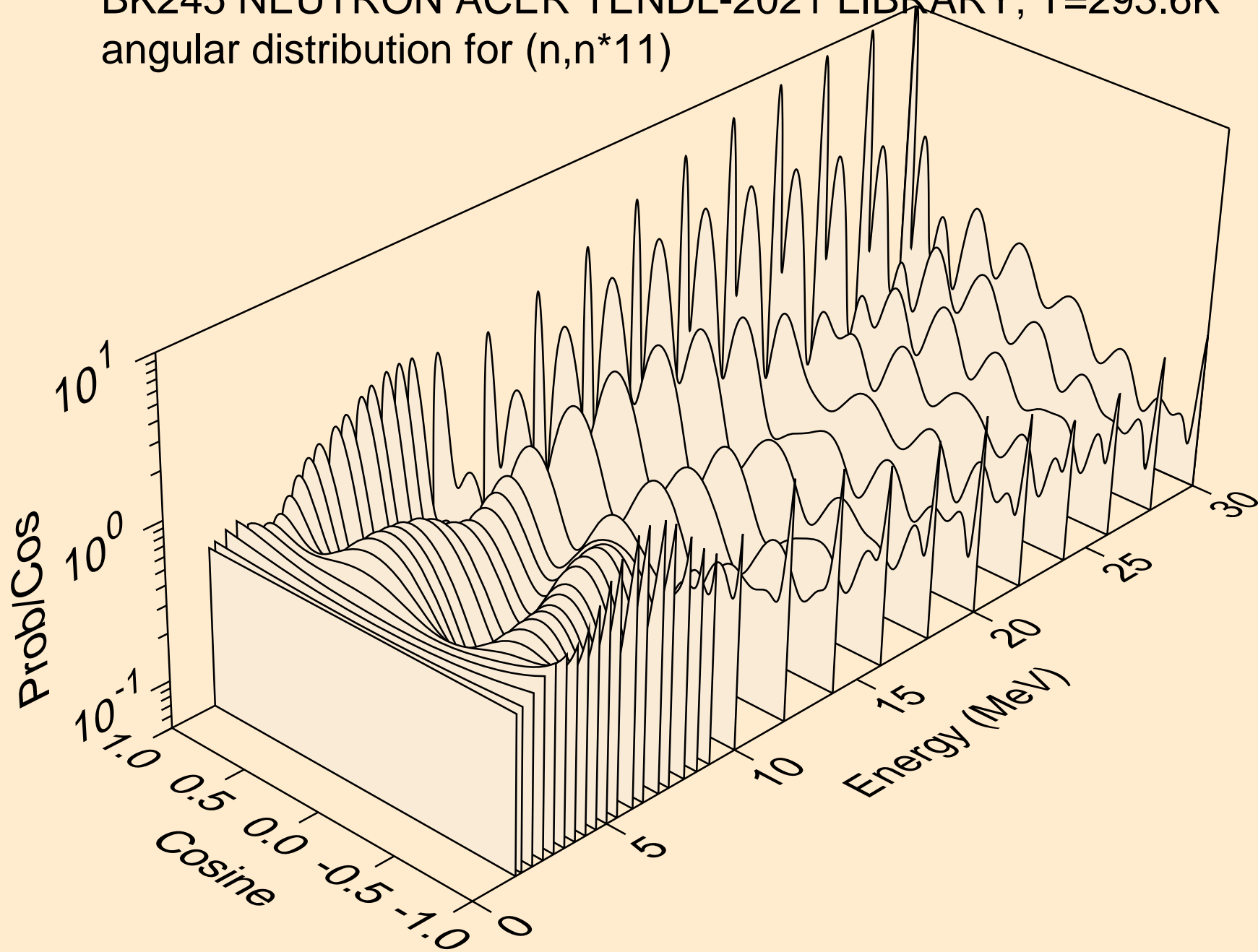
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angular distribution for (n,n\*9)



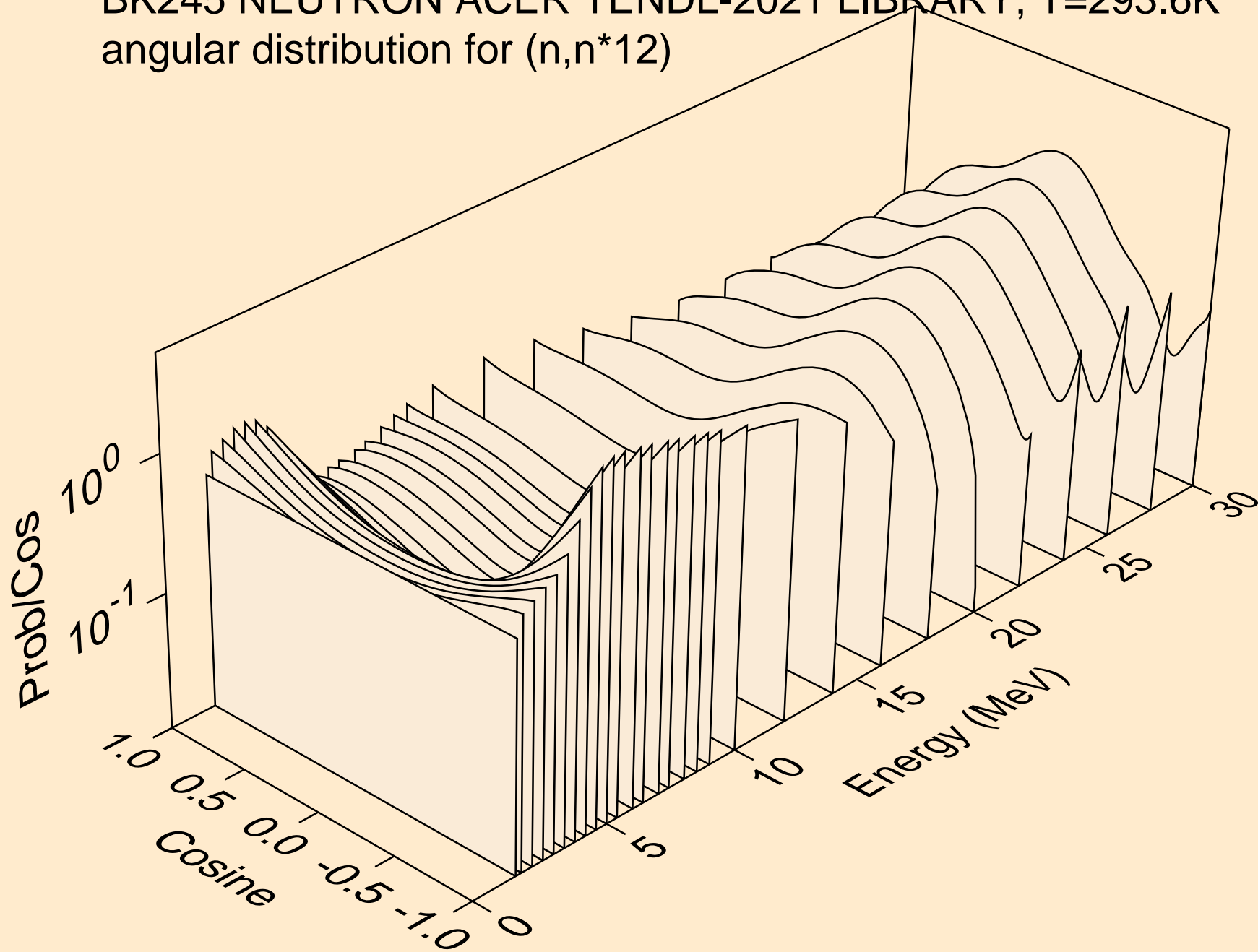
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angular distribution for (n,n\*10)



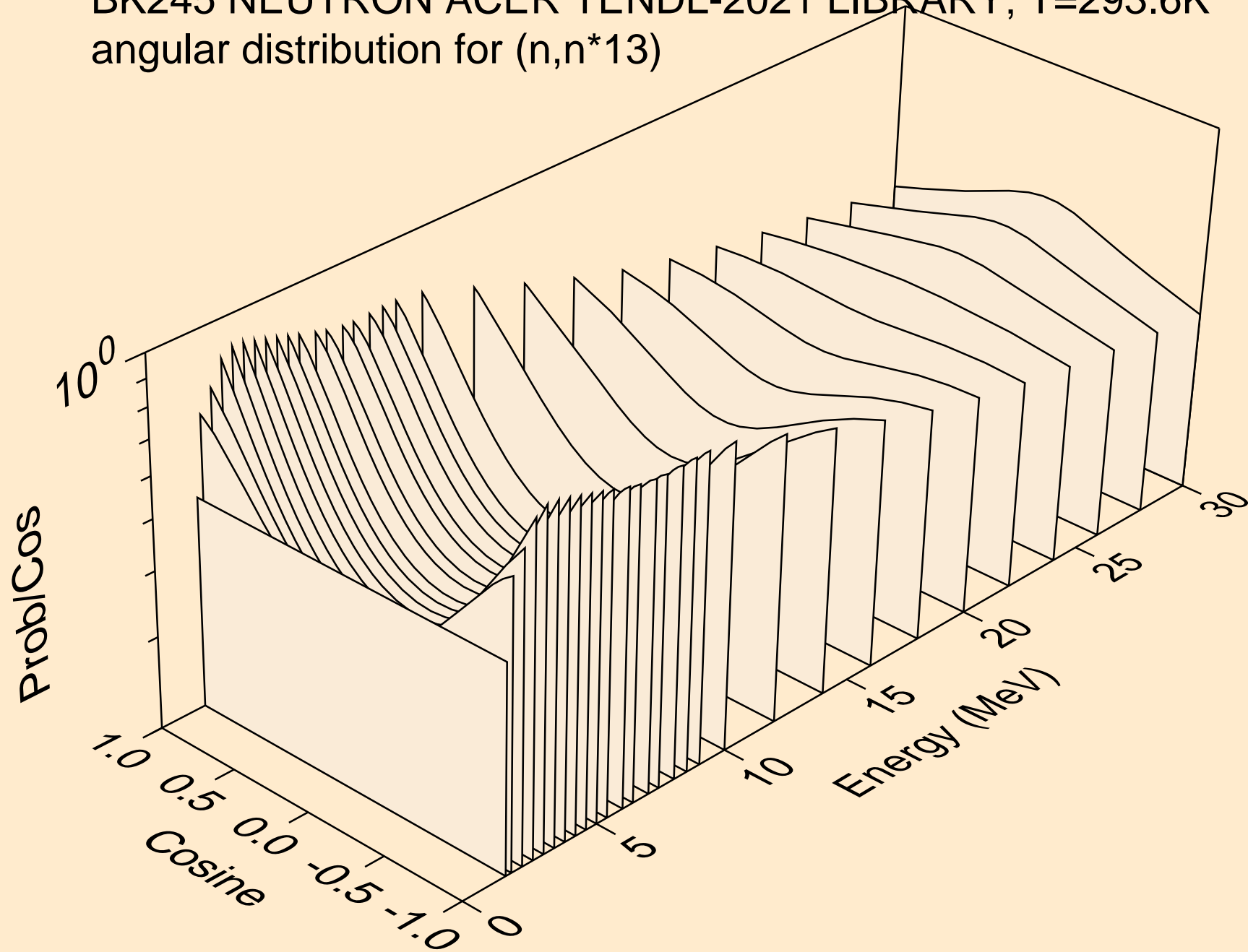
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angular distribution for (n,n\*11)



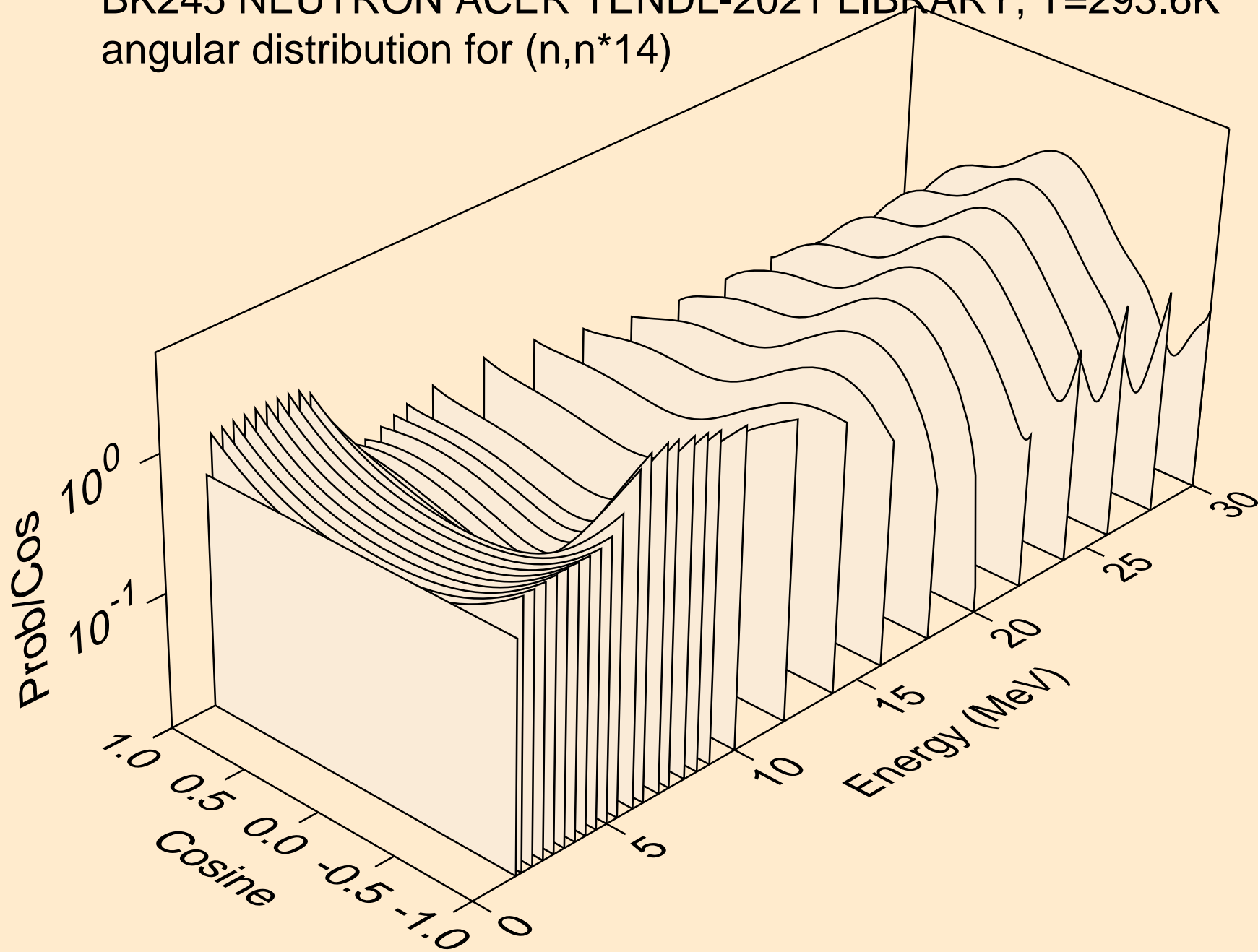
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angular distribution for (n,n\*12)



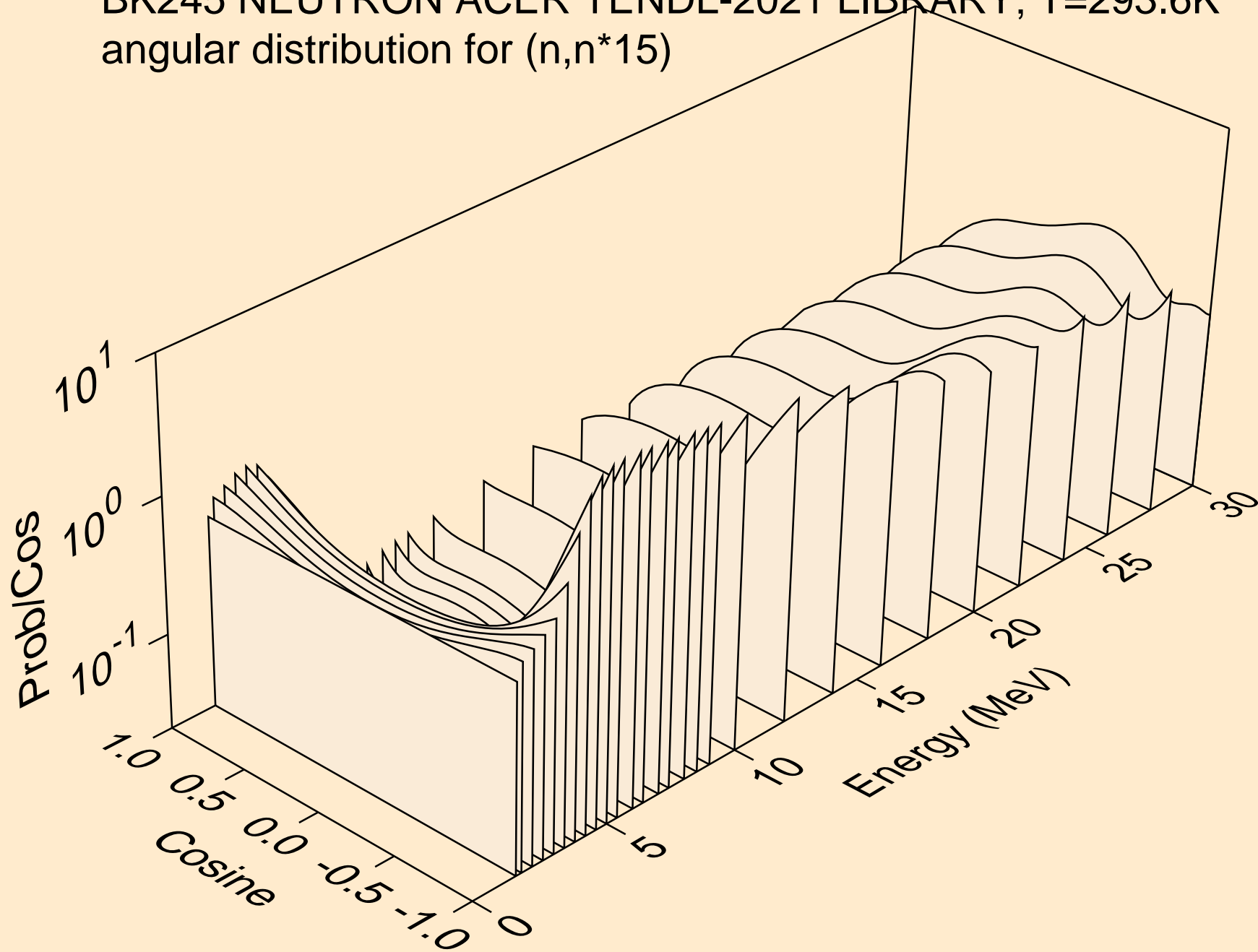
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angular distribution for (n,n\*13)



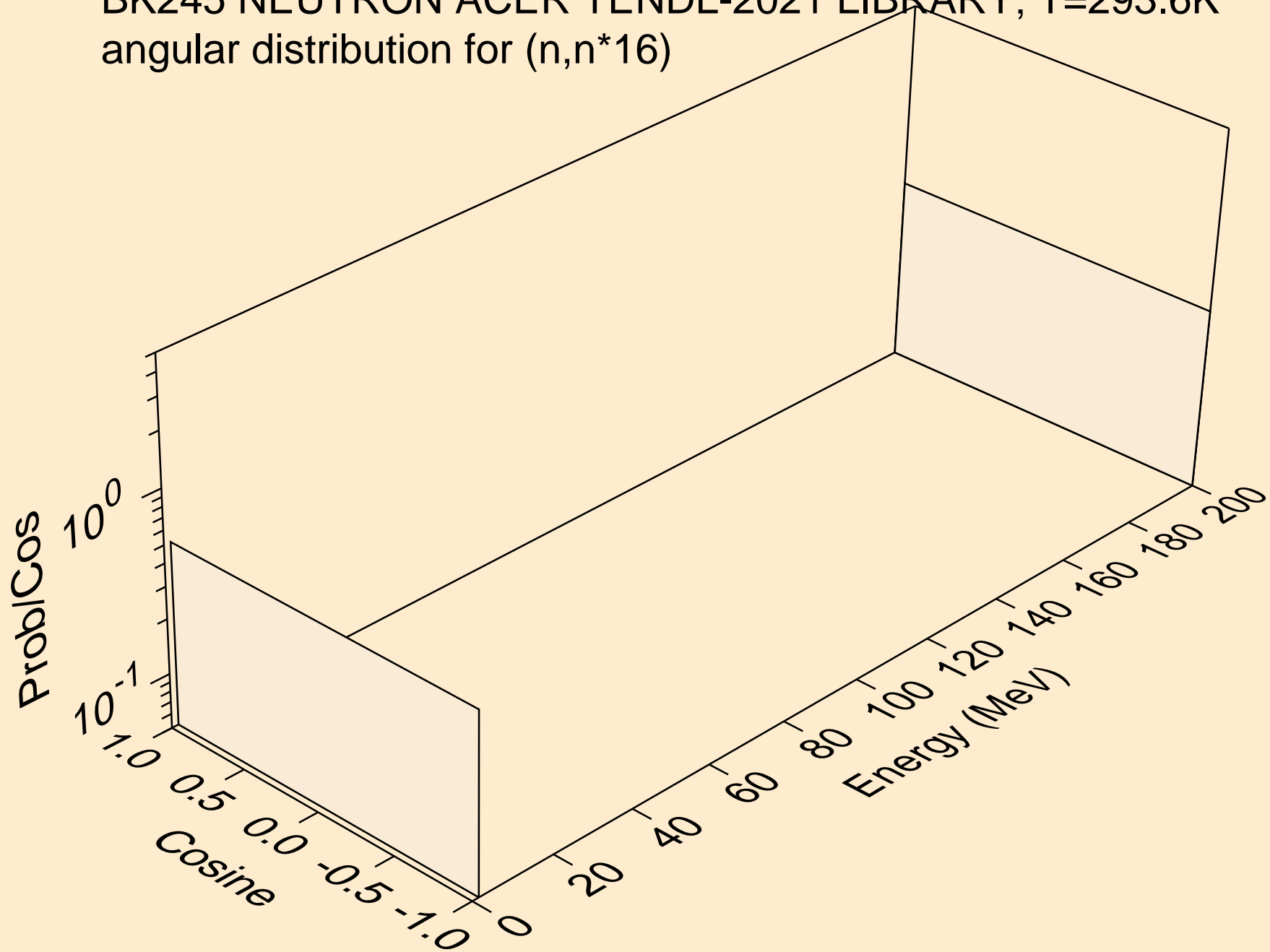
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

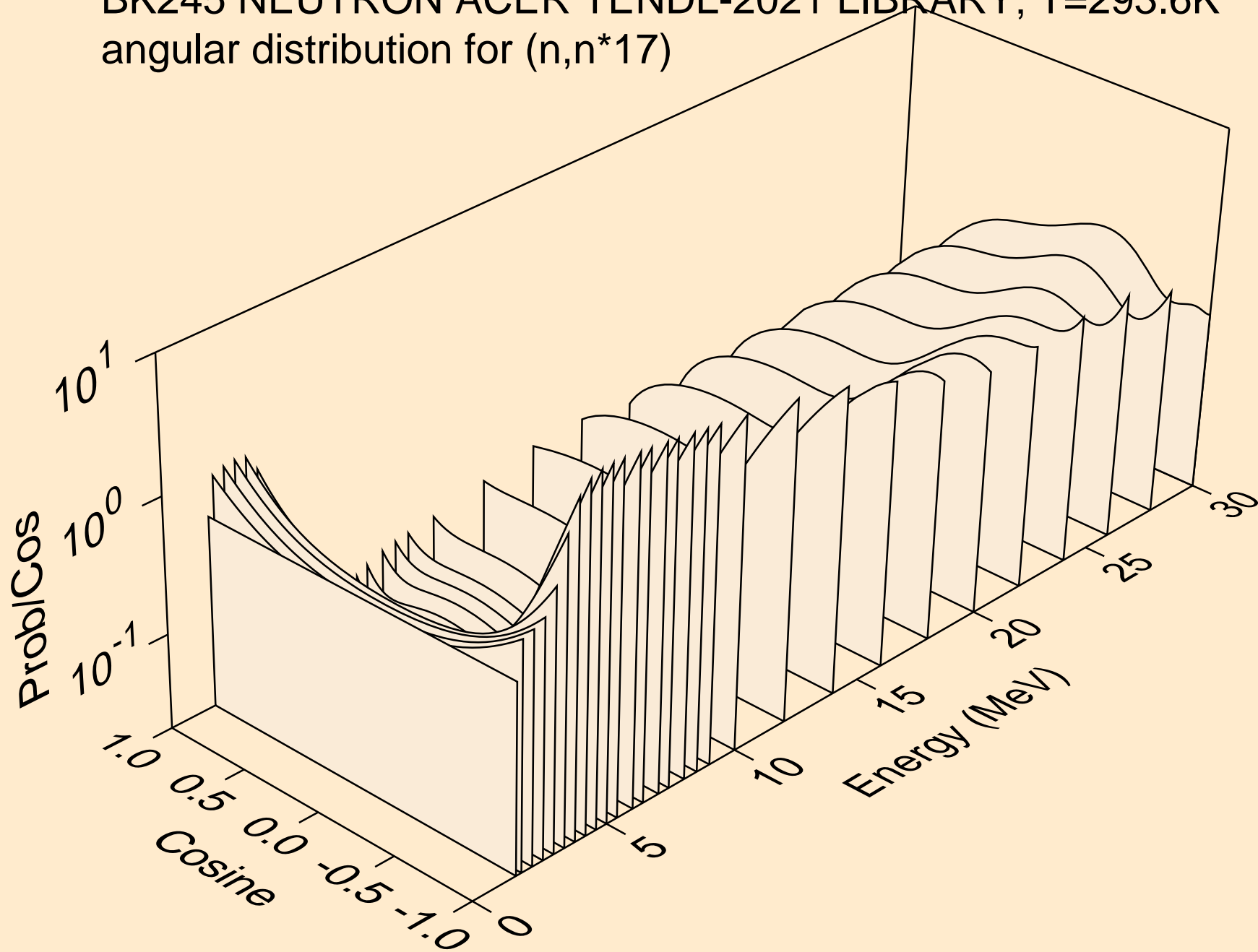


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

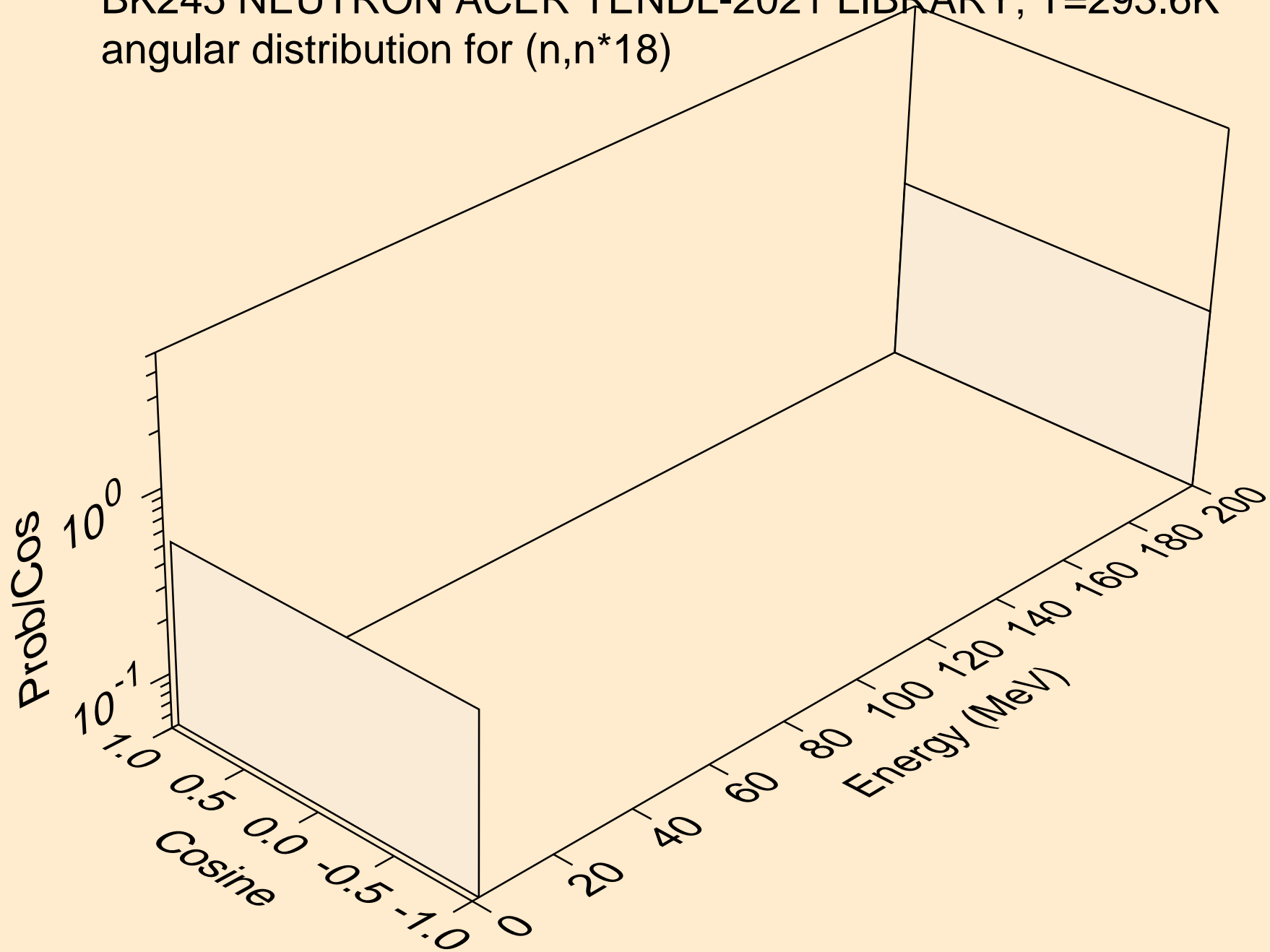




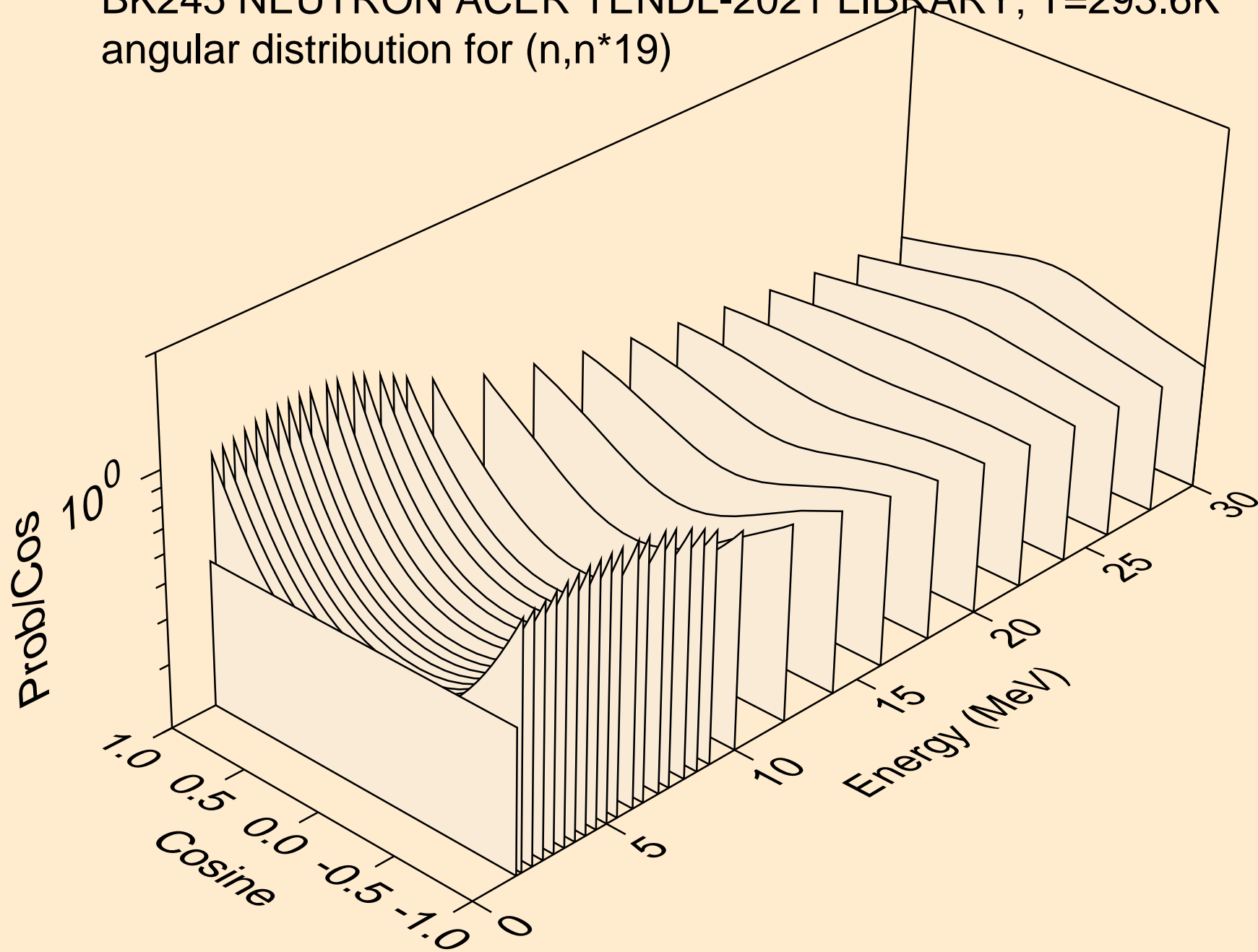
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angular distribution for (n,n\*17)



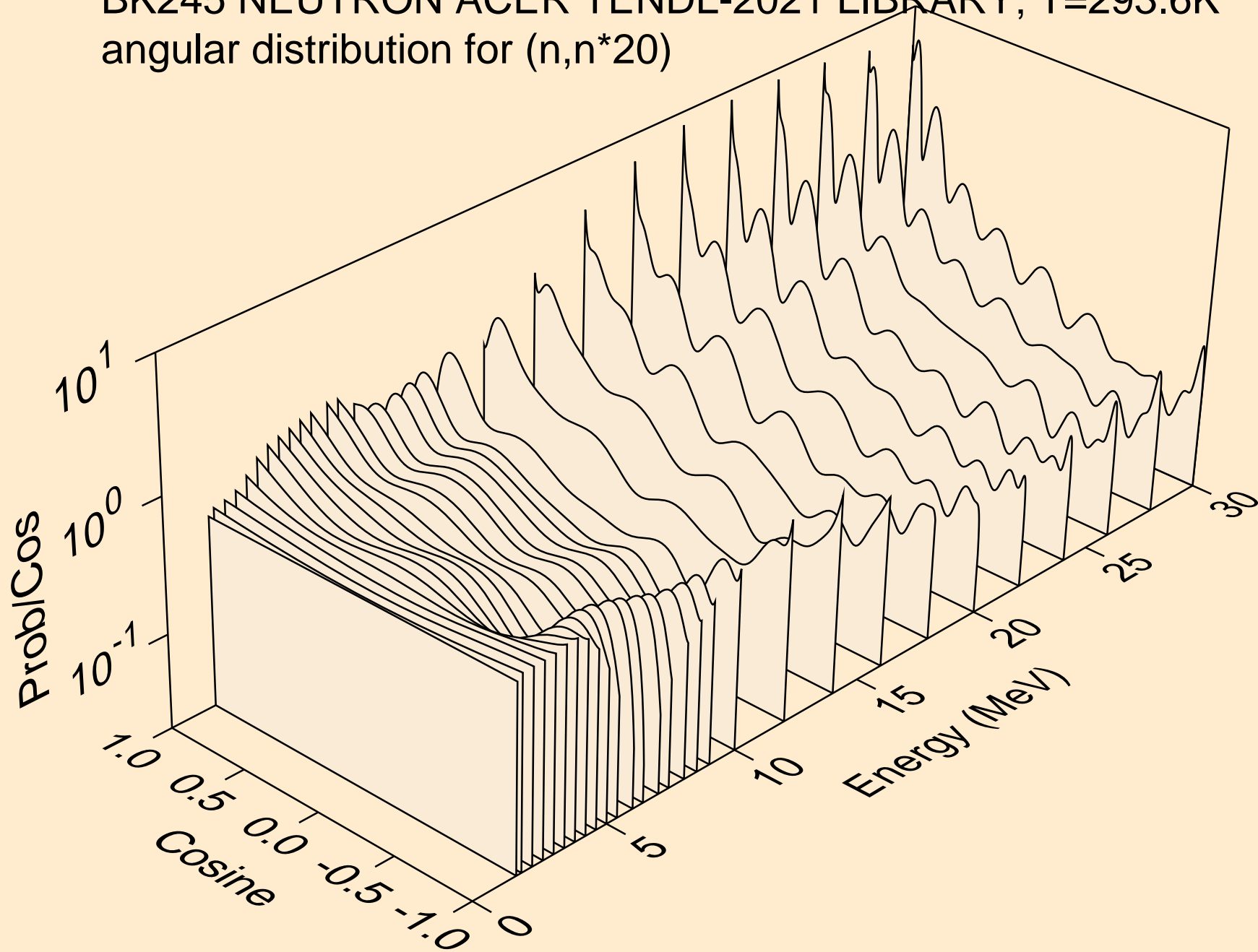
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angular distribution for (n,n\*18)



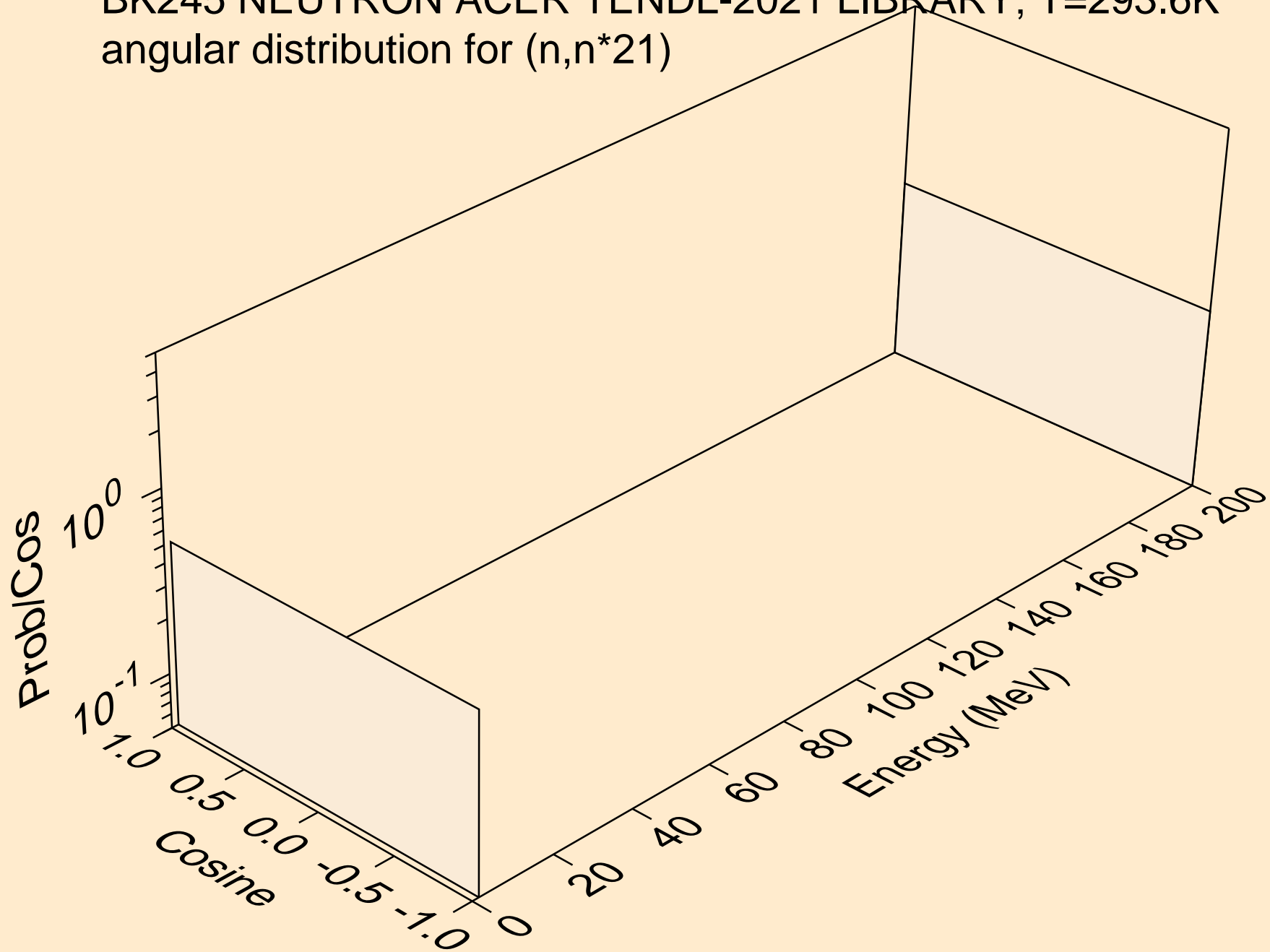
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angular distribution for (n,n\*19)



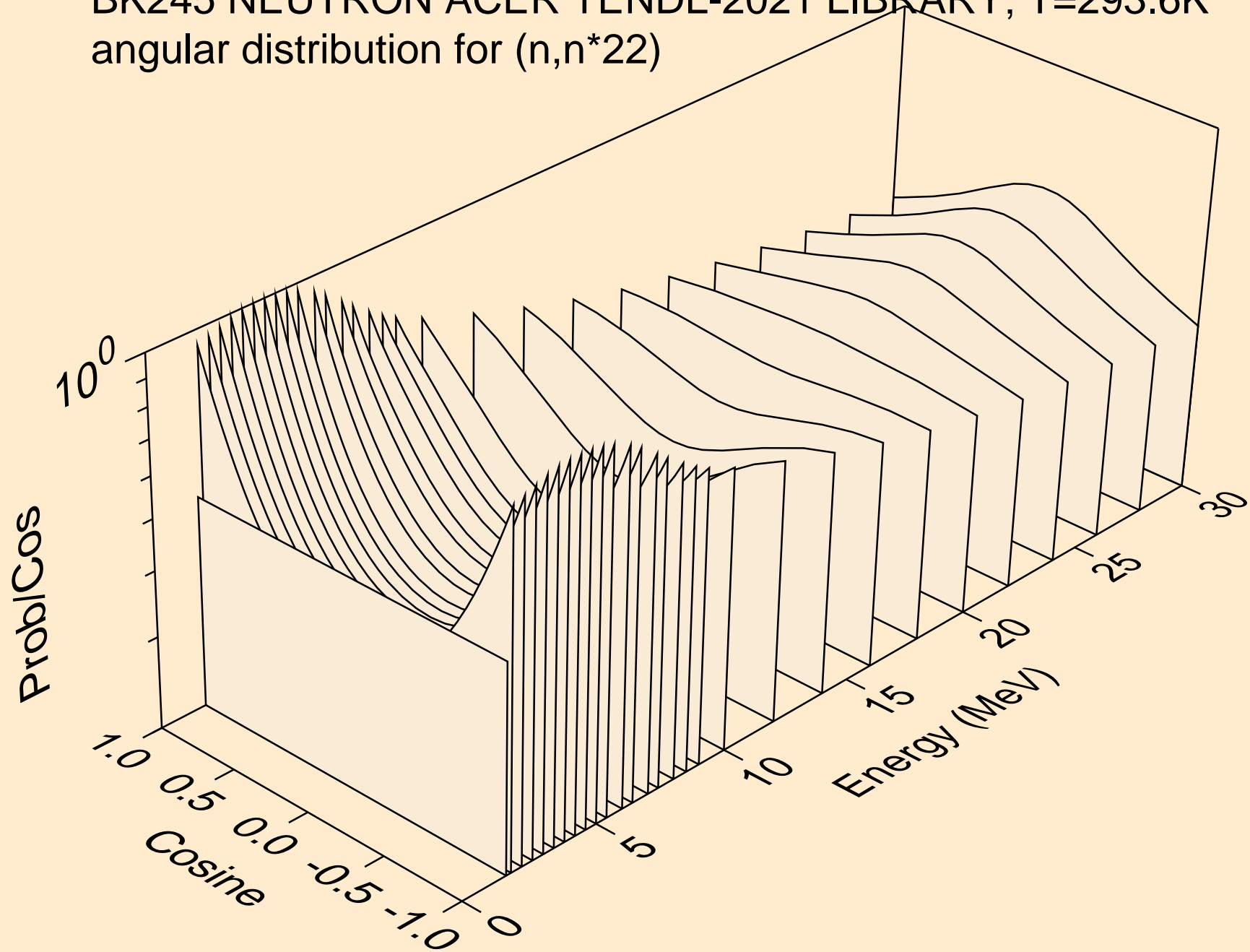
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angular distribution for (n,n\*20)



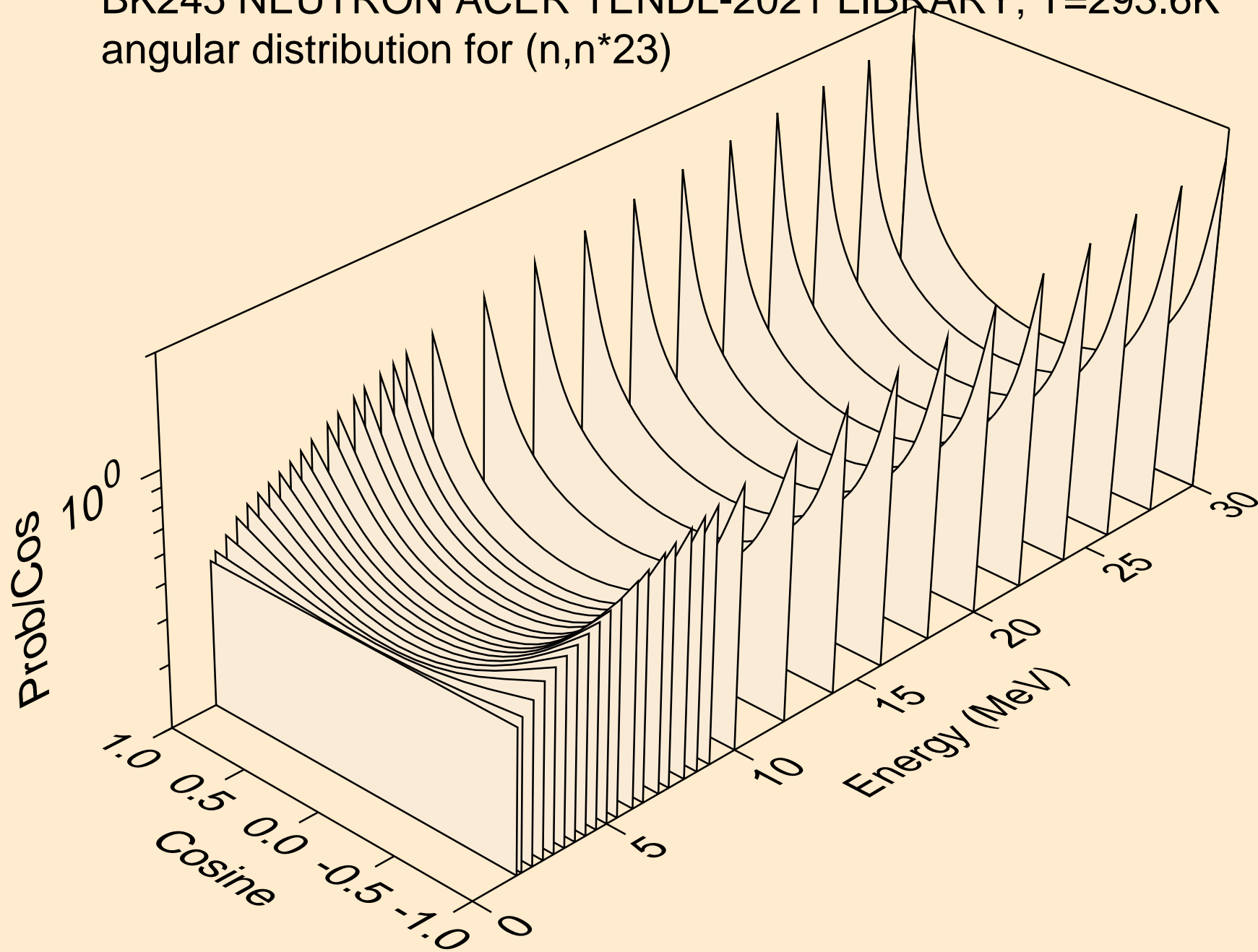
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angular distribution for (n,n\*21)



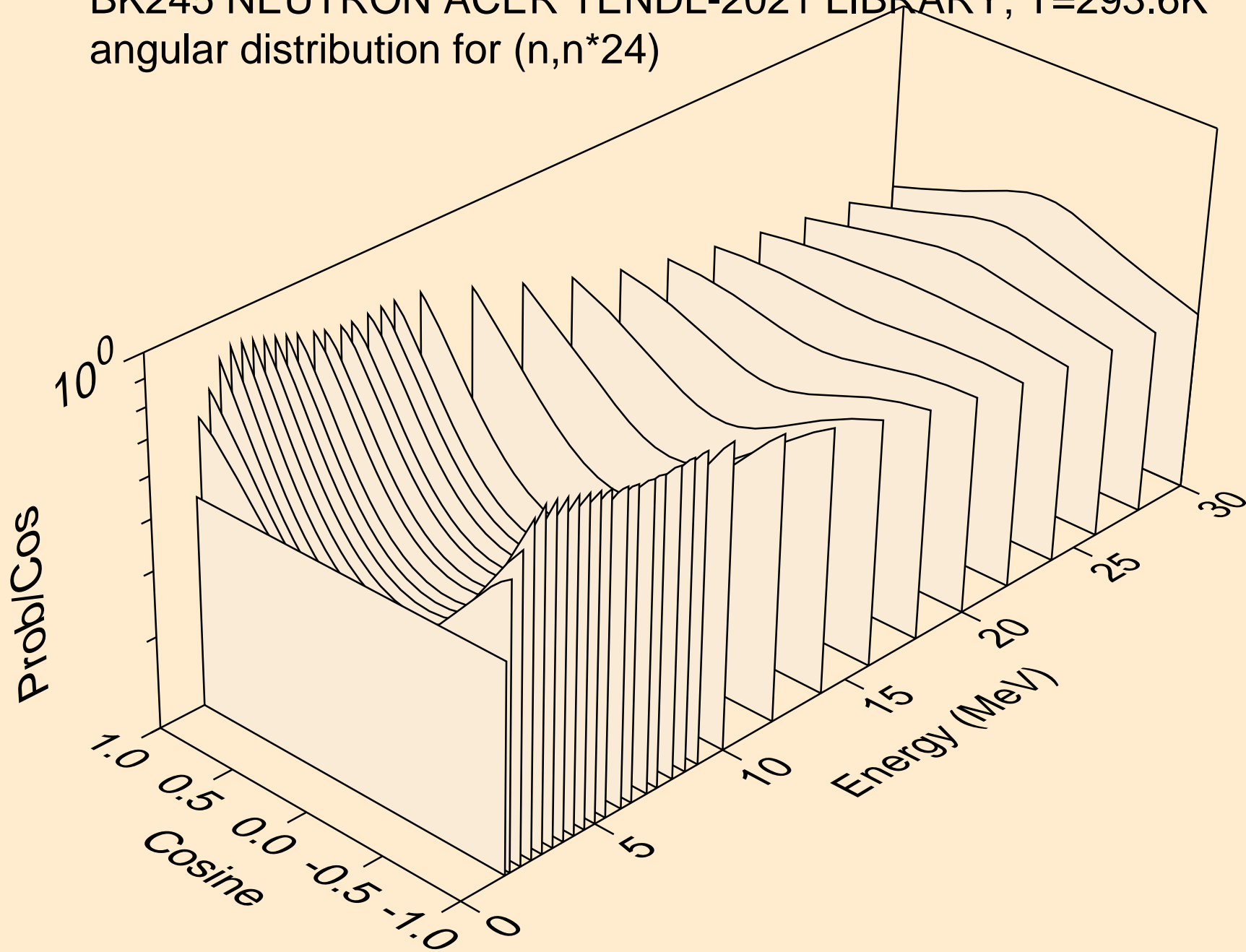
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

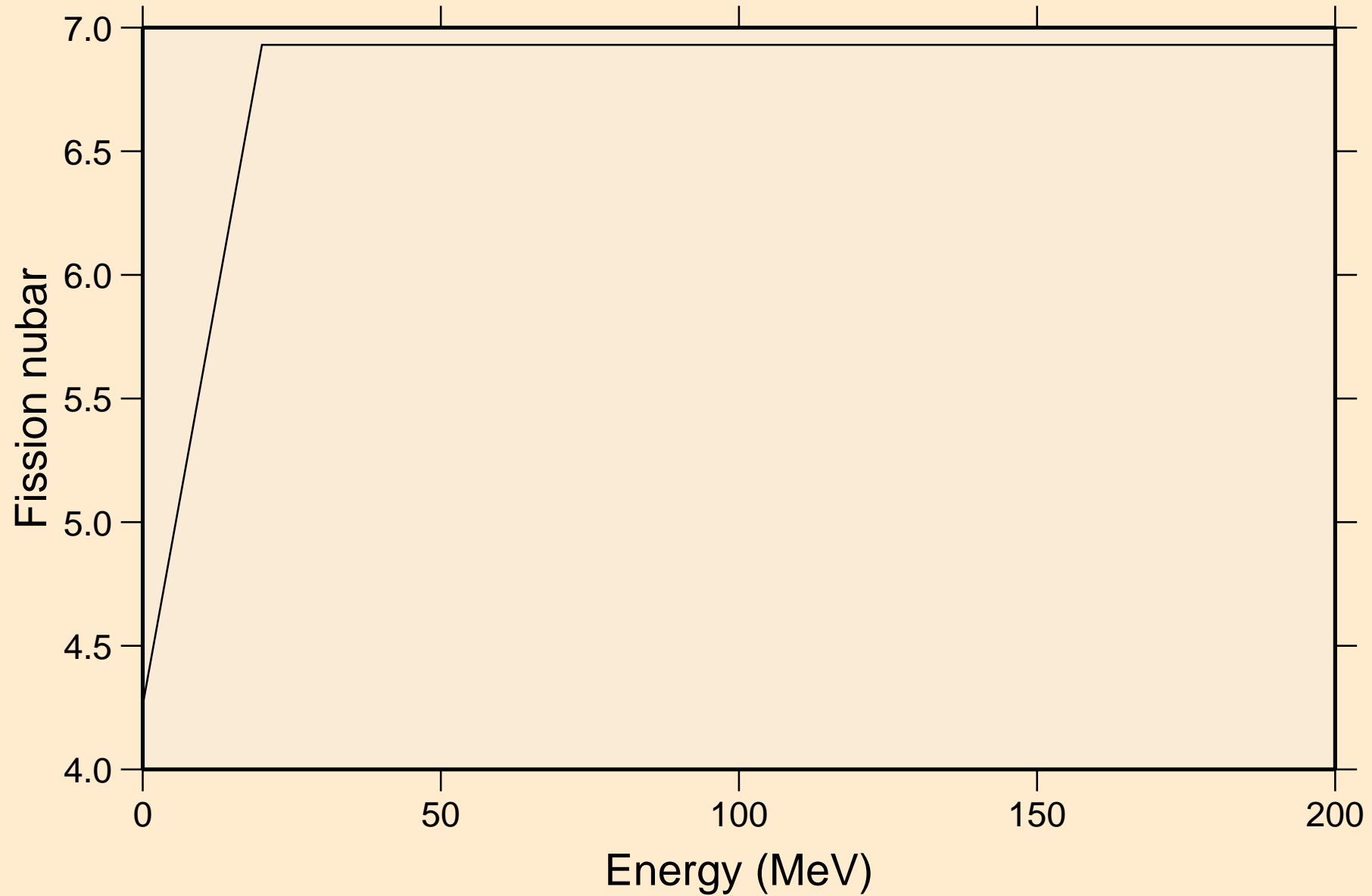


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

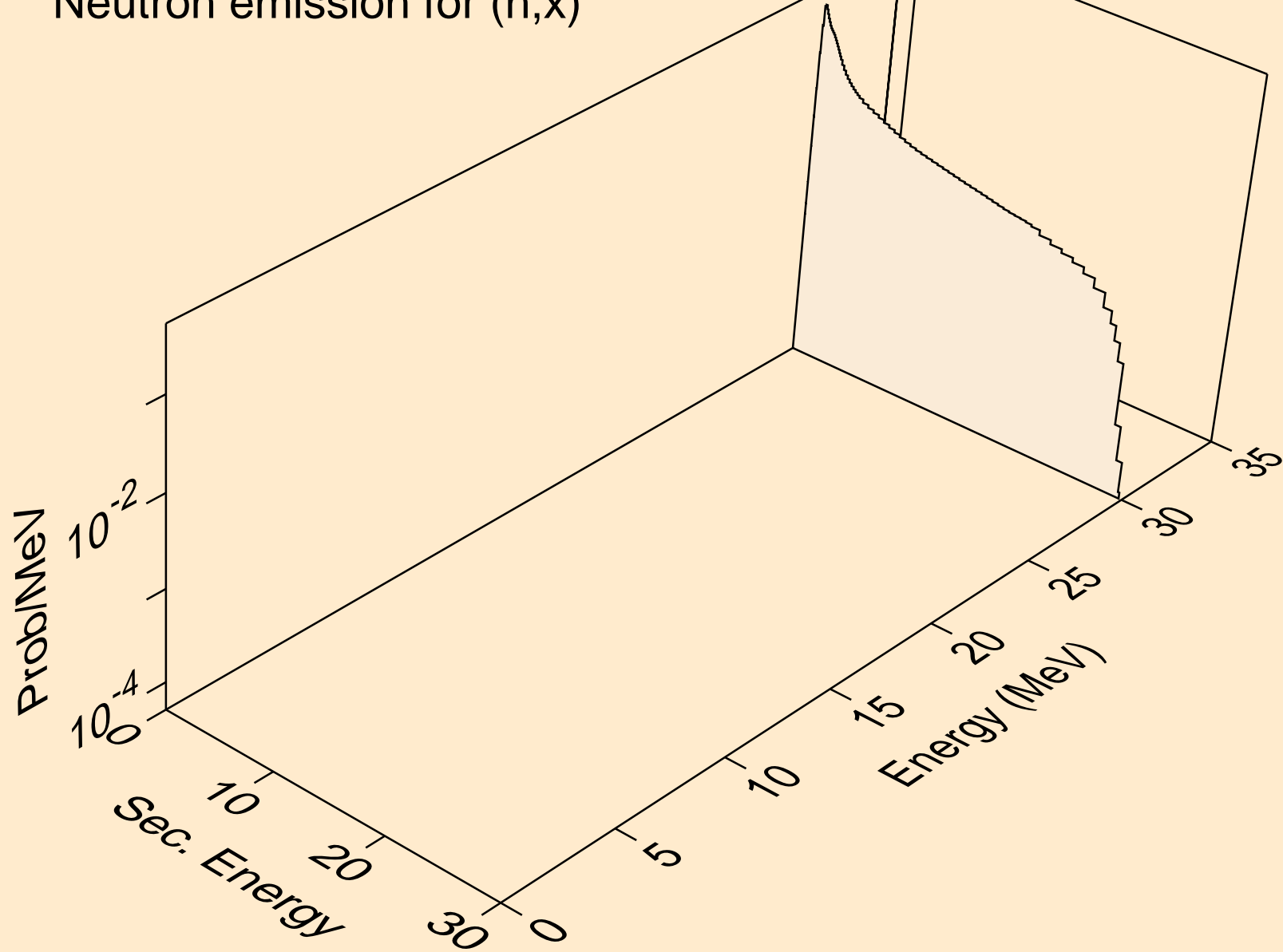




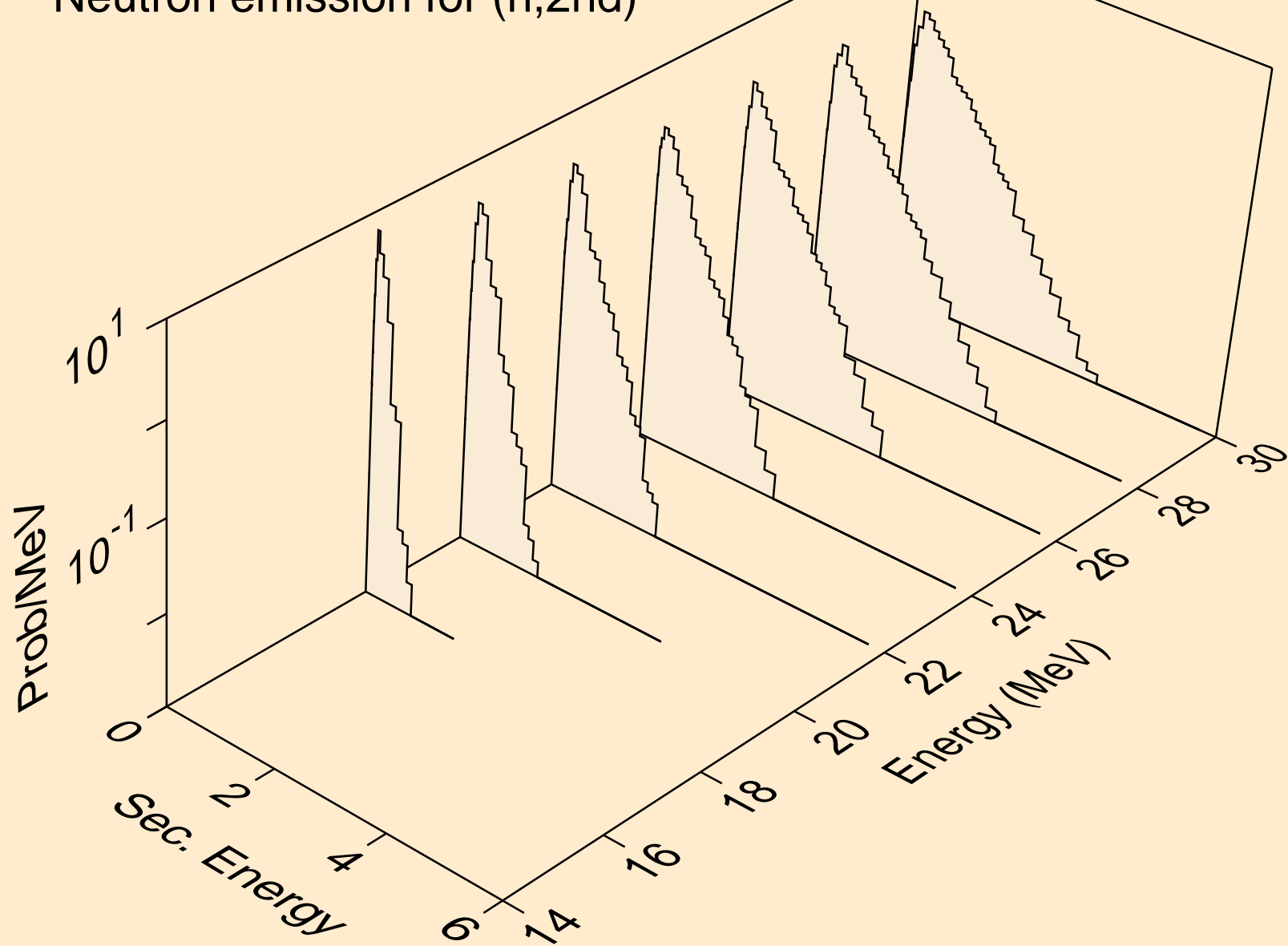
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



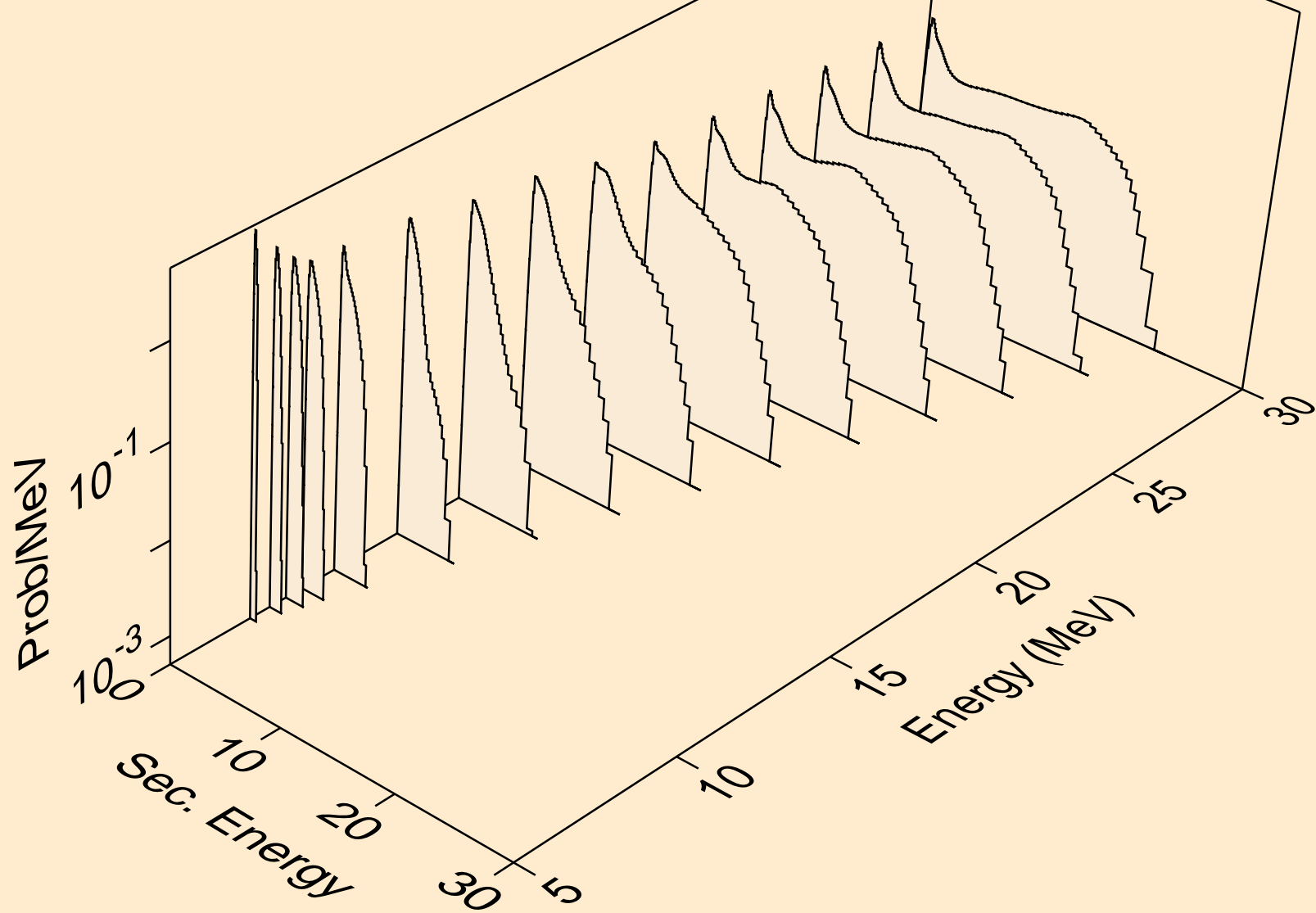
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



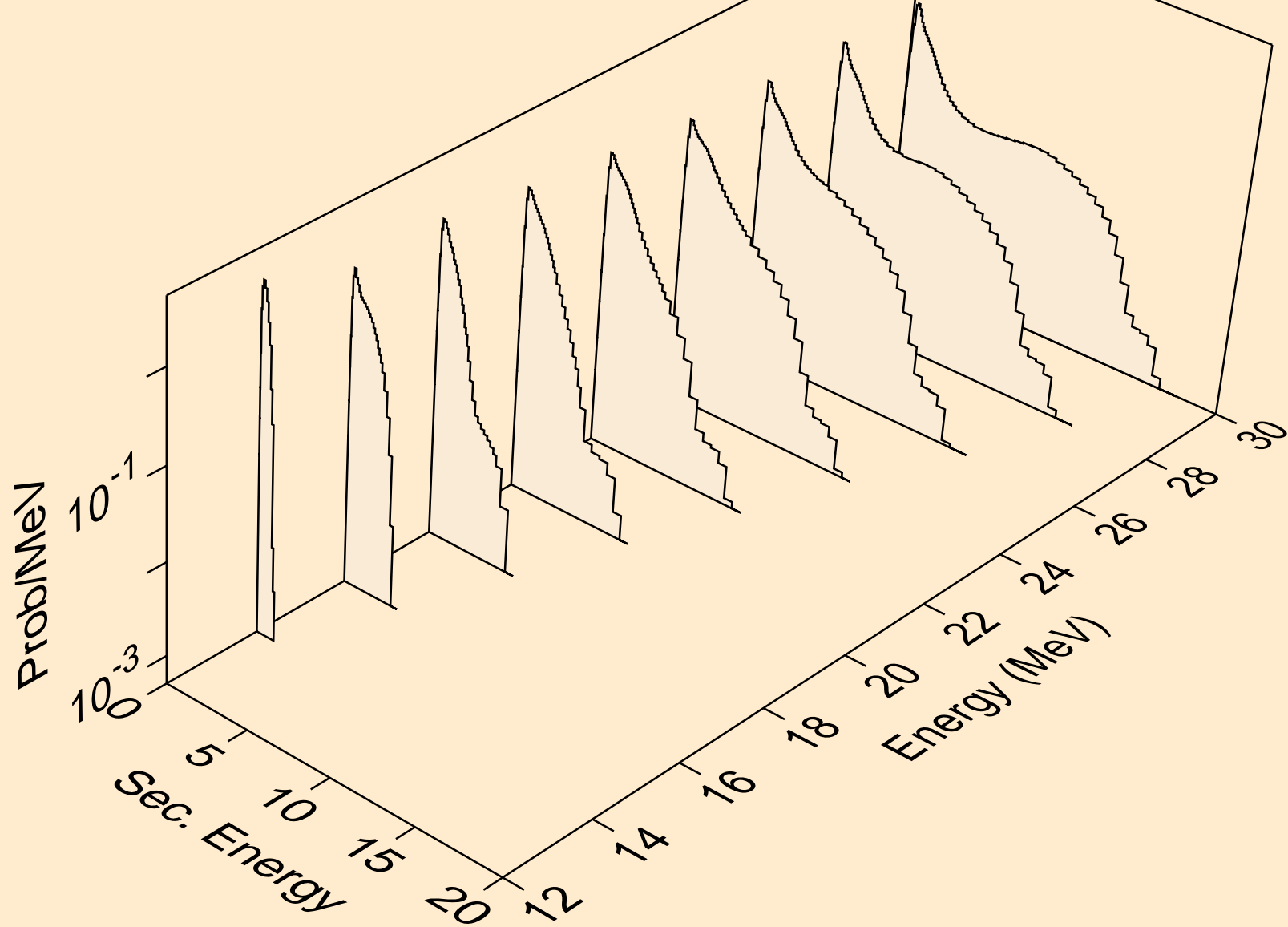
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



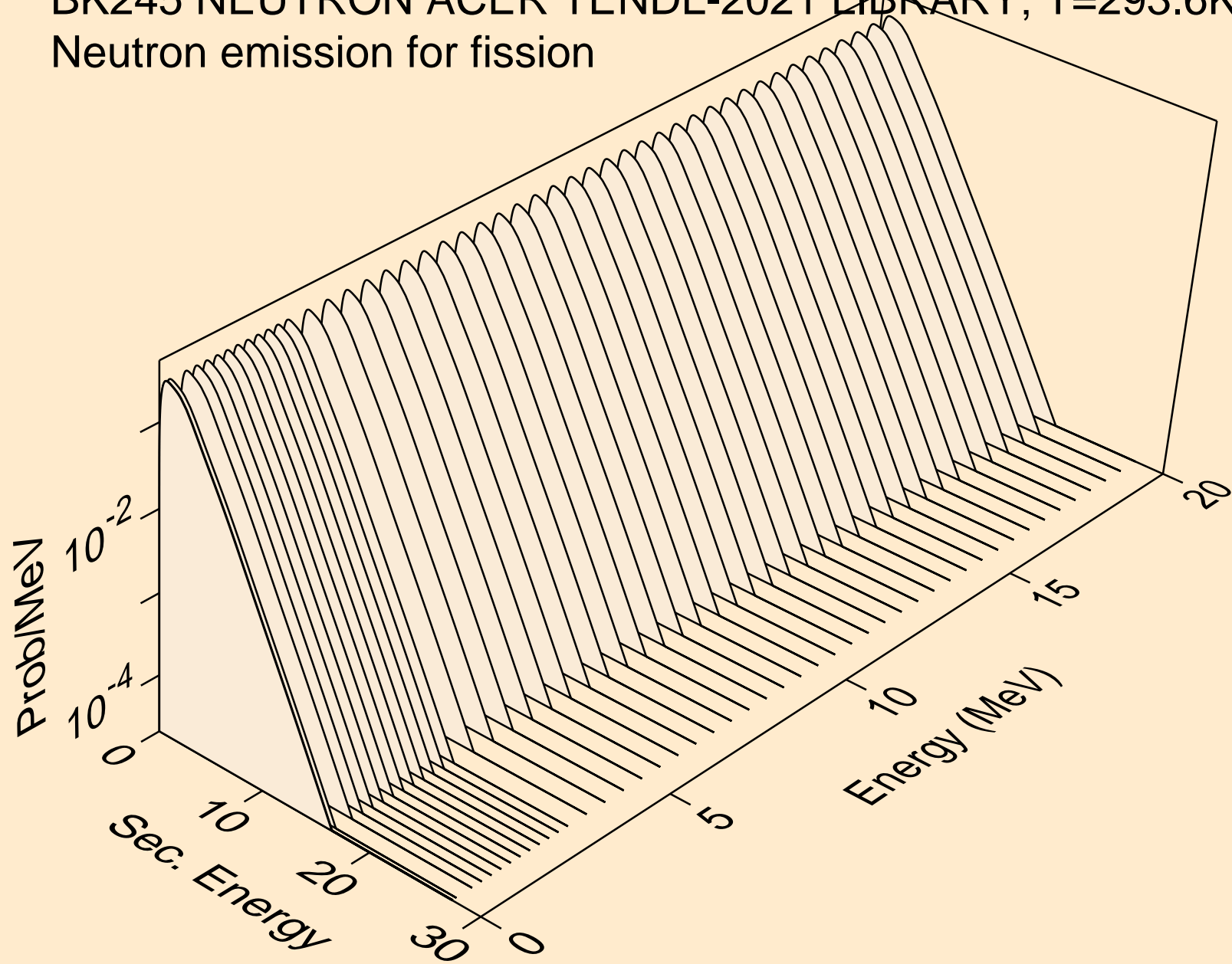
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



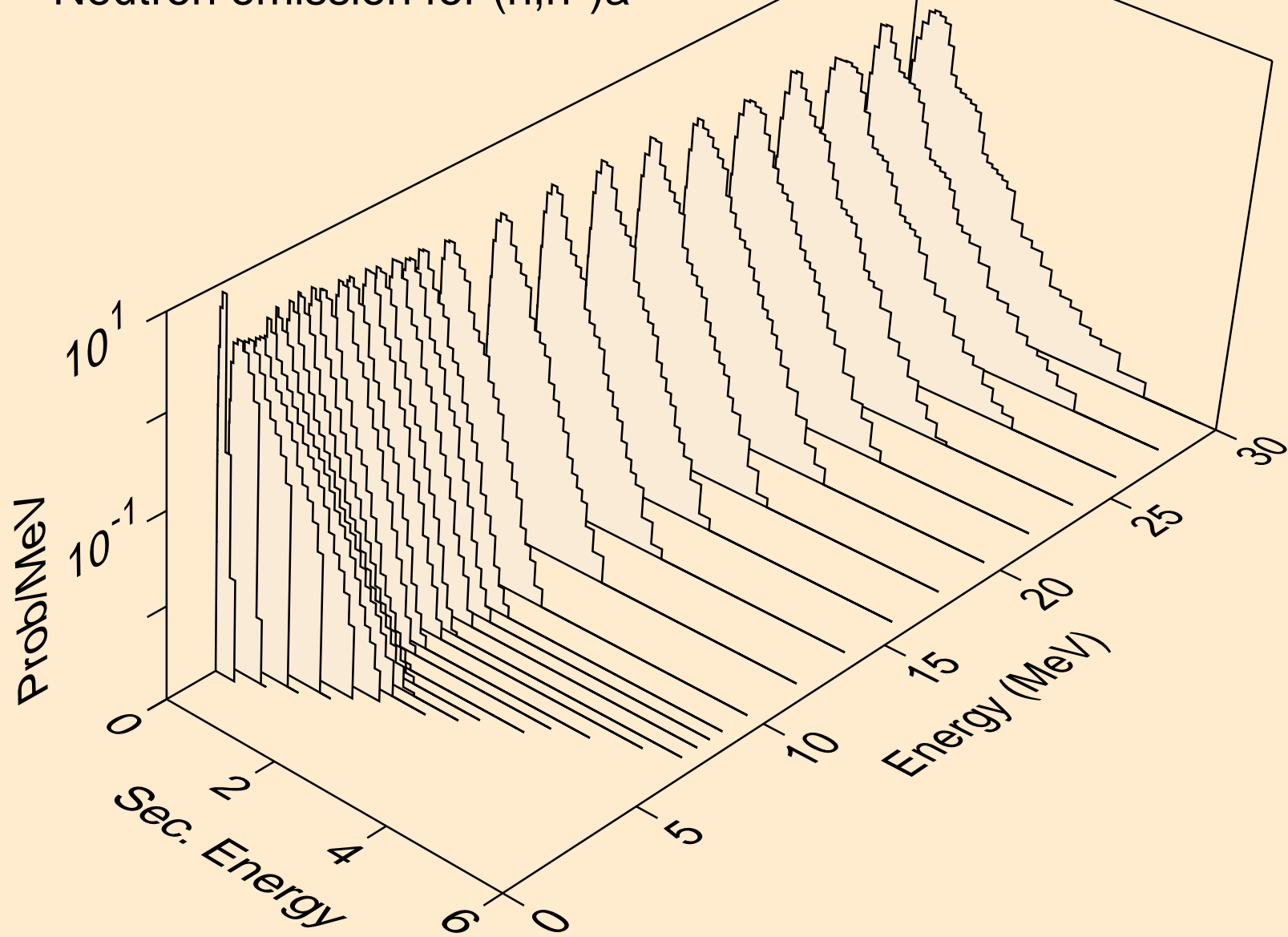
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



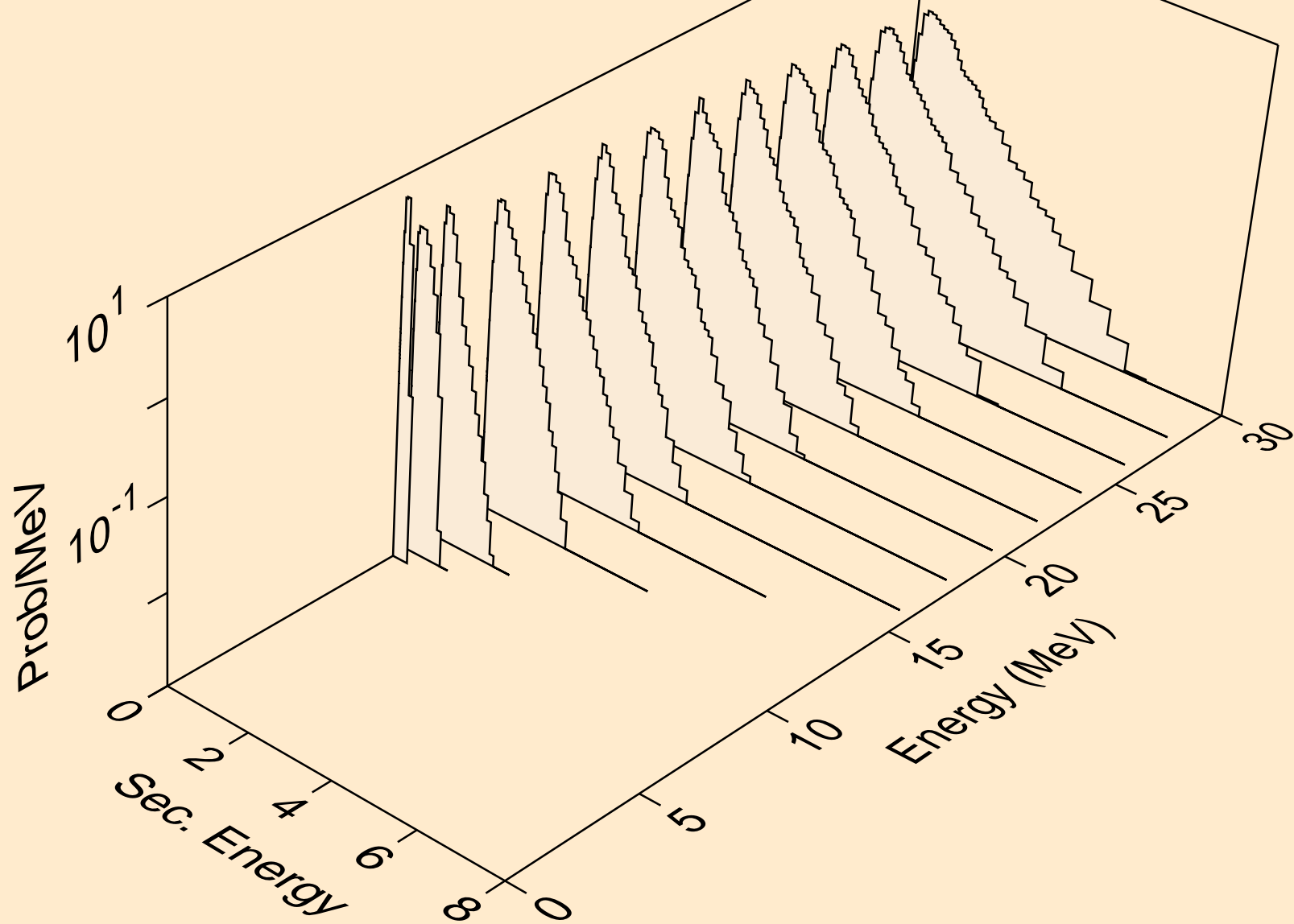
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

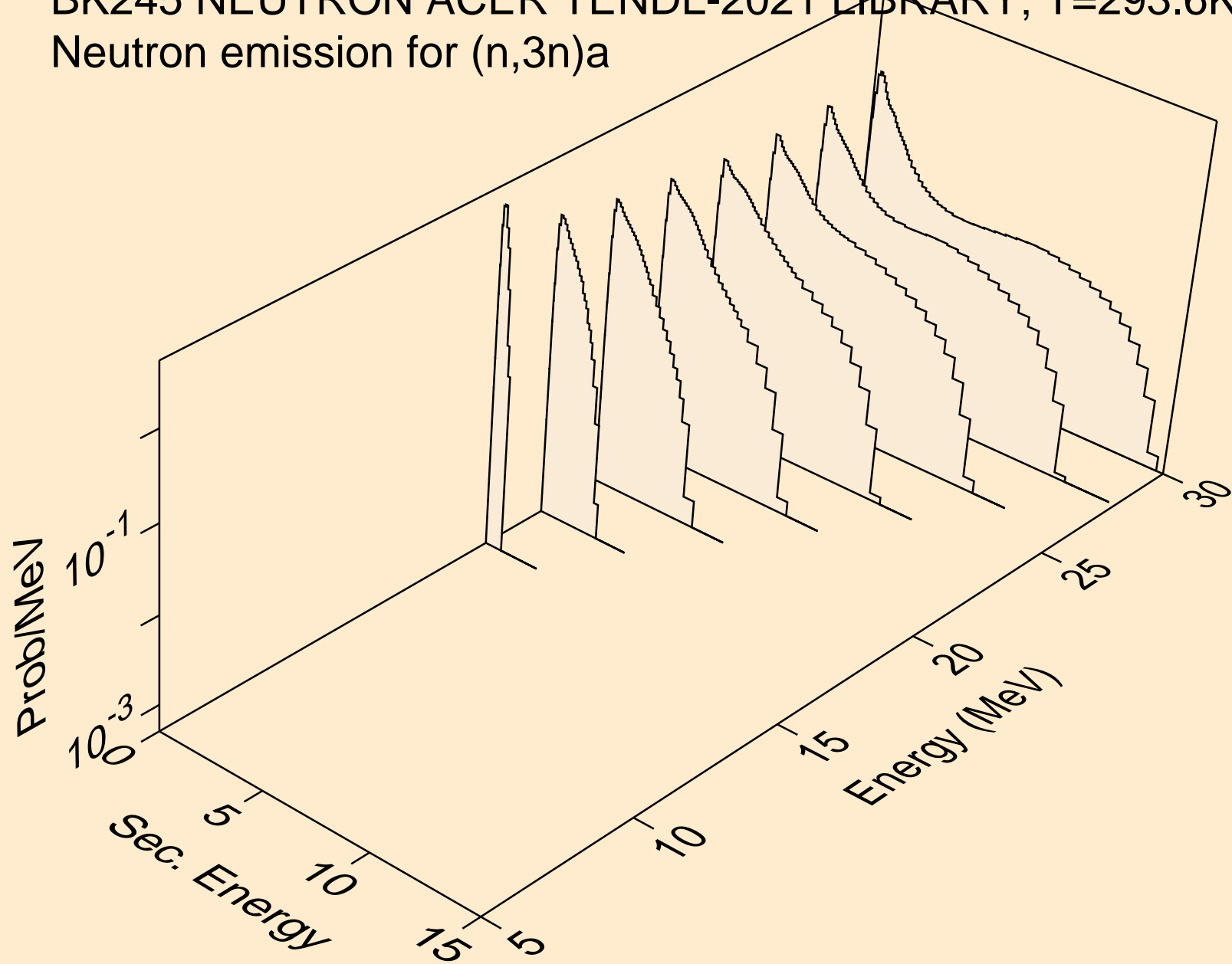


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>

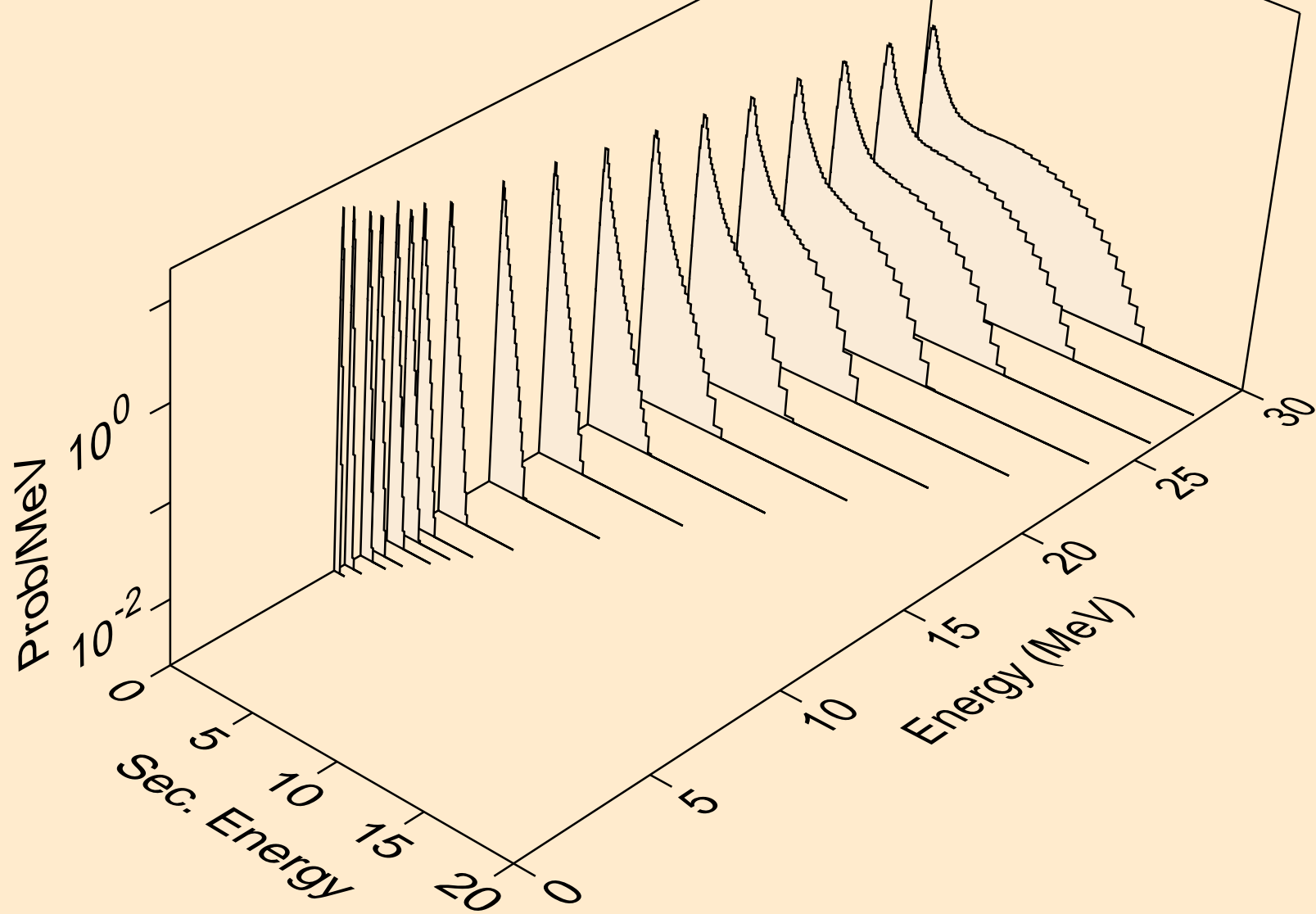




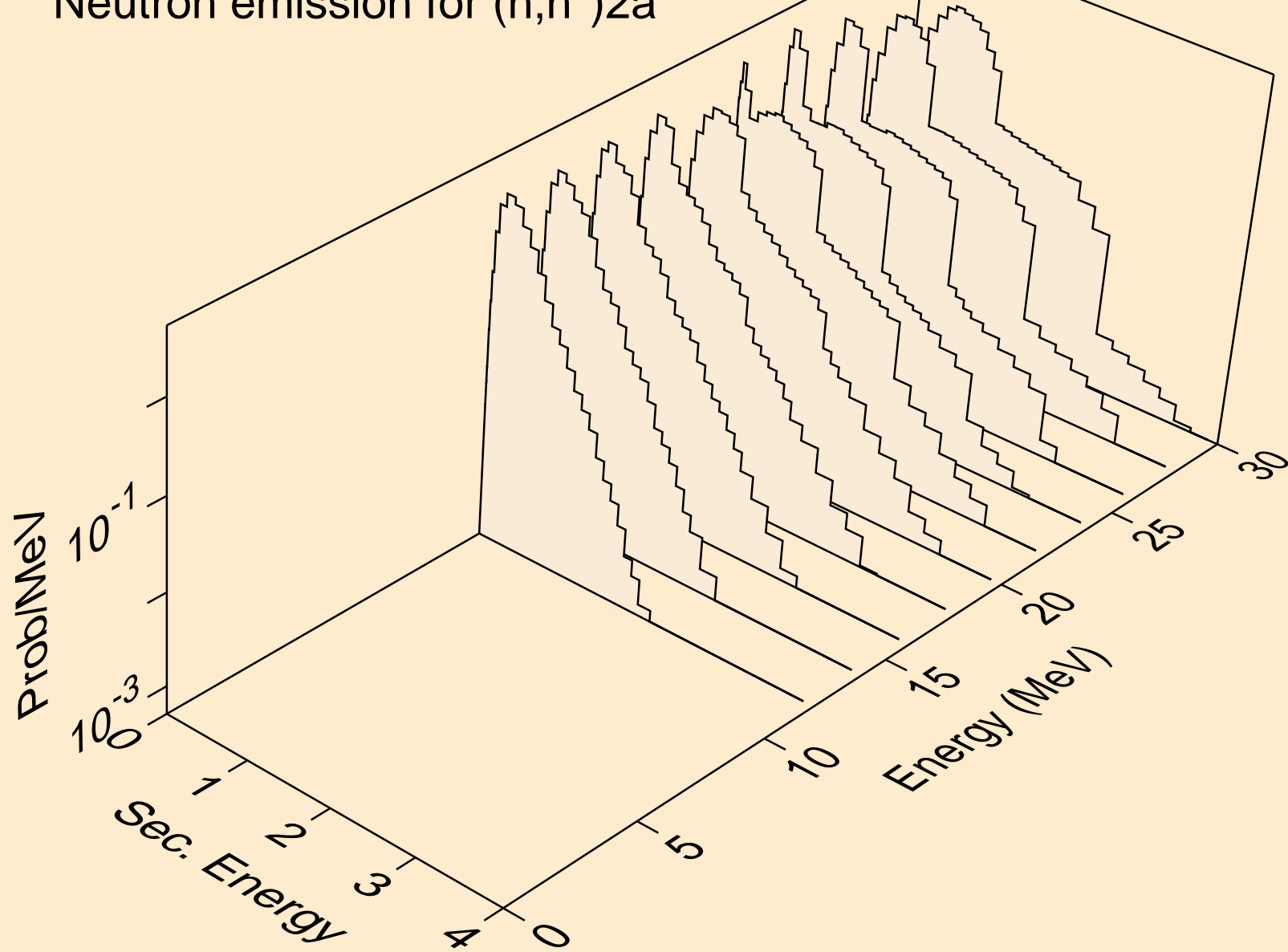
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



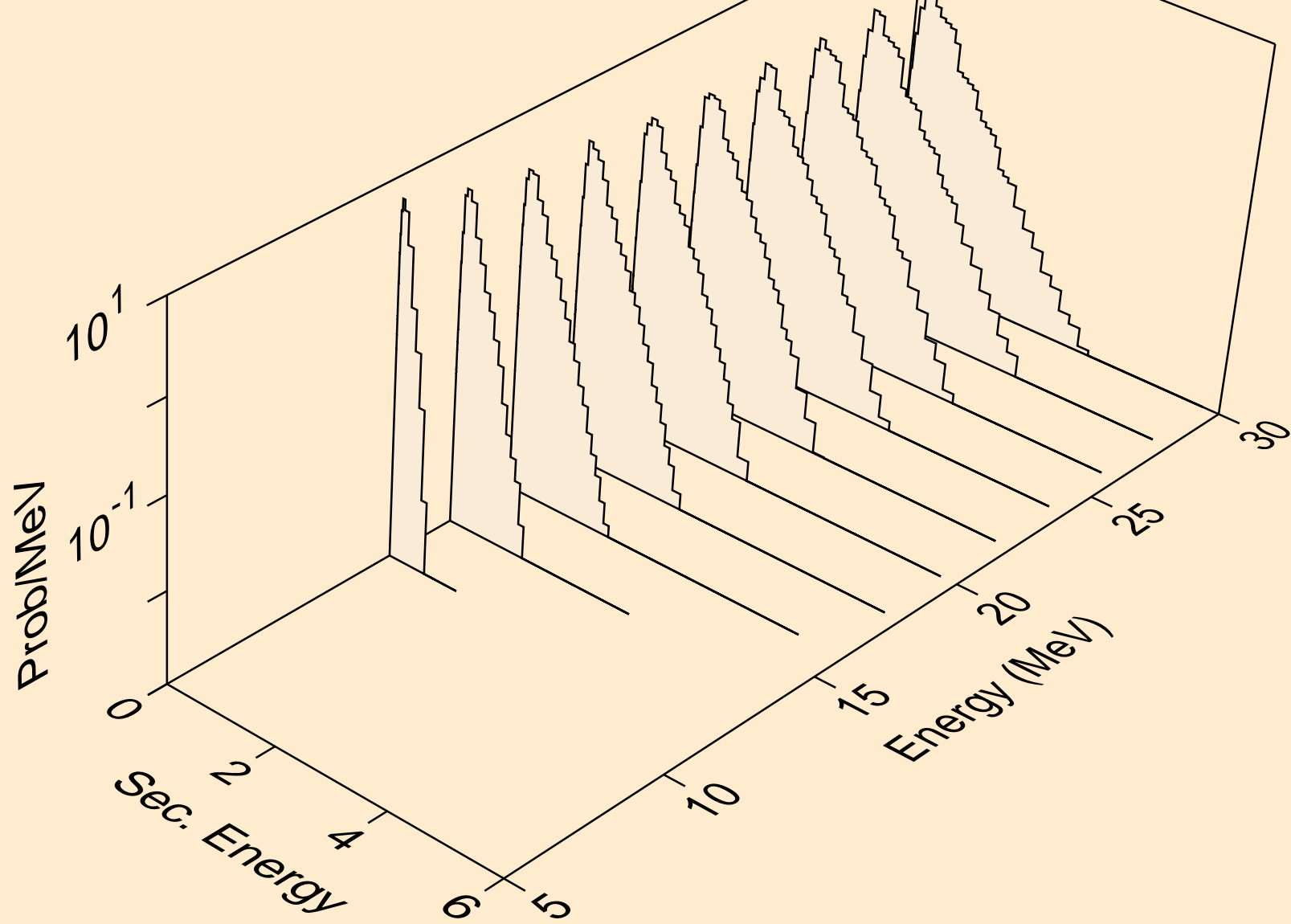
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



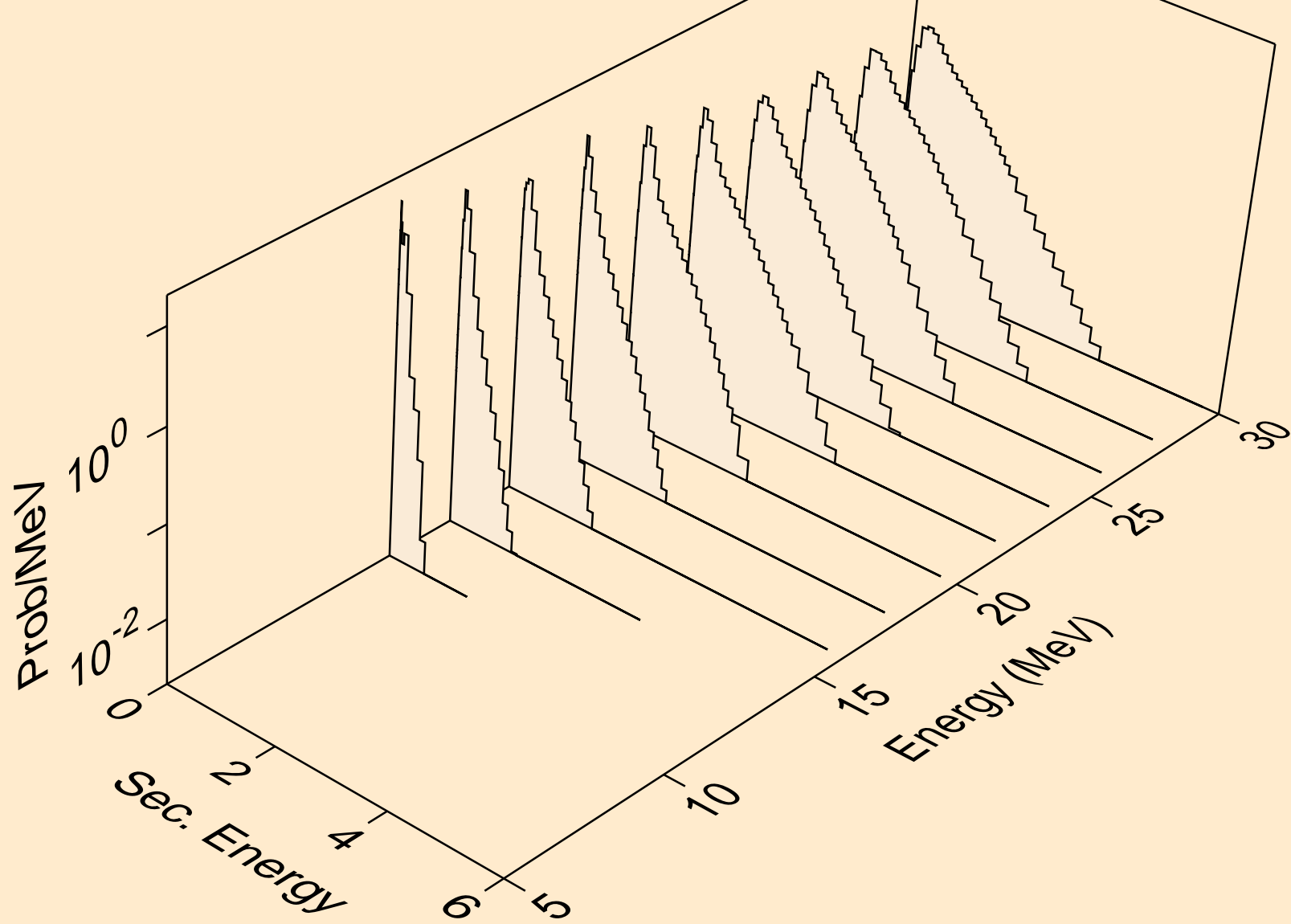
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



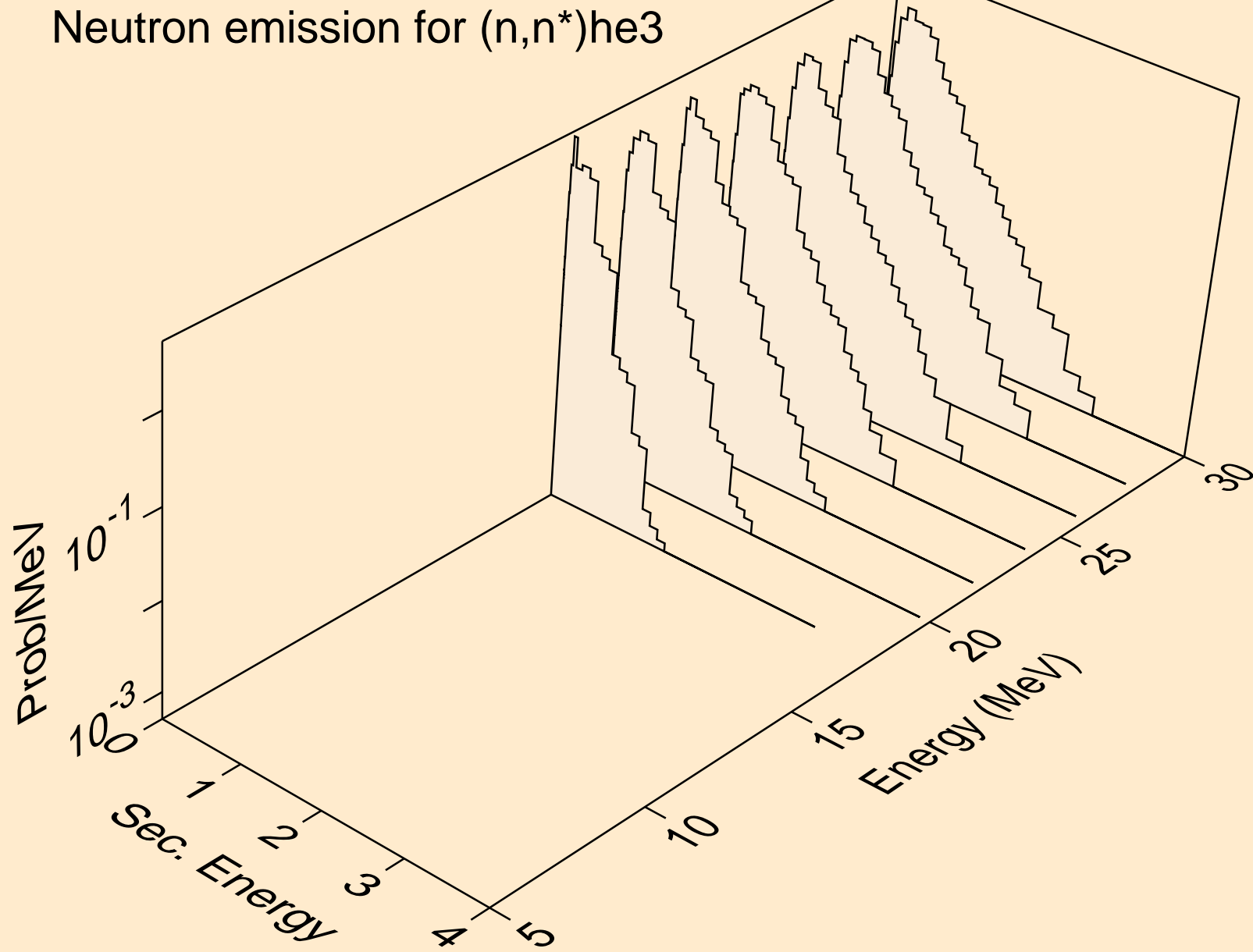
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



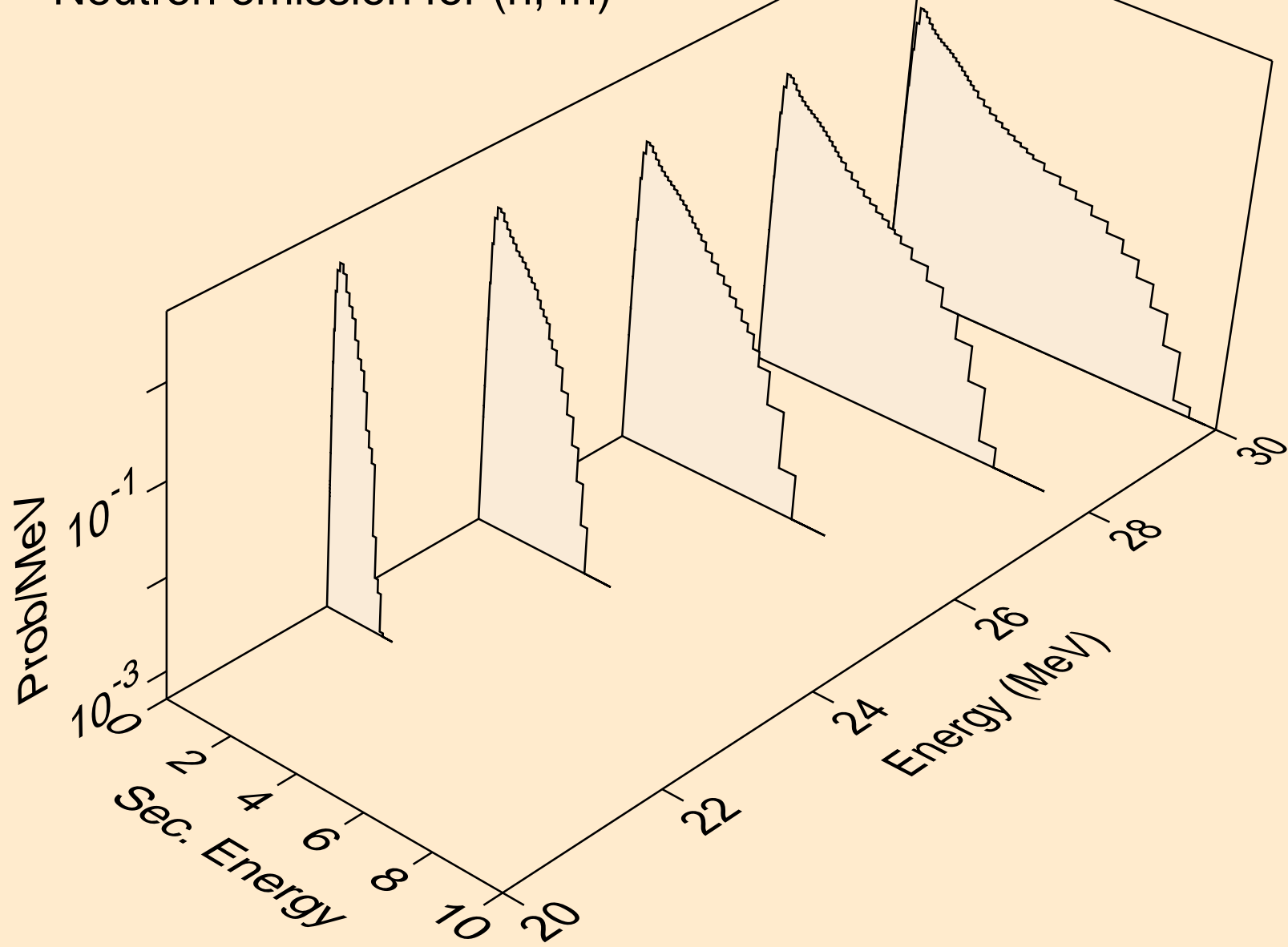
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



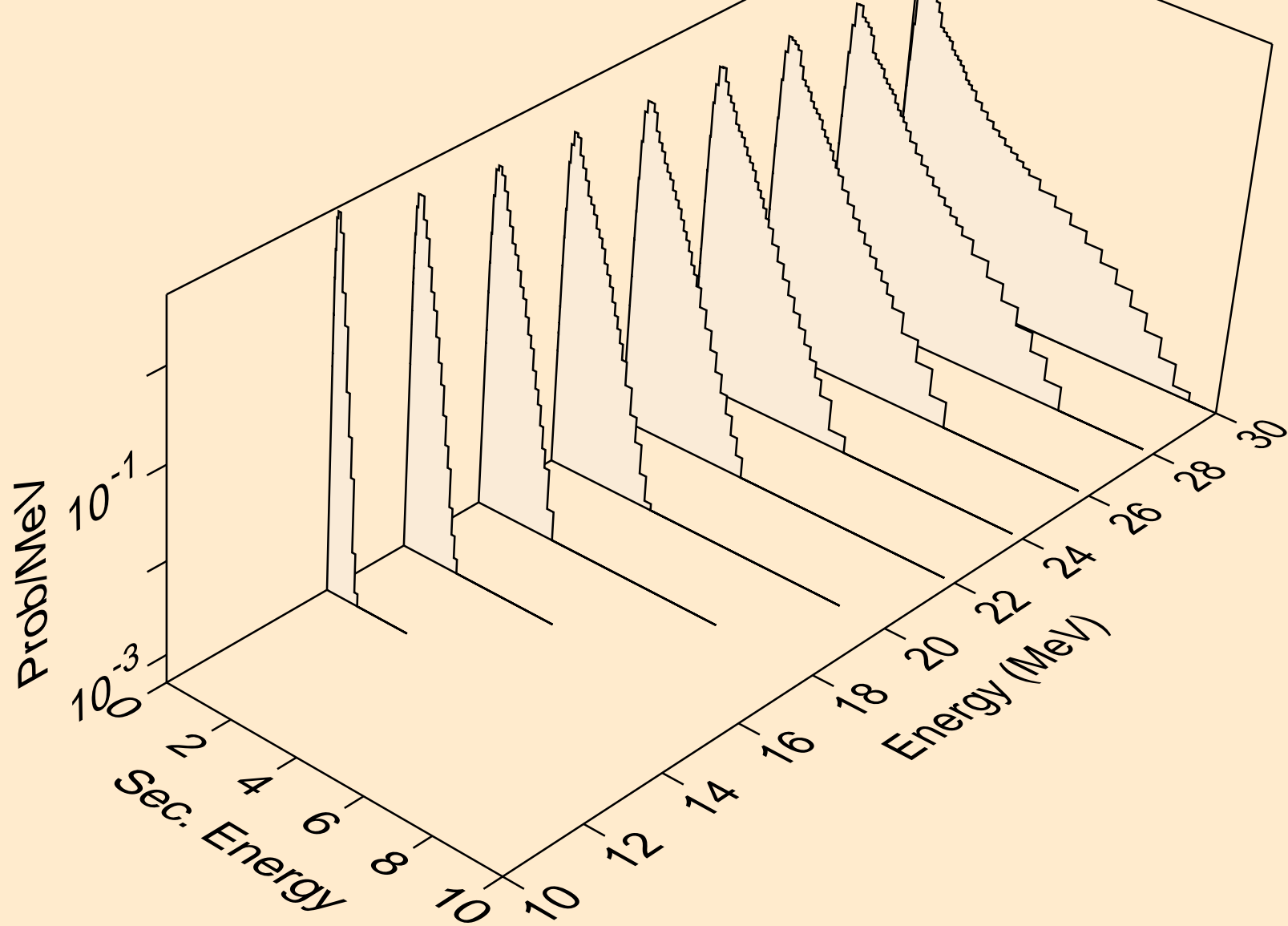
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

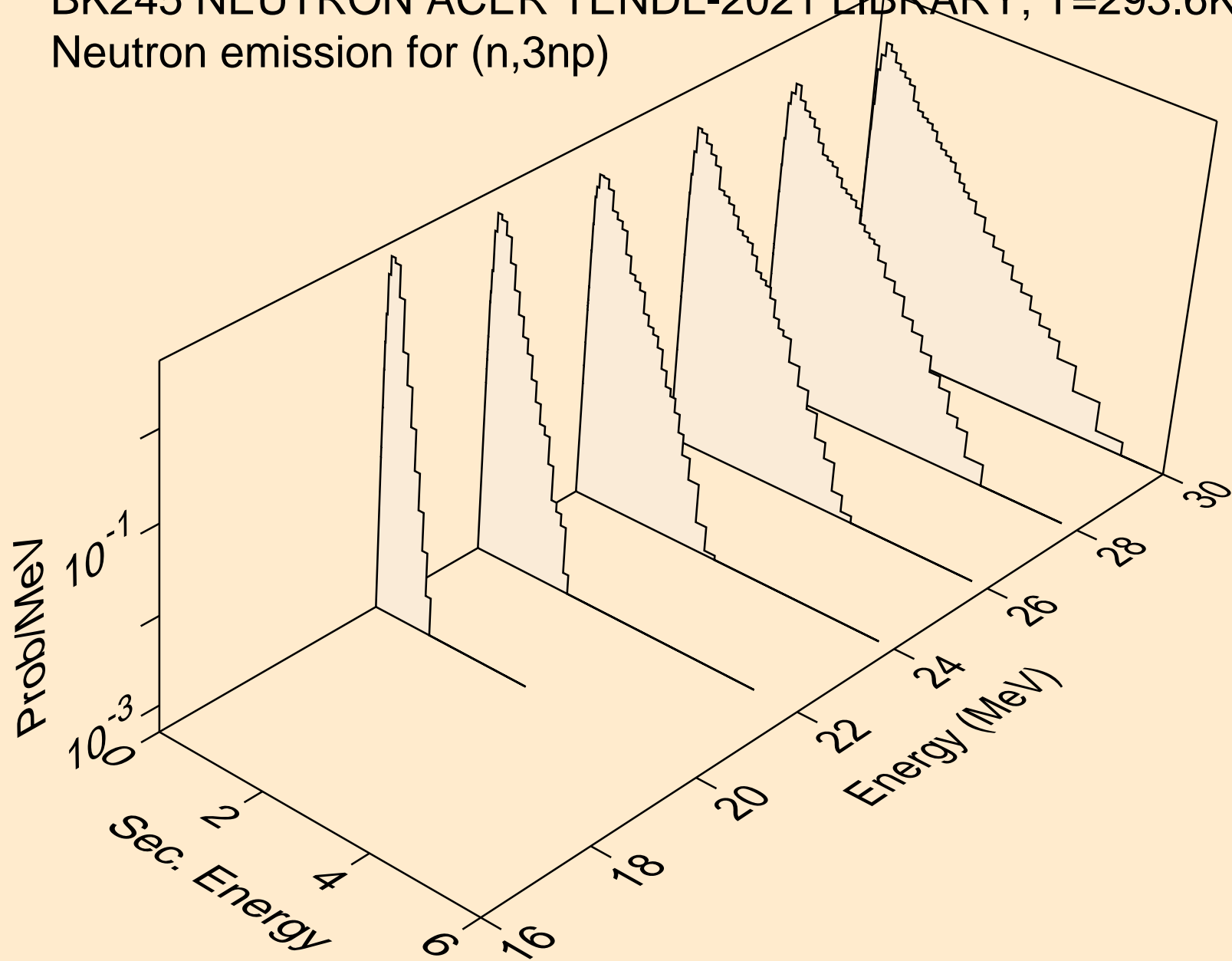


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

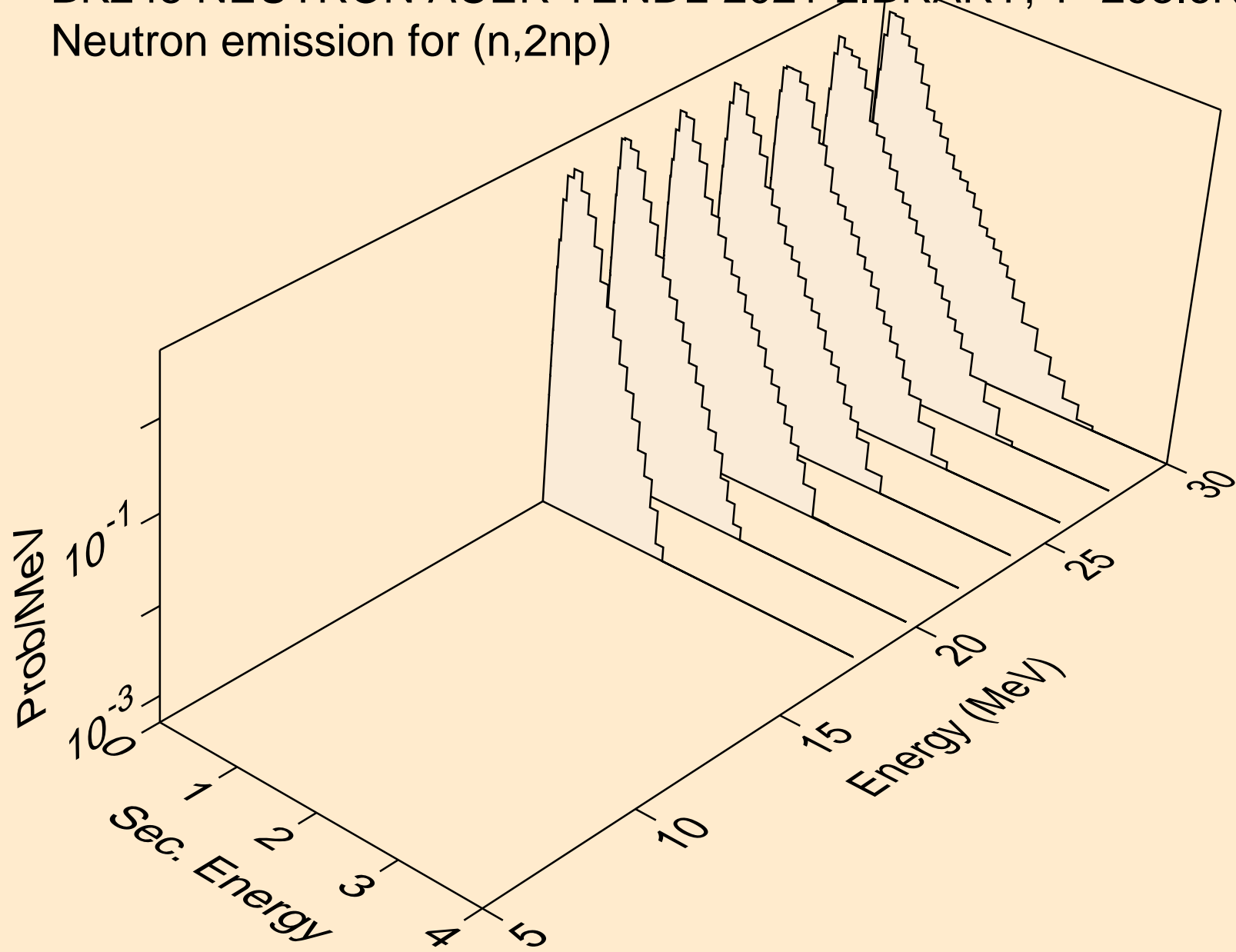




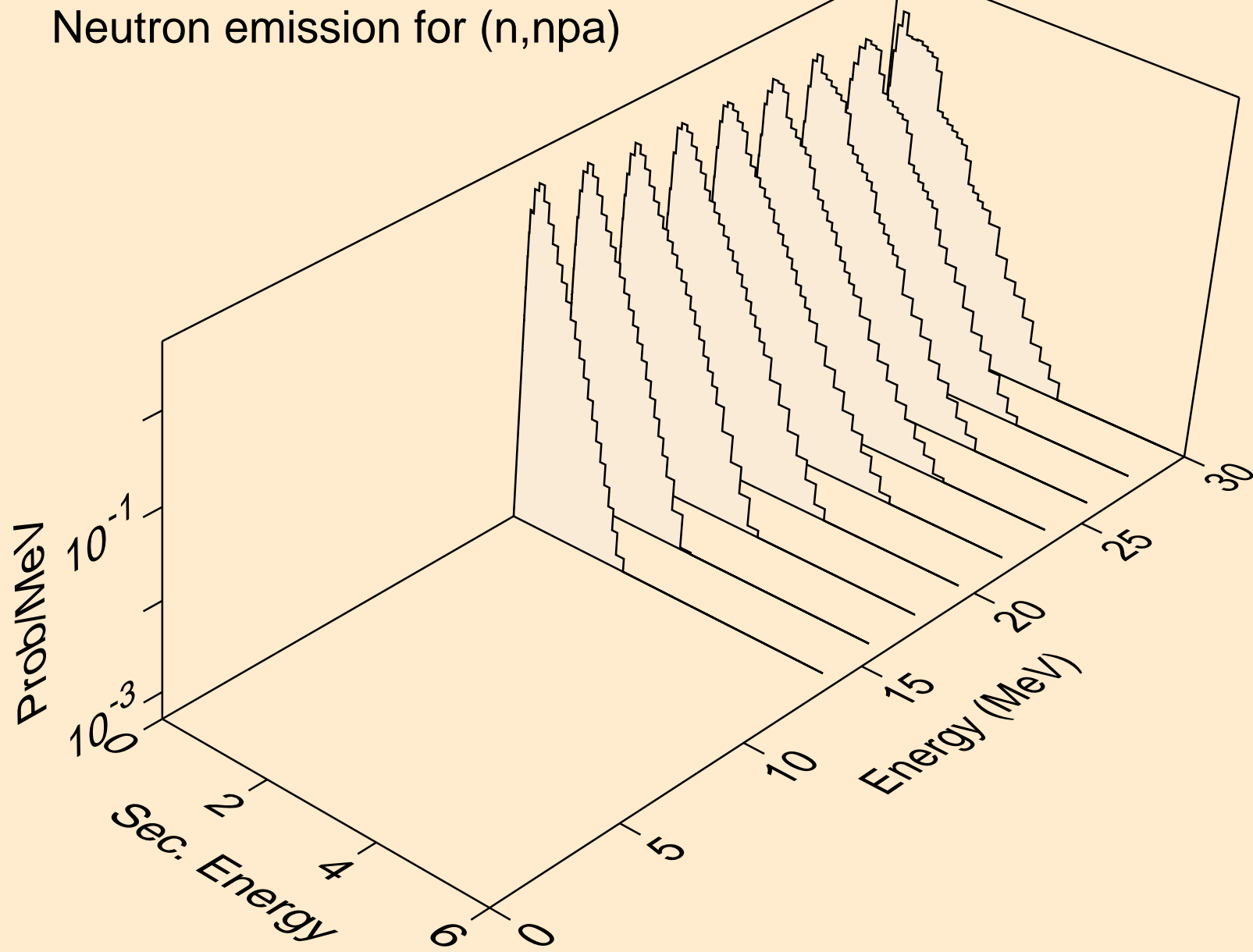
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



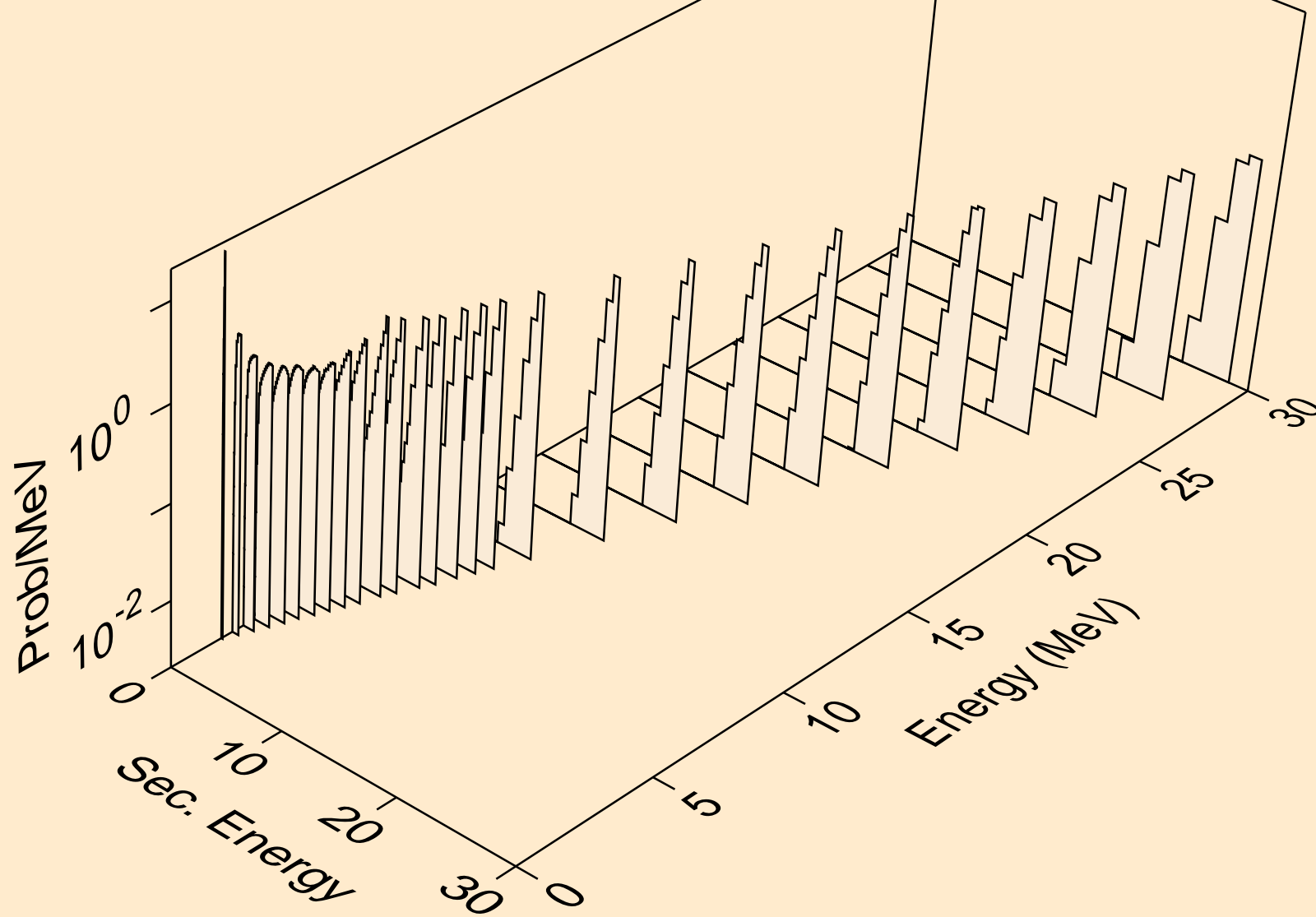
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

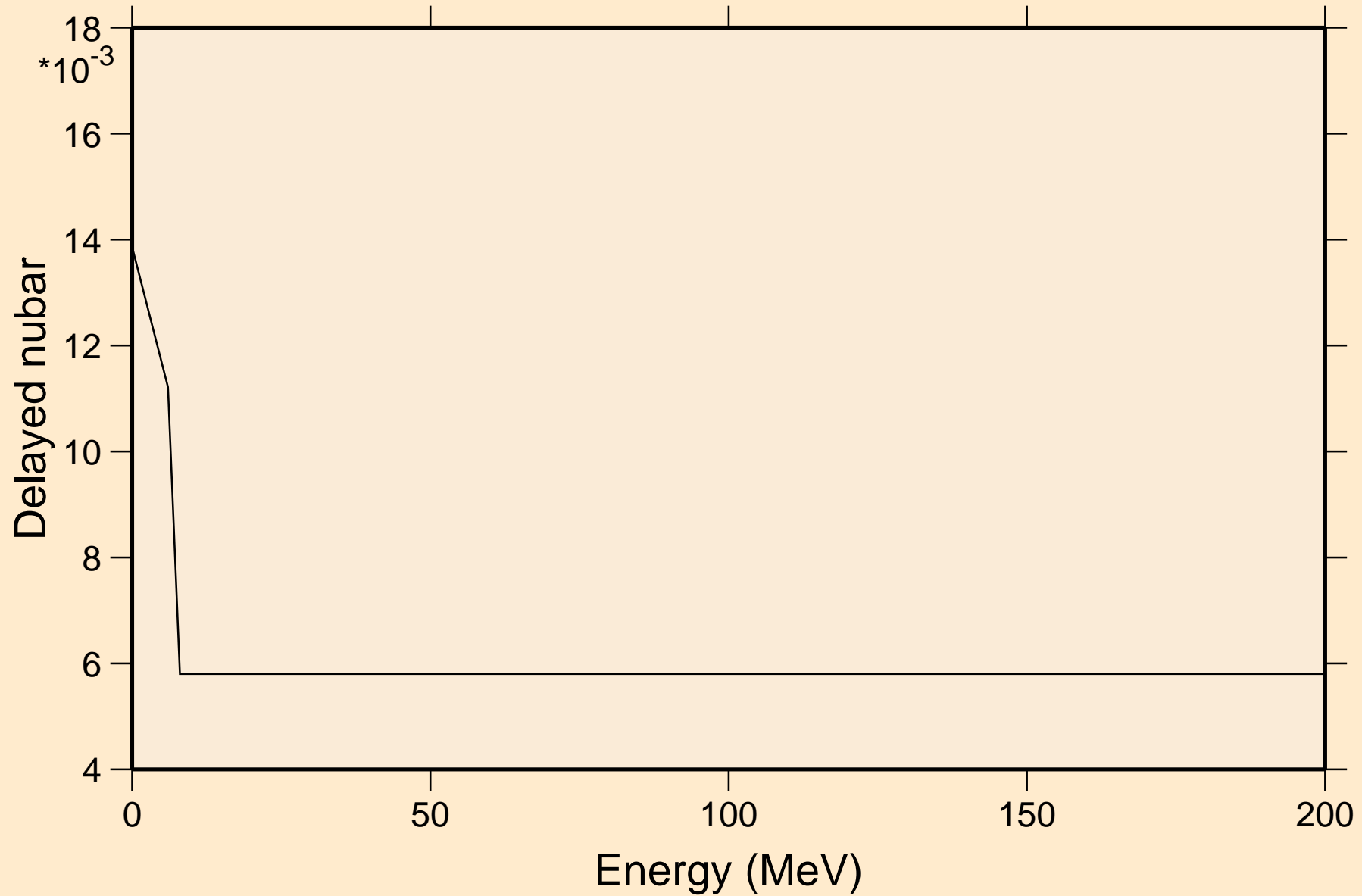


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



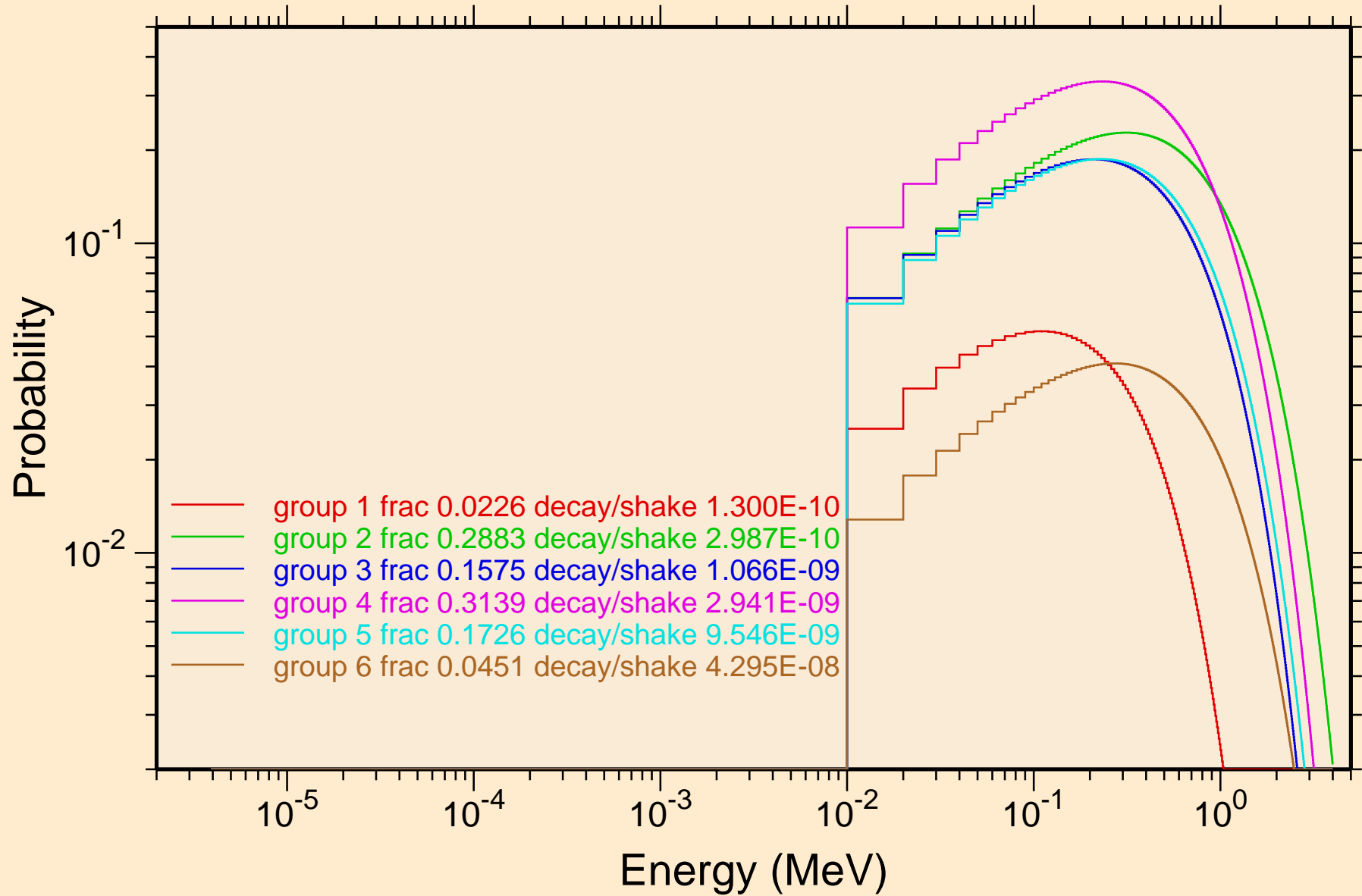
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Delayed nubar

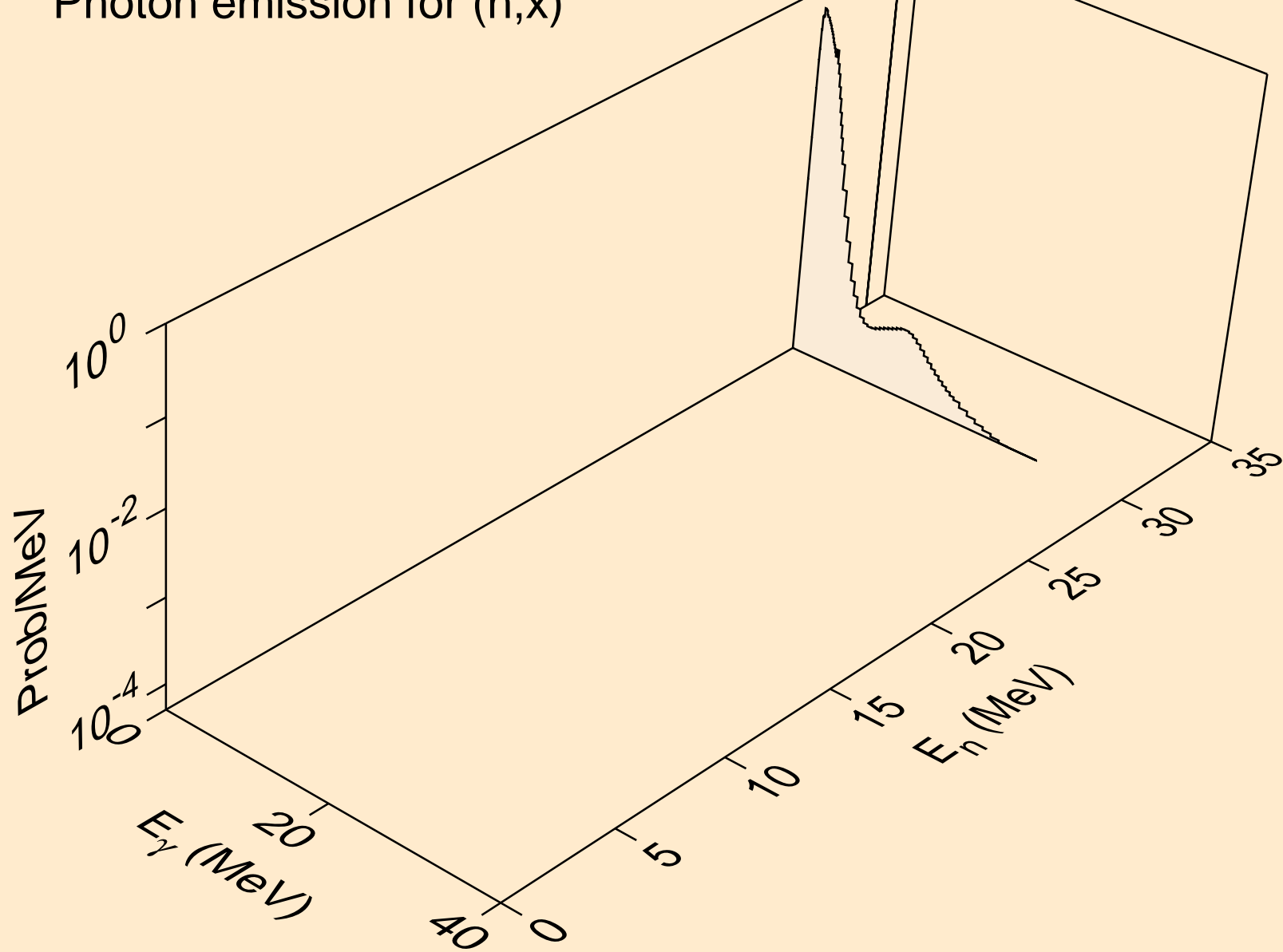


# BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

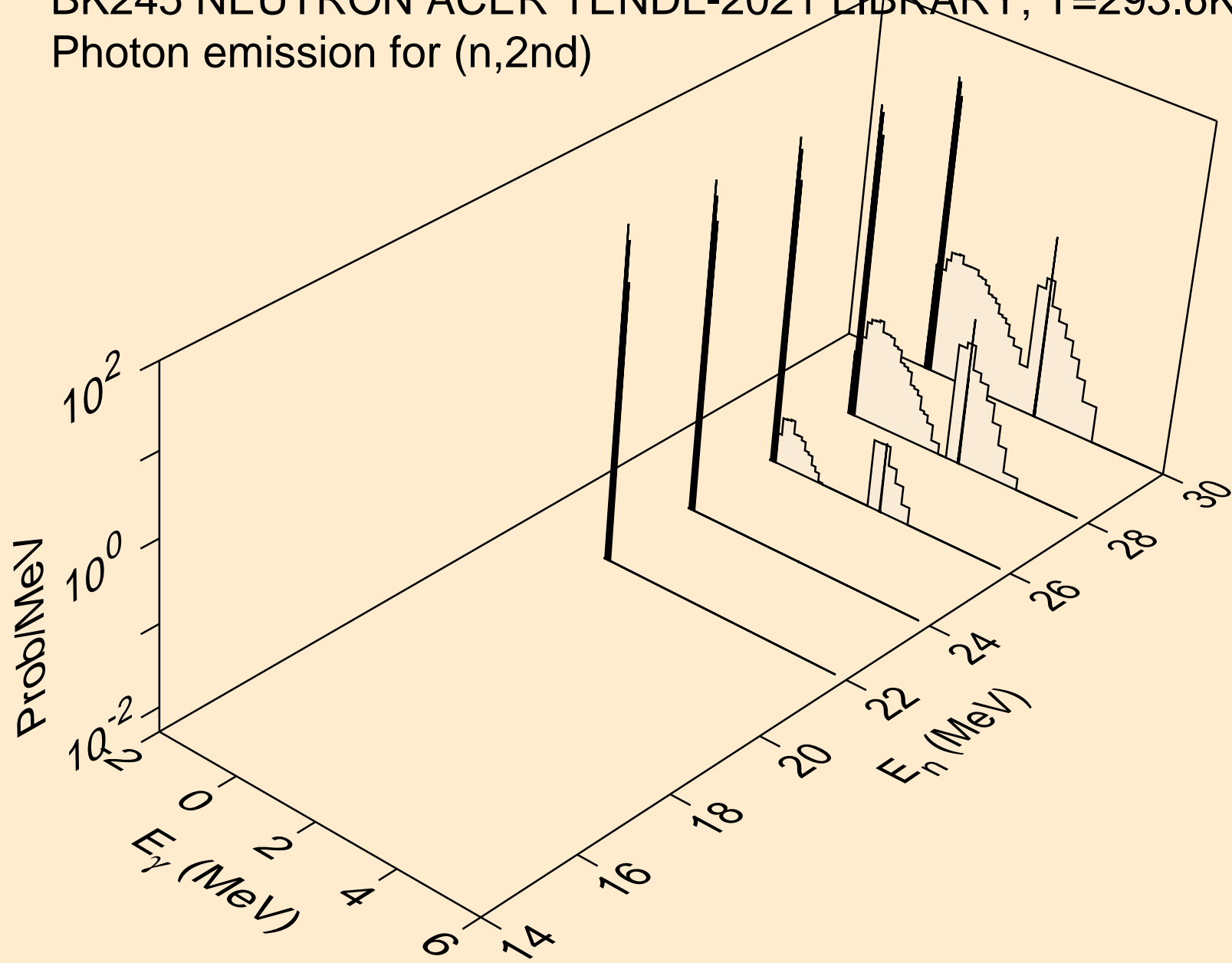
## Delayed neutron spectra



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

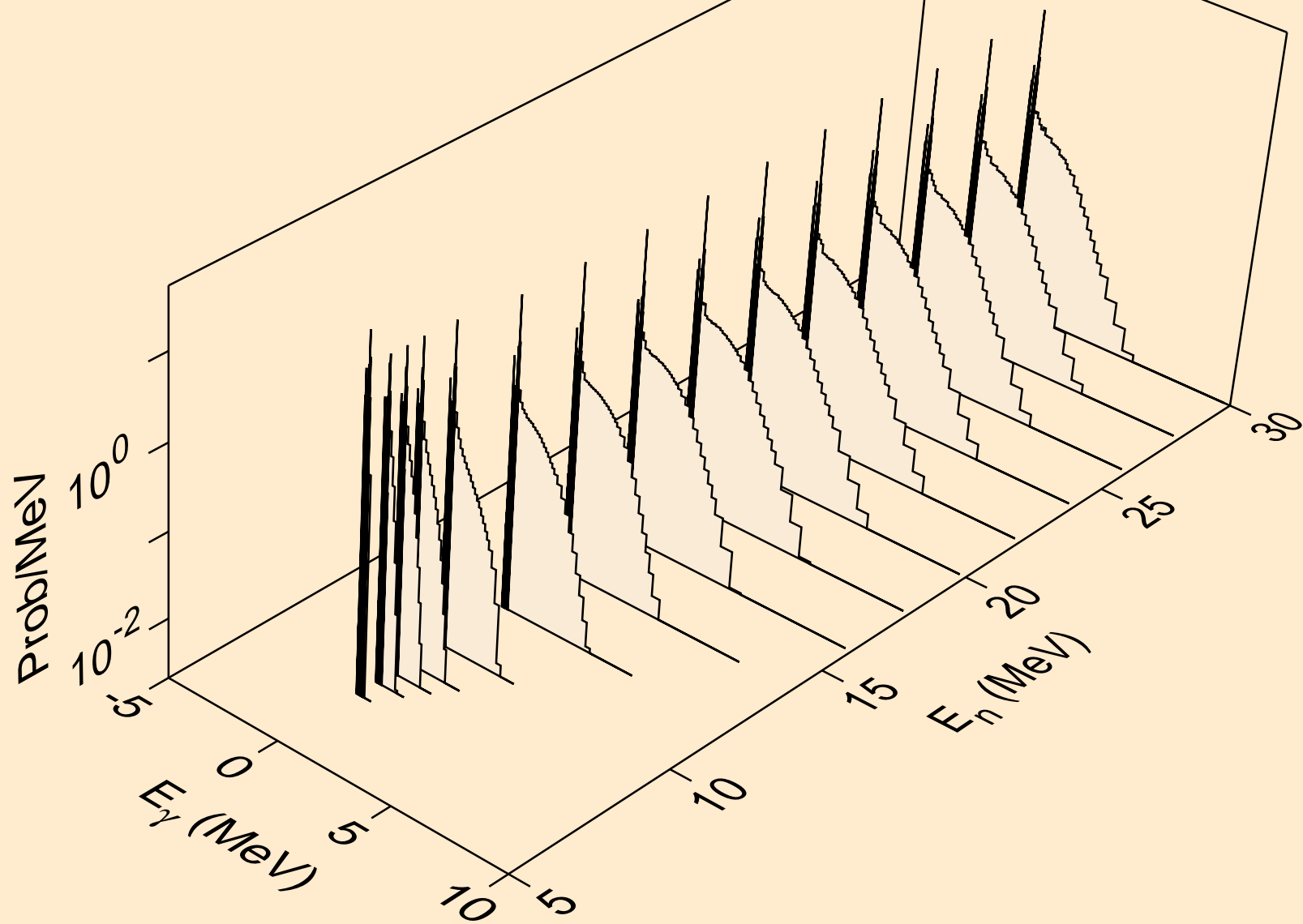


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

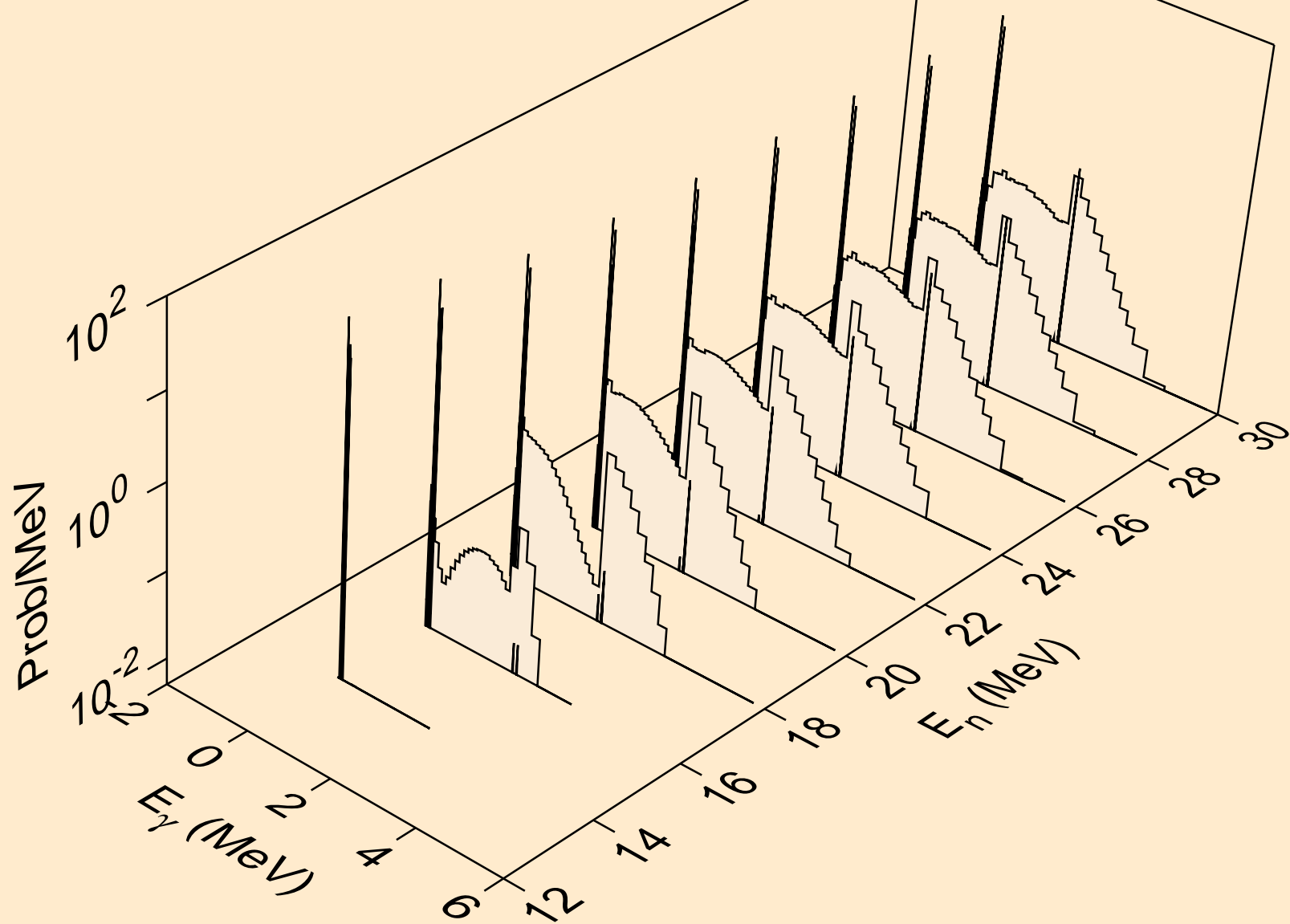




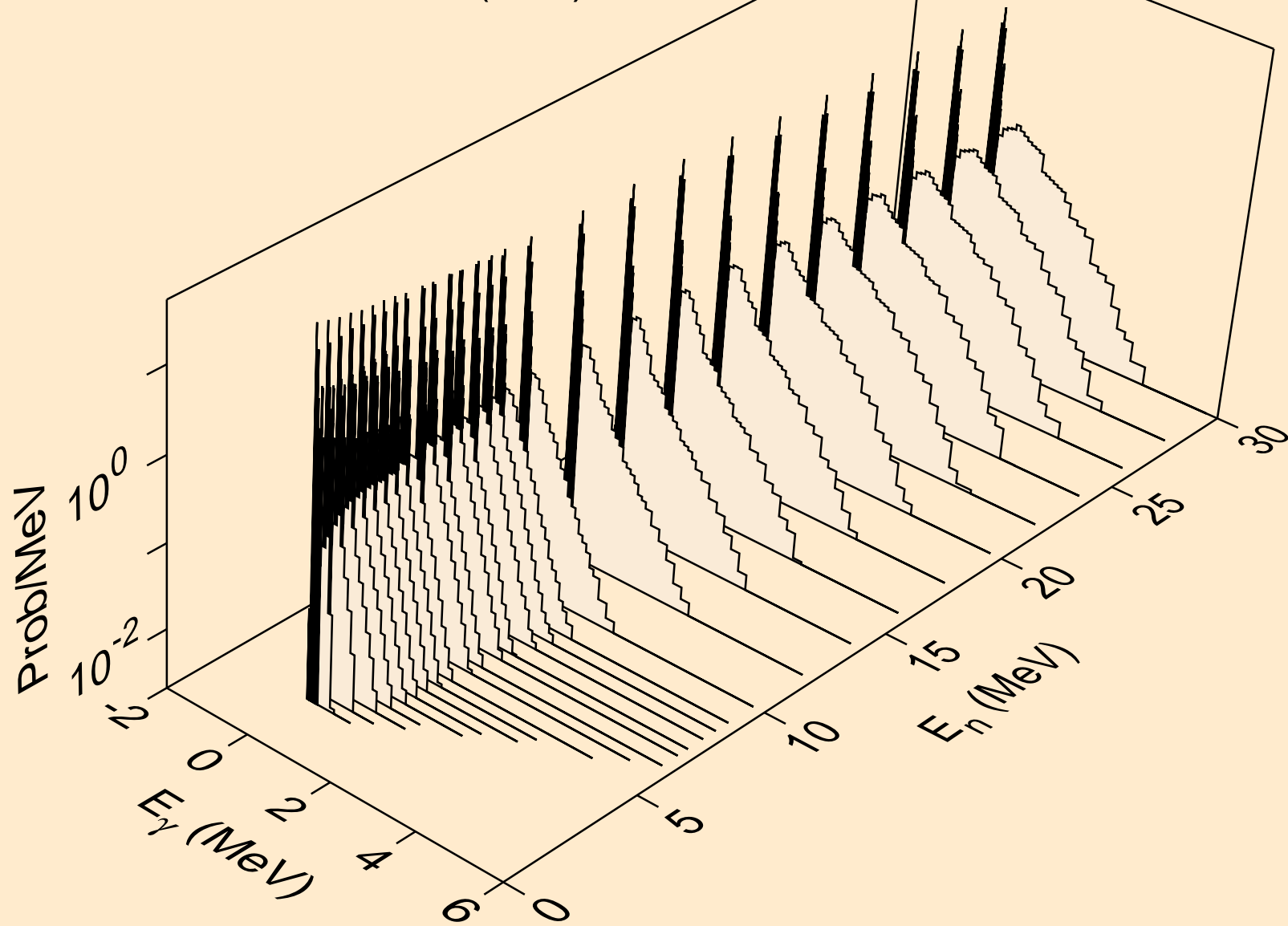
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



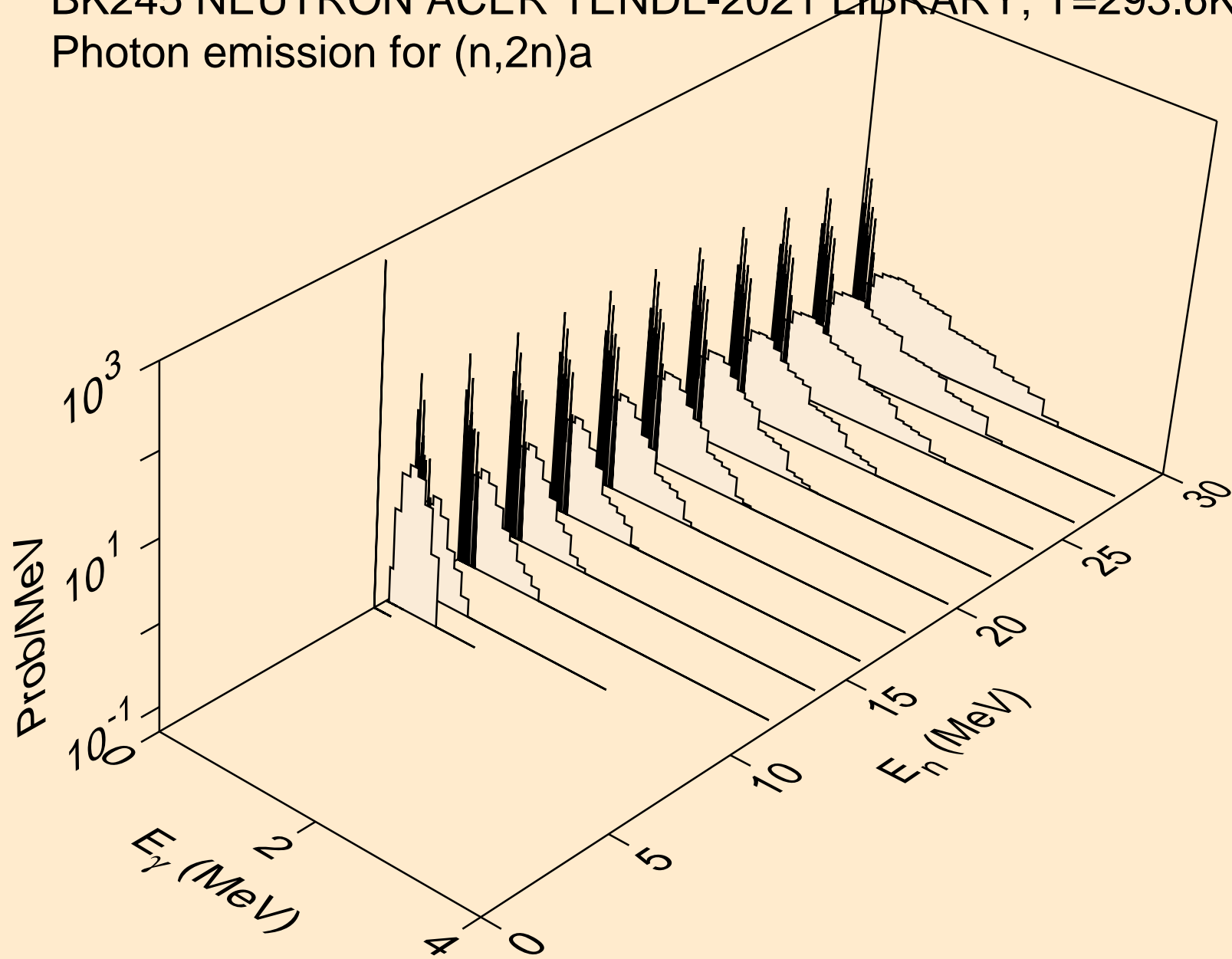
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



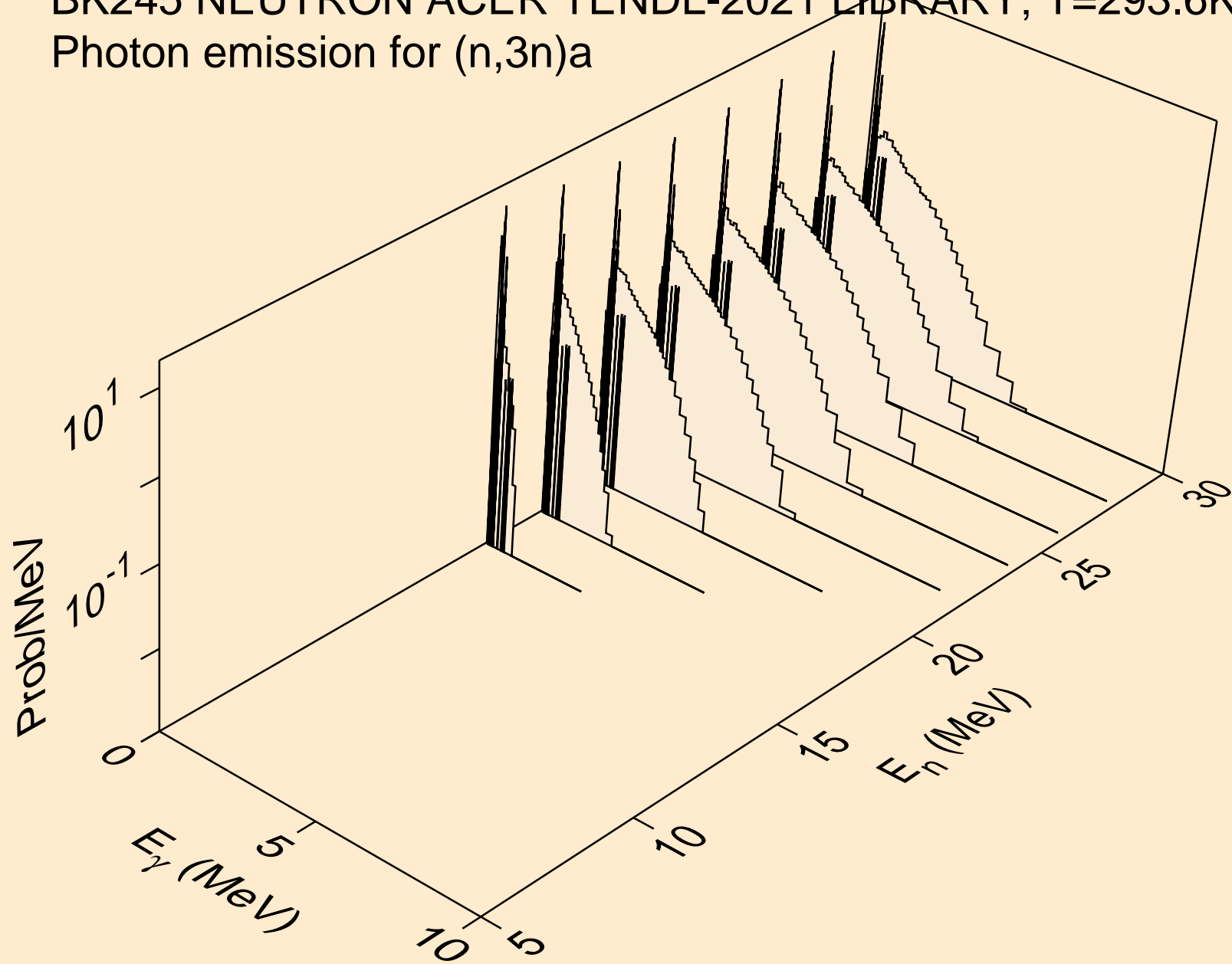
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



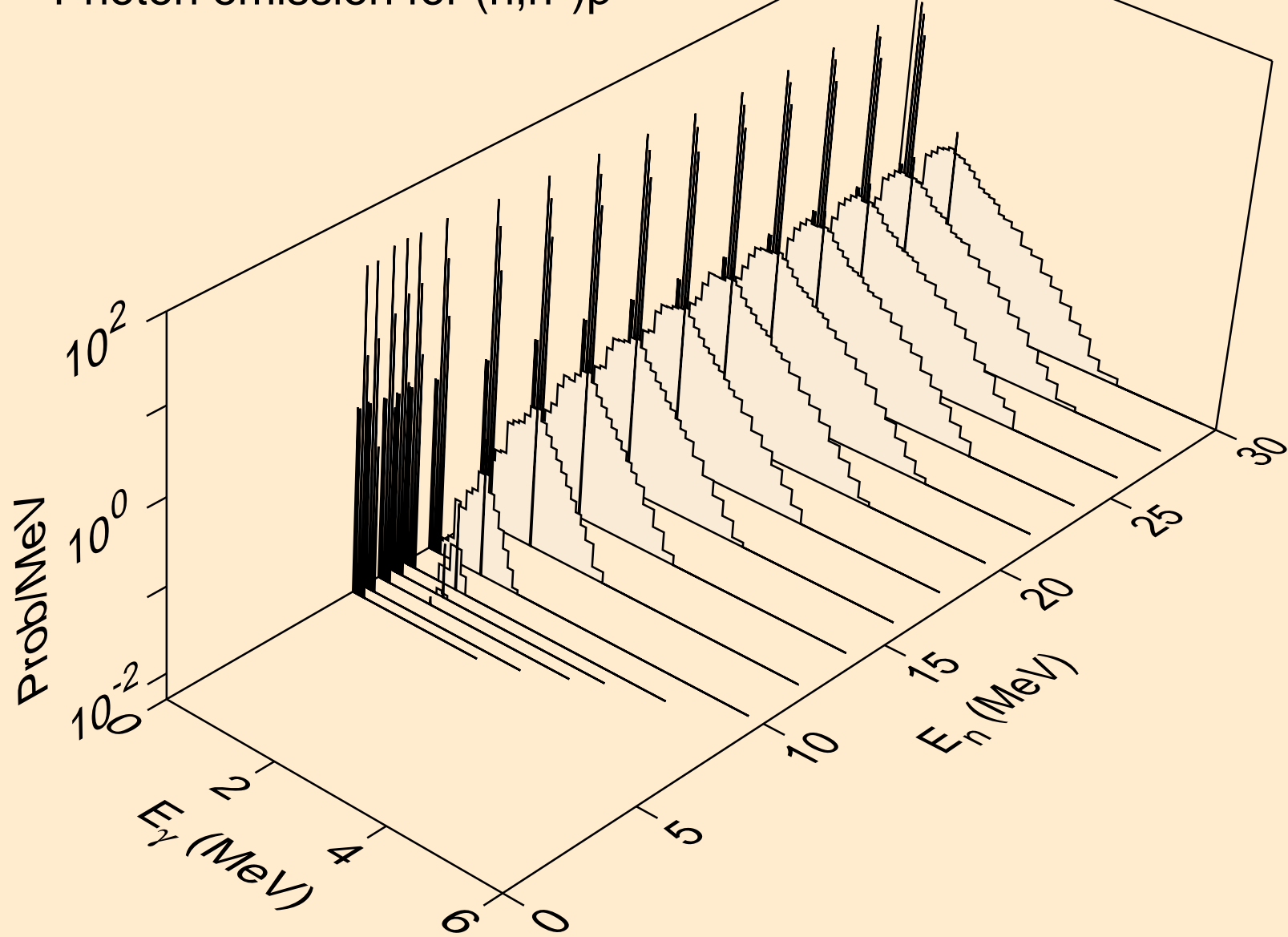
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n) $\alpha$



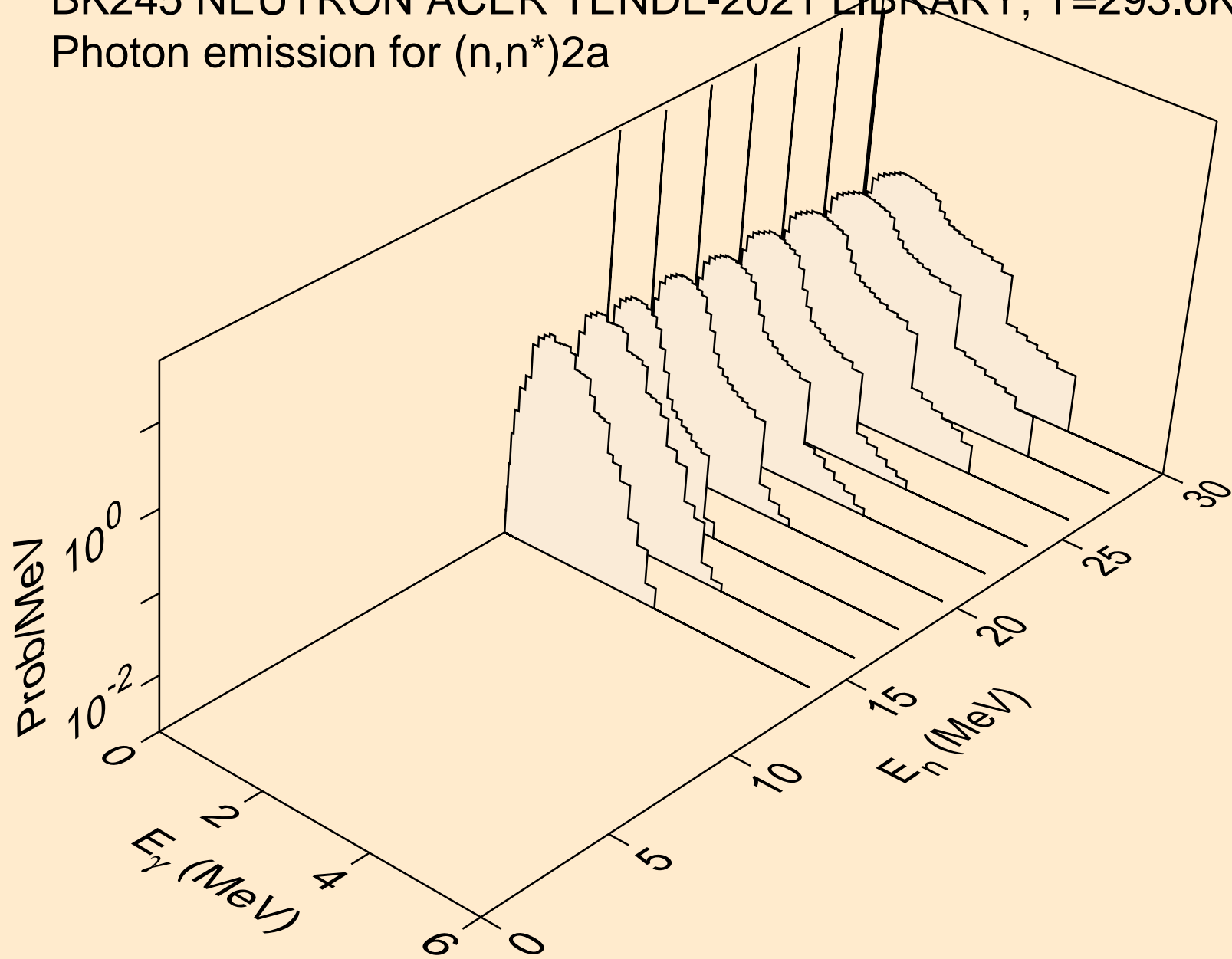
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



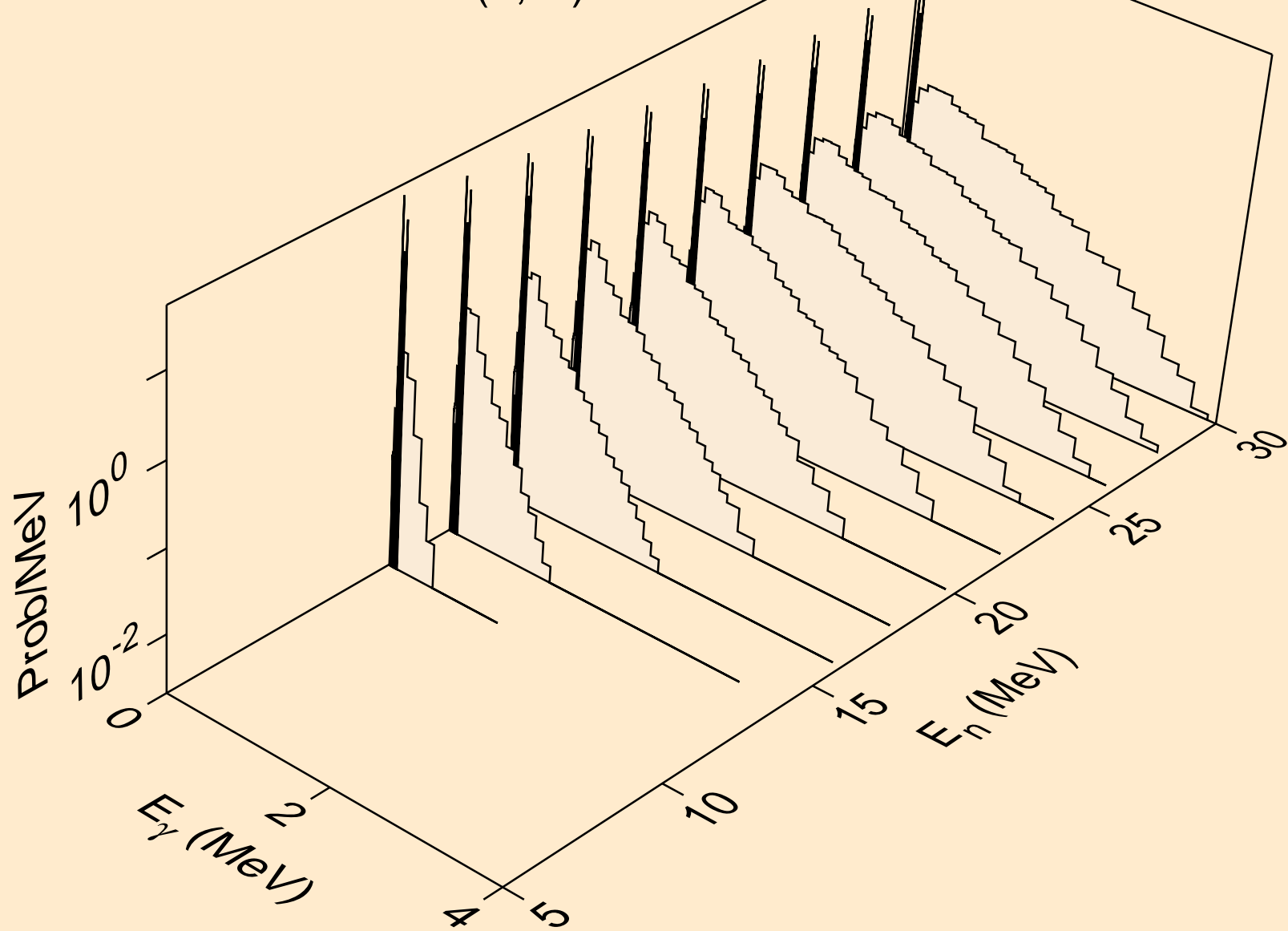
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

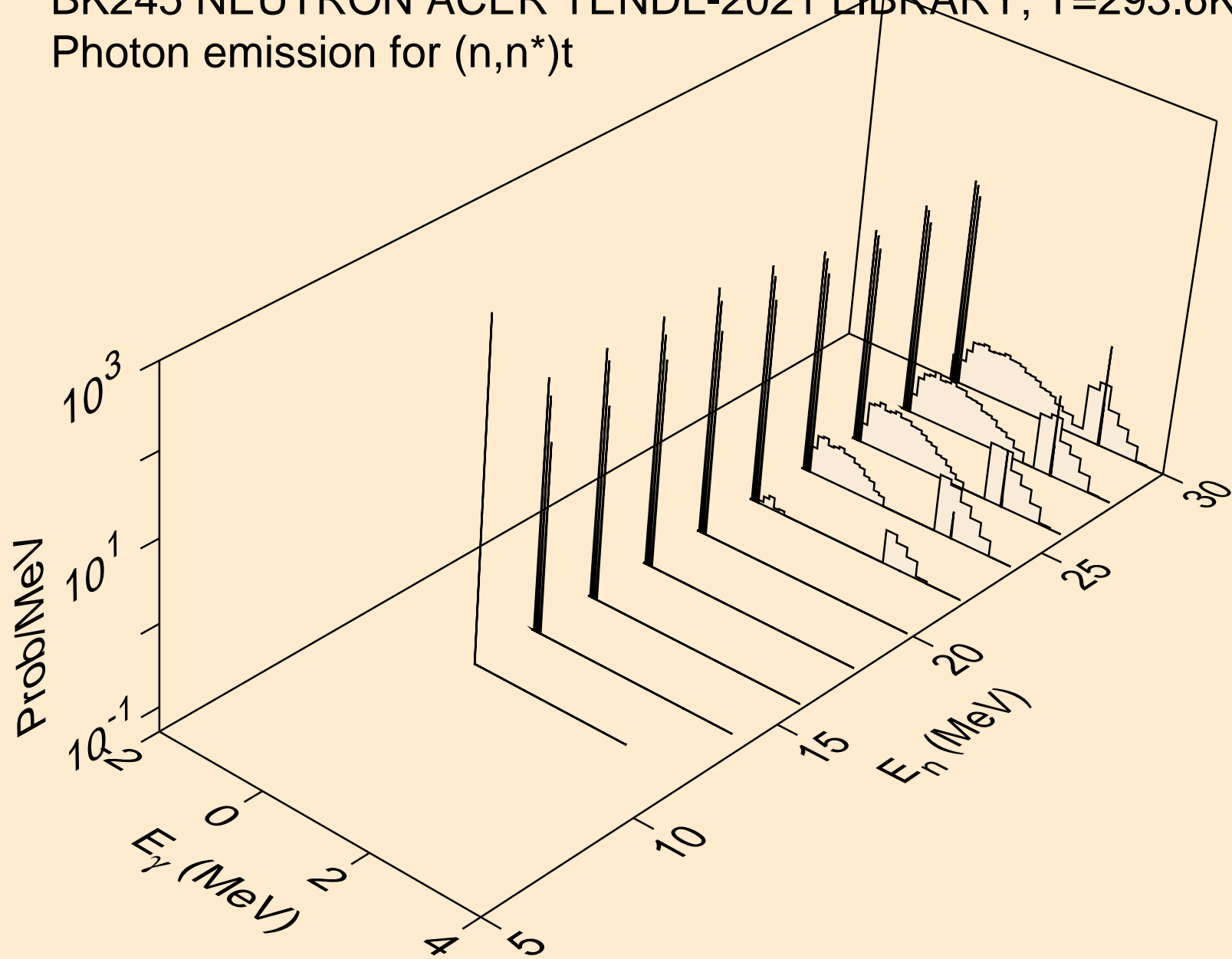


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

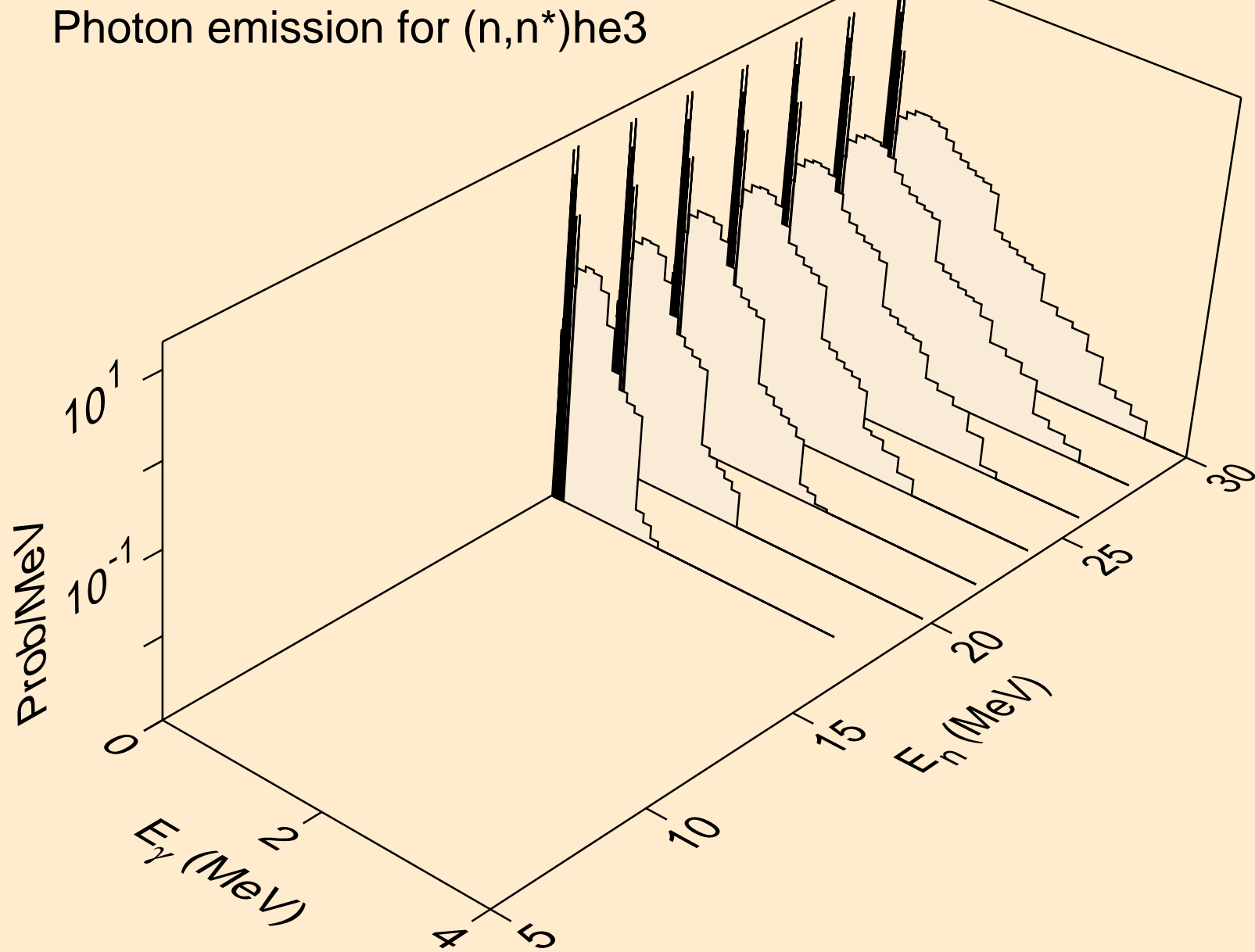




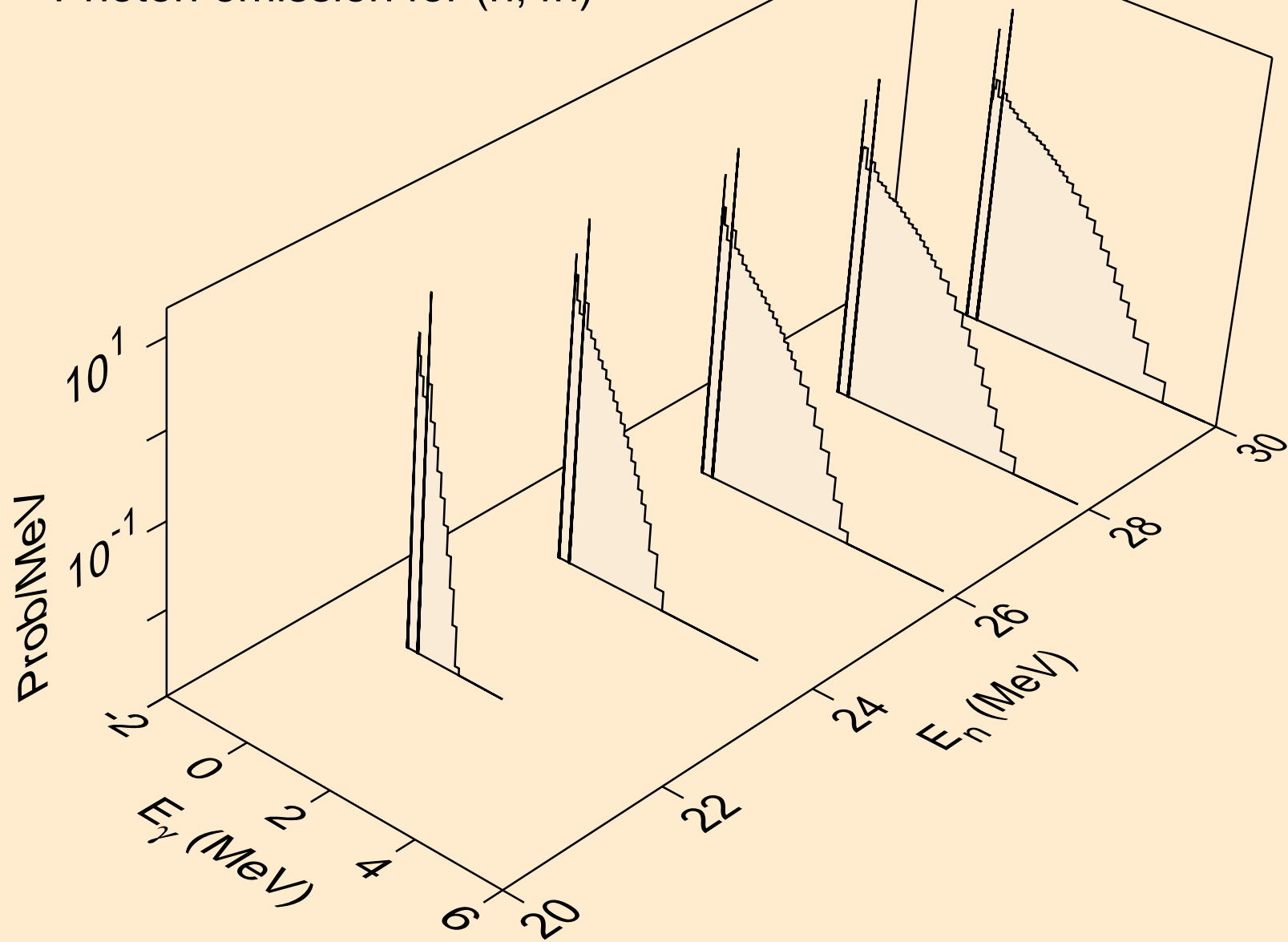
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



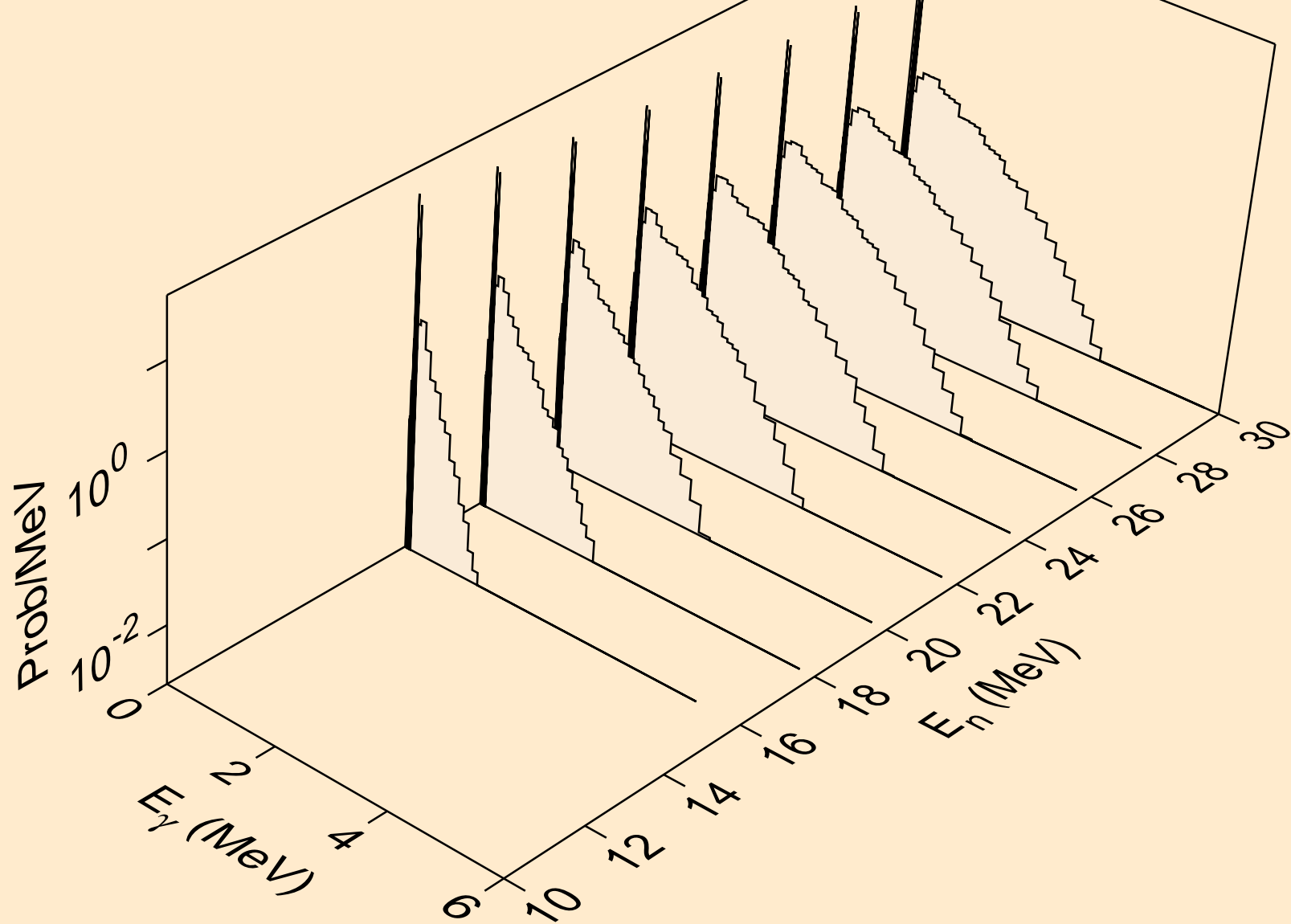
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



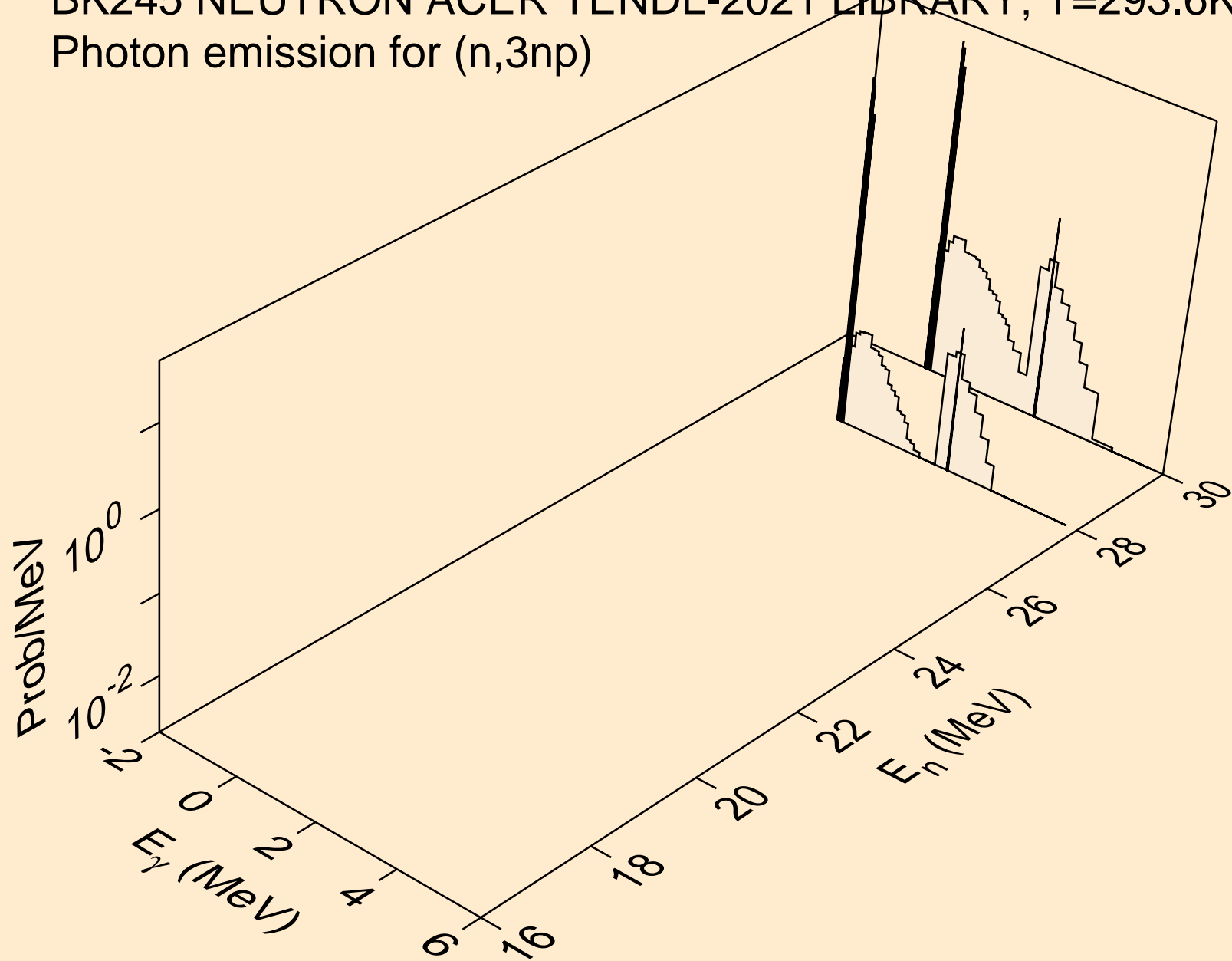
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



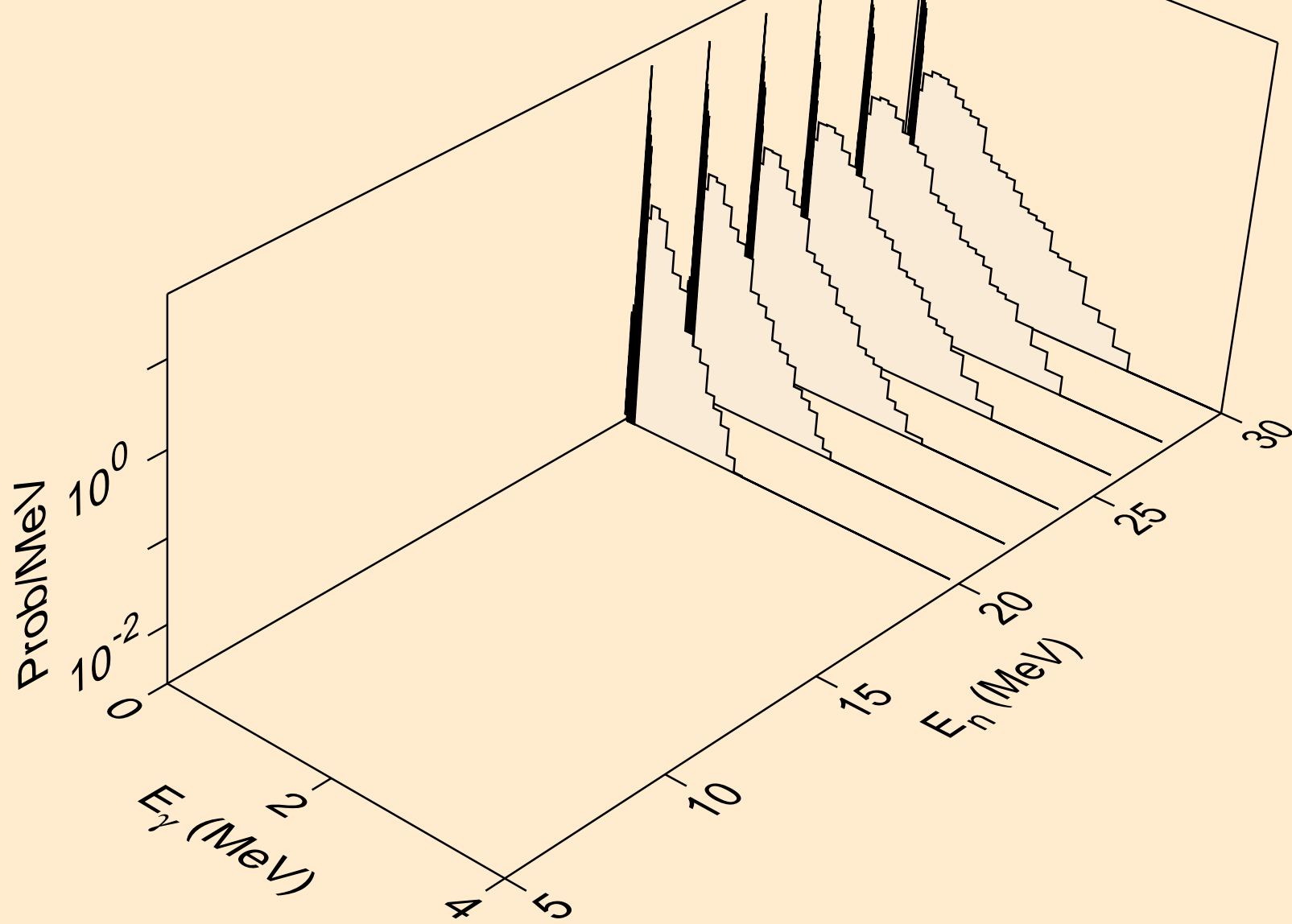
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



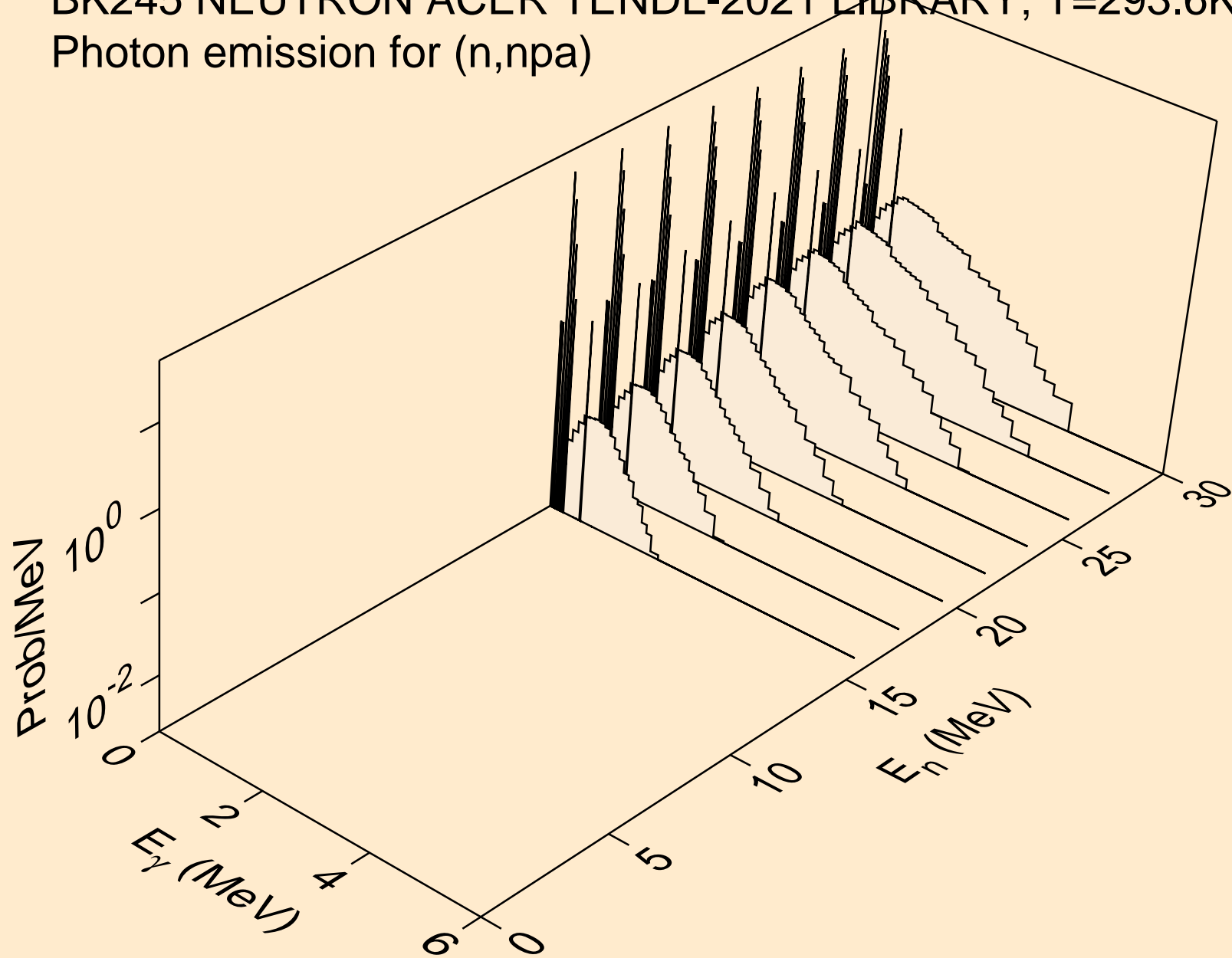
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



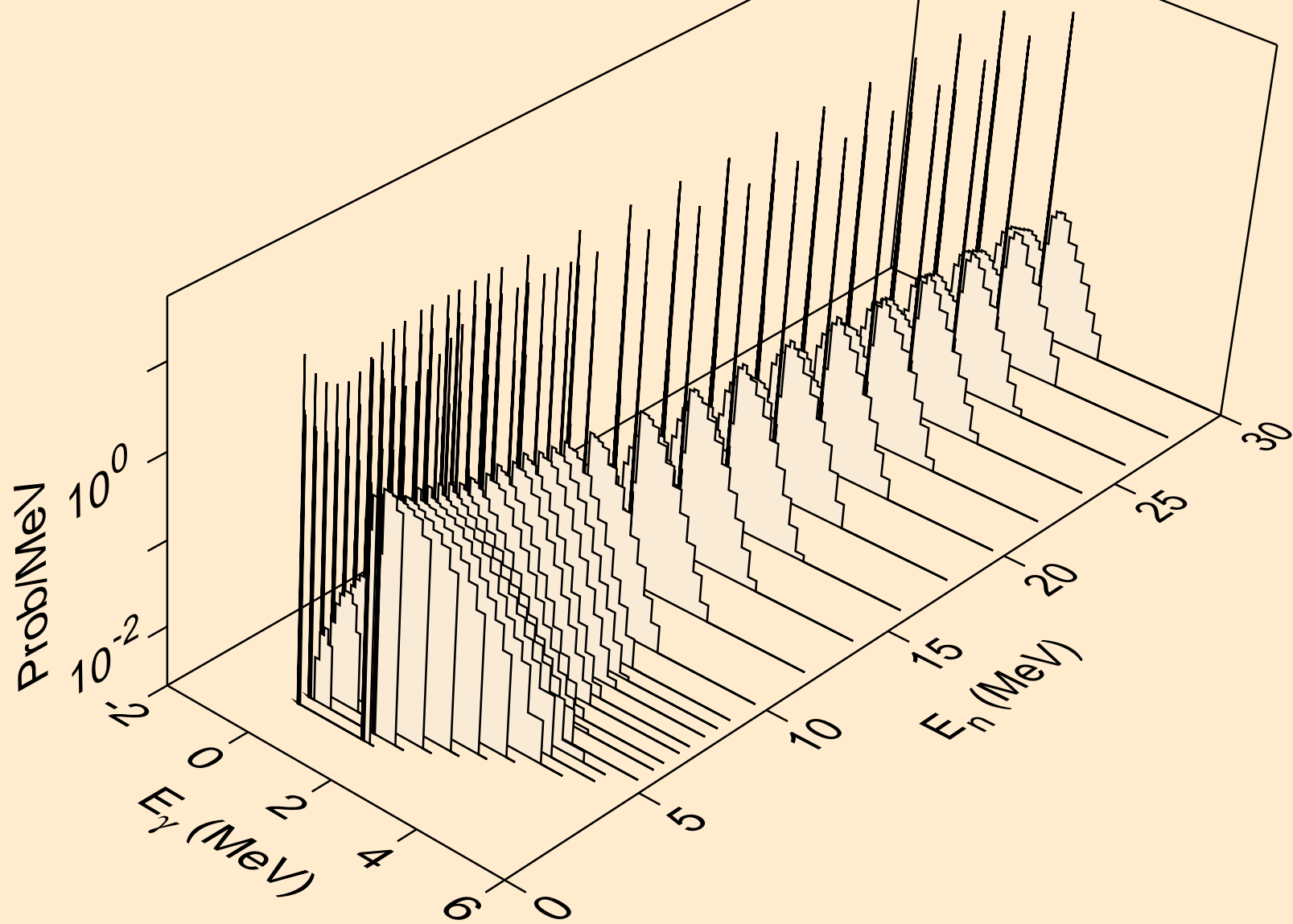
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

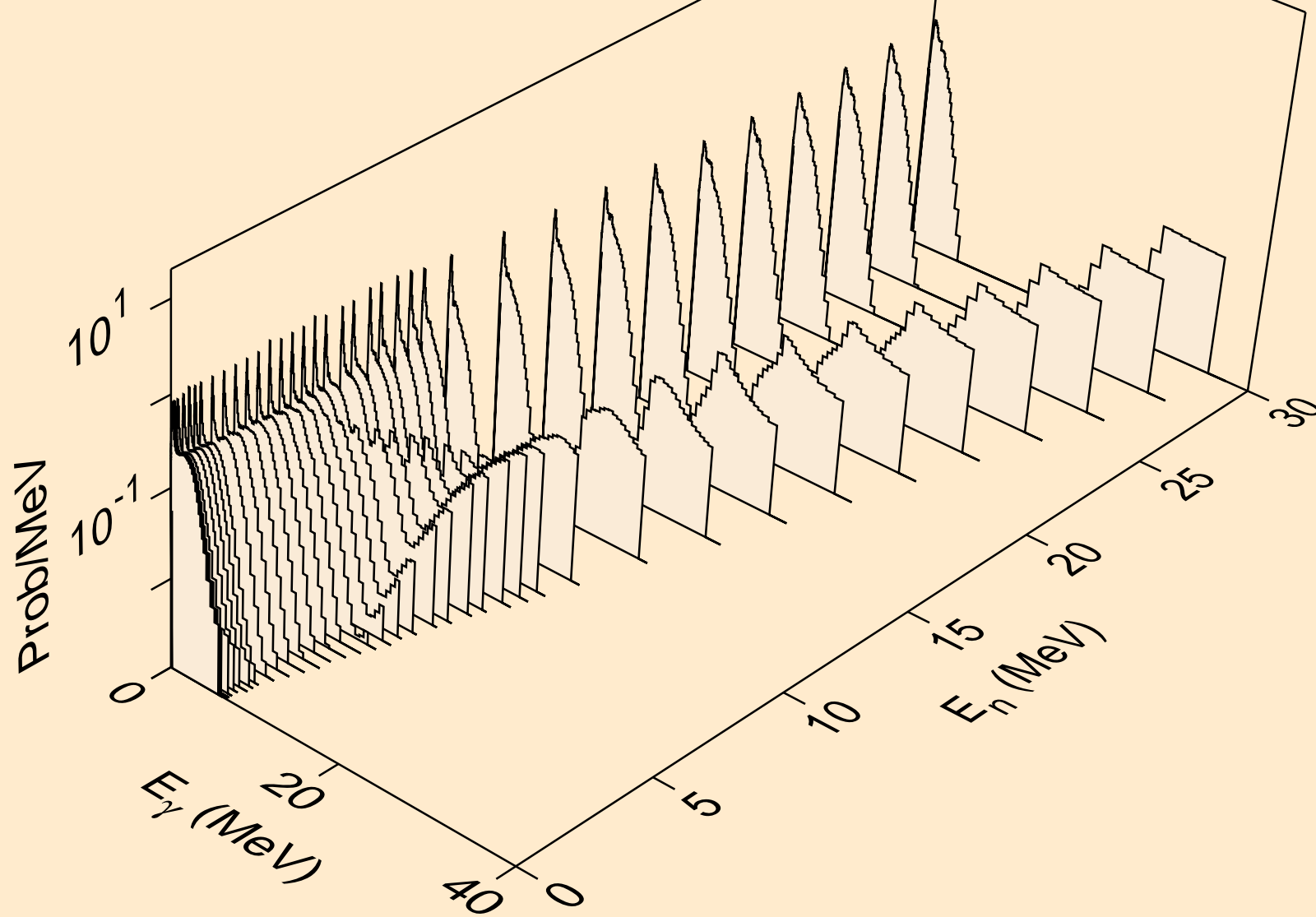


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

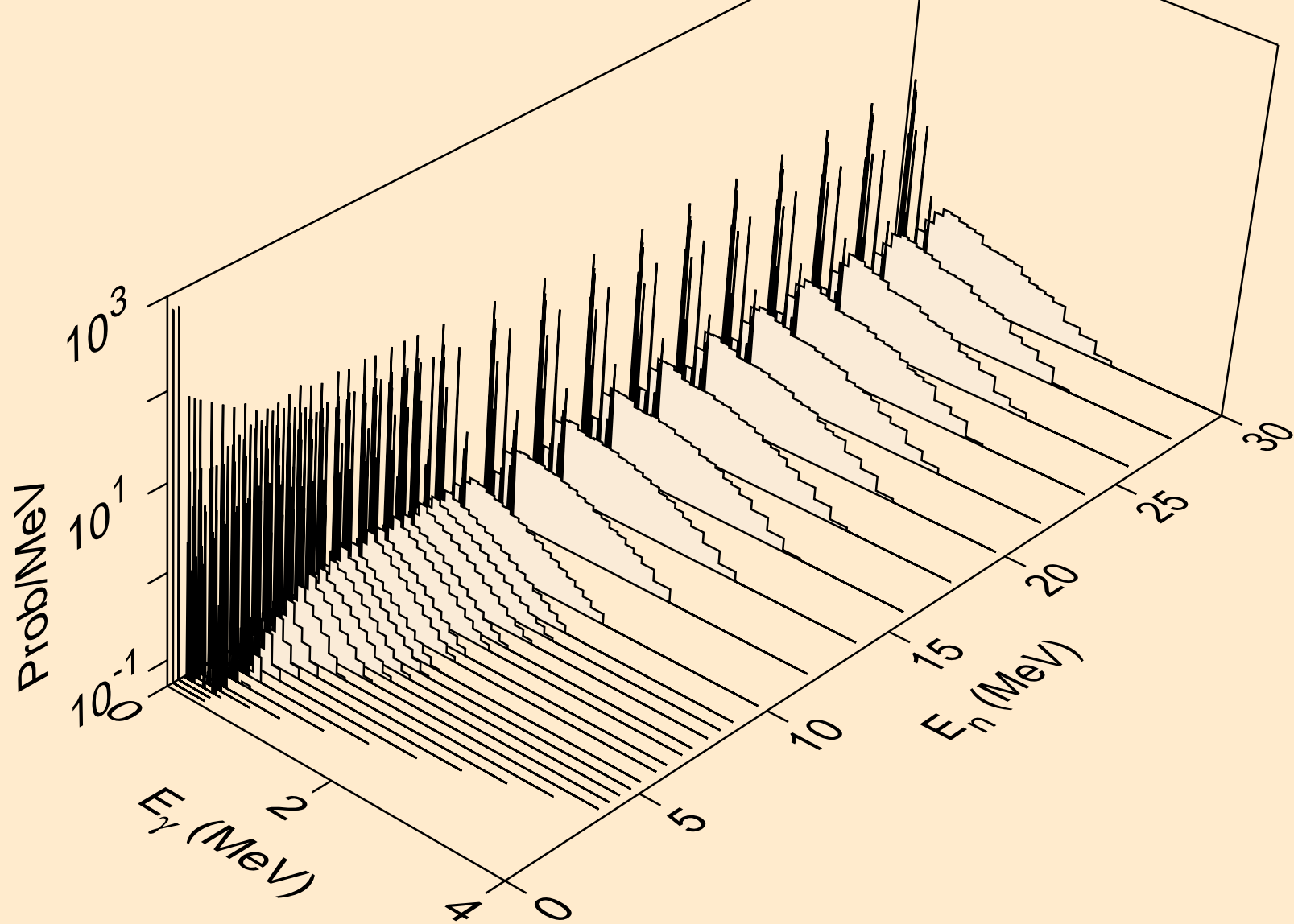




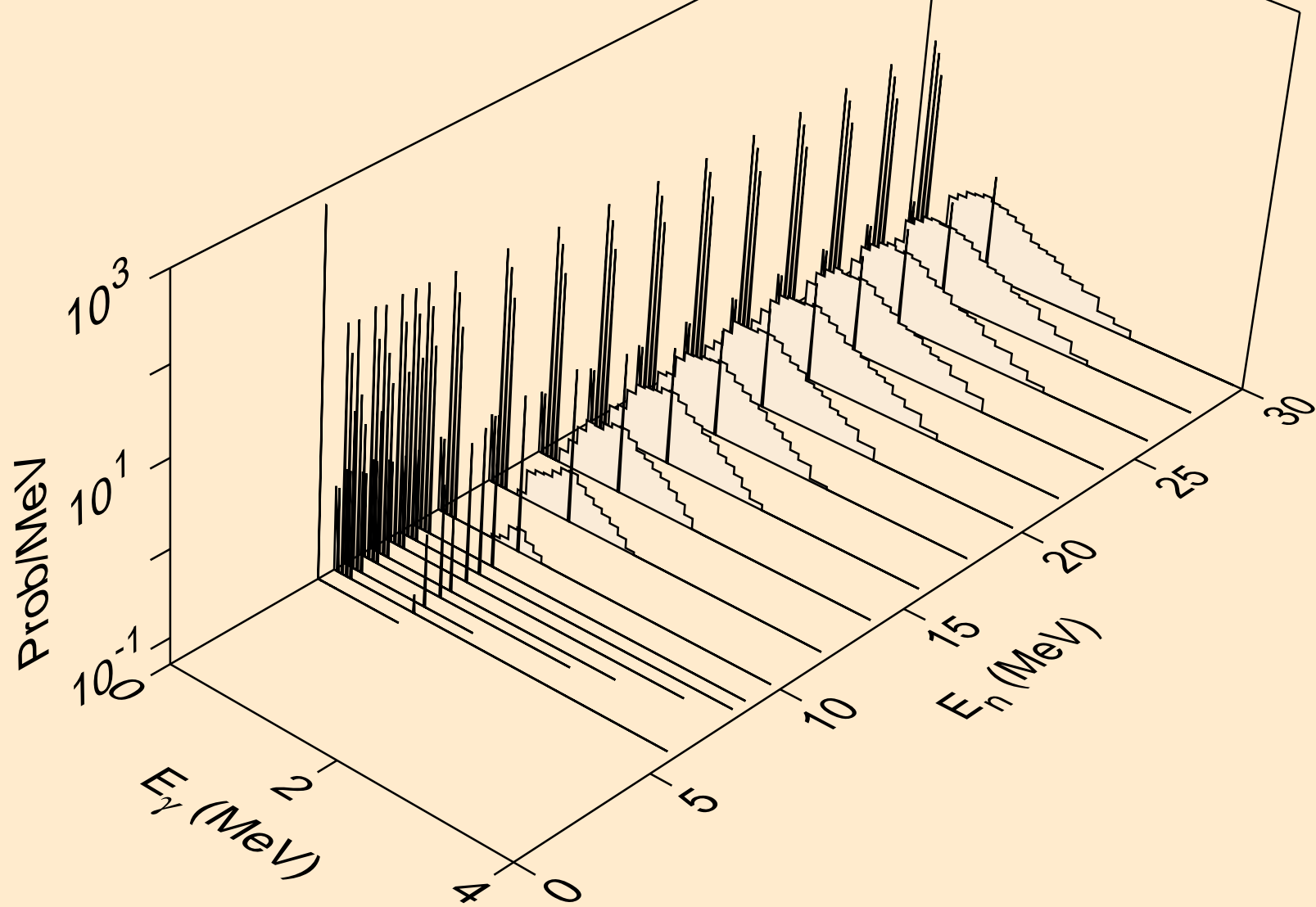
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Photon emission for (n,gma)



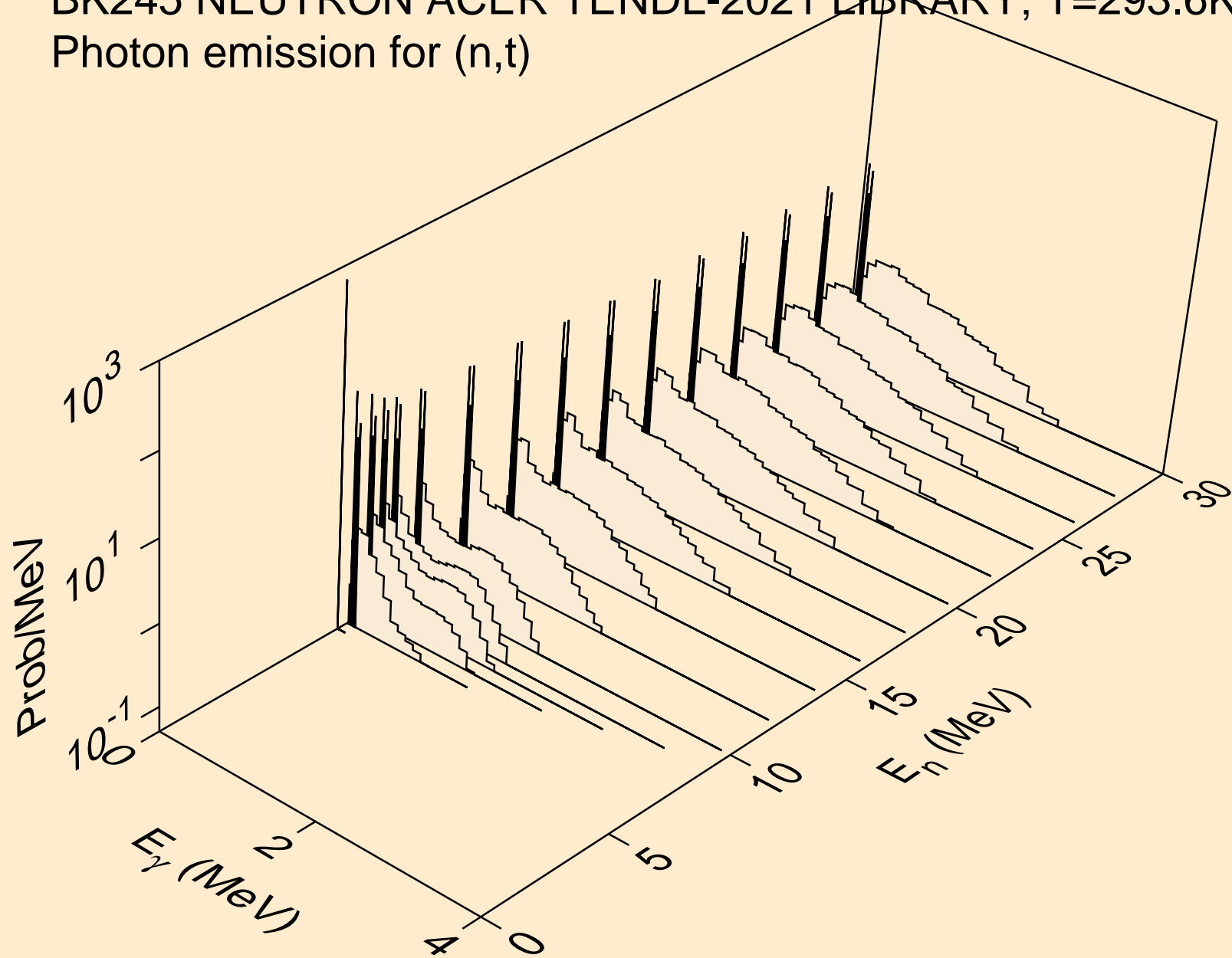
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



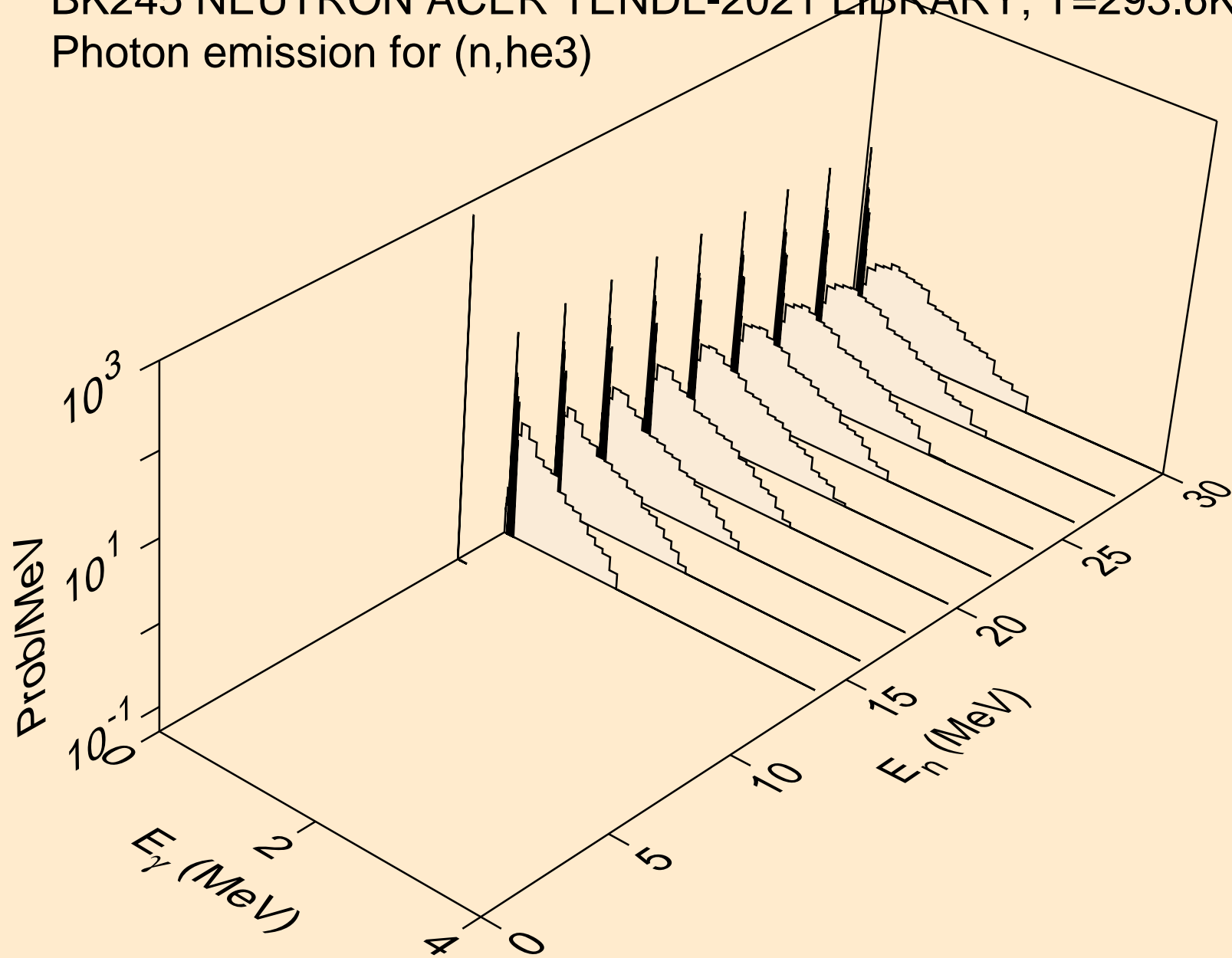
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Photon emission for (n,d)



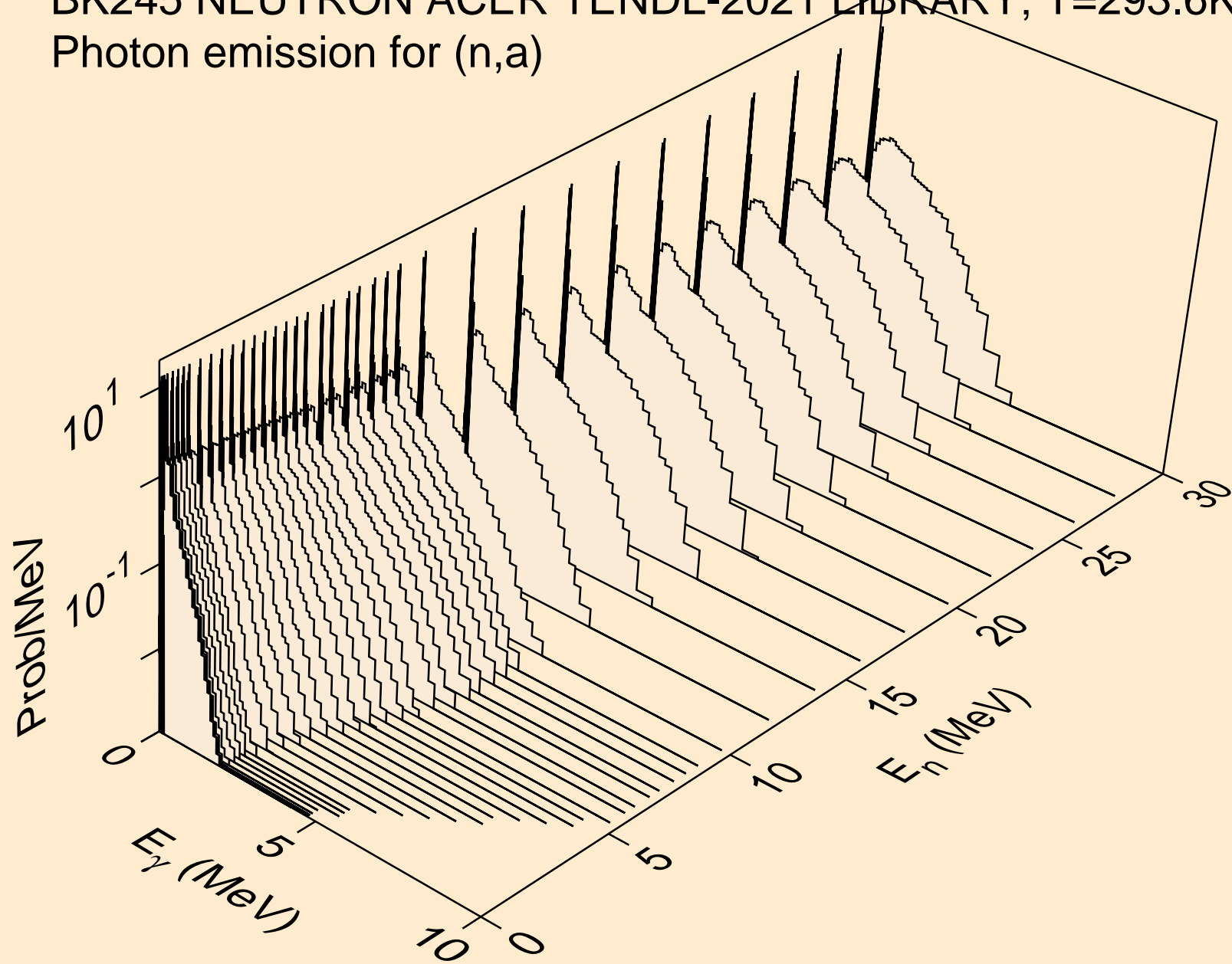
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Photon emission for (n,t)



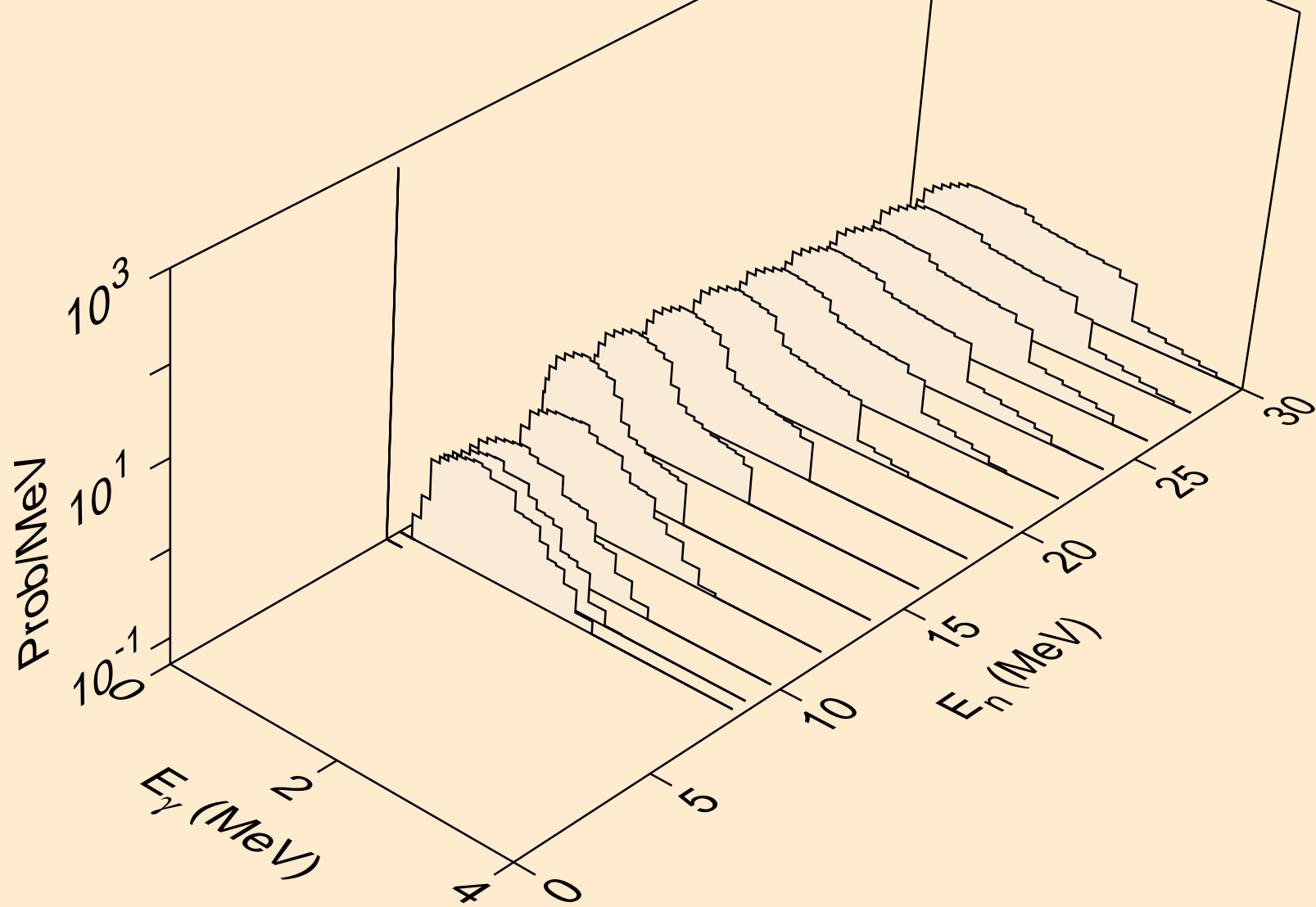
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



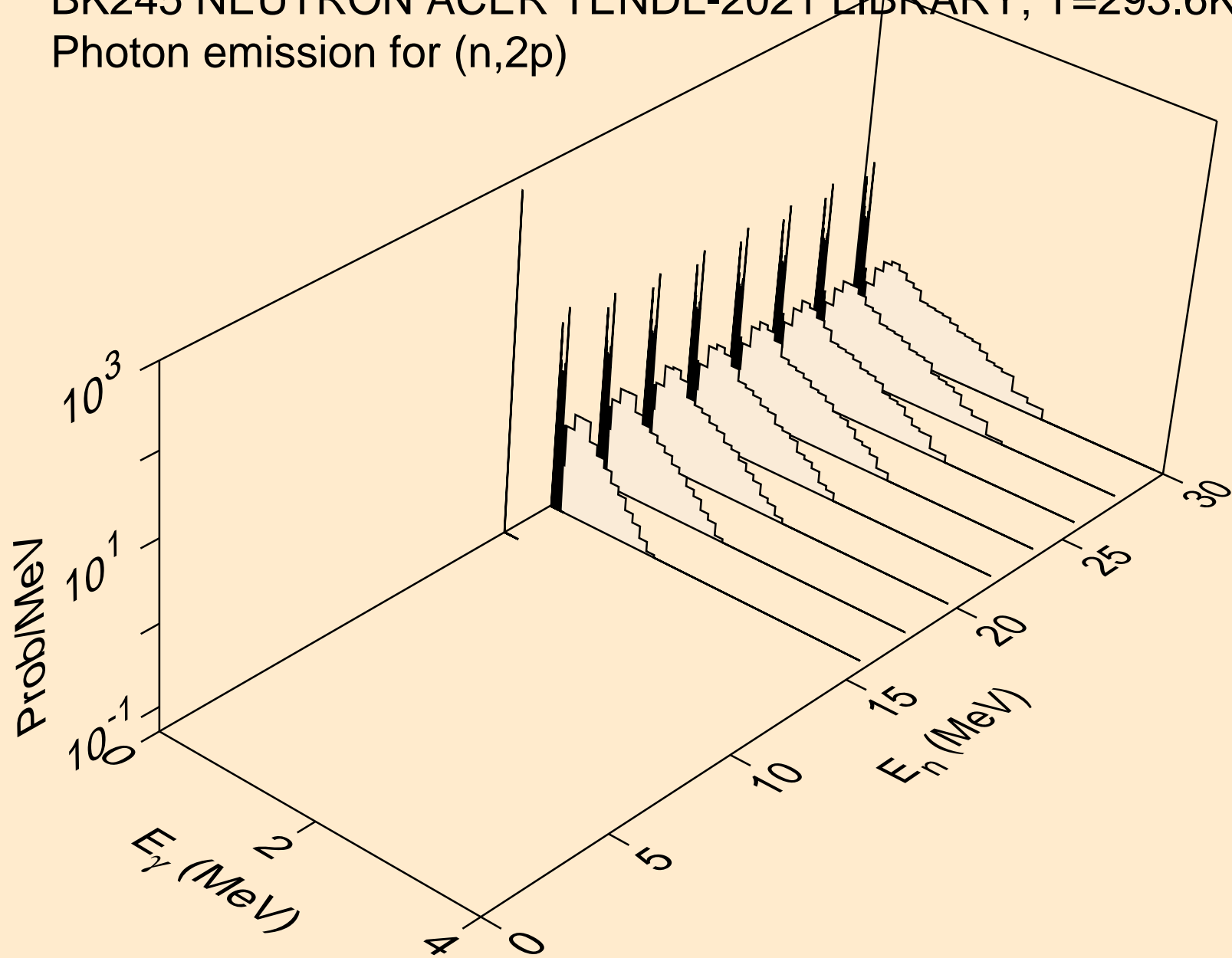
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)

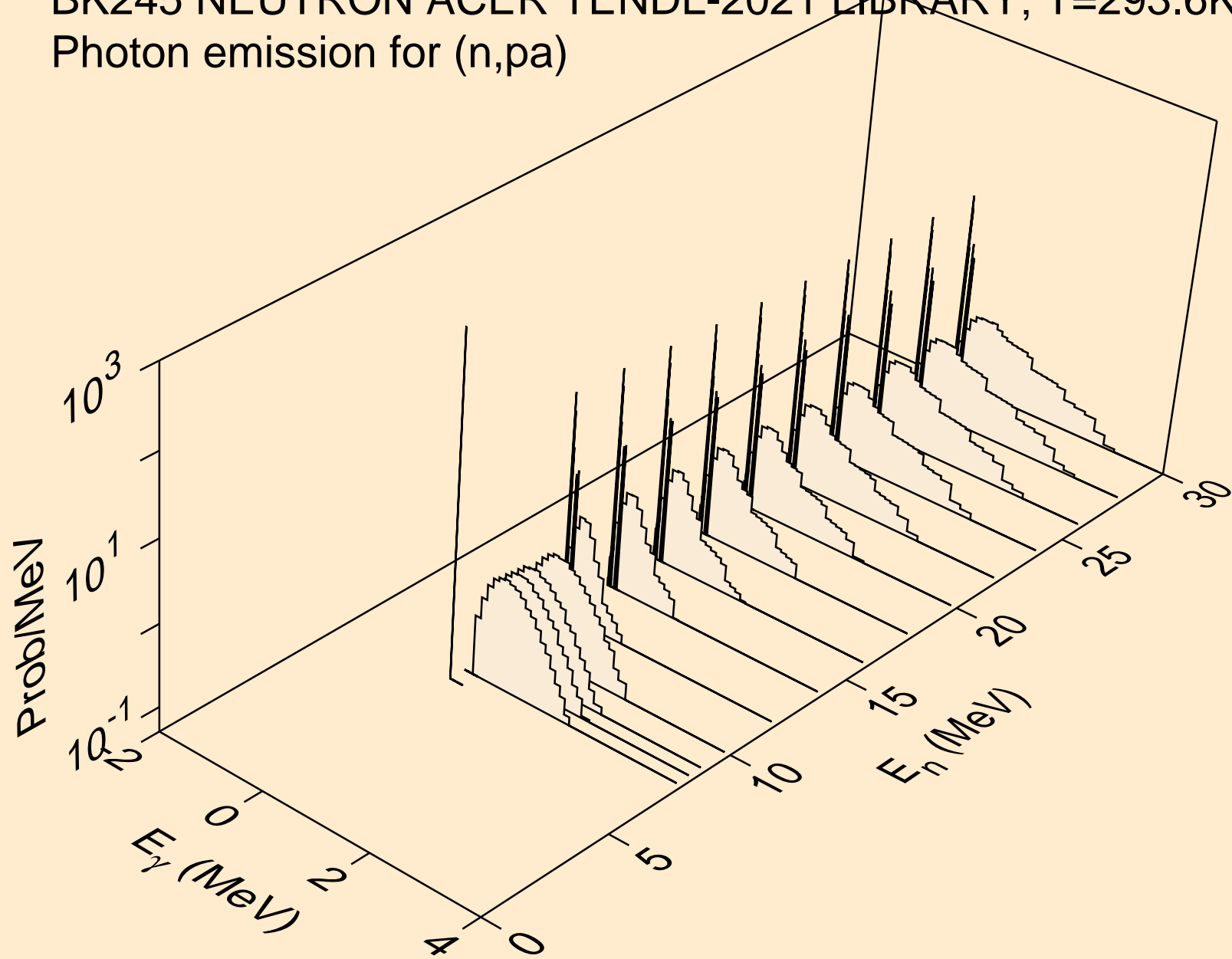


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

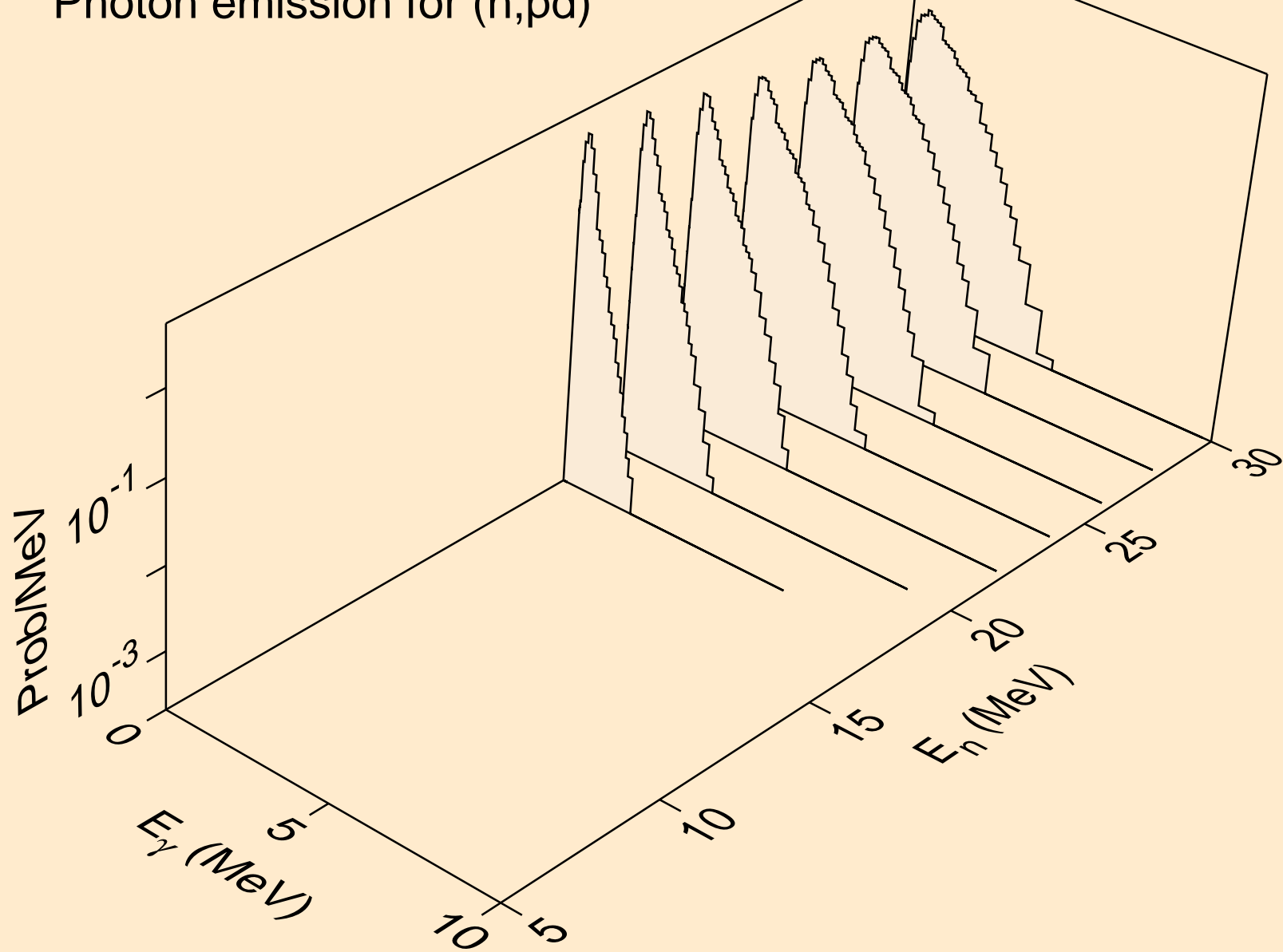




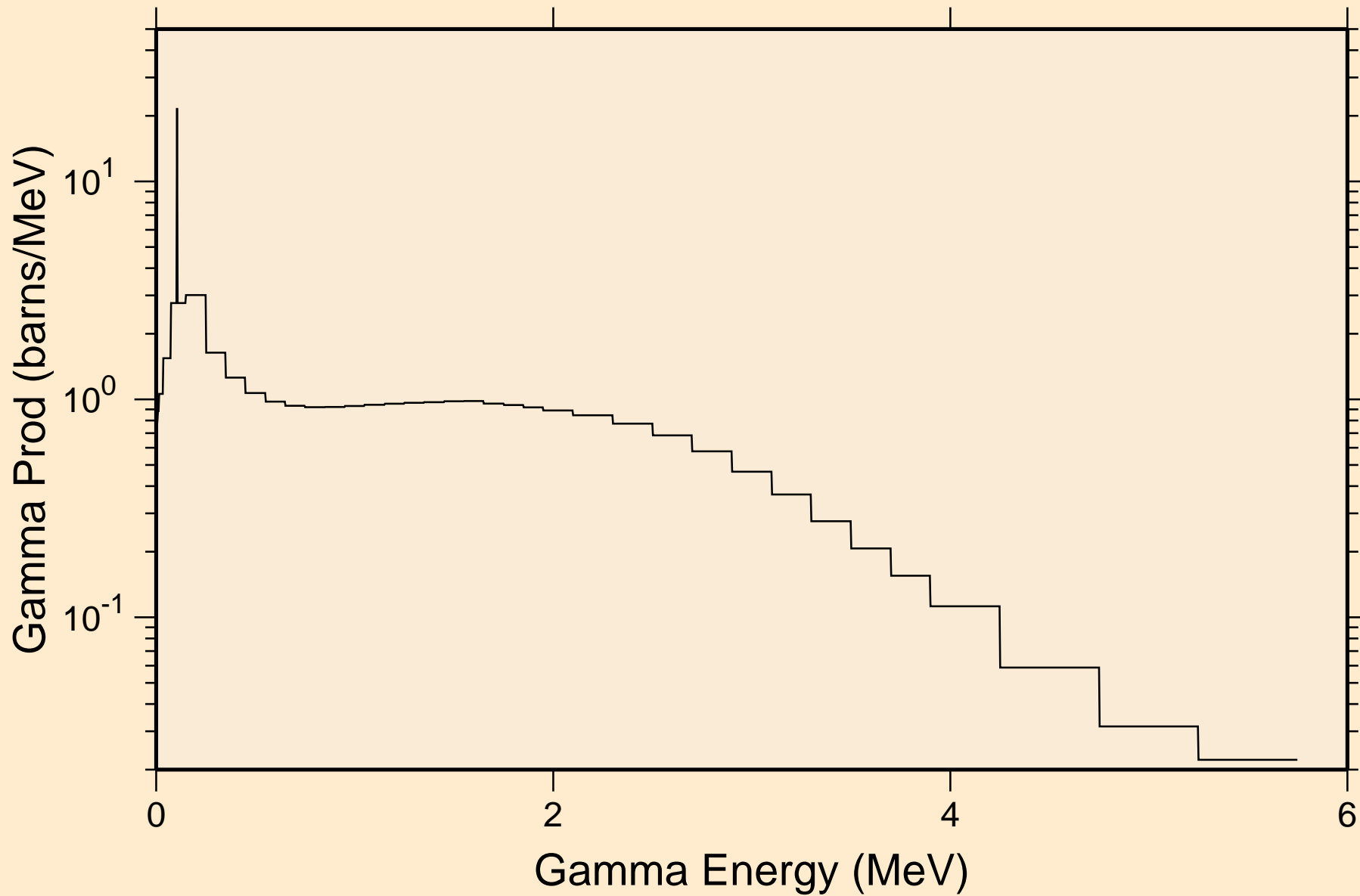
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Photon emission for (n,p)



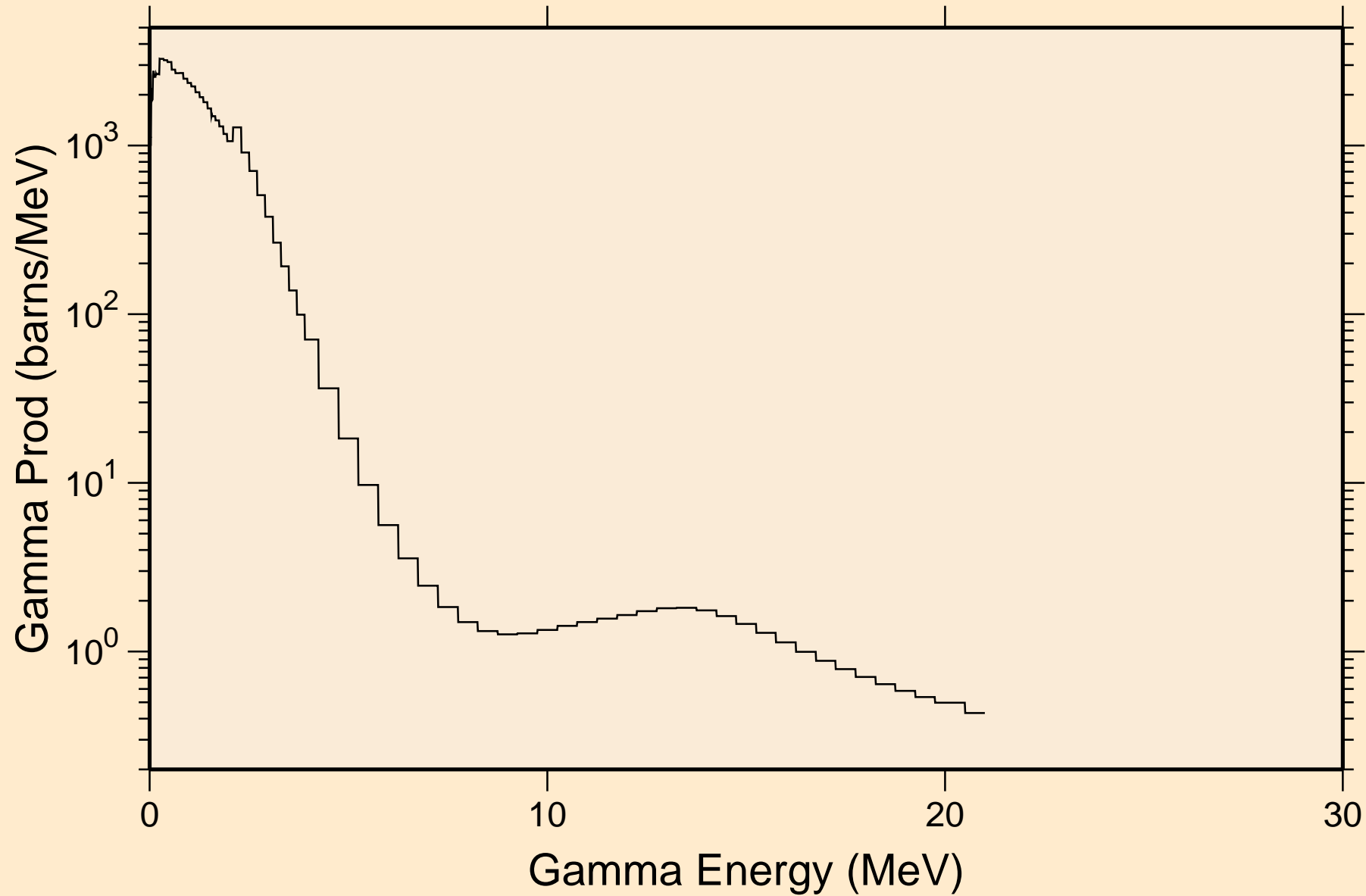
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

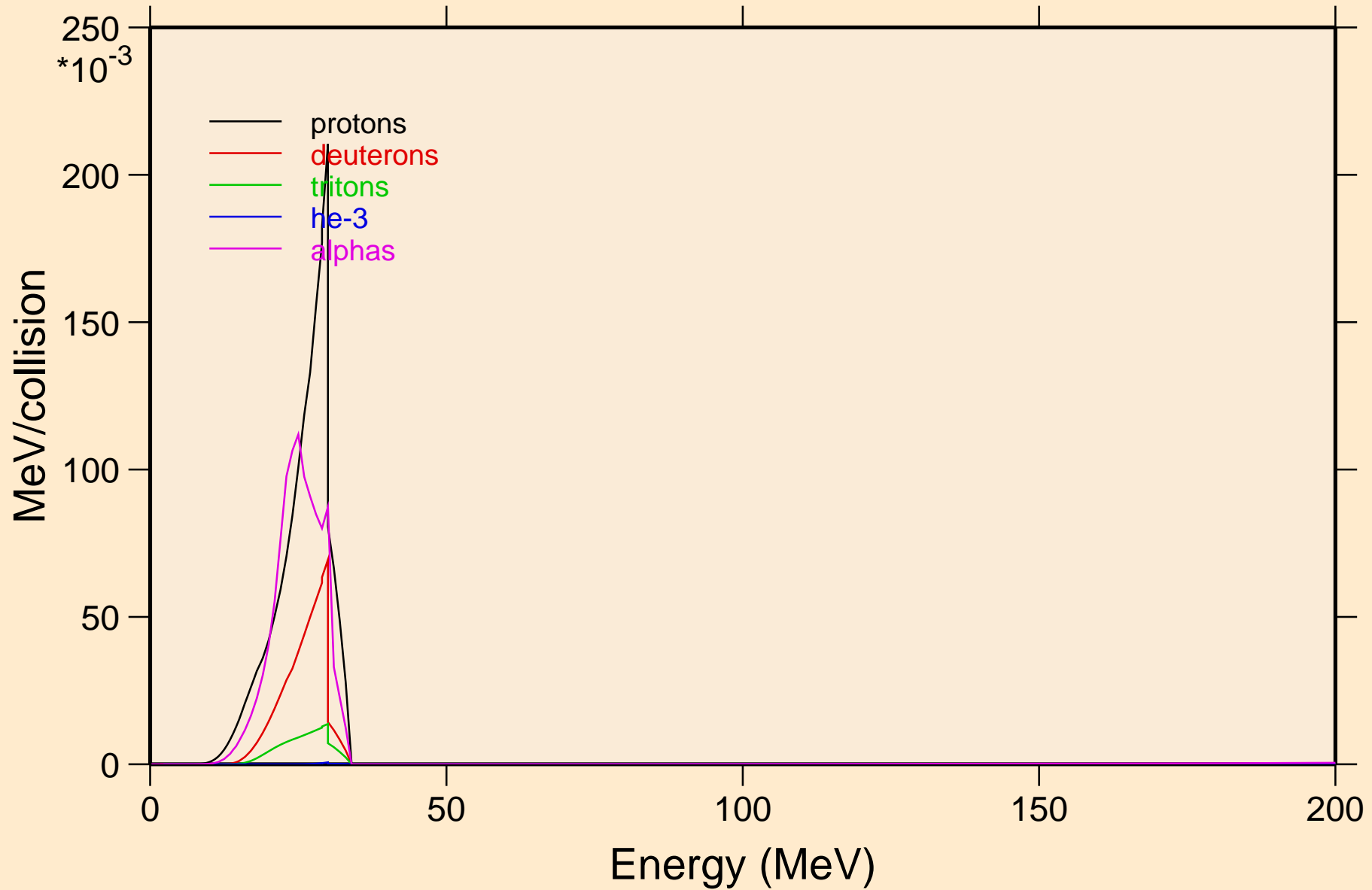


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

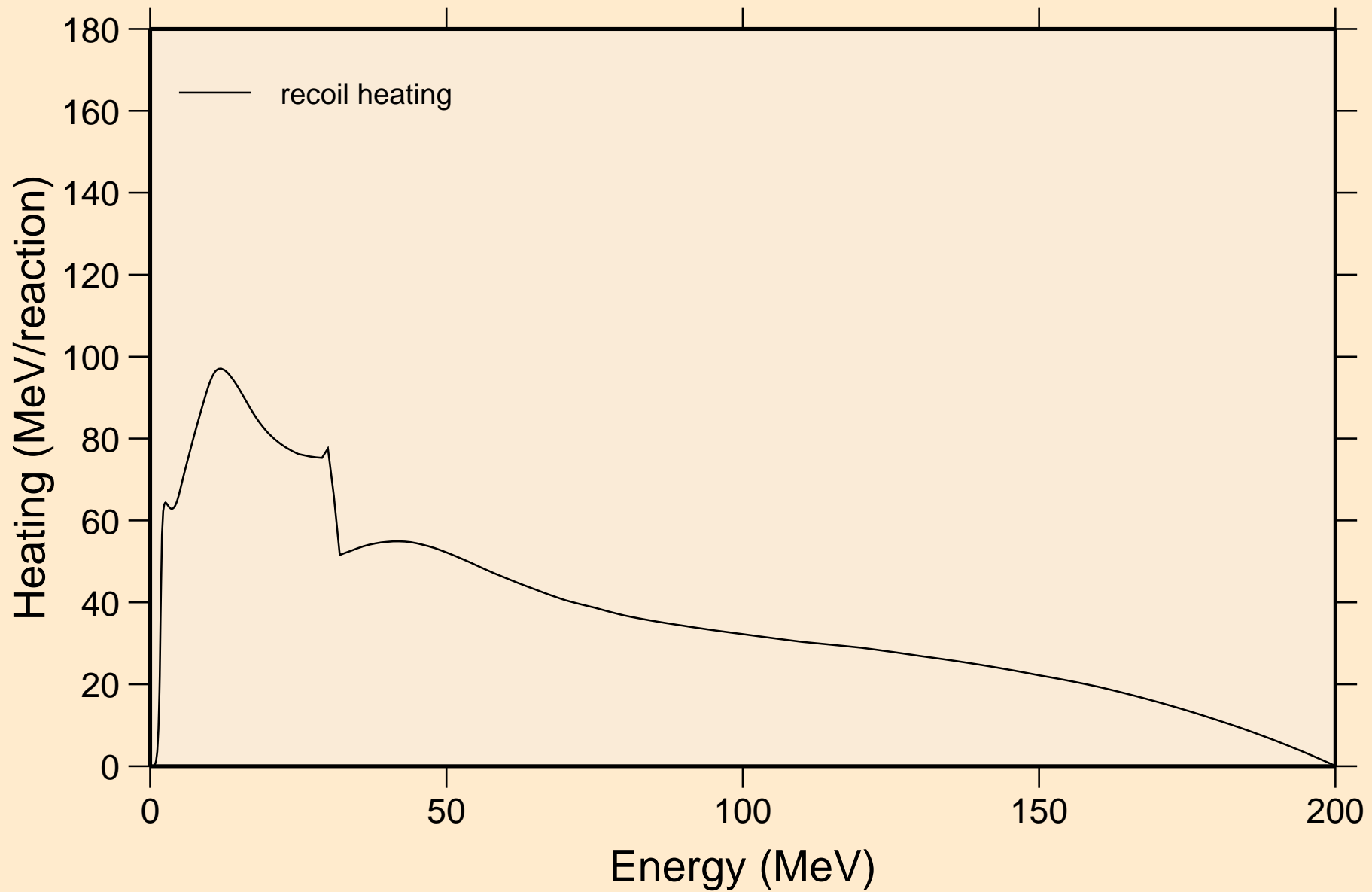


# BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

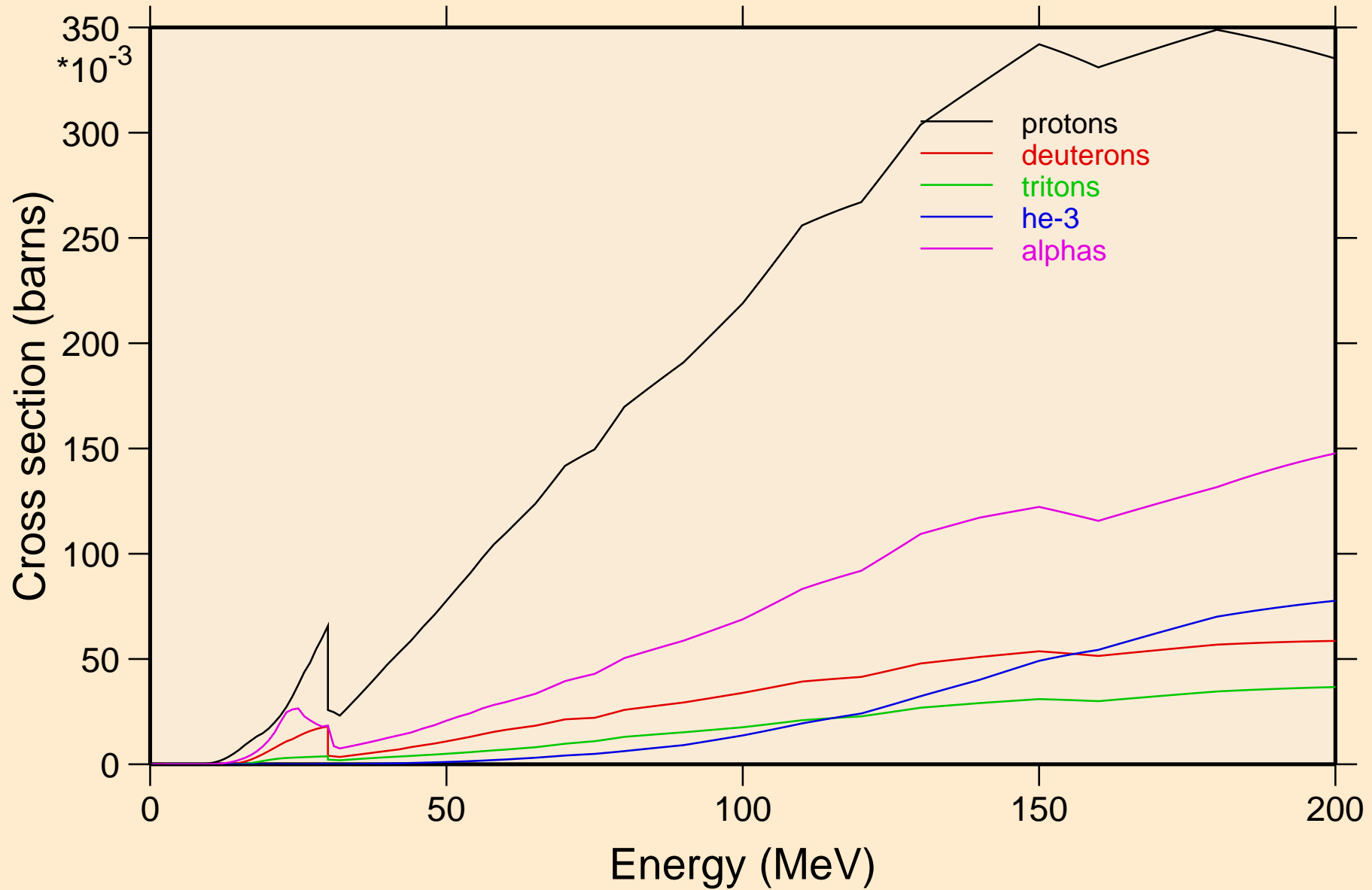
## Particle heating contributions



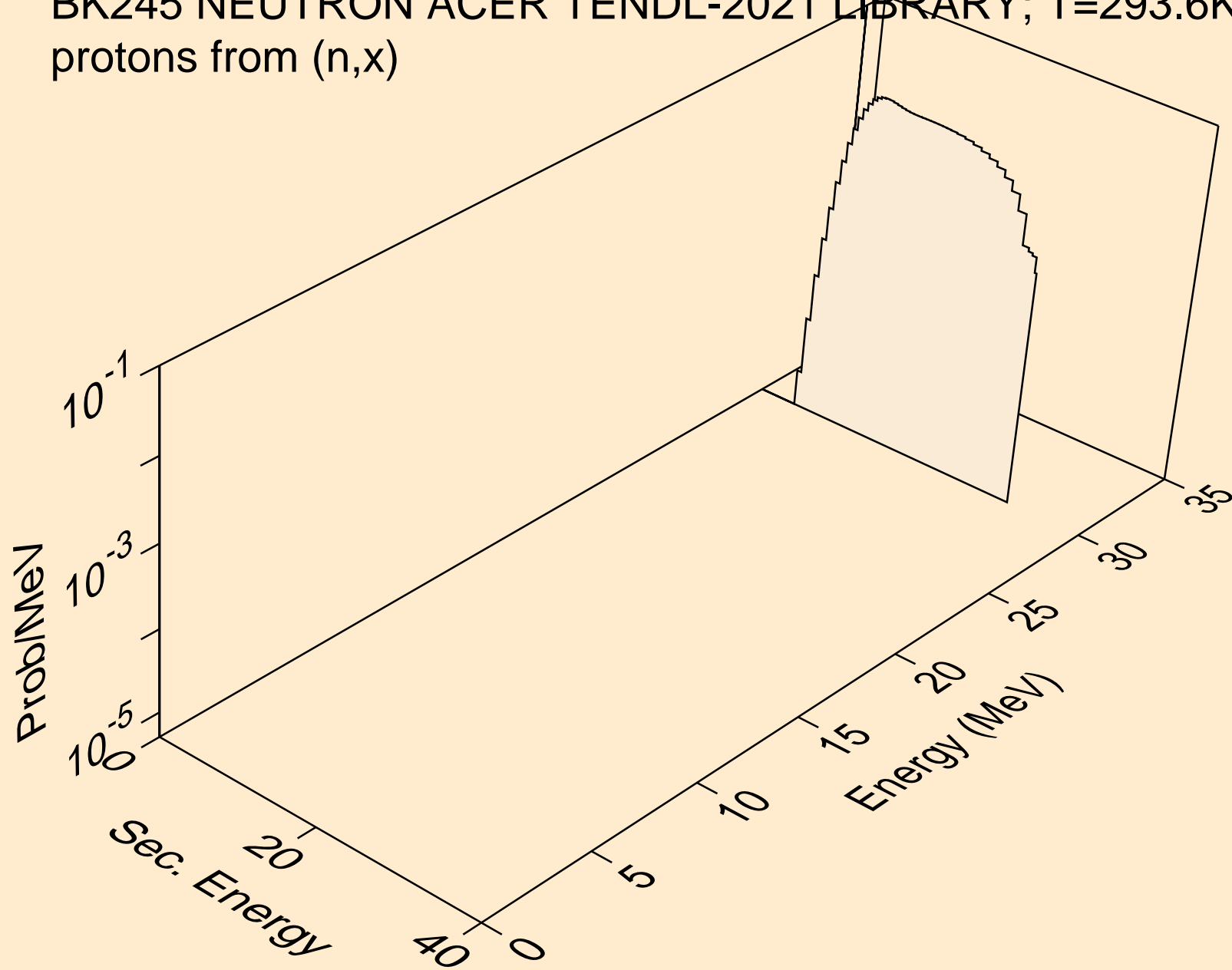
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

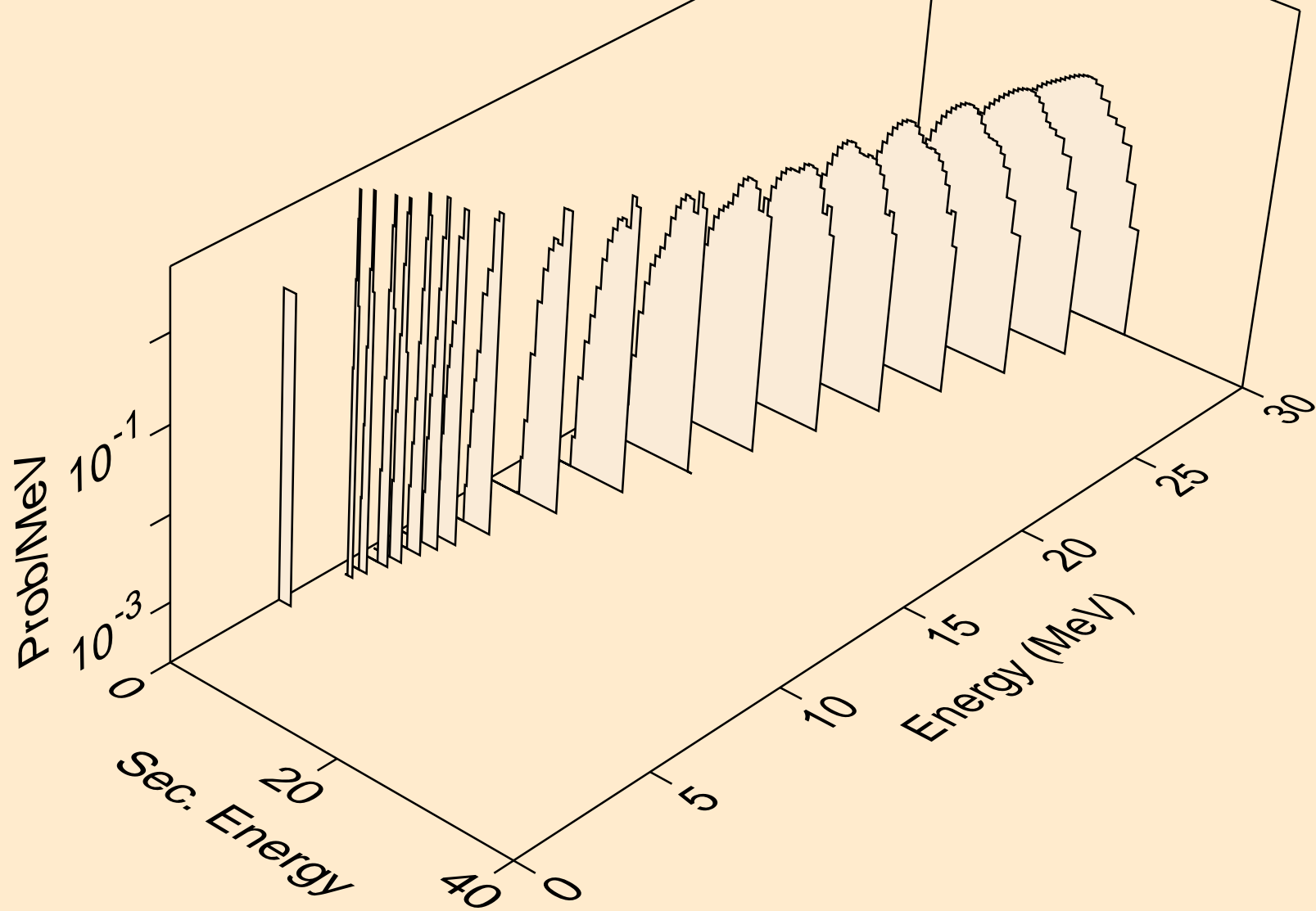


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

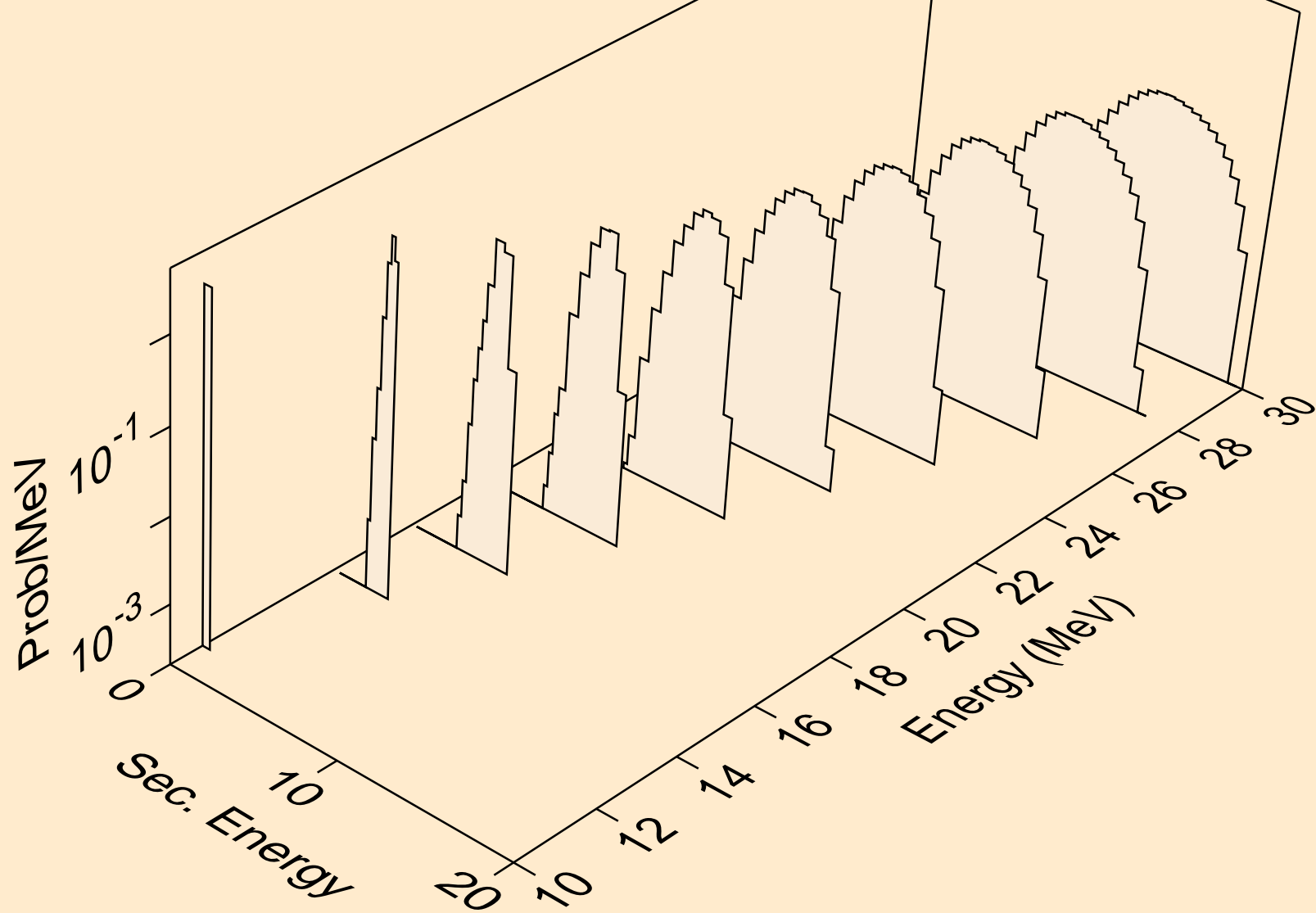




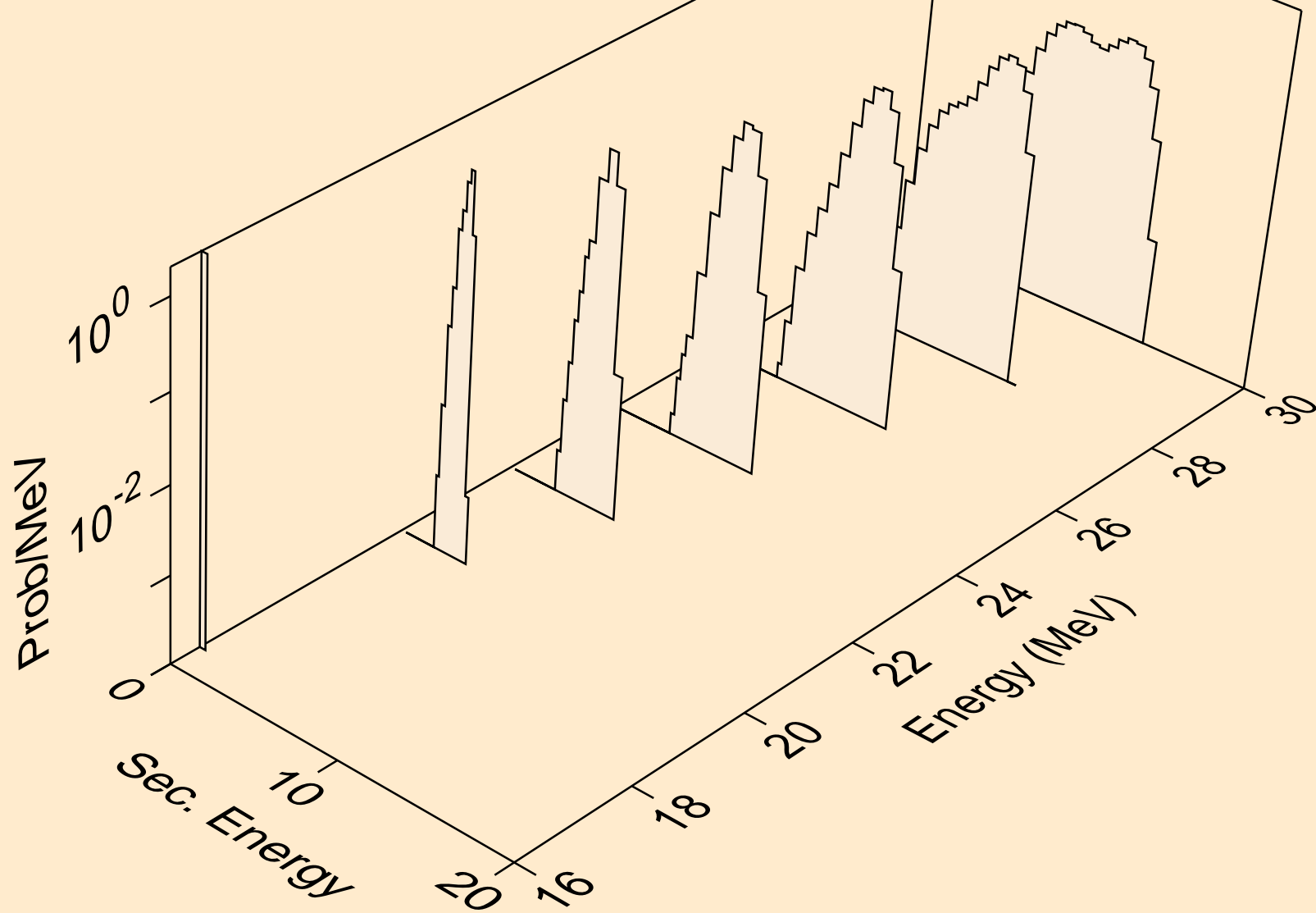
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



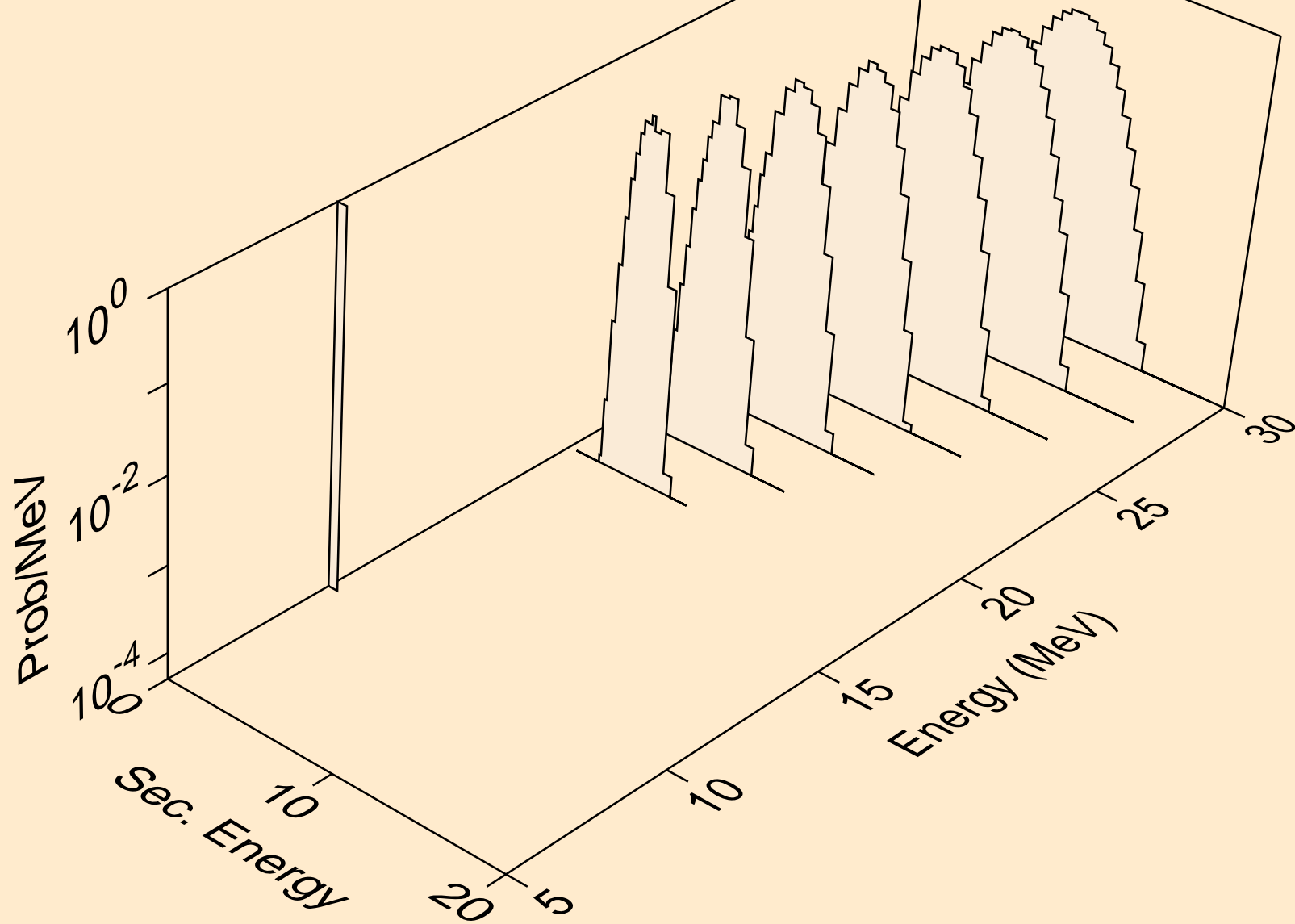
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protons from (n,2np)



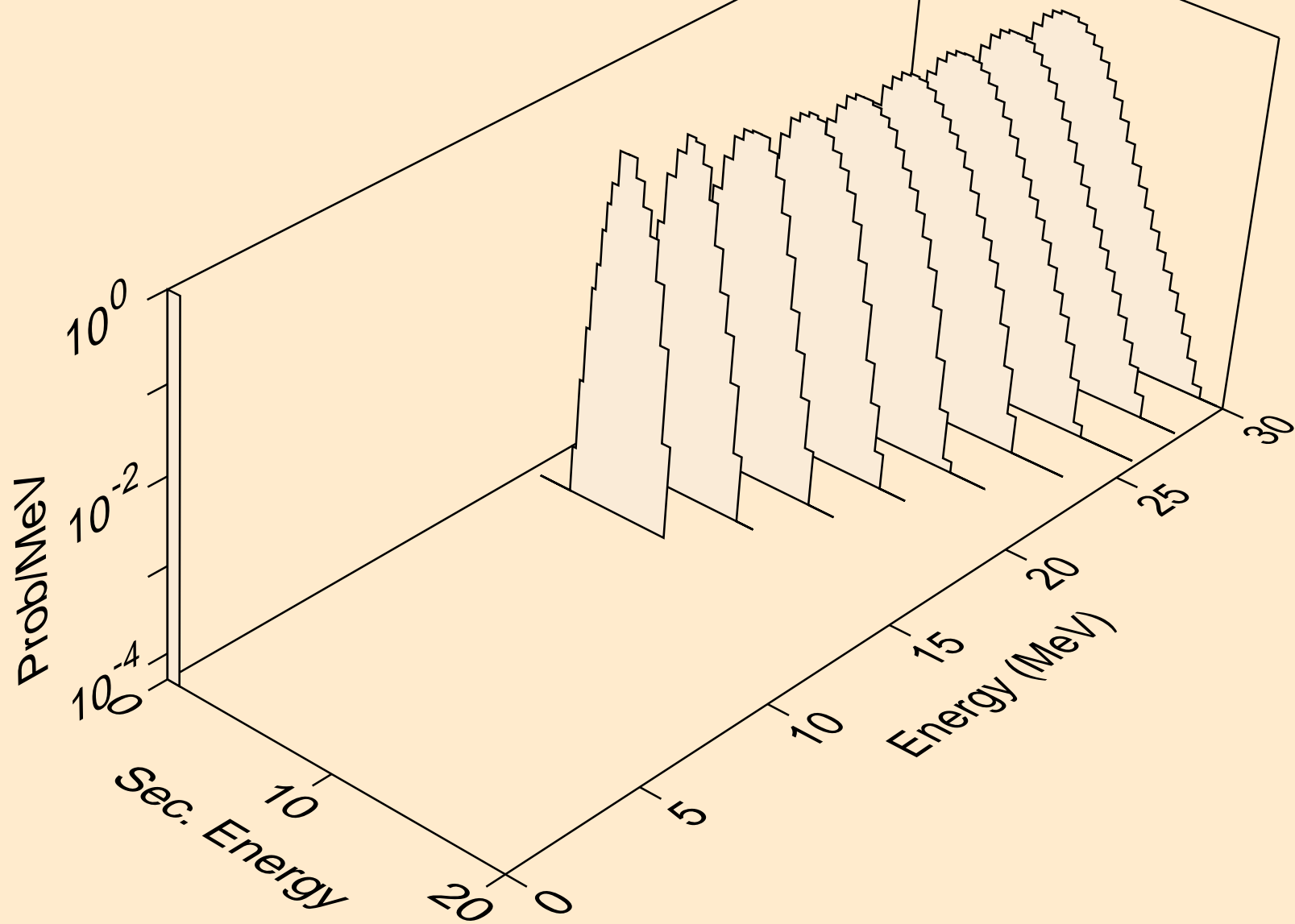
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protons from (n,3np)



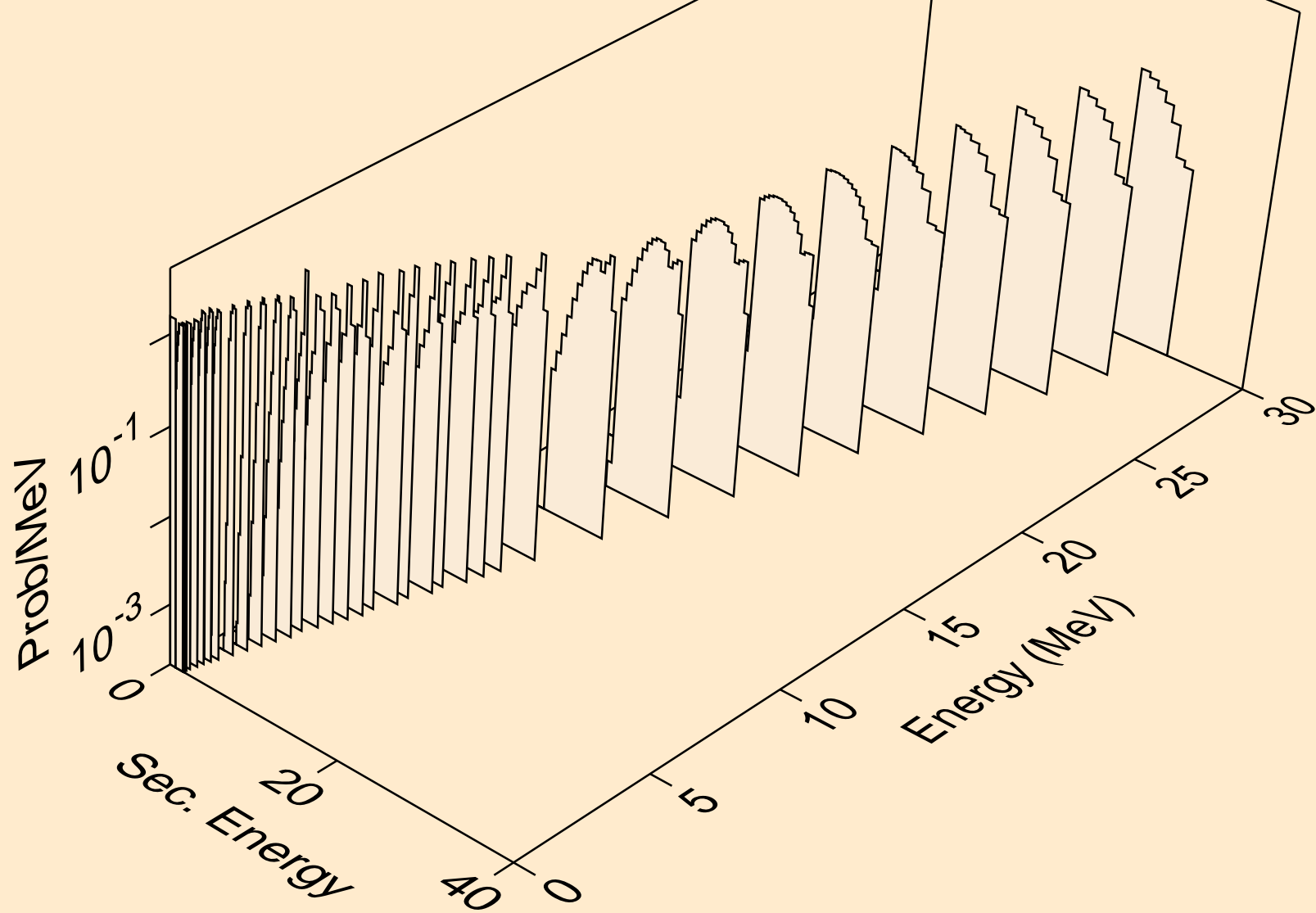
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protons from (n,2np)



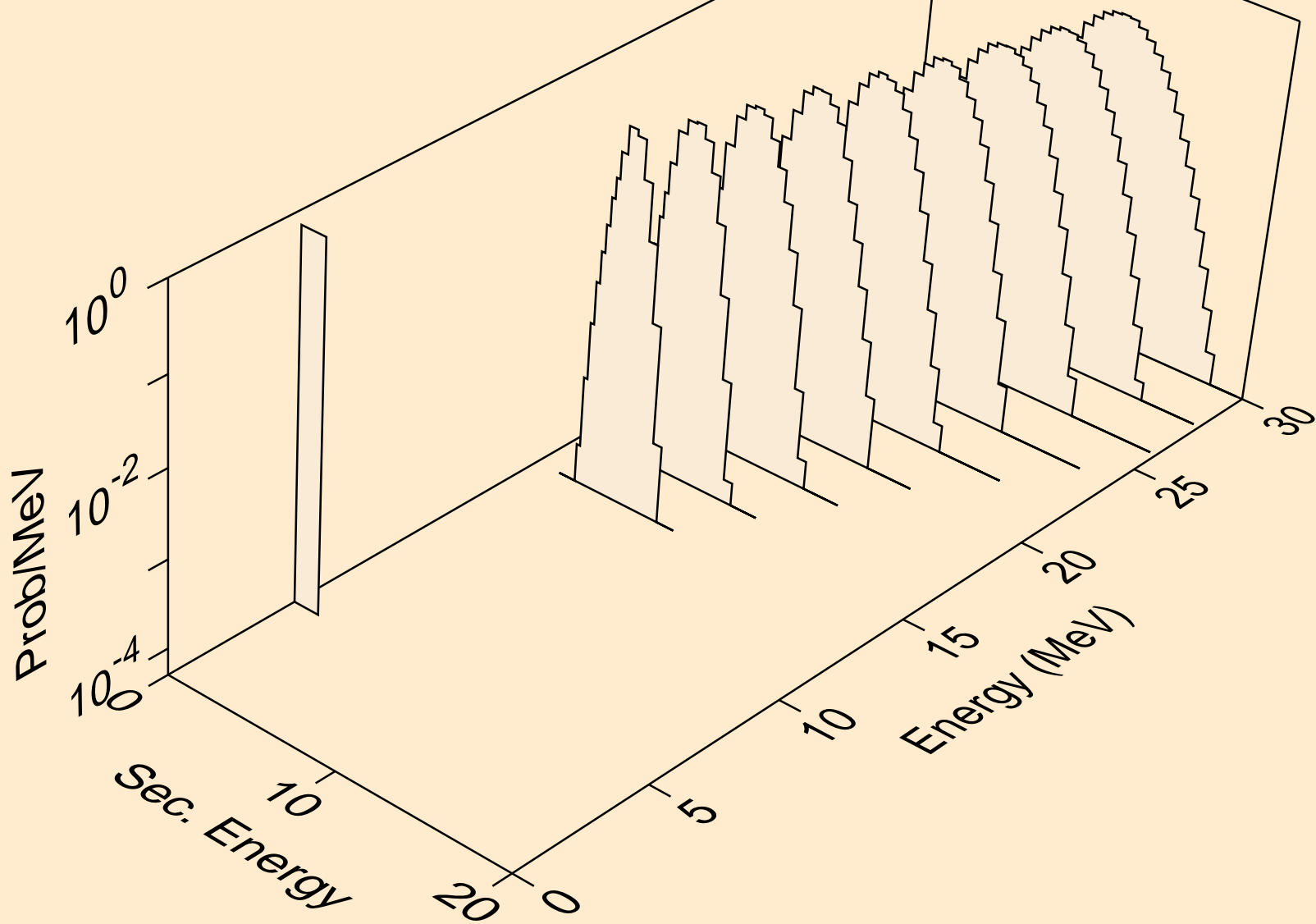
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



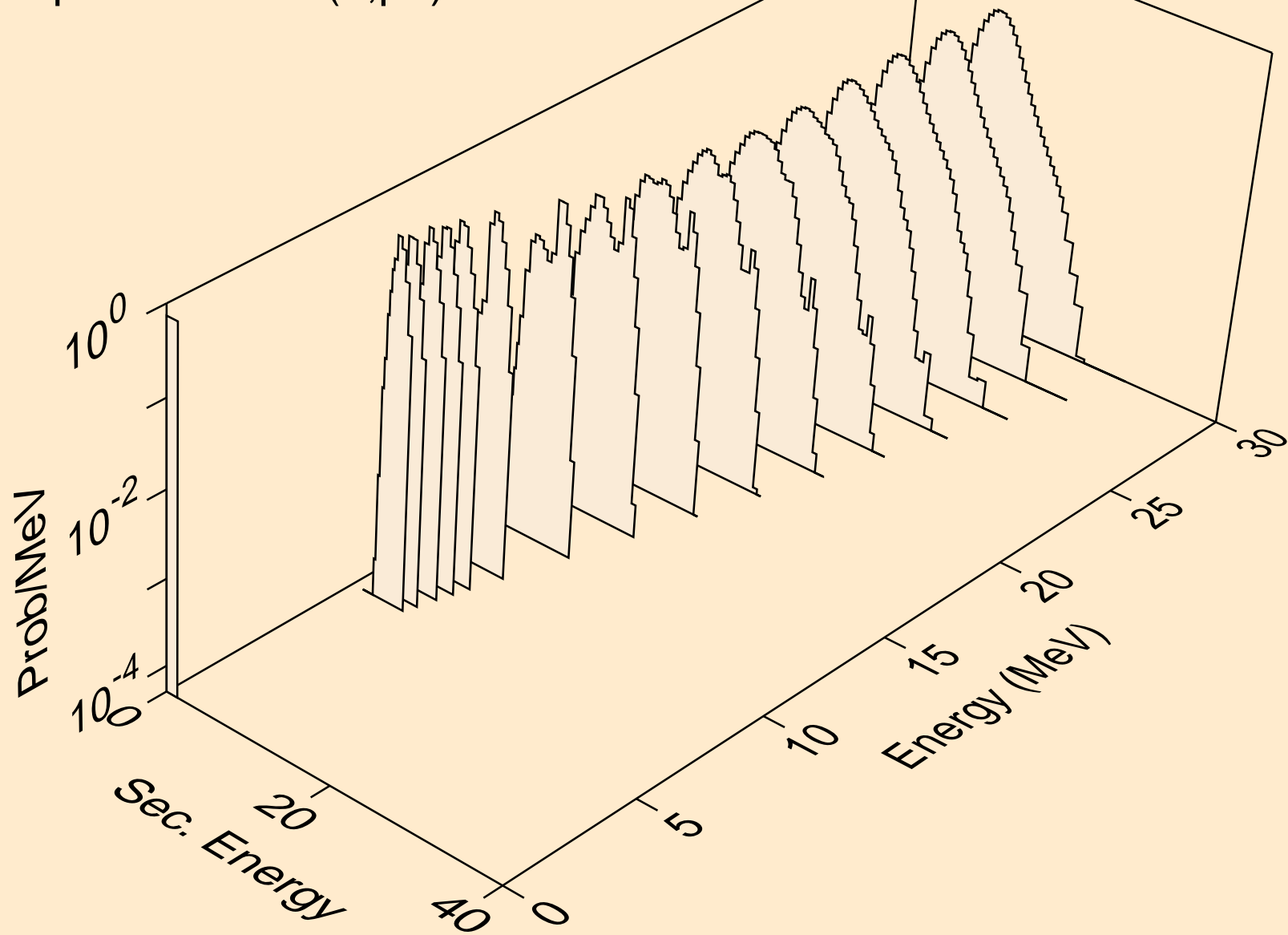
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

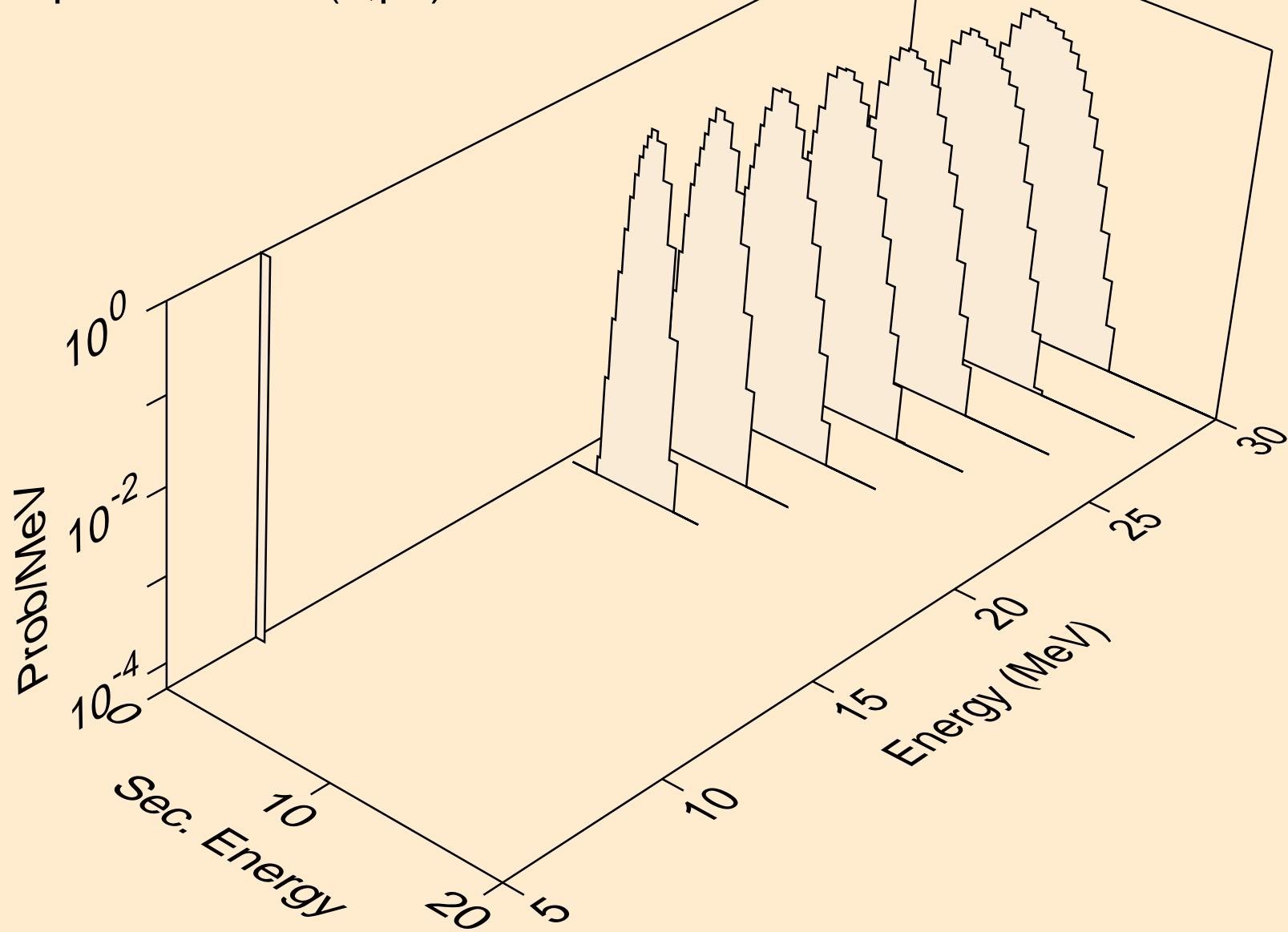


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protons from (n,p)

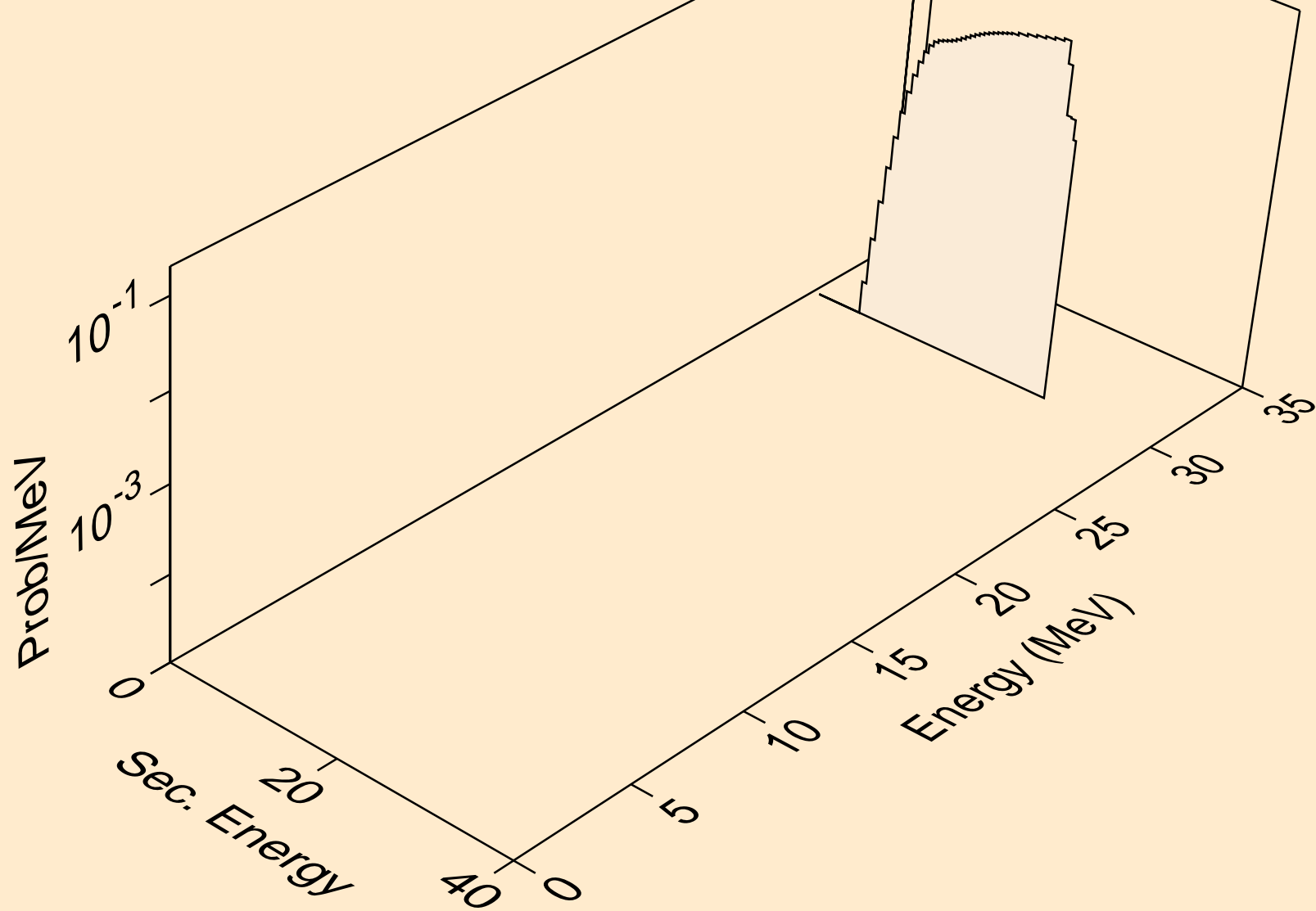




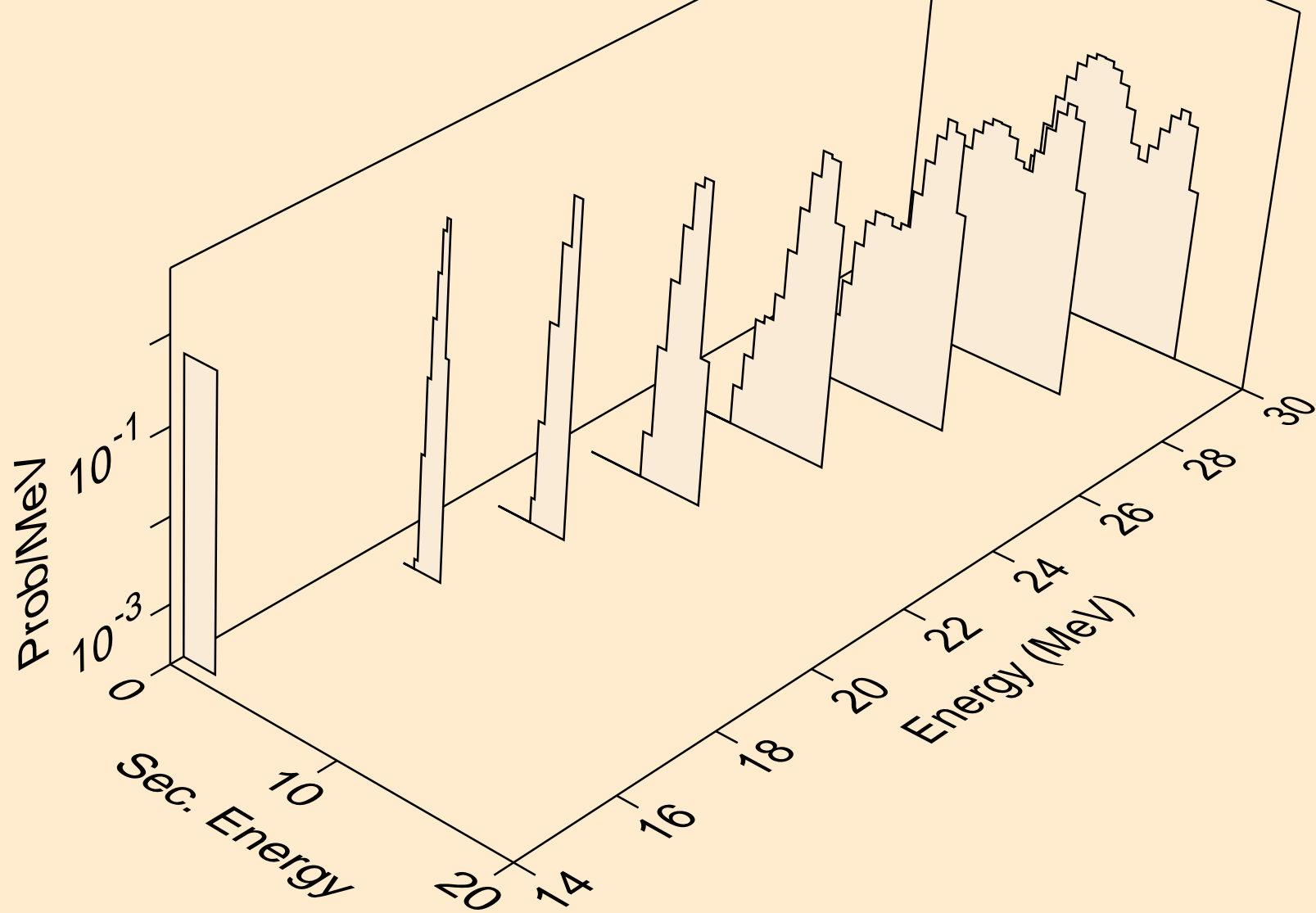
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



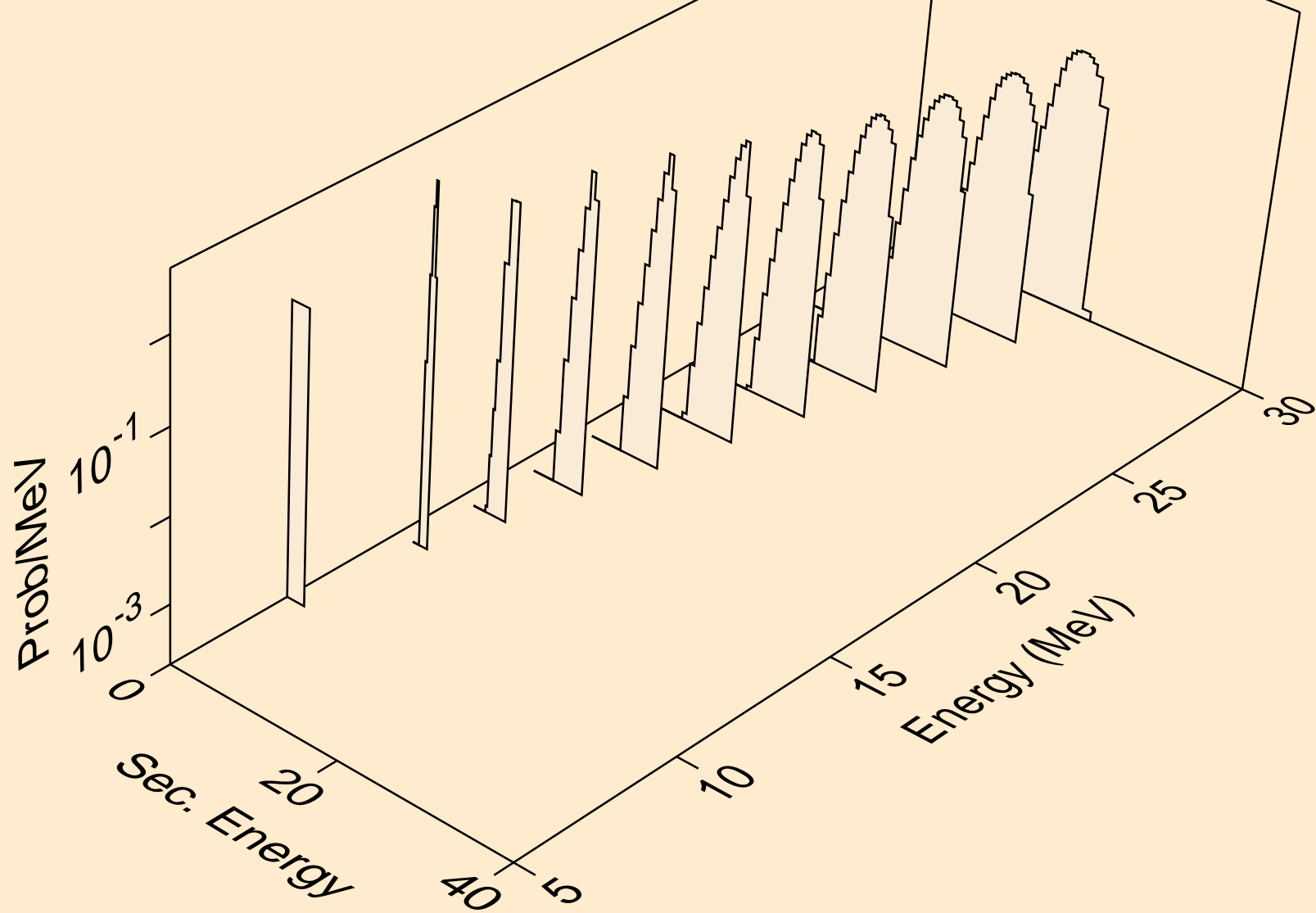
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



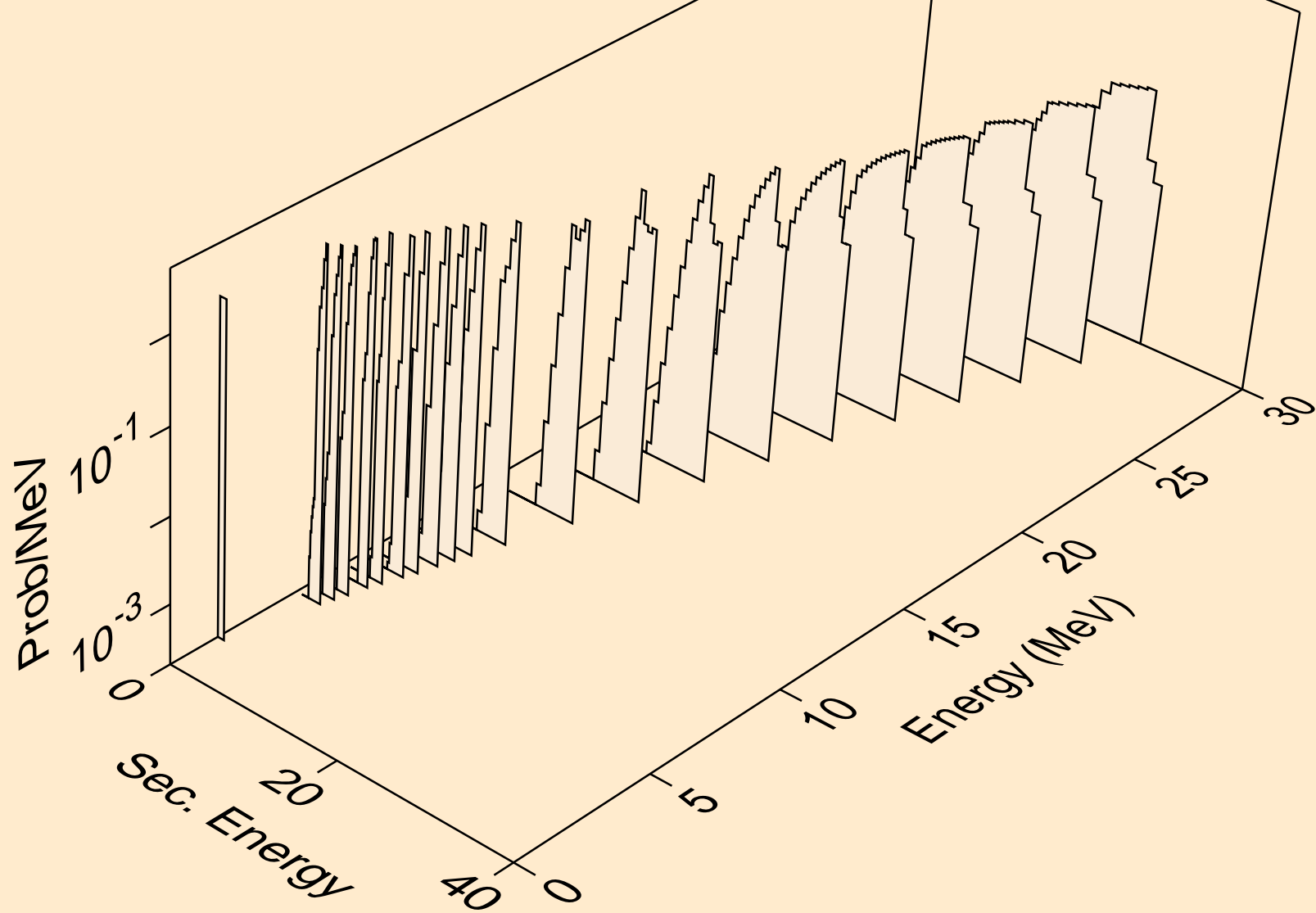
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deuterons from (n,2nd)



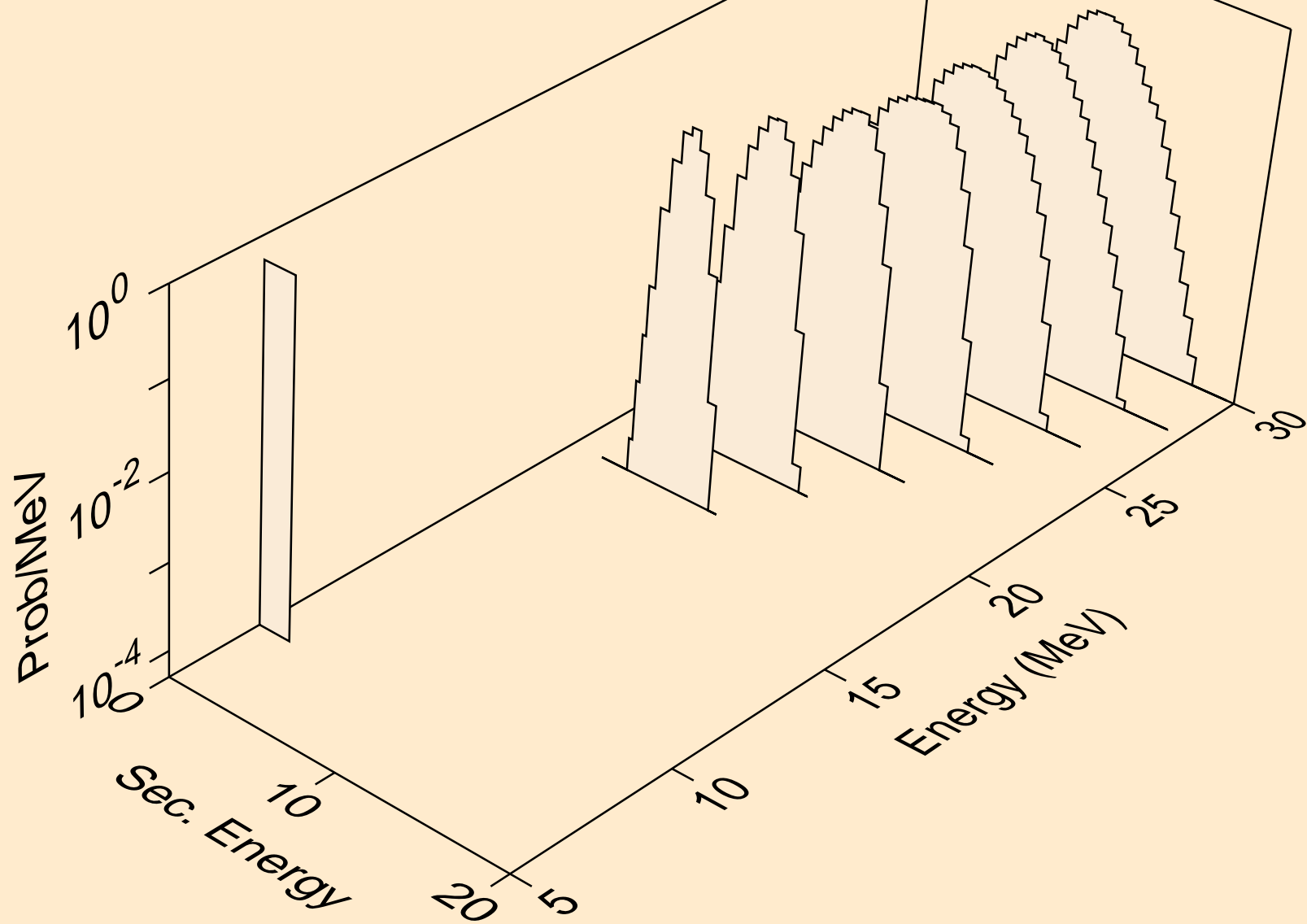
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



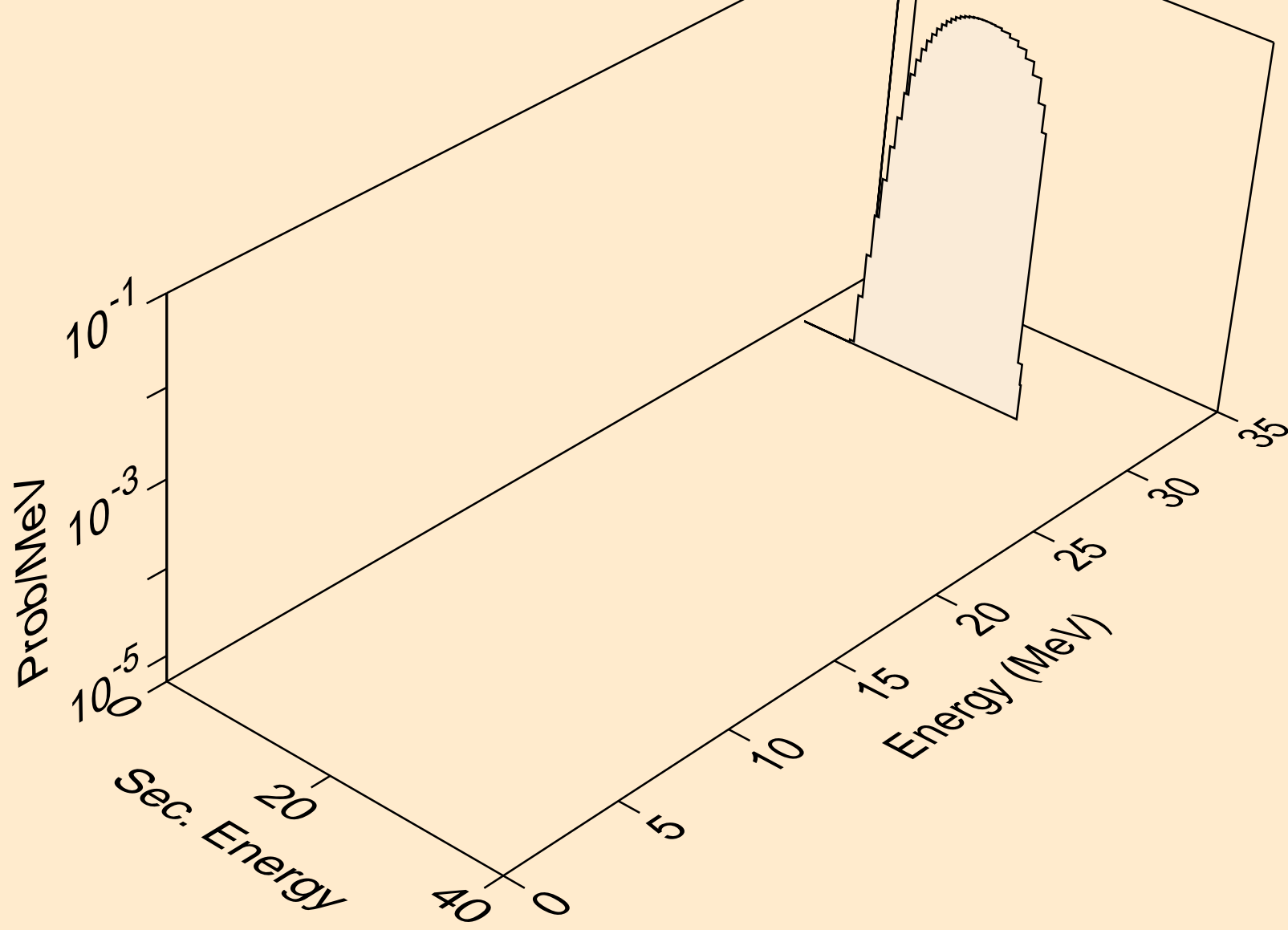
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



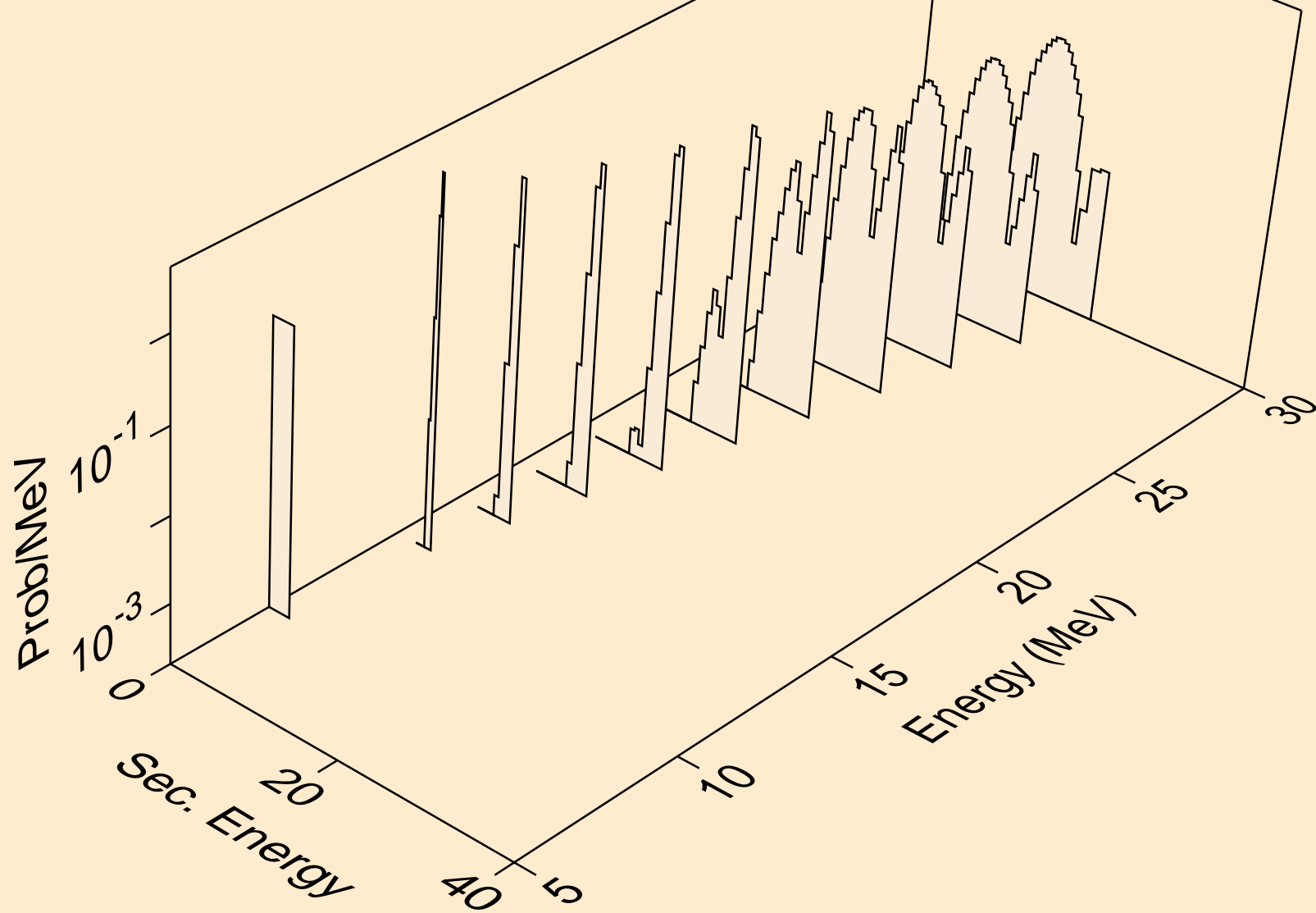
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

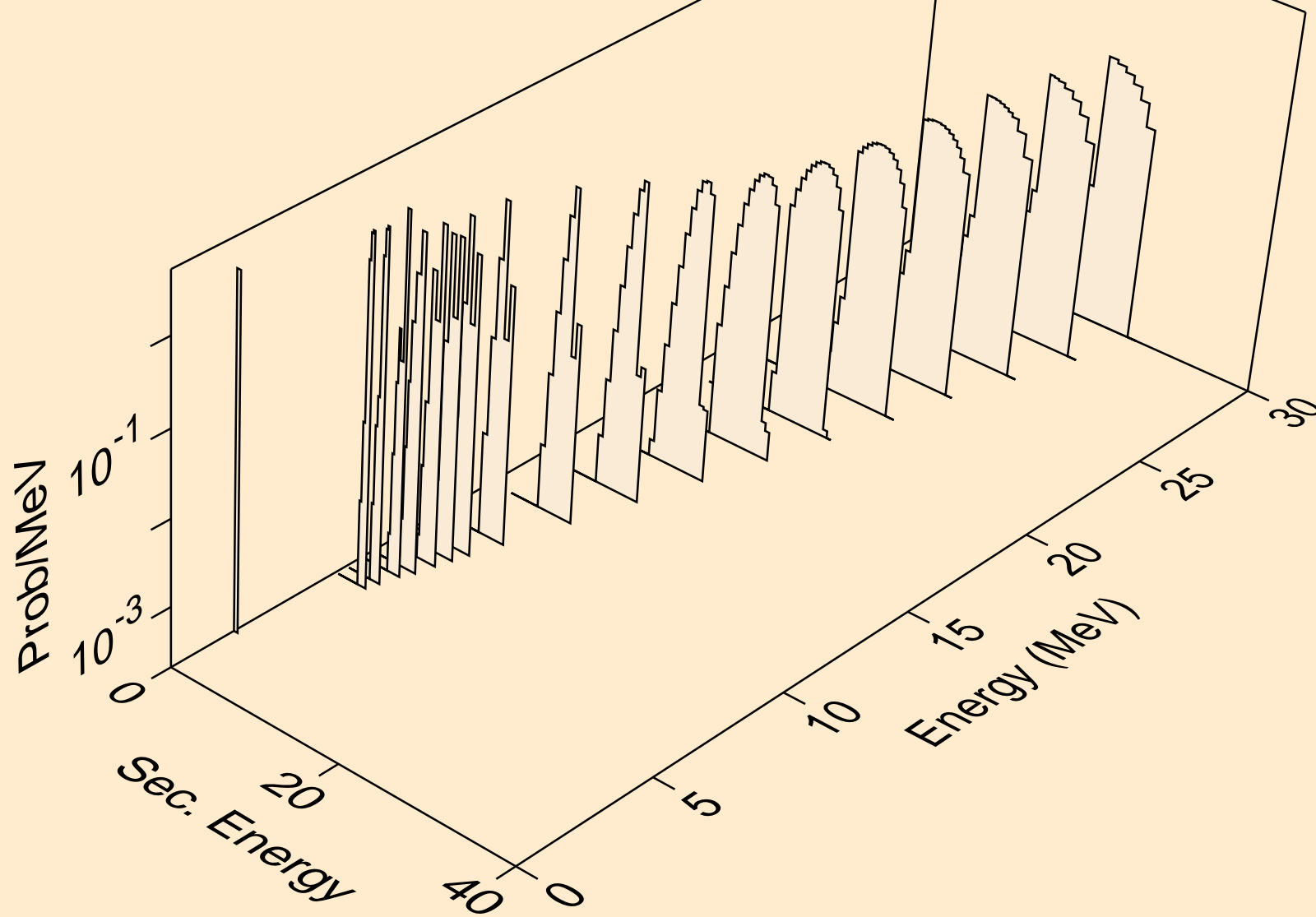


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

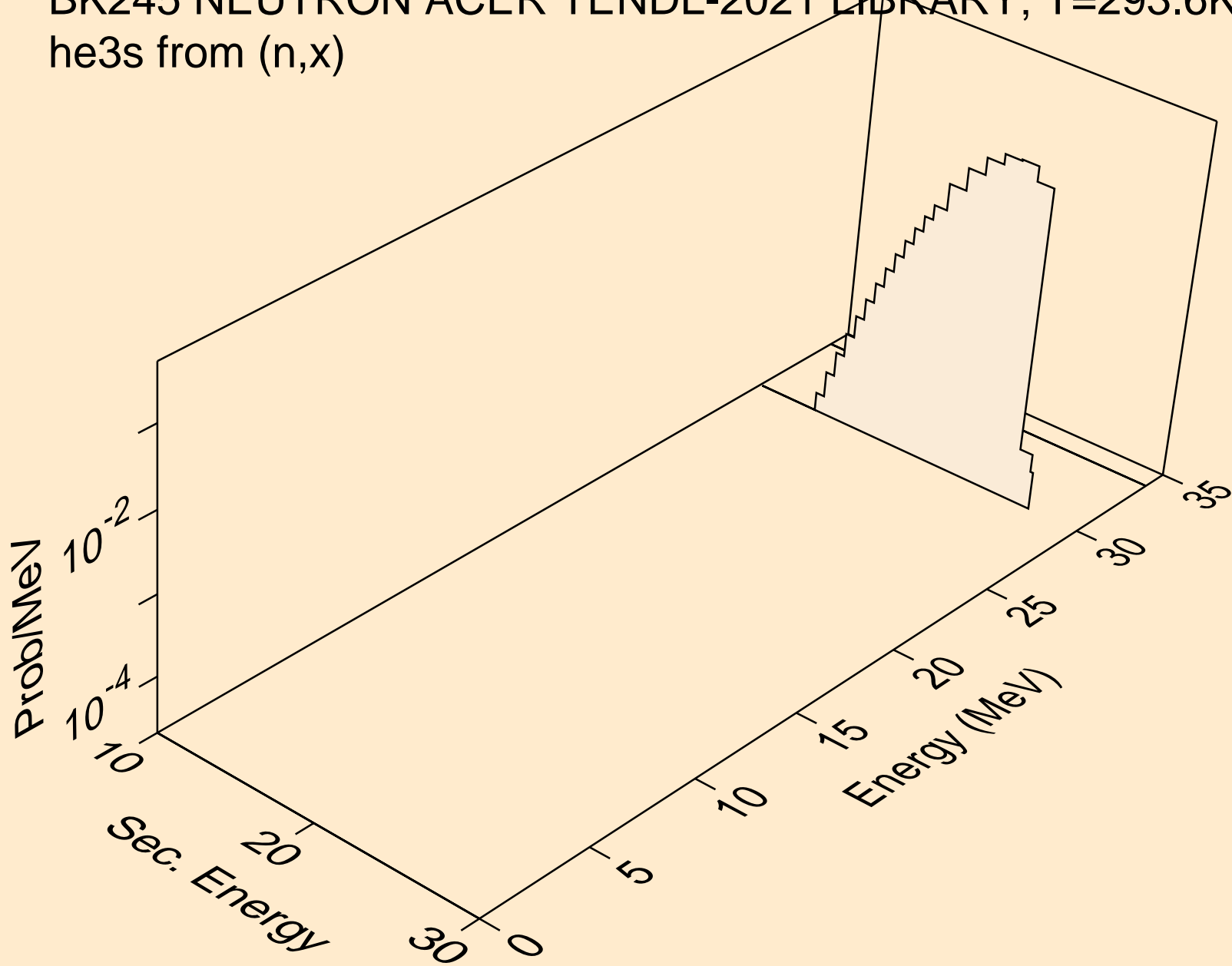




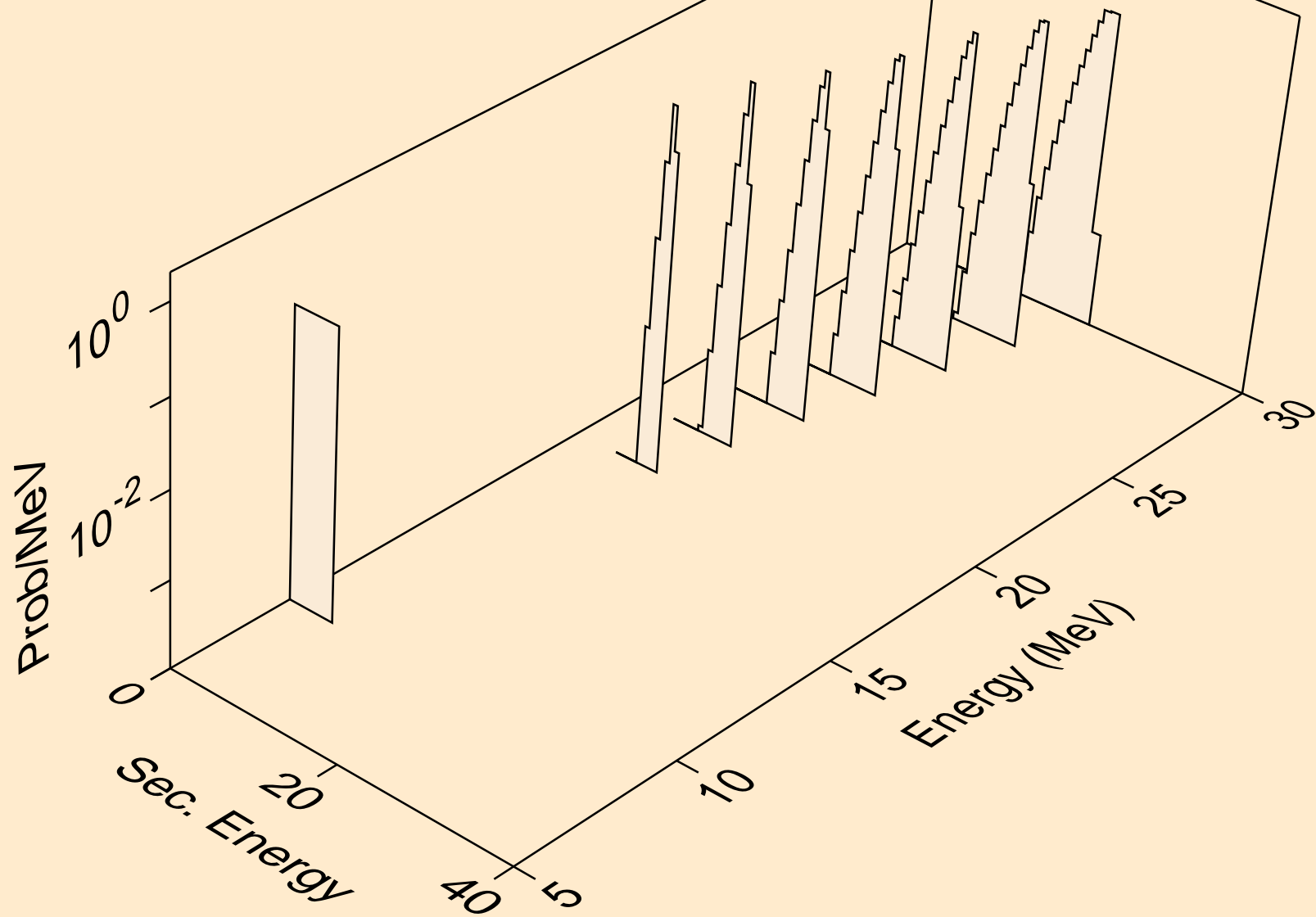
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



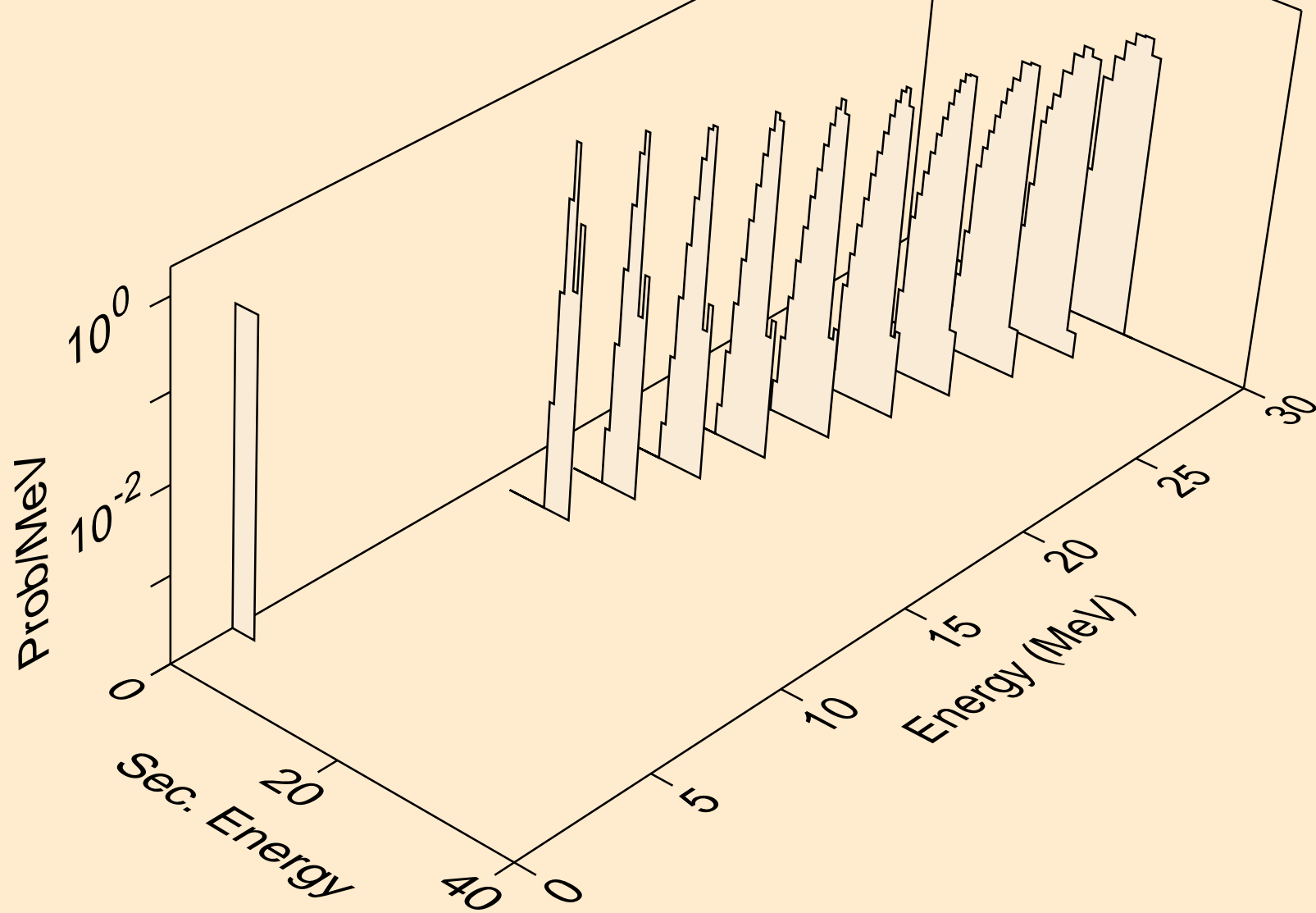
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



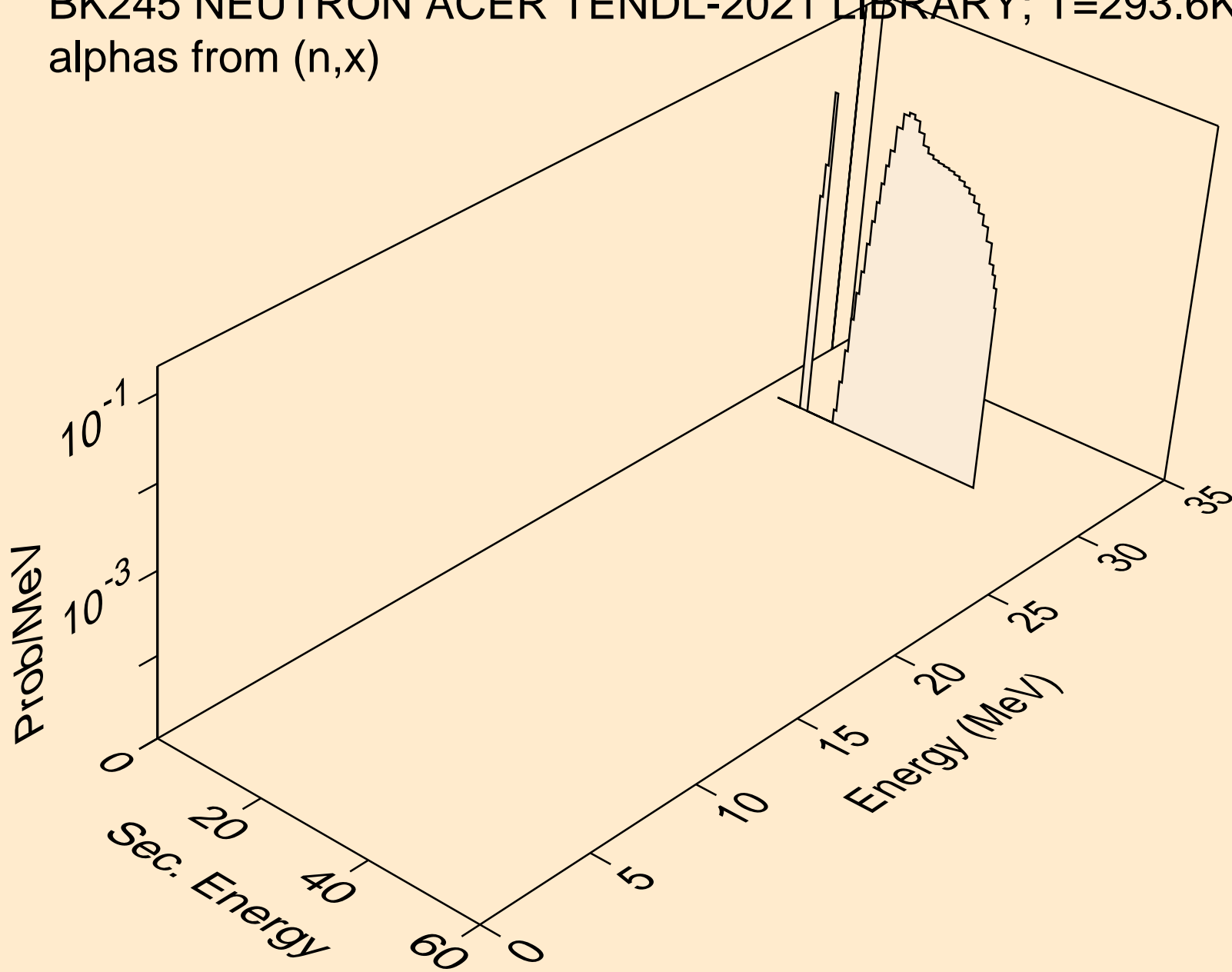
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



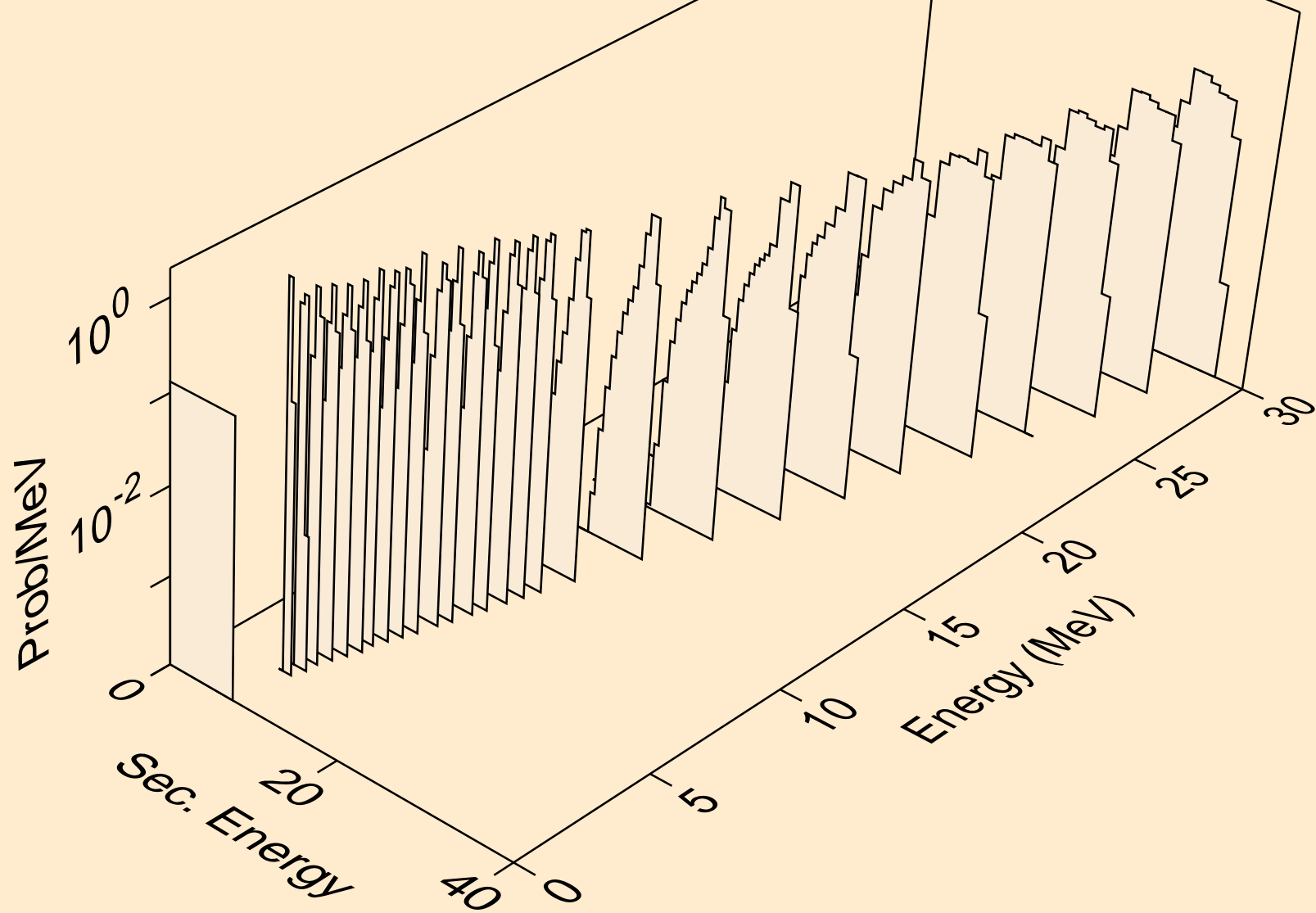
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



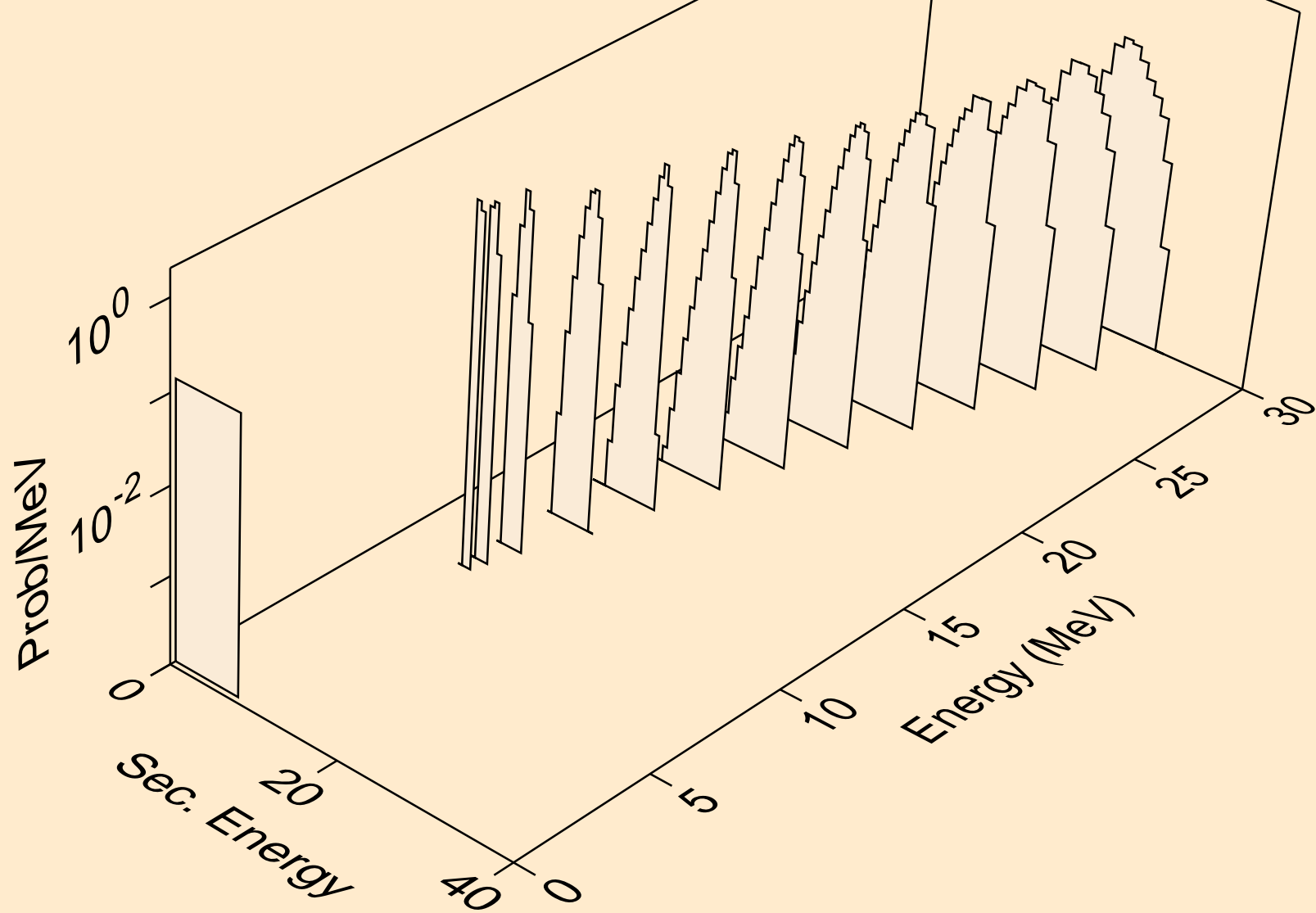
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alphas from (n,x)



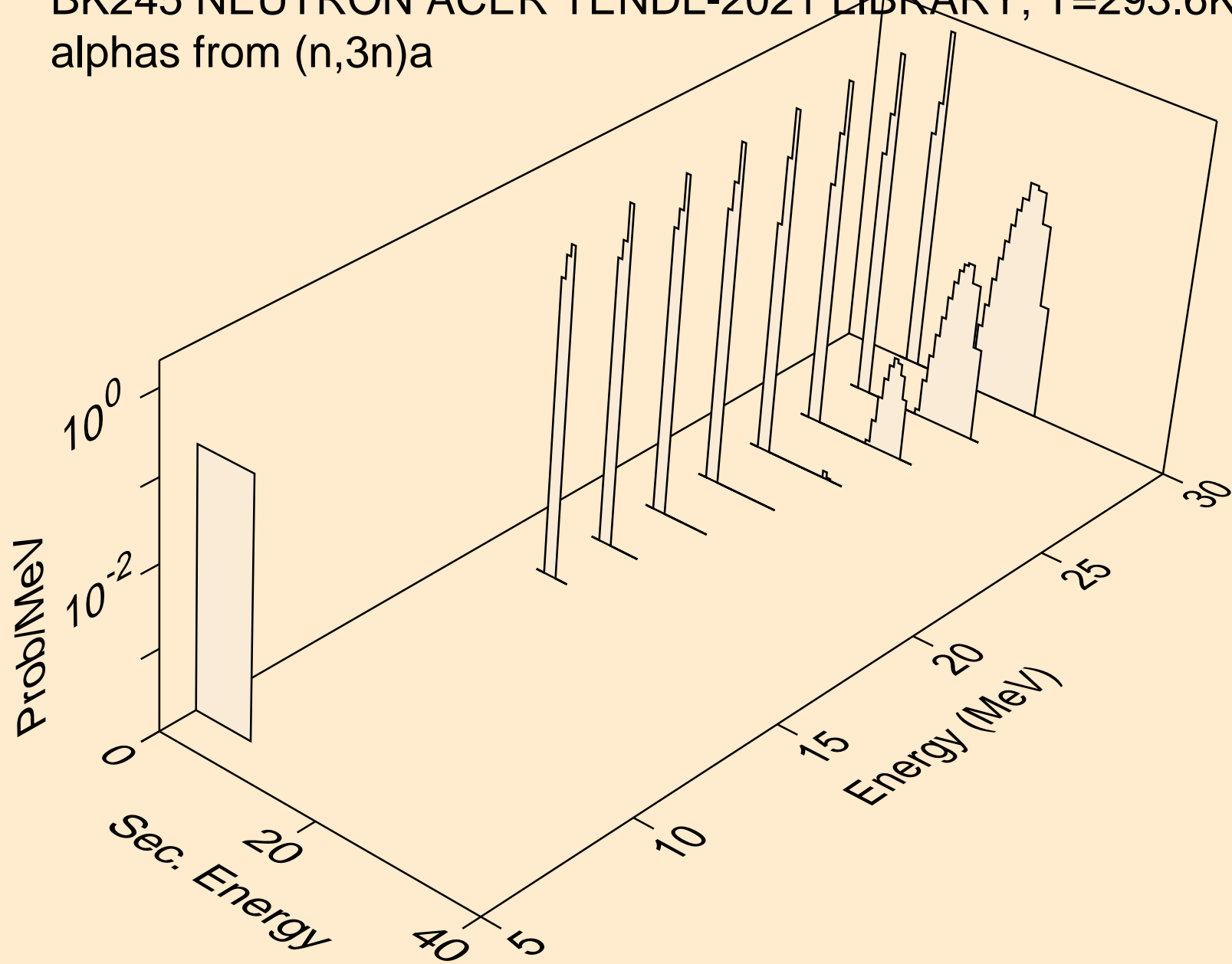
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

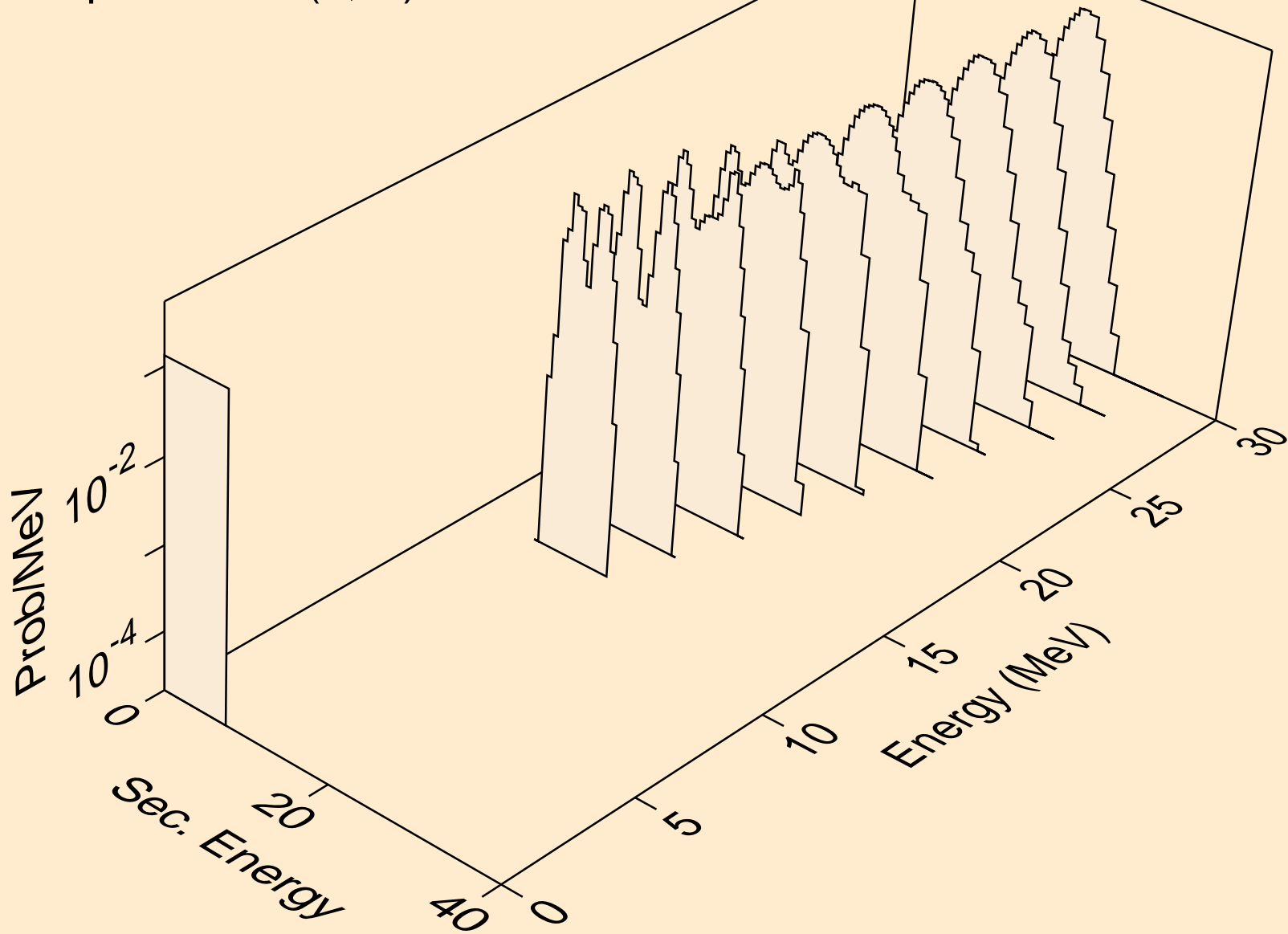


BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

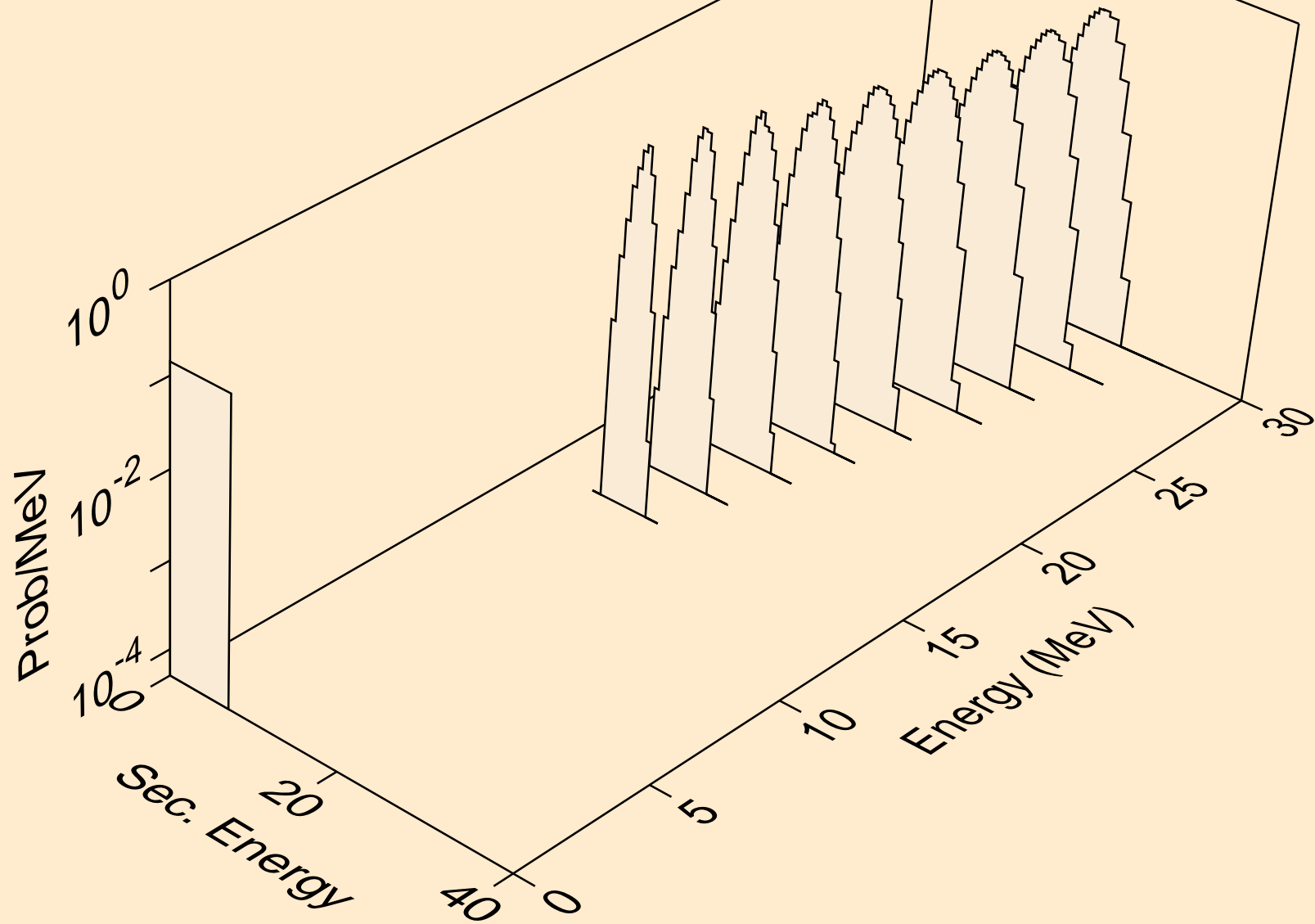




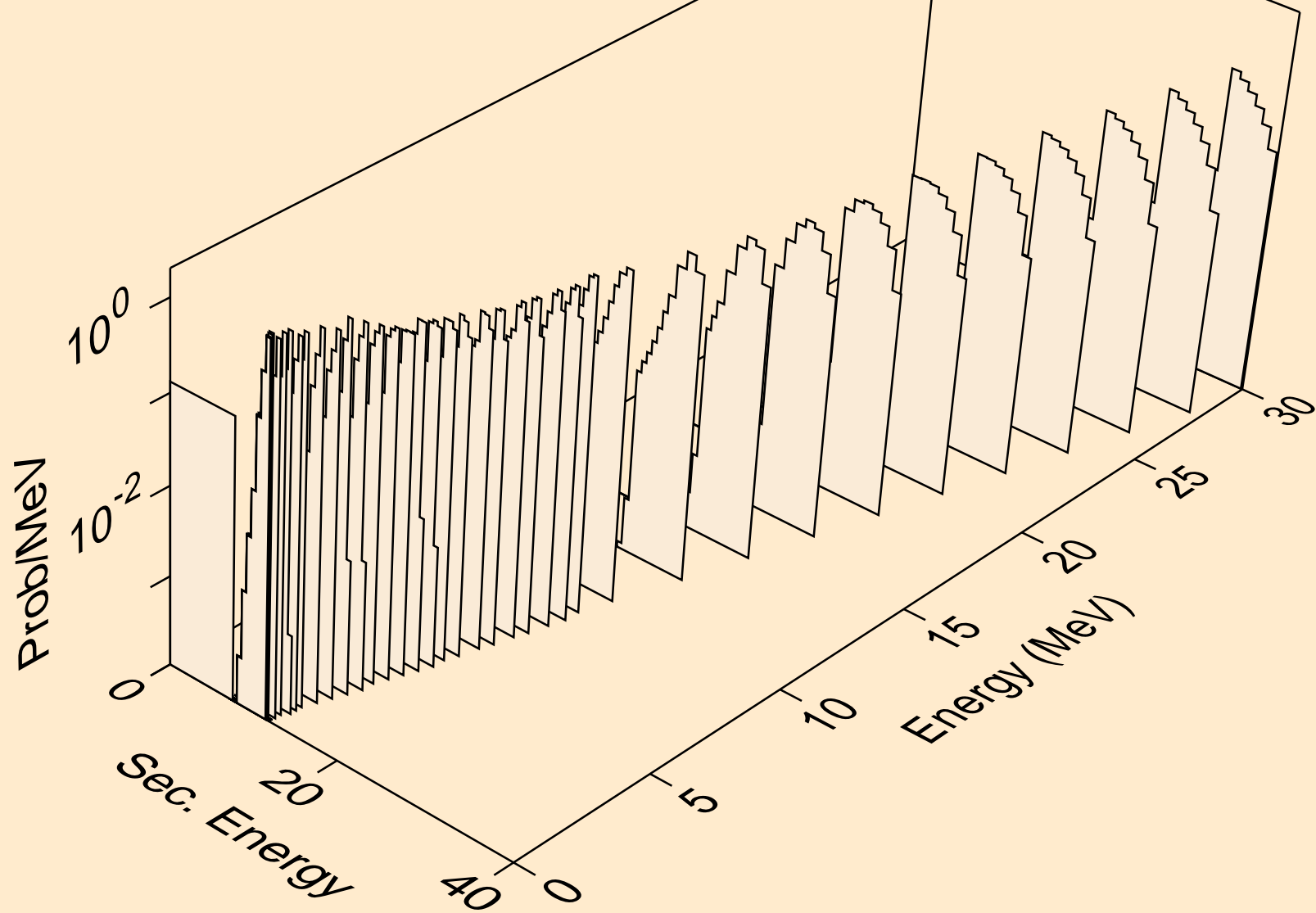
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



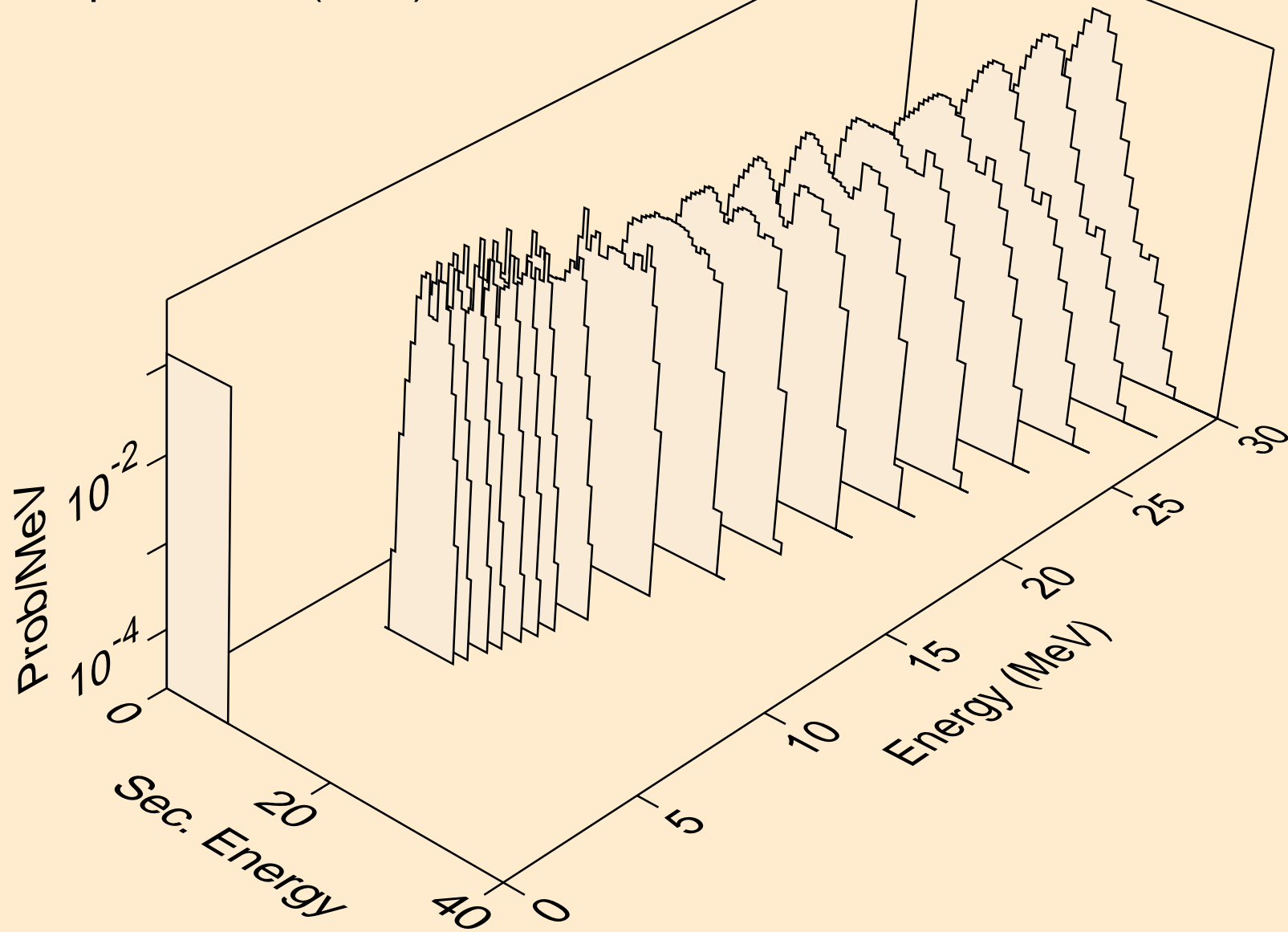
BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



BK245 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)

