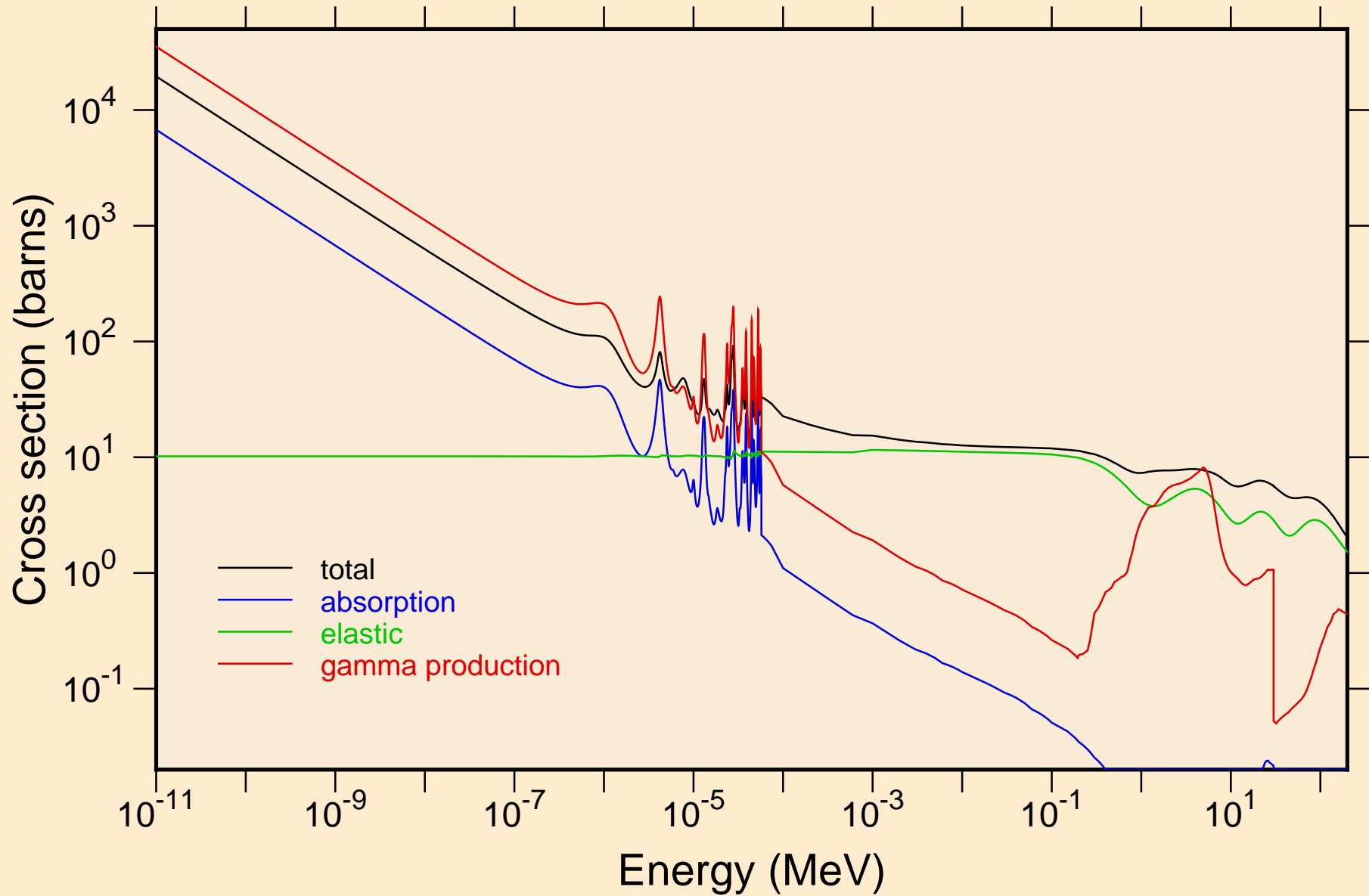
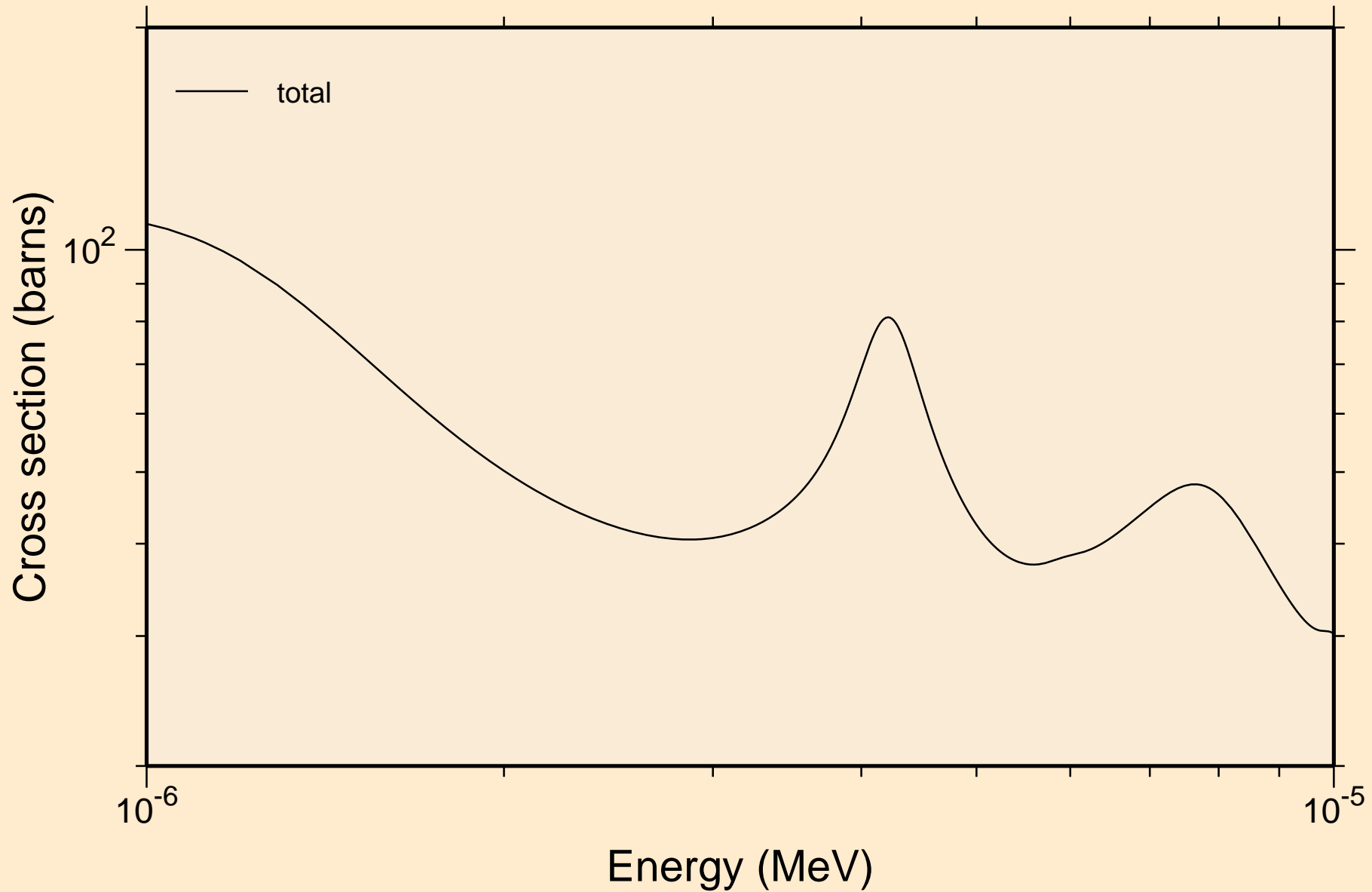


# PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

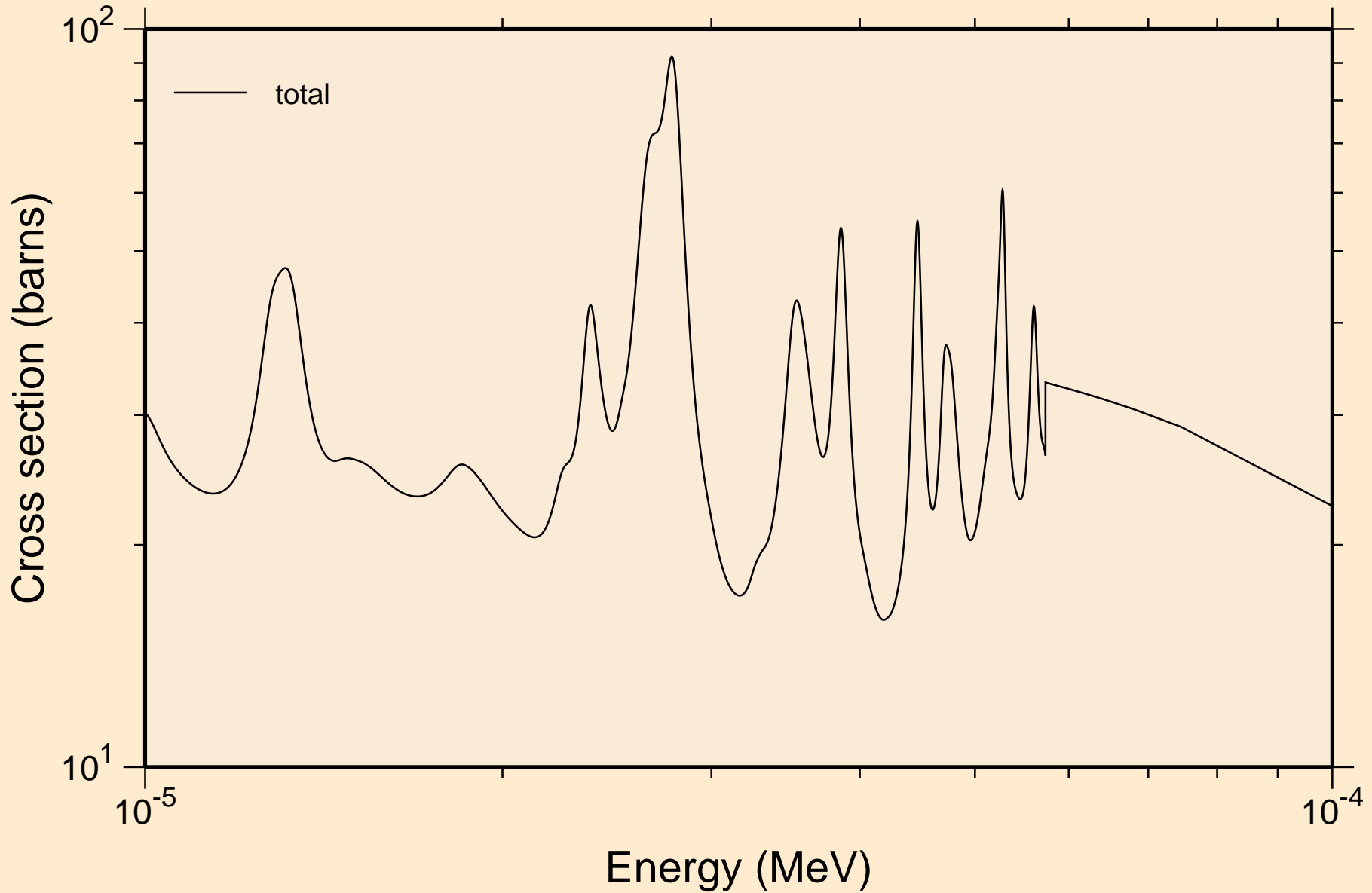
## Principal cross sections



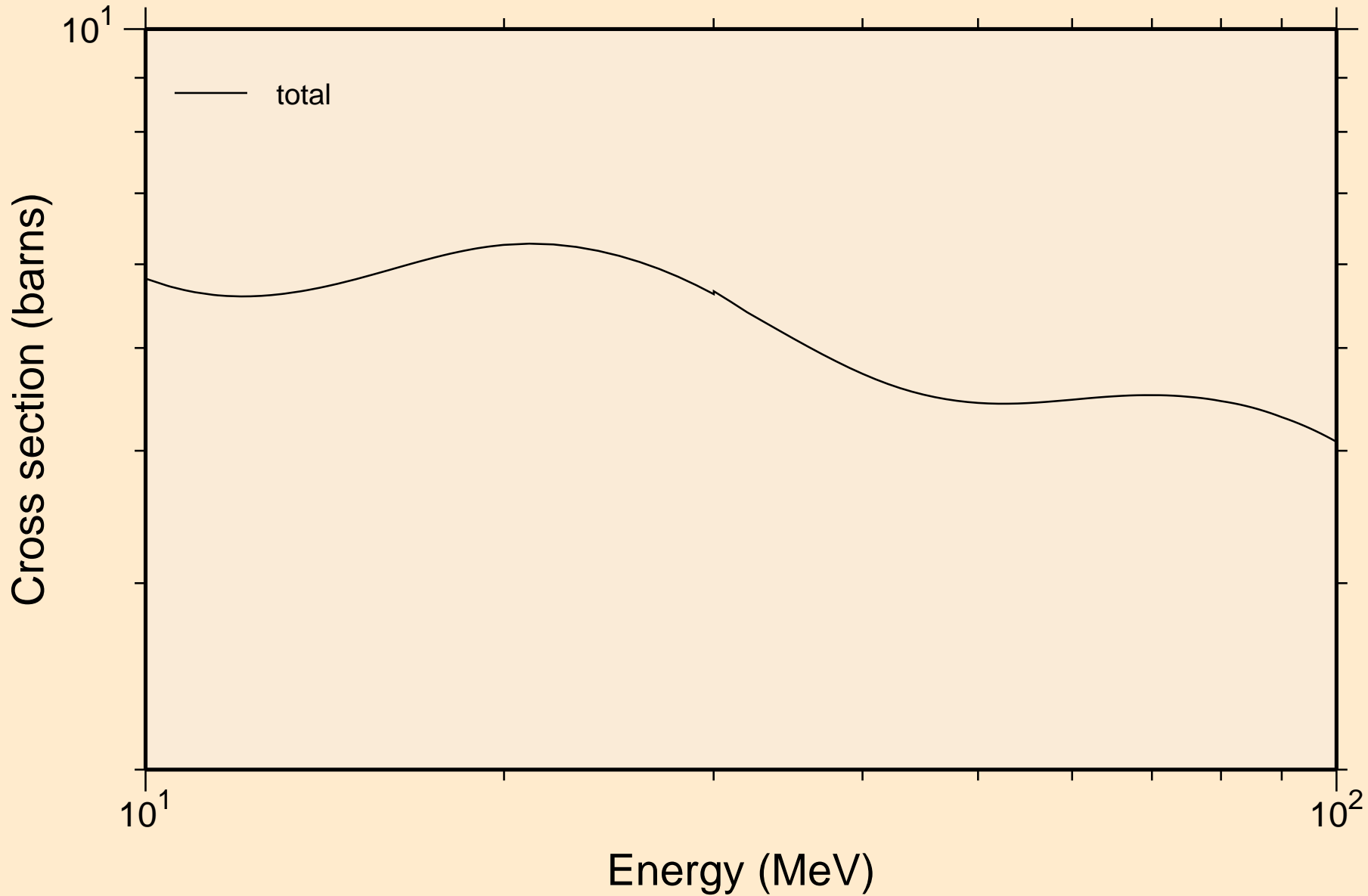
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resonance total cross section



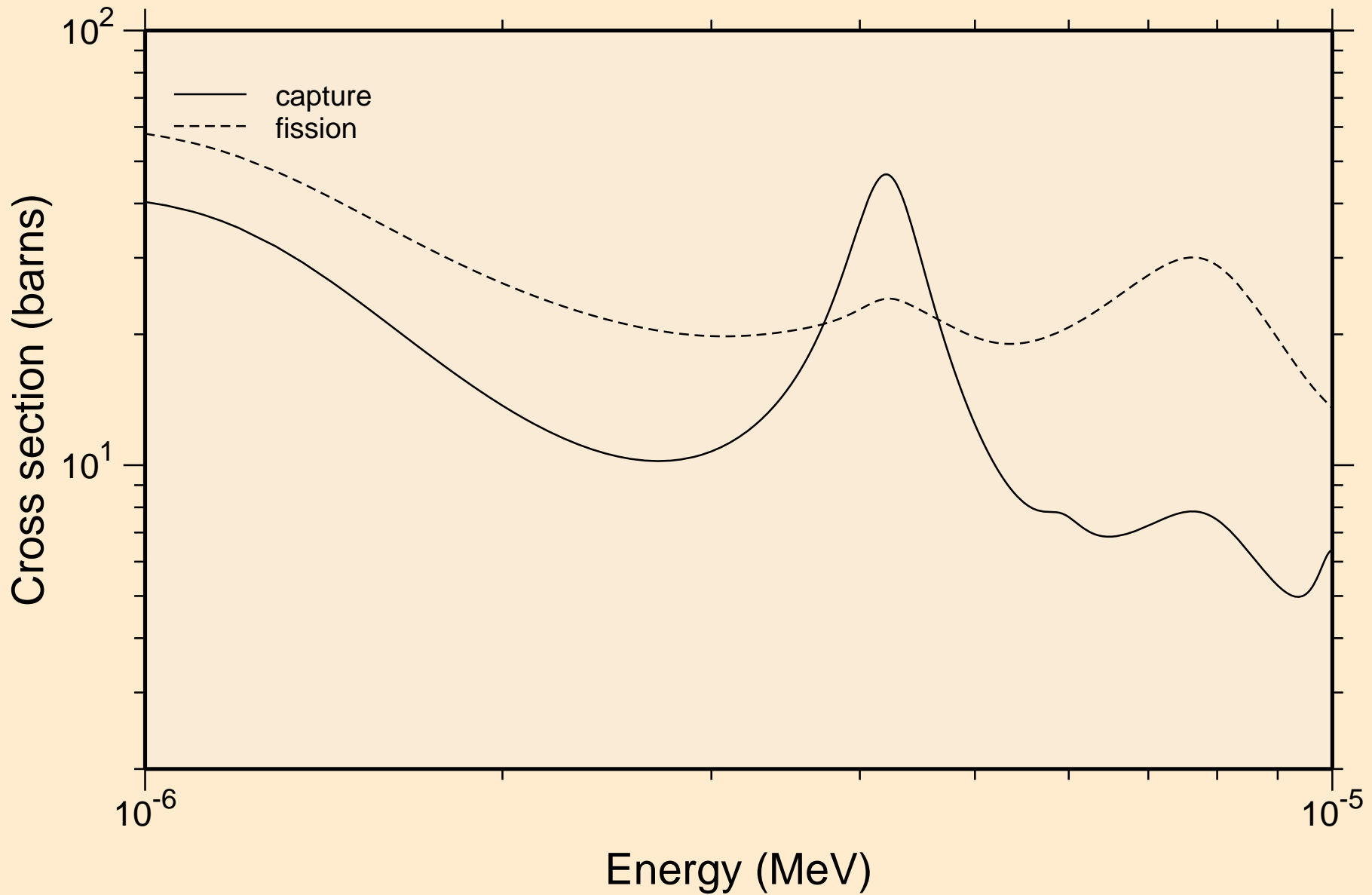
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



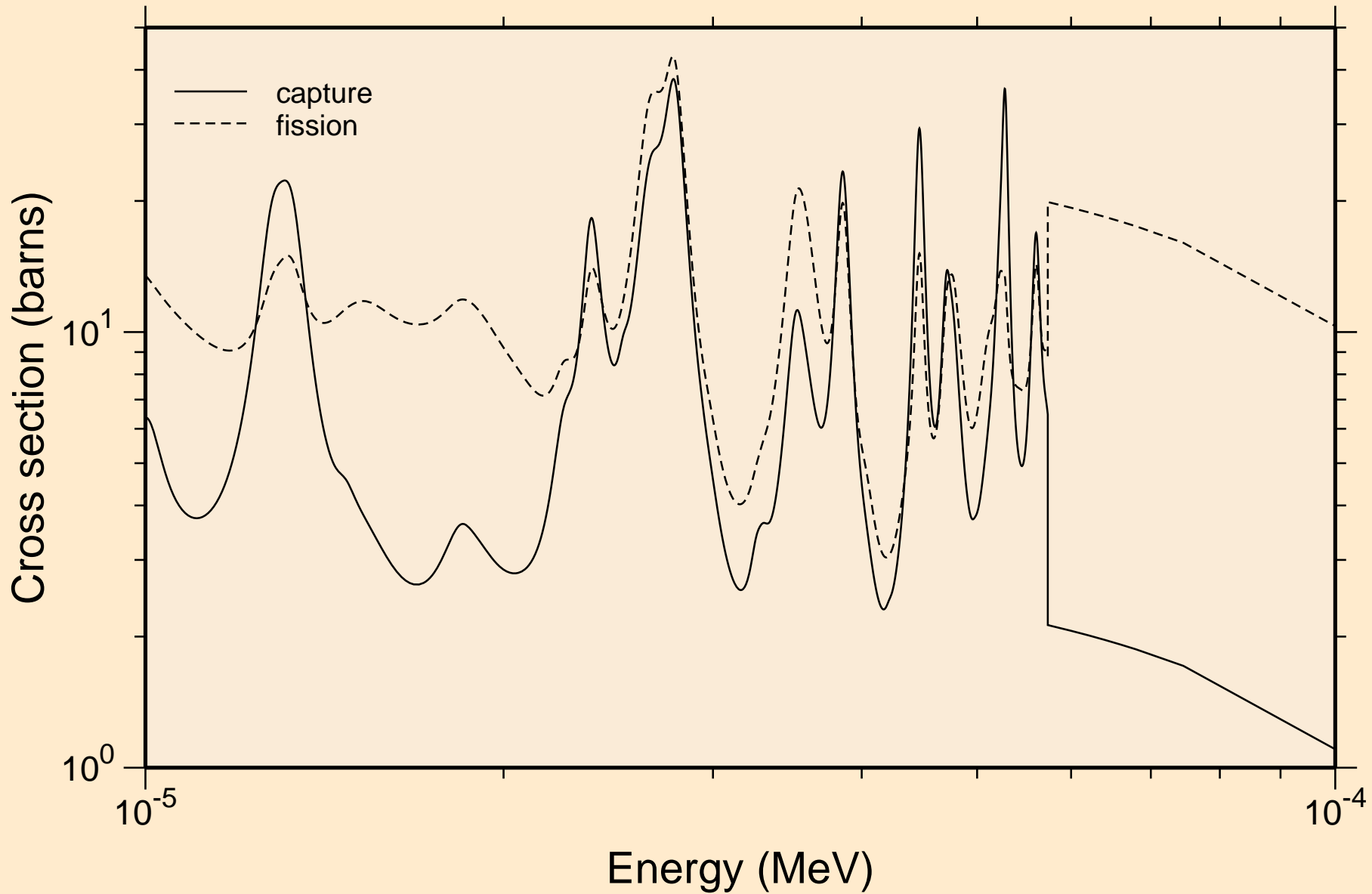
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



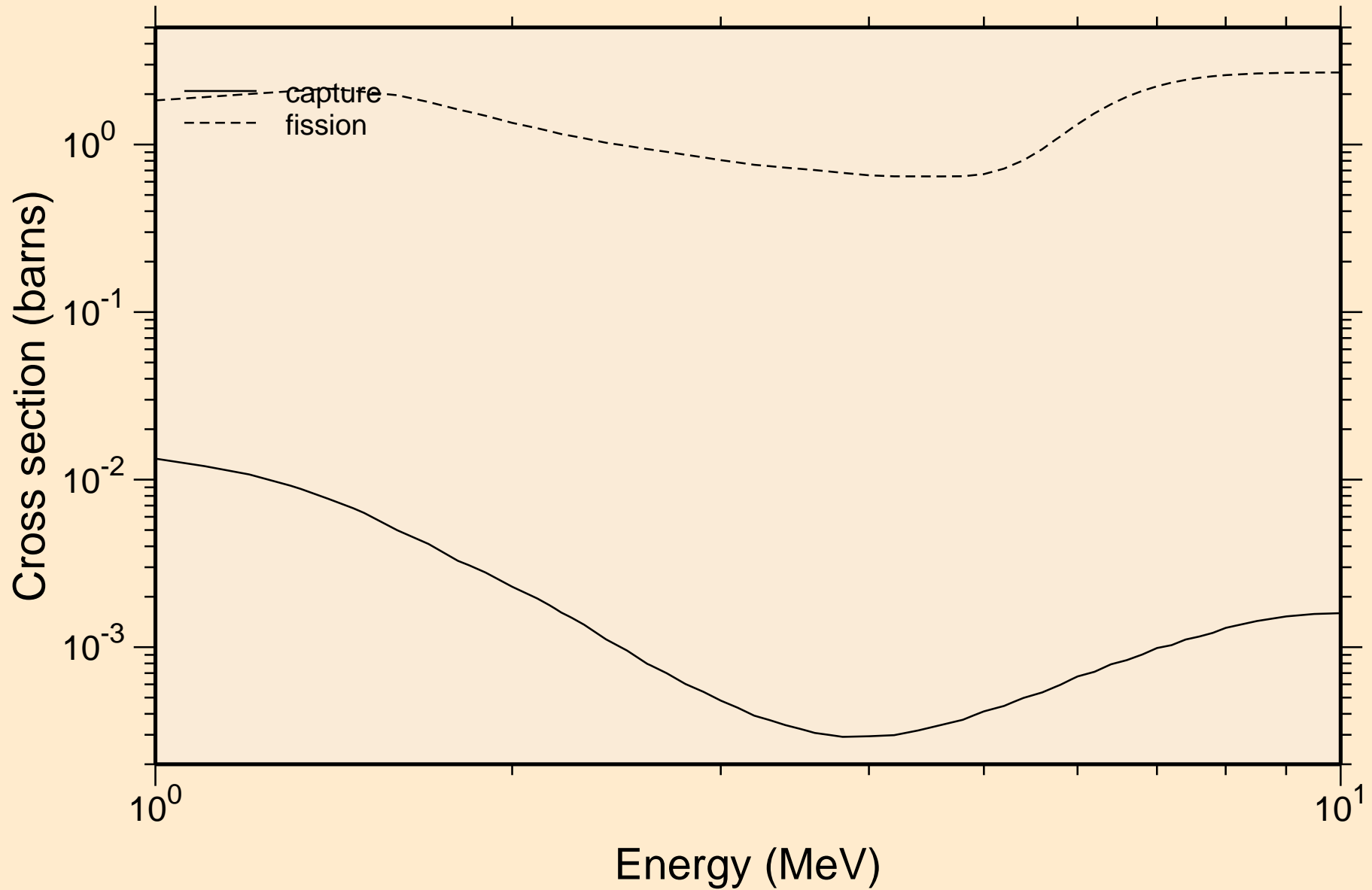
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

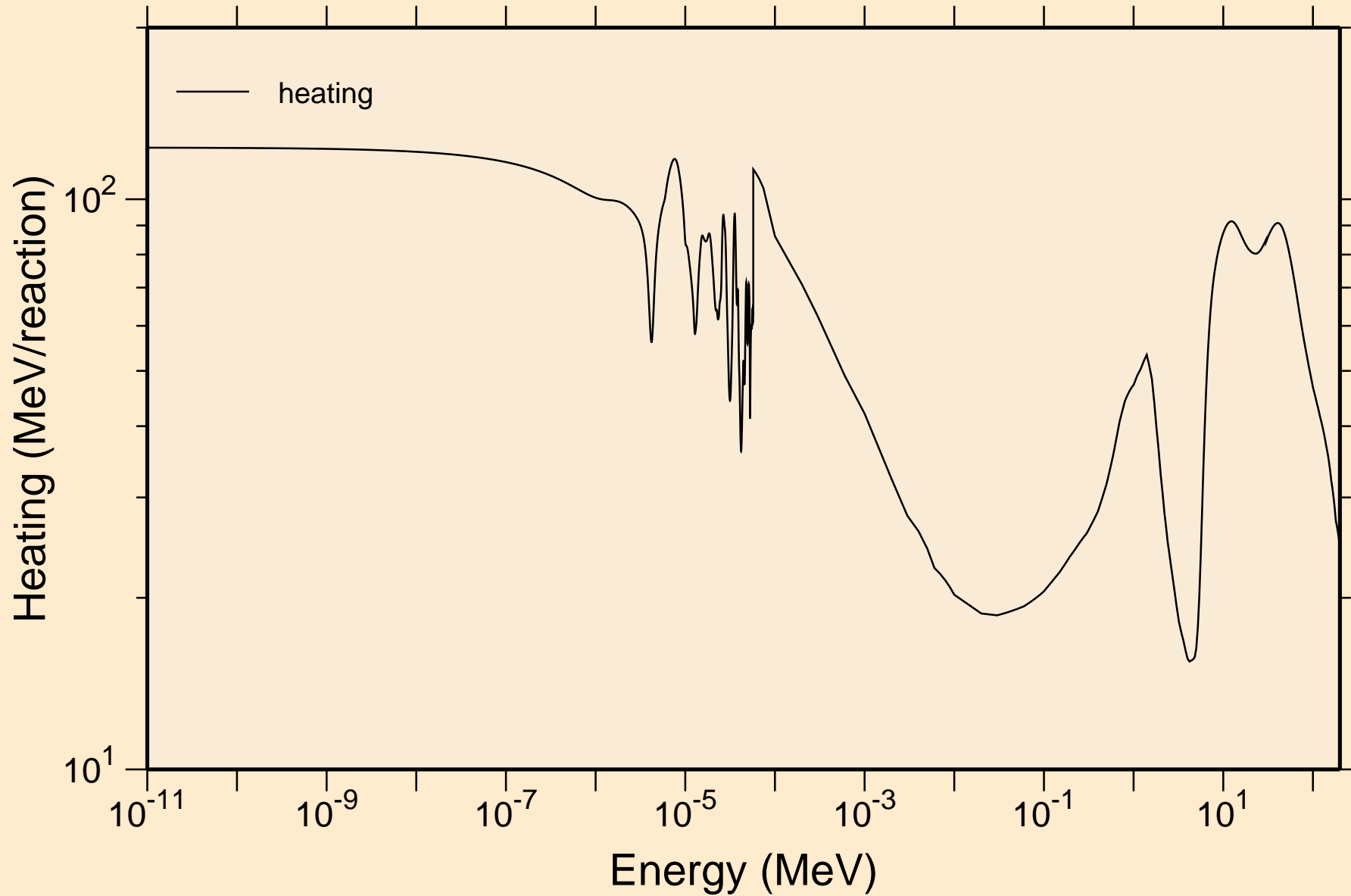


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



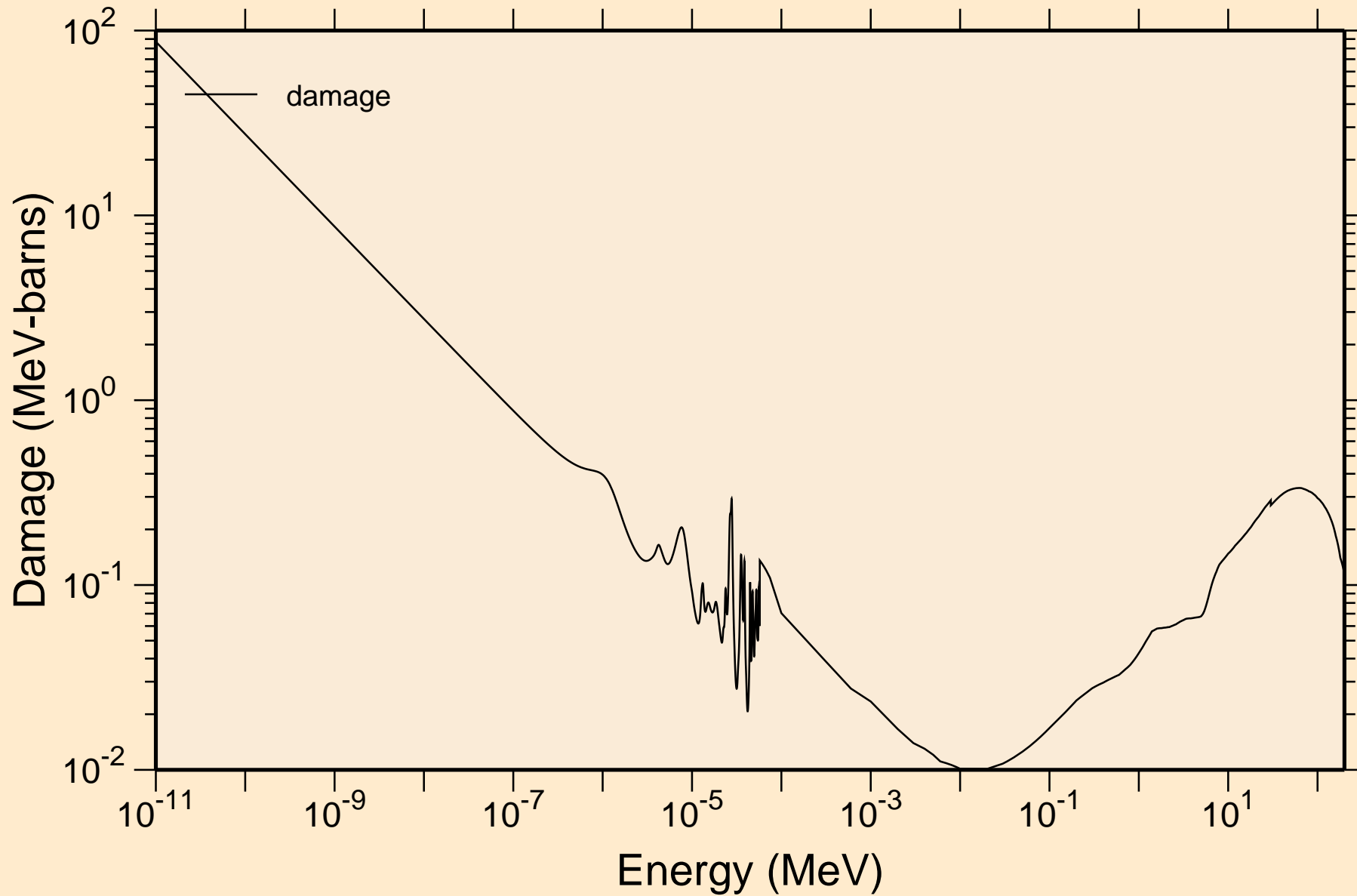
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

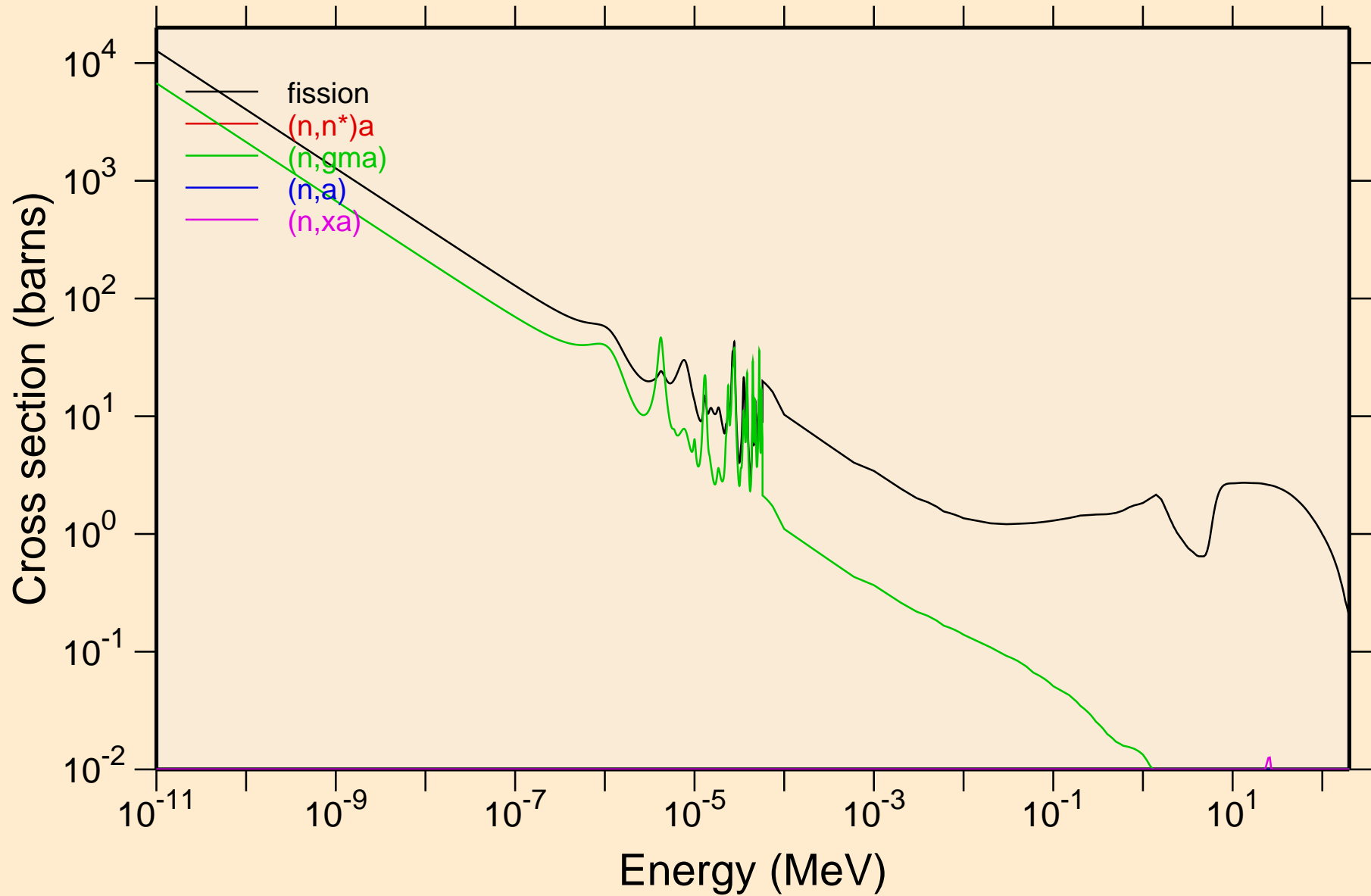




PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

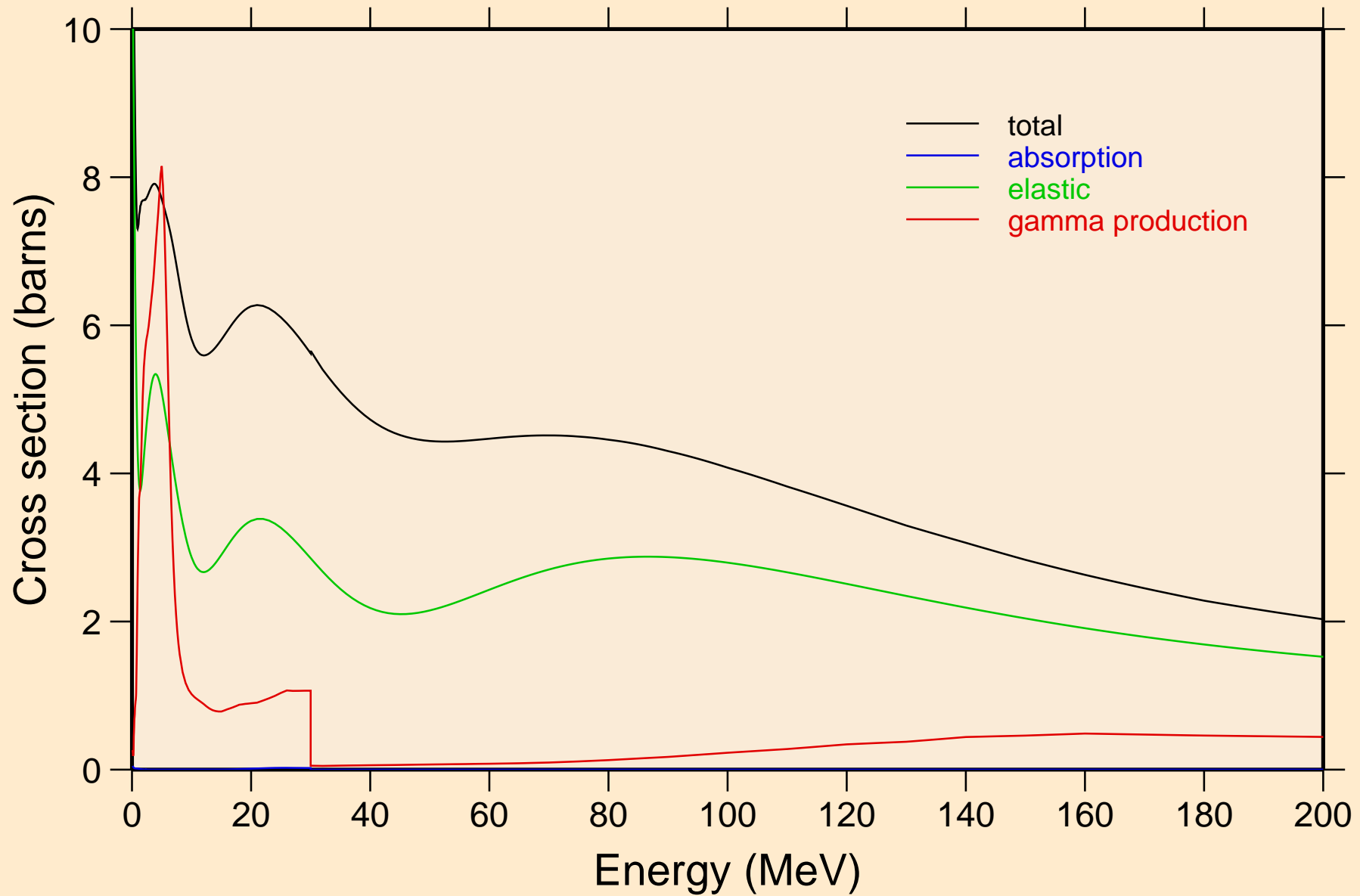


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

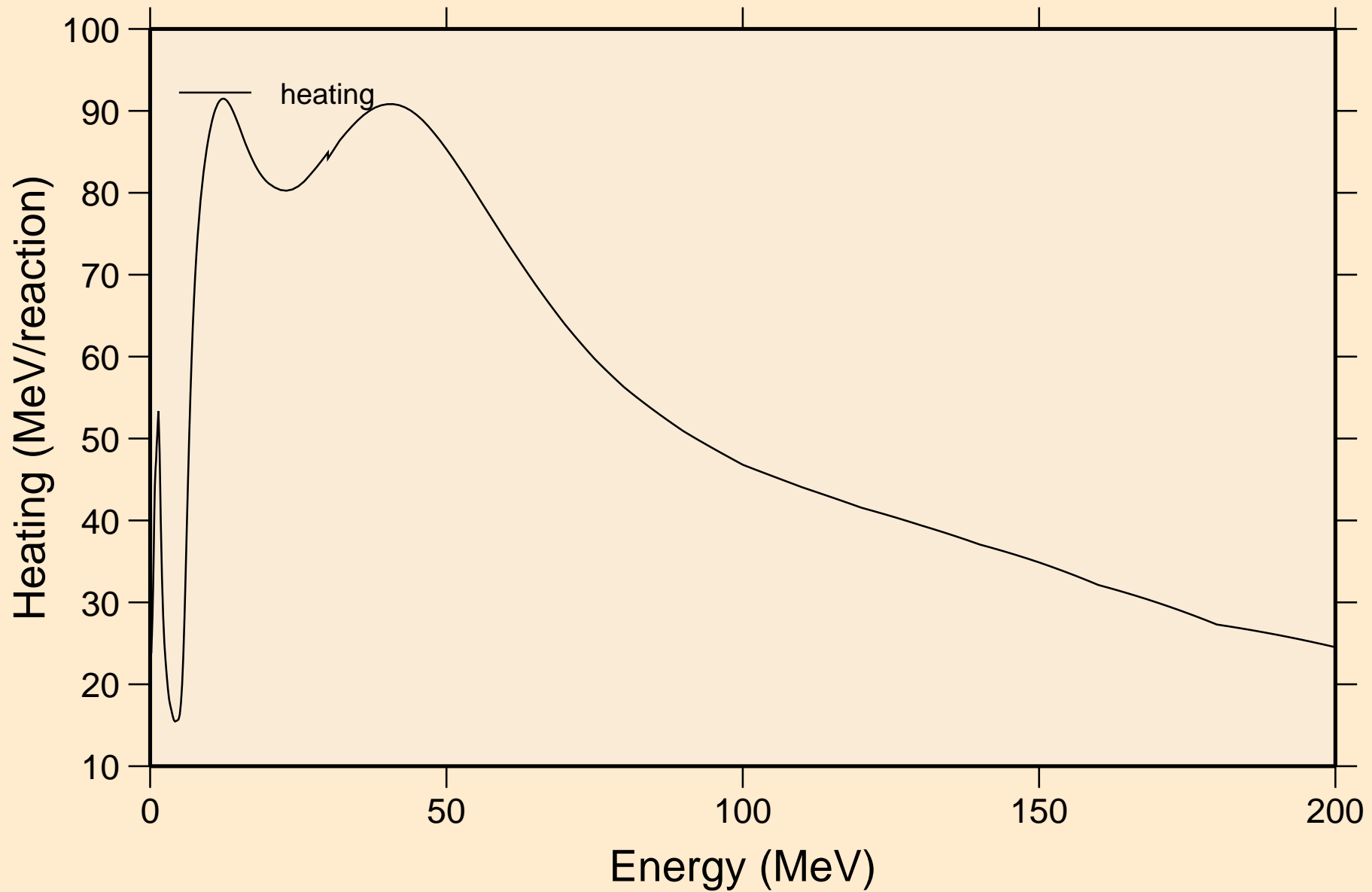


# PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

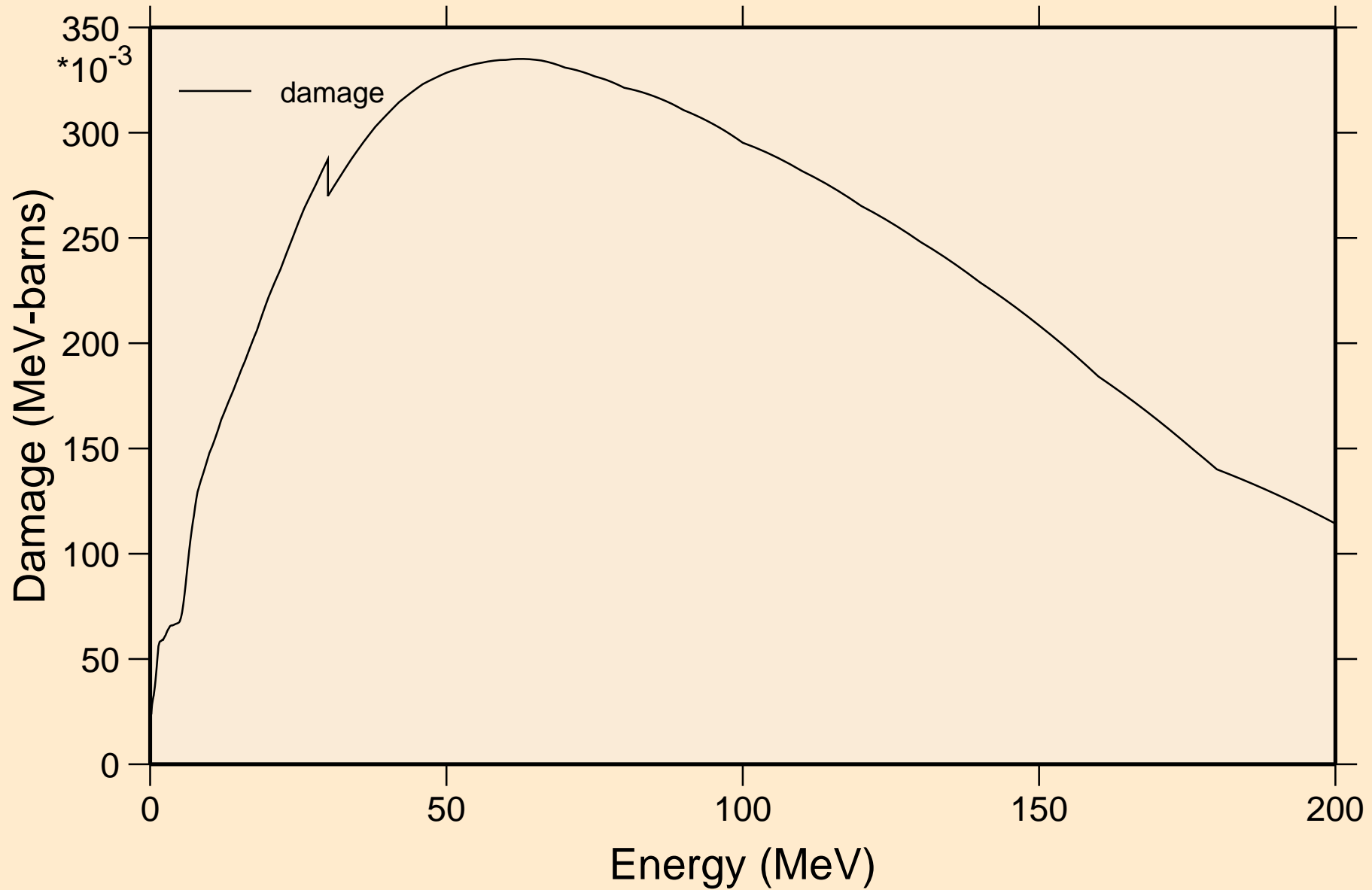
## Principal cross sections



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

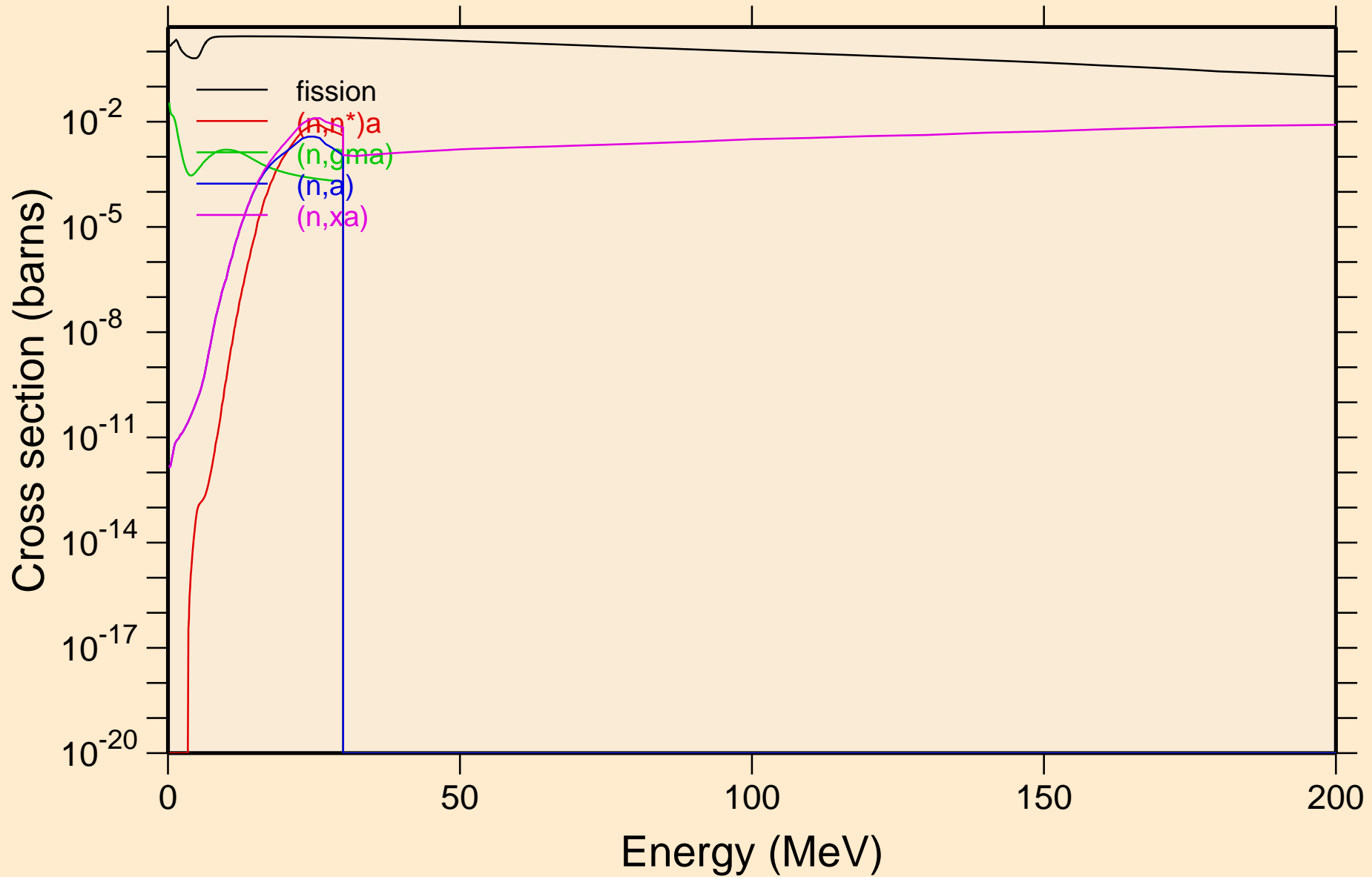


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

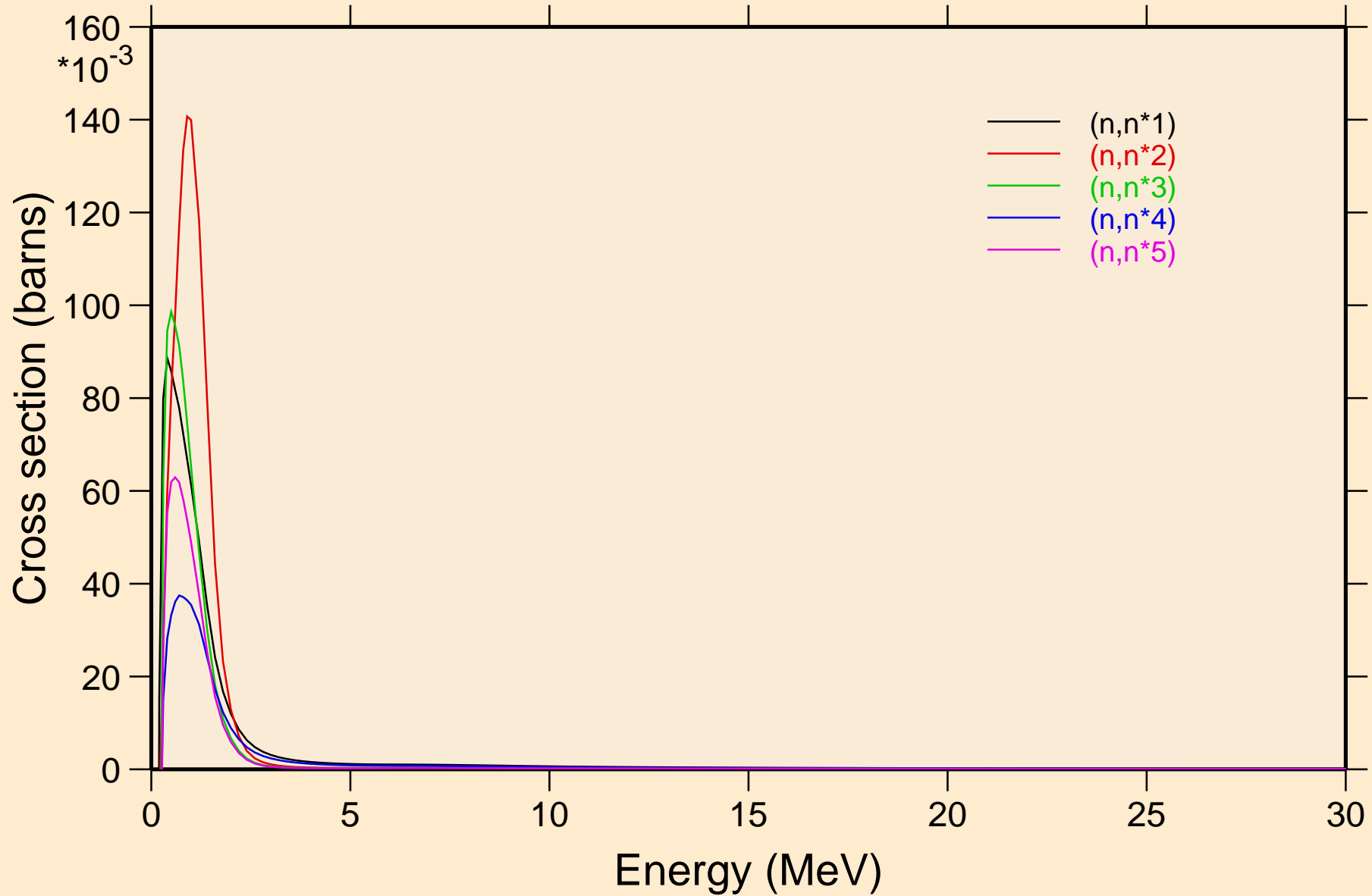


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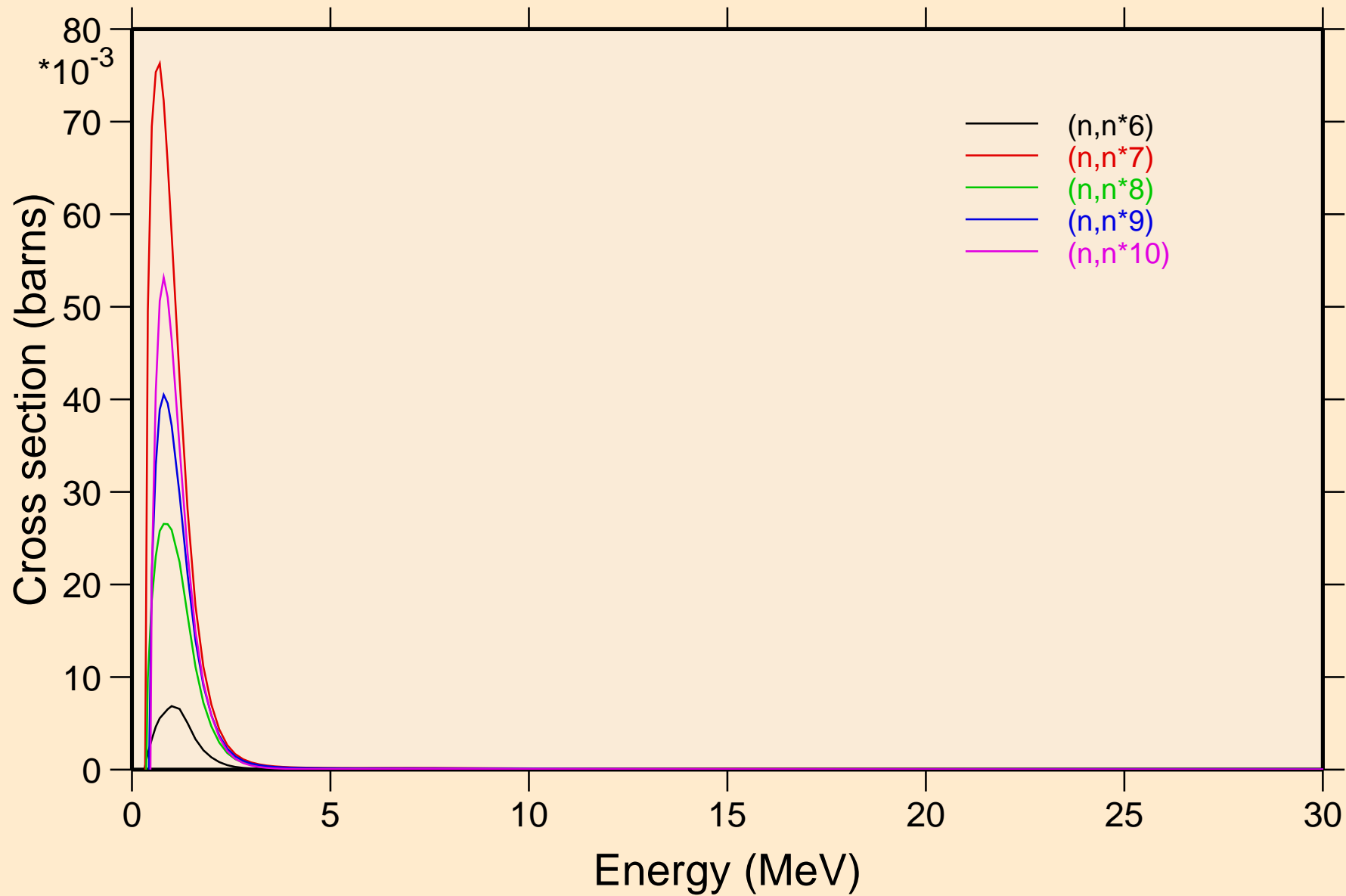
## Non-threshold reactions



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

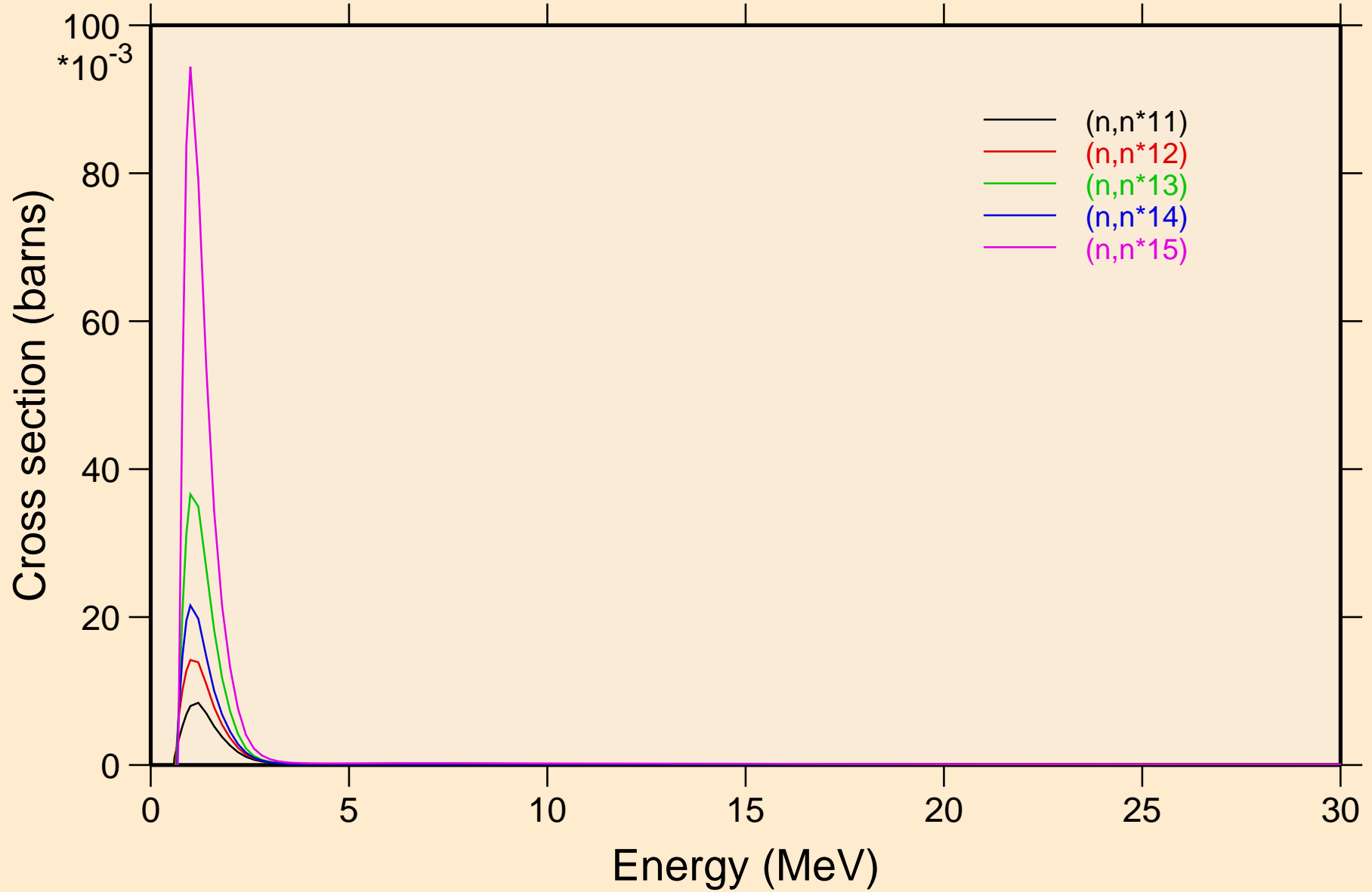


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

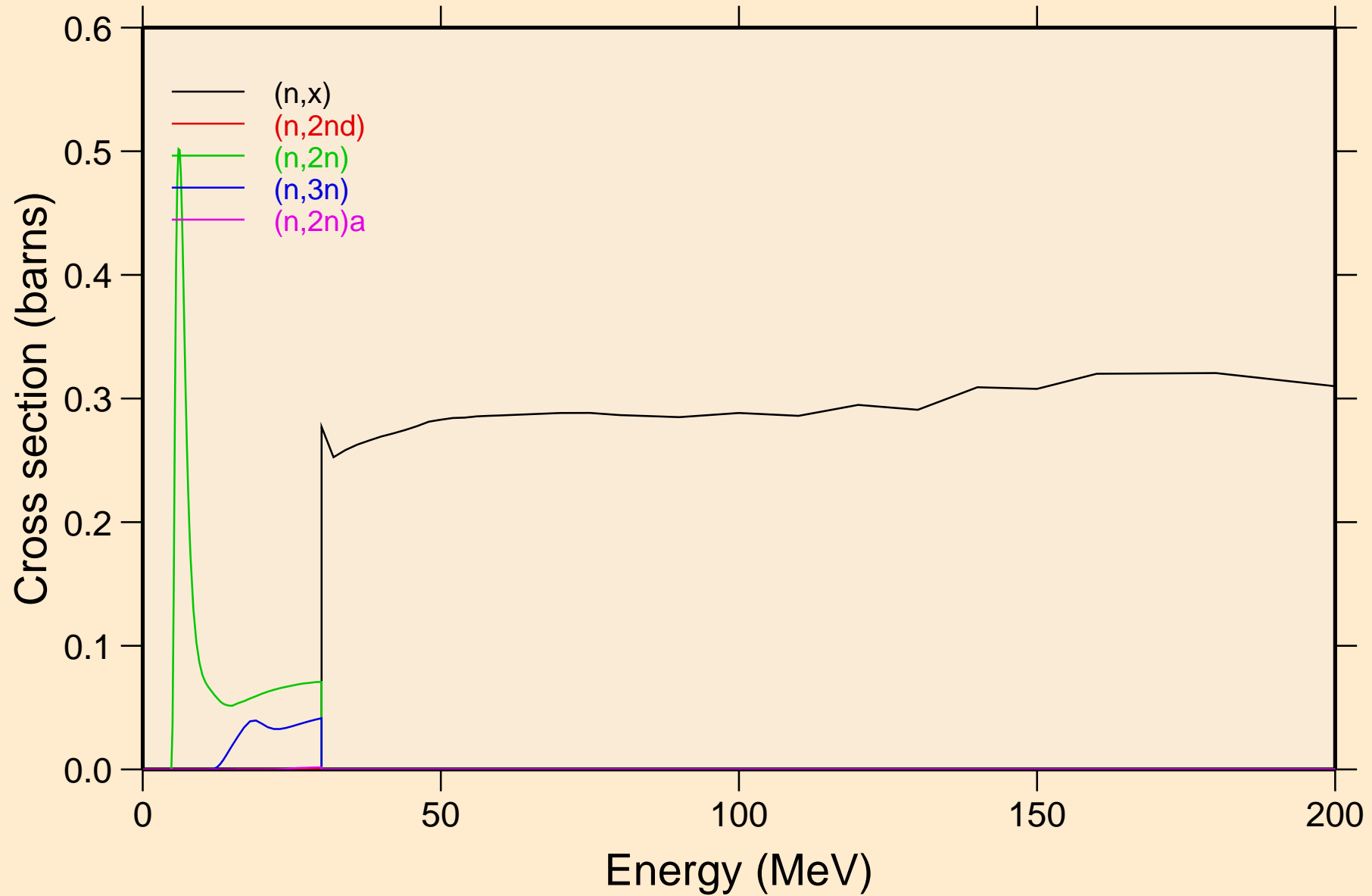




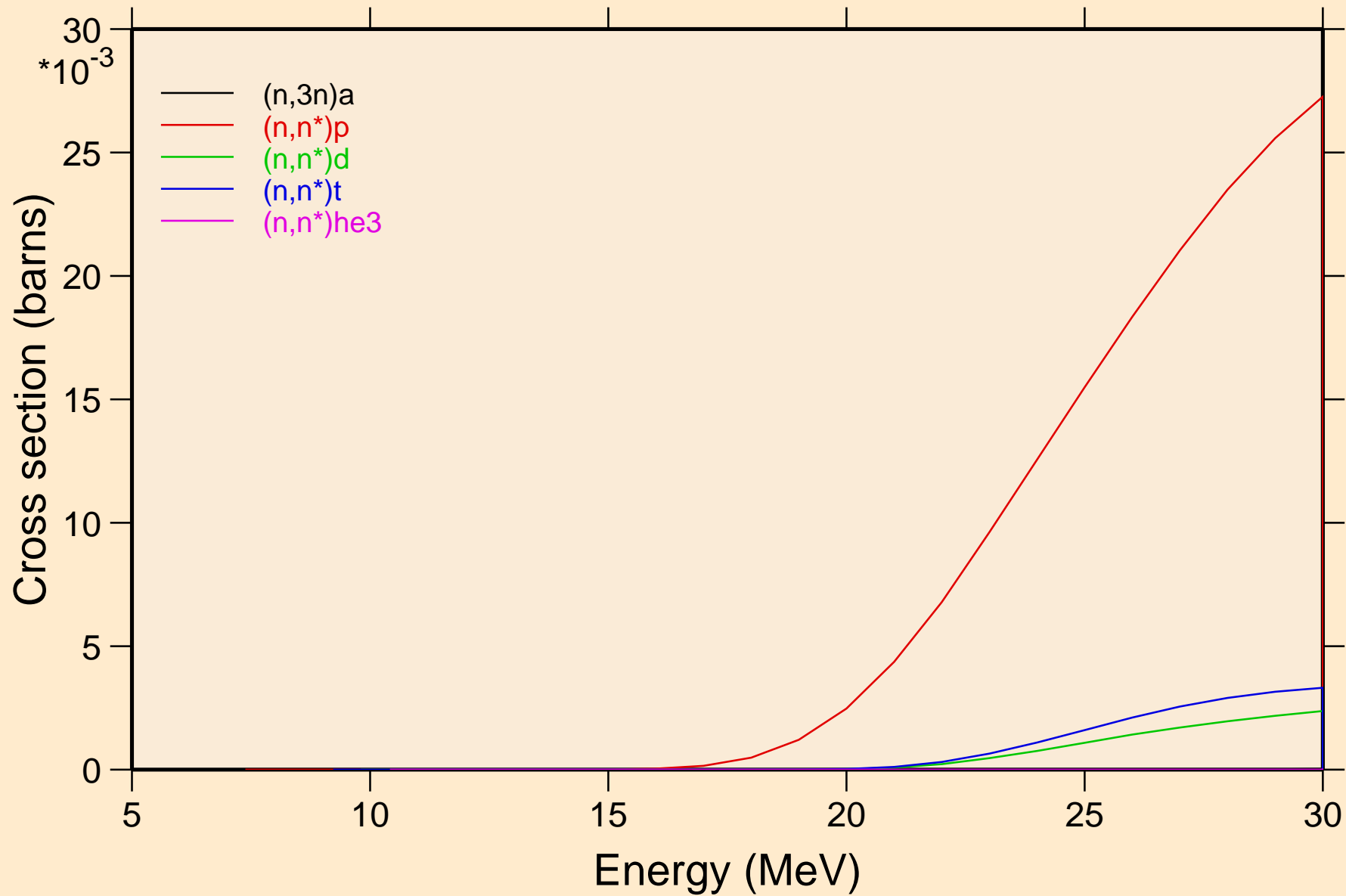
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



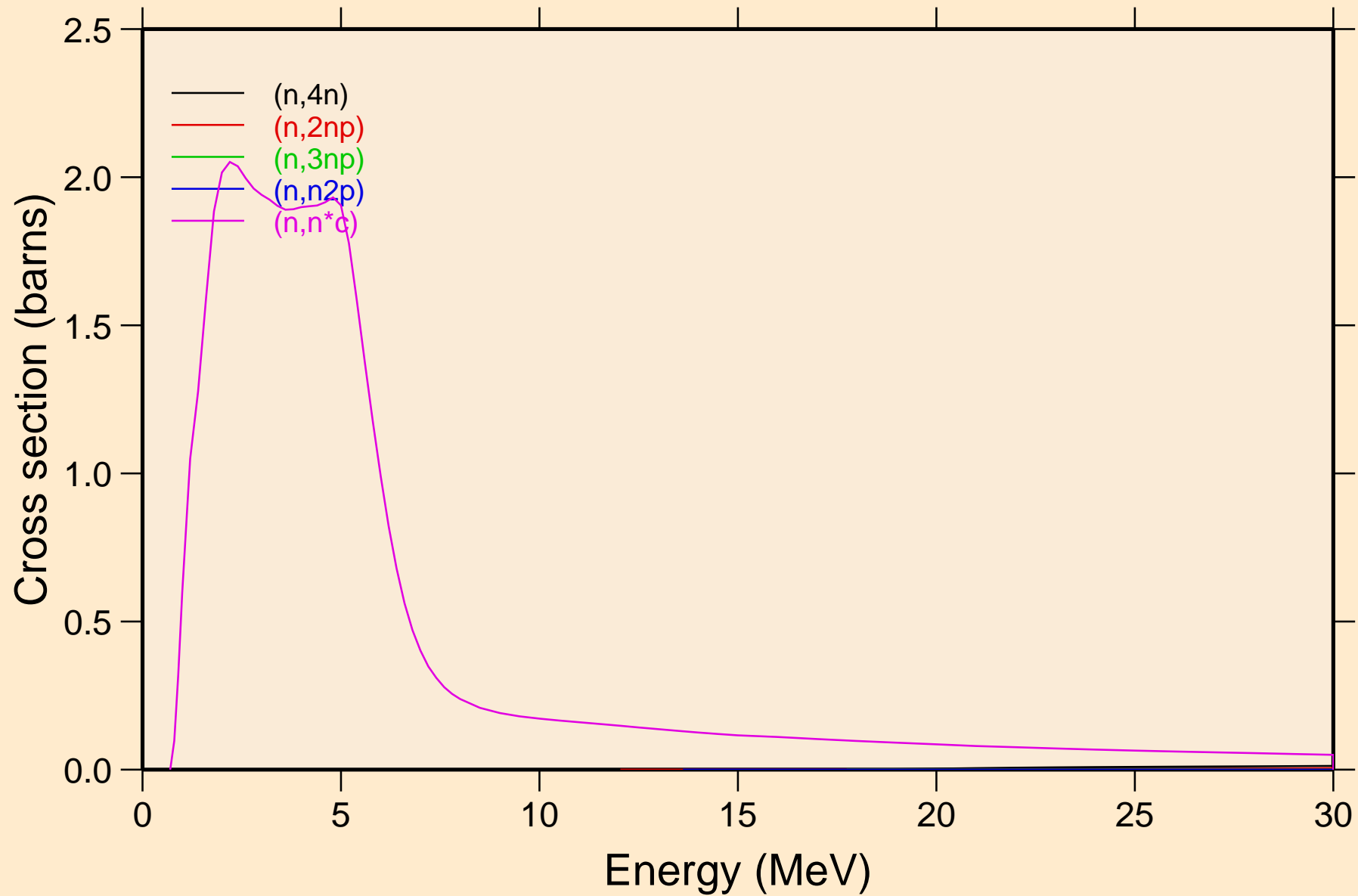
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Threshold reactions



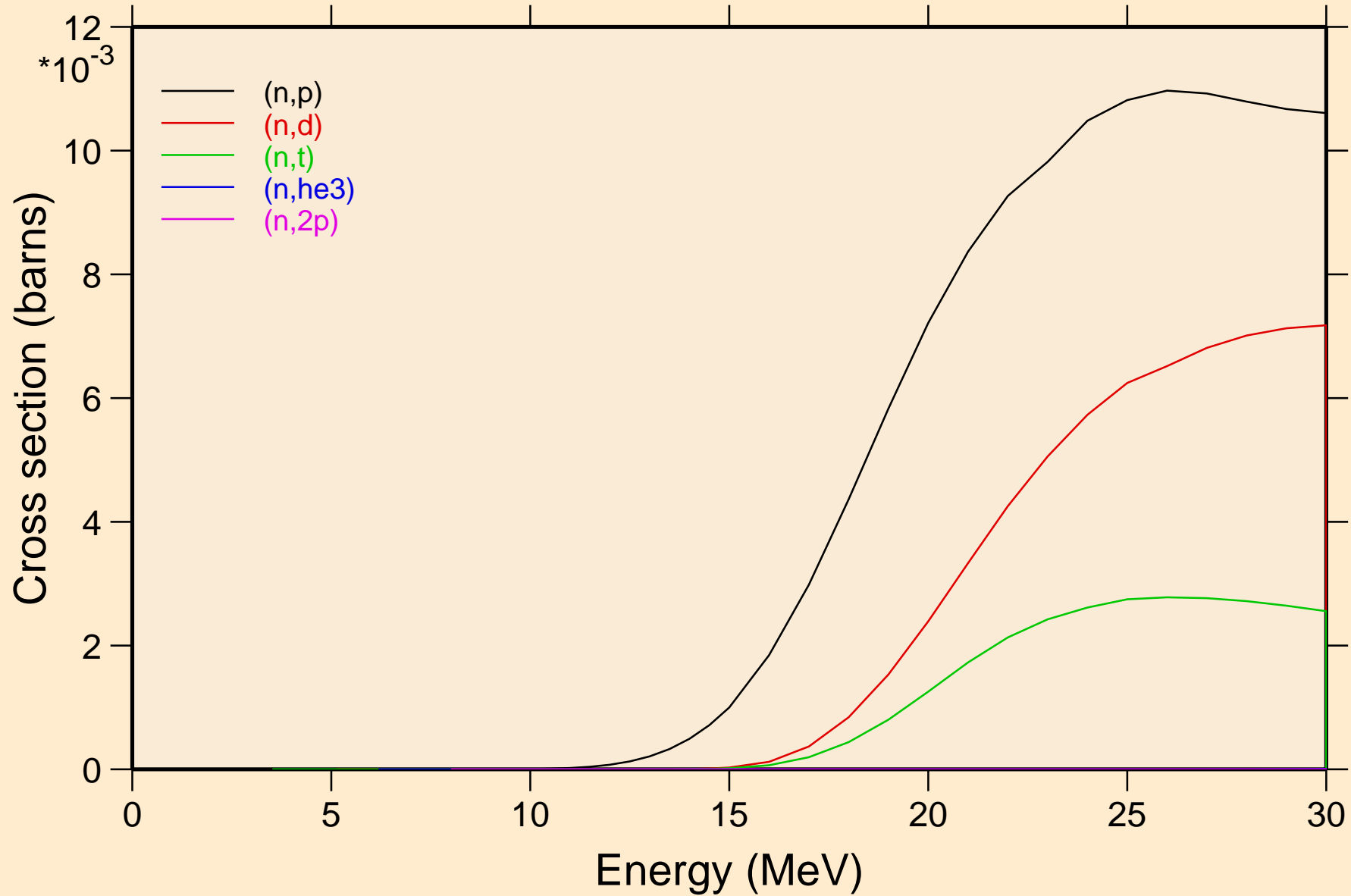
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



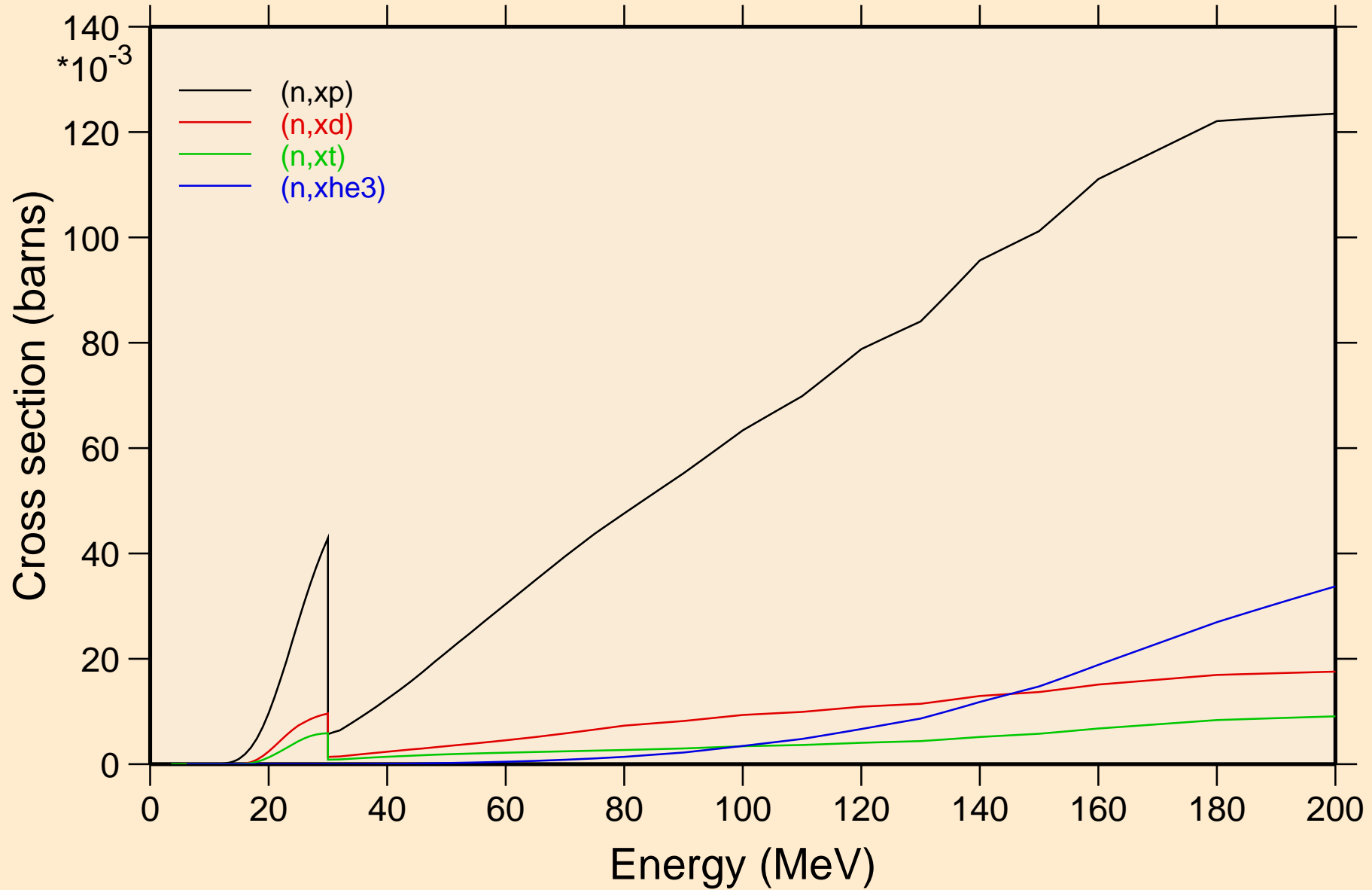
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Threshold reactions



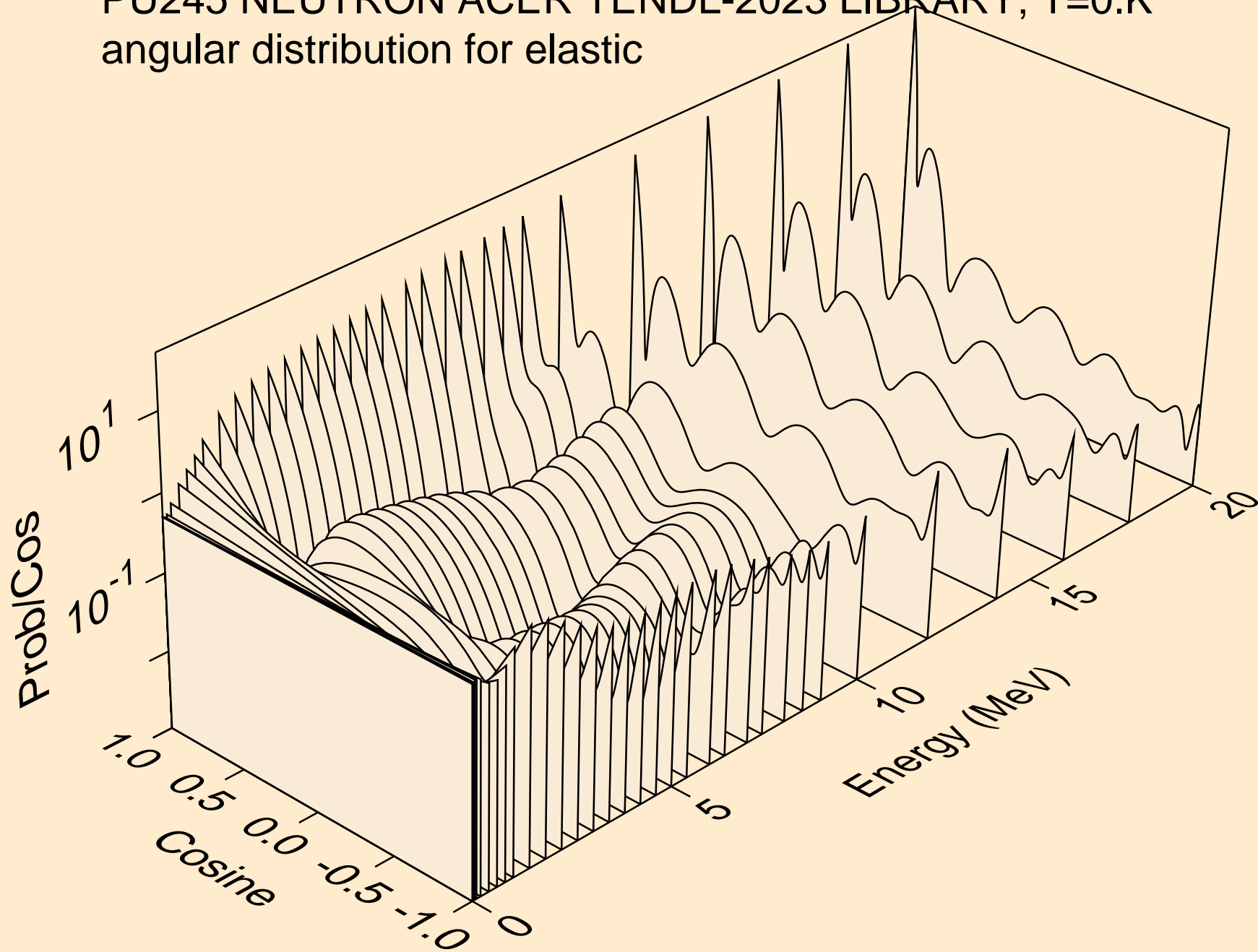
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



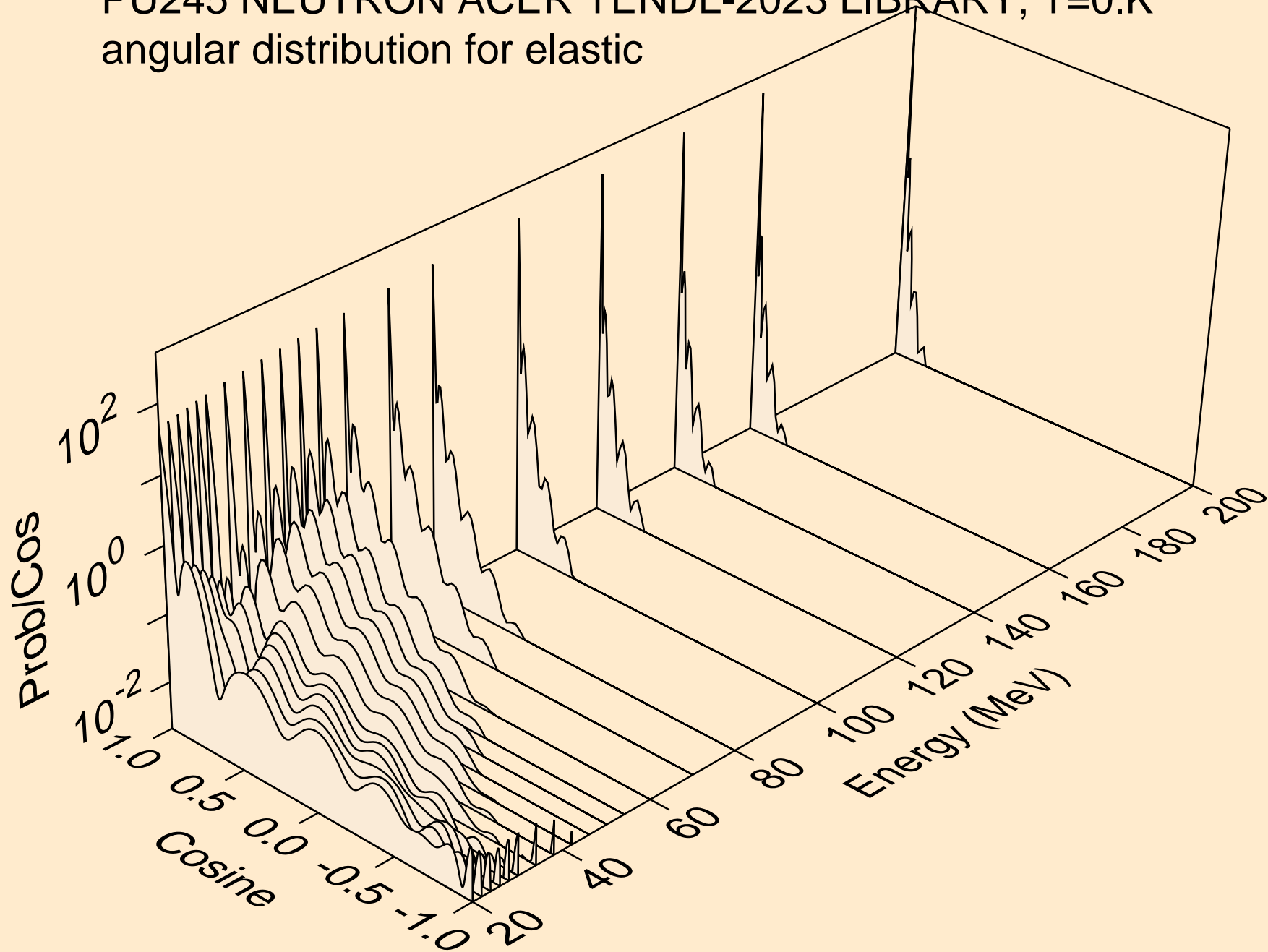
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

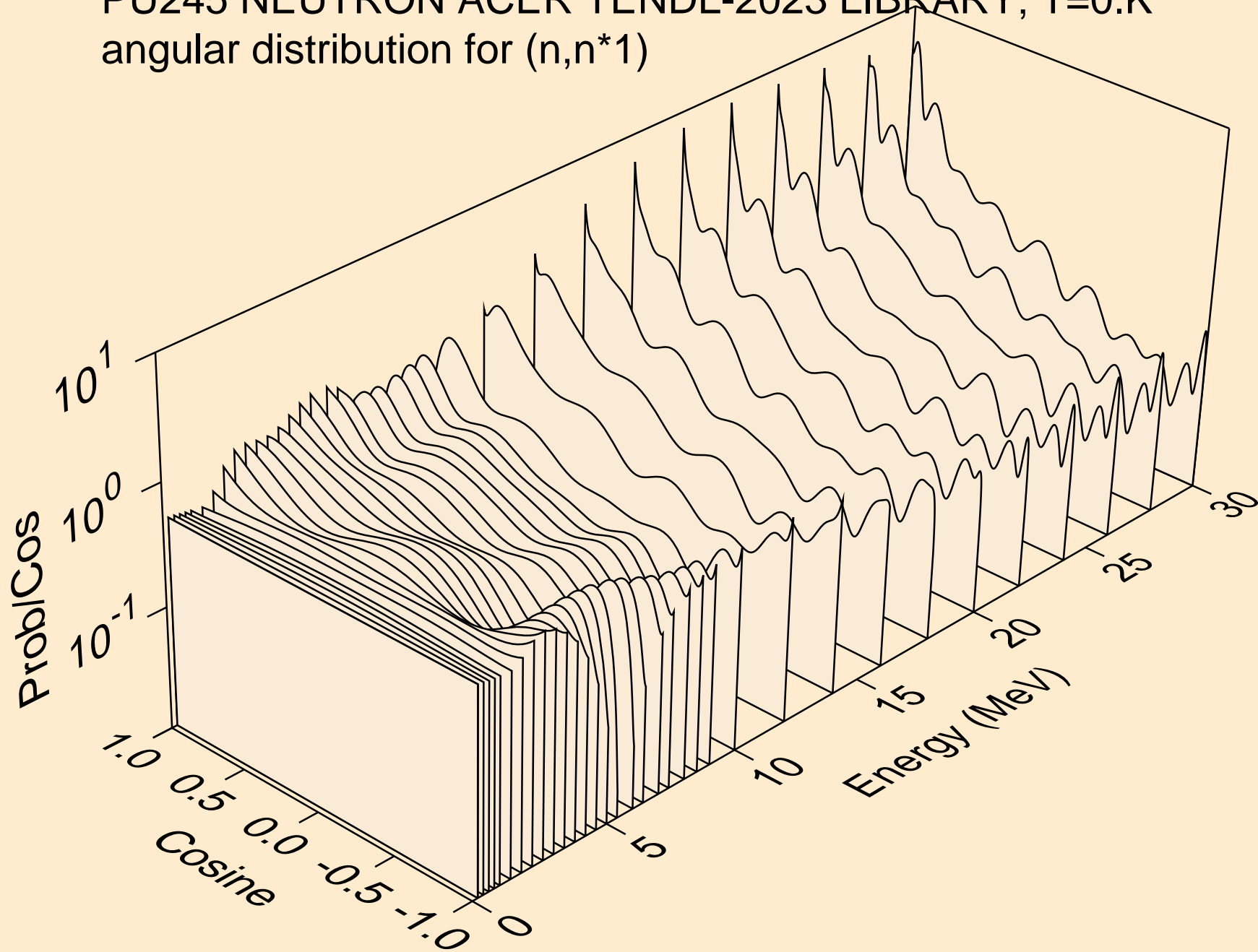


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angular distribution for elastic

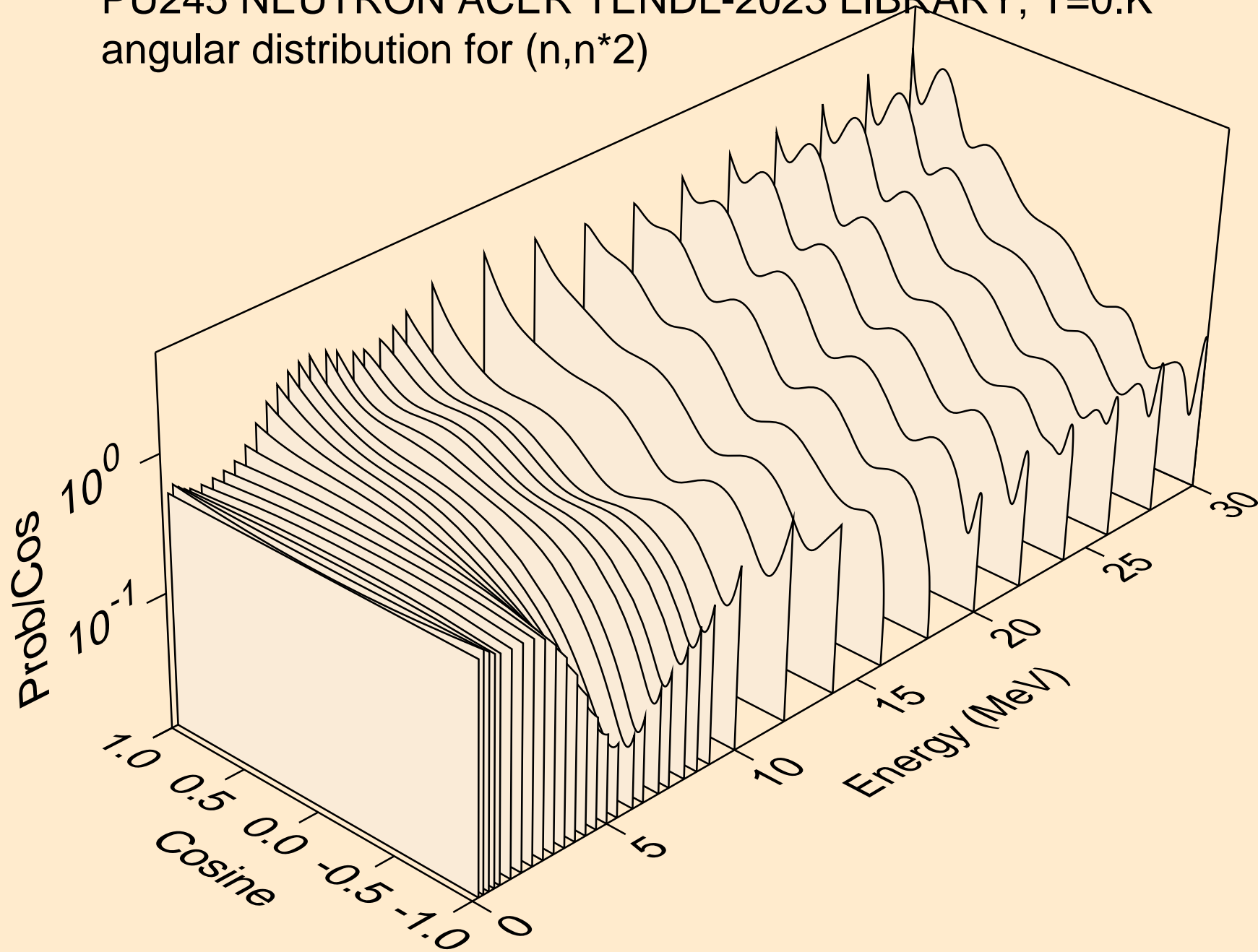




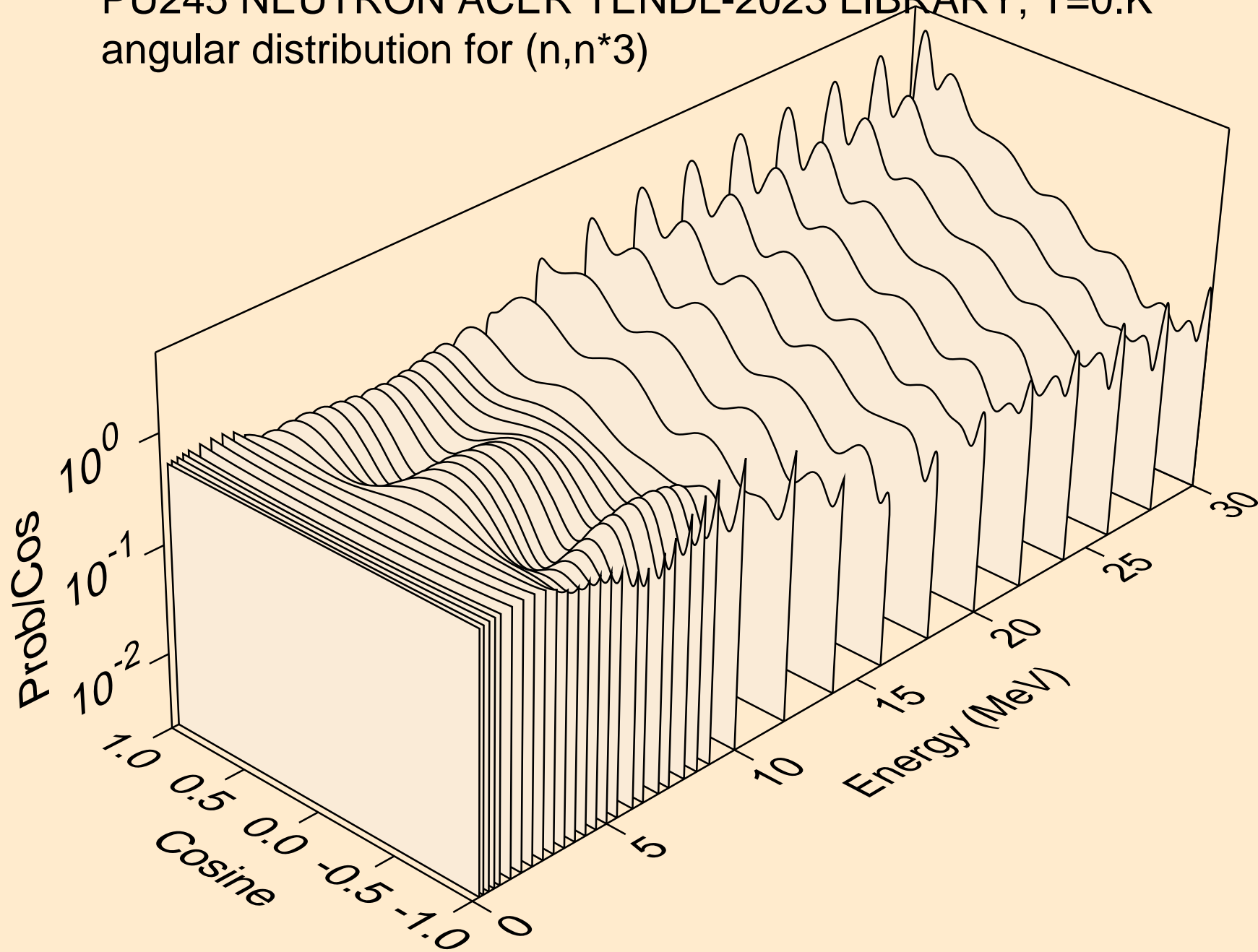
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angular distribution for (n,n\*1)



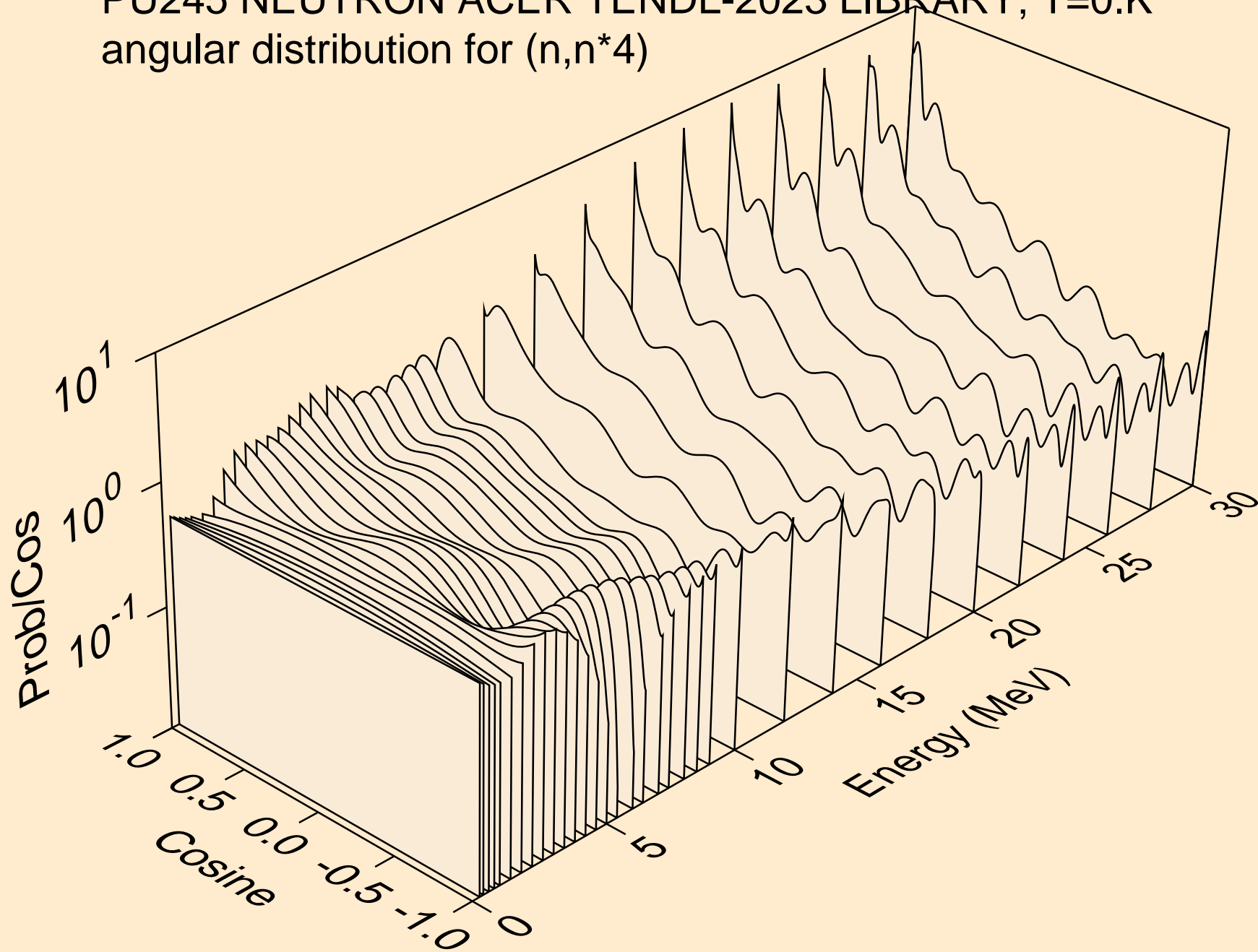
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angular distribution for (n,n\*2)



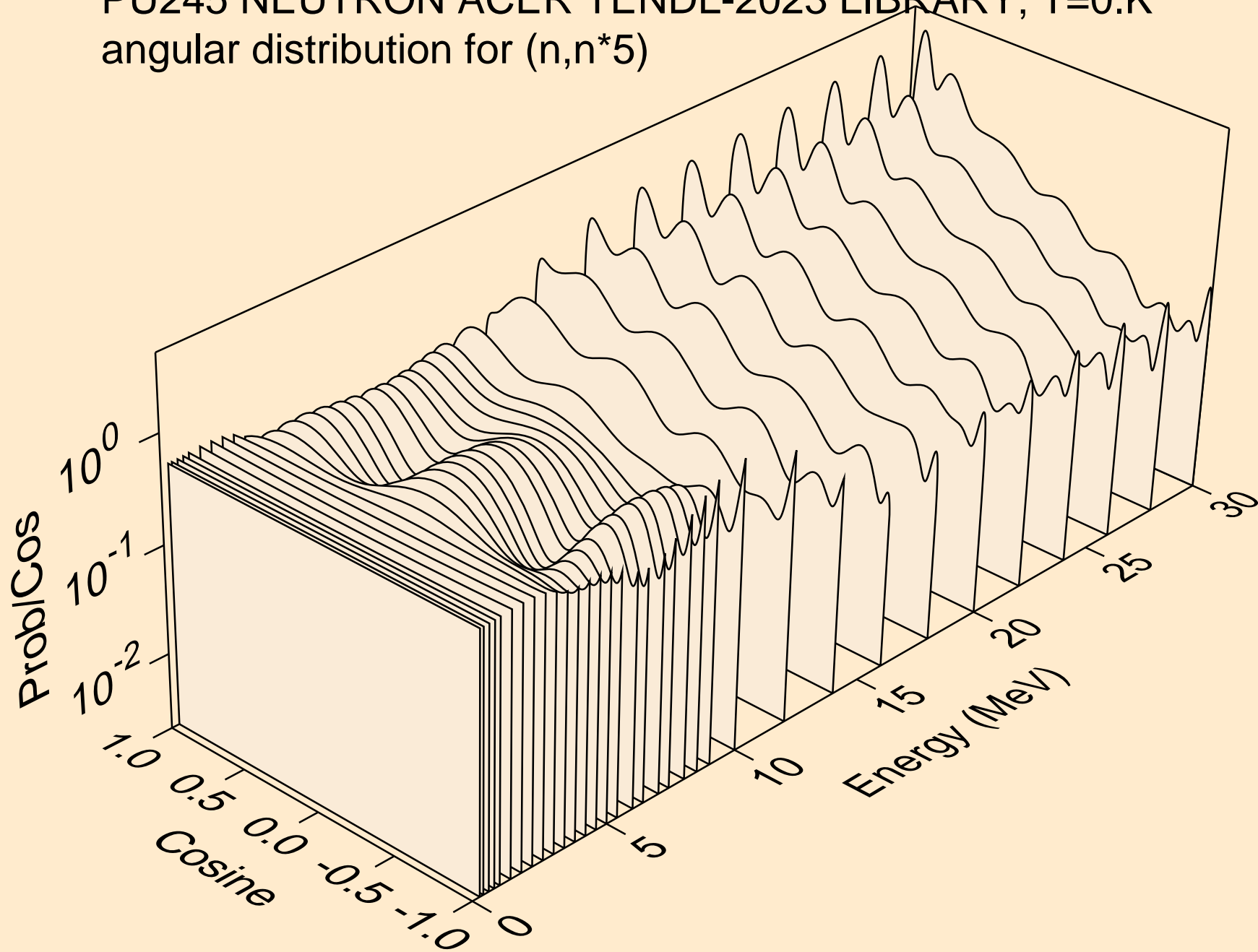
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angular distribution for (n,n\*3)



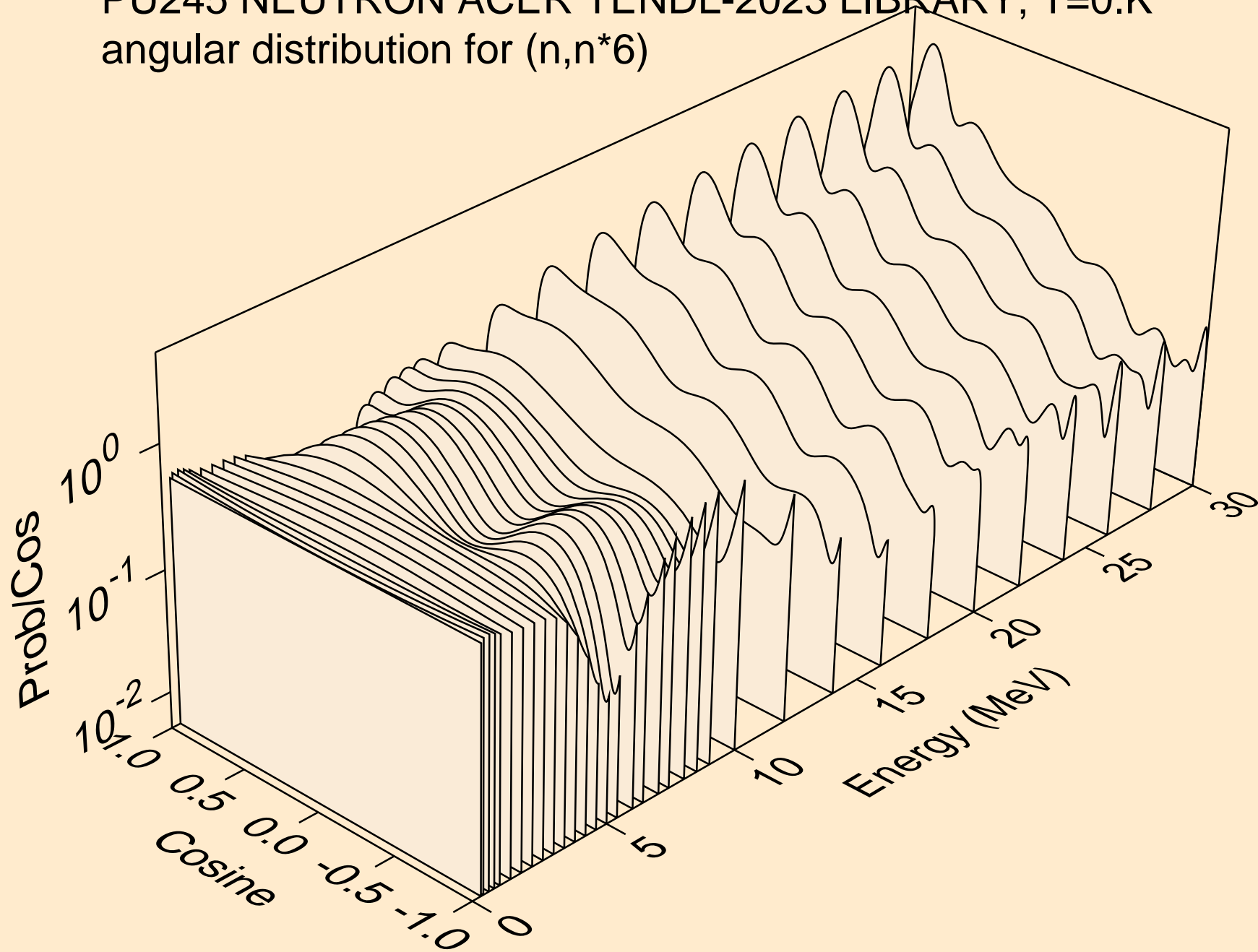
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angular distribution for (n,n\*4)



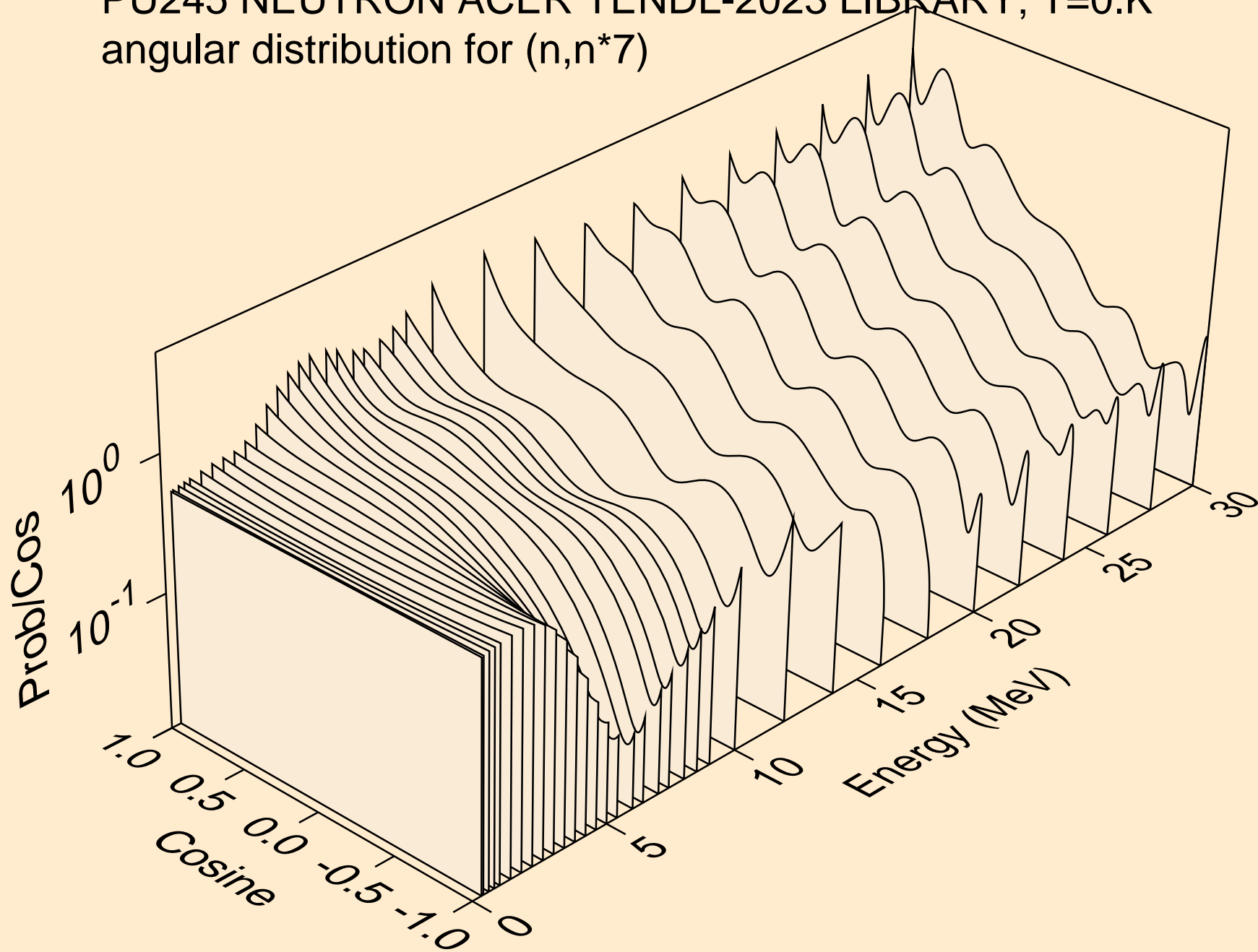
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



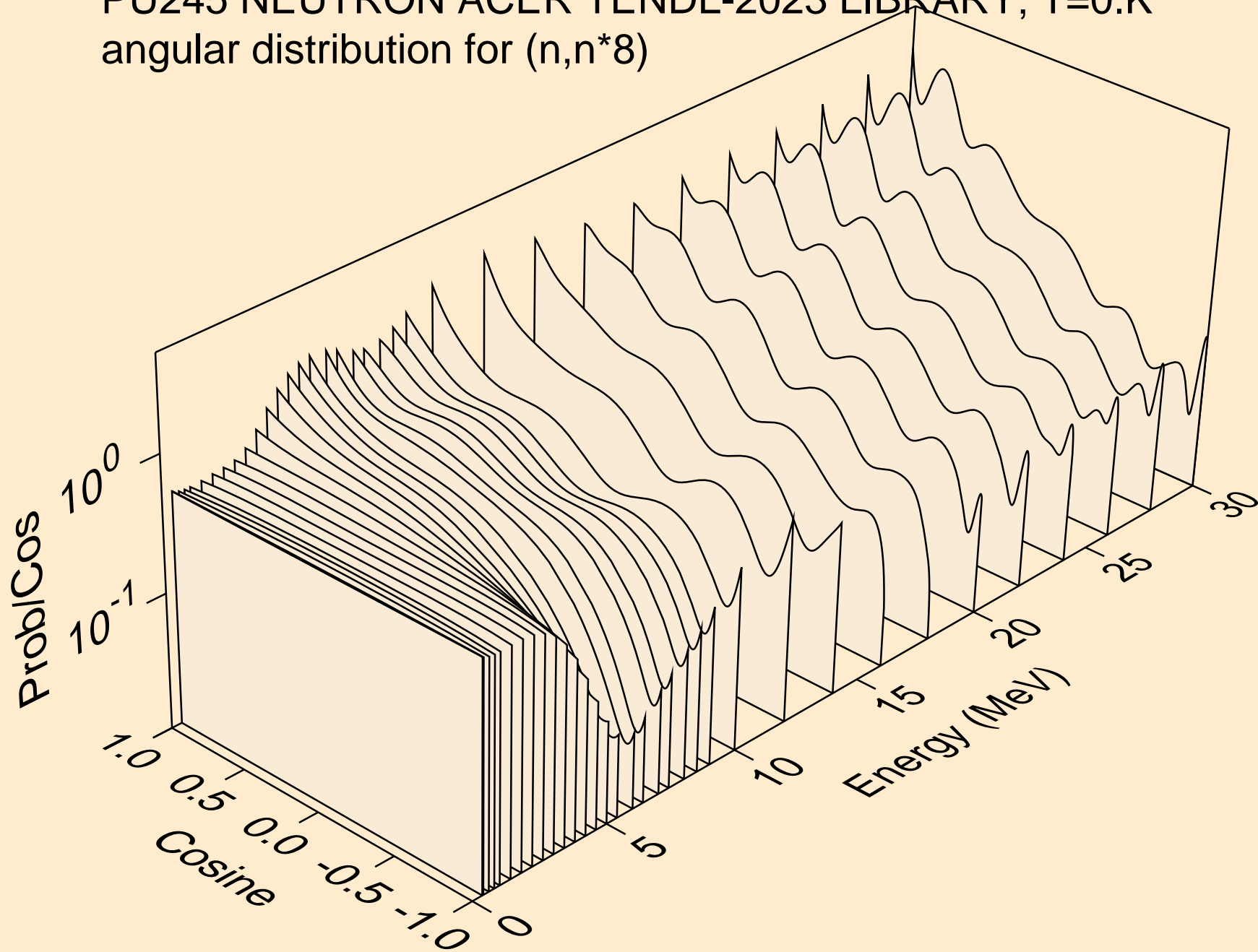
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

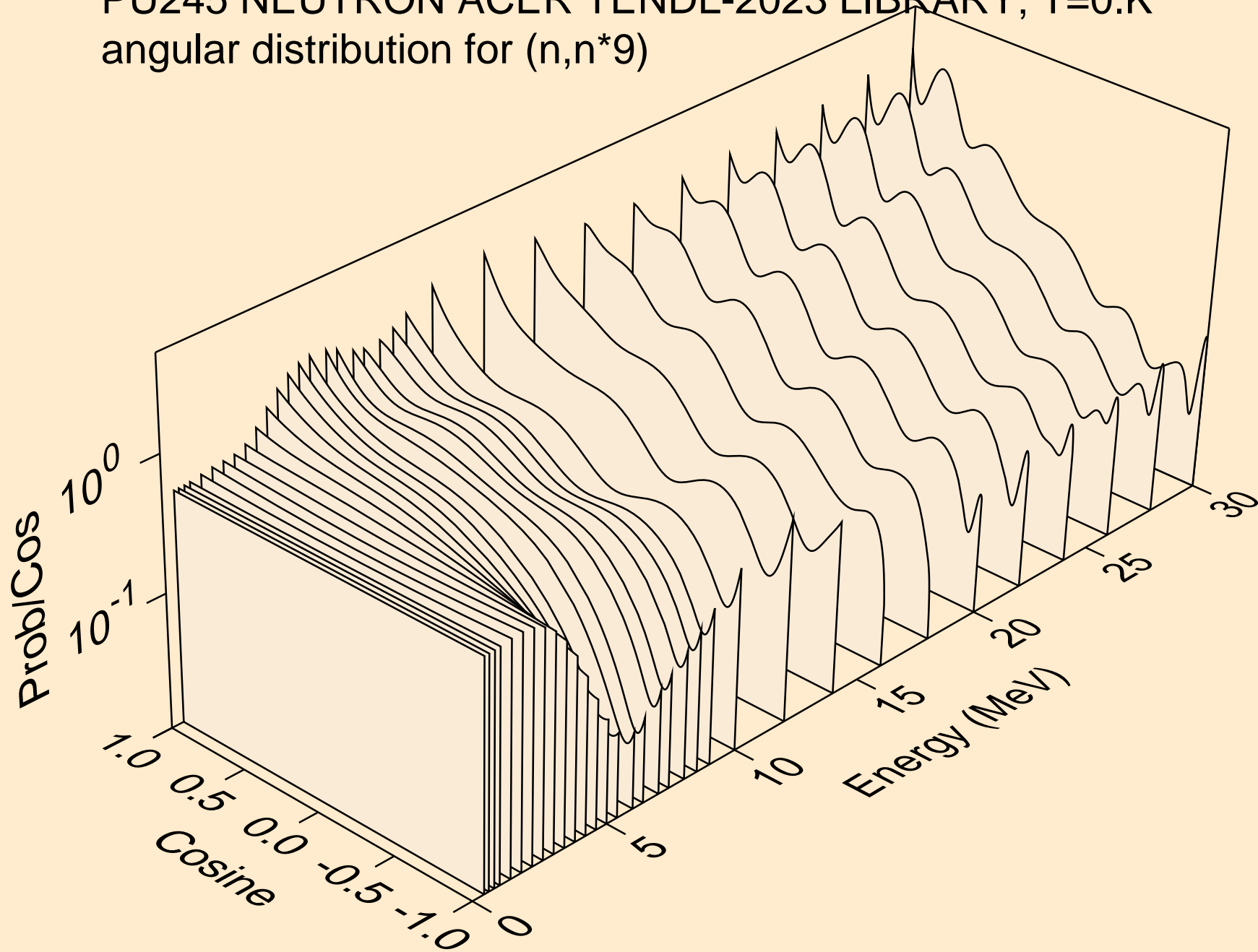


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angular distribution for (n,n\*8)

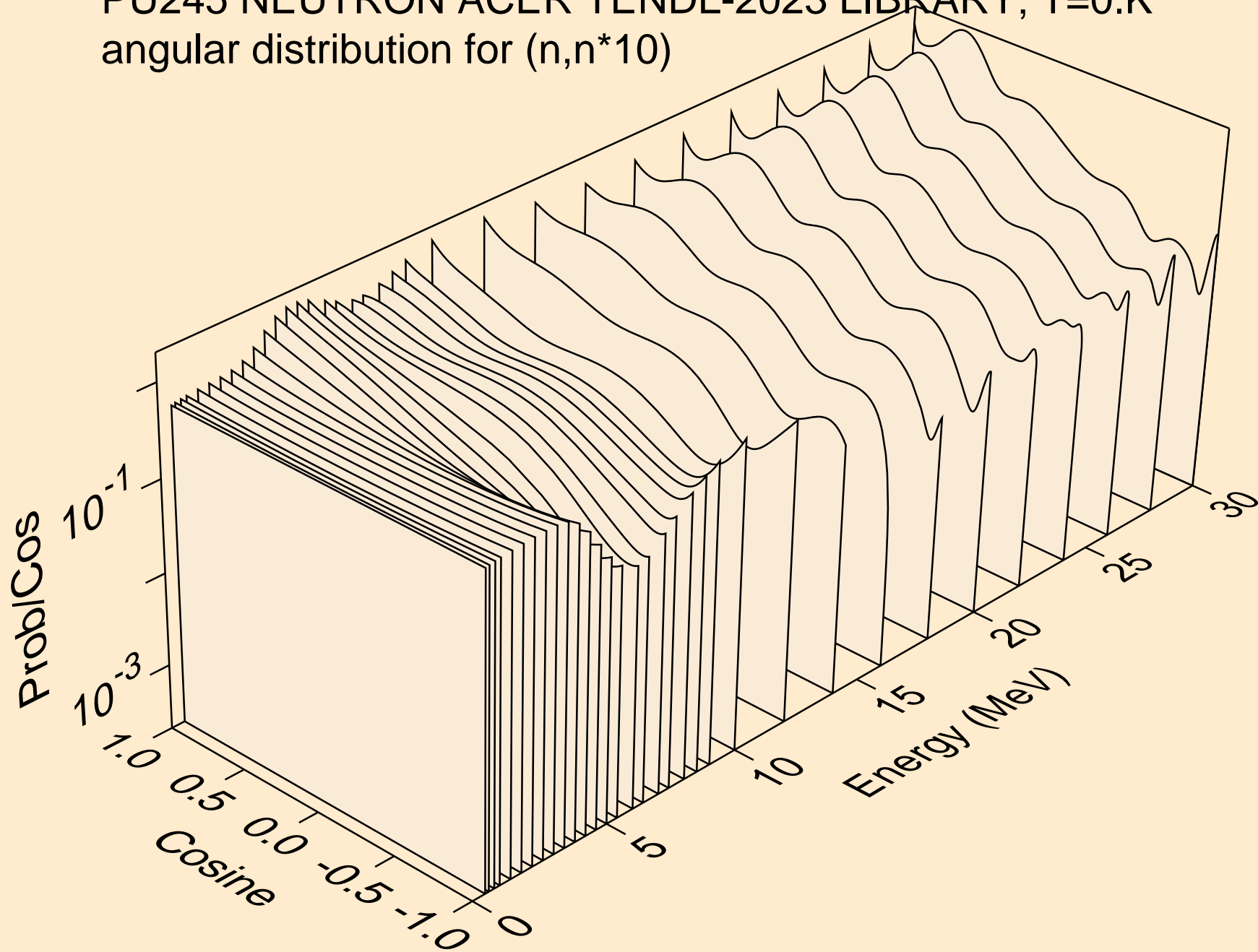




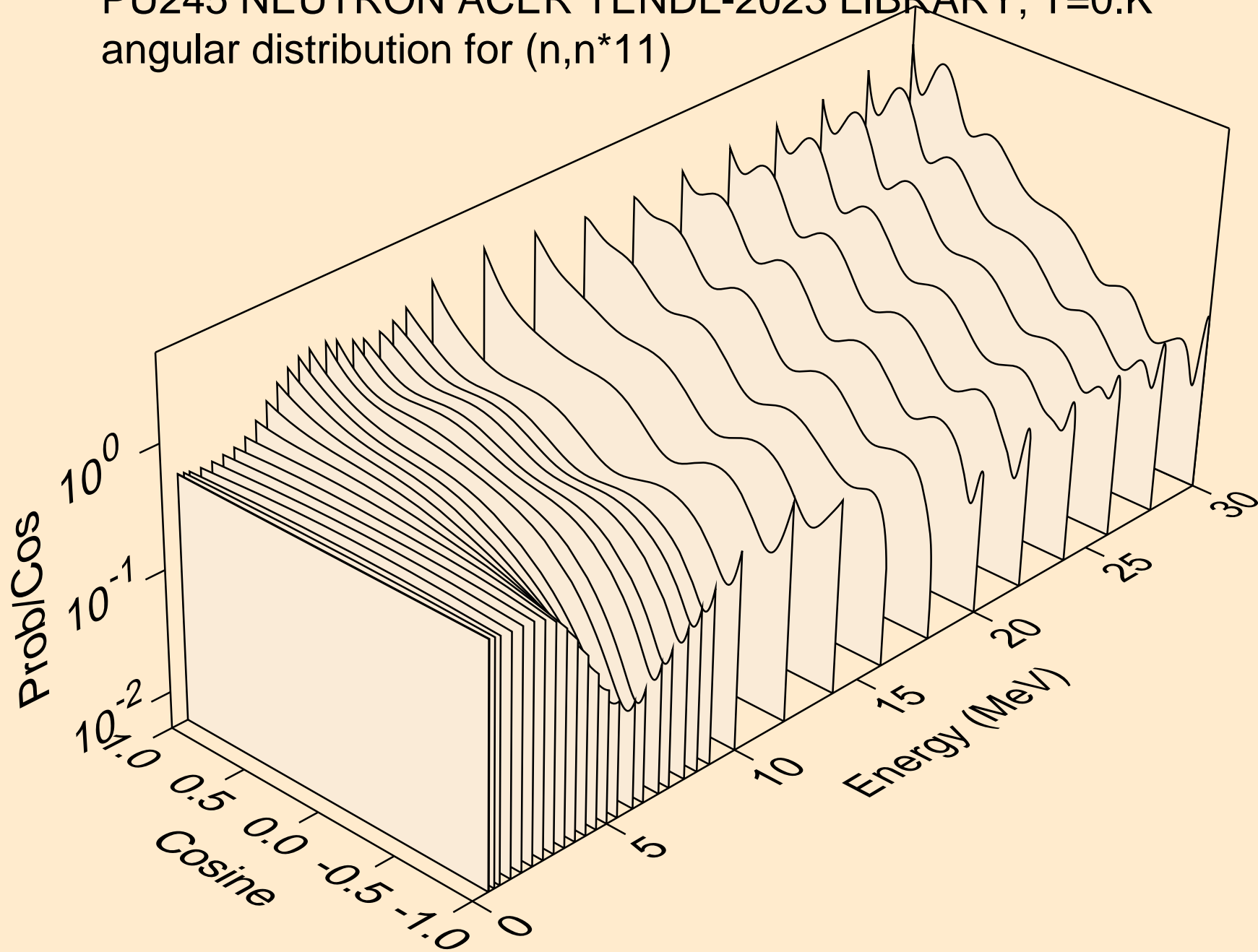
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angular distribution for (n,n\*9)



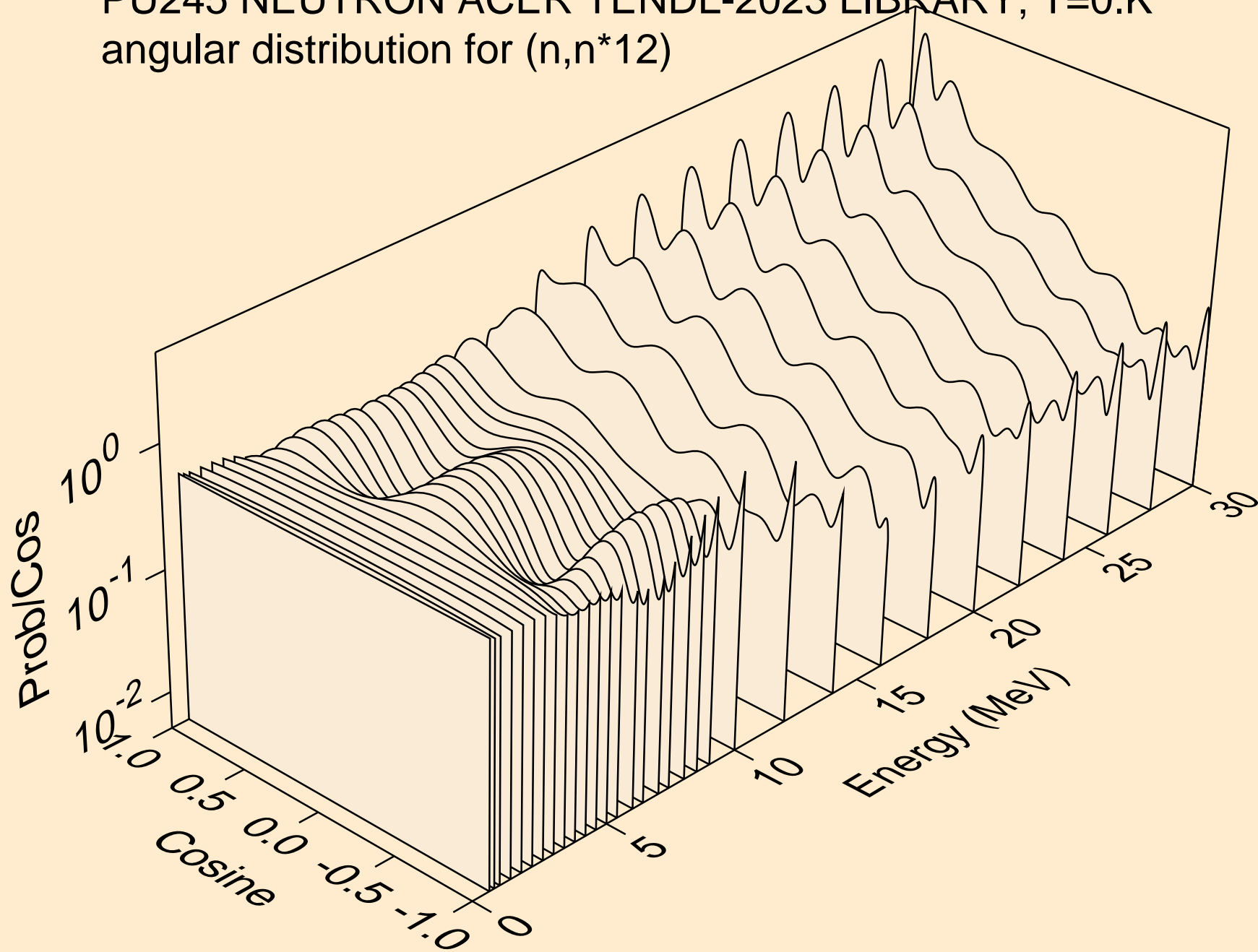
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angular distribution for (n,n\*10)



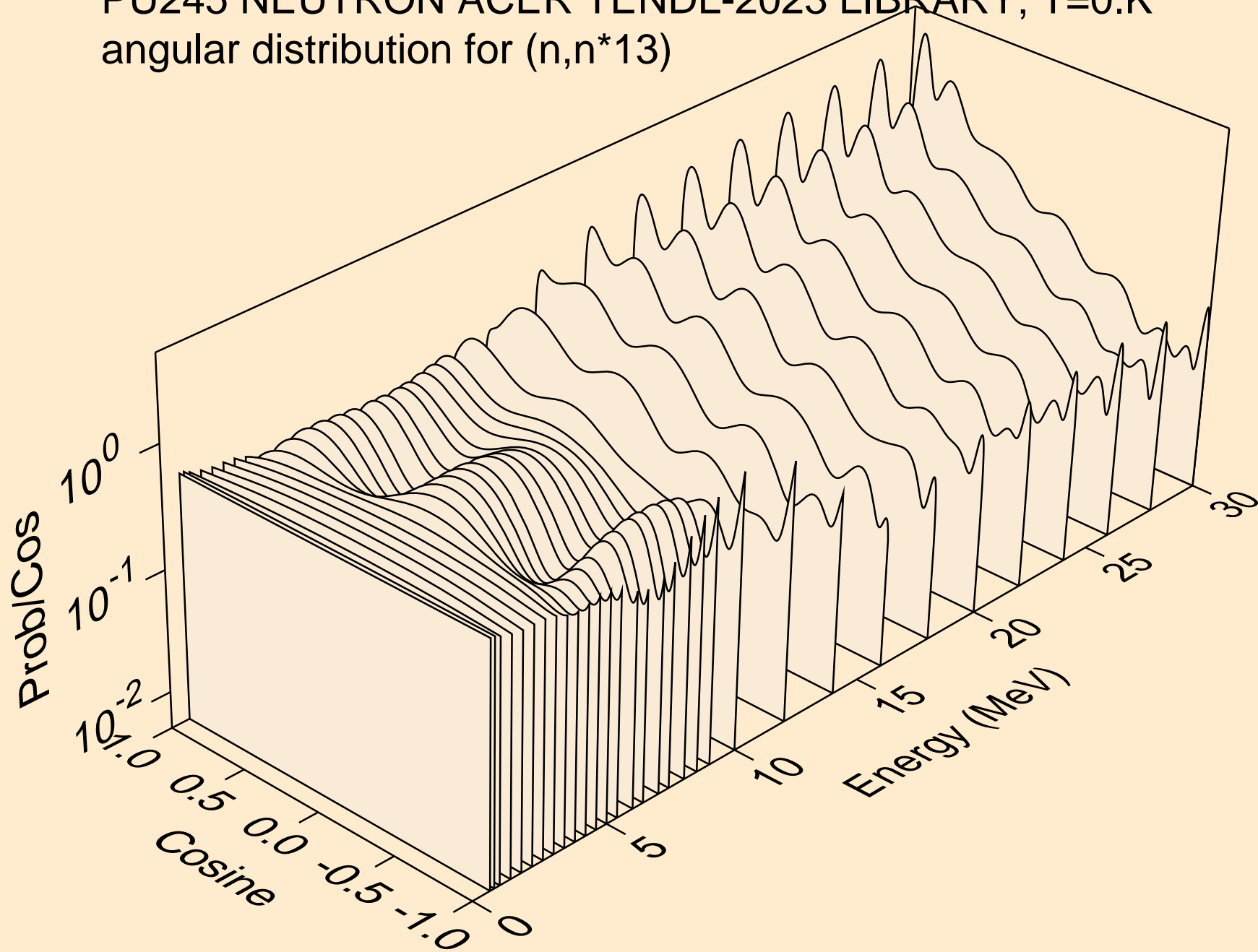
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angular distribution for (n,n\*11)



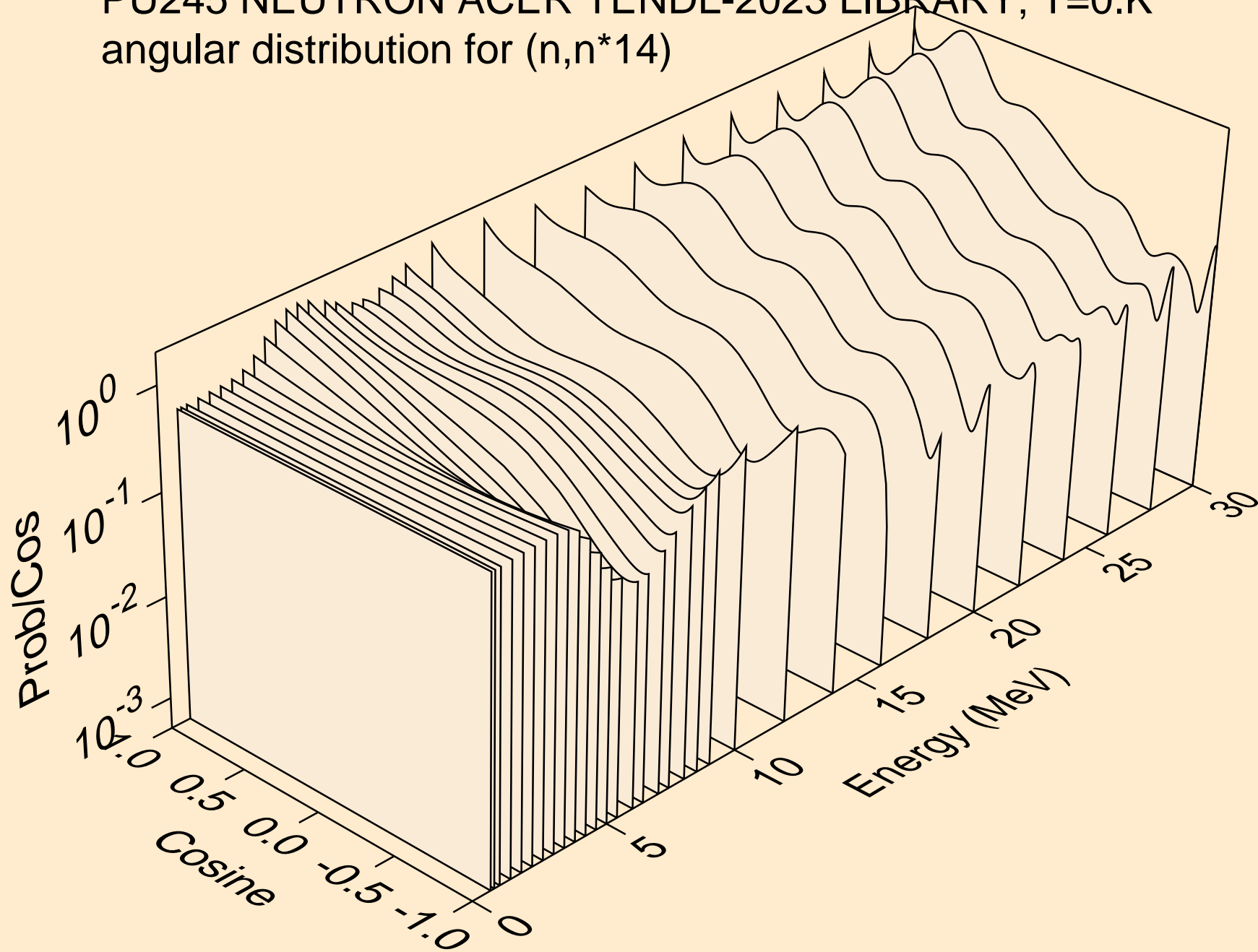
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angular distribution for (n,n\*12)



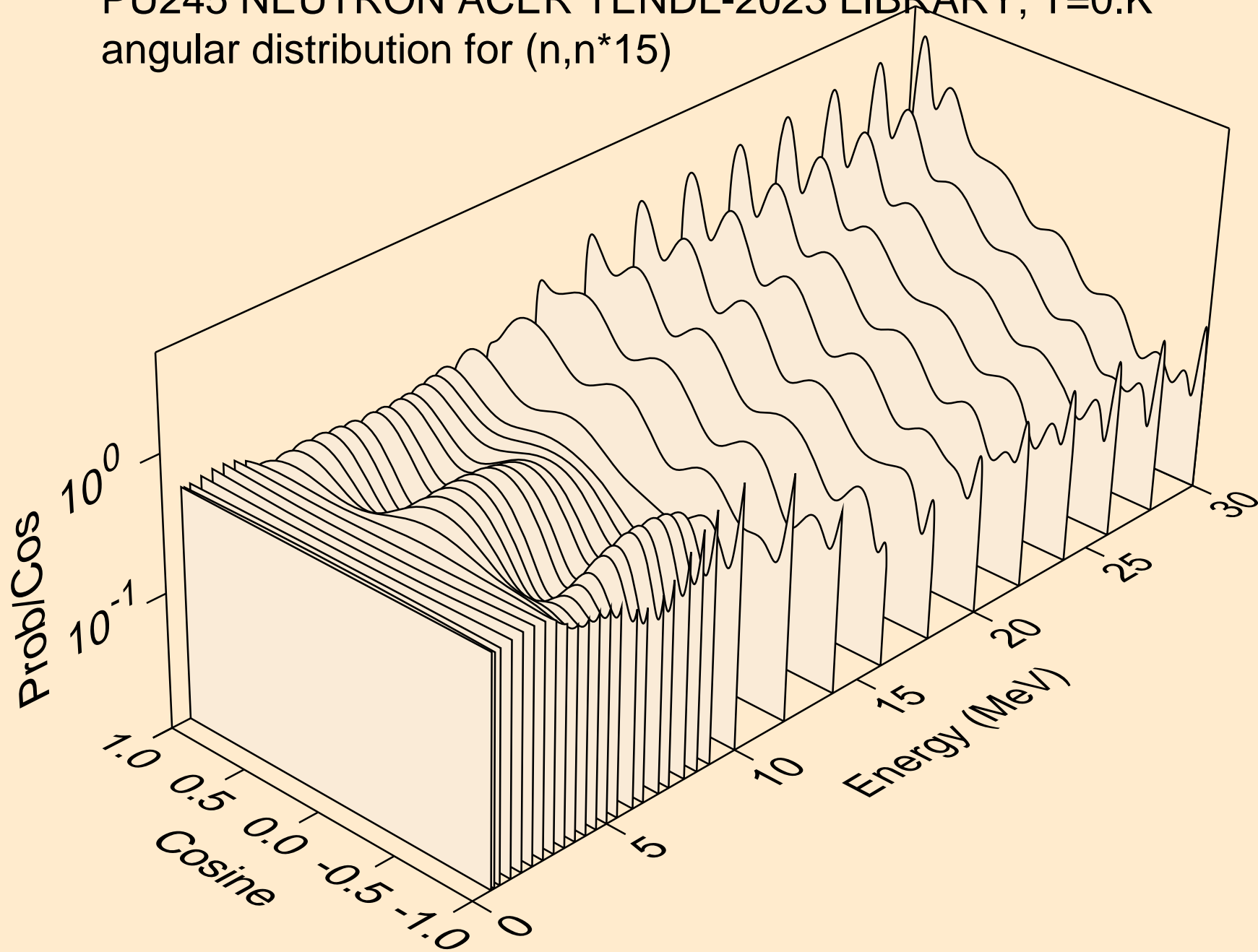
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angular distribution for (n,n\*13)



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

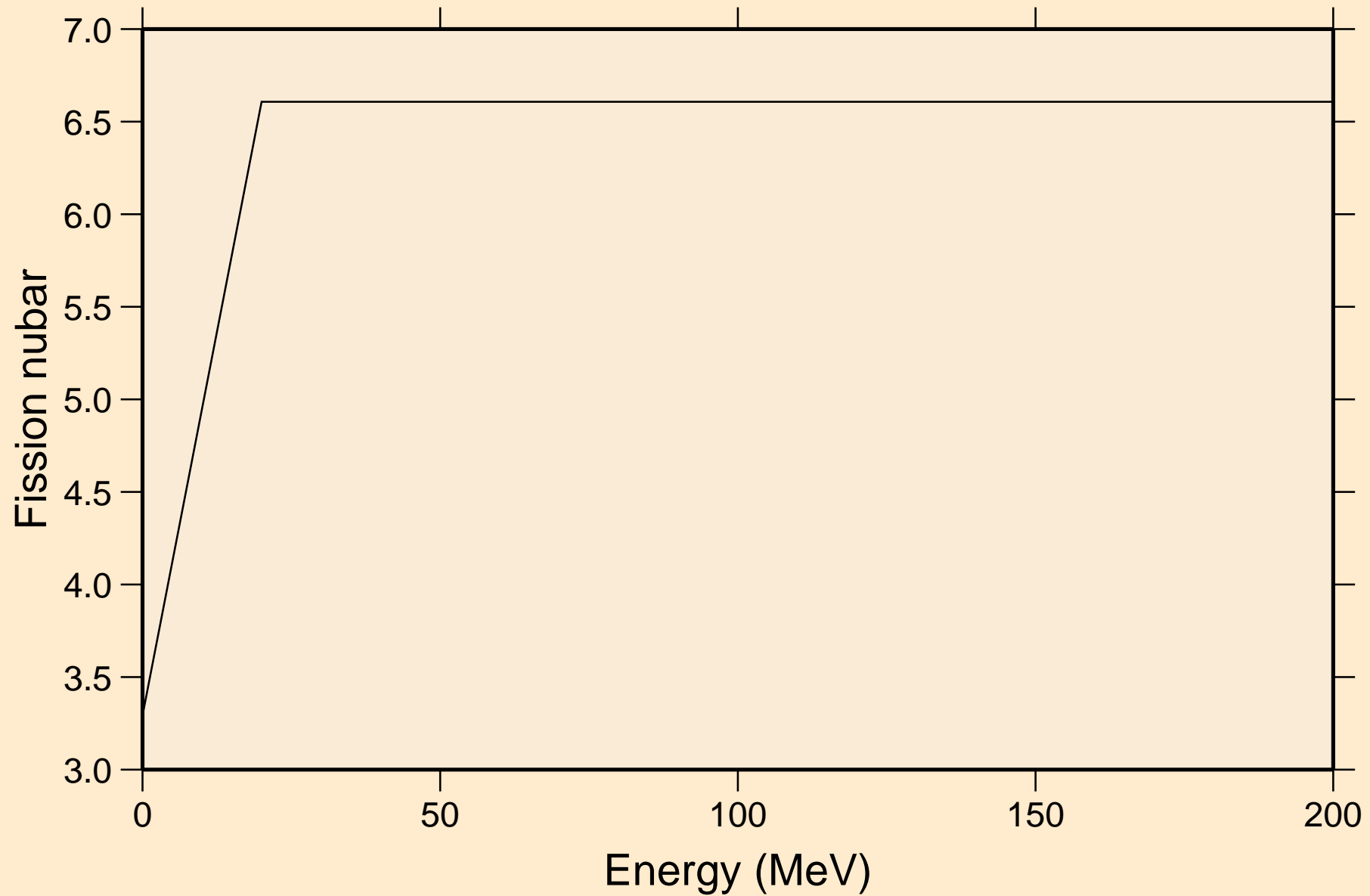


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



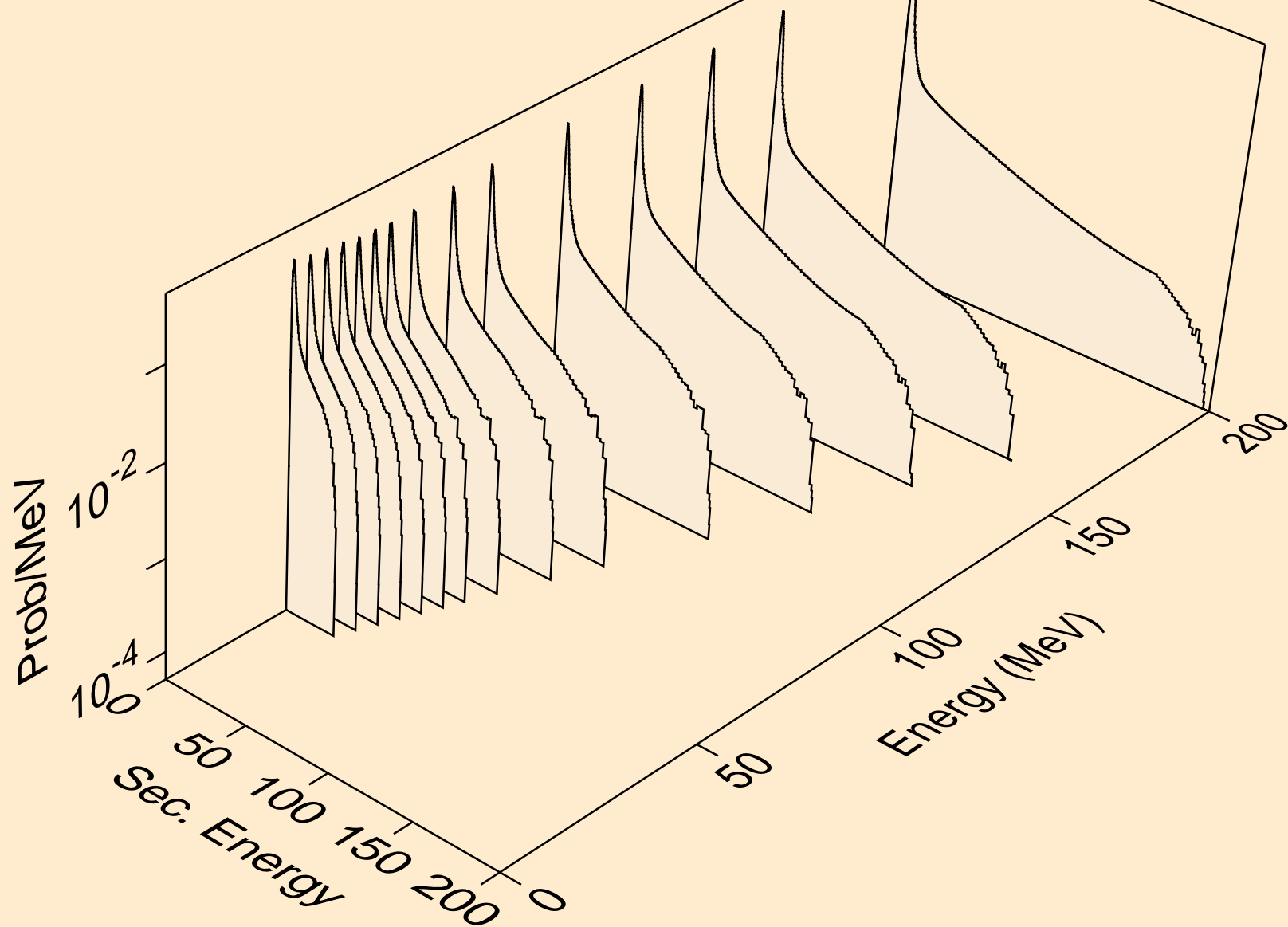
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Total fission nubar

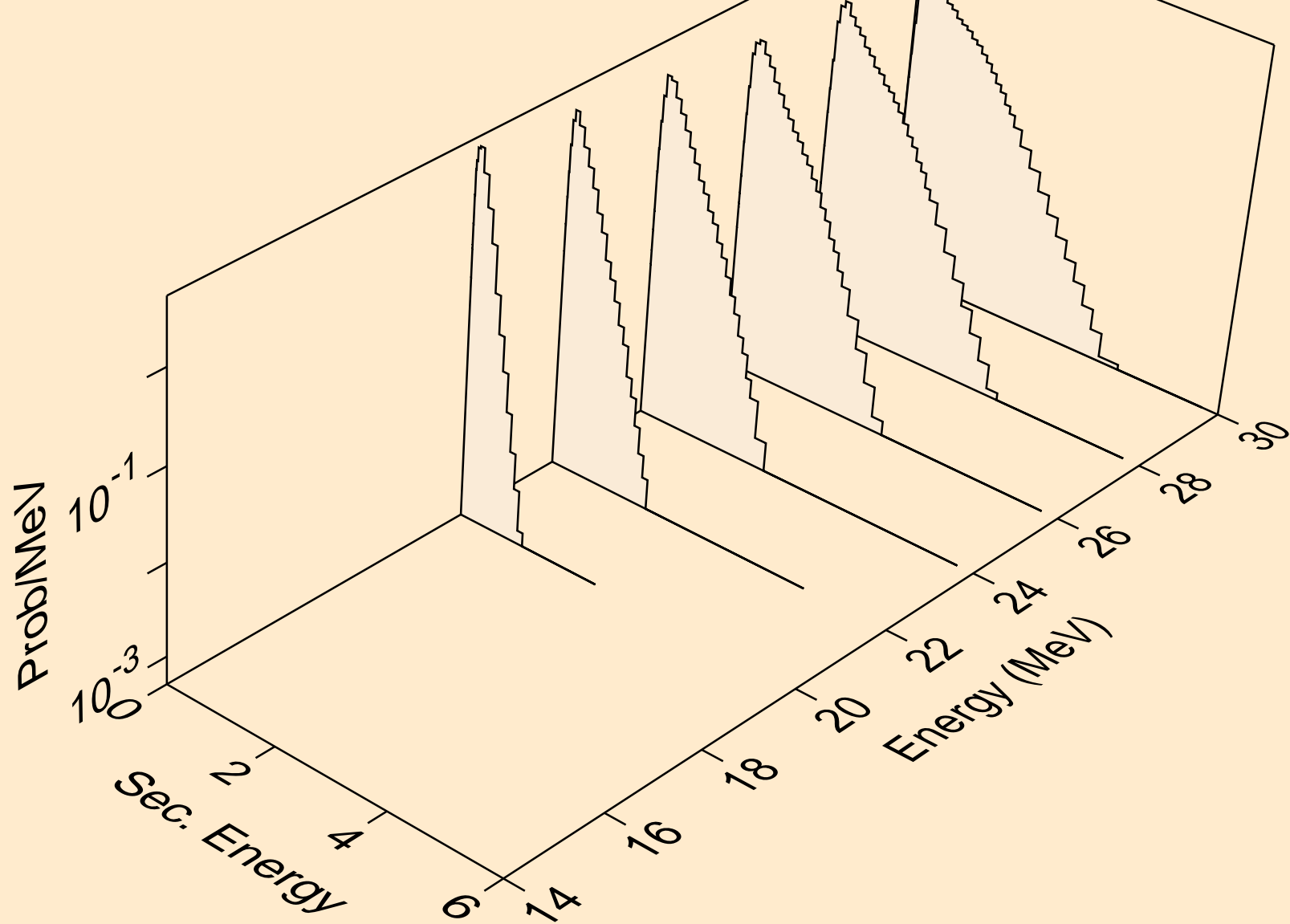




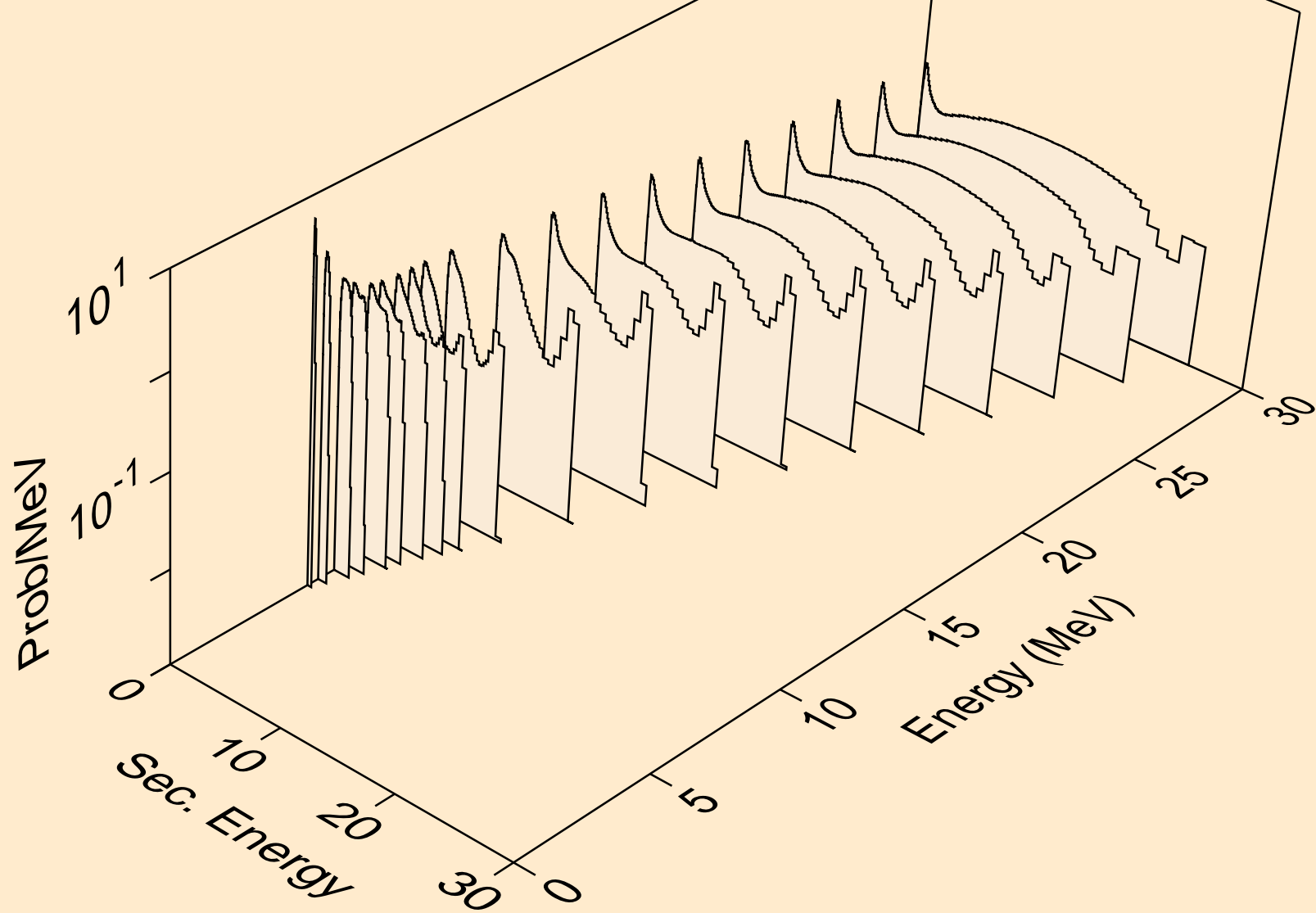
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Neutron emission for (n,x)



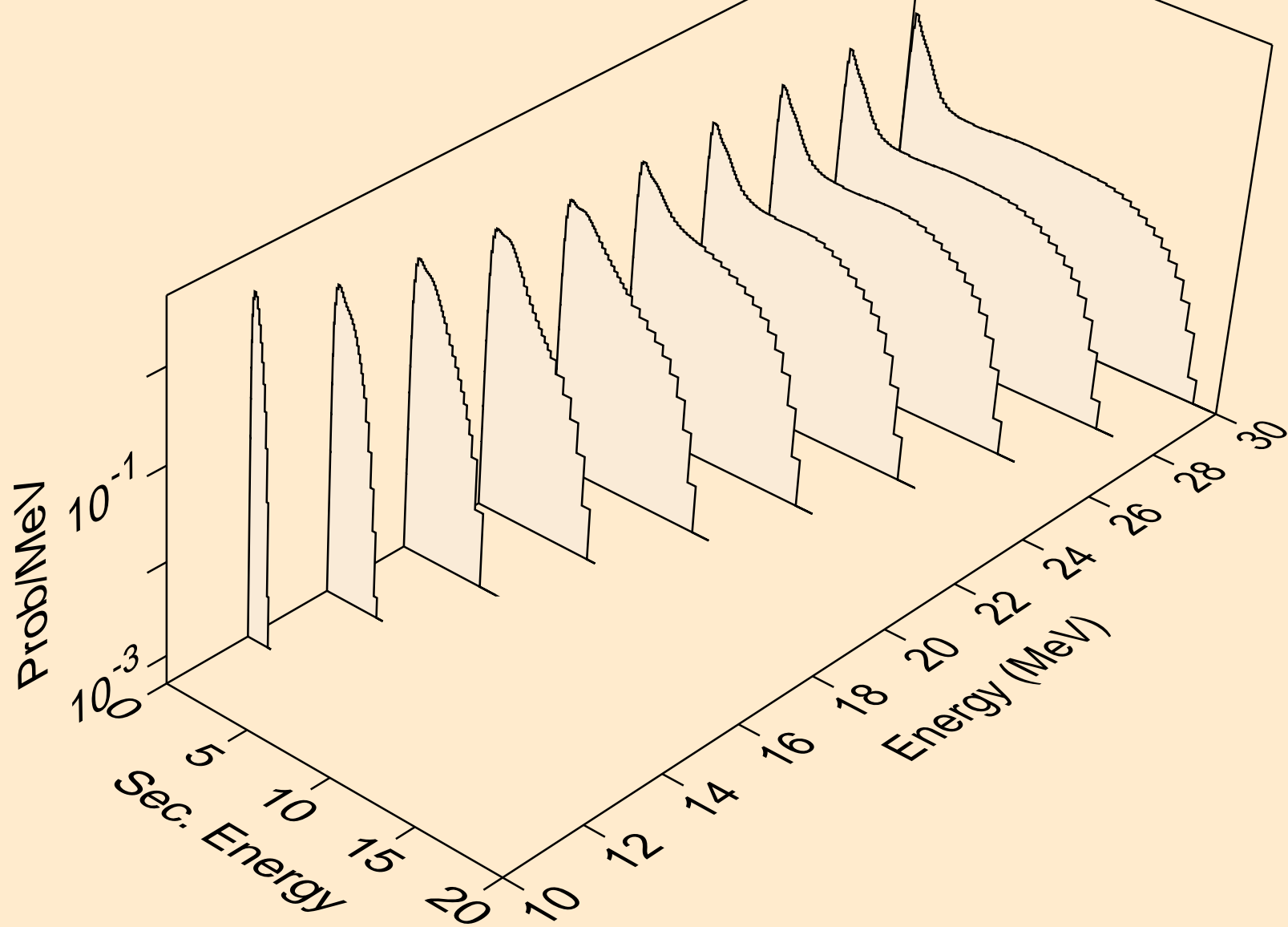
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



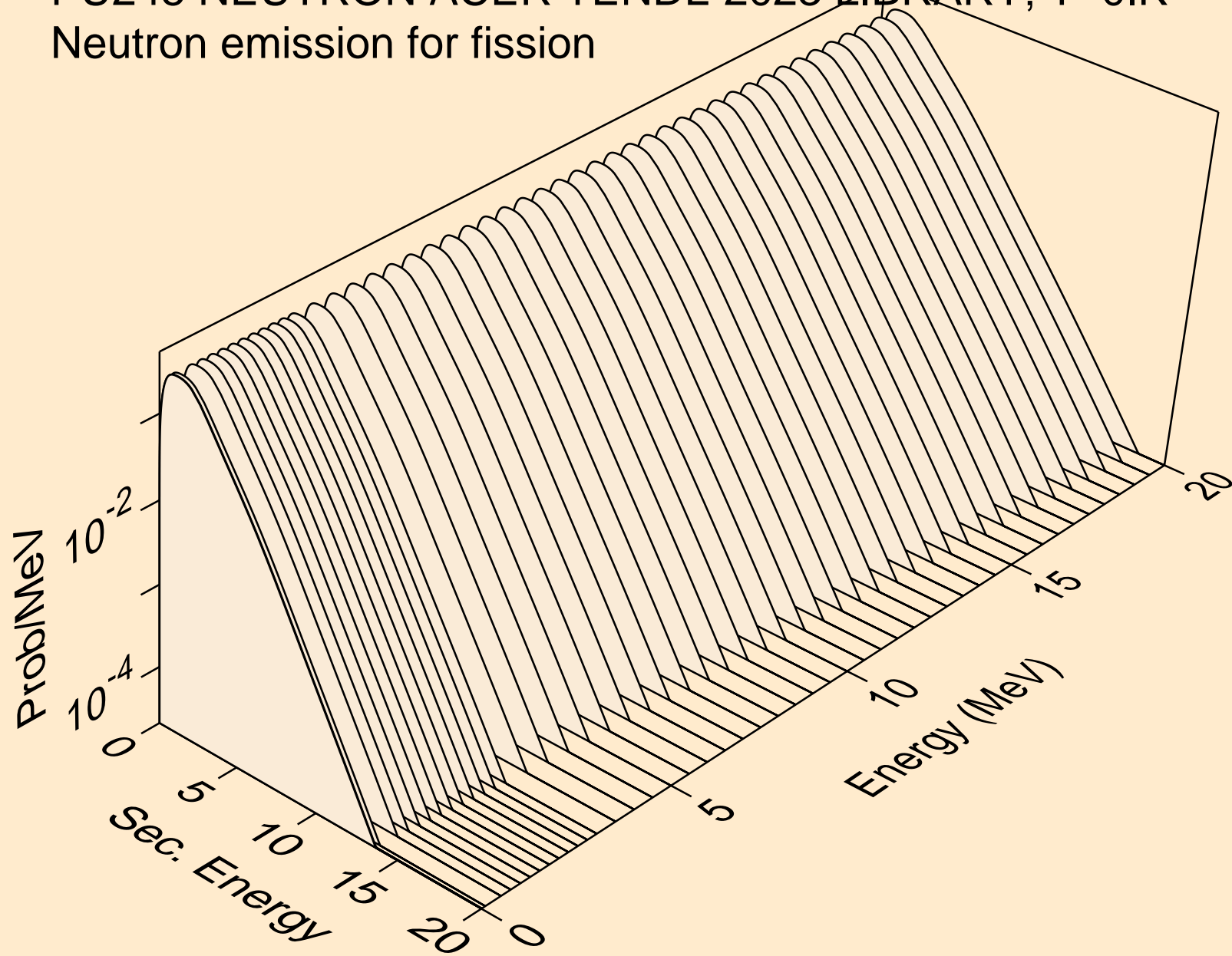
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Neutron emission for (n,2n)



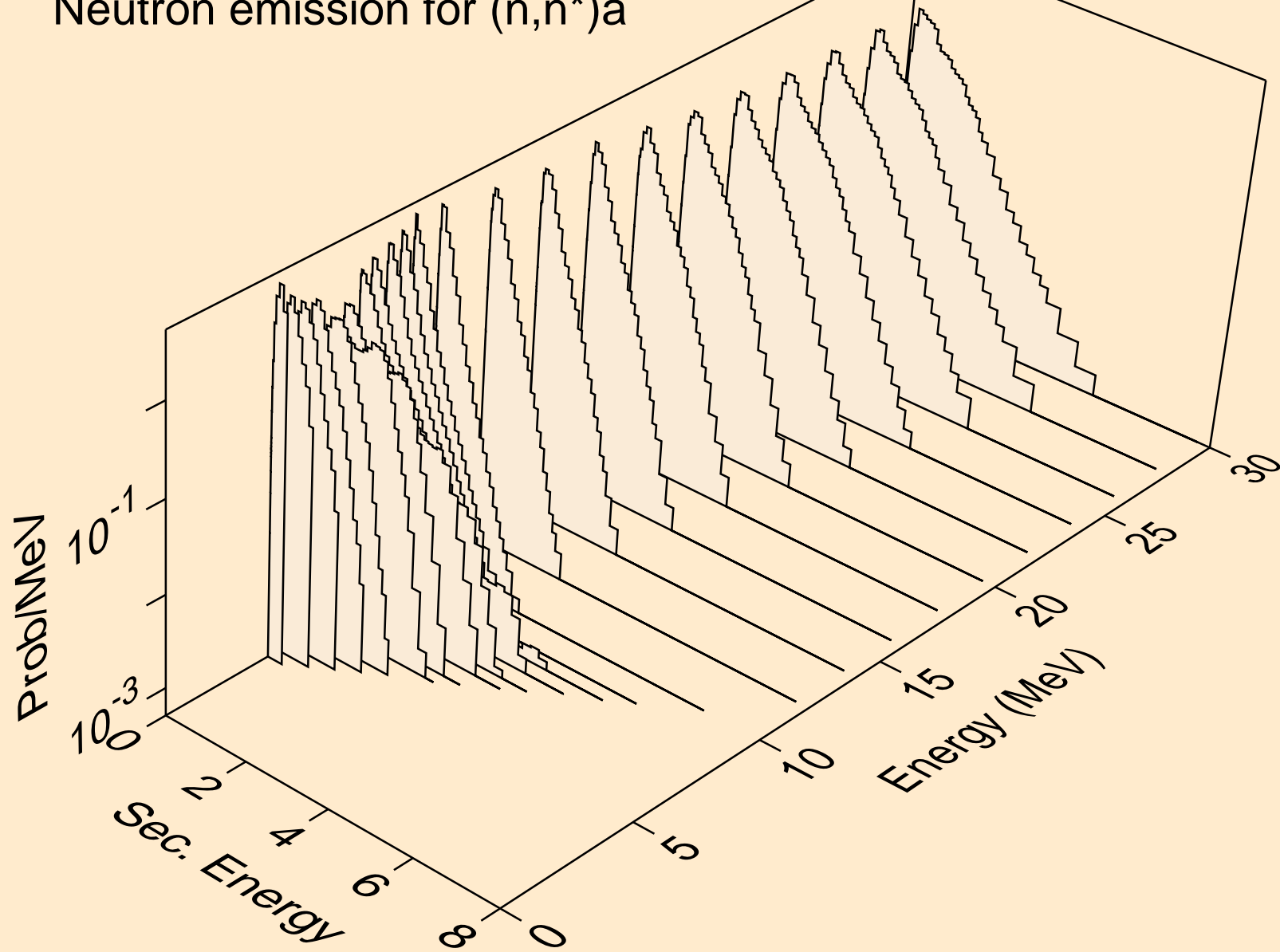
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Neutron emission for (n,3n)



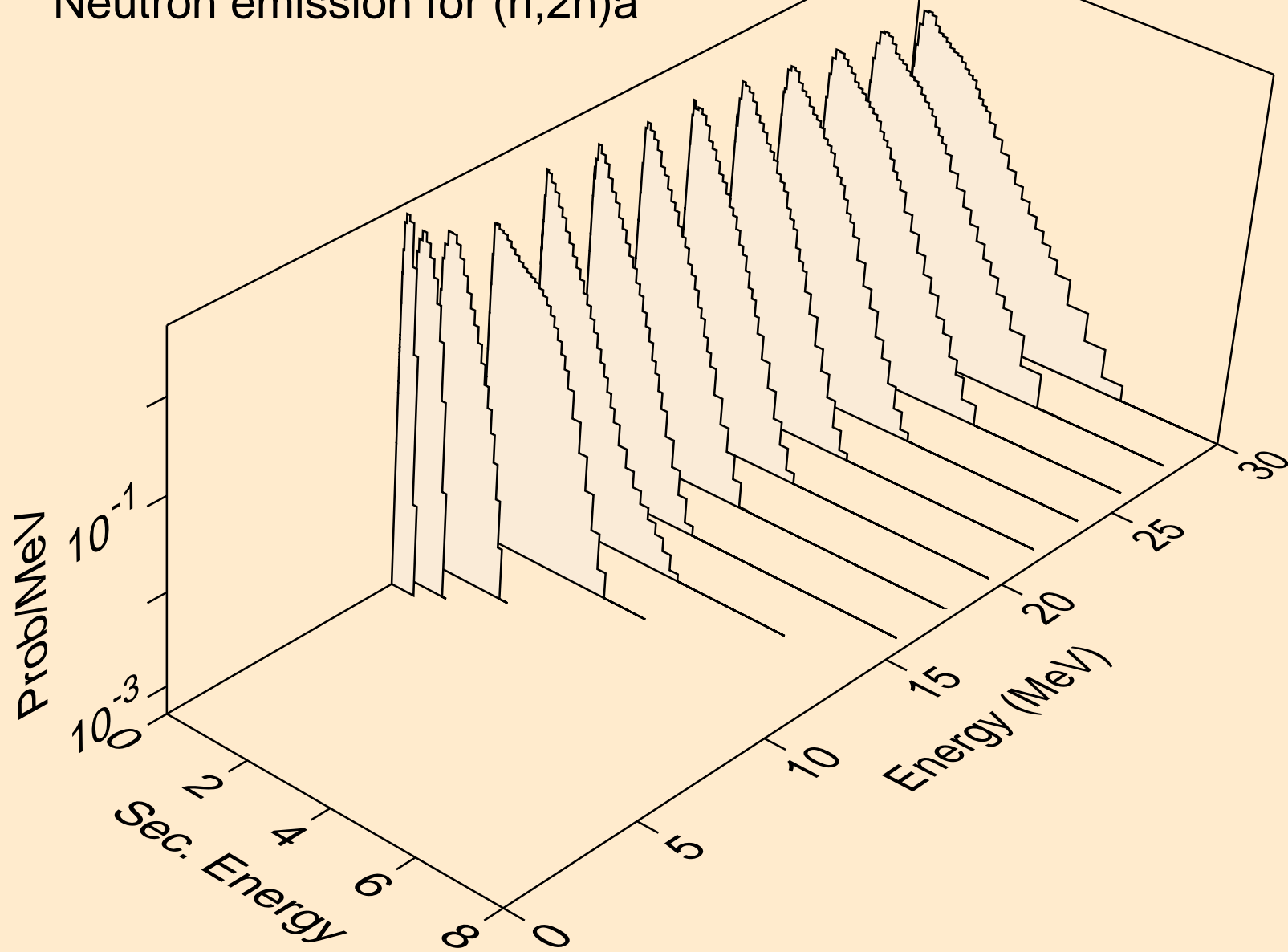
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Neutron emission for fission



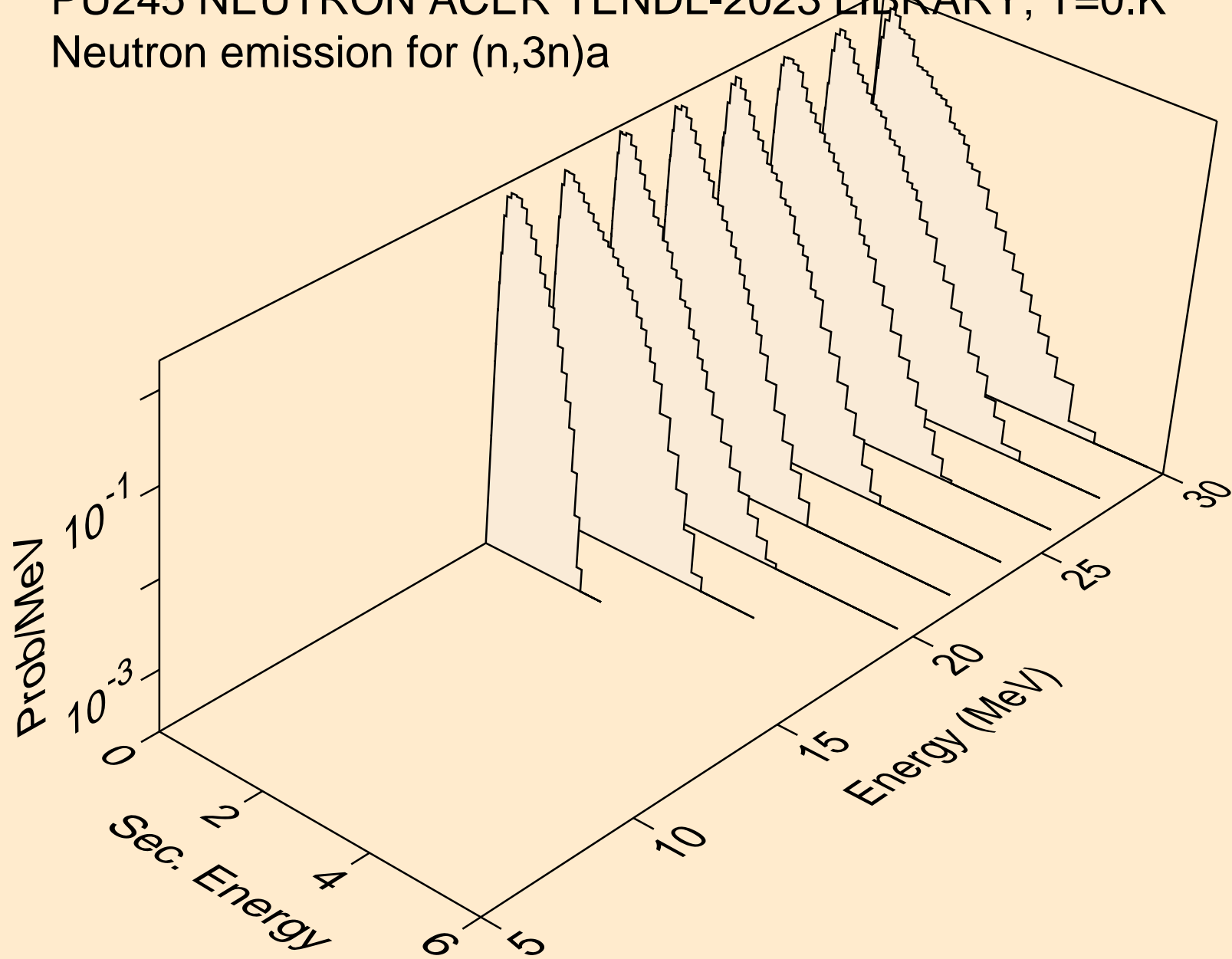
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

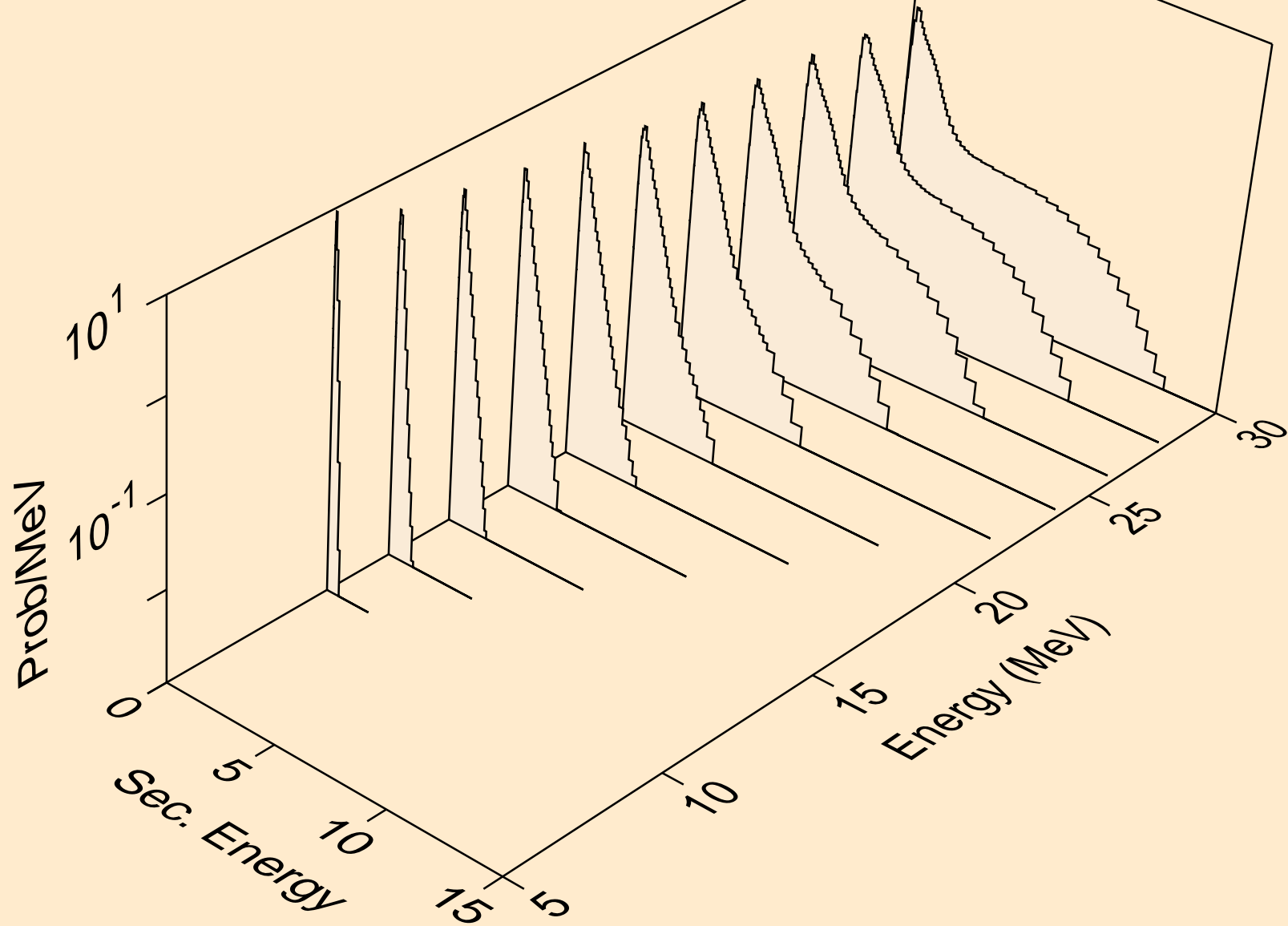


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

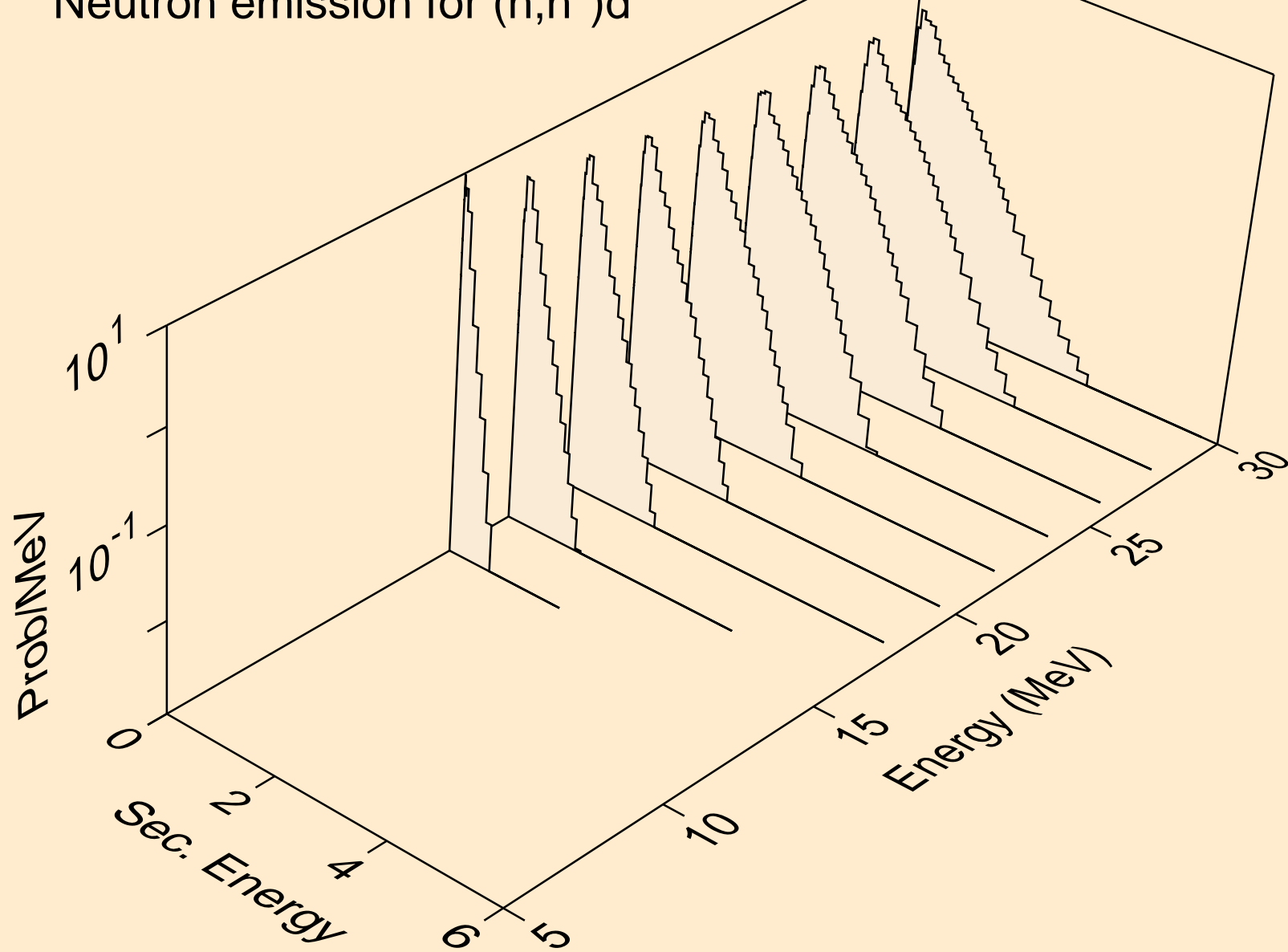




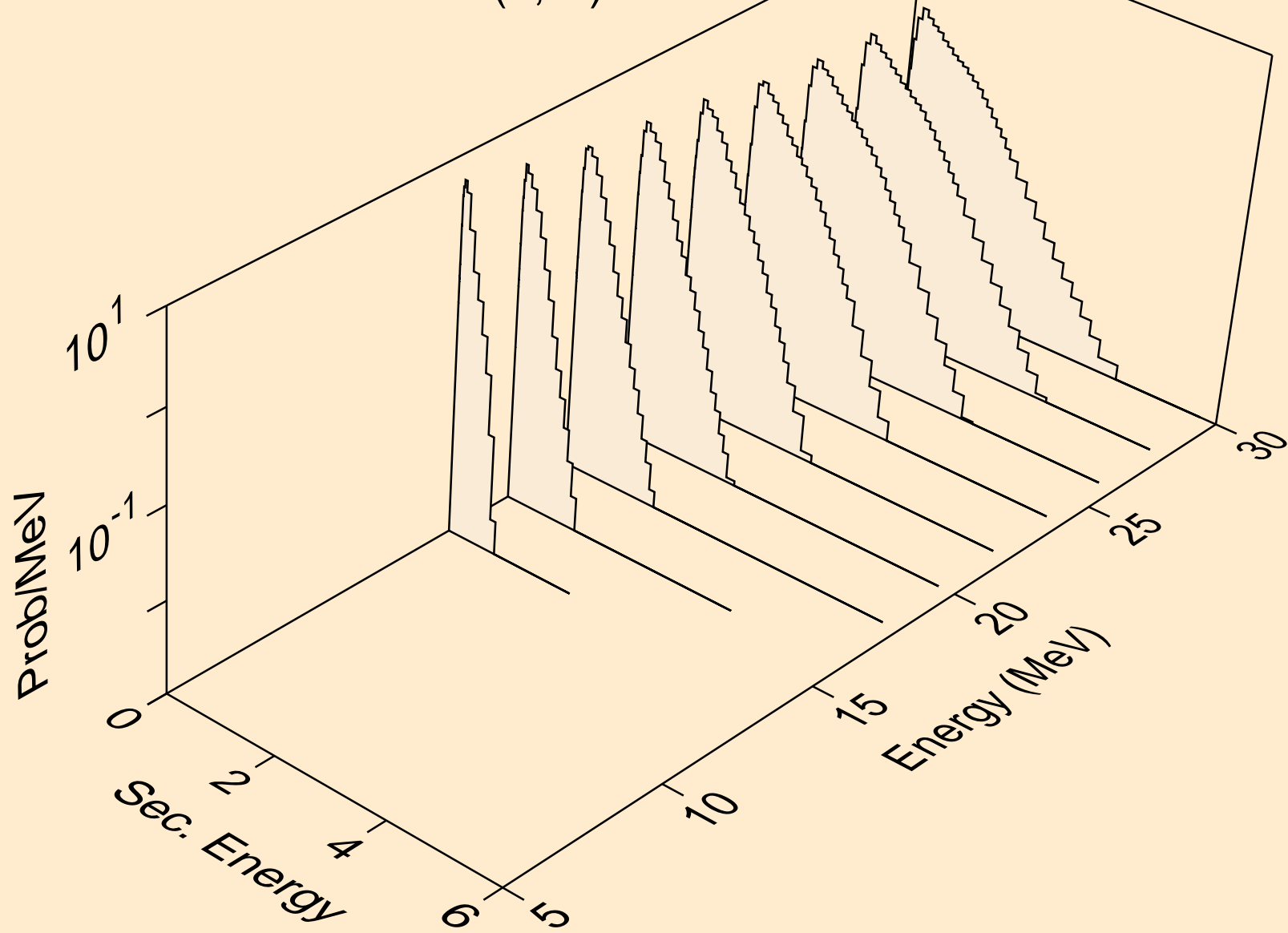
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



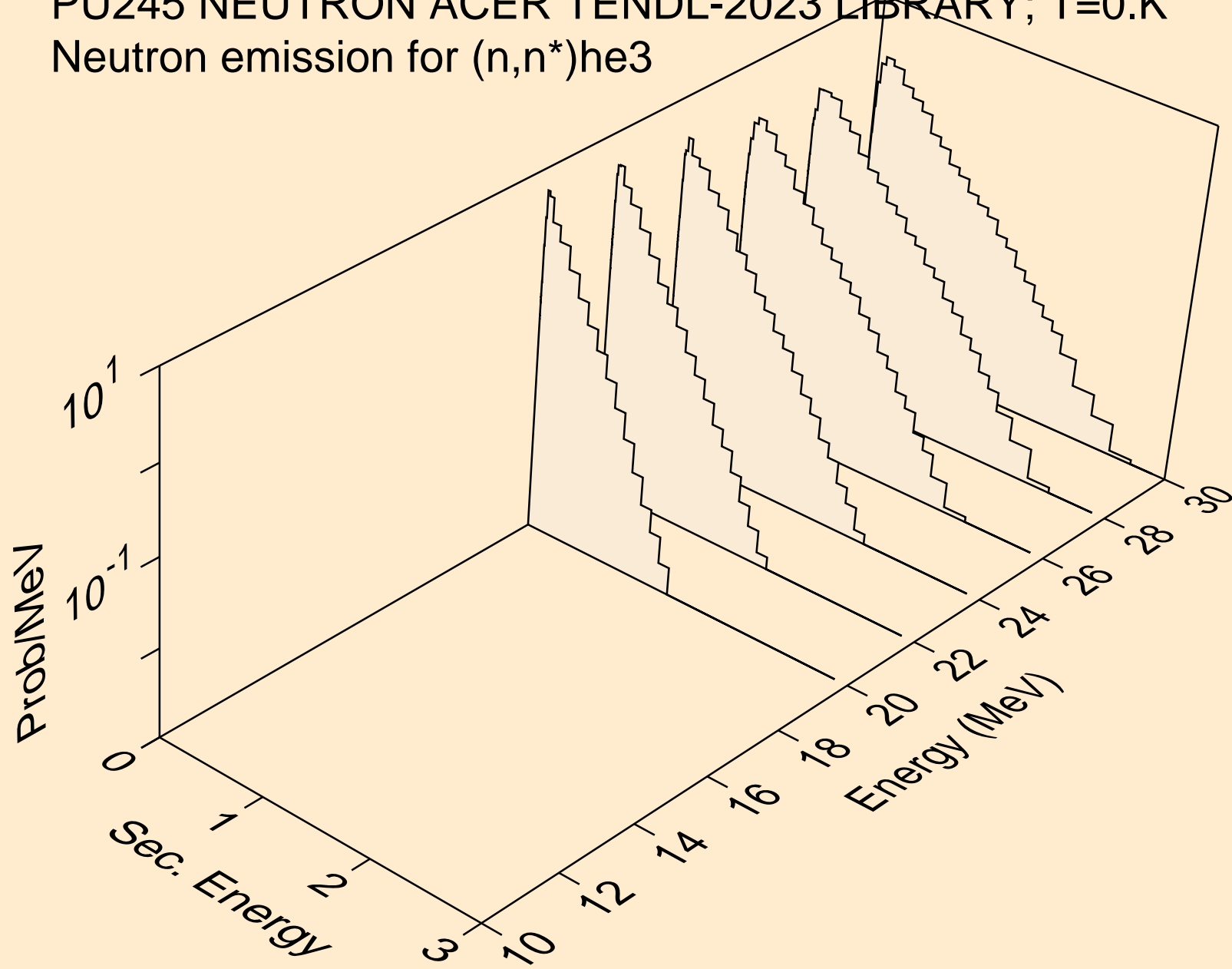
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Neutron emission for (n,n\*)d



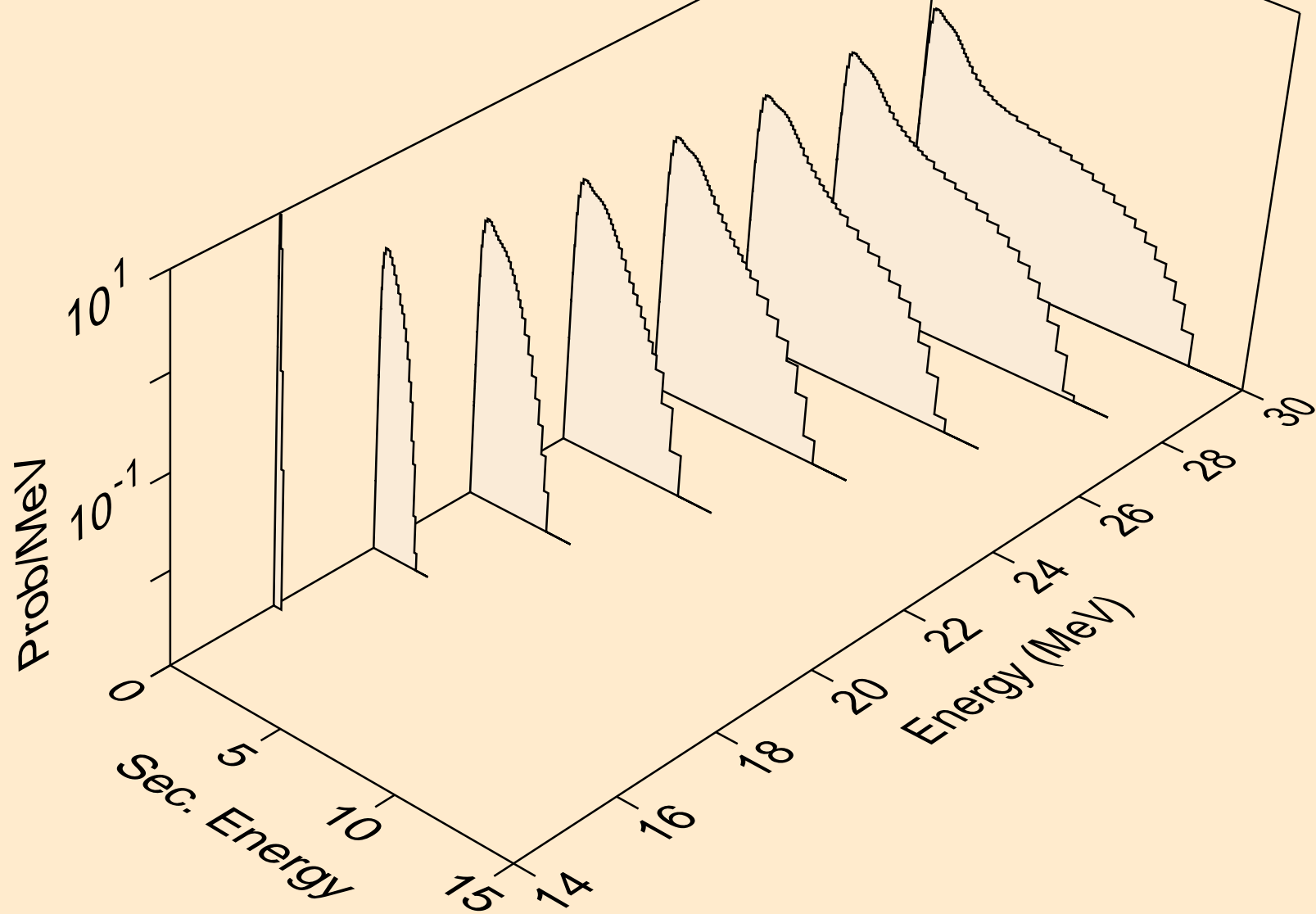
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Neutron emission for (n,n\*)t



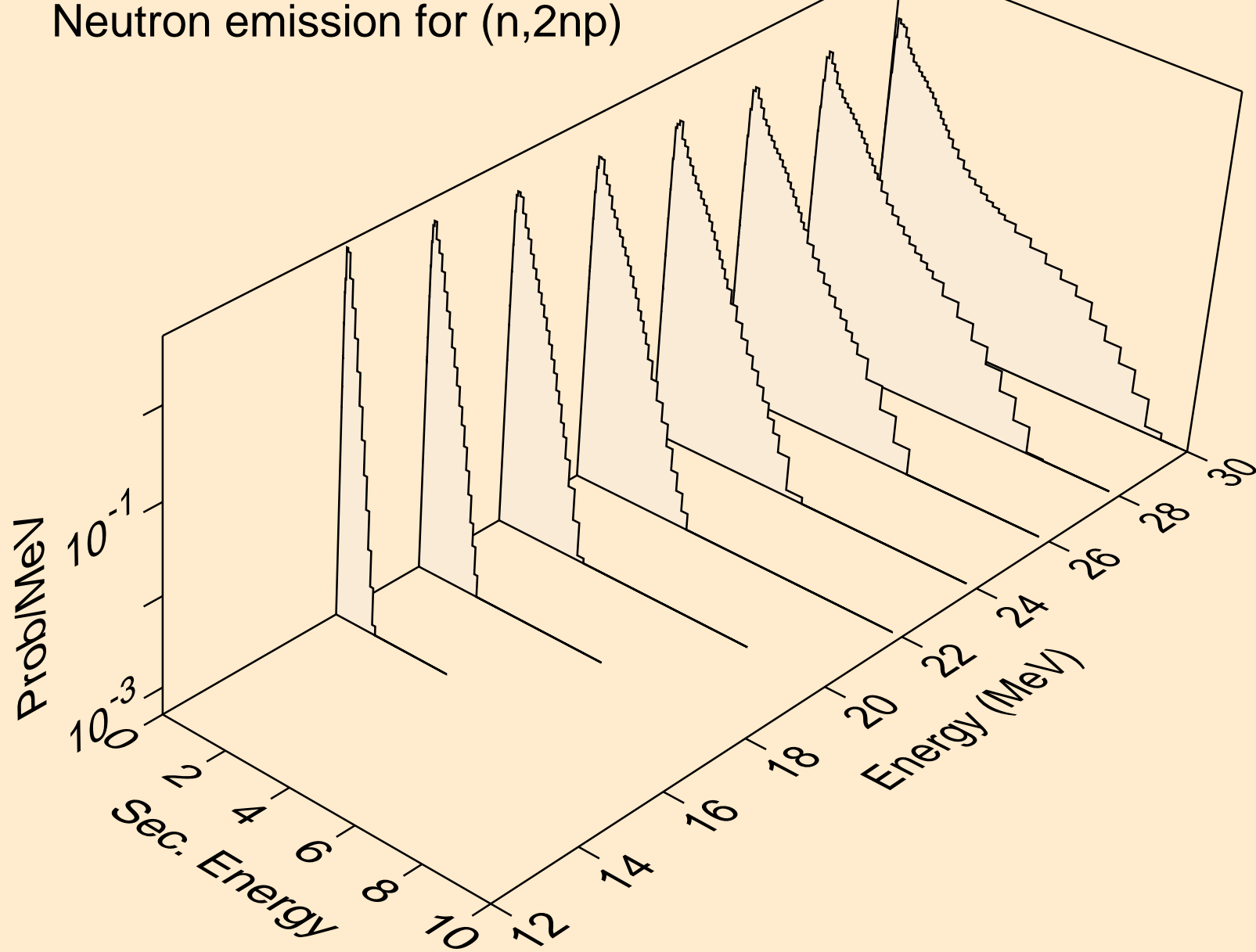
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Neutron emission for (n,n\*)he3



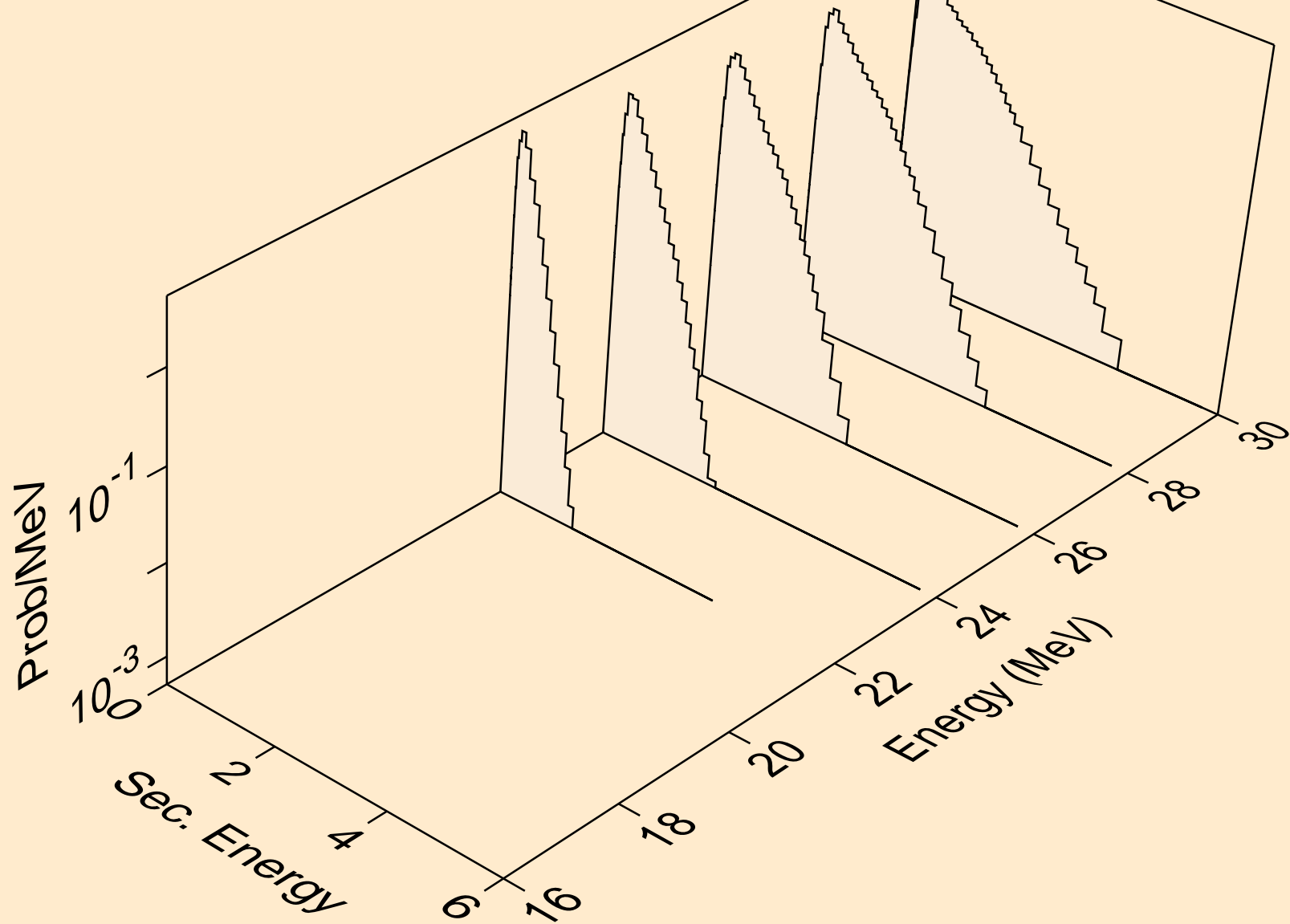
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



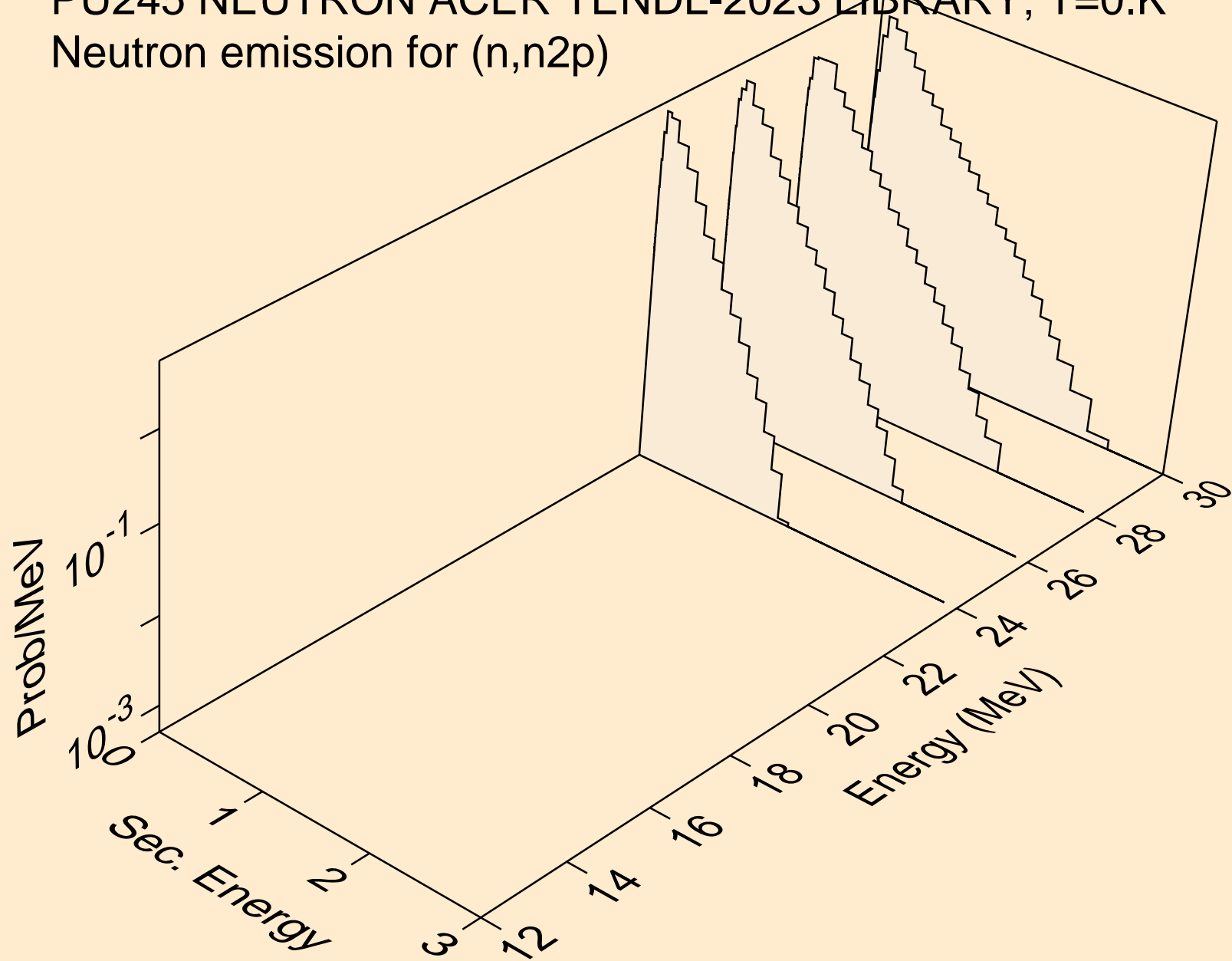
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

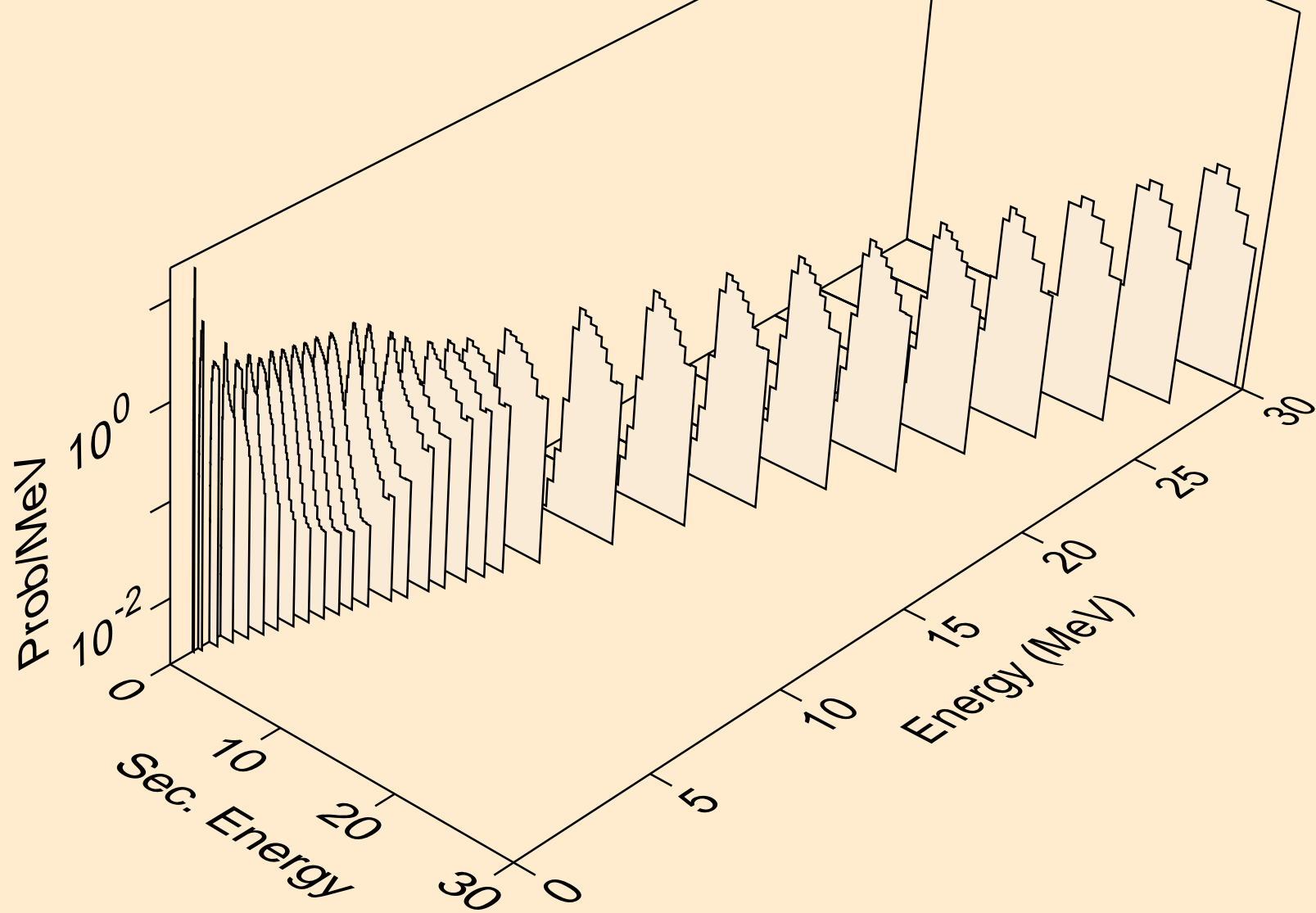


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



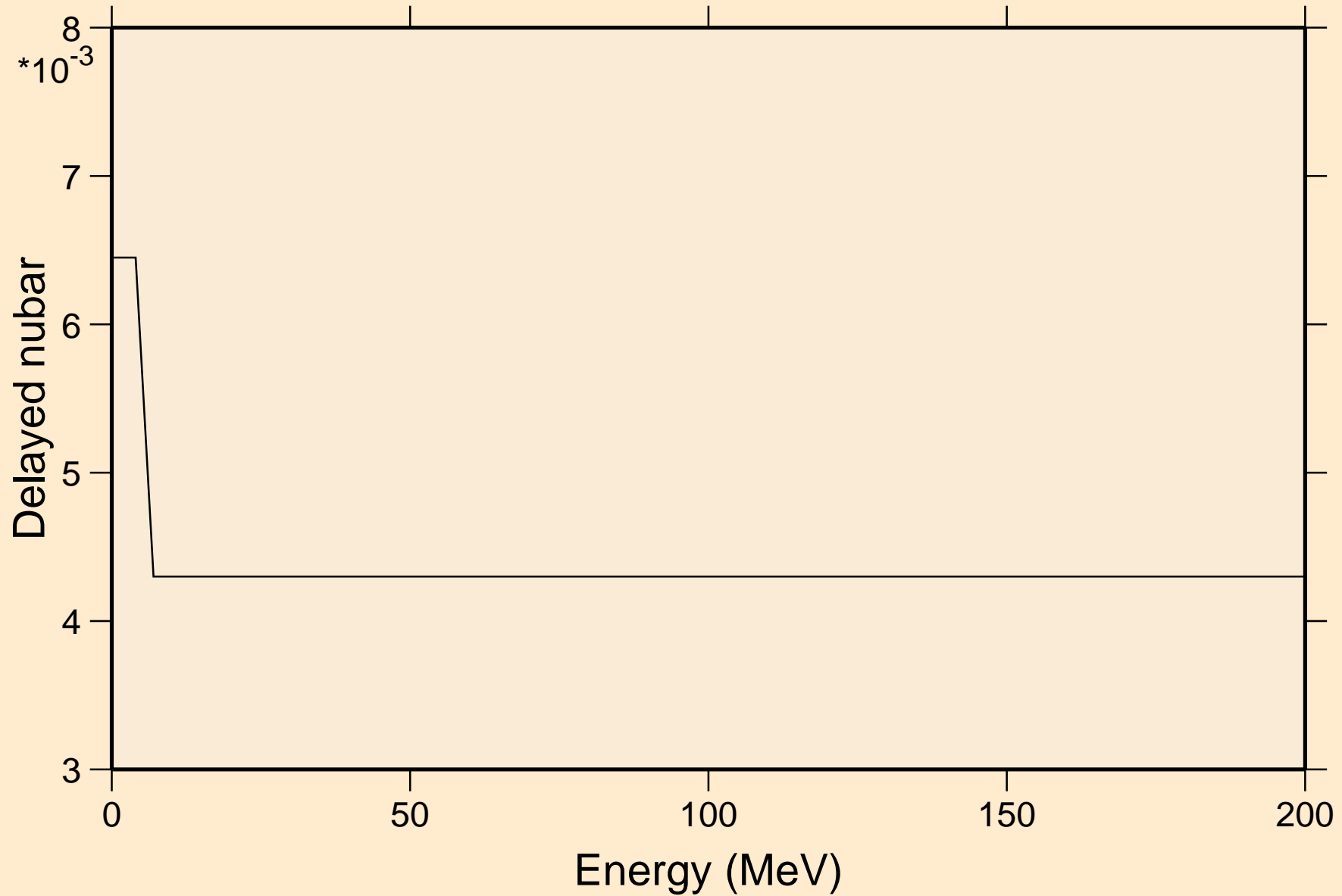


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



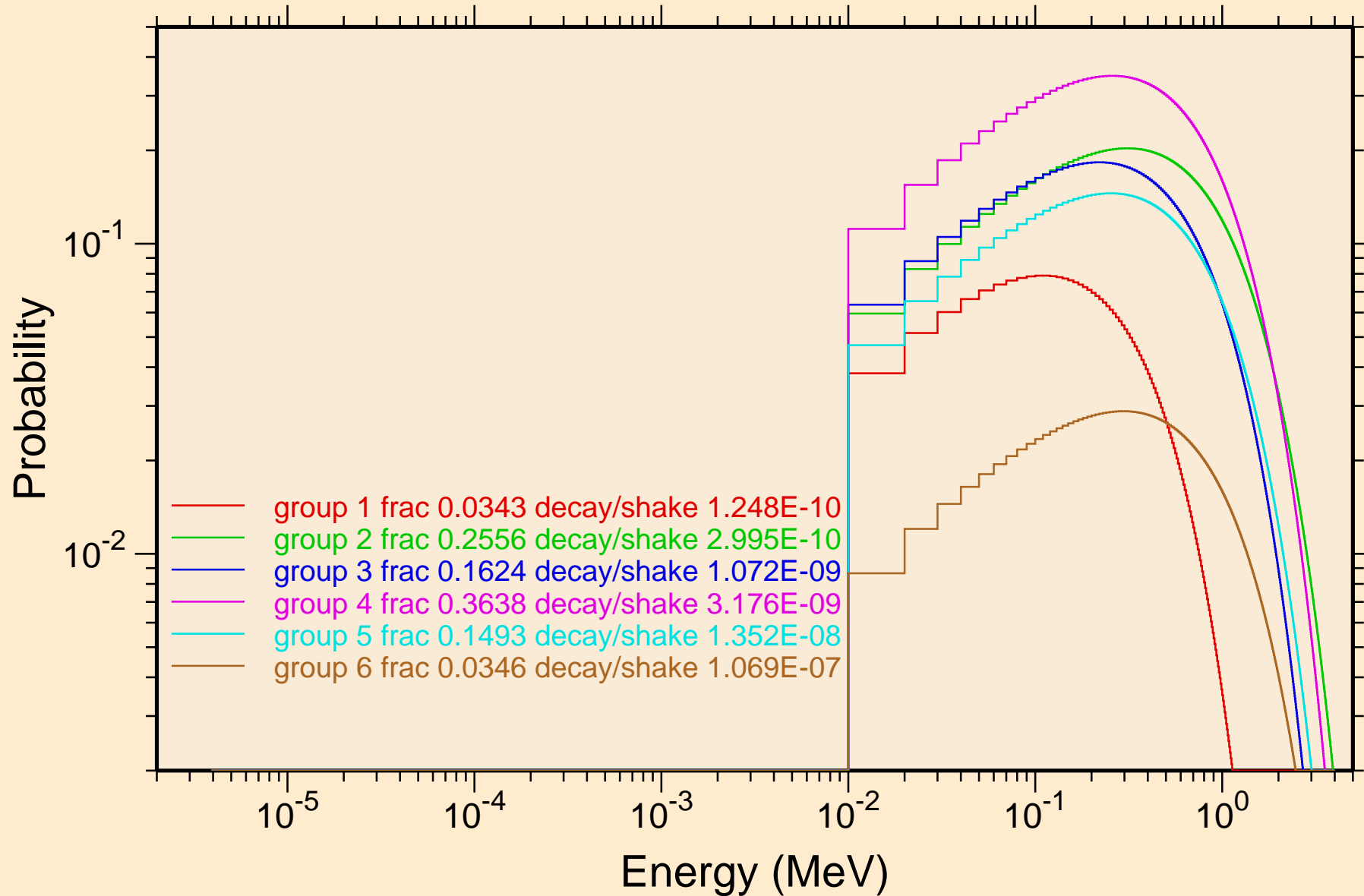
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

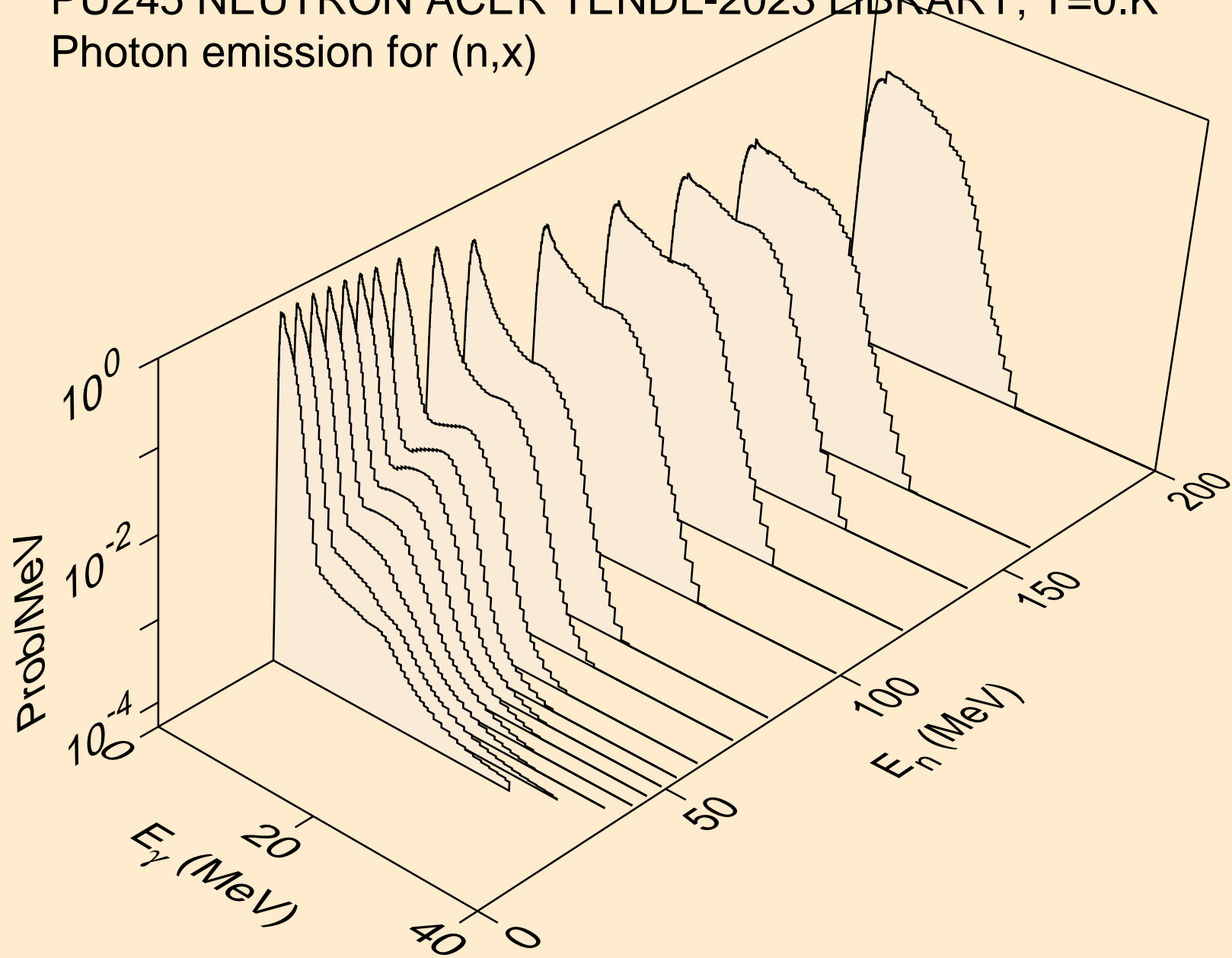


# PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

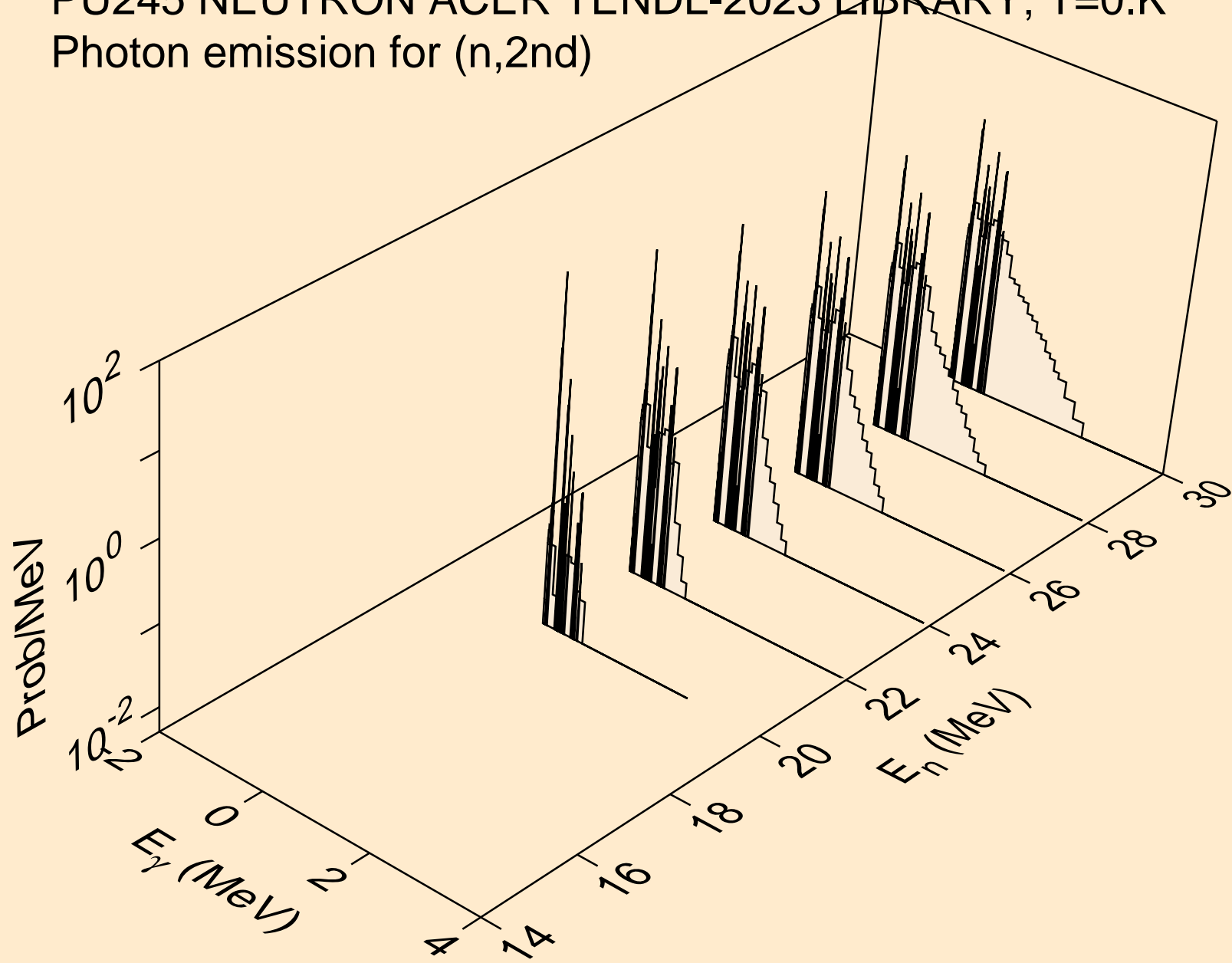
## Delayed neutron spectra



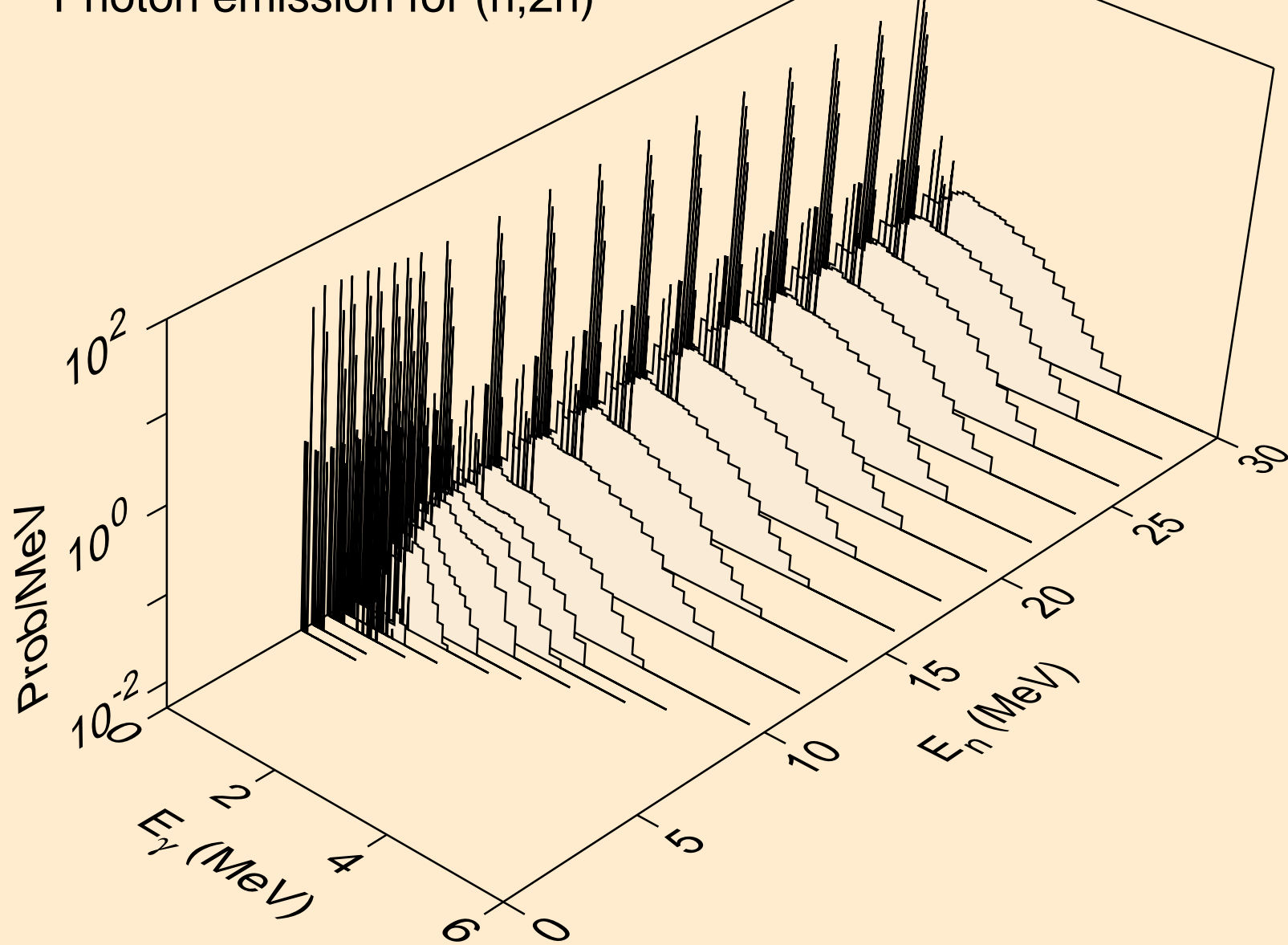
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



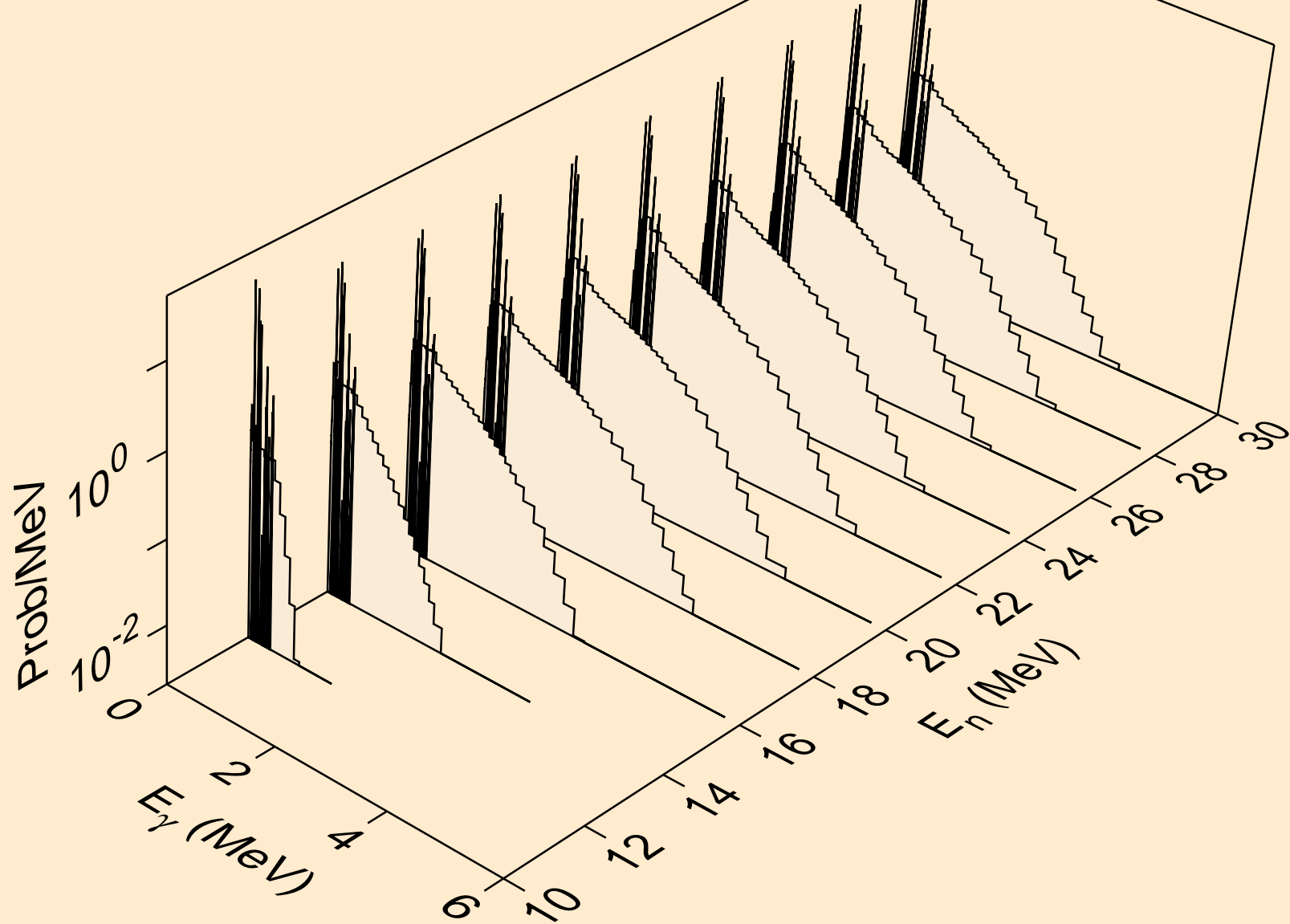
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



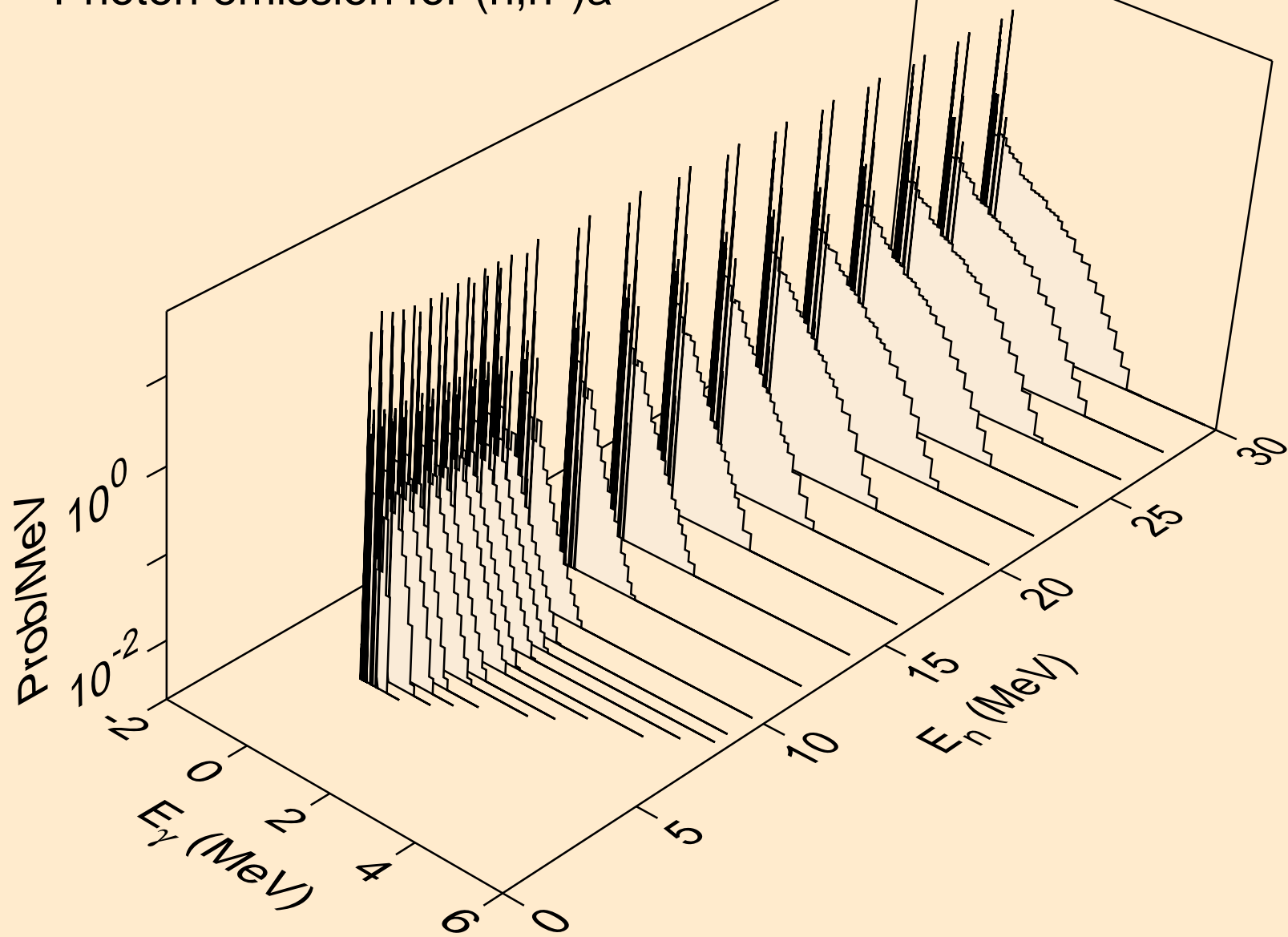
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

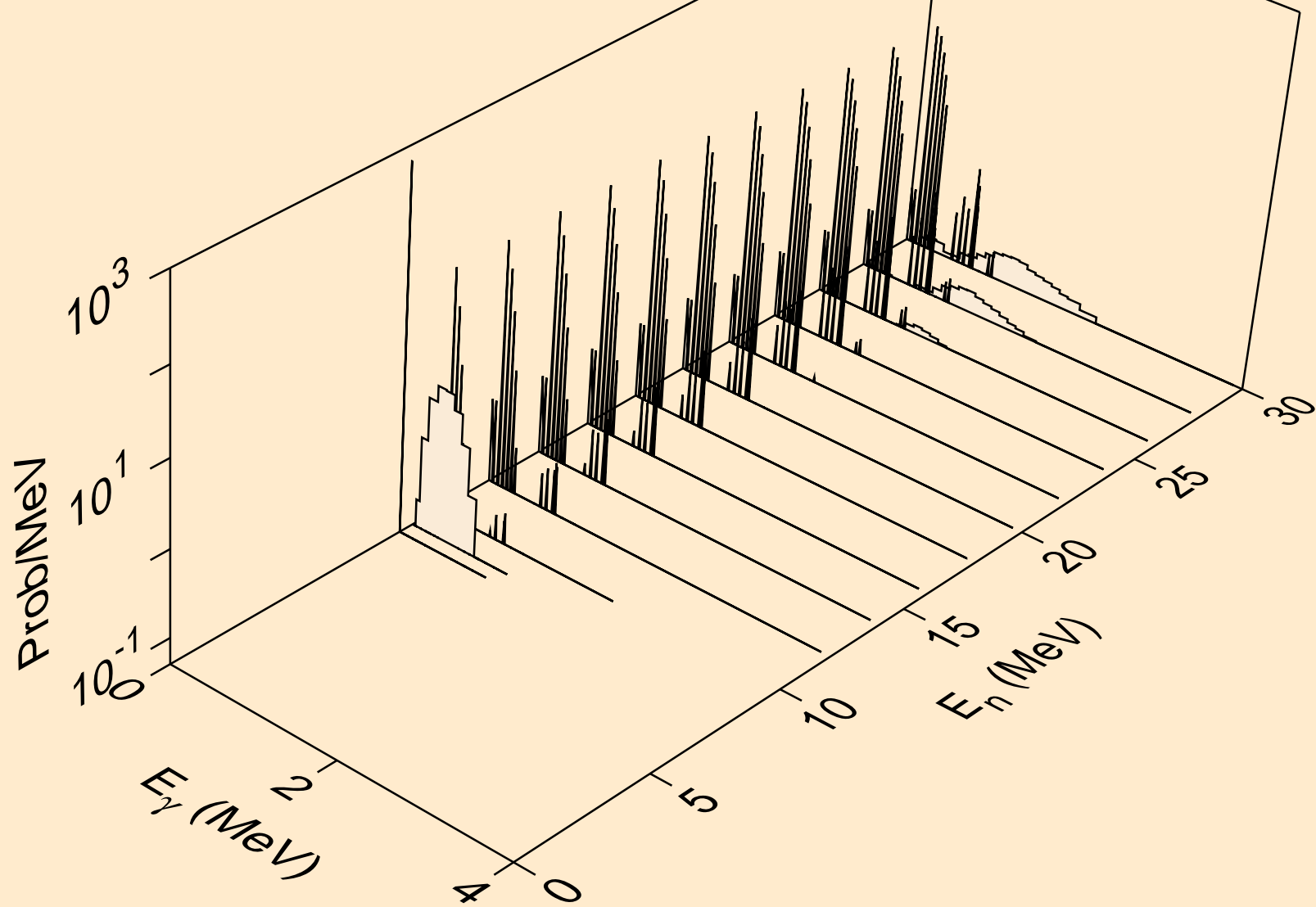


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

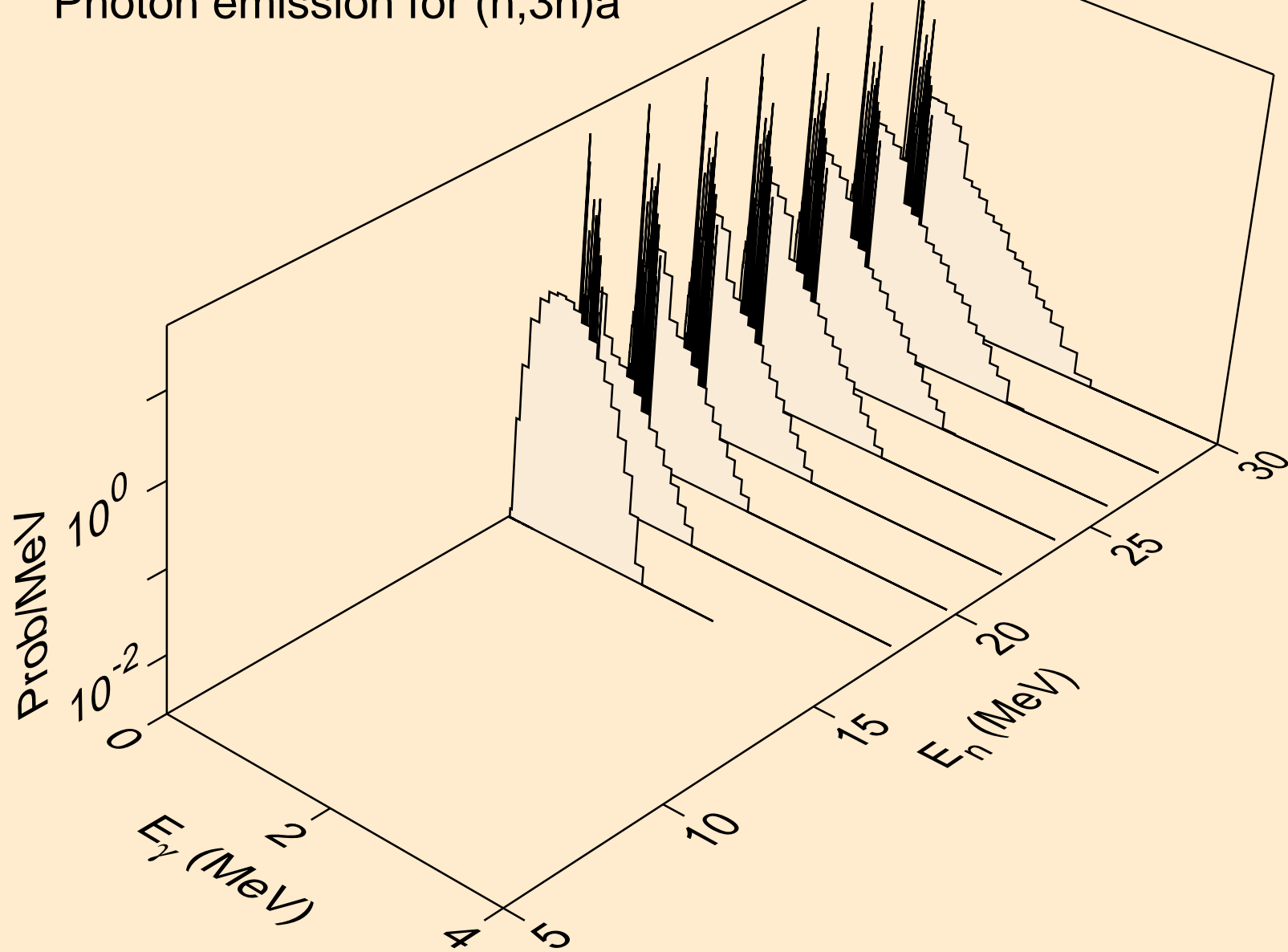




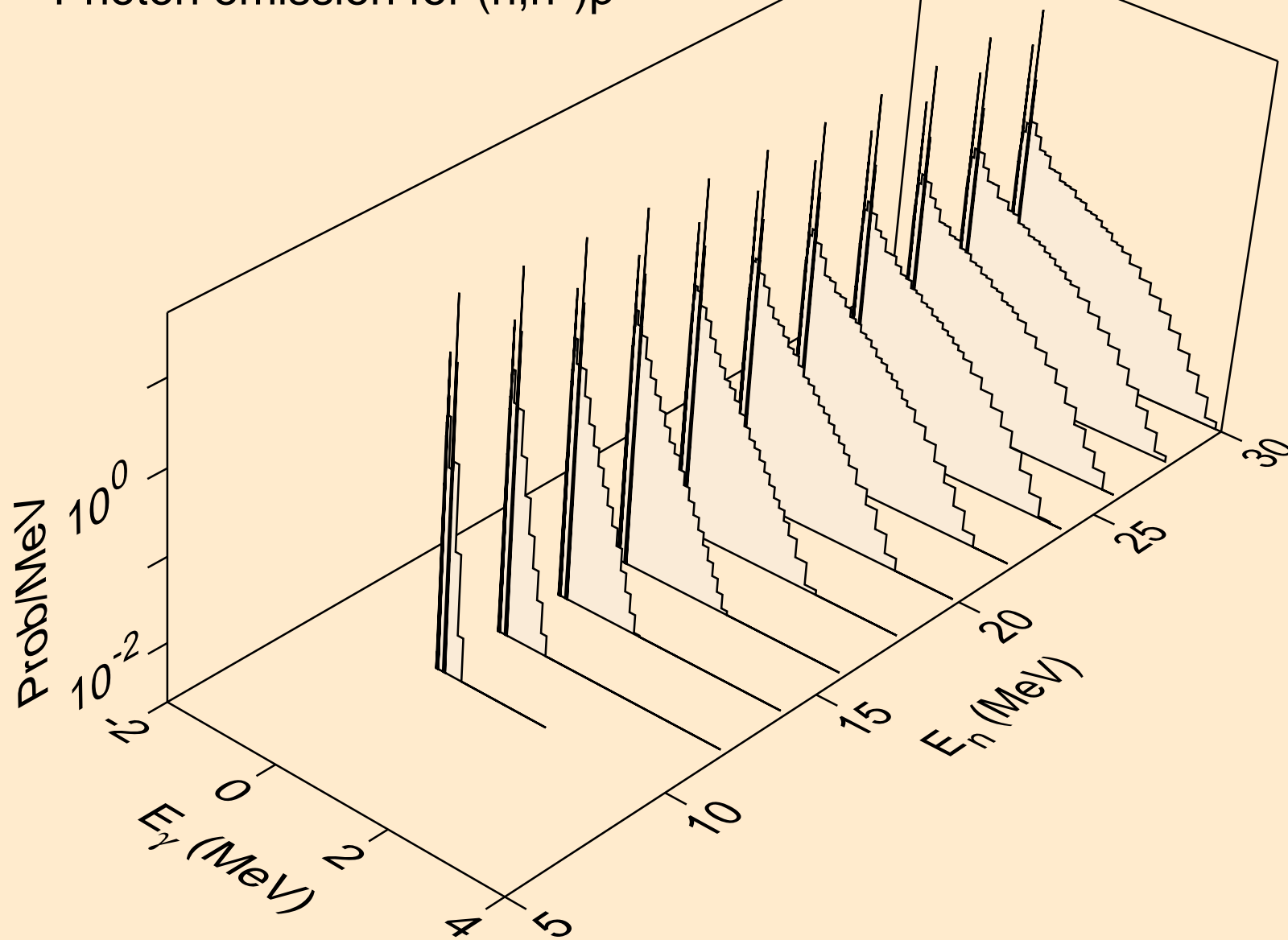
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Photon emission for (n,2n)a



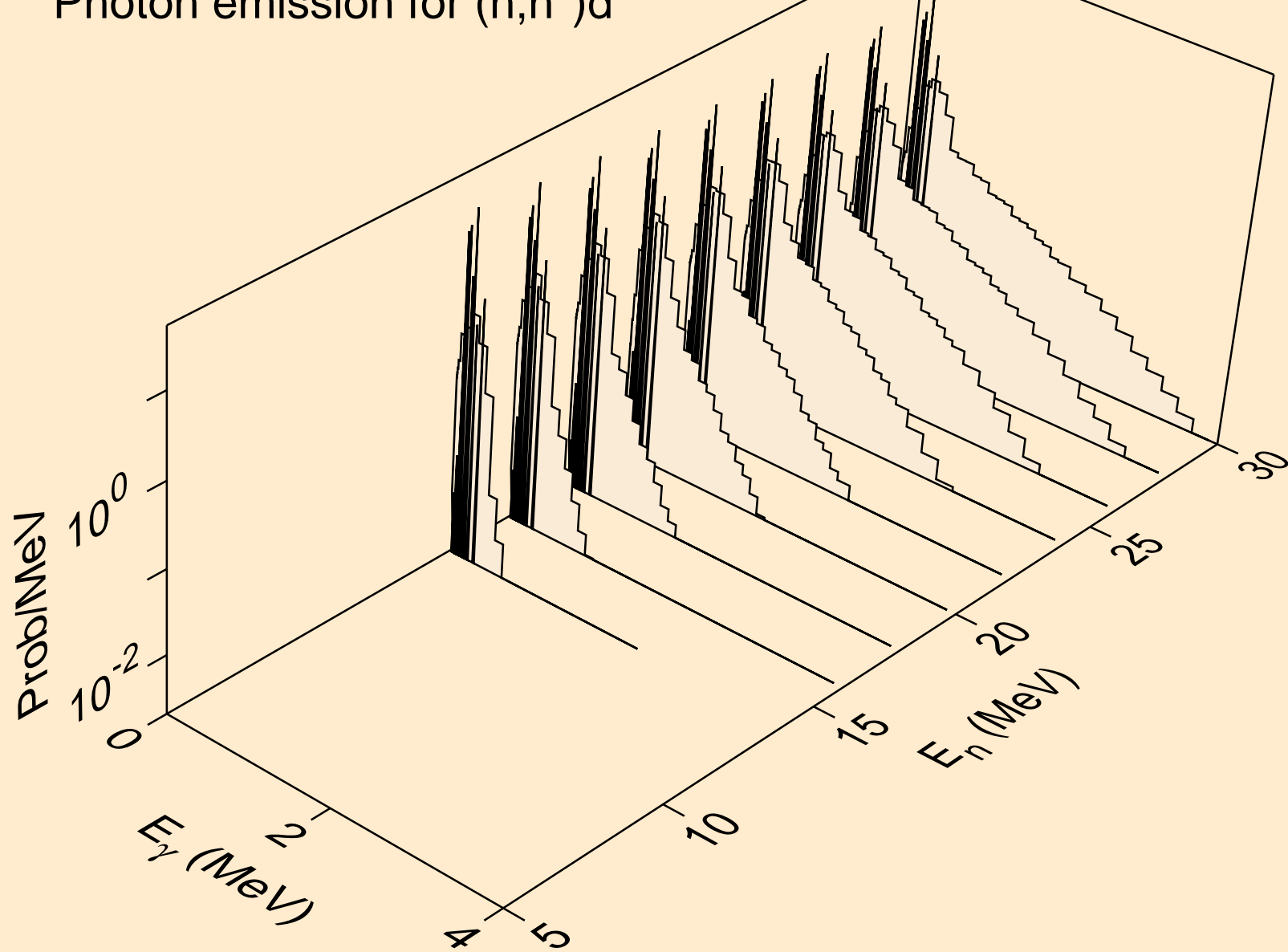
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



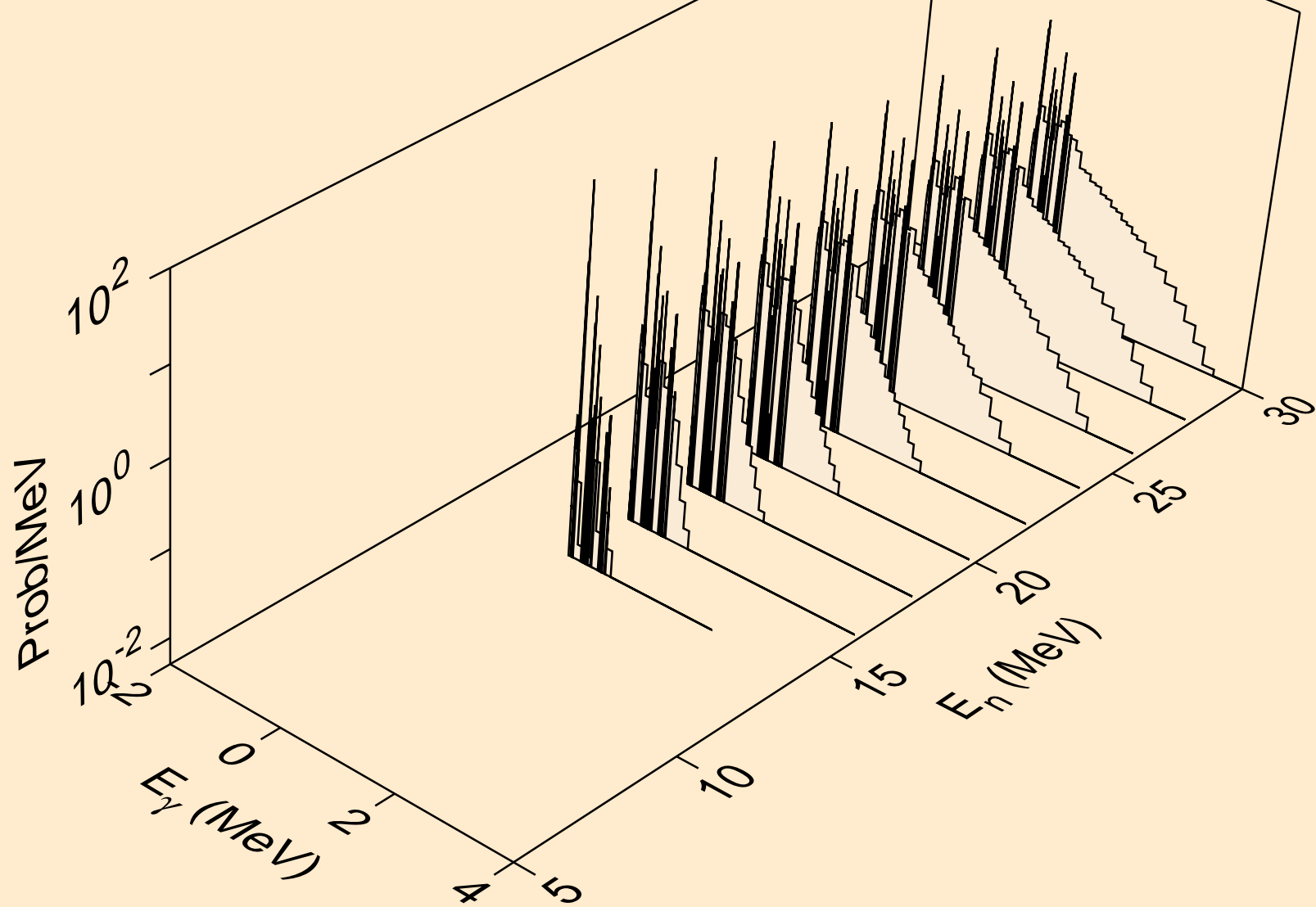
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



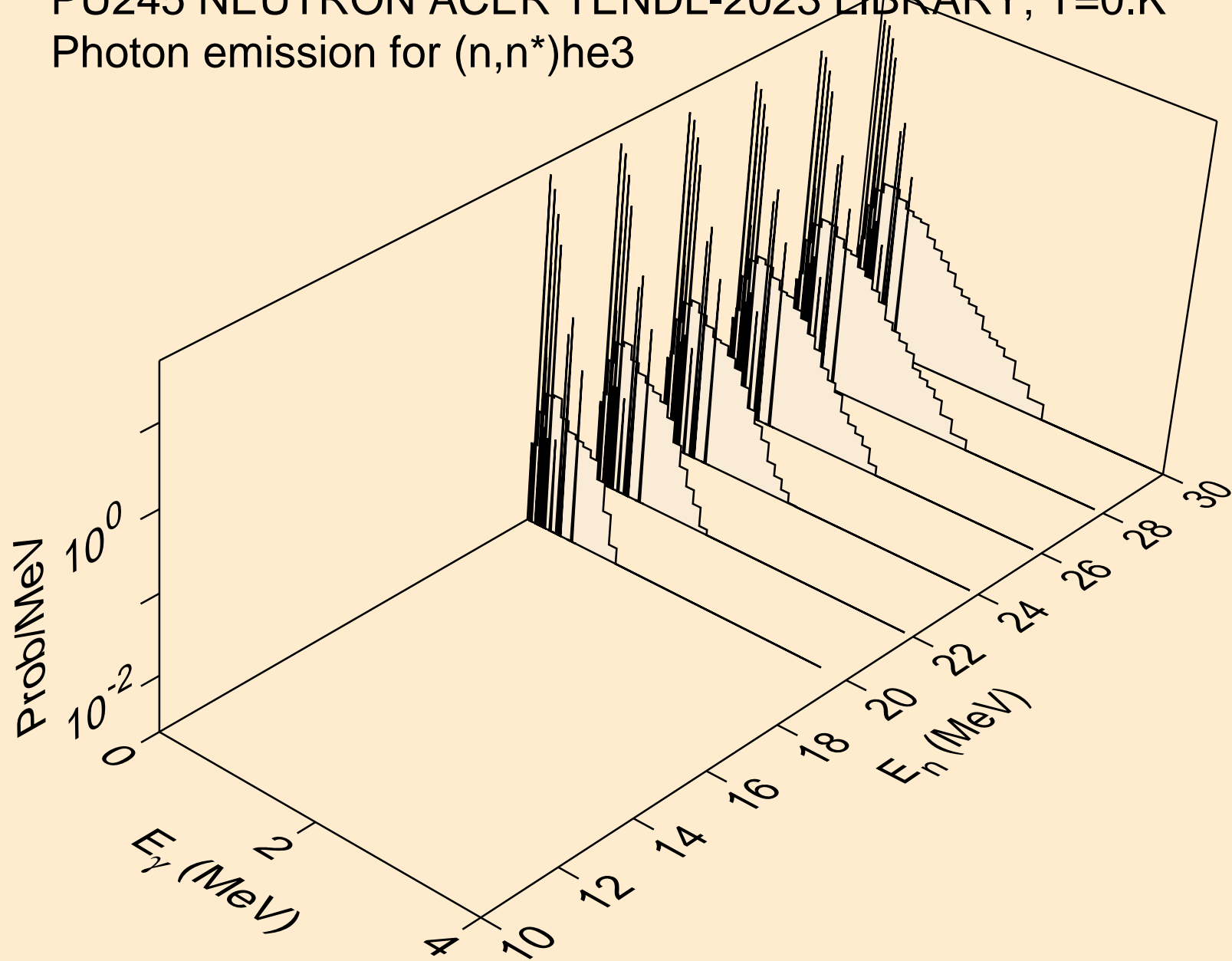
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



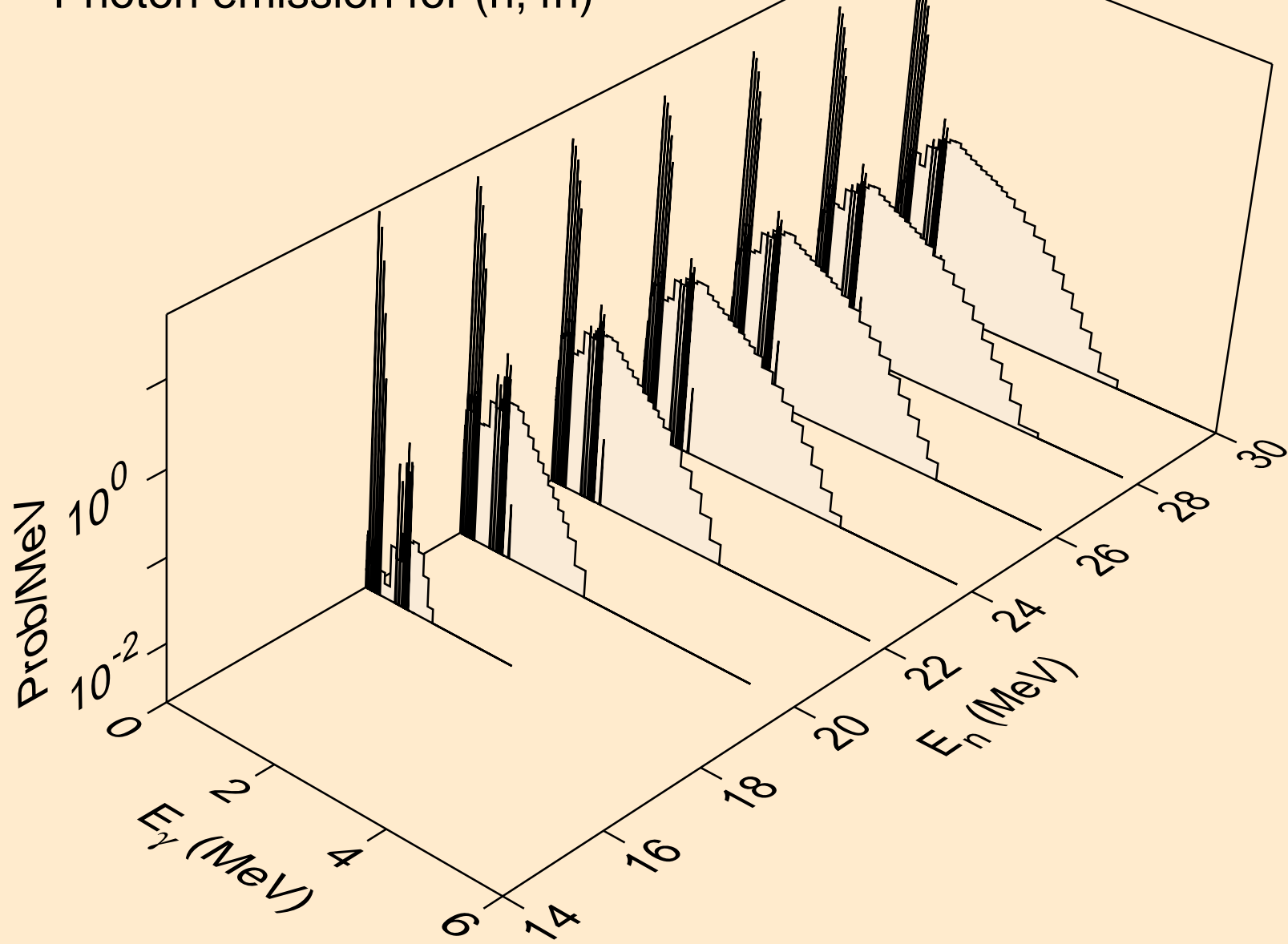
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



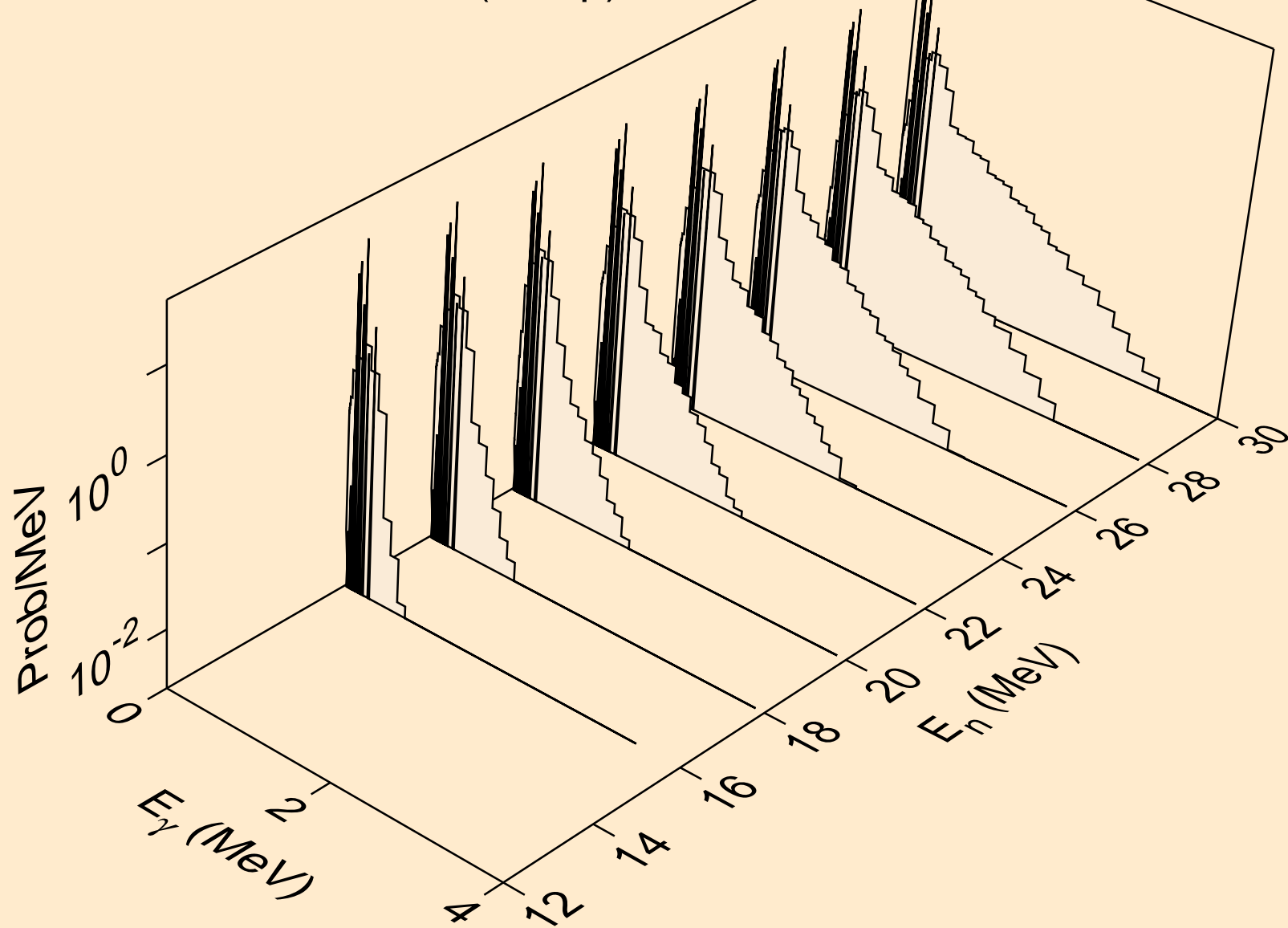
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

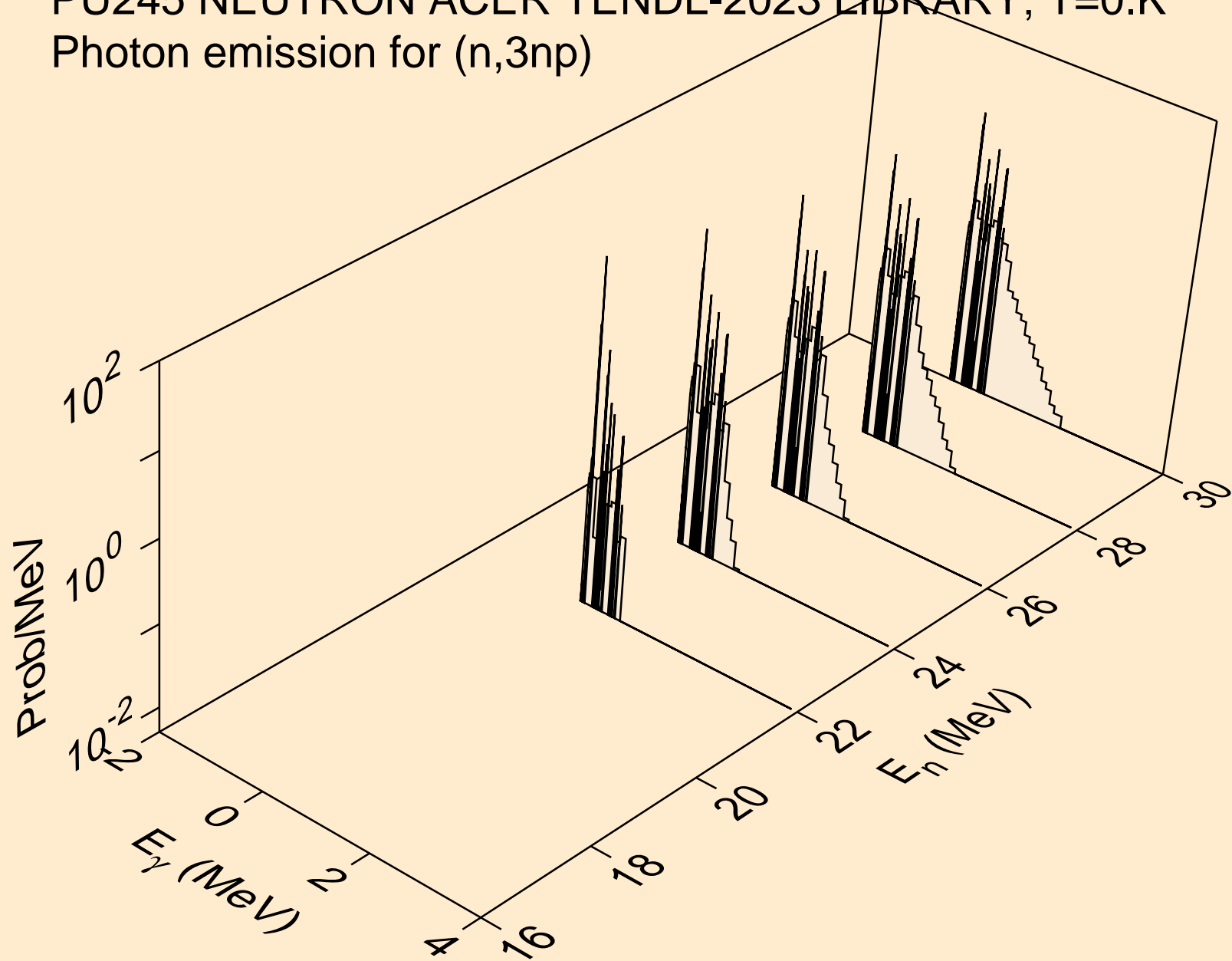


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

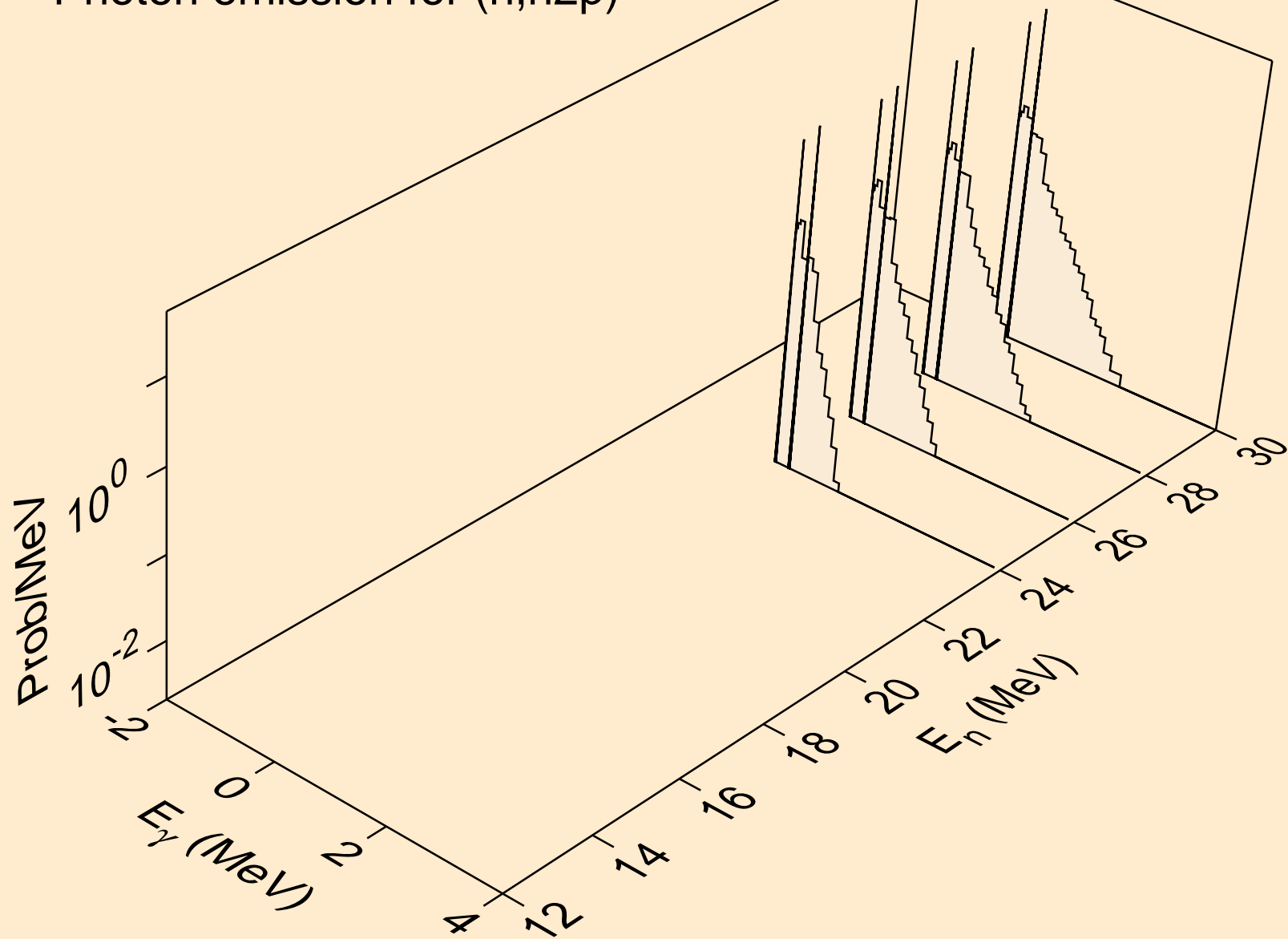




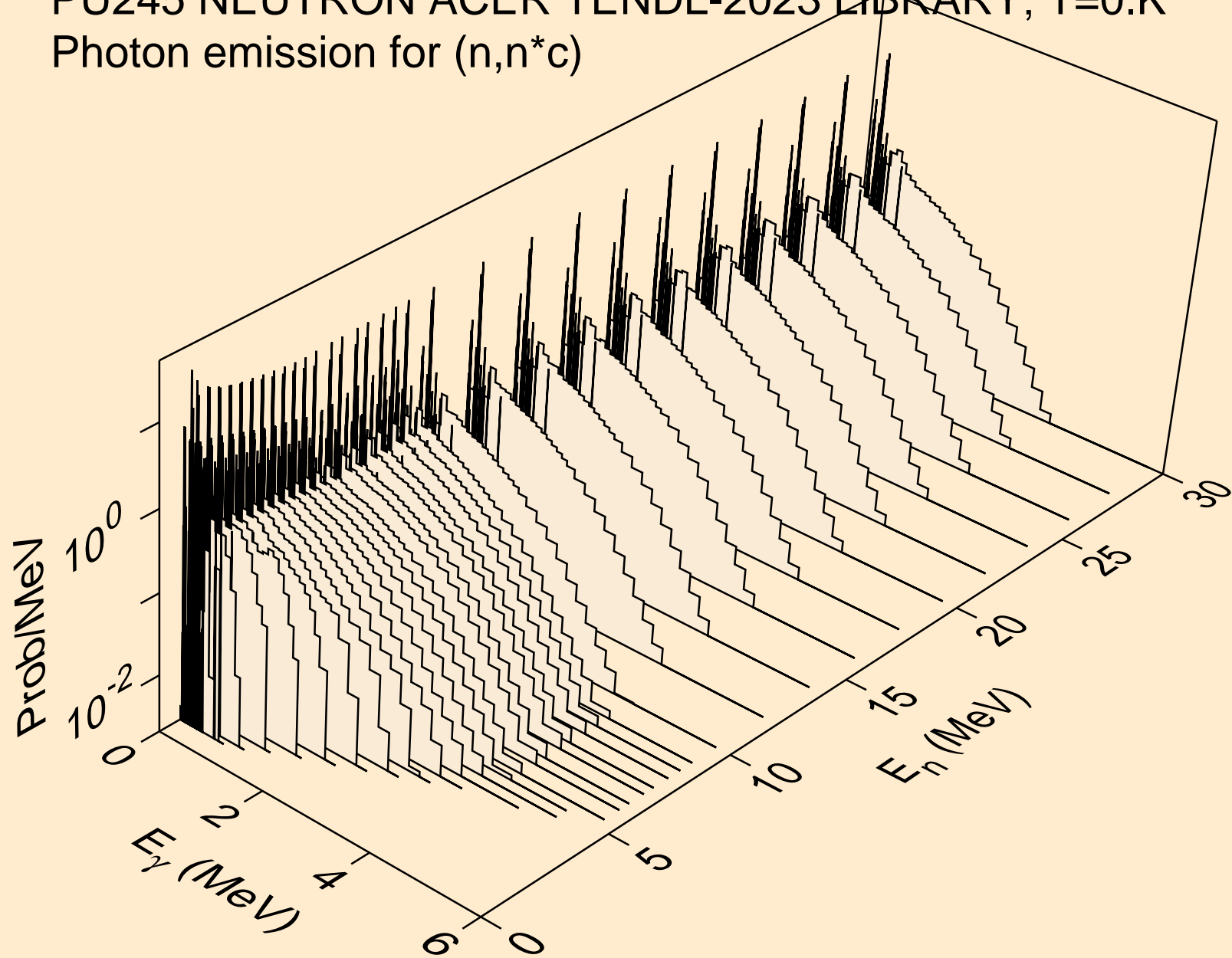
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



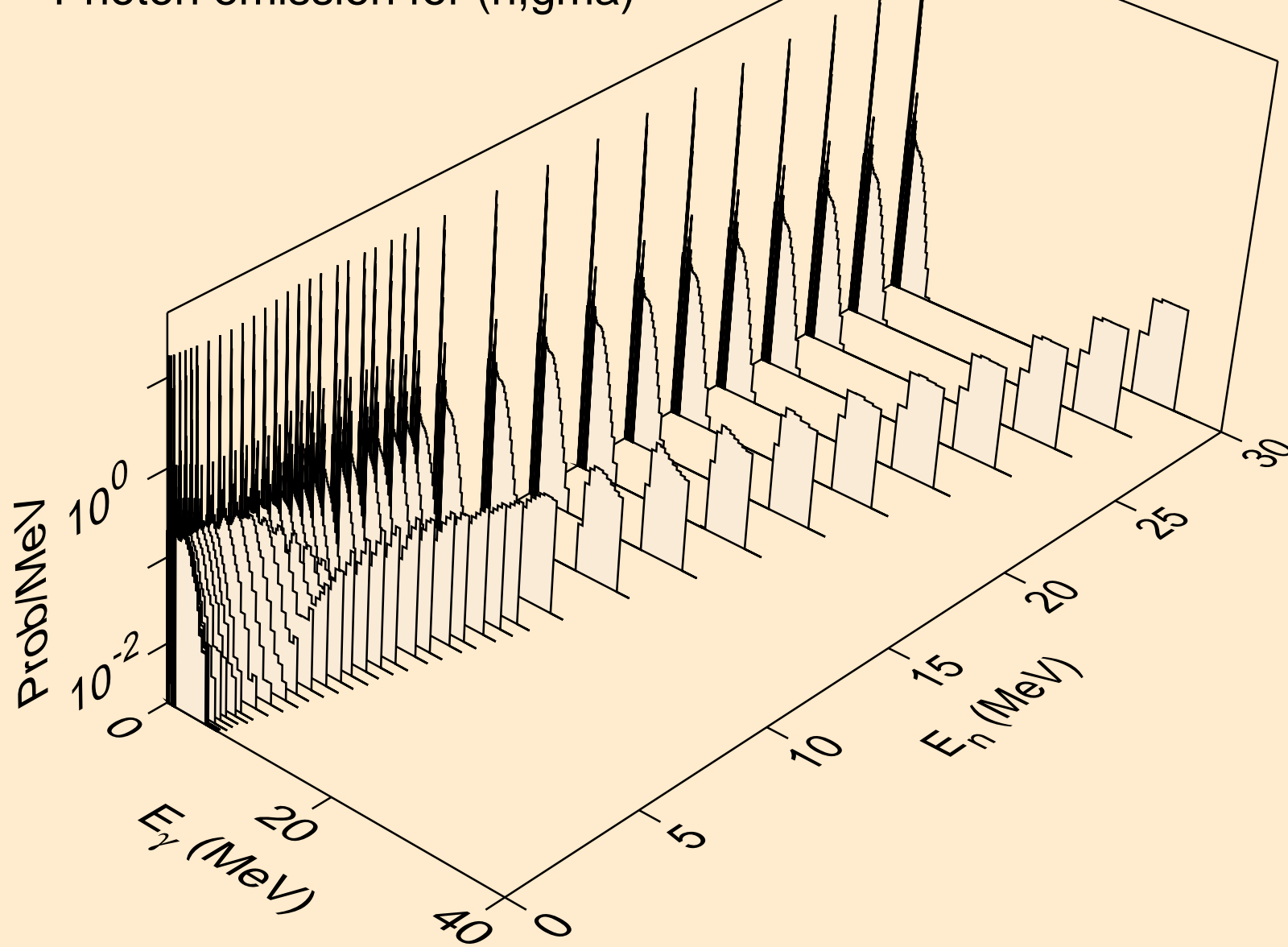
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



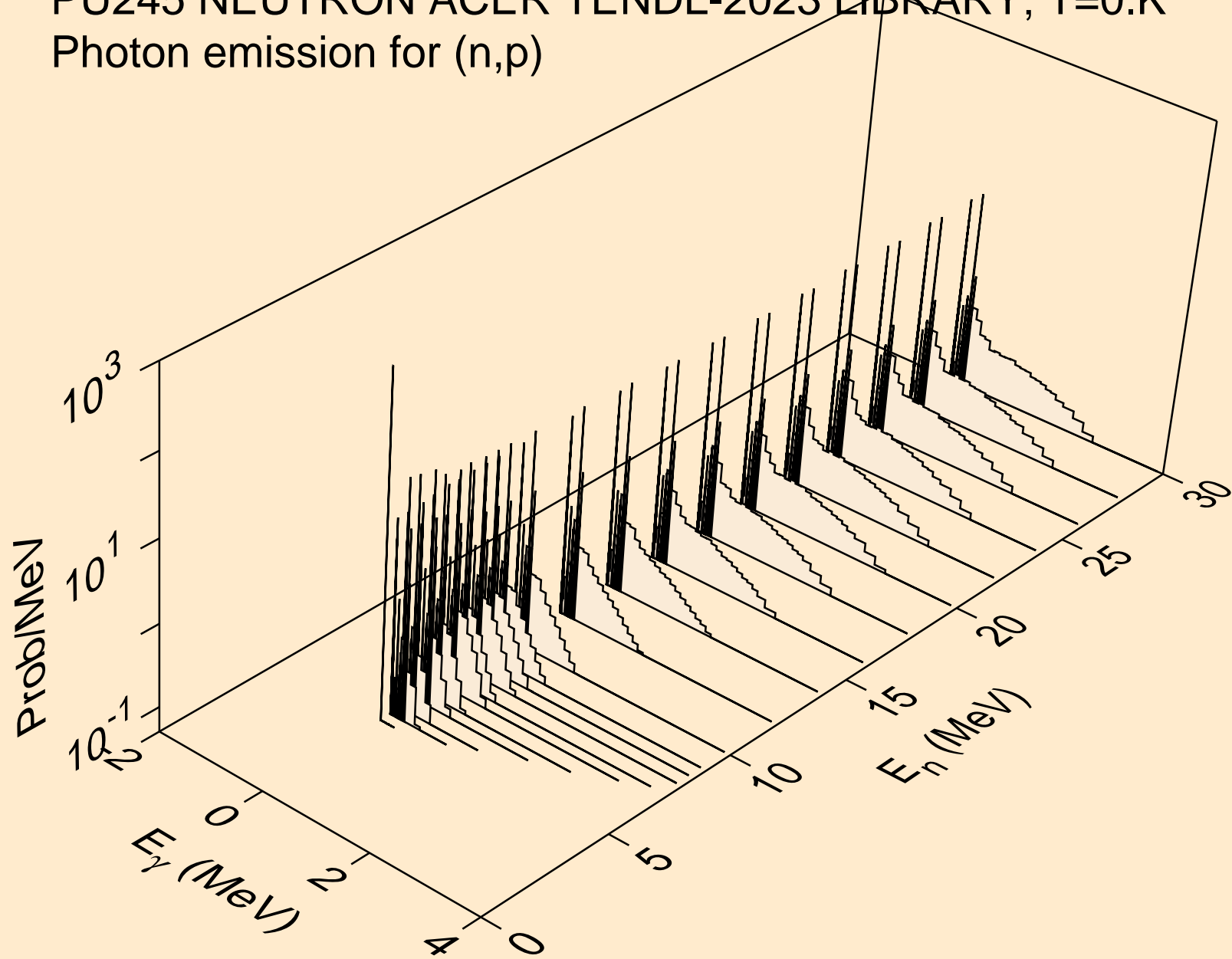
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



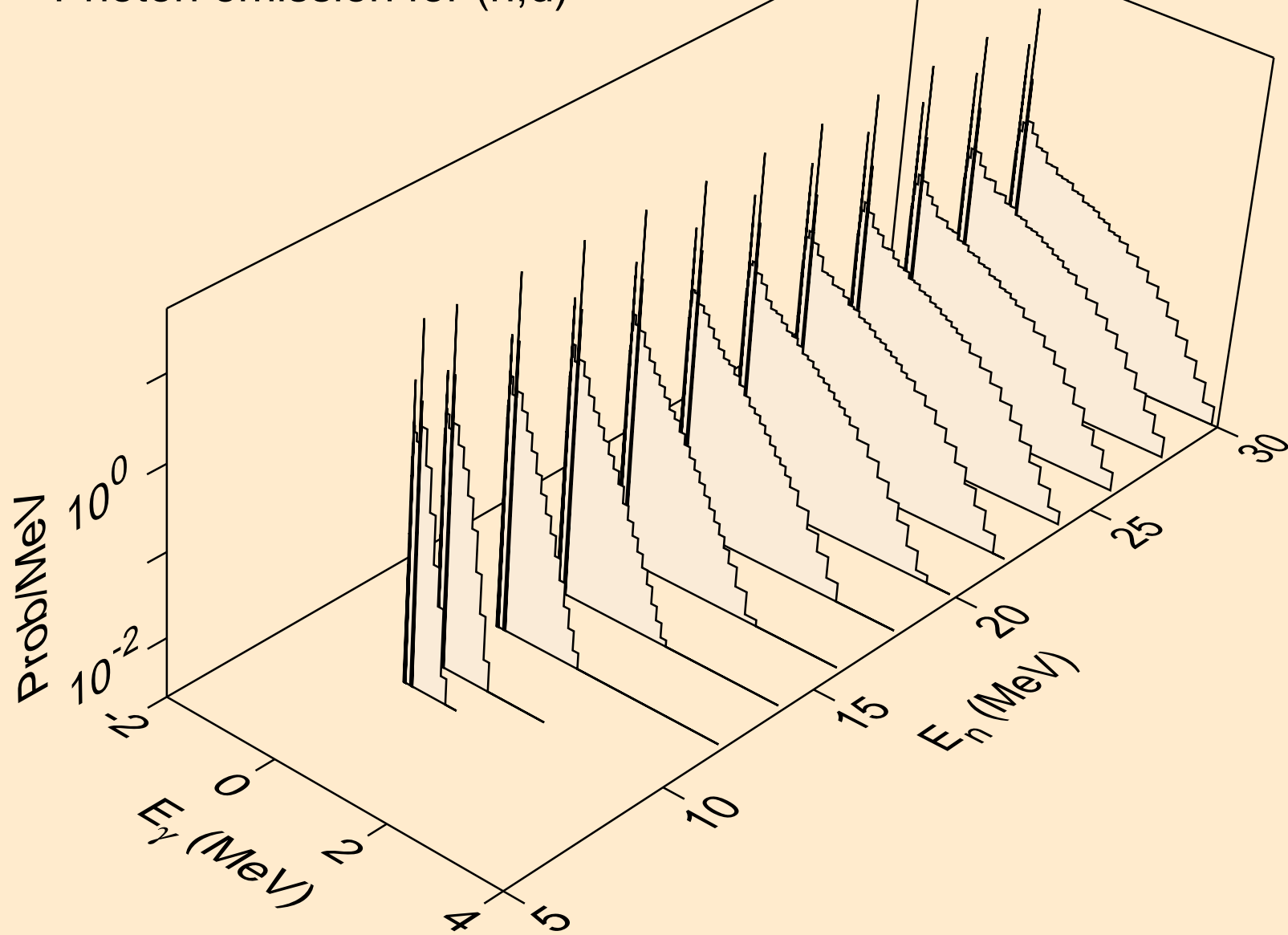
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



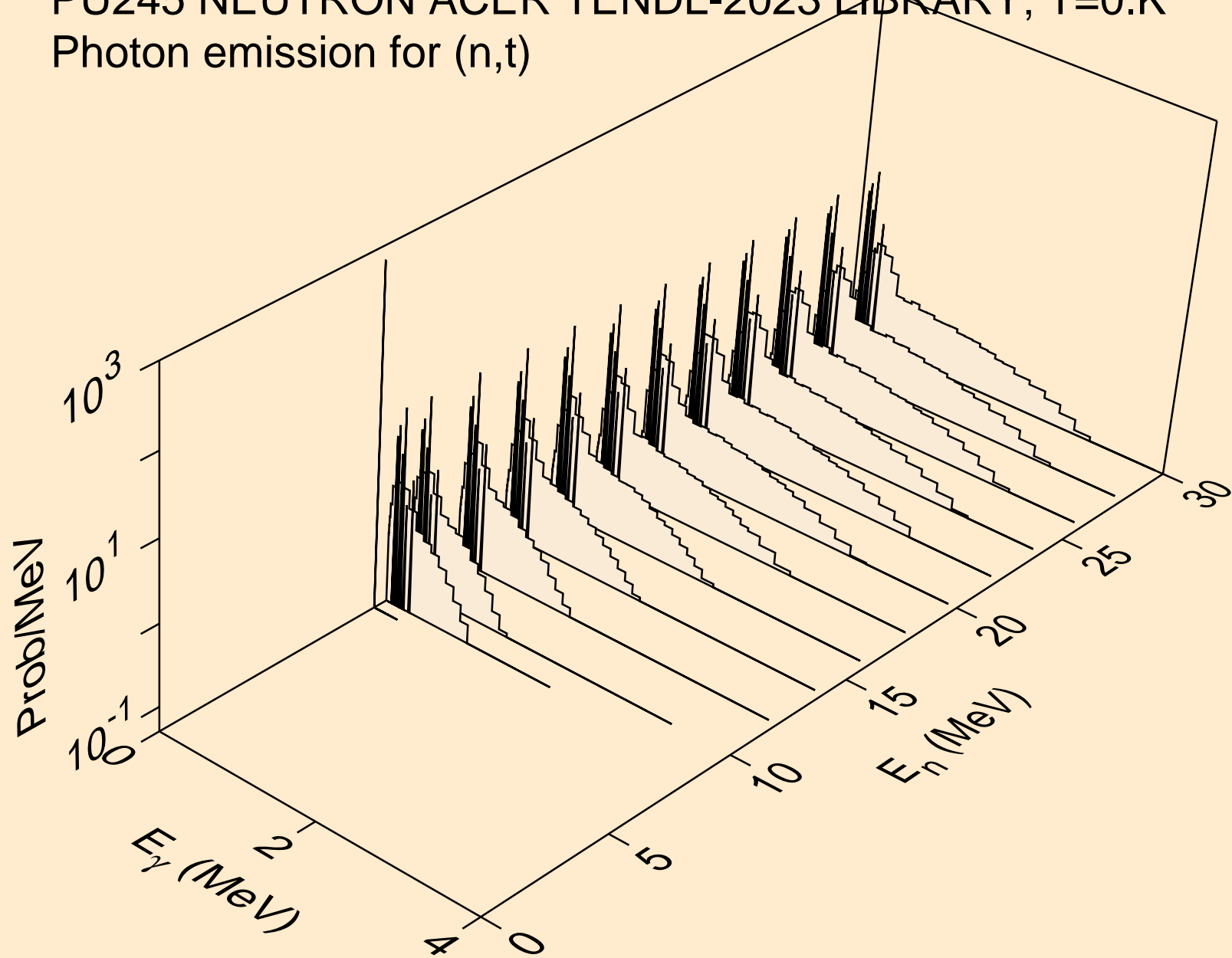
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



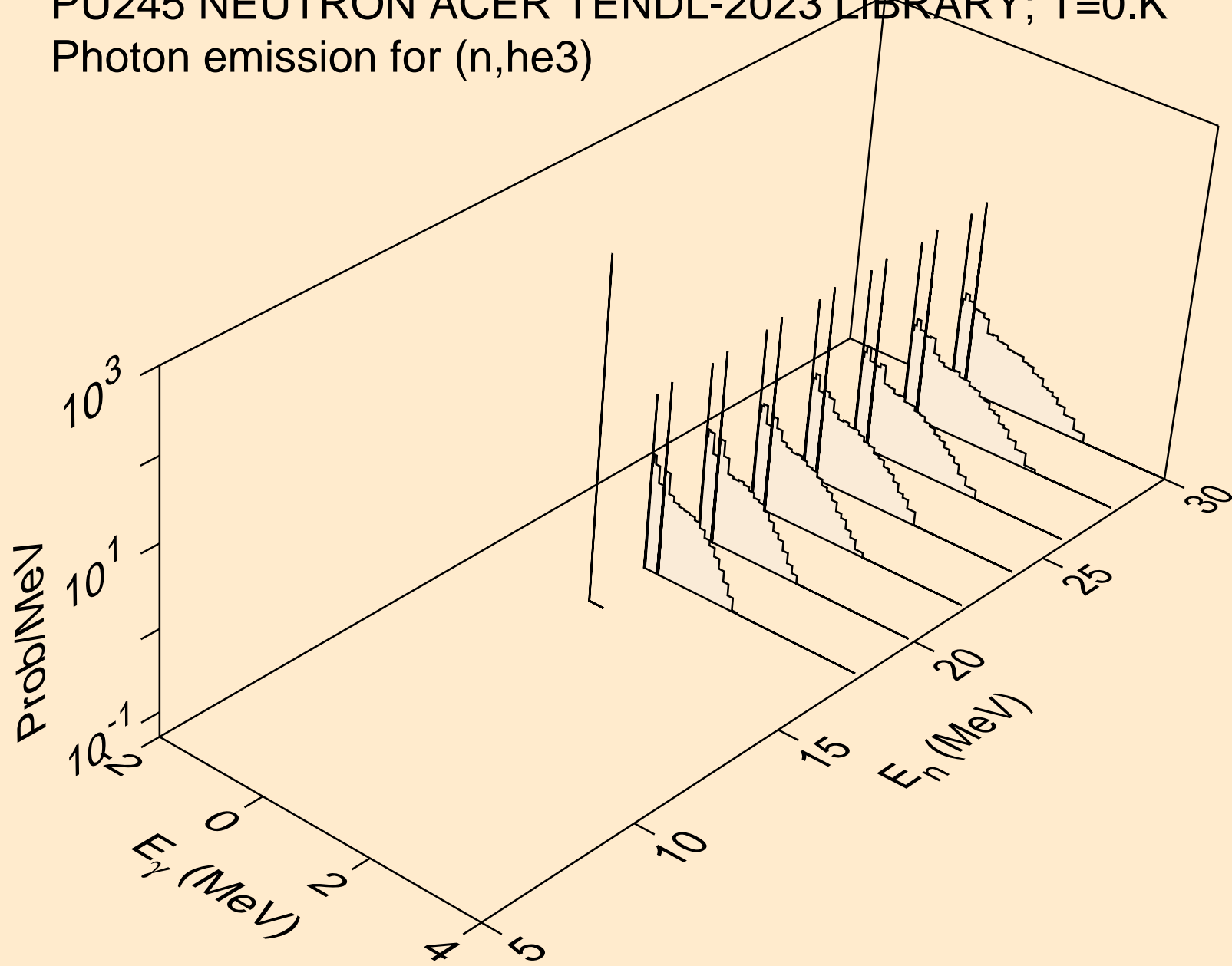
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

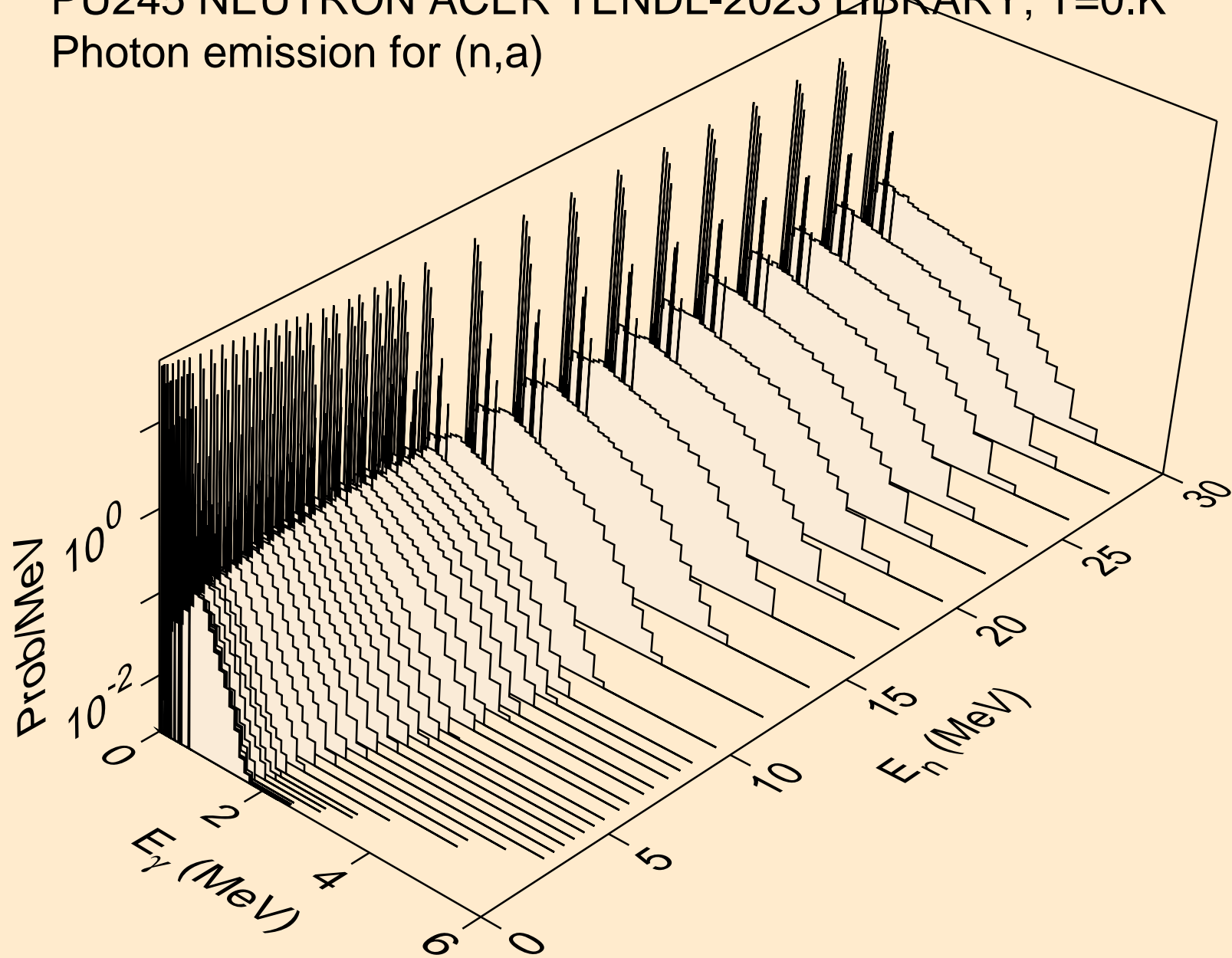


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

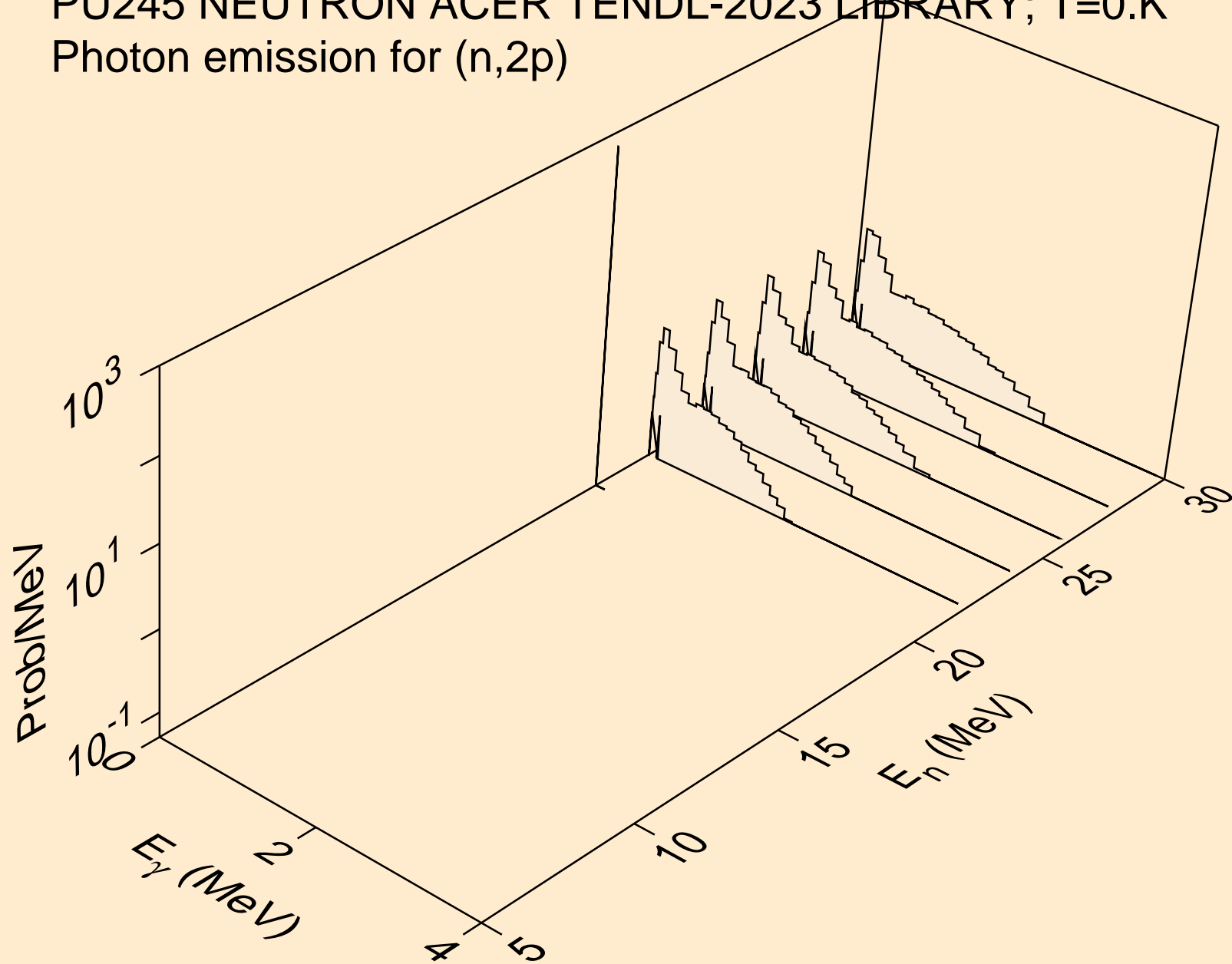




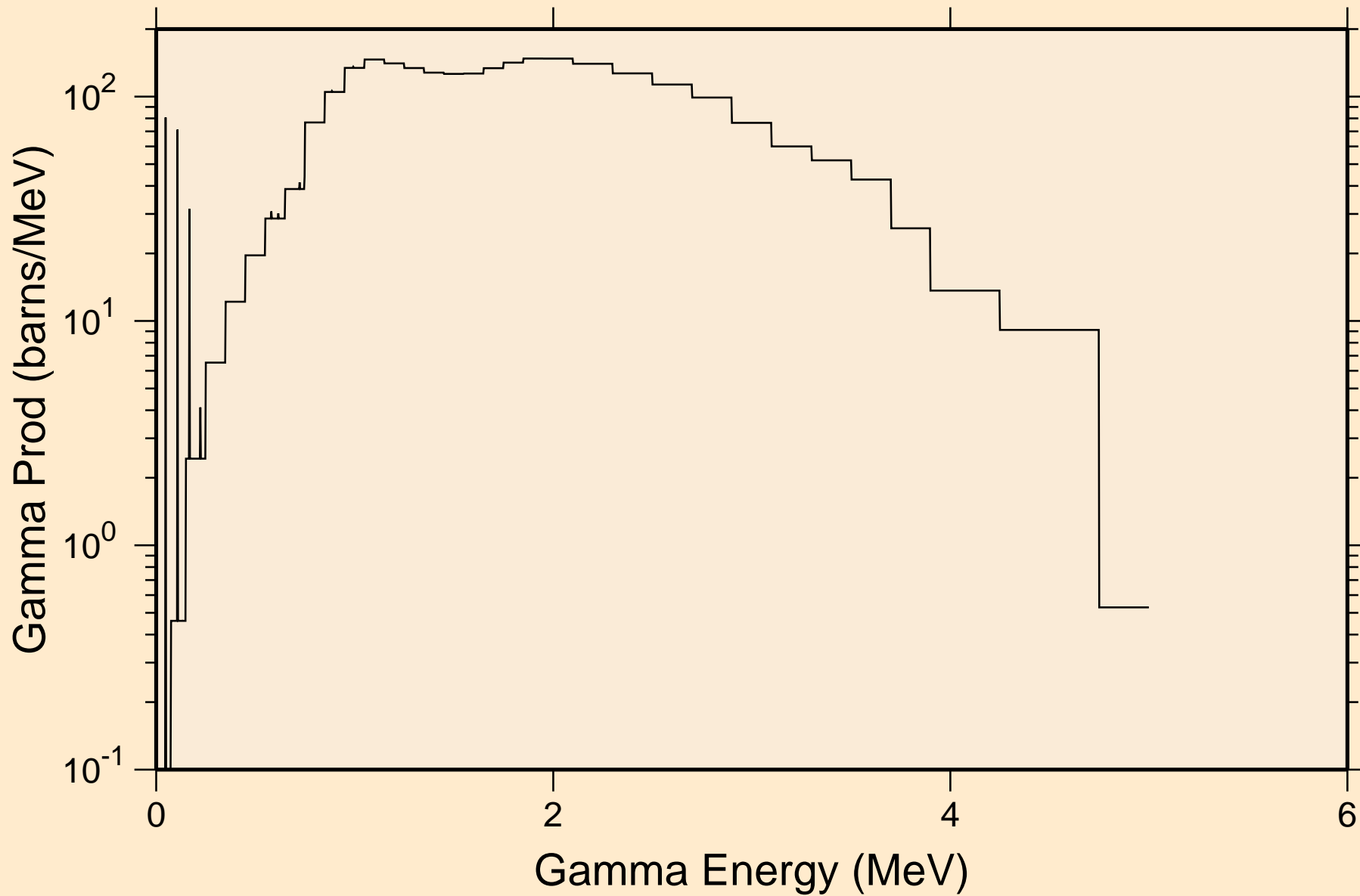
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



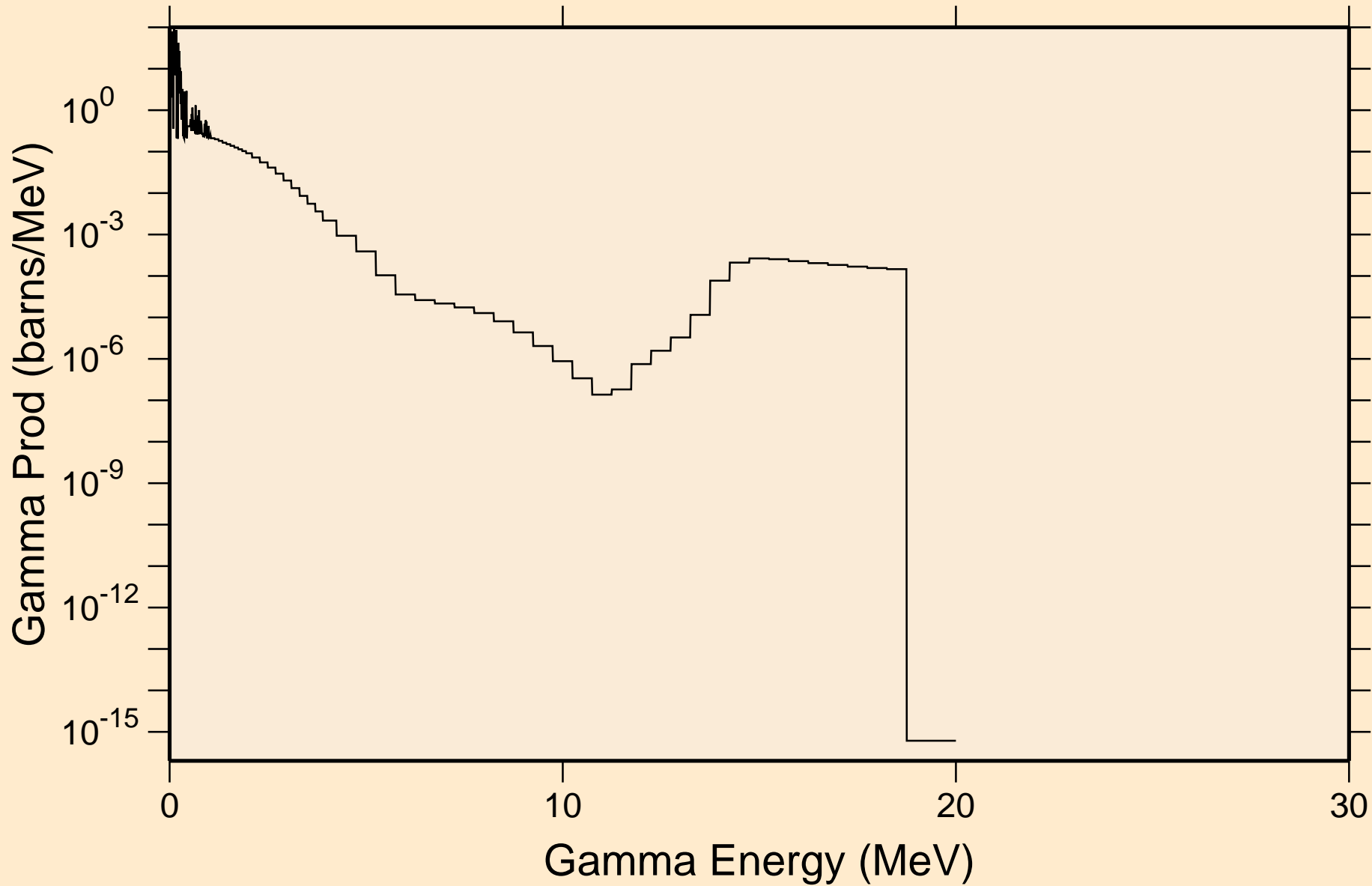
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

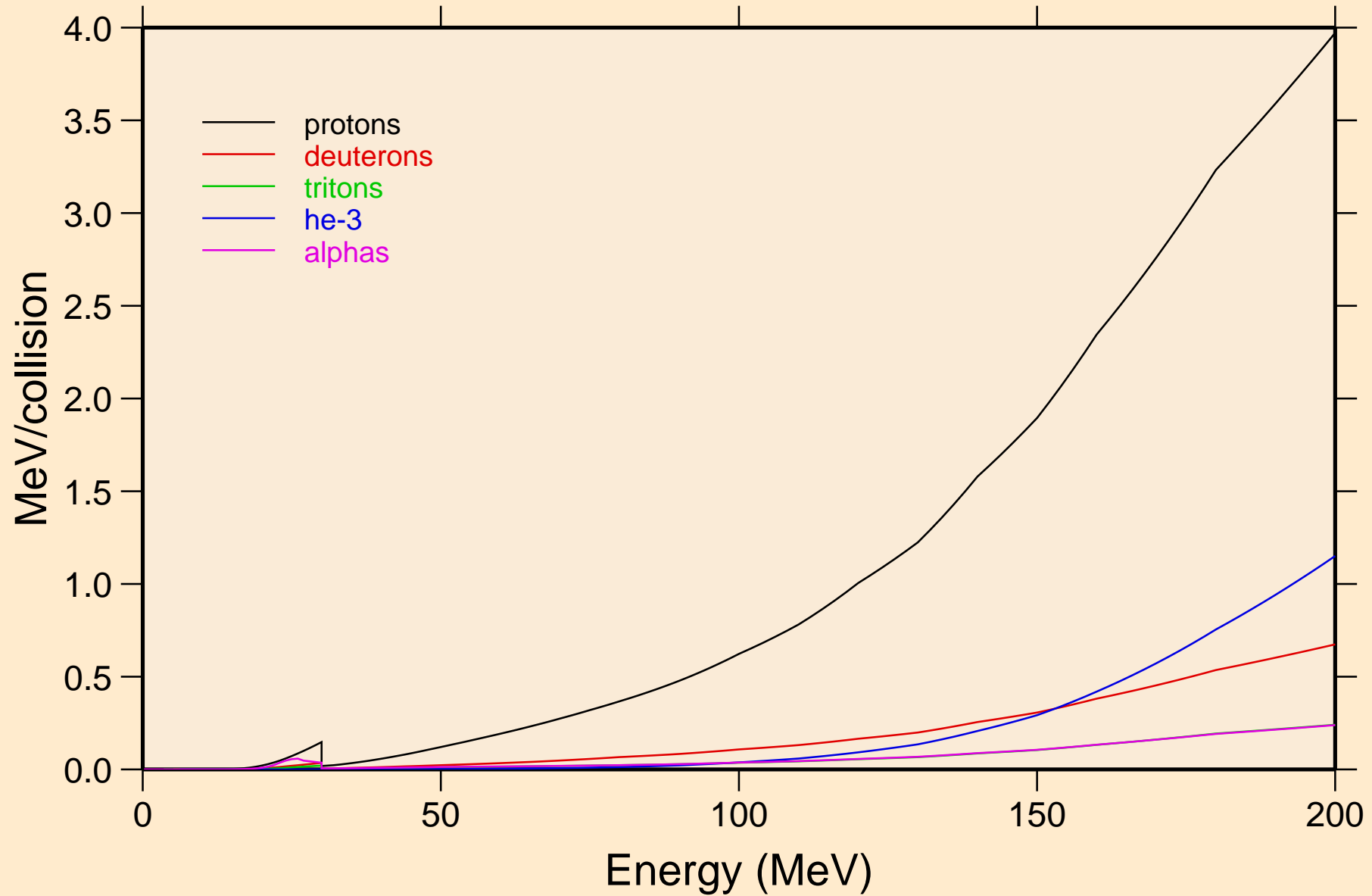


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

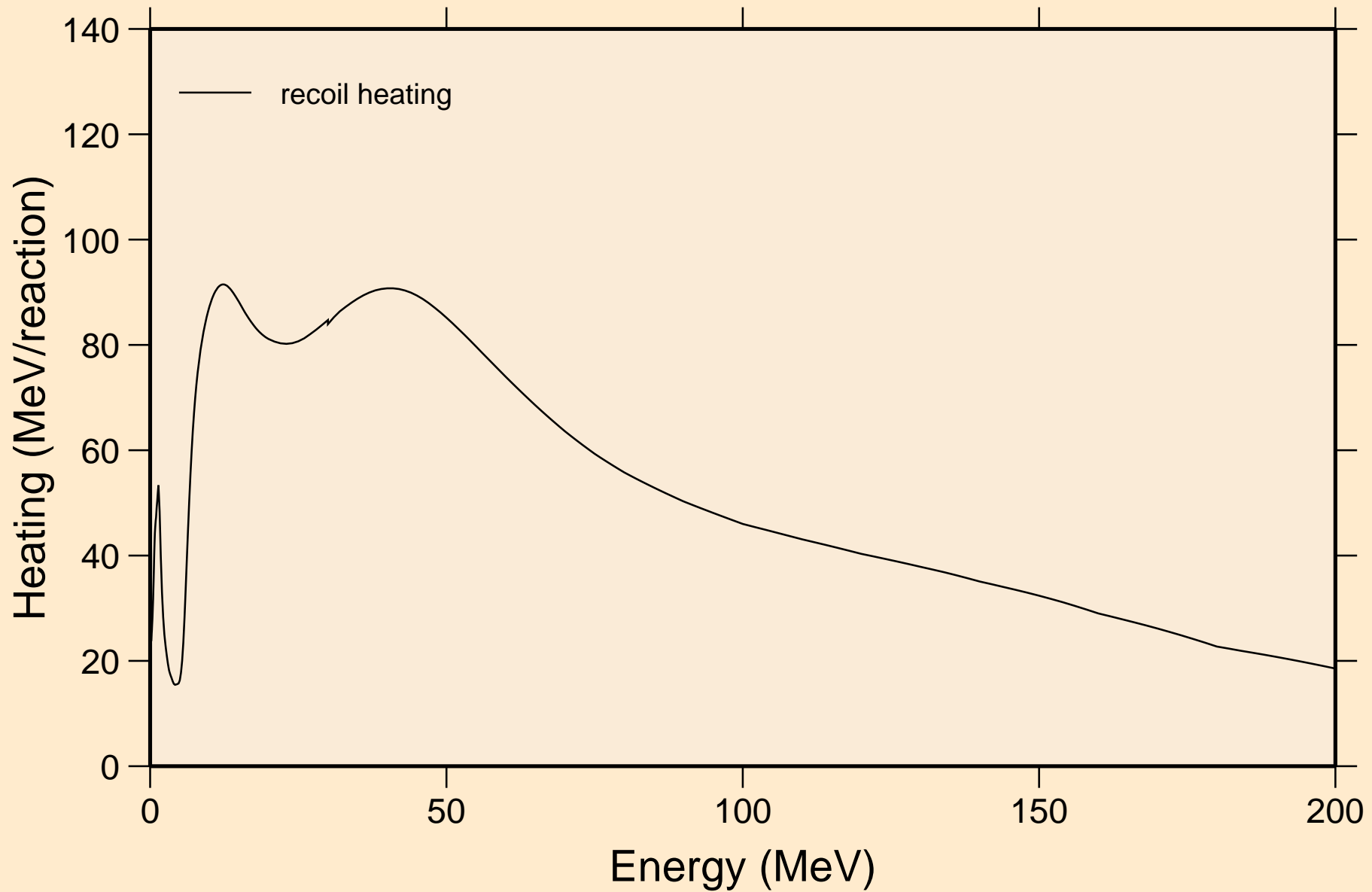


# PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

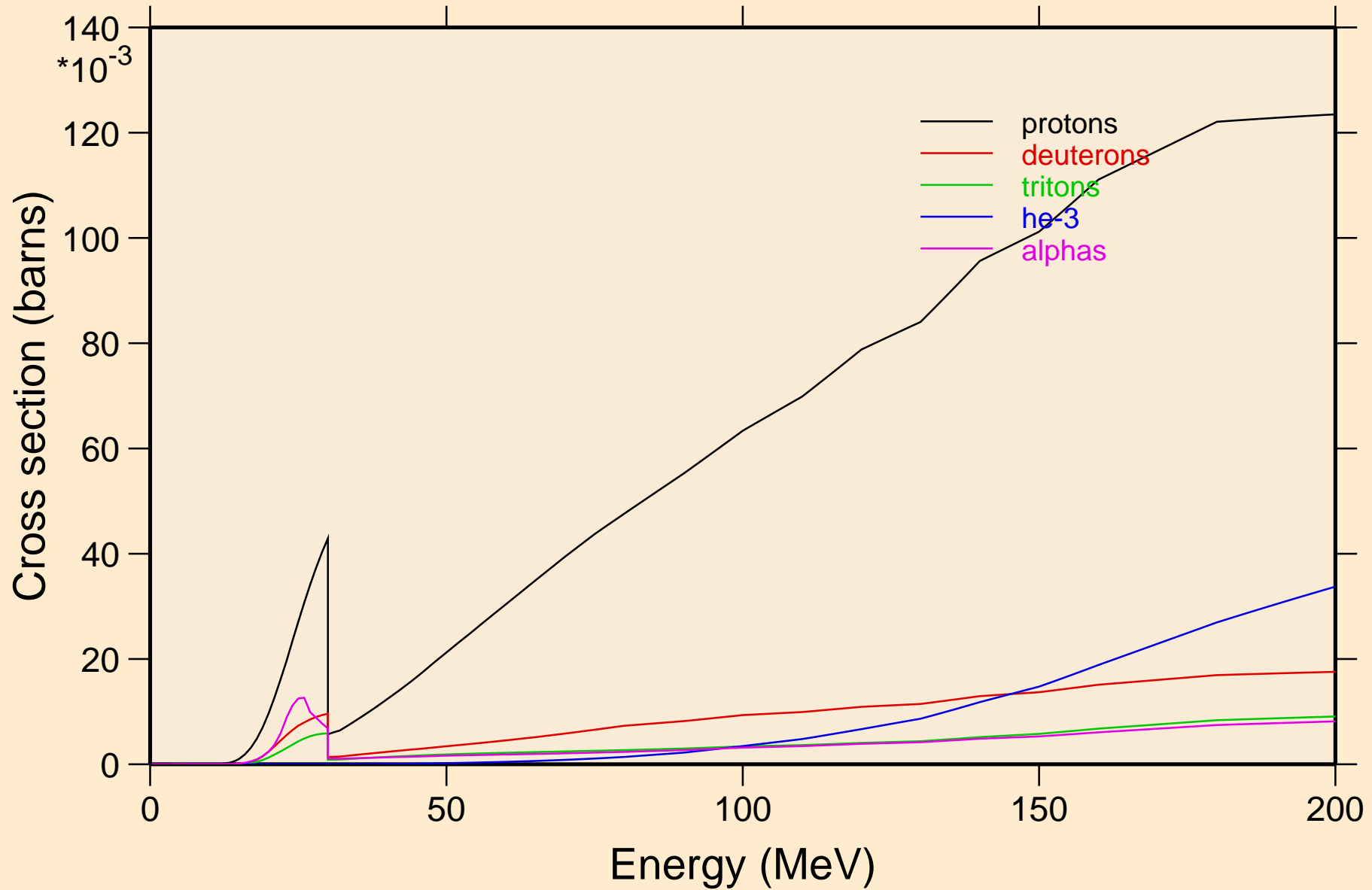
## Particle heating contributions



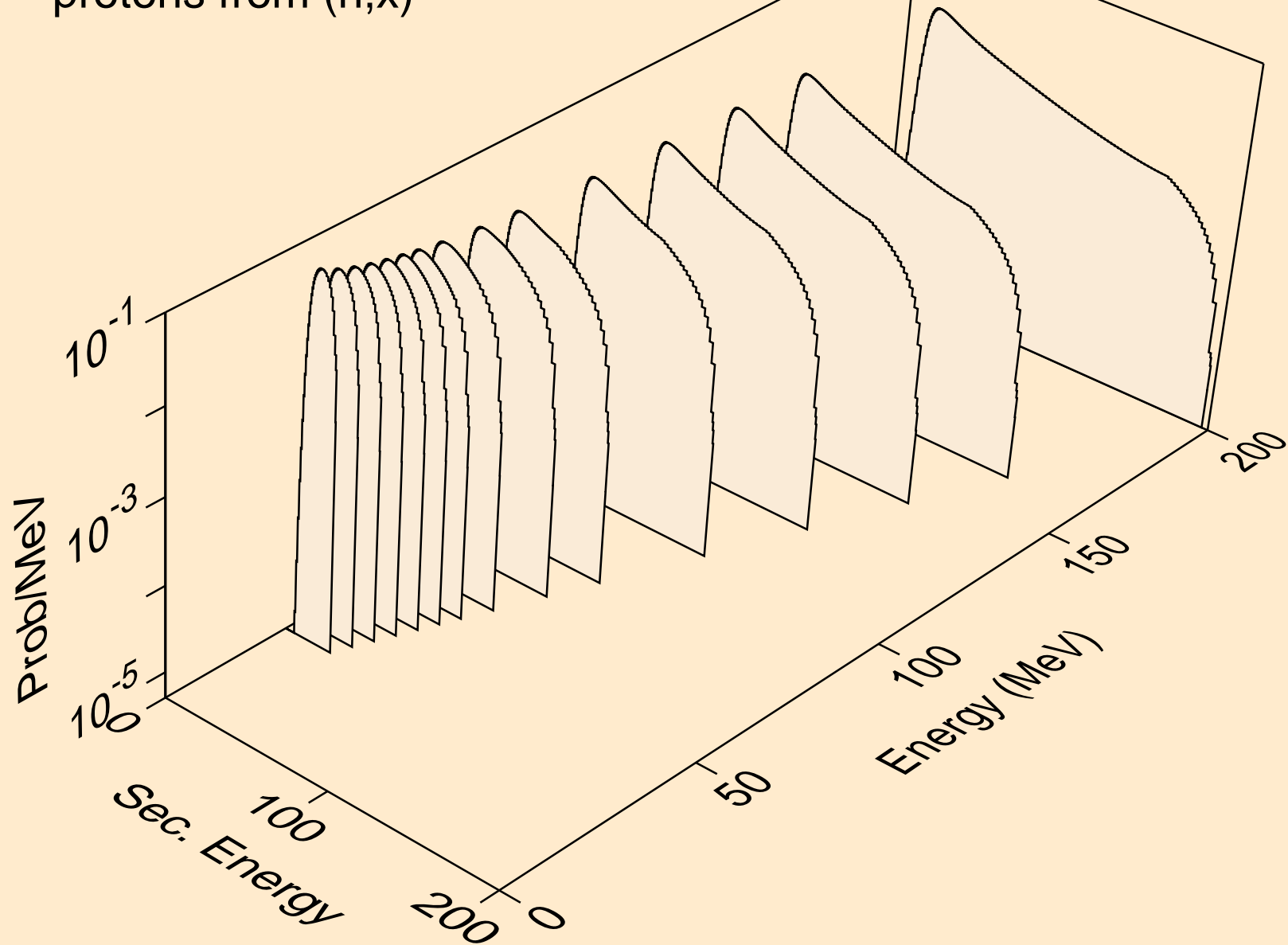
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

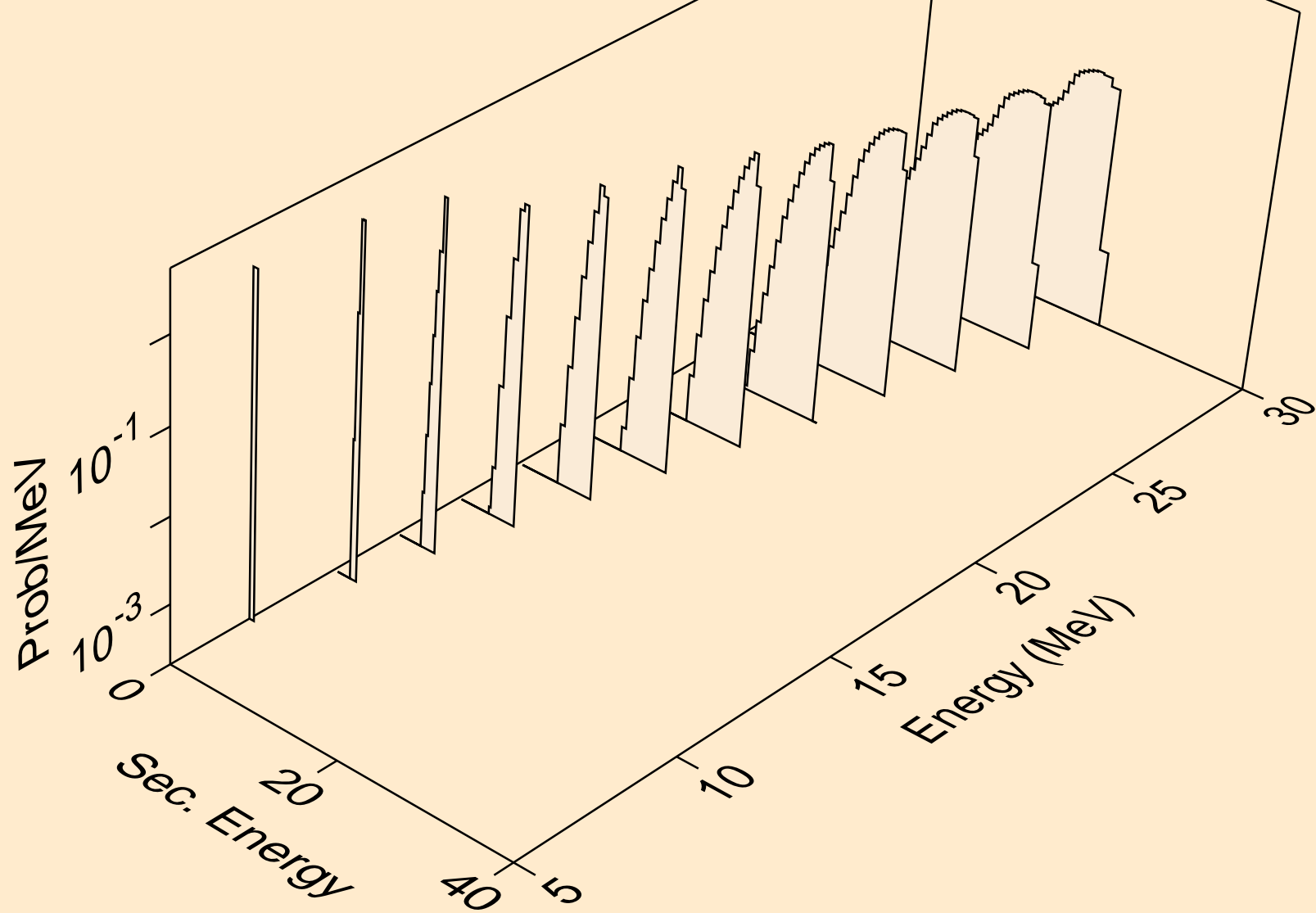


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

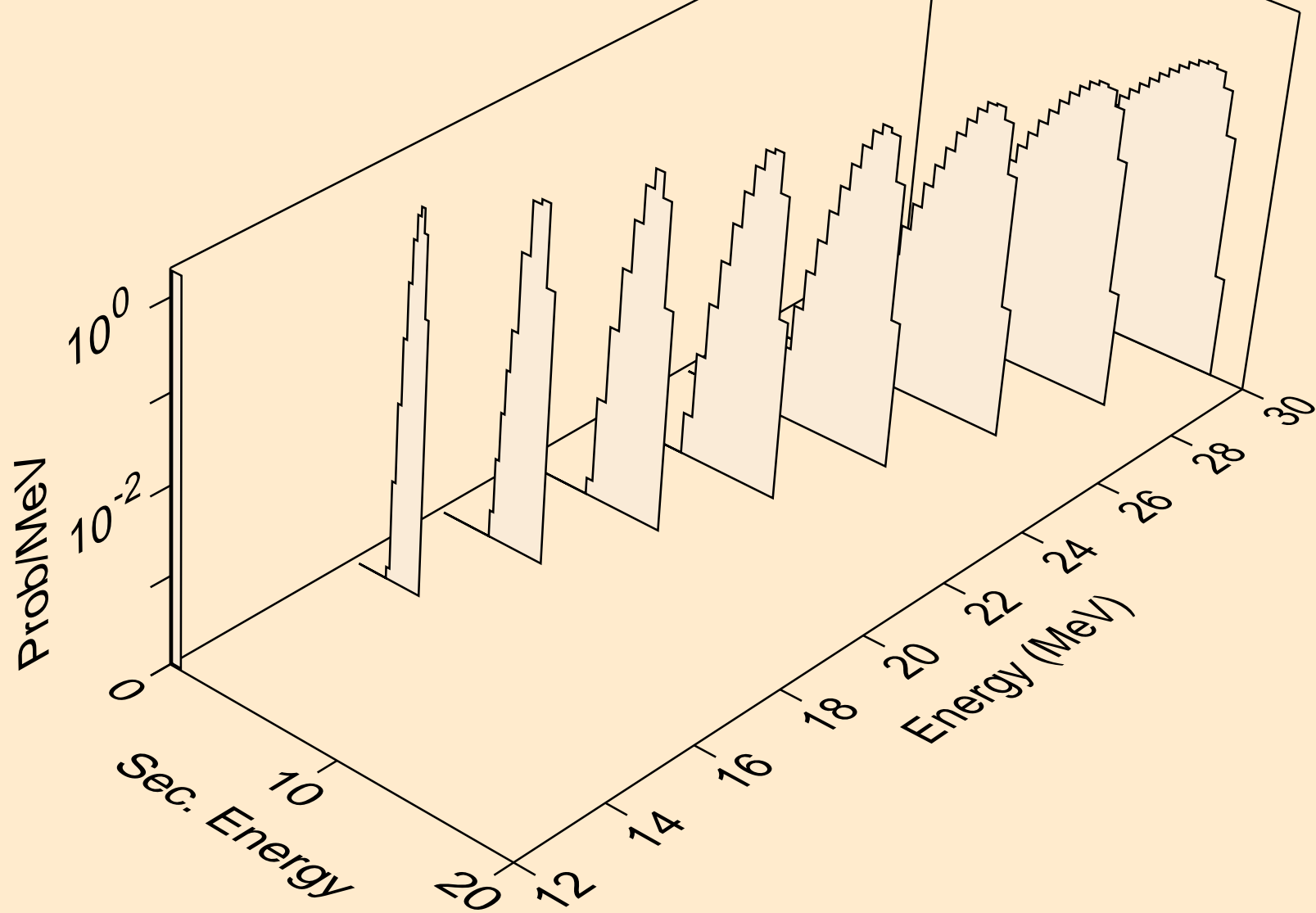




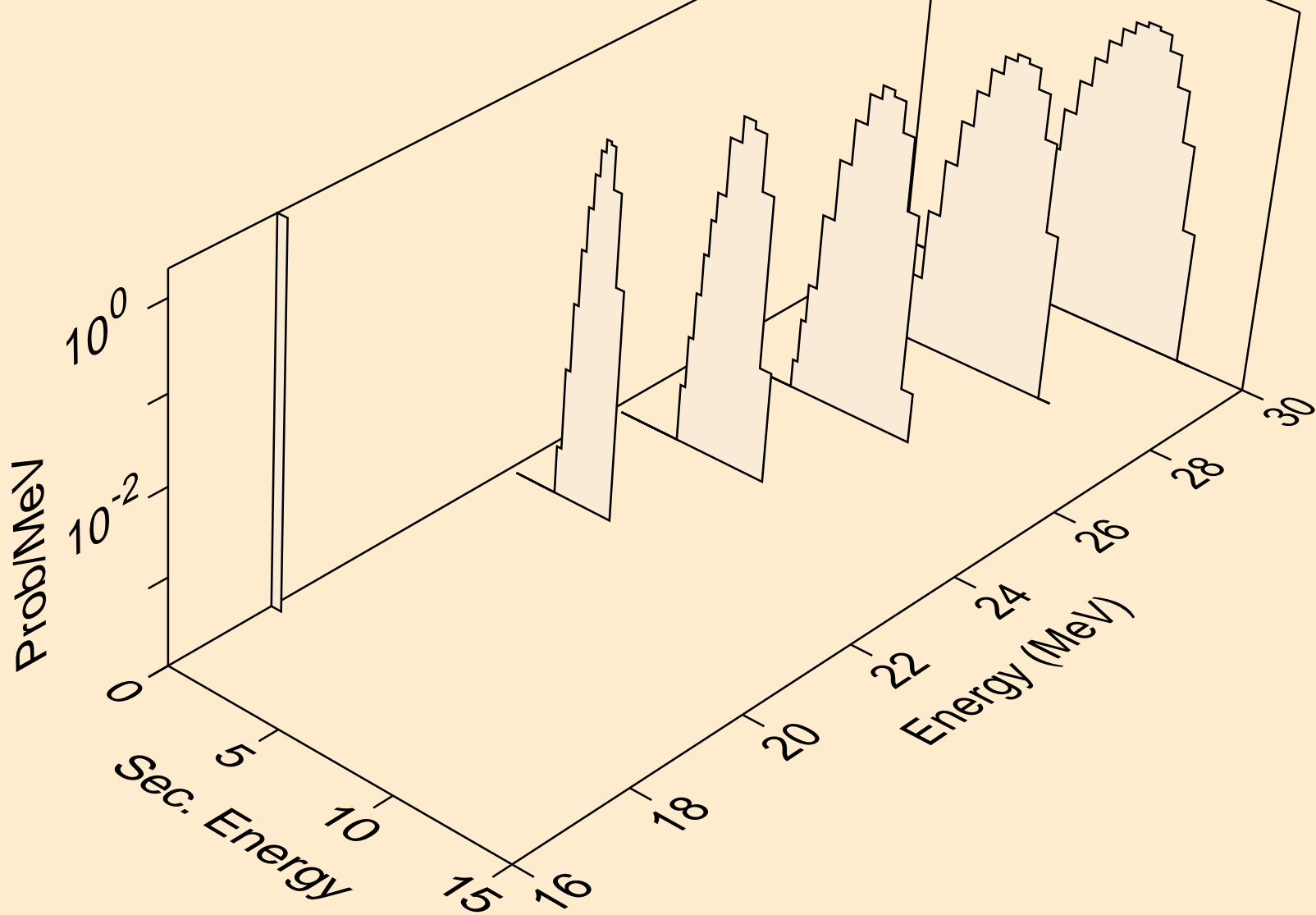
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



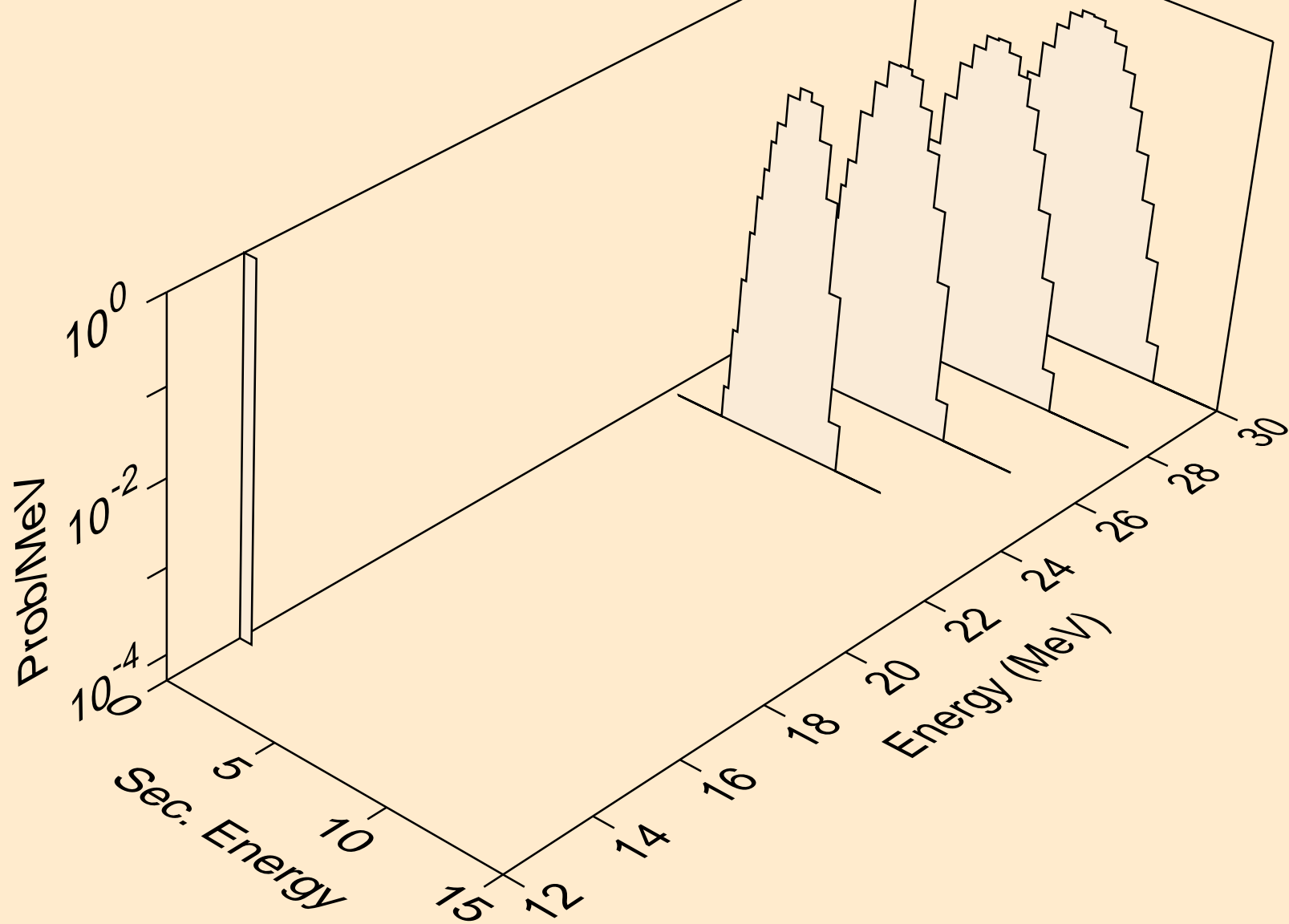
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



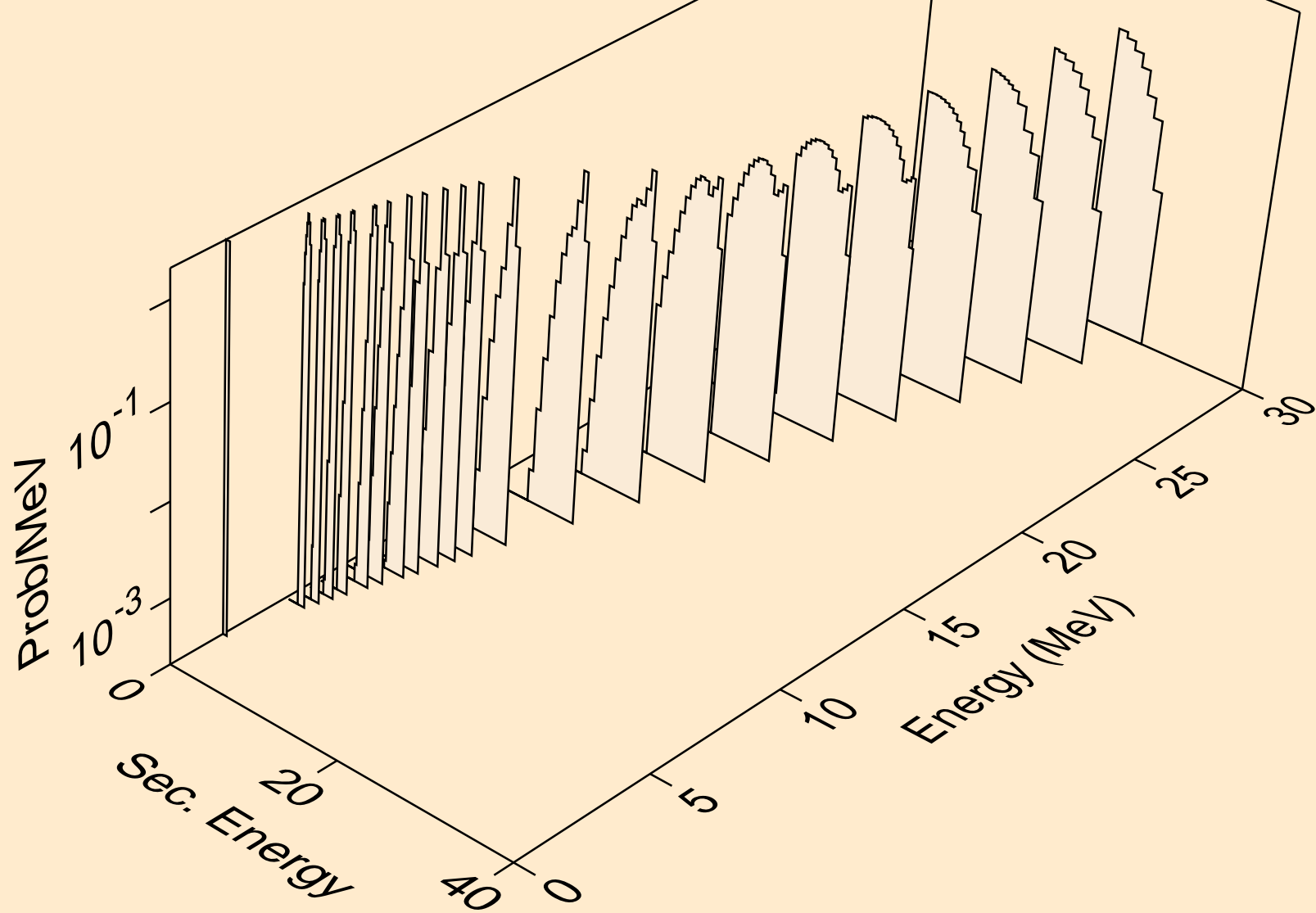
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protons from (n,3np)



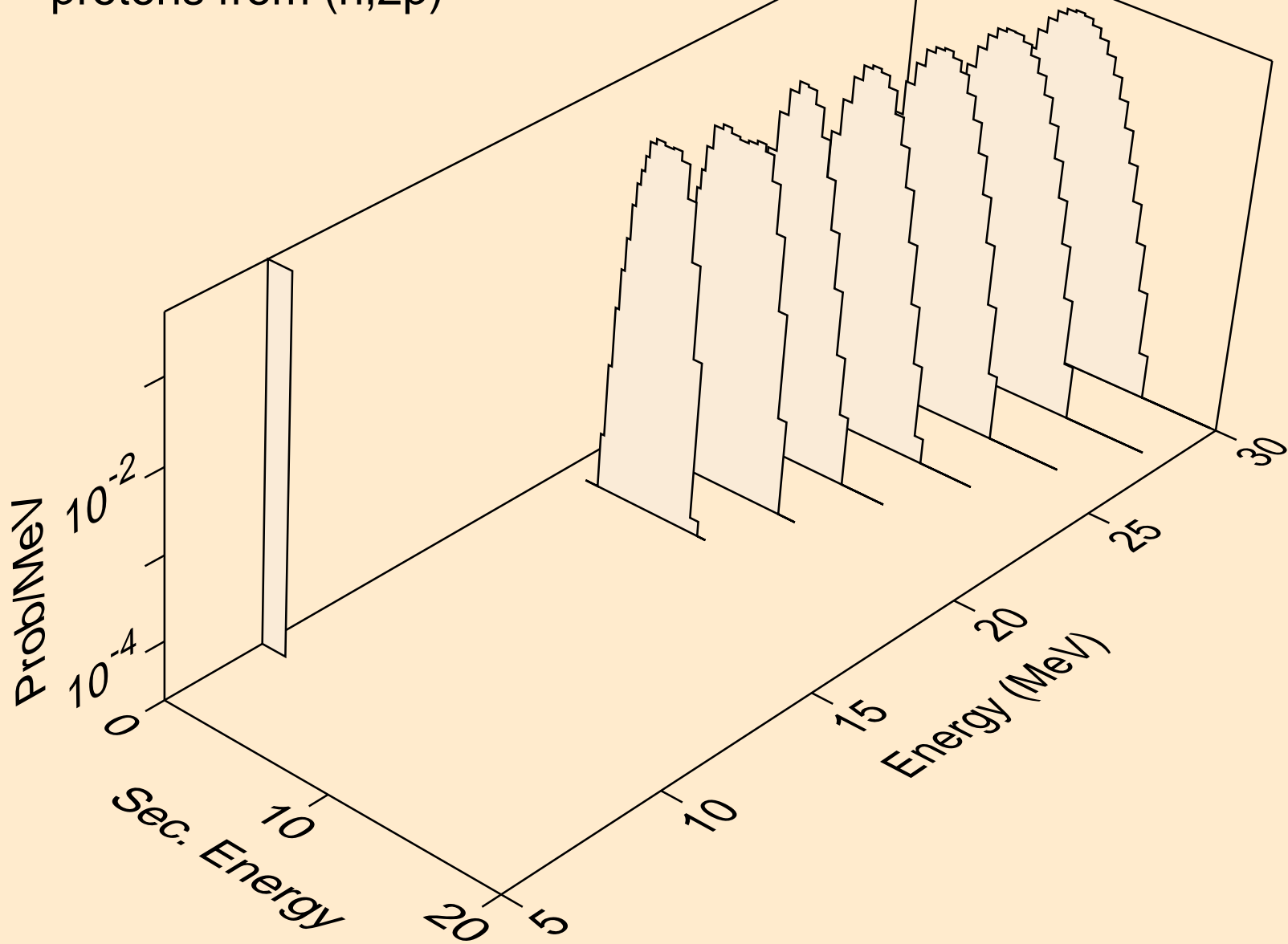
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protons from (n,n2p)



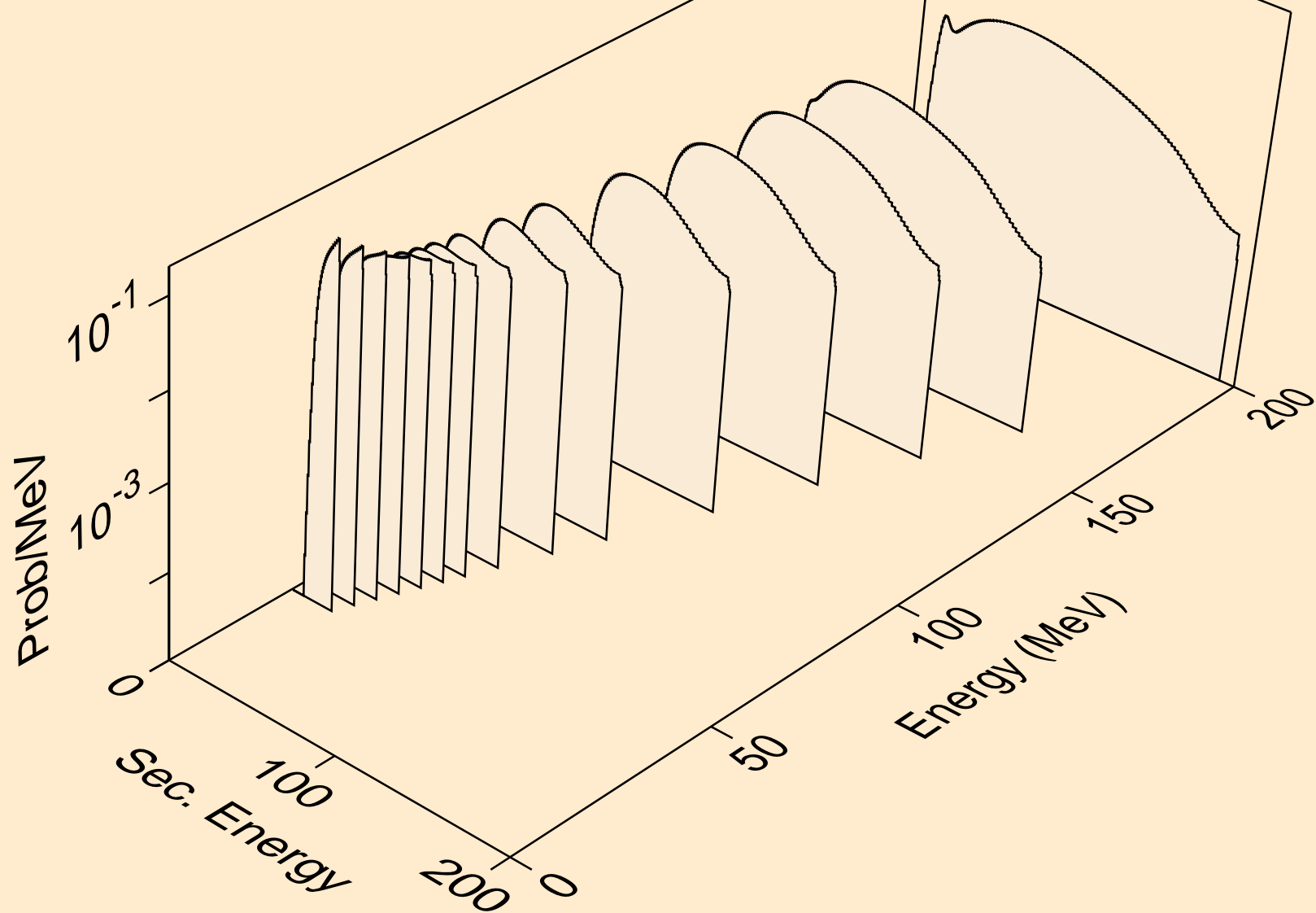
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protons from (n,p)



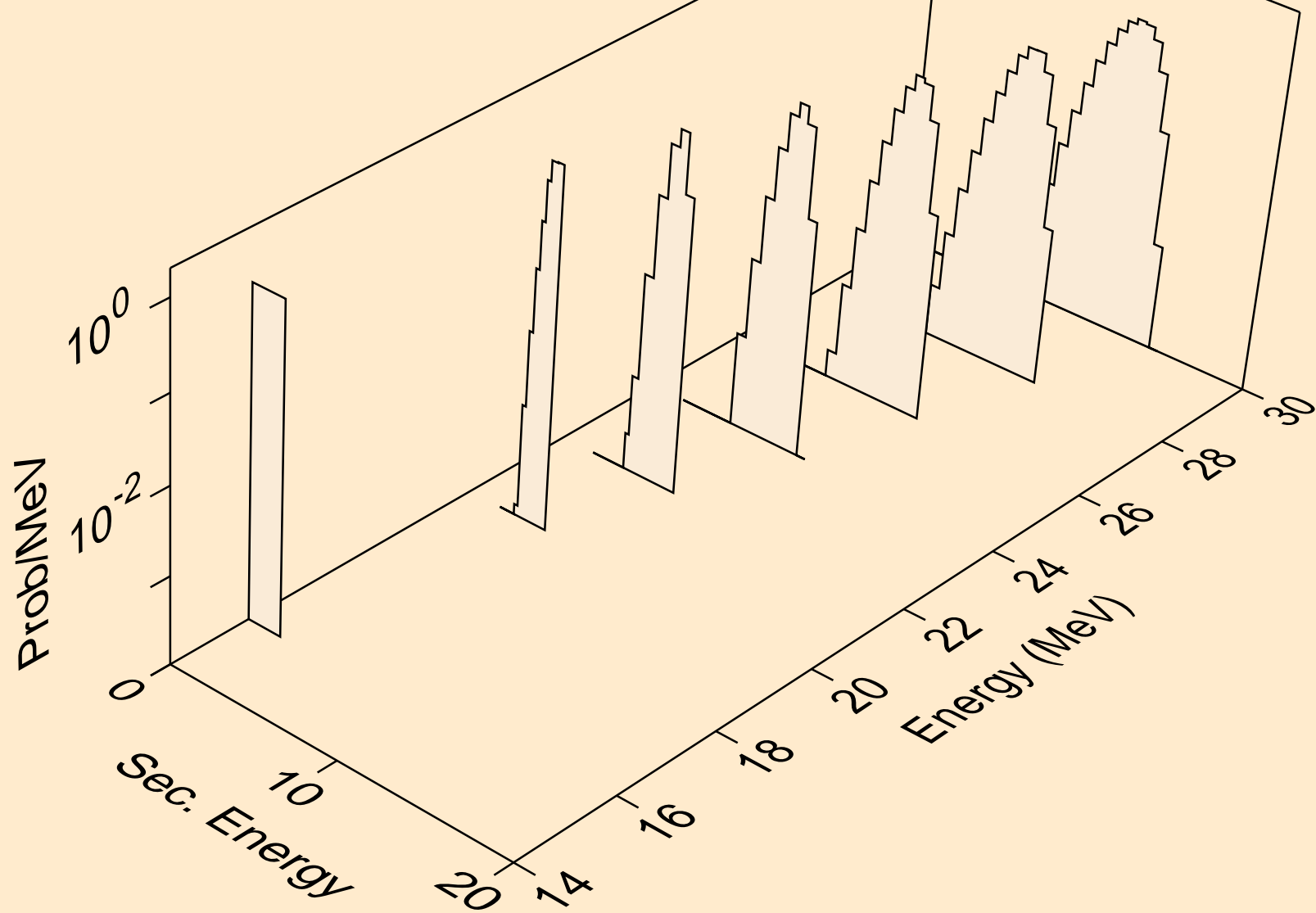
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

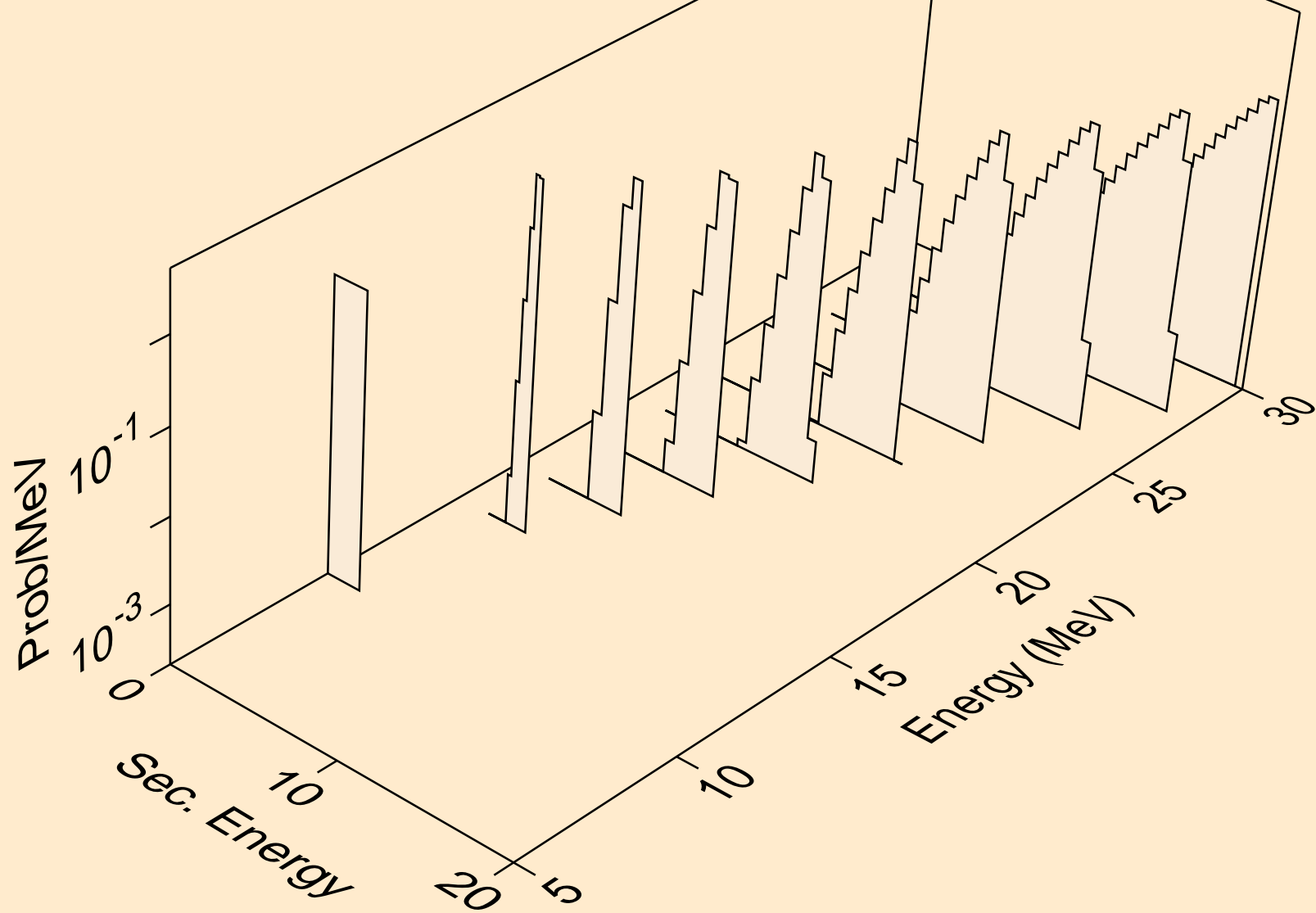


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deuterons from (n,2nd)

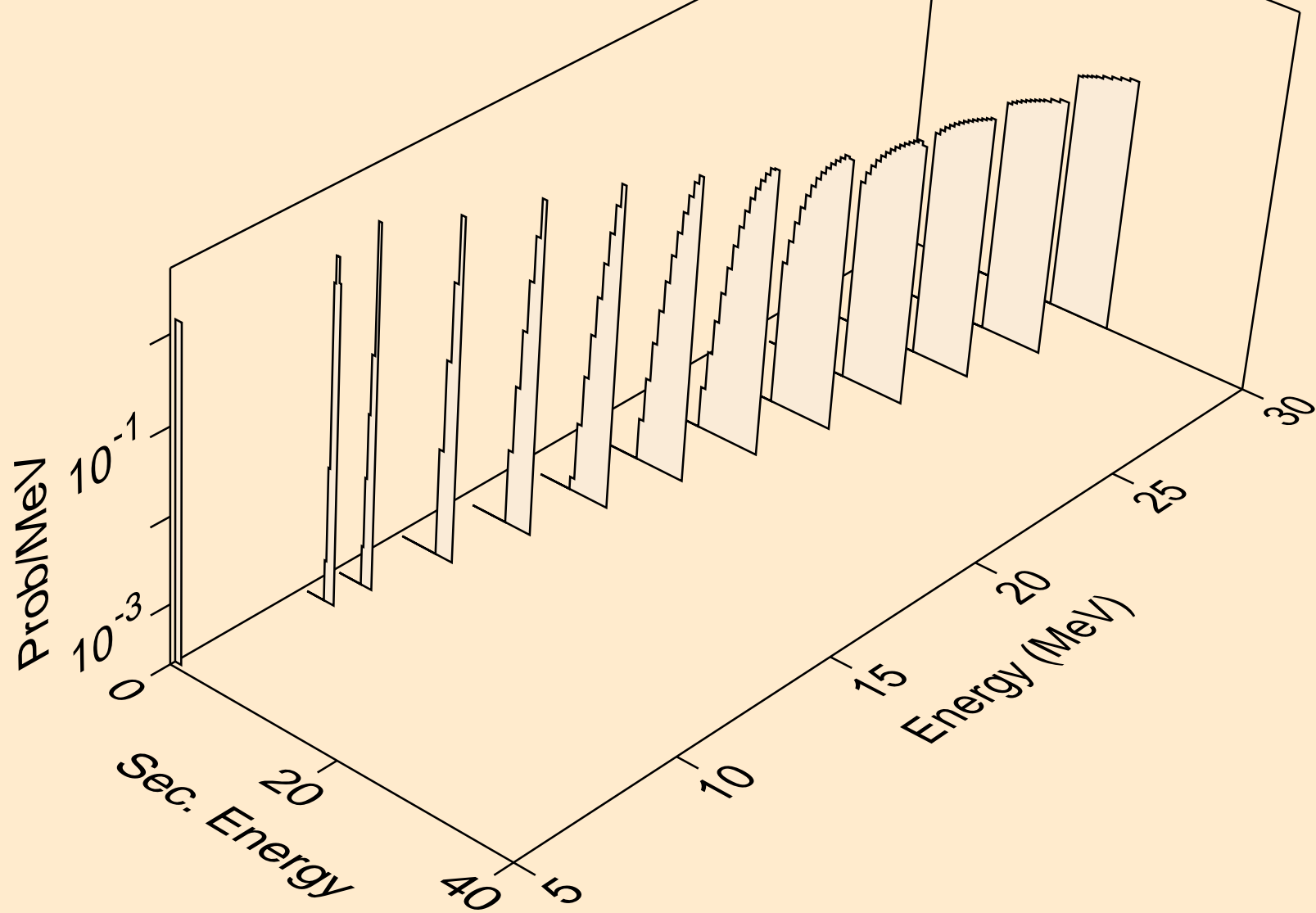




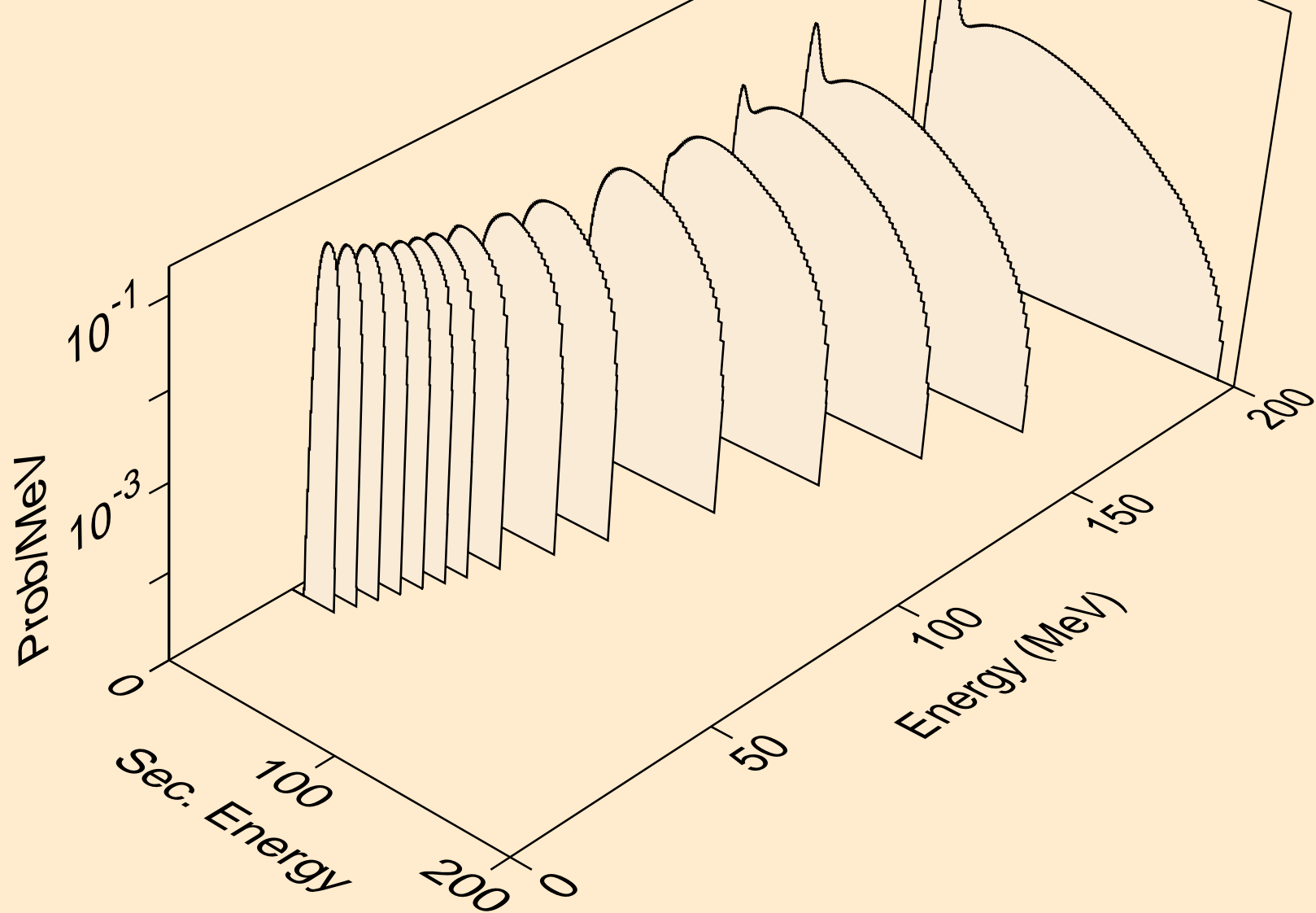
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



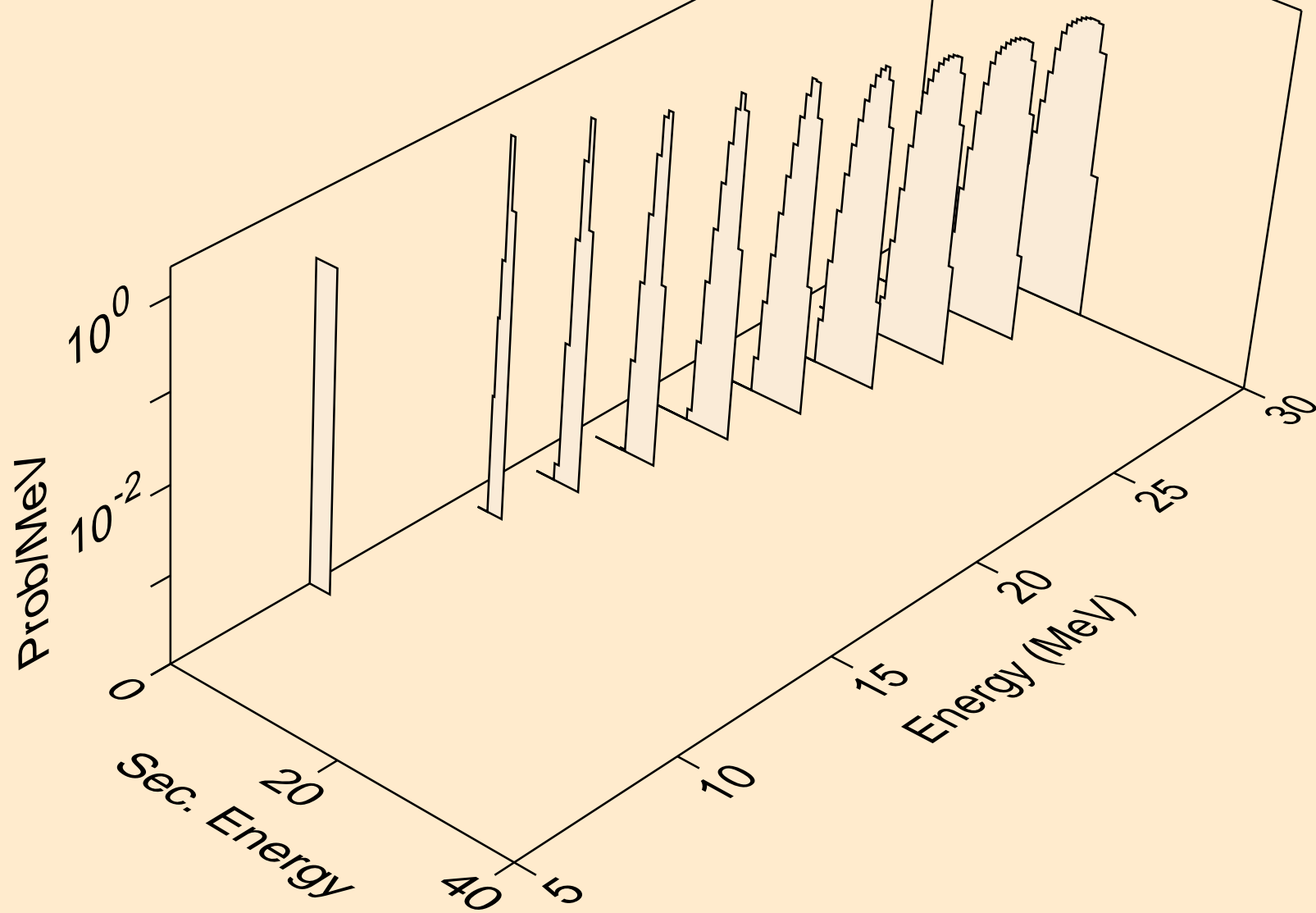
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deuterons from (n,d)



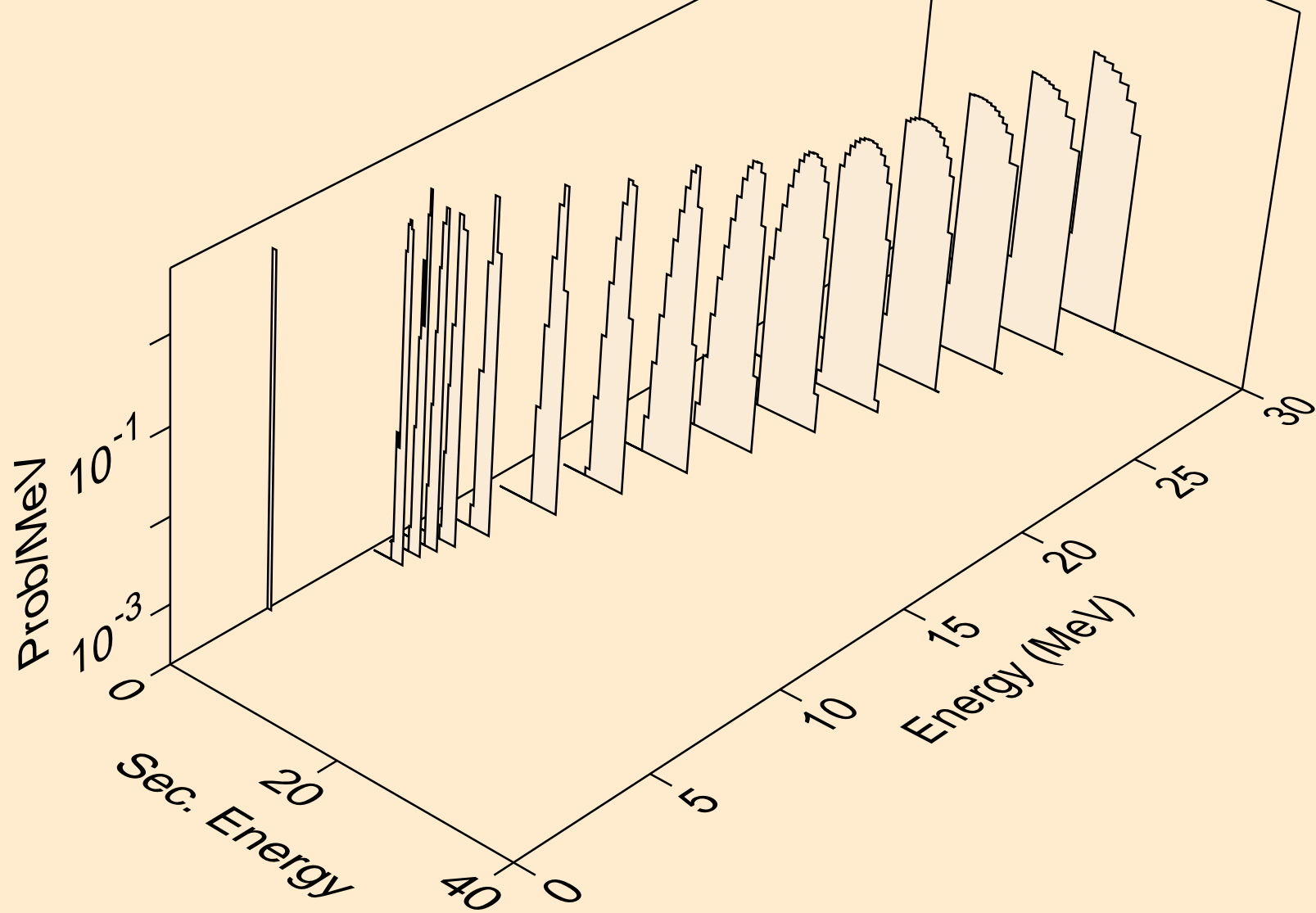
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



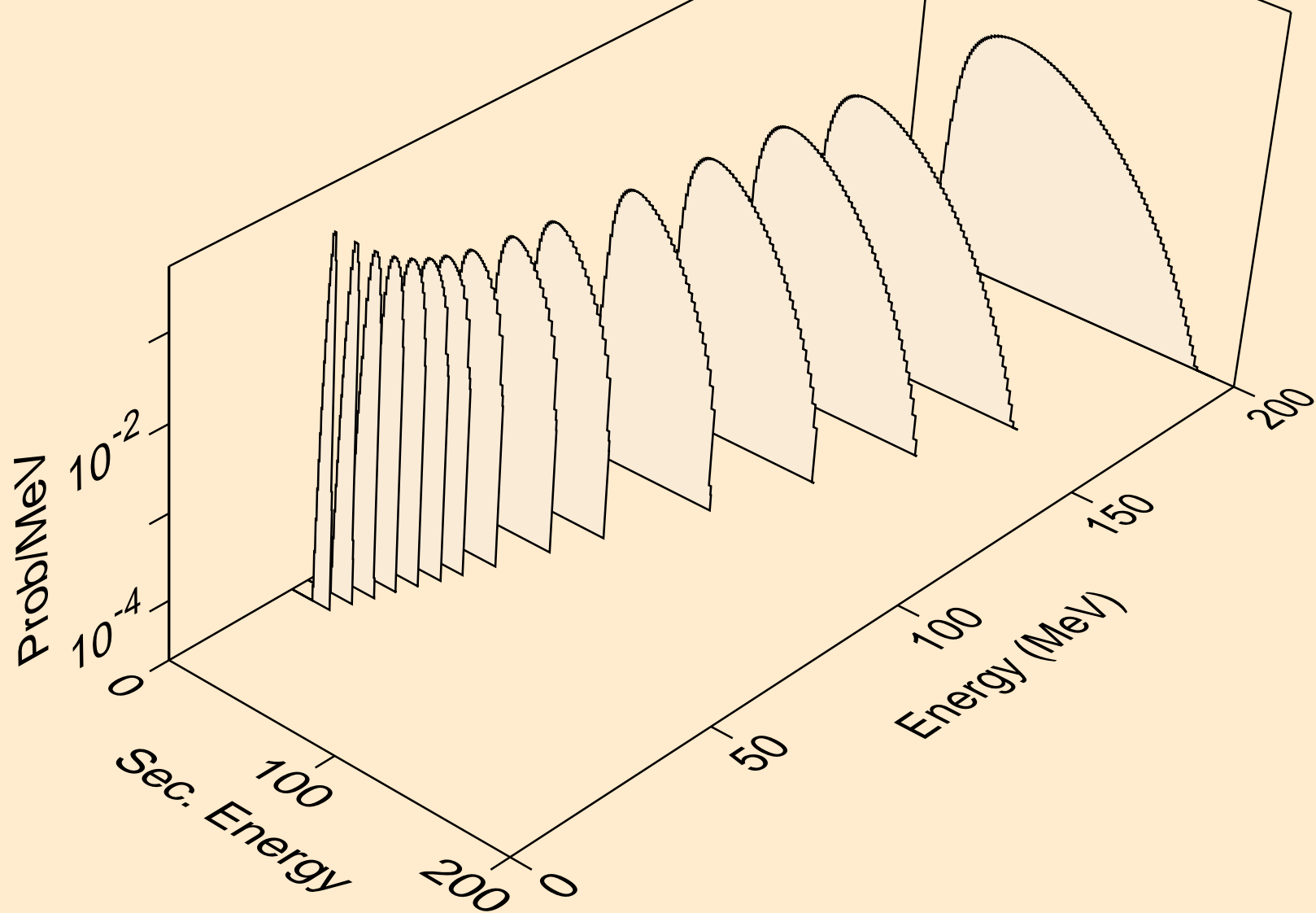
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



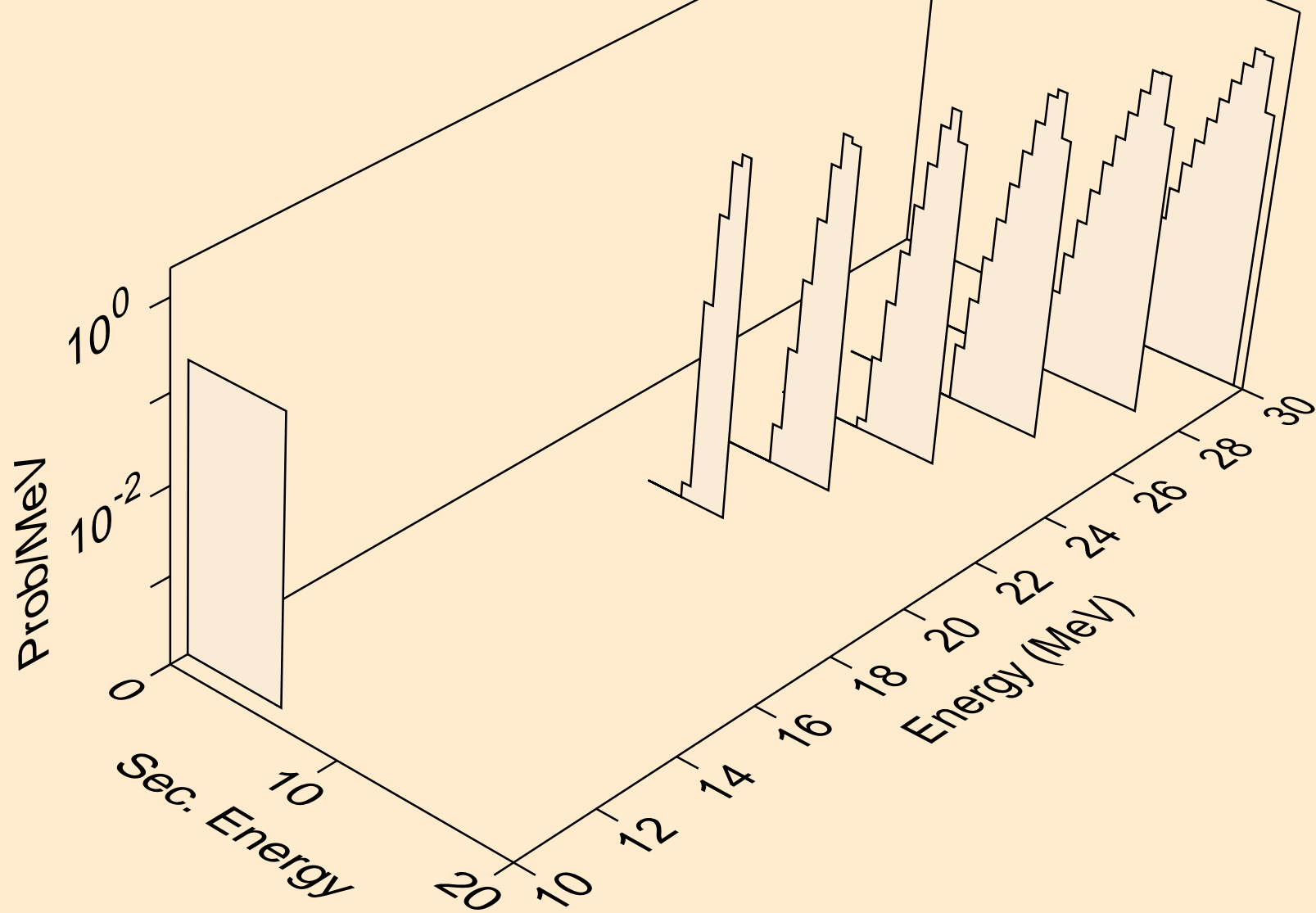
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tritons from (n,t)



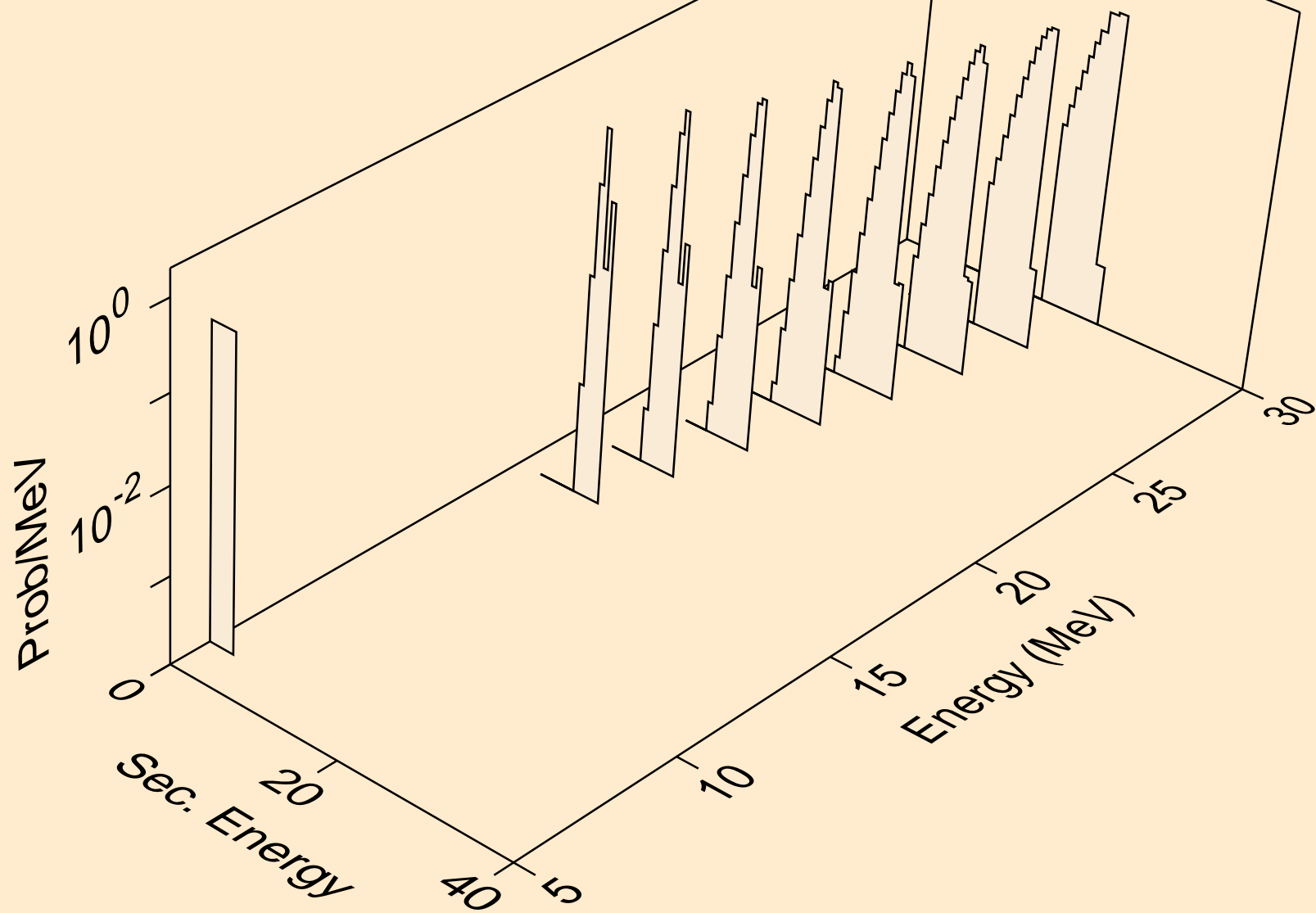
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

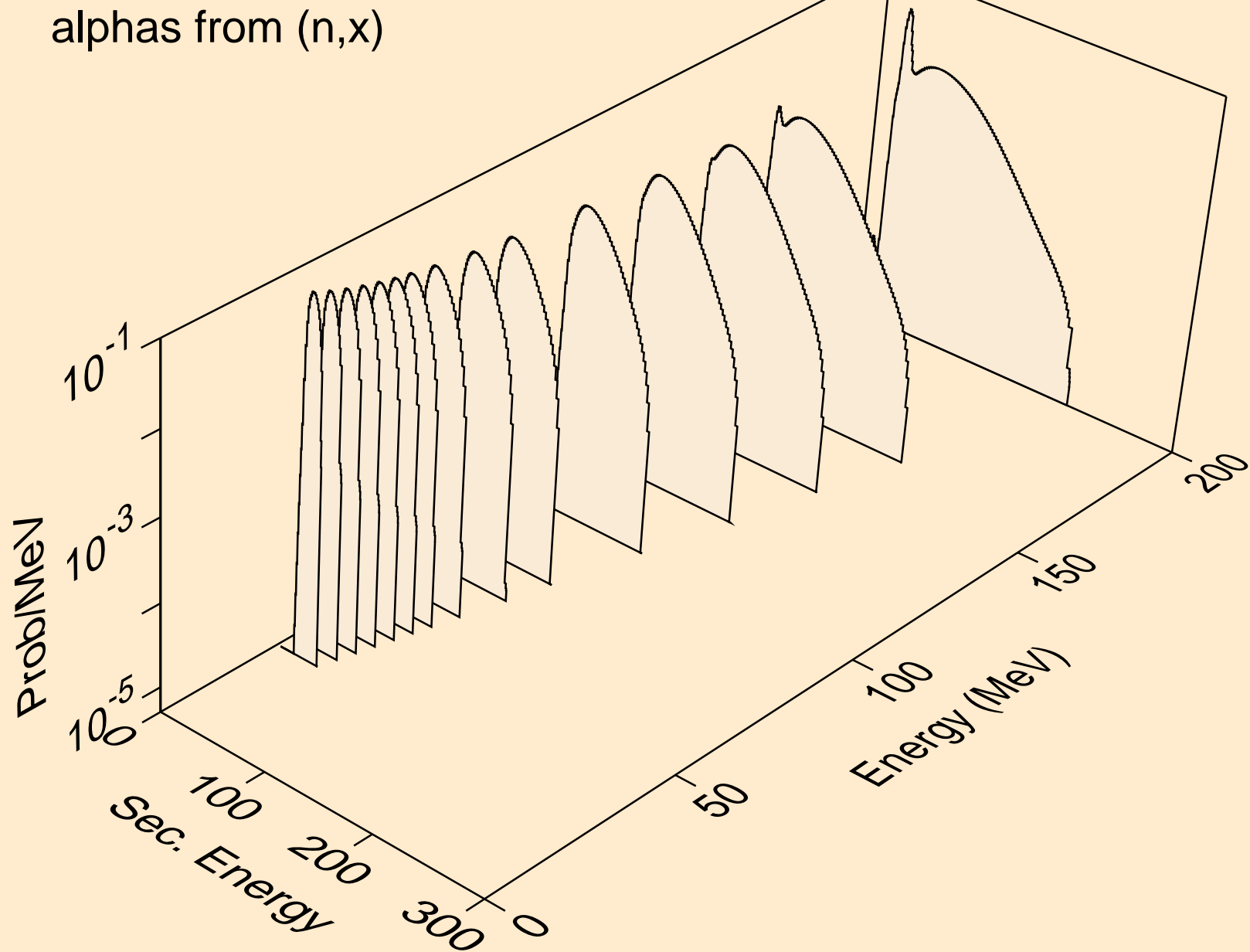


PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

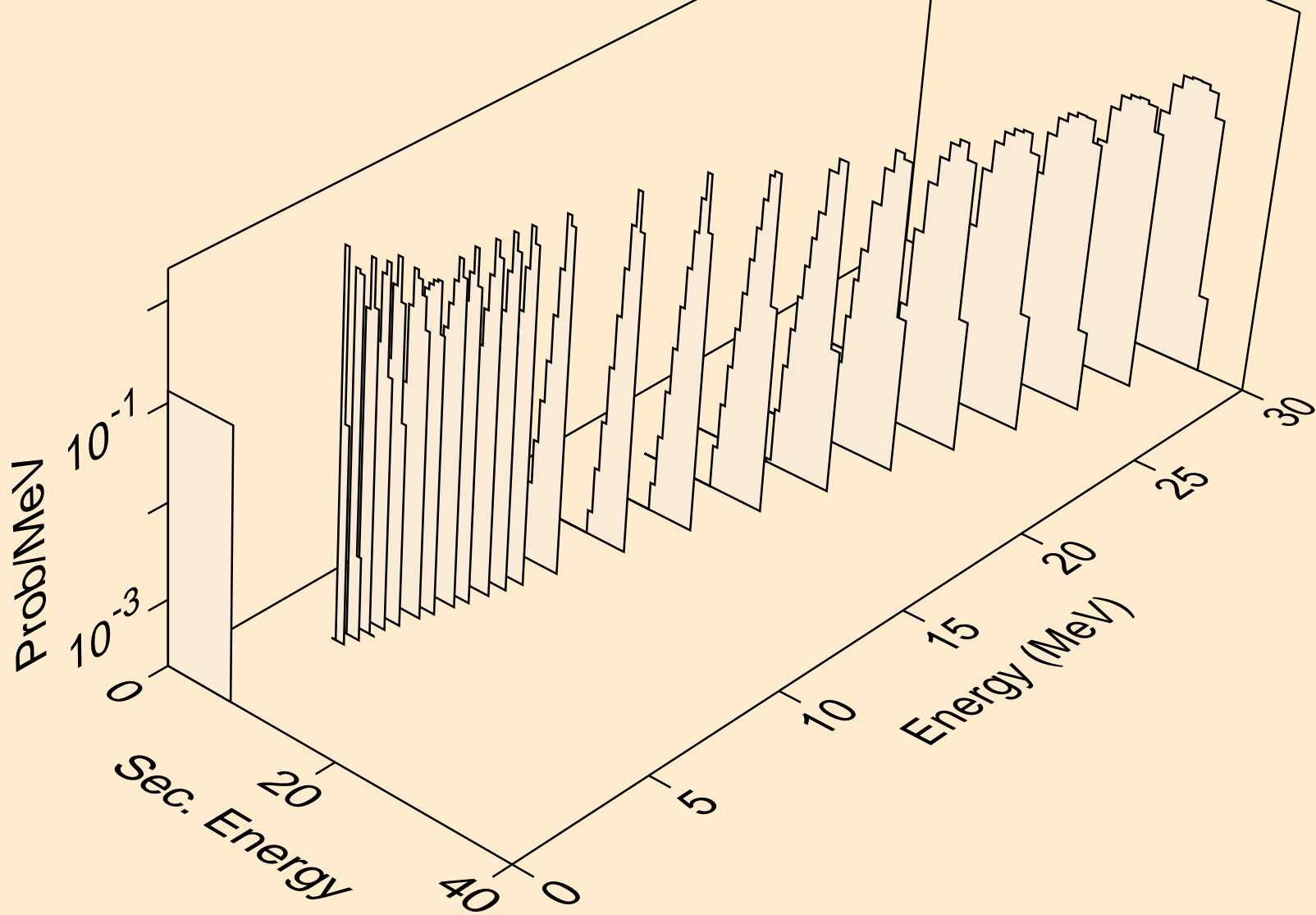




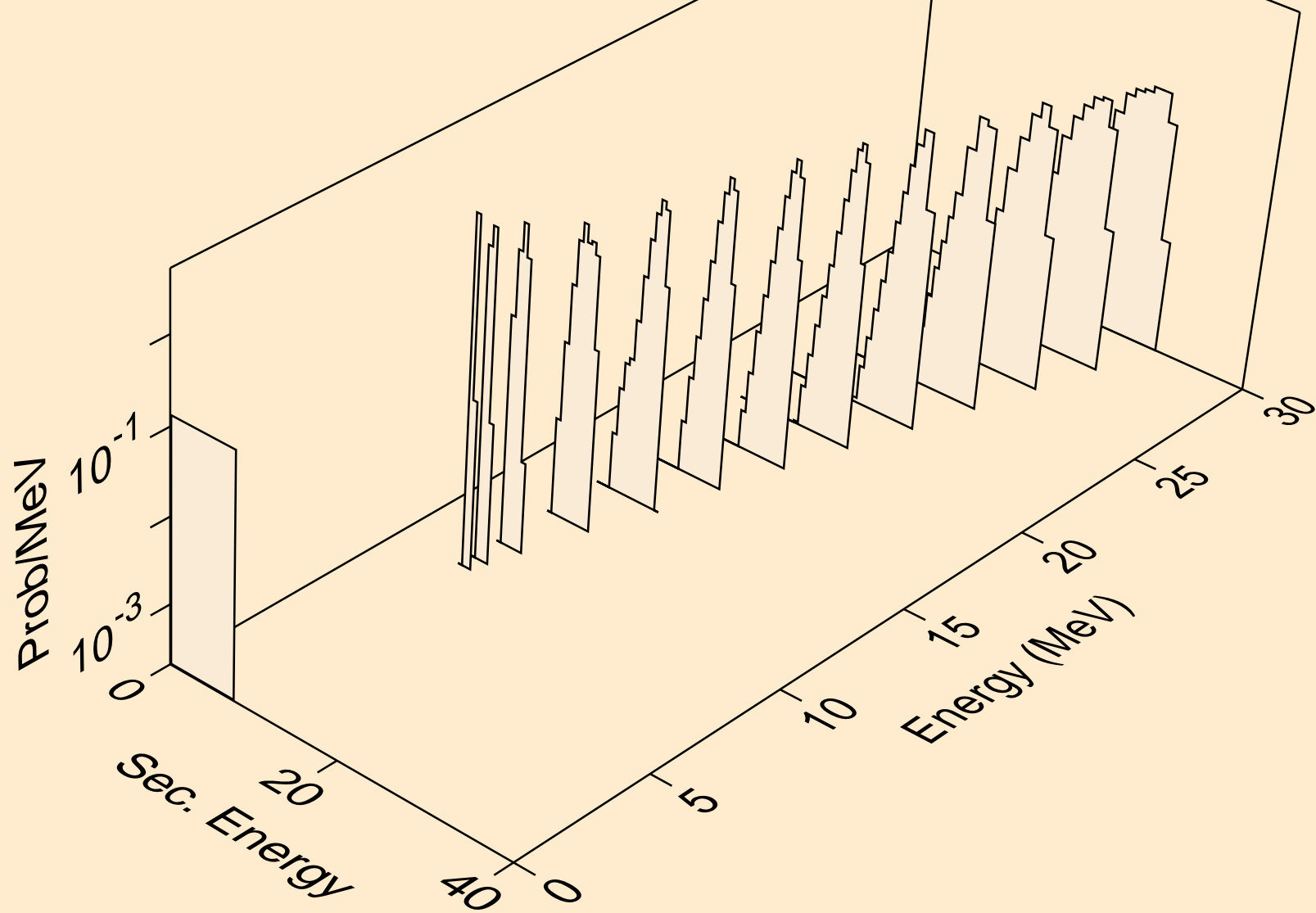
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



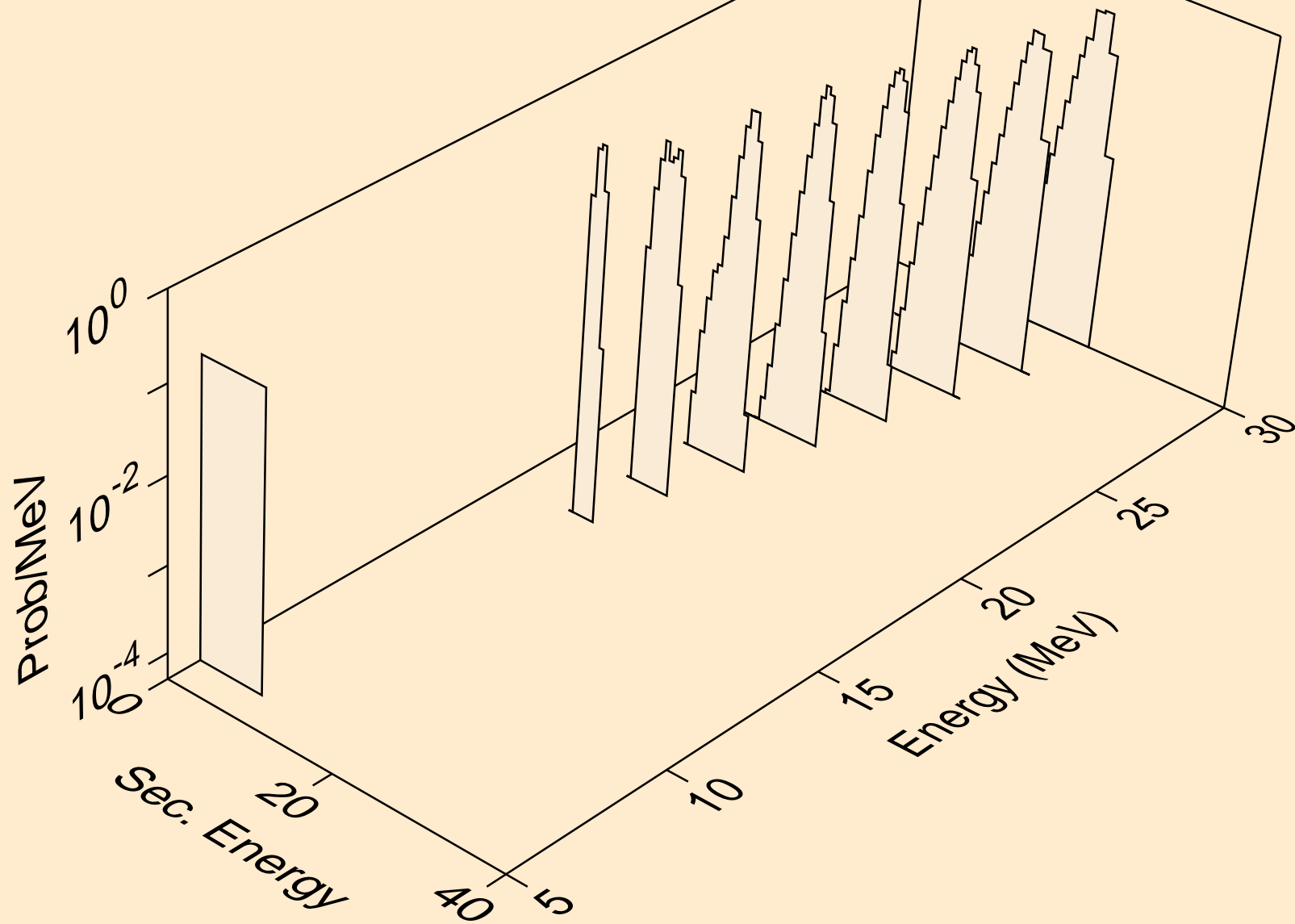
PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



PU245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

