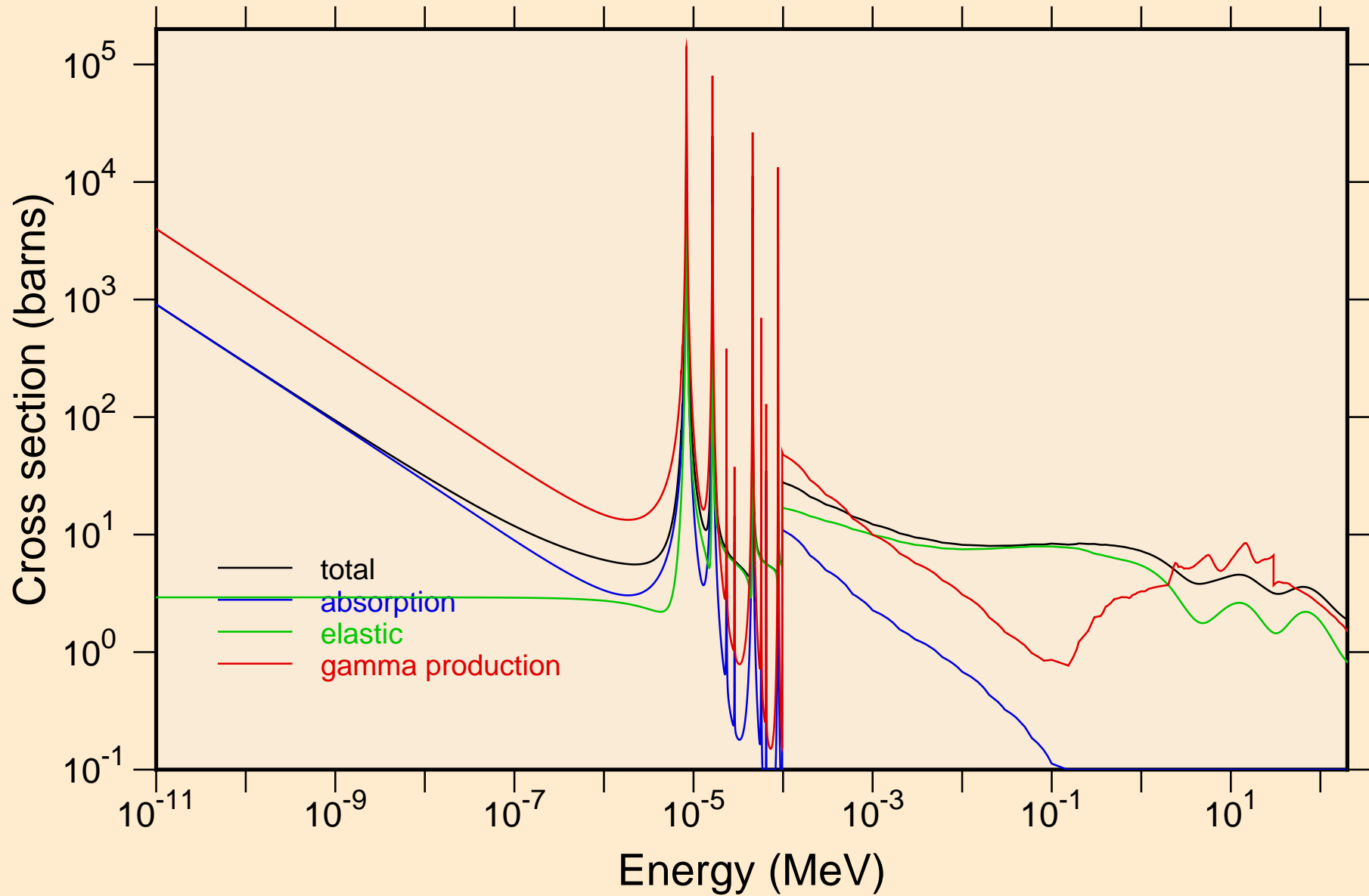
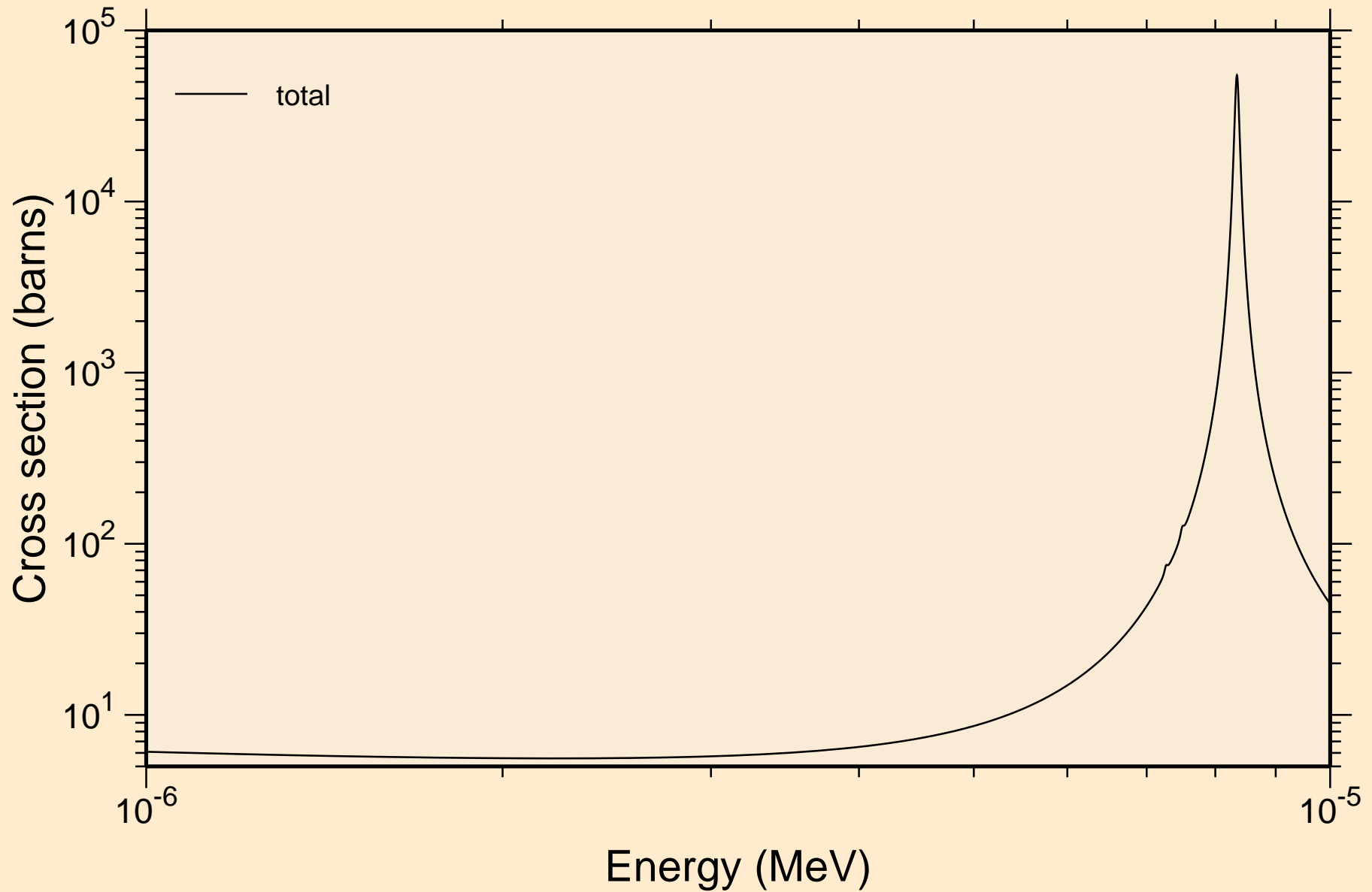


# PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

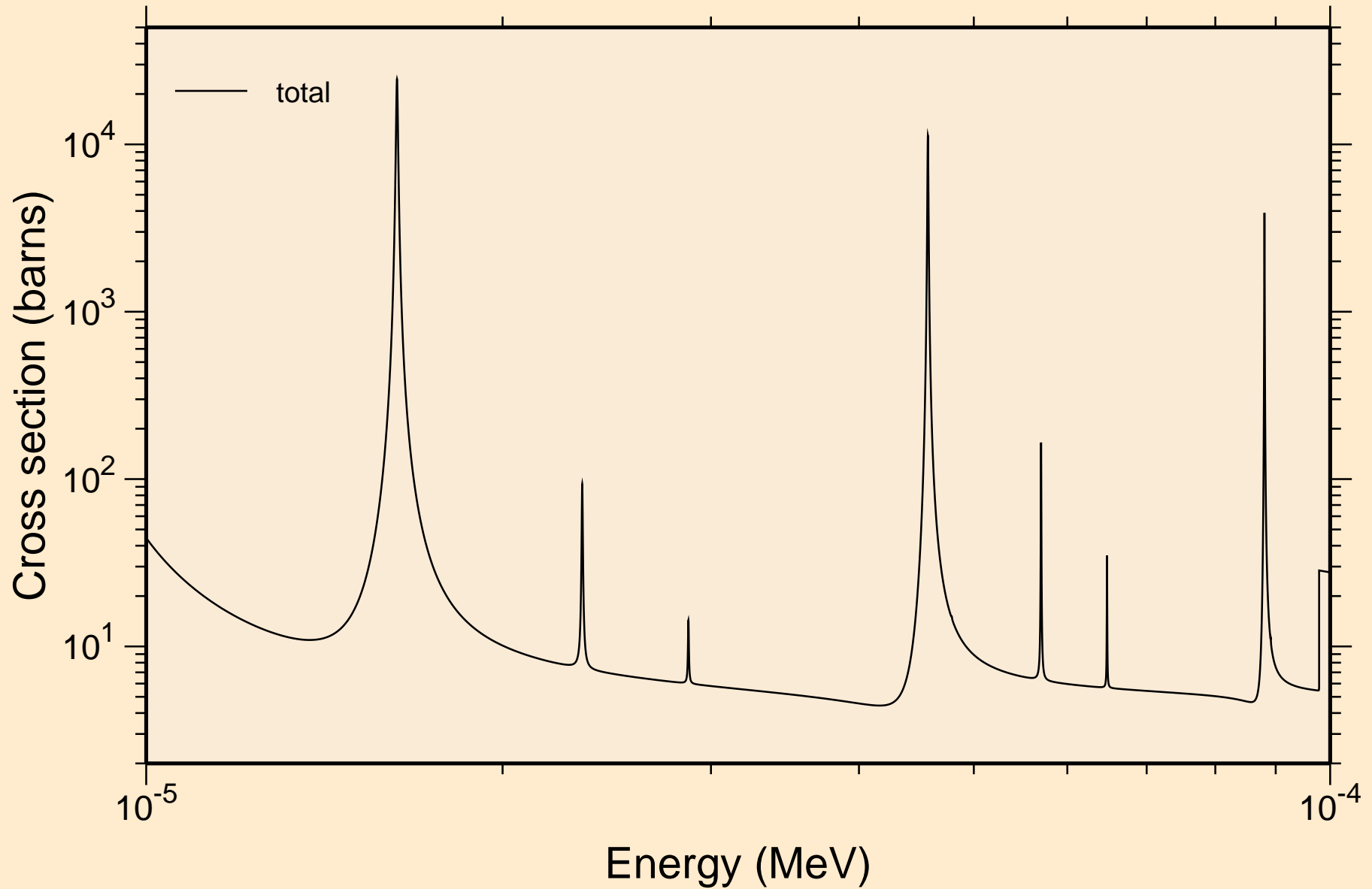
## Principal cross sections



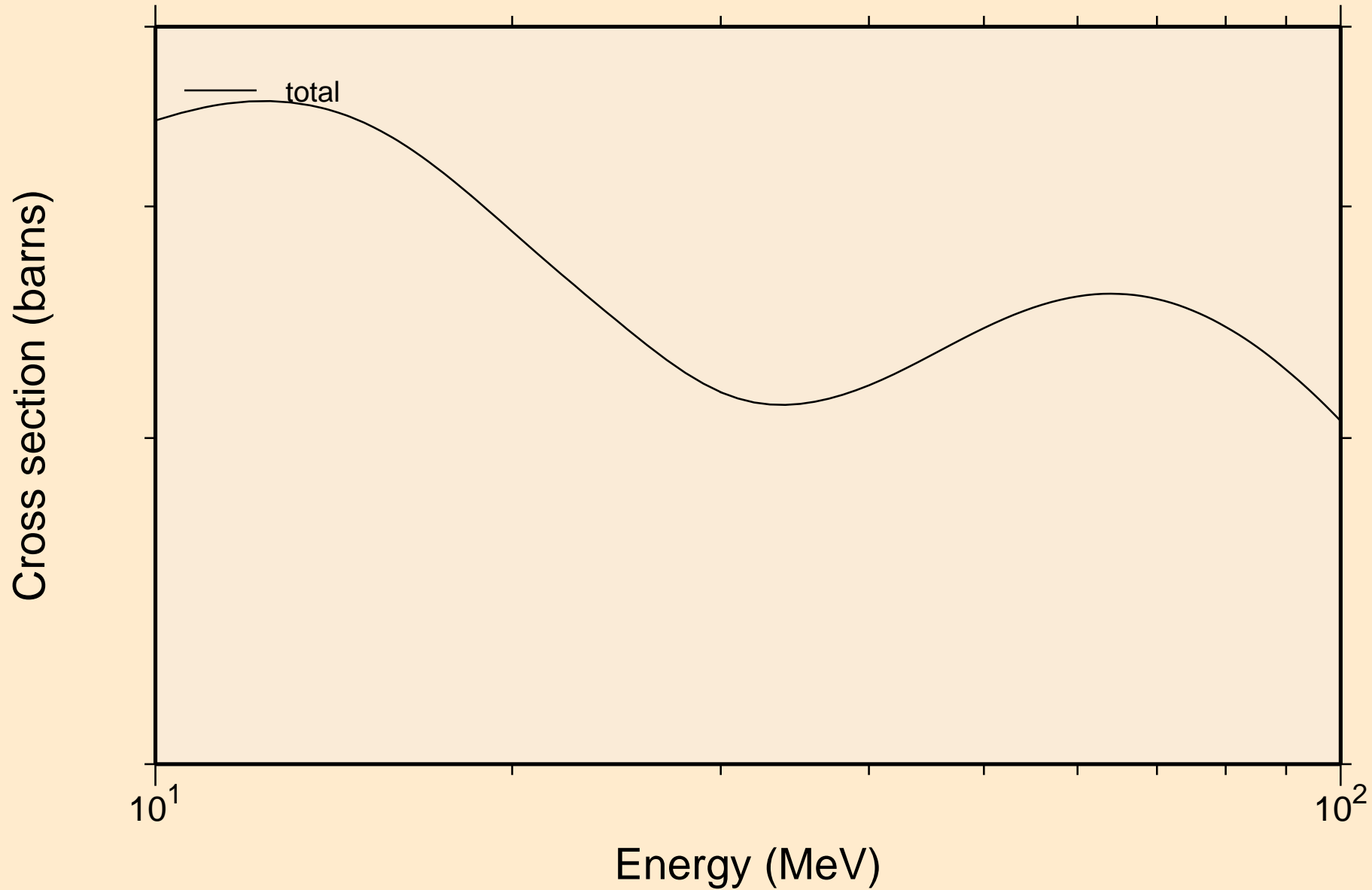
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



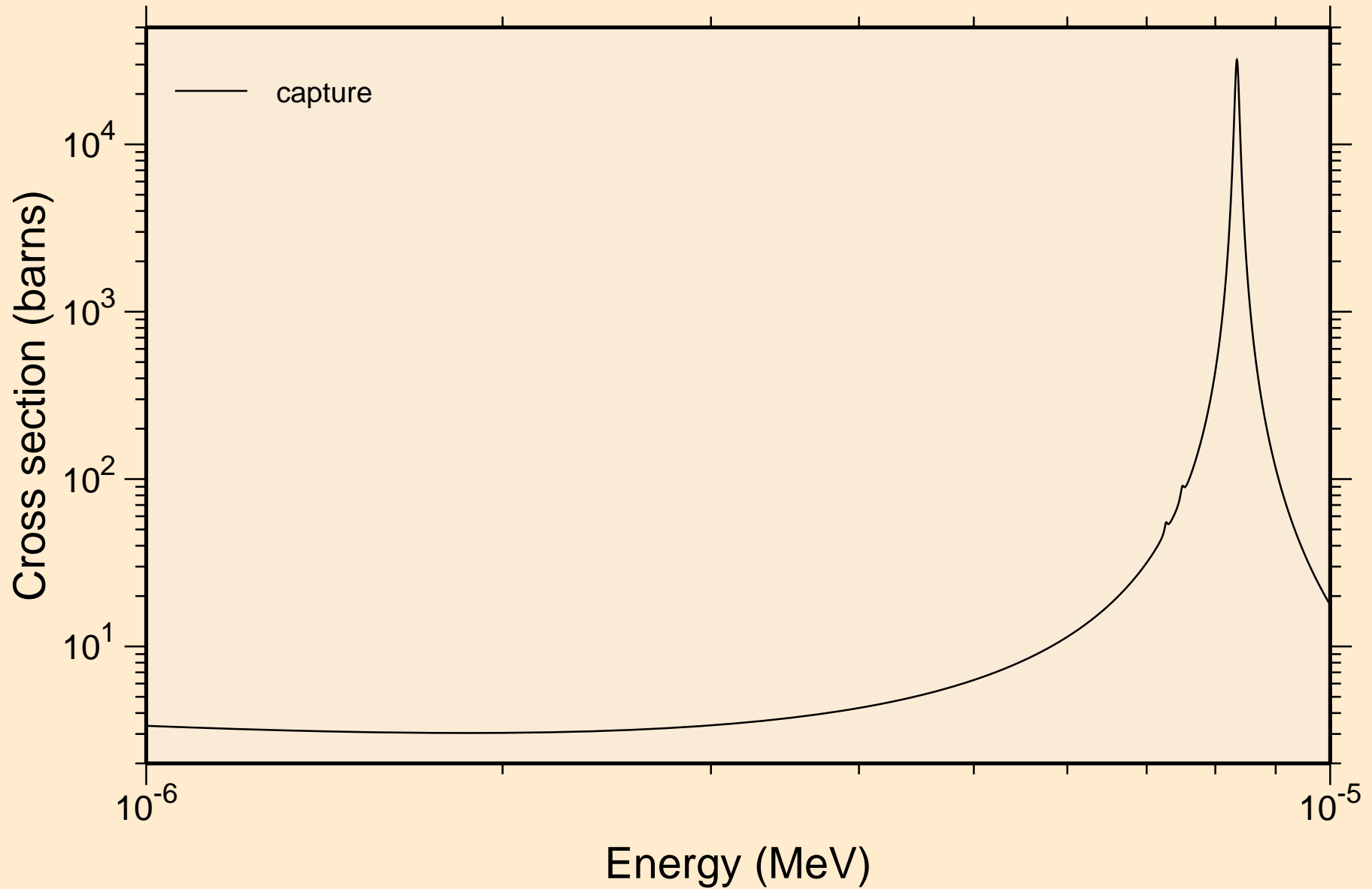
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



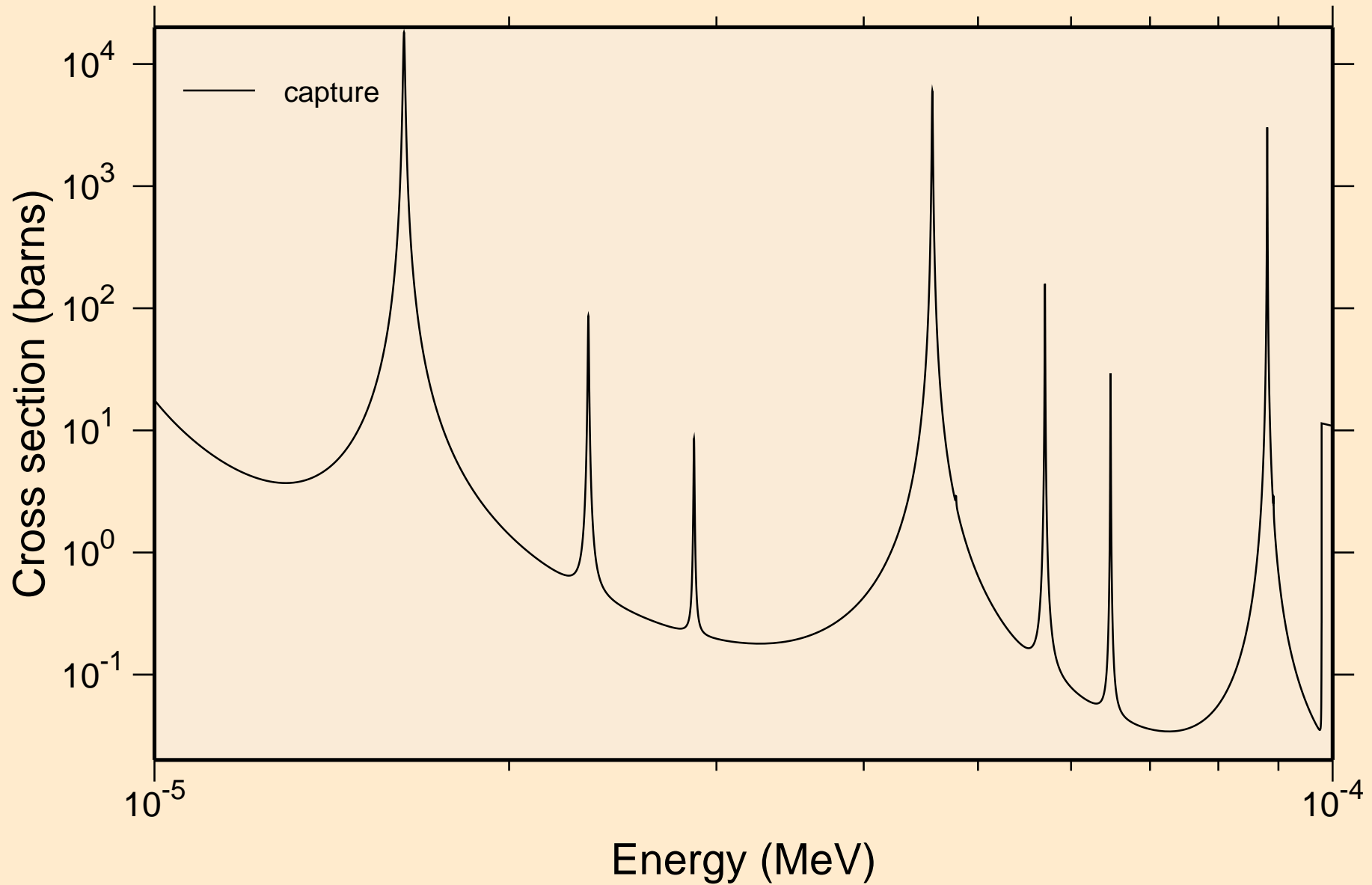
P̄D113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



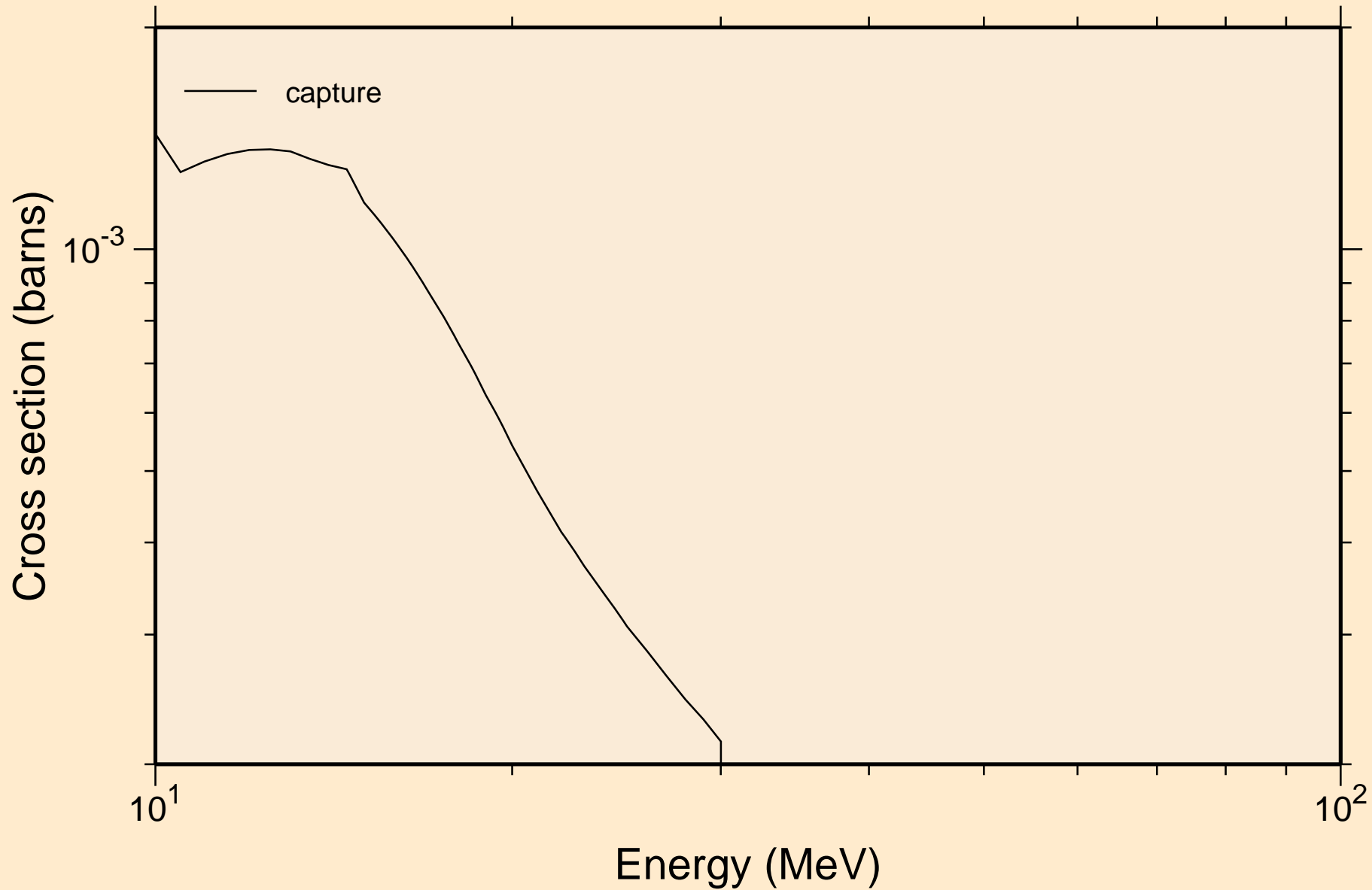
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

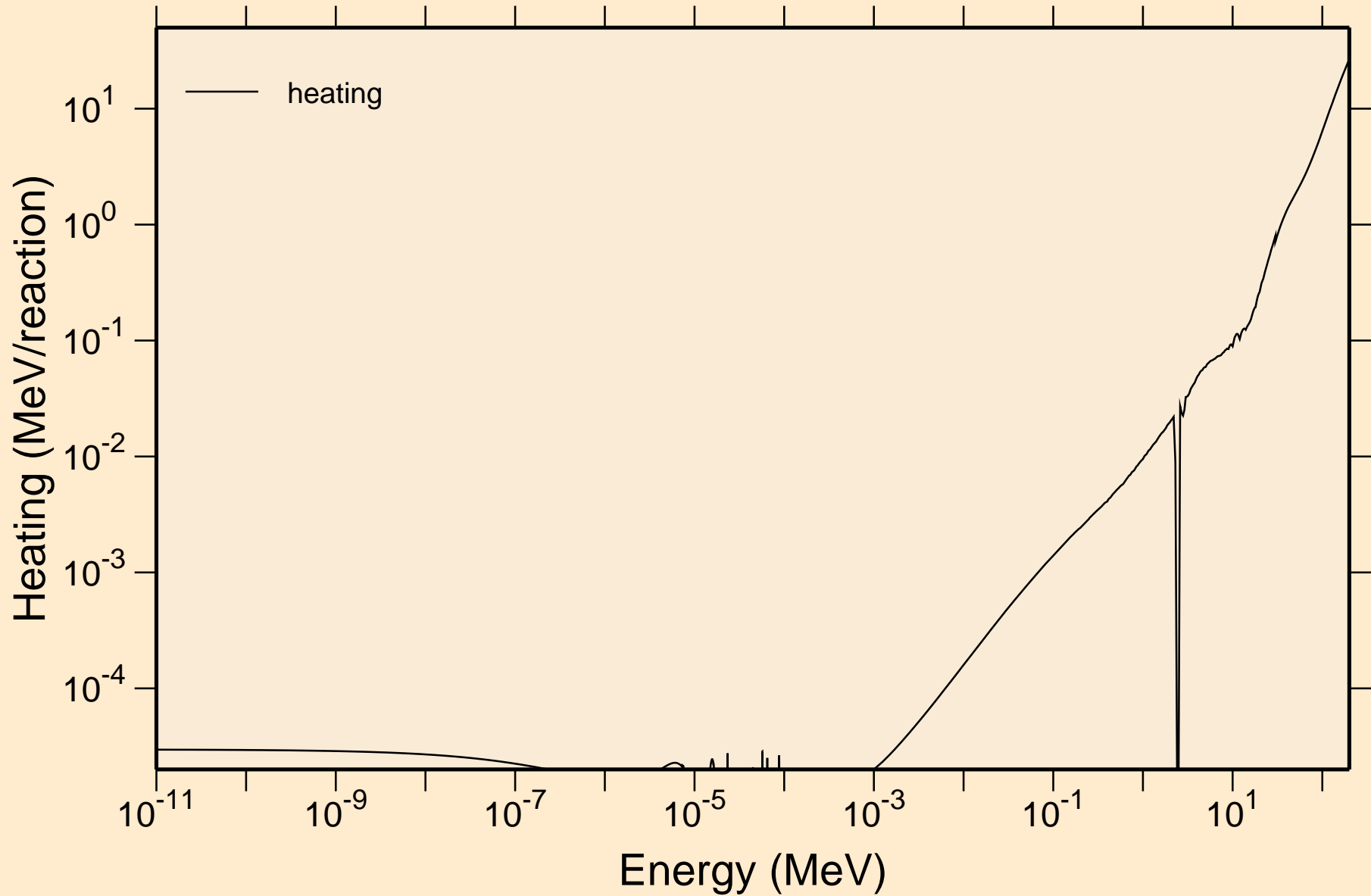


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



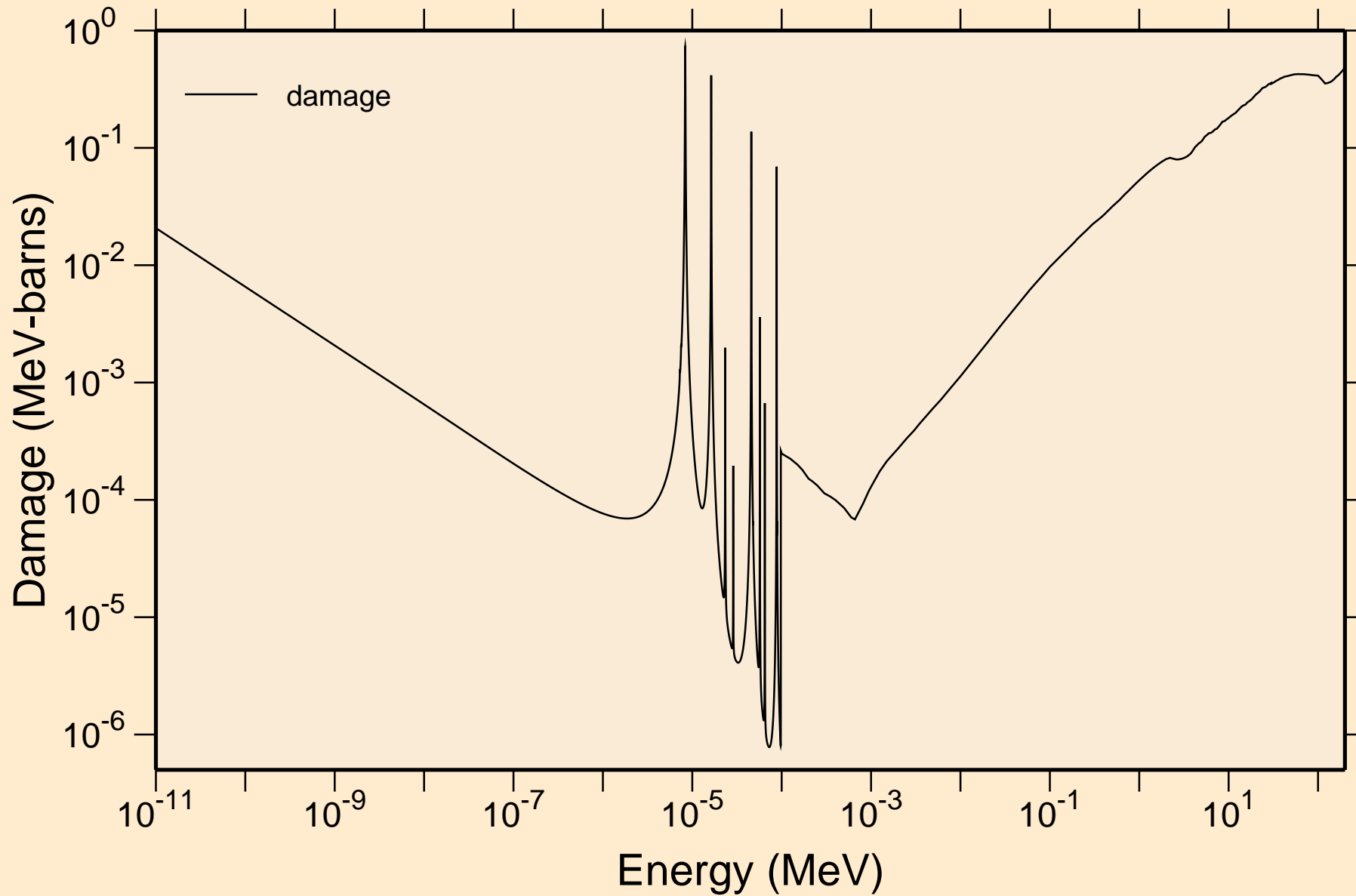
# PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

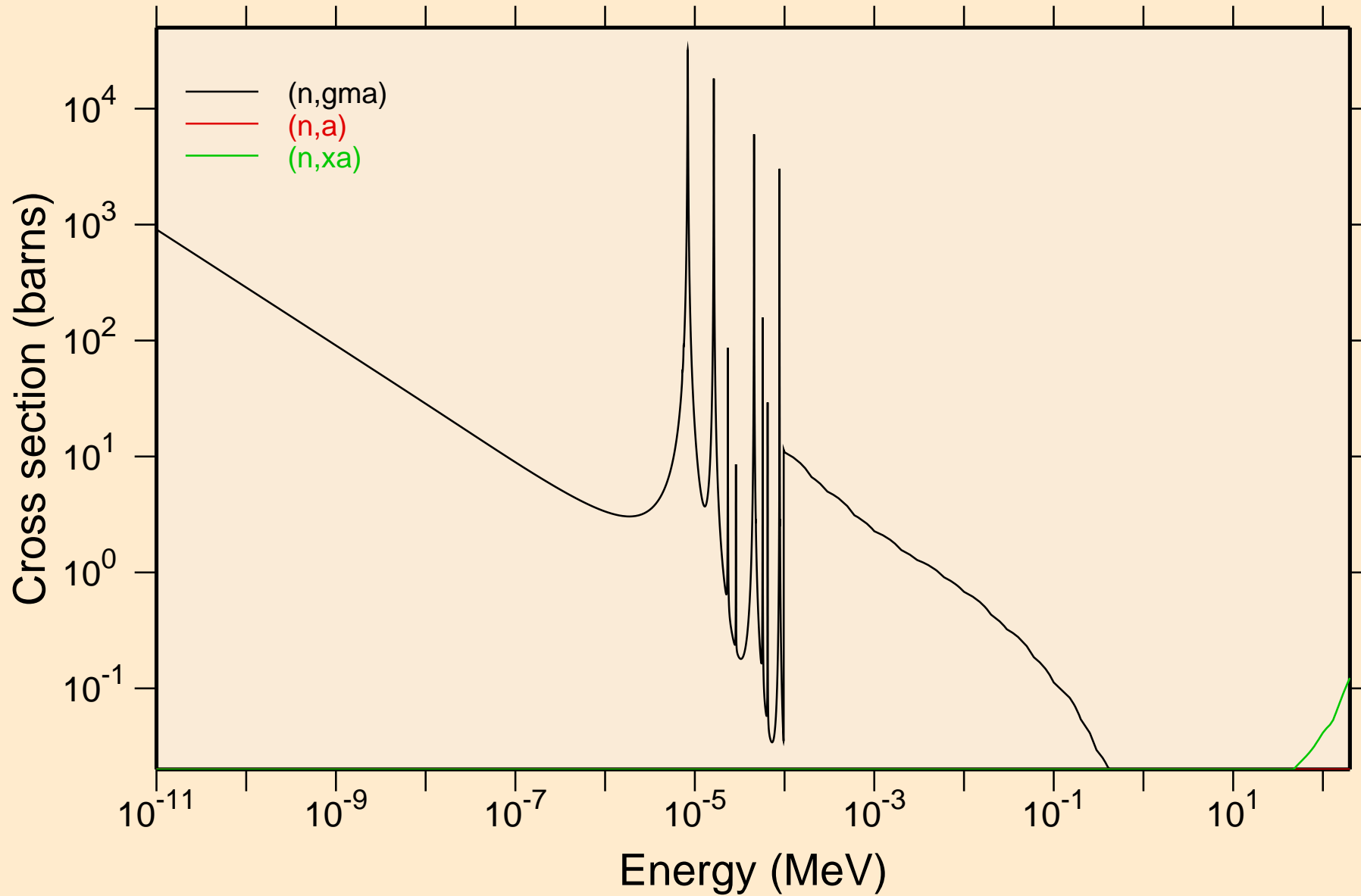




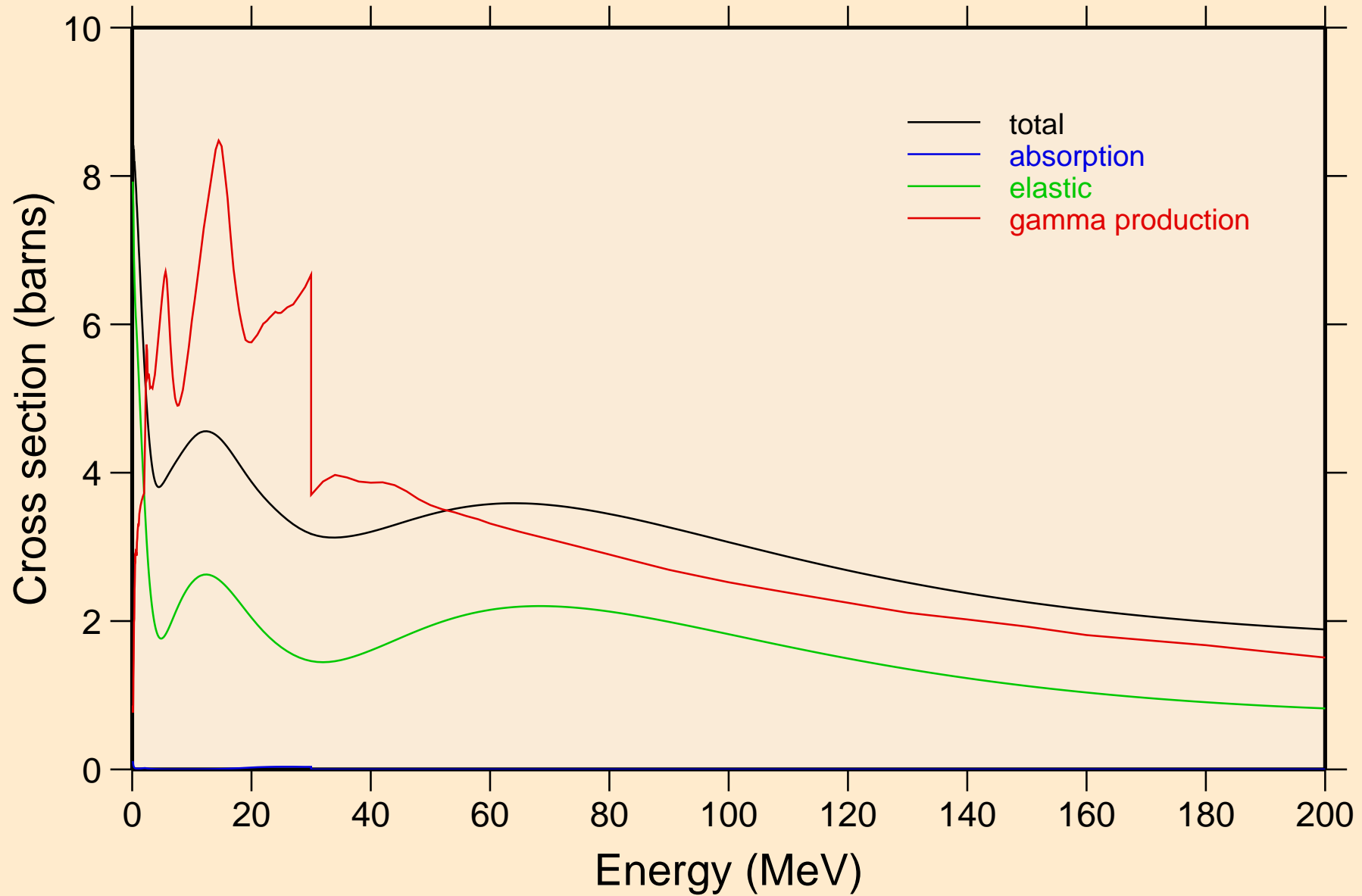
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

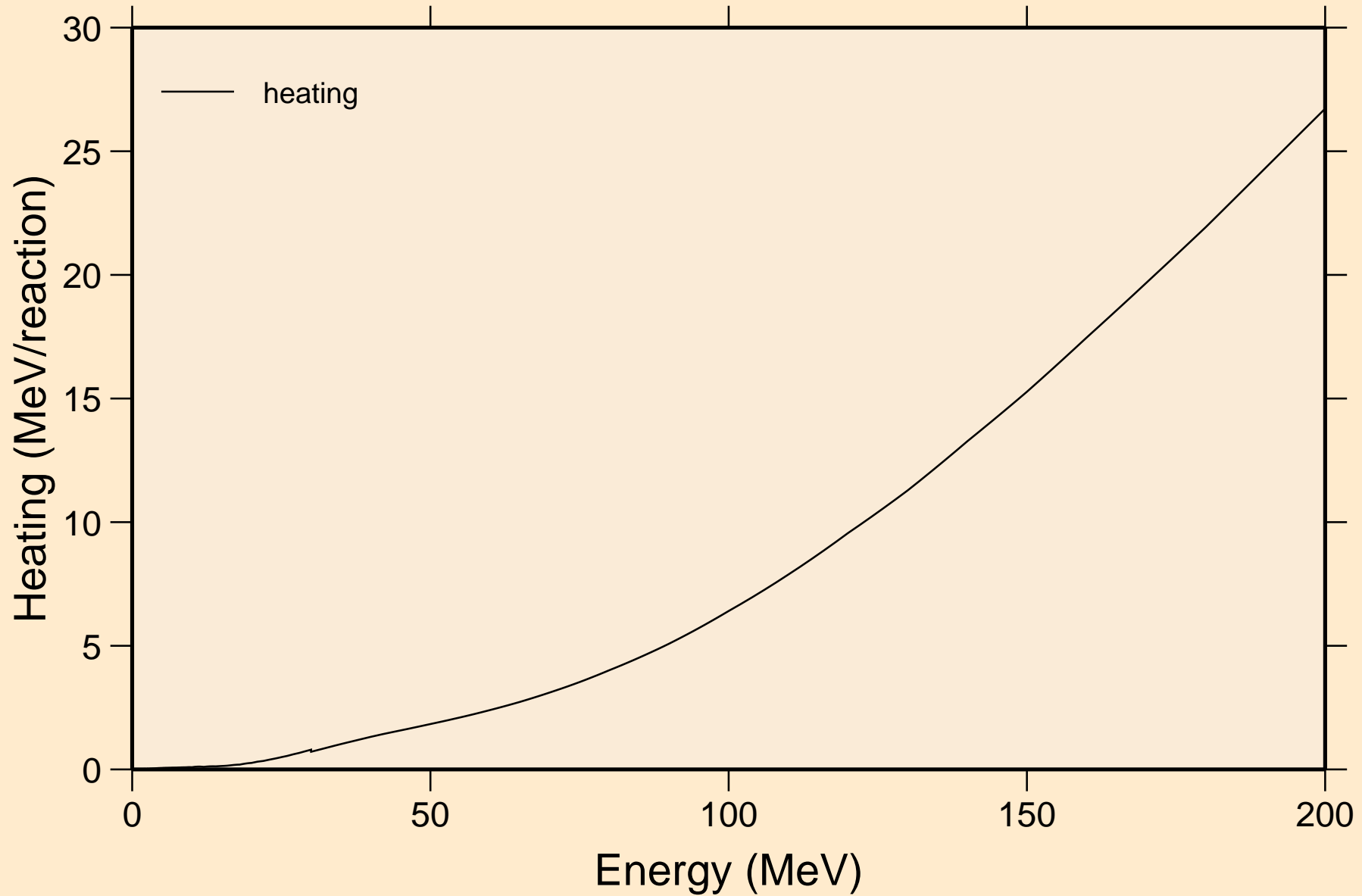


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

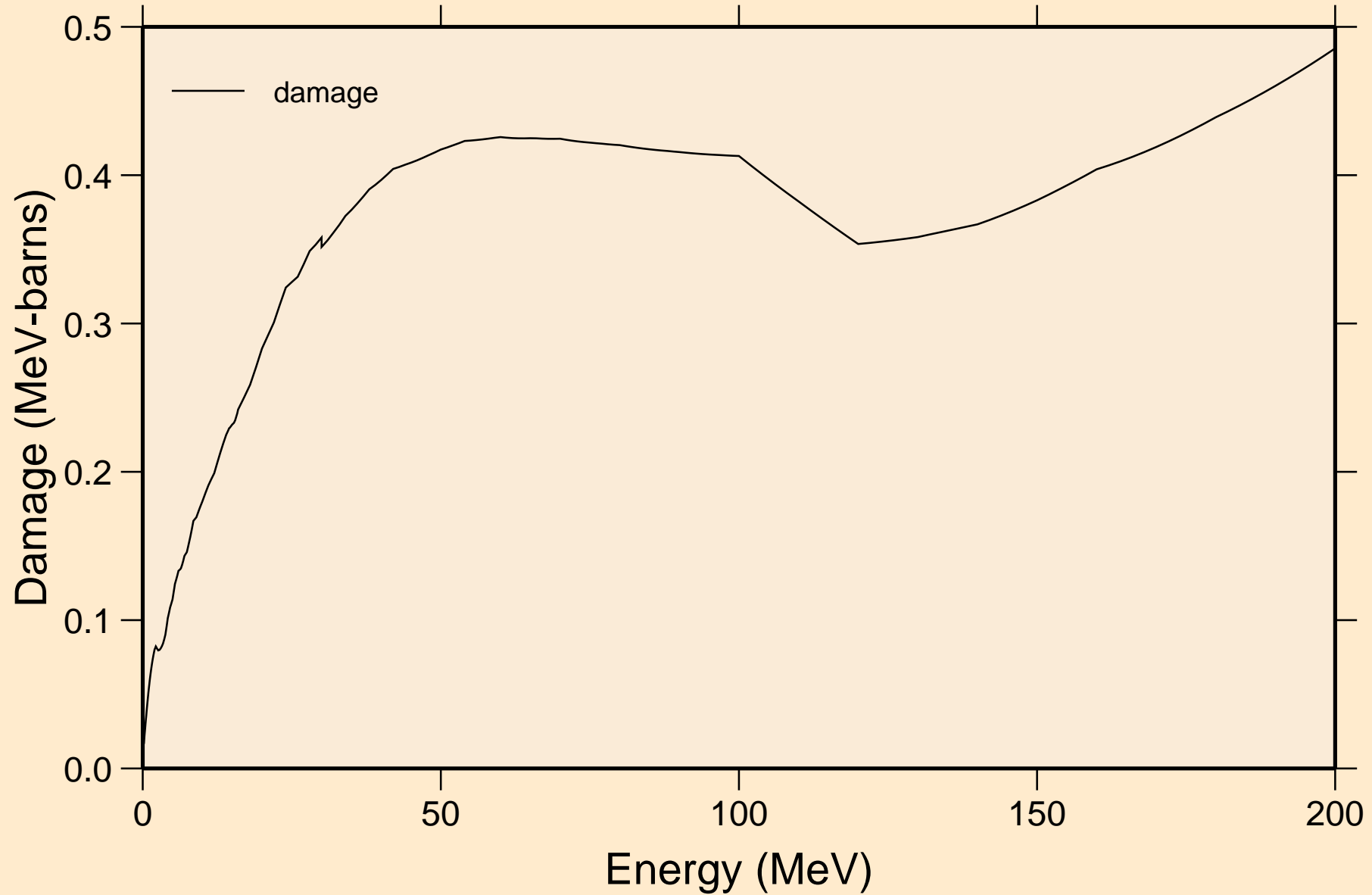


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

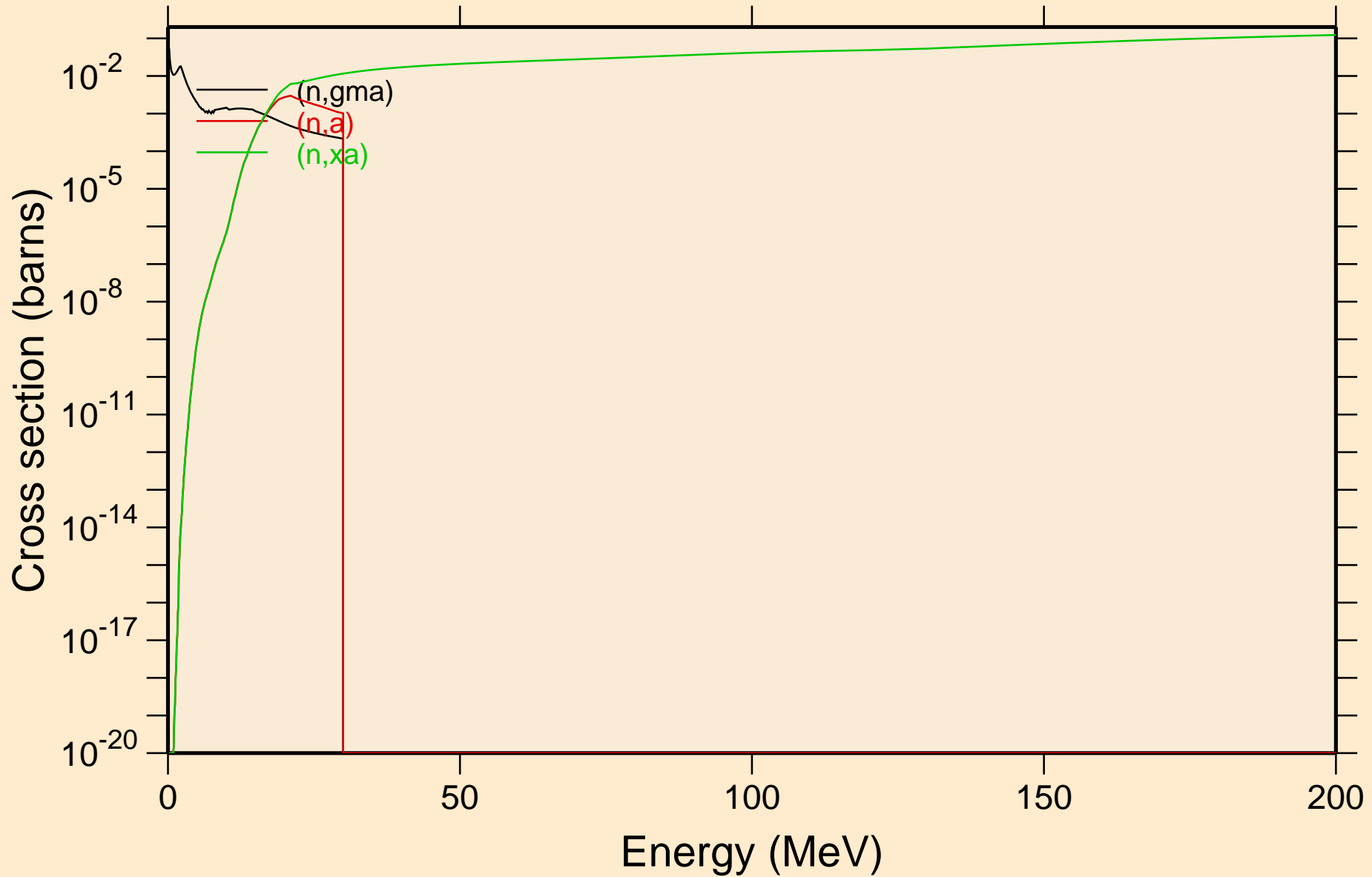
Heating



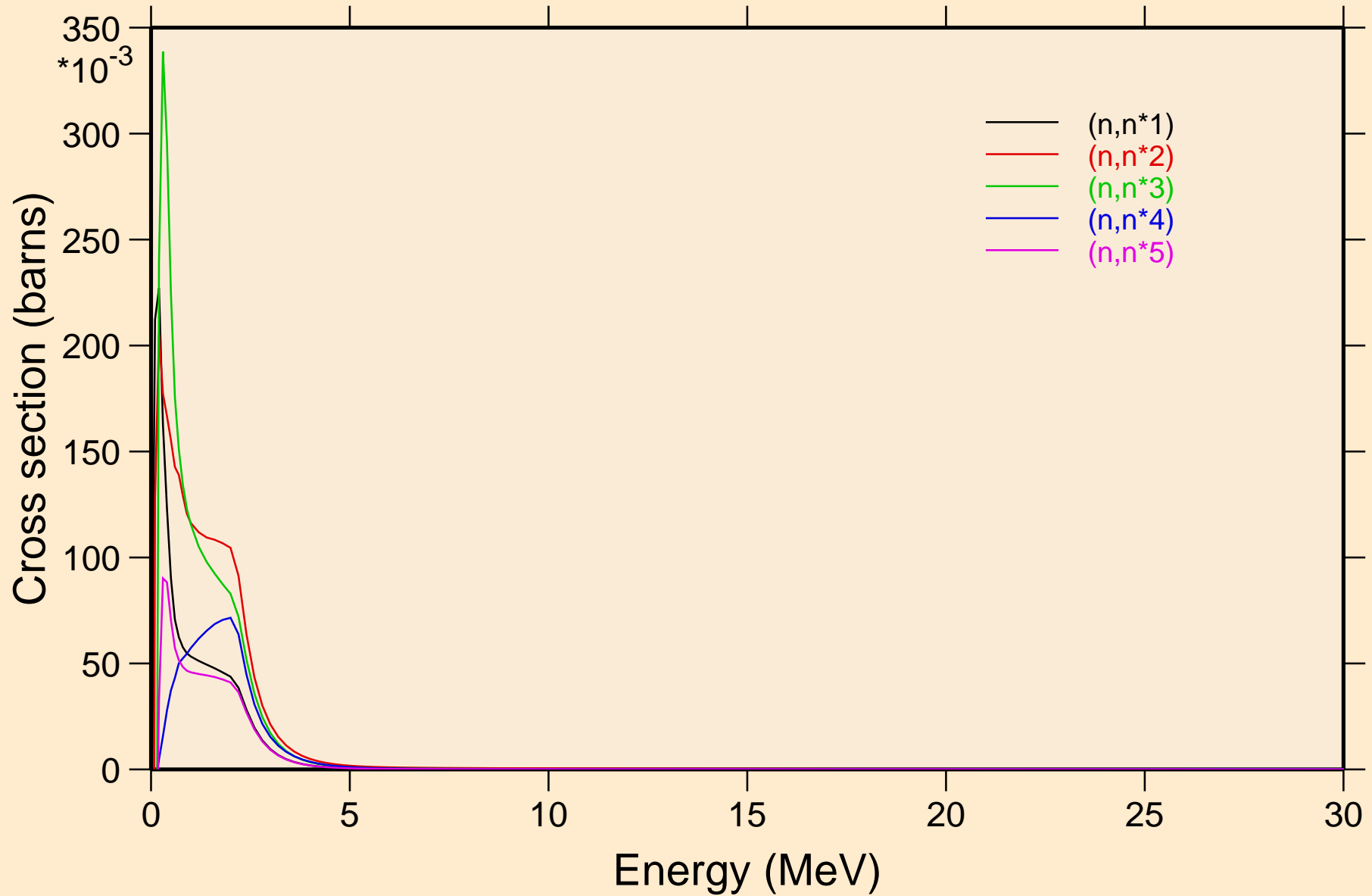
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



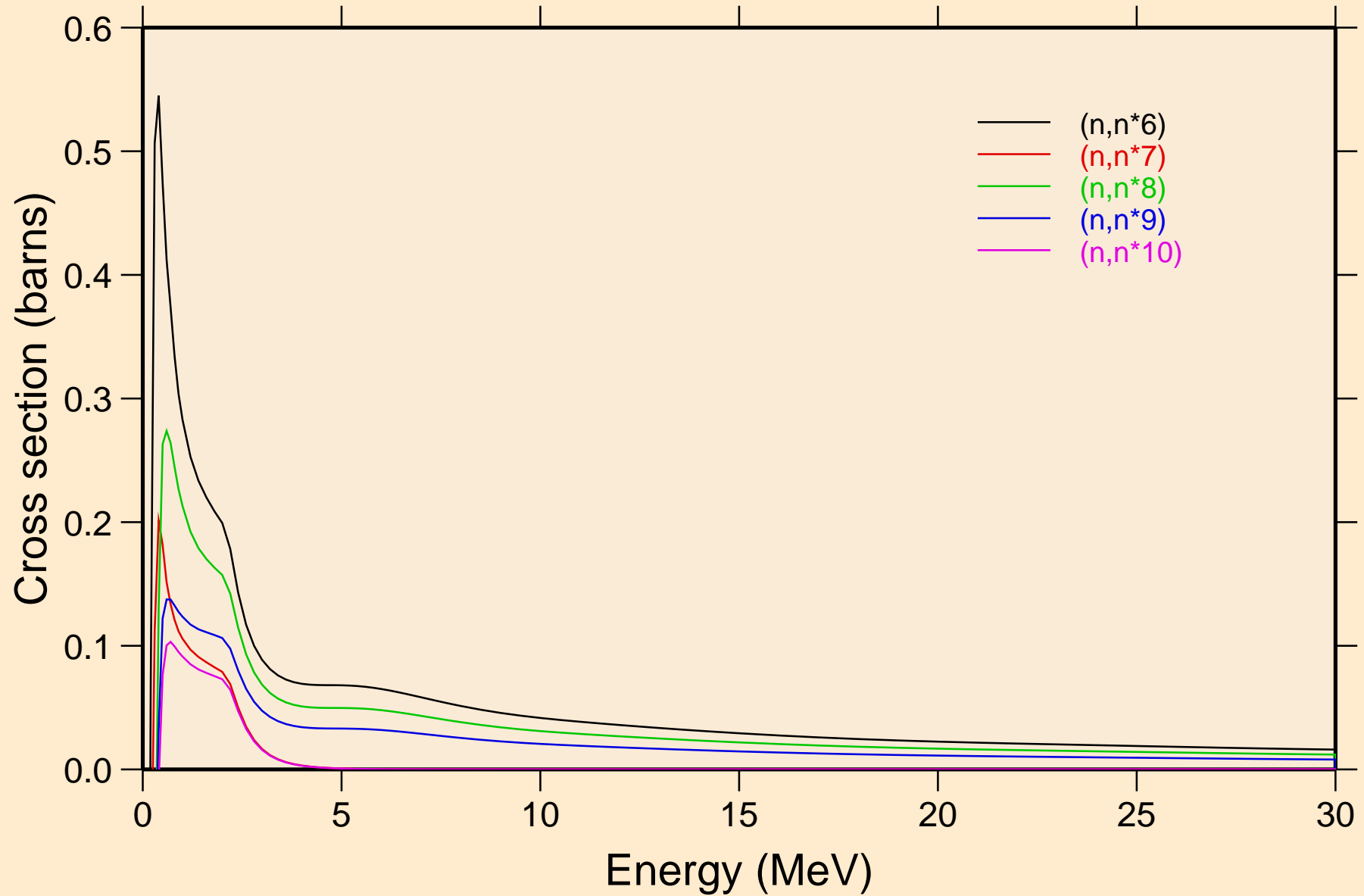
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

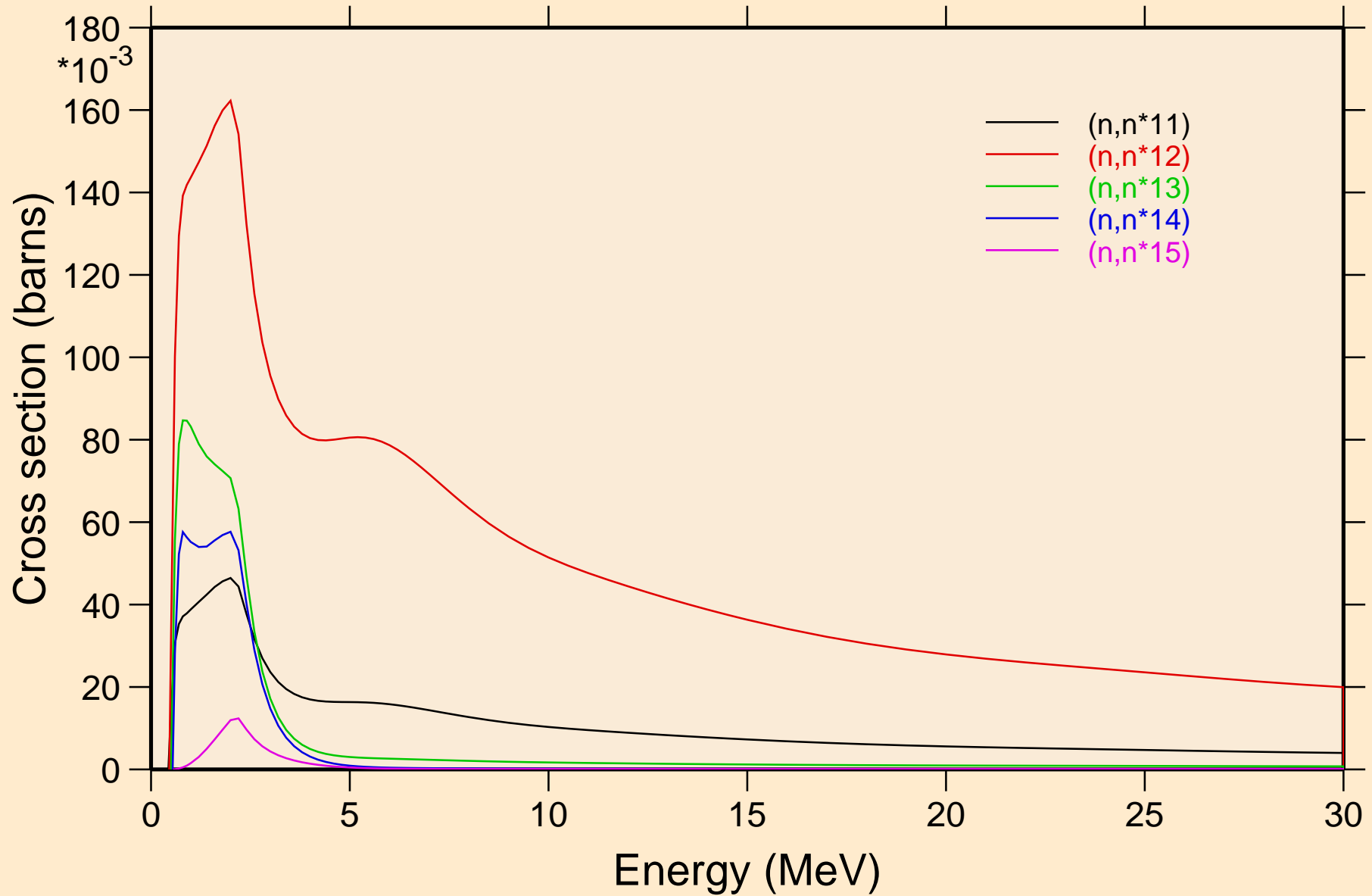


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

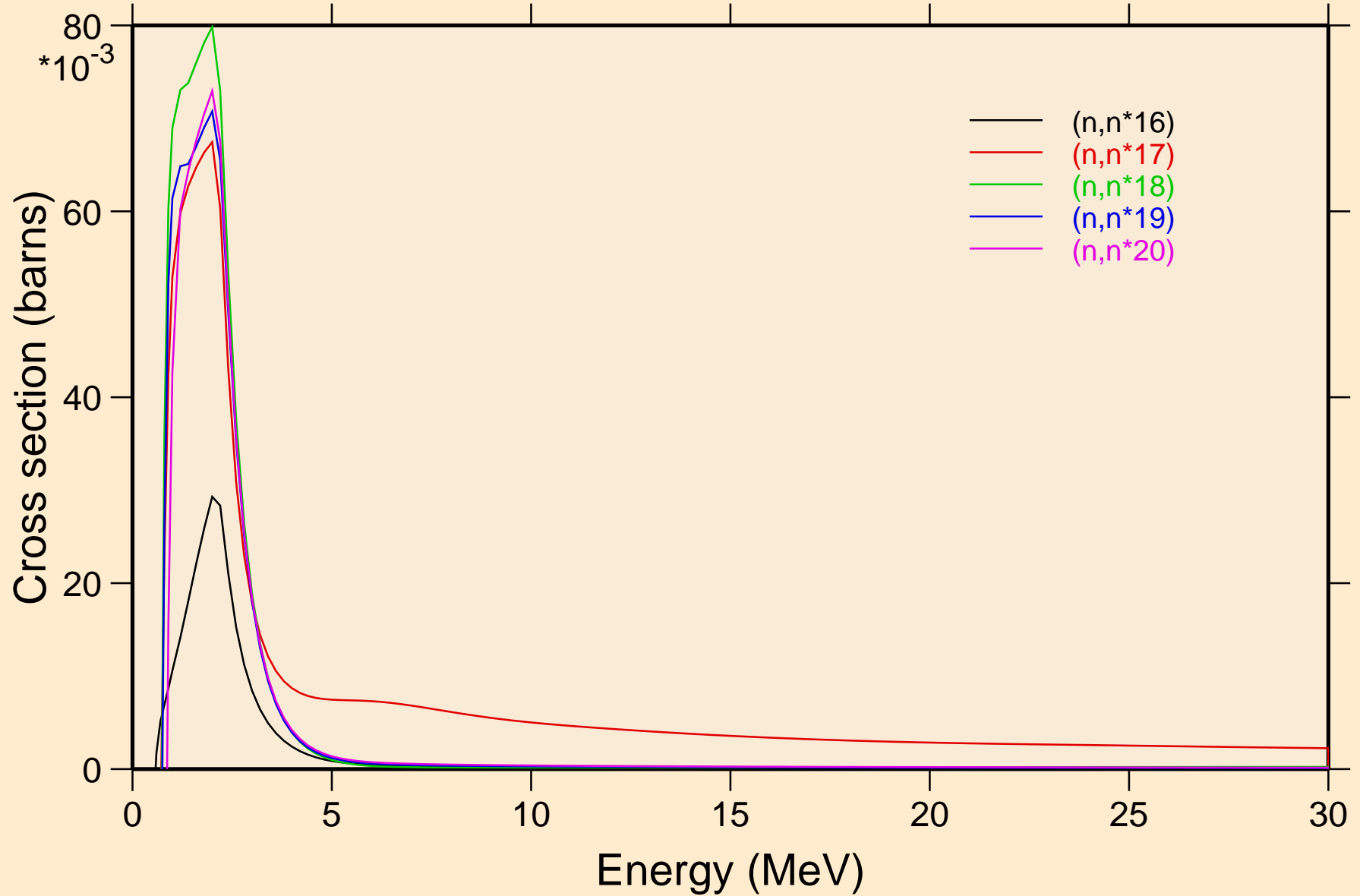




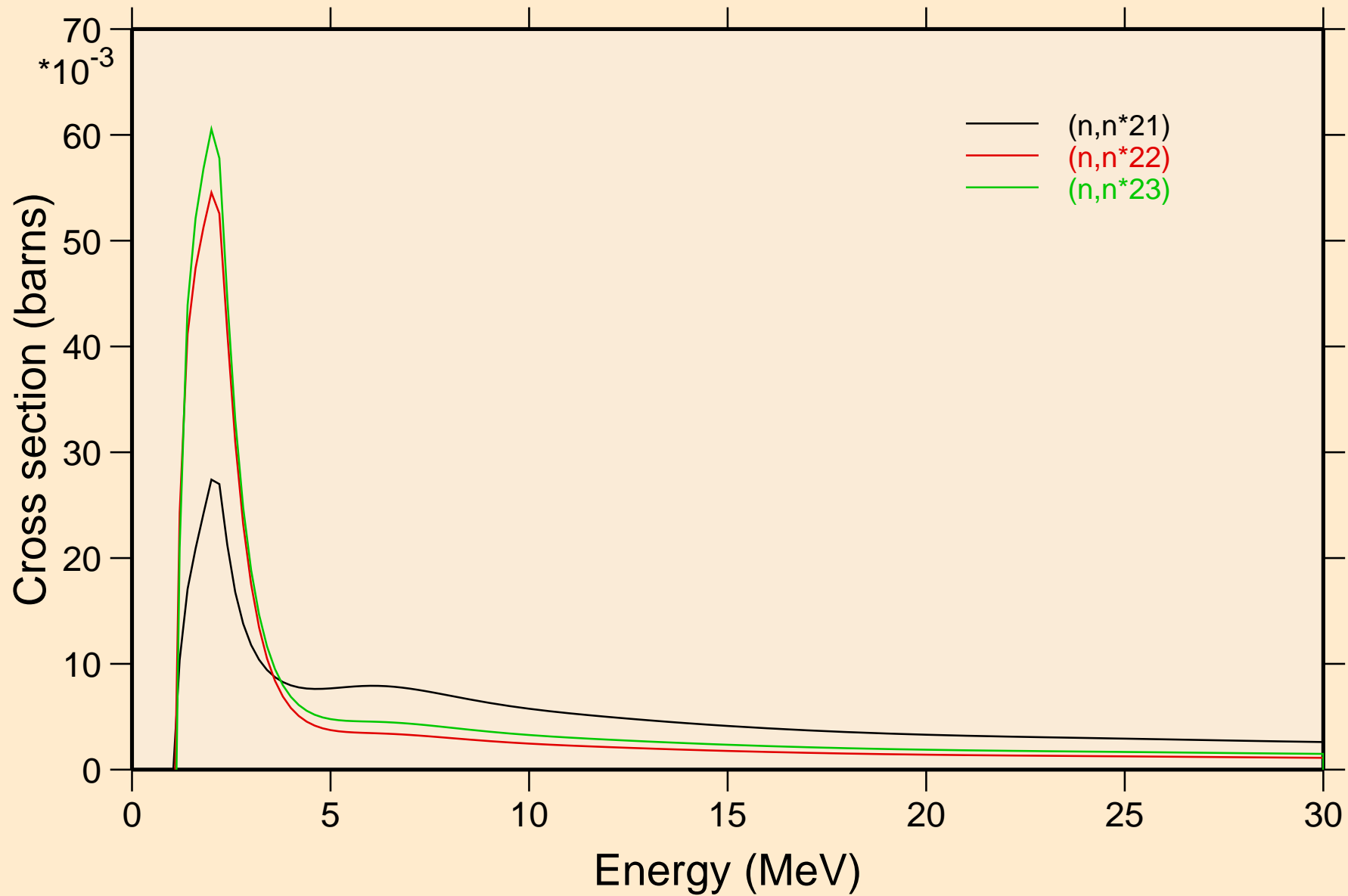
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



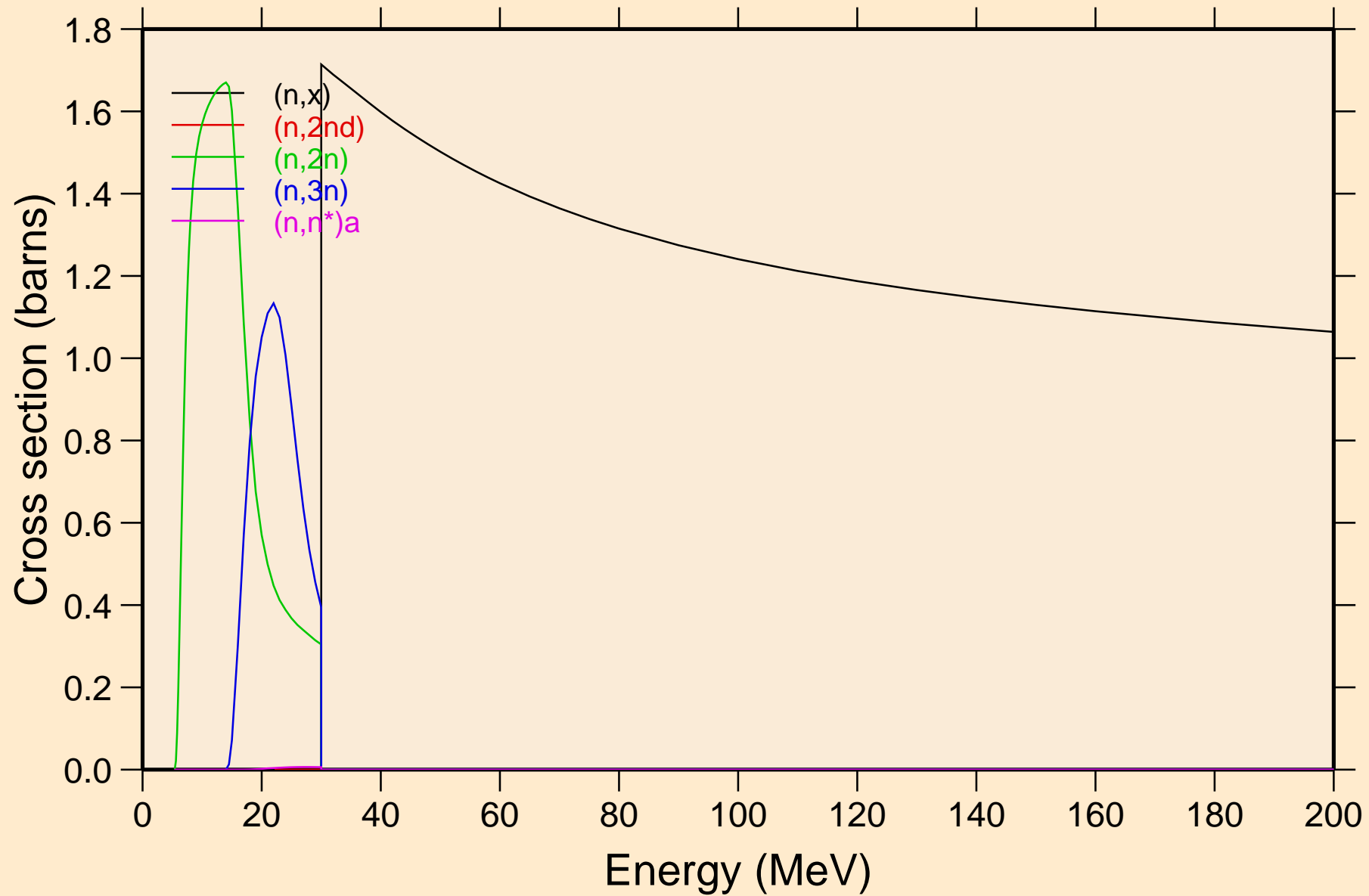
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

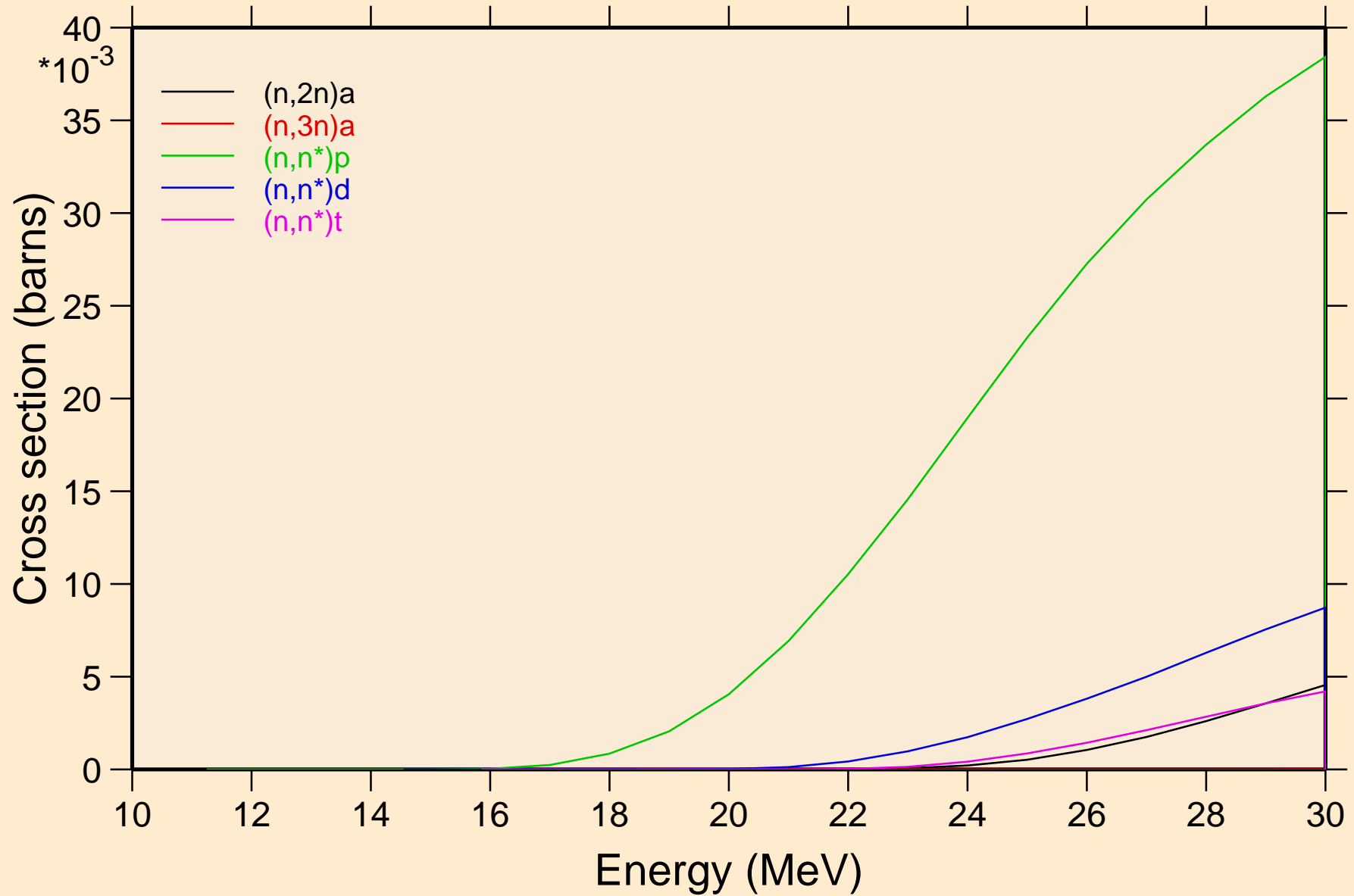


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

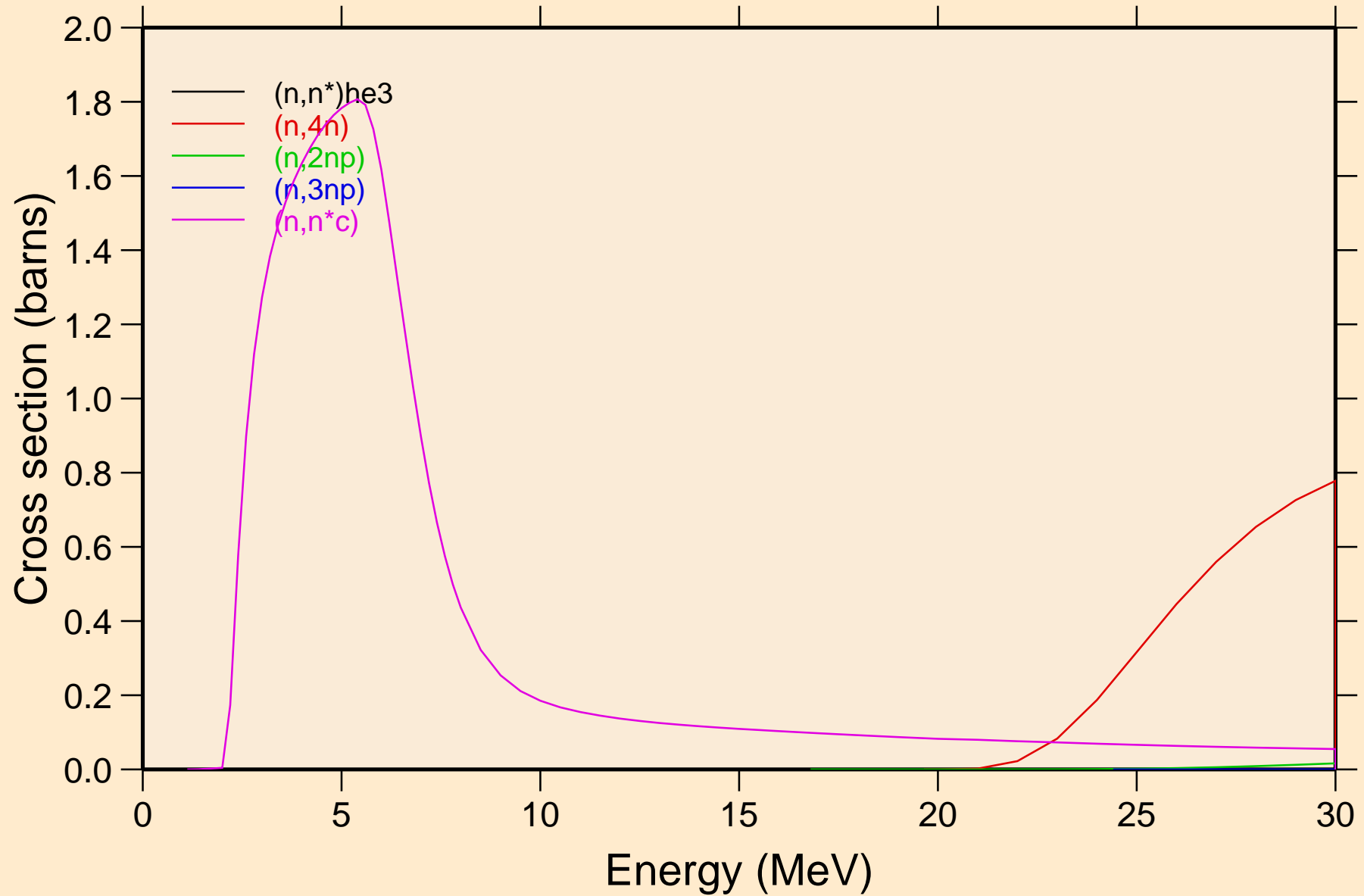


# PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

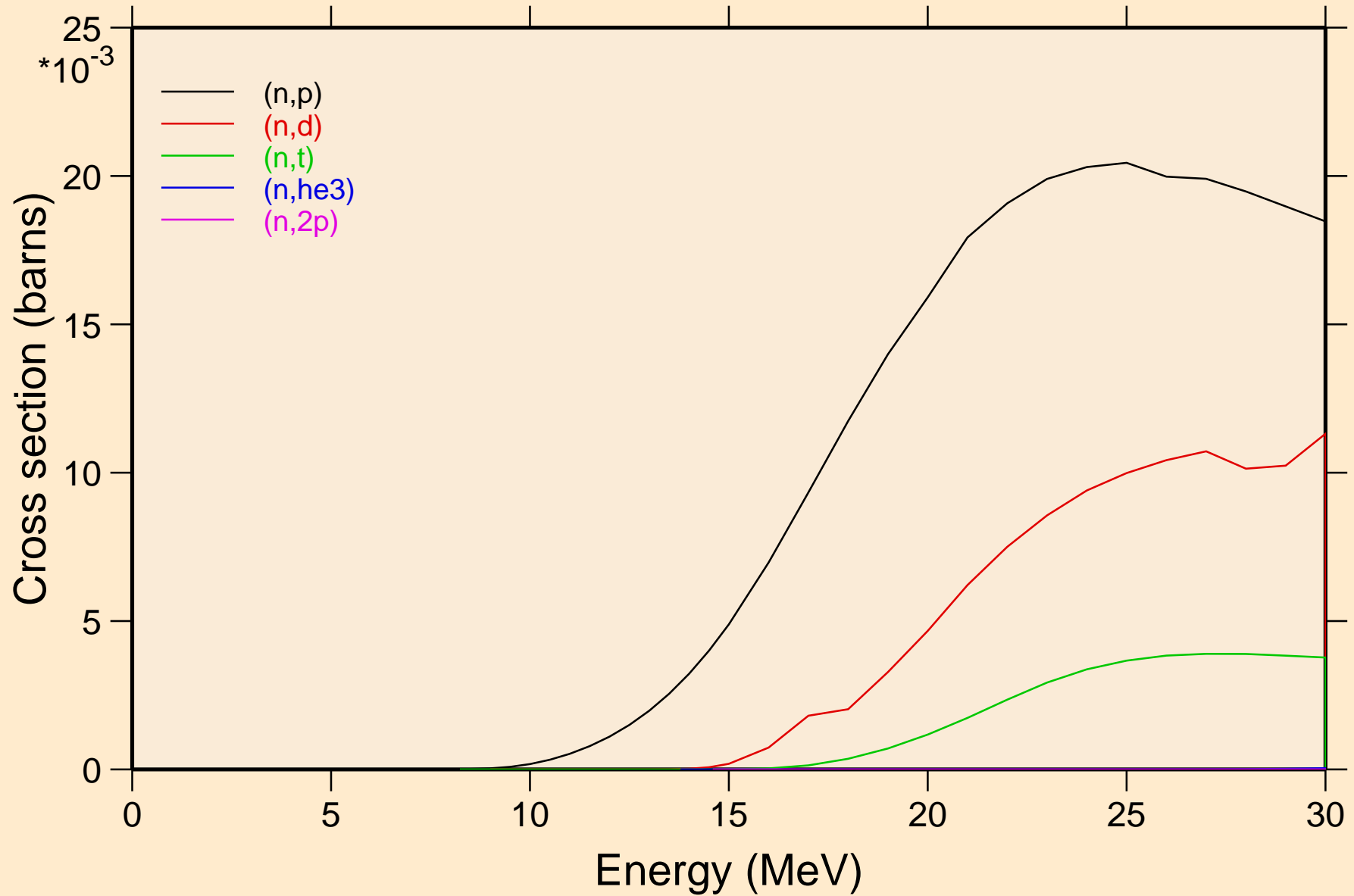
## Threshold reactions



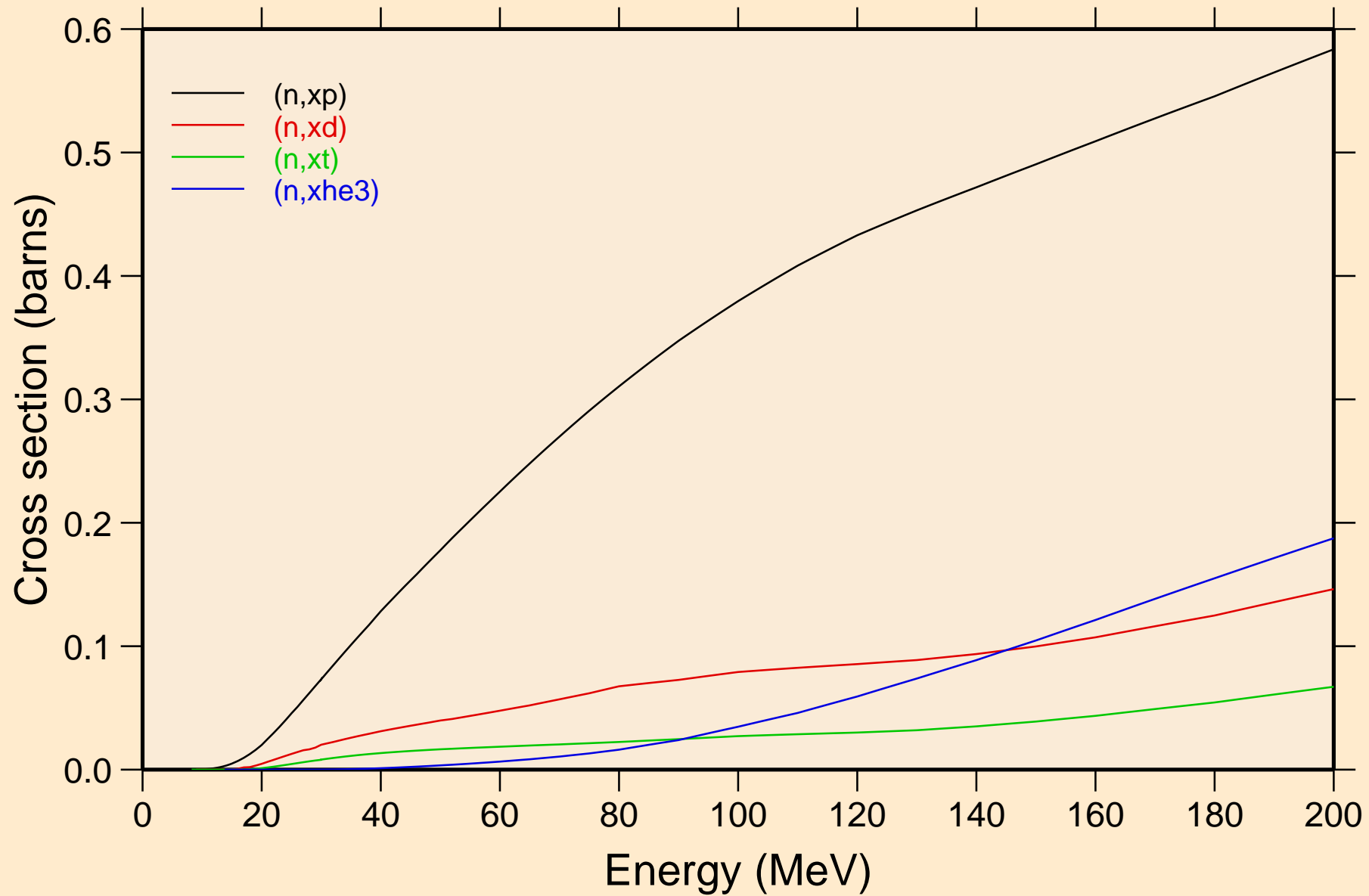
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

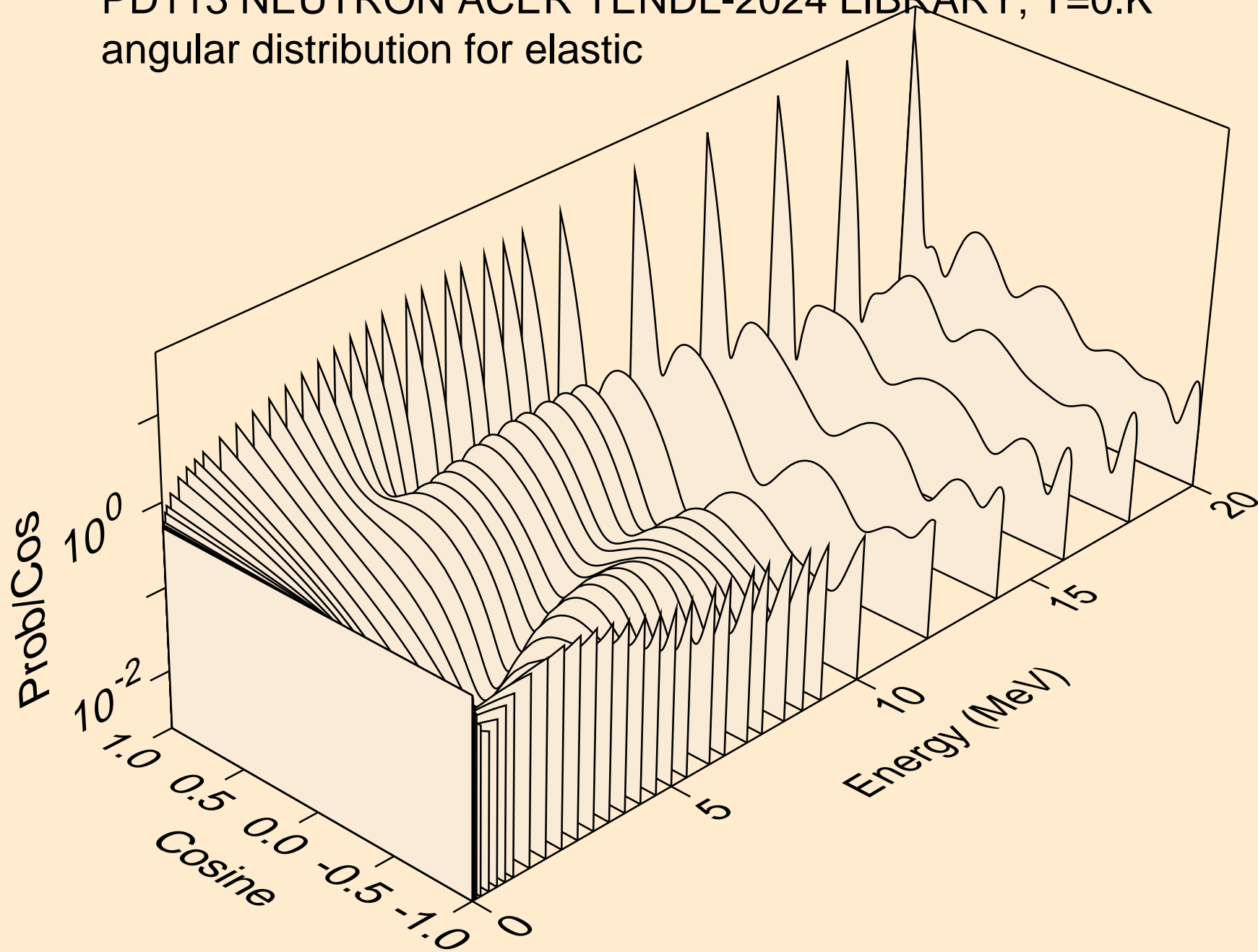


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

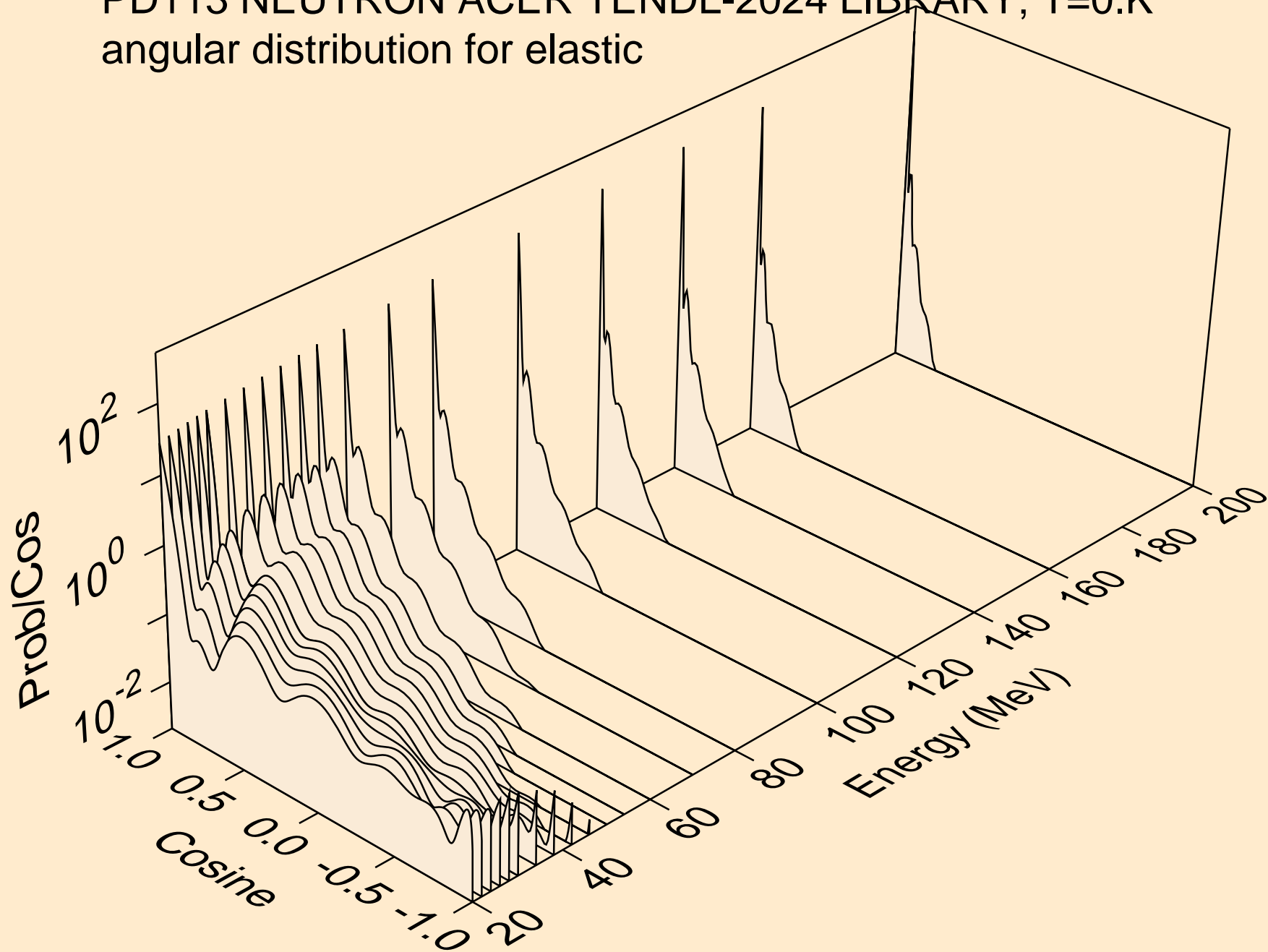




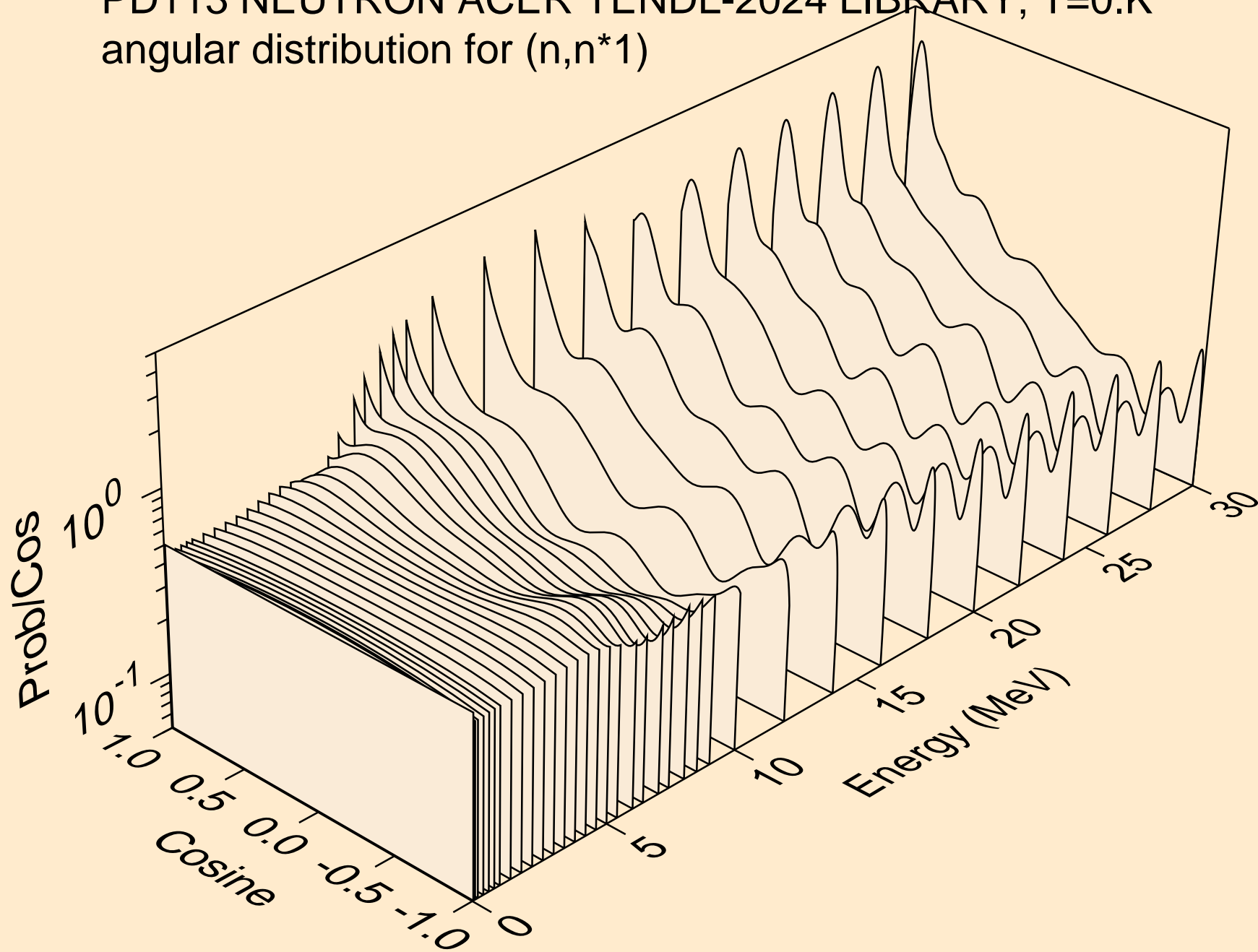
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



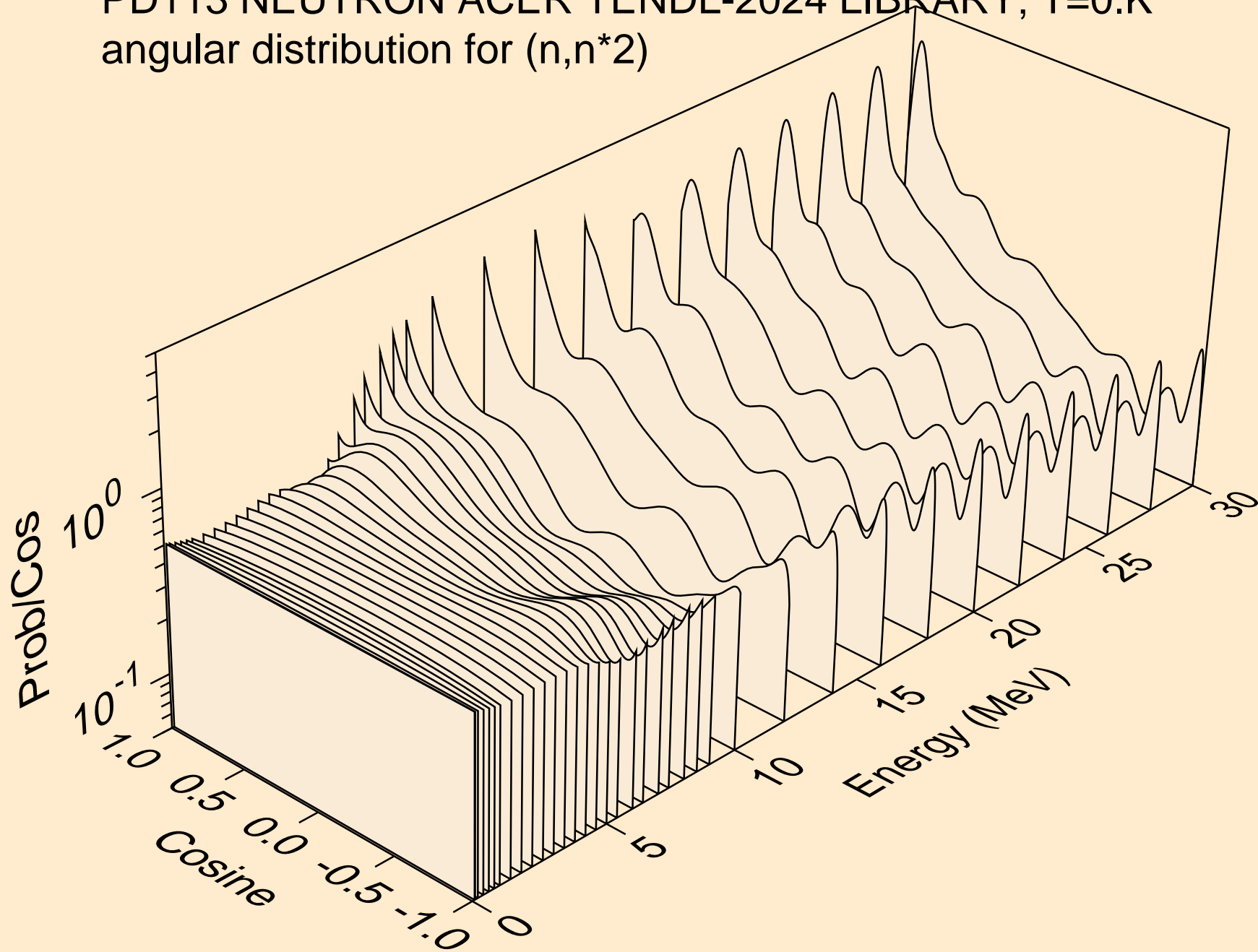
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



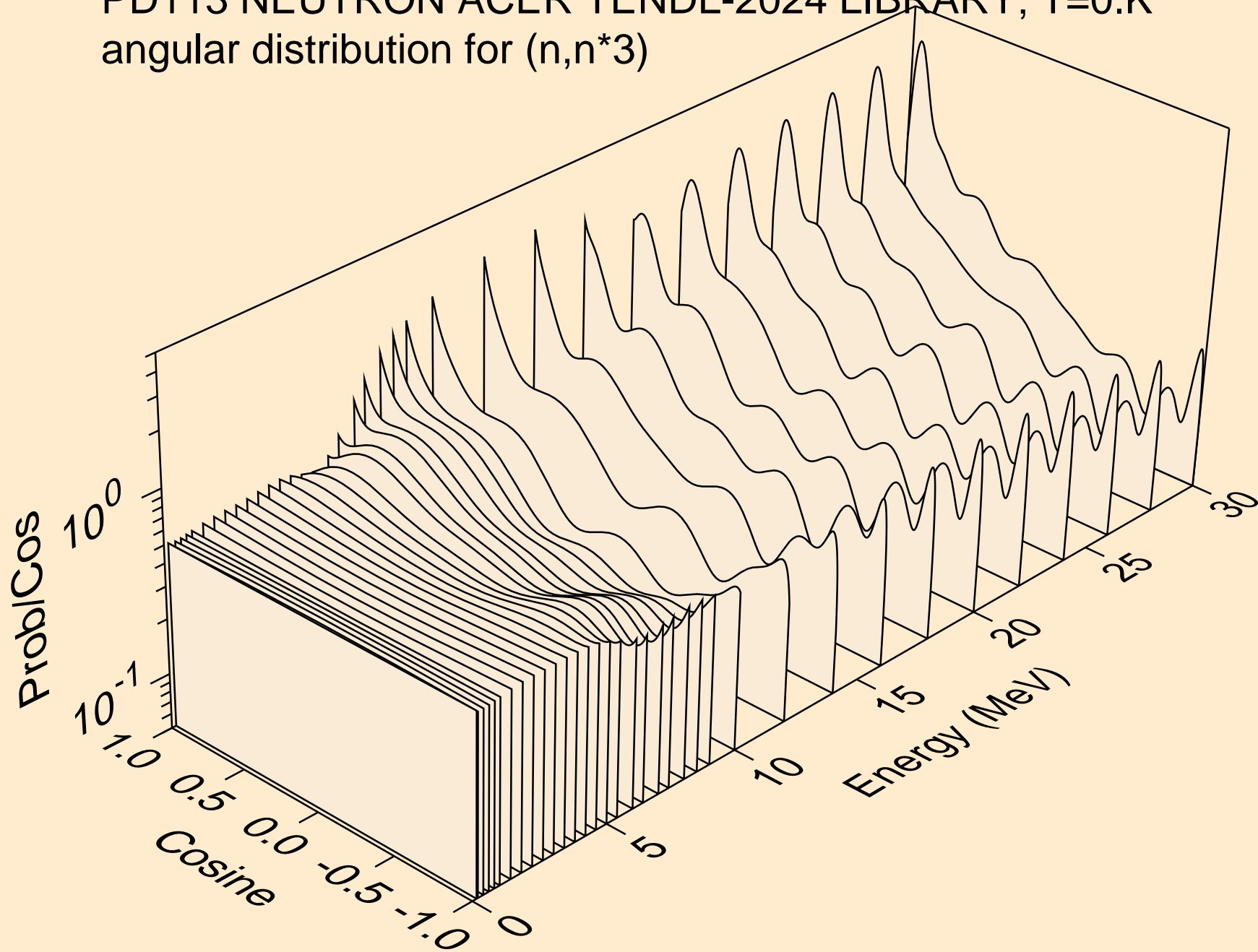
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



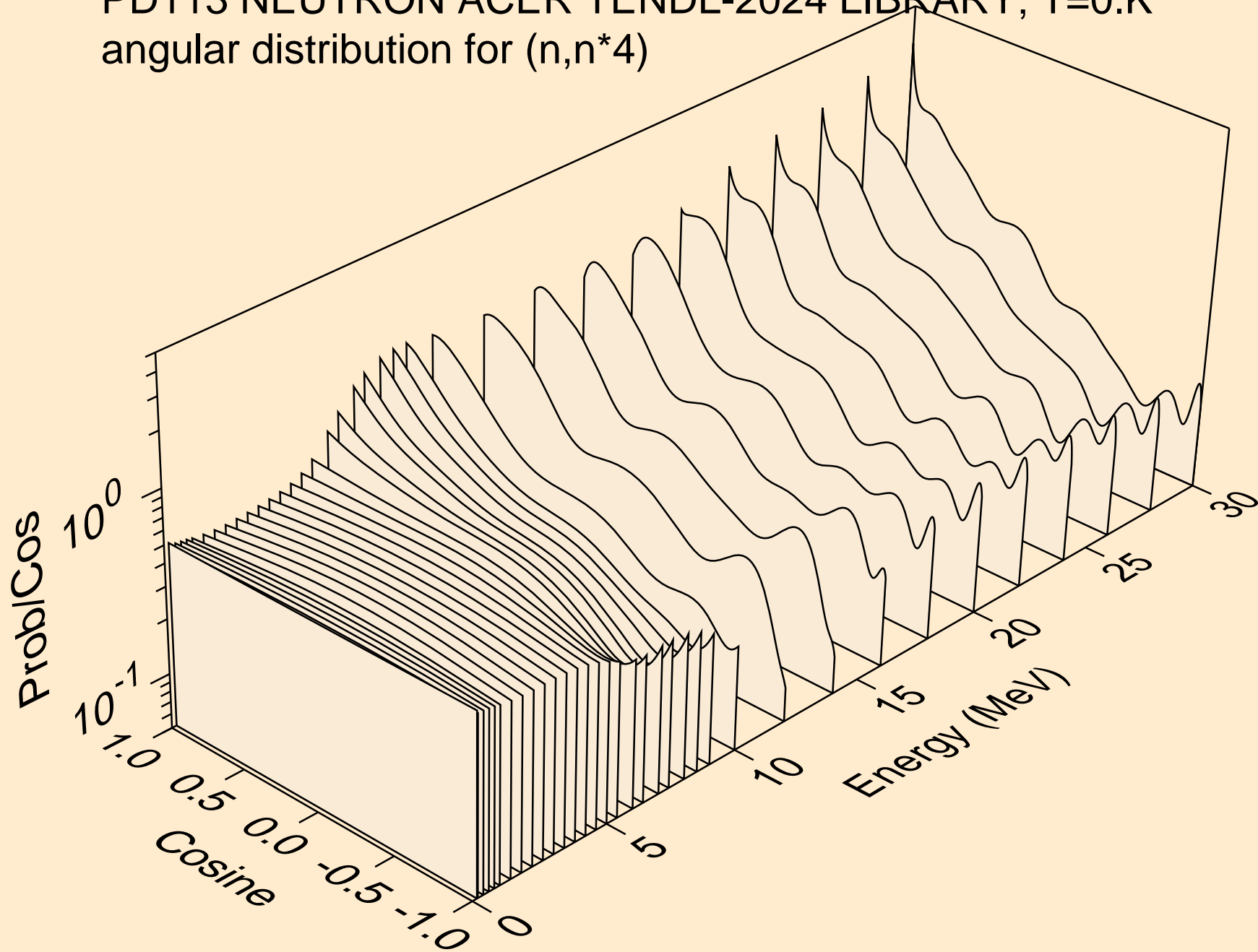
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



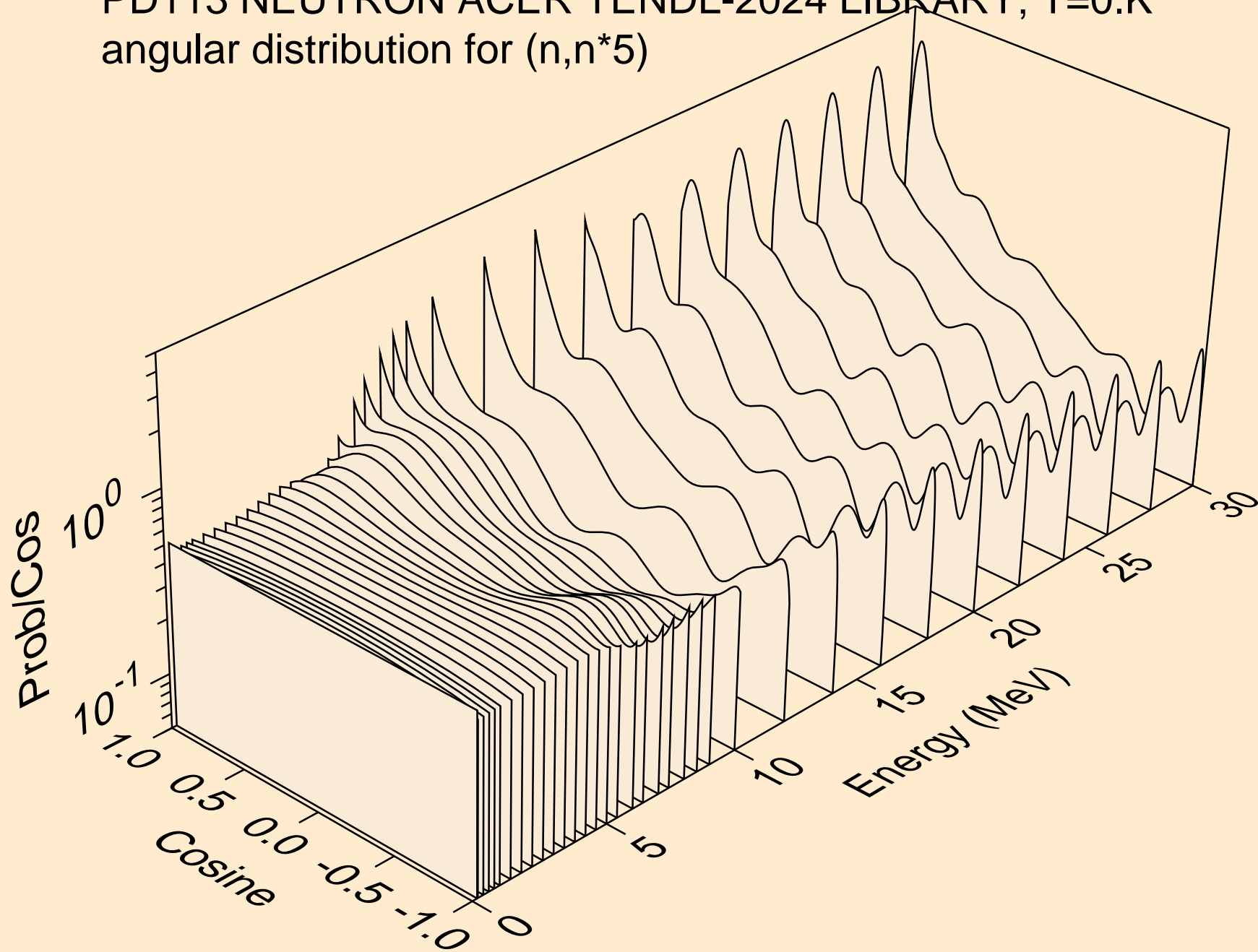
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



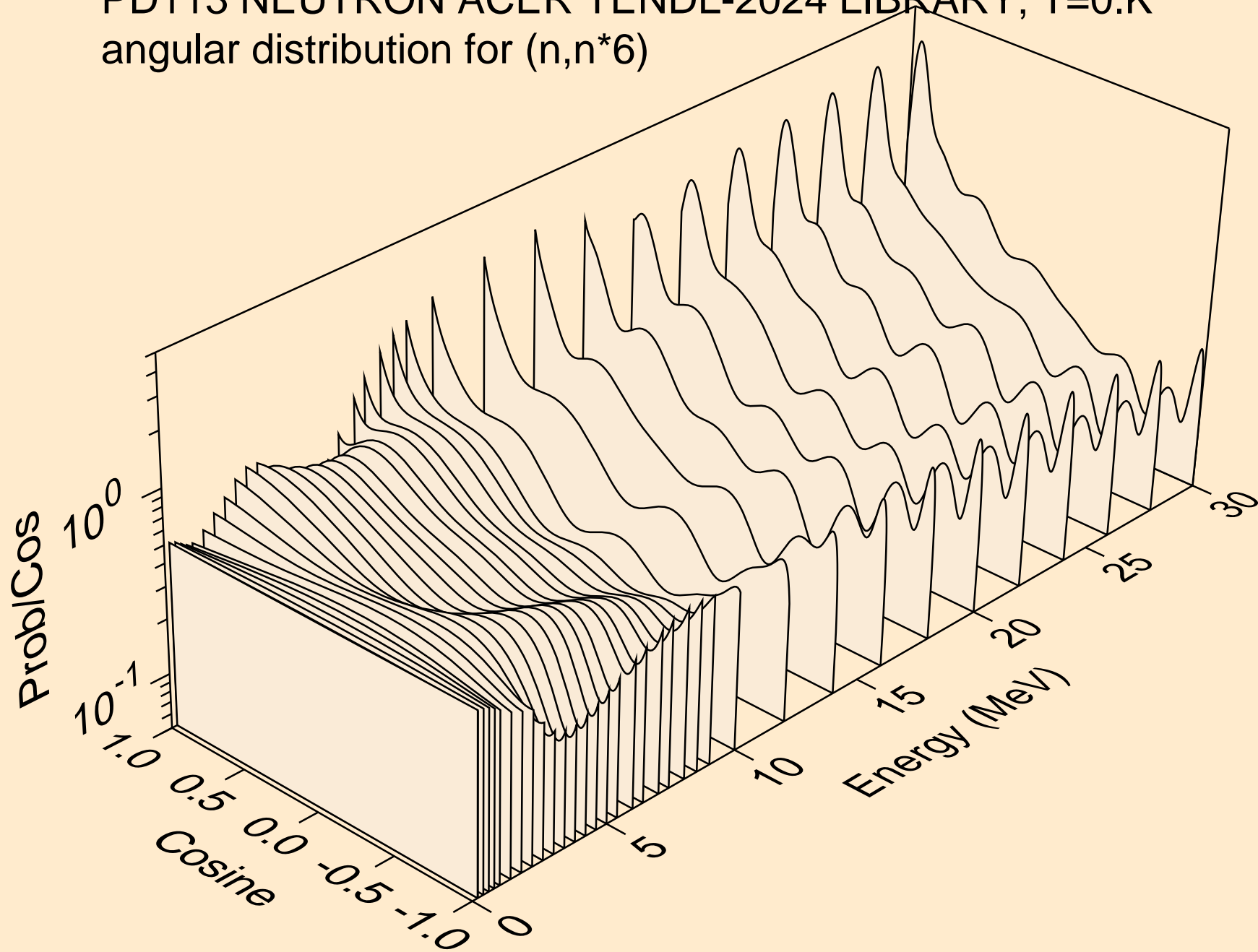
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

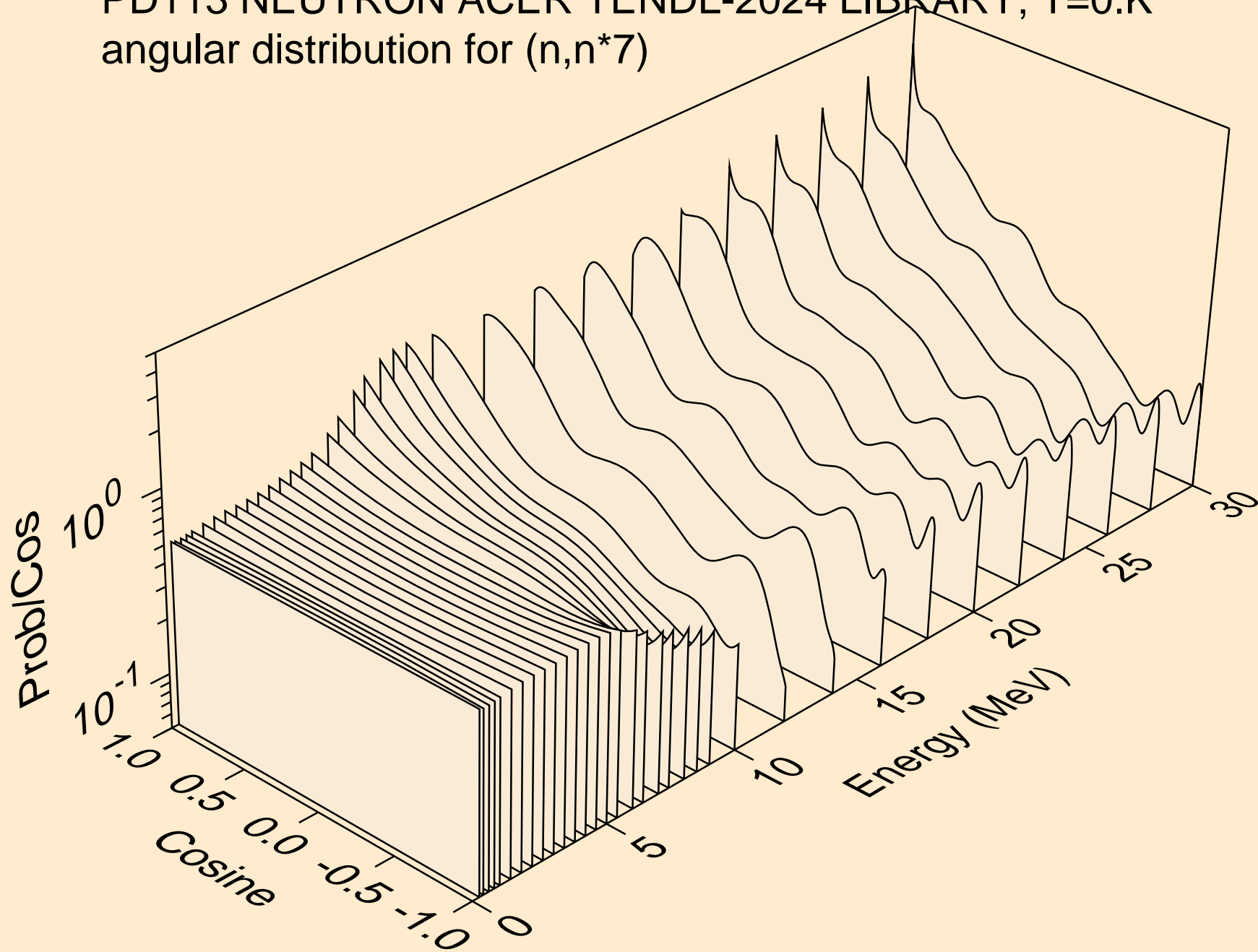


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

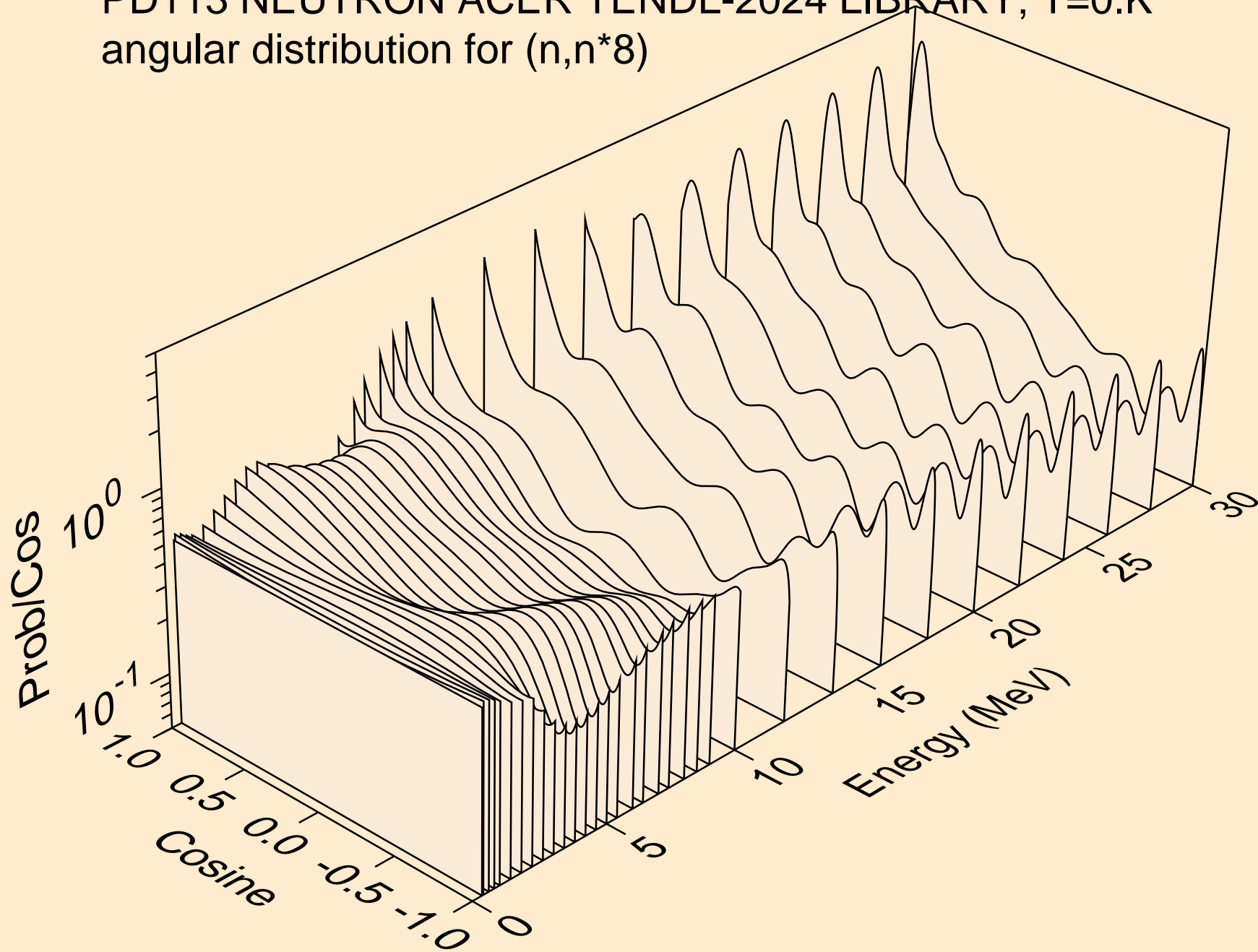




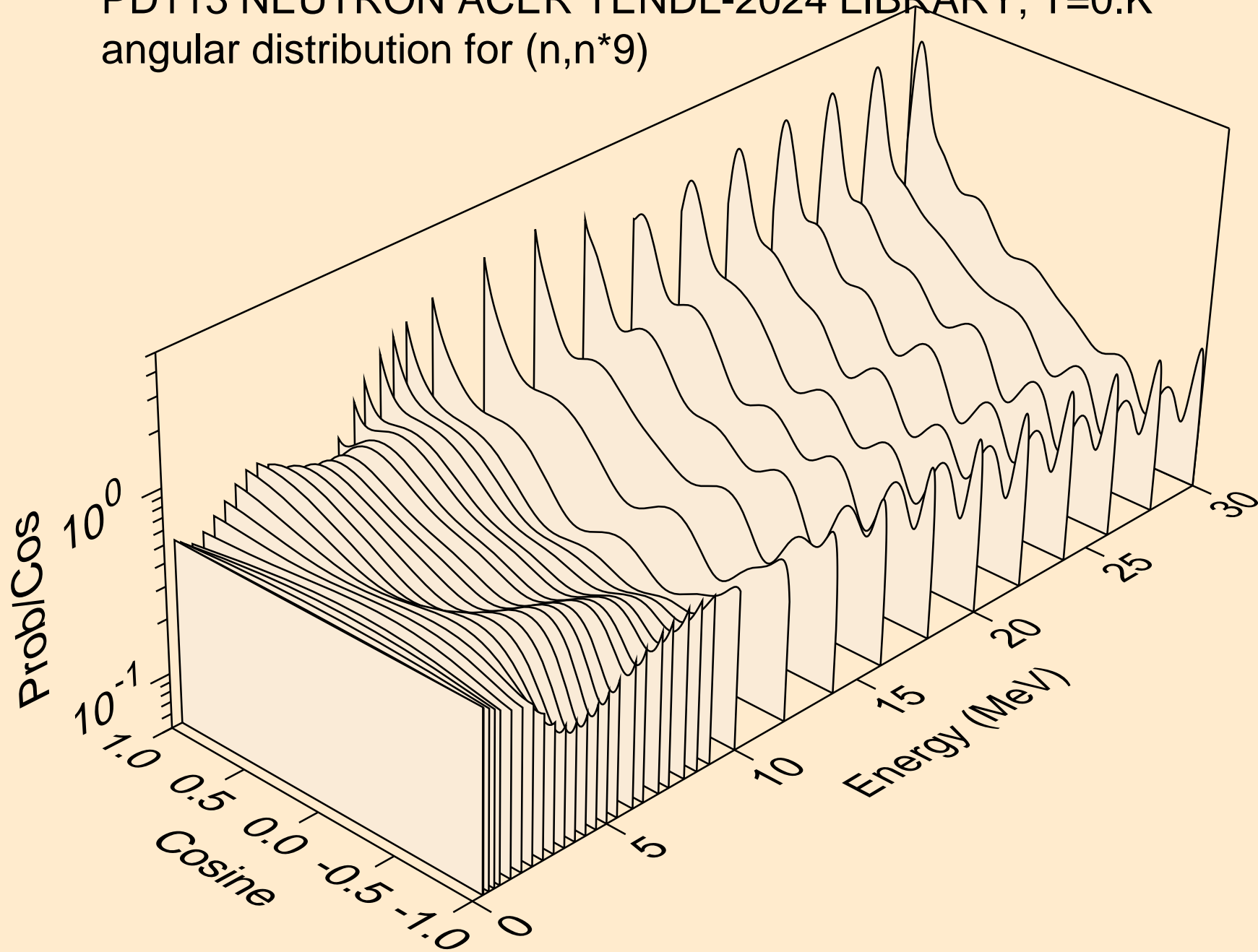
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



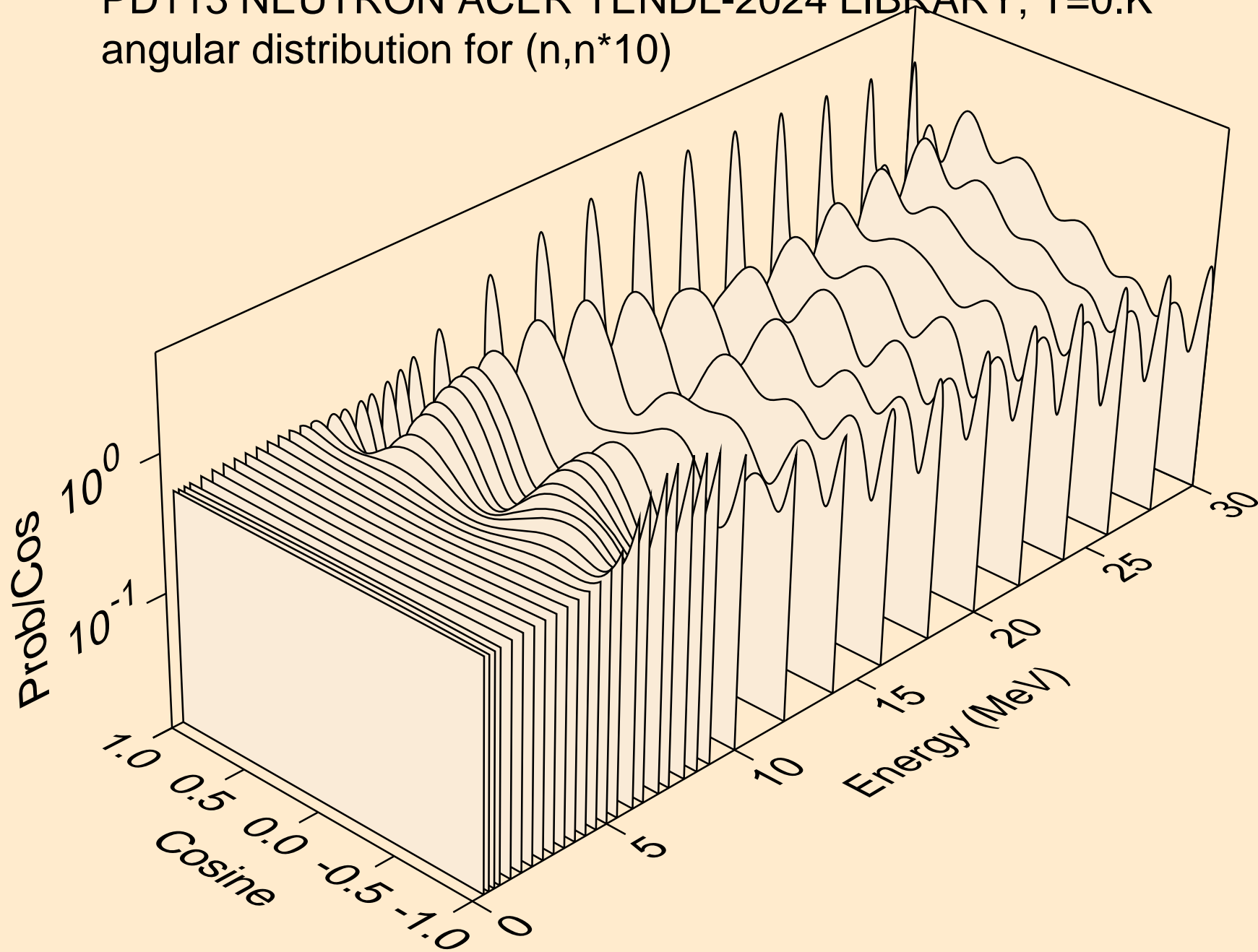
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



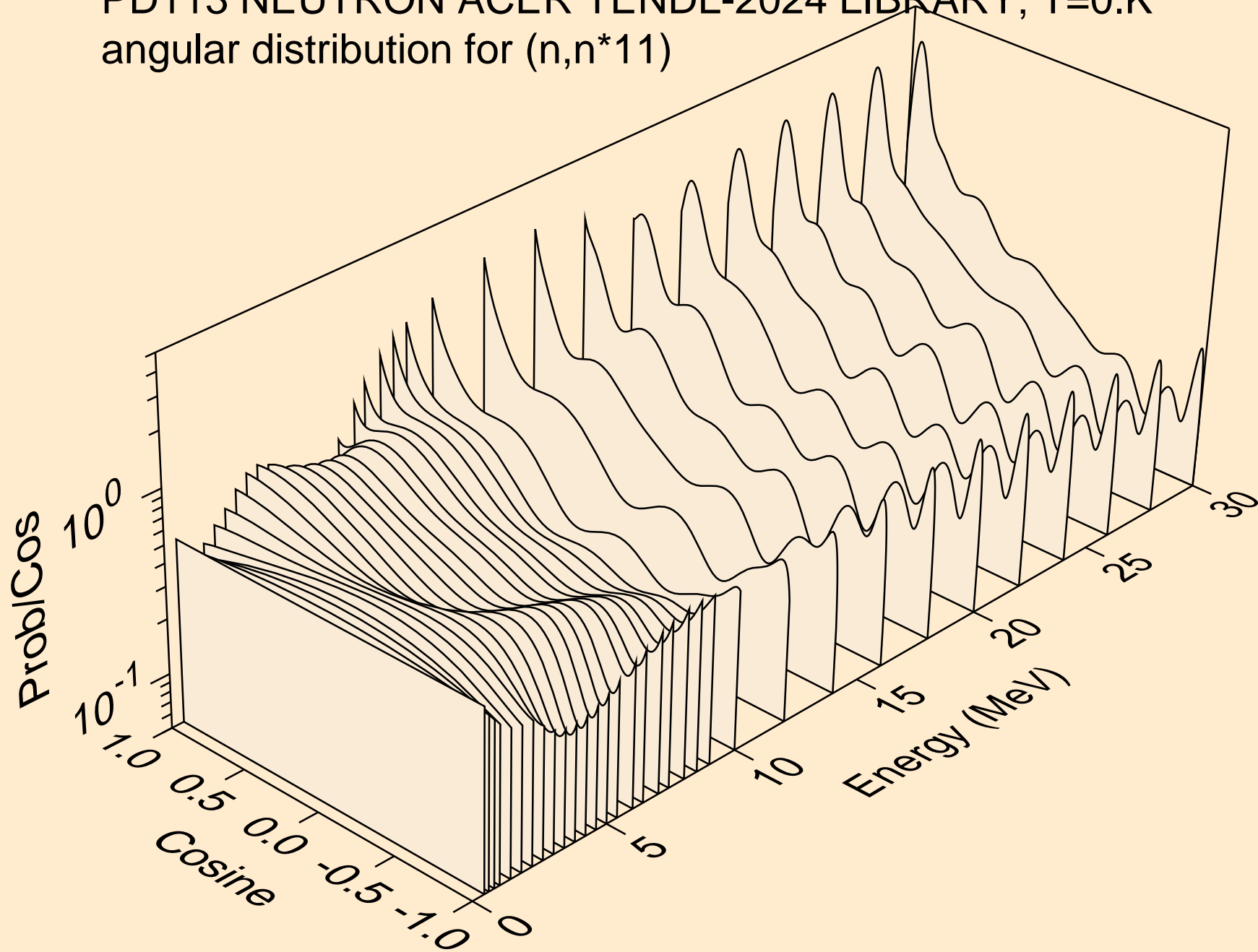
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



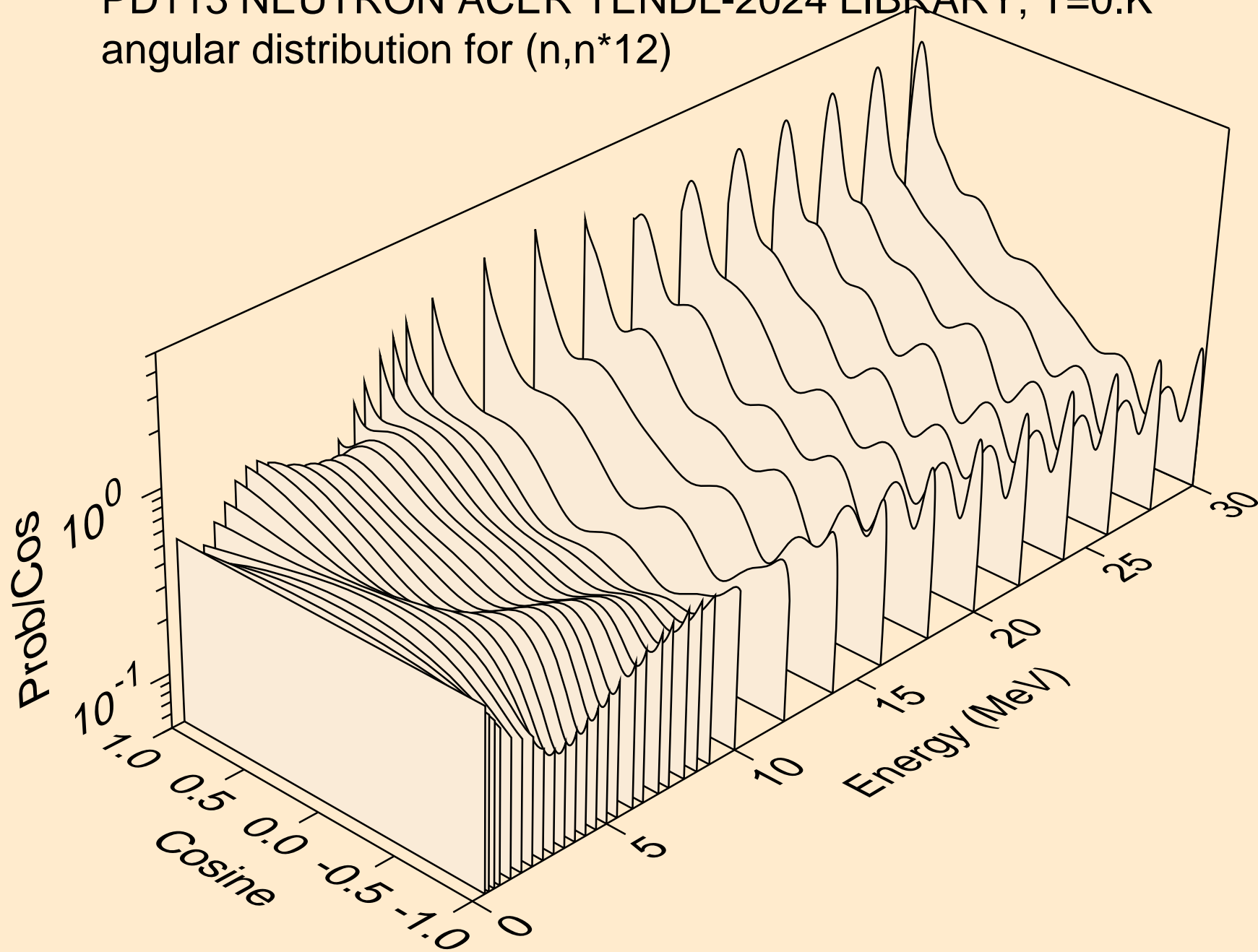
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



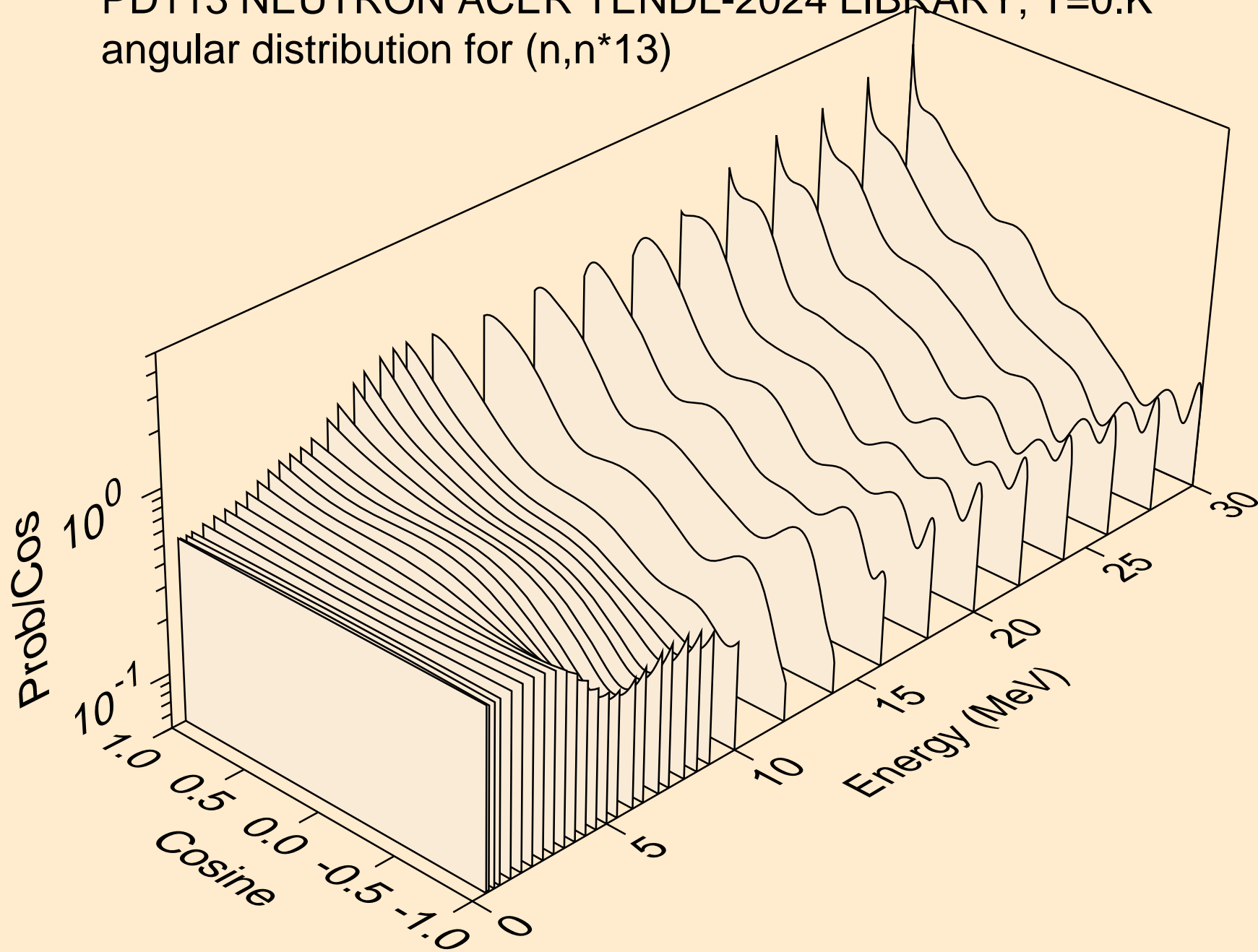
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

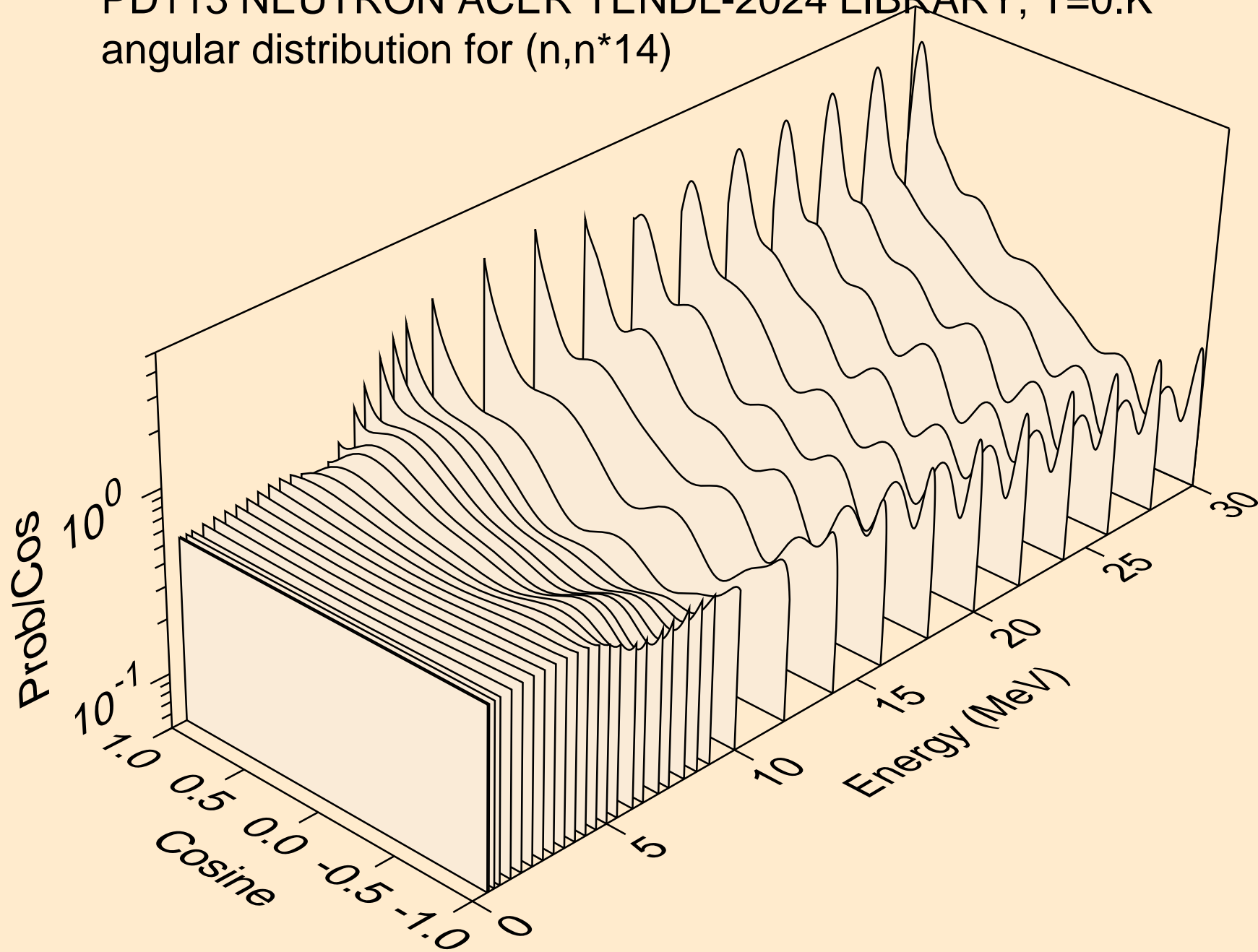


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



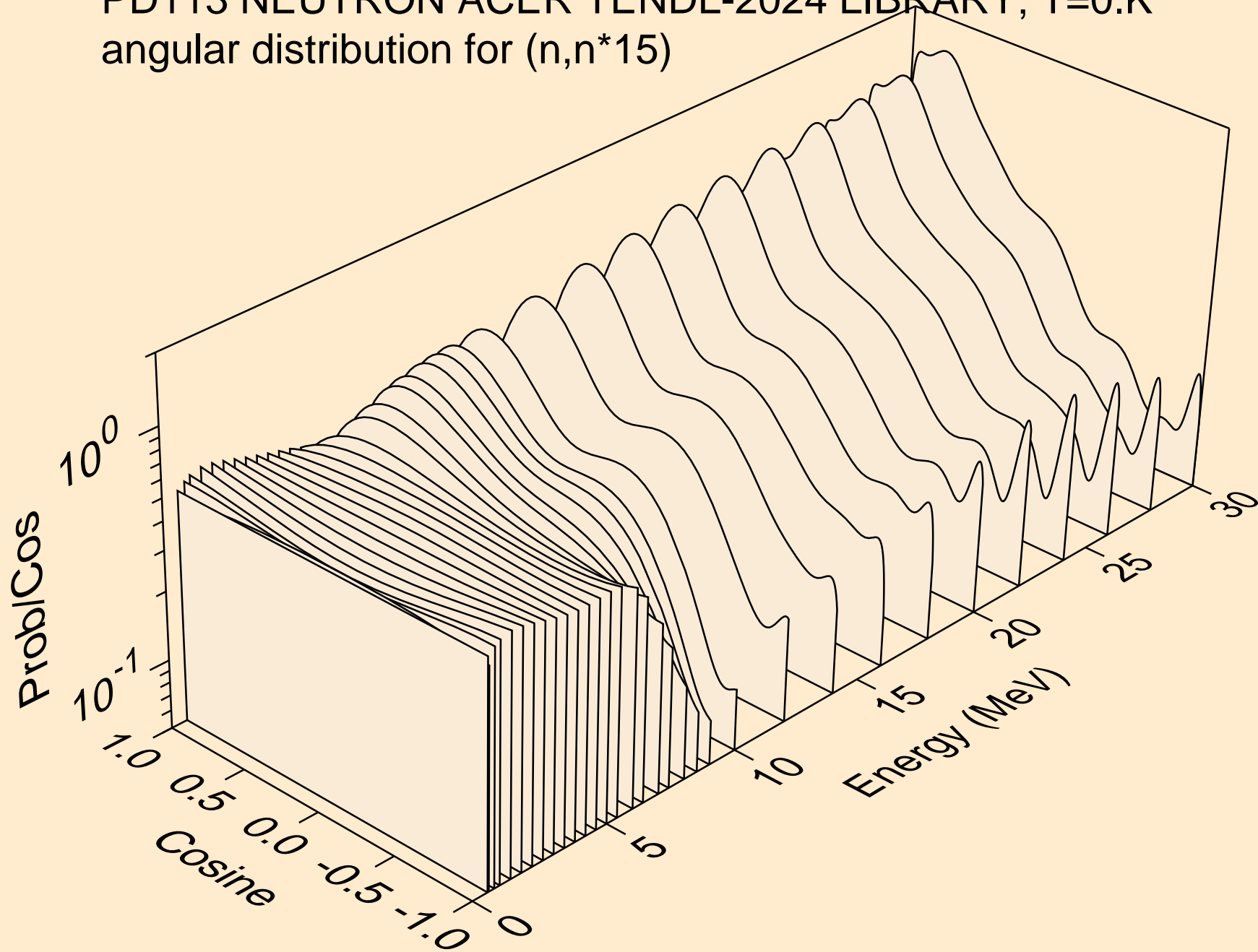


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

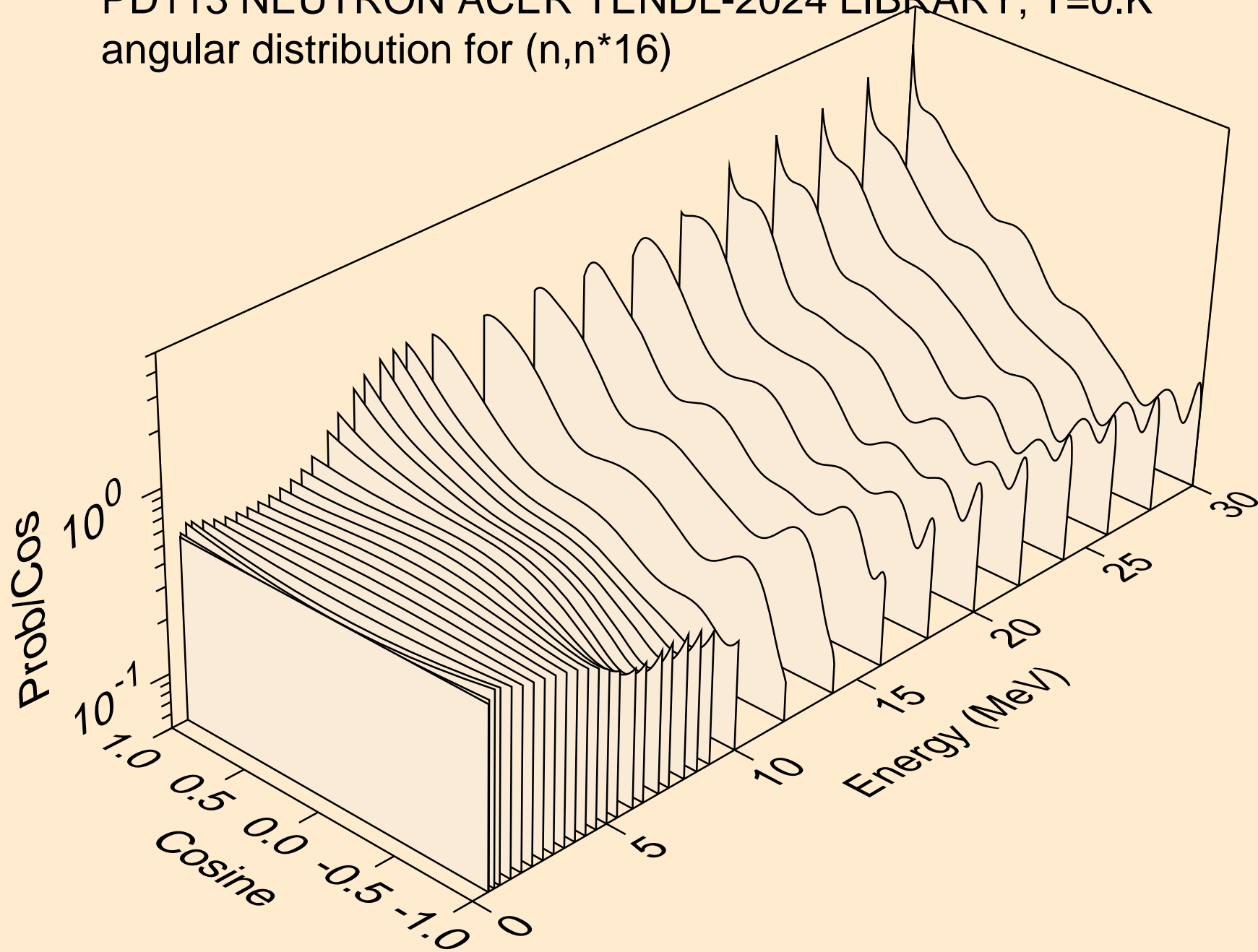




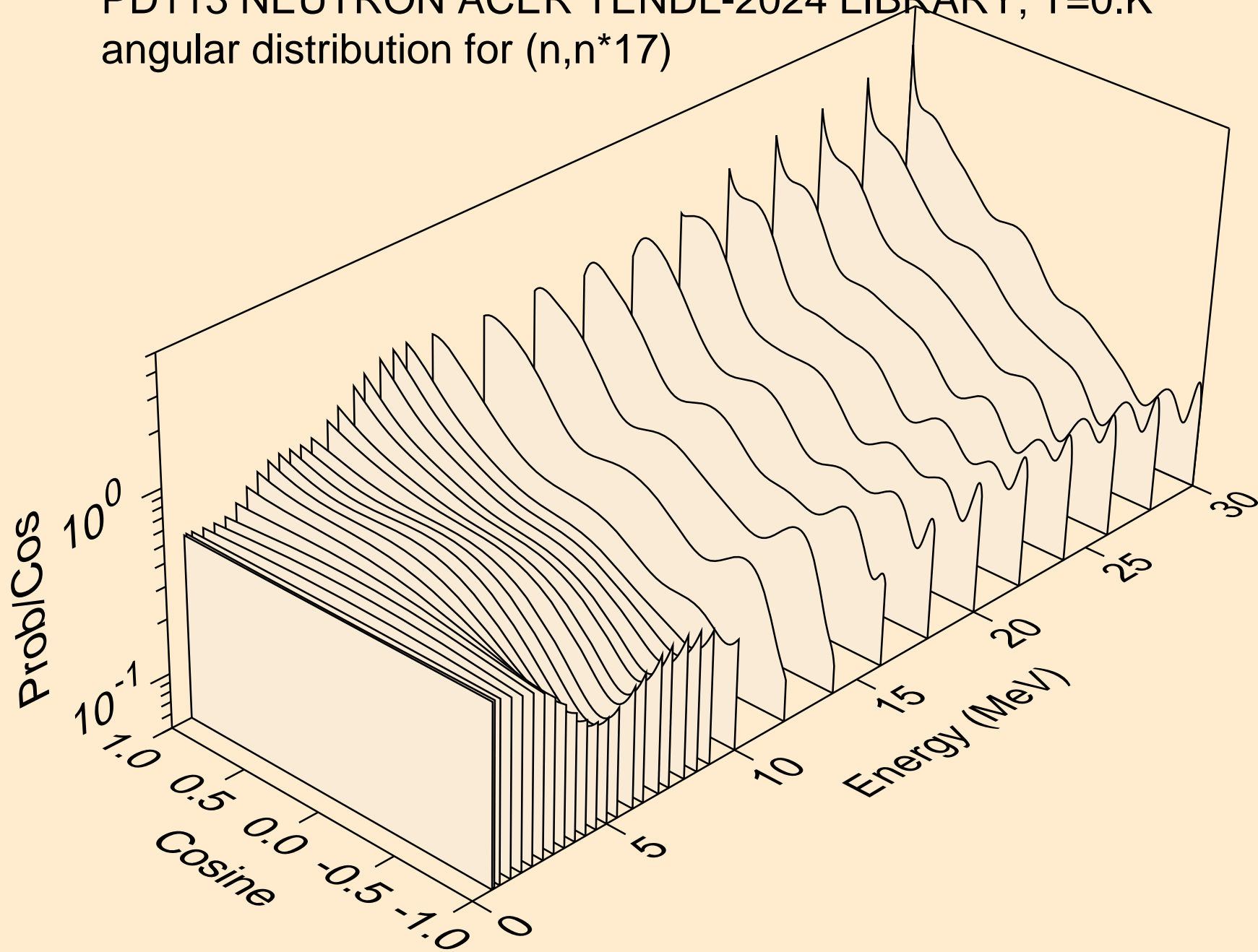
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



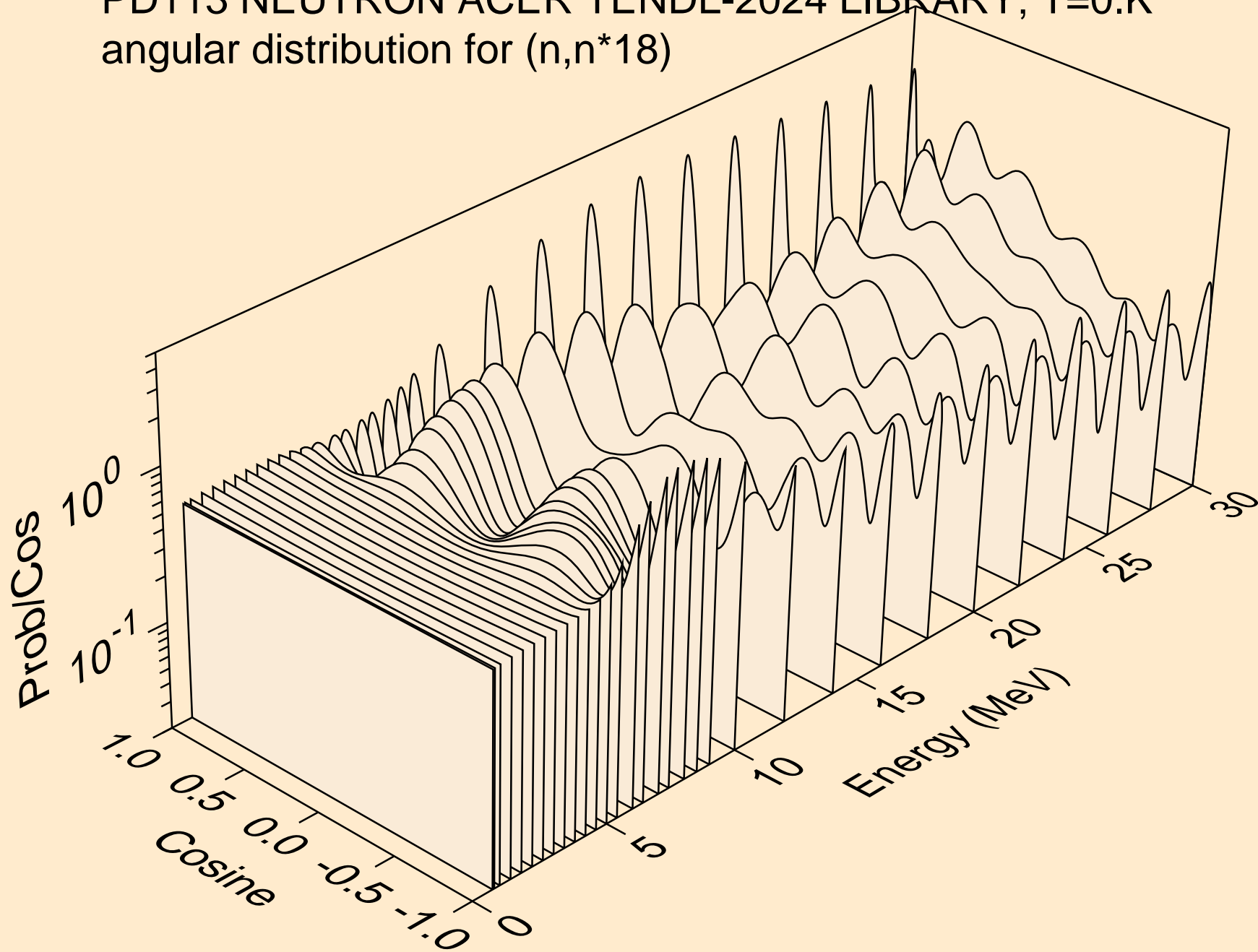
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



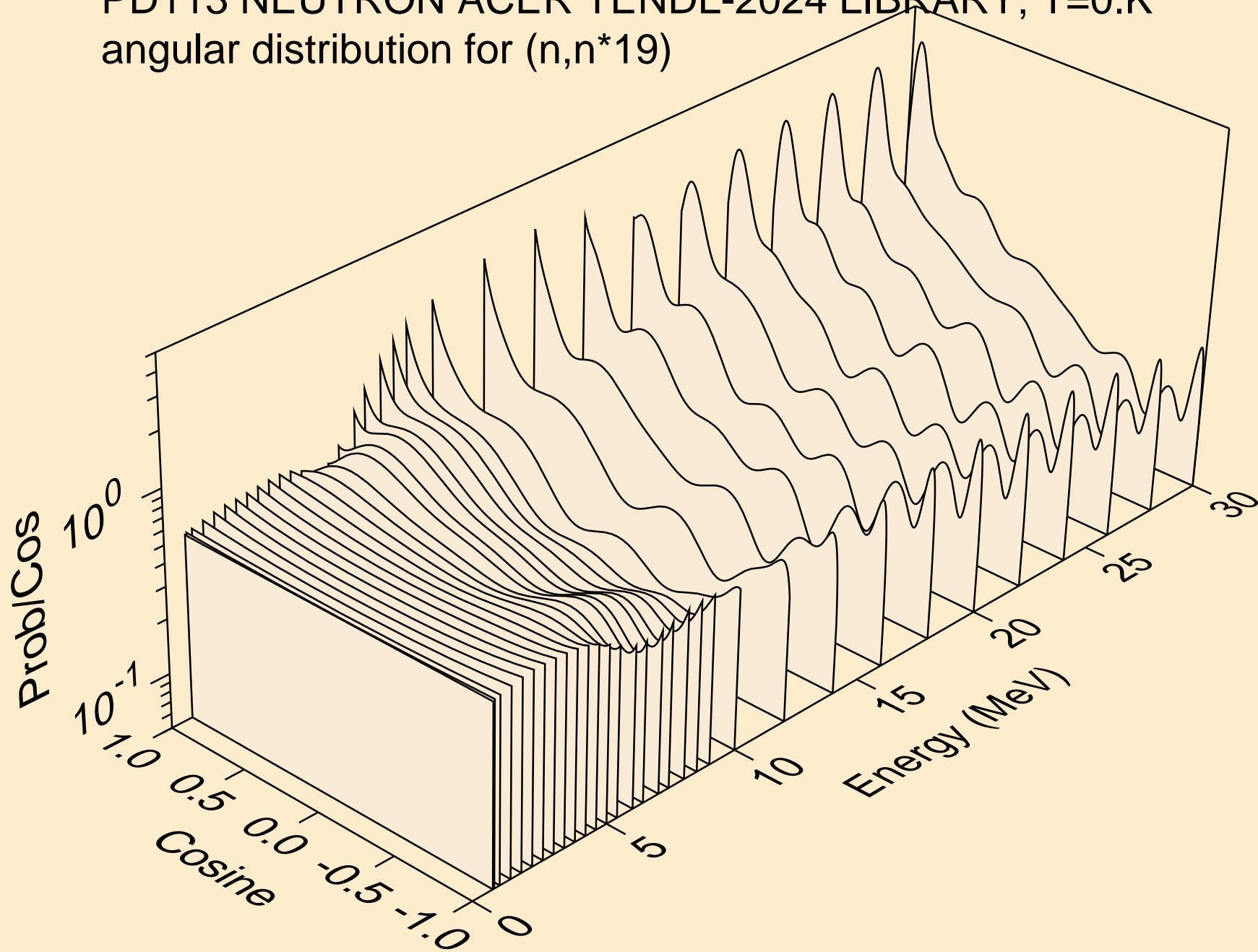
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



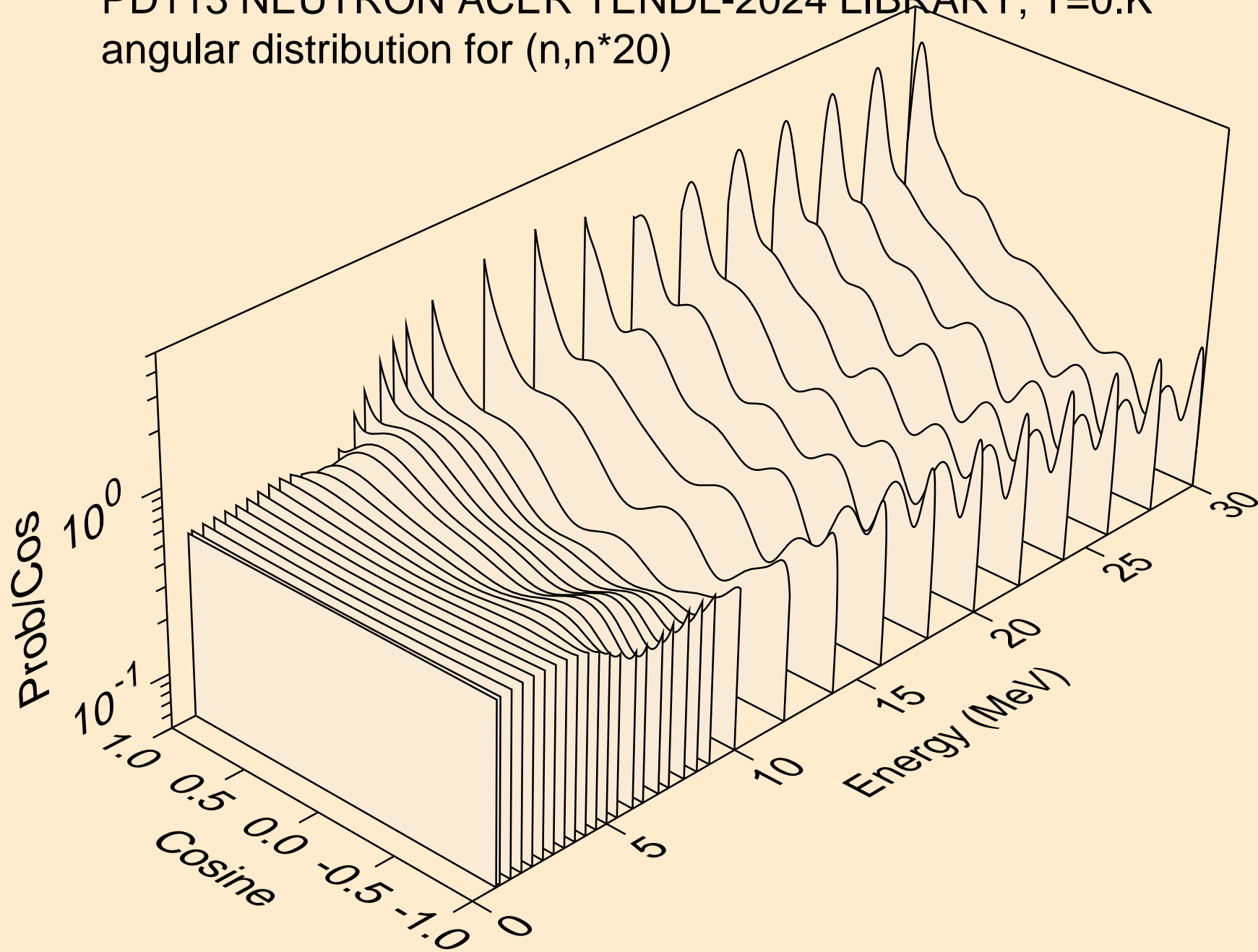
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



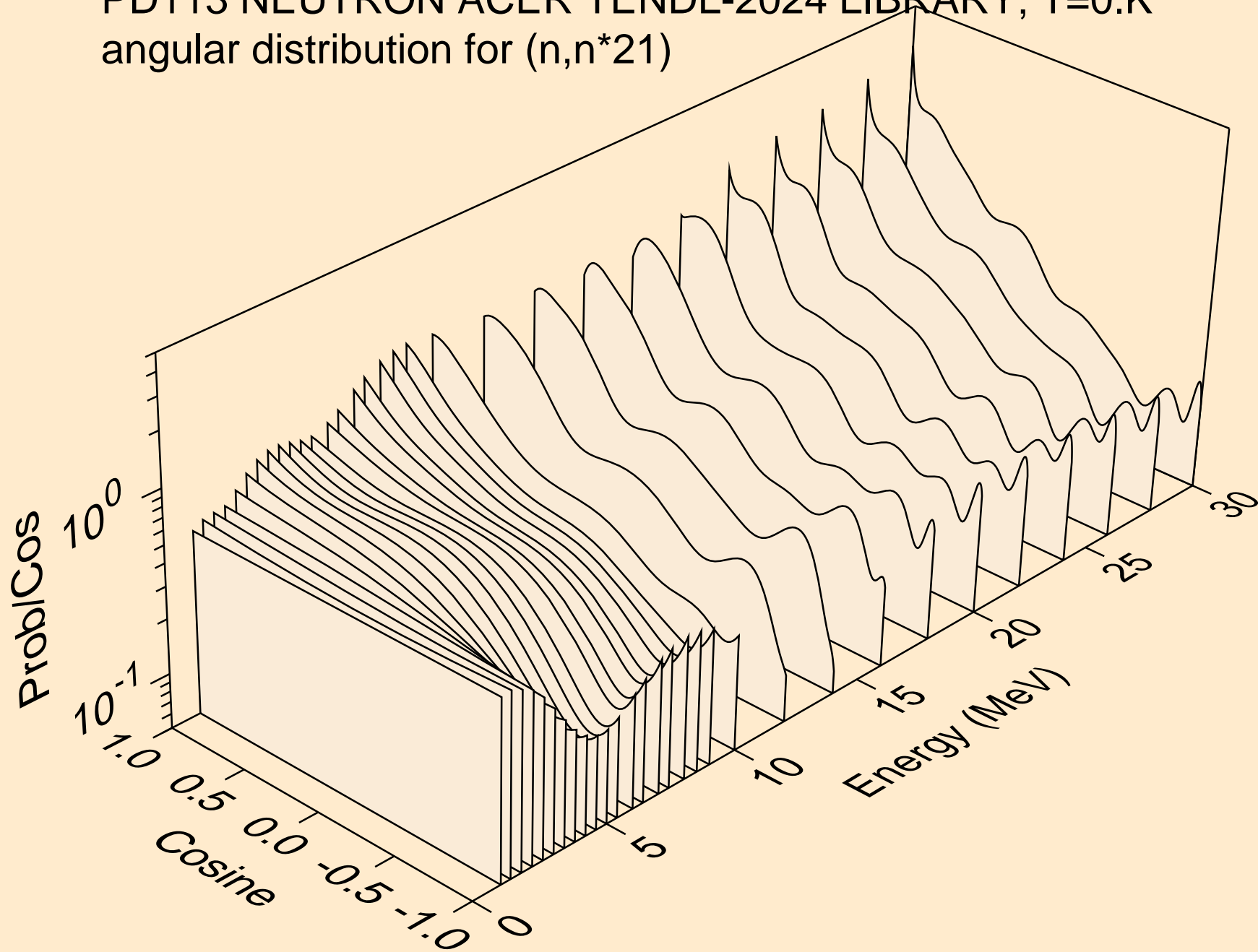
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



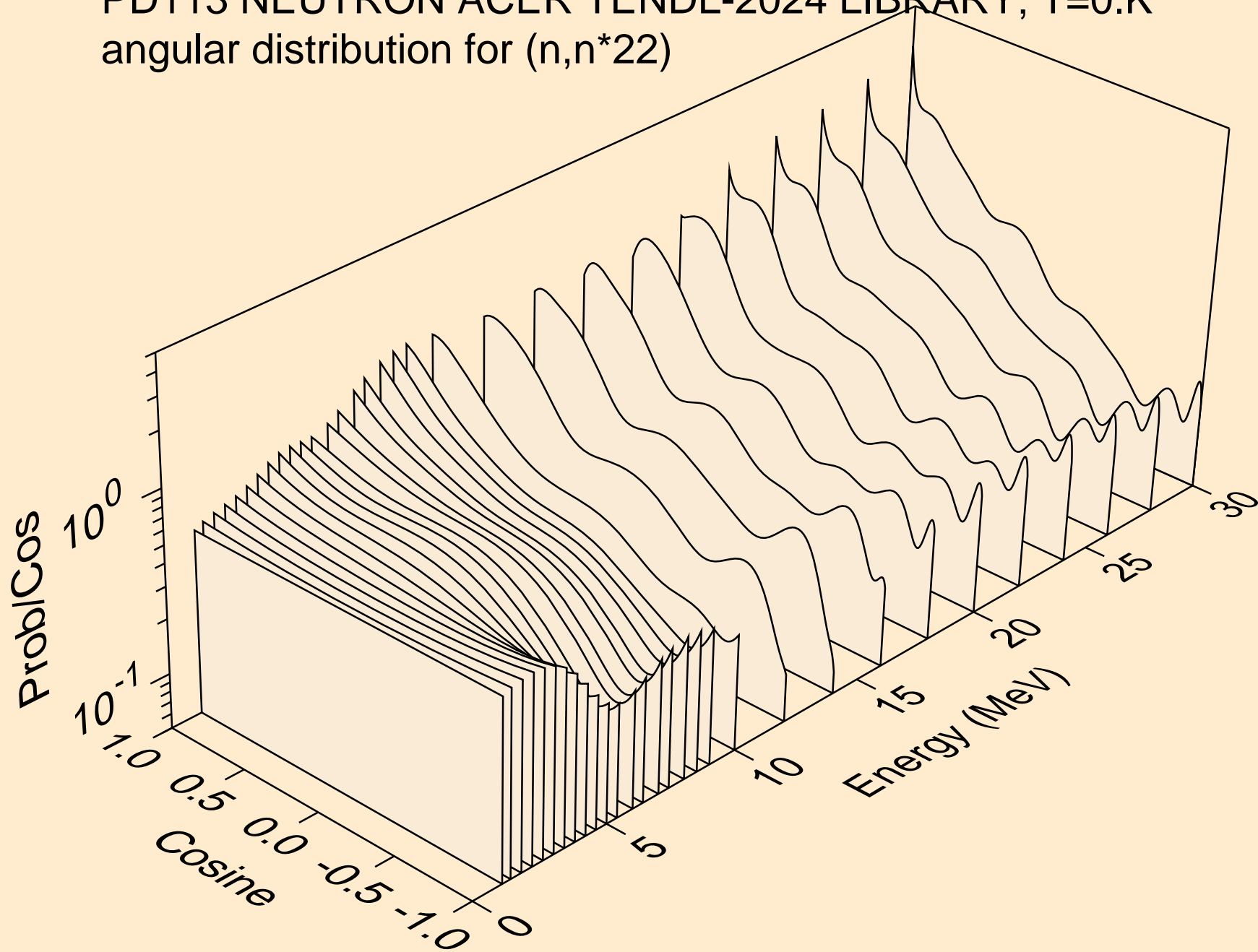
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

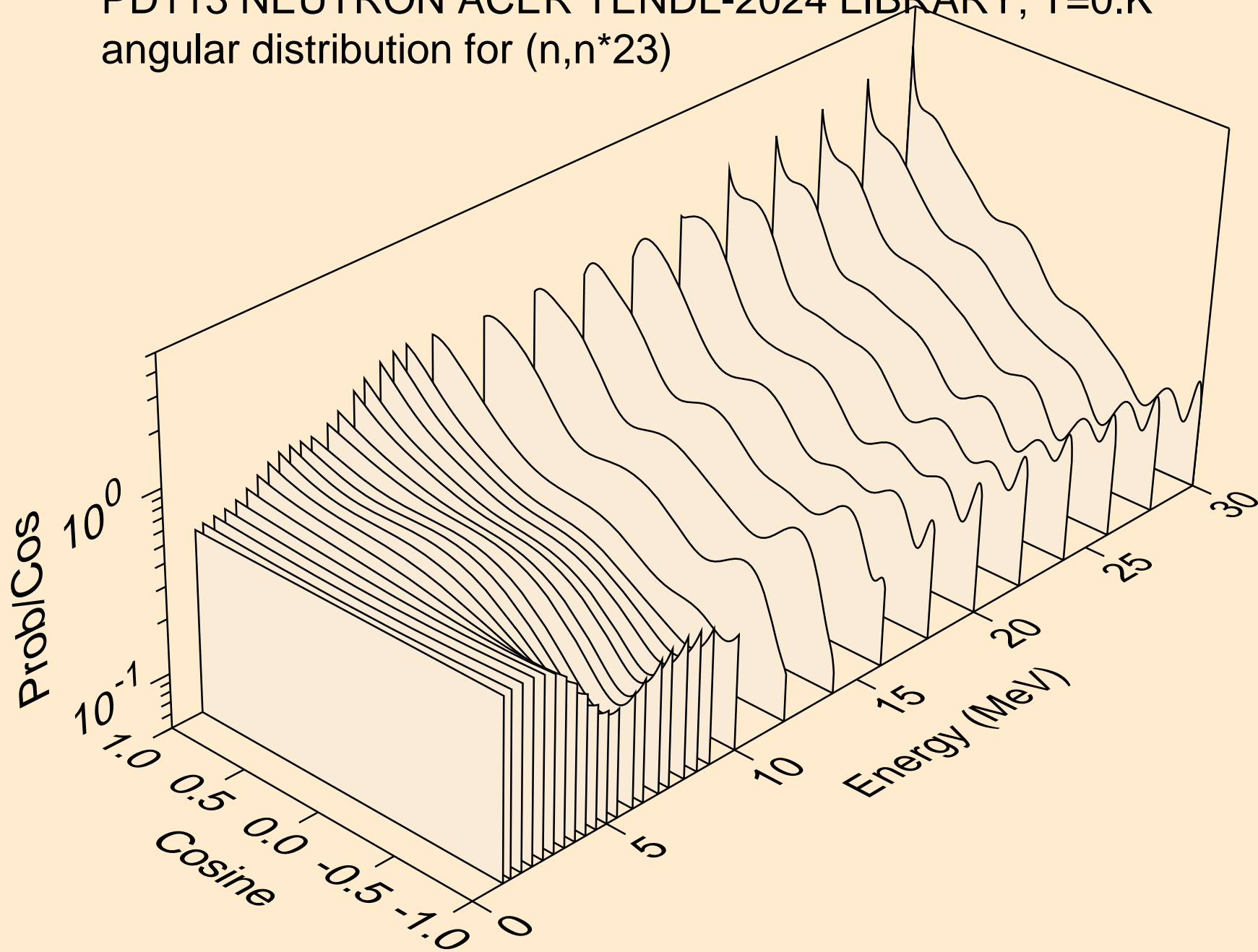


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

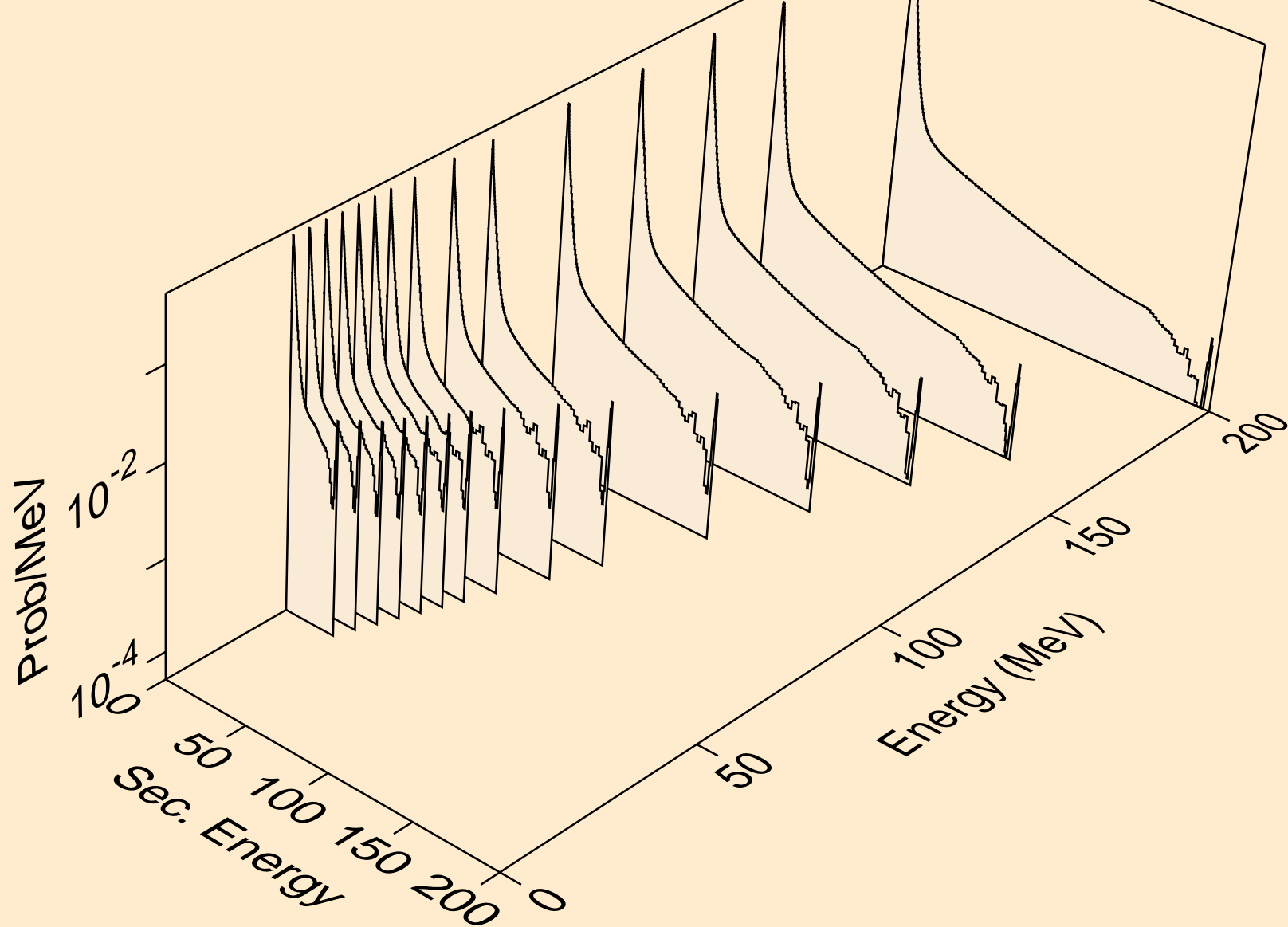




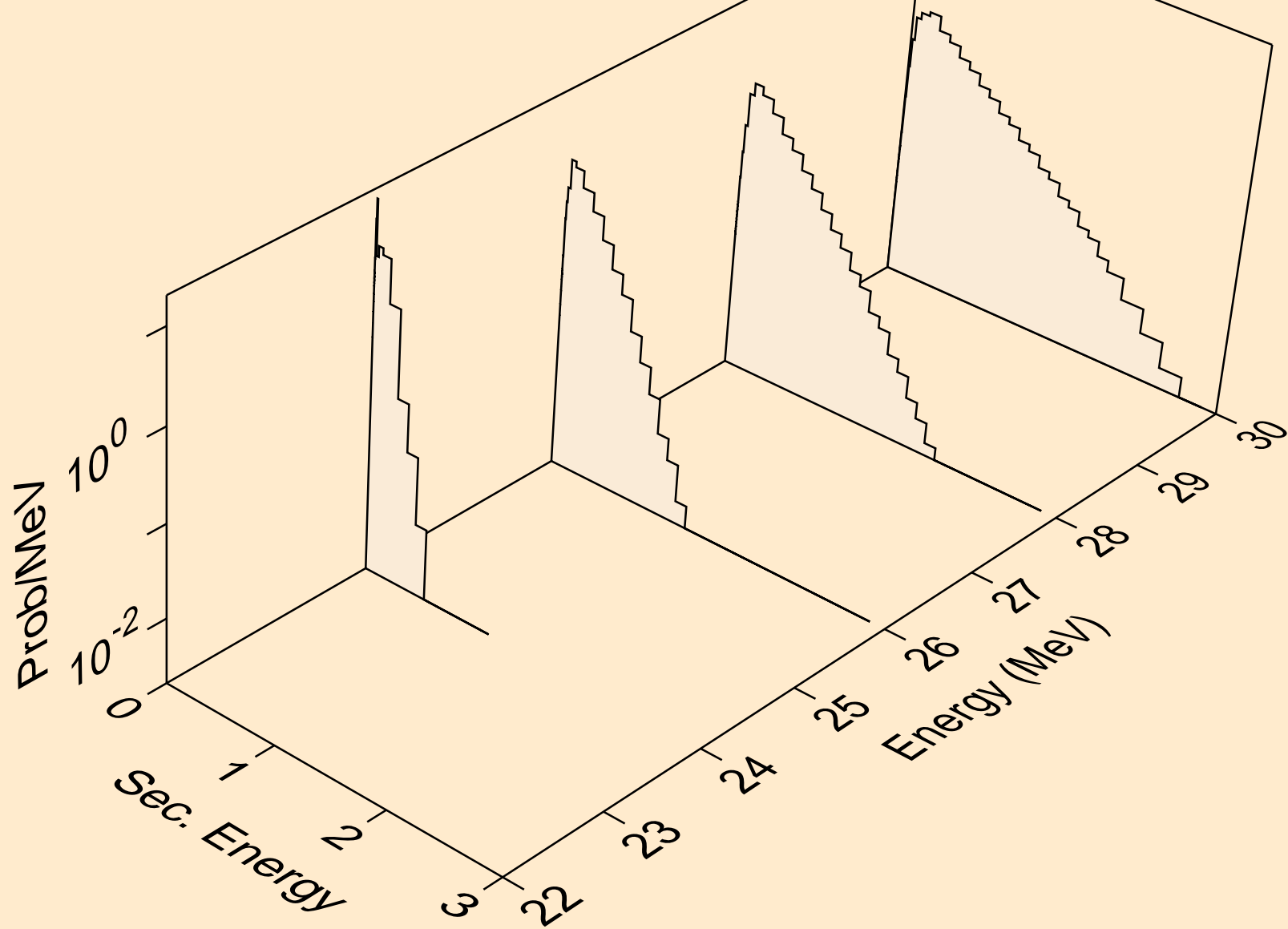
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angular distribution for (n,n\*23)



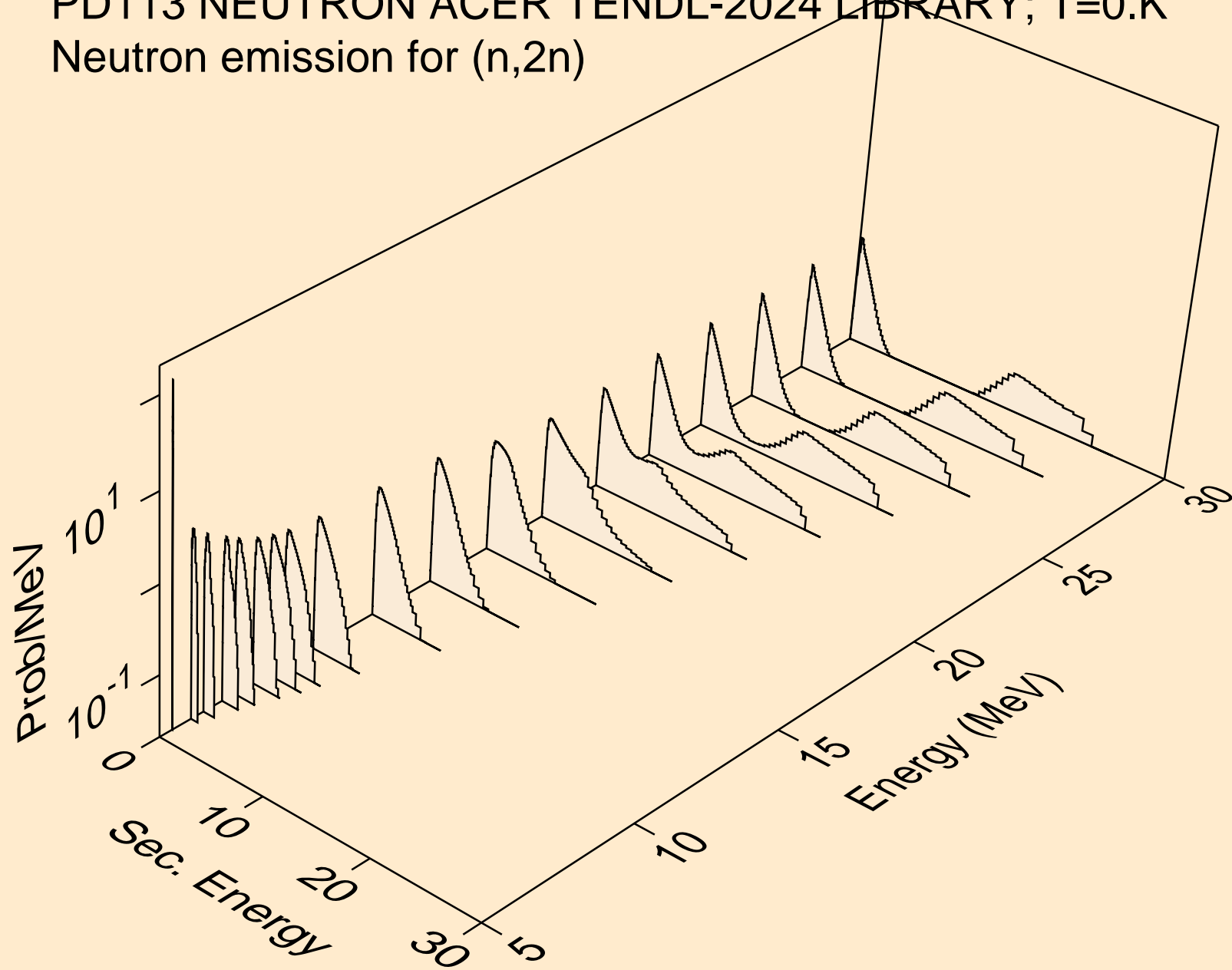
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



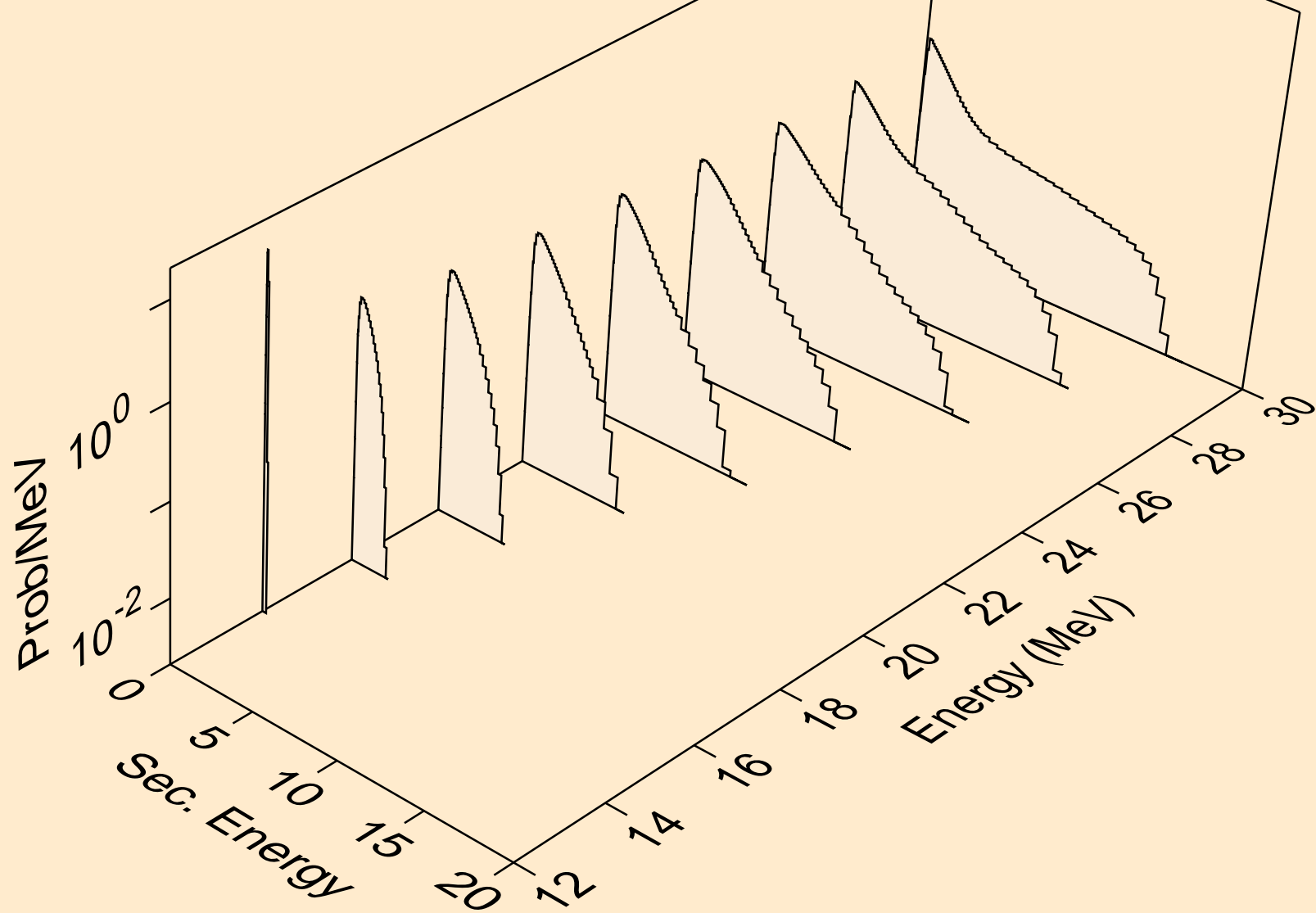
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



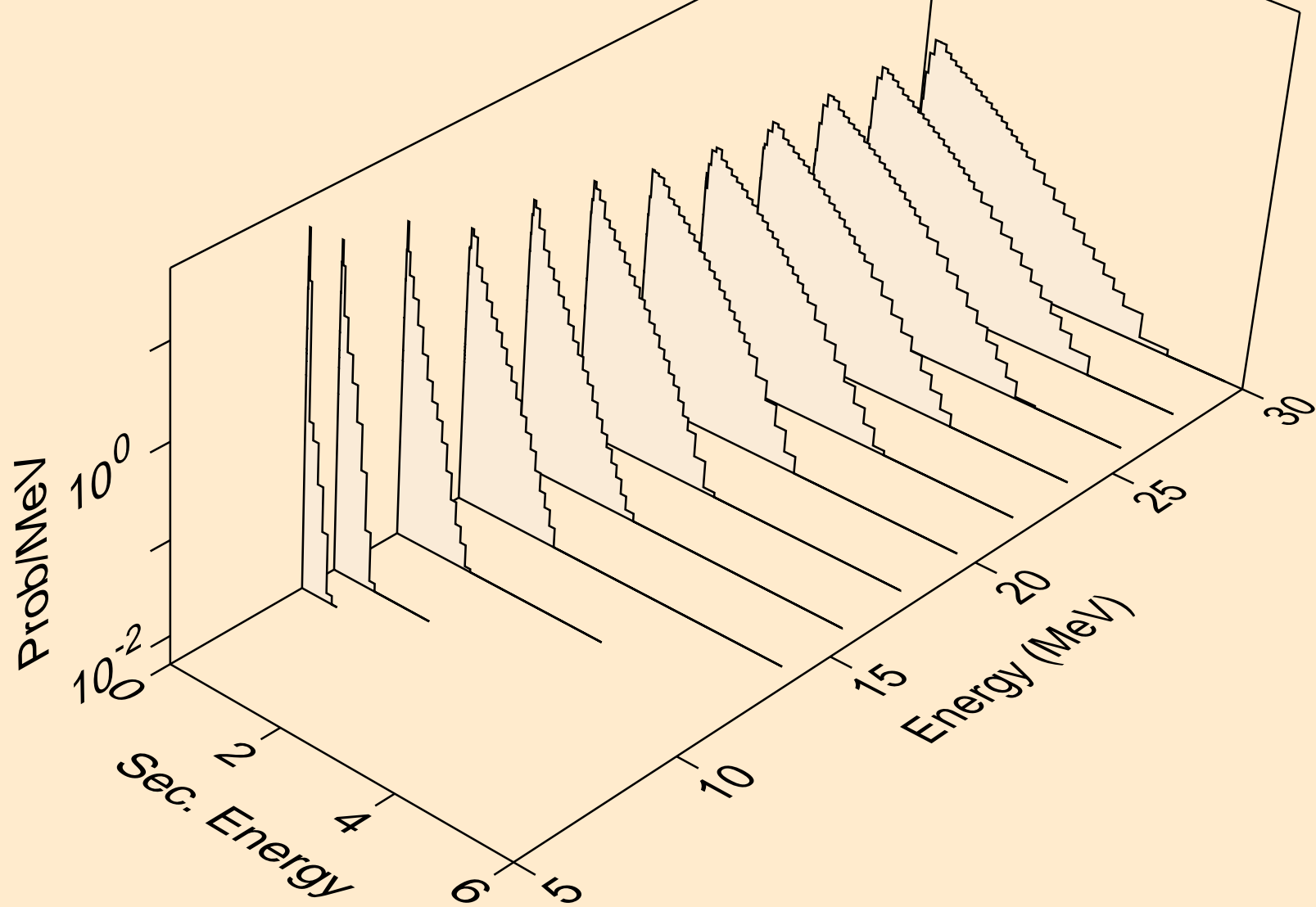
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



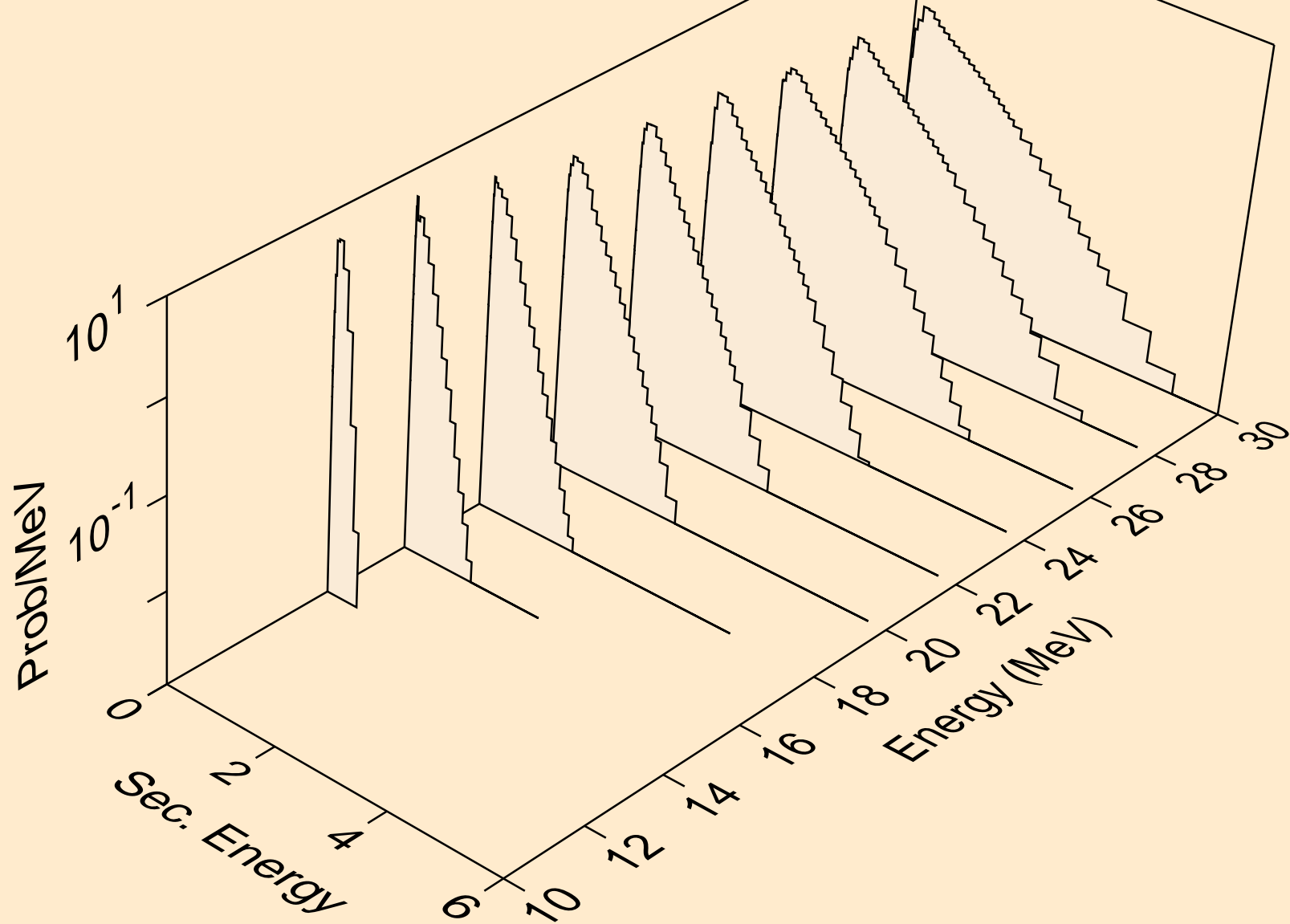
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



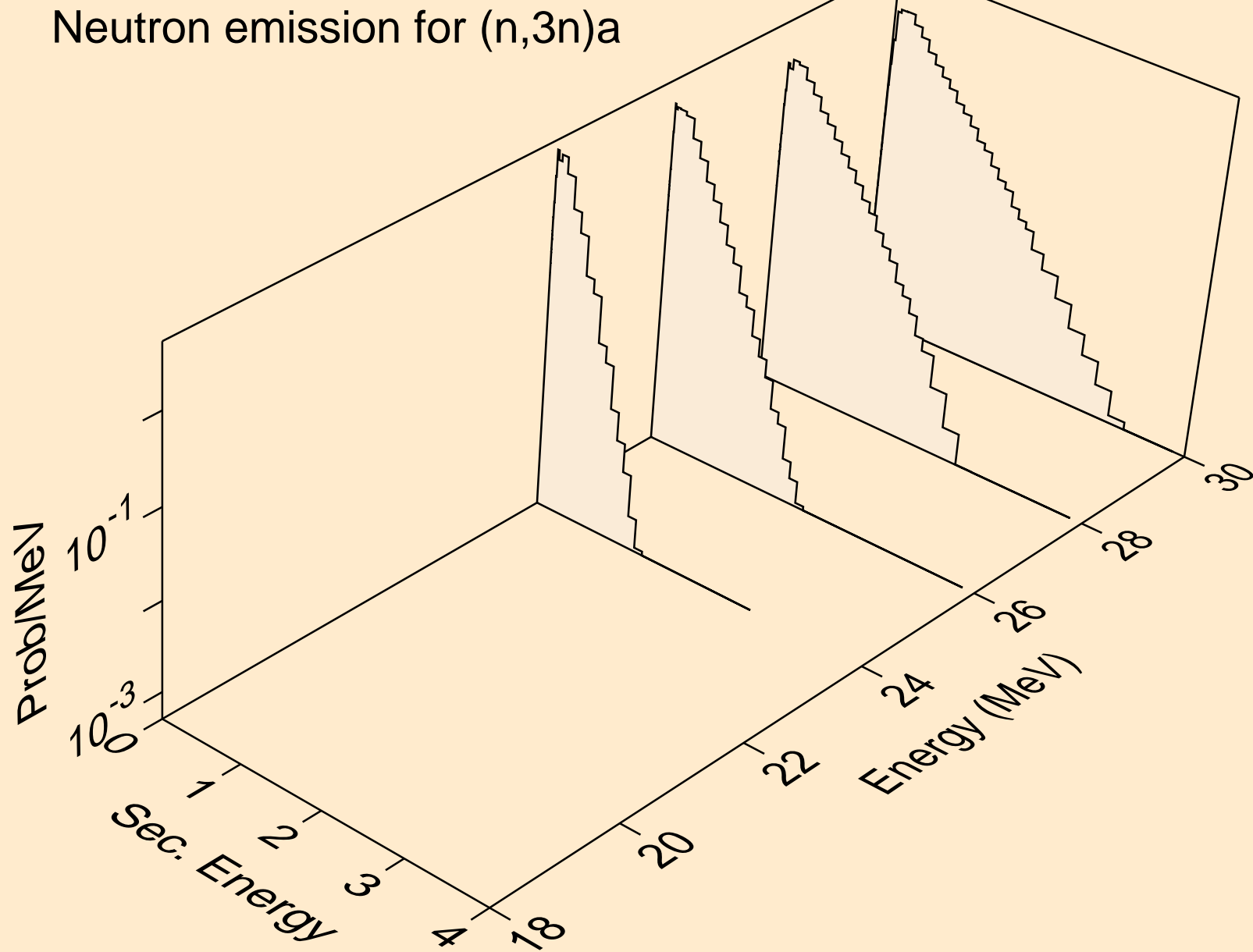
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

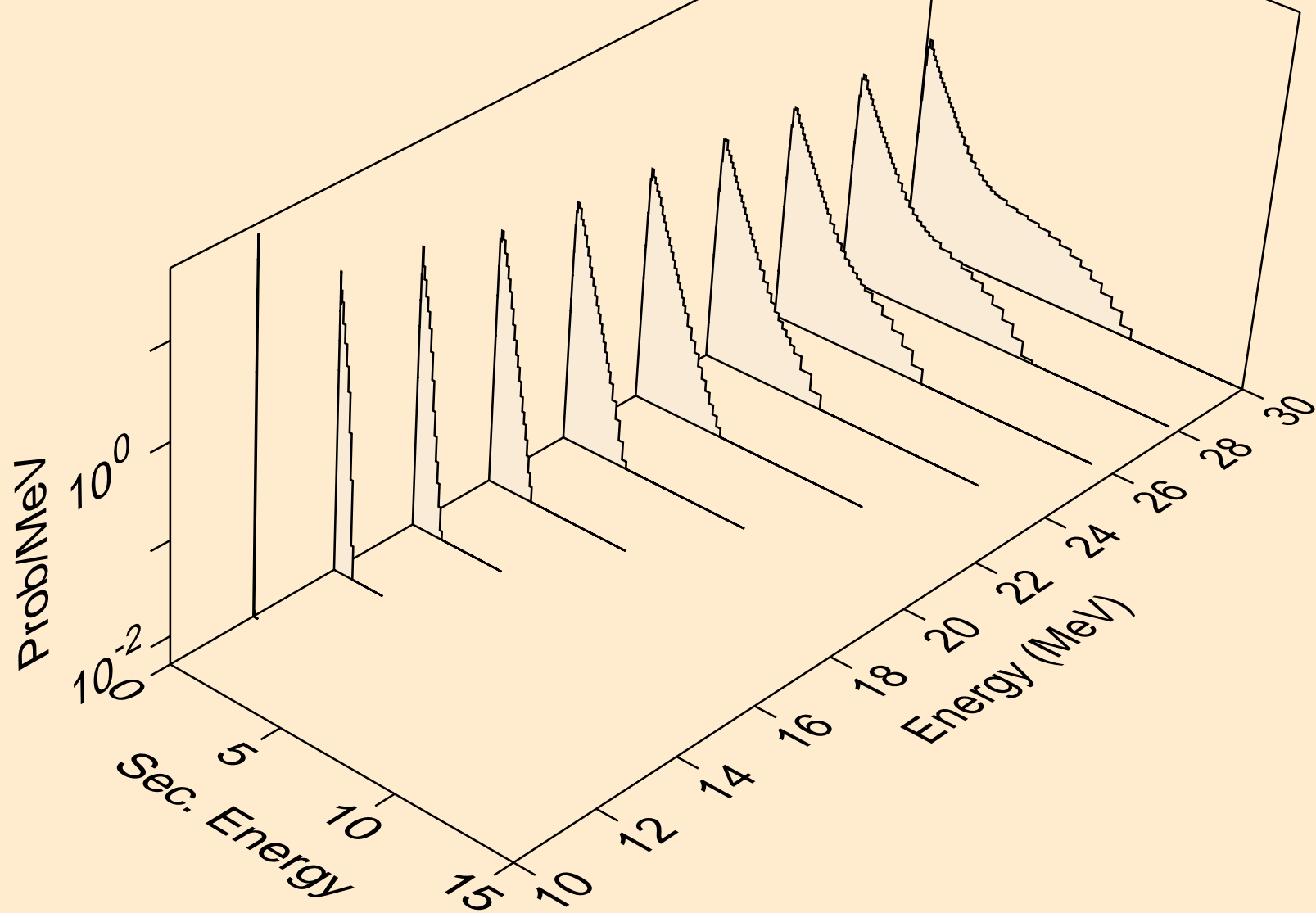


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

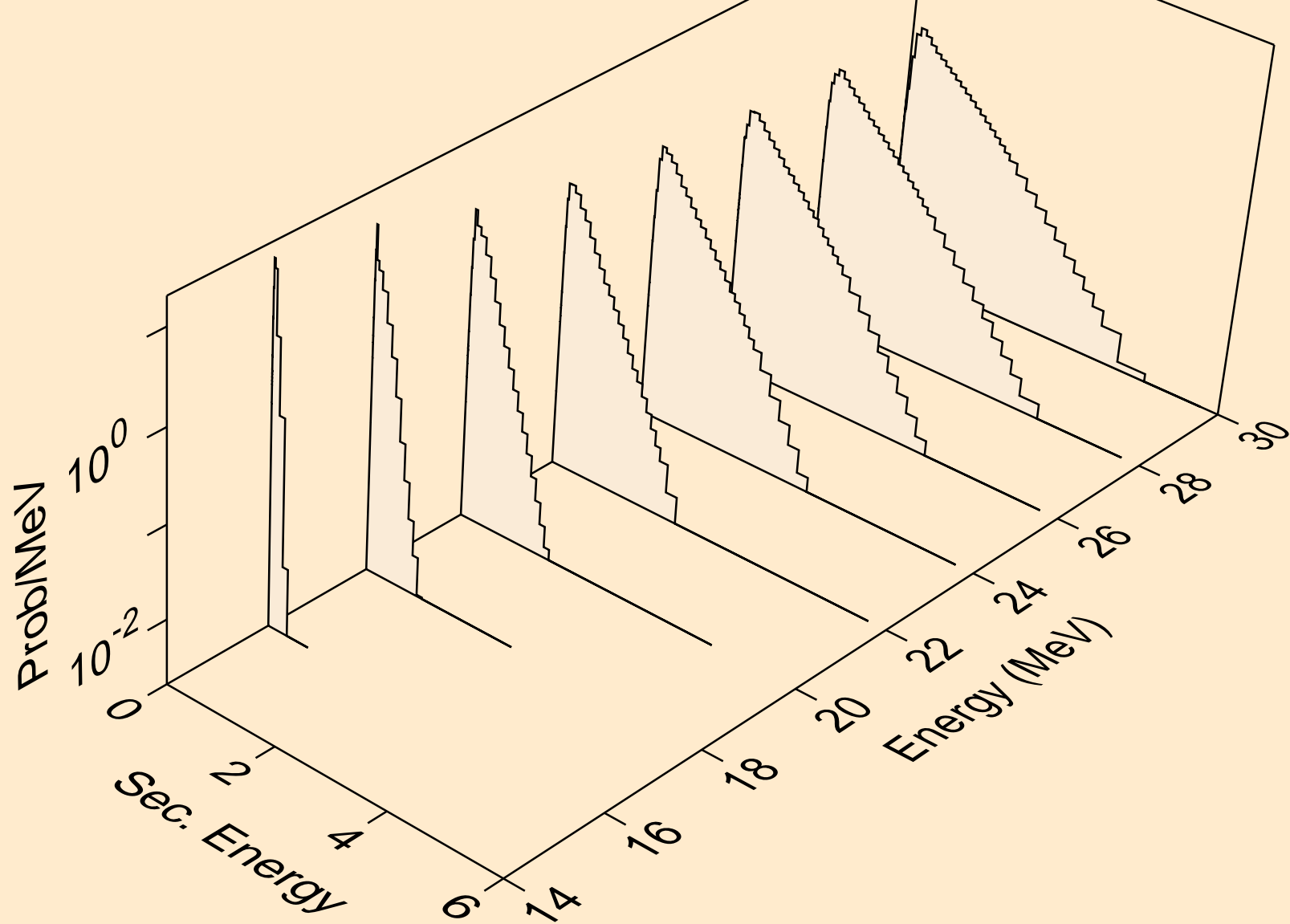




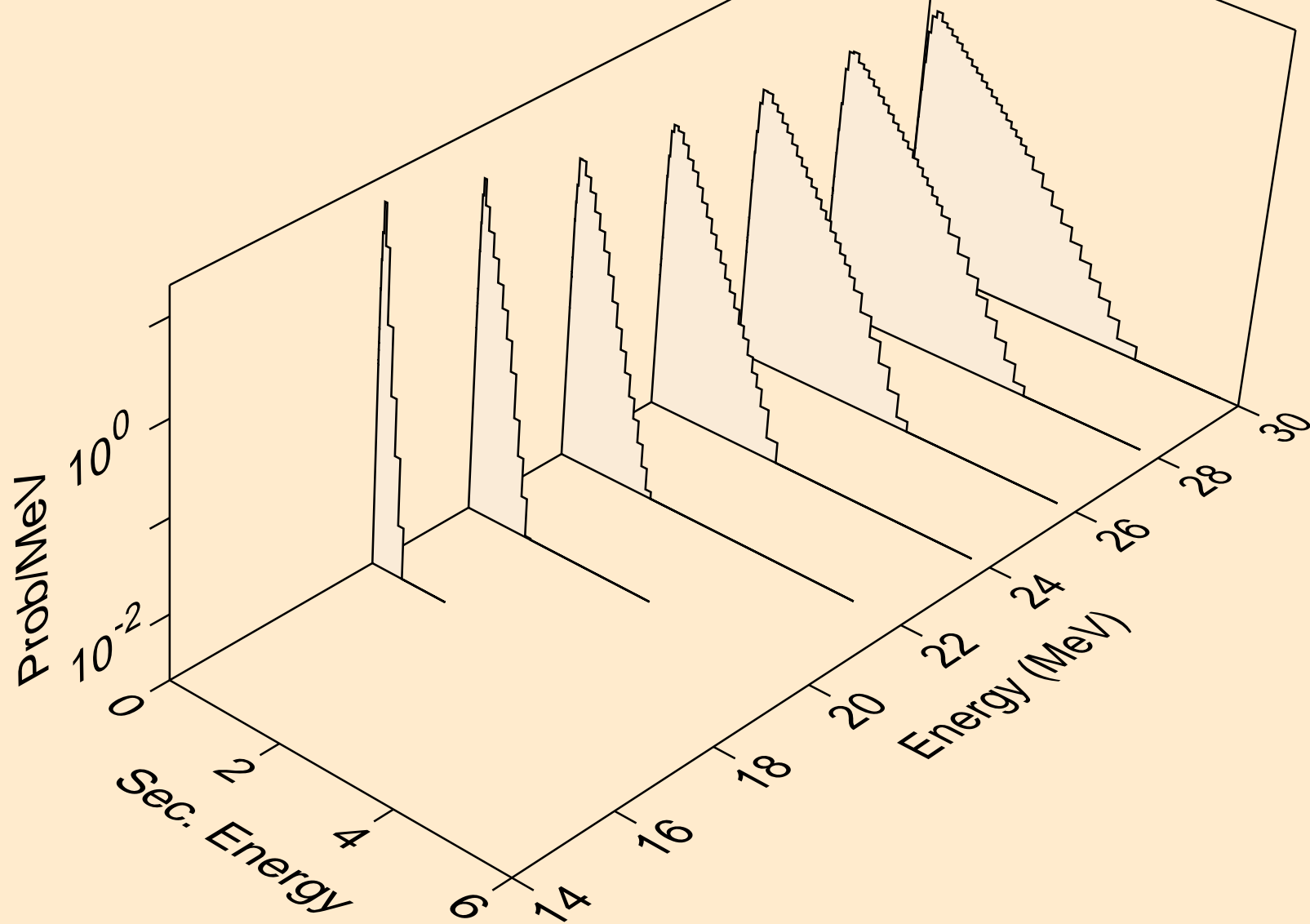
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



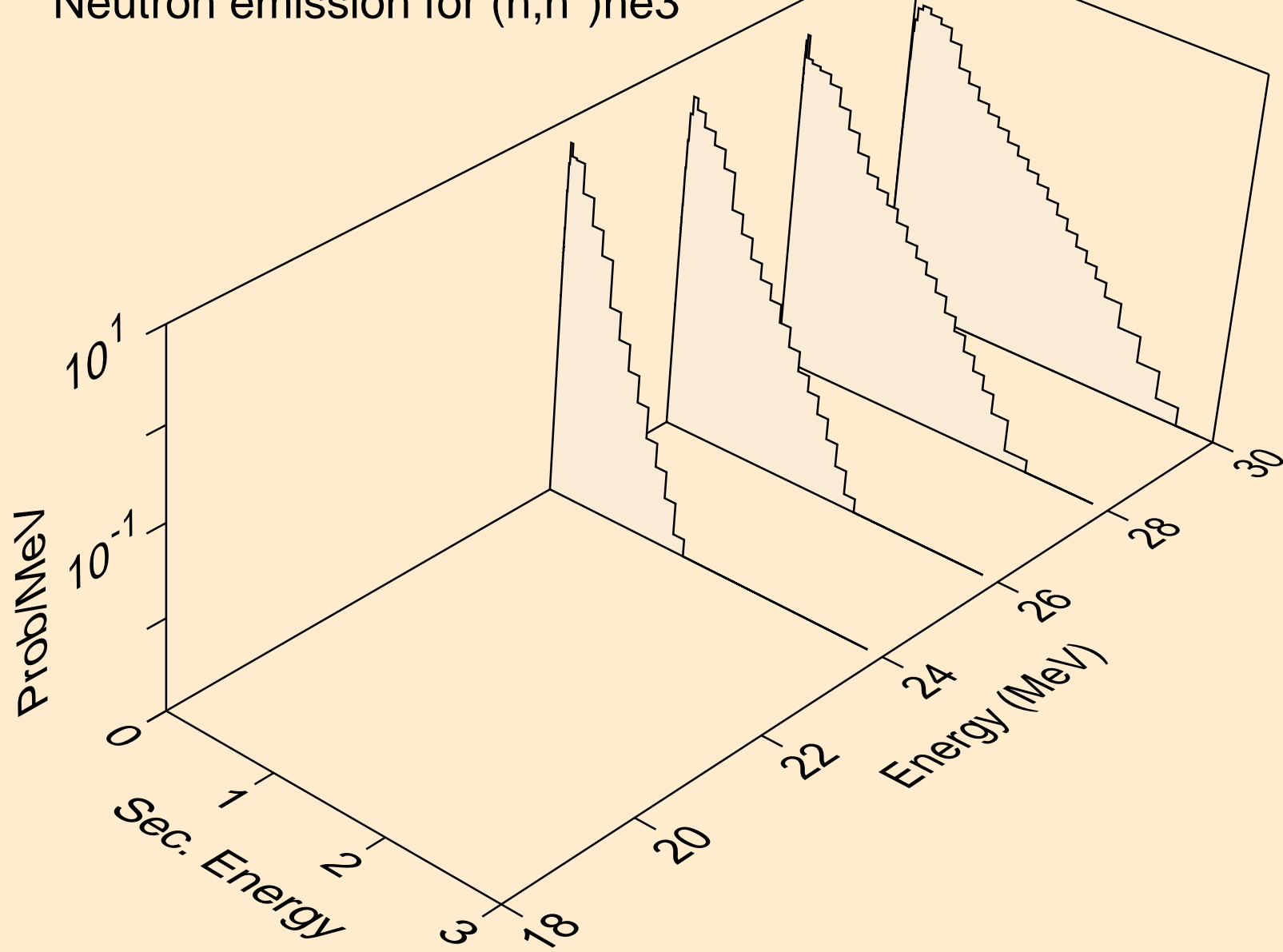
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



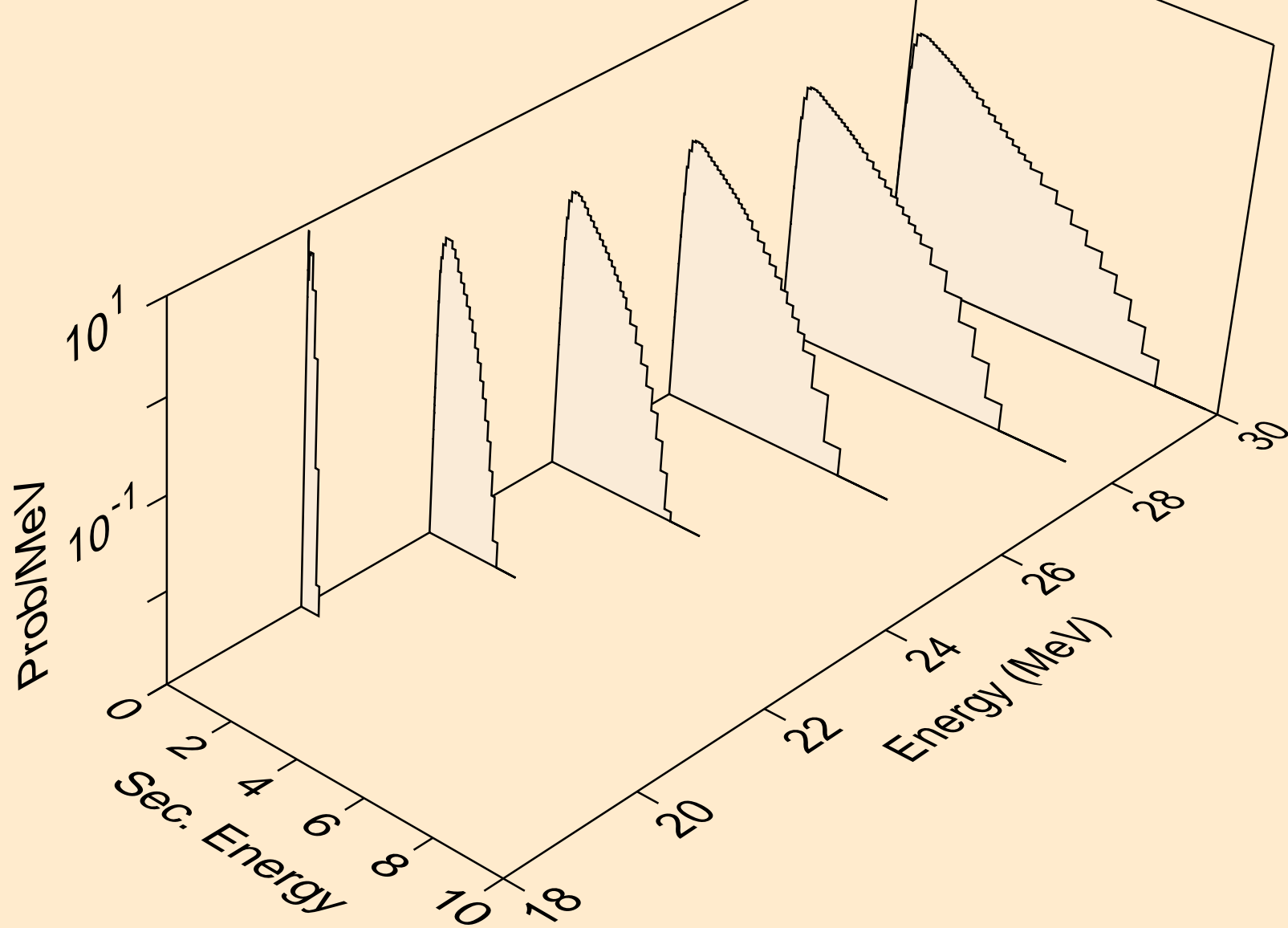
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



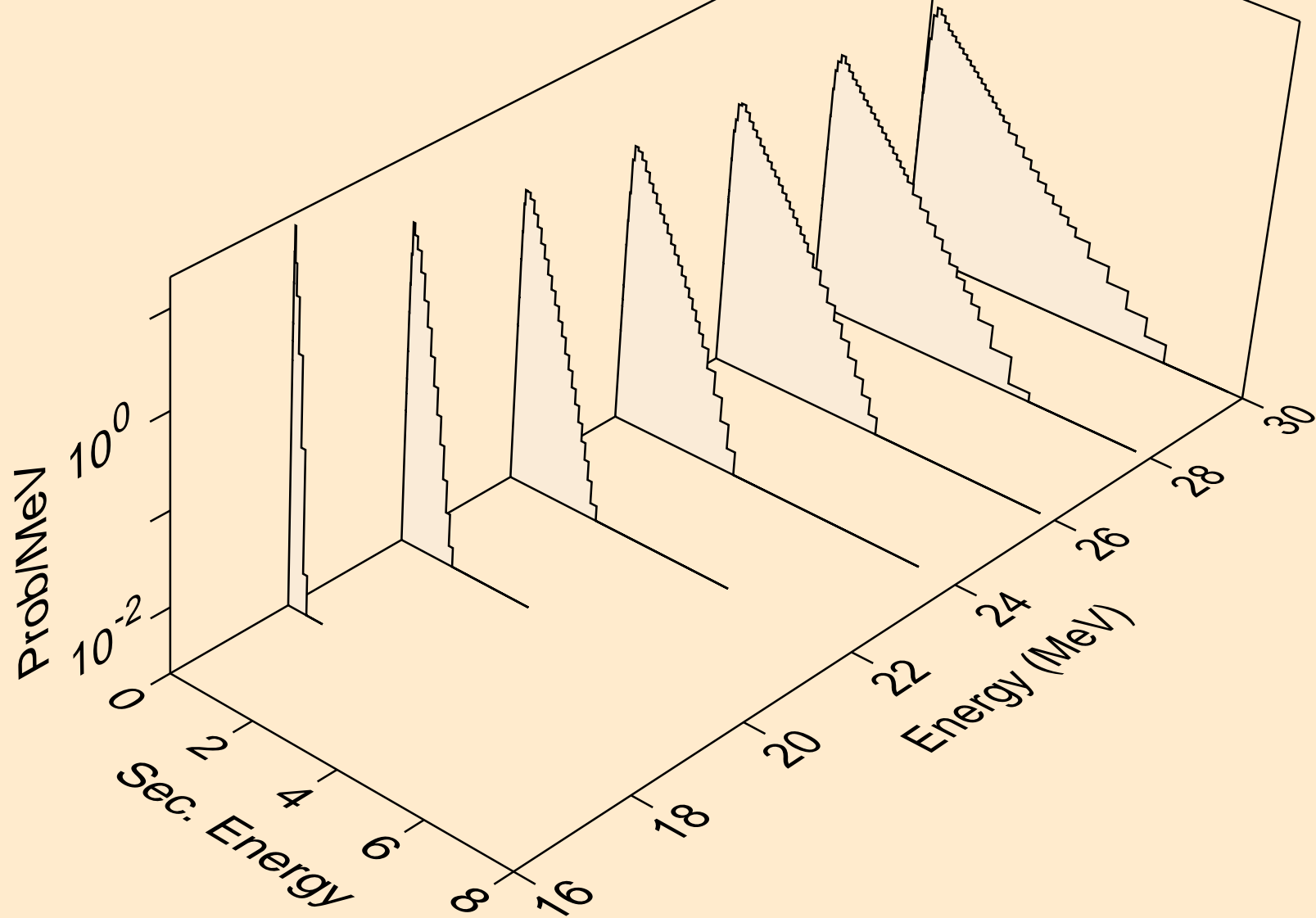
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



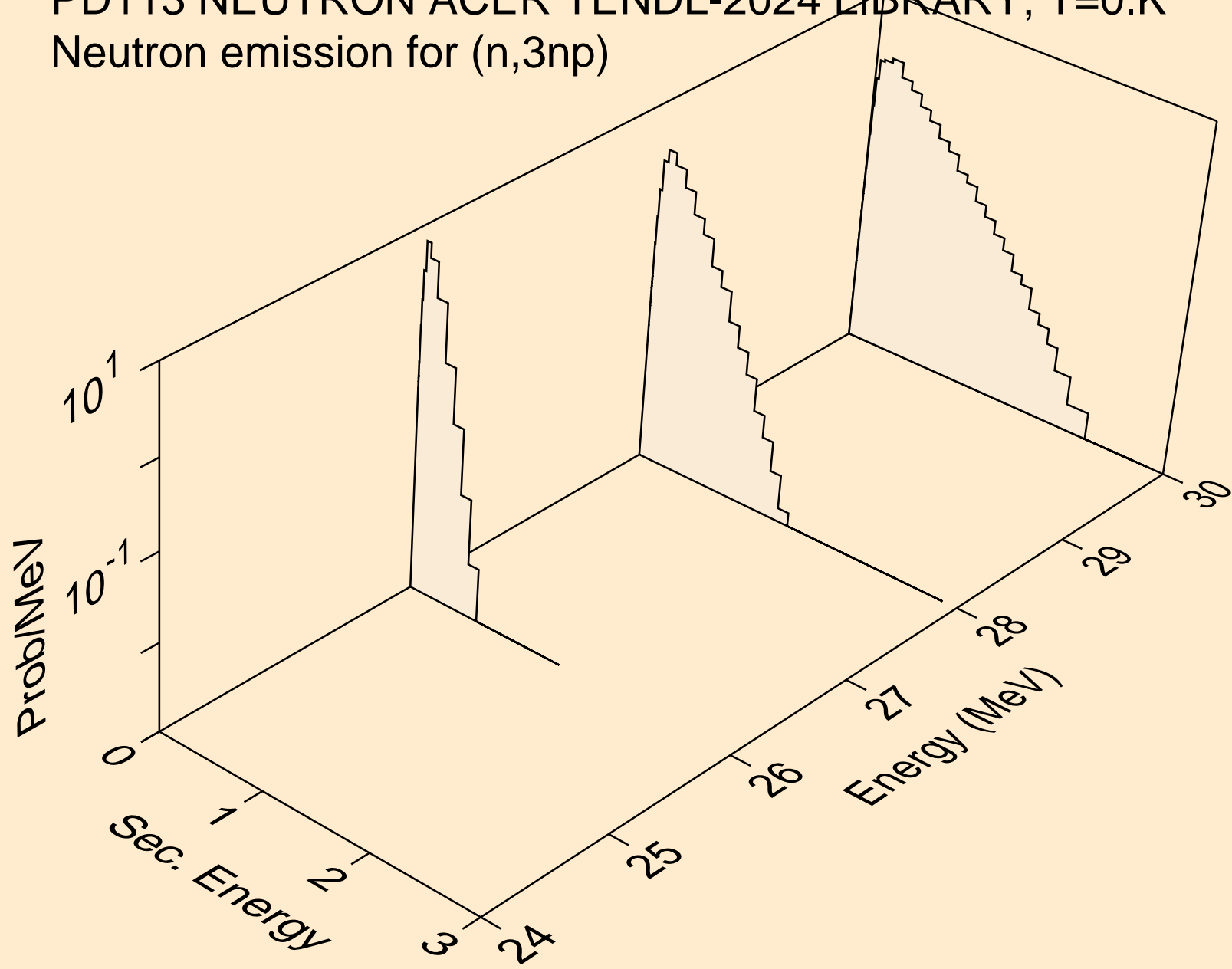
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



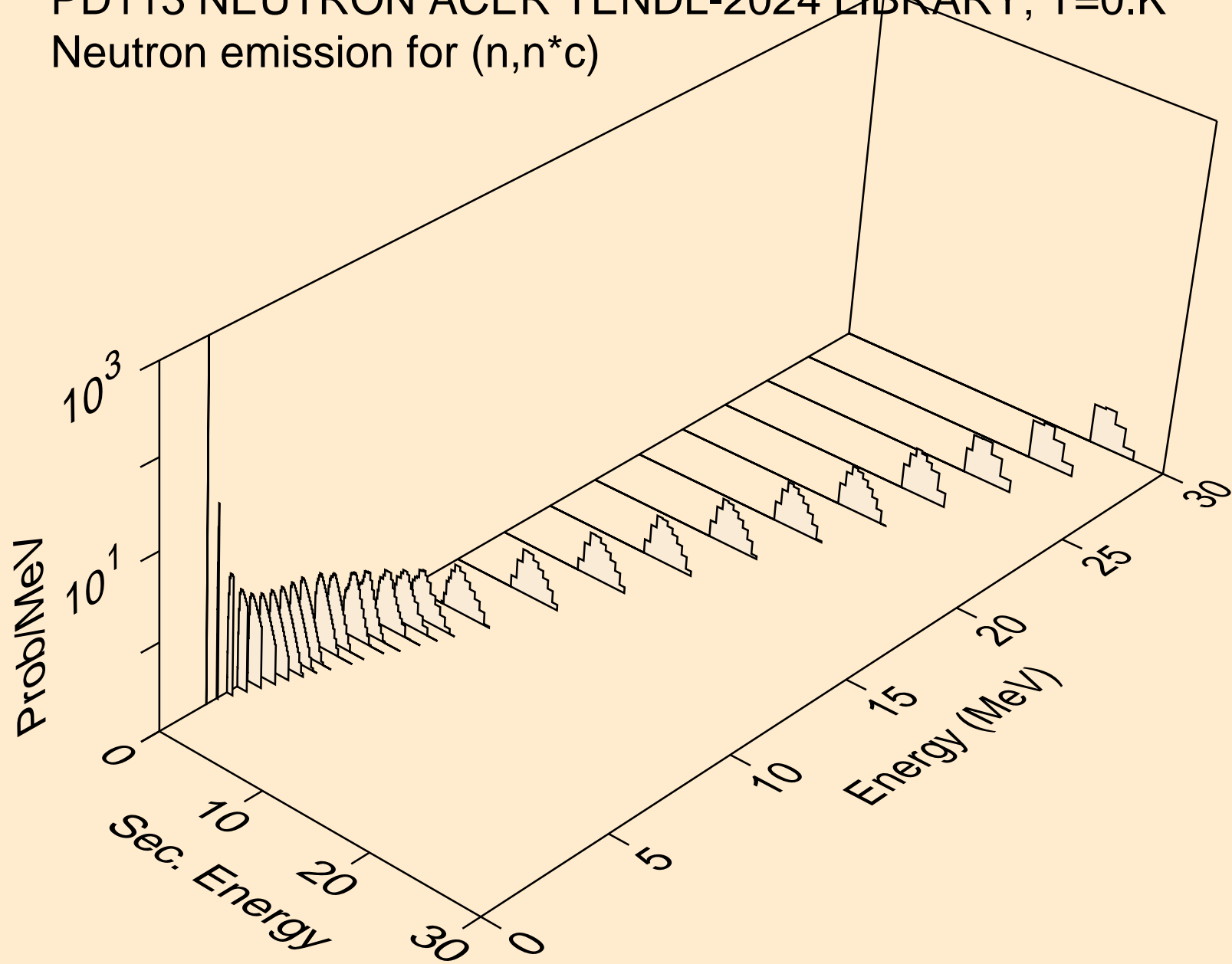
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

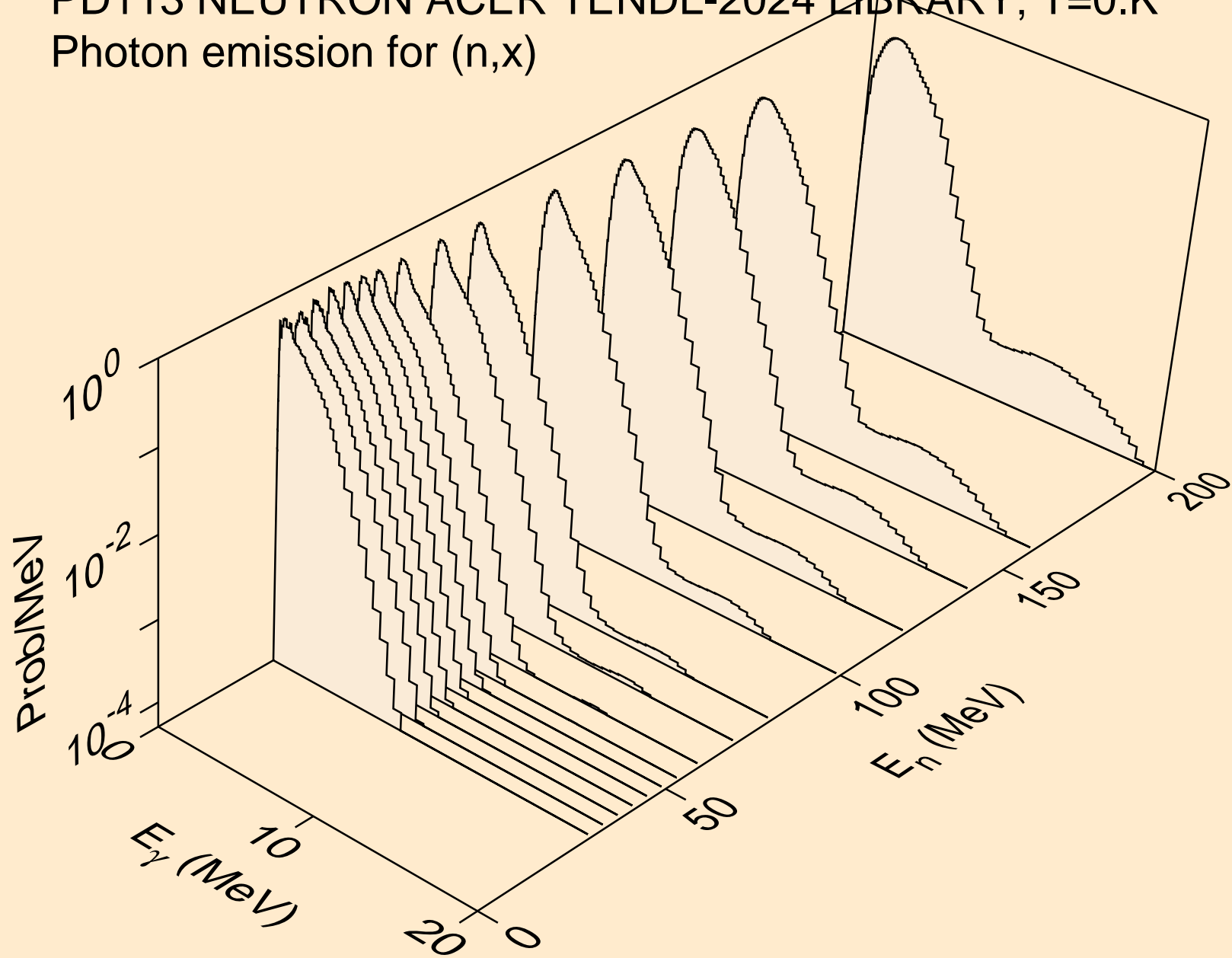


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

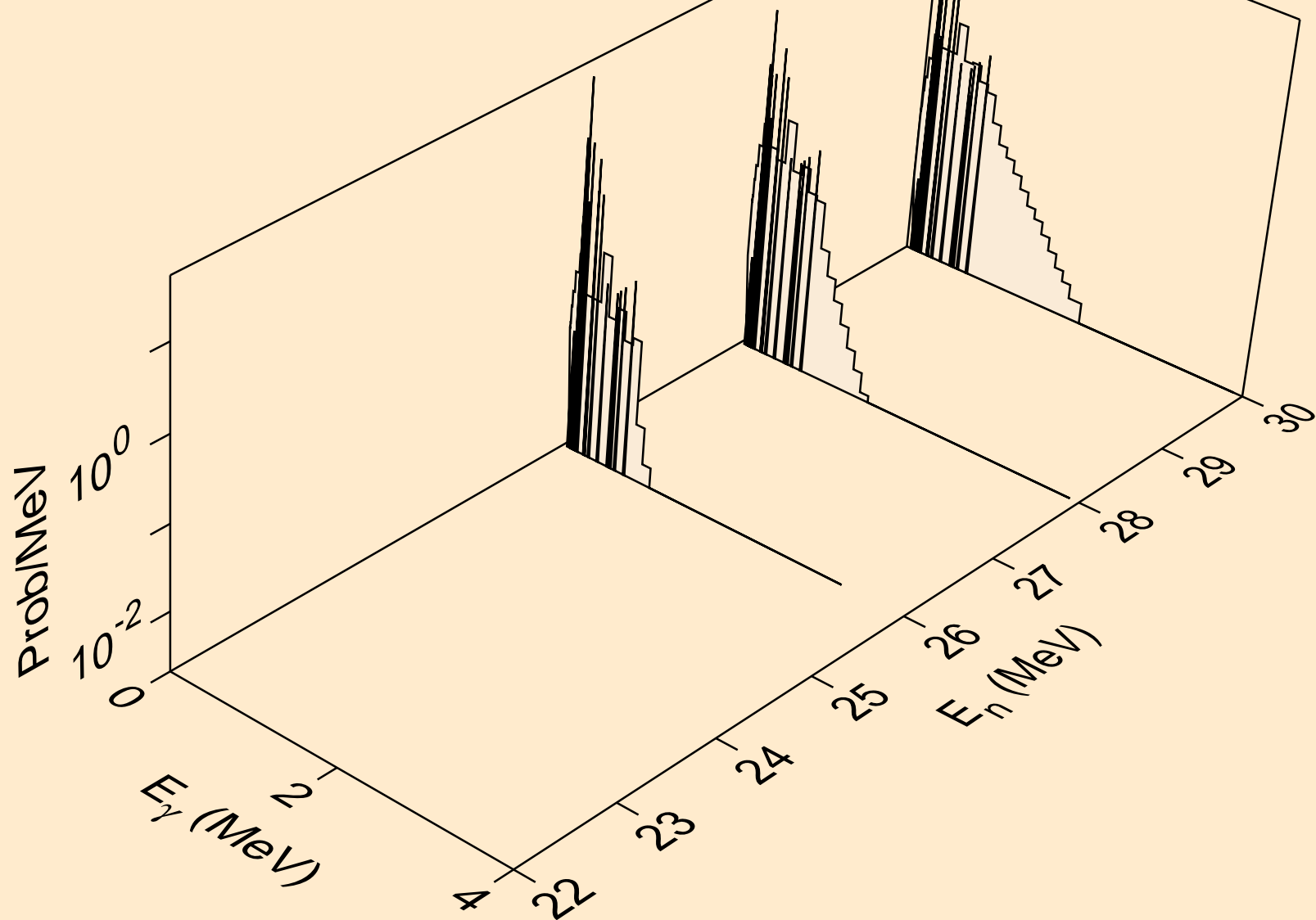




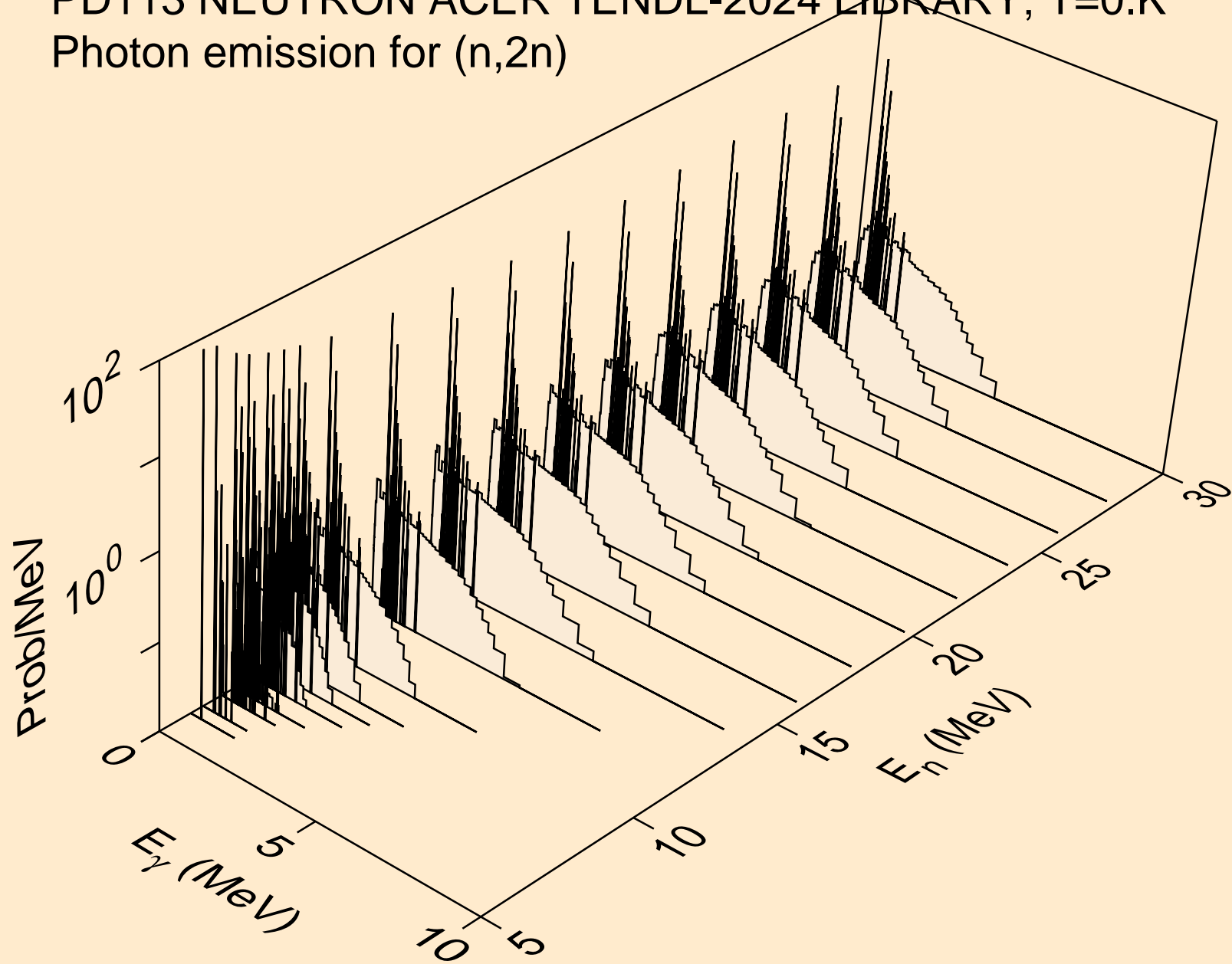
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



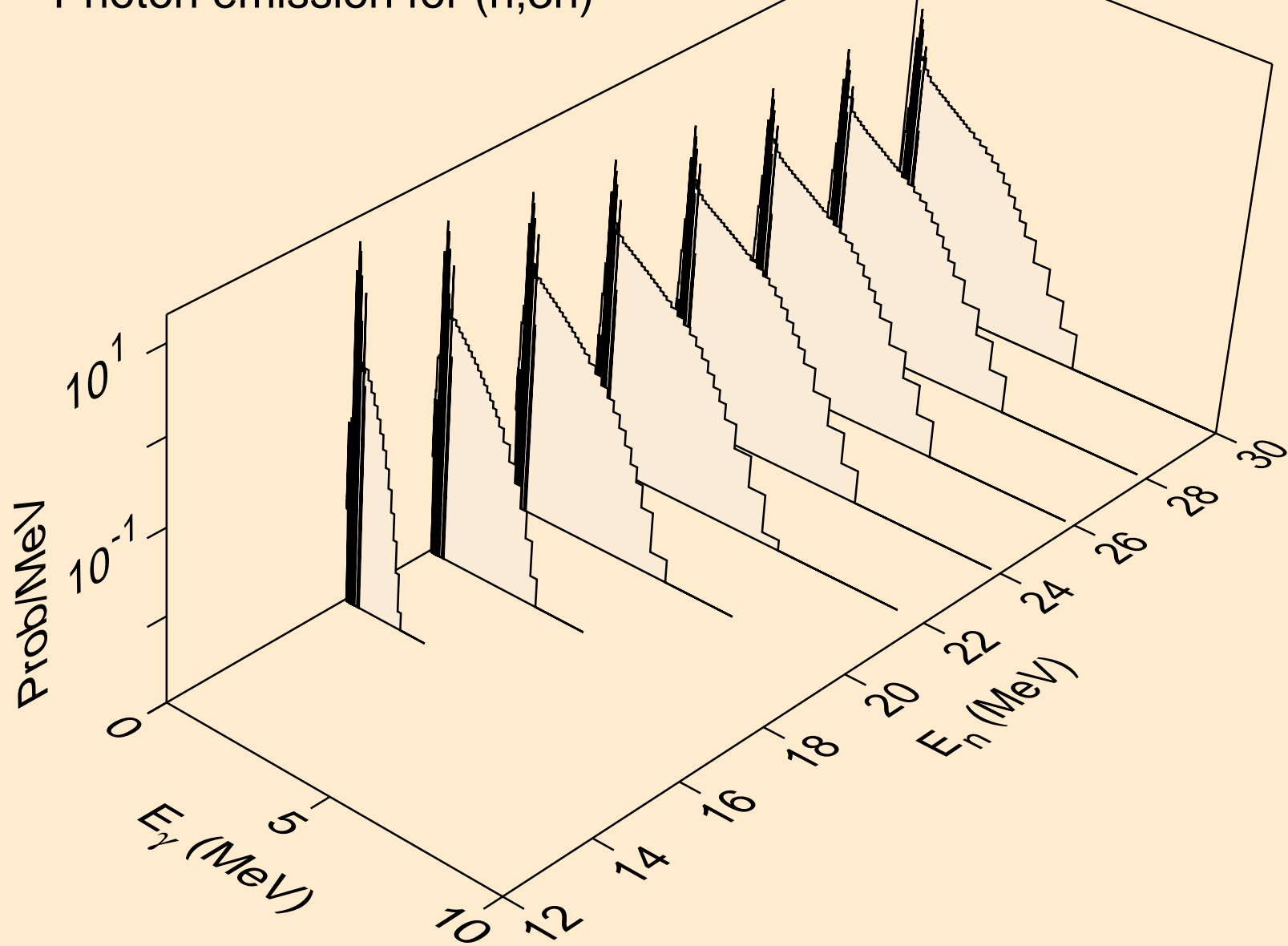
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



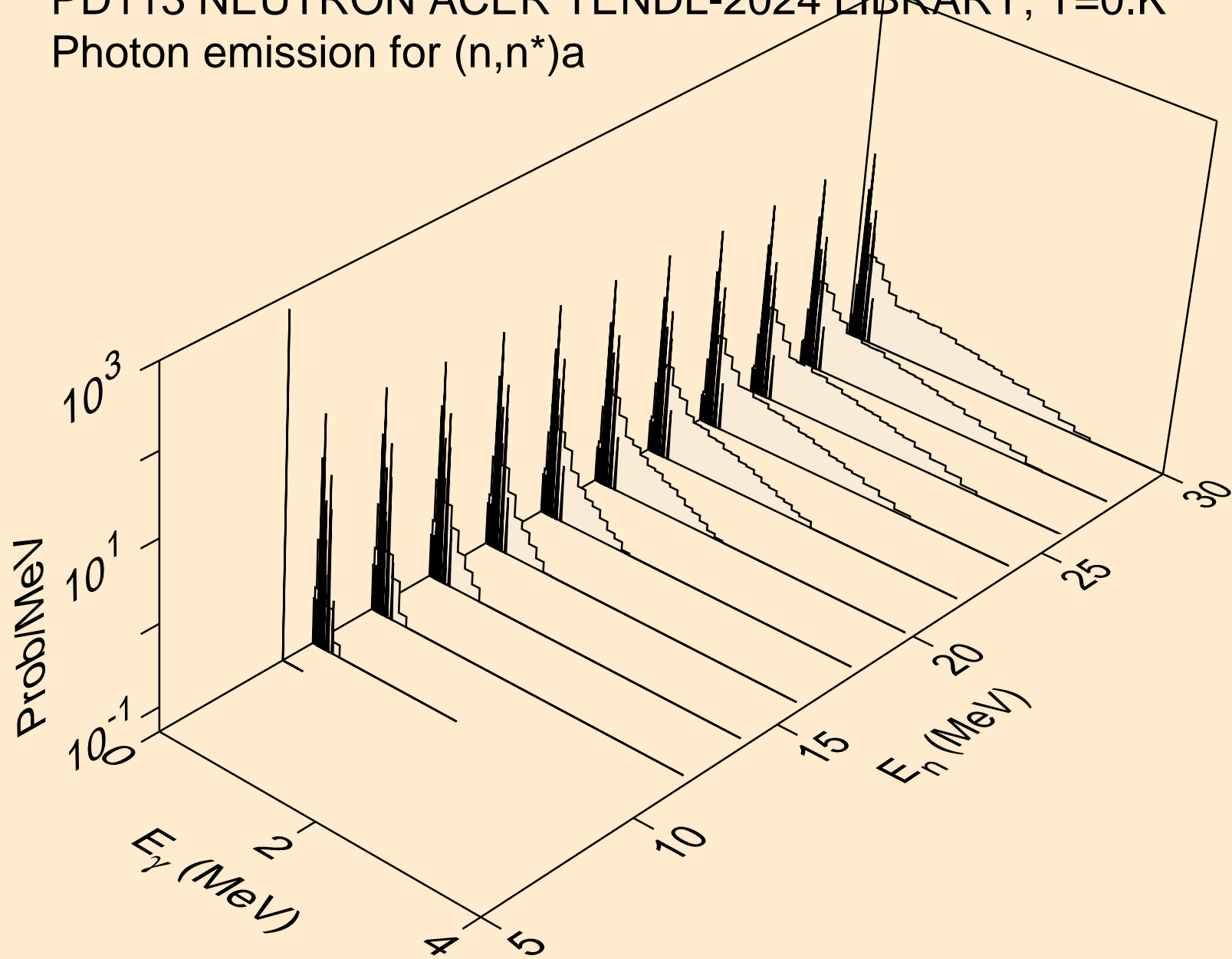
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



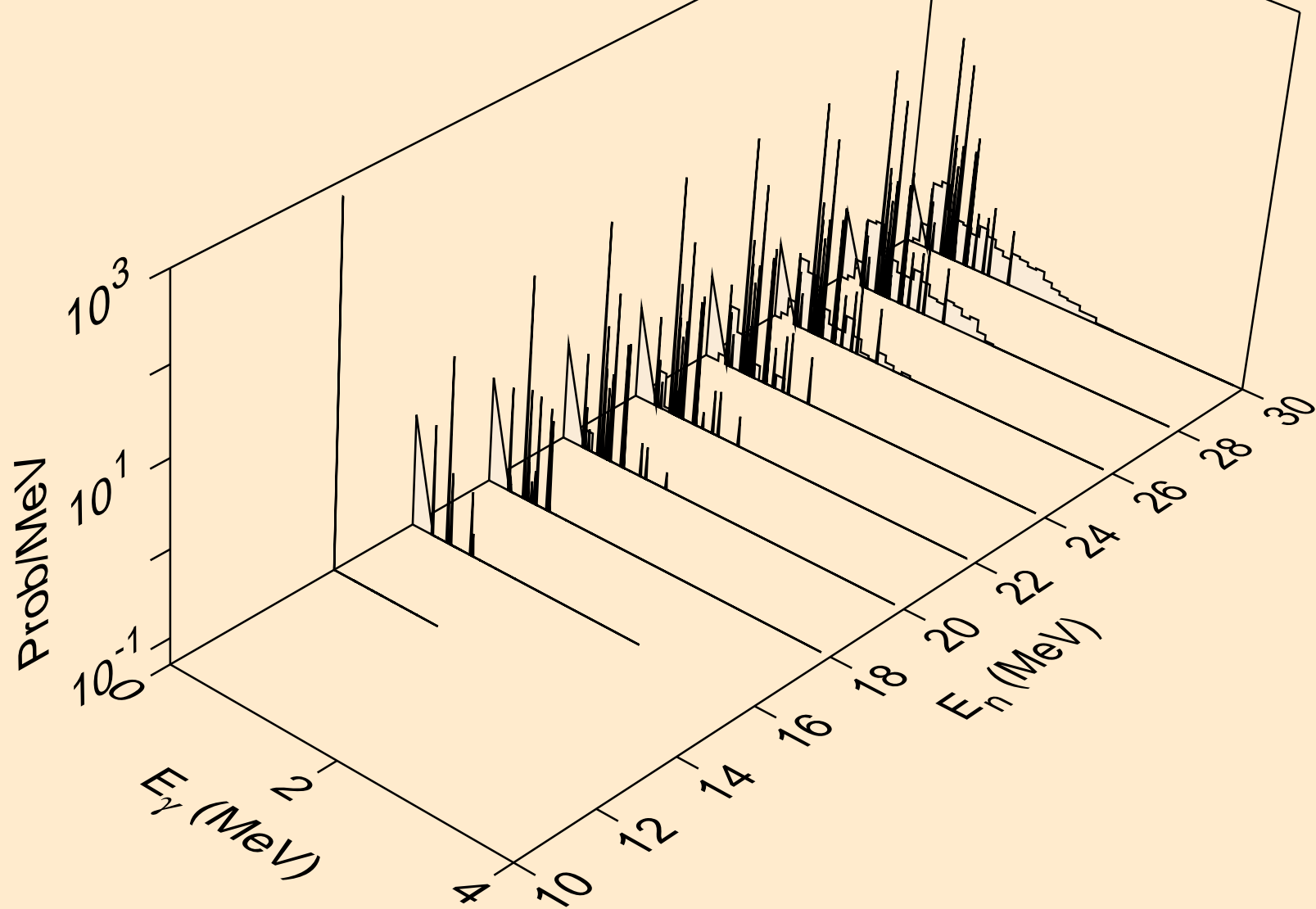
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



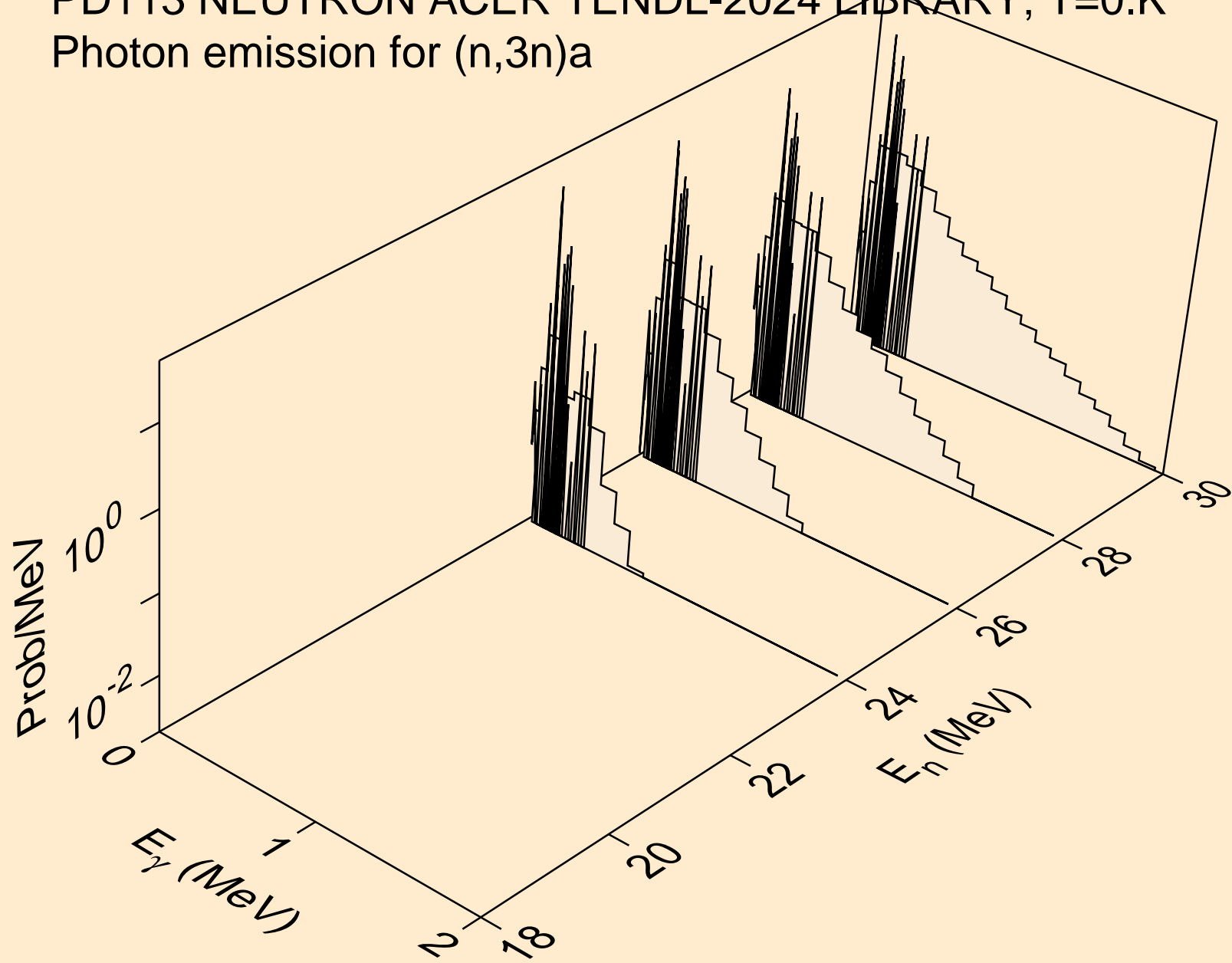
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



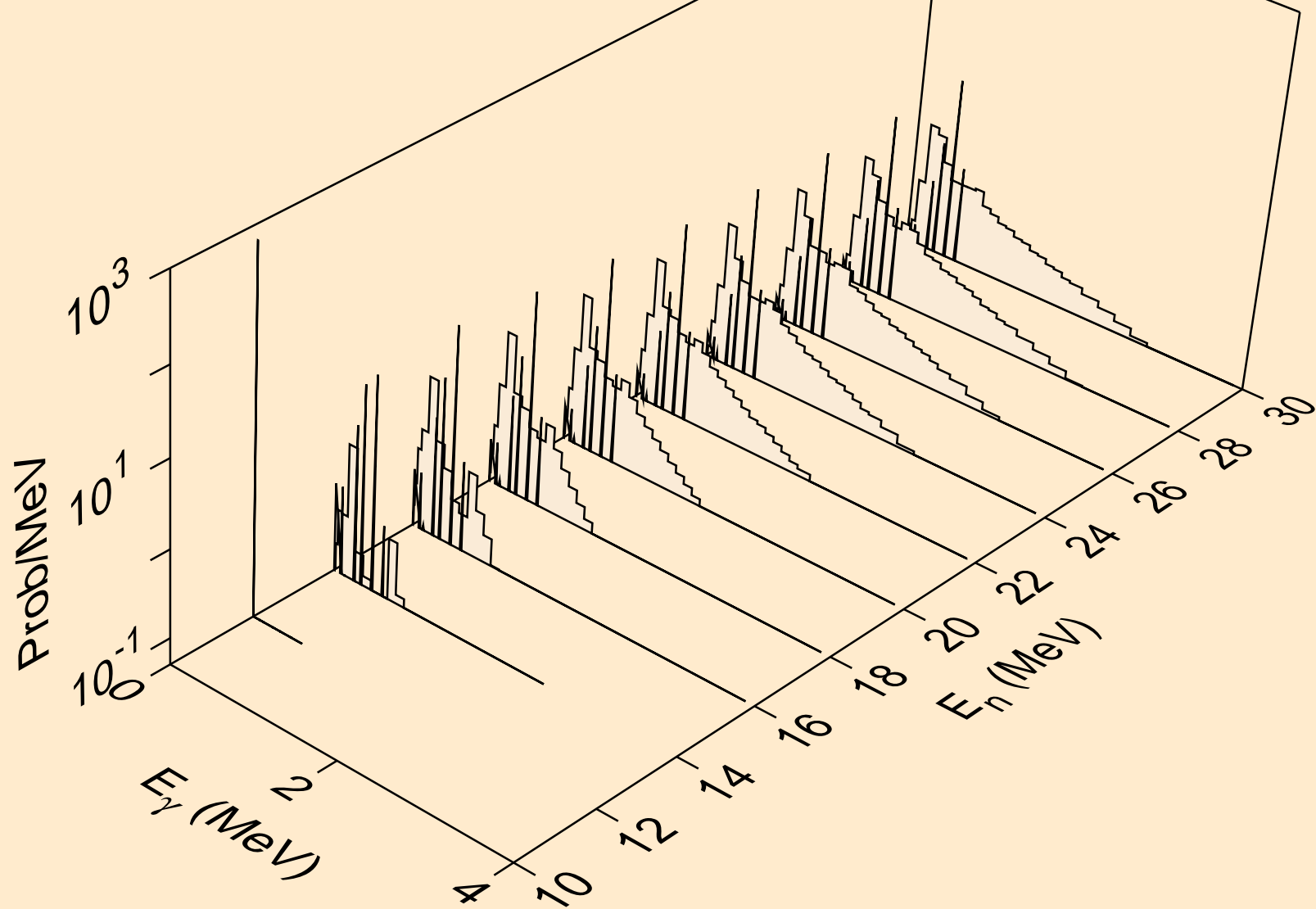
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

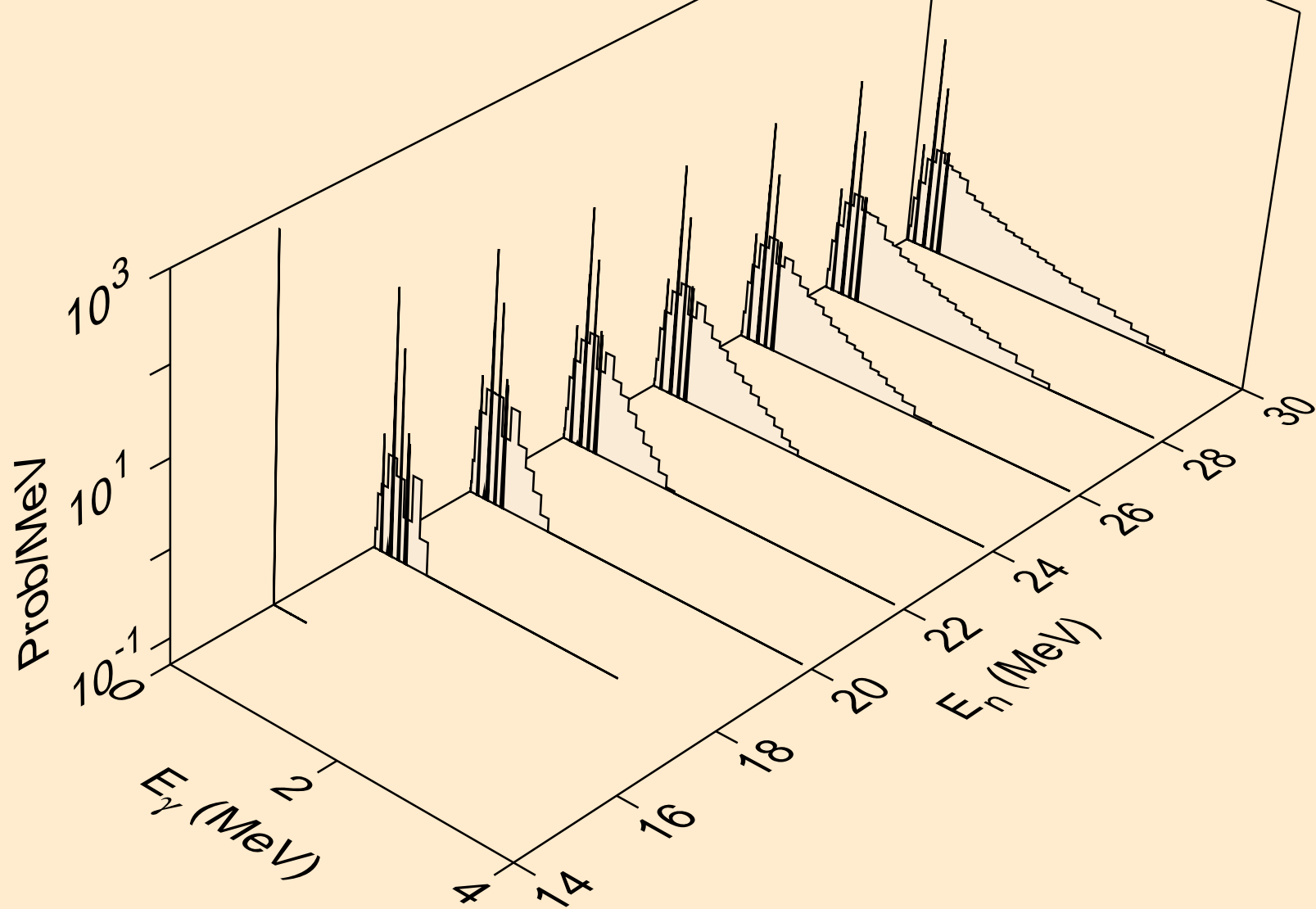


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

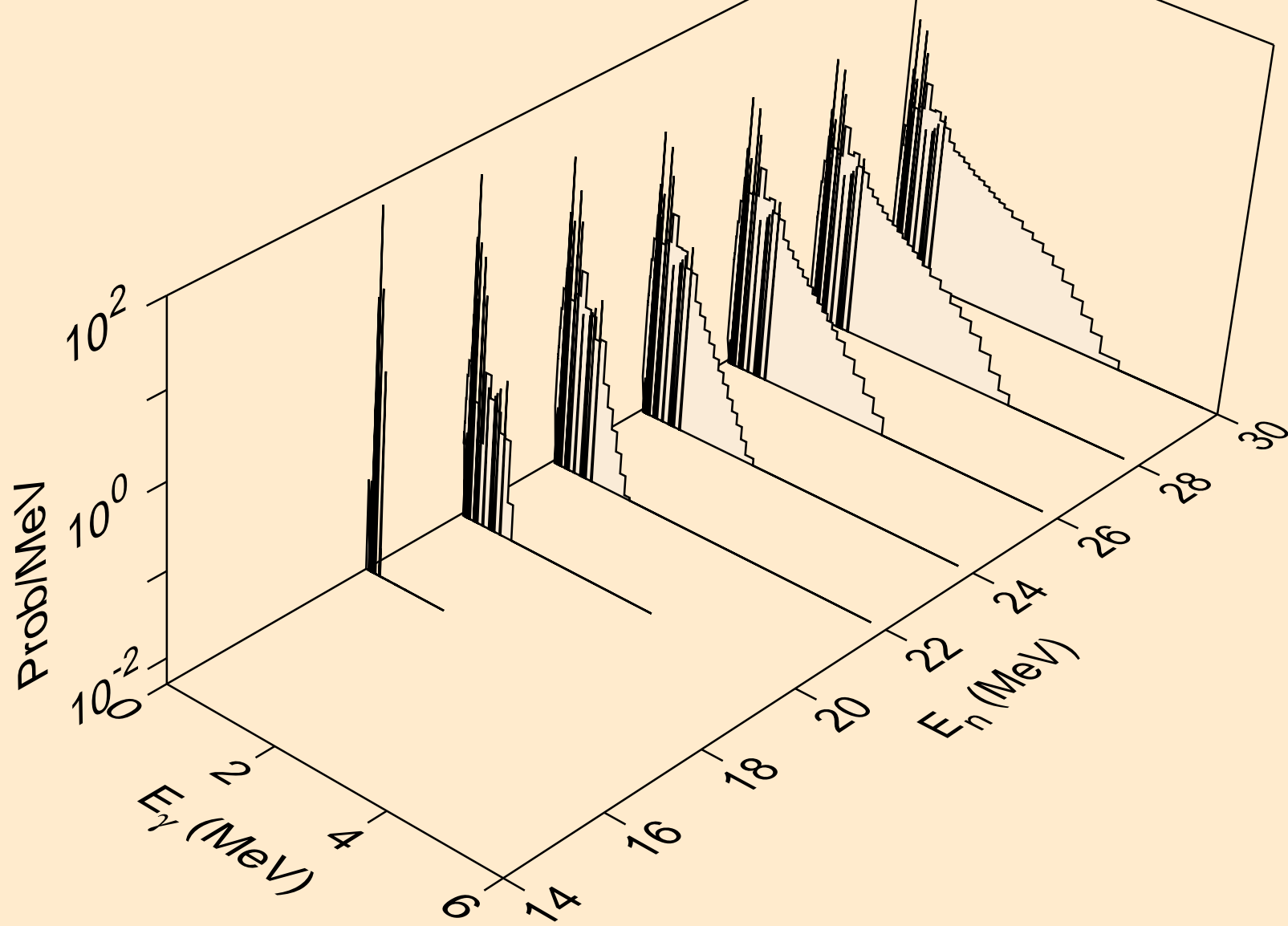




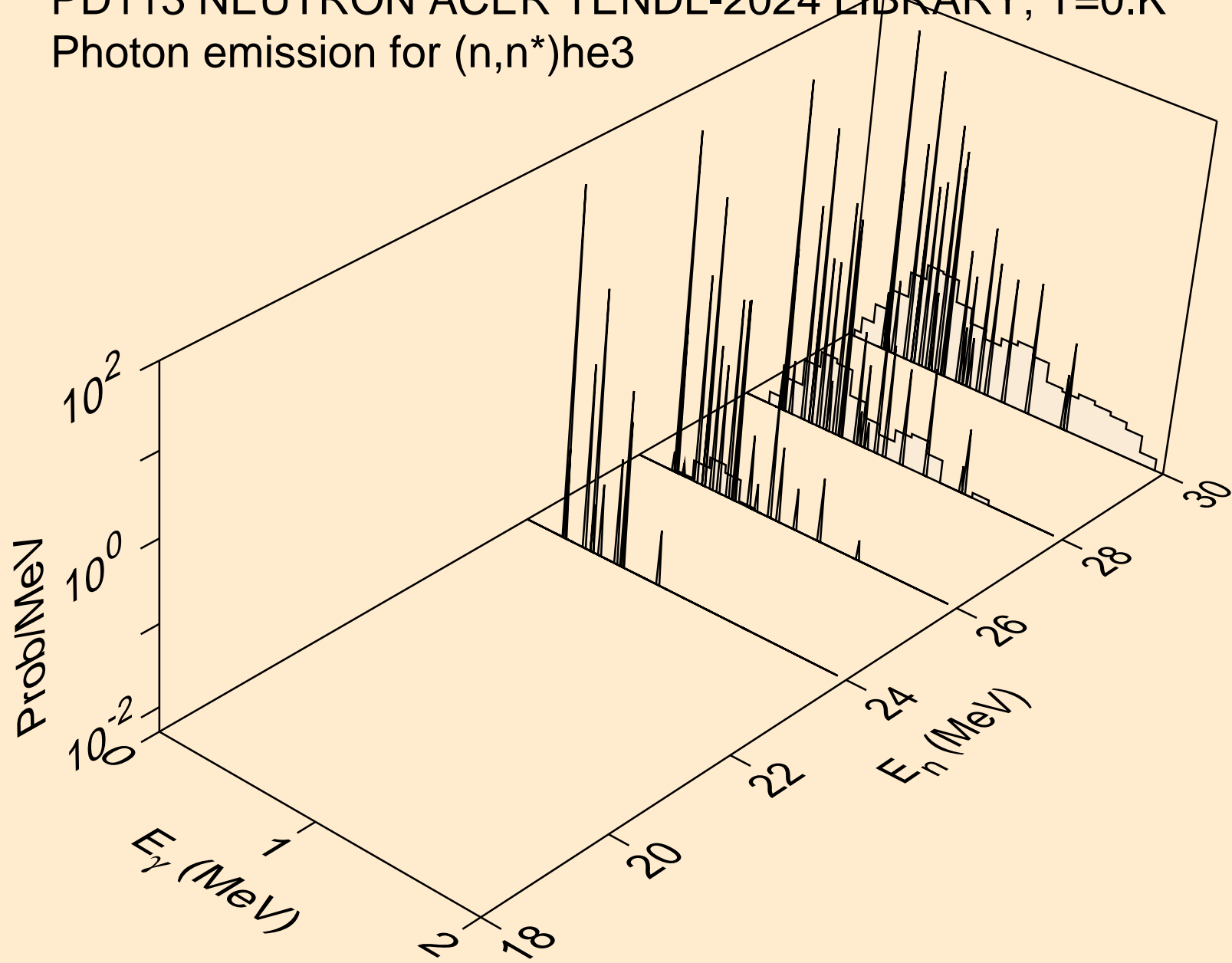
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



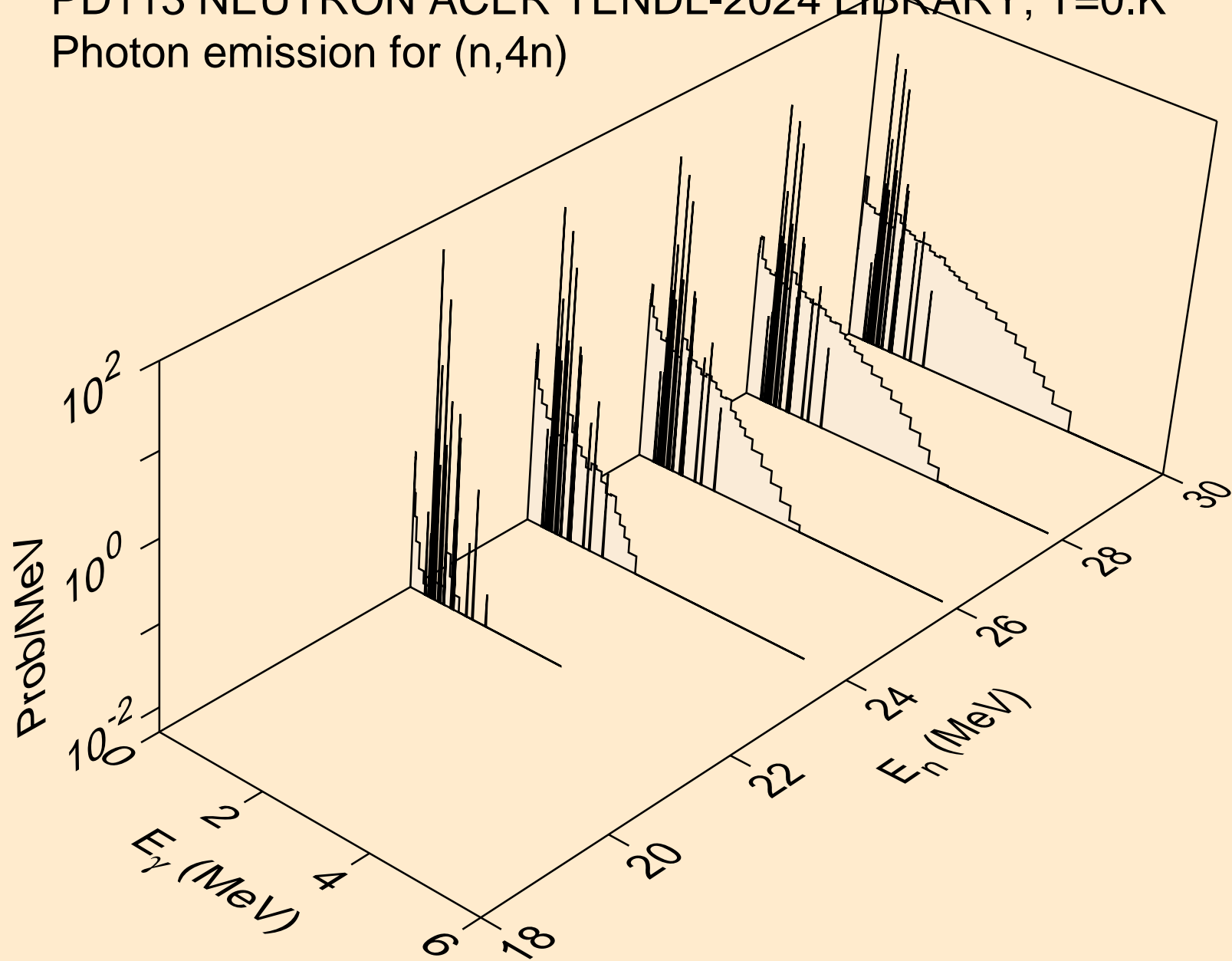
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



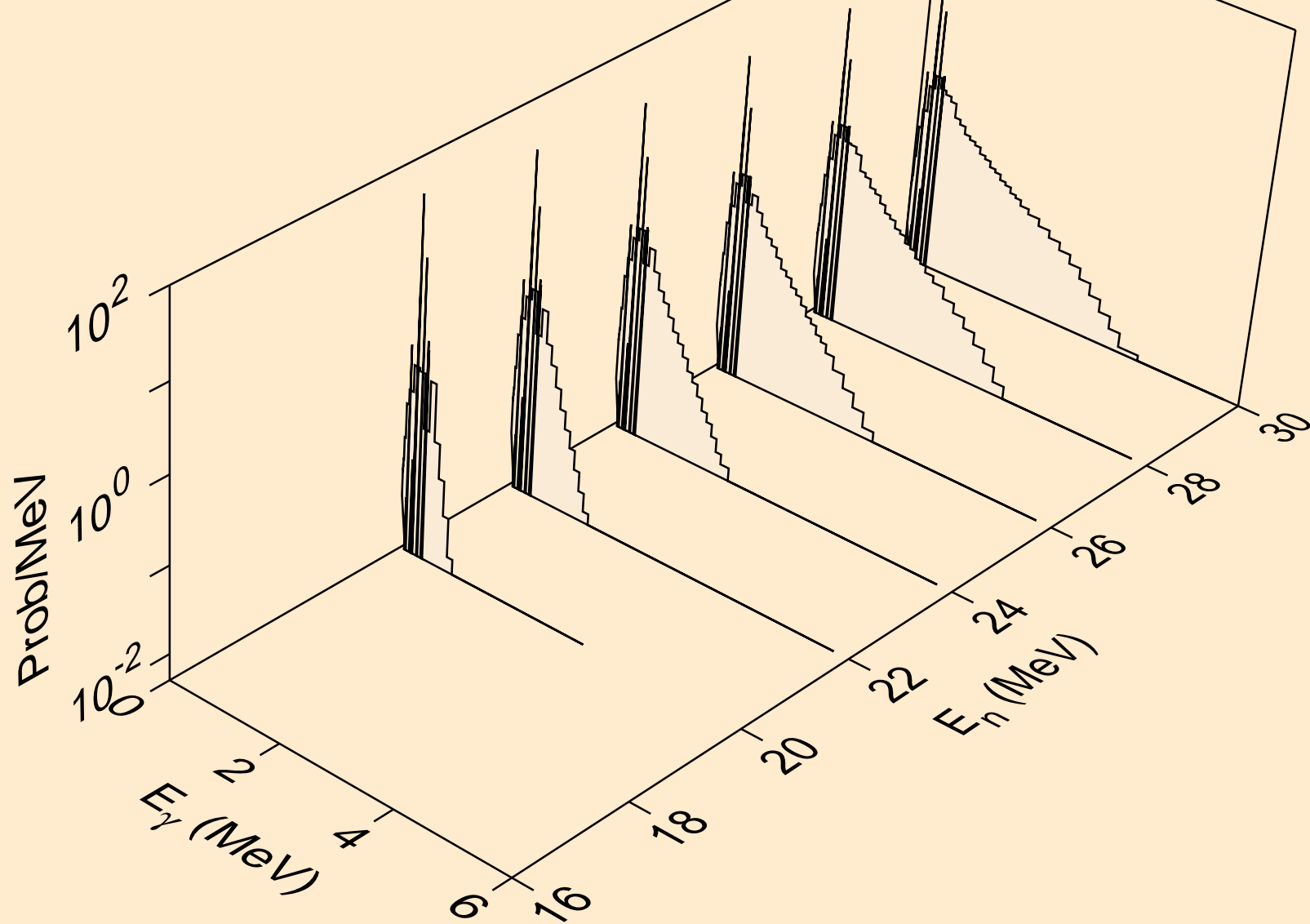
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



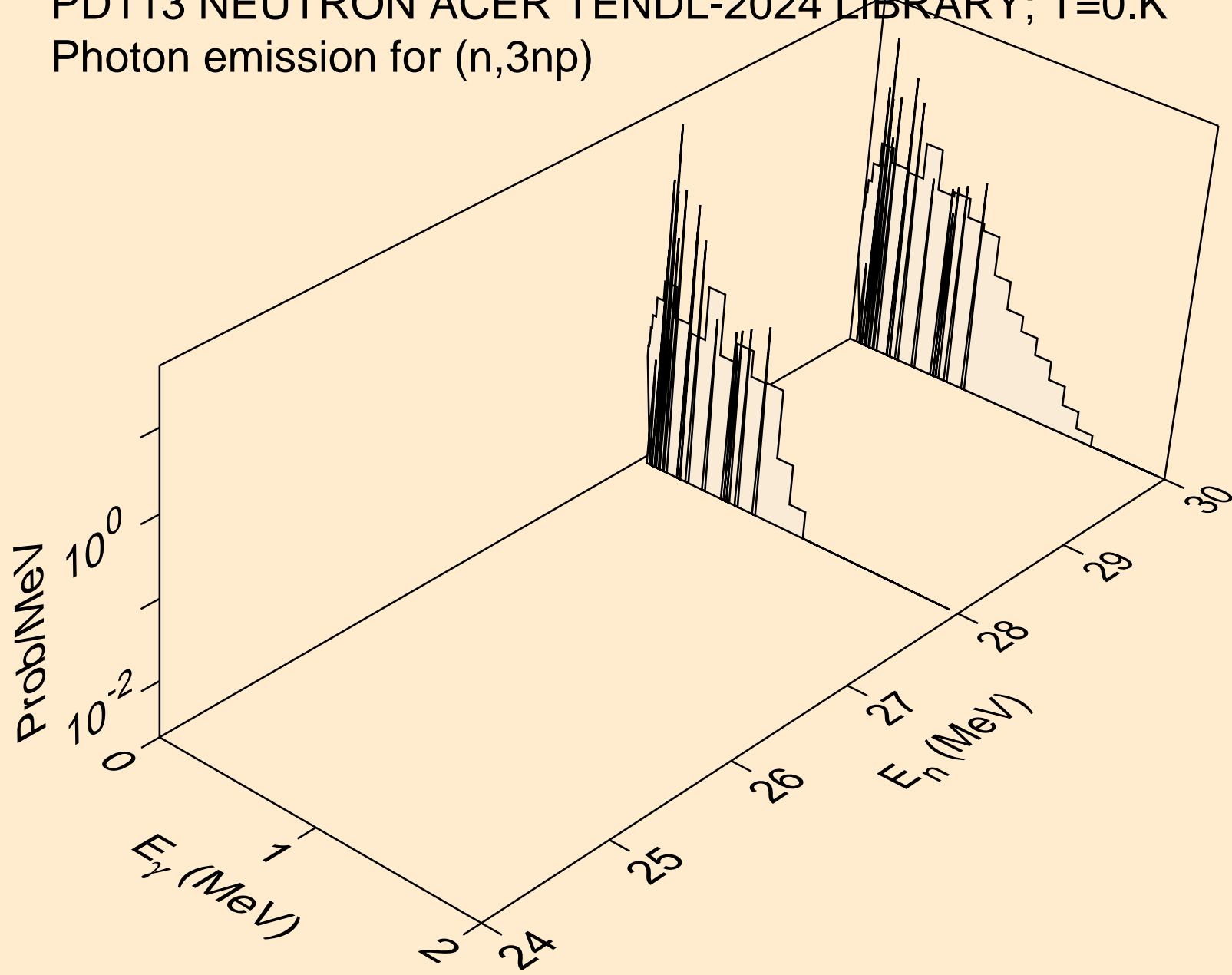
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



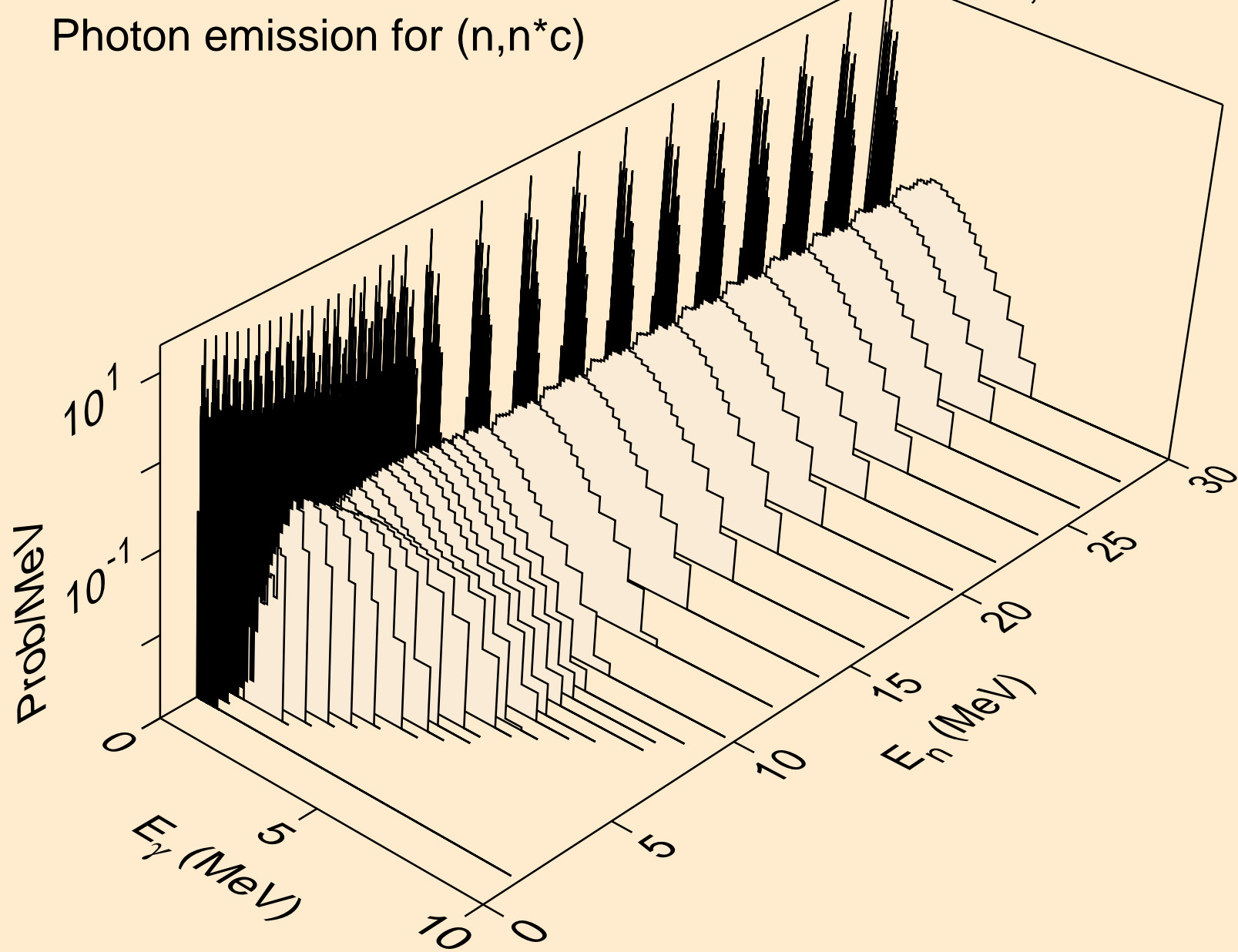
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



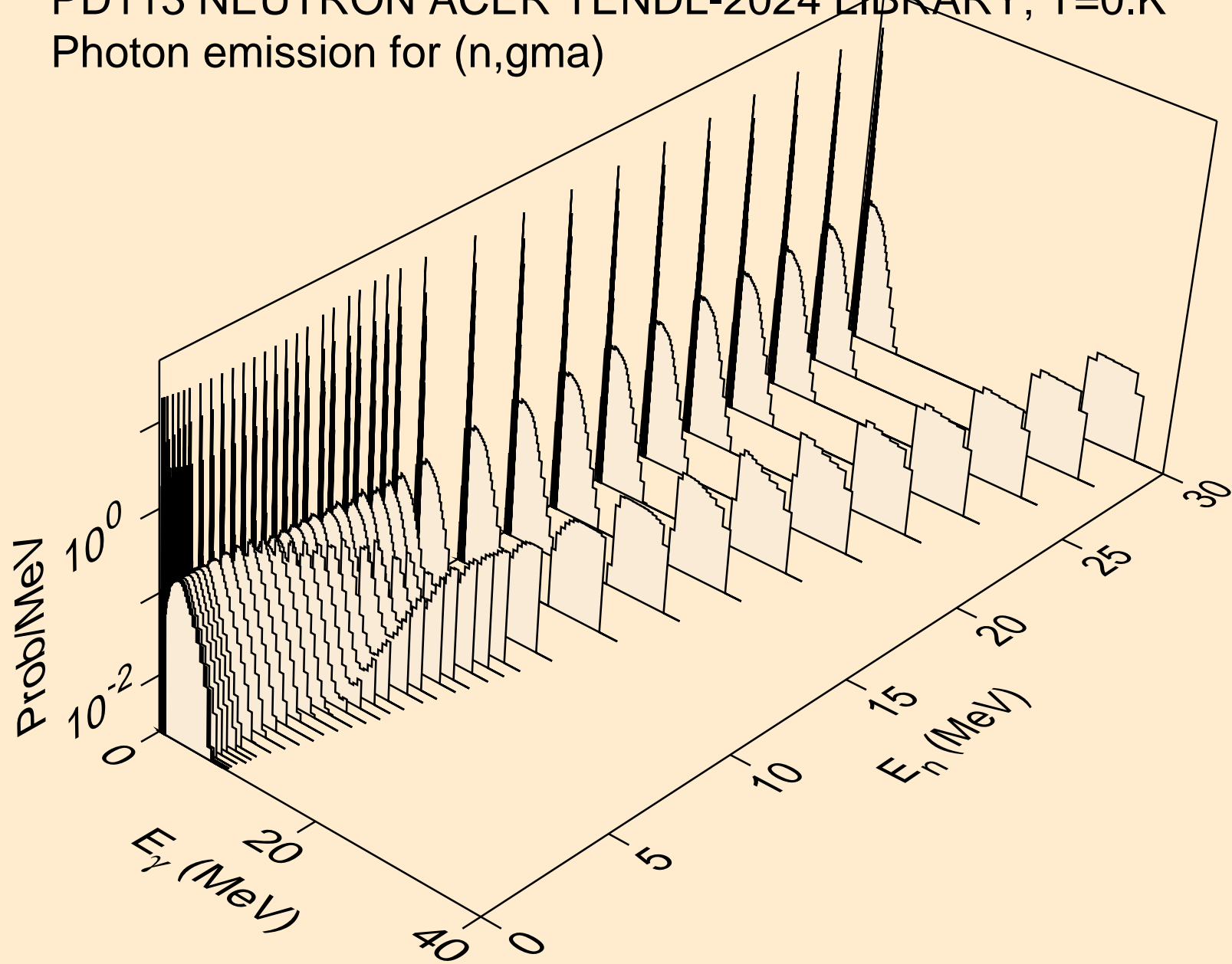
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

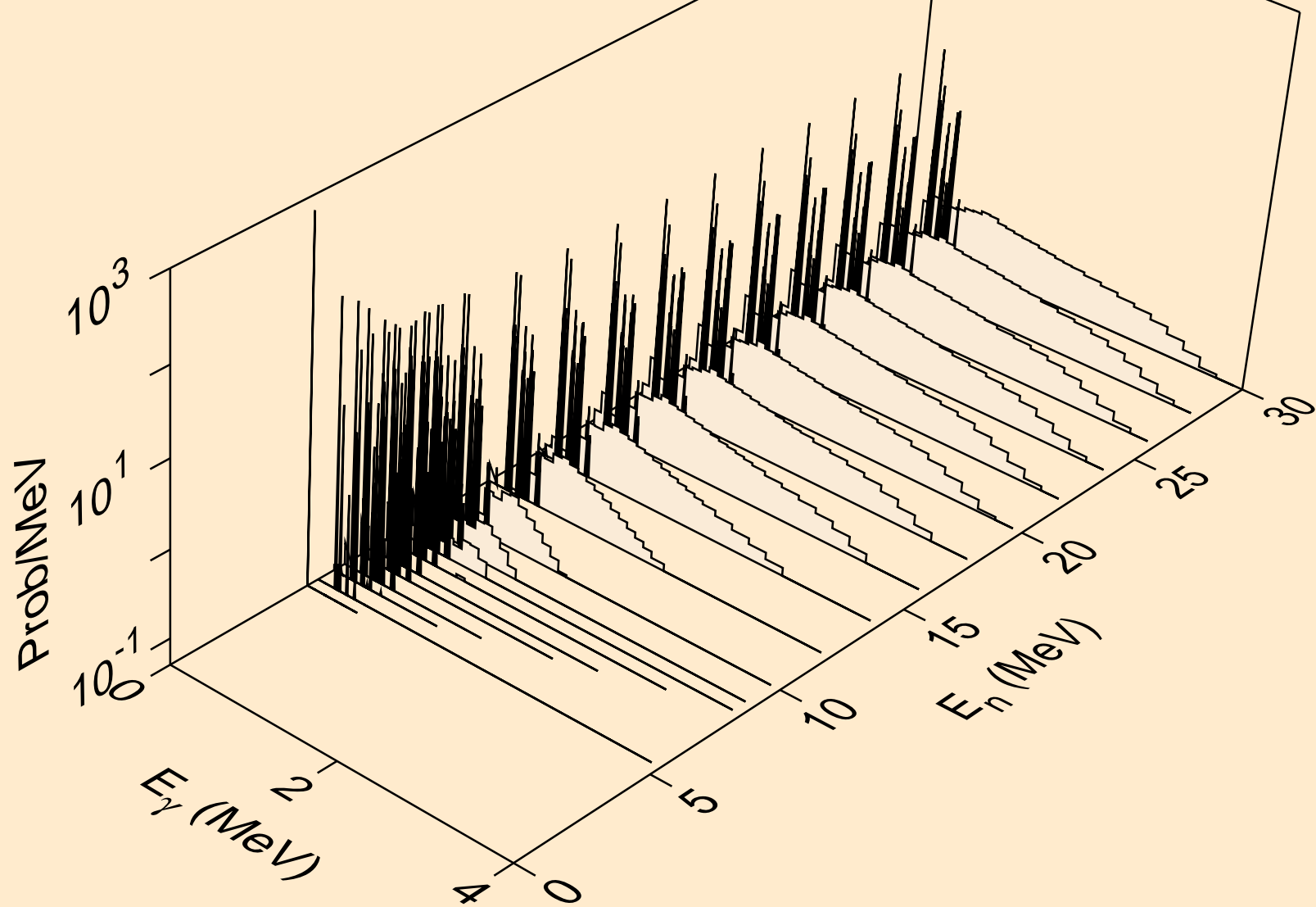


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

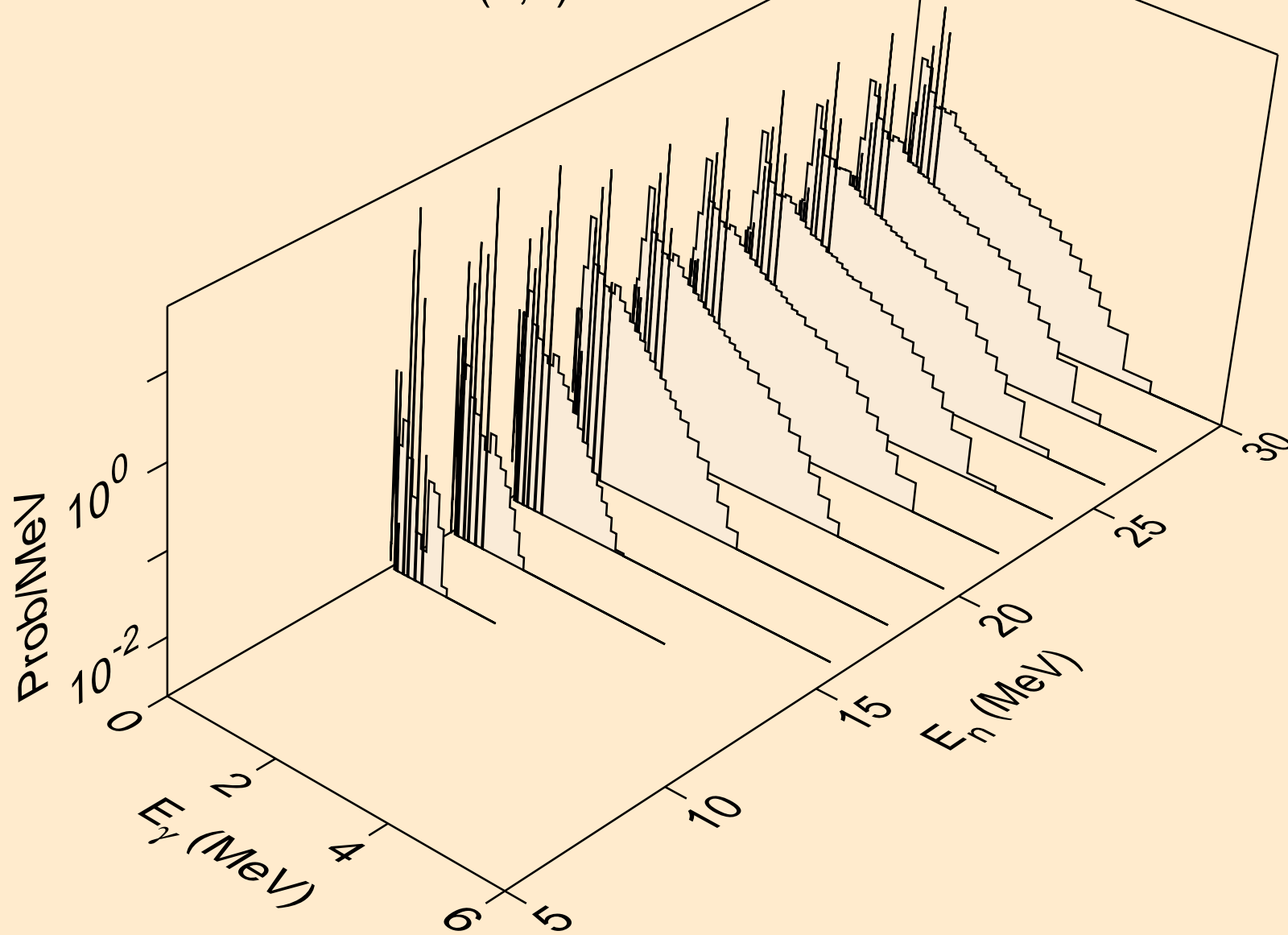




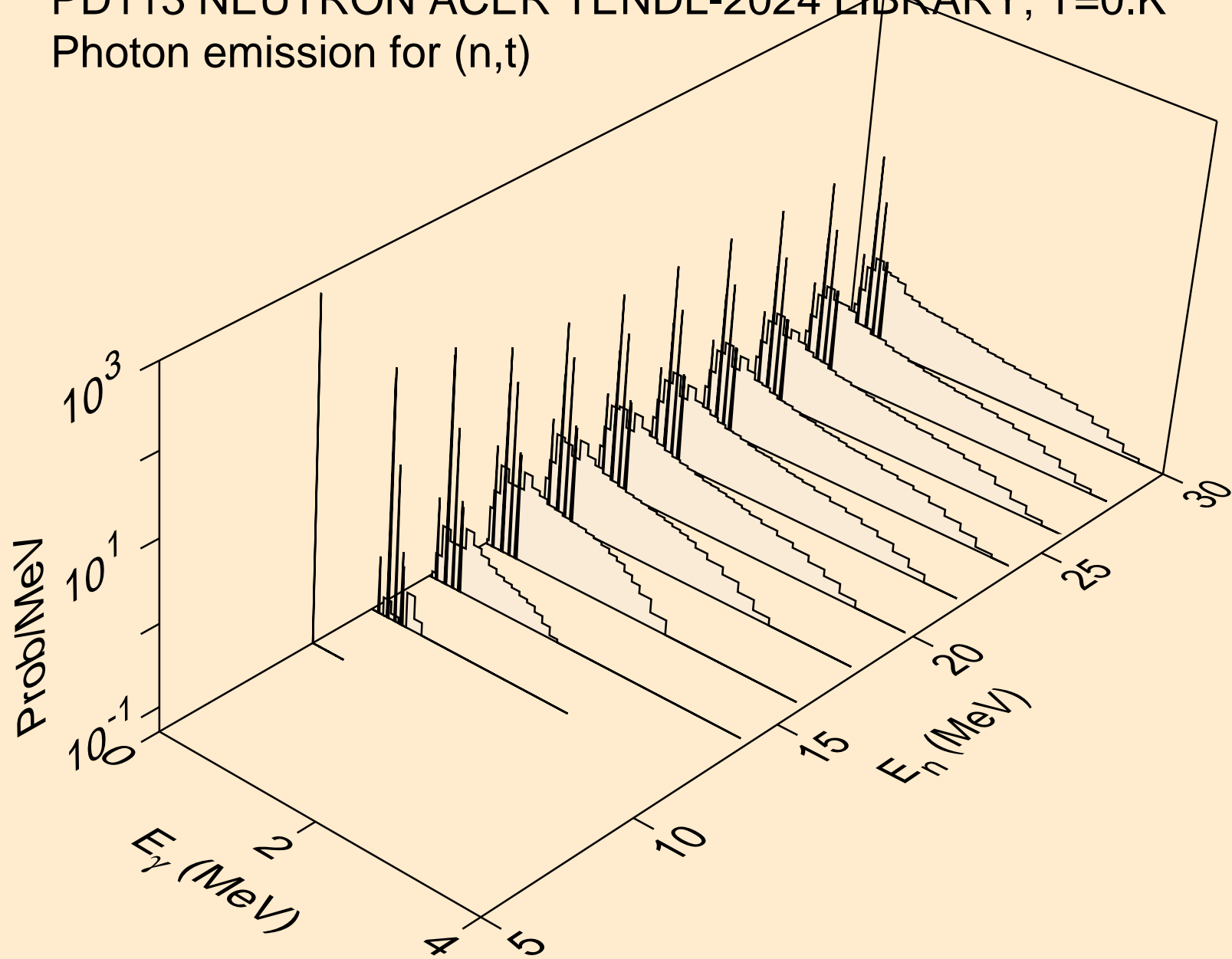
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



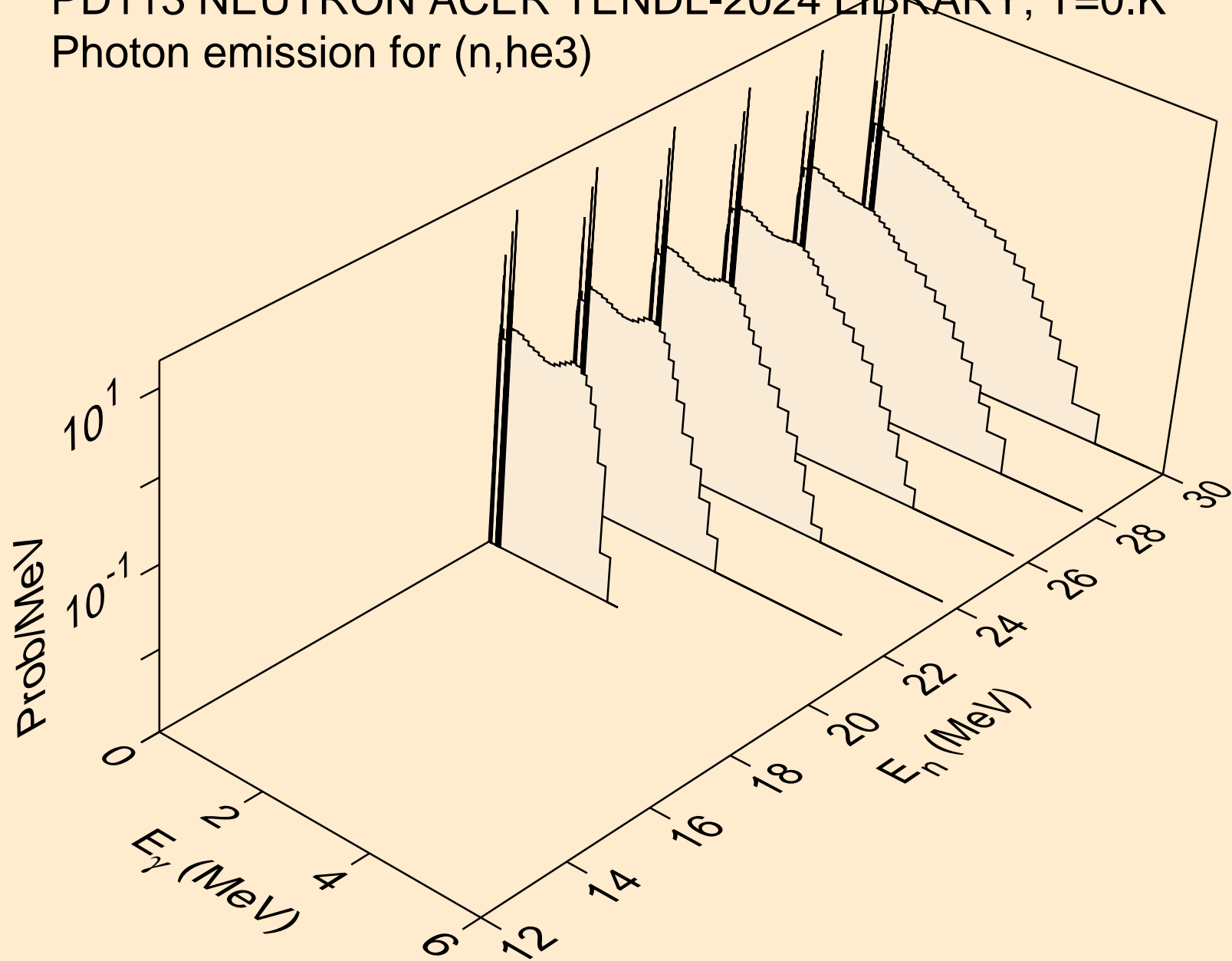
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



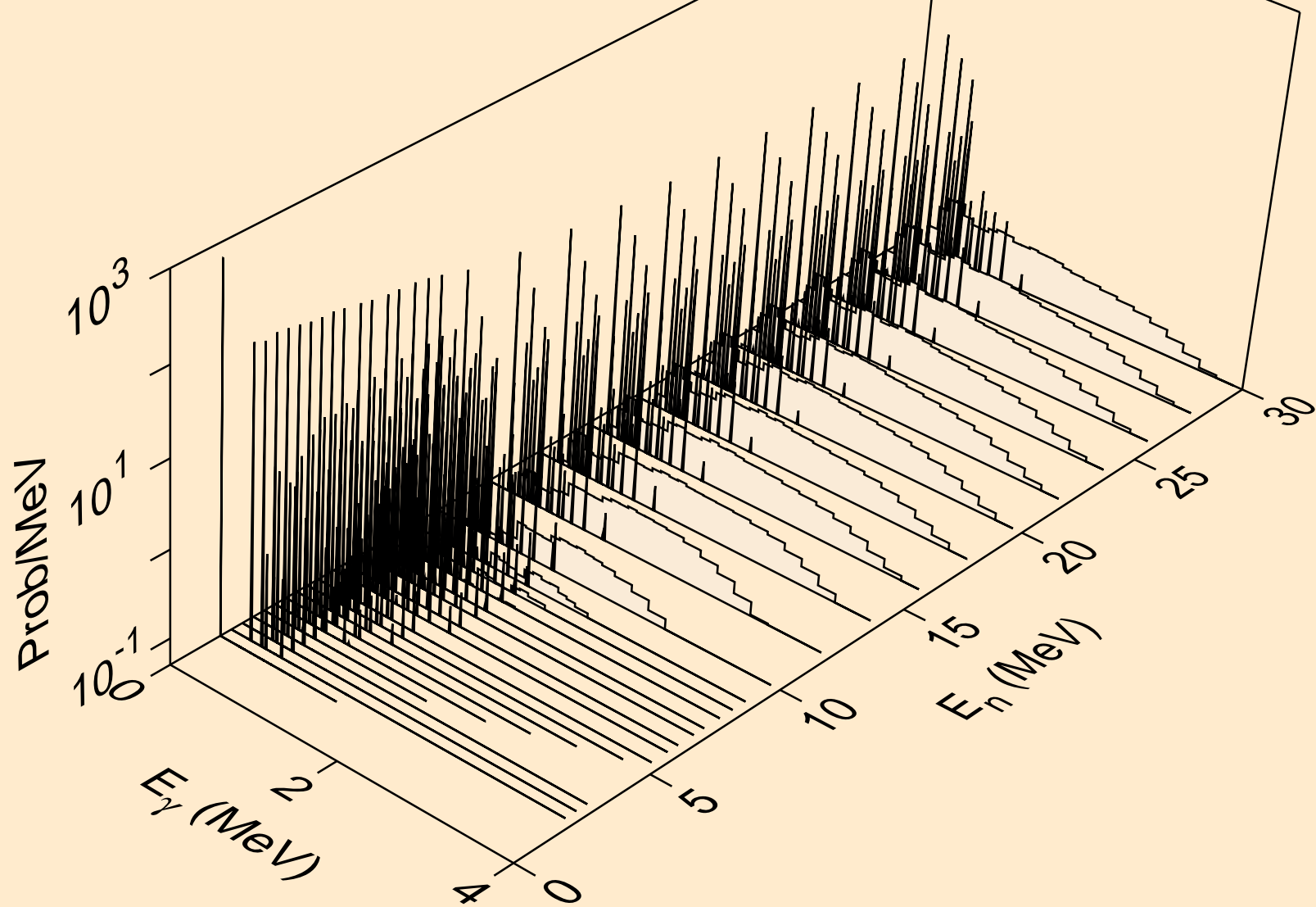
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



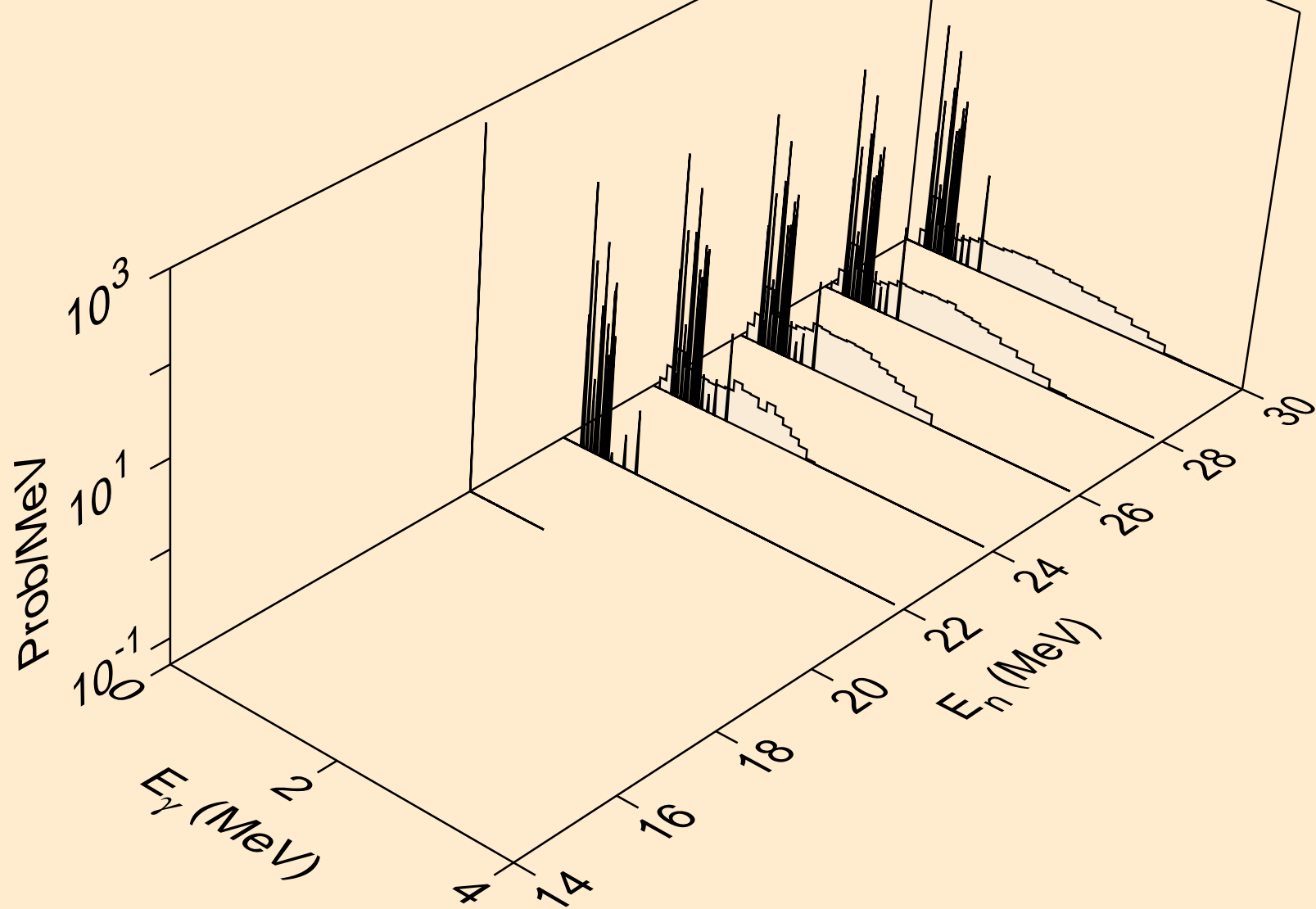
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



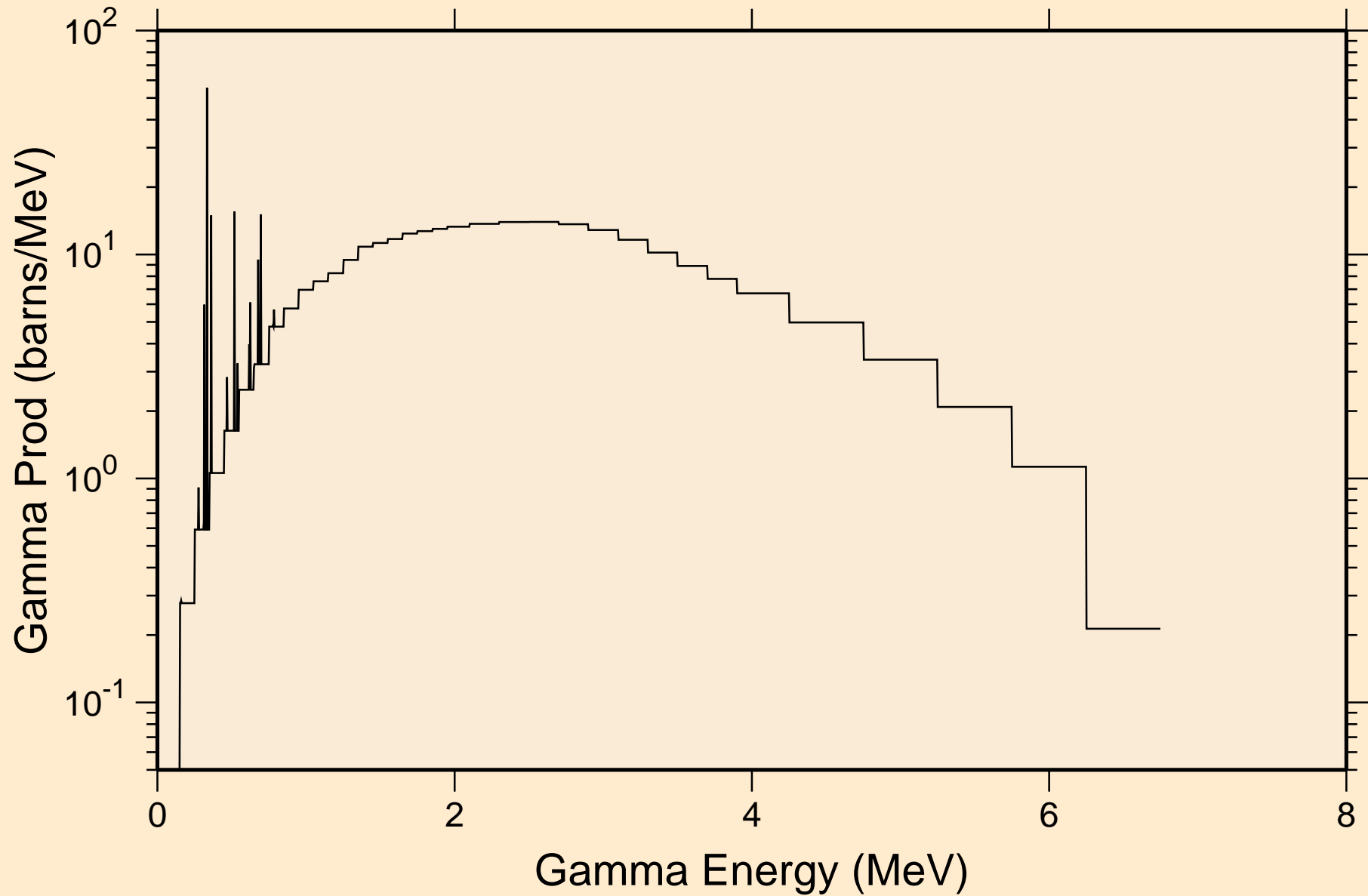
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



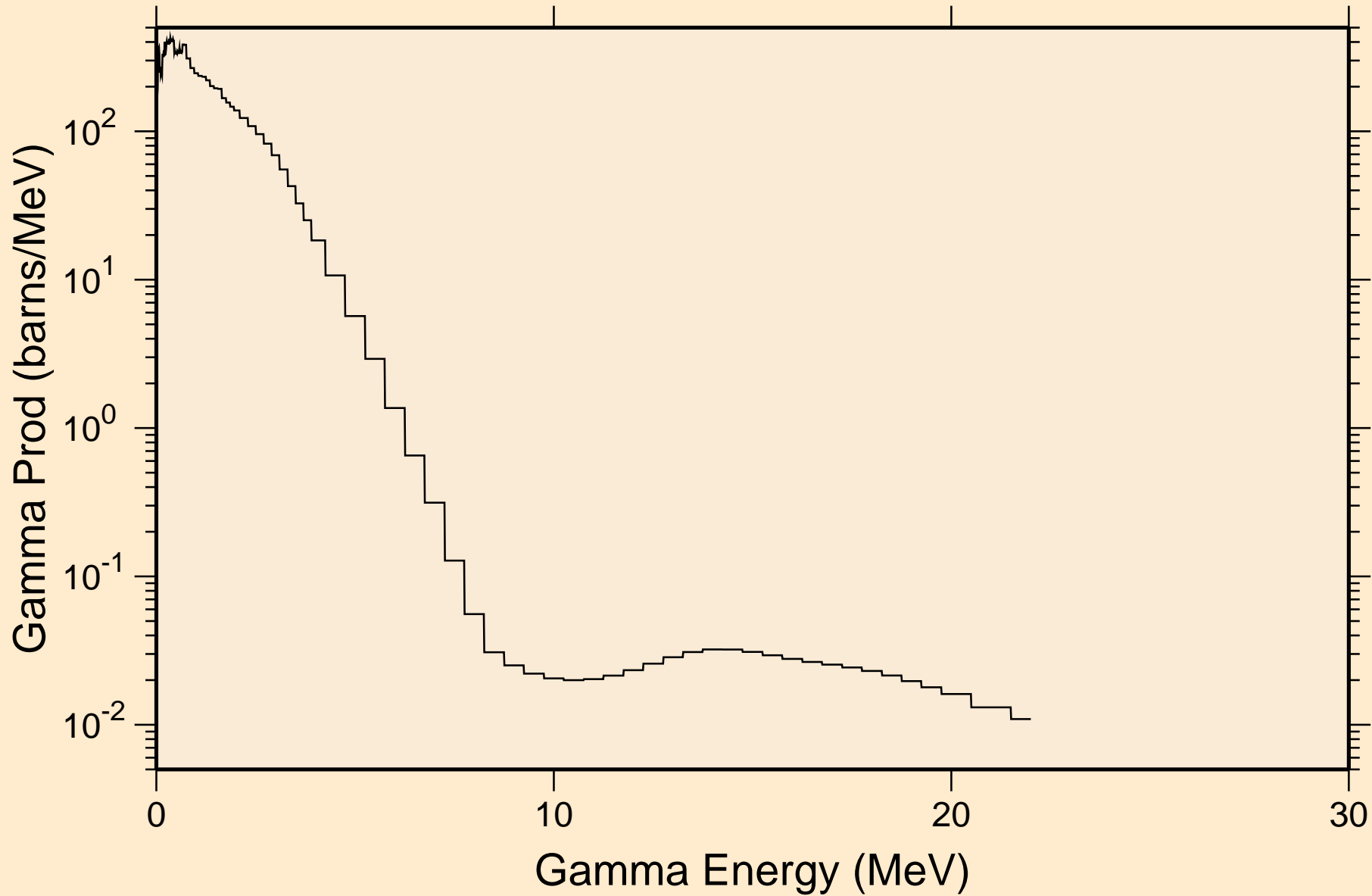
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



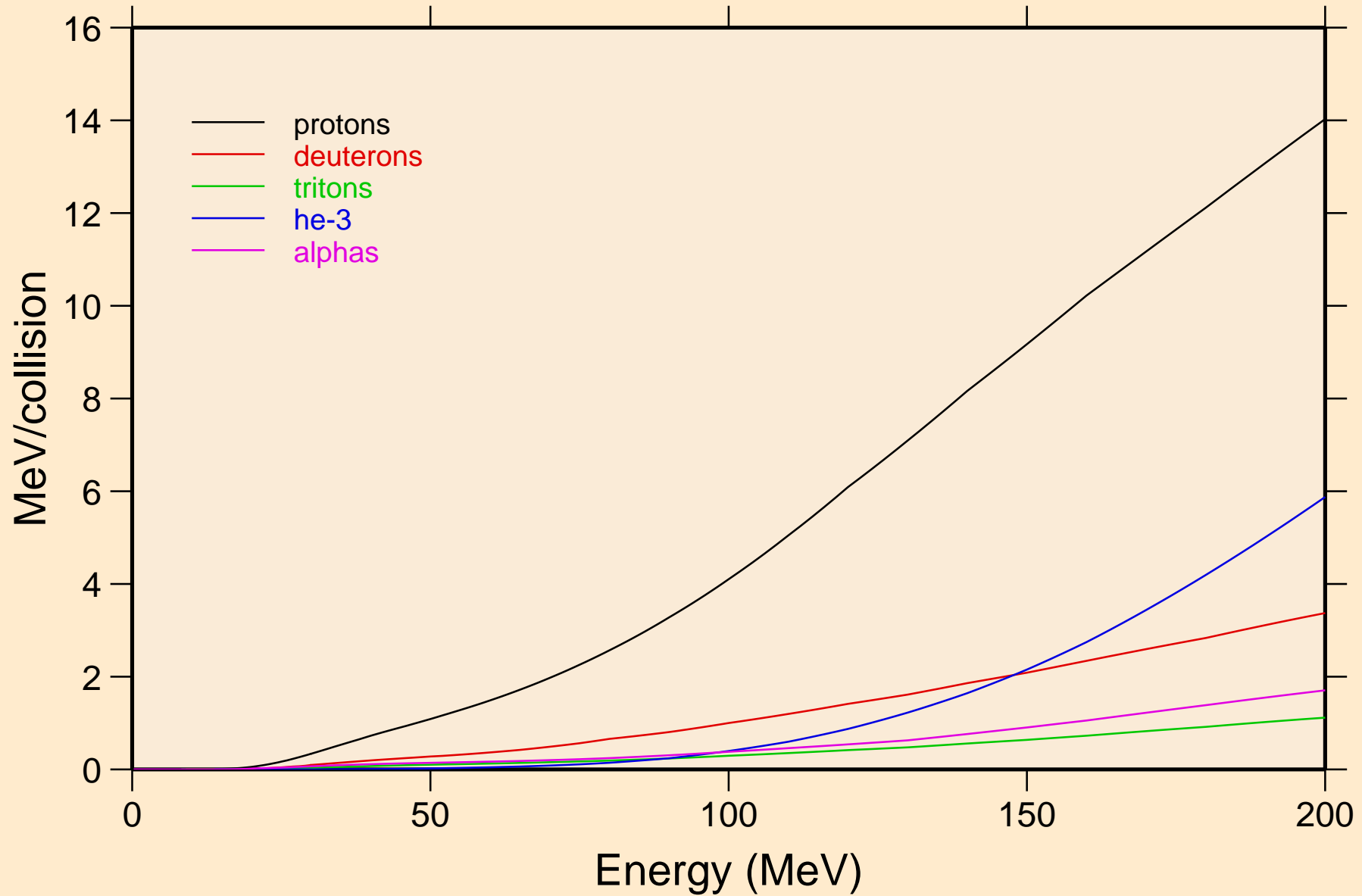
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



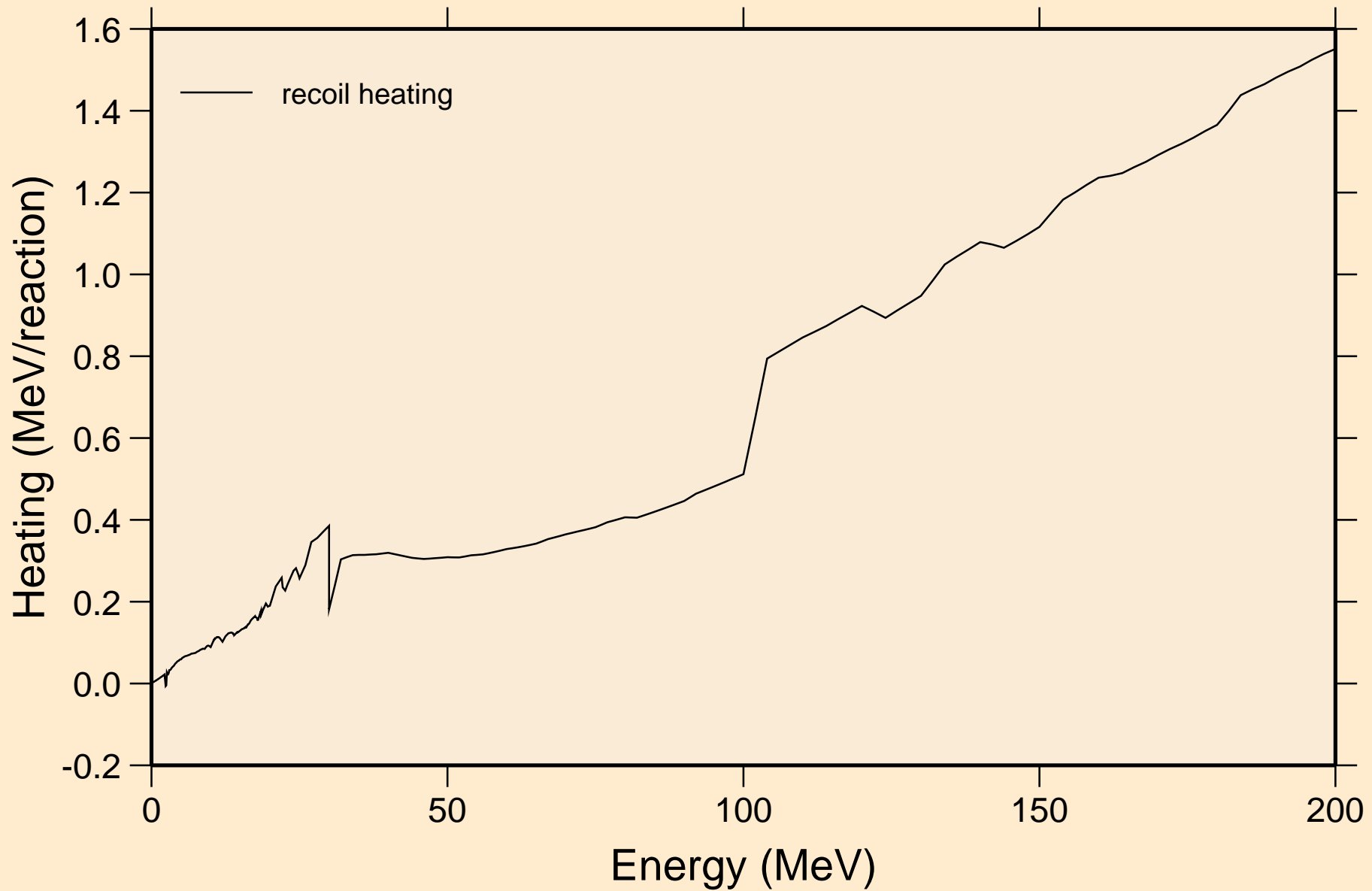


# PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

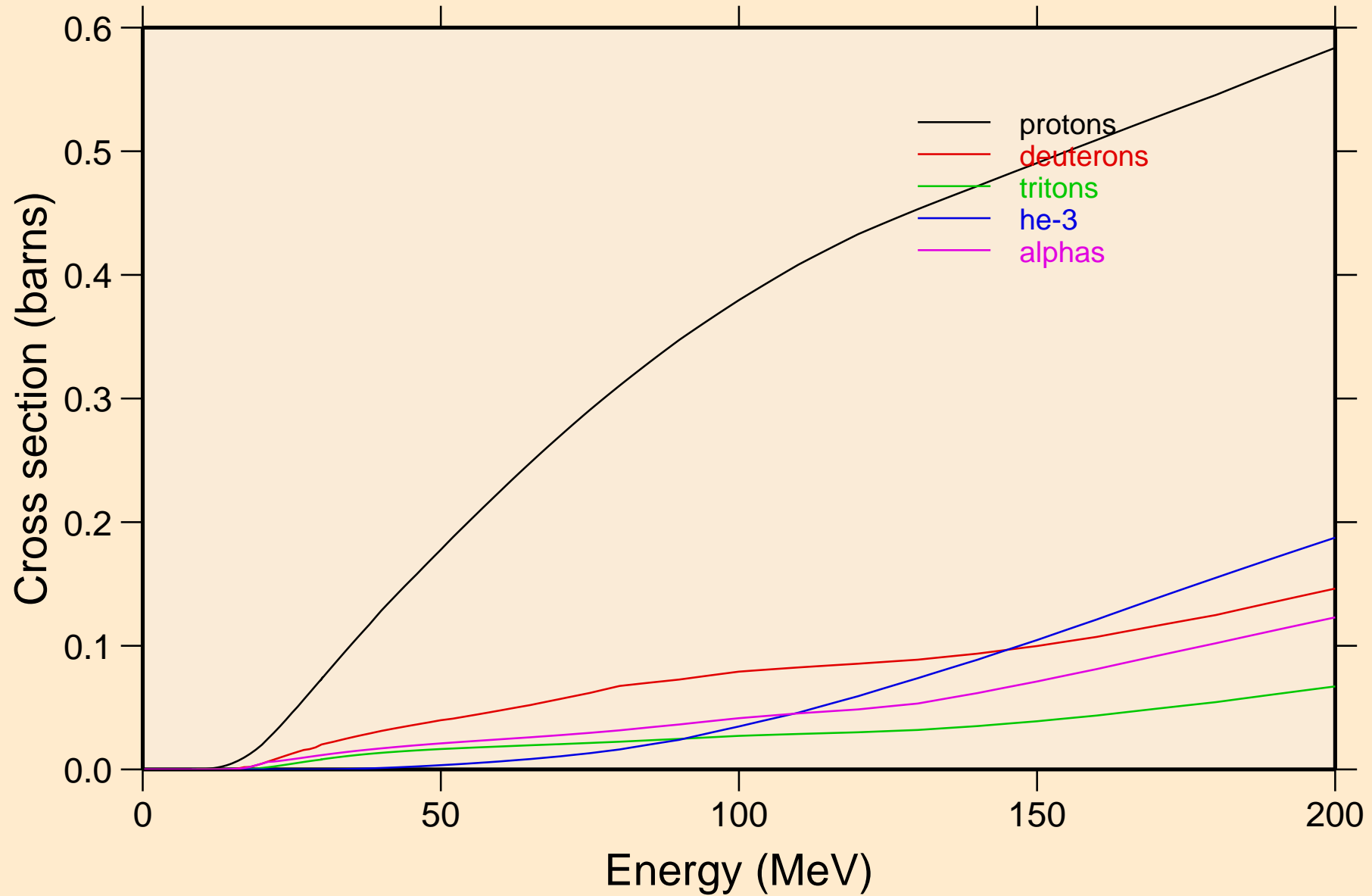


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

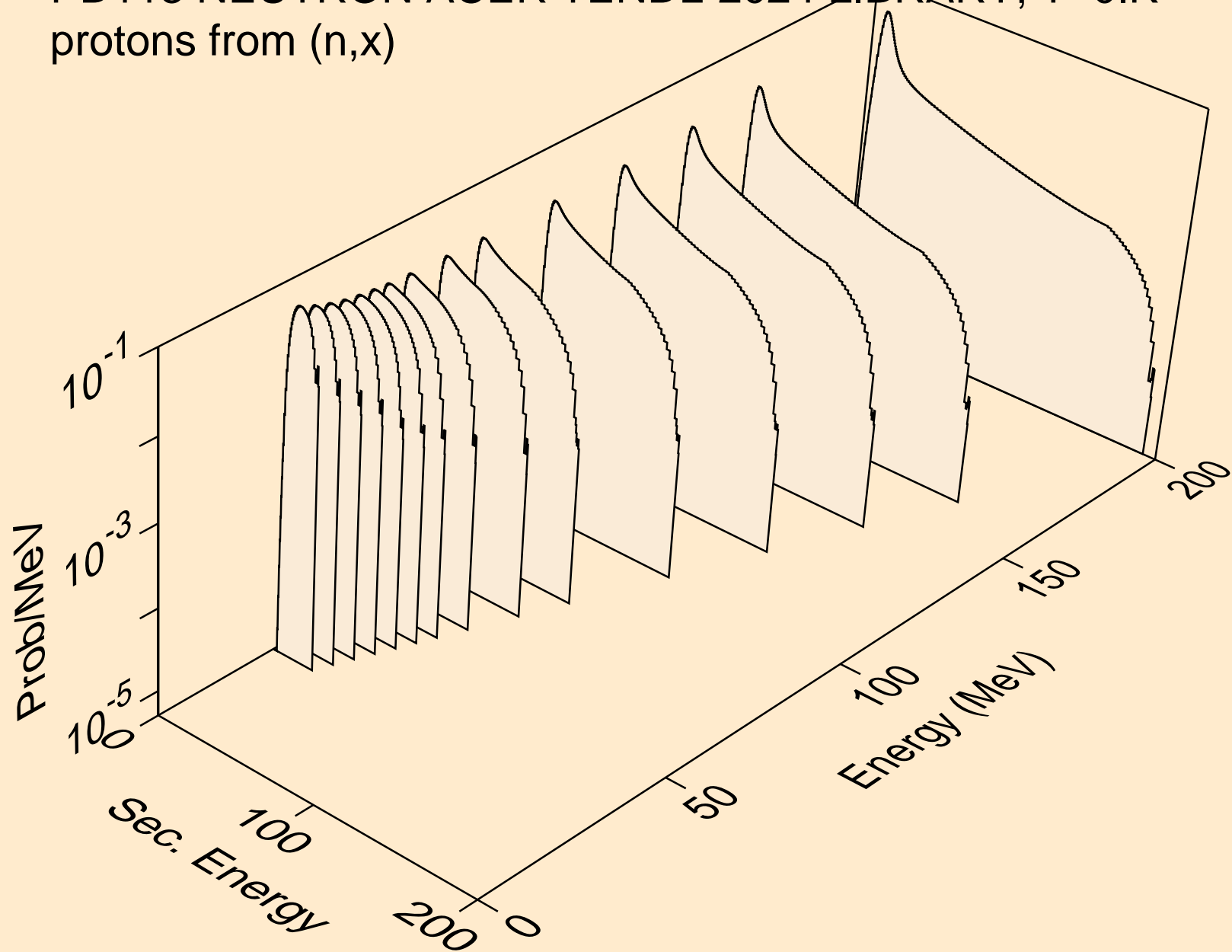


# PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

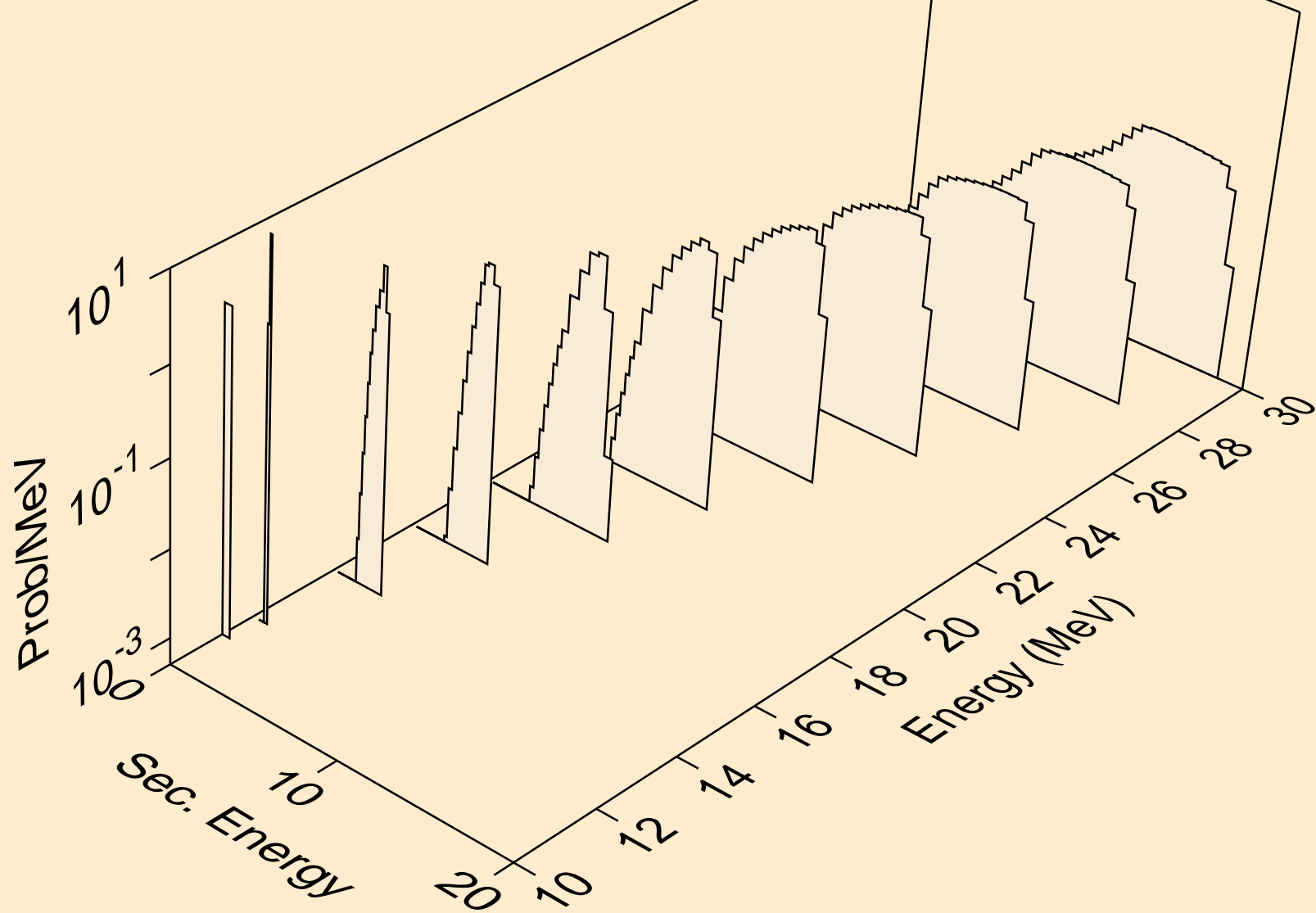
## Particle production cross sections



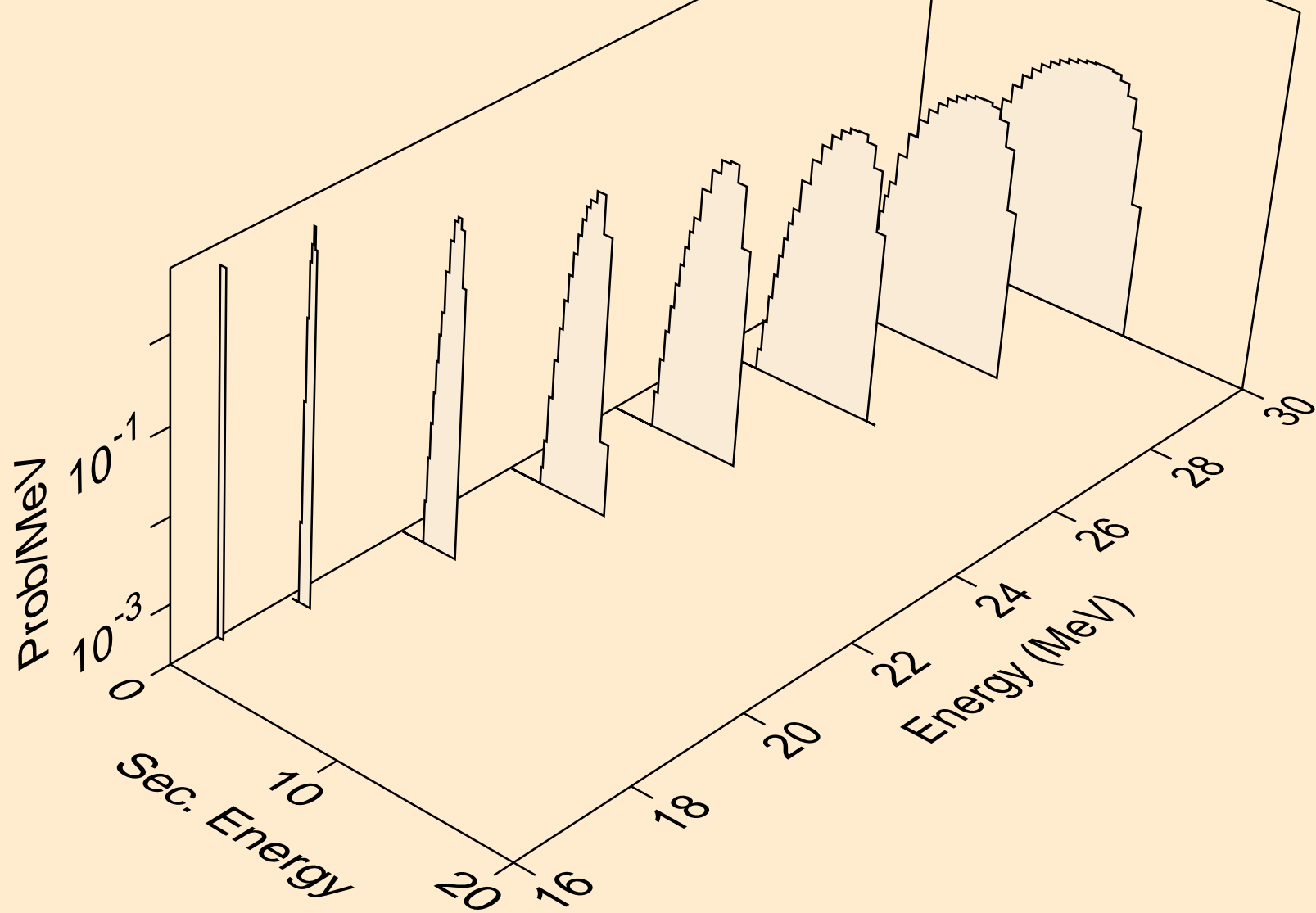
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



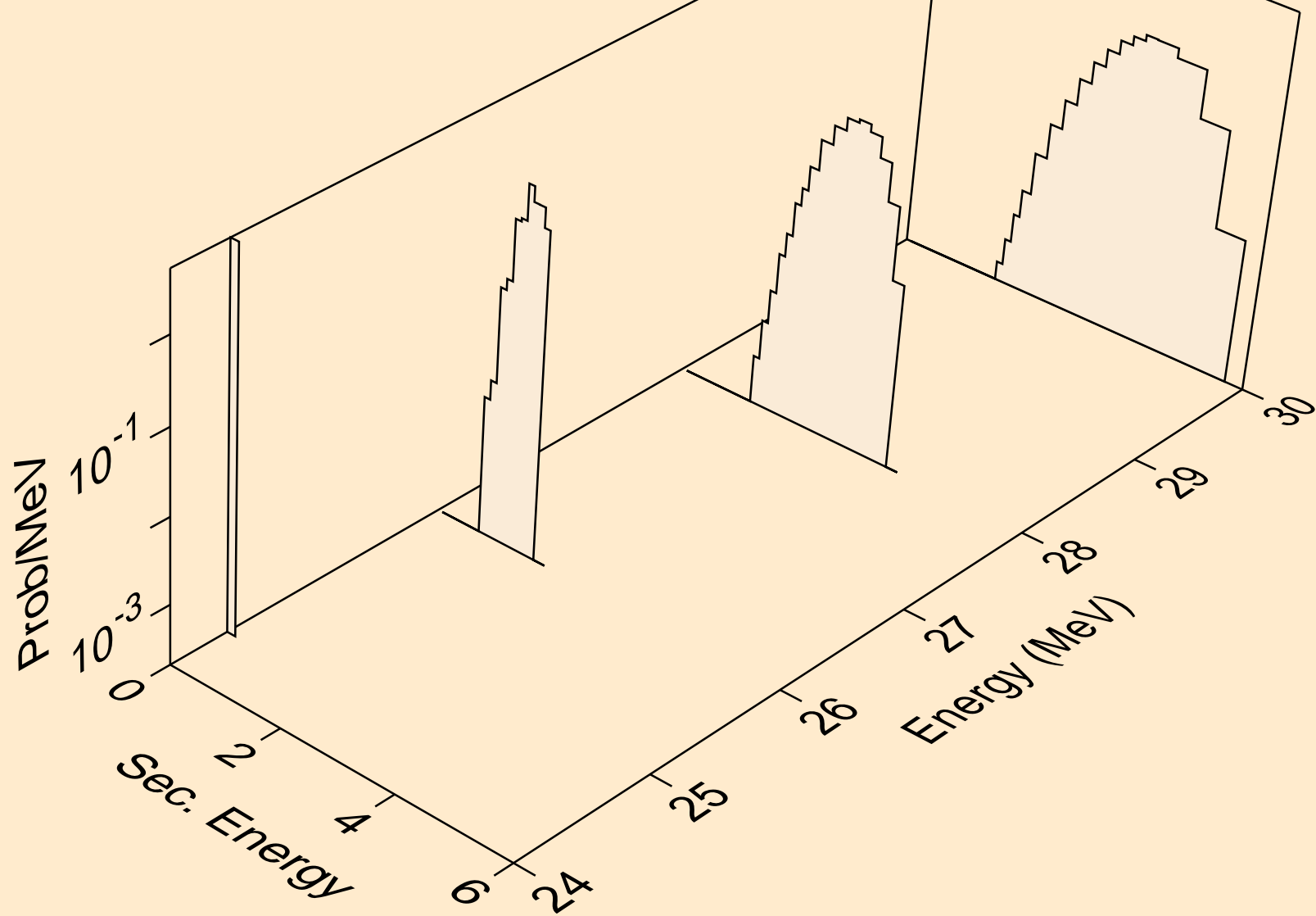
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



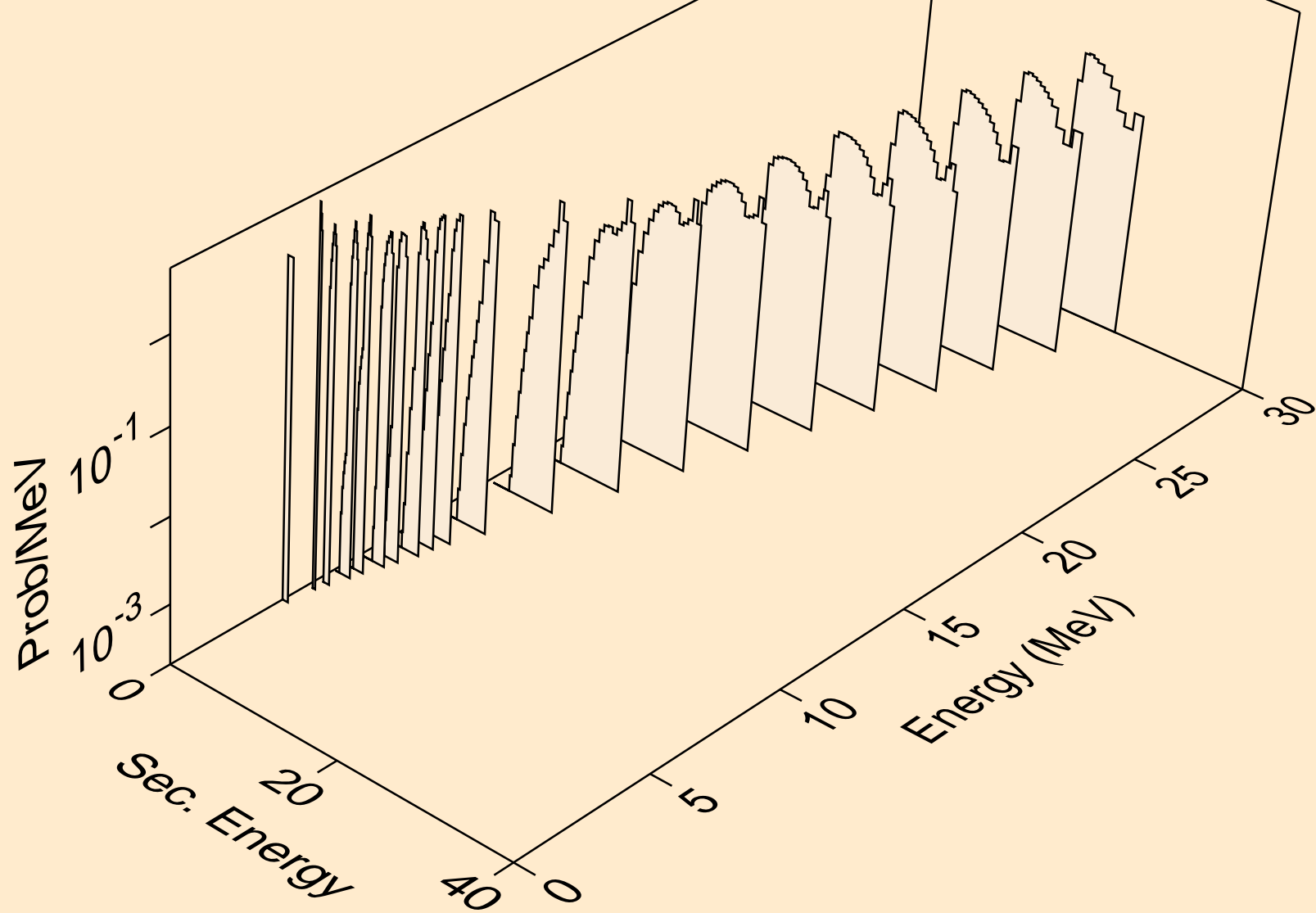
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

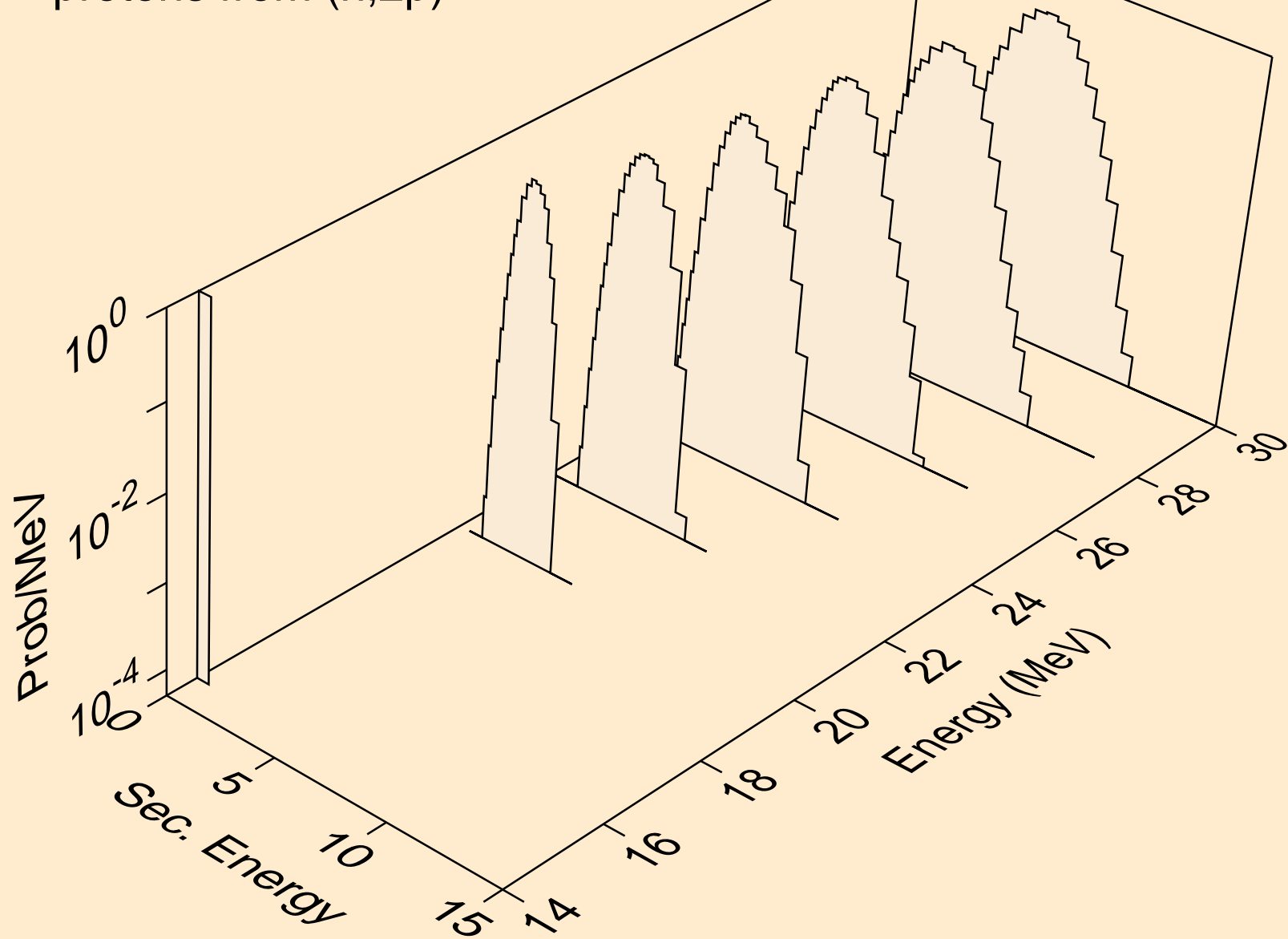


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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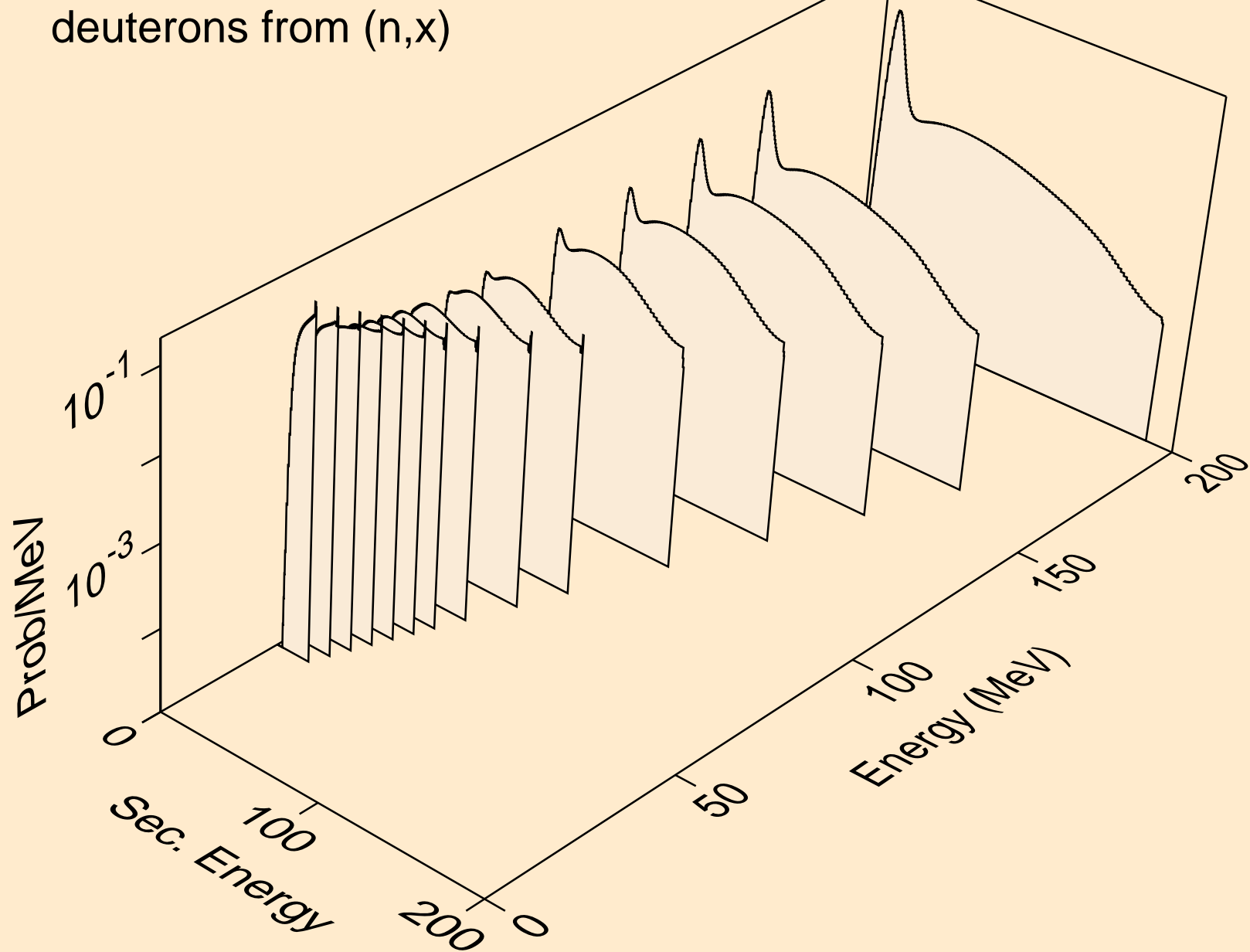




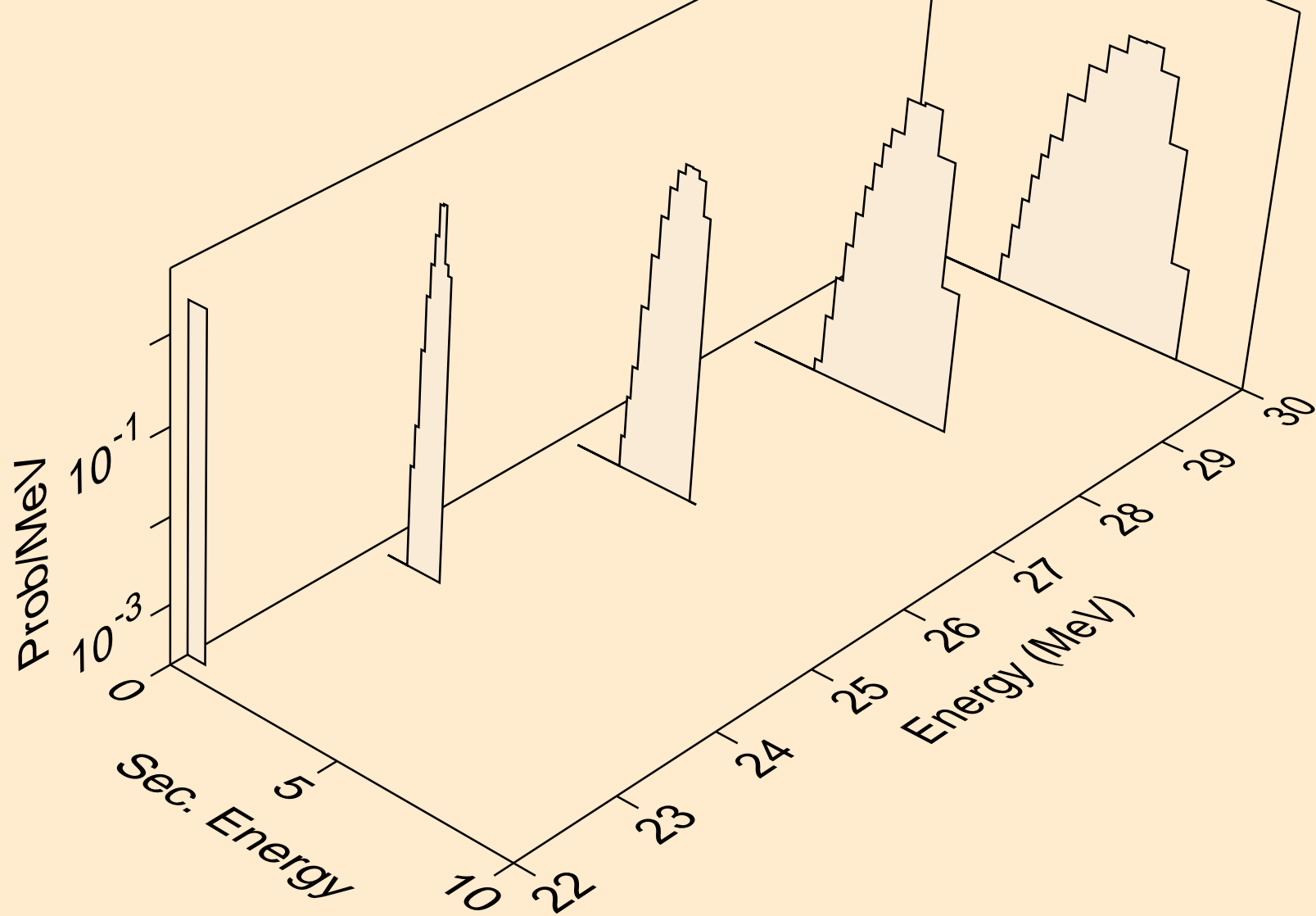
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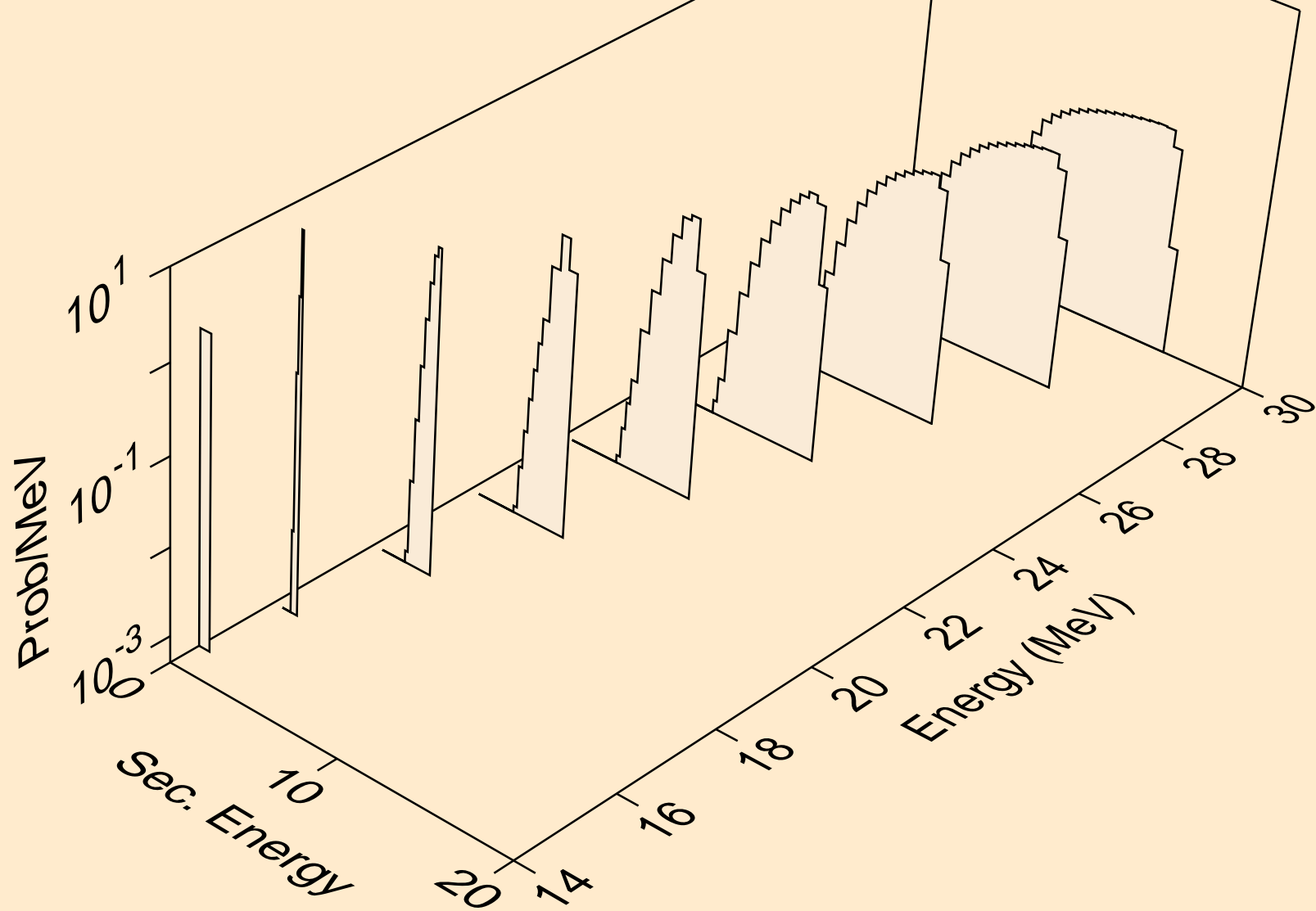
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deuterons from (n,x)



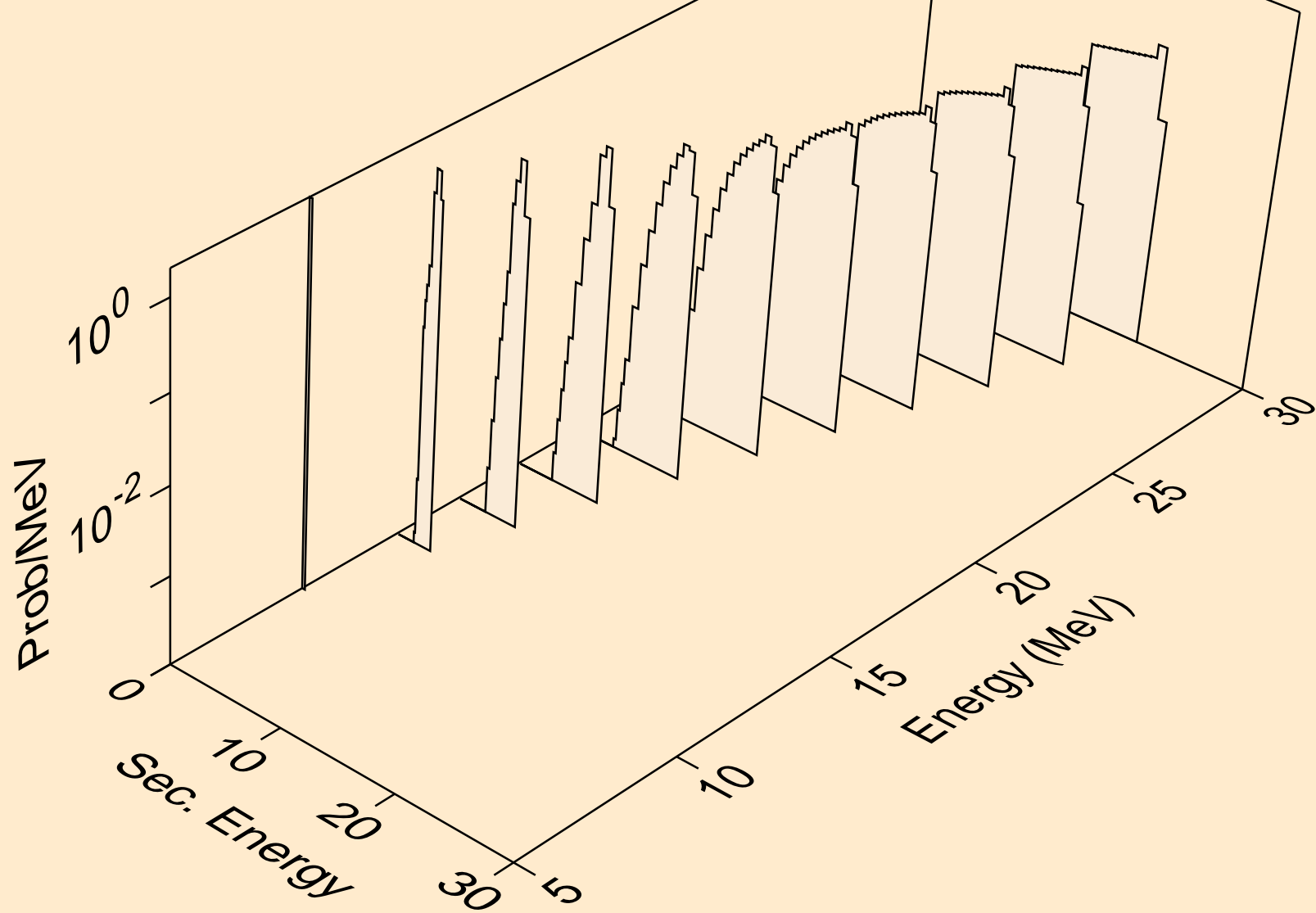
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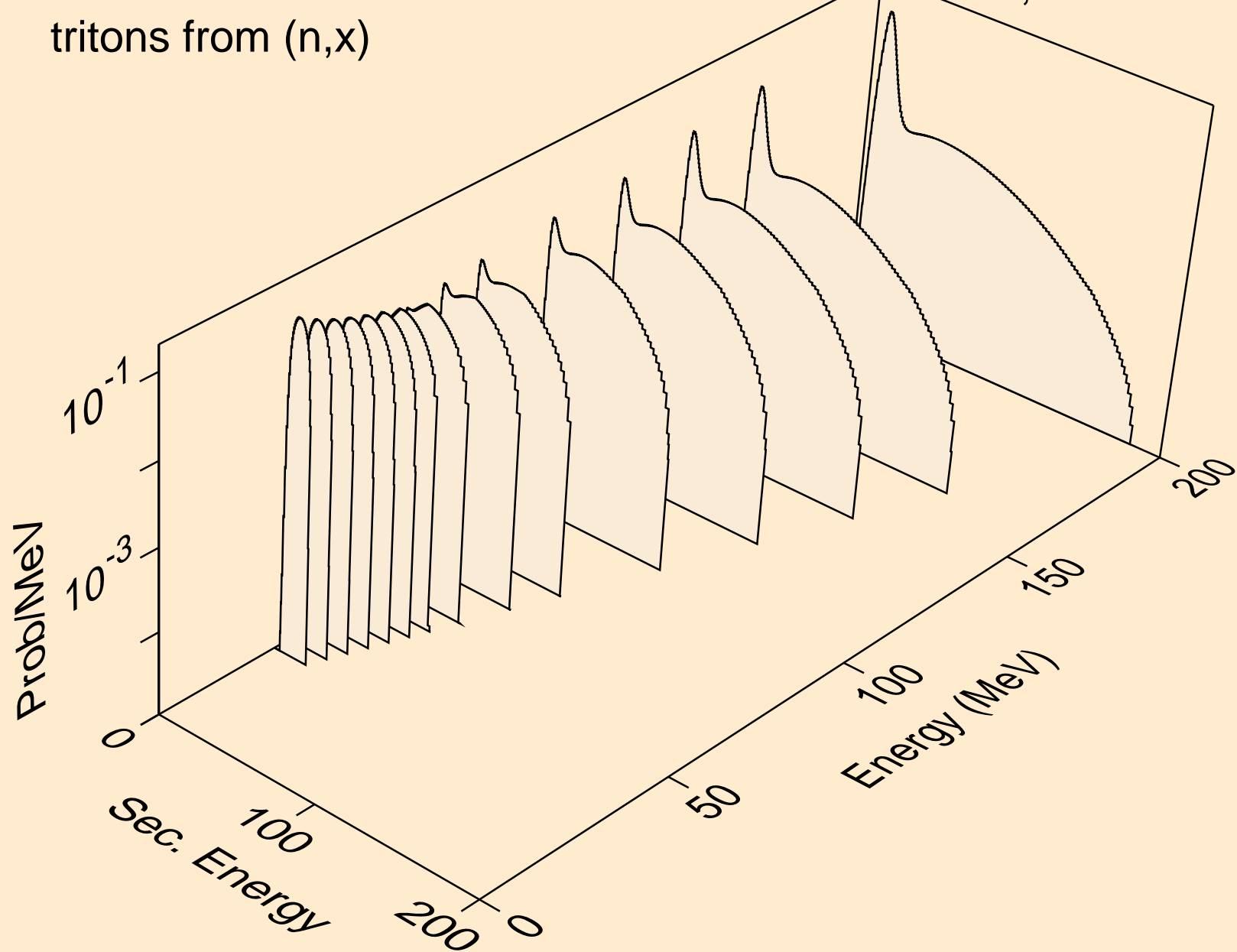
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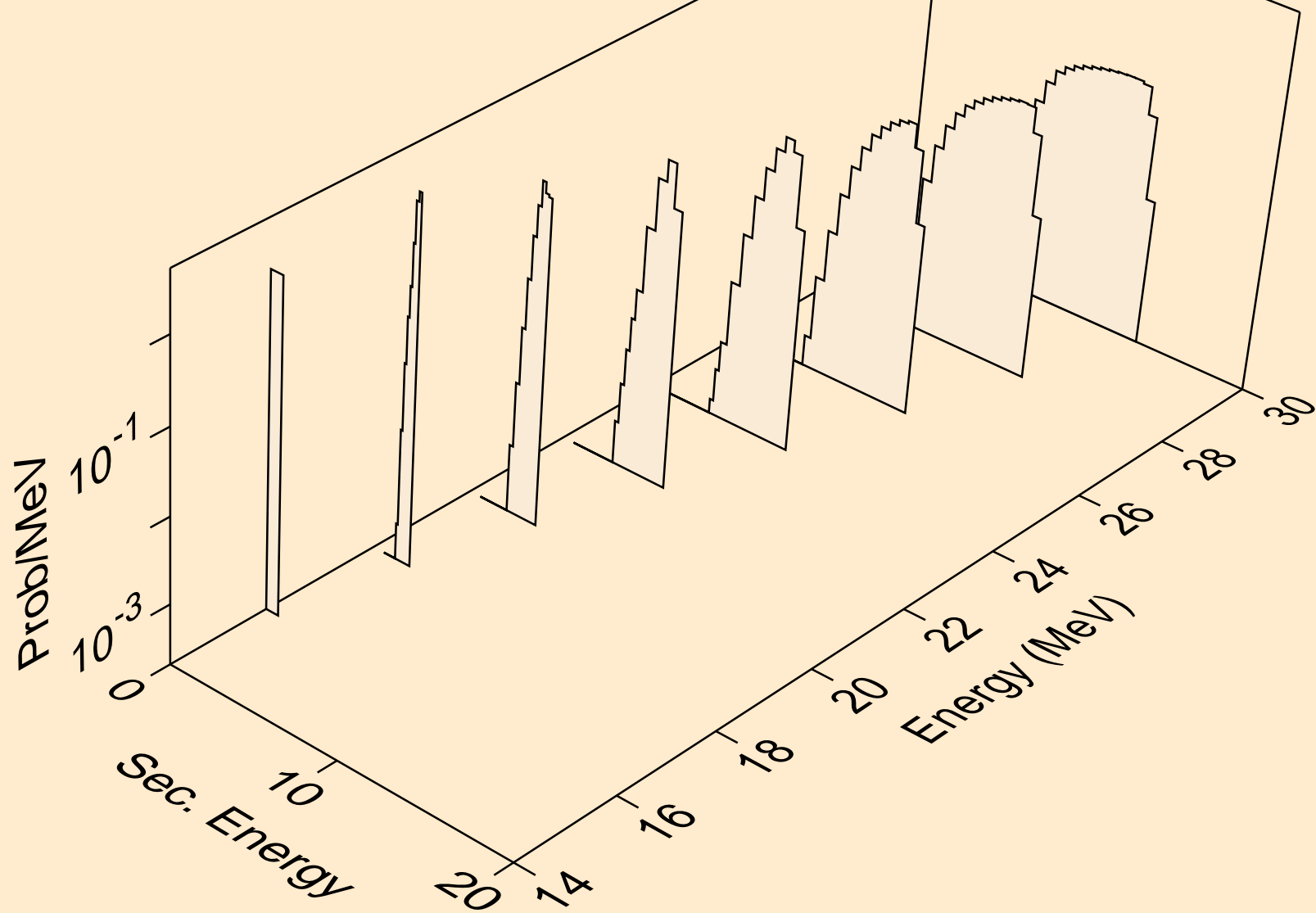
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deuterons from (n,d)



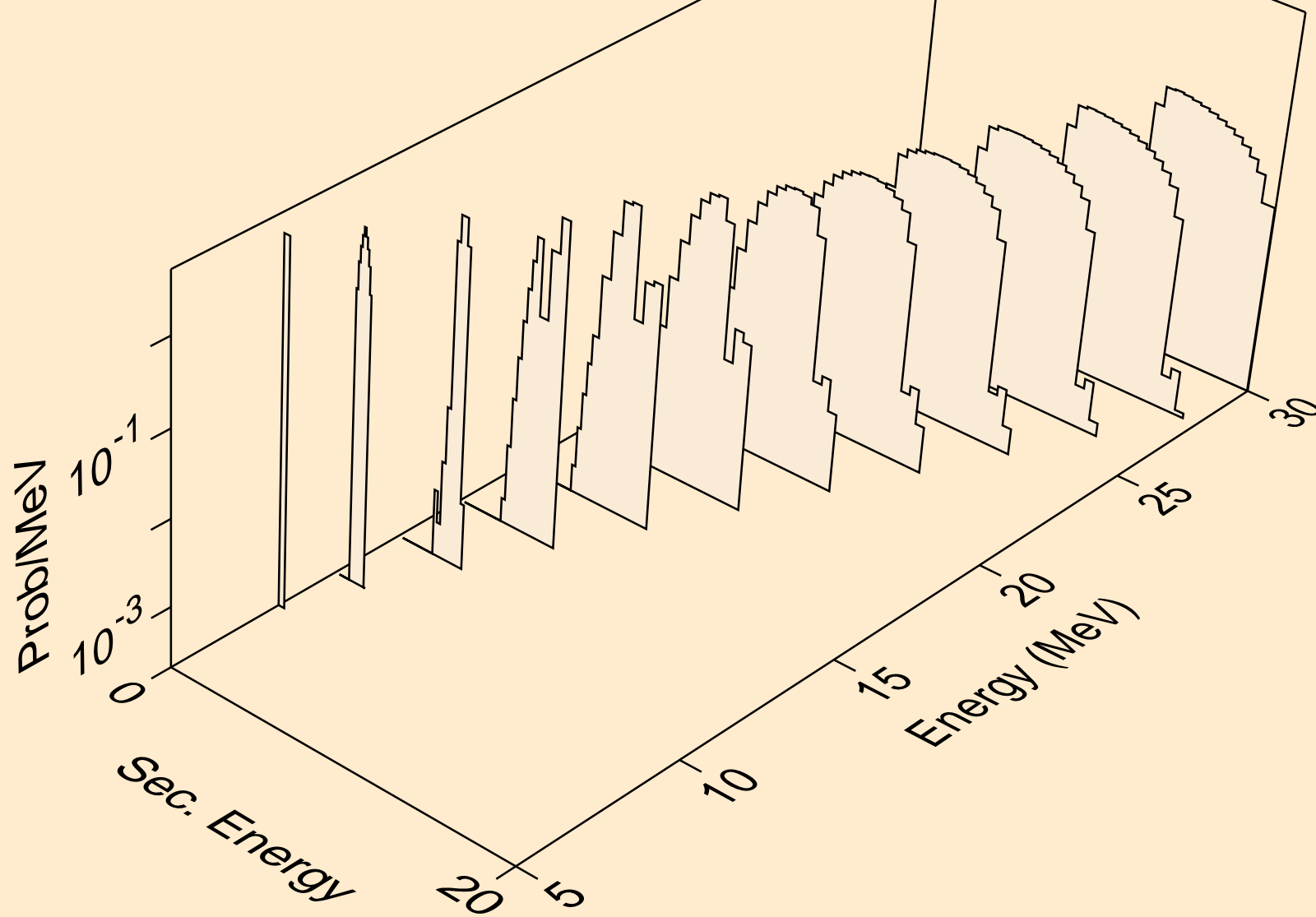
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

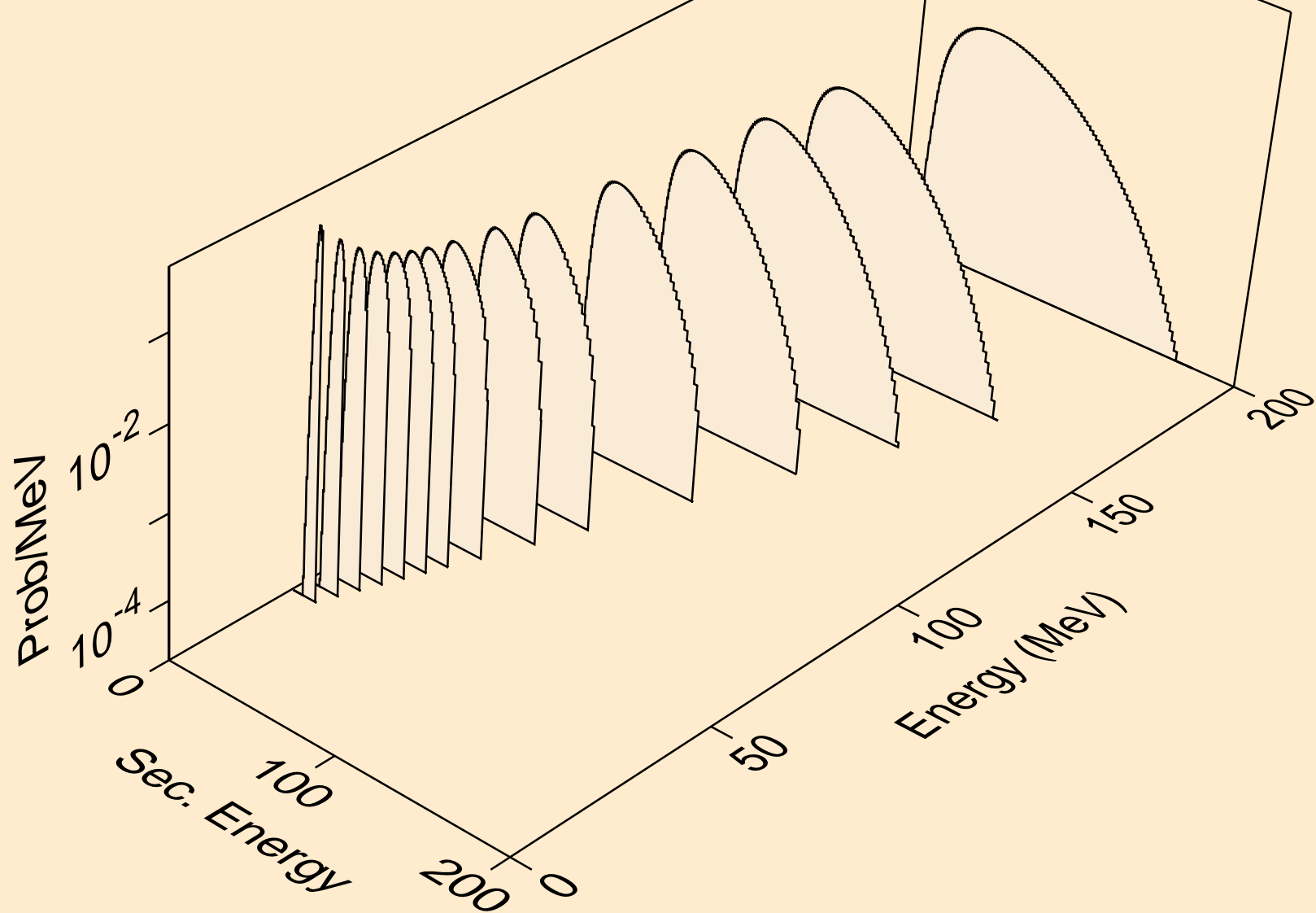


PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

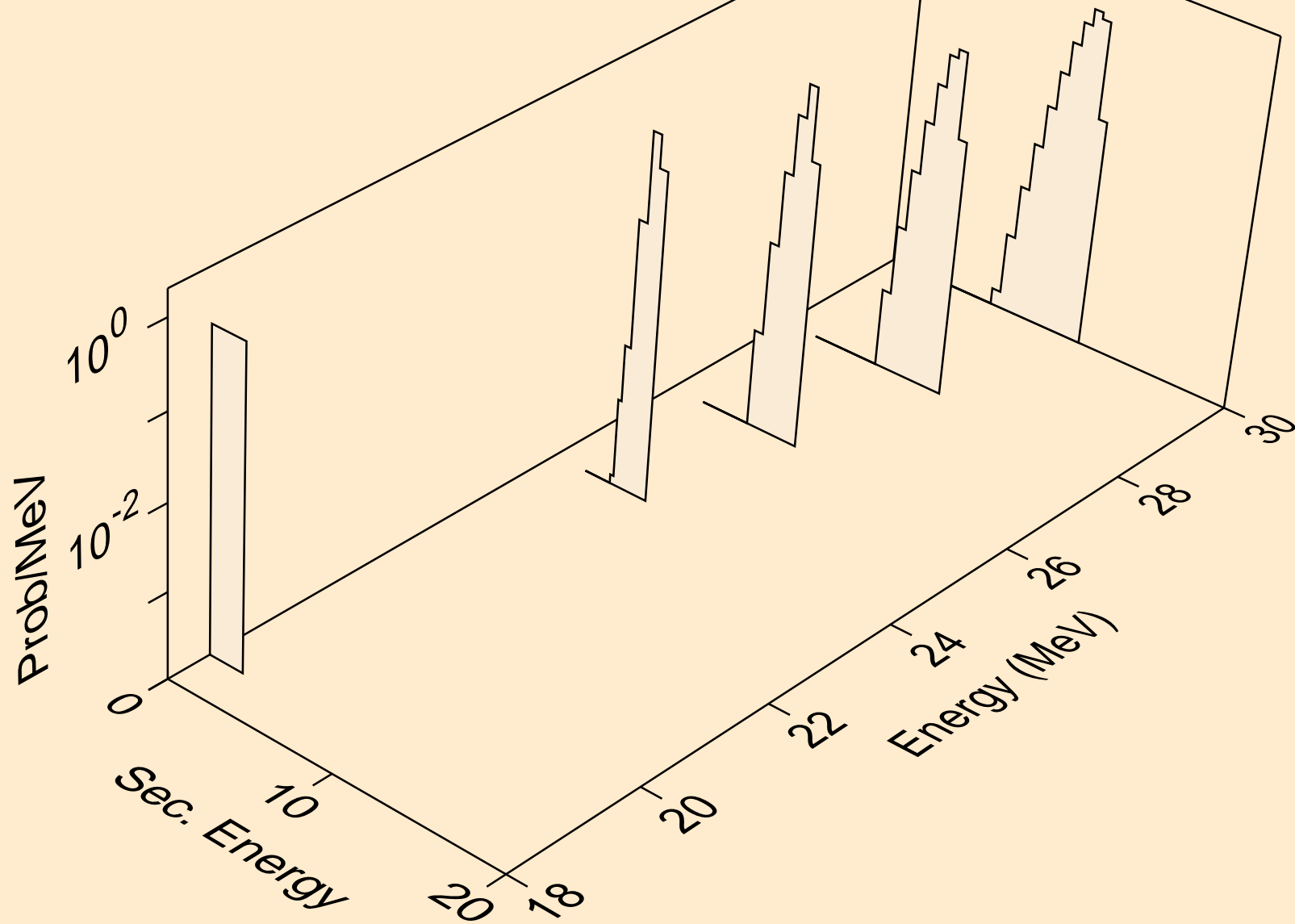




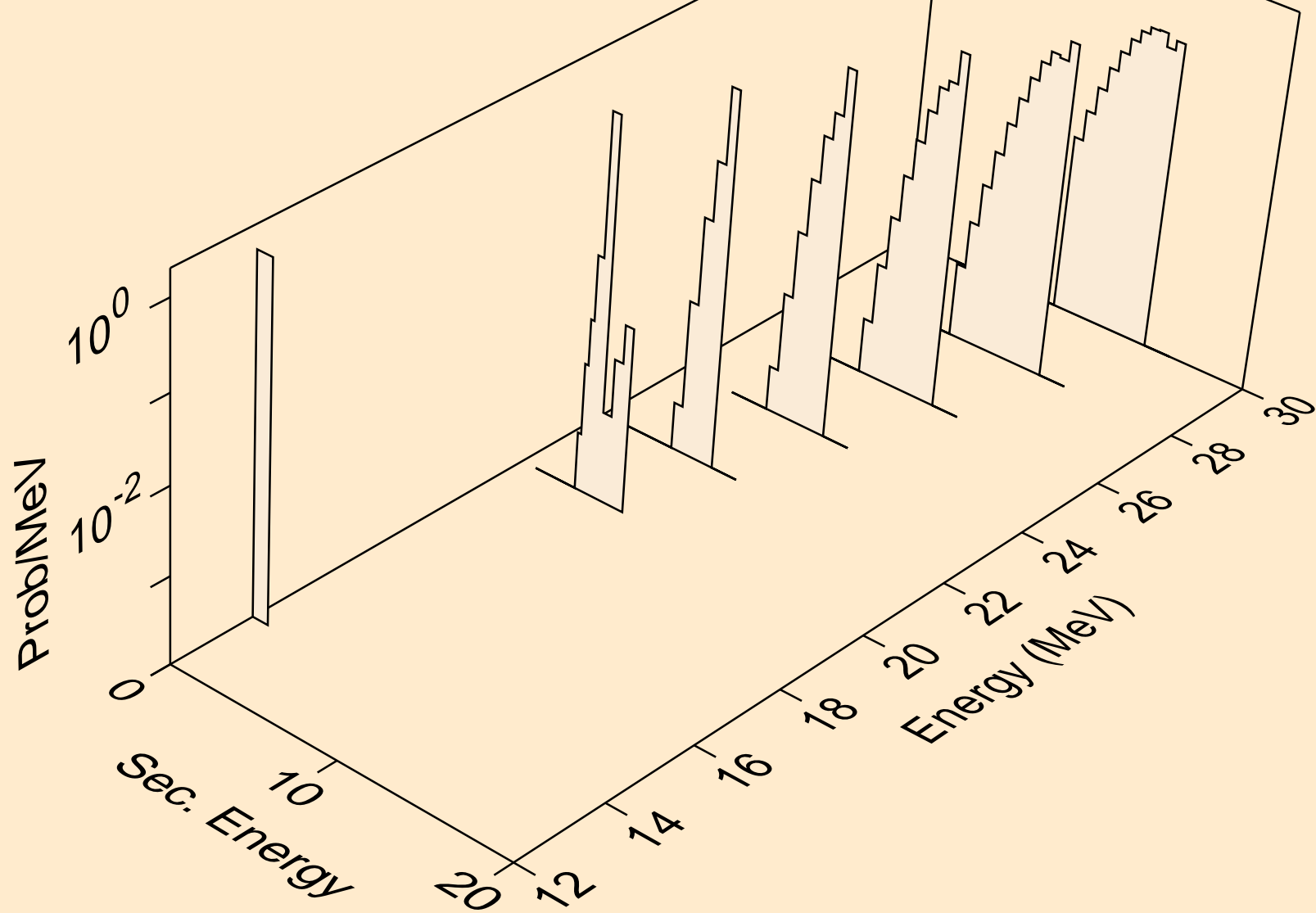
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



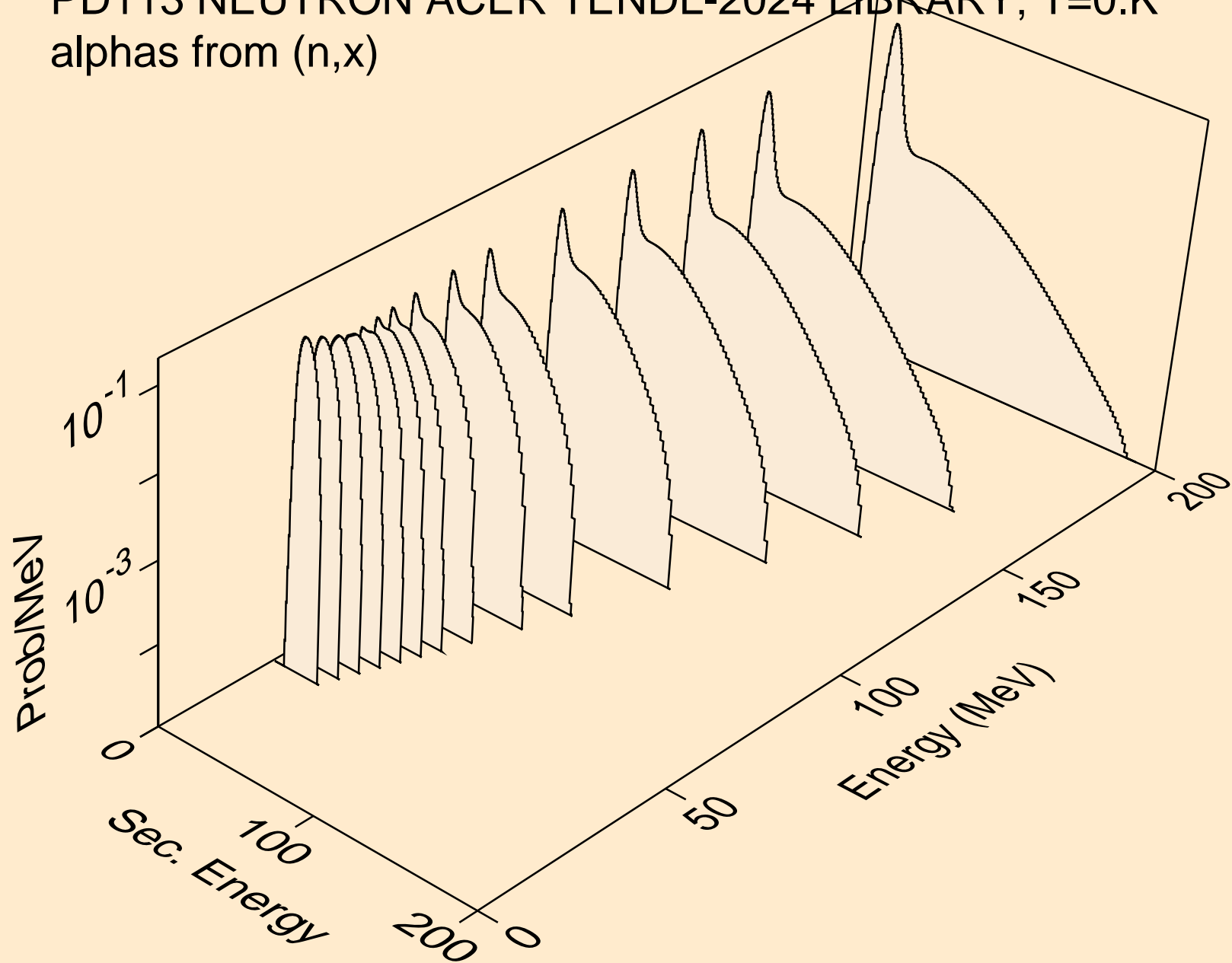
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



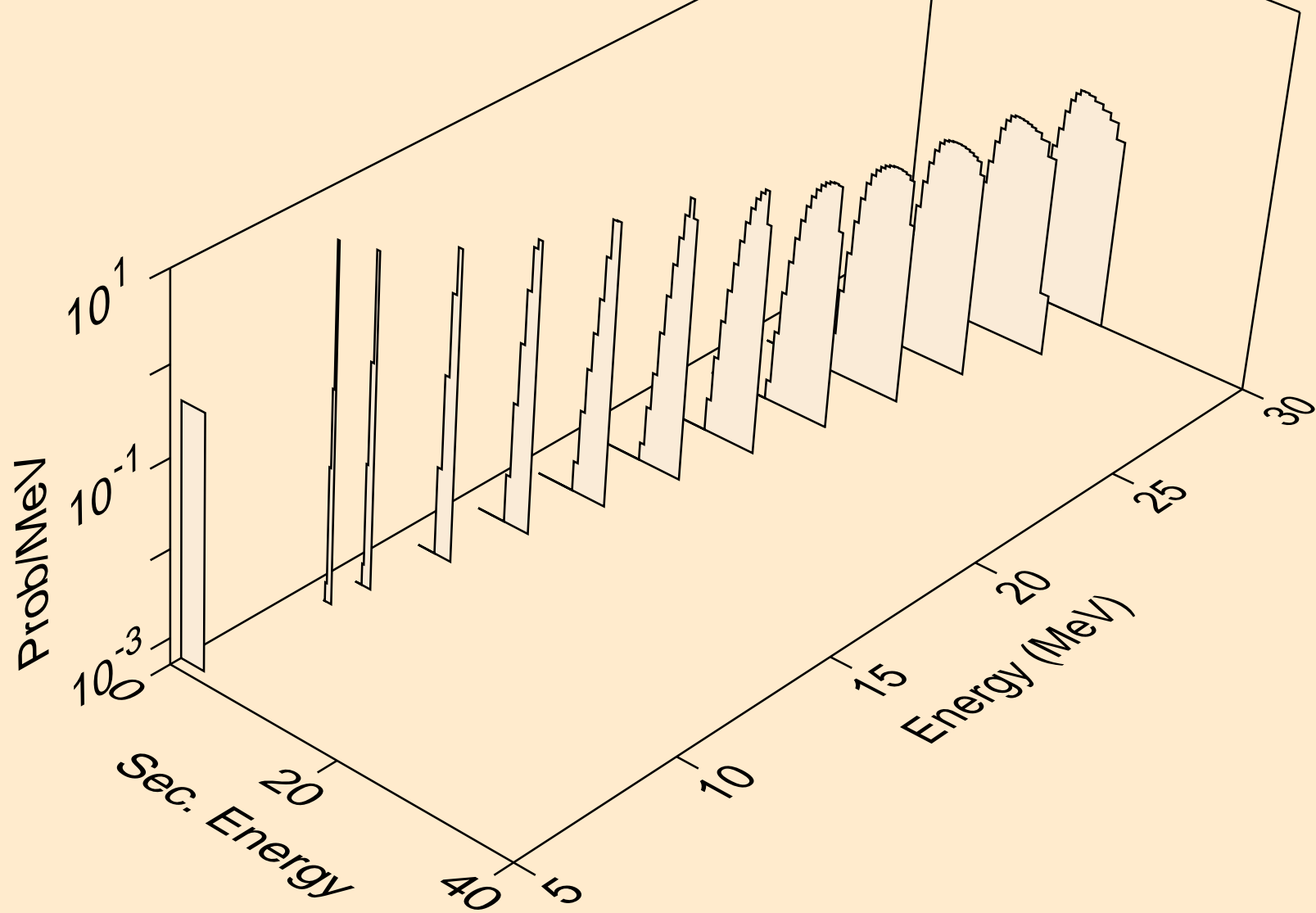
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he3s from (n,he3)



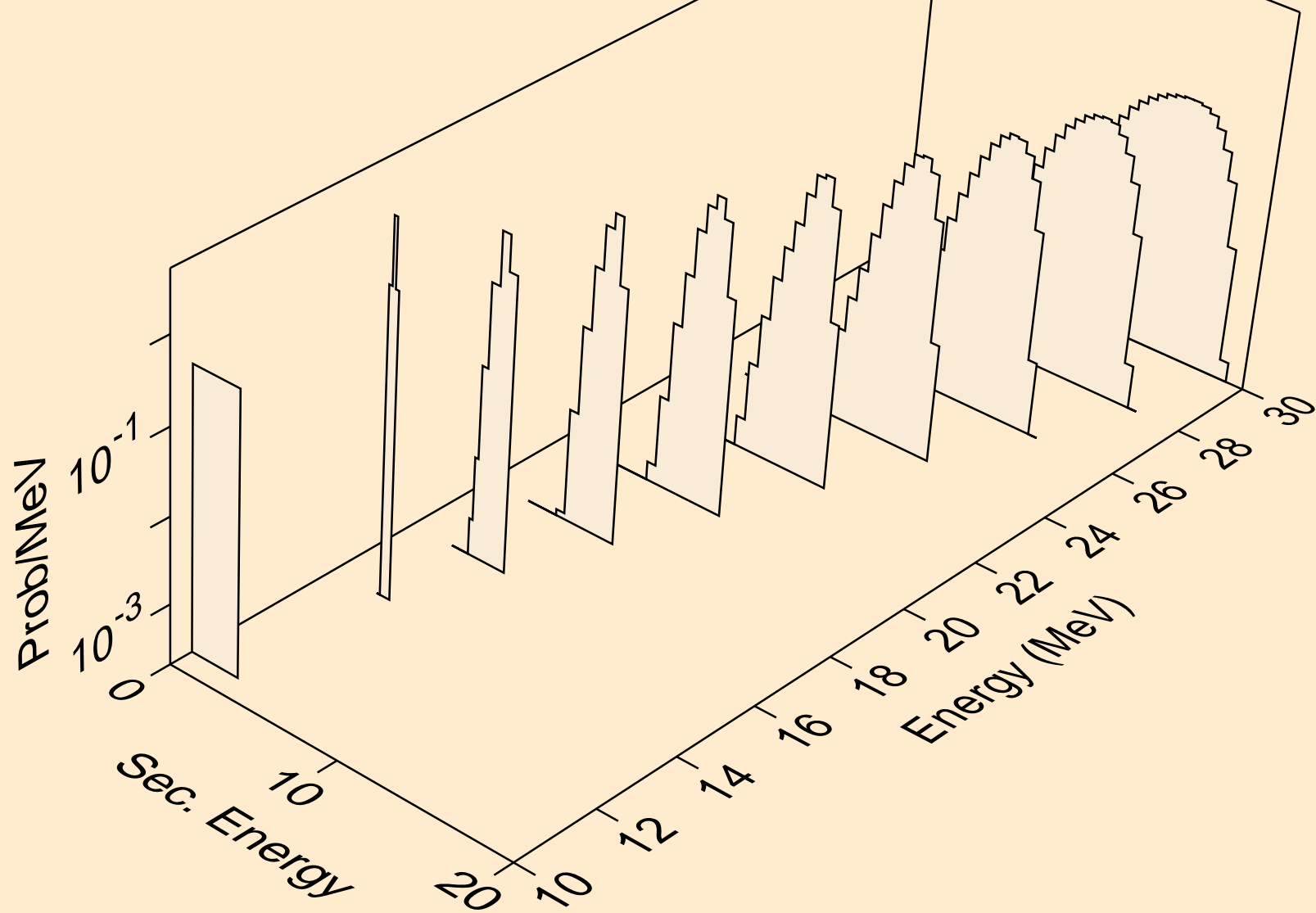
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



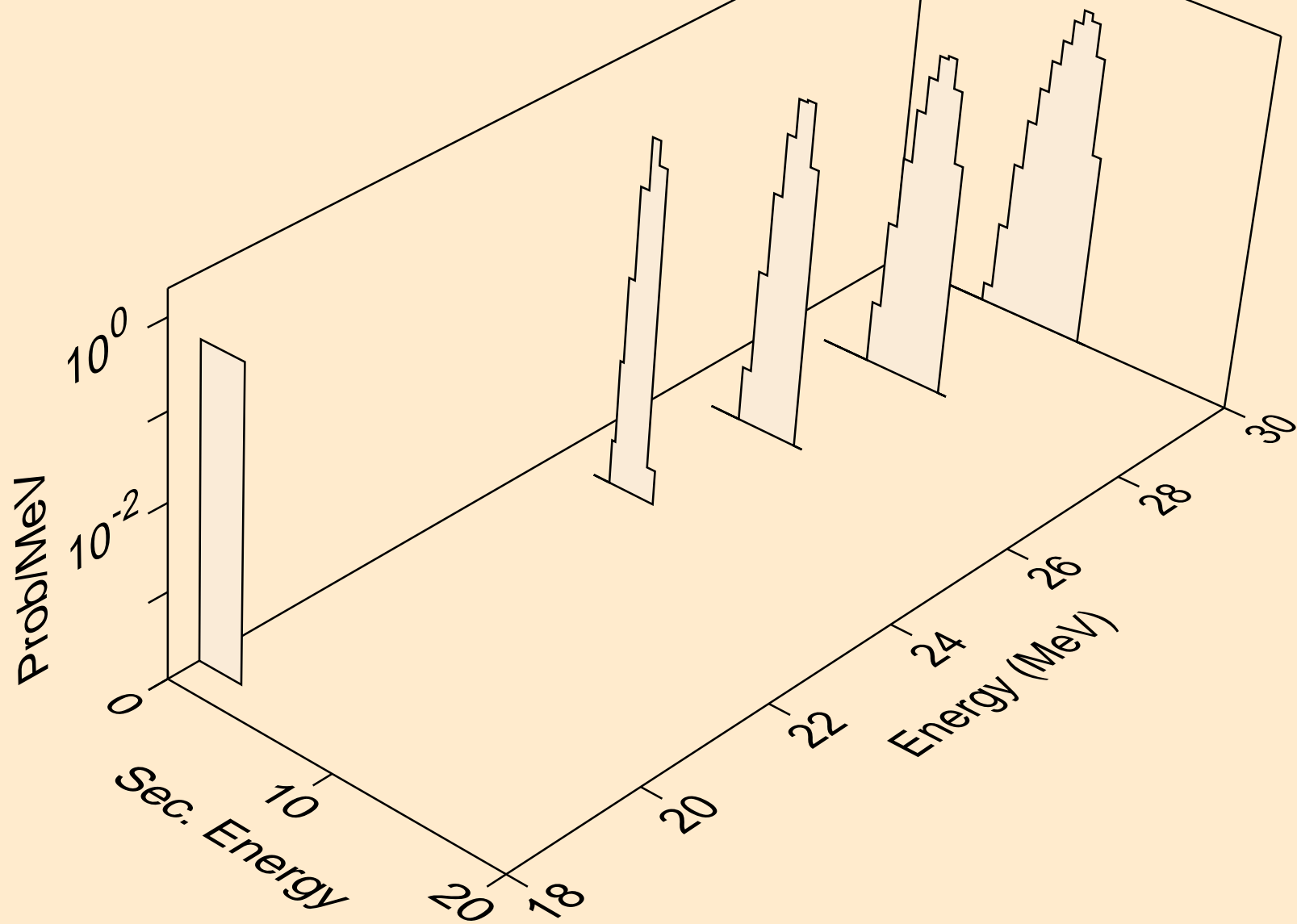
PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



PD113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

