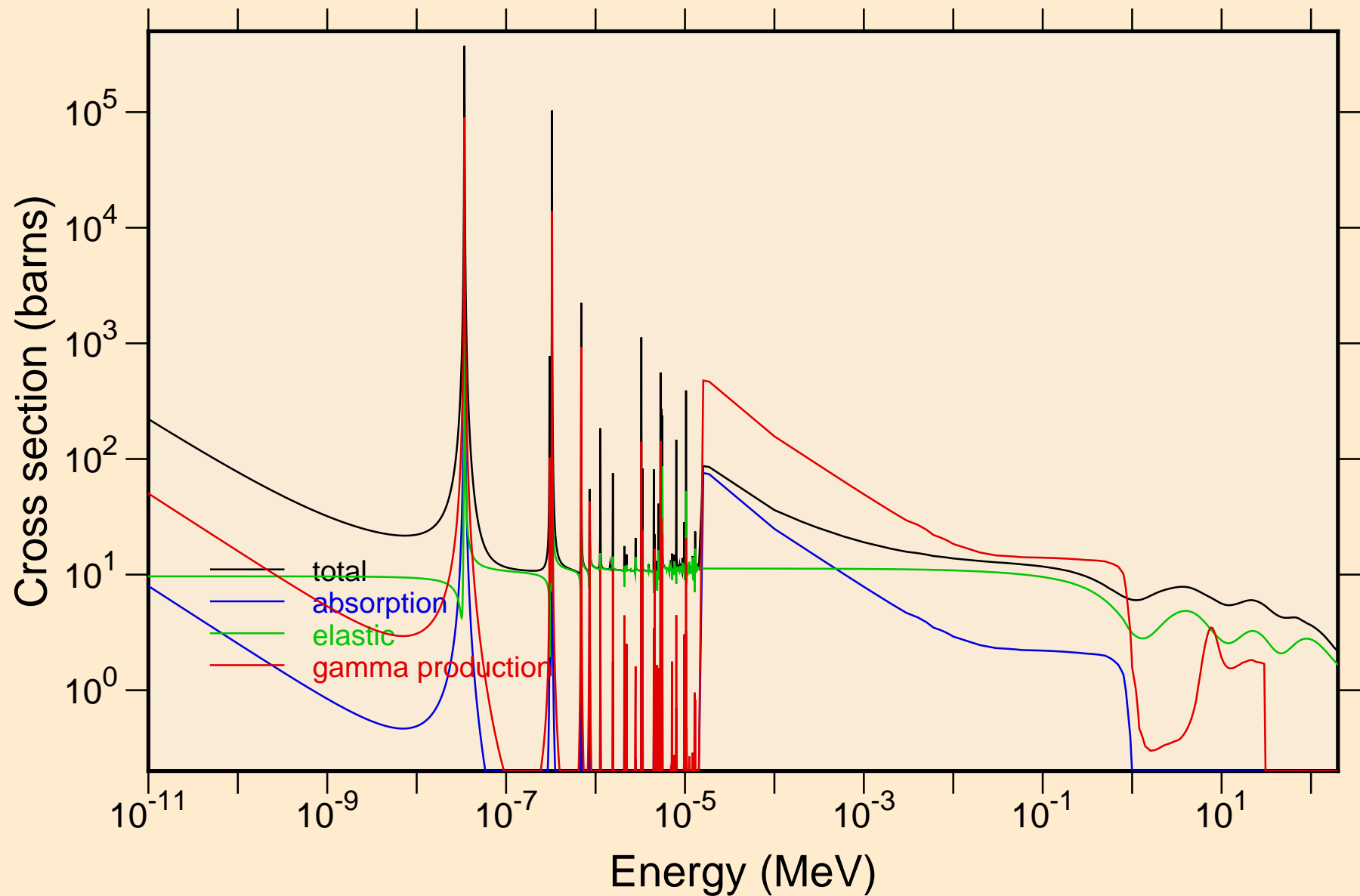
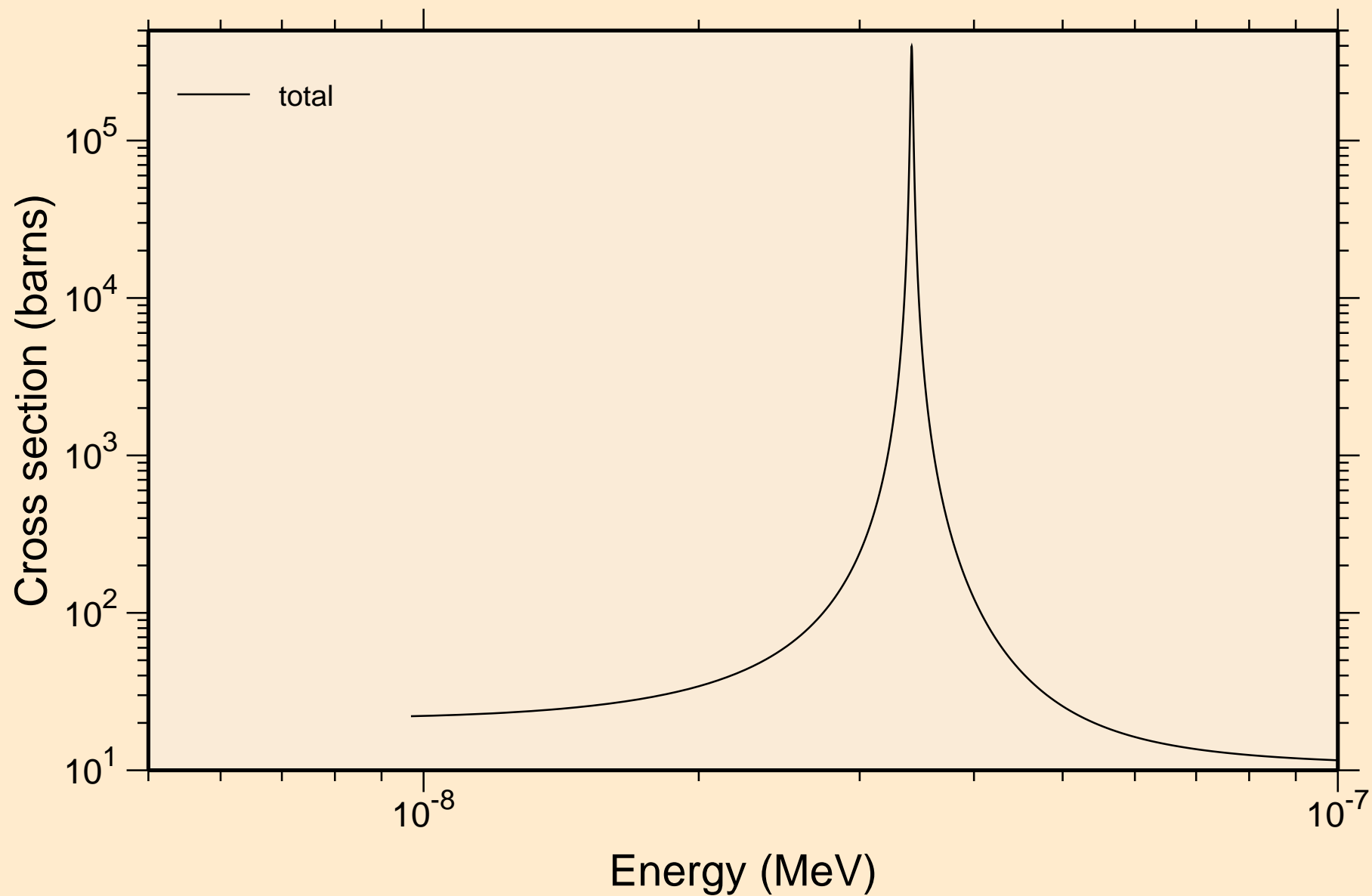


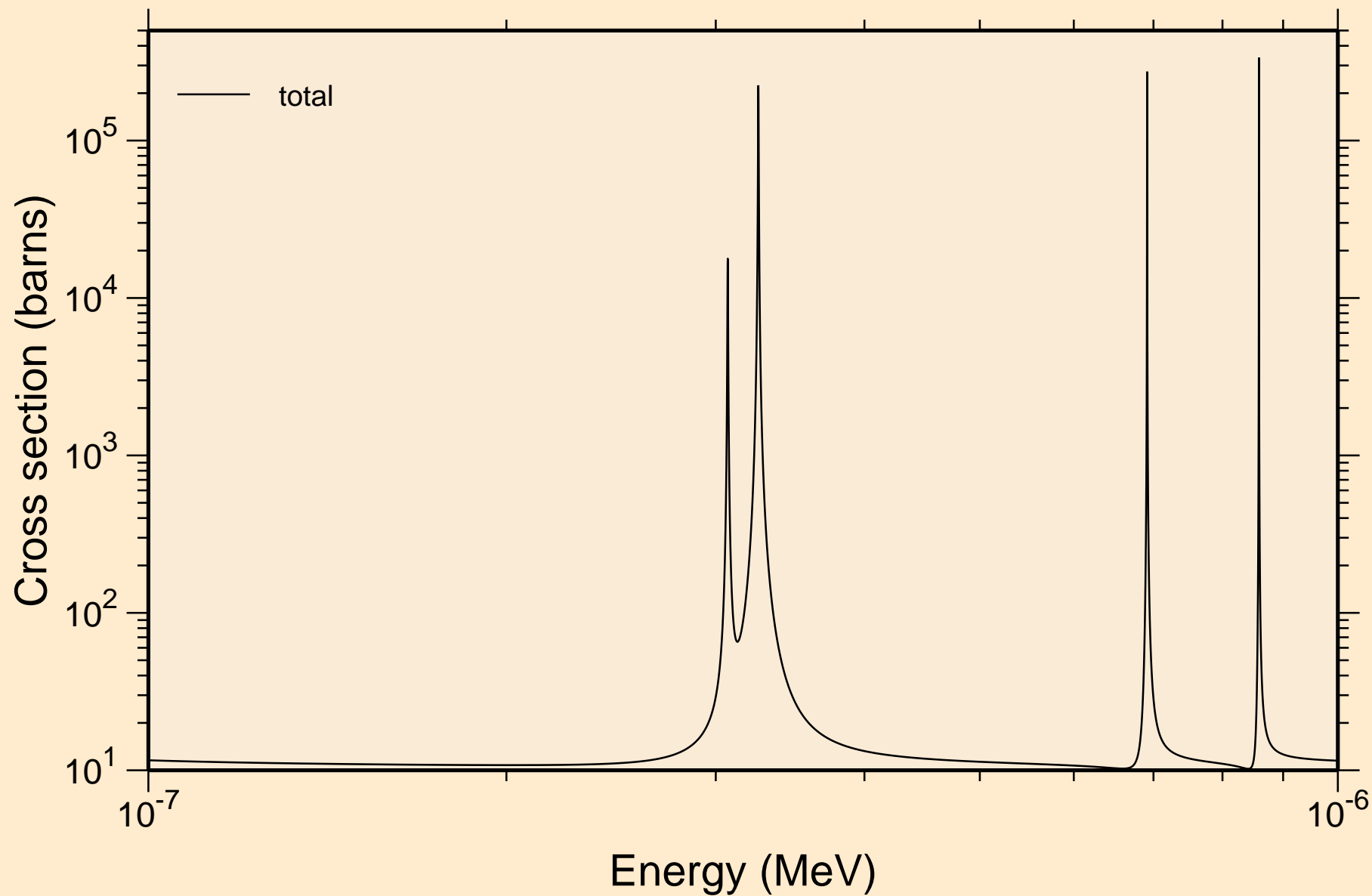
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



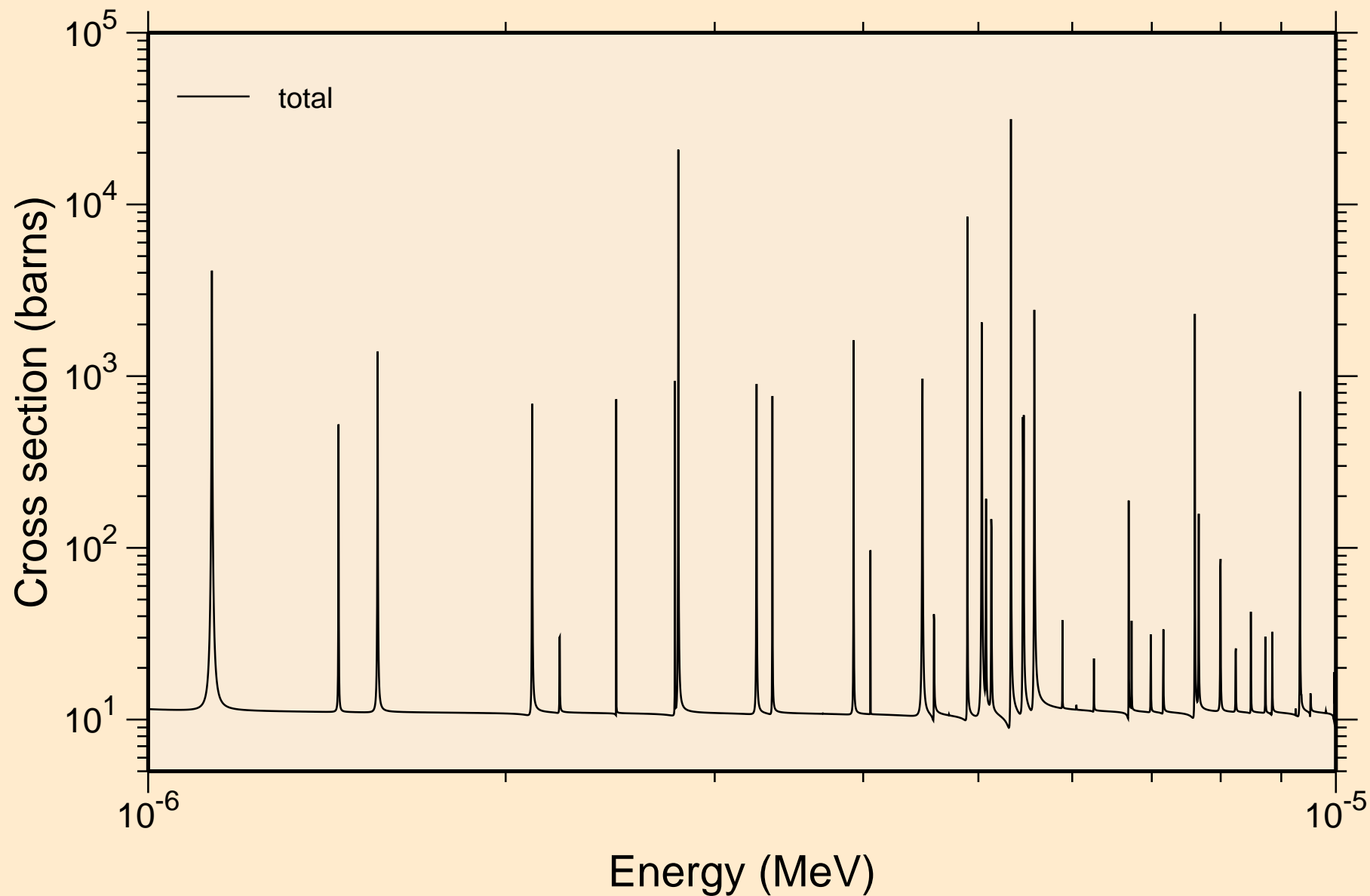
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



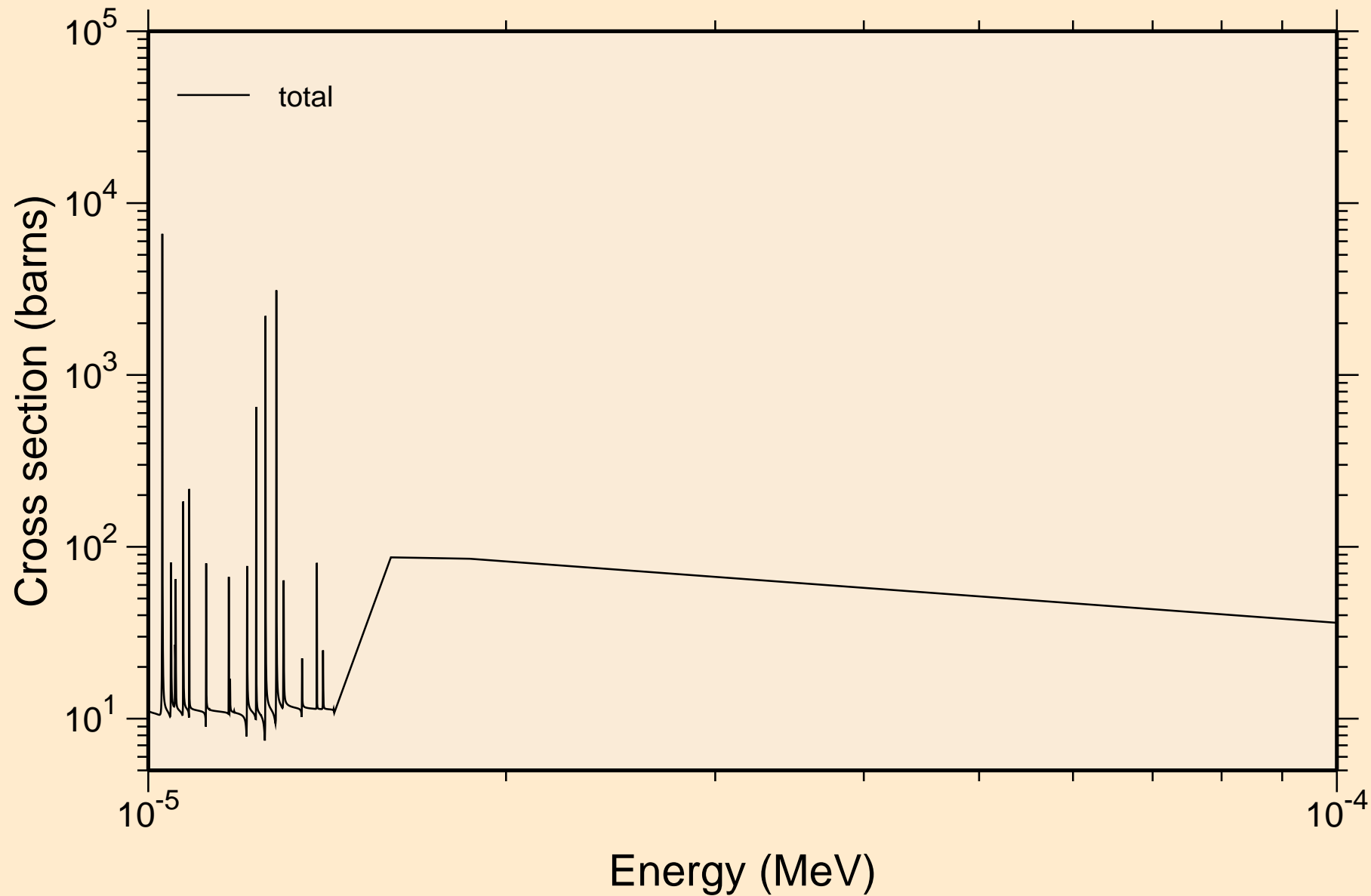
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



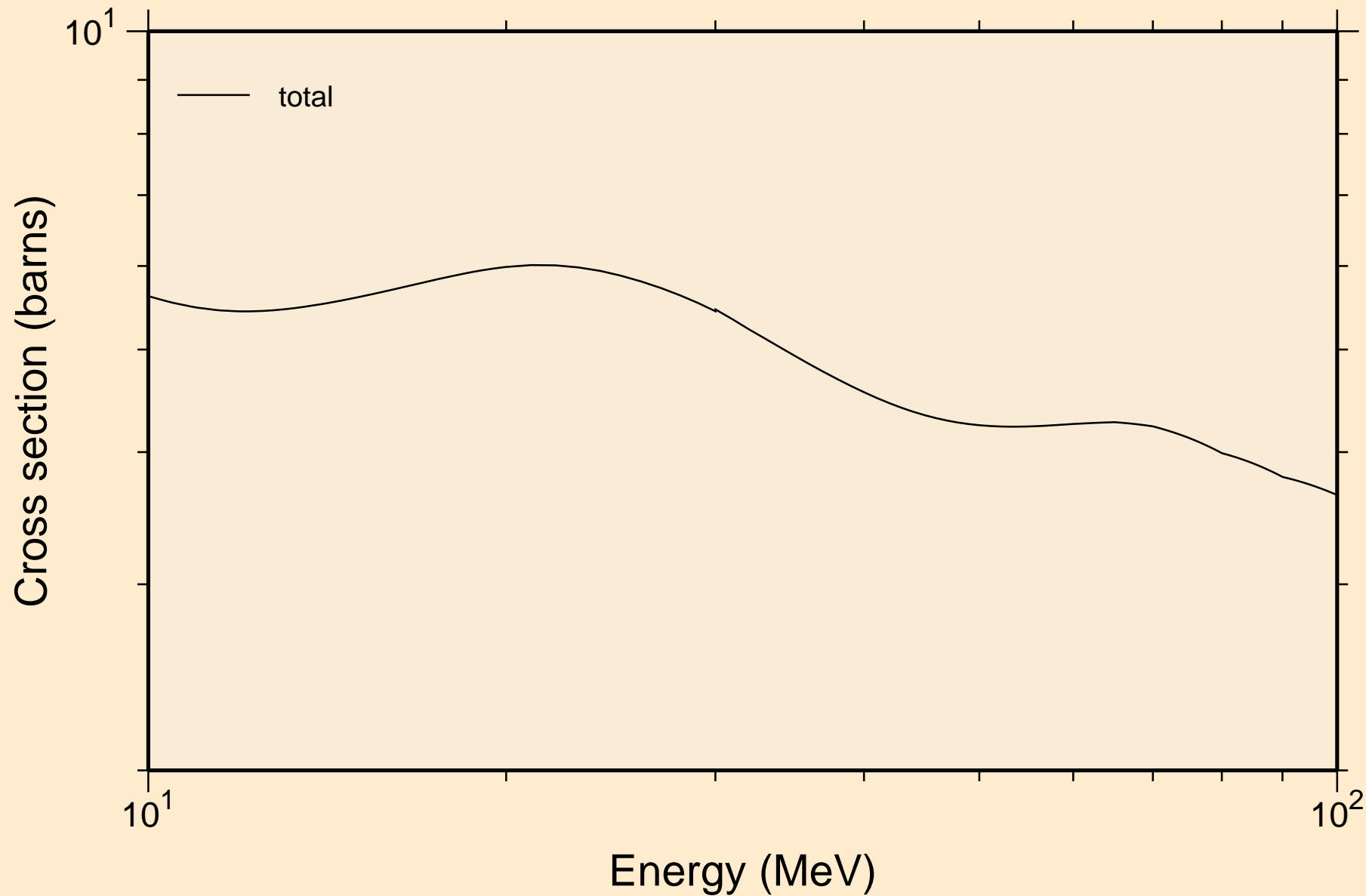
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



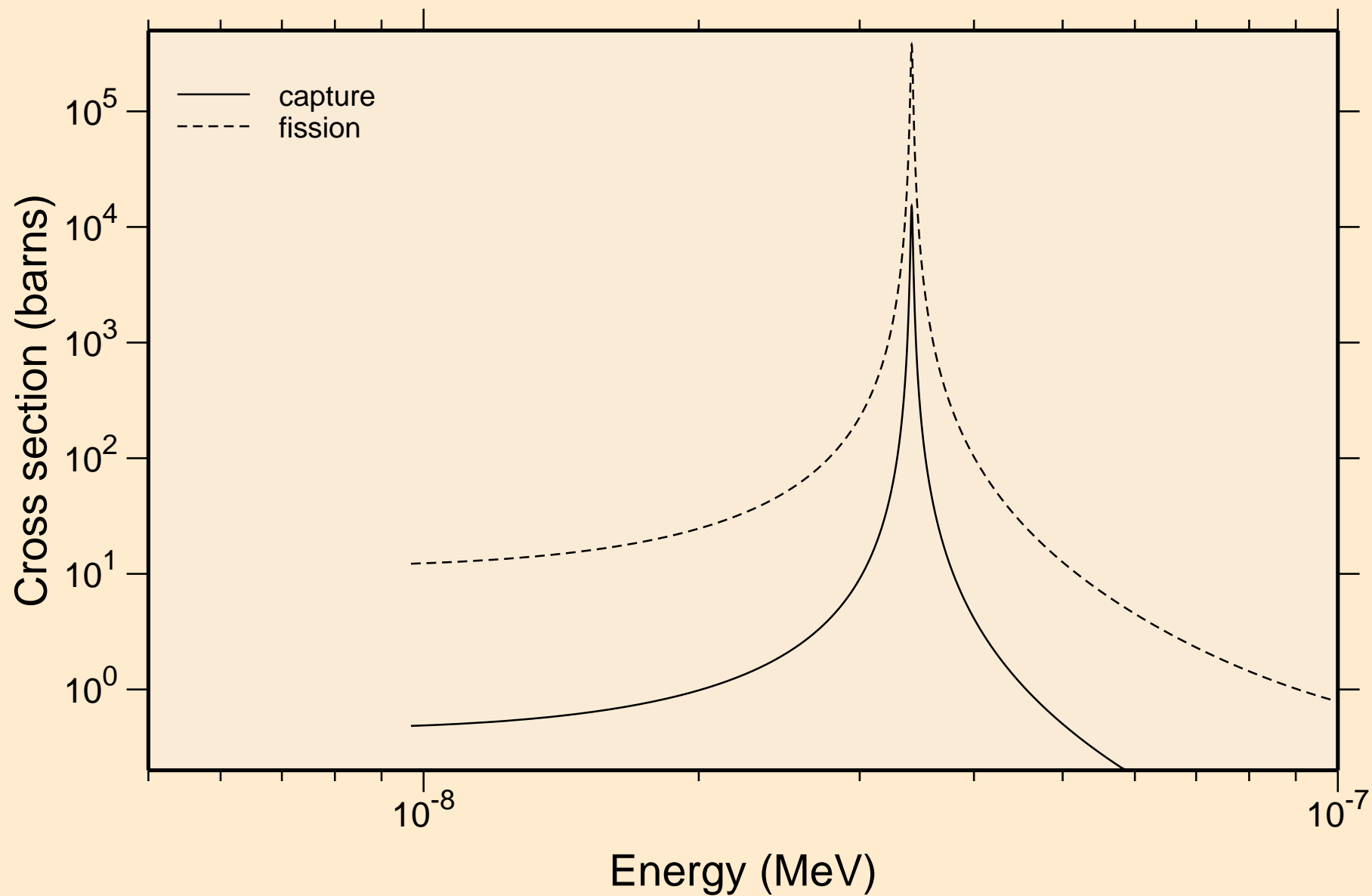
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resonance total cross section



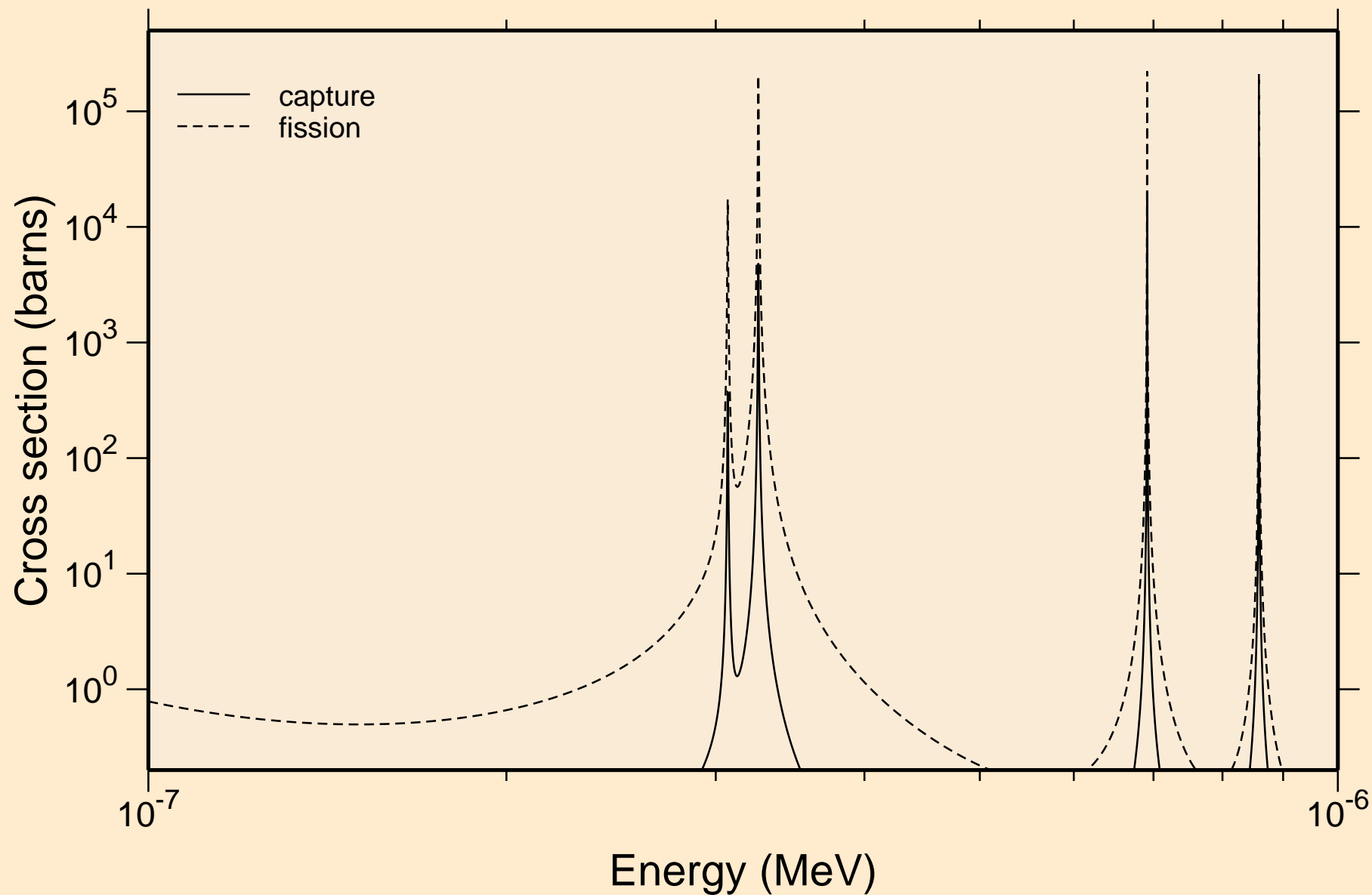
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

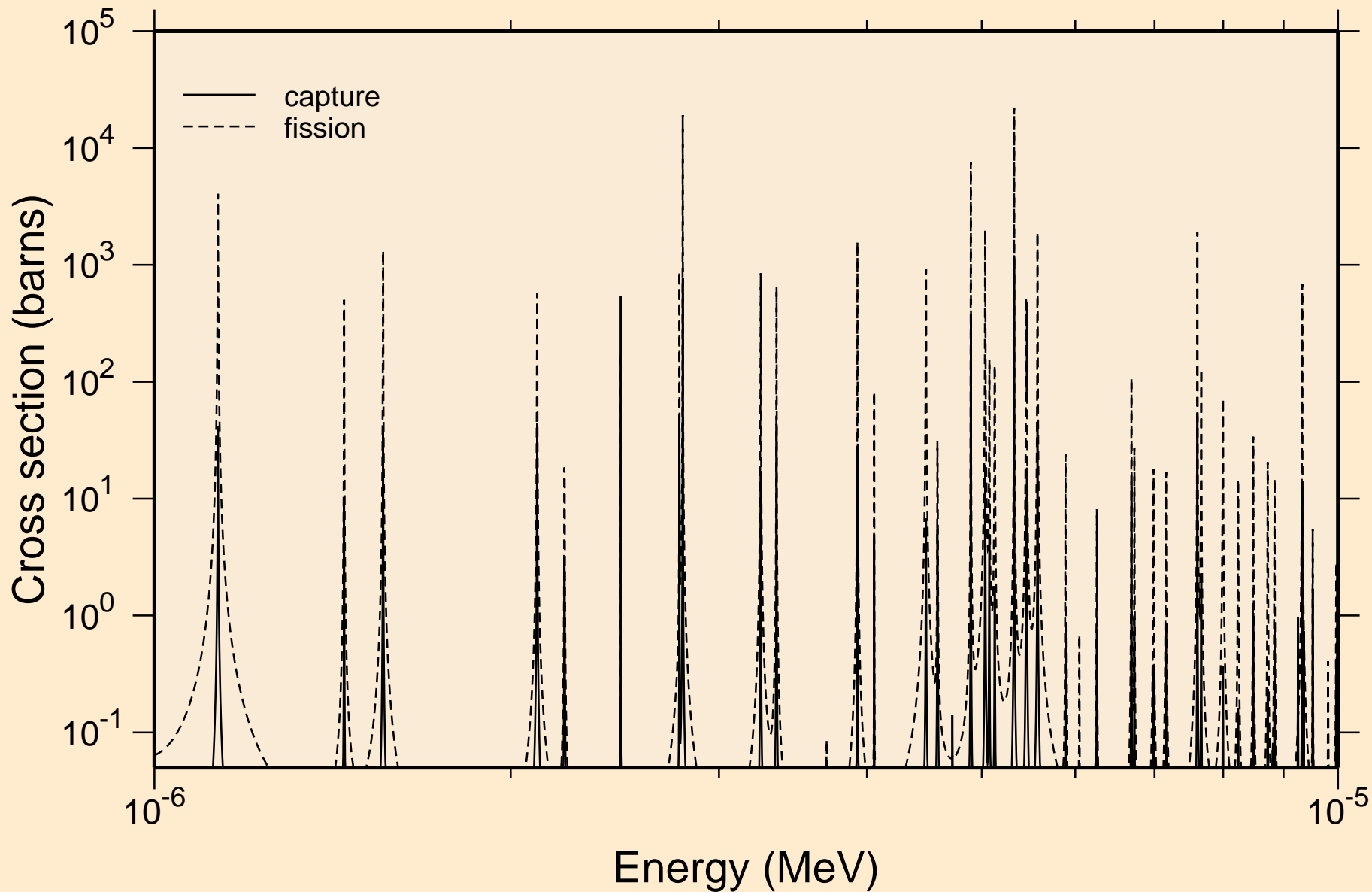


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

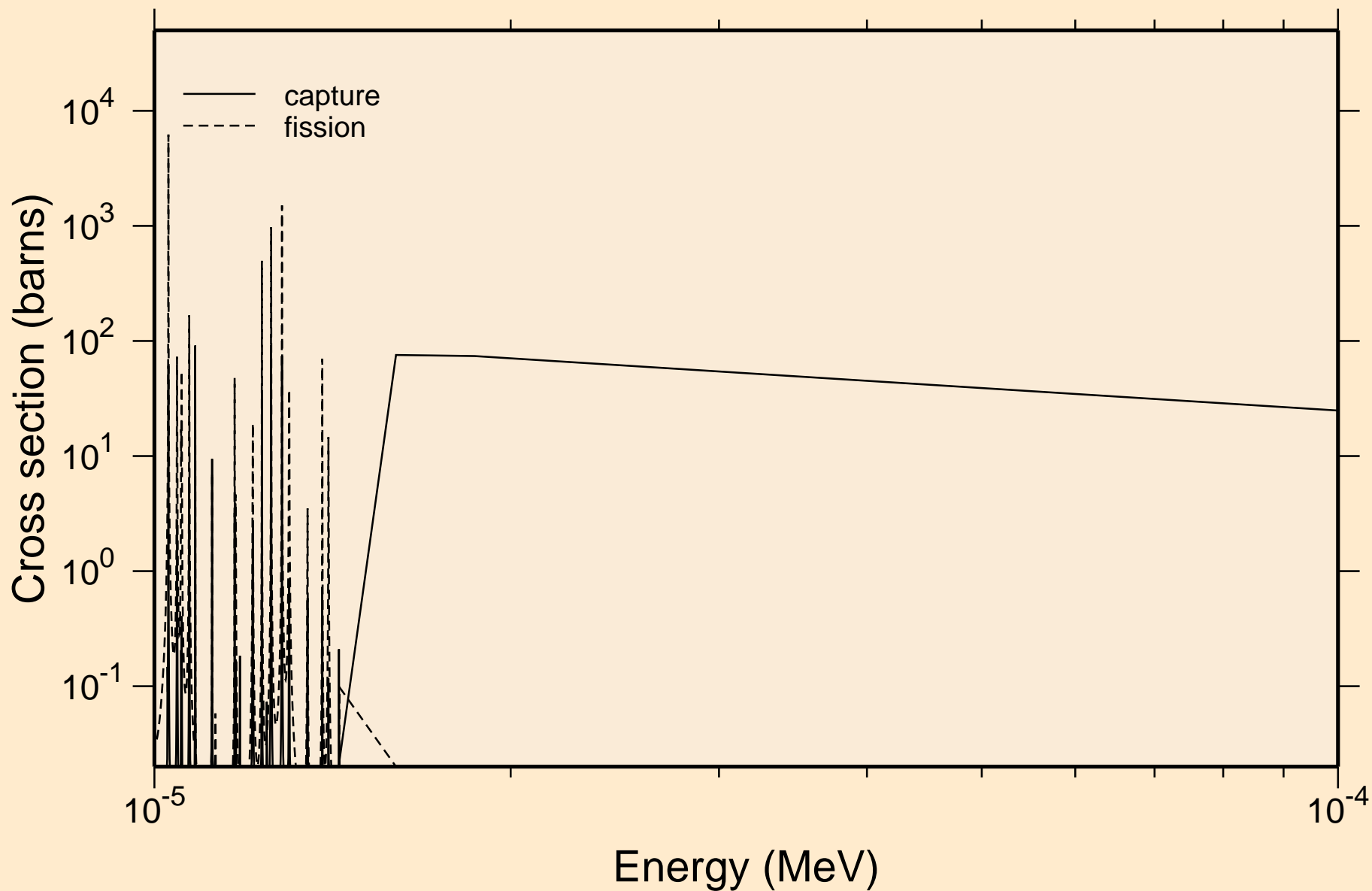




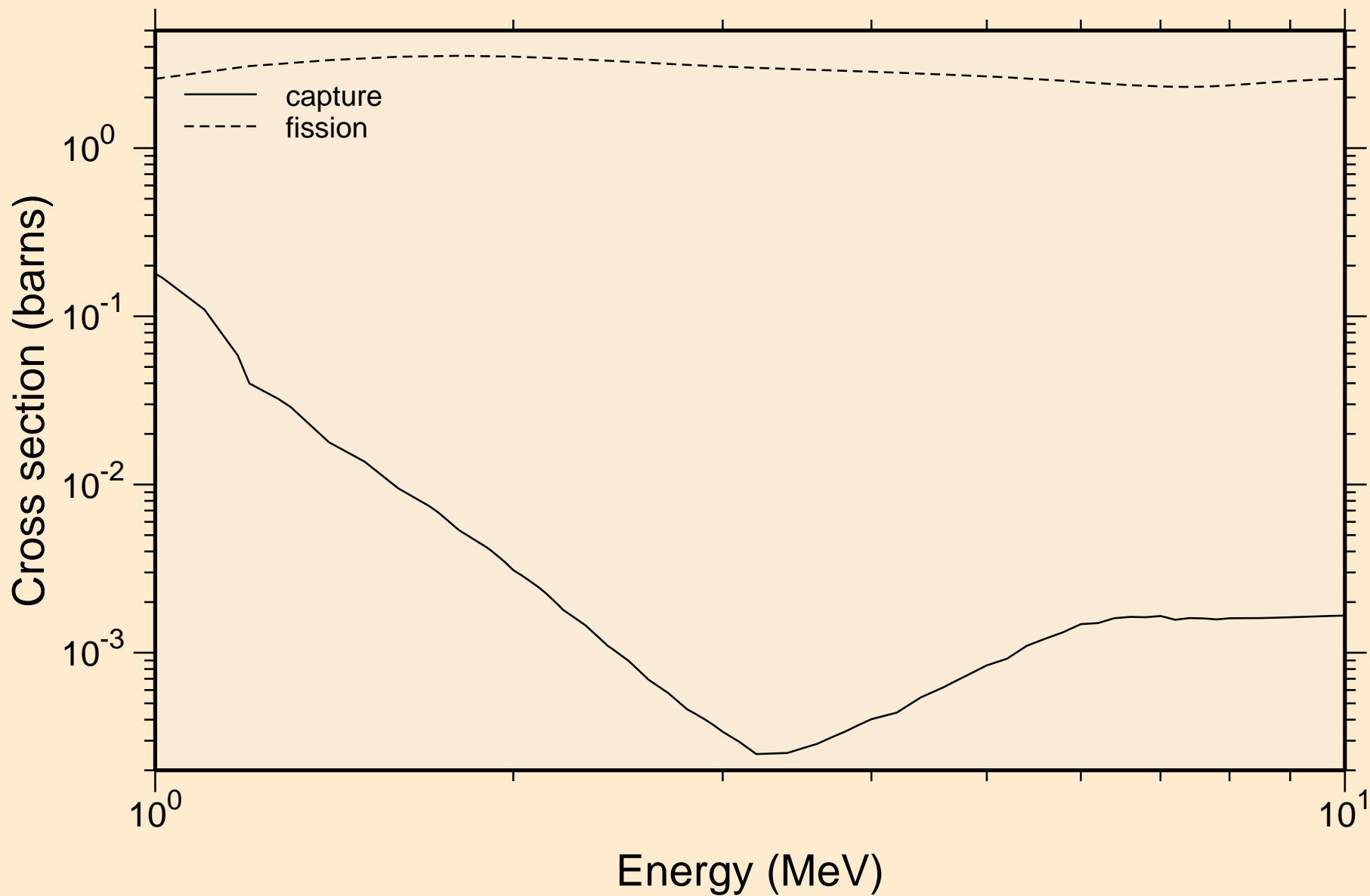
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



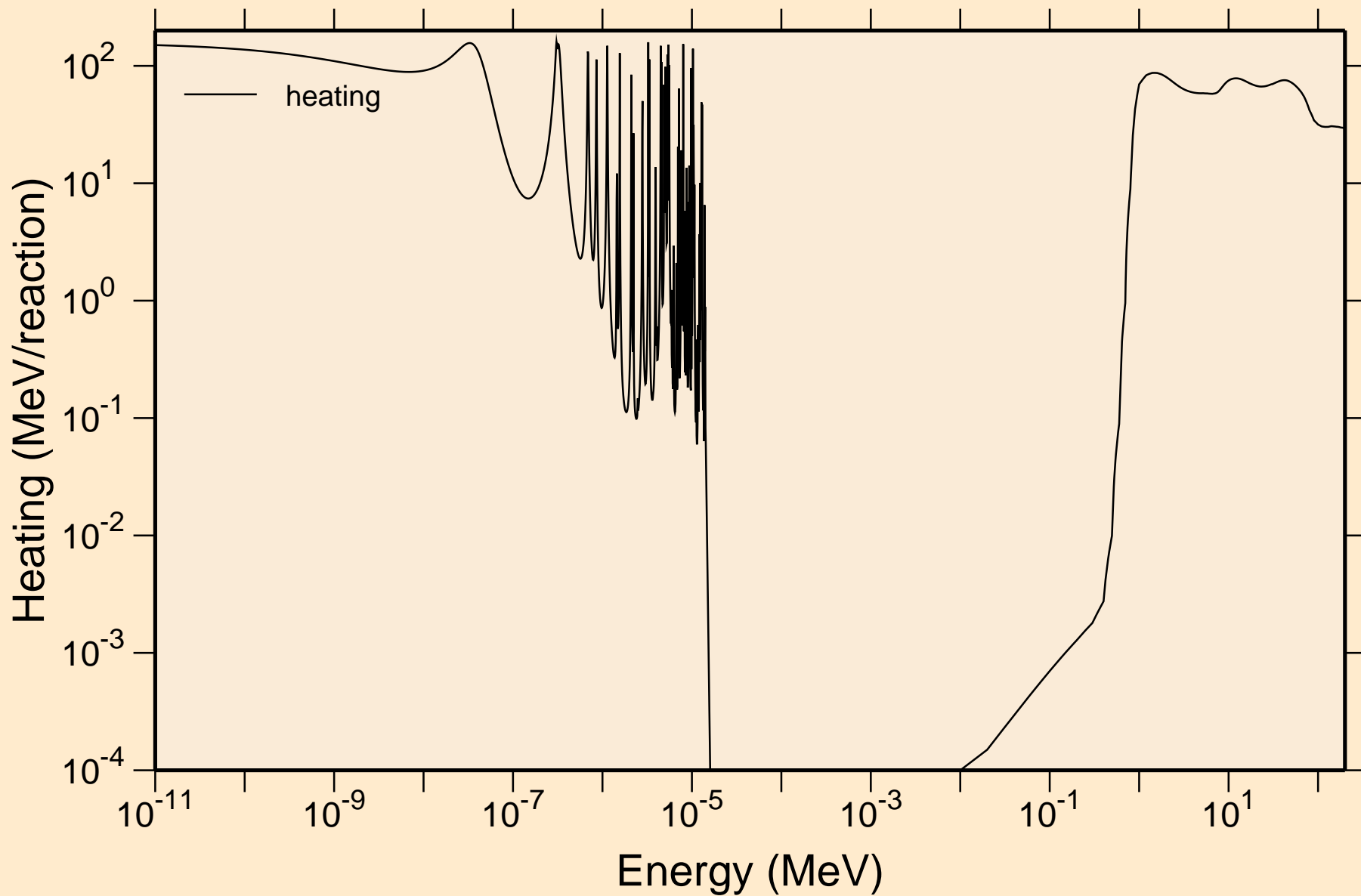
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resonance absorption cross sections



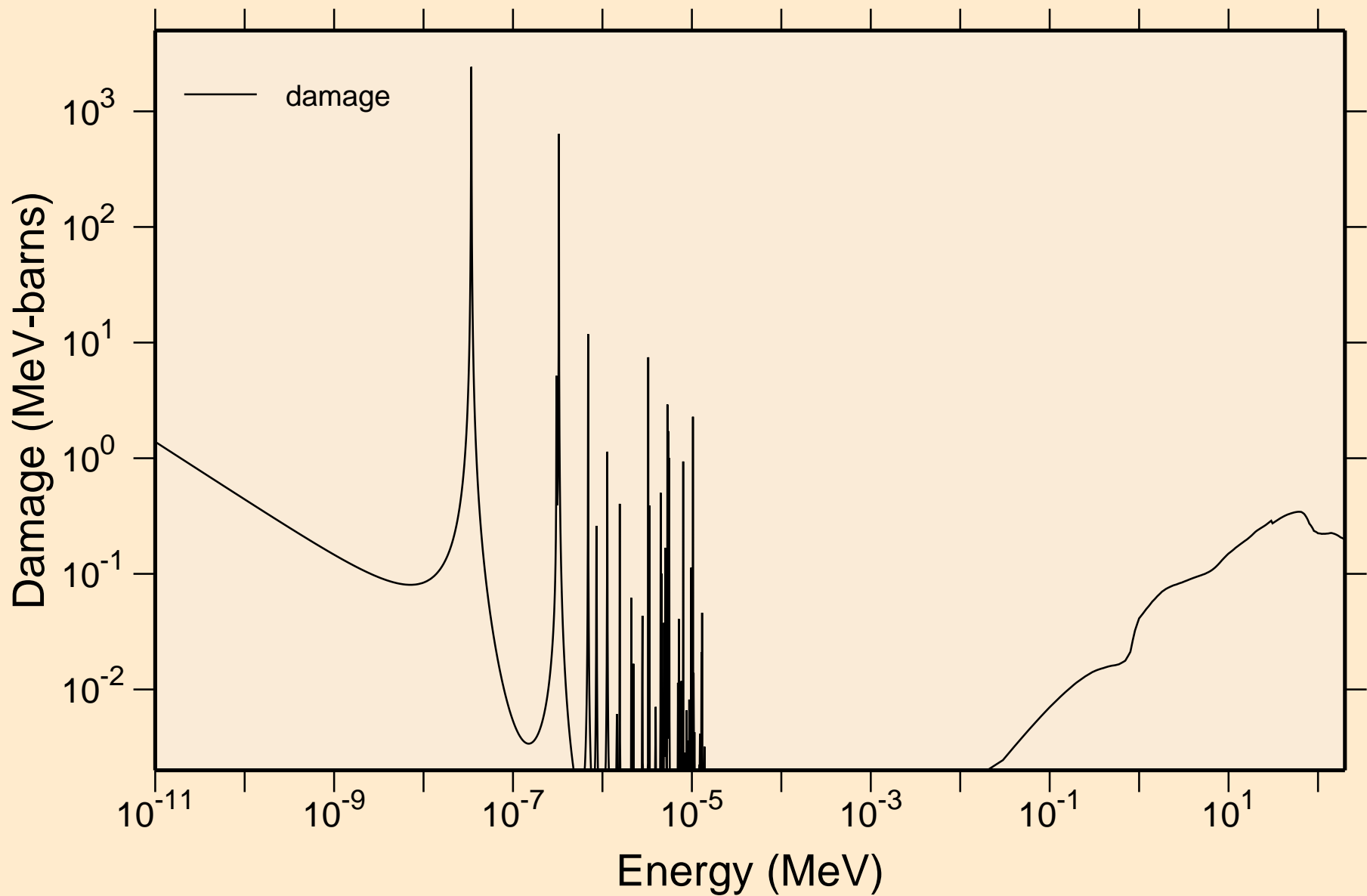
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



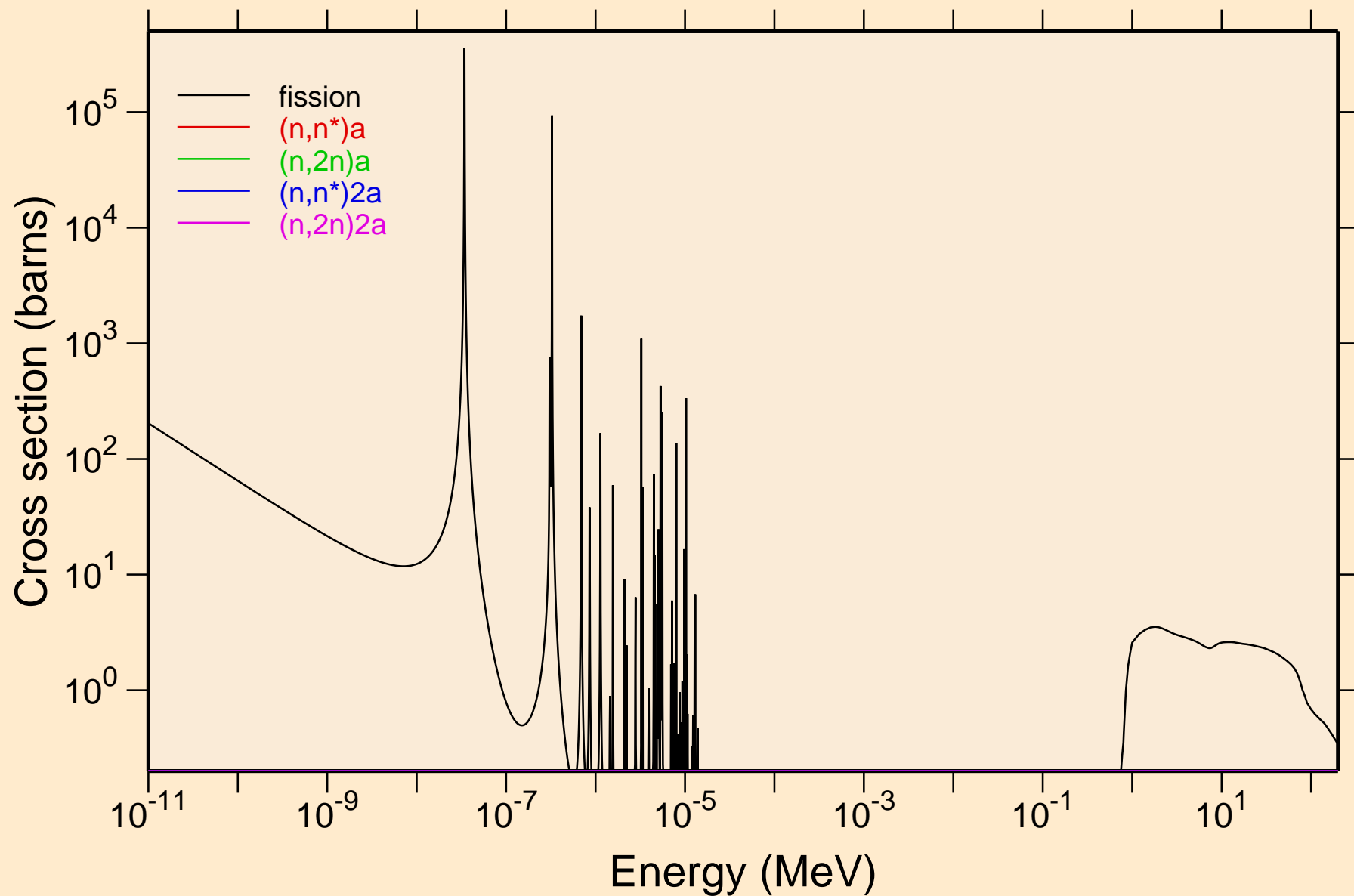
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



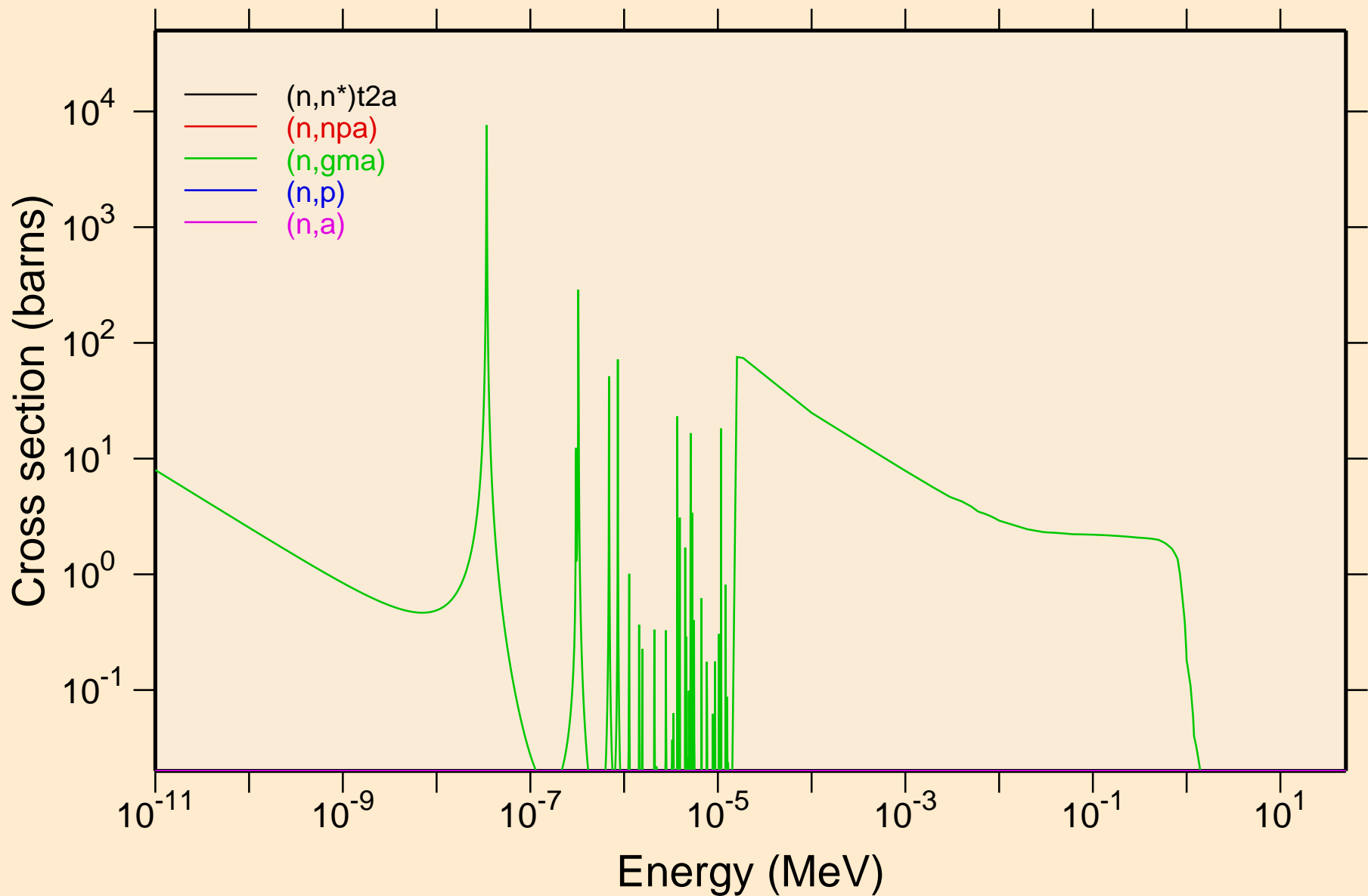
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



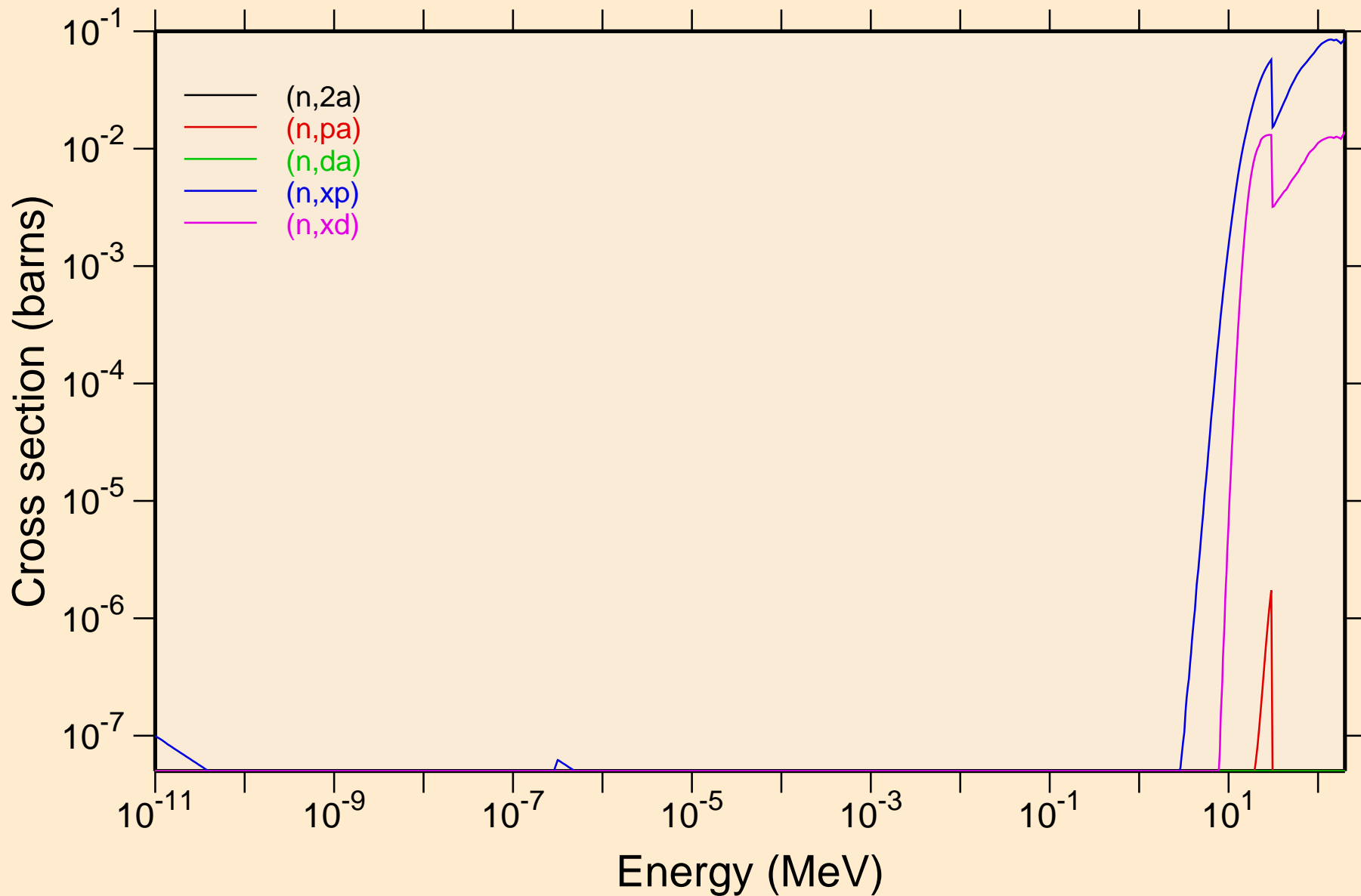
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

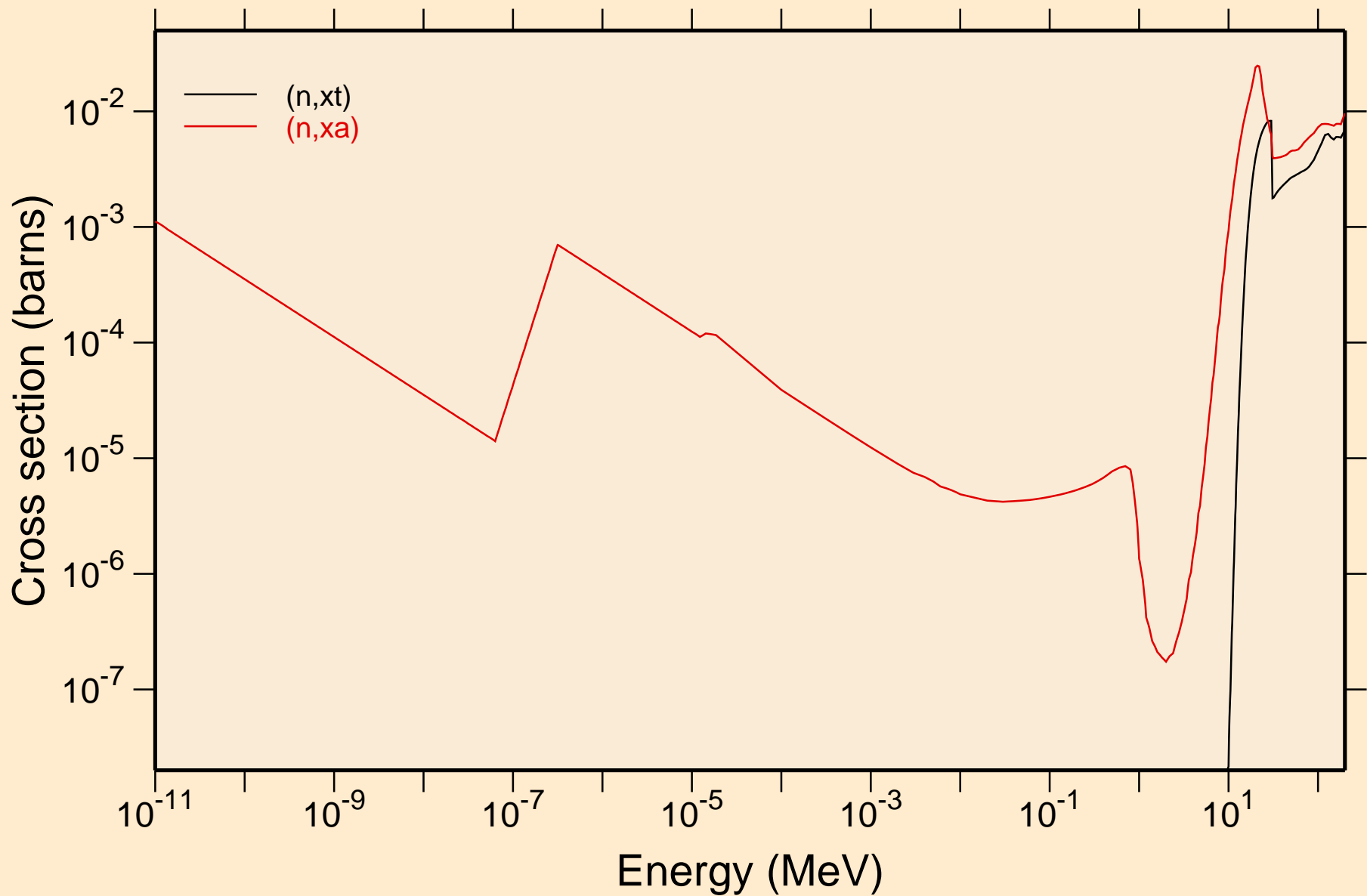


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



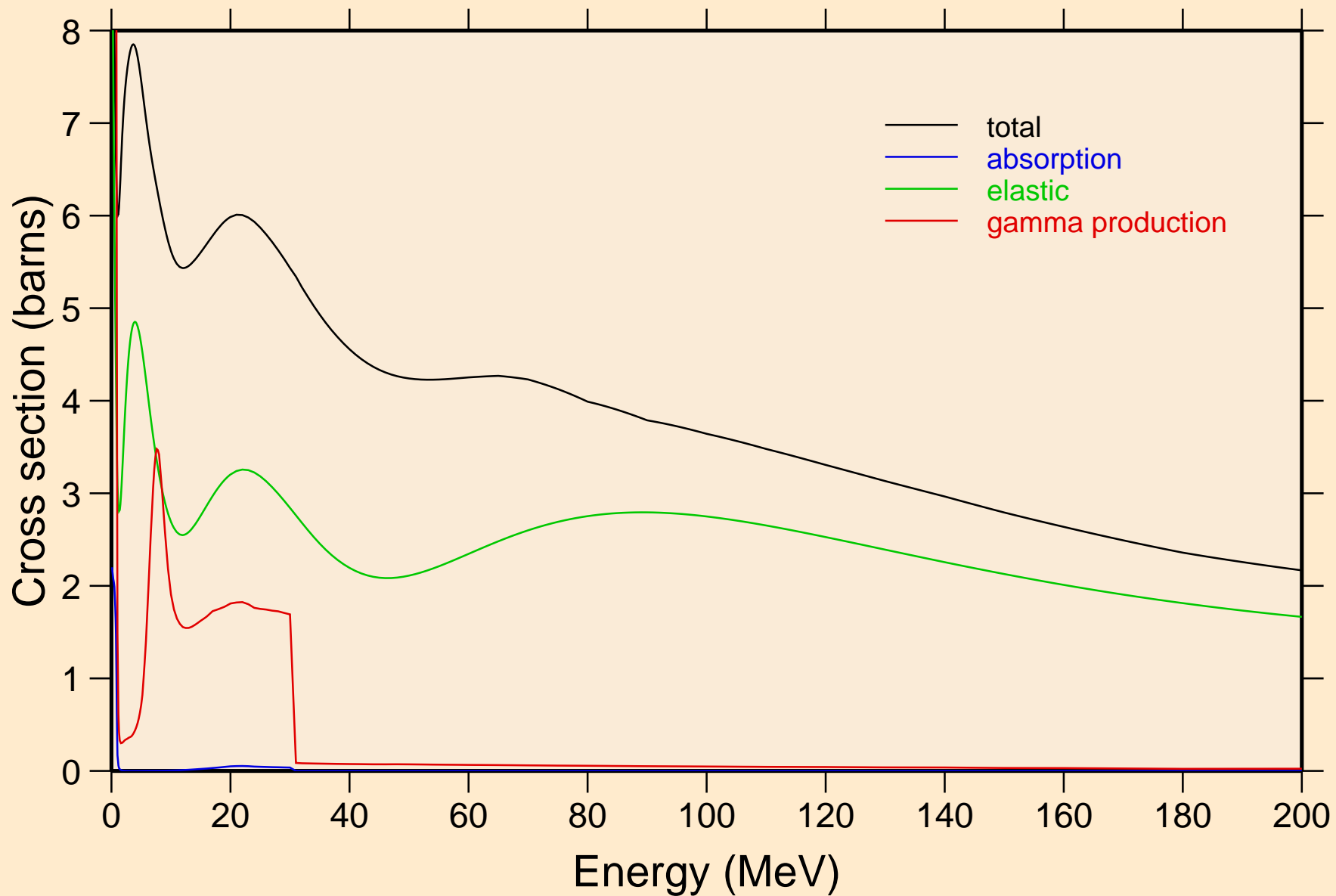


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

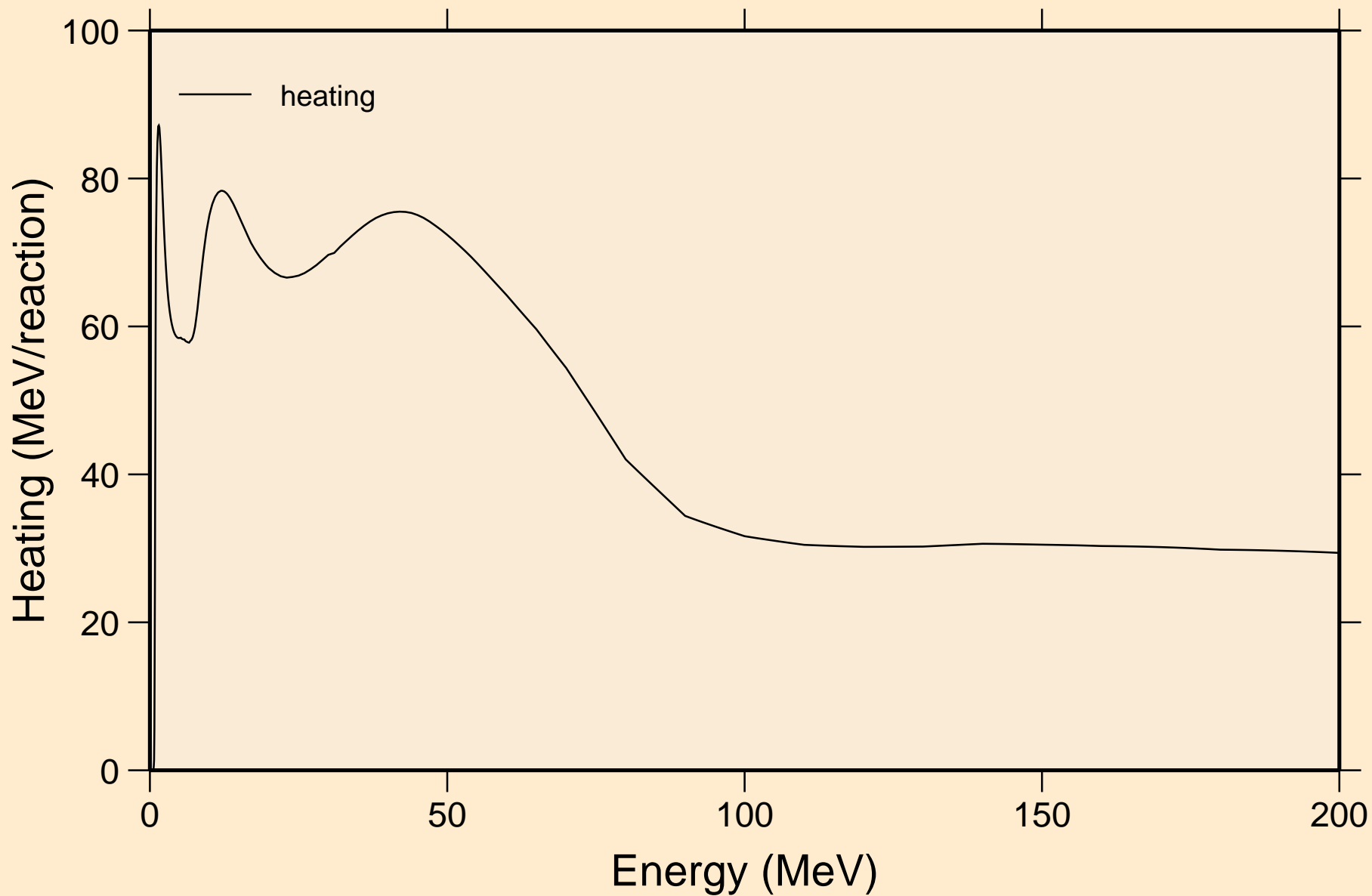


# PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

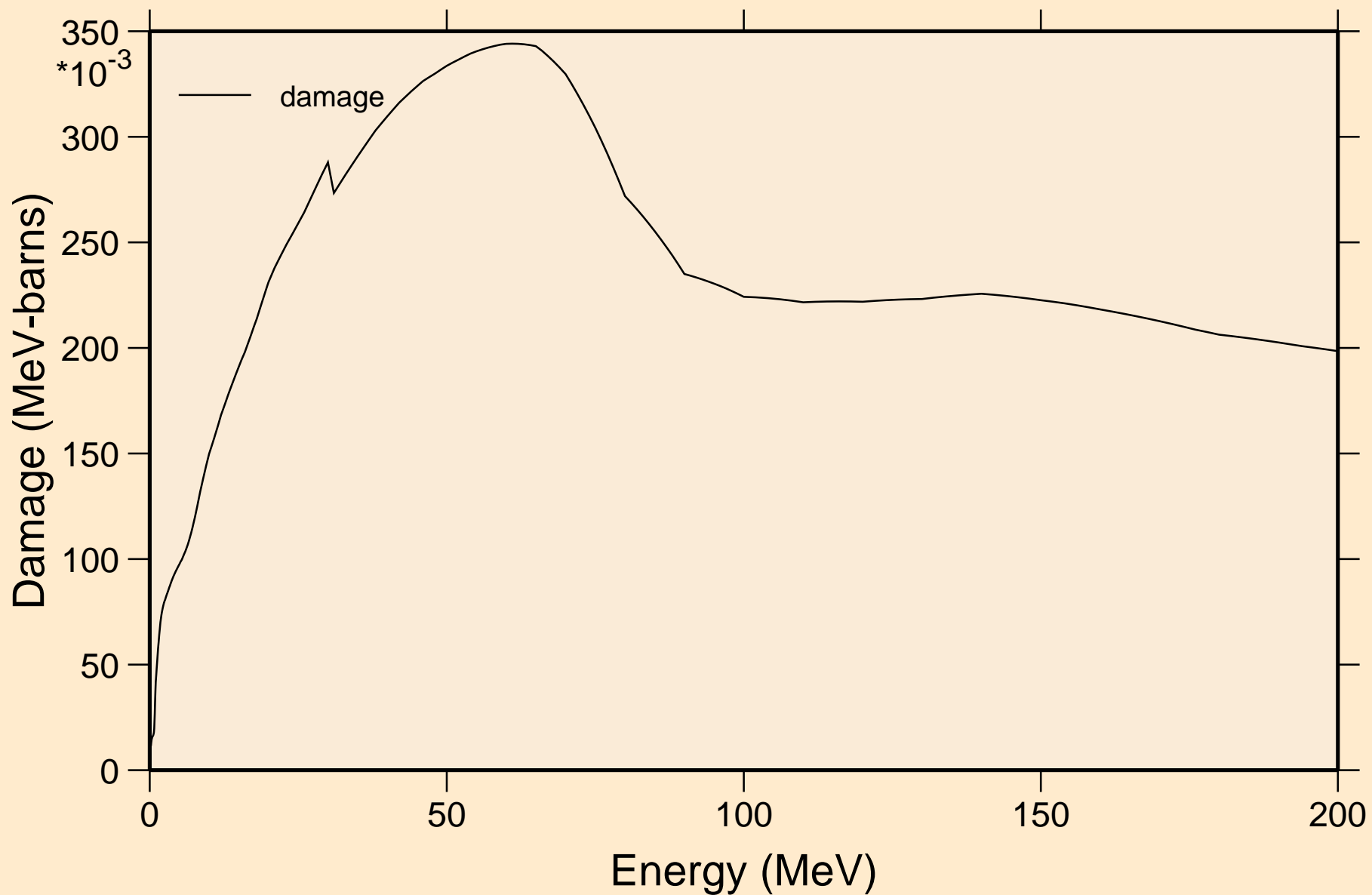
## Principal cross sections



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

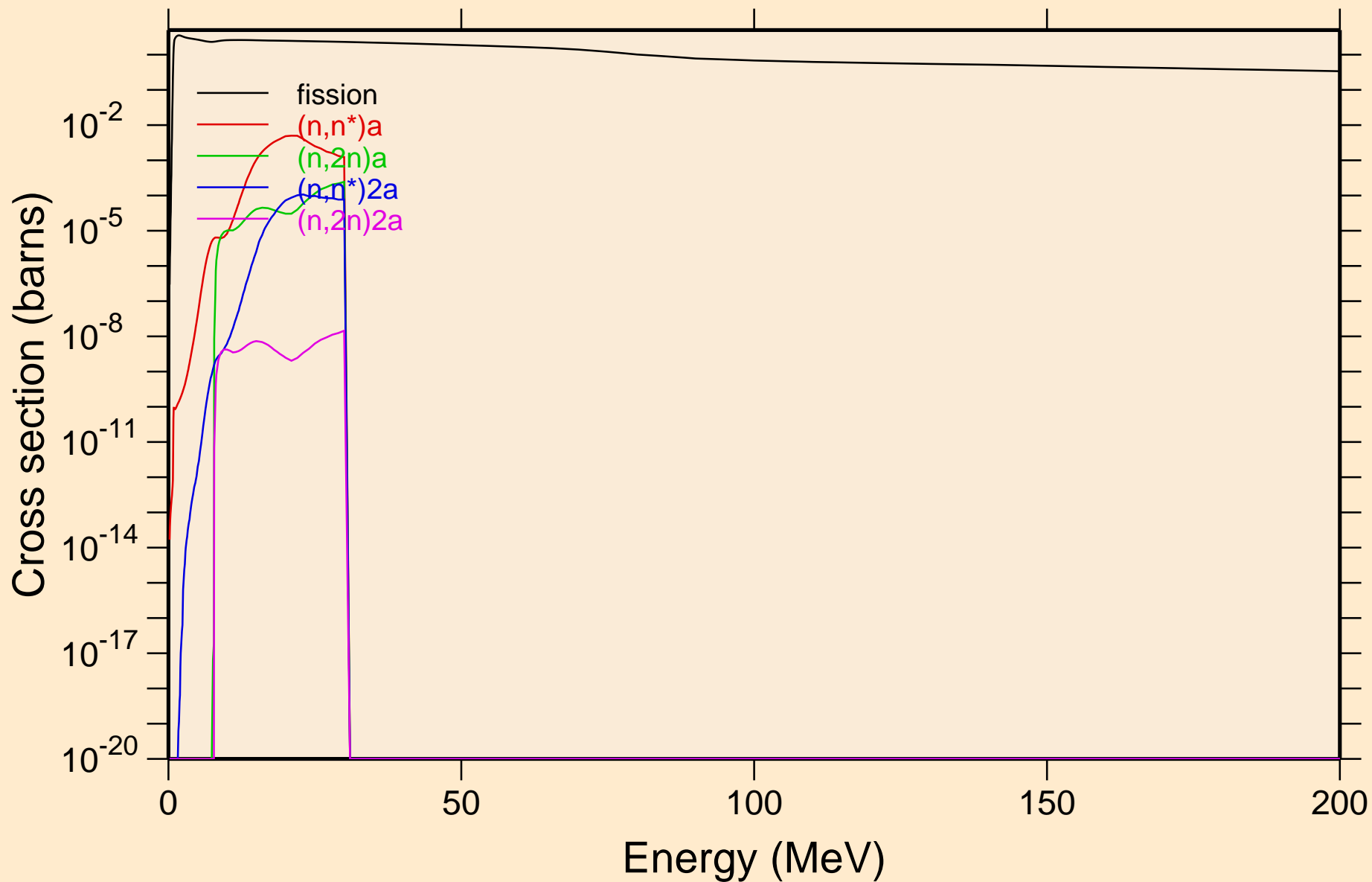


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

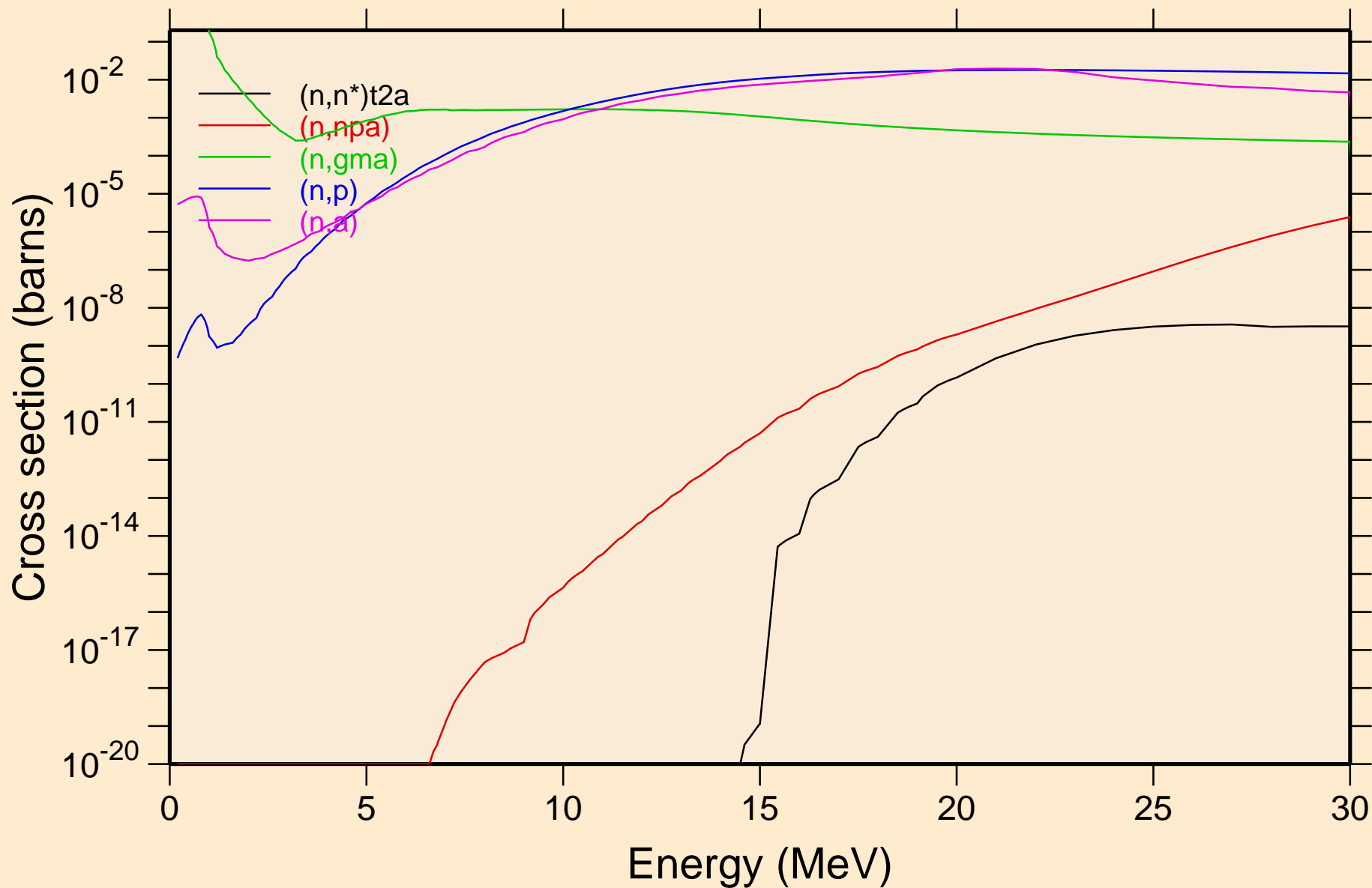


# PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

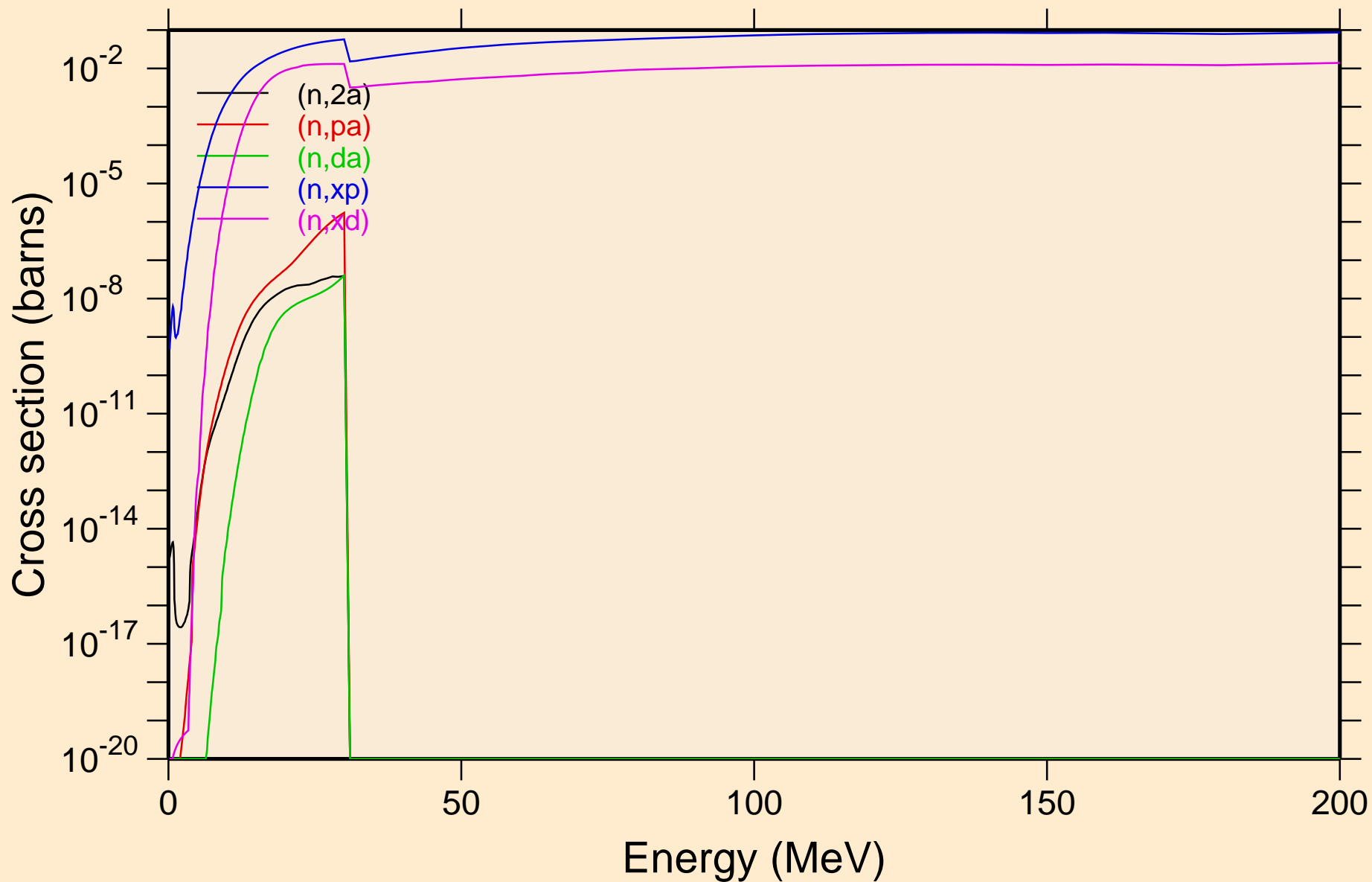
## Non-threshold reactions



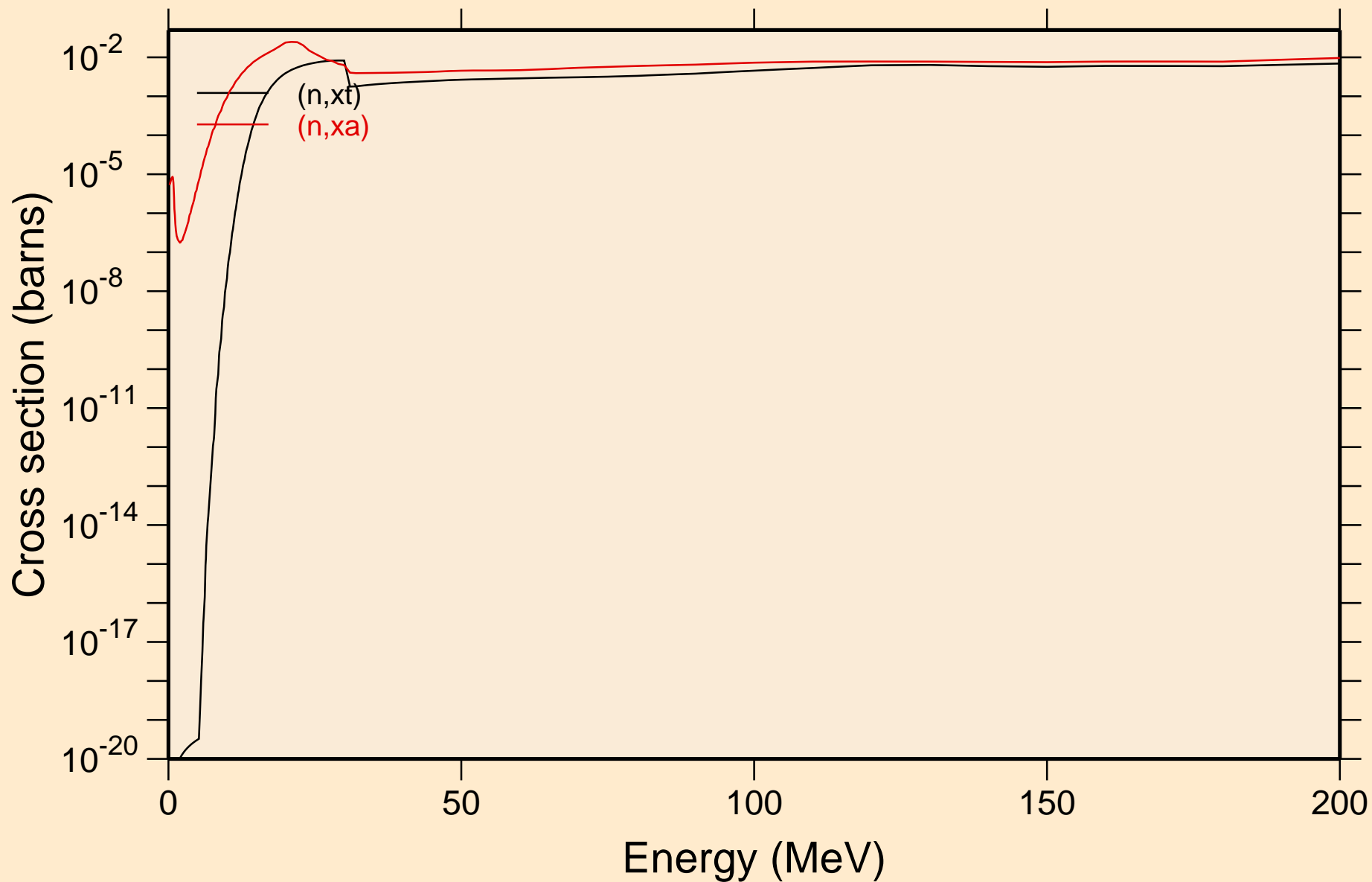
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

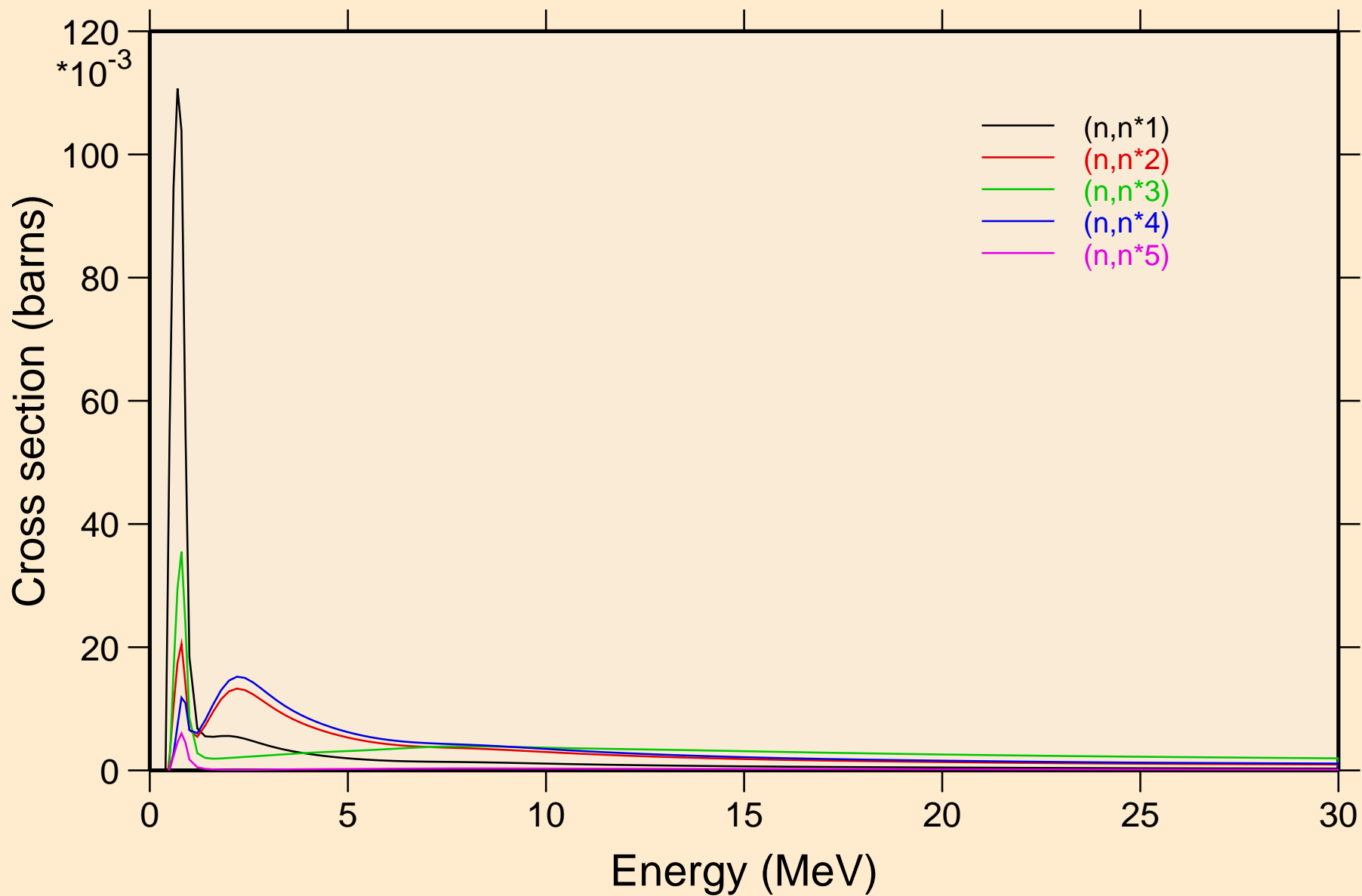


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

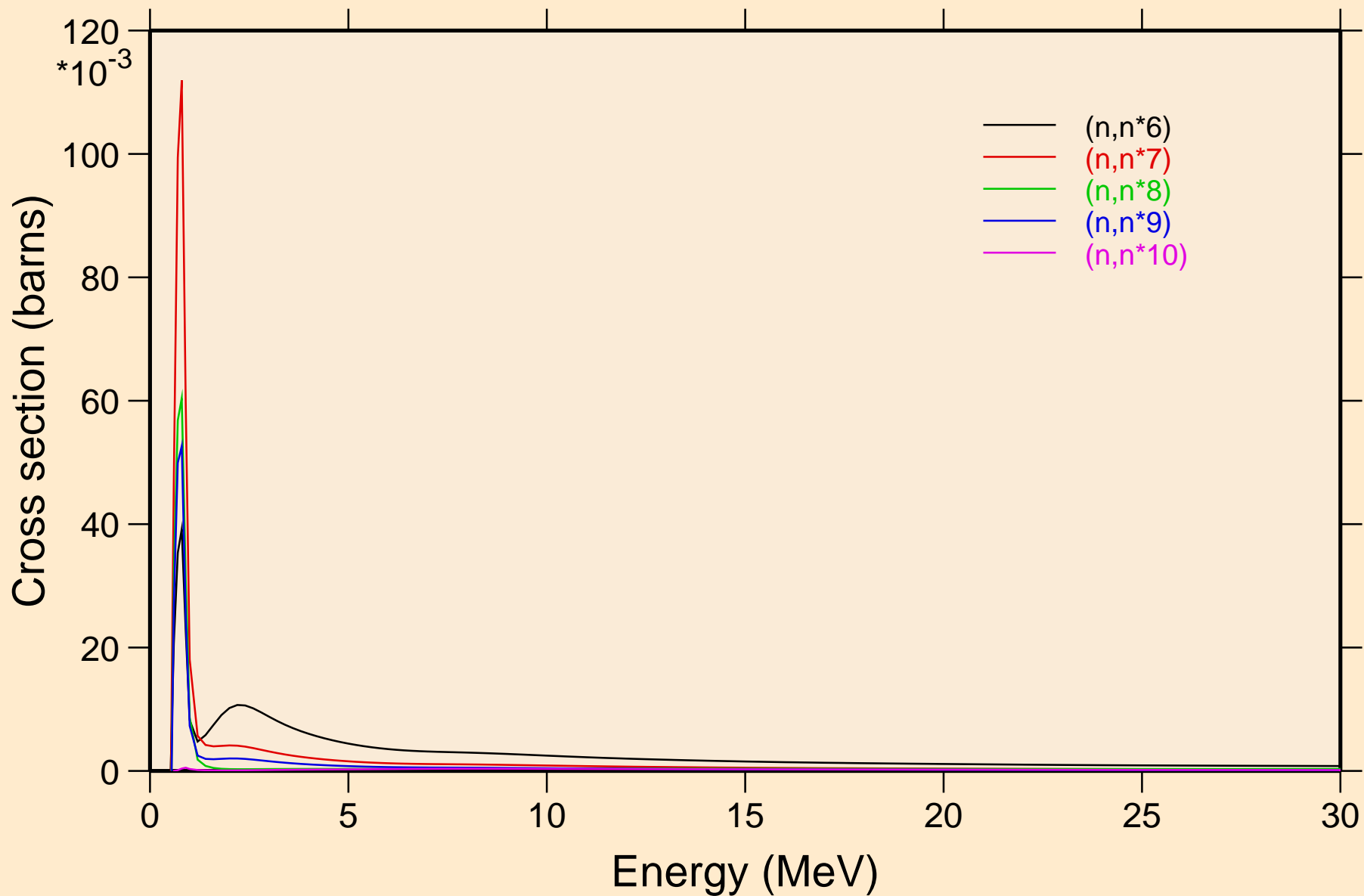




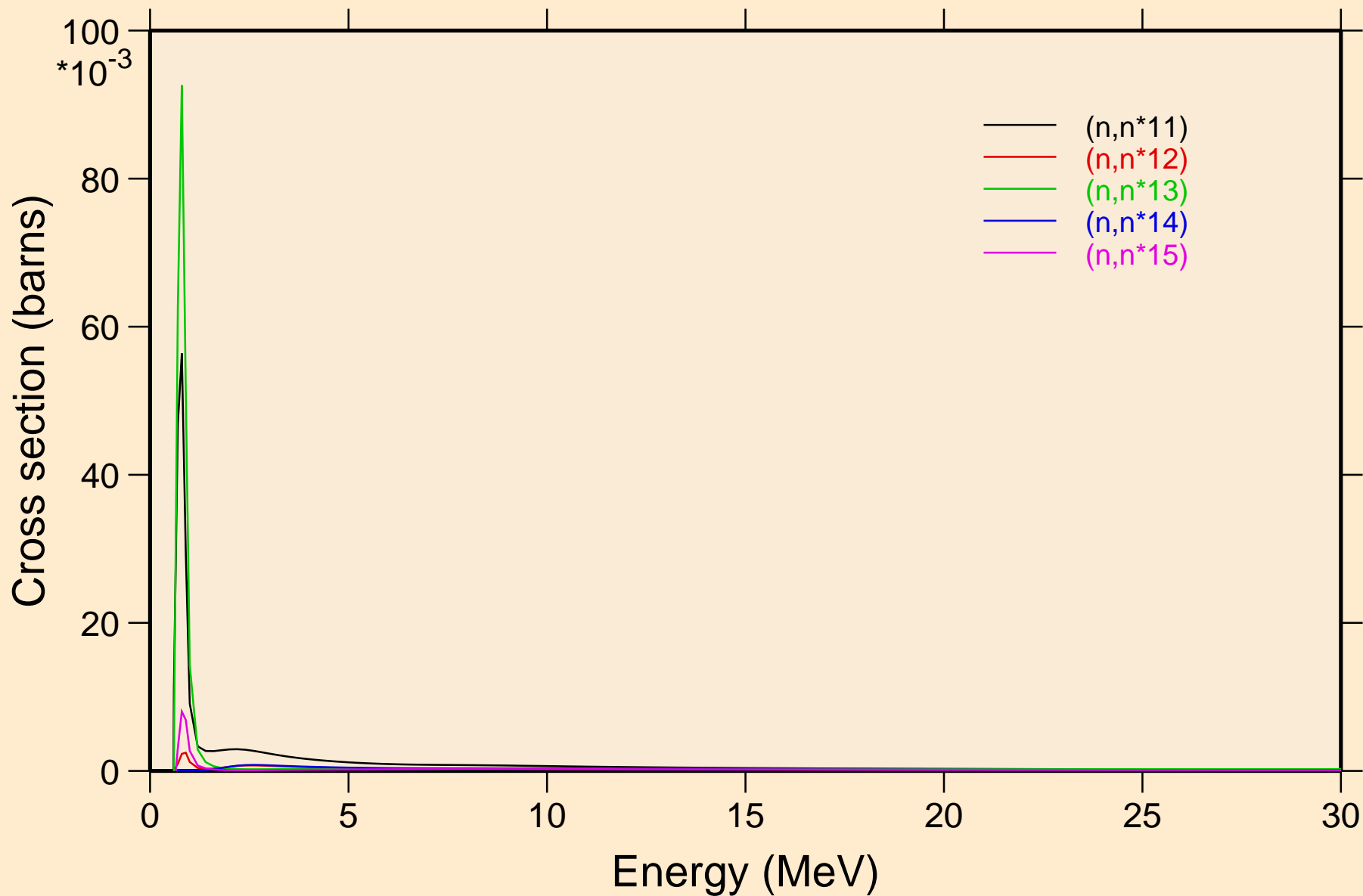
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



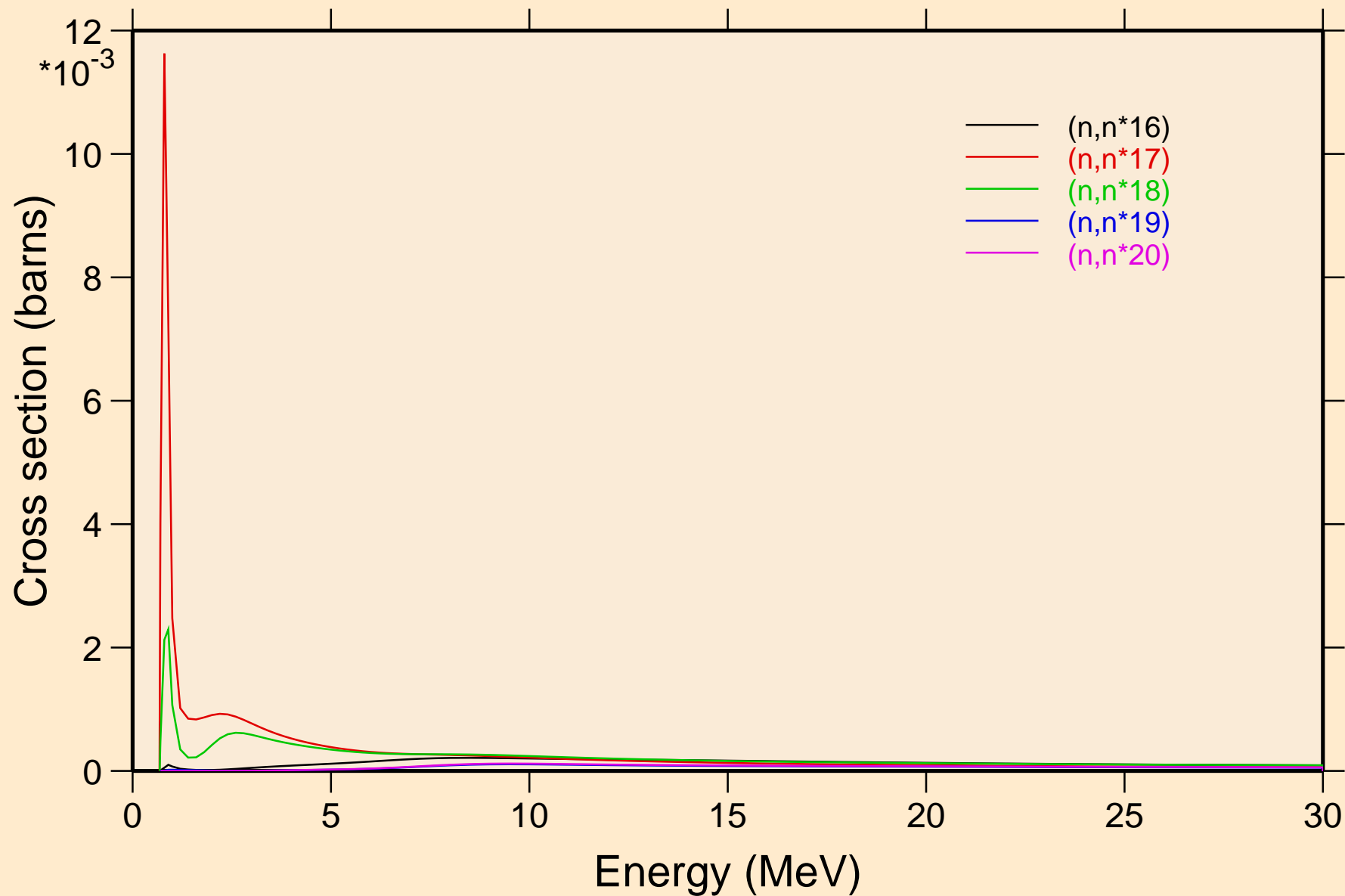
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



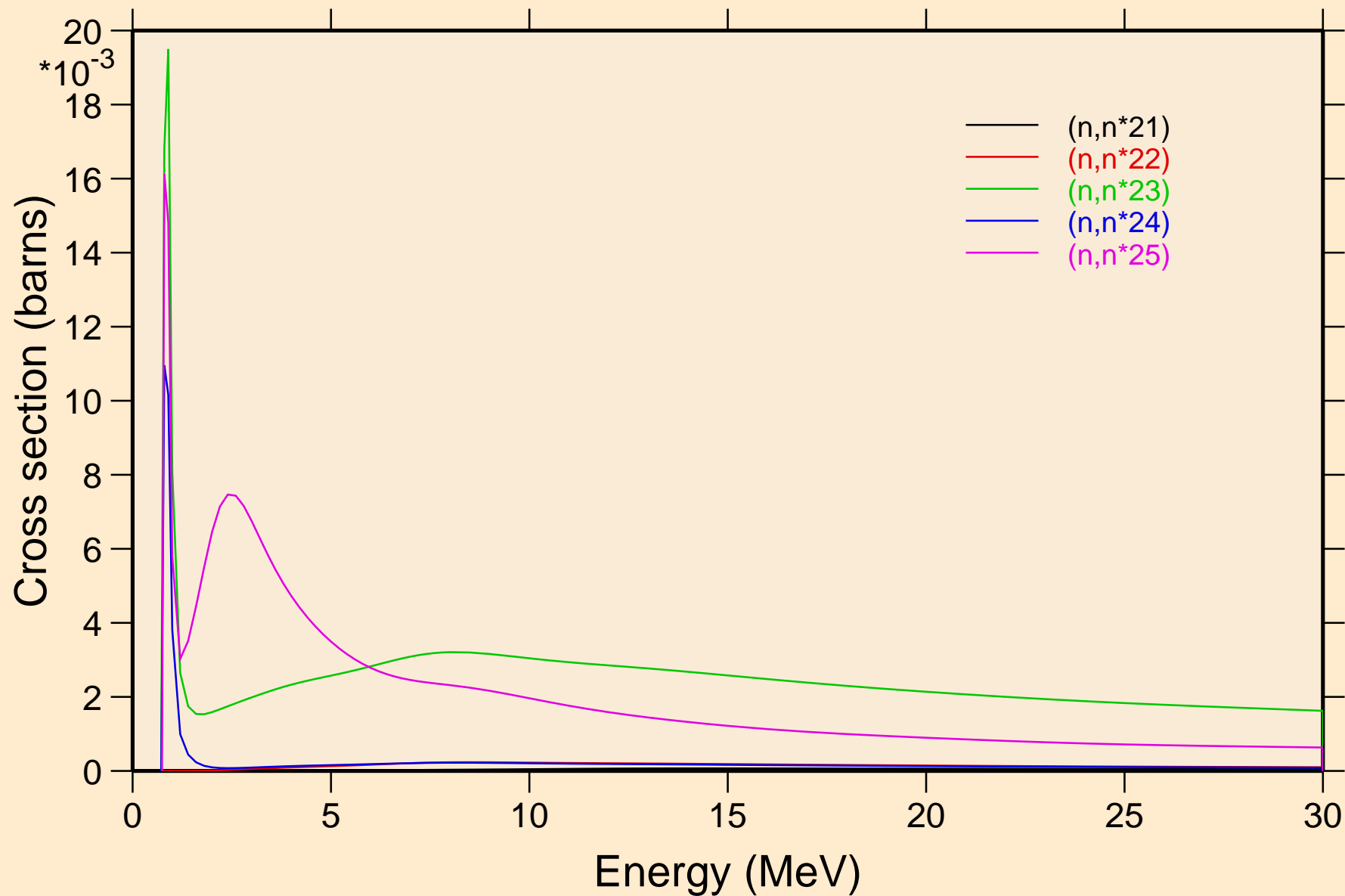
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



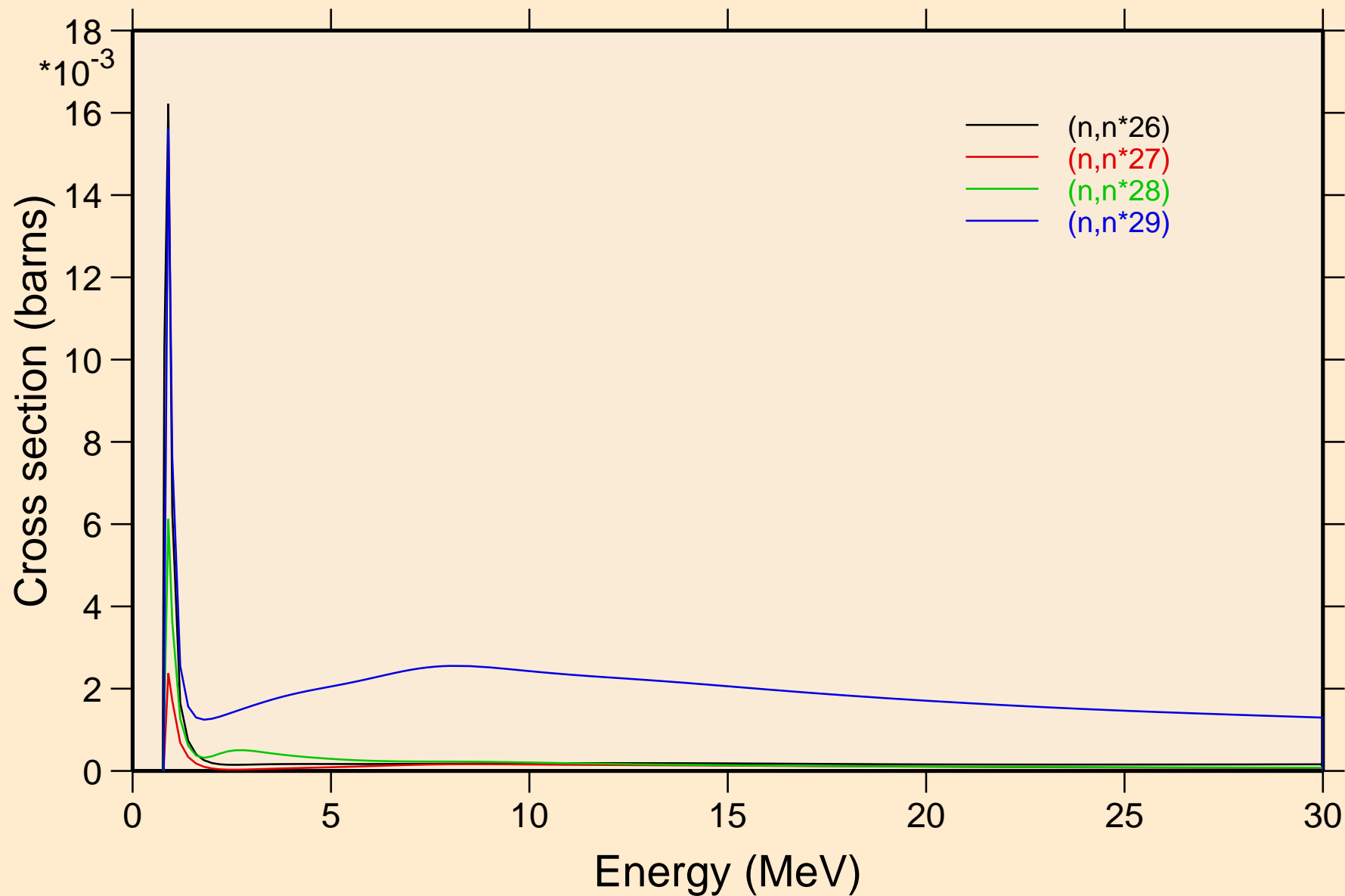
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

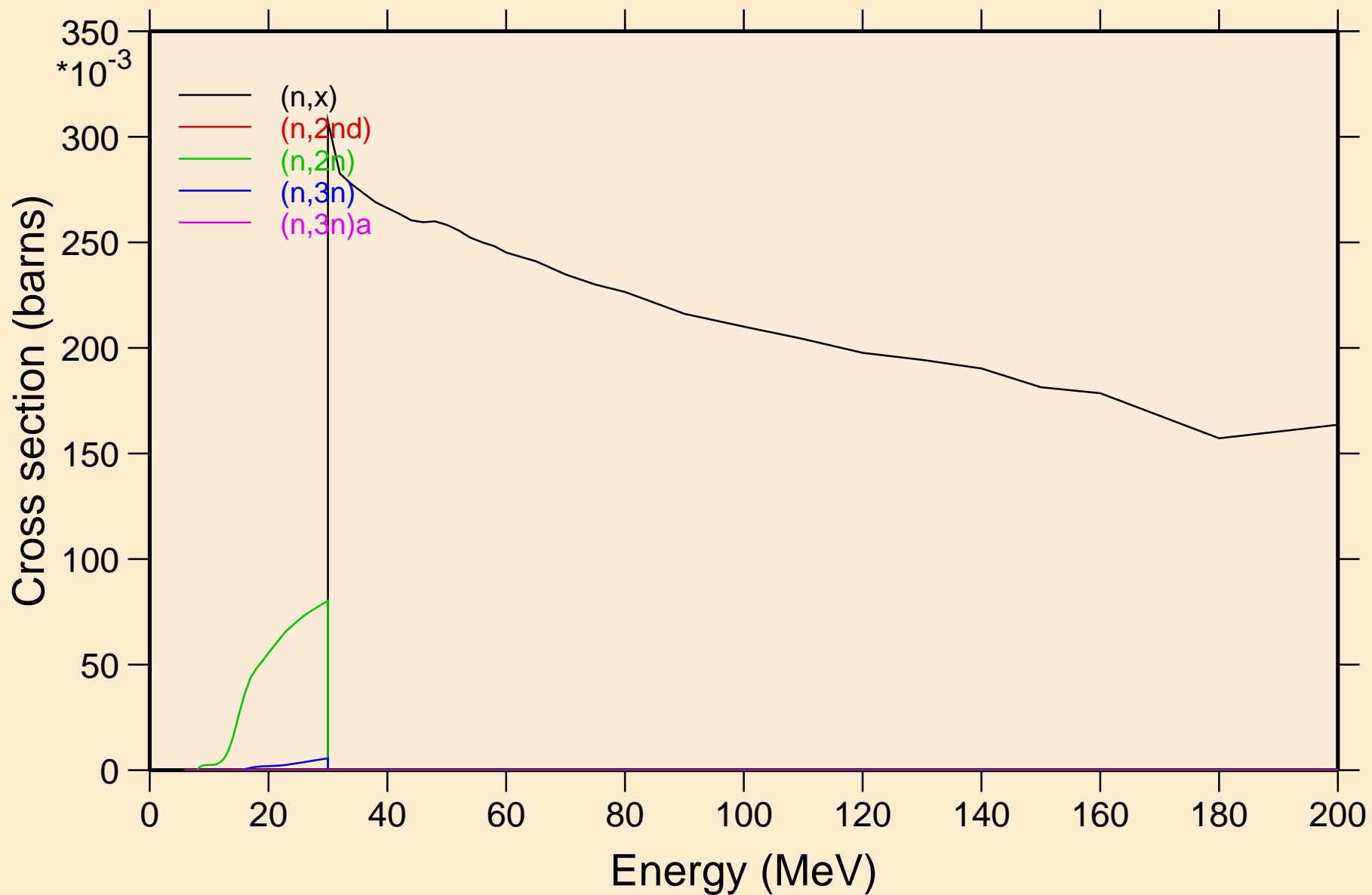


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

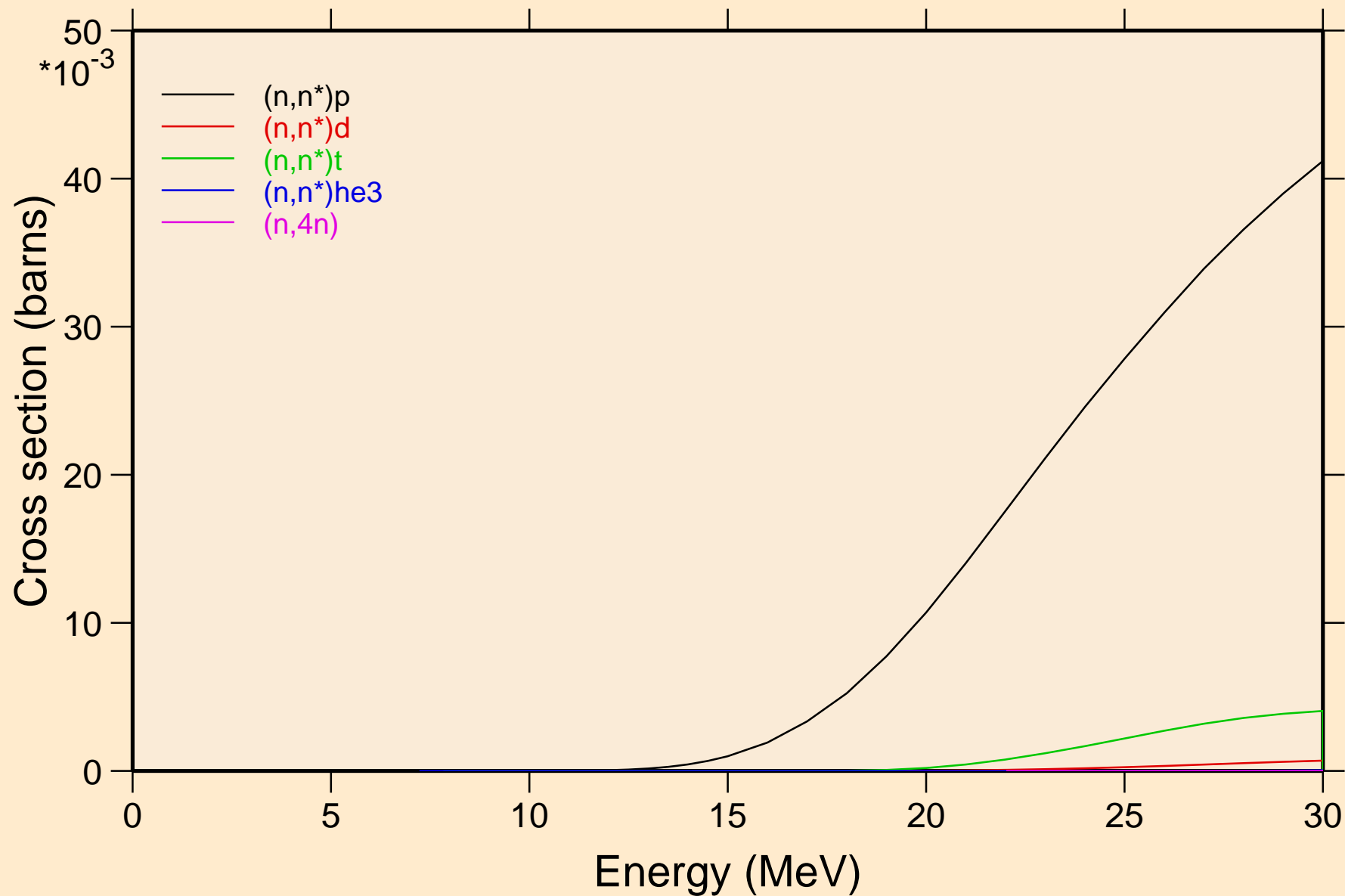


# PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

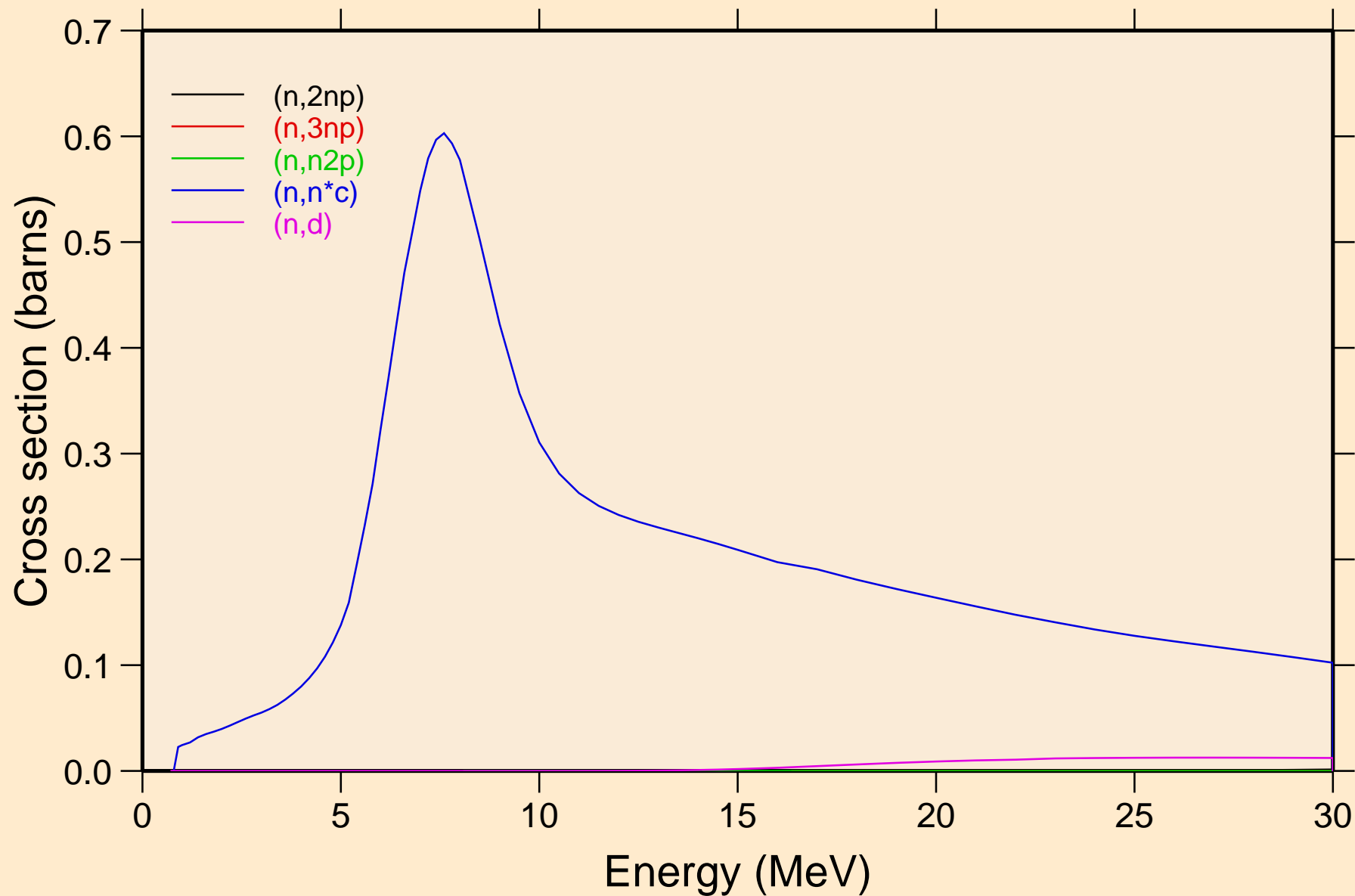


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

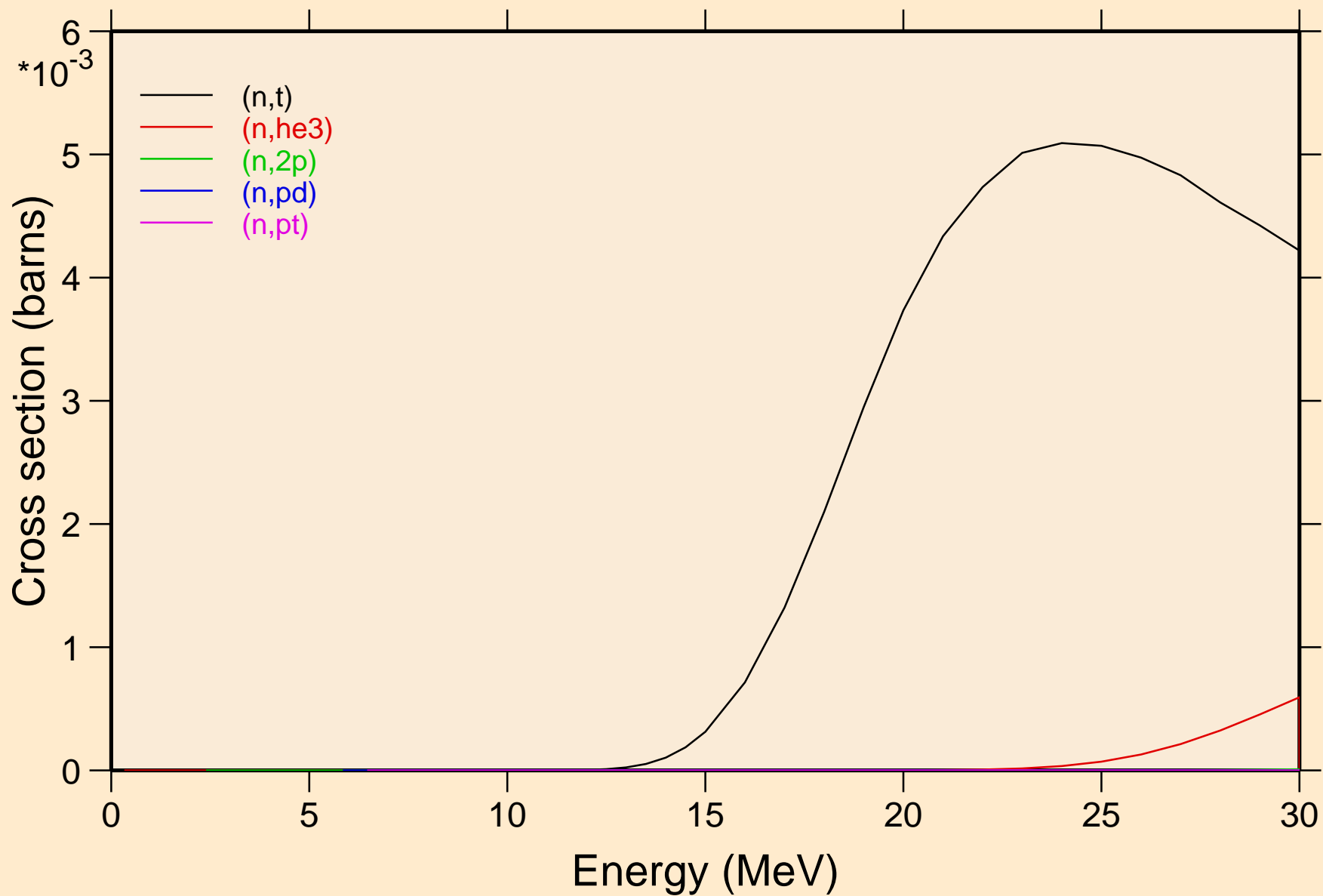




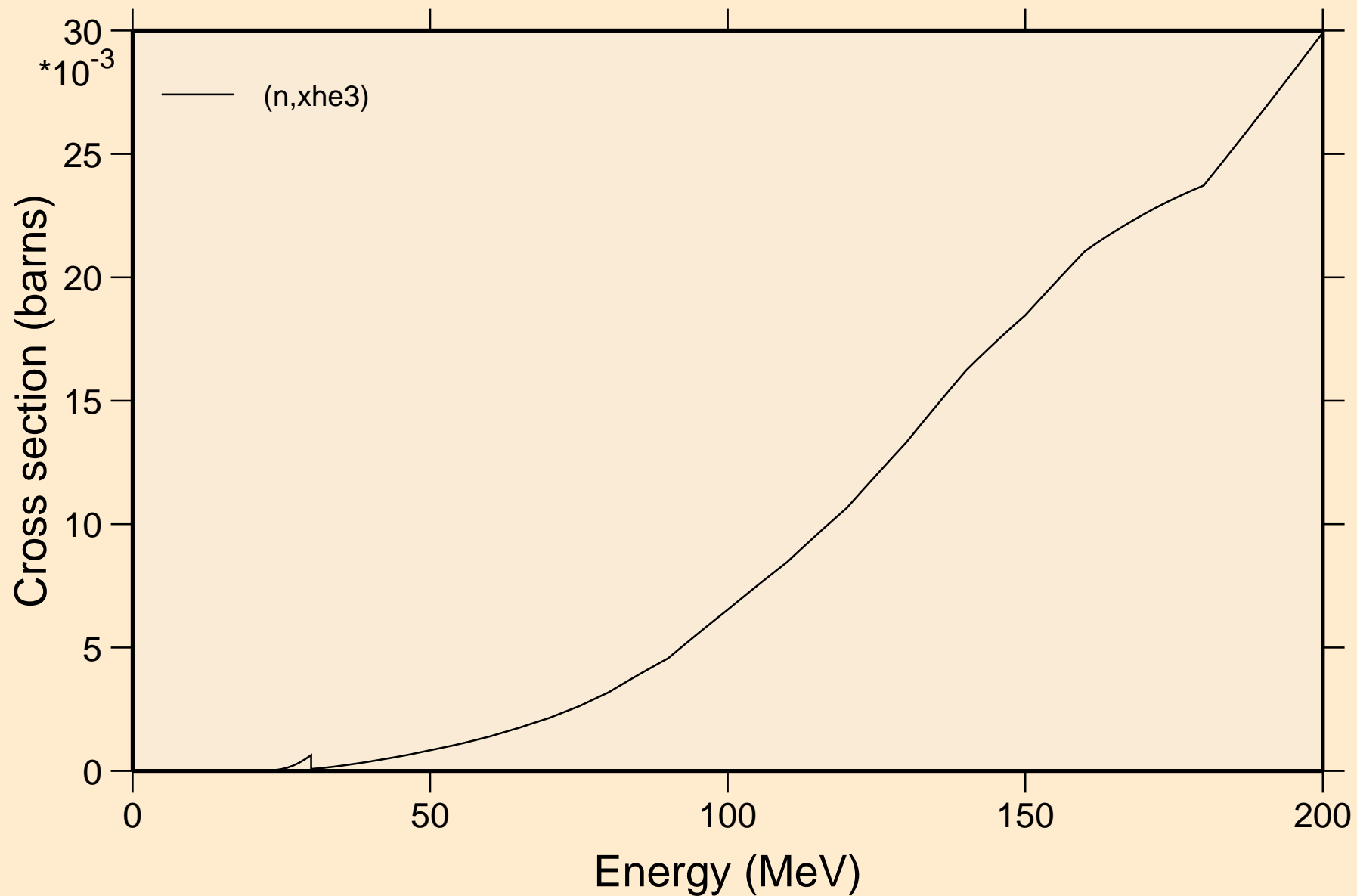
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



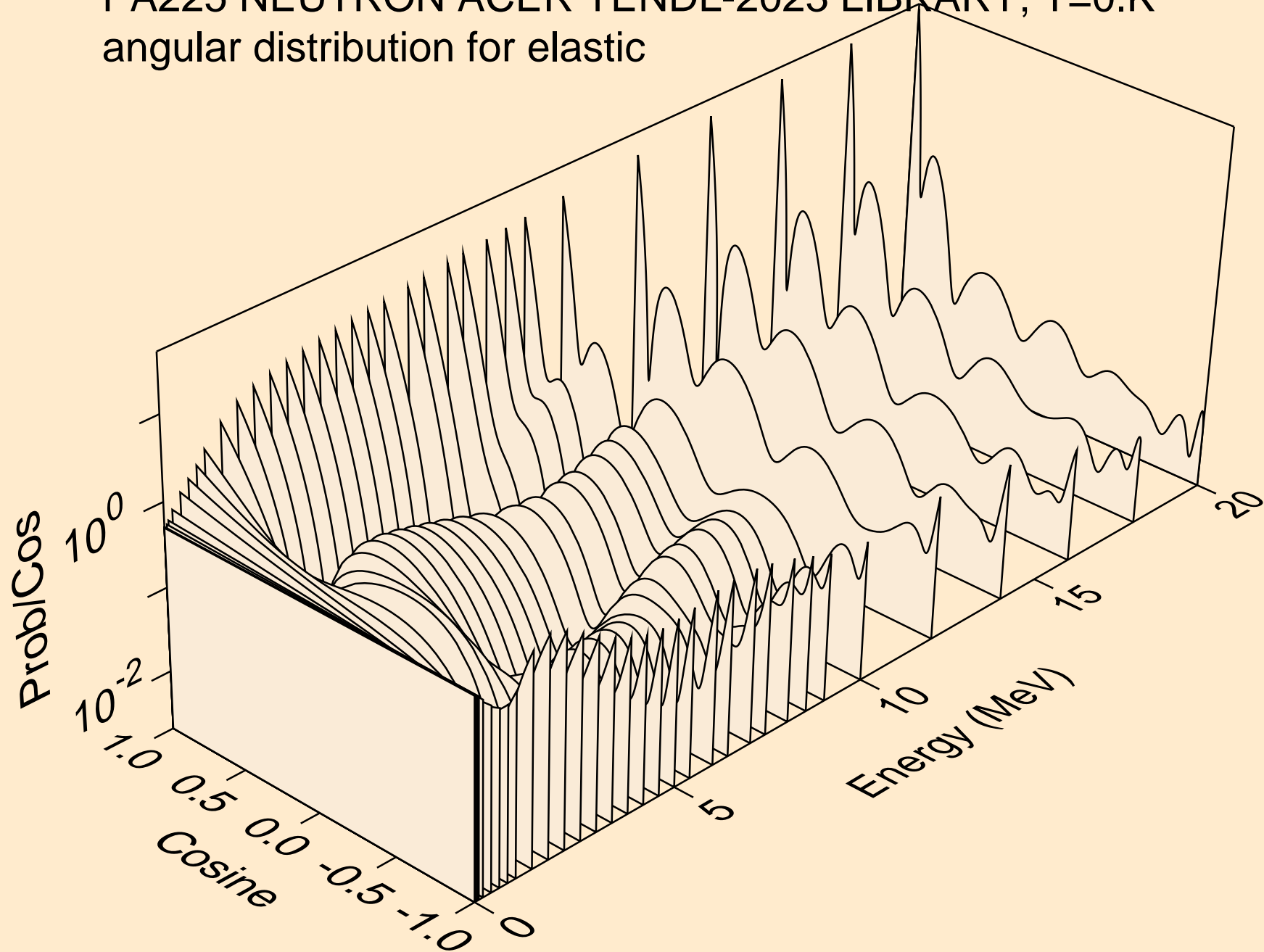
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



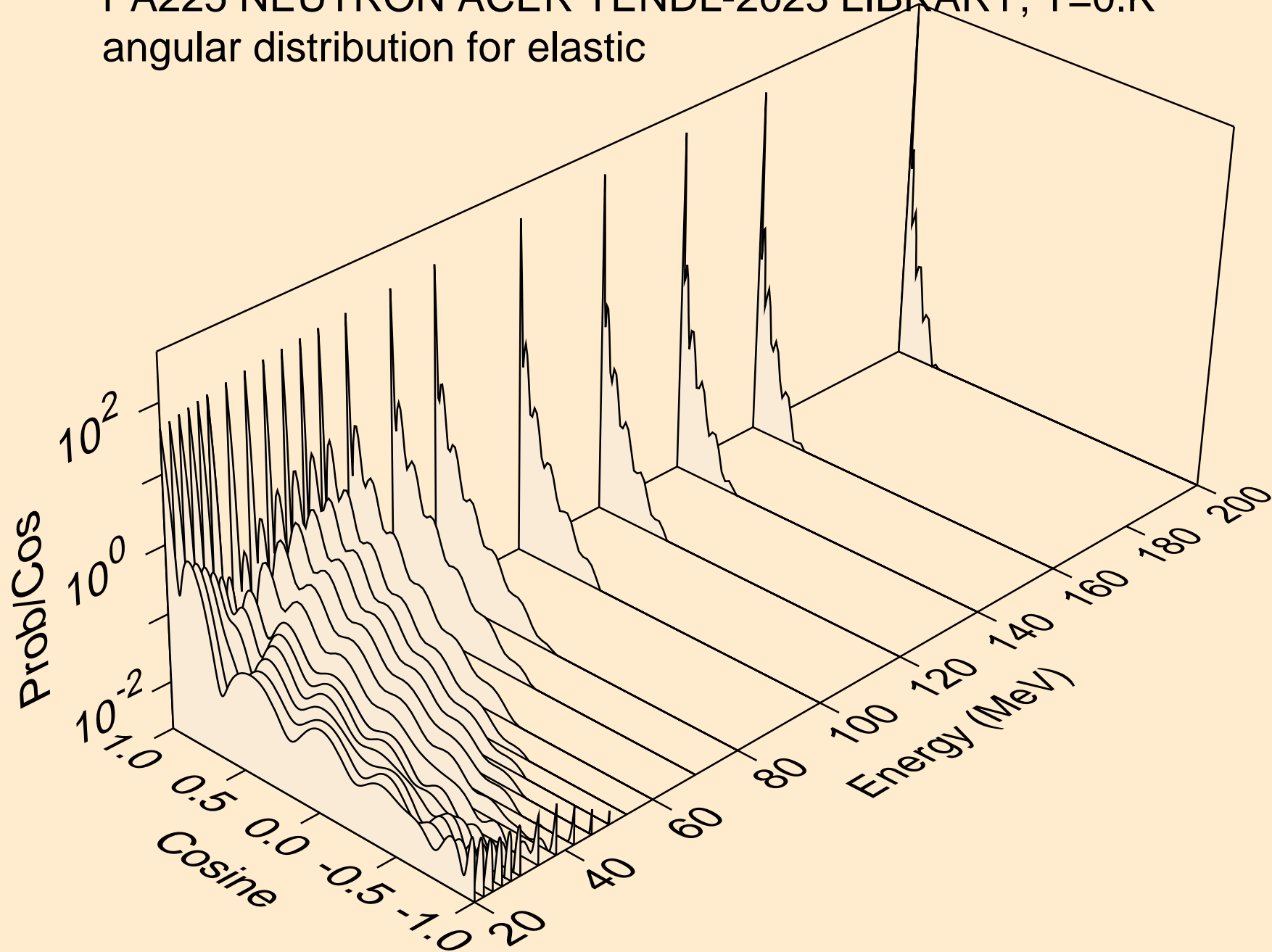
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



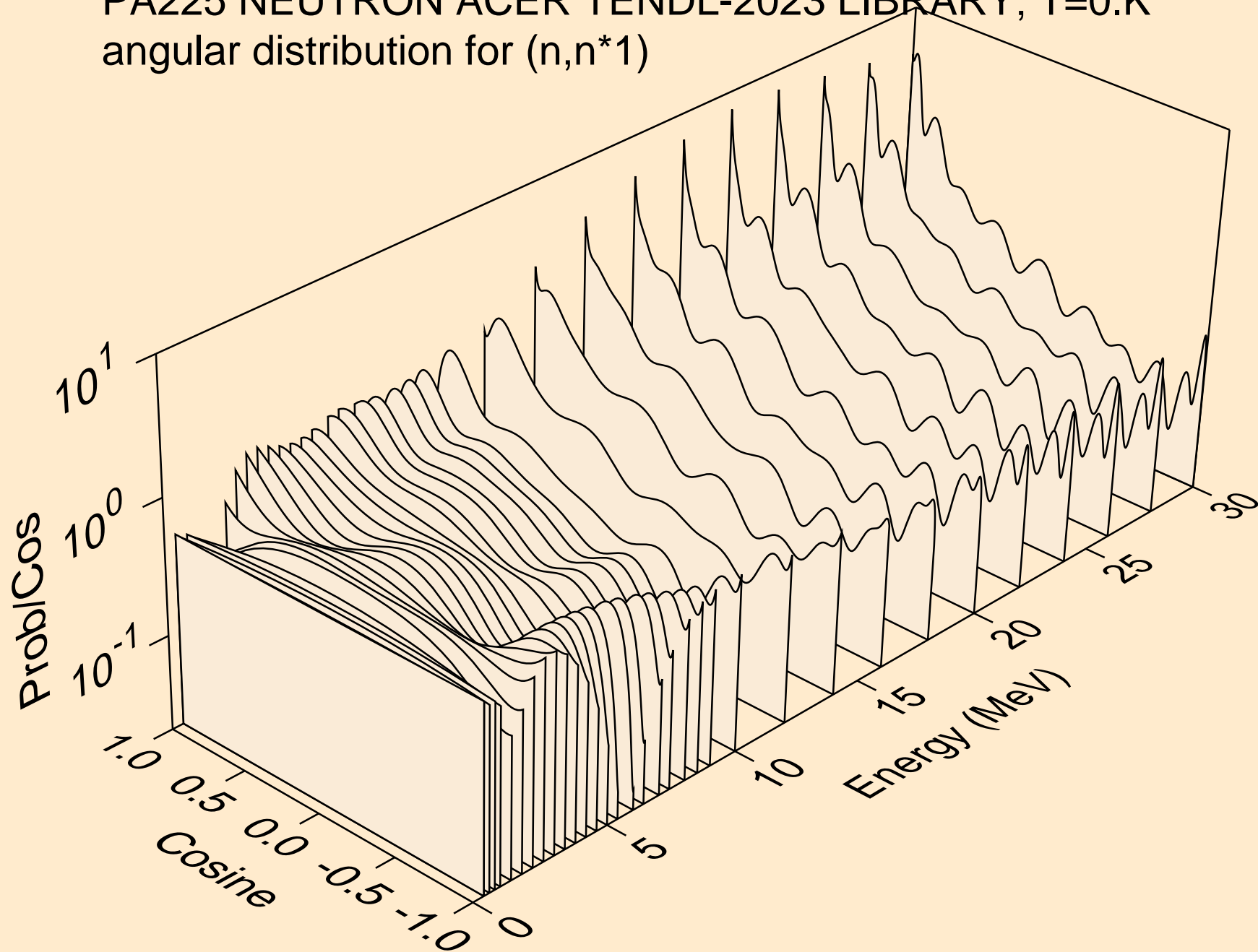
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



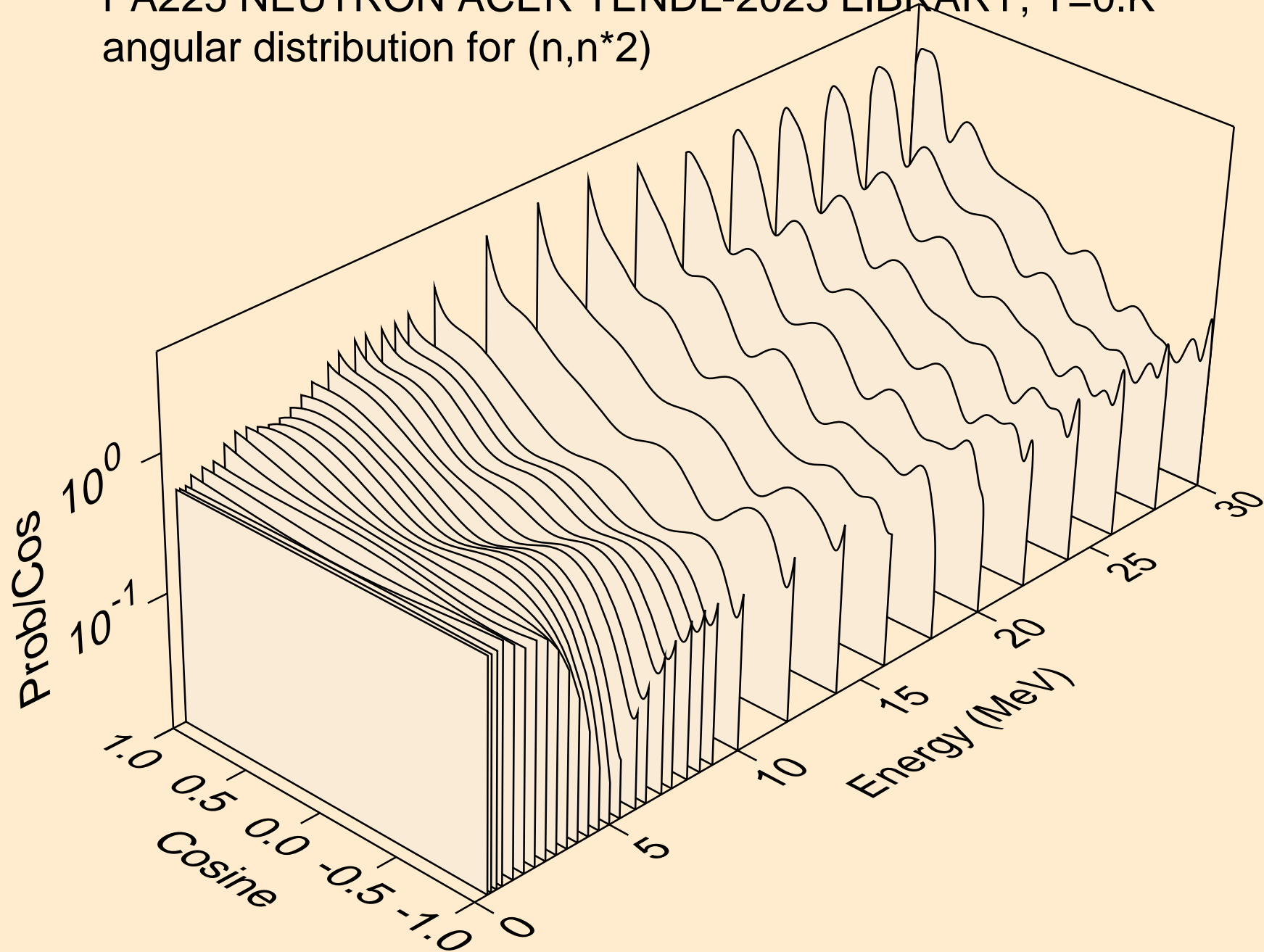
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



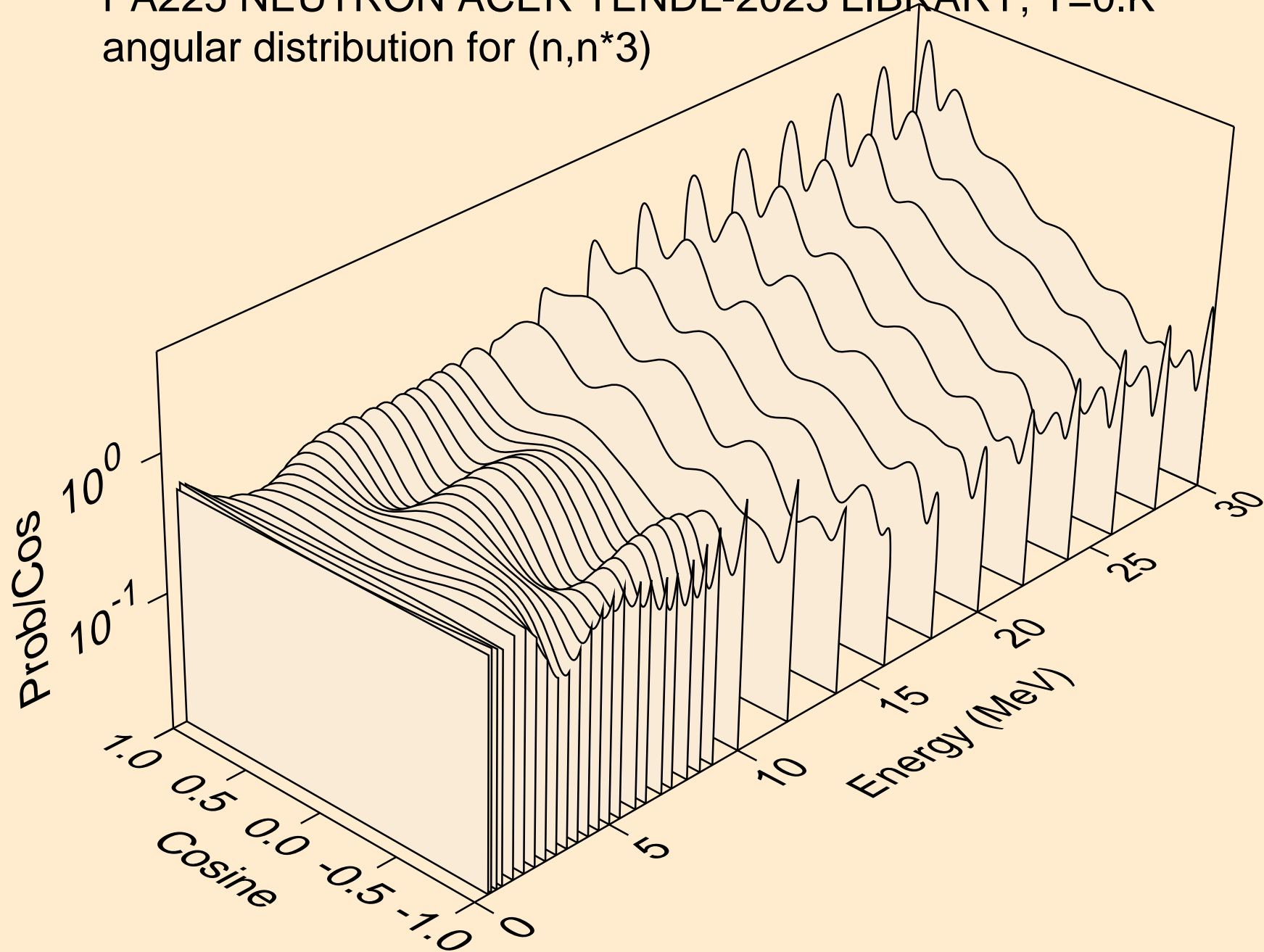
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

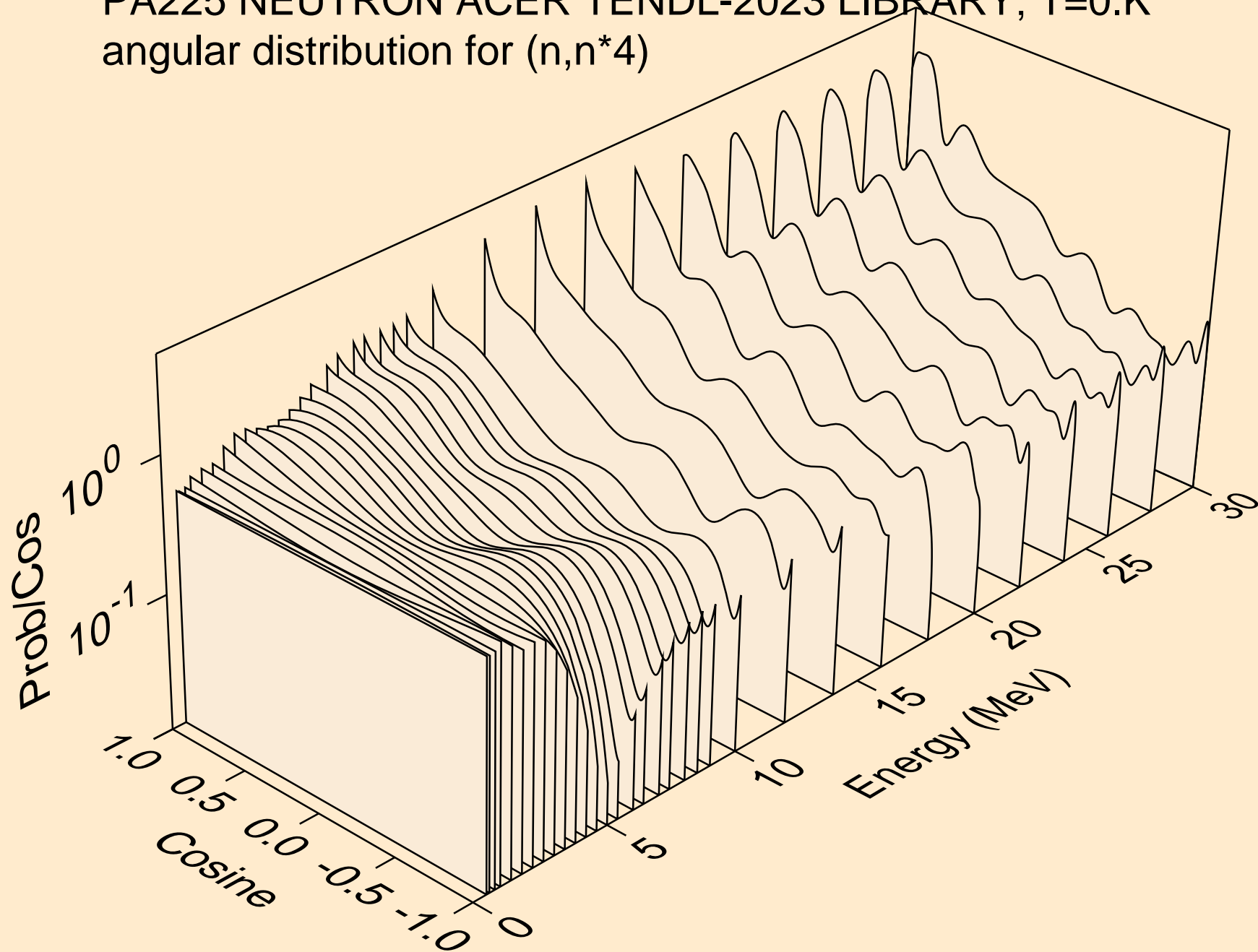


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

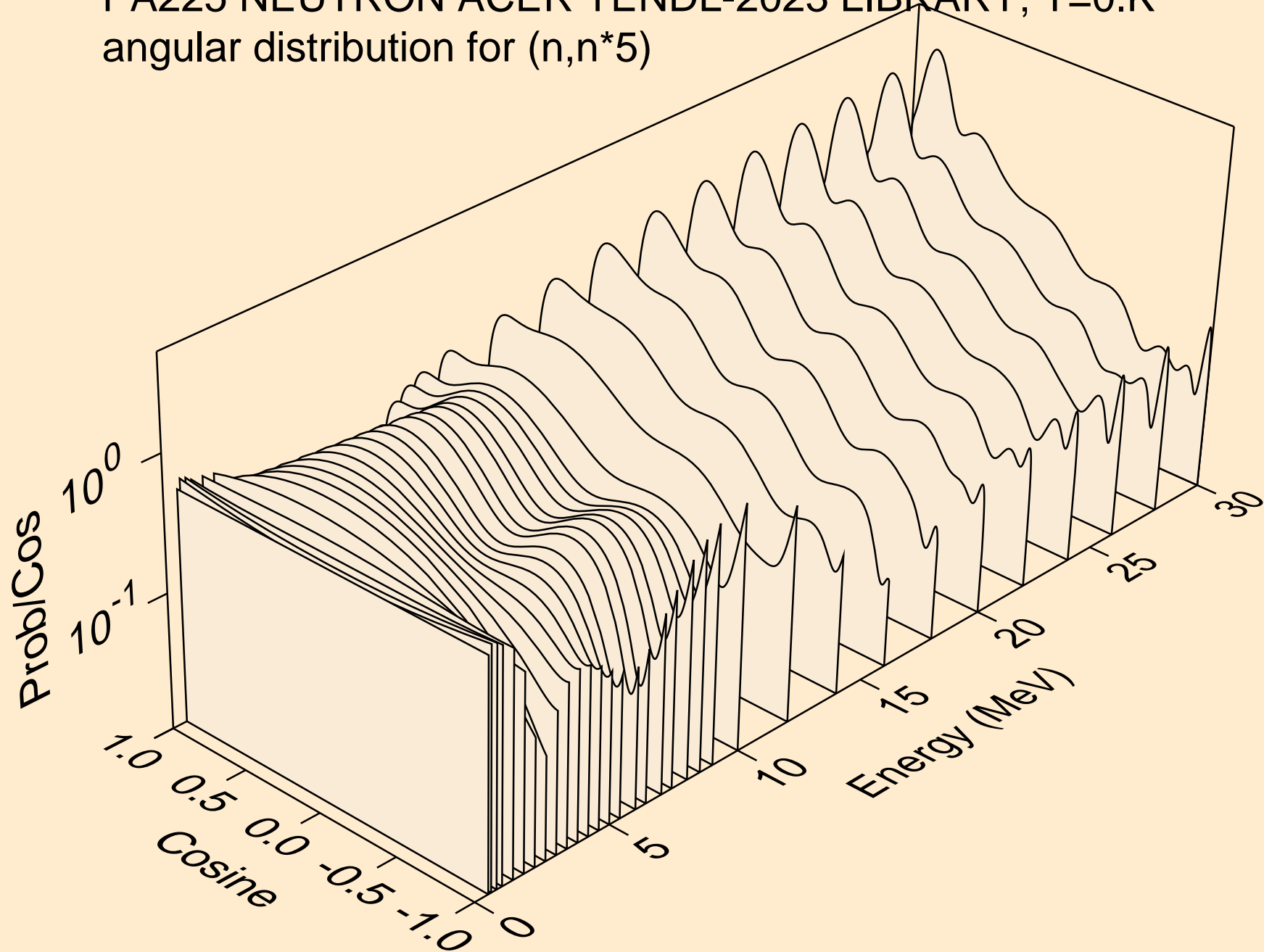




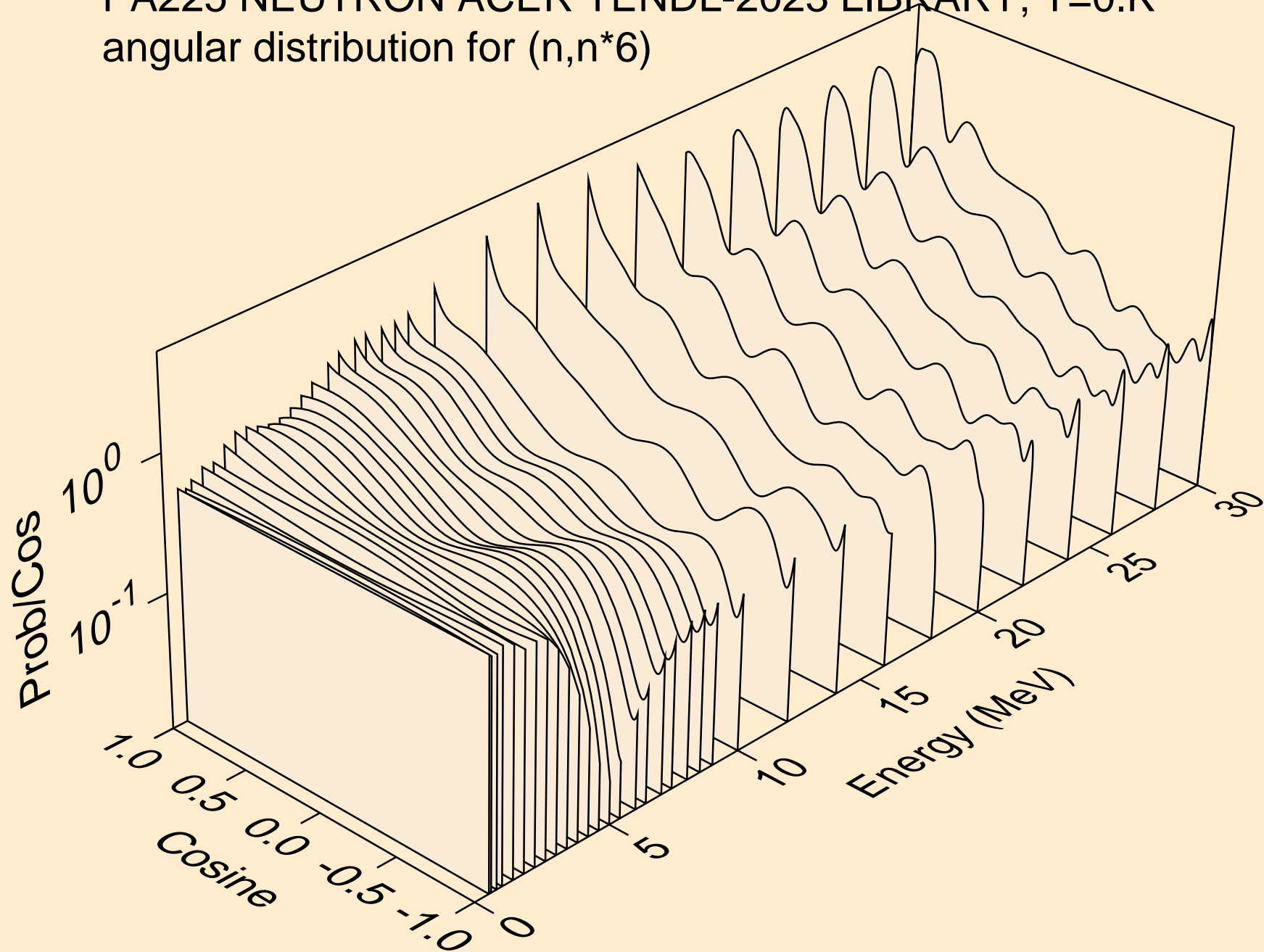
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



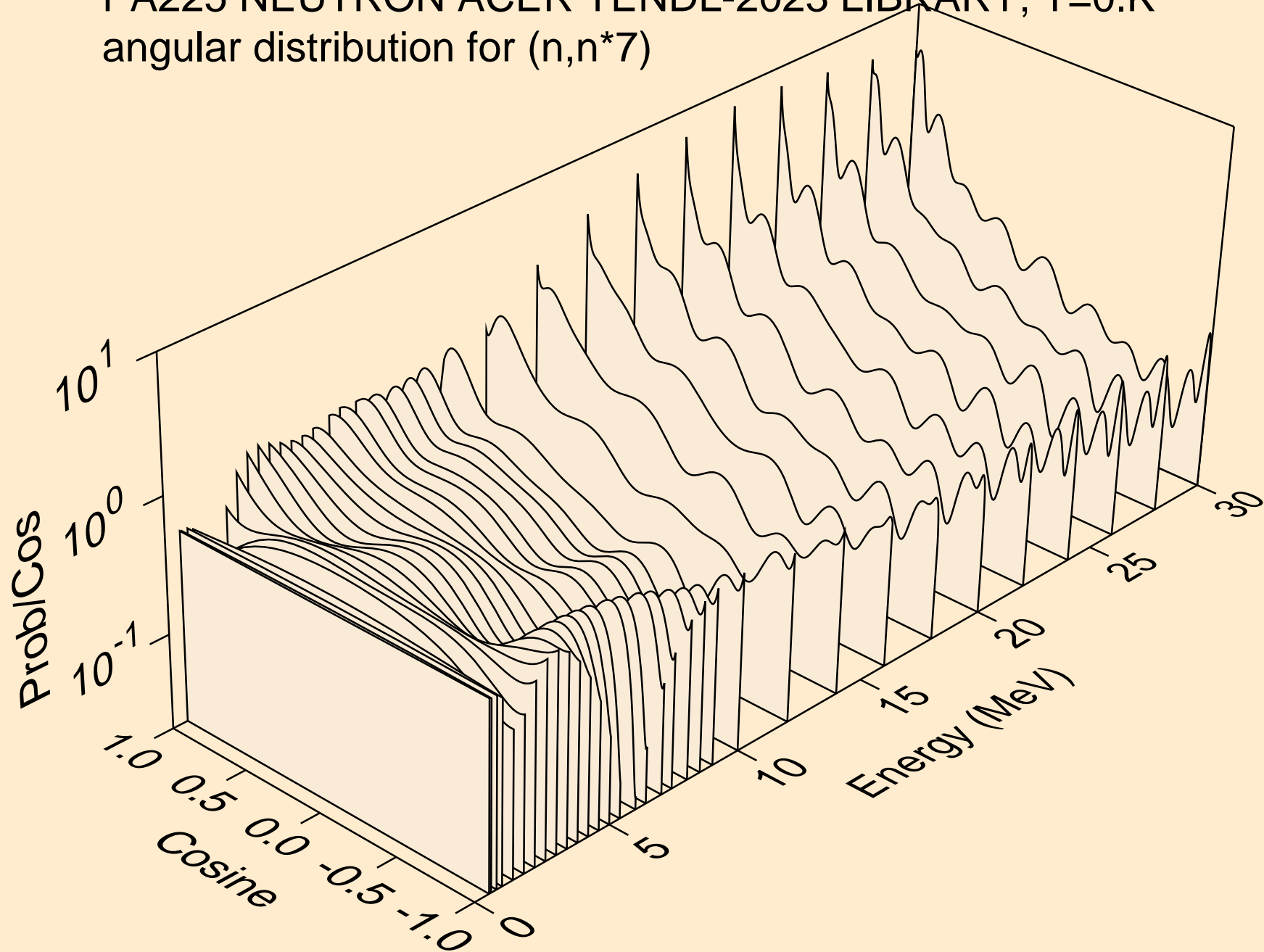
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



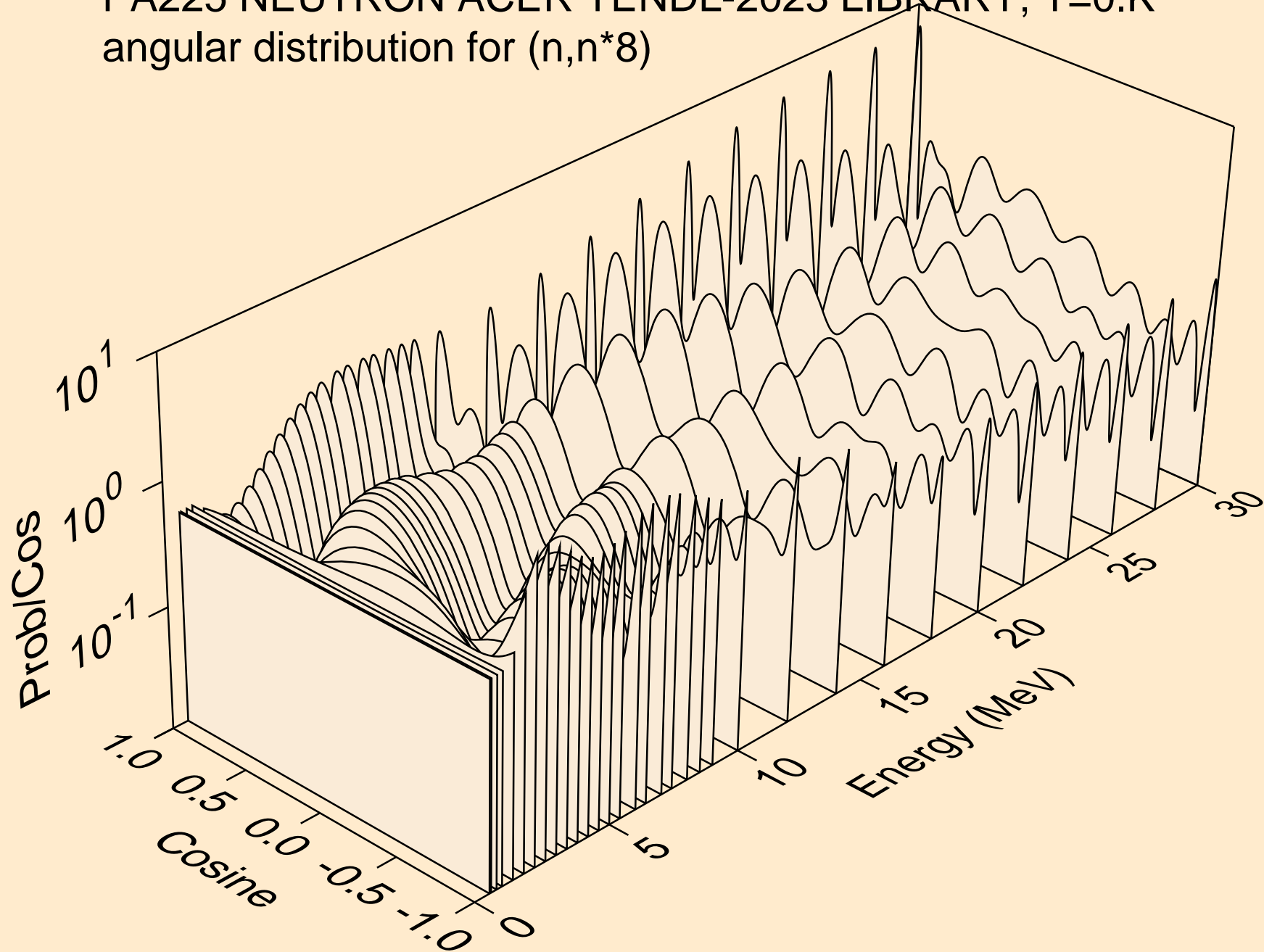
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



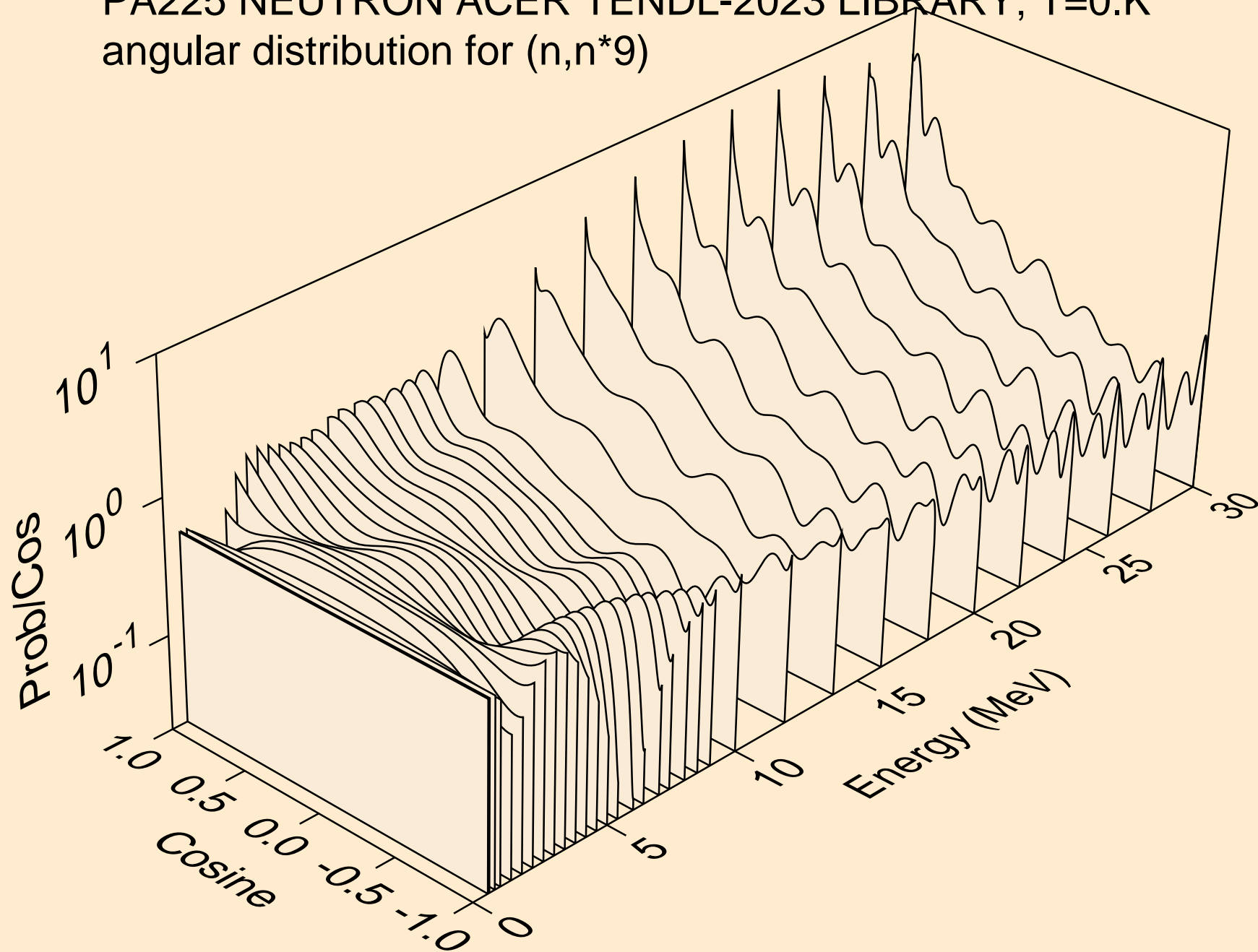
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angular distribution for (n,n\*7)



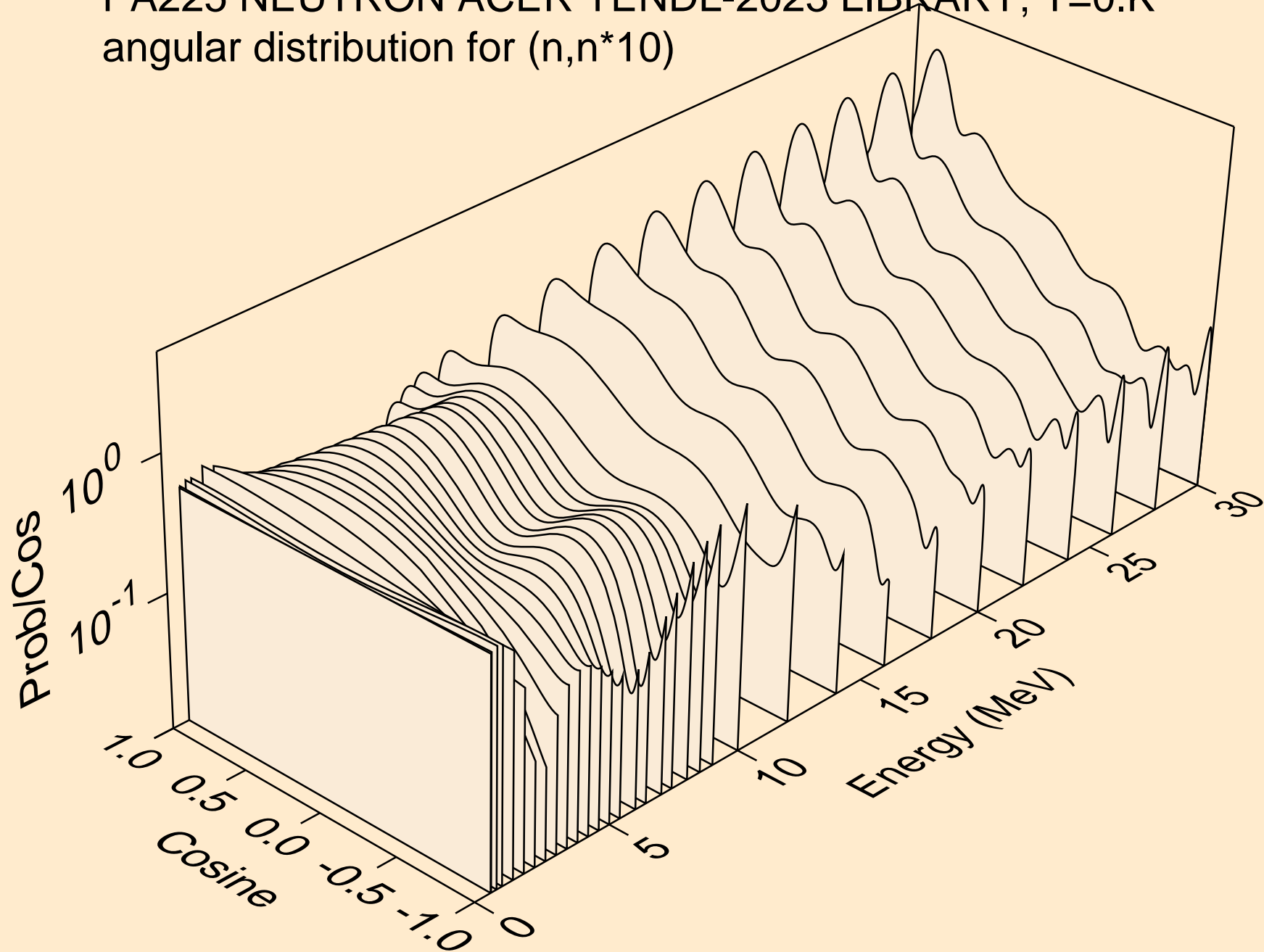
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angular distribution for (n,n\*8)



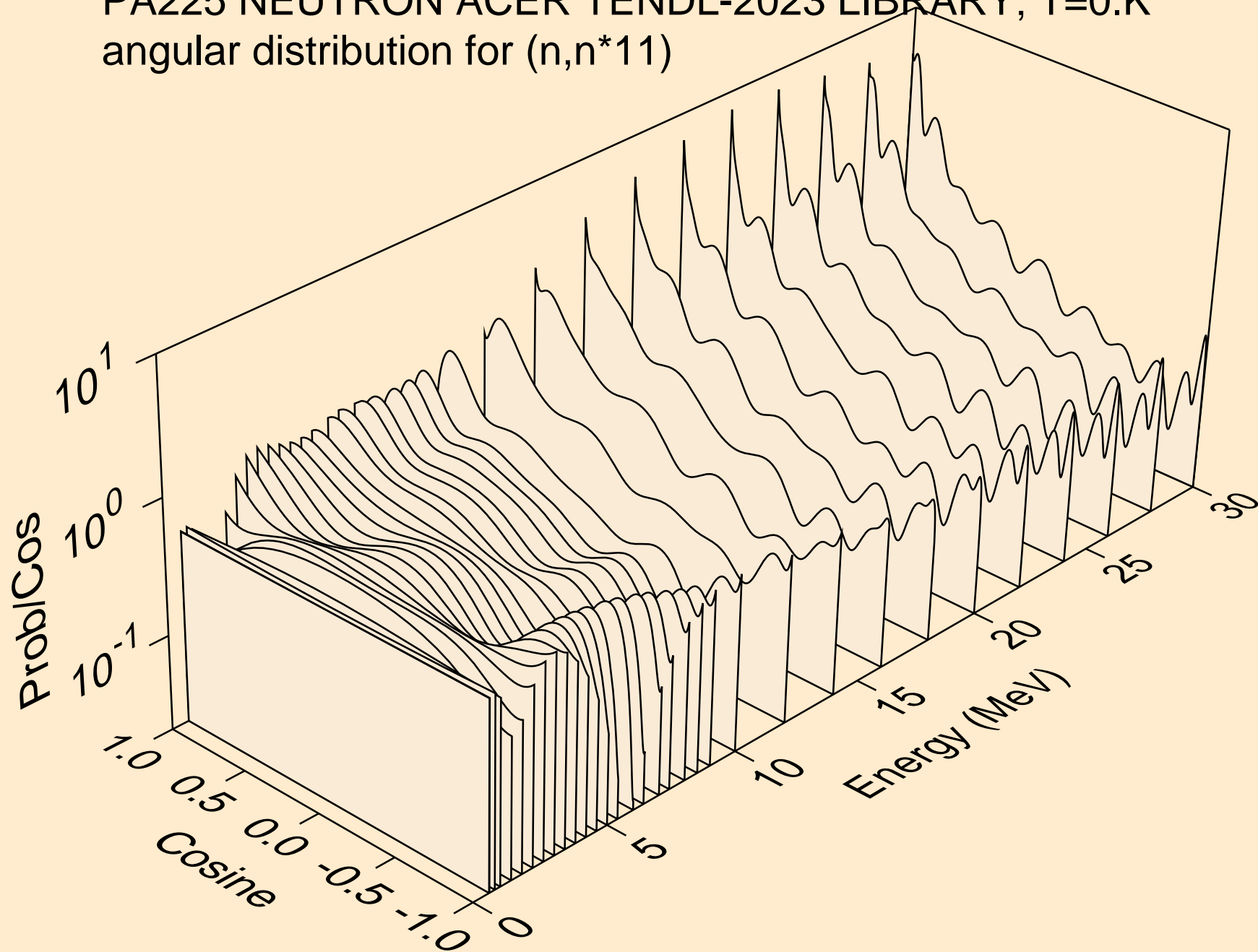
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

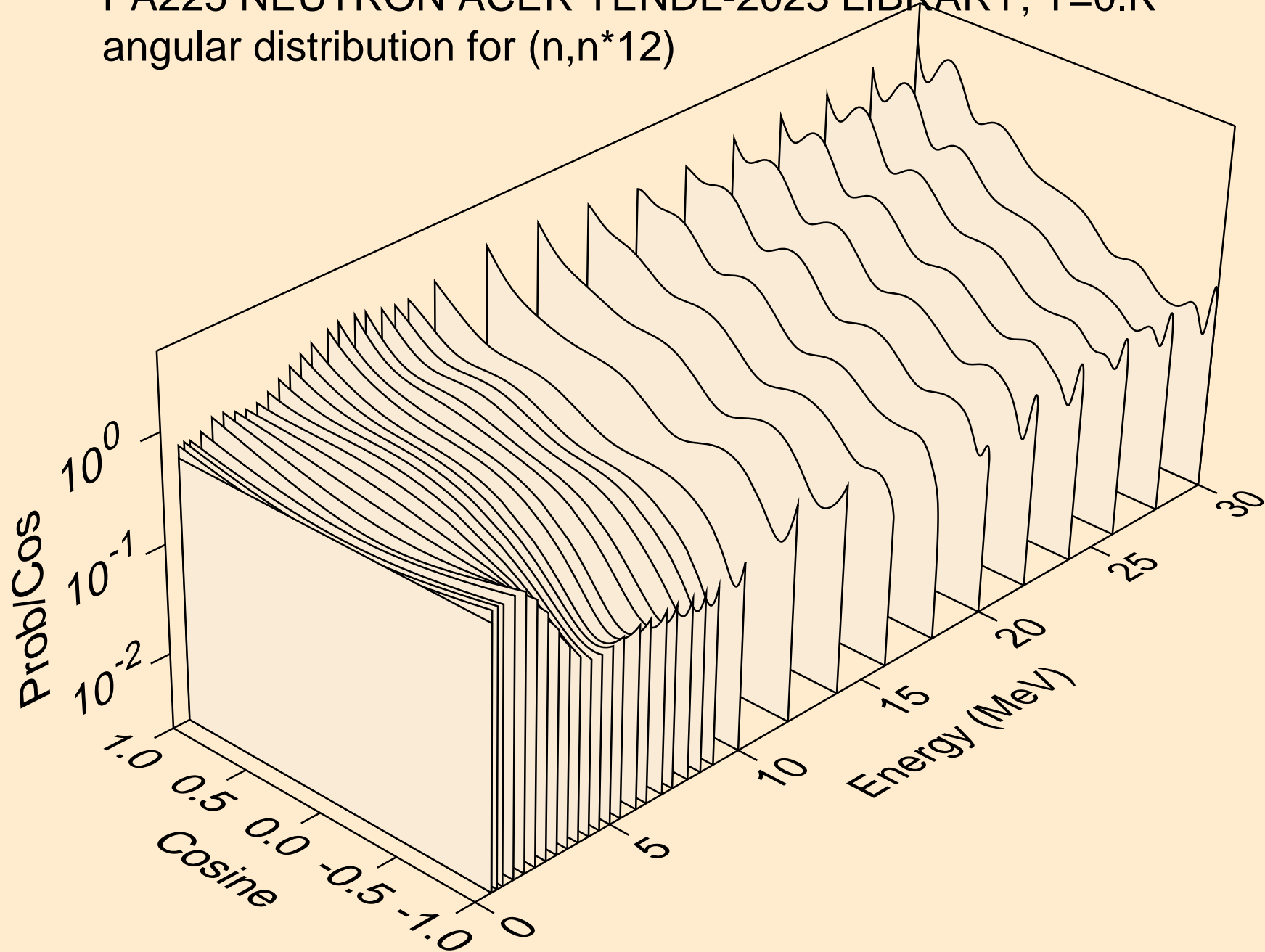


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

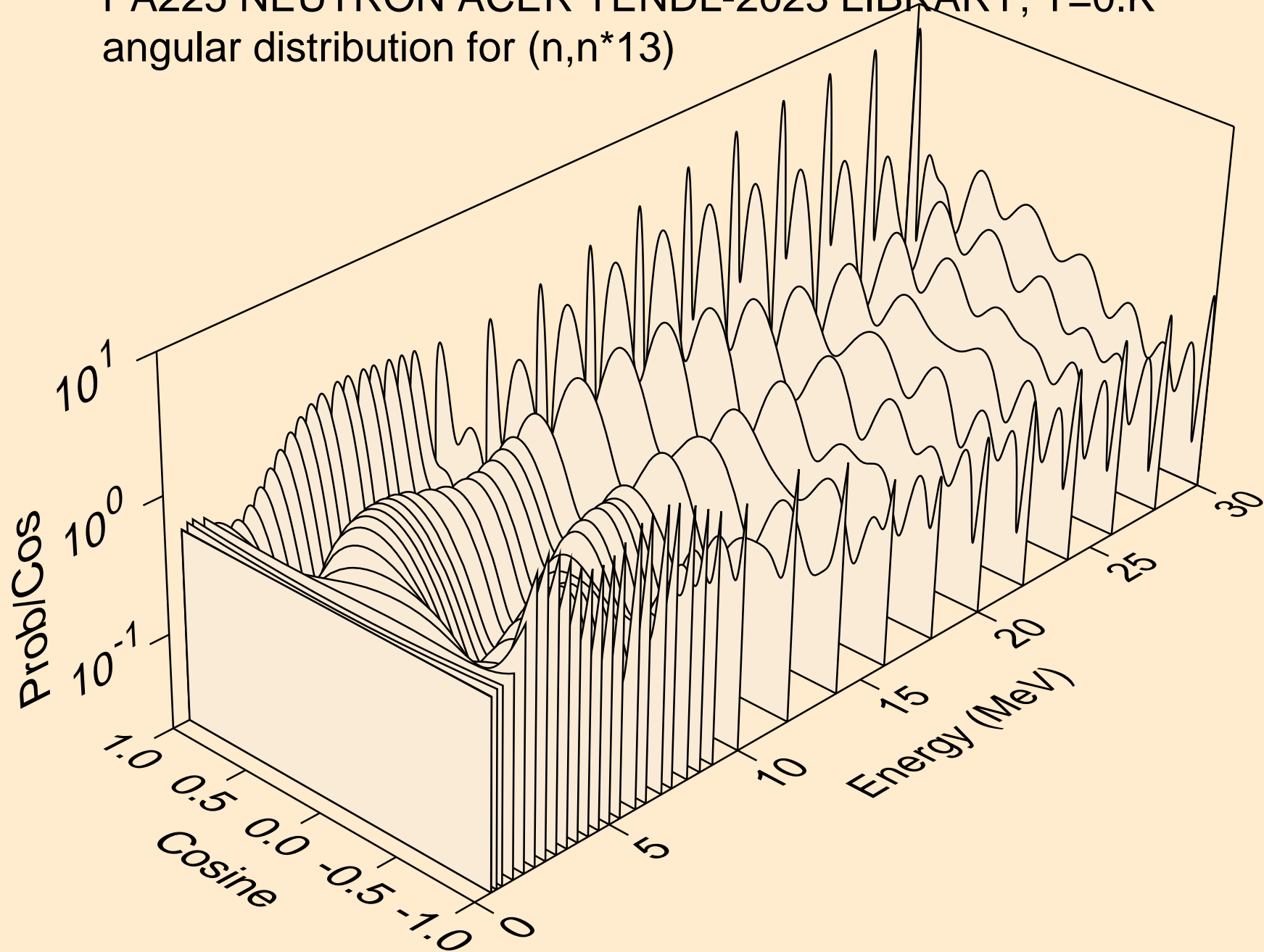




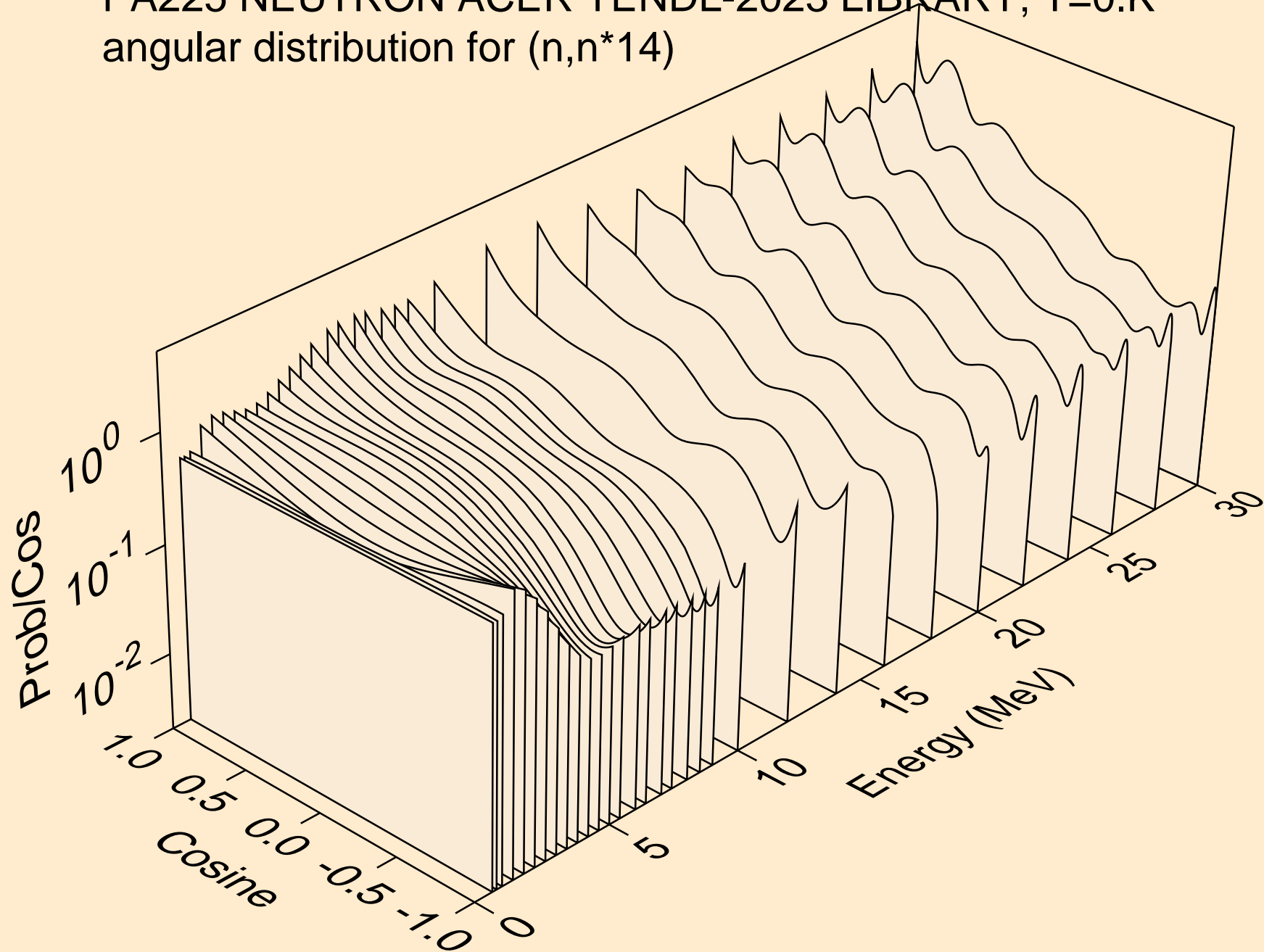
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angular distribution for (n,n\*12)



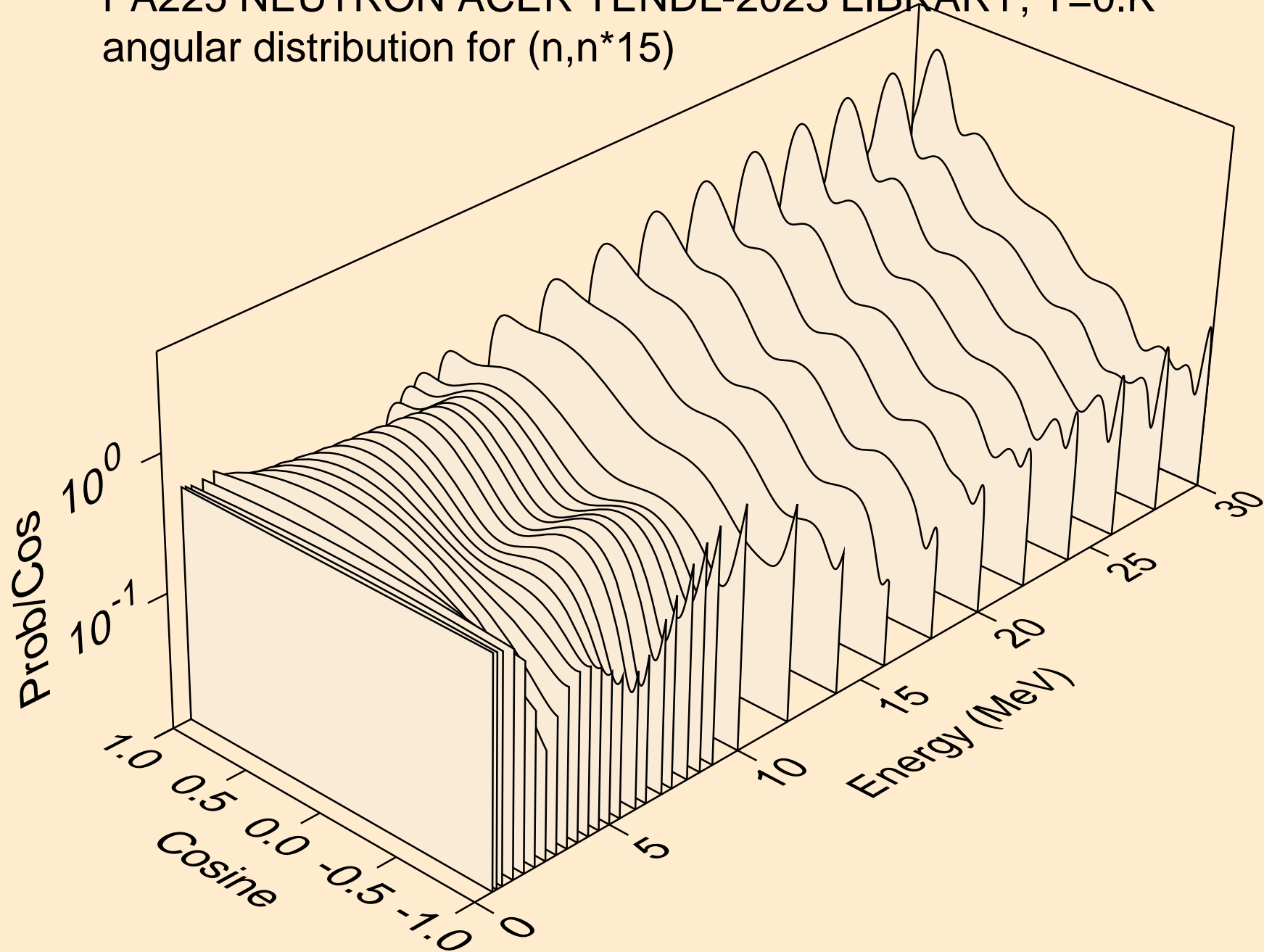
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angular distribution for (n,n\*13)



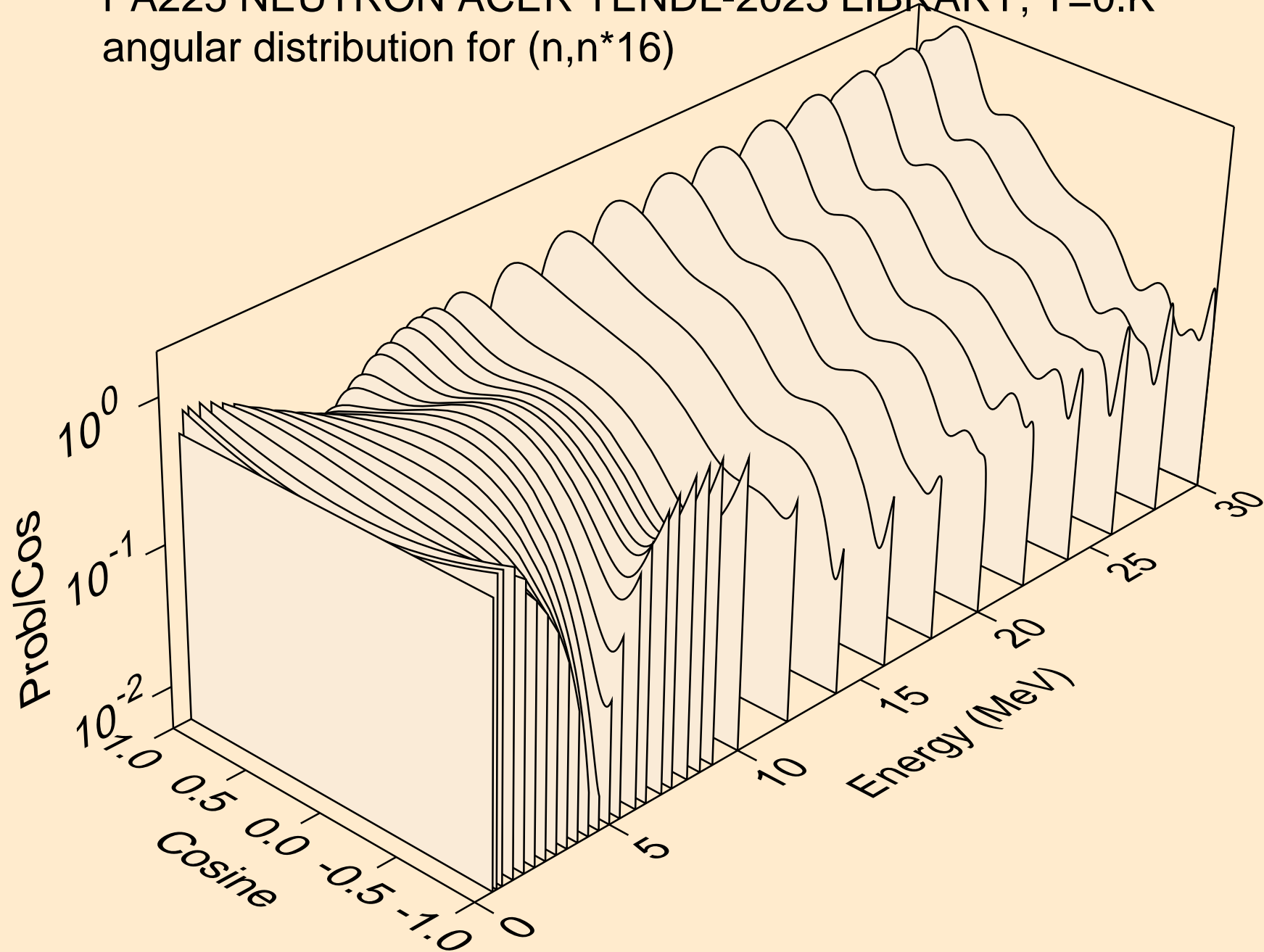
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angular distribution for (n,n\*14)



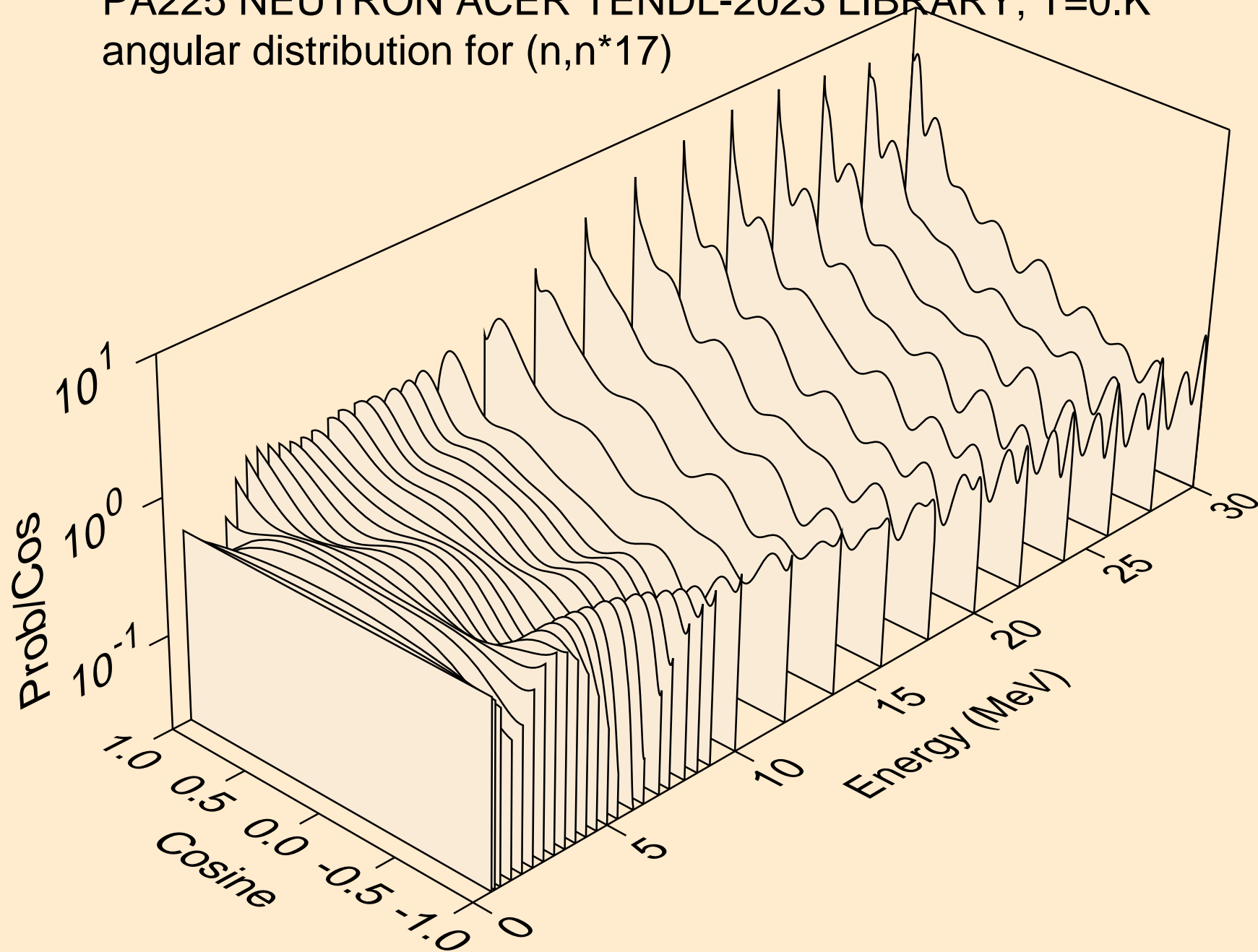
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angular distribution for (n,n\*15)



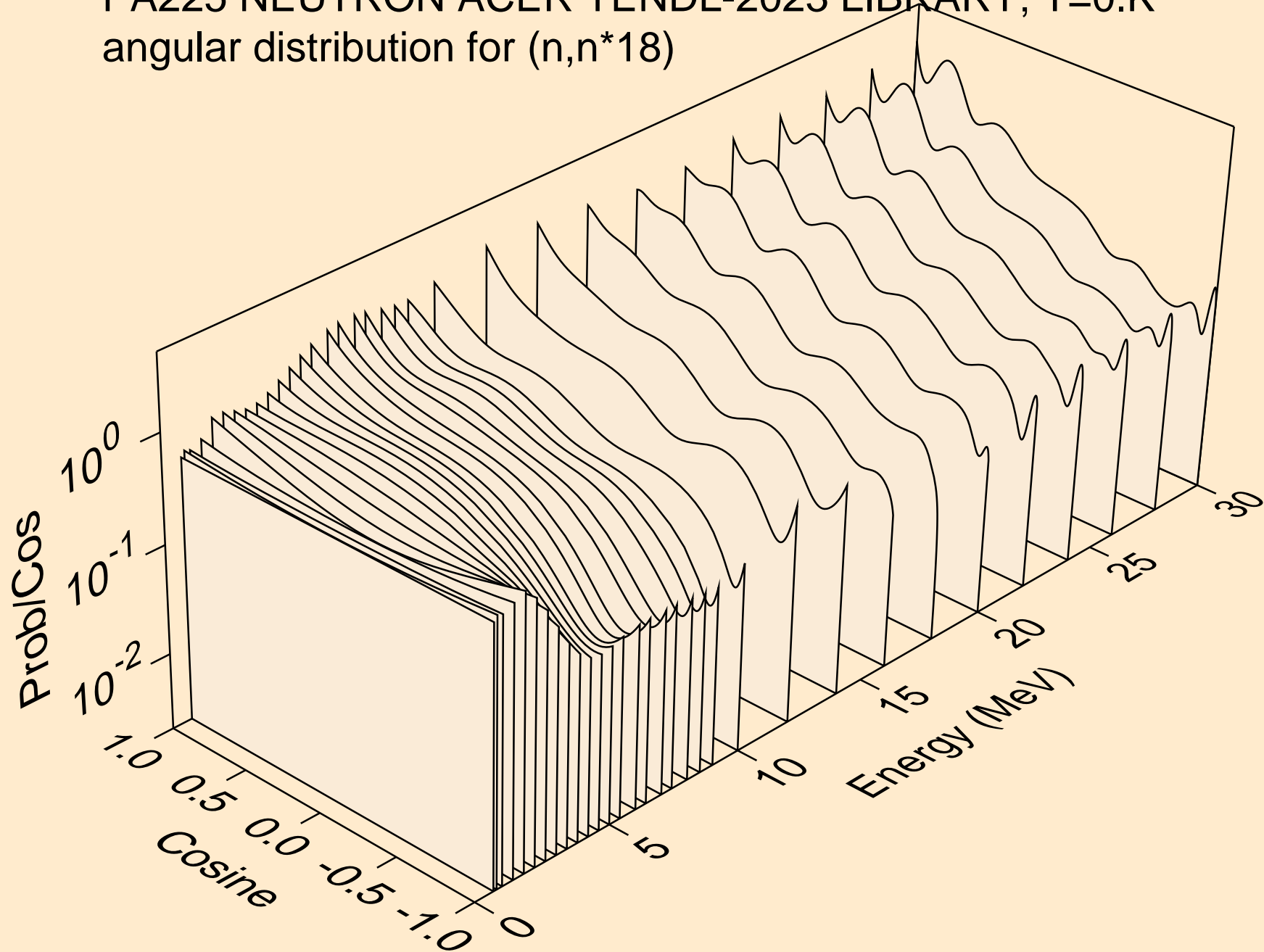
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



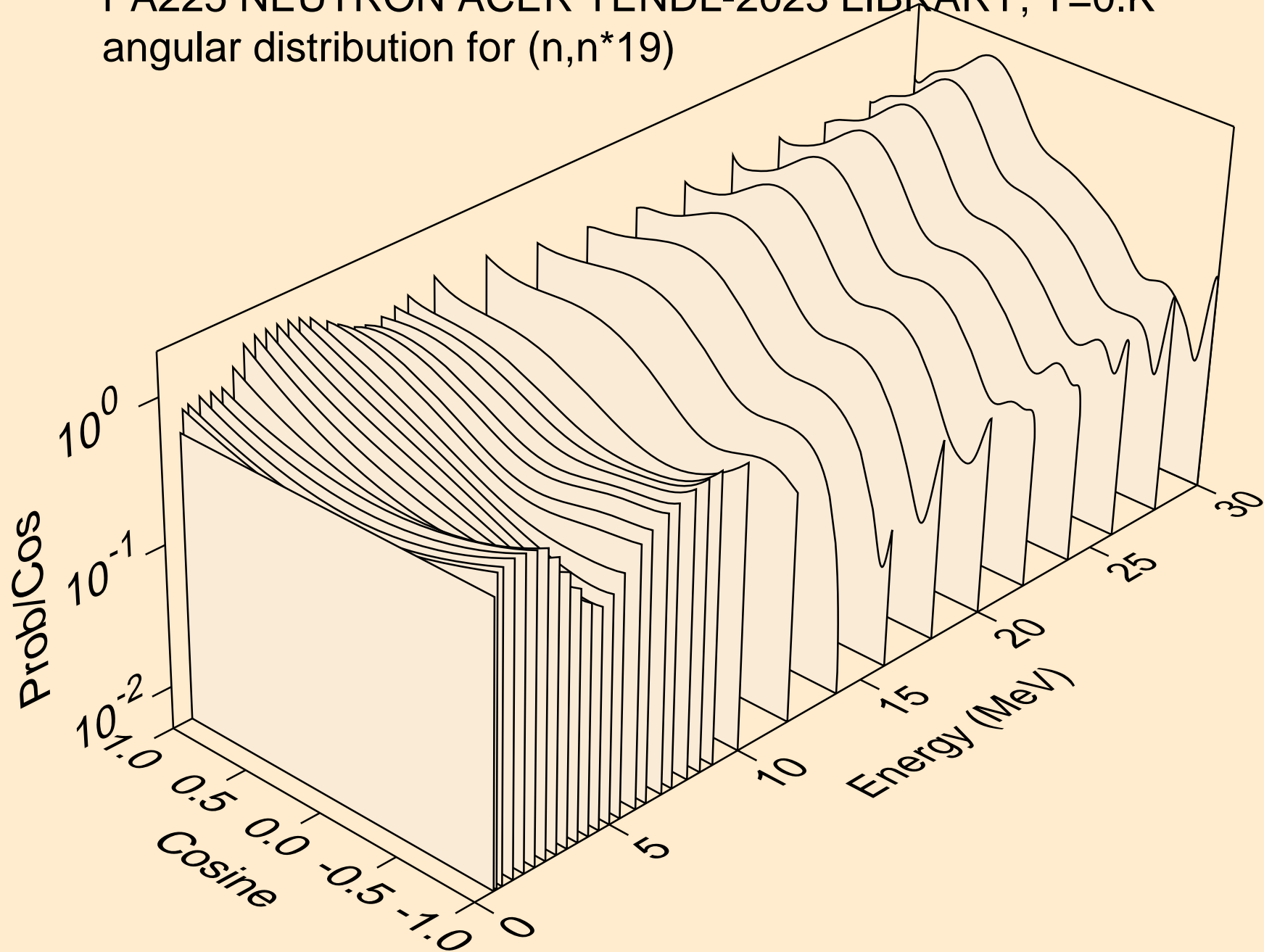
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

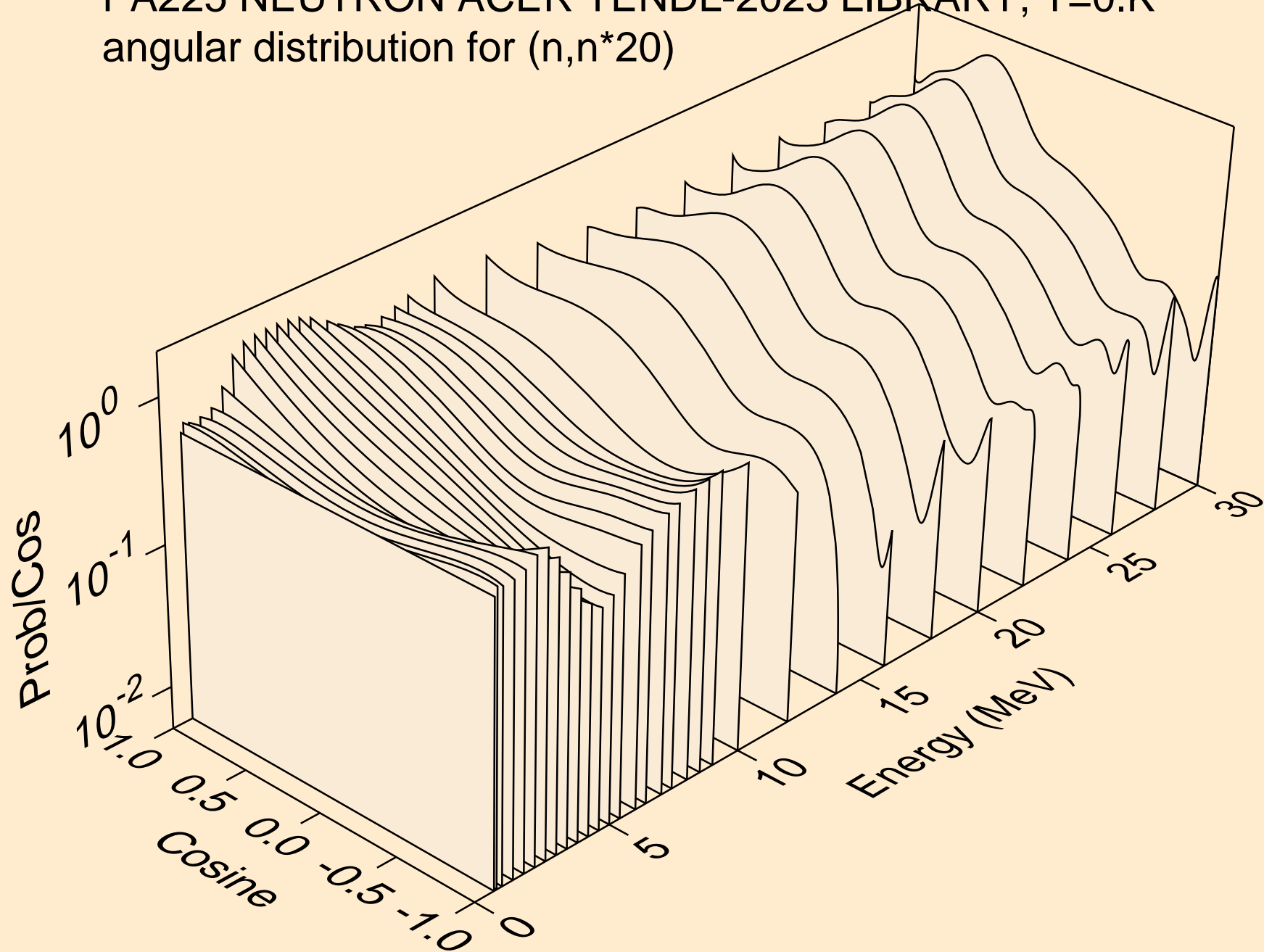


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

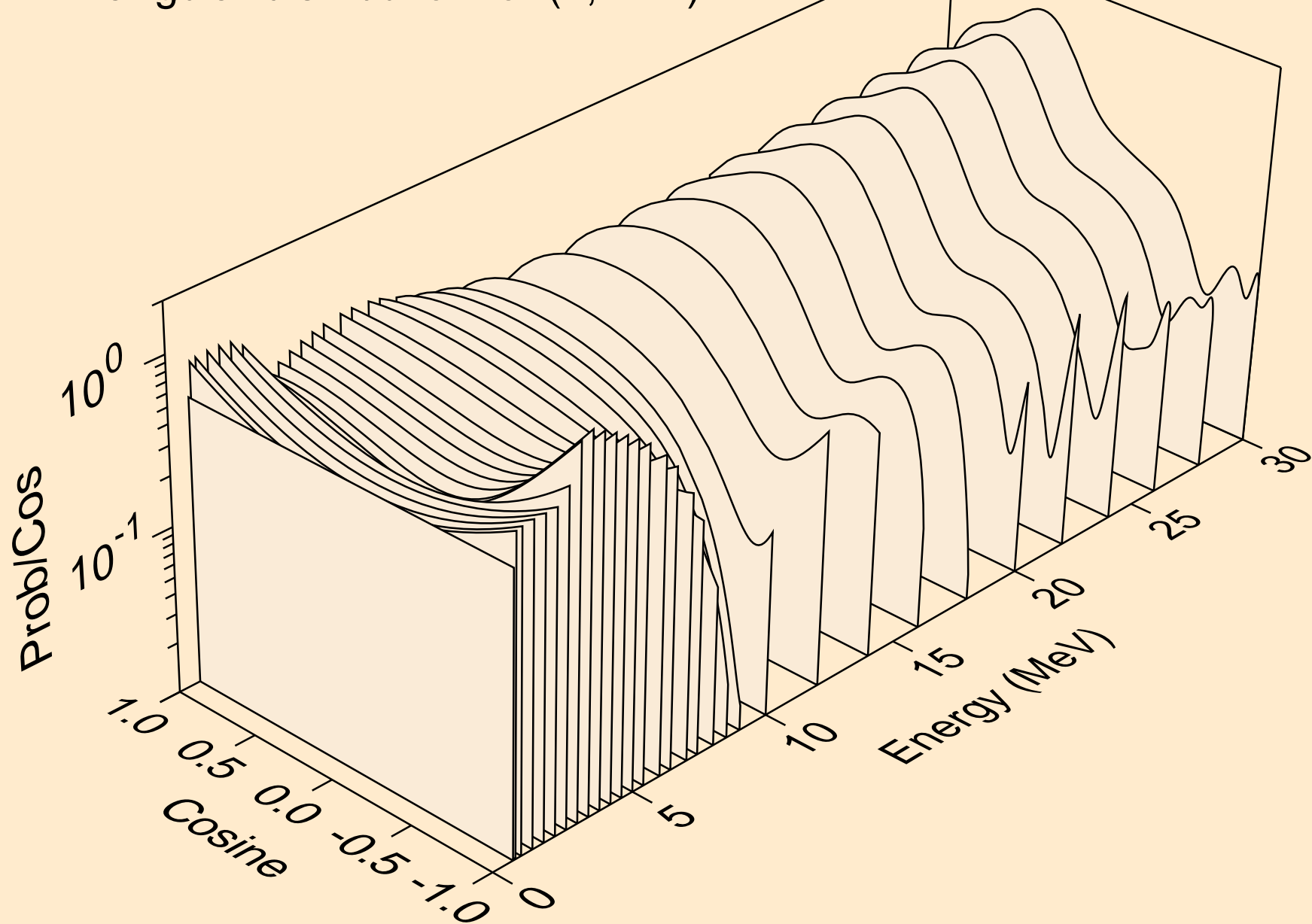




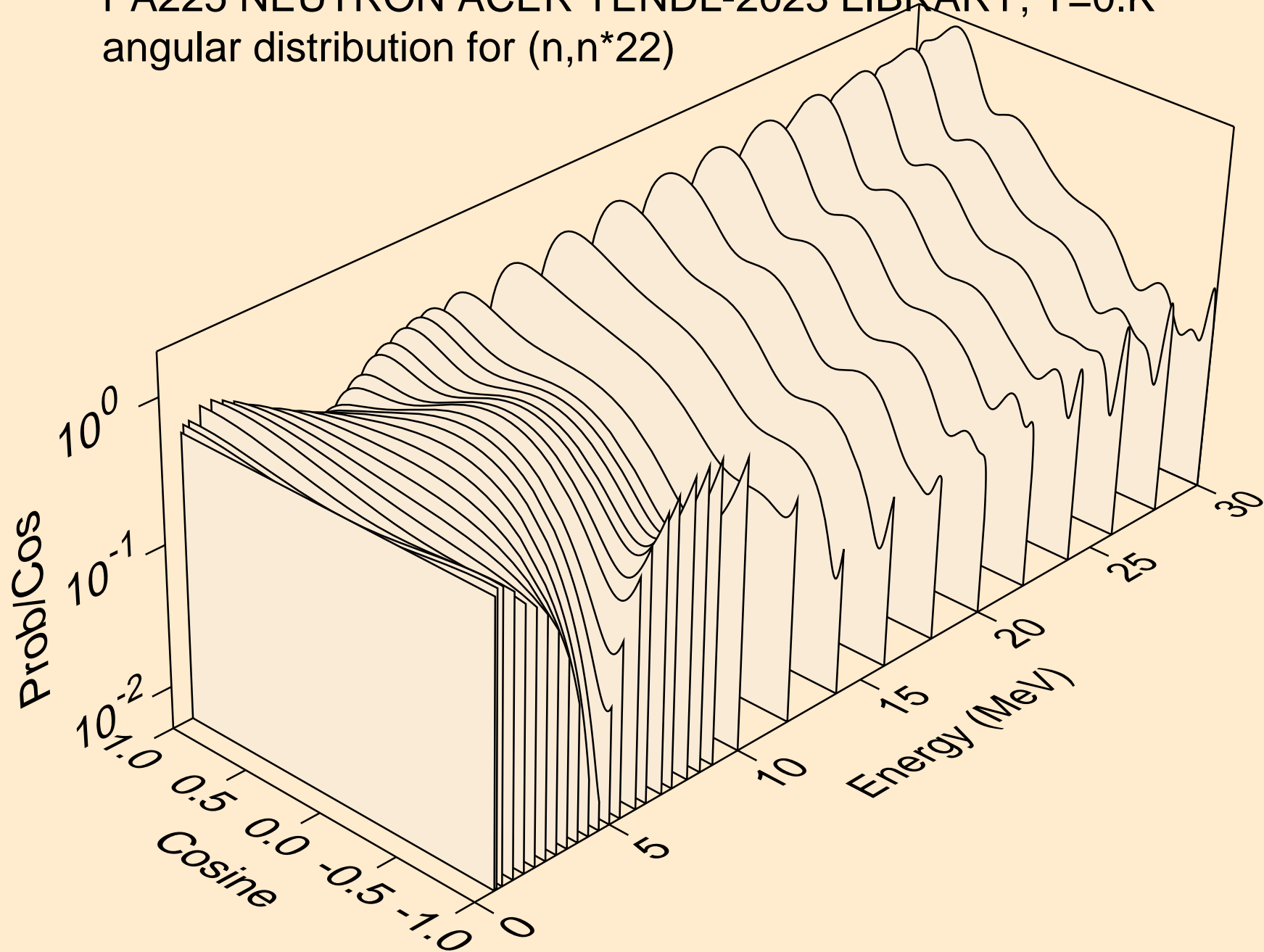
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angular distribution for (n,n\*20)



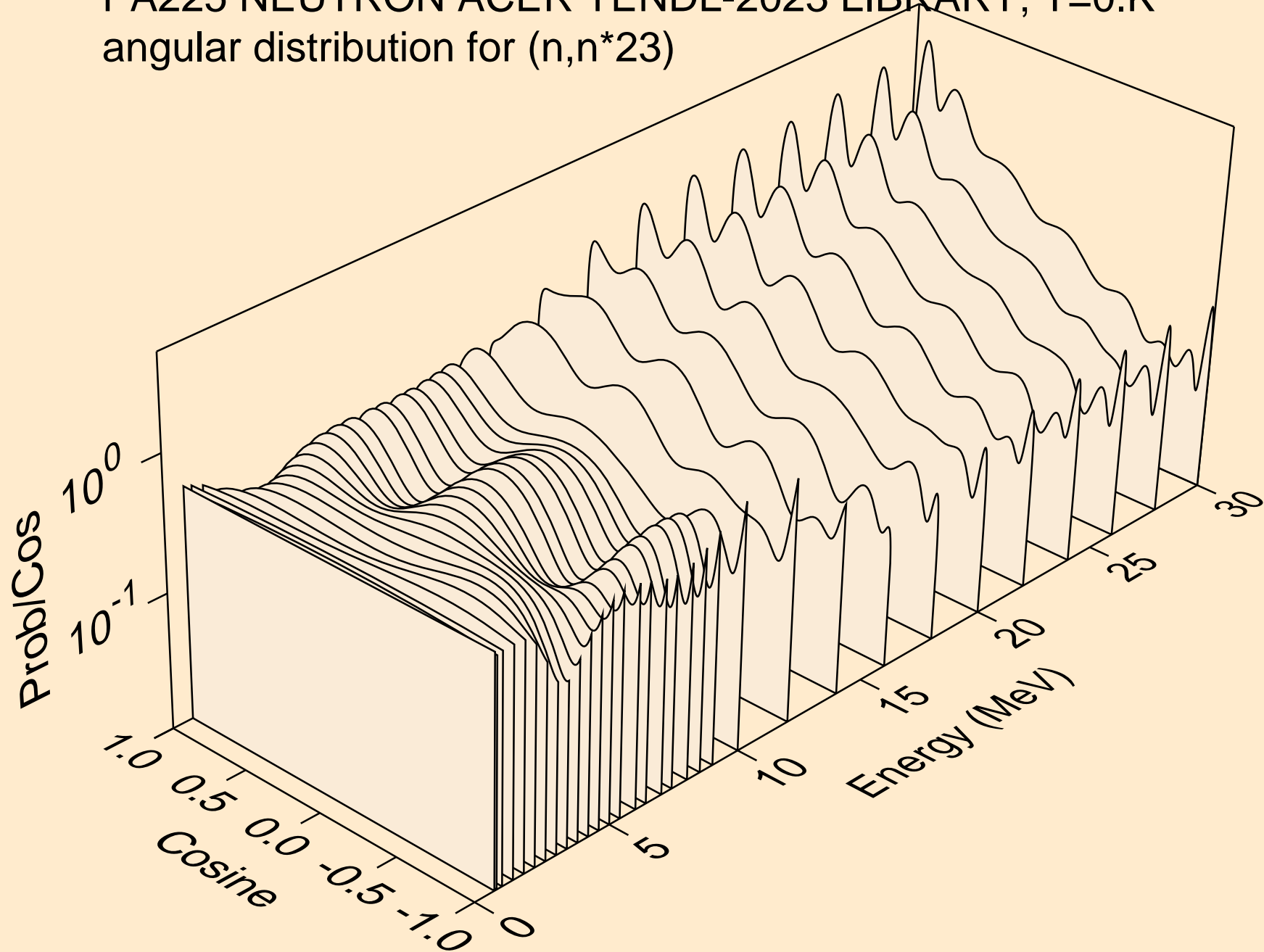
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angular distribution for (n,n\*21)



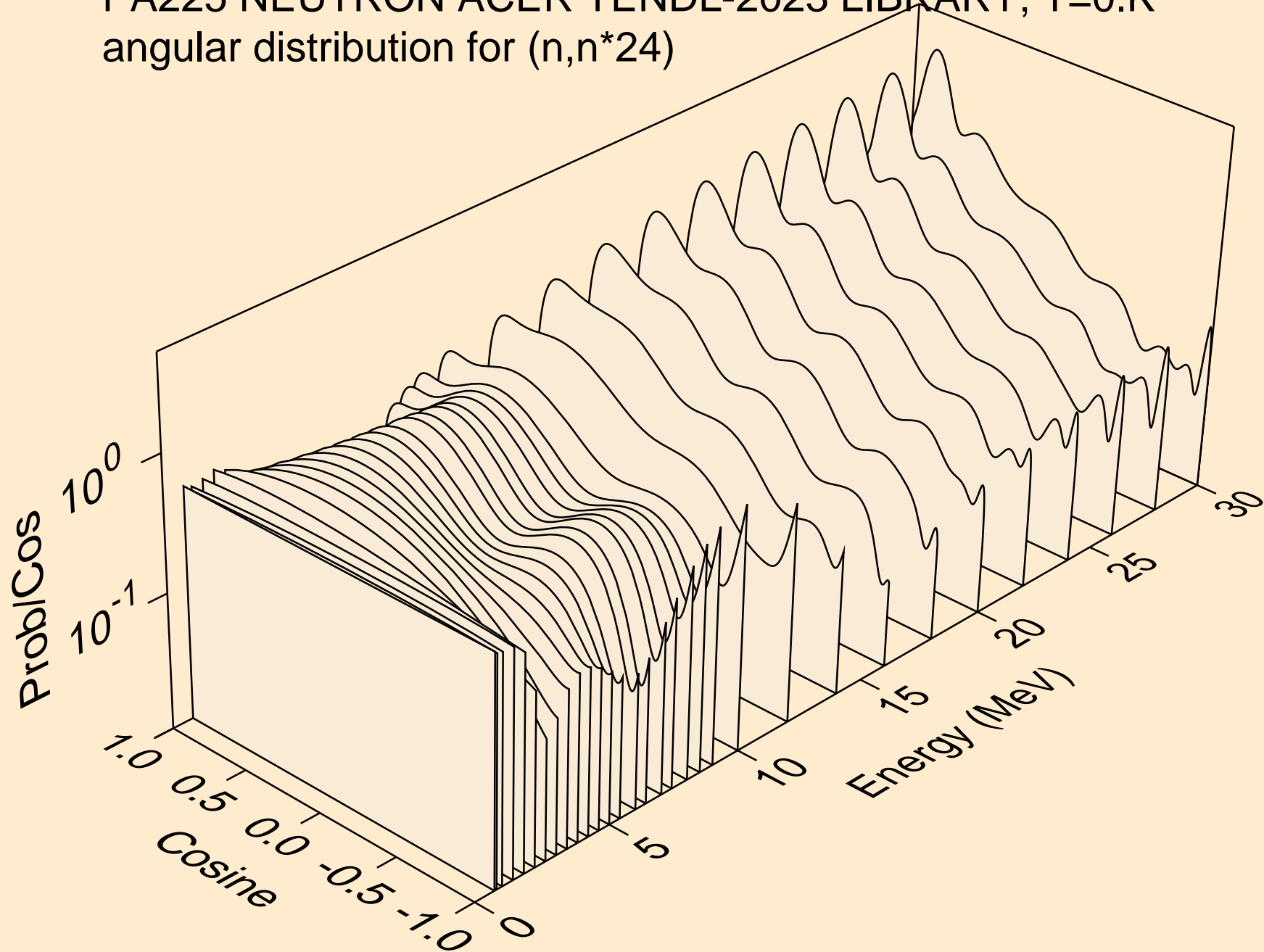
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angular distribution for (n,n\*22)



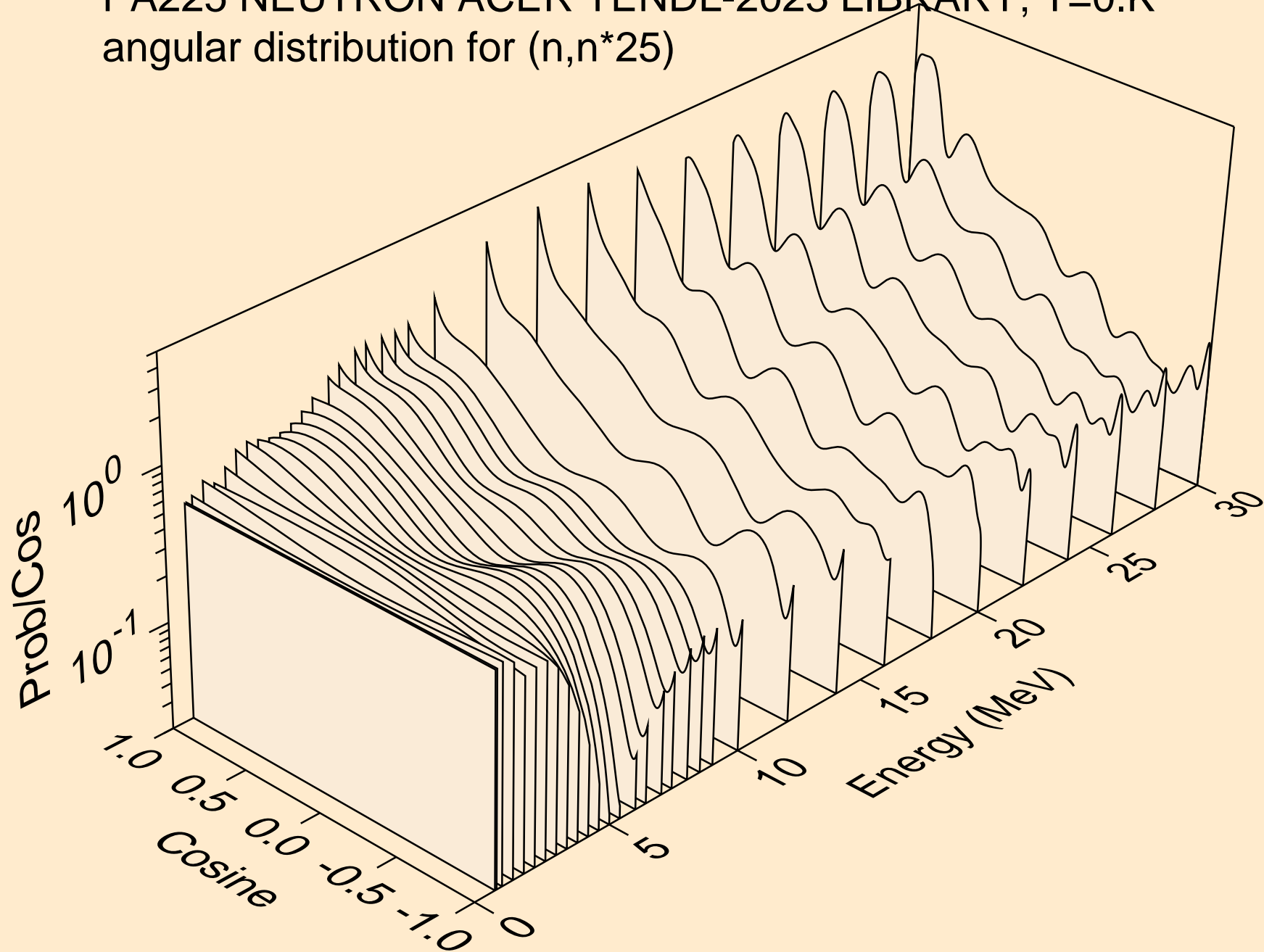
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angular distribution for (n,n\*23)



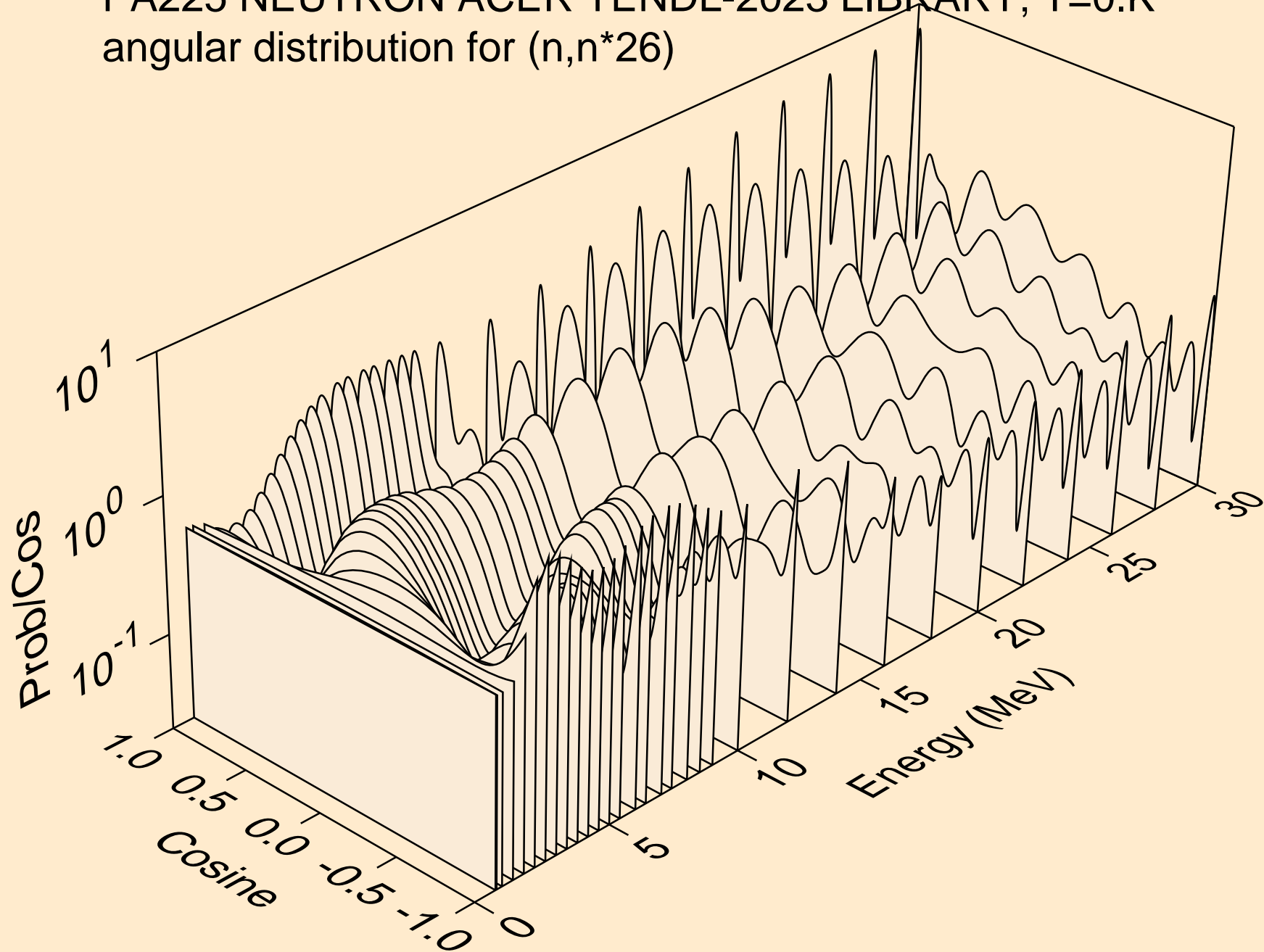
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angular distribution for (n,n\*24)



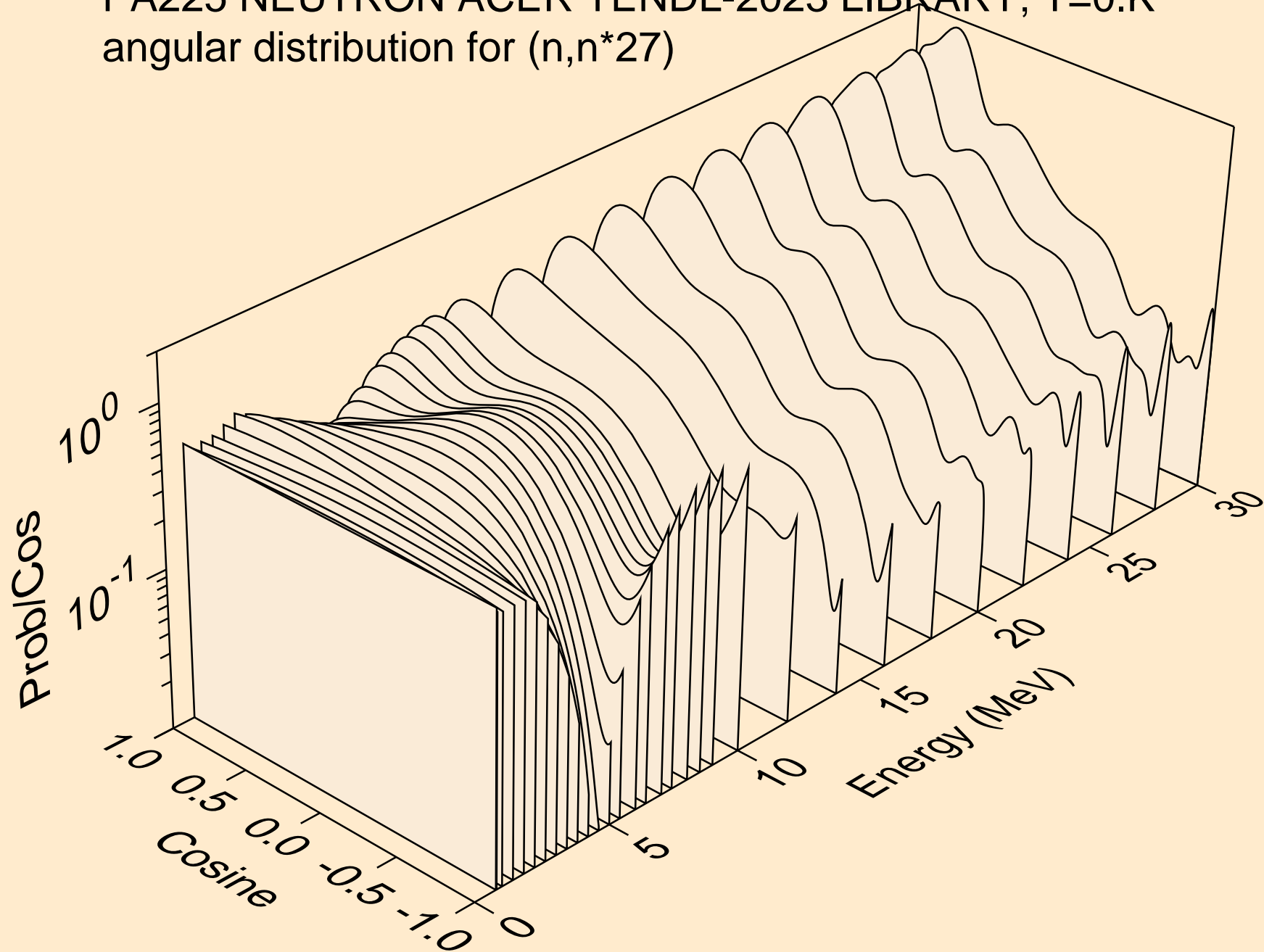
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

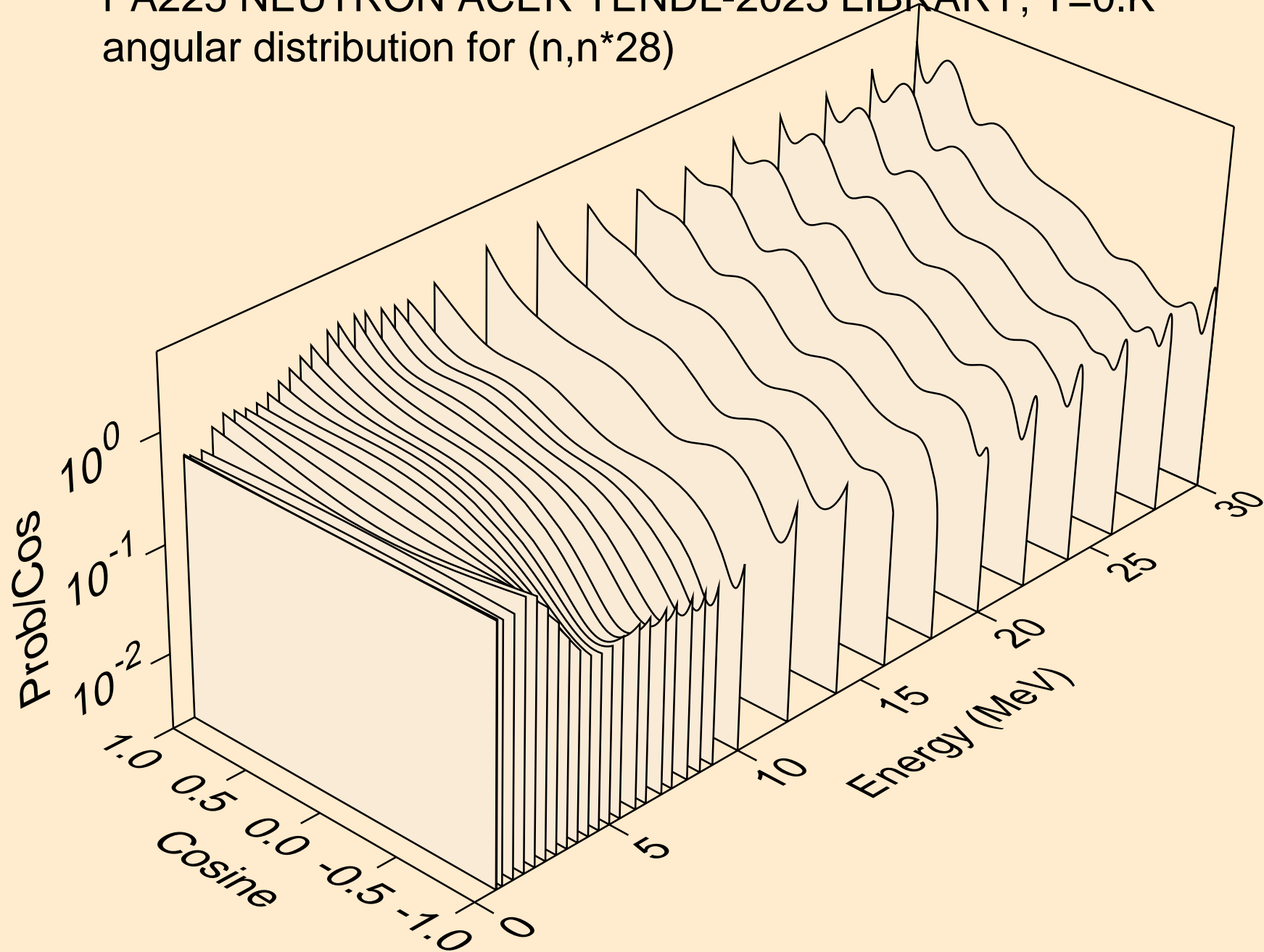


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

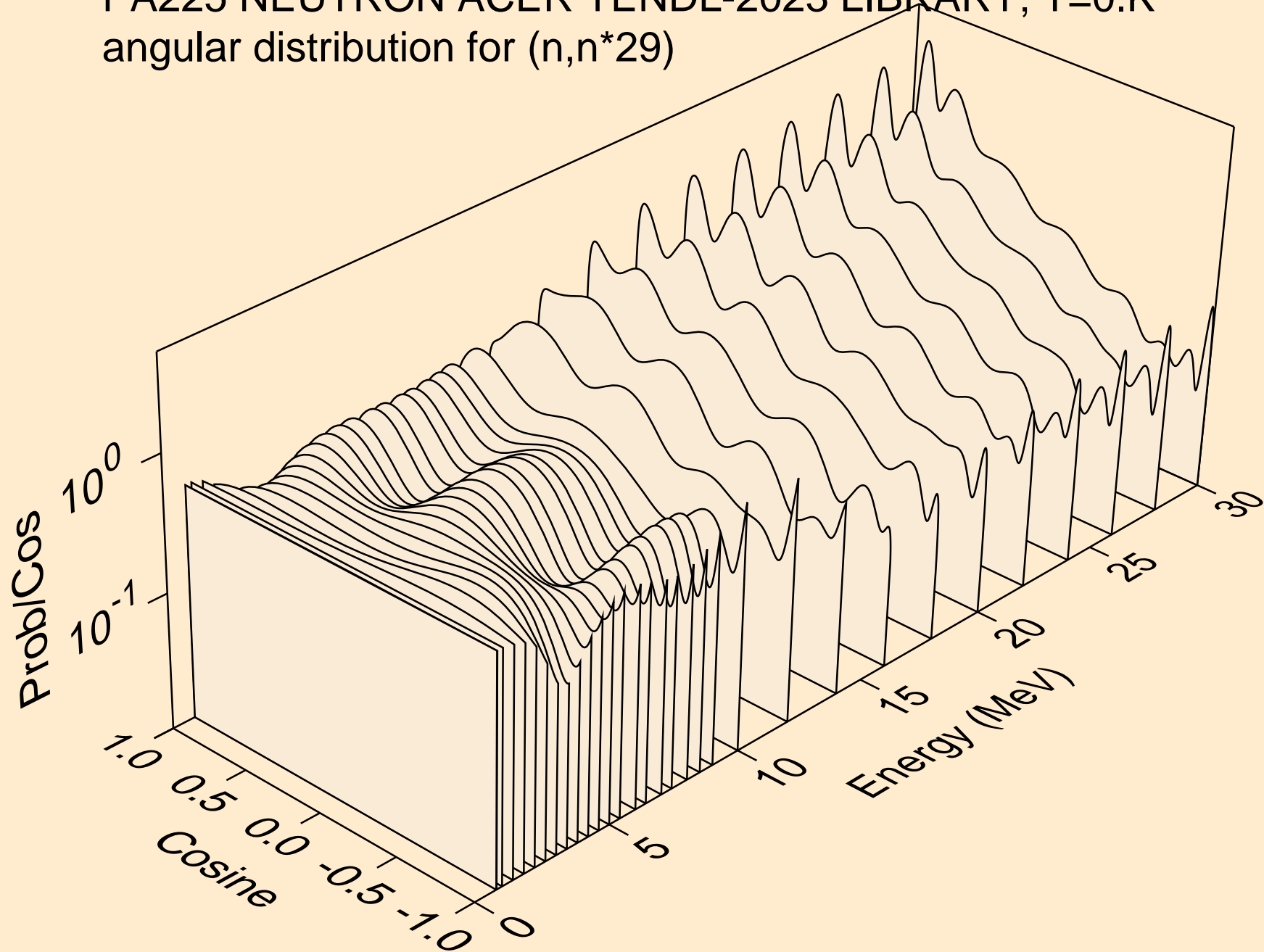




PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

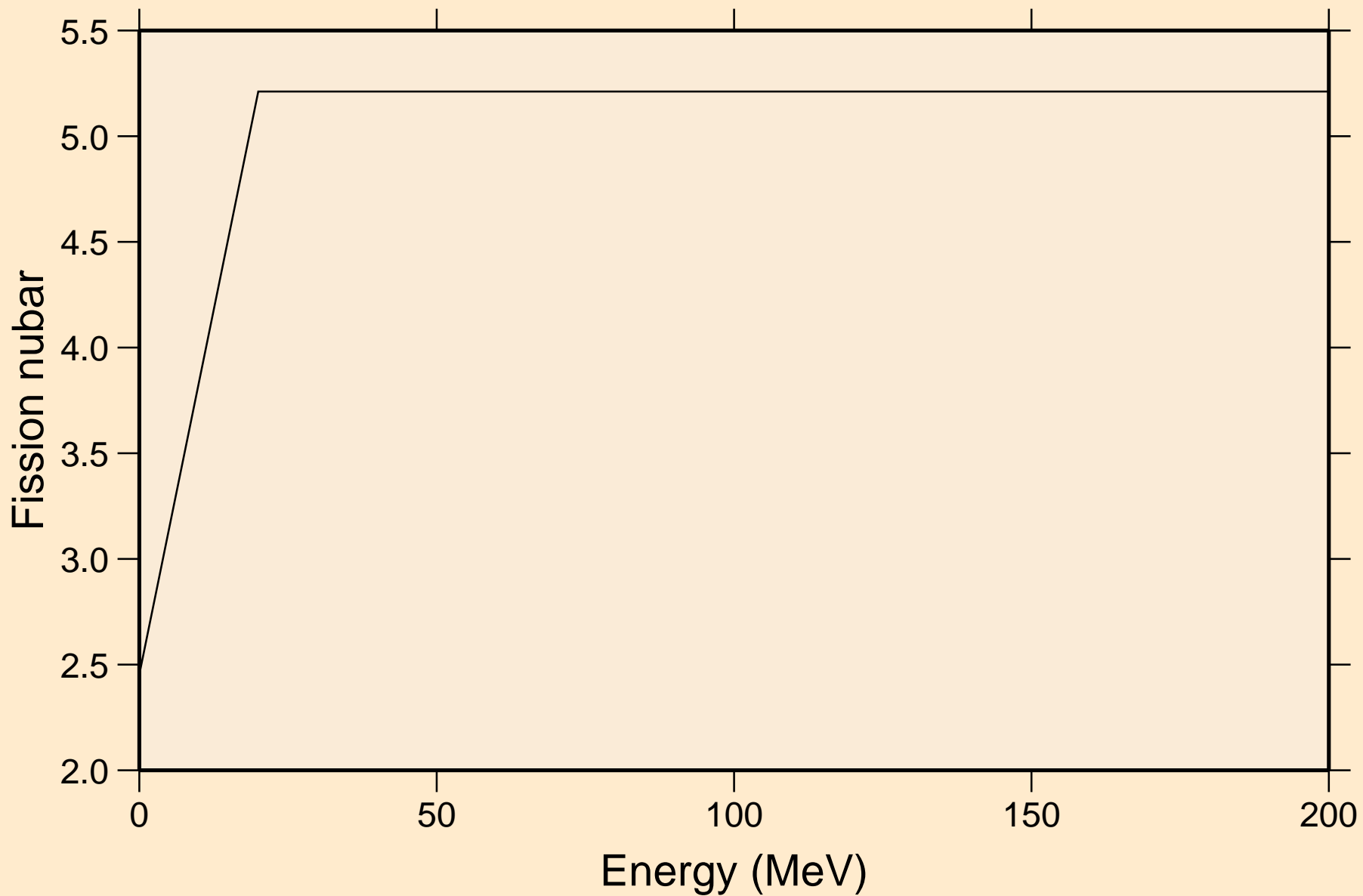


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angular distribution for (n,n\*29)

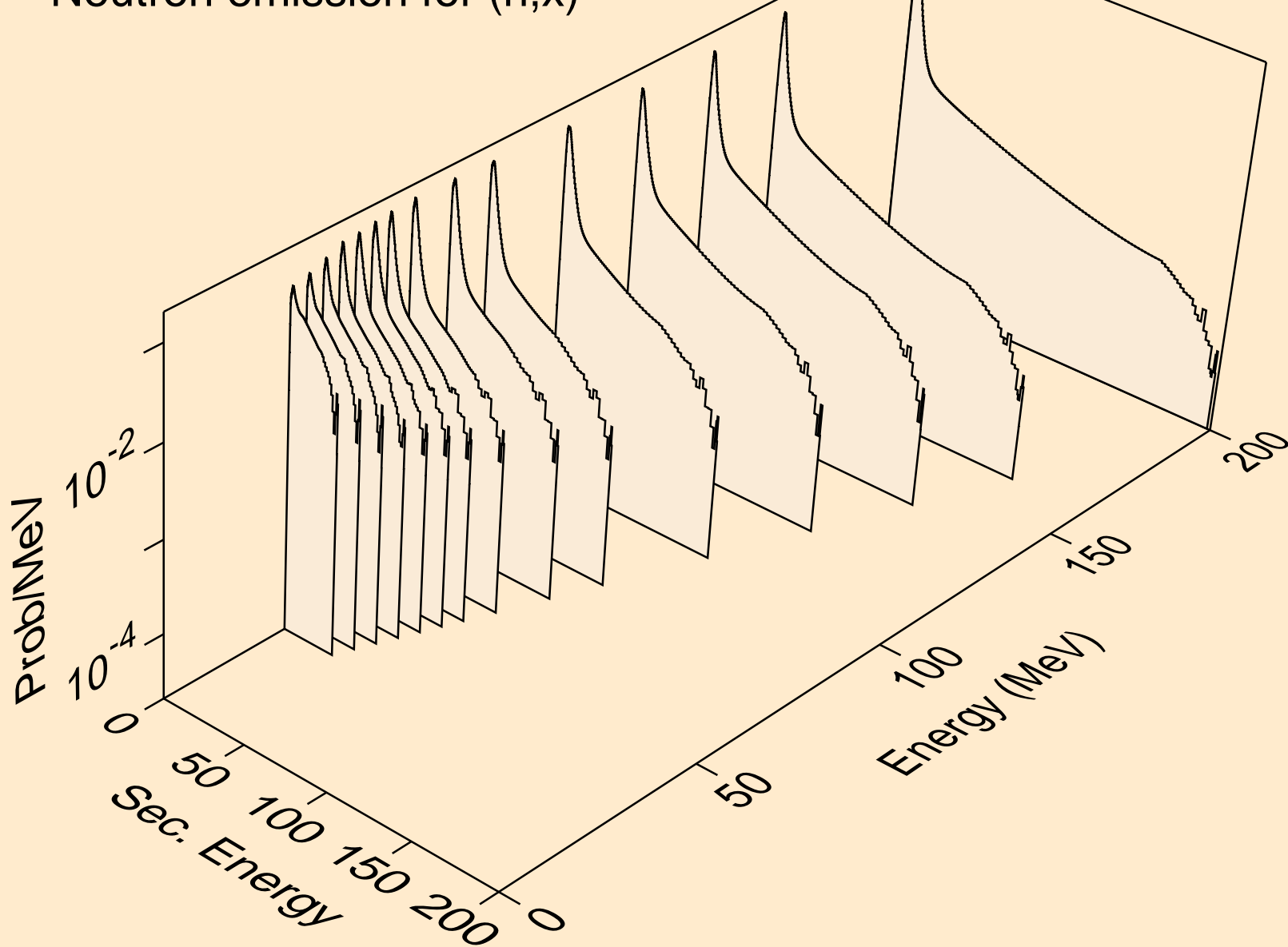


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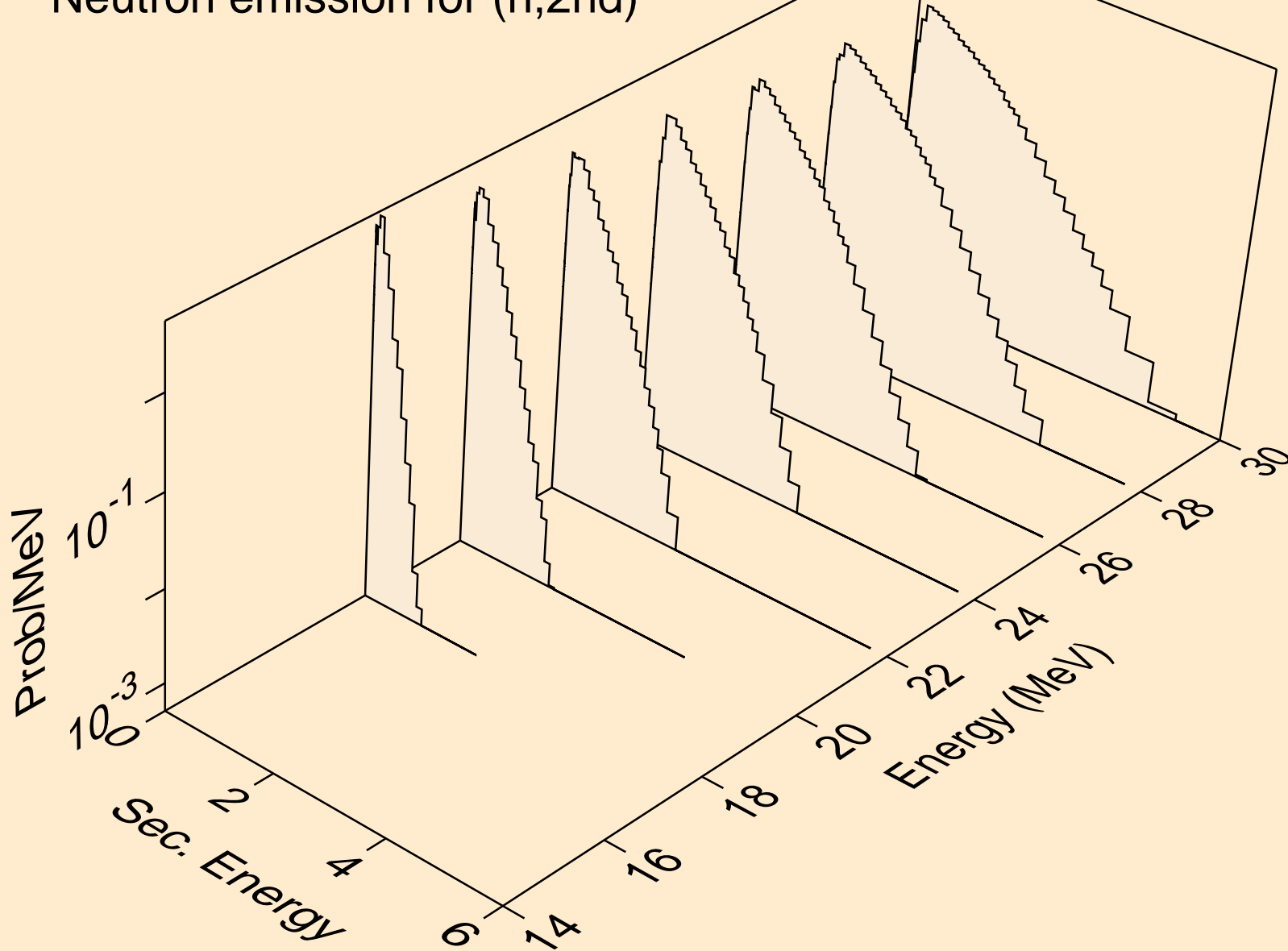
Total fission nuubar



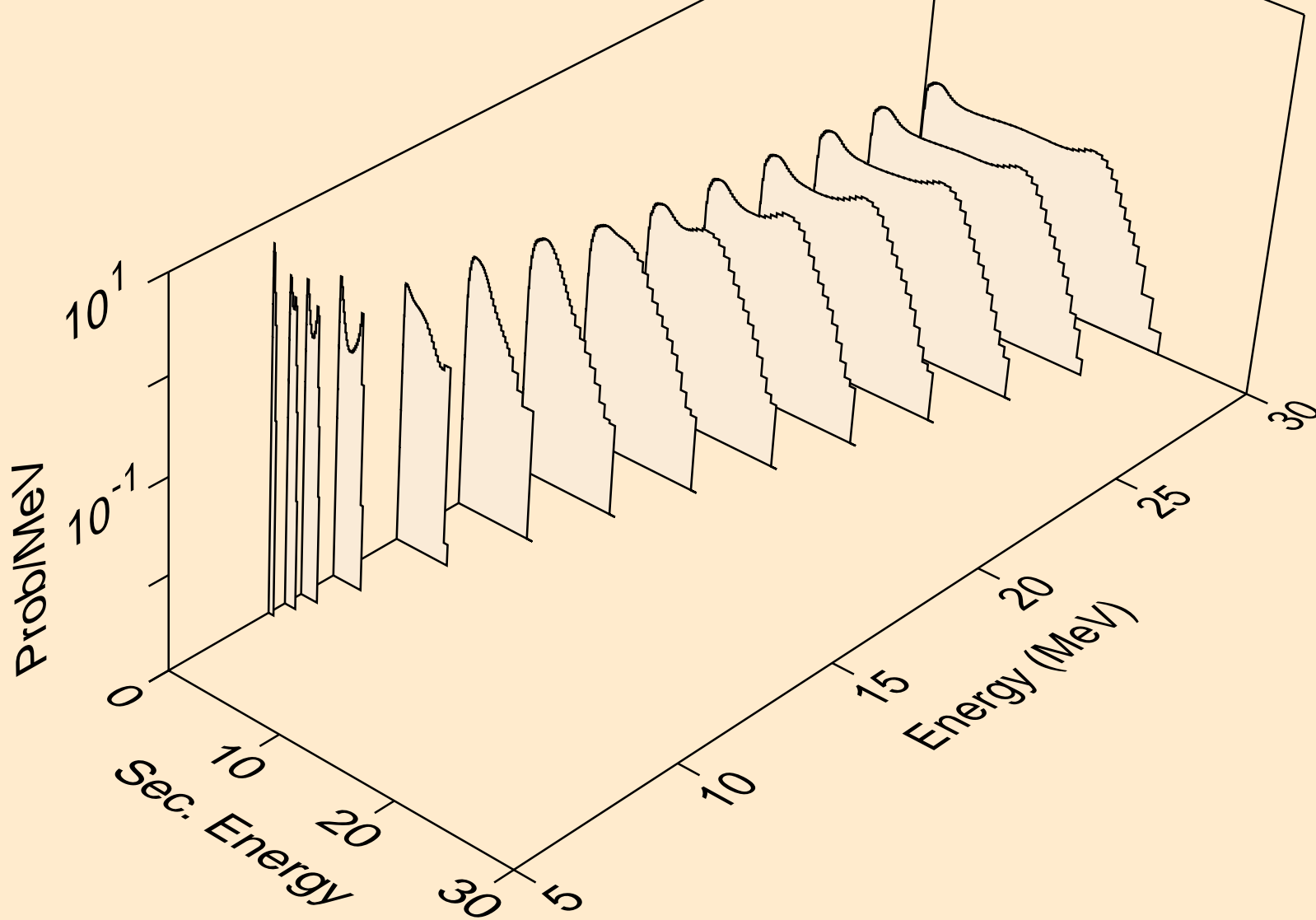
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



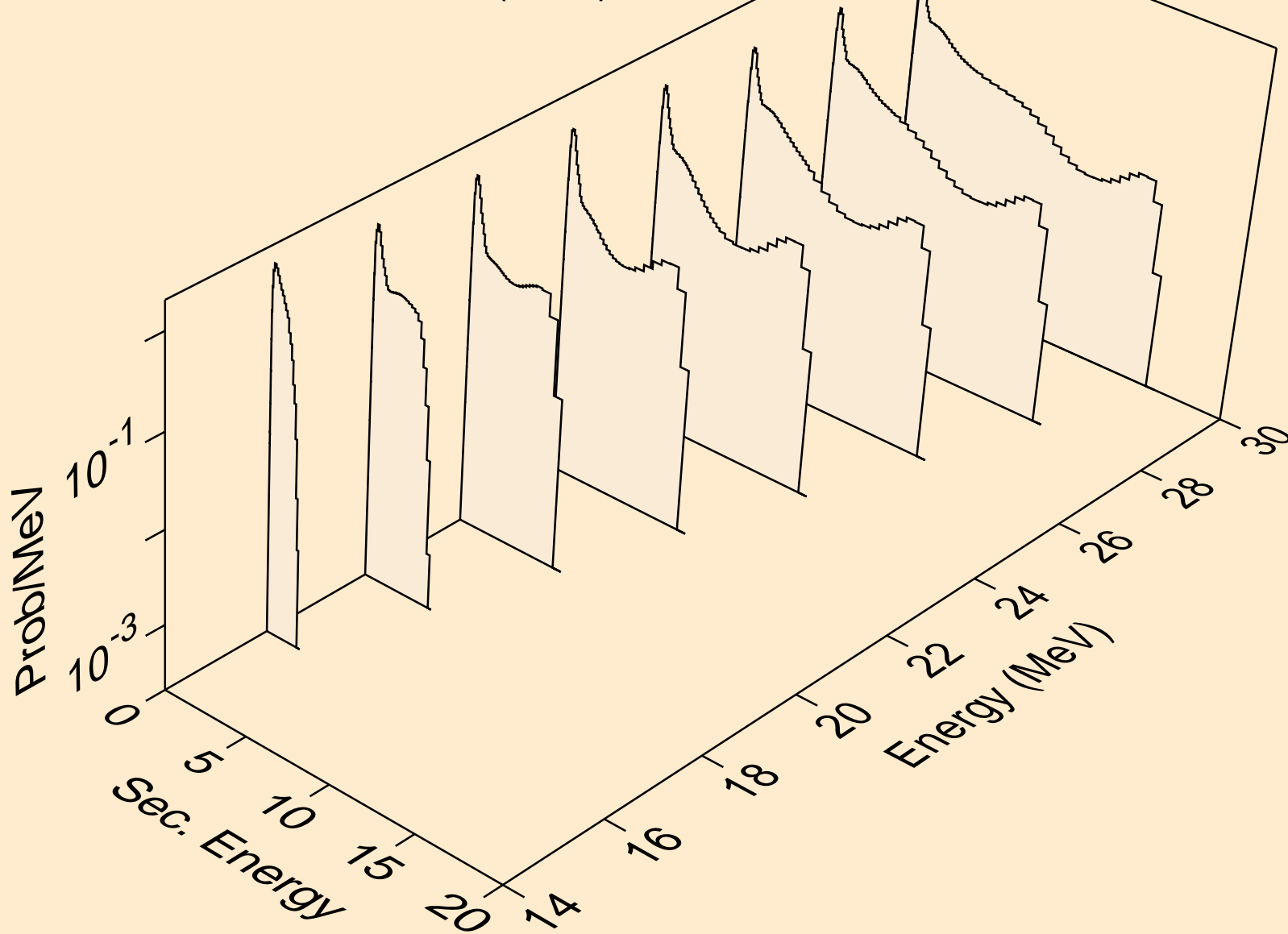
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



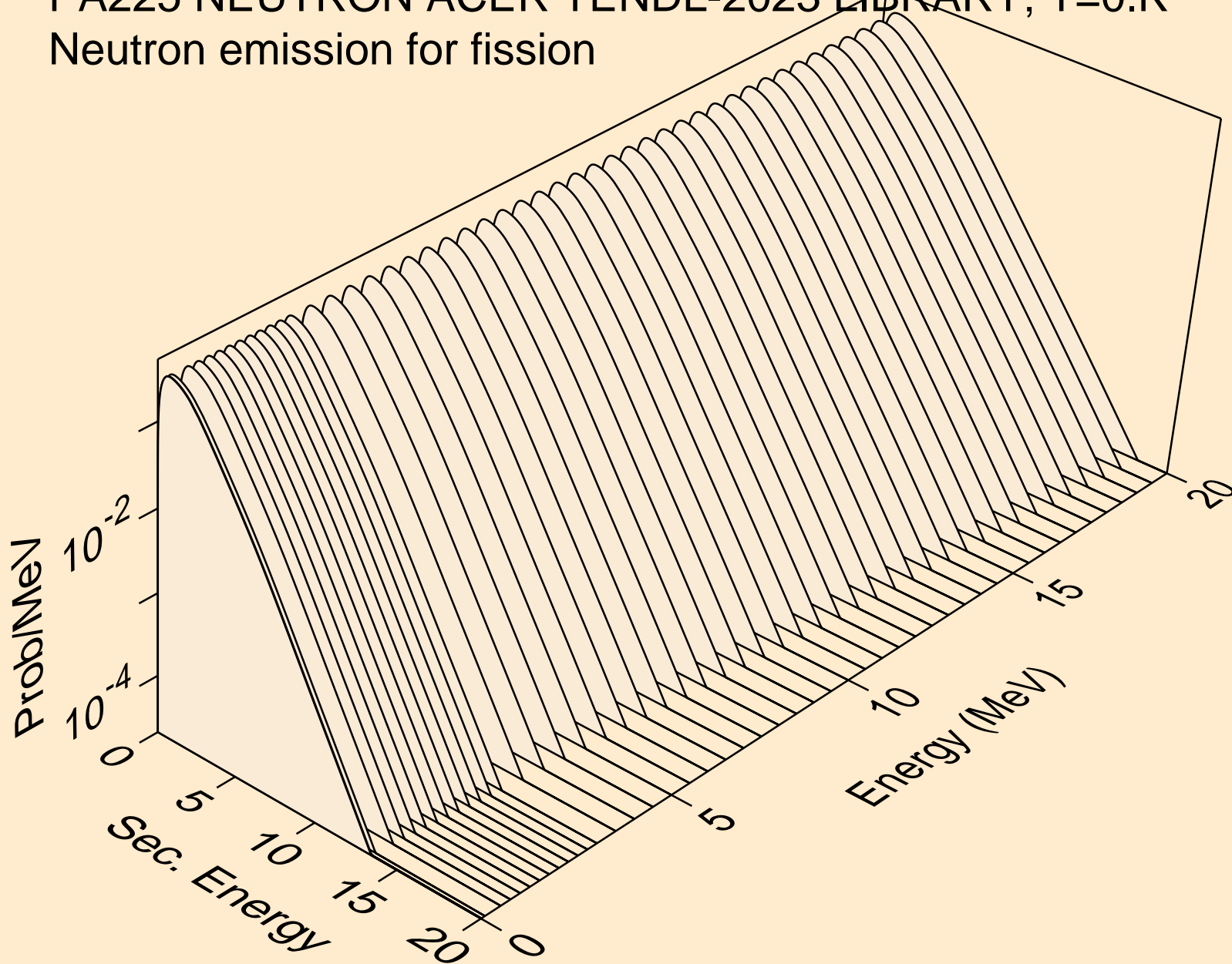
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

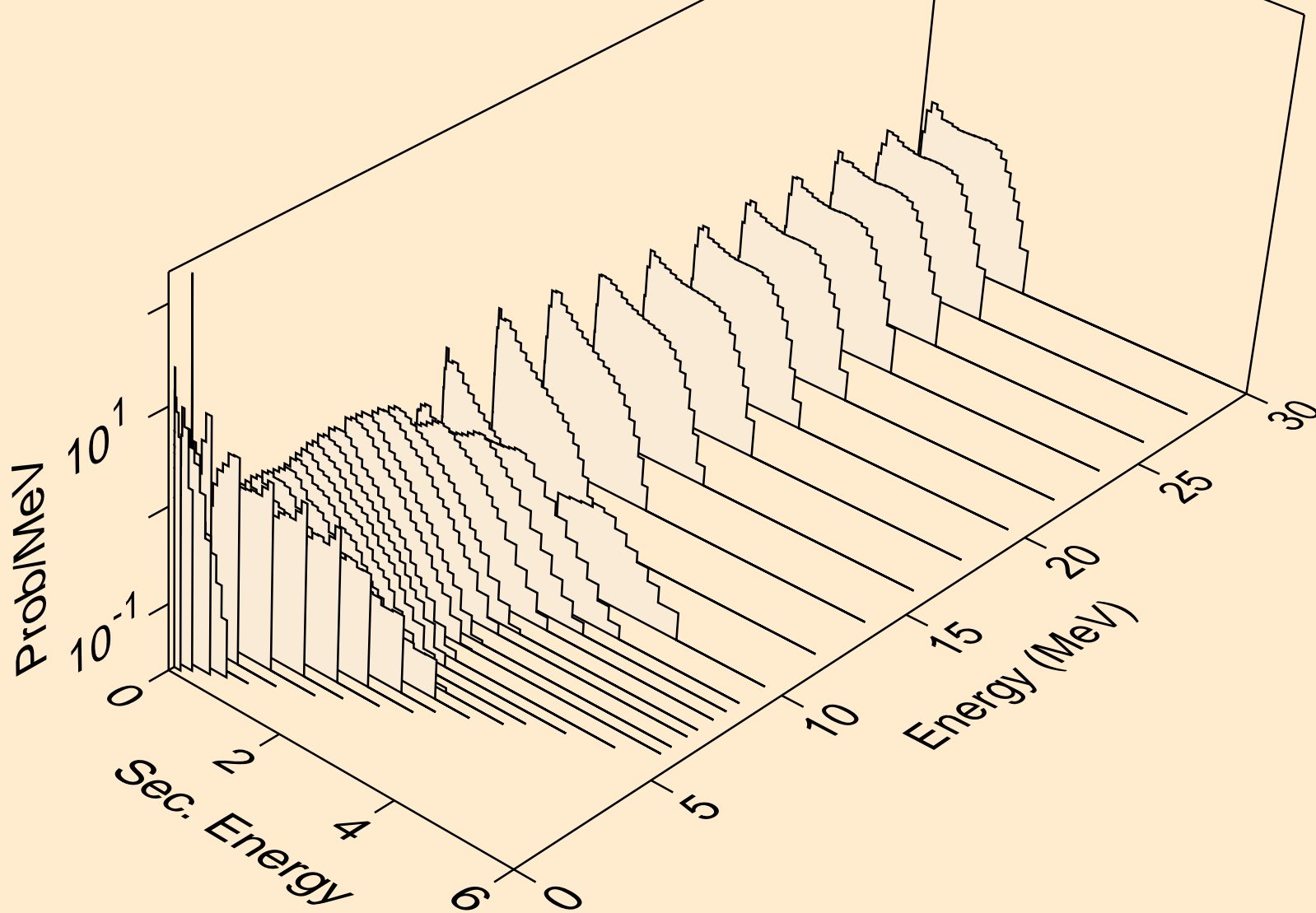


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission

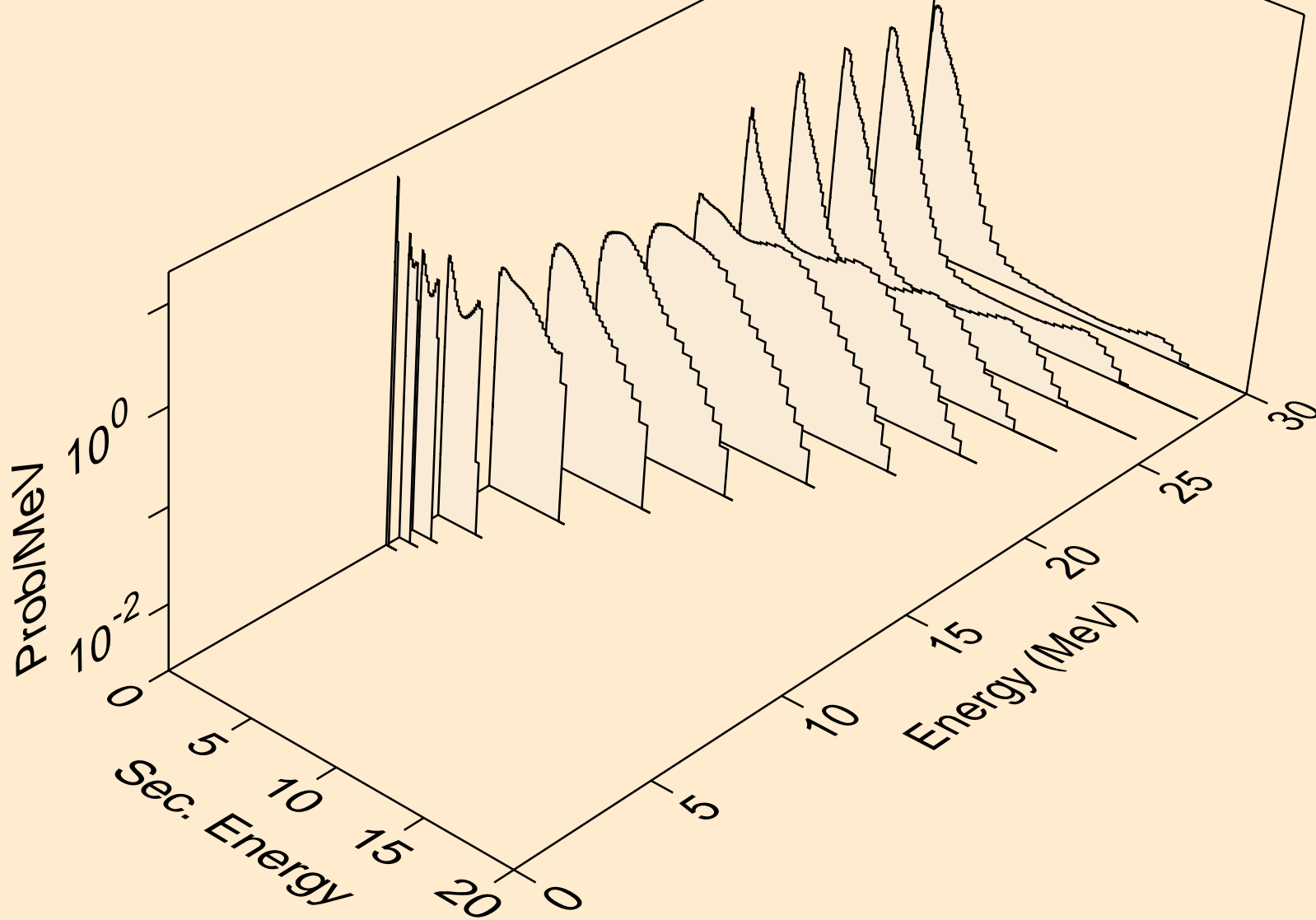




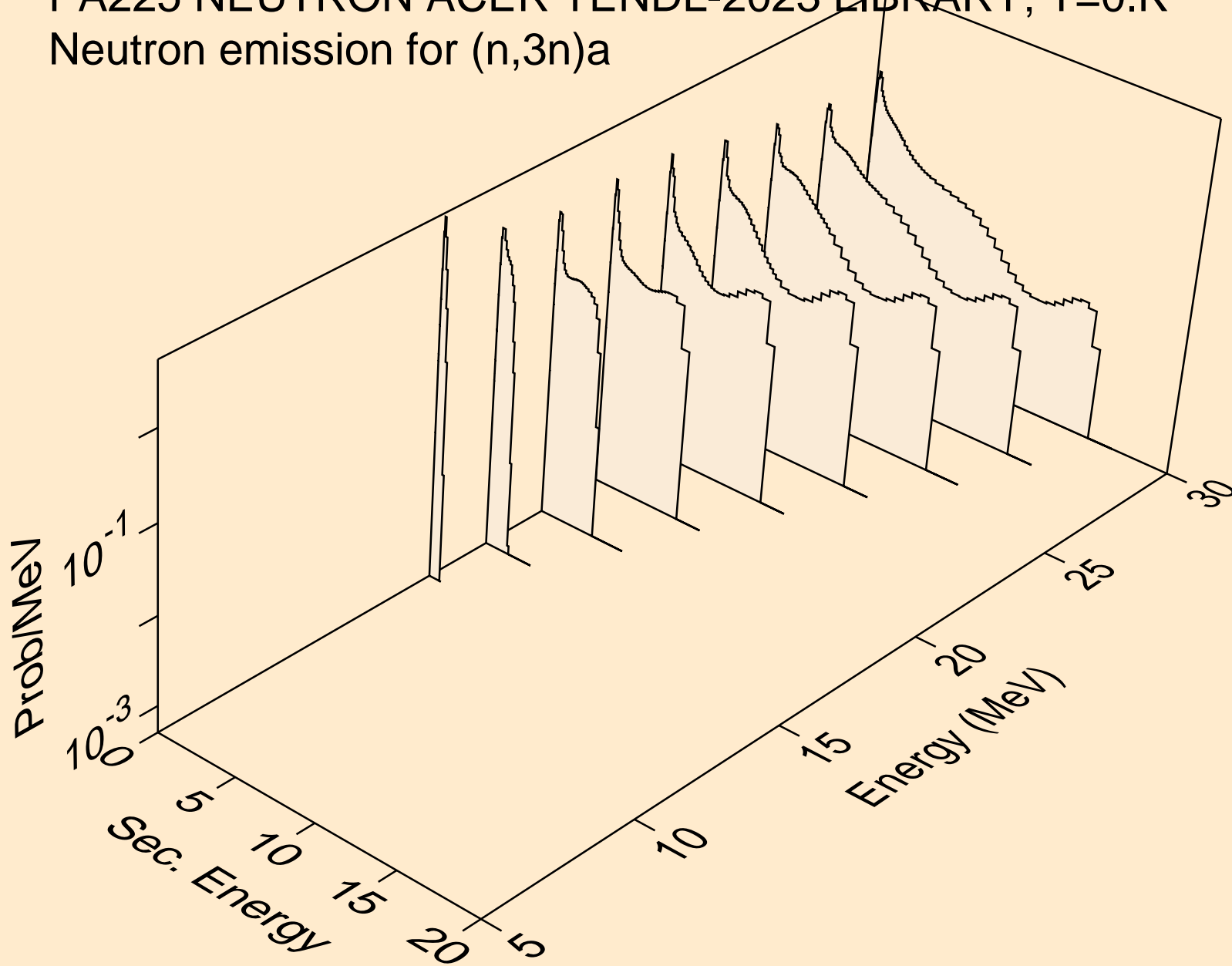
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



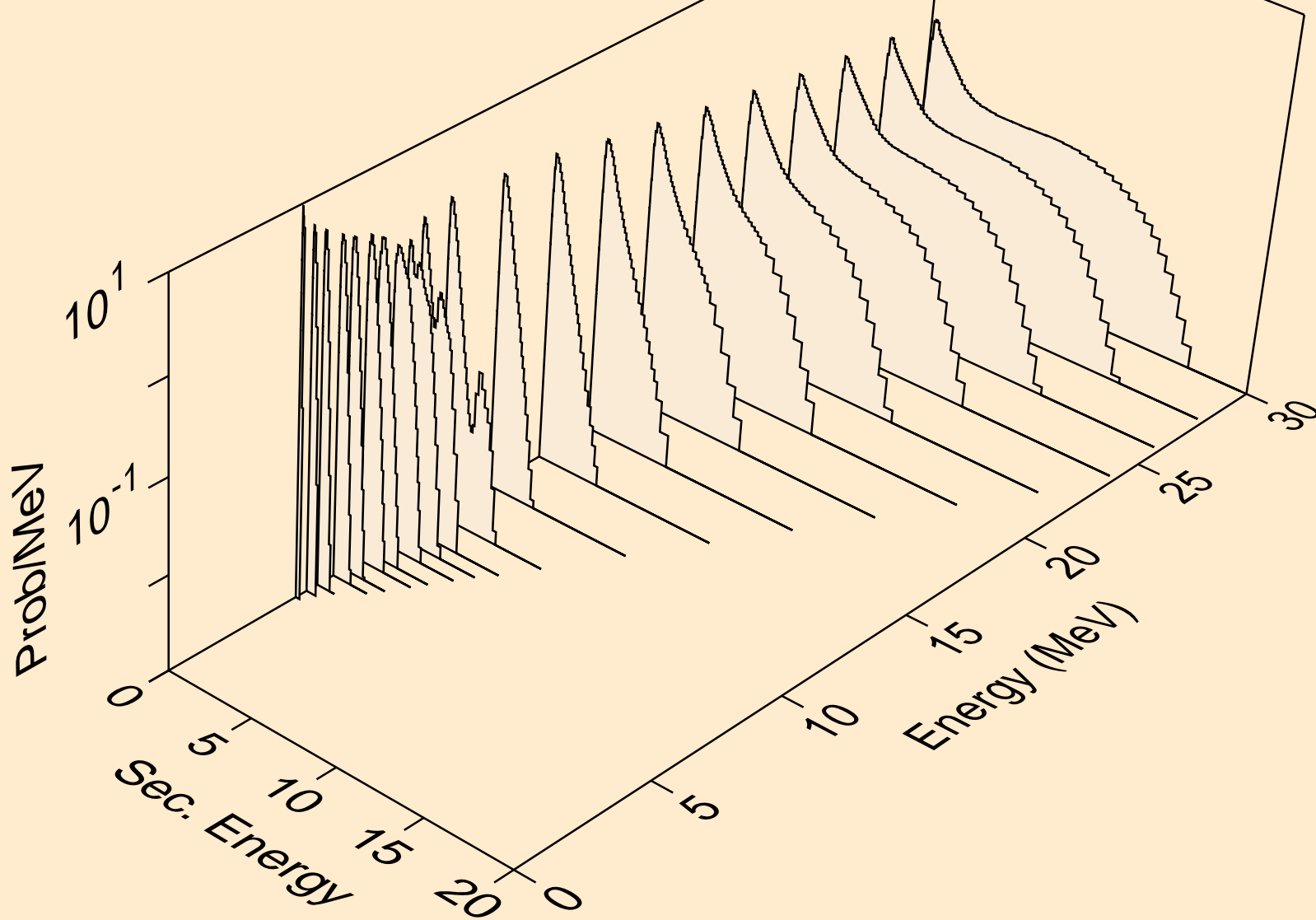
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



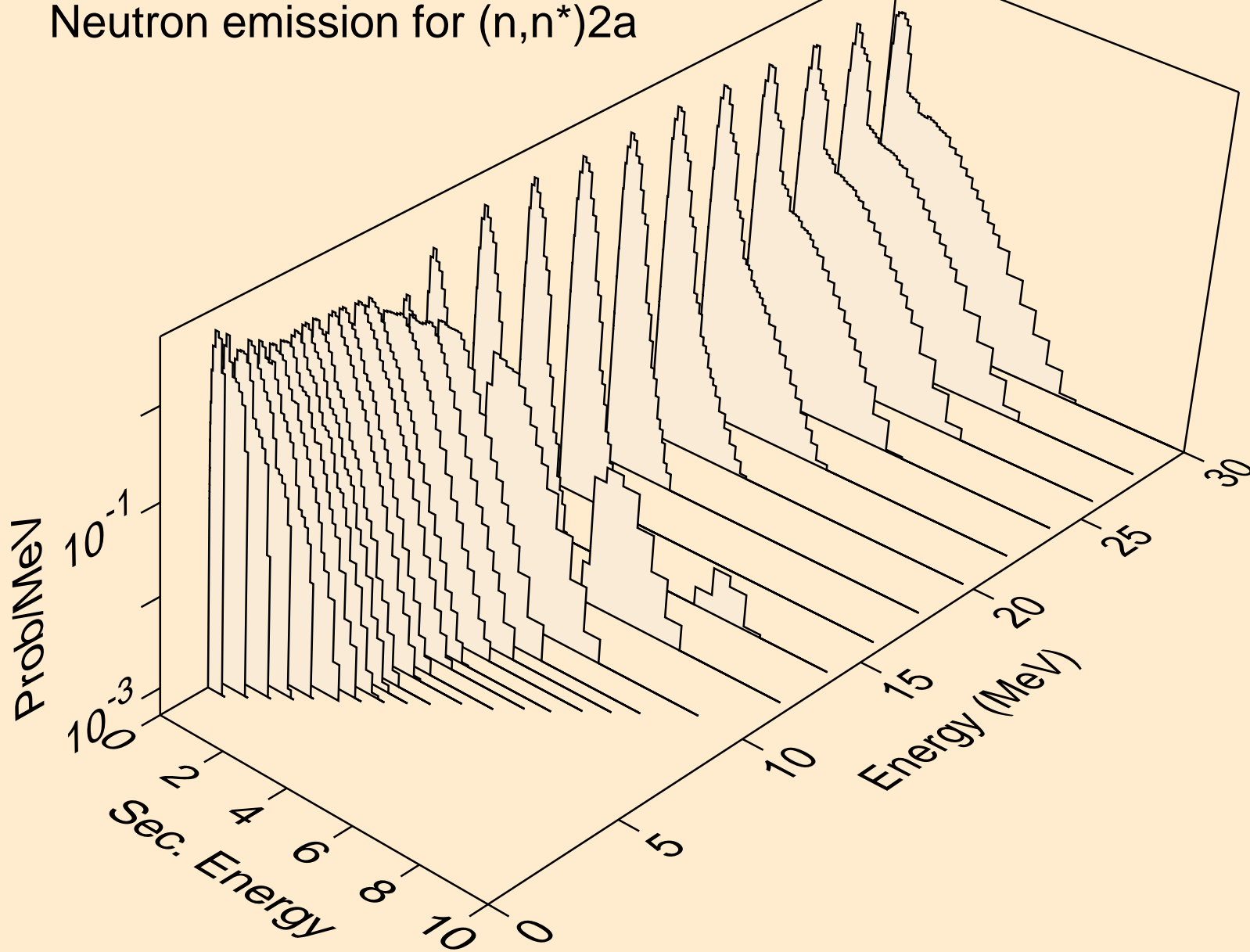
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Neutron emission for (n,3n)a



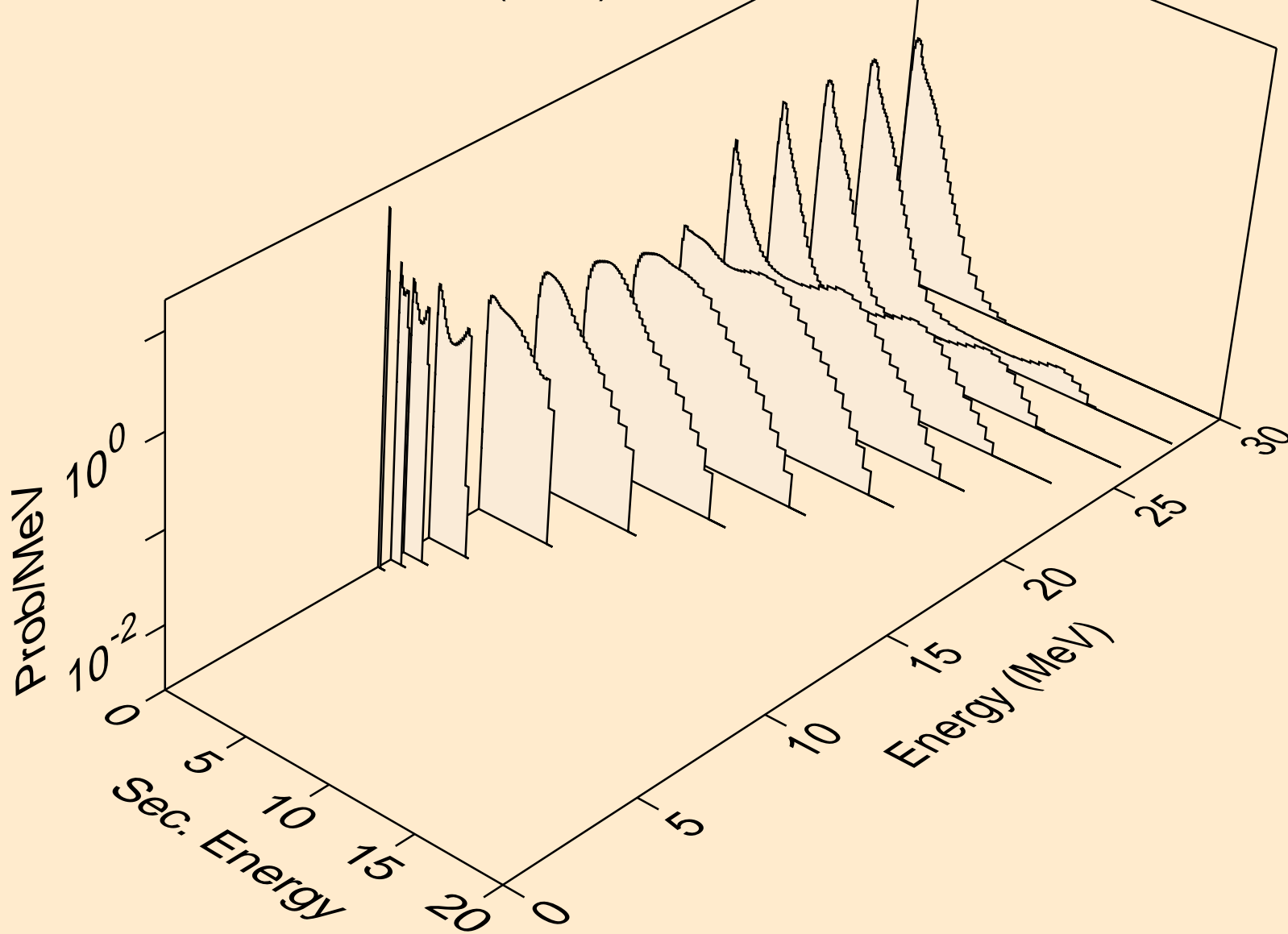
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



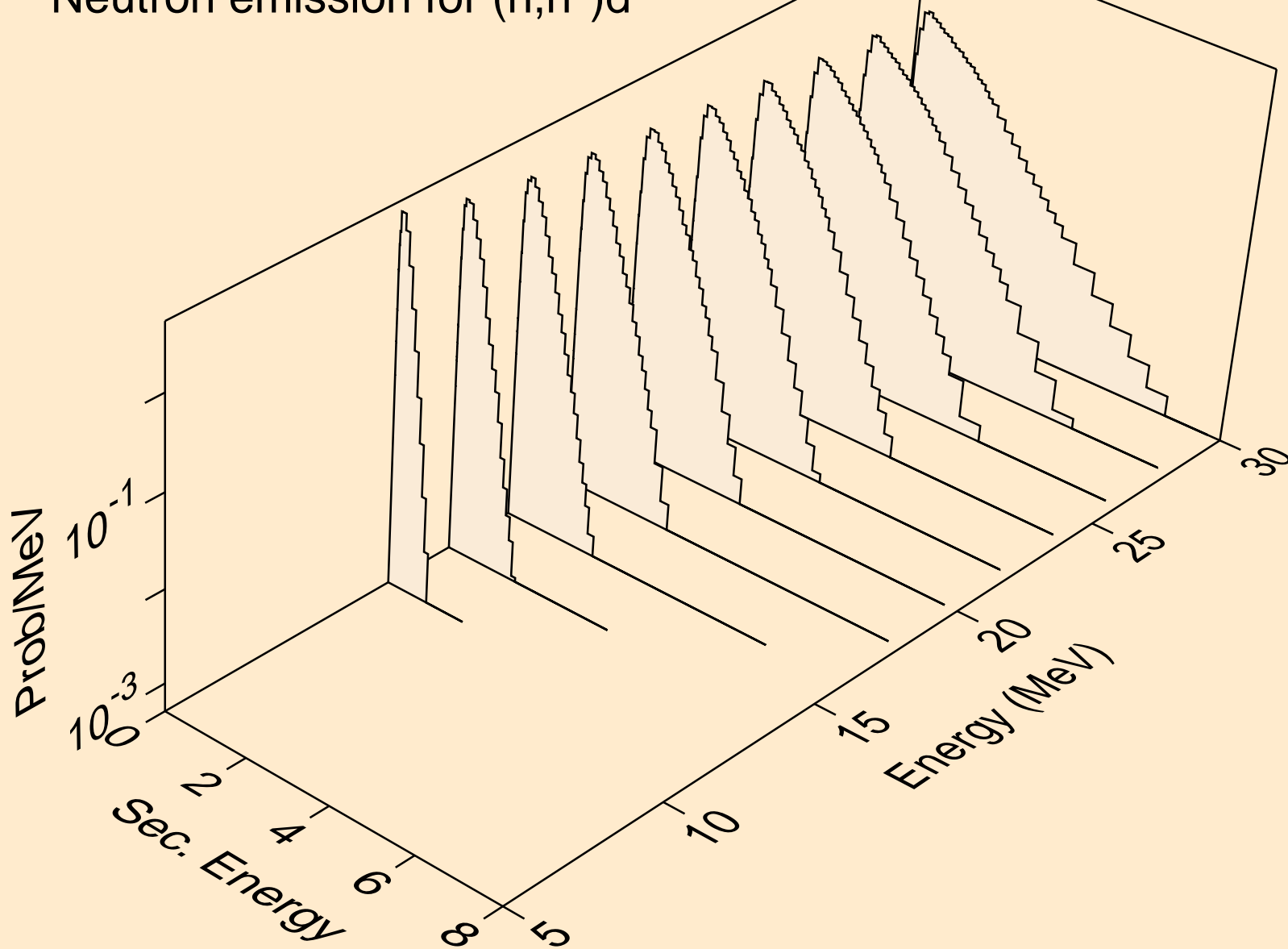
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Neutron emission for (n,n\*)2a



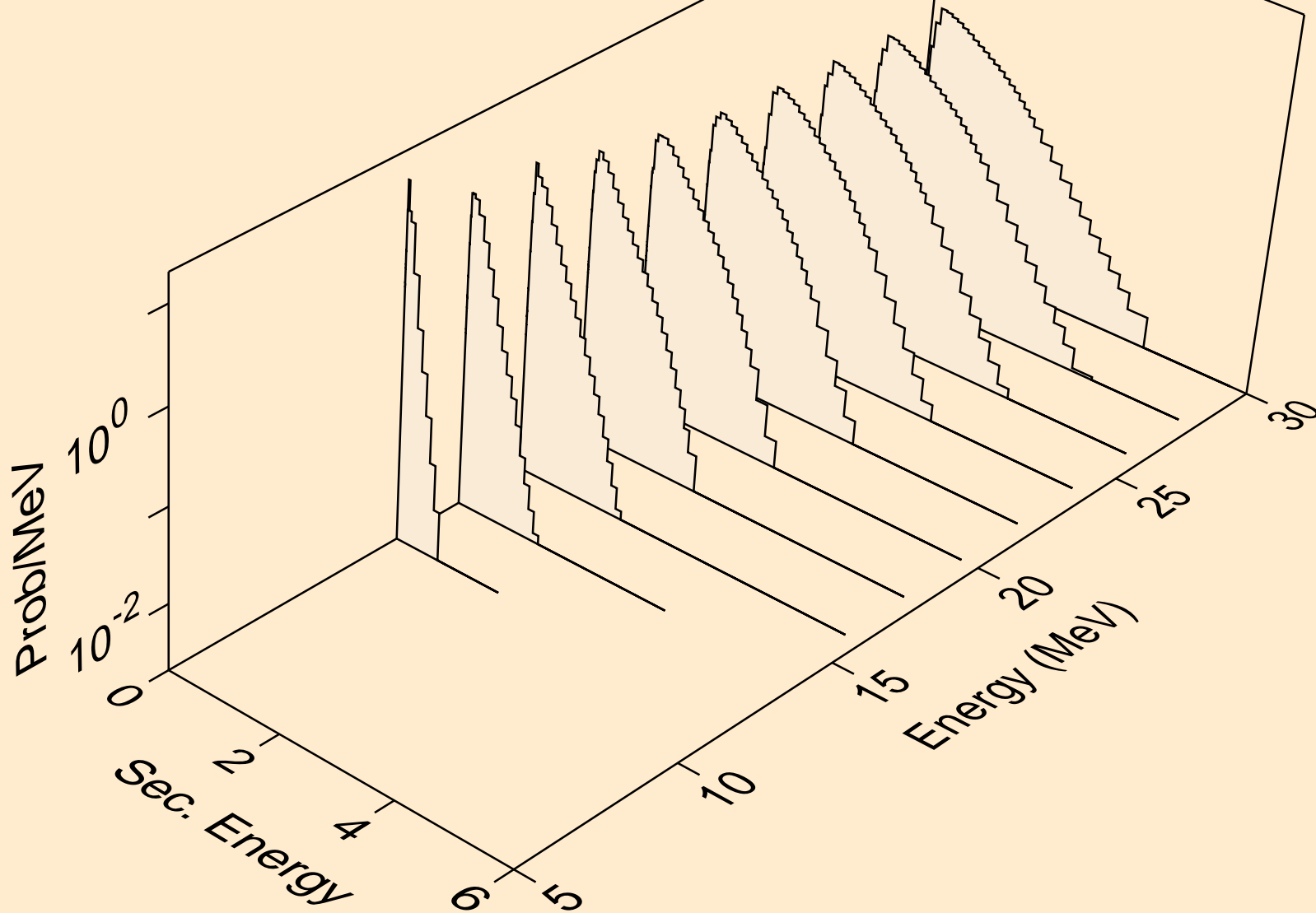
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

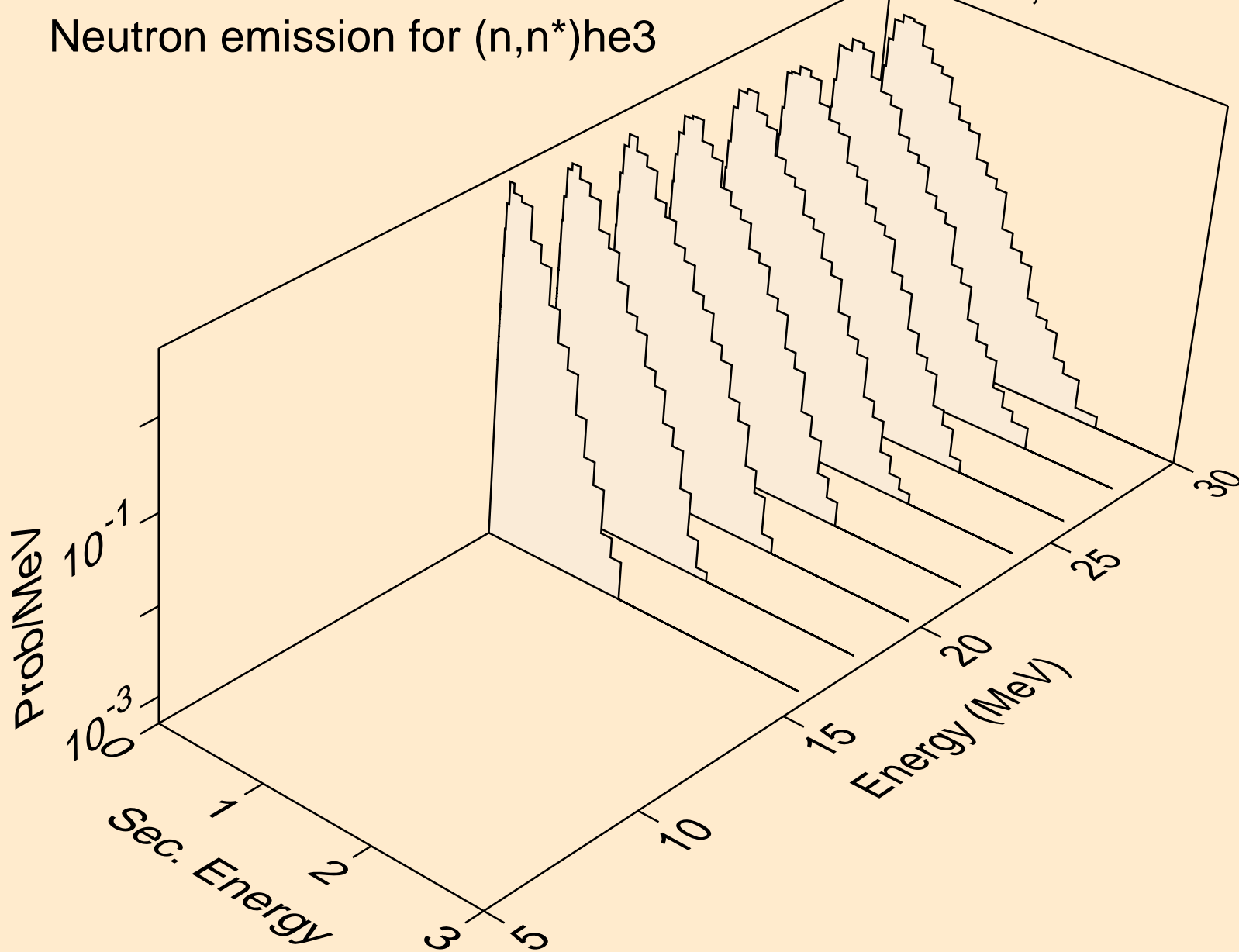


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

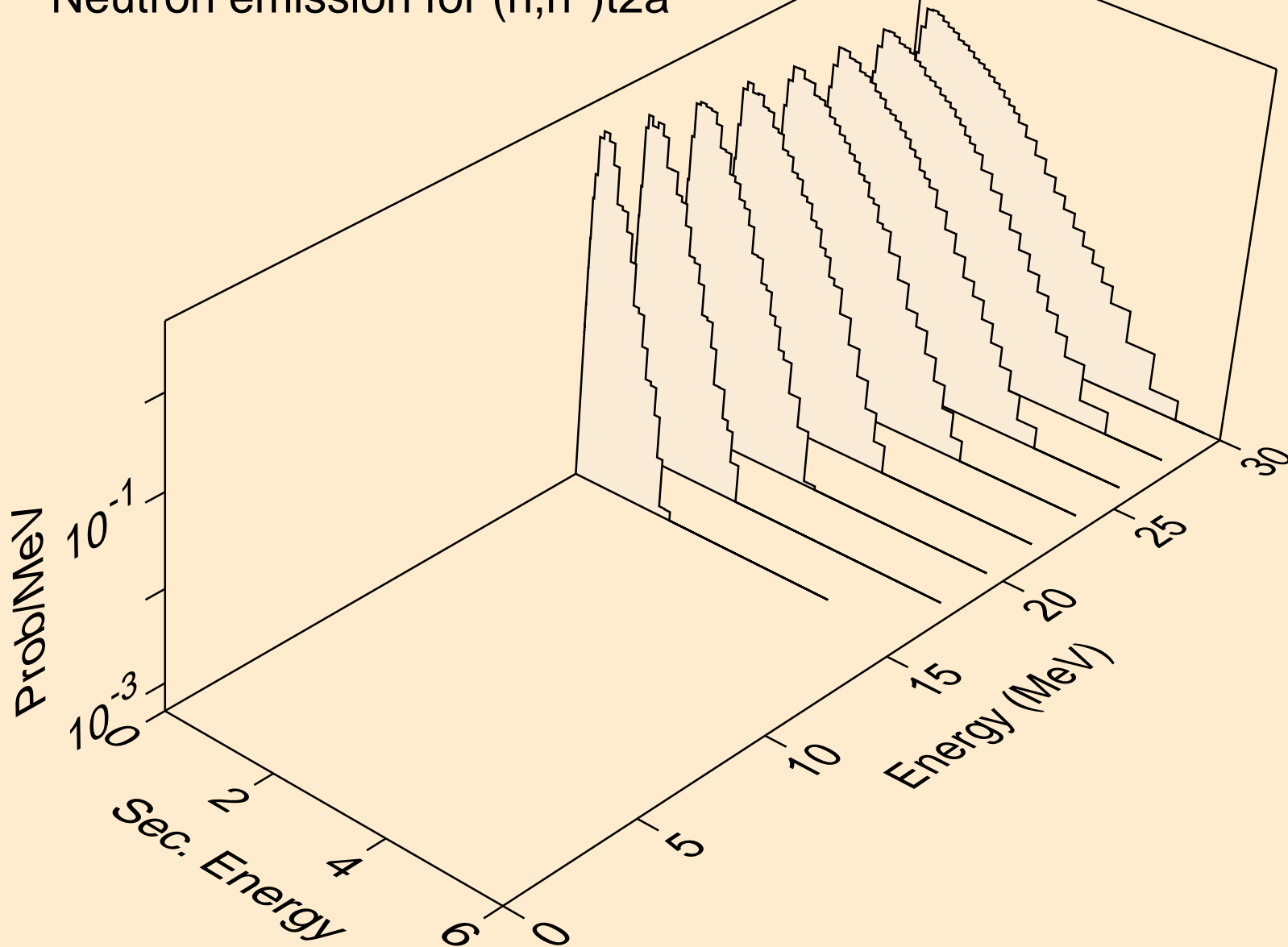




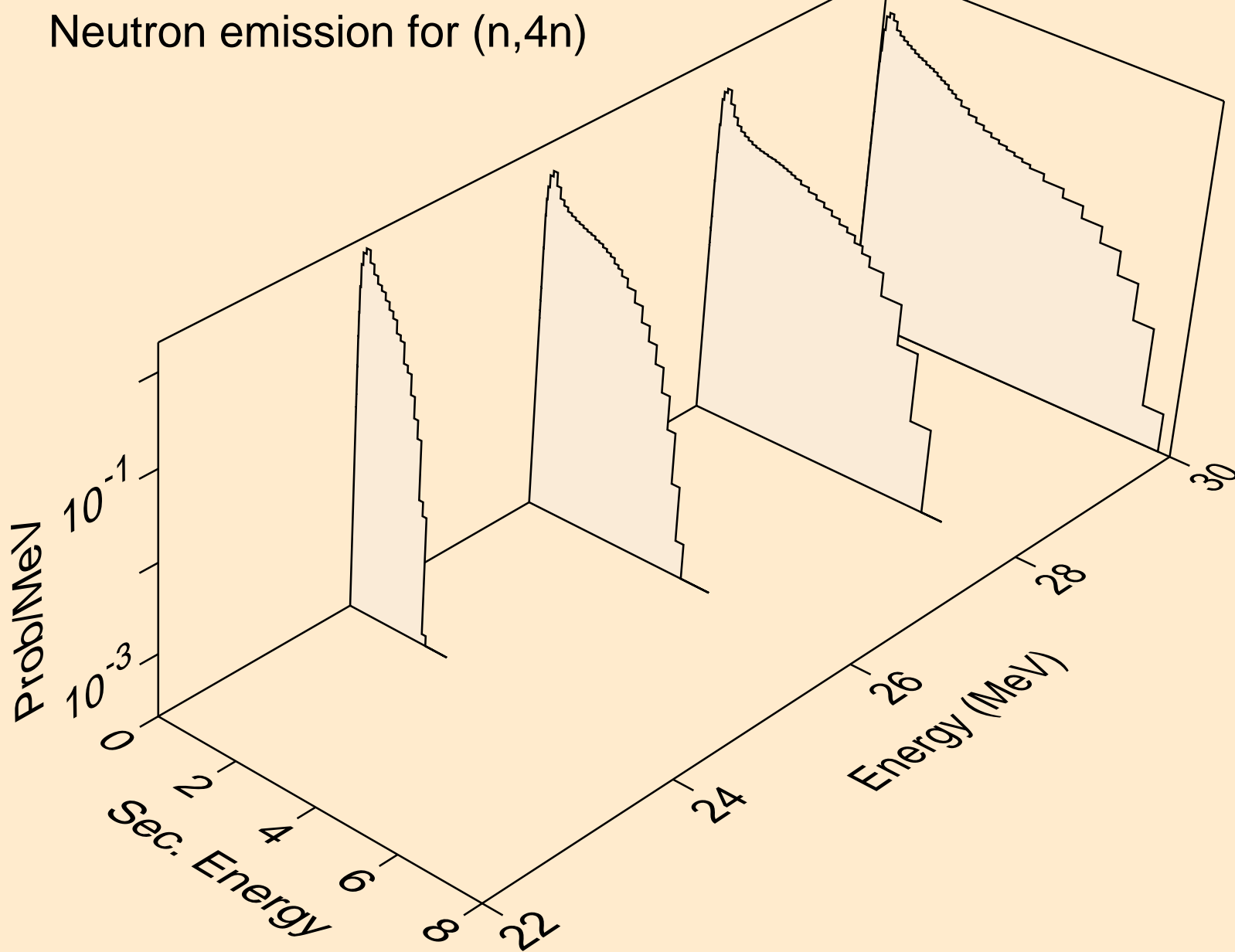
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



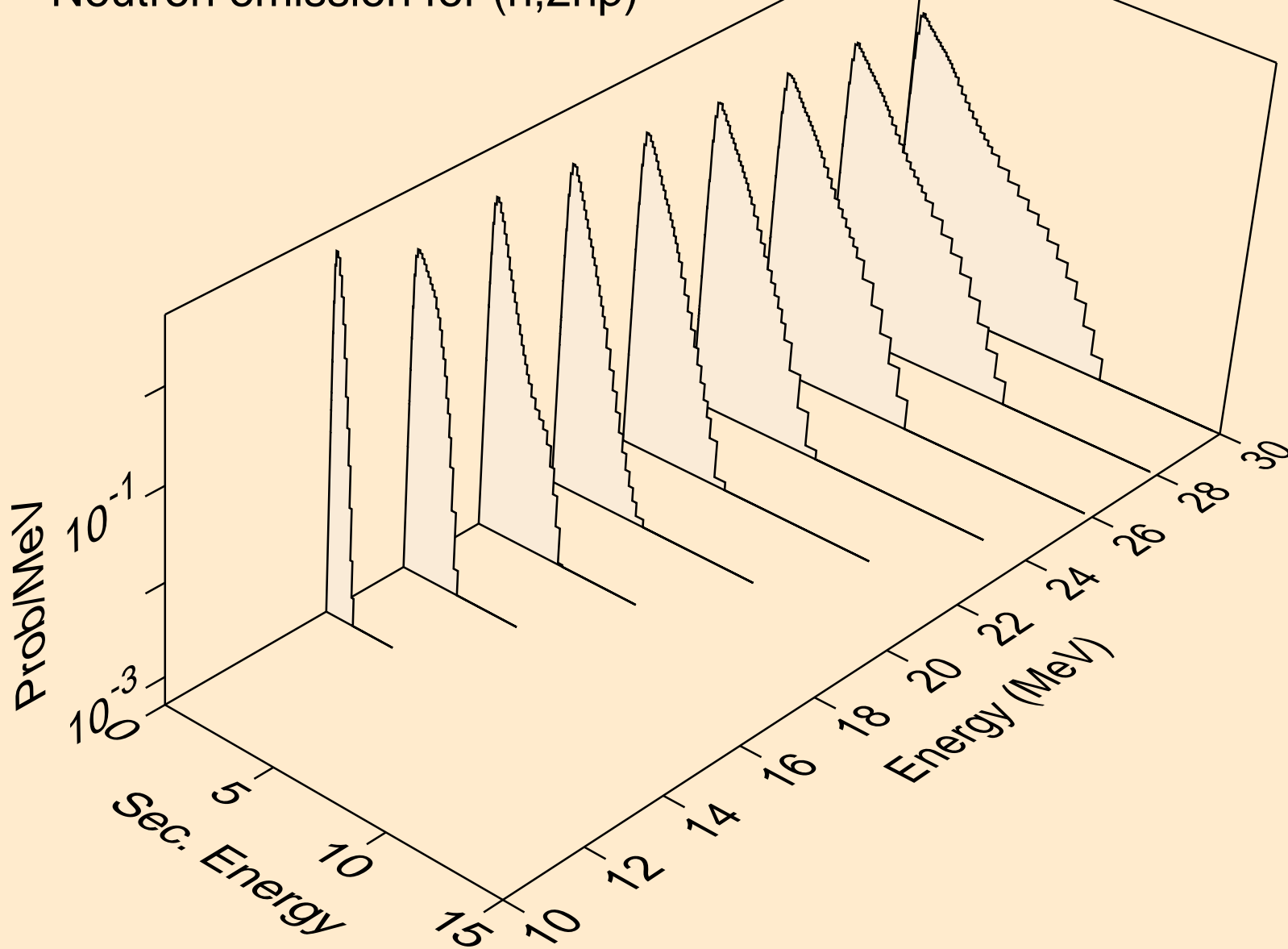
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t2a



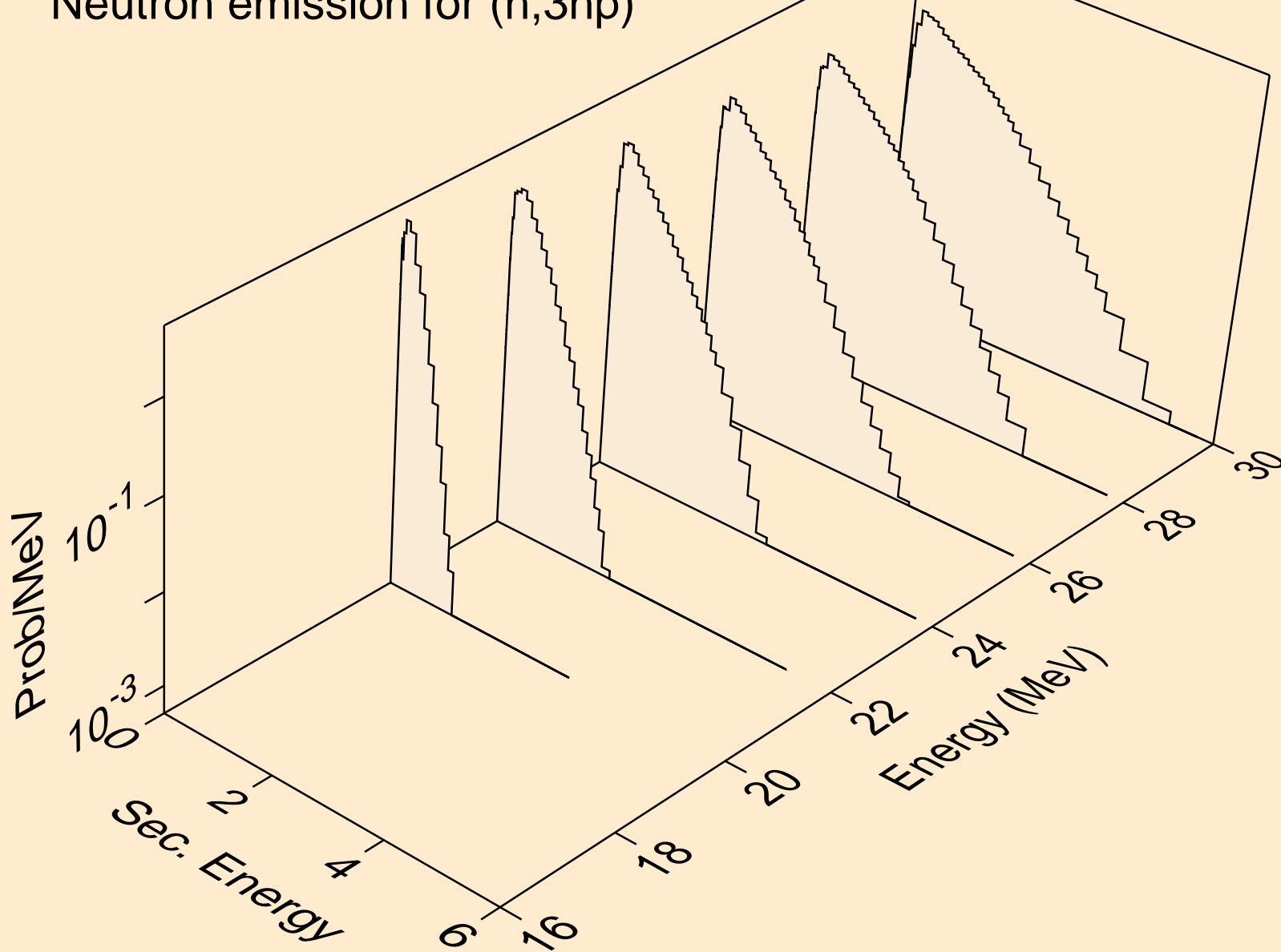
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



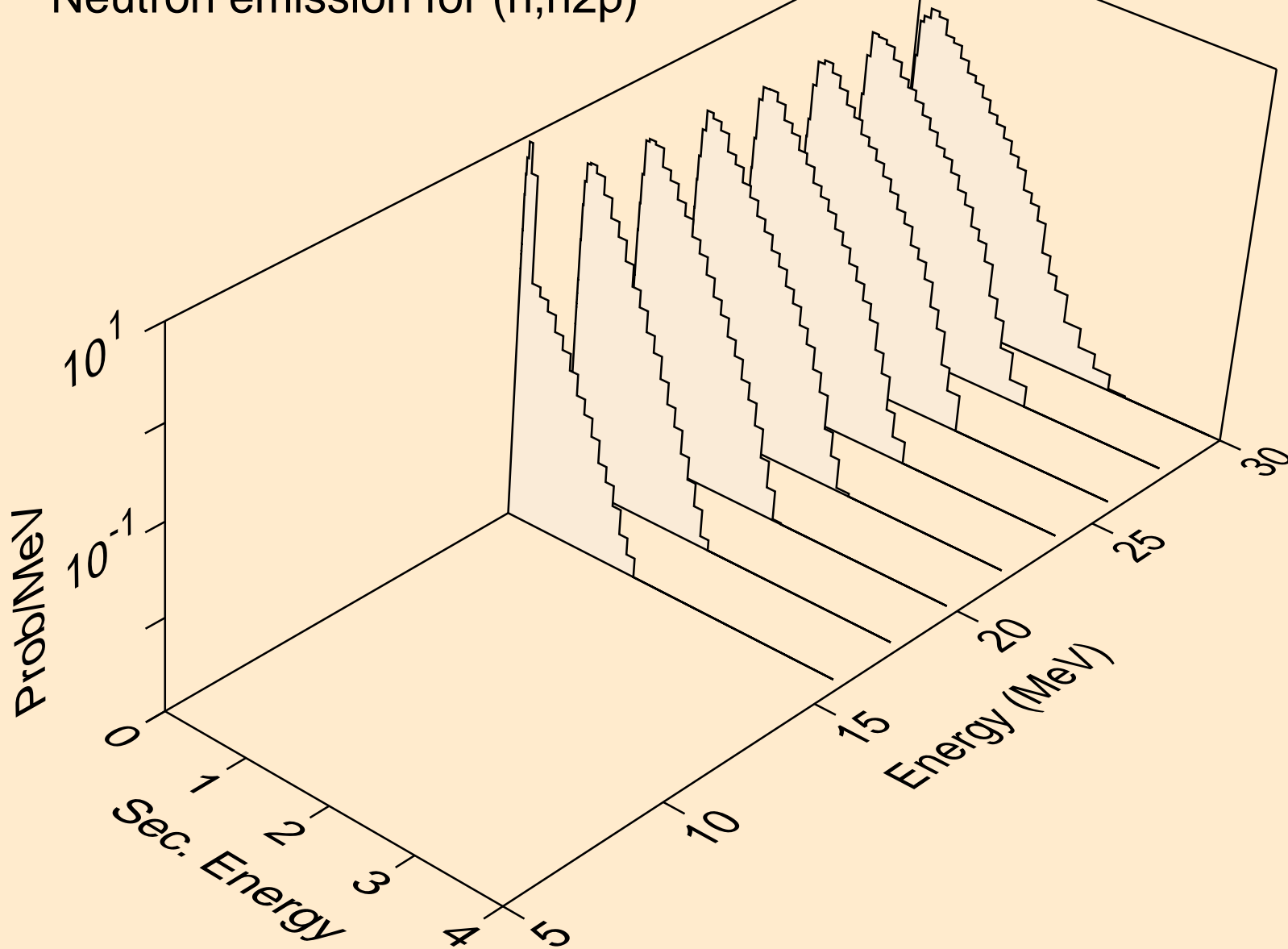
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



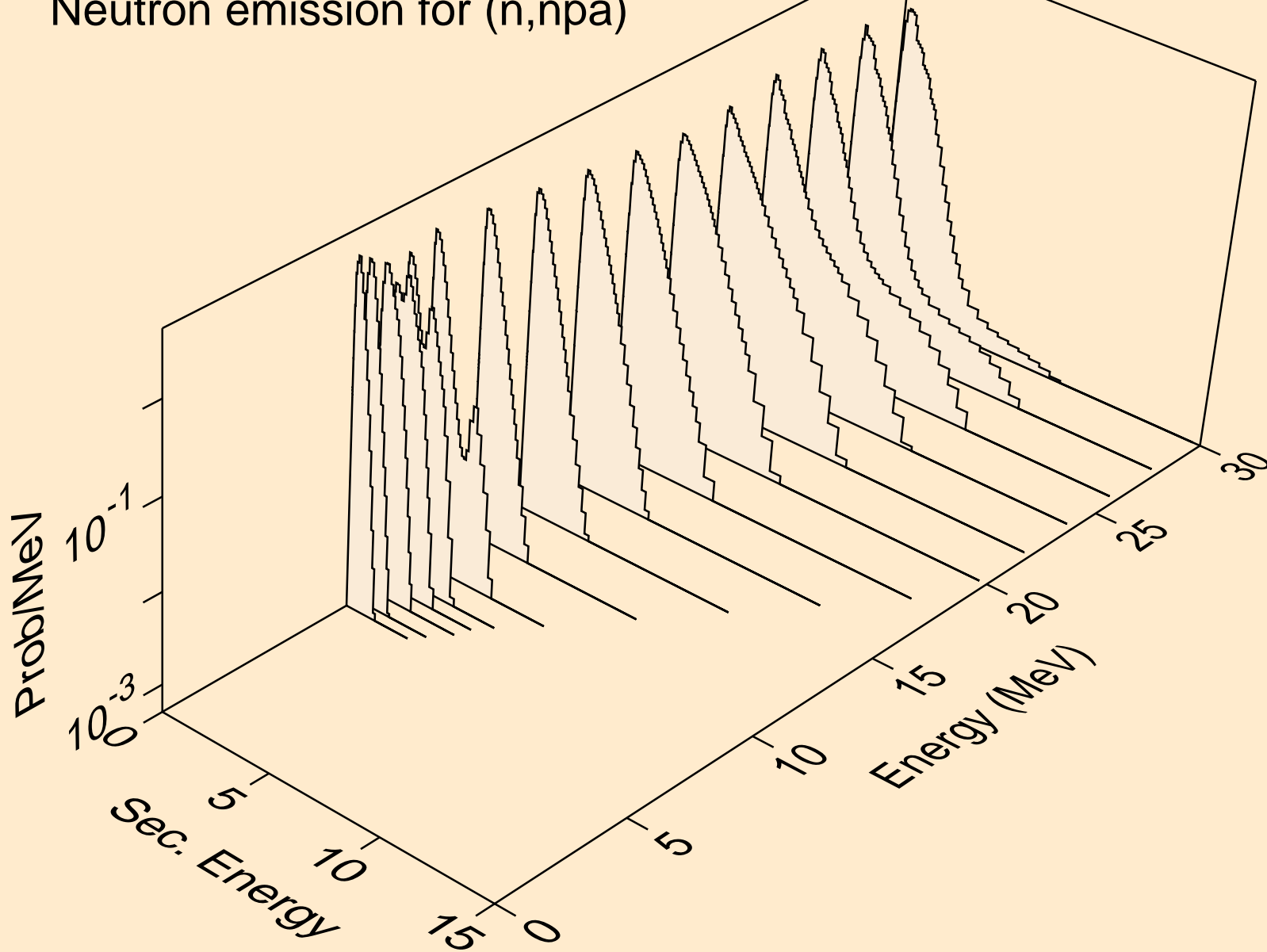
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



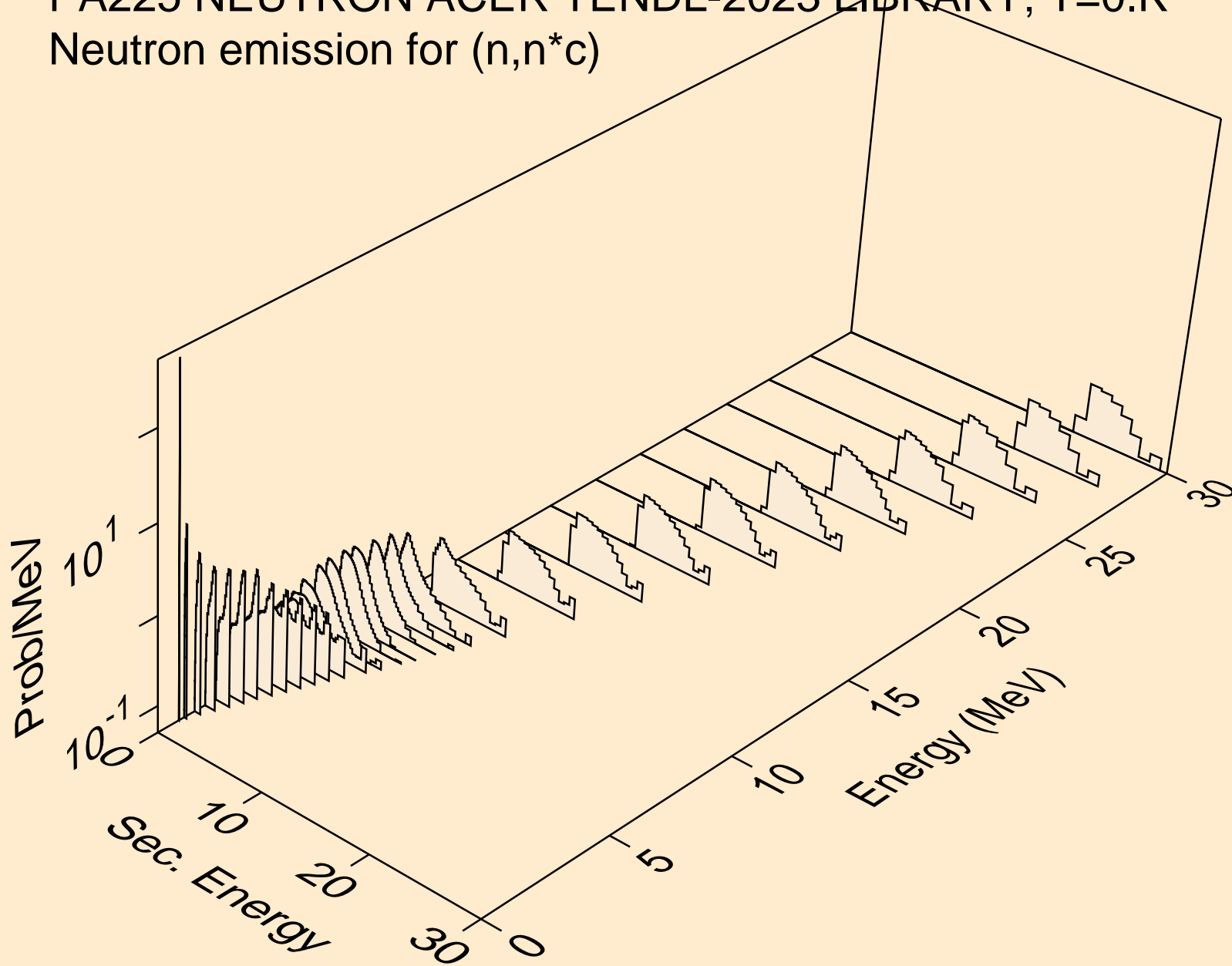
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



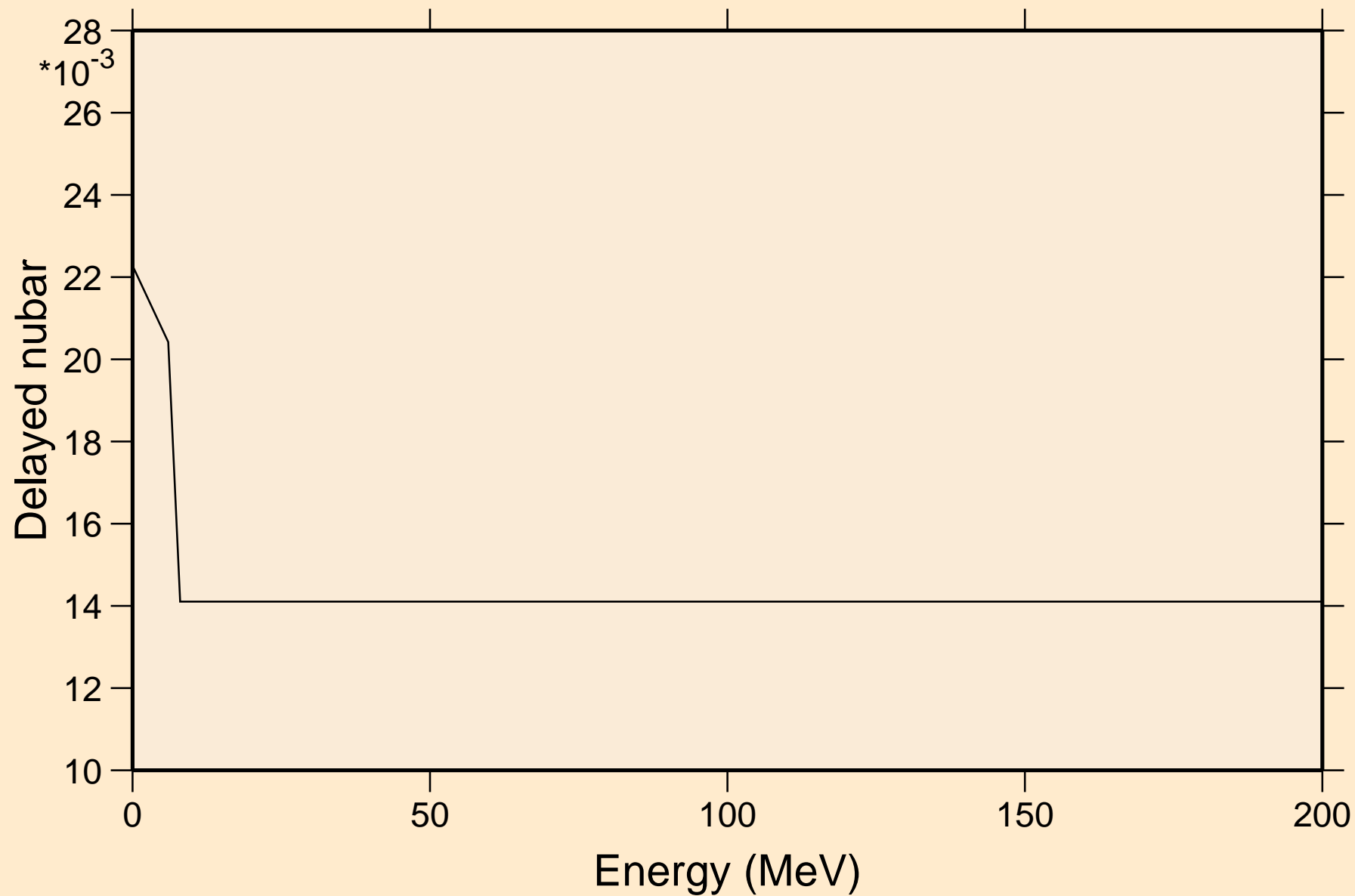
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)





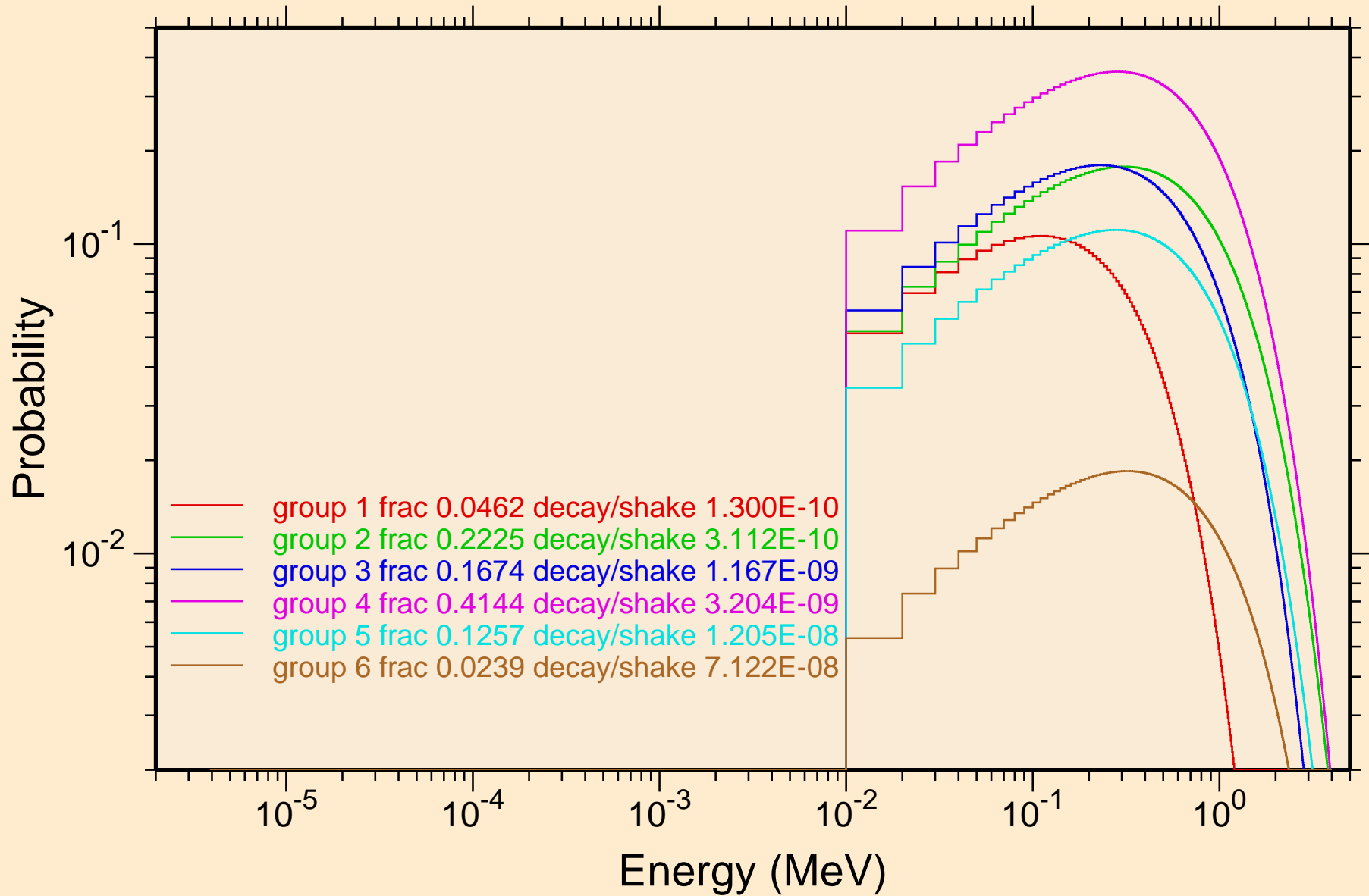
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

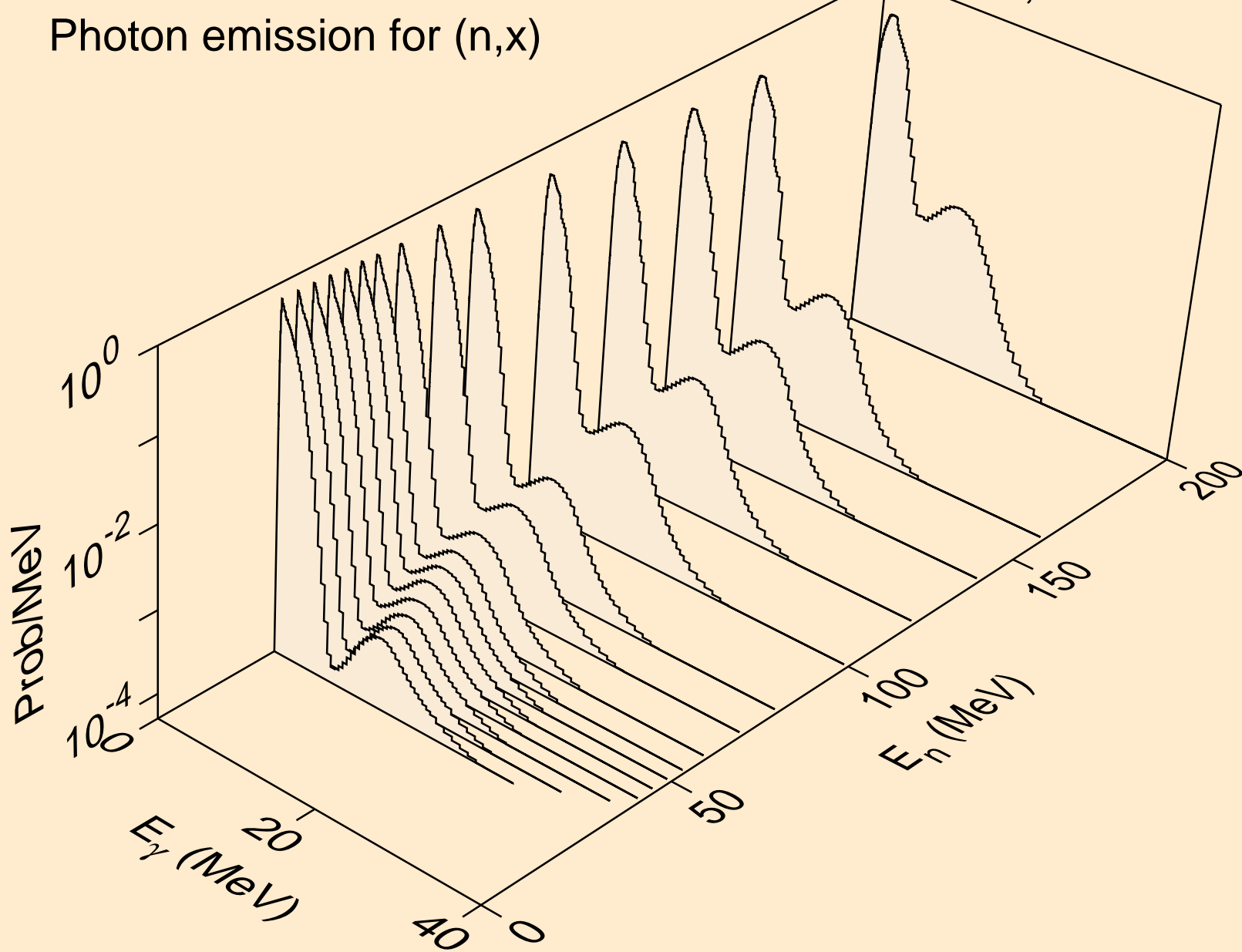


# PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

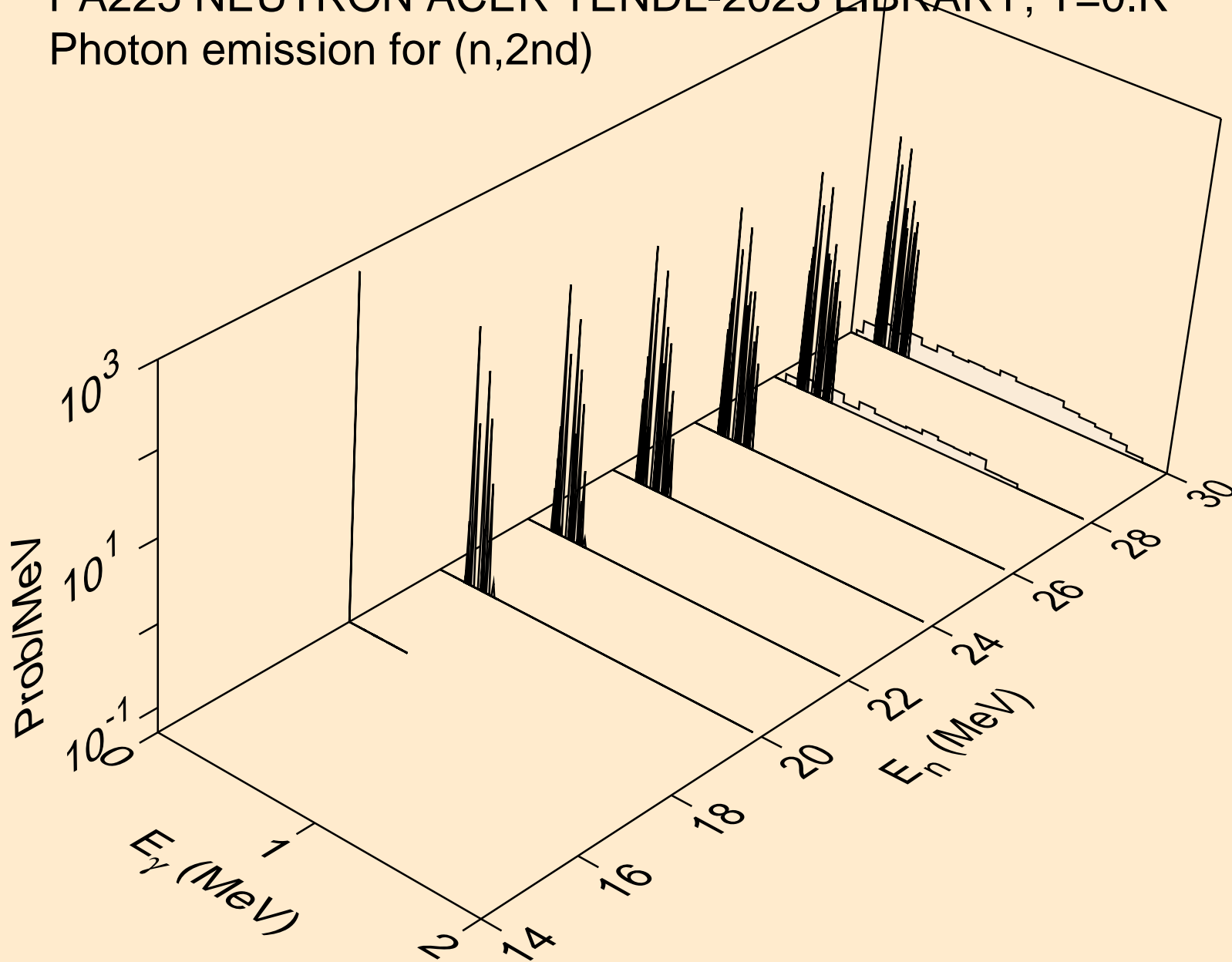
## Delayed neutron spectra



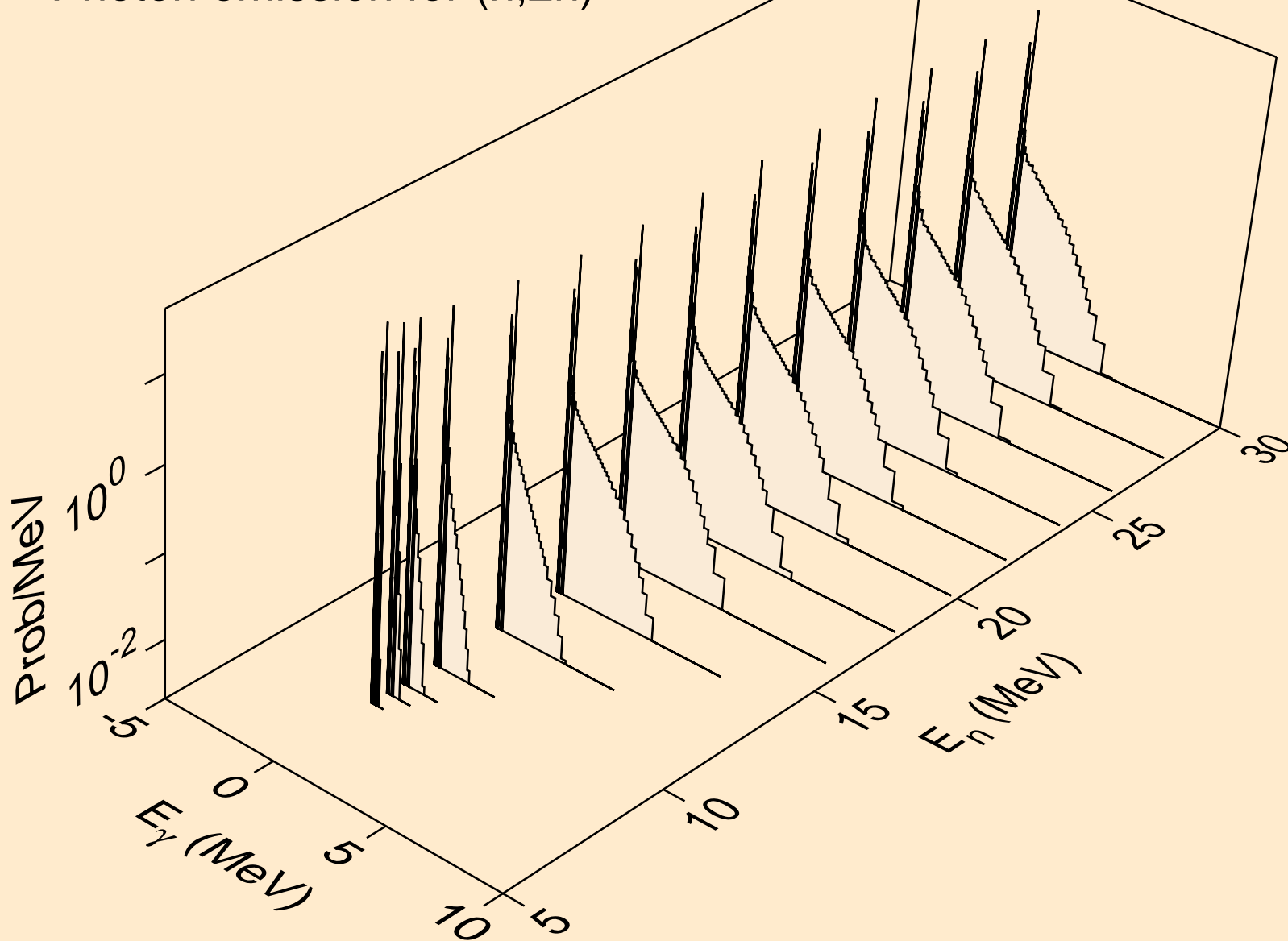
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



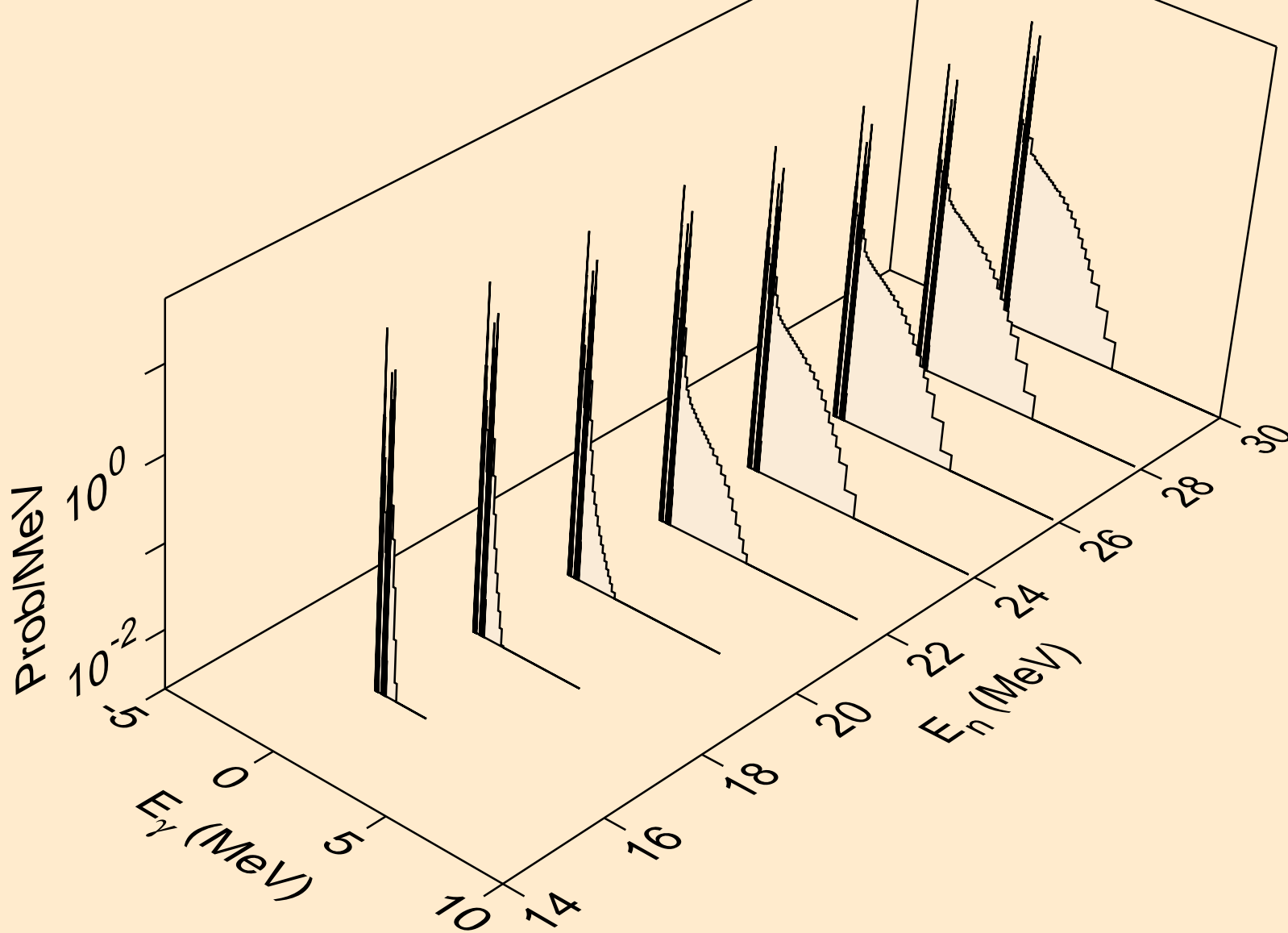
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



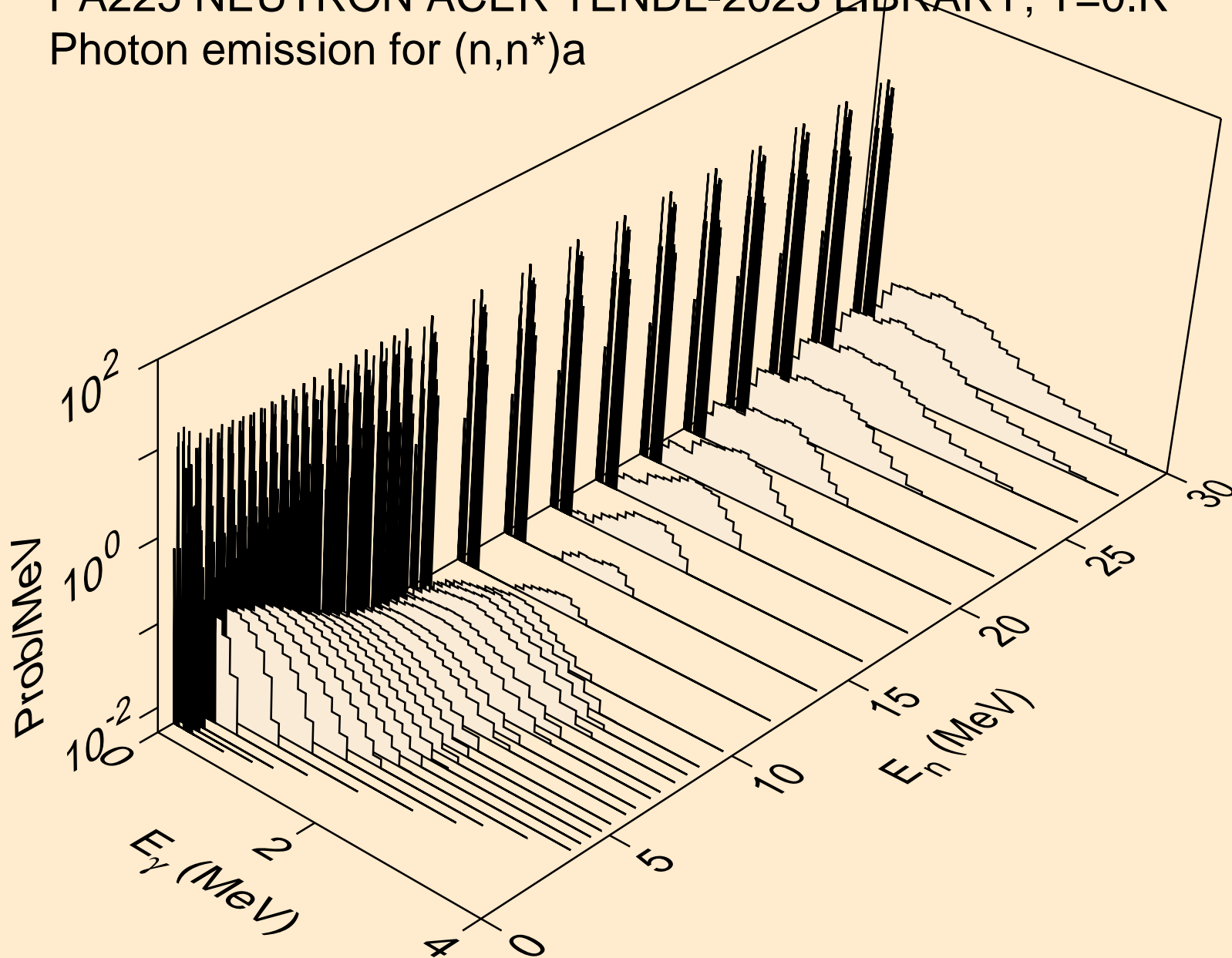
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



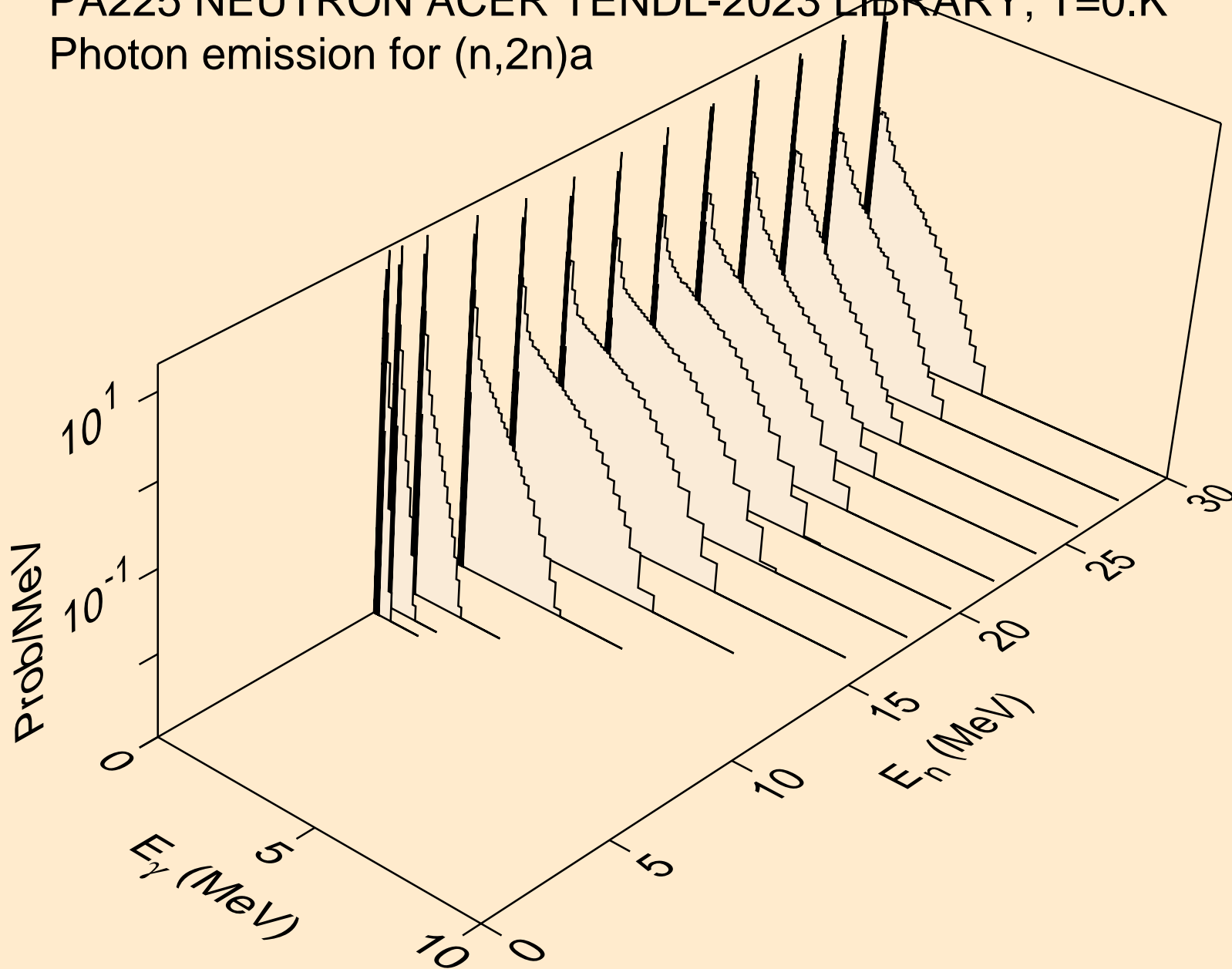
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

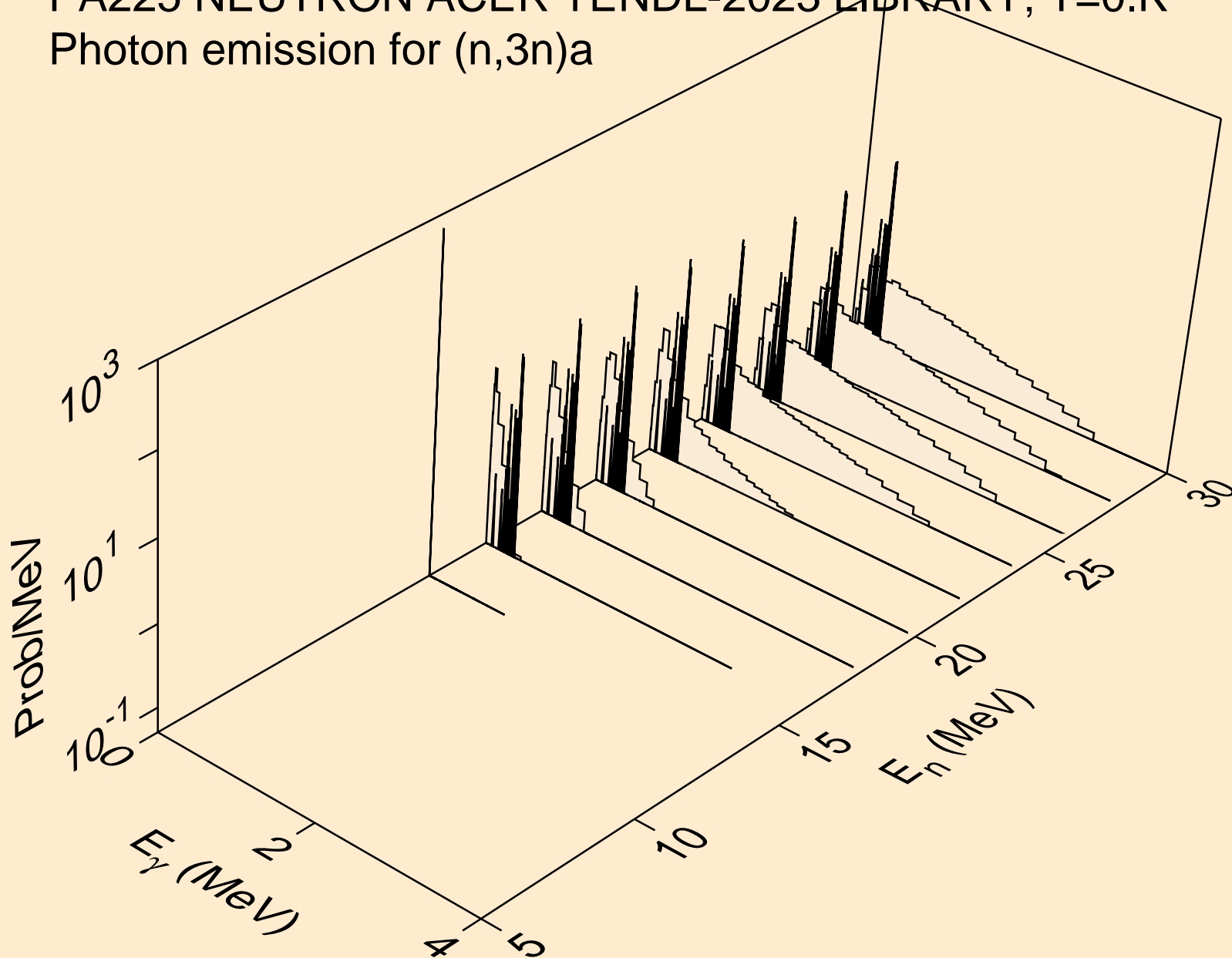


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Photon emission for (n,2n)a

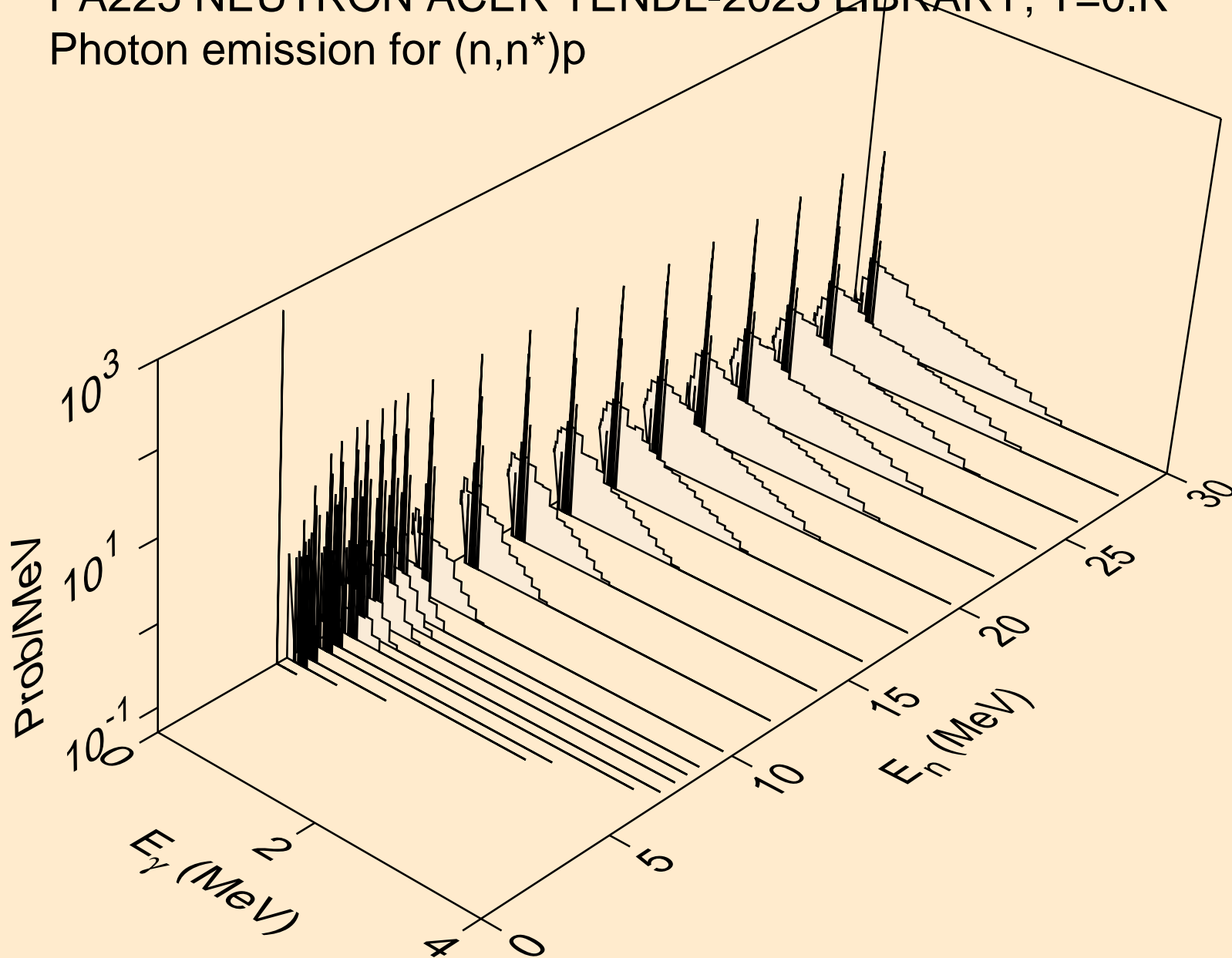




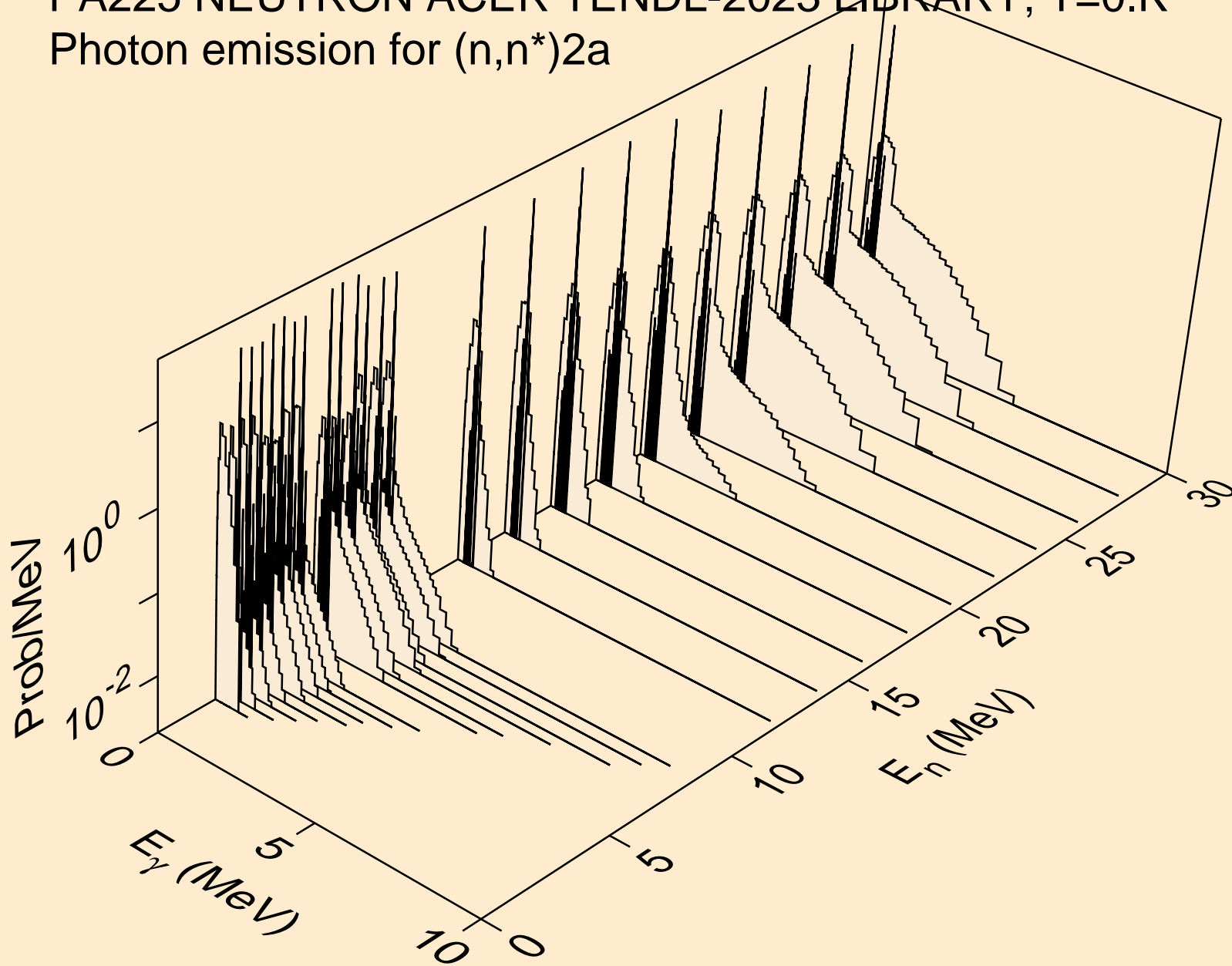
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Photon emission for (n,3n)a



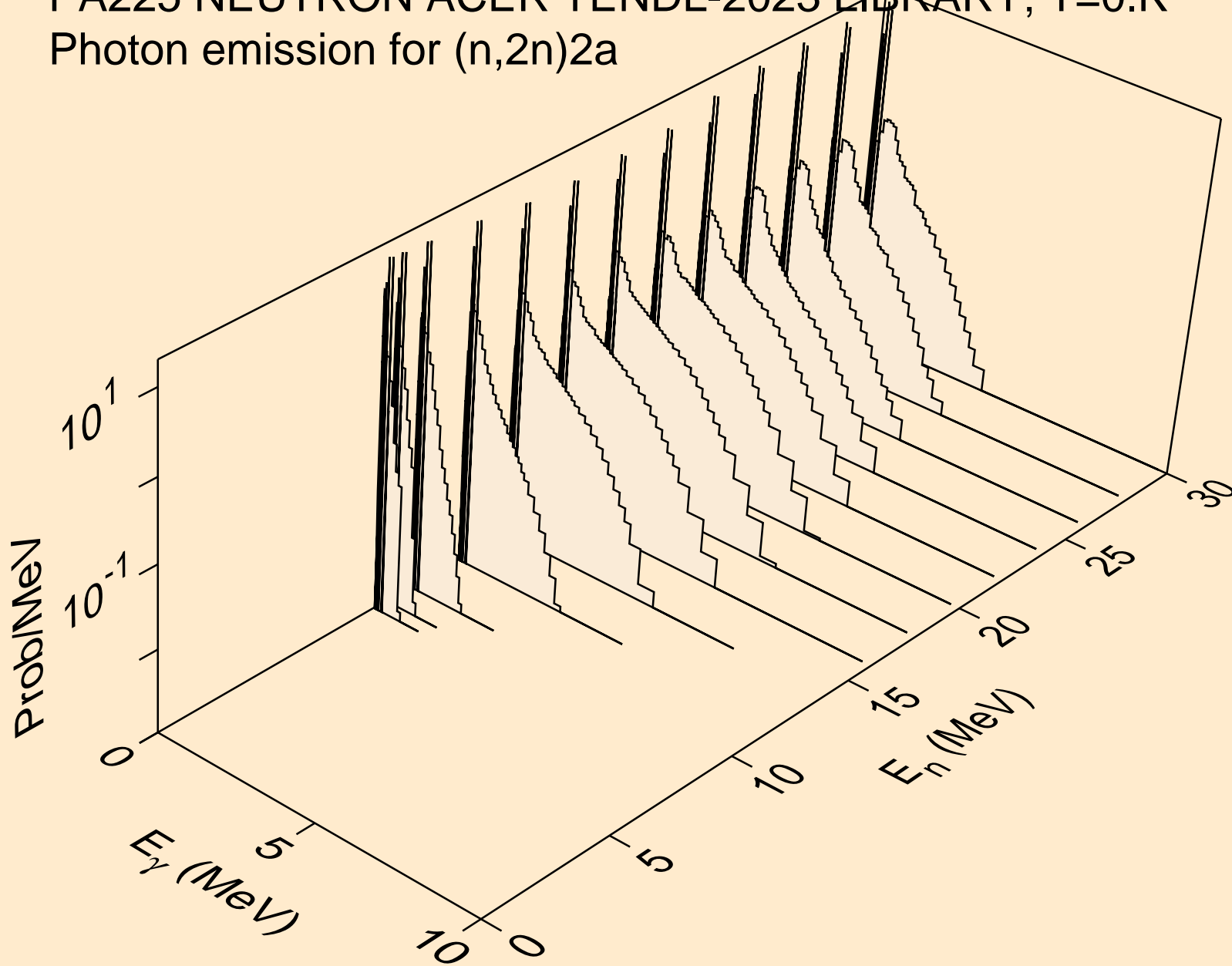
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Photon emission for (n,n\*)p



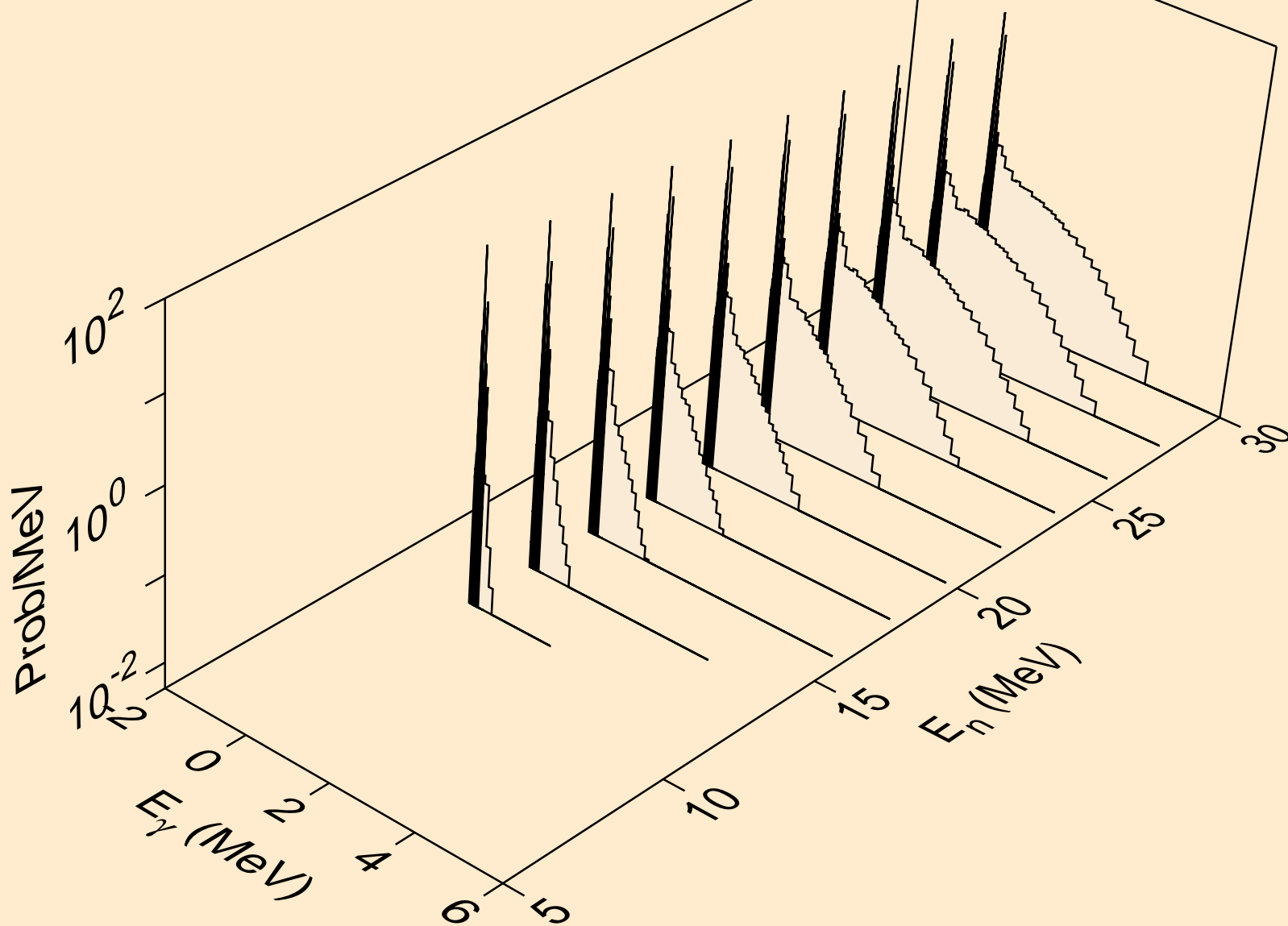
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Photon emission for (n,n\*)2a



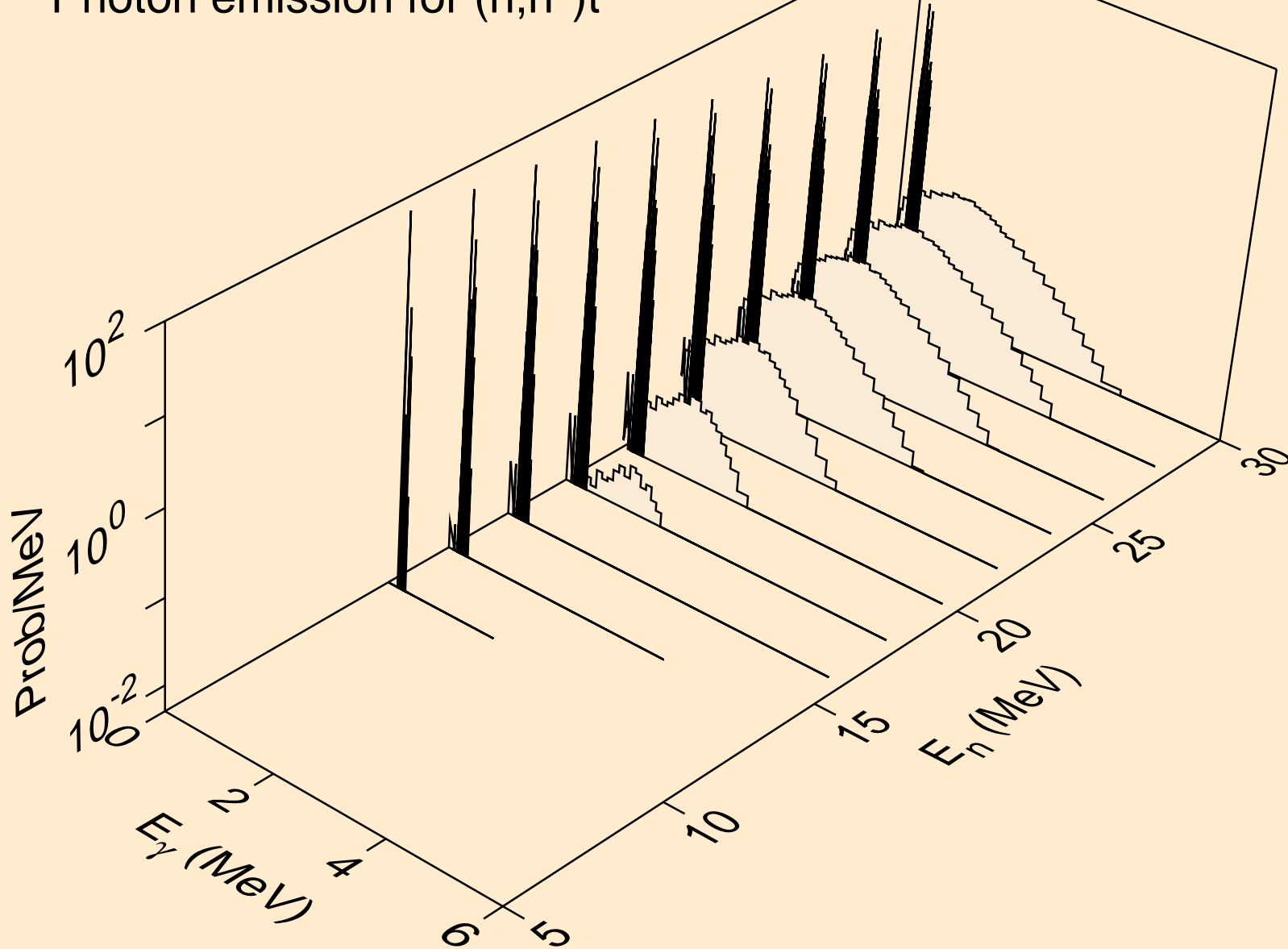
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Photon emission for (n,2n)2a



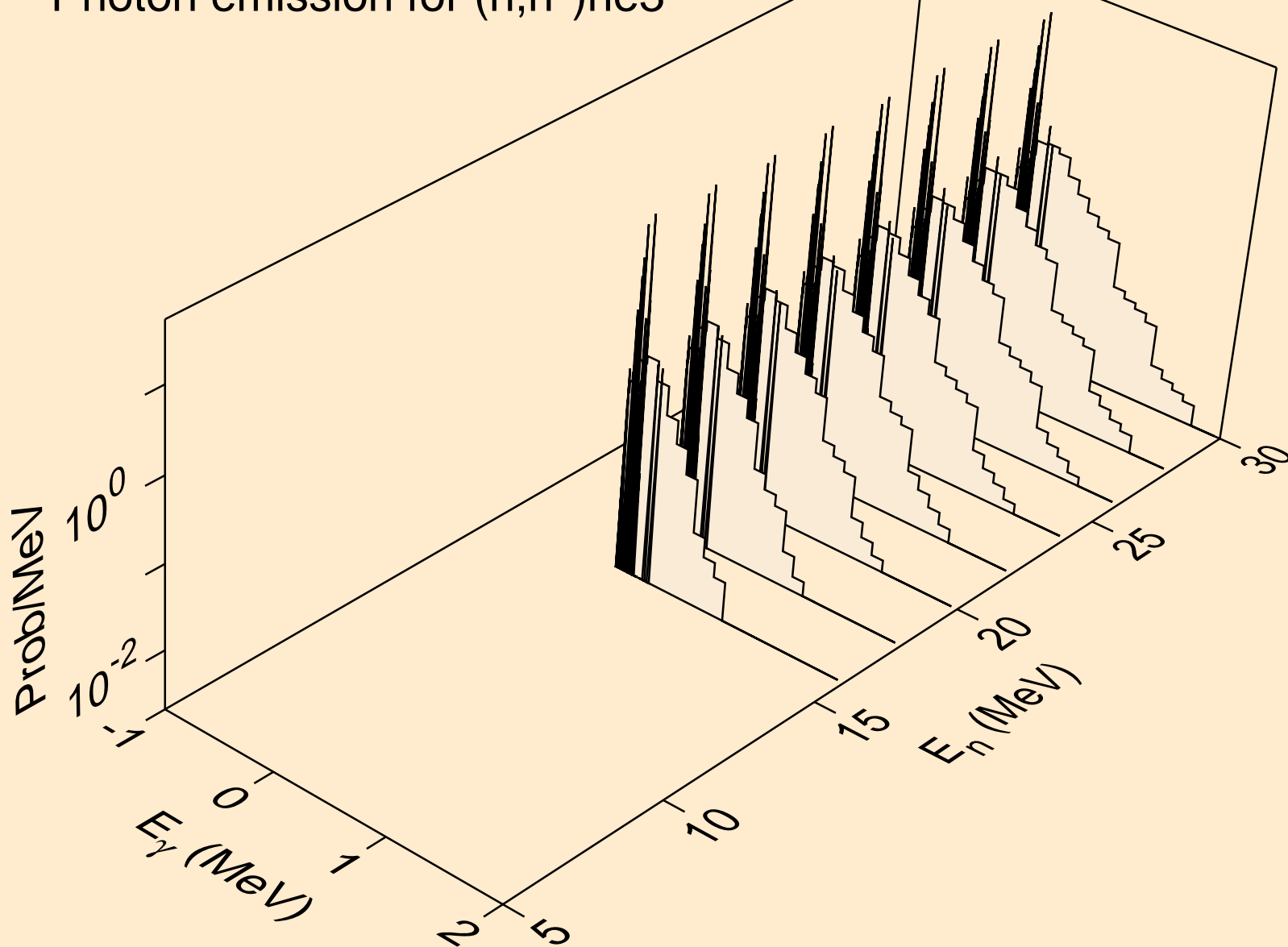
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Photon emission for (n,n\*)d



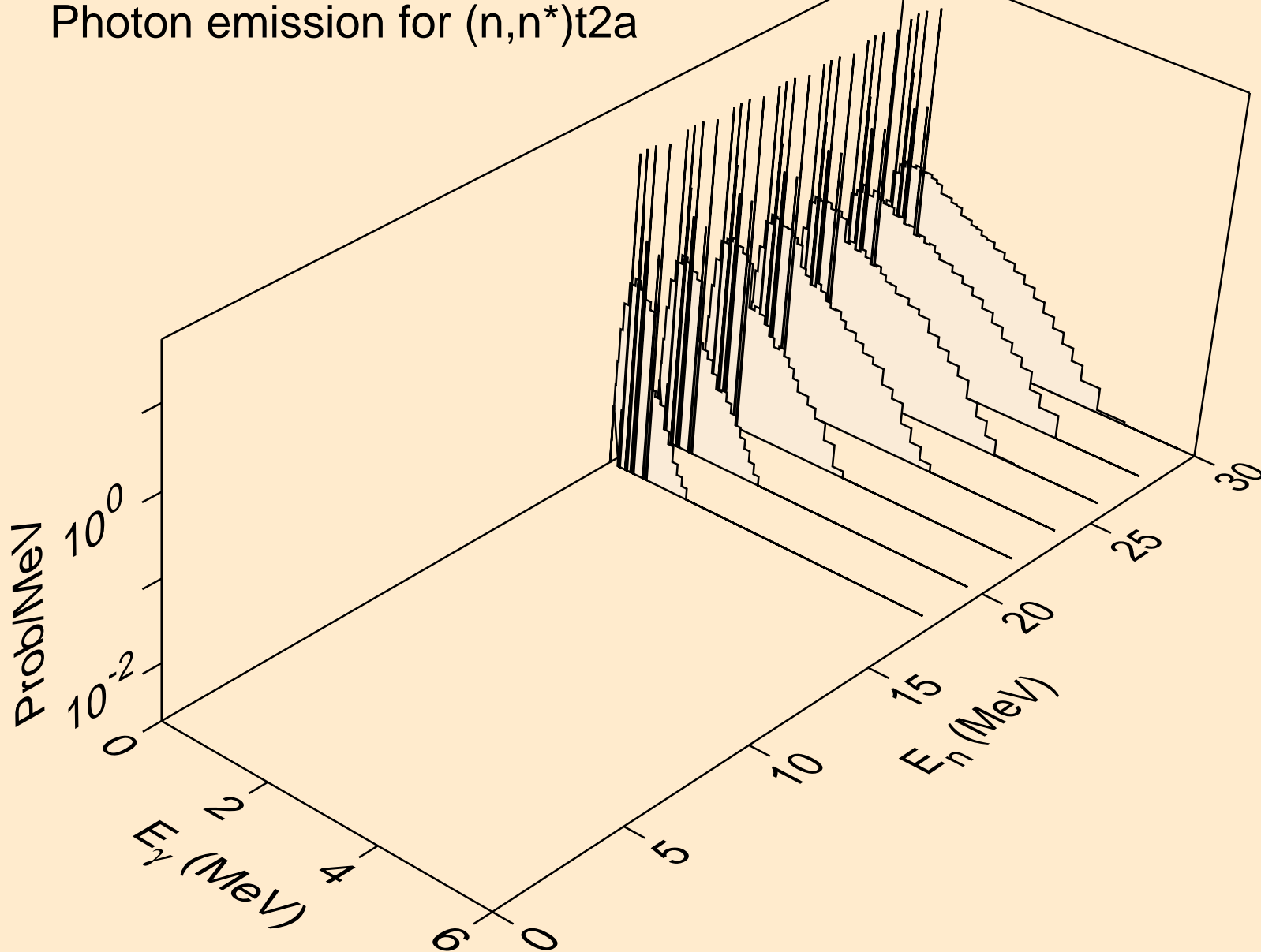
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

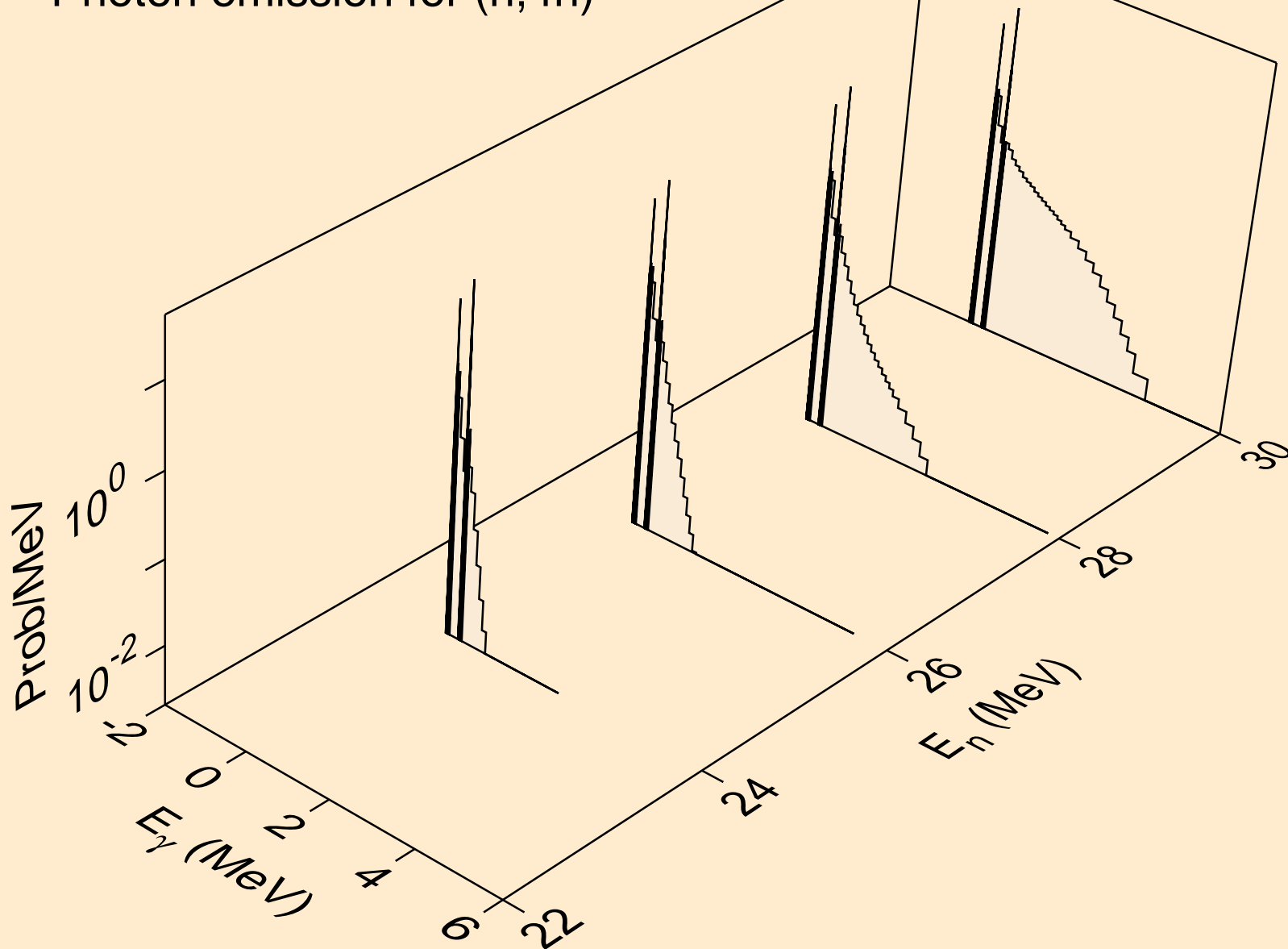


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Photon emission for (n,n\*)t2a

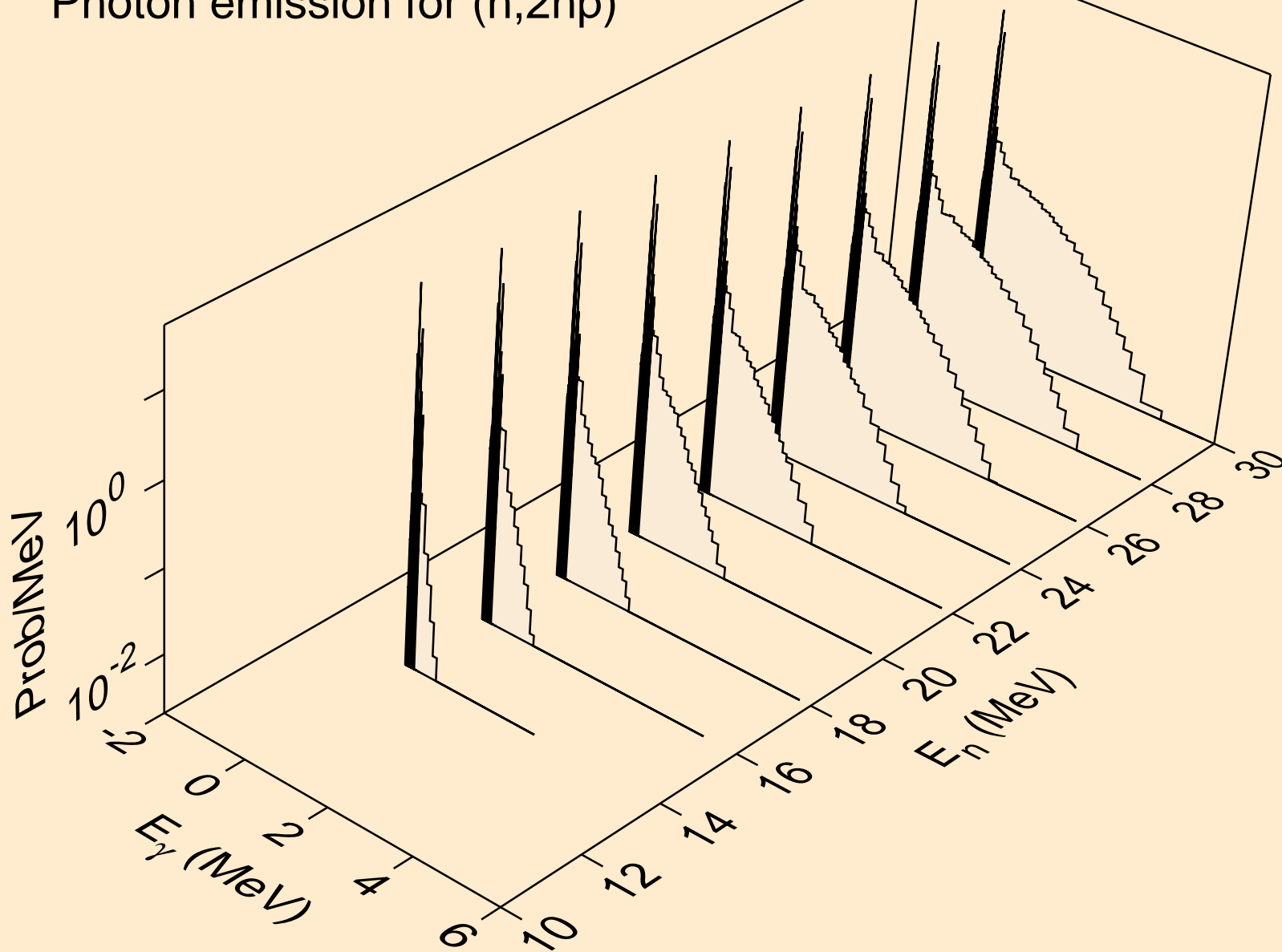




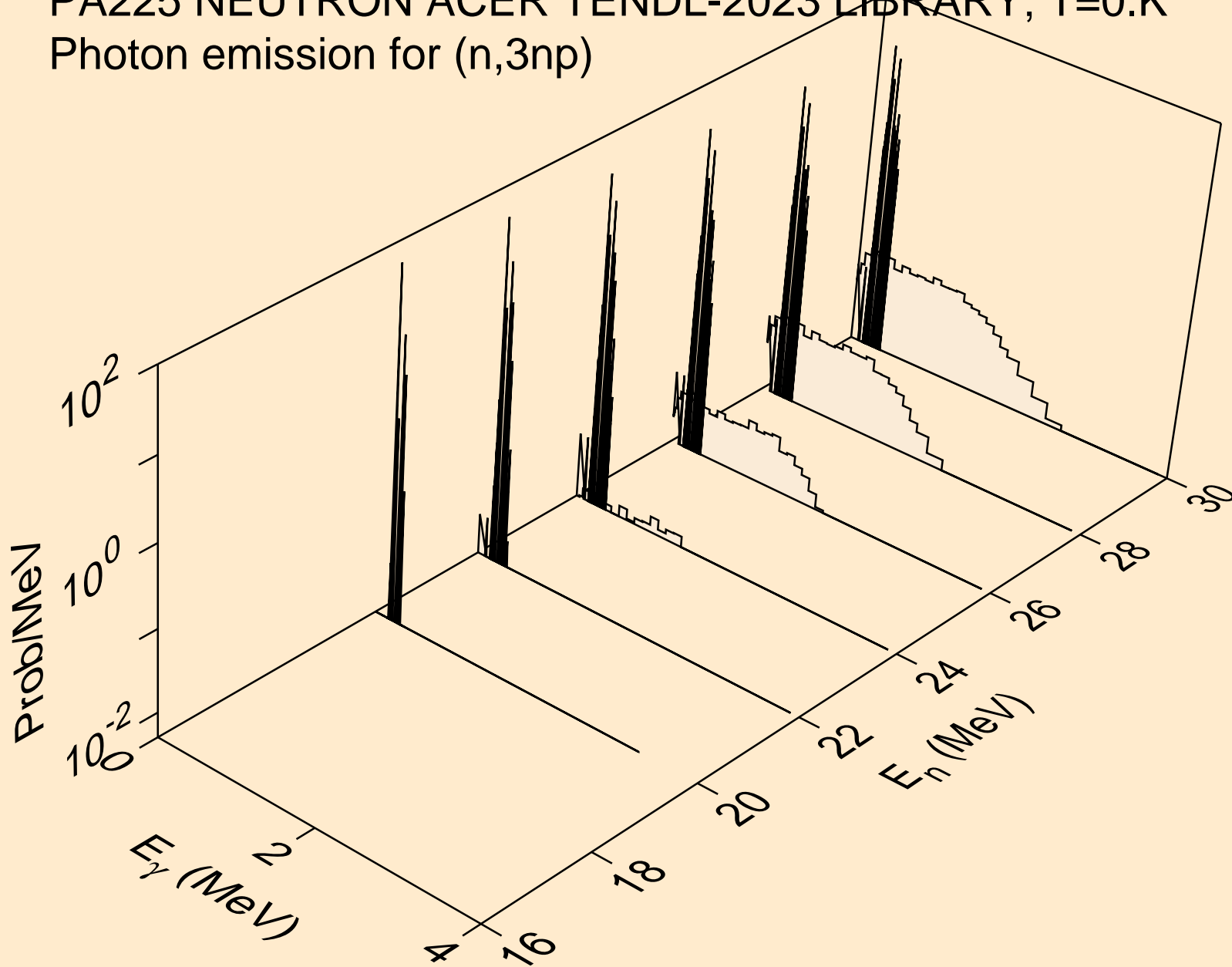
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Photon emission for (n,4n)



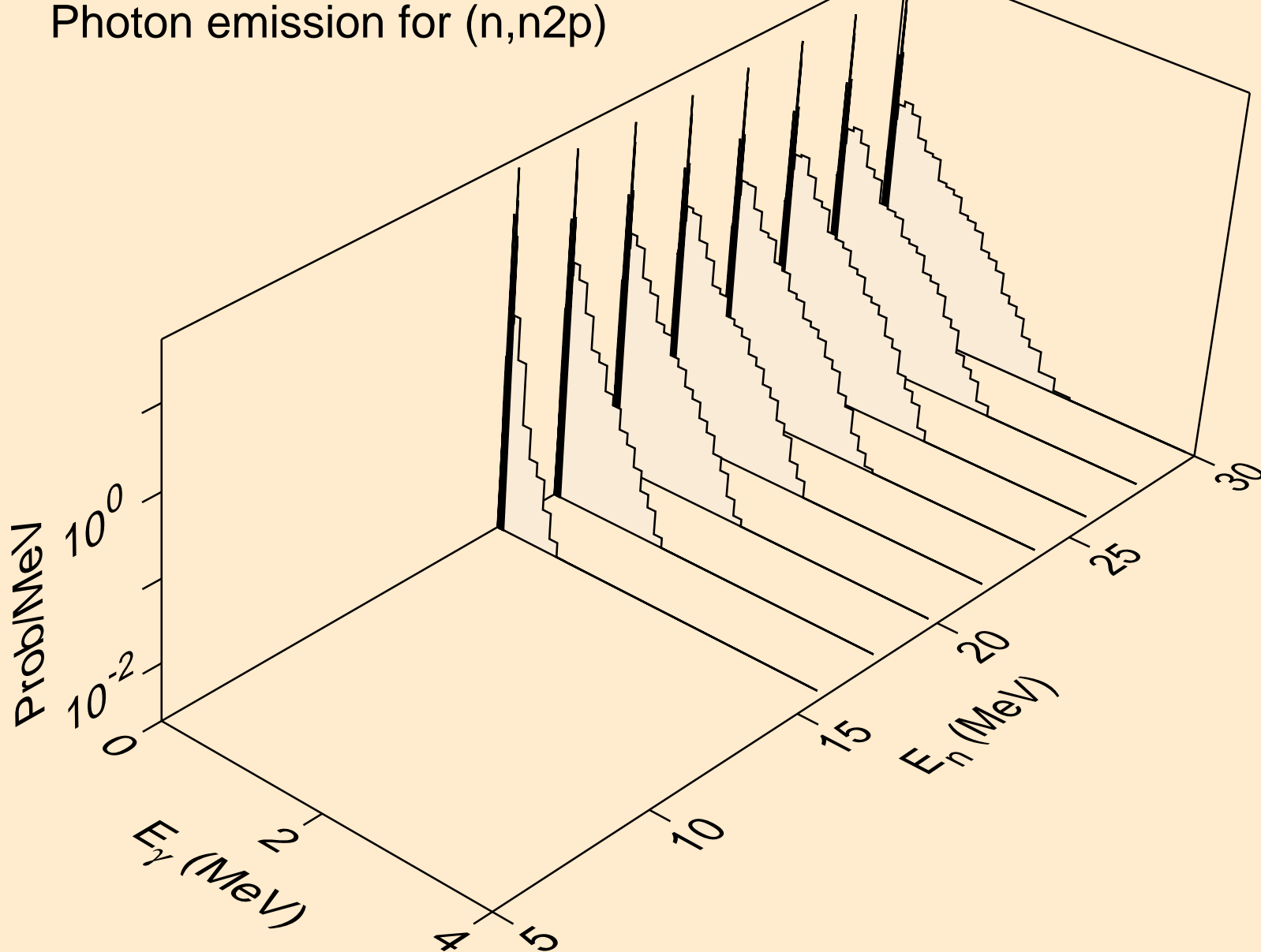
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Photon emission for (n,2np)



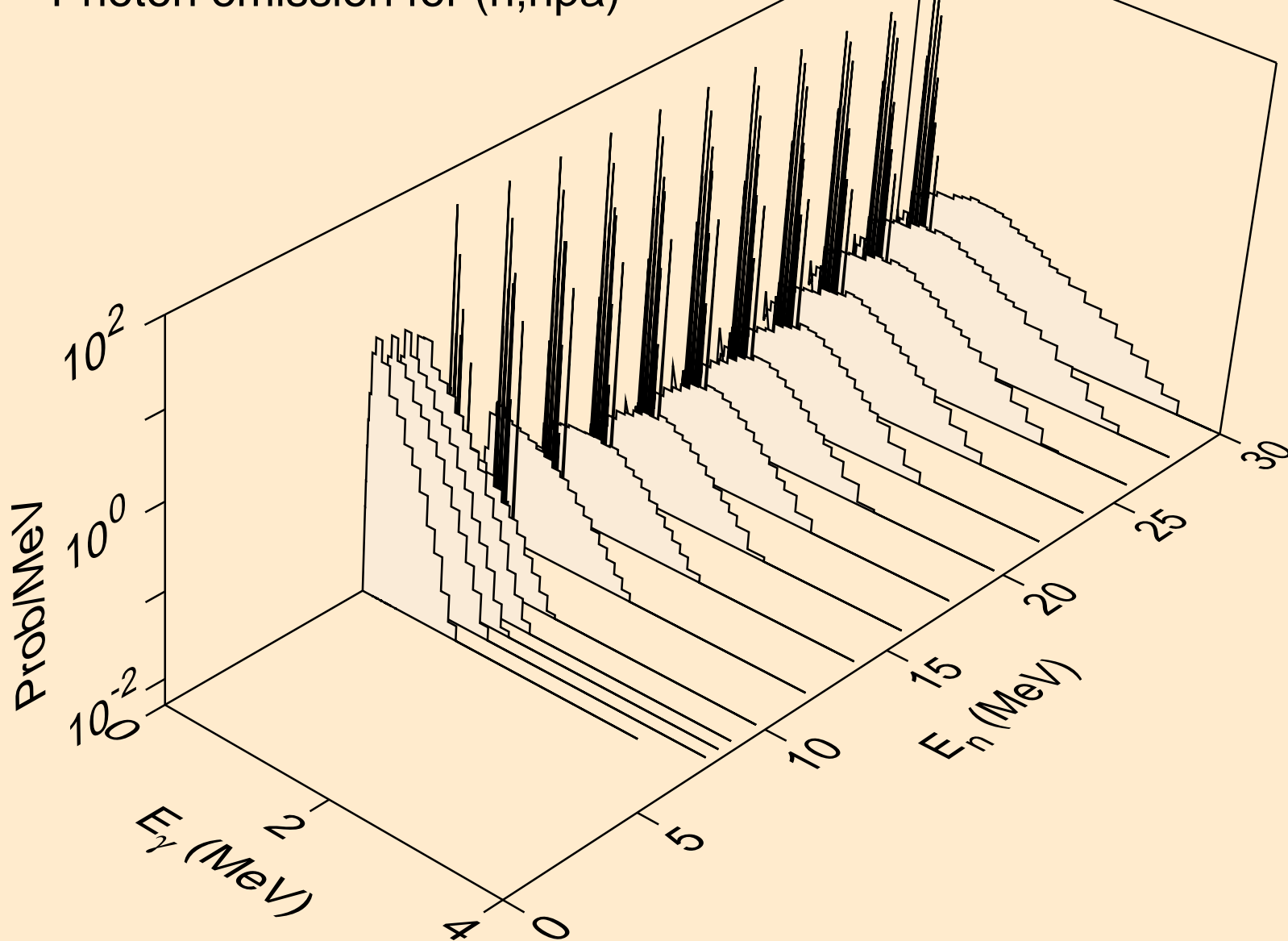
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Photon emission for (n,3np)



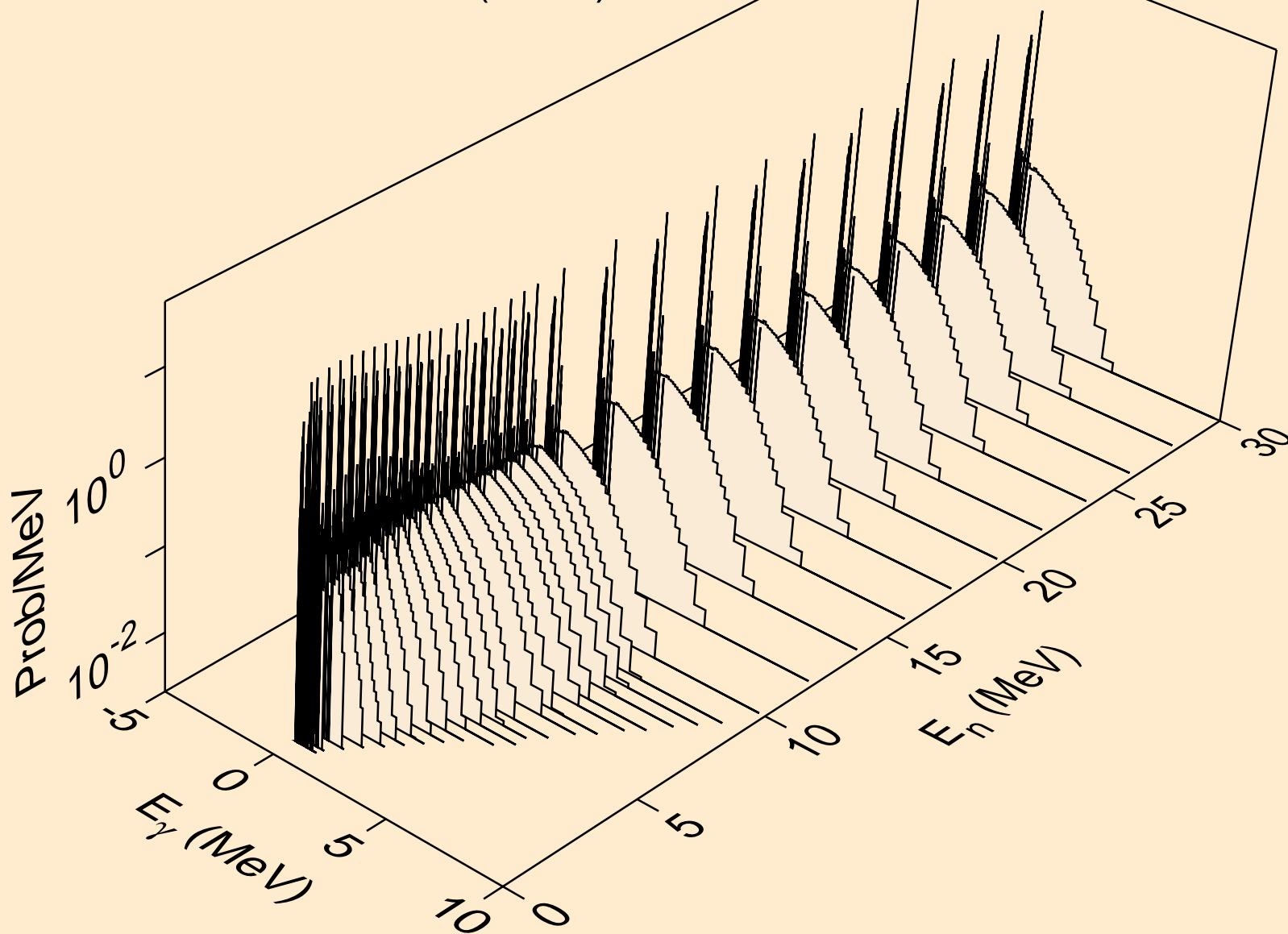
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Photon emission for (n,n2p)



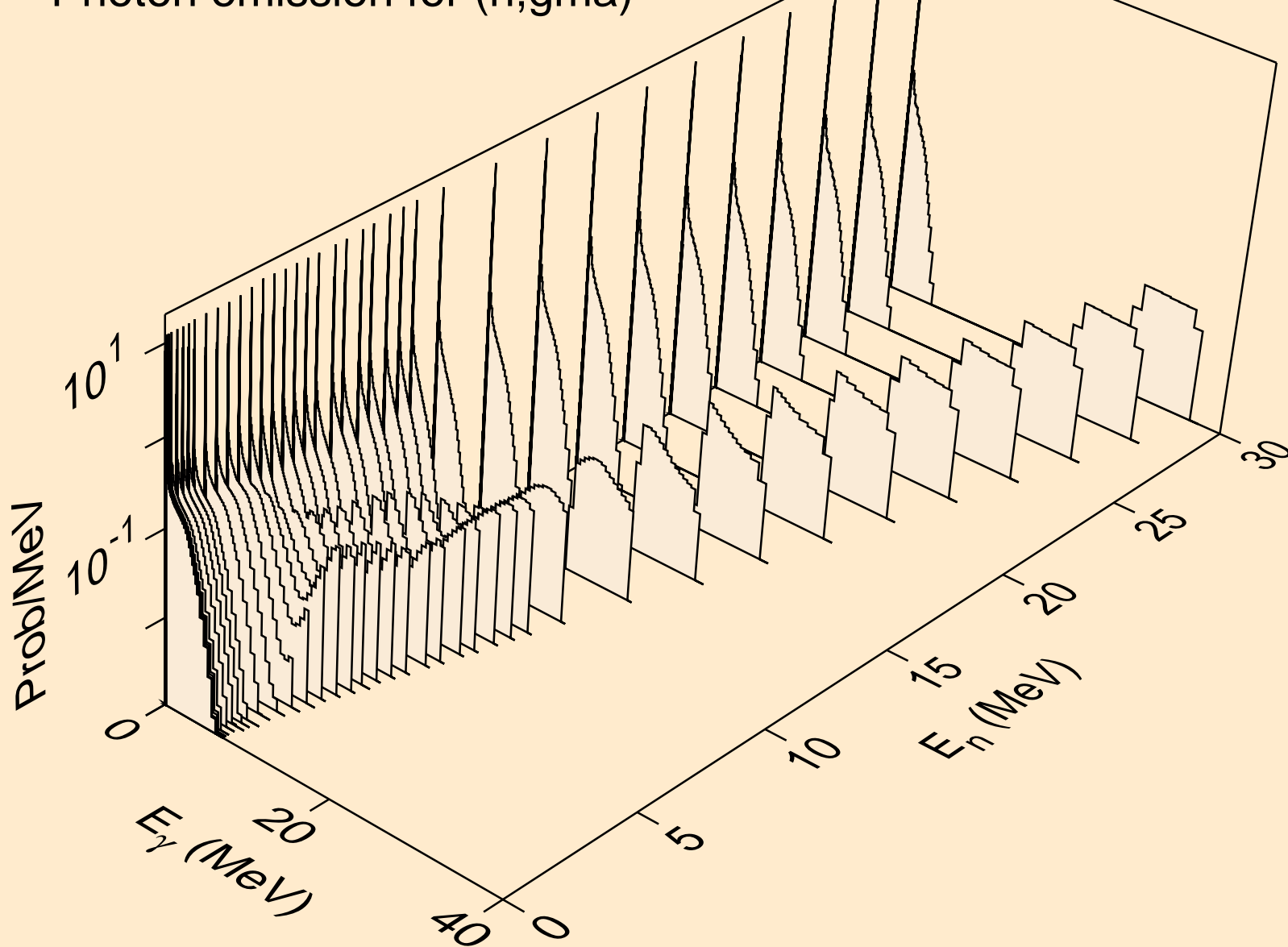
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Photon emission for (n,npa)



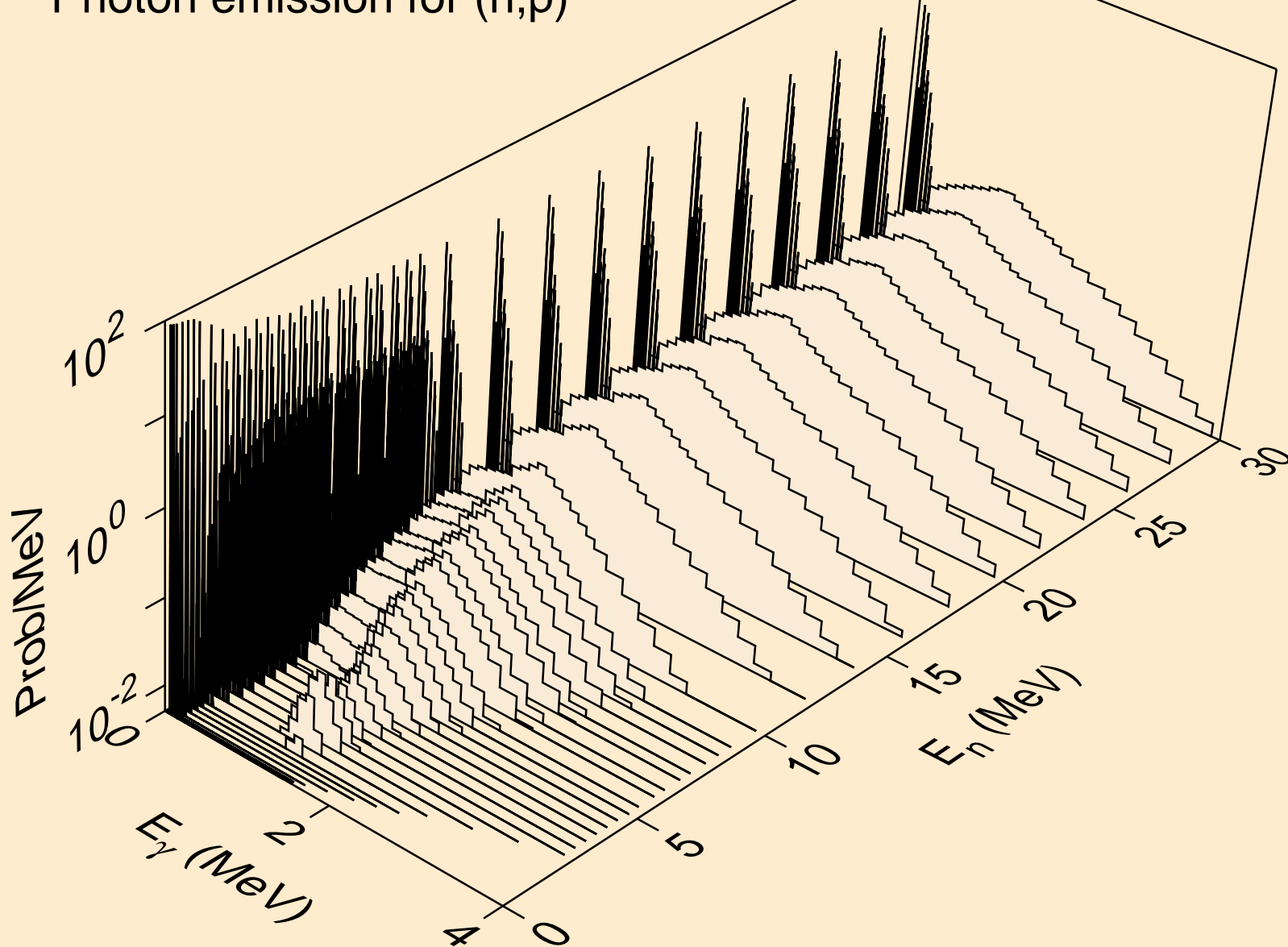
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

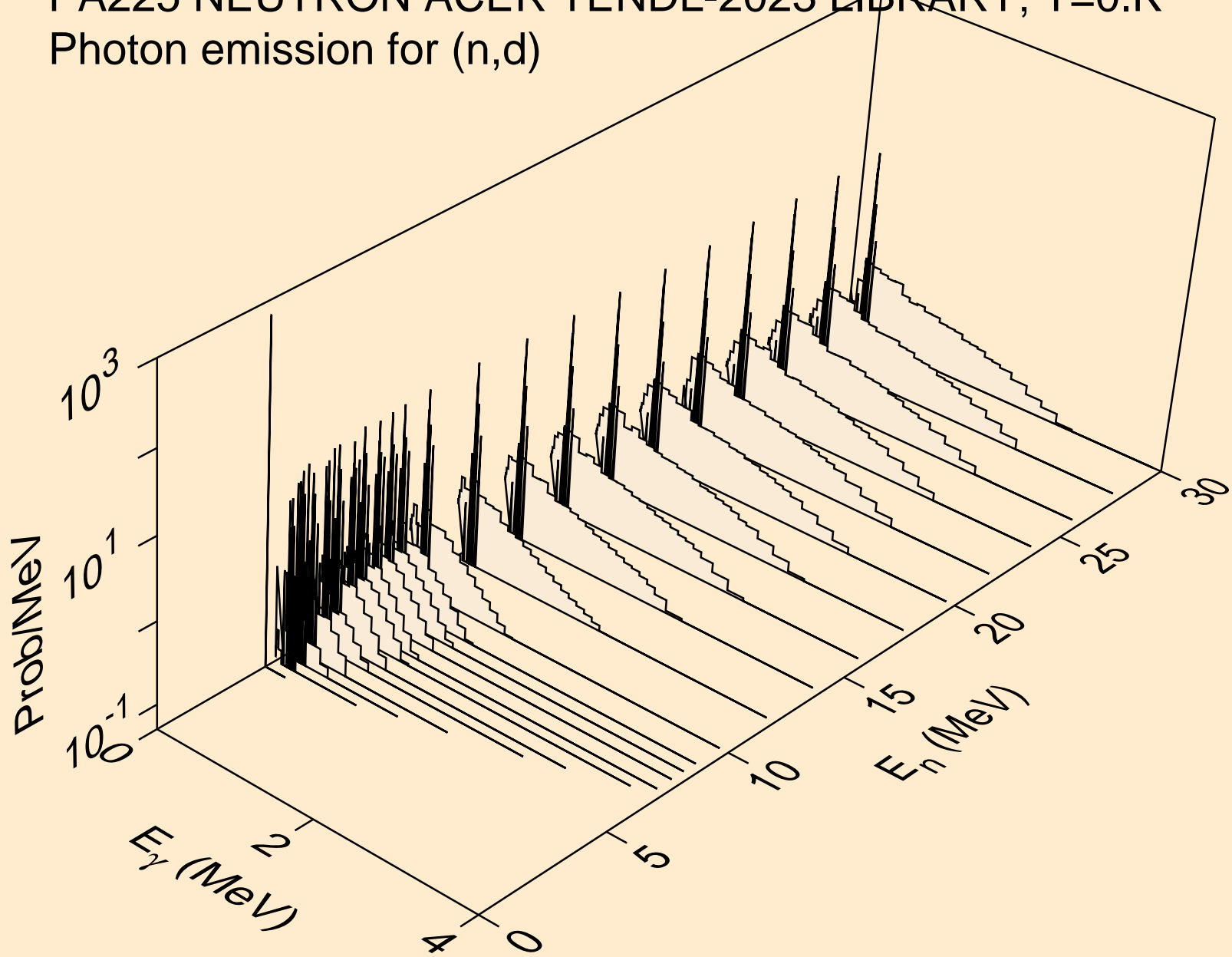


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Photon emission for (n,p)

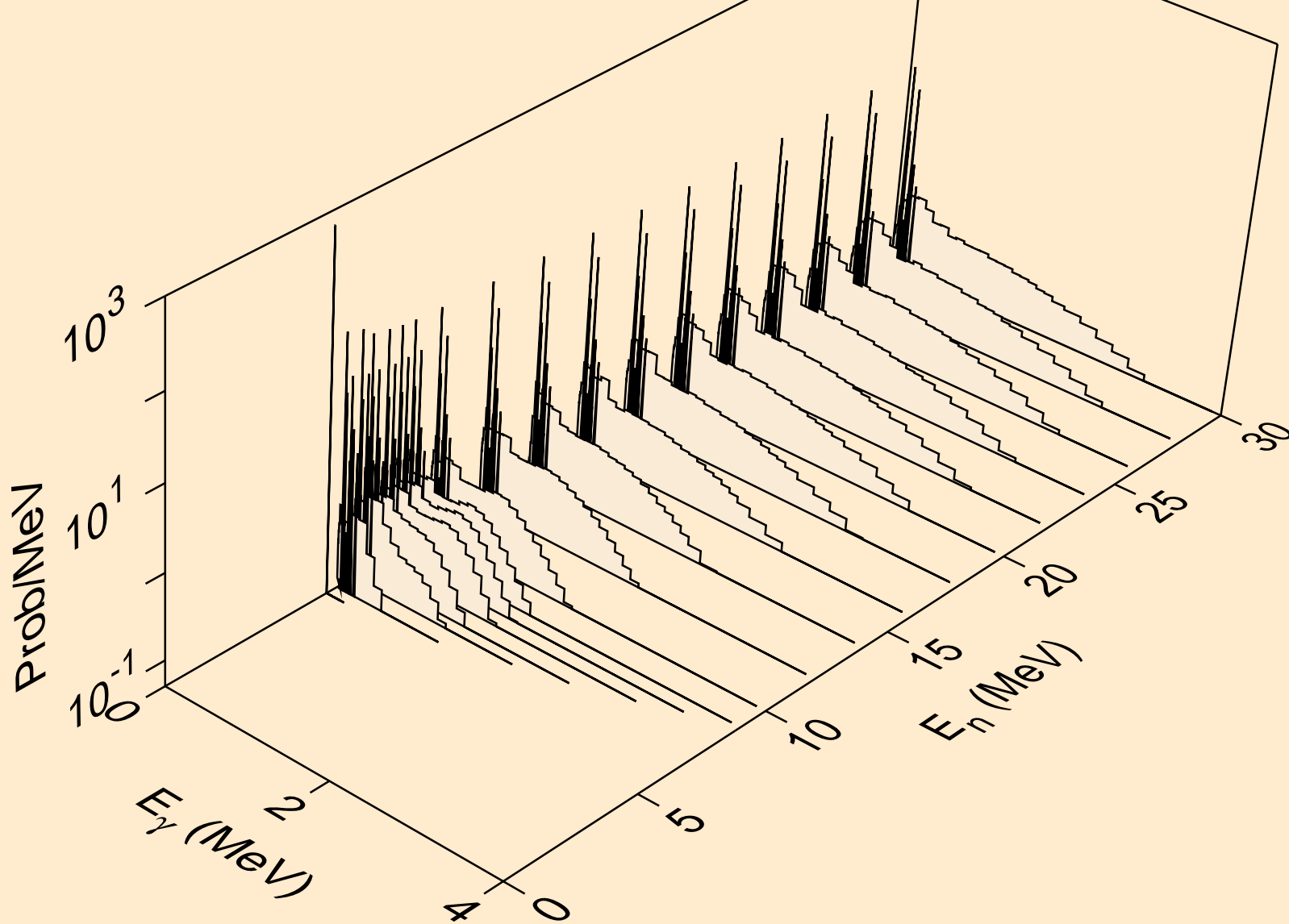




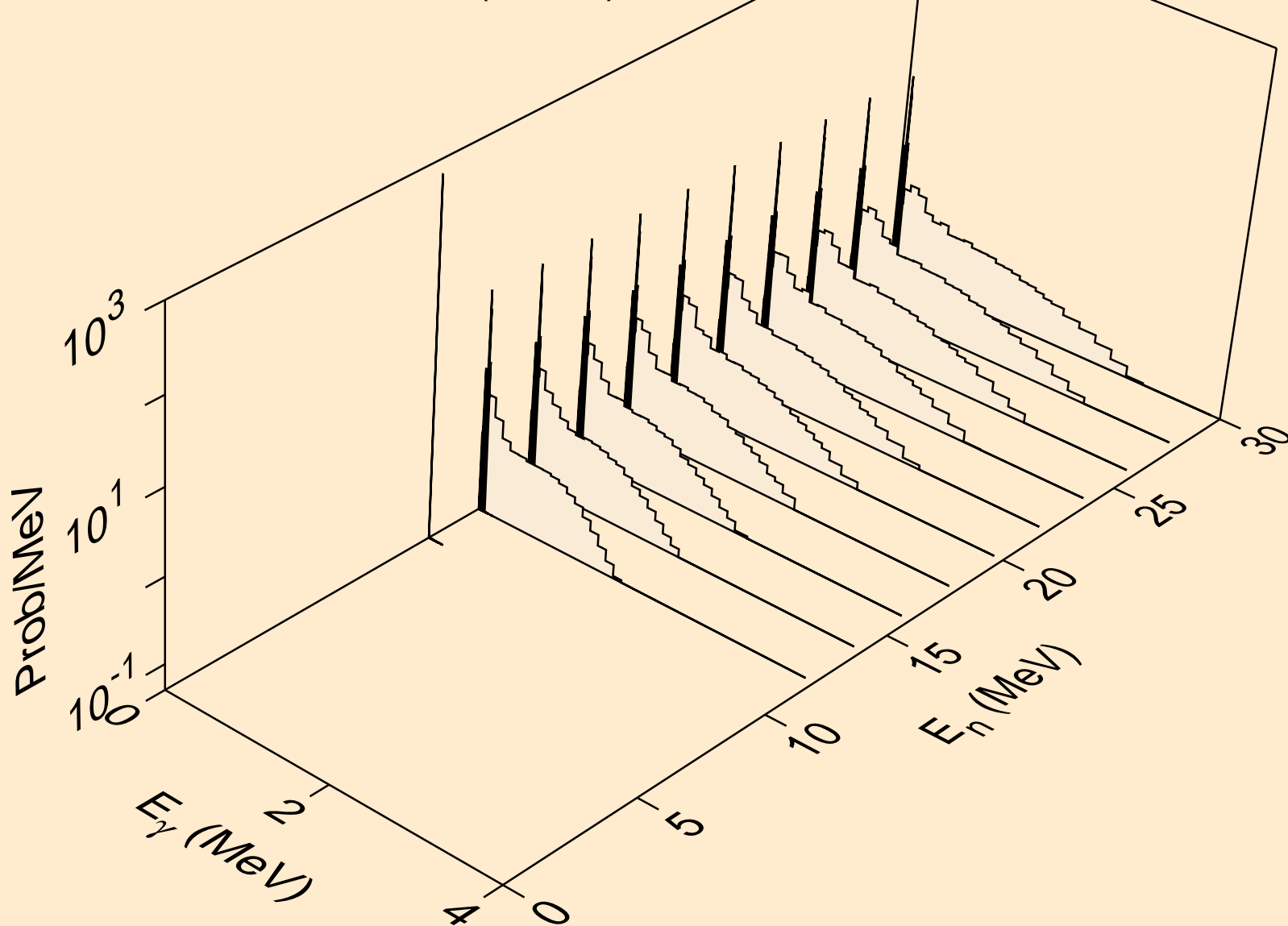
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Photon emission for (n,d)



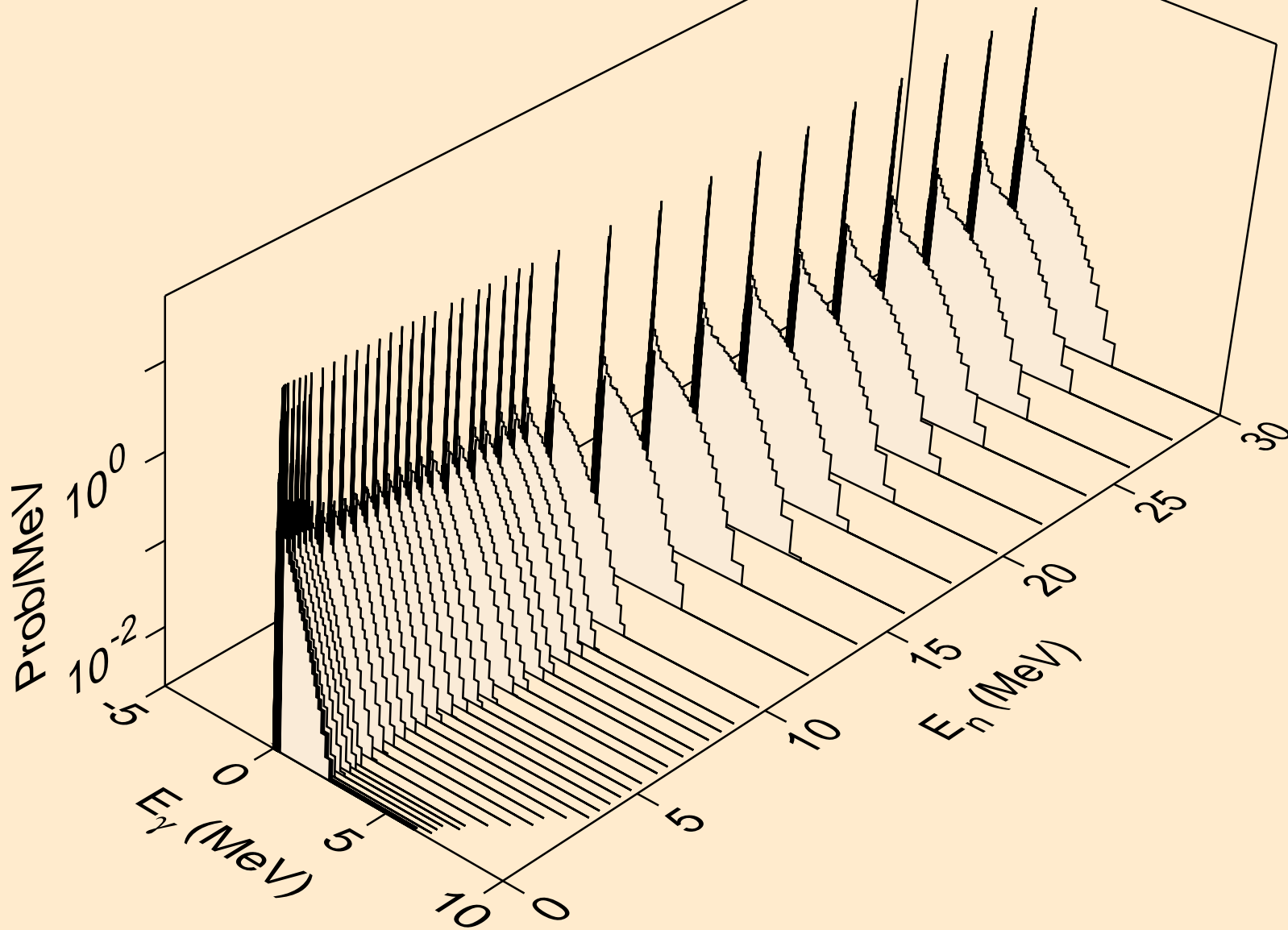
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Photon emission for (n,t)



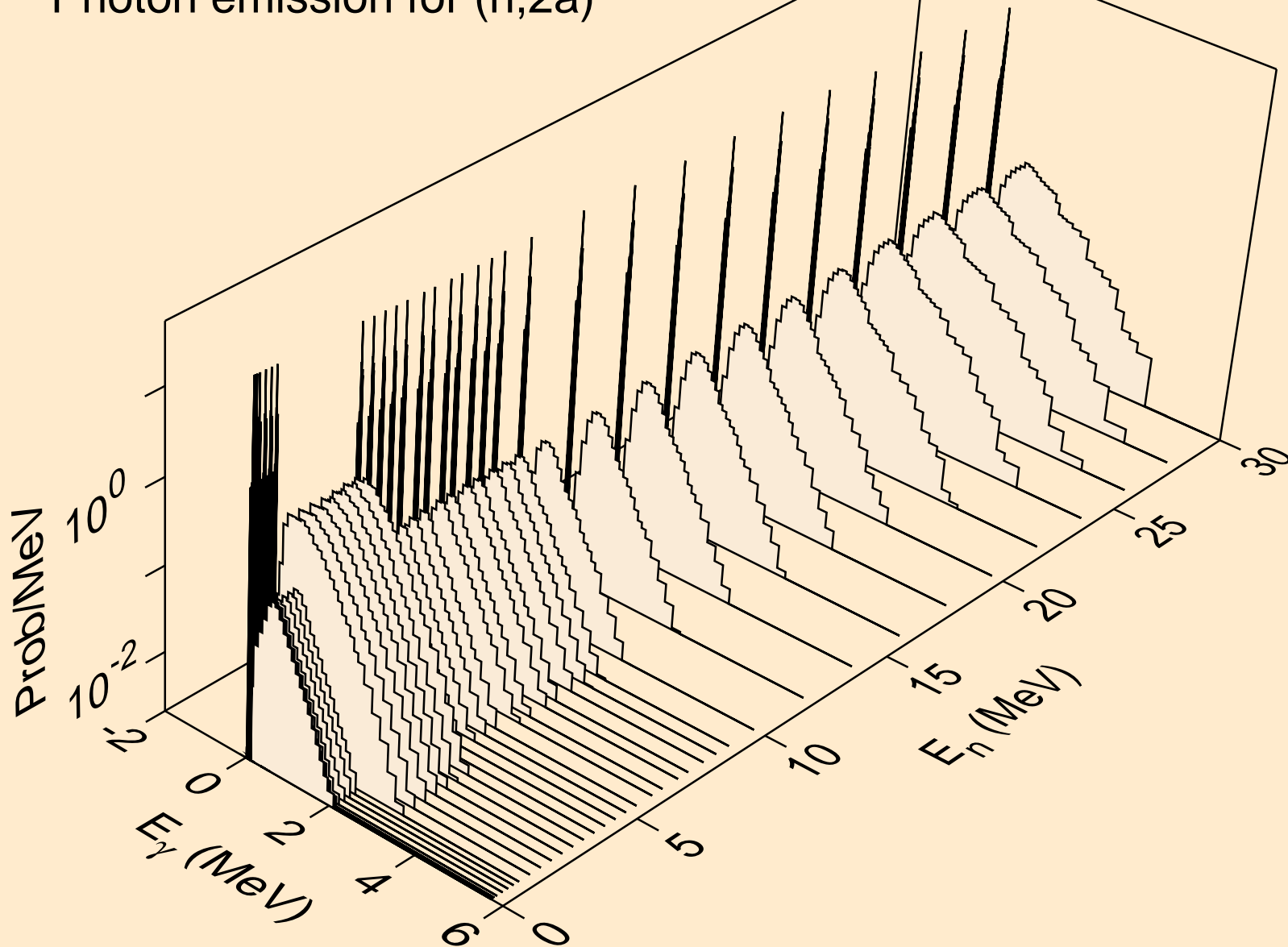
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Photon emission for (n,he3)



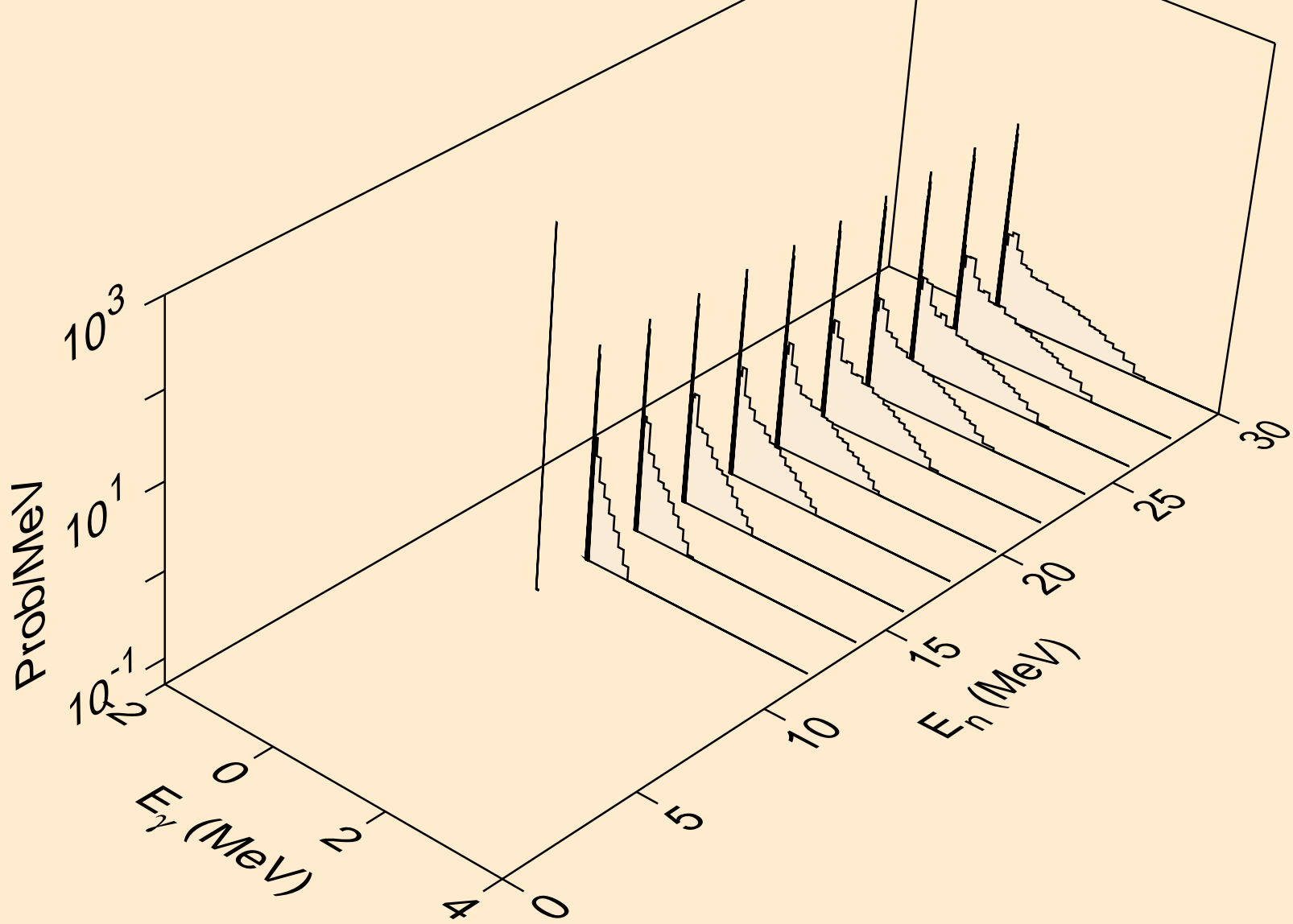
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Photon emission for (n,a)



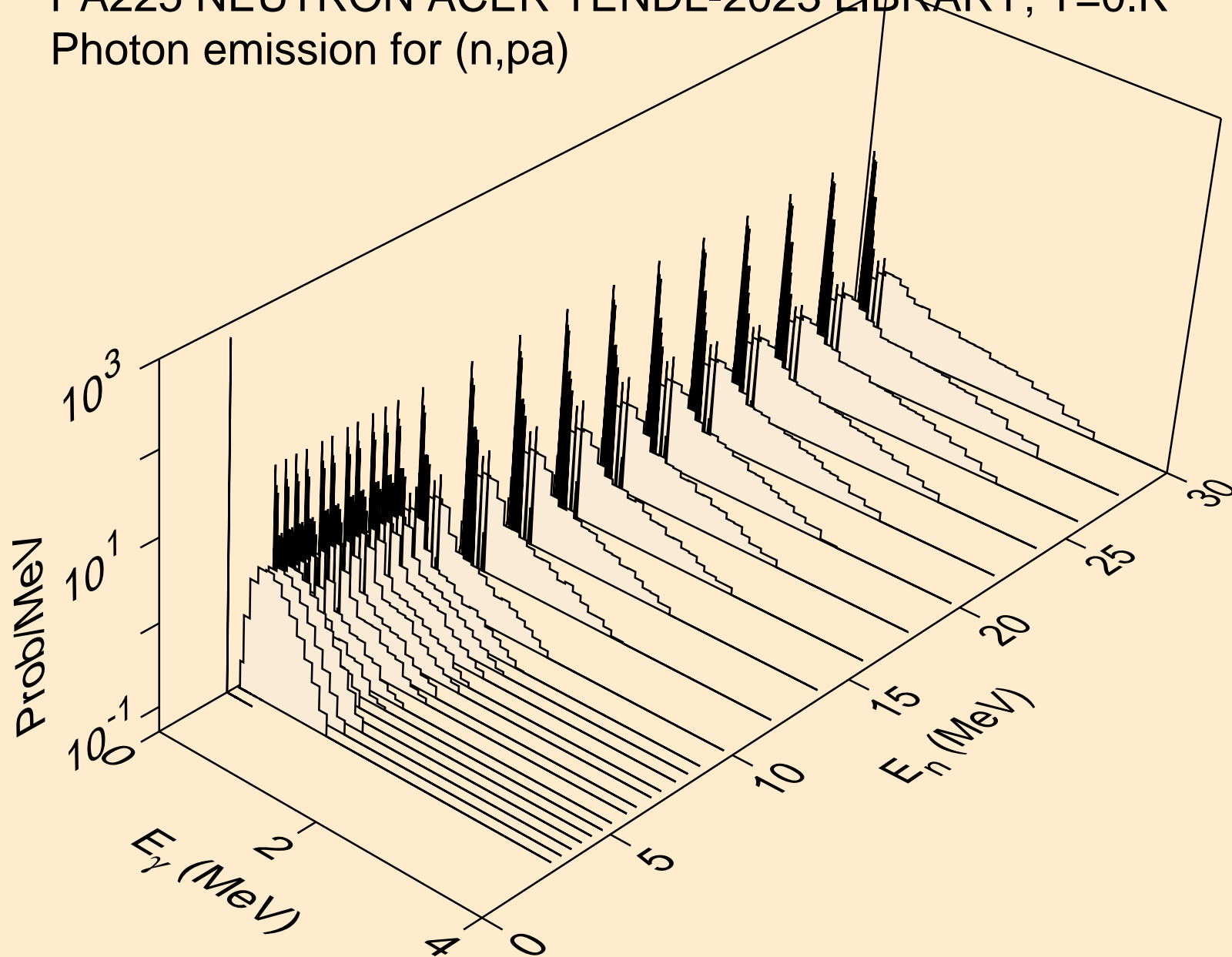
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Photon emission for (n,2a)



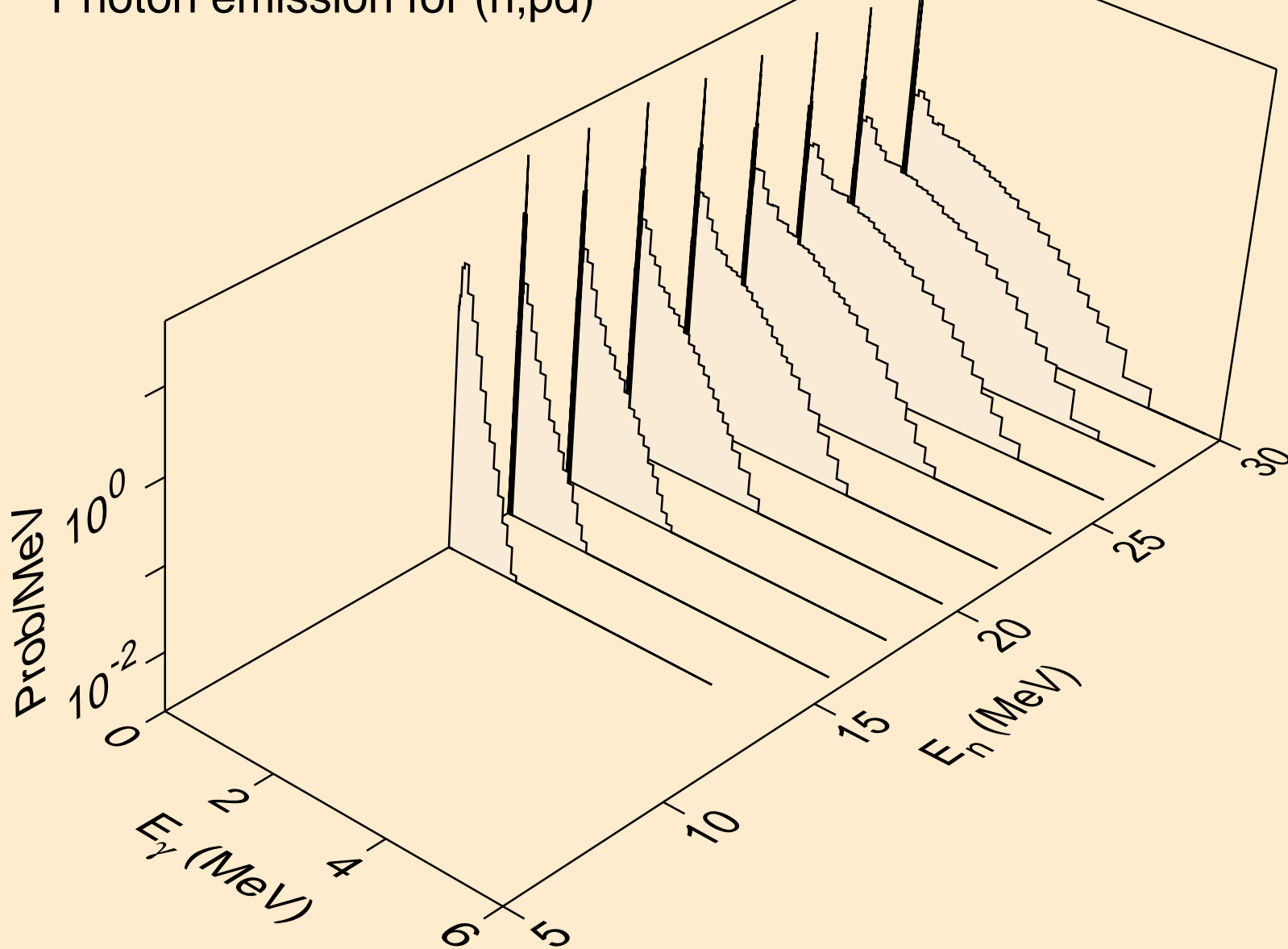
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

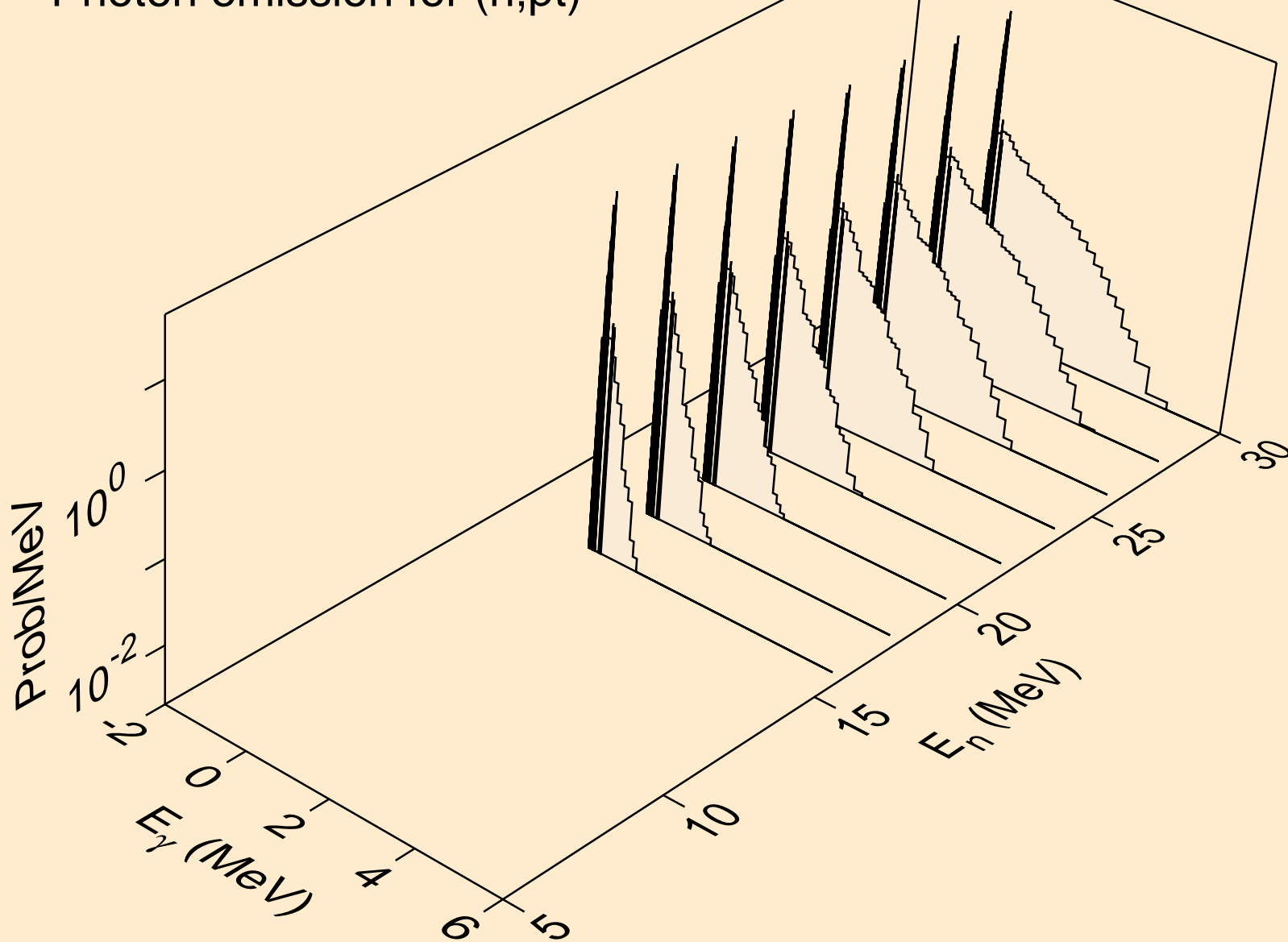


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Photon emission for (n,pd)

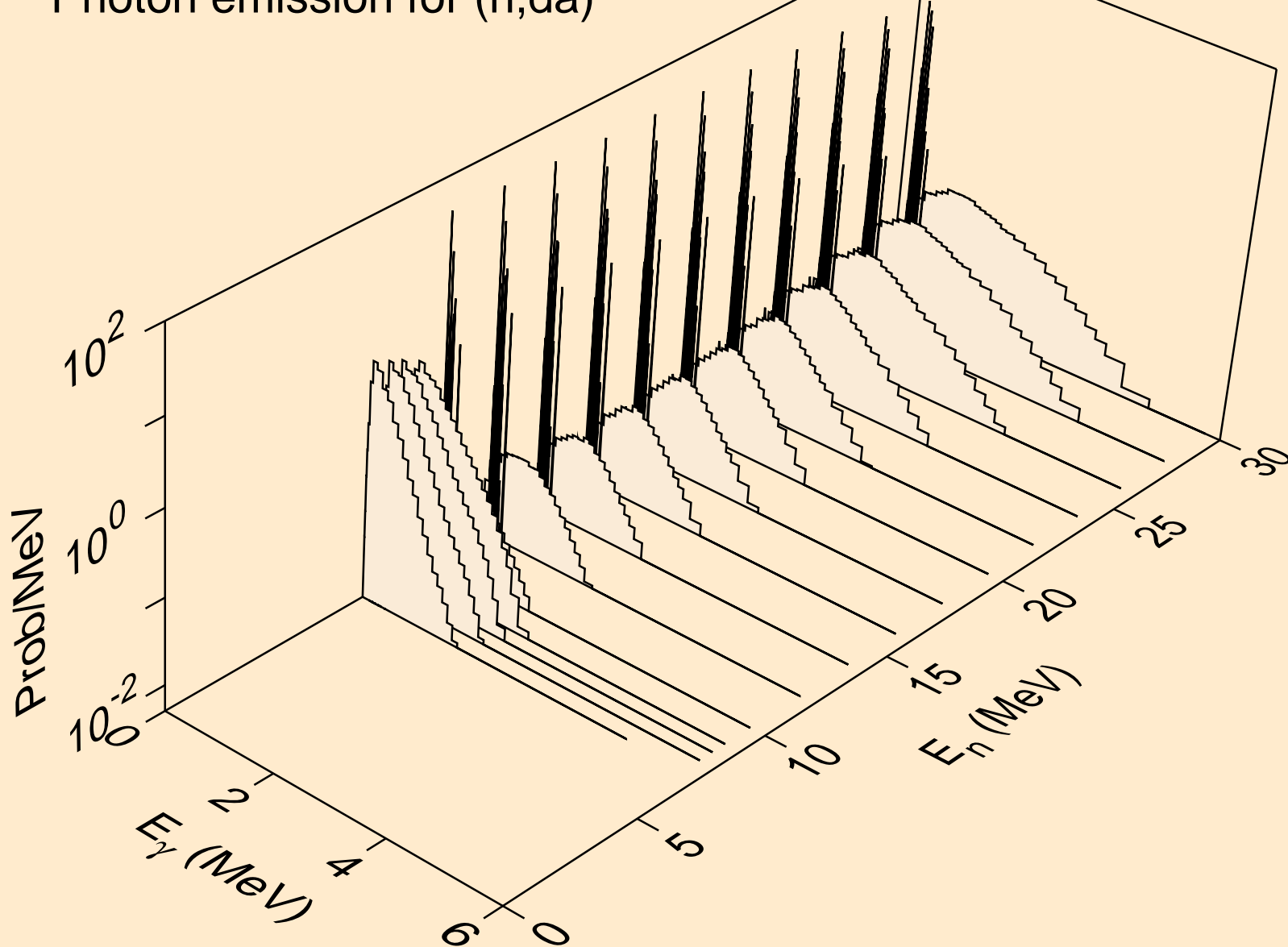




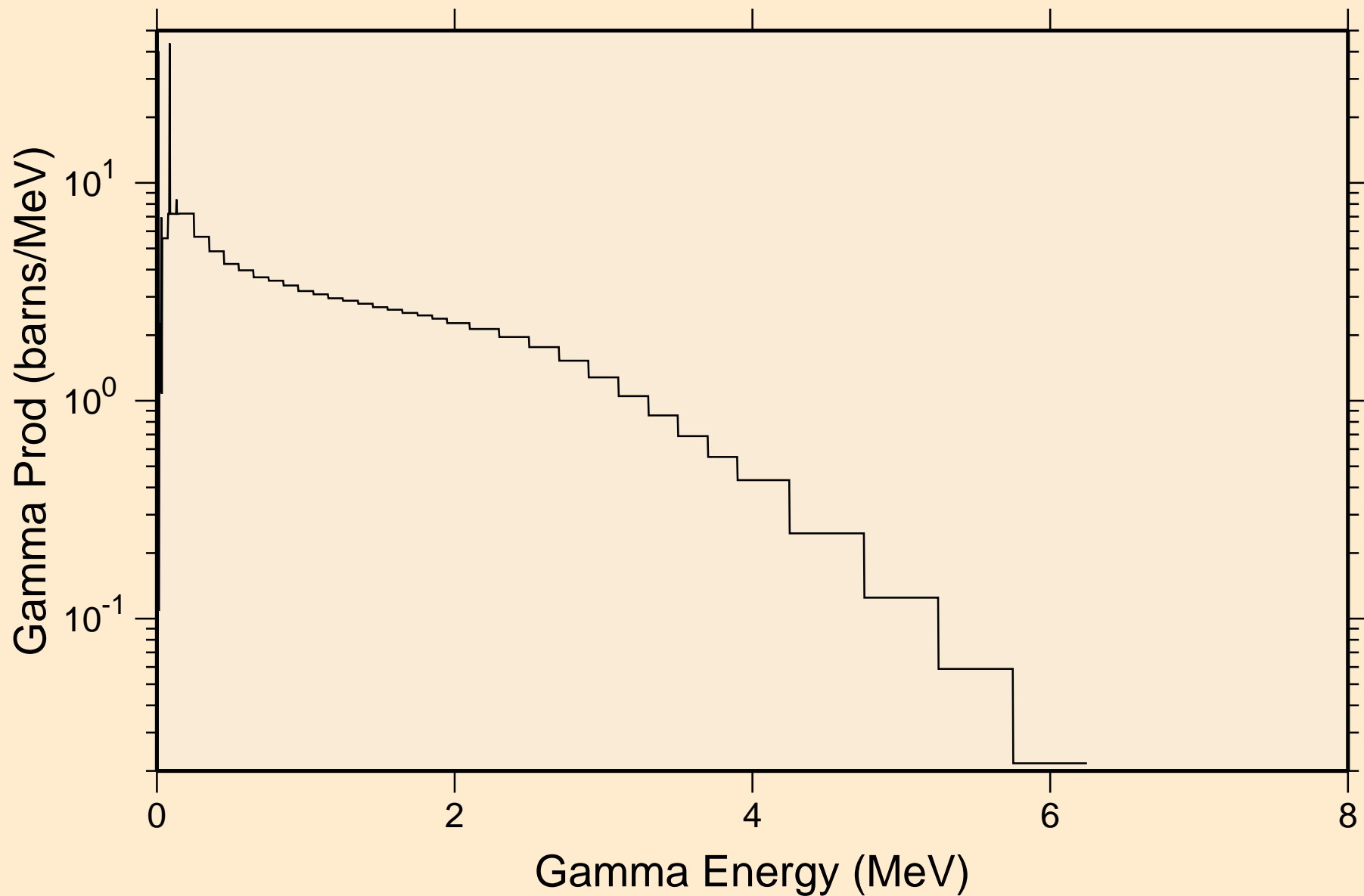
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Photon emission for (n,pt)



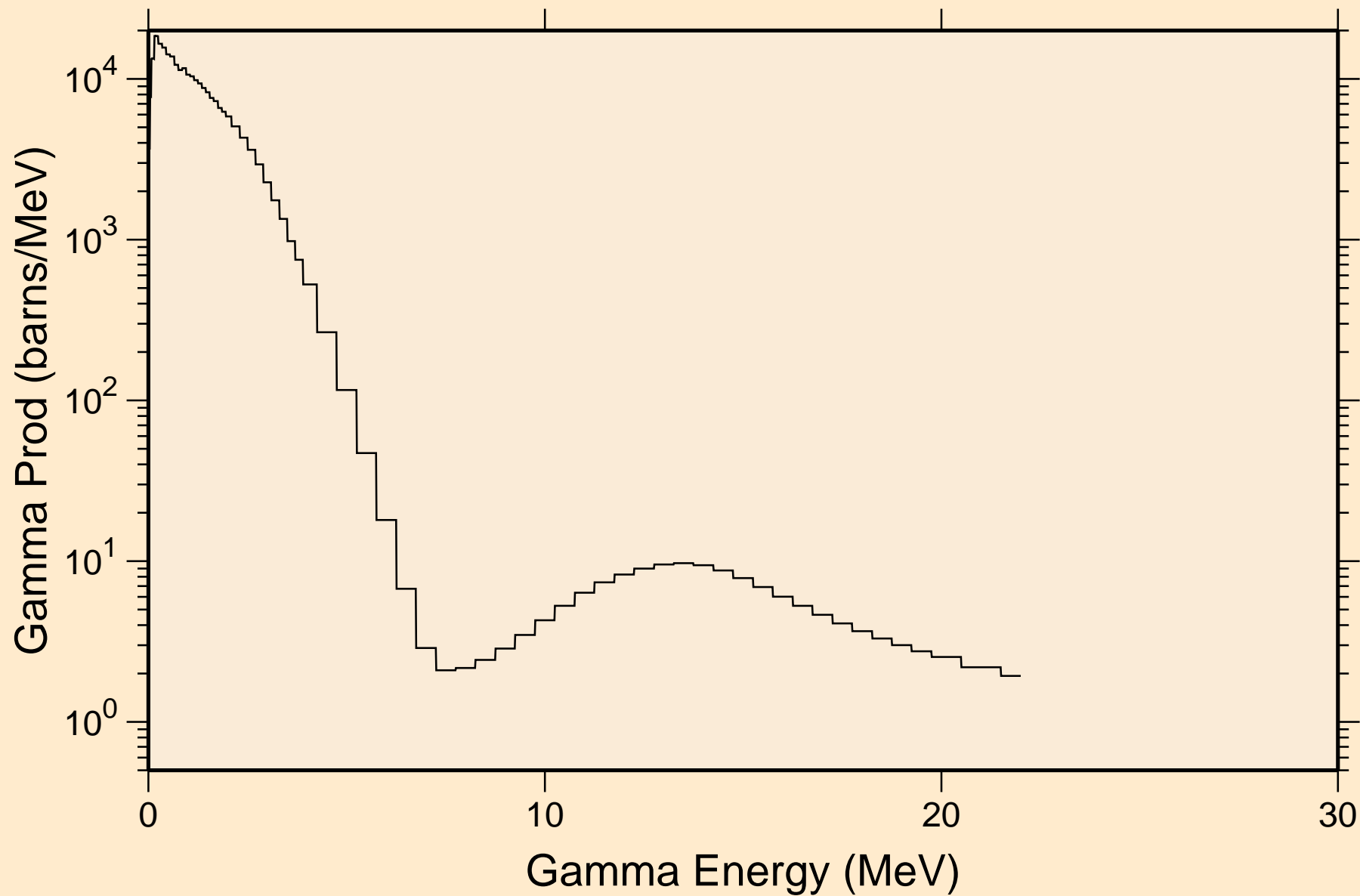
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

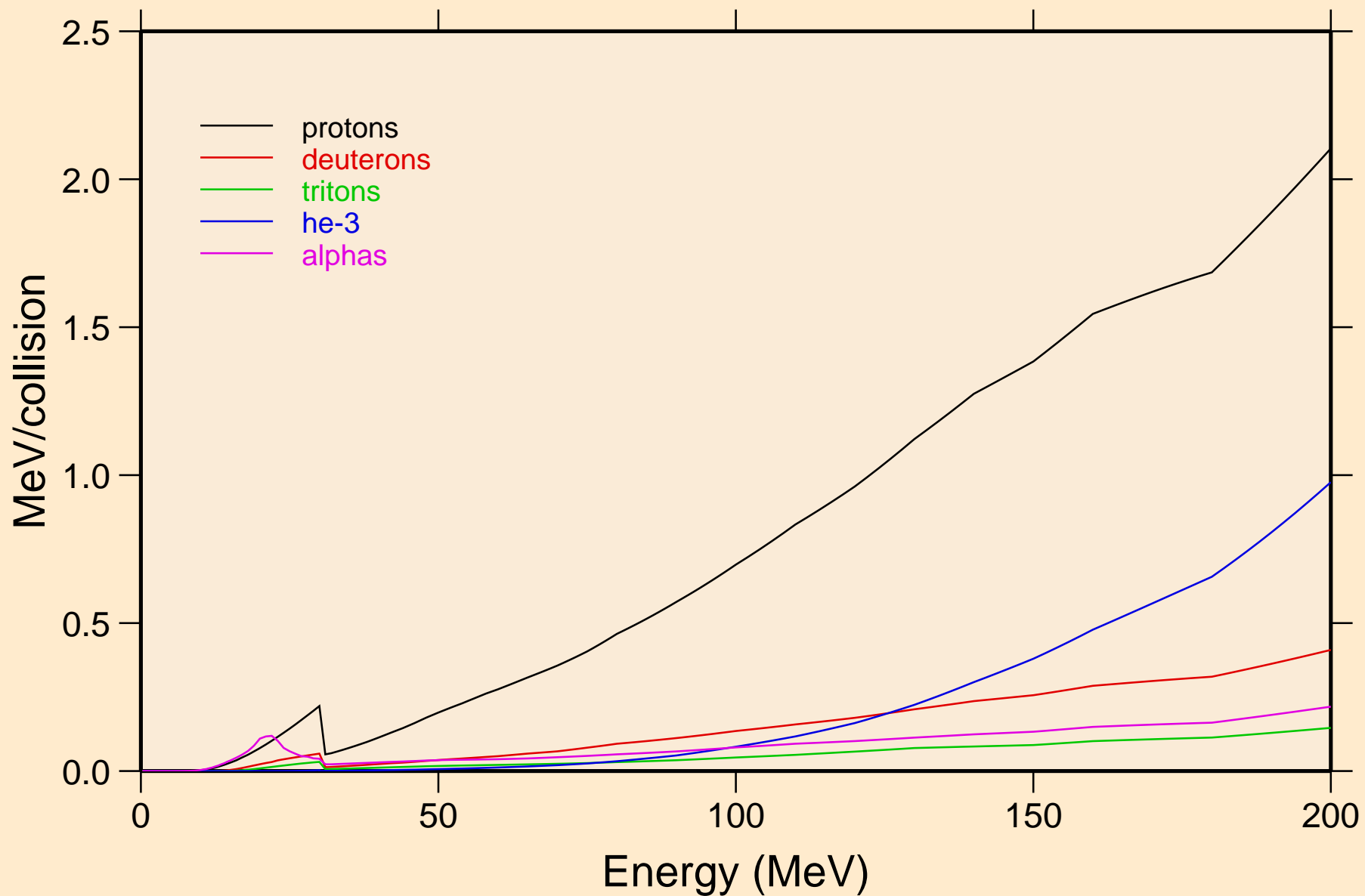


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

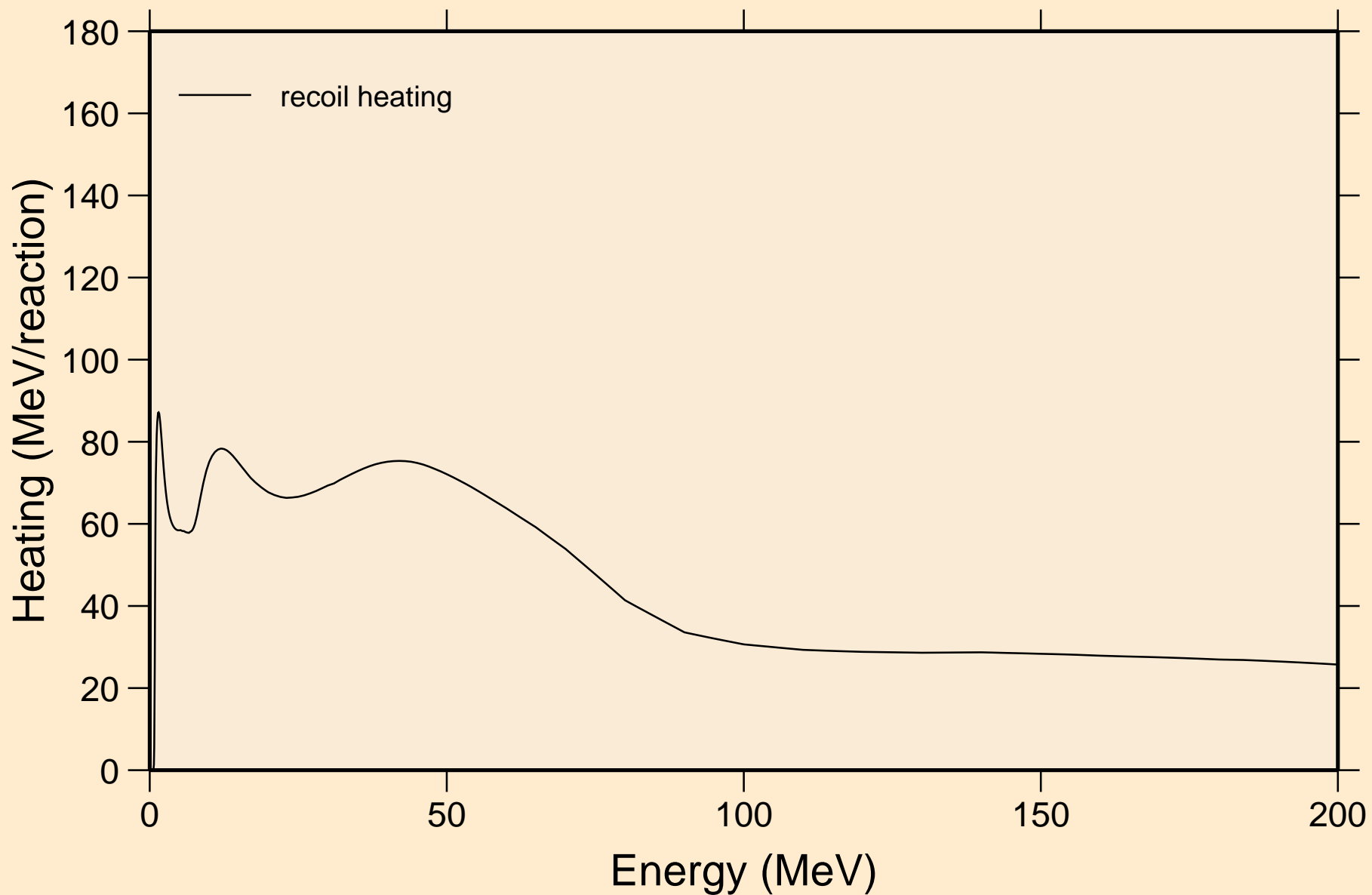


# PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

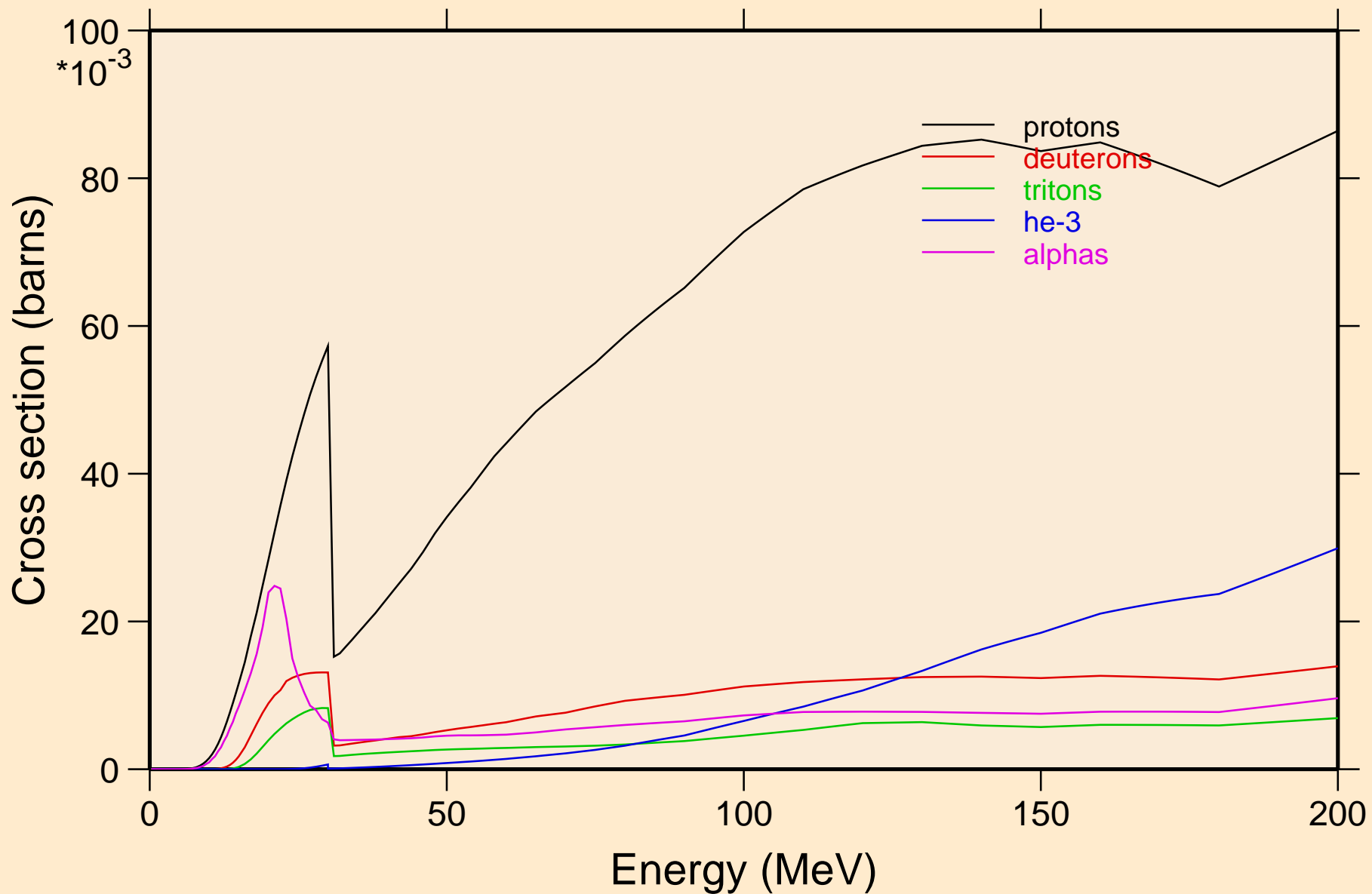
## Particle heating contributions



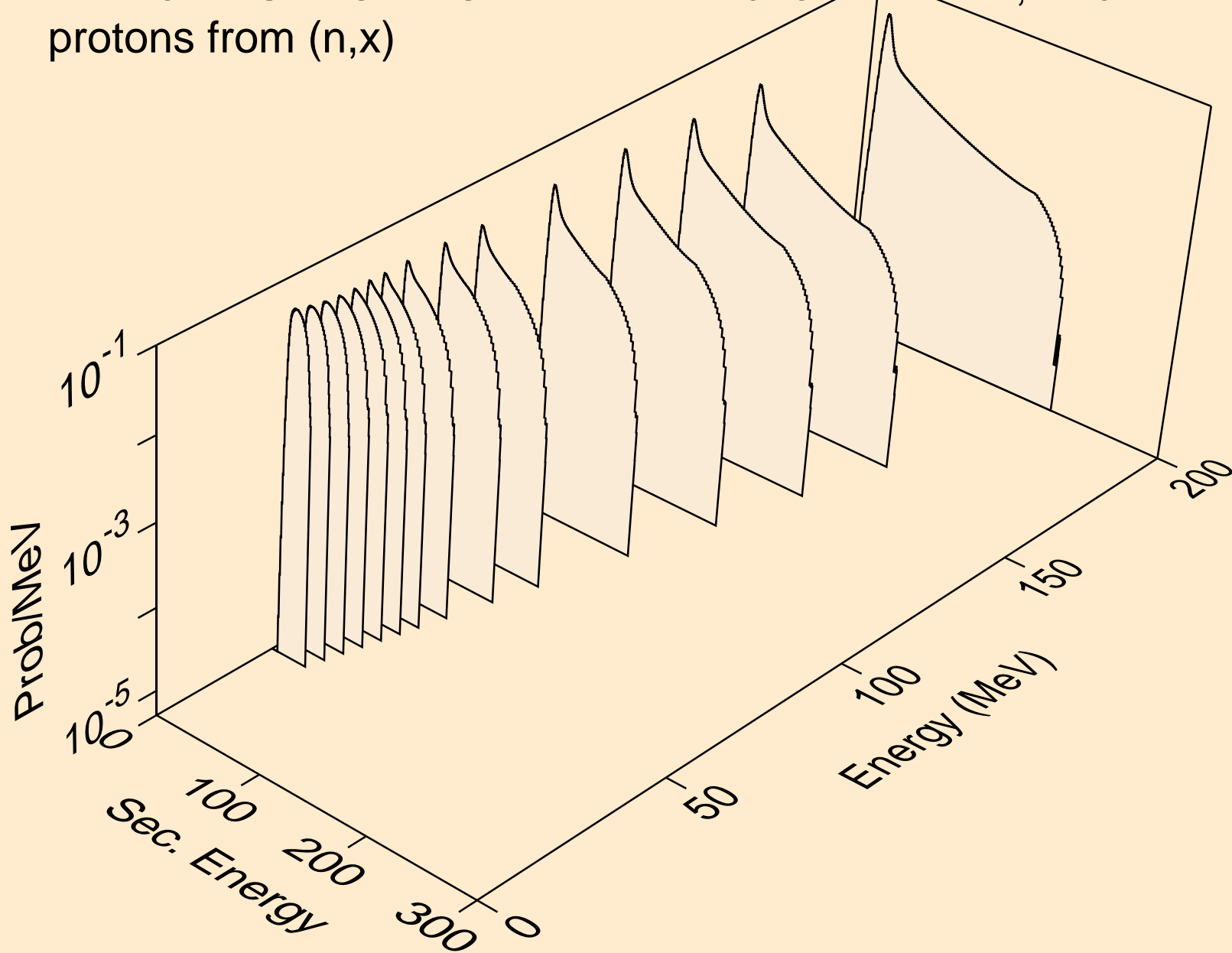
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

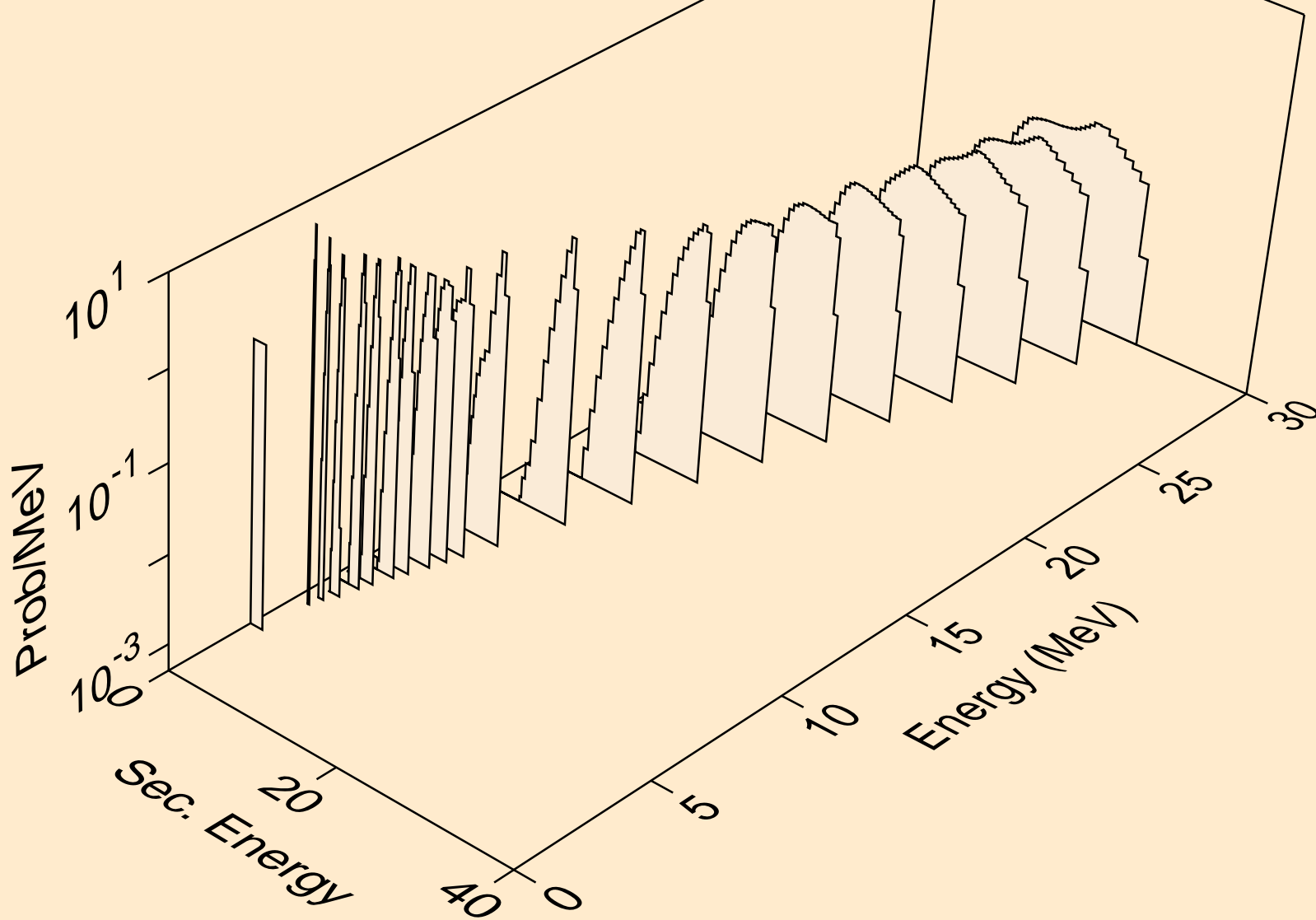


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

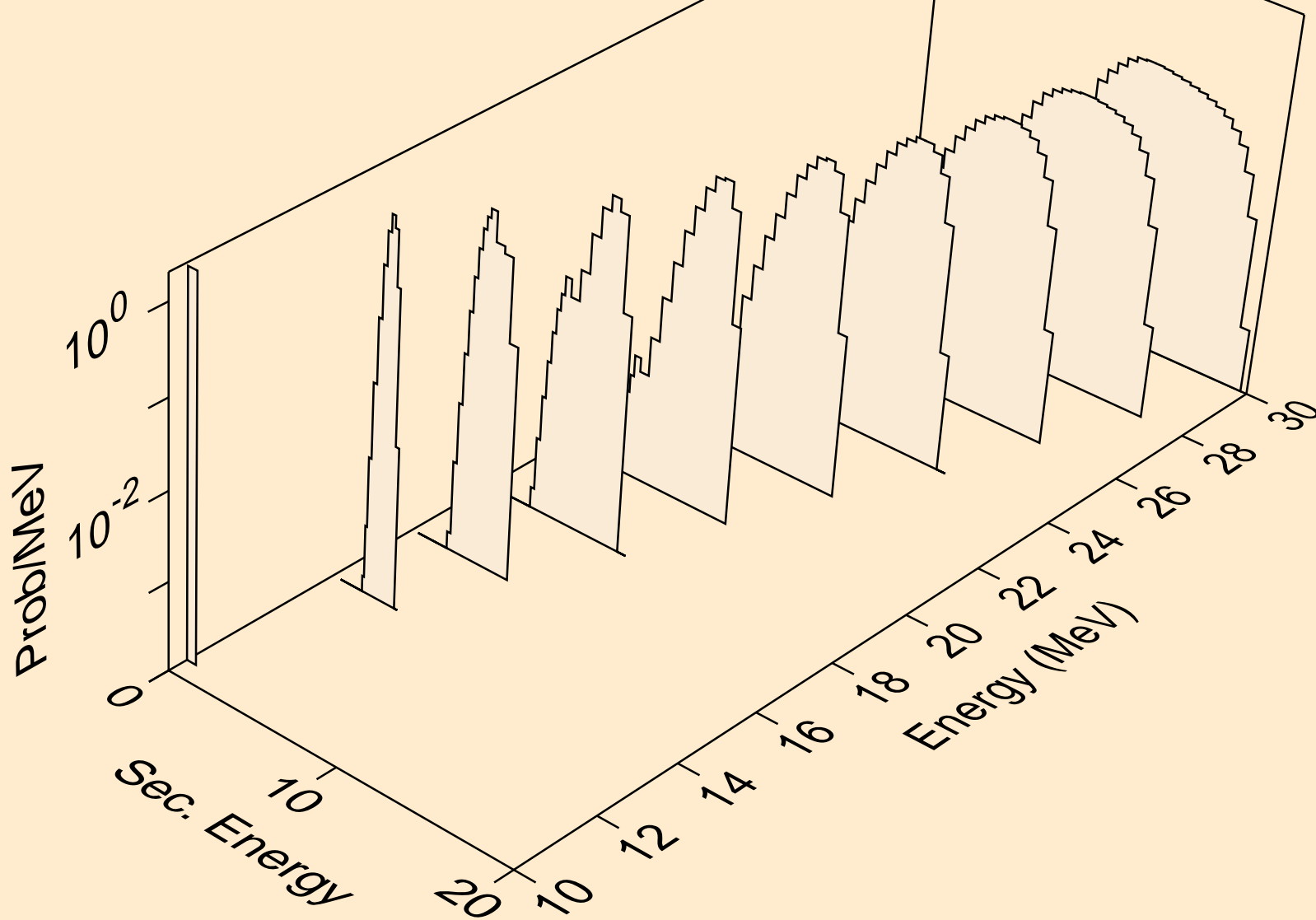




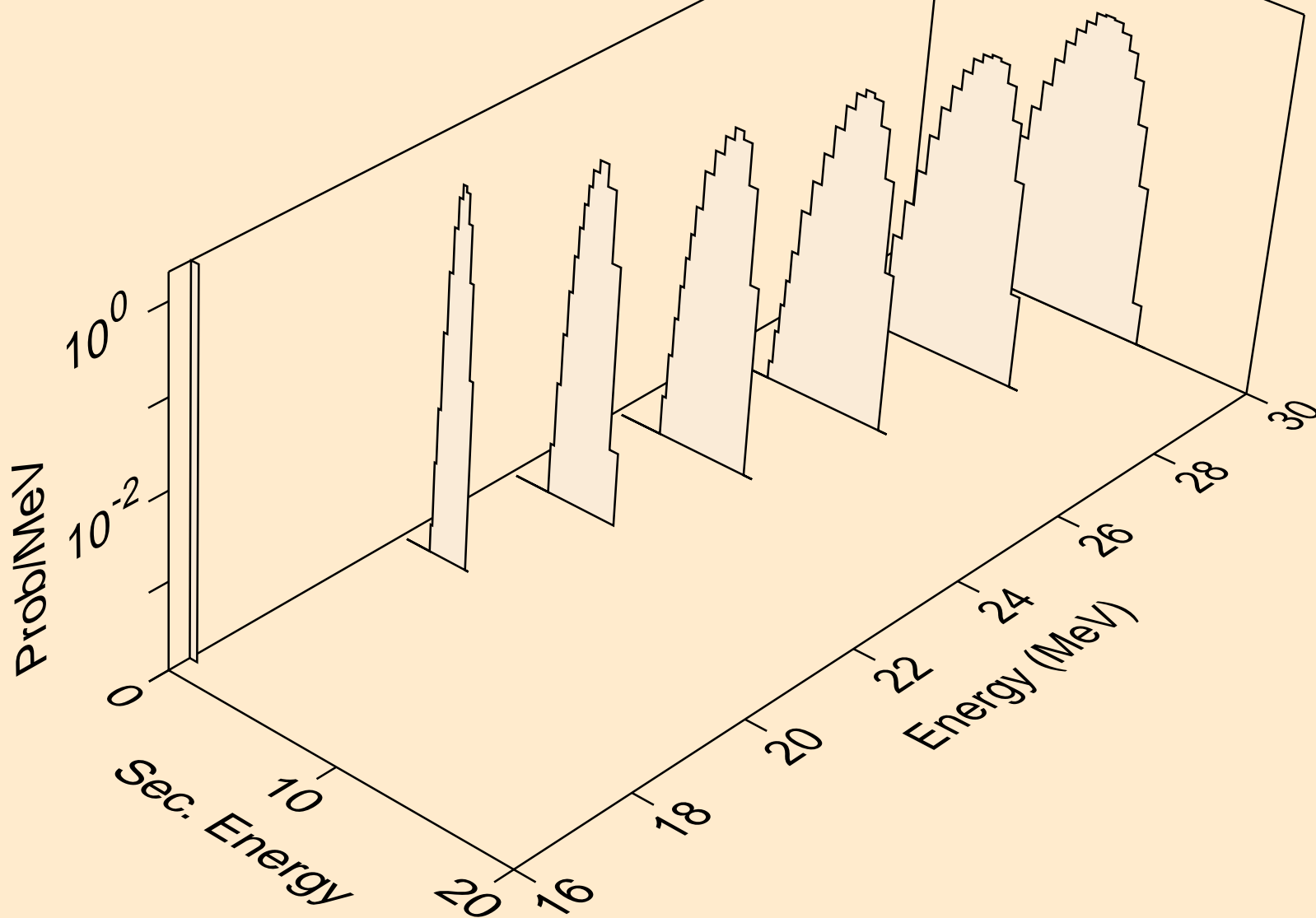
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protons from (n,n\*)p



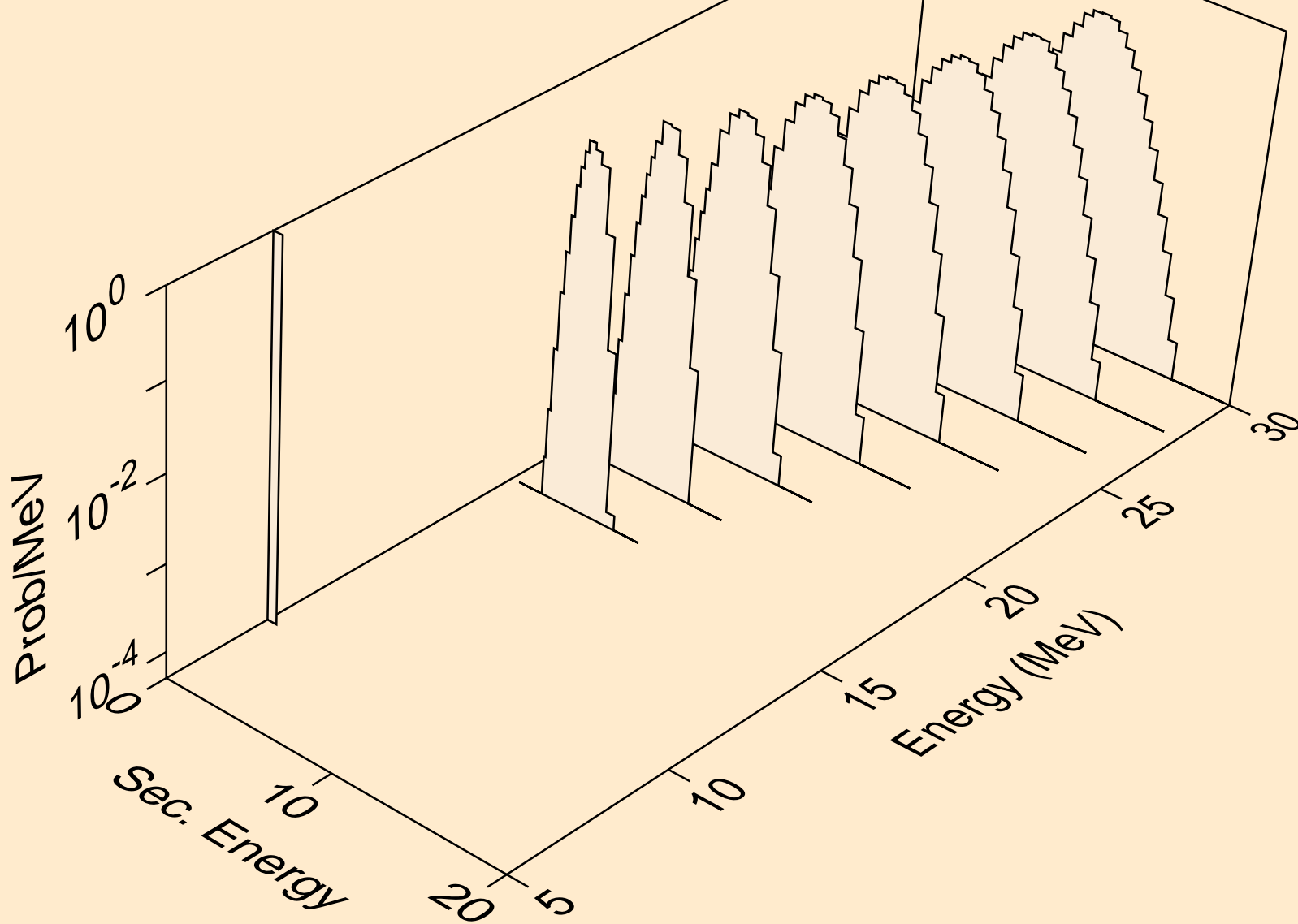
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protons from (n,2np)



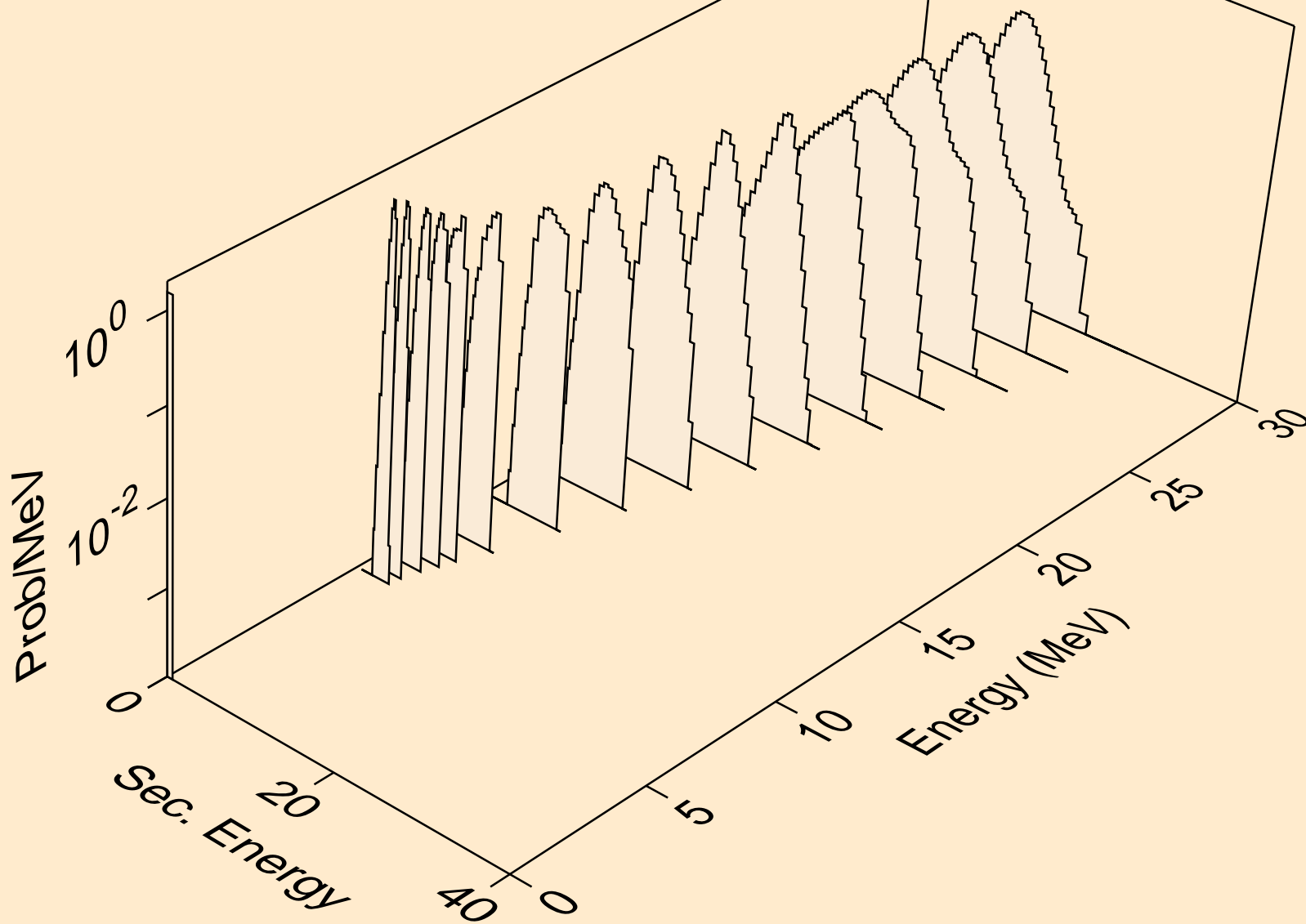
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protons from (n,3np)



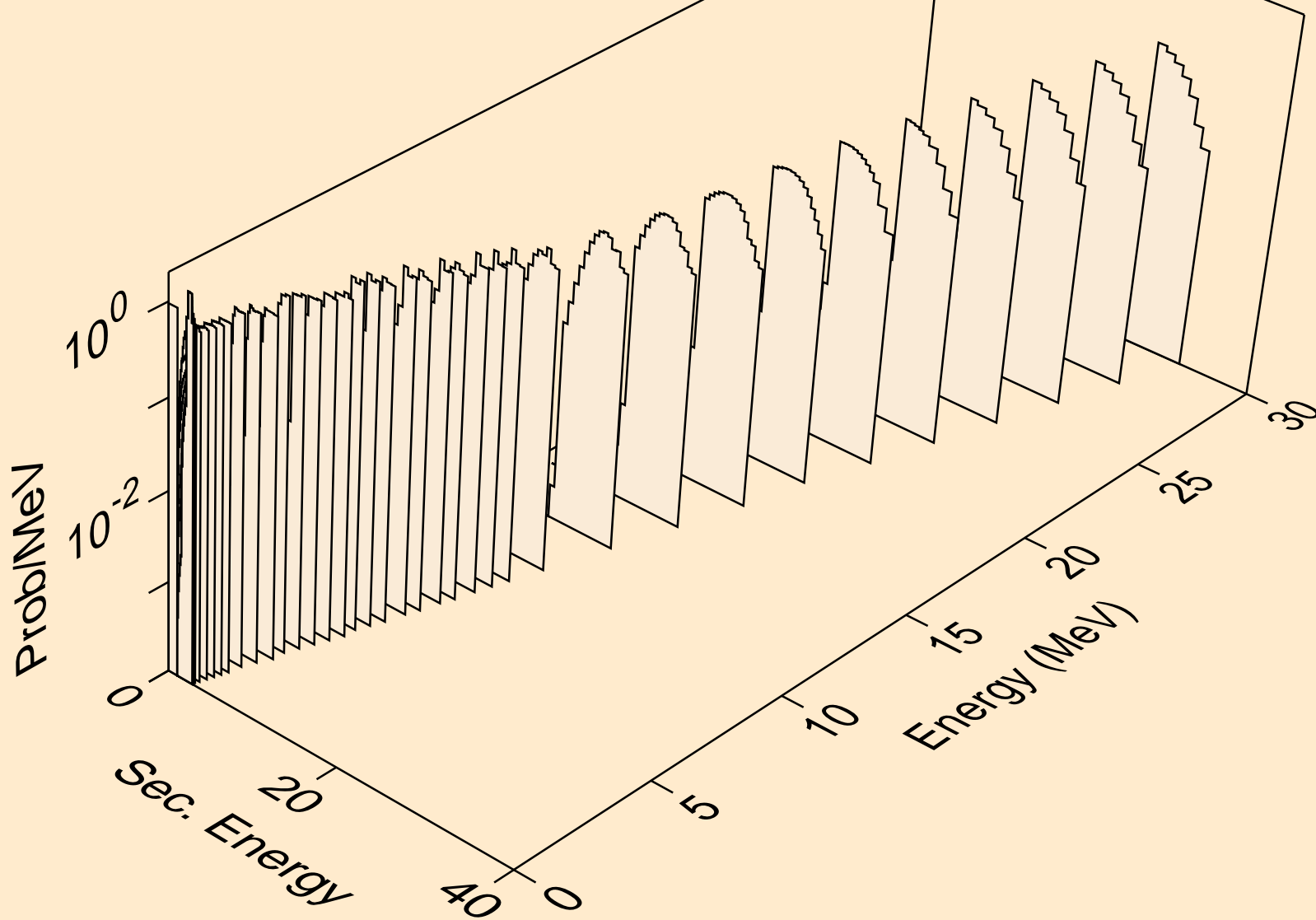
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protons from (n,n2p)



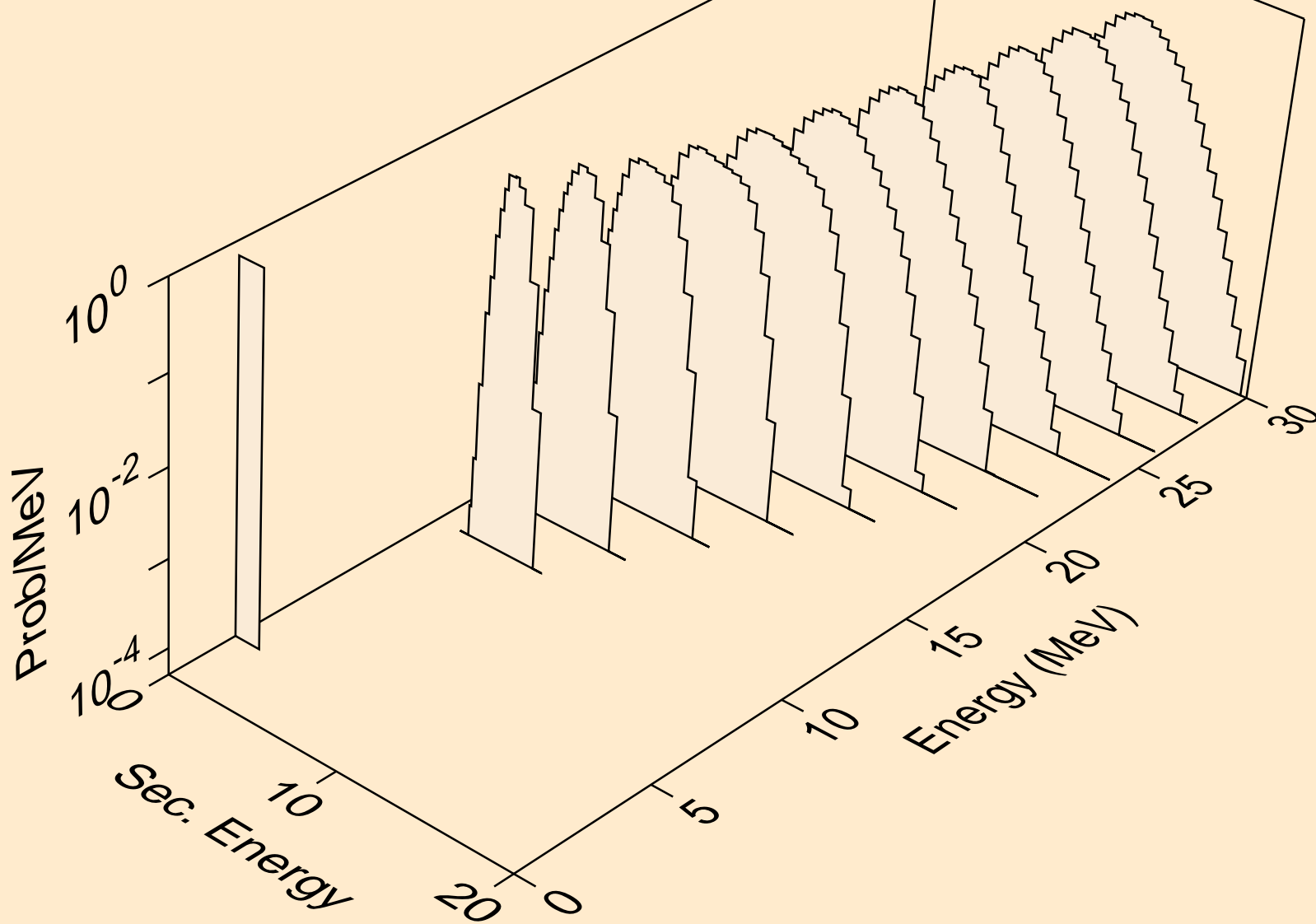
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protons from (n,npa)



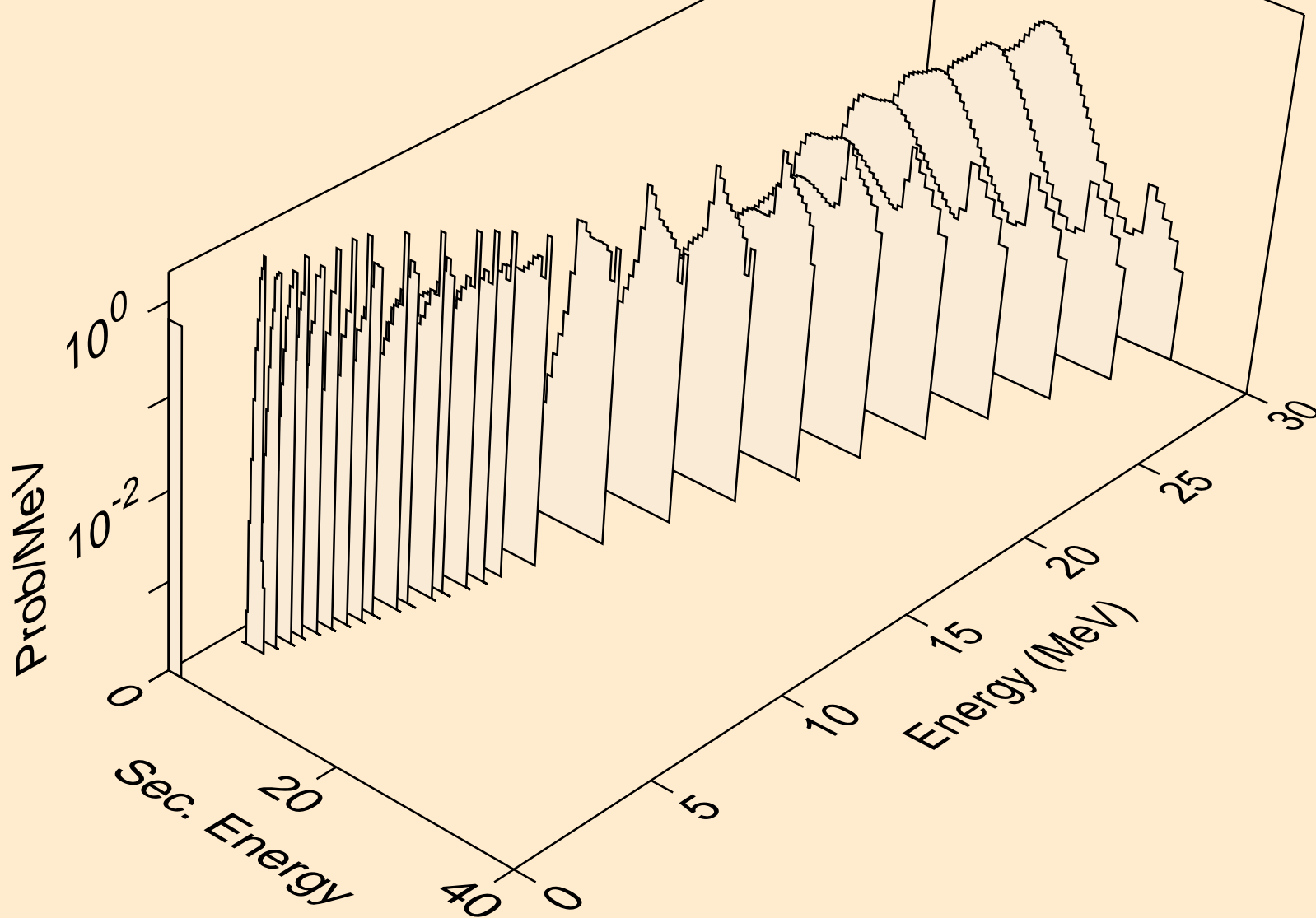
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)

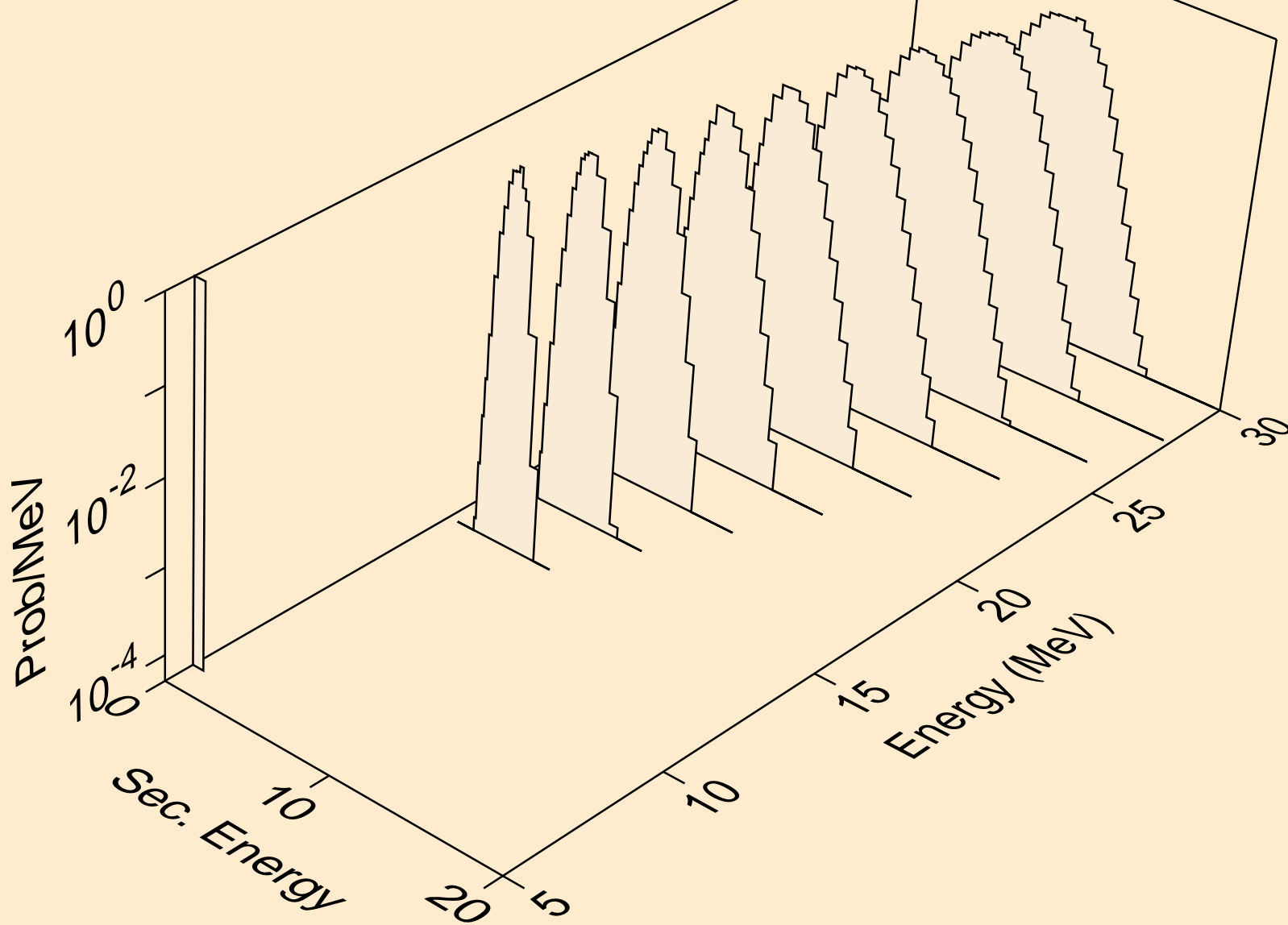


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pa)

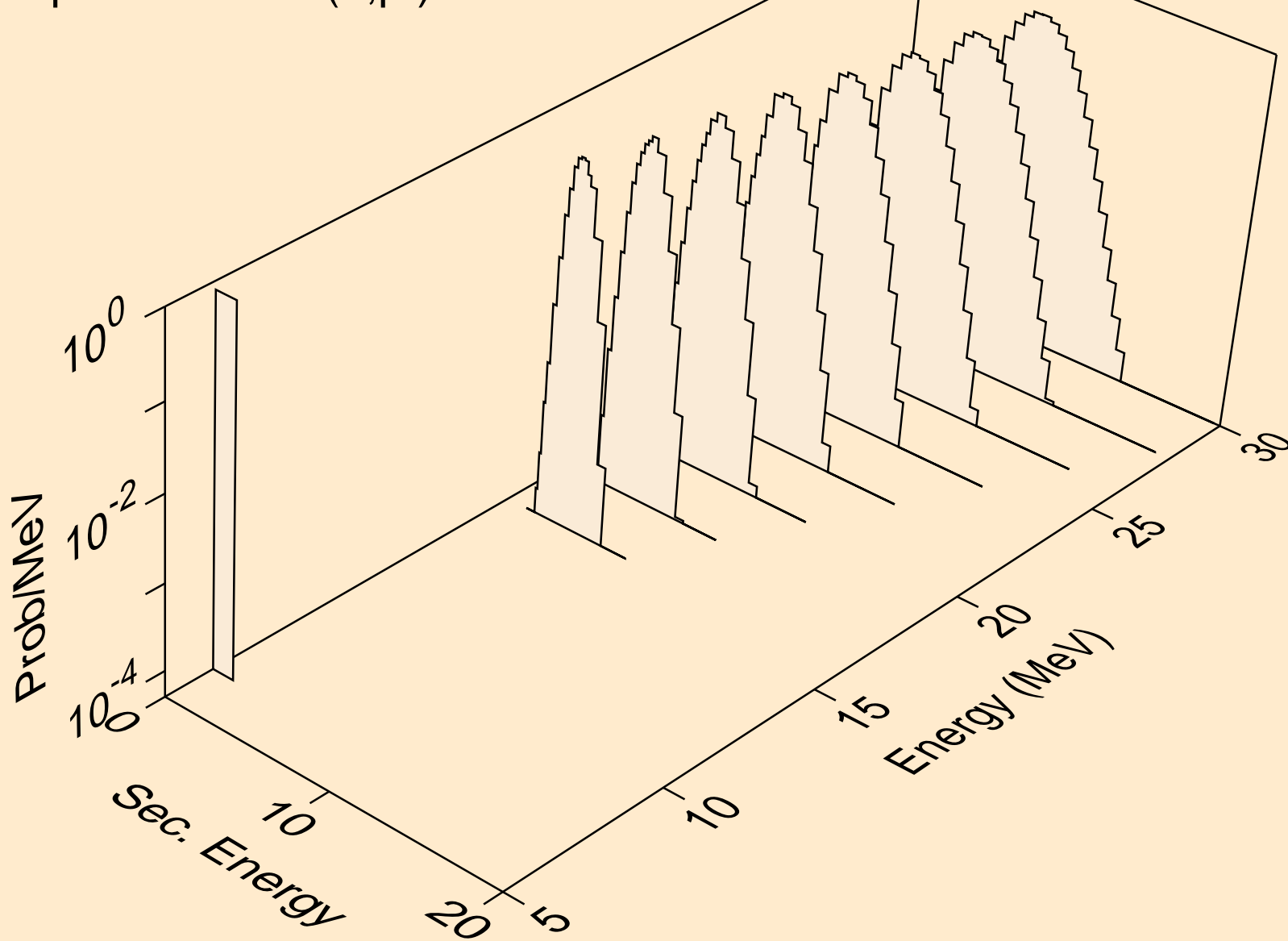




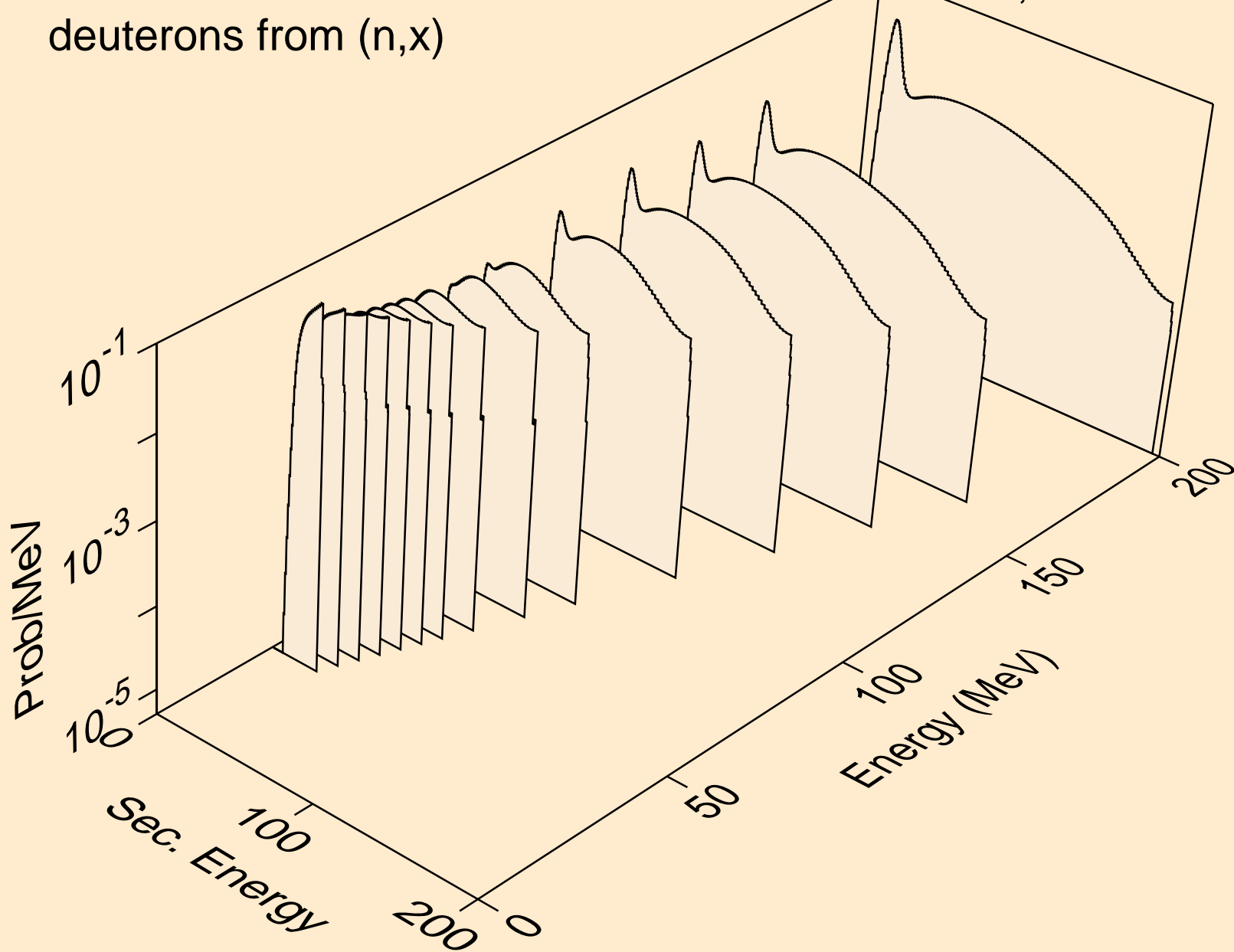
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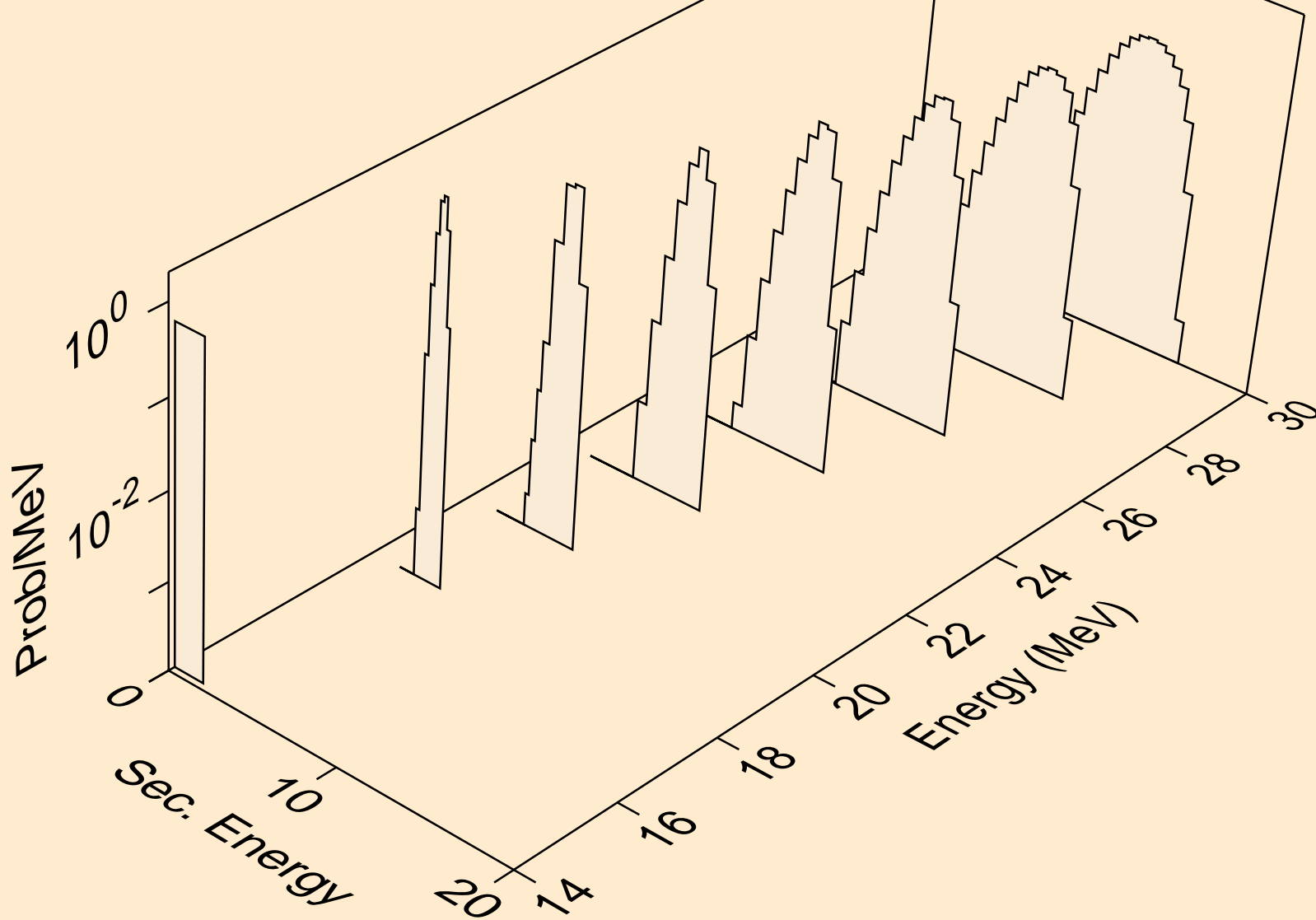
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protons from (n,pt)



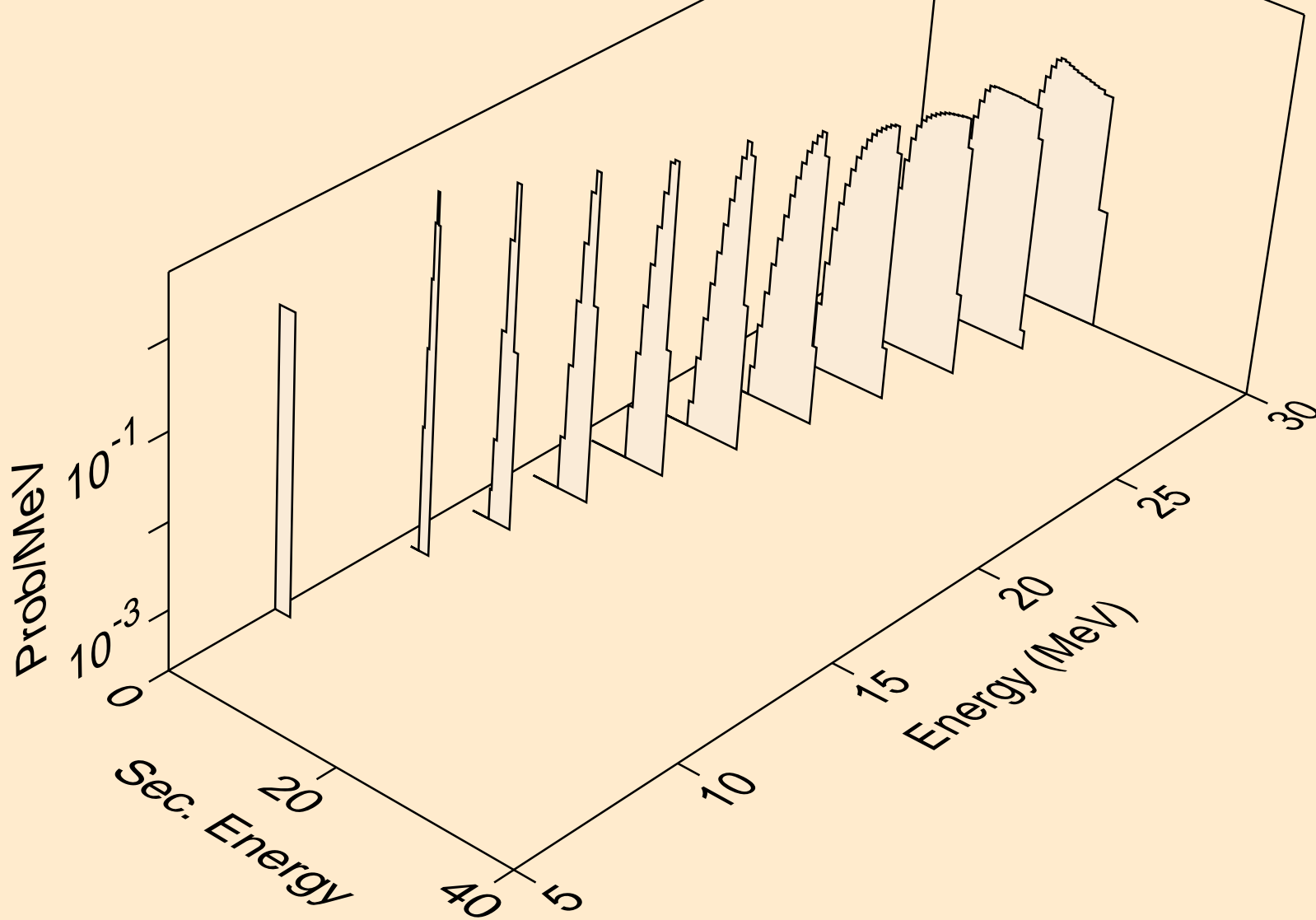
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



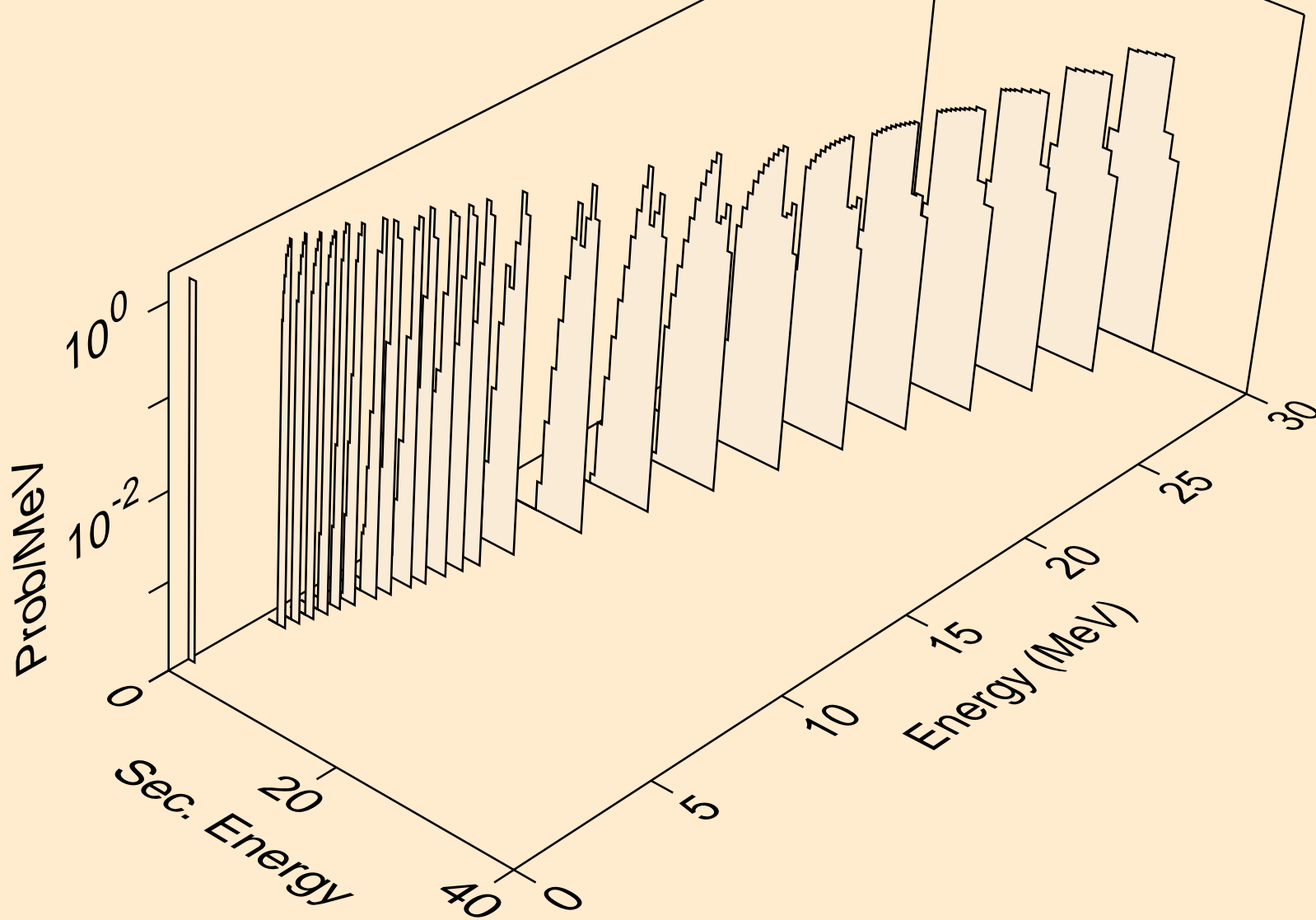
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deuterons from (n,2nd)



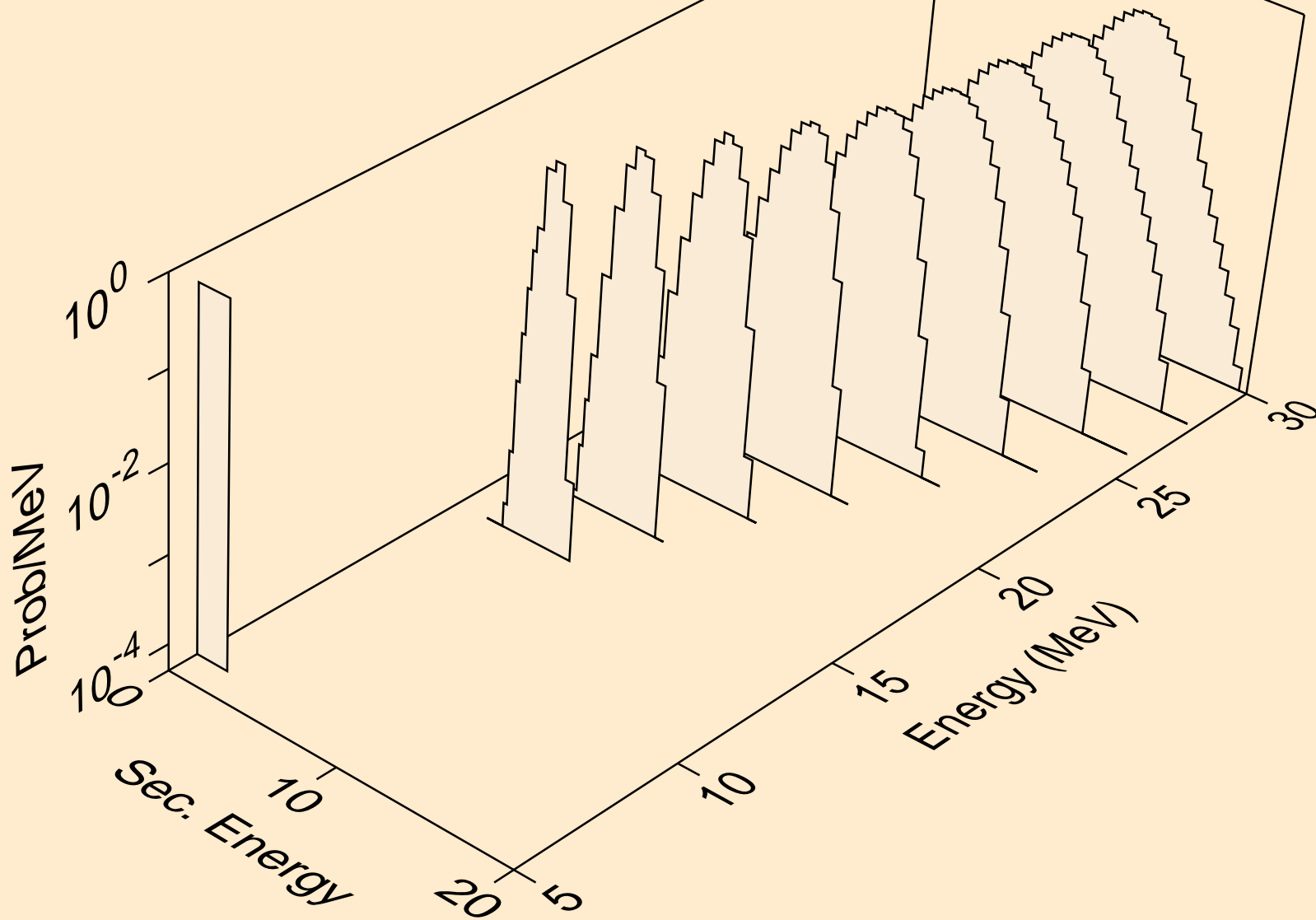
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



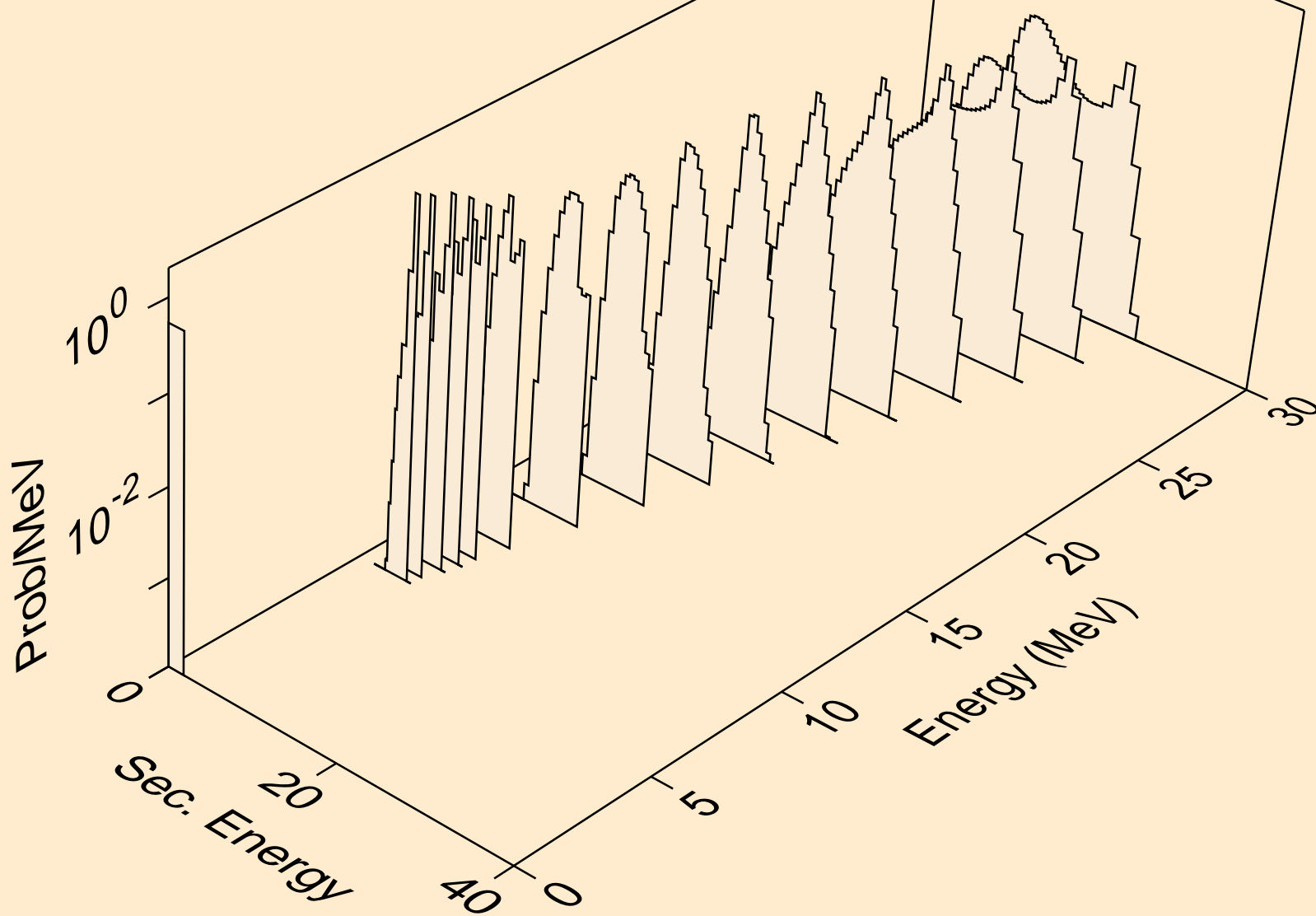
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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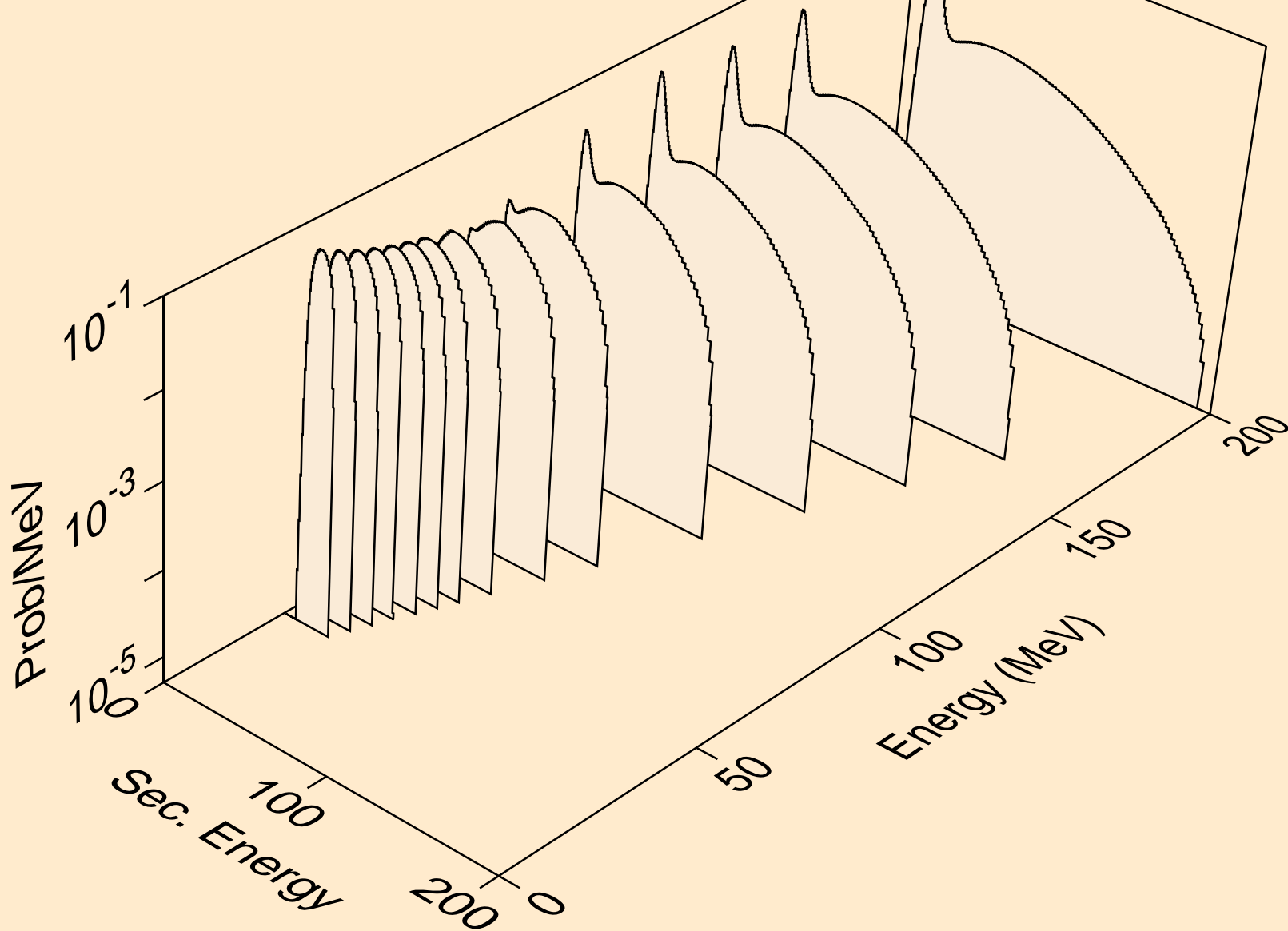


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)

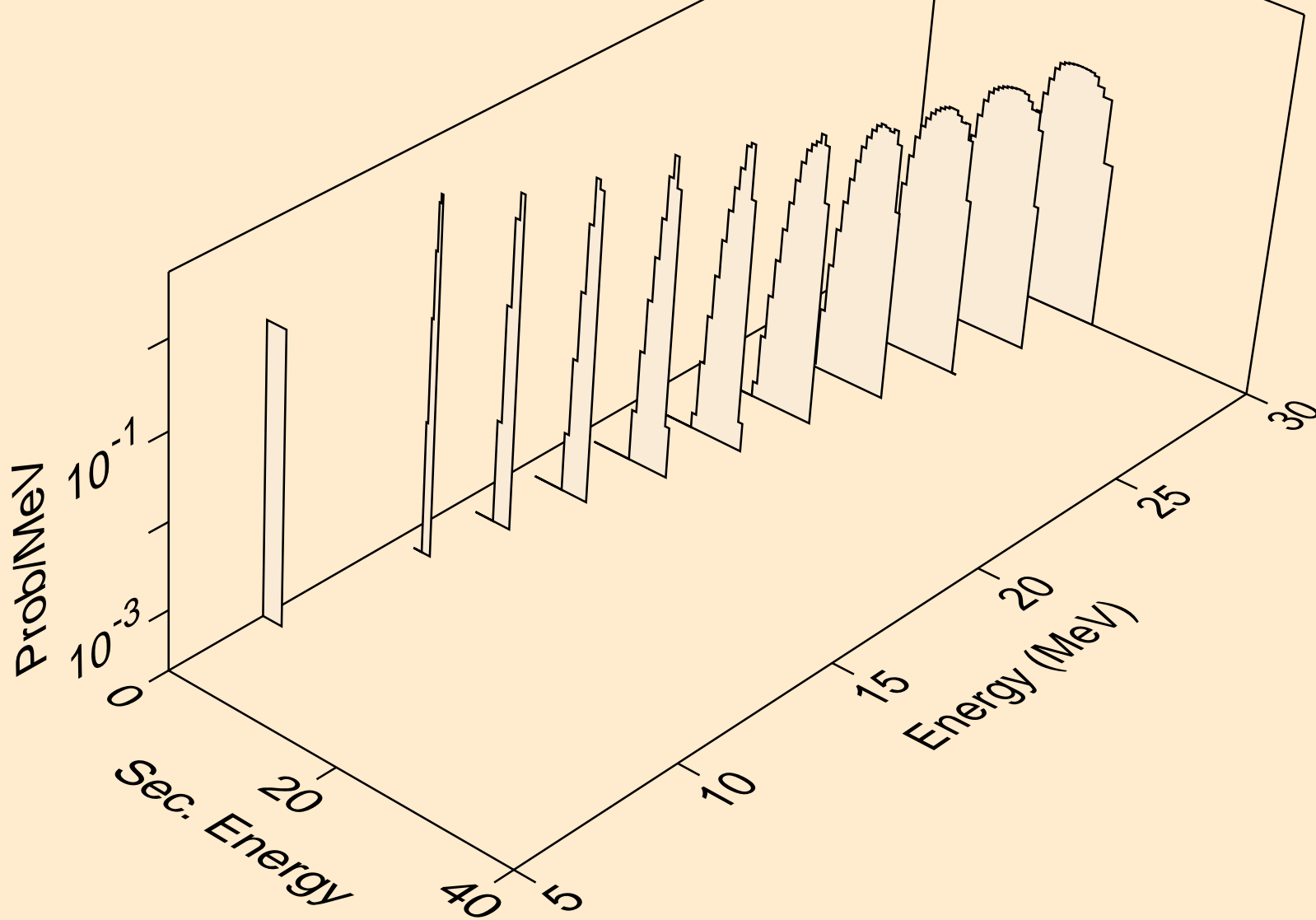




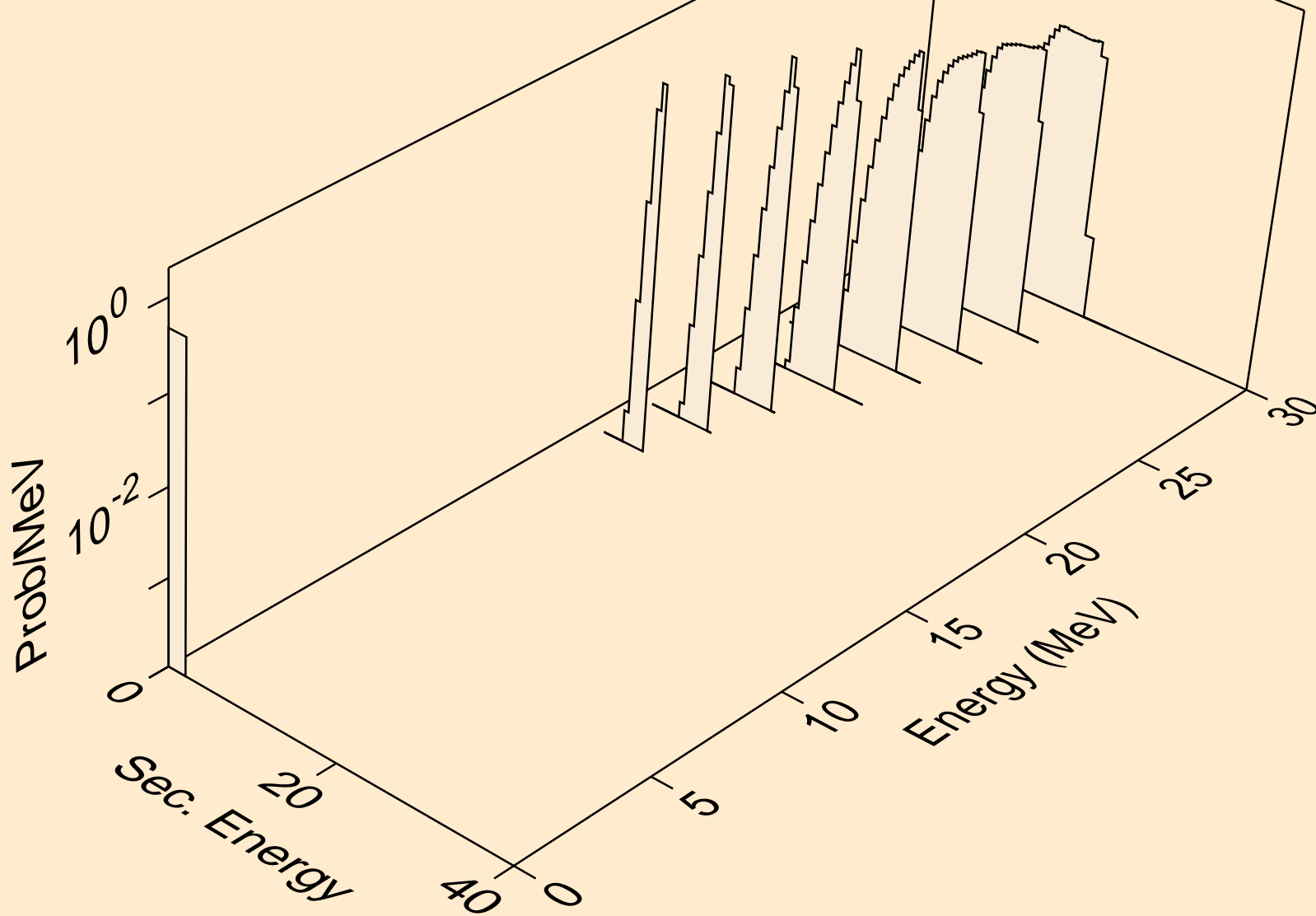
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tritons from (n,x)



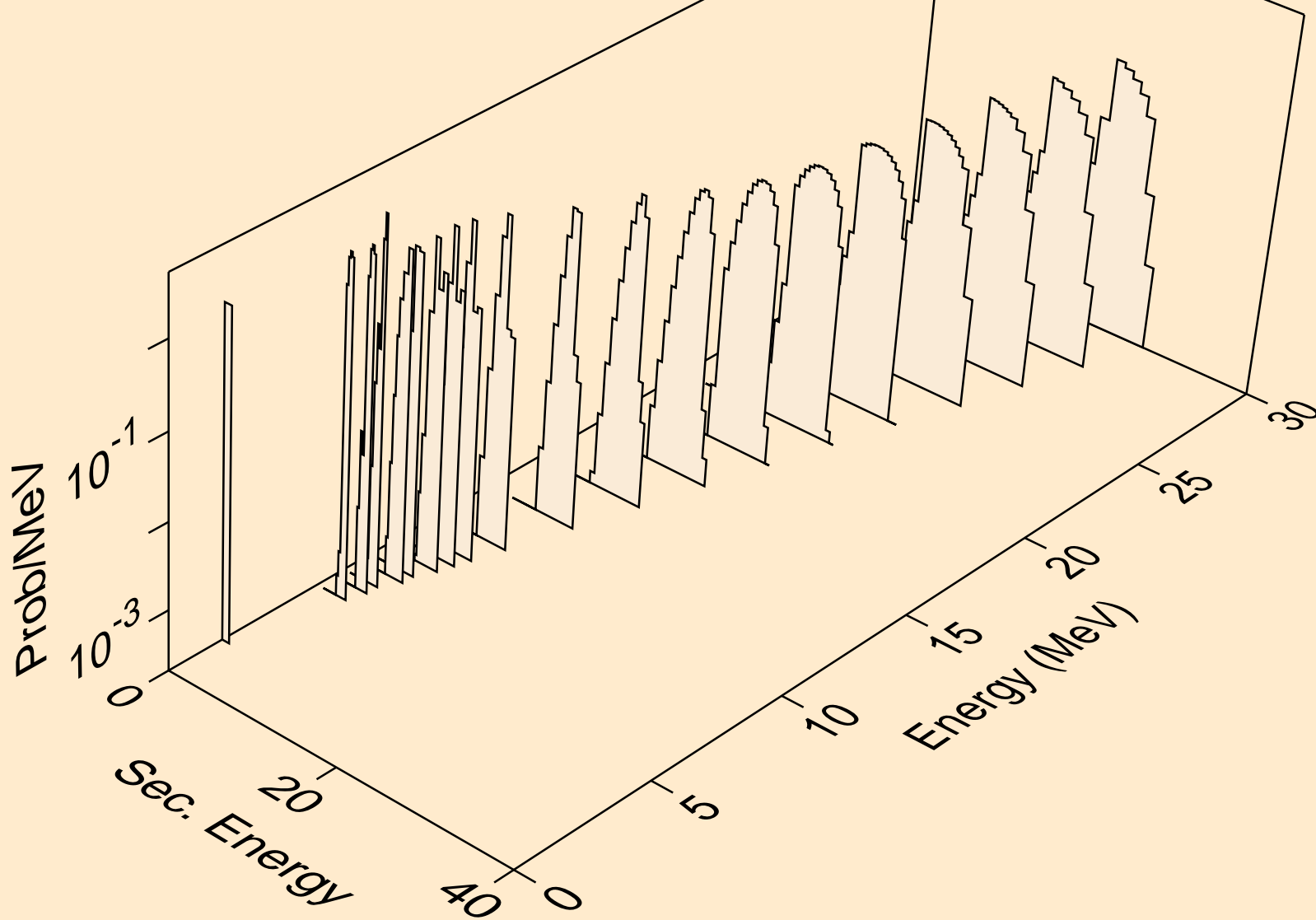
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tritons from (n,n\*)t



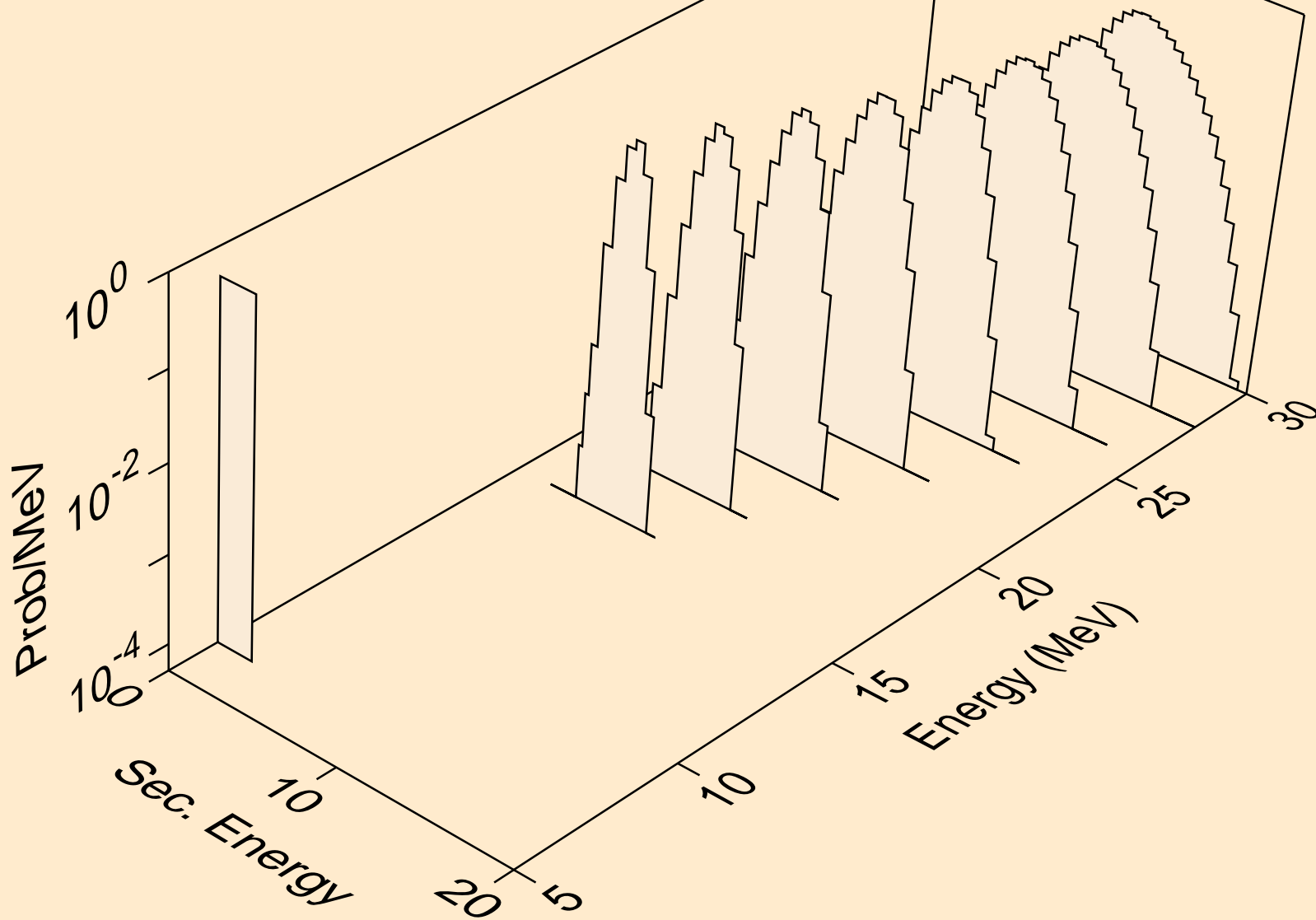
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tritons from (n,n\*)t2a



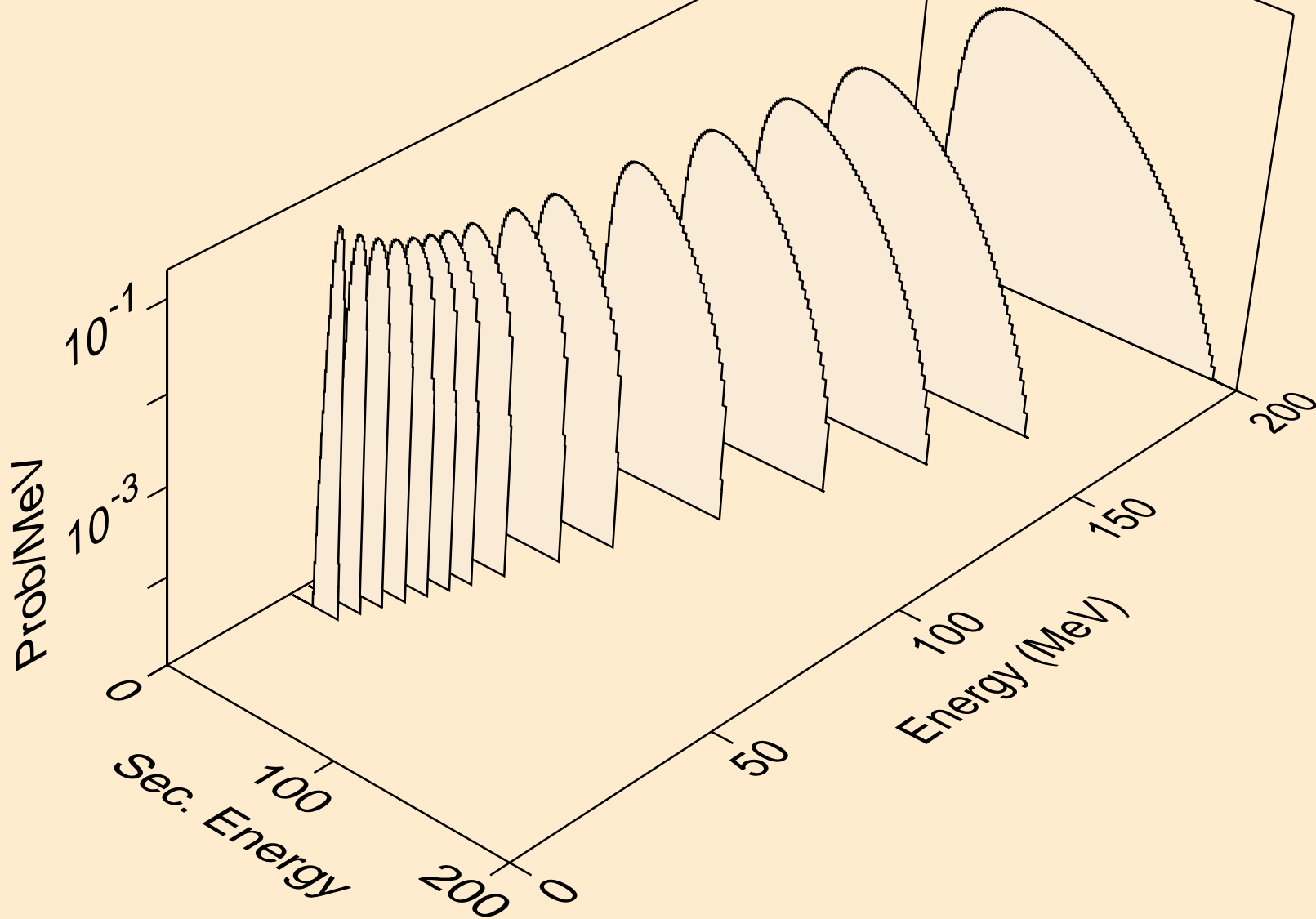
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tritons from (n,t)



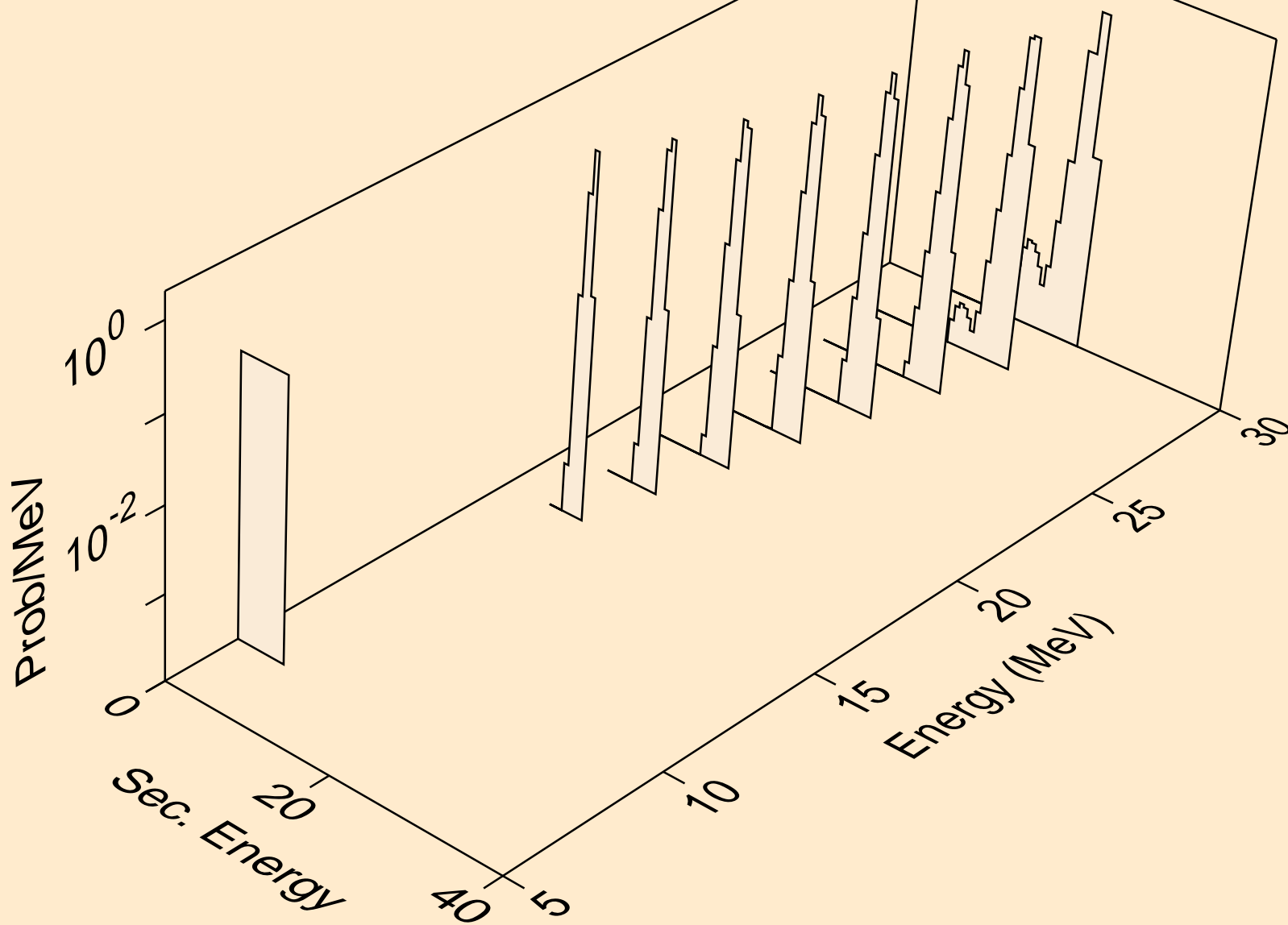
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tritons from (n,pt)



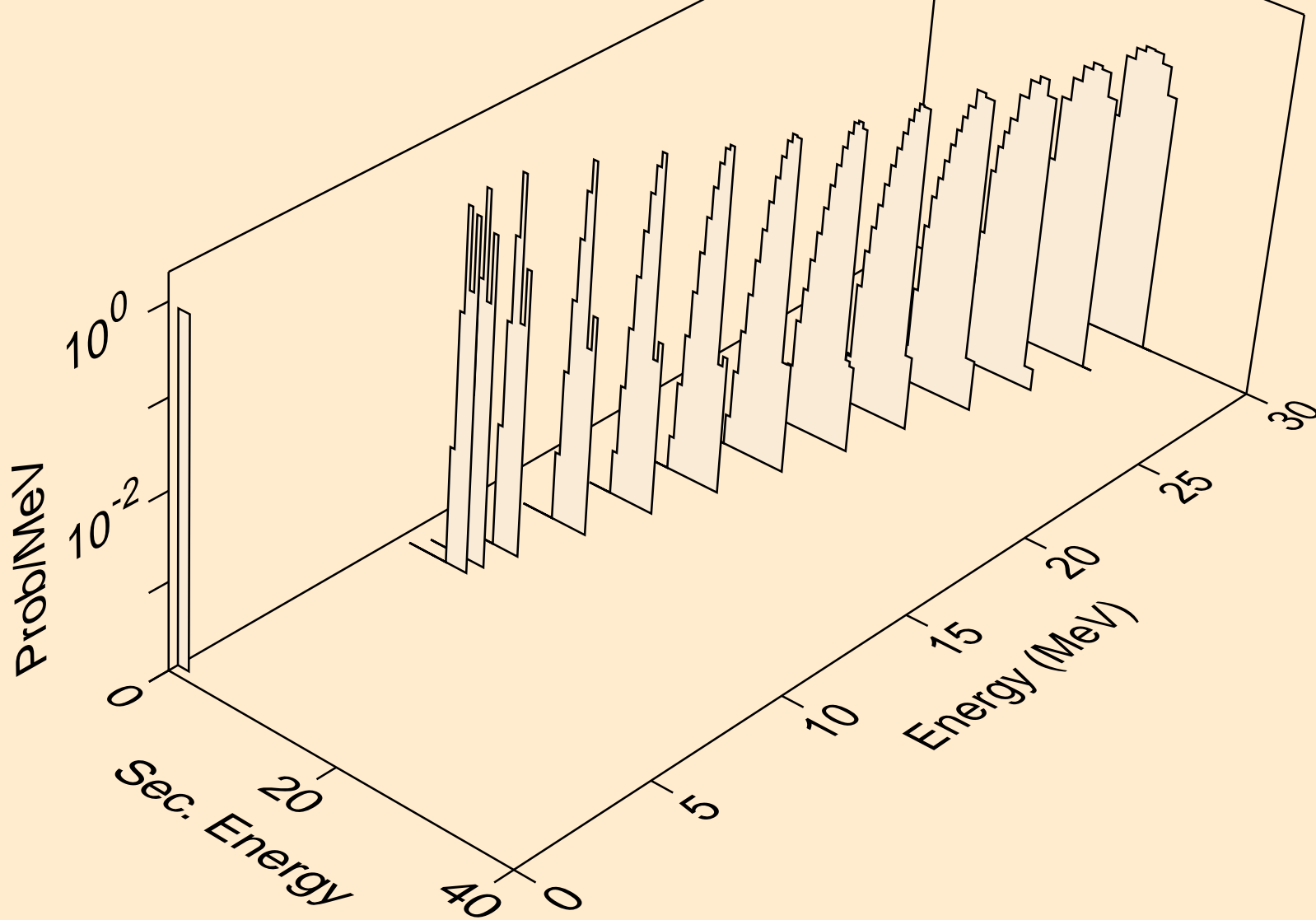
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

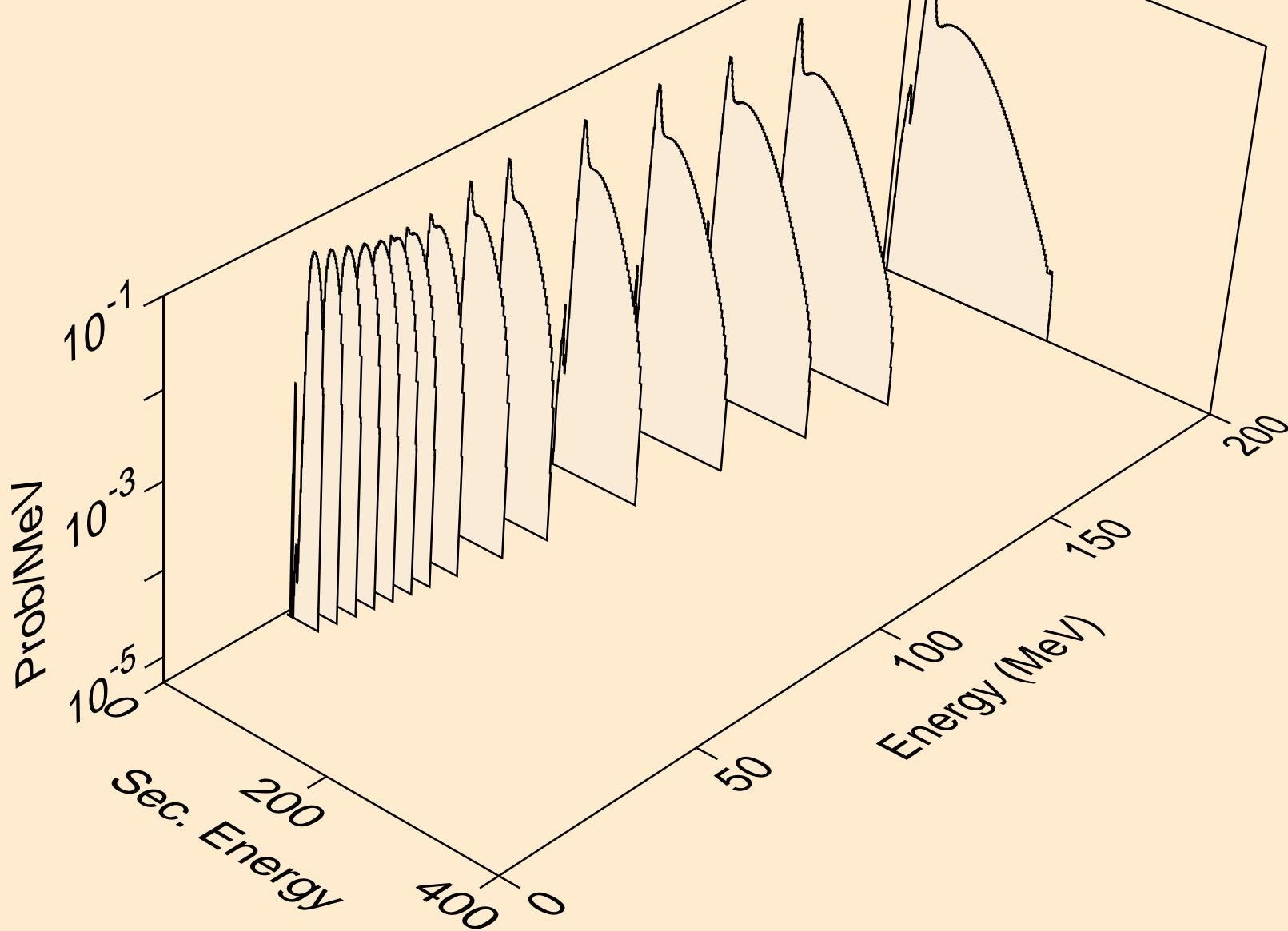


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

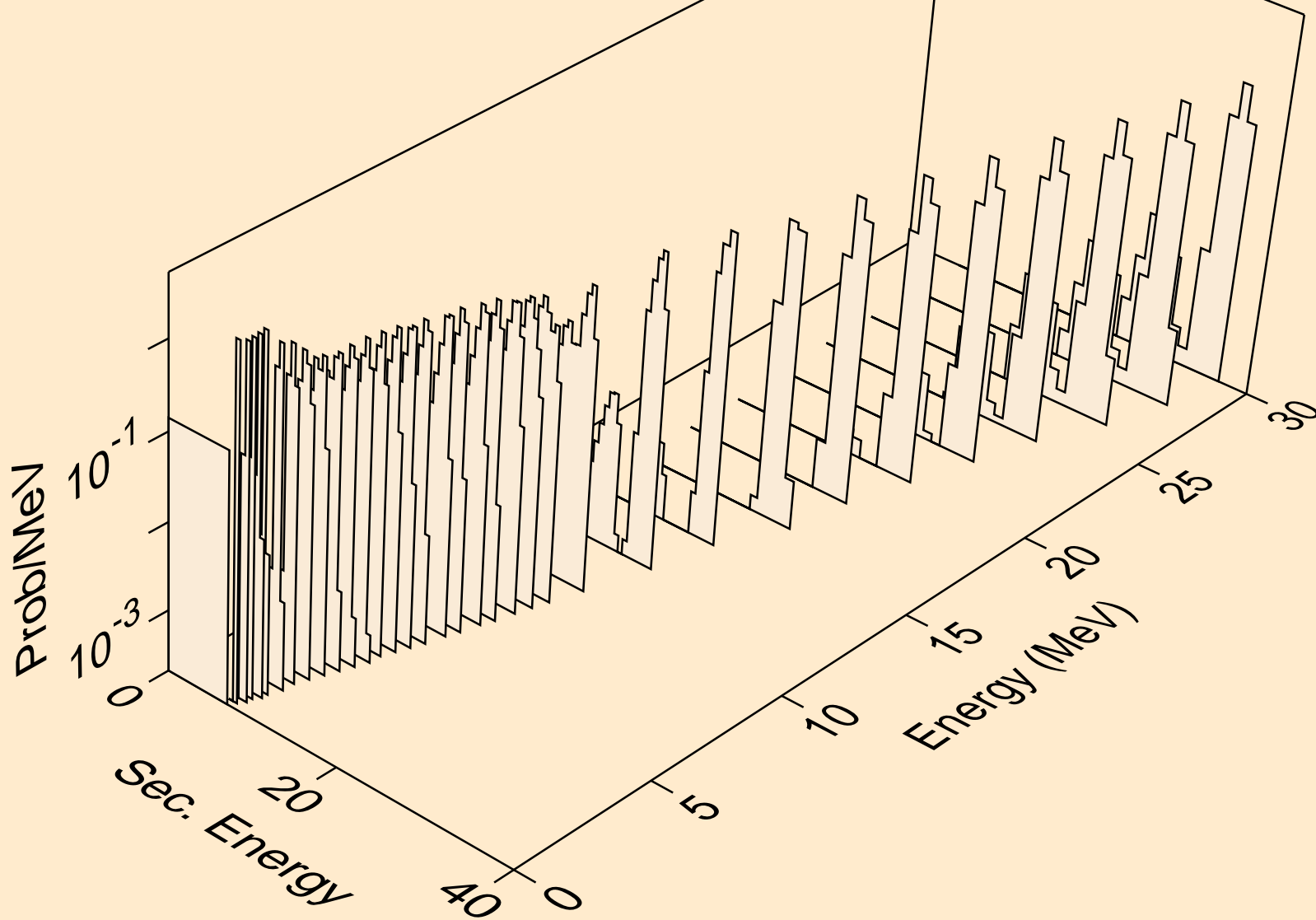




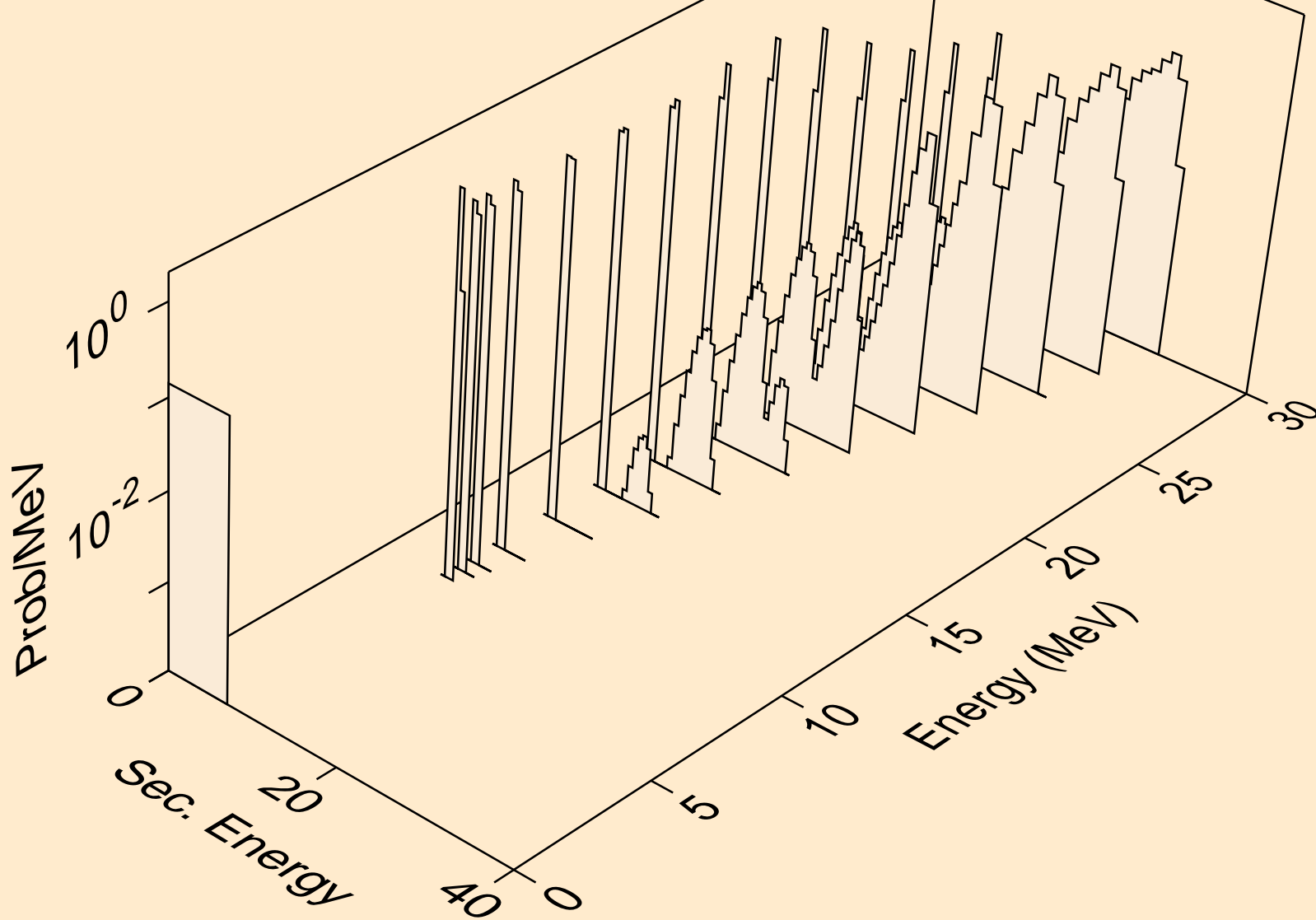
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



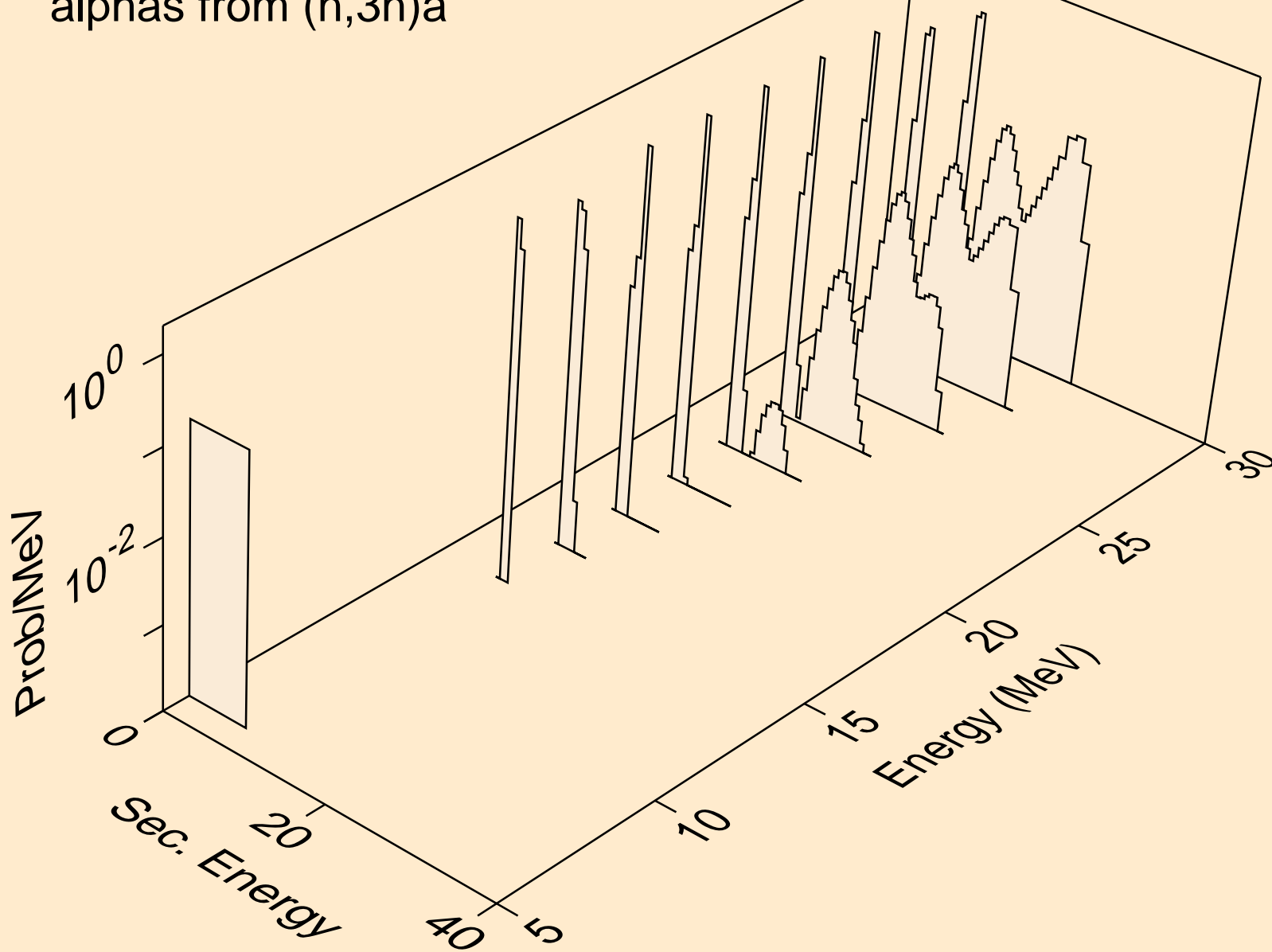
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



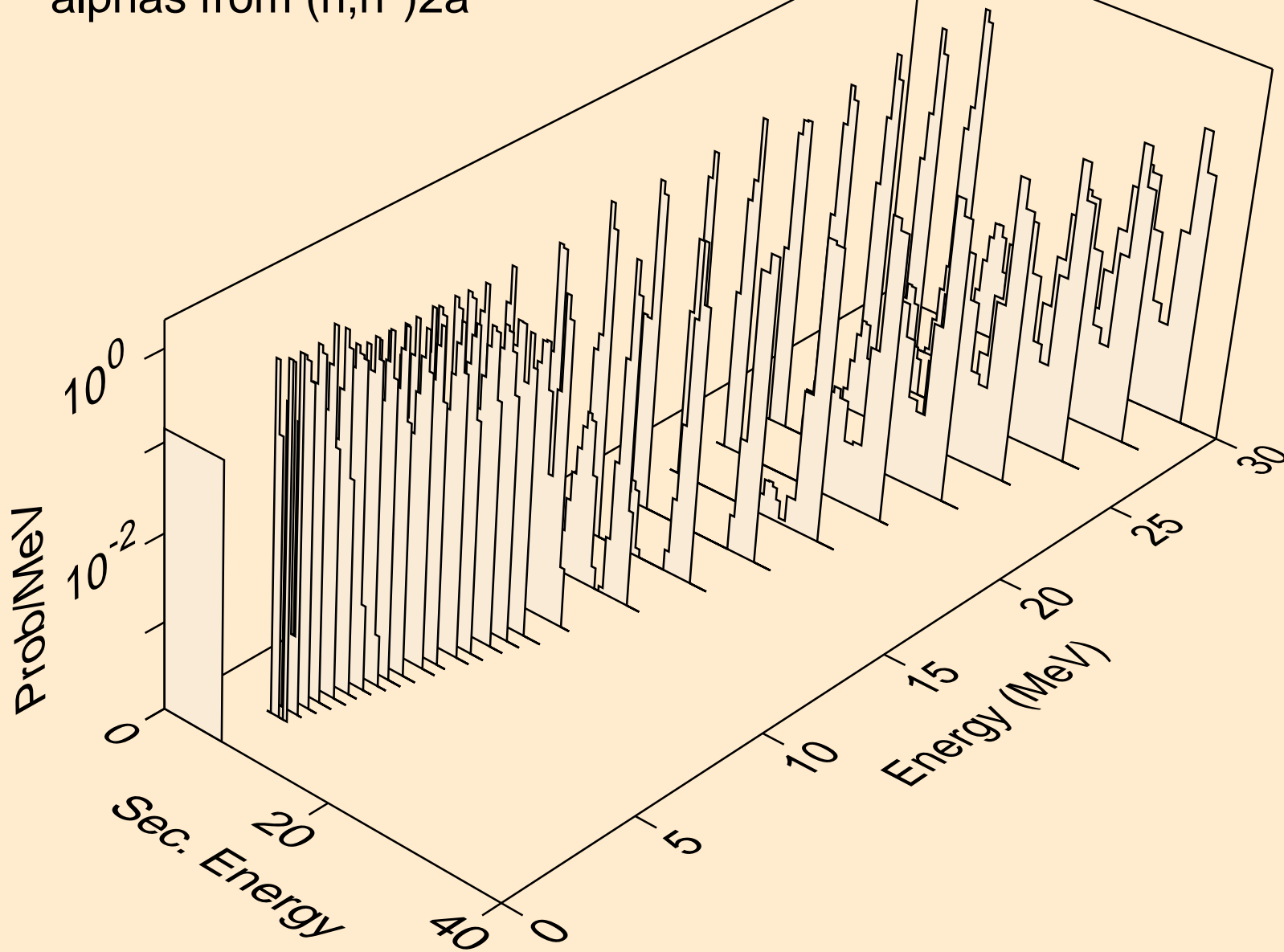
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alphas from (n,2n)a



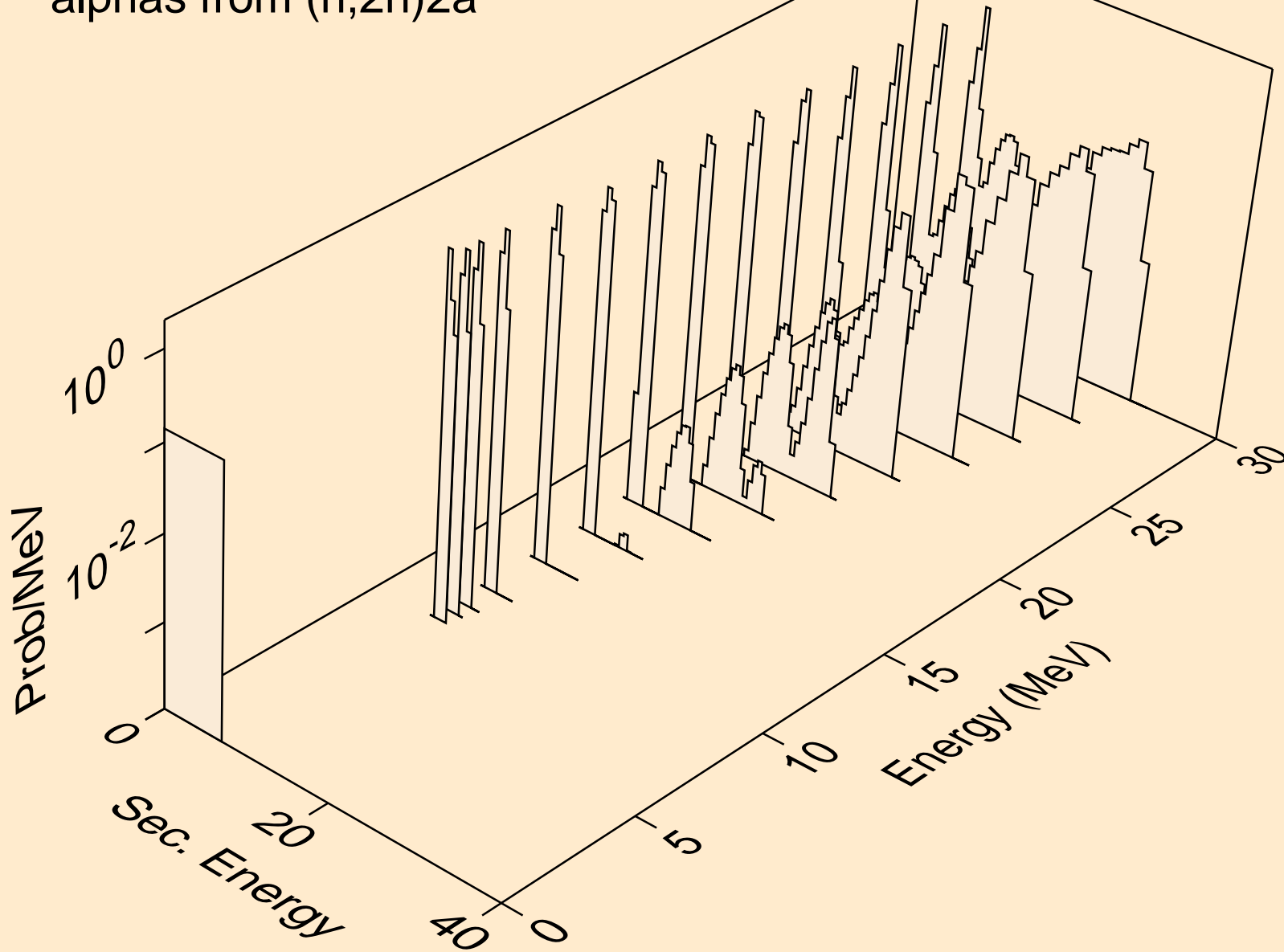
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



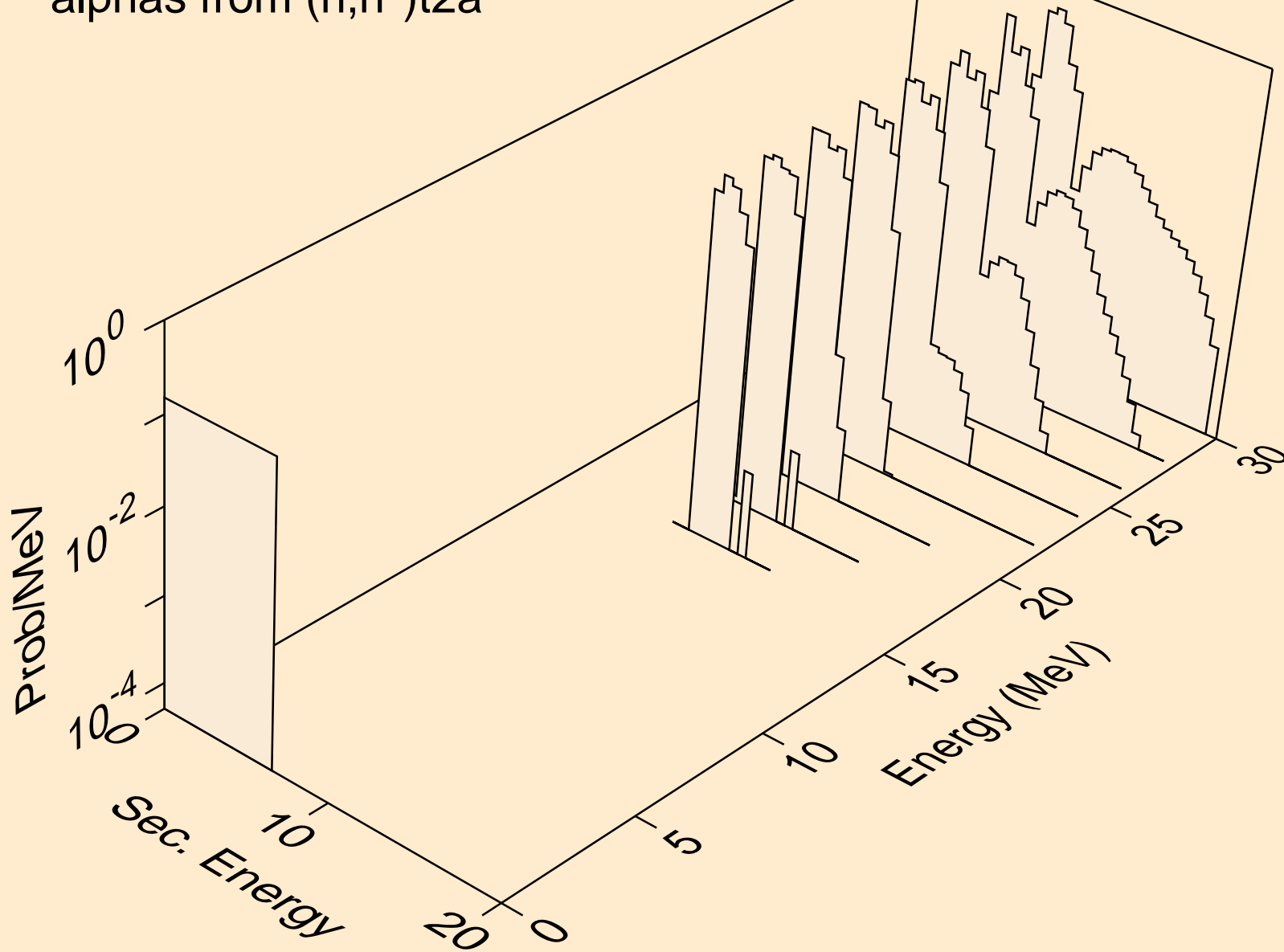
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



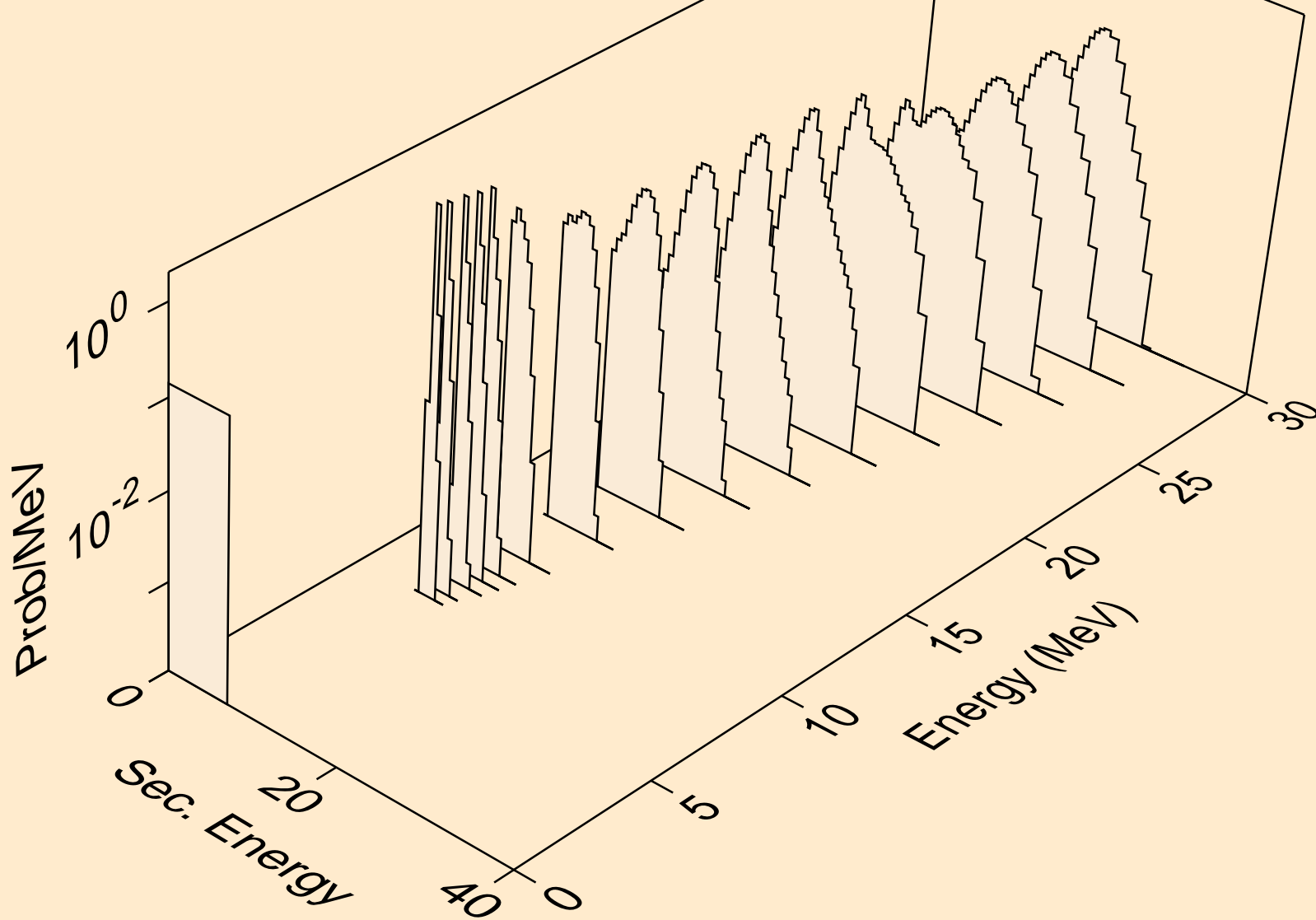
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)t2a

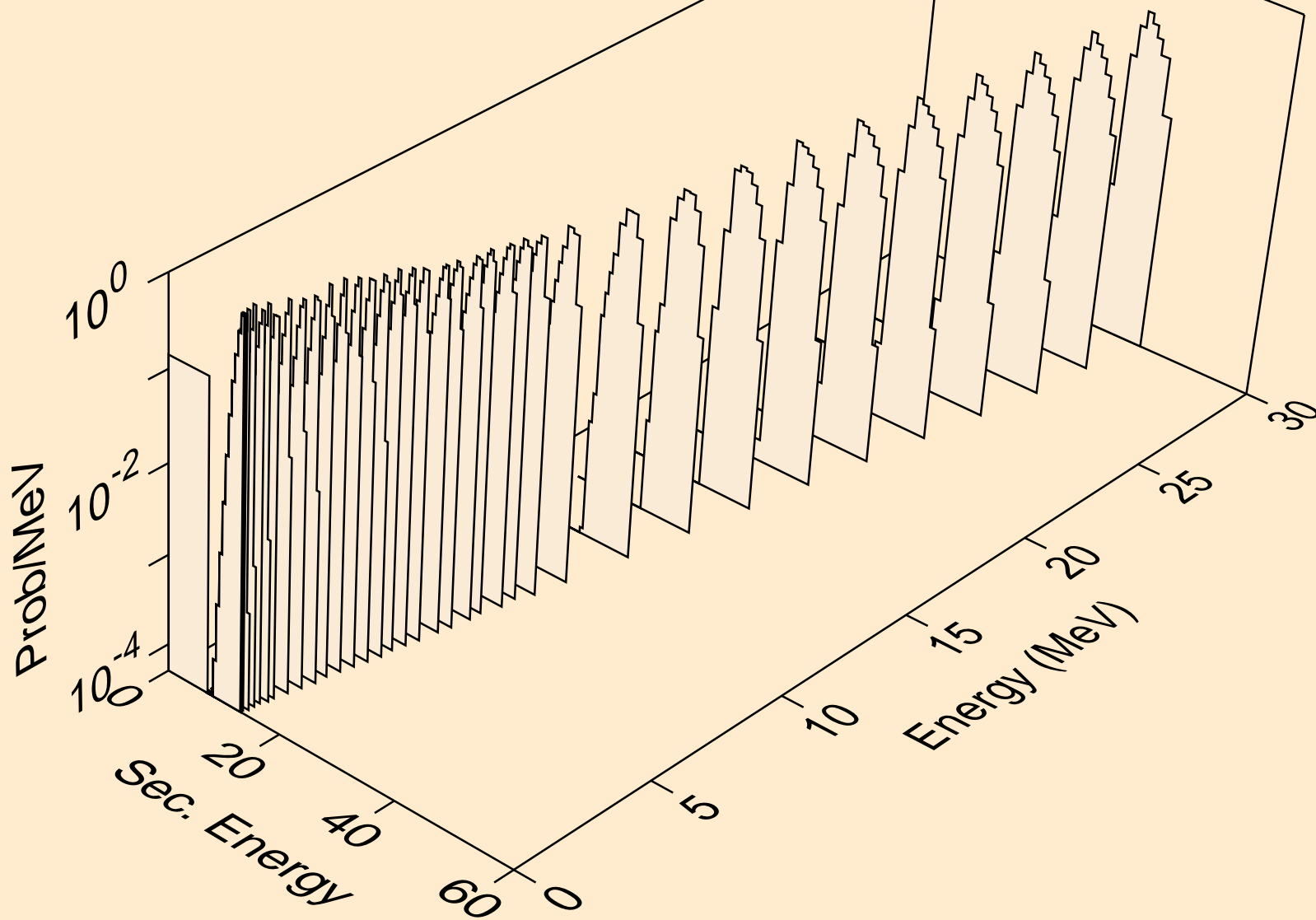


PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

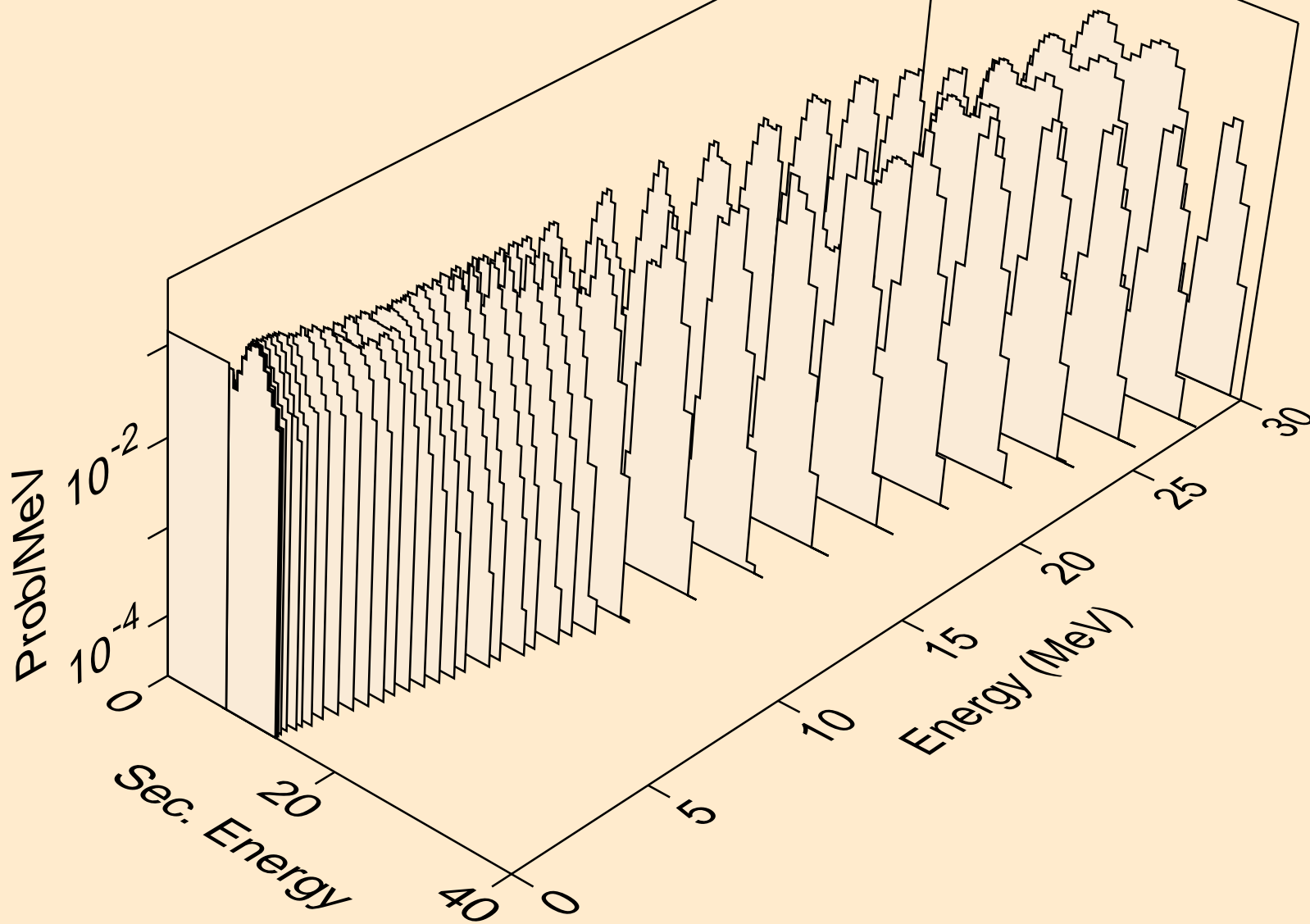




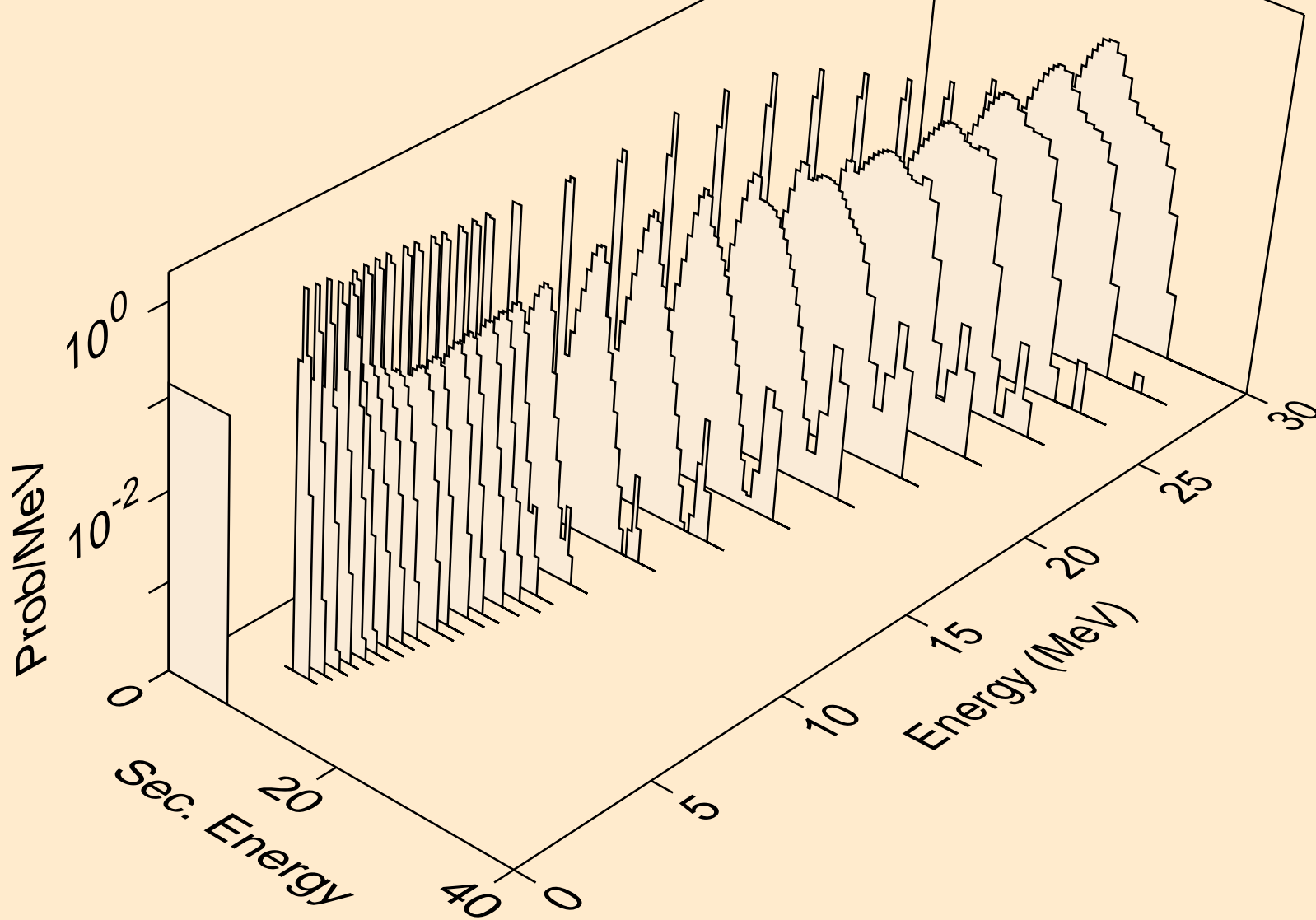
PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



PA225 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

