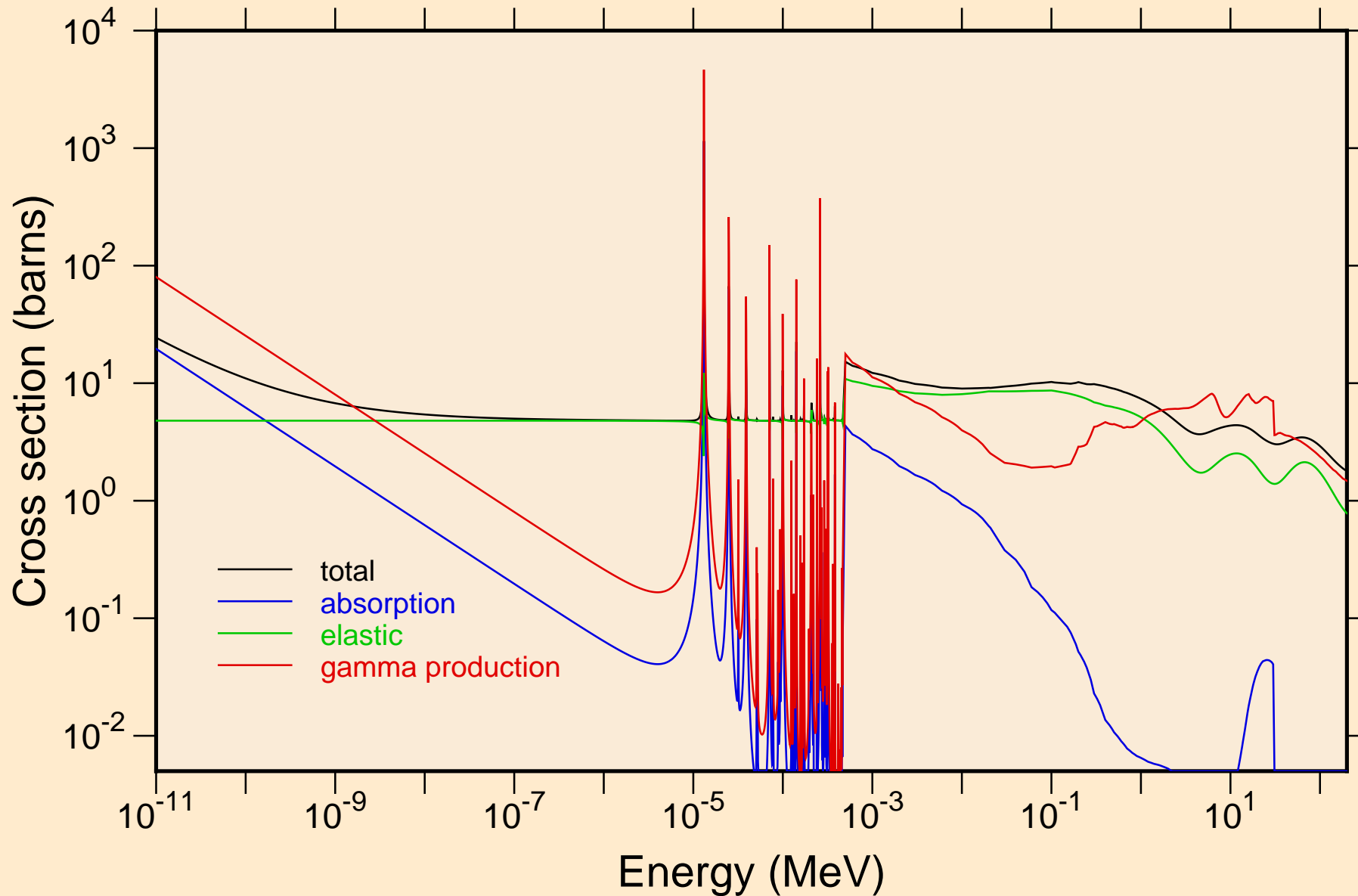
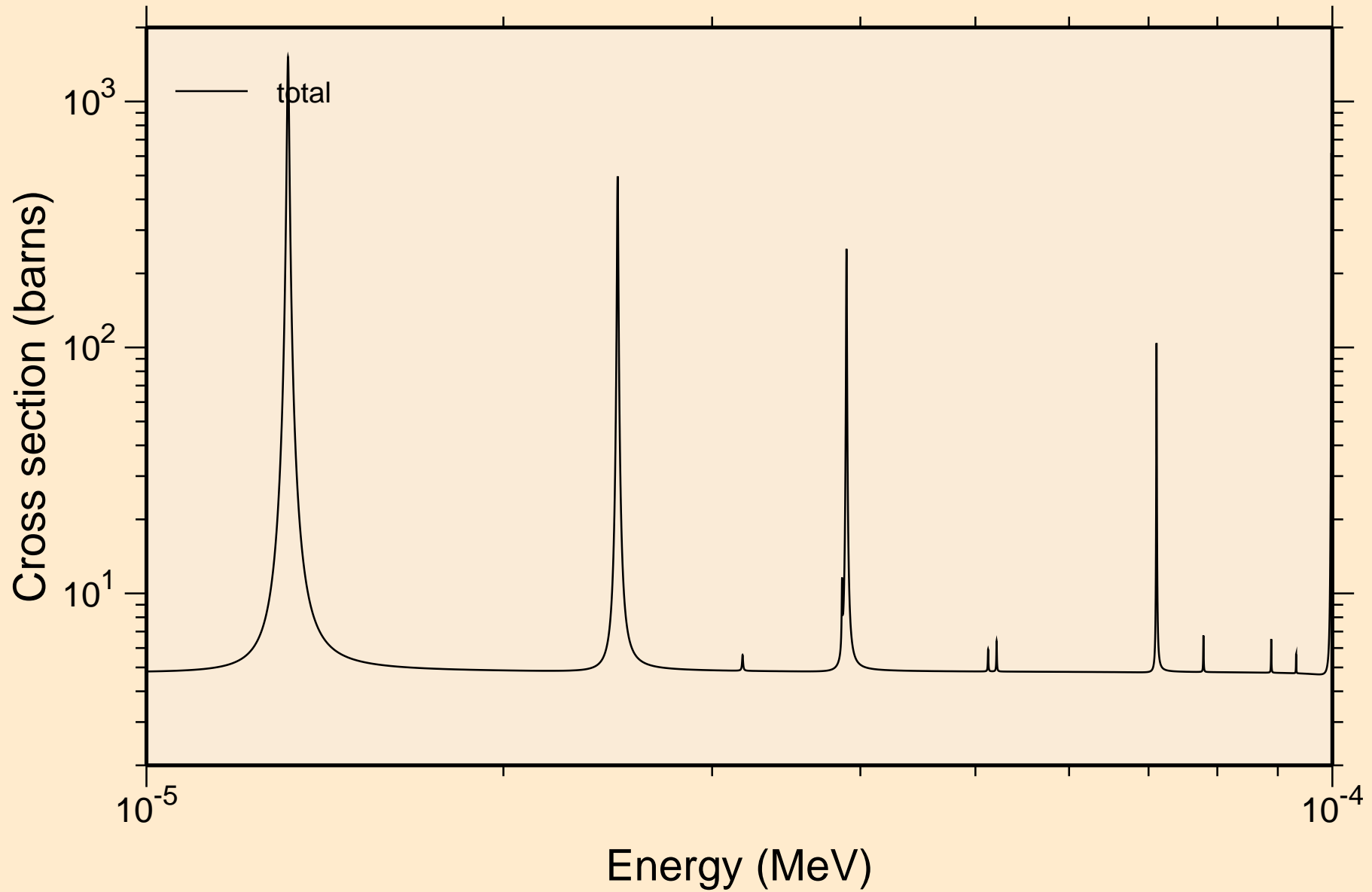


# RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

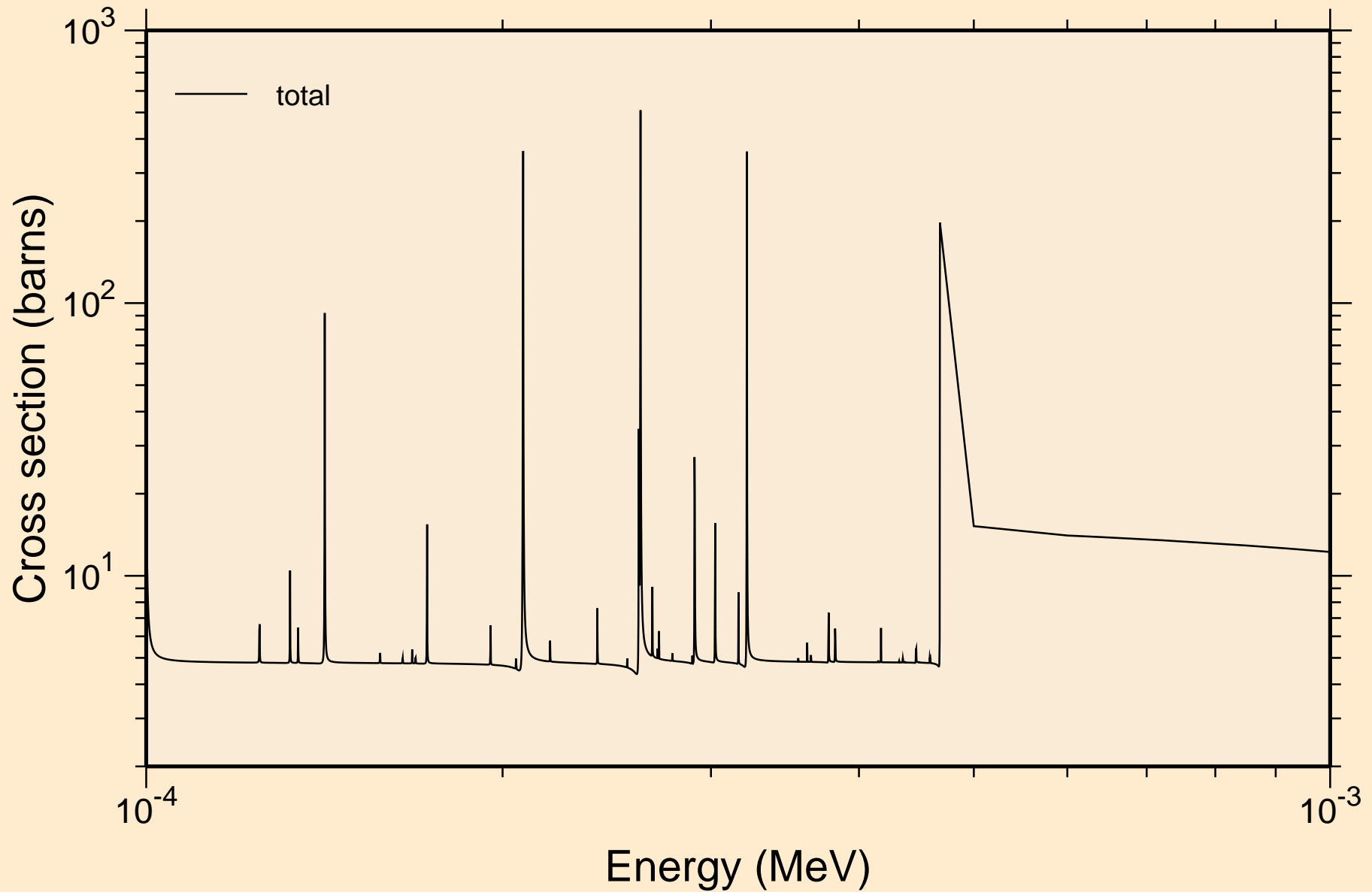
## Principal cross sections



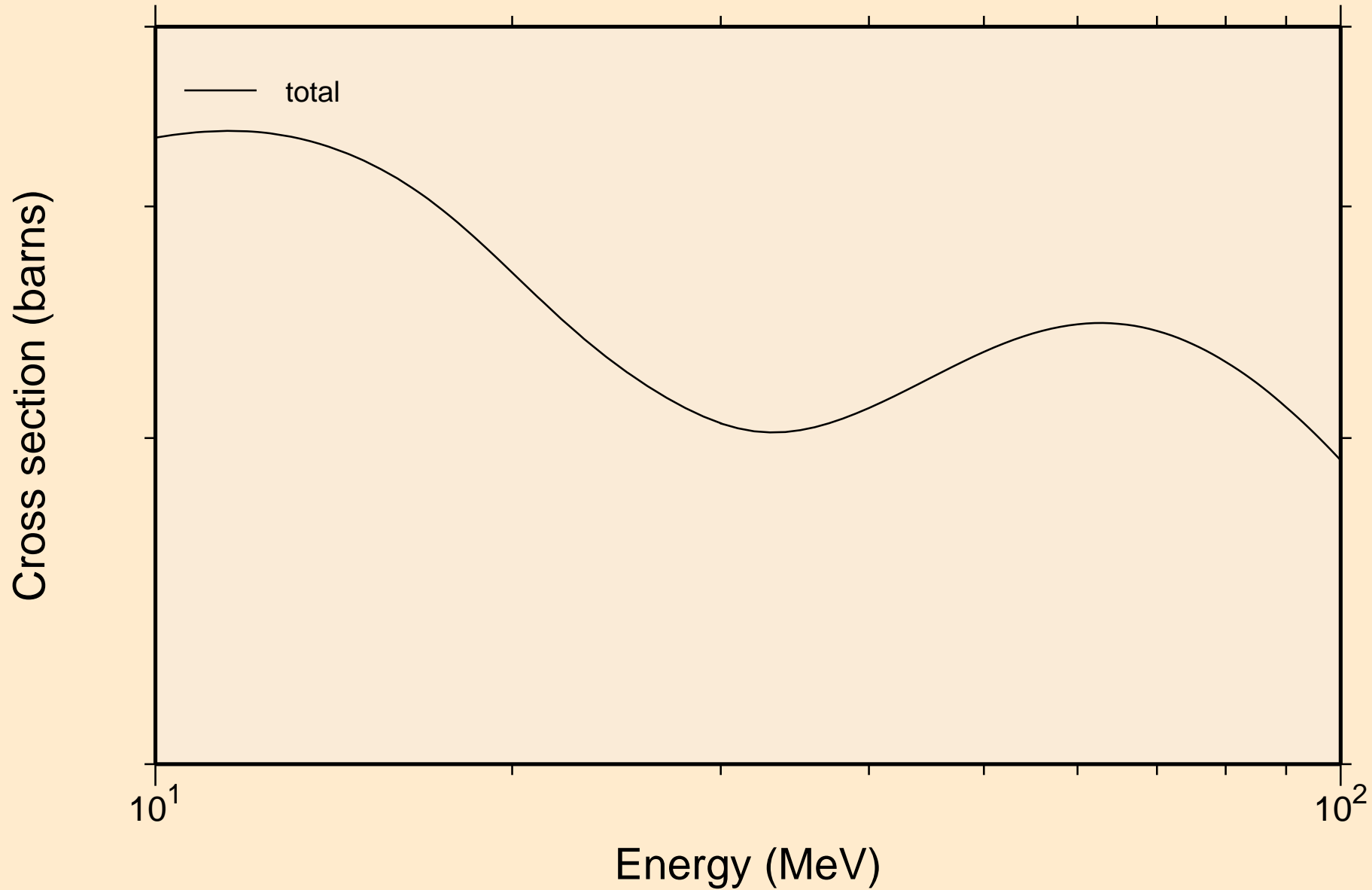
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



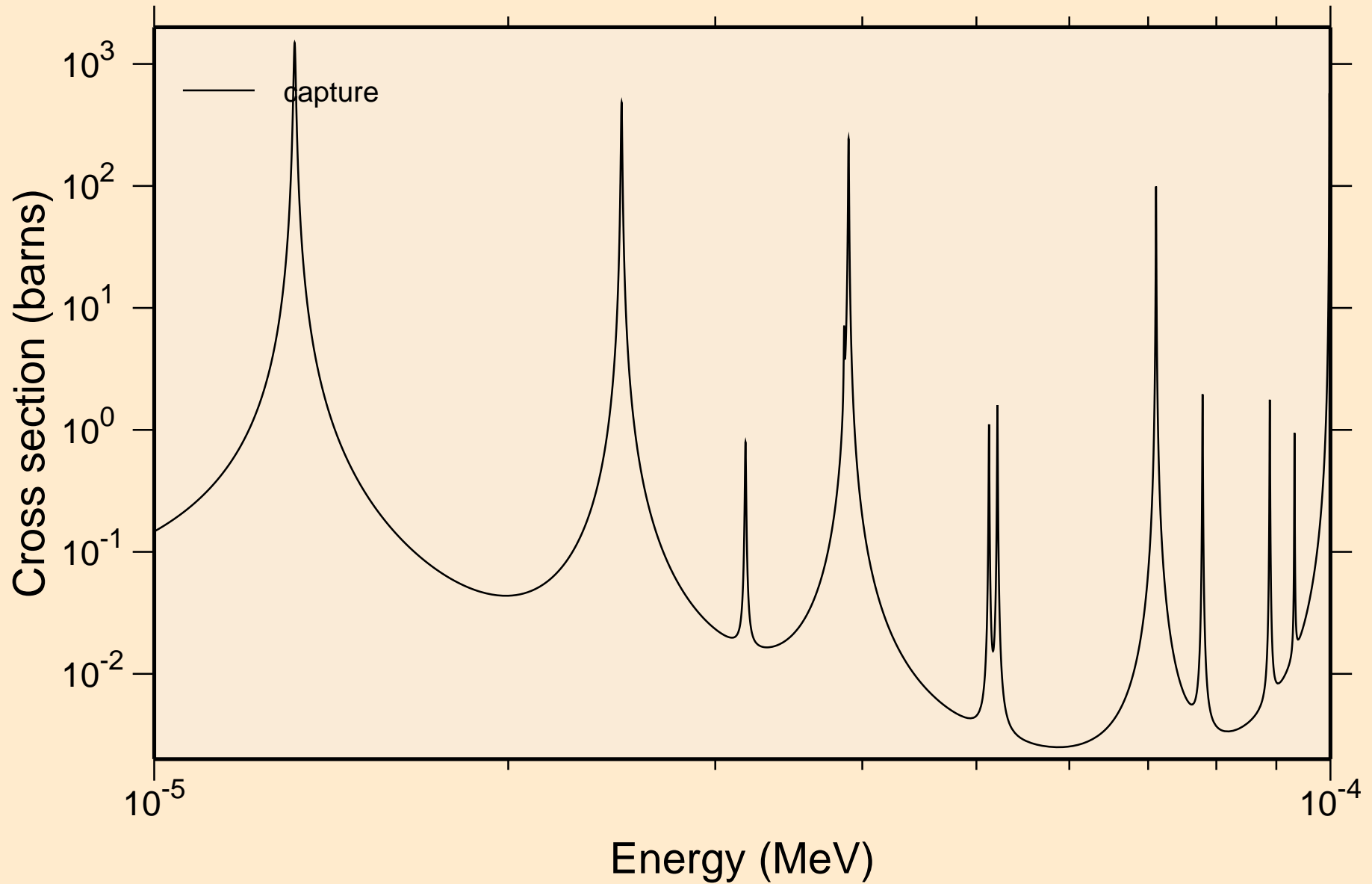
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



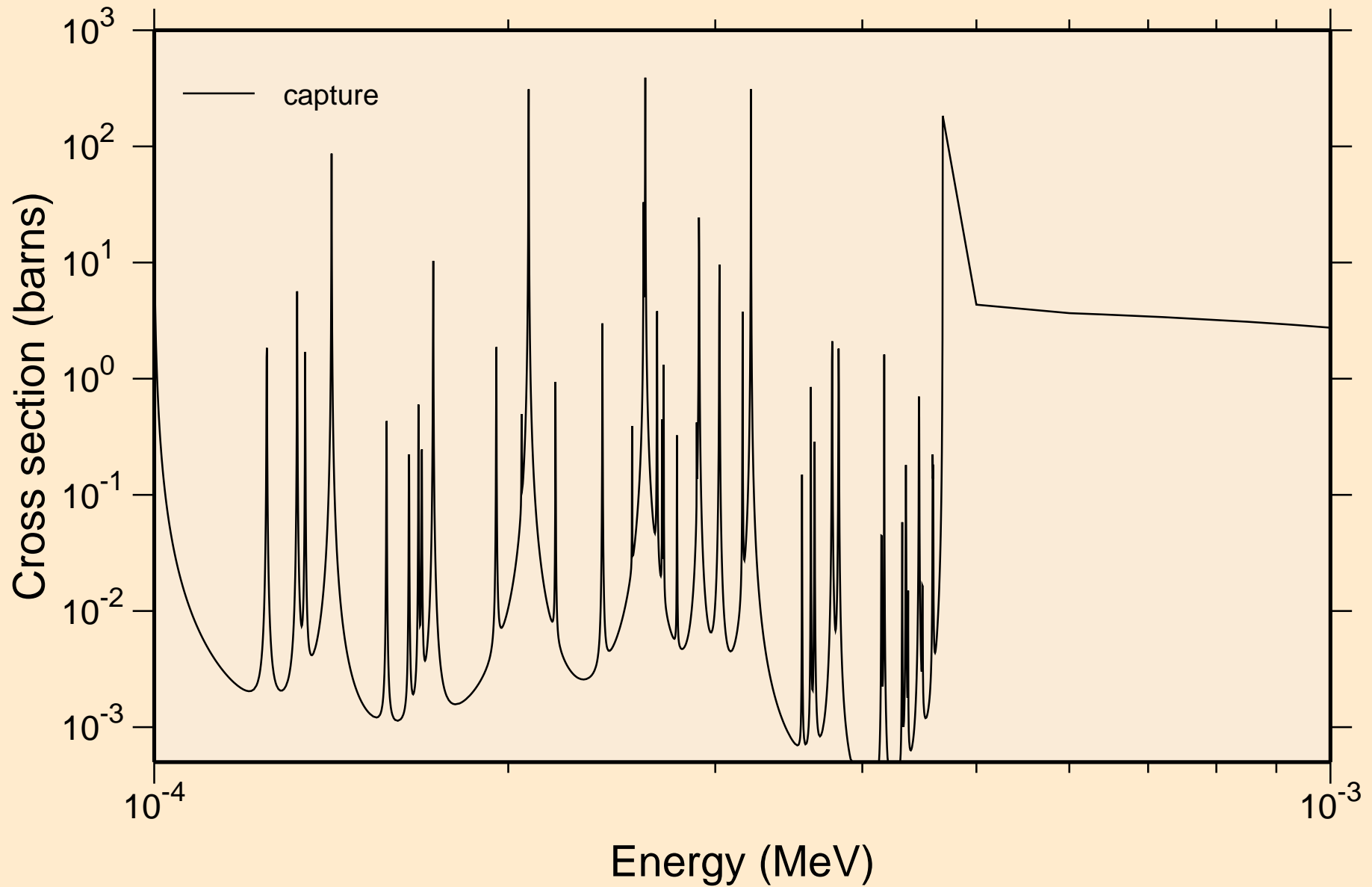
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



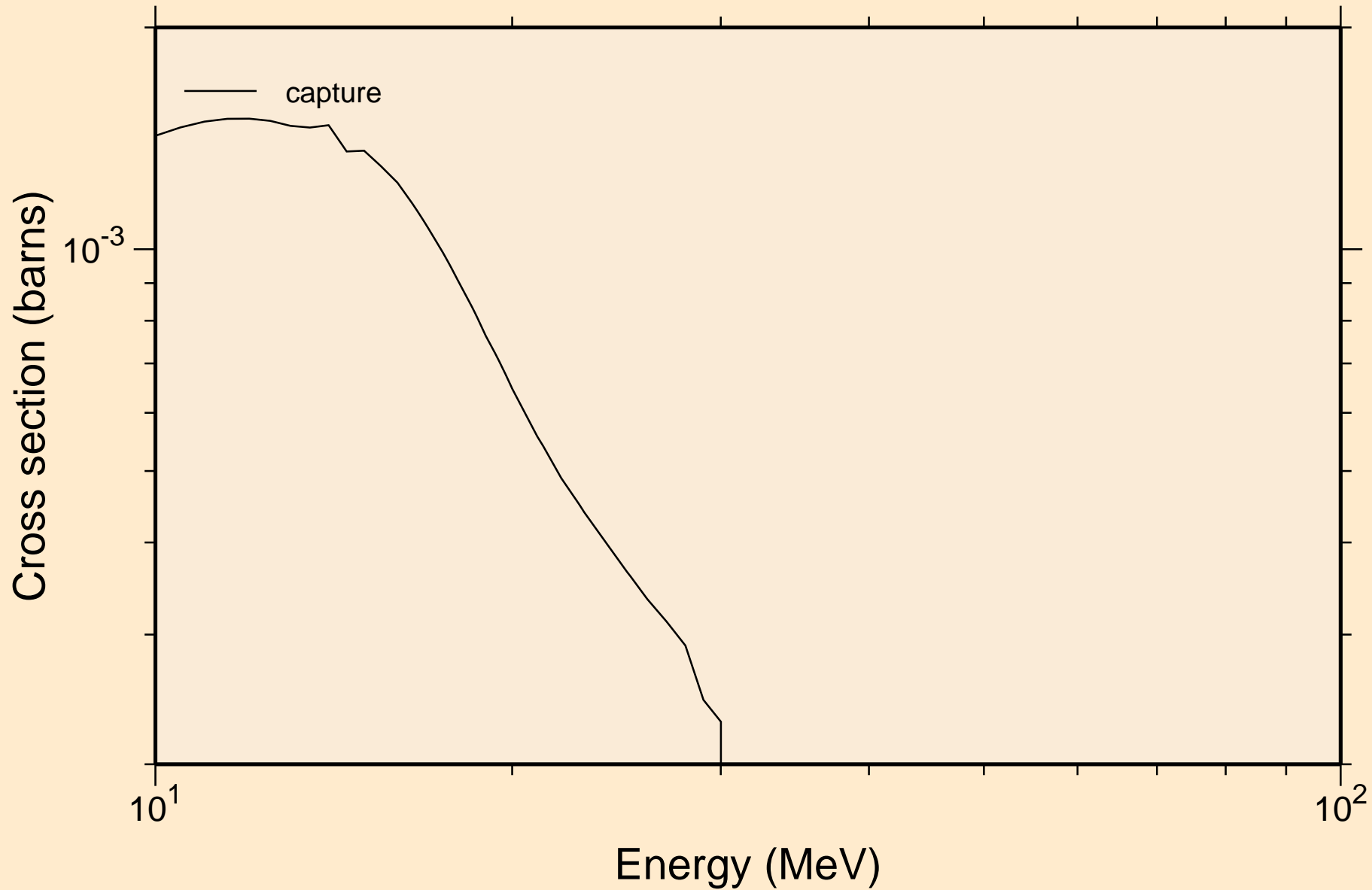
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

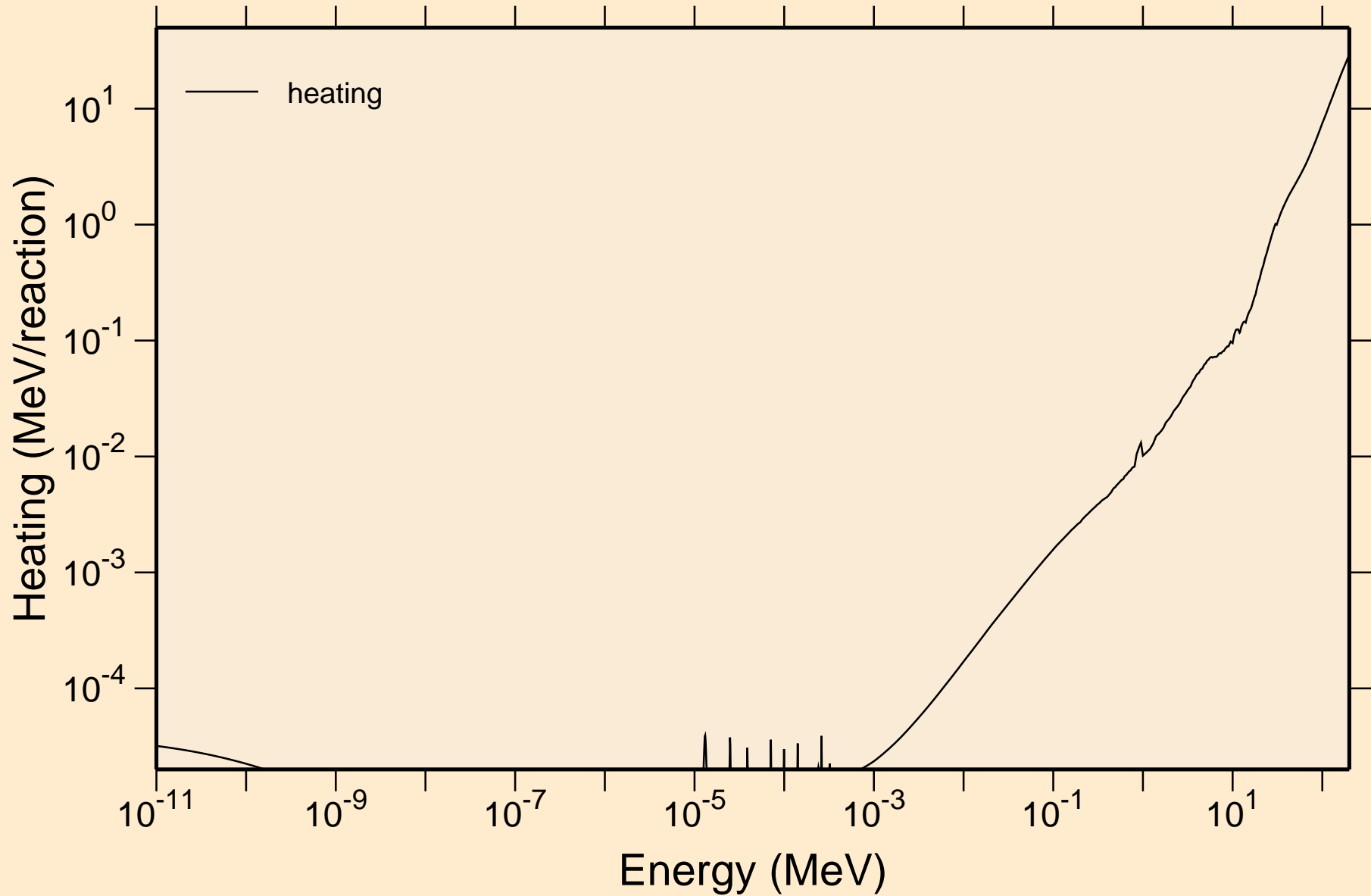


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

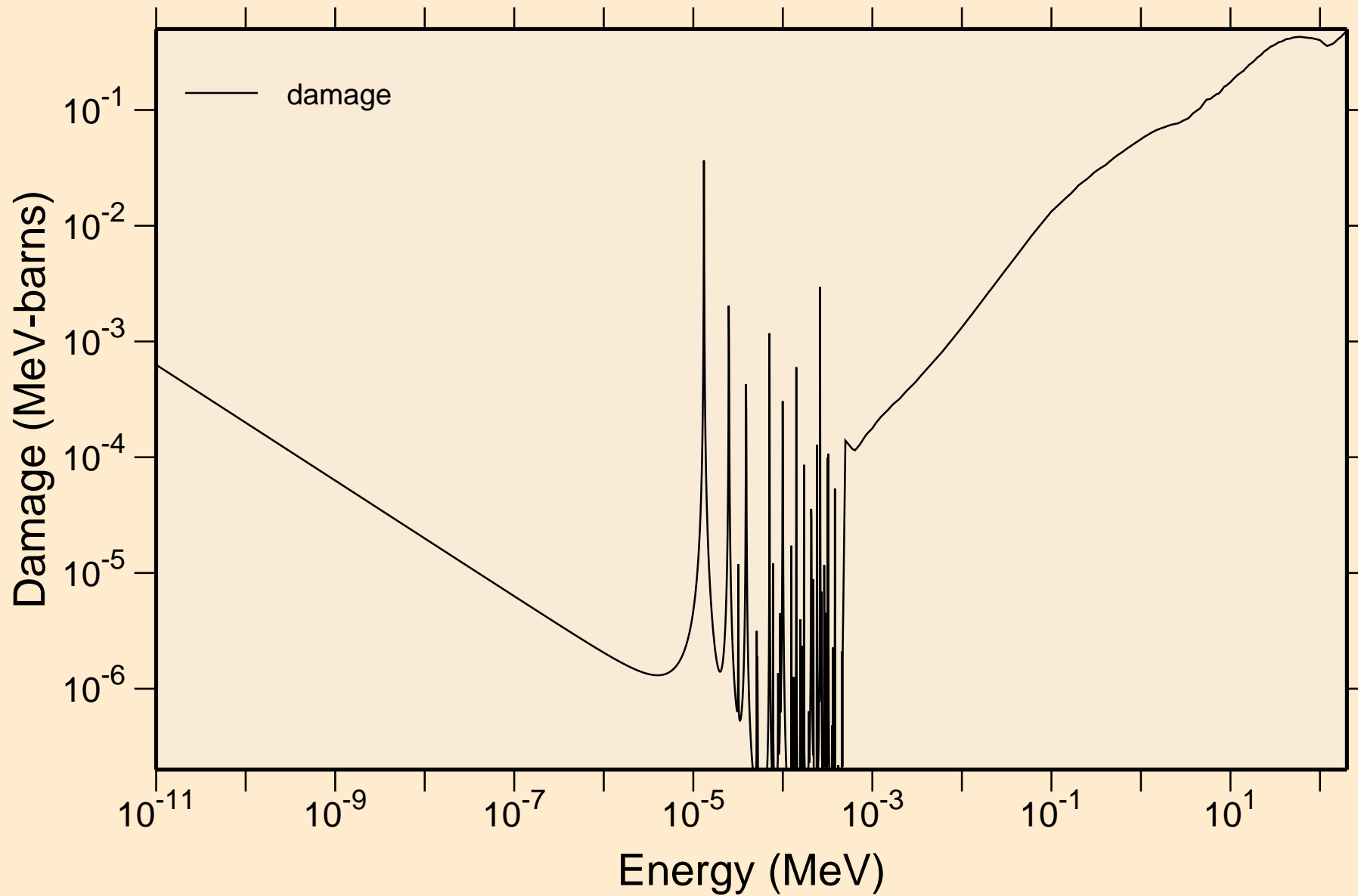
## Heating



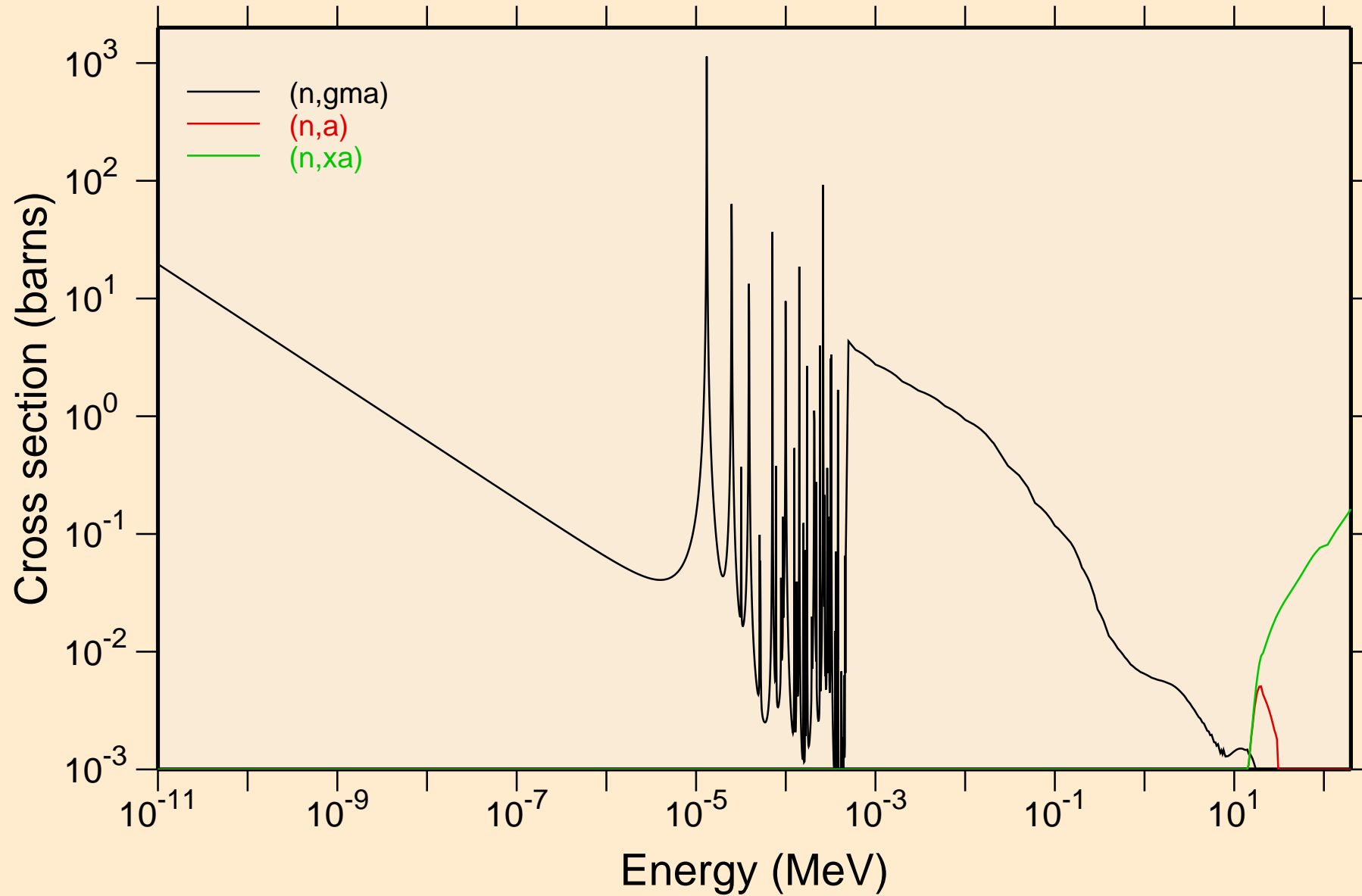


# RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

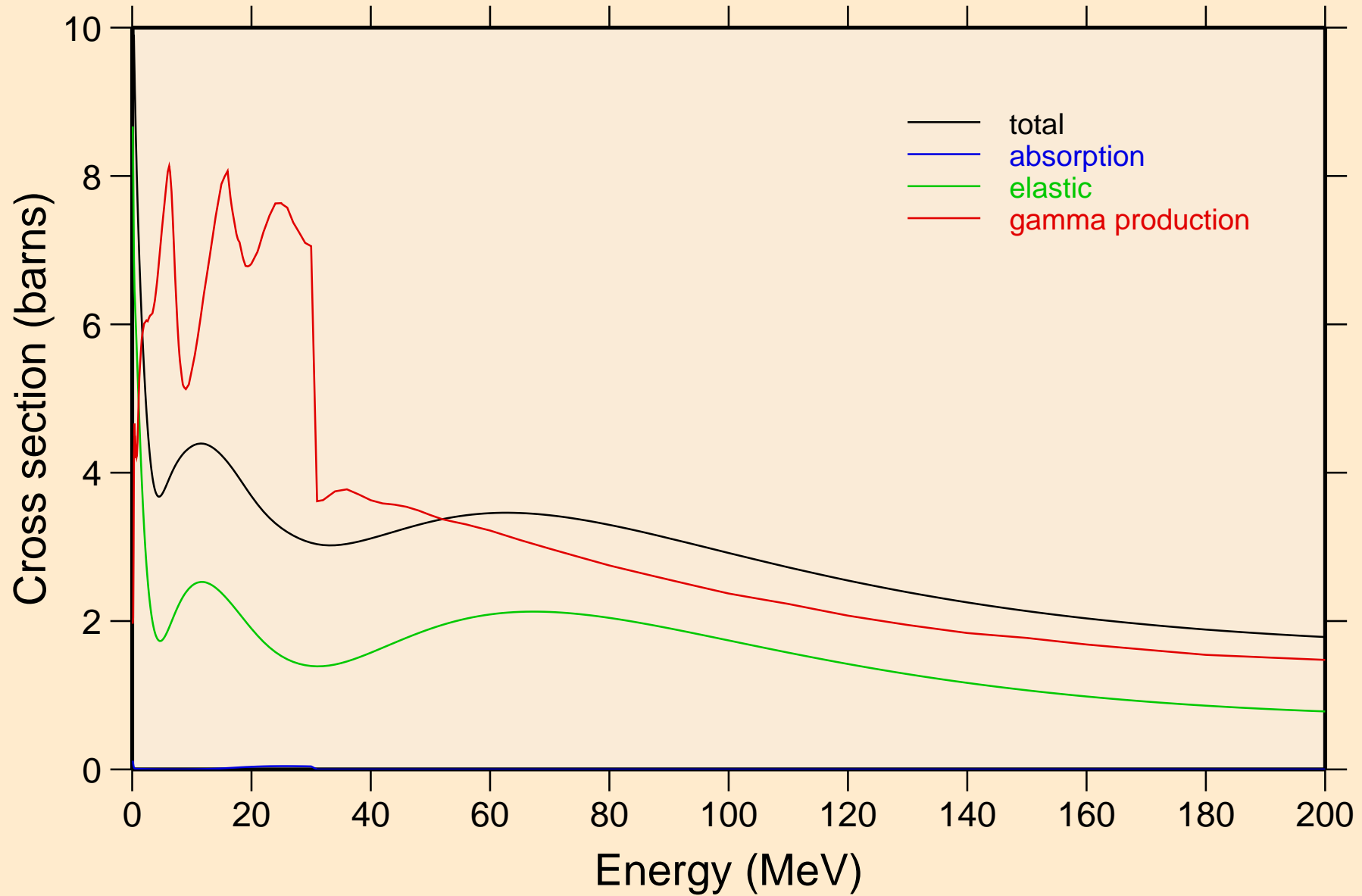


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



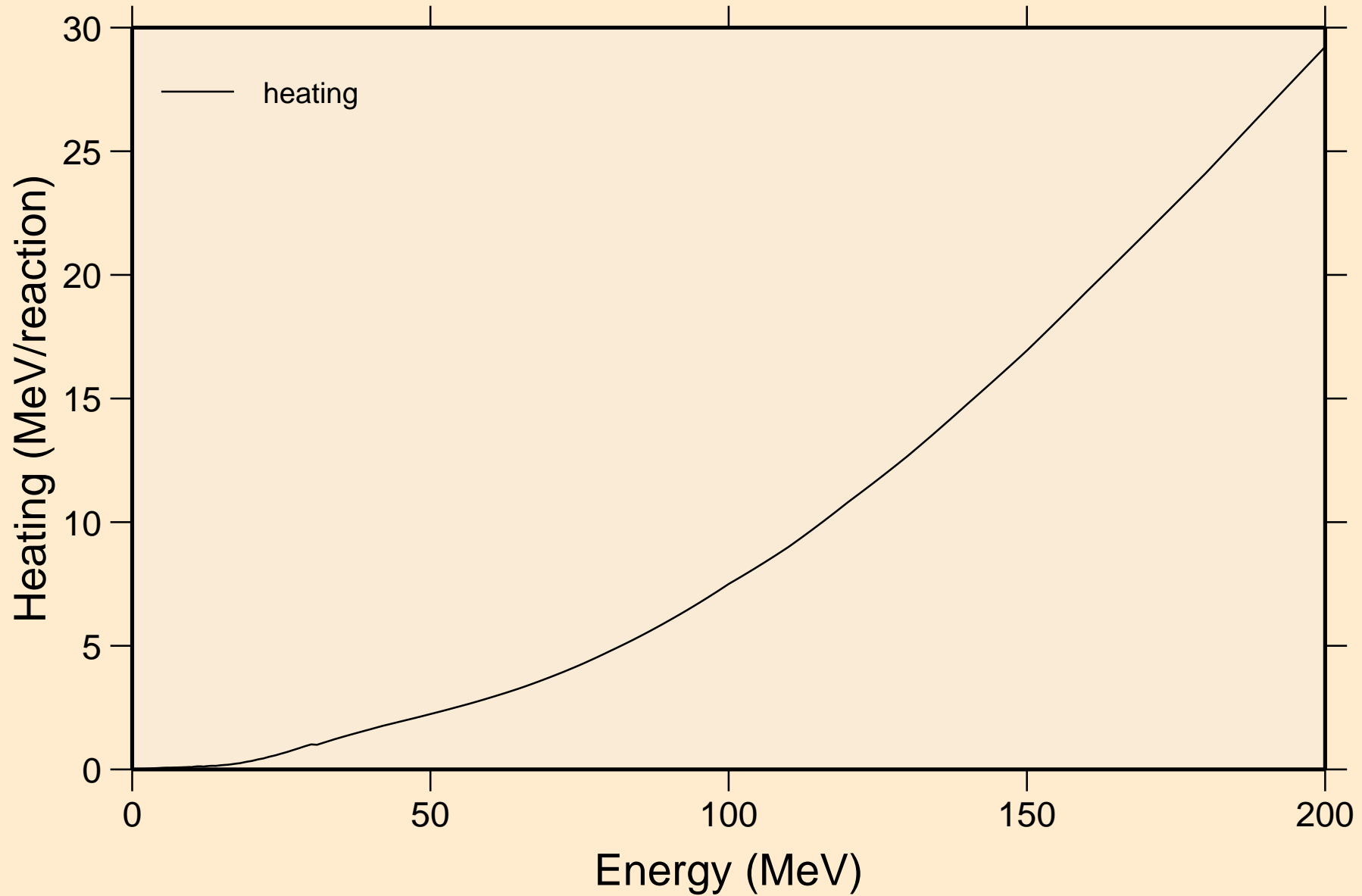
# RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

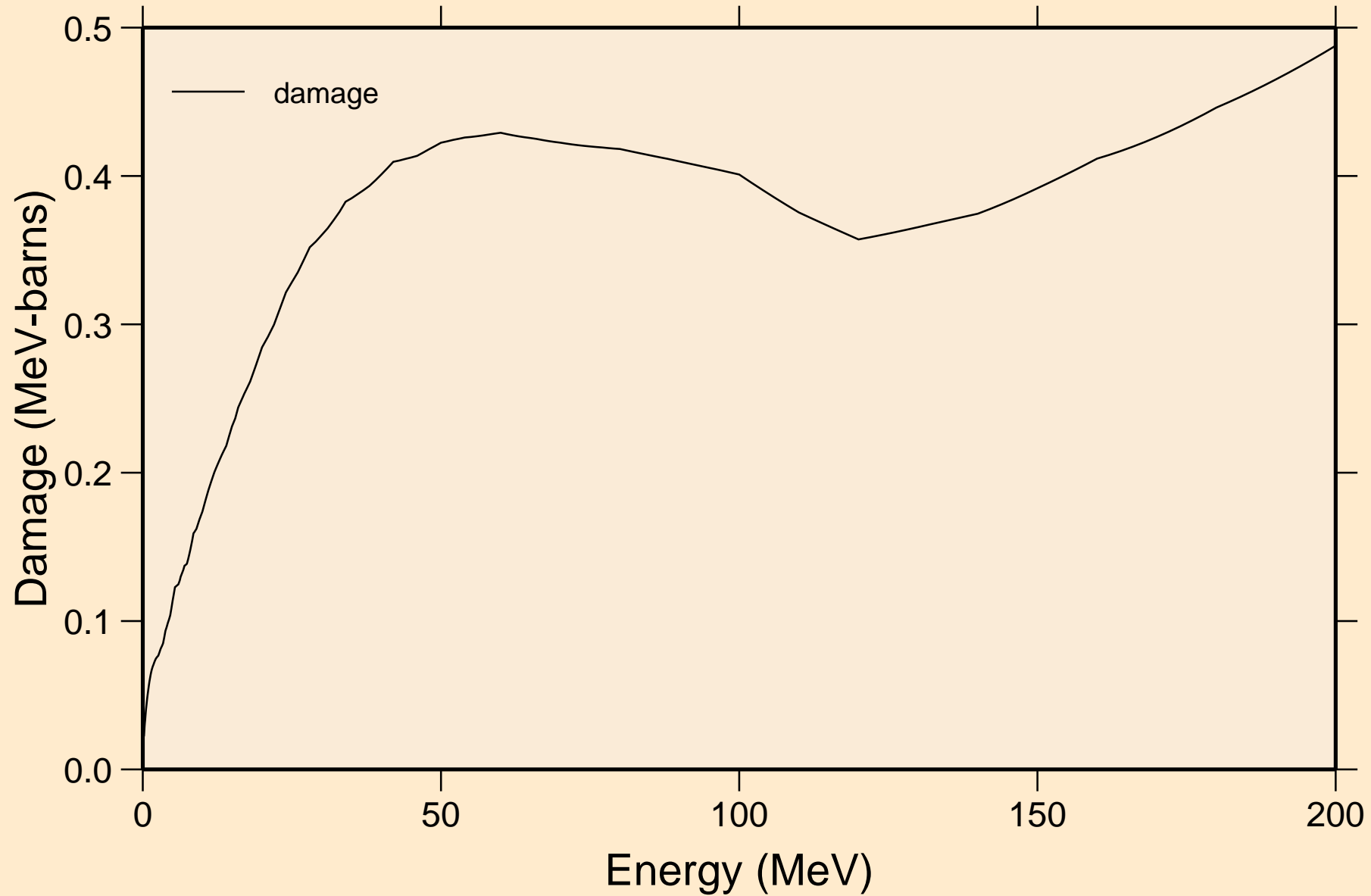


# RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

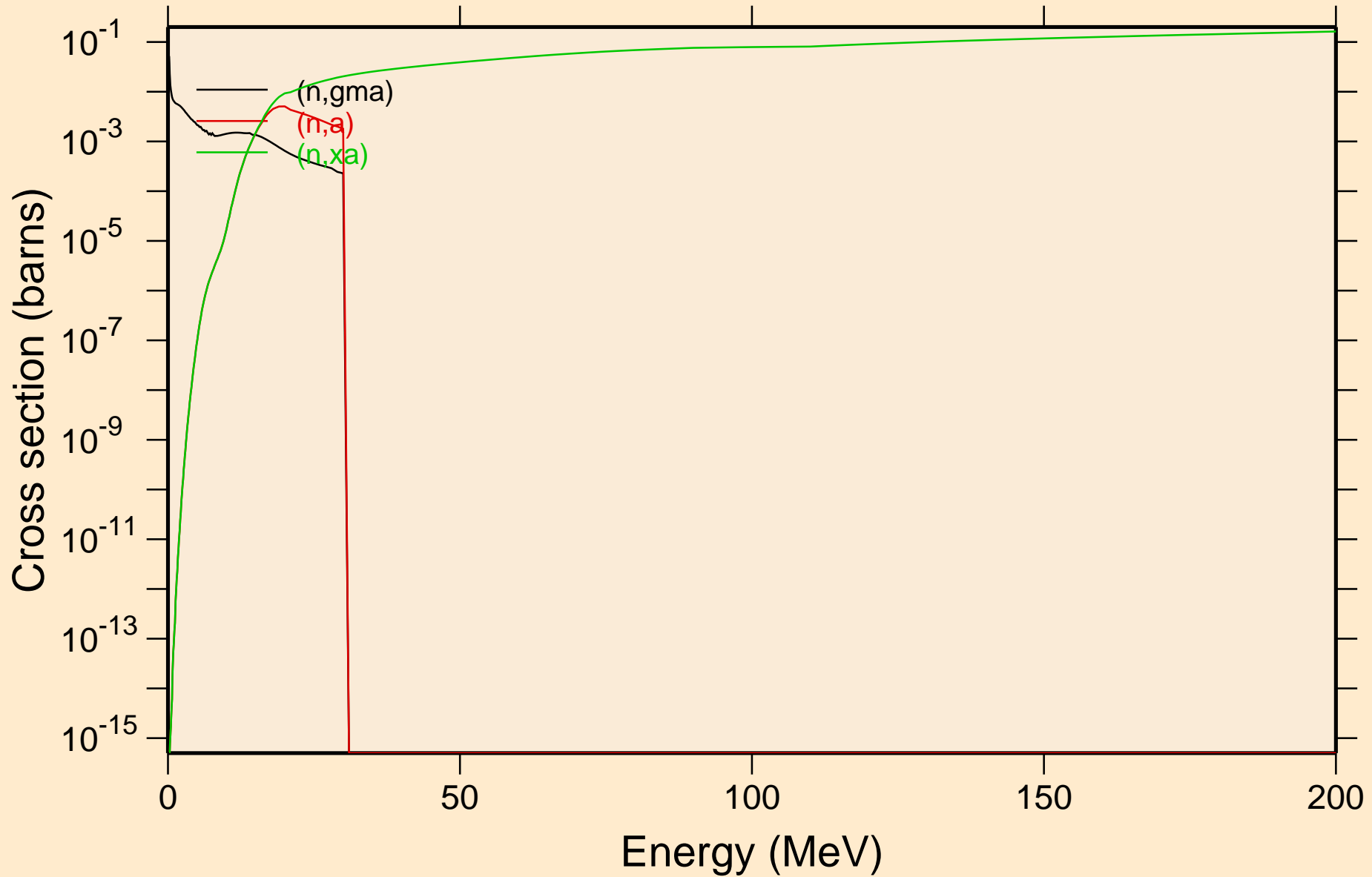
## Heating



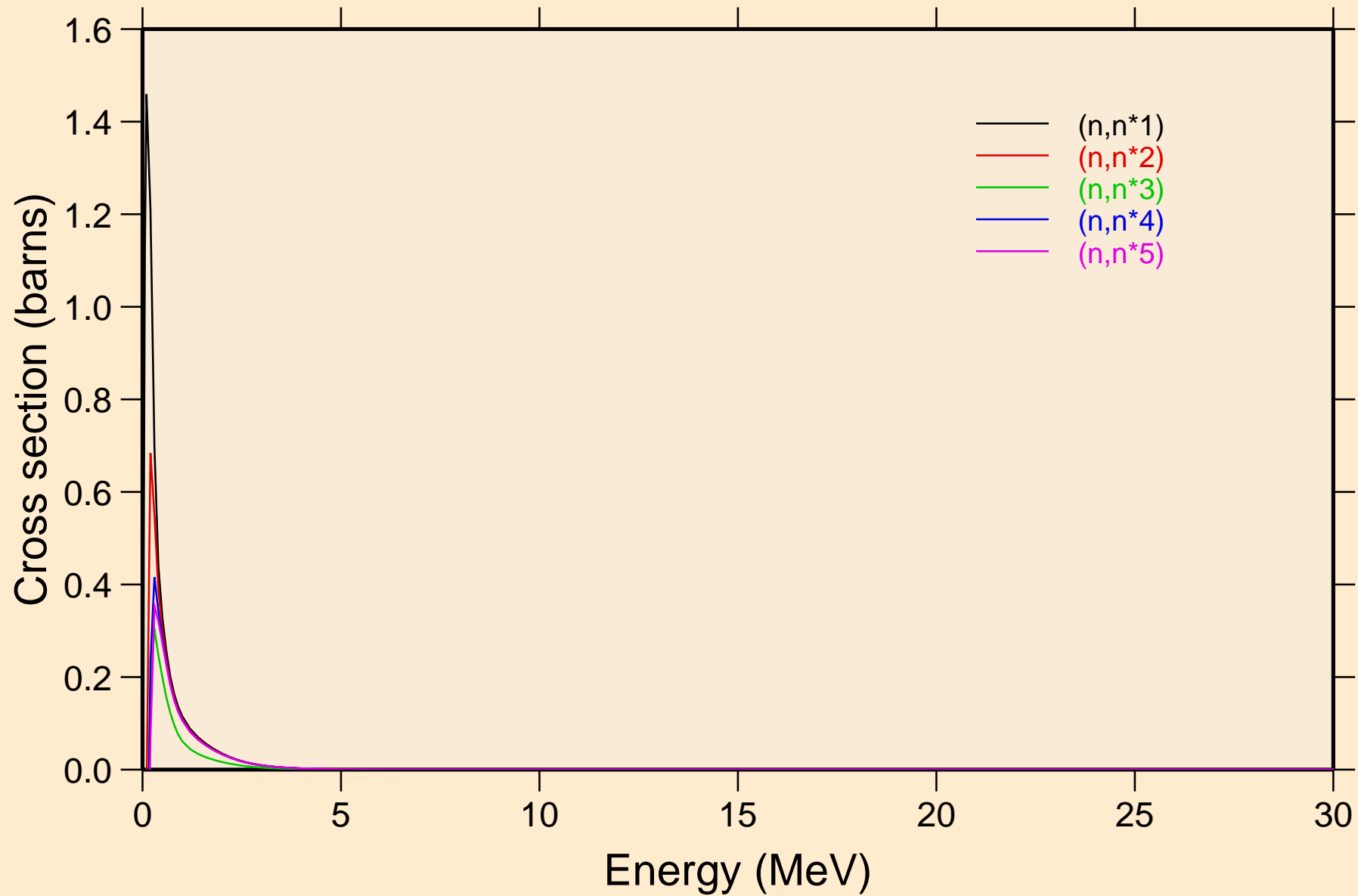
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



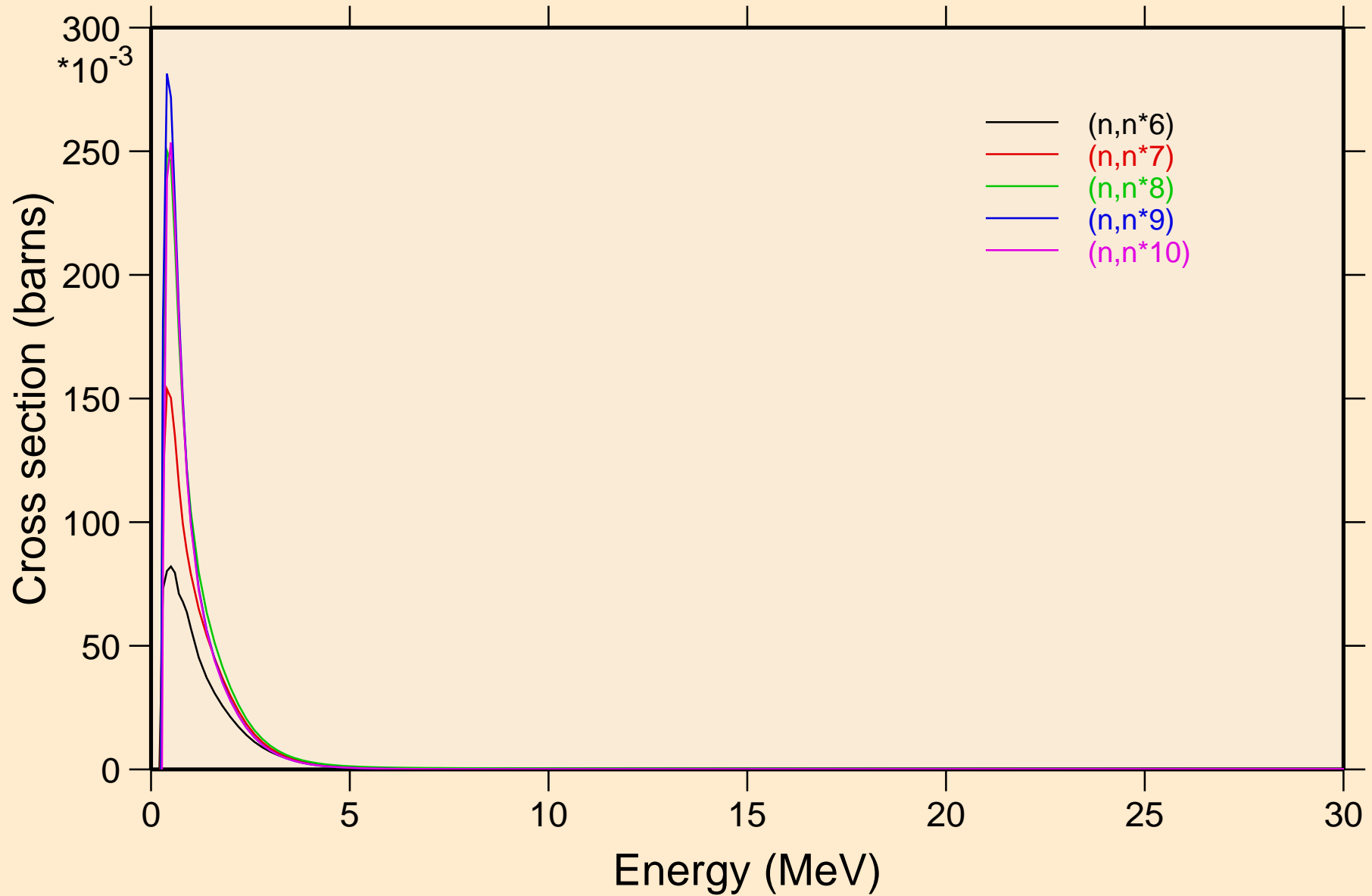
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

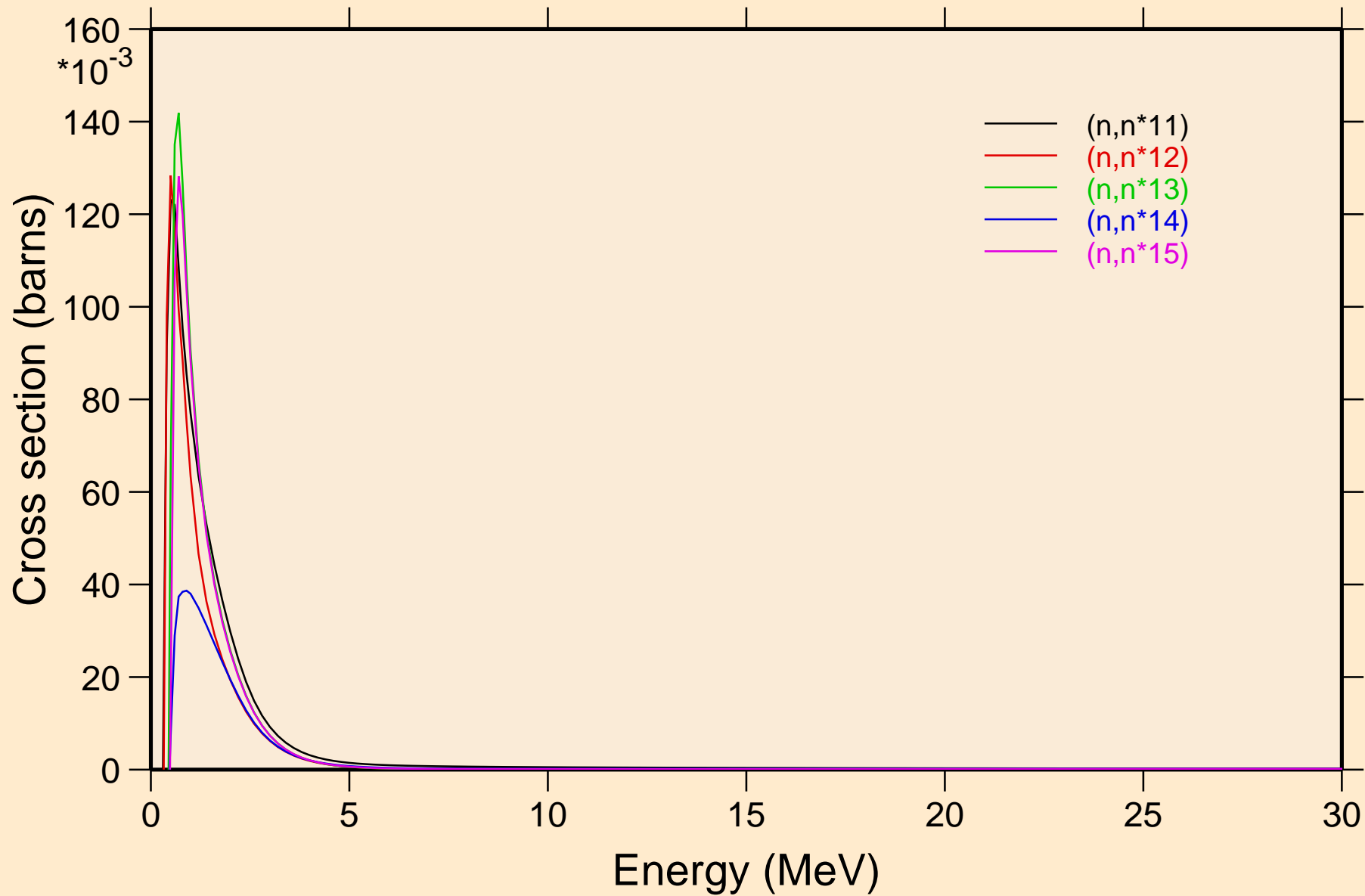


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

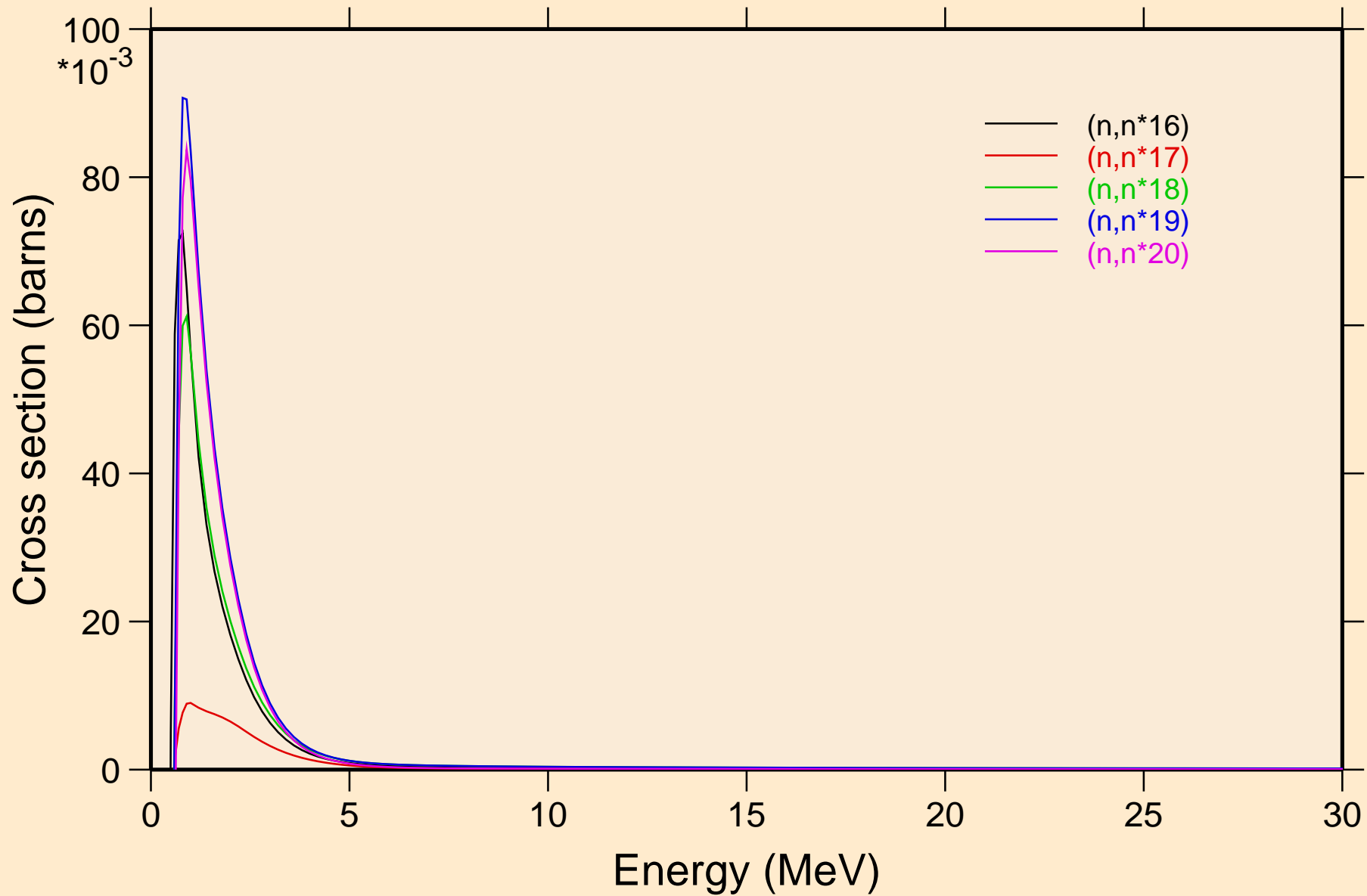




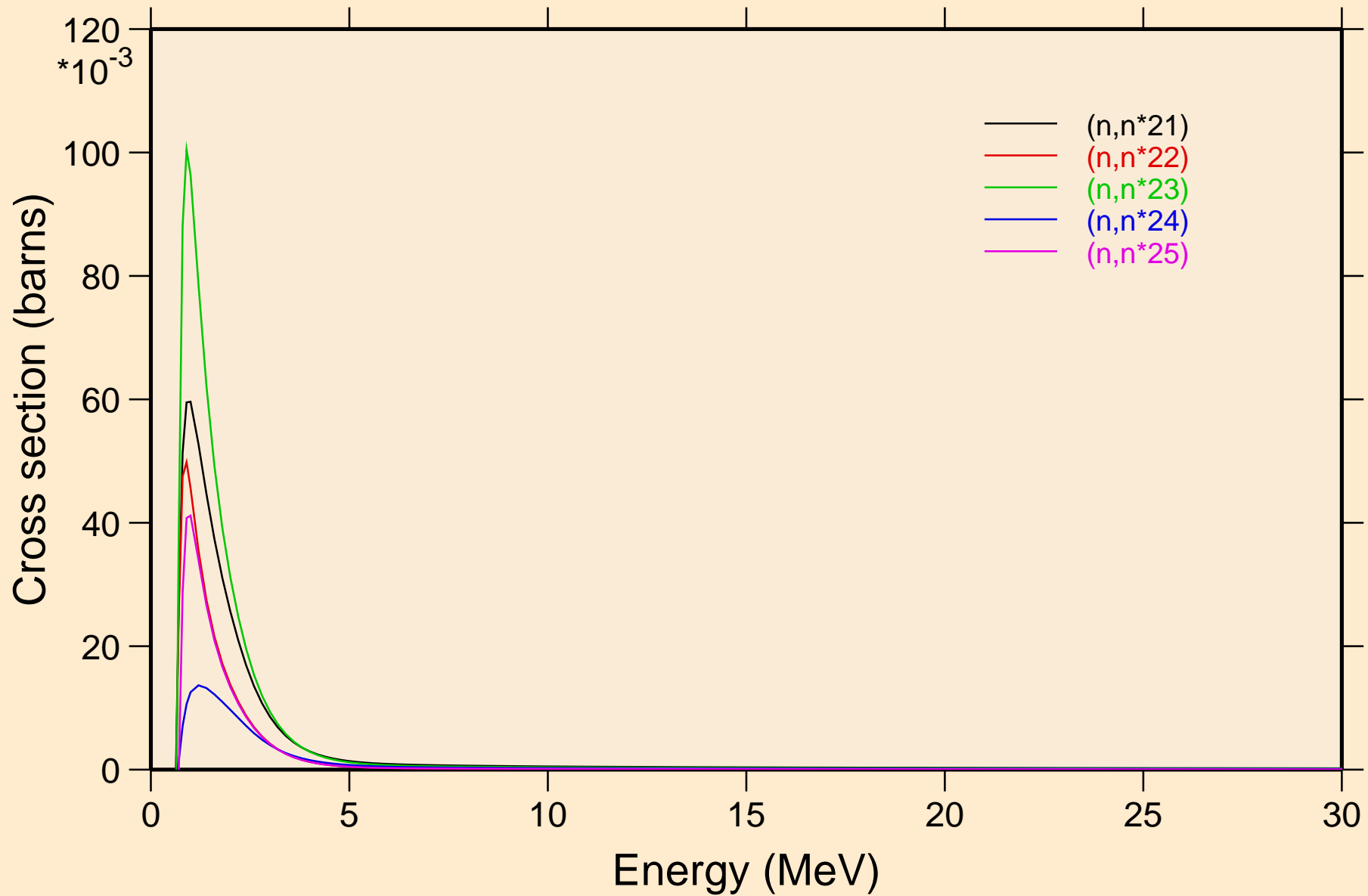
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



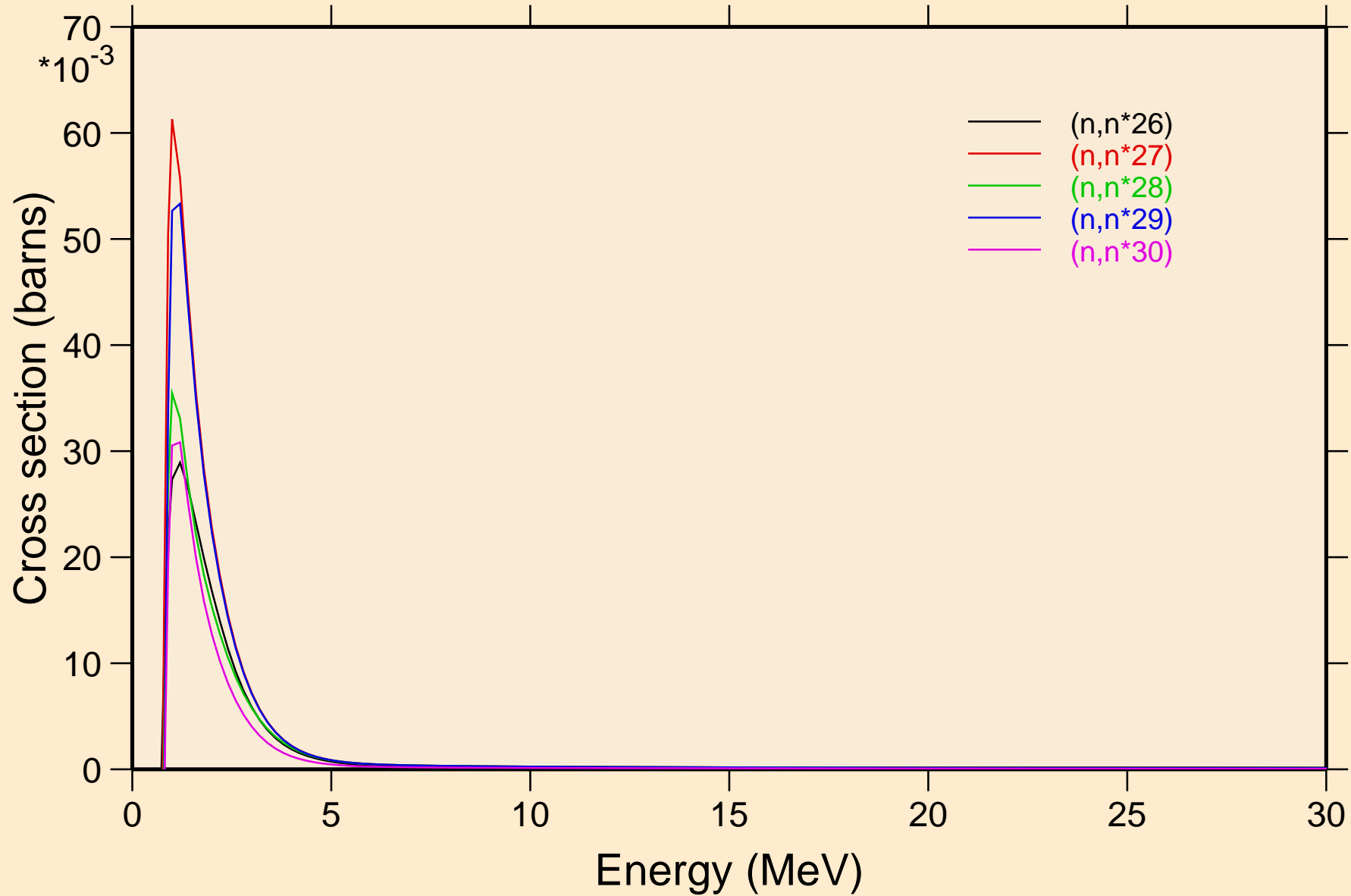
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



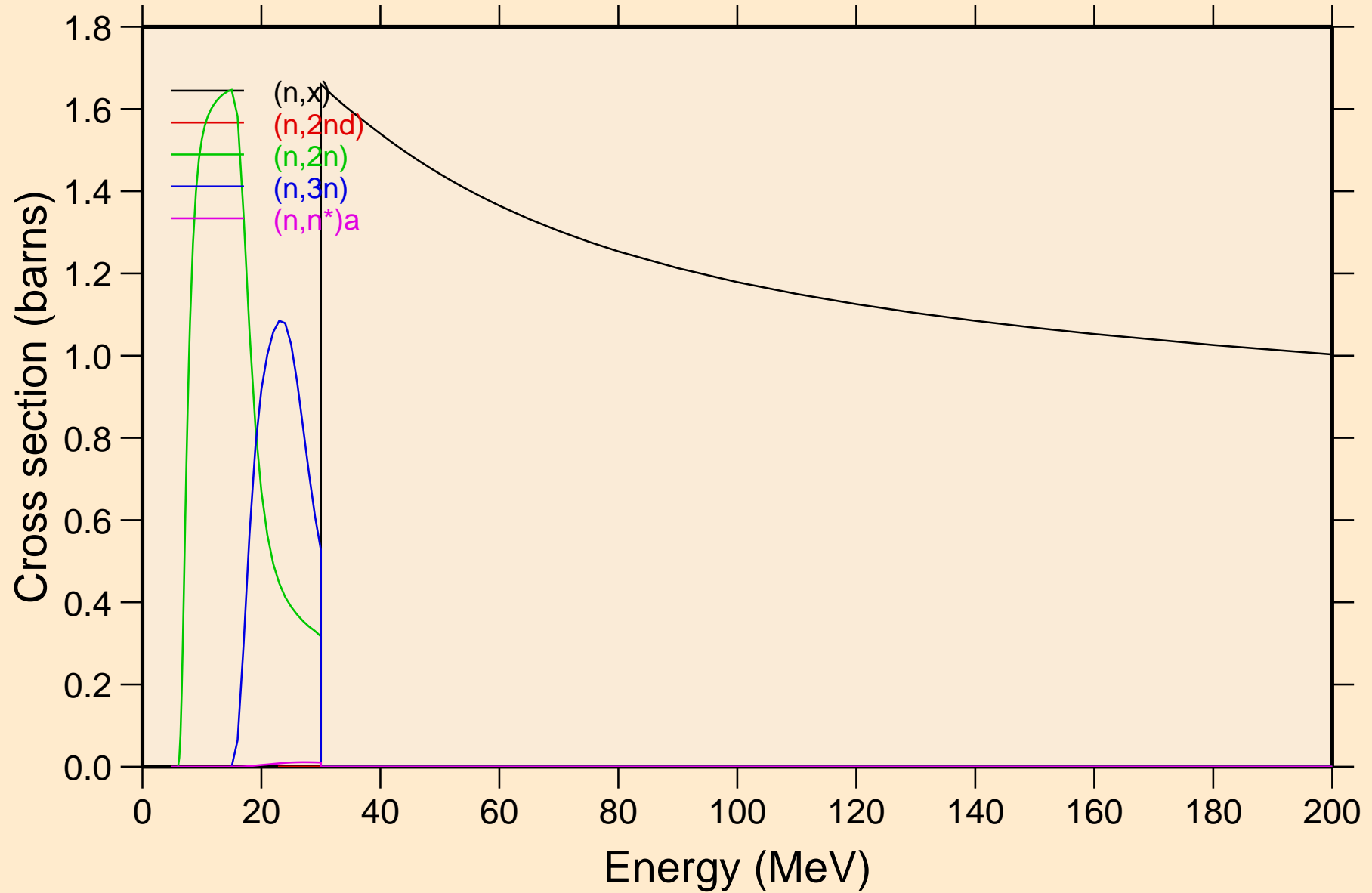
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



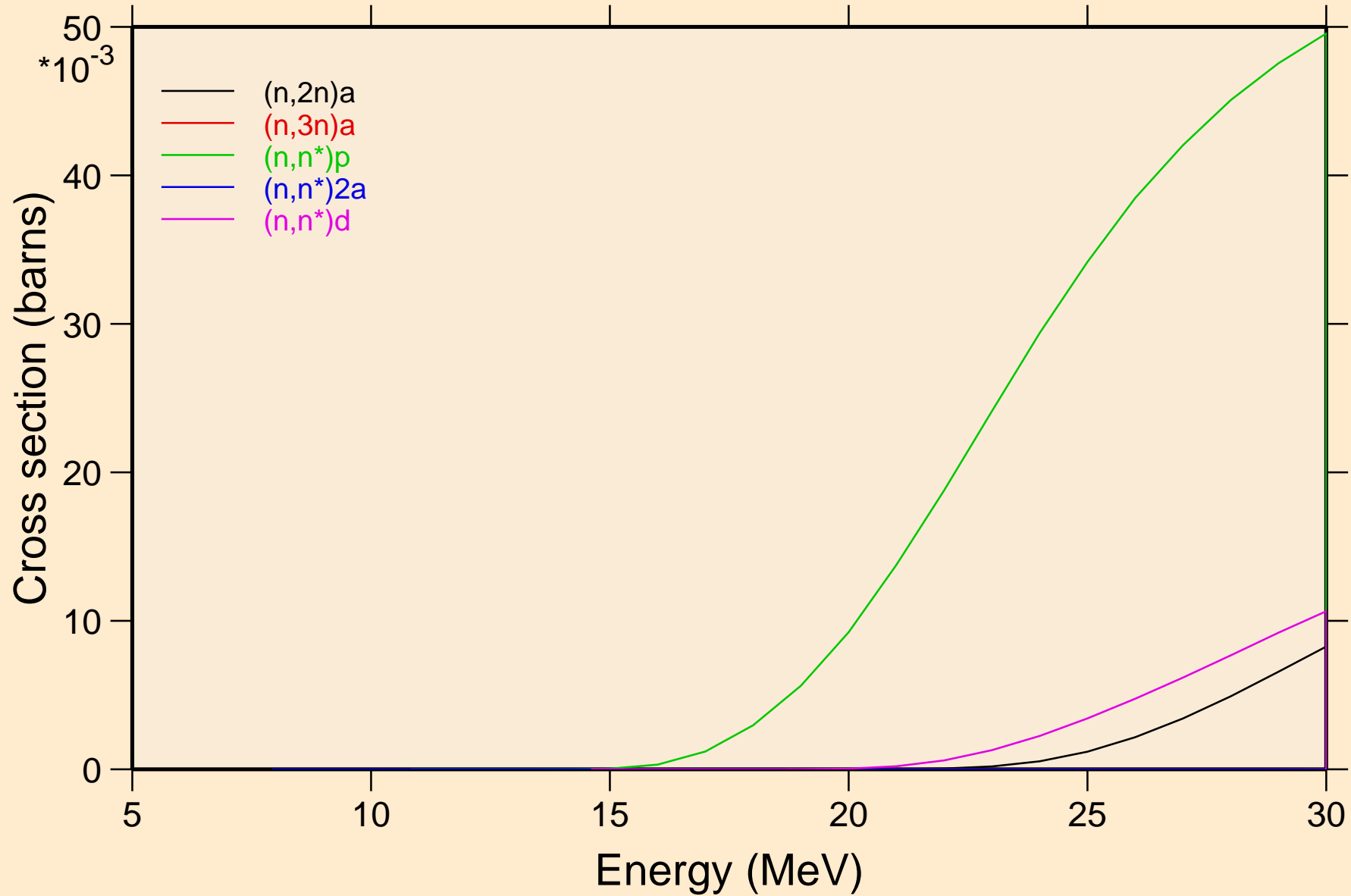
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



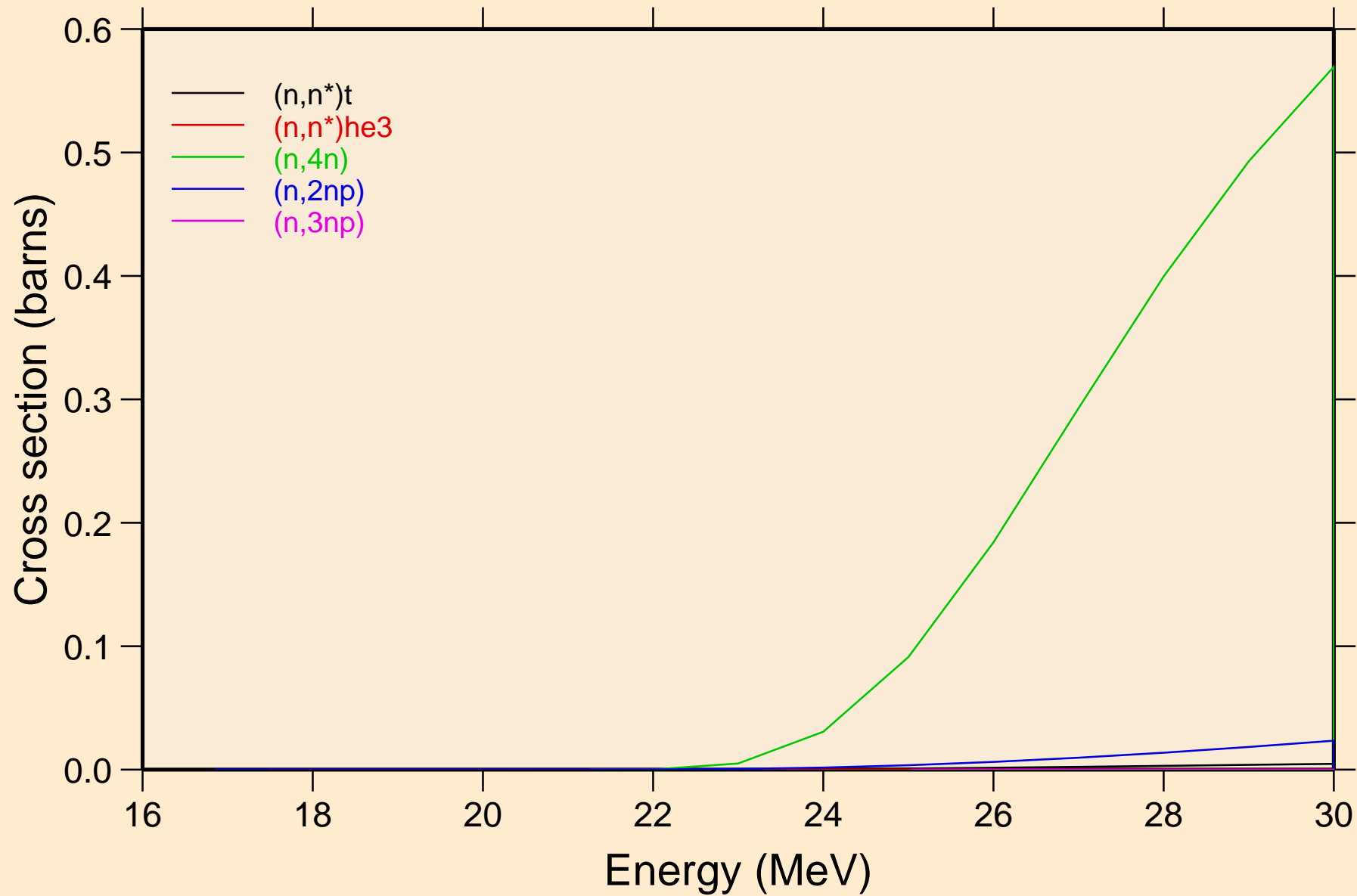
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



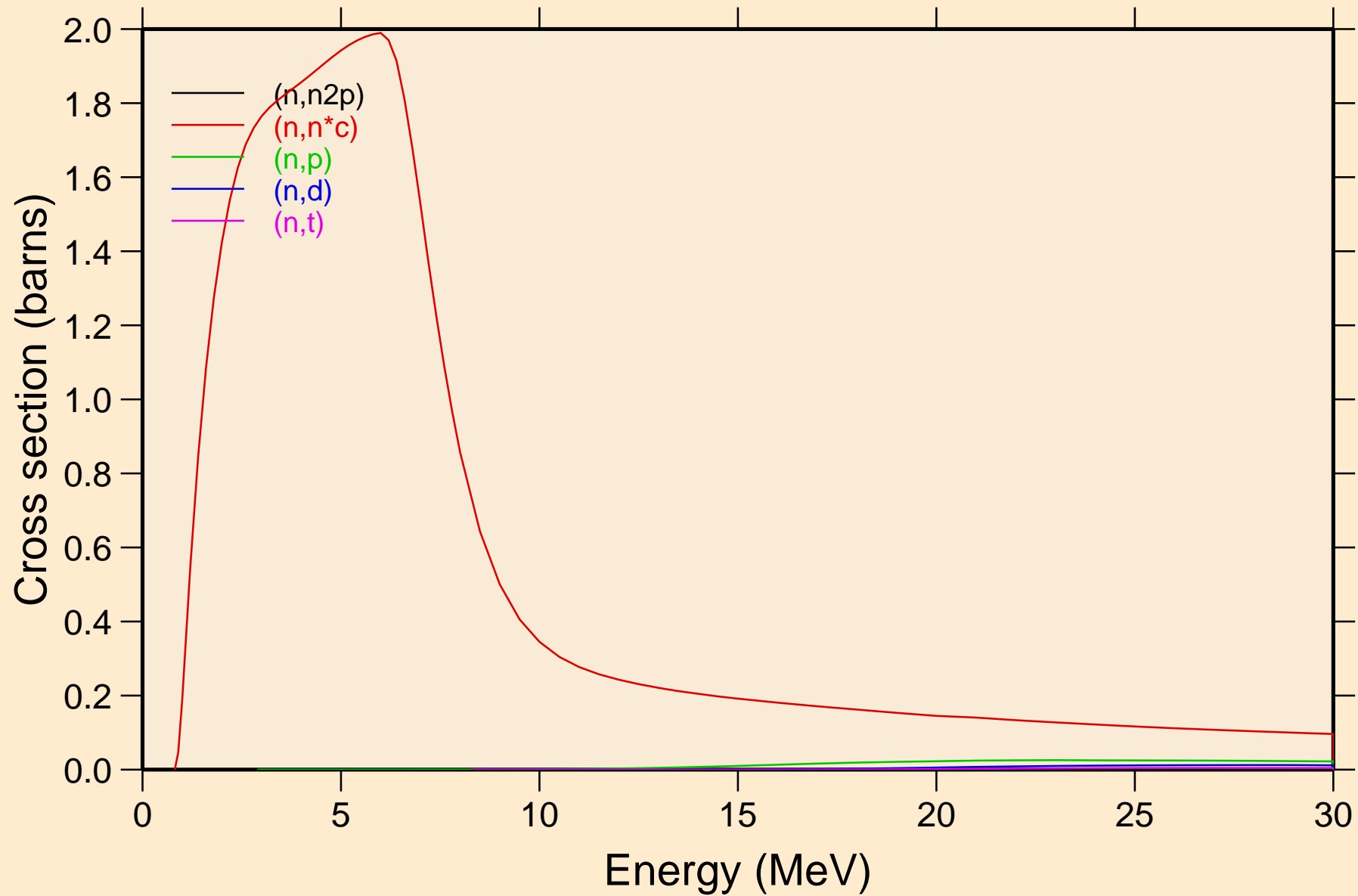
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

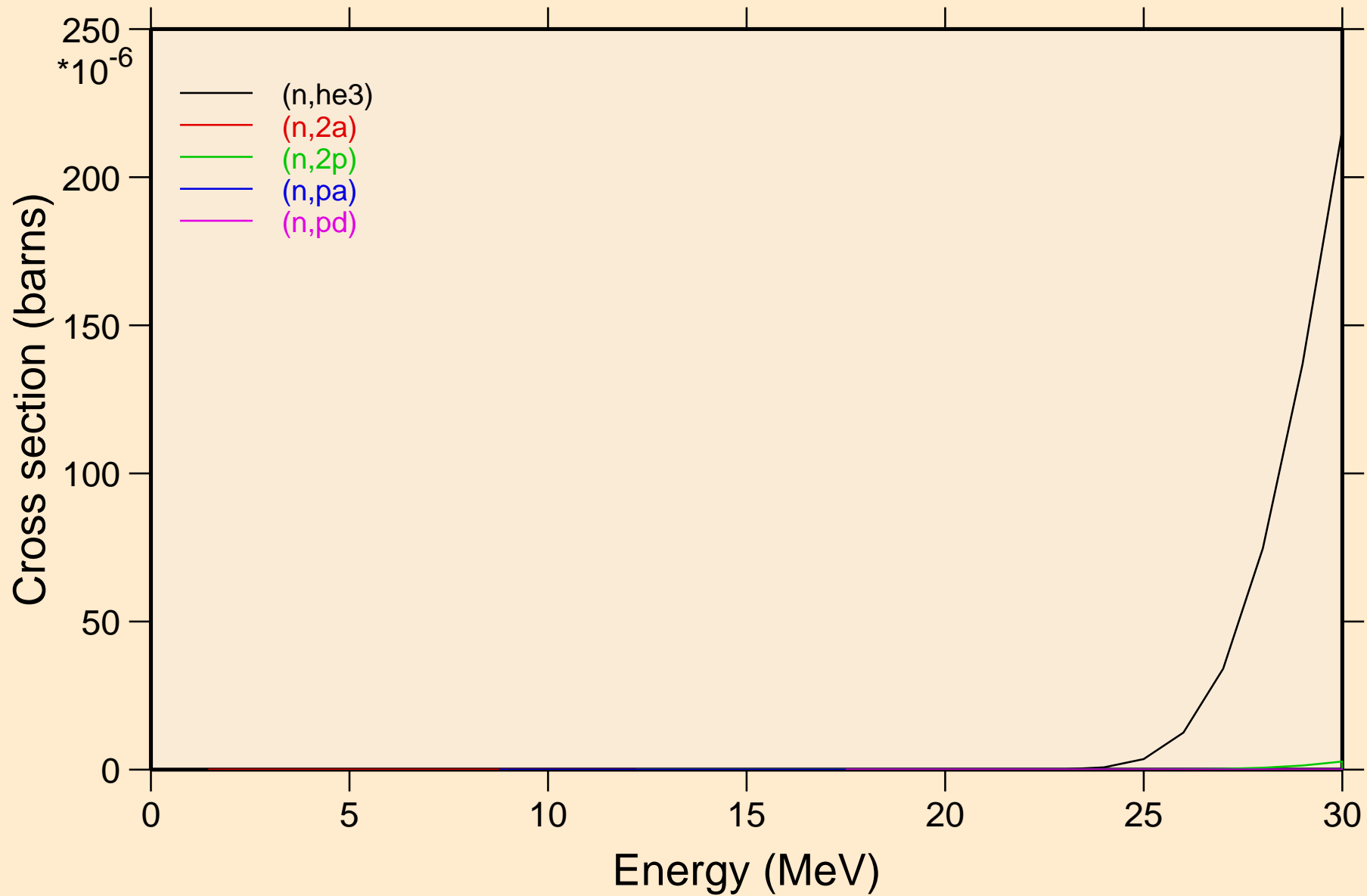


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

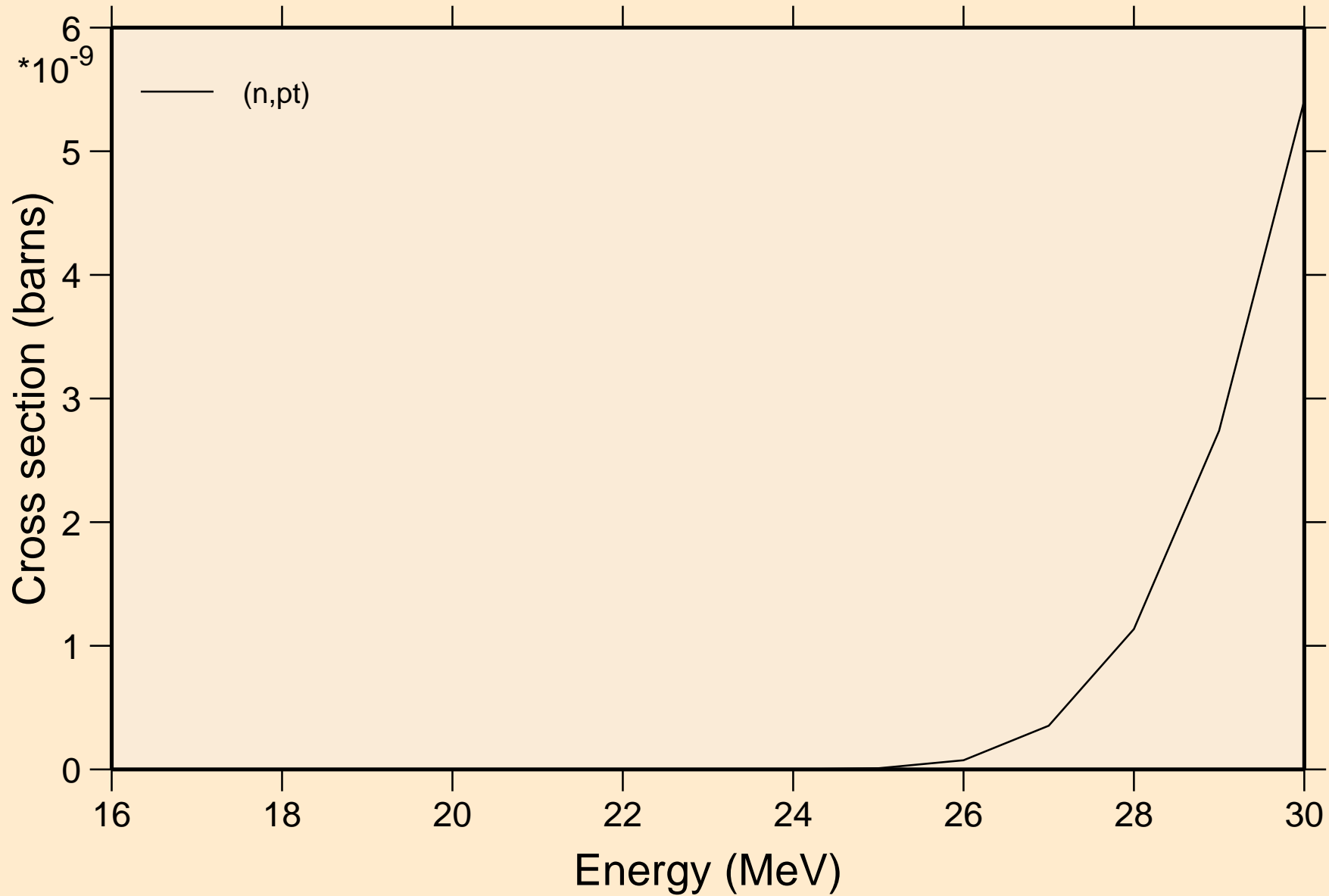




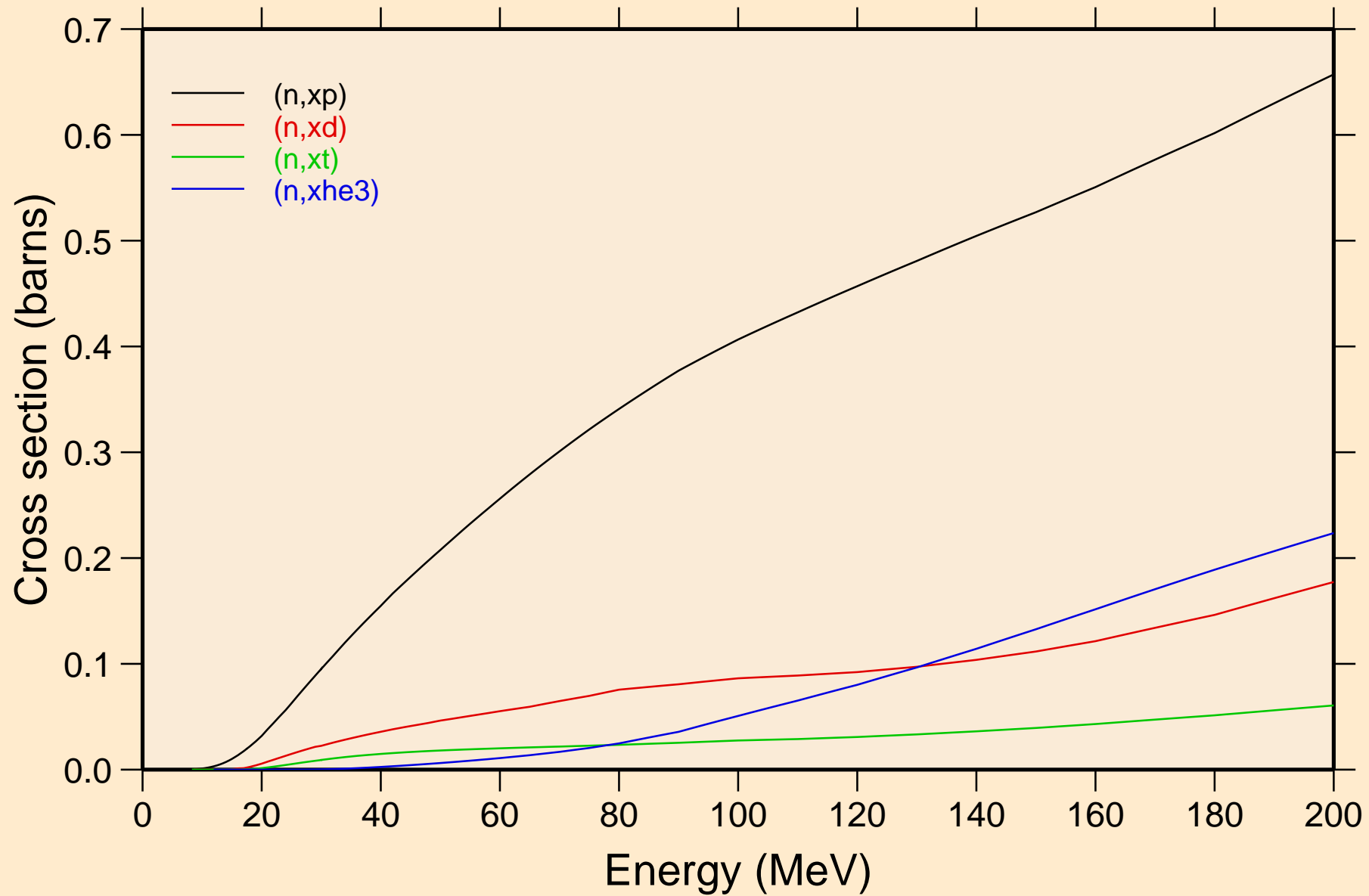
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



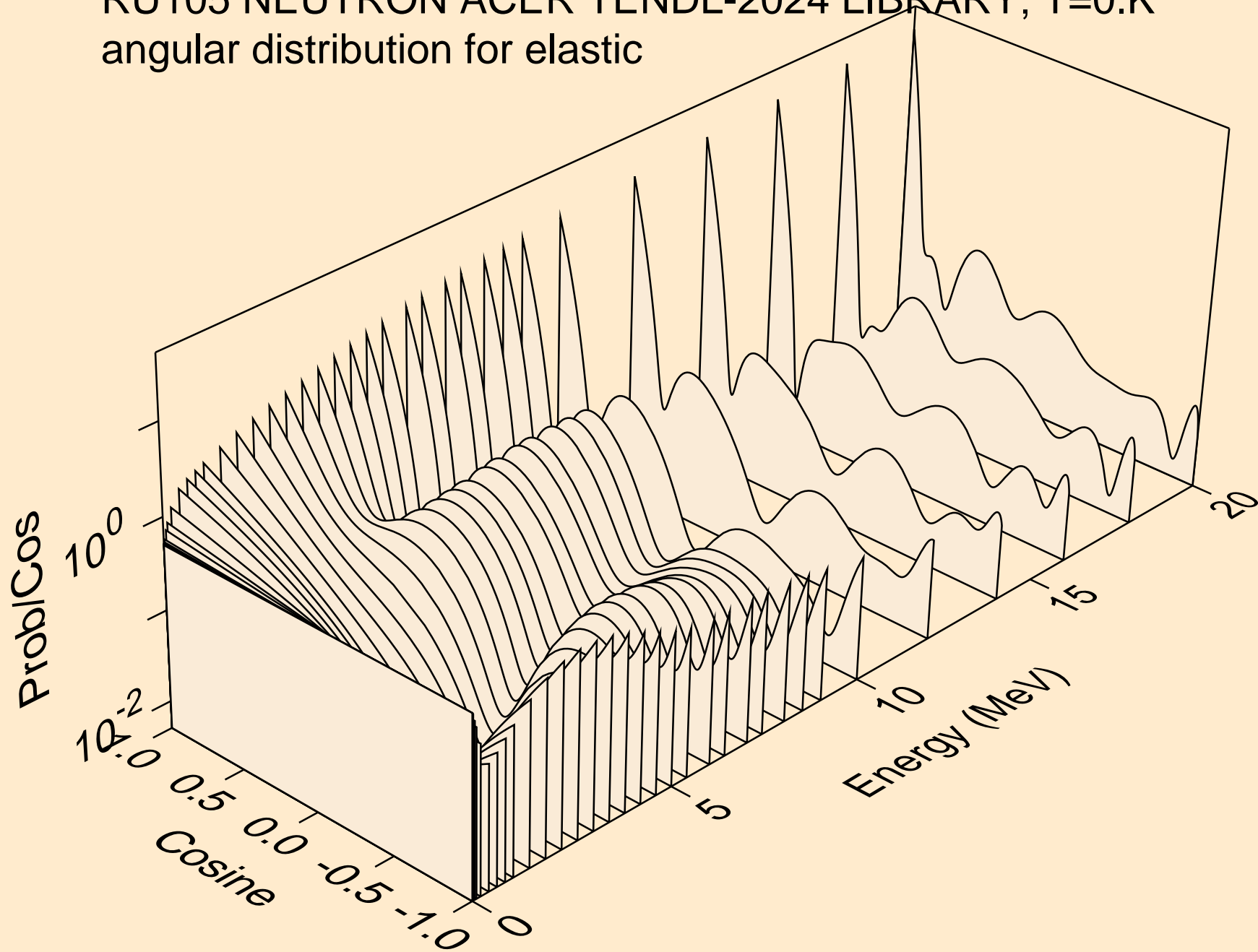
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



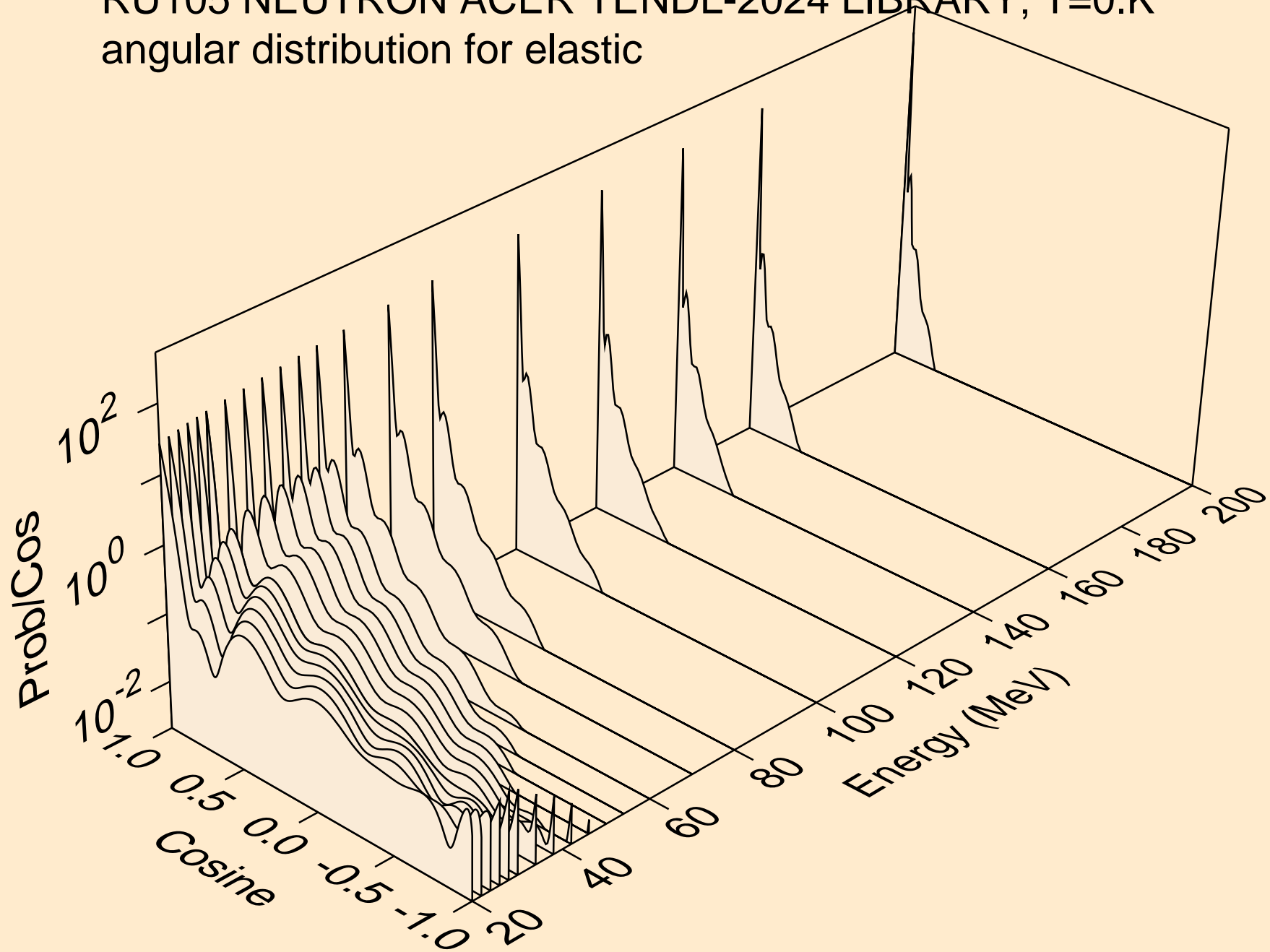
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



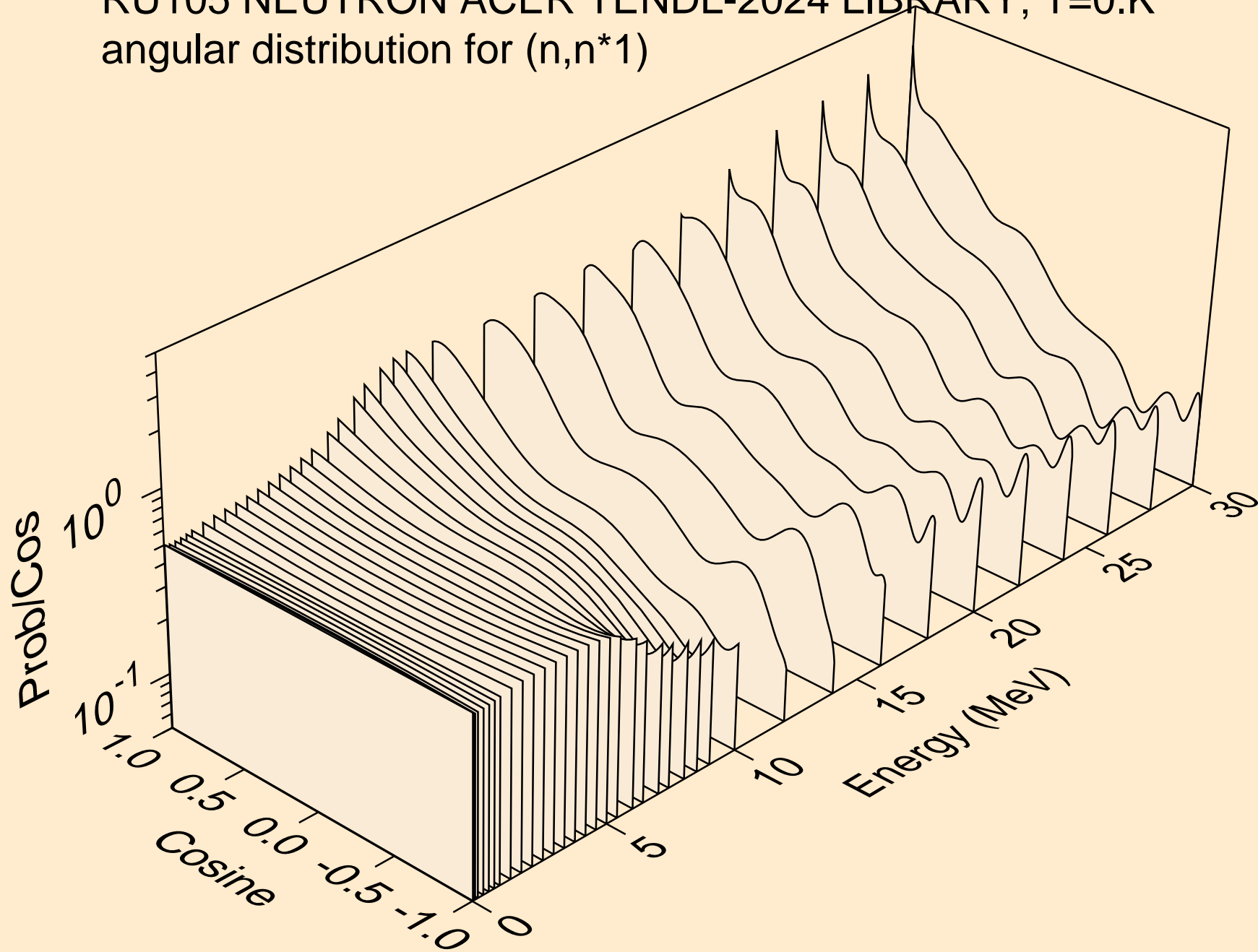
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



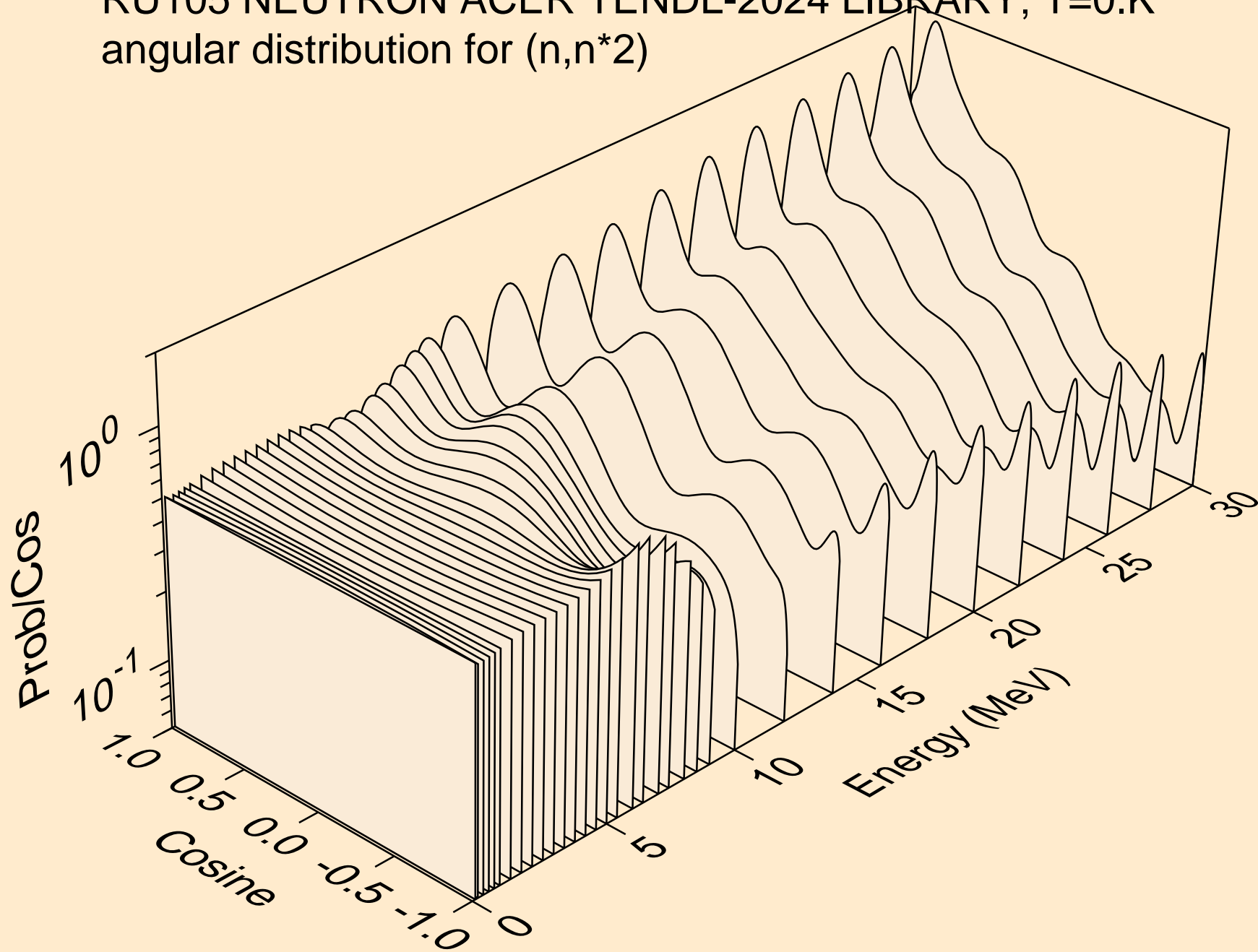
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



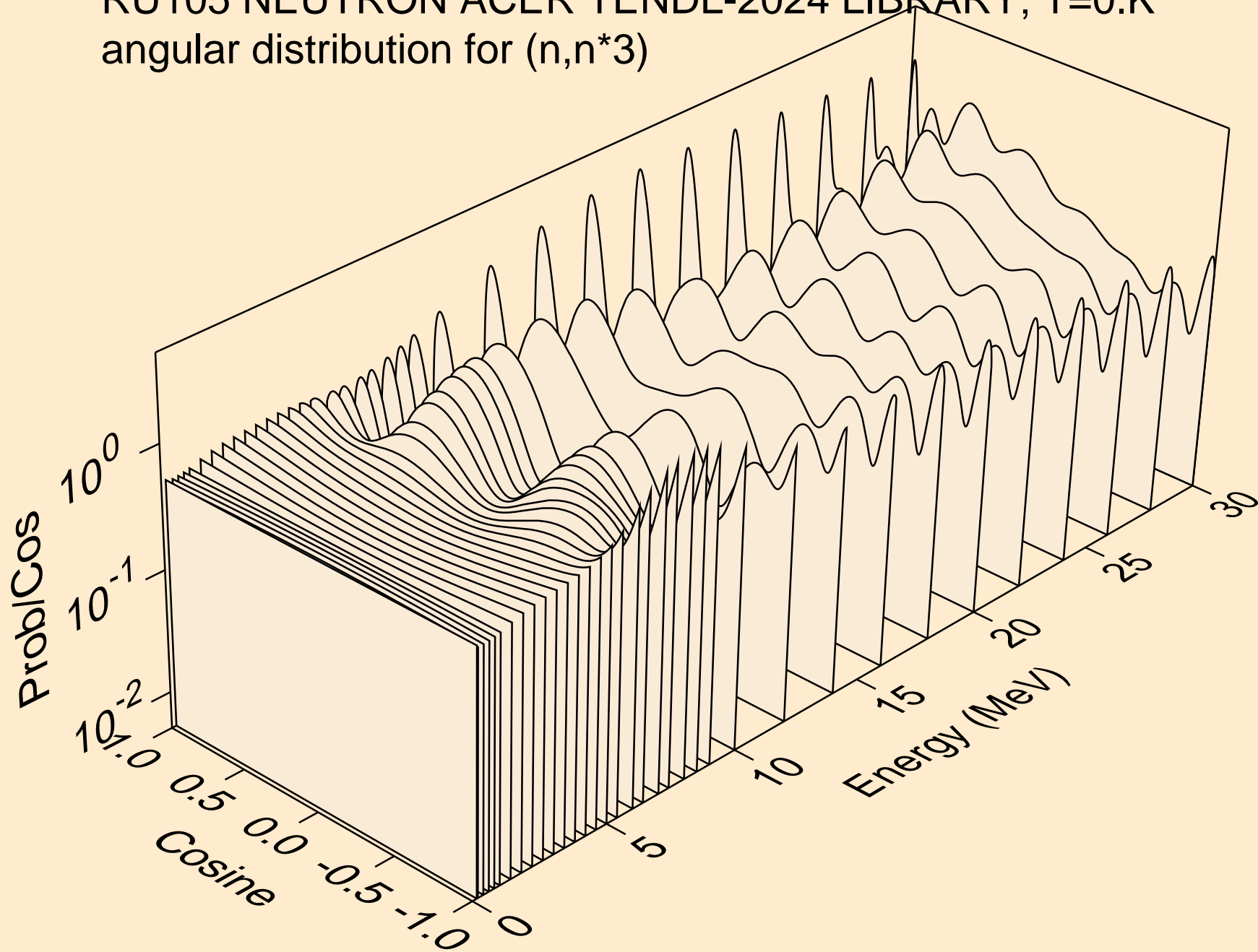
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

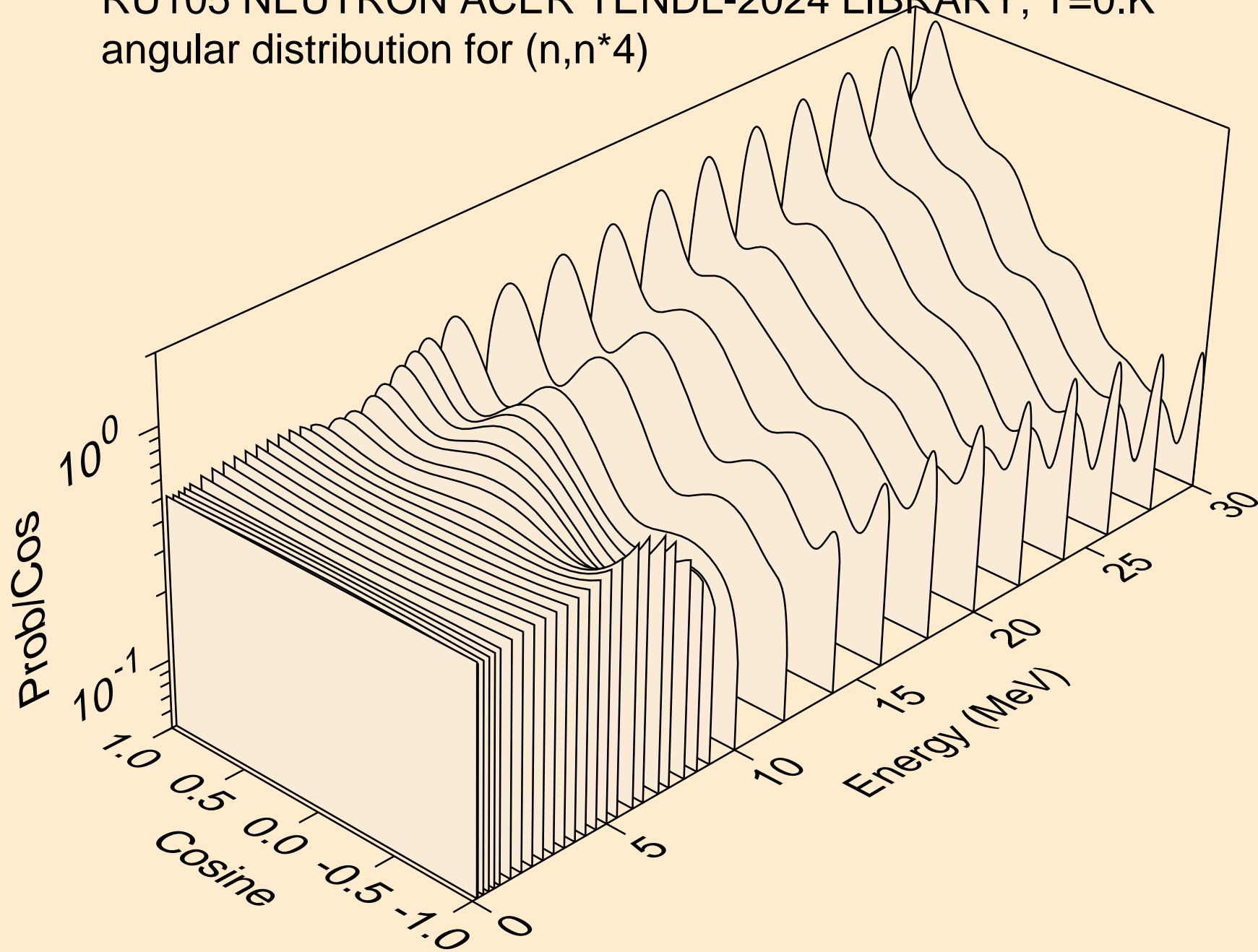


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

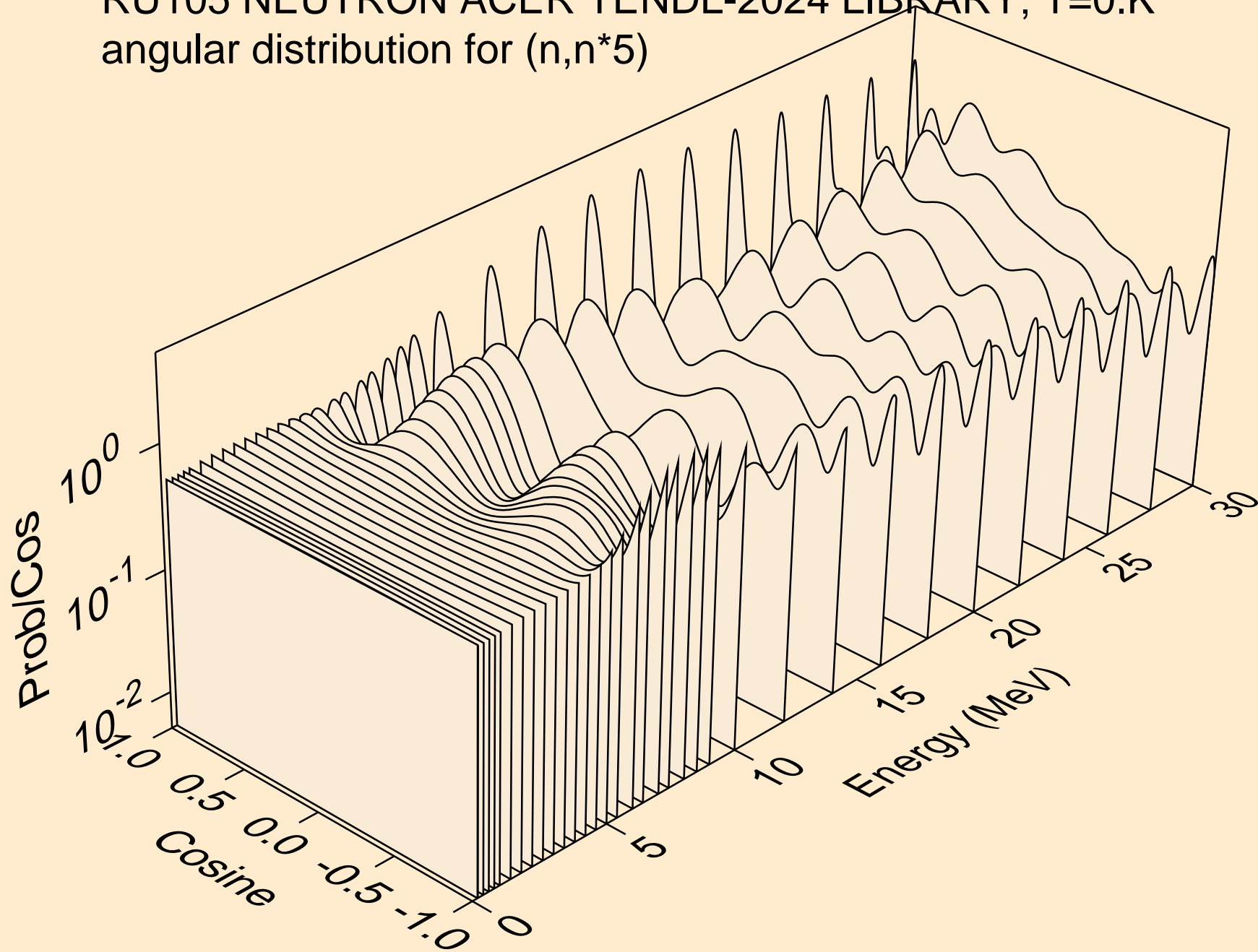




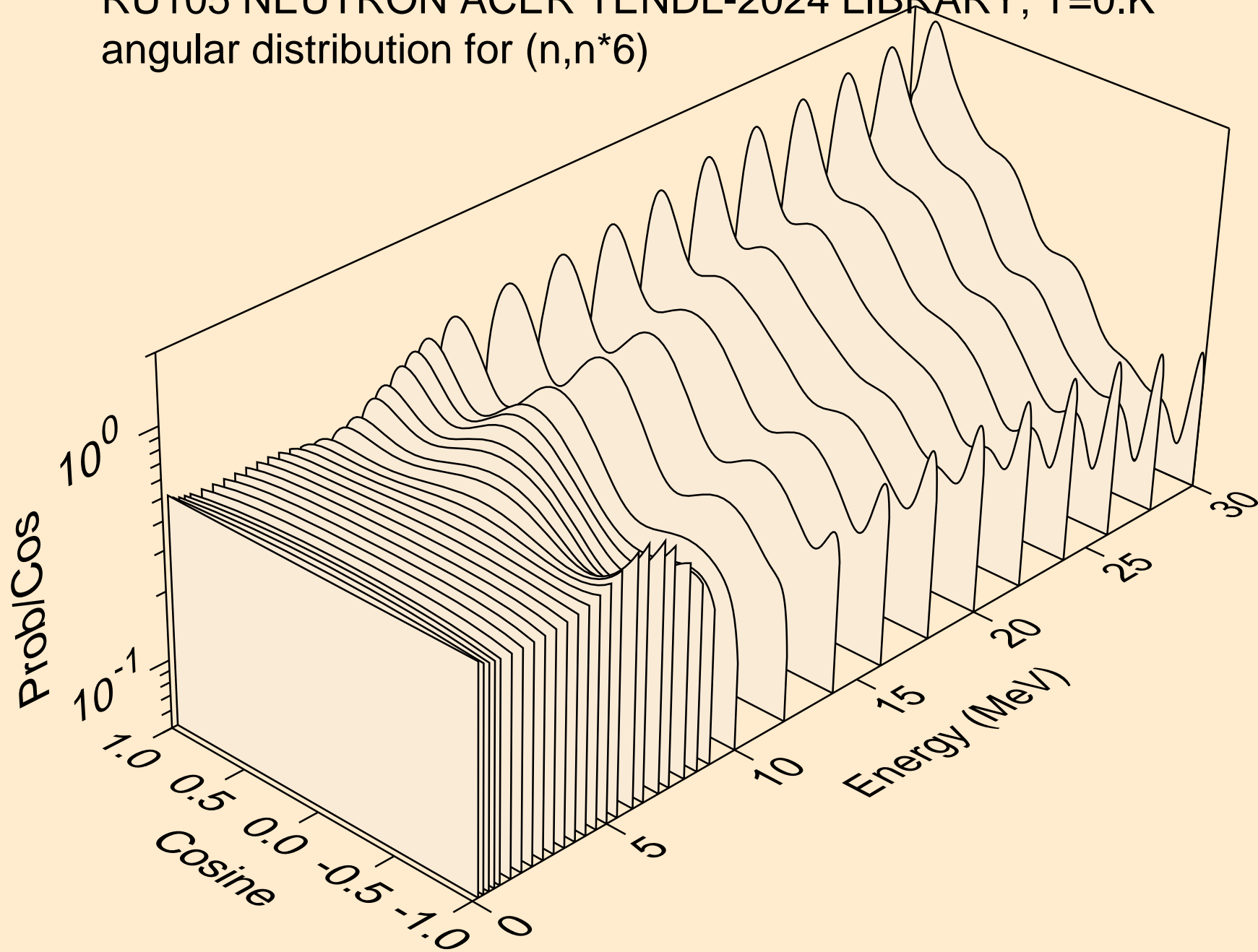
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



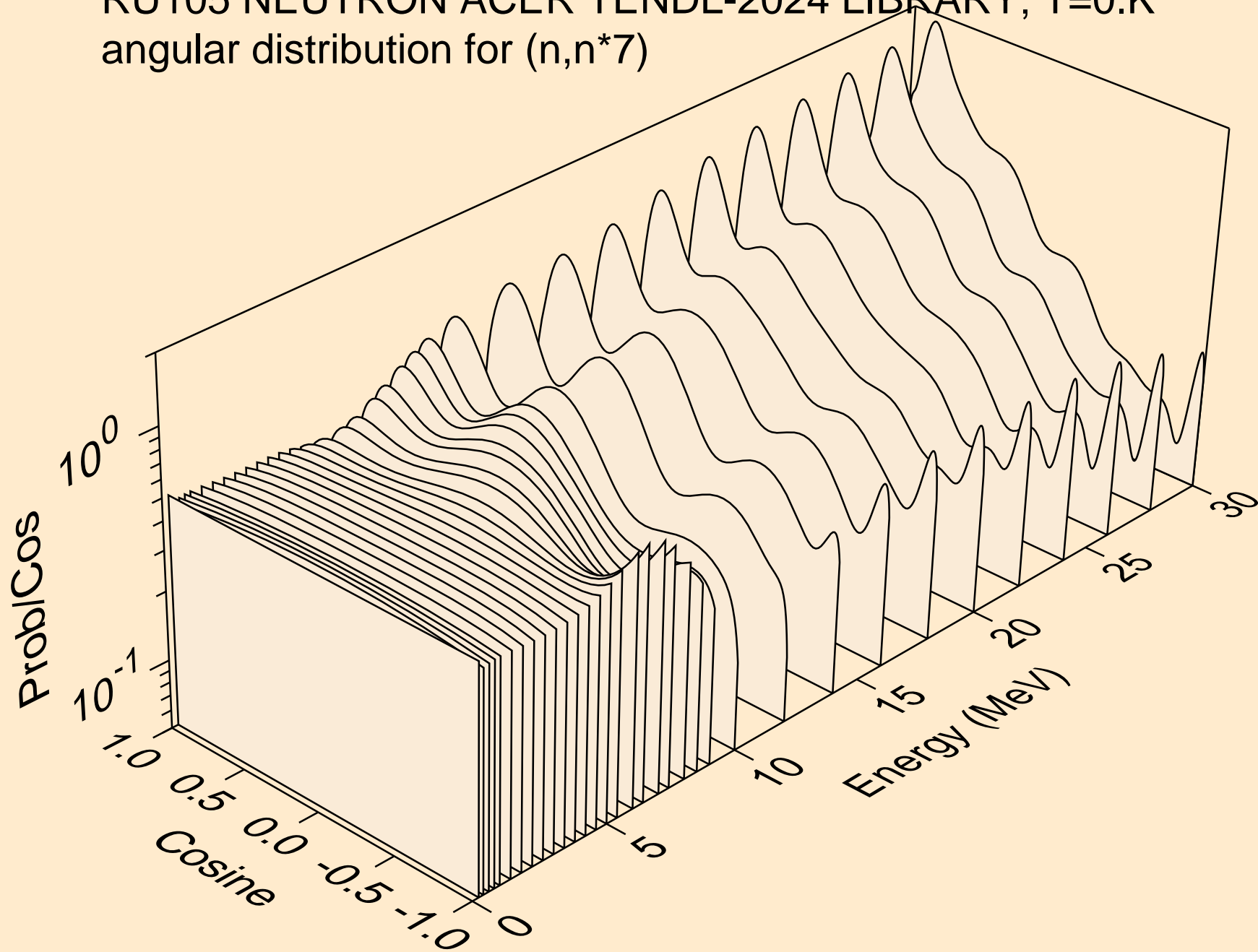
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



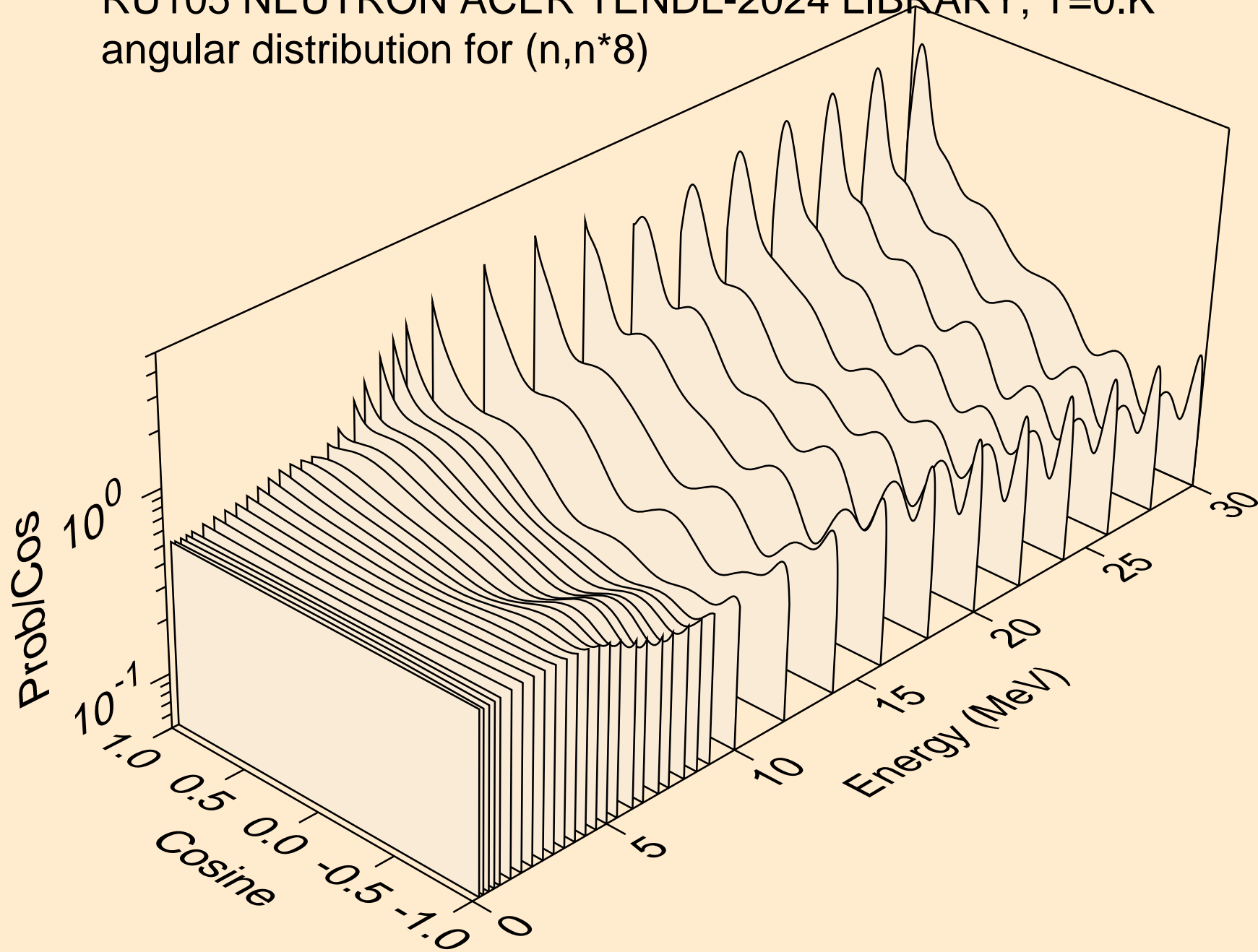
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



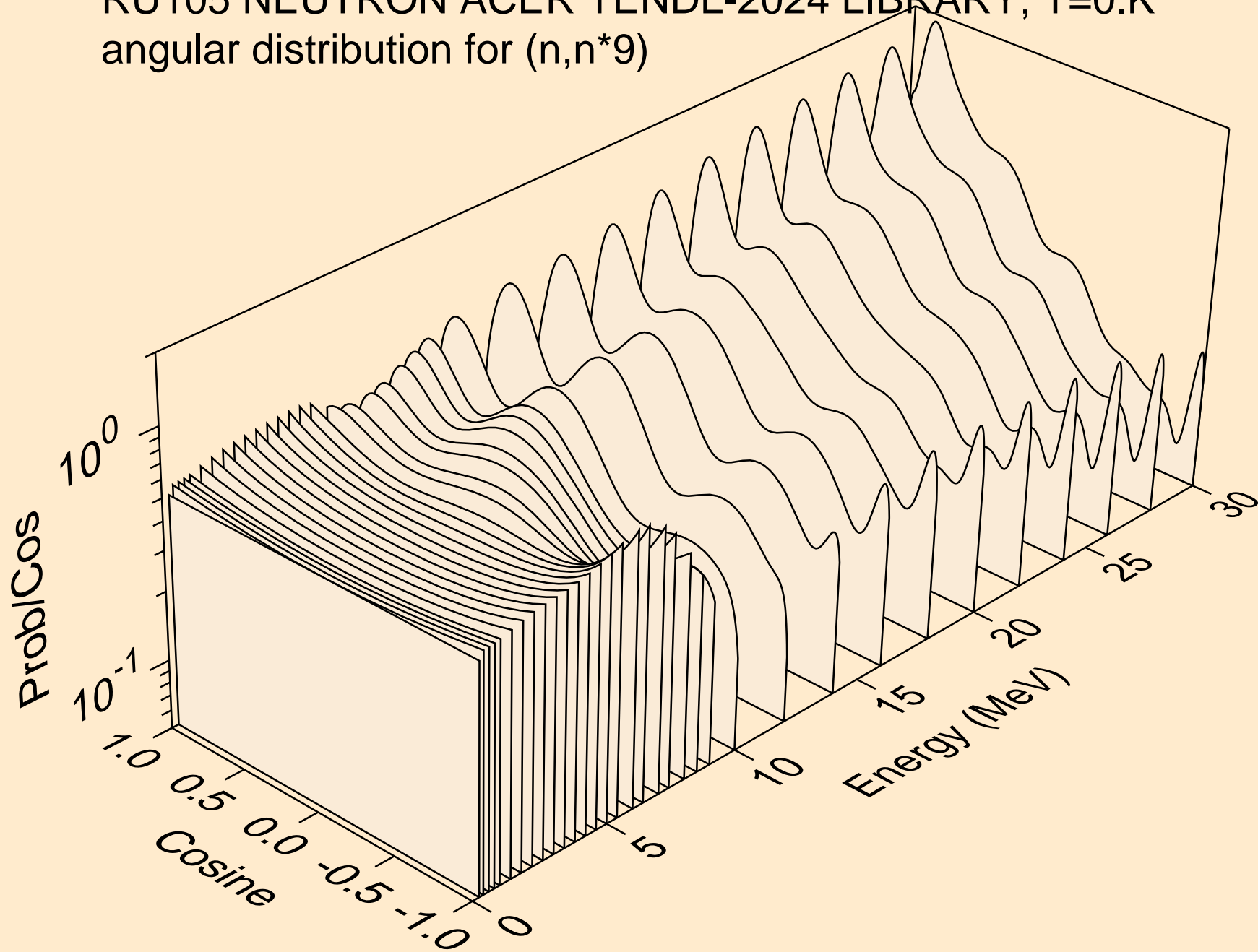
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angular distribution for (n,n\*7)



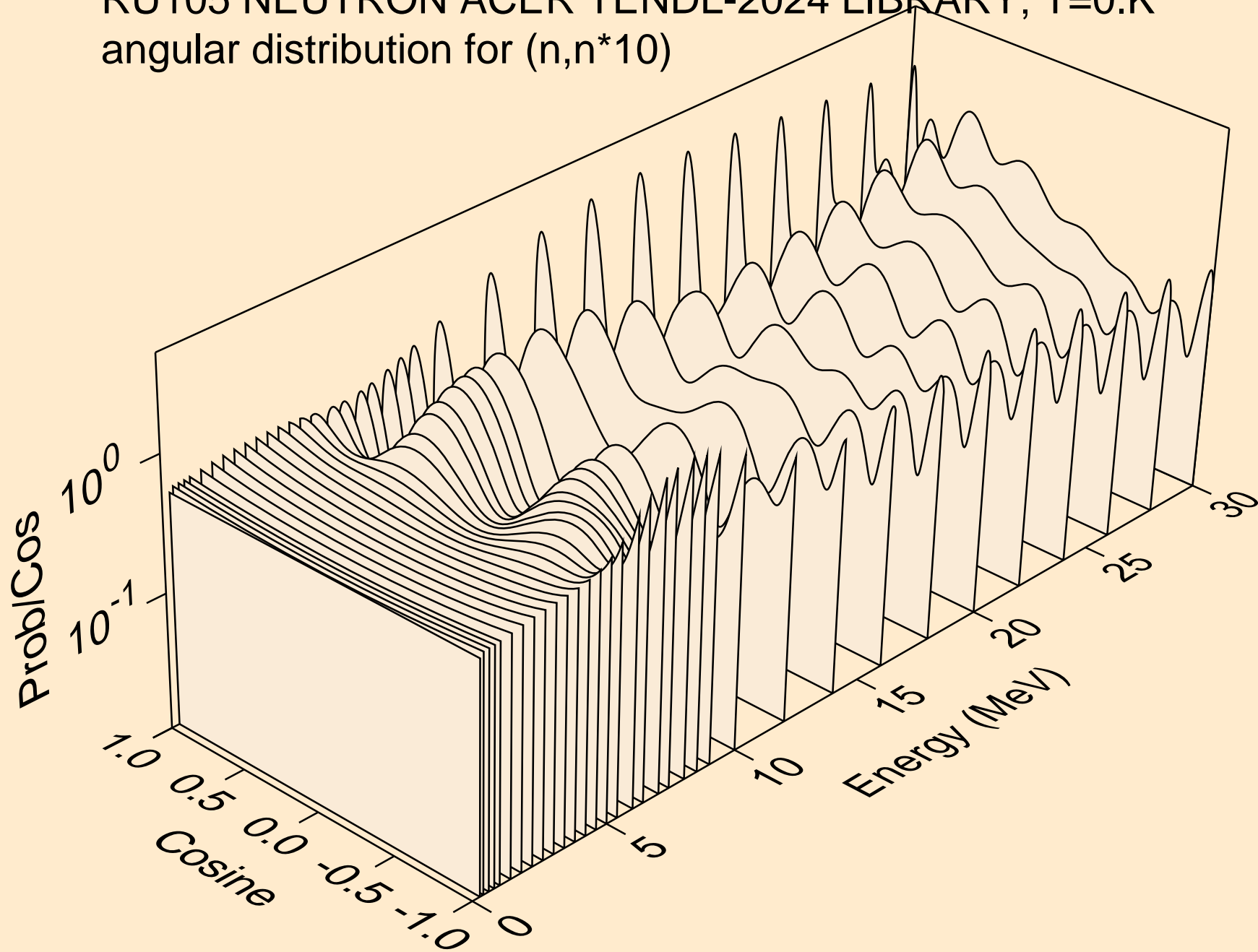
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angular distribution for (n,n\*8)



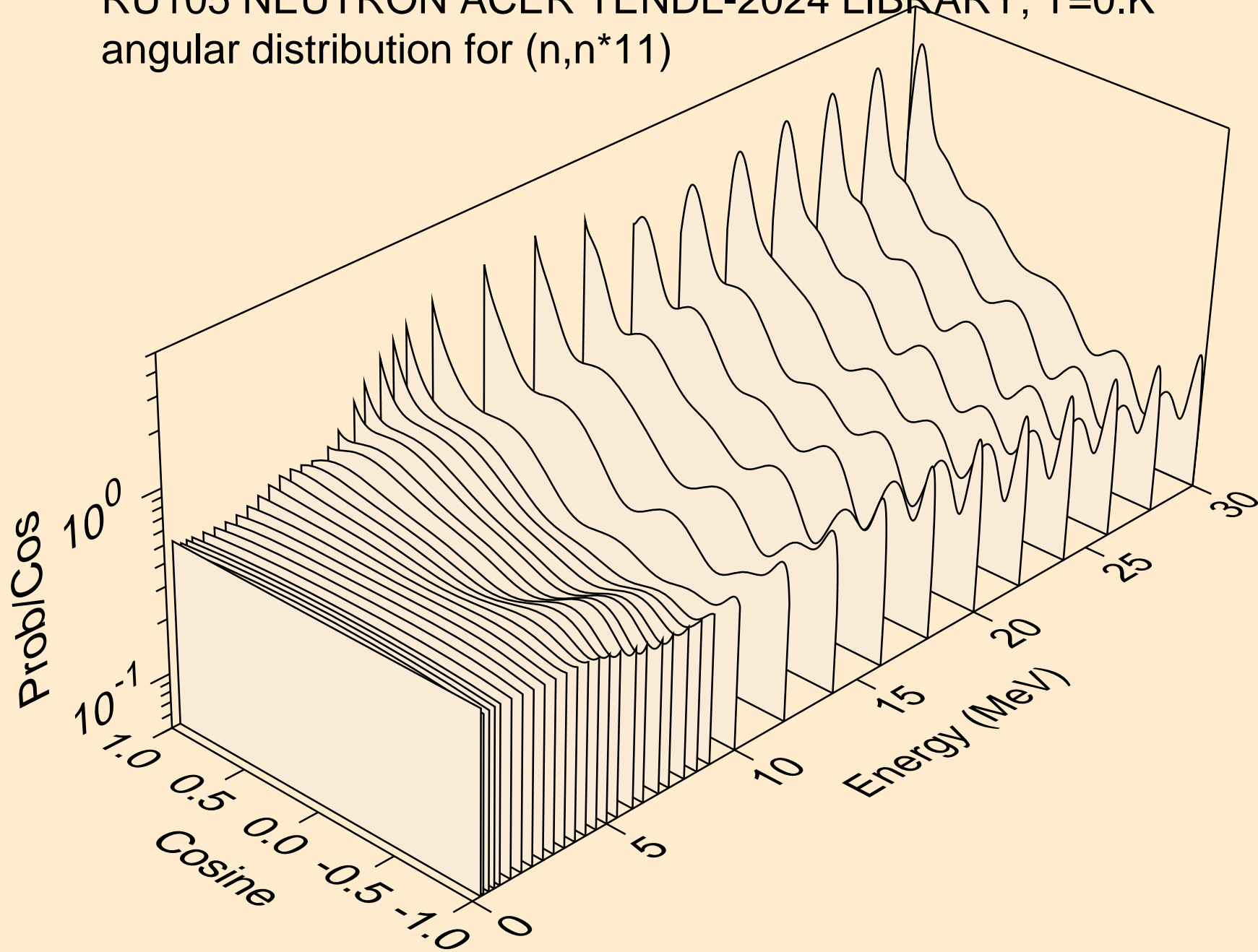
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

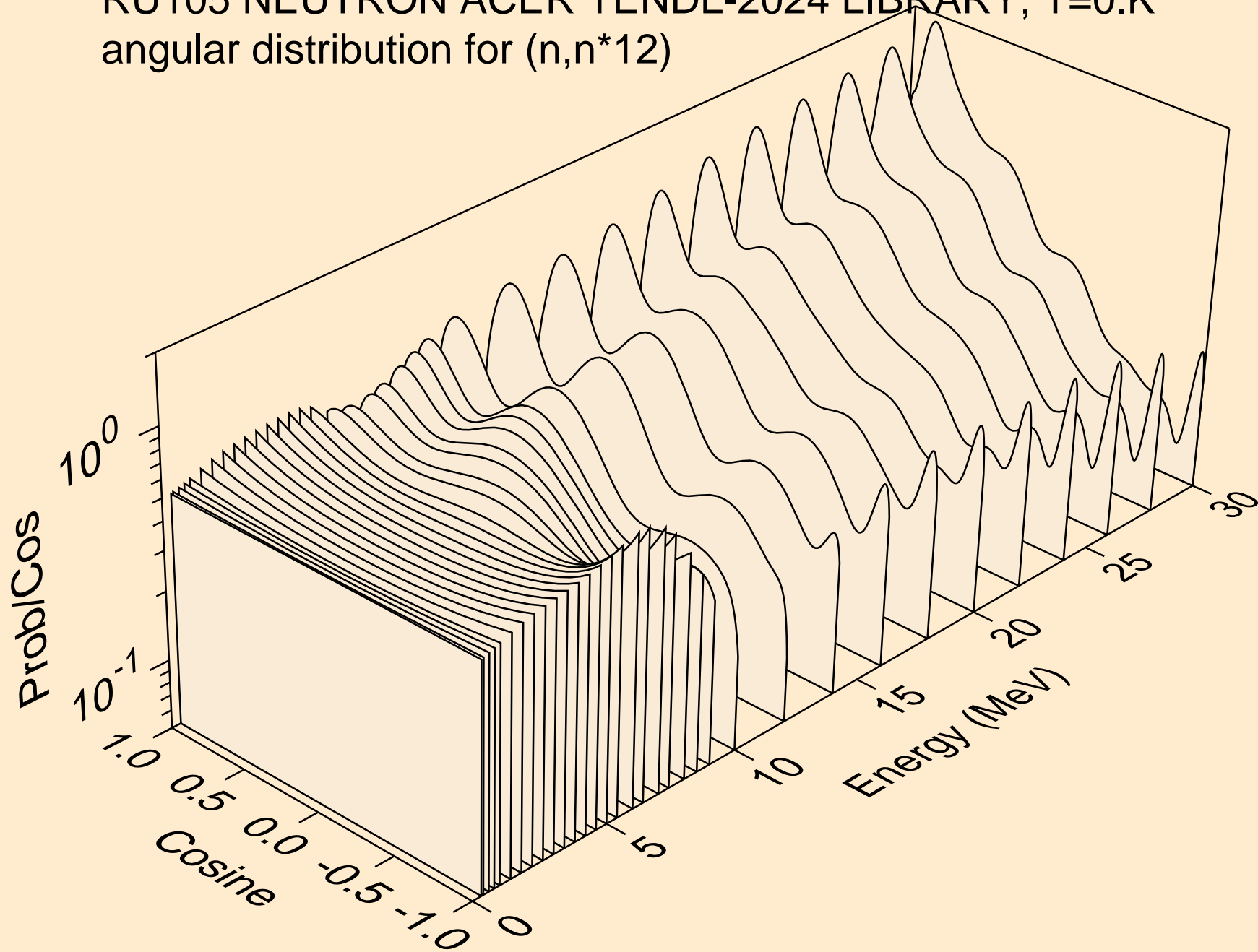


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

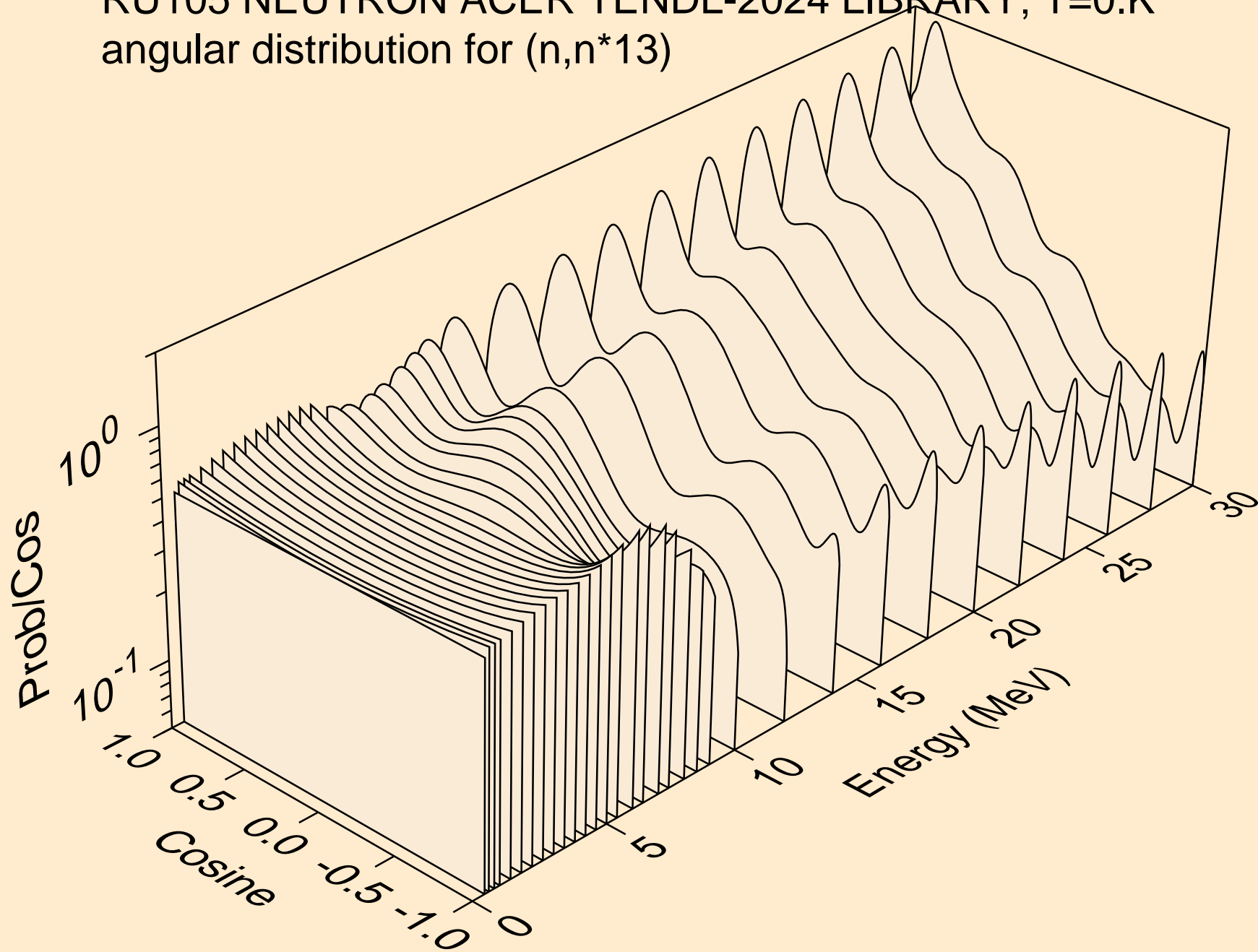




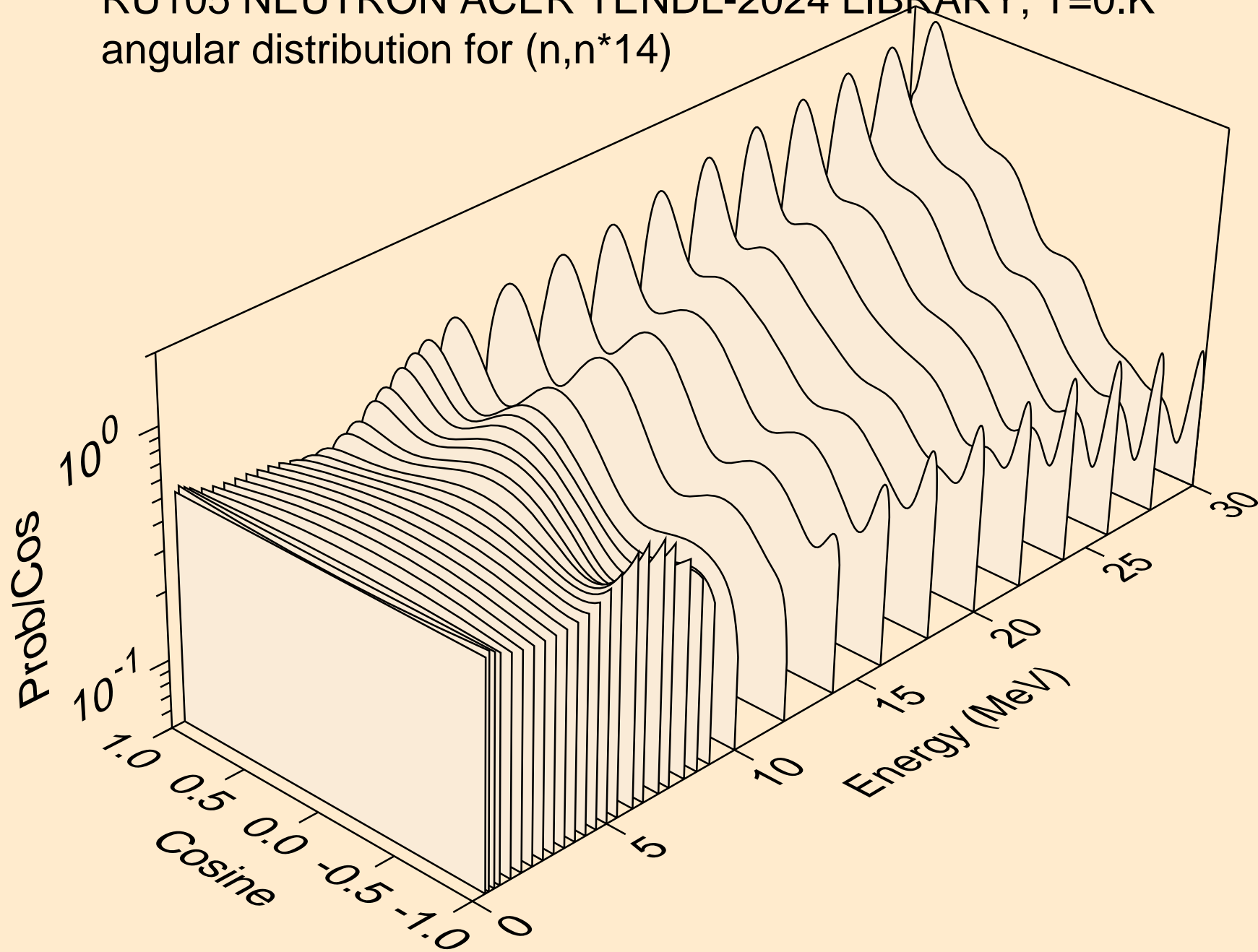
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



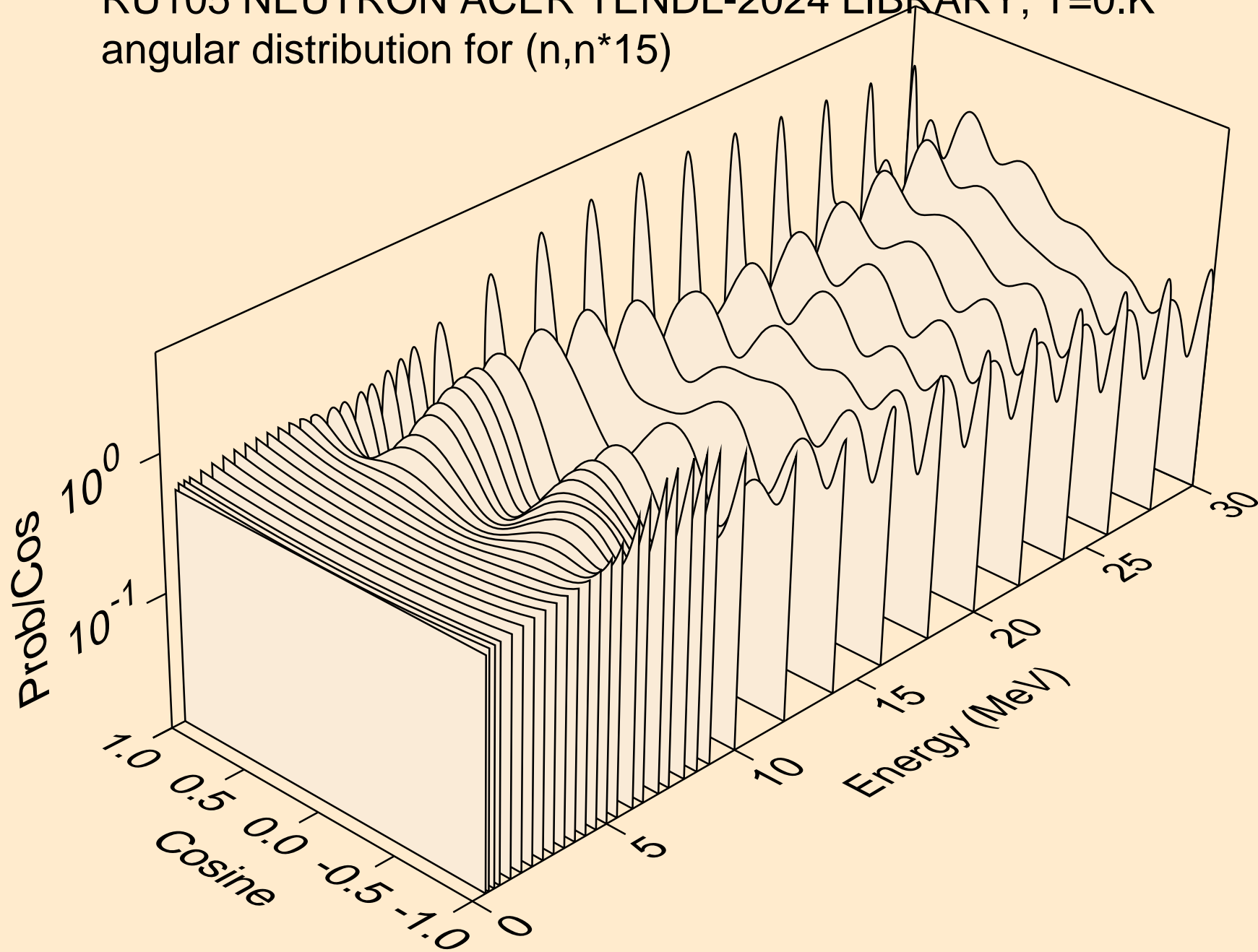
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angular distribution for (n,n\*13)



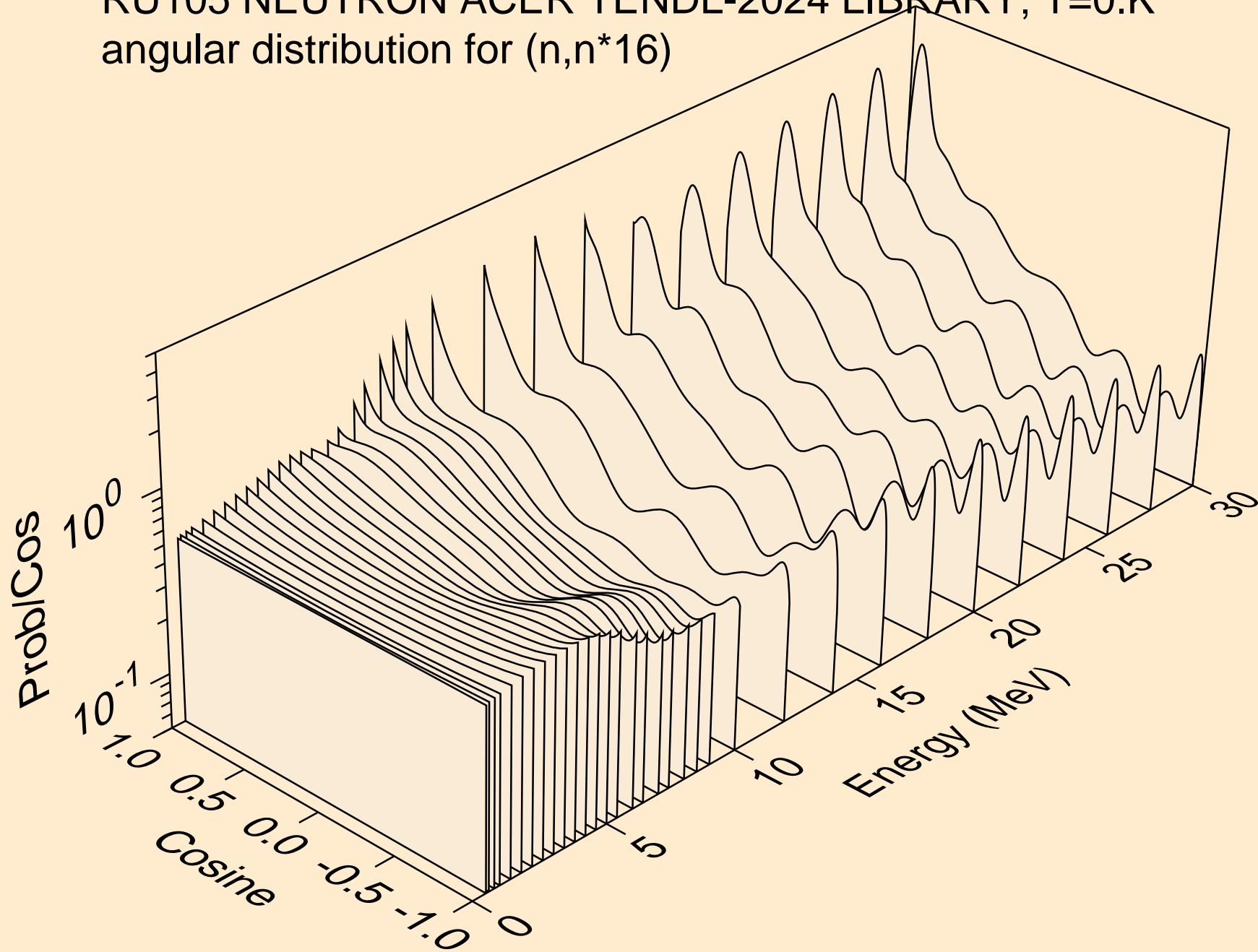
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angular distribution for (n,n\*14)



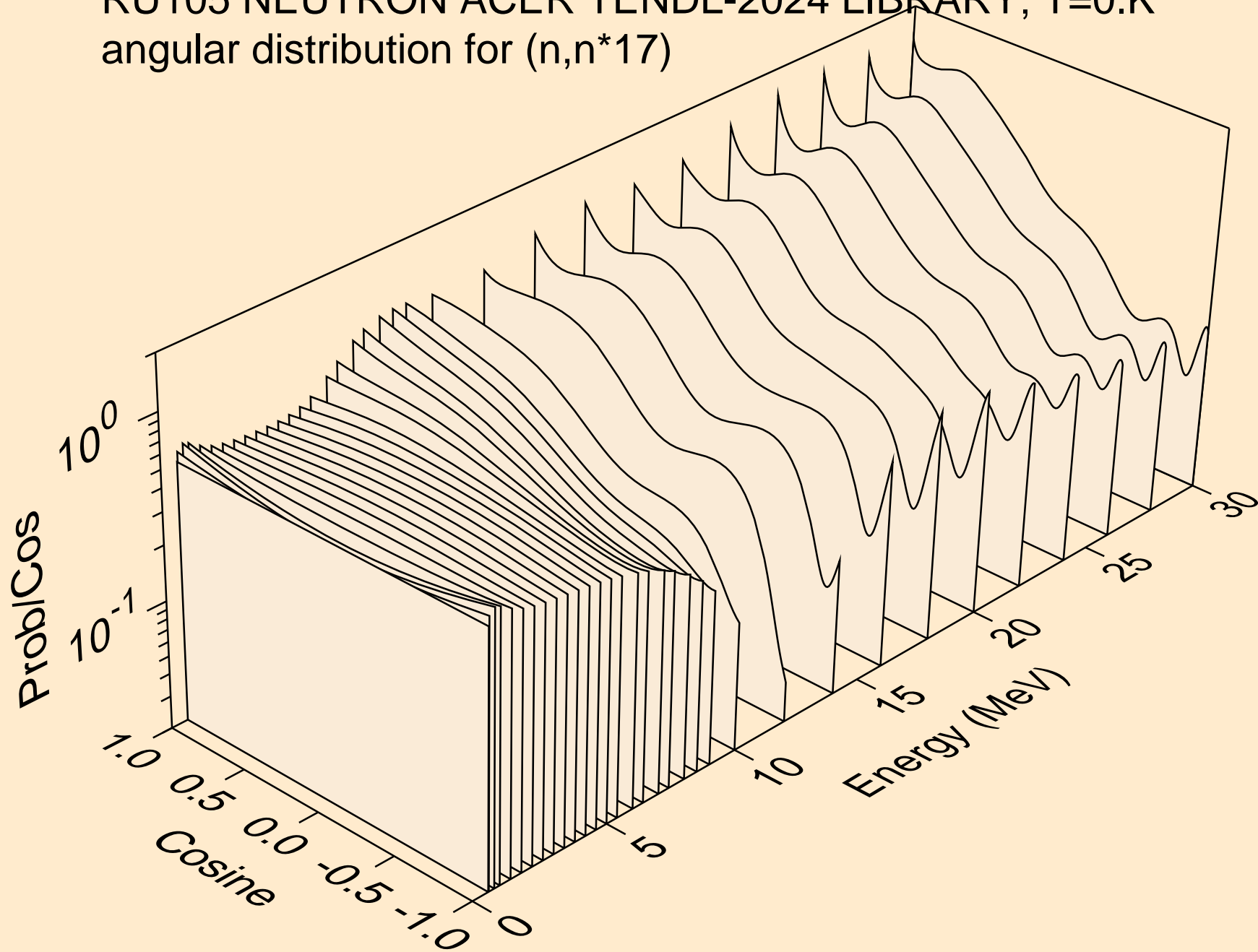
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angular distribution for (n,n\*15)



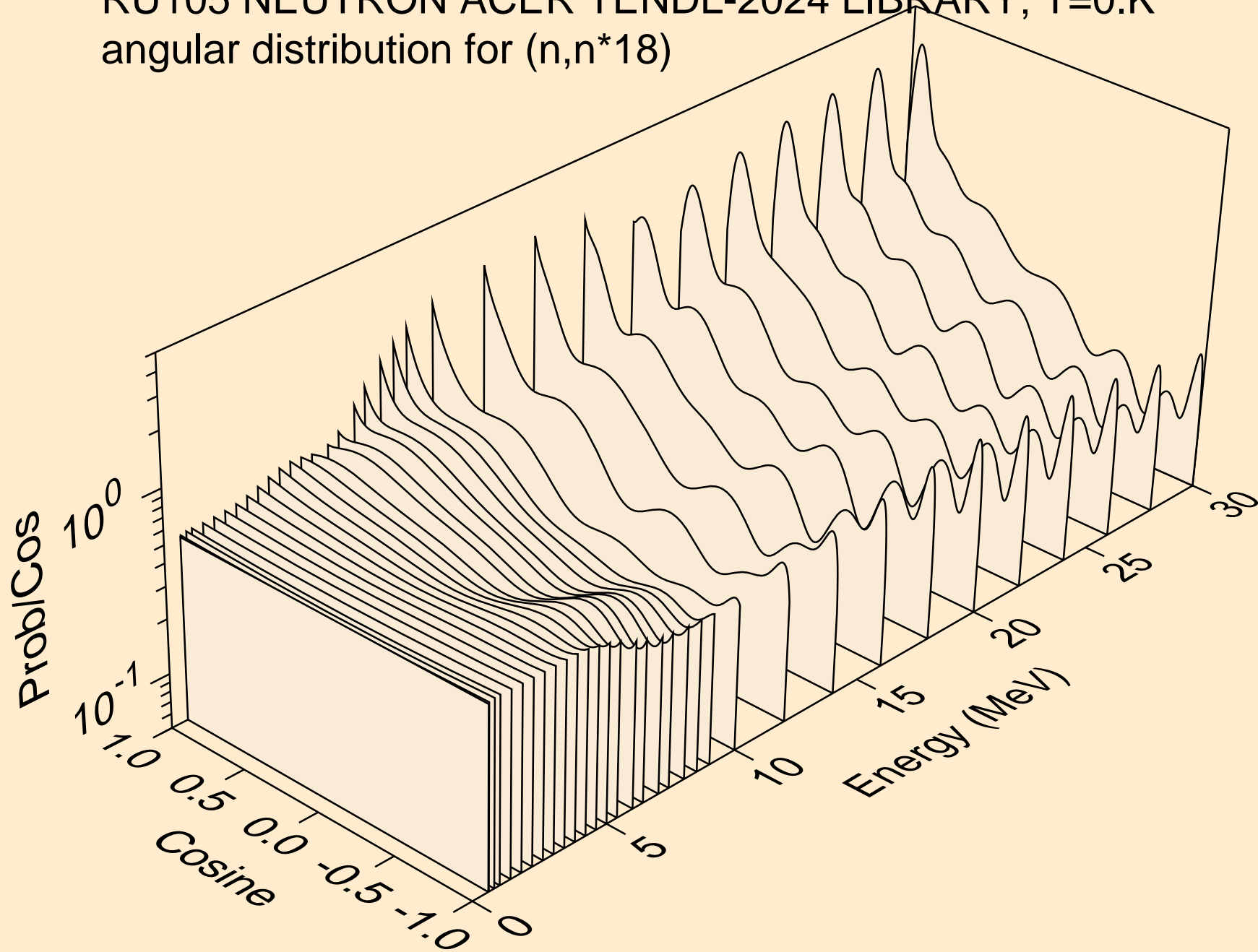
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



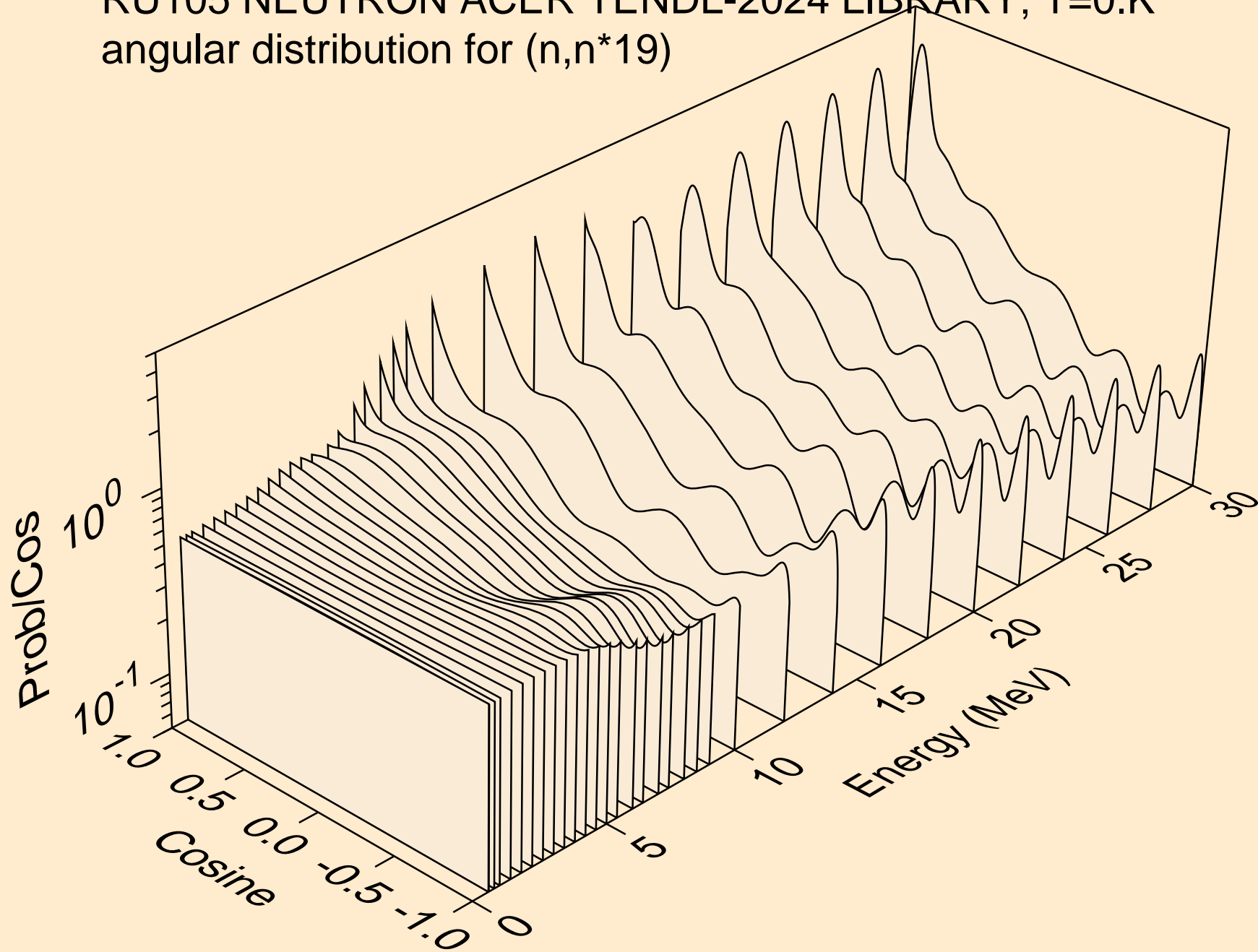
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

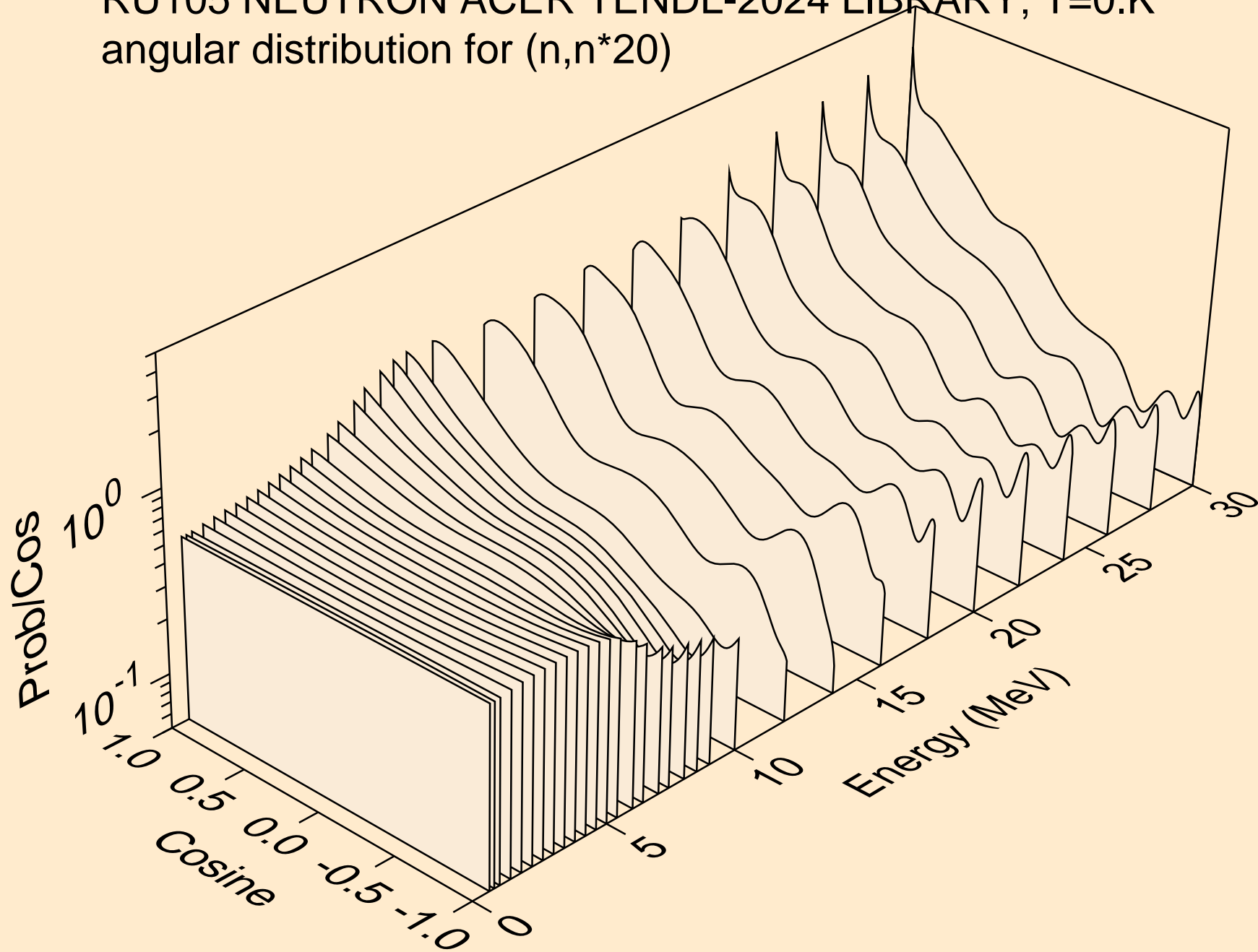


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

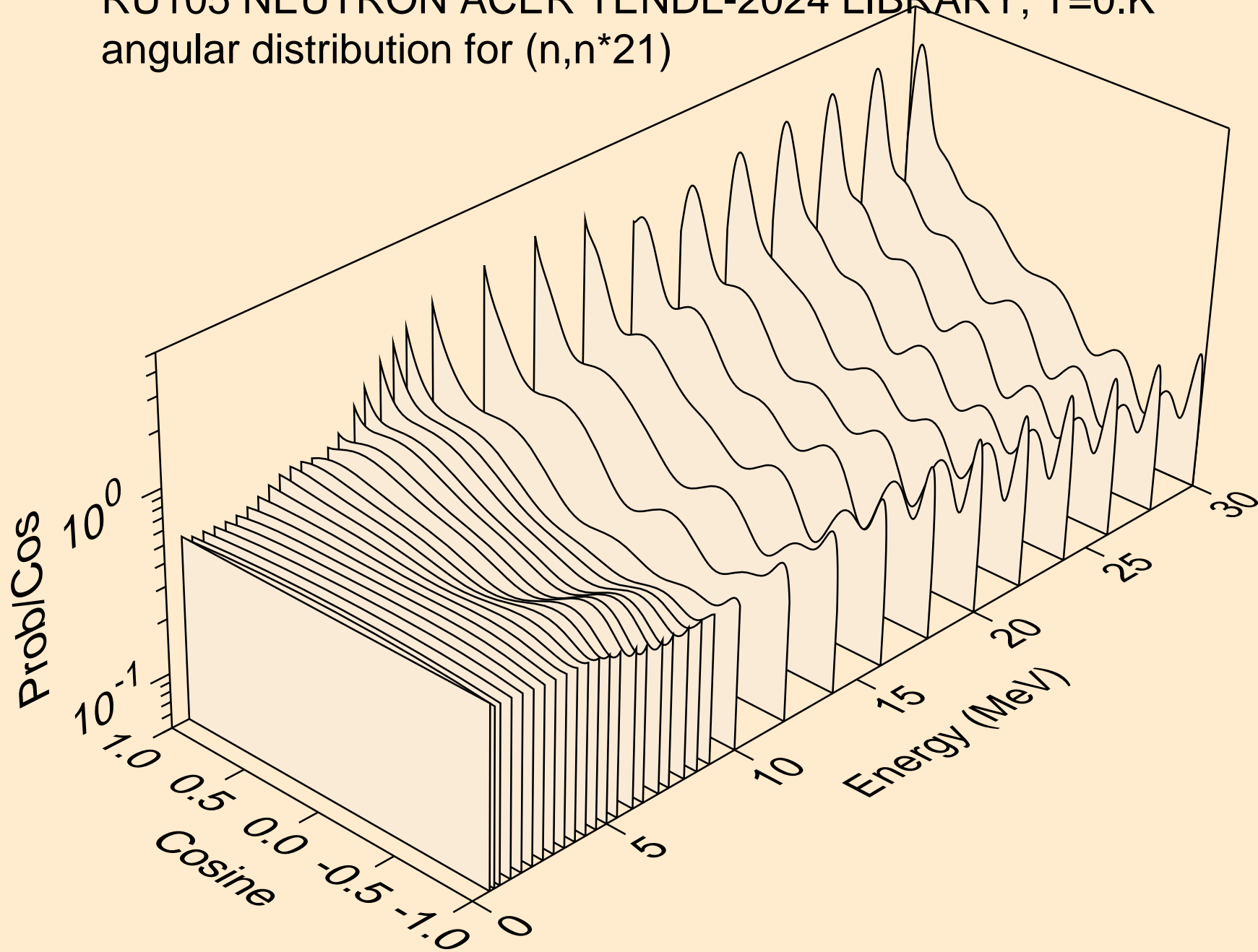




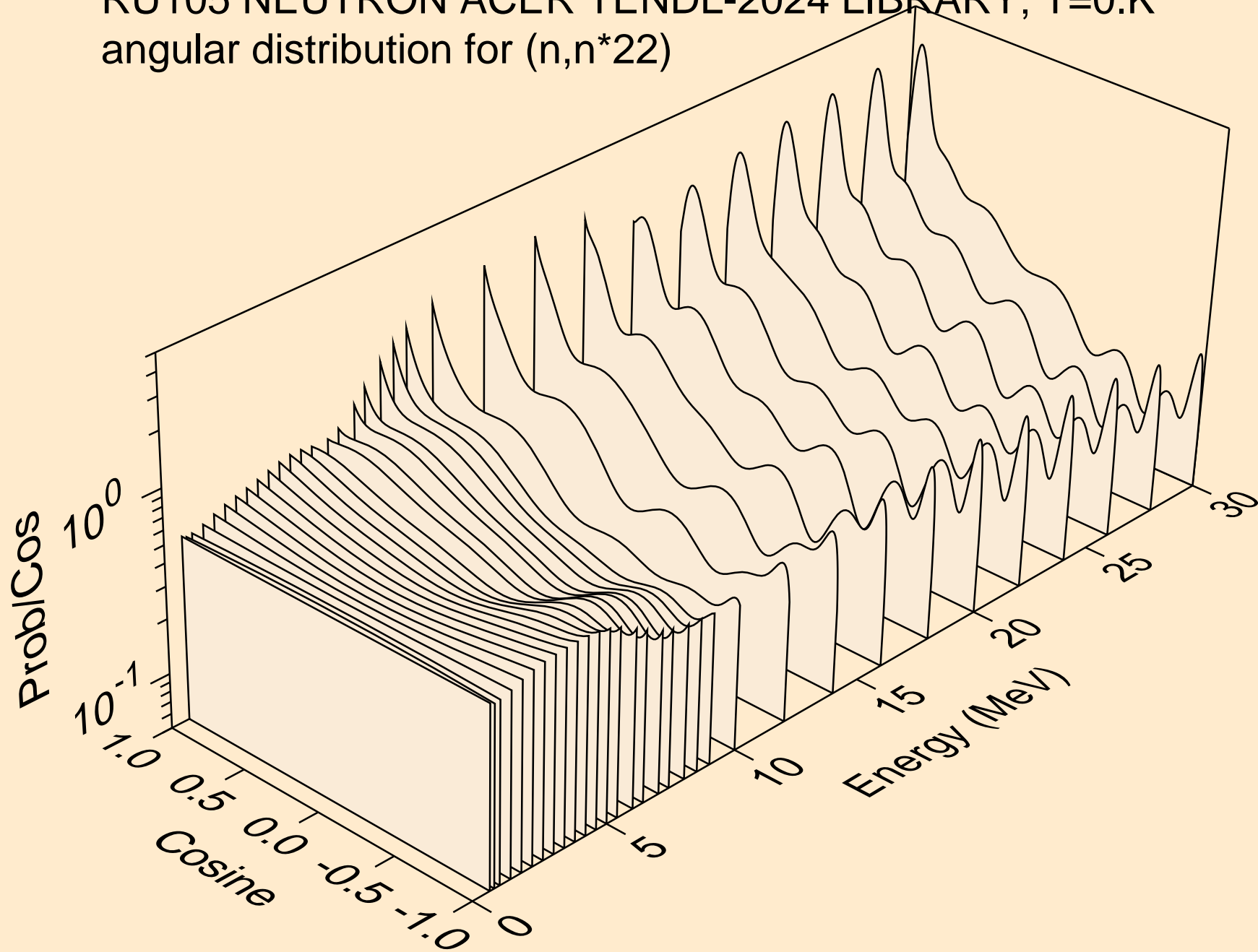
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angular distribution for (n,n\*20)



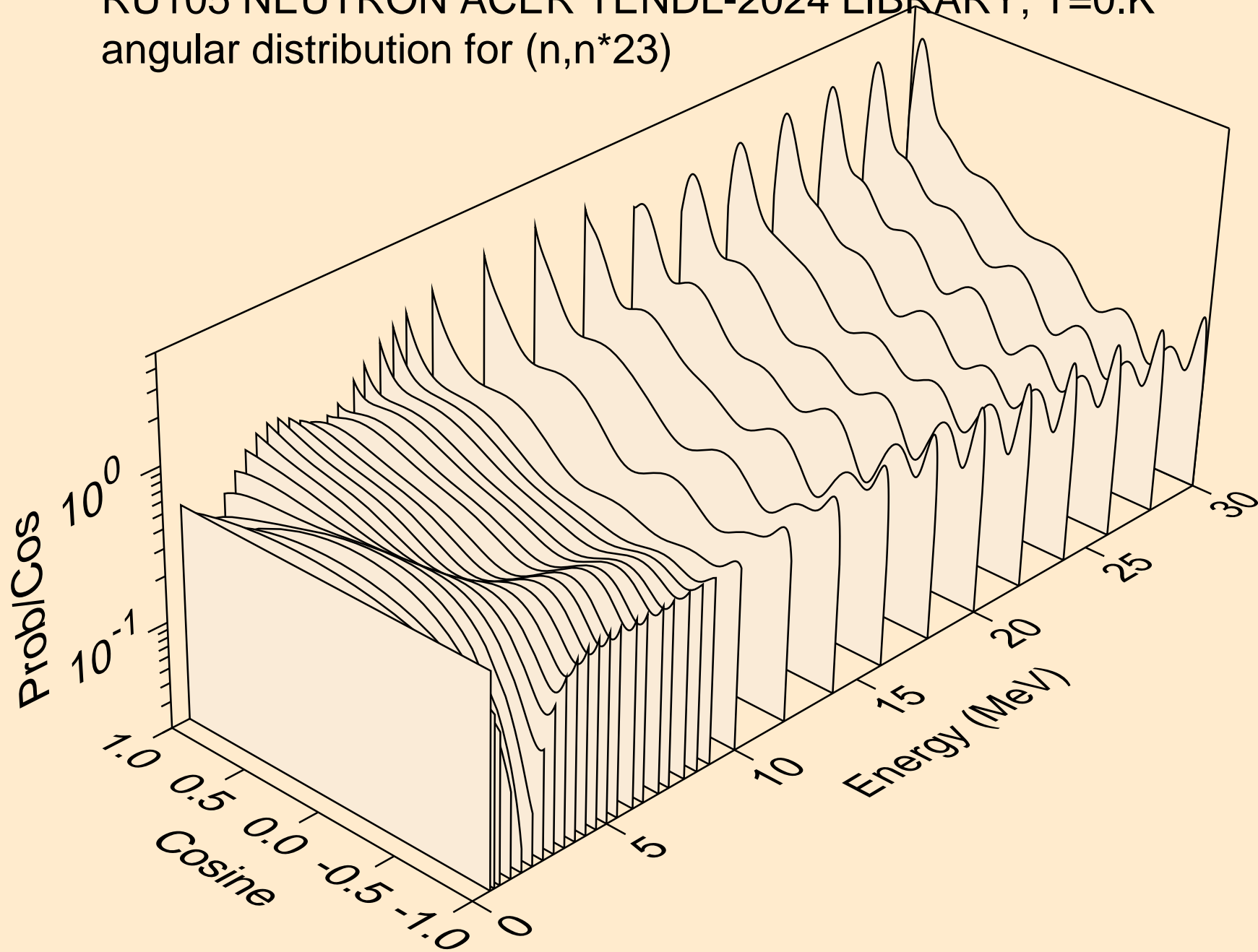
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angular distribution for (n,n\*21)



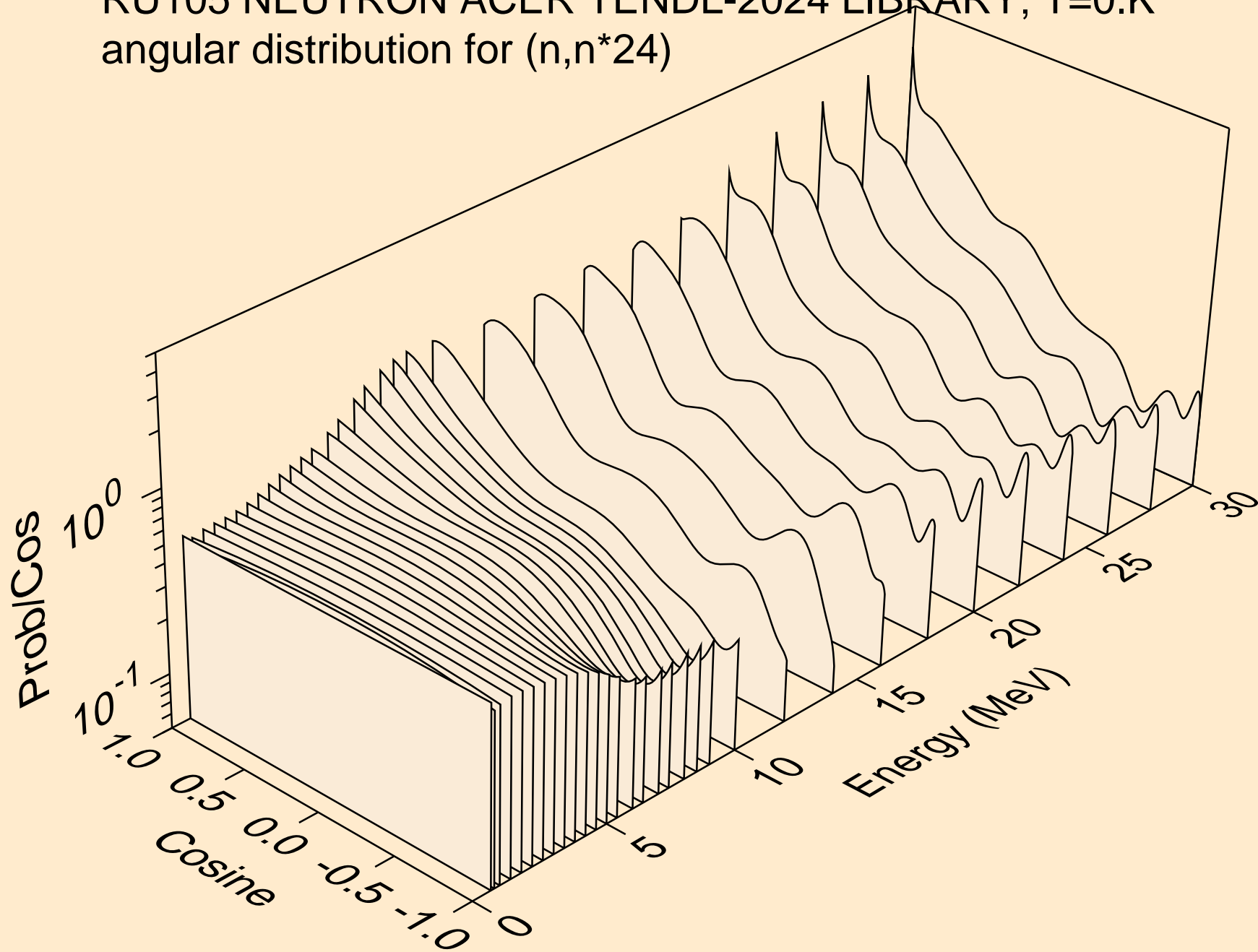
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angular distribution for (n,n\*22)



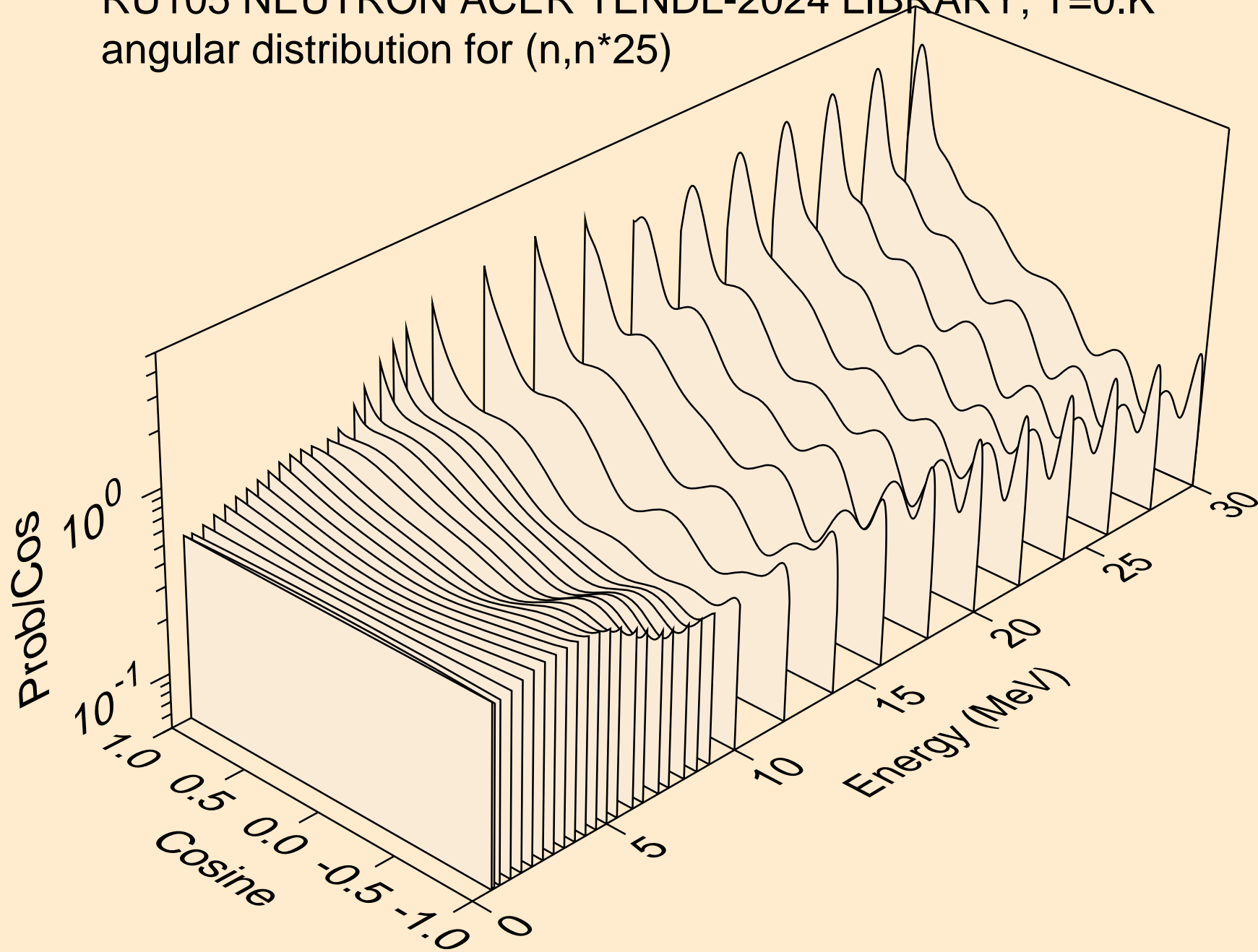
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angular distribution for (n,n\*23)



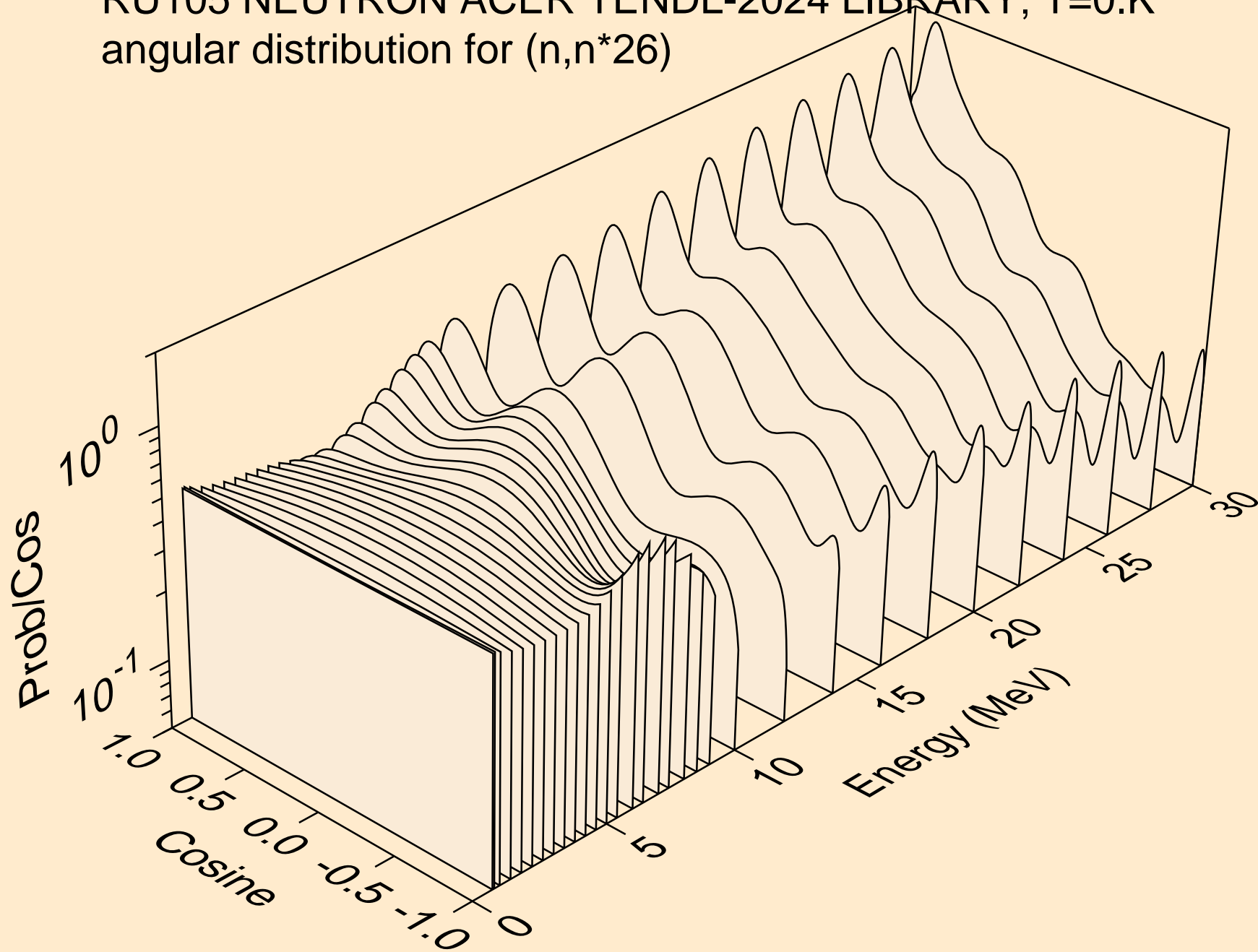
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



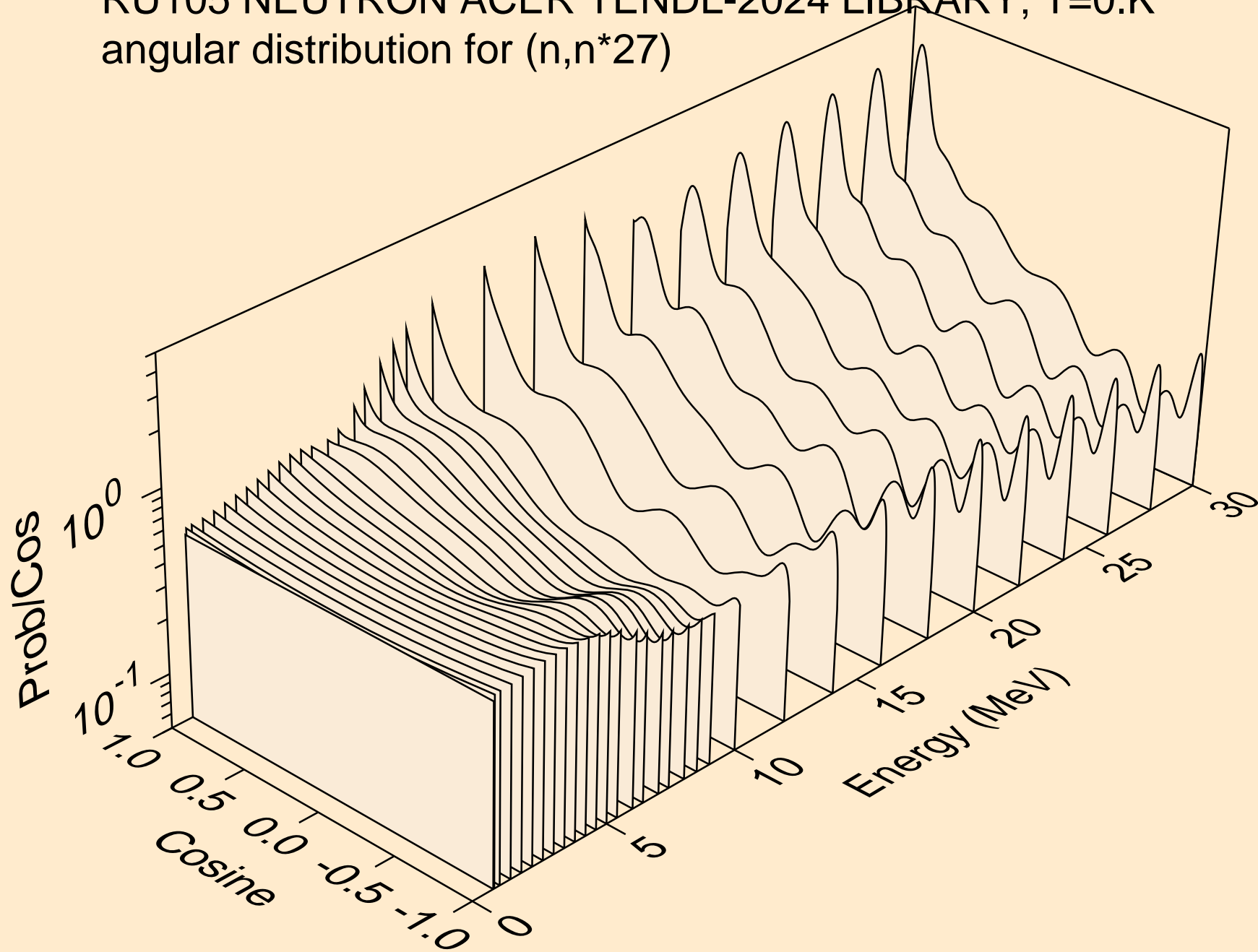
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

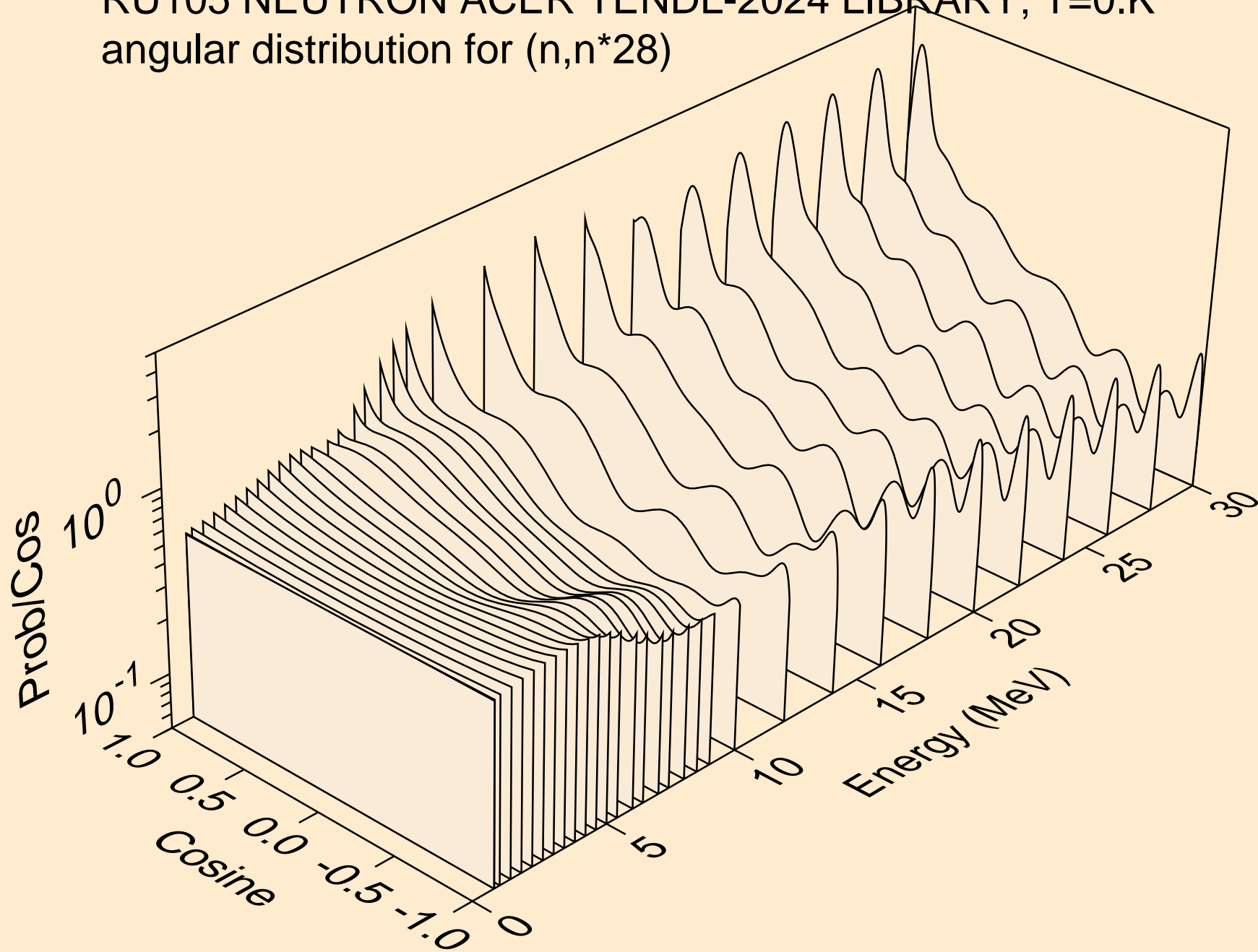


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

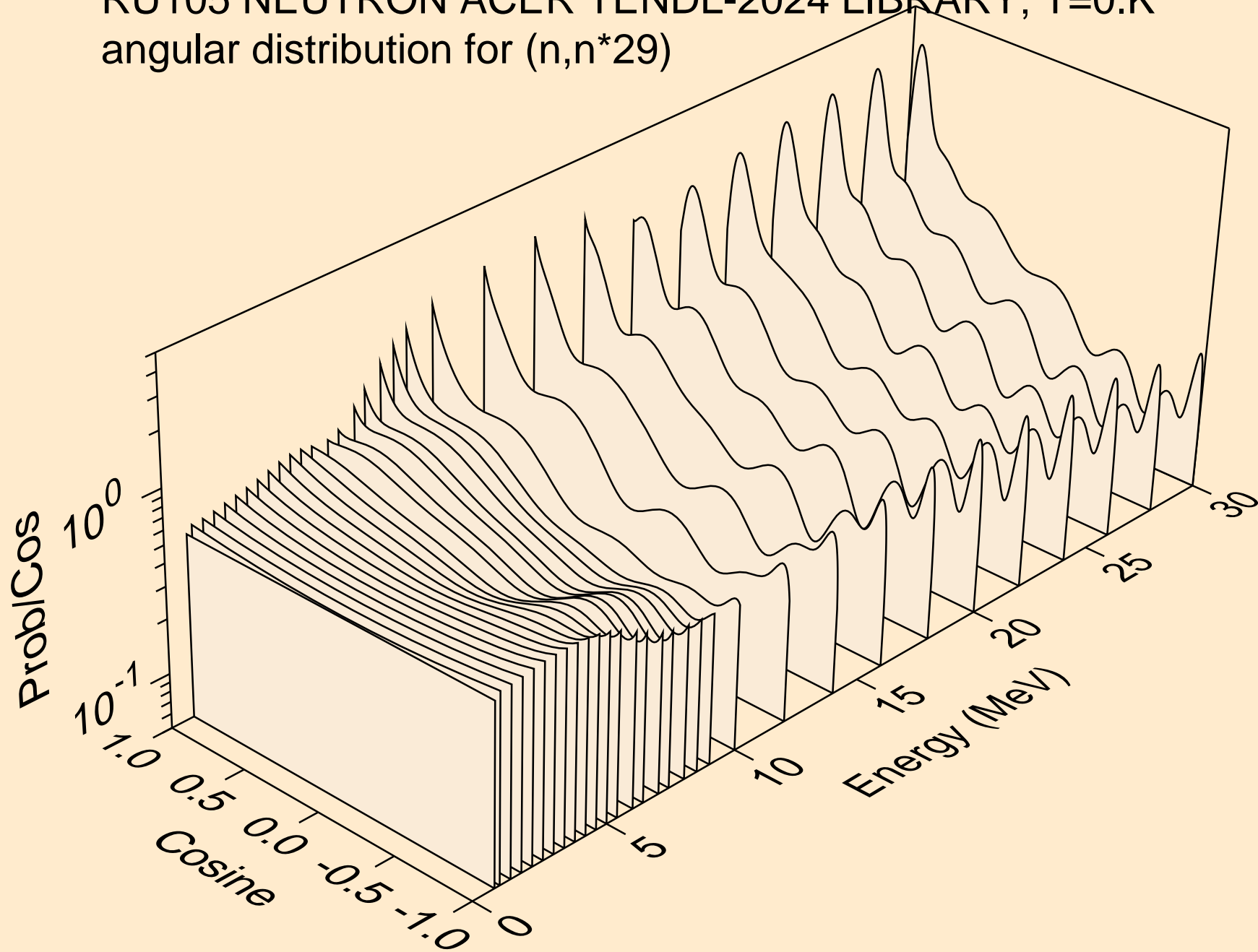




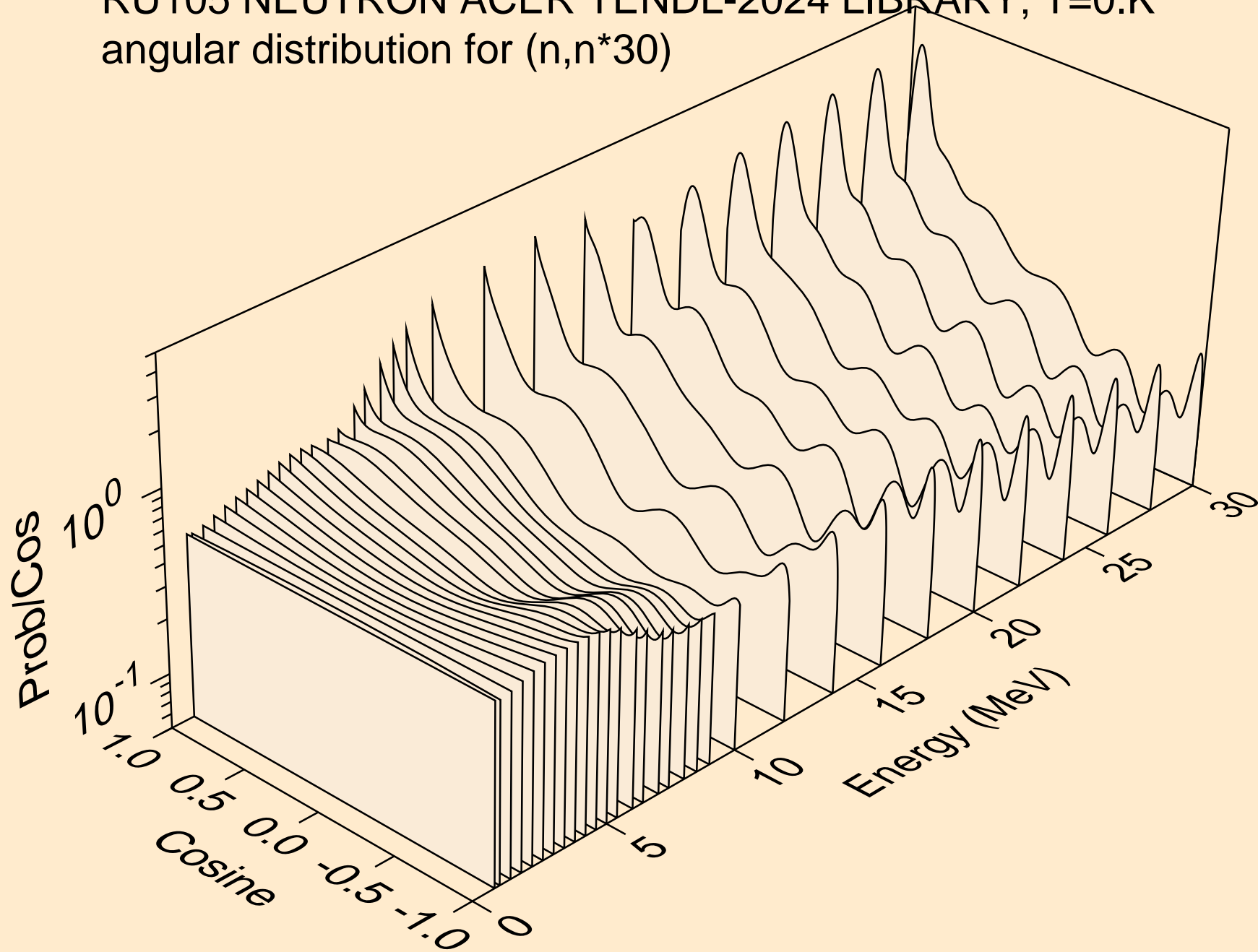
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angular distribution for (n,n\*28)



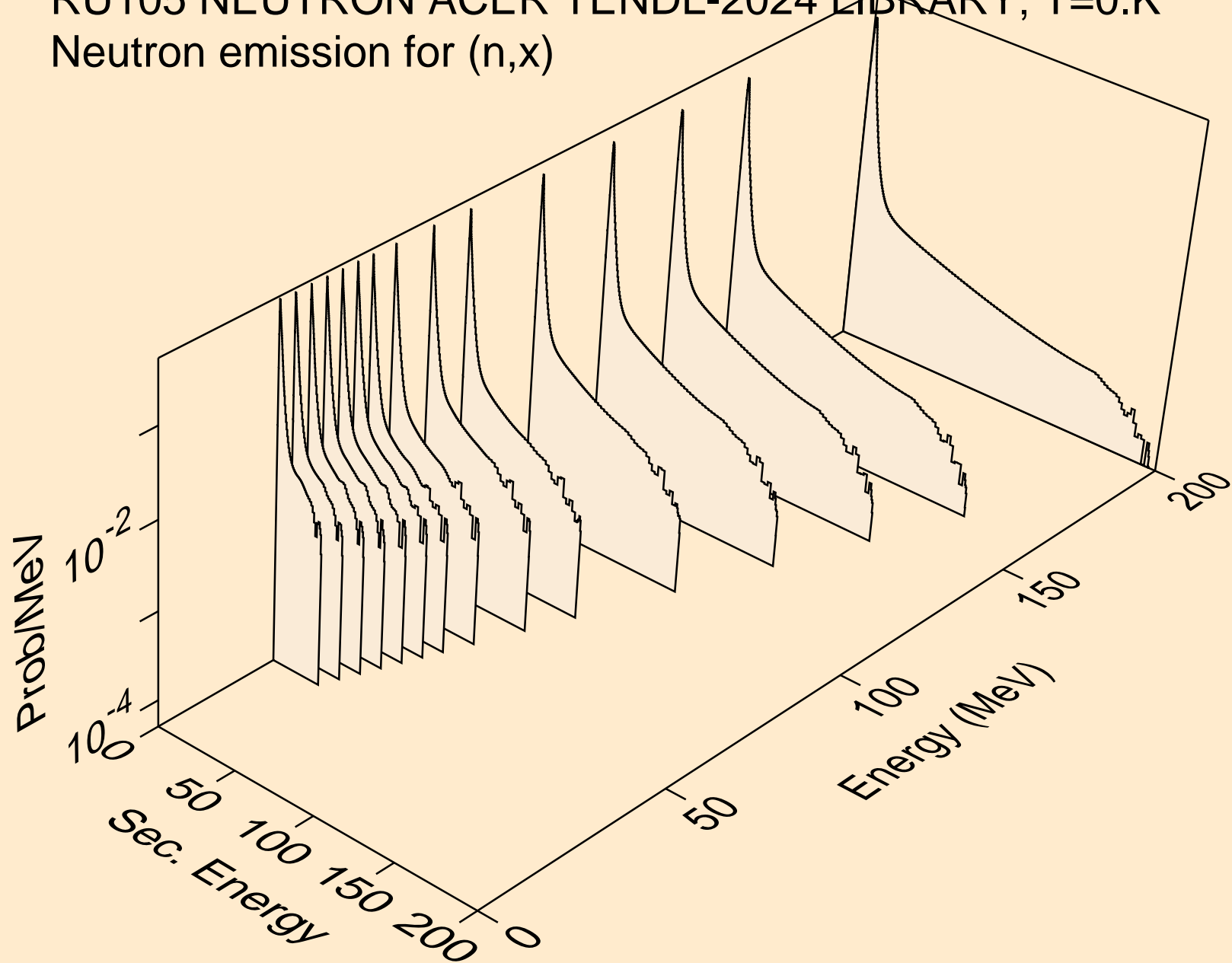
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



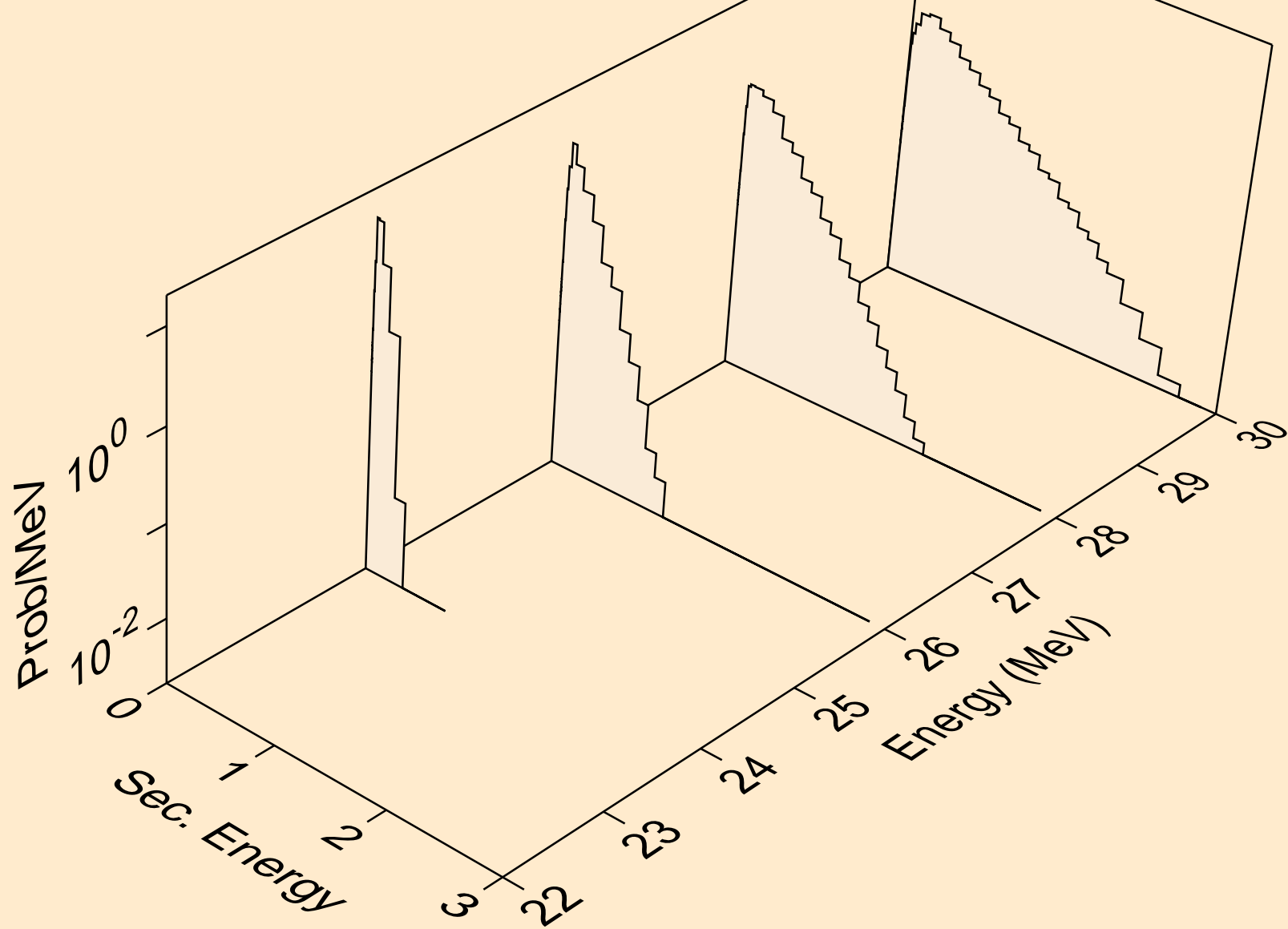
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angular distribution for (n,n\*30)



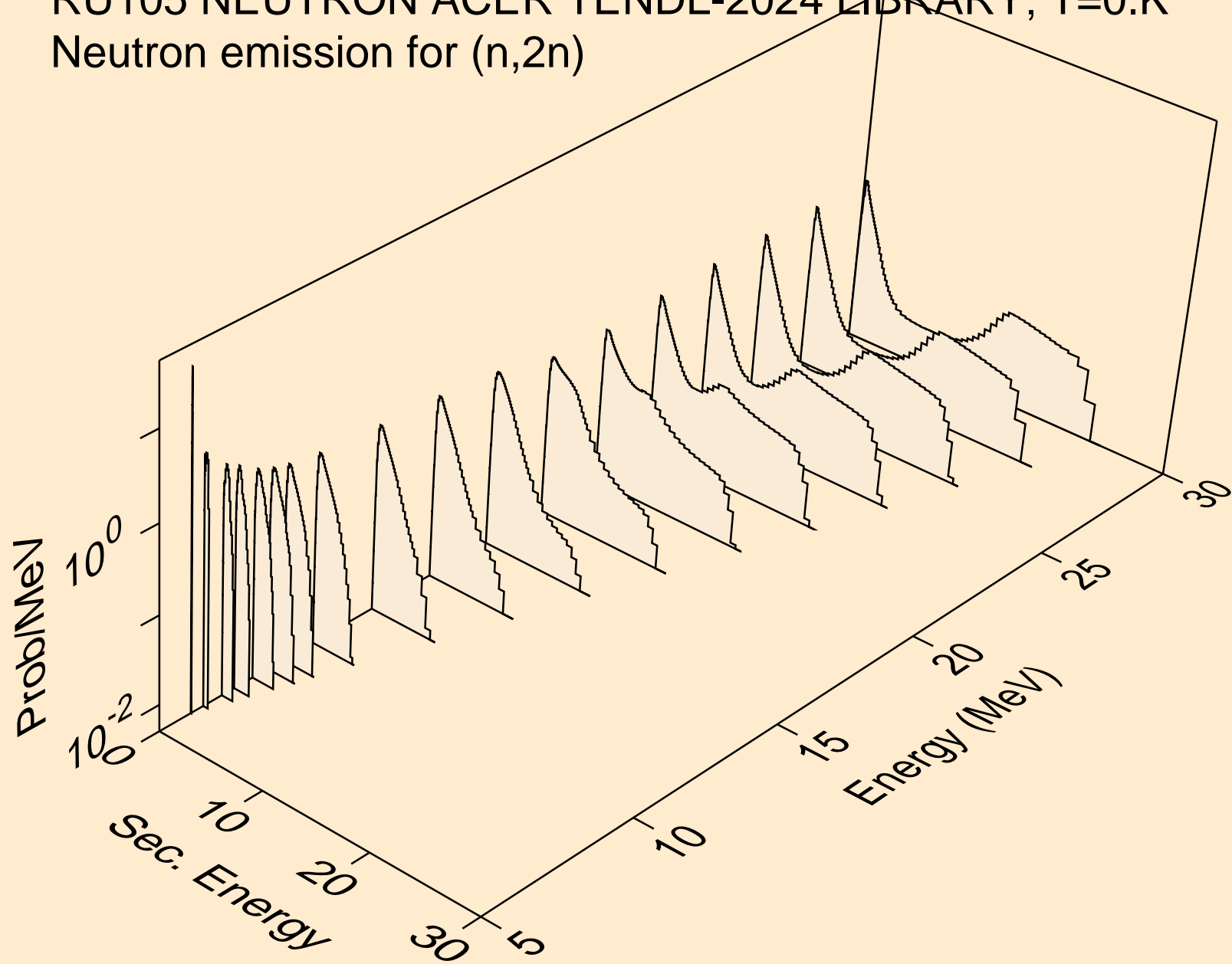
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



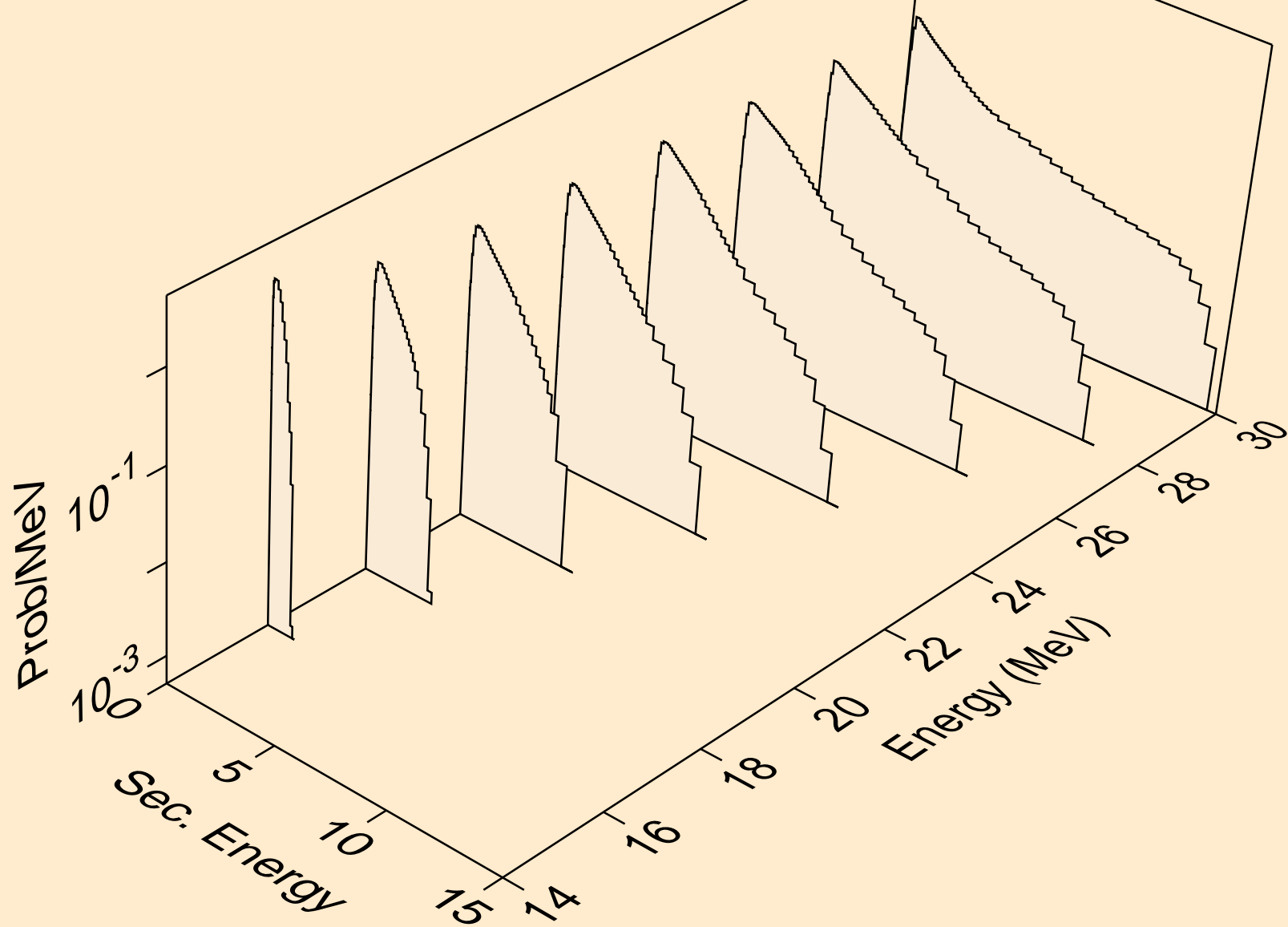
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



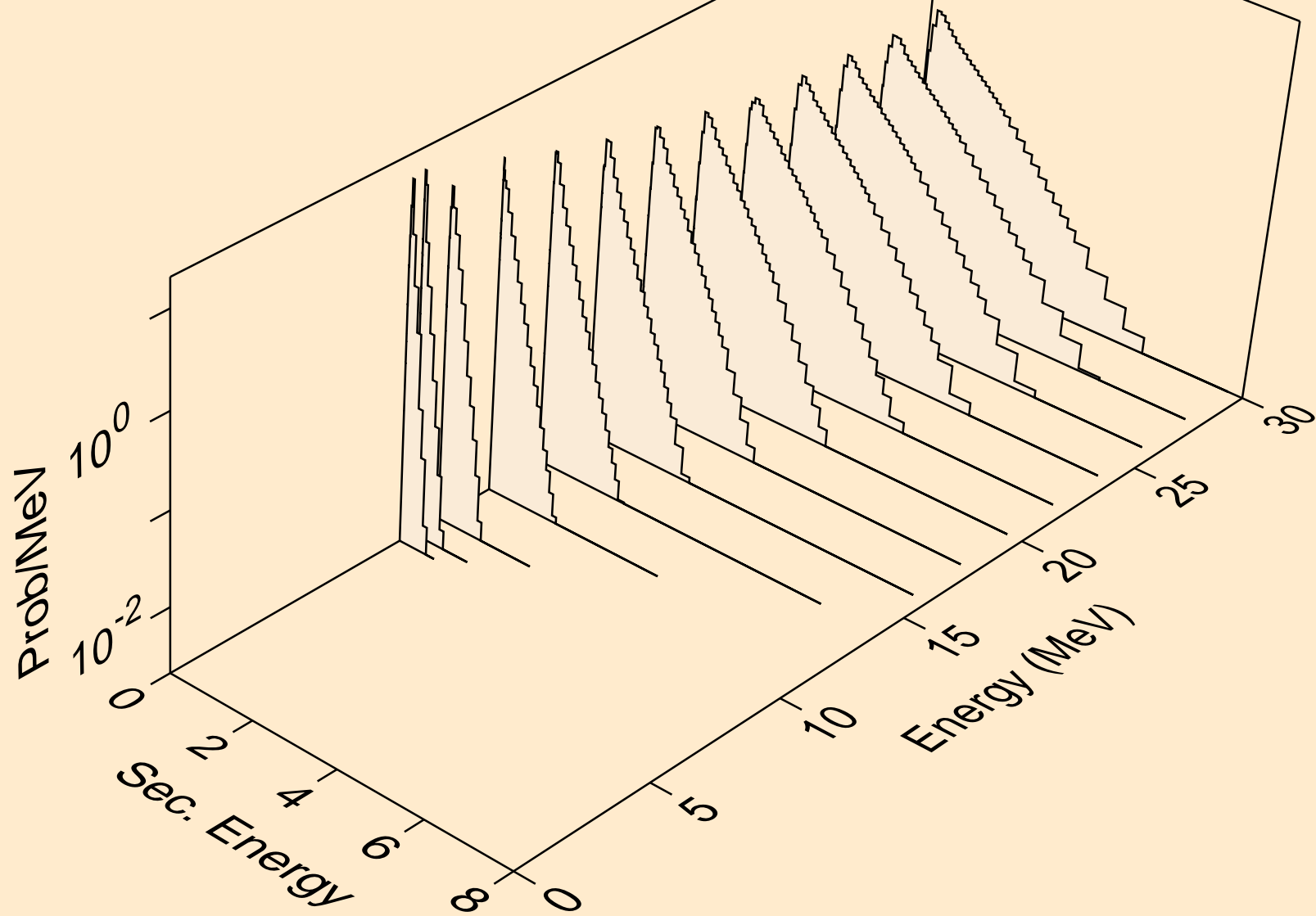
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

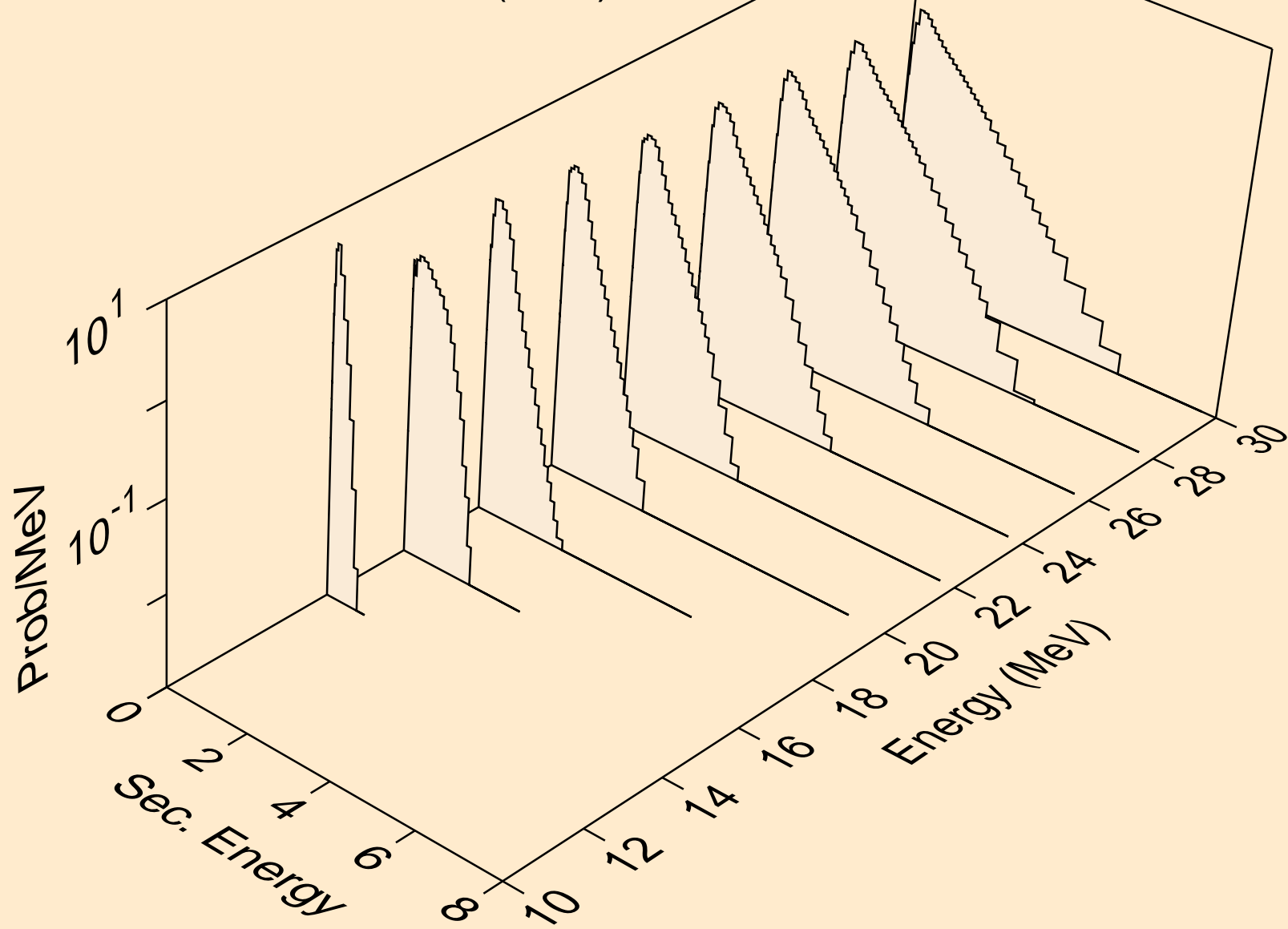


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

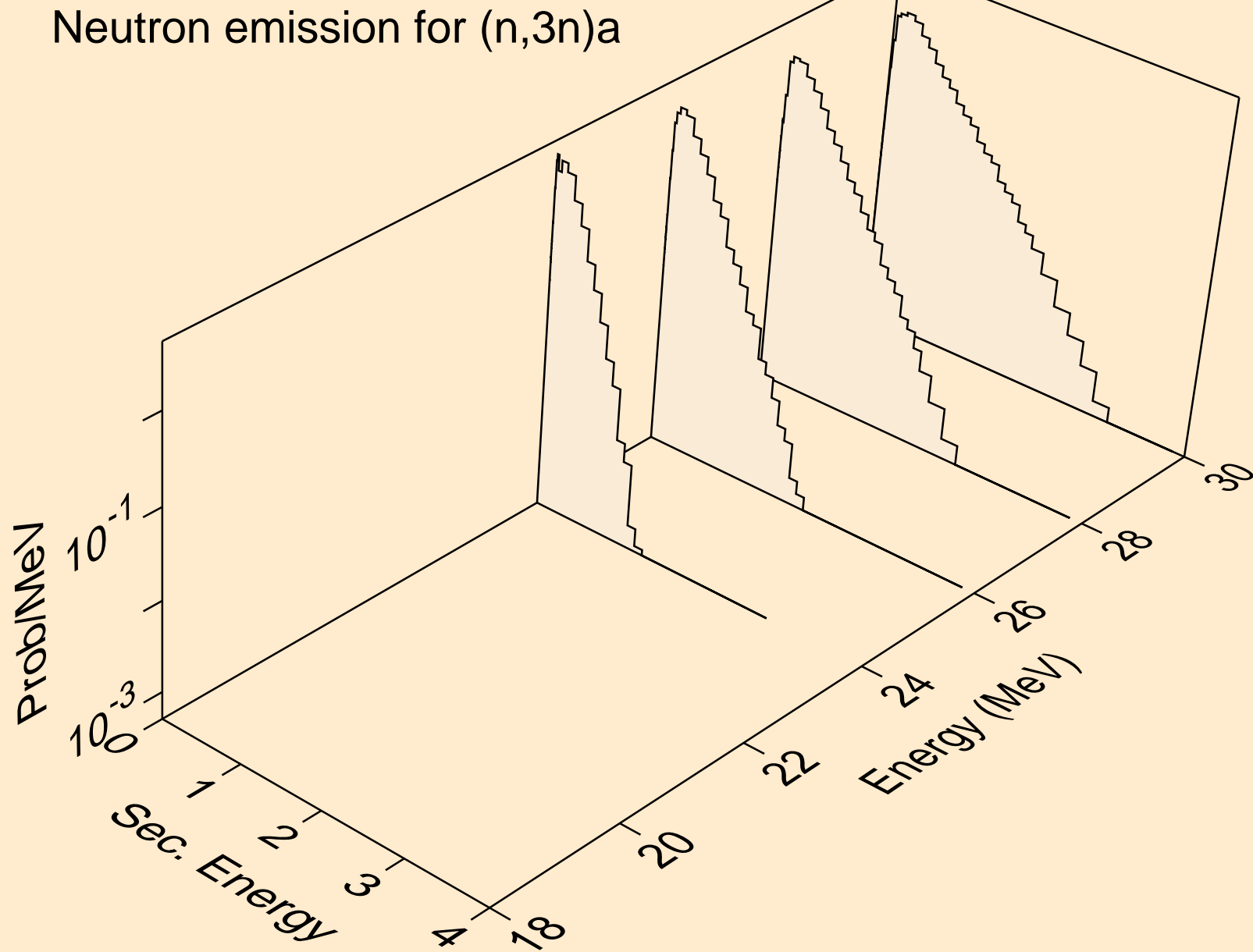




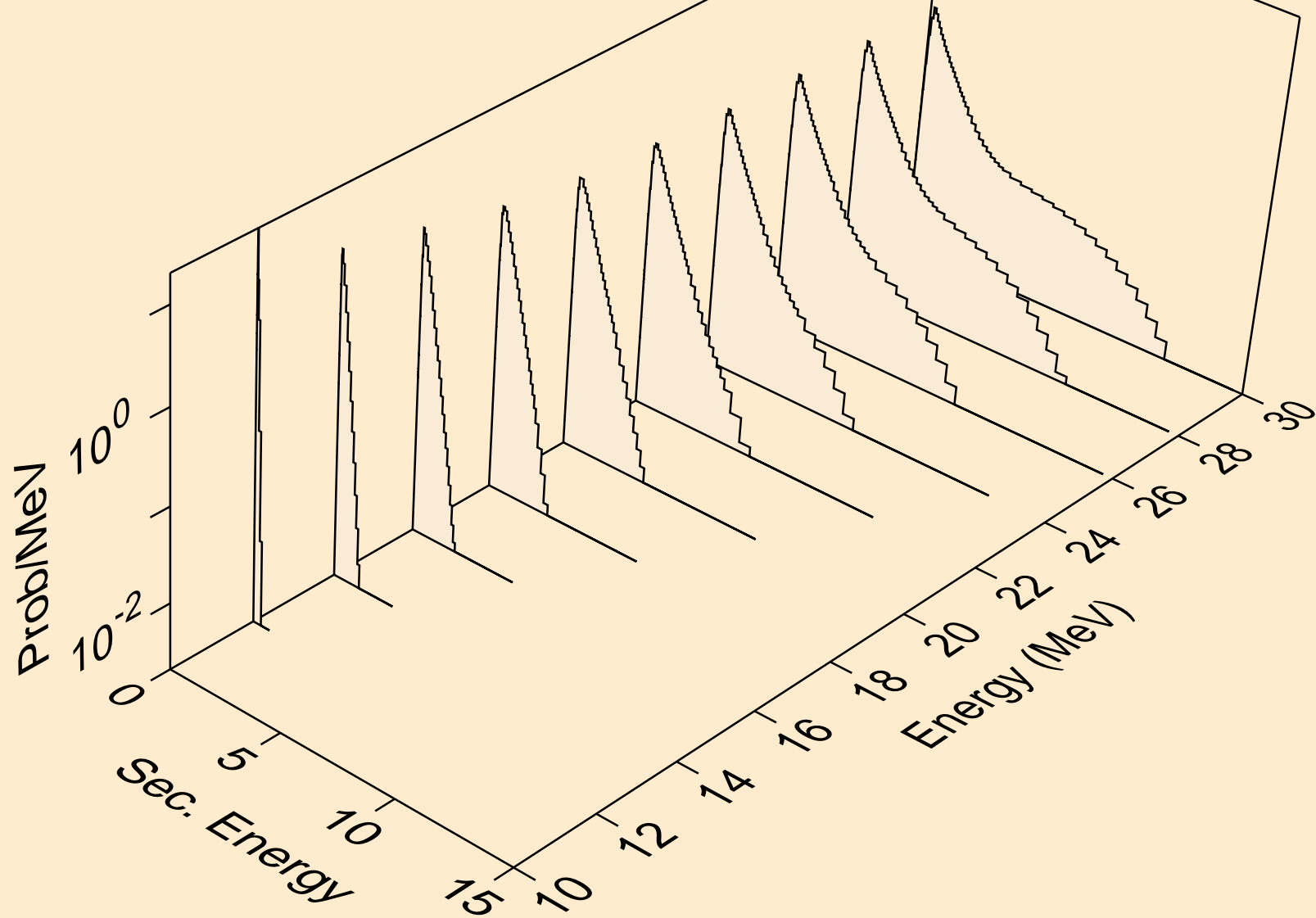
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



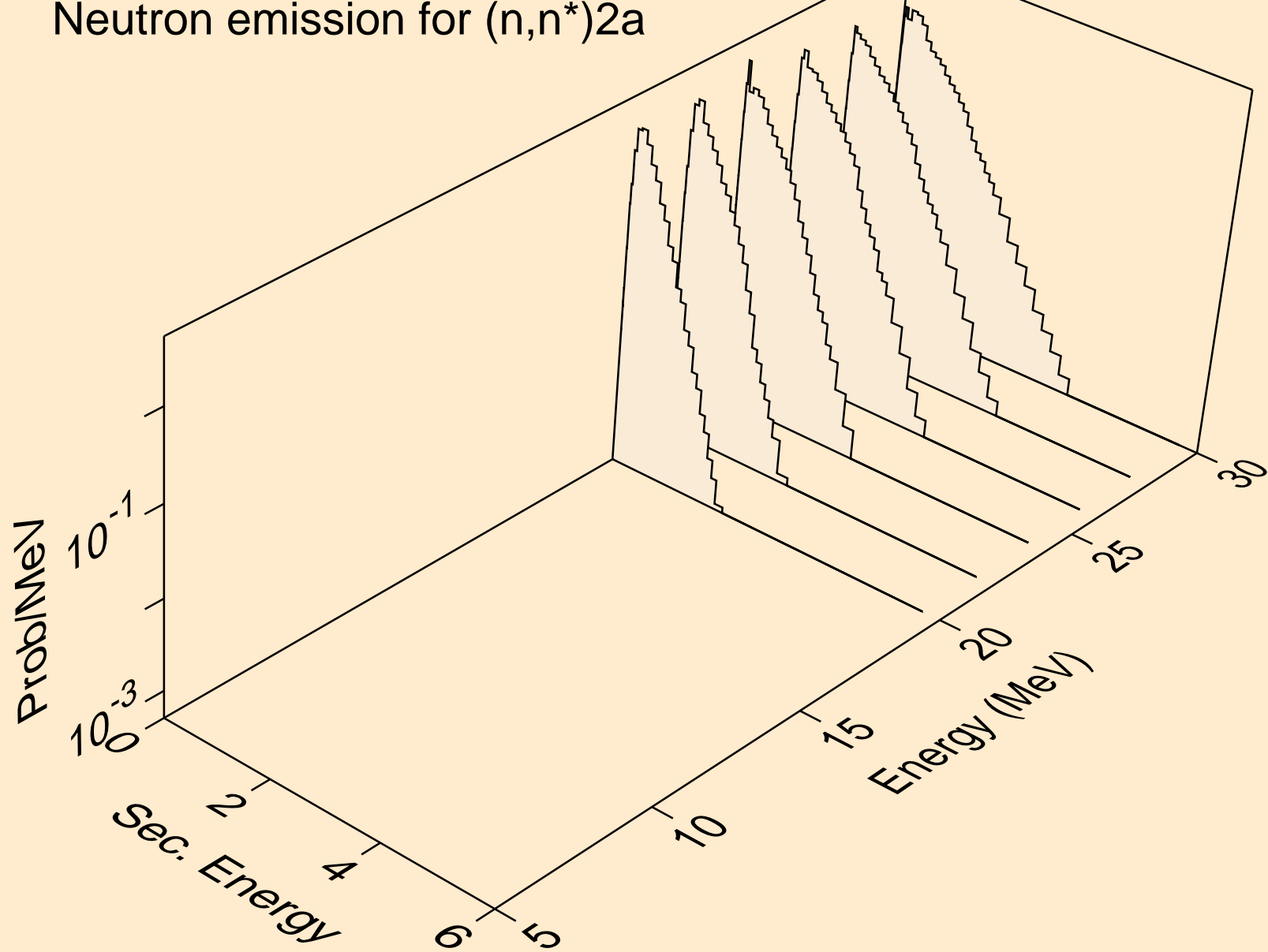
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



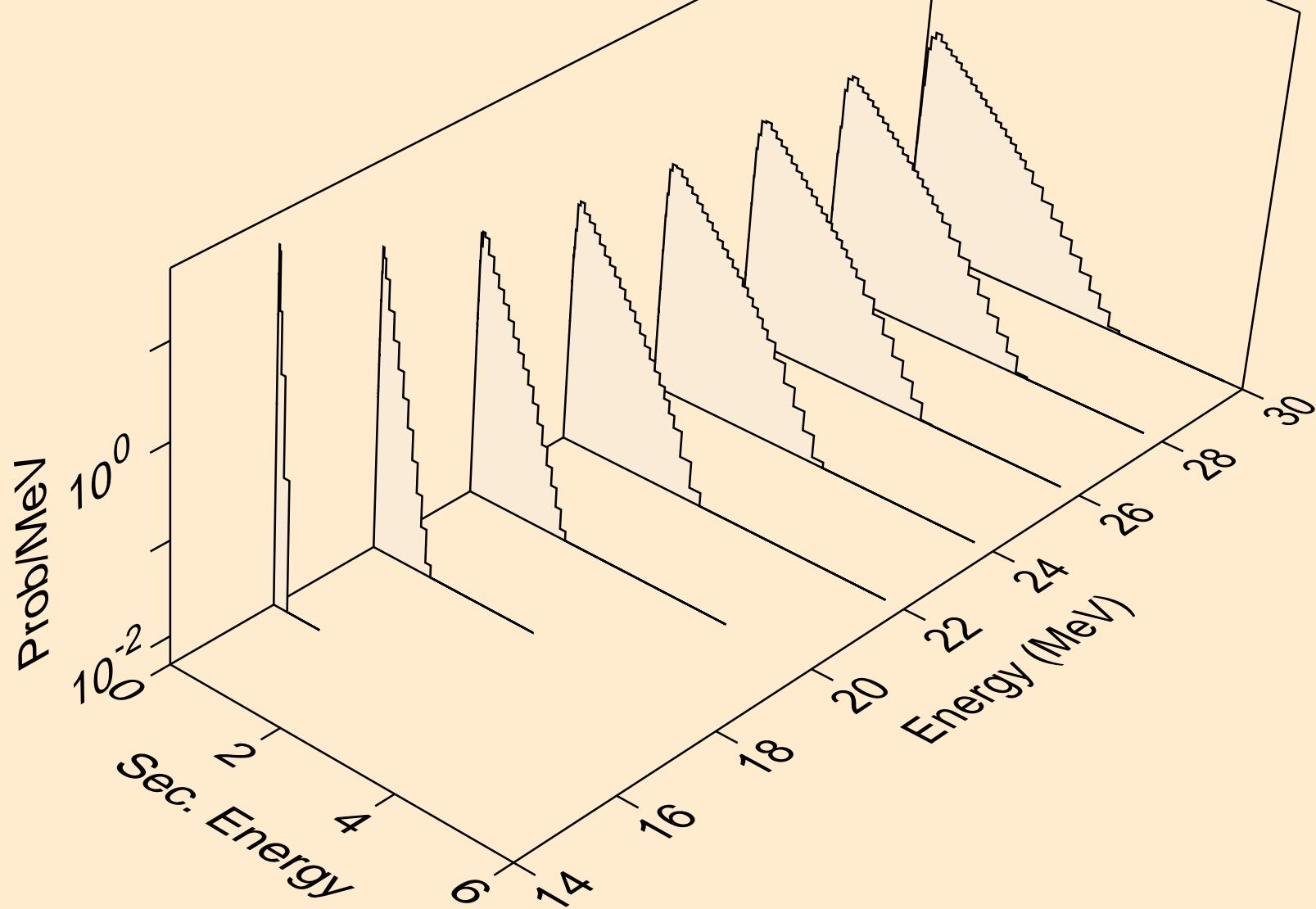
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



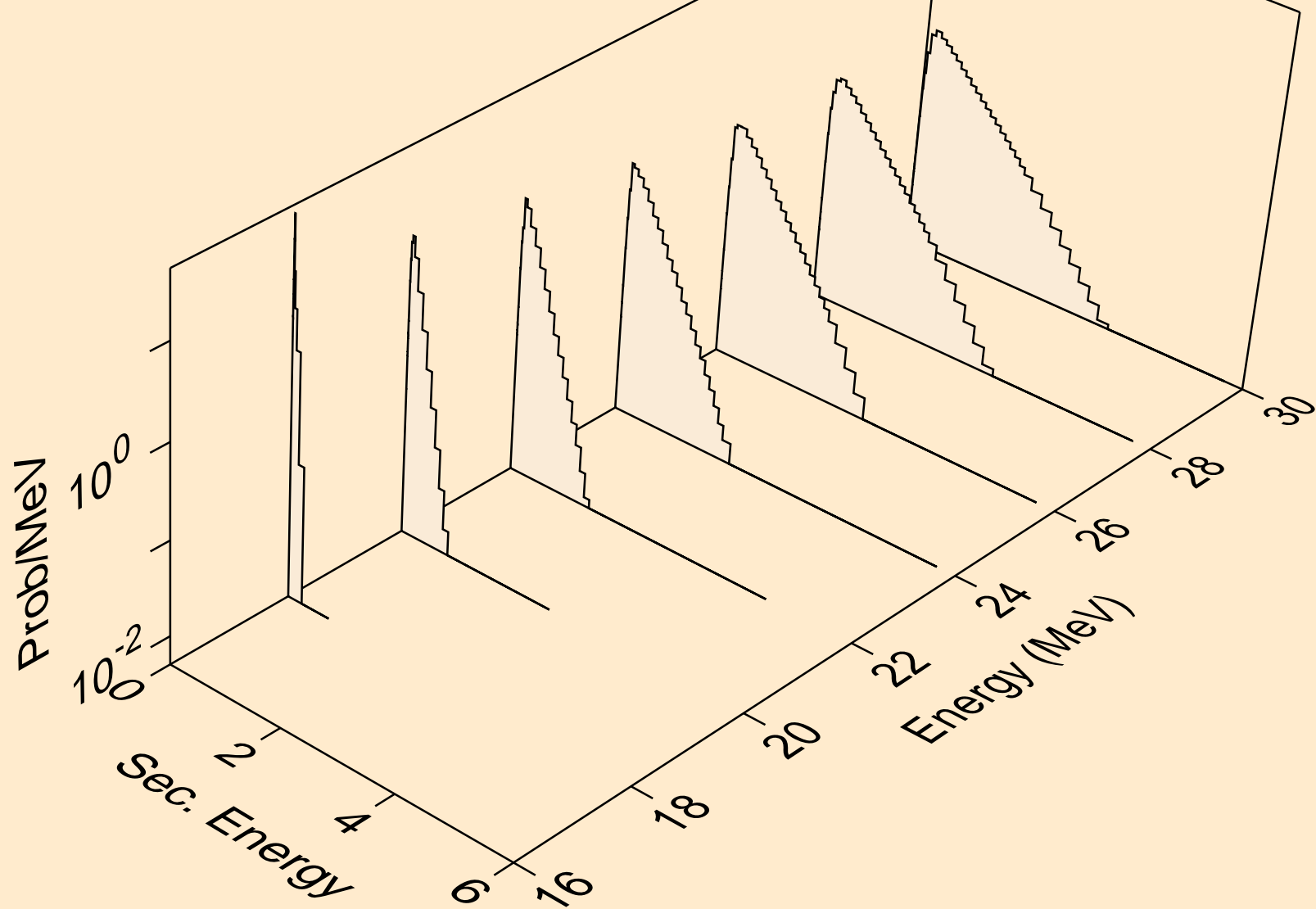
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



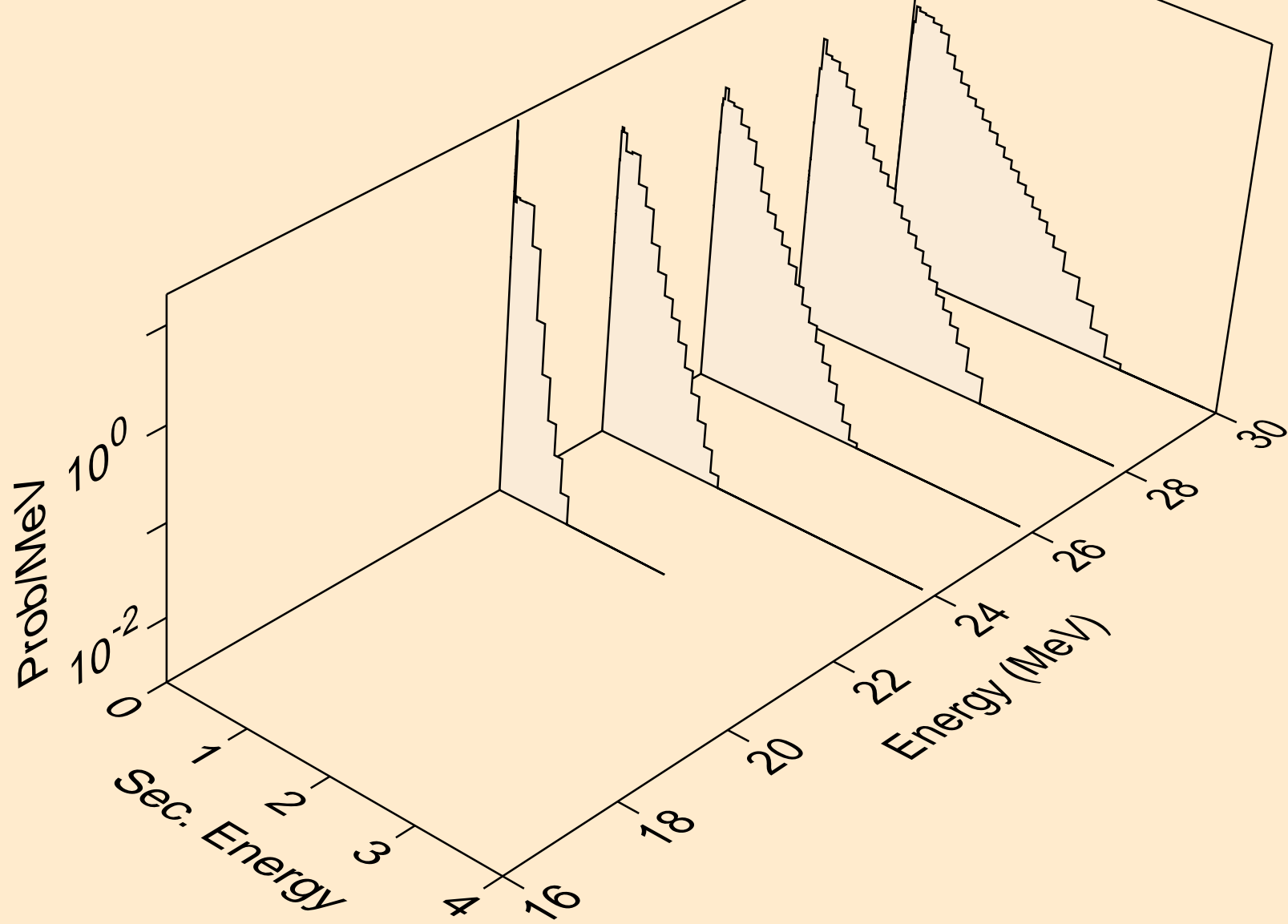
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



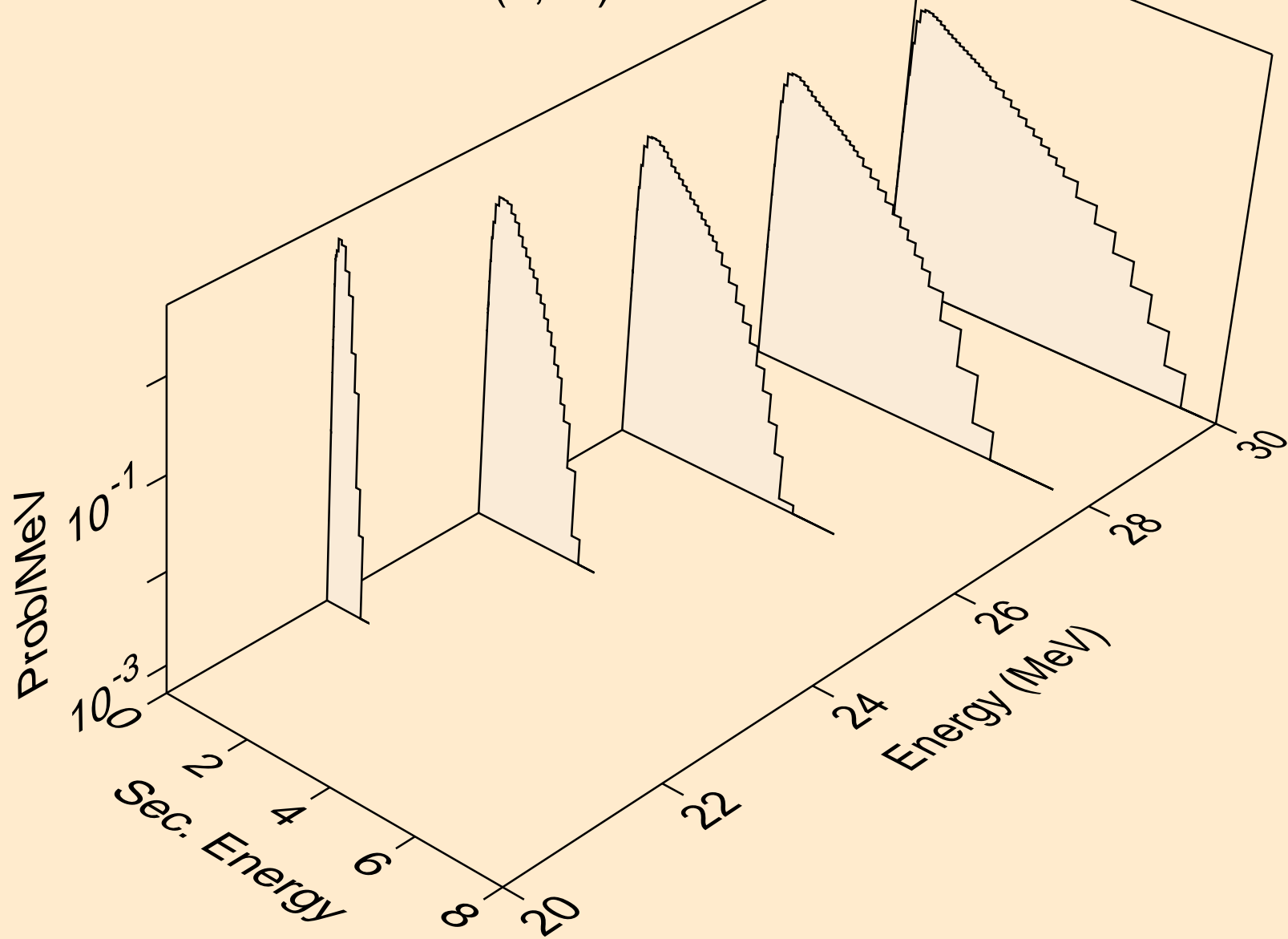
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

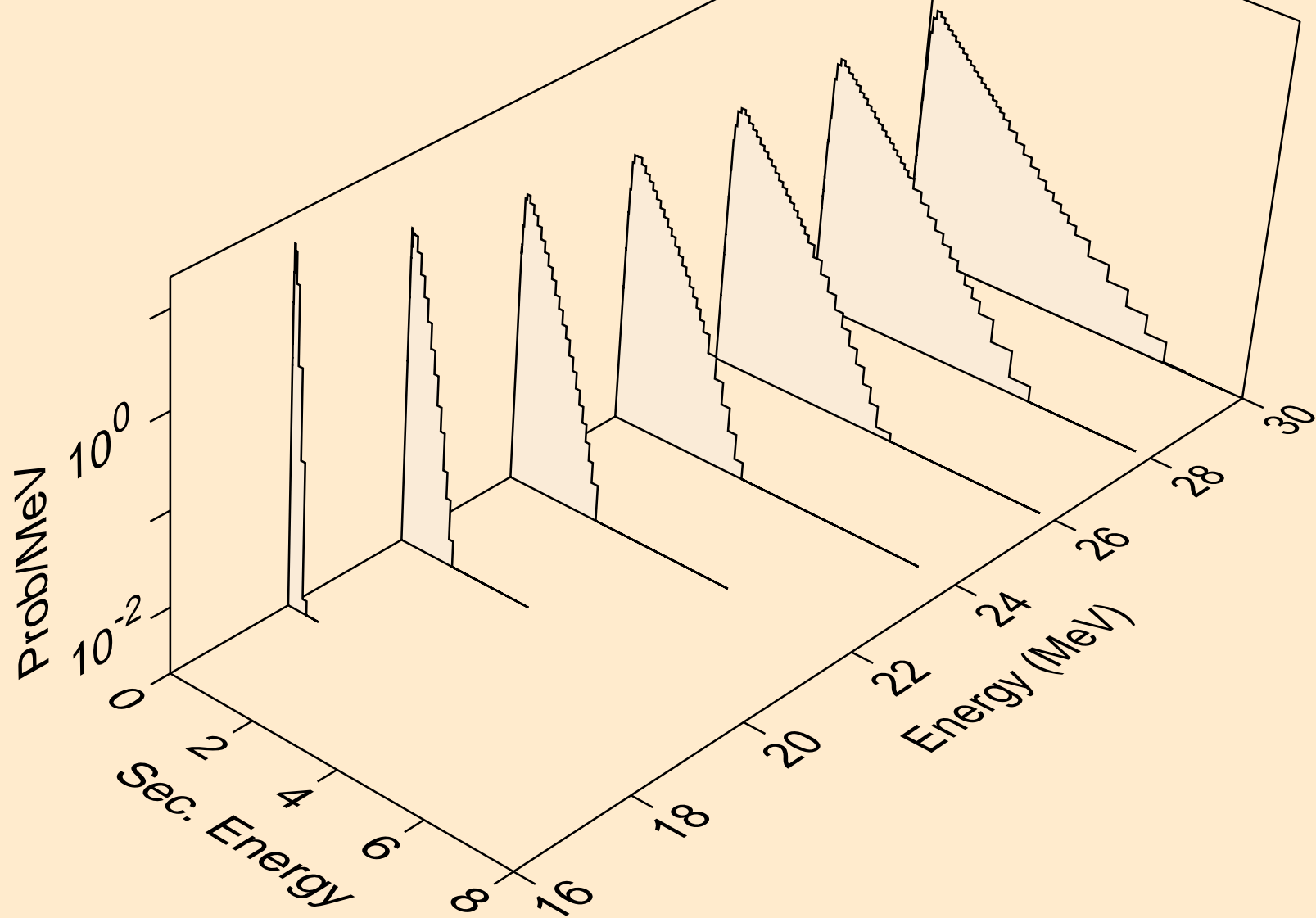


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

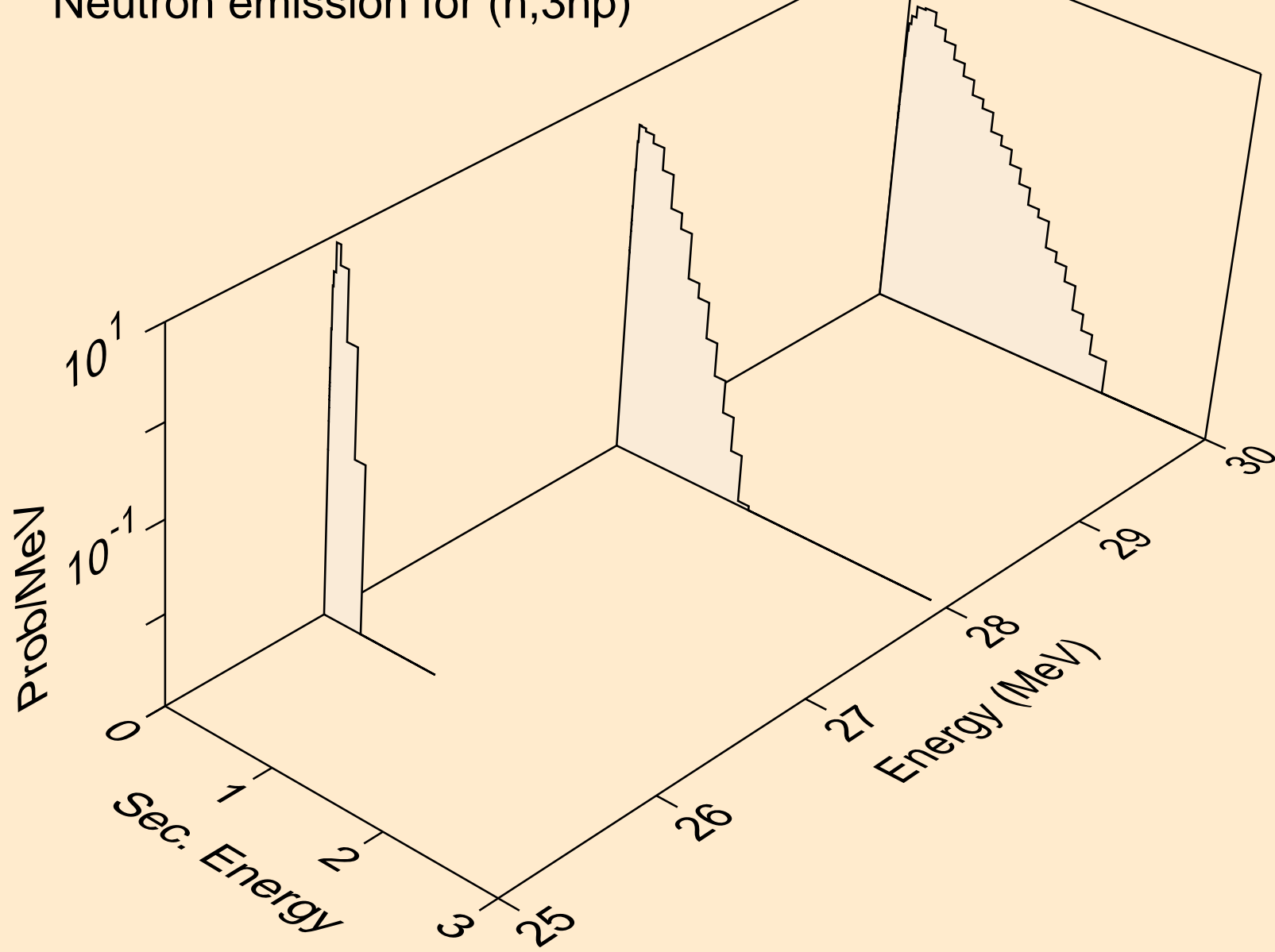




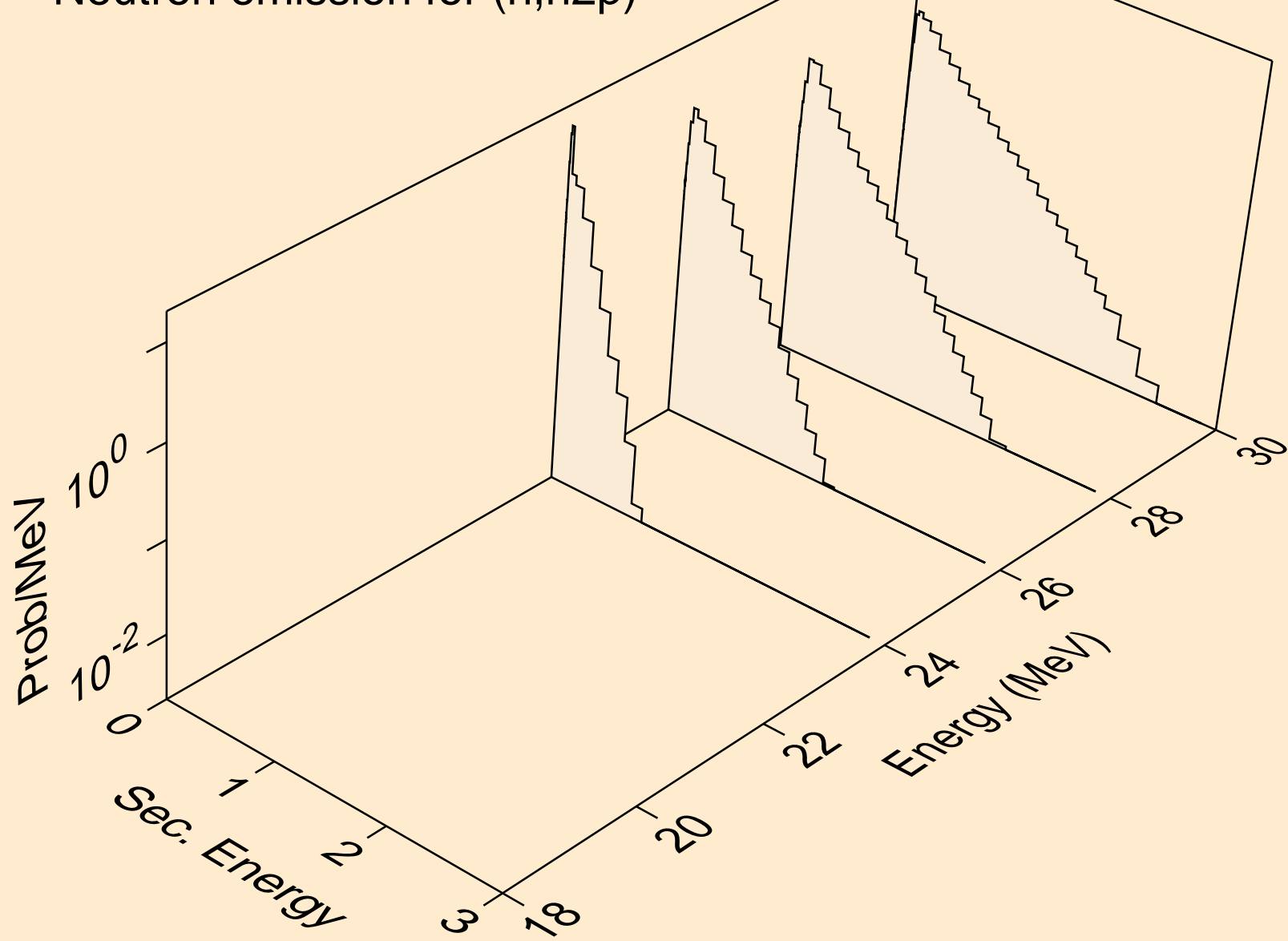
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



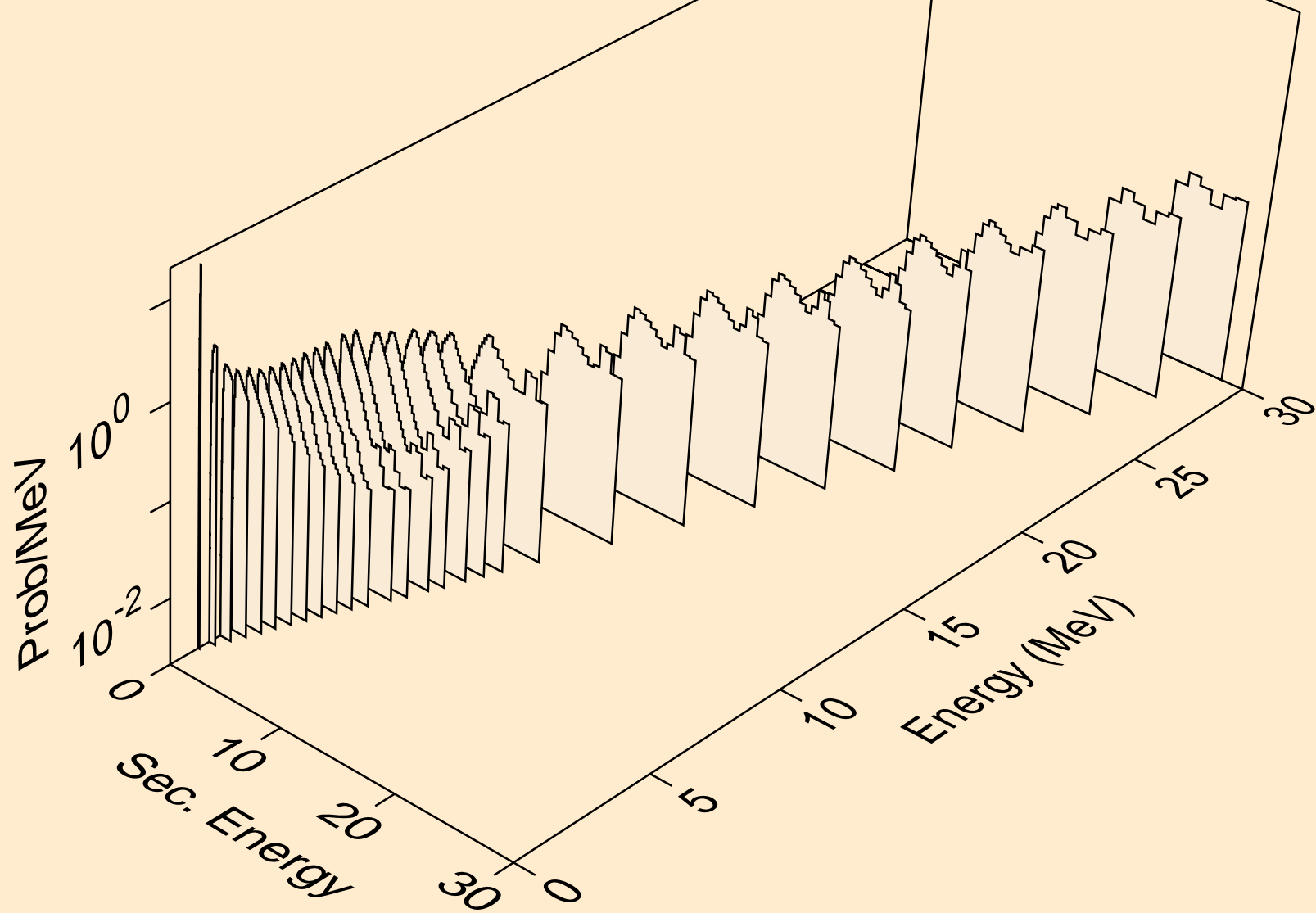
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



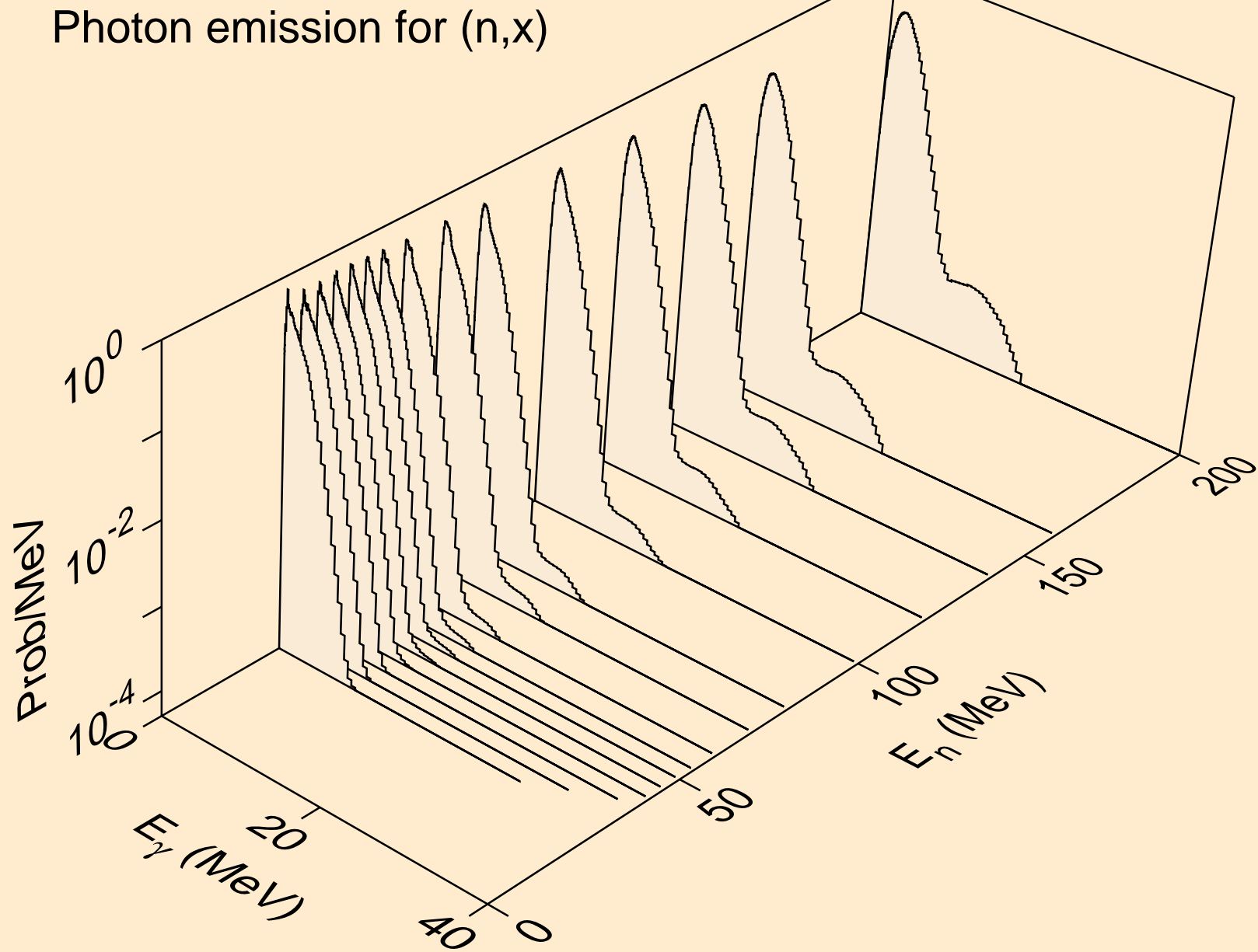
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



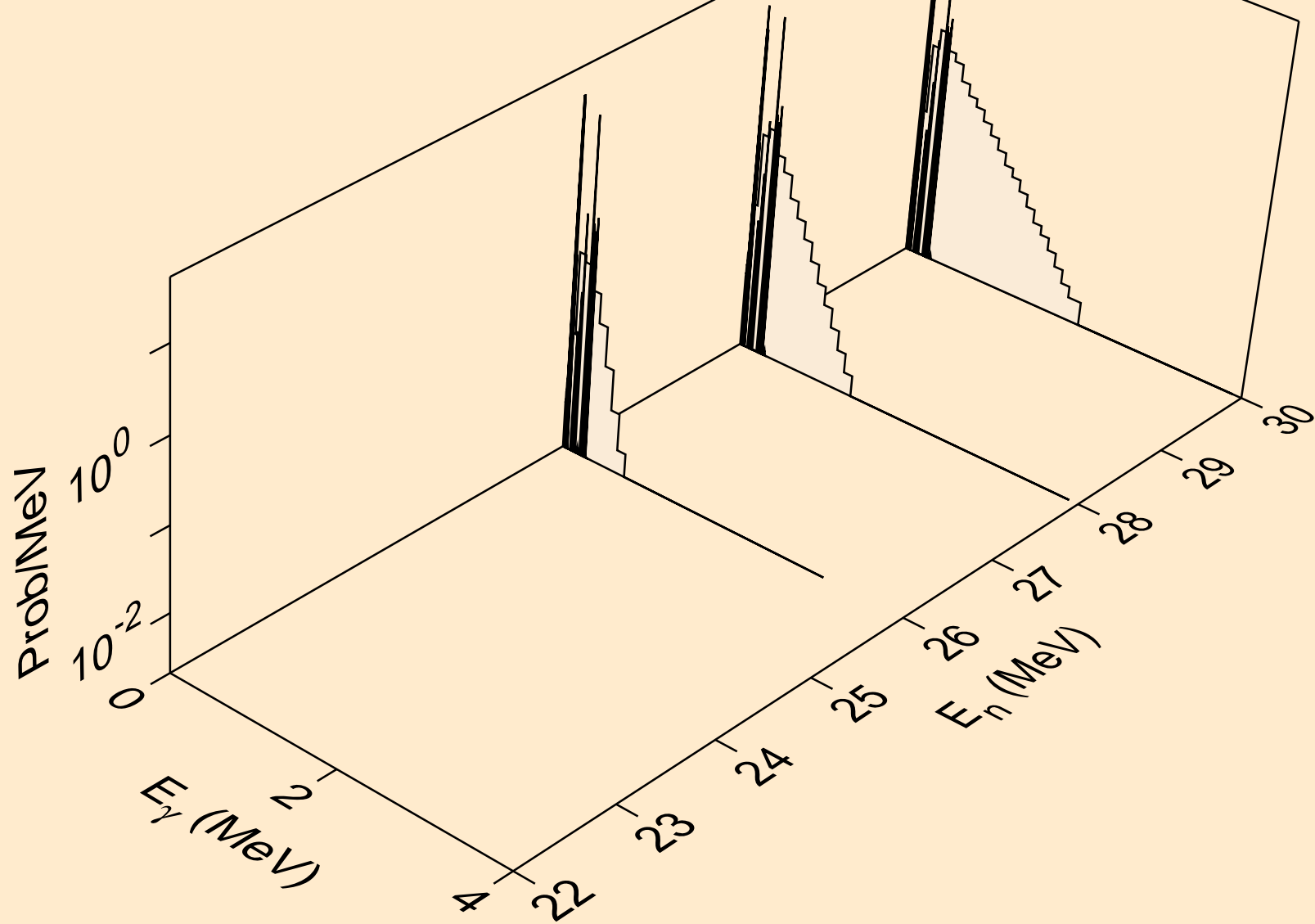
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



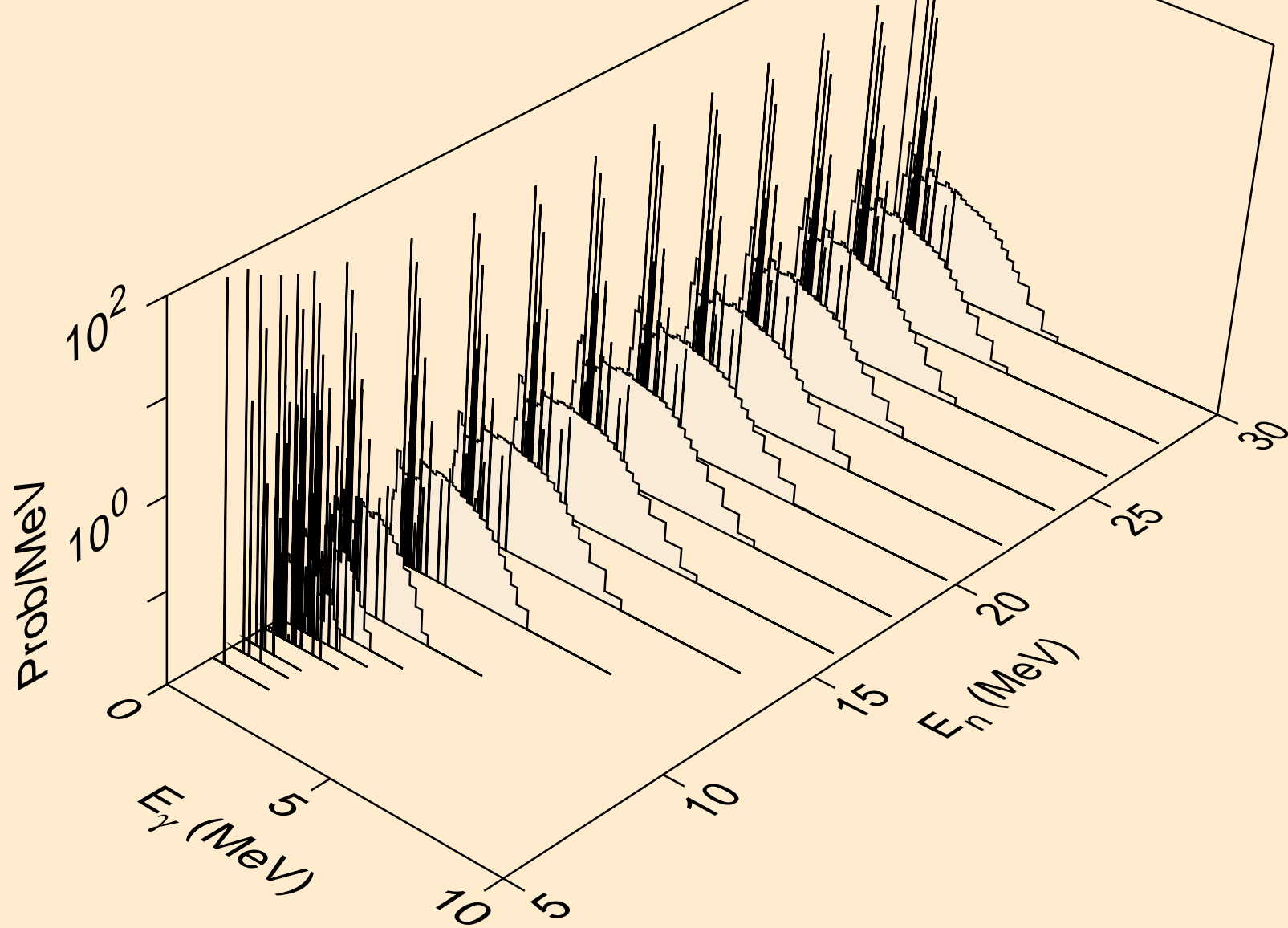
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



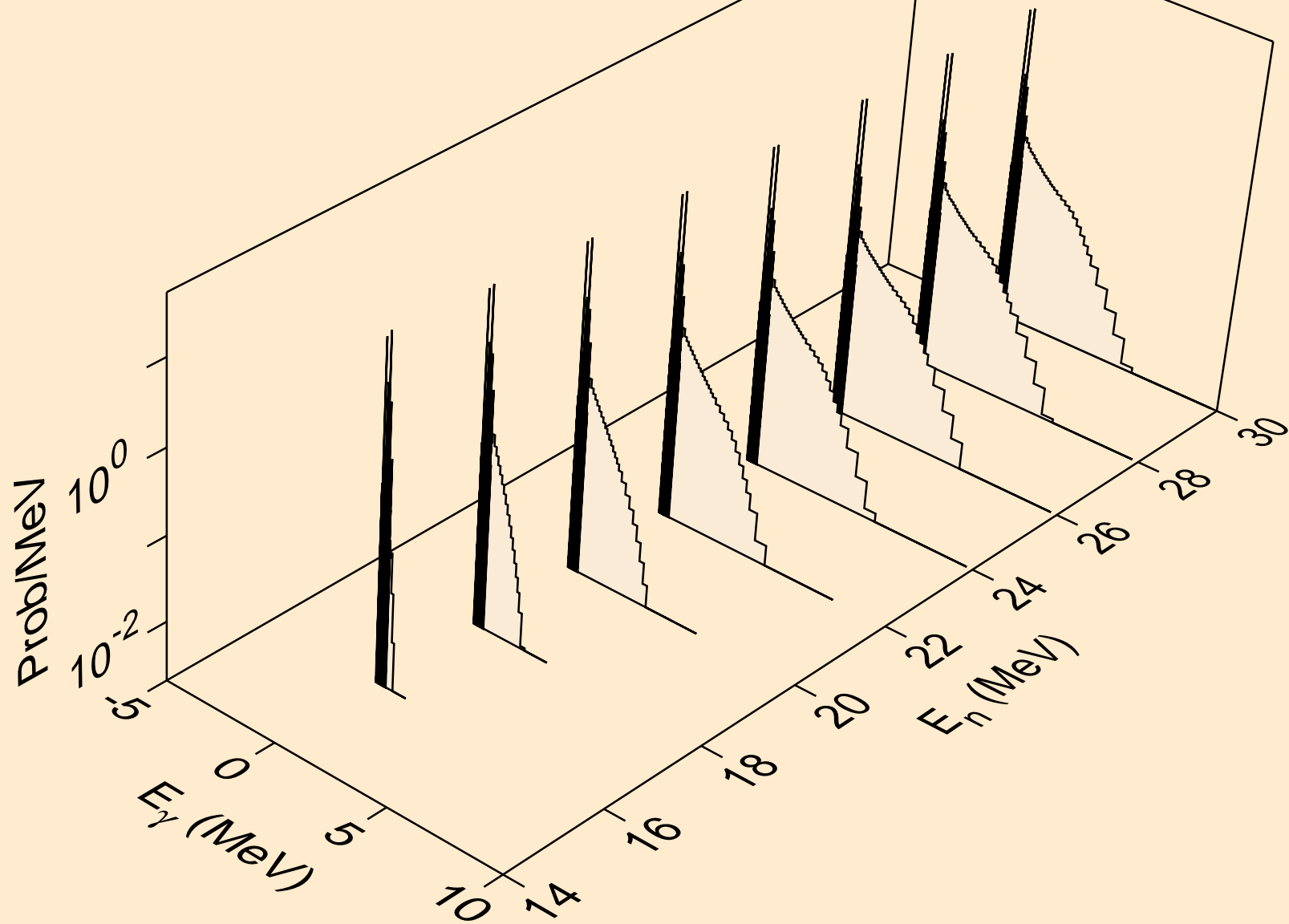
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

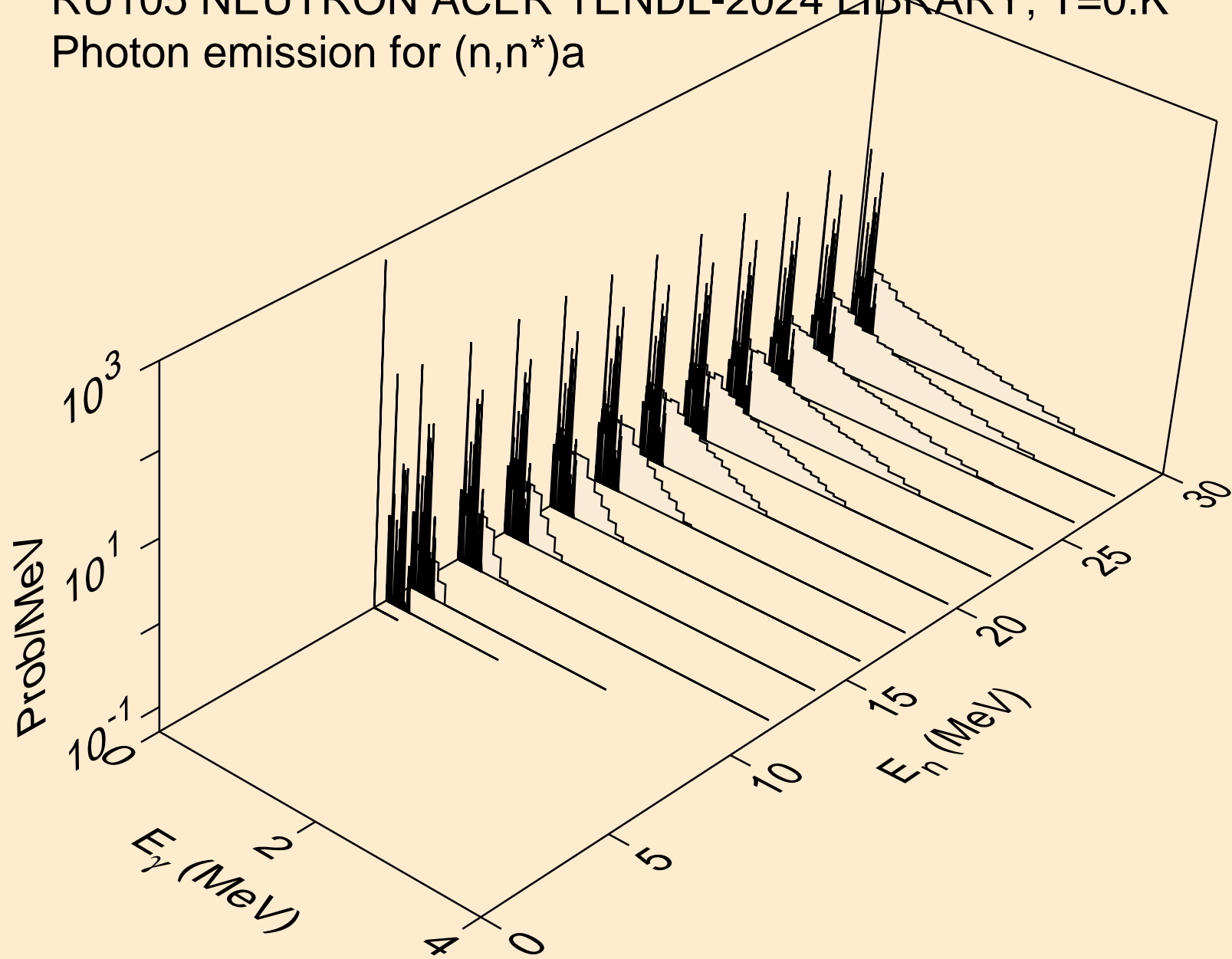


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

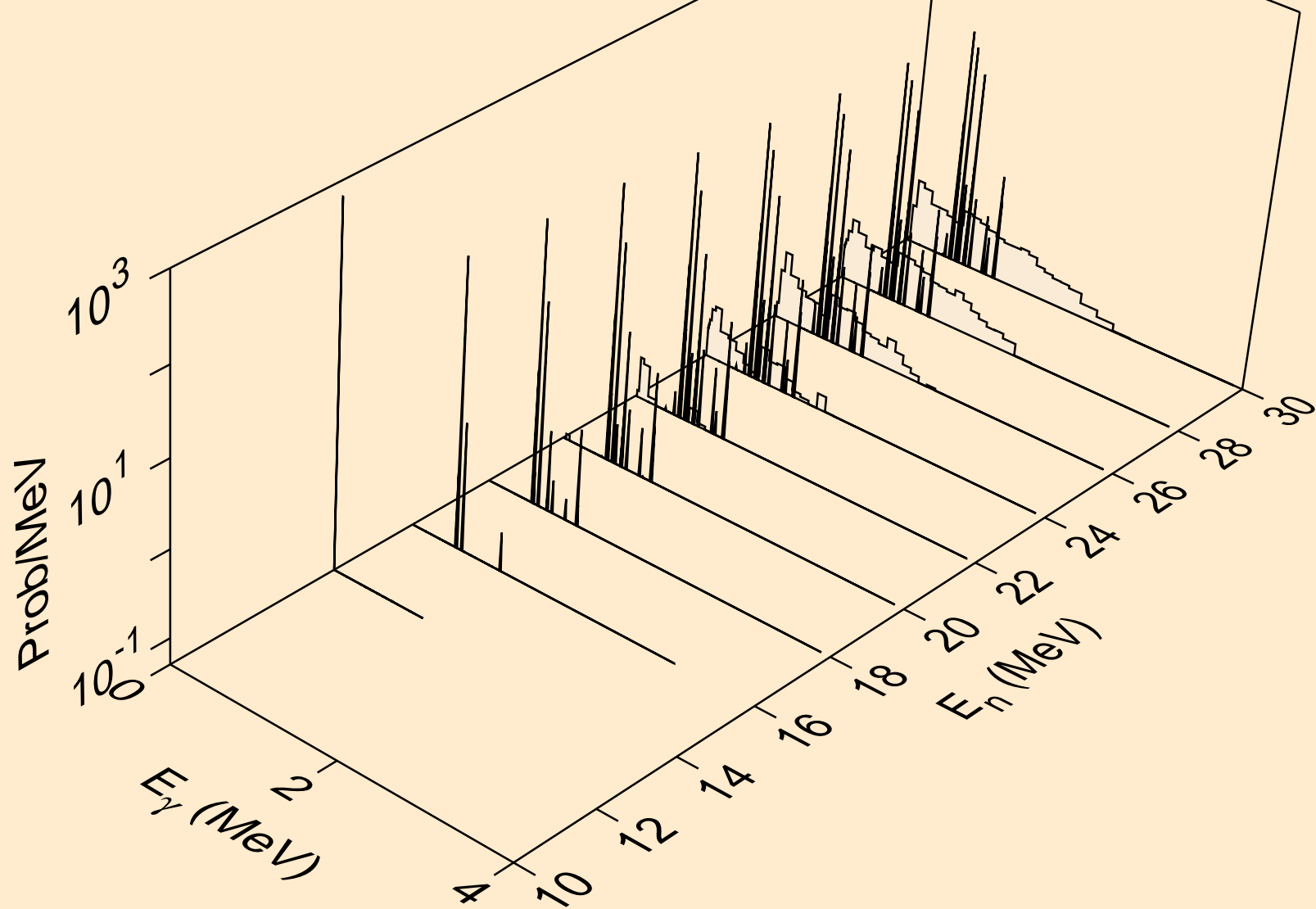




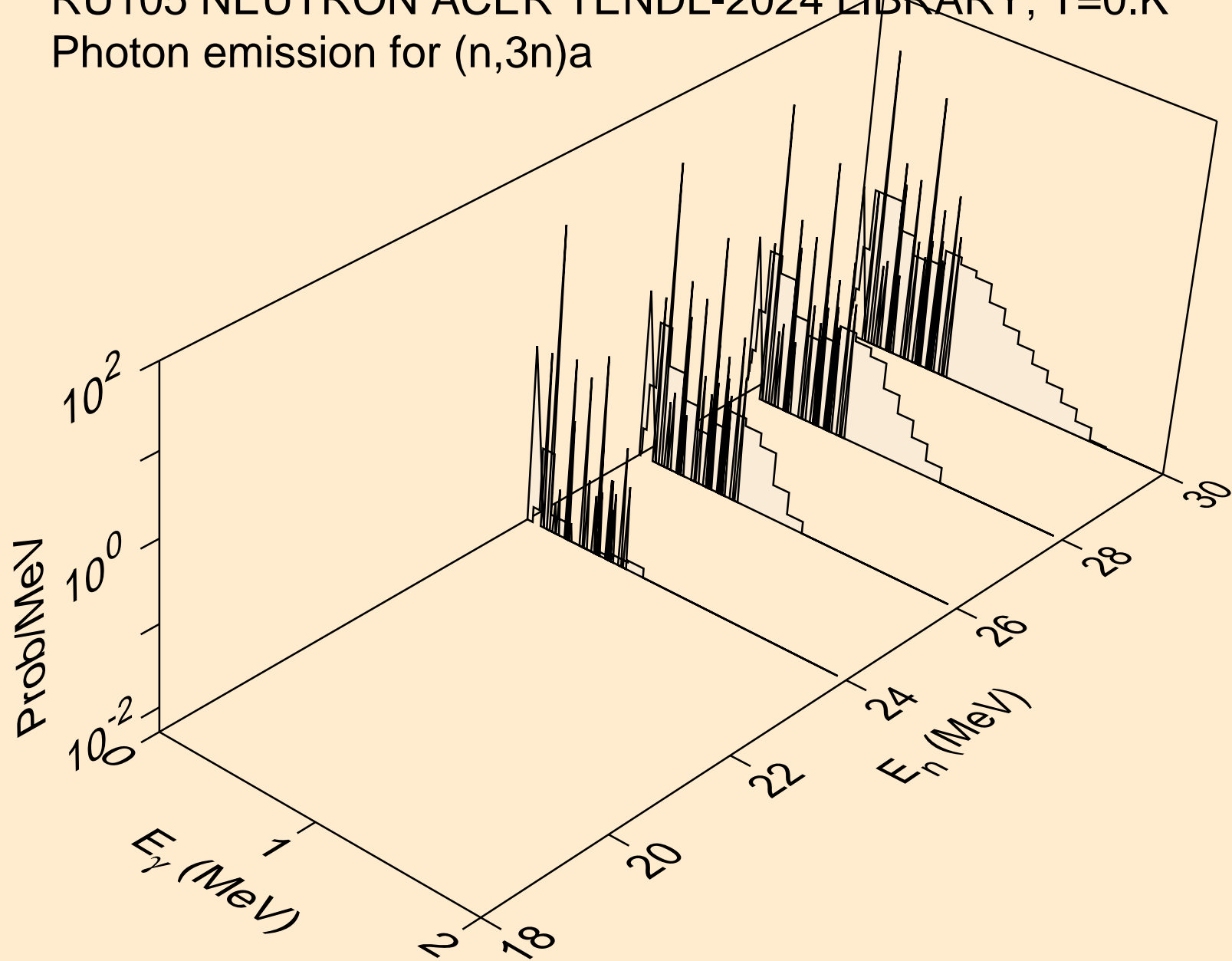
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



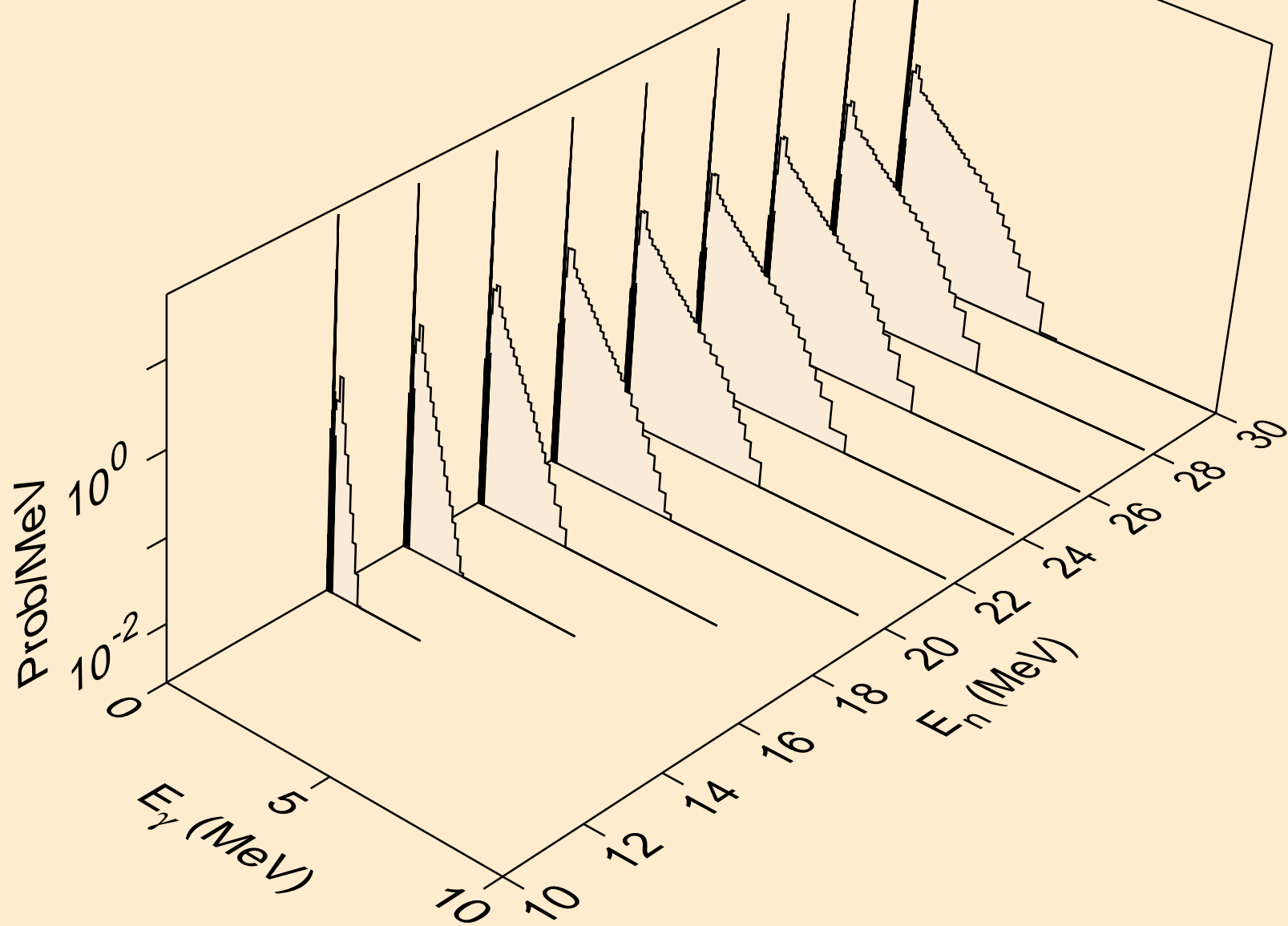
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



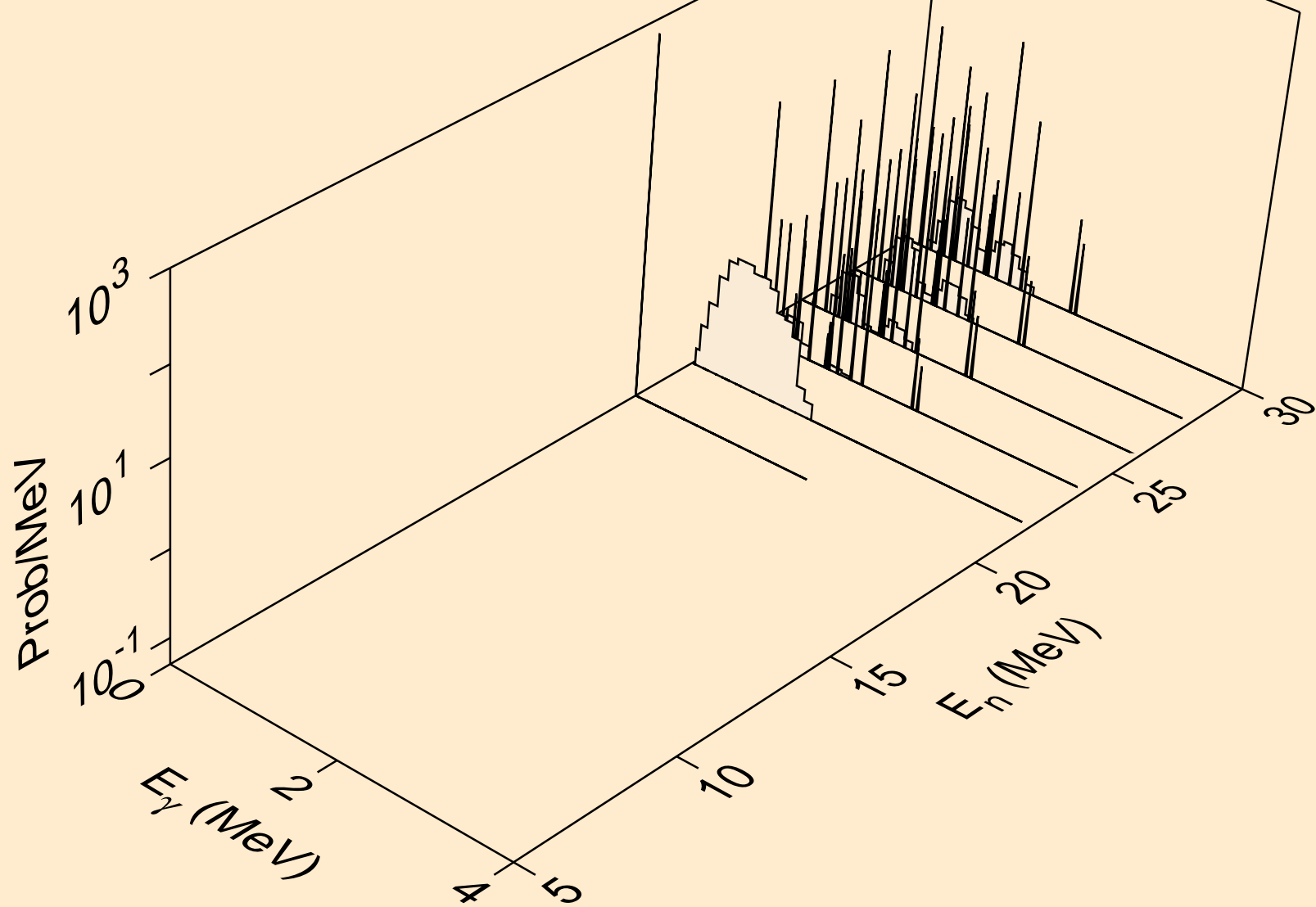
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



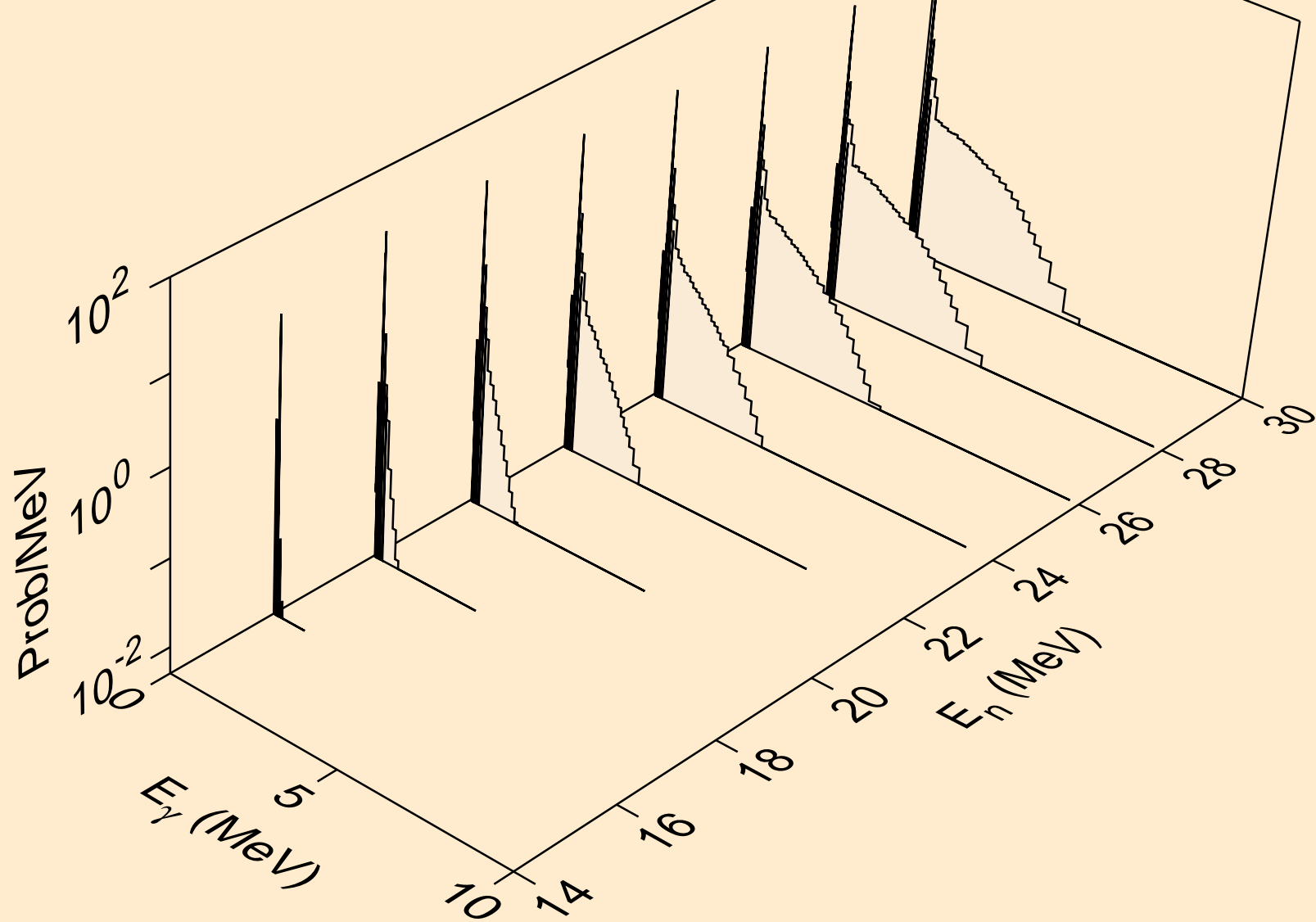
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



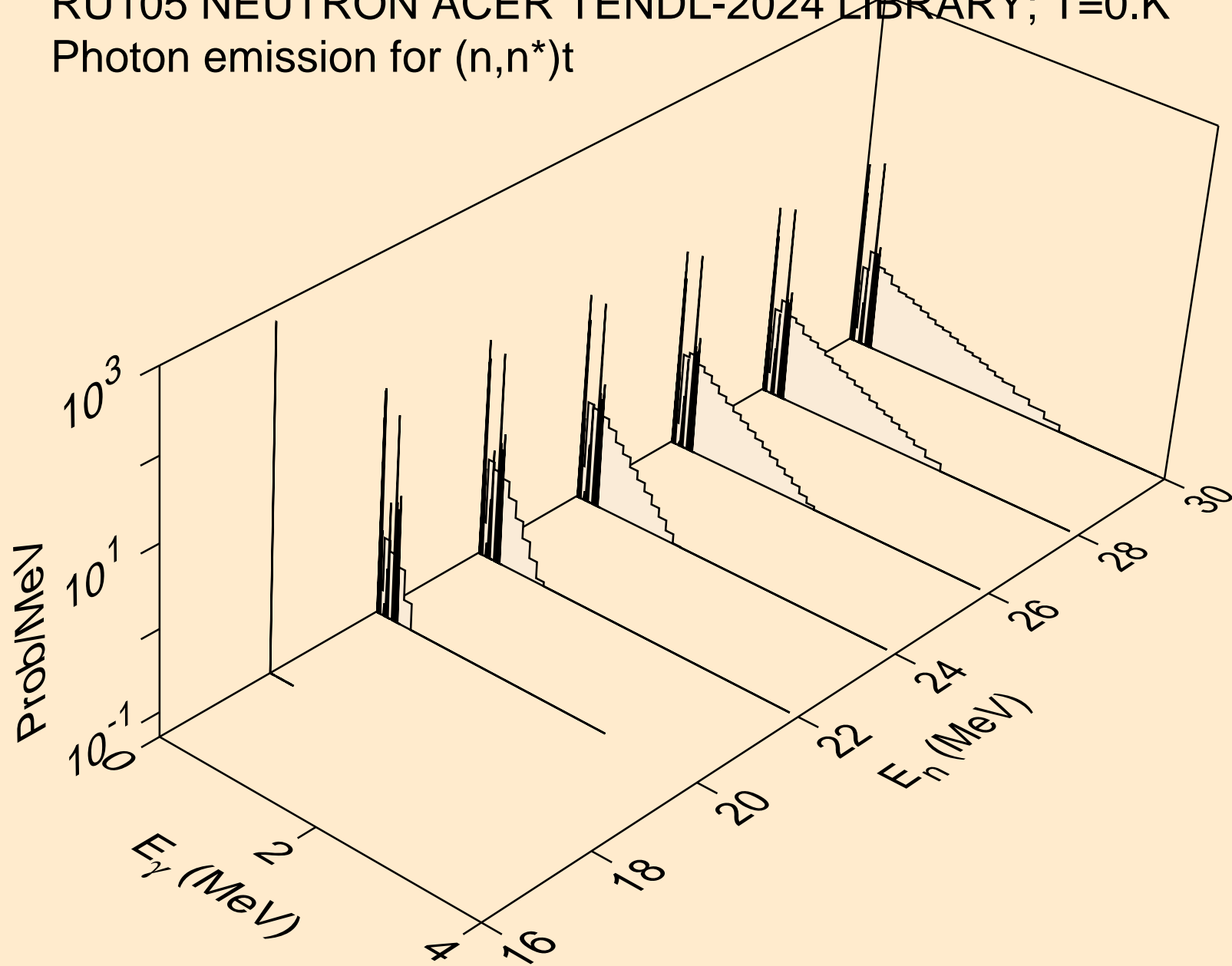
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



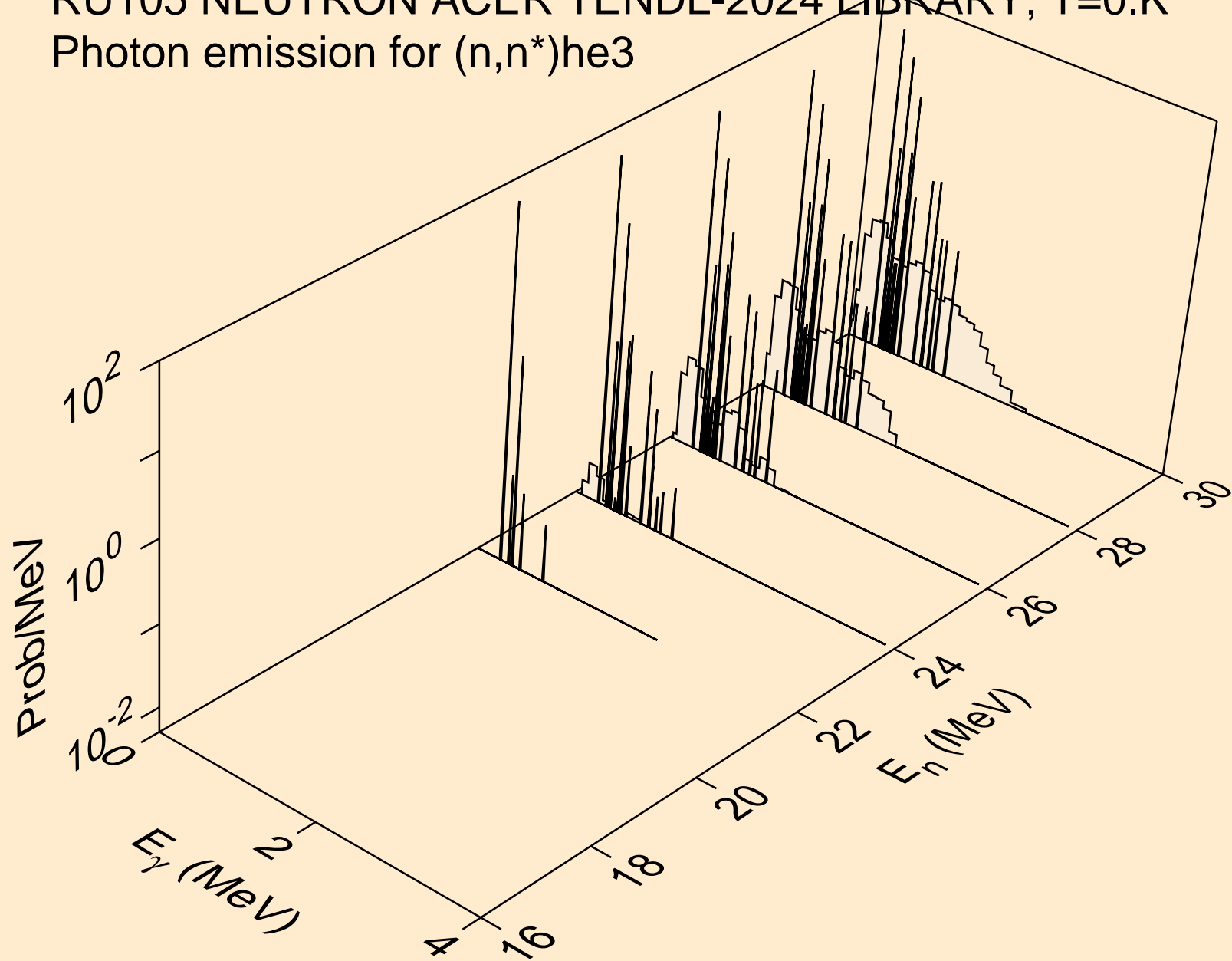
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

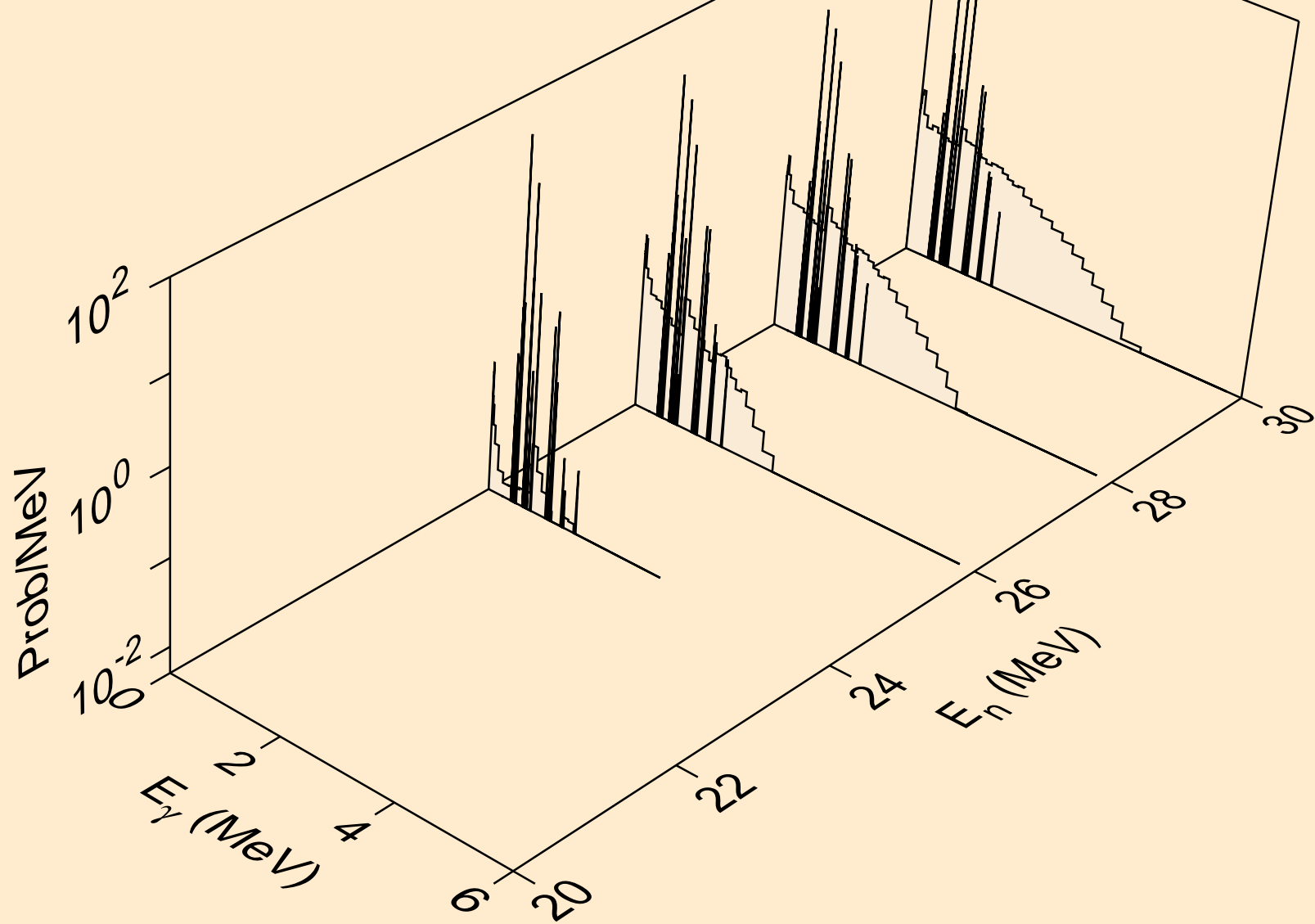


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

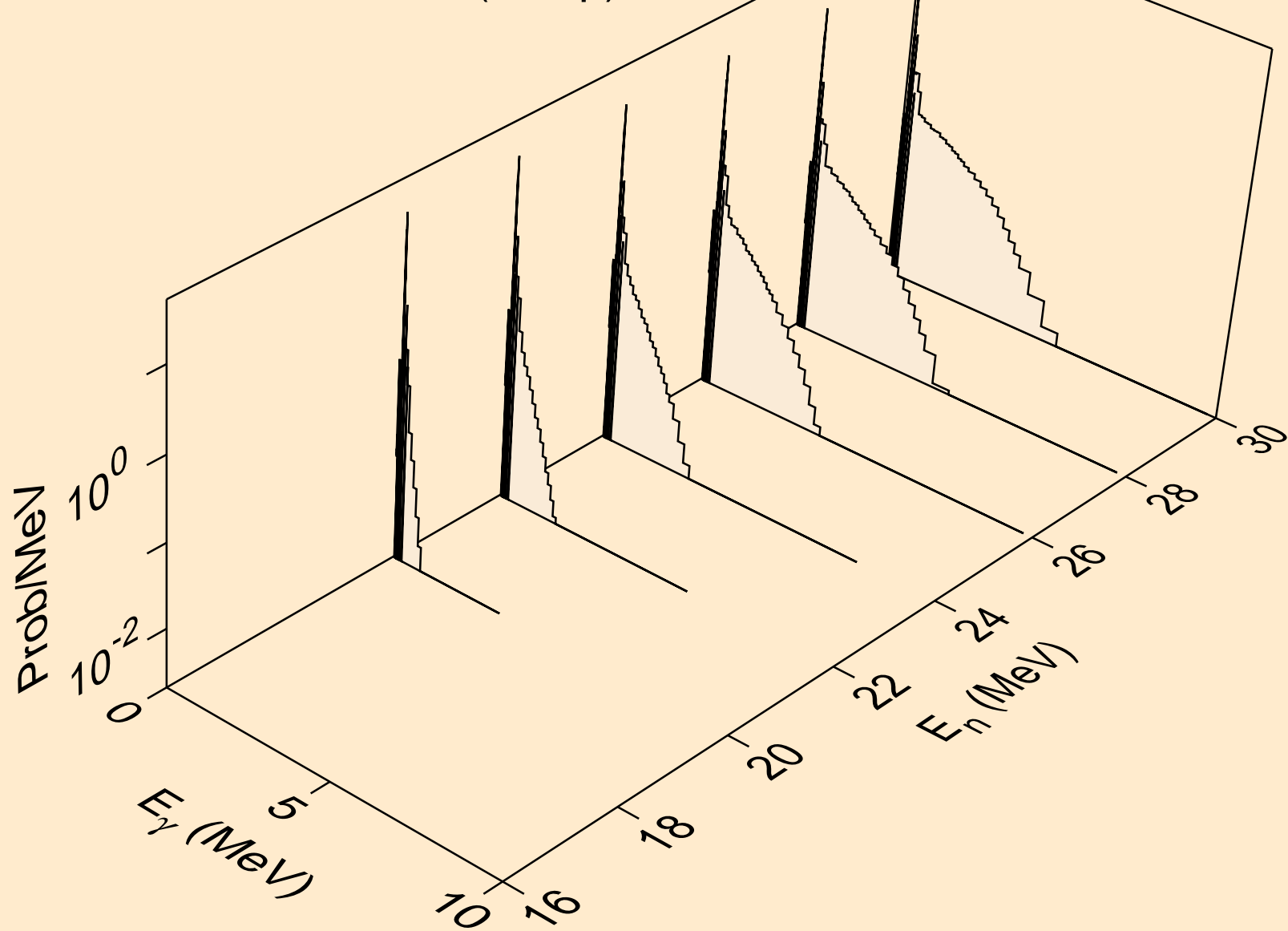




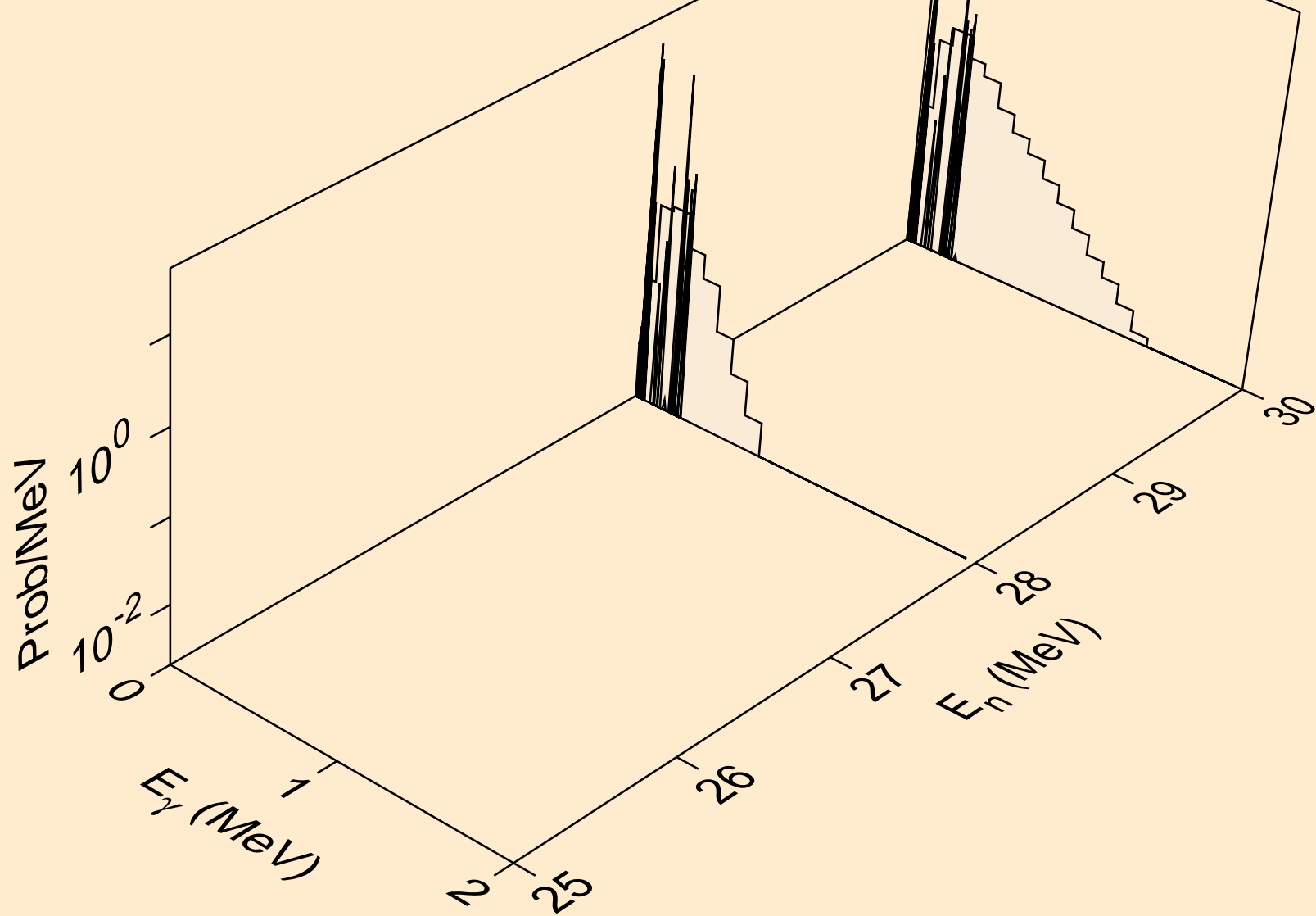
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



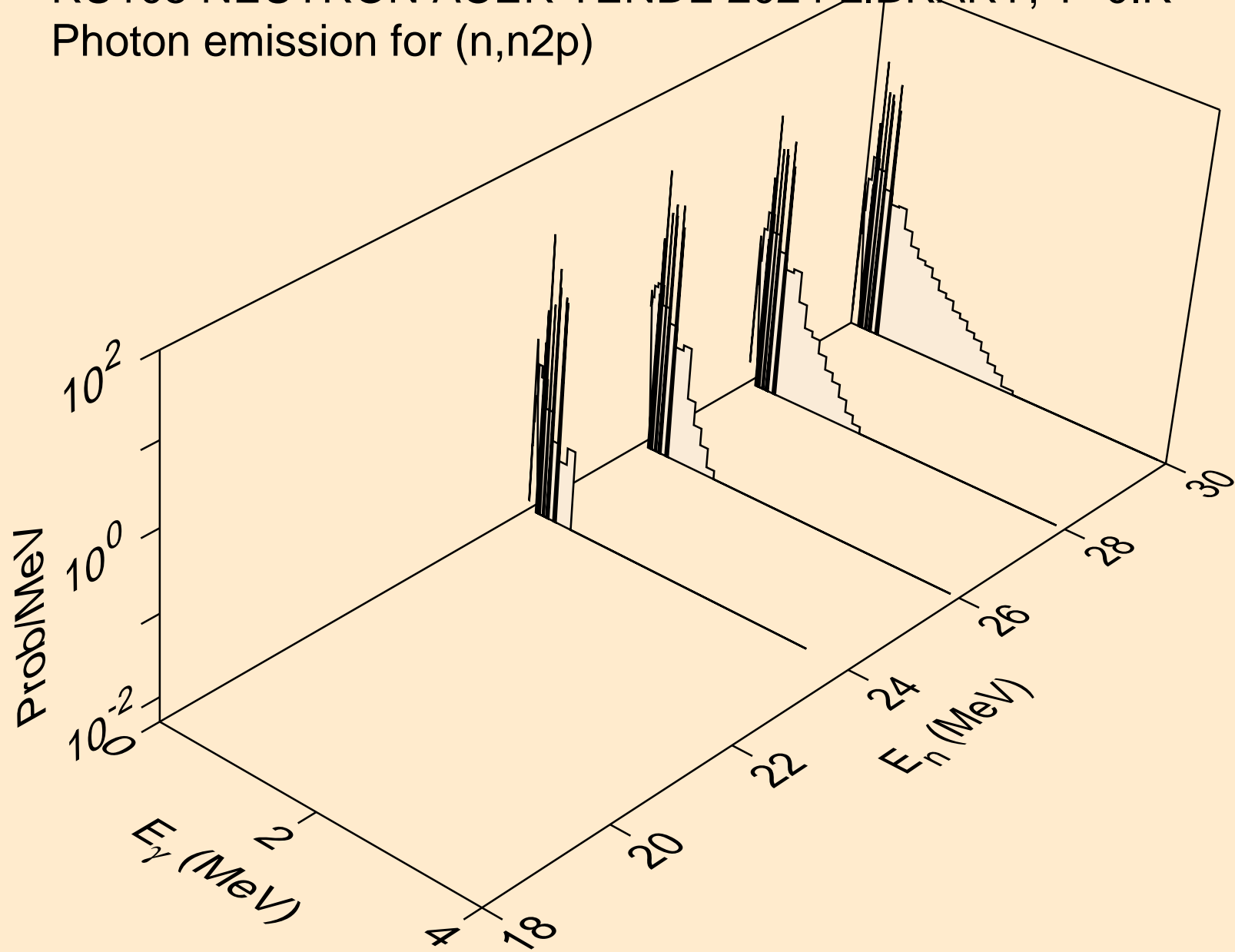
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



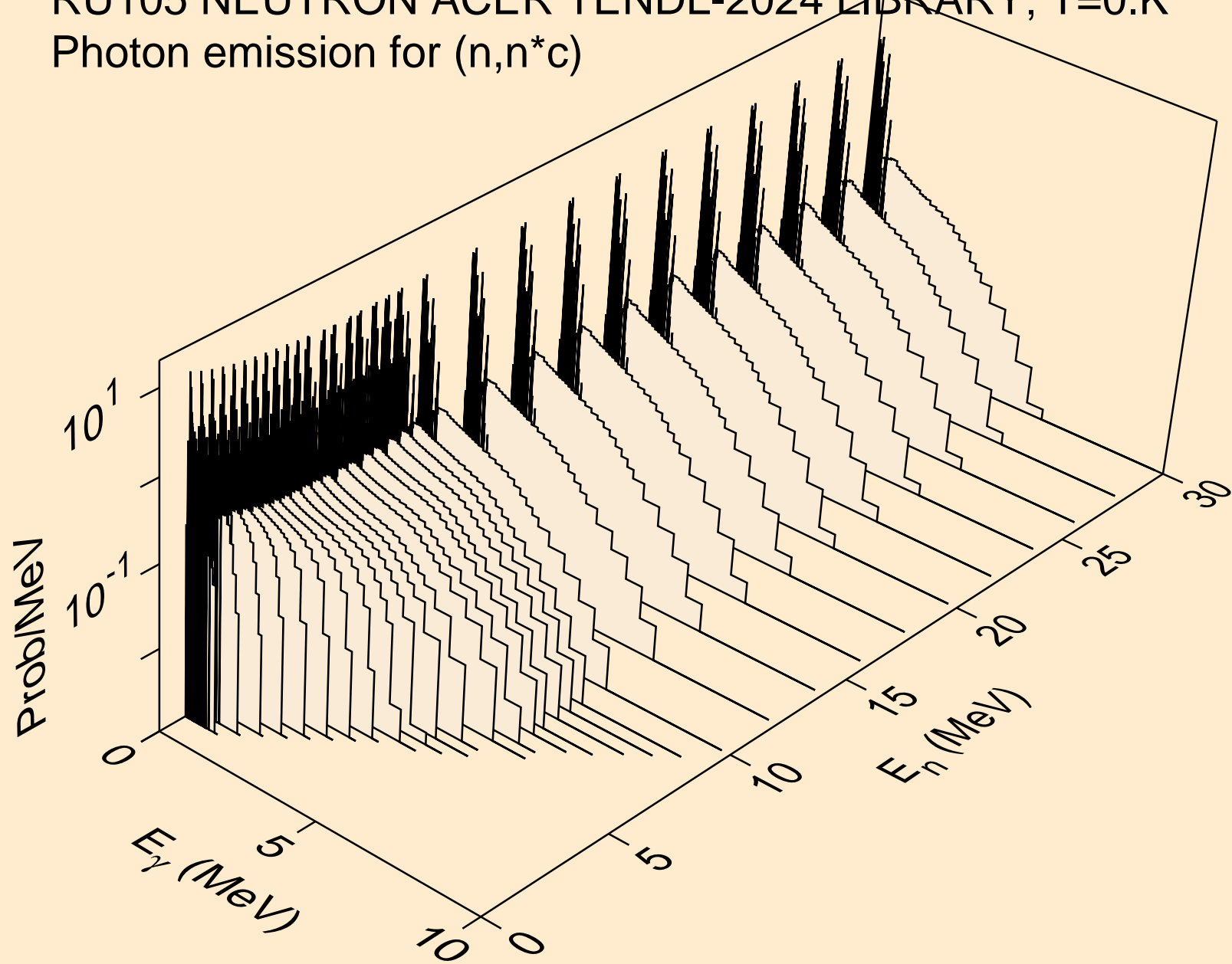
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



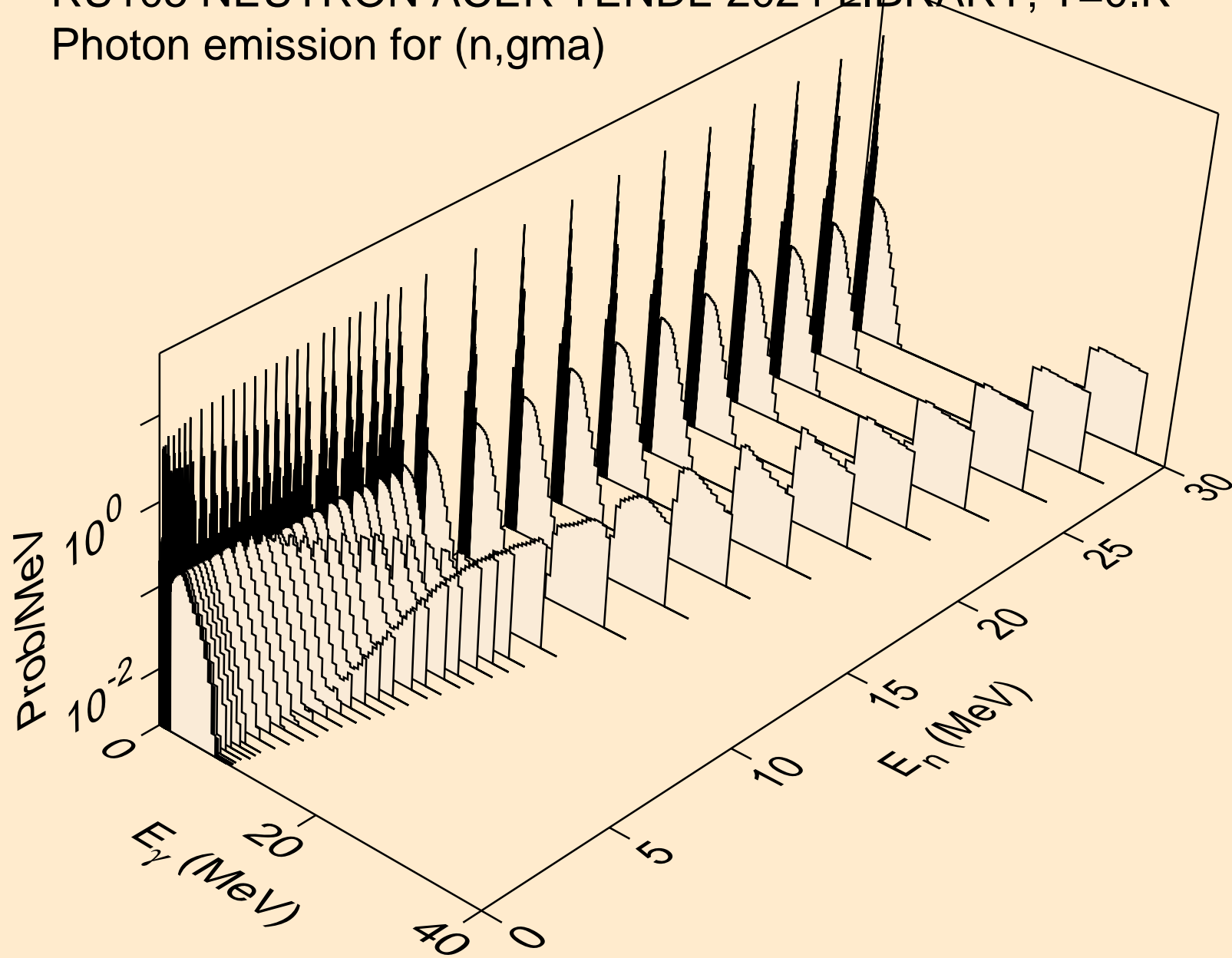
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



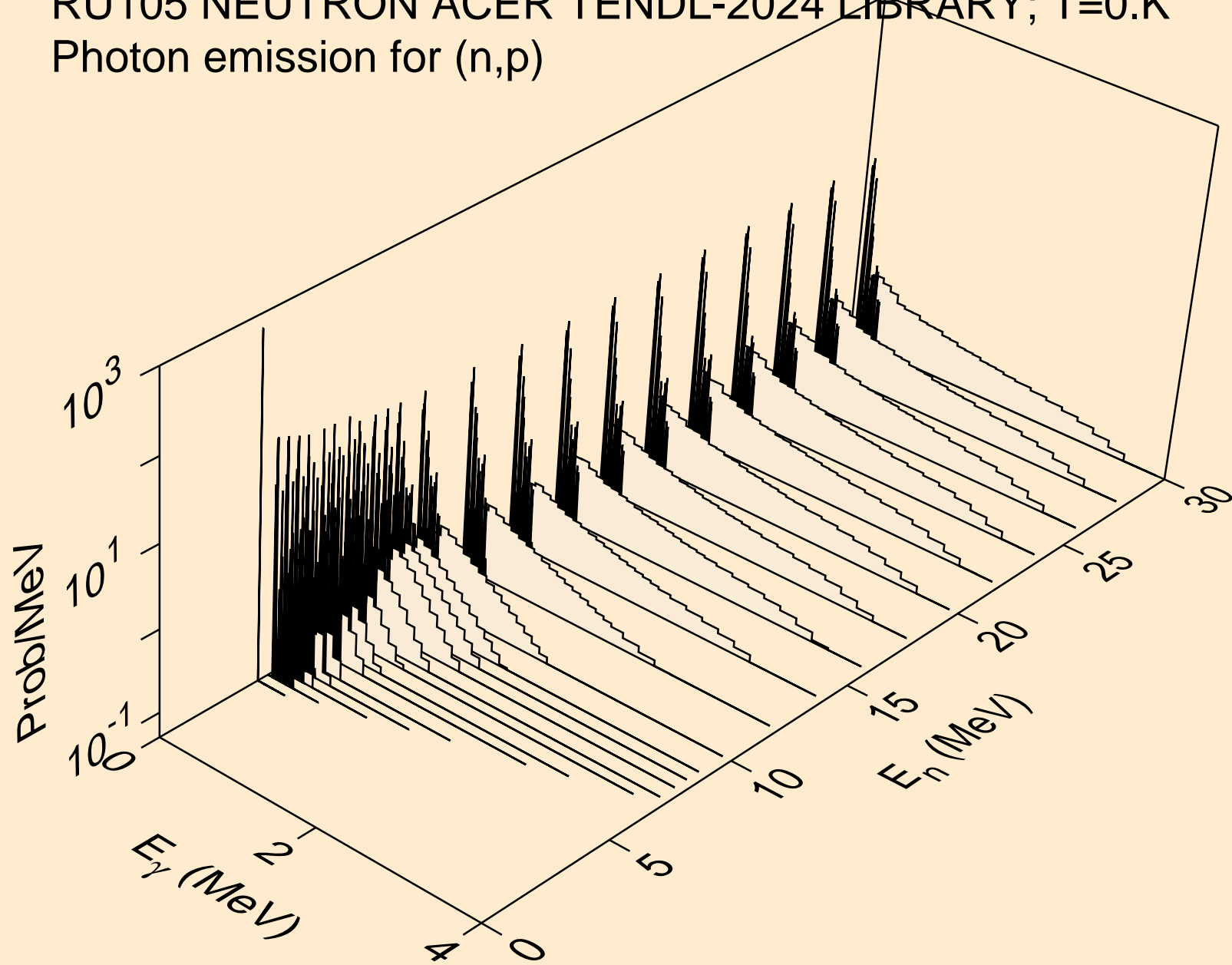
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



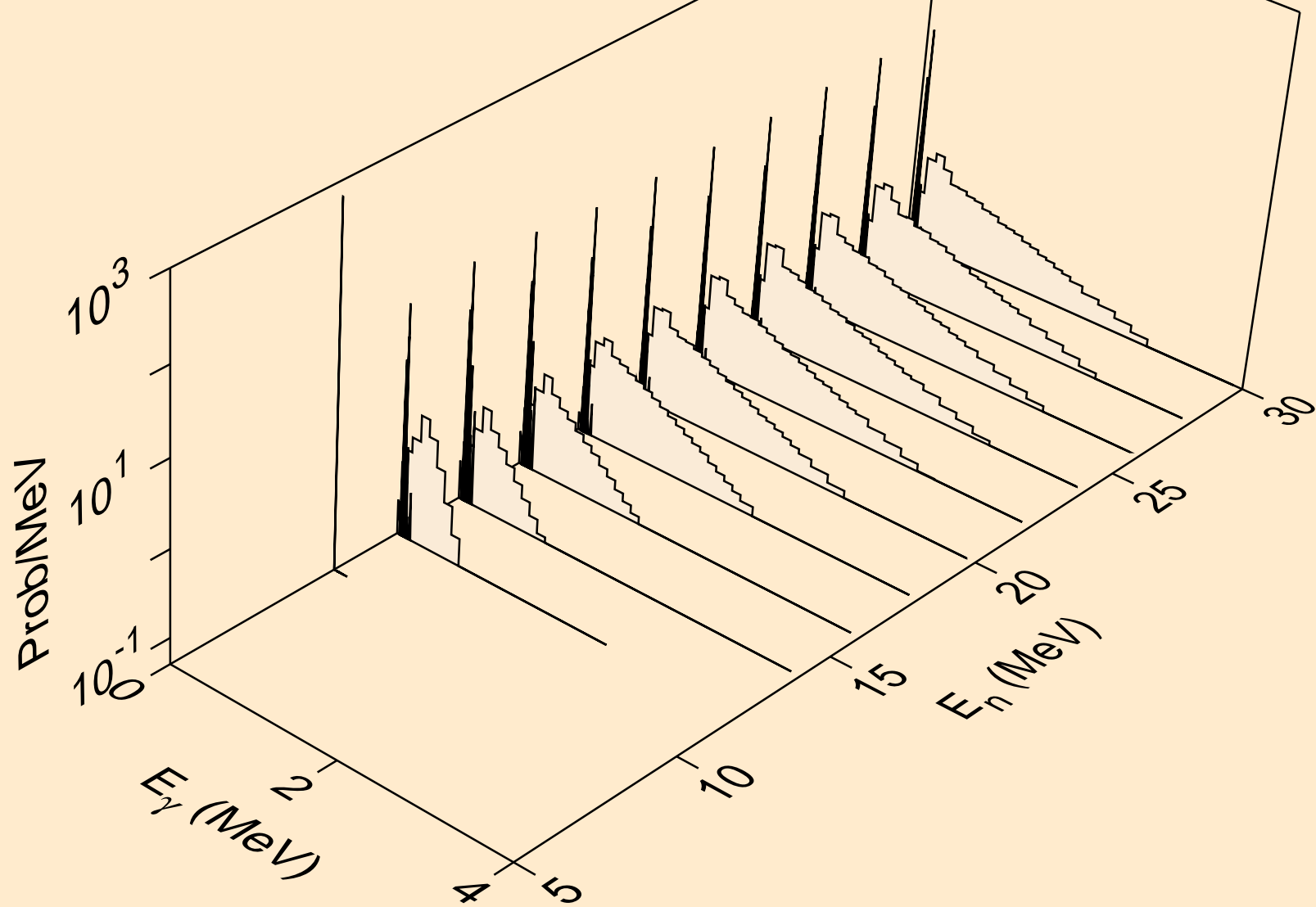
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

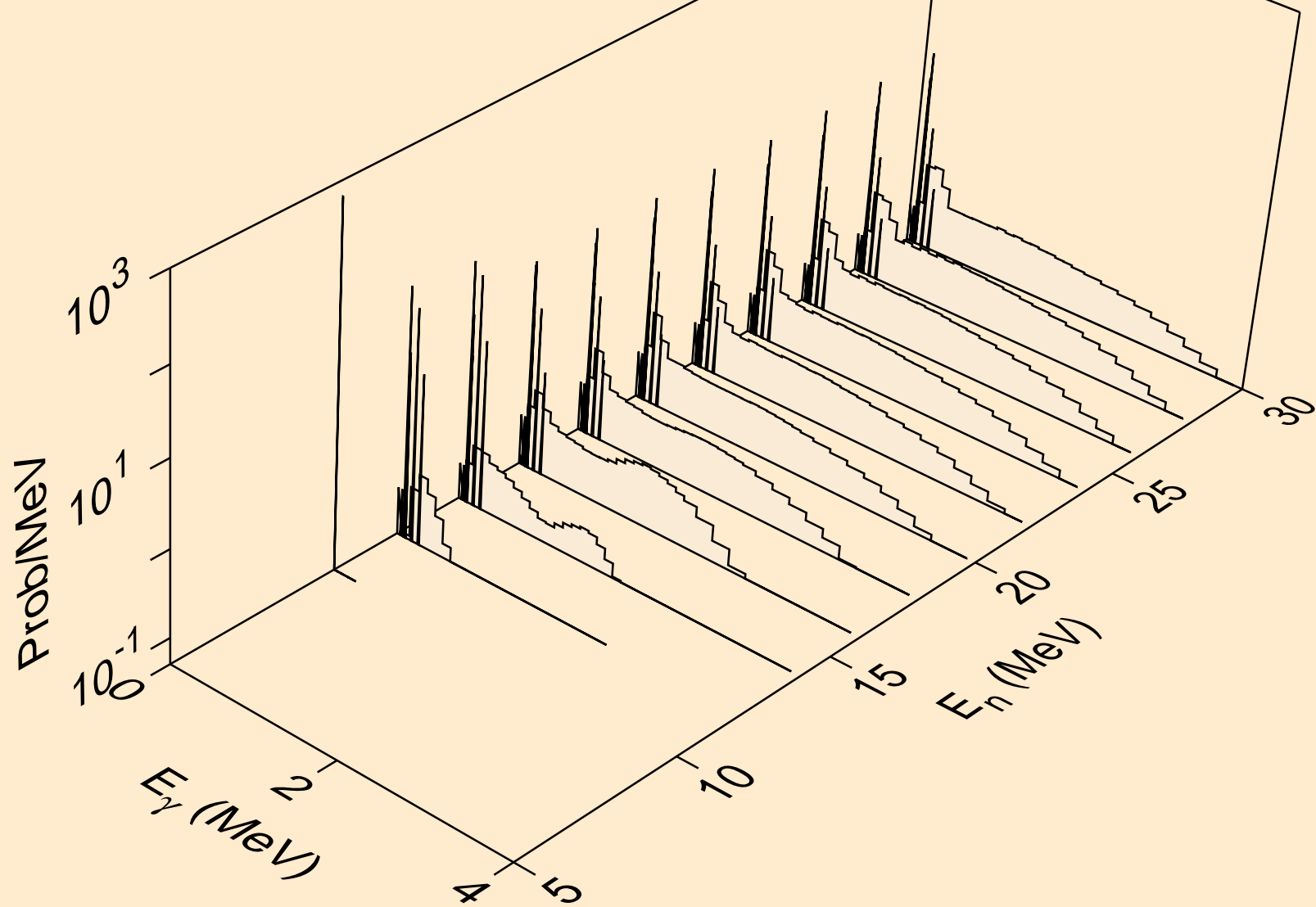


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

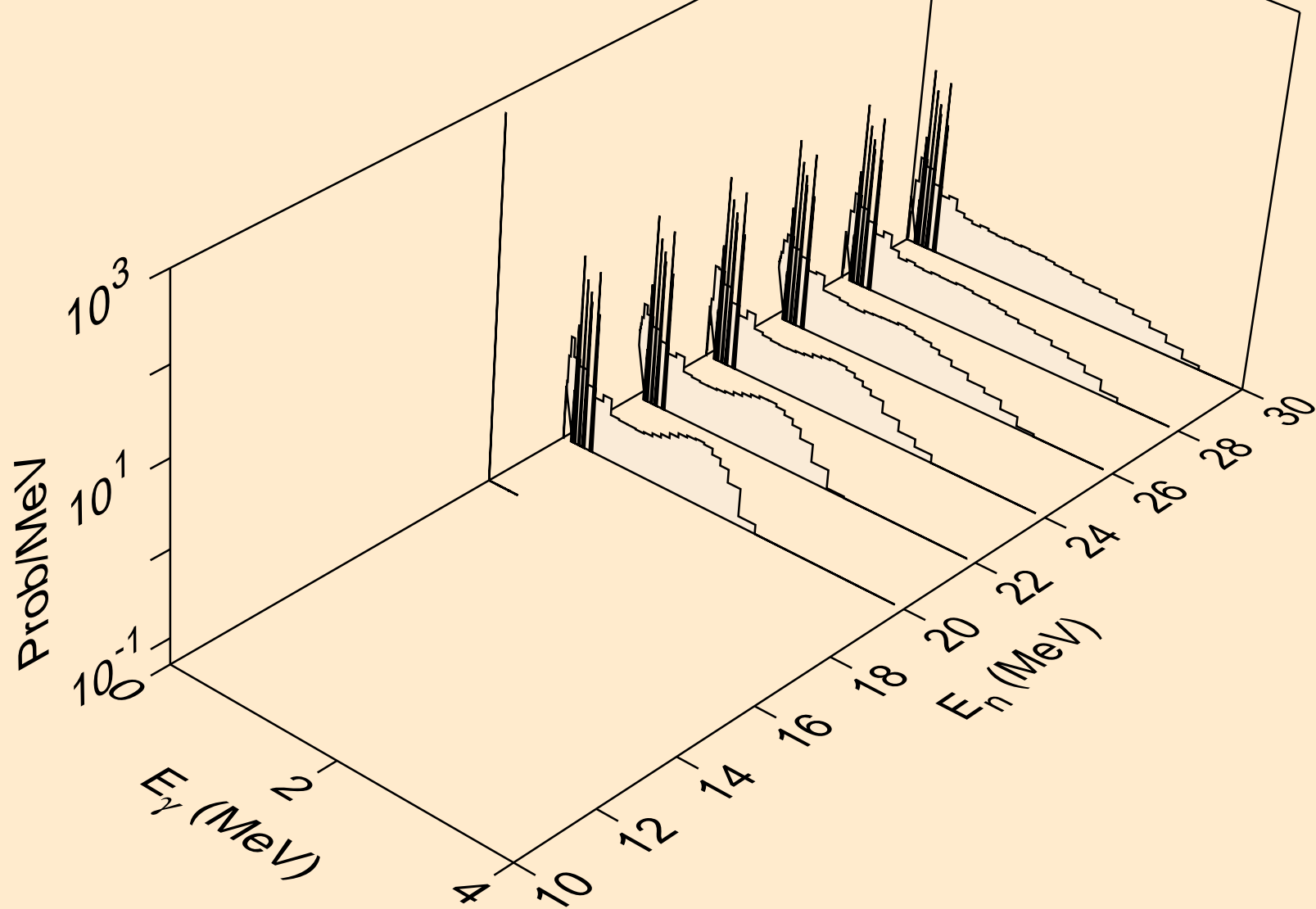




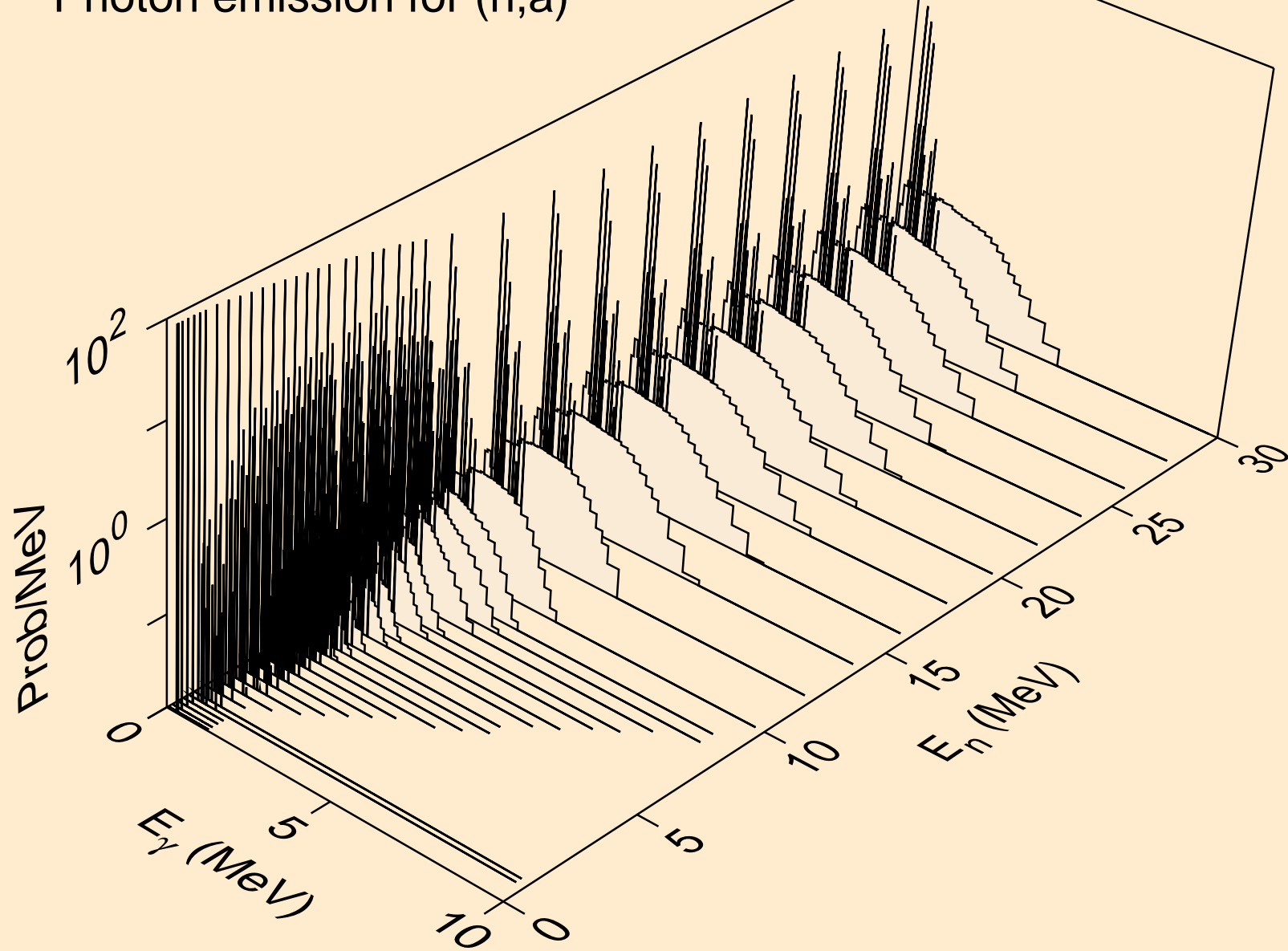
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Photon emission for (n,t)



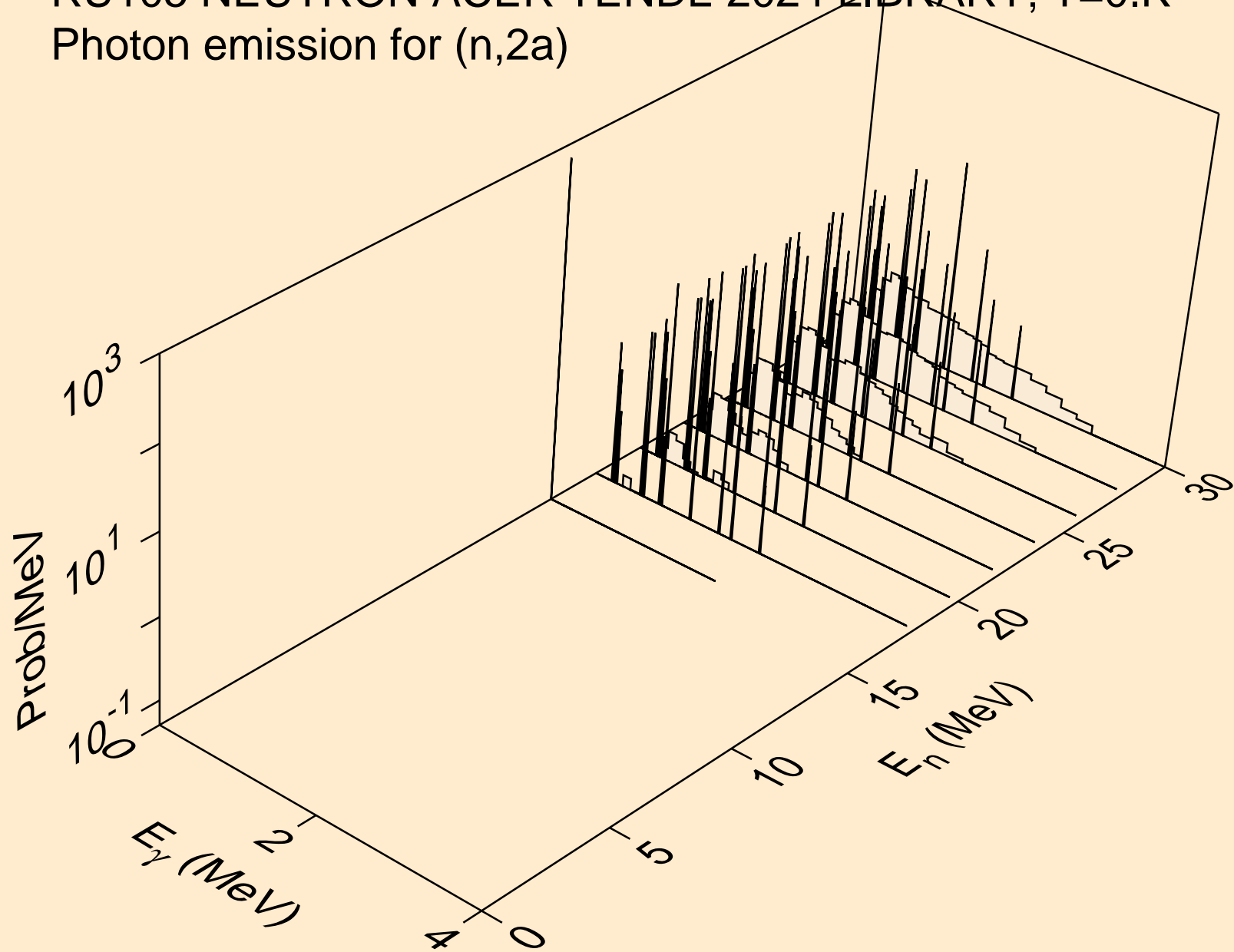
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Photon emission for (n,he3)



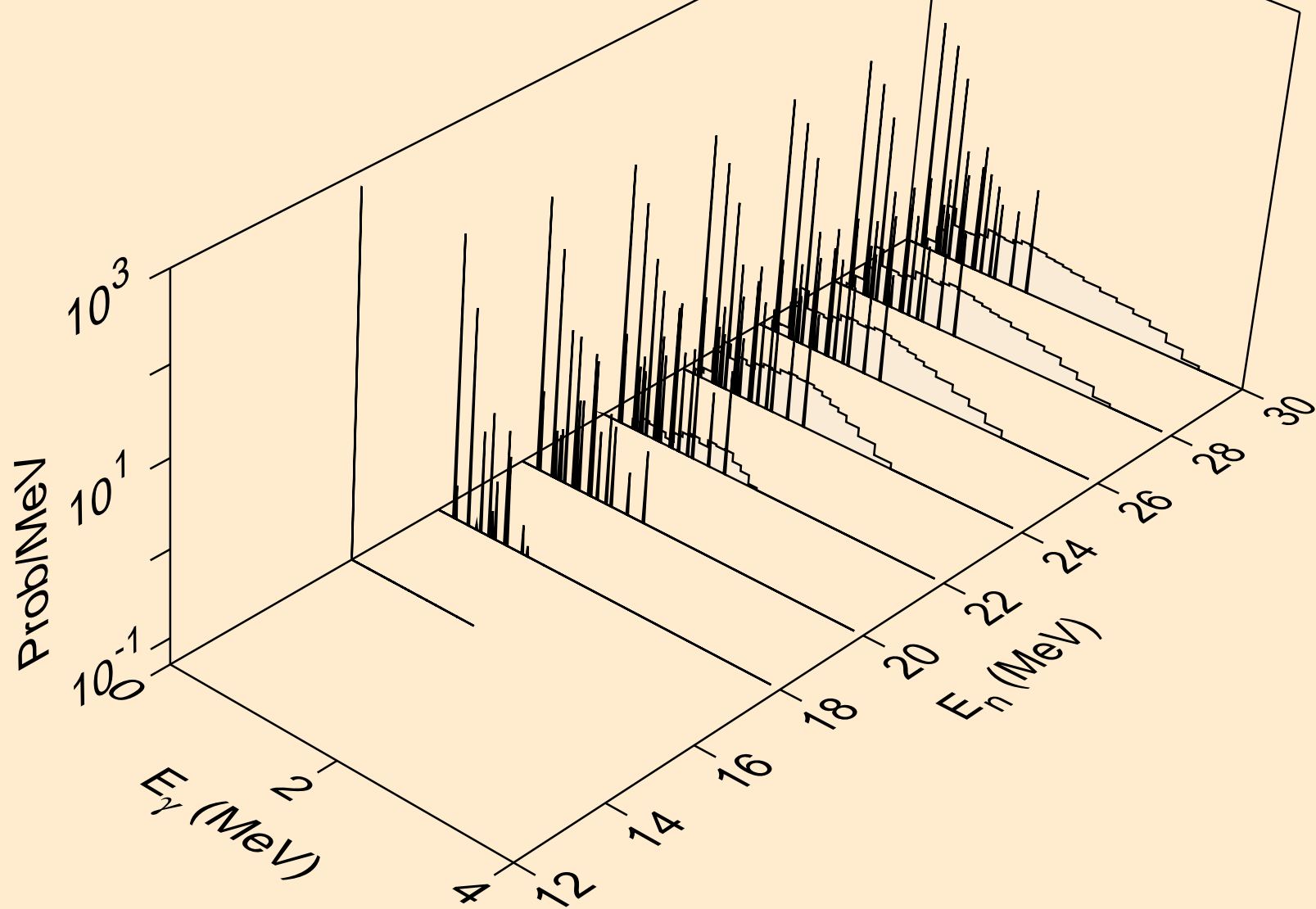
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



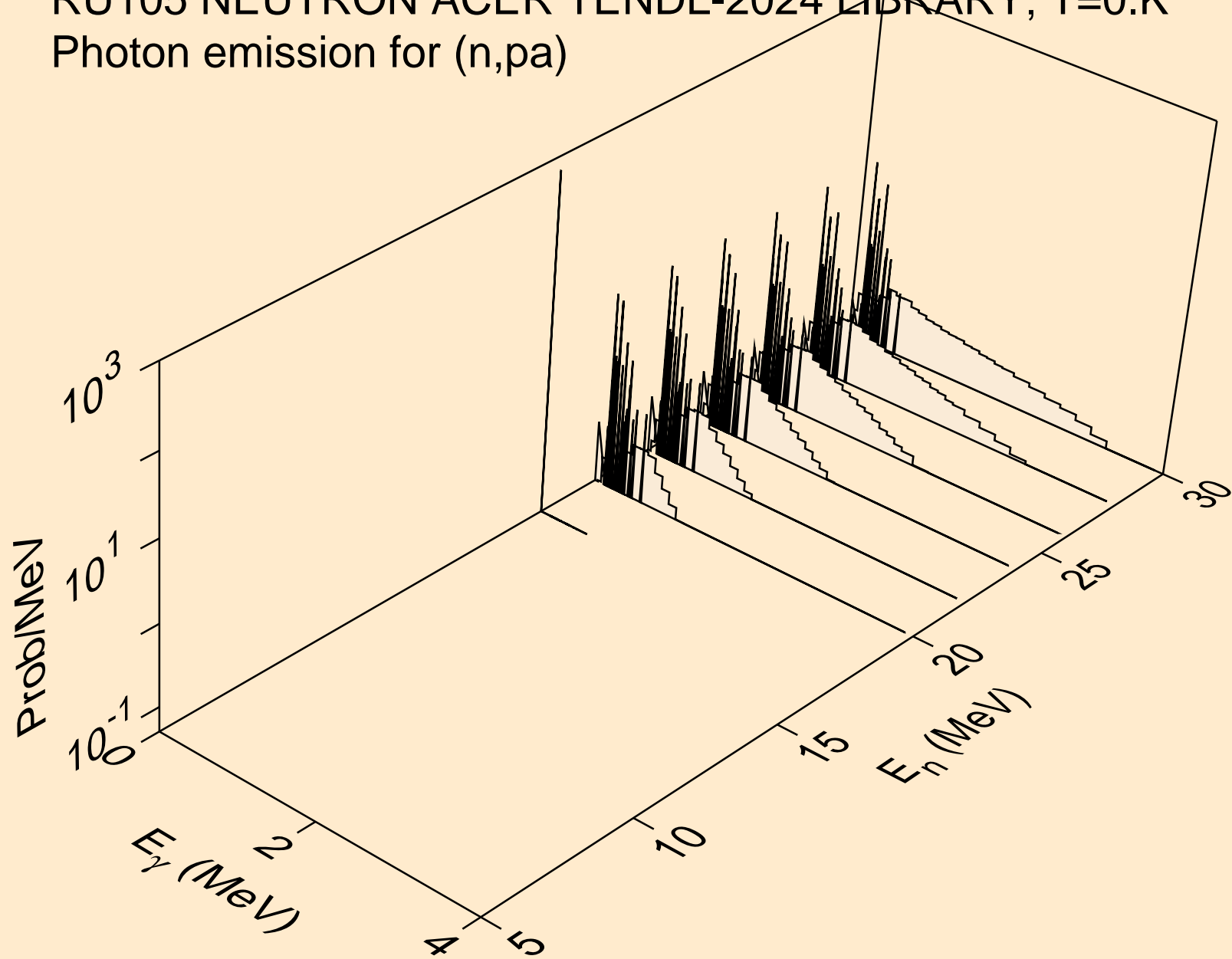
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



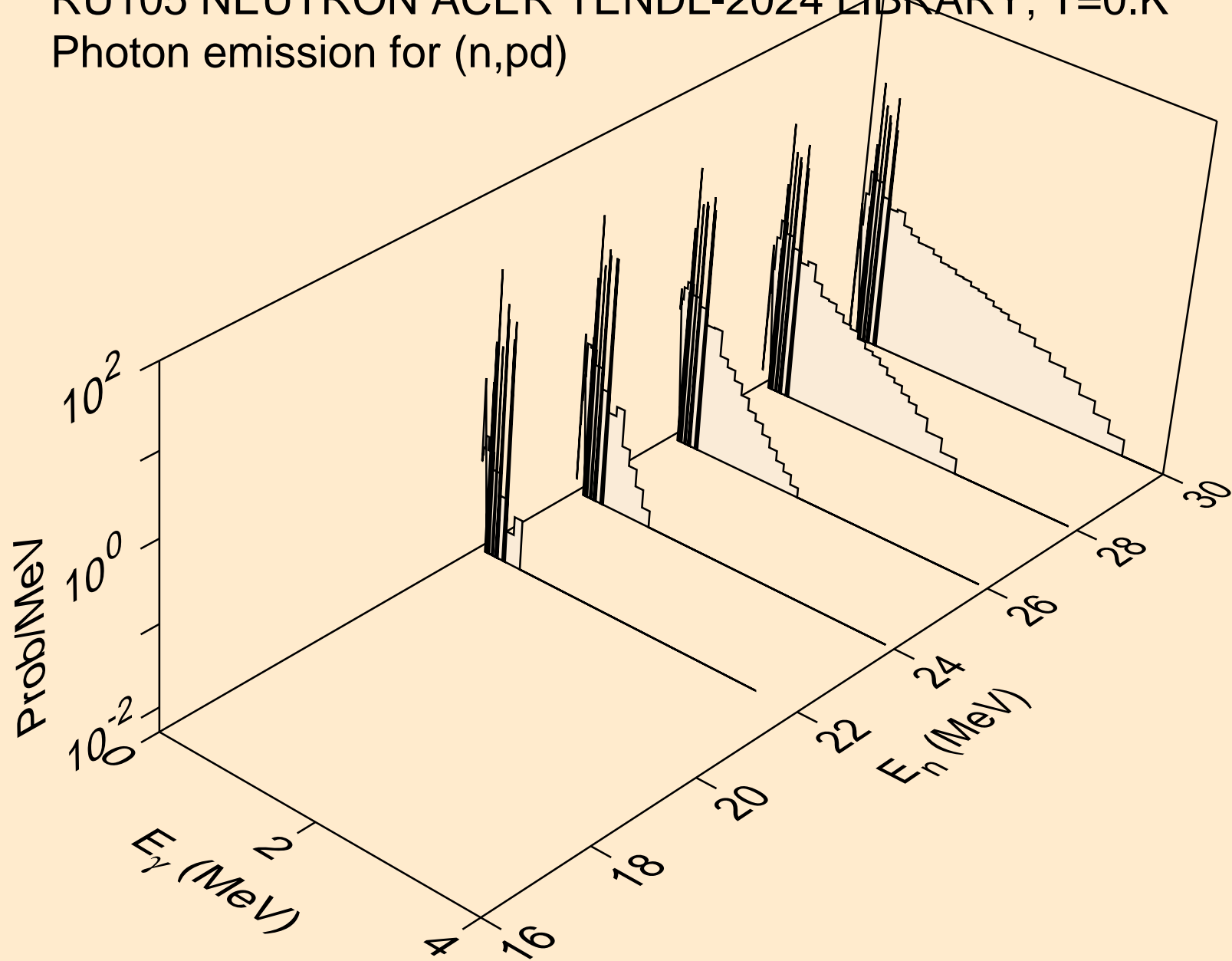
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Photon emission for (n,2p)



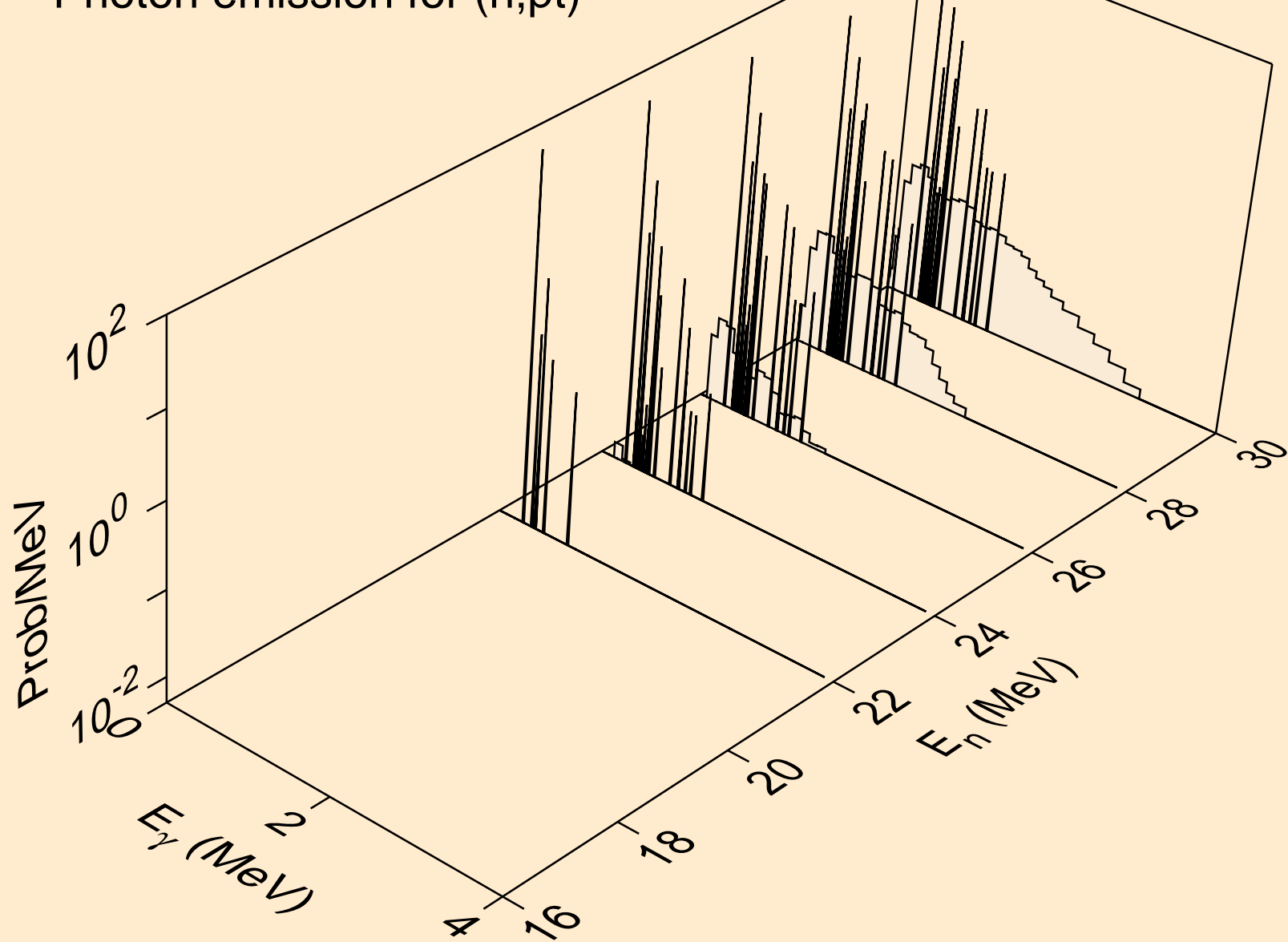
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

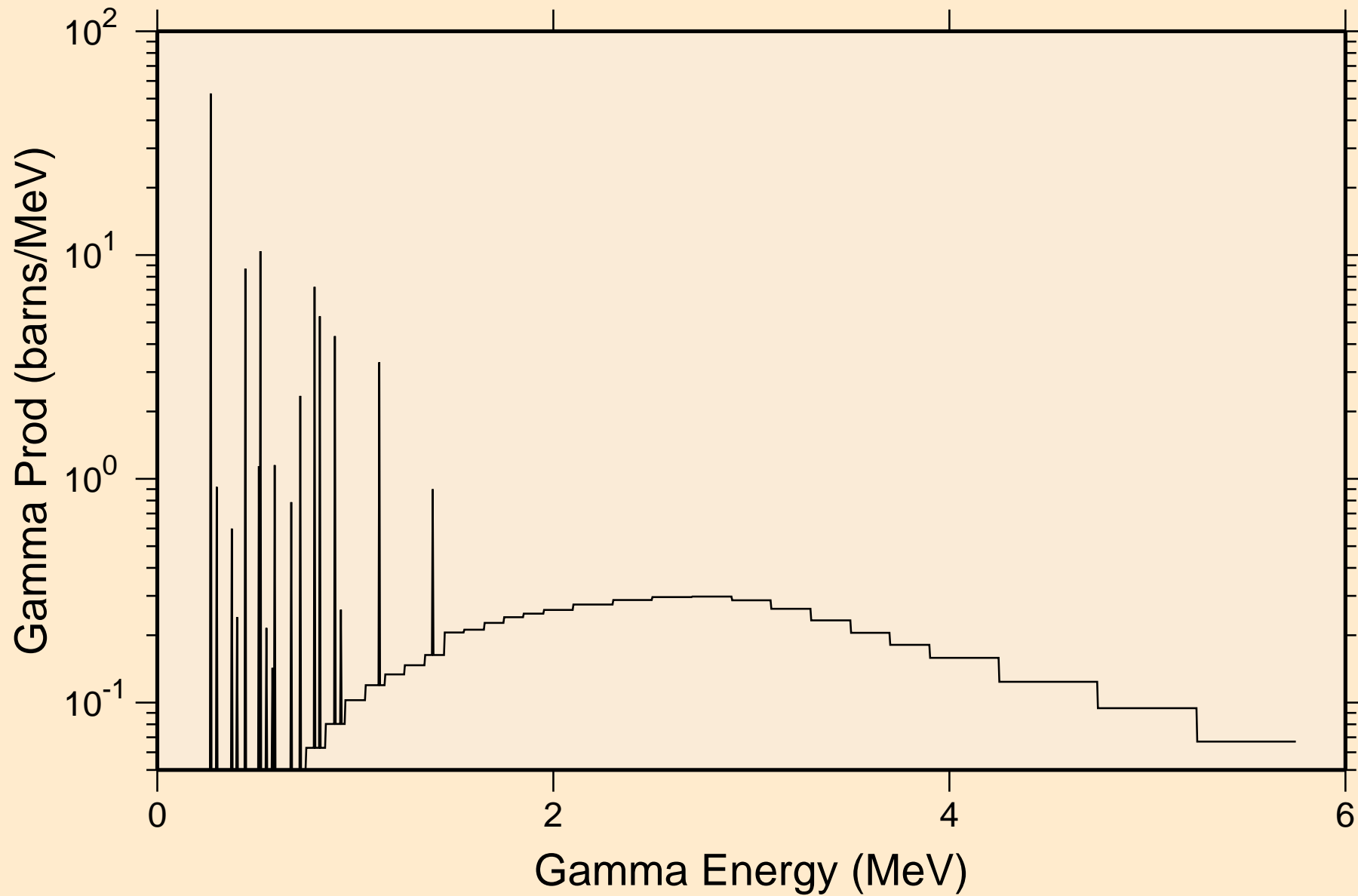


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

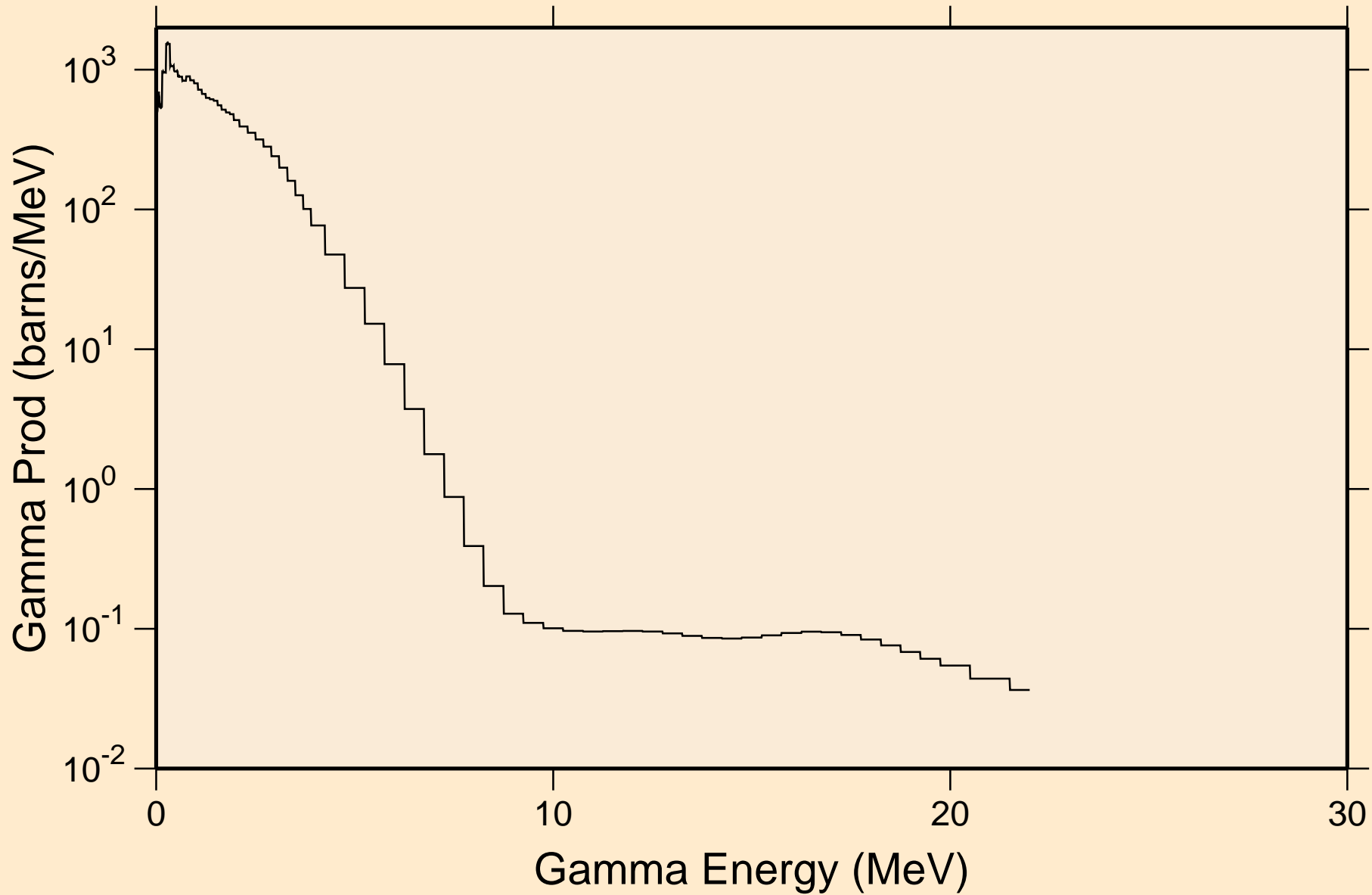




RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

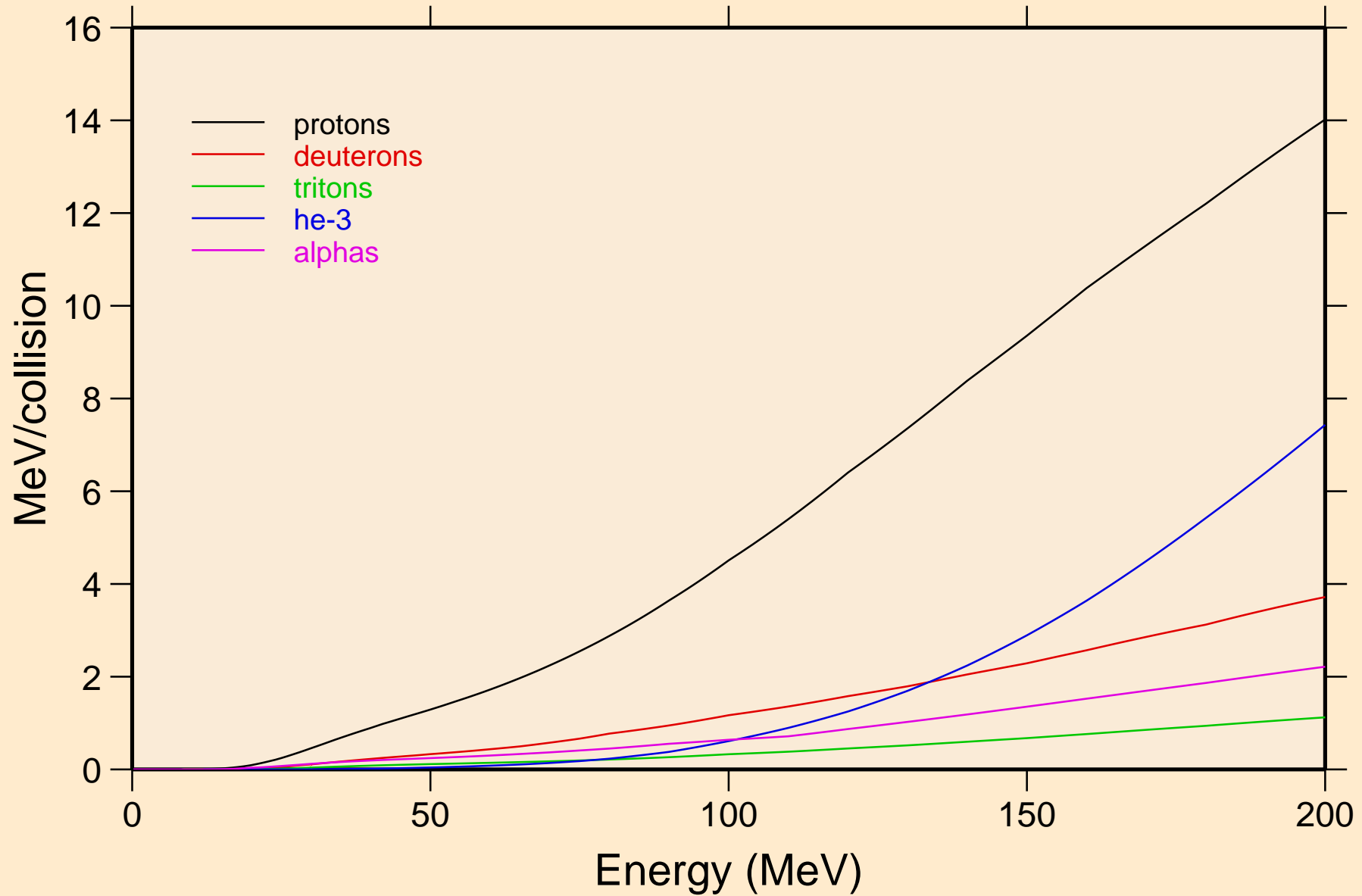


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

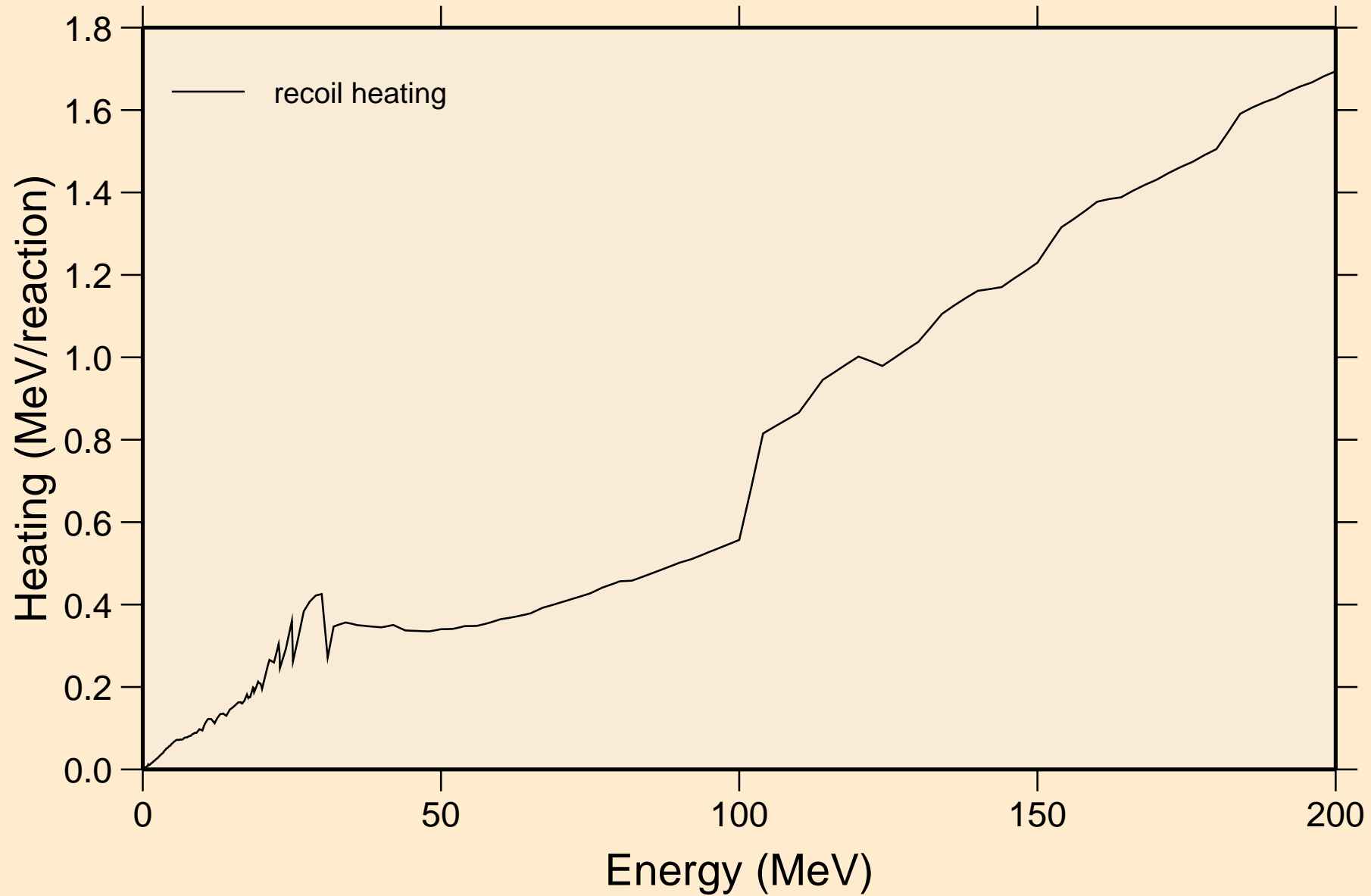


# RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

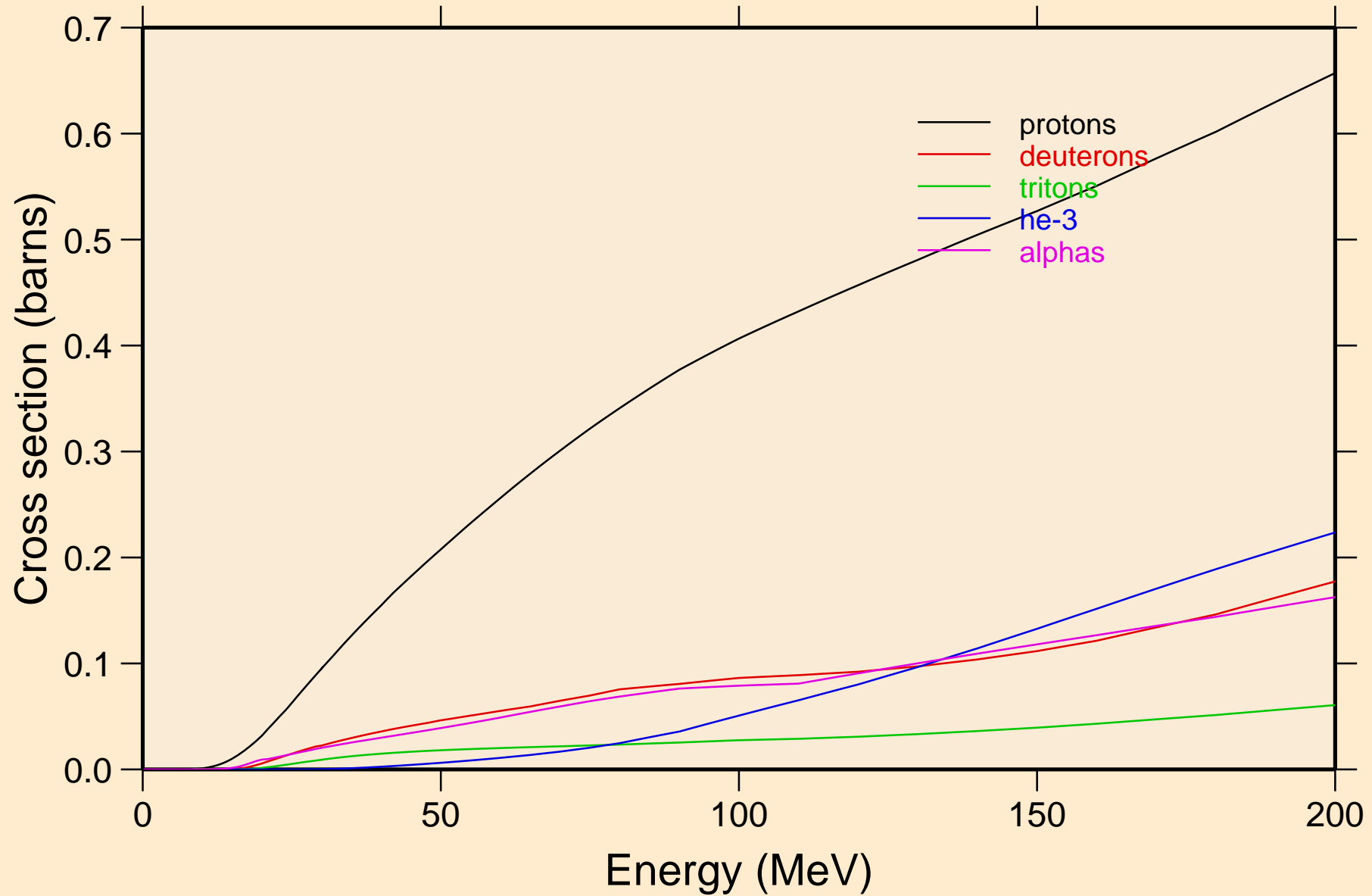
## Particle heating contributions



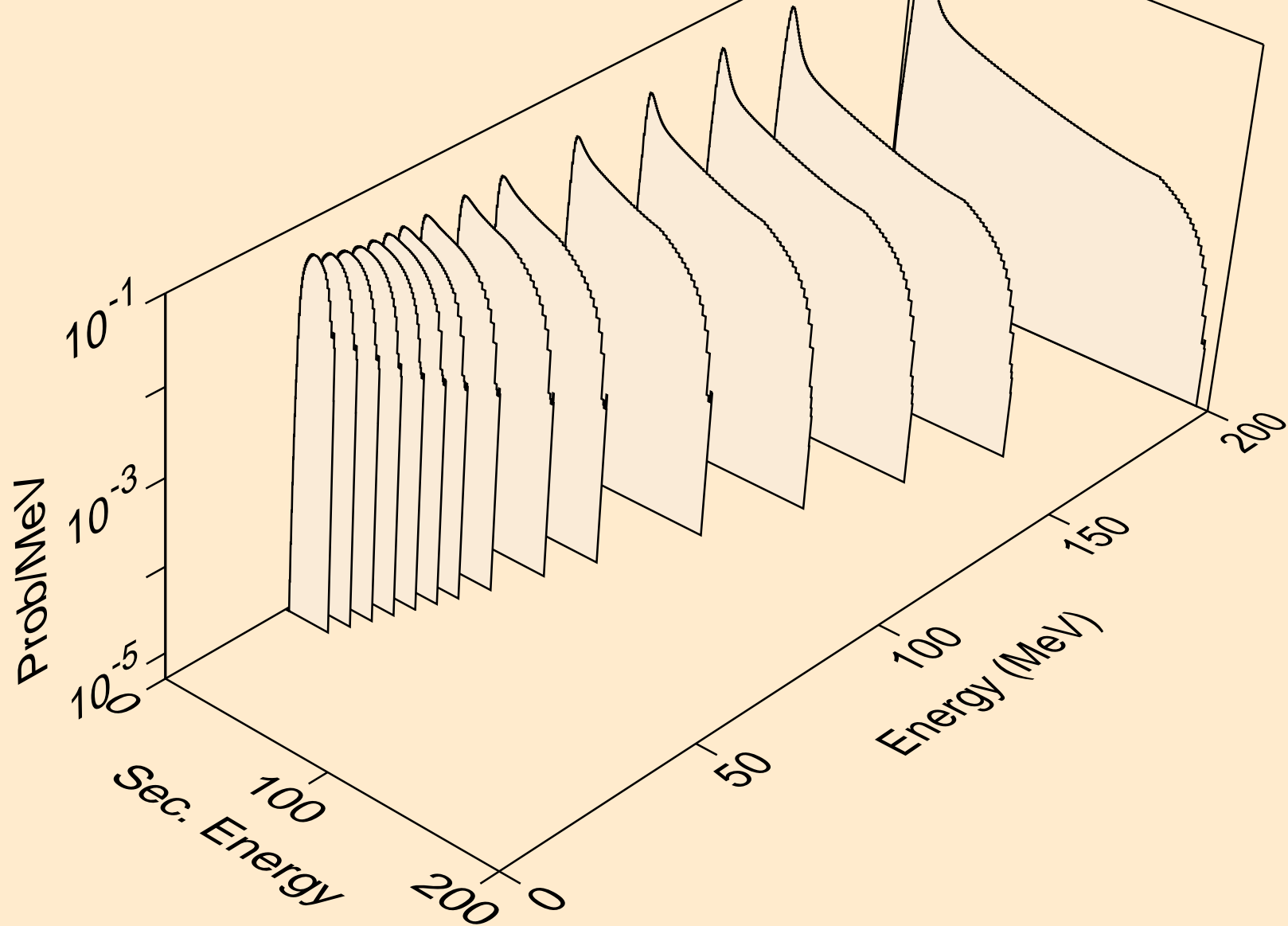
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



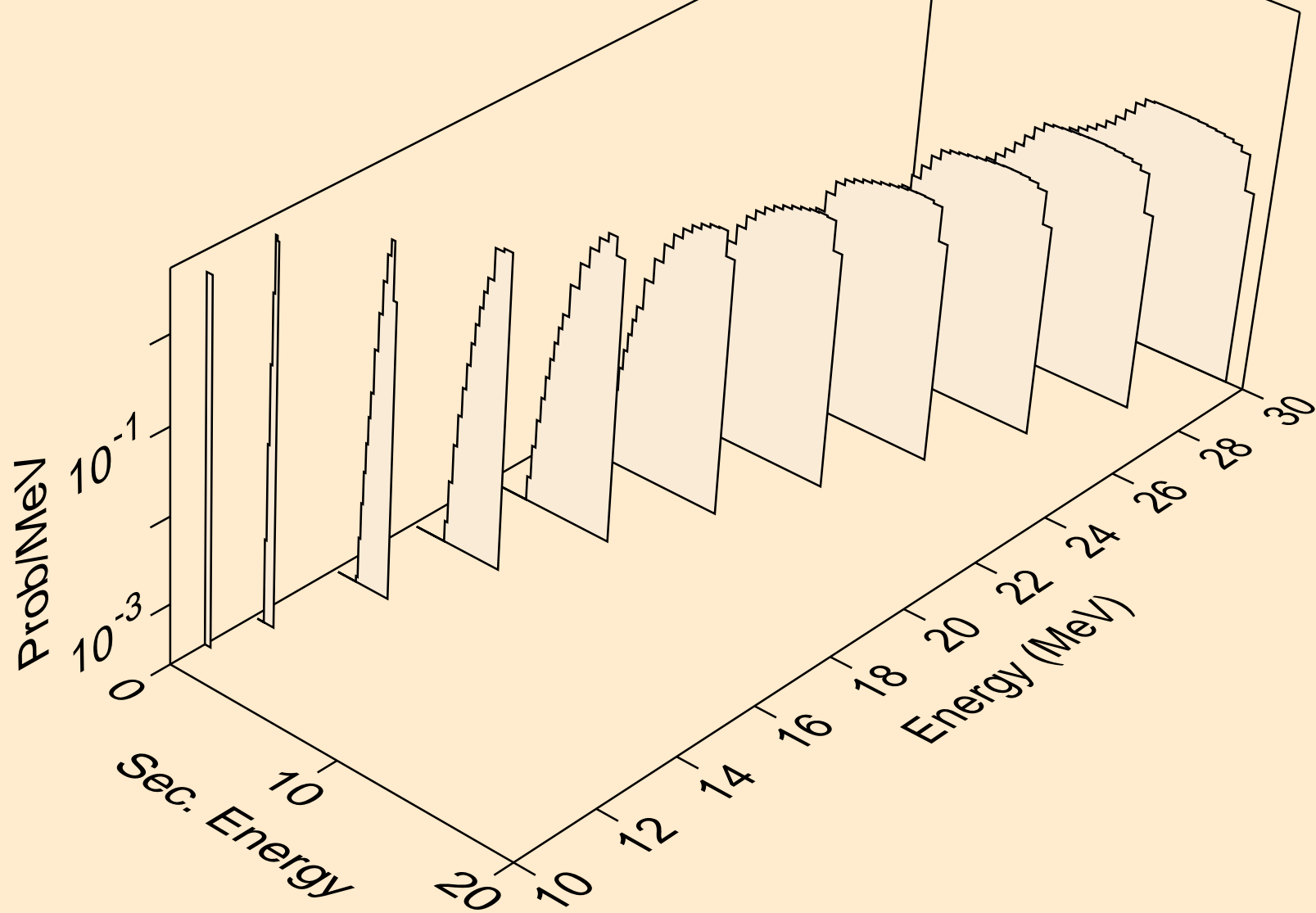
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



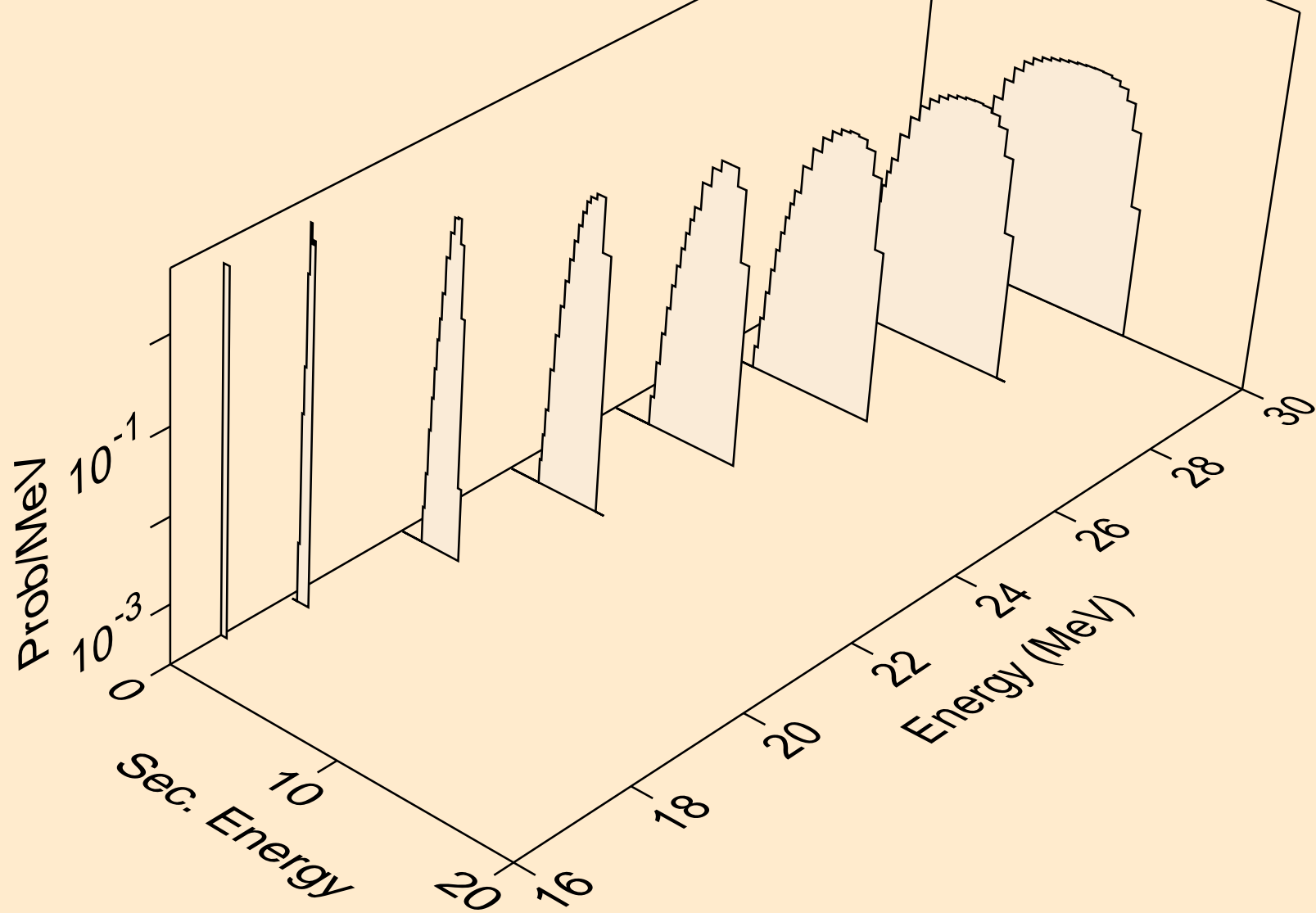
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

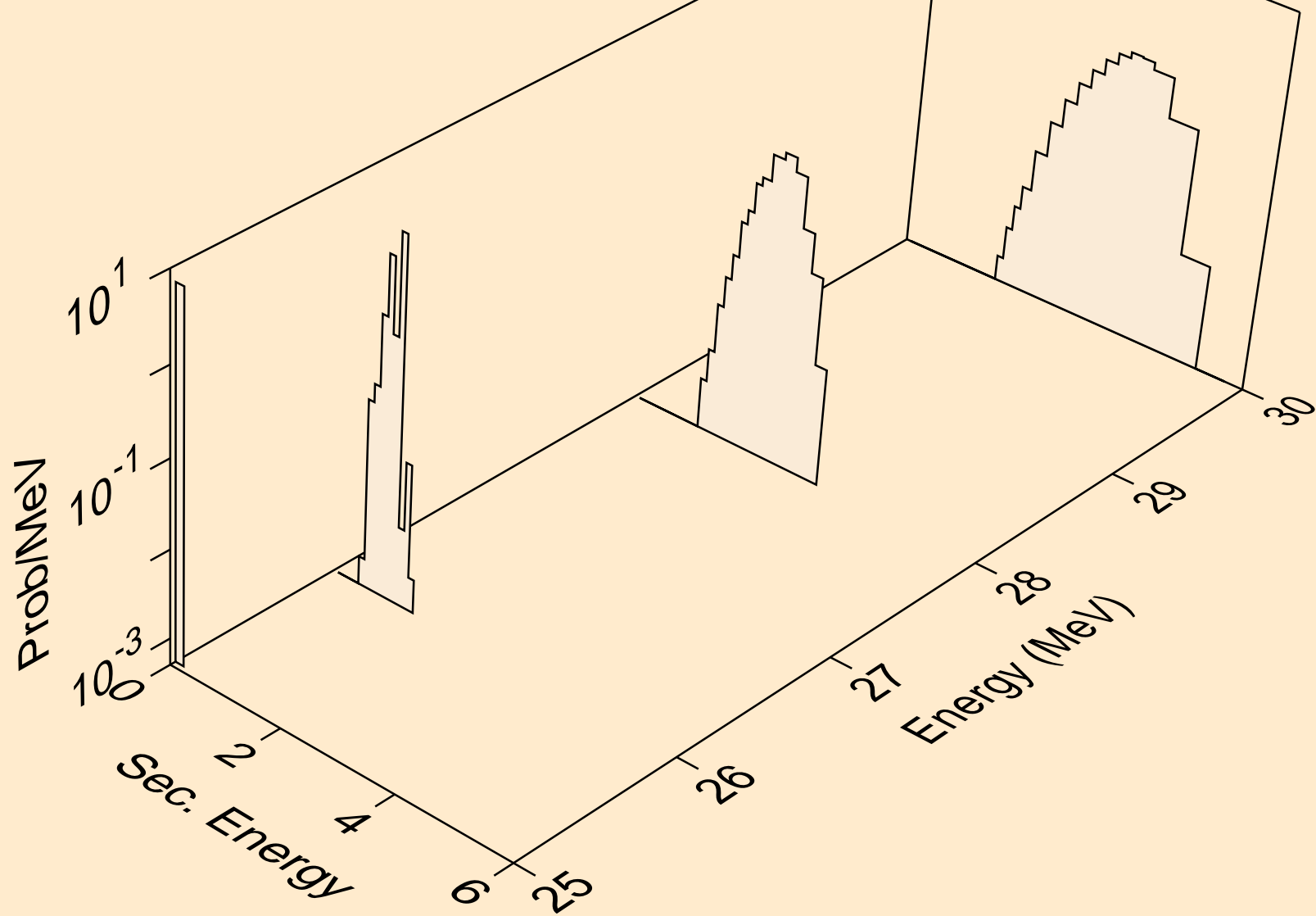


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

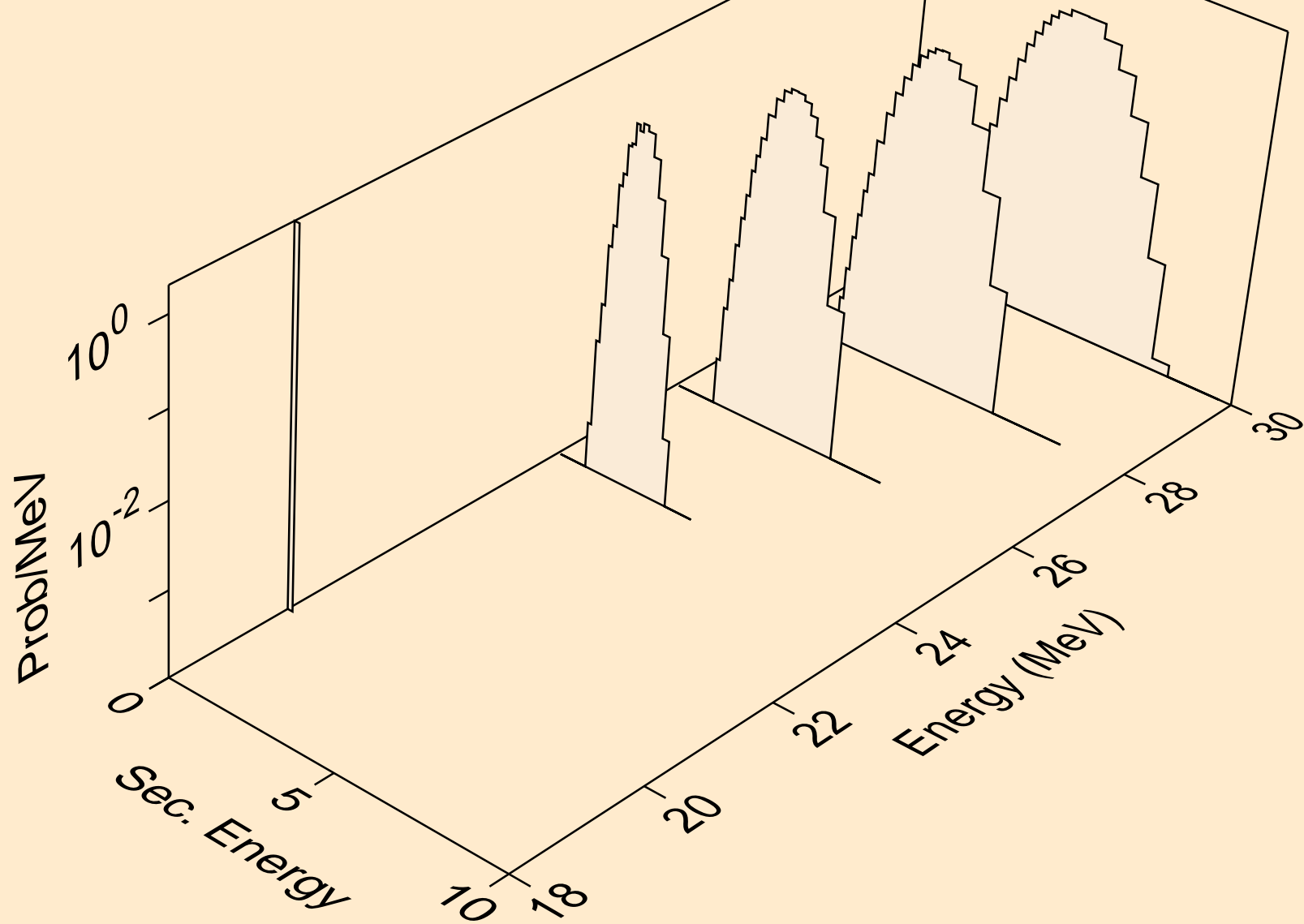




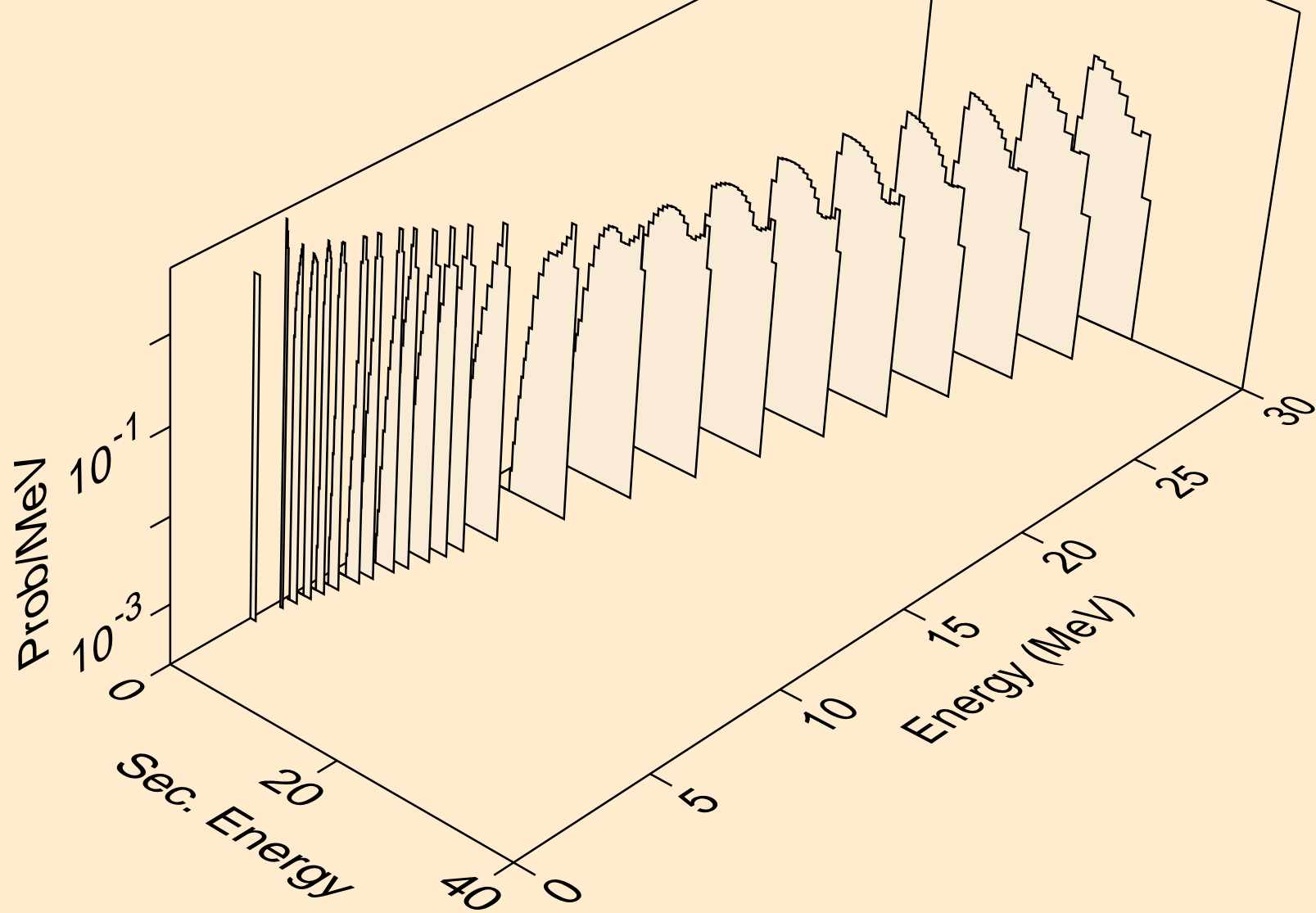
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protons from (n,3np)



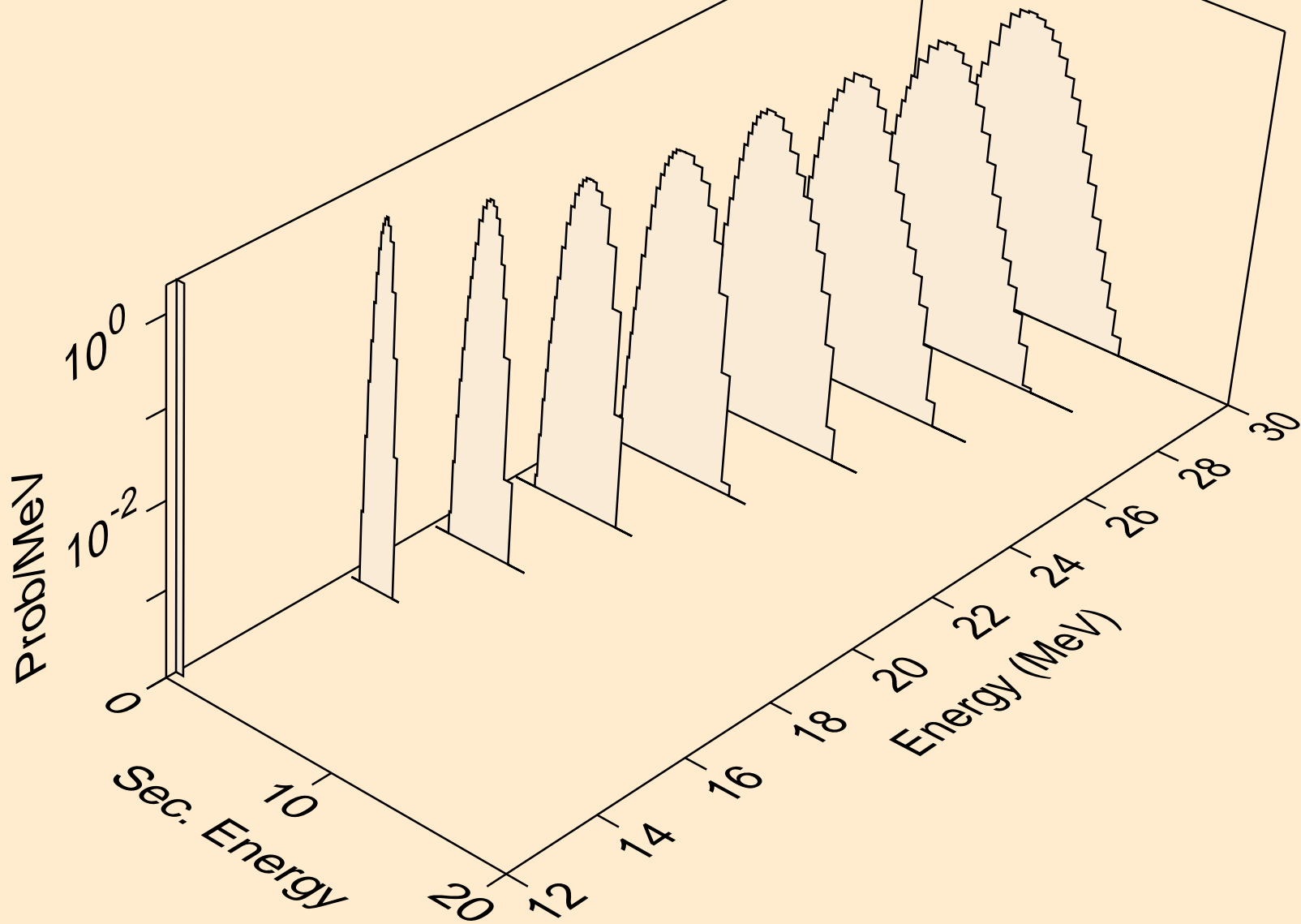
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protons from (n,n2p)



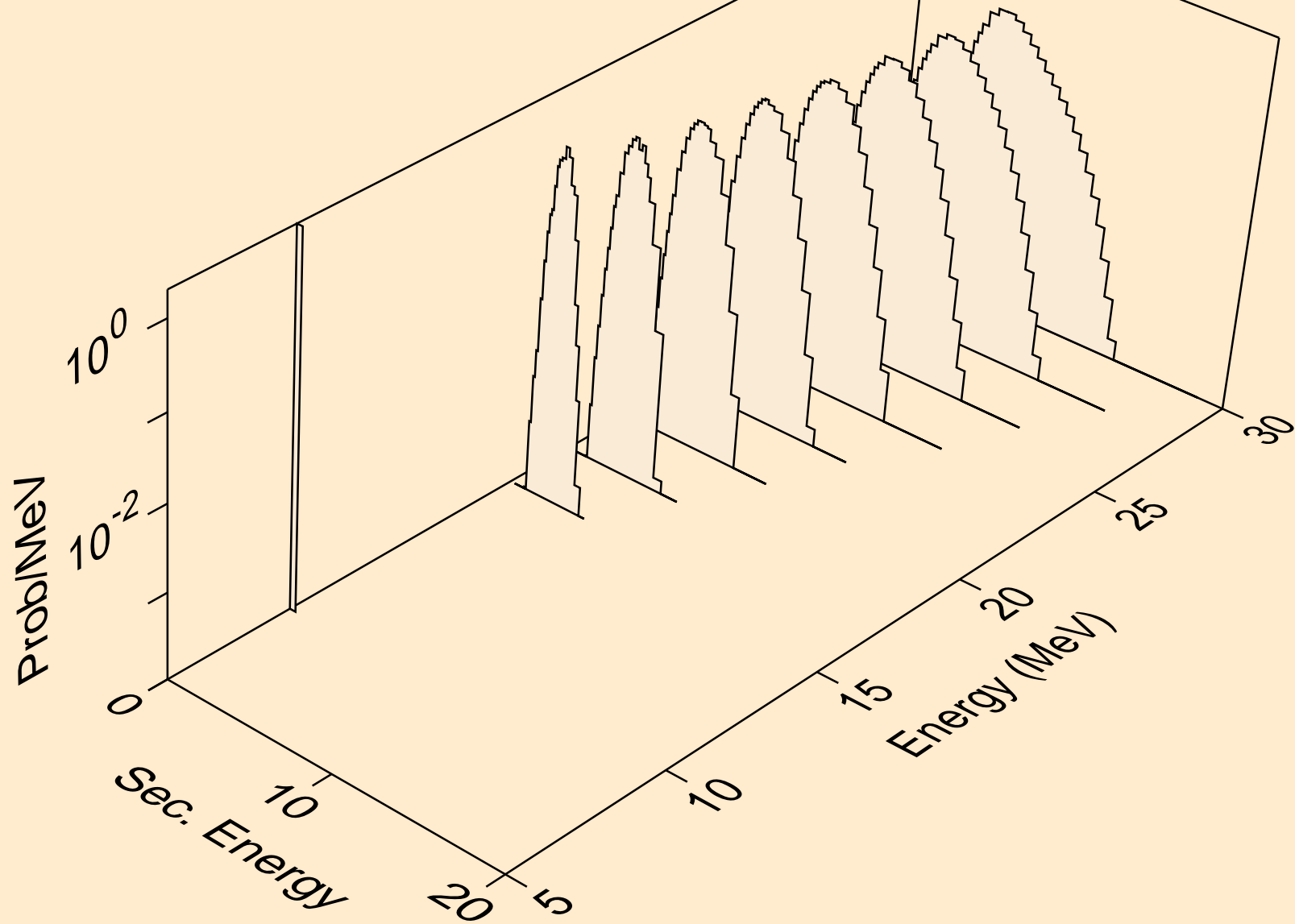
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protons from (n,p)



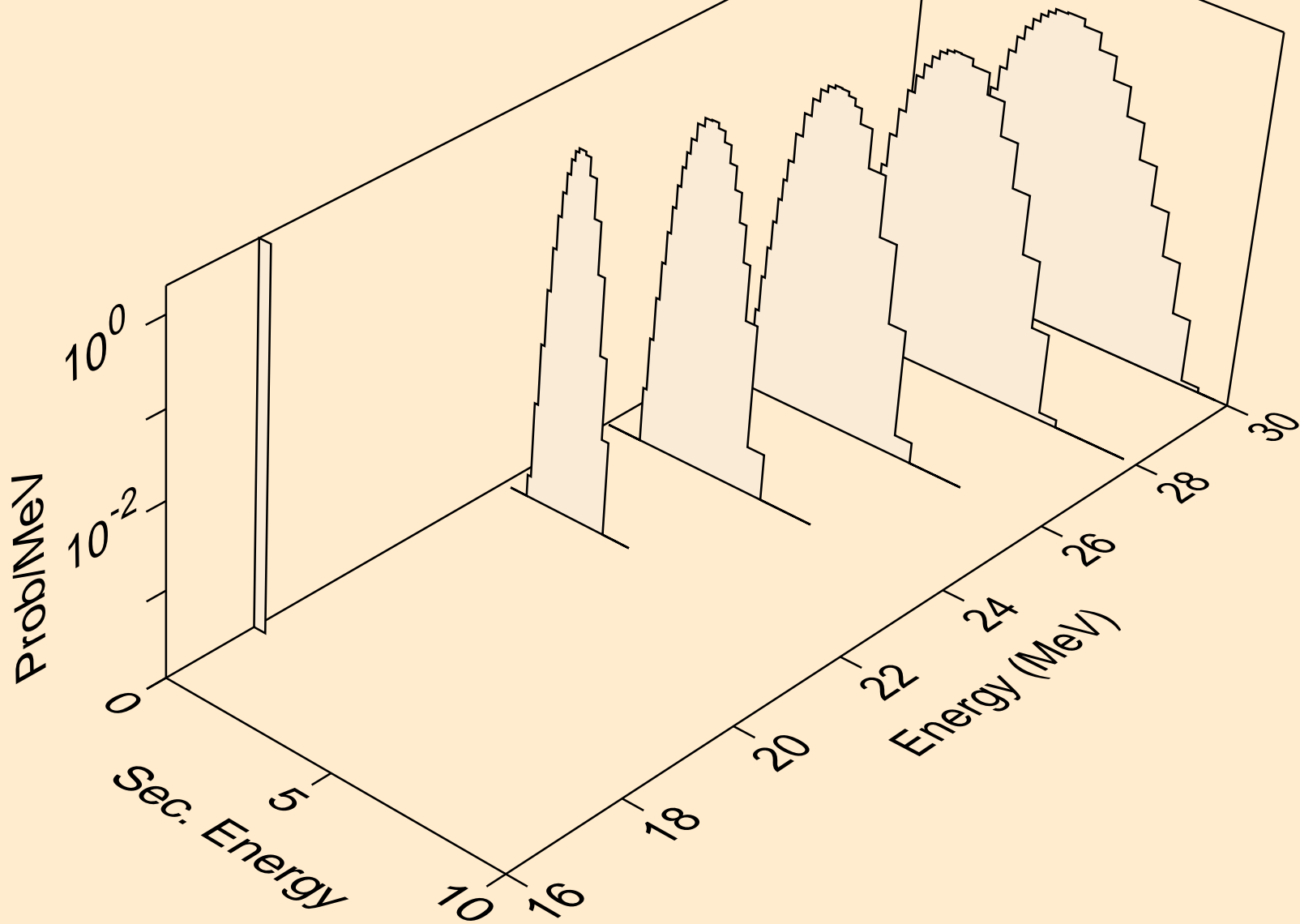
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protons from (n,2p)



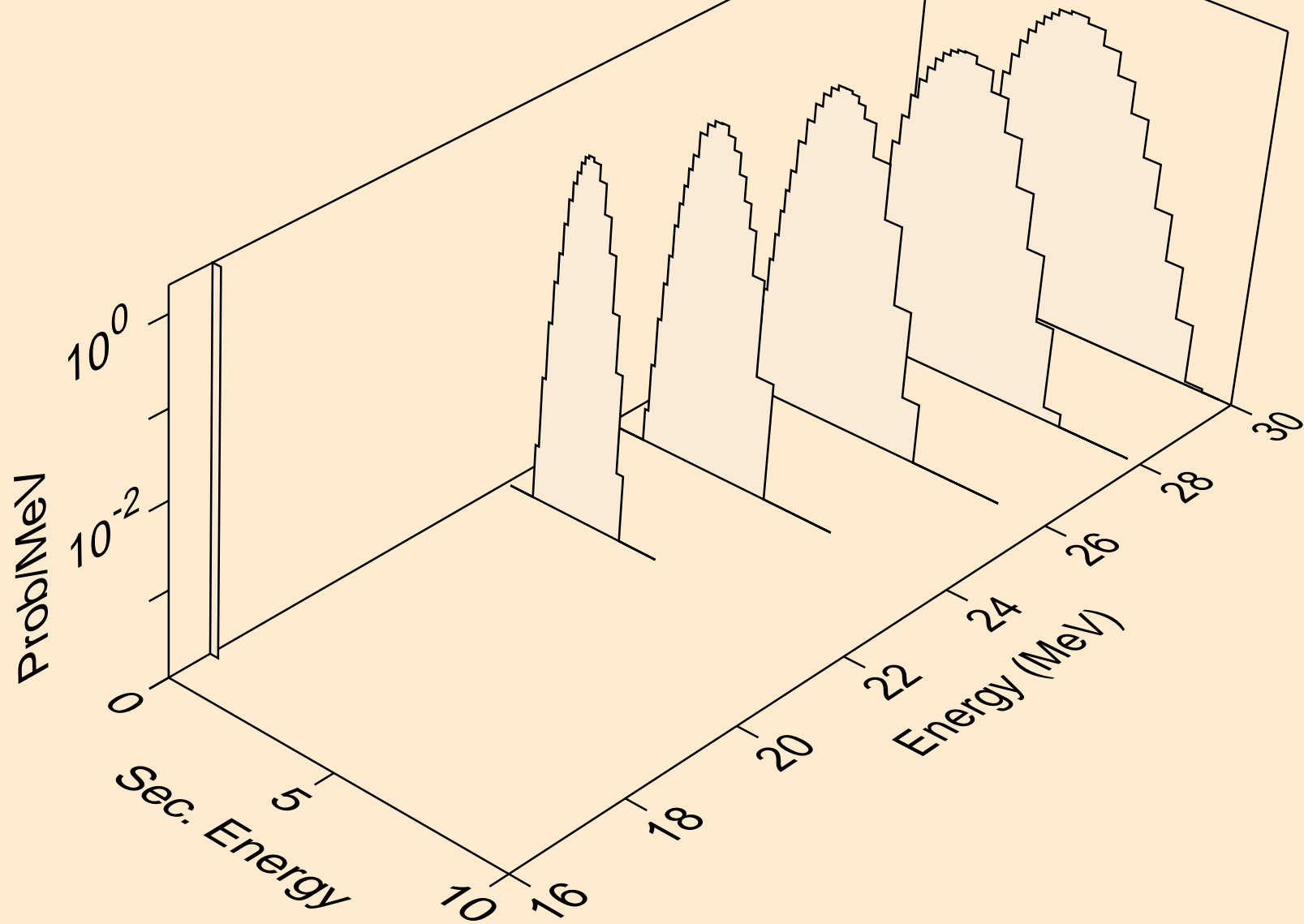
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protons from (n,p)



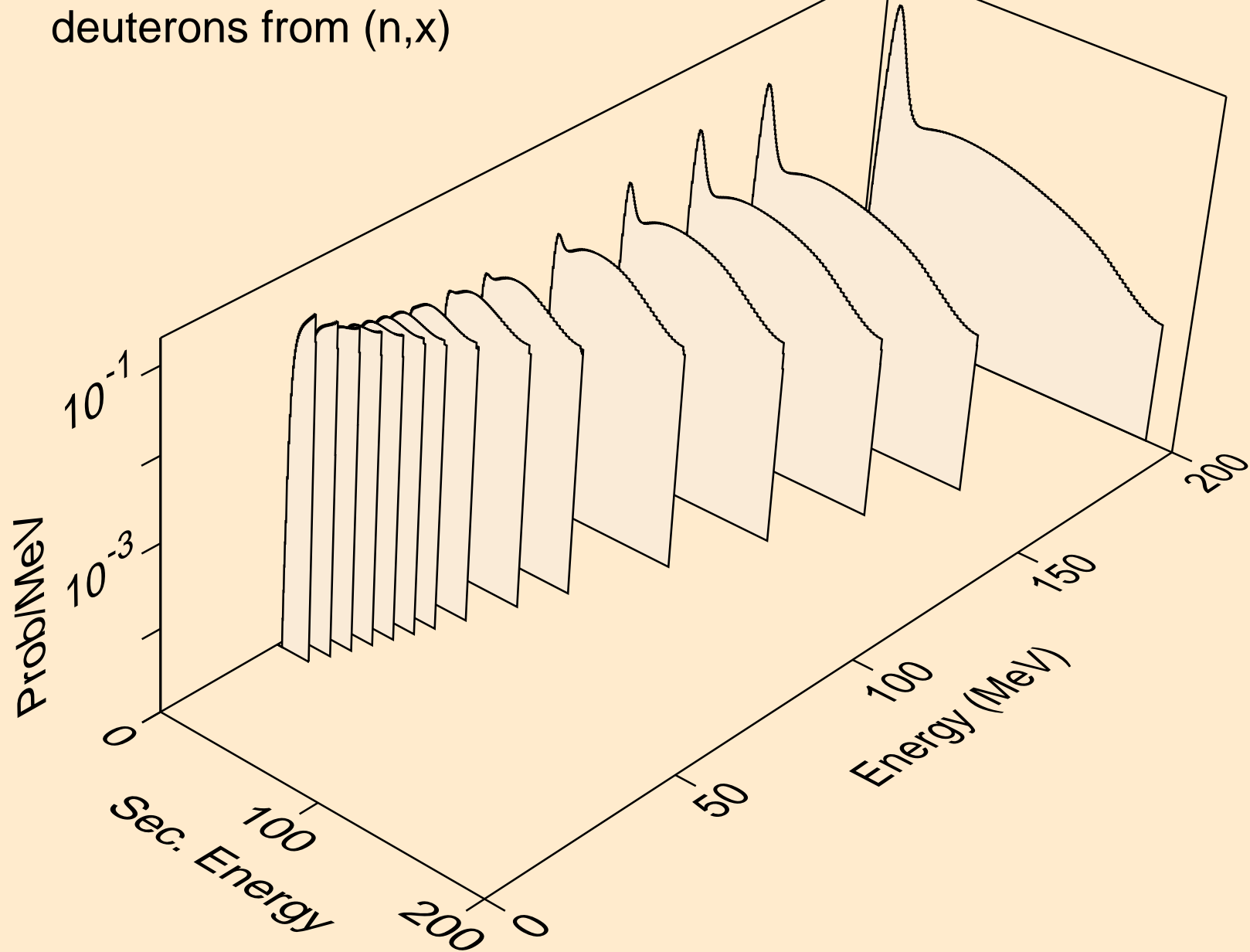
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

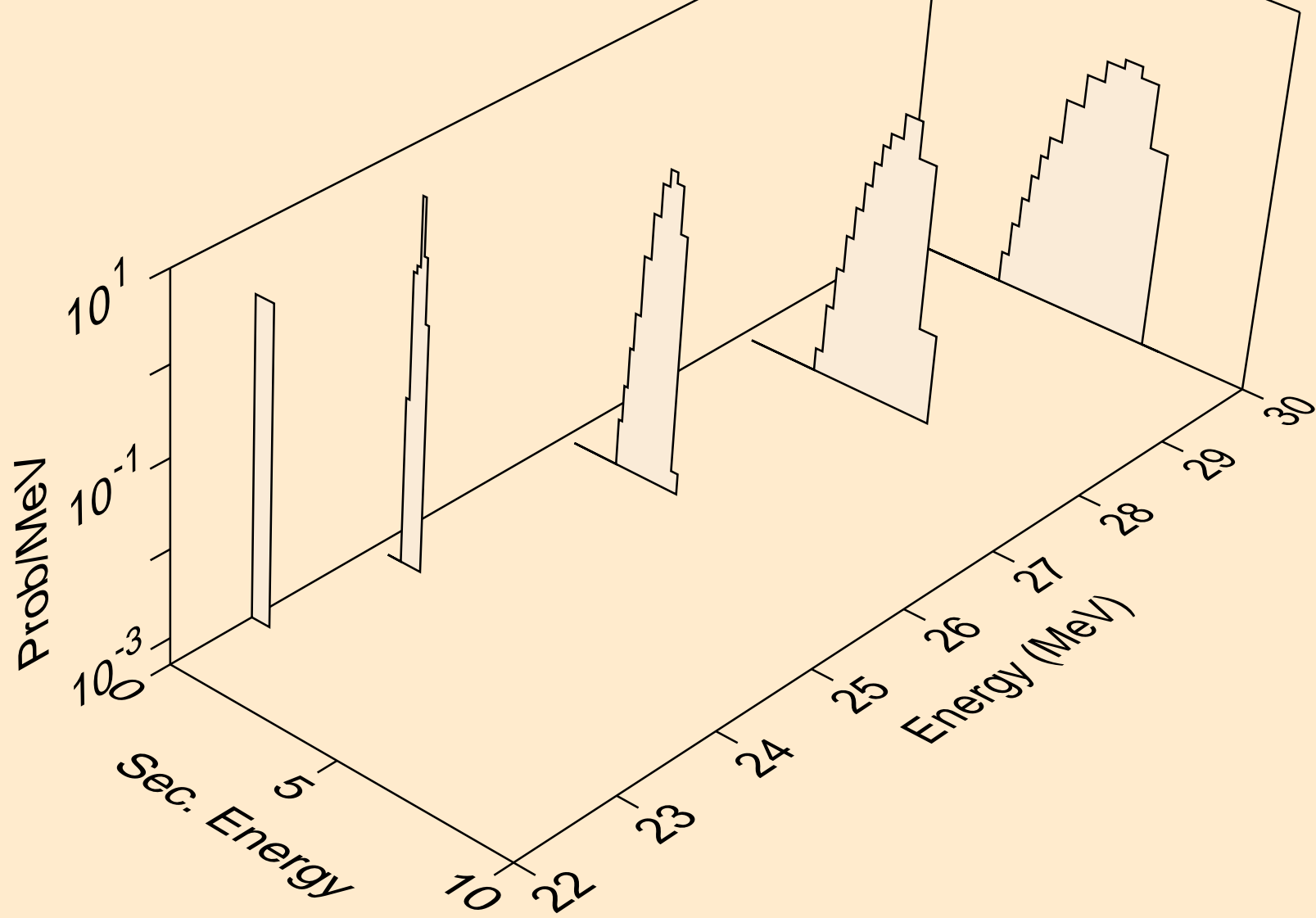


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deuterons from (n,x)

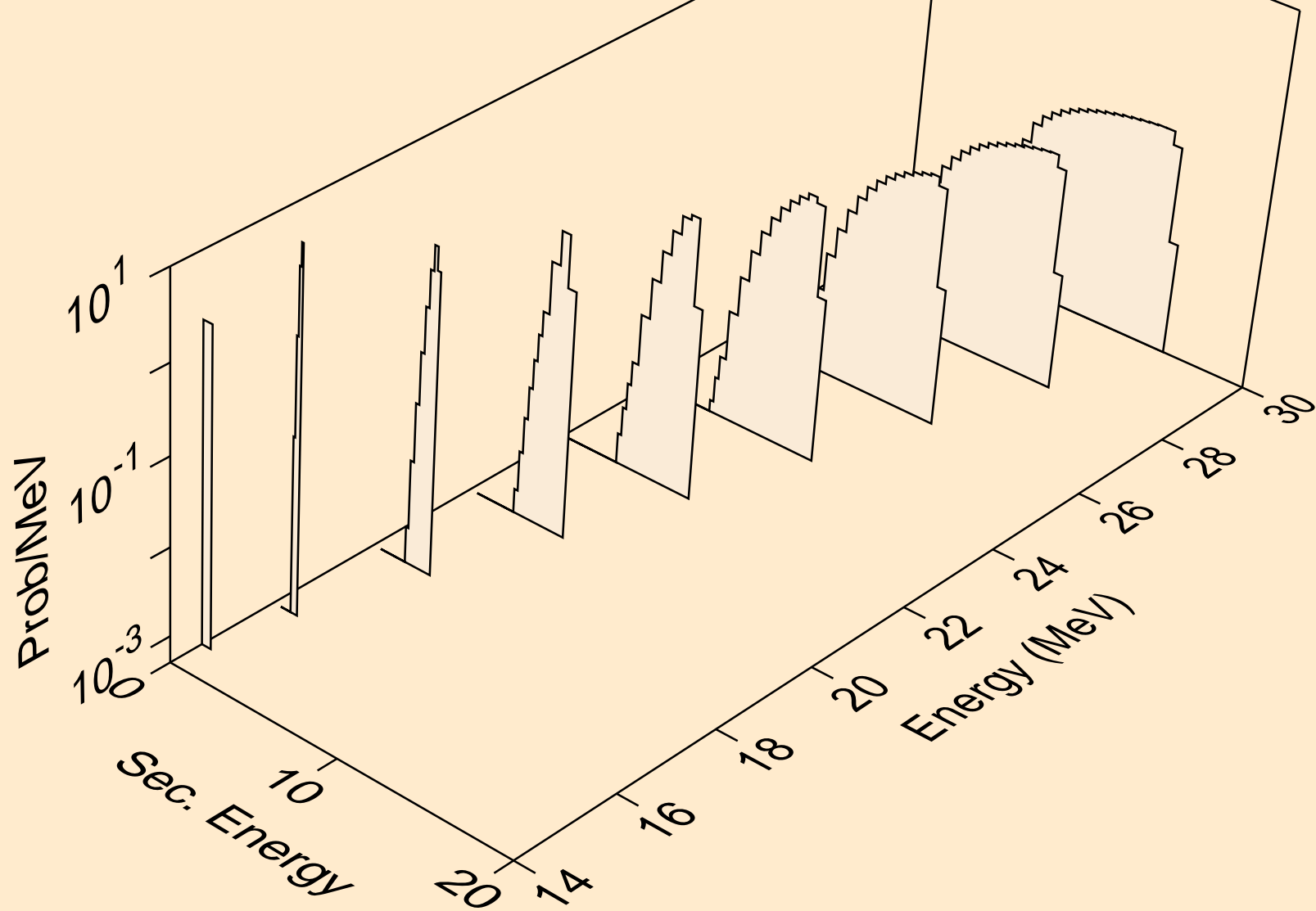




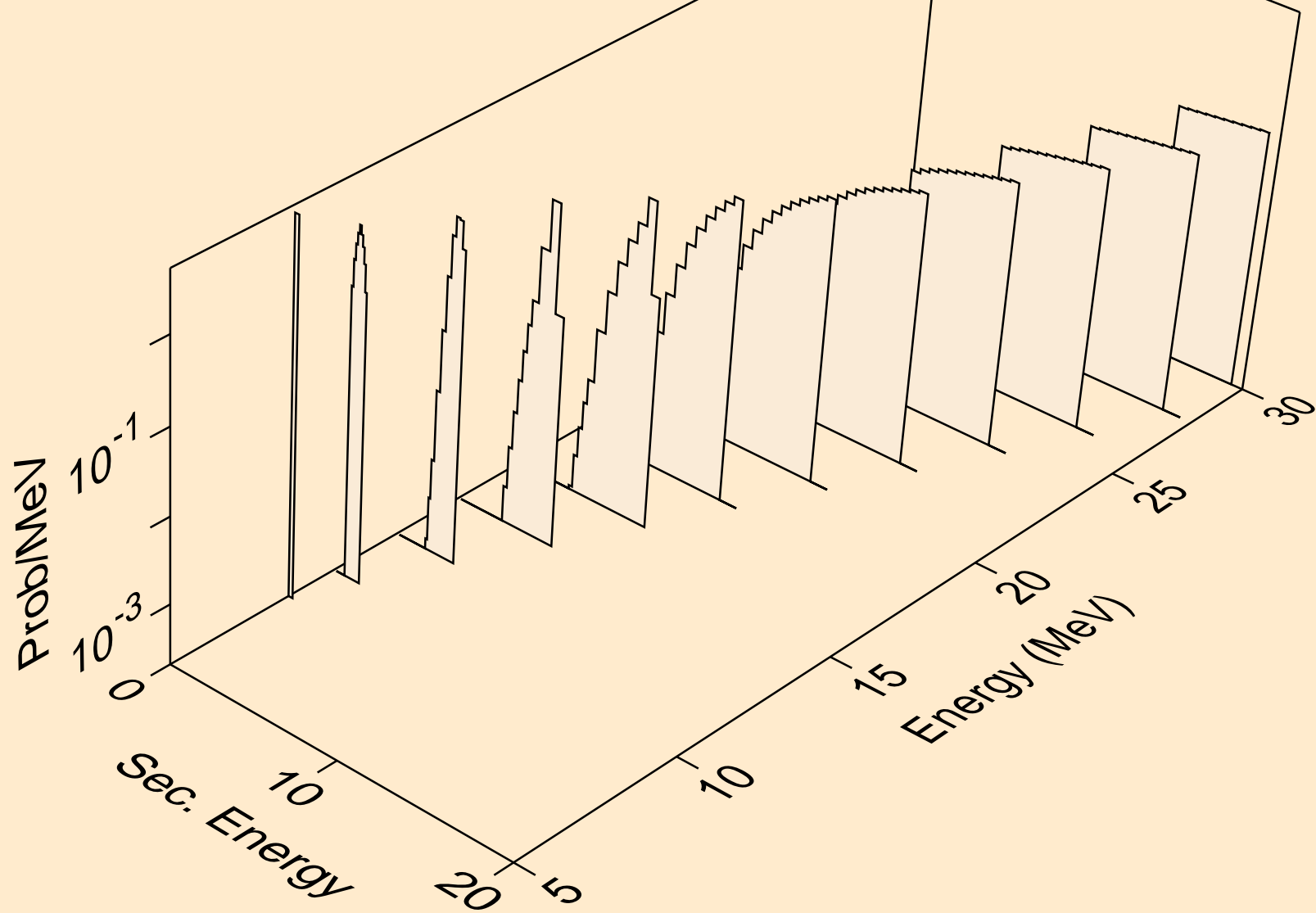
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deuterons from (n,2nd)



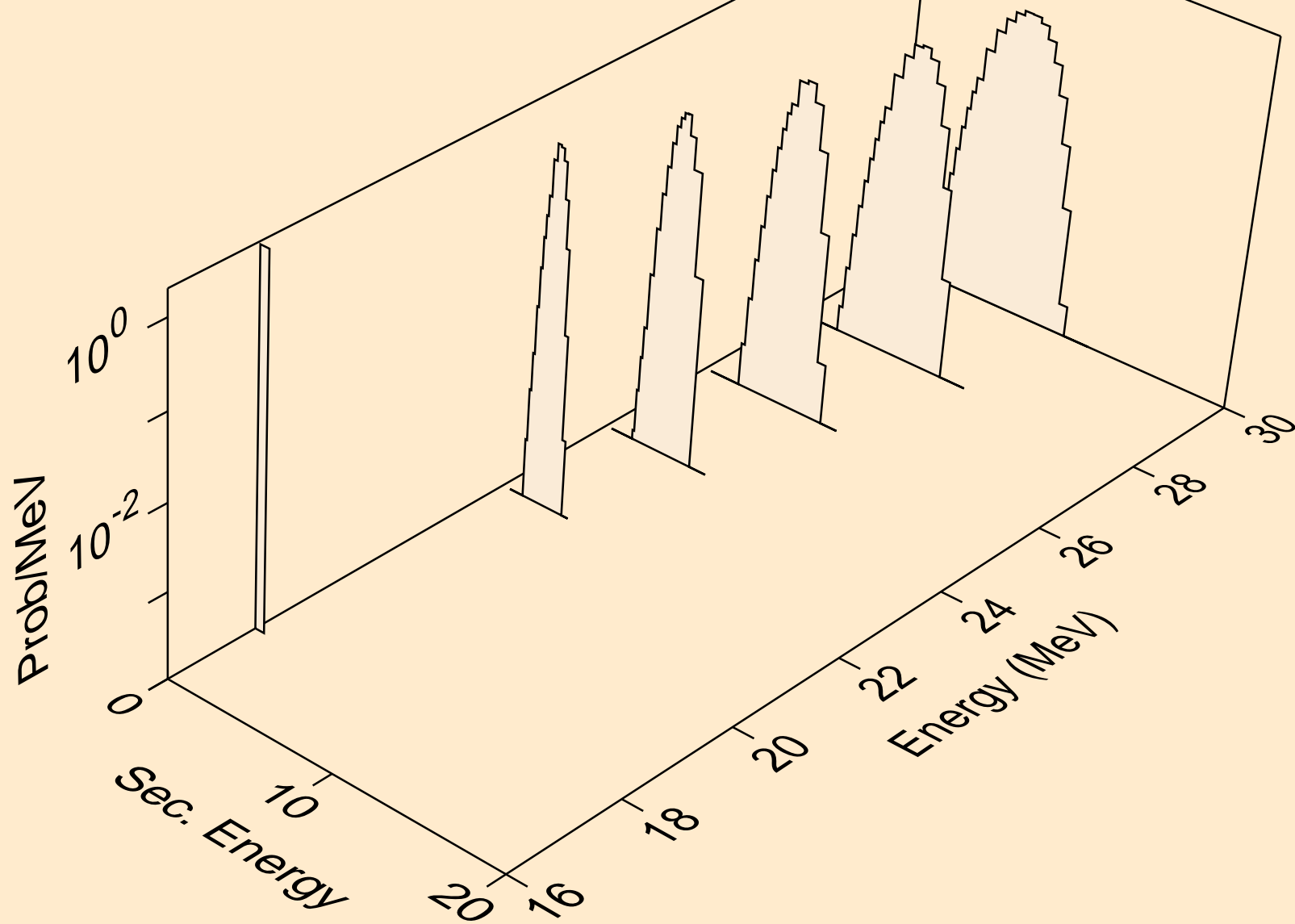
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deuterons from (n,n\*)d



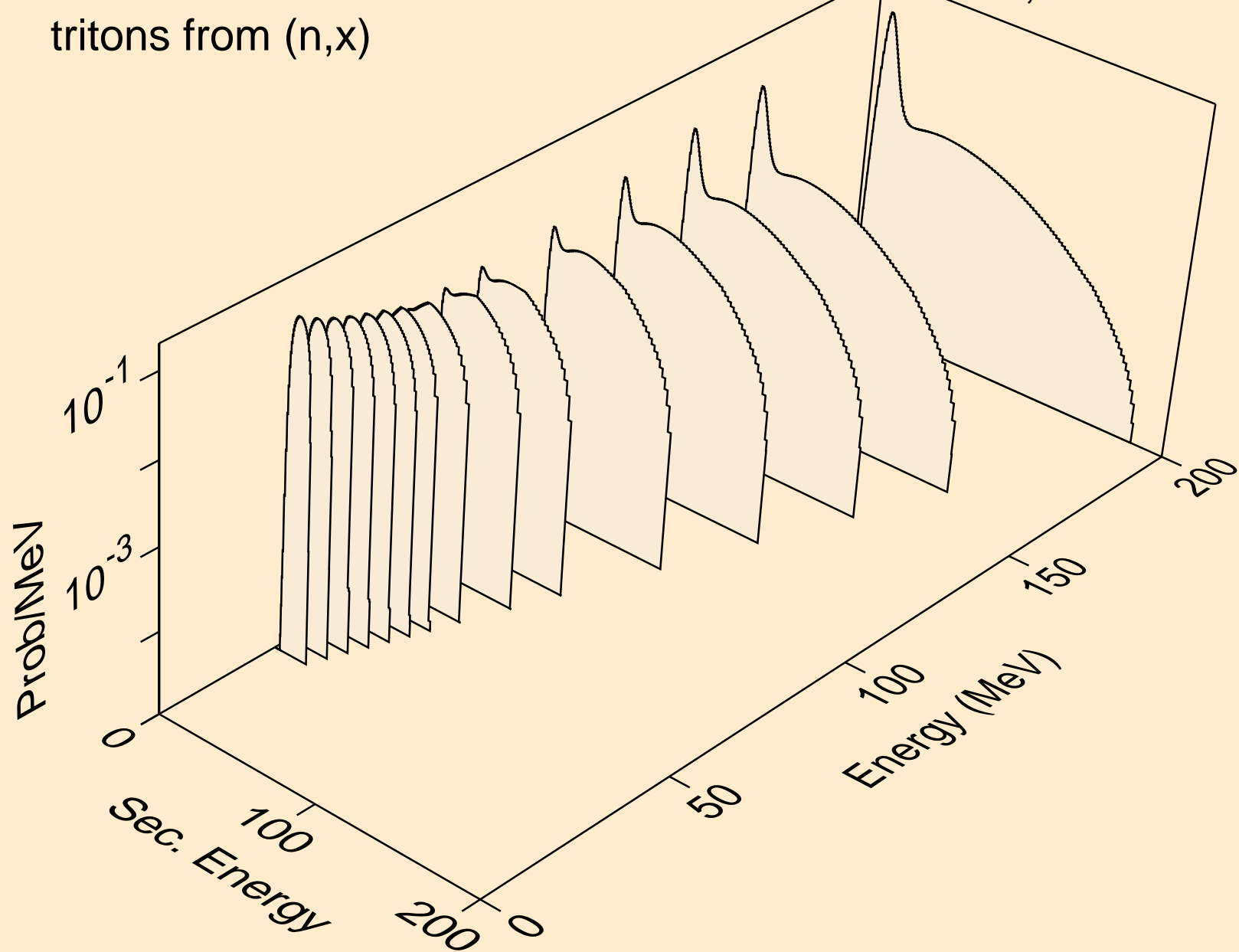
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deuterons from (n,d)



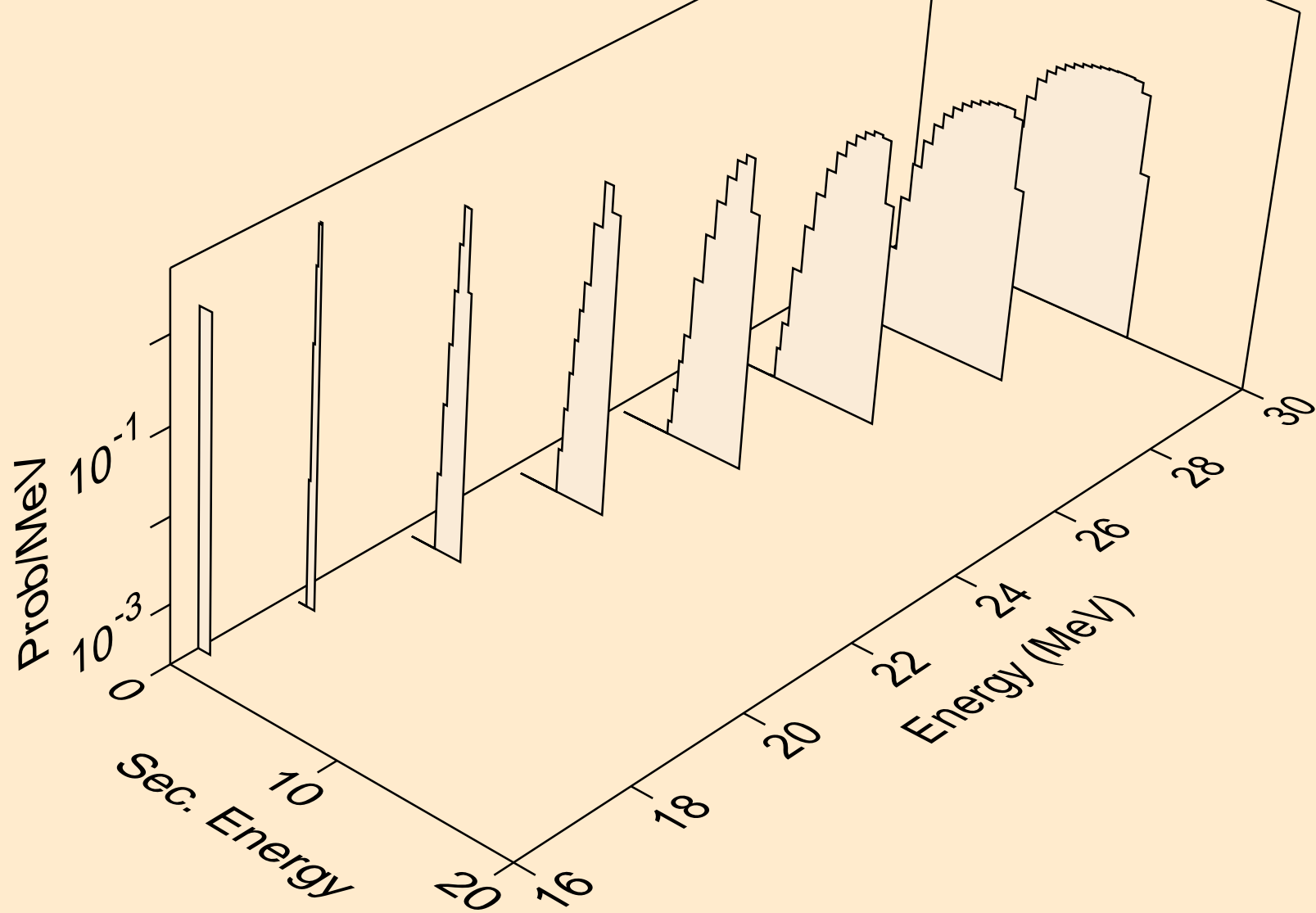
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deuterons from (n,pd)



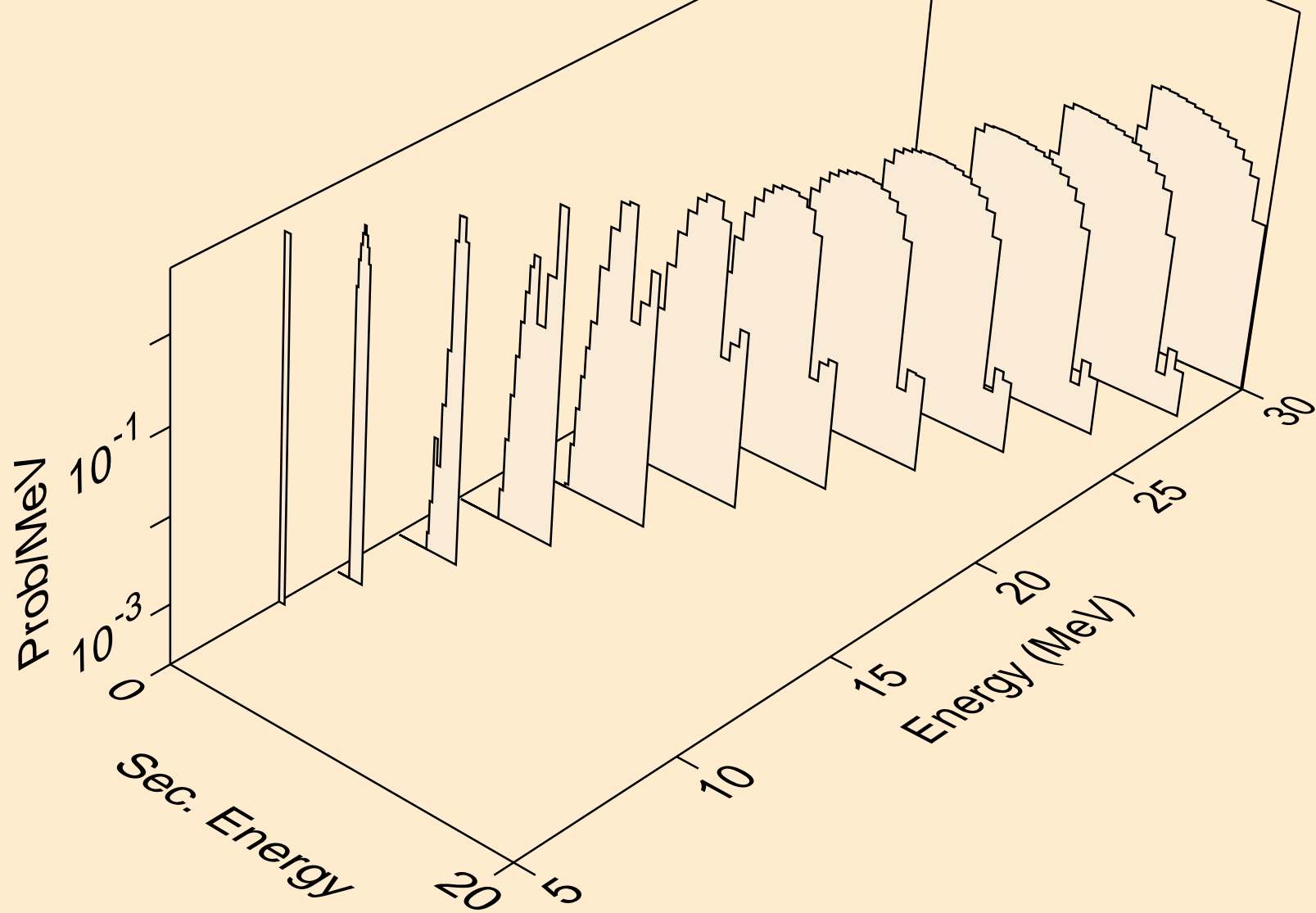
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



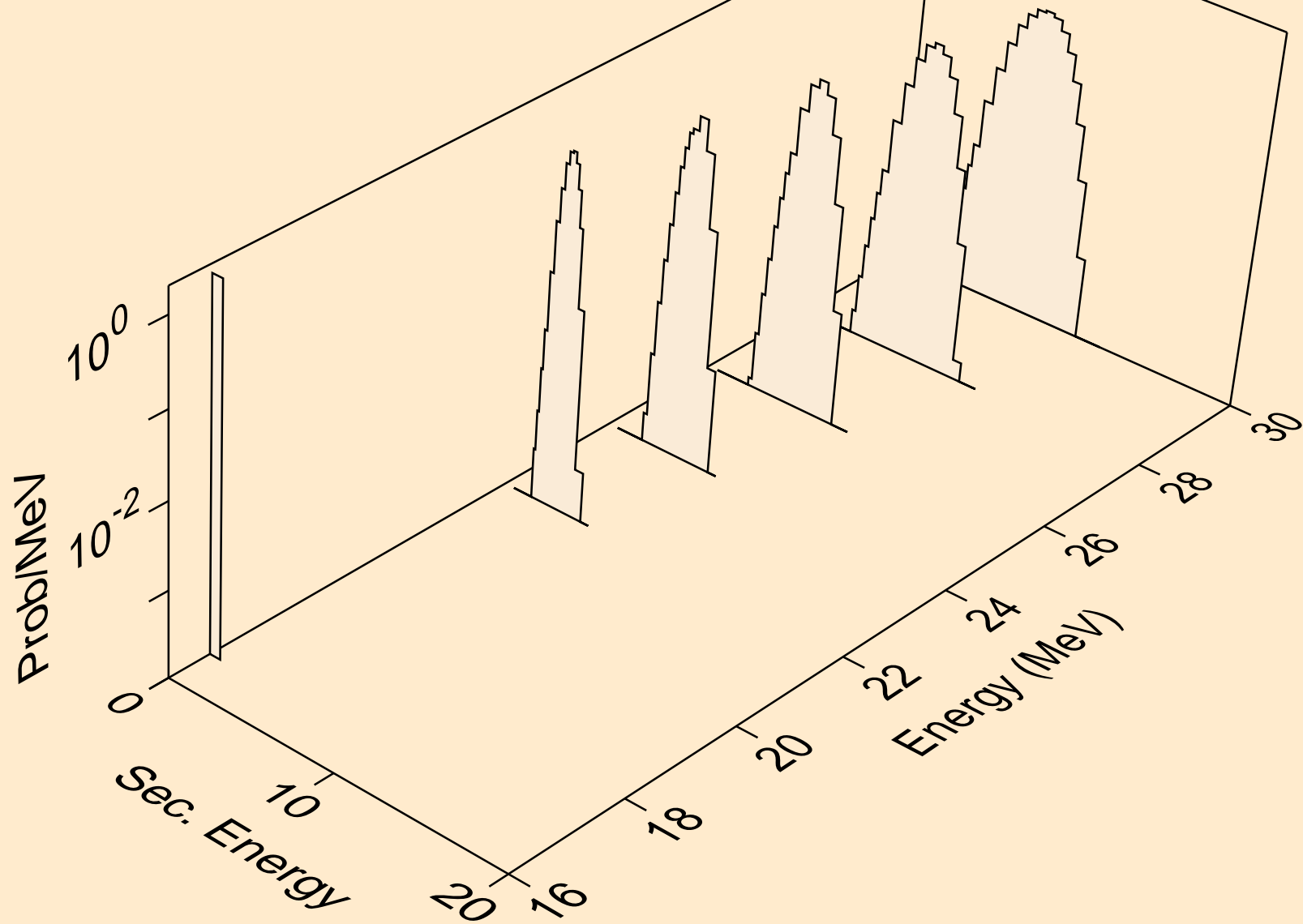
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

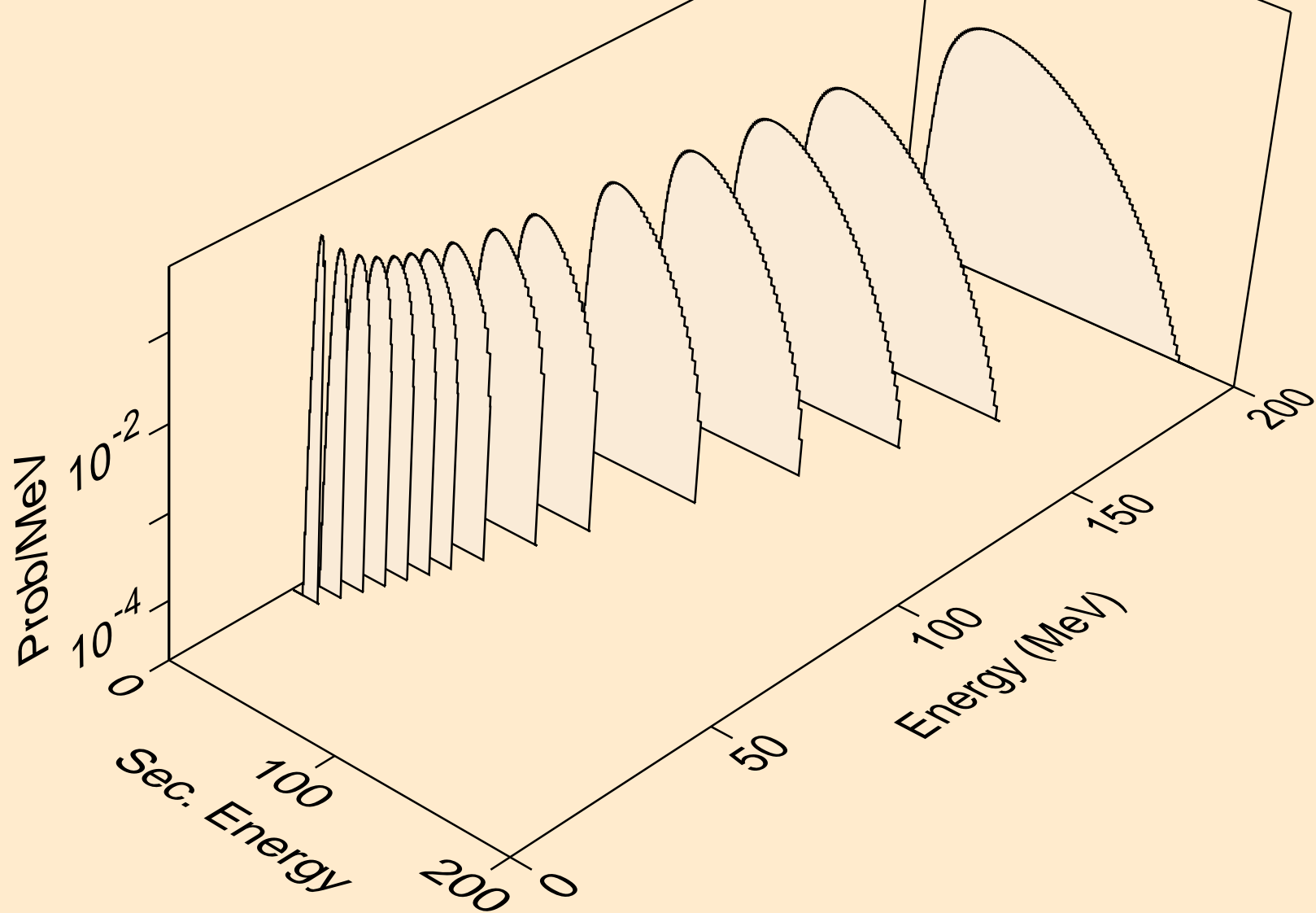


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tritons from (n,pt)

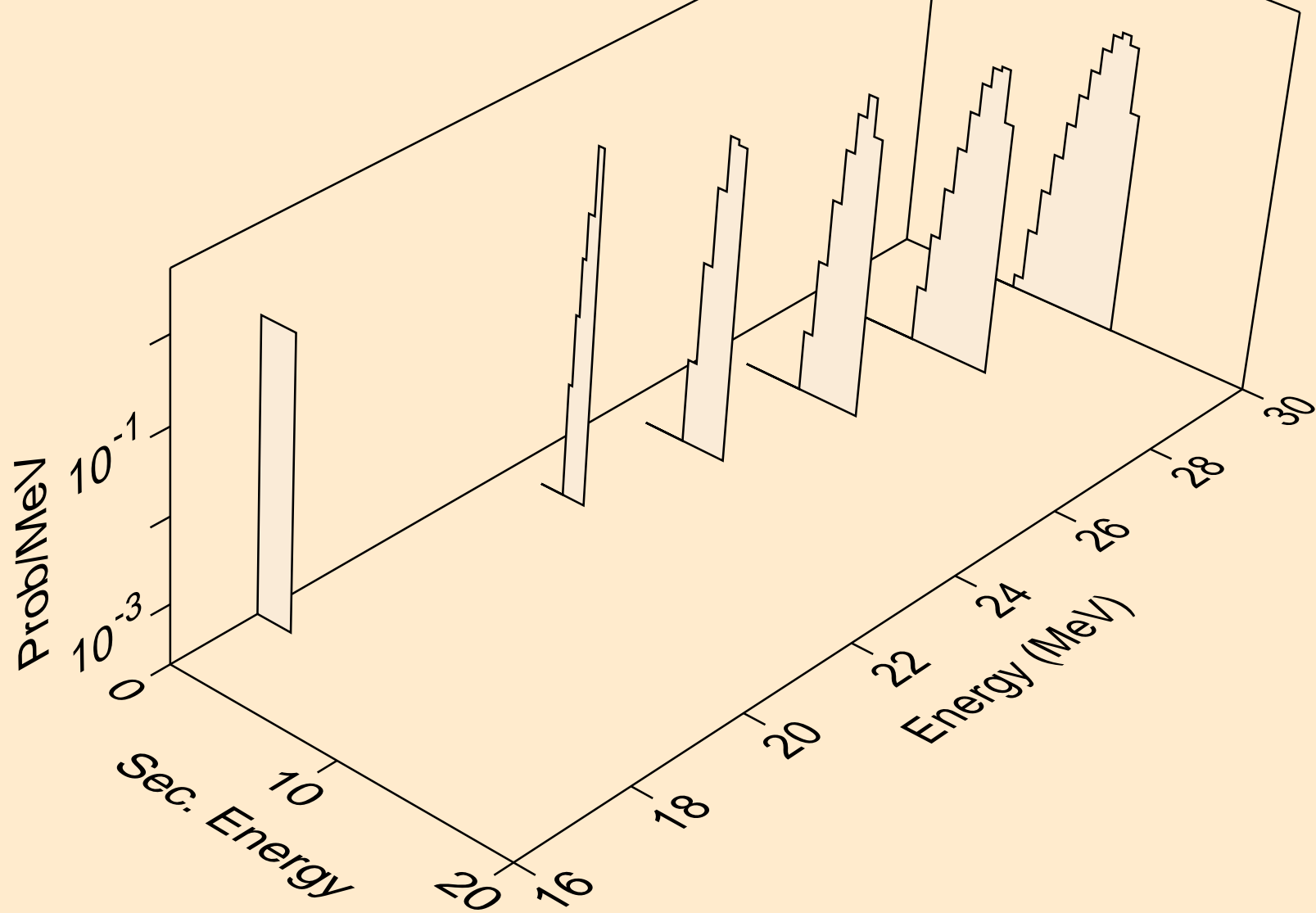




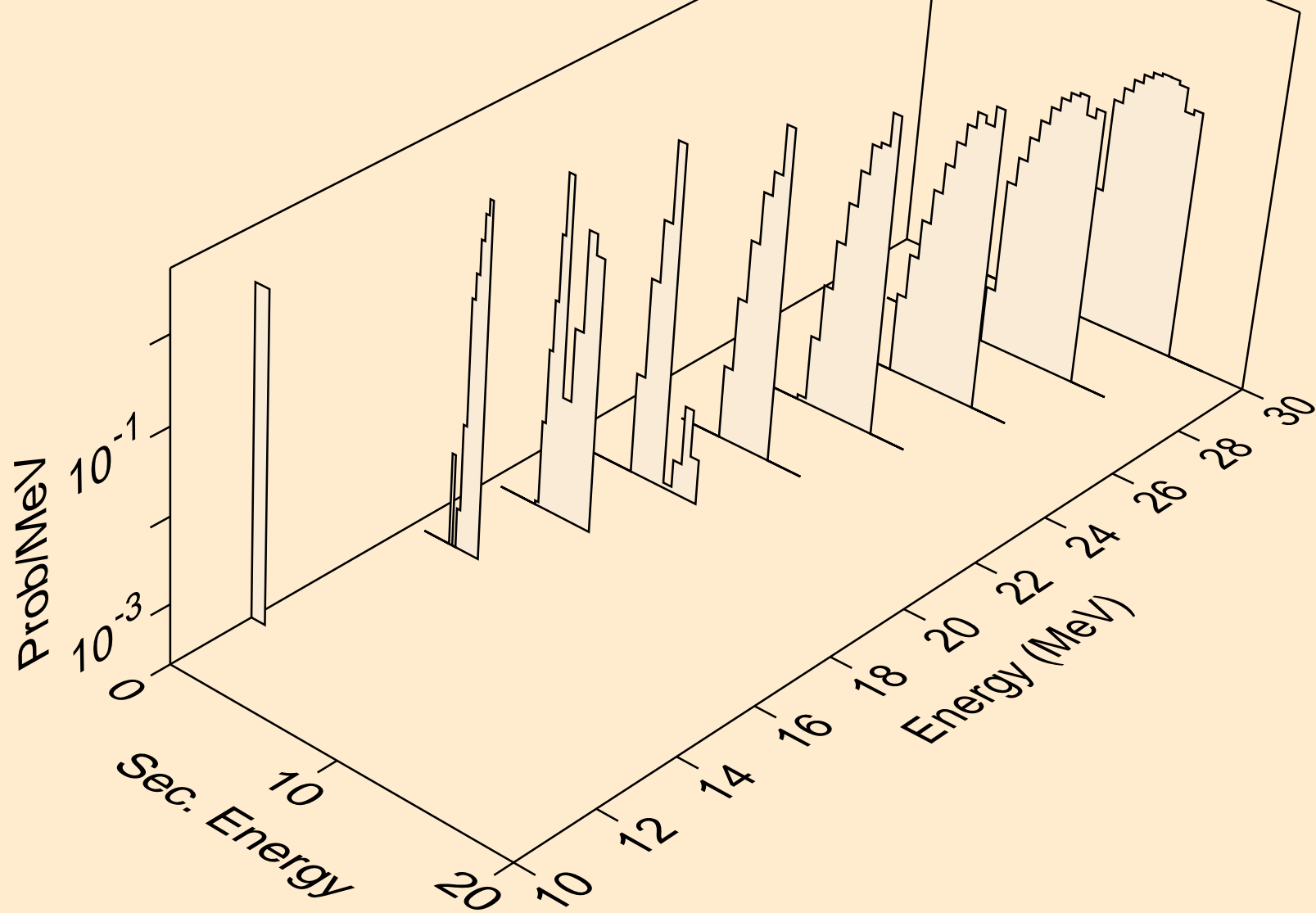
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



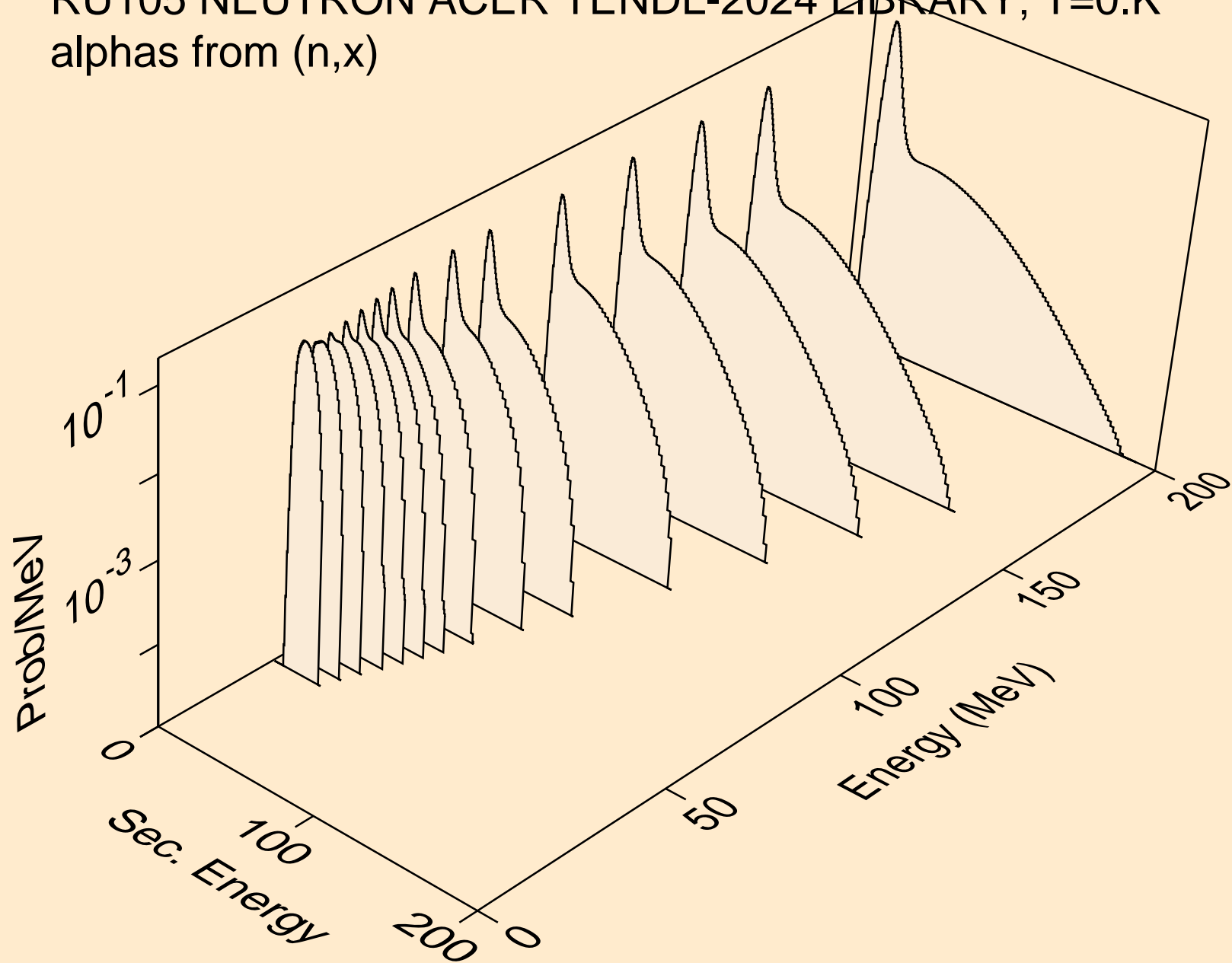
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



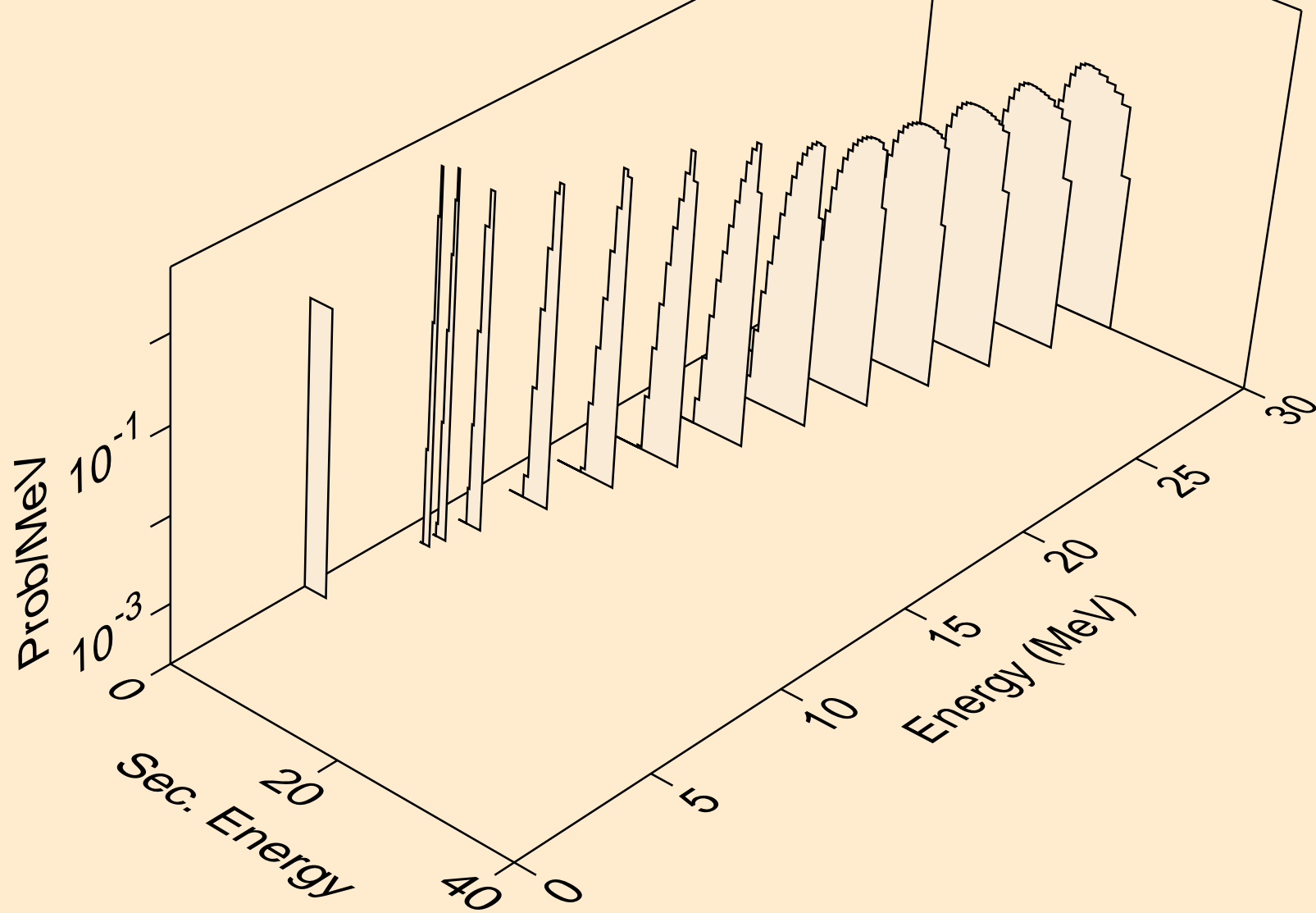
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he3s from (n,he3)



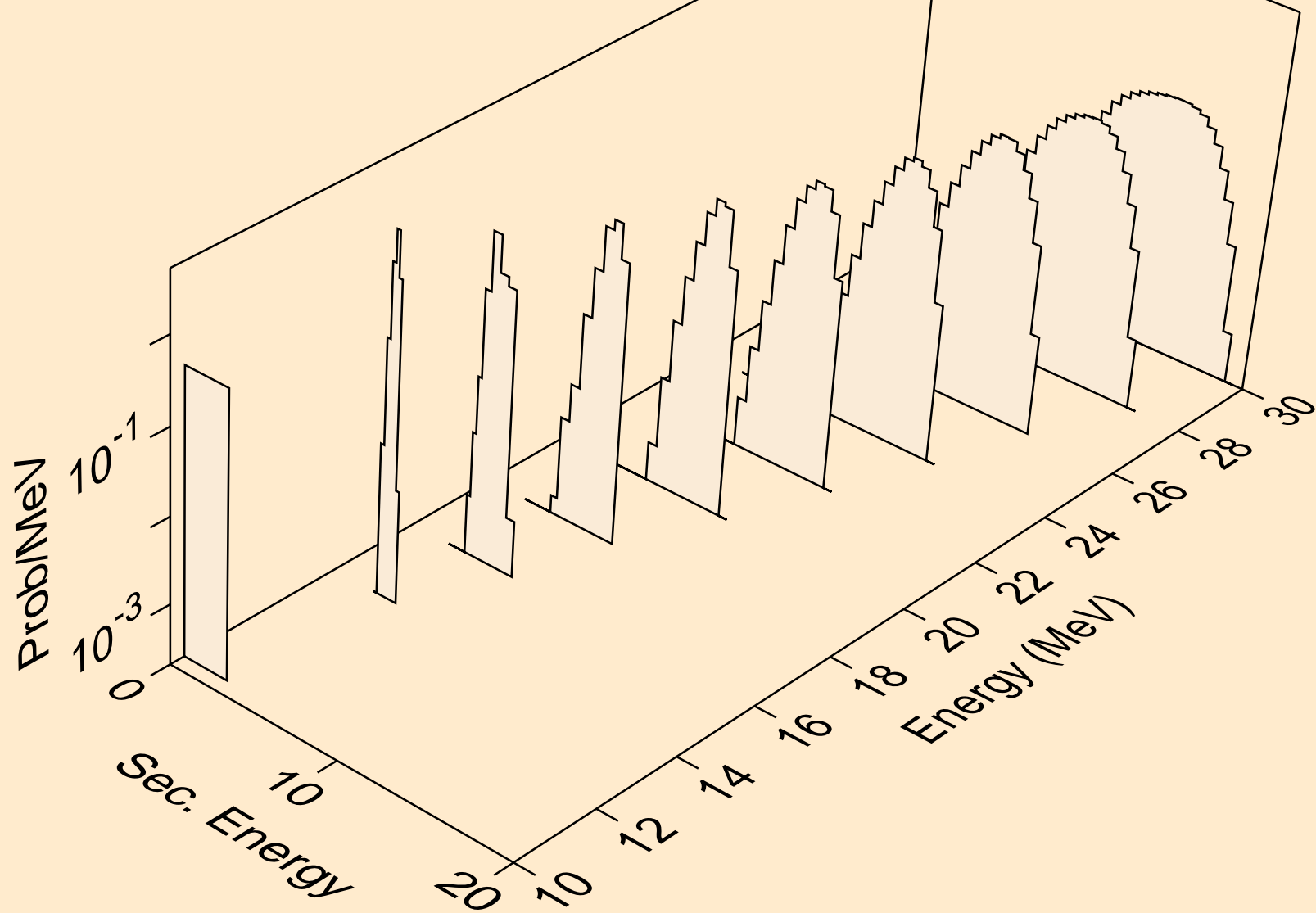
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alphas from (n,x)



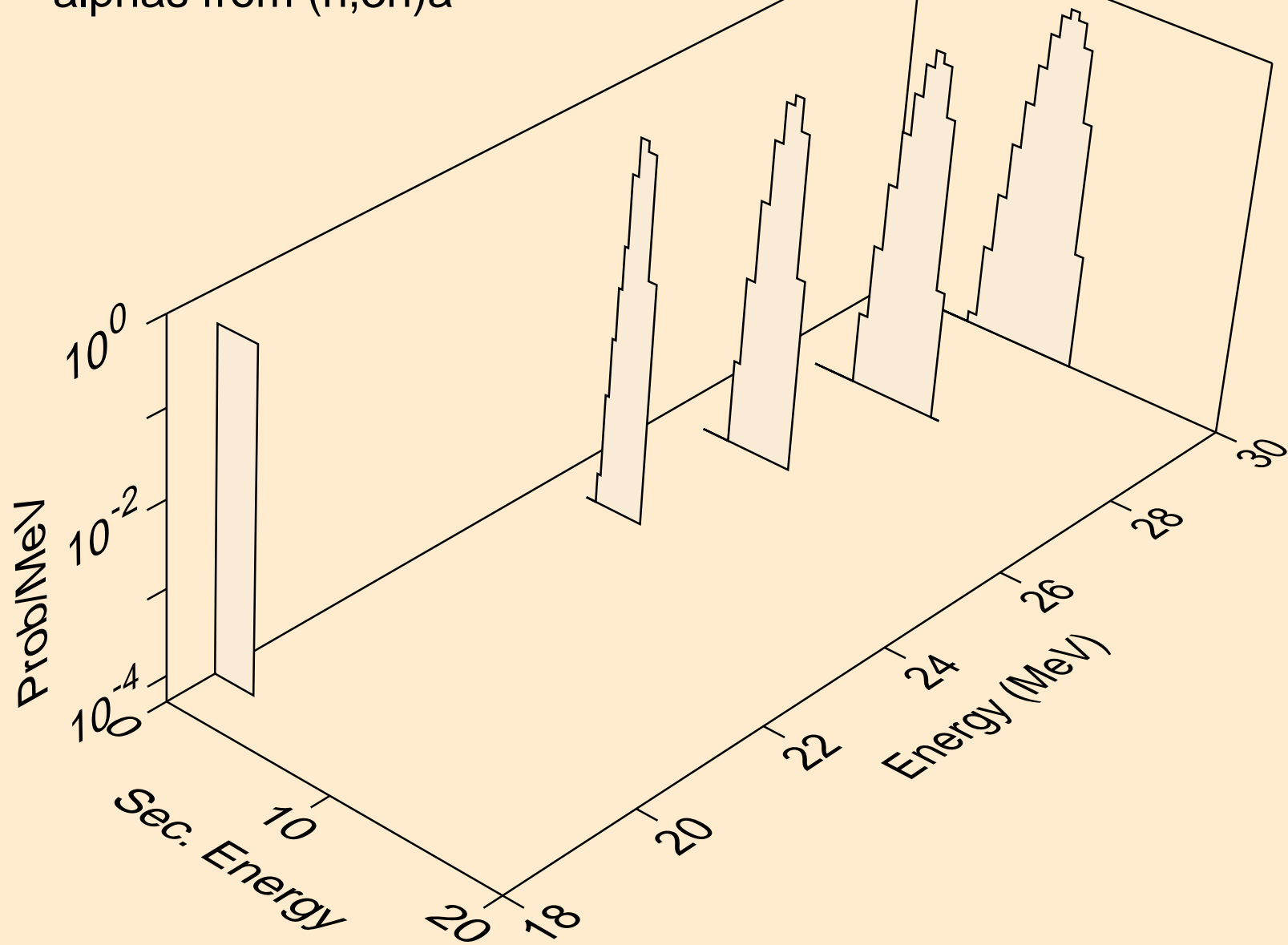
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alphas from (n,n\*)a



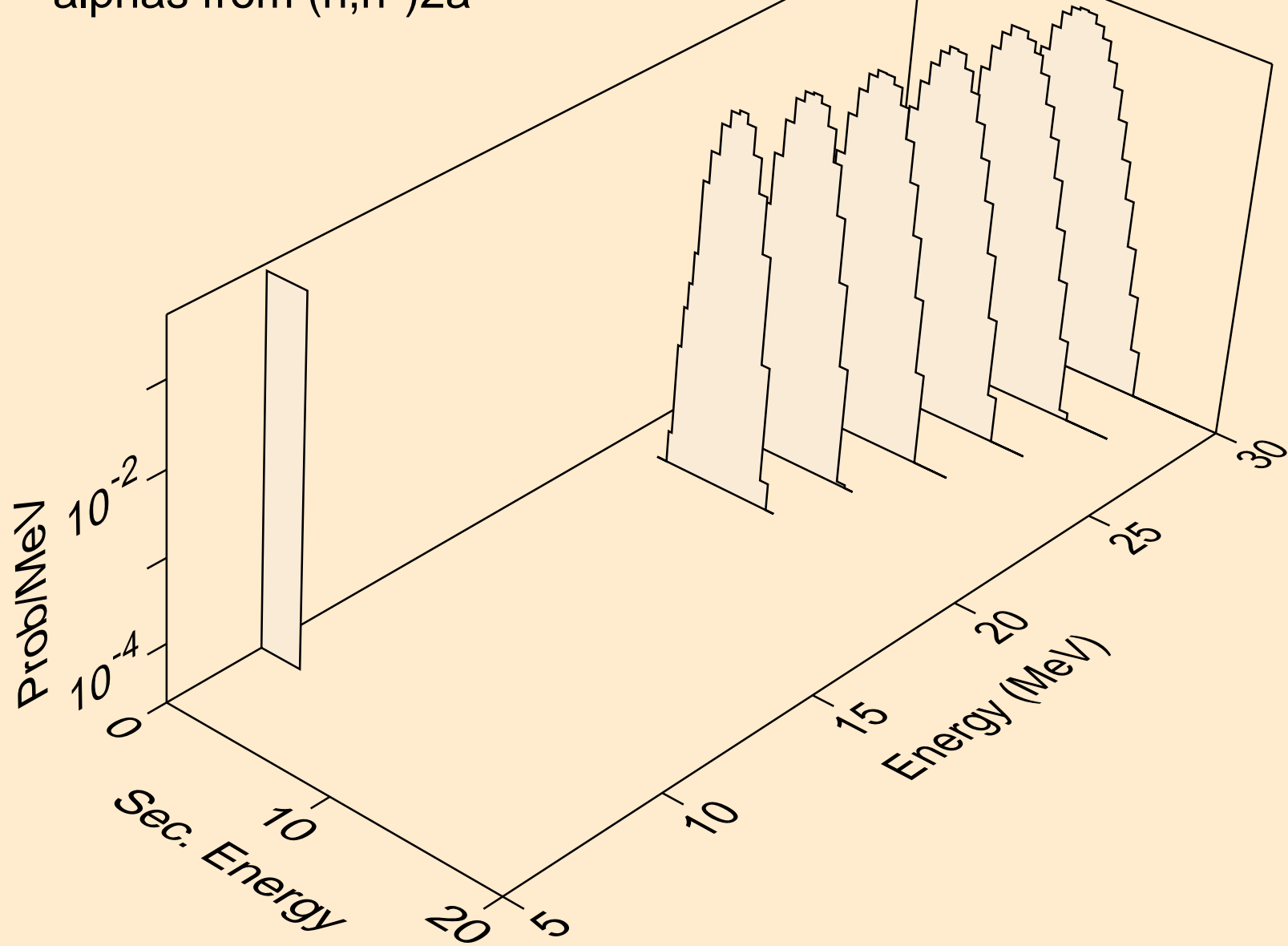
RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

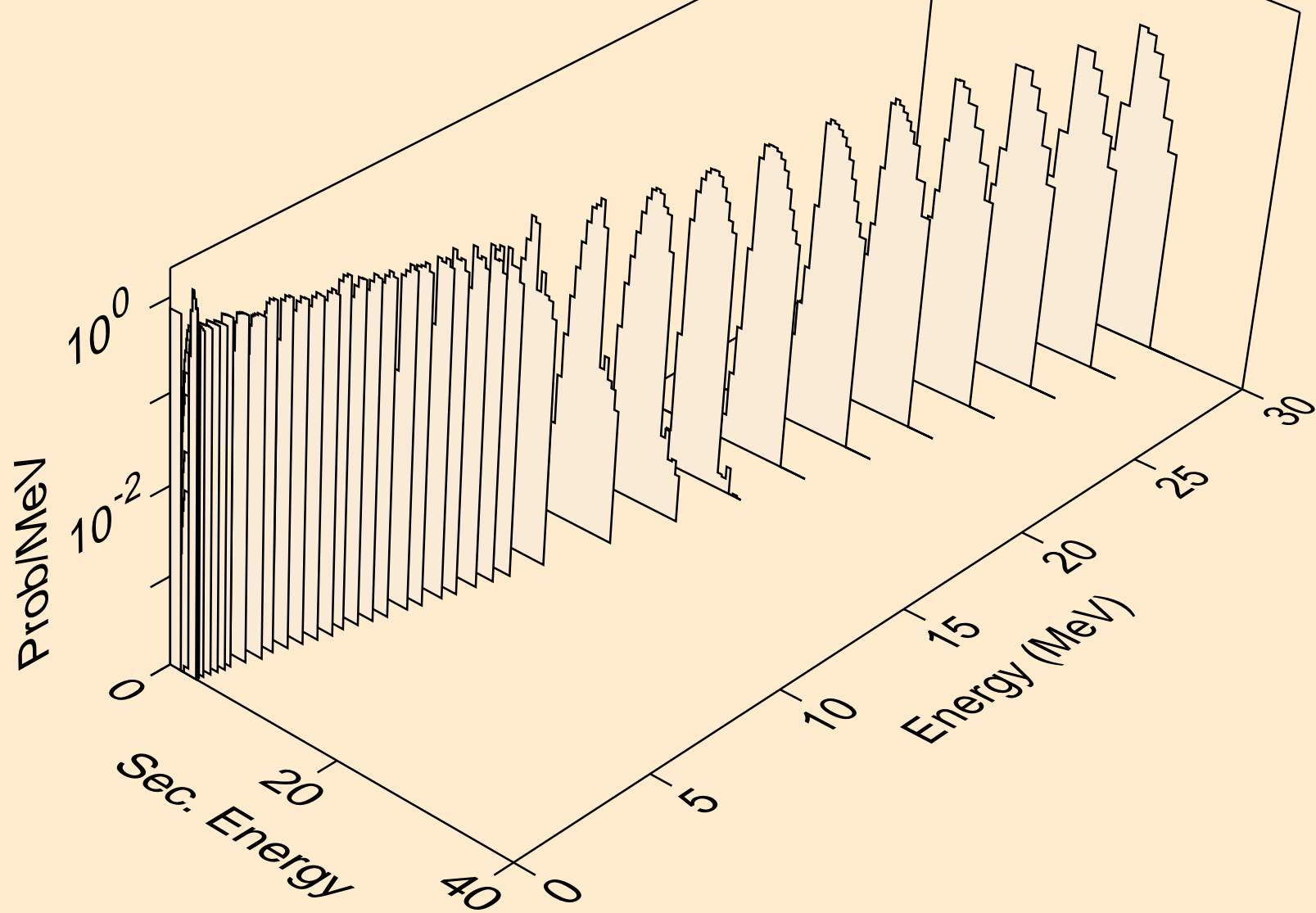


RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

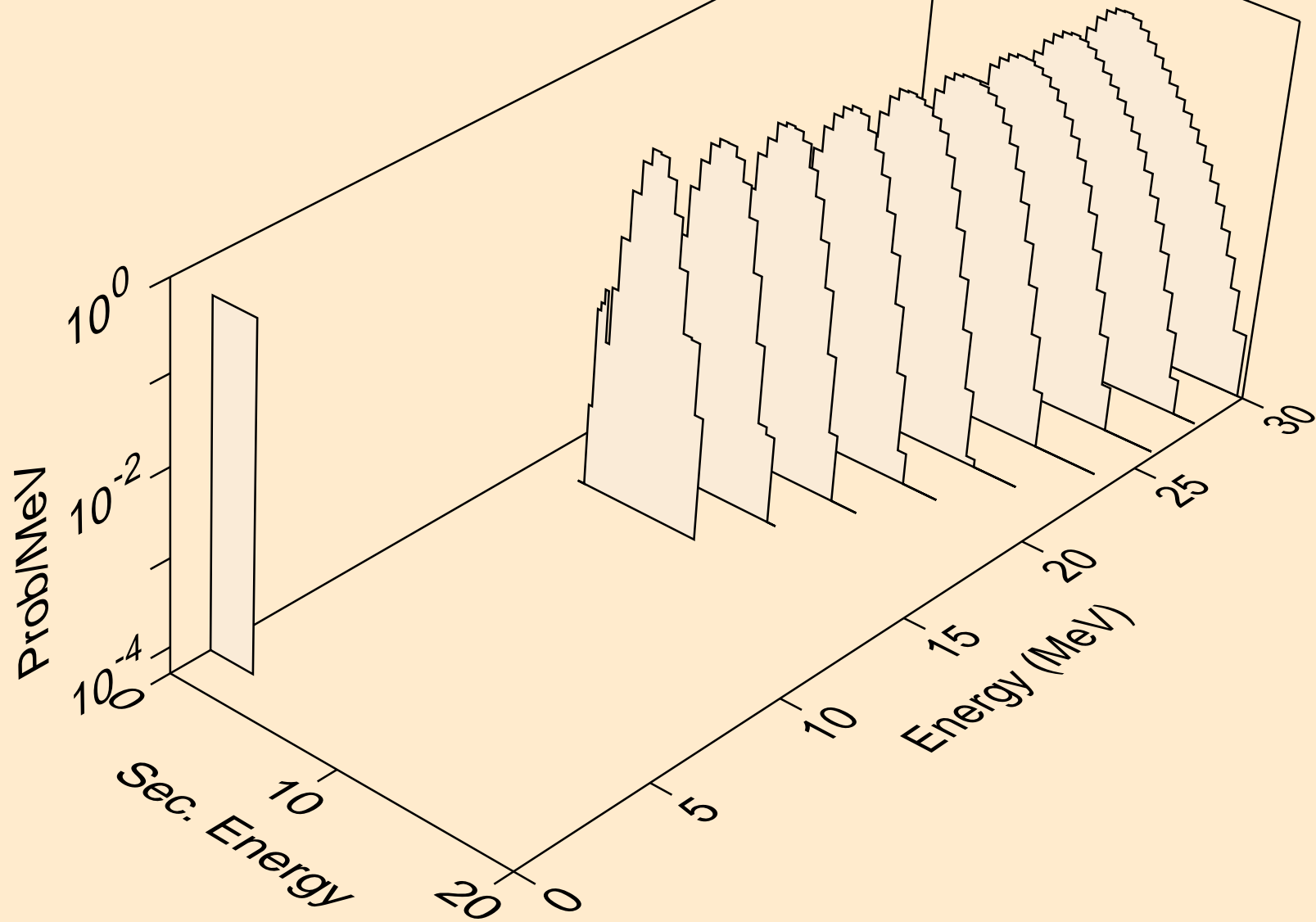




RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



RU105 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

