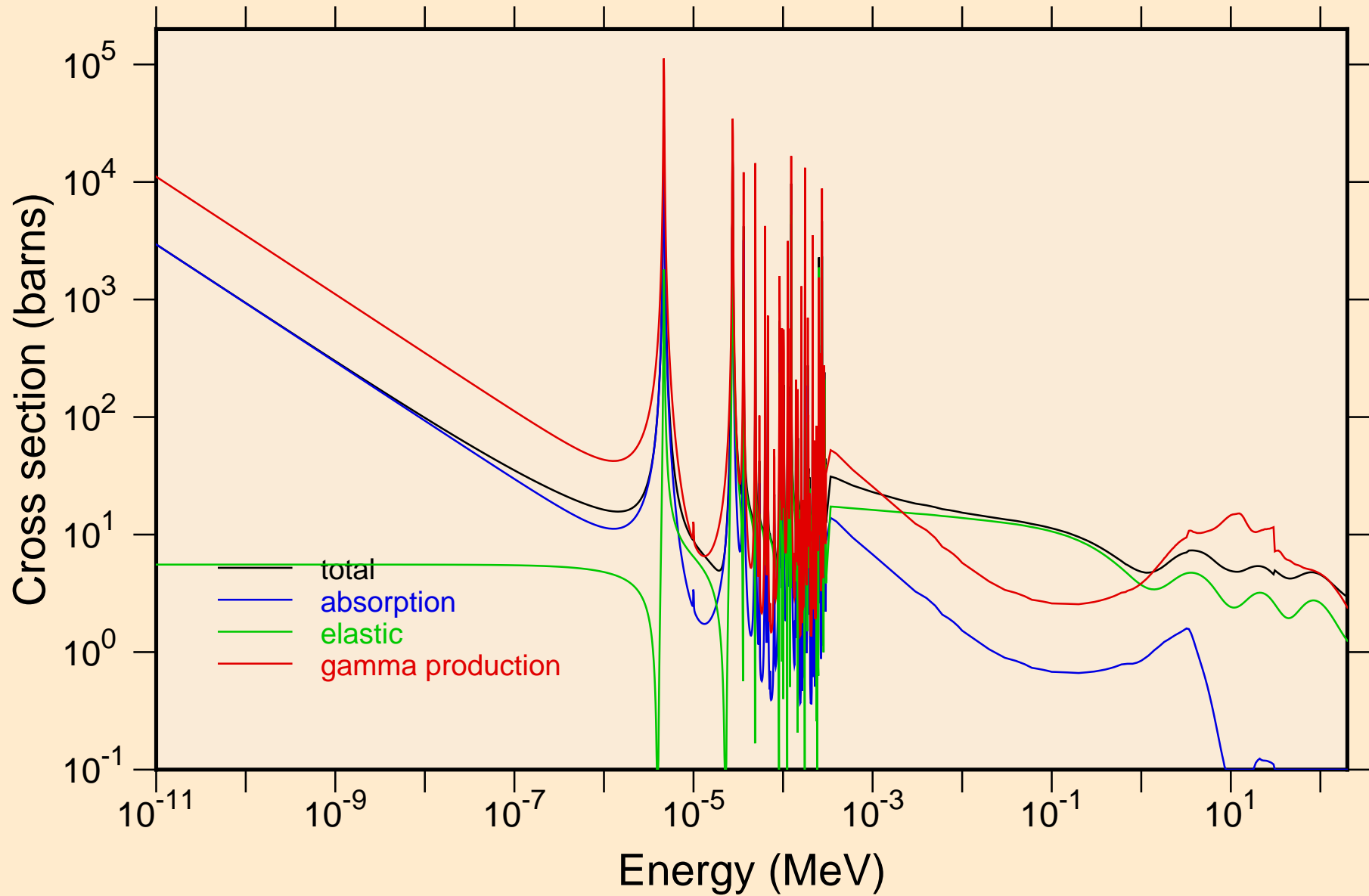
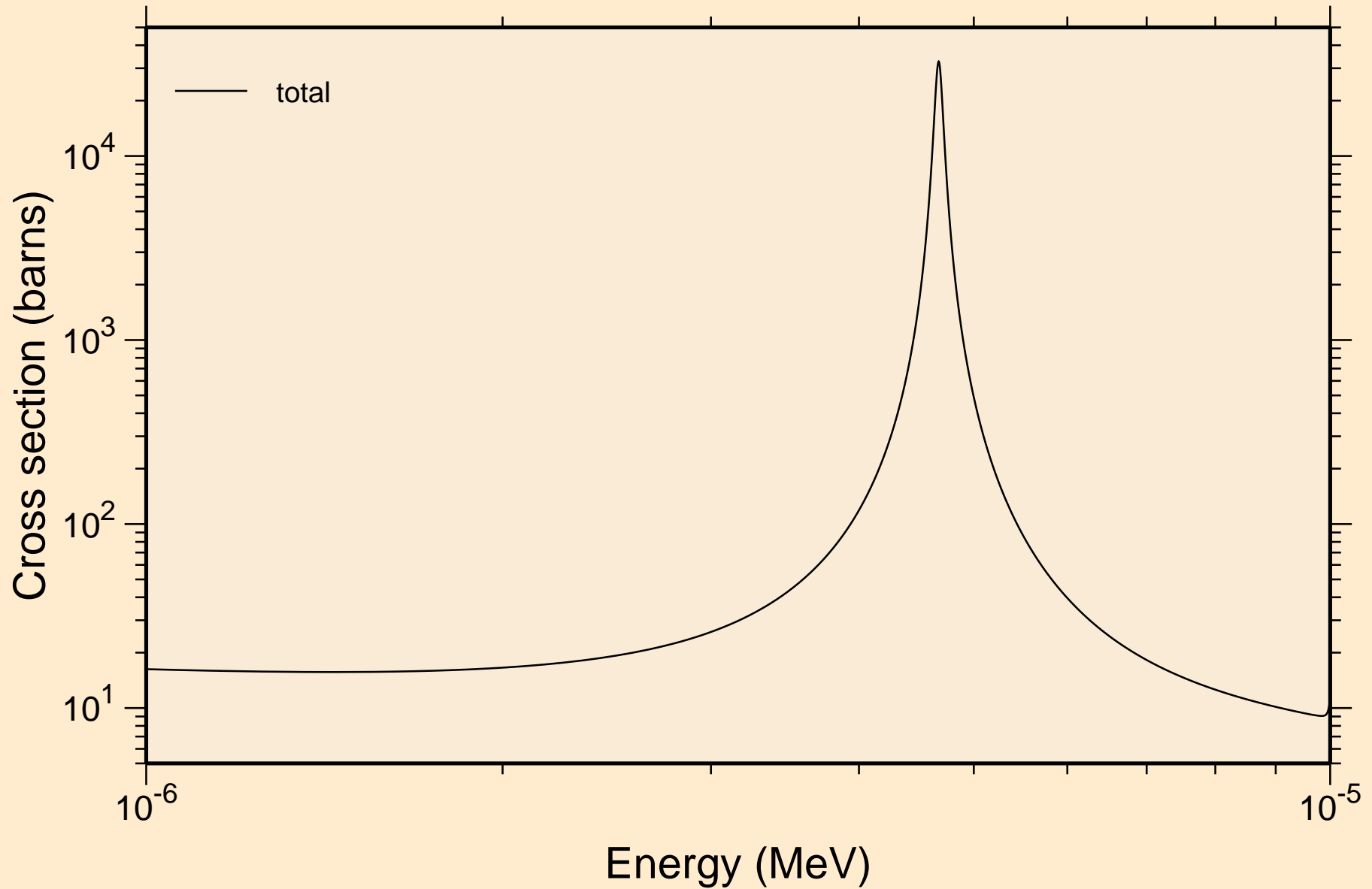


# PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

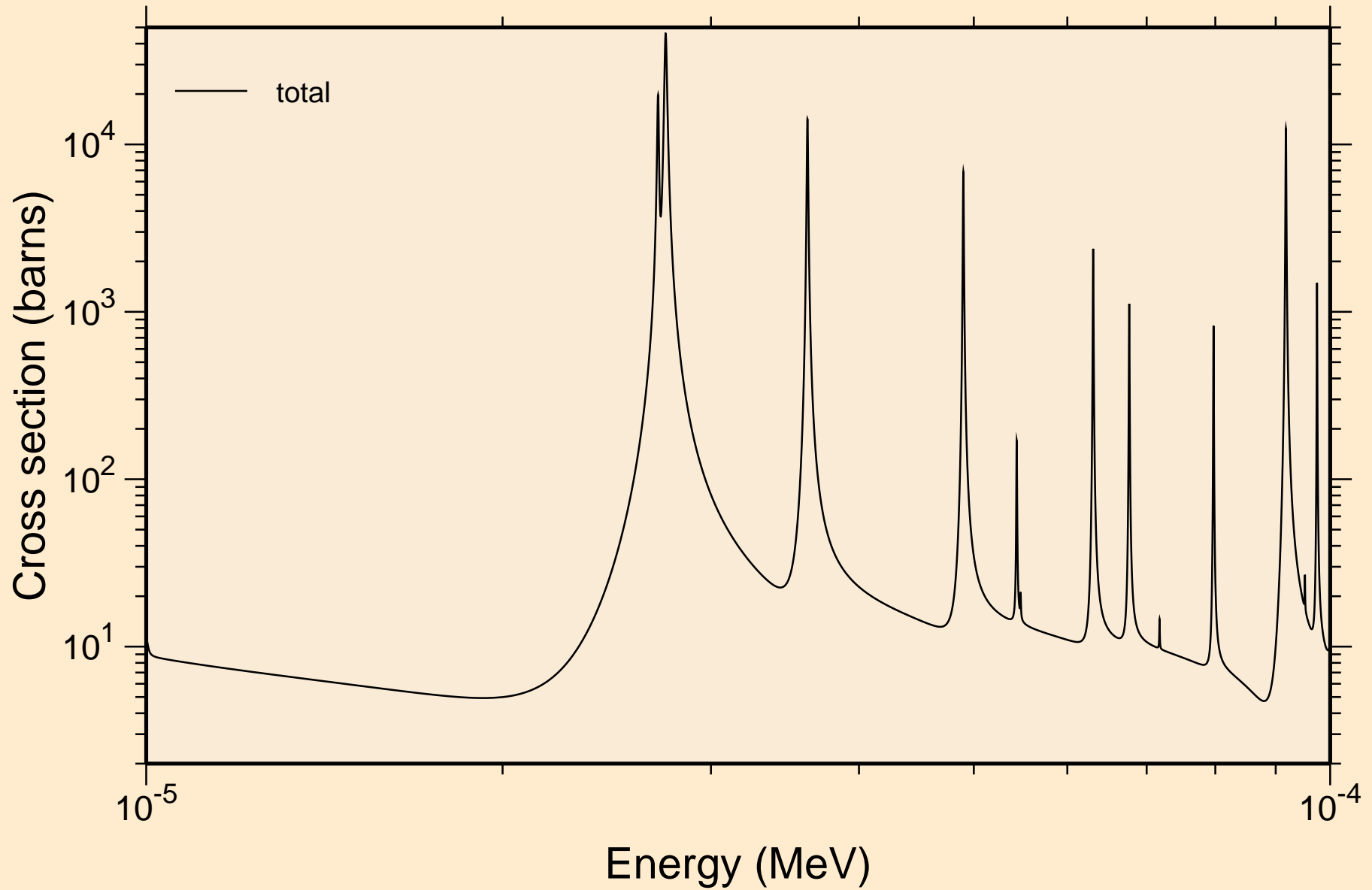
## Principal cross sections



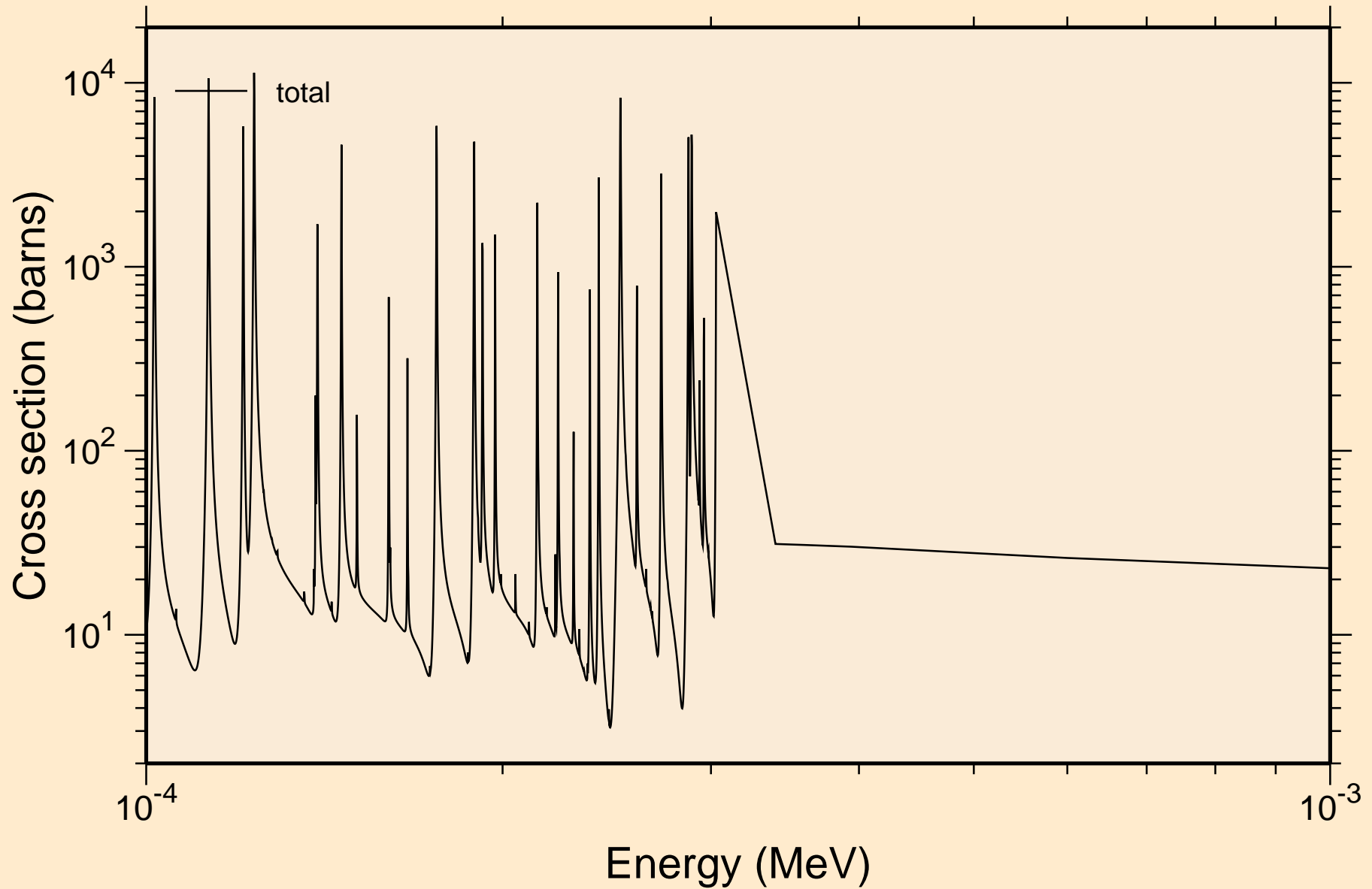
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



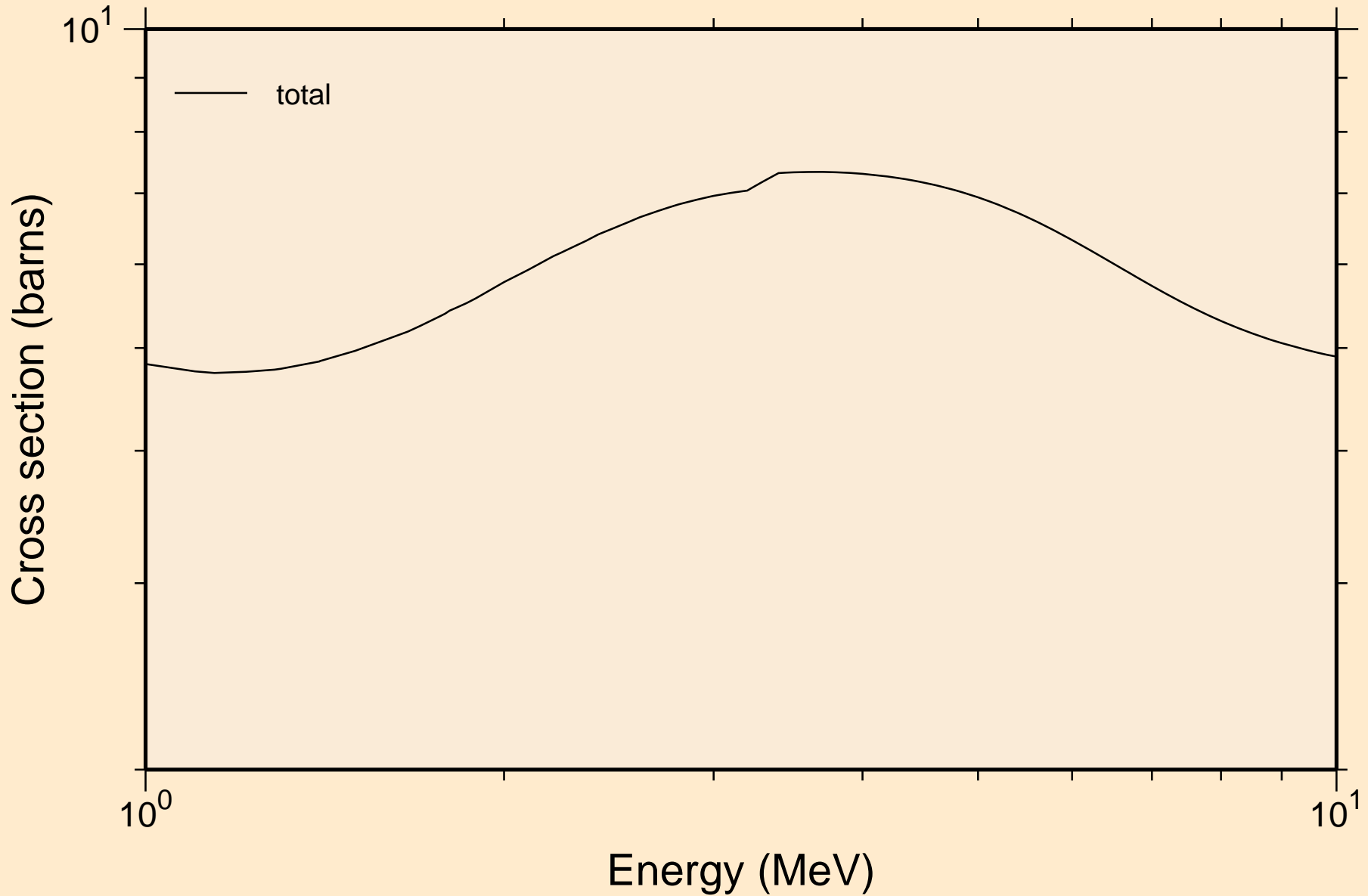
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section

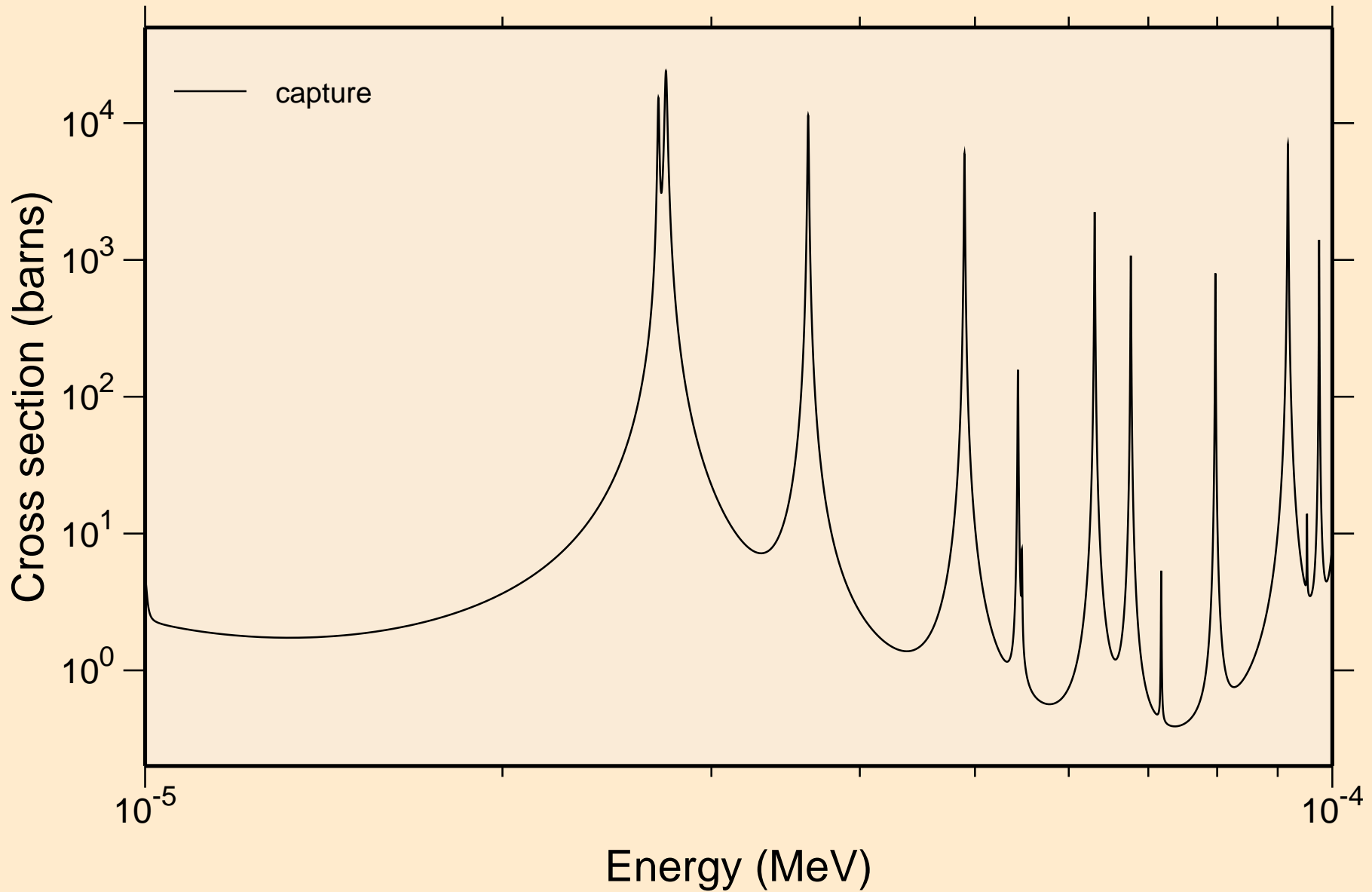


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section

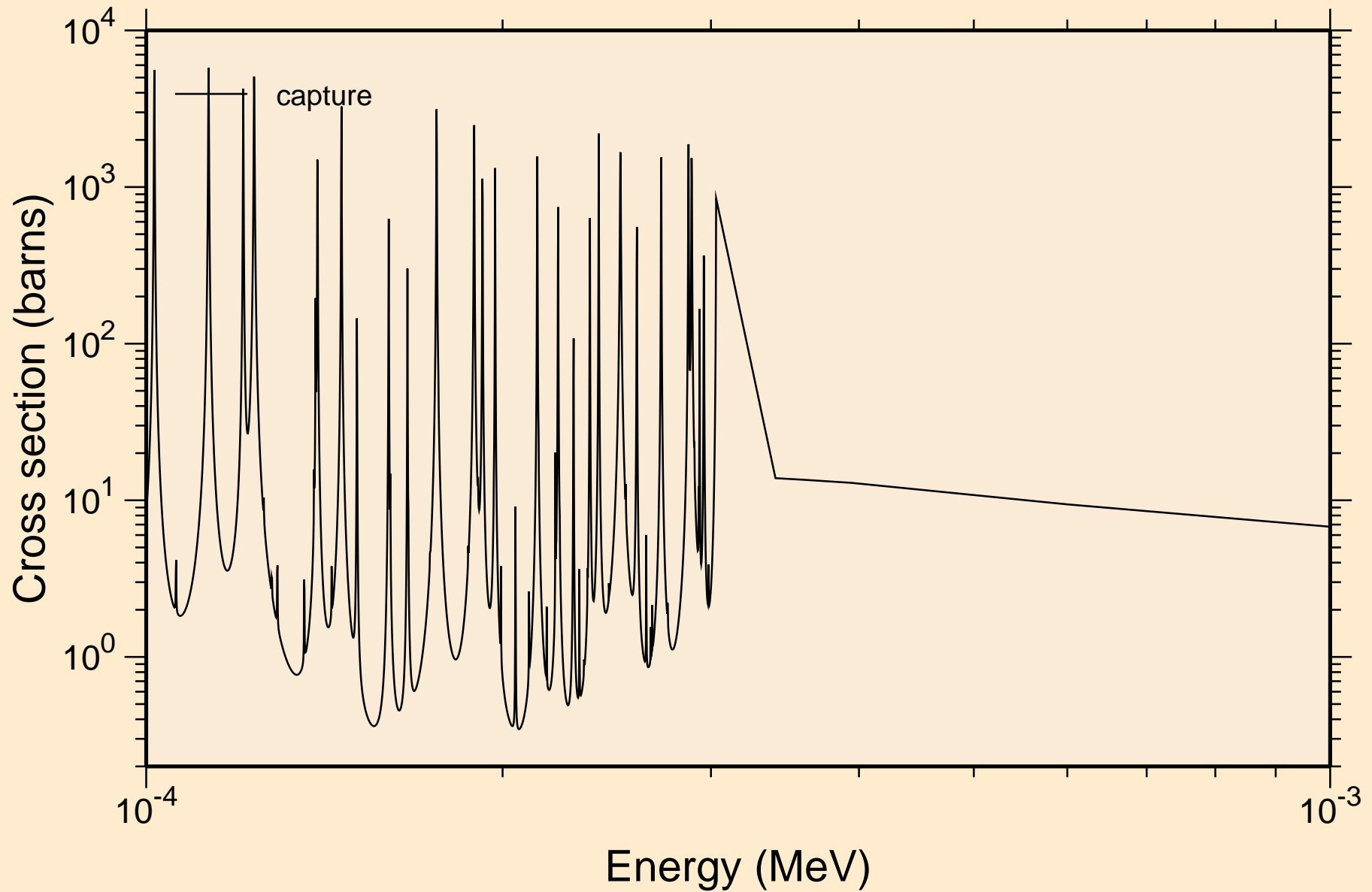




PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

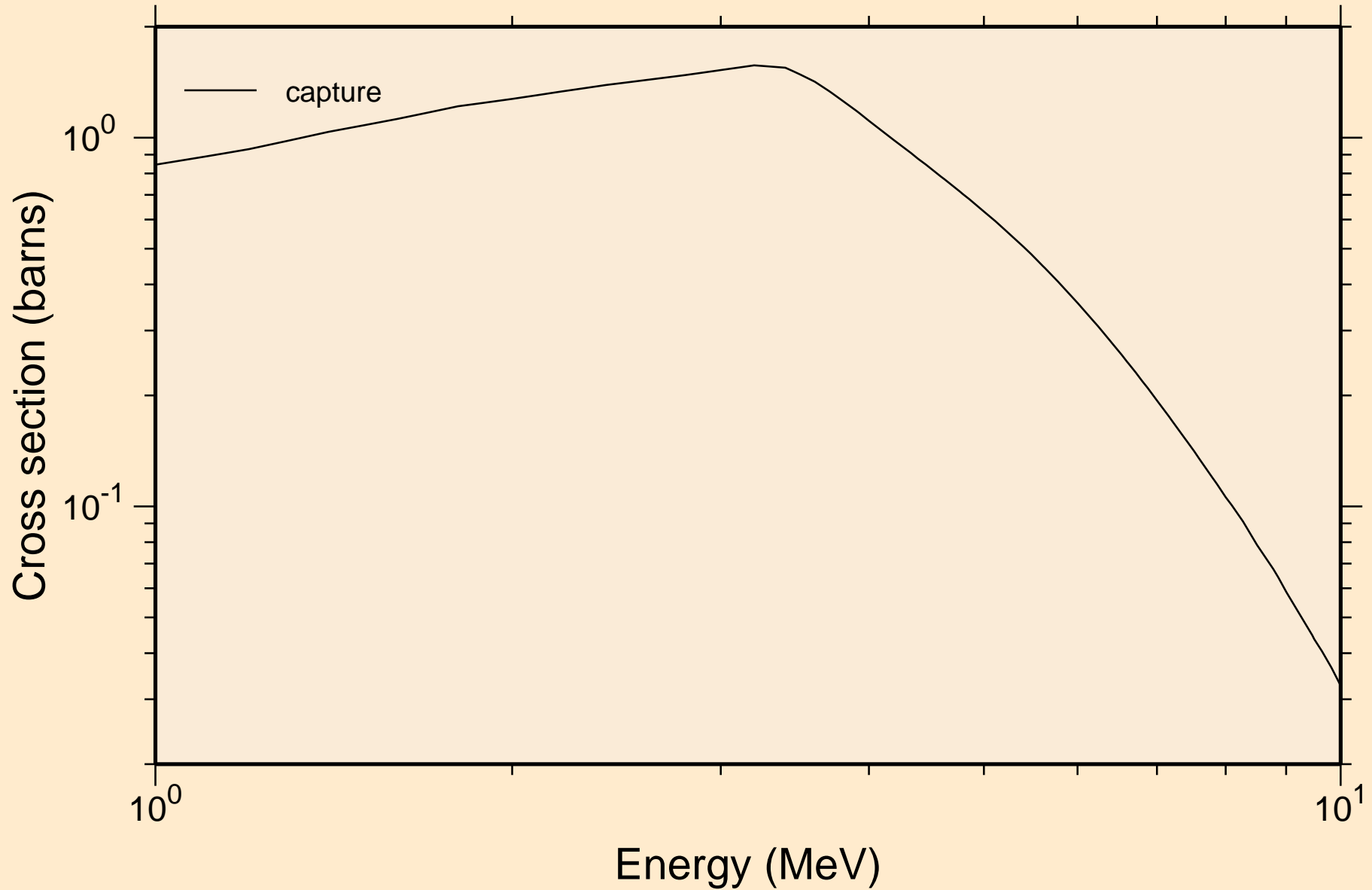


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

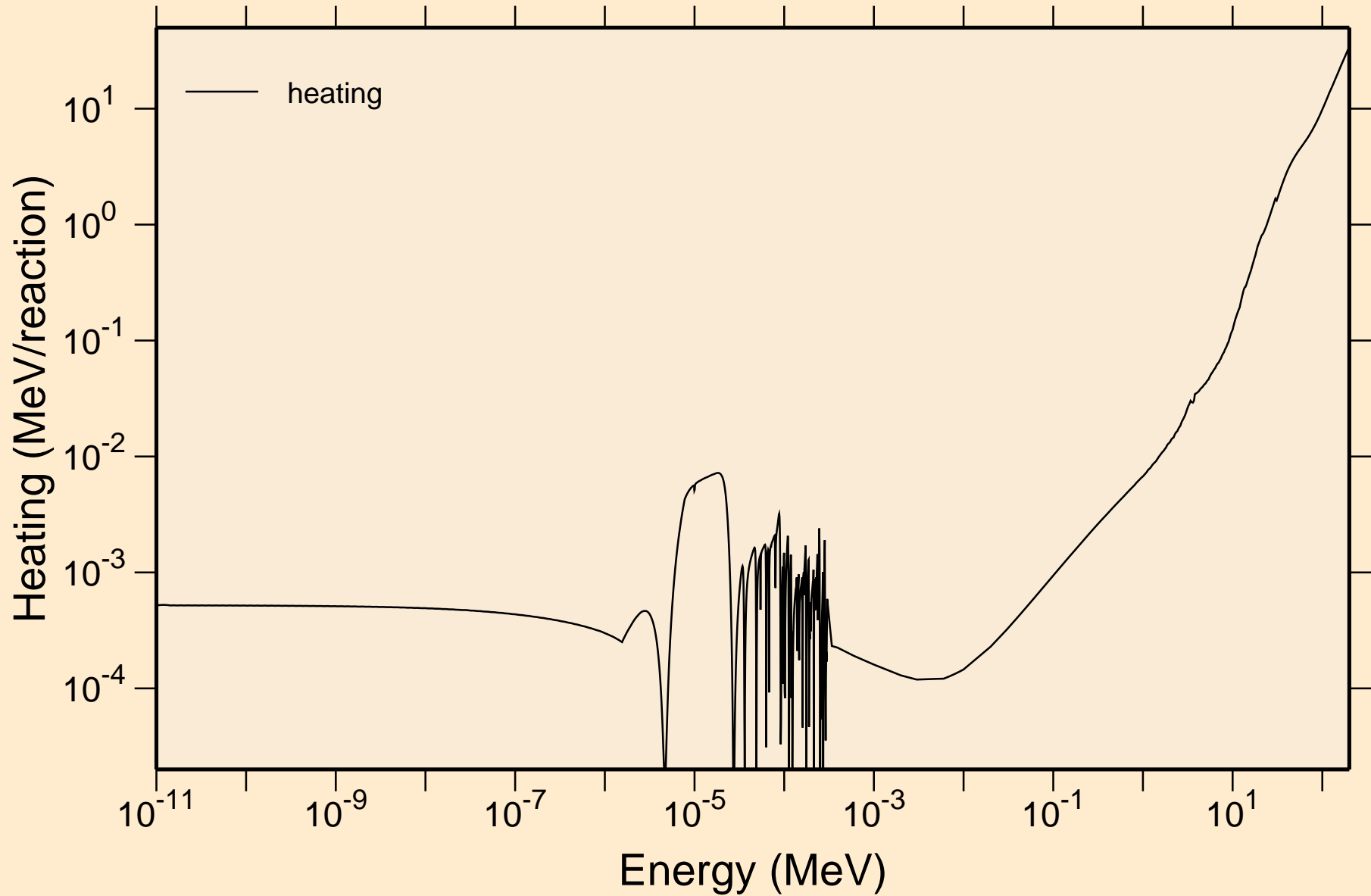




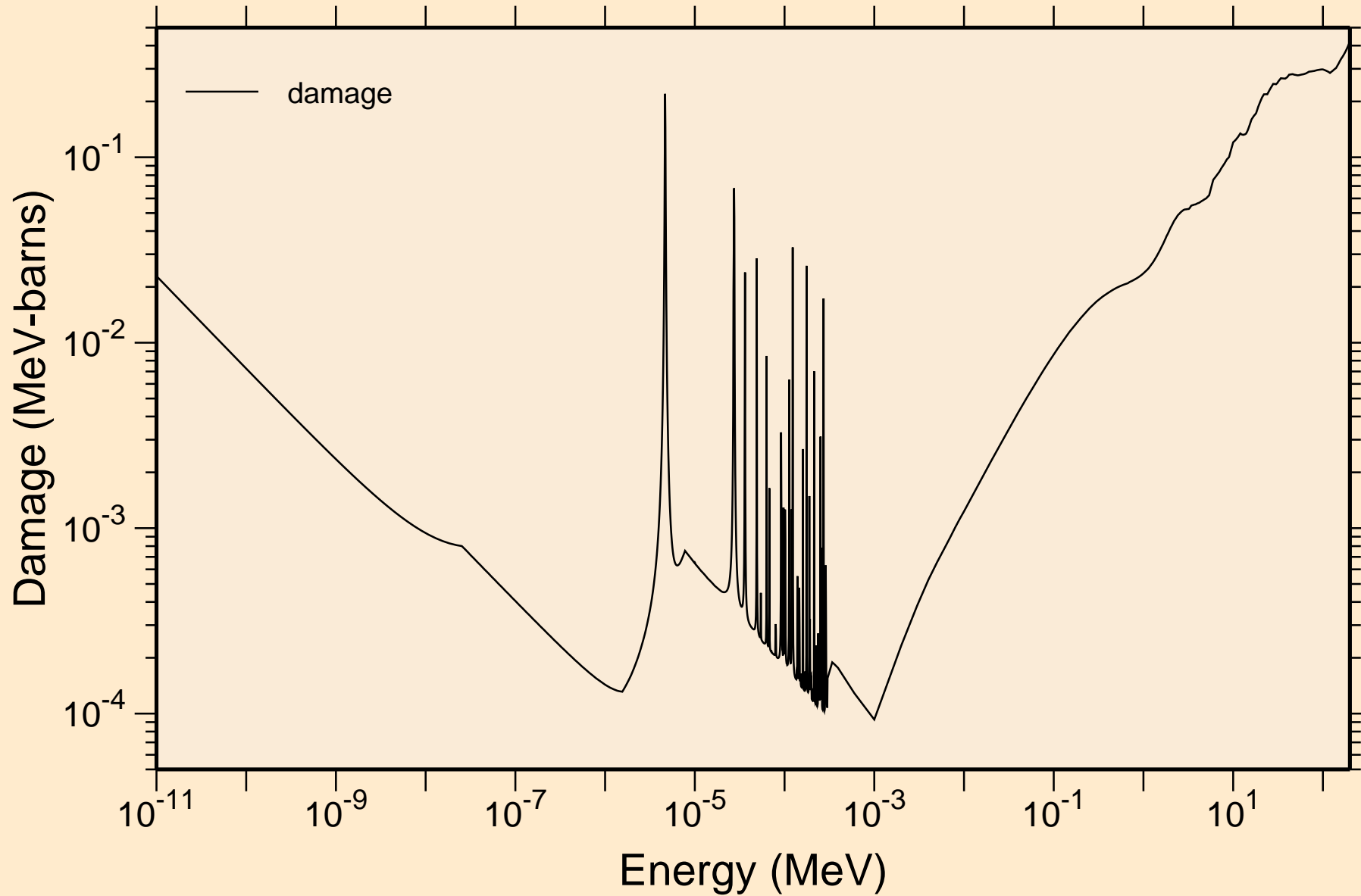
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resonance absorption cross sections



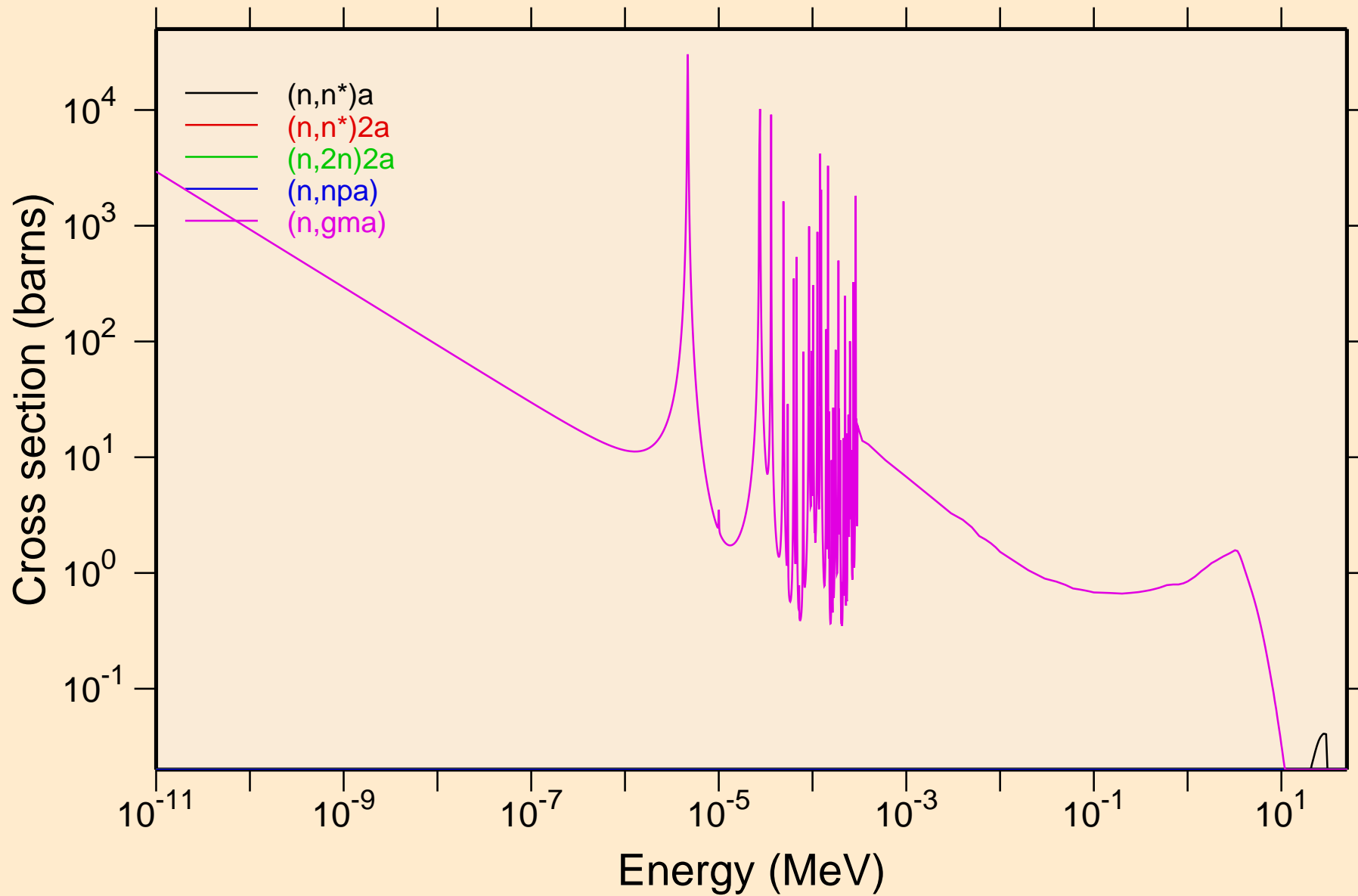
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



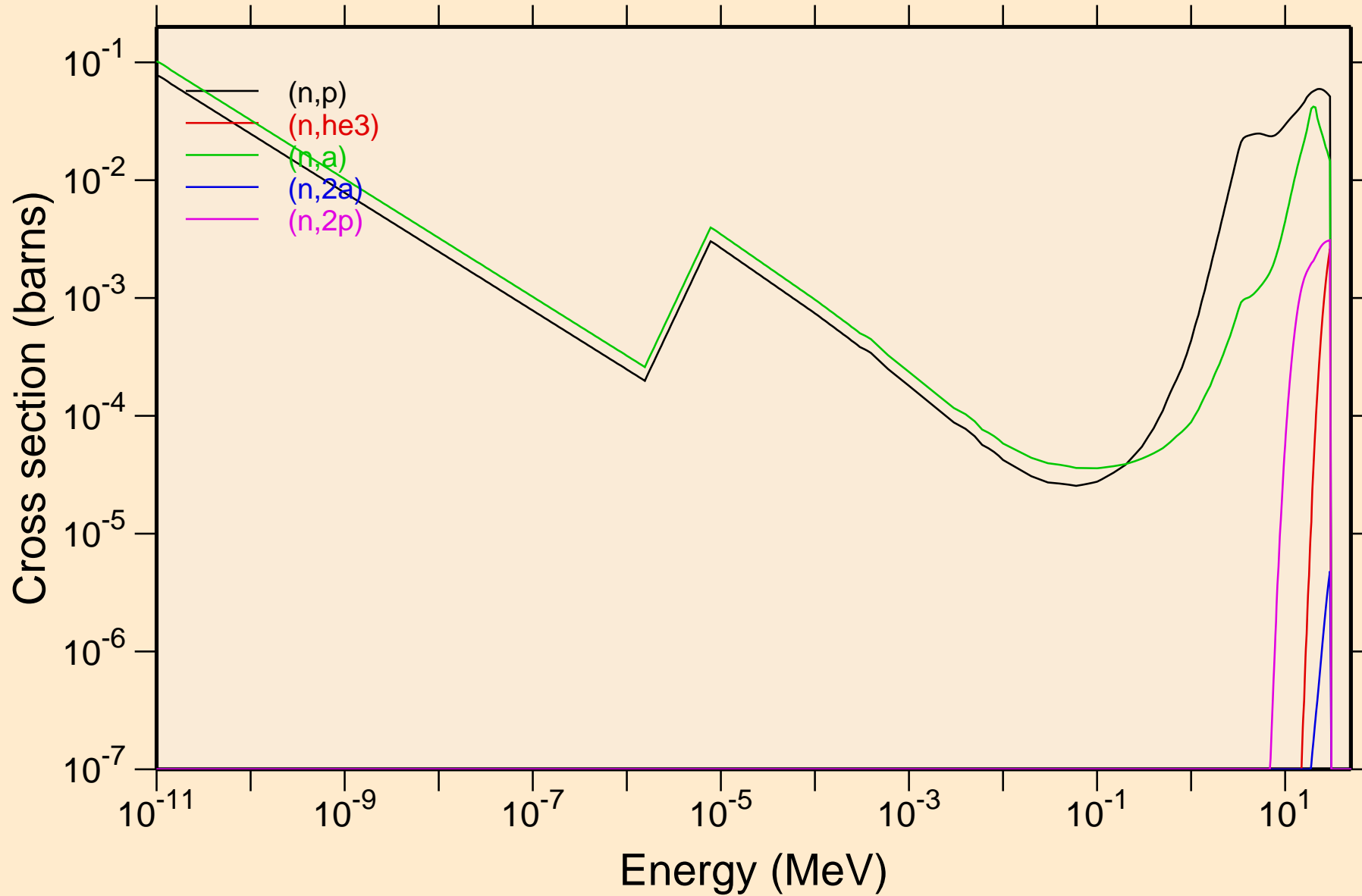
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



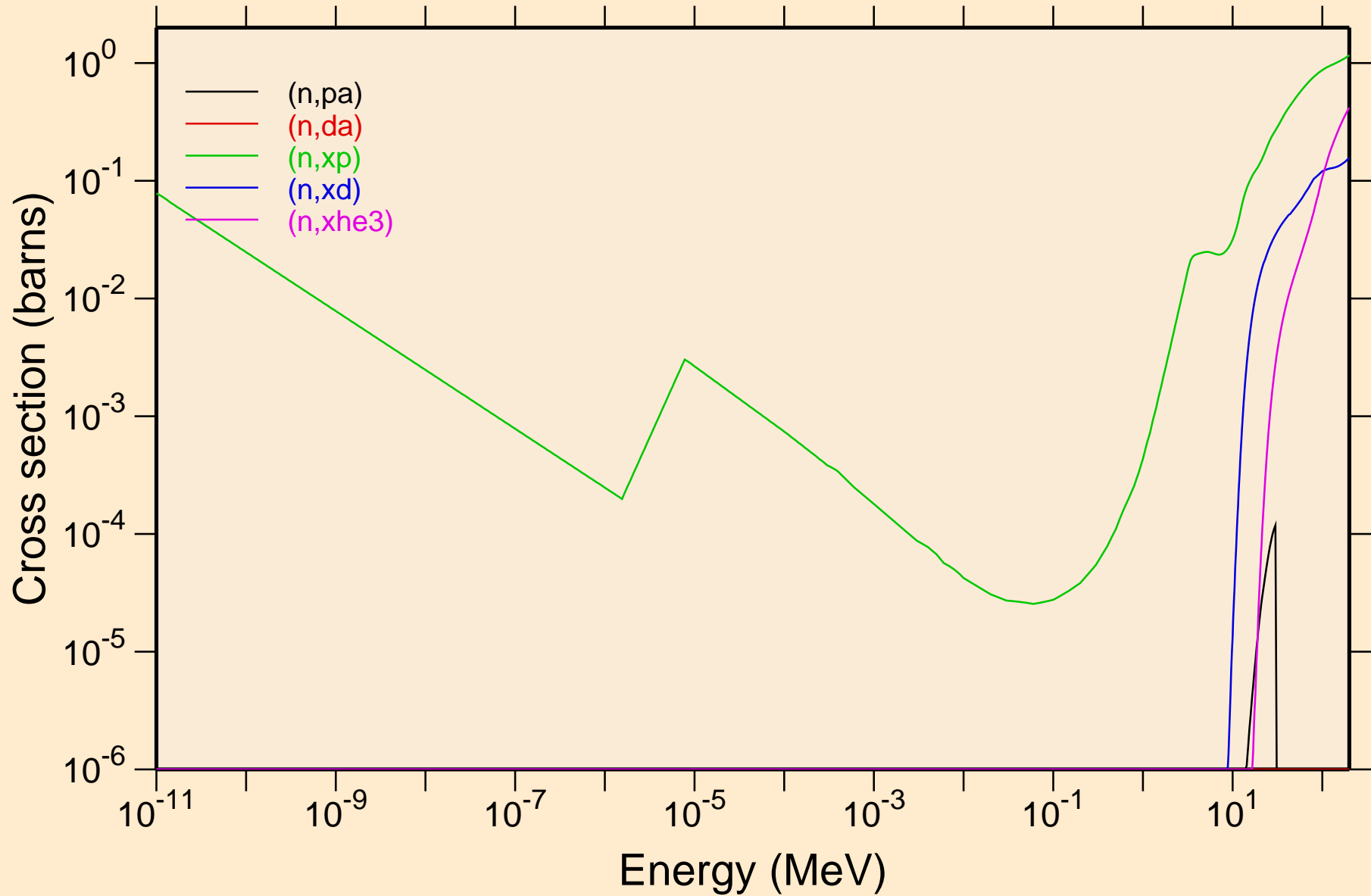
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



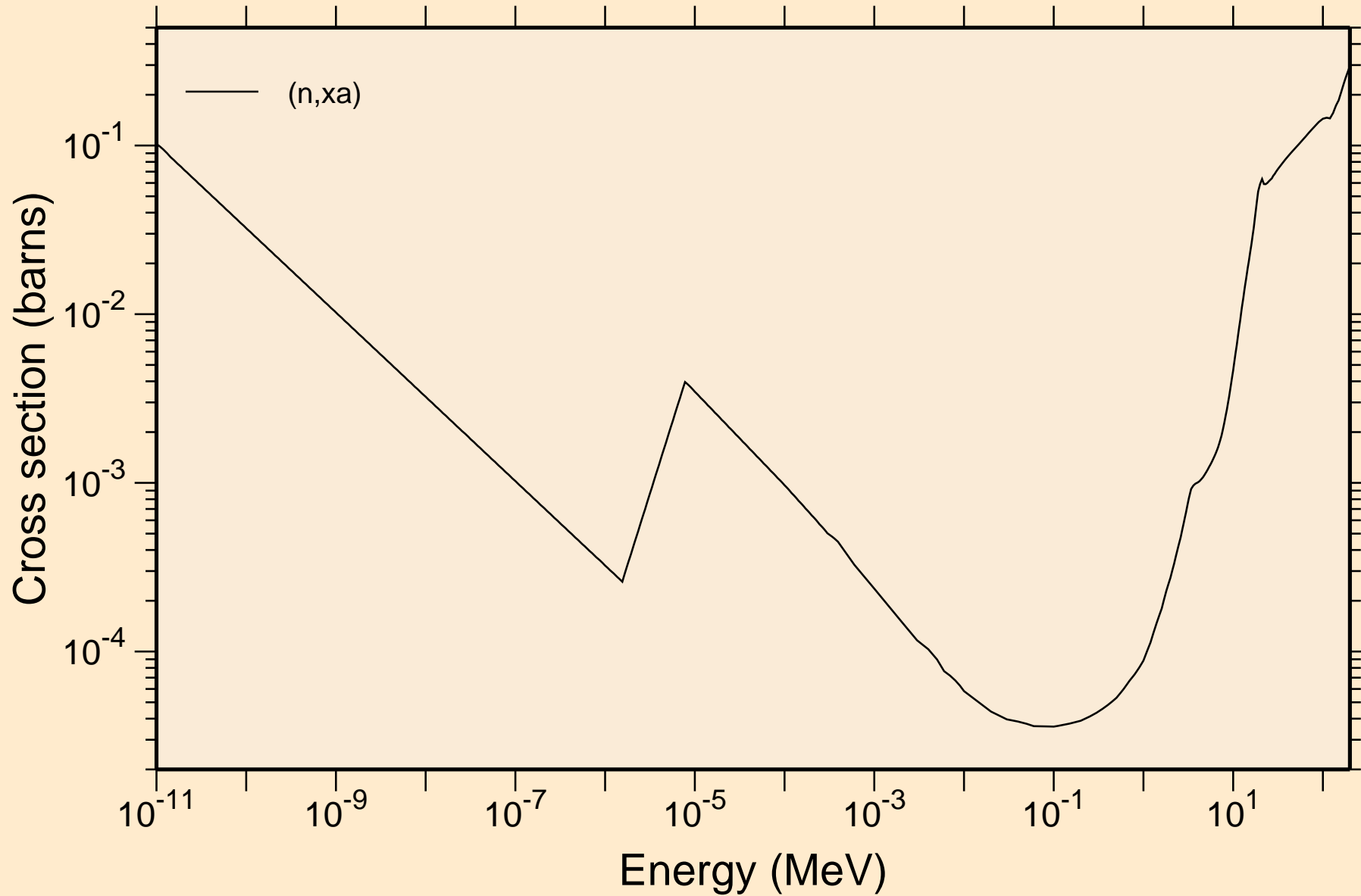
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

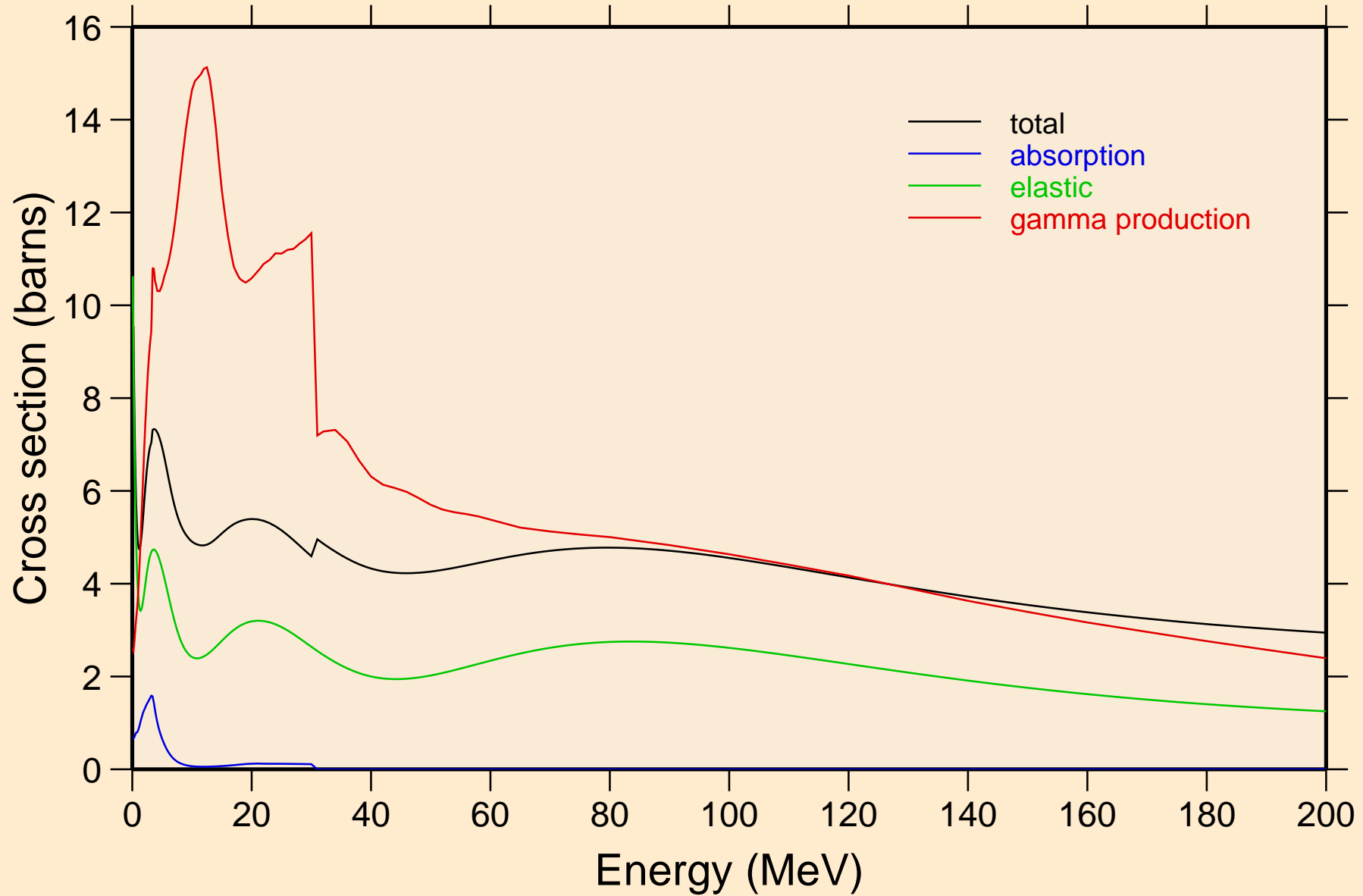


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



# PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

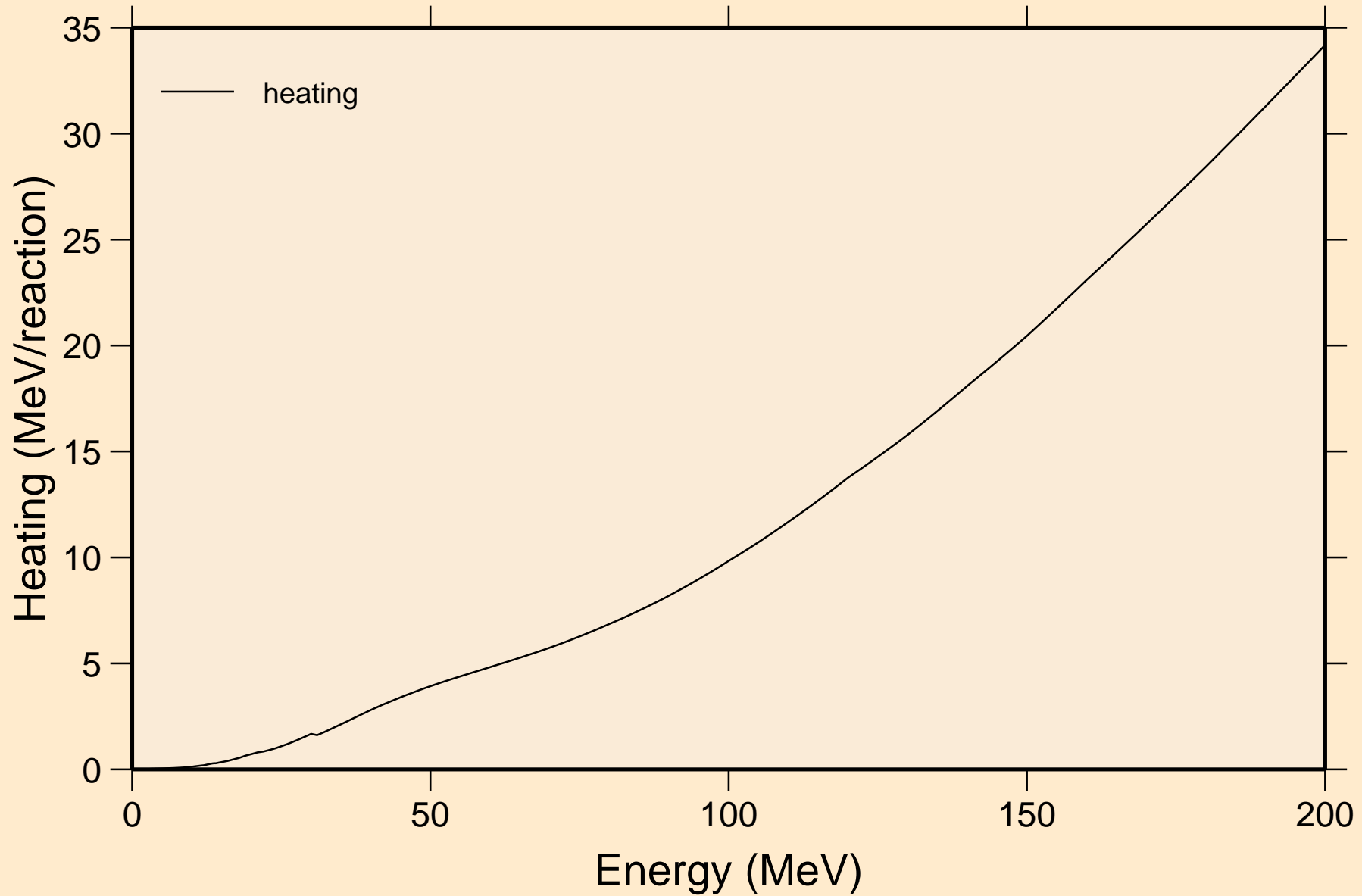
## Principal cross sections



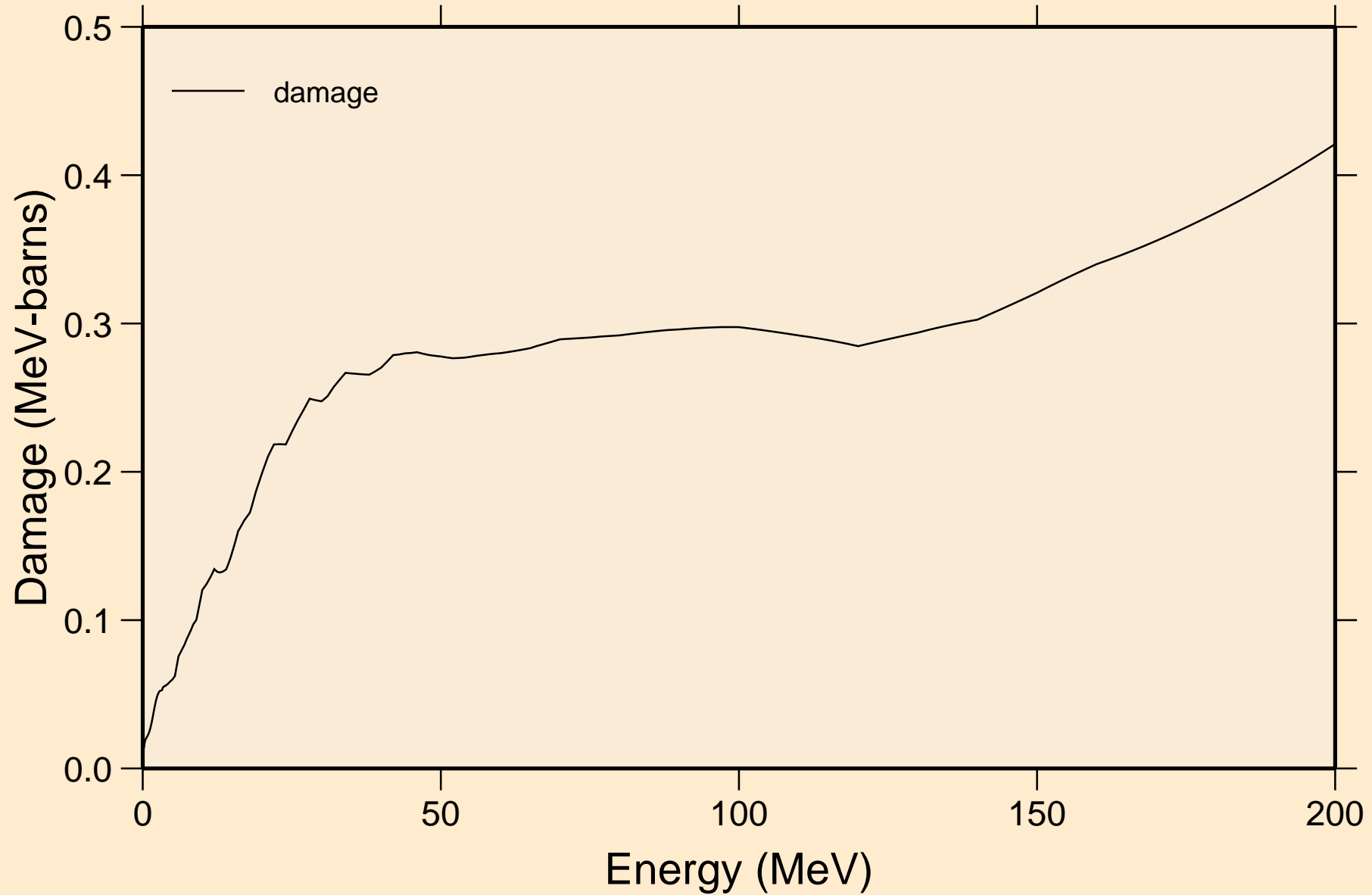


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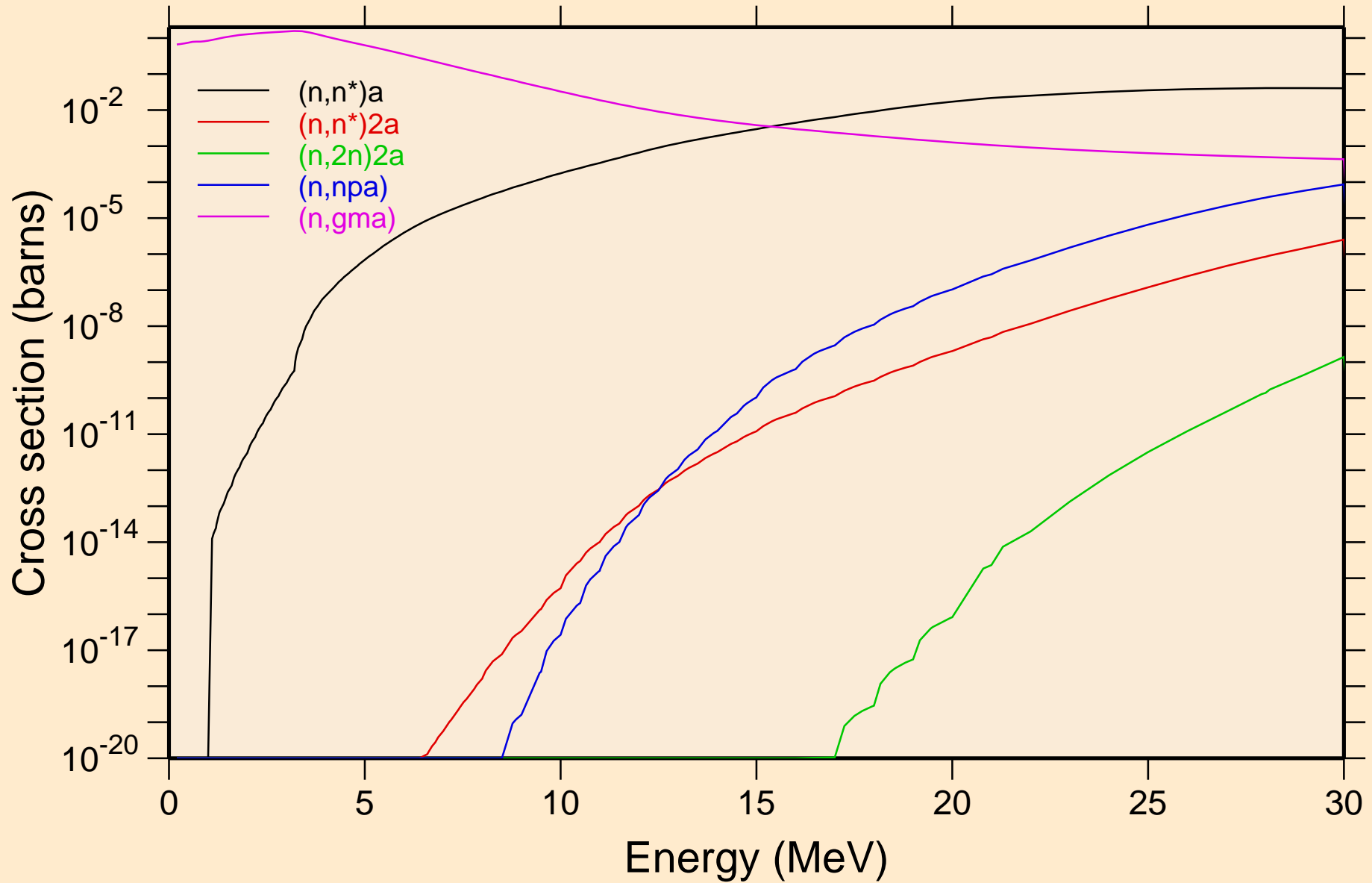
## Heating



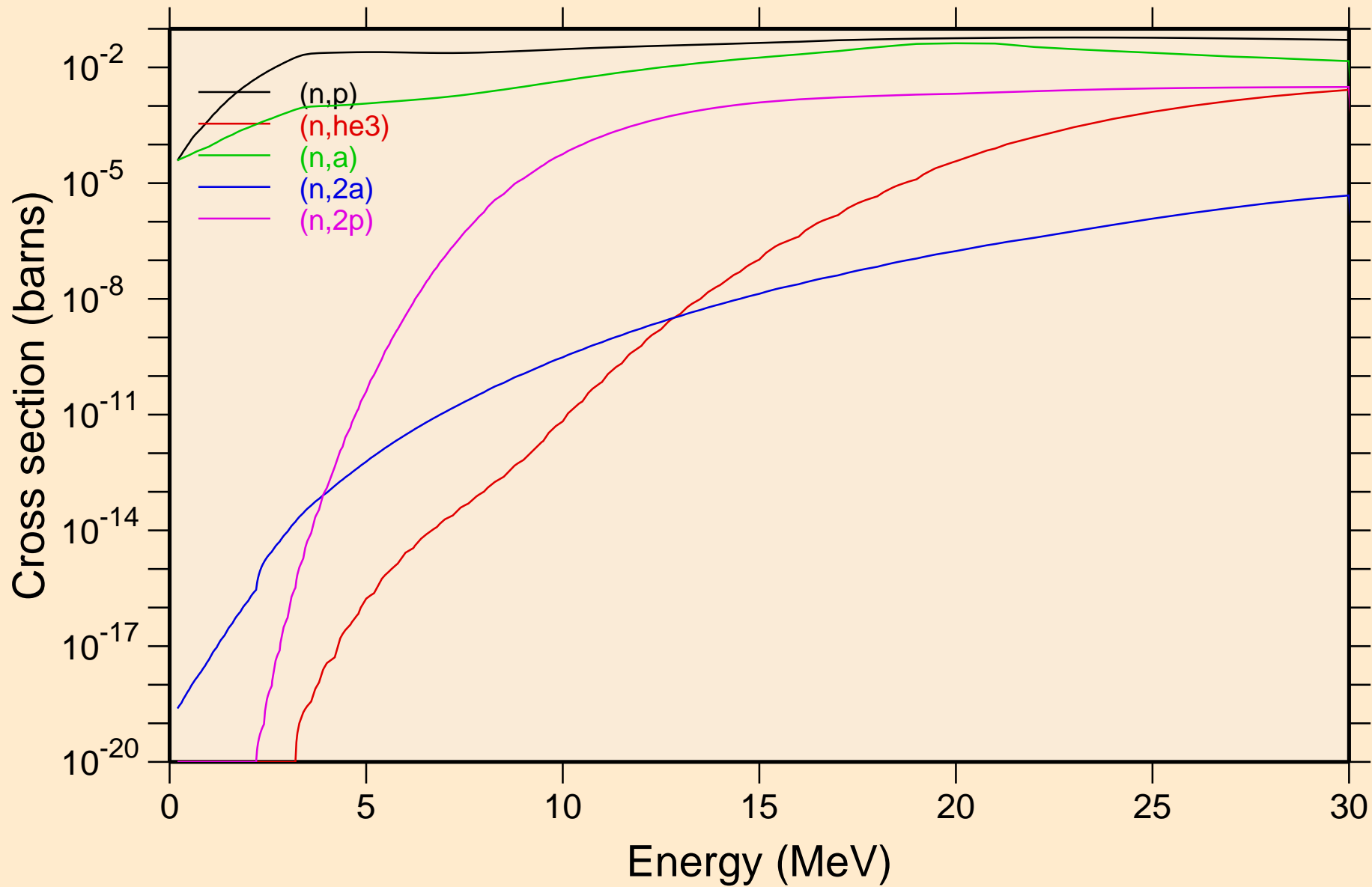
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



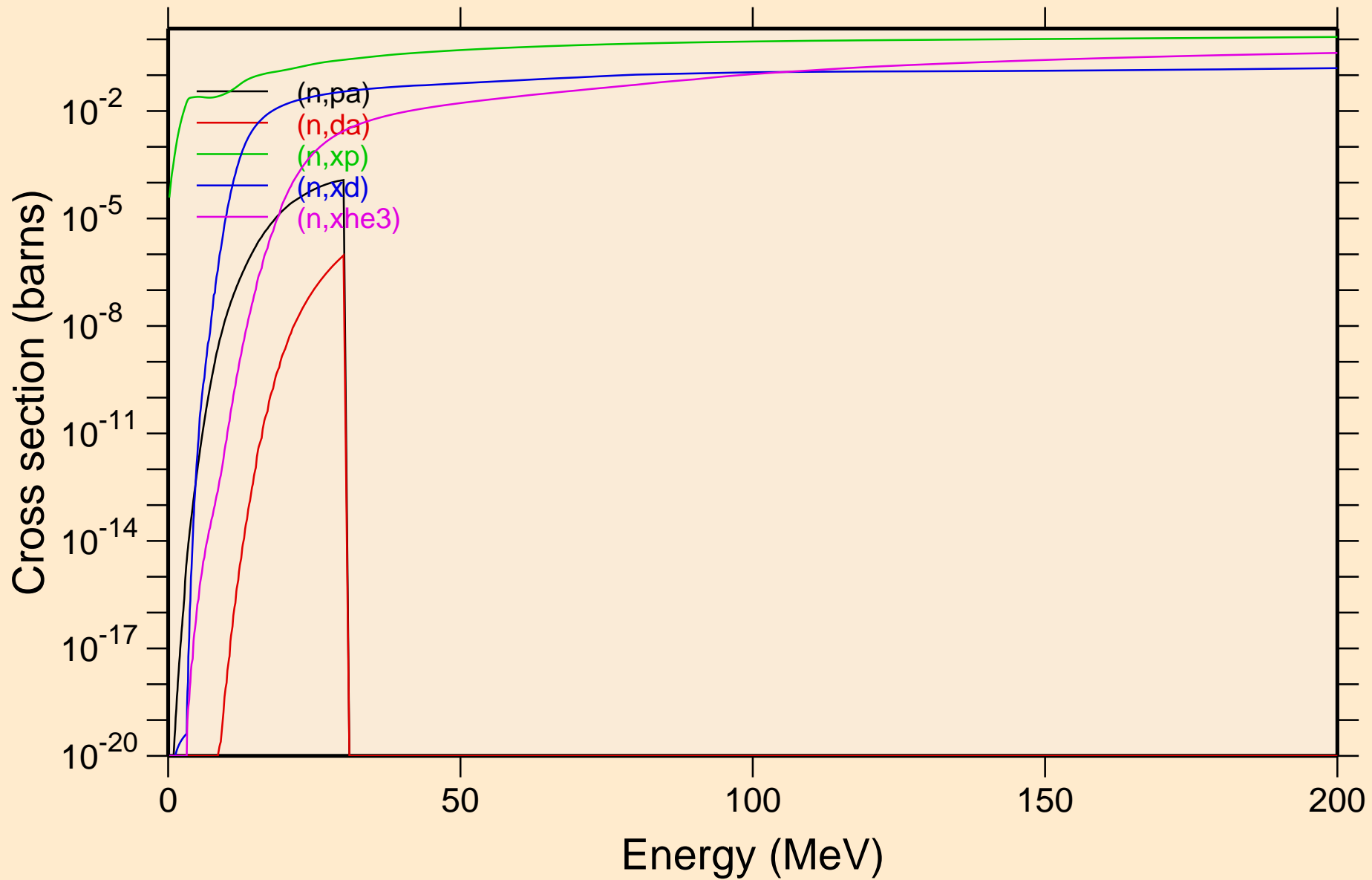
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Non-threshold reactions



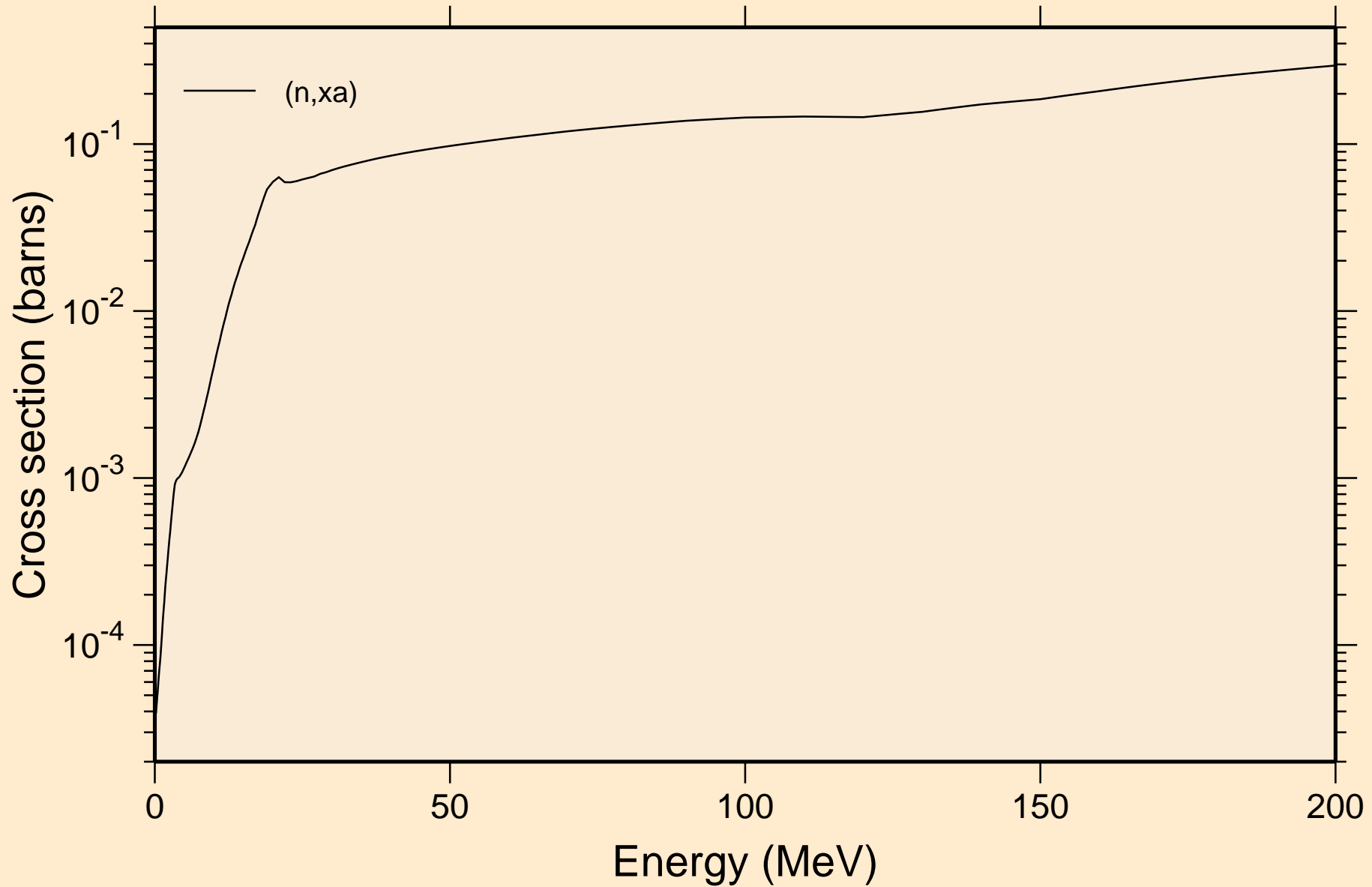
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



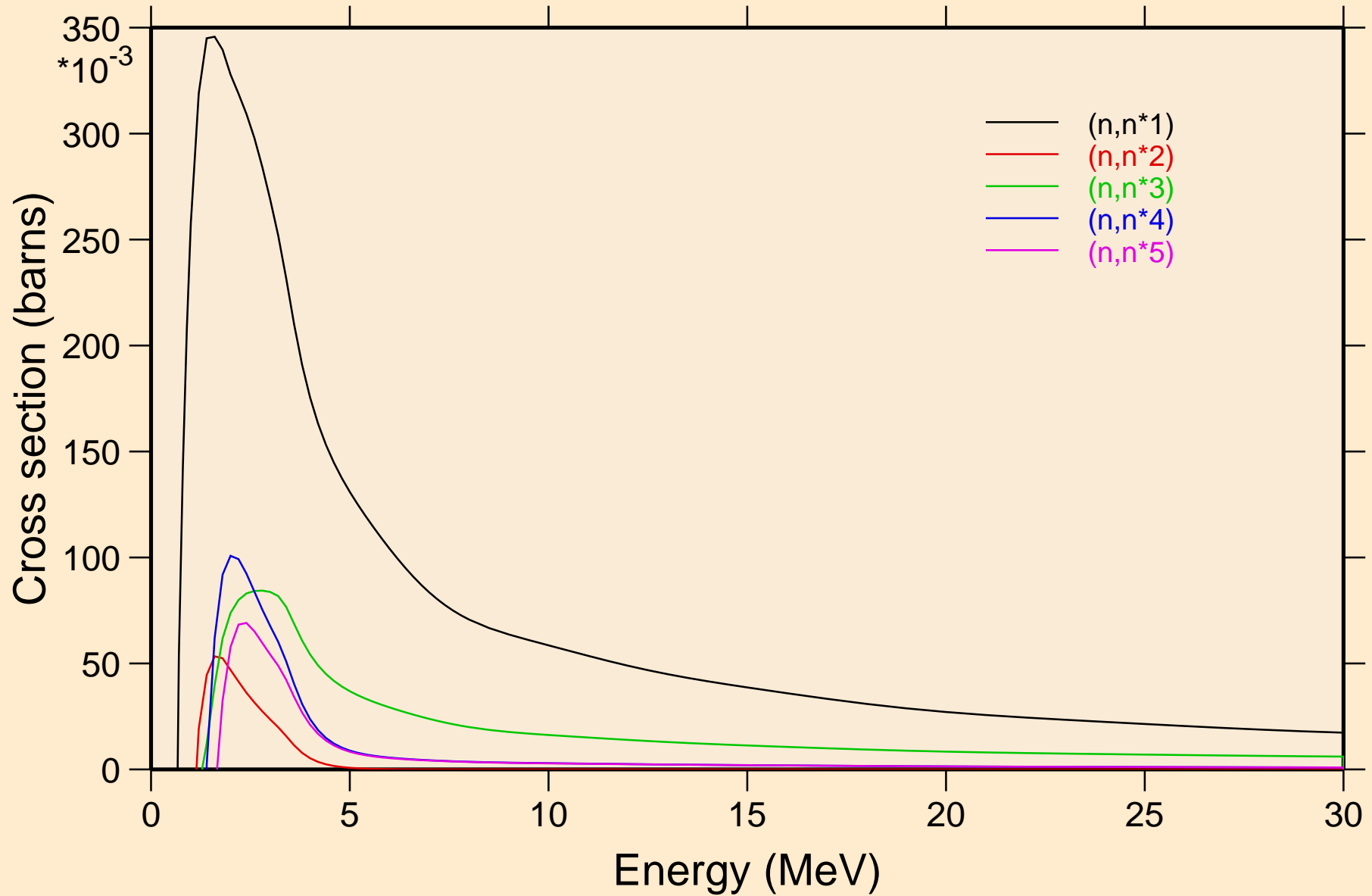
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Non-threshold reactions



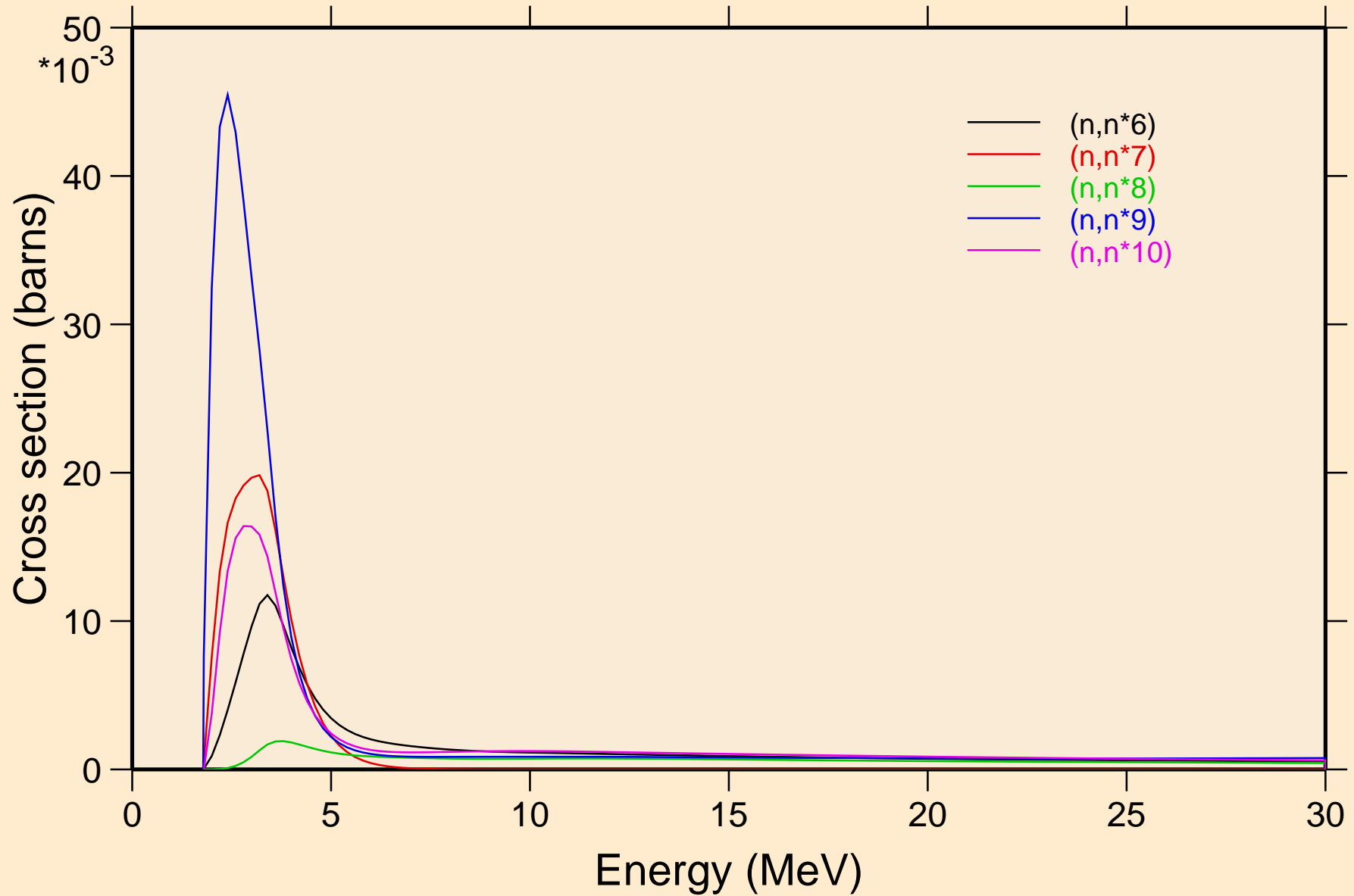
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

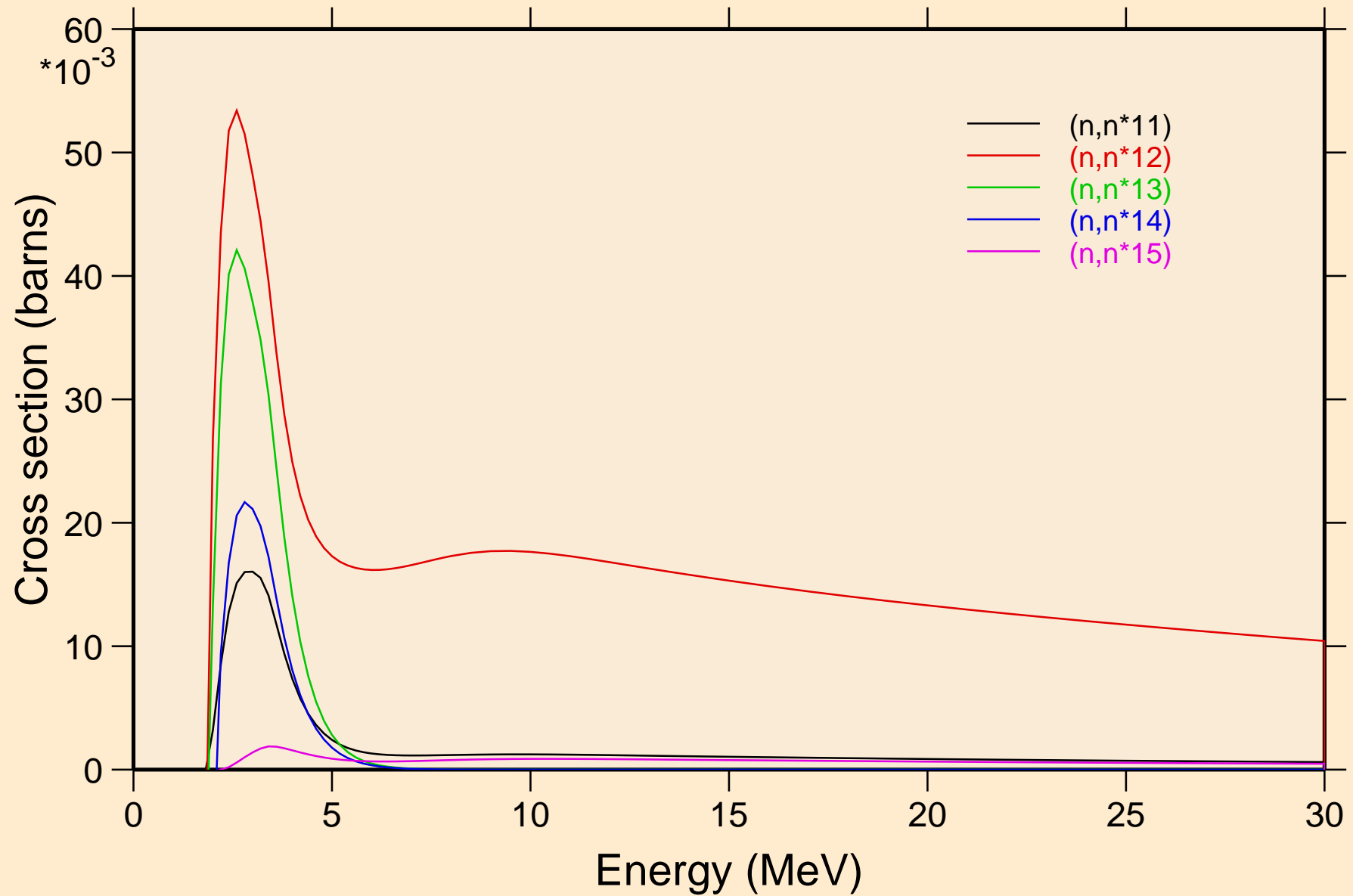


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

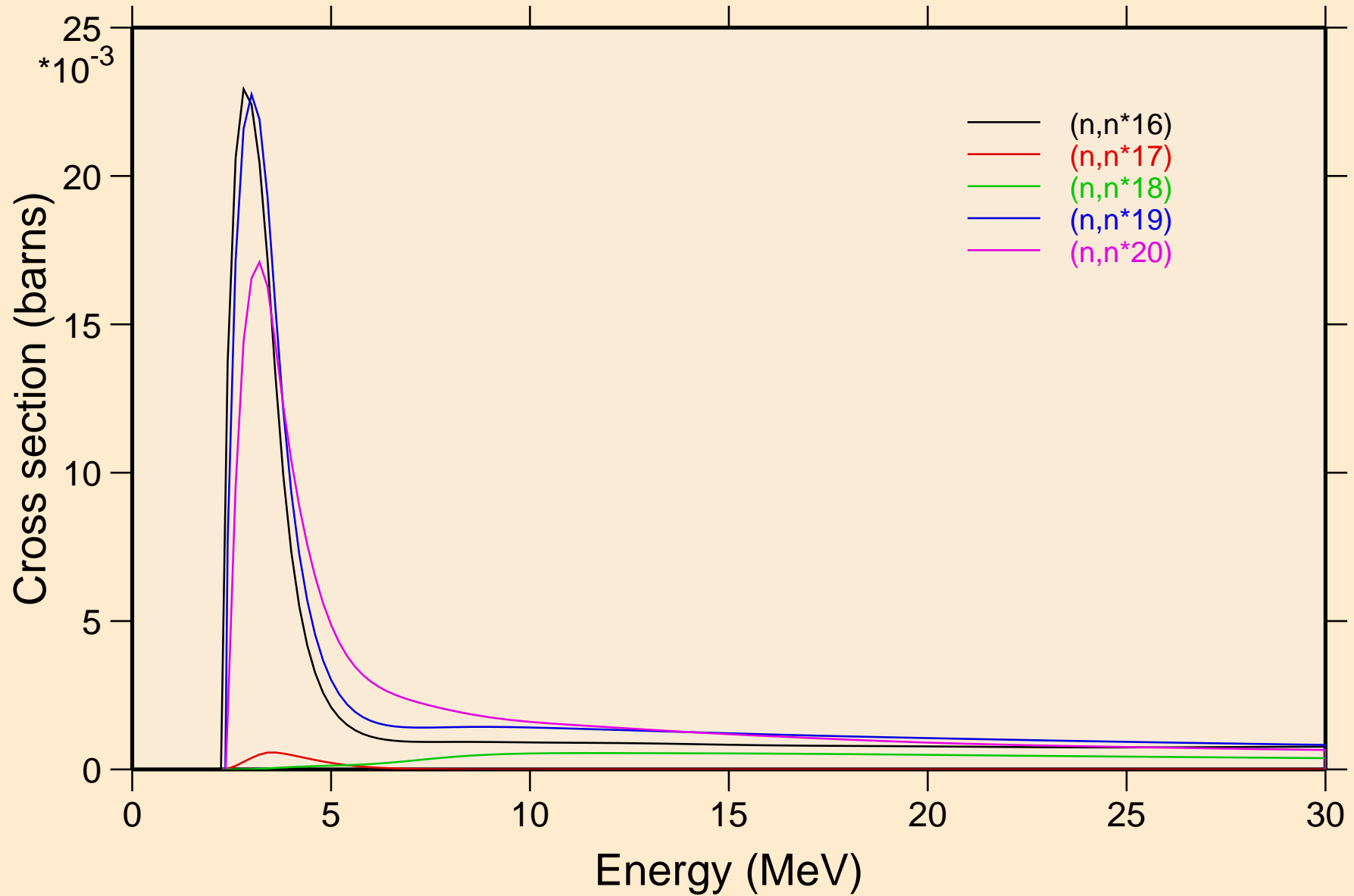




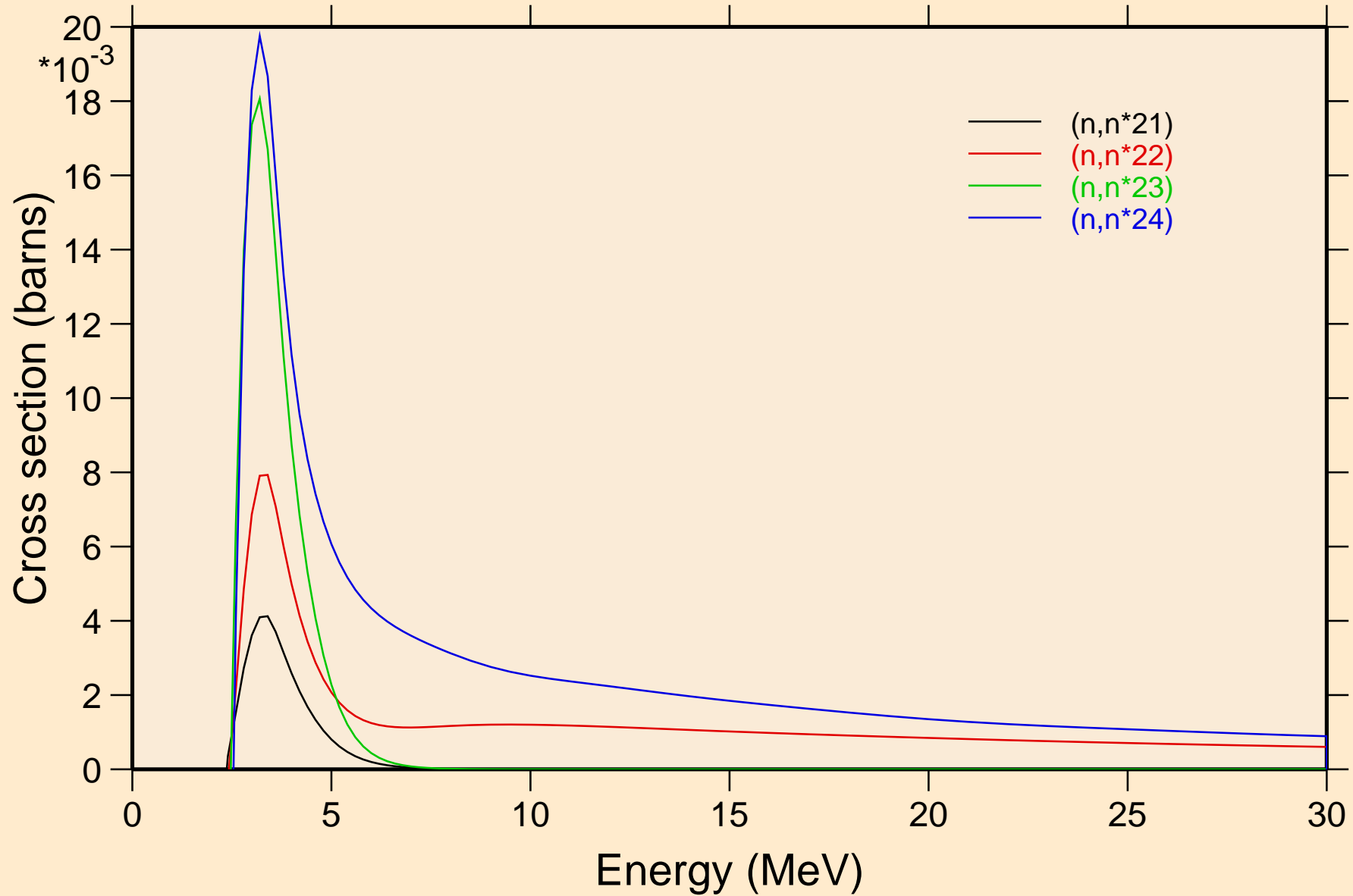
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



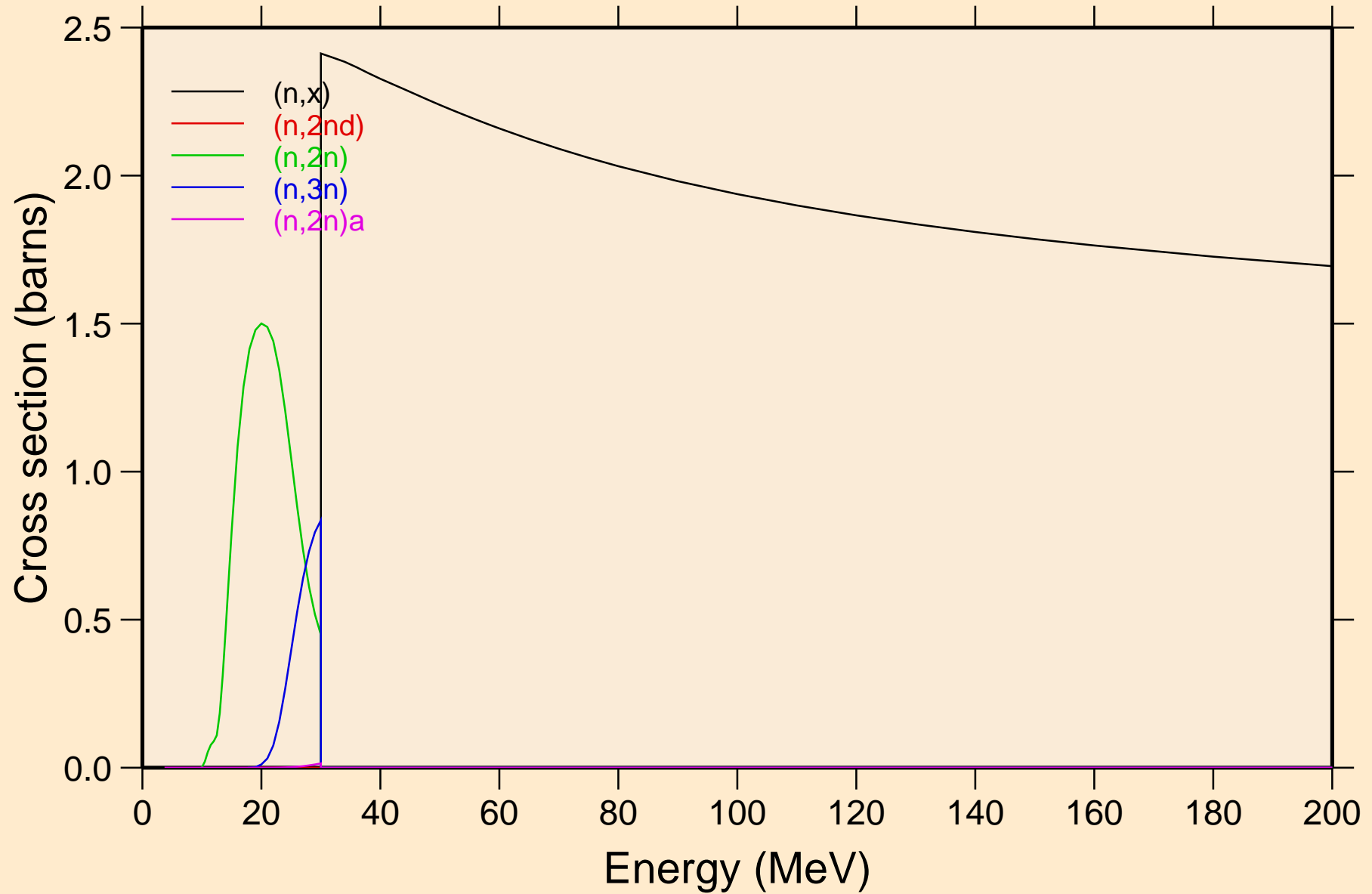
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Inelastic levels



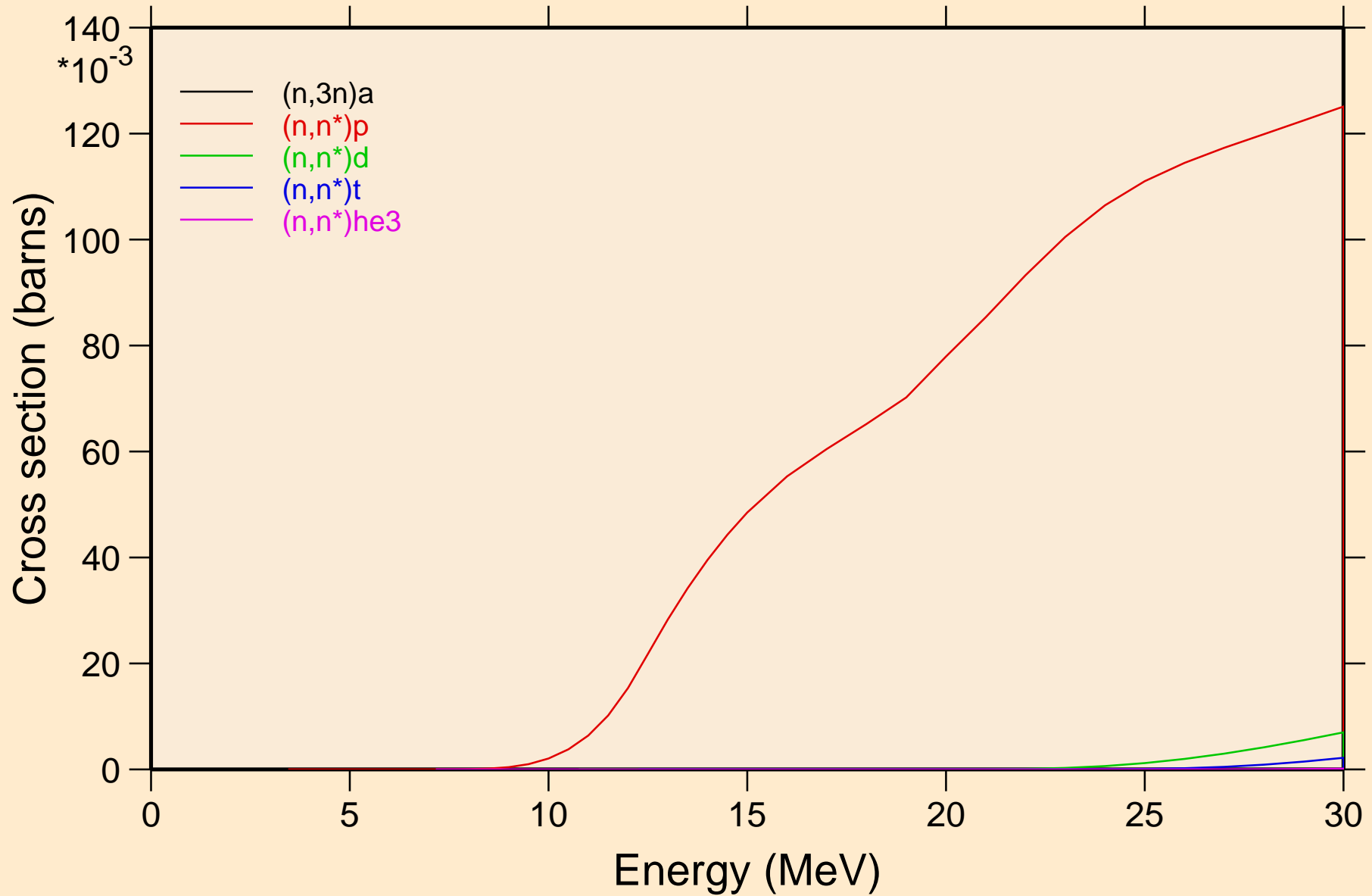
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Inelastic levels



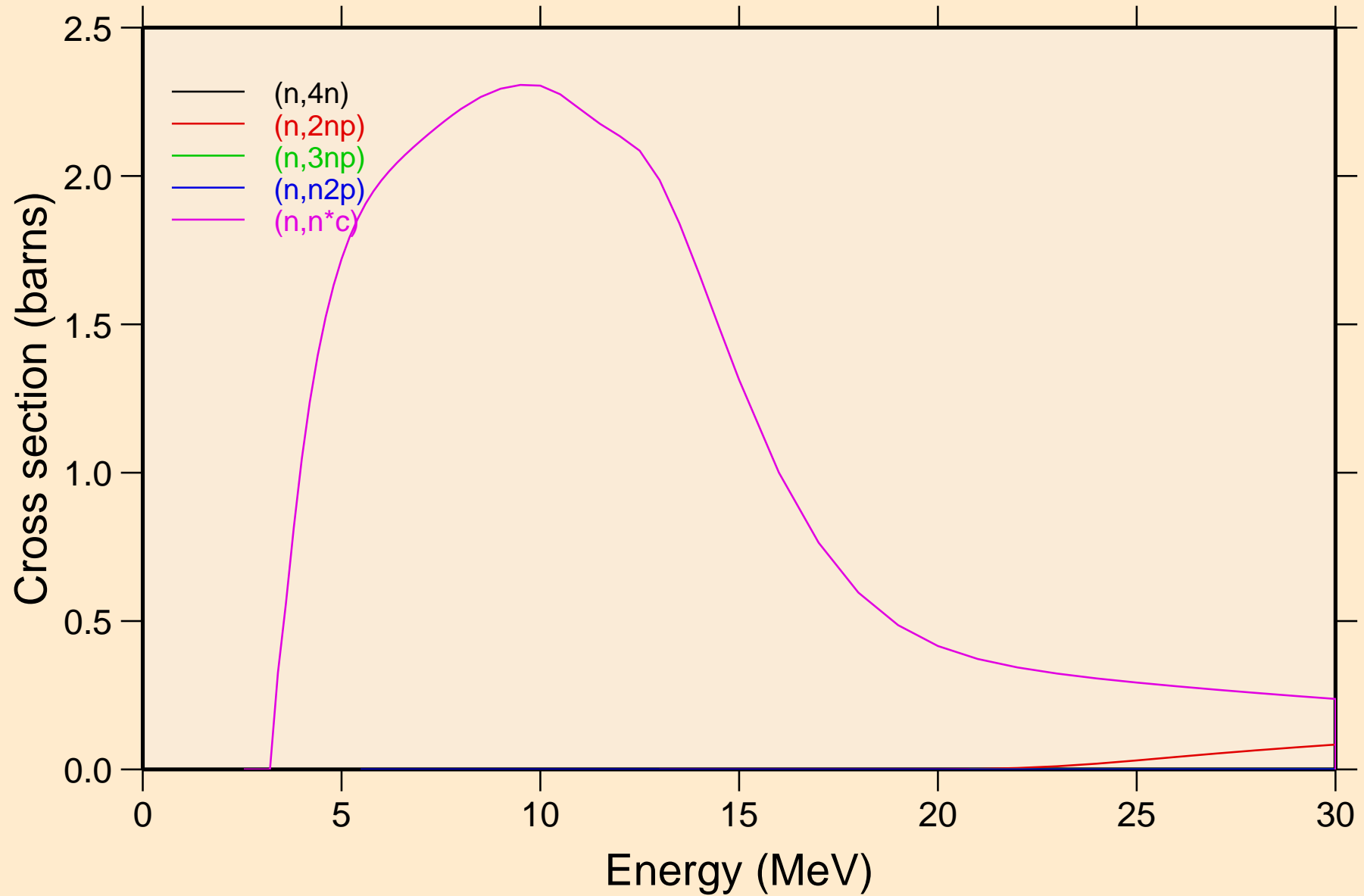
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Threshold reactions



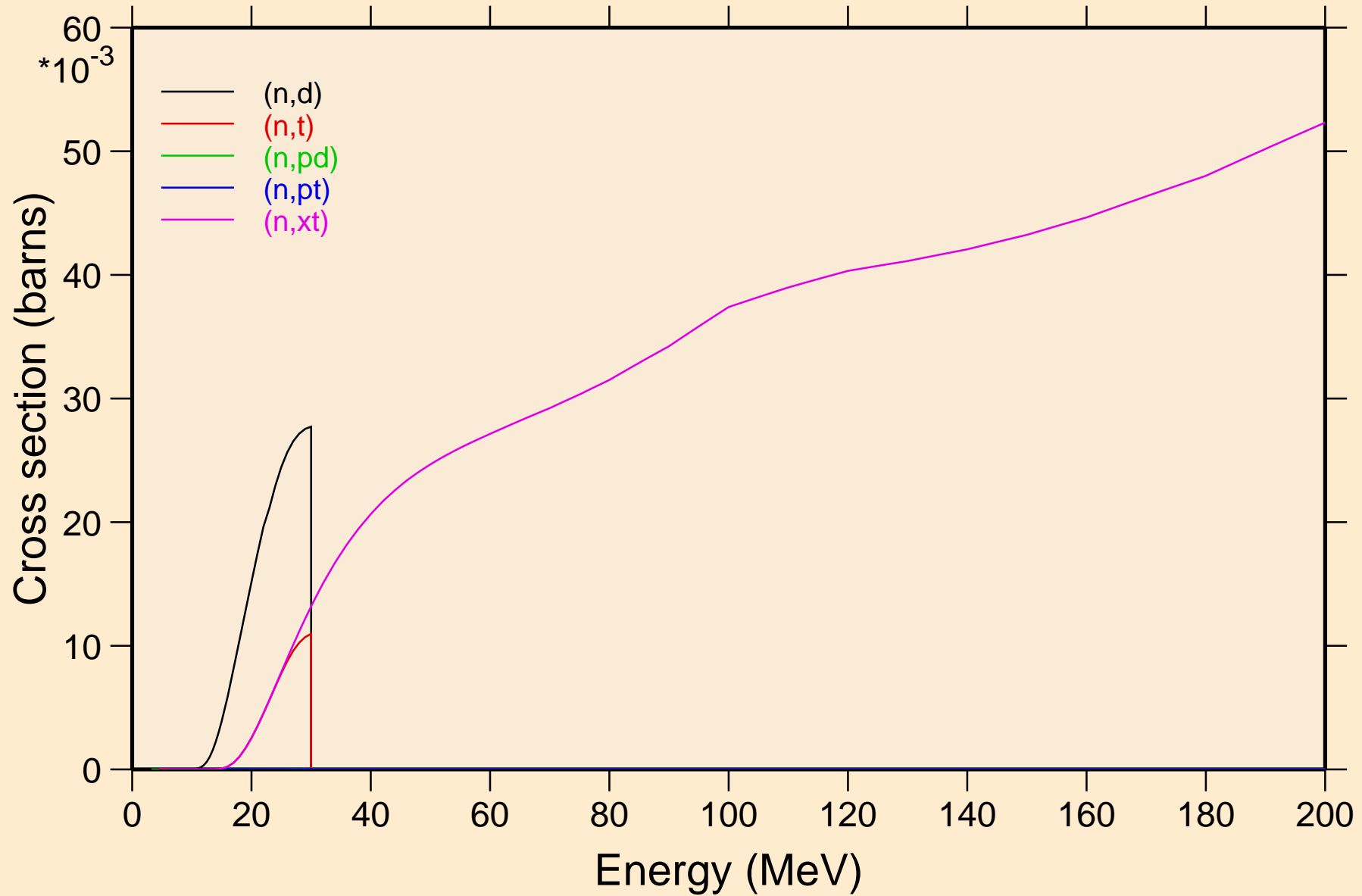
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Threshold reactions



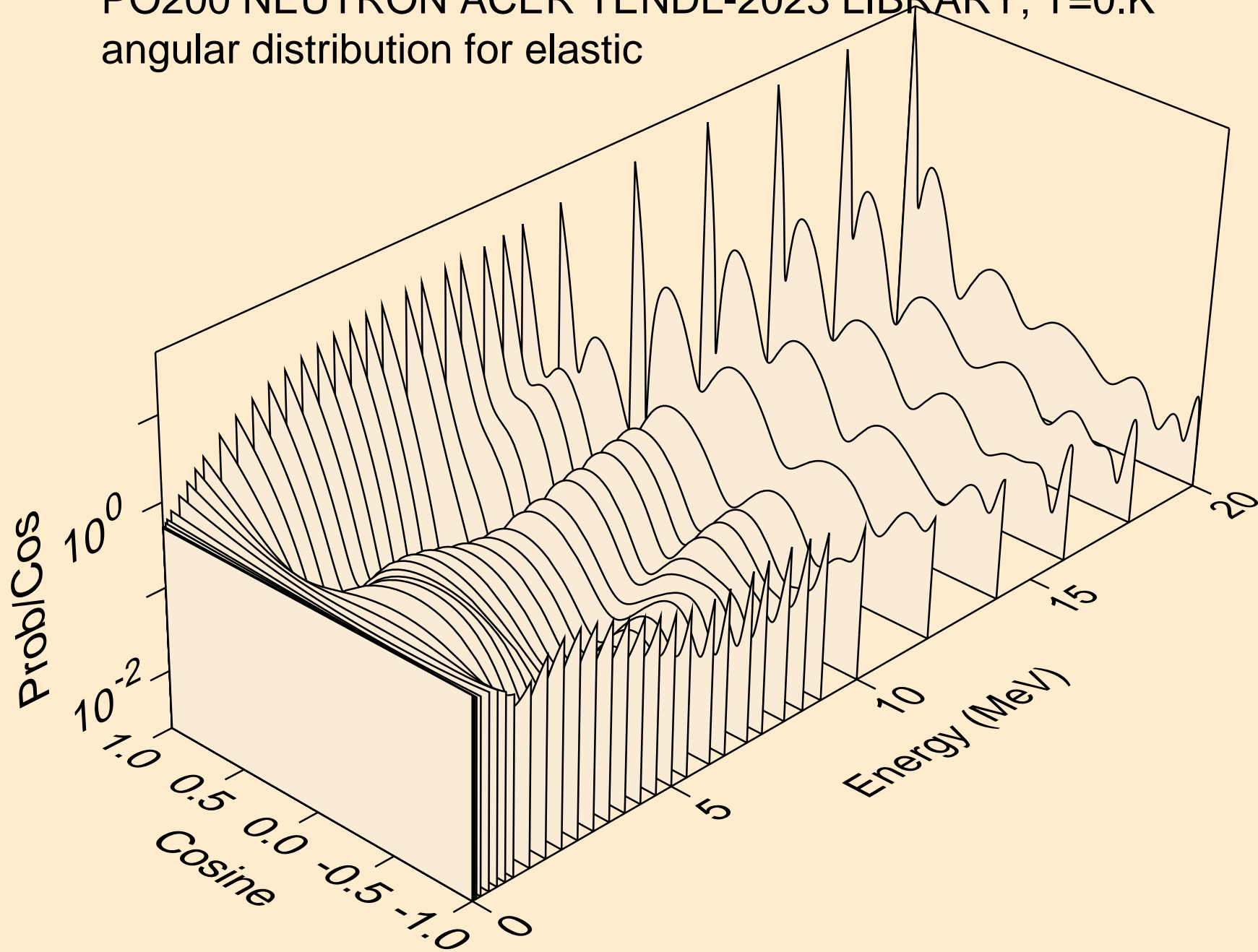
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

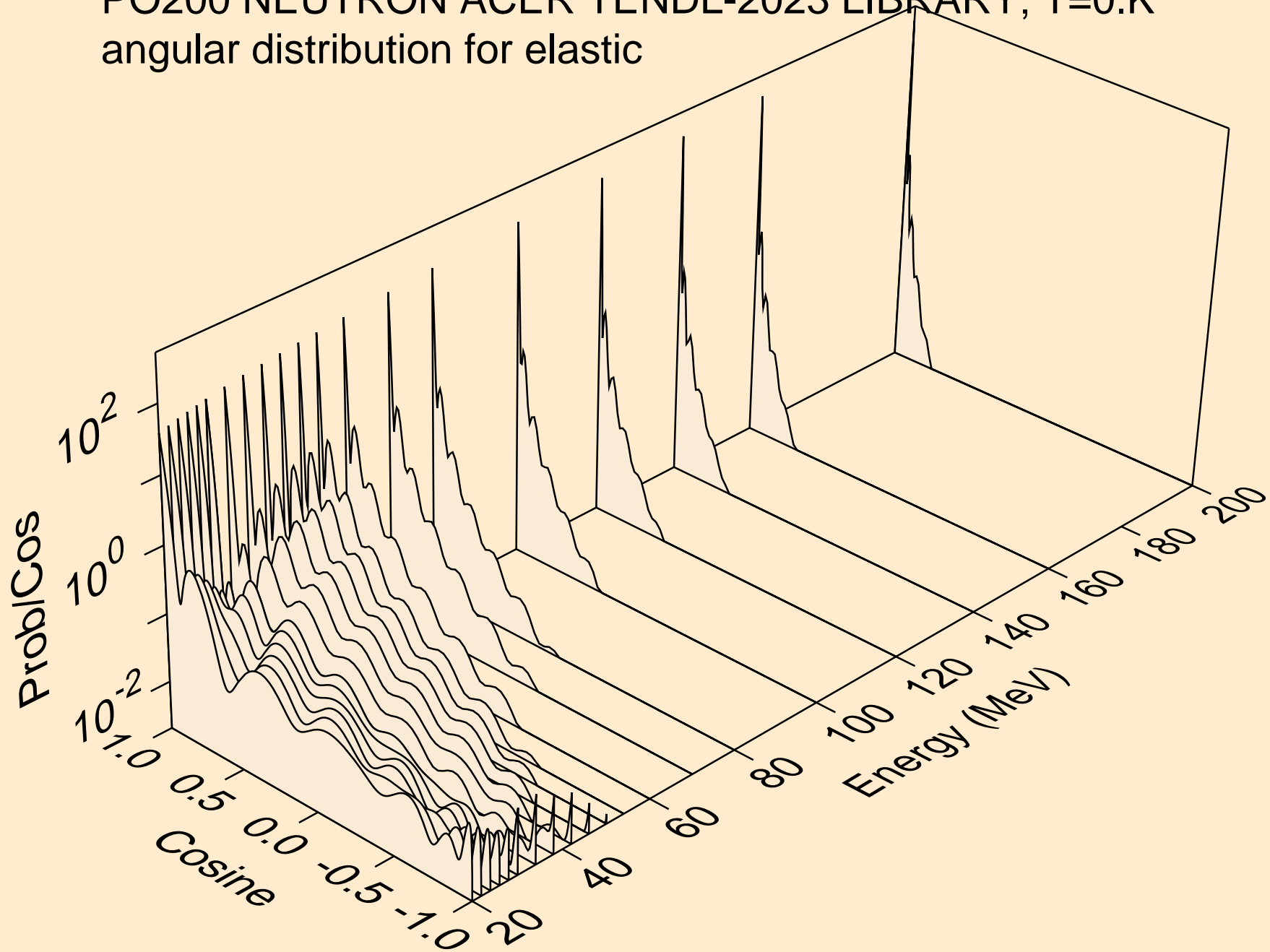


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angular distribution for elastic

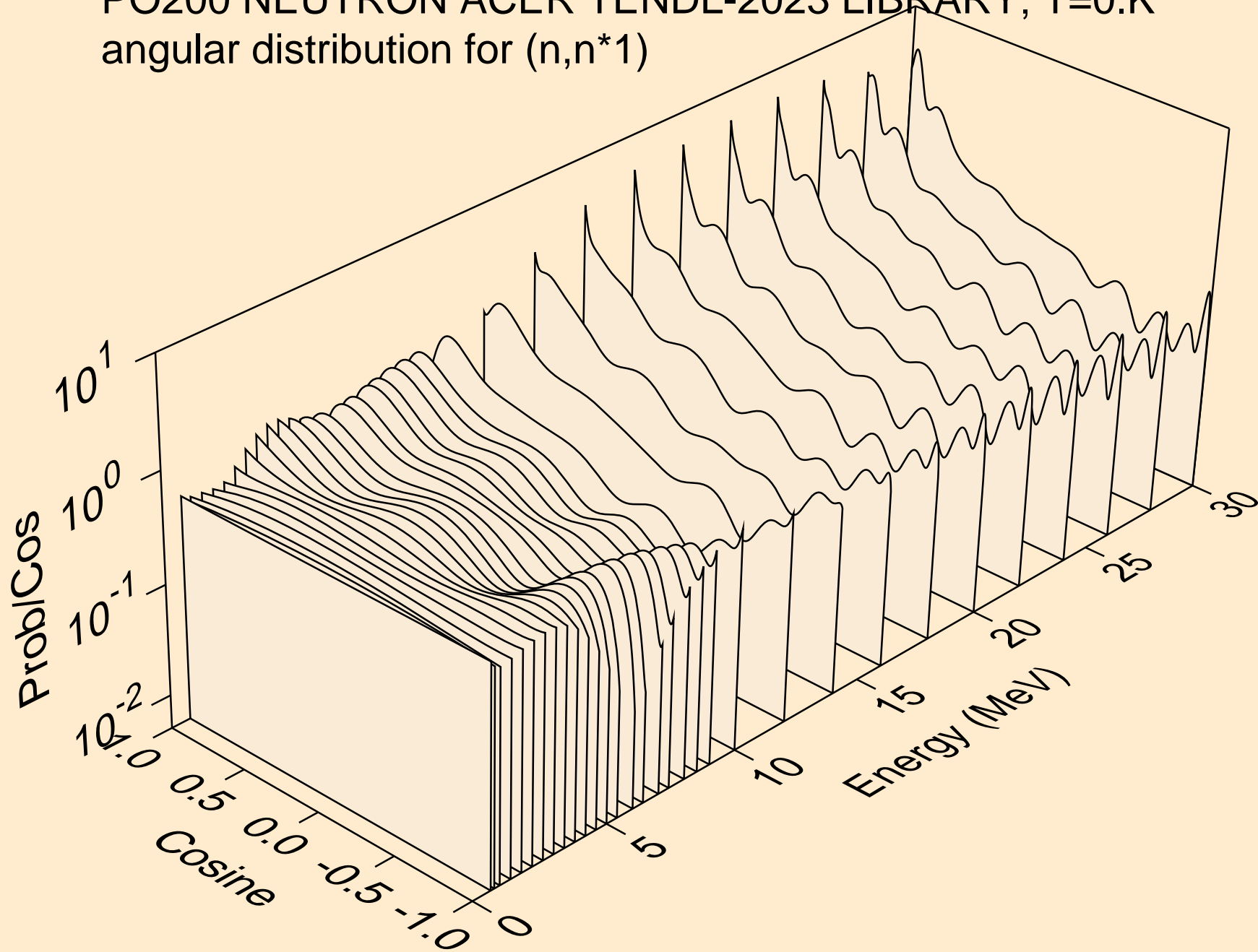




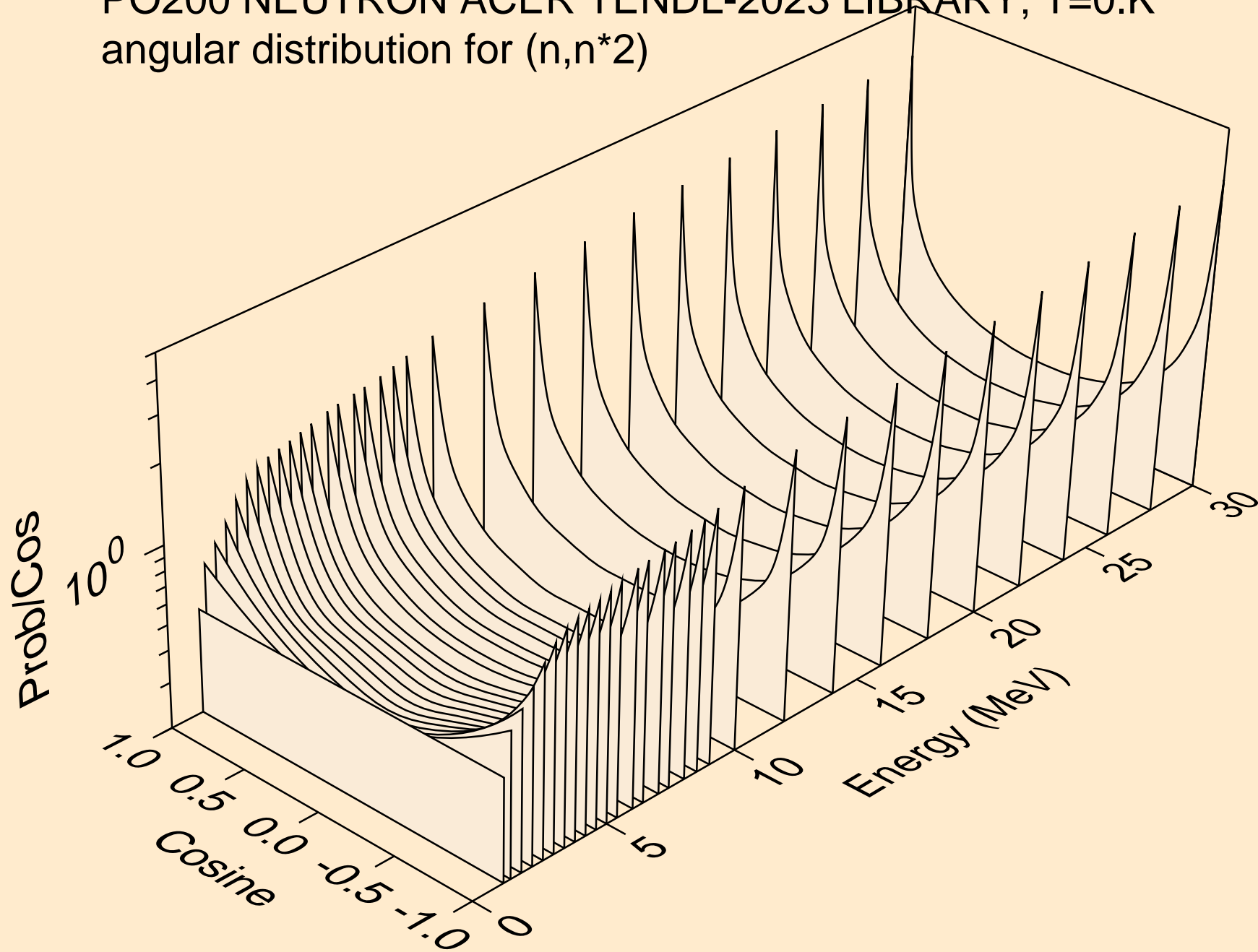
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angular distribution for elastic



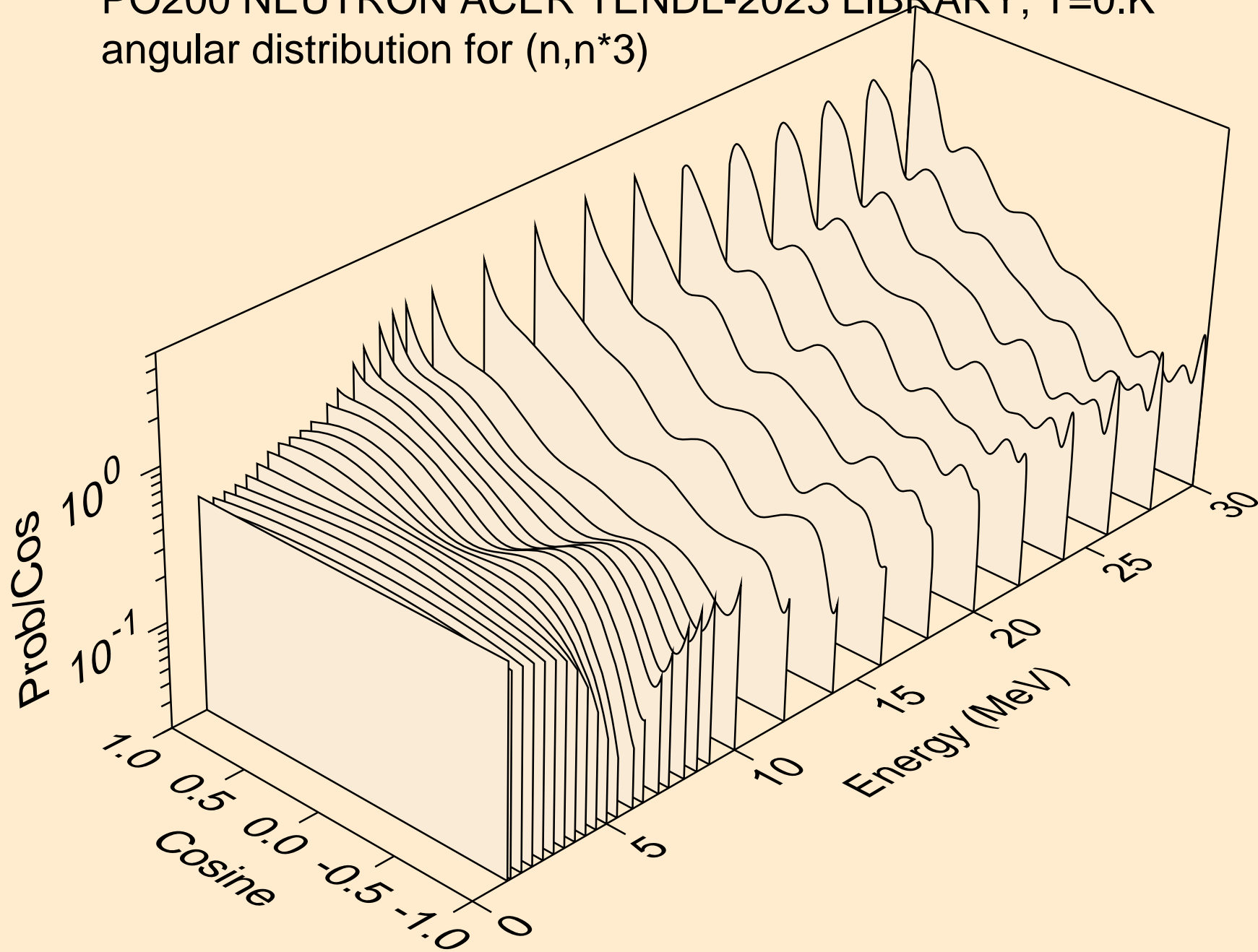
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angular distribution for (n,n\*1)



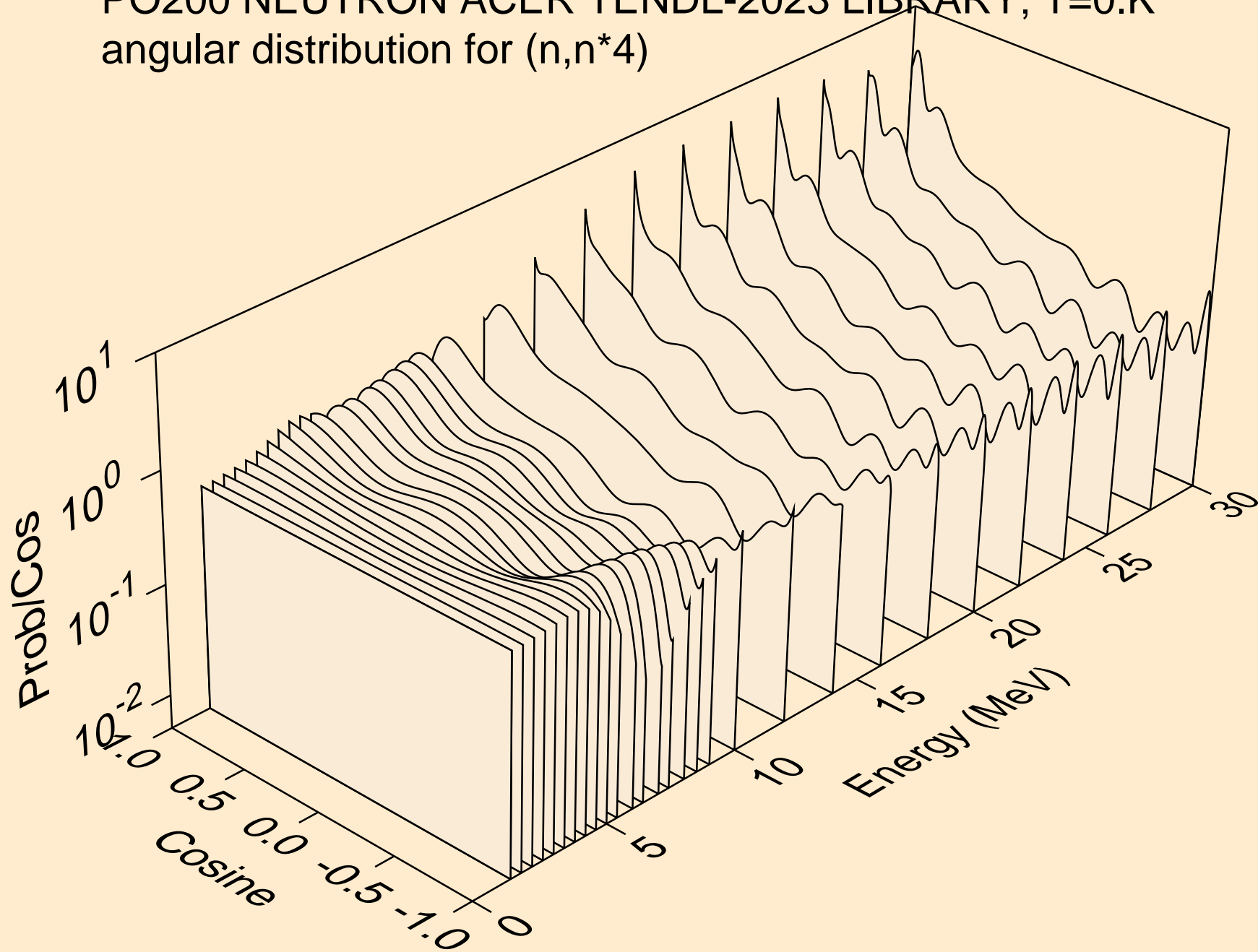
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angular distribution for (n,n\*2)



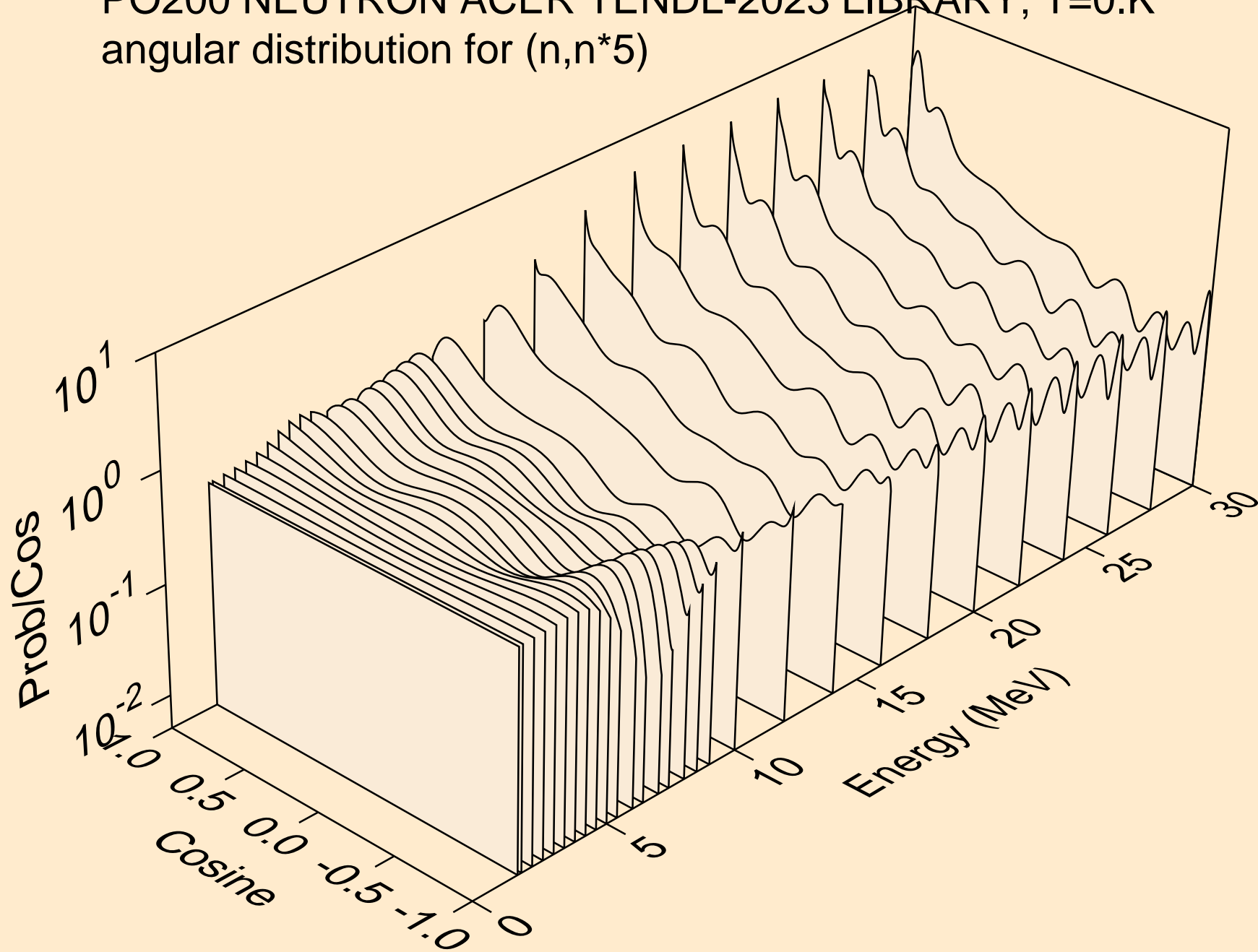
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angular distribution for (n,n\*3)



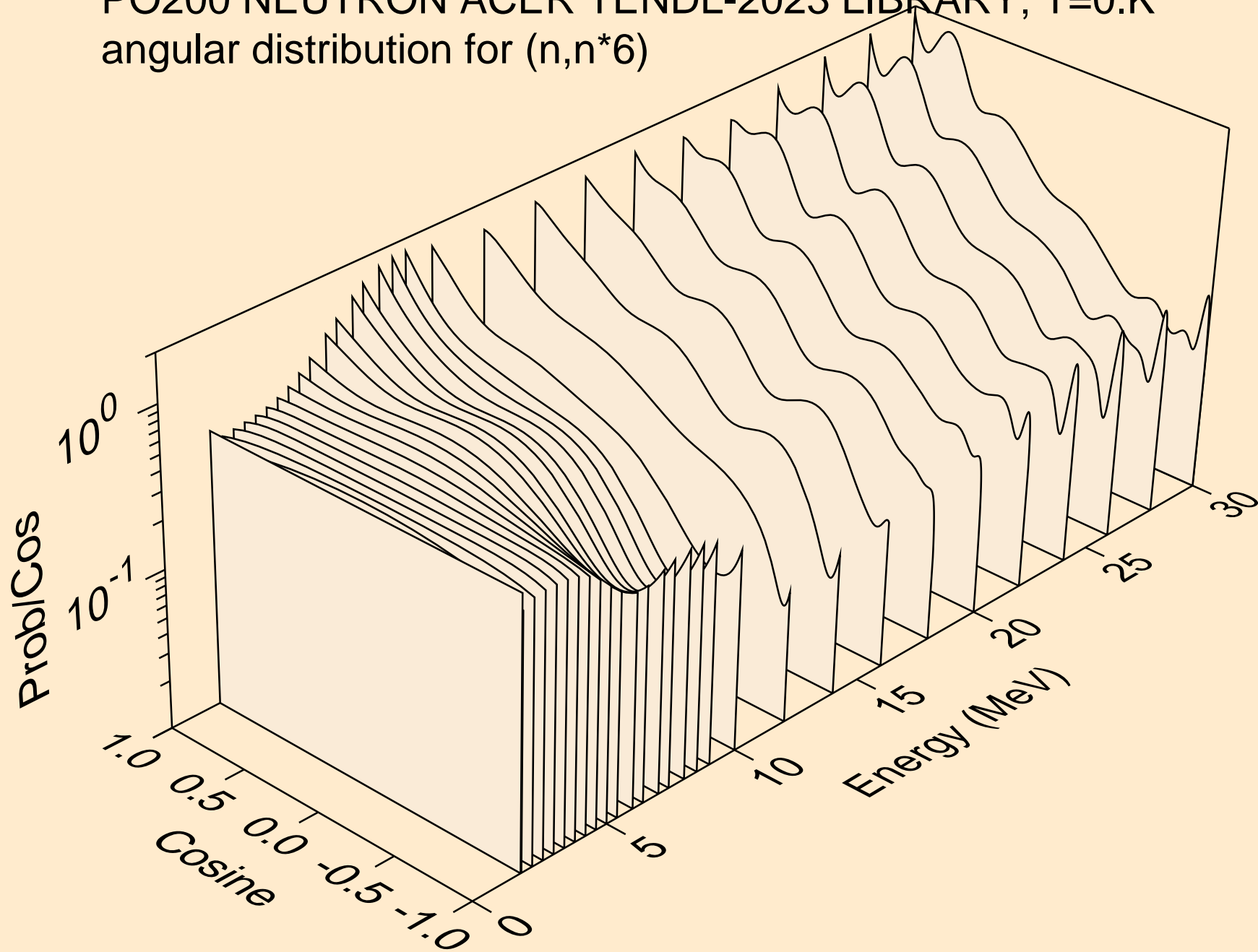
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angular distribution for (n,n\*4)



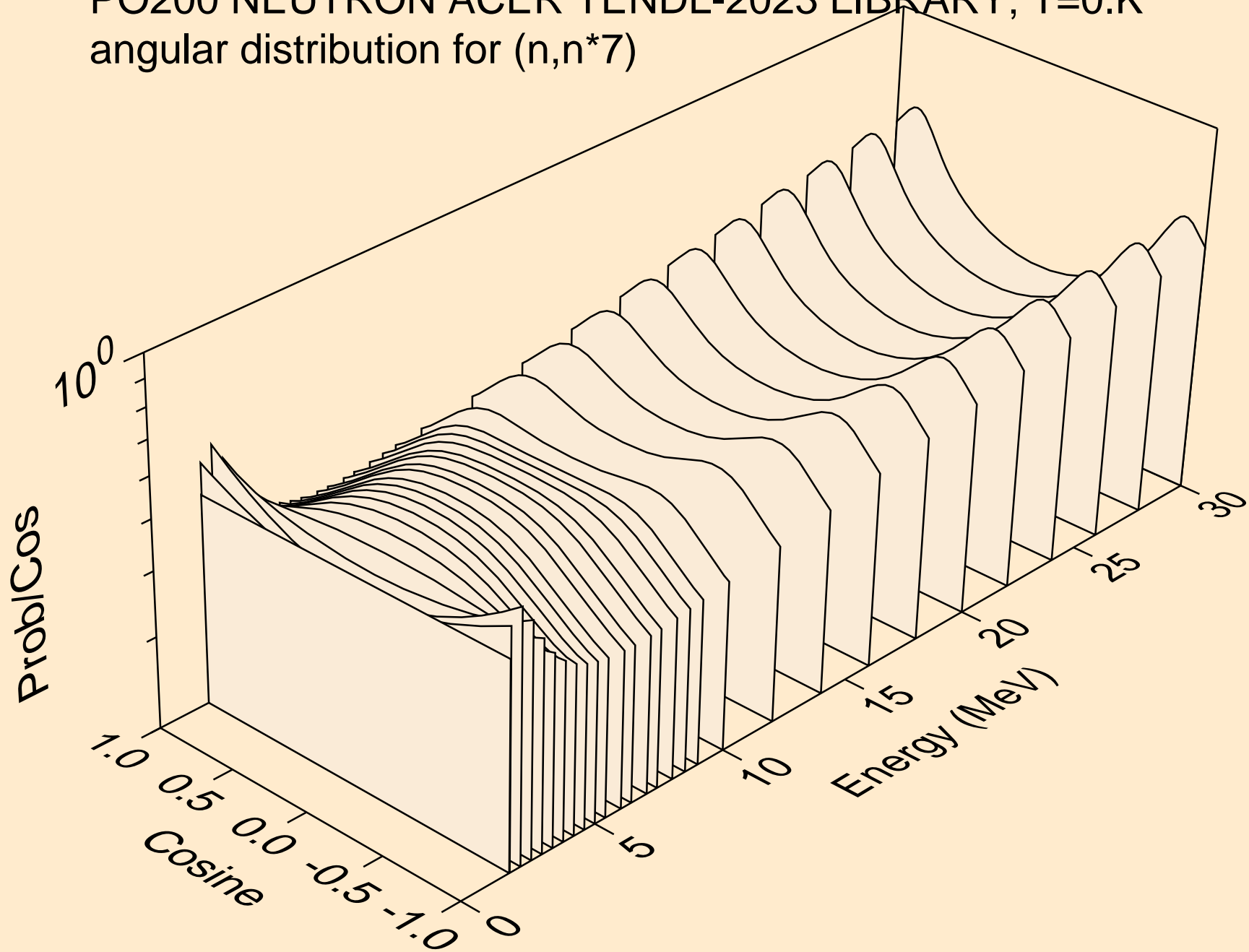
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

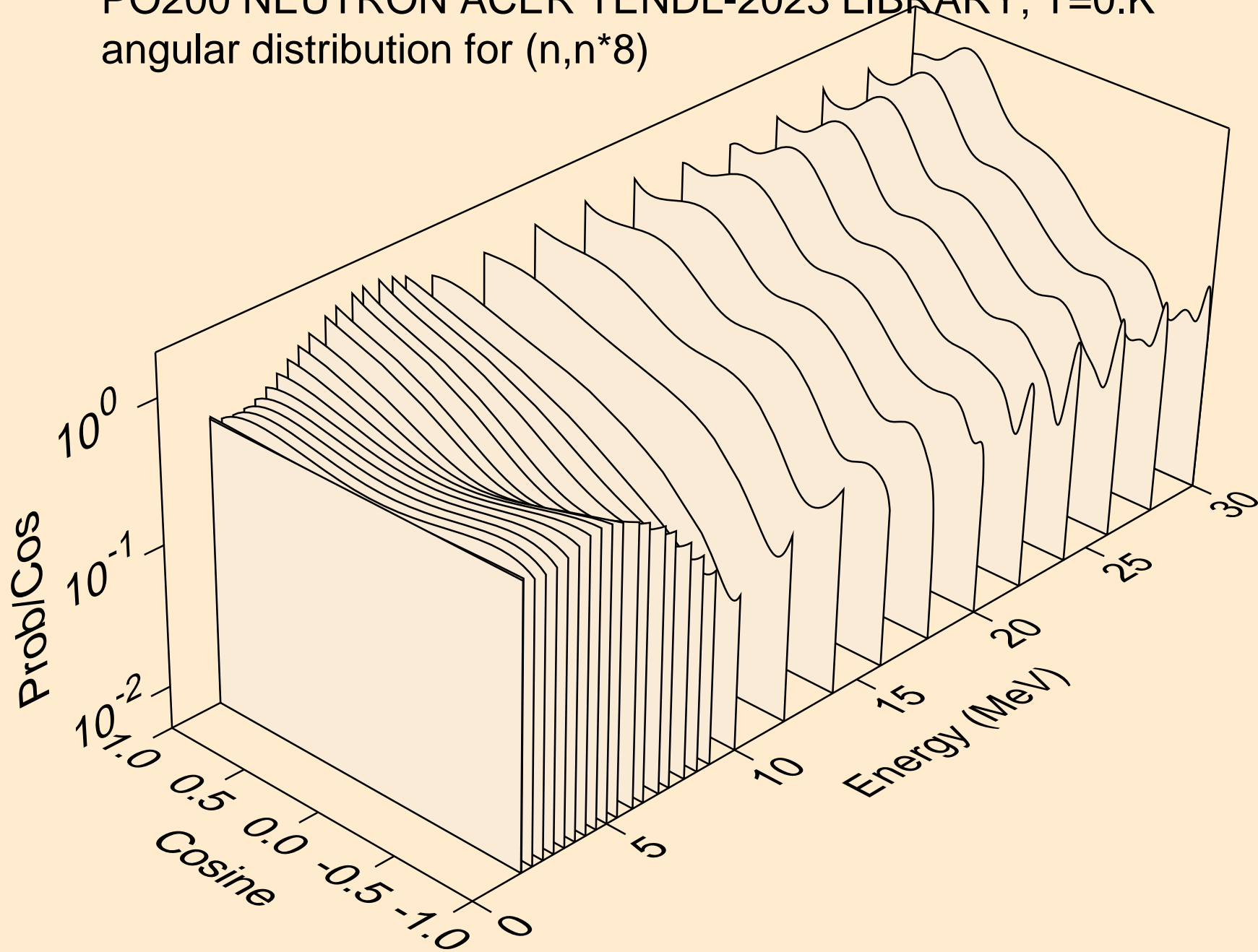


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angular distribution for (n,n\*7)

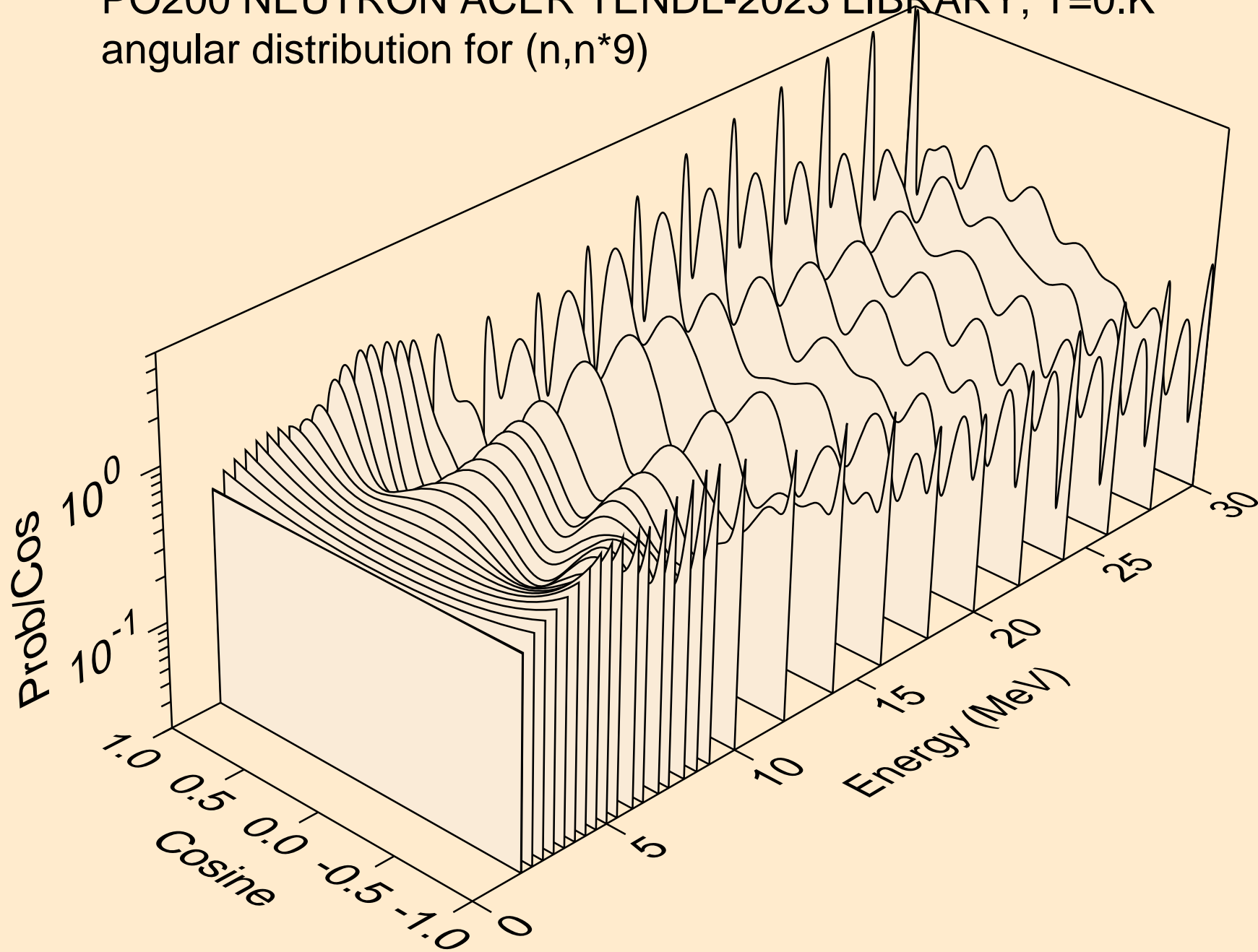




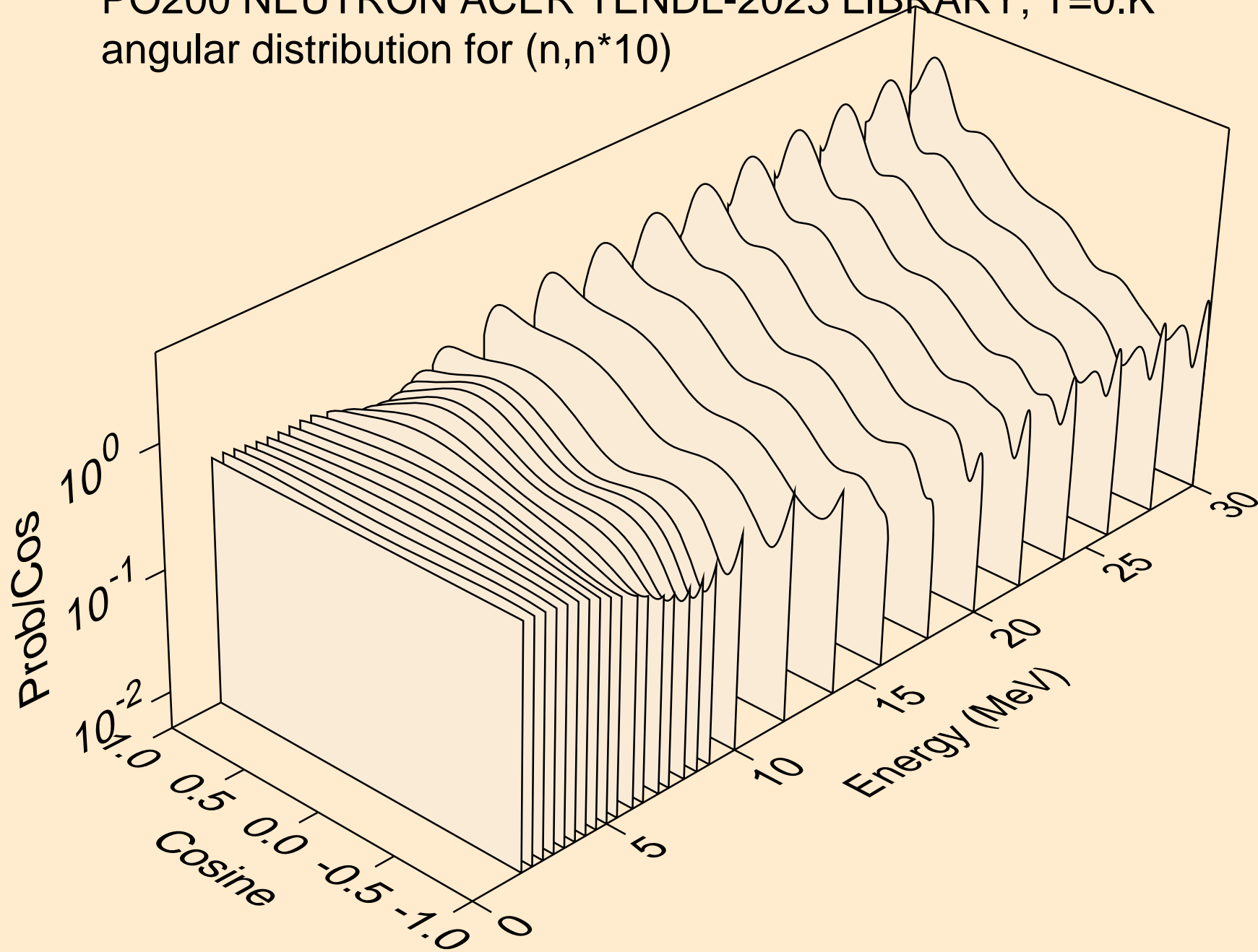
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angular distribution for (n,n\*8)



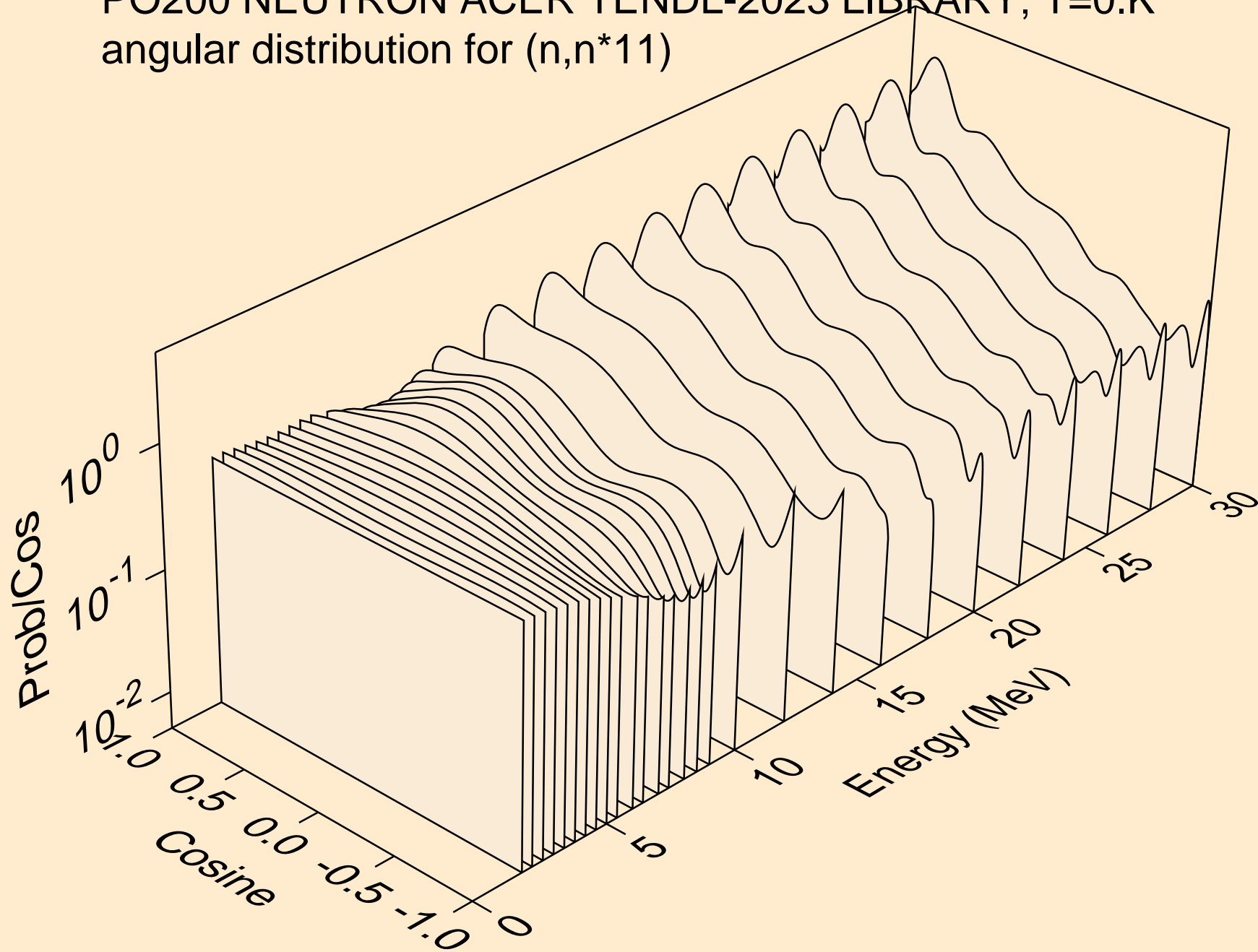
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angular distribution for (n,n\*9)



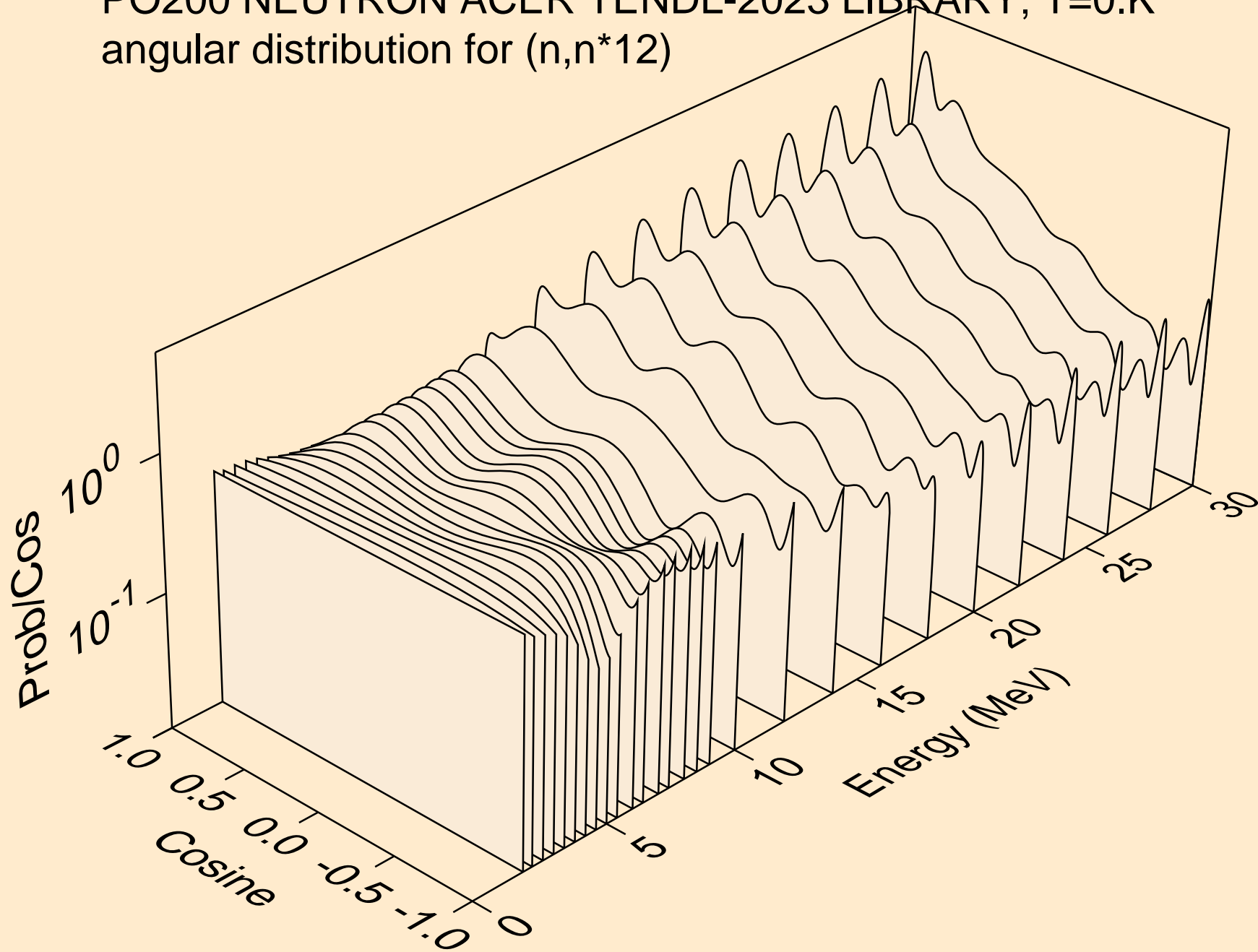
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angular distribution for (n,n\*10)



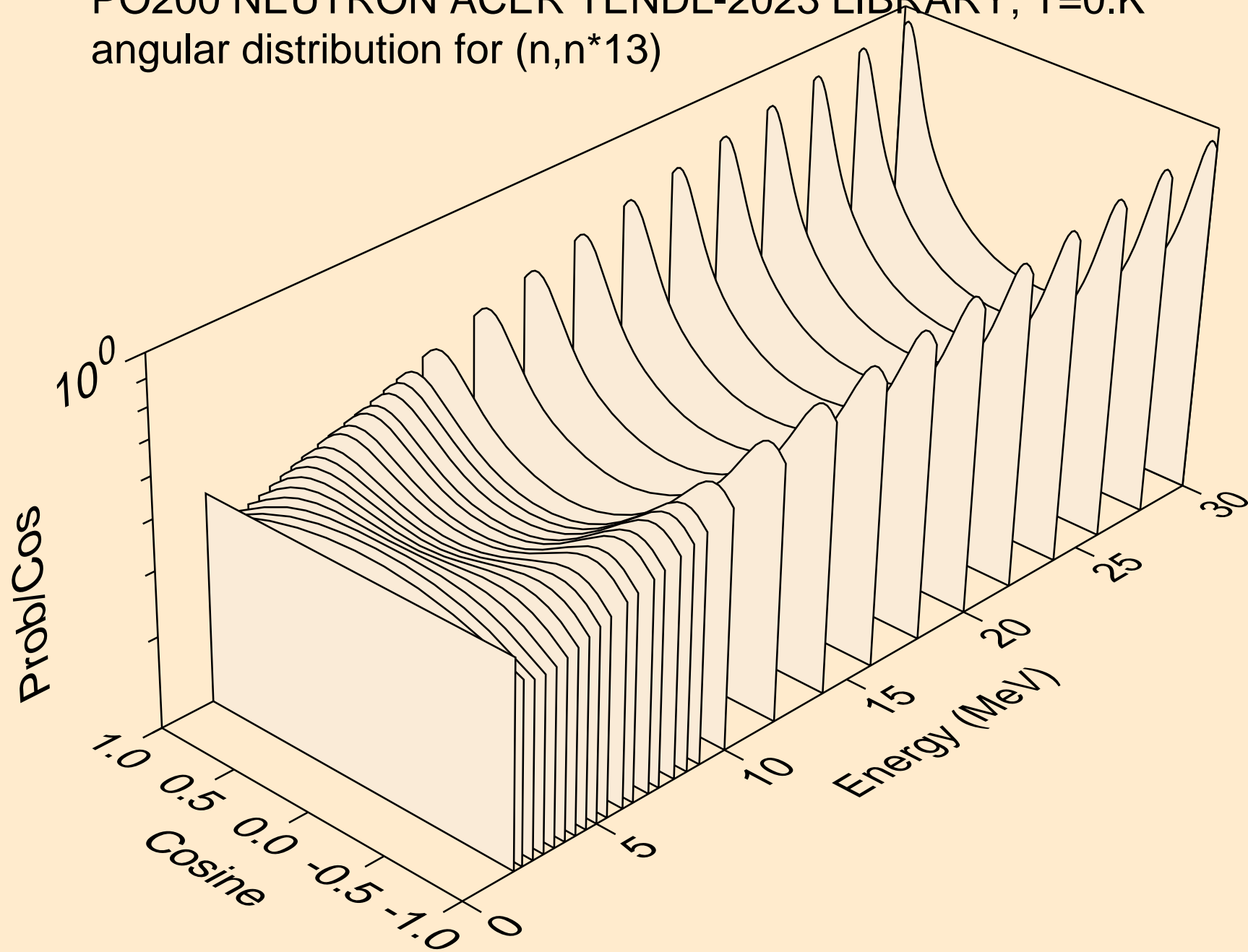
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angular distribution for (n,n\*11)



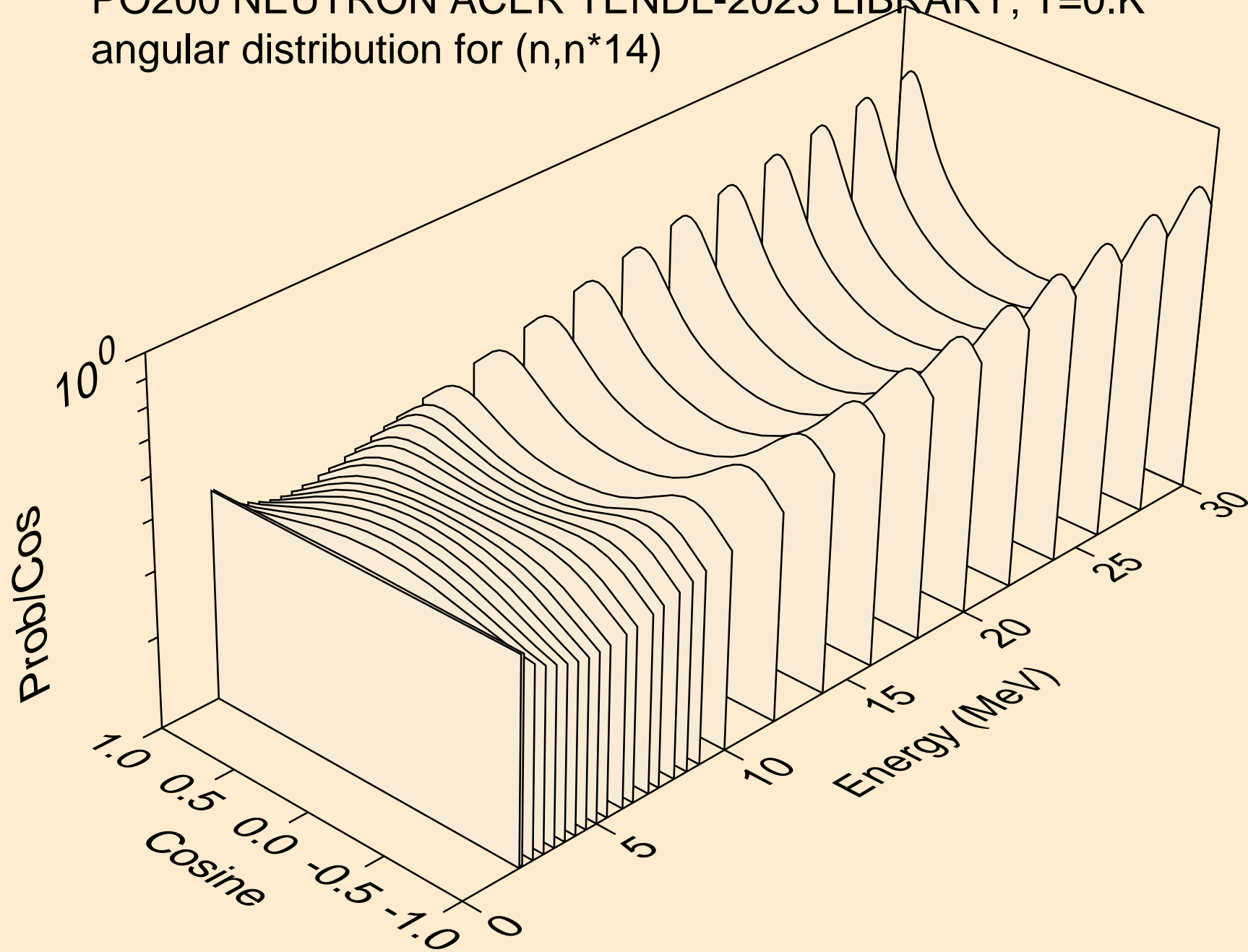
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angular distribution for (n,n\*12)



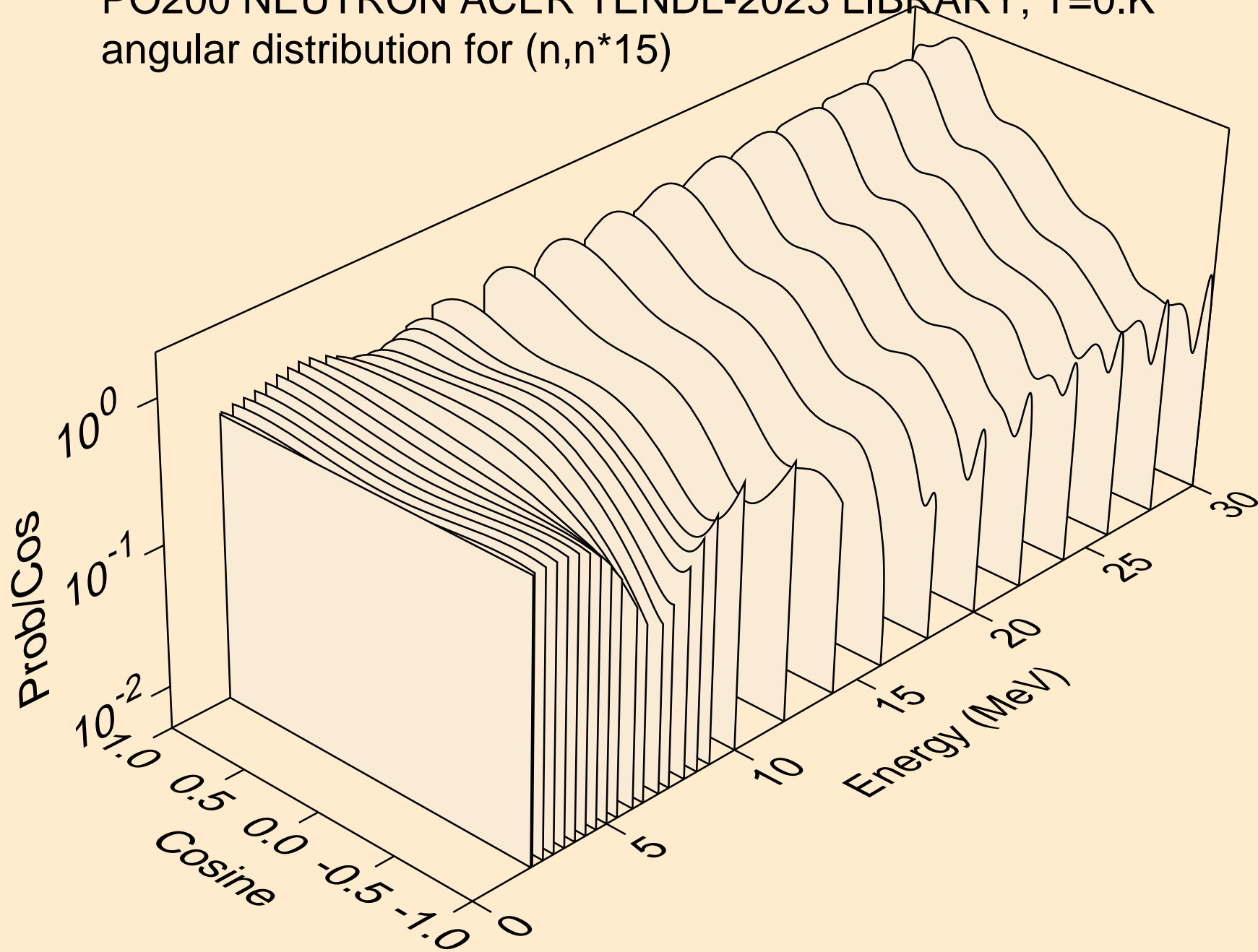
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

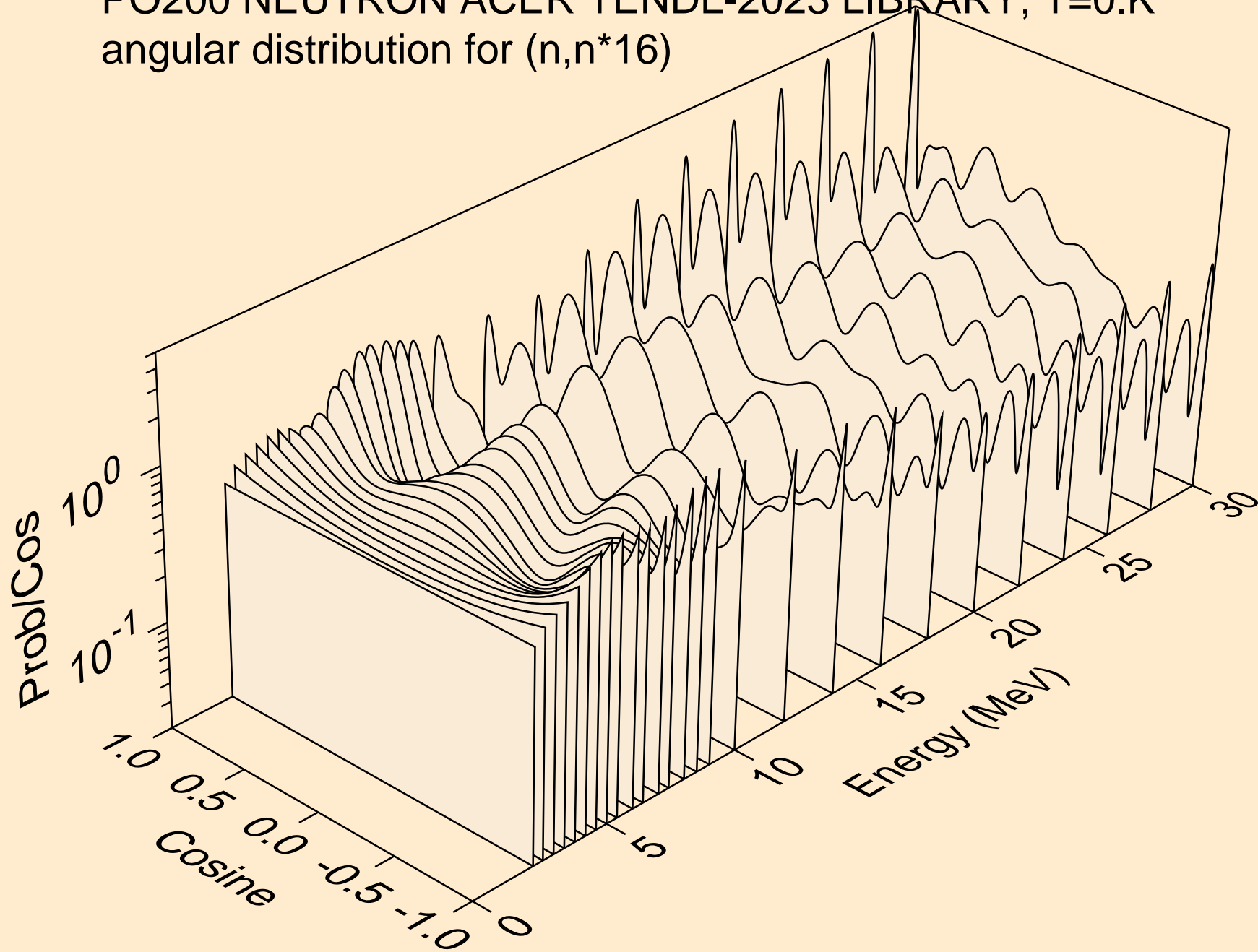


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angular distribution for (n,n\*15)

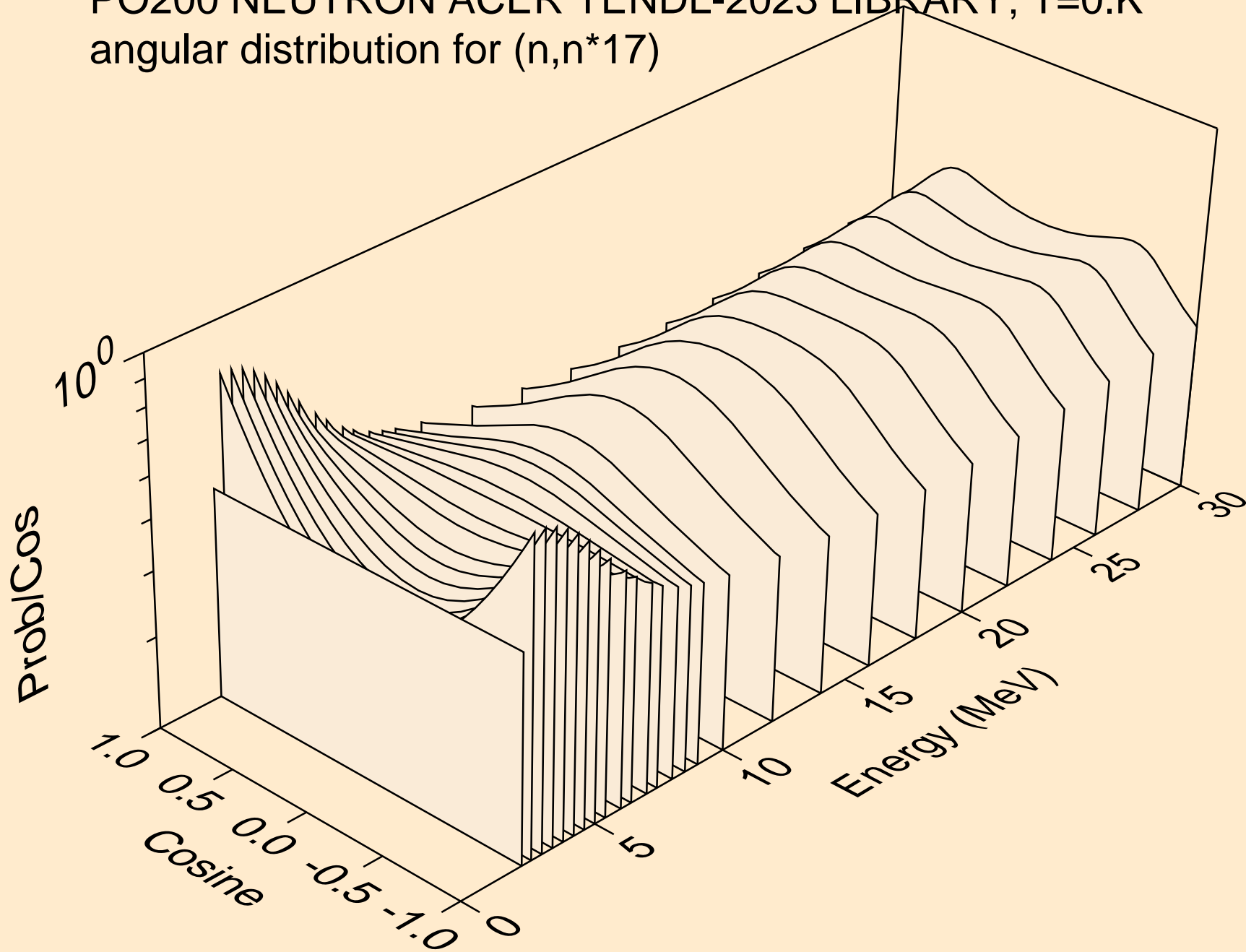




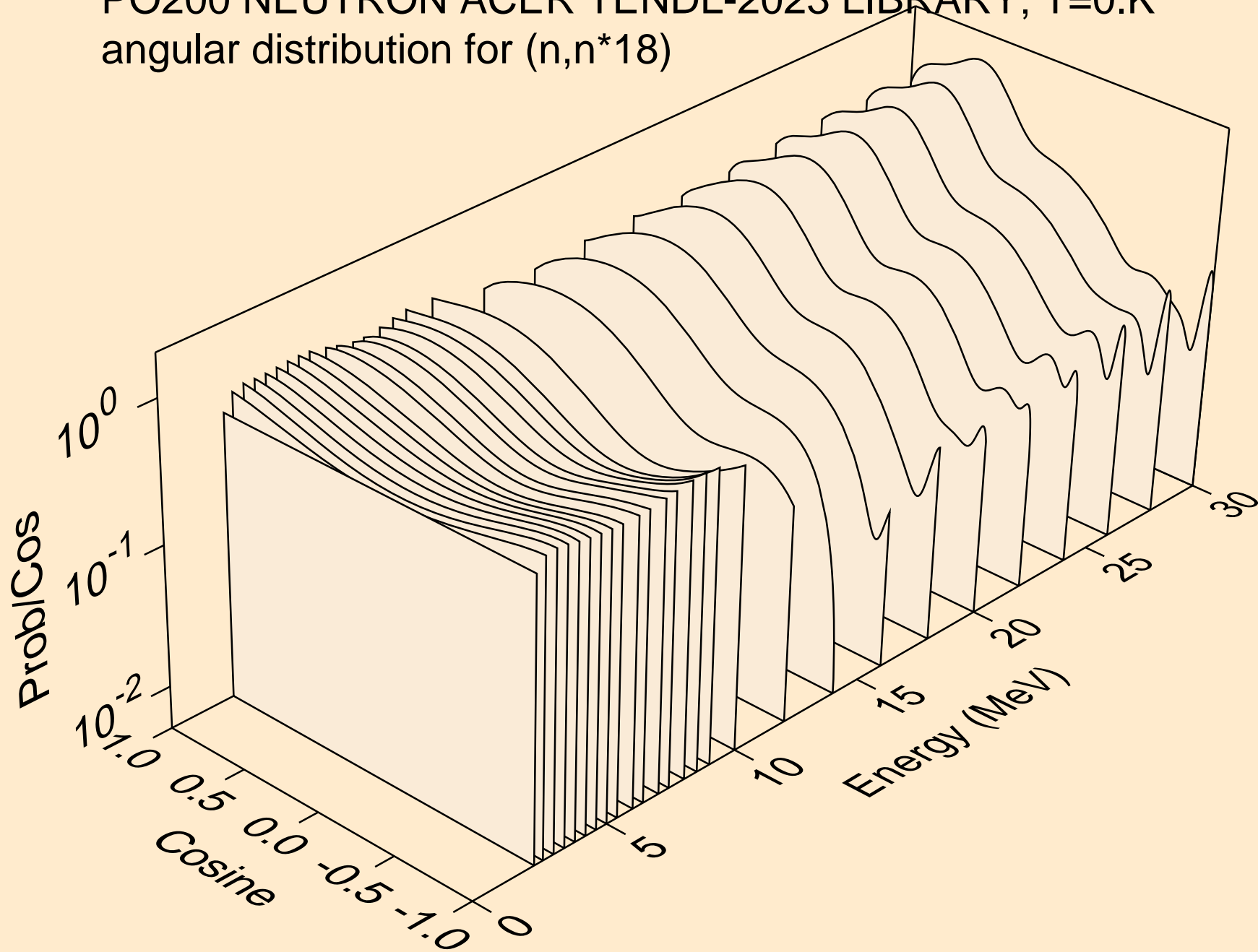
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angular distribution for (n,n\*16)



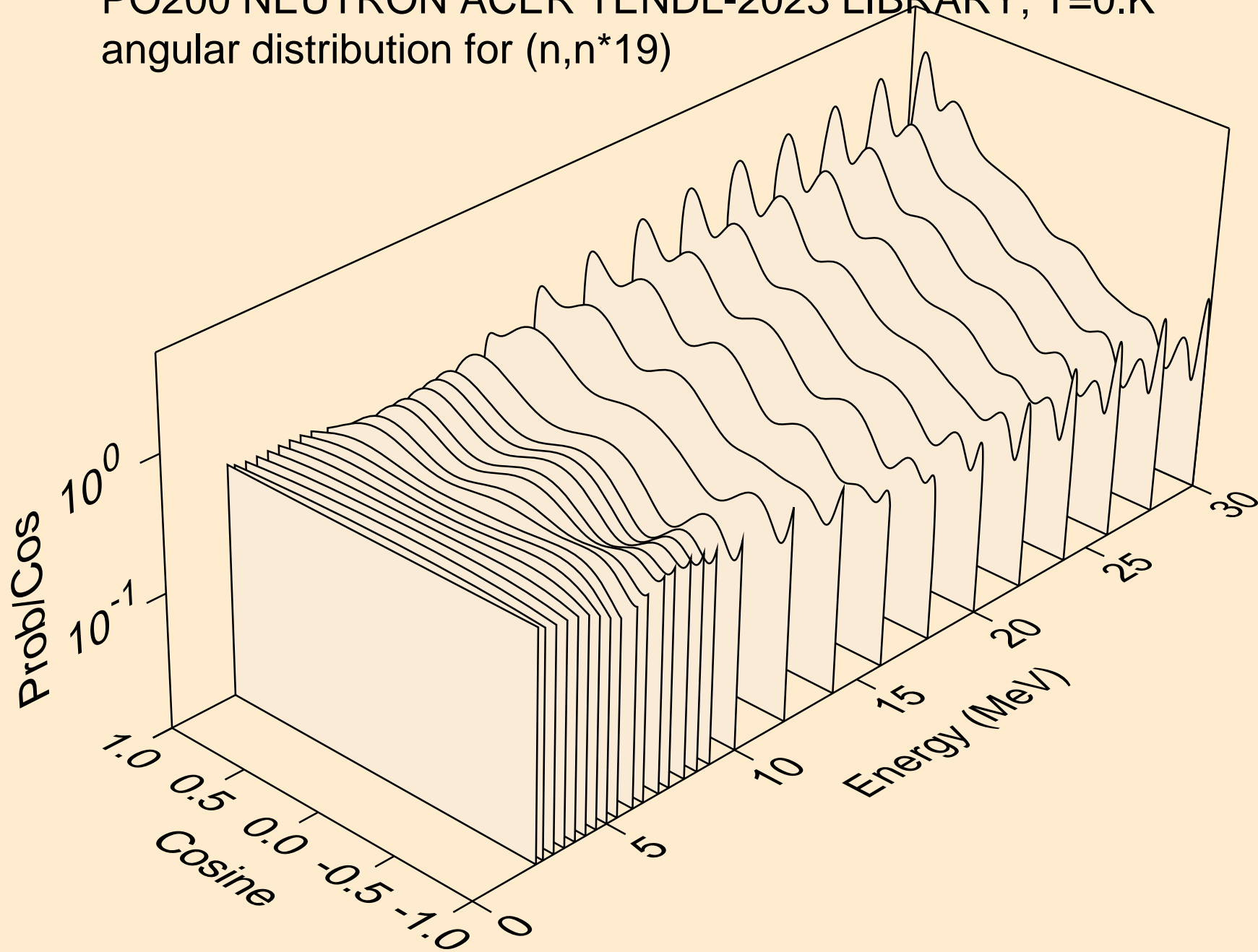
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angular distribution for (n,n\*17)



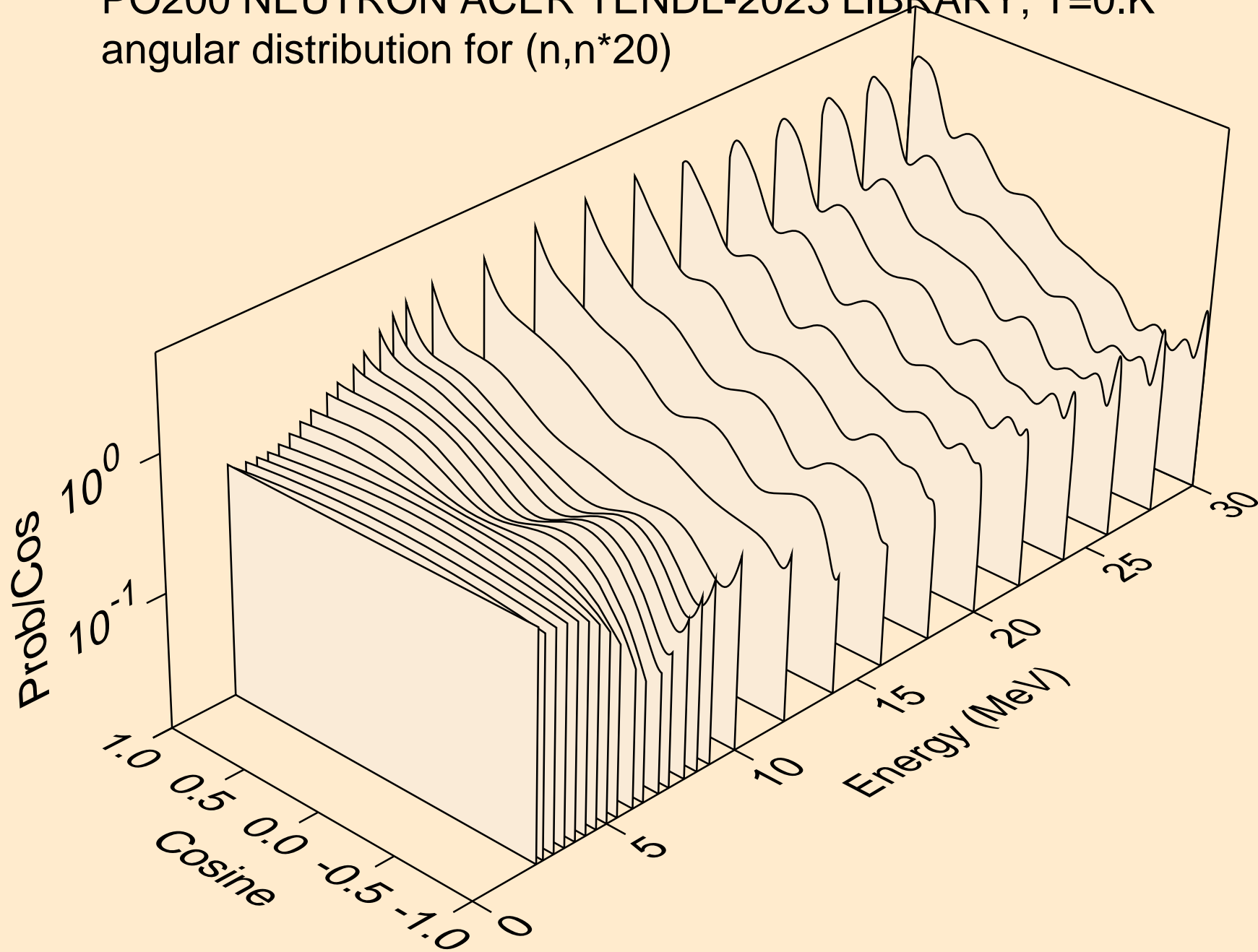
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angular distribution for (n,n\*18)



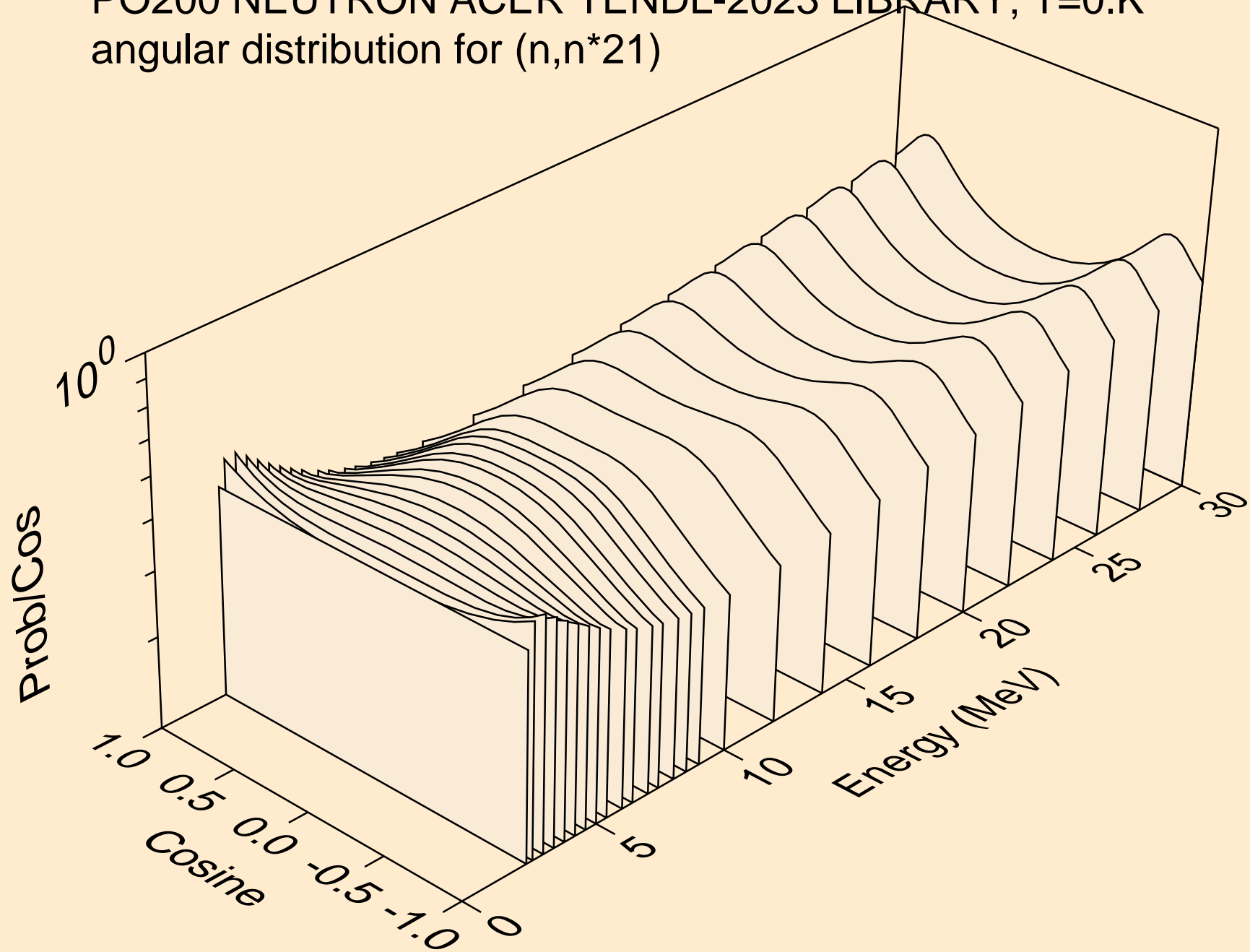
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angular distribution for (n,n\*19)



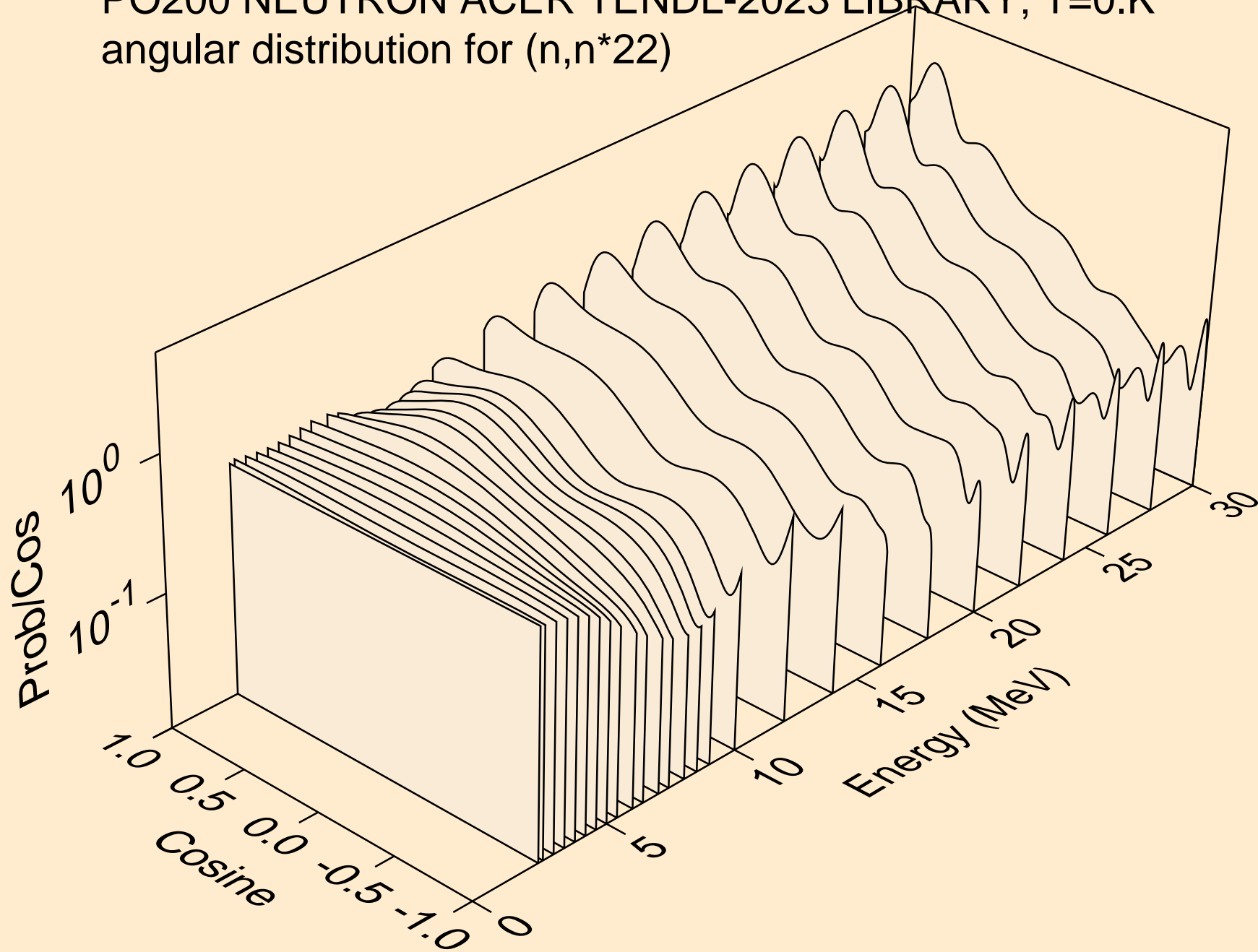
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angular distribution for (n,n\*20)



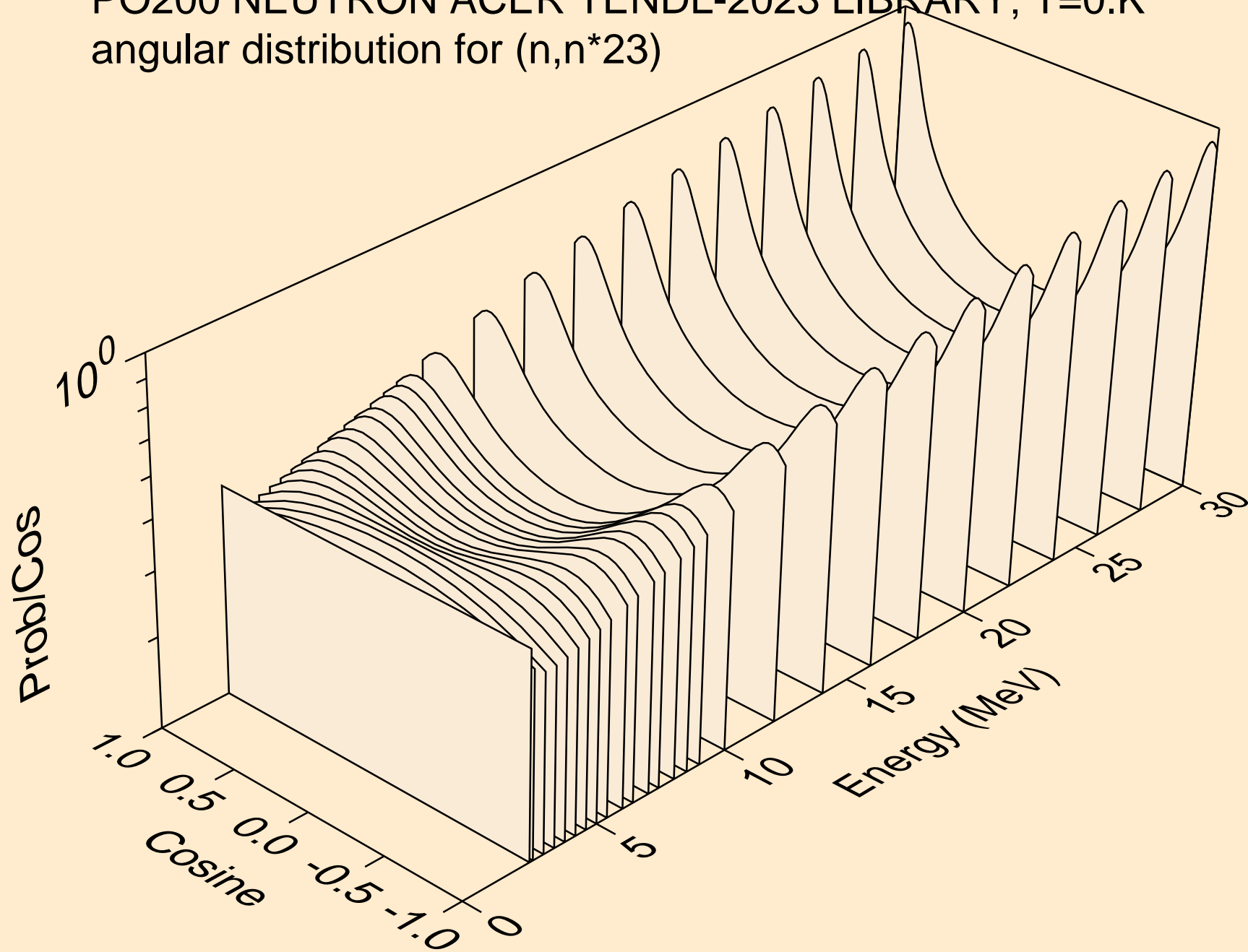
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

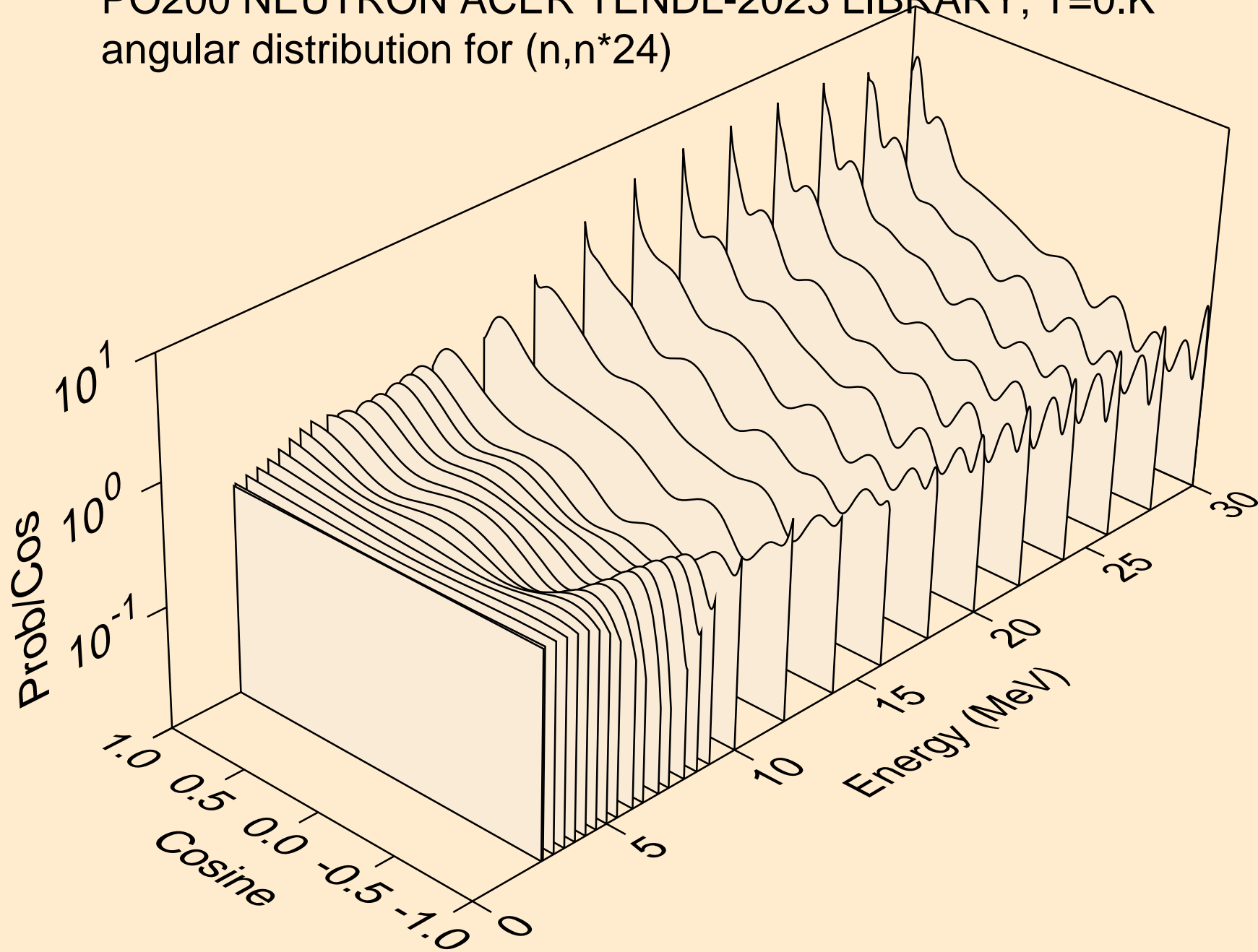


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angular distribution for (n,n\*23)

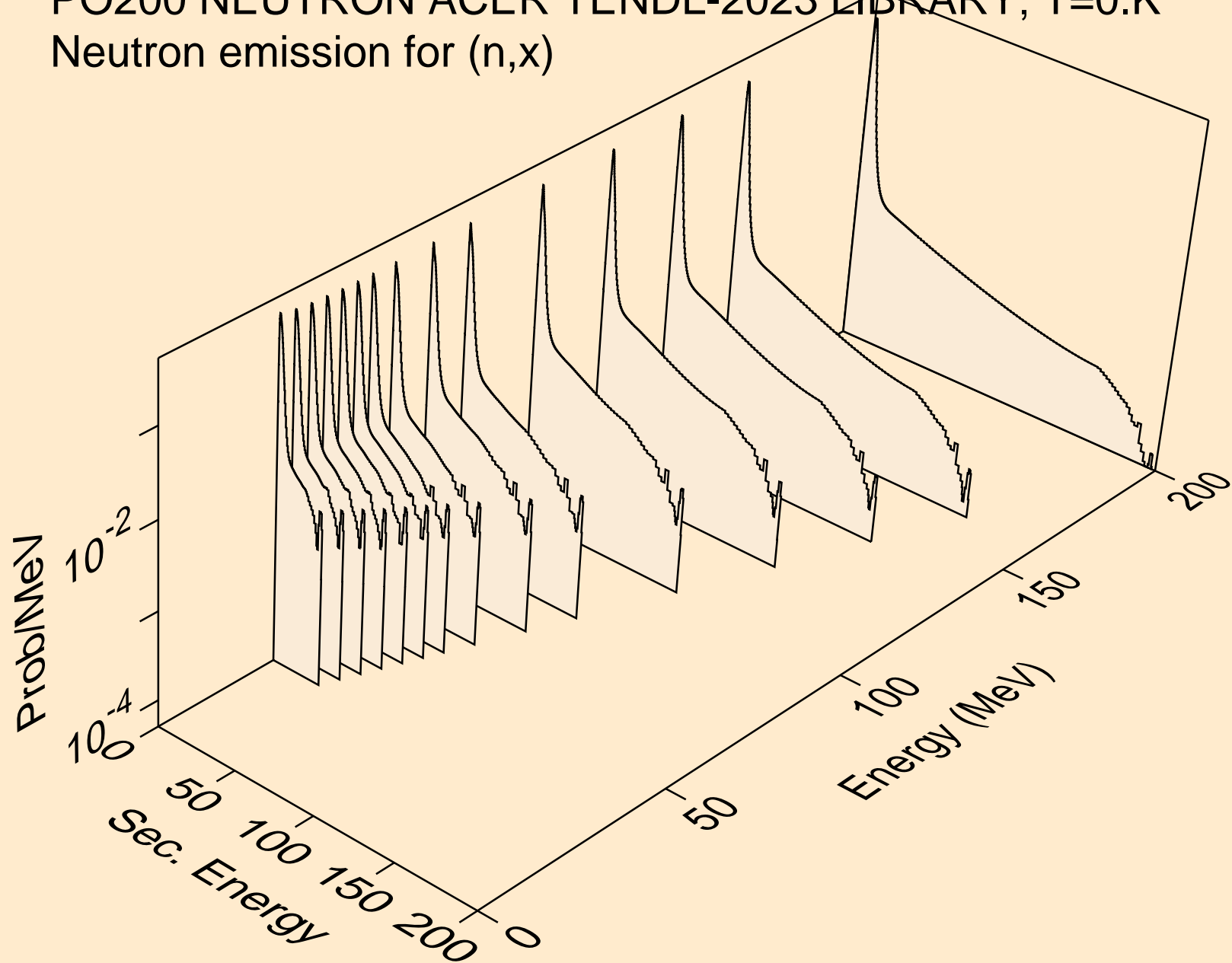




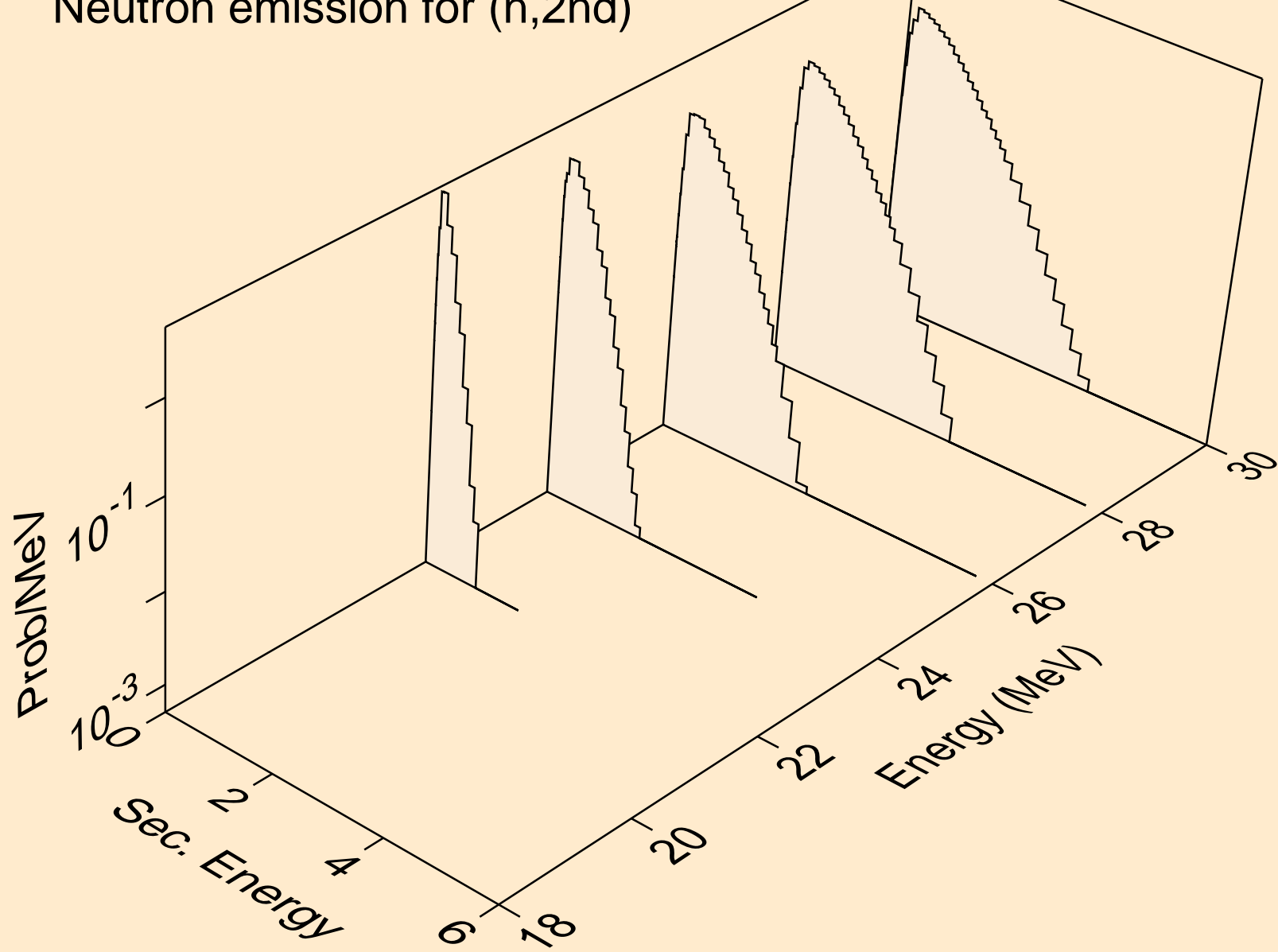
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angular distribution for (n,n\*24)



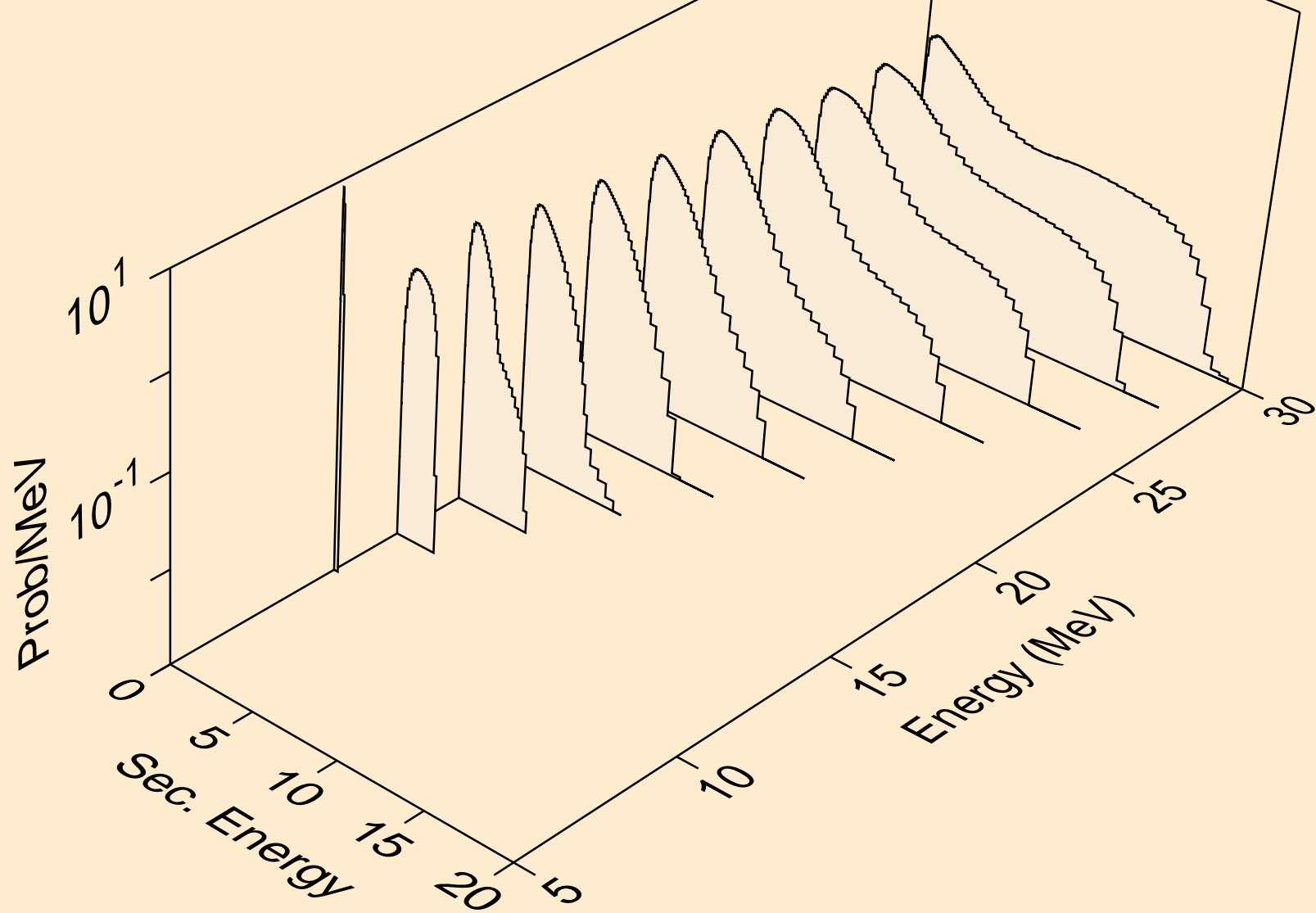
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Neutron emission for (n,x)



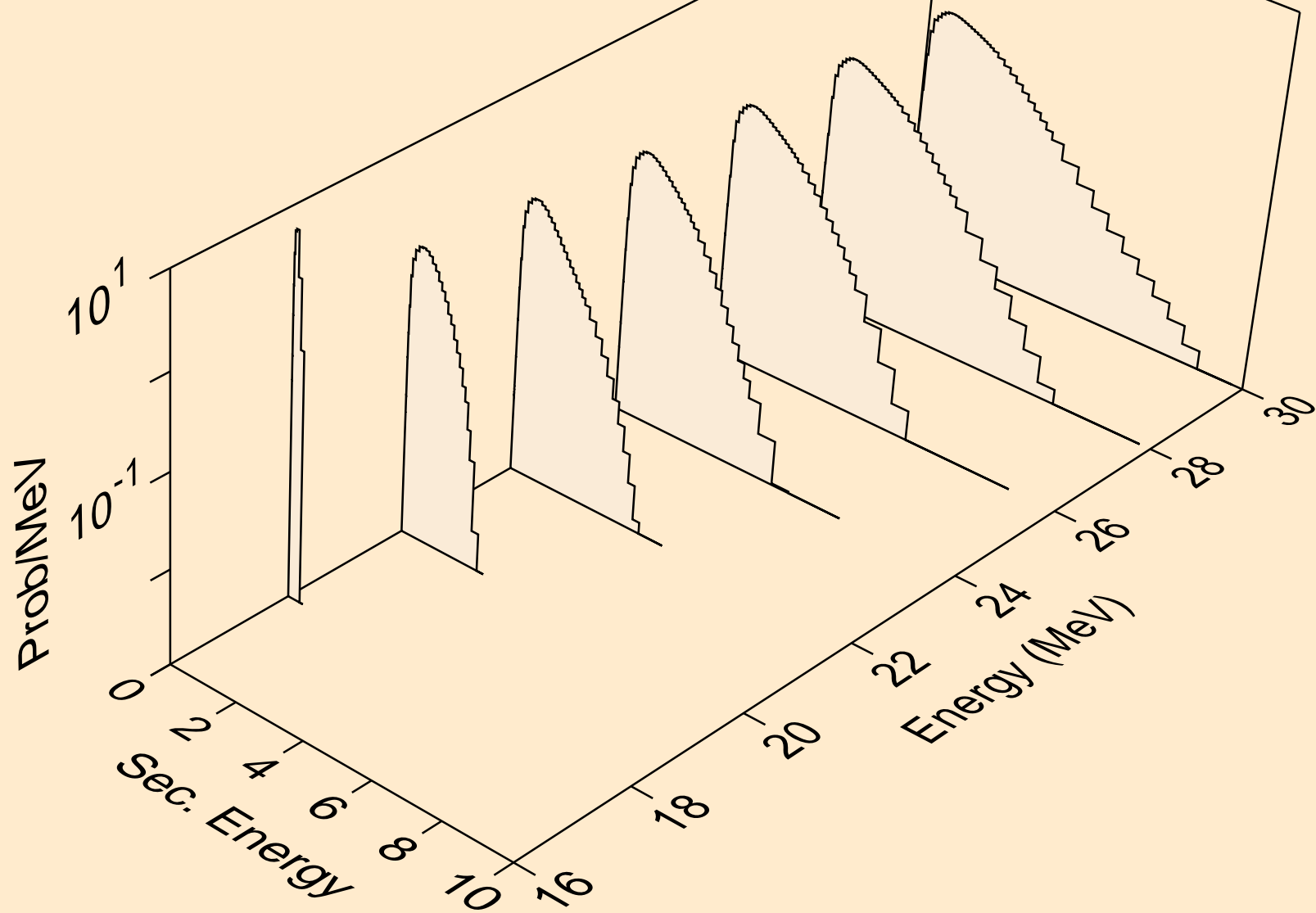
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



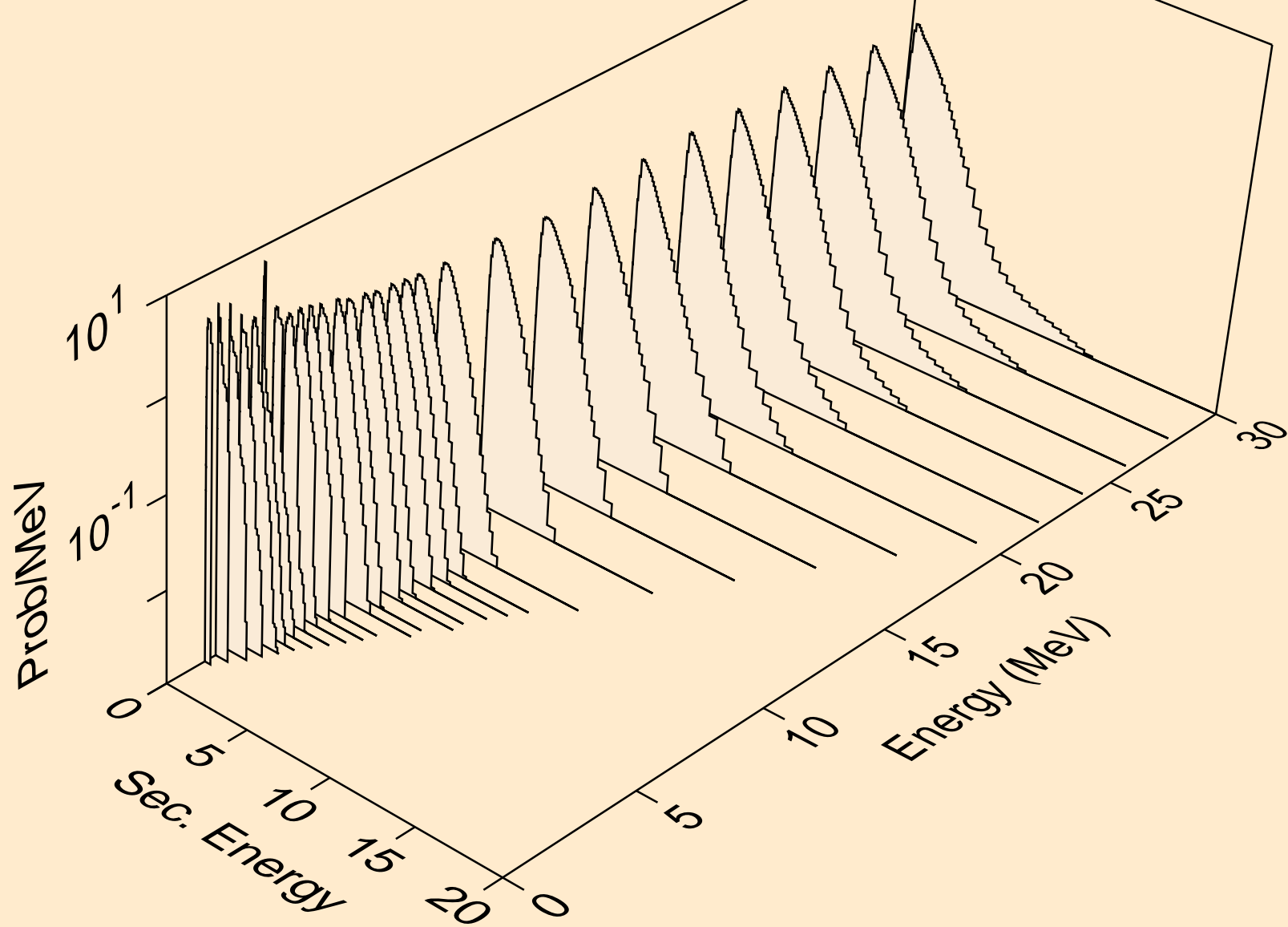
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



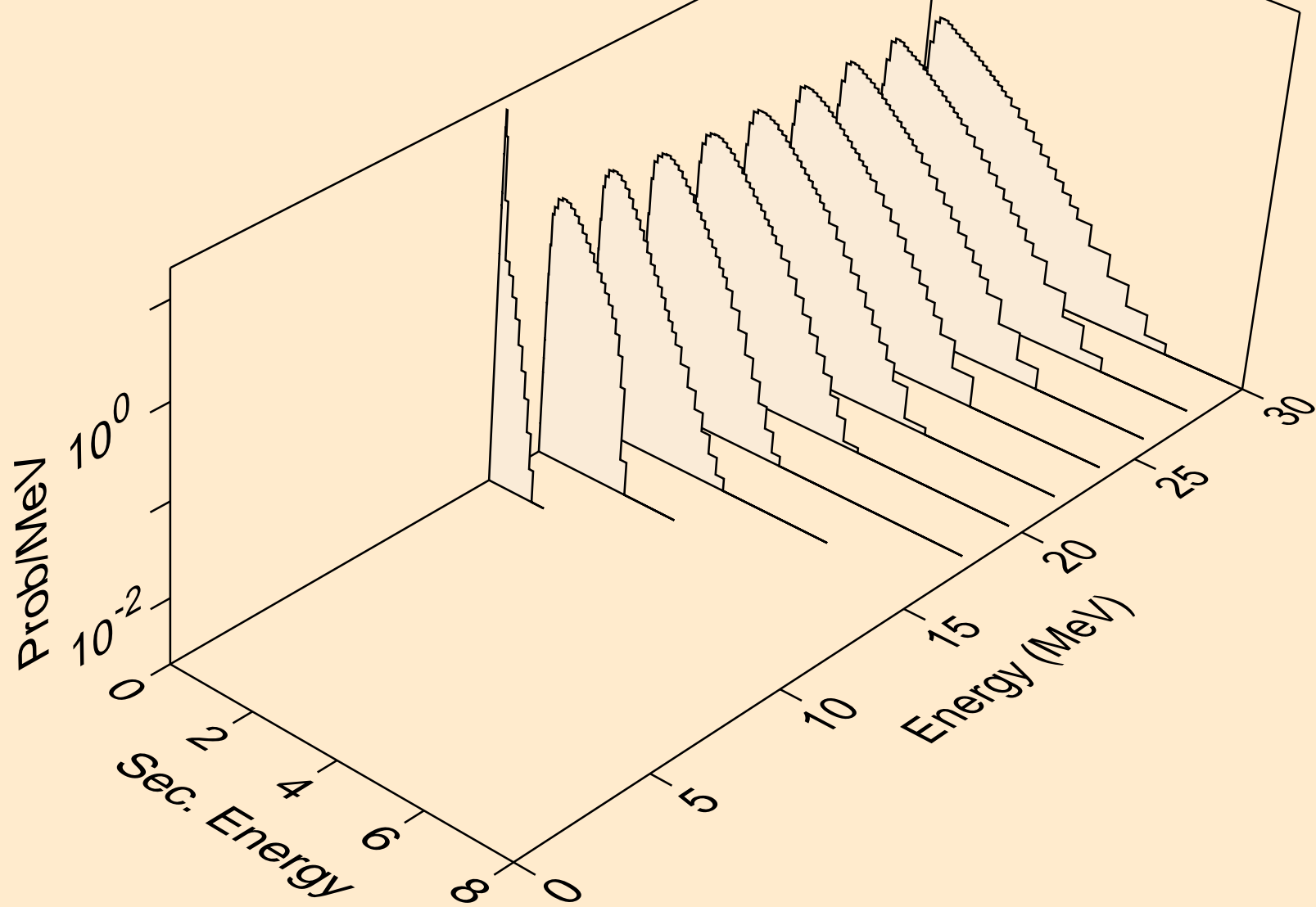
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Neutron emission for (n,3n)



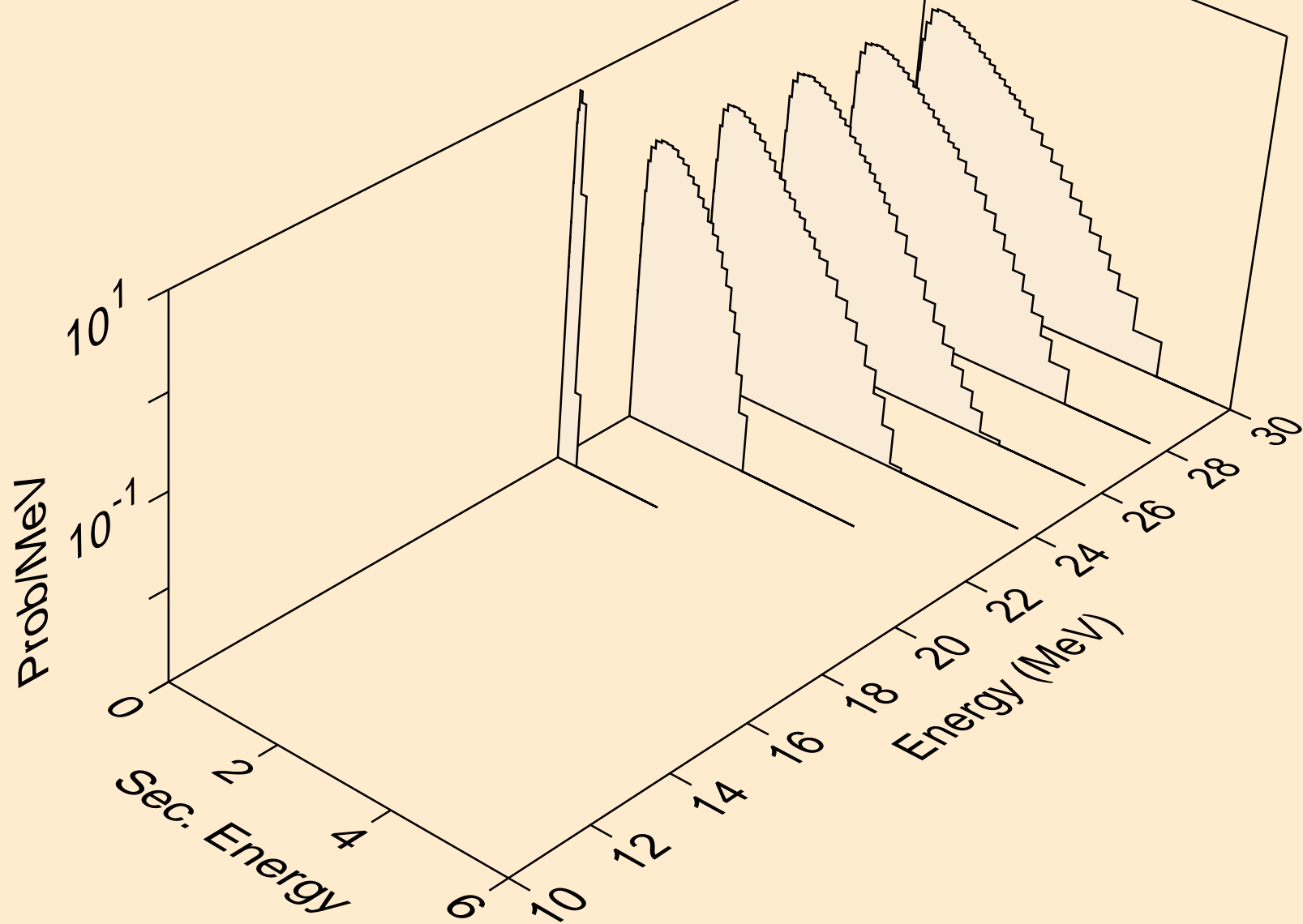
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

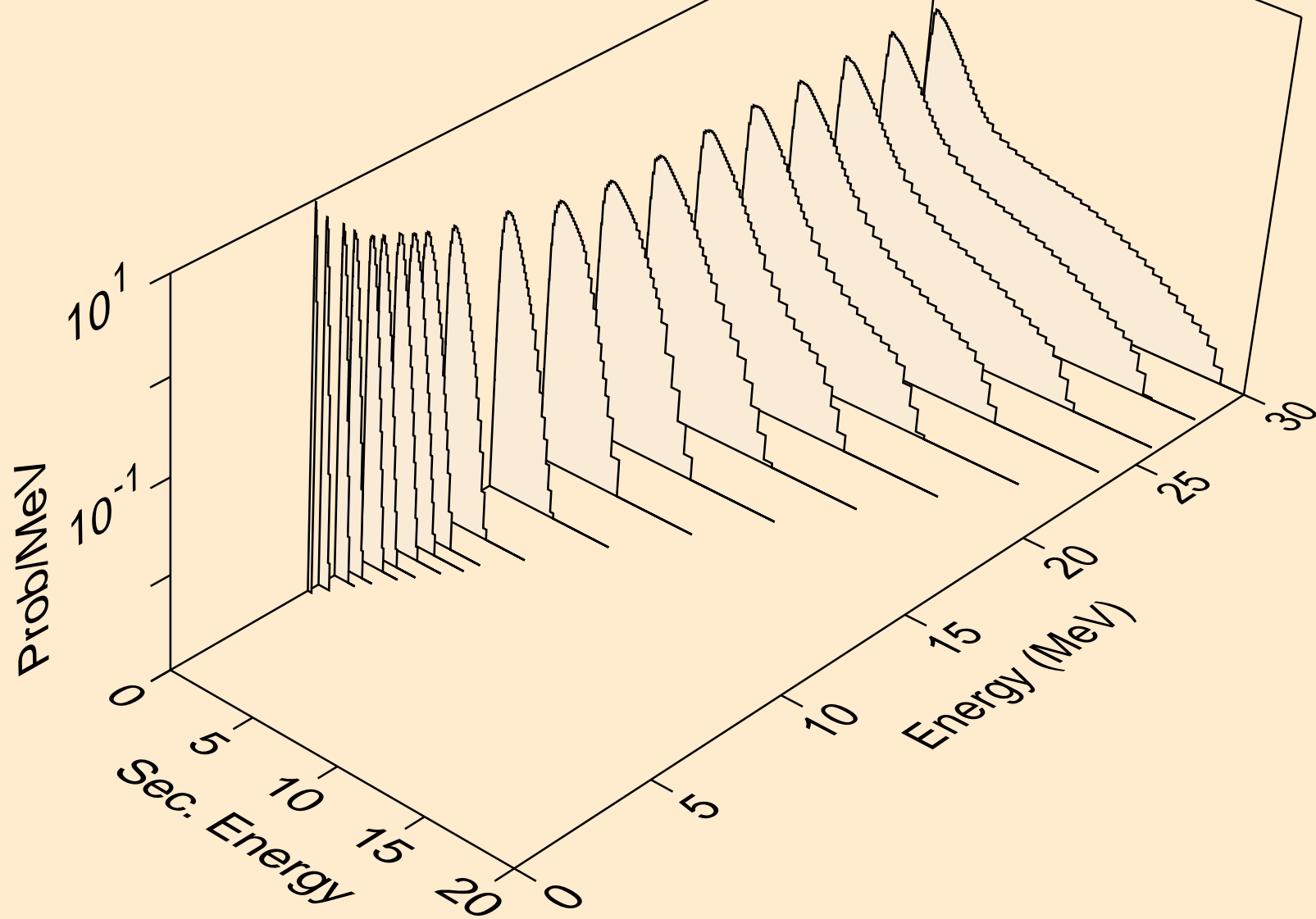


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

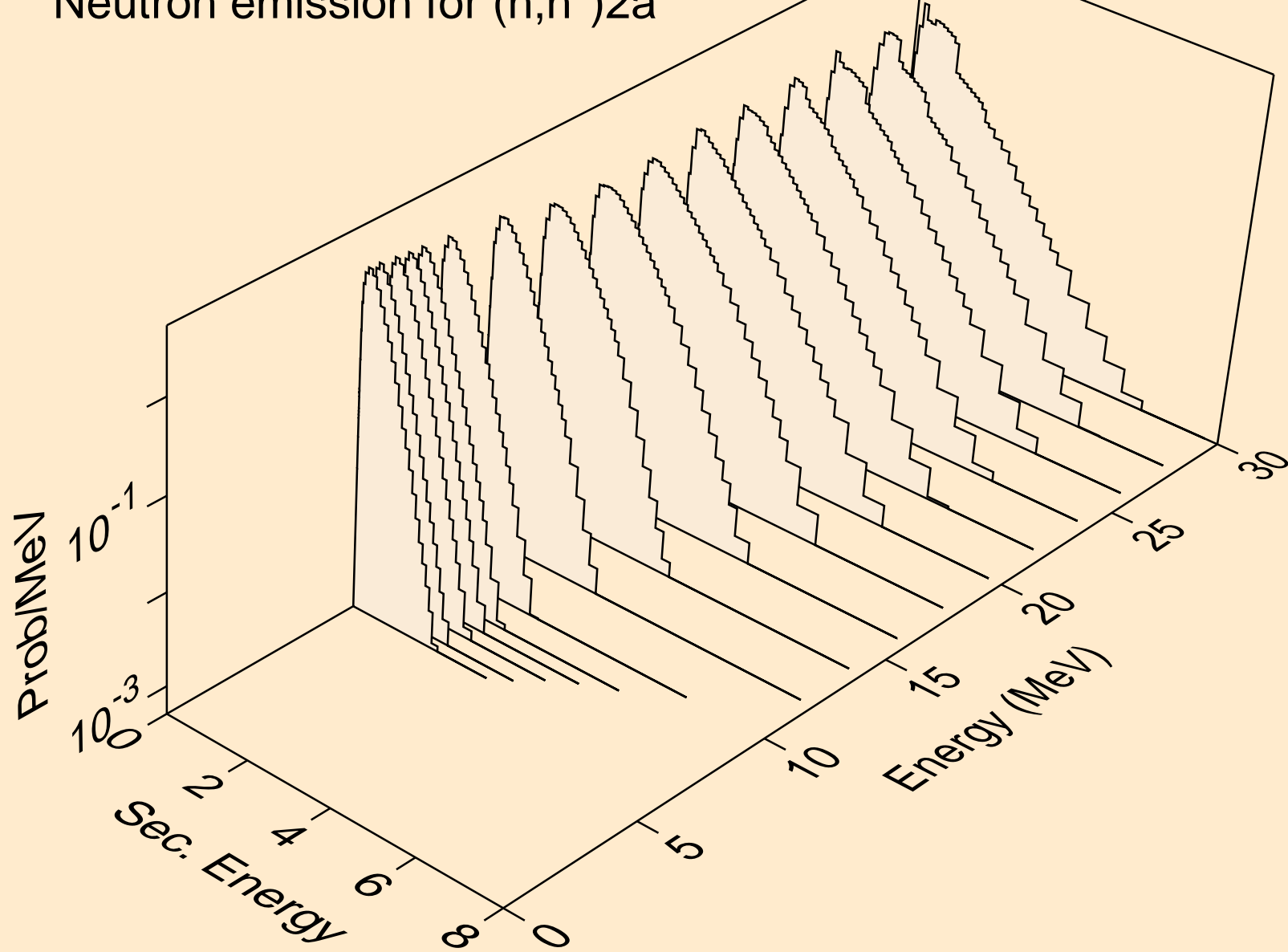




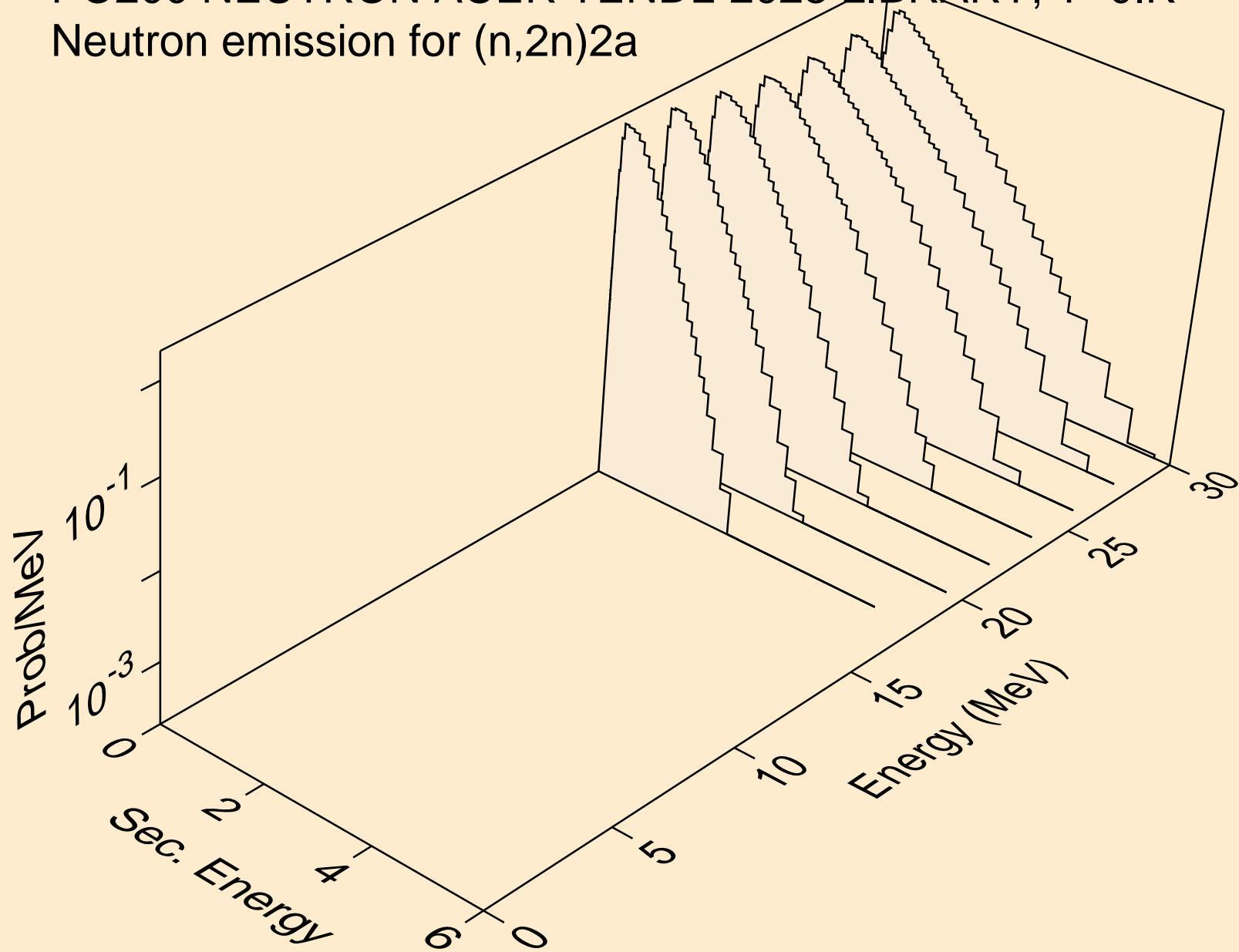
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Neutron emission for (n,n\*)p



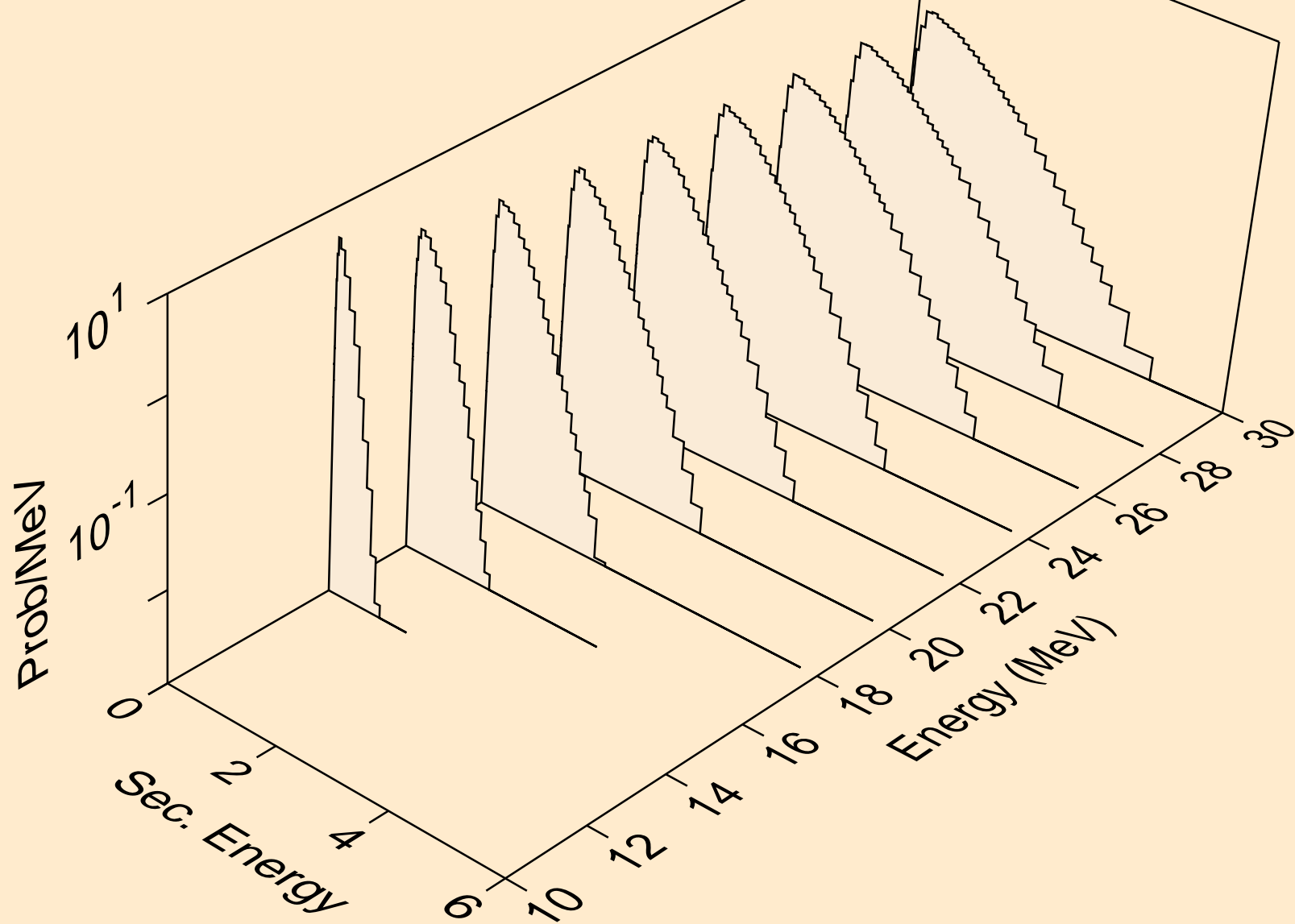
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Neutron emission for (n,n\*)2a



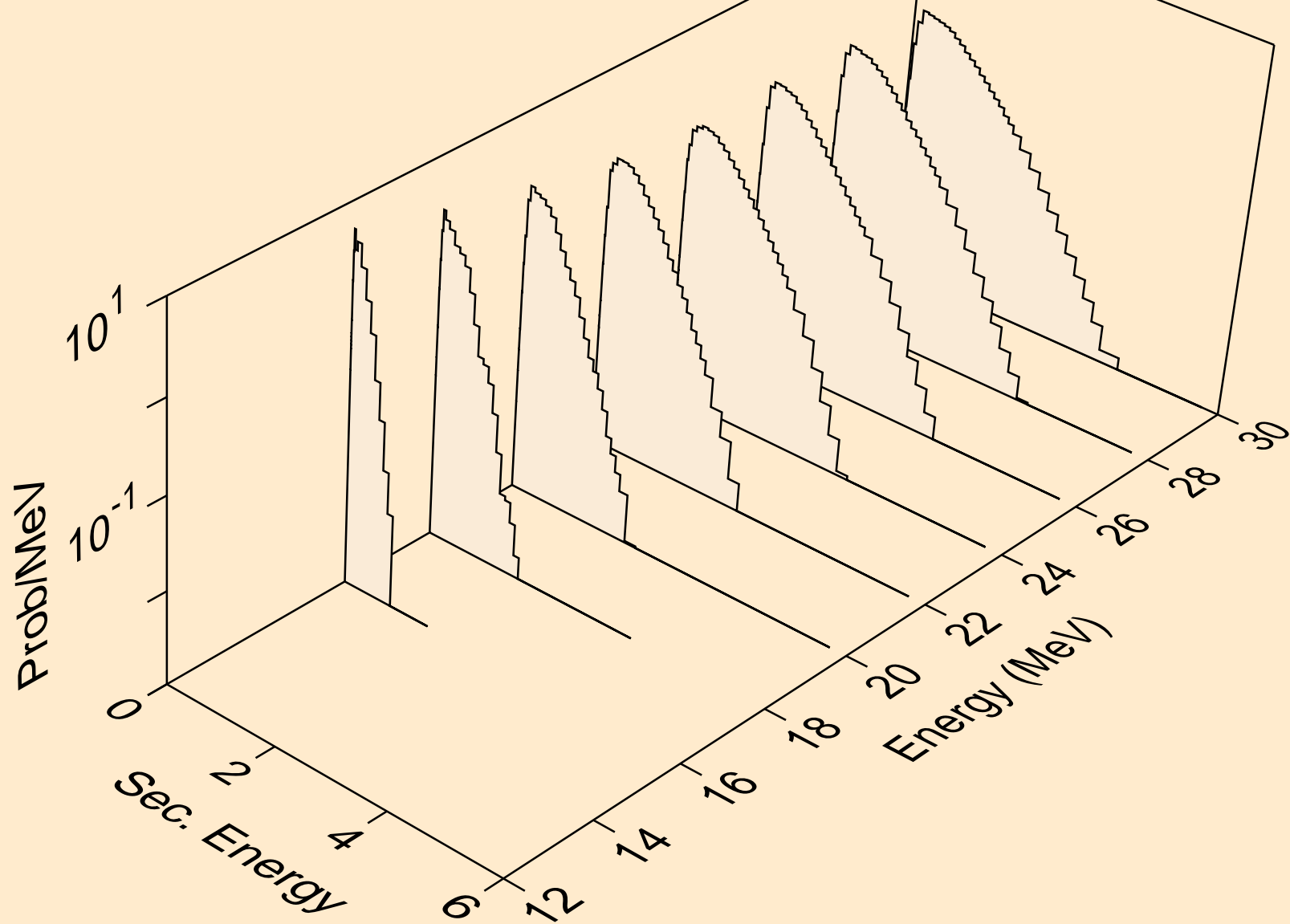
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Neutron emission for (n,2n)2a



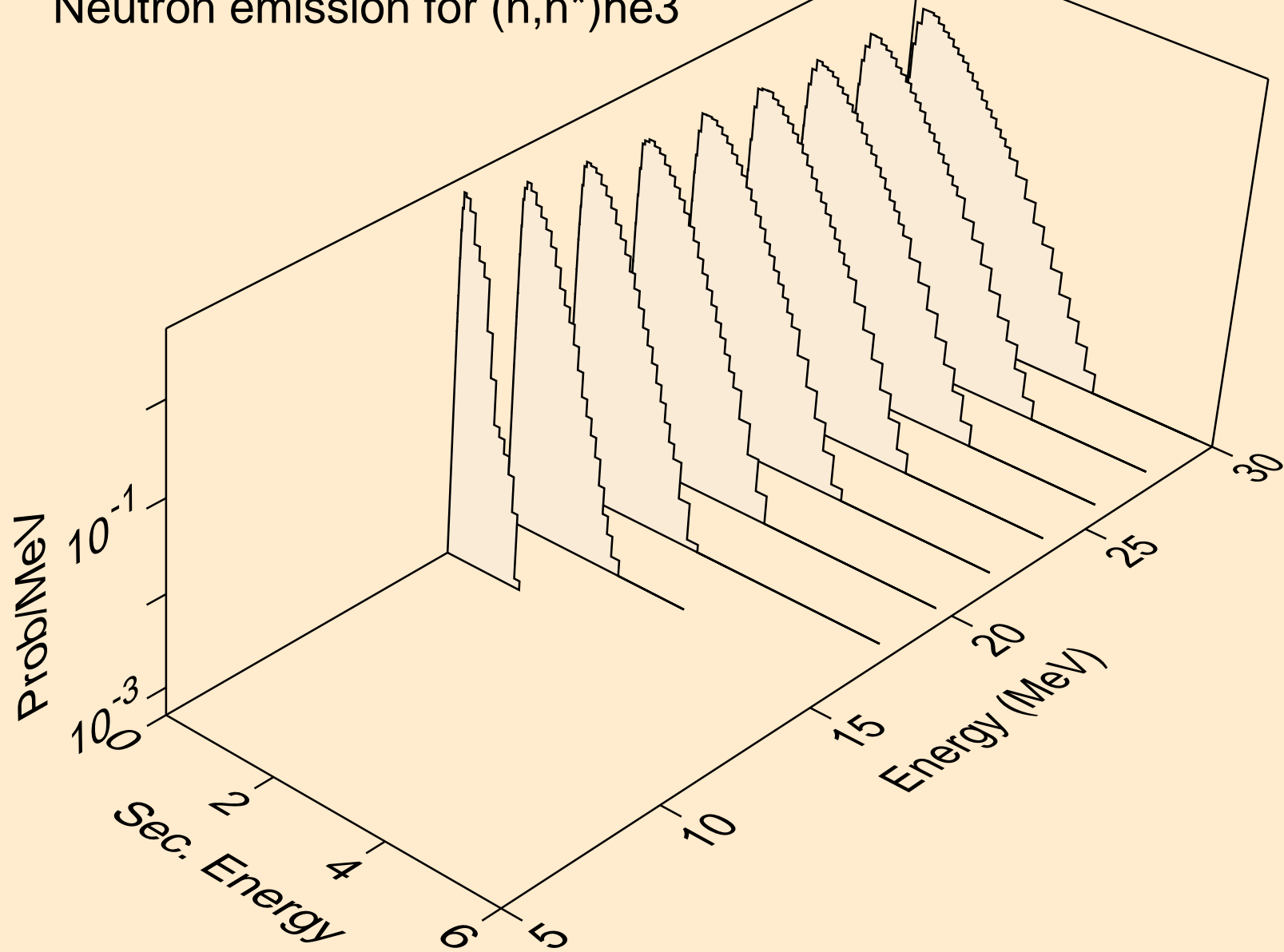
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Neutron emission for (n,n\*)d



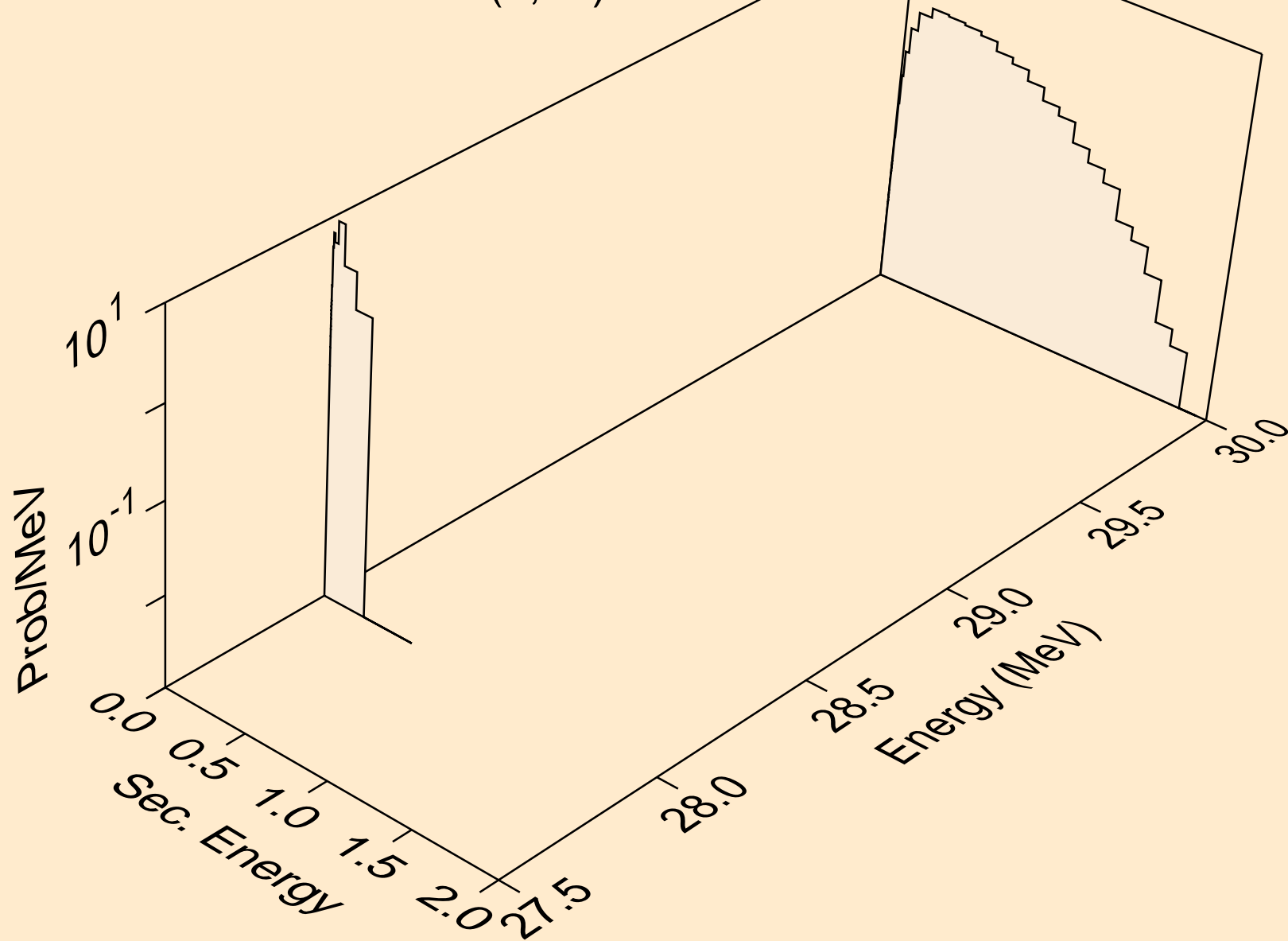
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



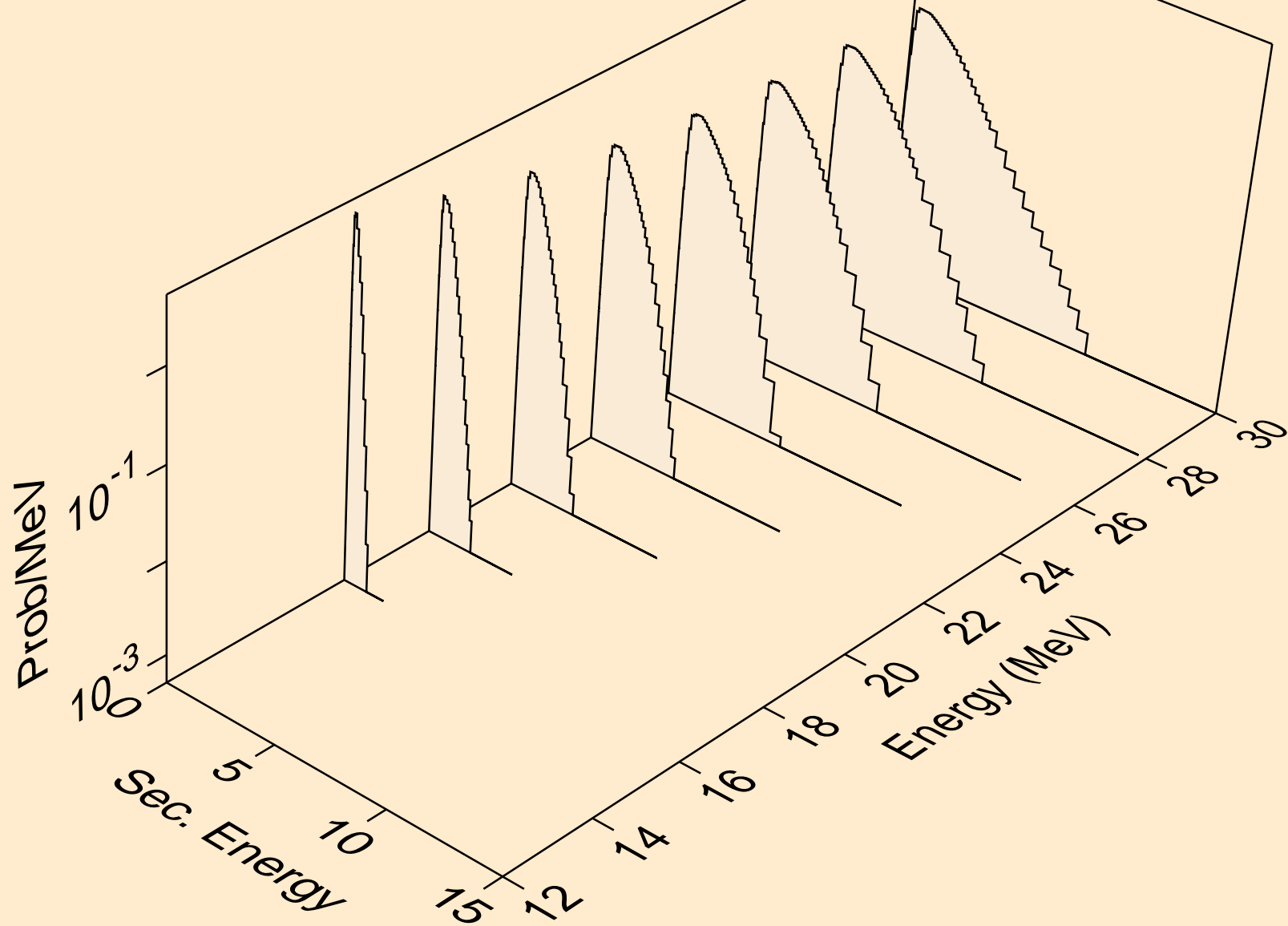
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

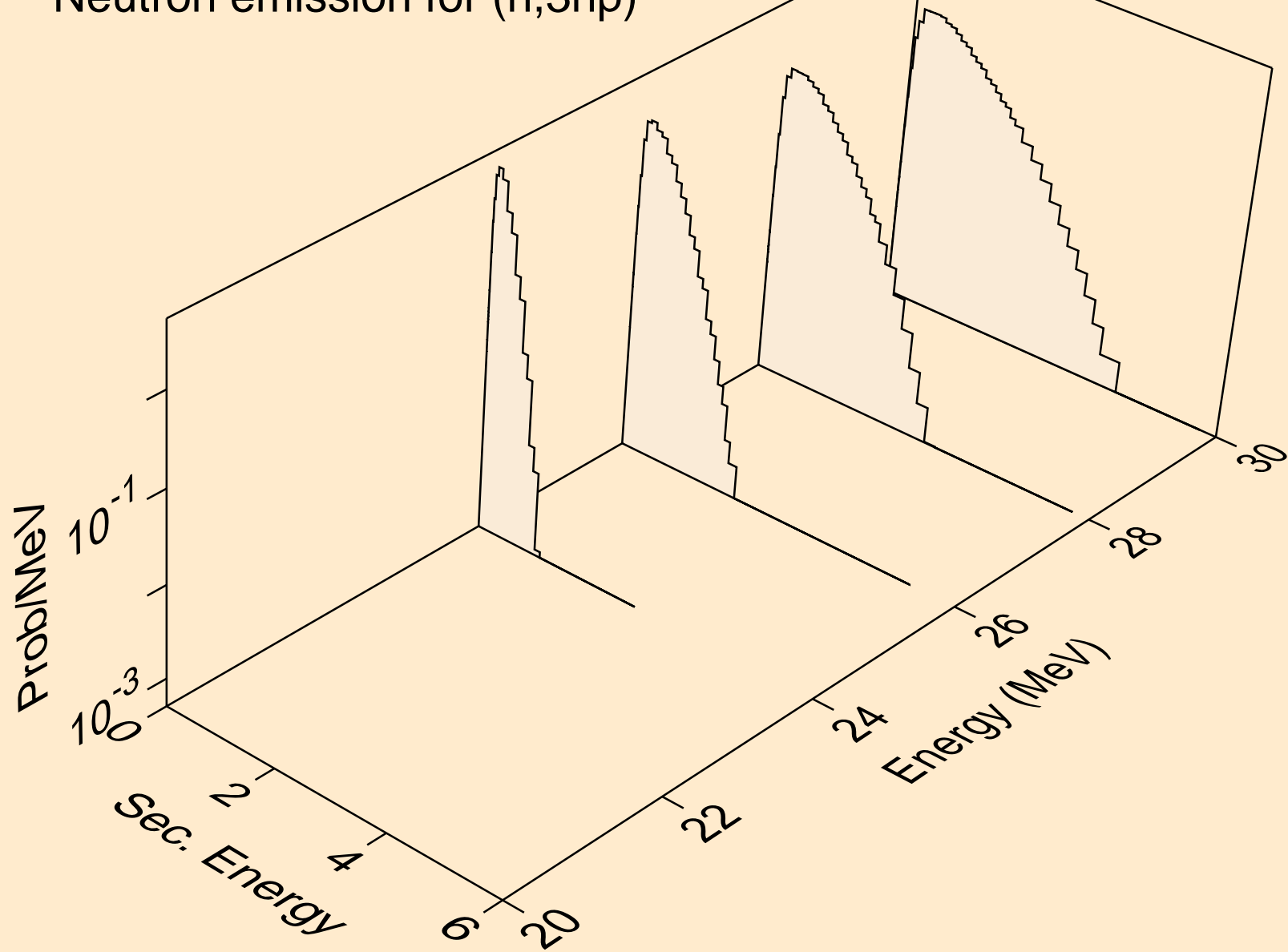


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

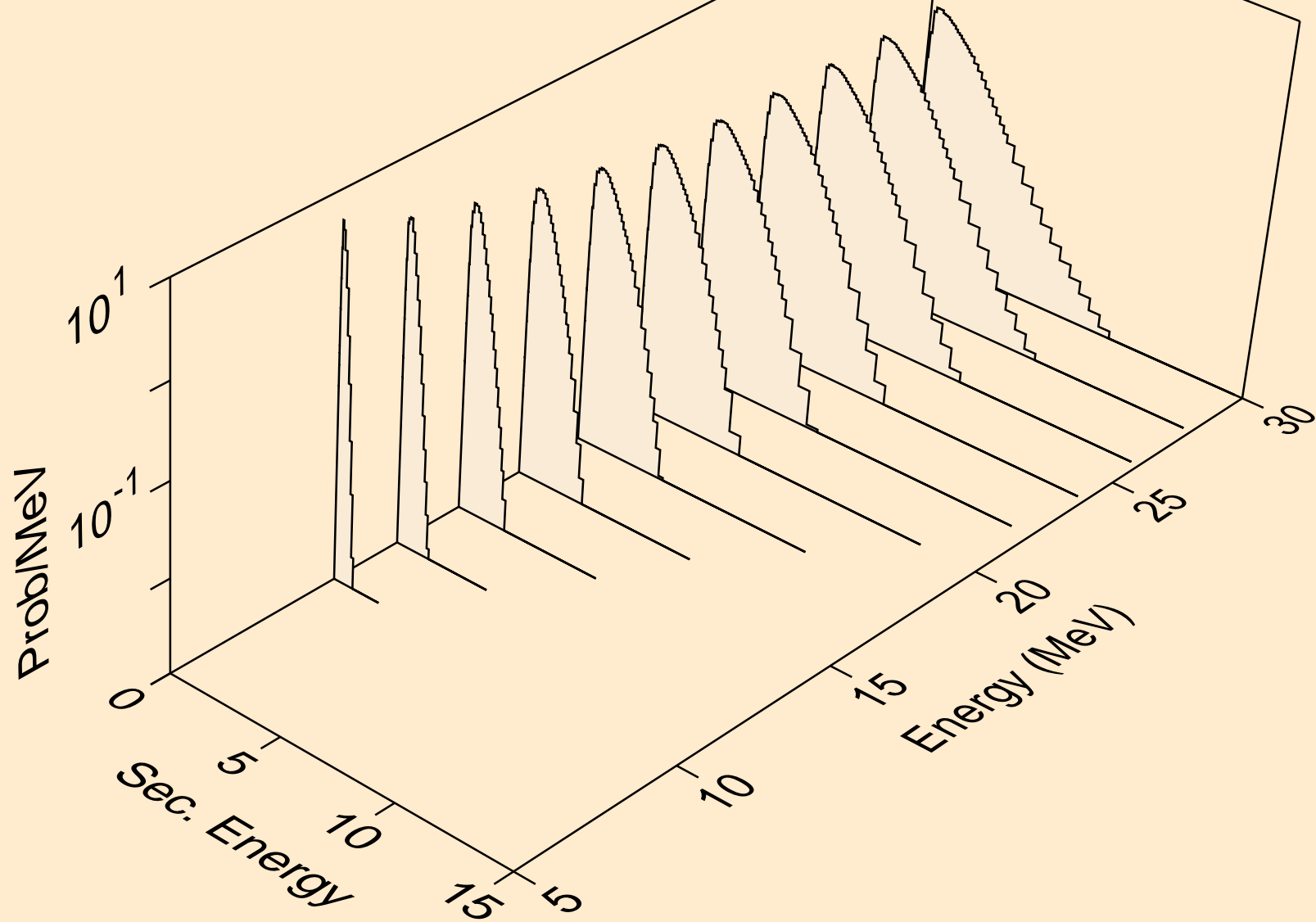




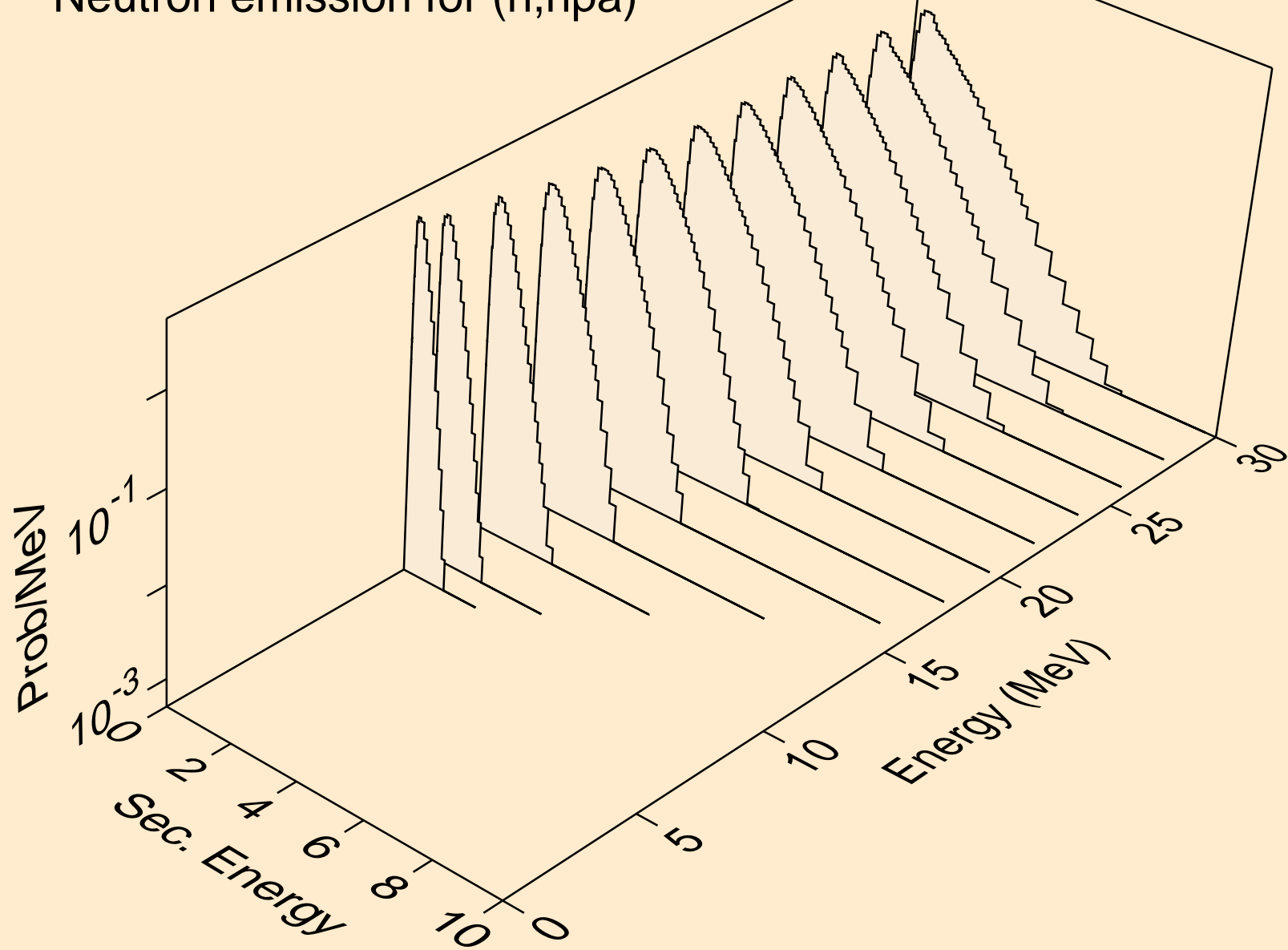
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Neutron emission for (n,3np)



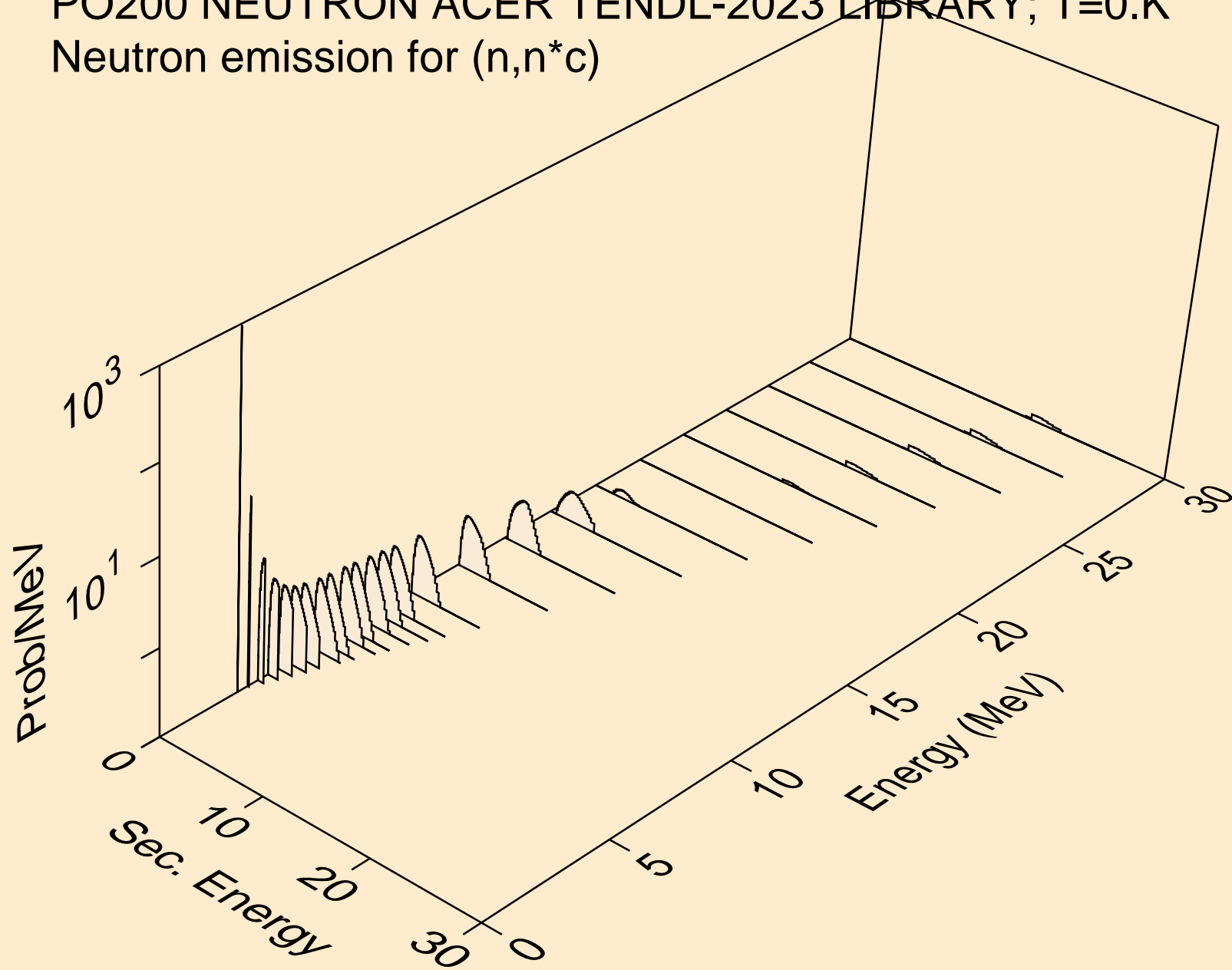
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Neutron emission for (n,n2p)



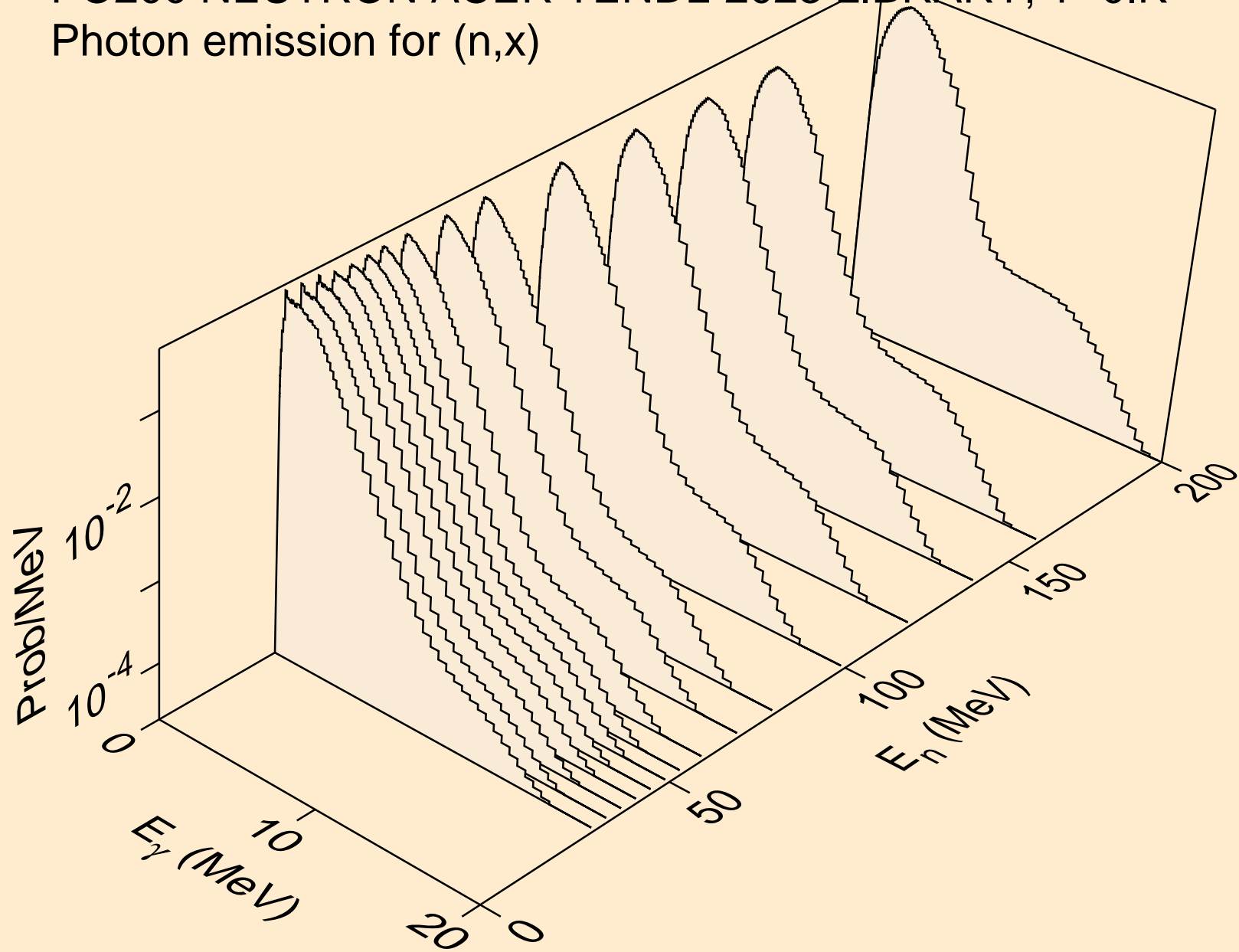
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



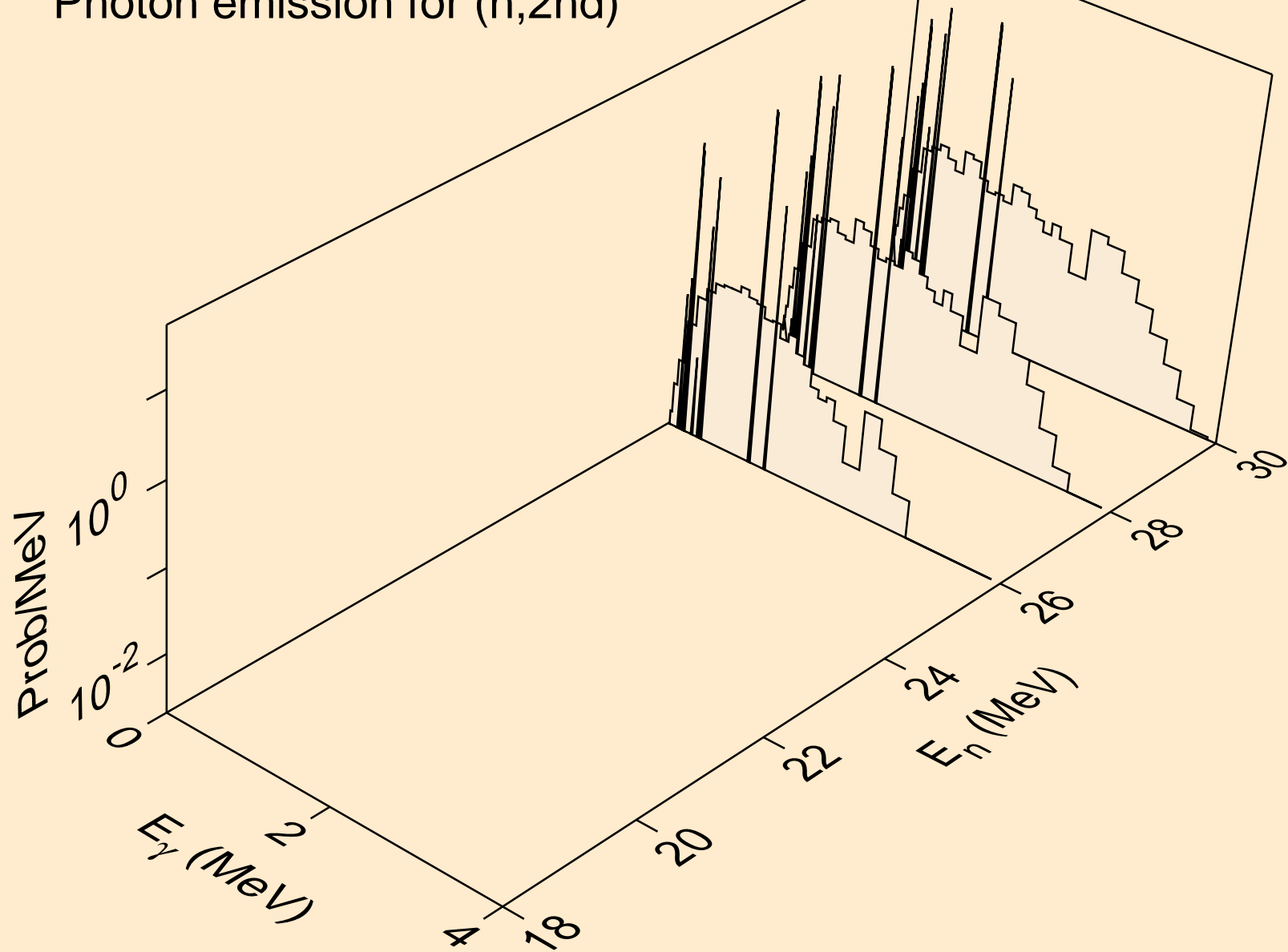
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



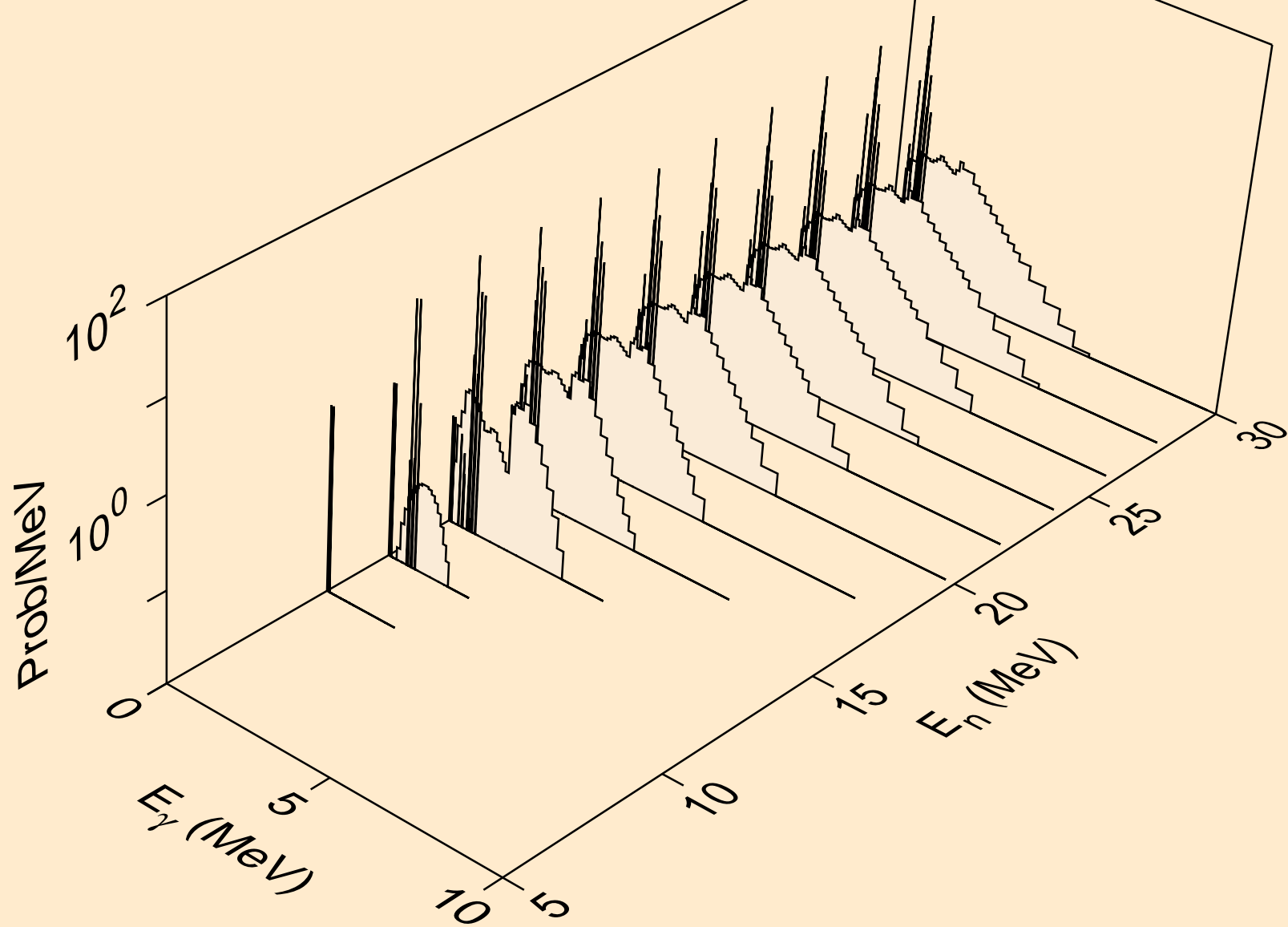
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



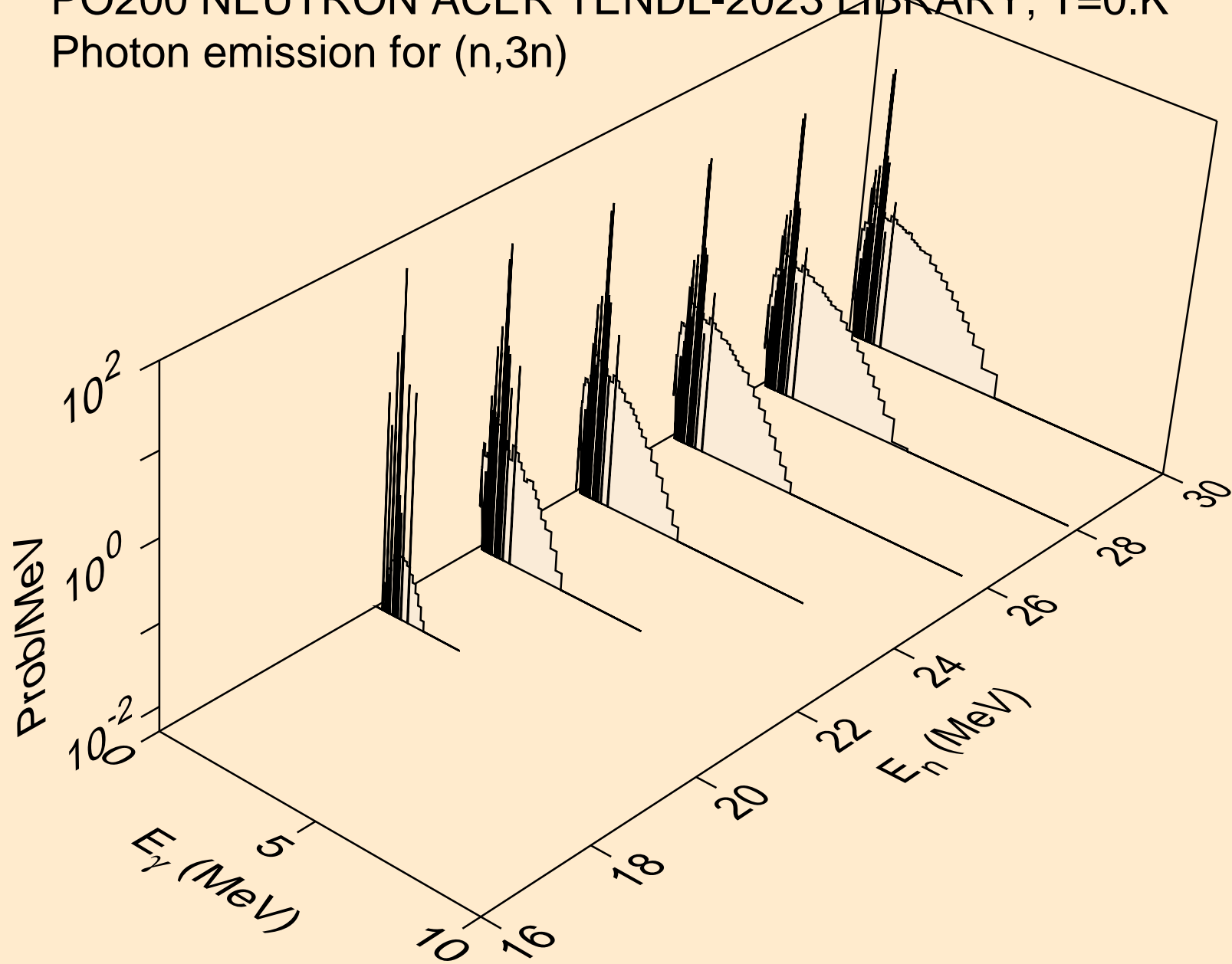
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

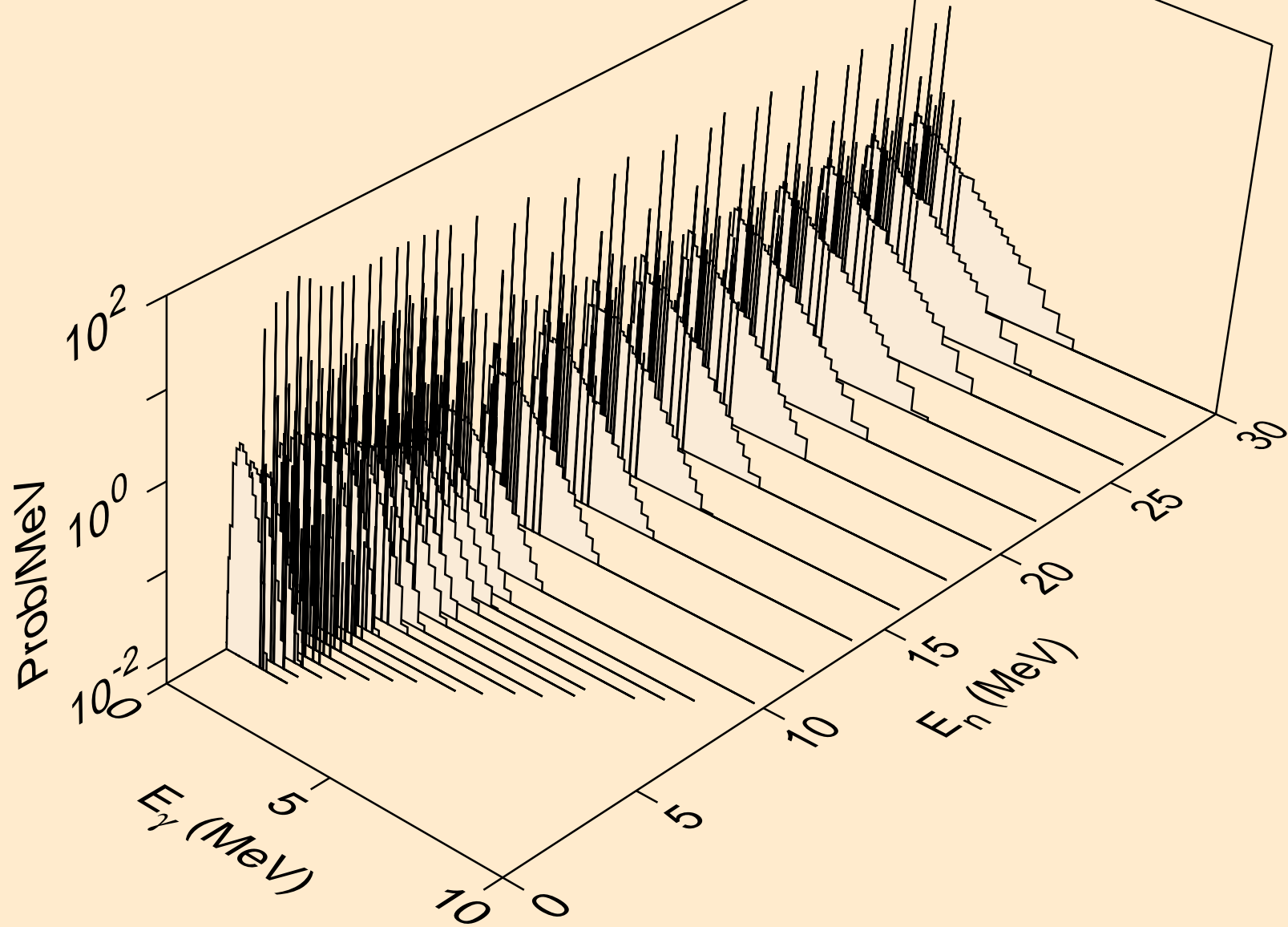


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Photon emission for (n,3n)

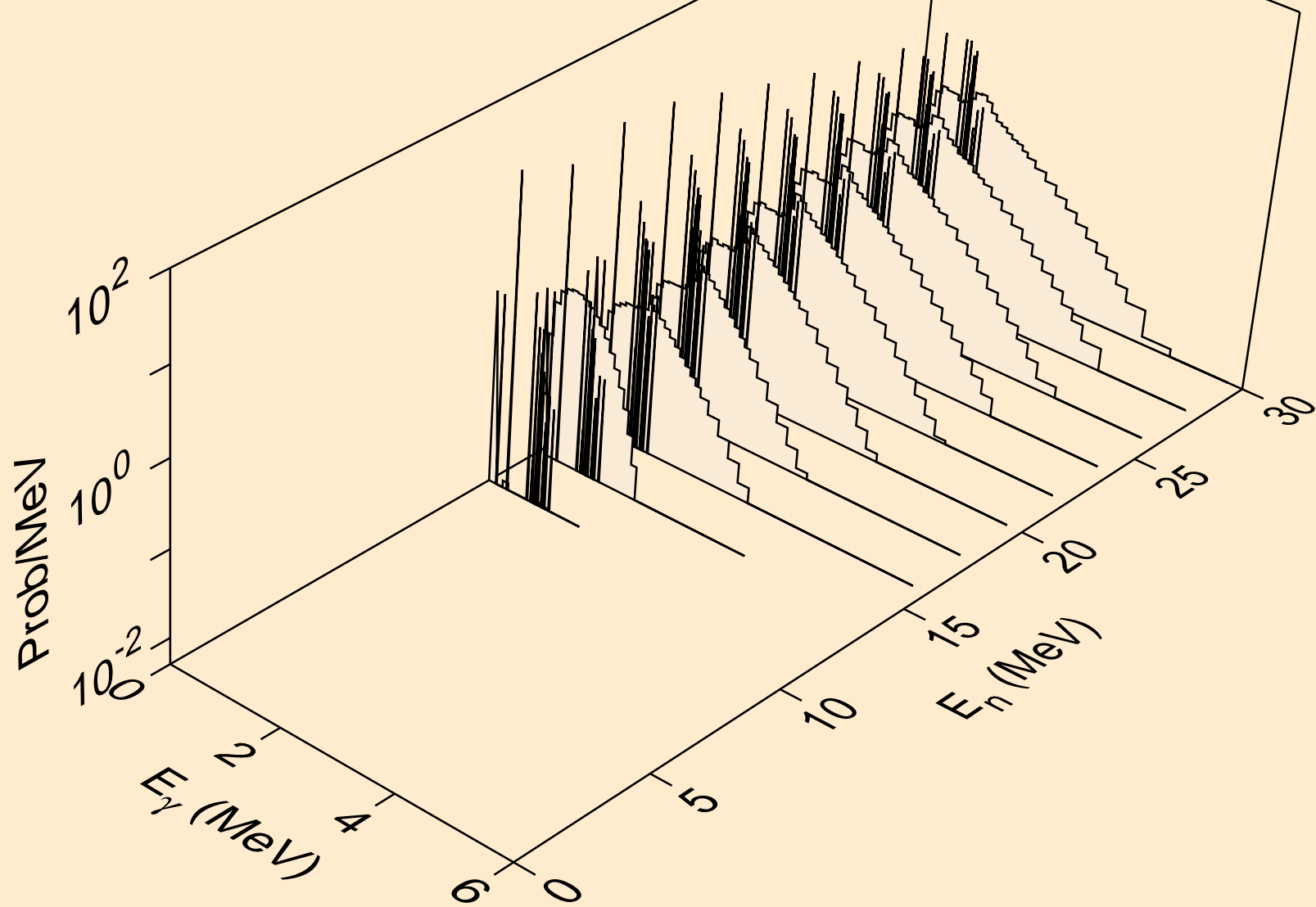




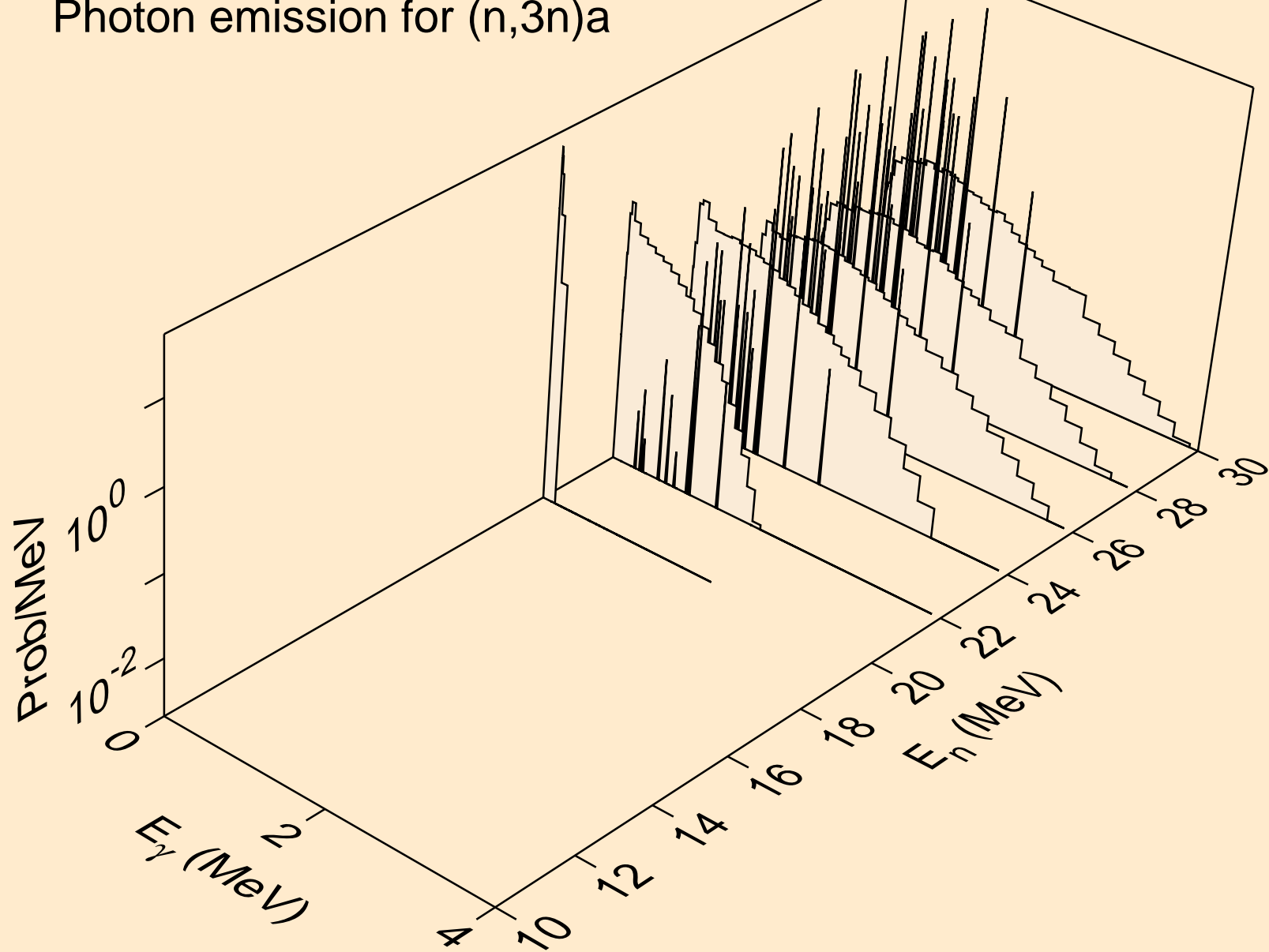
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



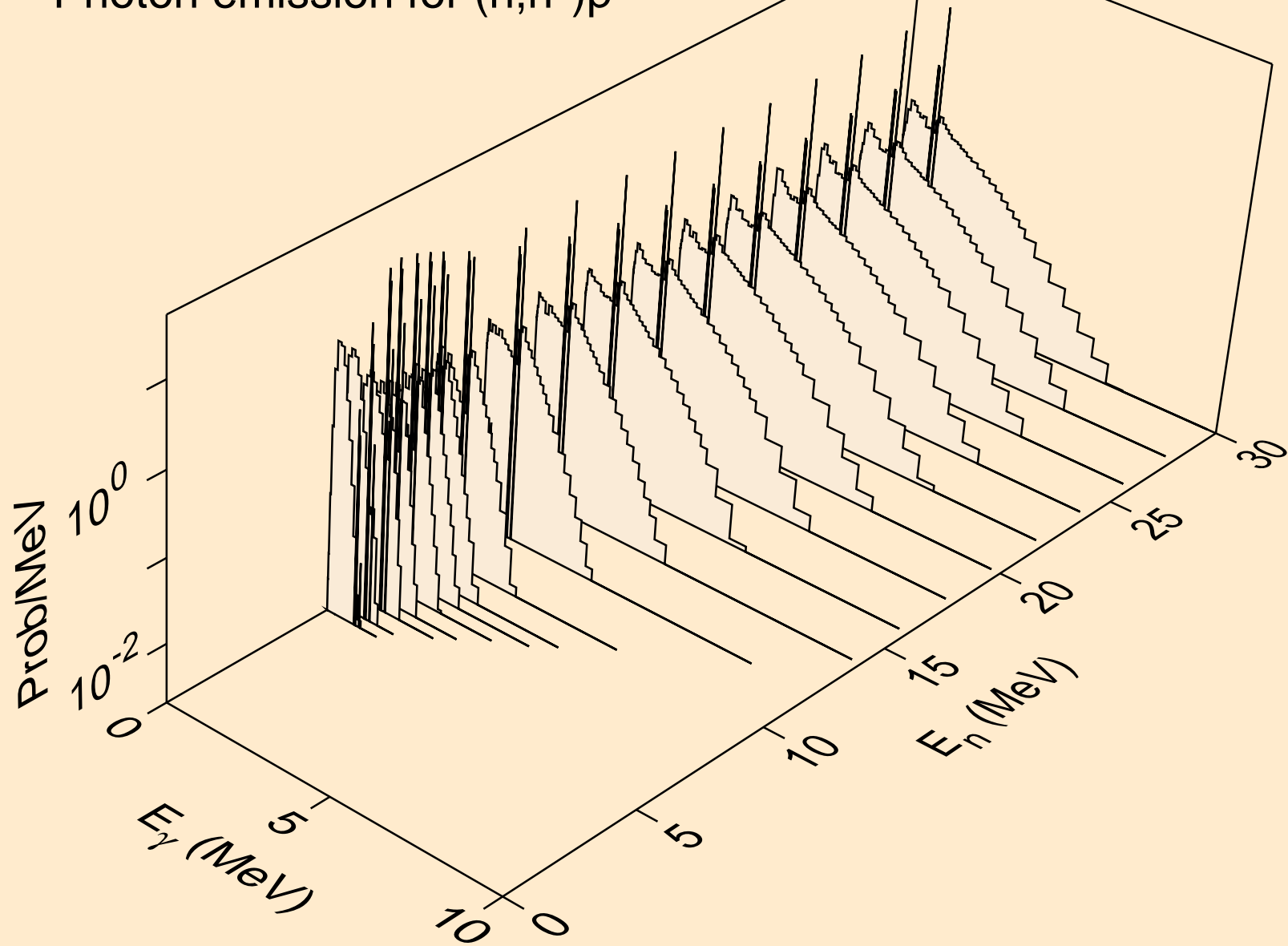
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



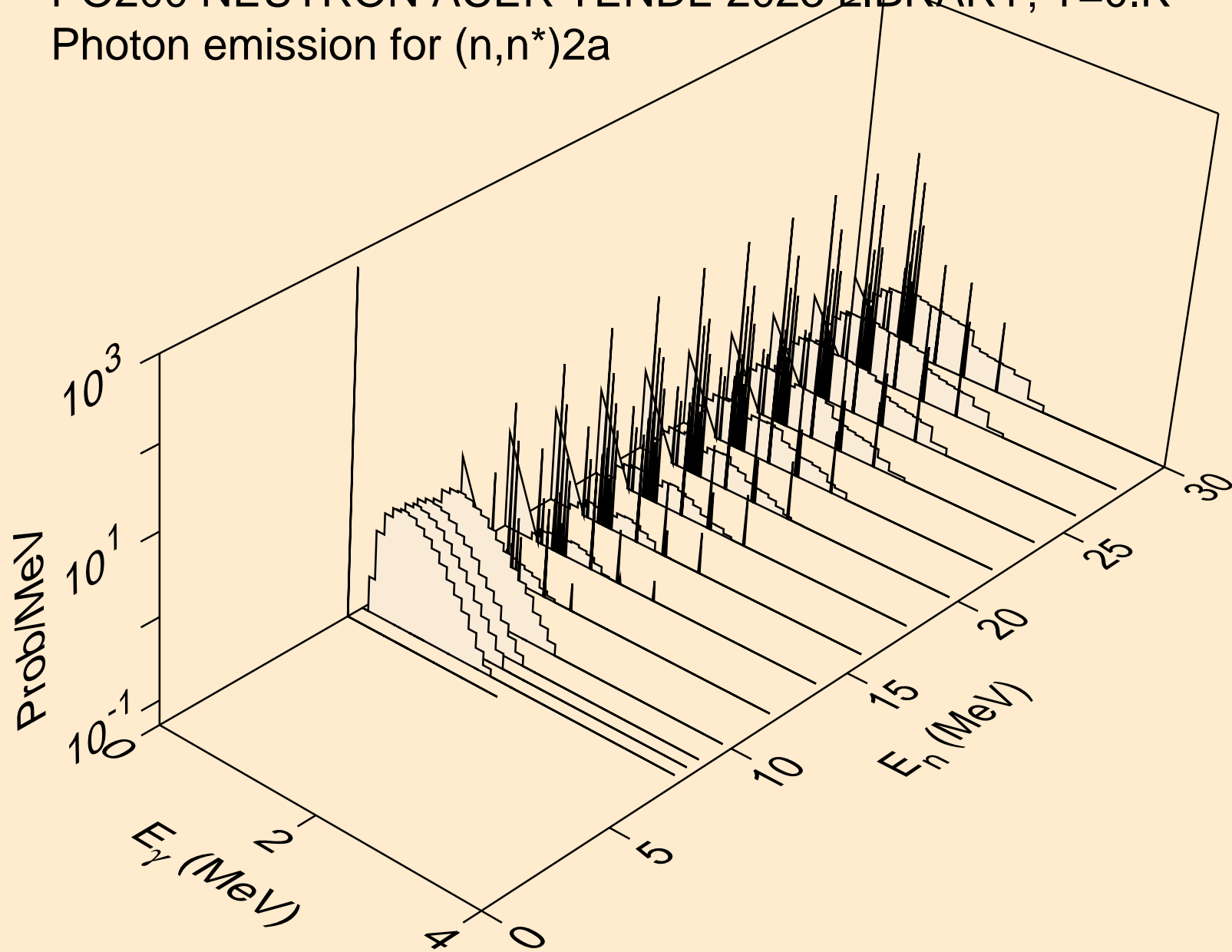
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Photon emission for (n,3n)a



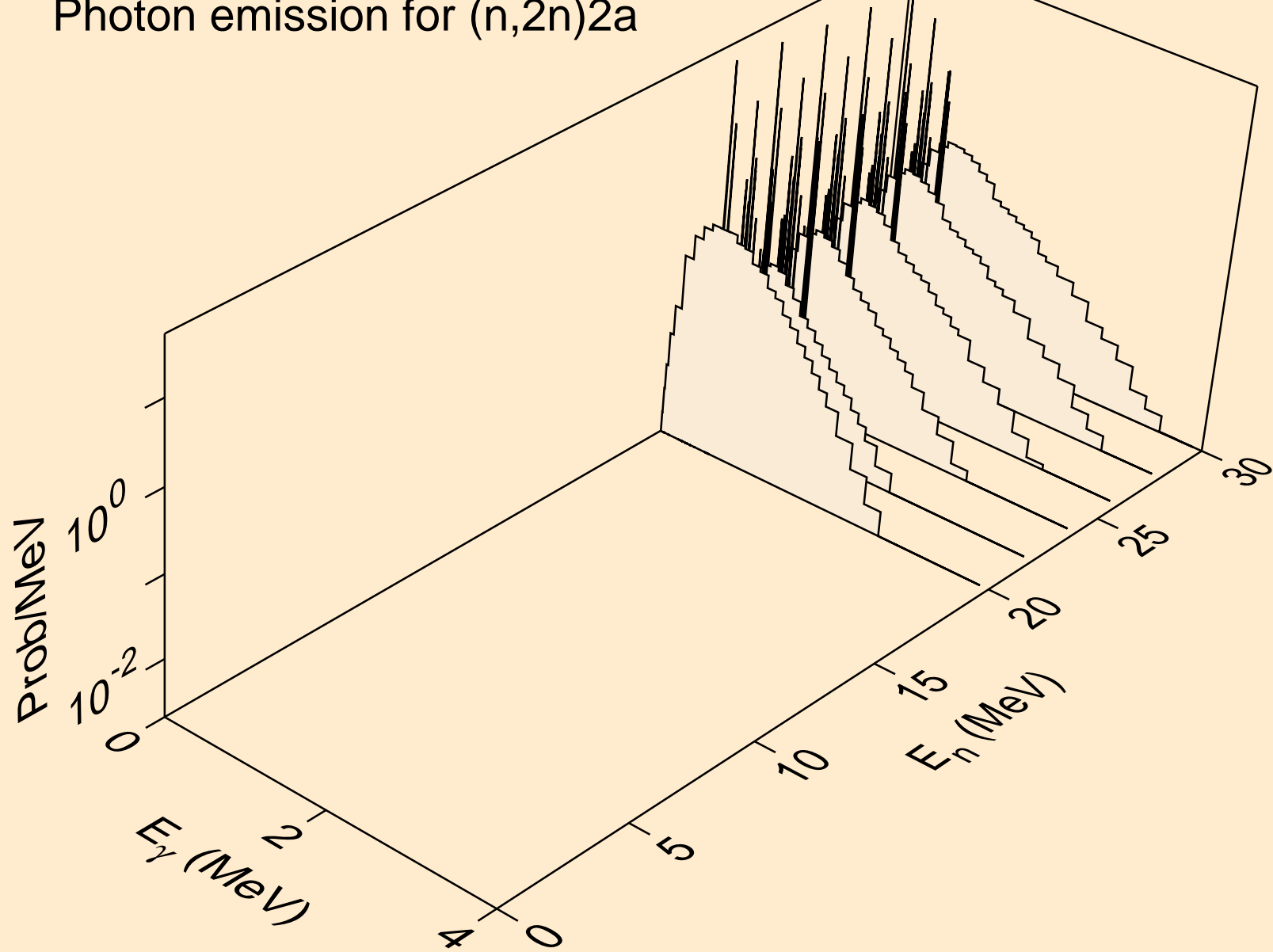
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



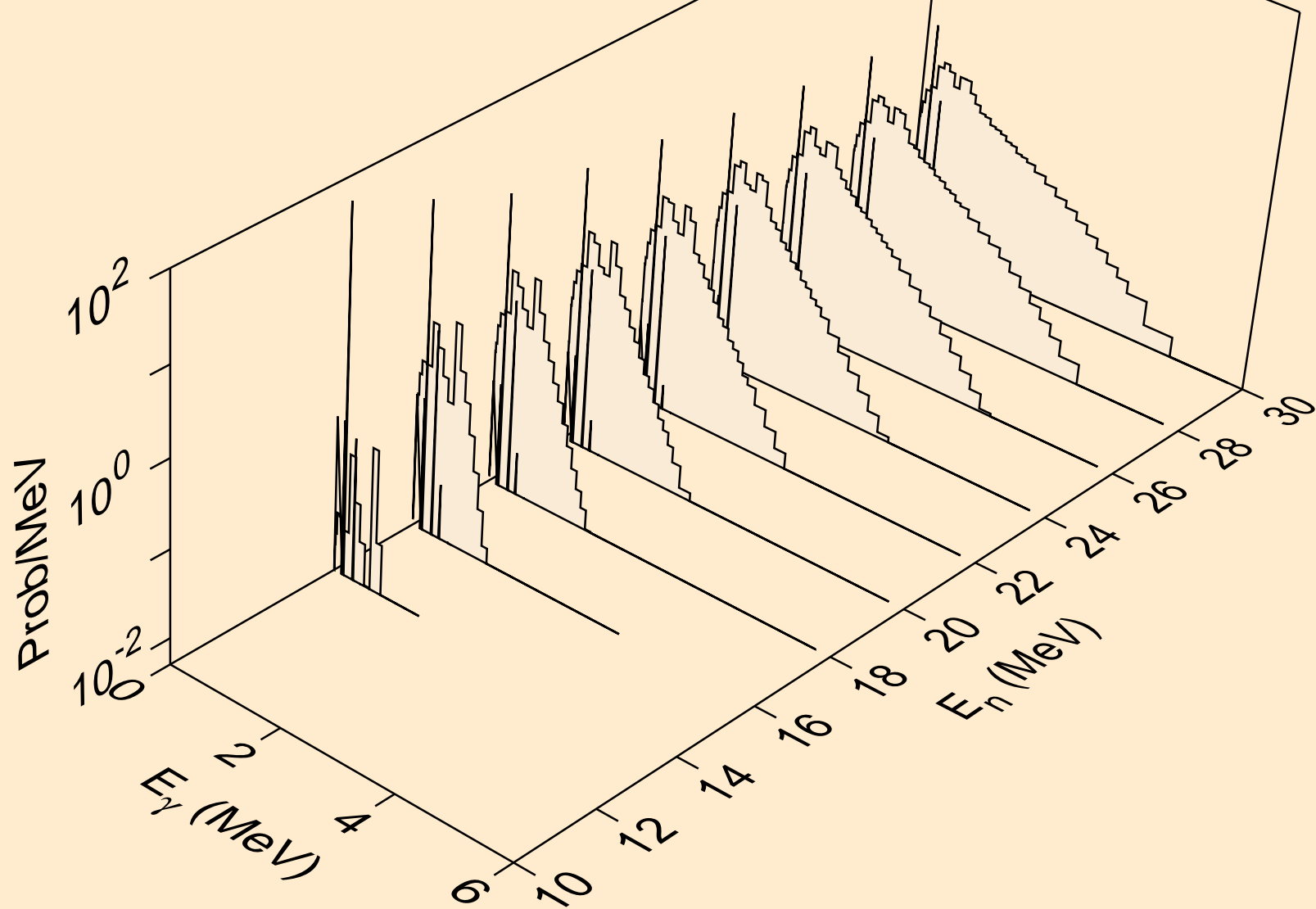
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Photon emission for (n,n\*)2a



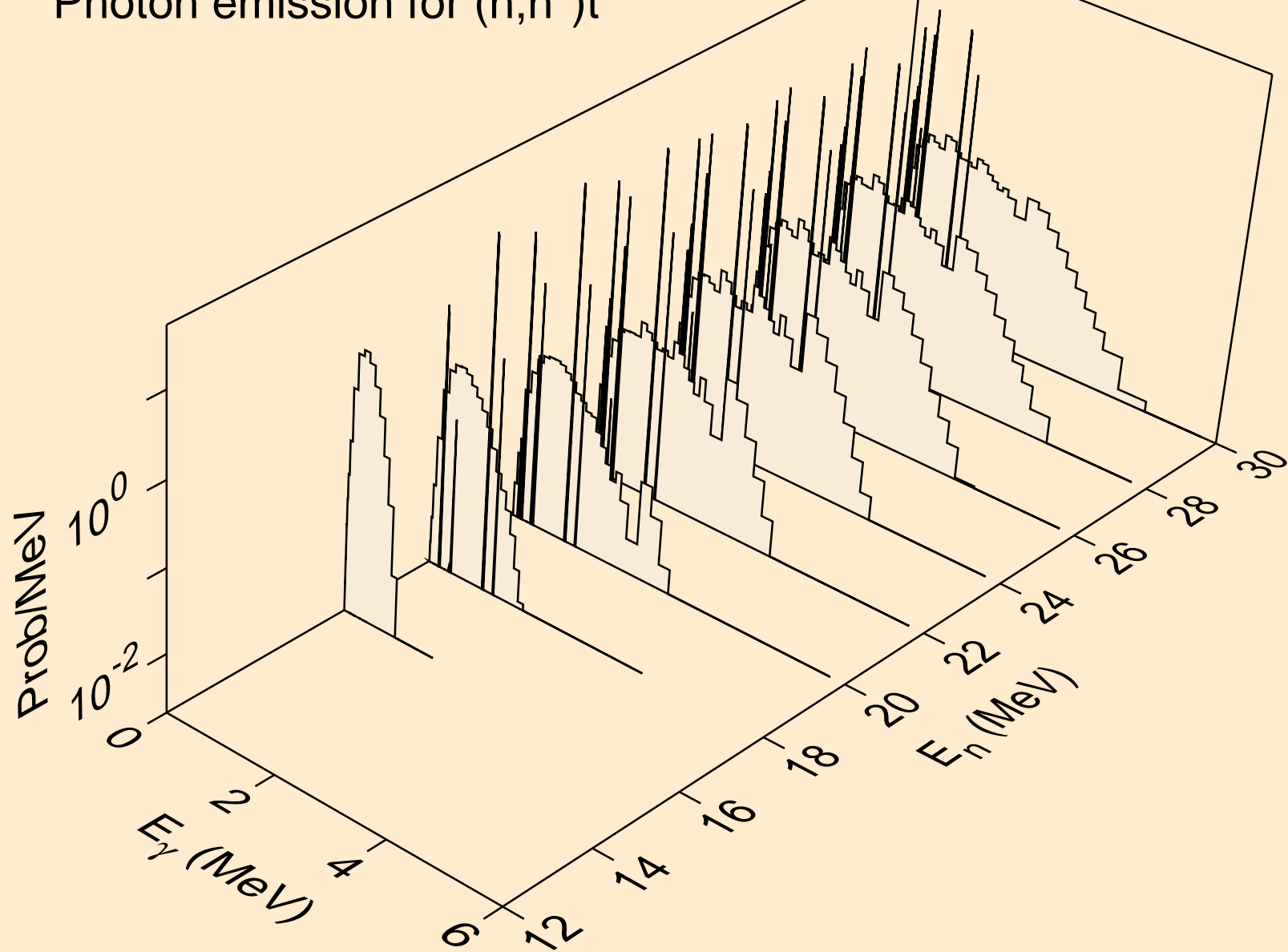
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

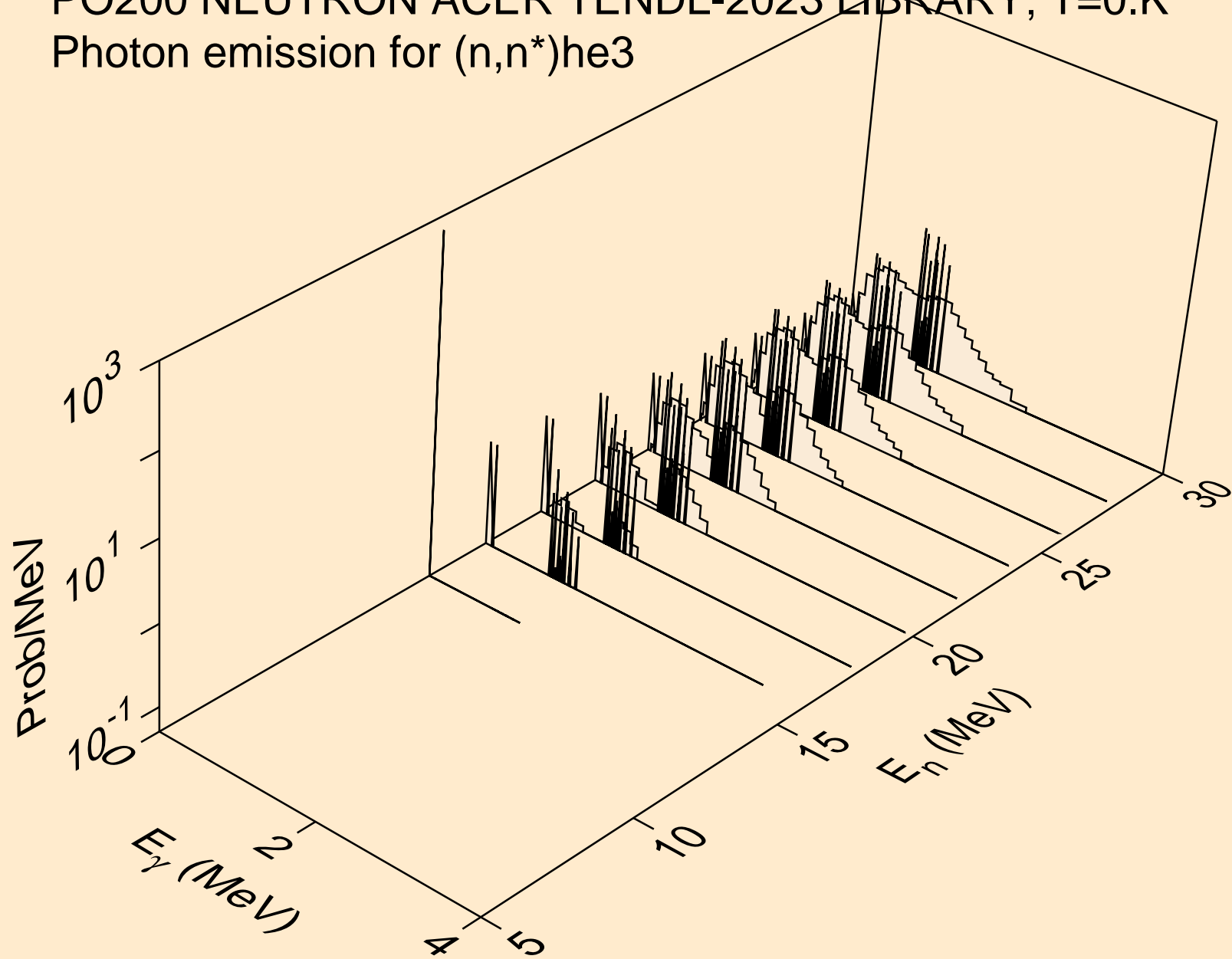


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

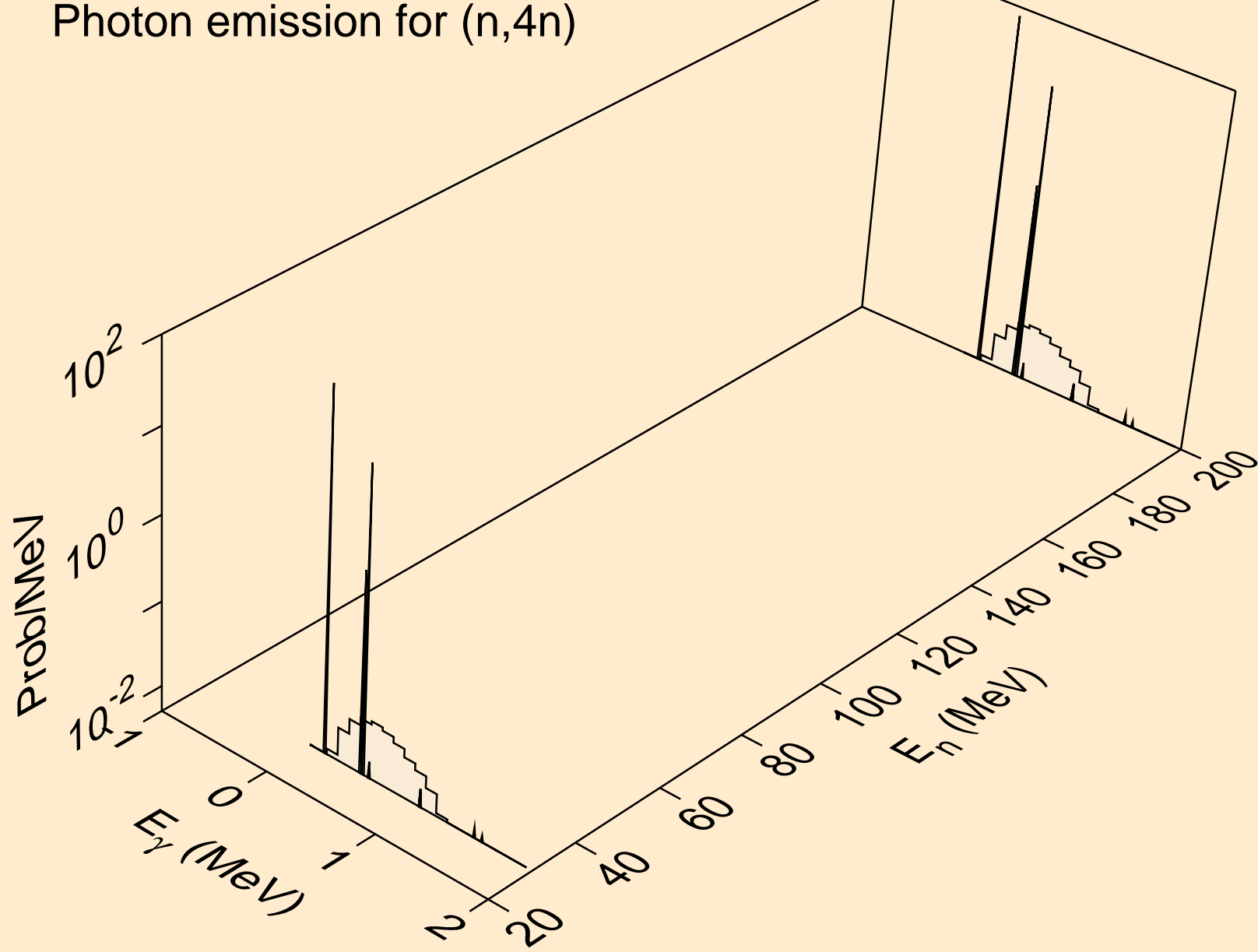




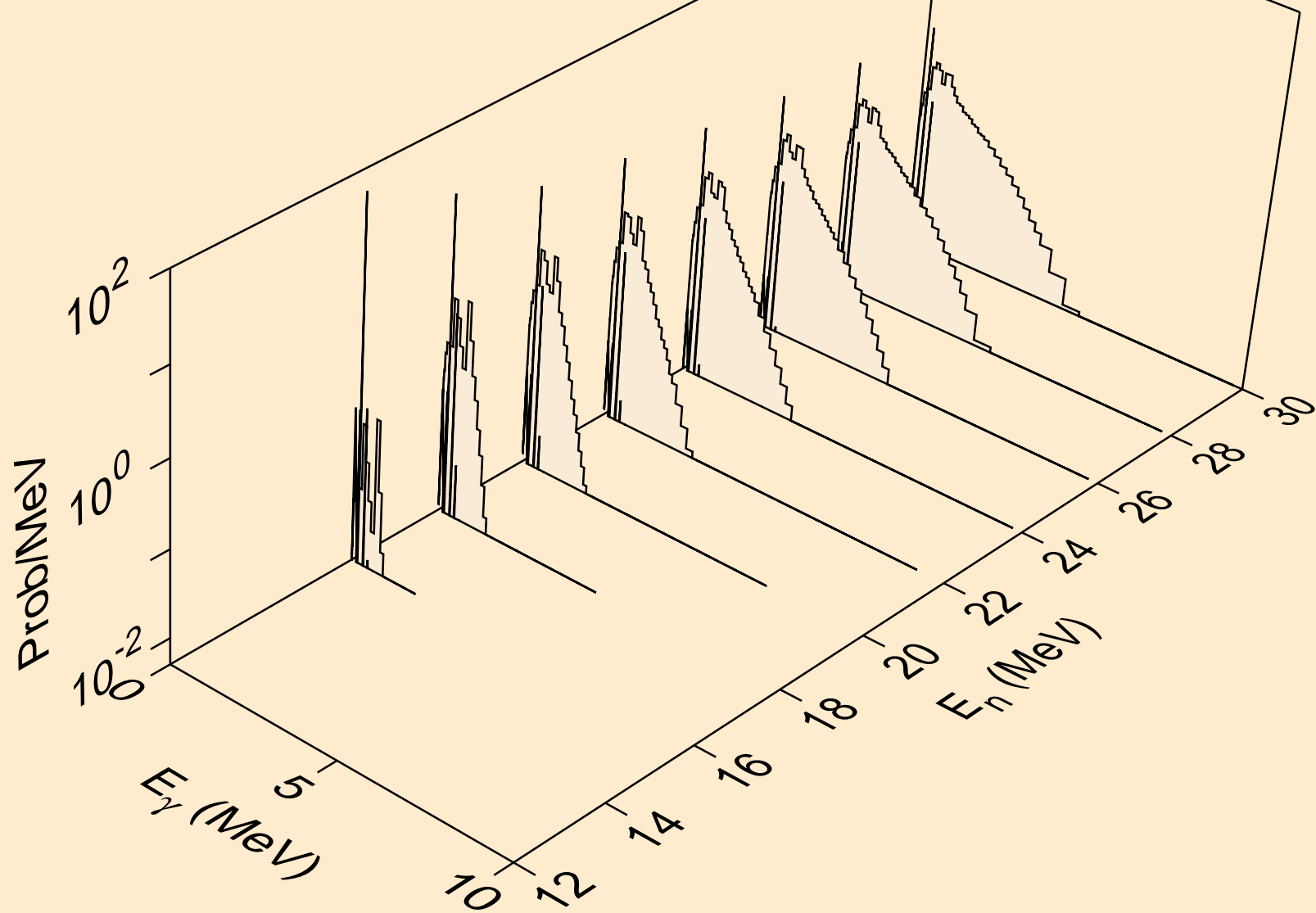
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



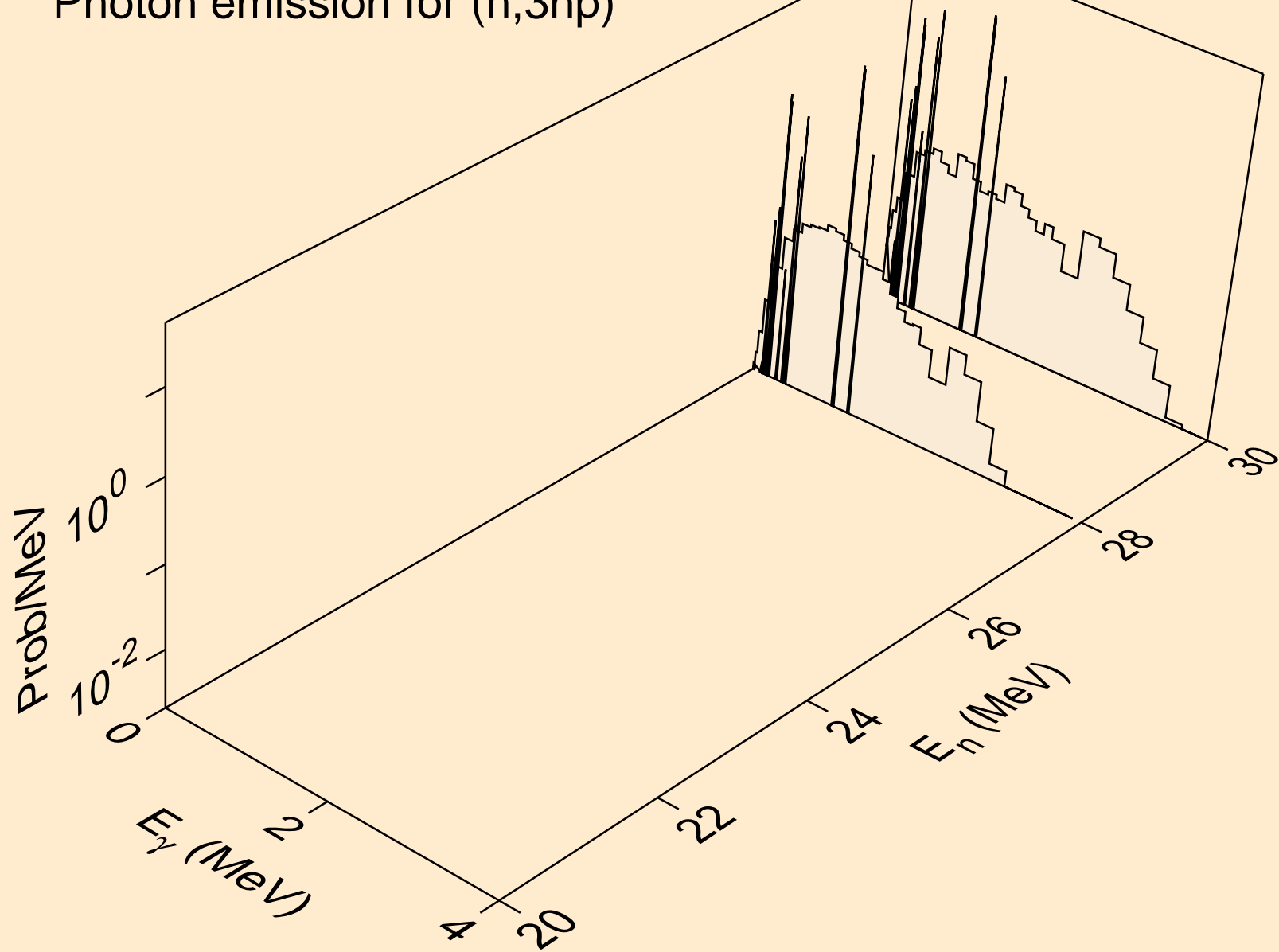
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



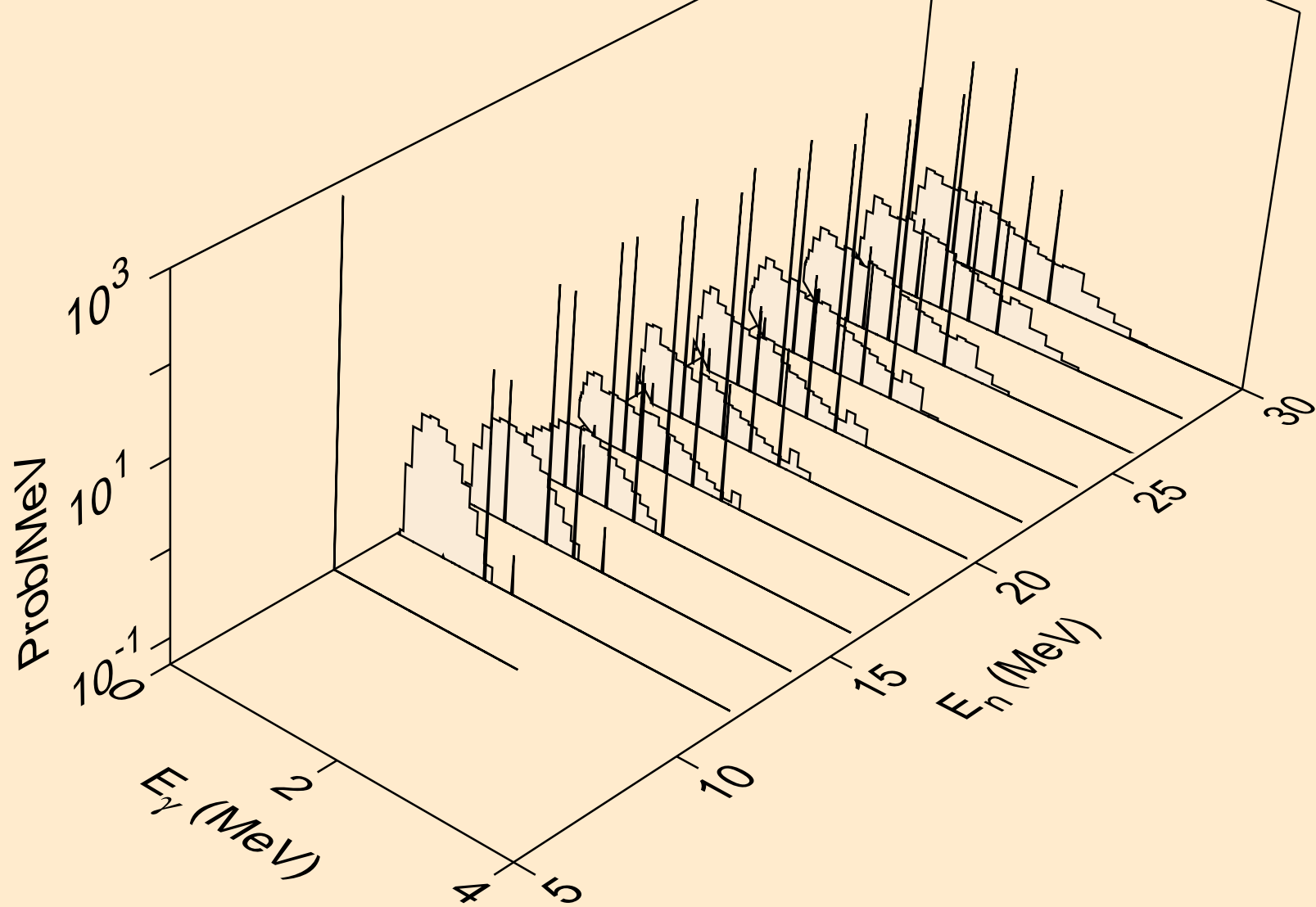
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Photon emission for (n,2np)



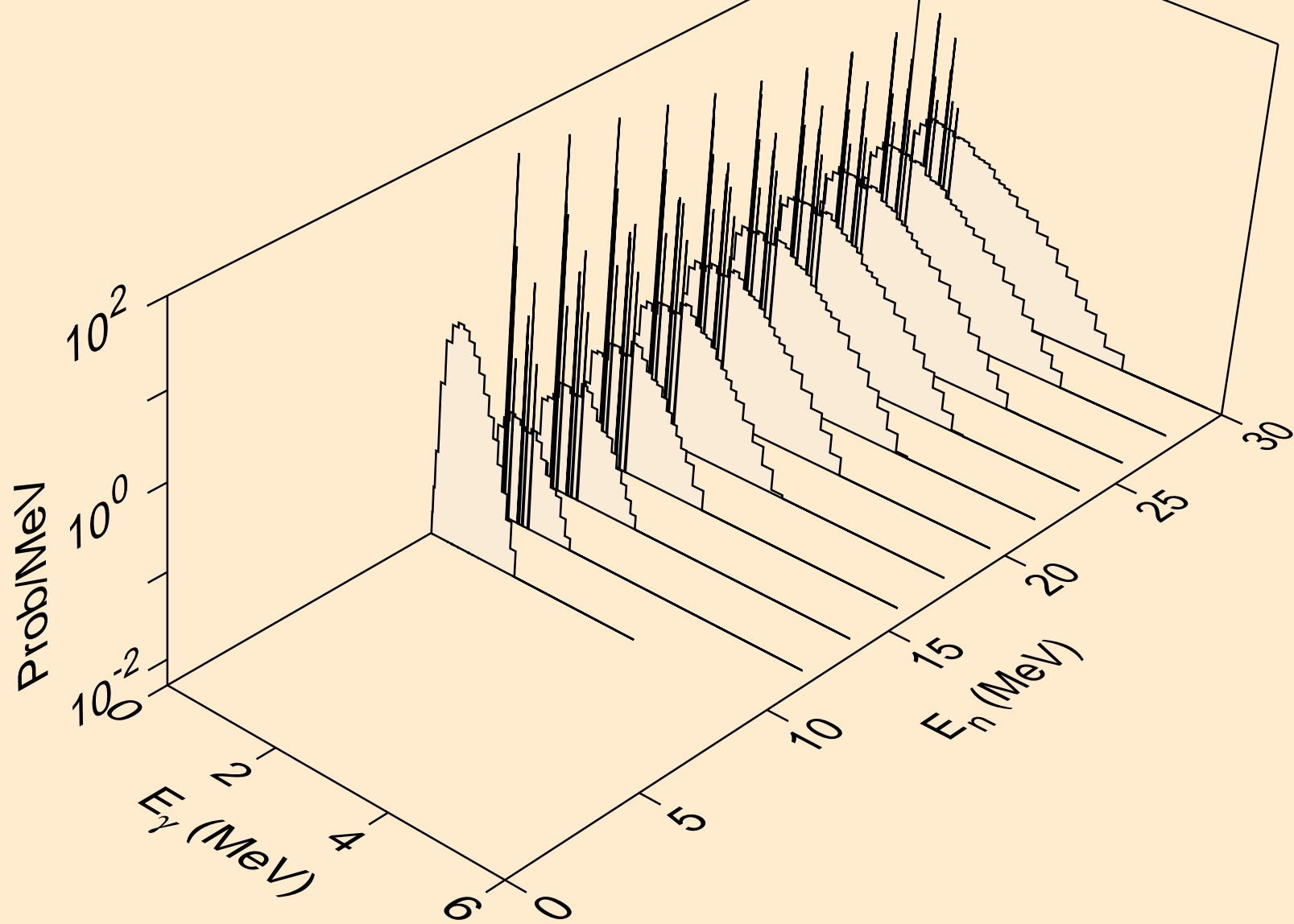
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Photon emission for (n,3np)



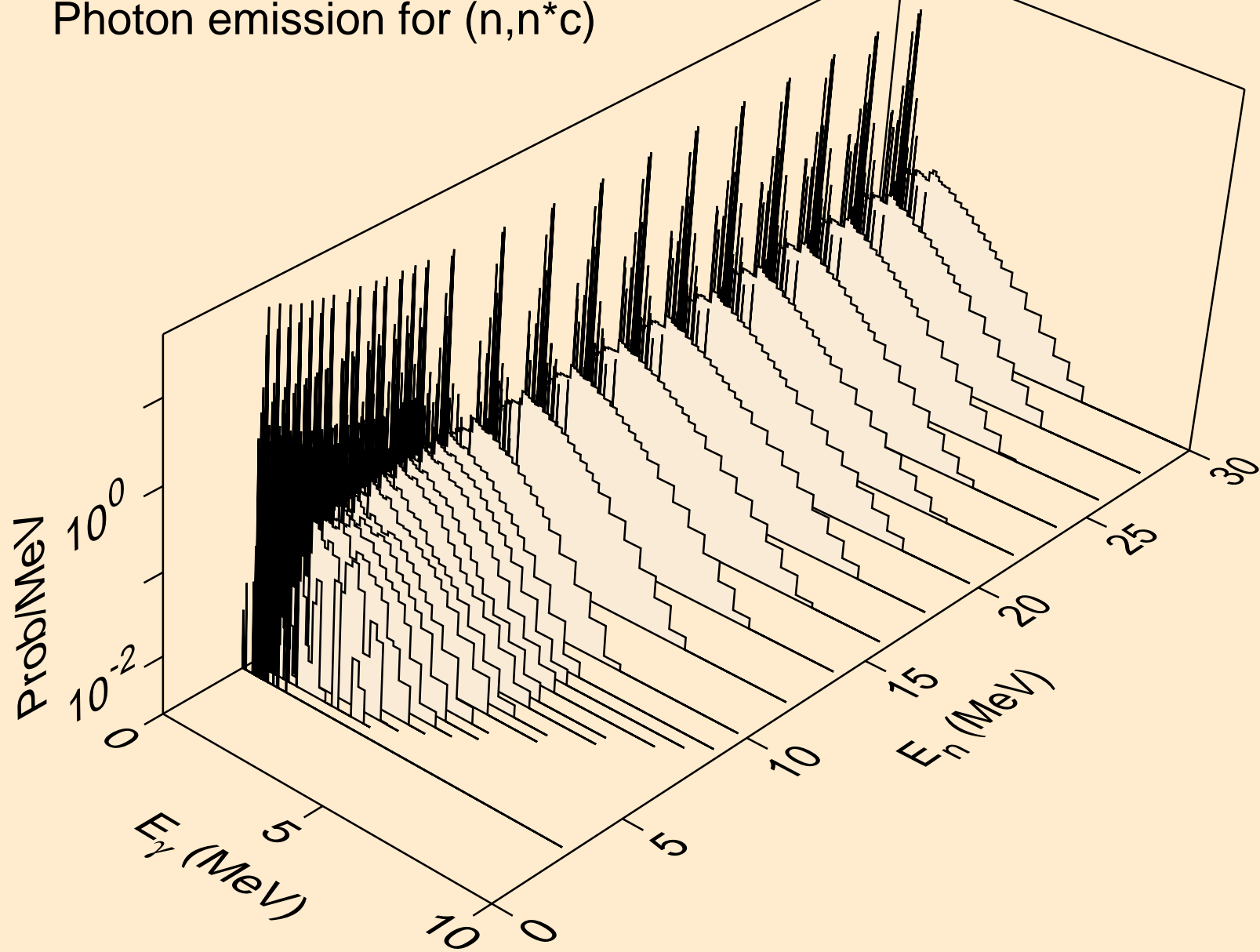
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Photon emission for (n,n2p)



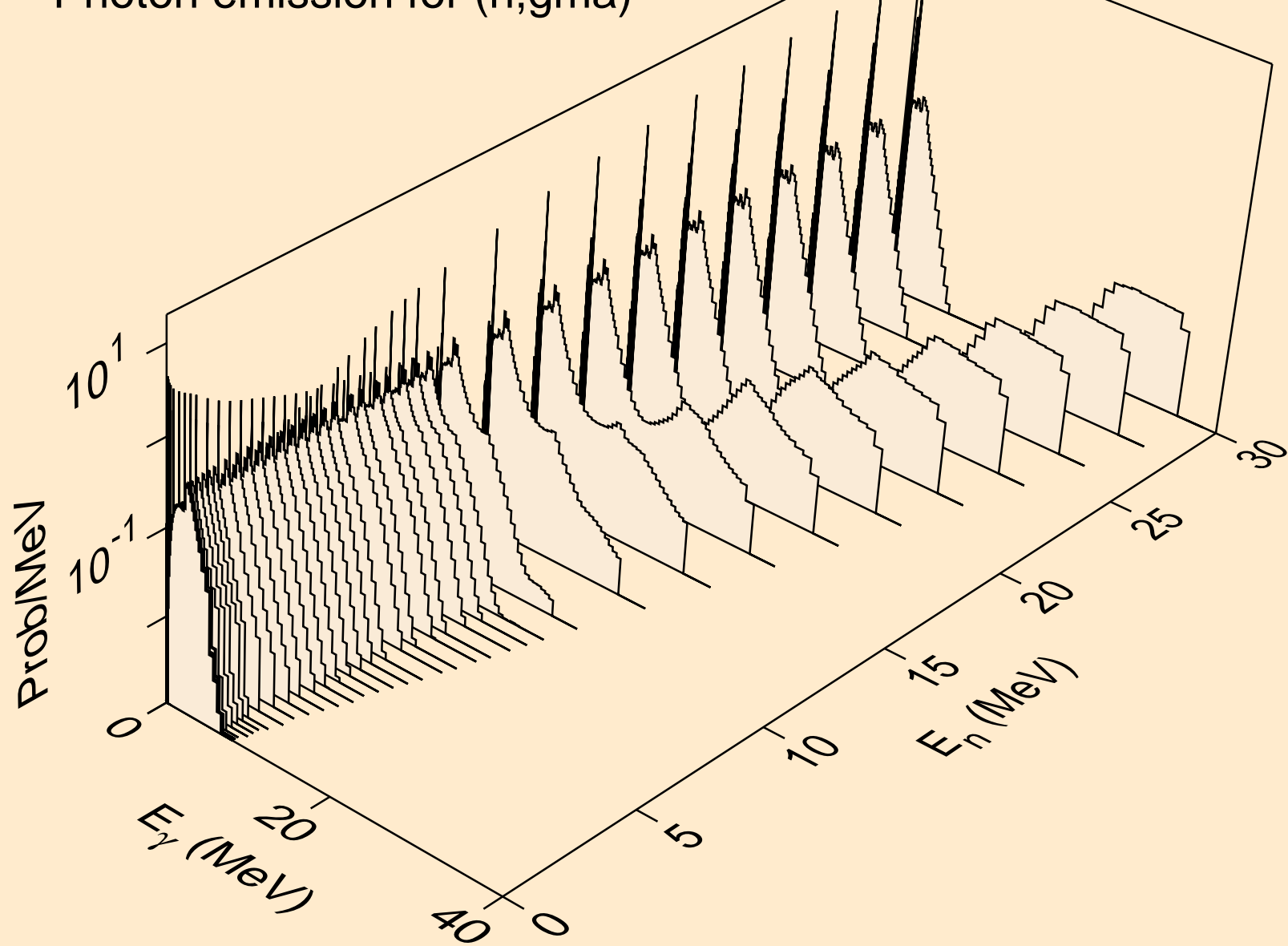
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

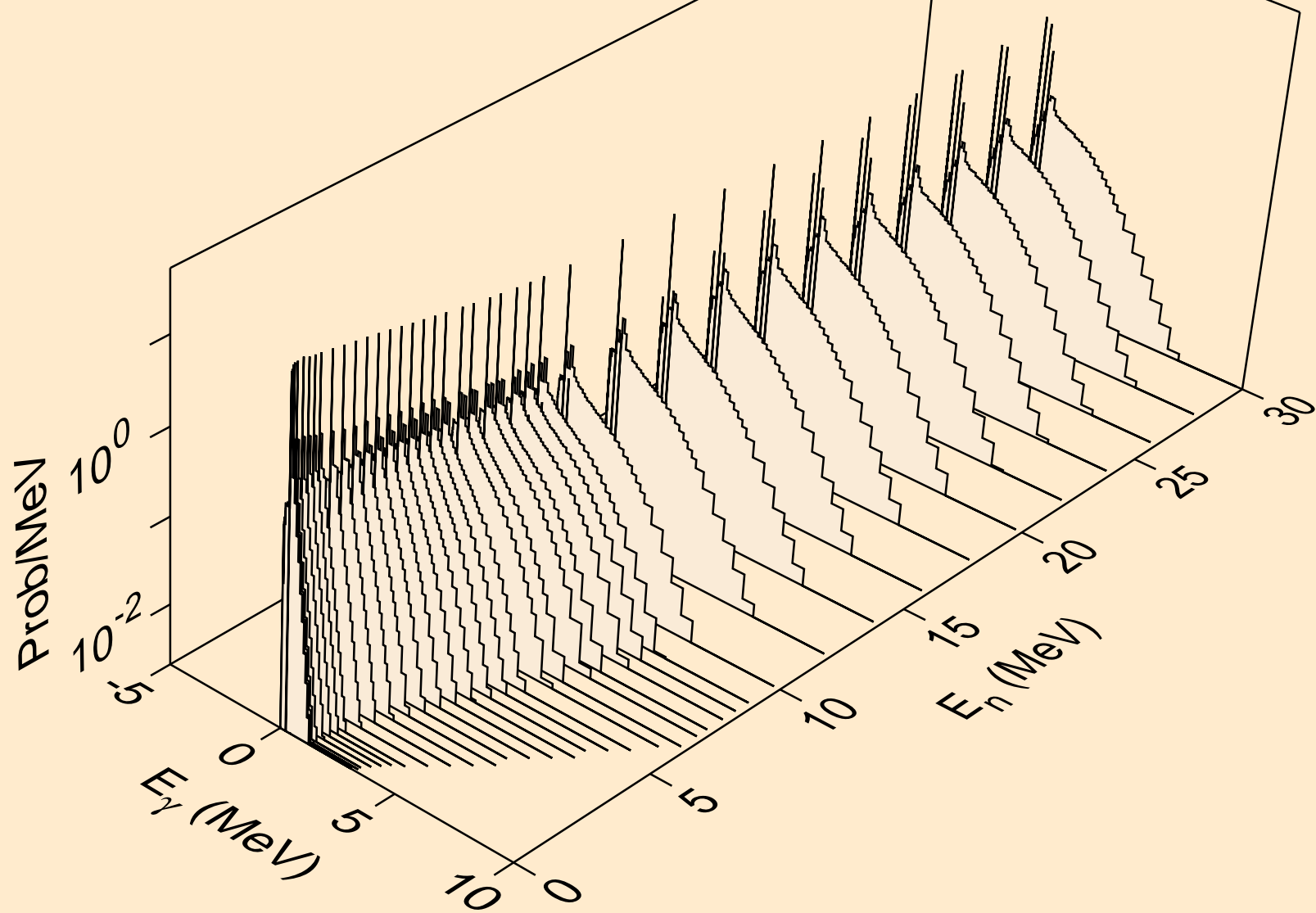


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Photon emission for (n,gma)

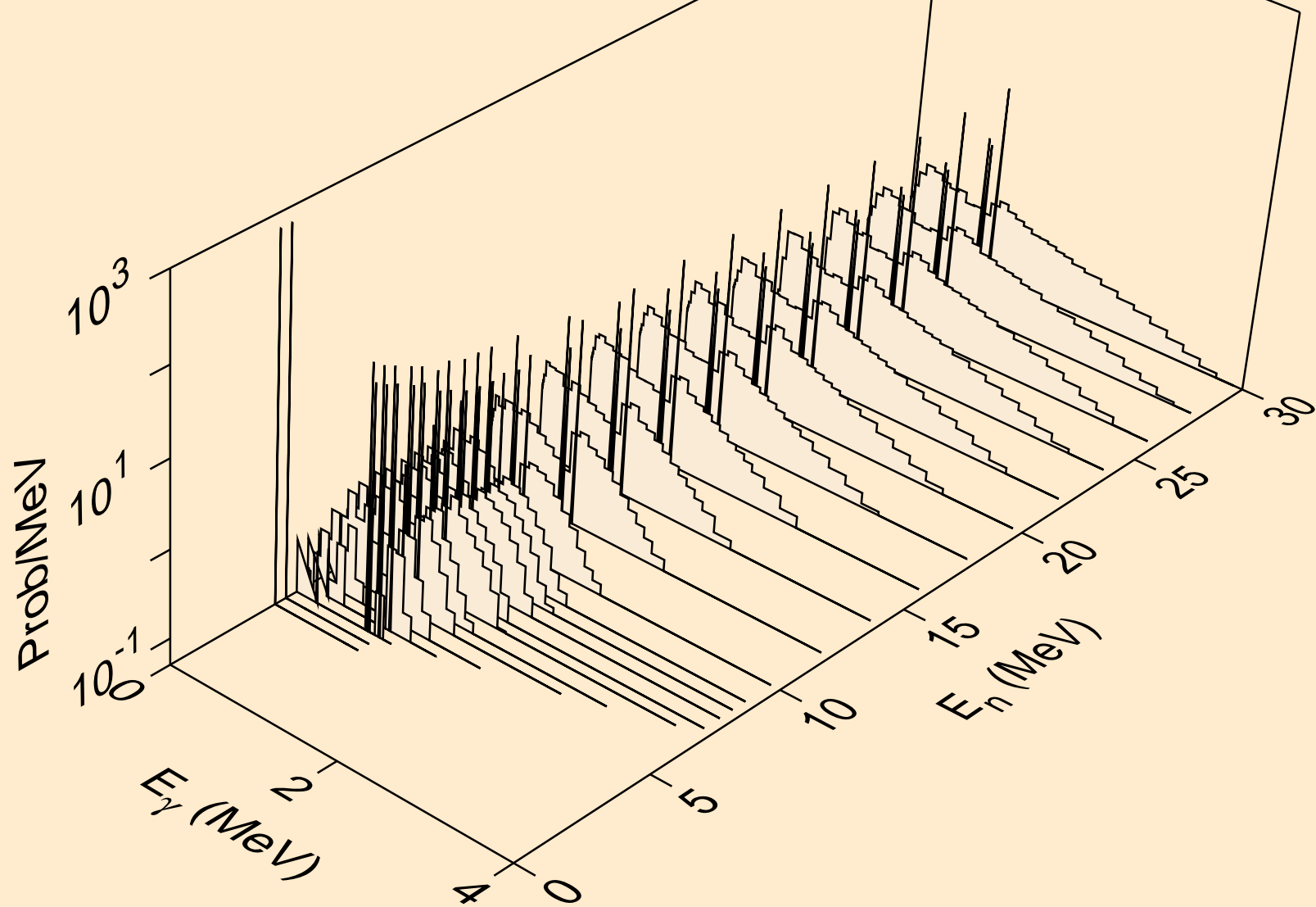




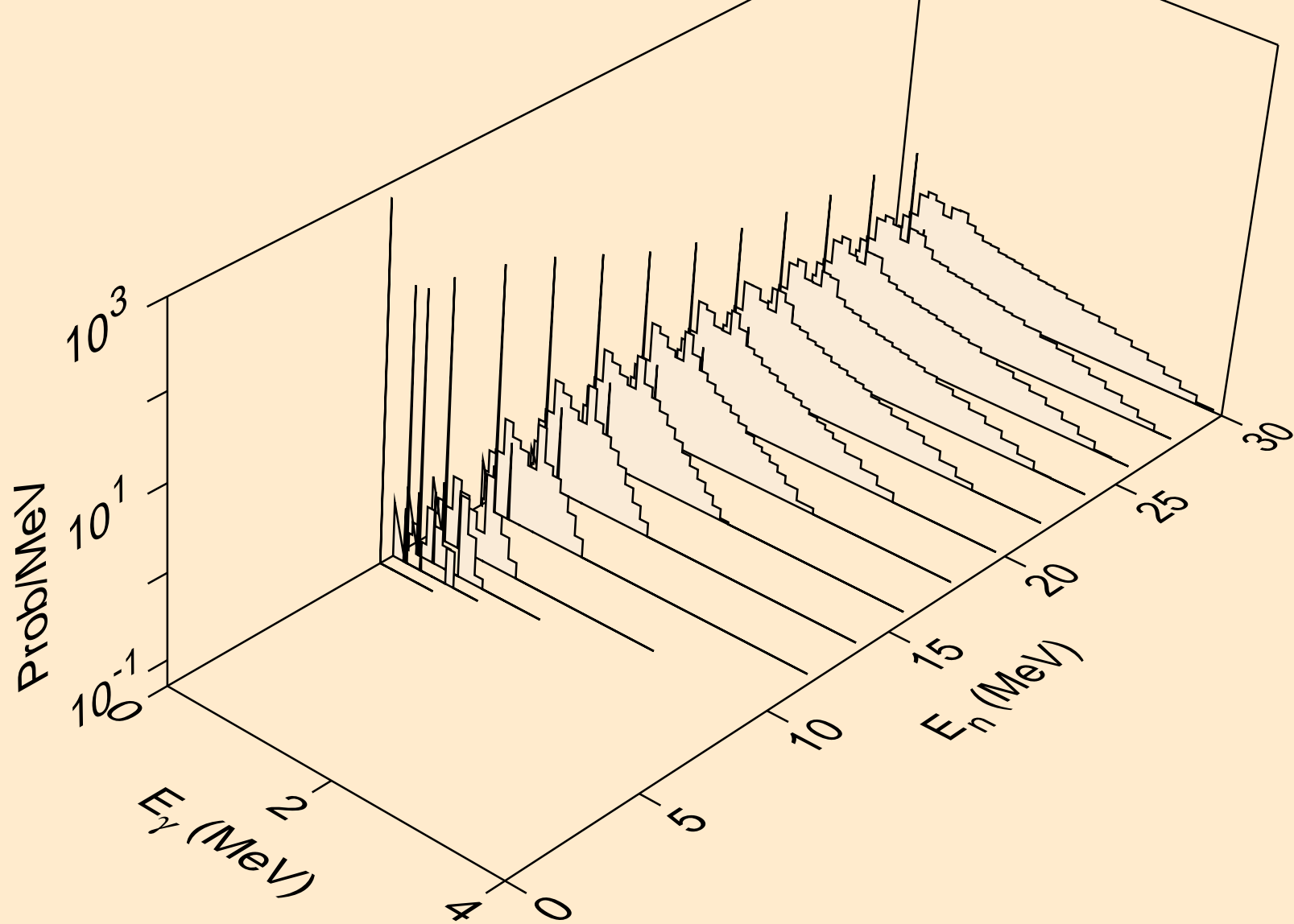
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Photon emission for (n,p)



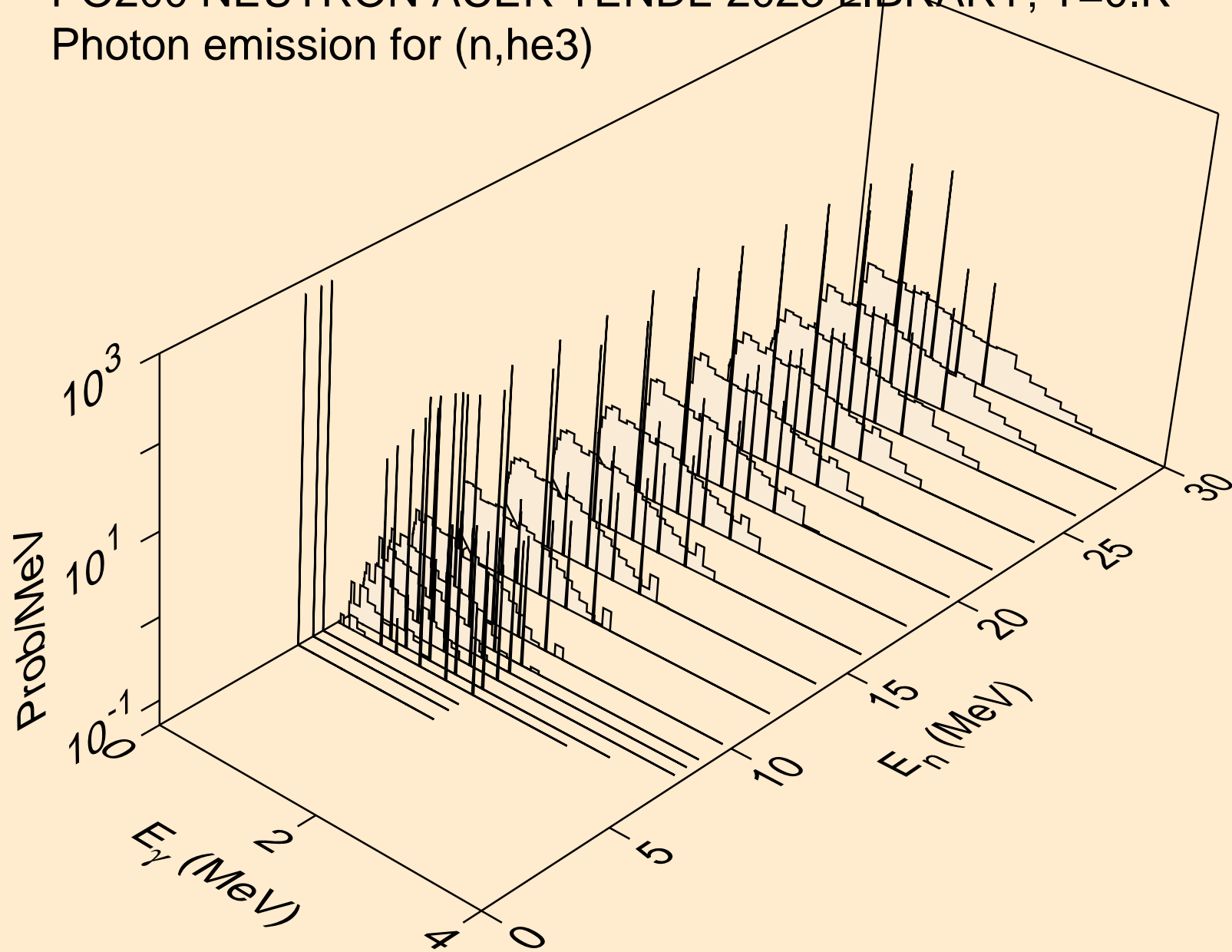
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Photon emission for (n,d)



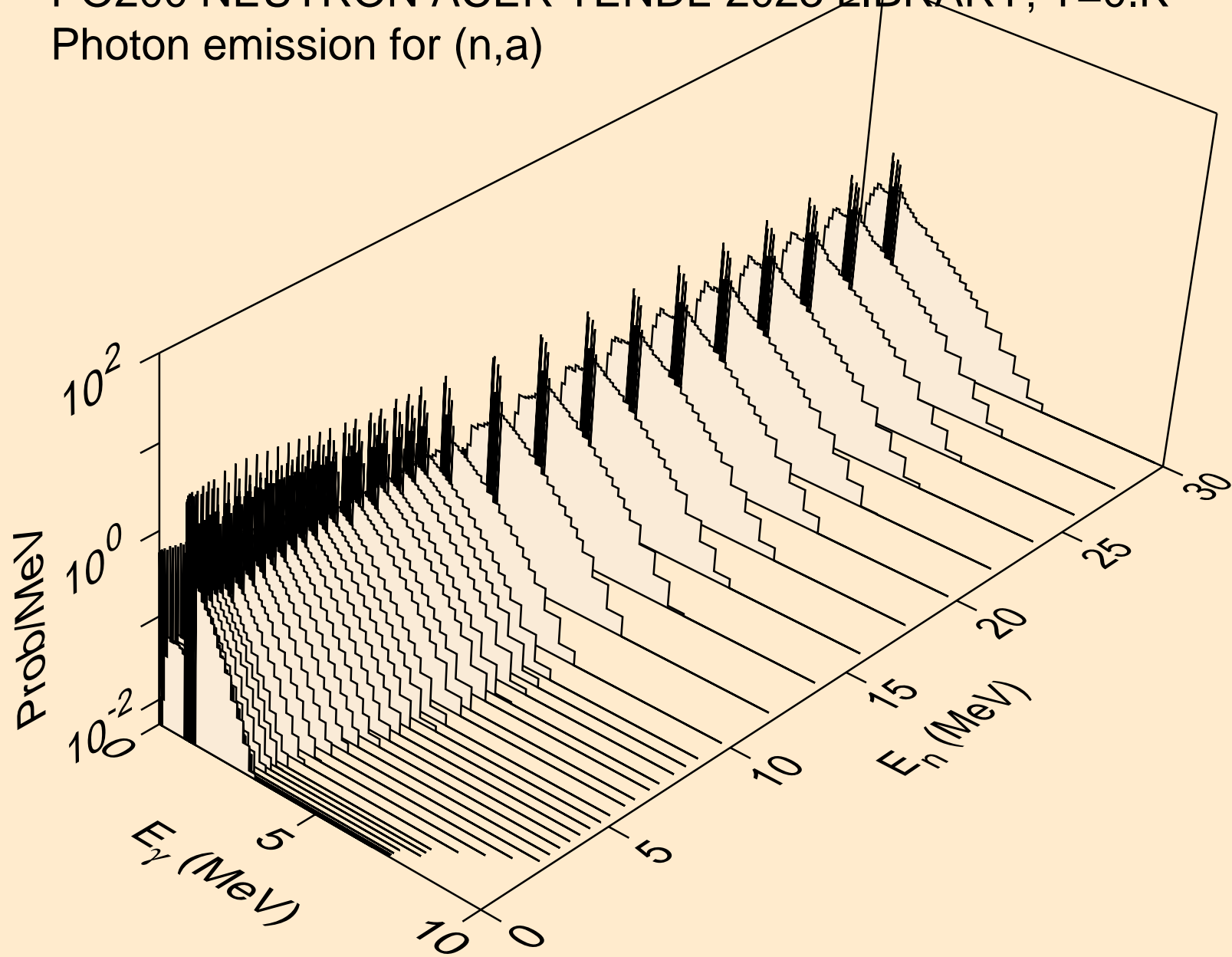
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Photon emission for (n,t)



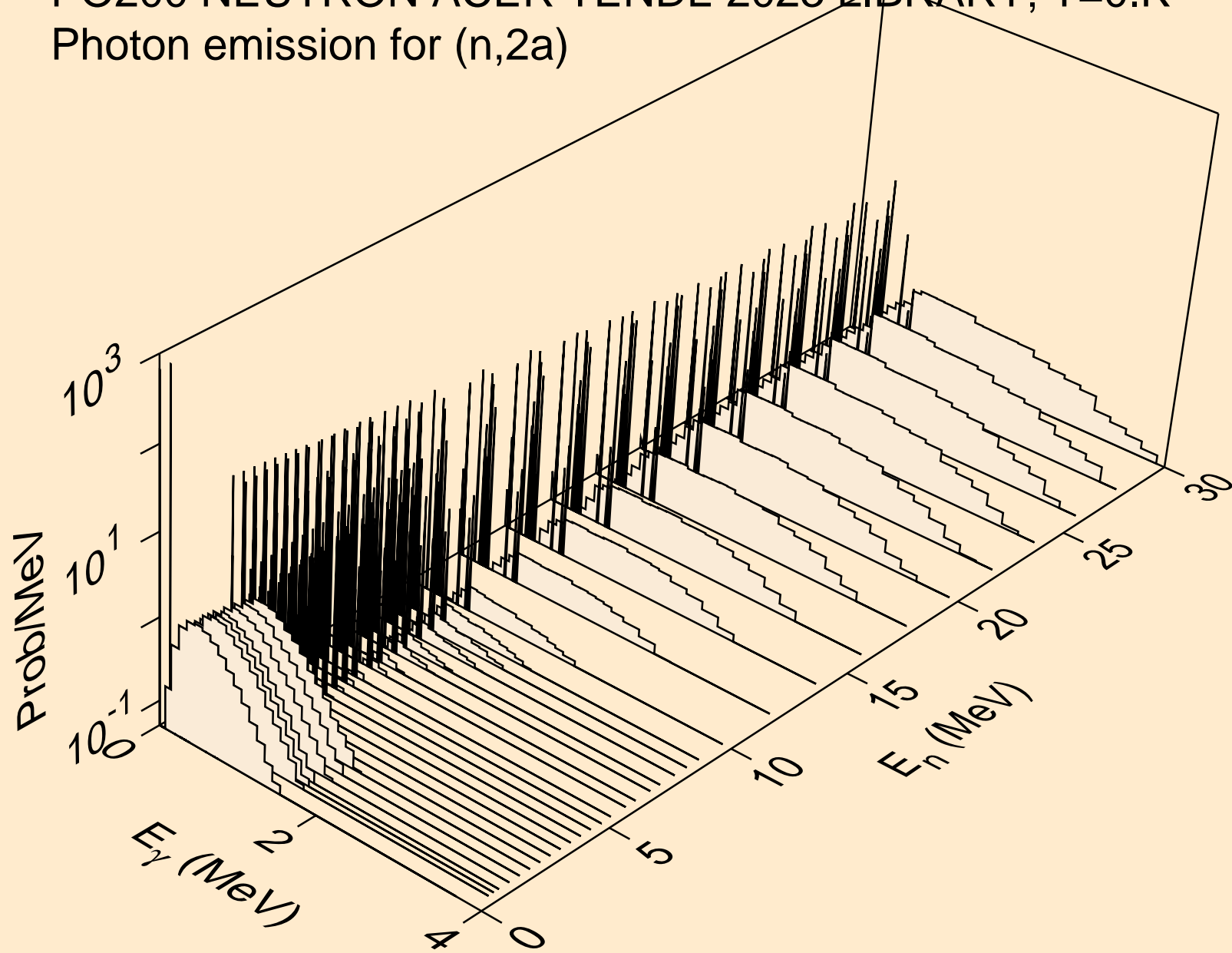
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Photon emission for (n,he3)



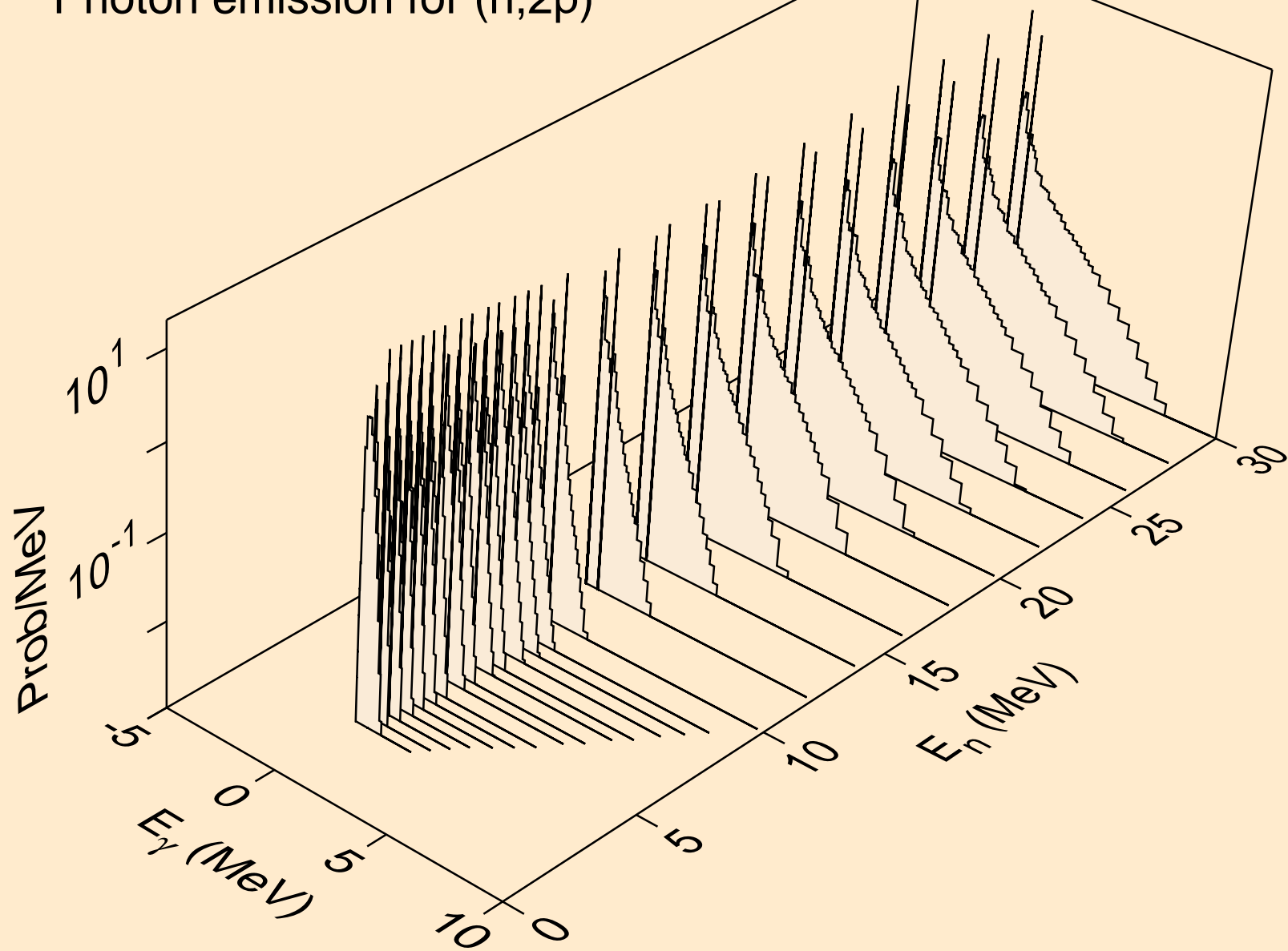
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Photon emission for (n,a)



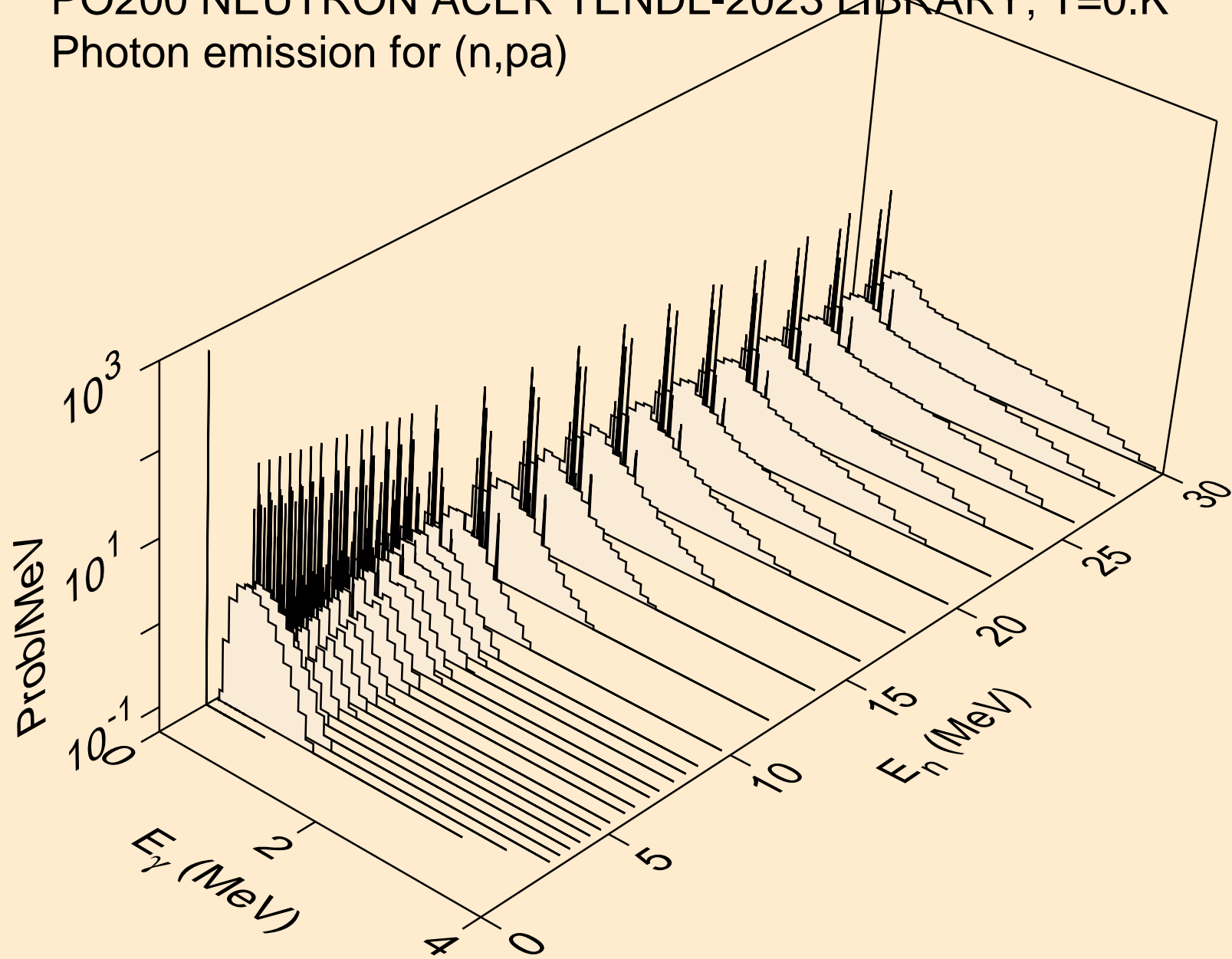
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

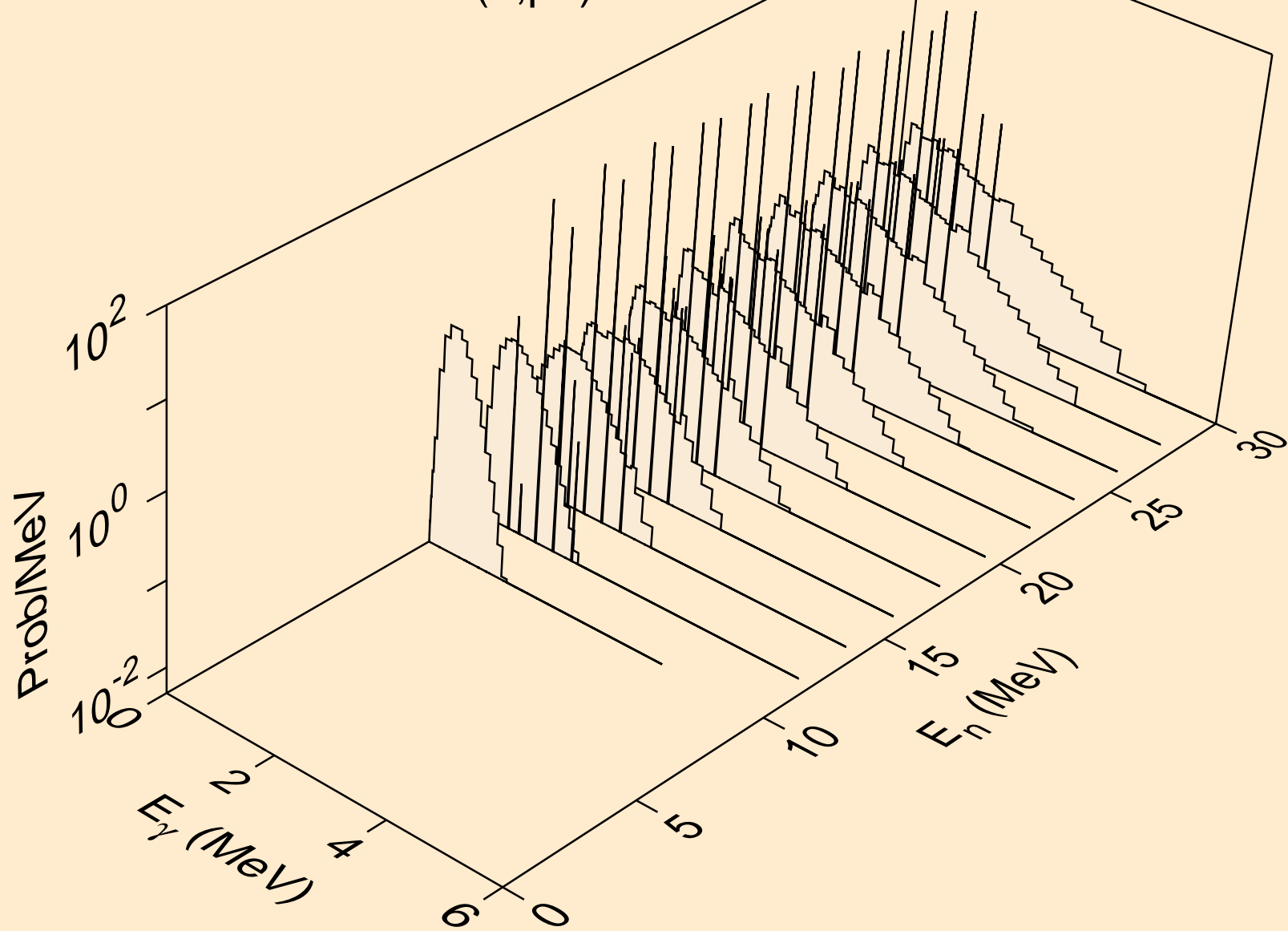


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

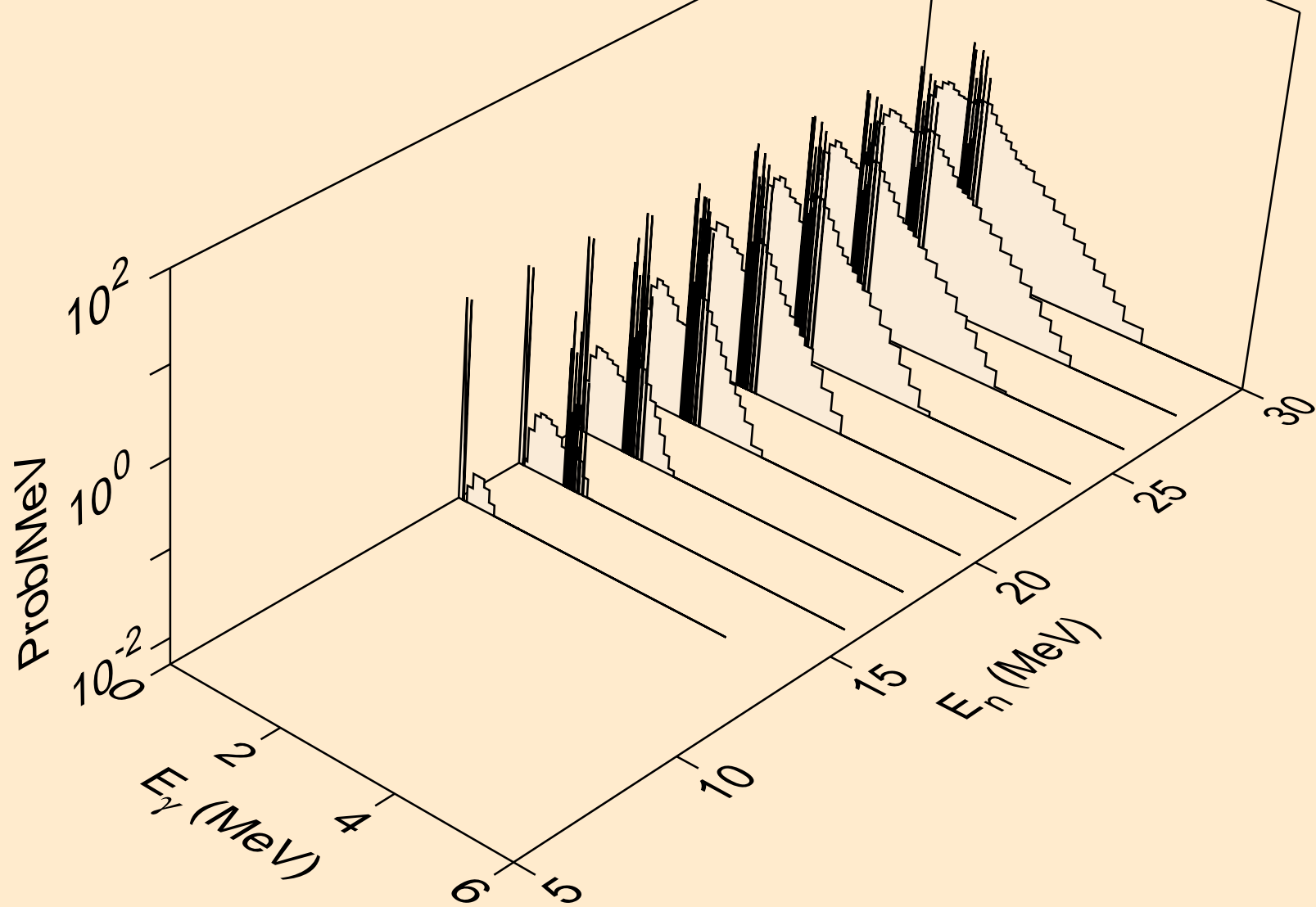




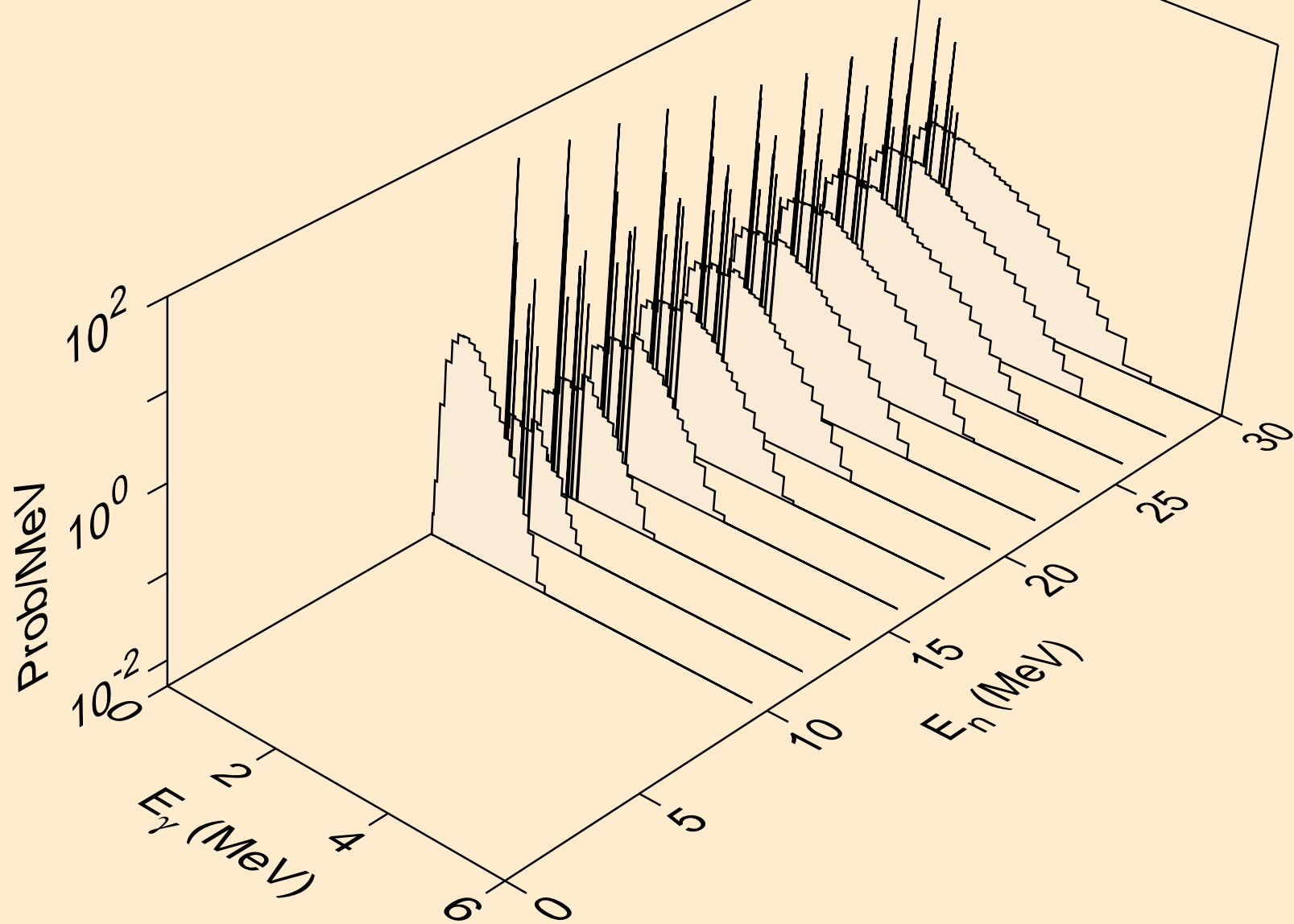
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



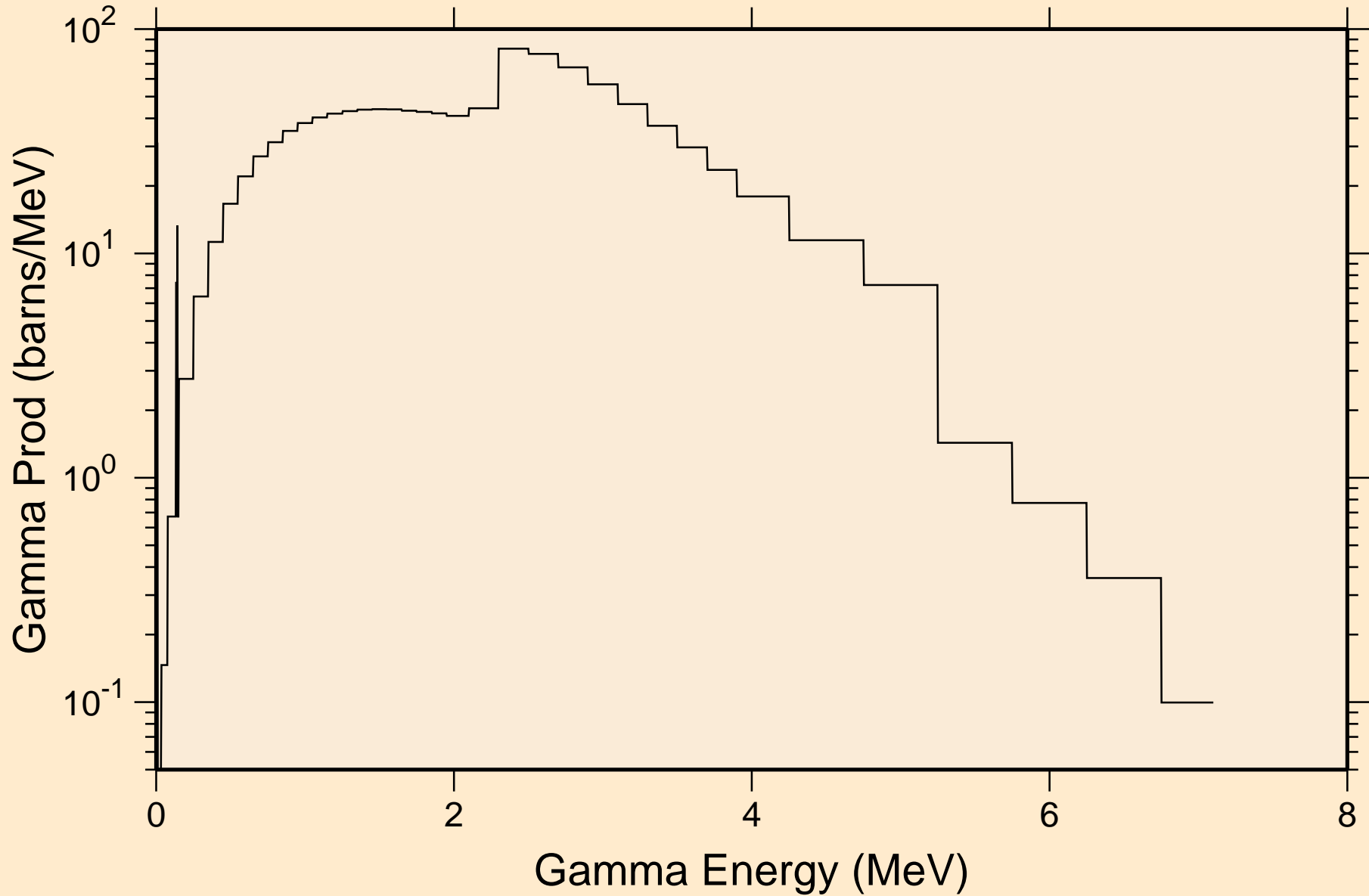
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



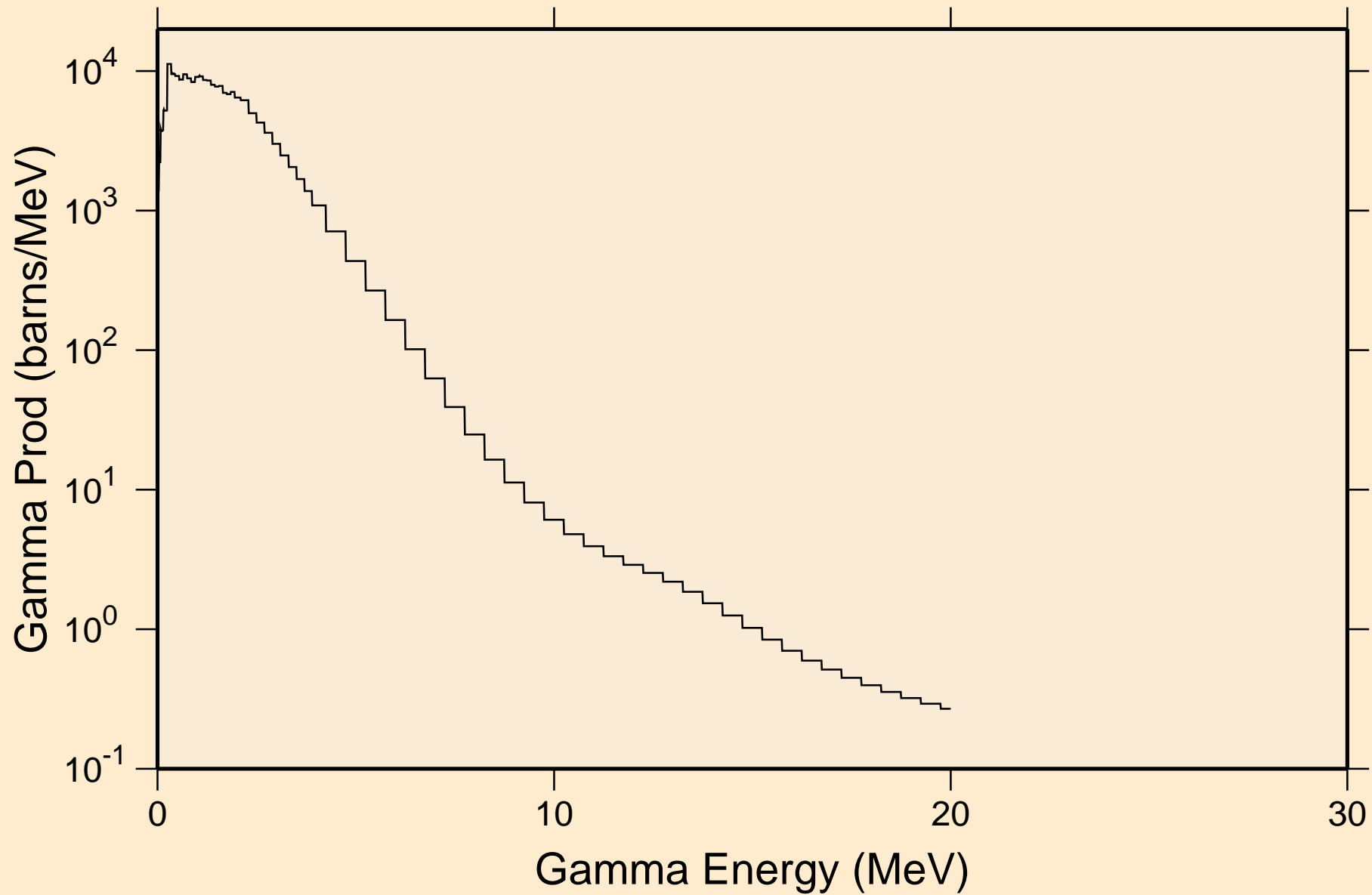
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

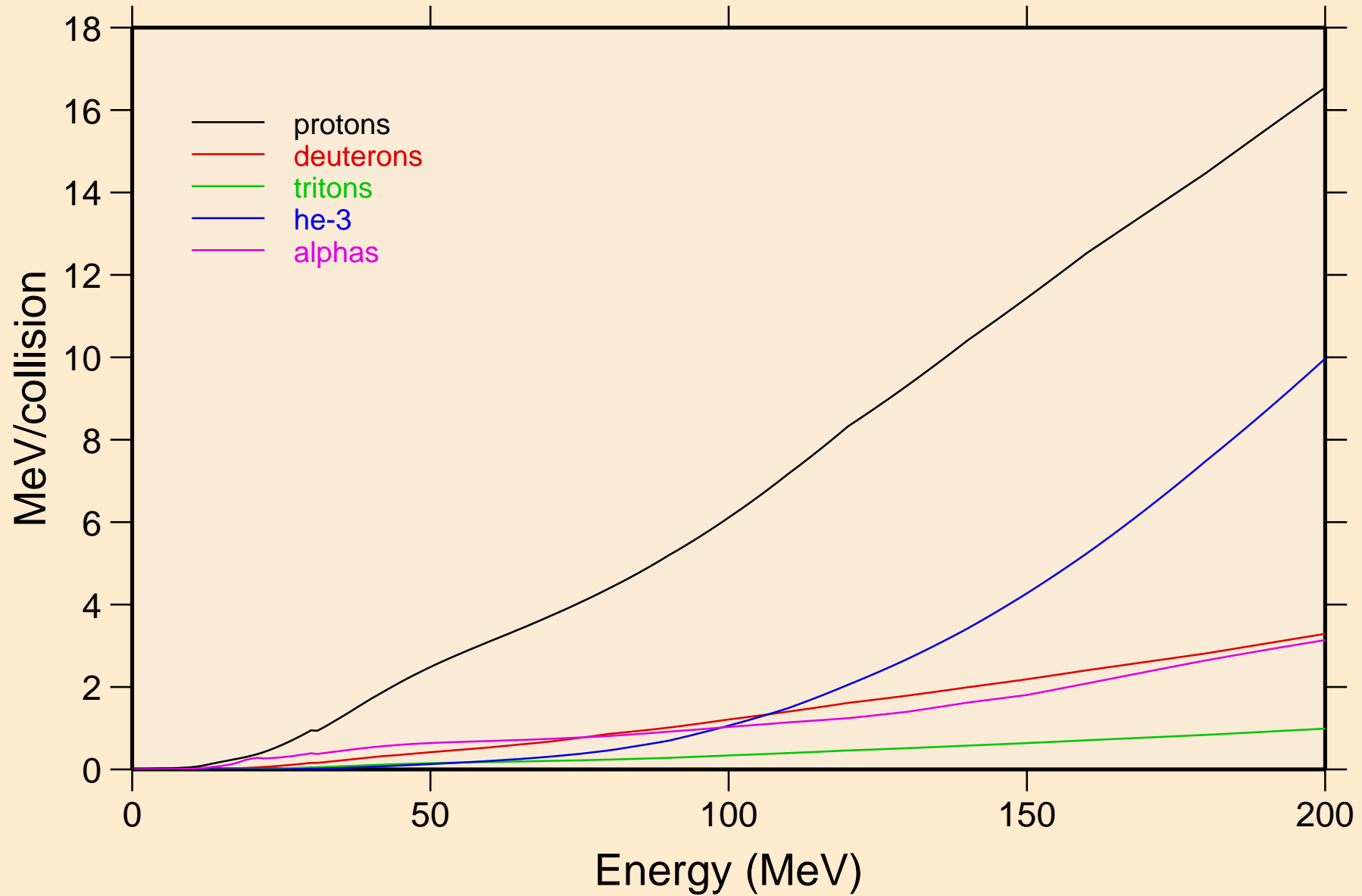


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

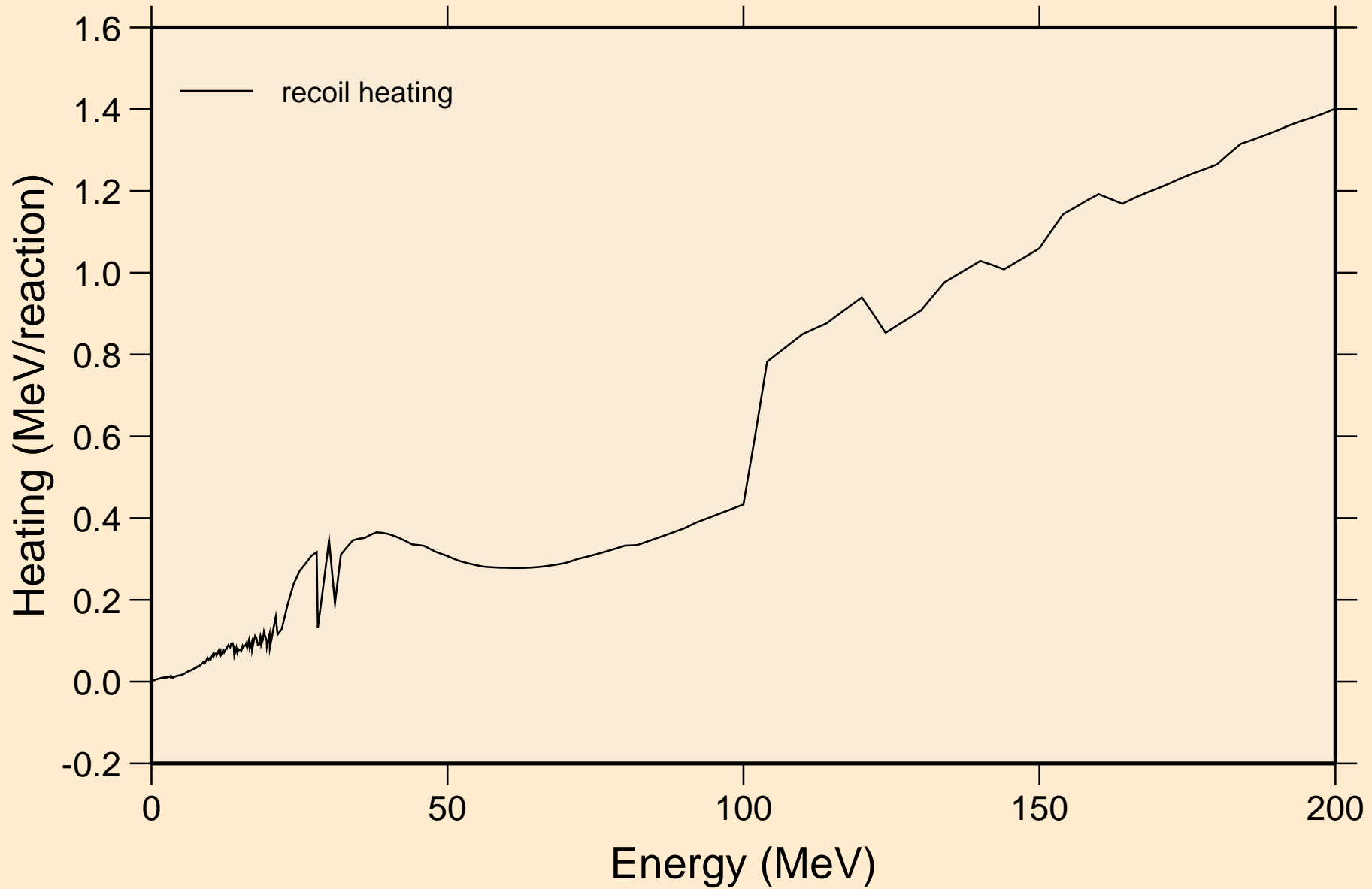


# PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

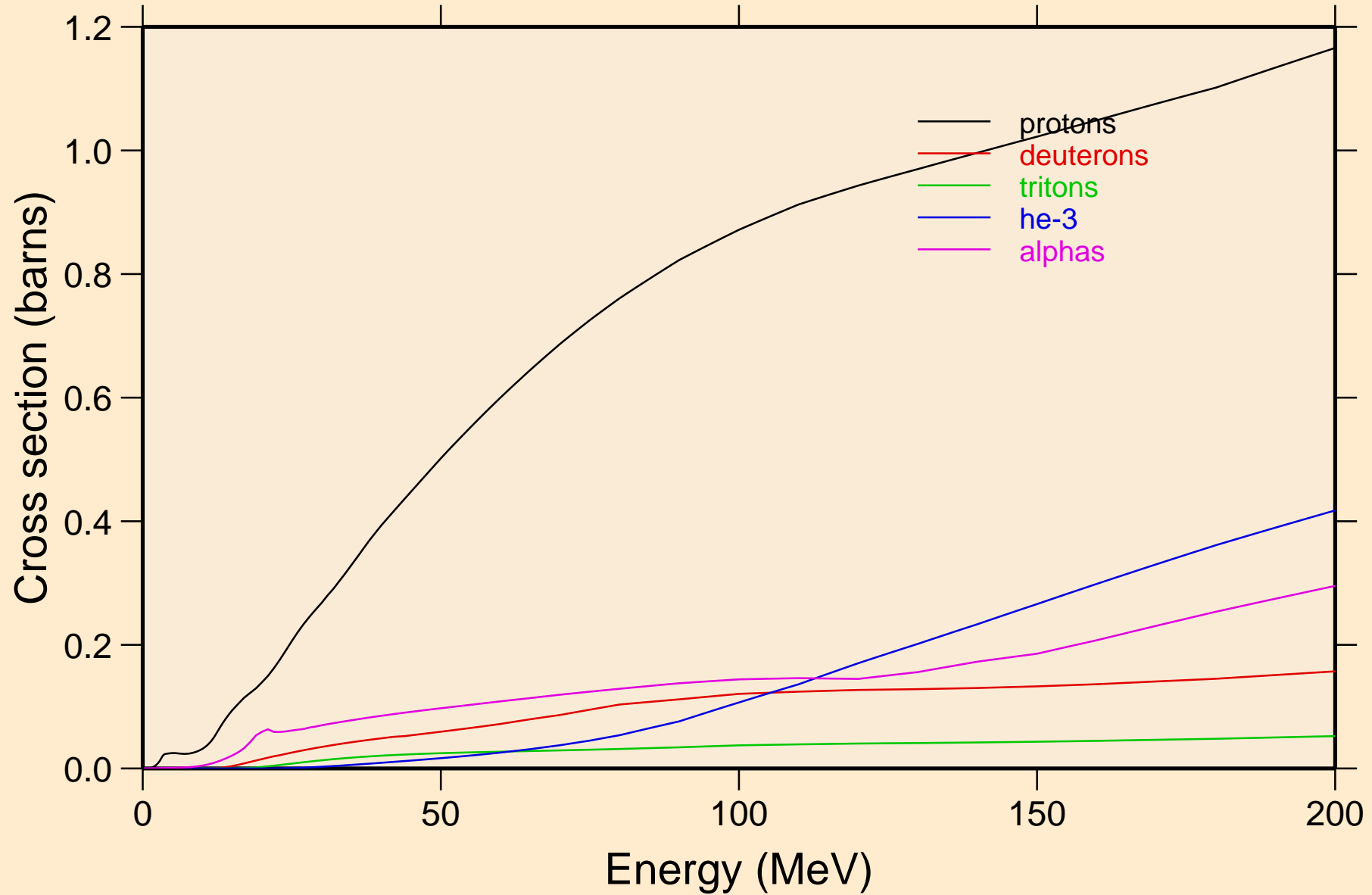
## Particle heating contributions



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Recoil Heating

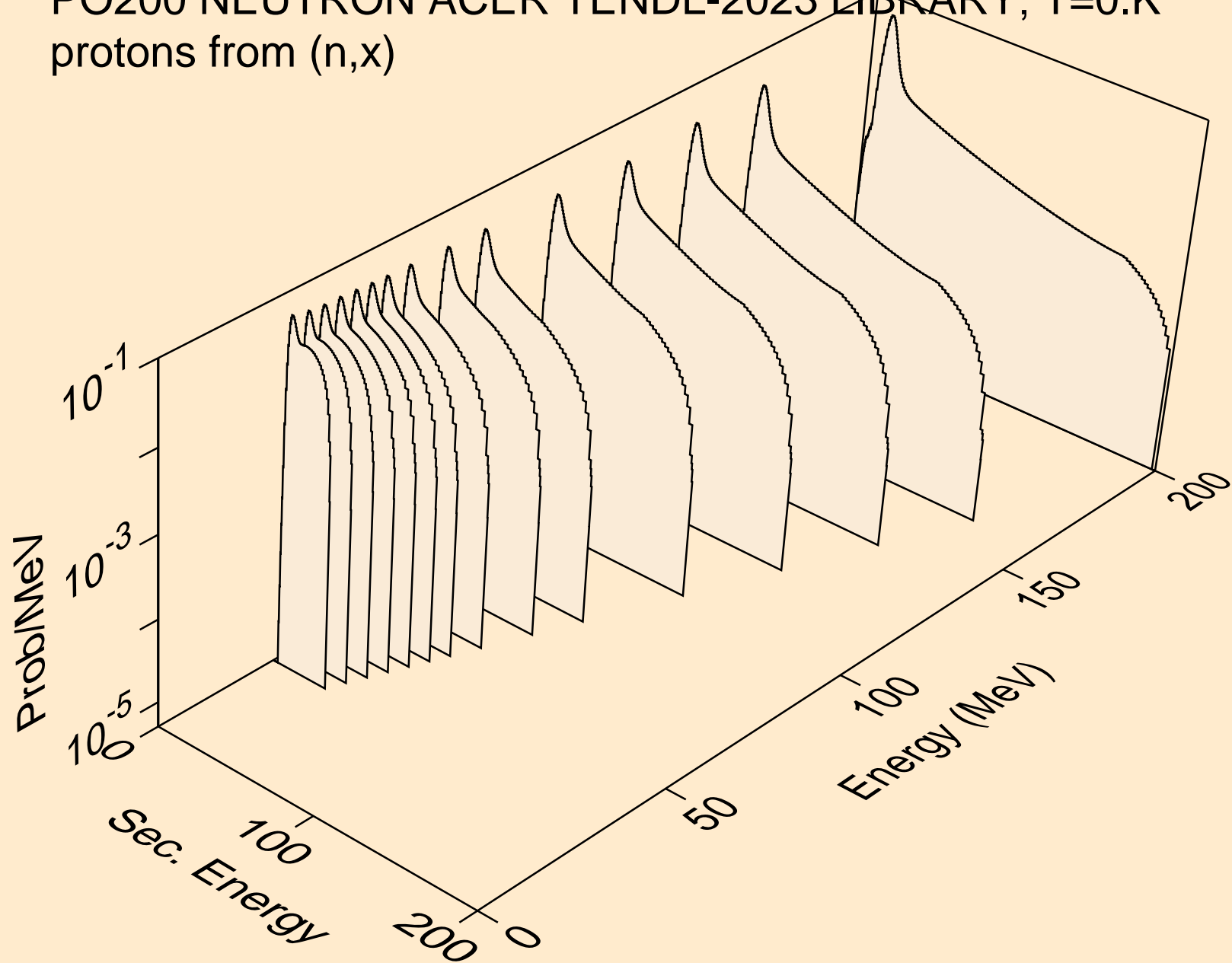


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

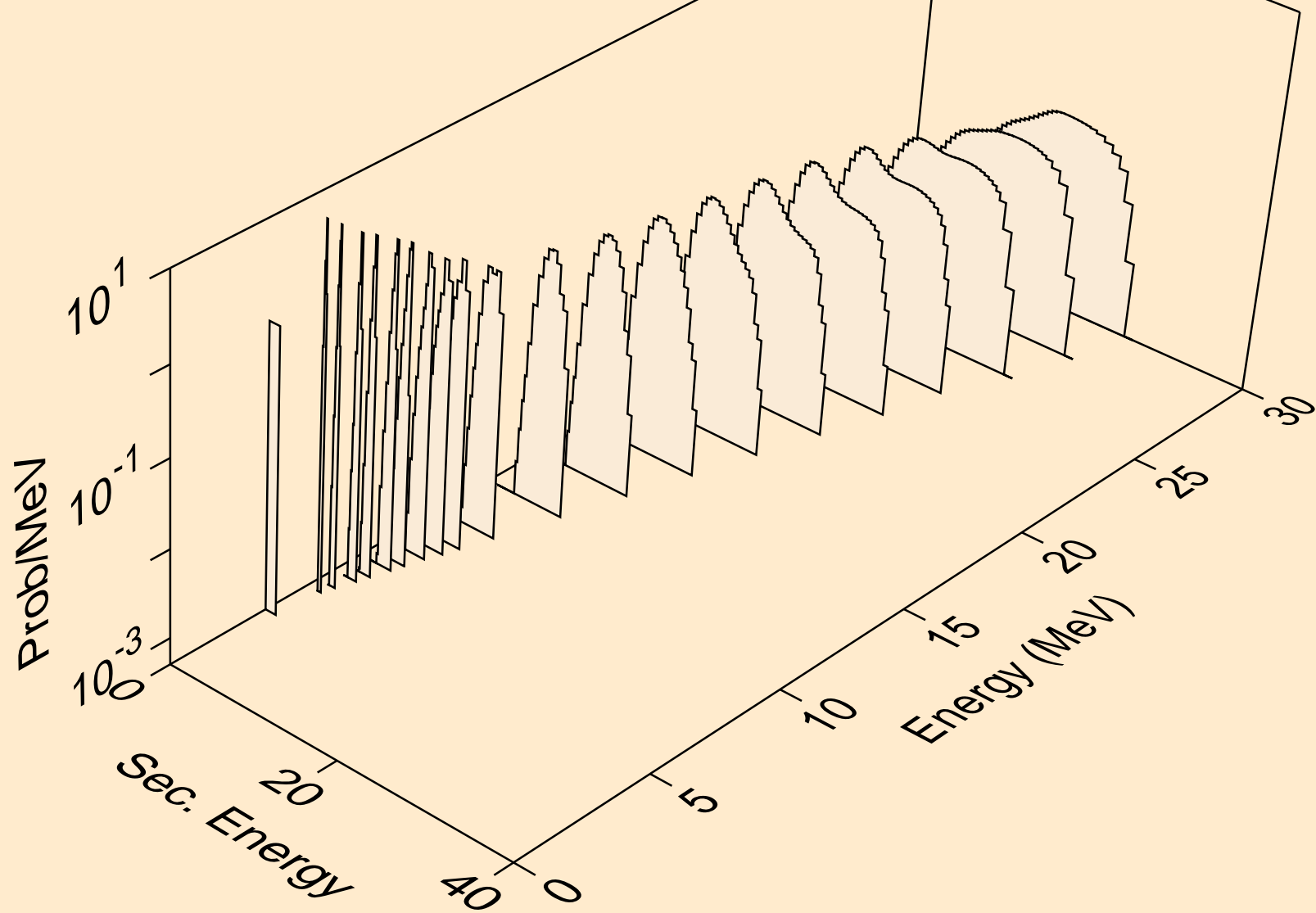




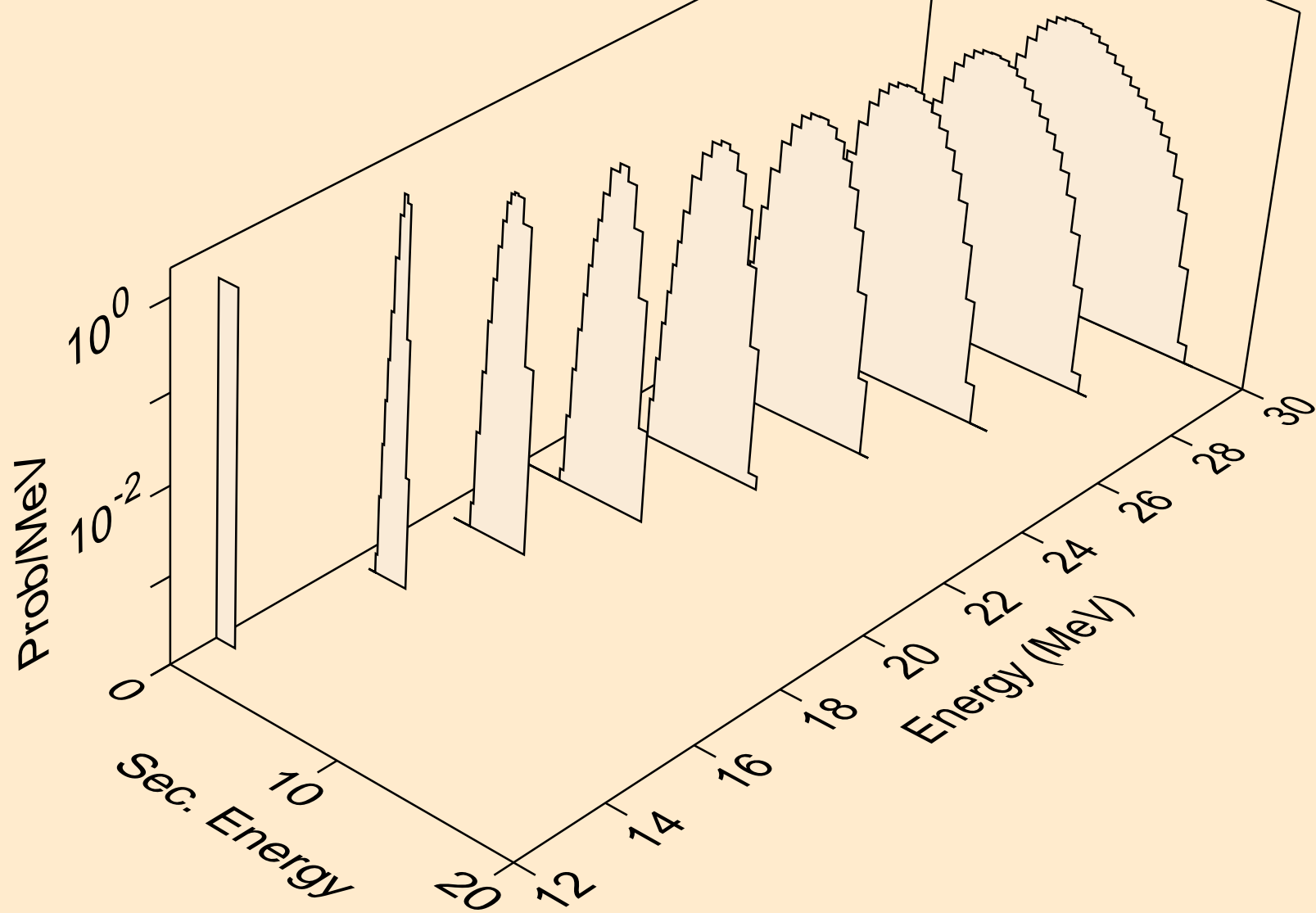
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



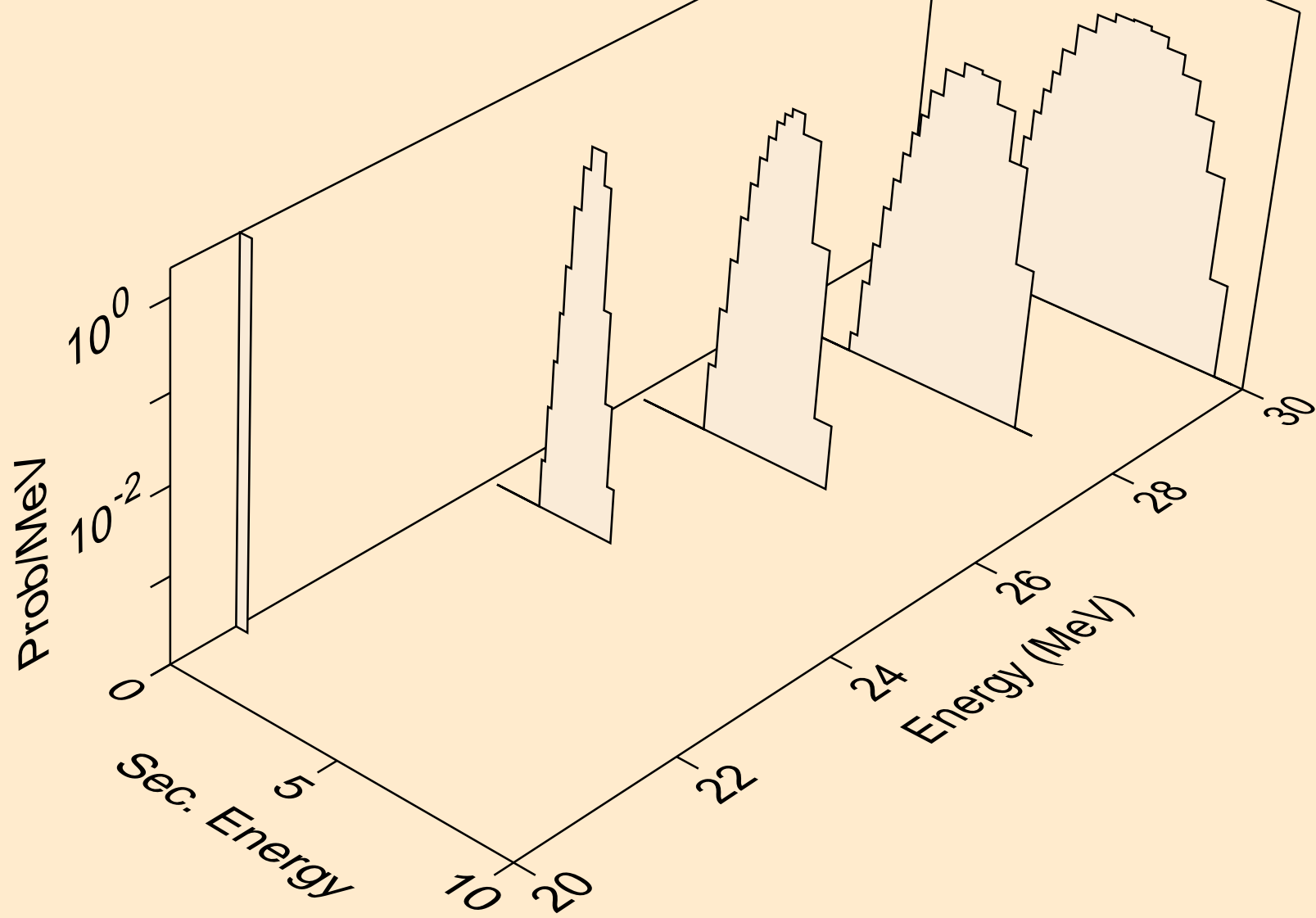
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



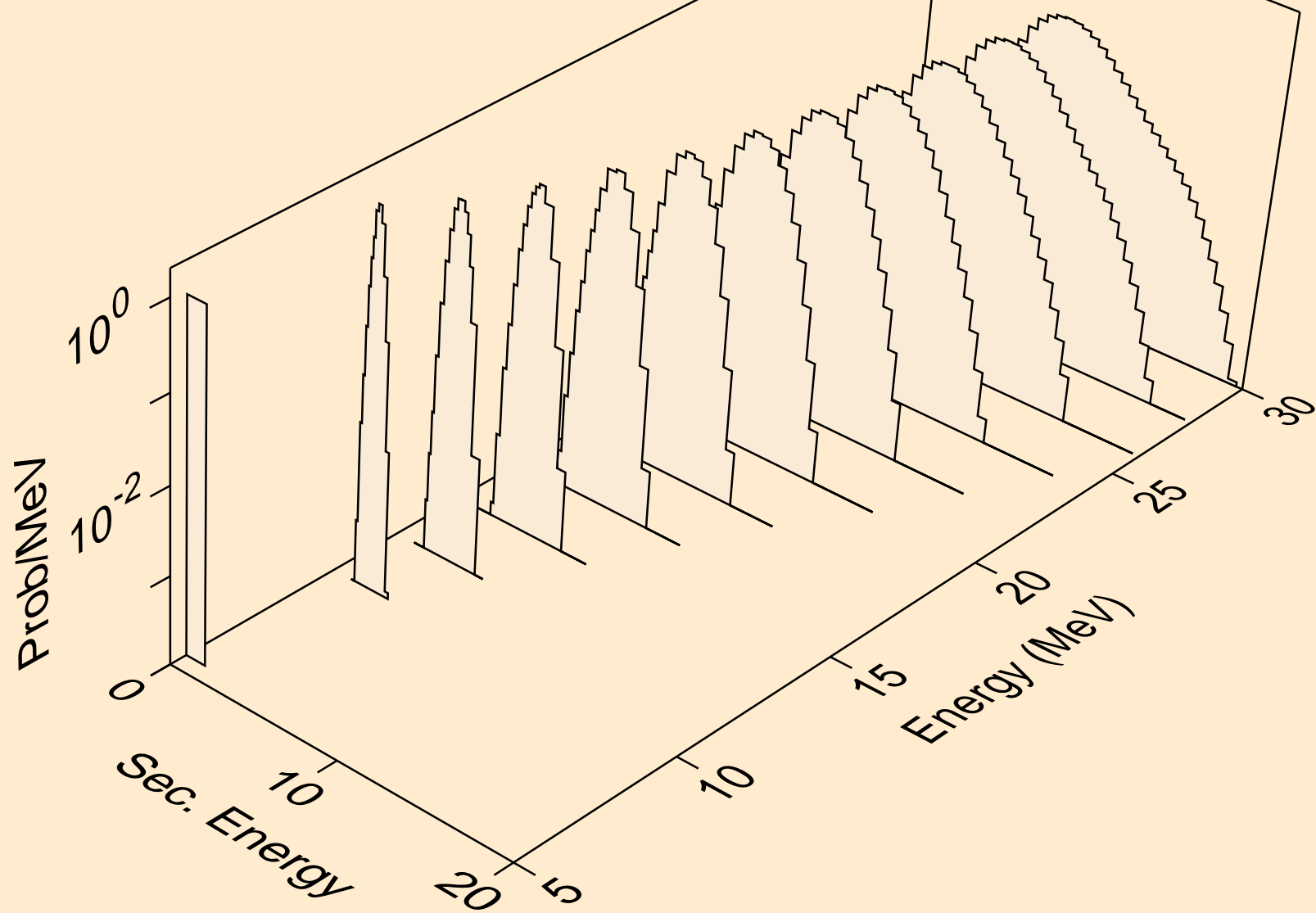
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protons from (n,2np)



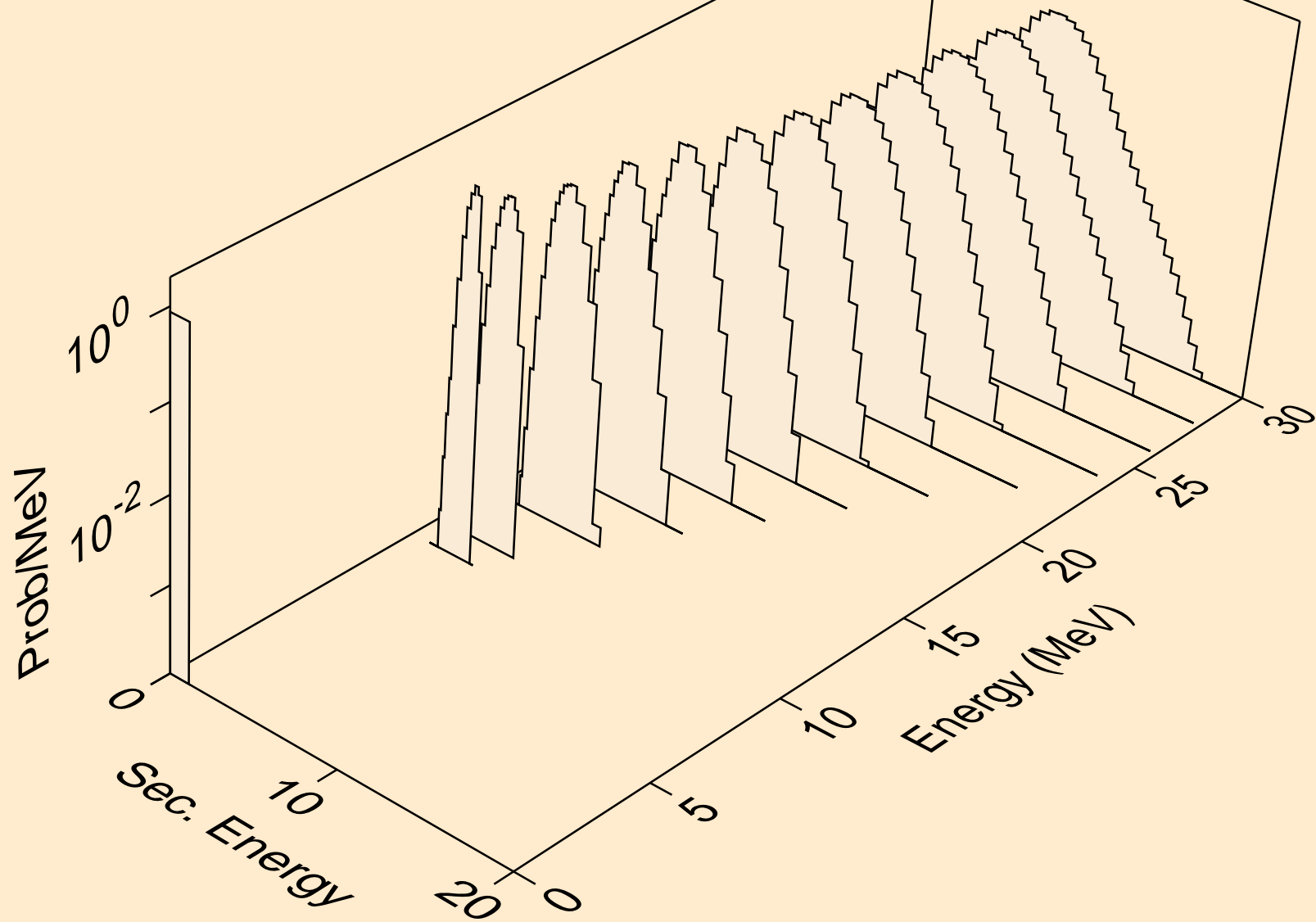
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protons from (n,3np)



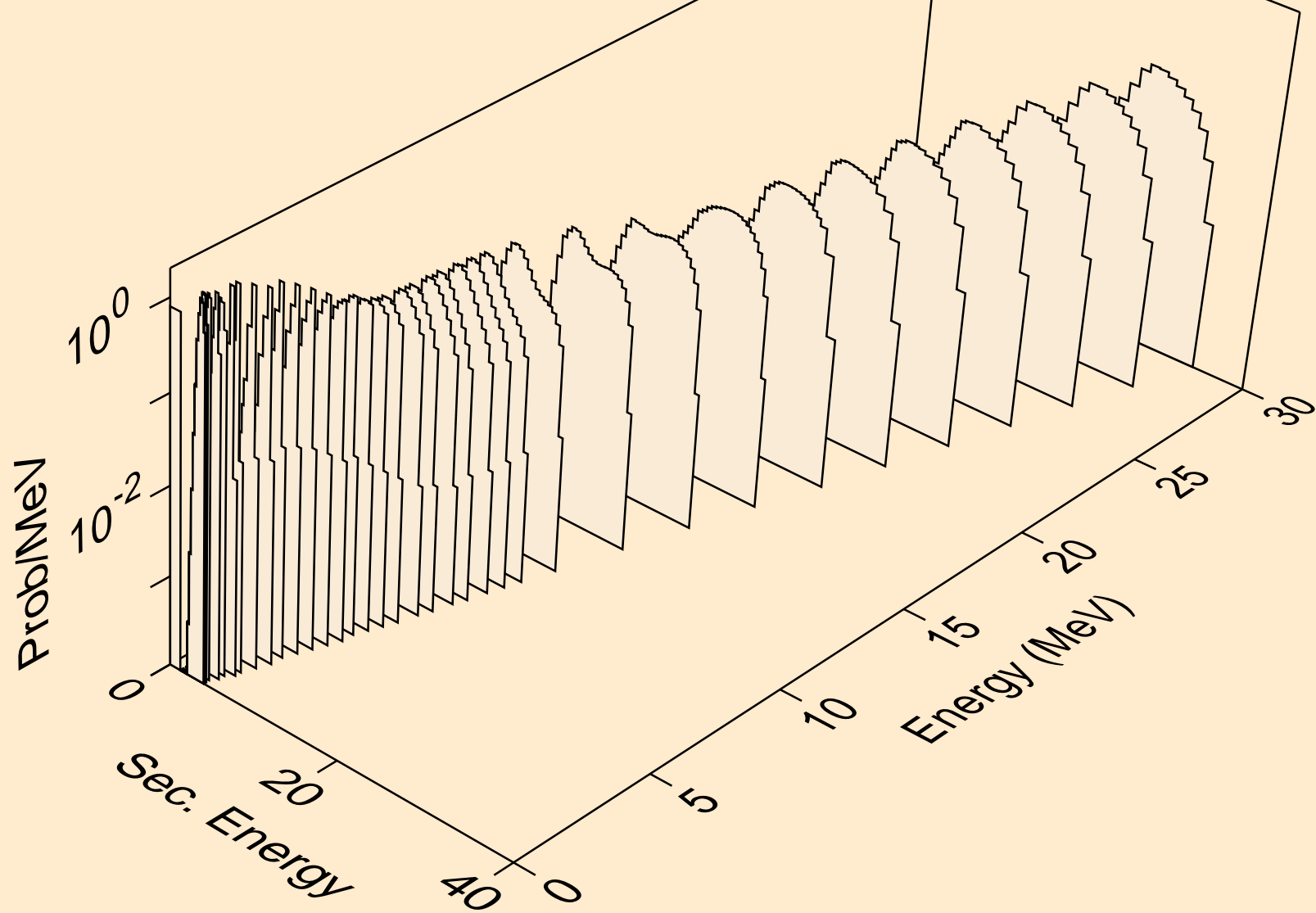
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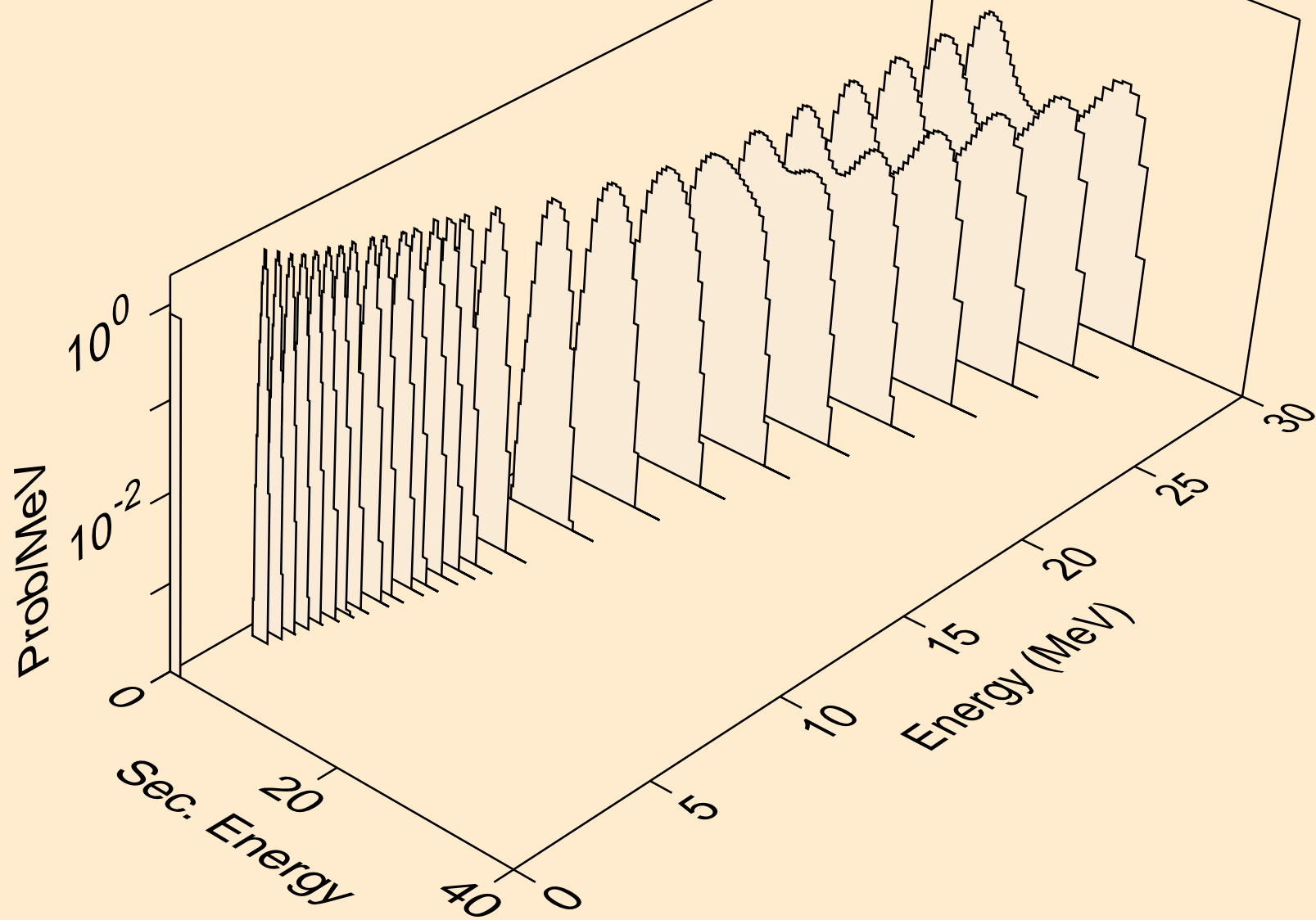
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

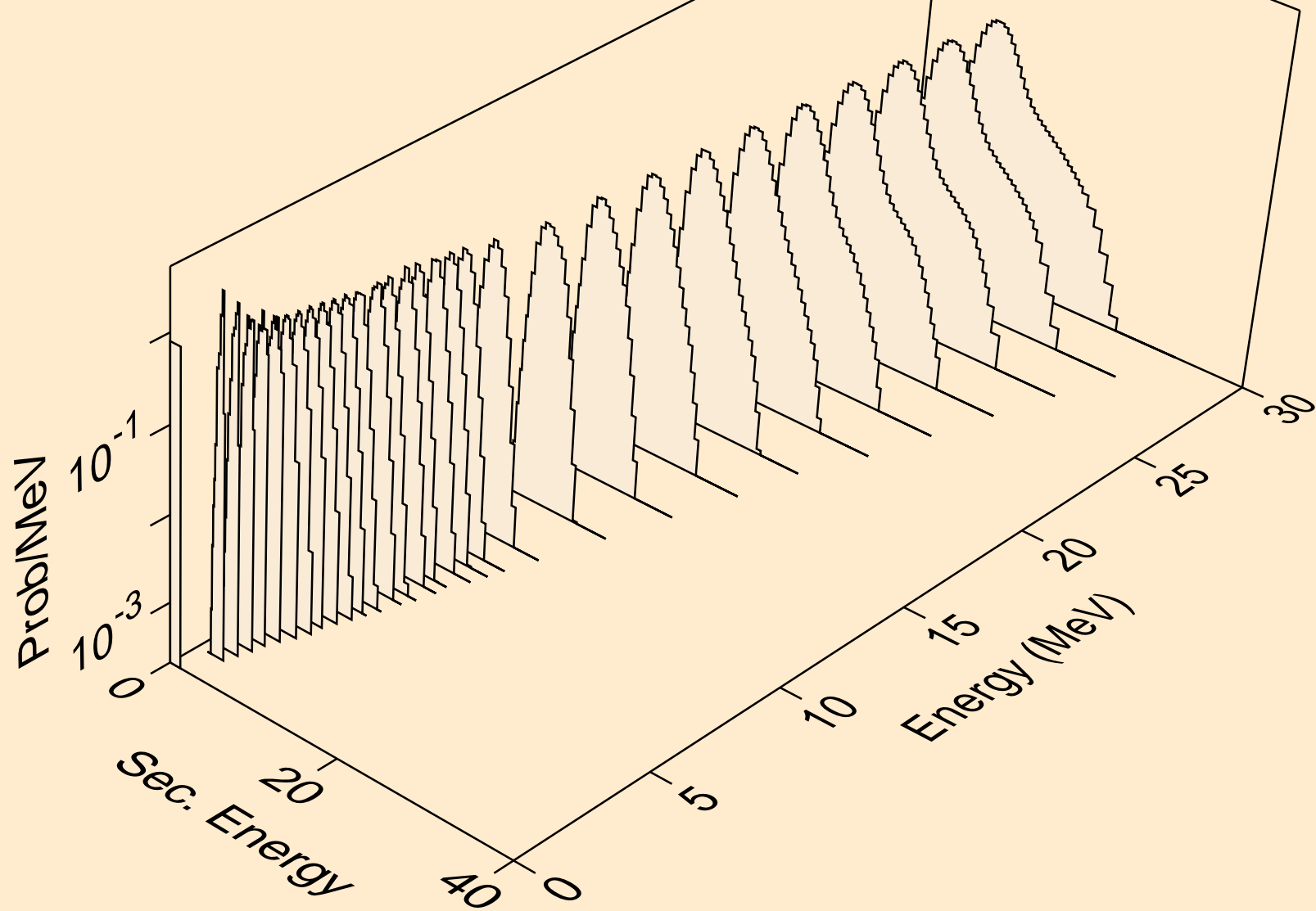


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protons from (n,2p)

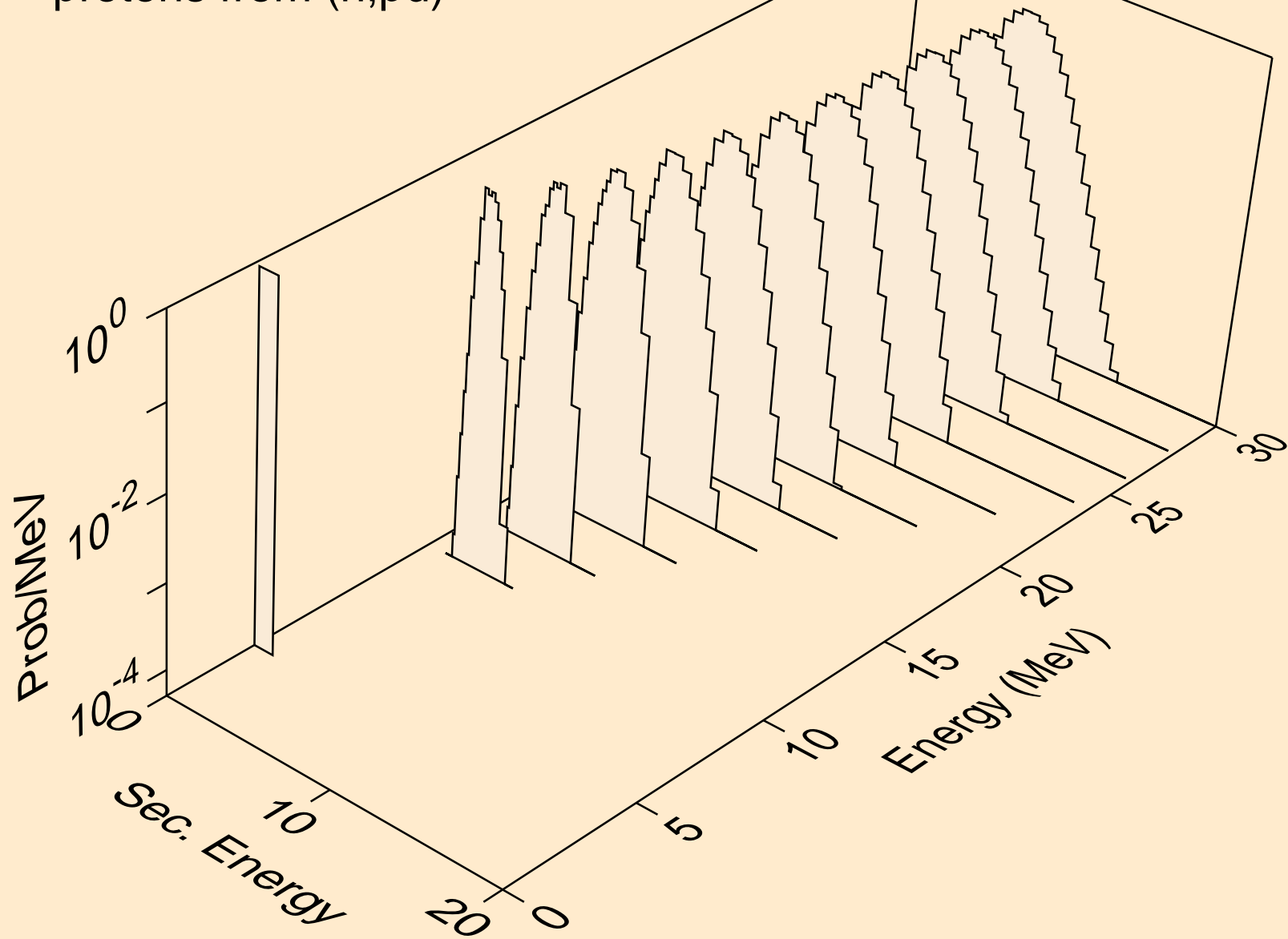




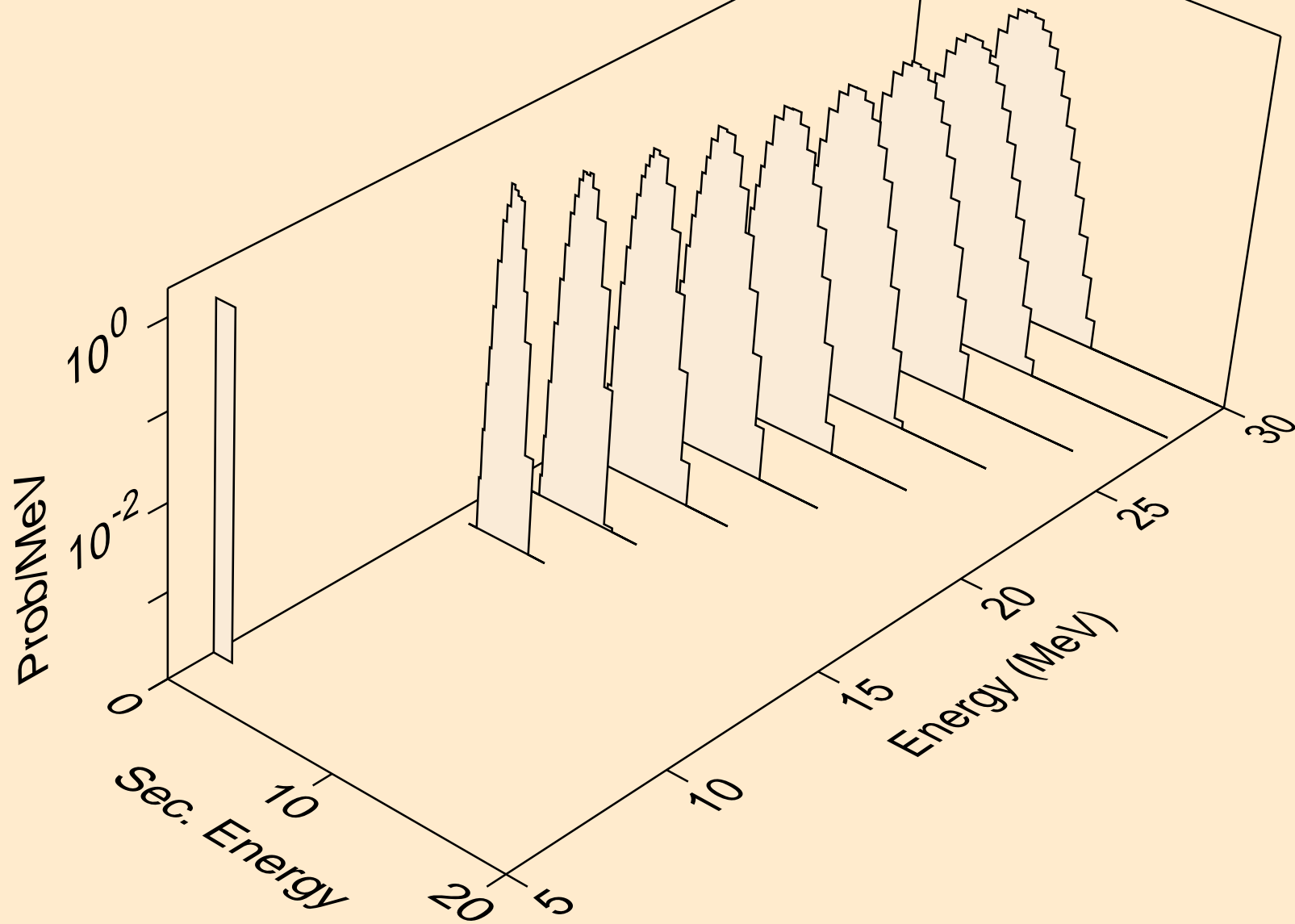
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protons from (n,p)



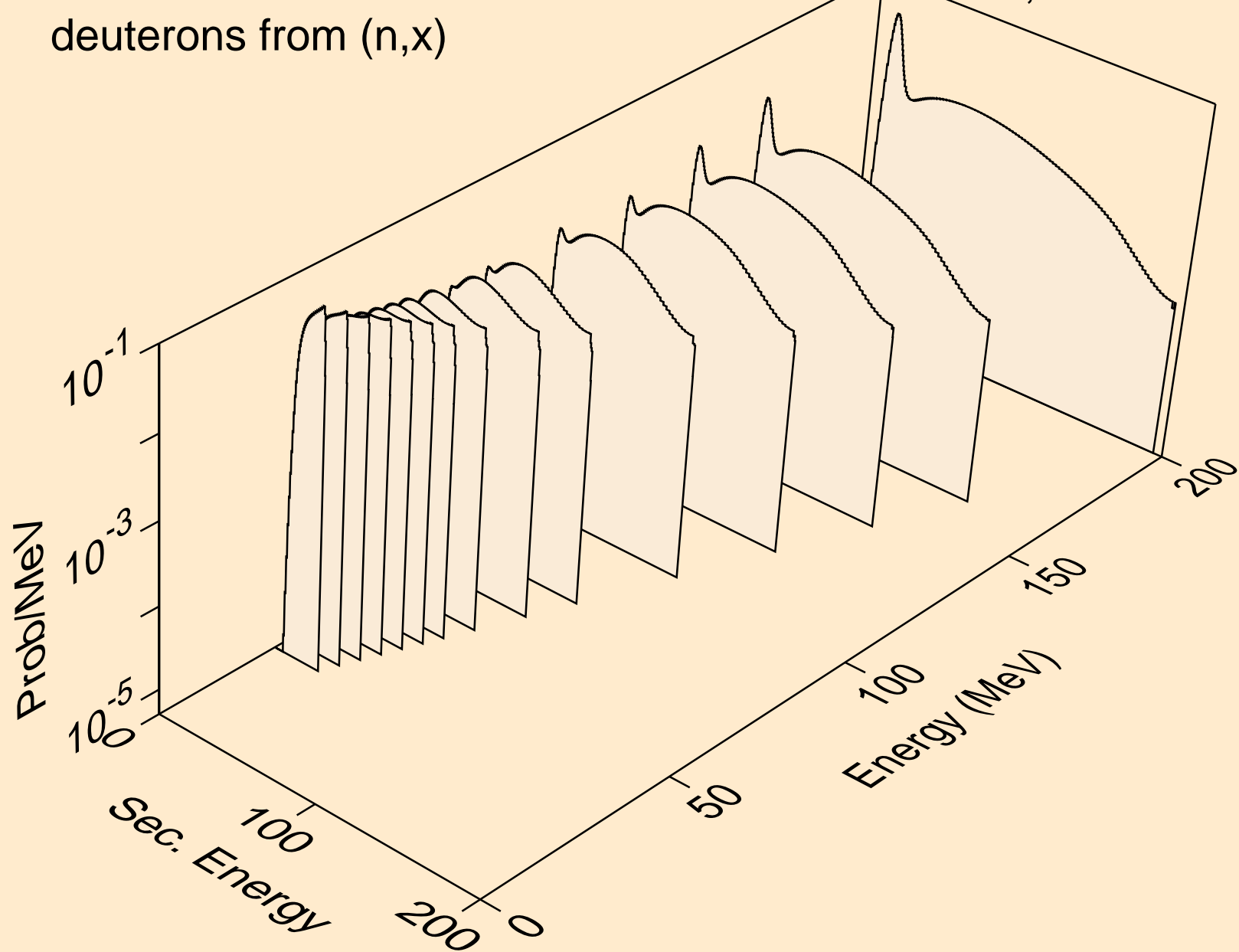
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protons from (n,pd)



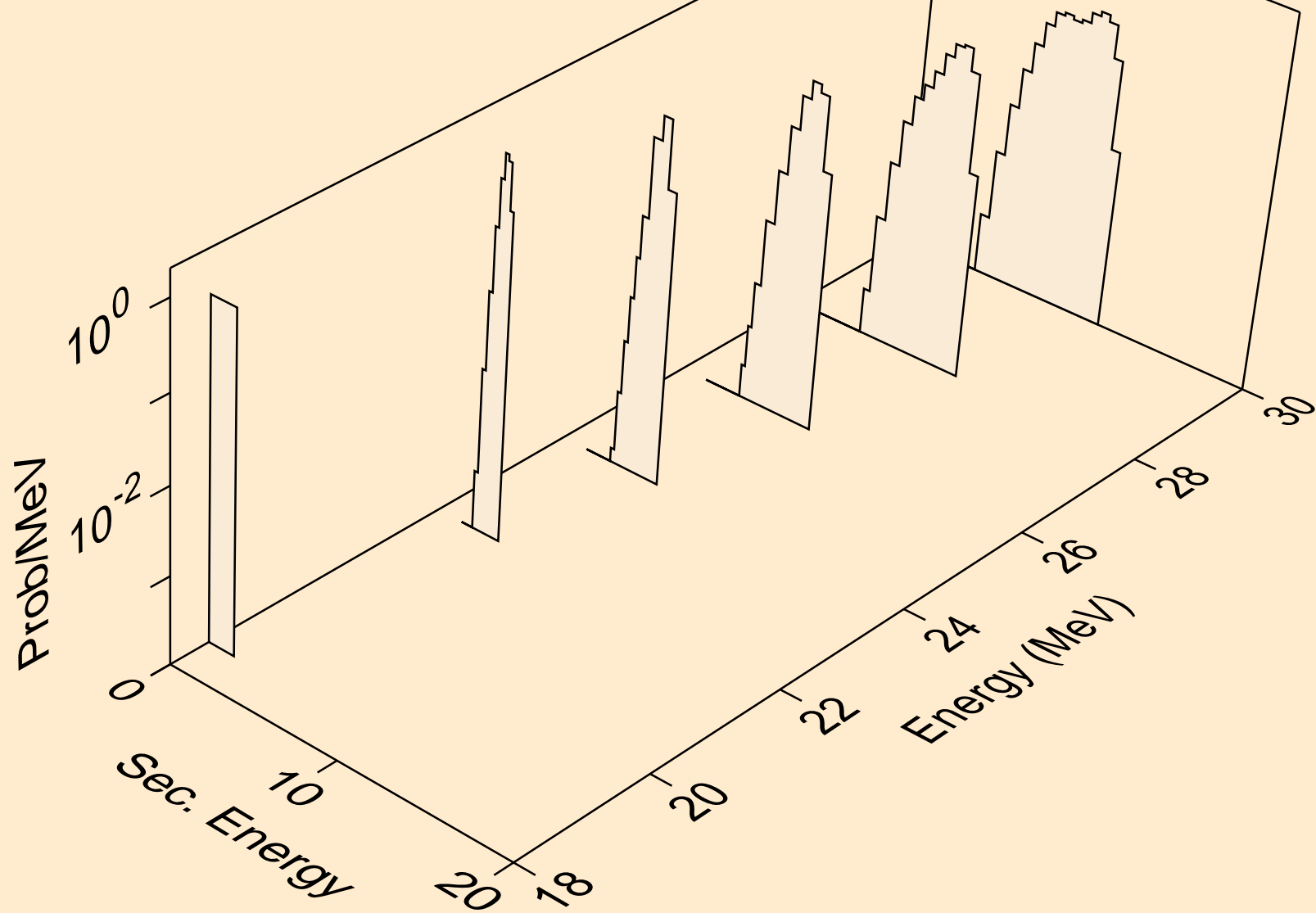
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protons from (n,pt)



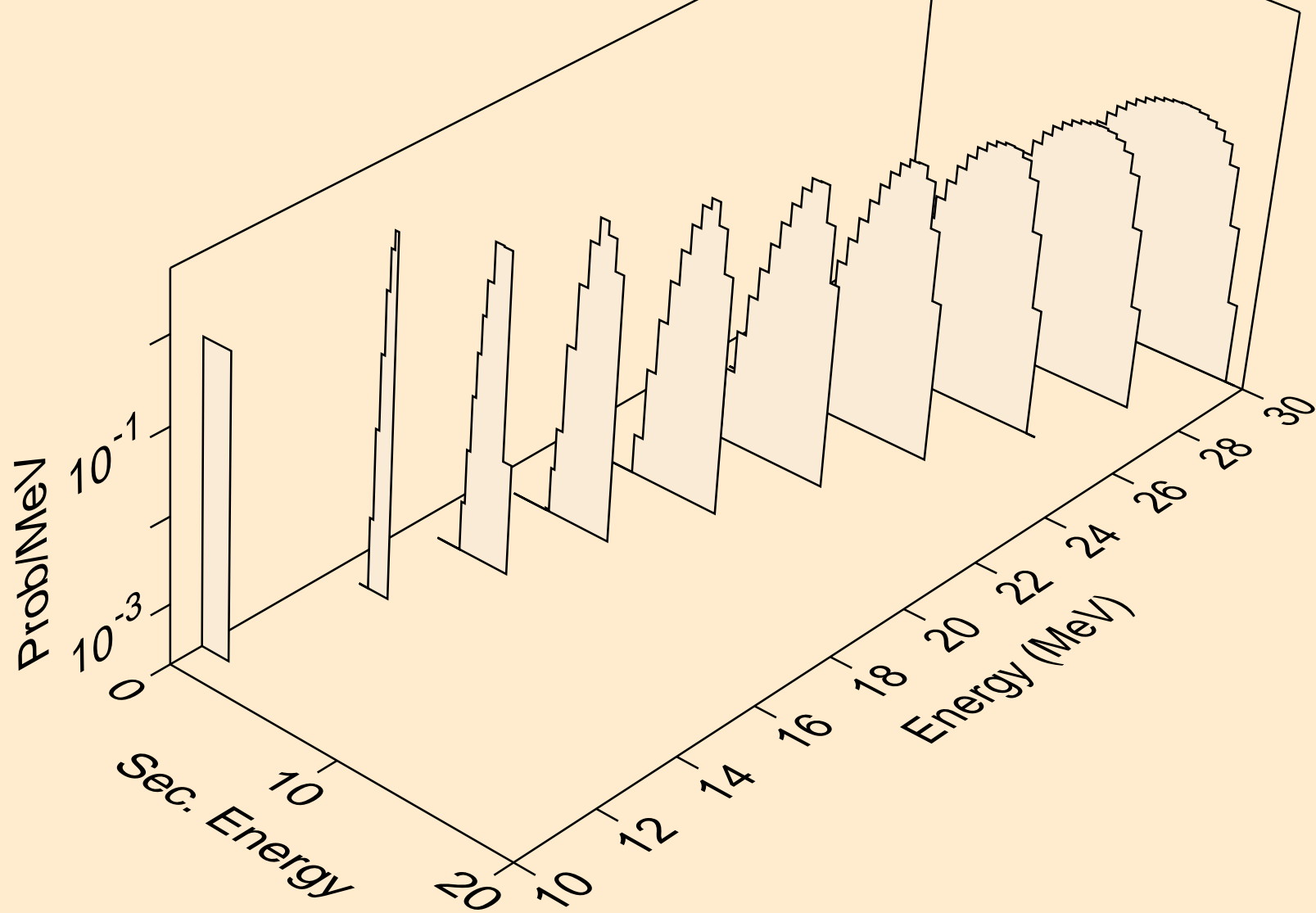
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deuterons from (n,x)



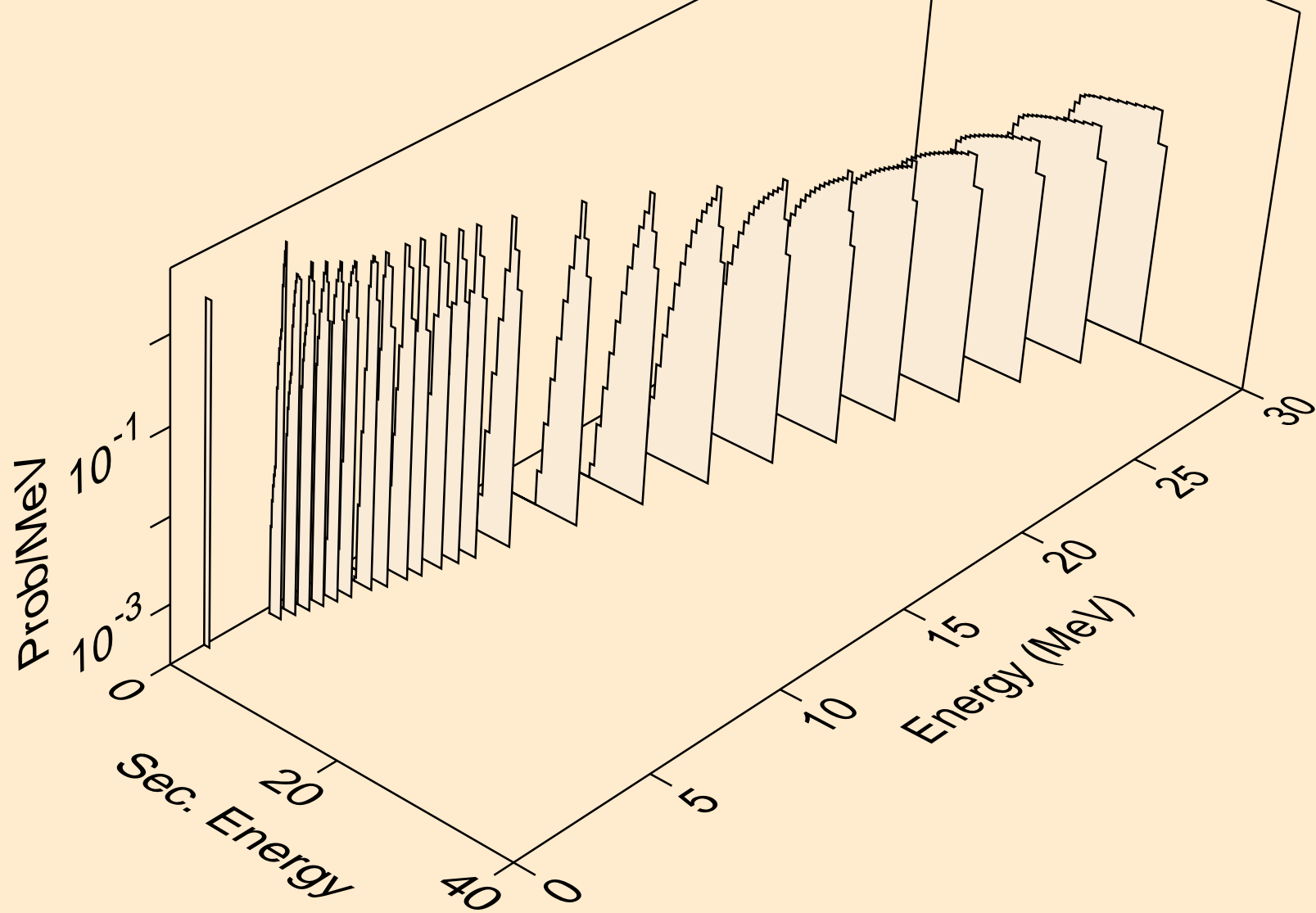
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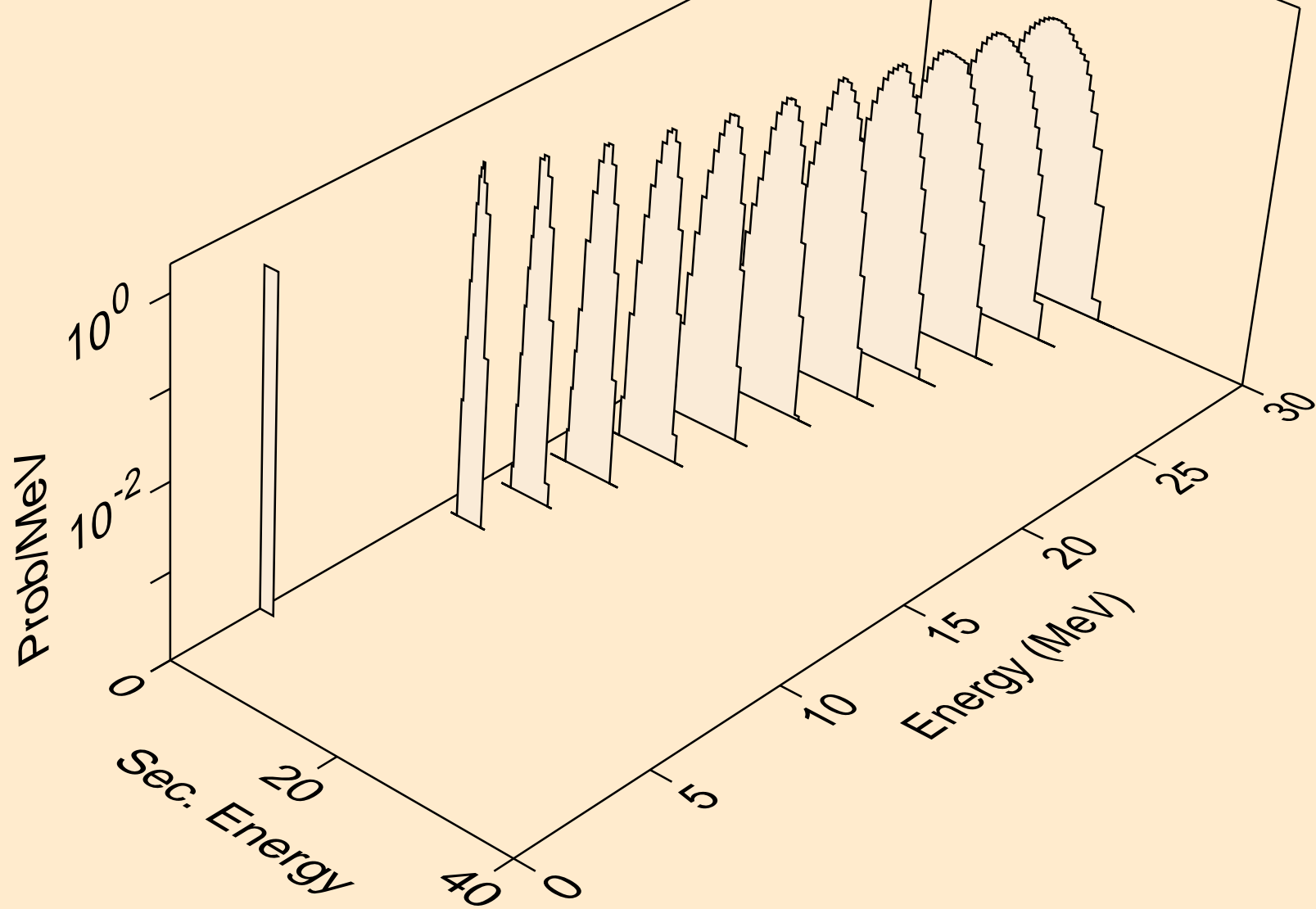
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

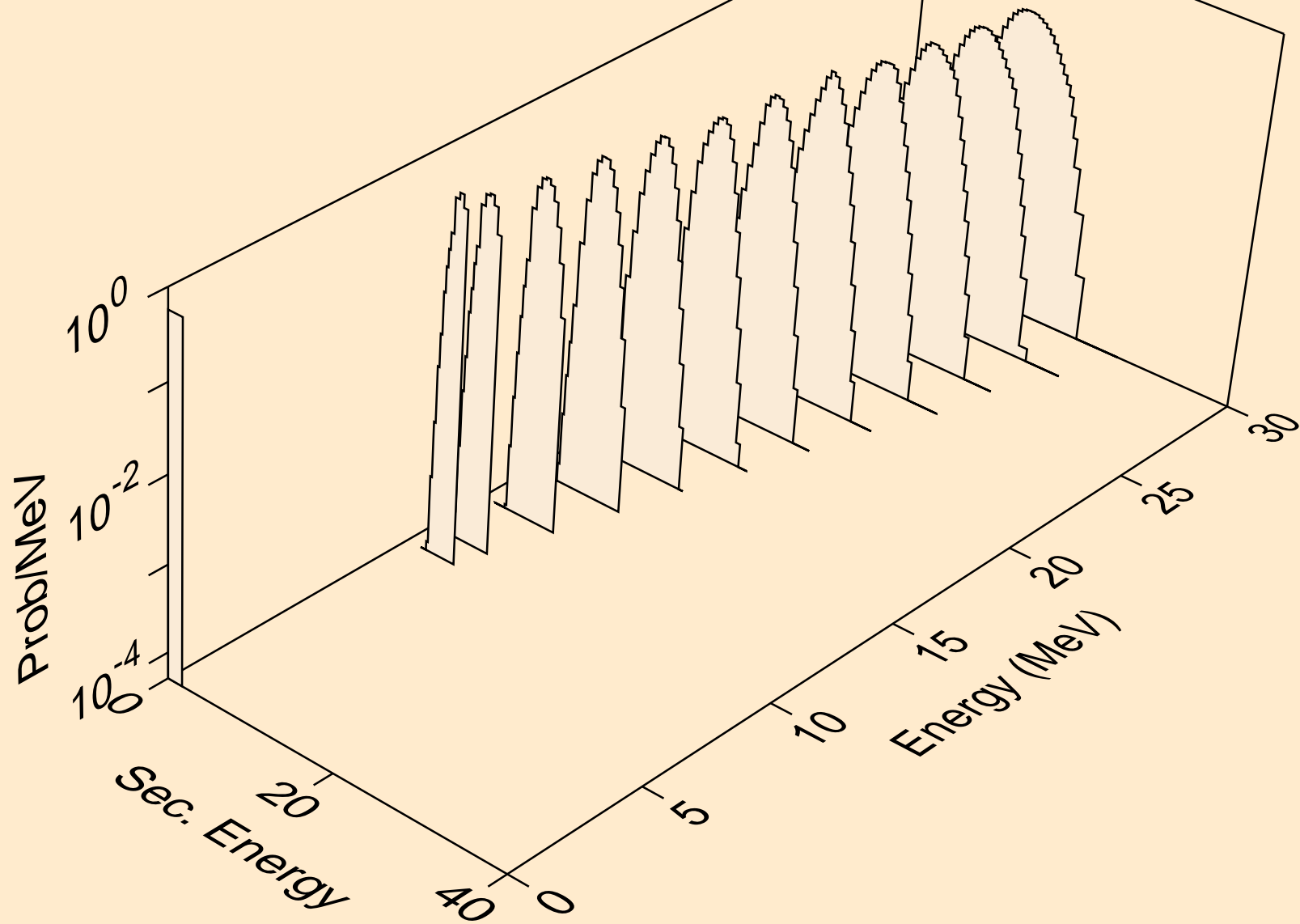


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deuterons from (n,pd)

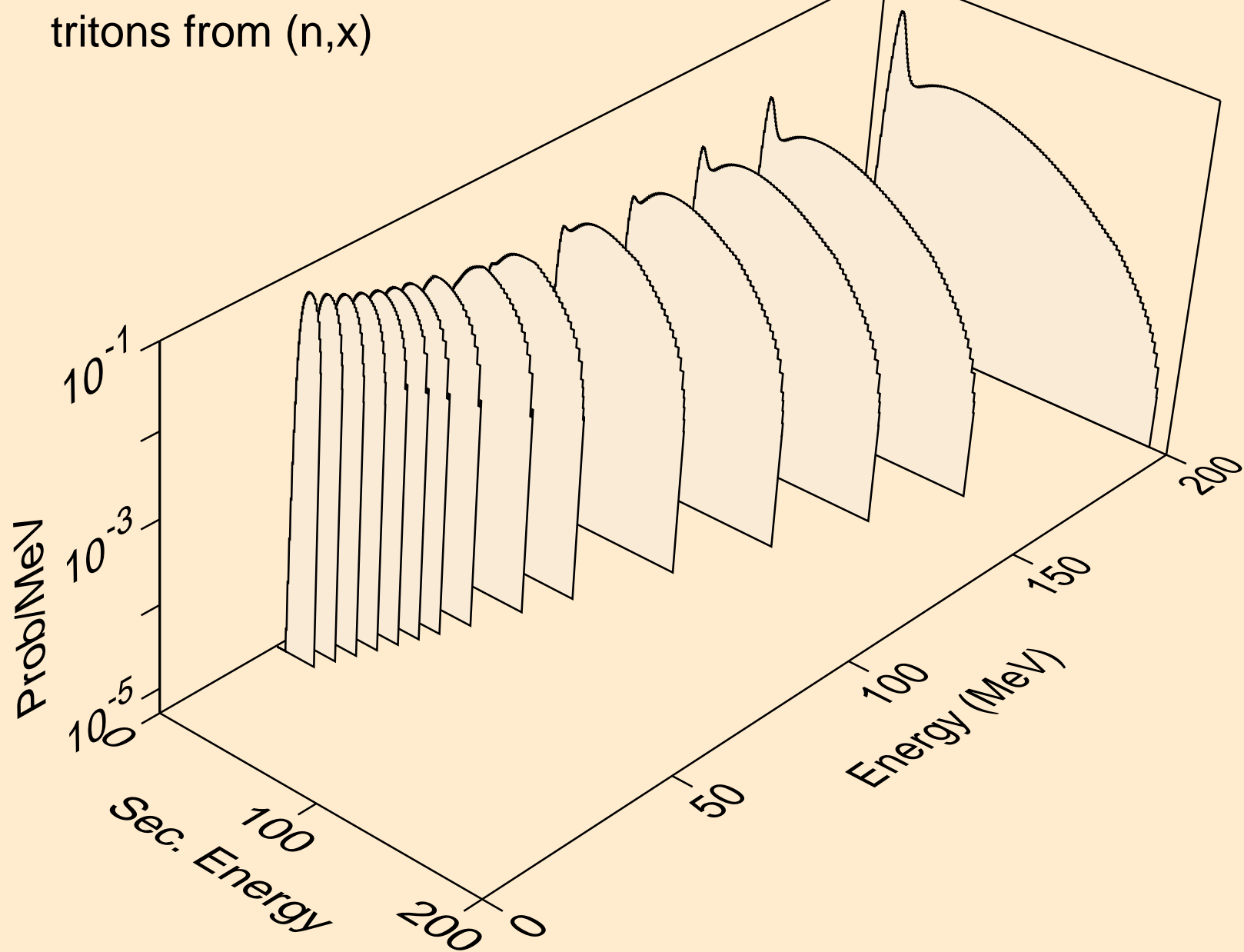




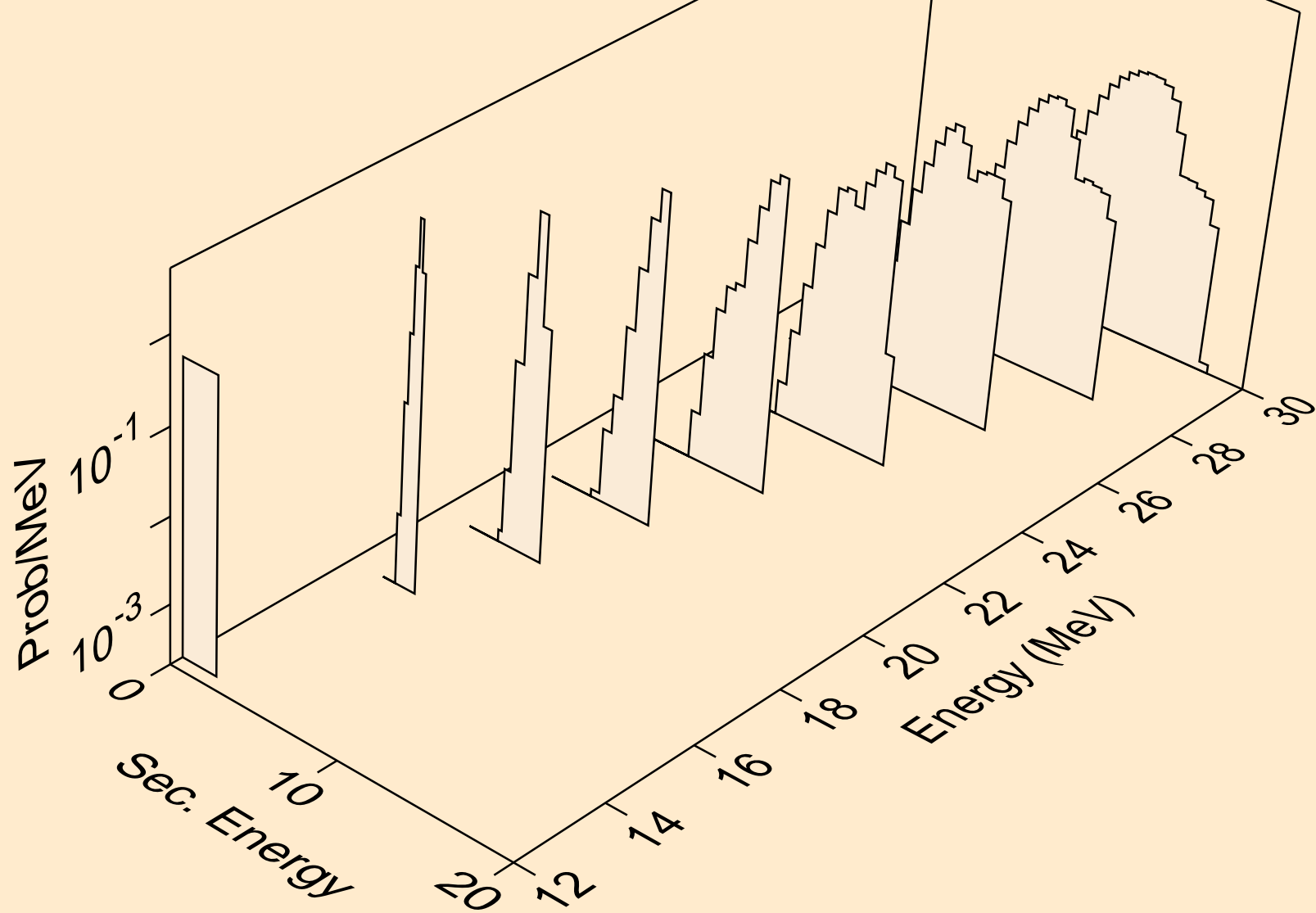
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deuterons from (n,da)



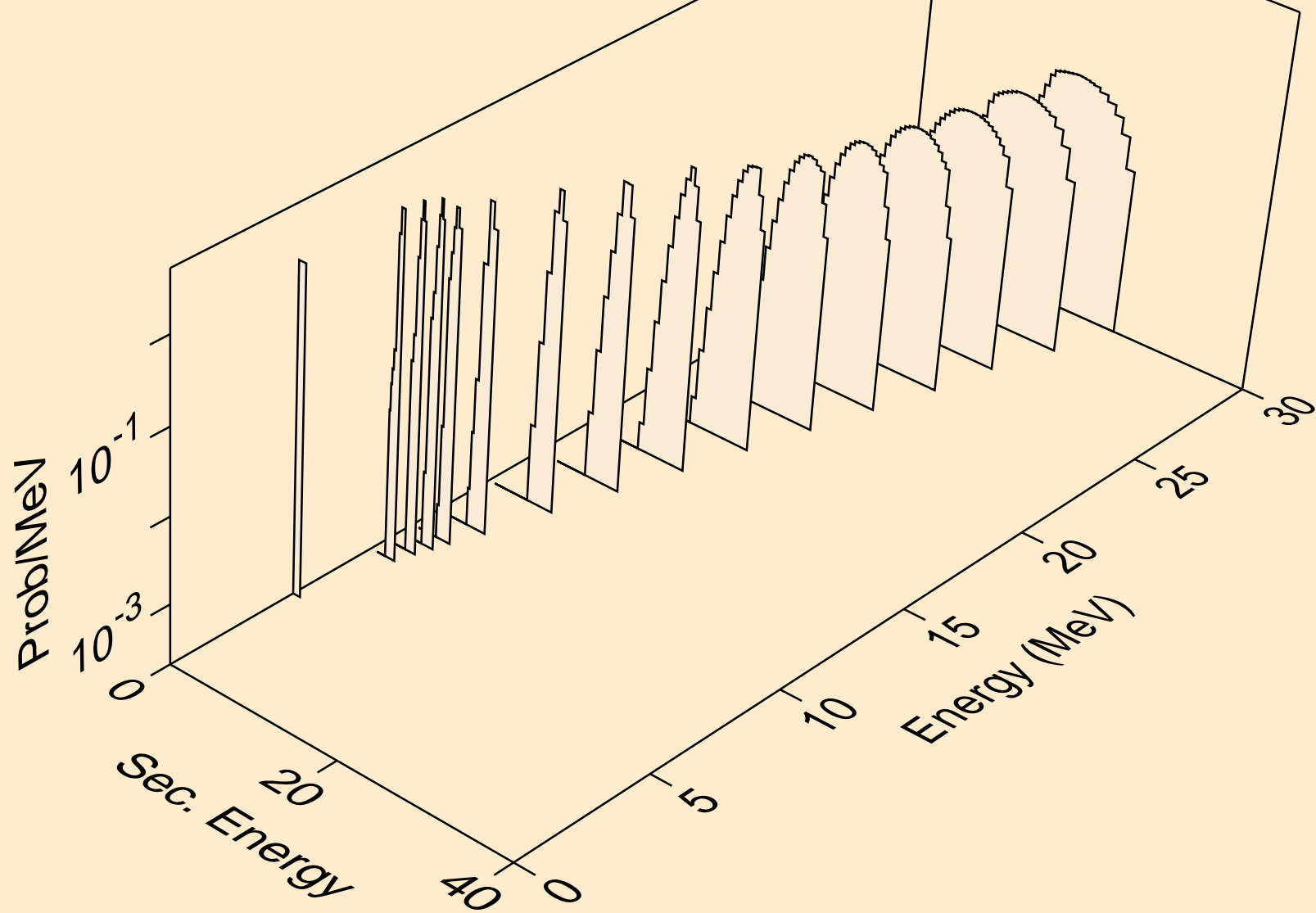
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tritons from (n,x)



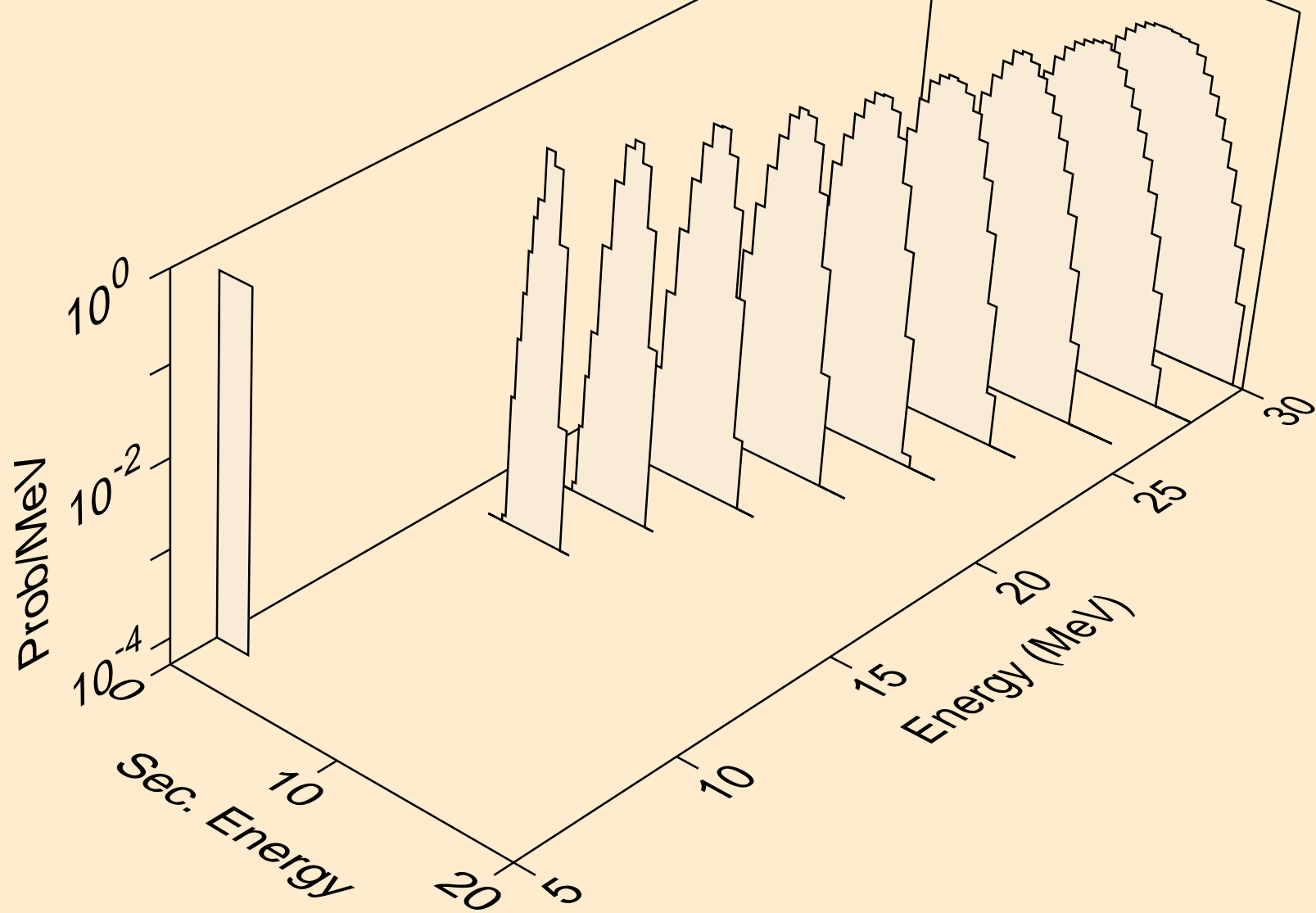
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tritons from (n,n\*)t



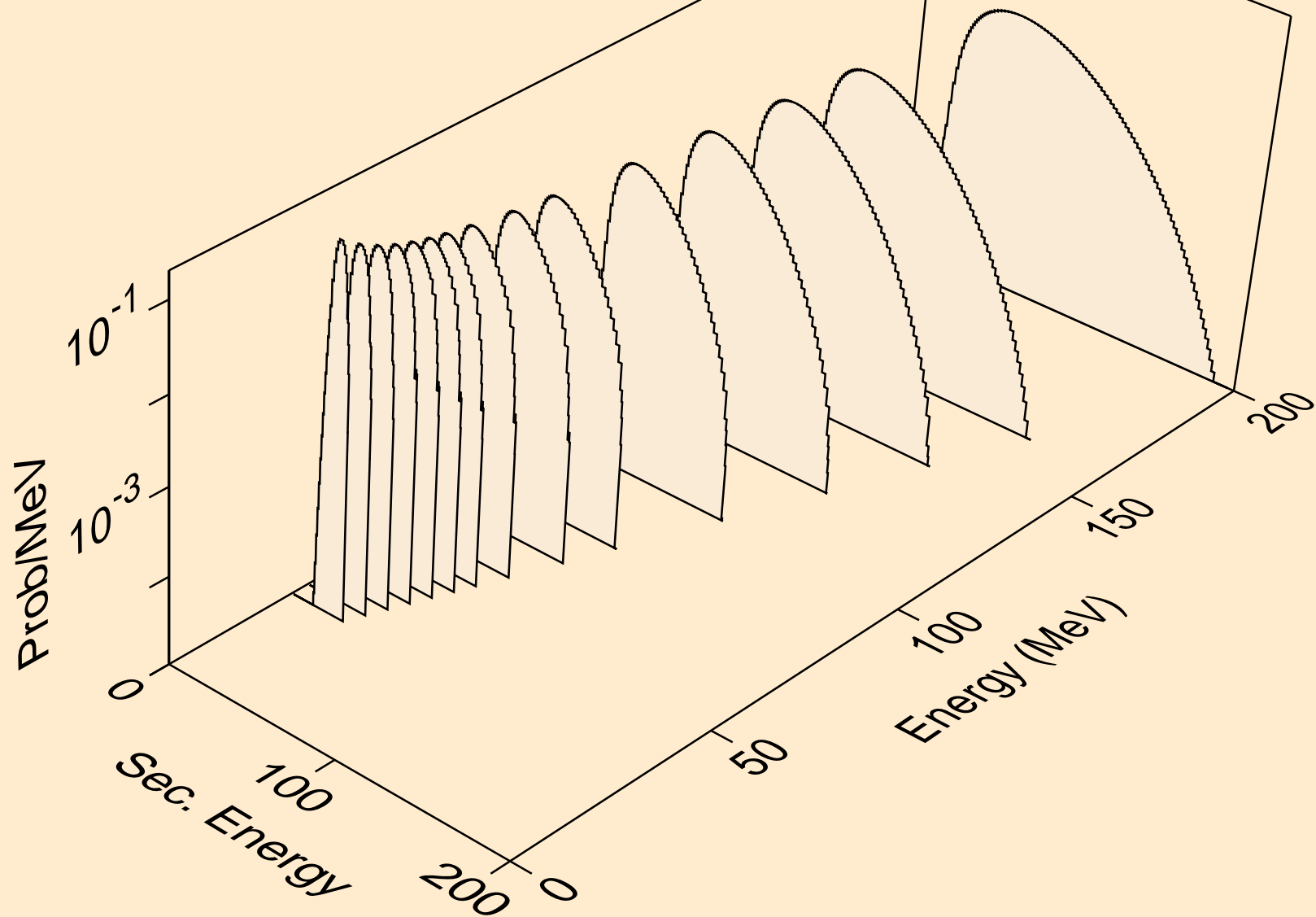
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tritons from (n,t)



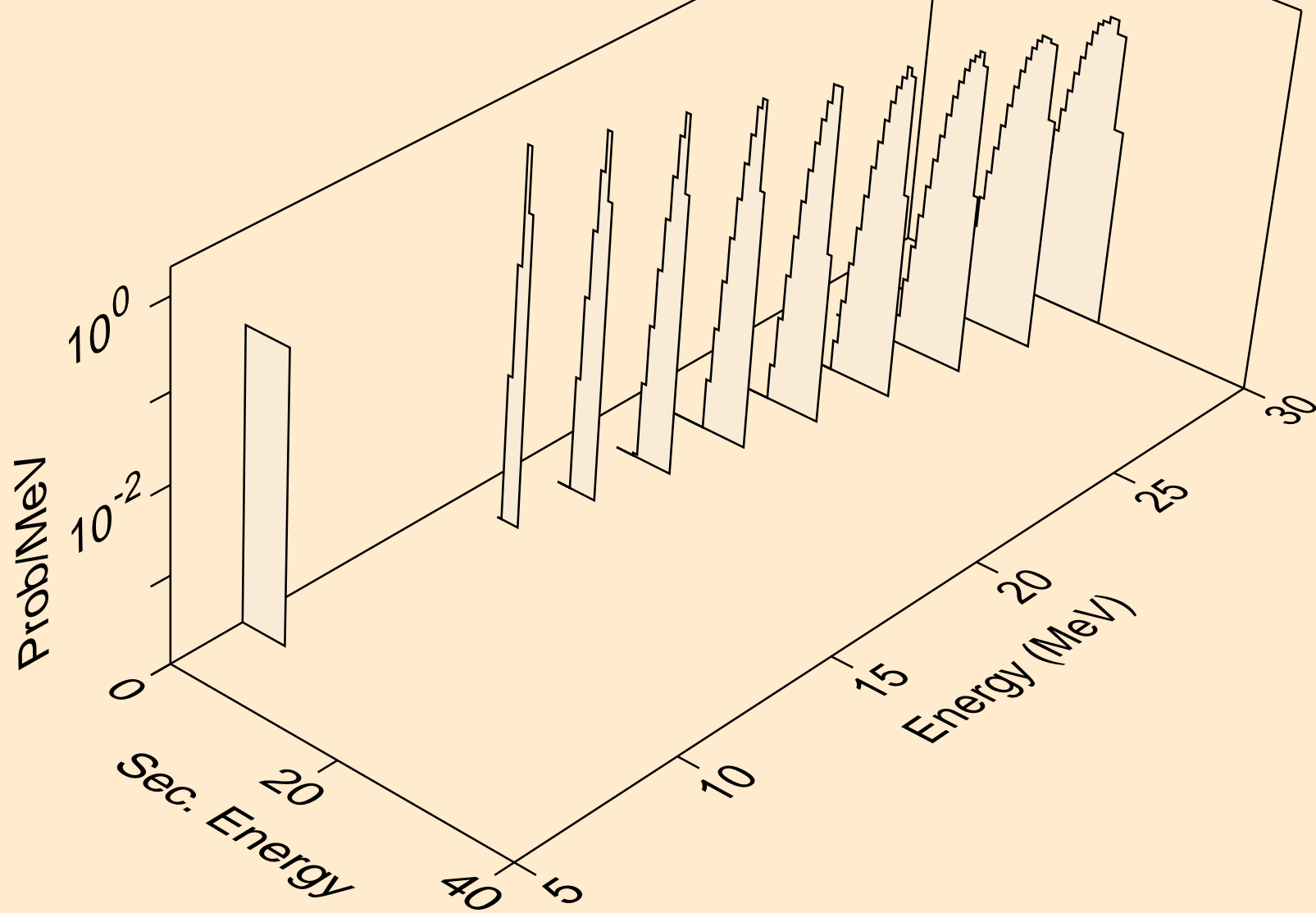
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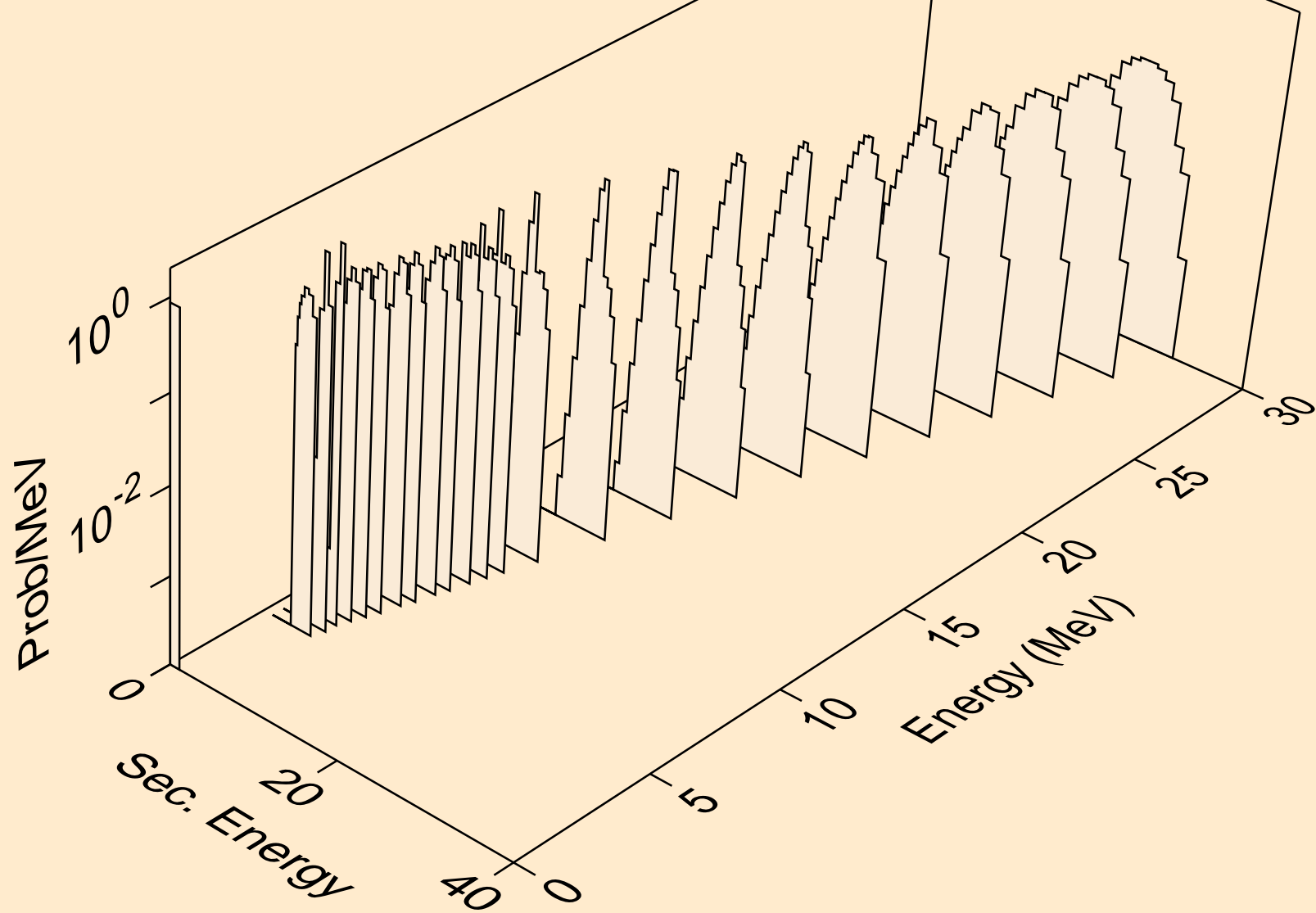
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

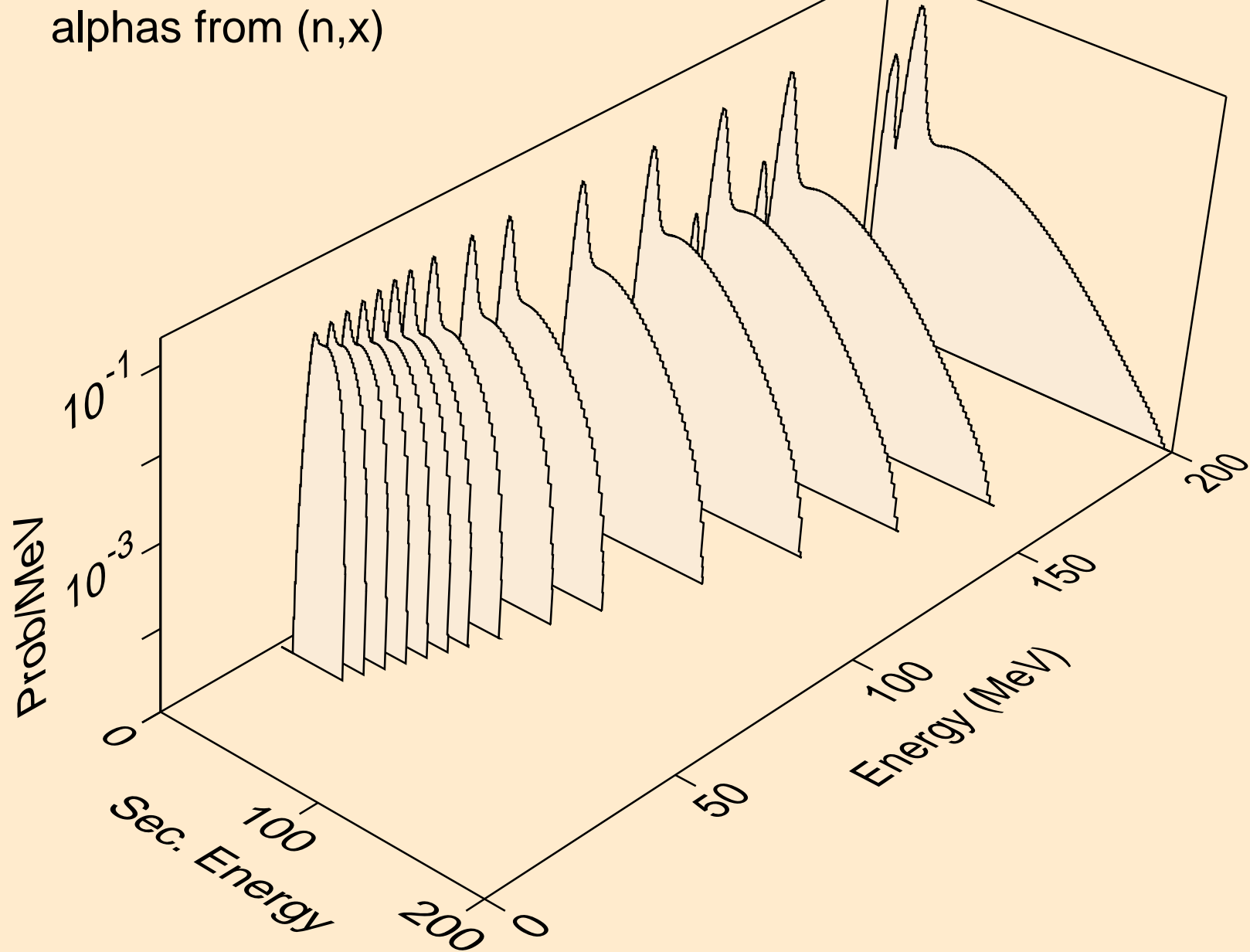


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he3s from (n,he3)

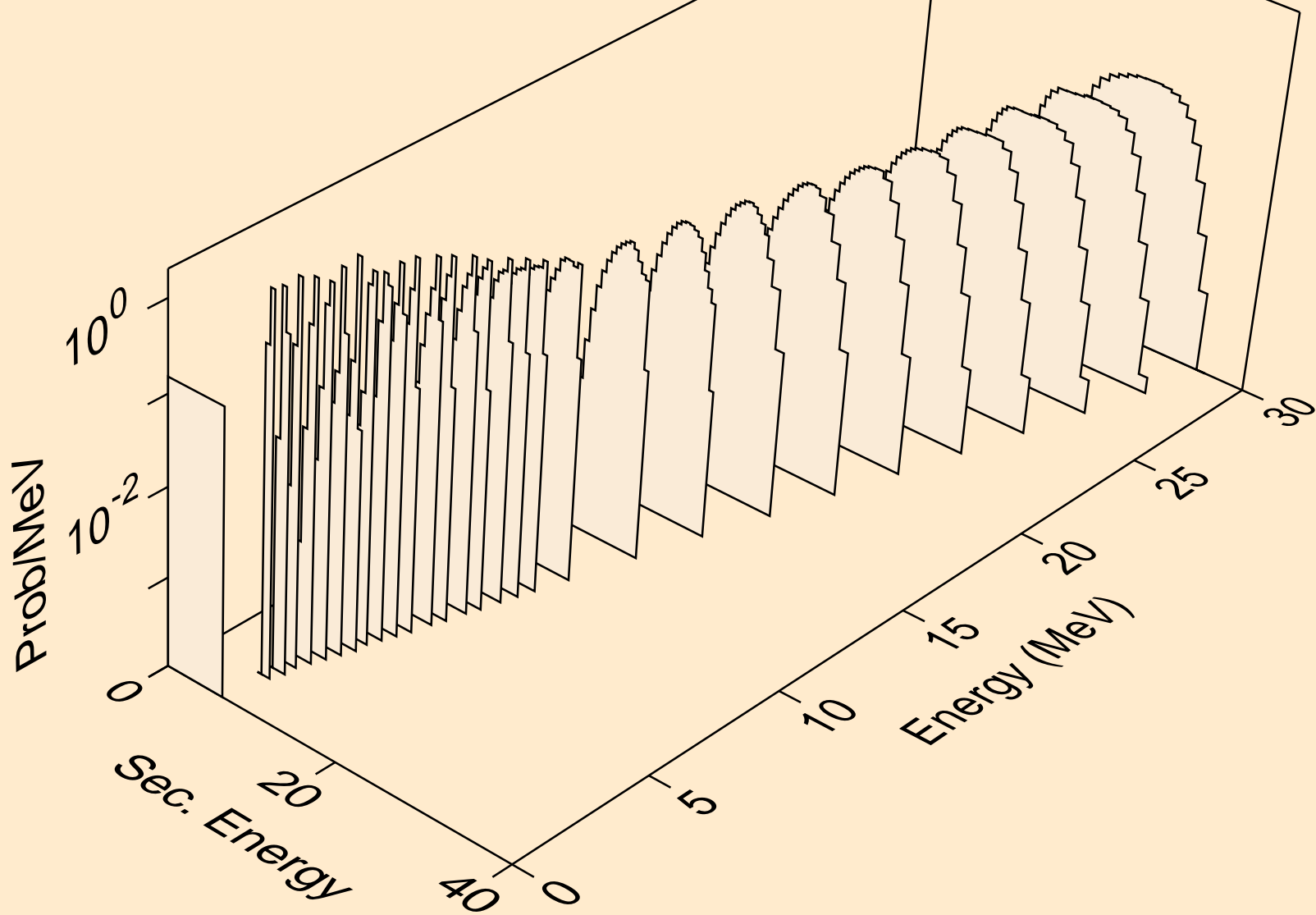




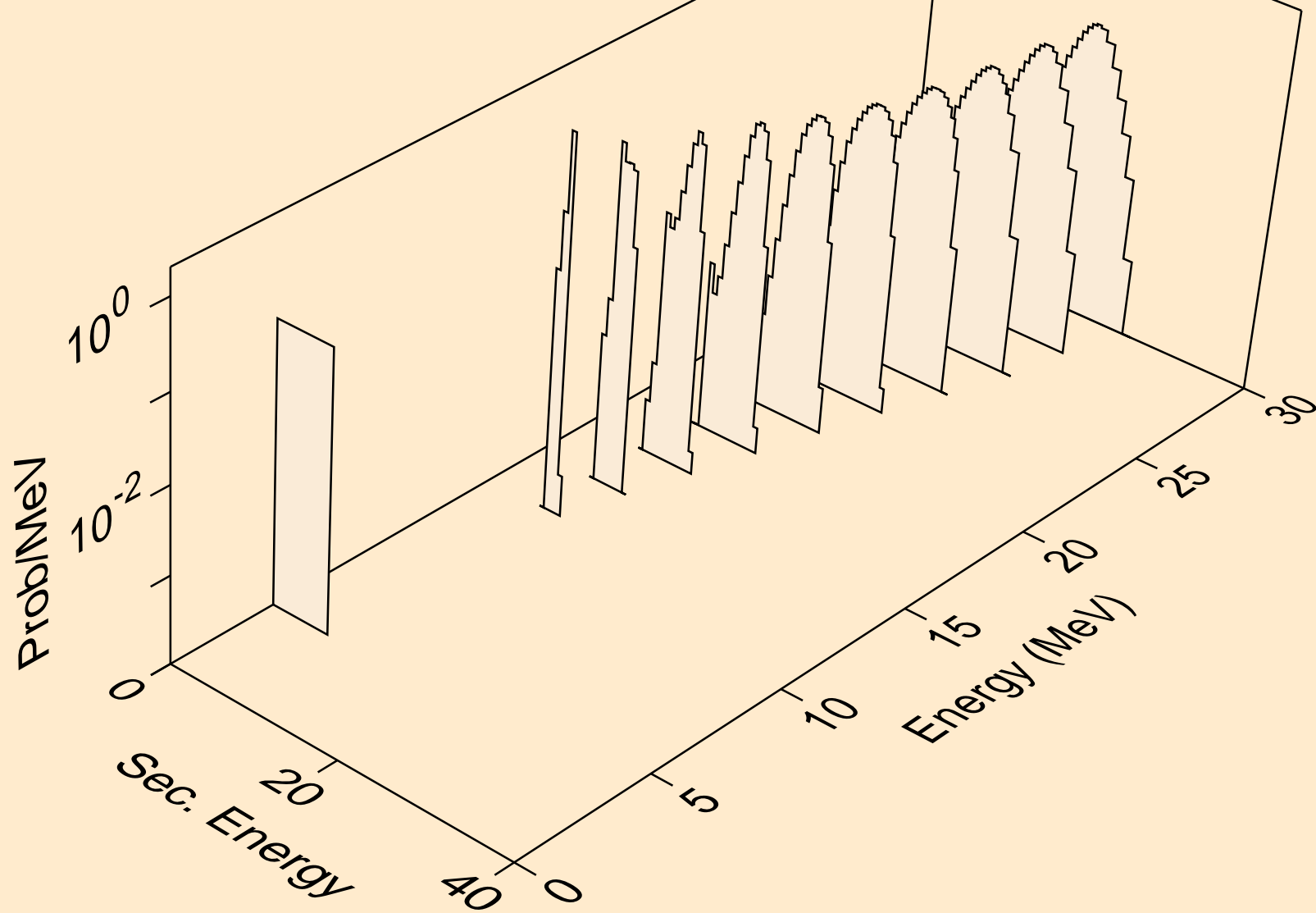
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



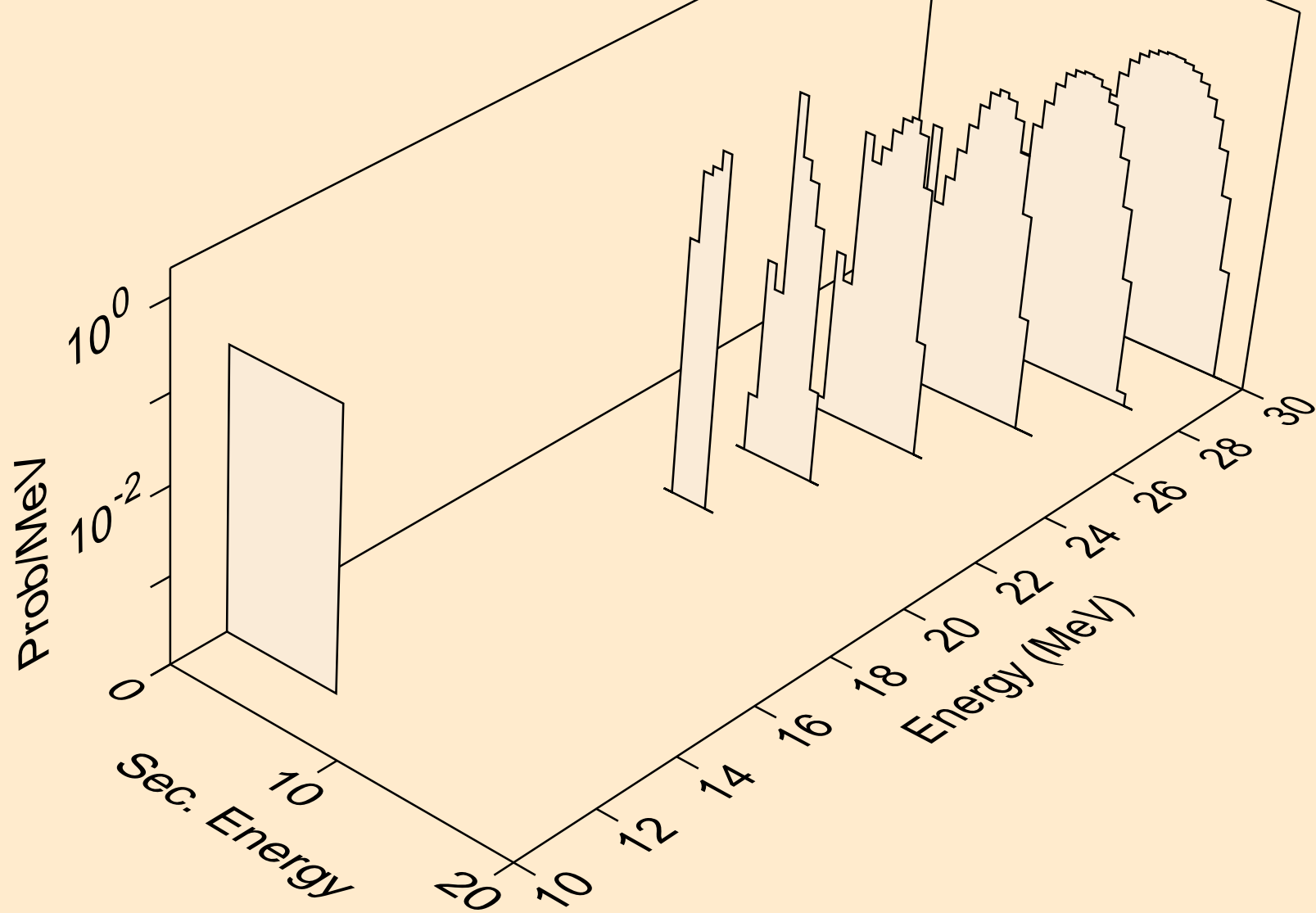
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



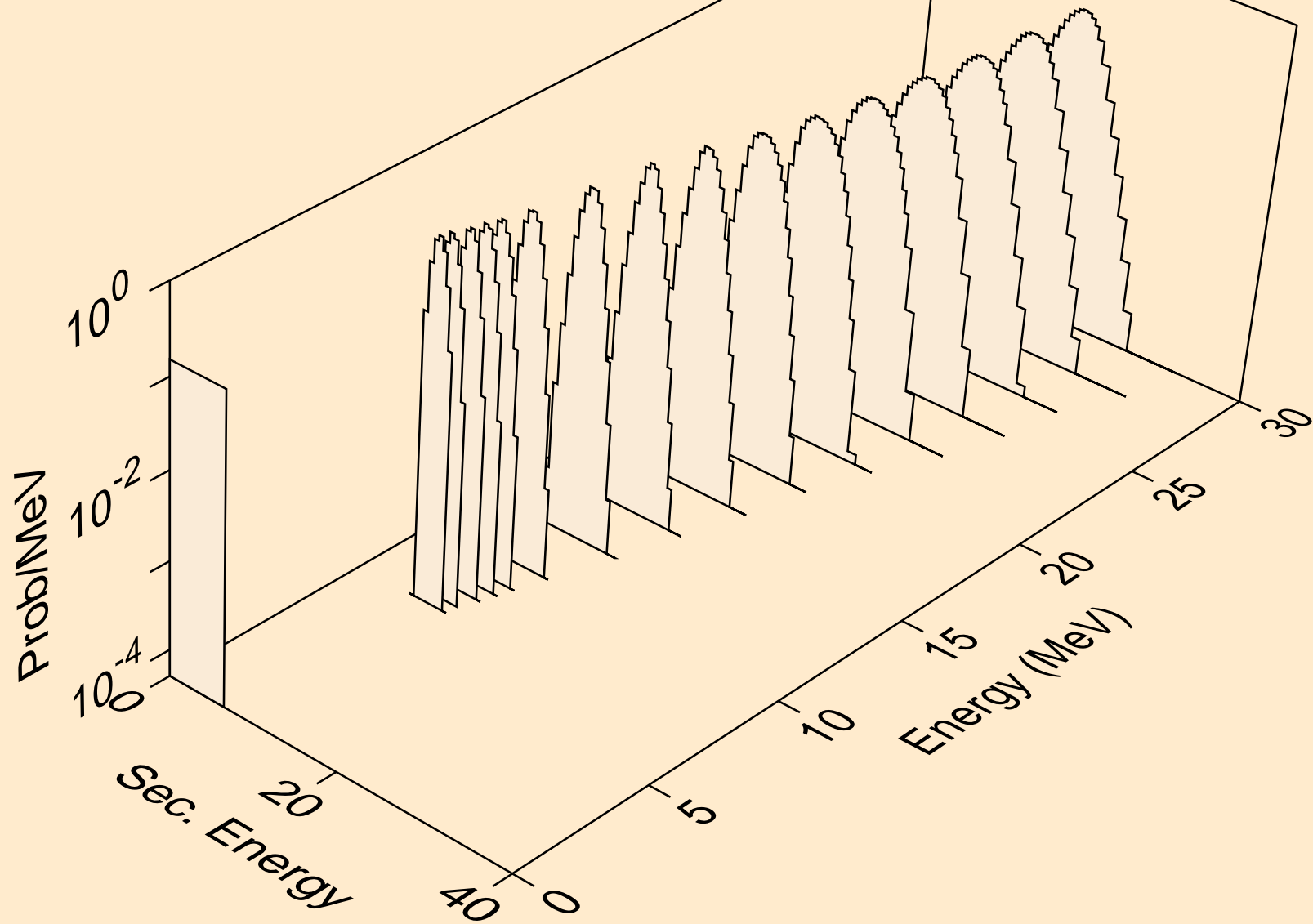
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



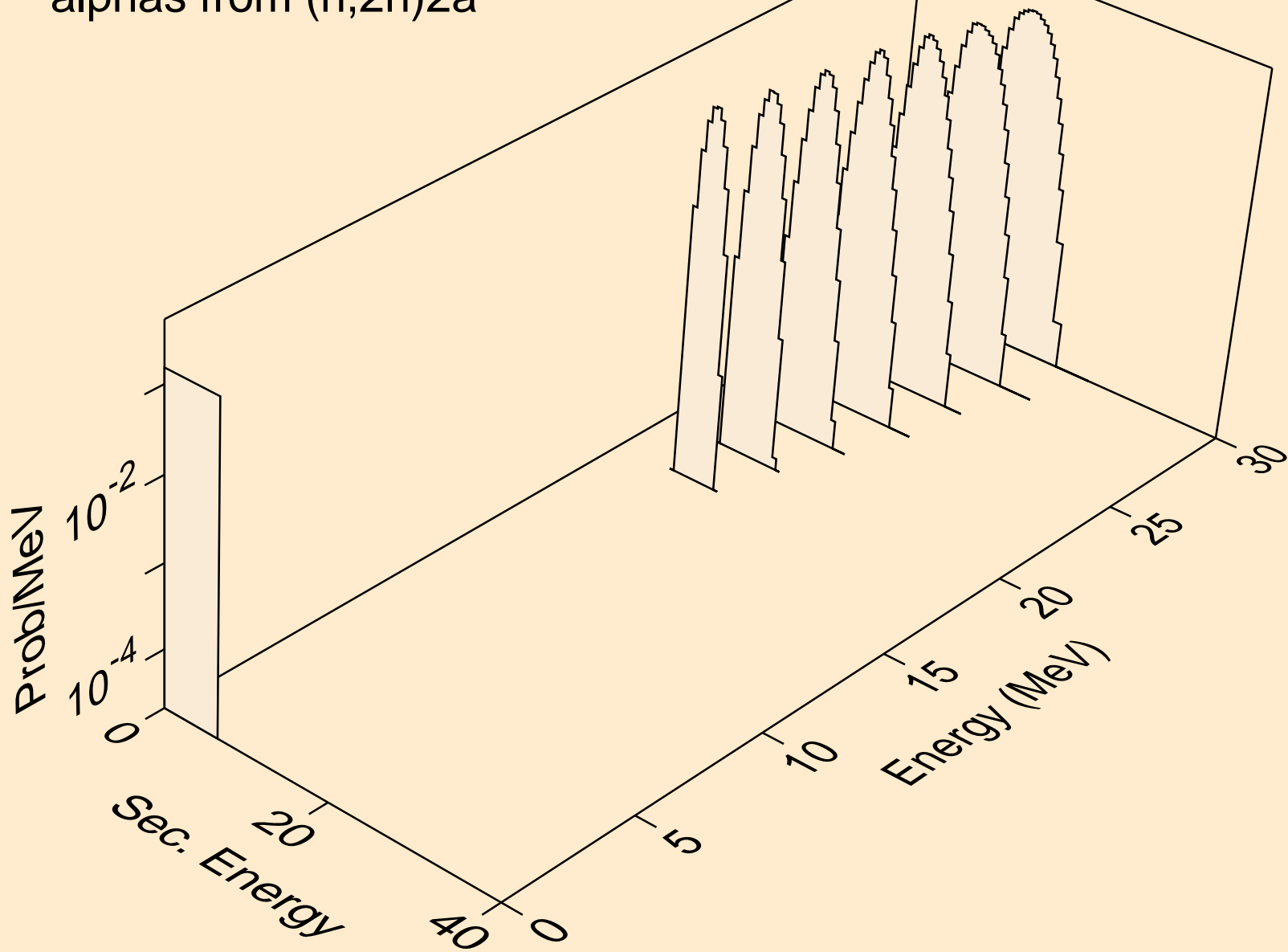
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alphas from (n,3n)a



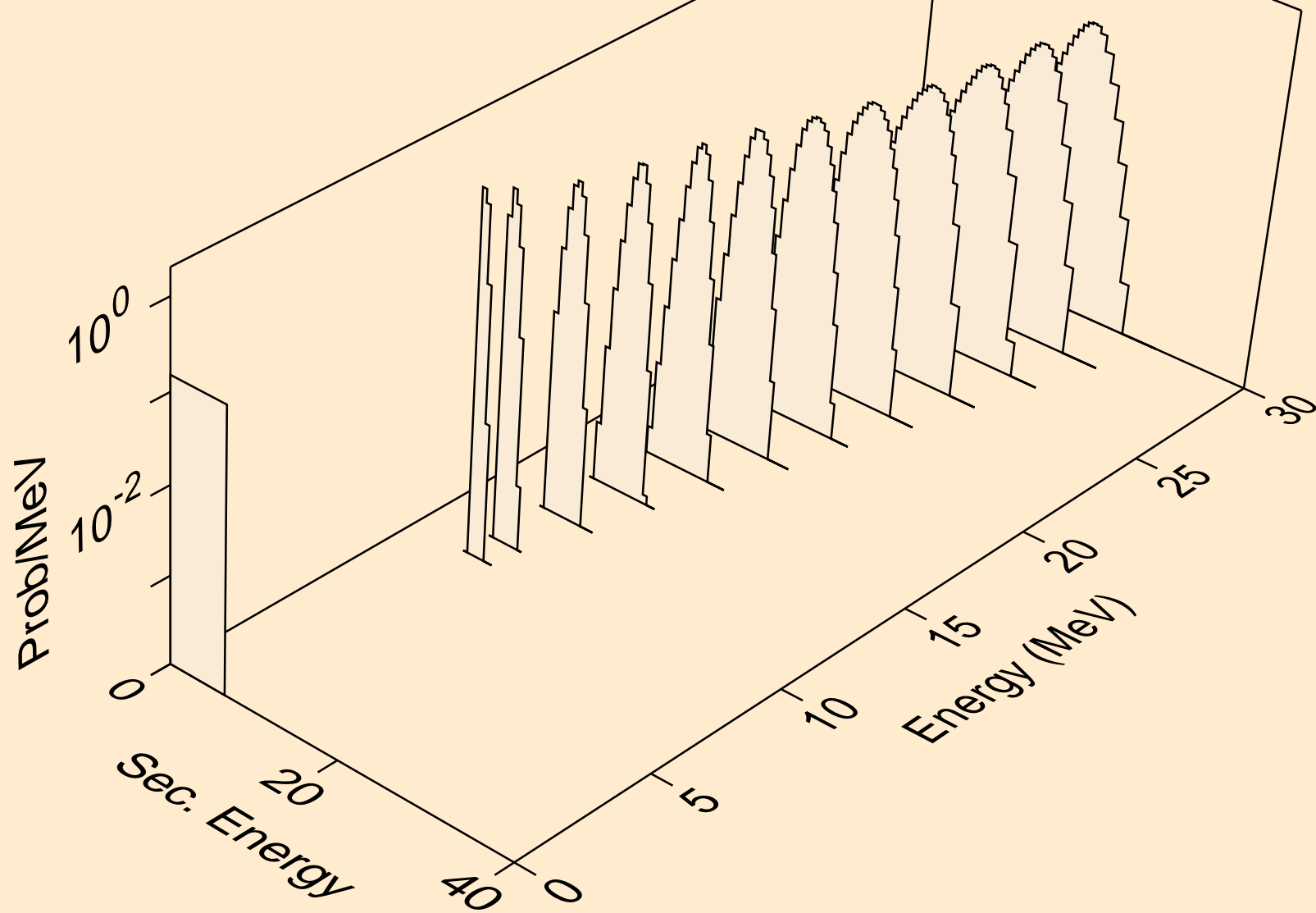
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



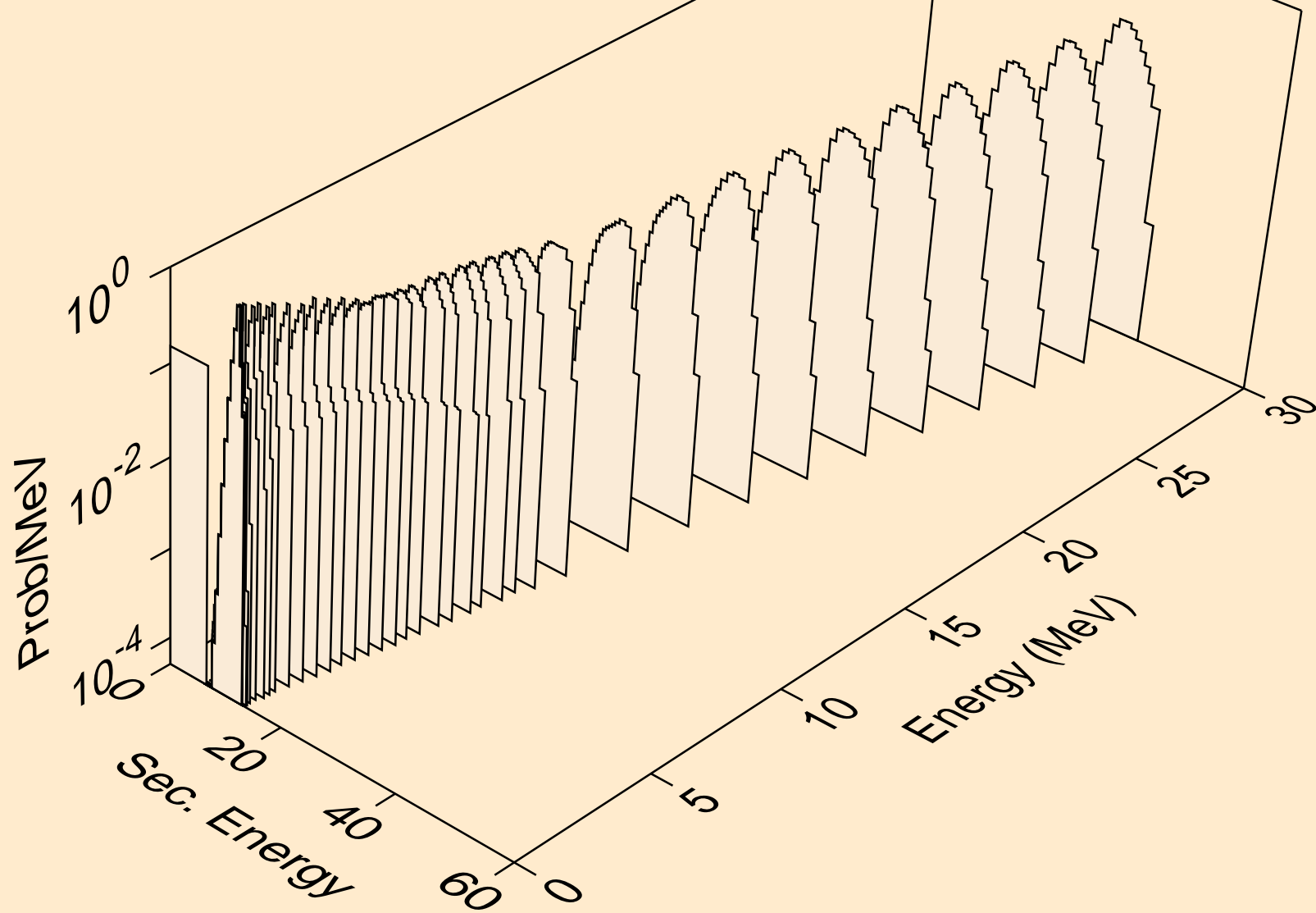
PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

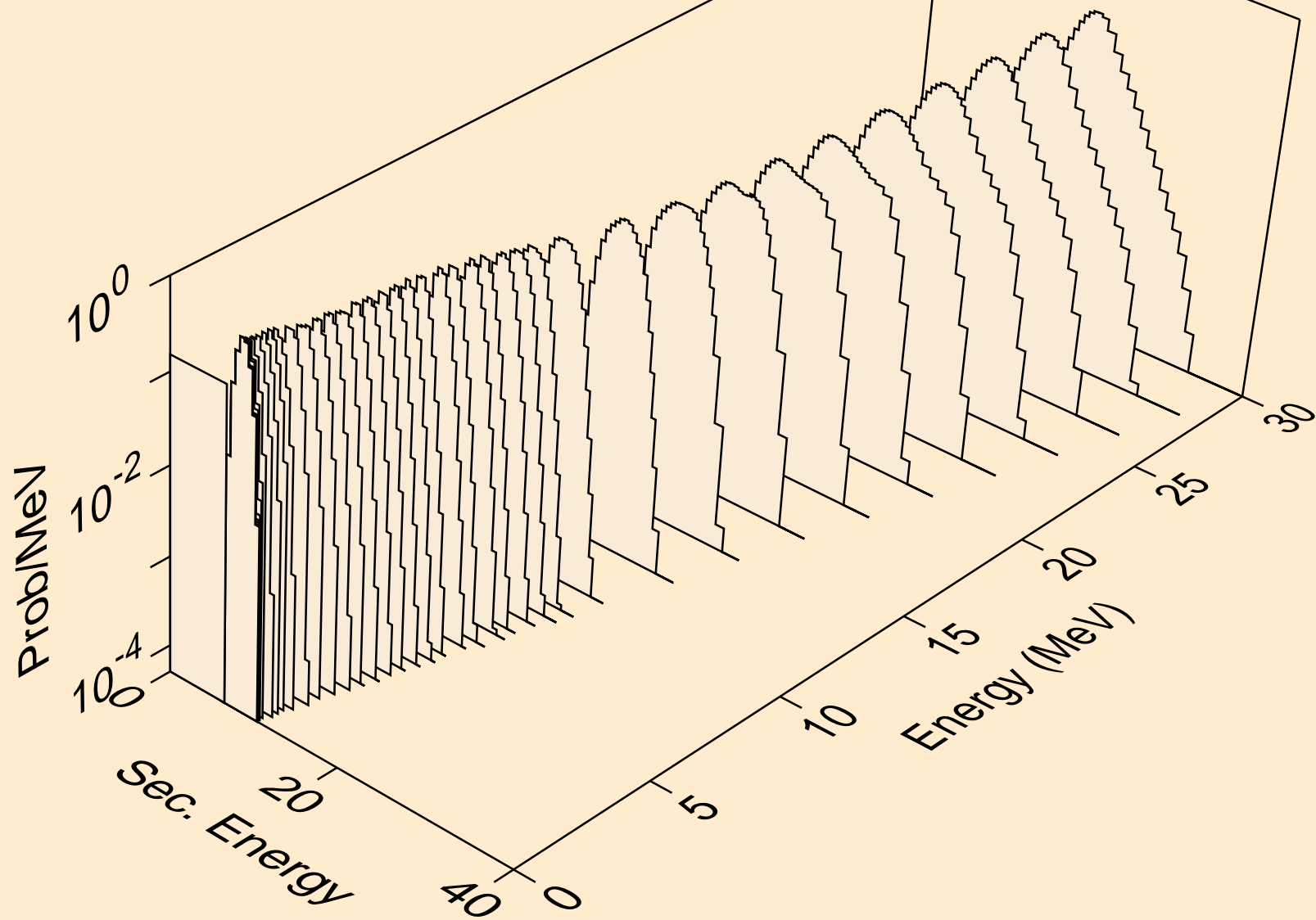


PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

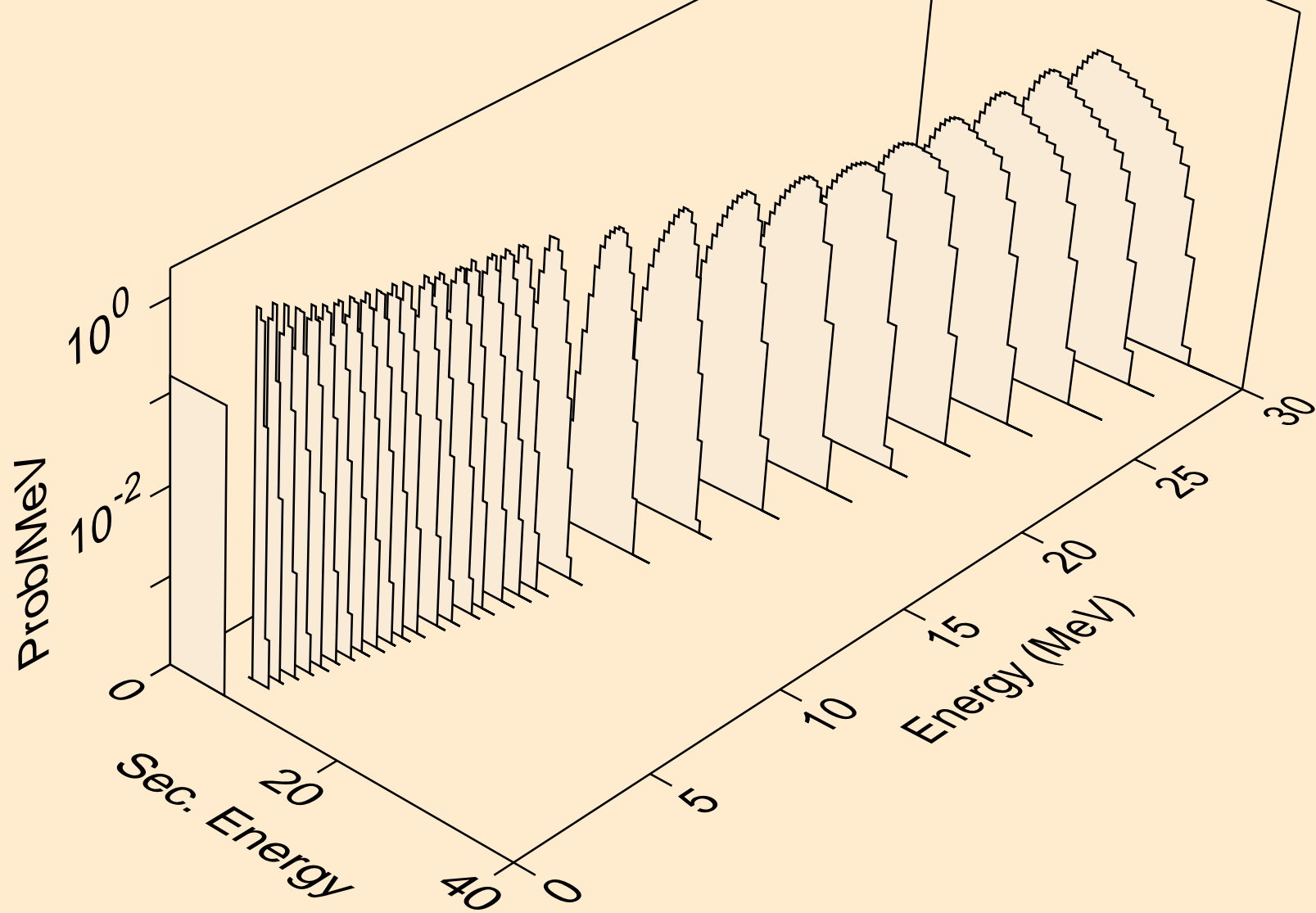




PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



PO200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

