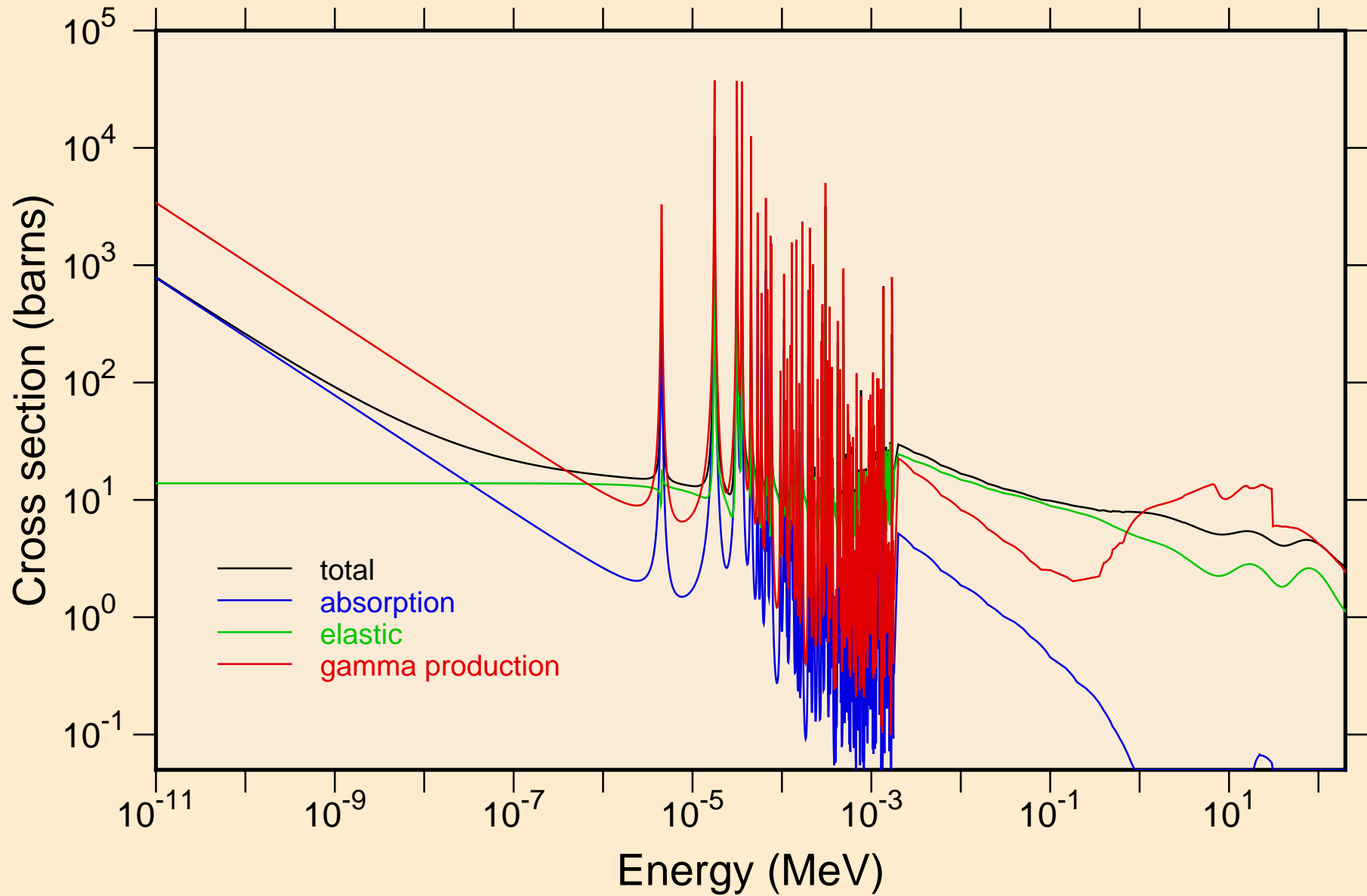
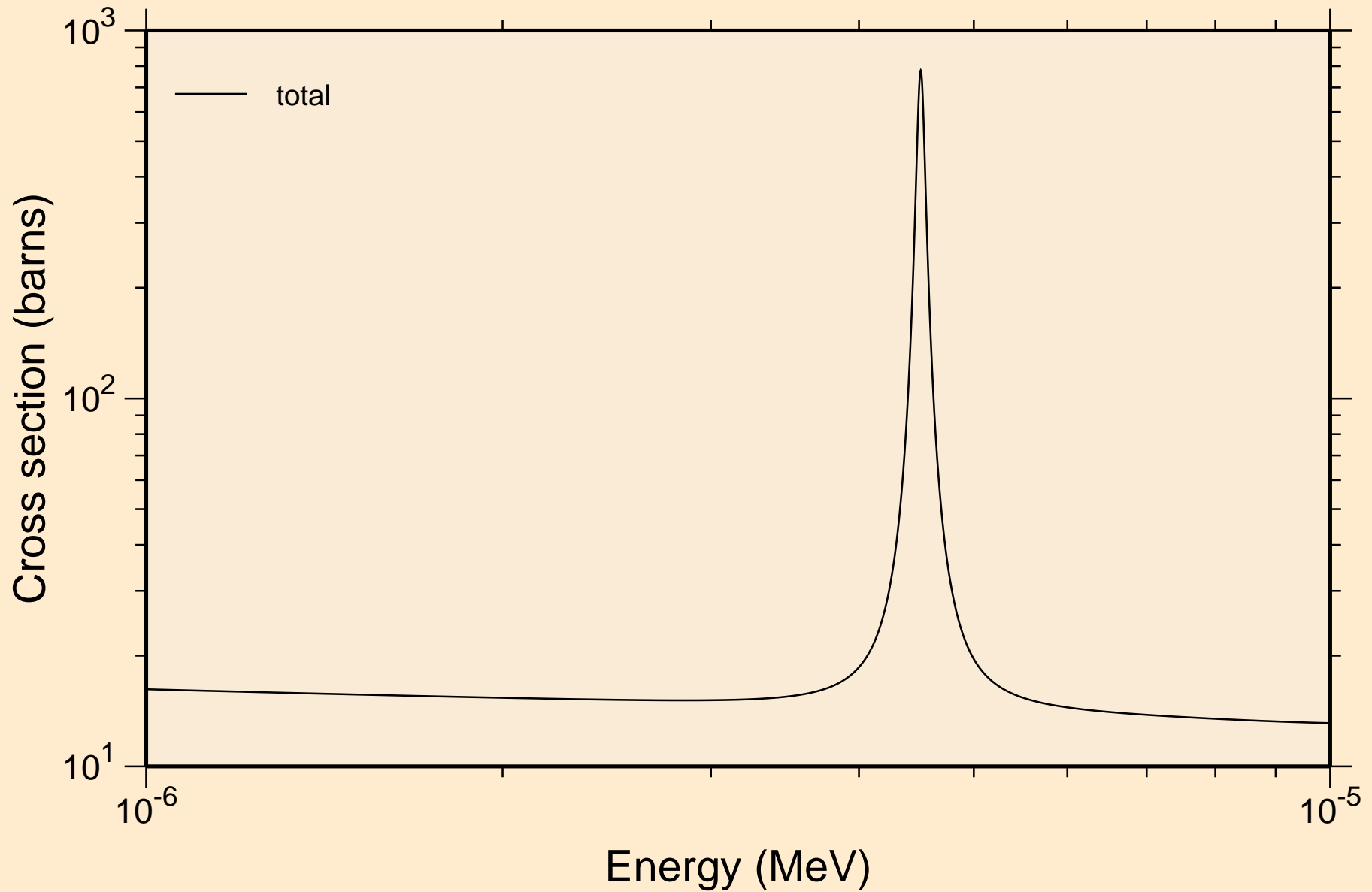


# YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

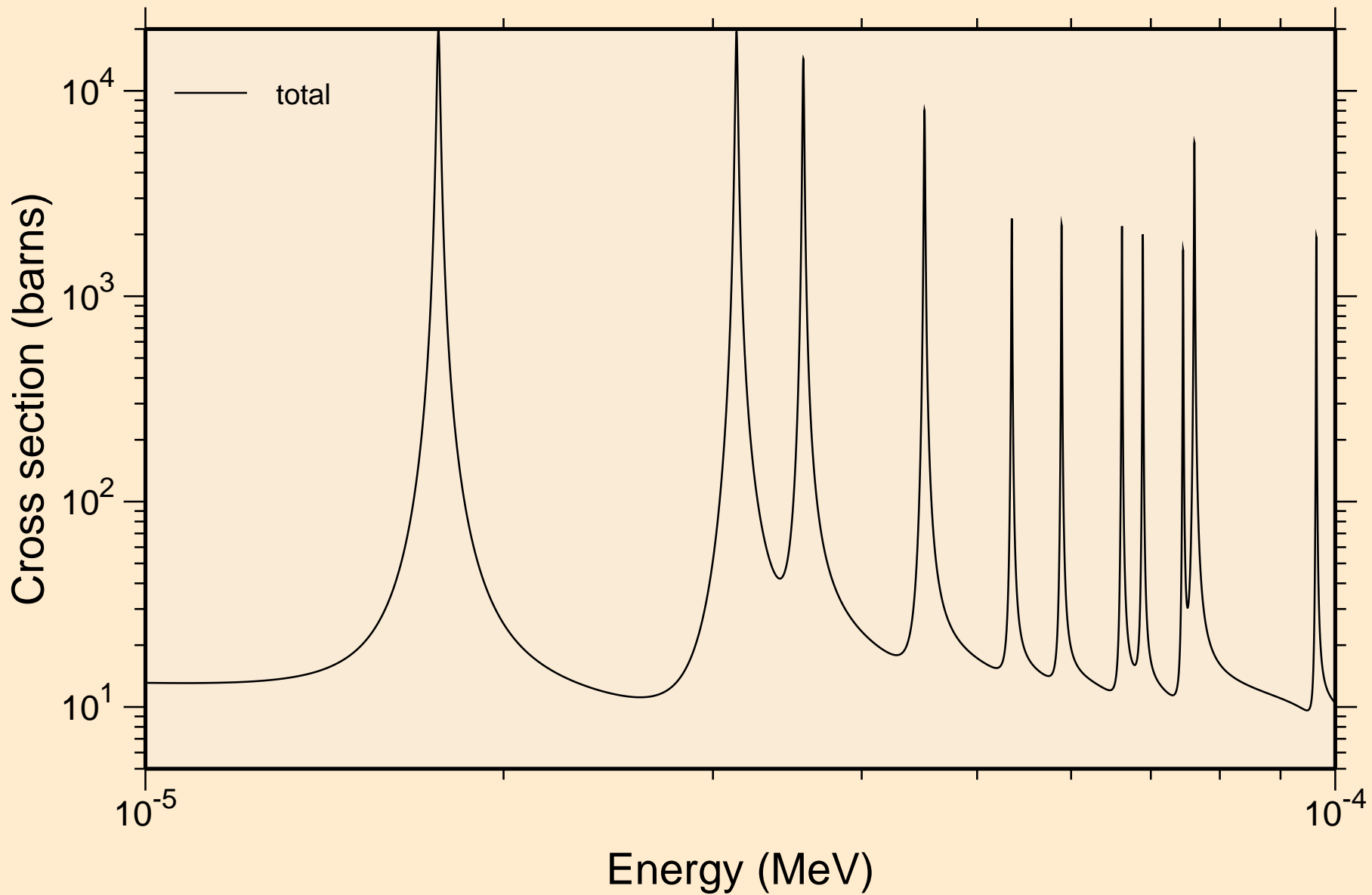
## Principal cross sections



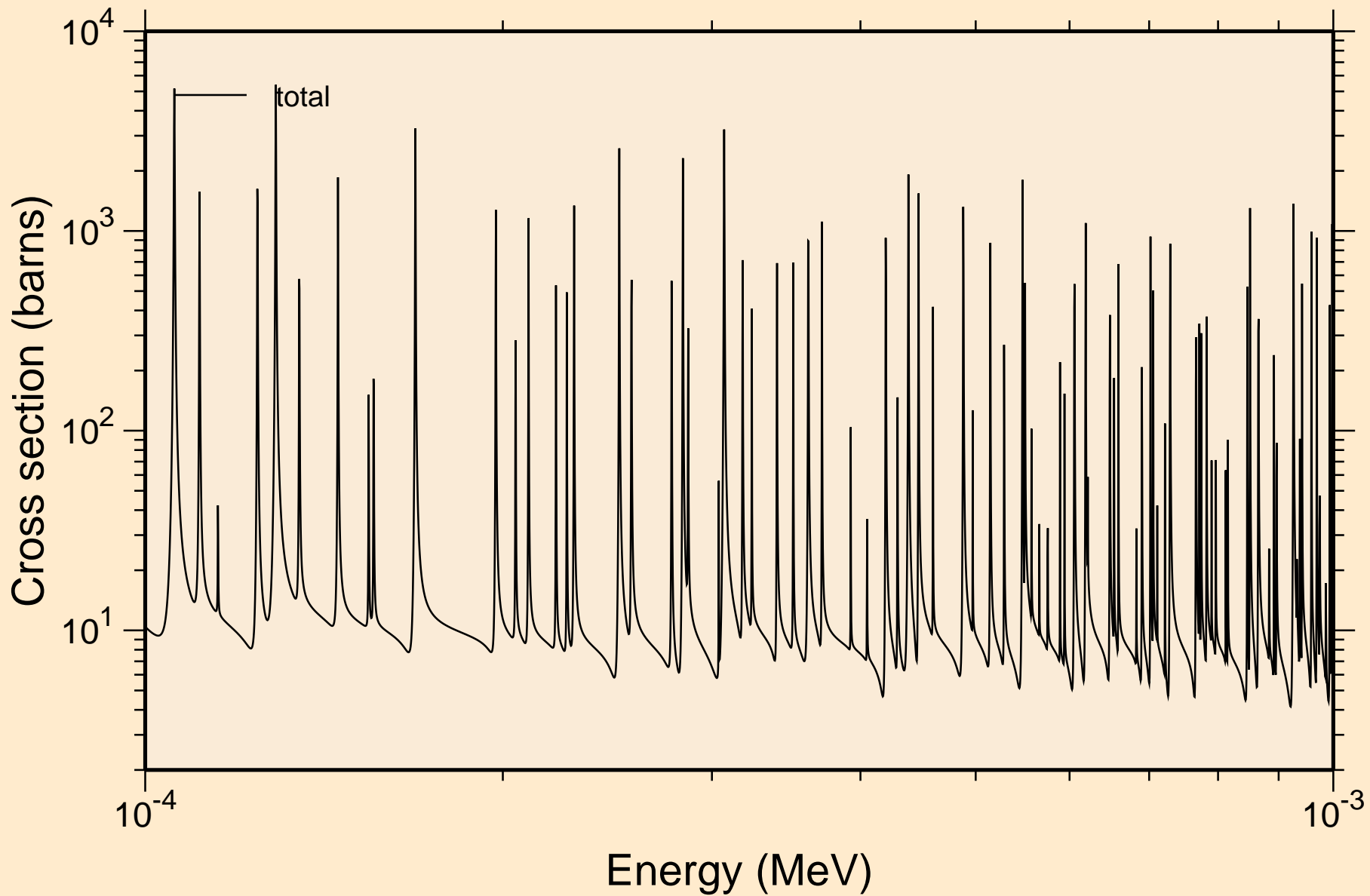
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



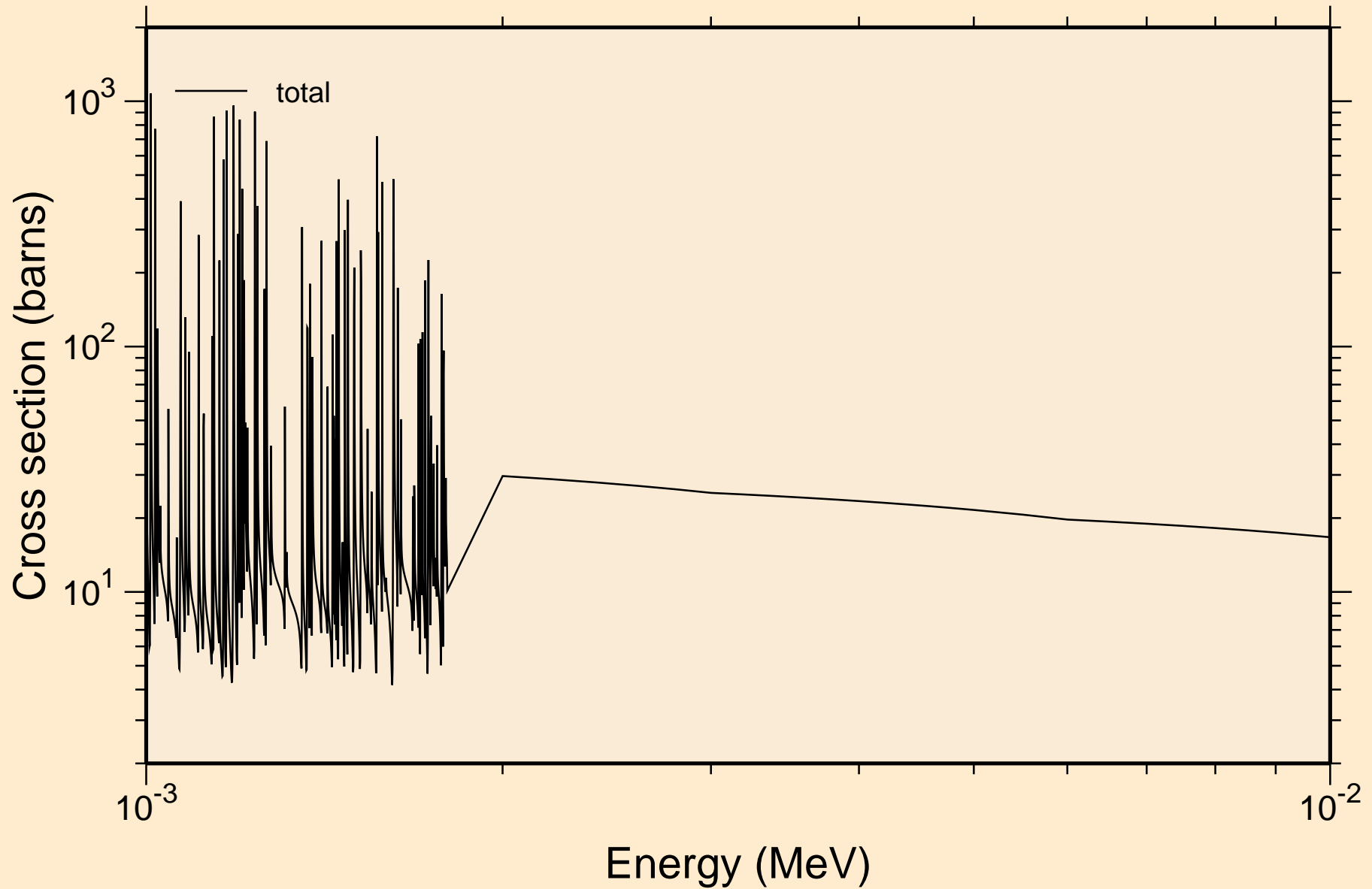
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resonance total cross section



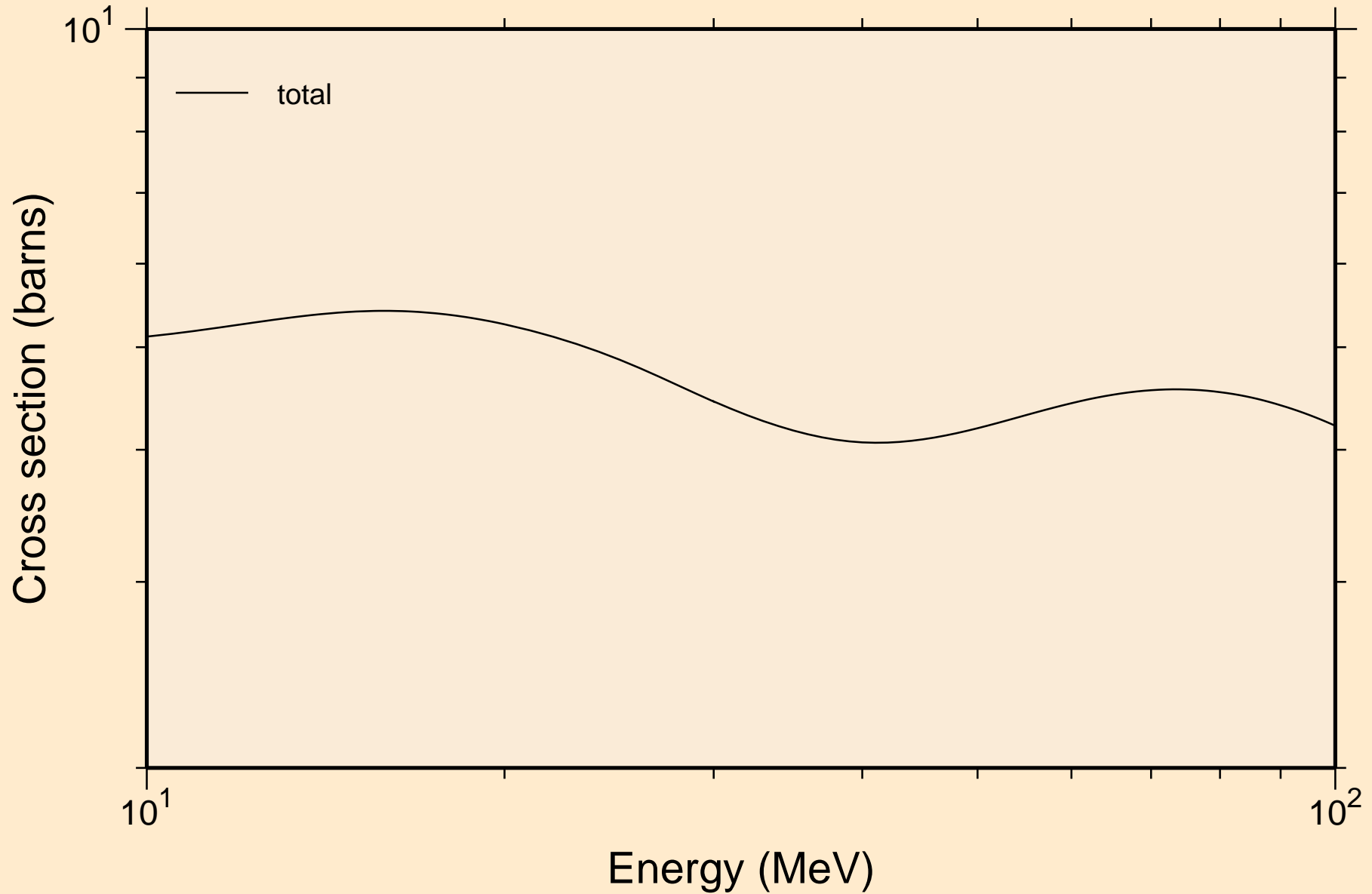
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resonance total cross section



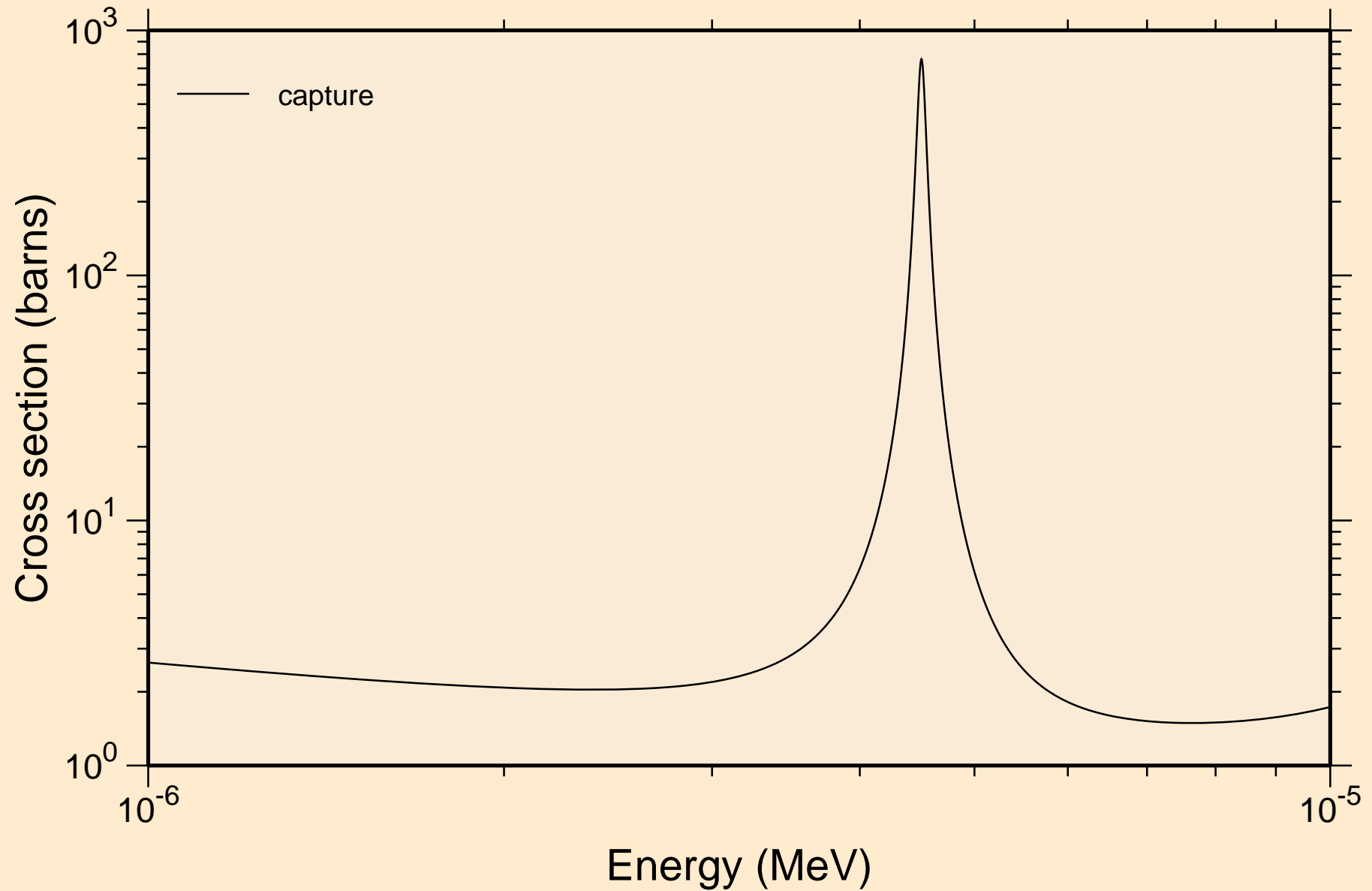
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



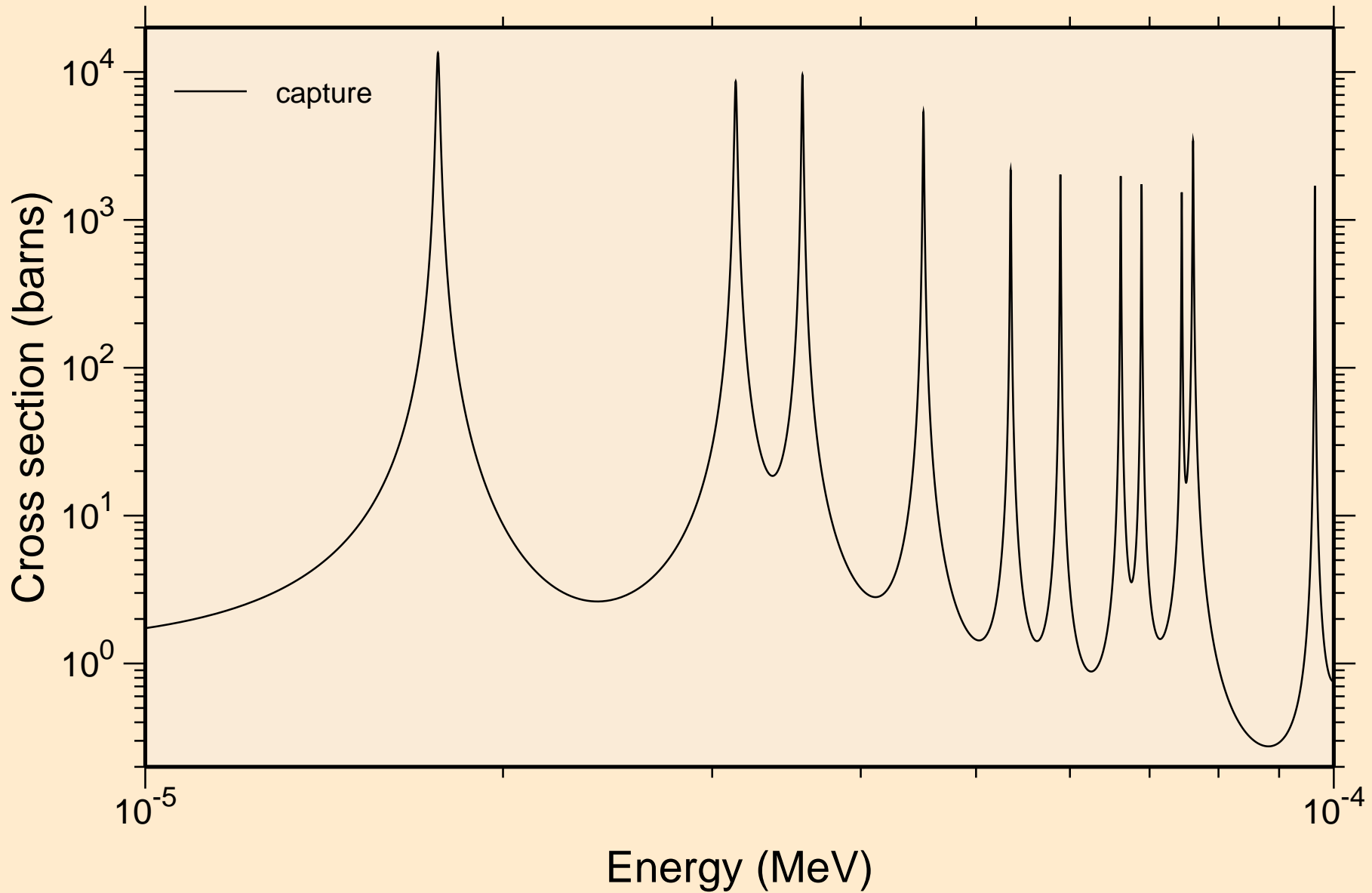
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

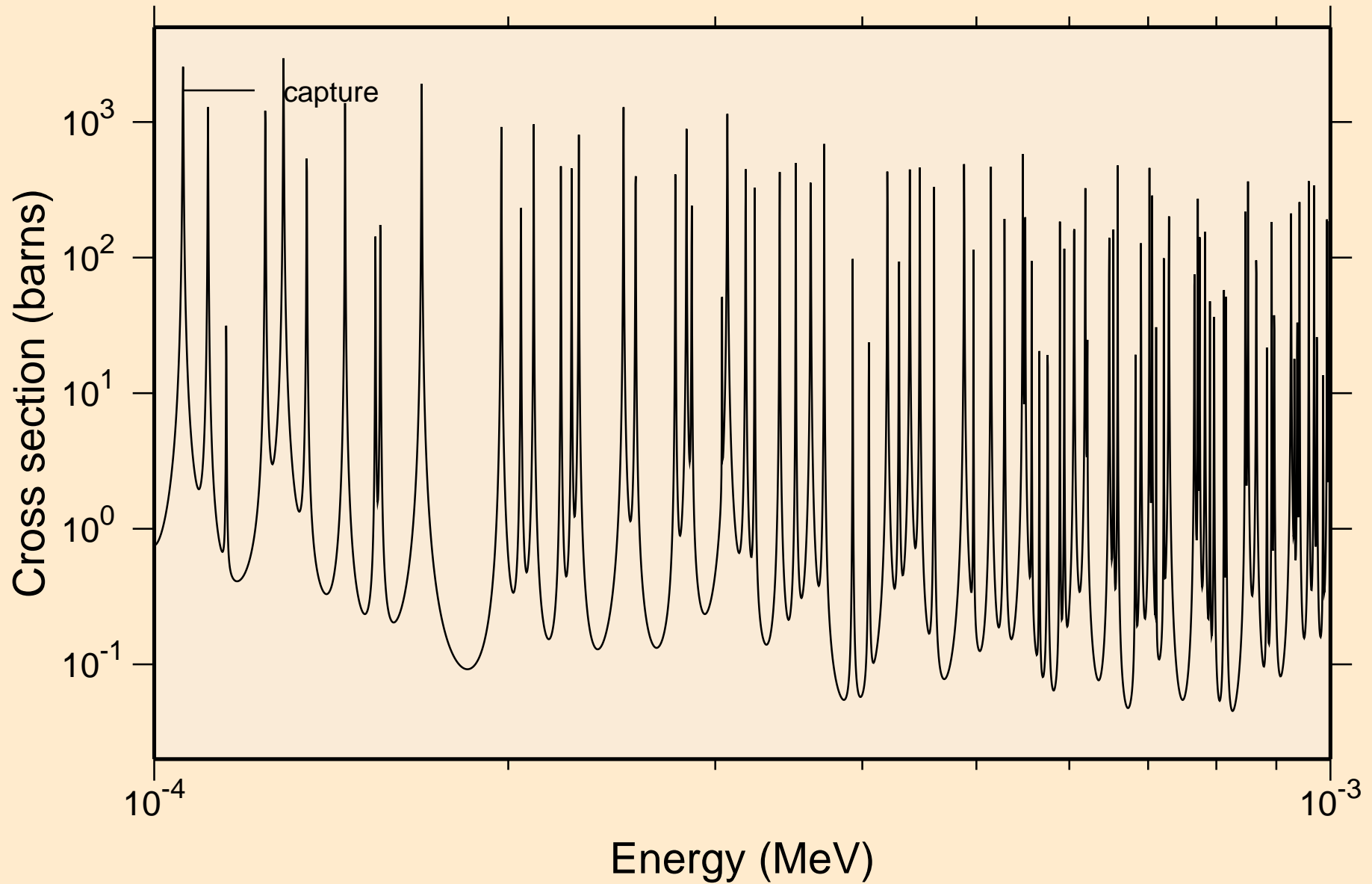


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

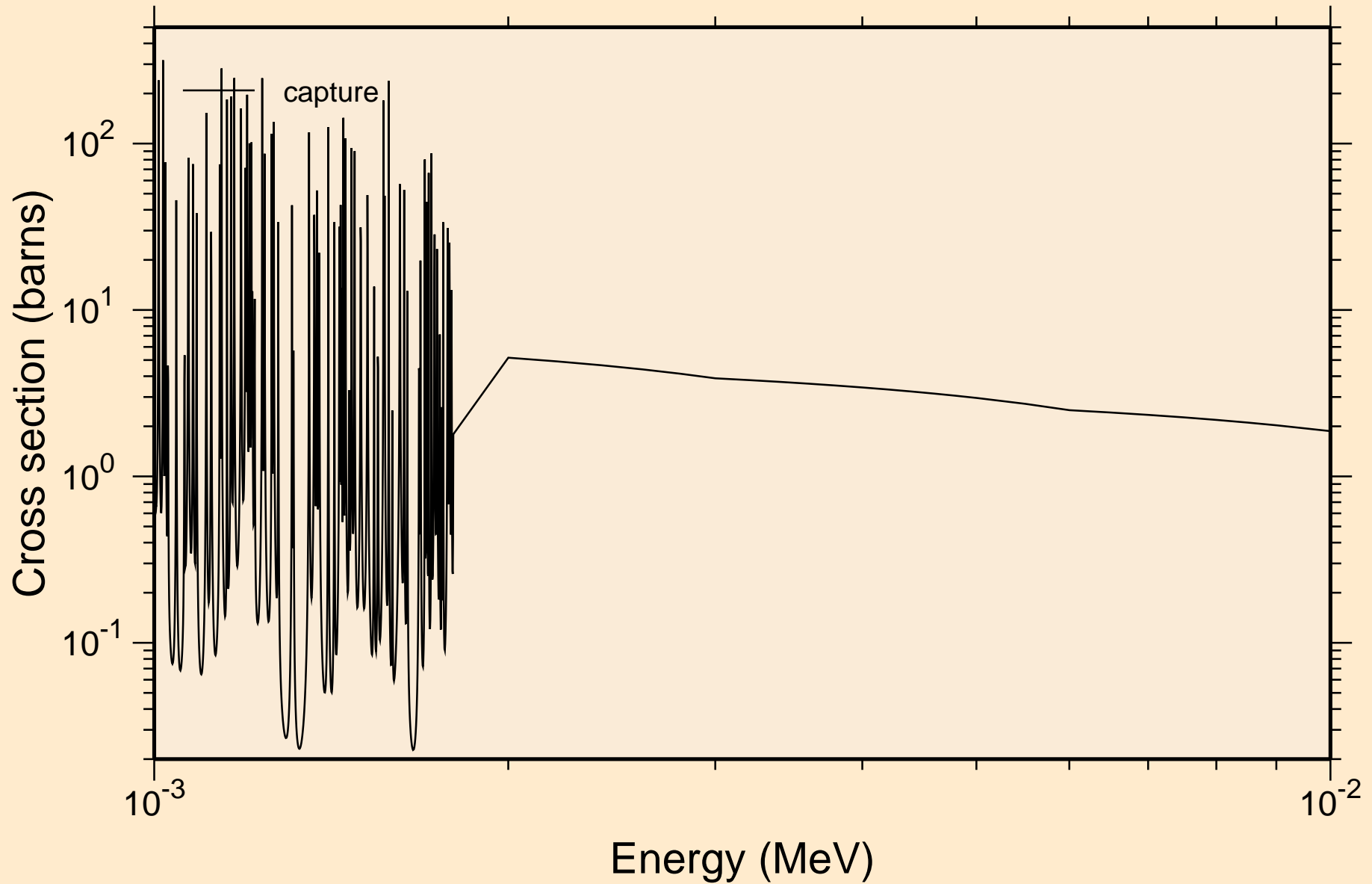




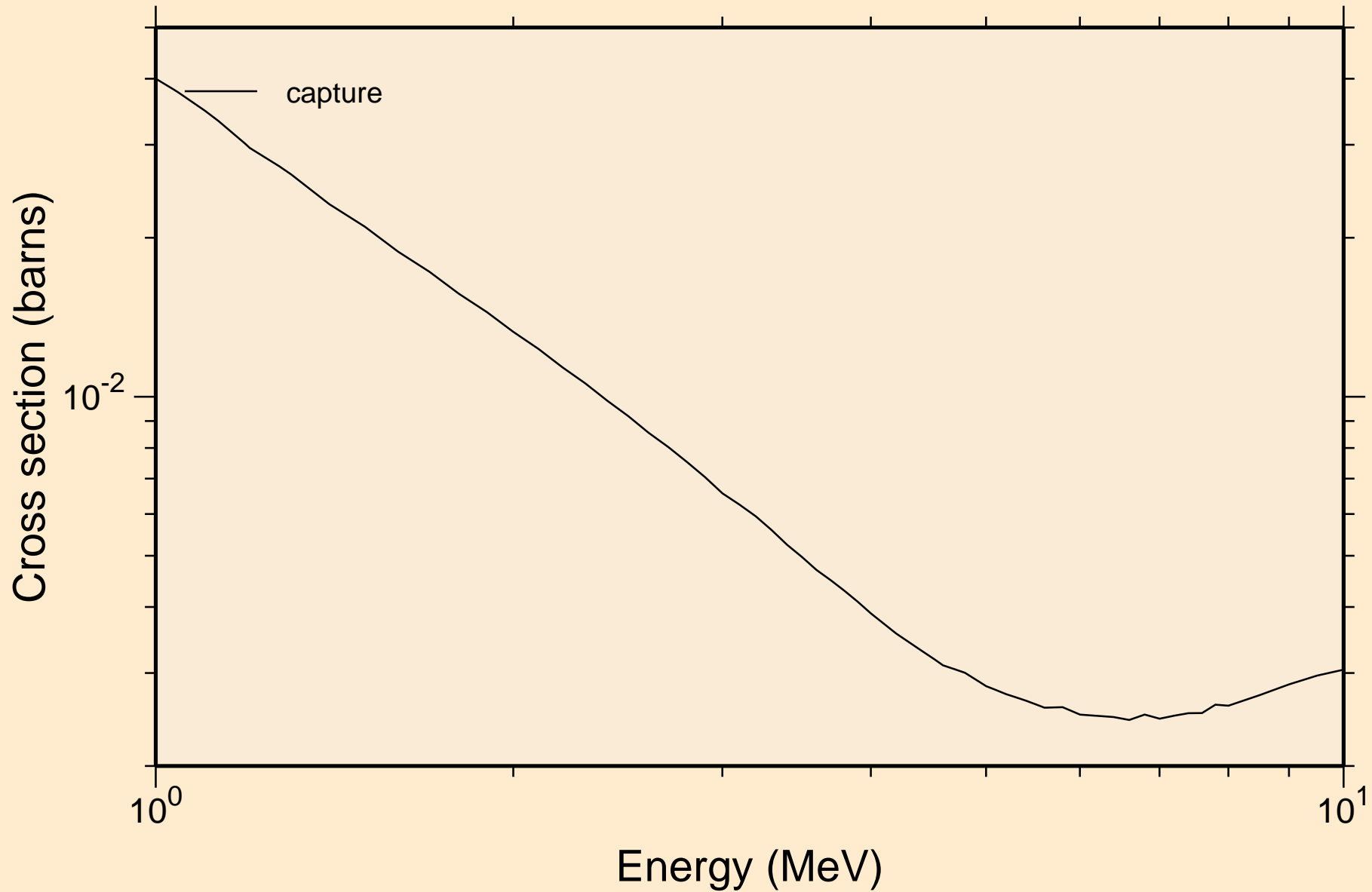
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



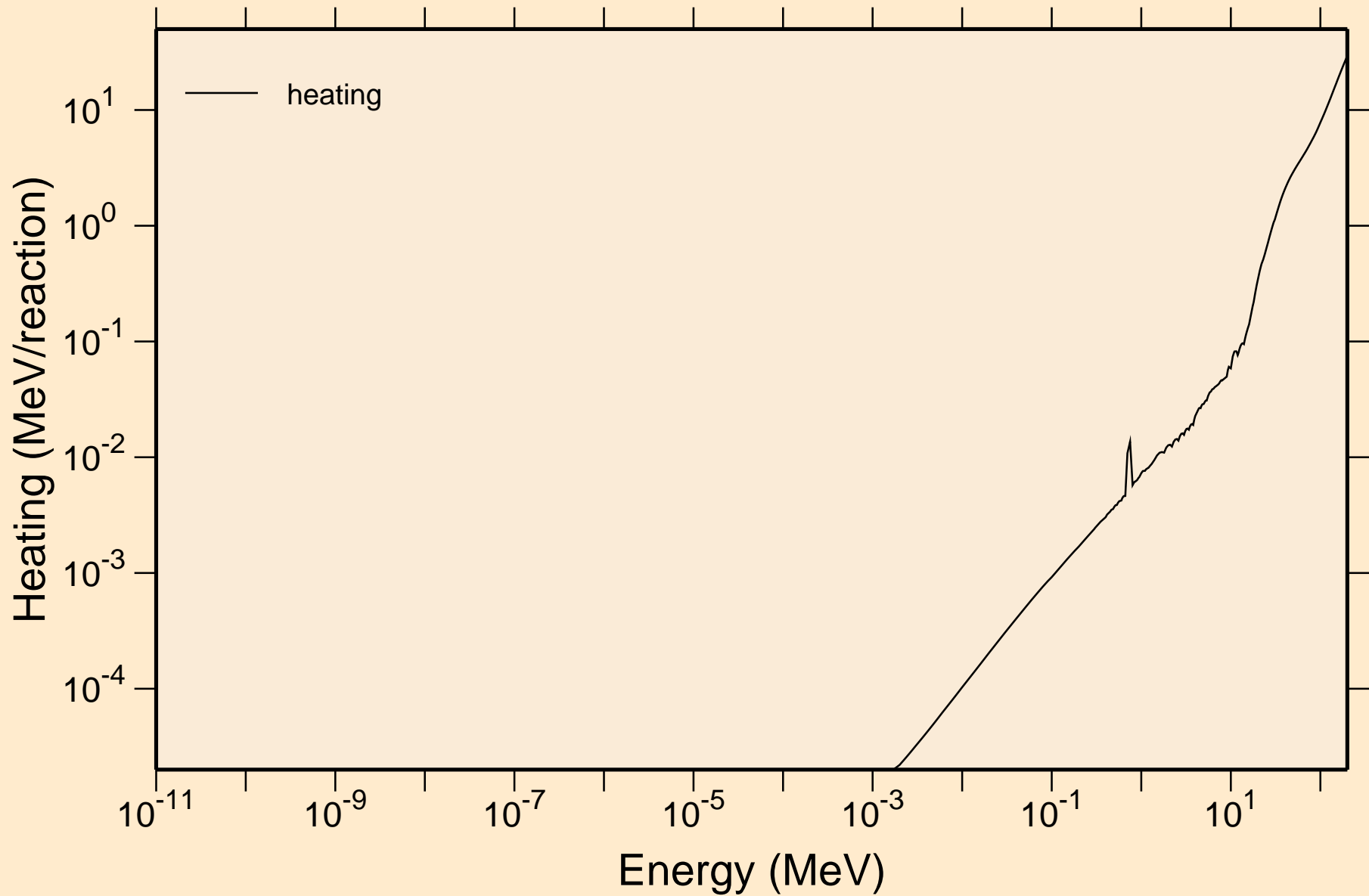
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

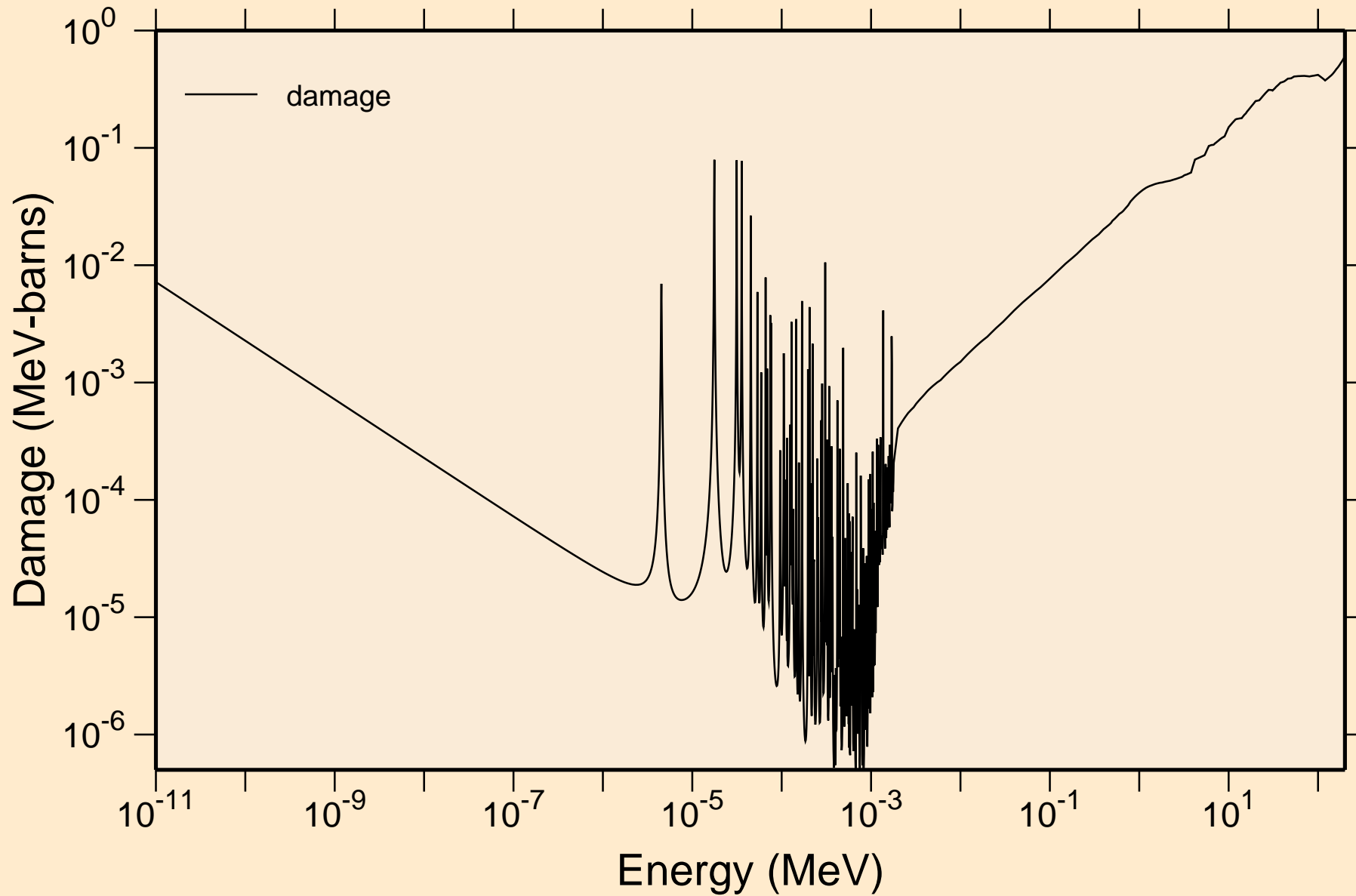


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

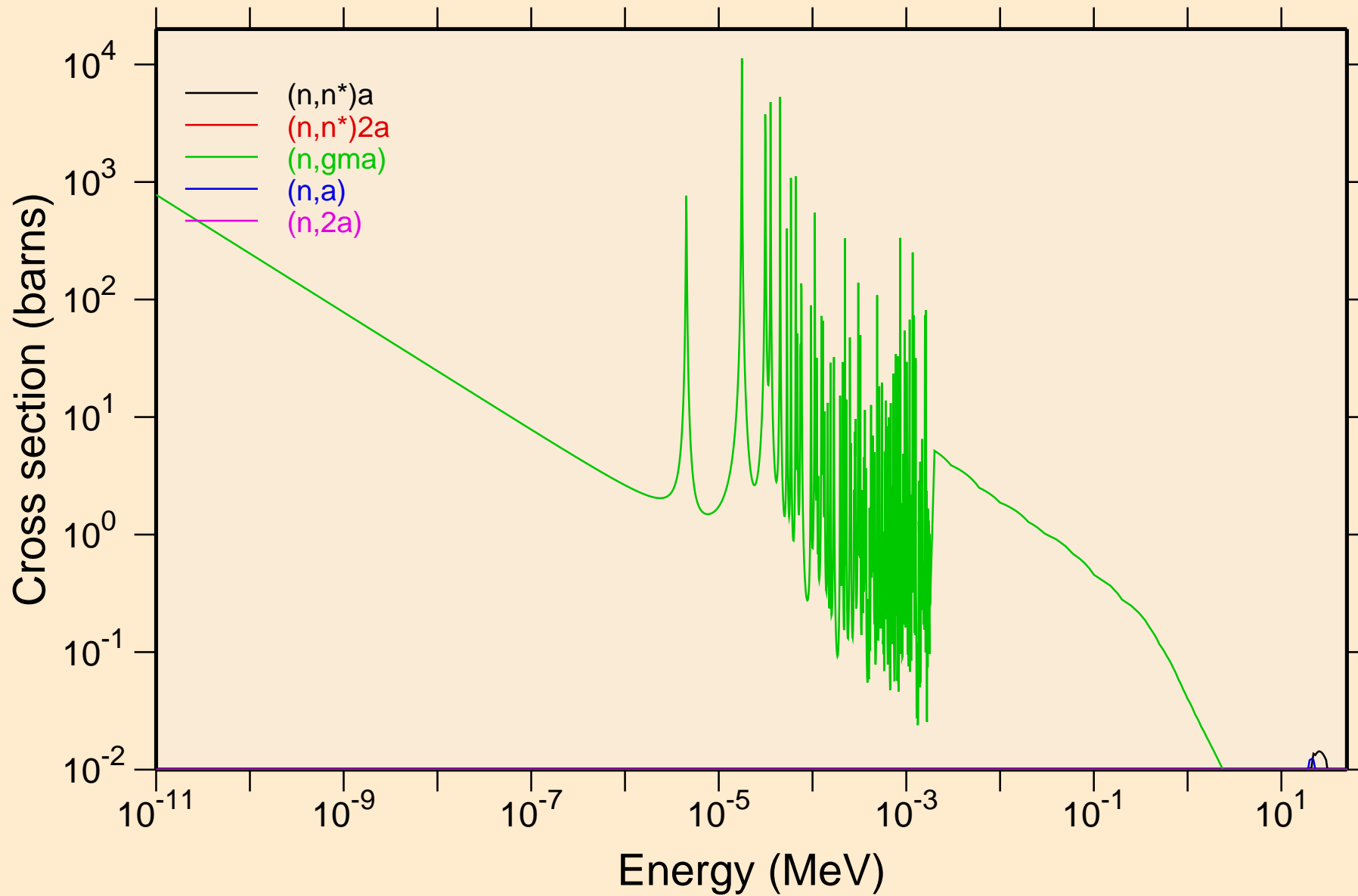


# YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

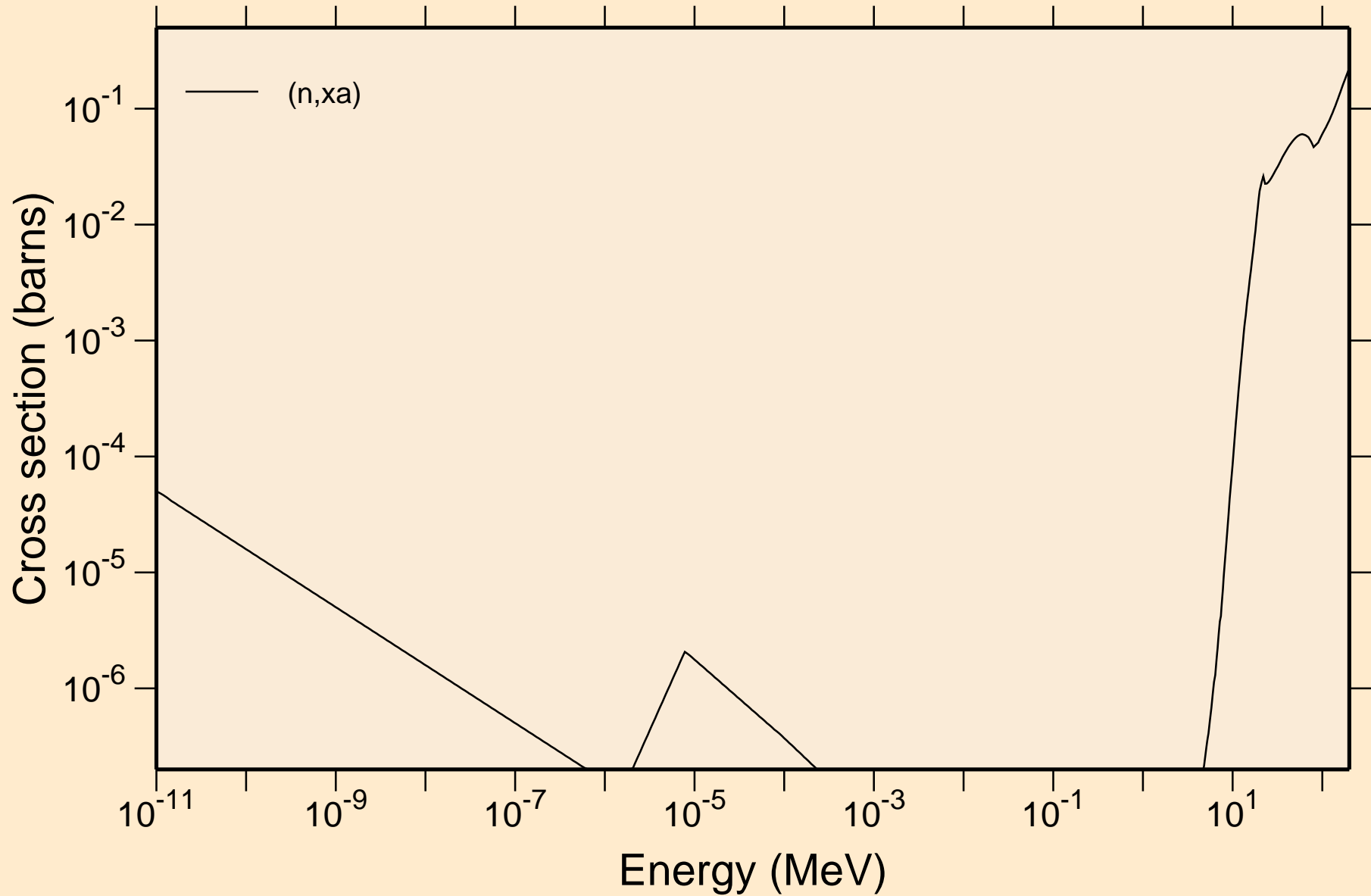
## Damage



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

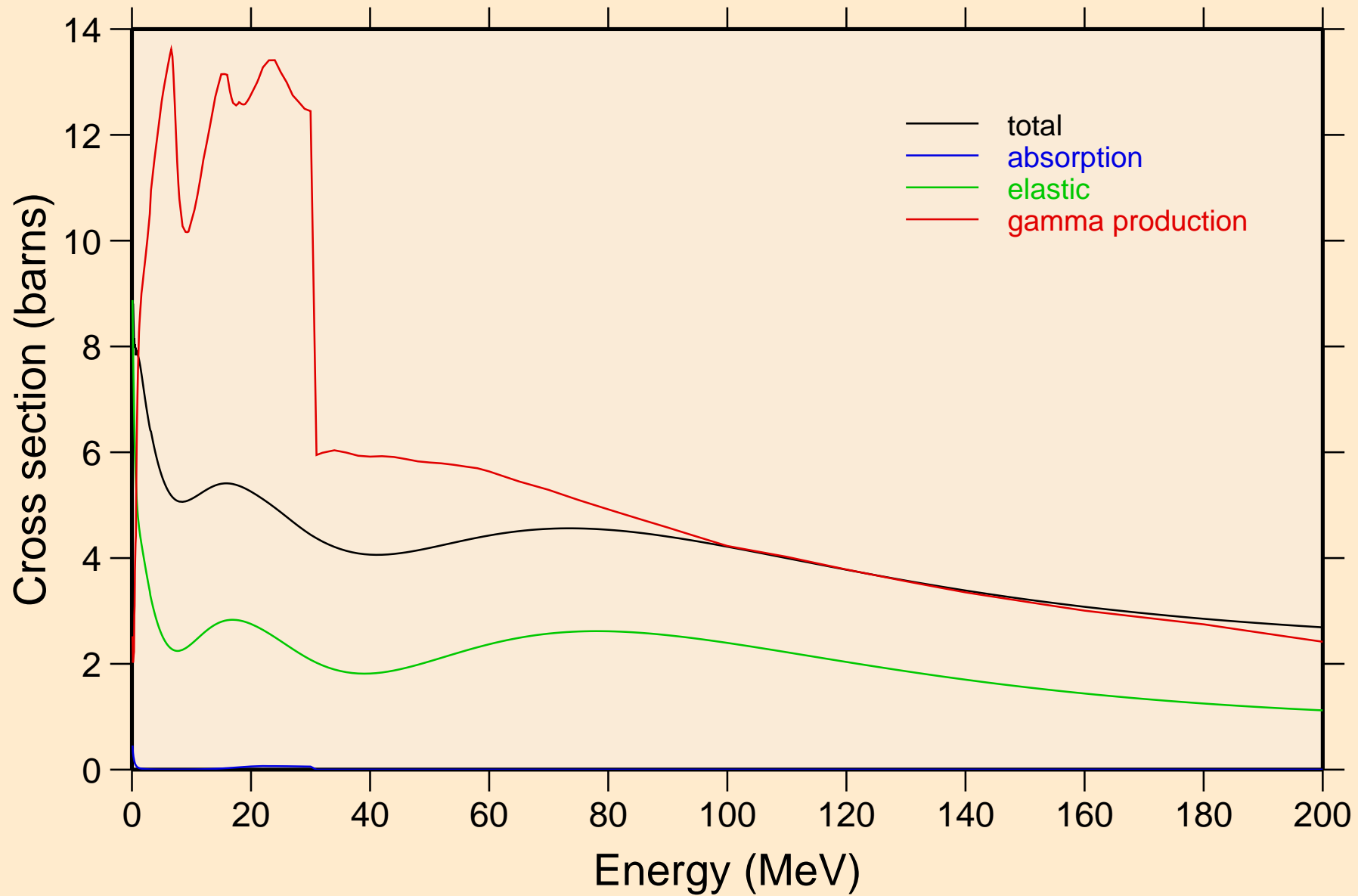


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



# YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

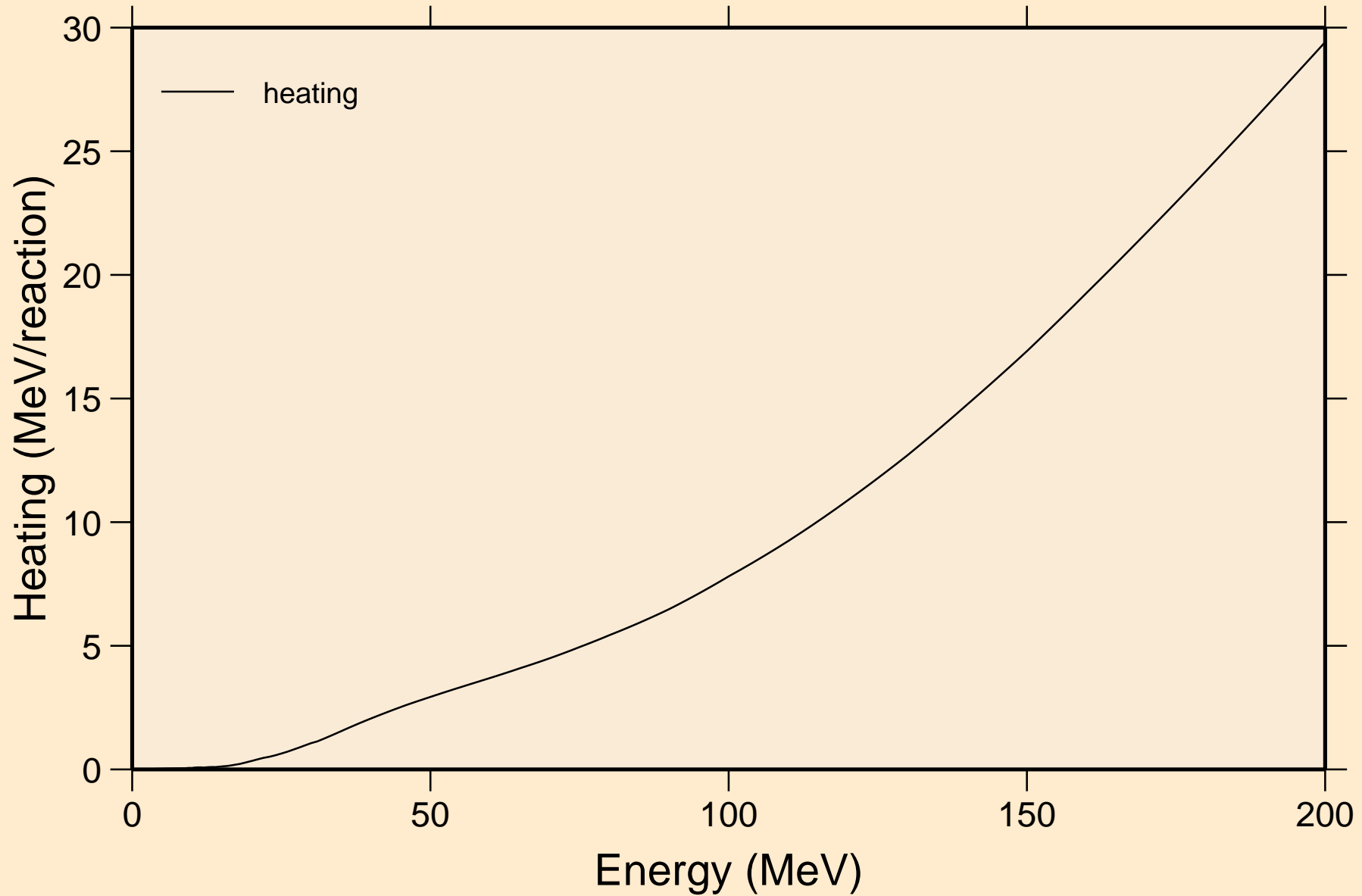
## Principal cross sections





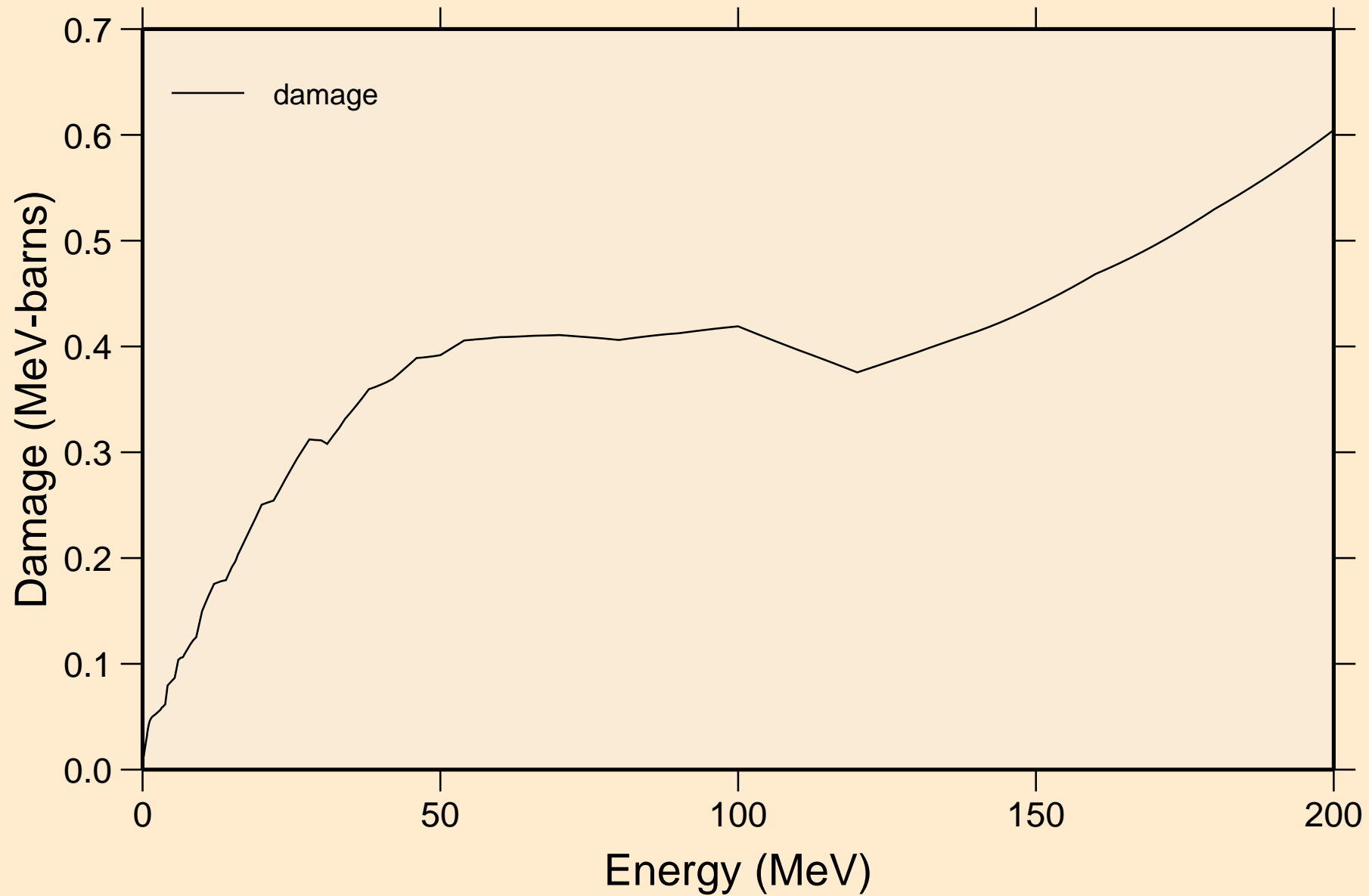
# YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



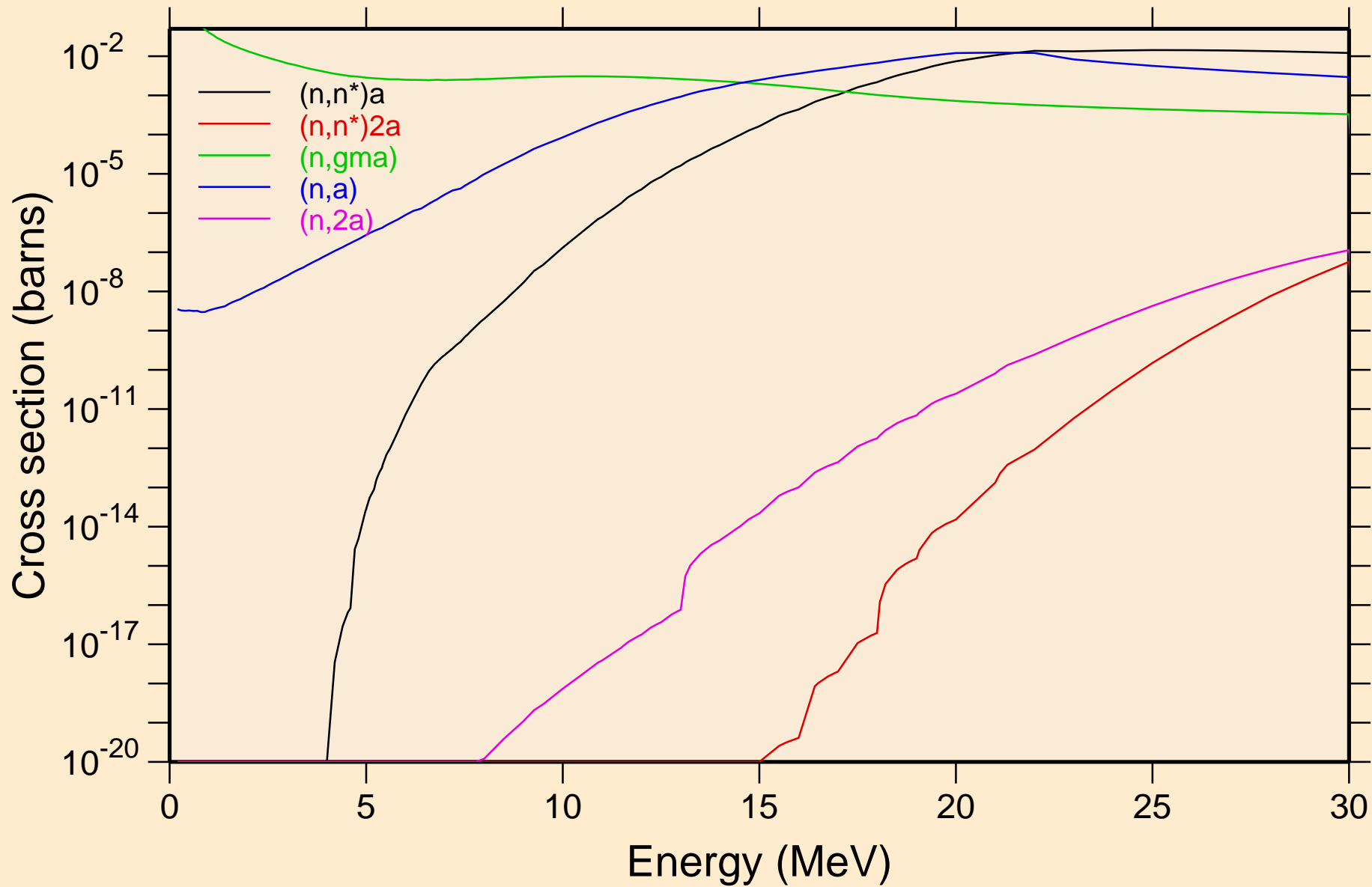
# YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

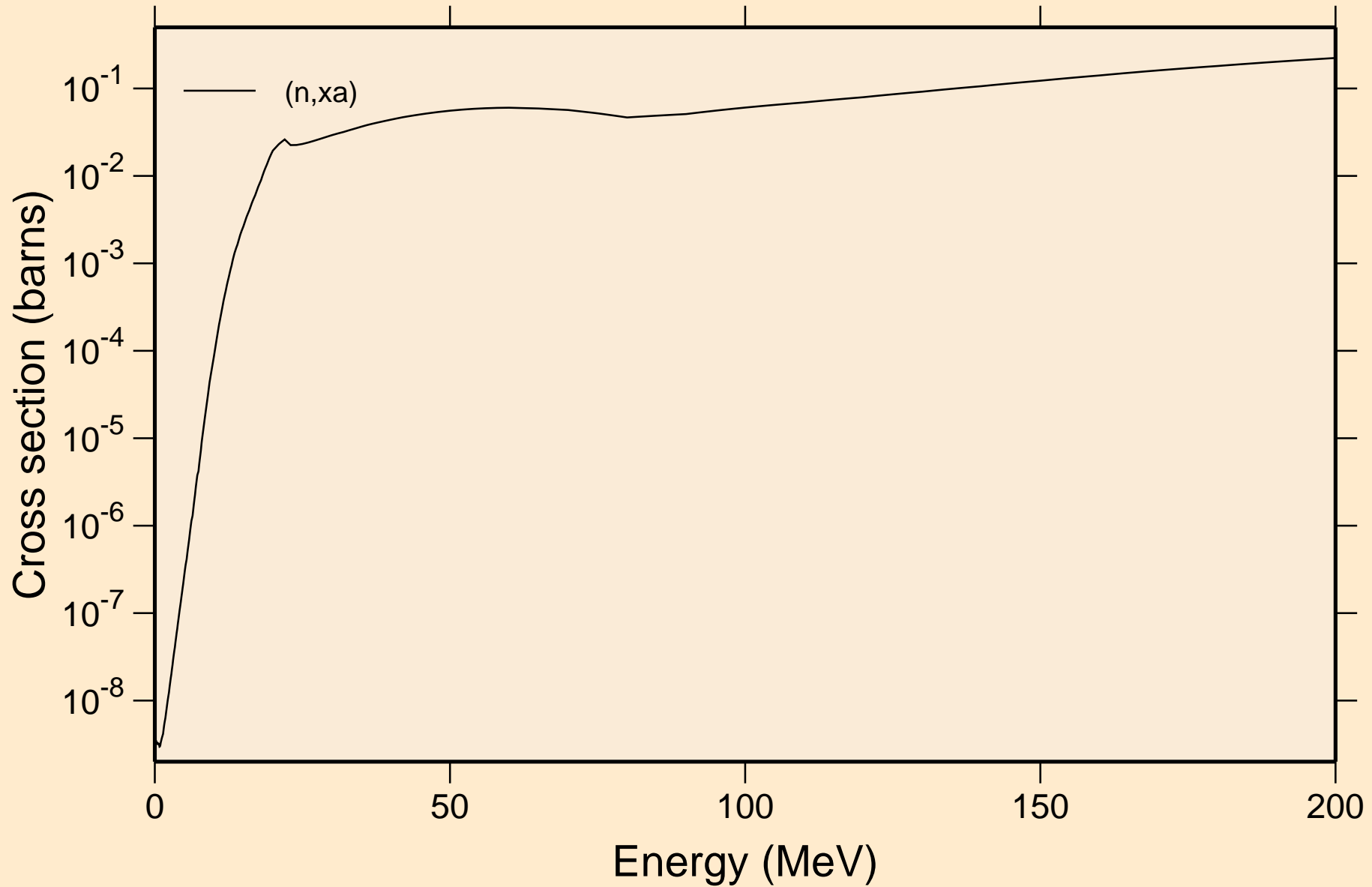


# YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

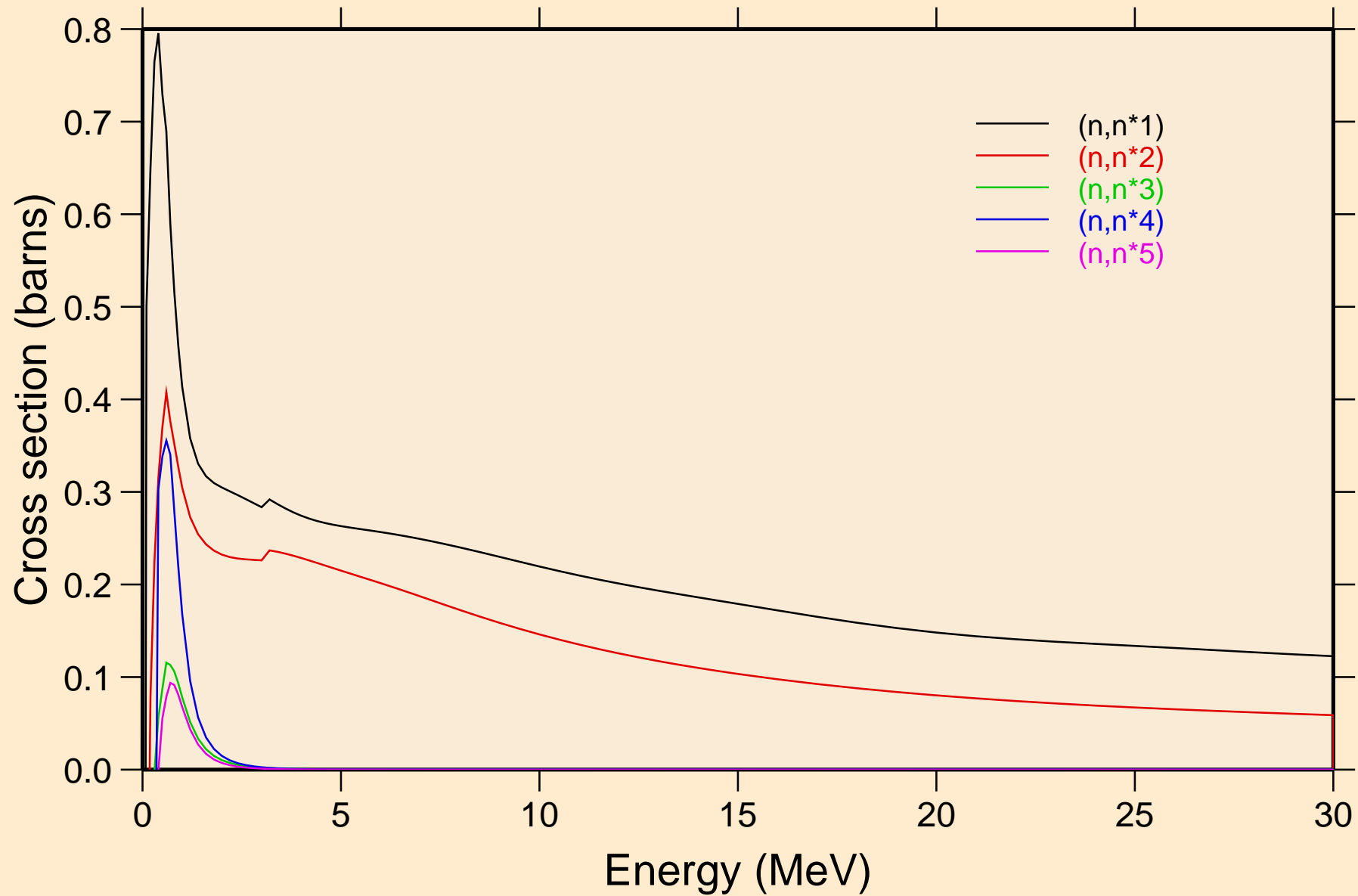
## Non-threshold reactions



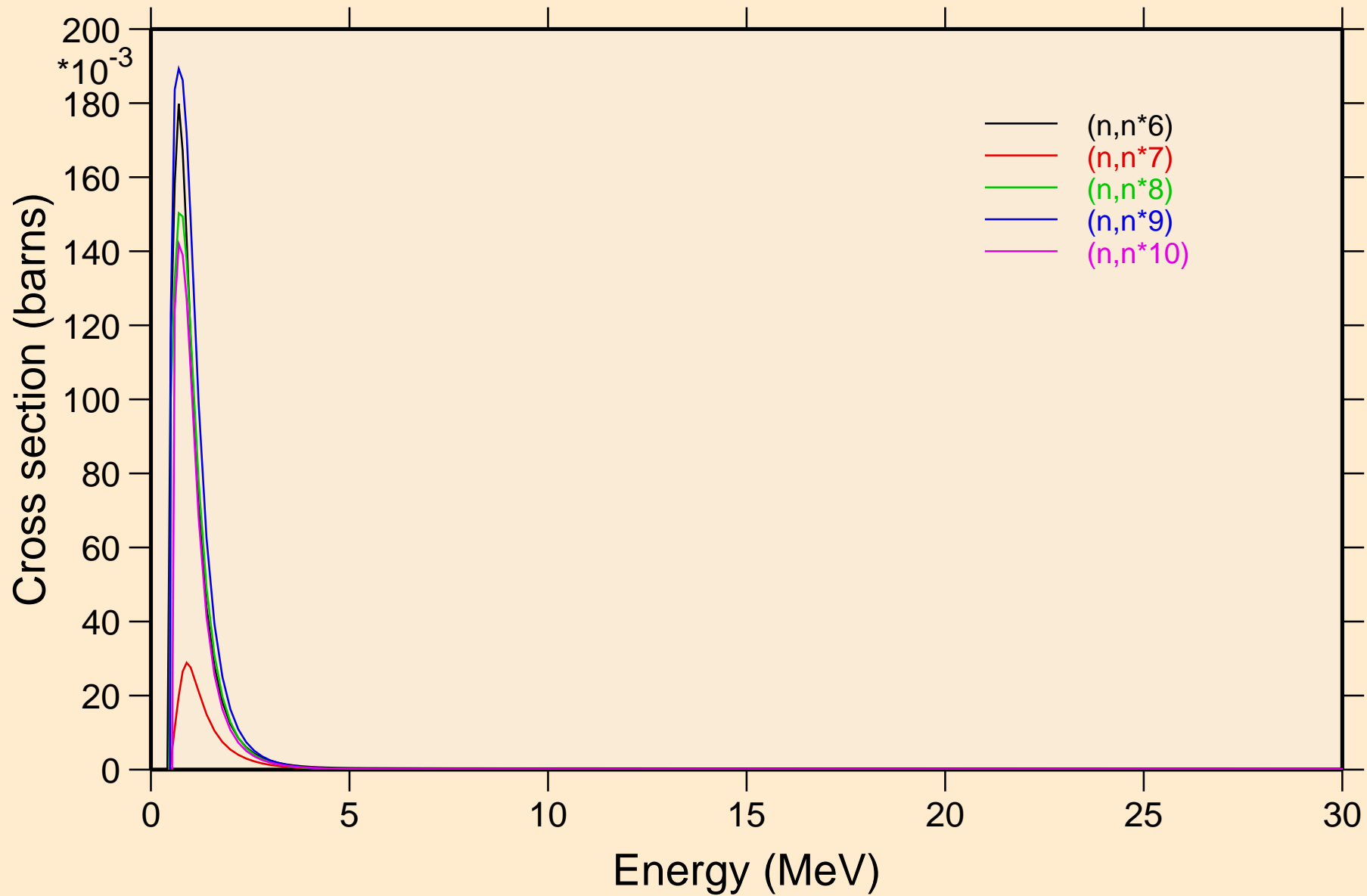
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



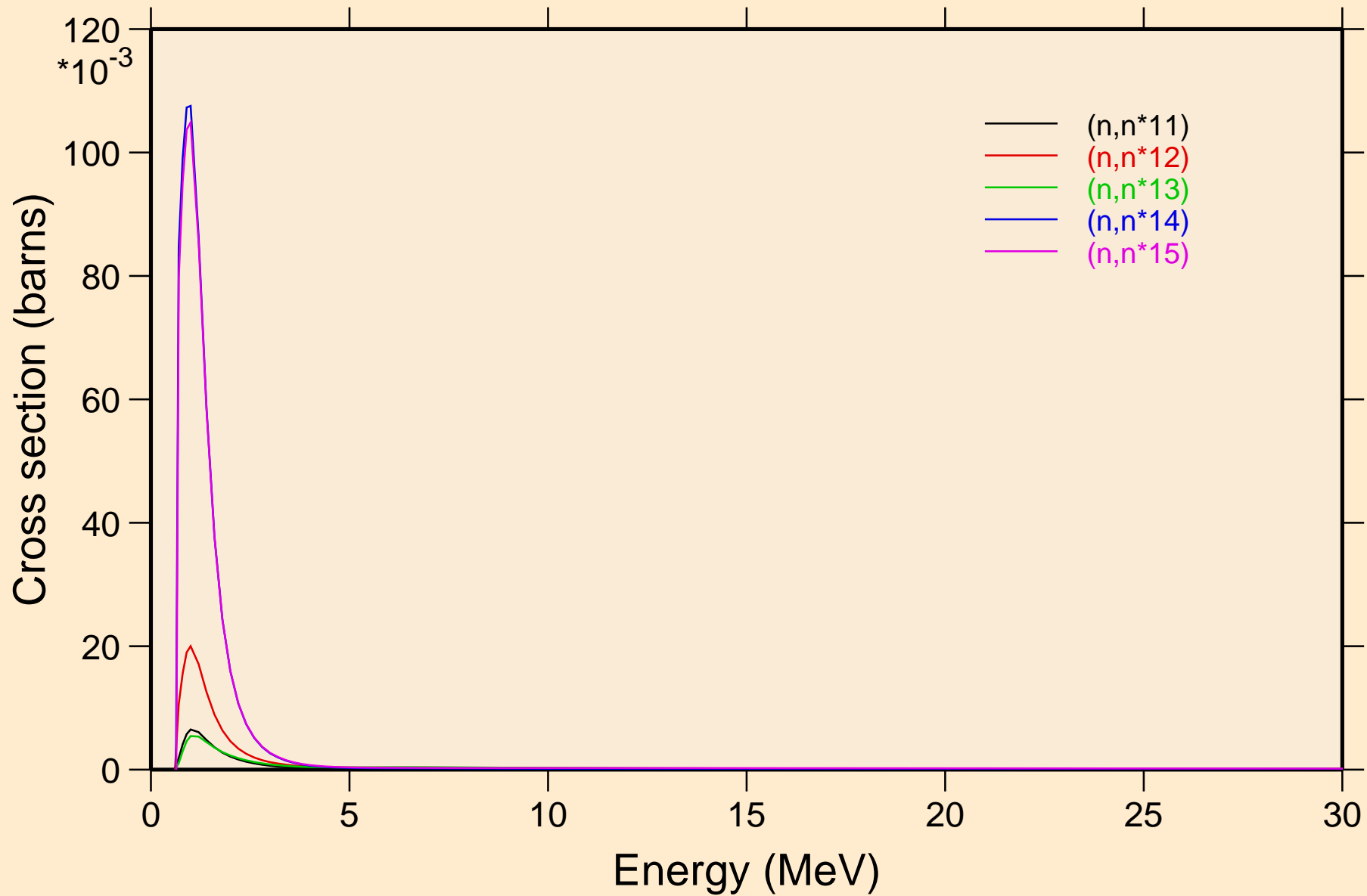
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



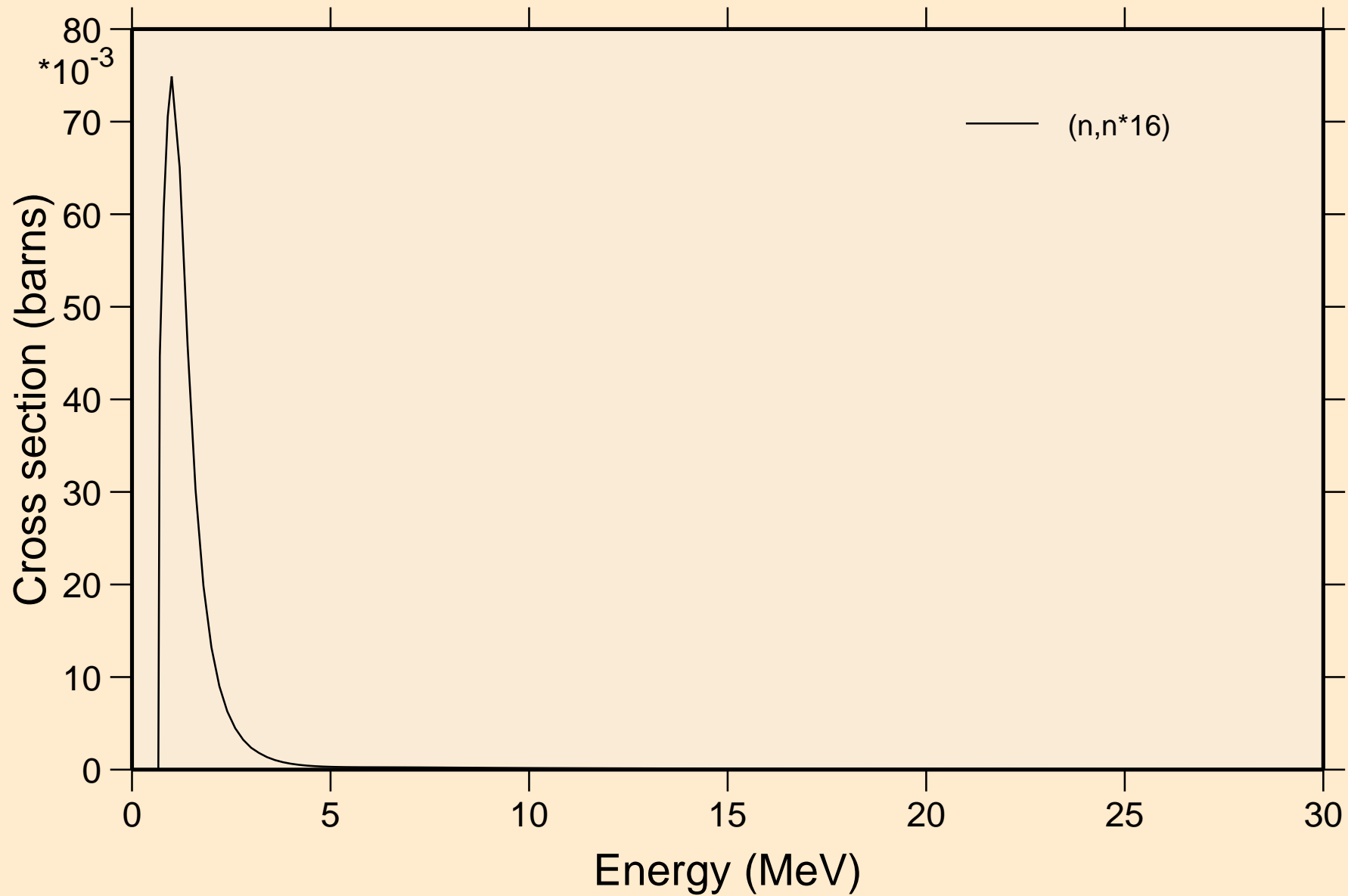
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

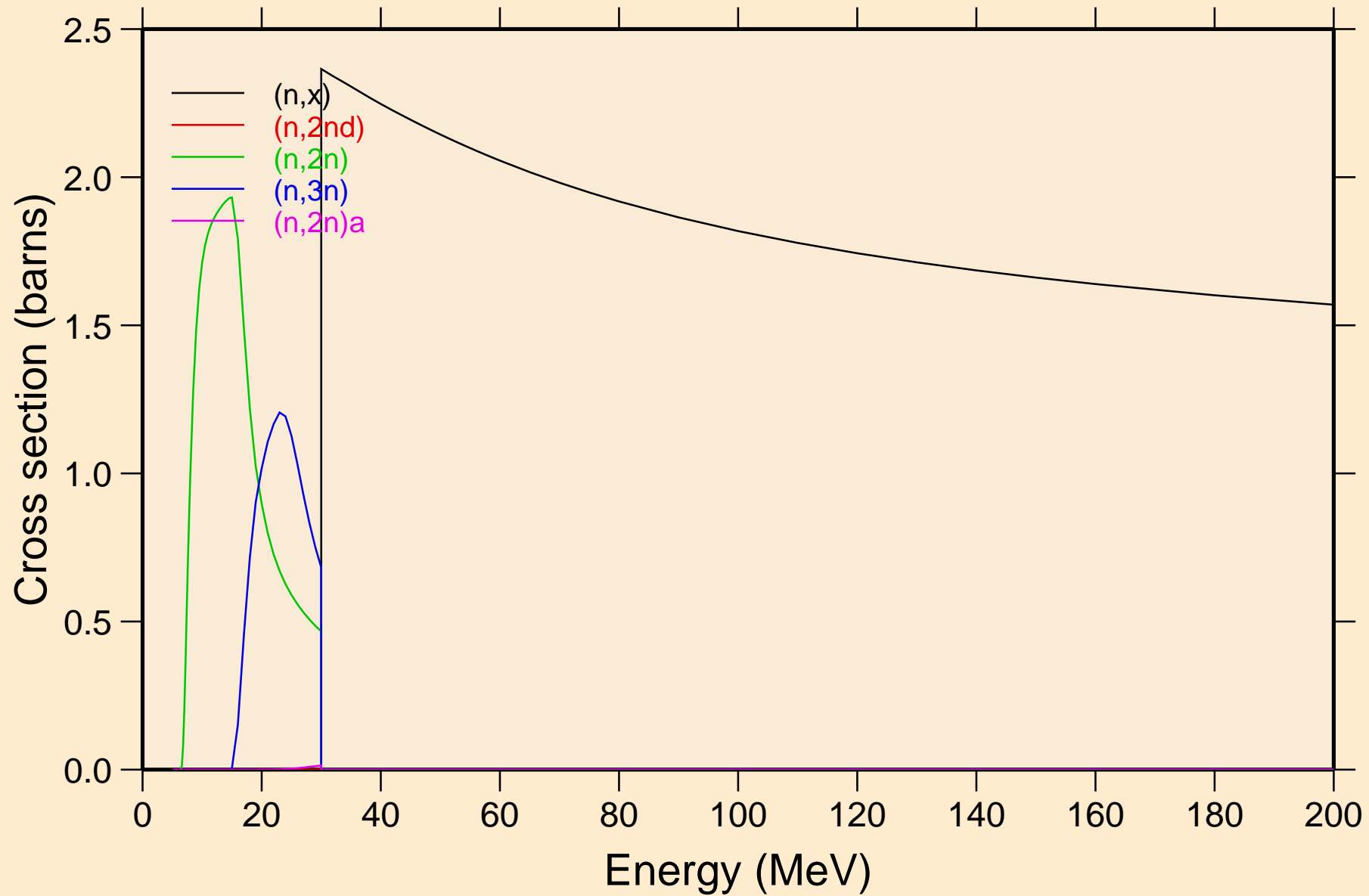


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

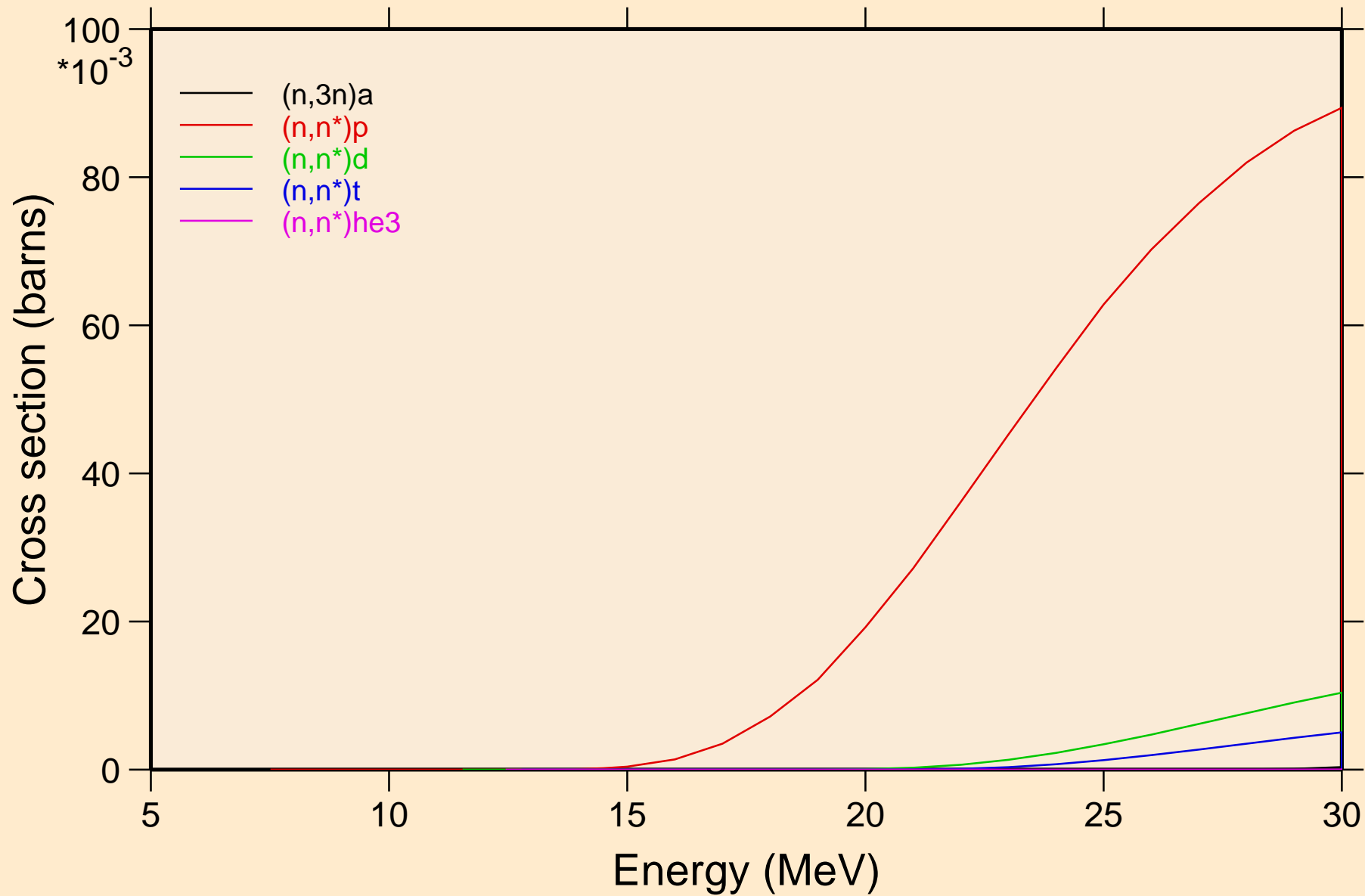




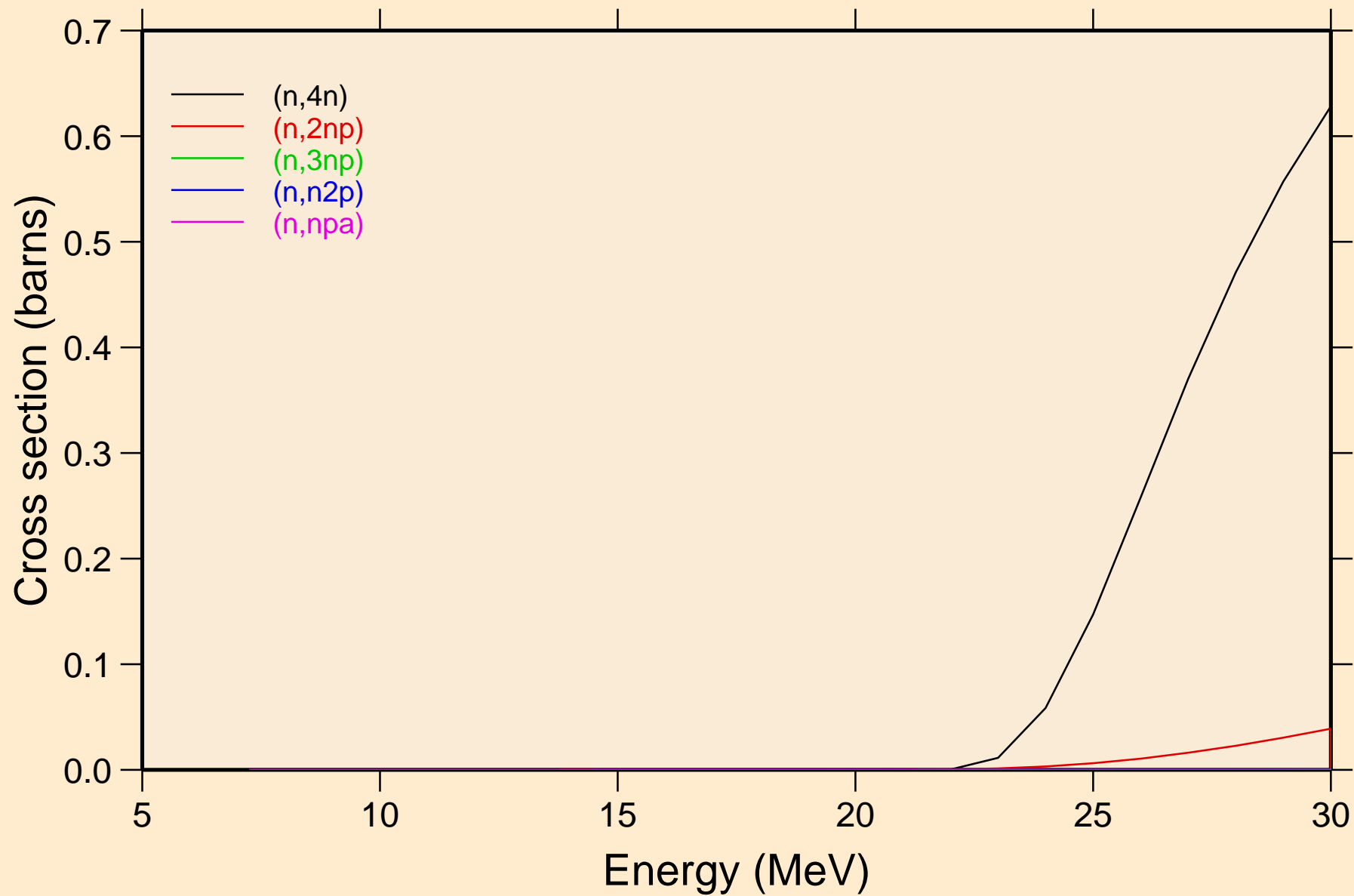
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



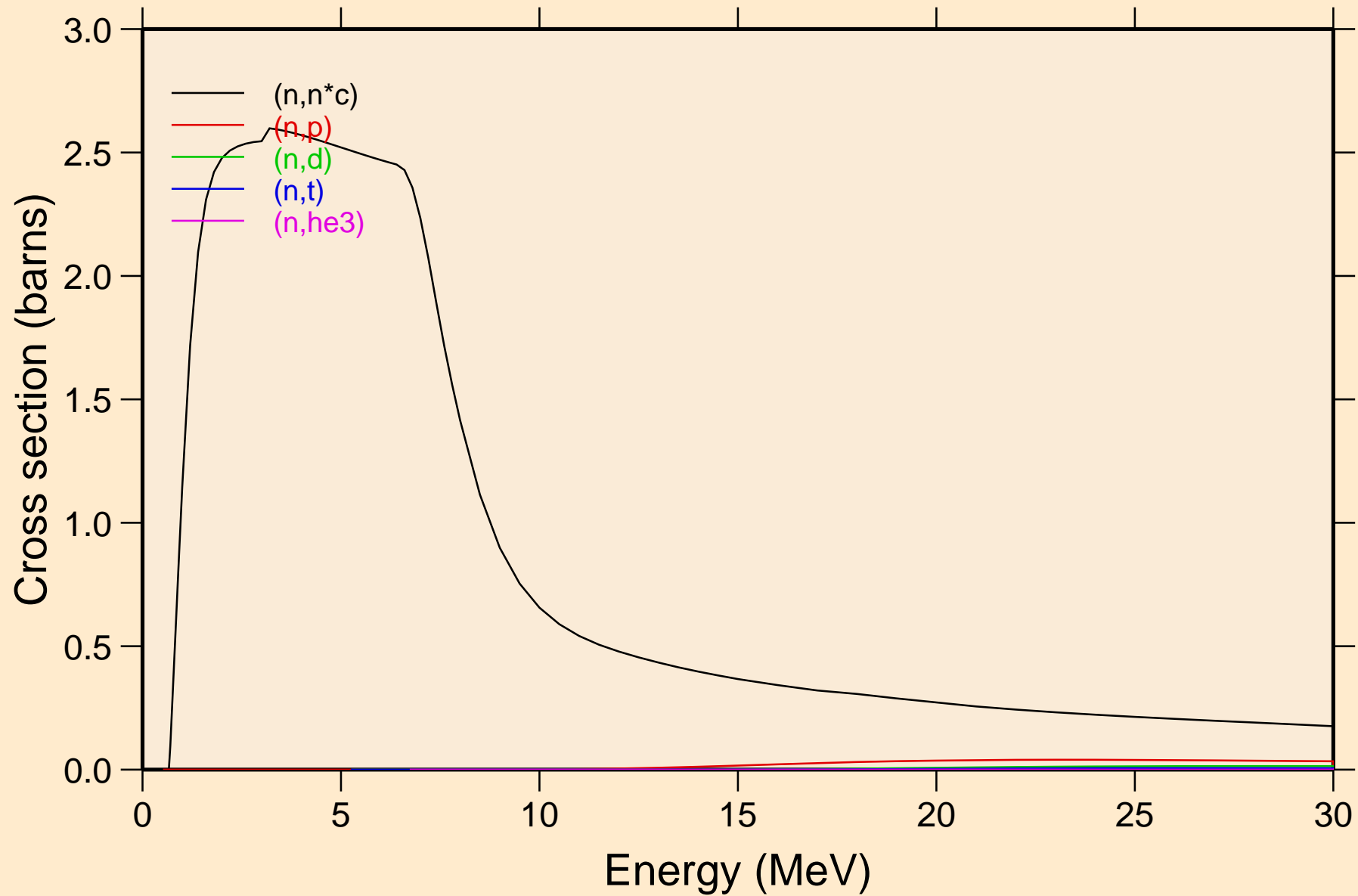
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



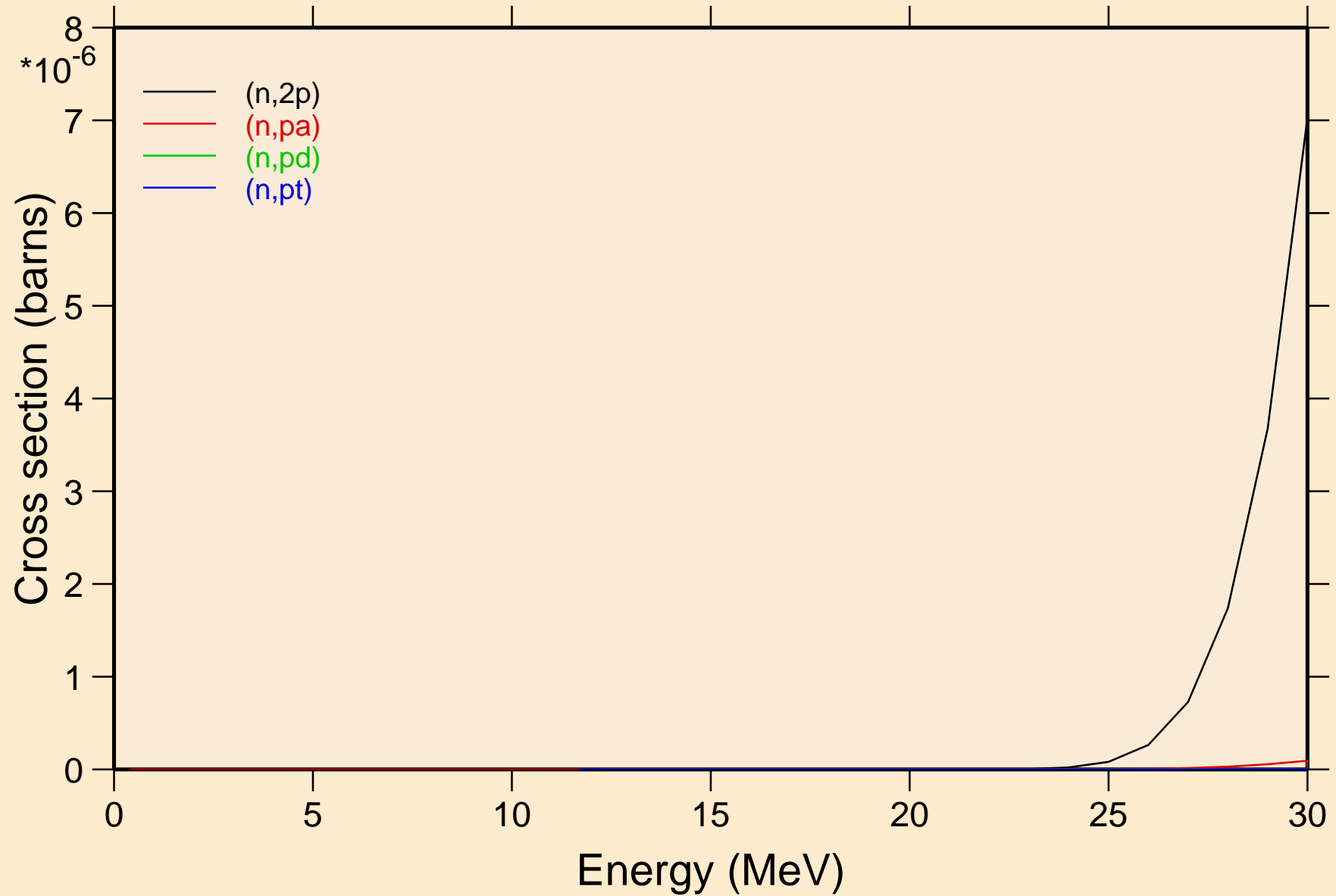
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



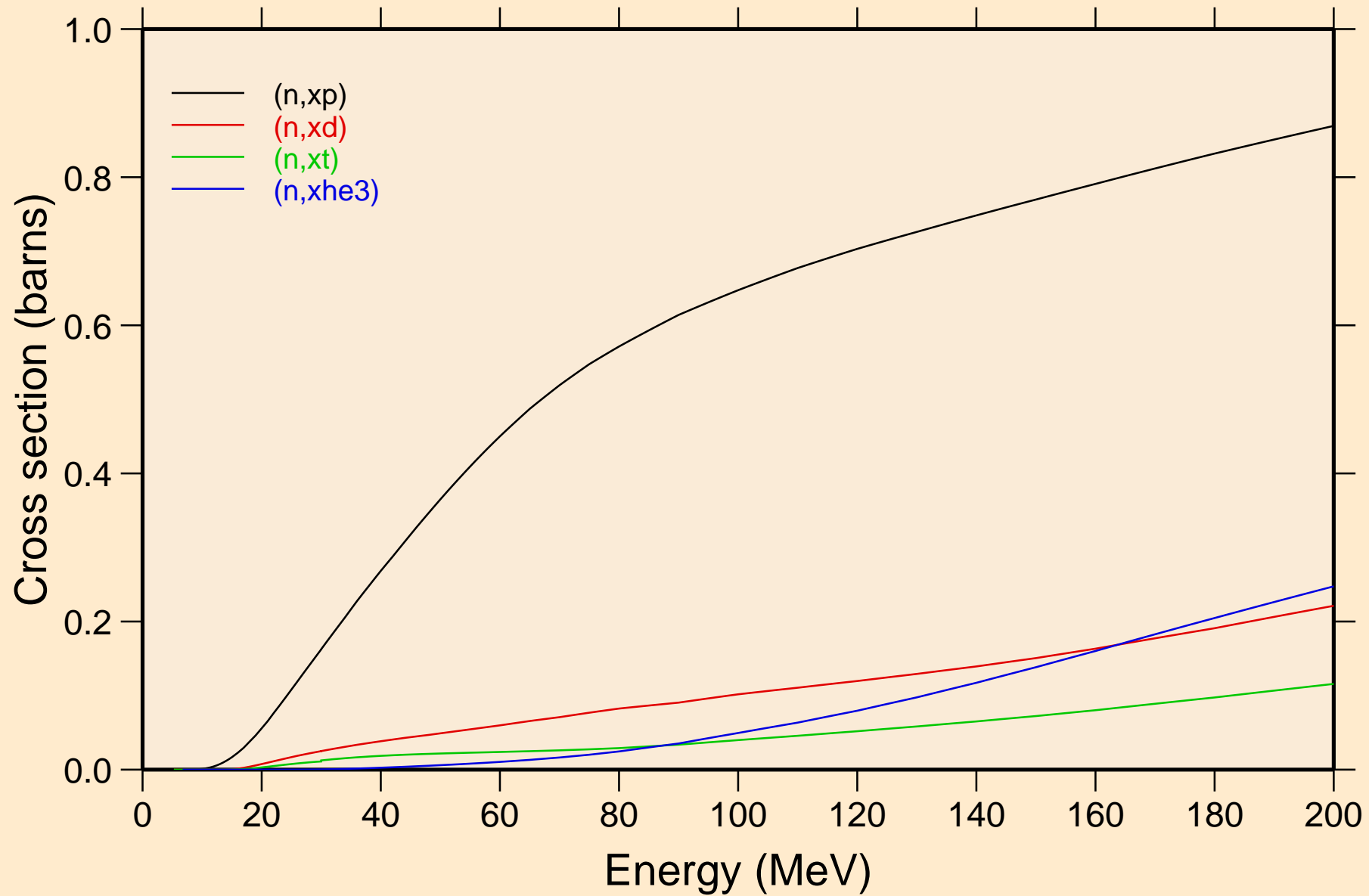
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



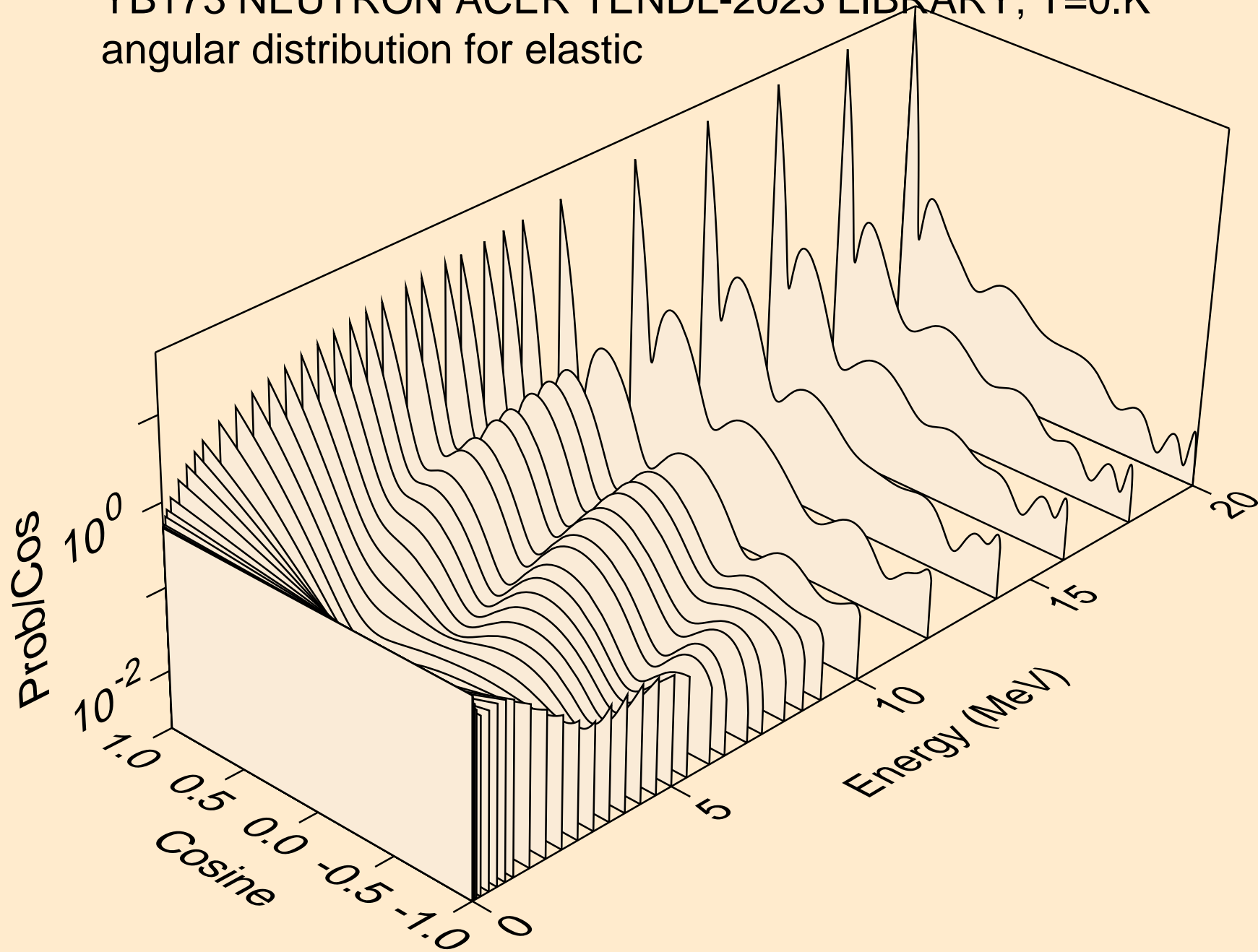
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



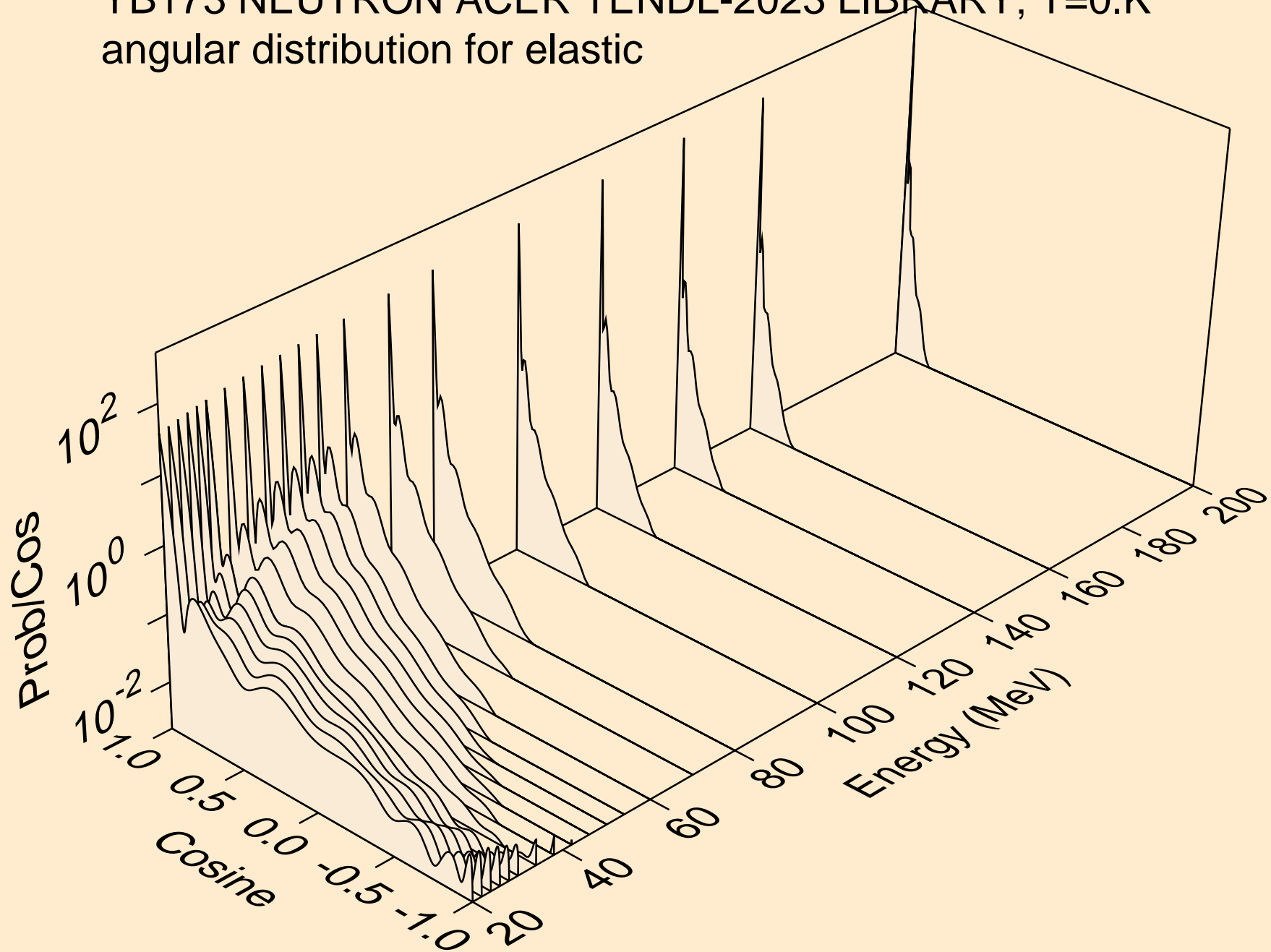
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

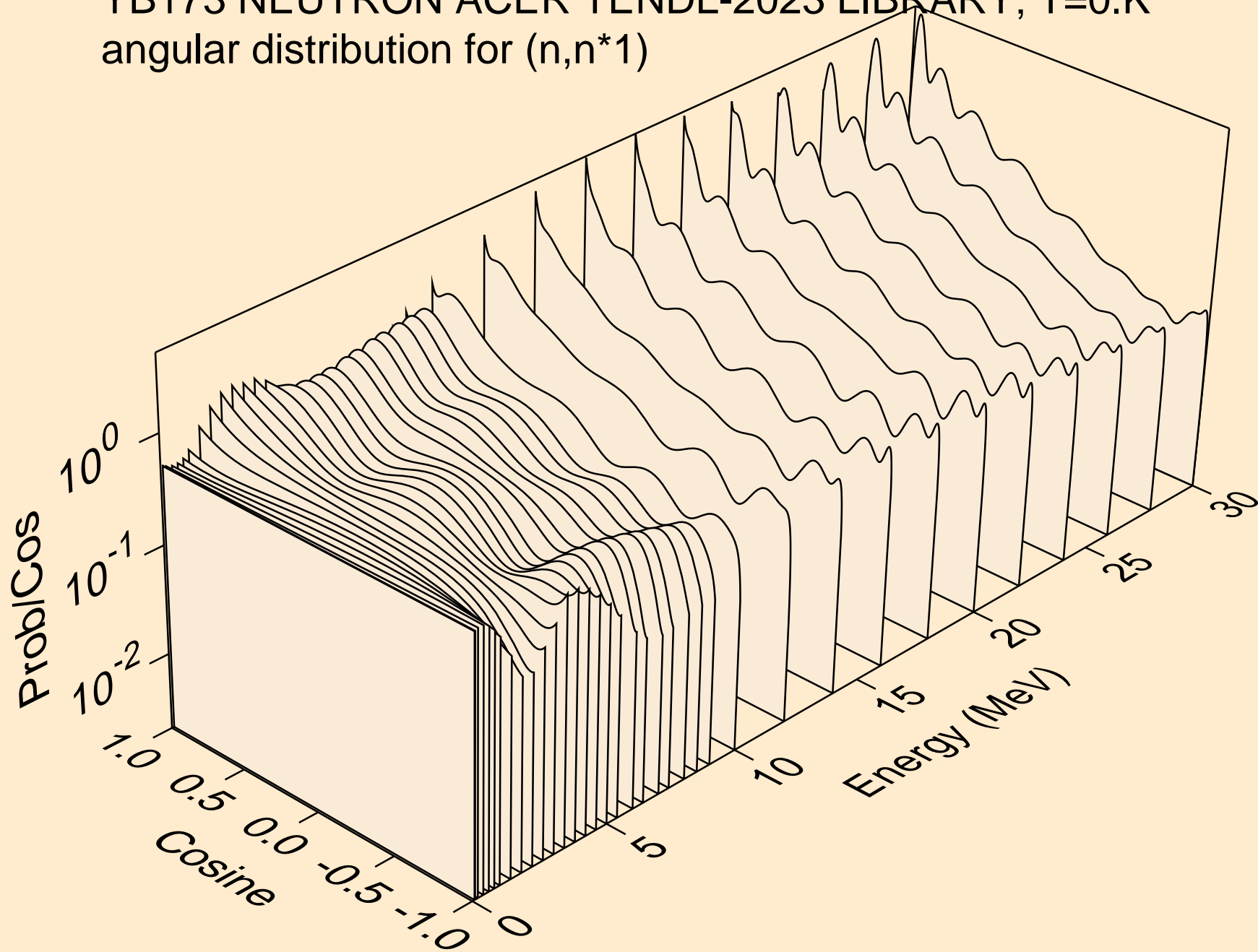


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

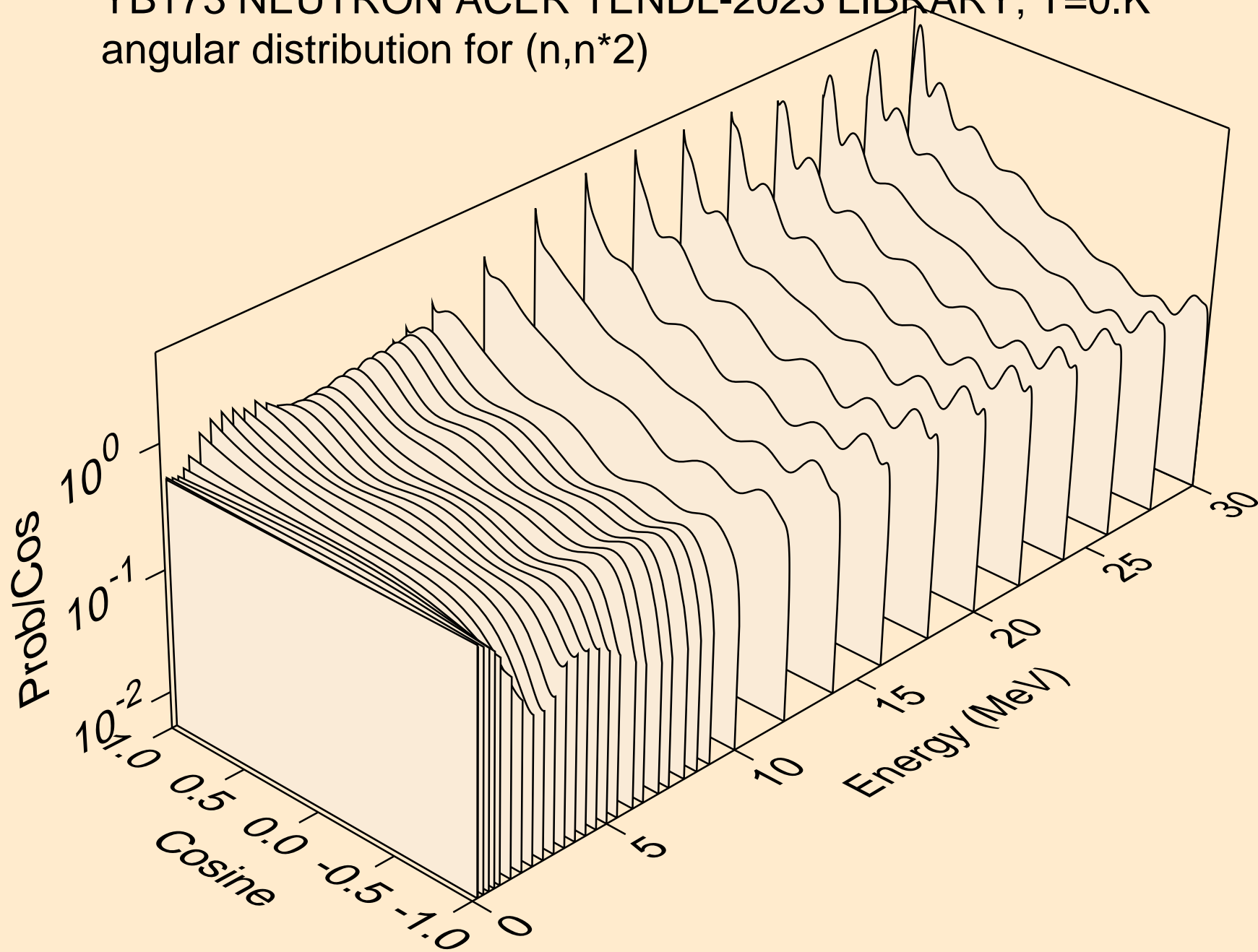




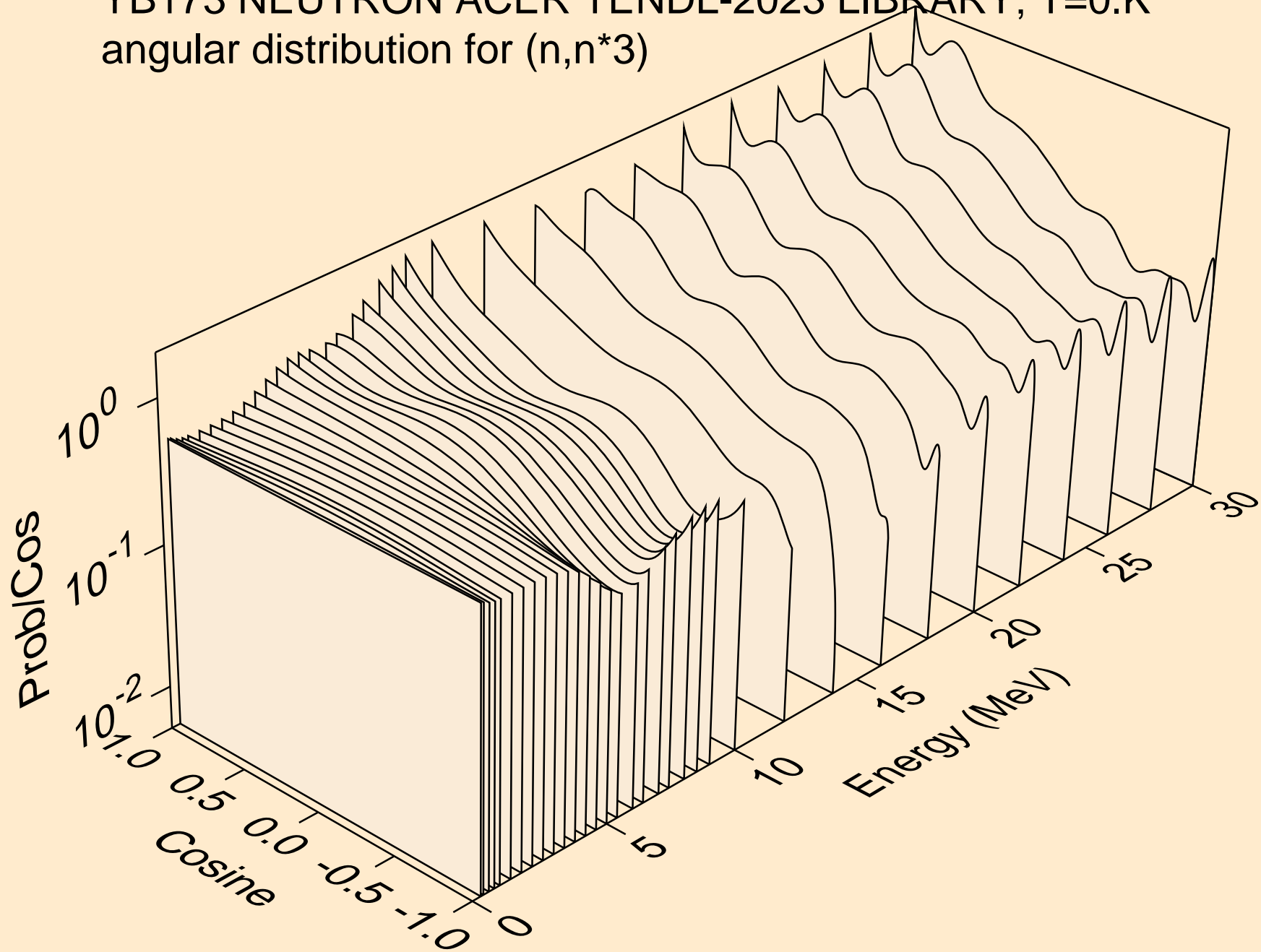
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



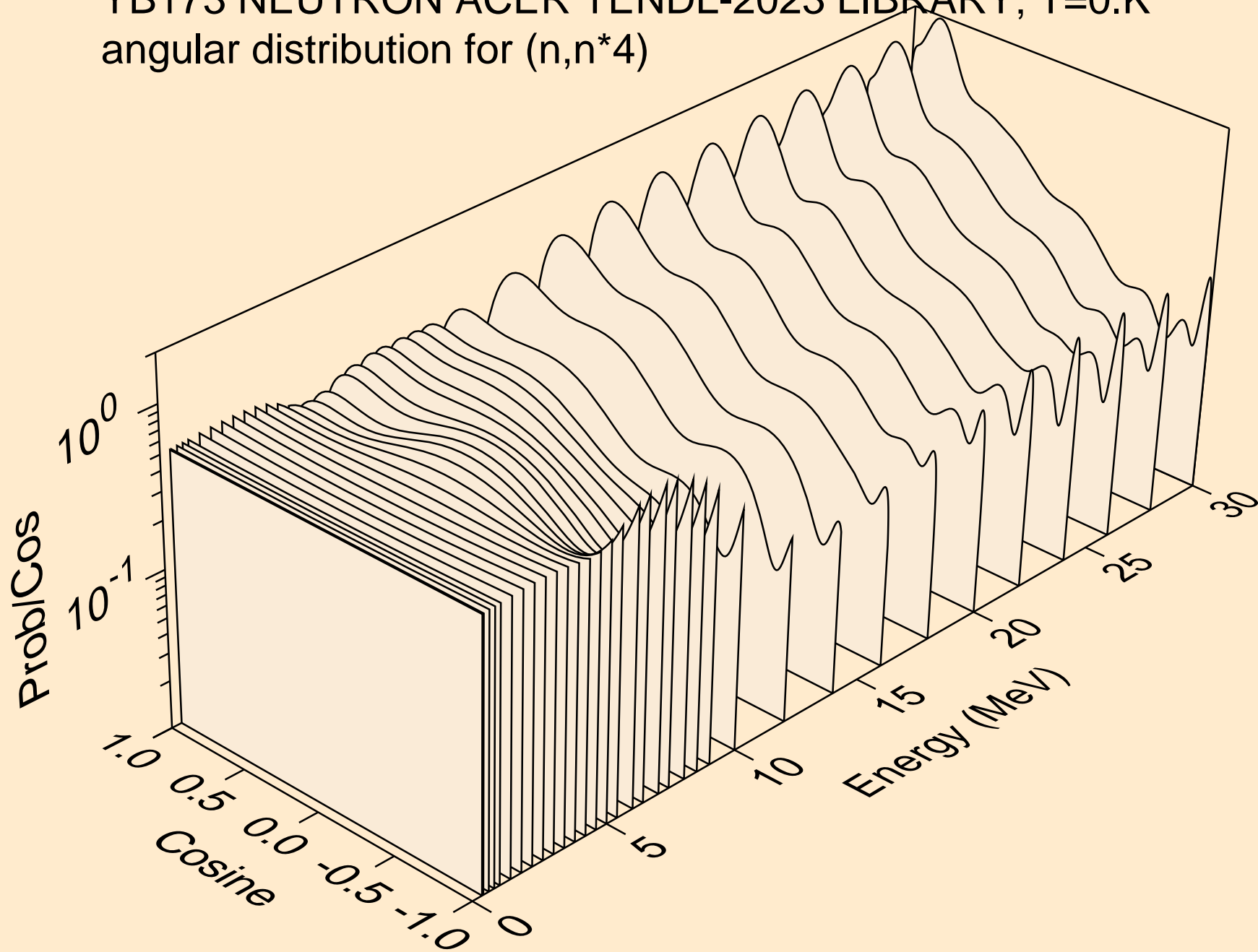
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angular distribution for (n,n\*2)



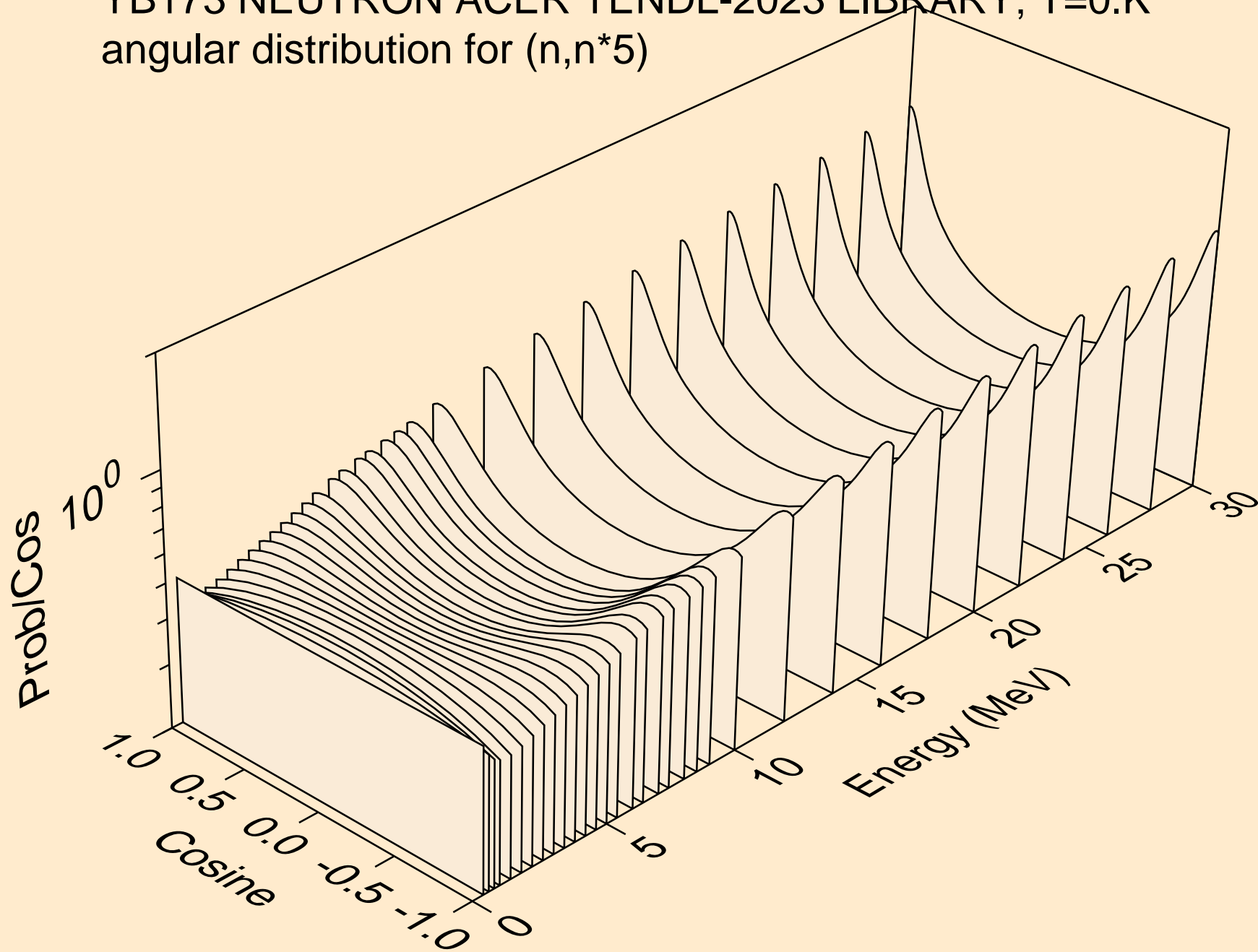
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angular distribution for (n,n\*3)



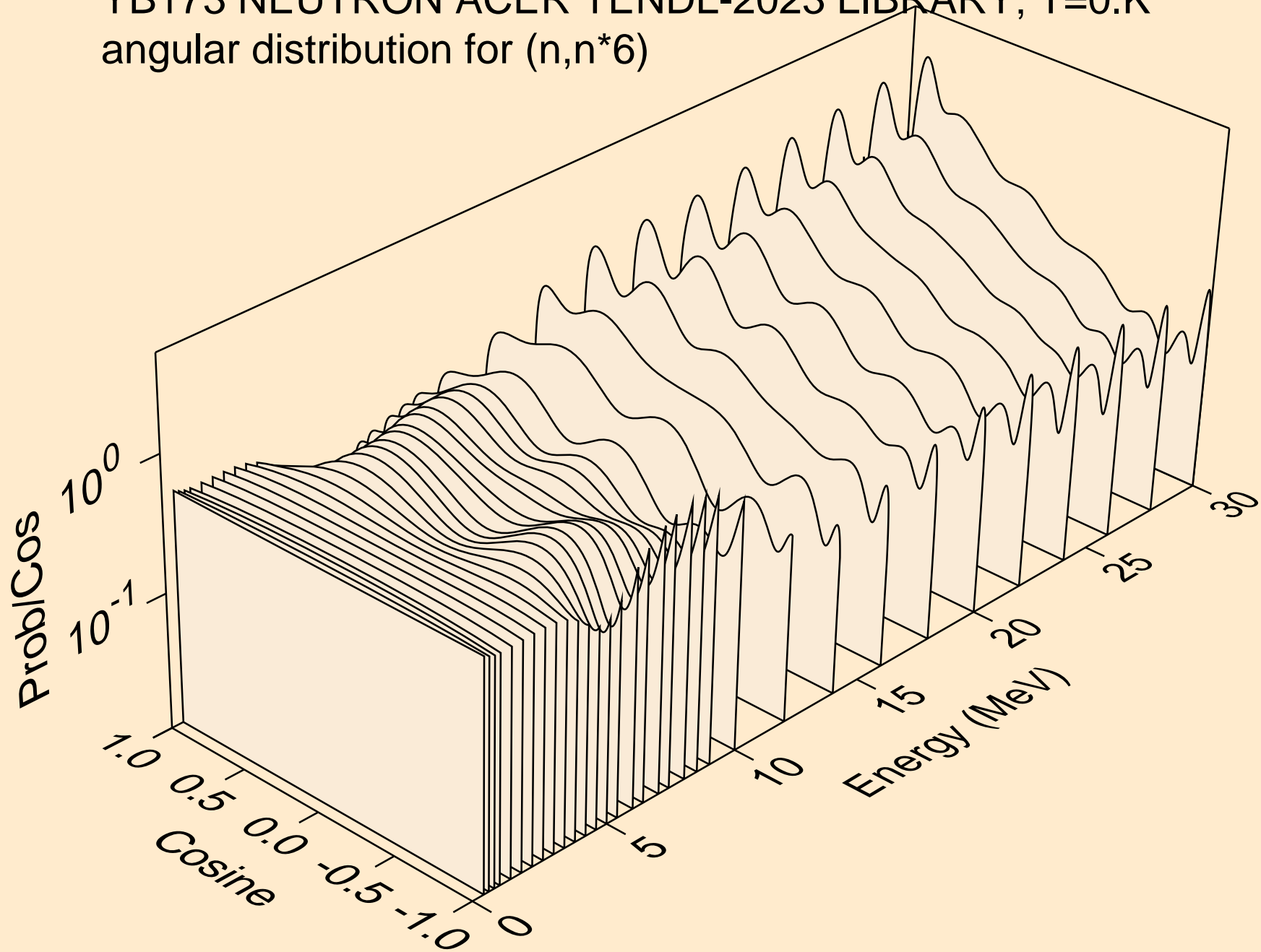
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angular distribution for (n,n\*4)



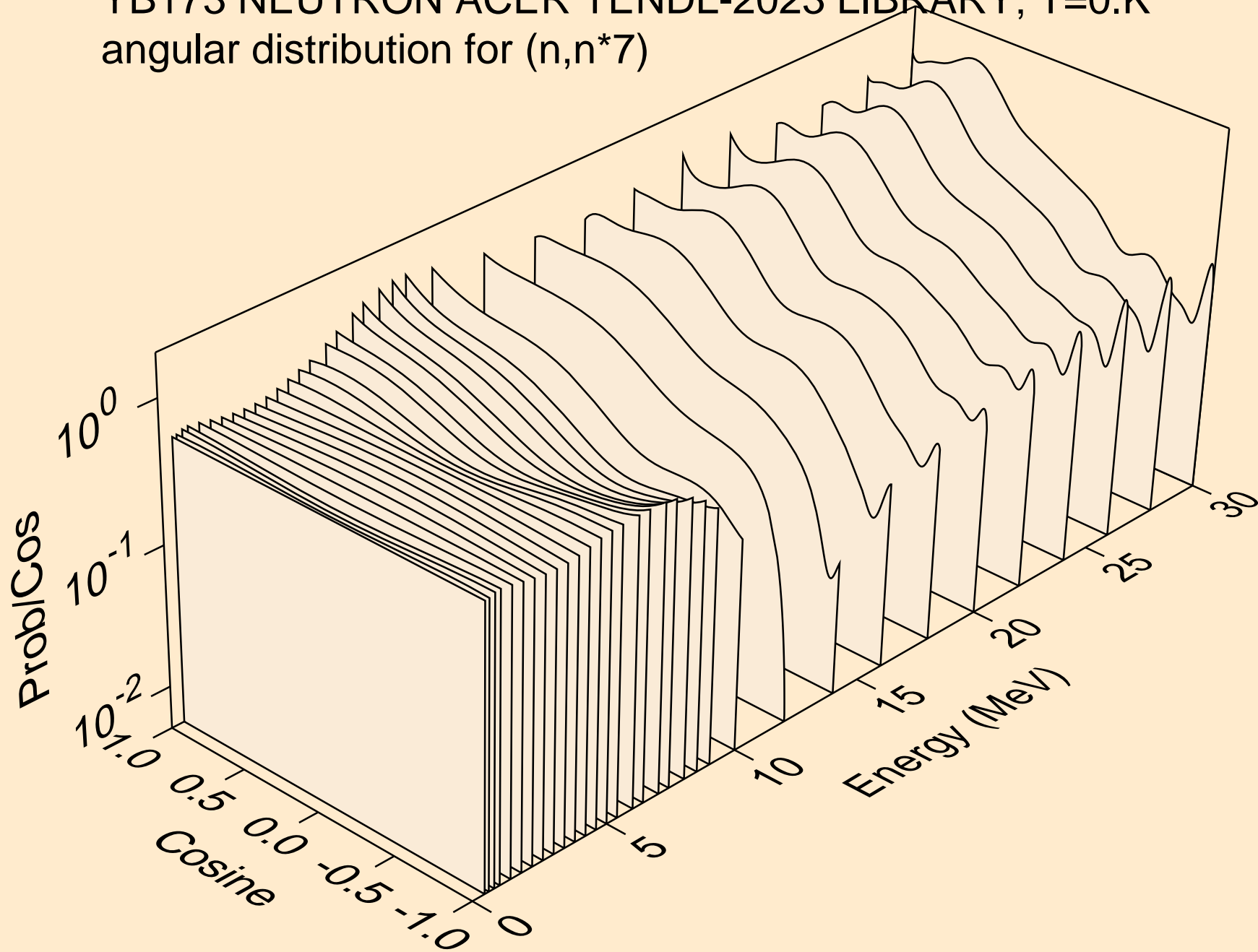
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angular distribution for (n,n\*5)



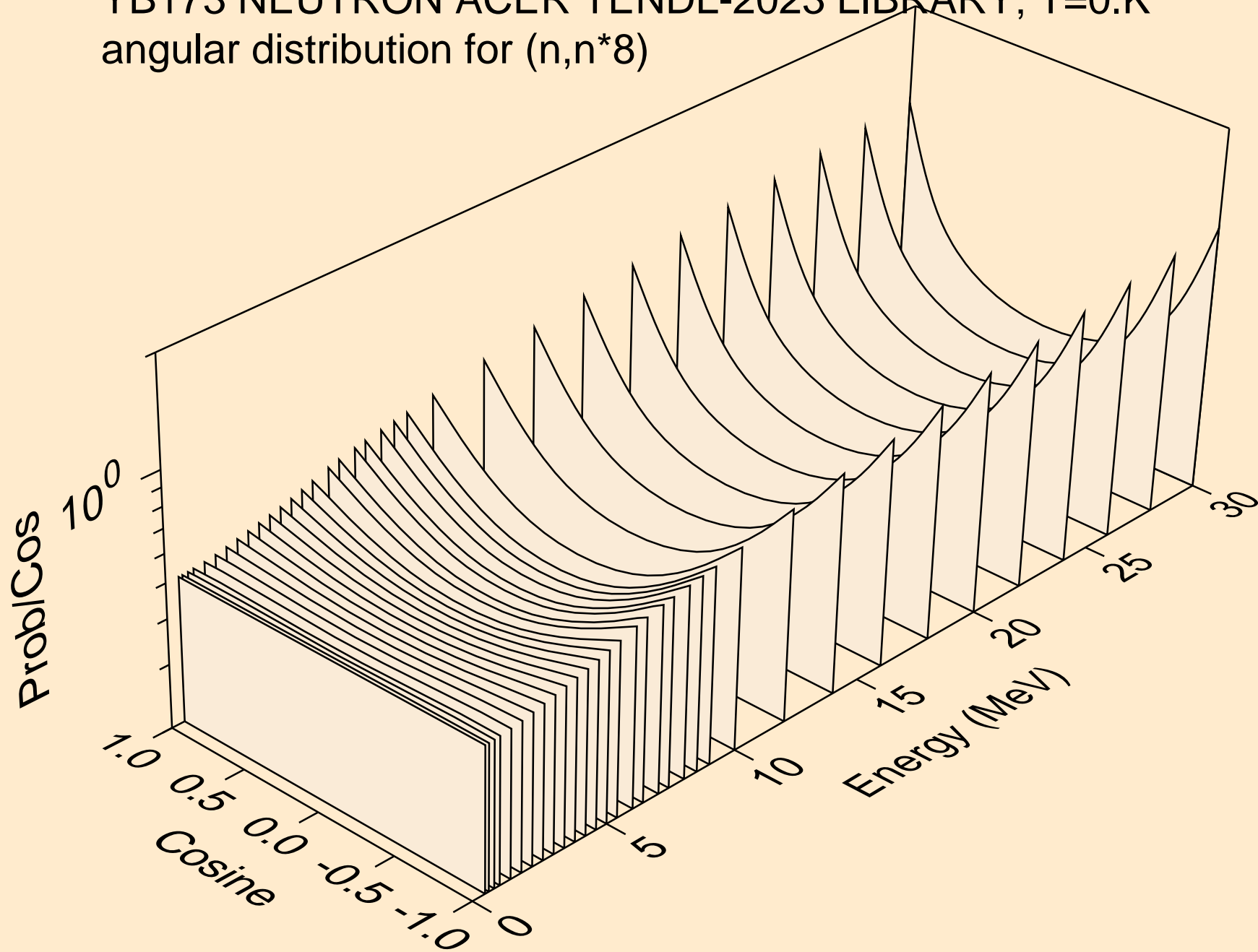
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

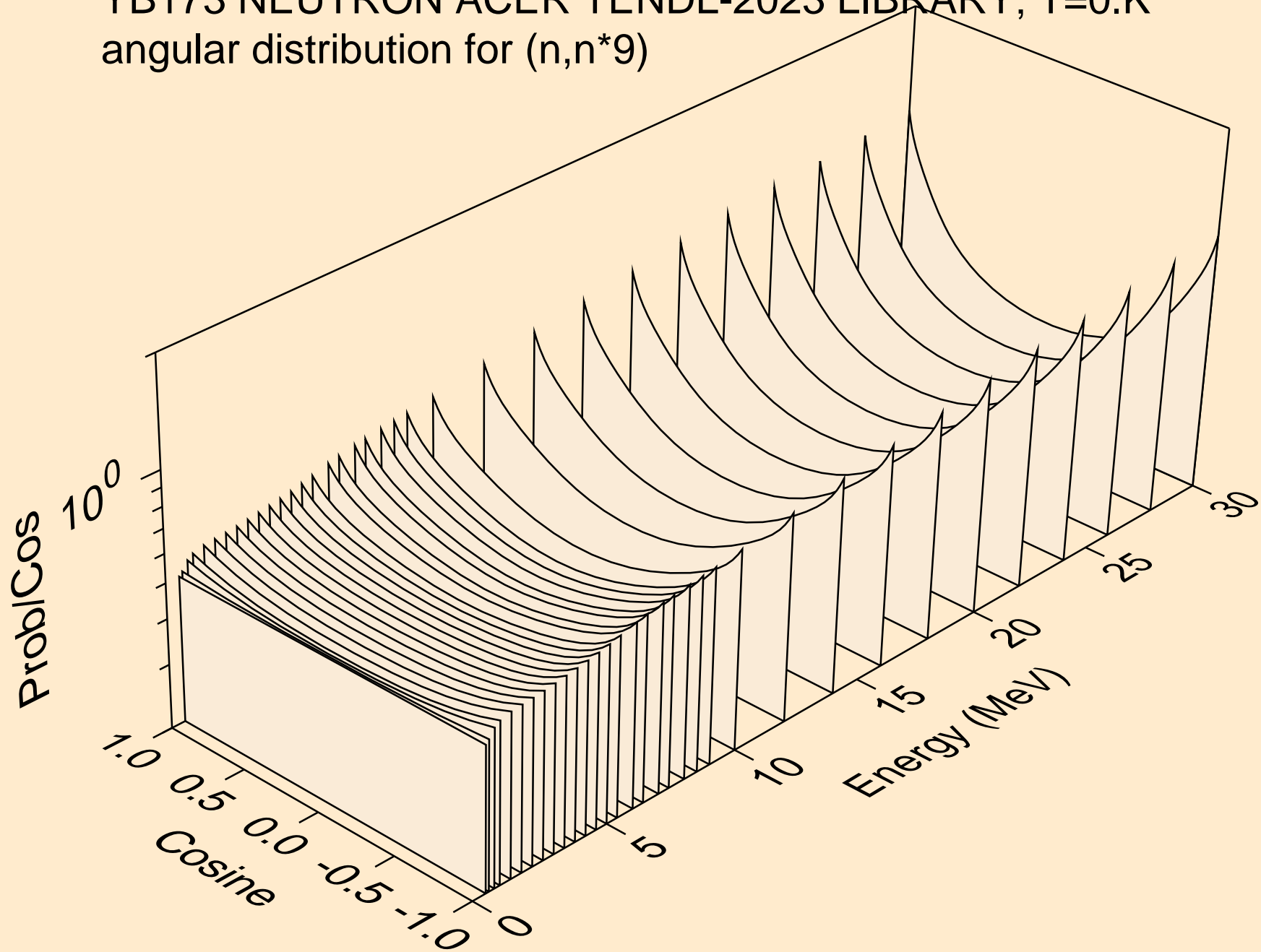


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

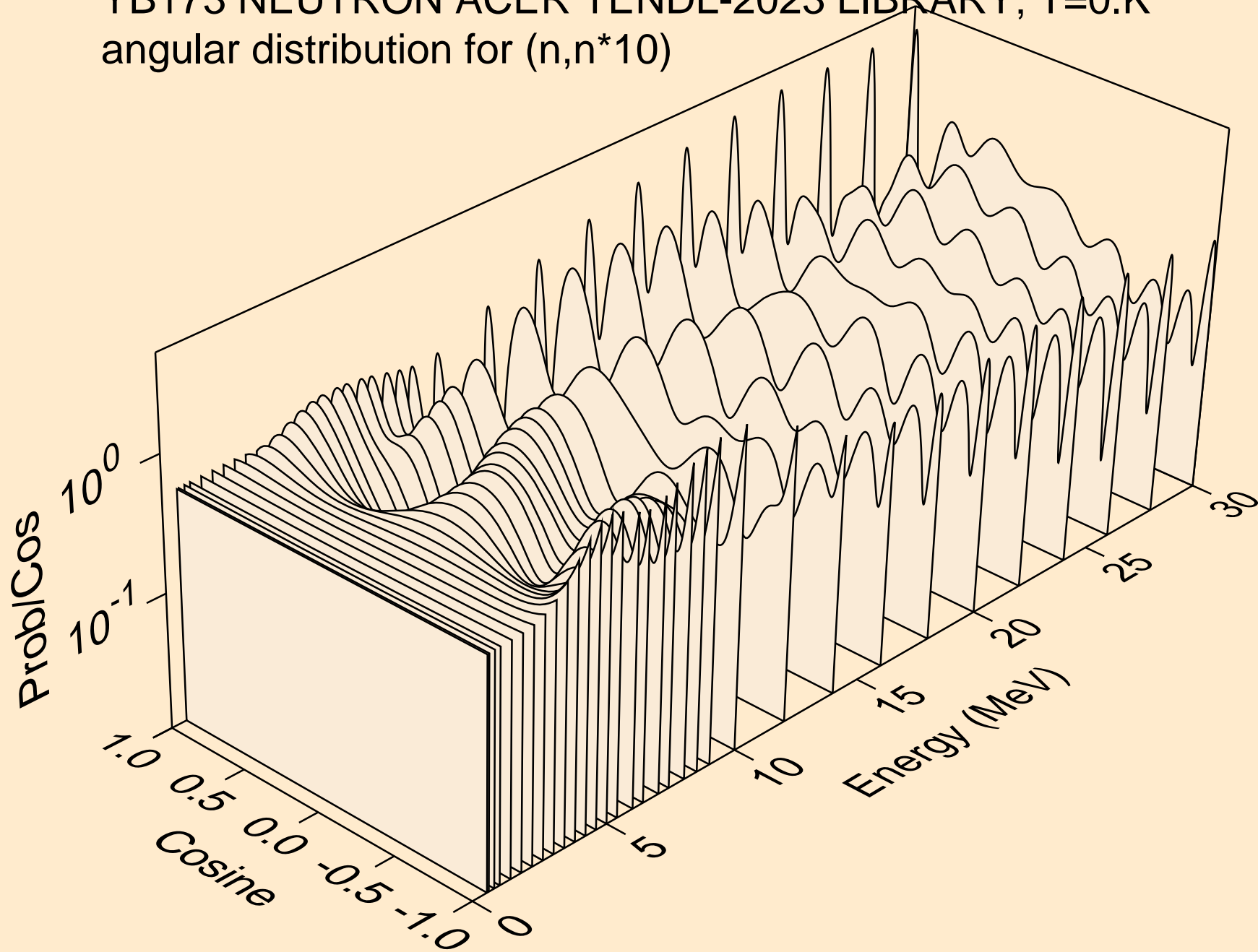




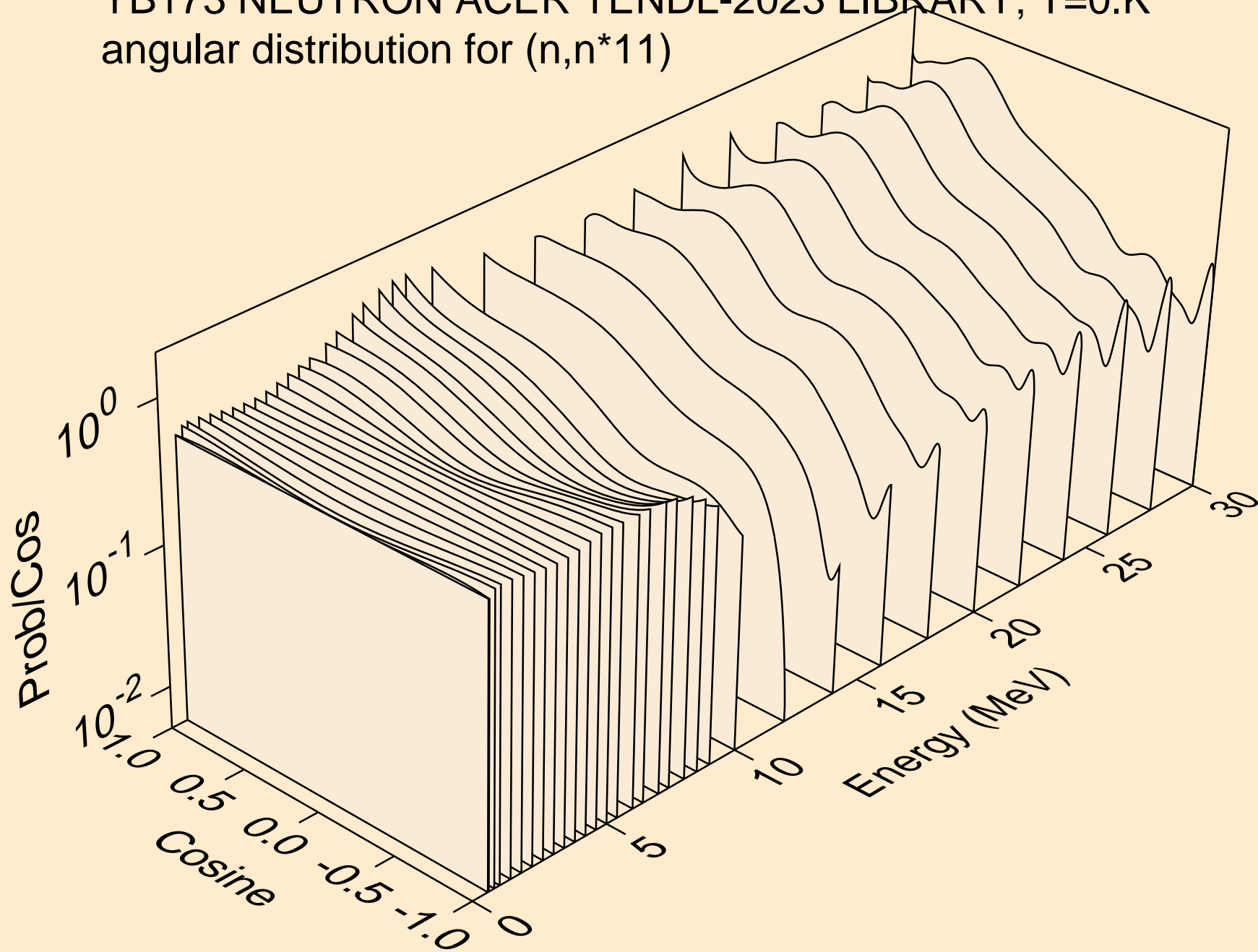
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angular distribution for (n,n\*9)



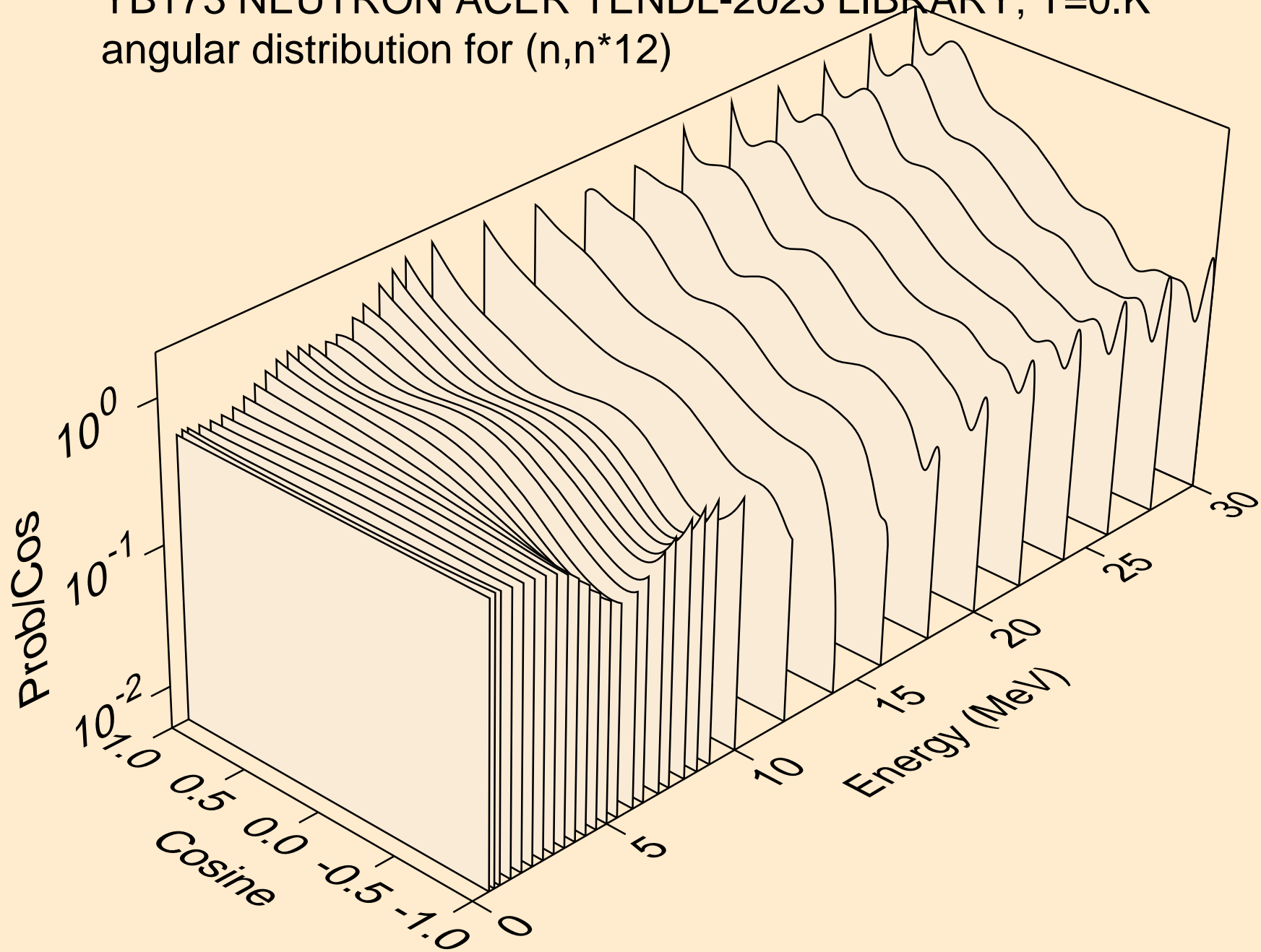
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angular distribution for (n,n\*10)



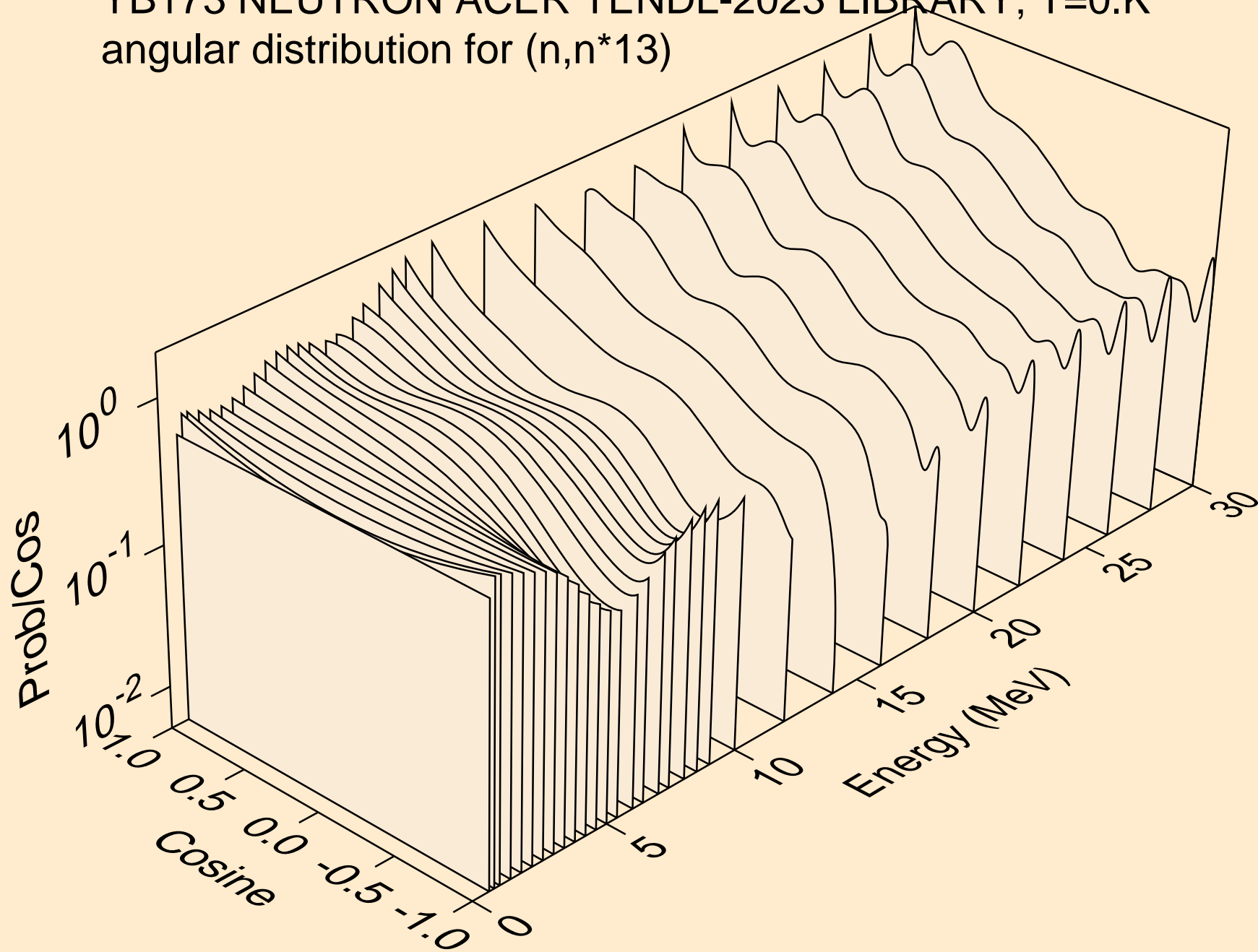
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angular distribution for (n,n\*11)



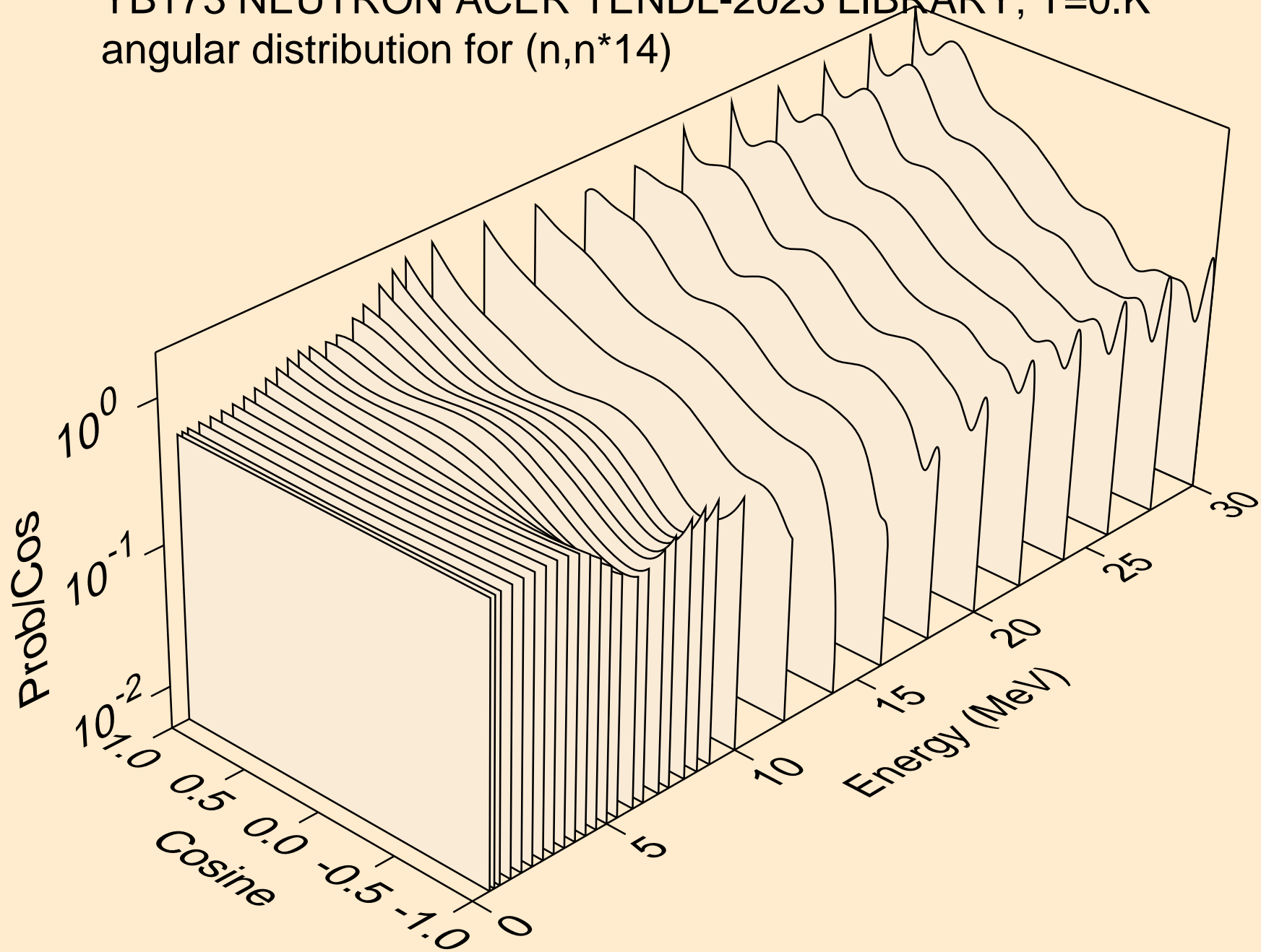
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angular distribution for (n,n\*12)



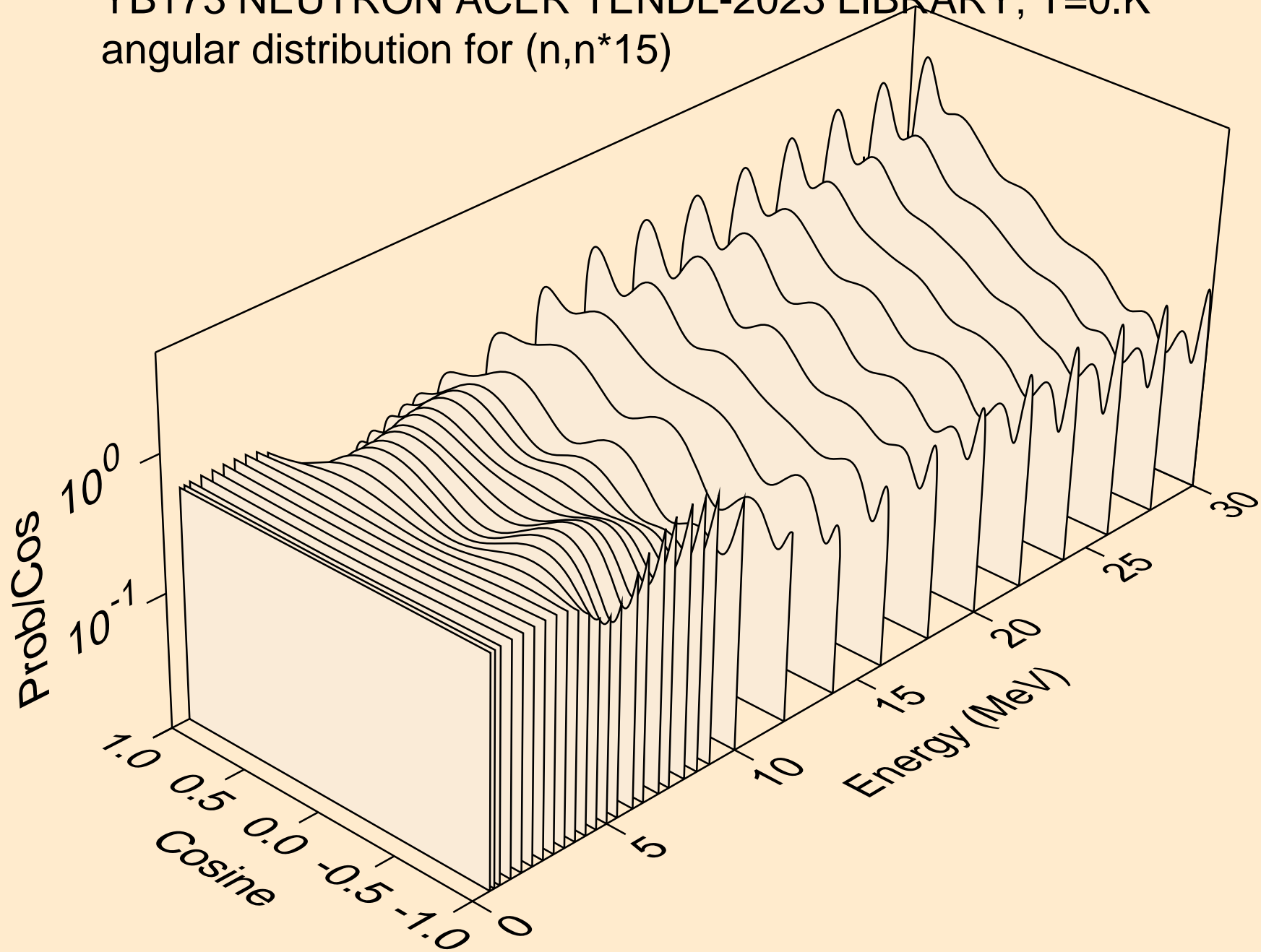
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

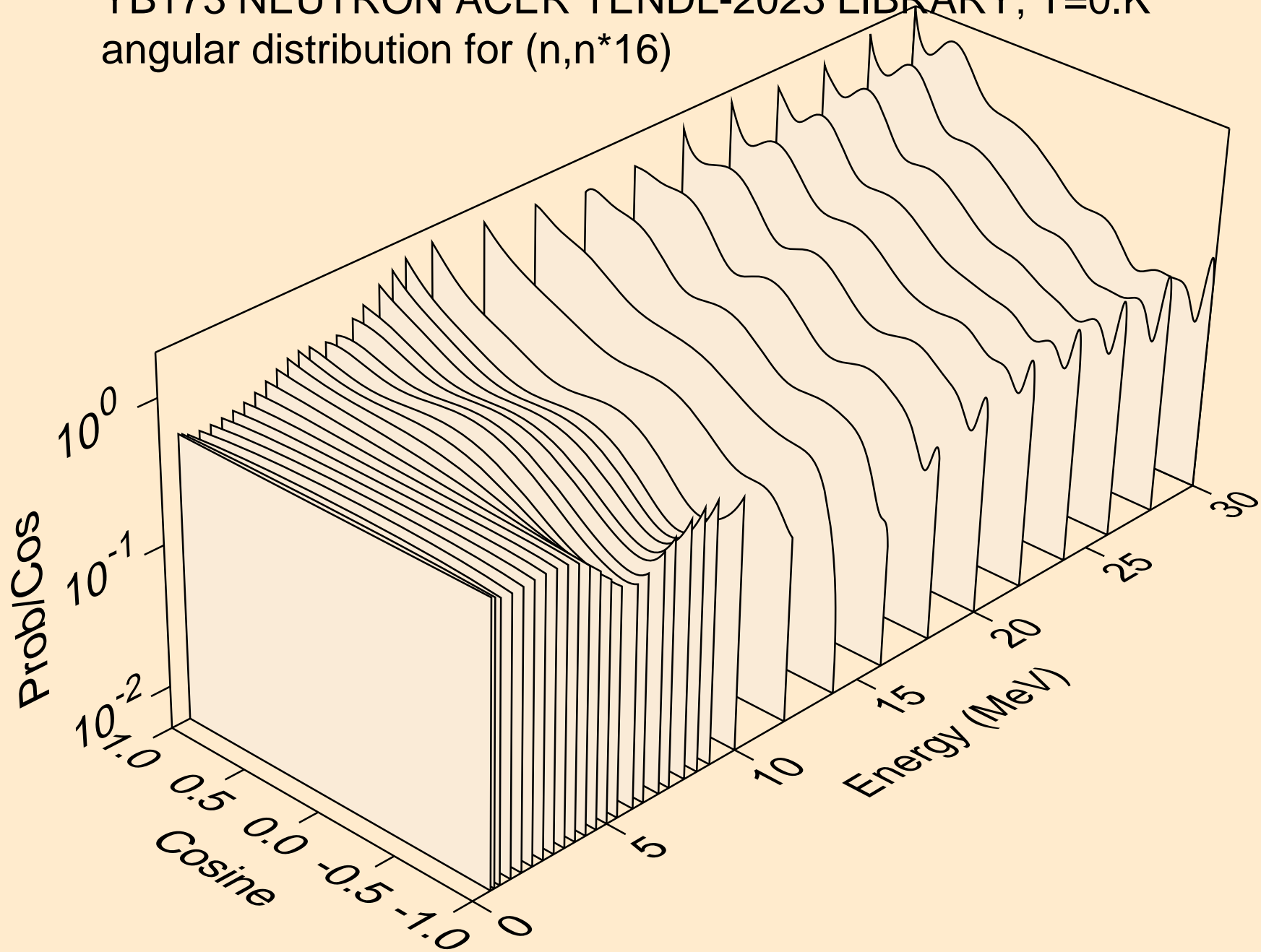


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



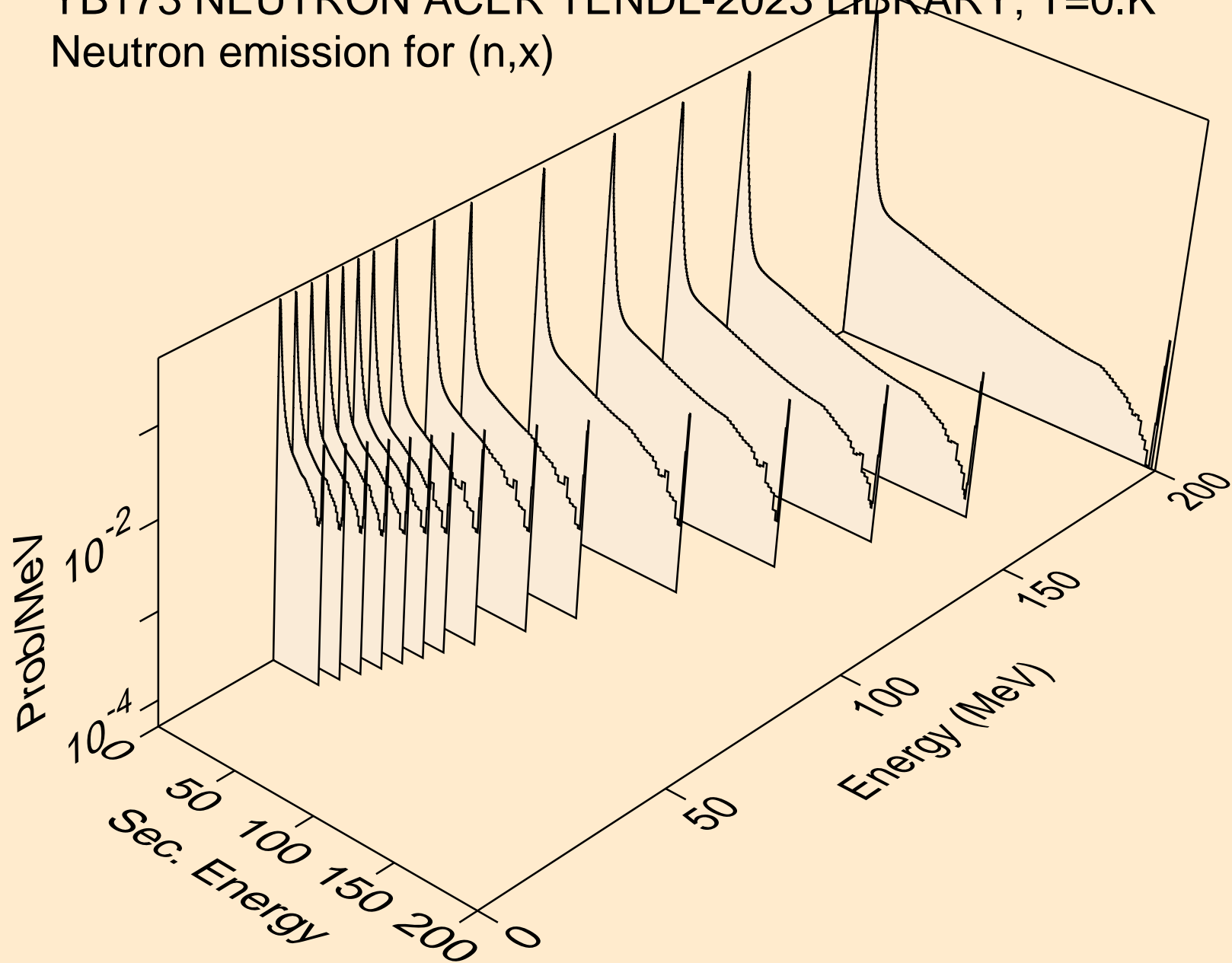


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

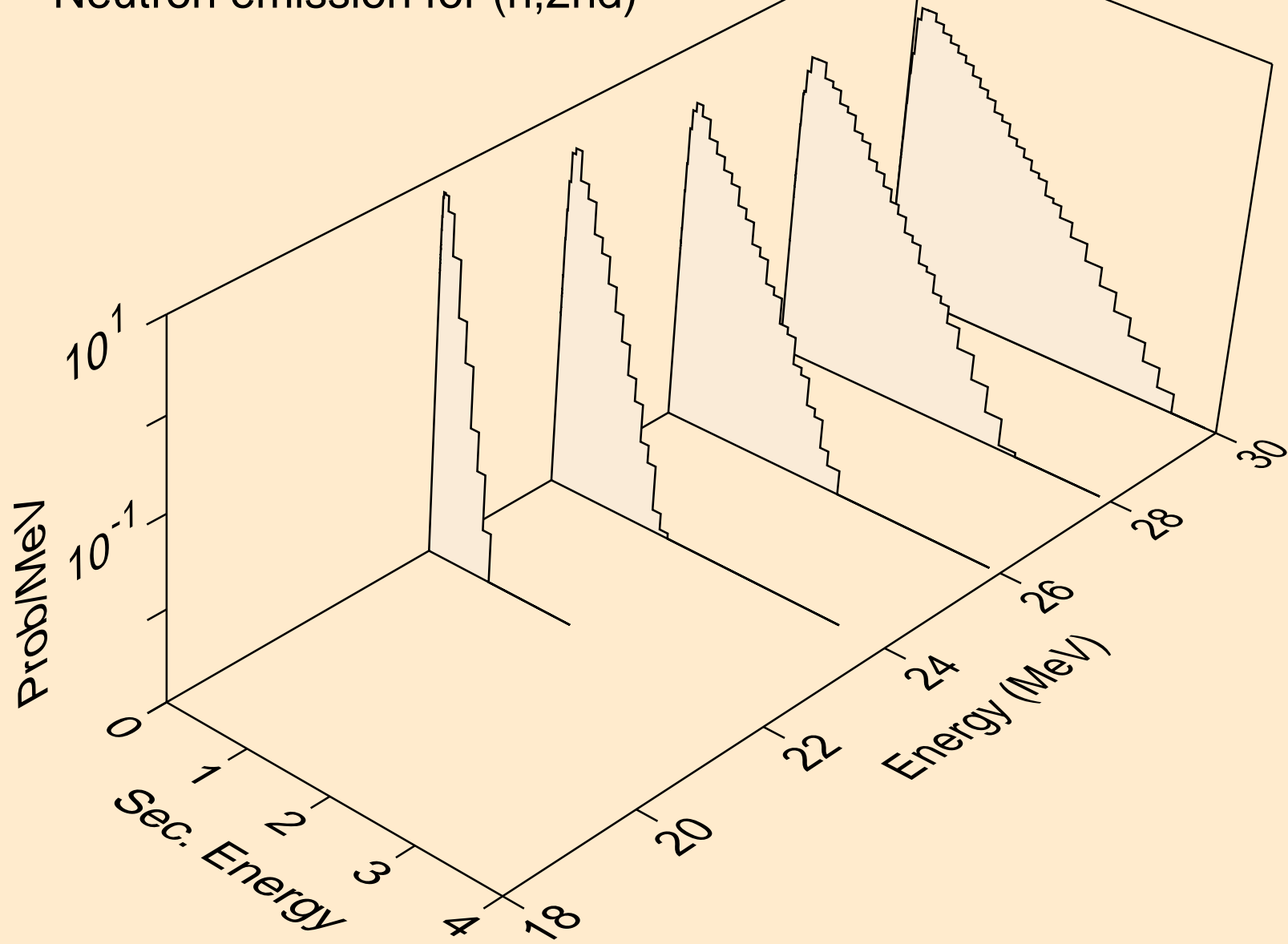




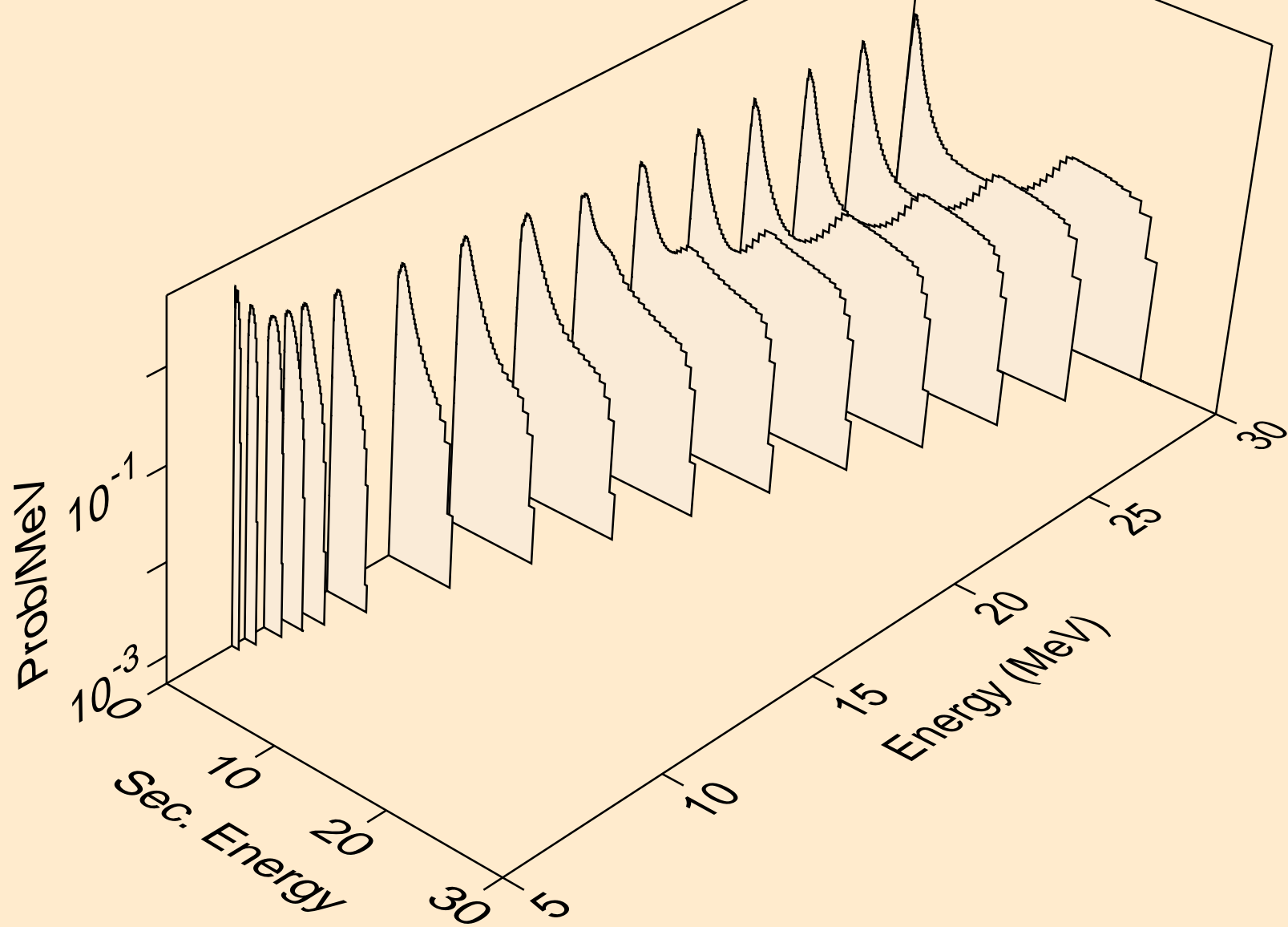
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



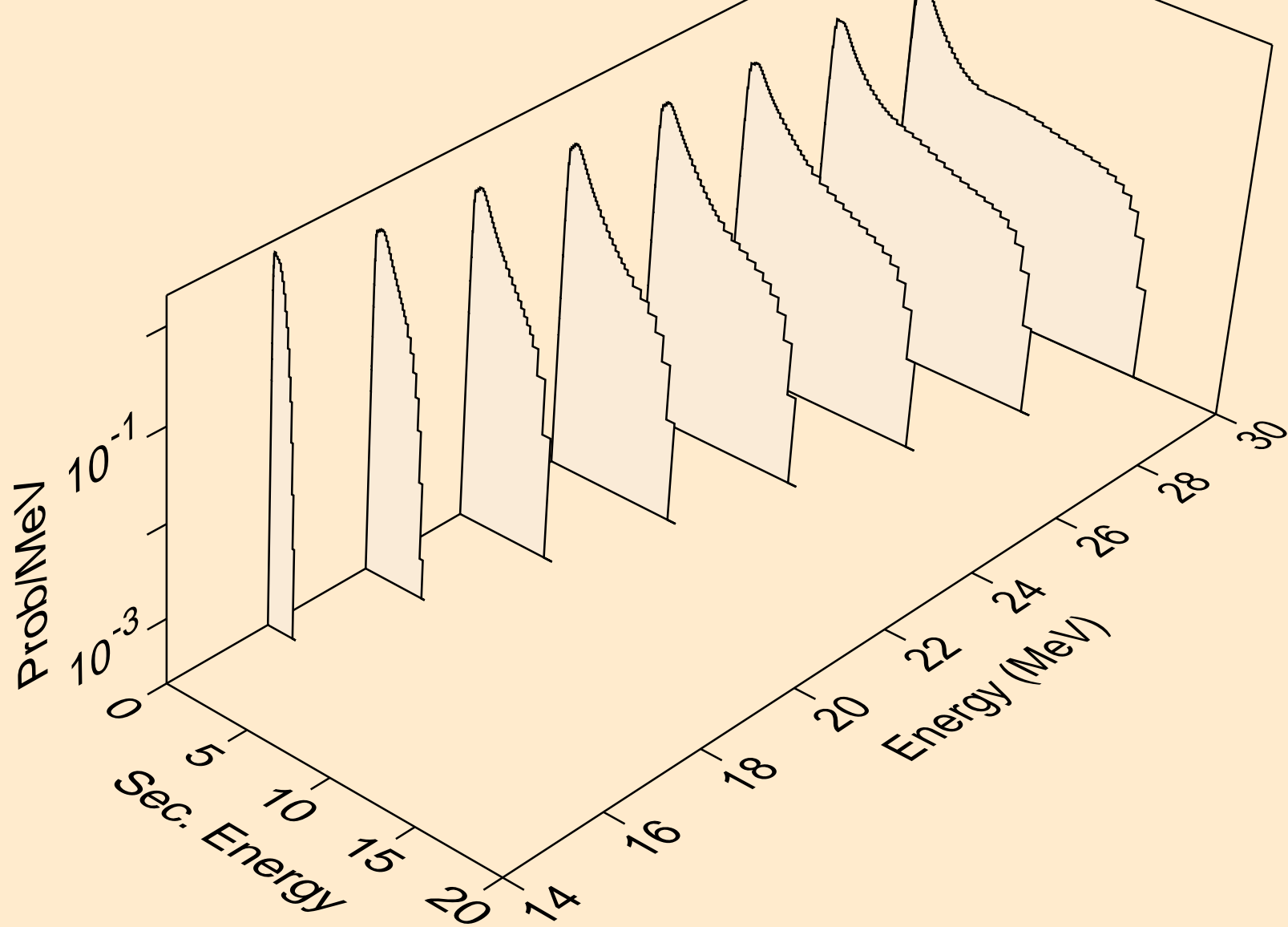
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



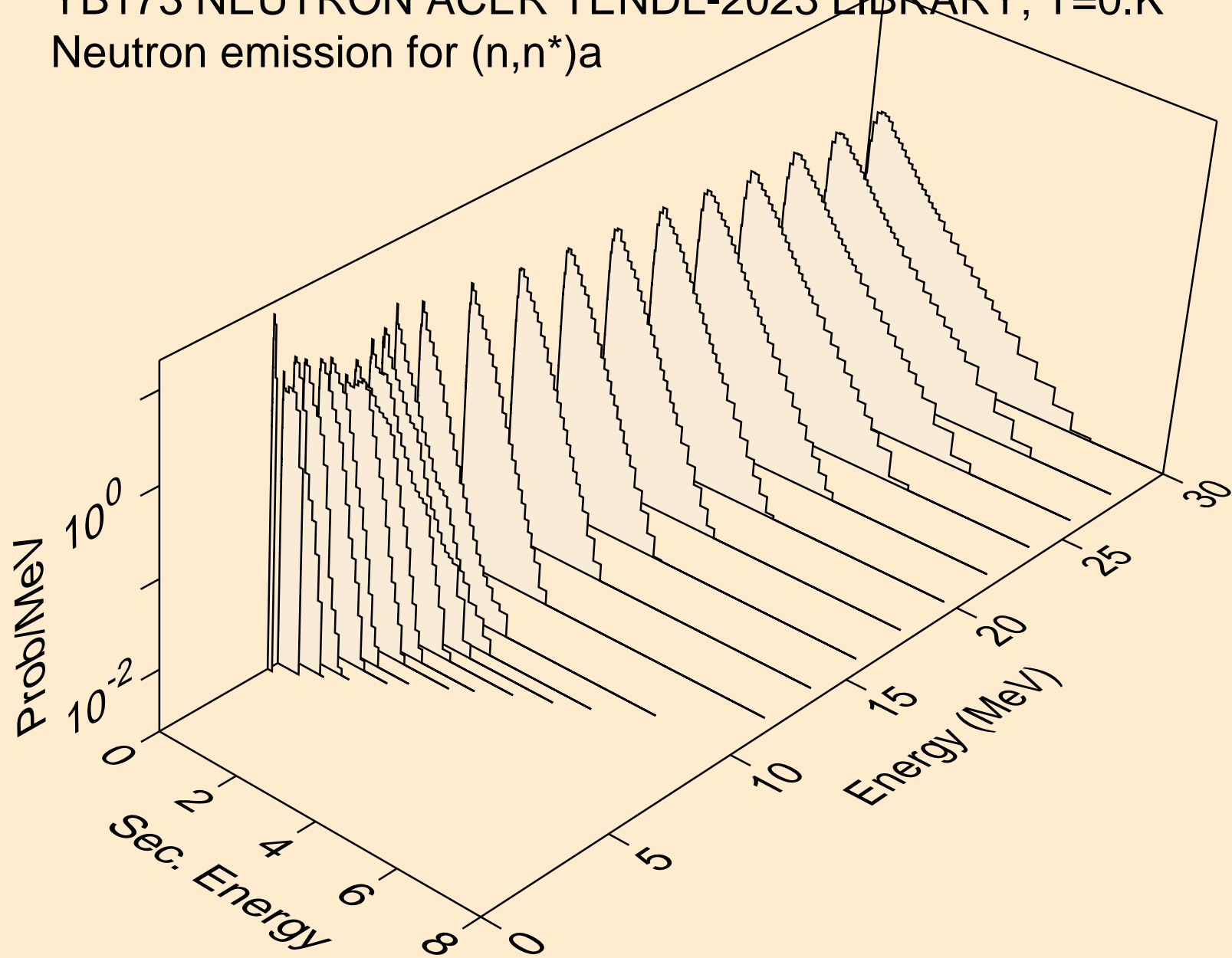
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



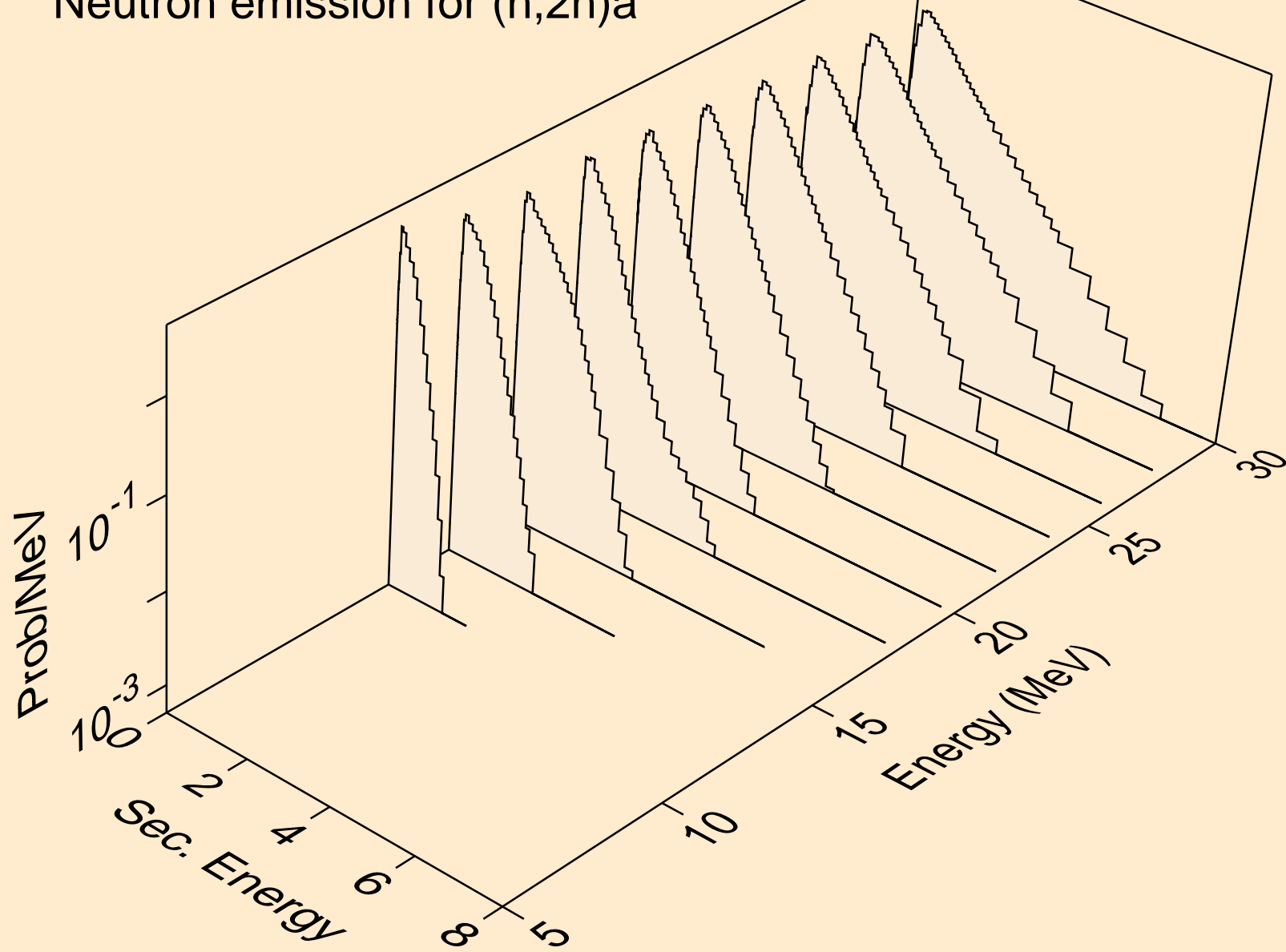
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



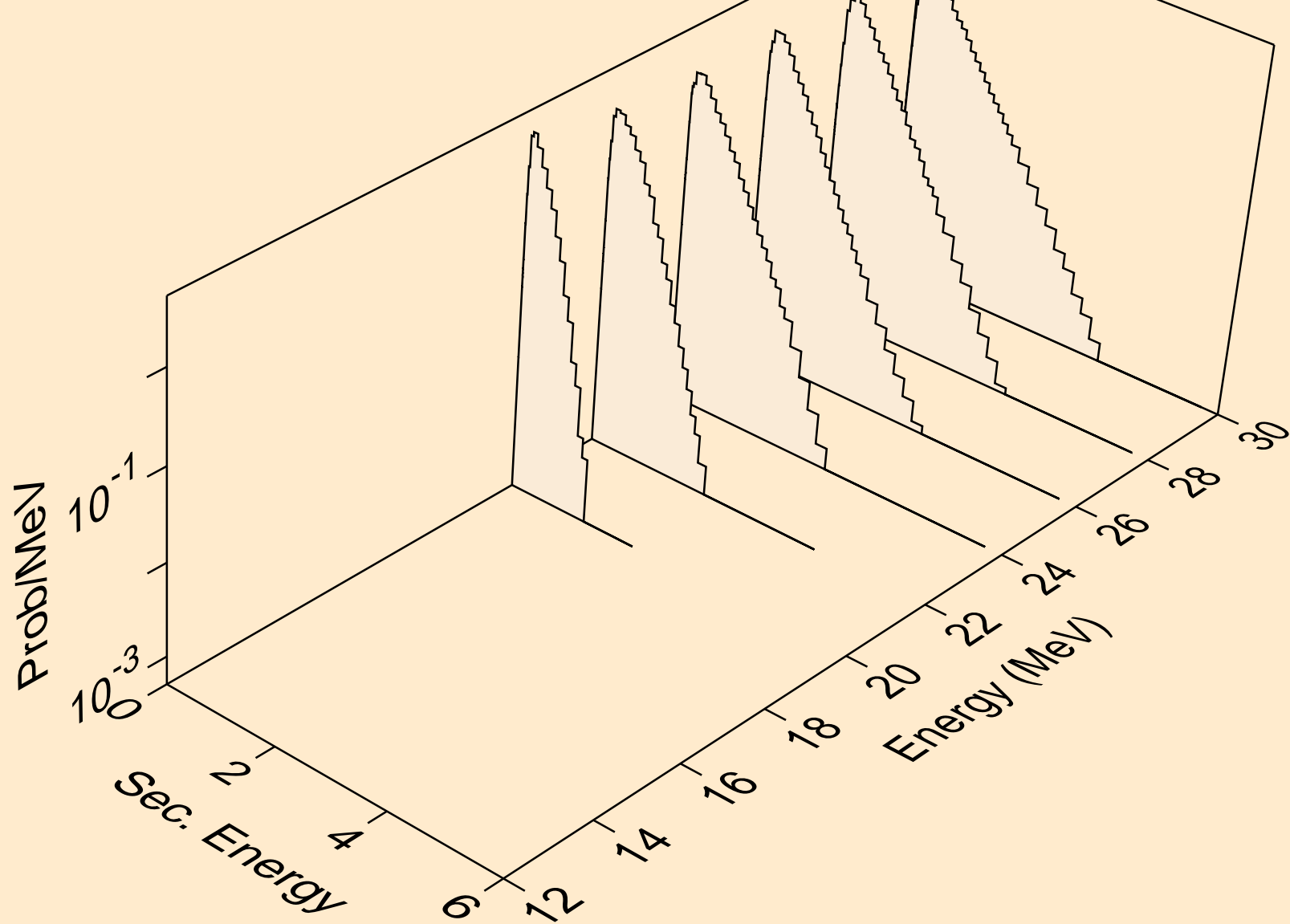
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



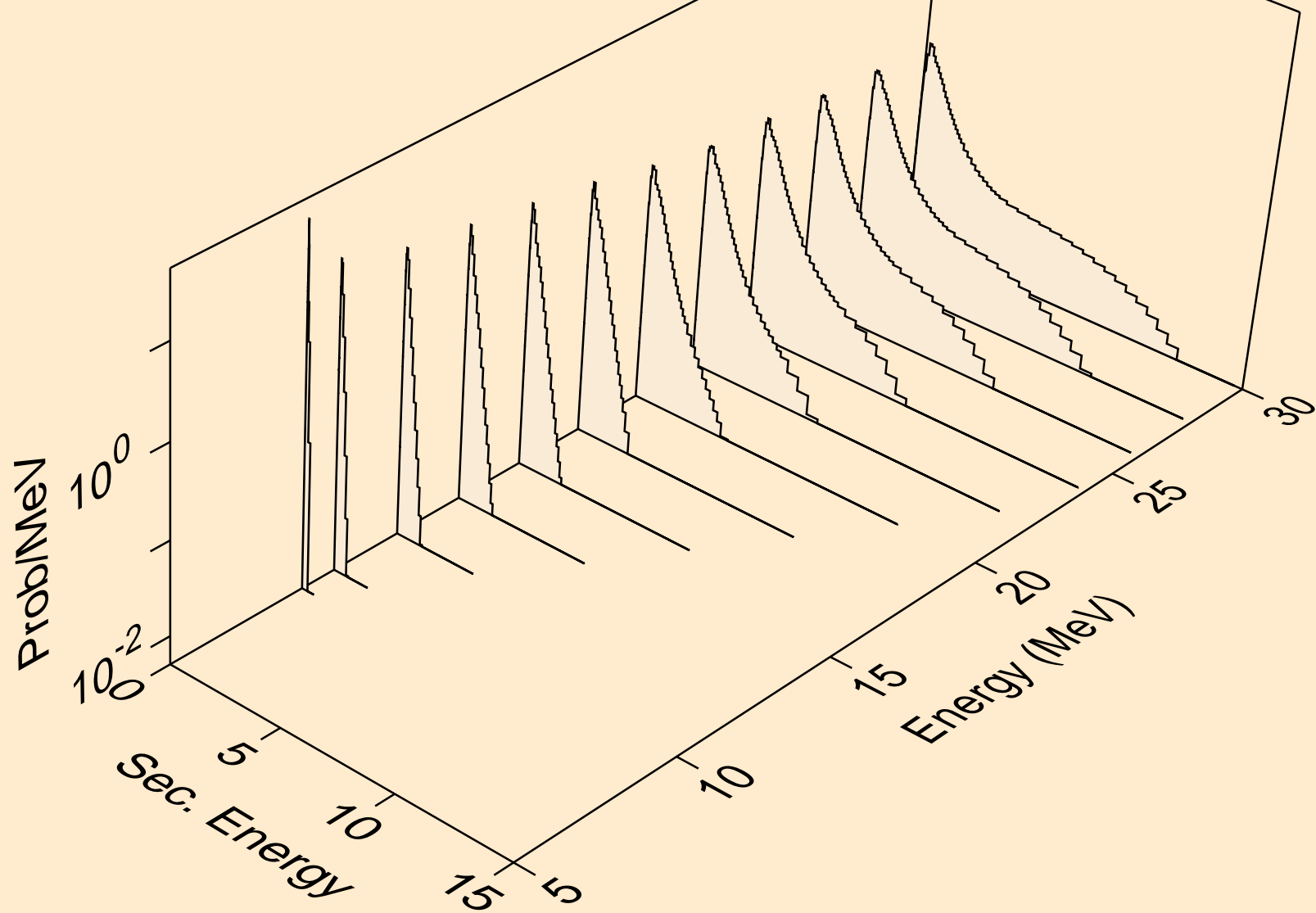
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

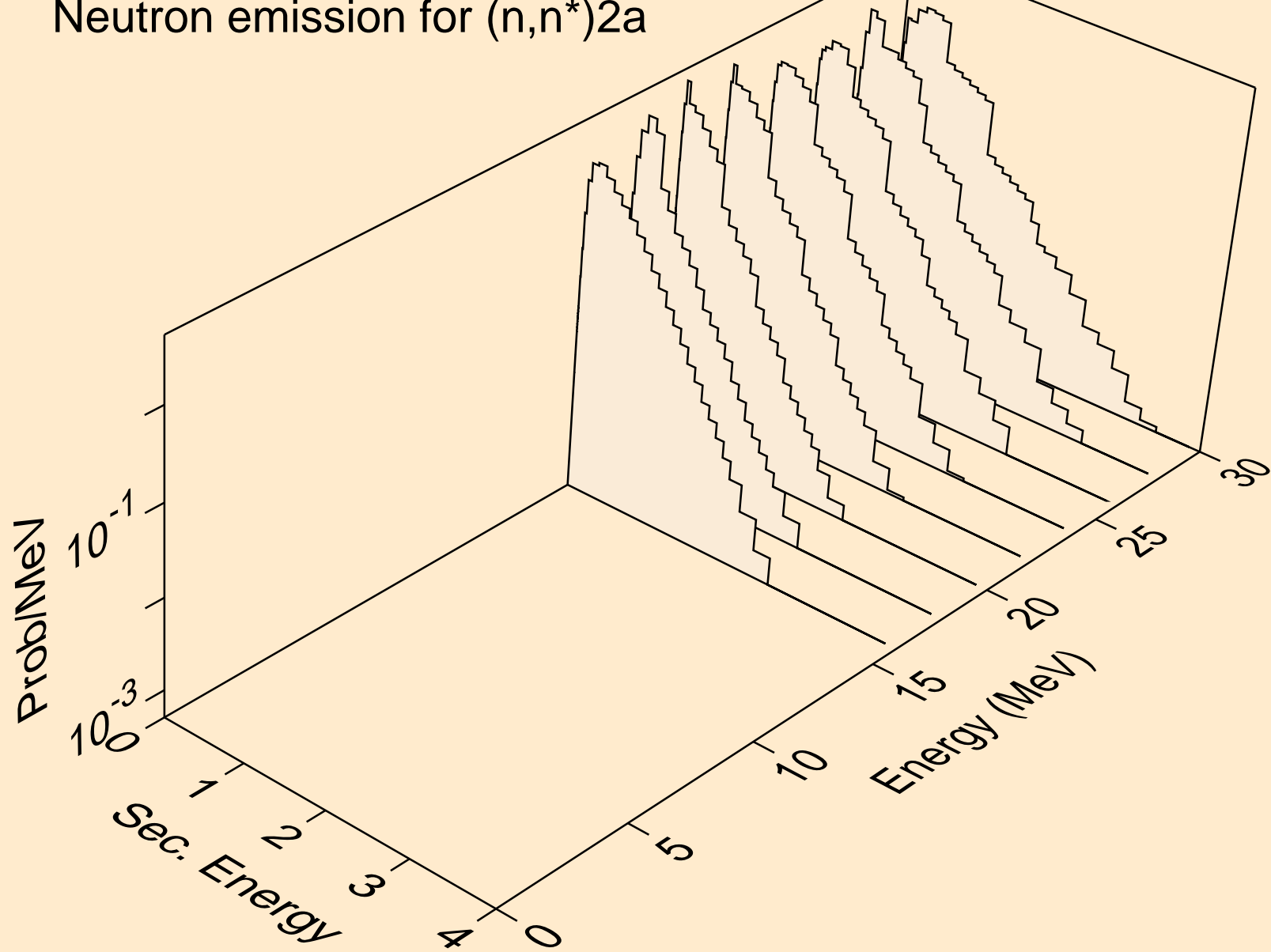


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

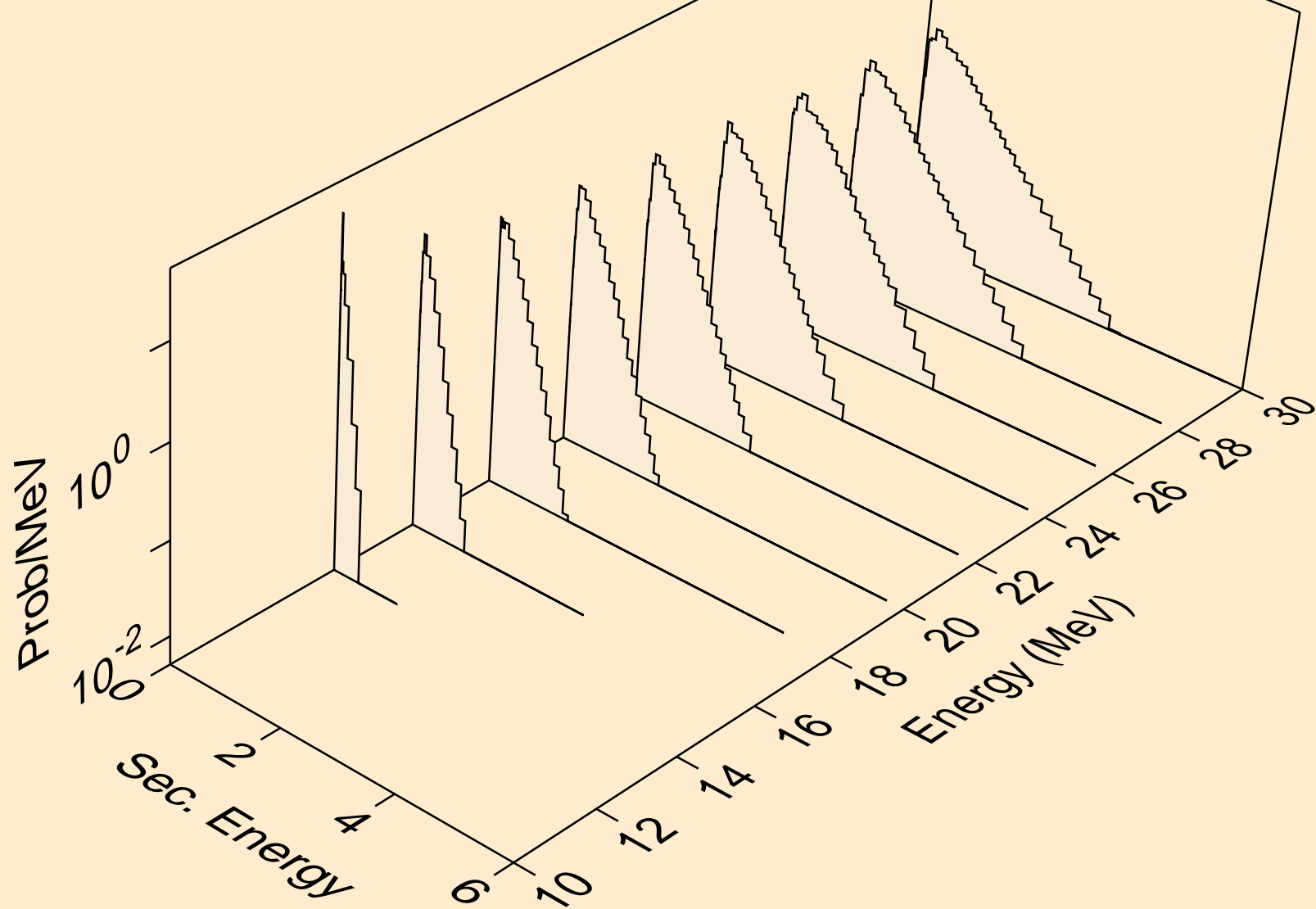




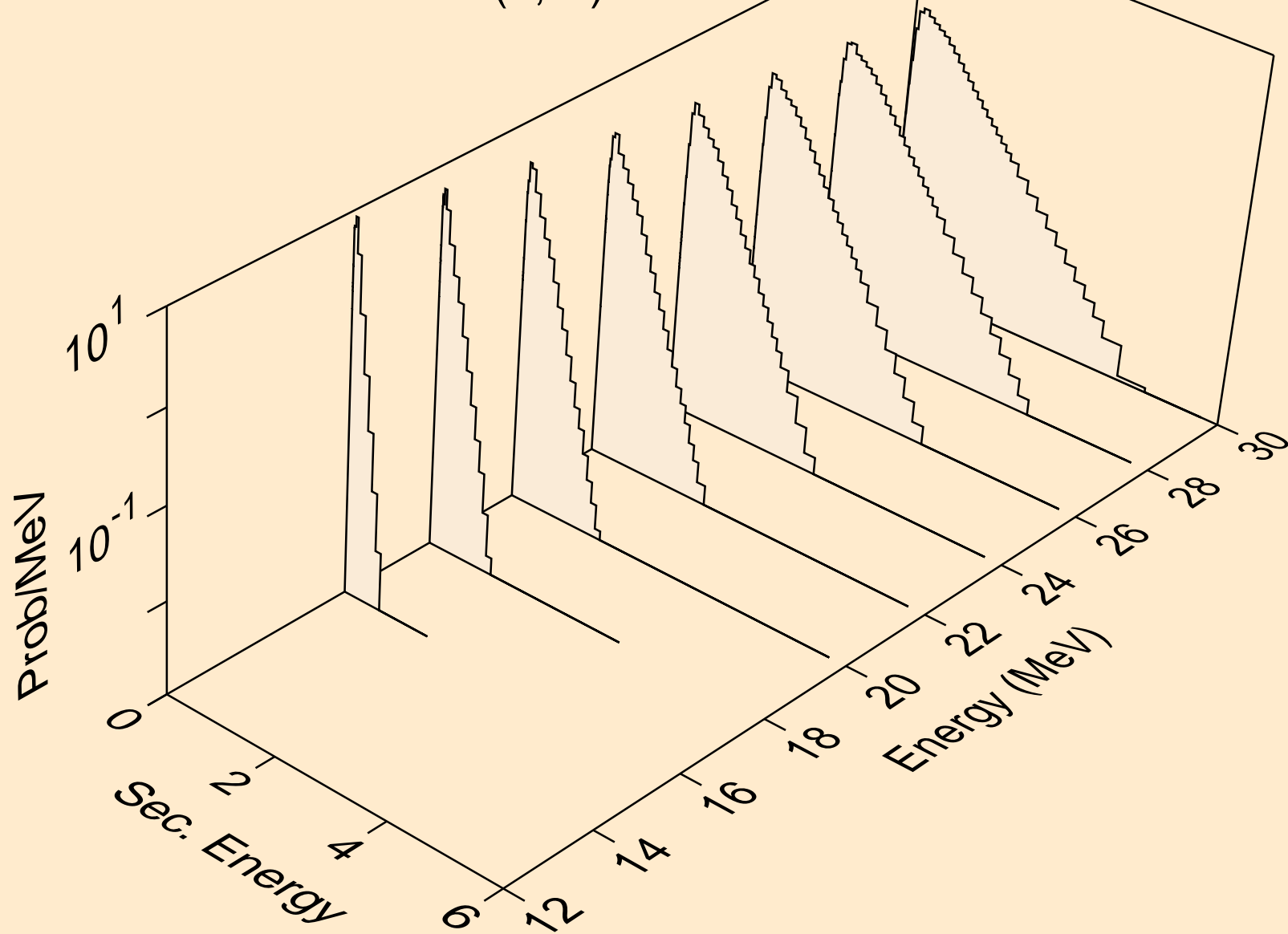
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



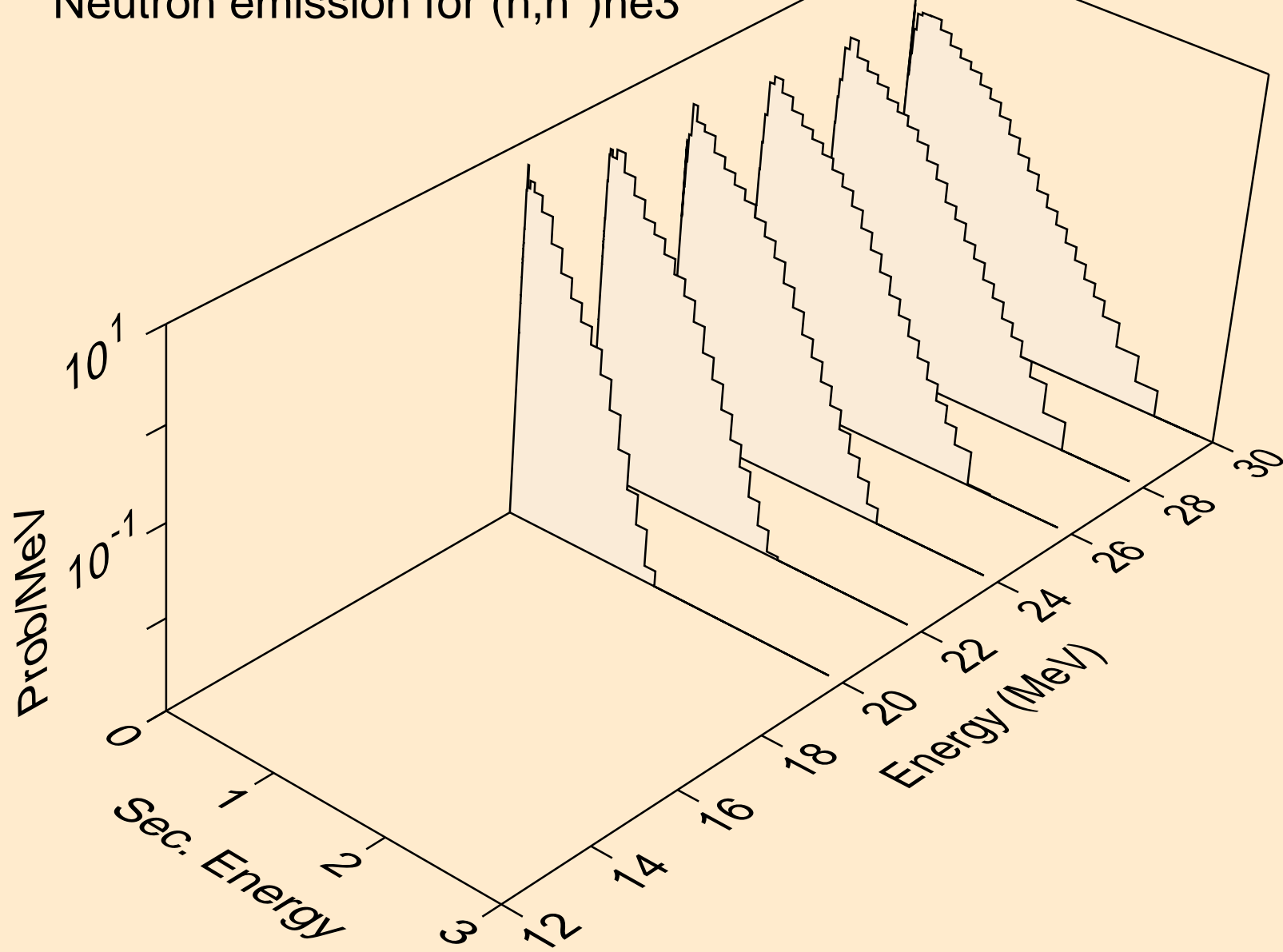
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



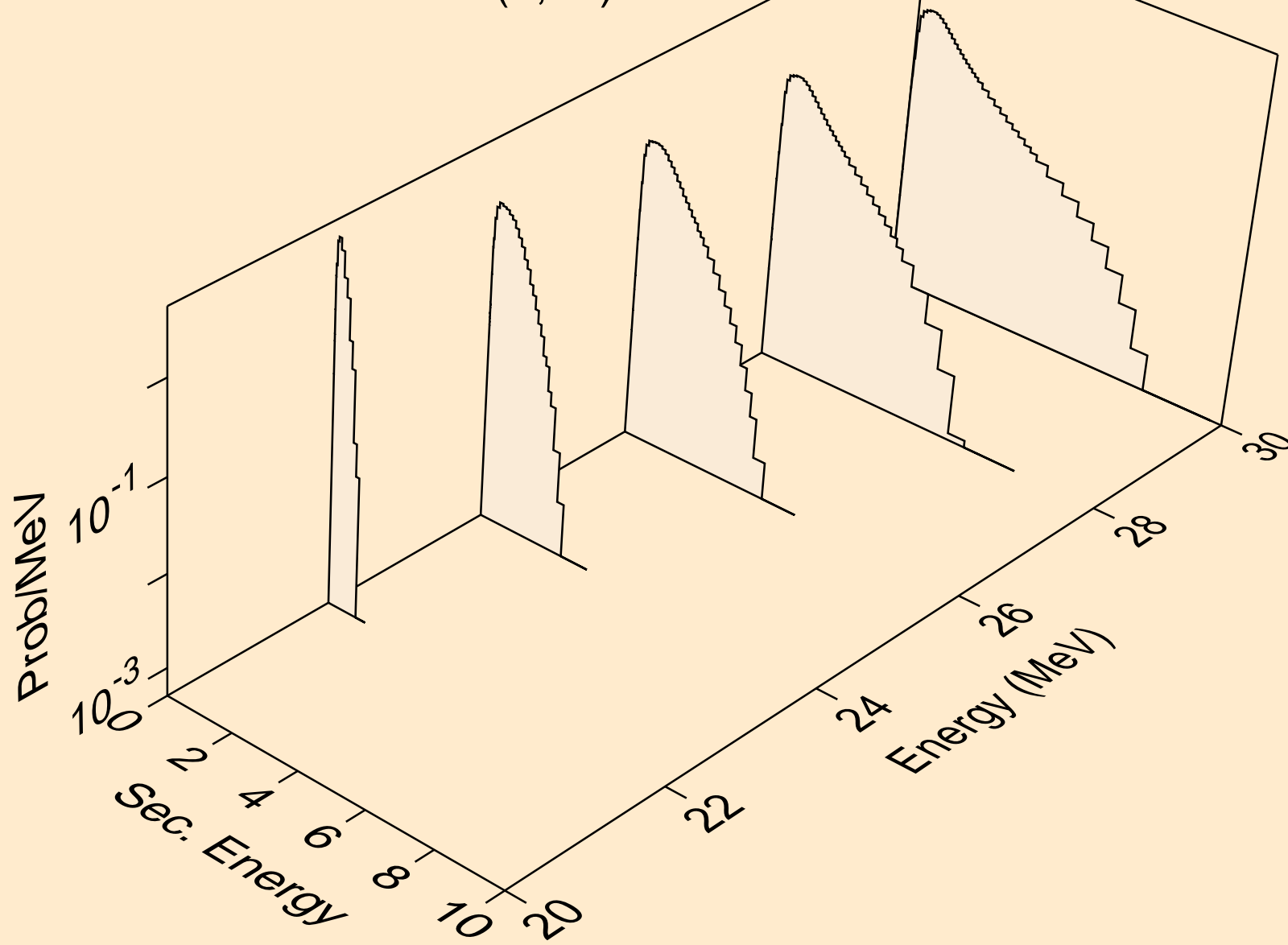
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



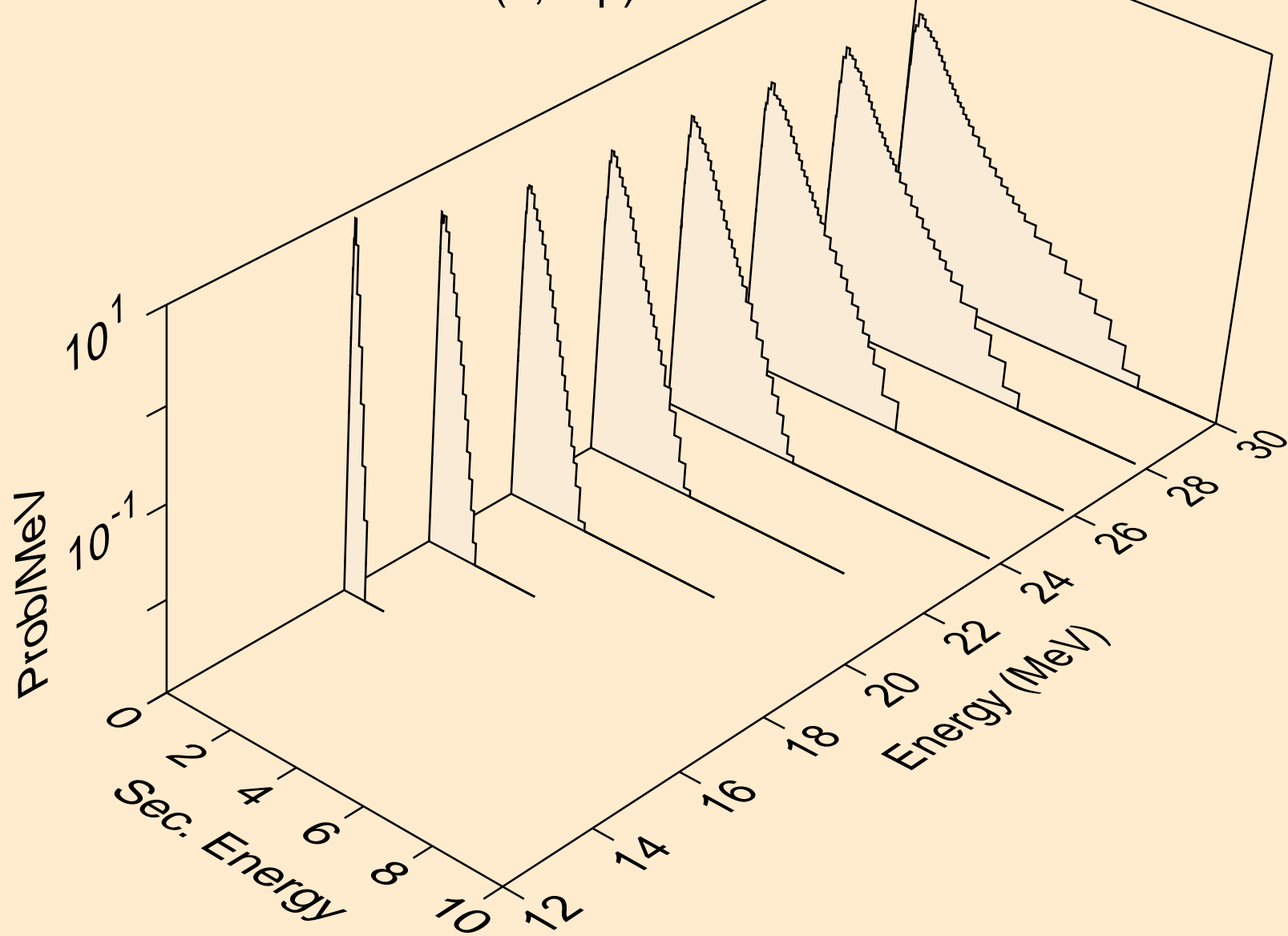
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



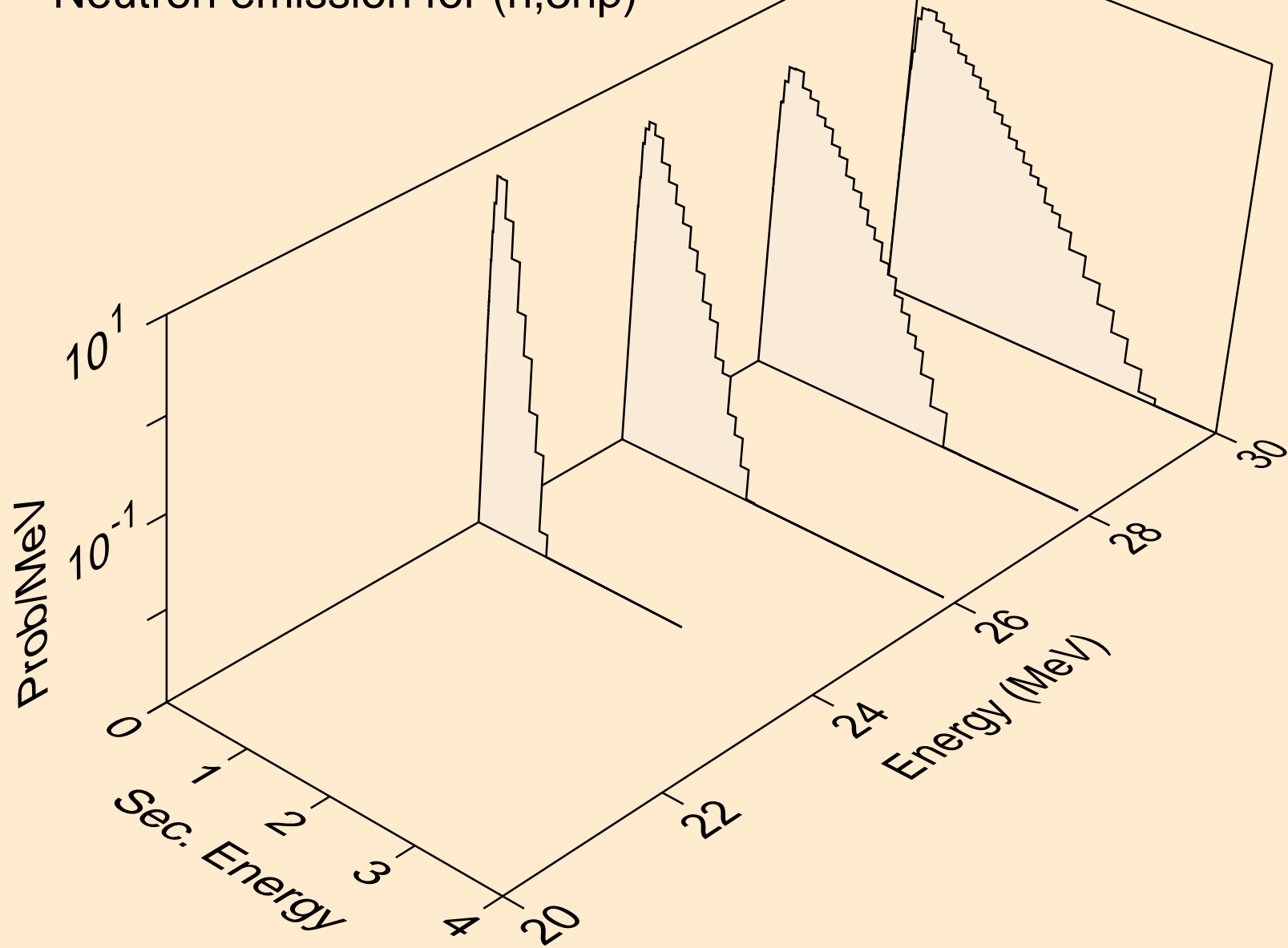
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



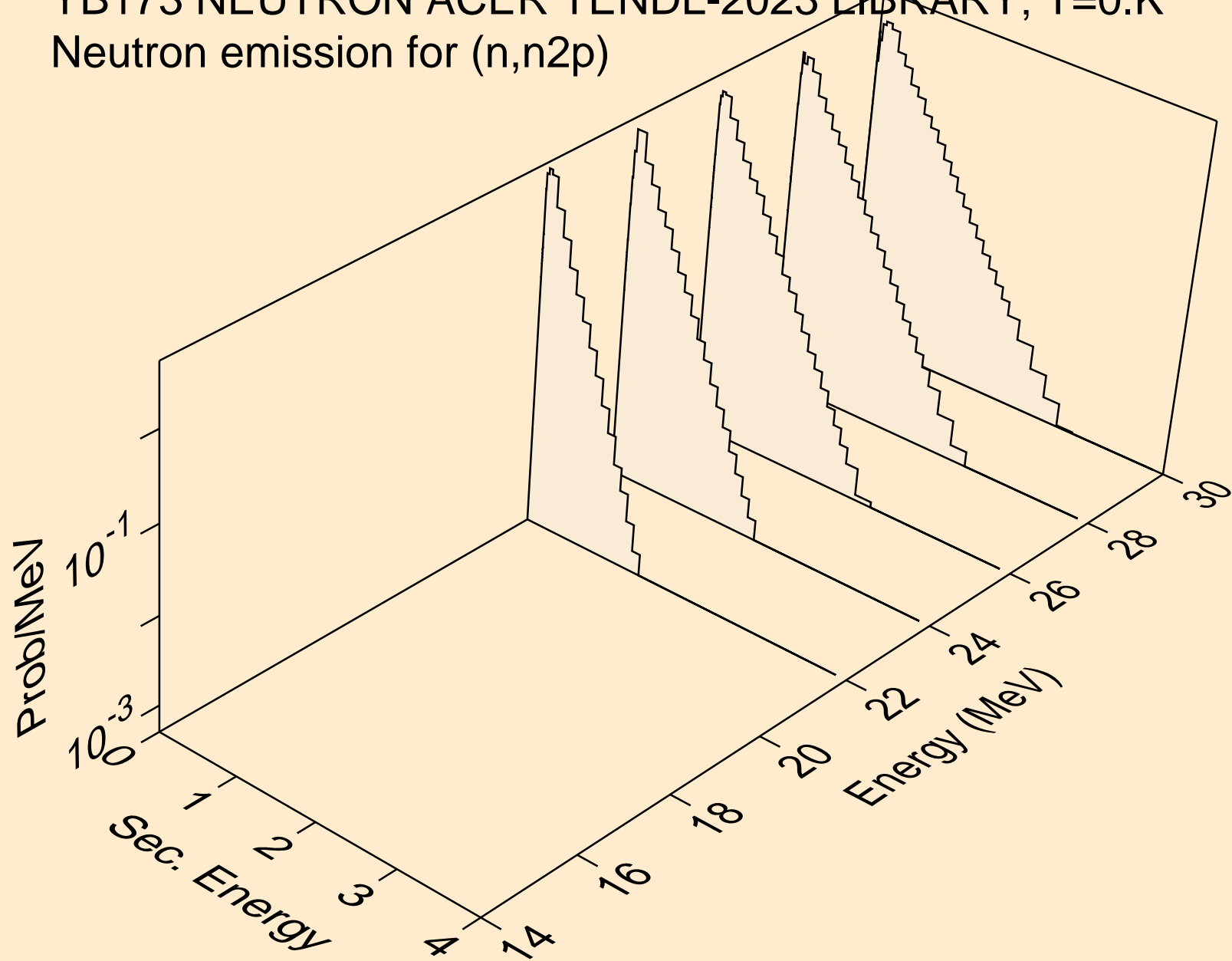
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

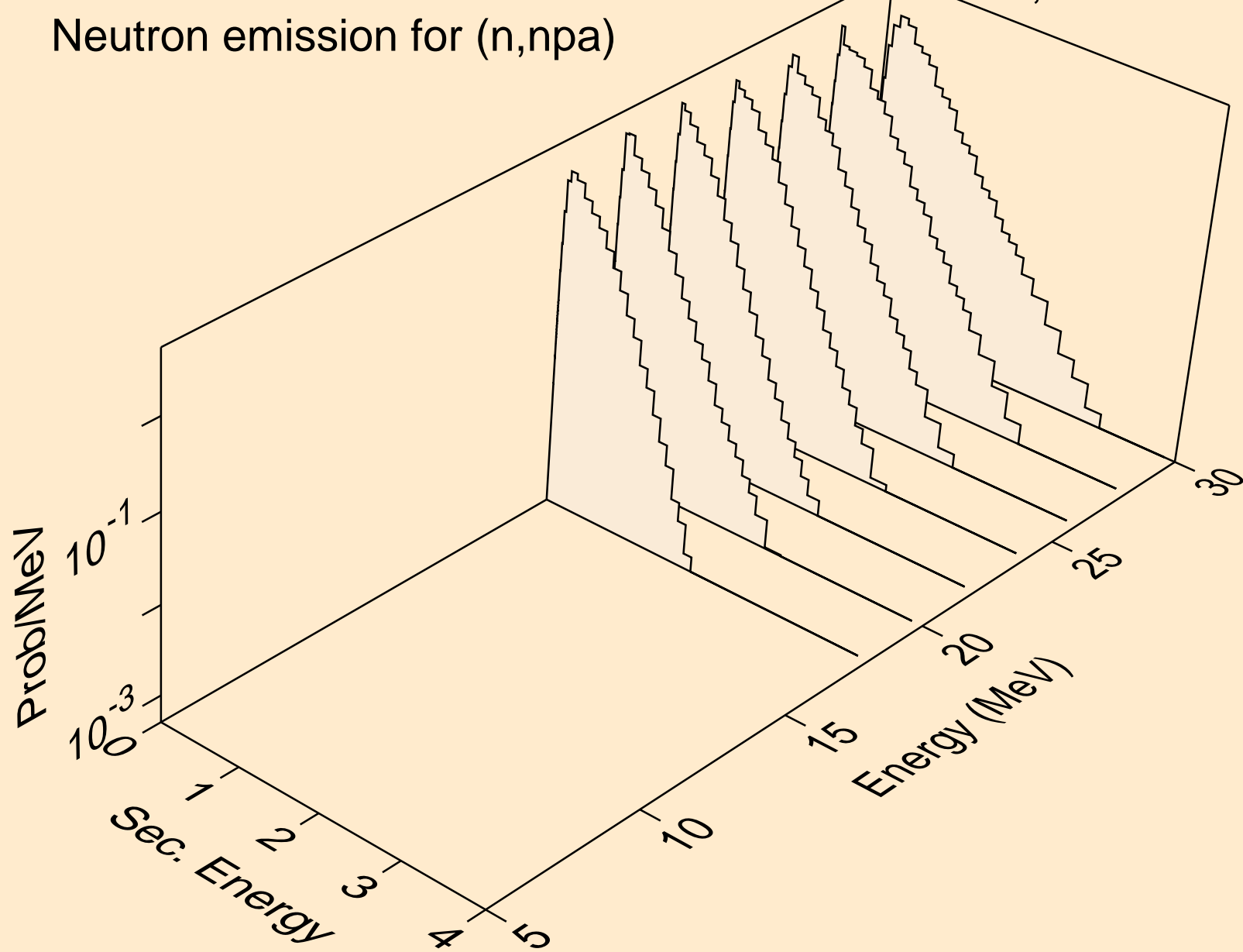


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

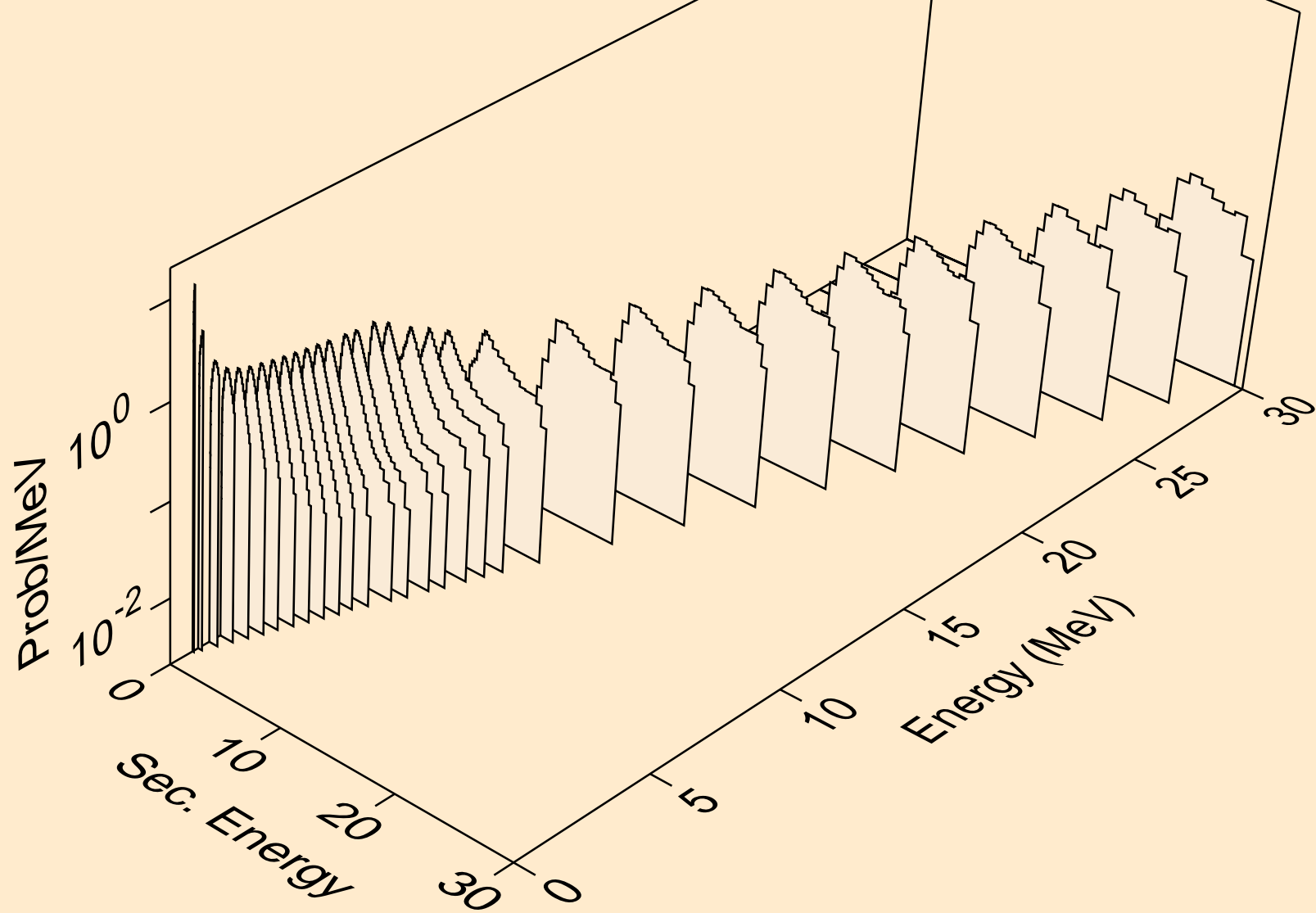




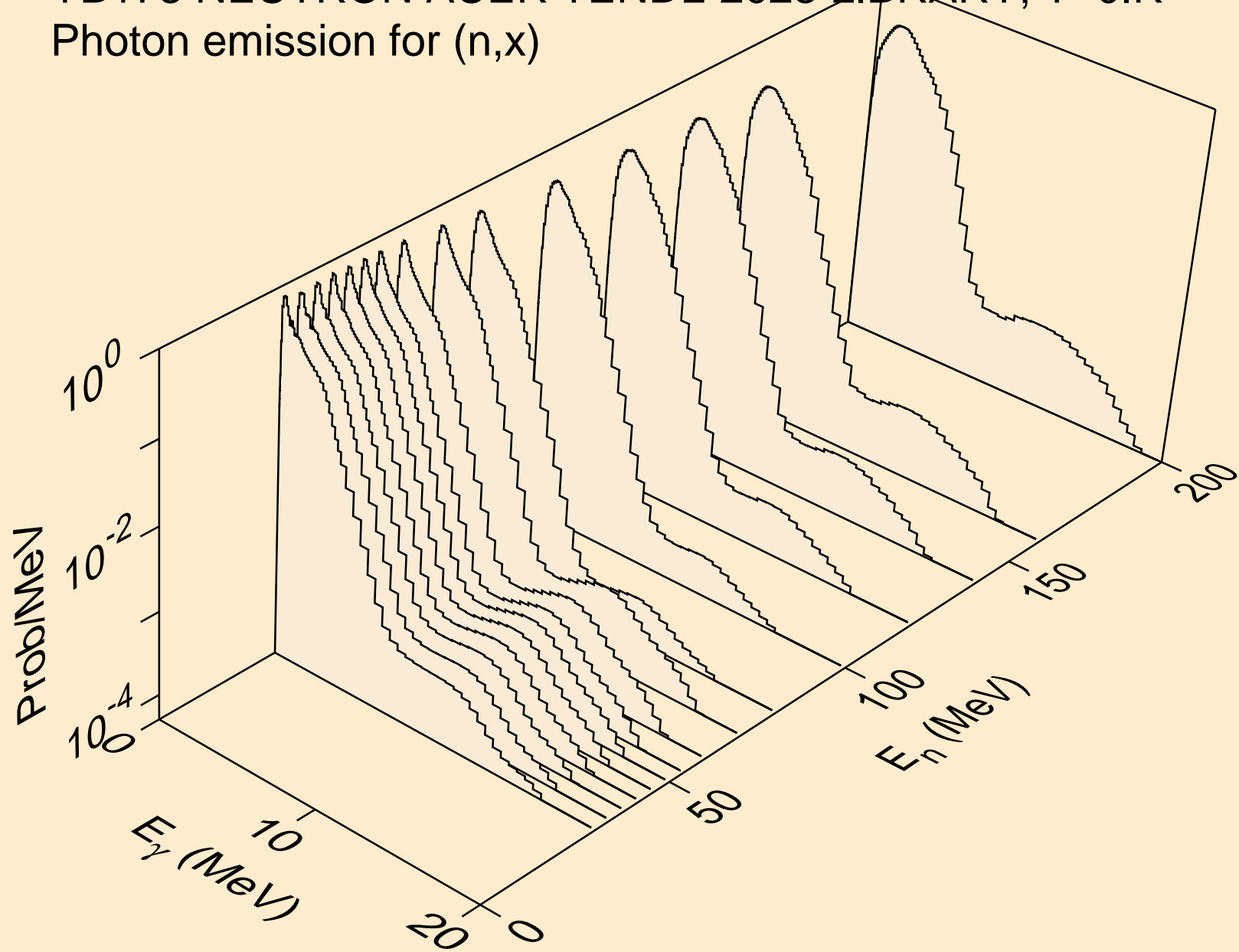
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



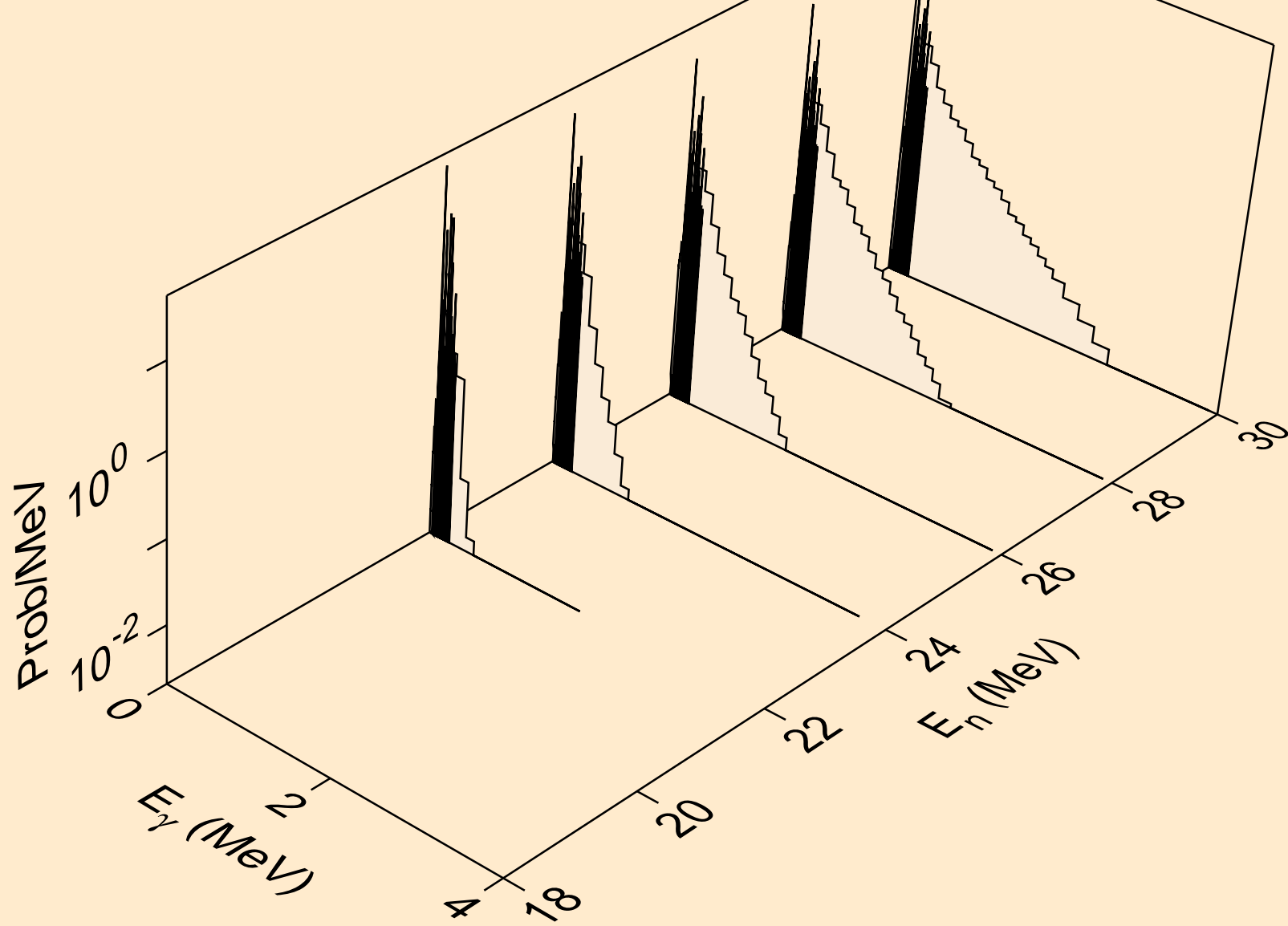
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



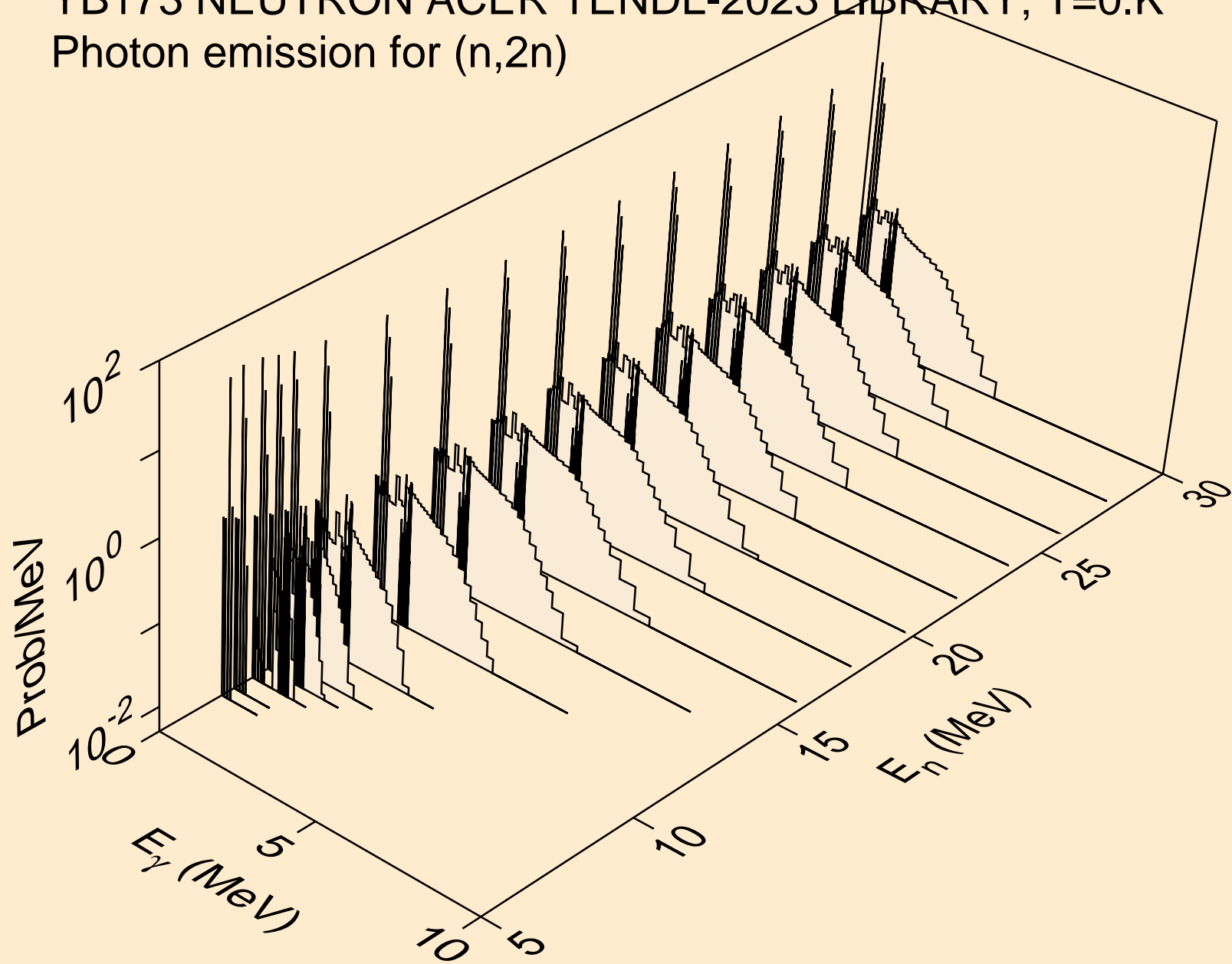
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



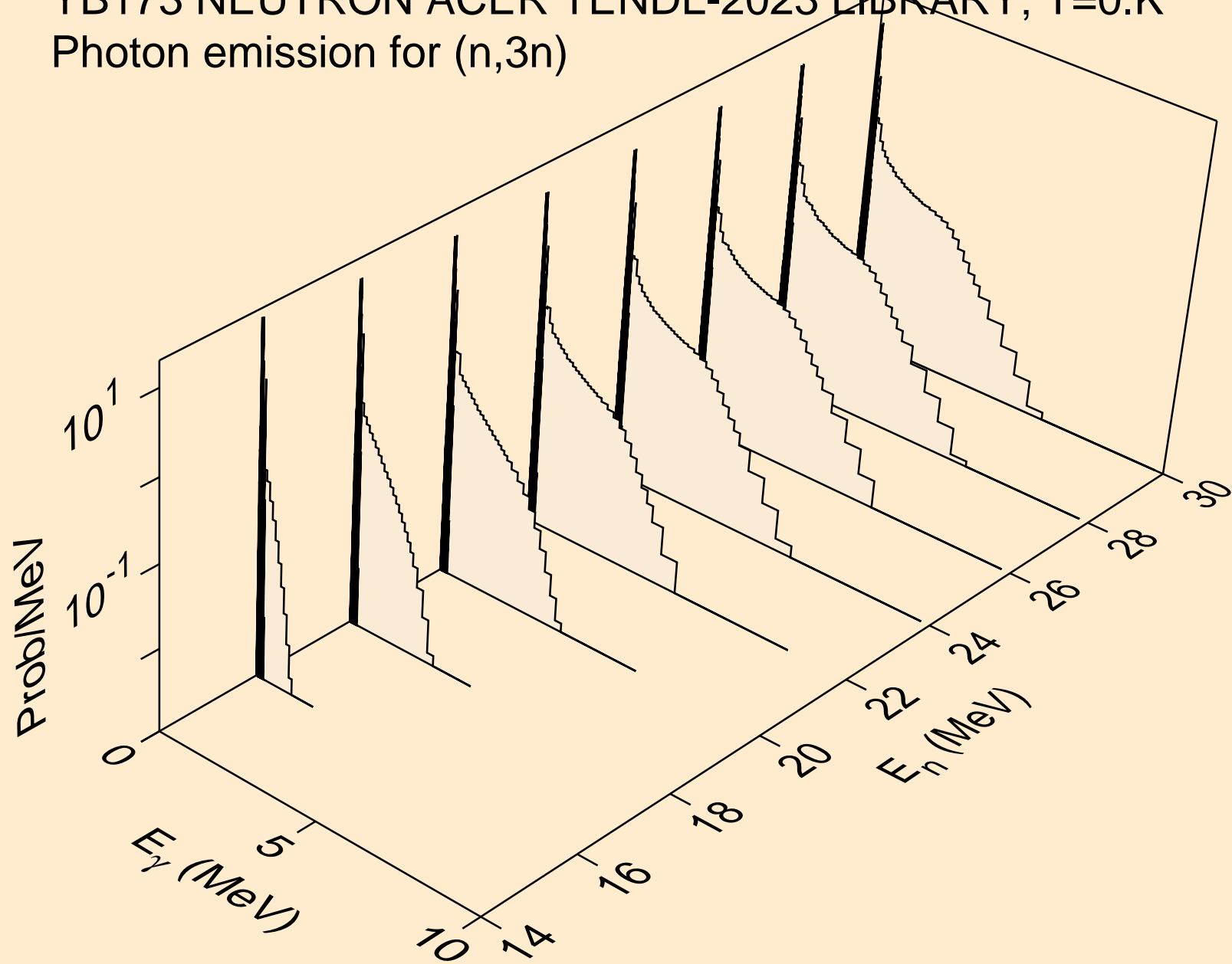
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



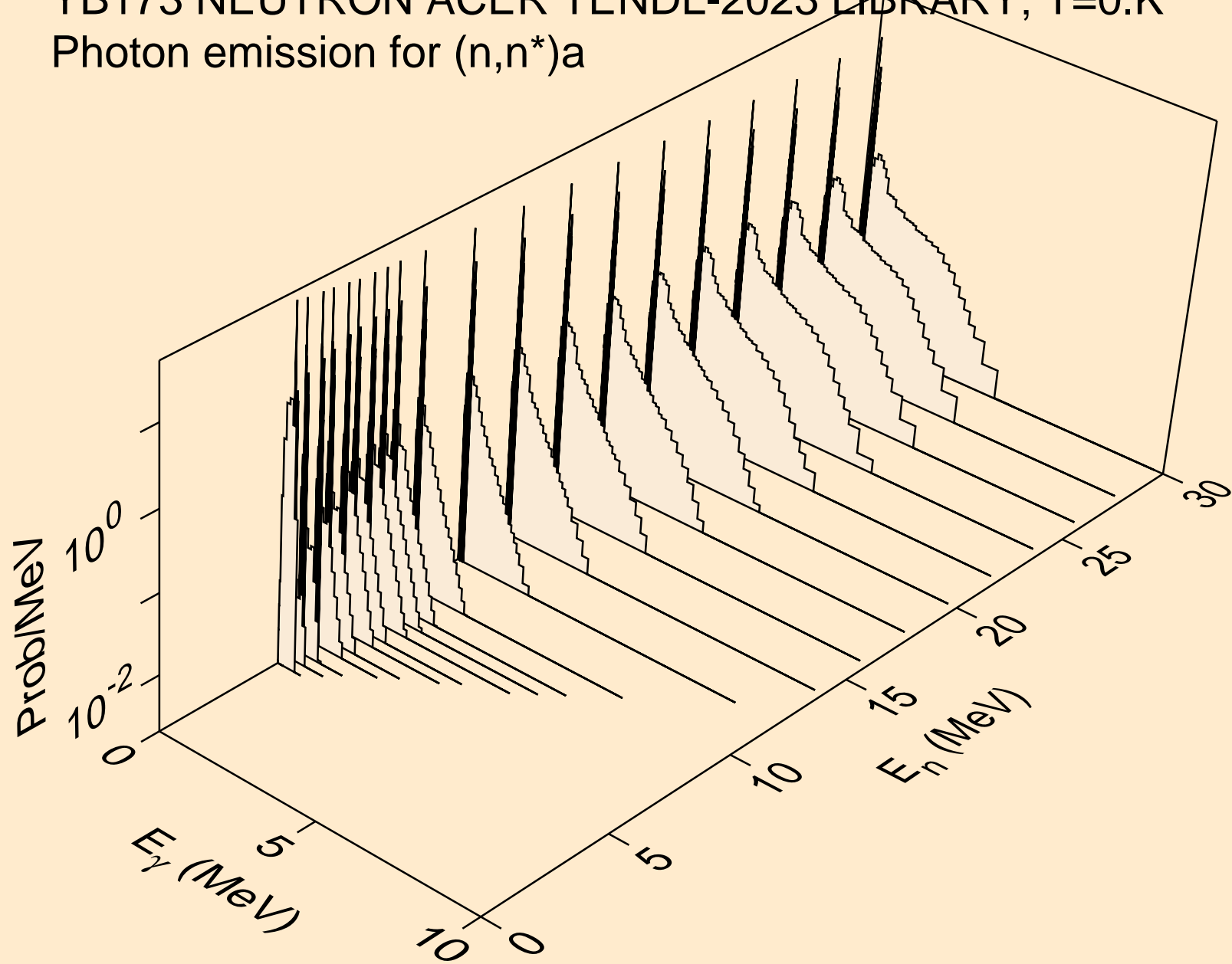
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



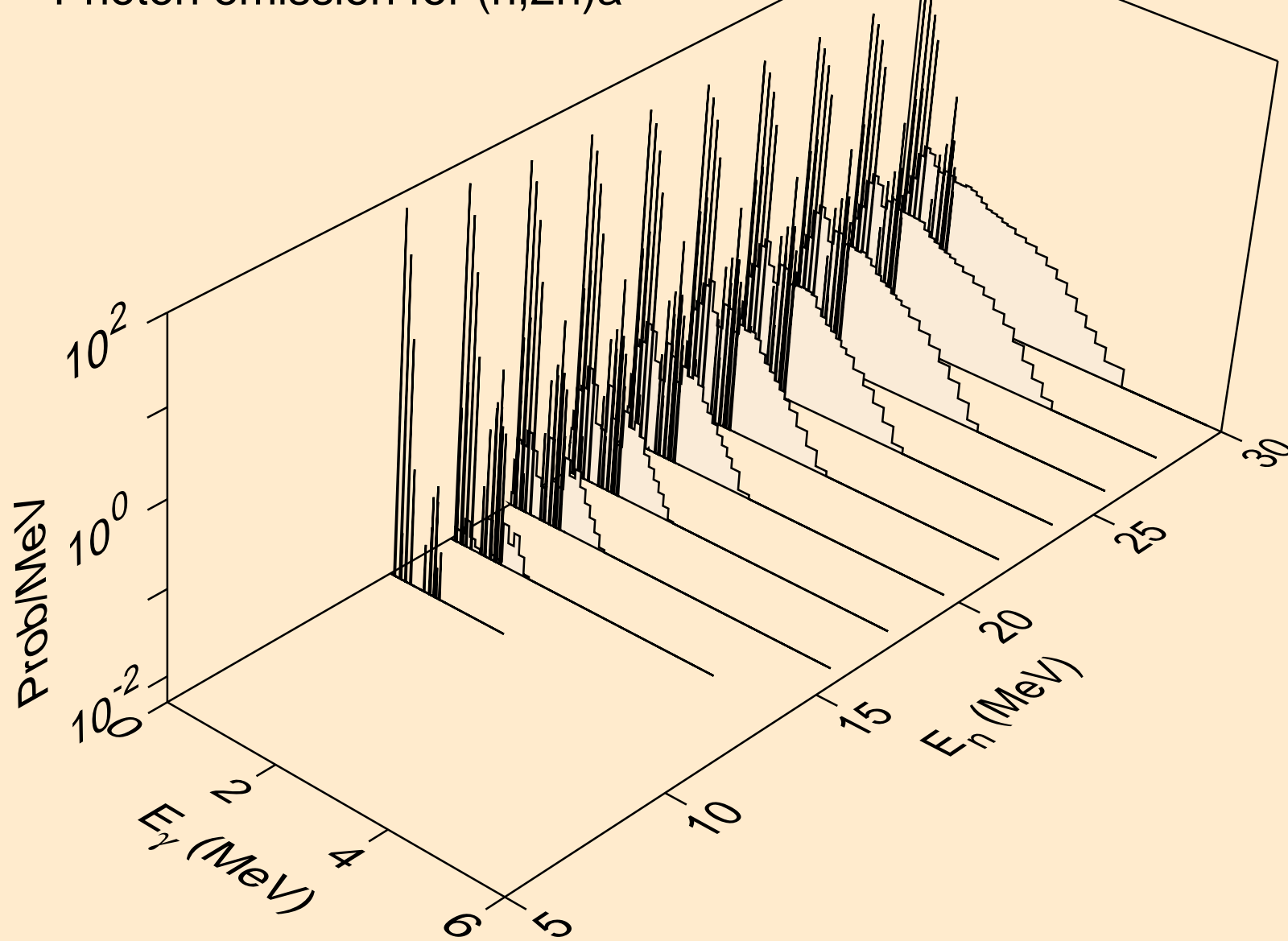
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

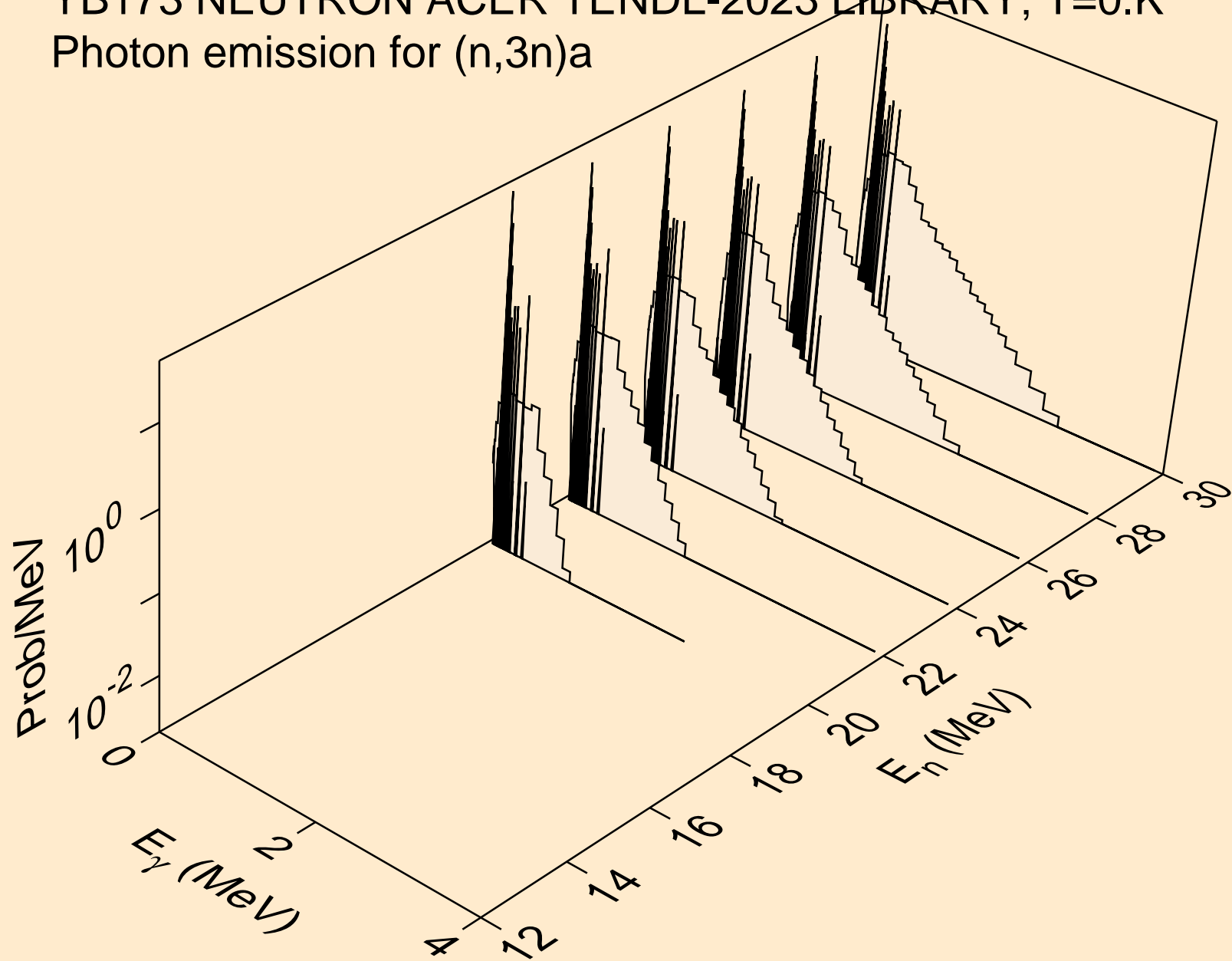


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

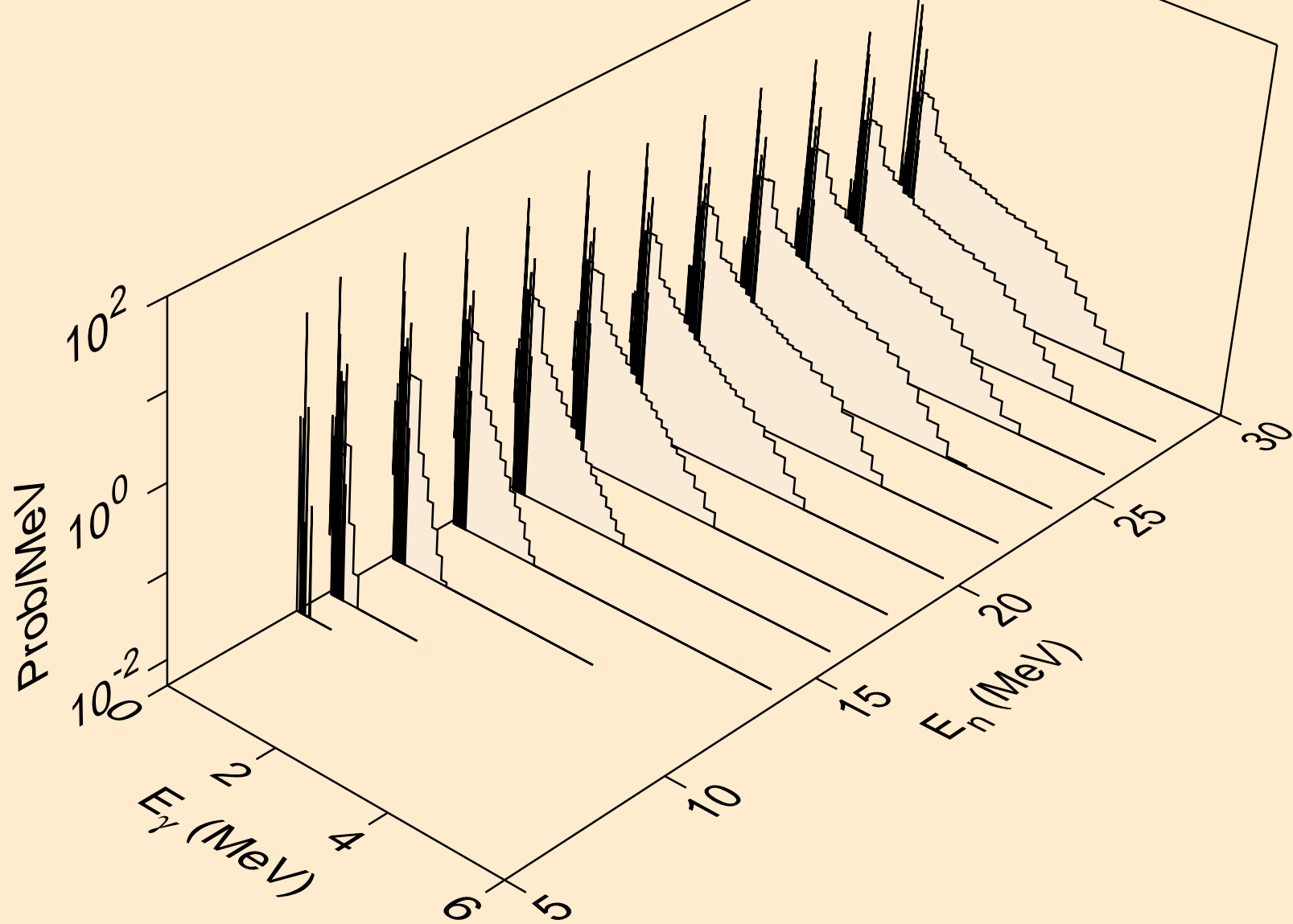




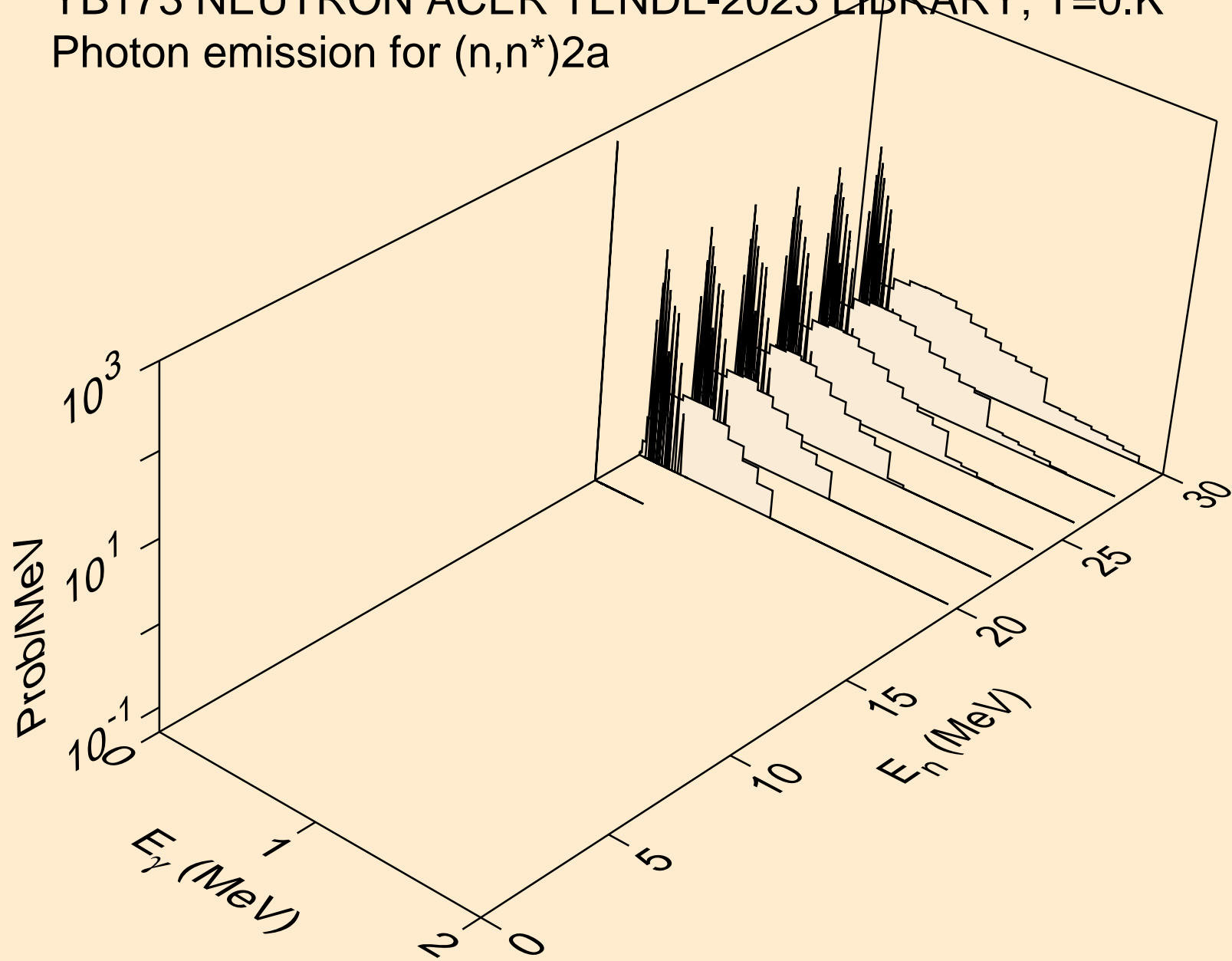
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



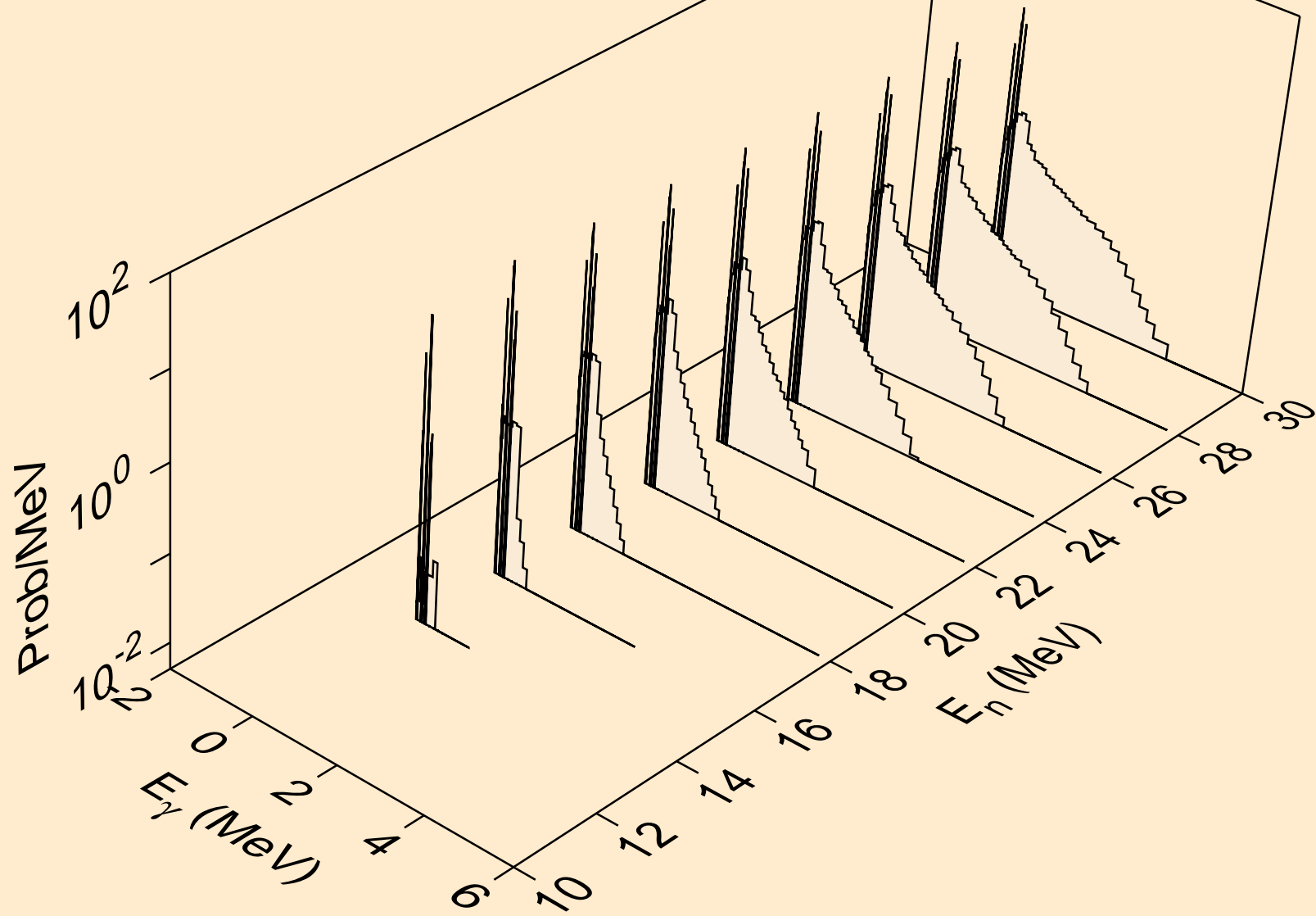
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



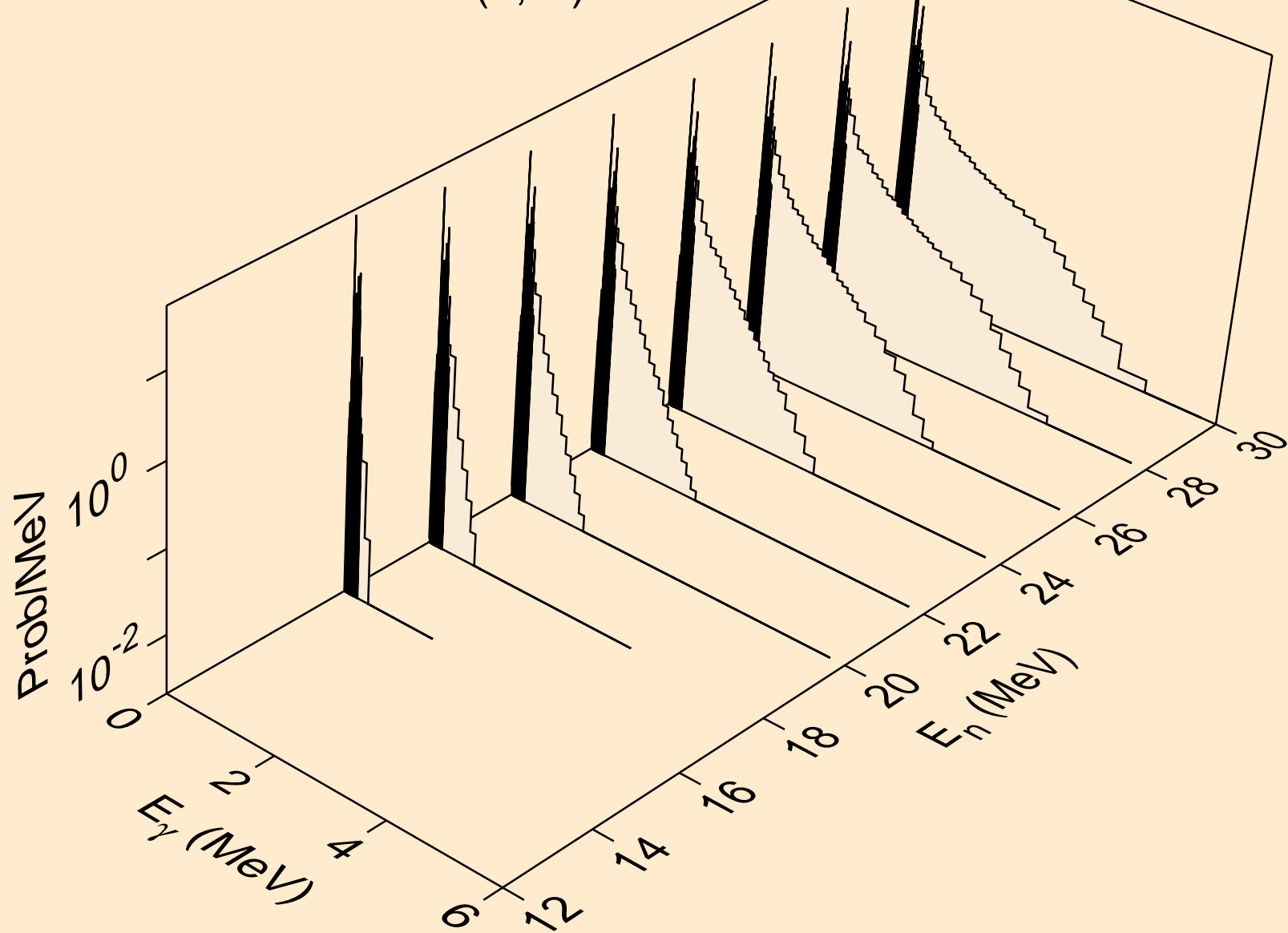
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



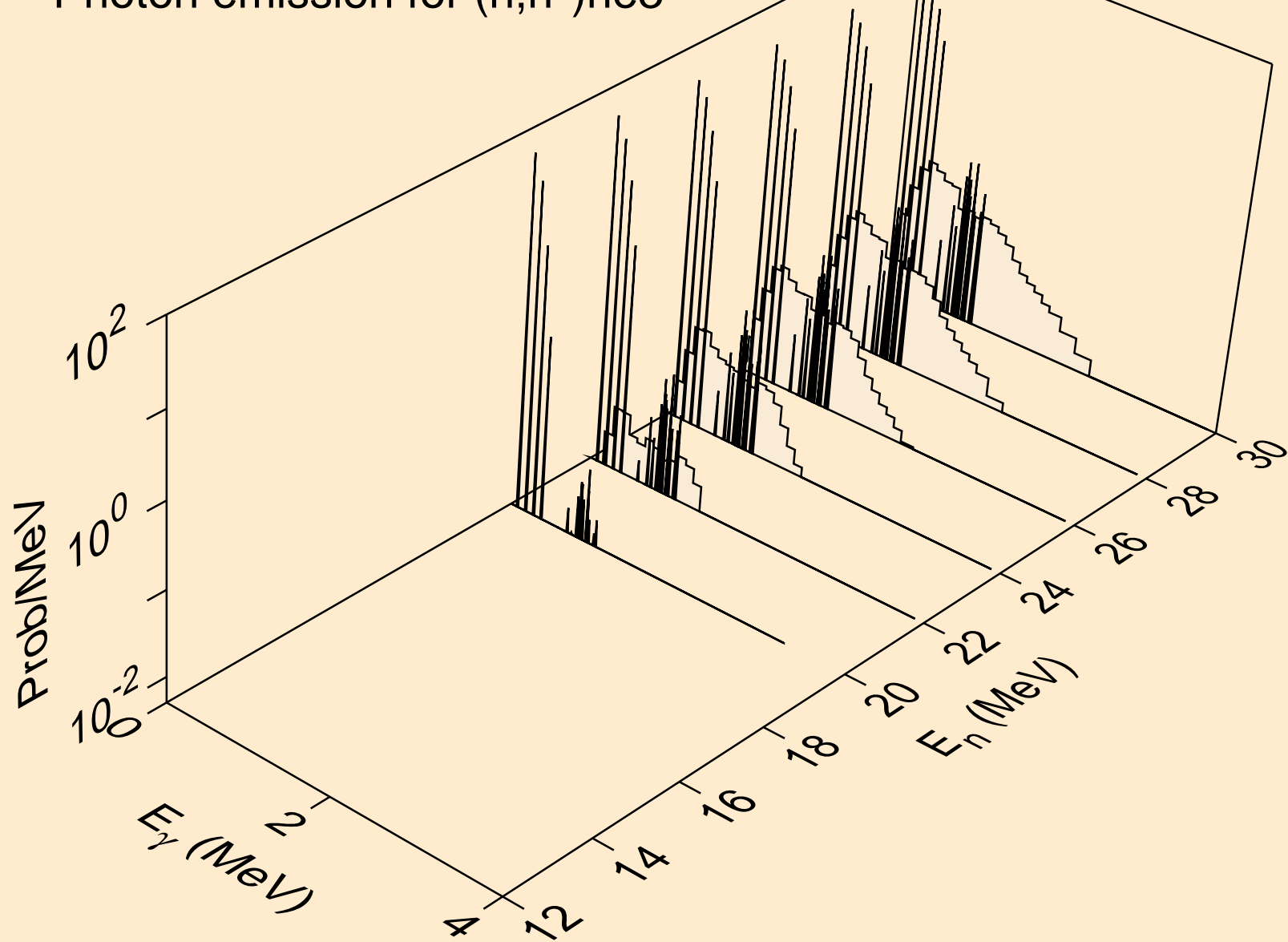
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



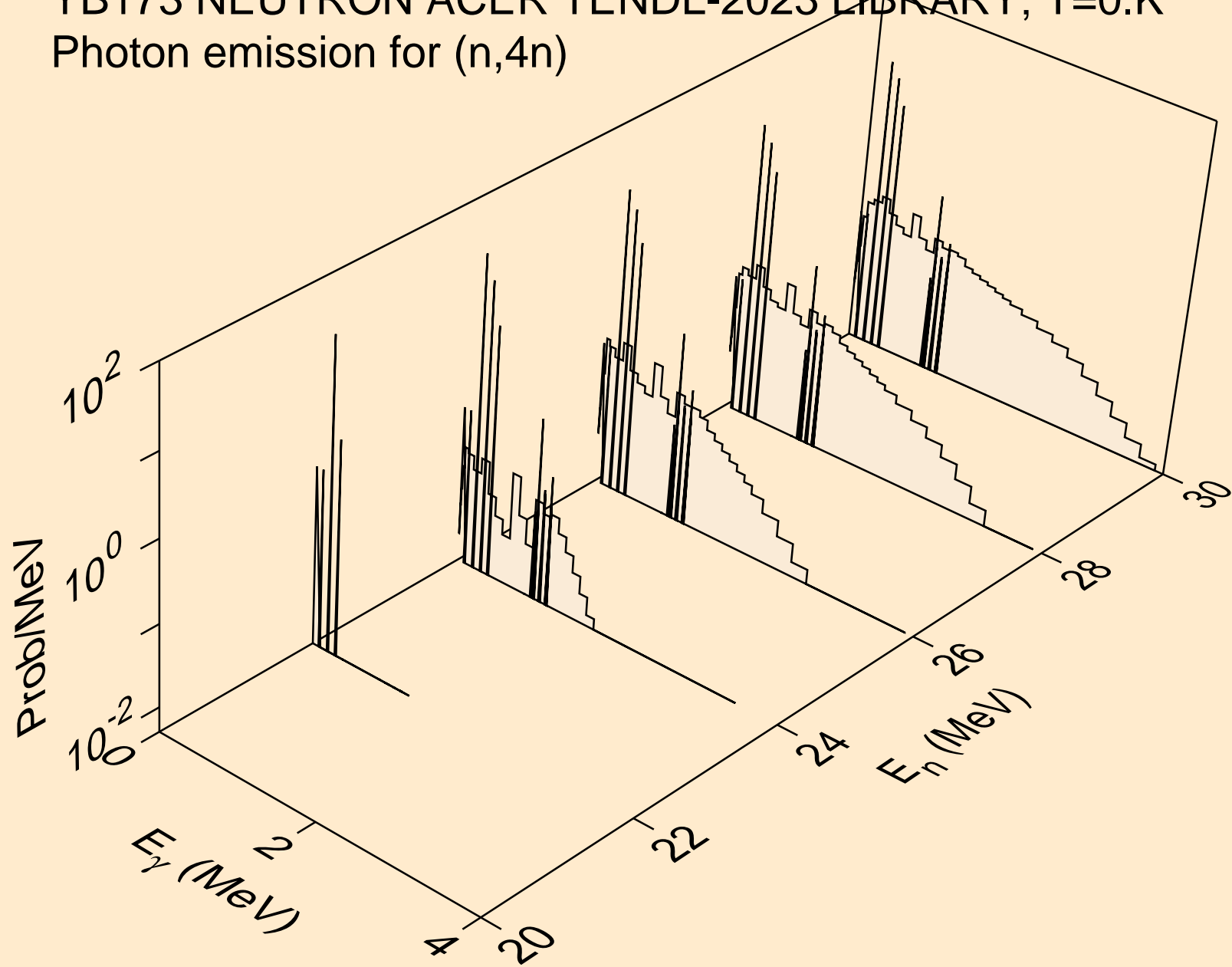
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



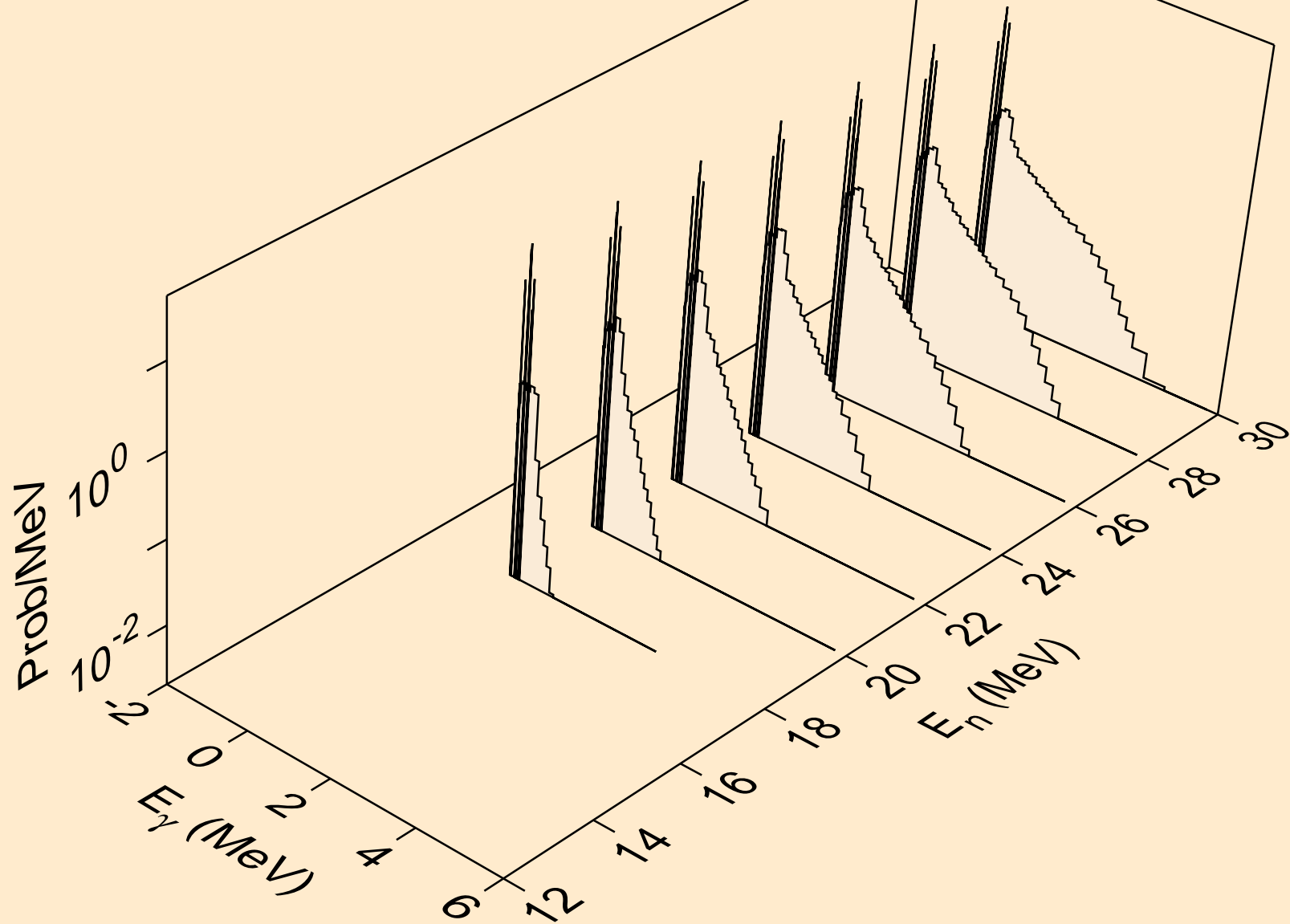
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

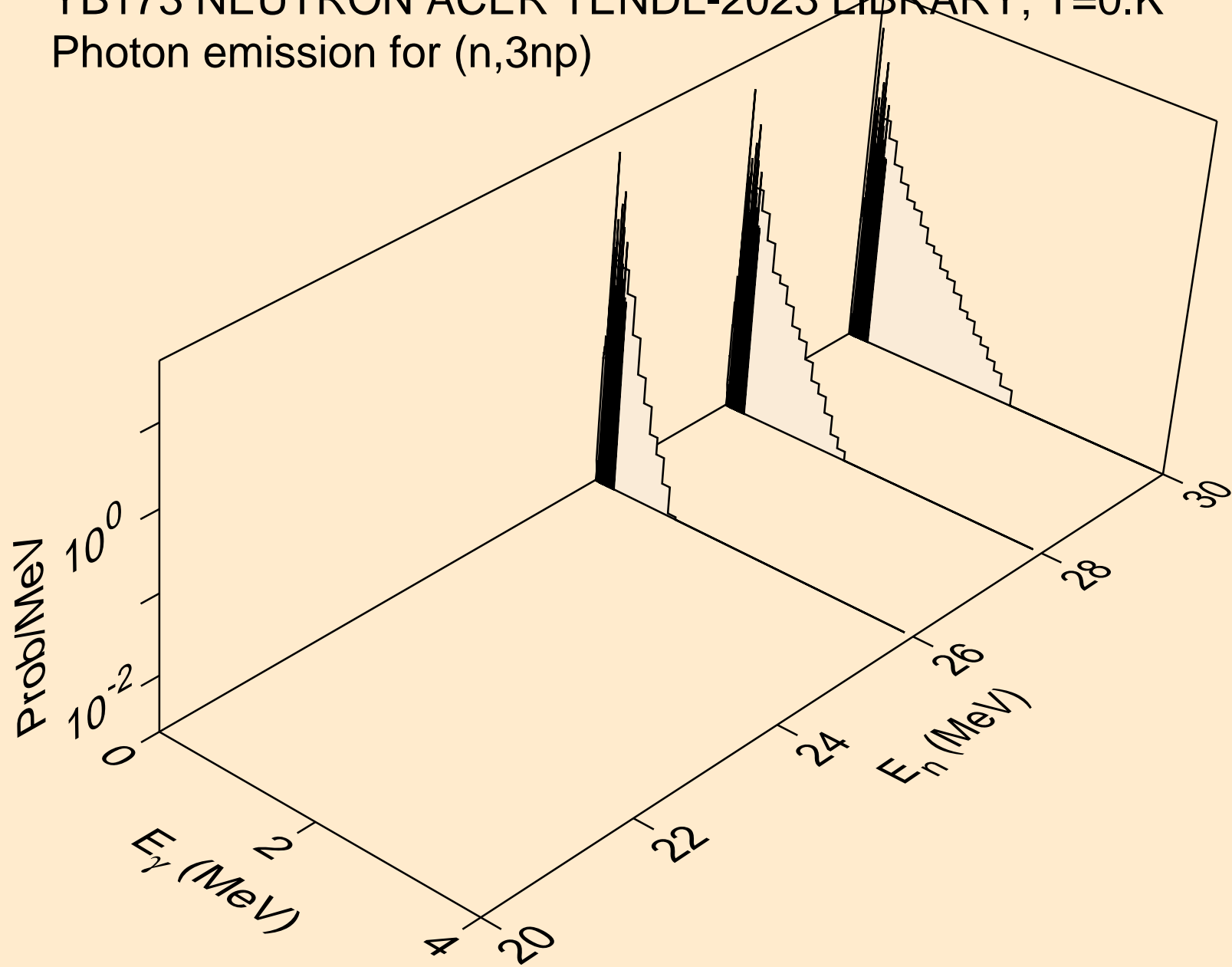


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

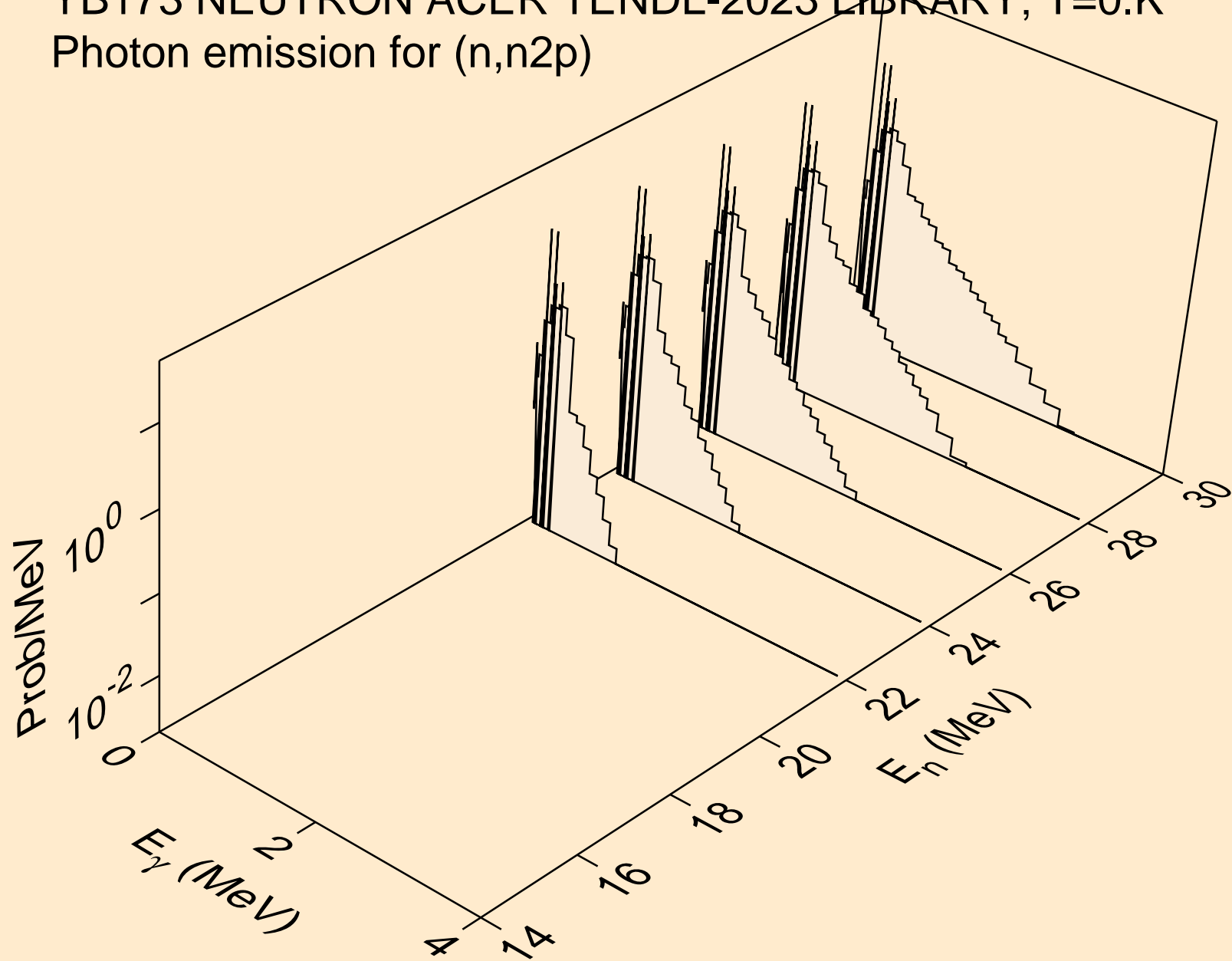




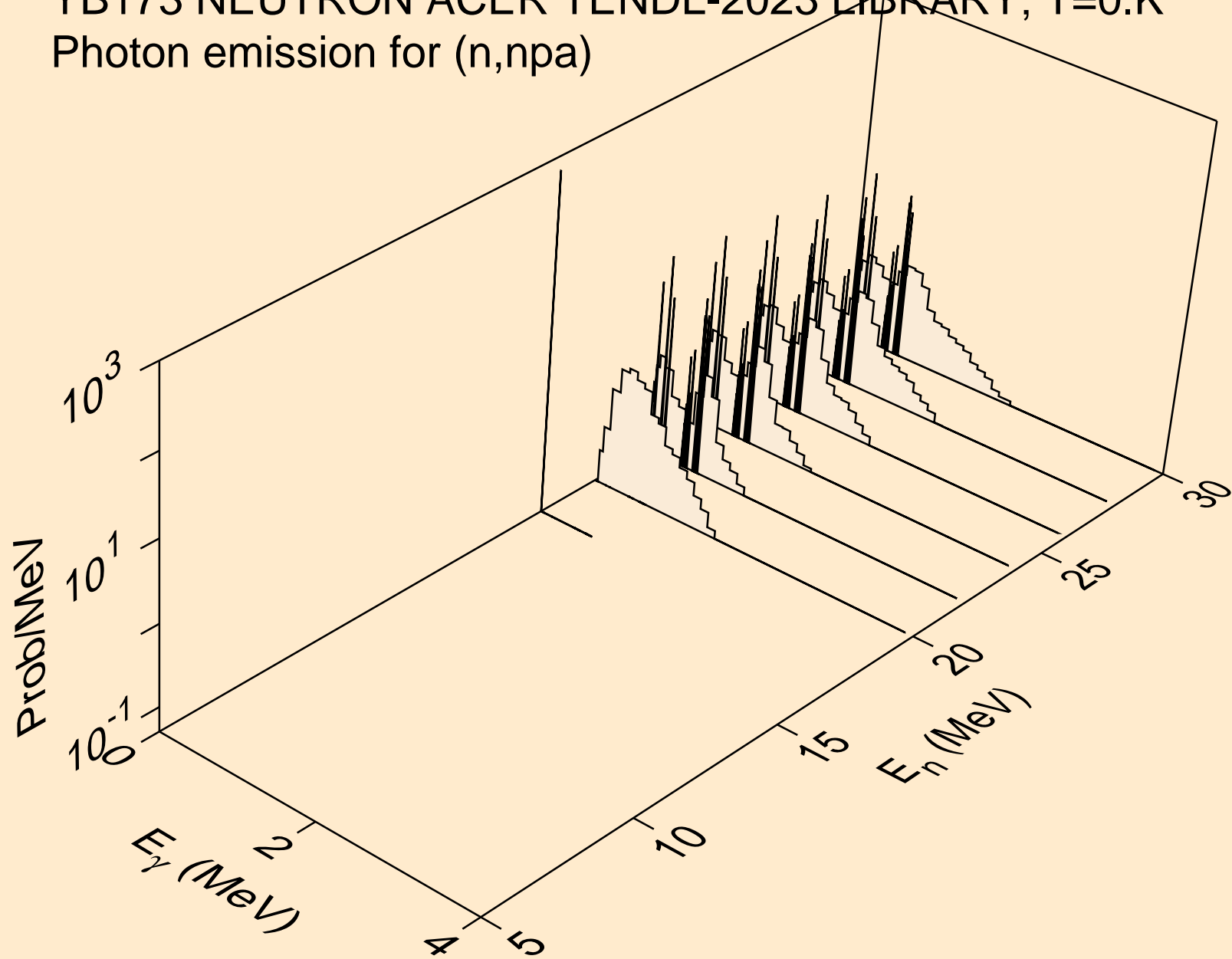
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



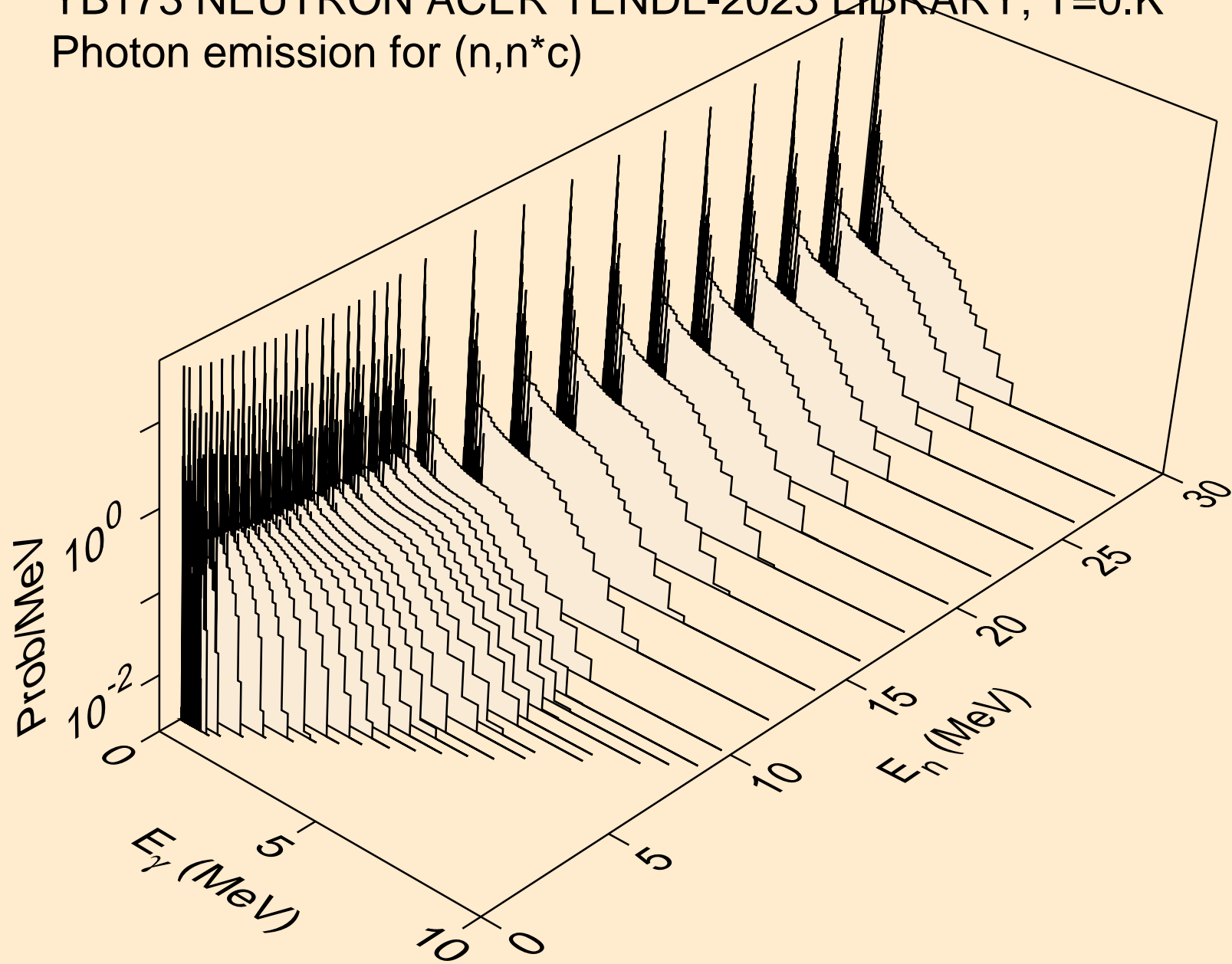
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



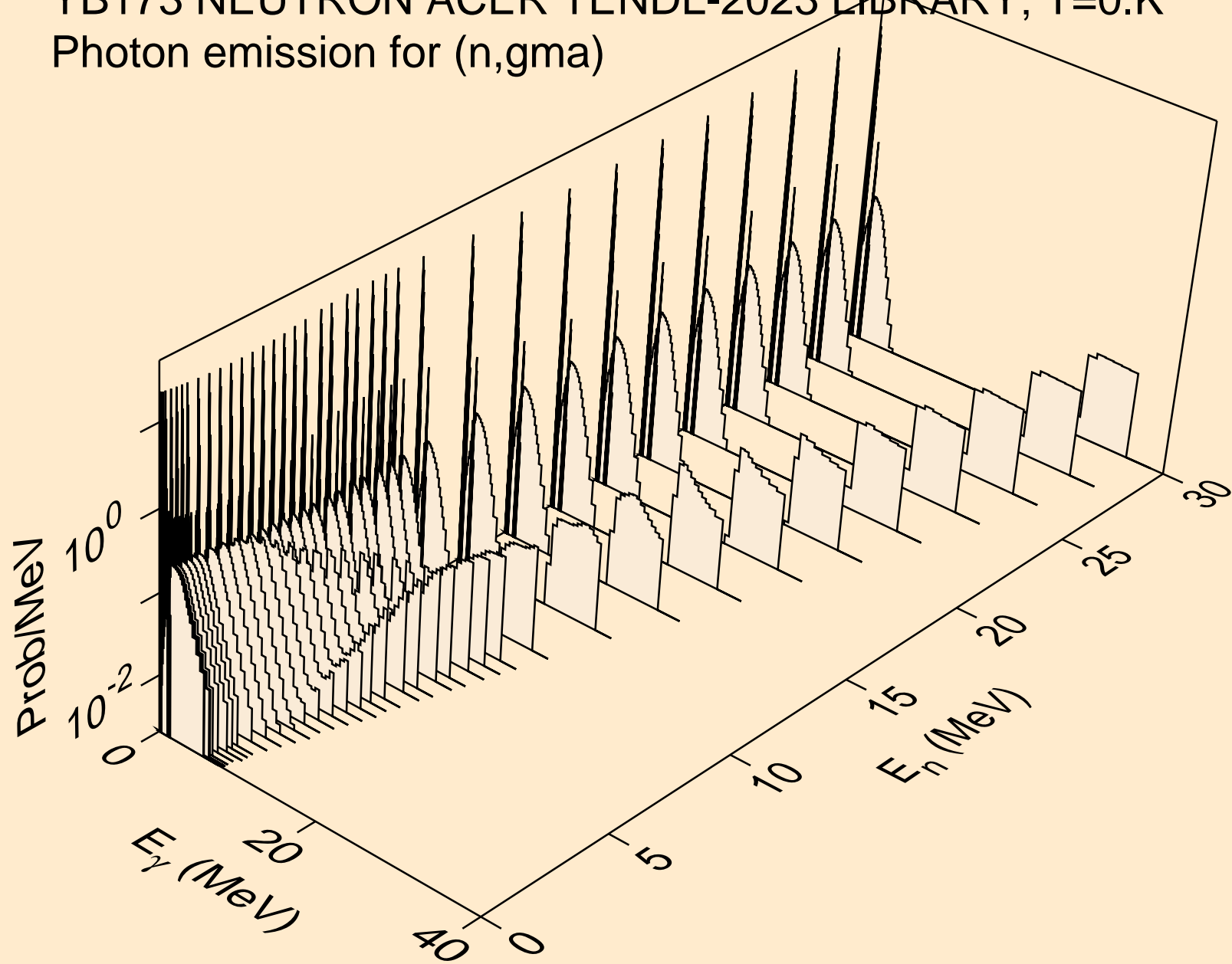
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



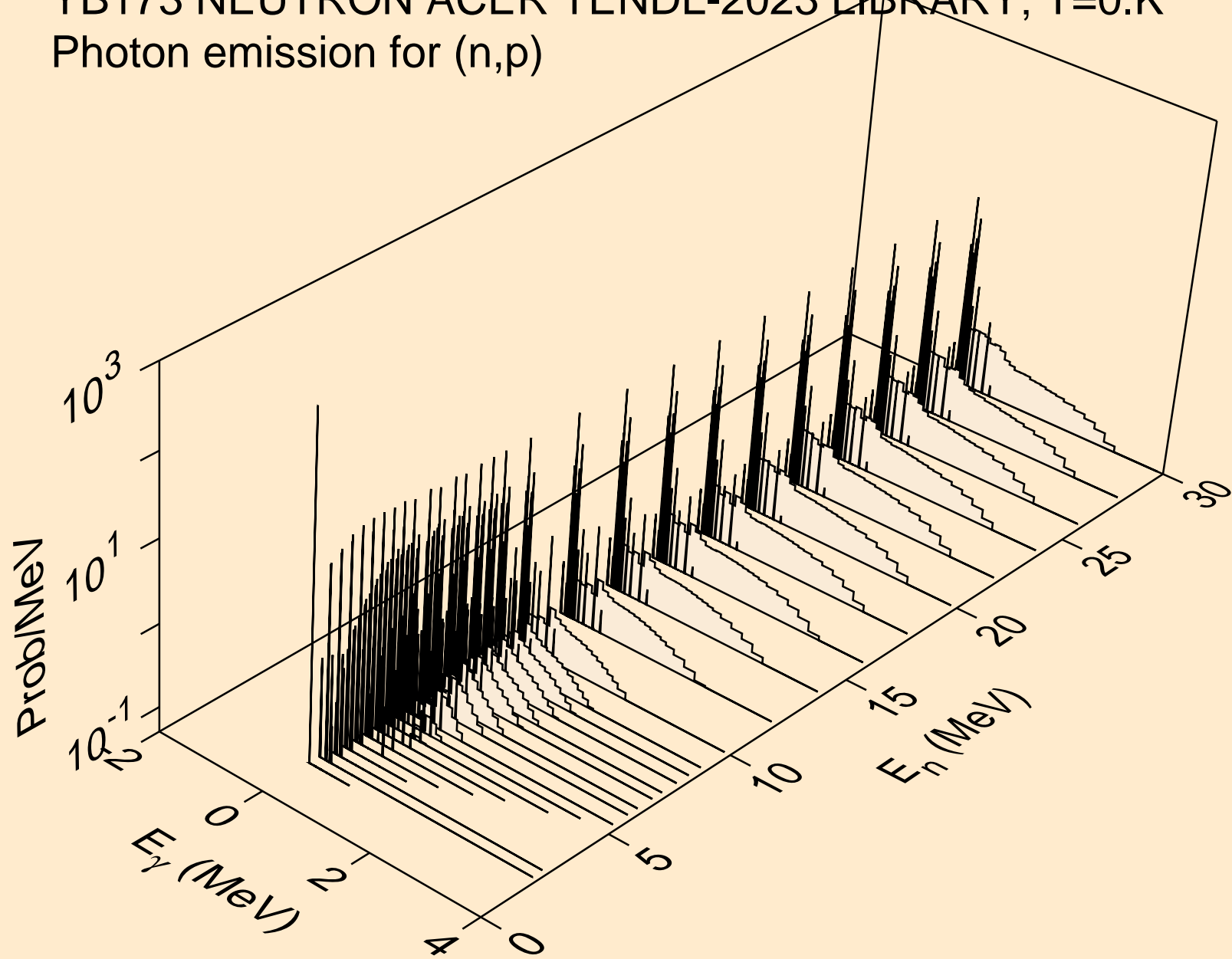
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



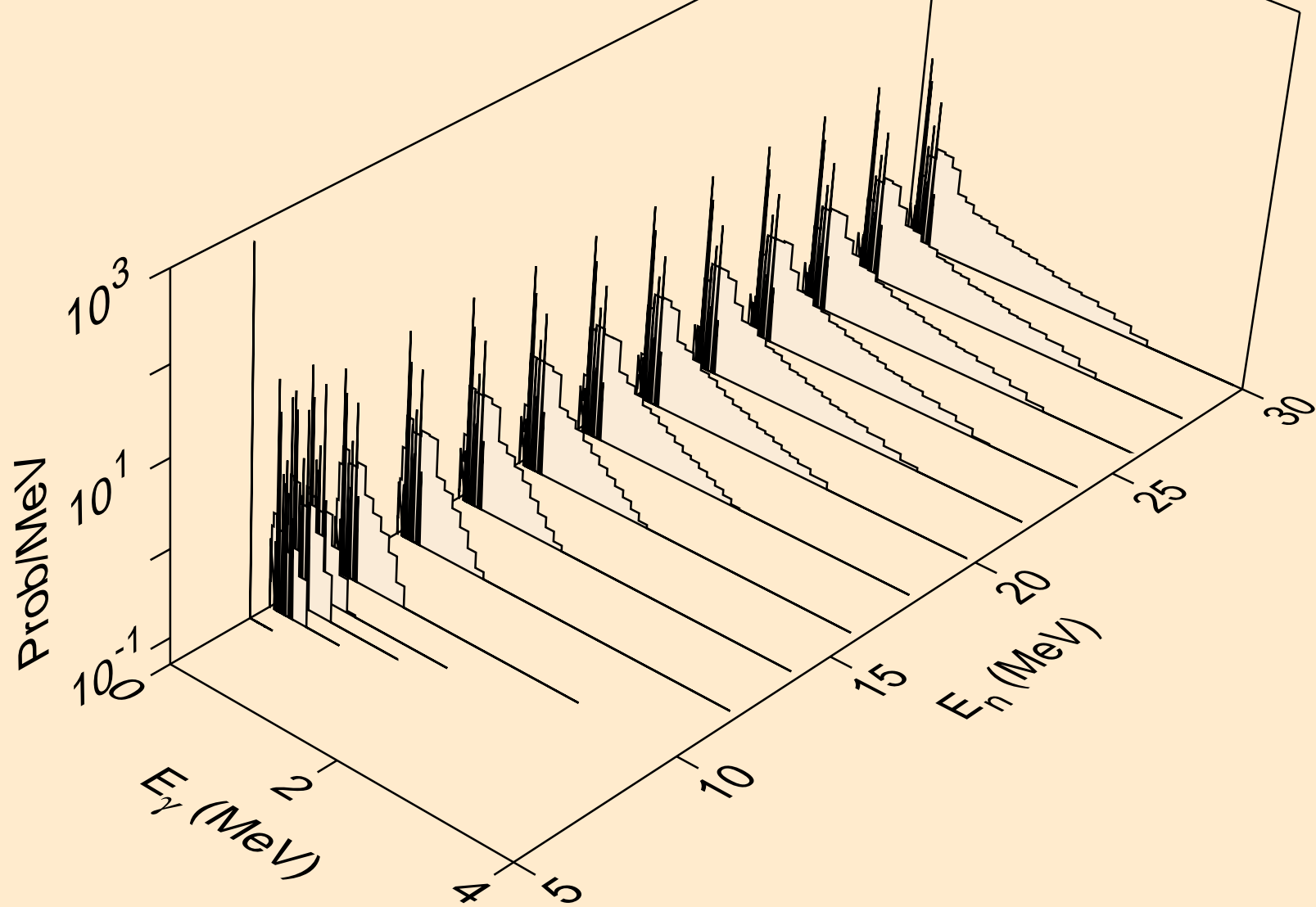
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



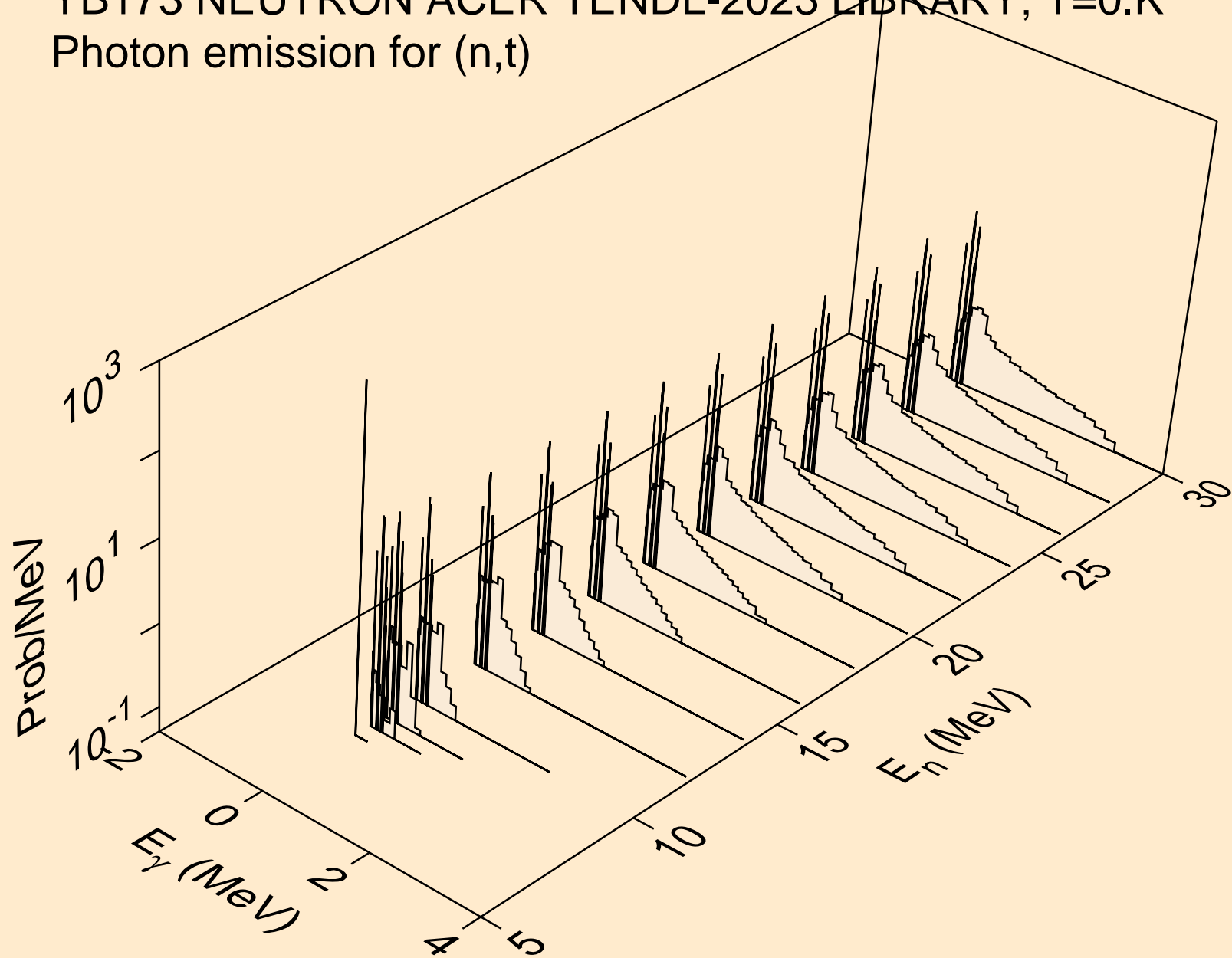
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

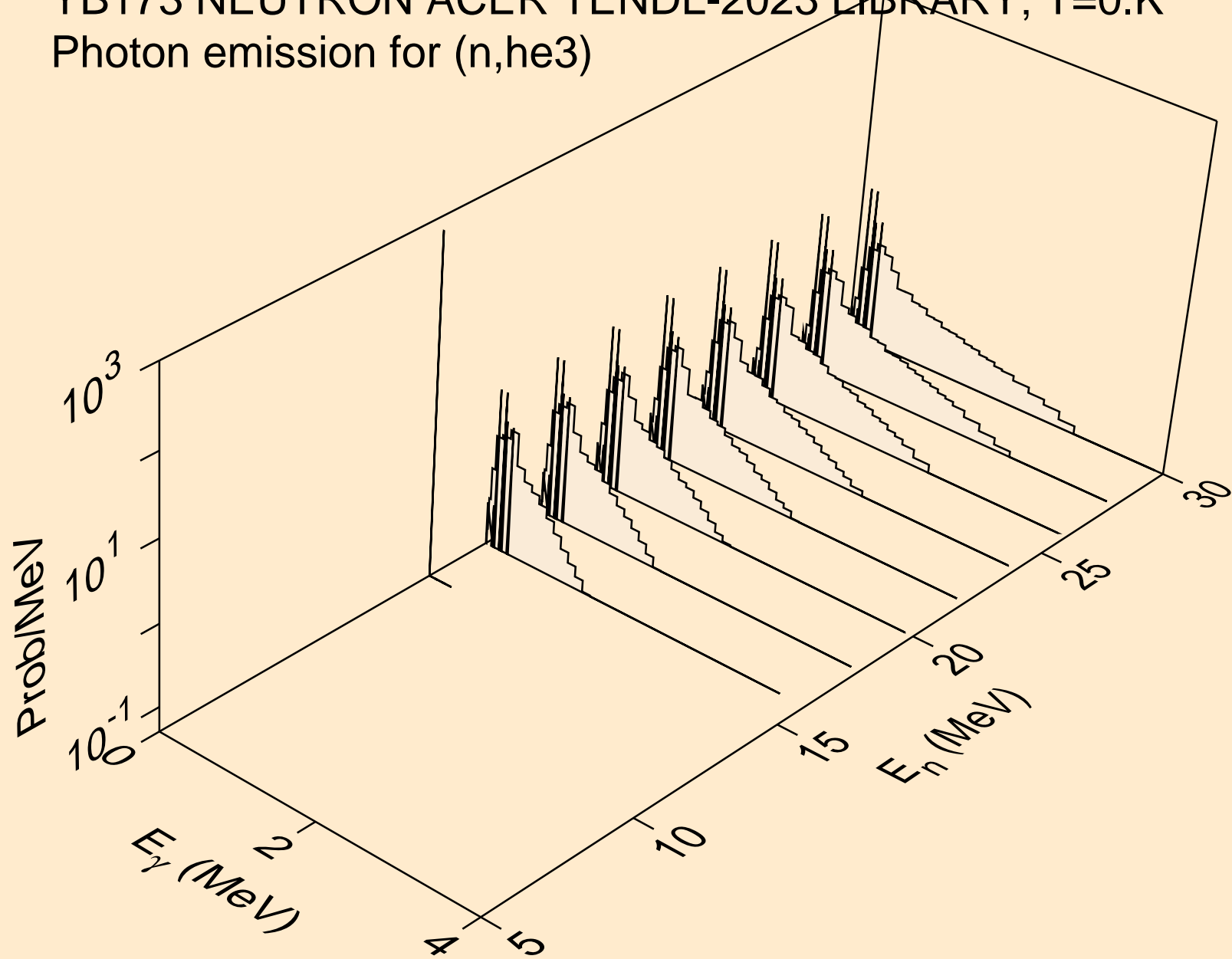


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

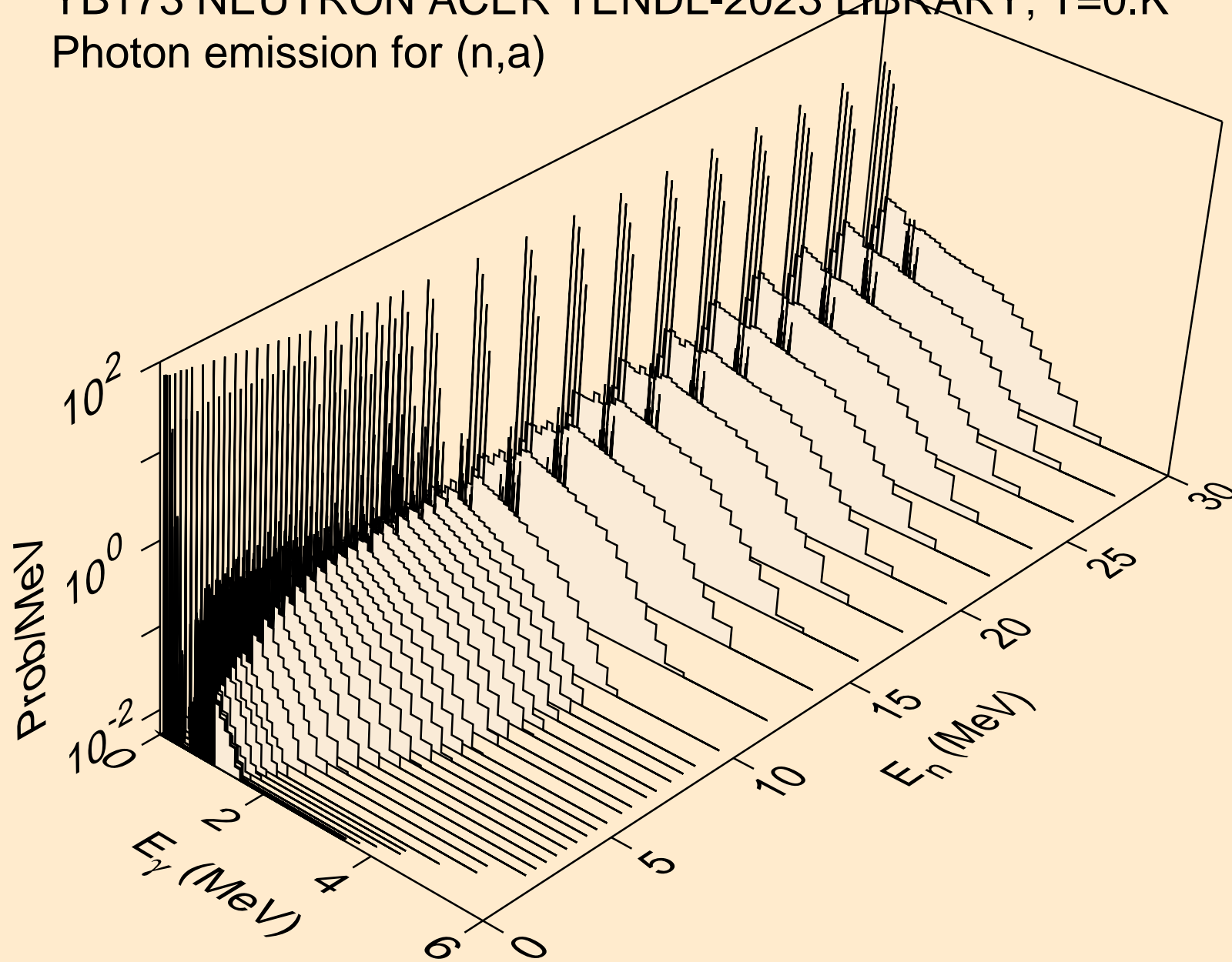




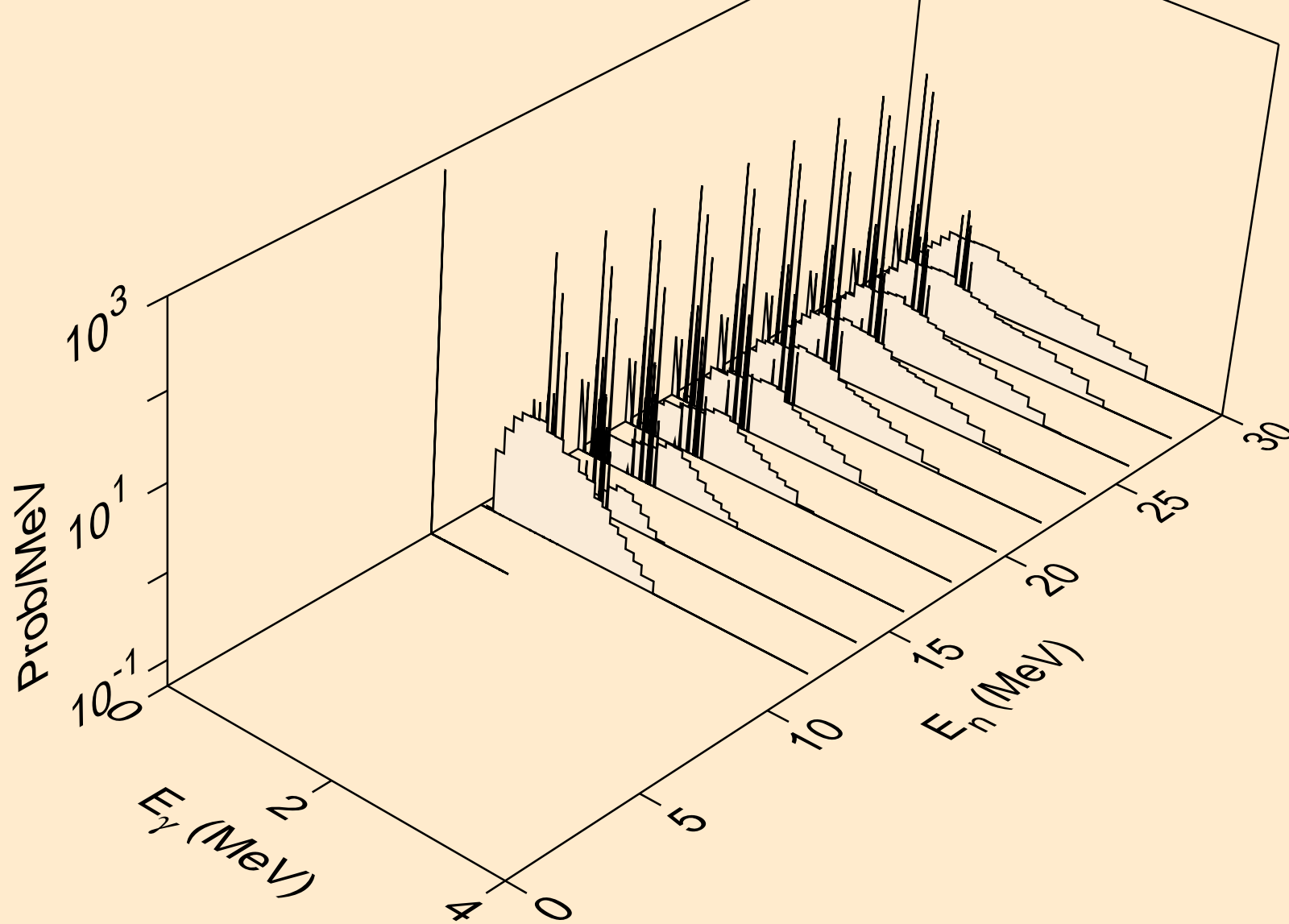
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



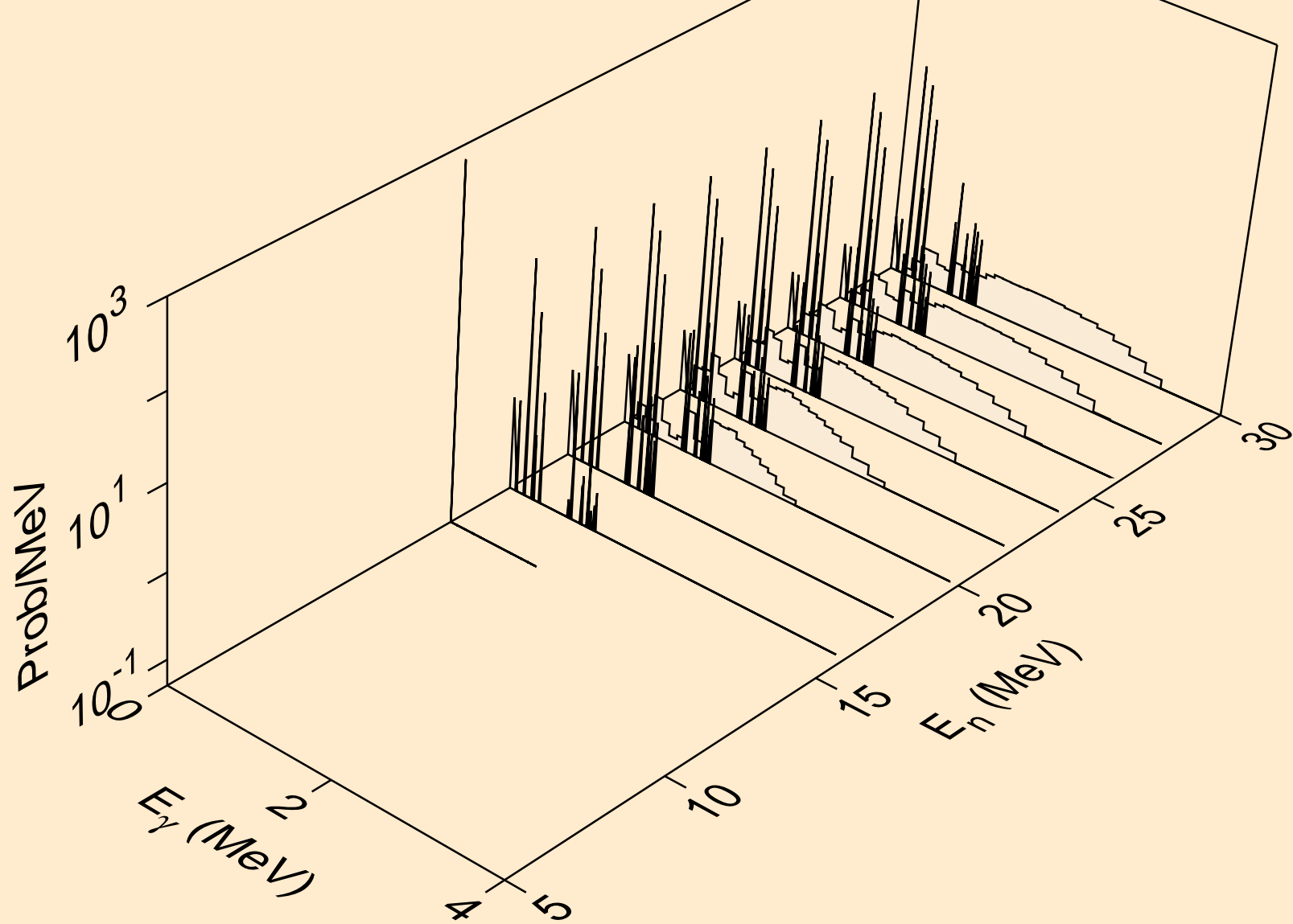
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



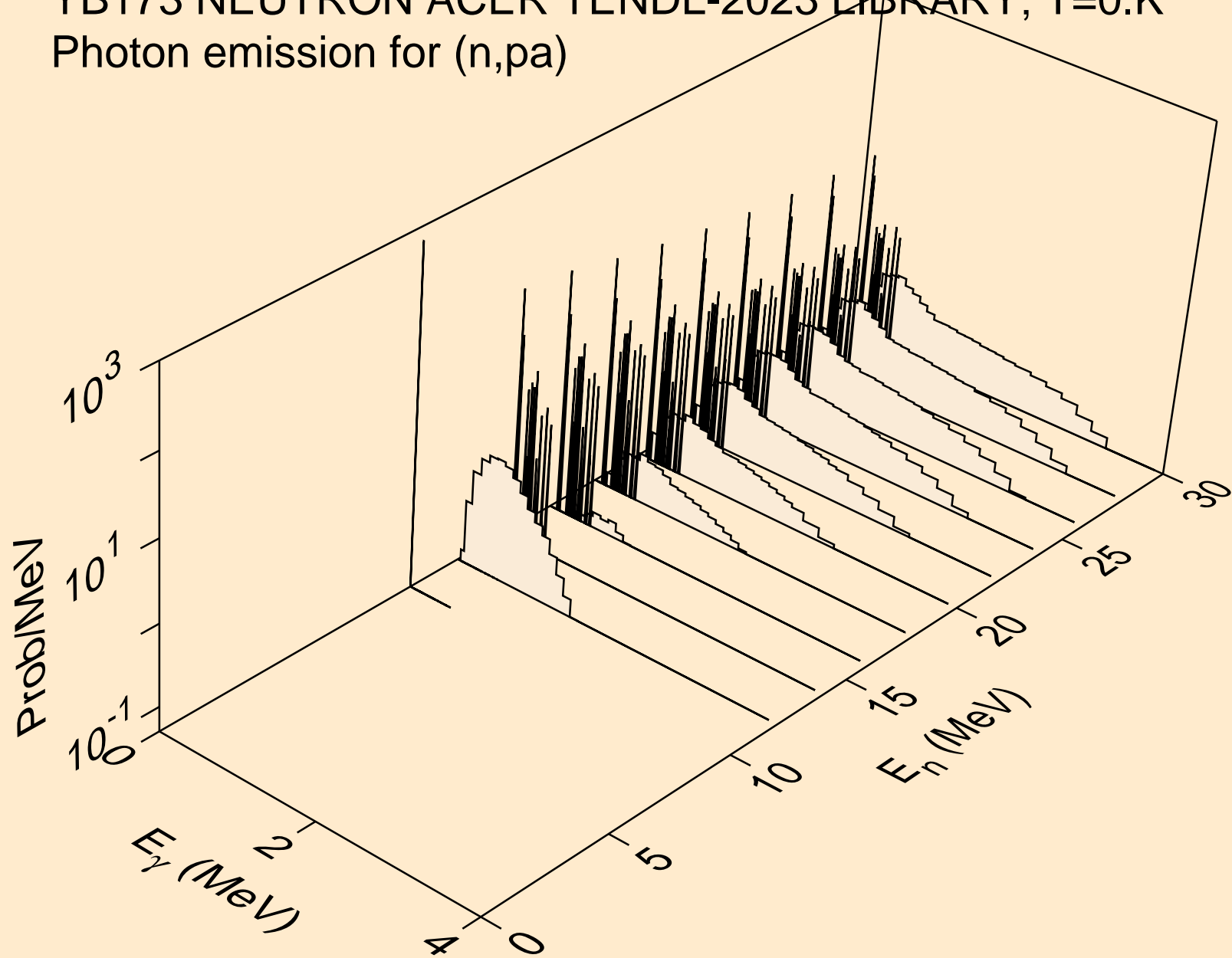
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



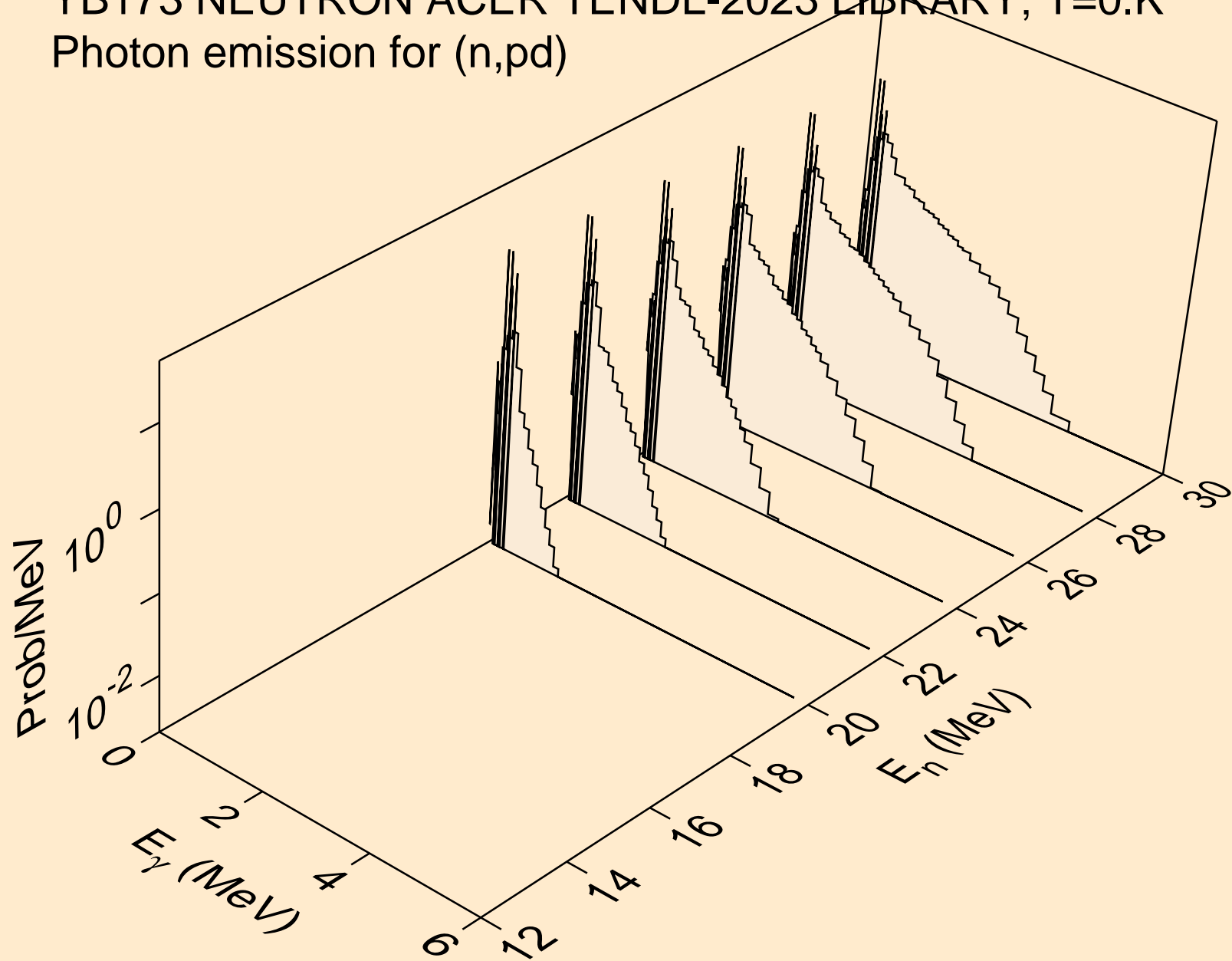
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Photon emission for (n,2p)



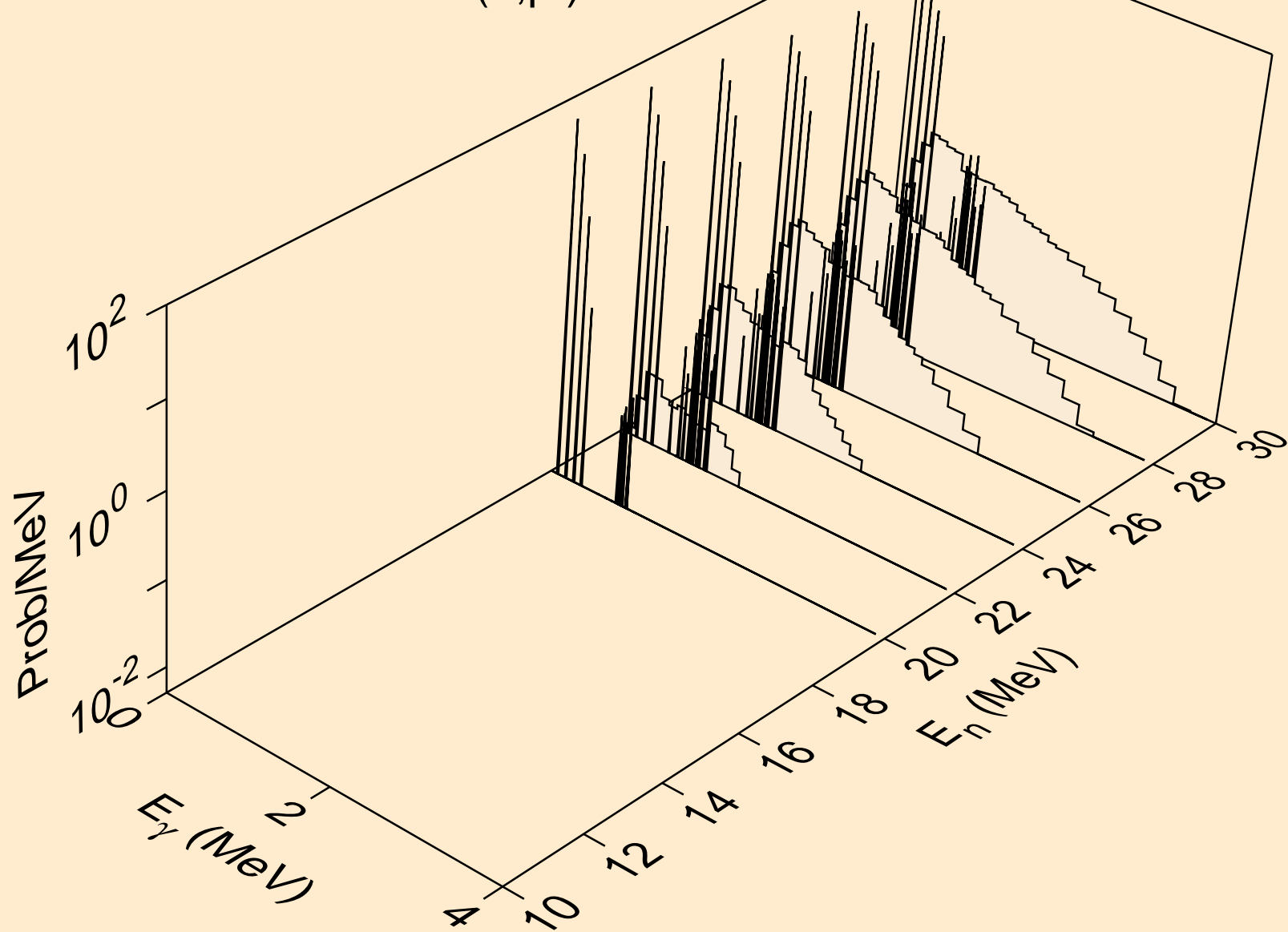
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Photon emission for (n,p $\alpha$ )



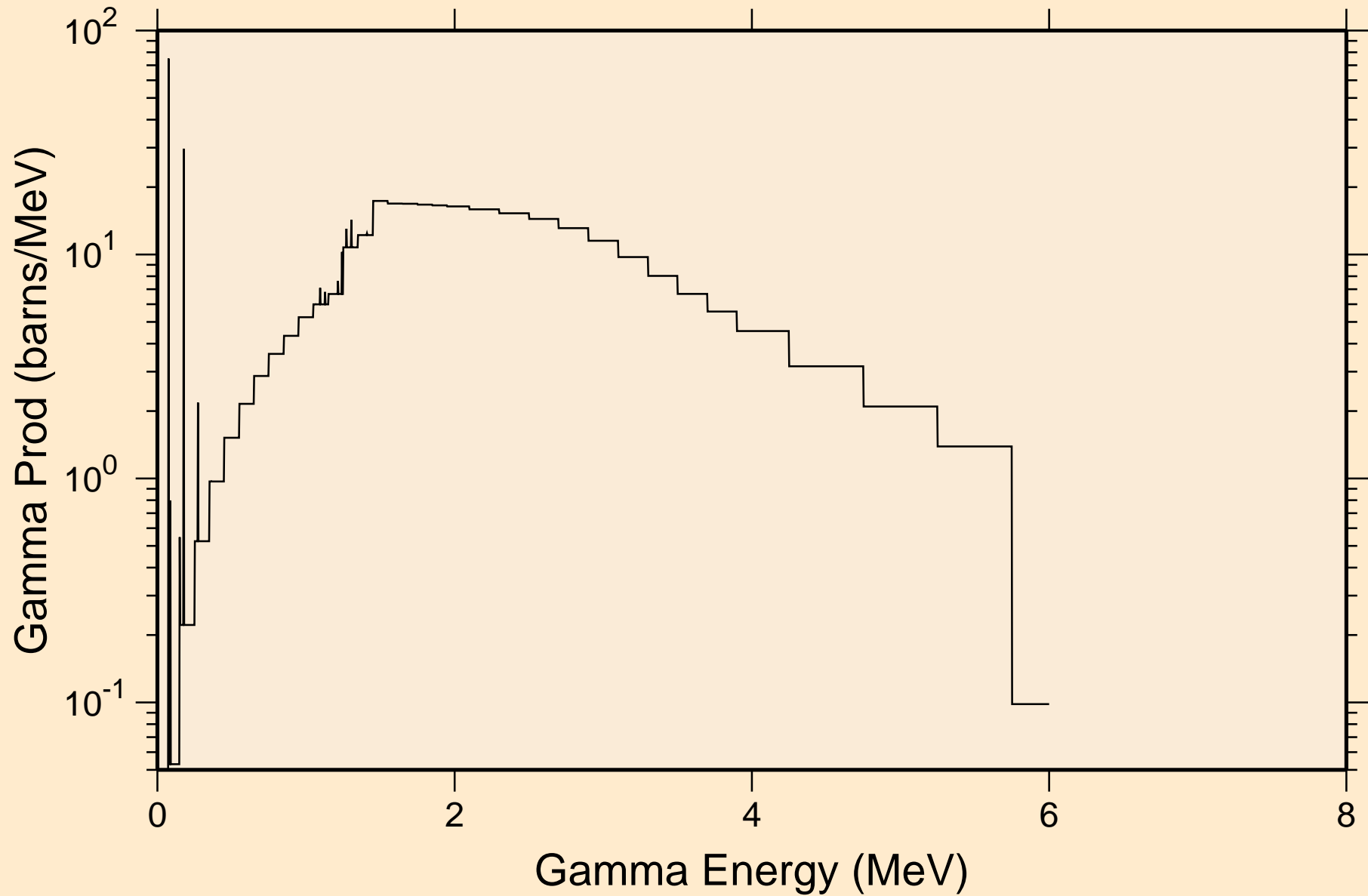
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

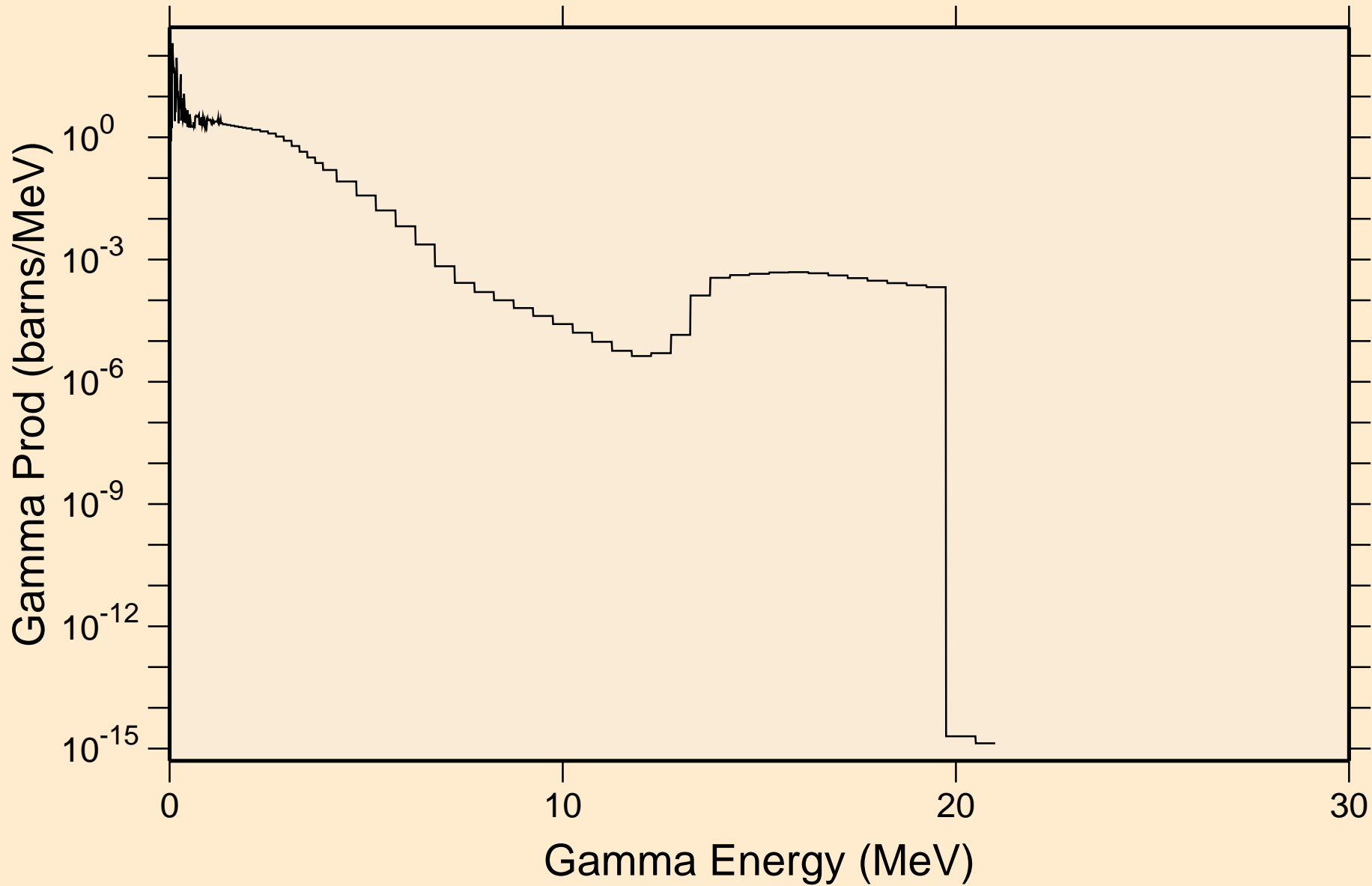


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



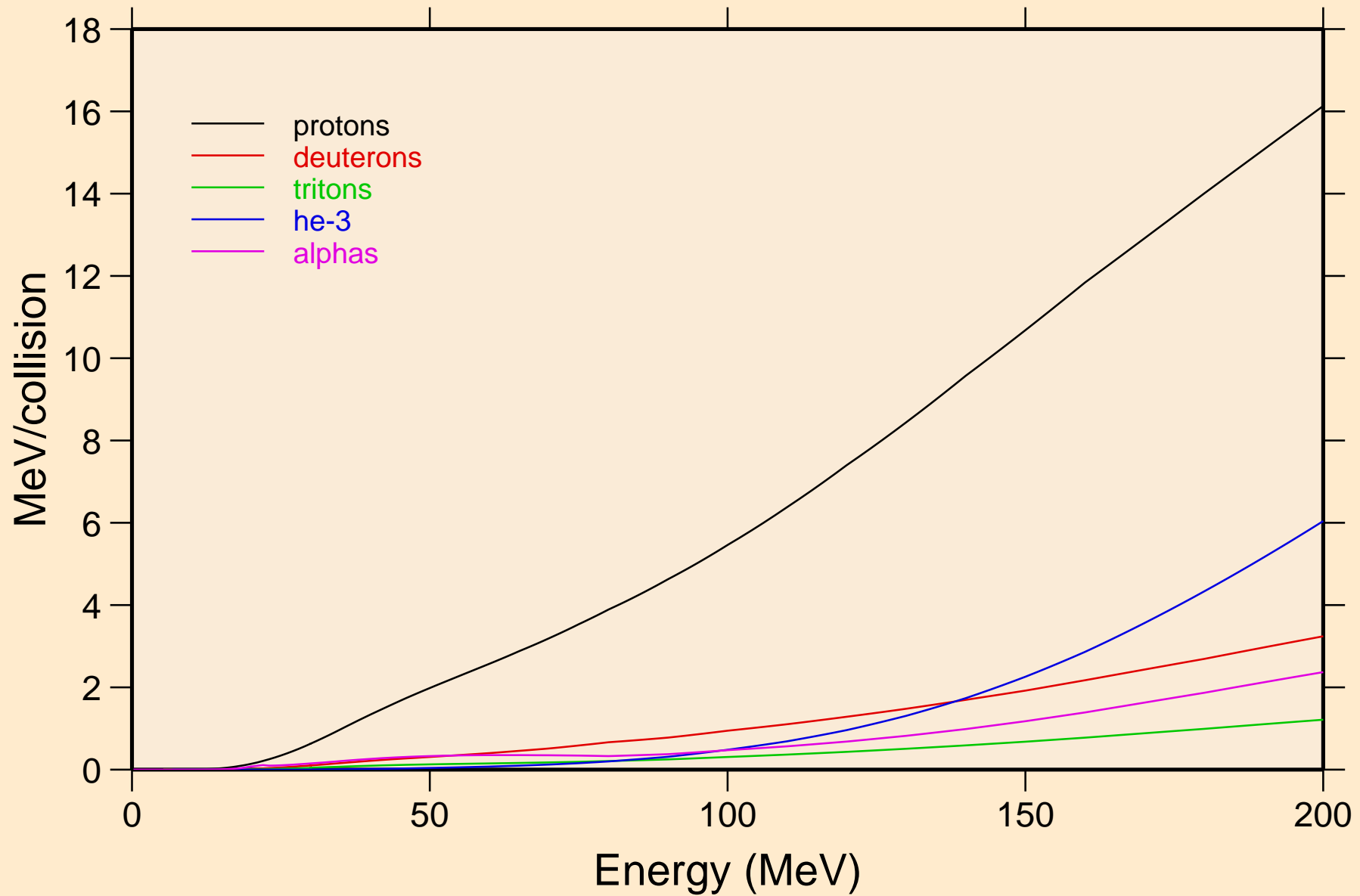


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

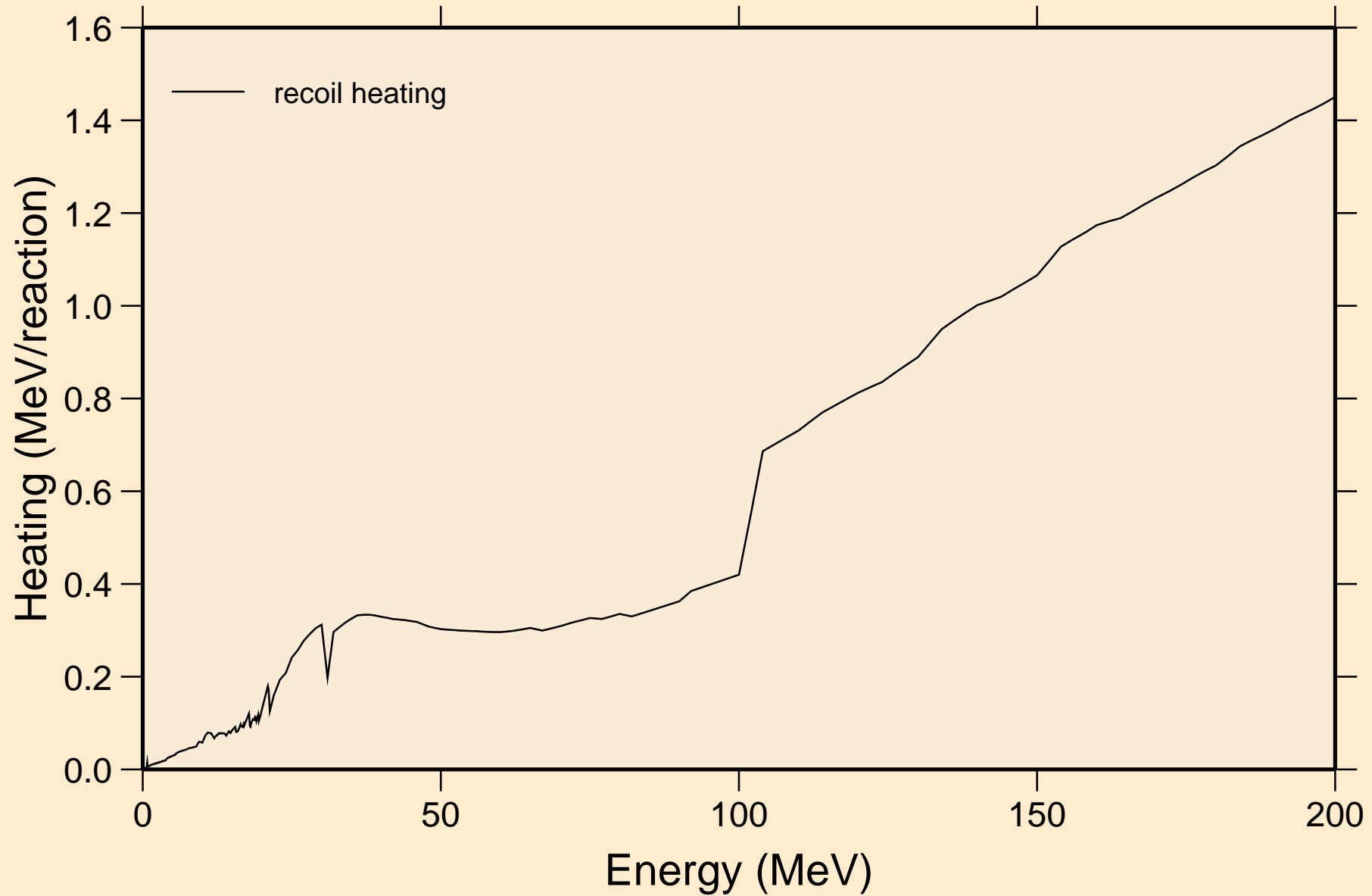


# YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

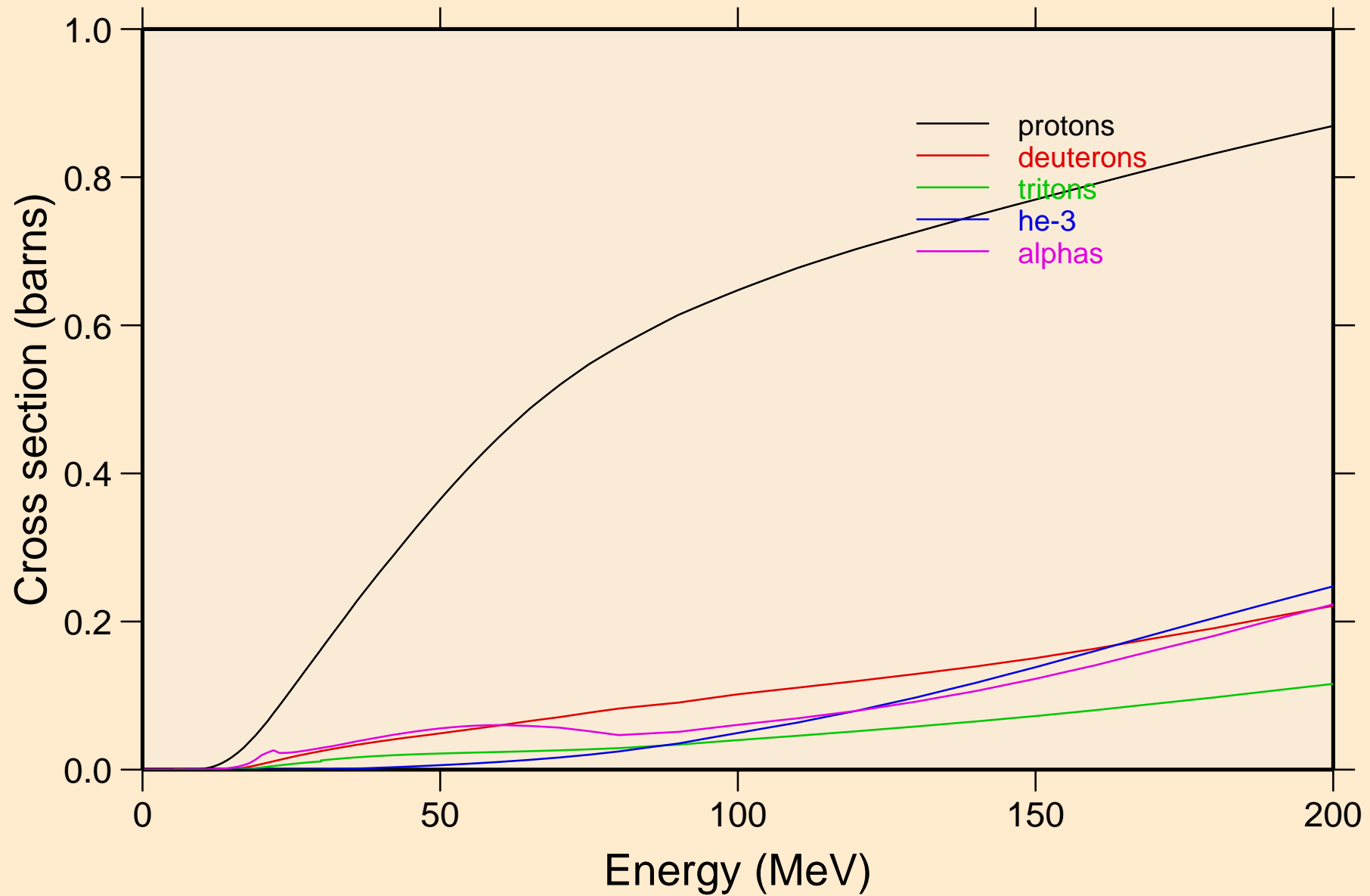
## Particle heating contributions



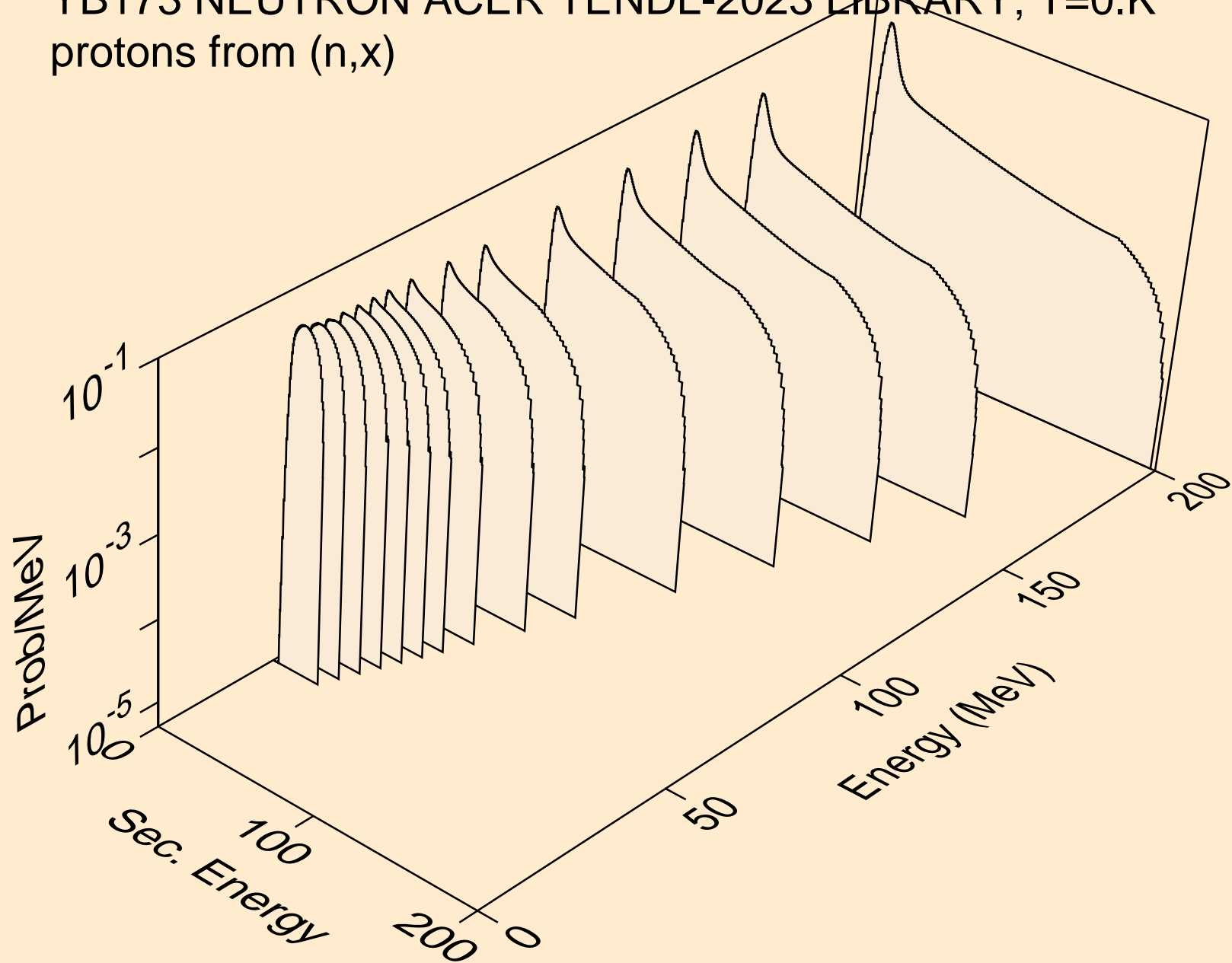
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Recoil Heating



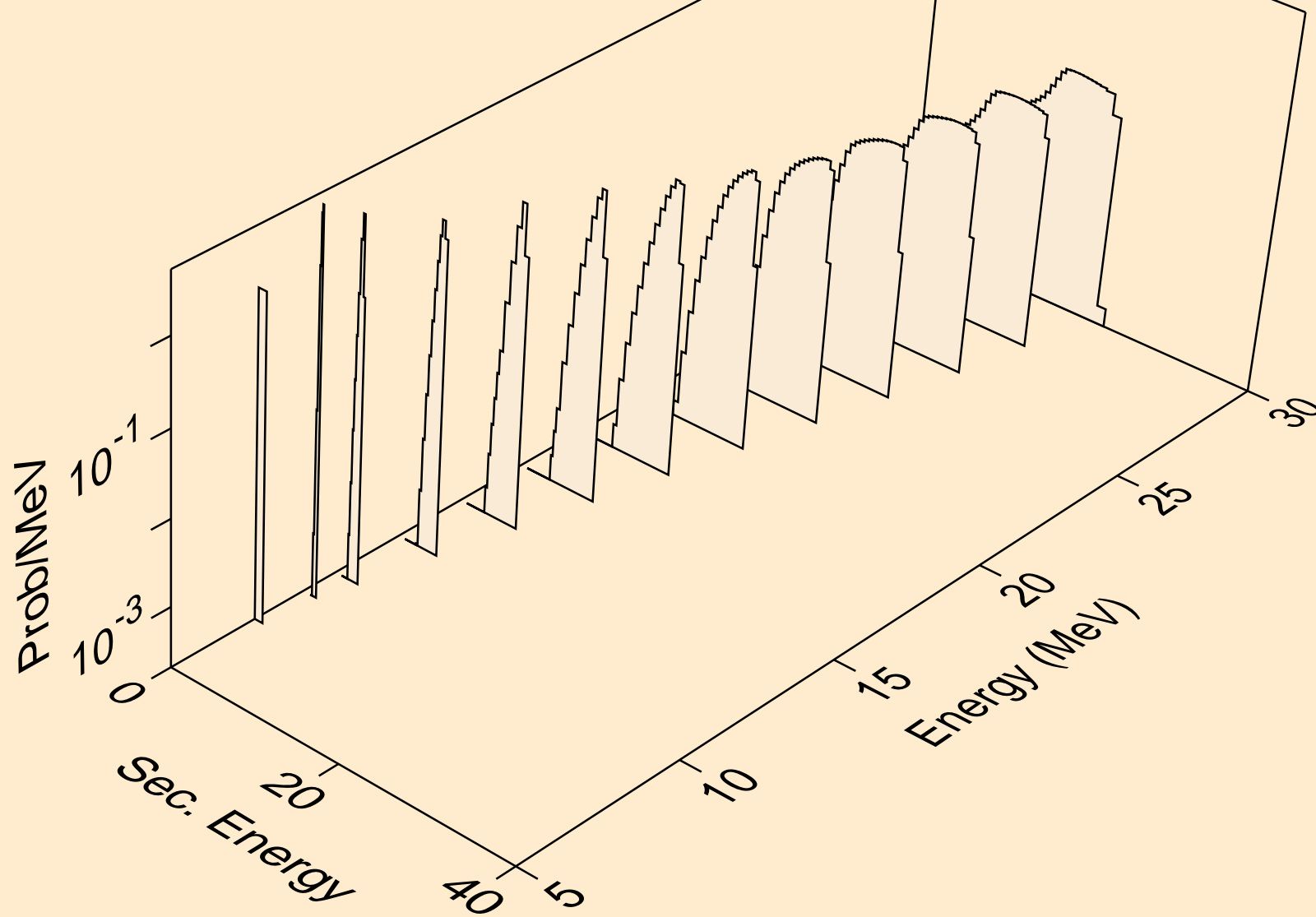
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



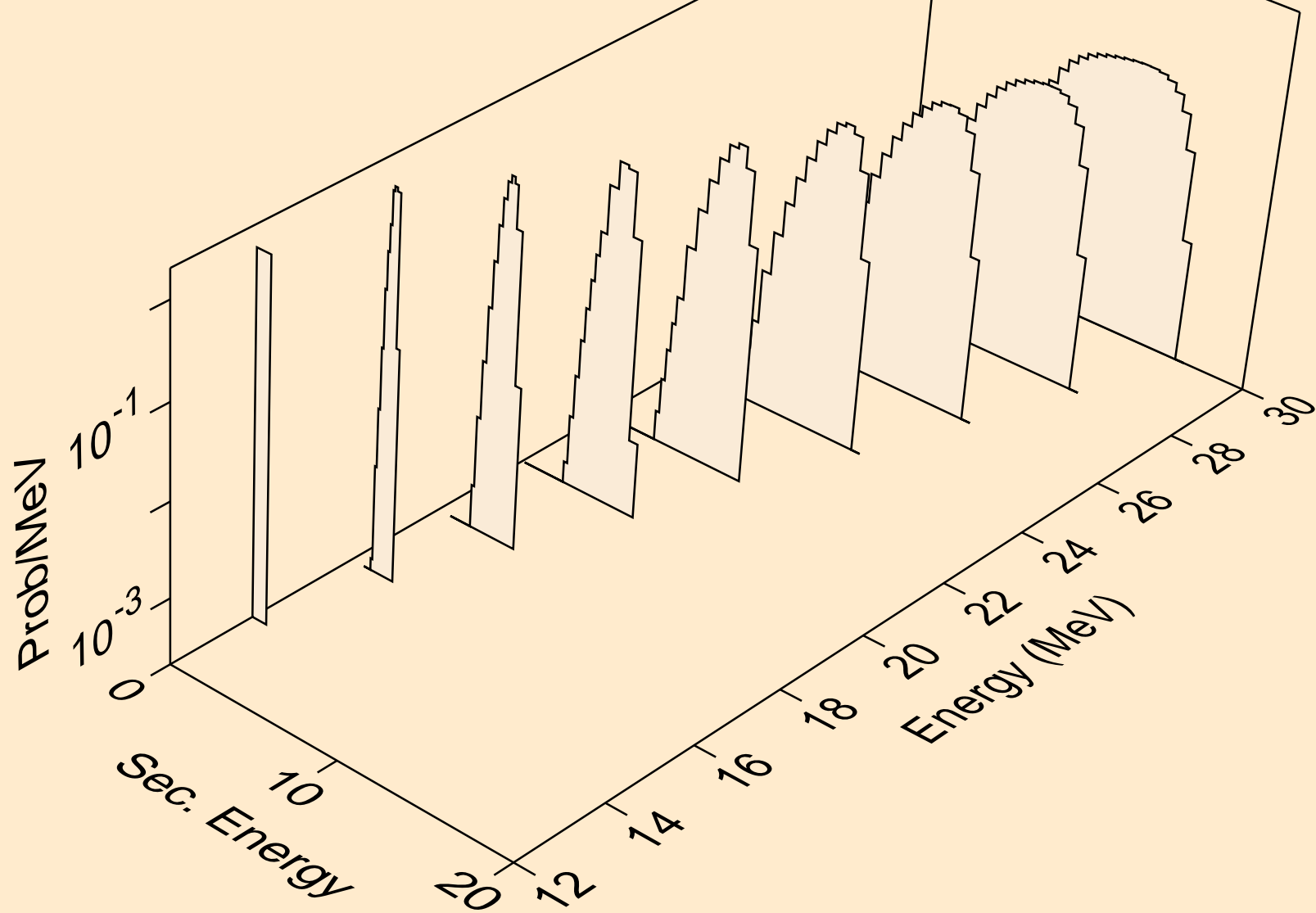
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



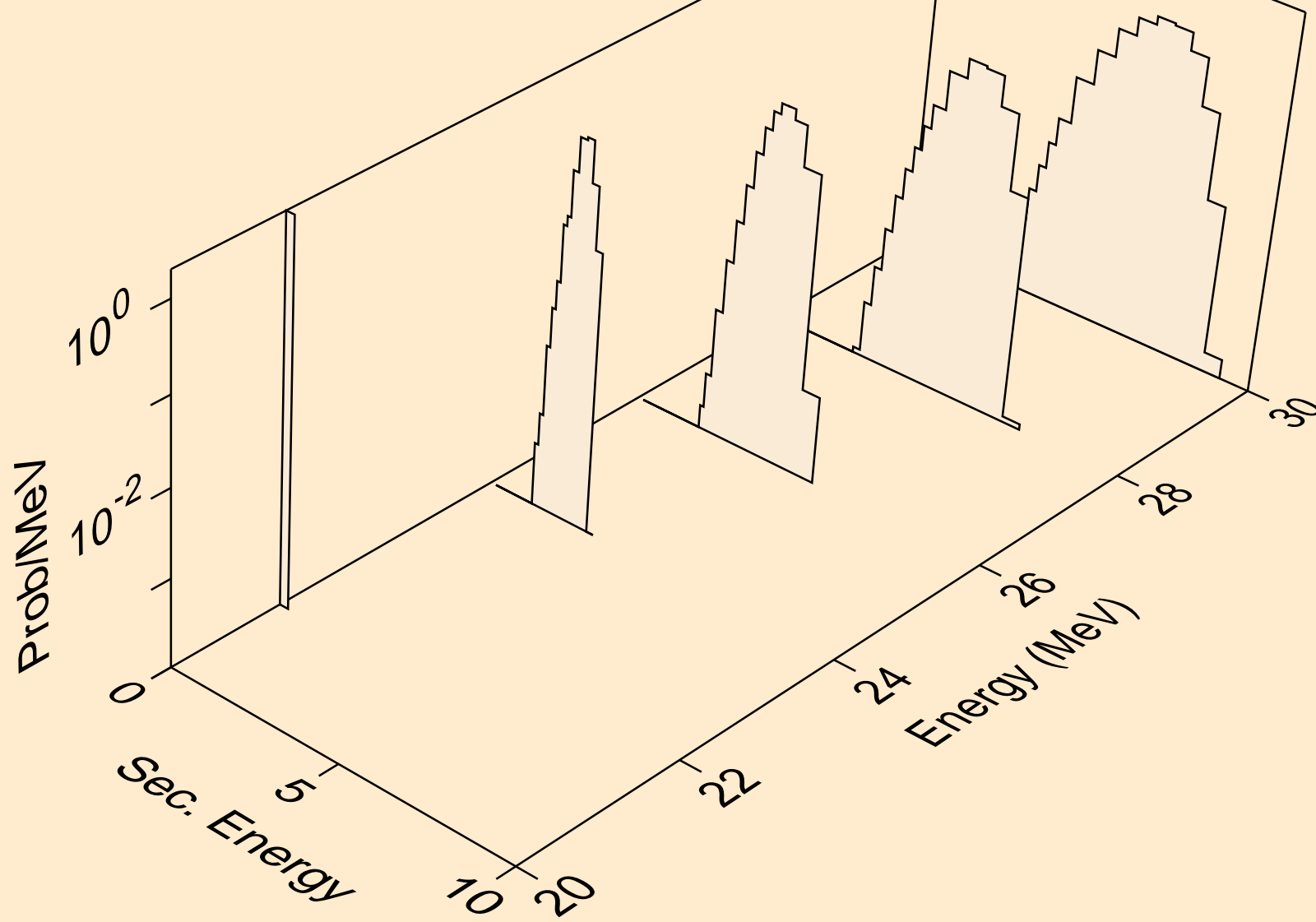
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

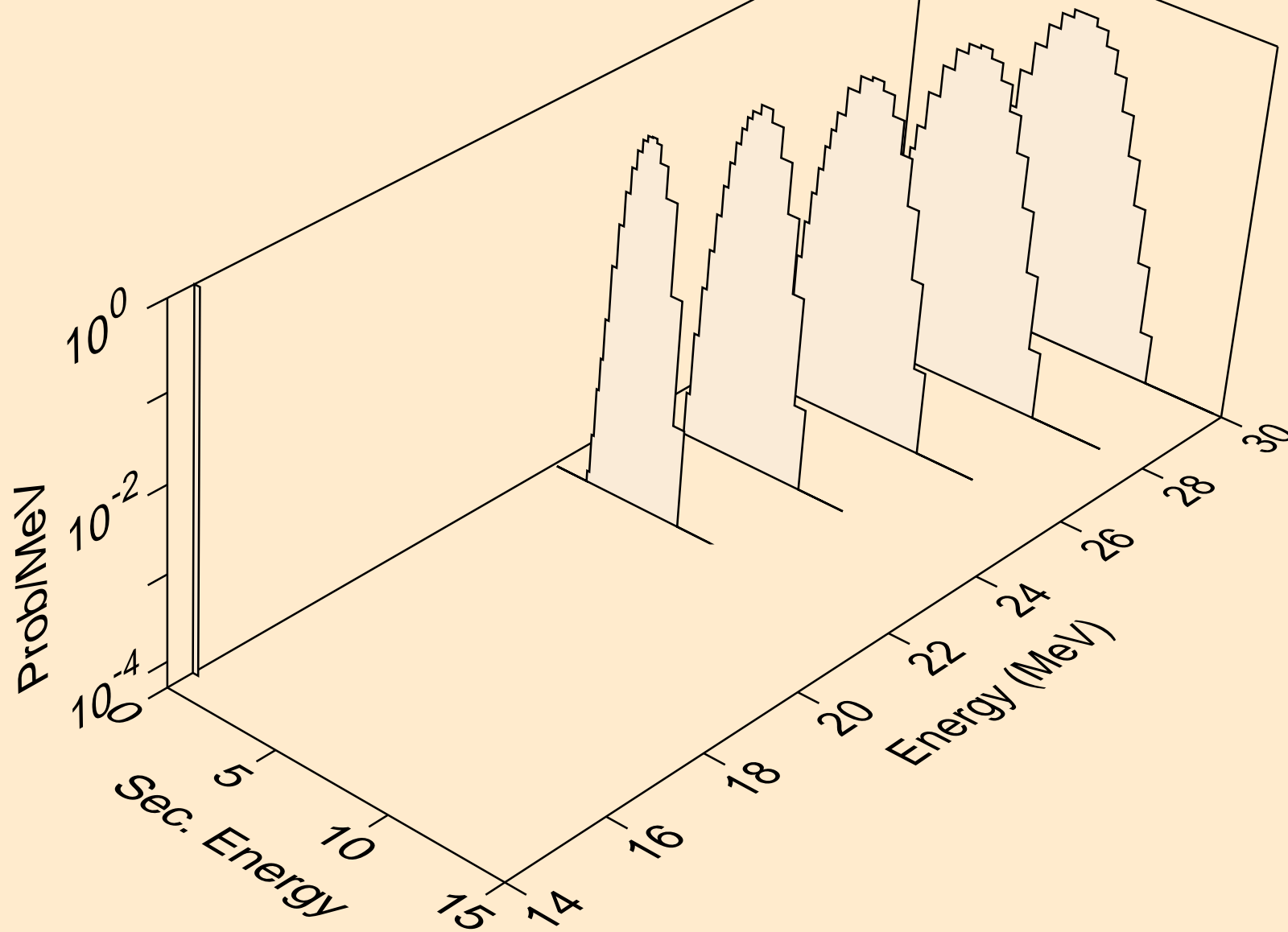


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

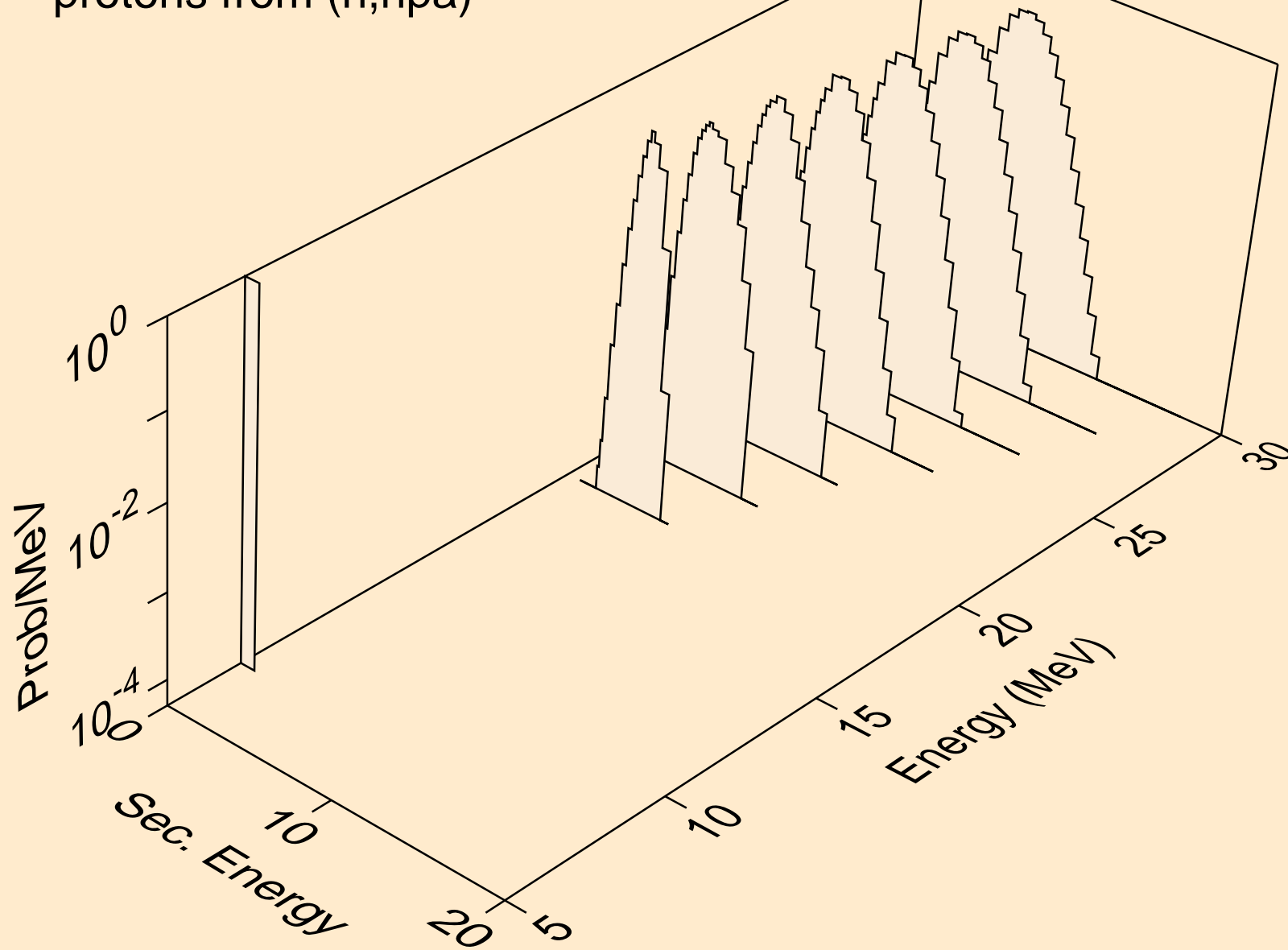




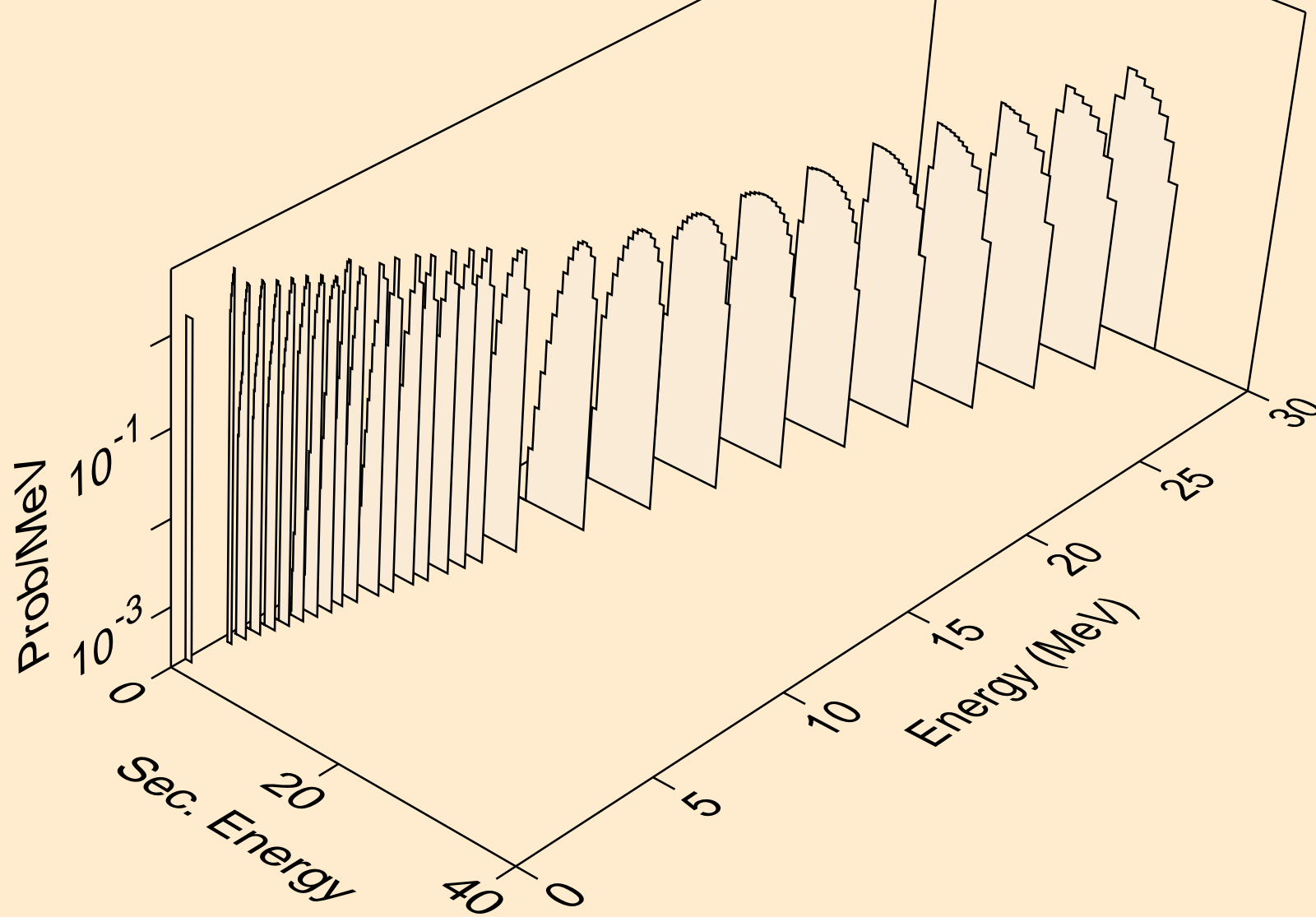
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protons from (n,n2p)



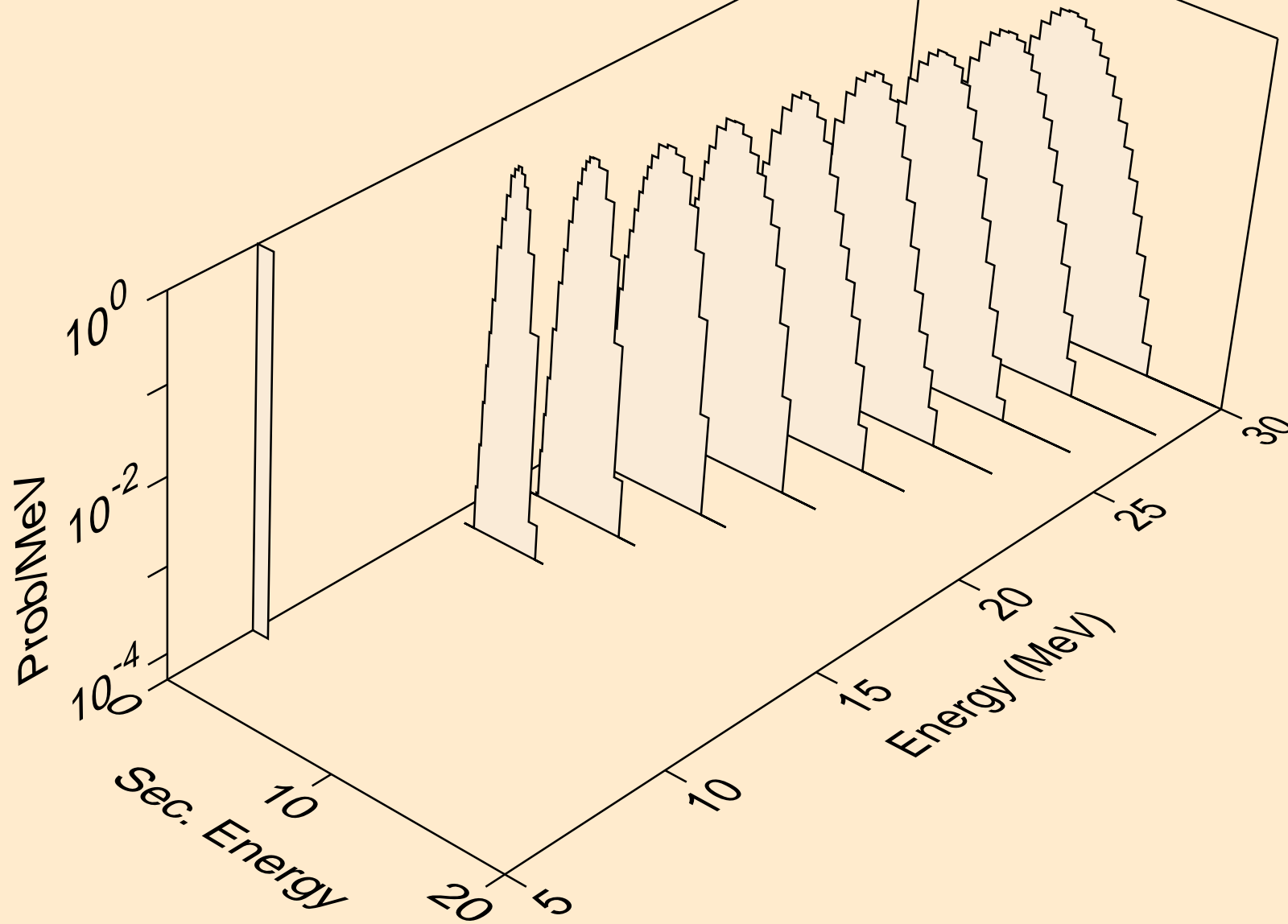
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protons from (n,npa)



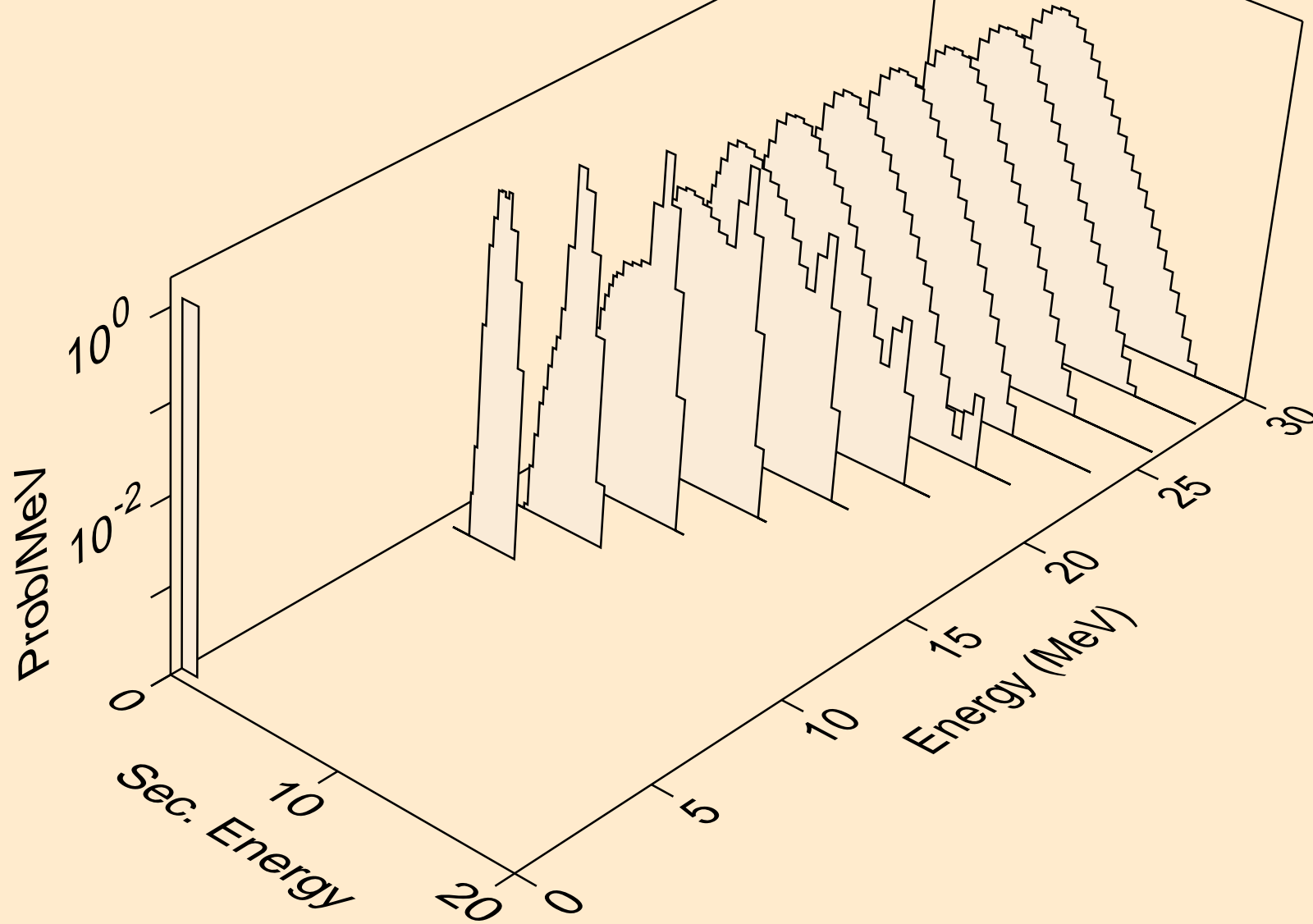
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protons from (n,p)



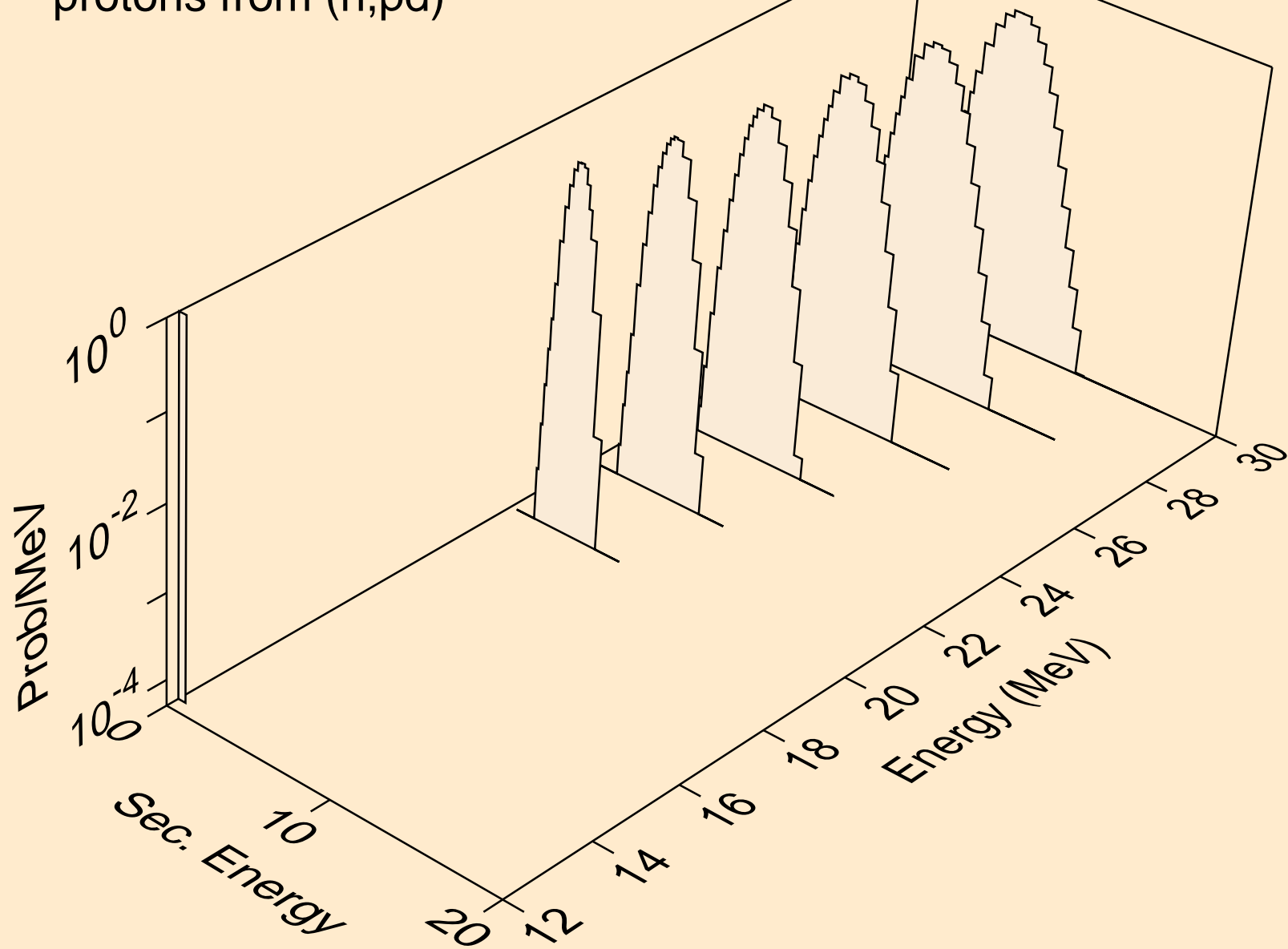
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protons from (n,2p)



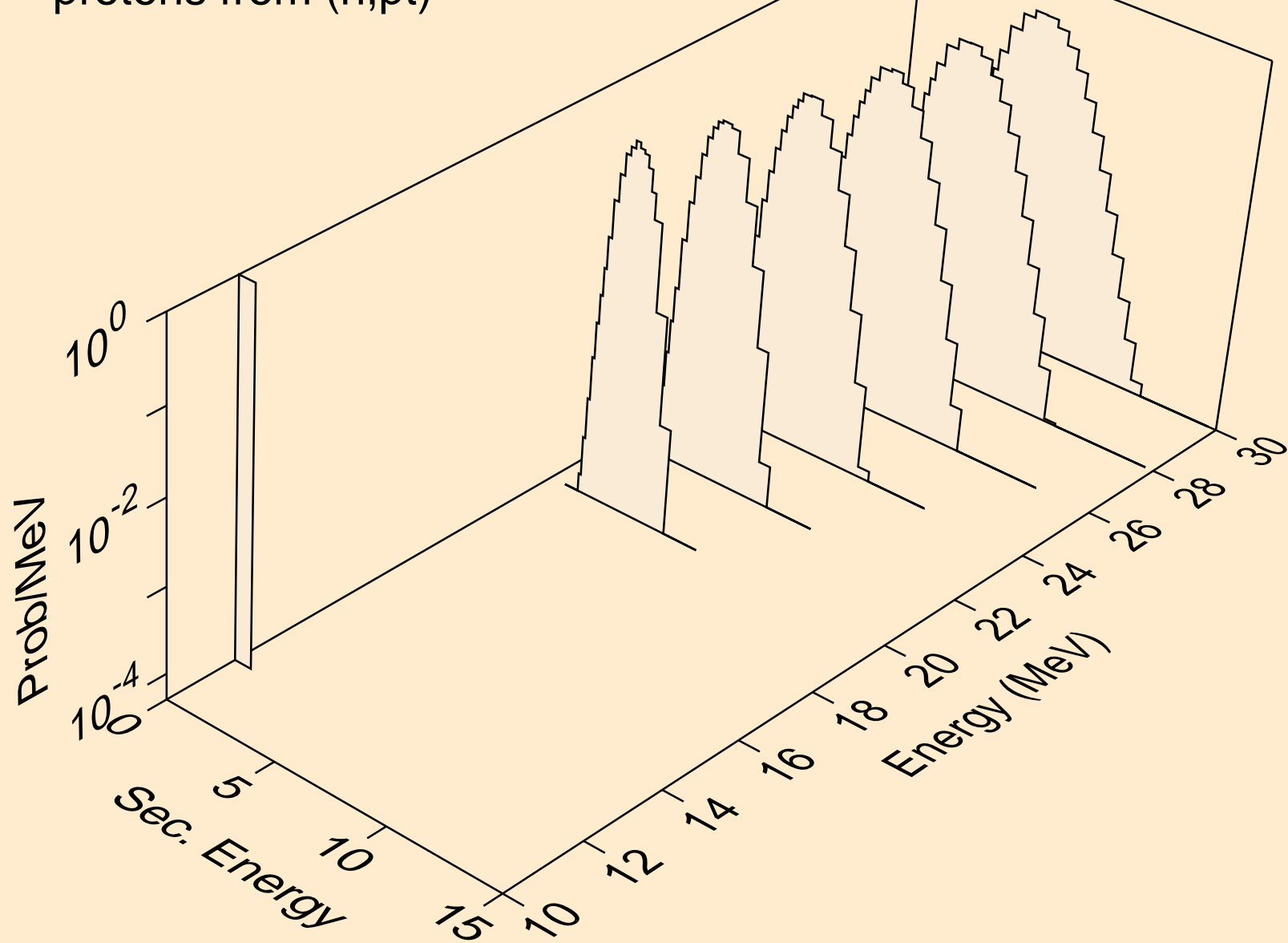
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protons from (n,p)



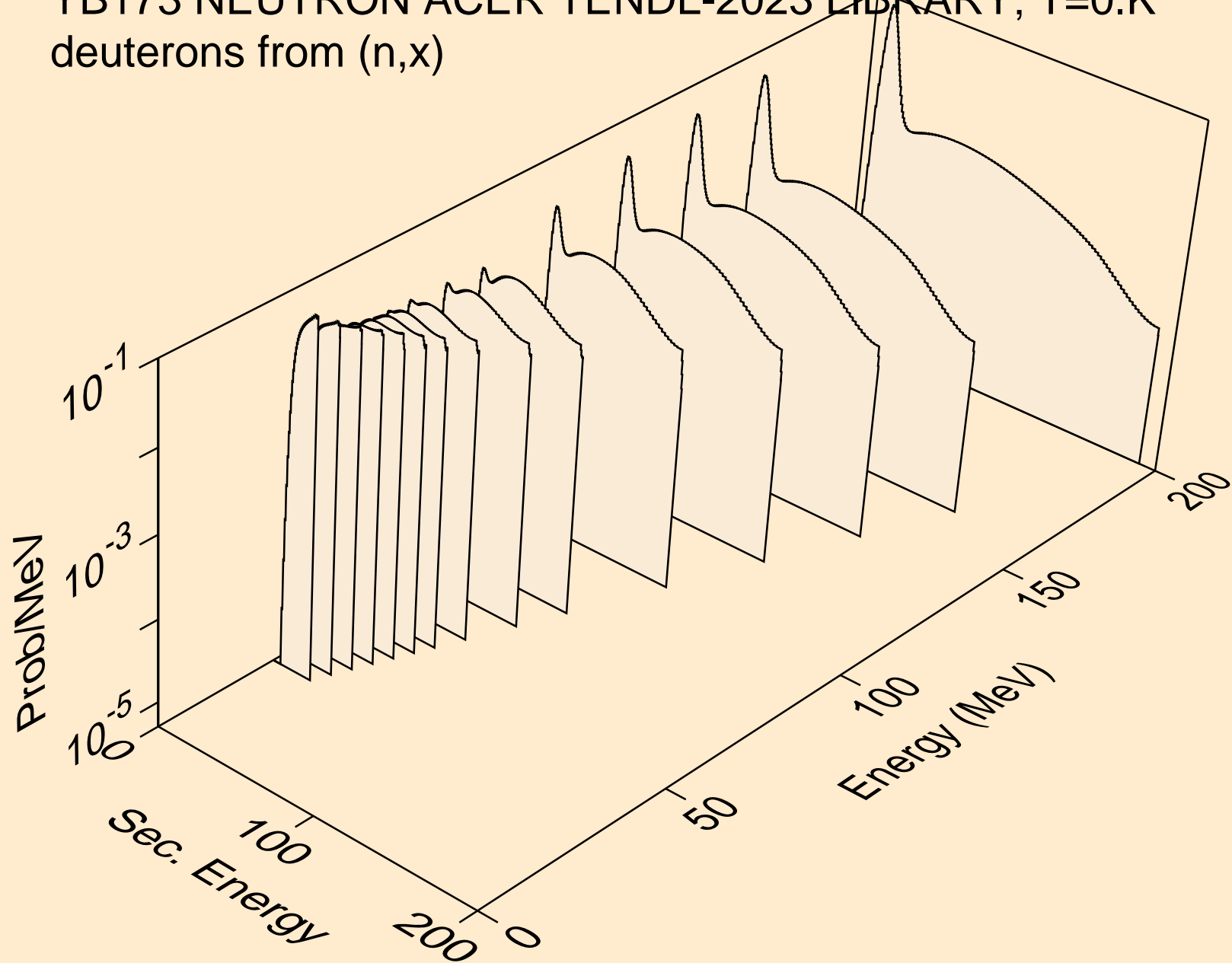
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)

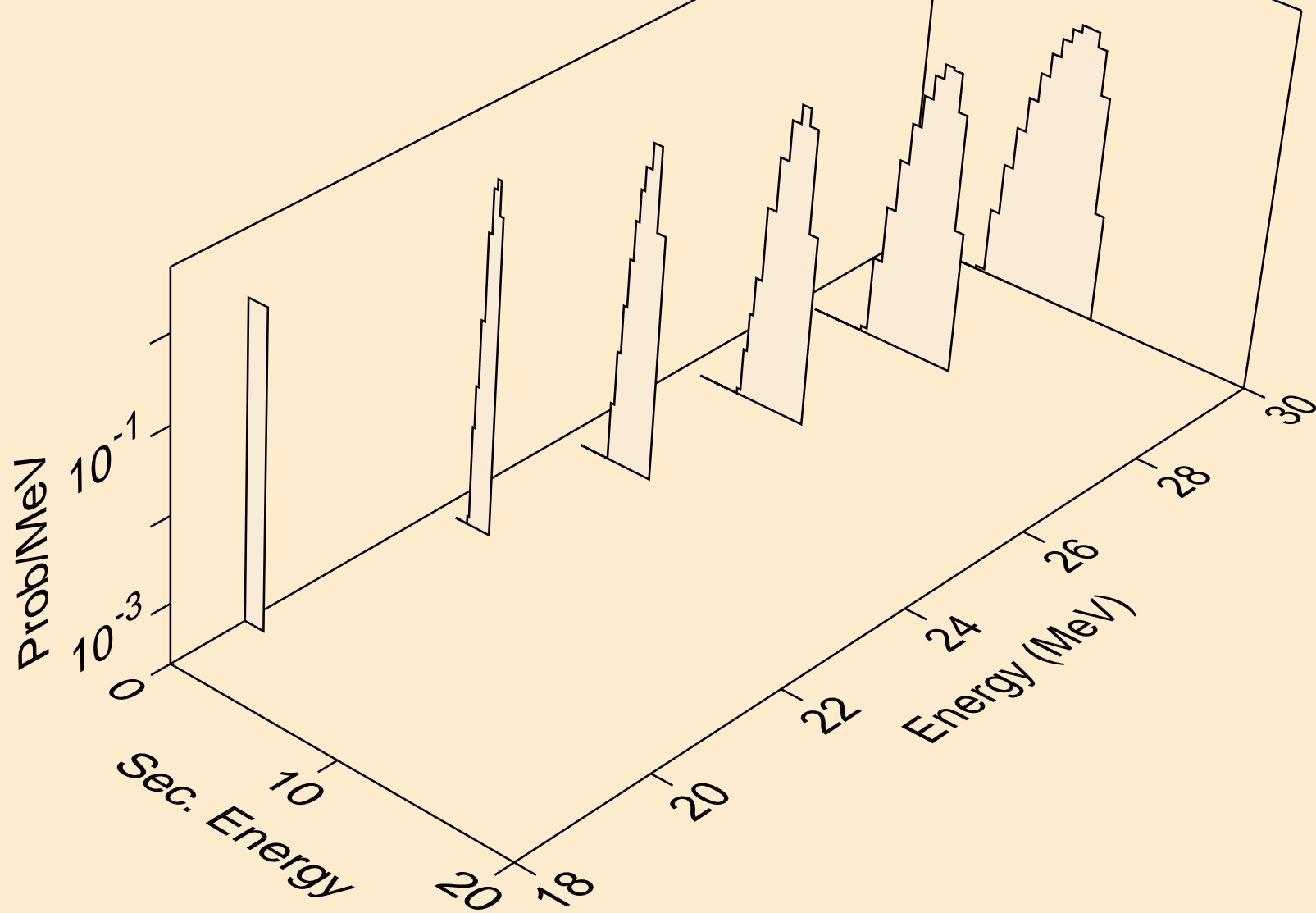


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

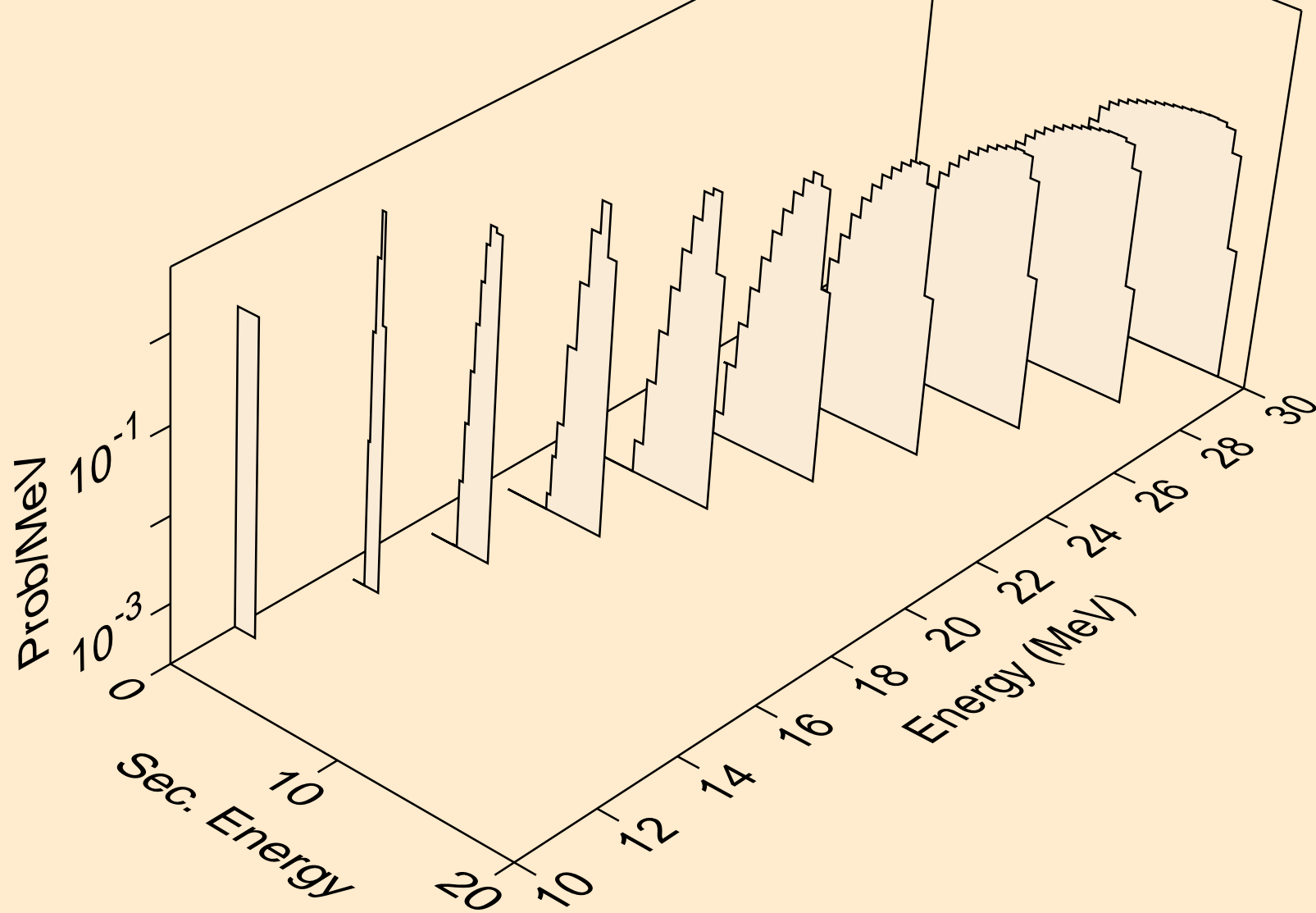




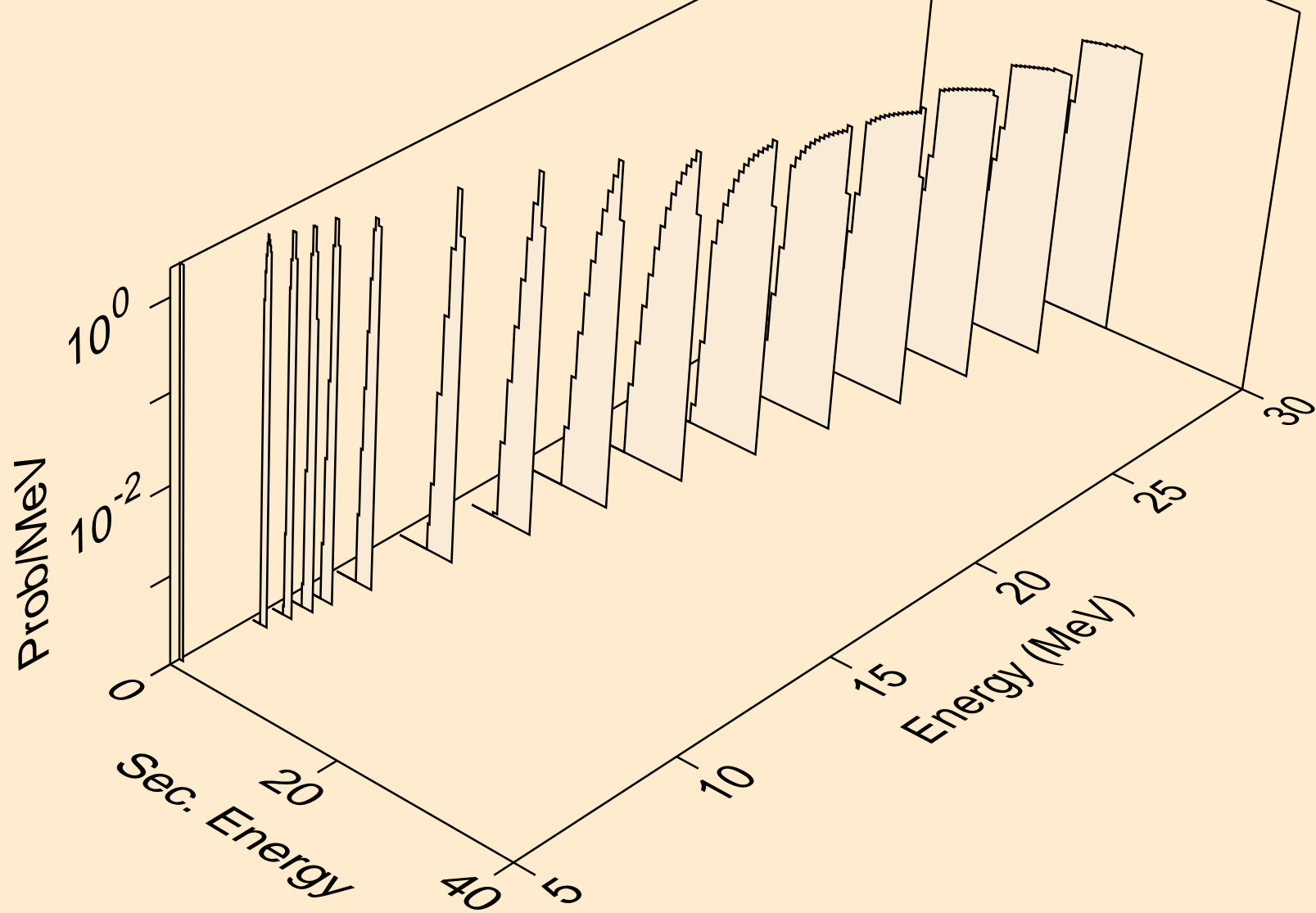
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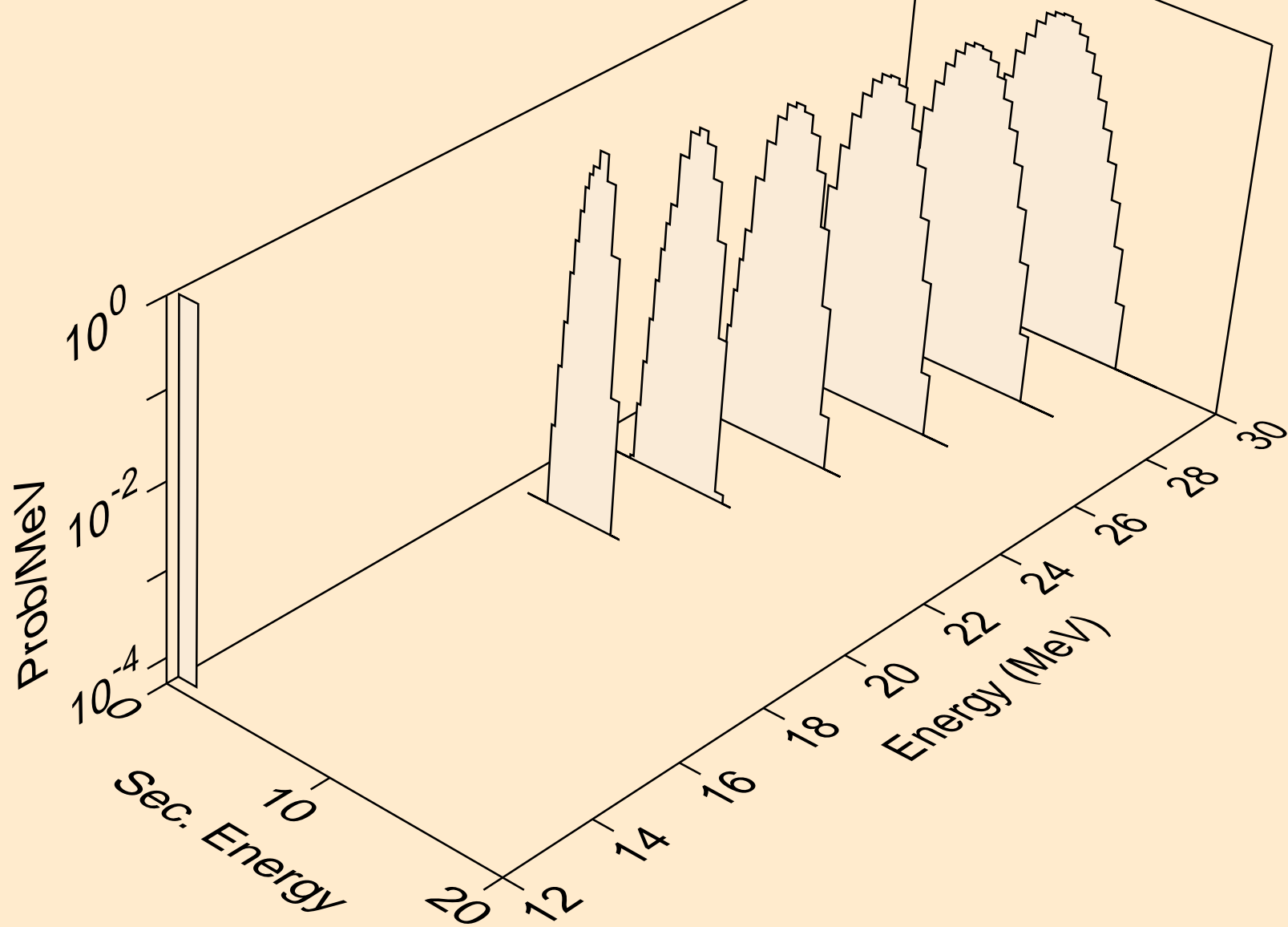
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



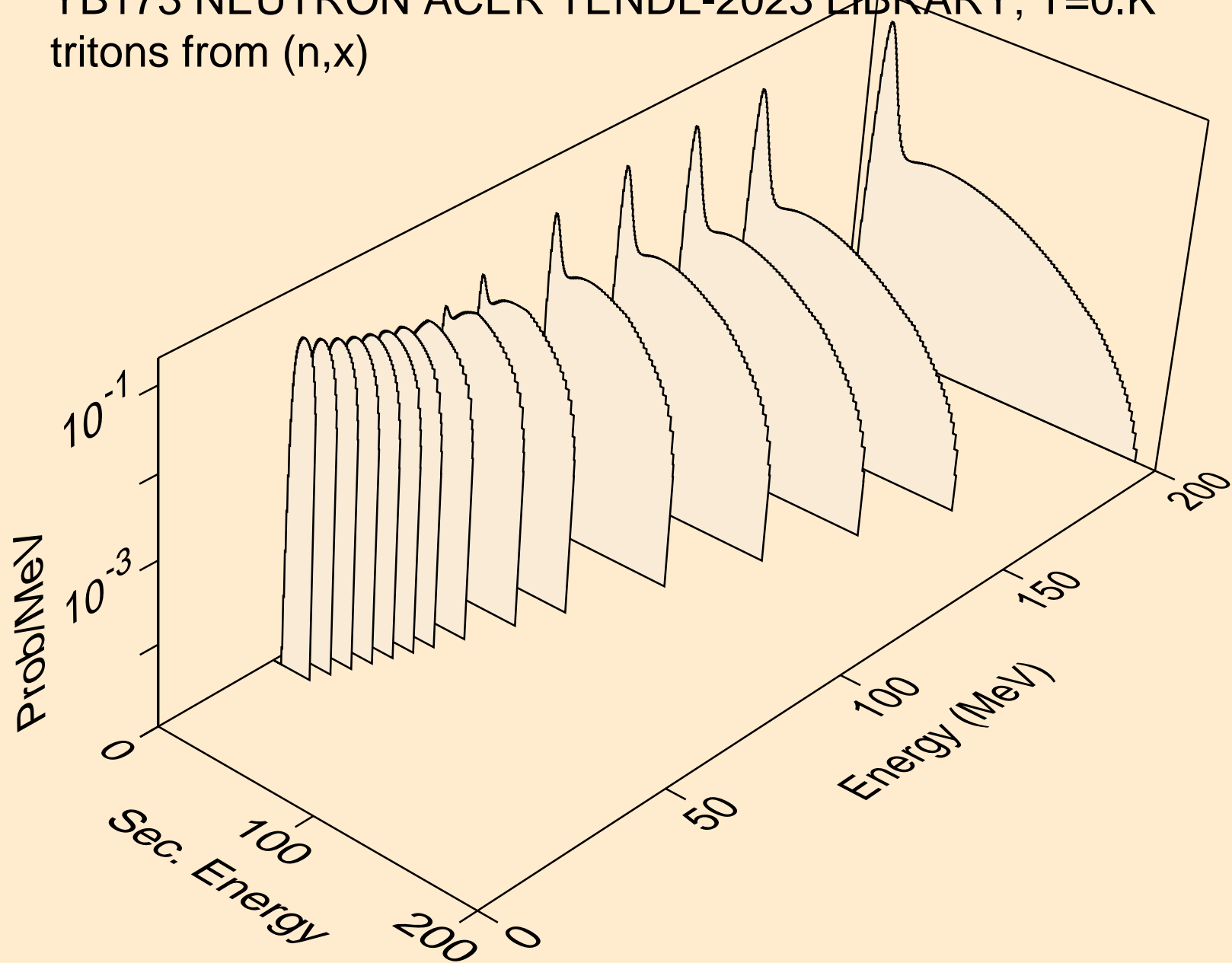
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deuterons from (n,d)



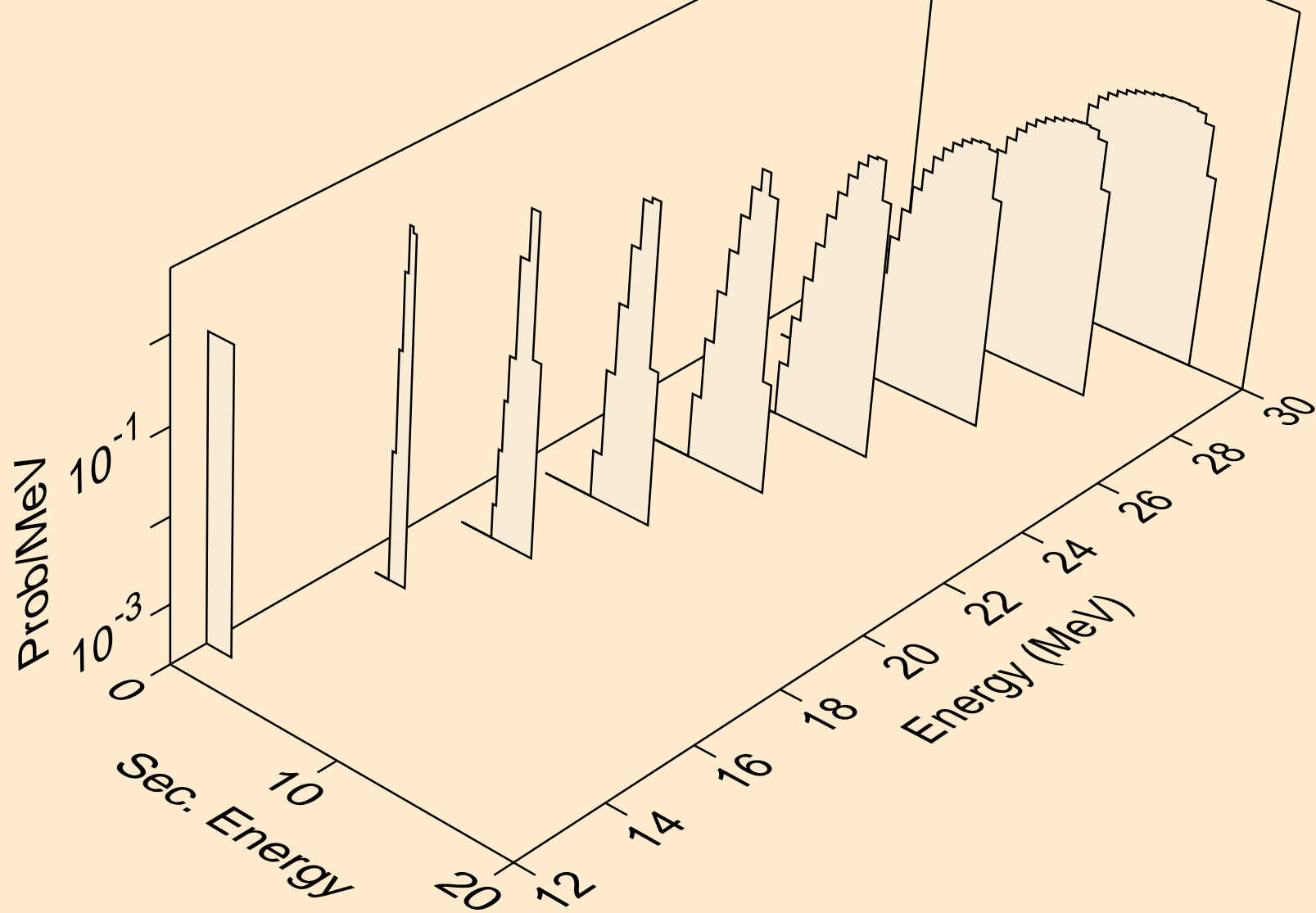
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deuterons from (n,pd)



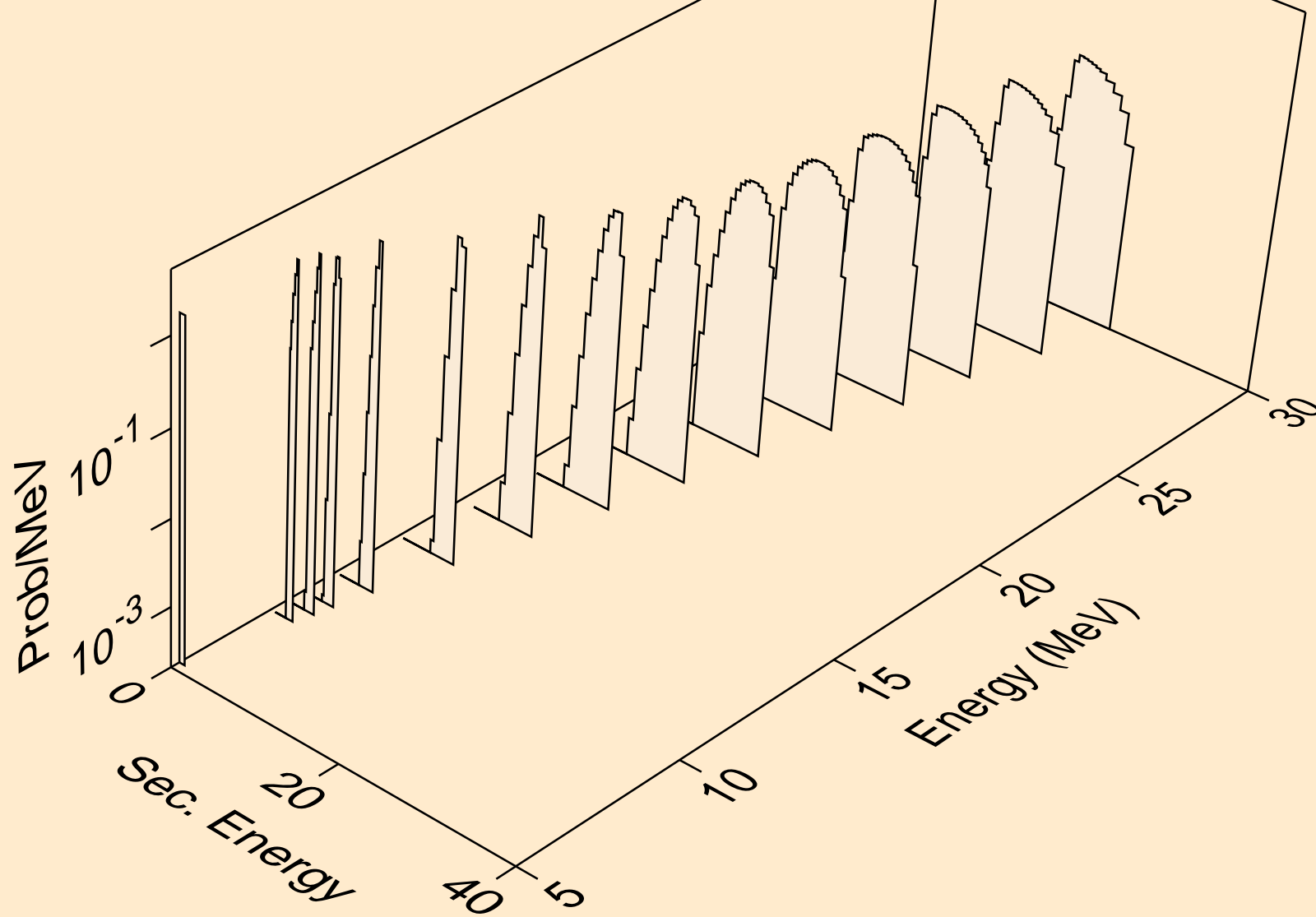
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



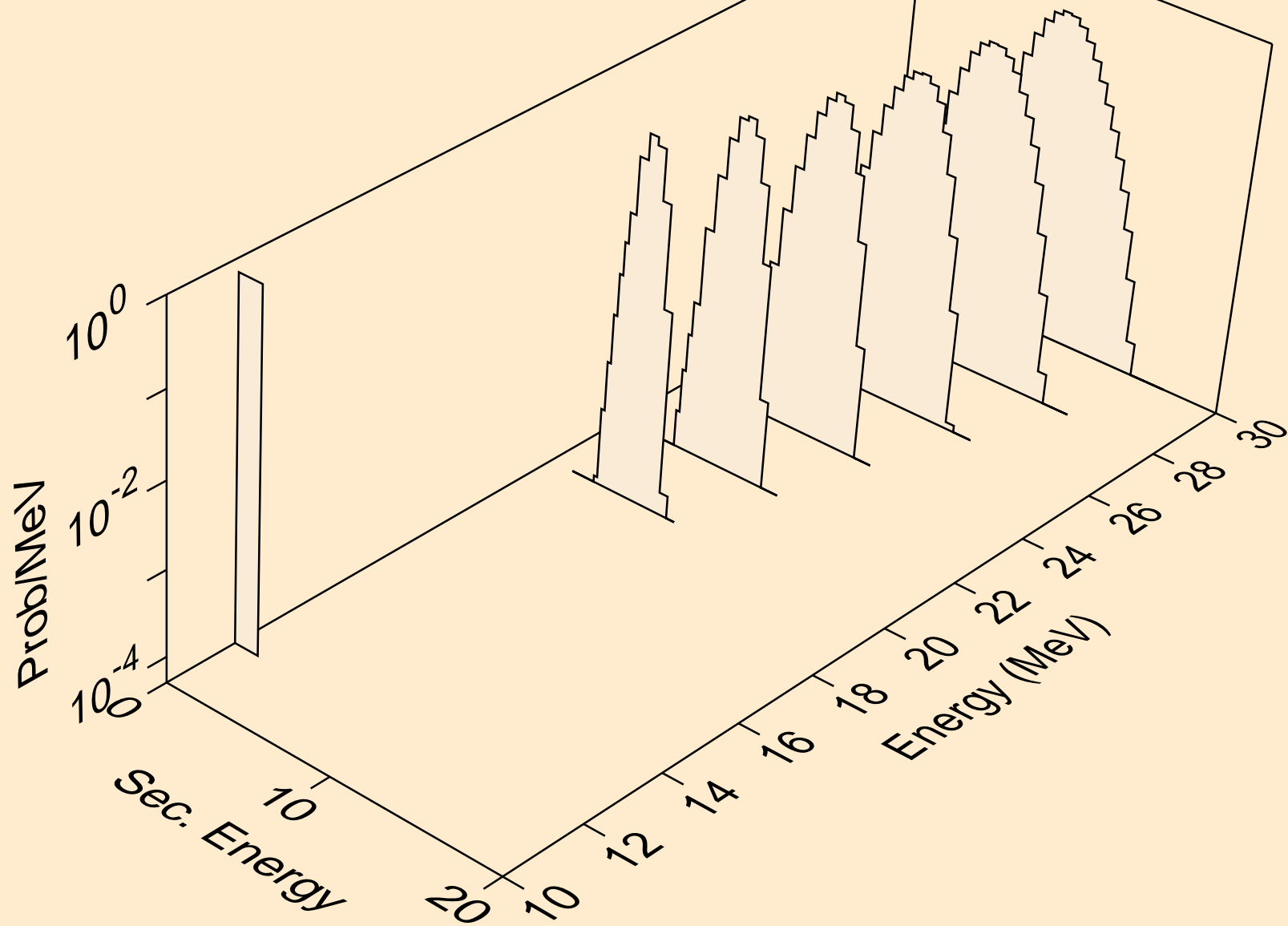
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

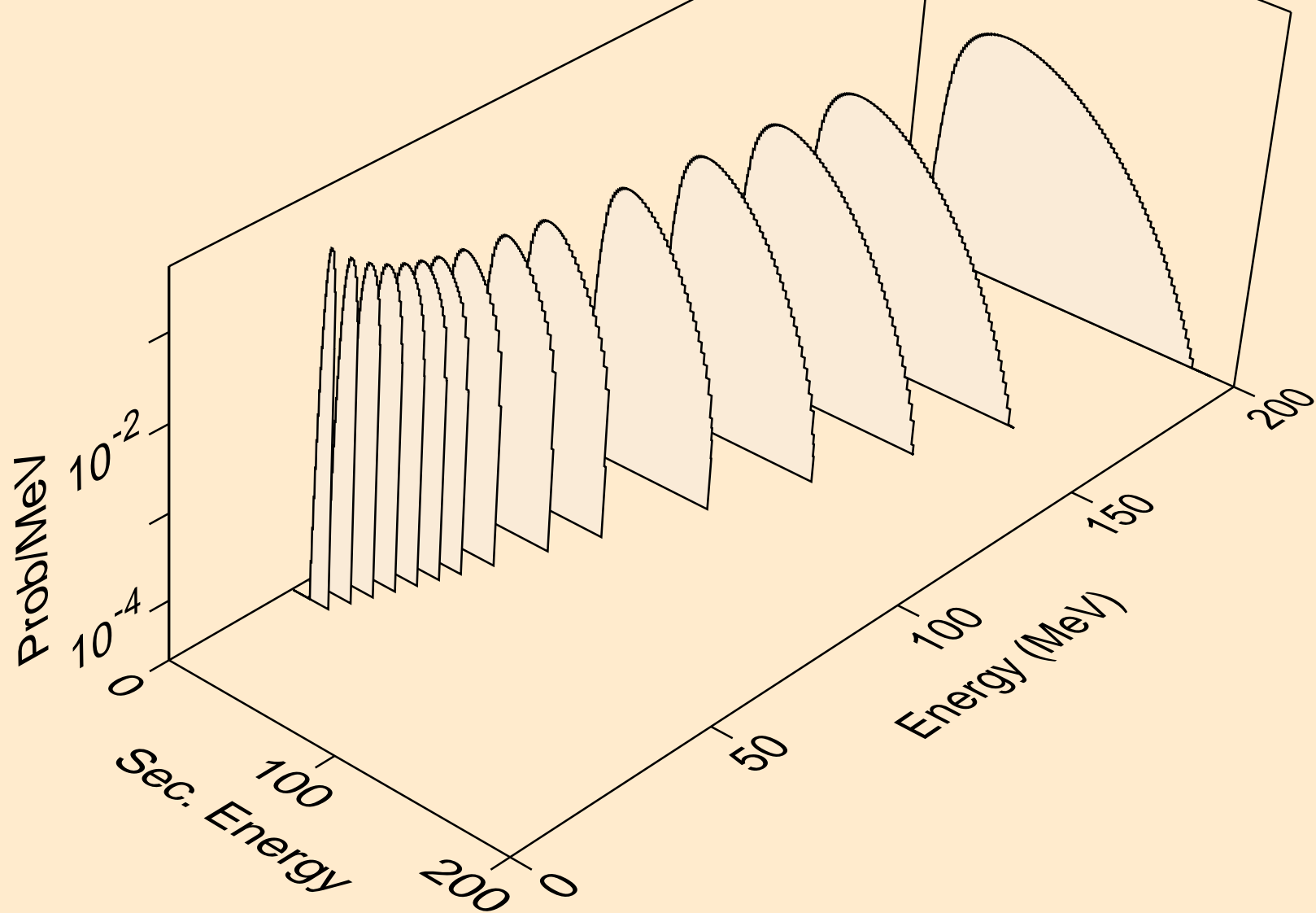


YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

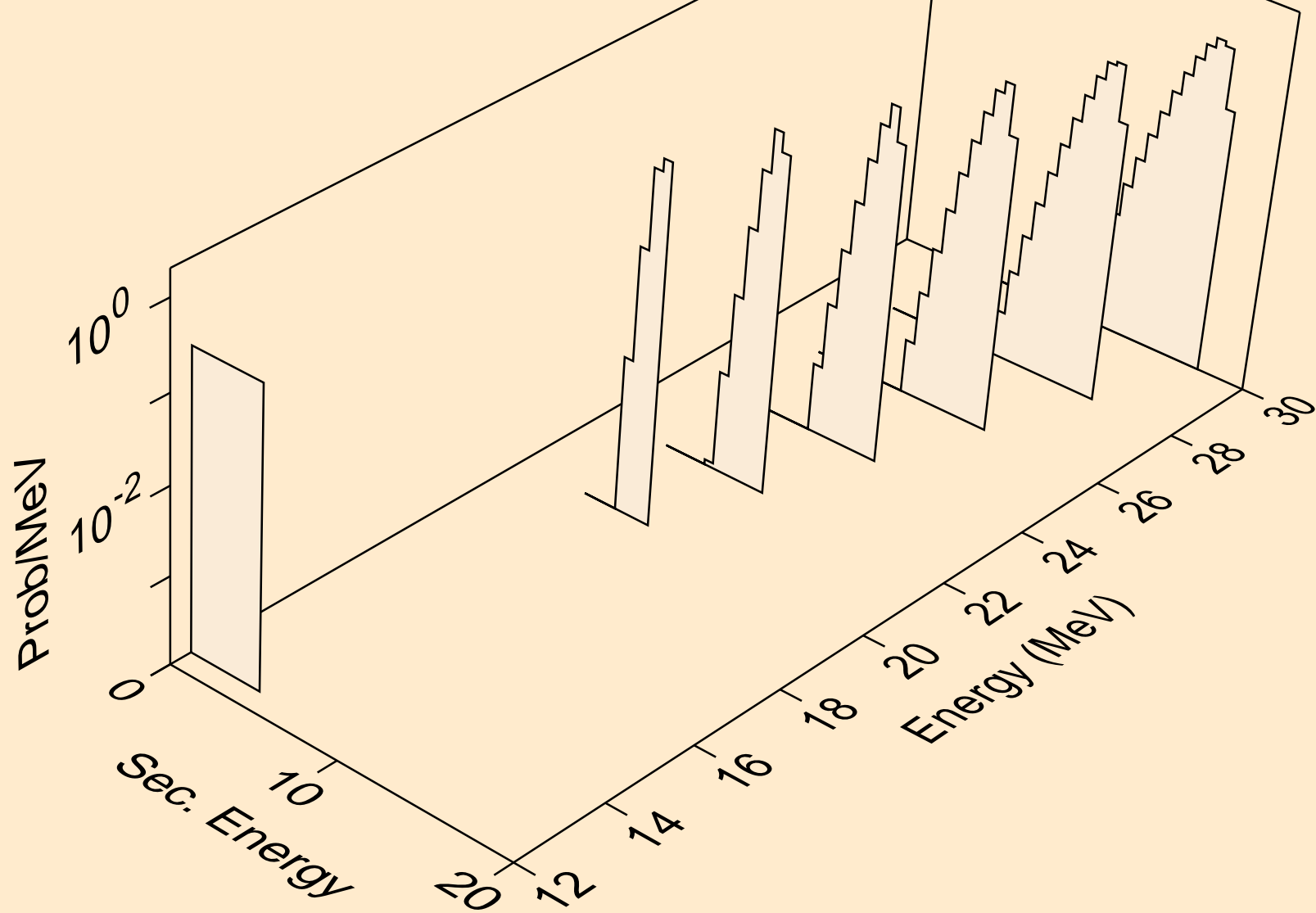




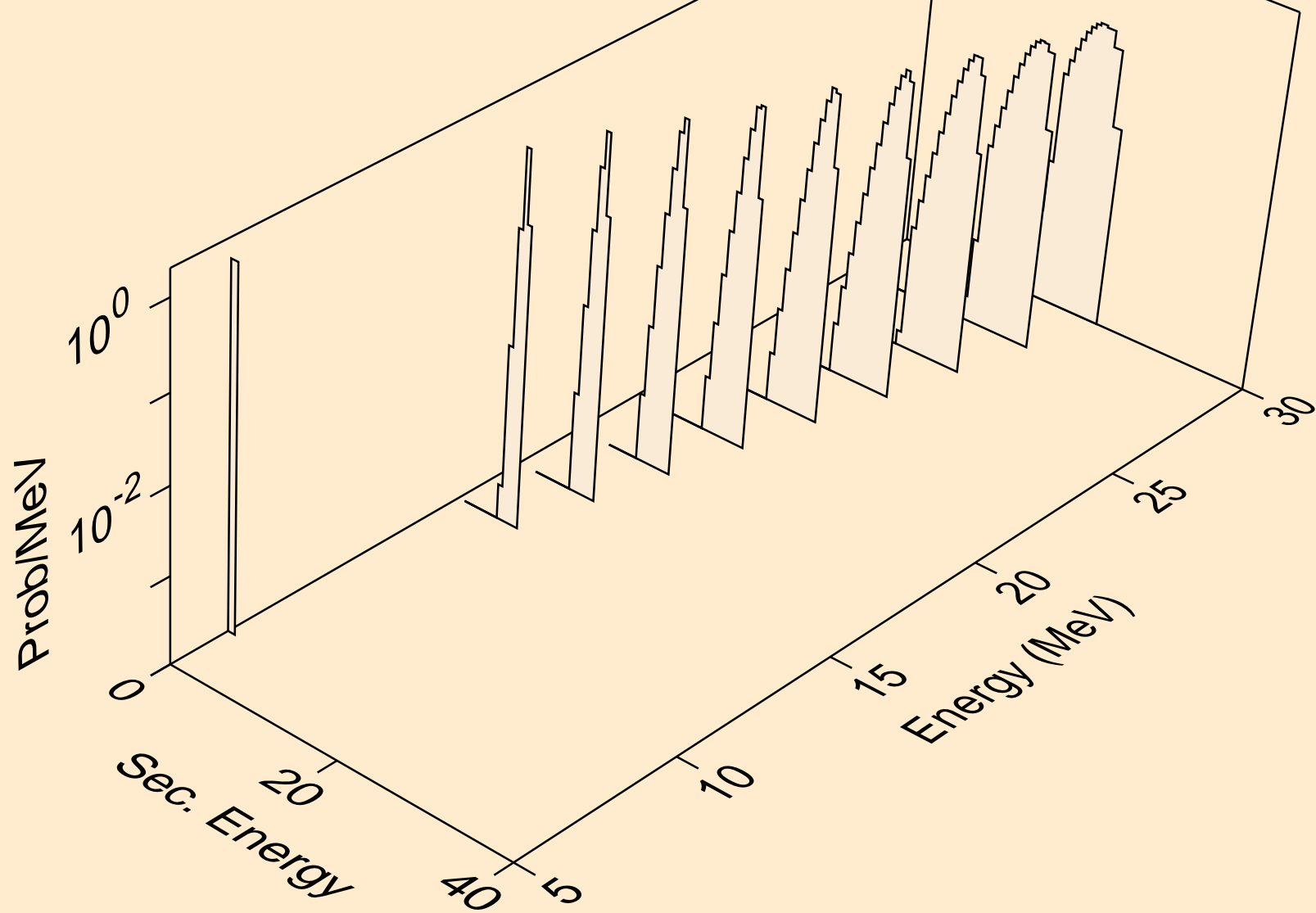
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



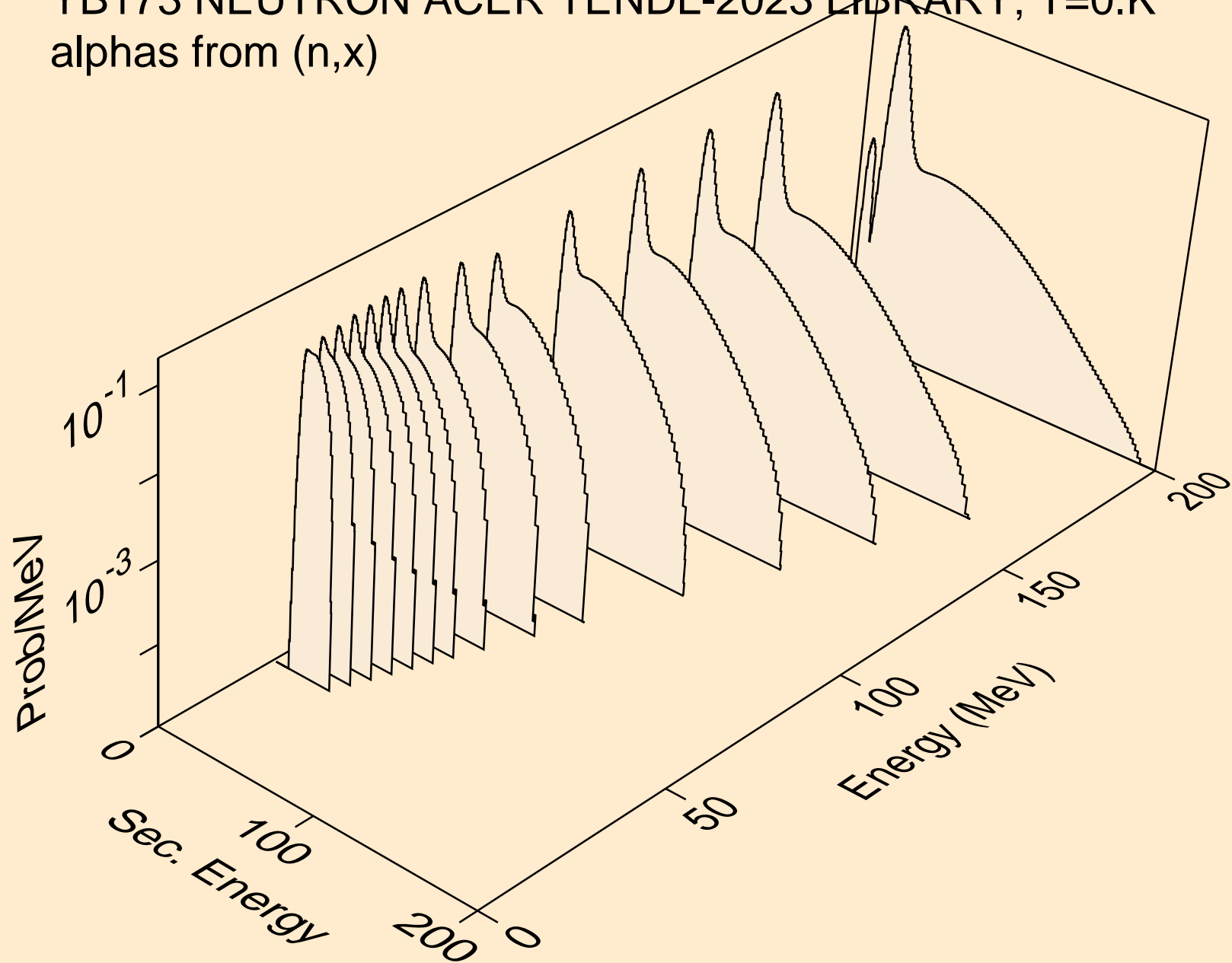
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he3s from (n,n\*)he3



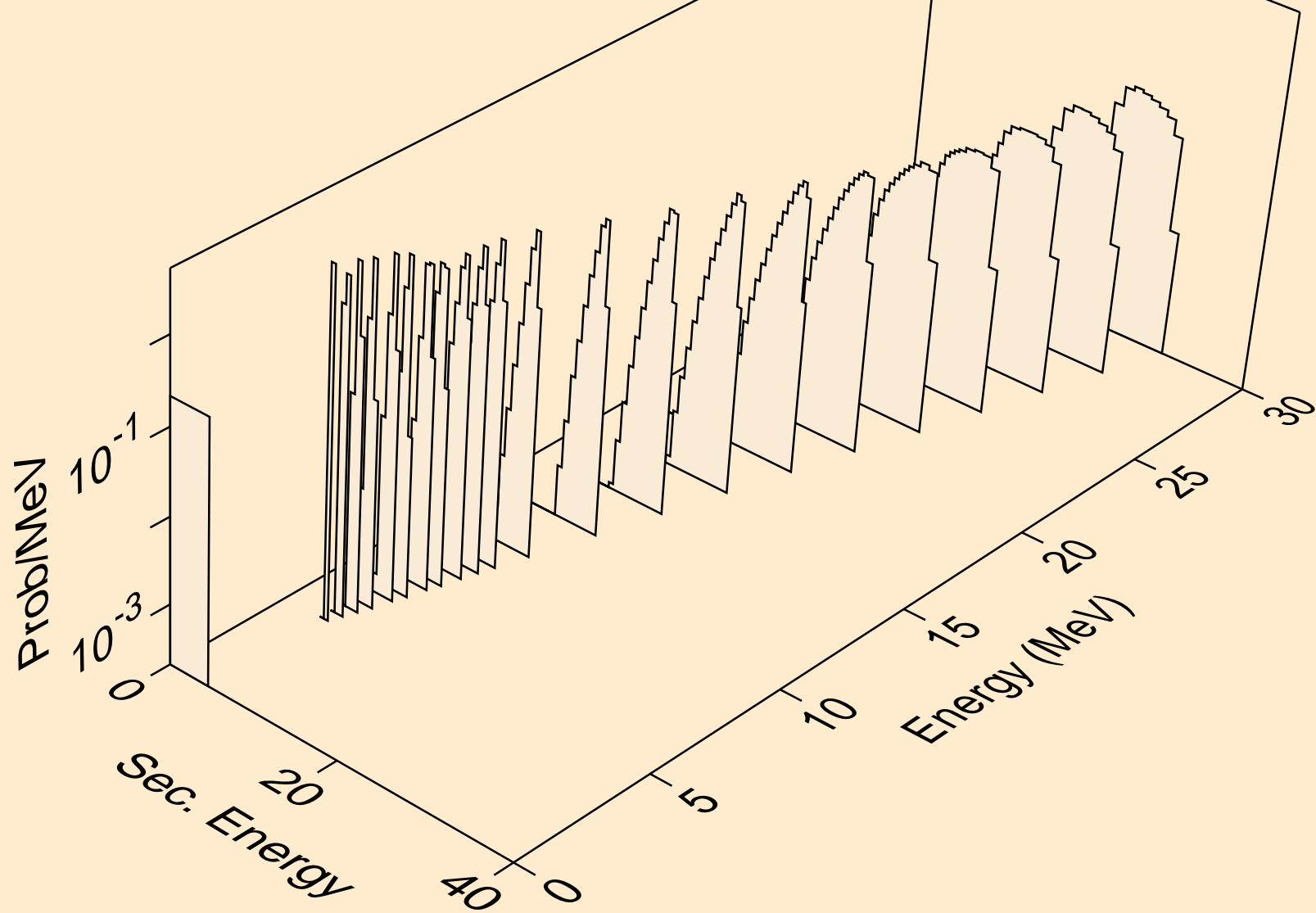
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he3s from (n,he3)



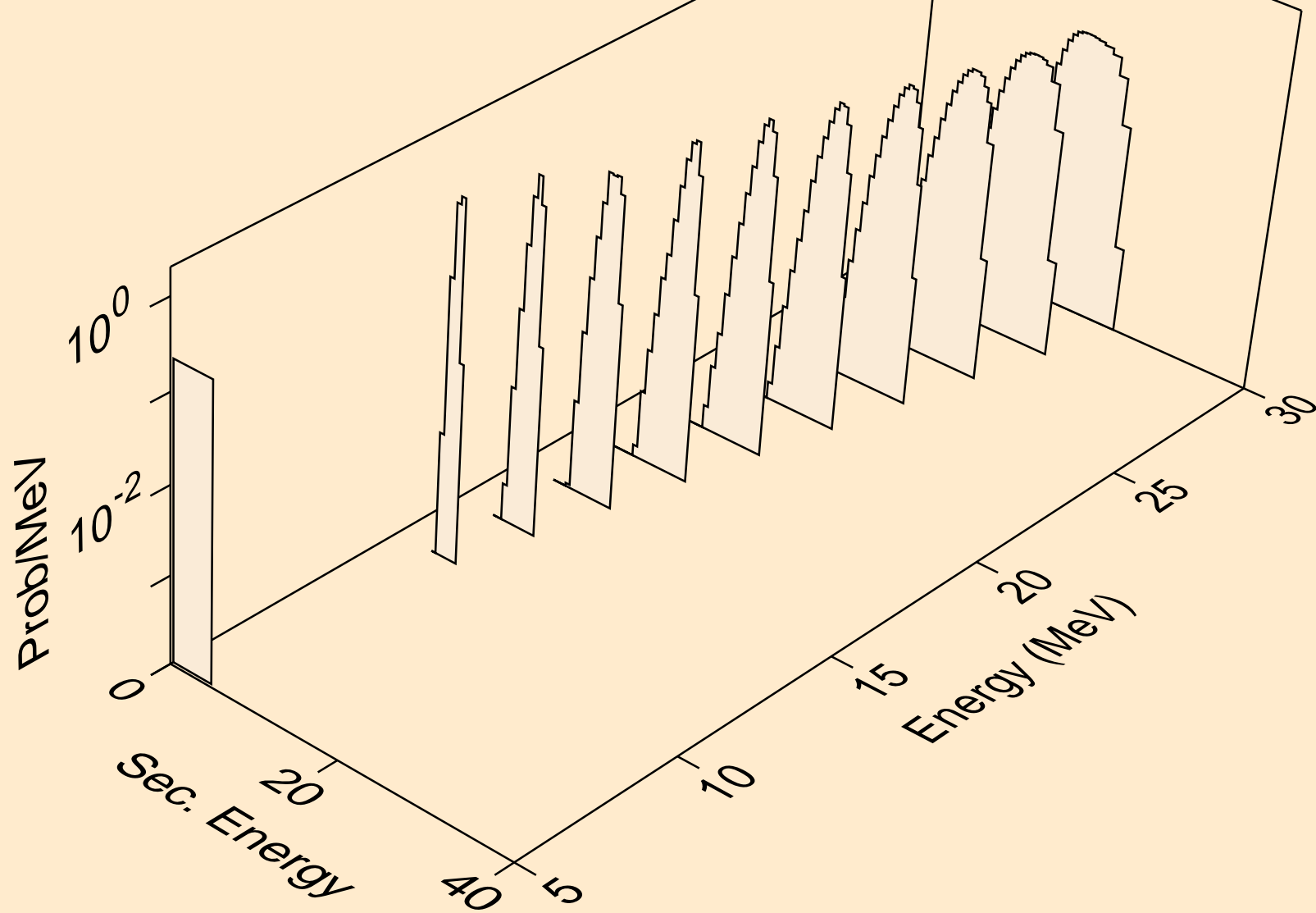
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



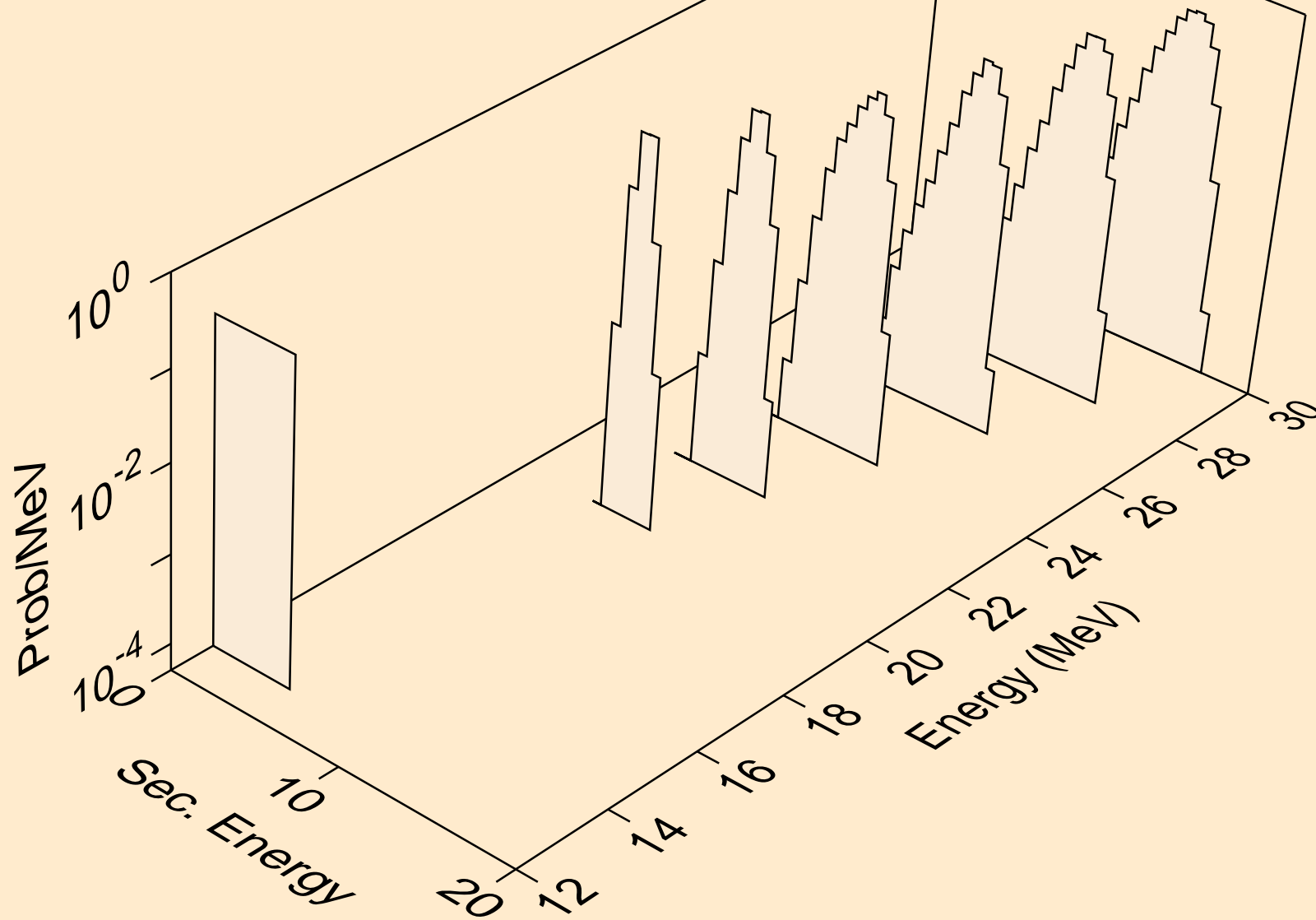
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alphas from (n,n\*)a



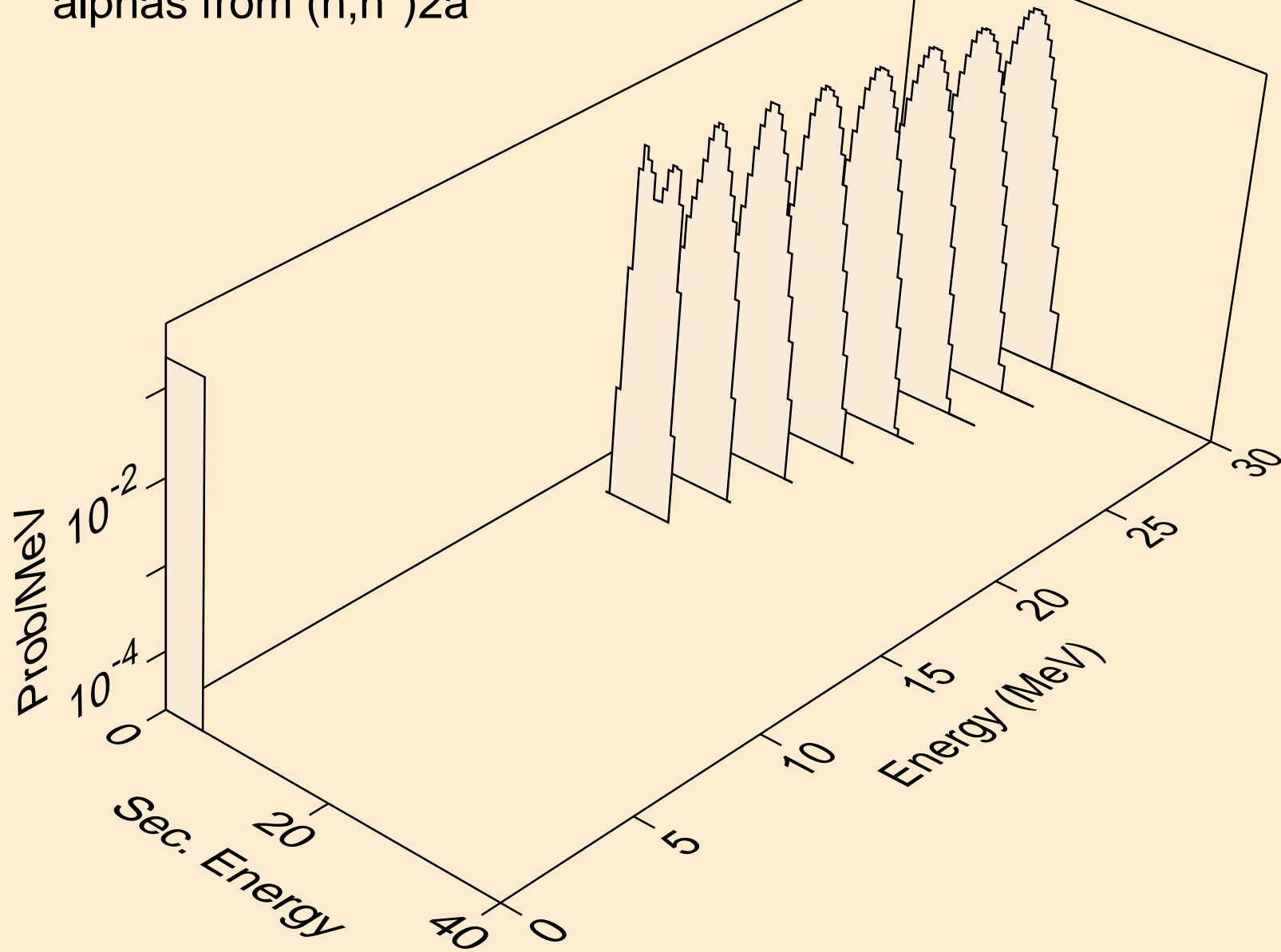
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

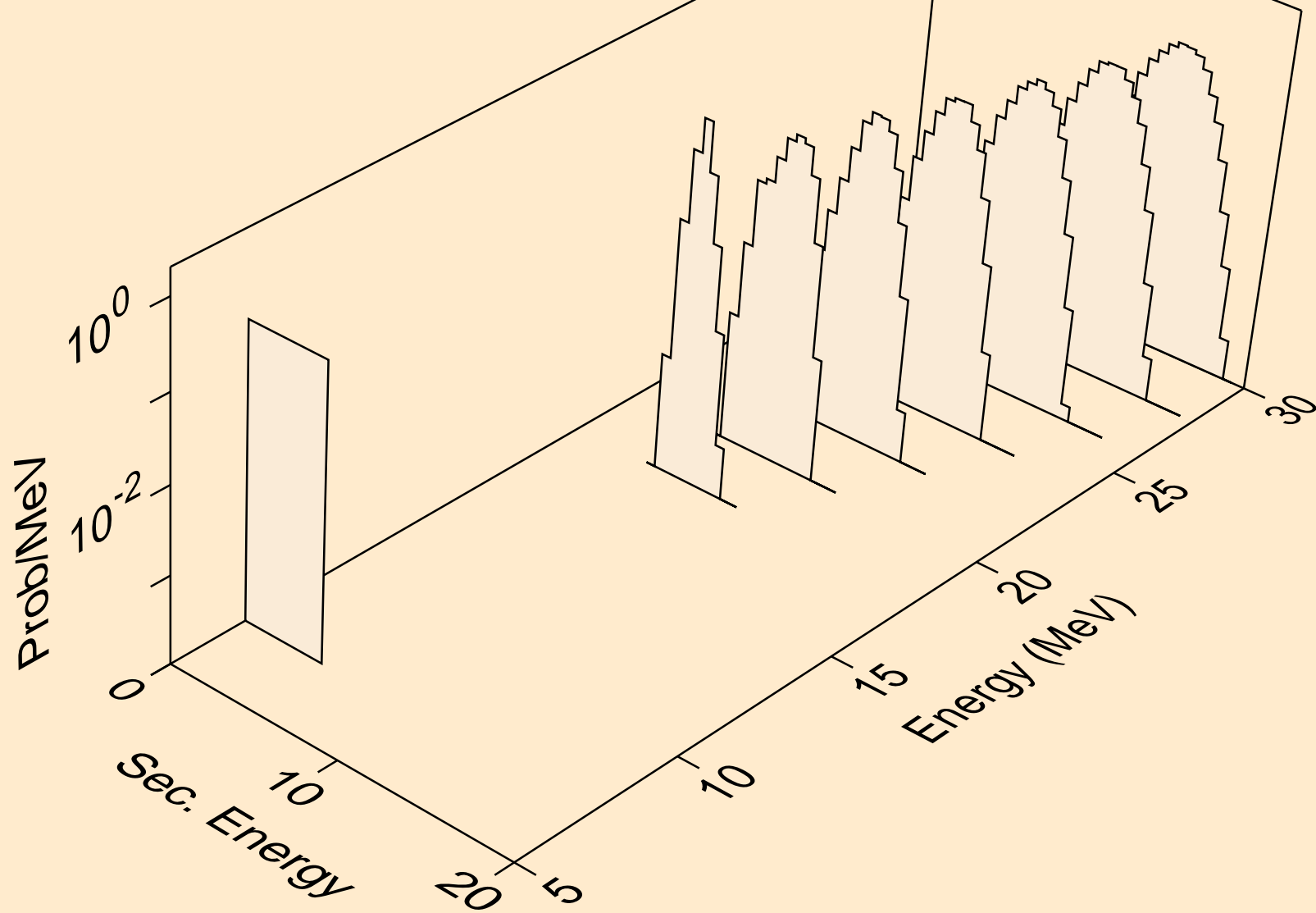


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alphas from (n,n\*)2a

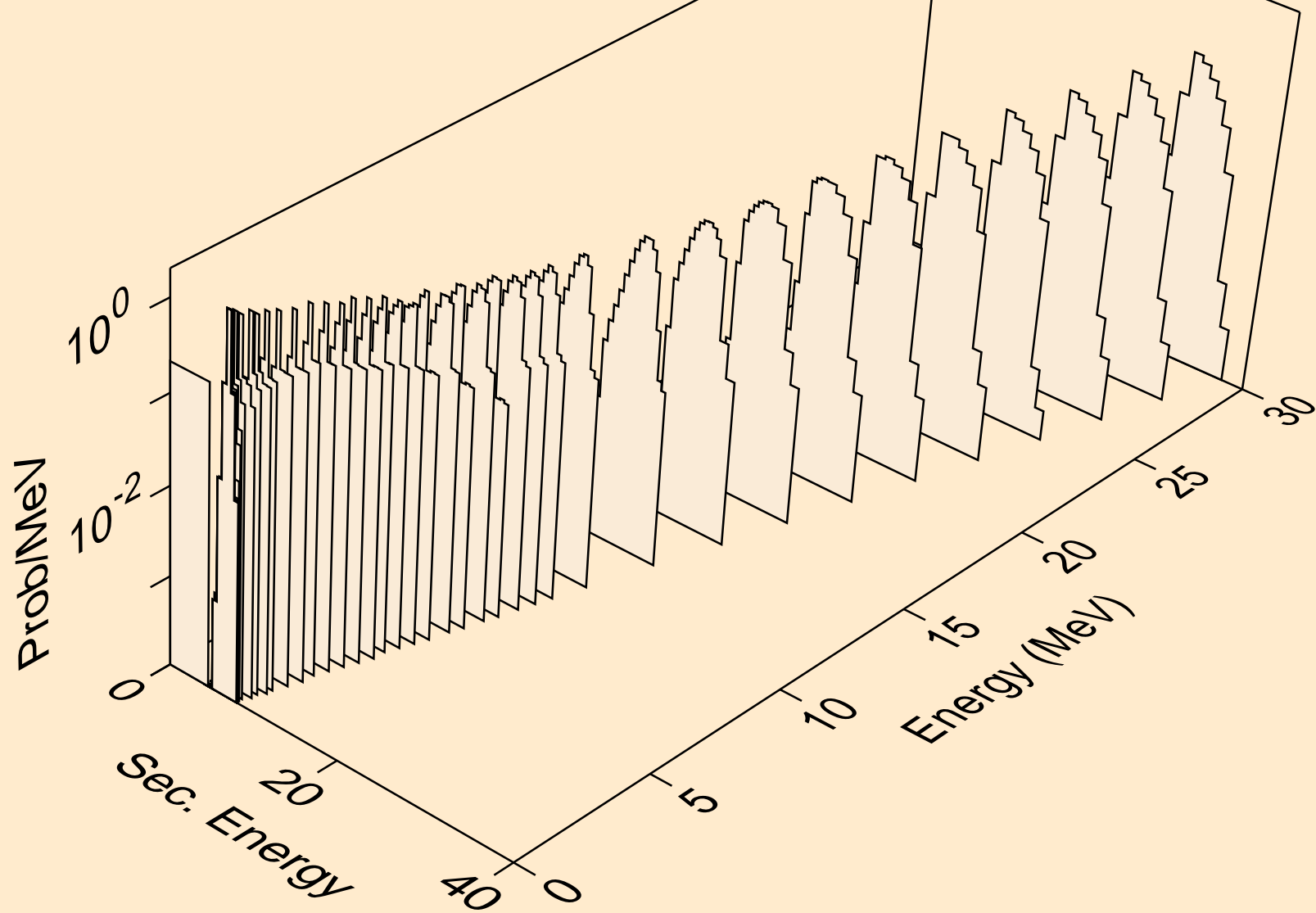




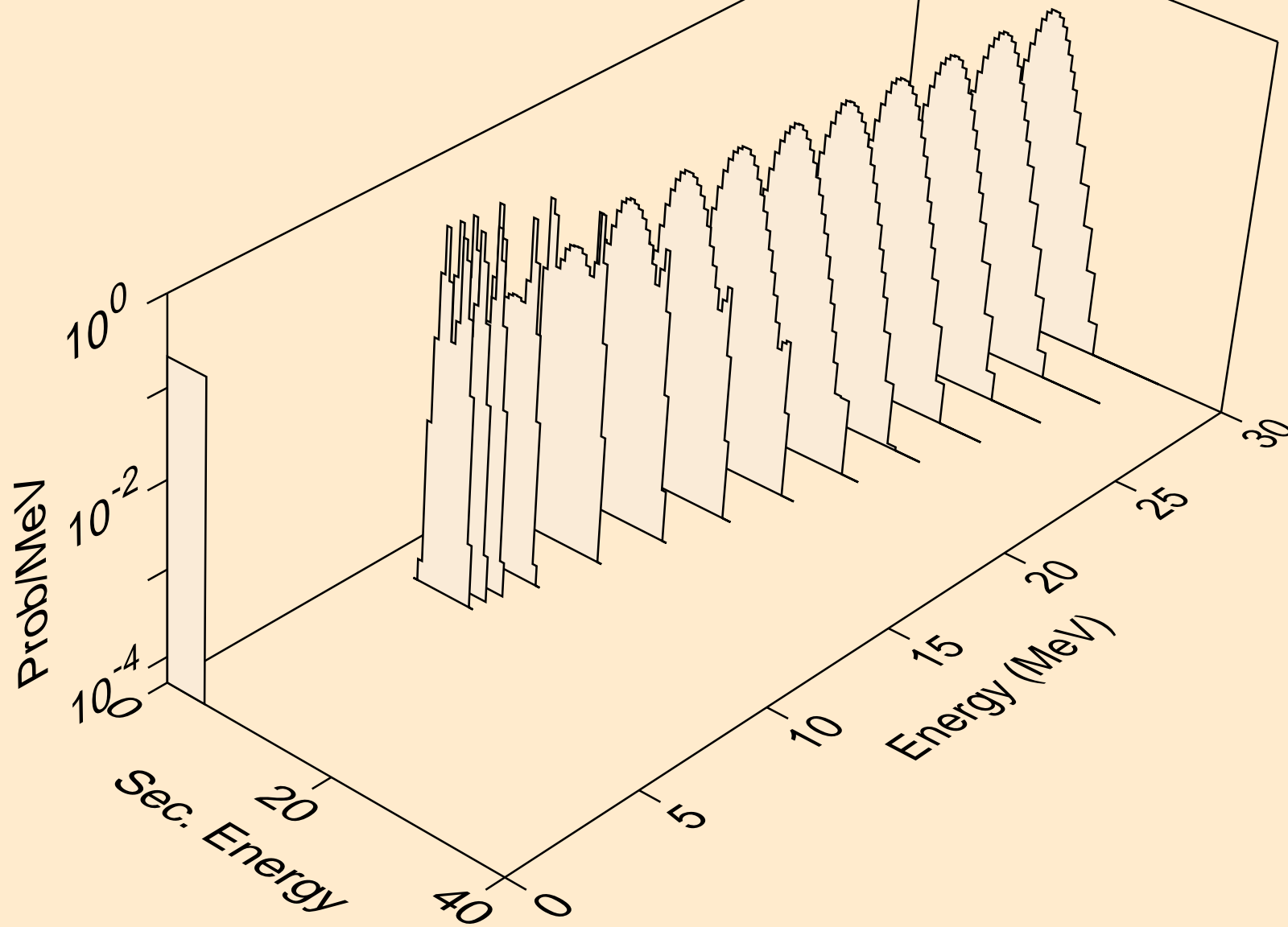
YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



YB173 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

