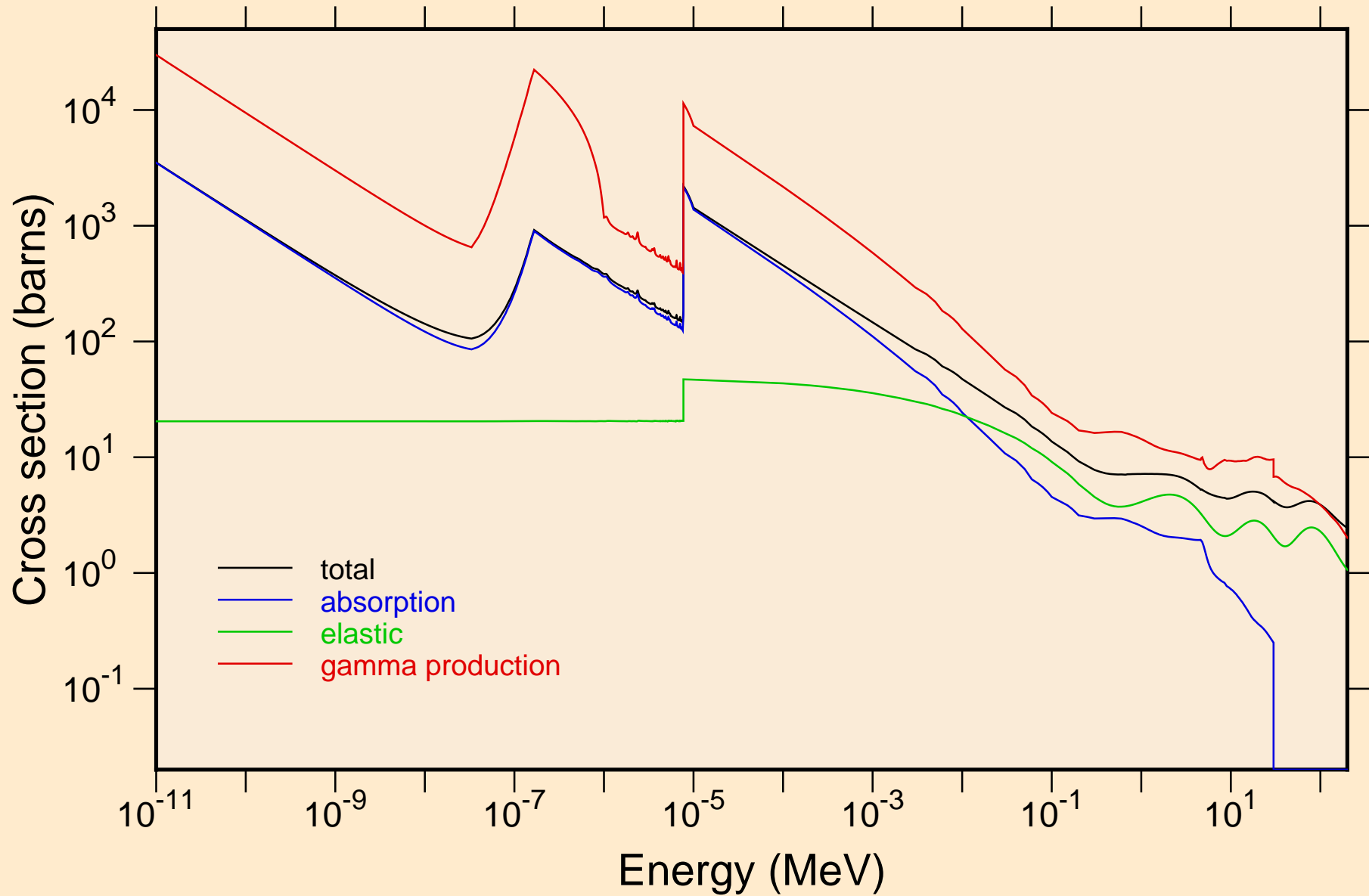
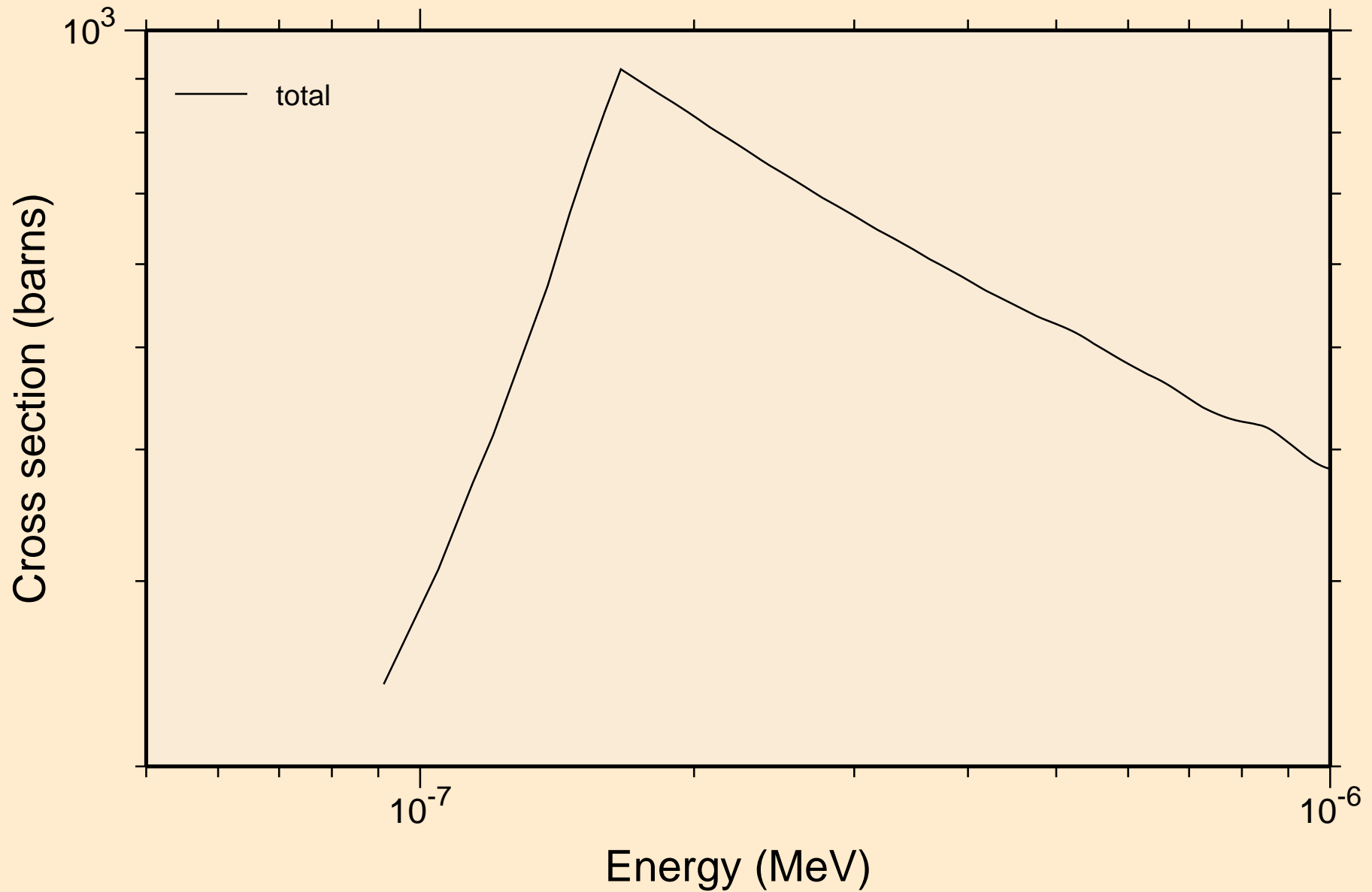


# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

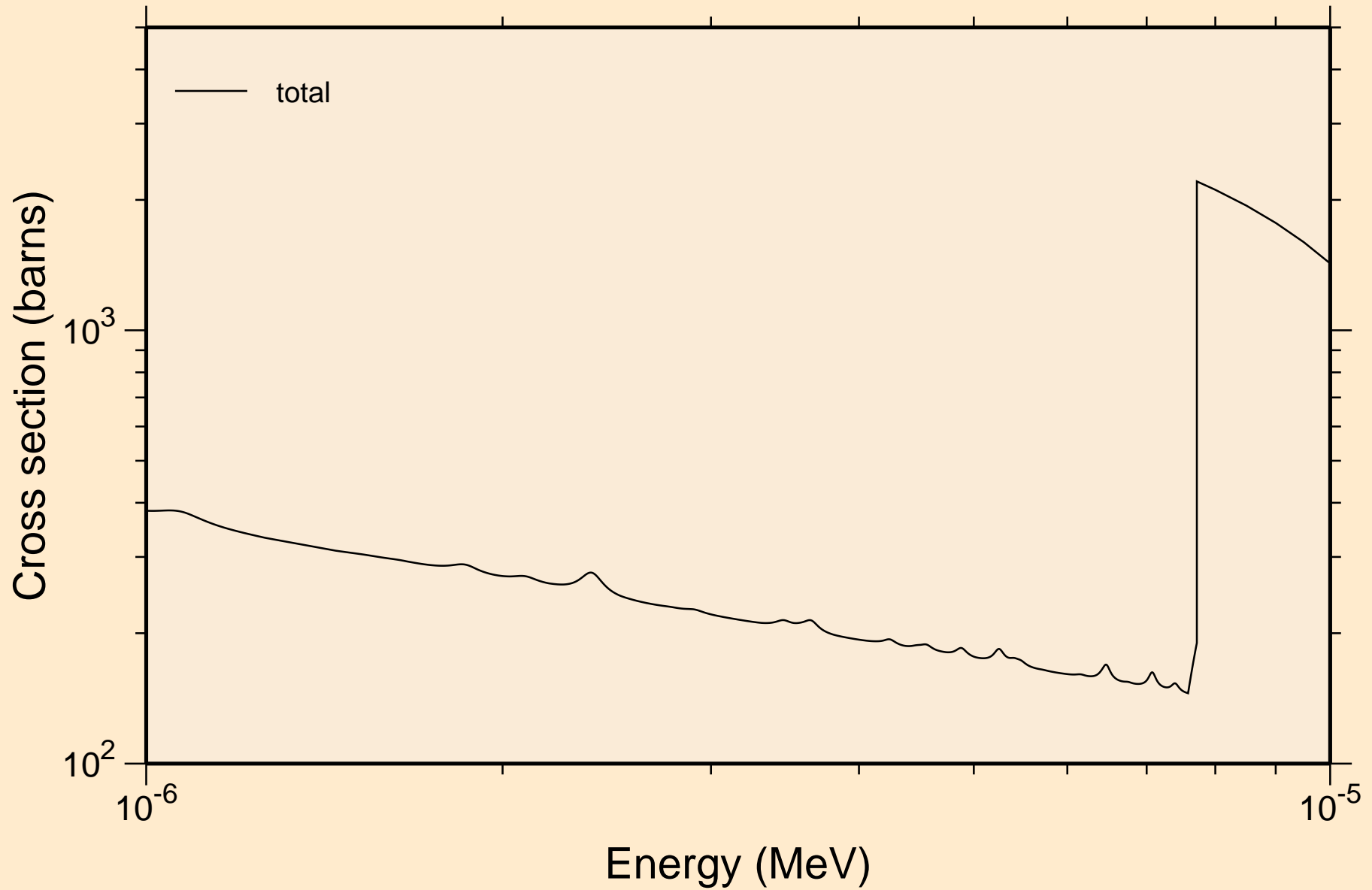
## Principal cross sections



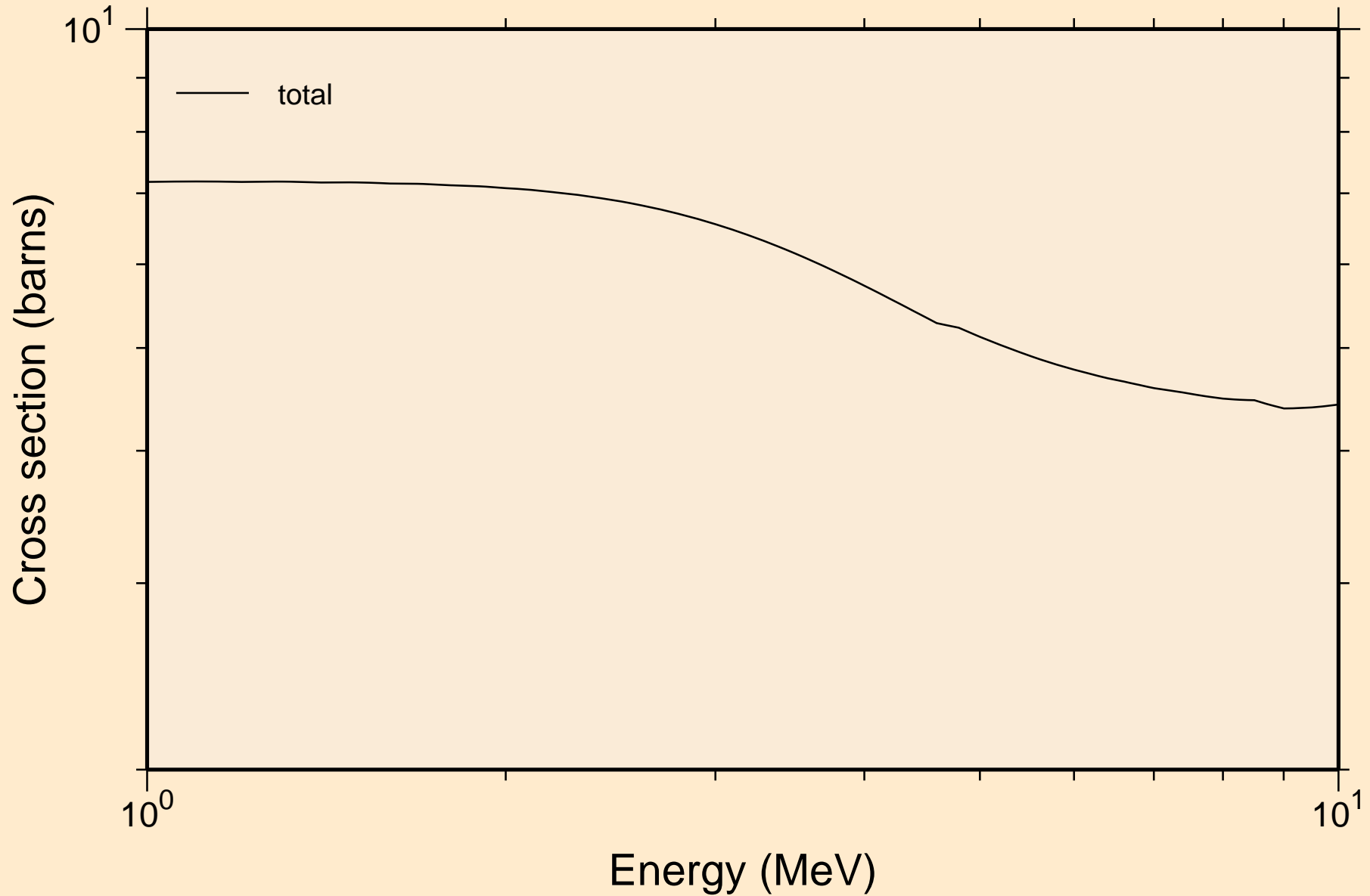
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



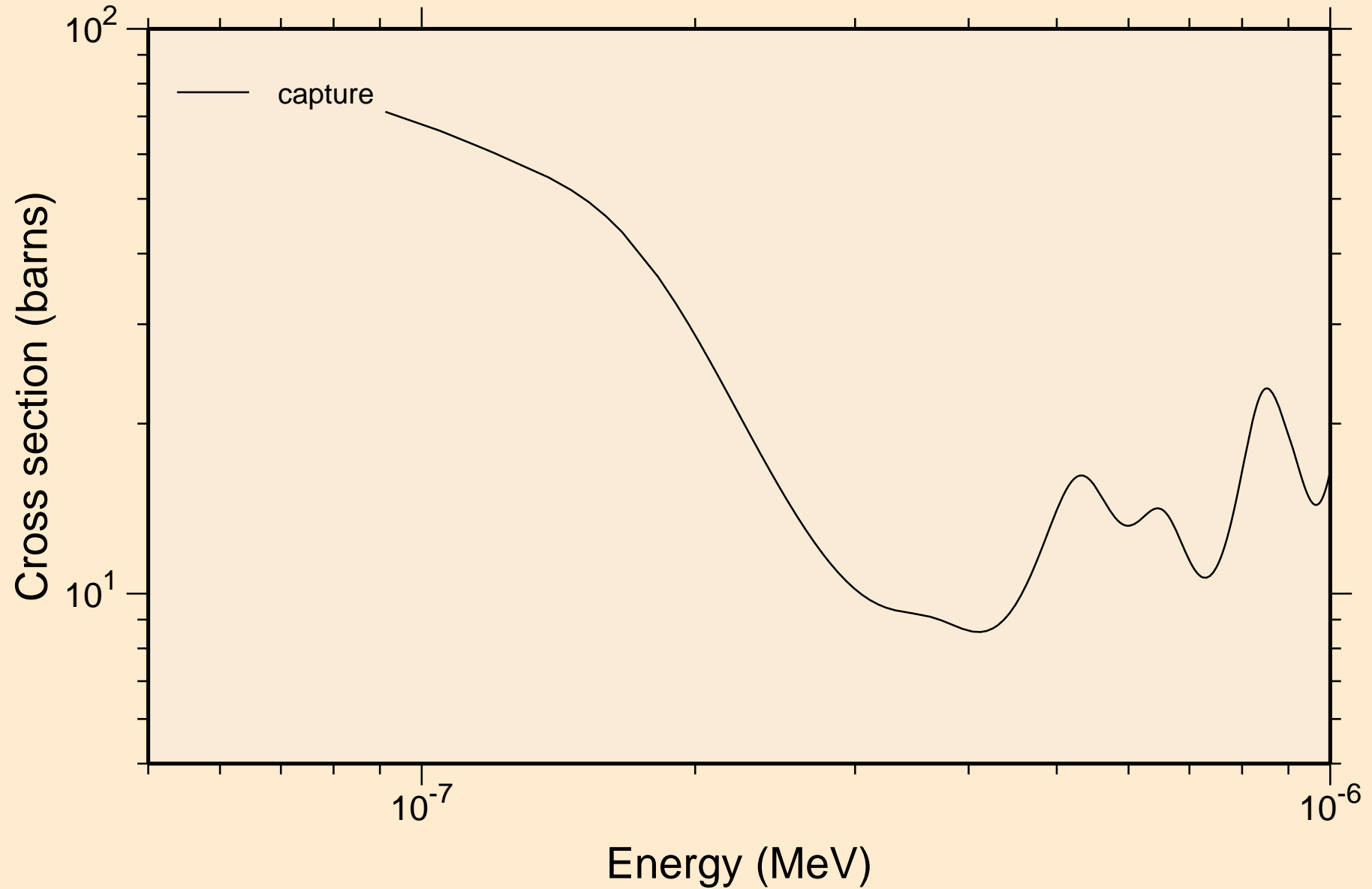
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



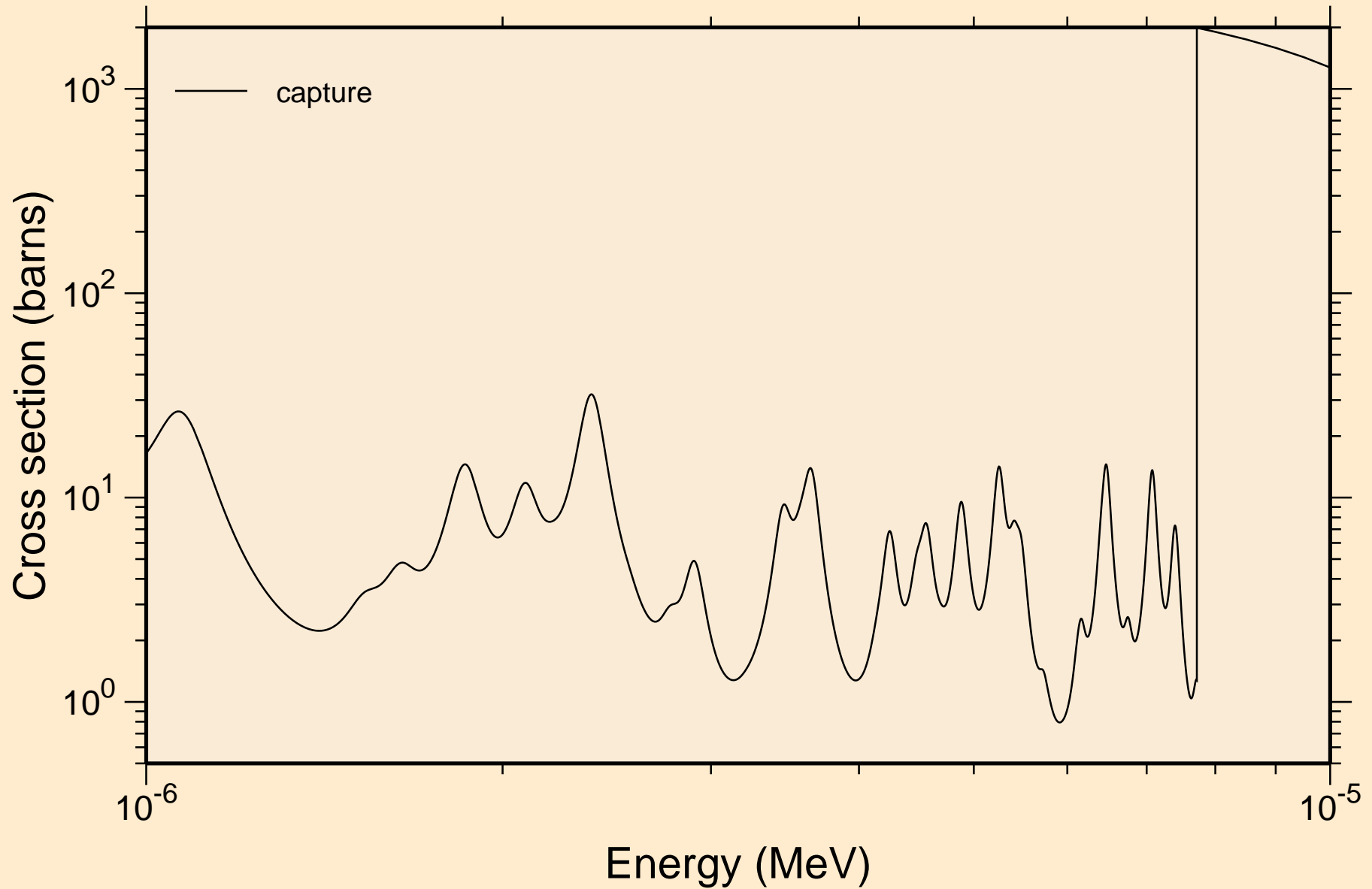
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



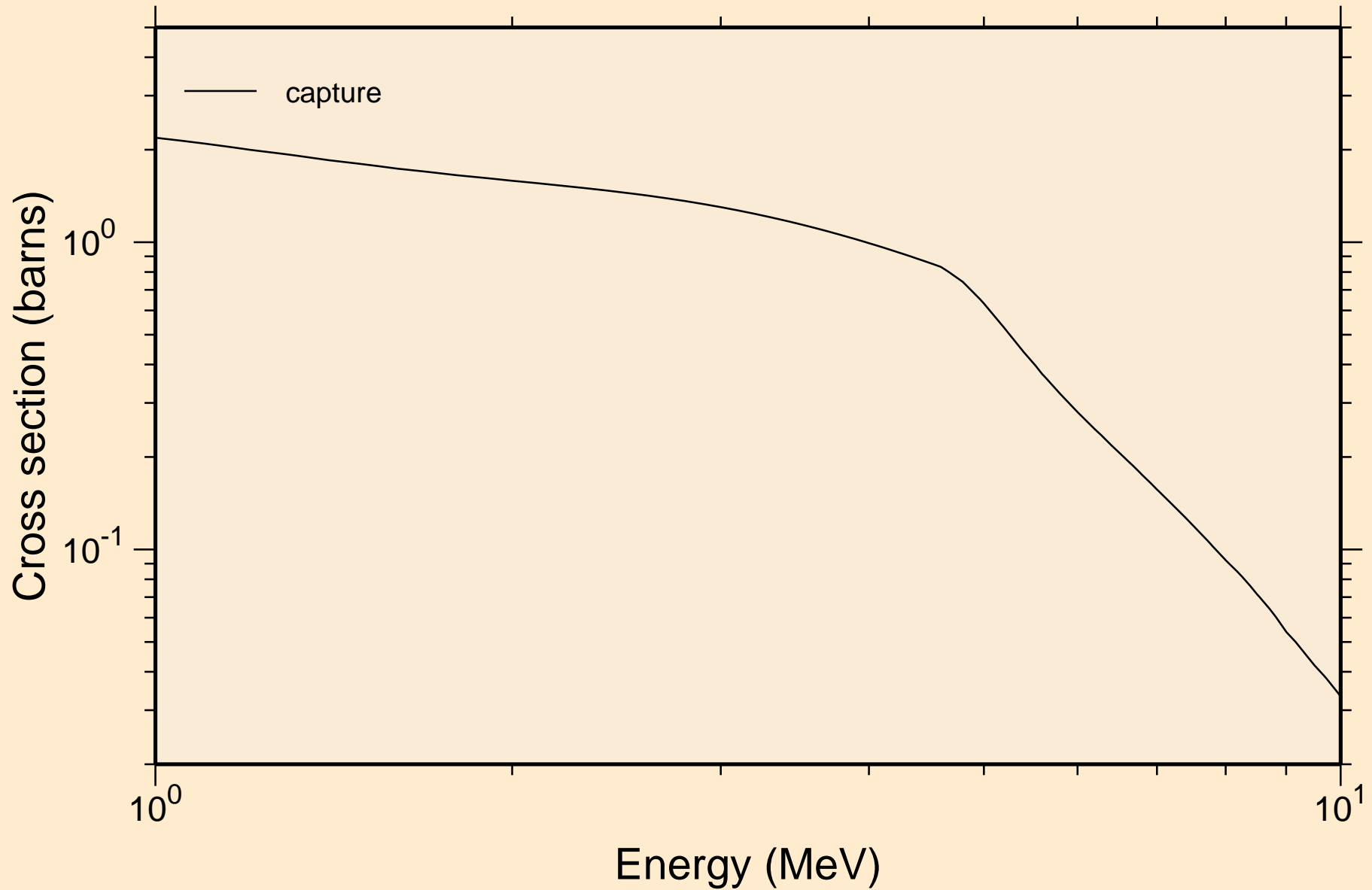
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

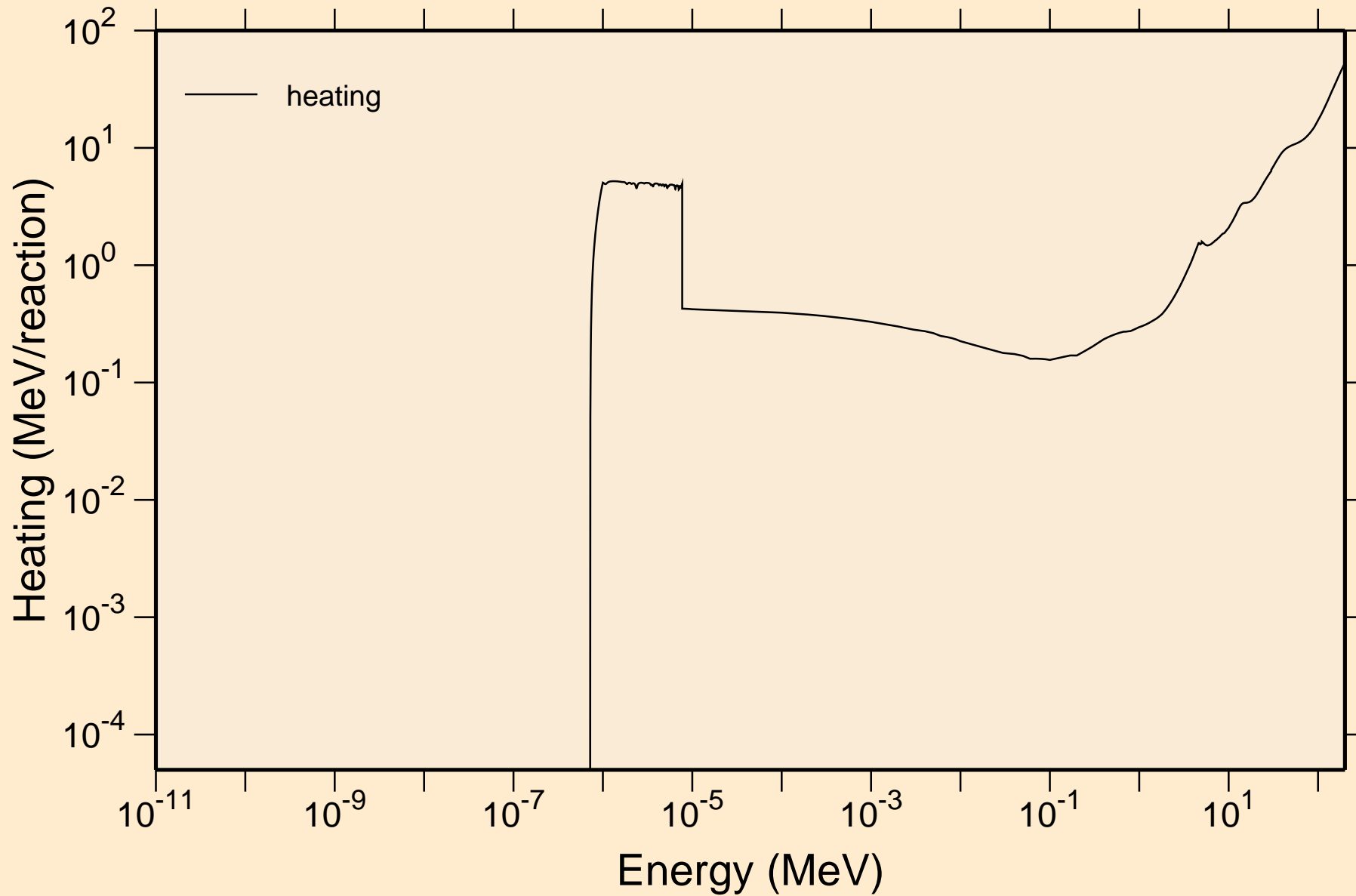


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

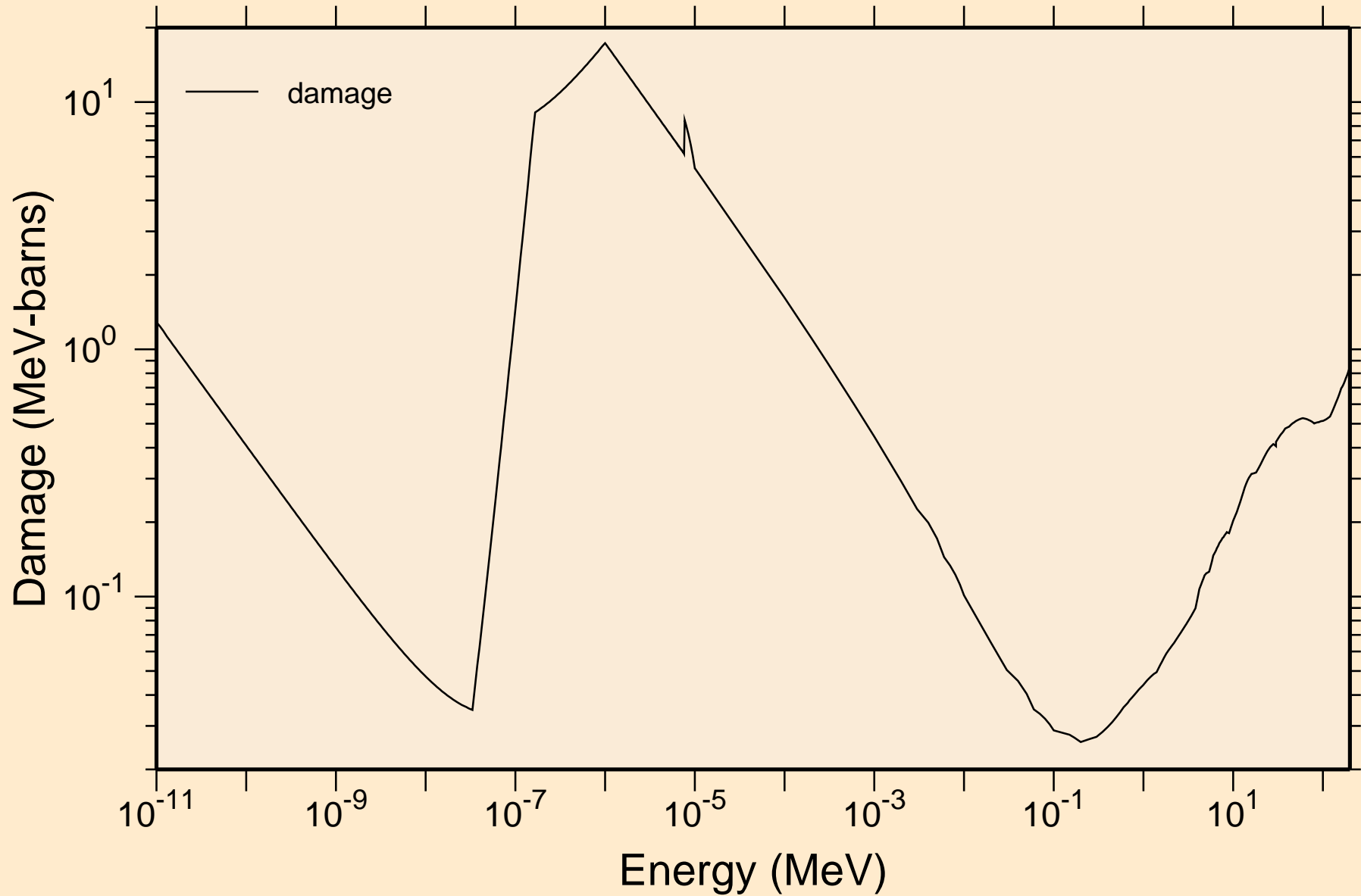
## Heating





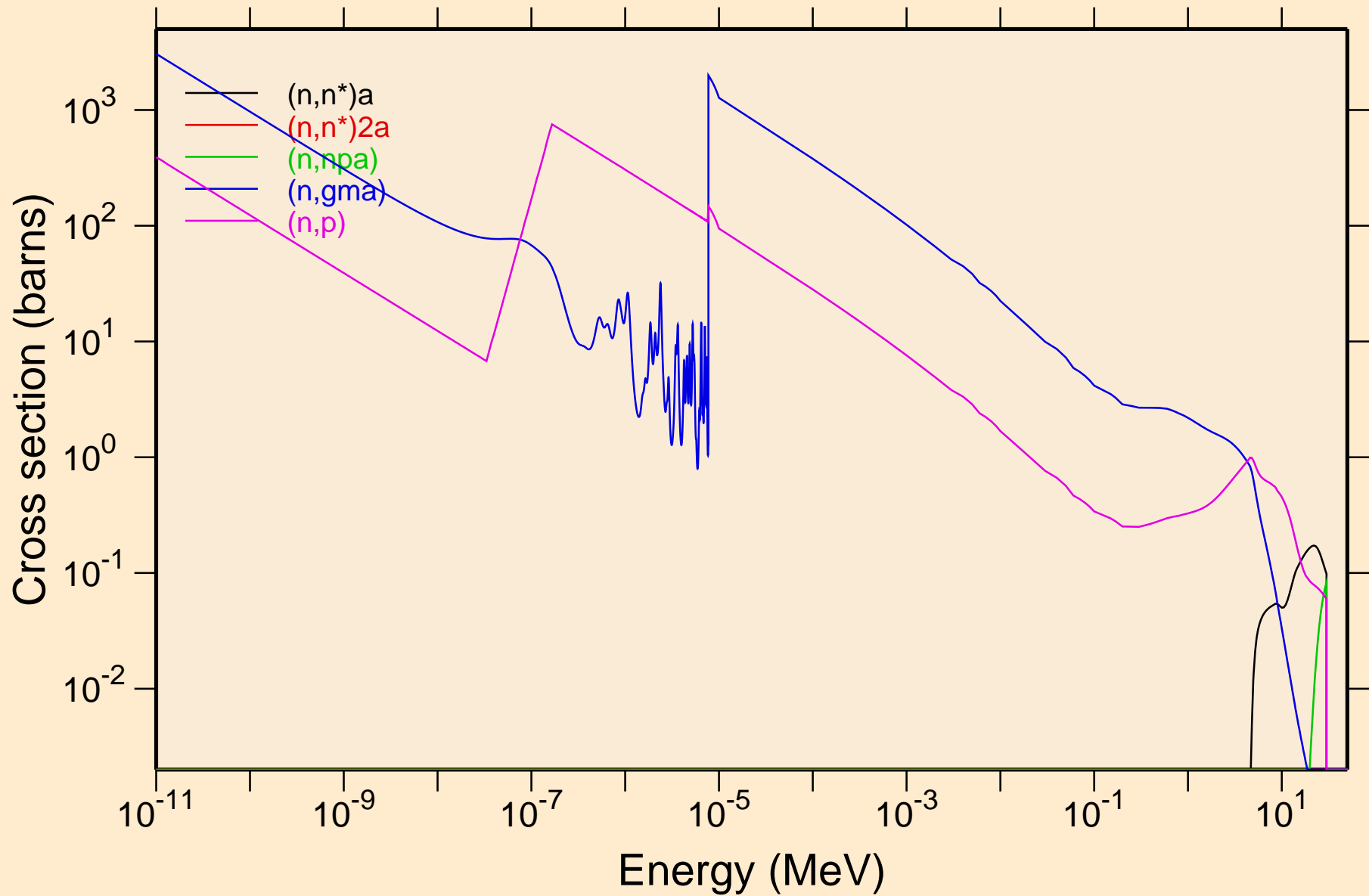
# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

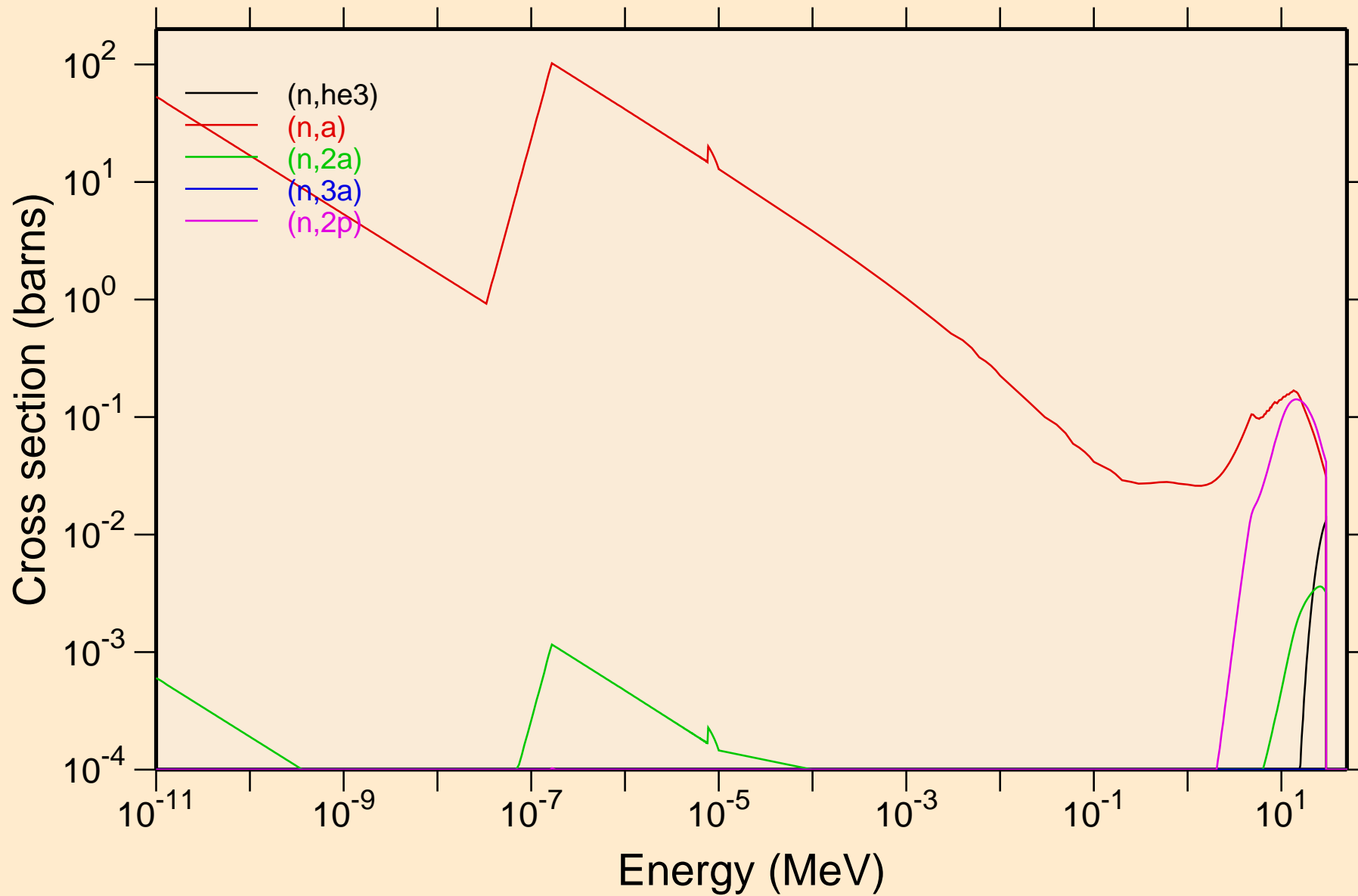


# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

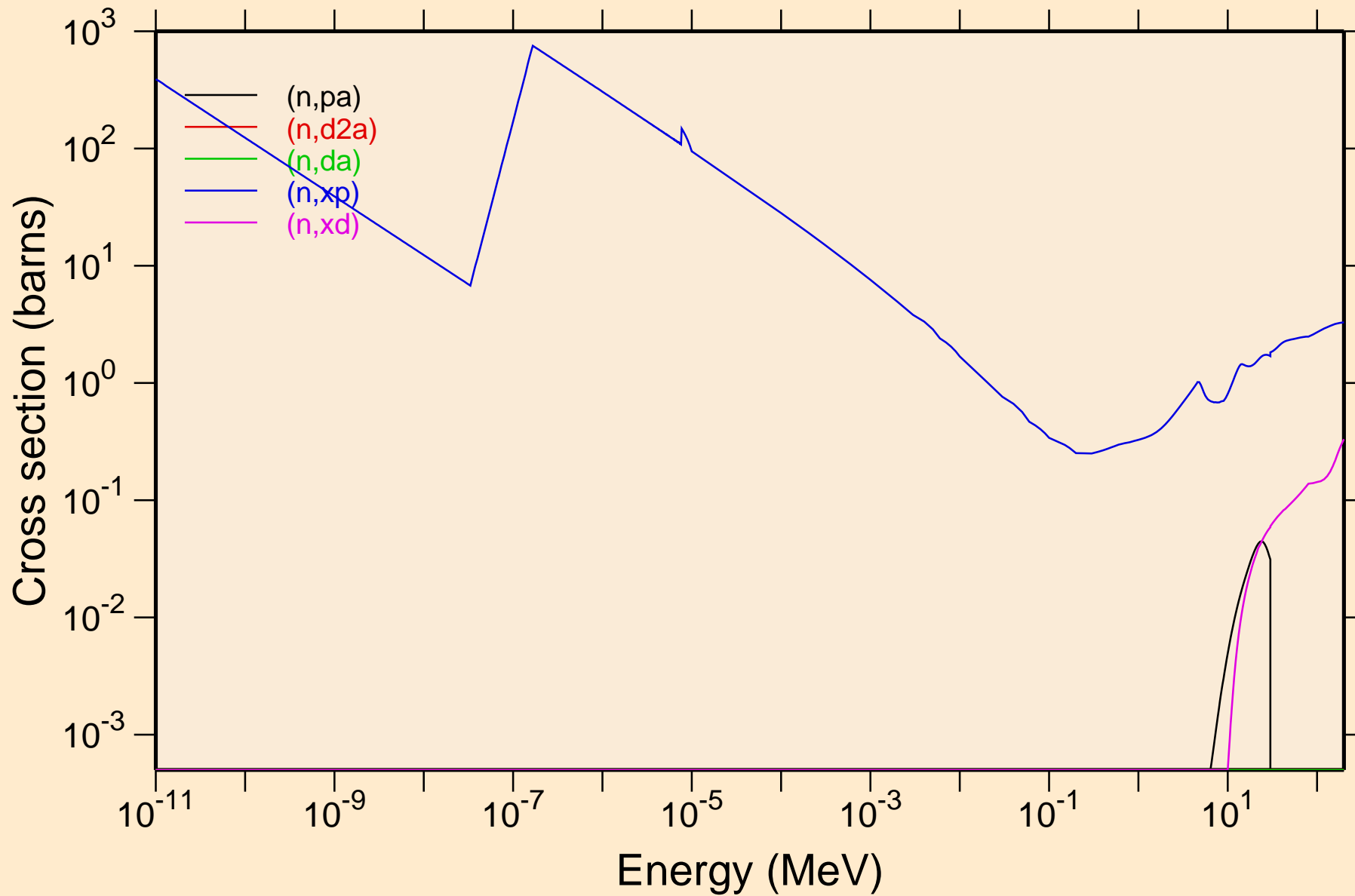
## Non-threshold reactions



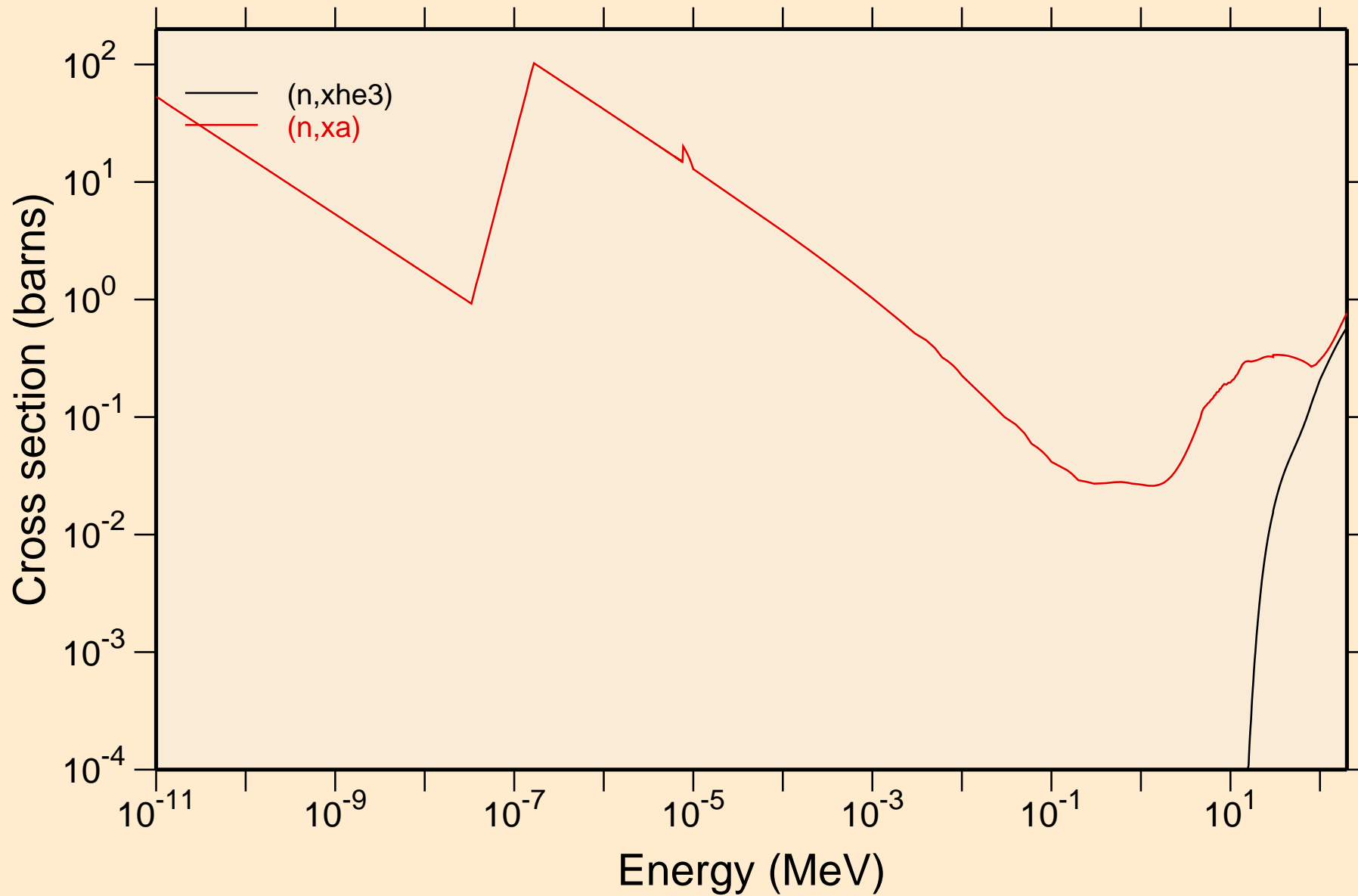
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

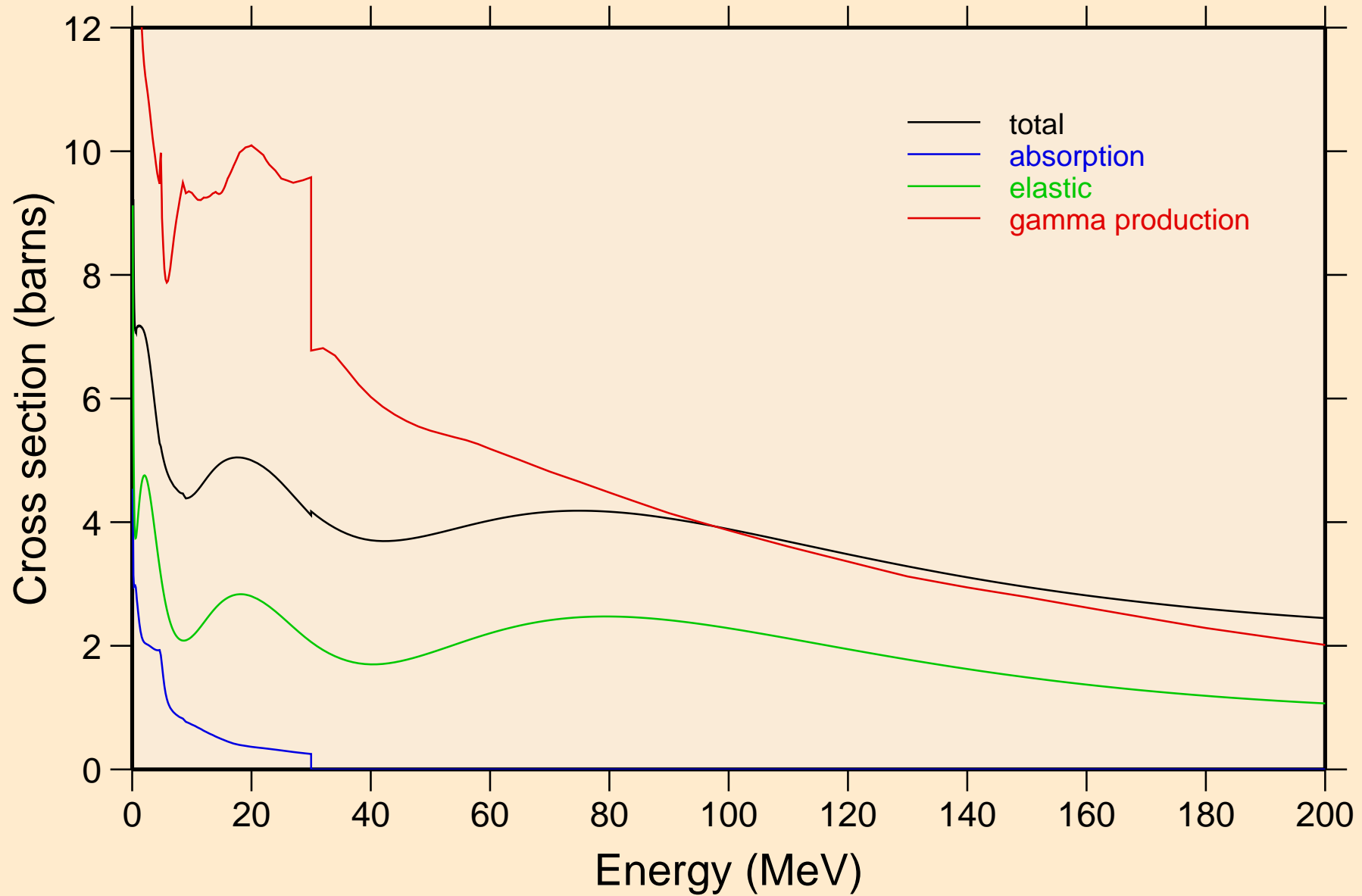


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



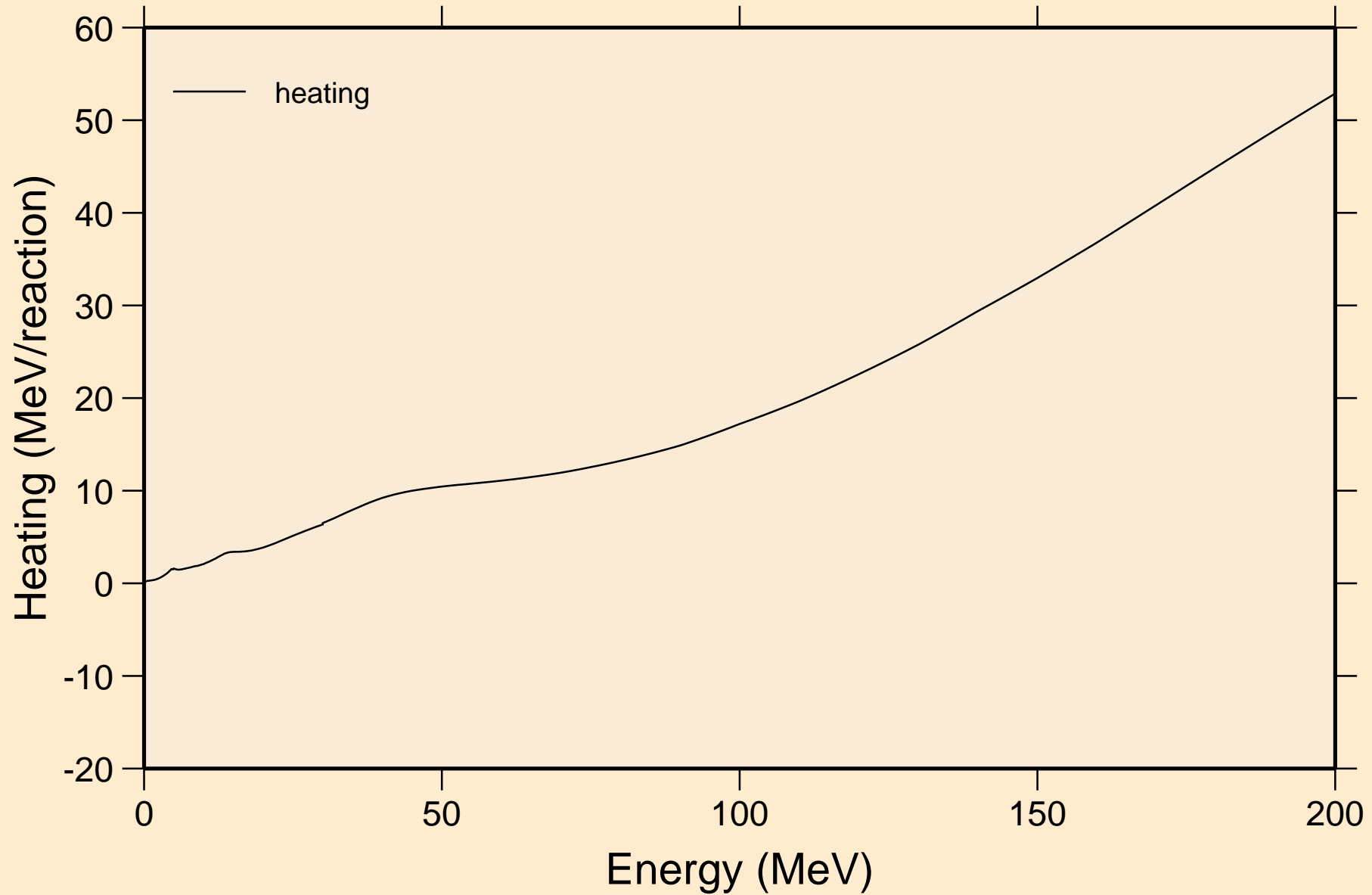
# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

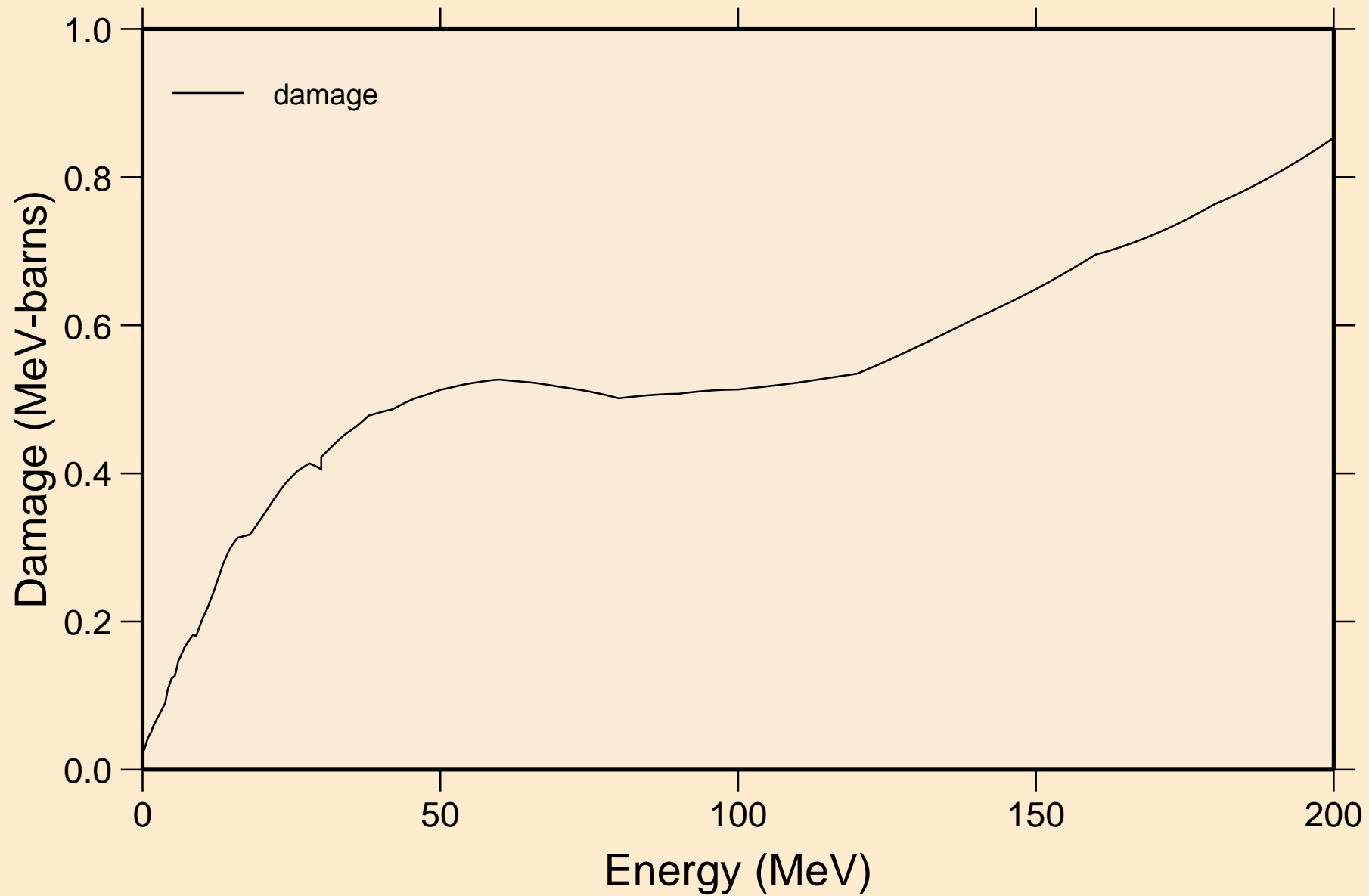


# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



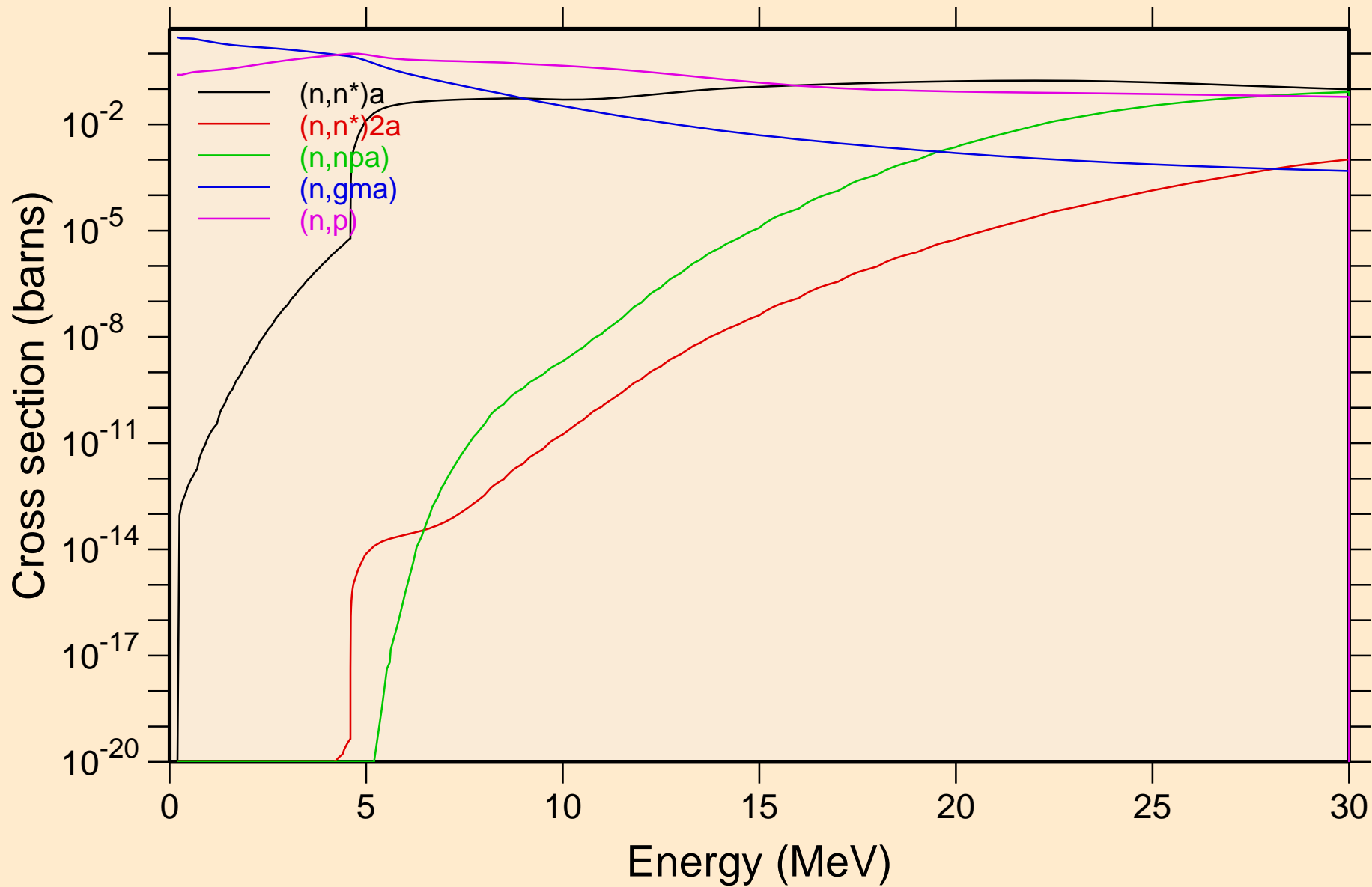
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



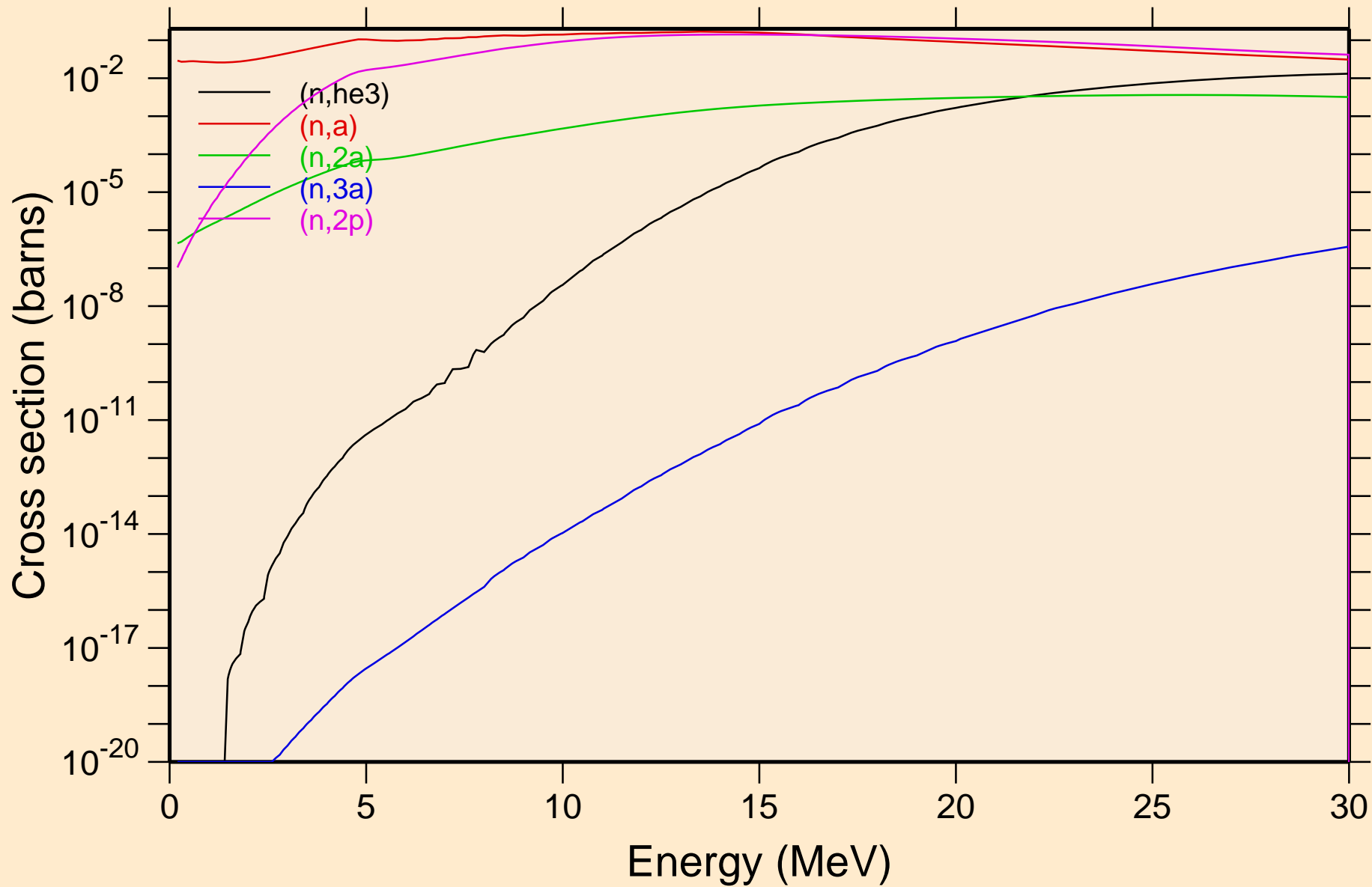


# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

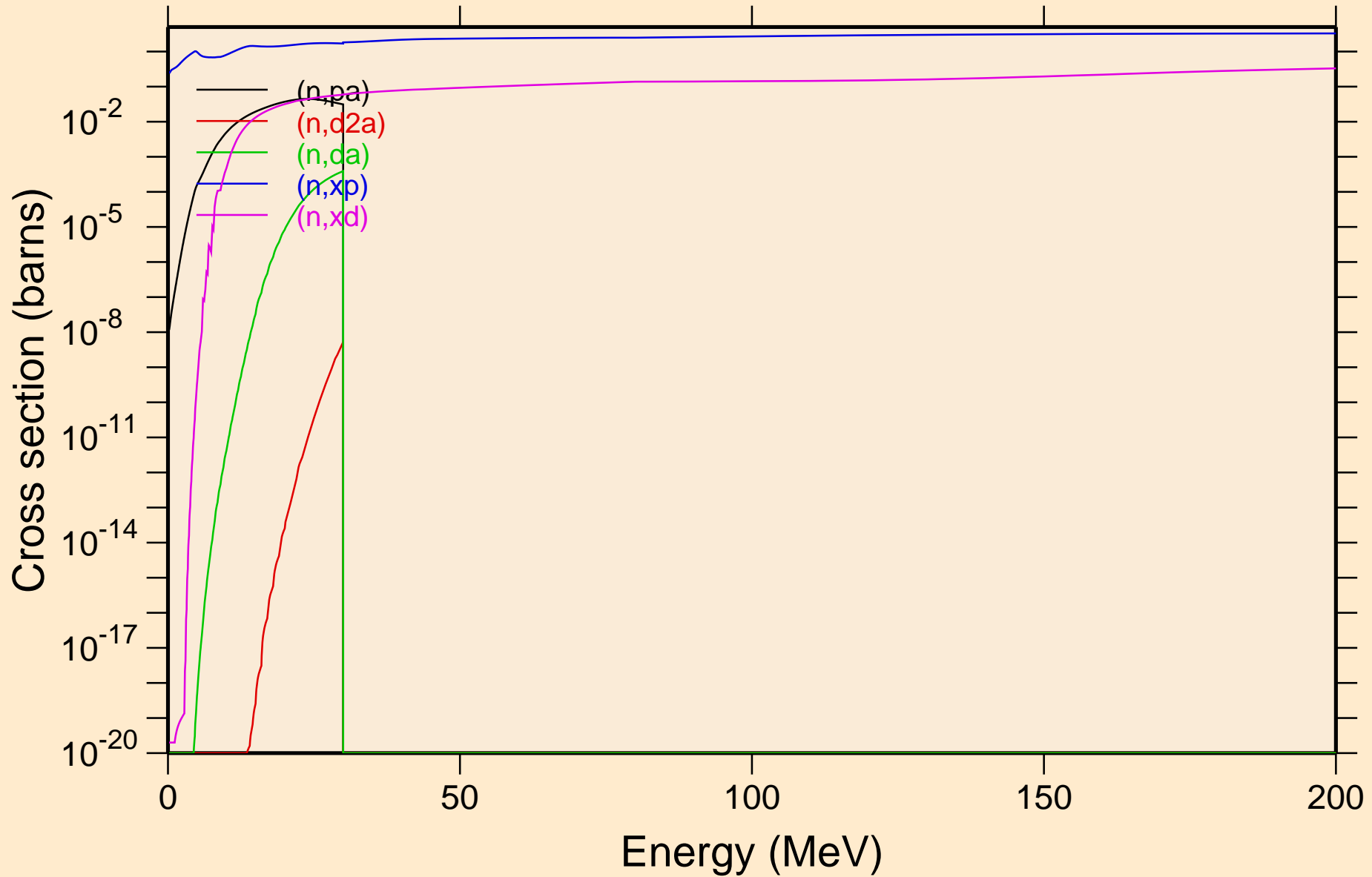


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

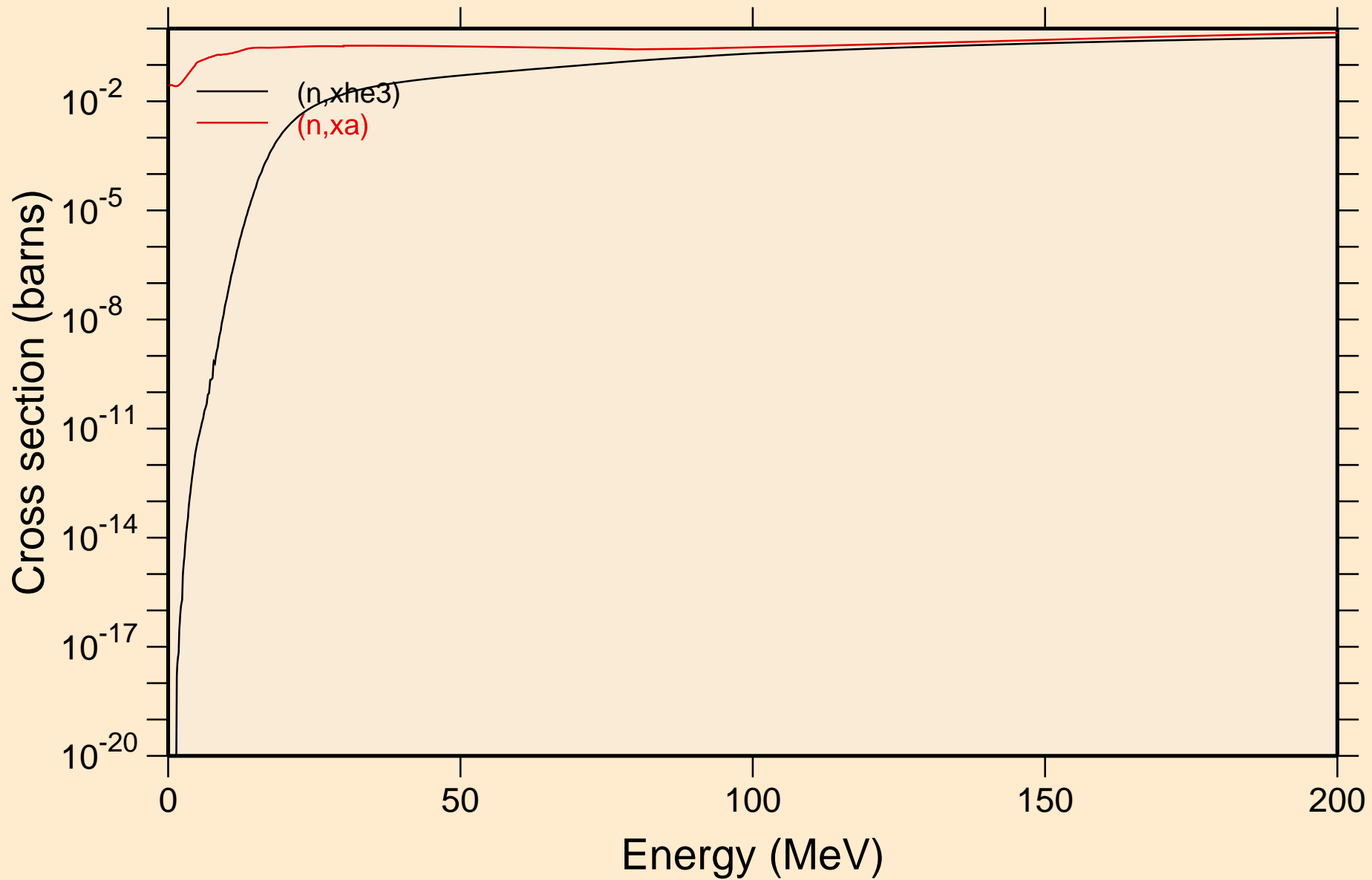


# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

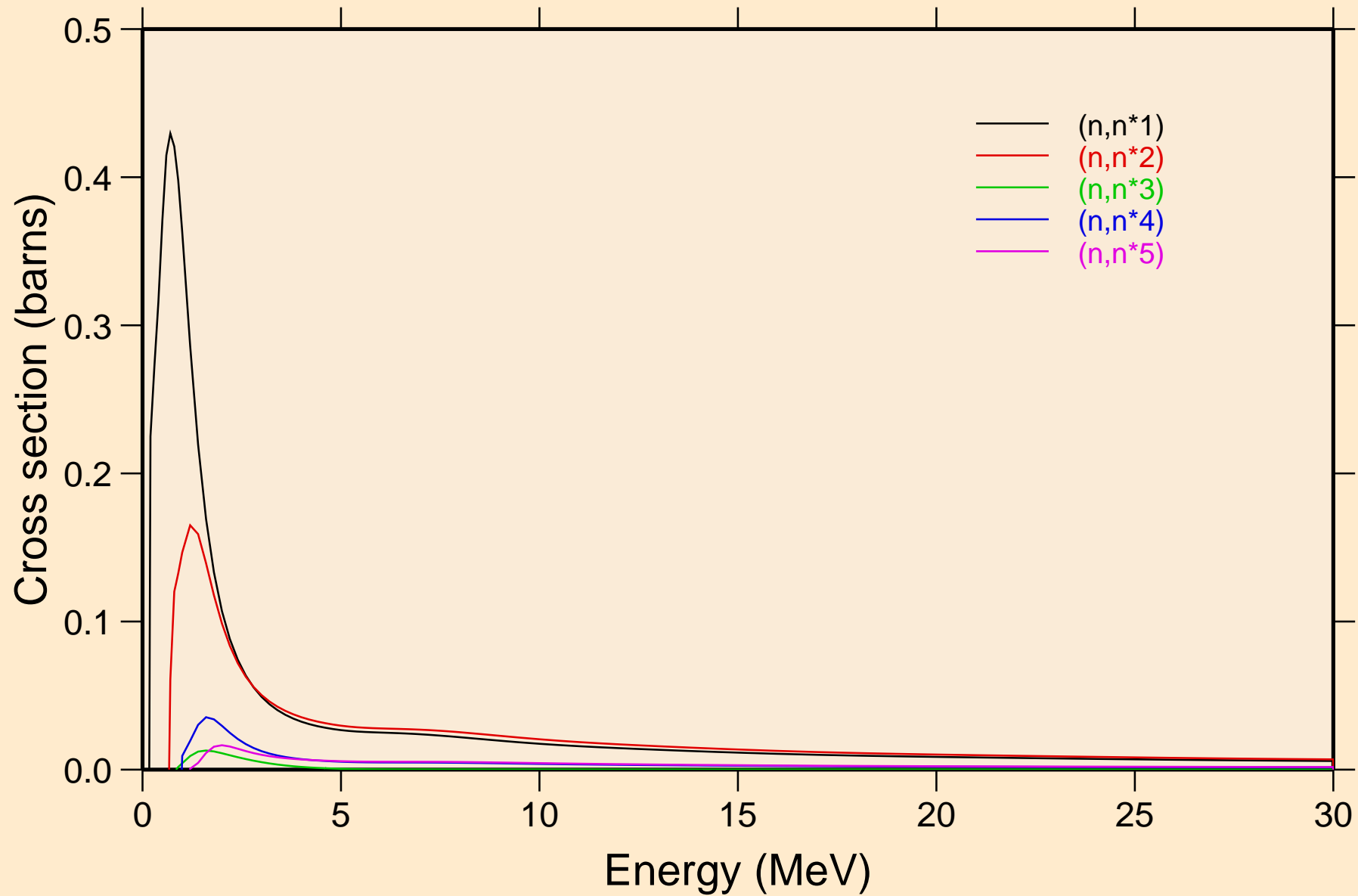
## Non-threshold reactions



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

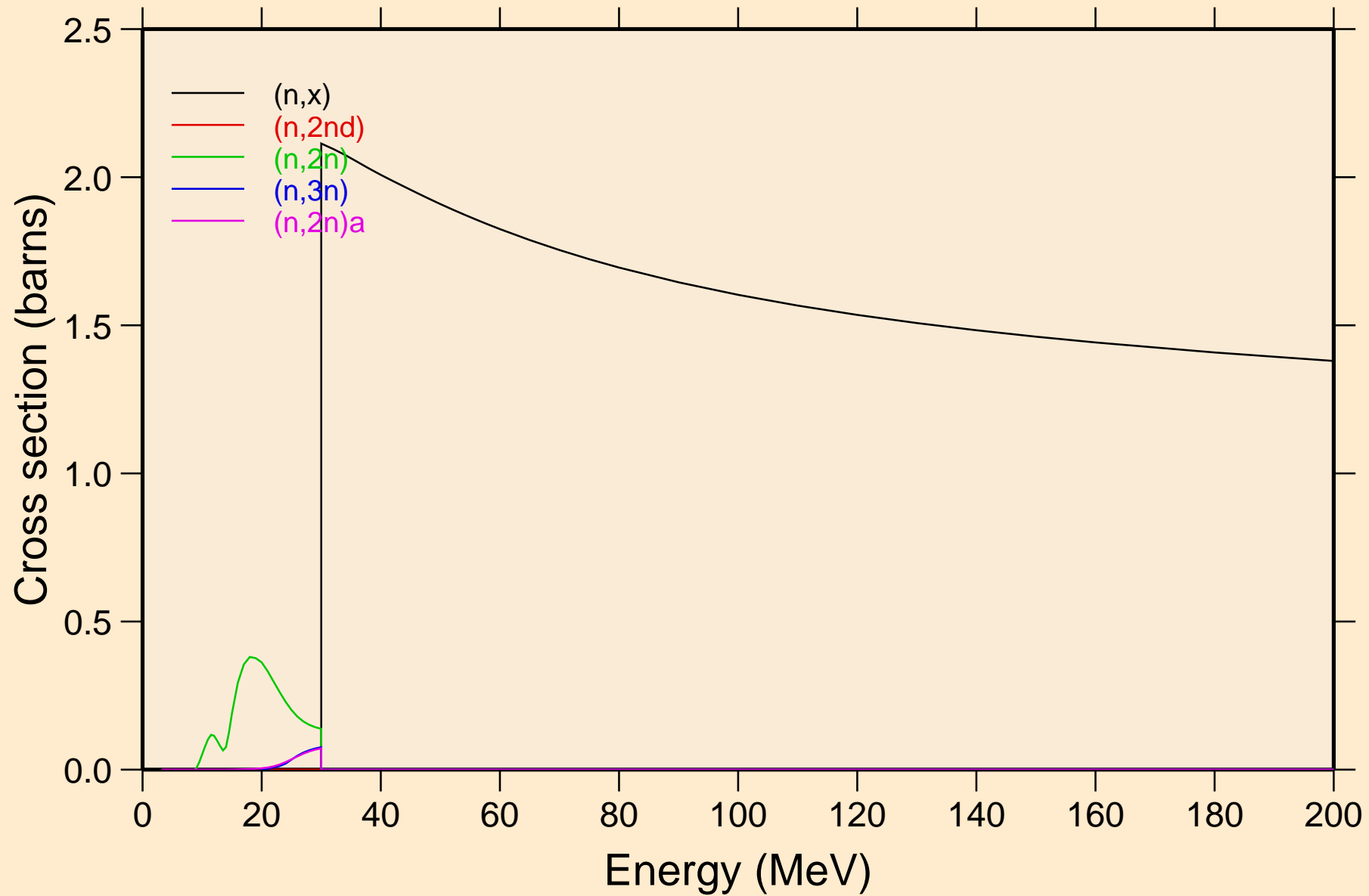


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

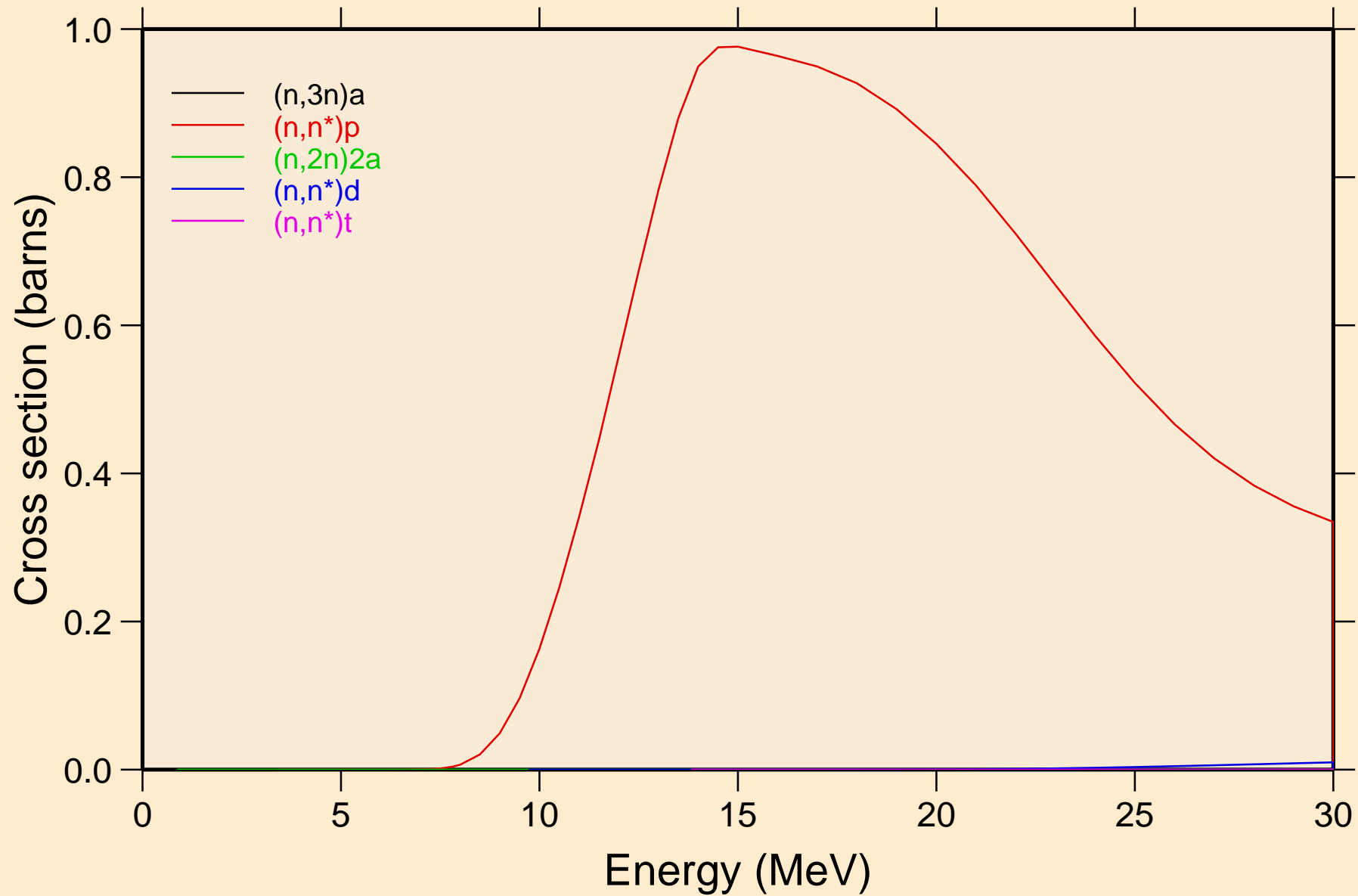


# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

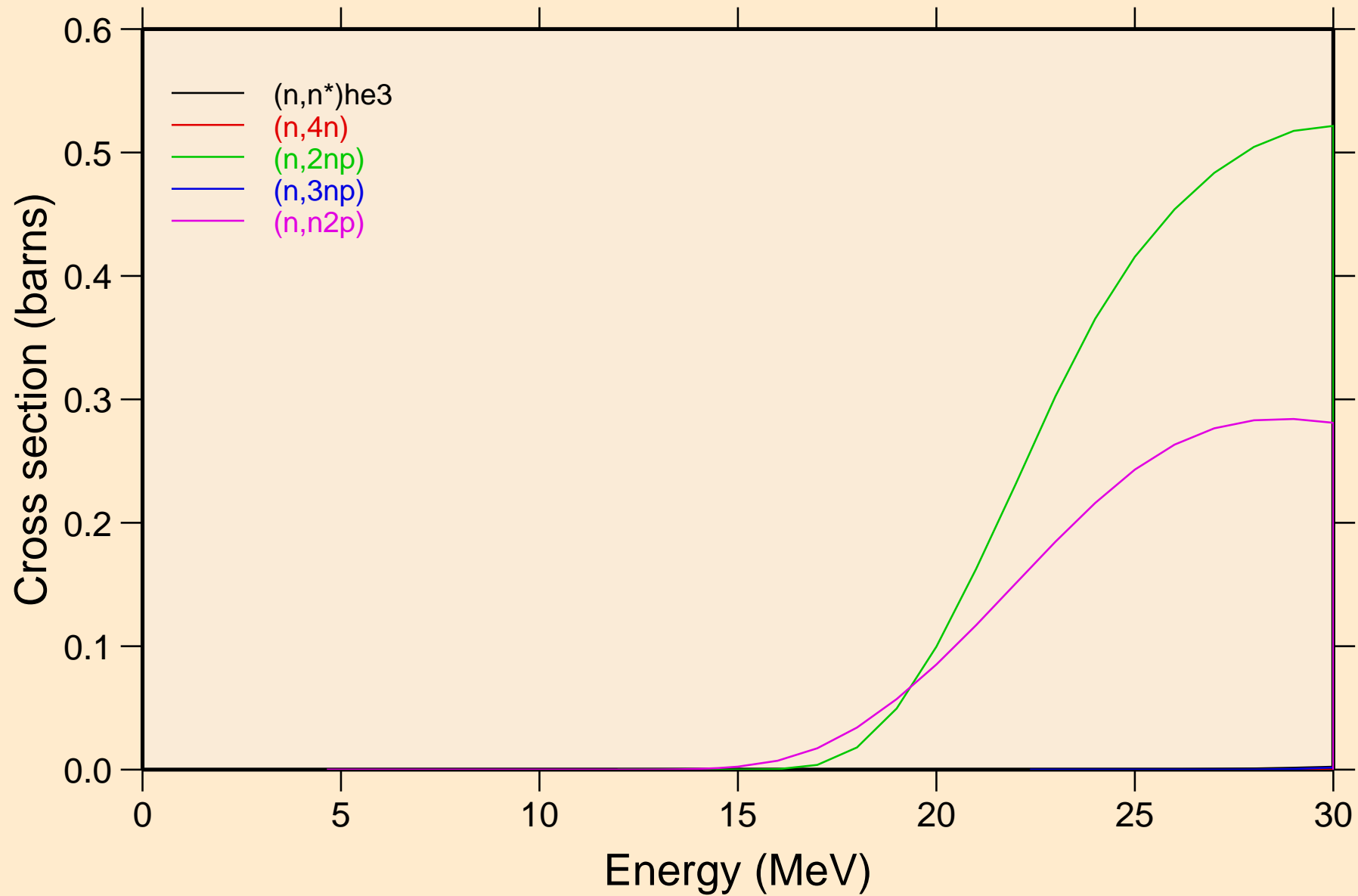
## Threshold reactions



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

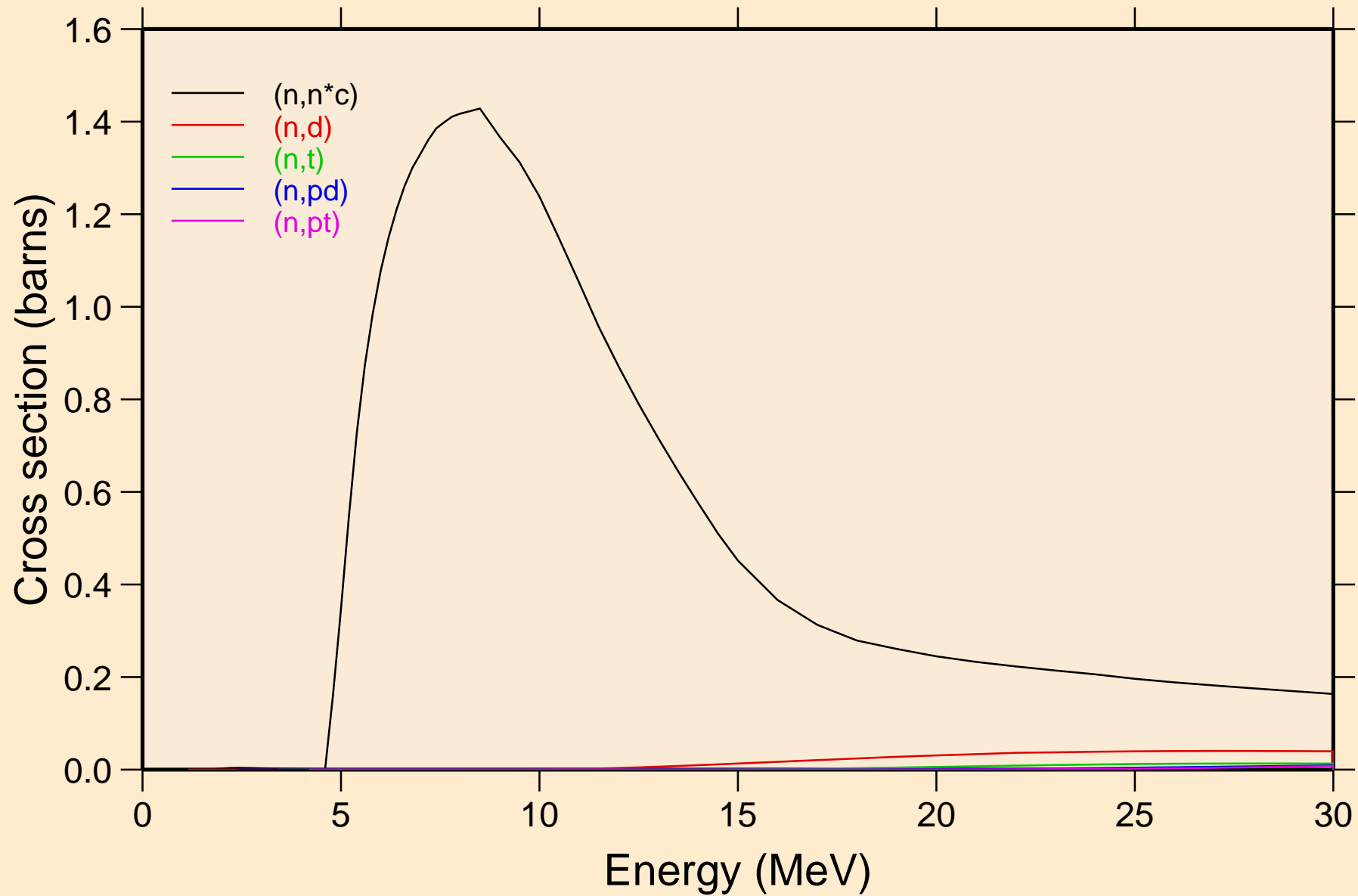


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

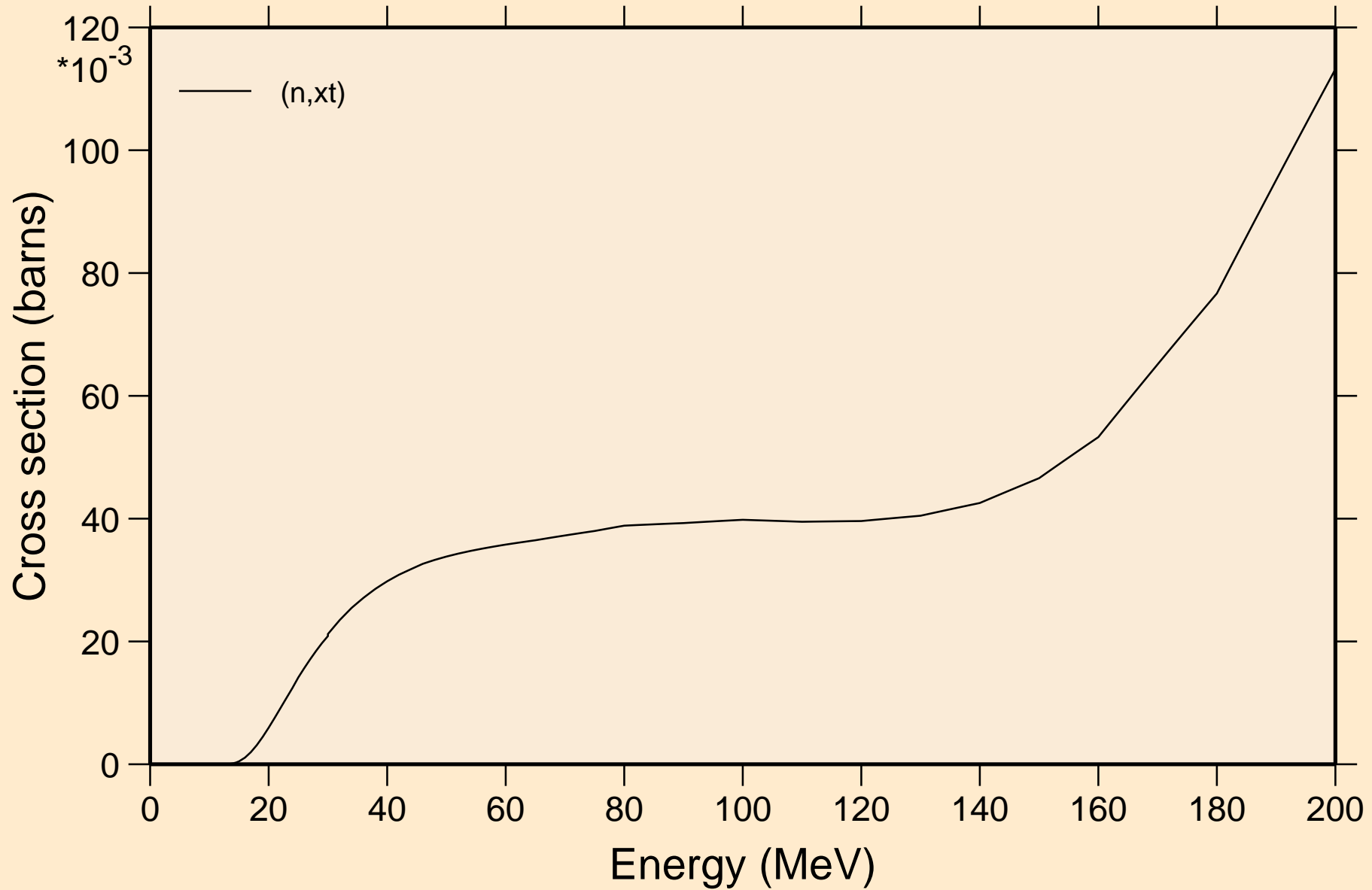




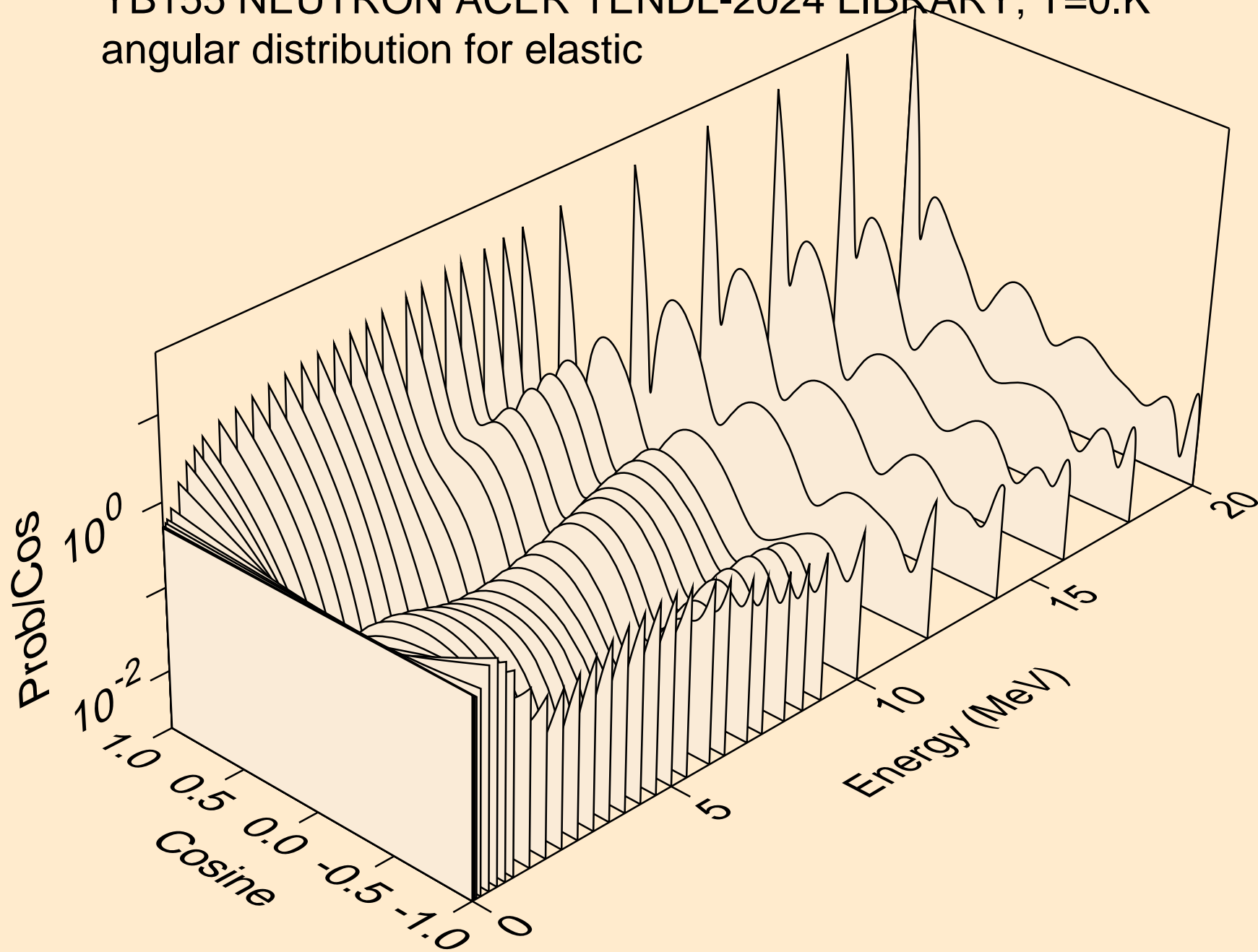
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



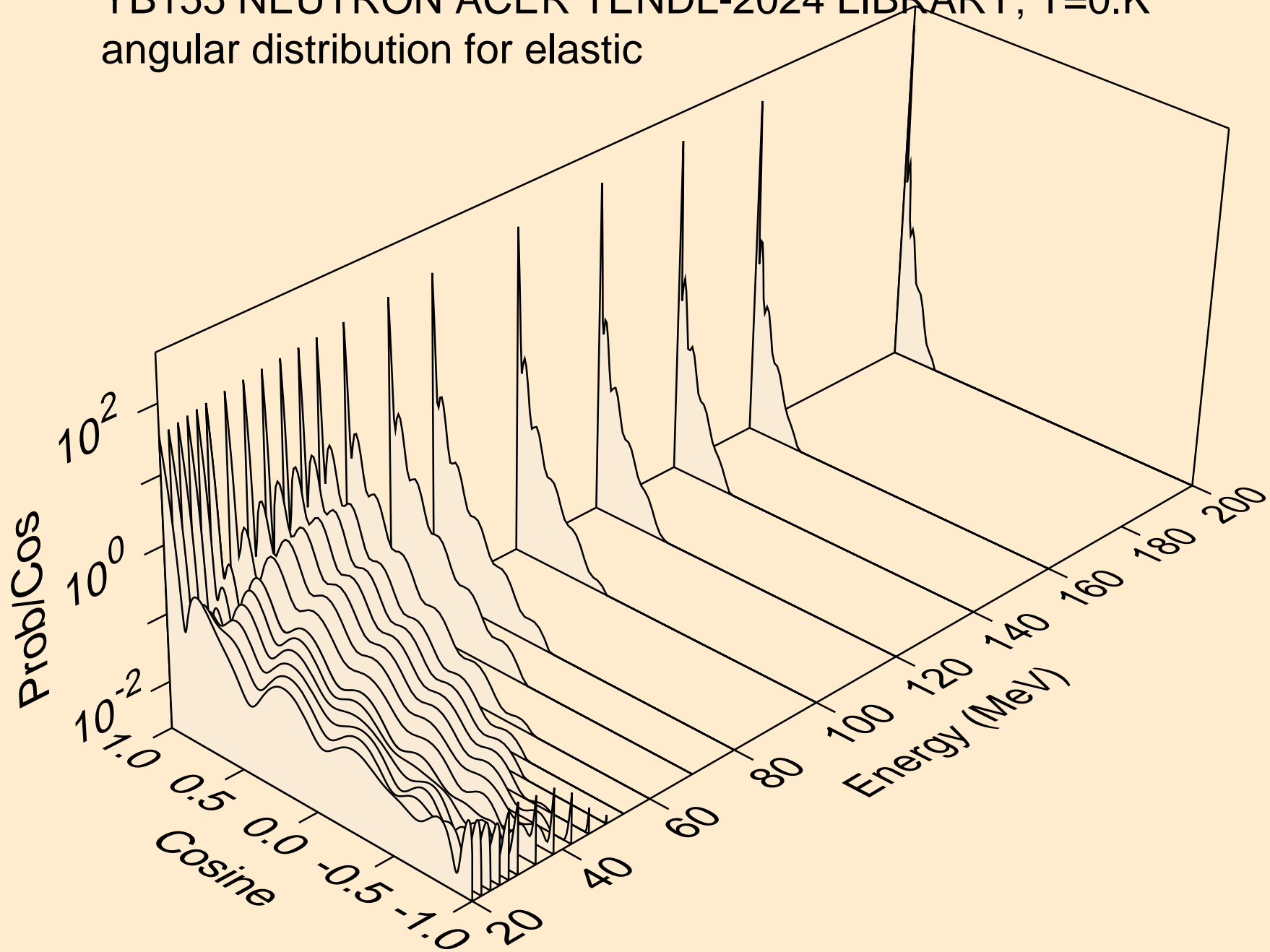
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



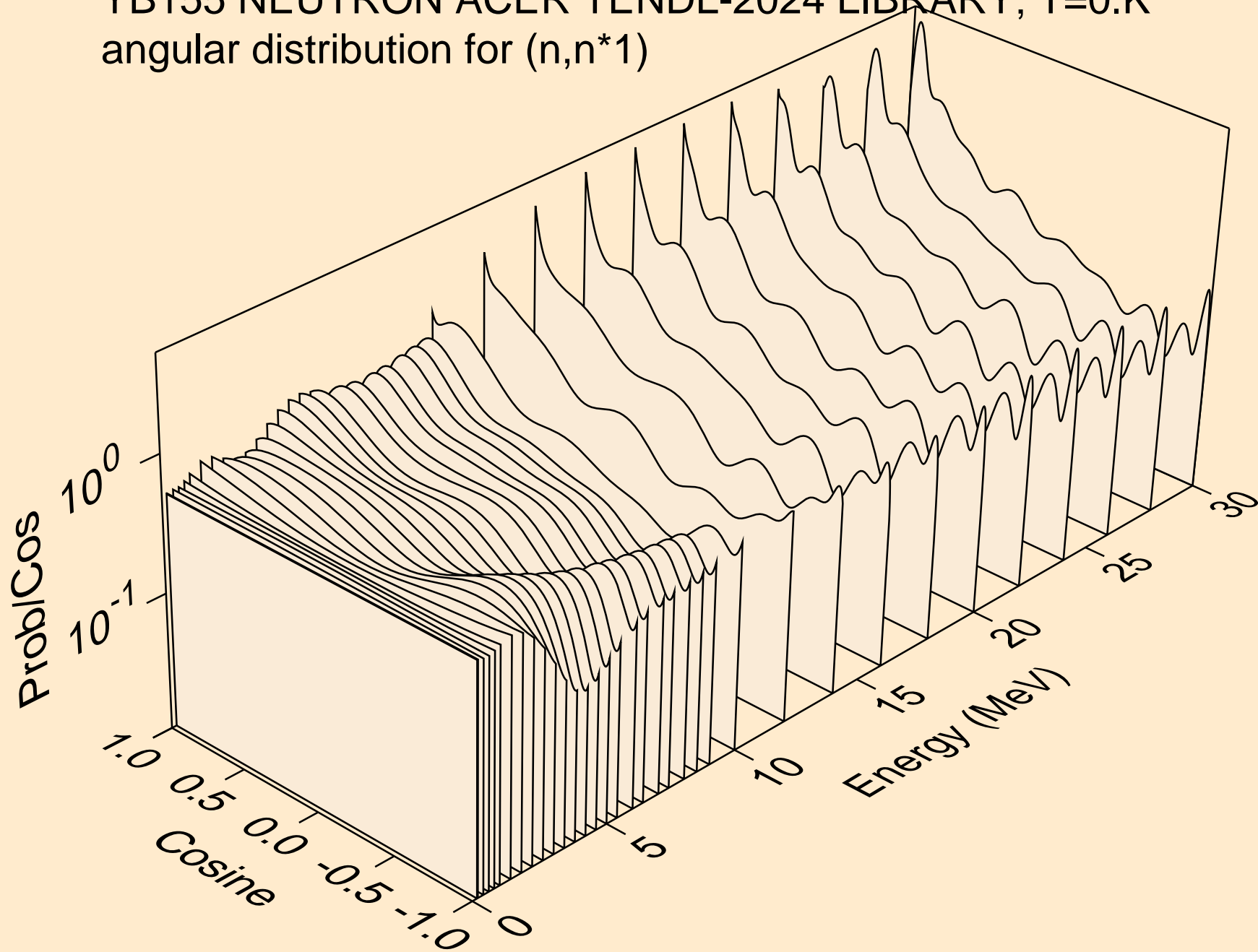
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



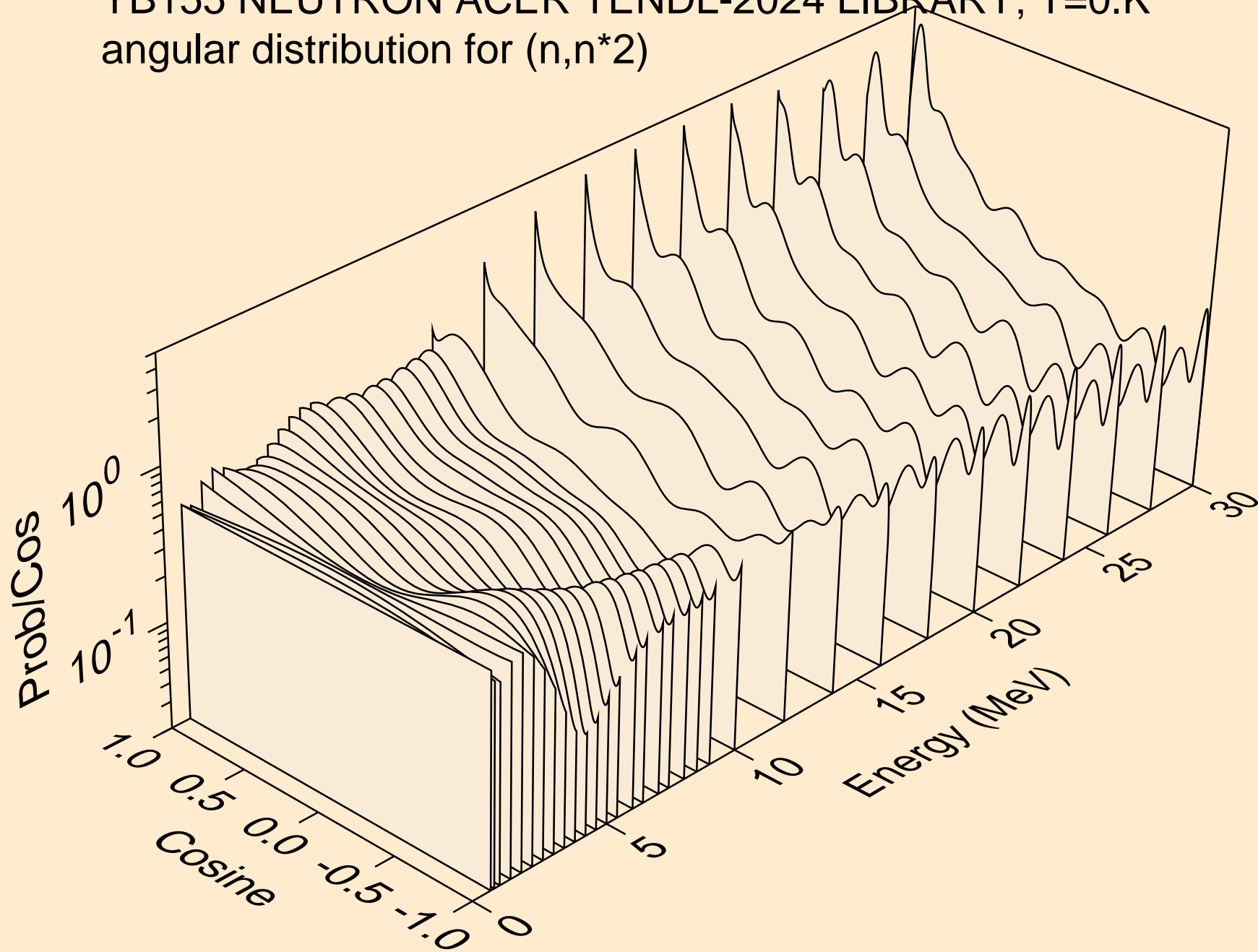
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



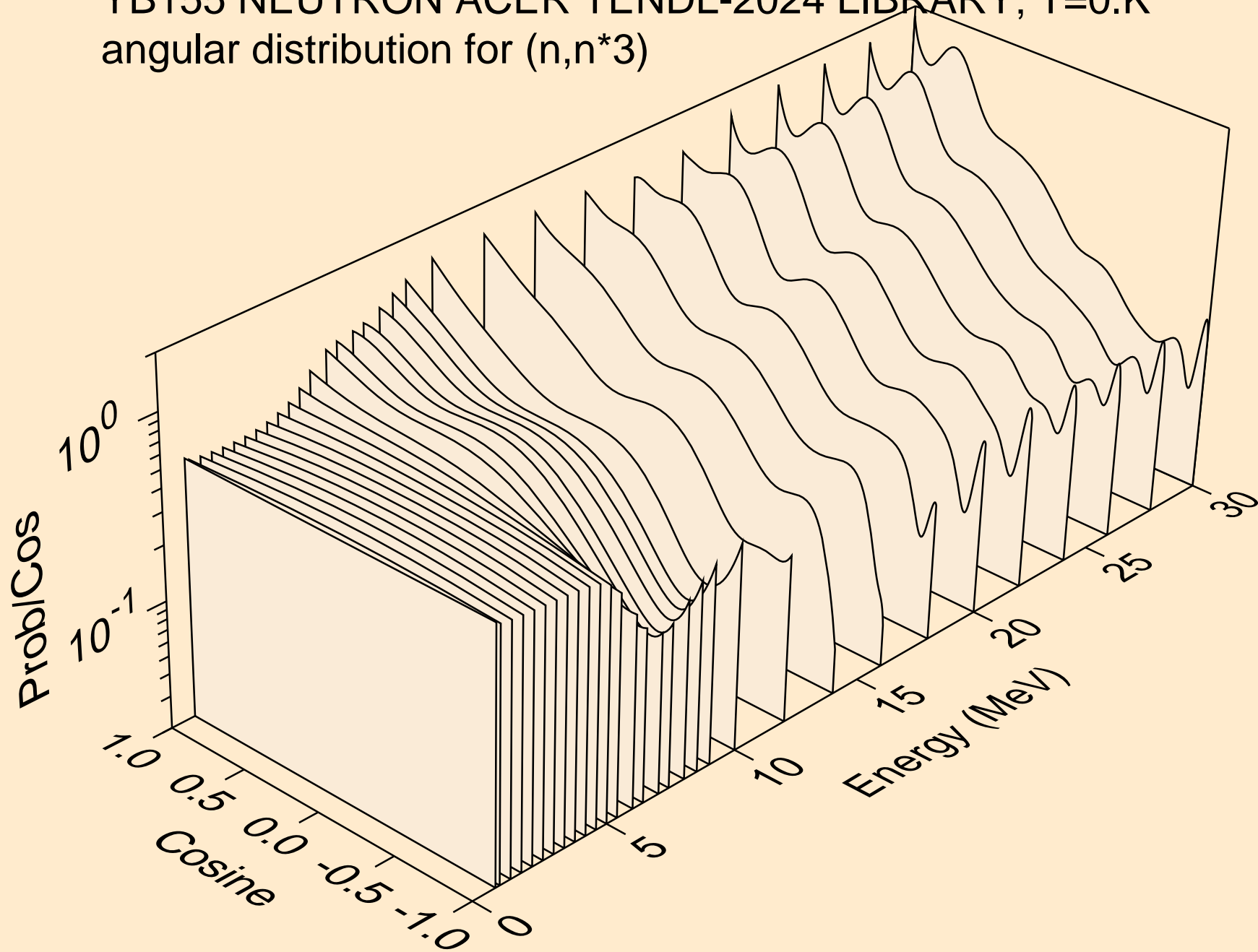
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



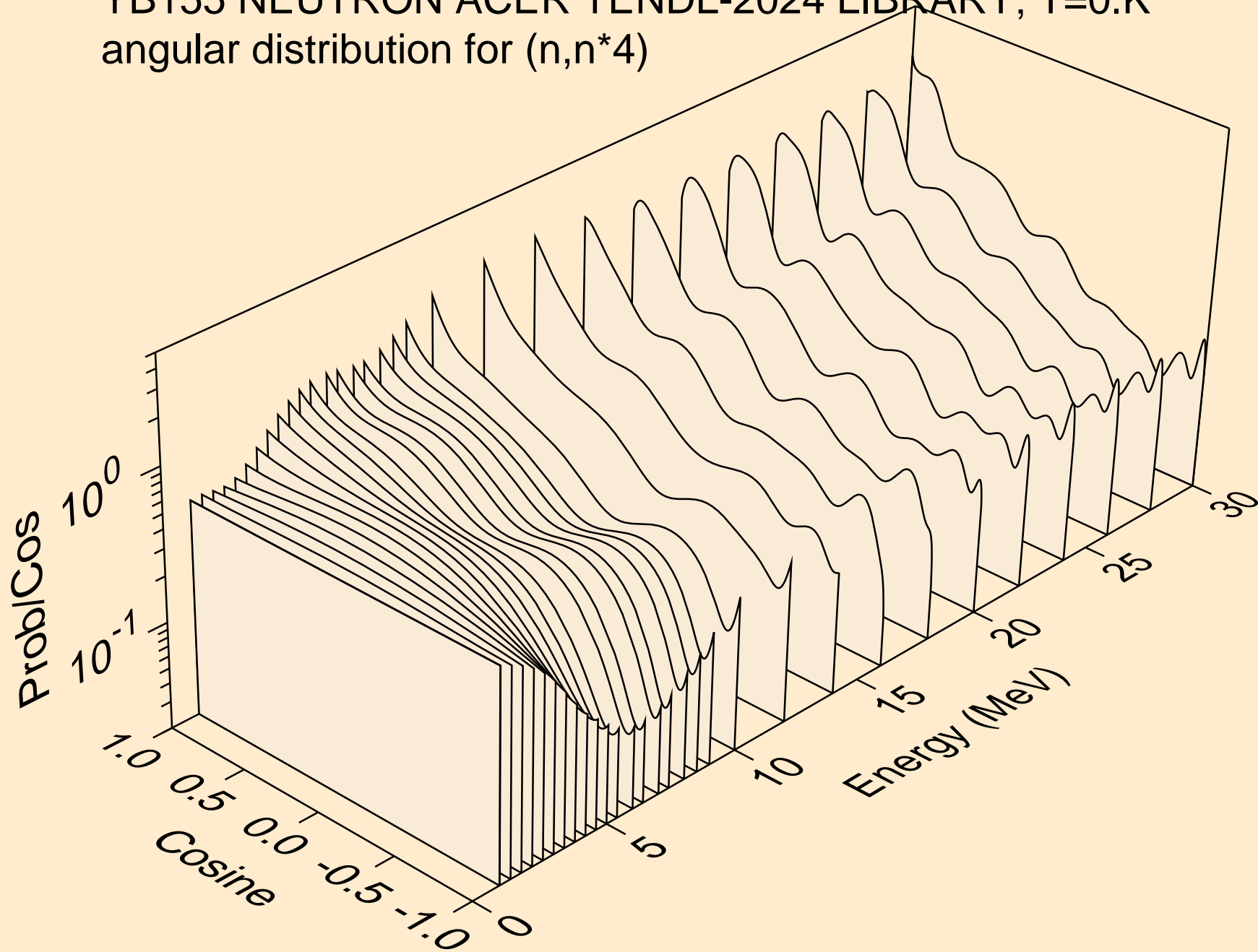
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

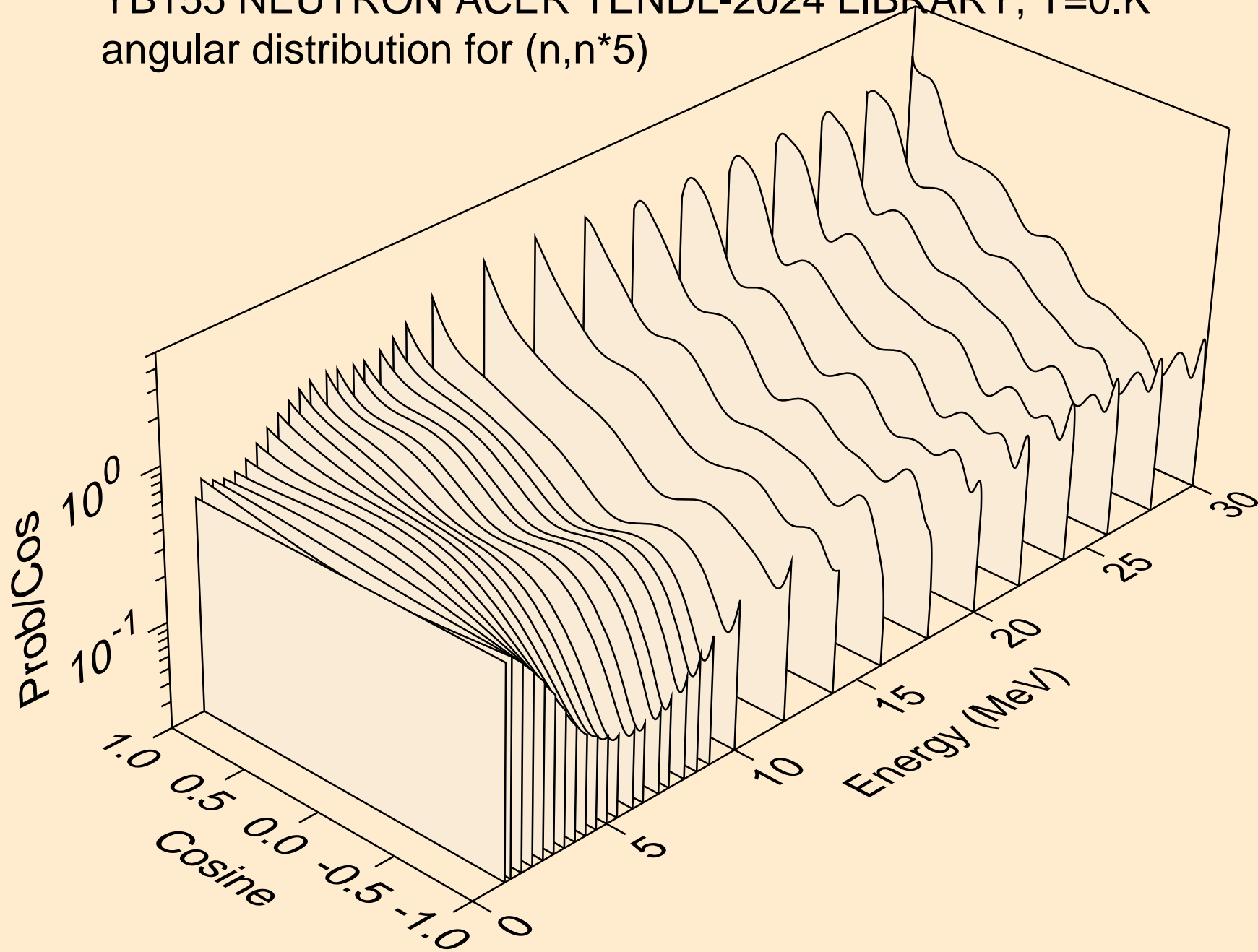


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

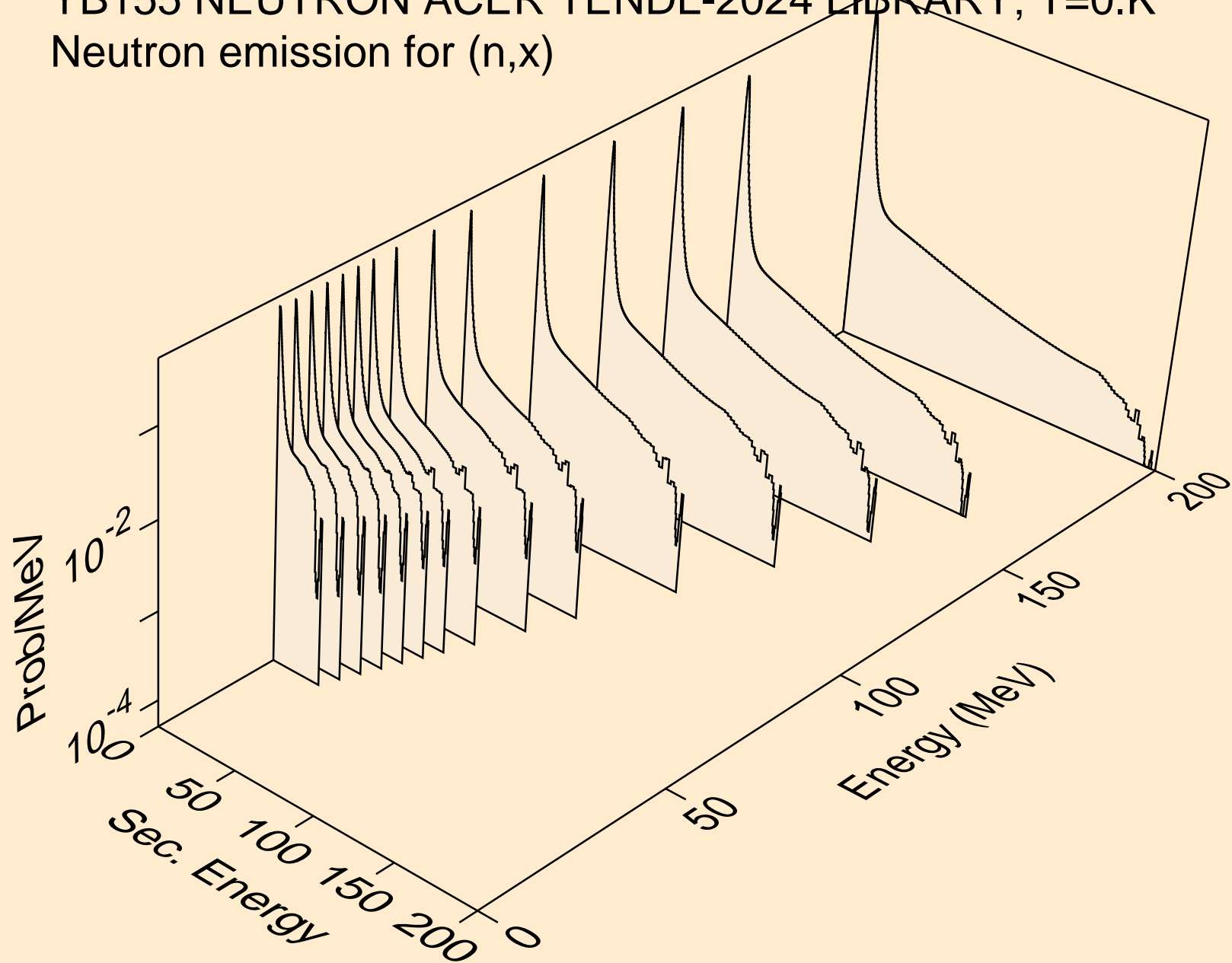




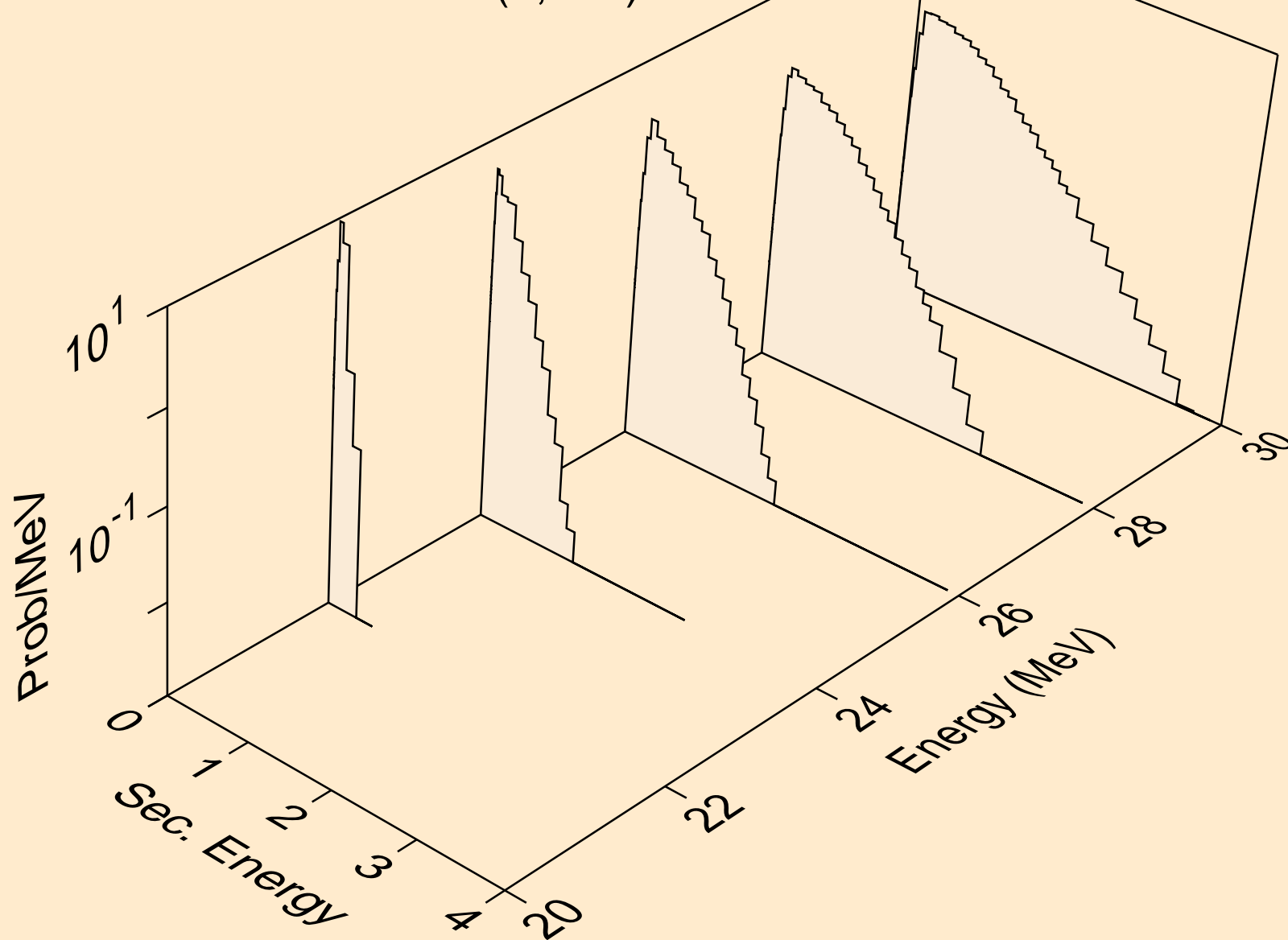
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



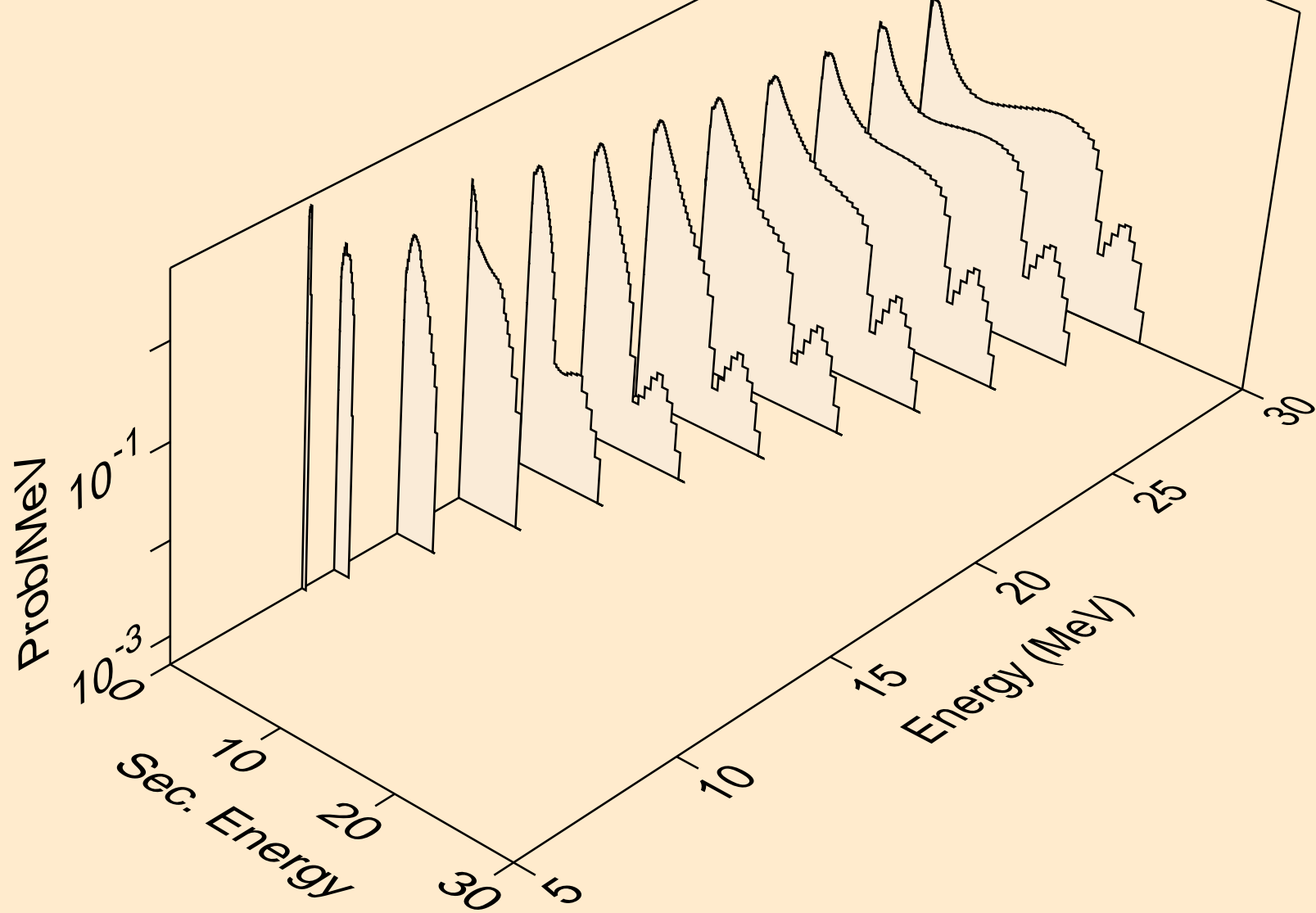
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



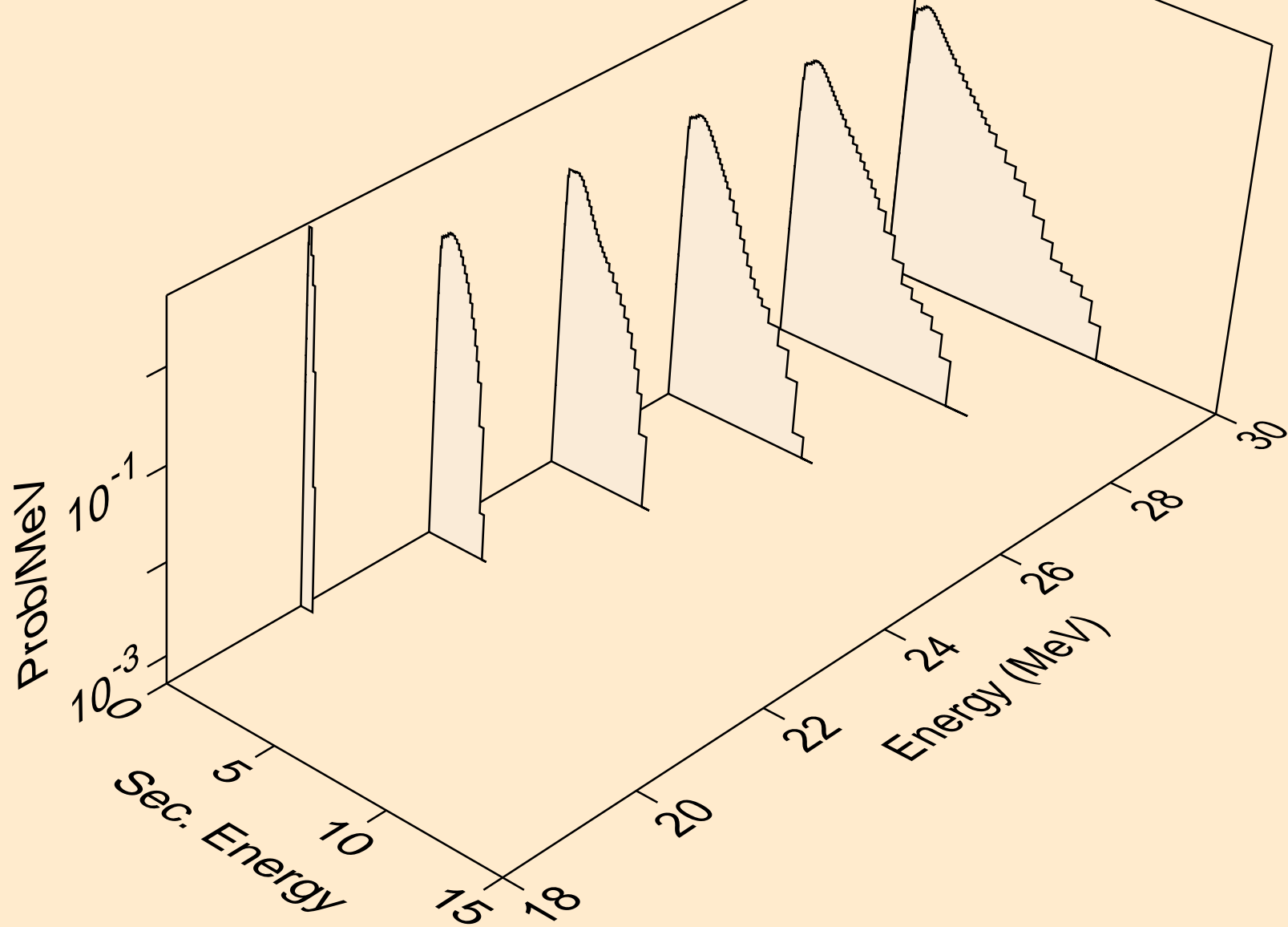
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



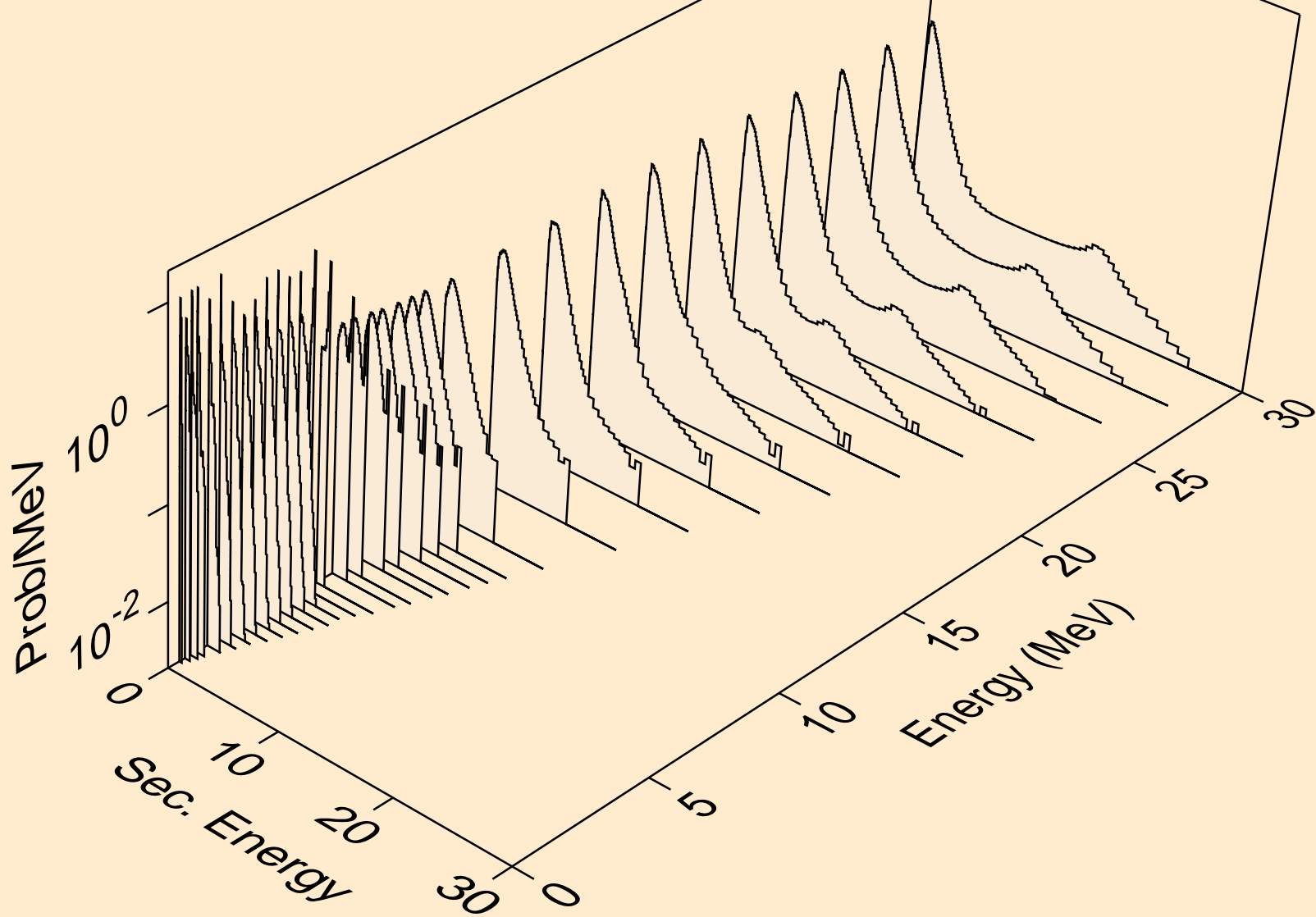
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



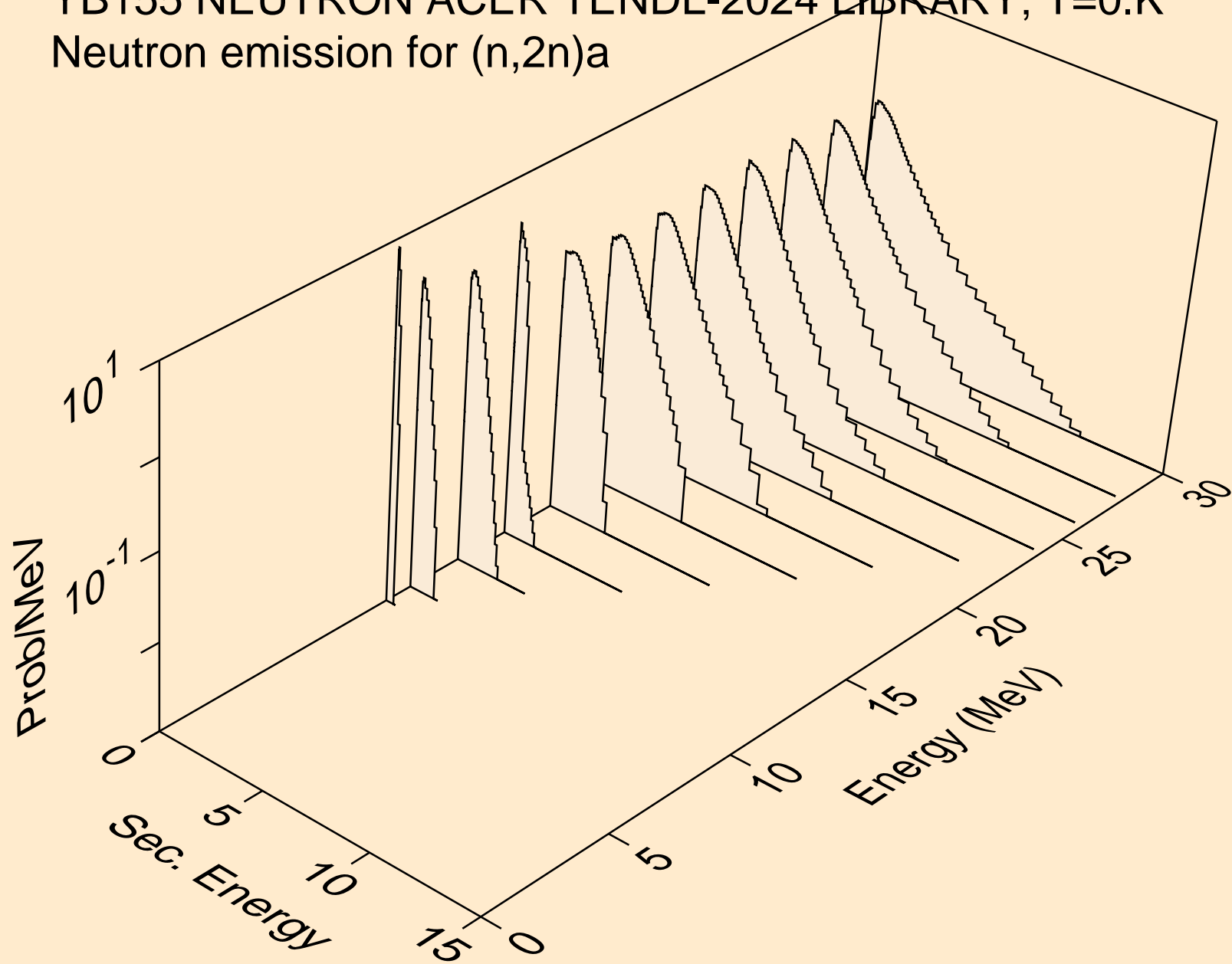
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



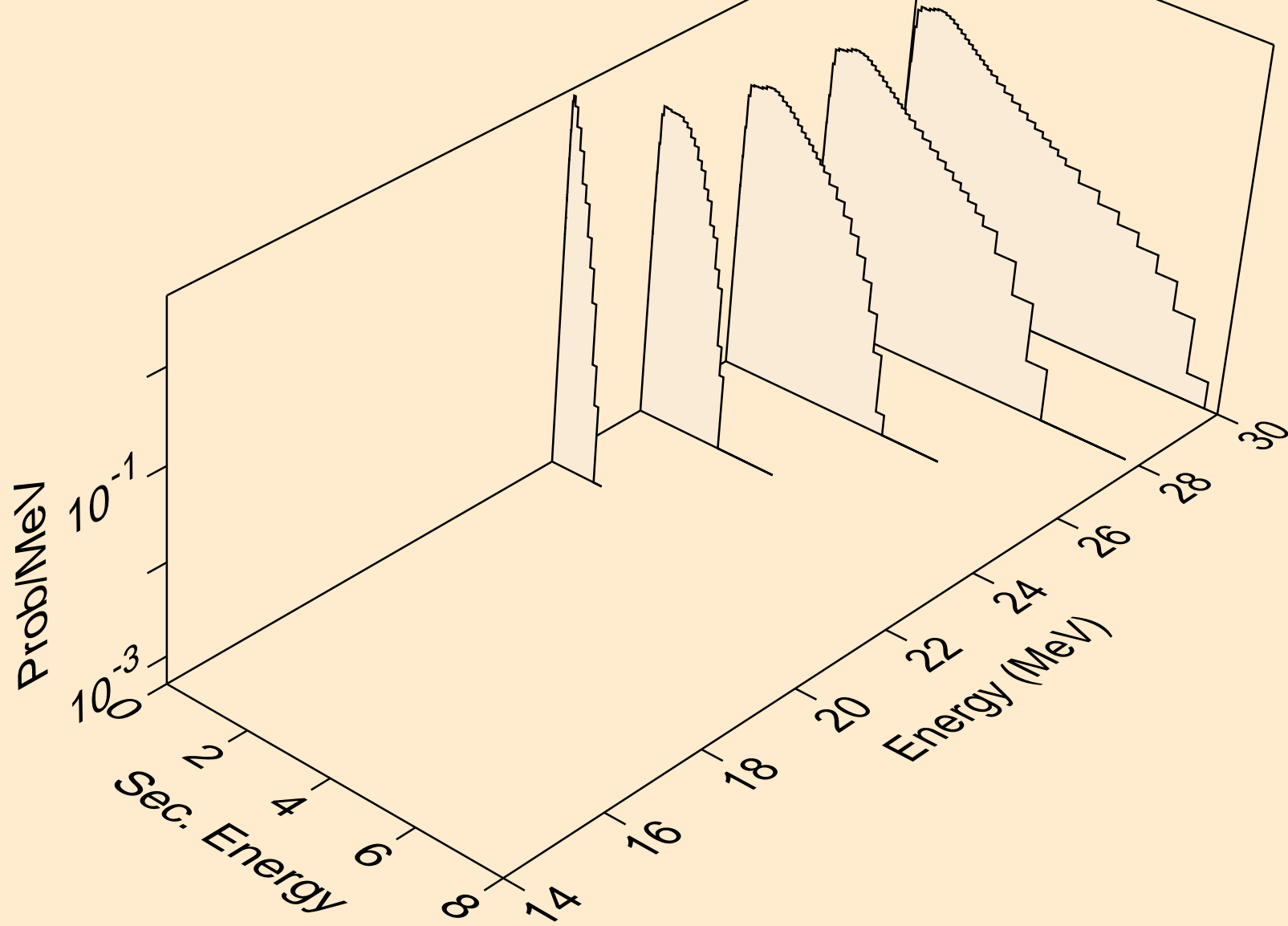
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

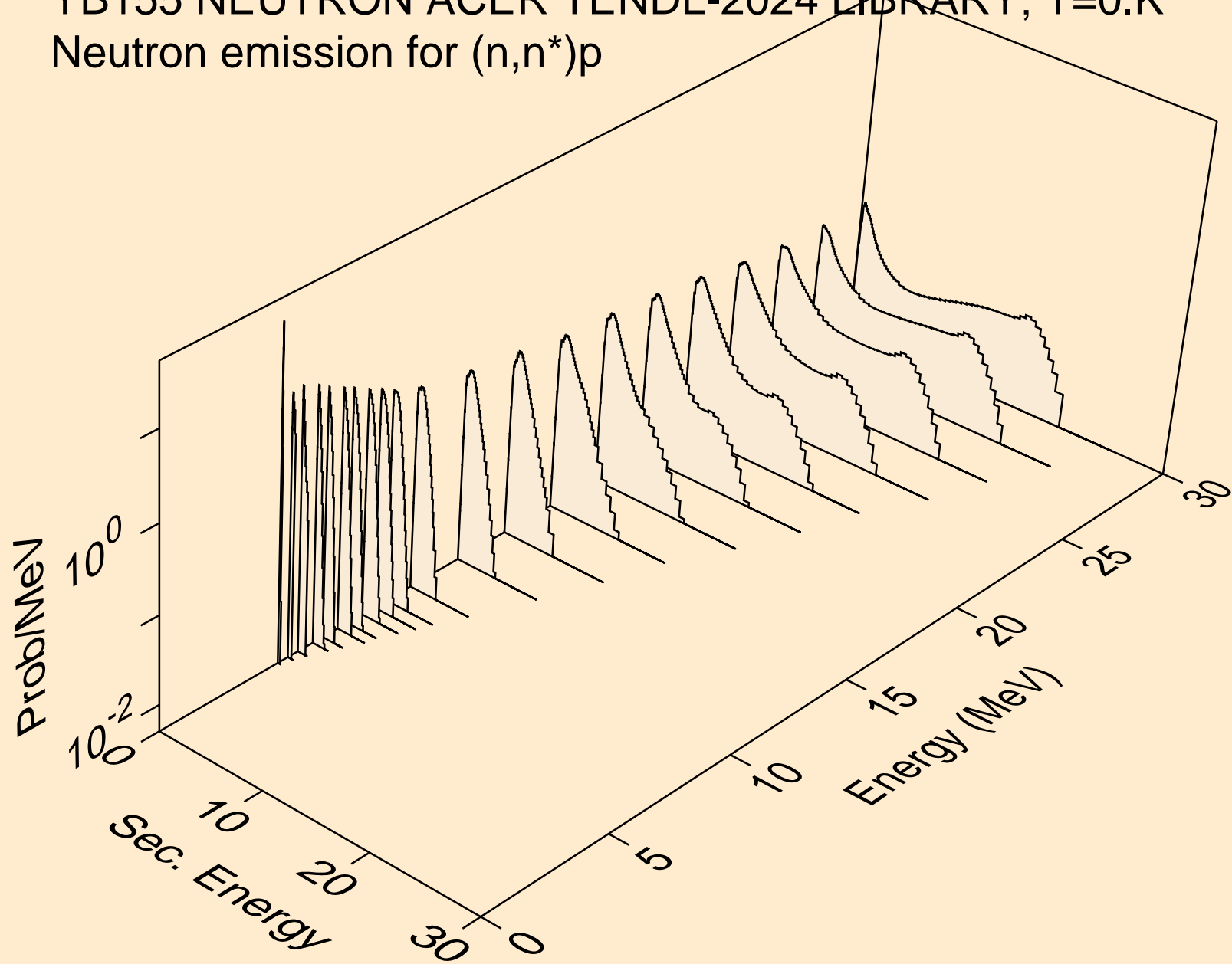


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

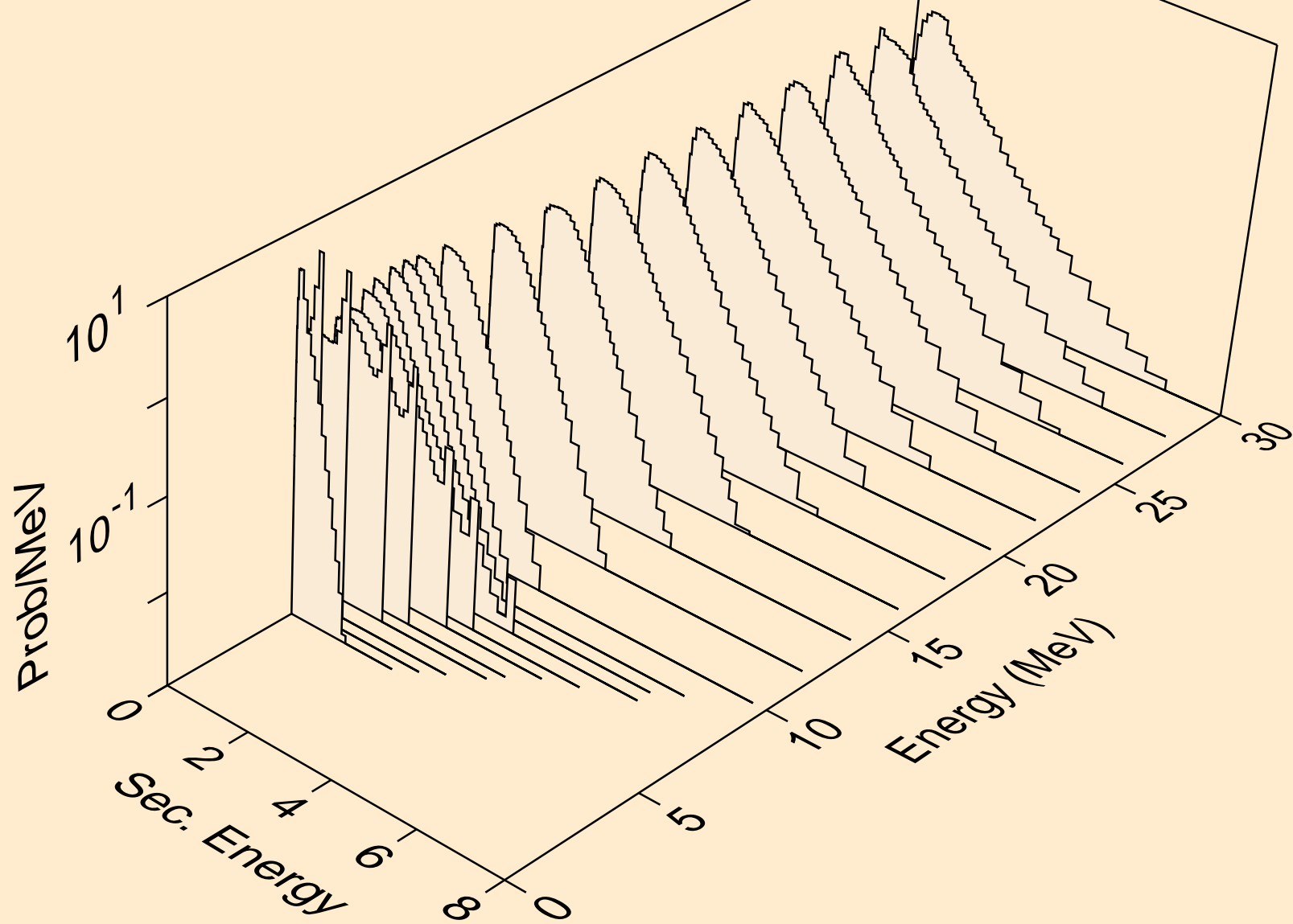




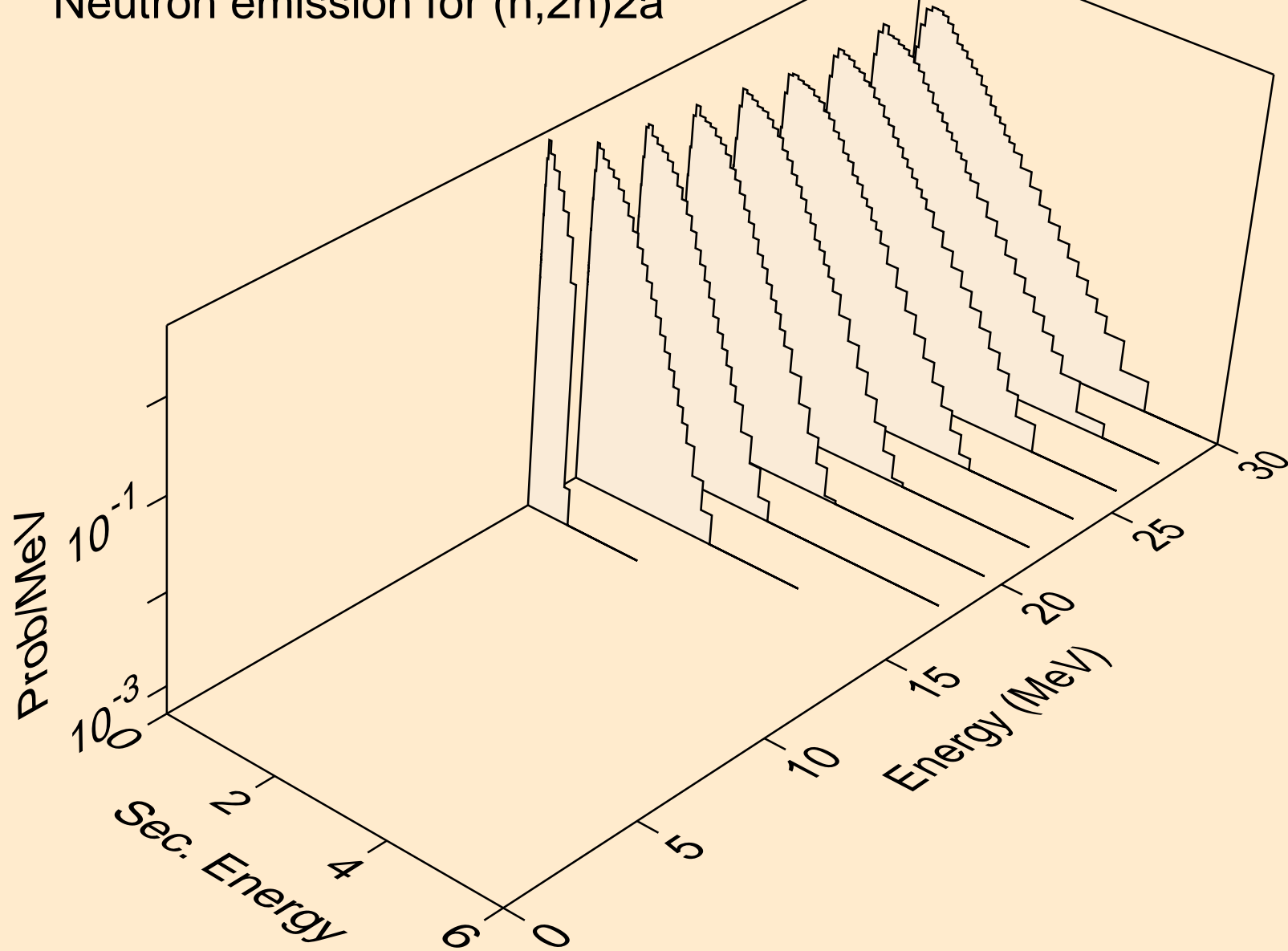
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



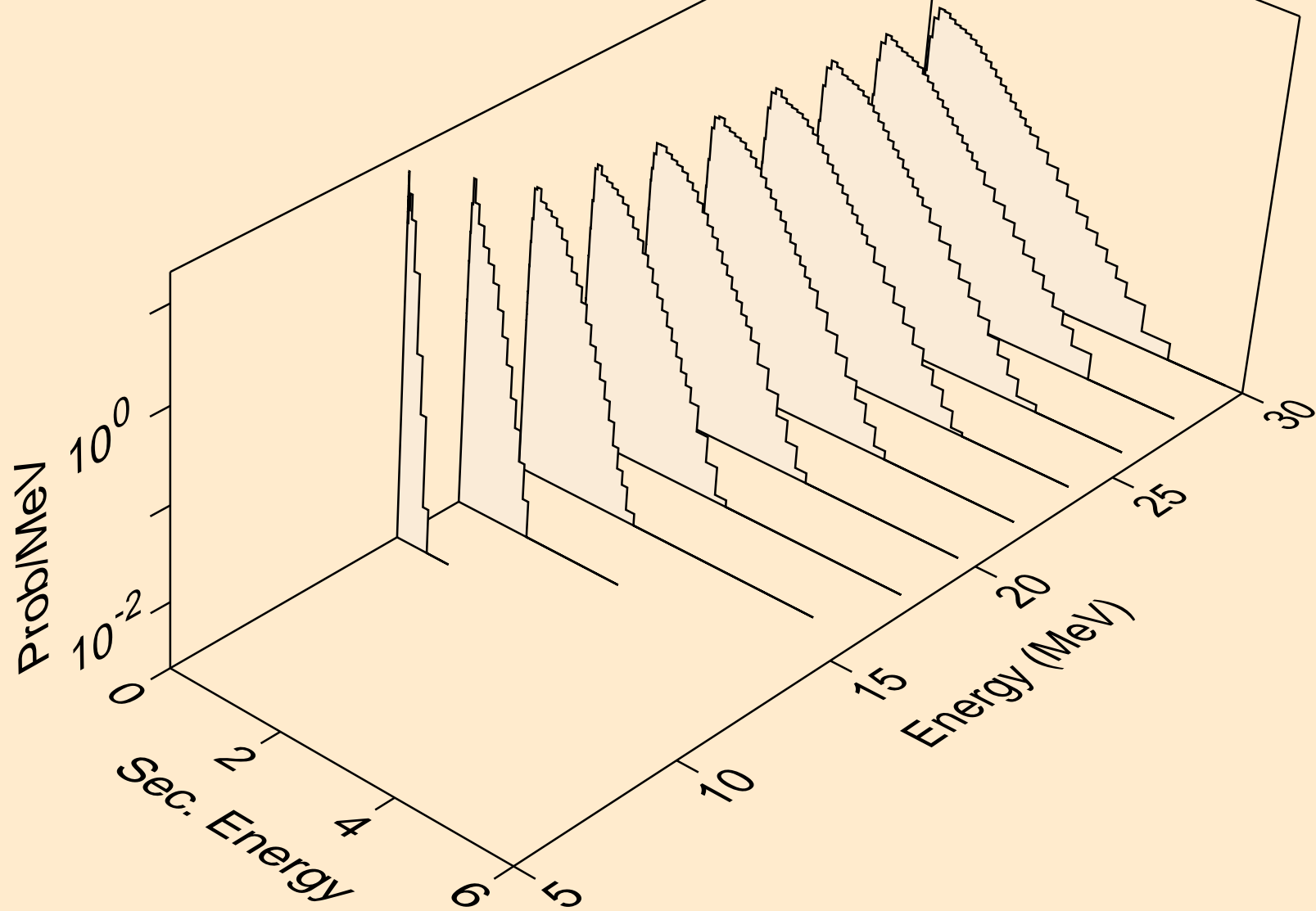
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



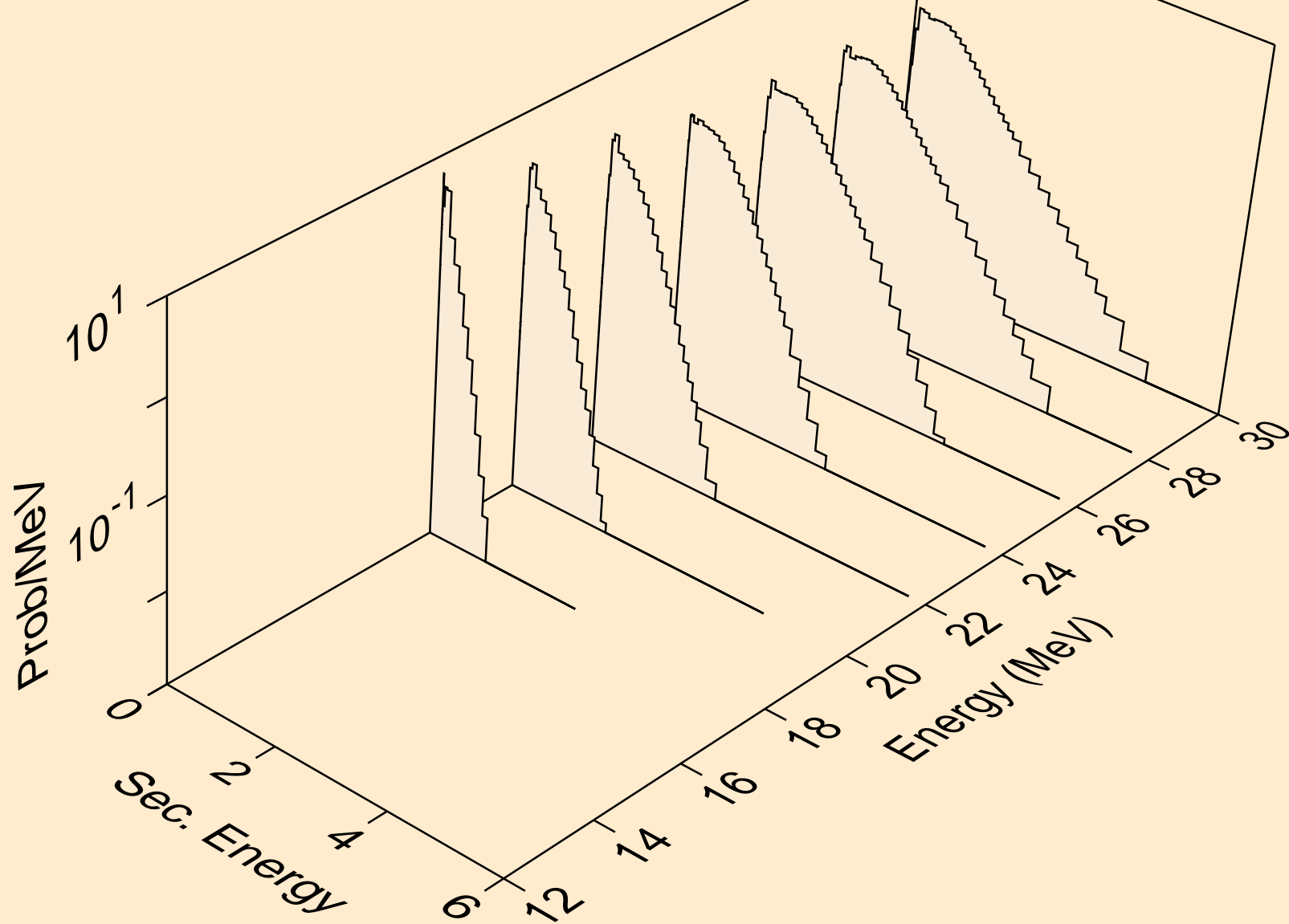
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



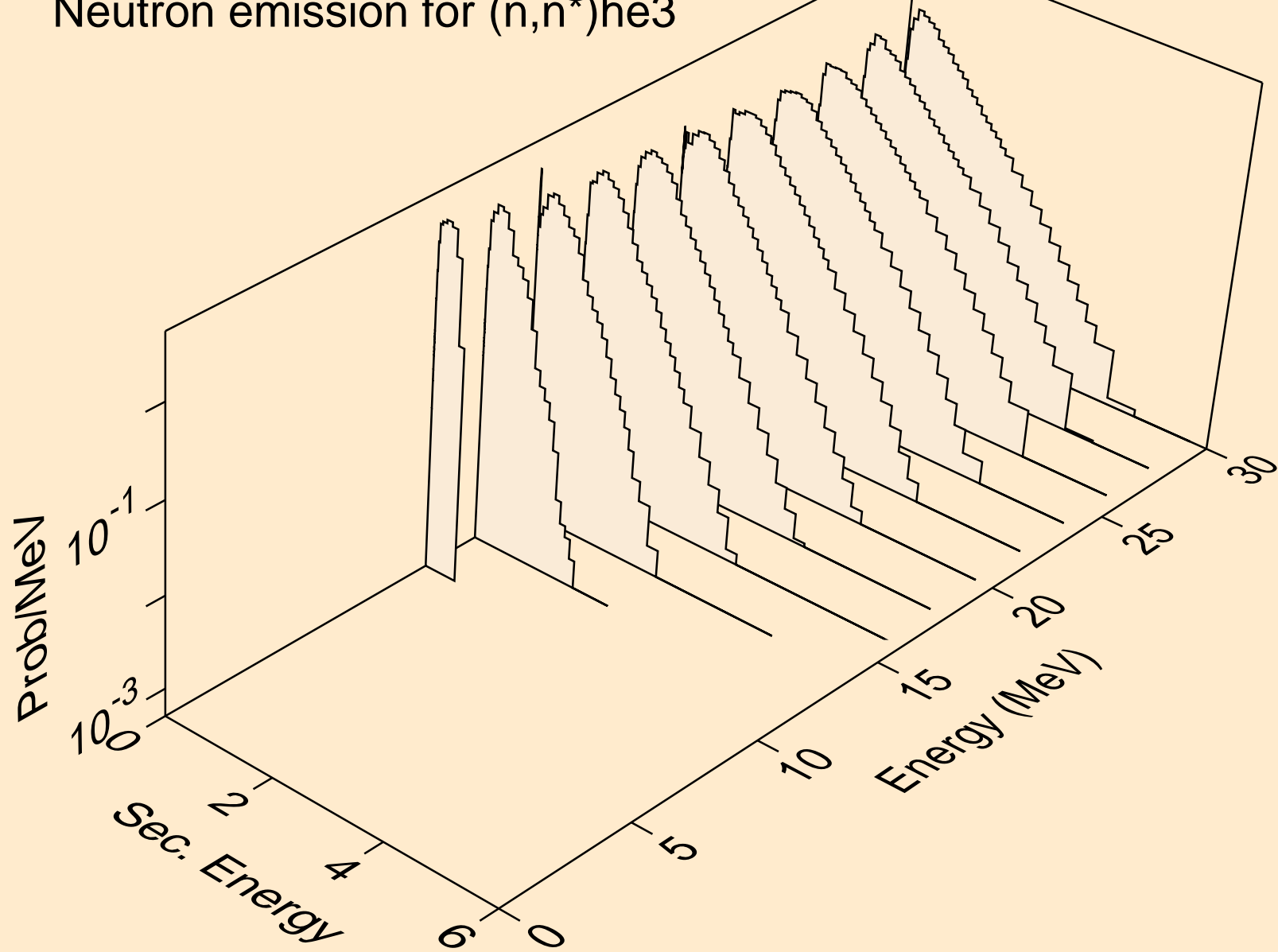
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



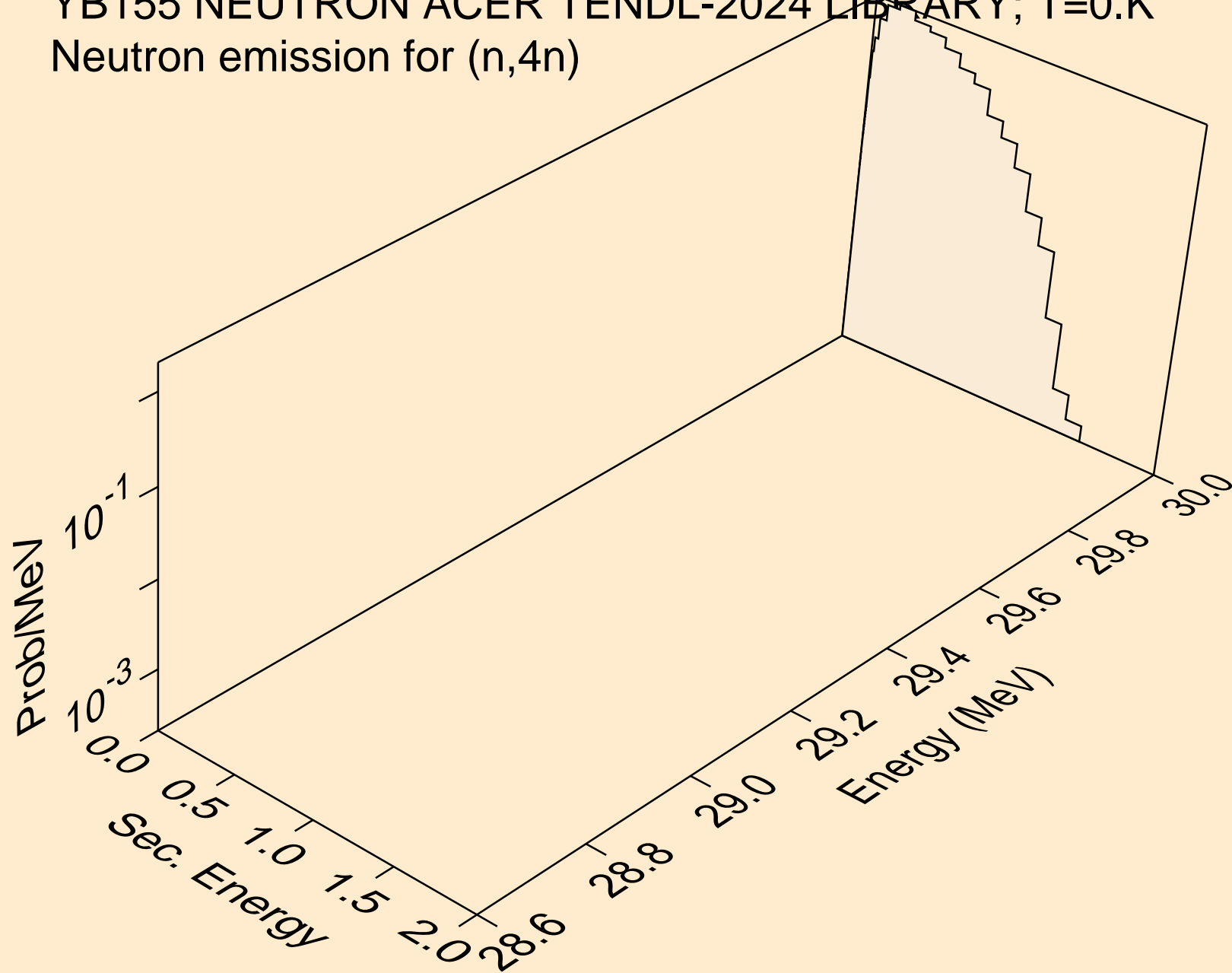
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



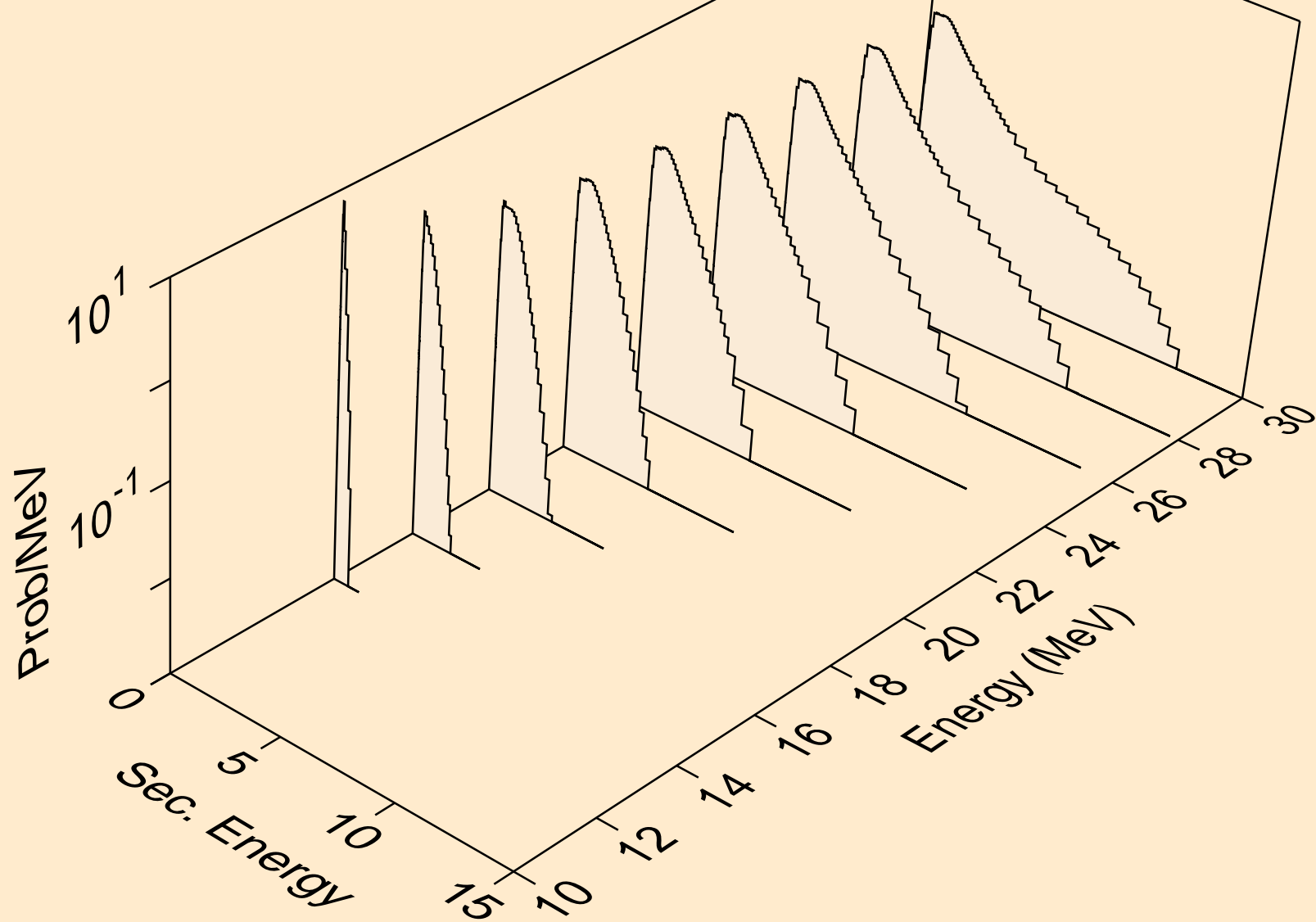
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

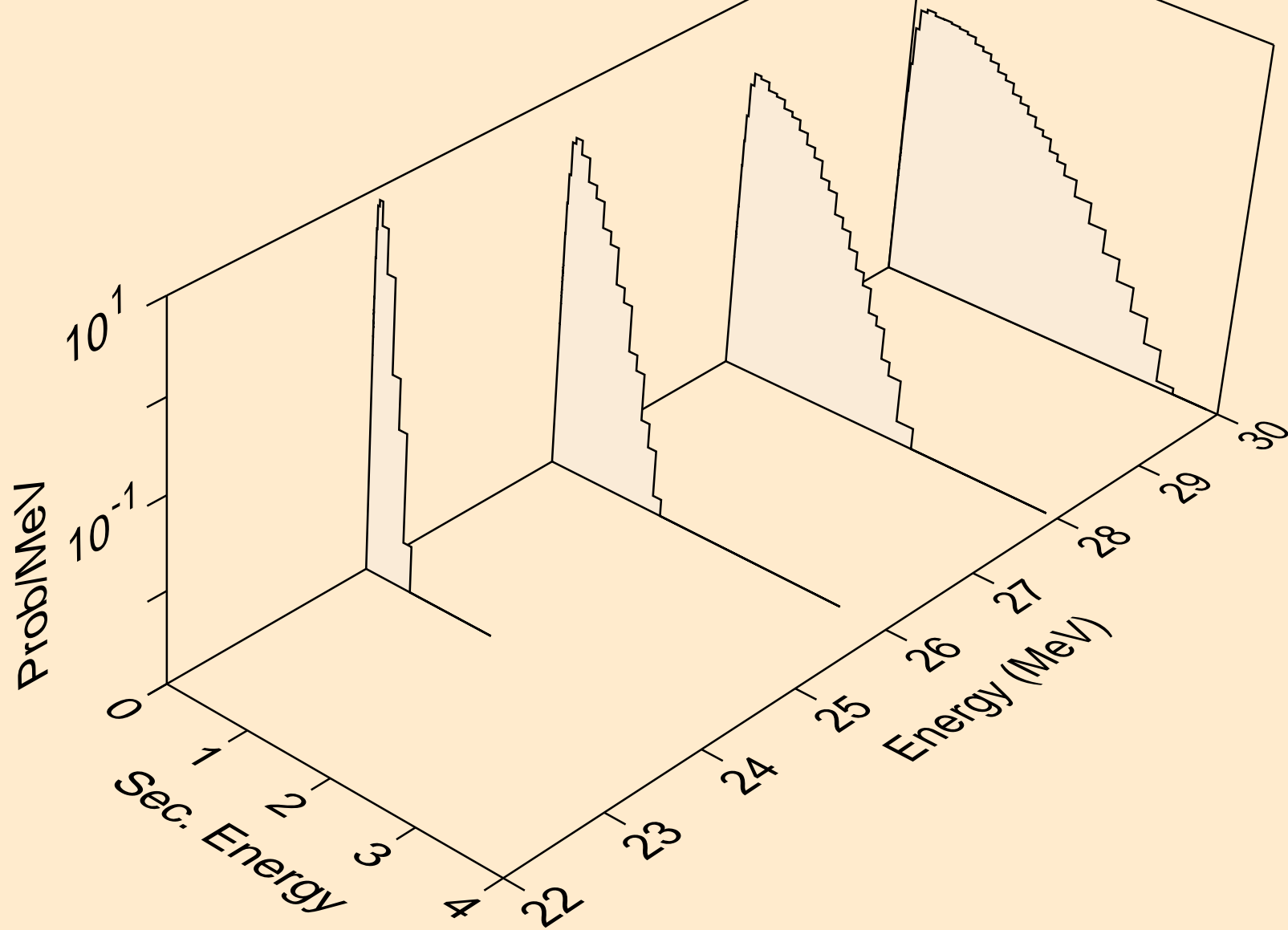


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

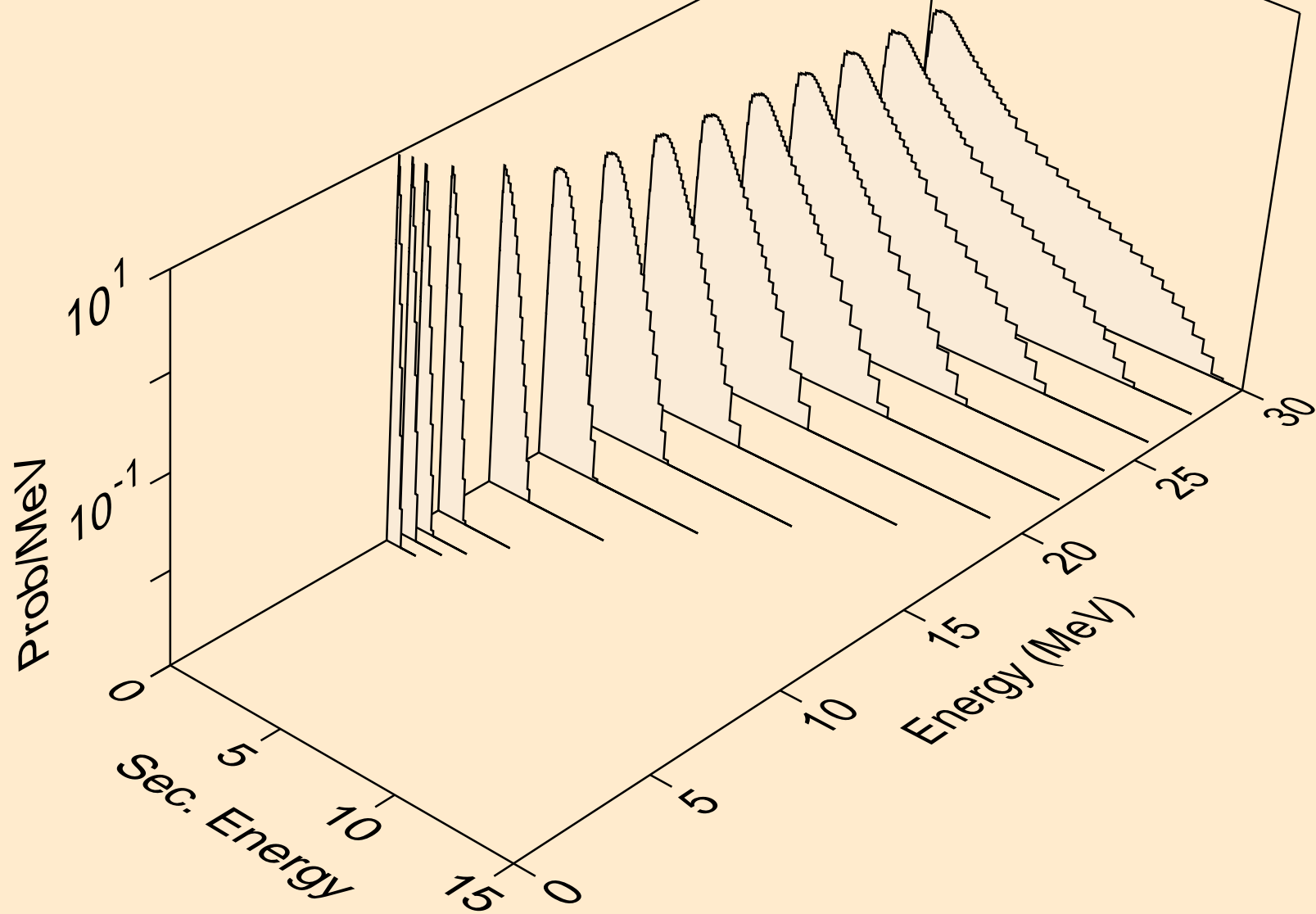




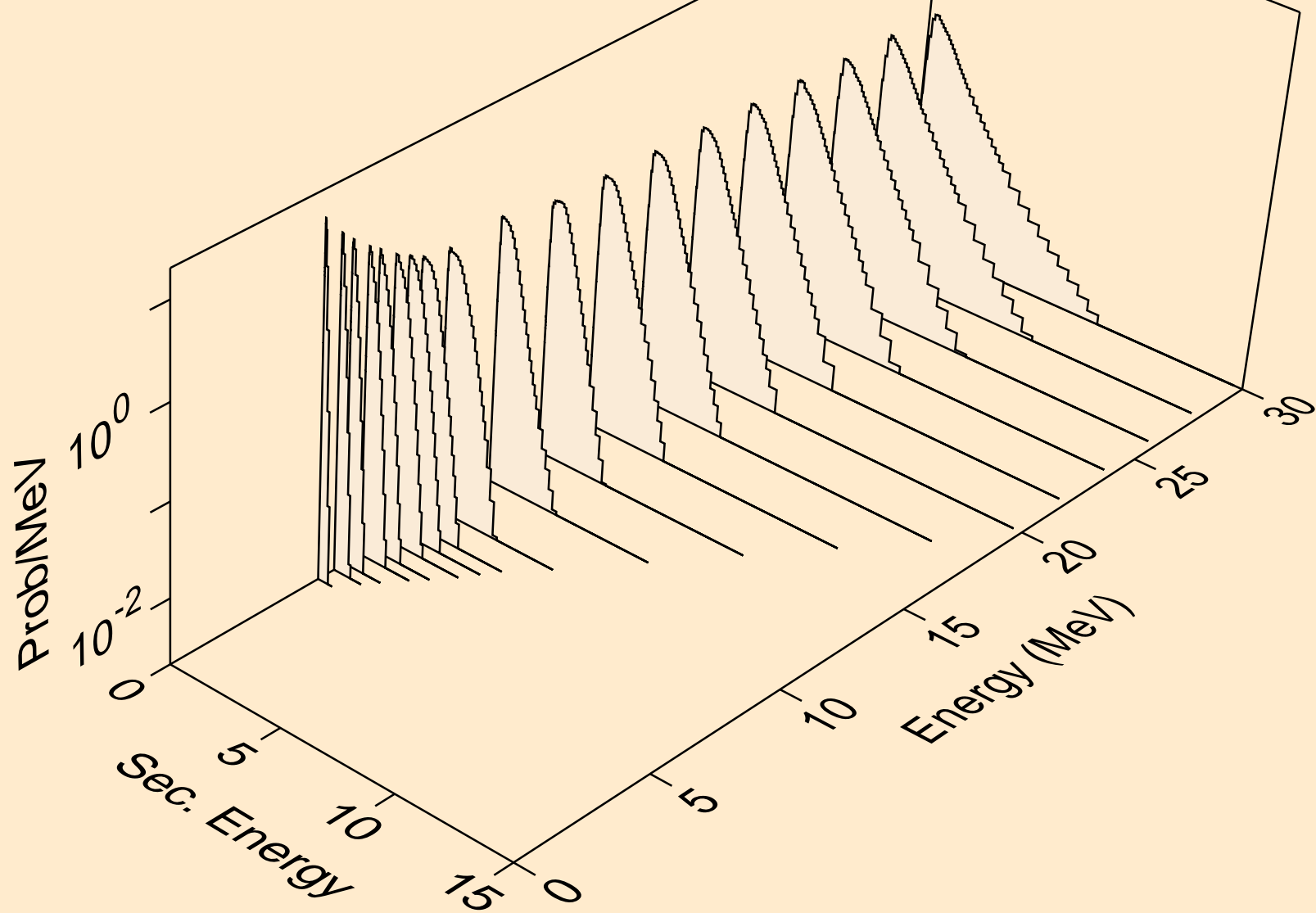
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



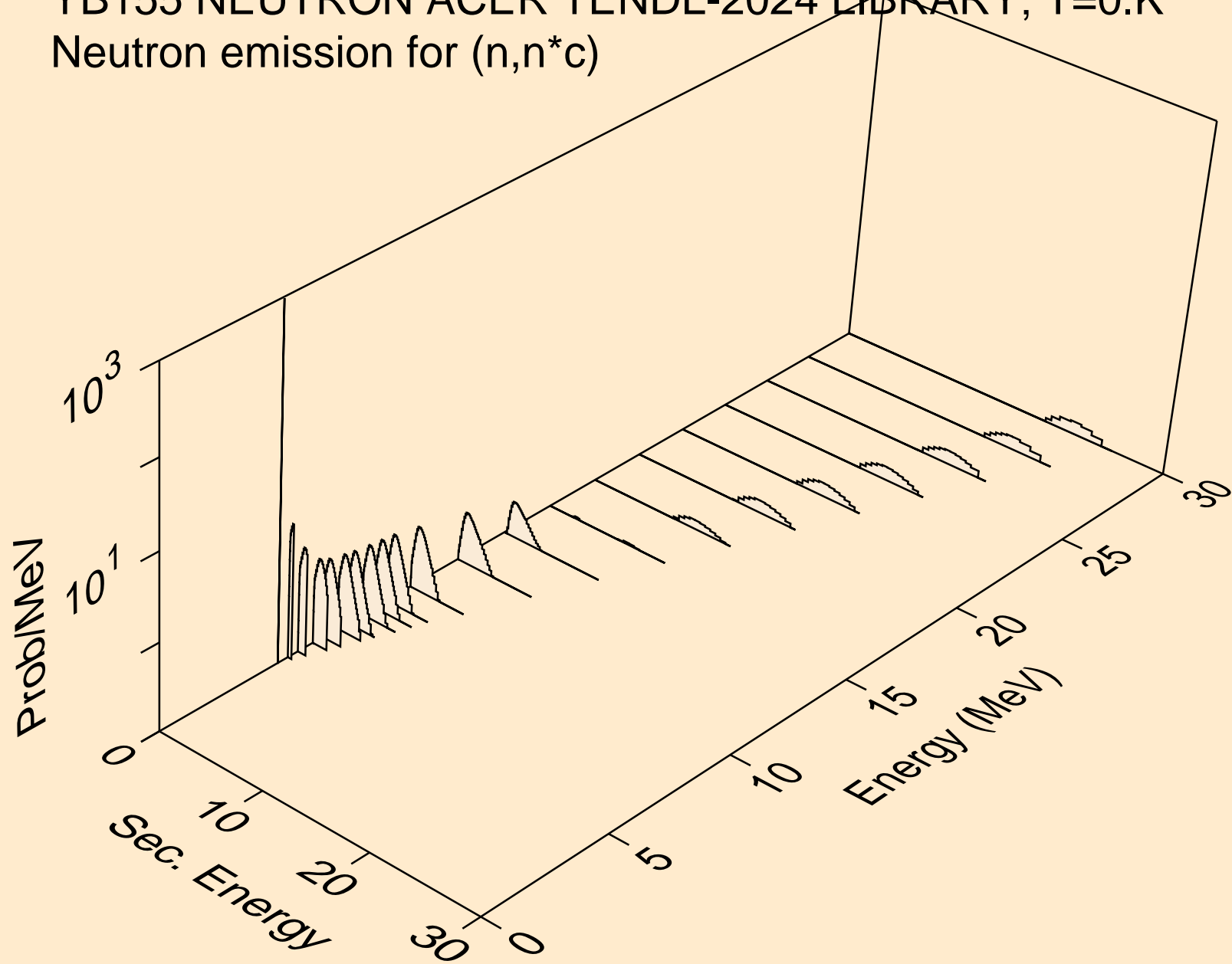
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Neutron emission for (n,n2p)



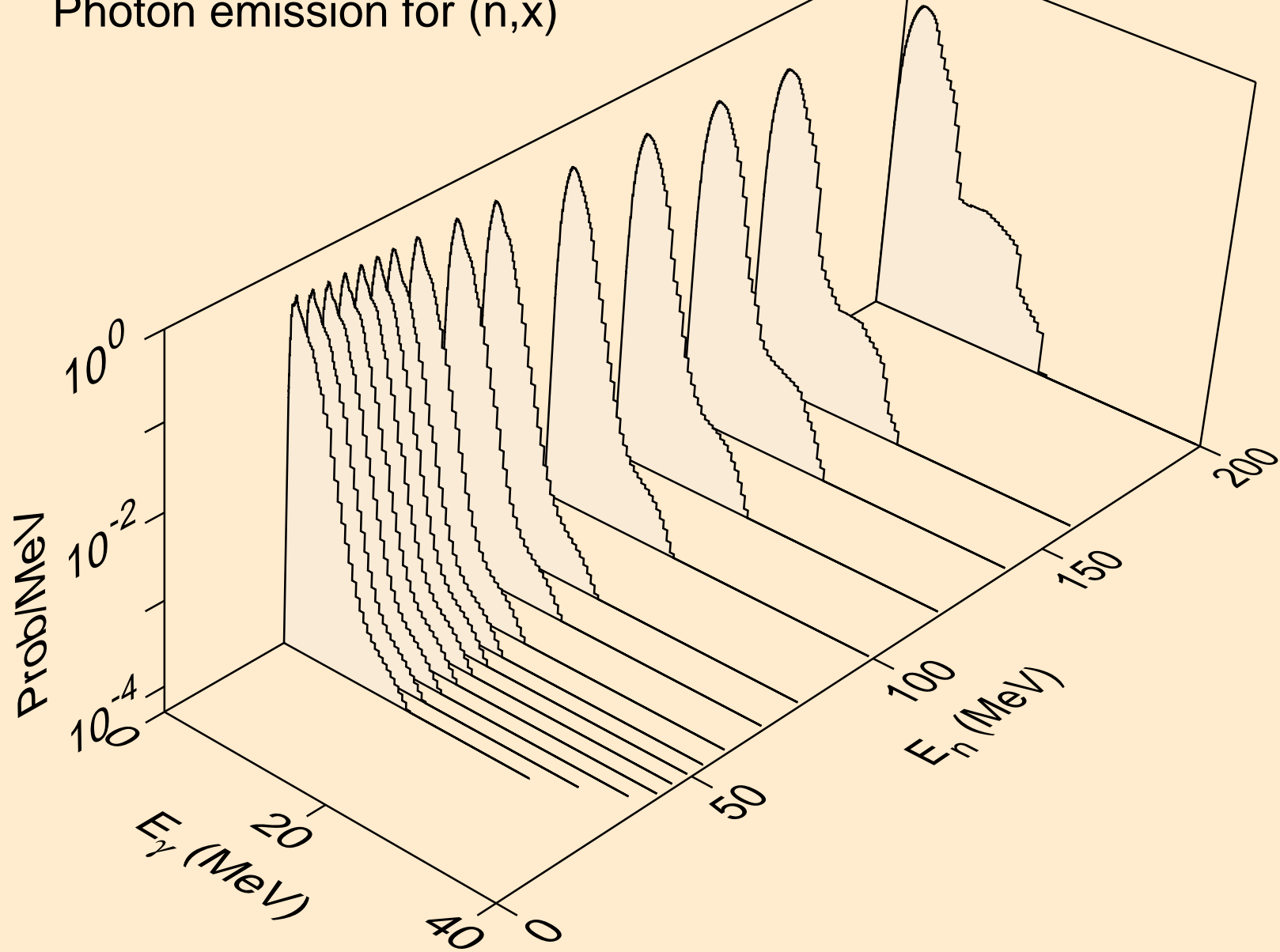
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Neutron emission for (n,npa)



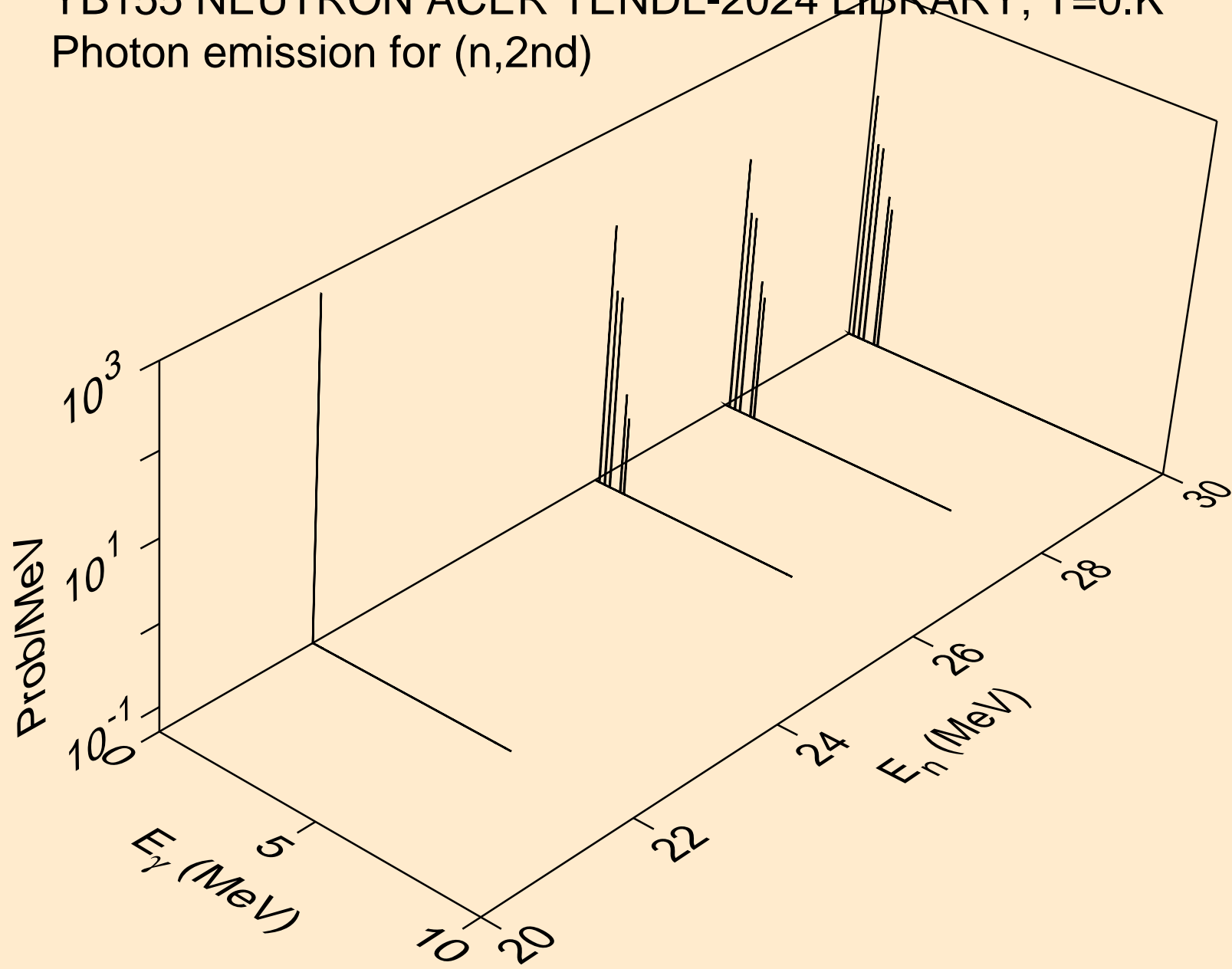
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



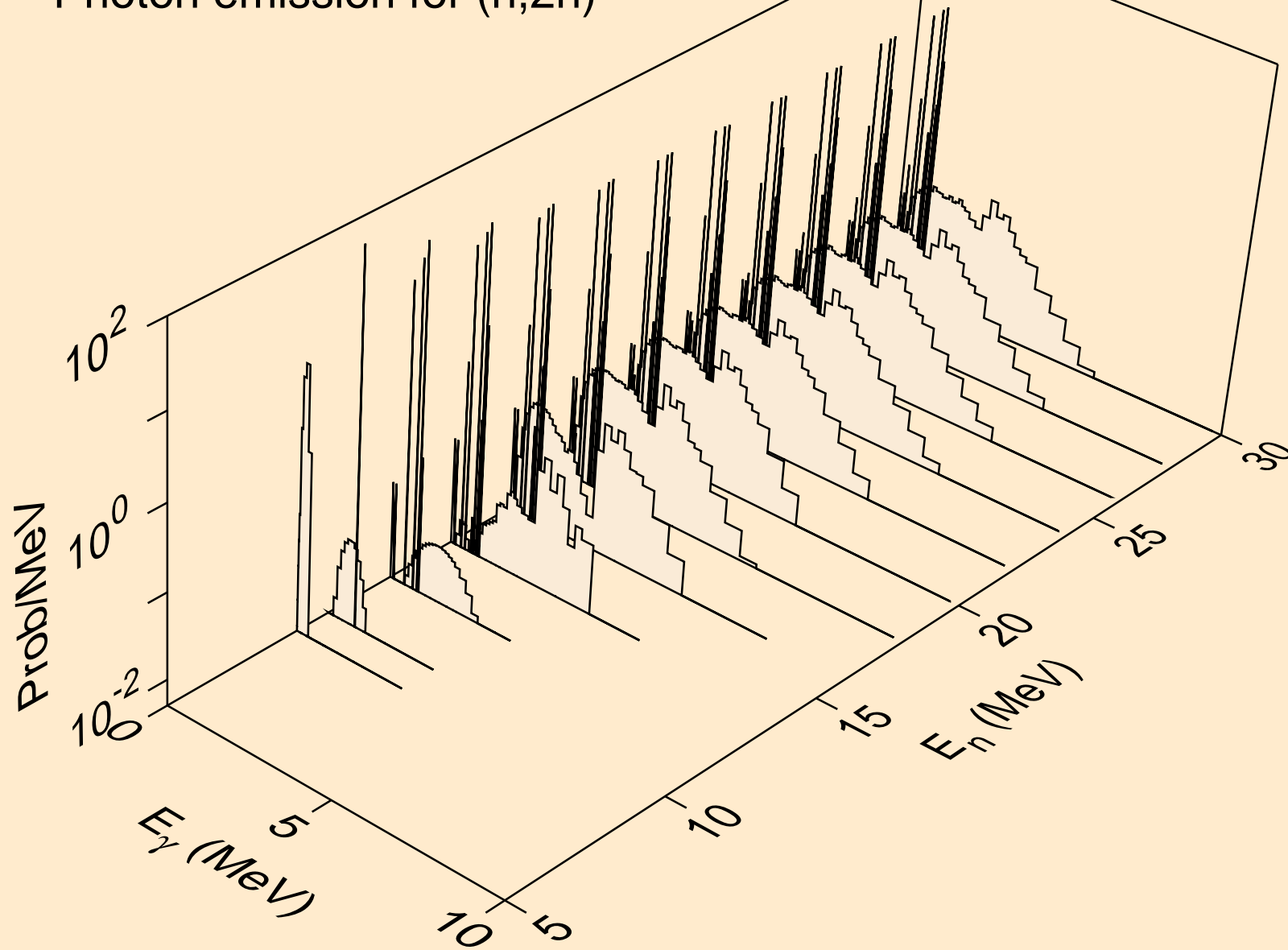
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



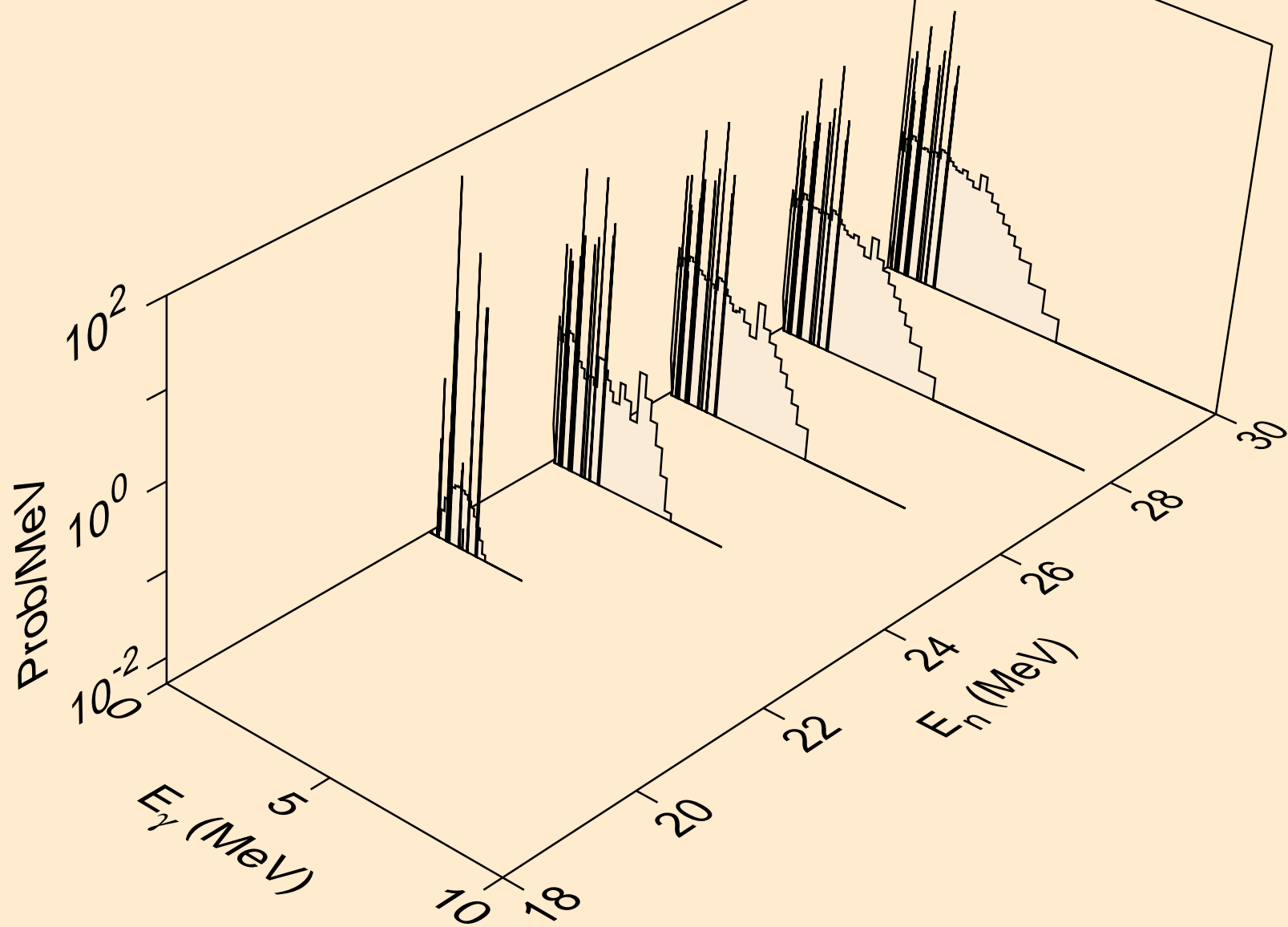
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

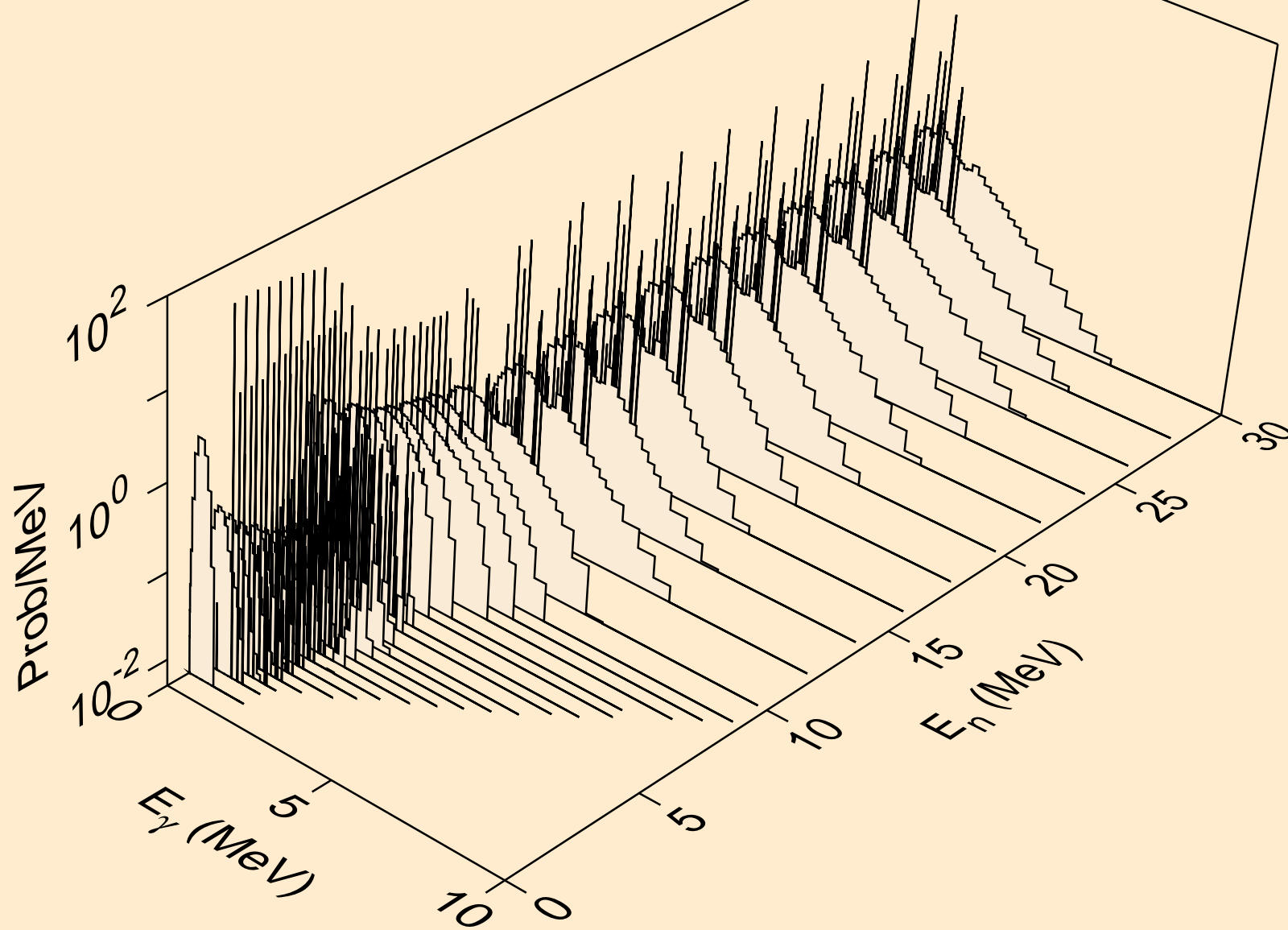


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

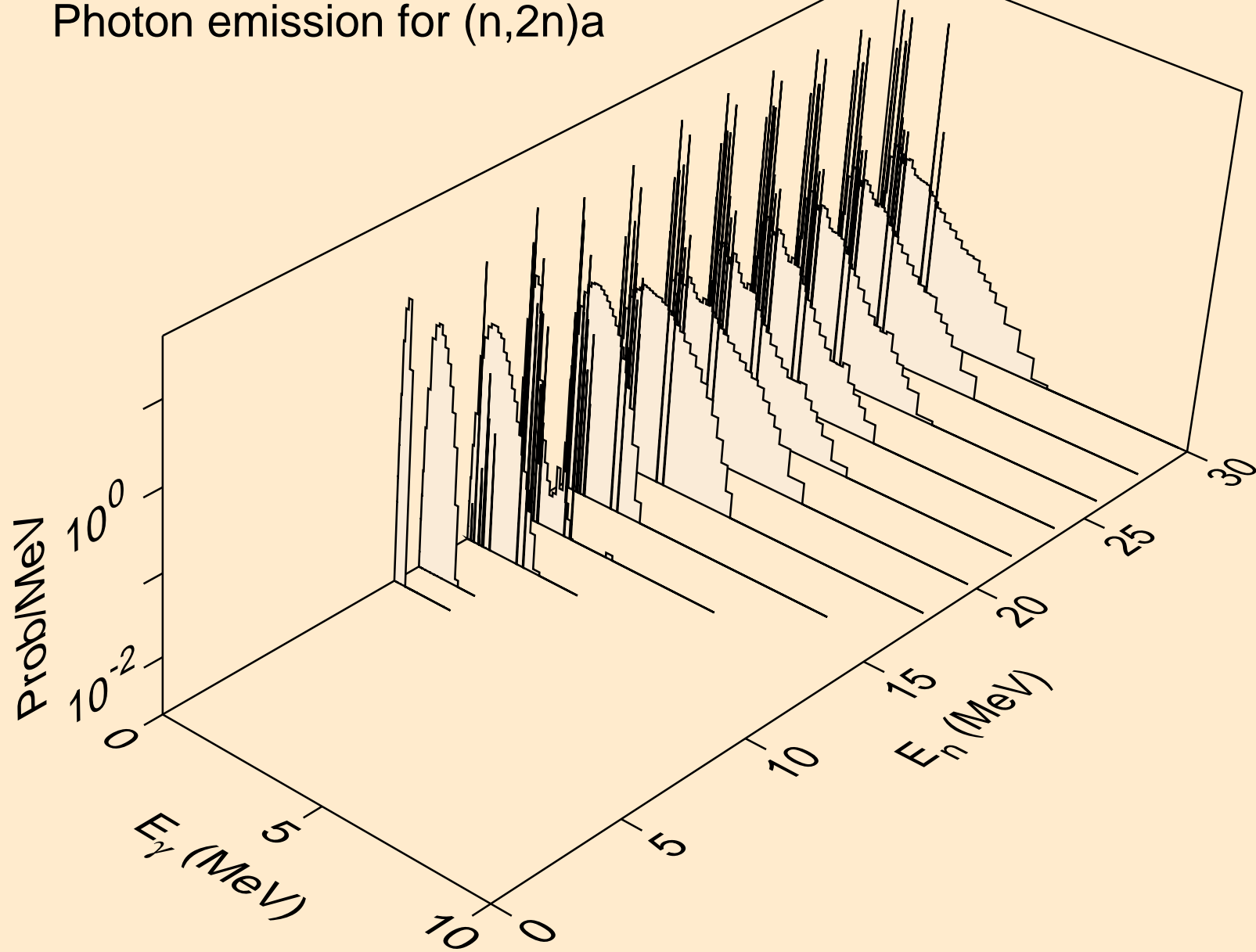




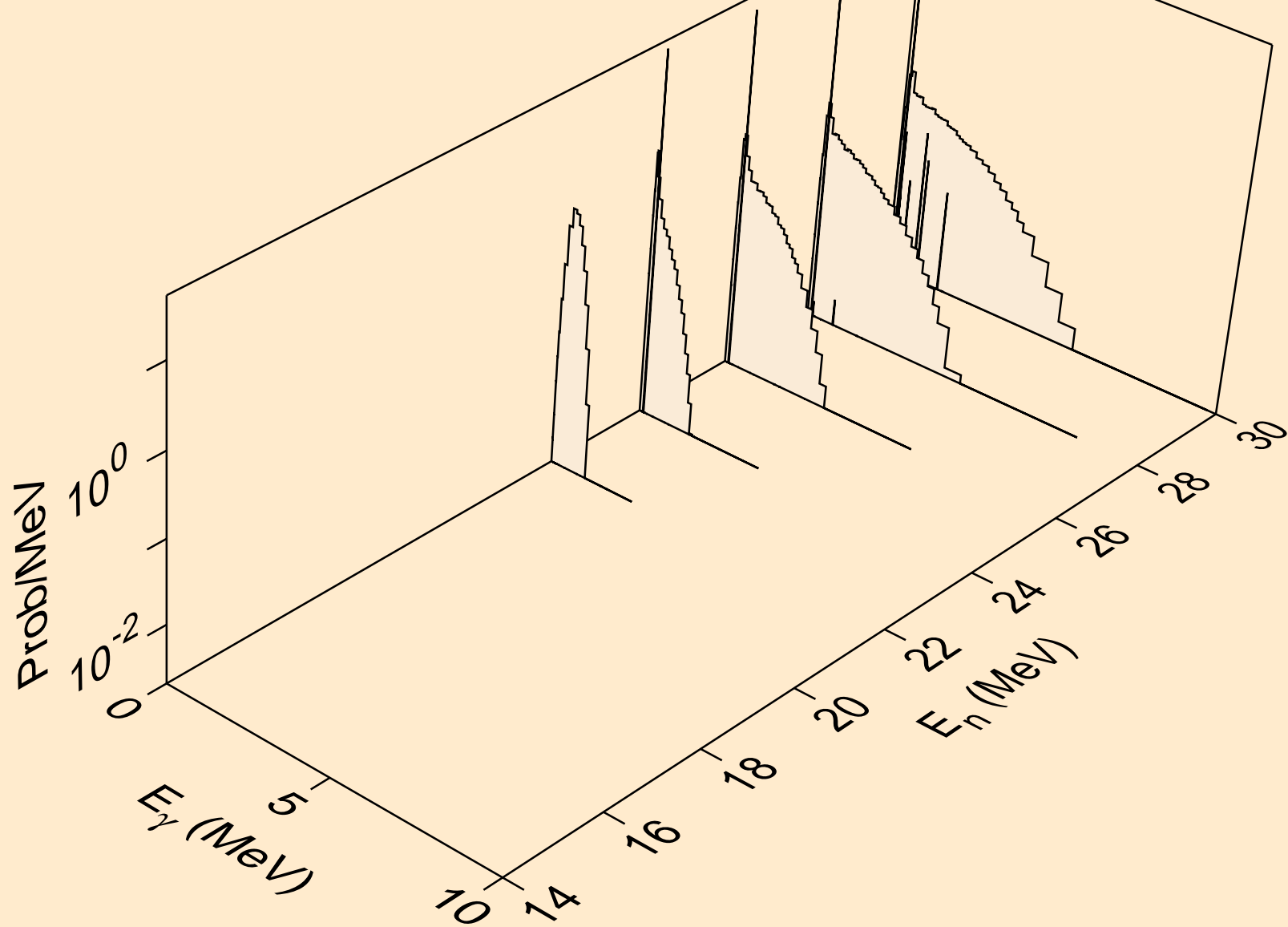
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



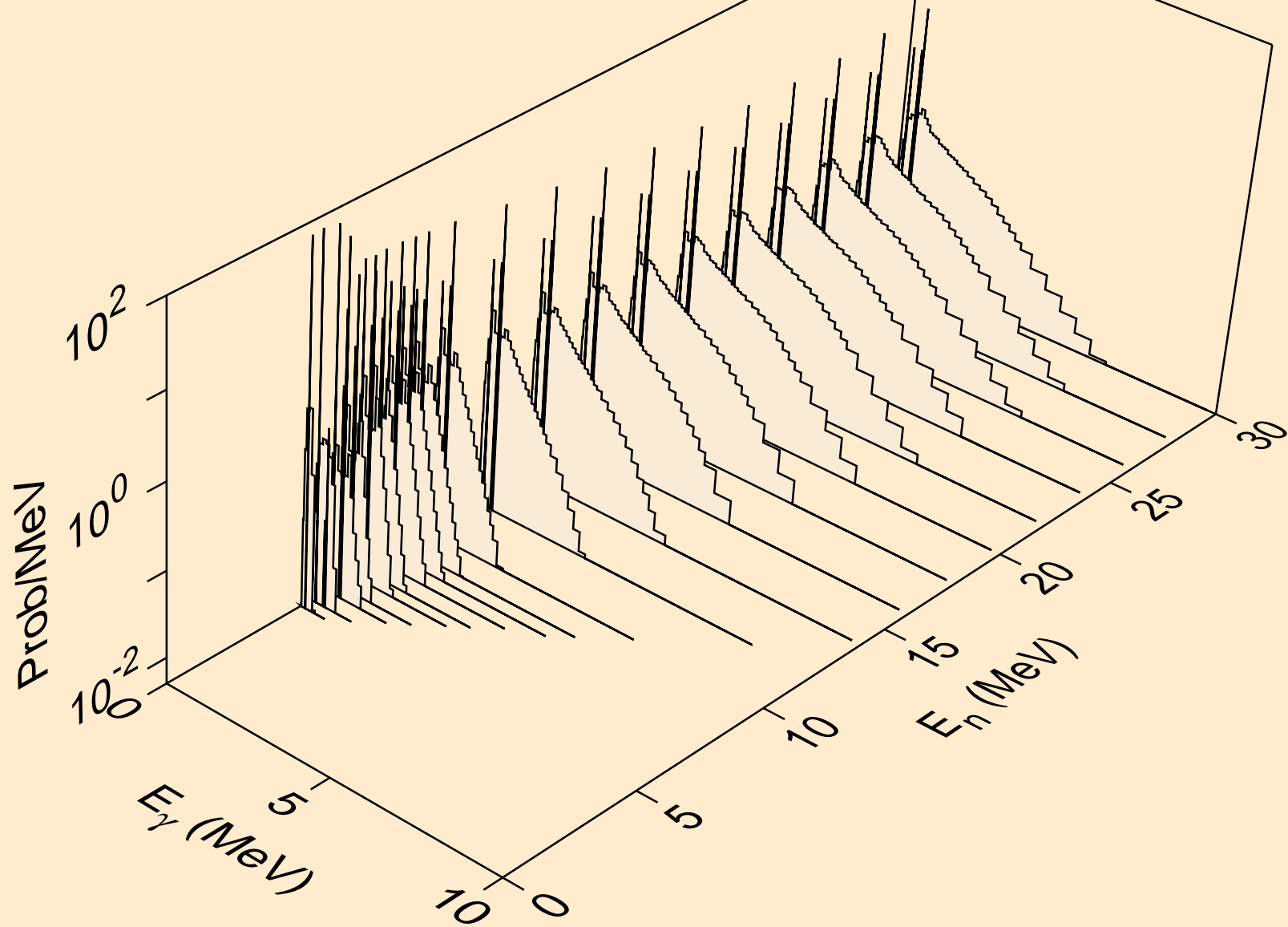
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



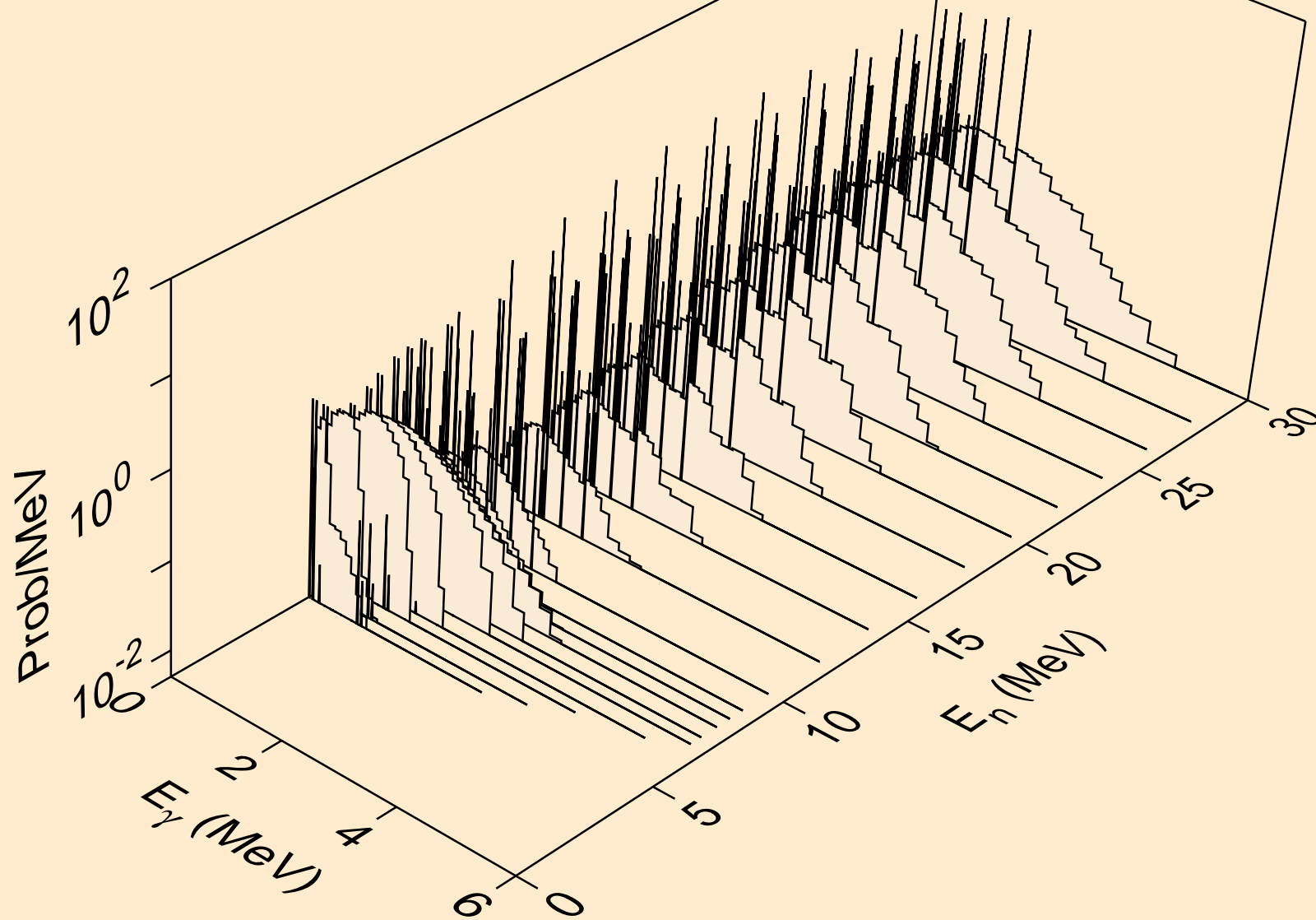
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



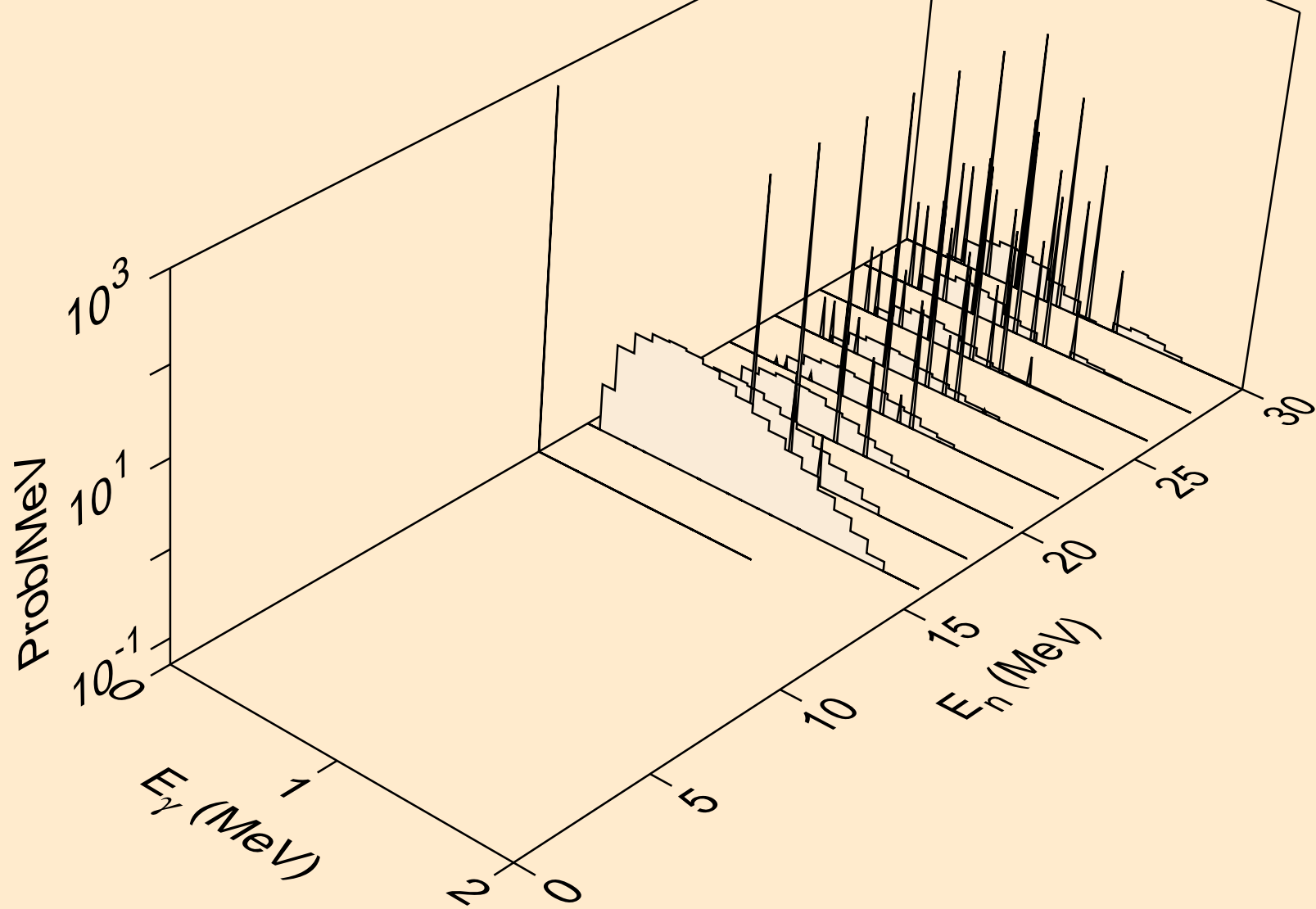
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



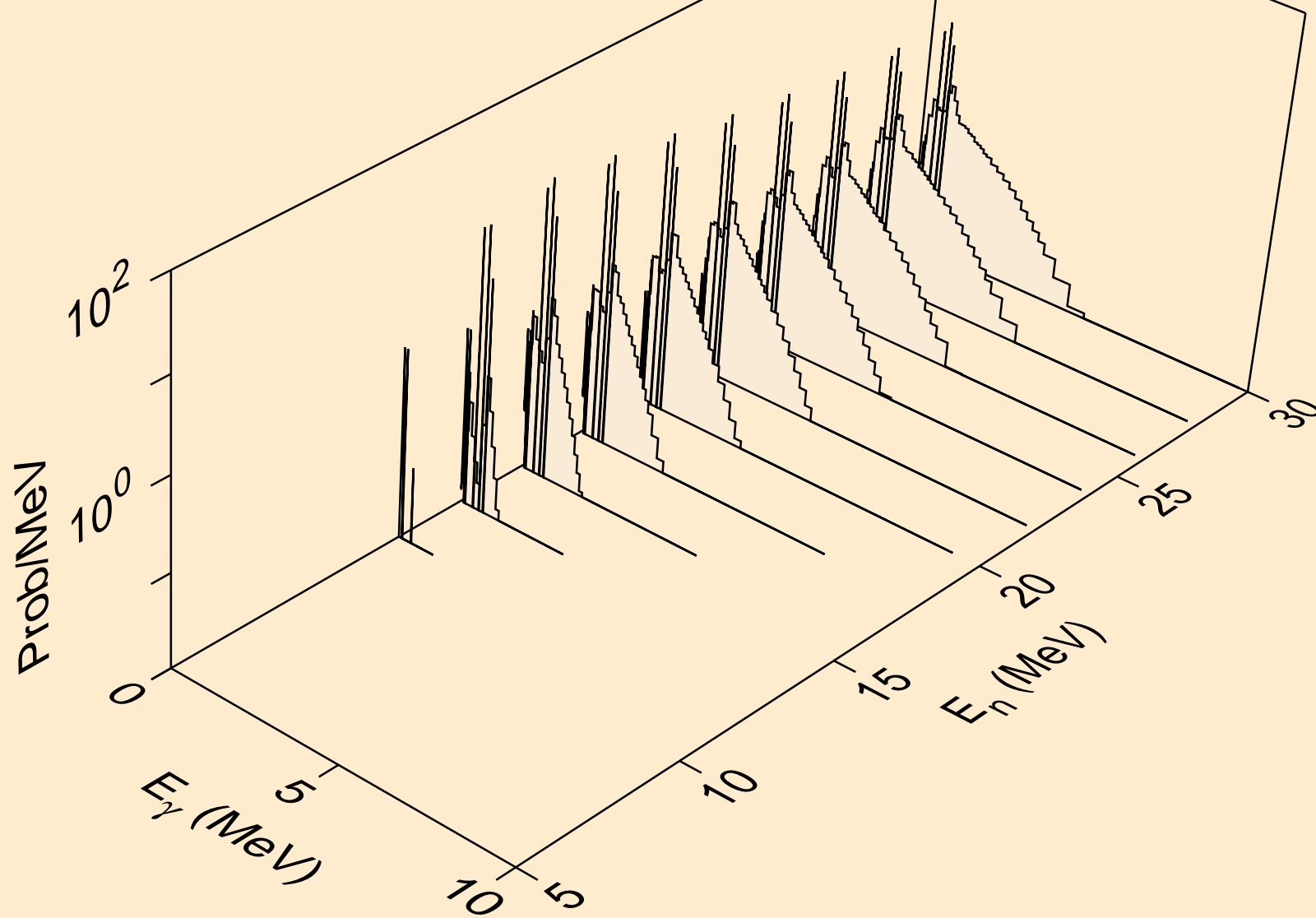
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



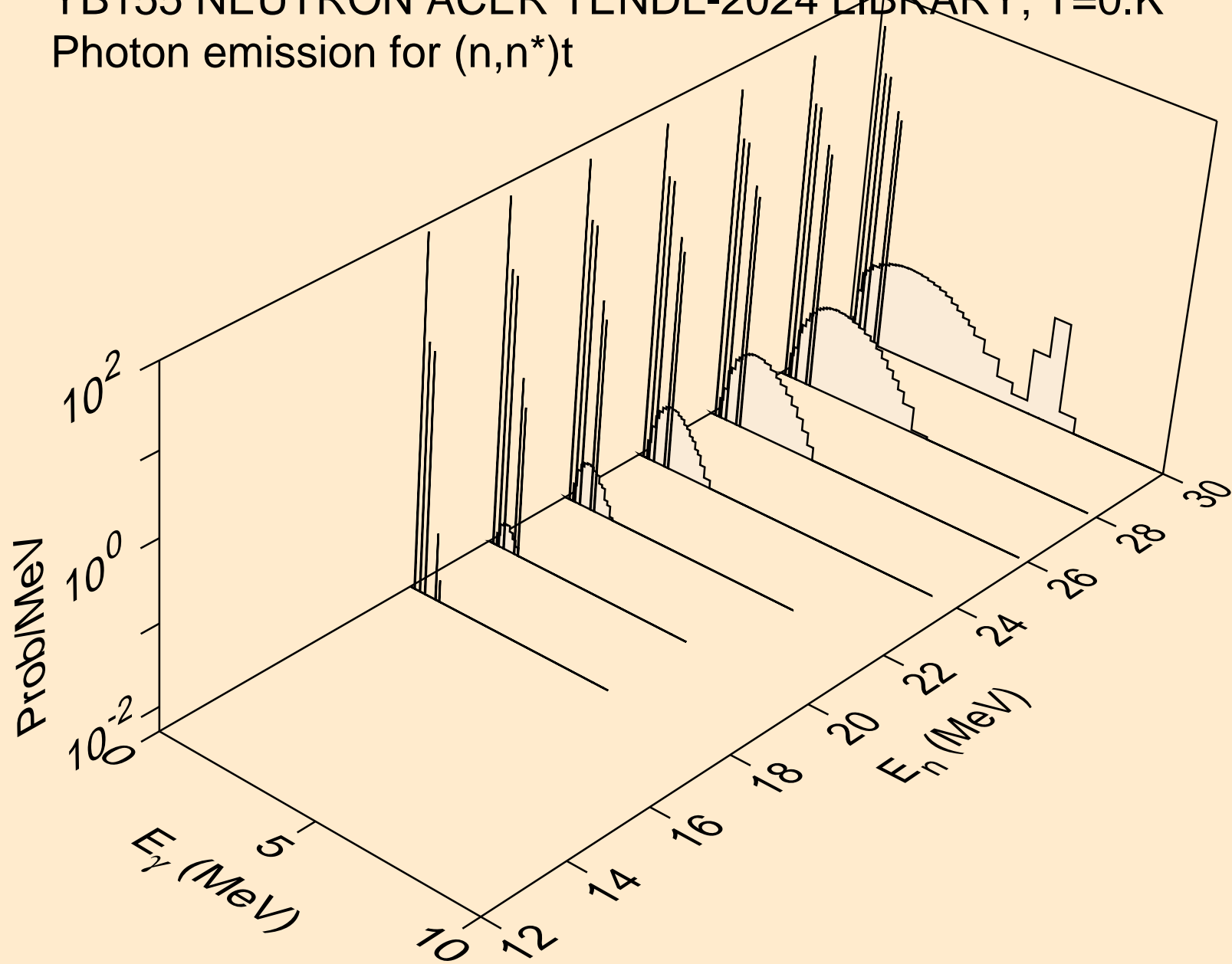
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

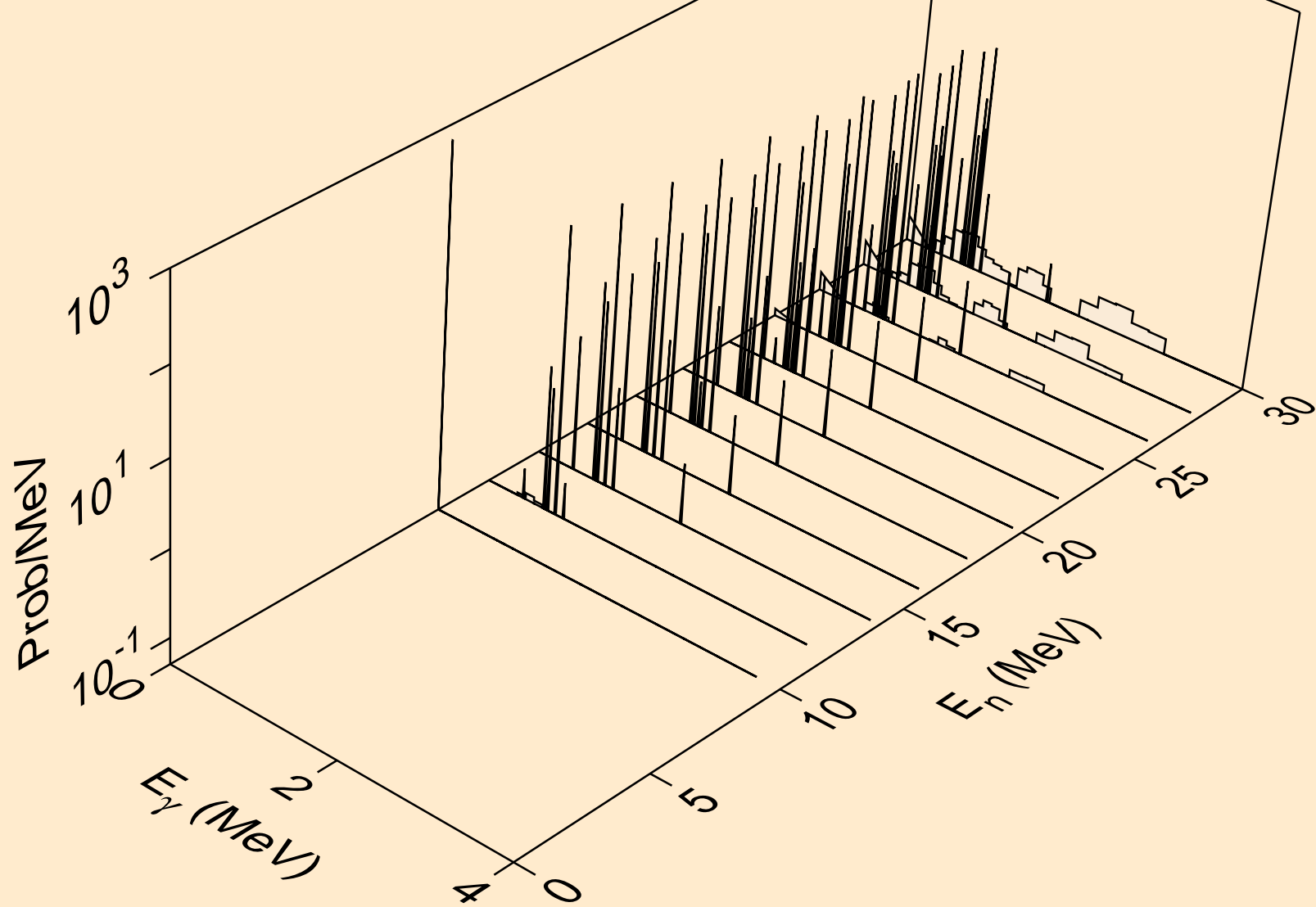


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

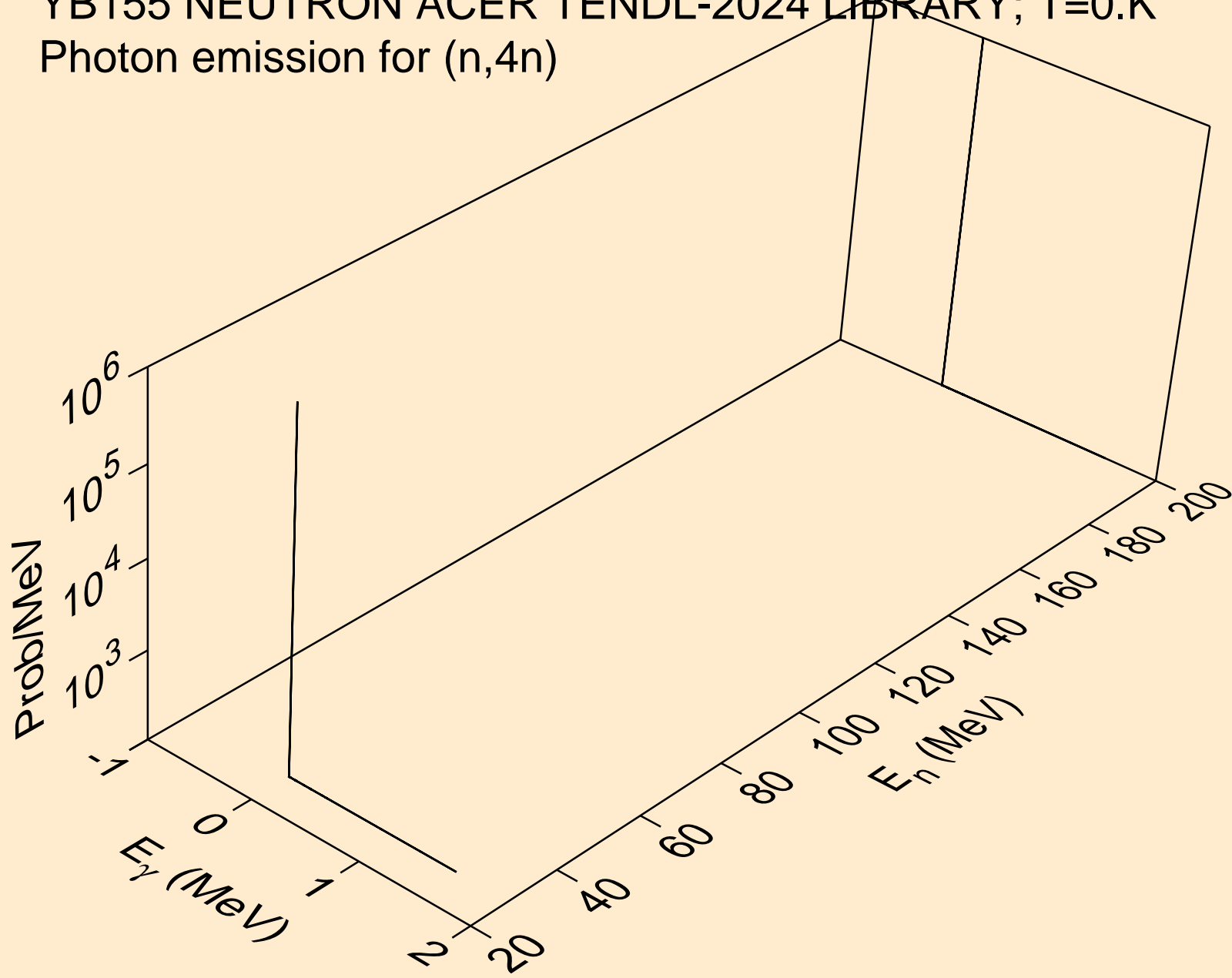




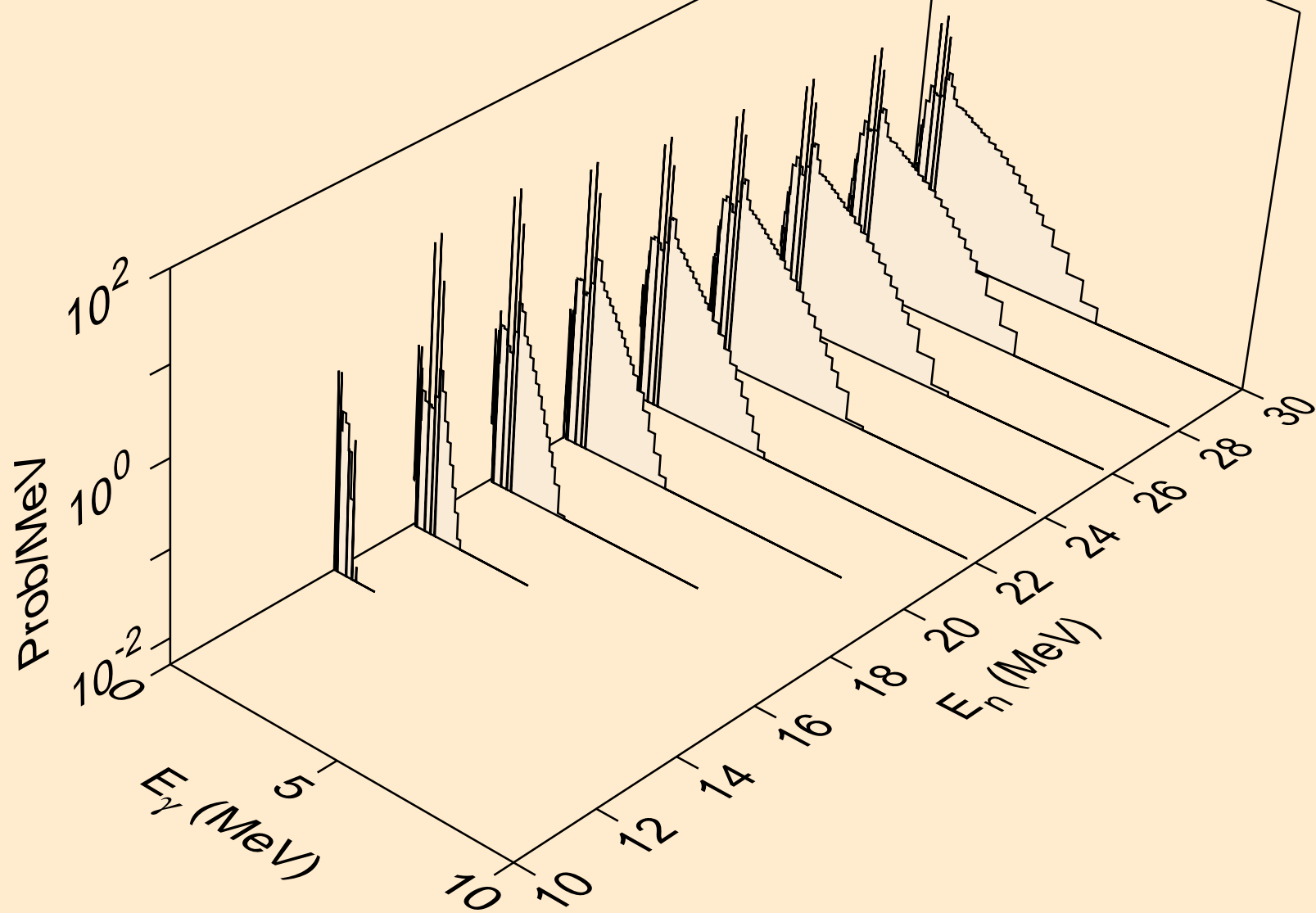
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



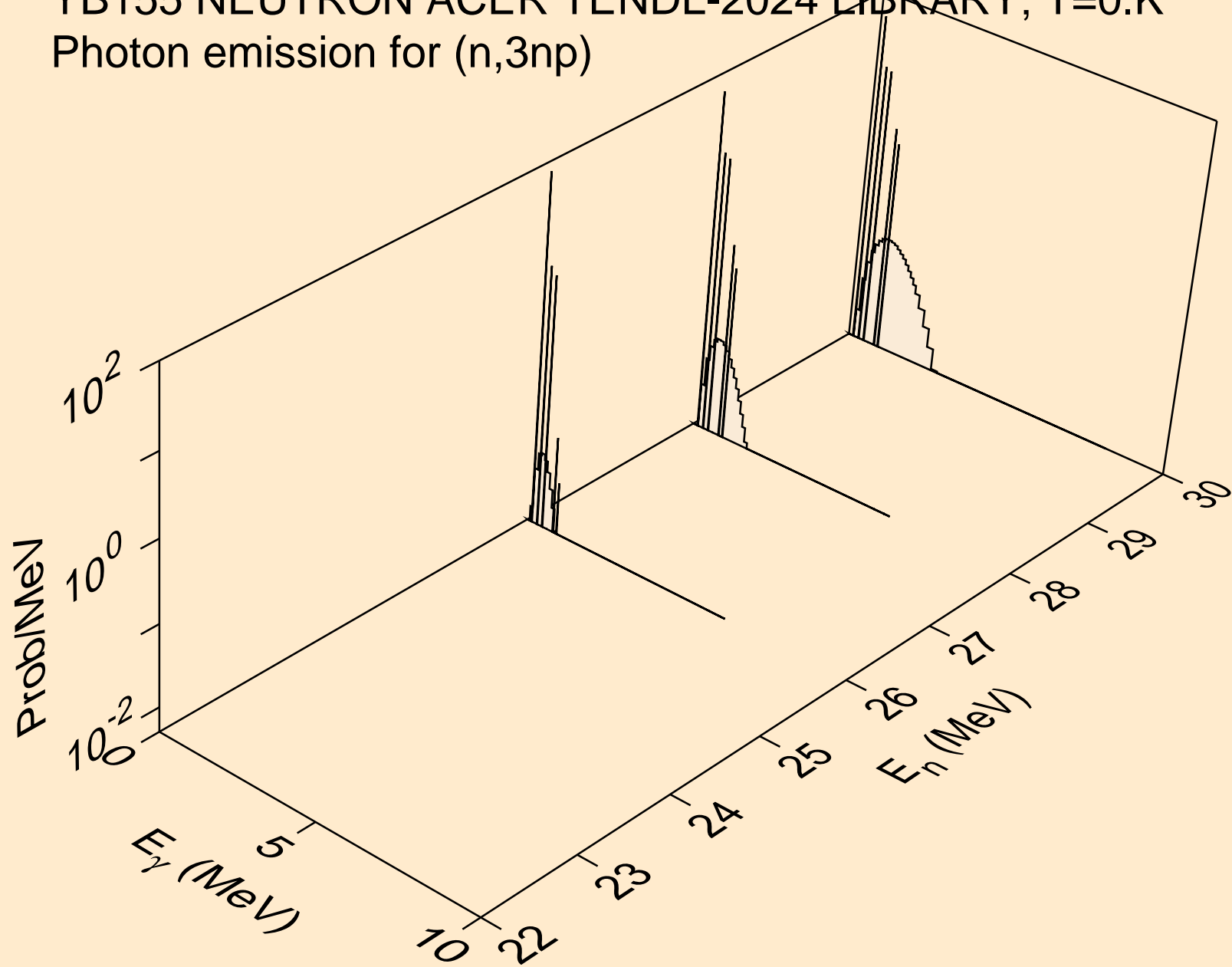
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



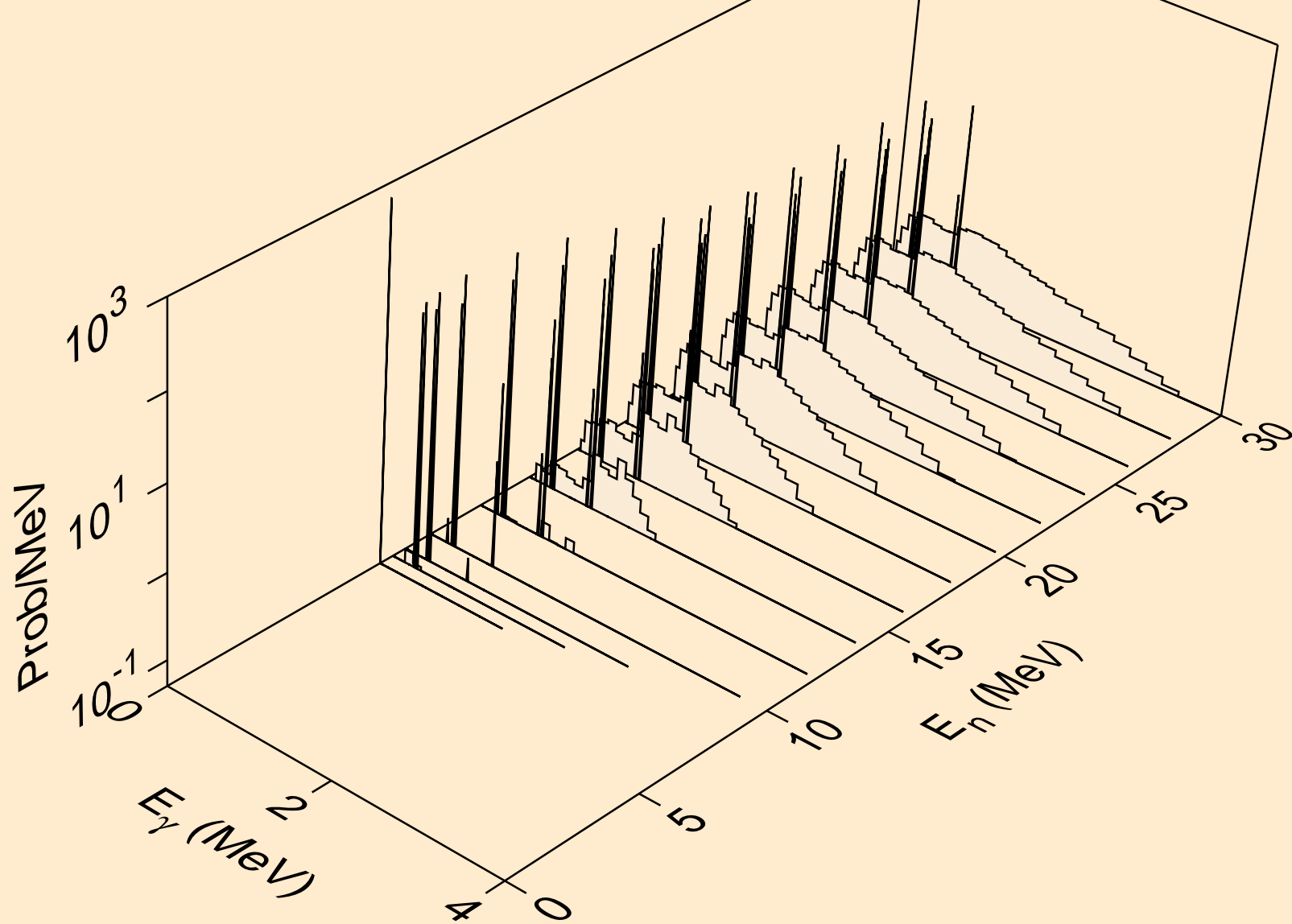
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



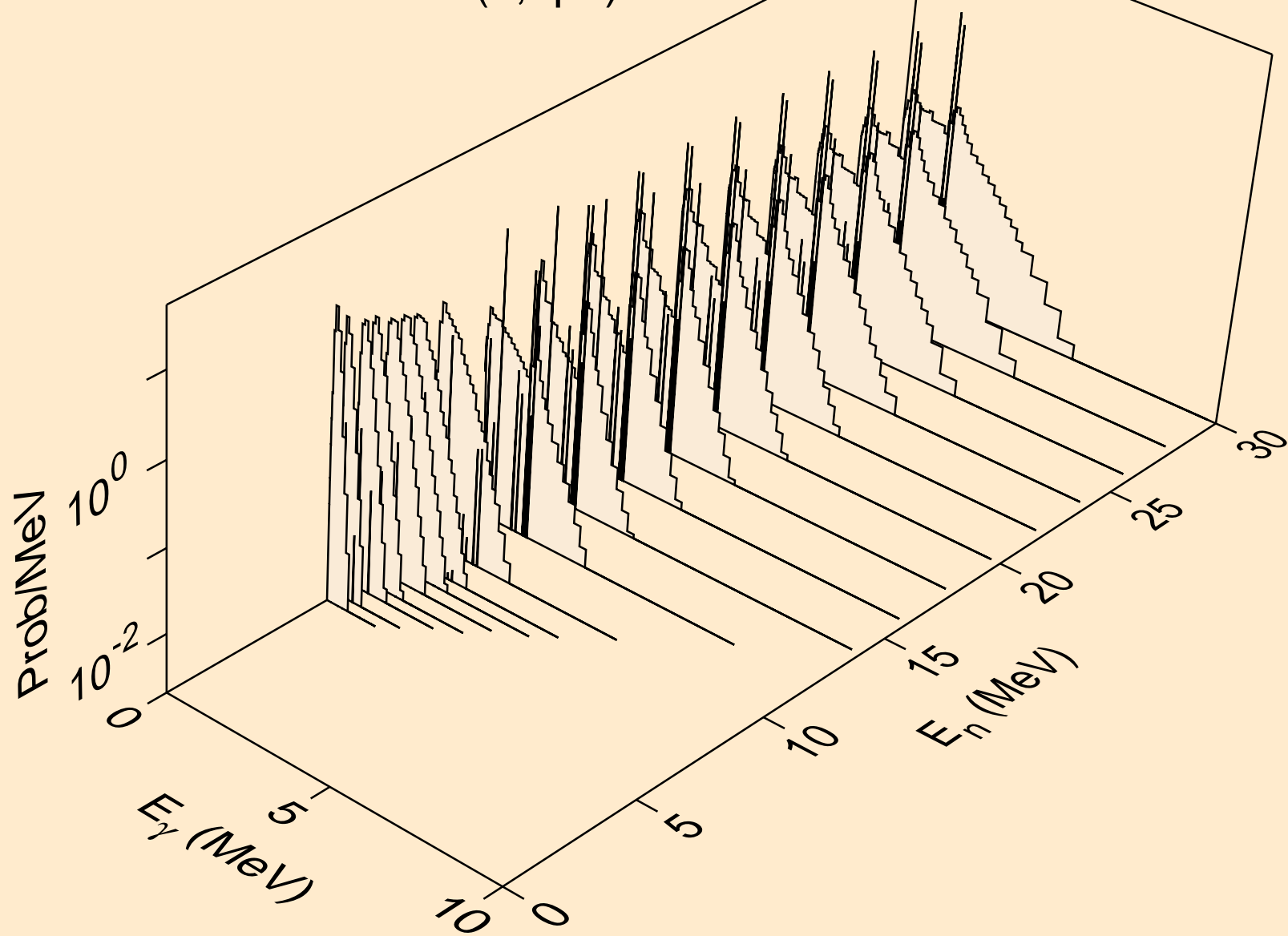
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



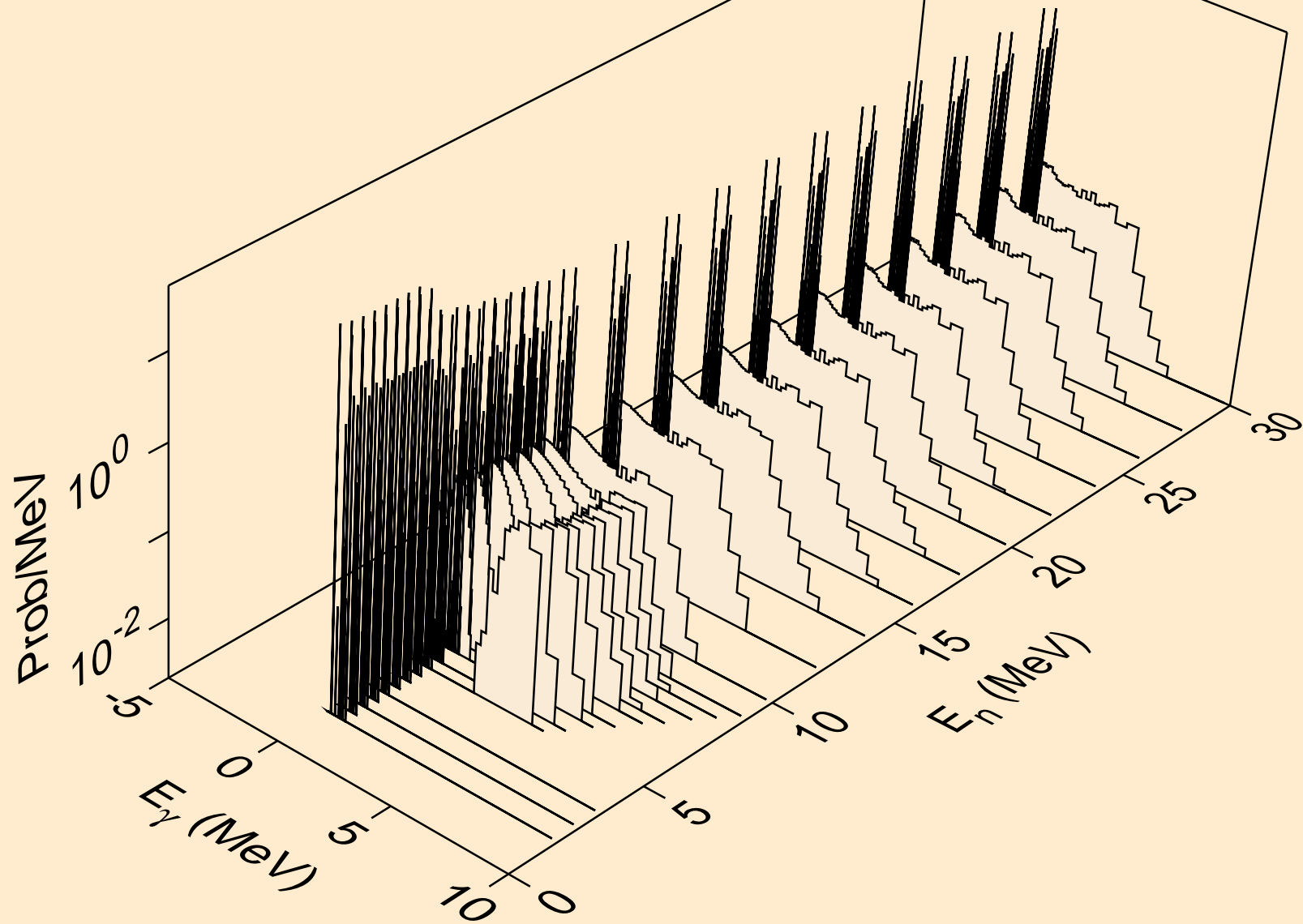
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



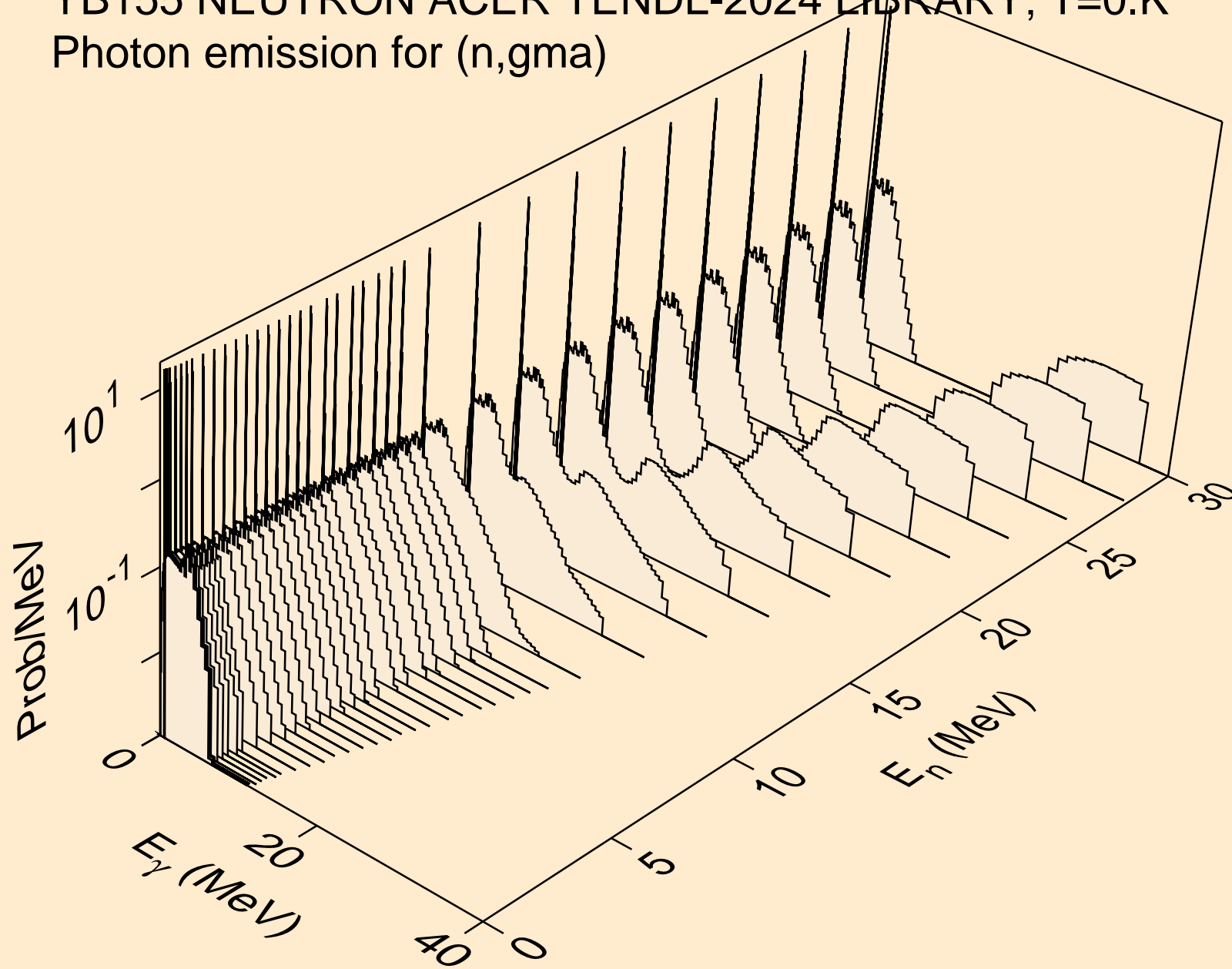
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

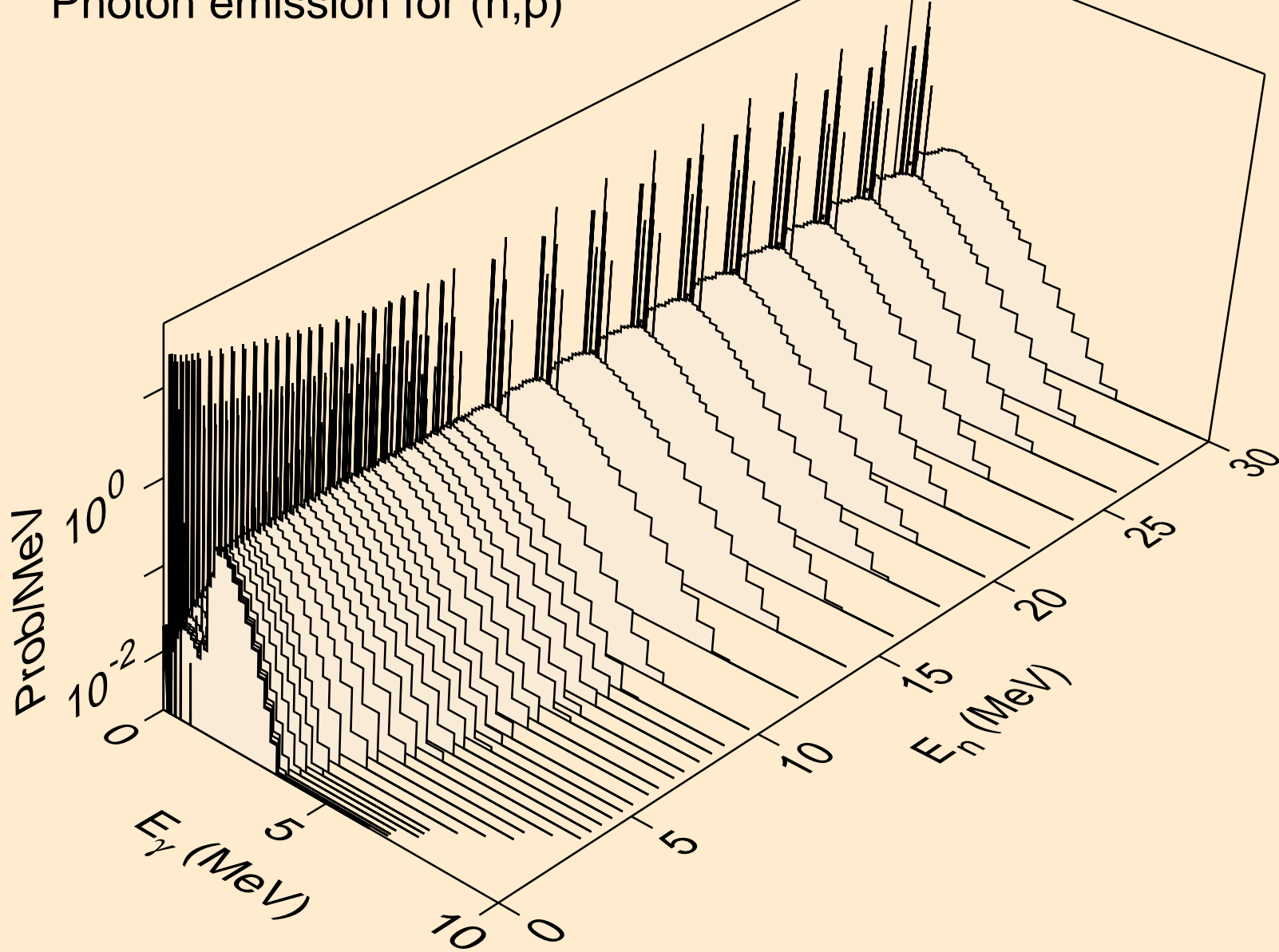


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

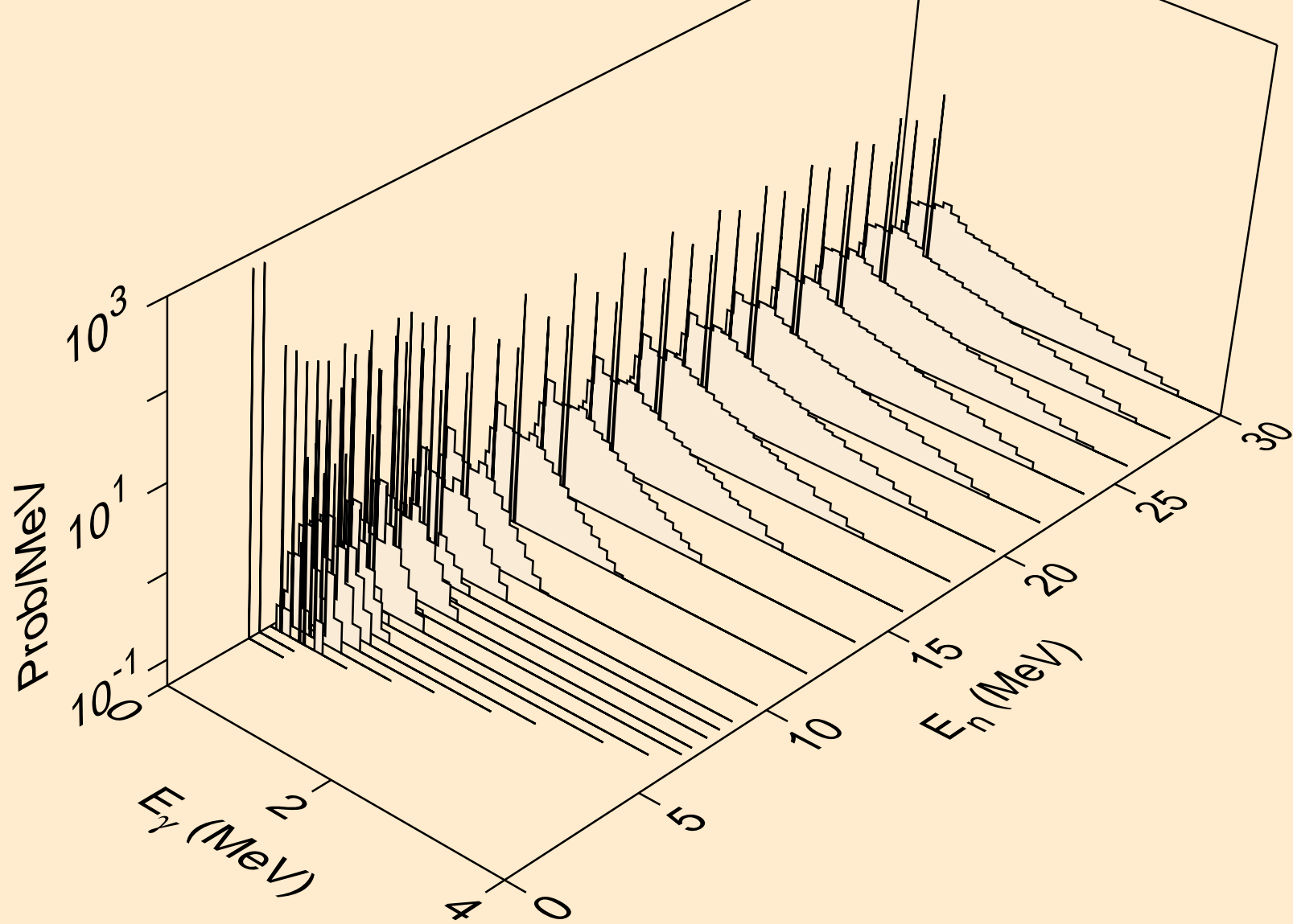




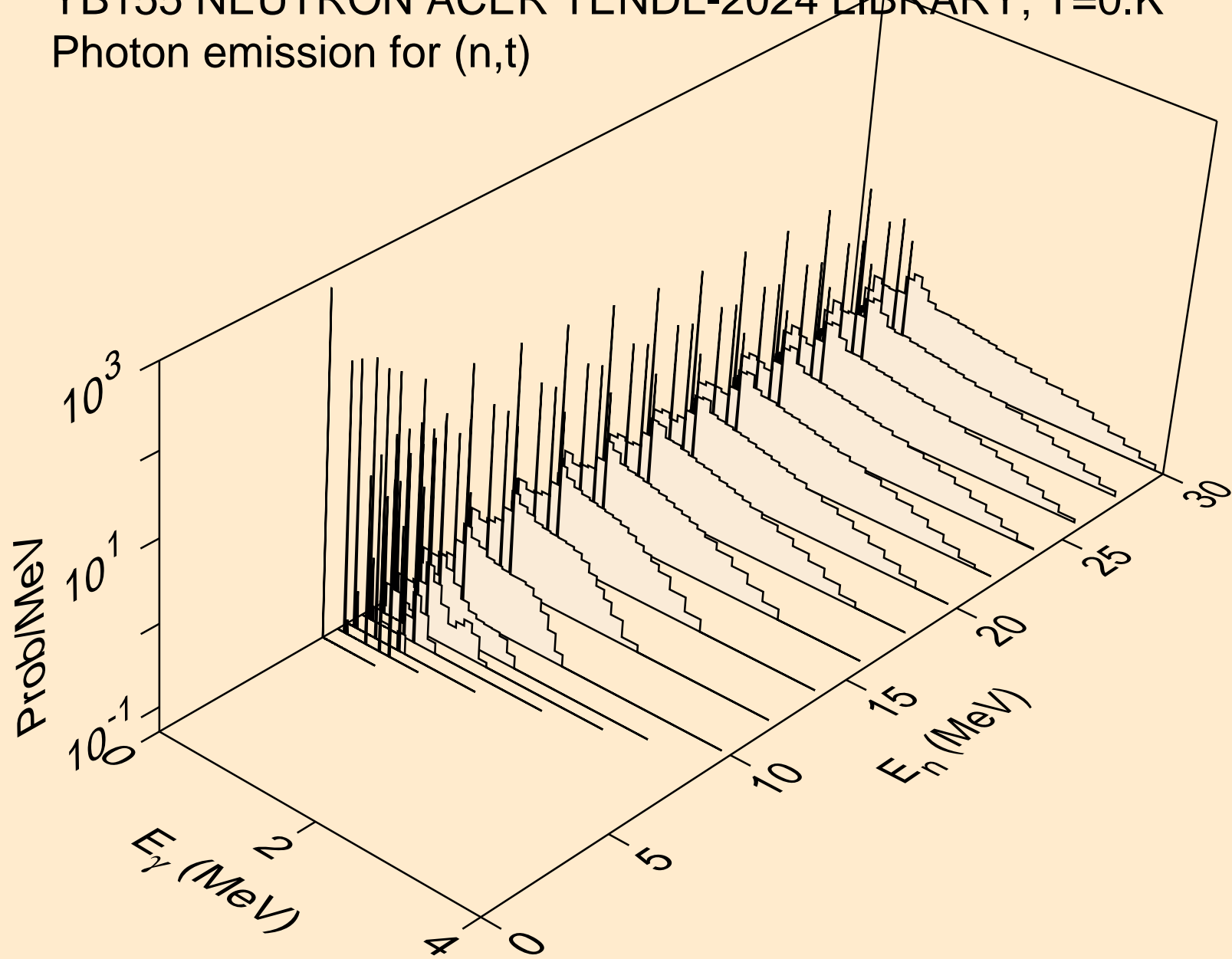
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



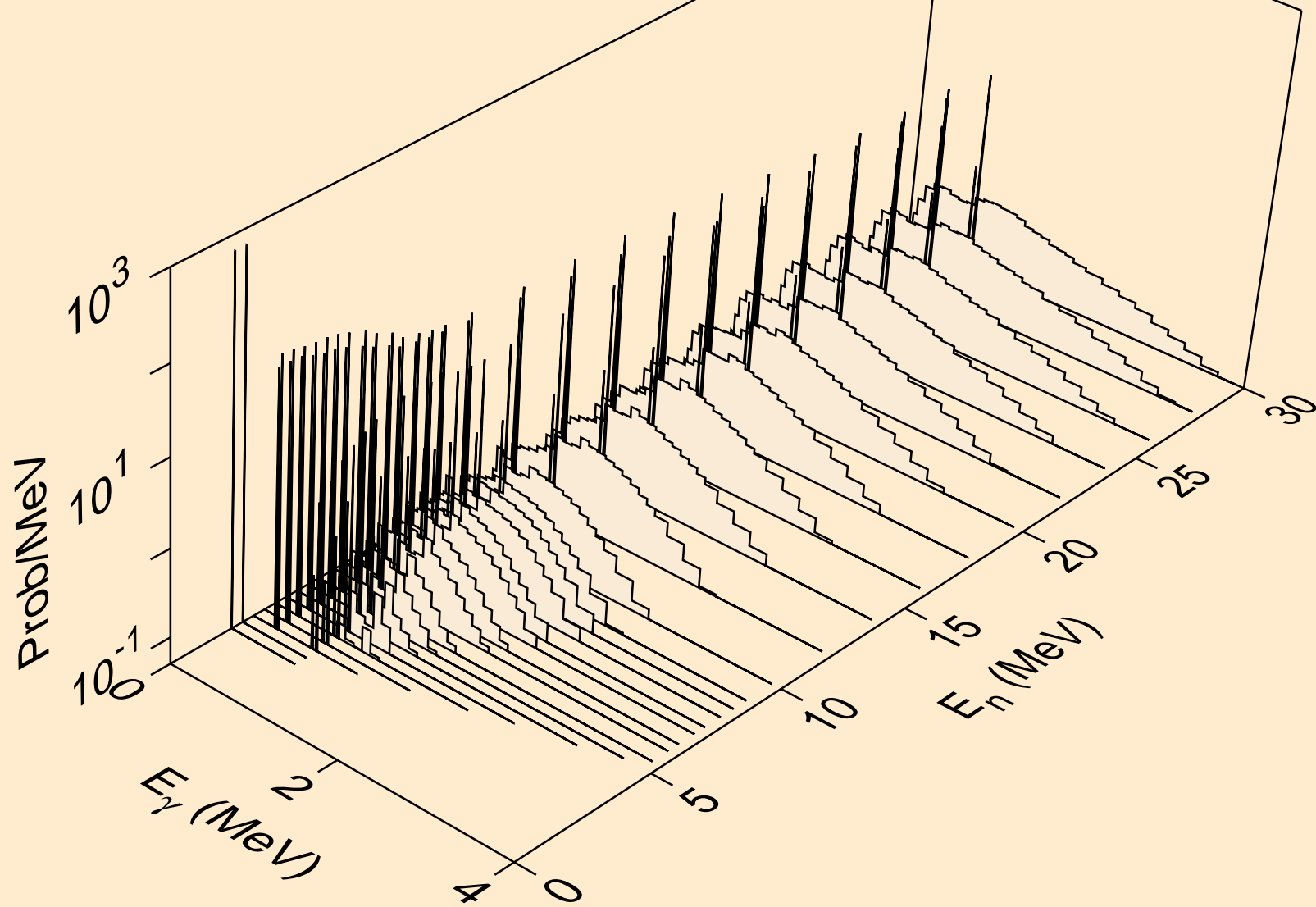
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



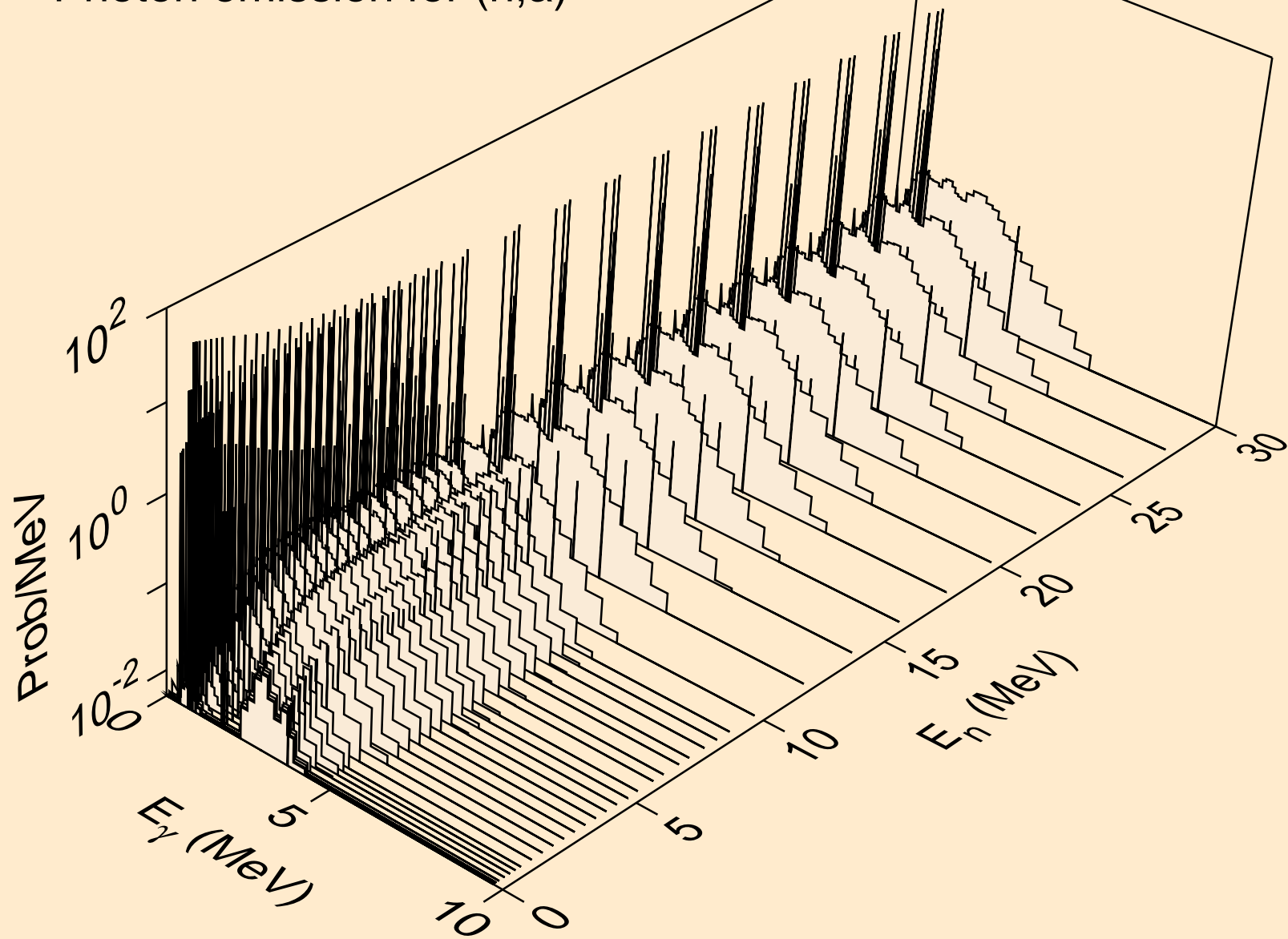
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



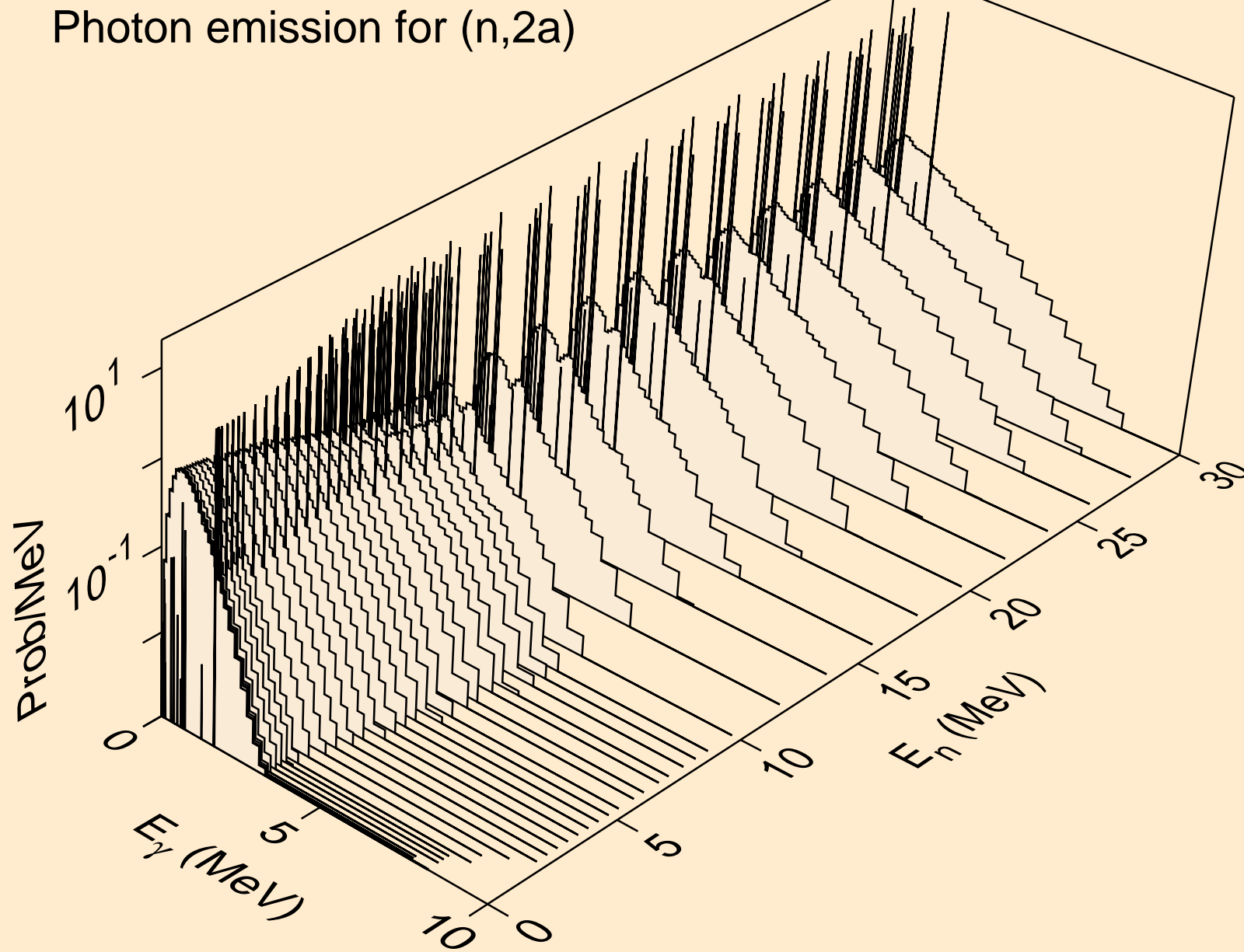
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



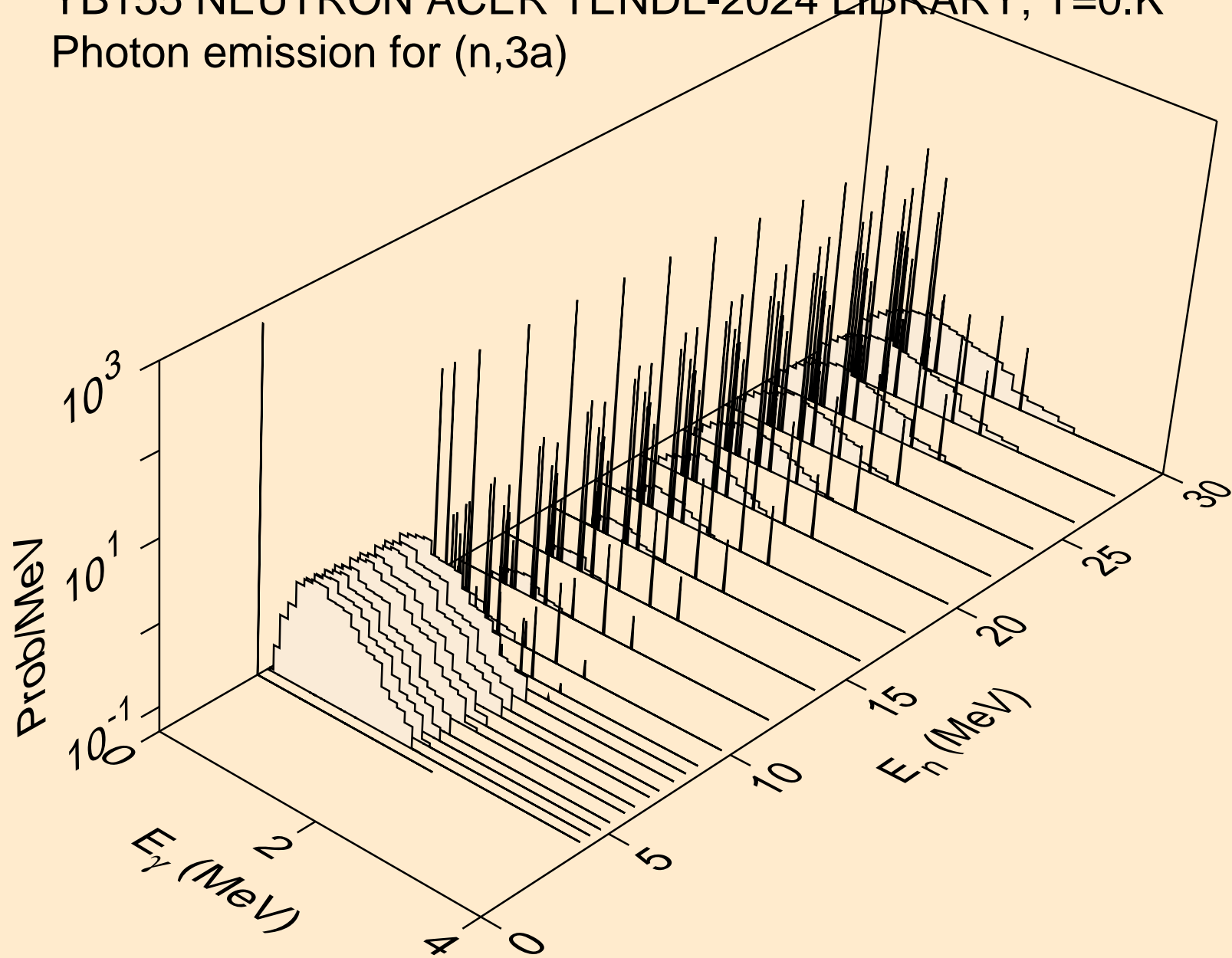
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



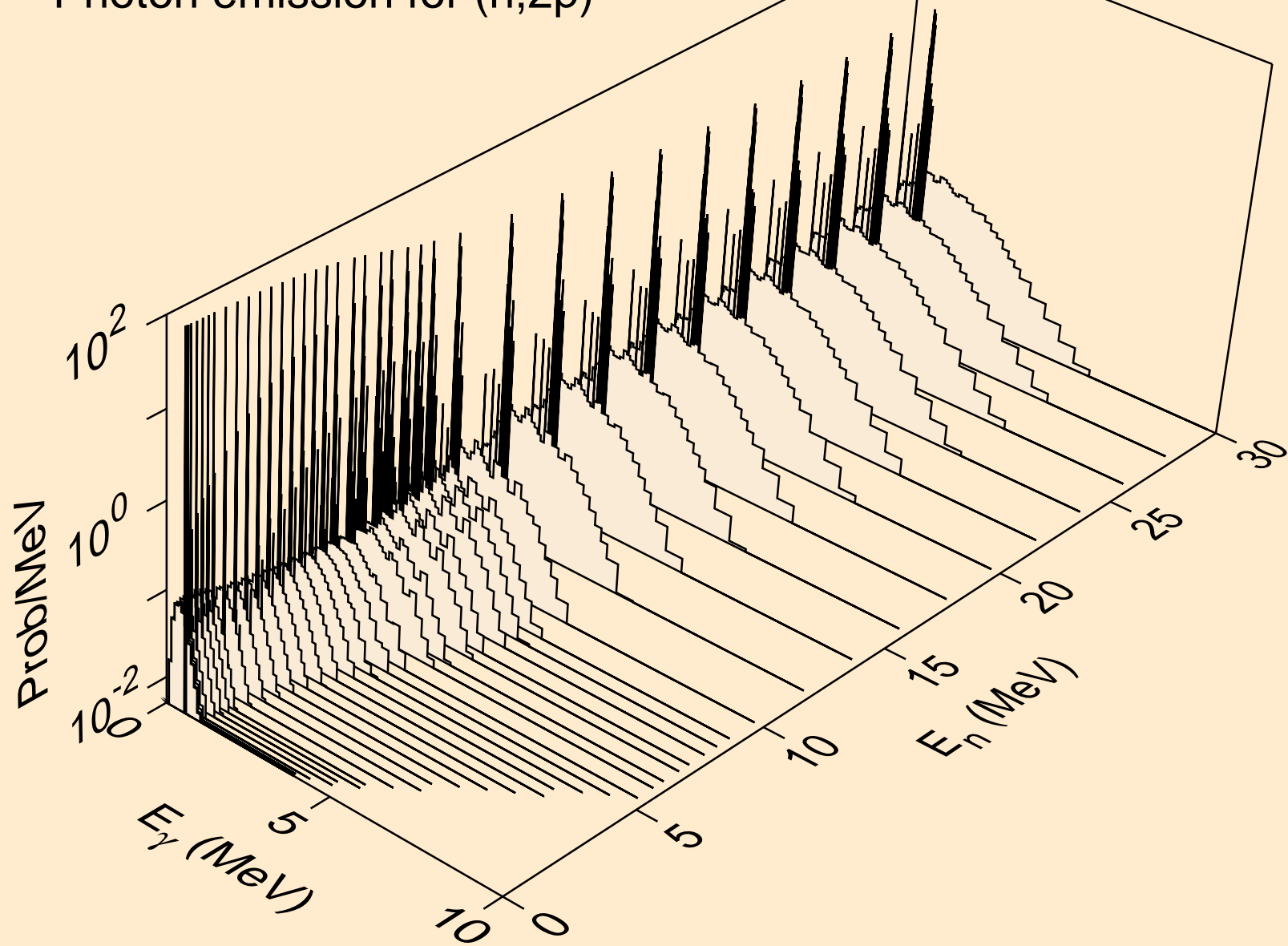
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)

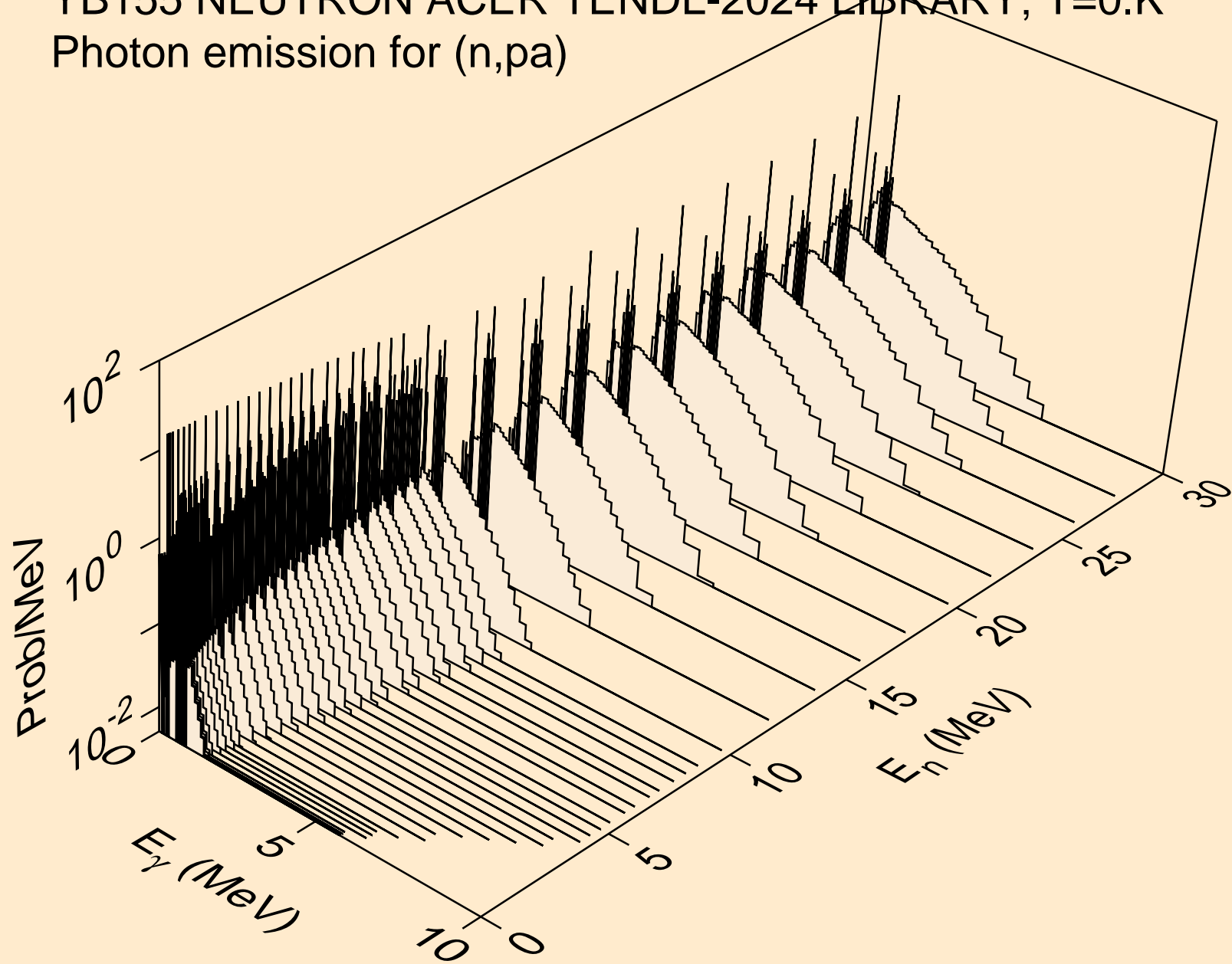


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

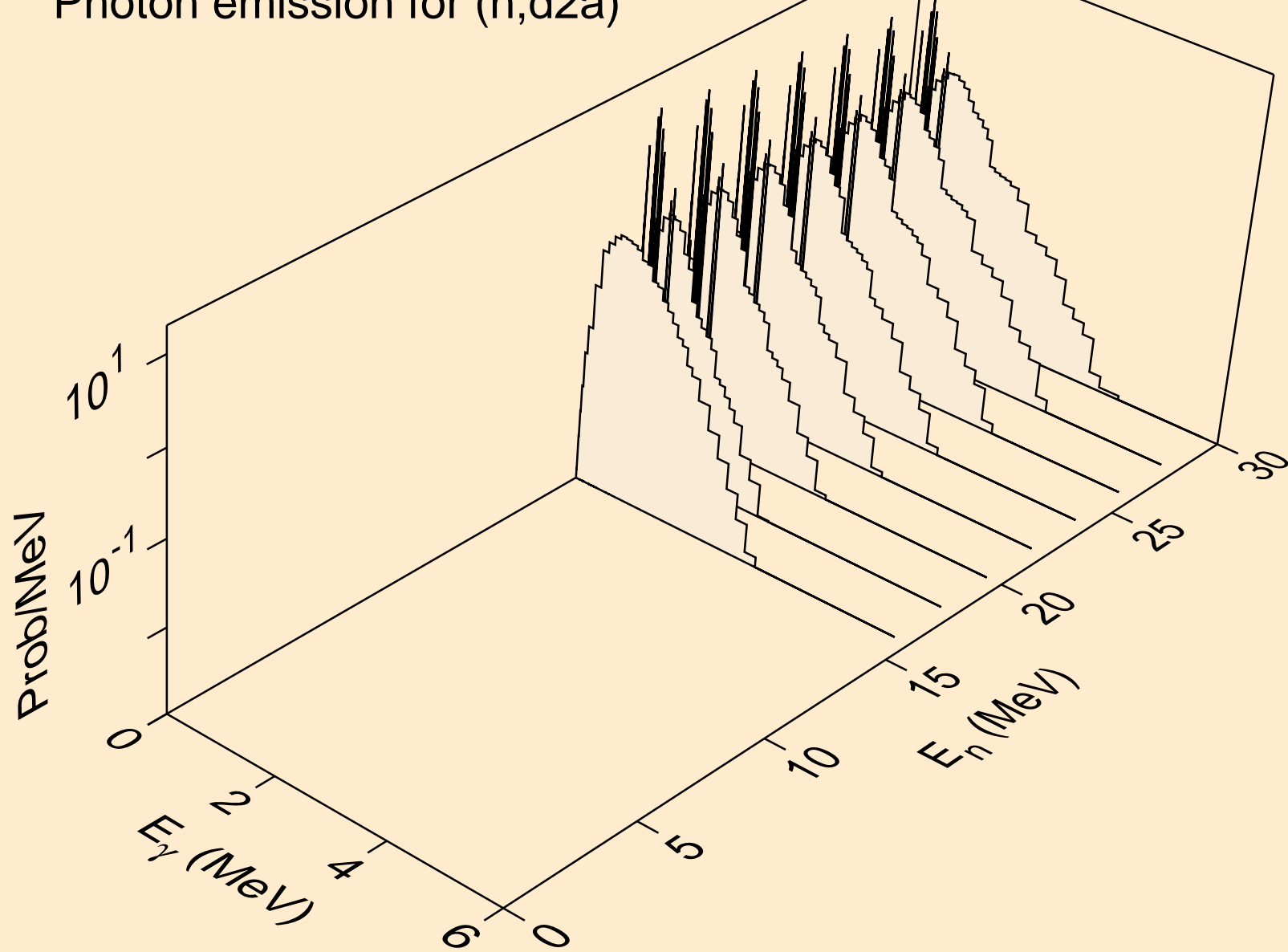




YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

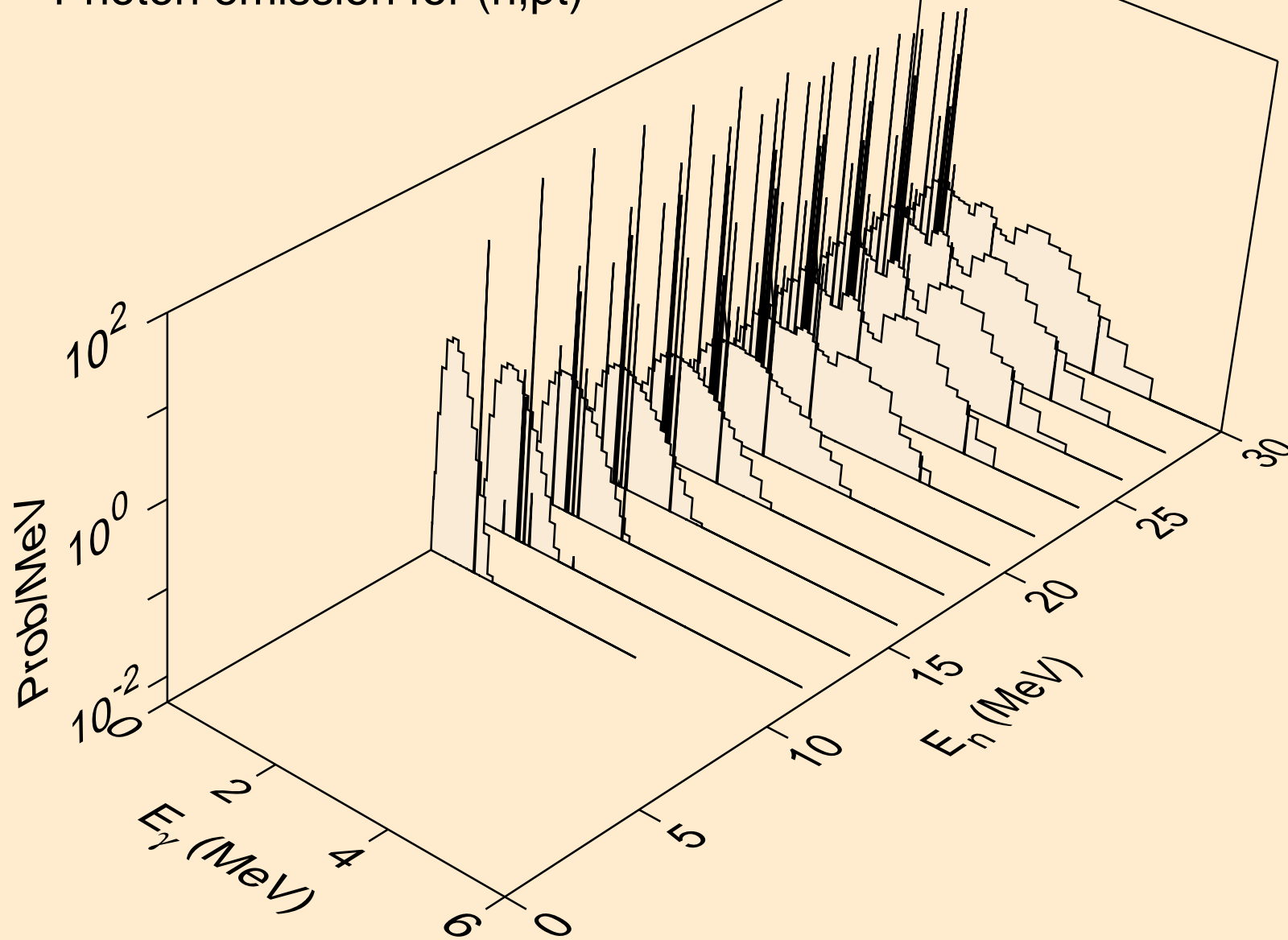


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)

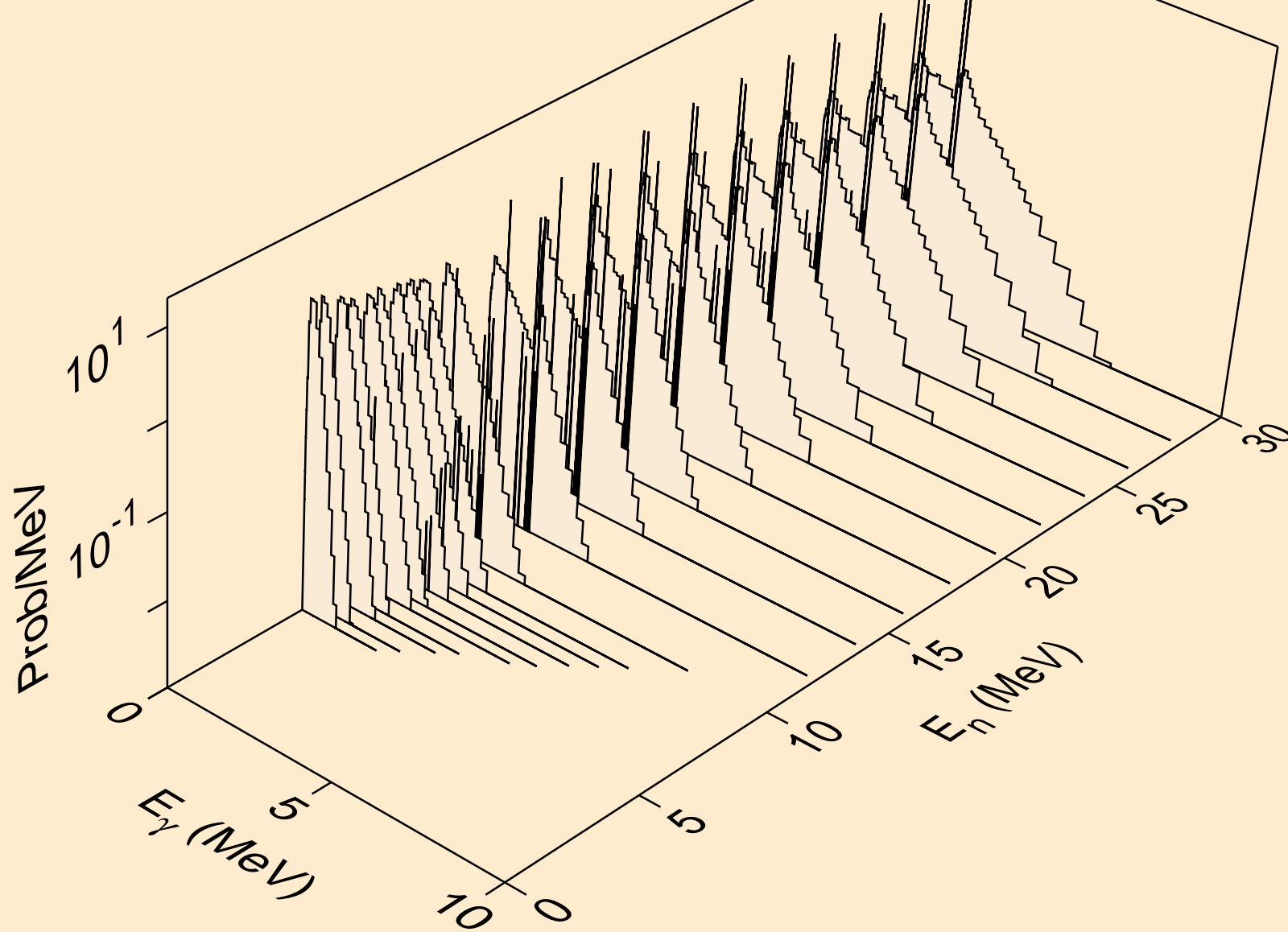




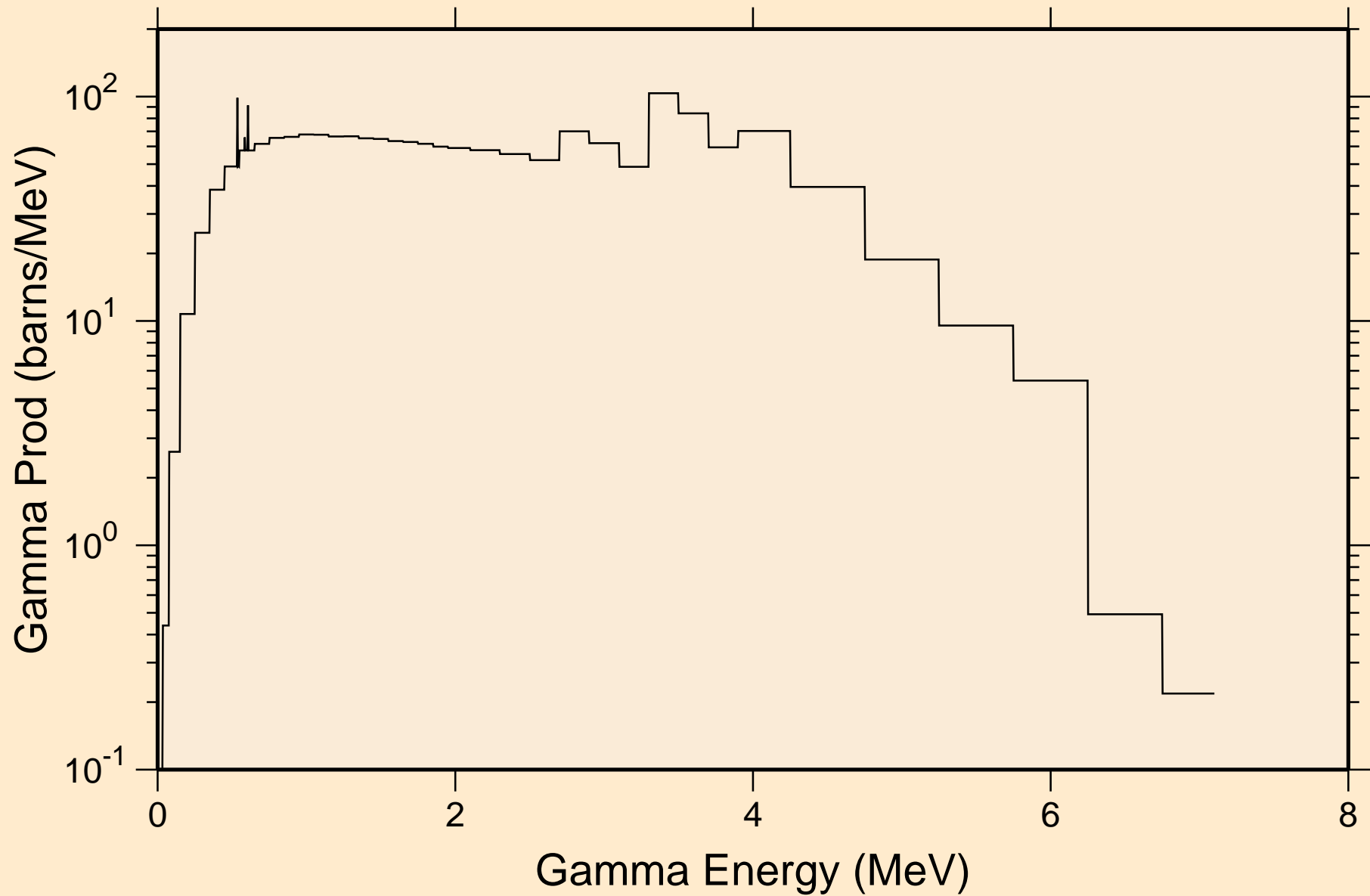
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



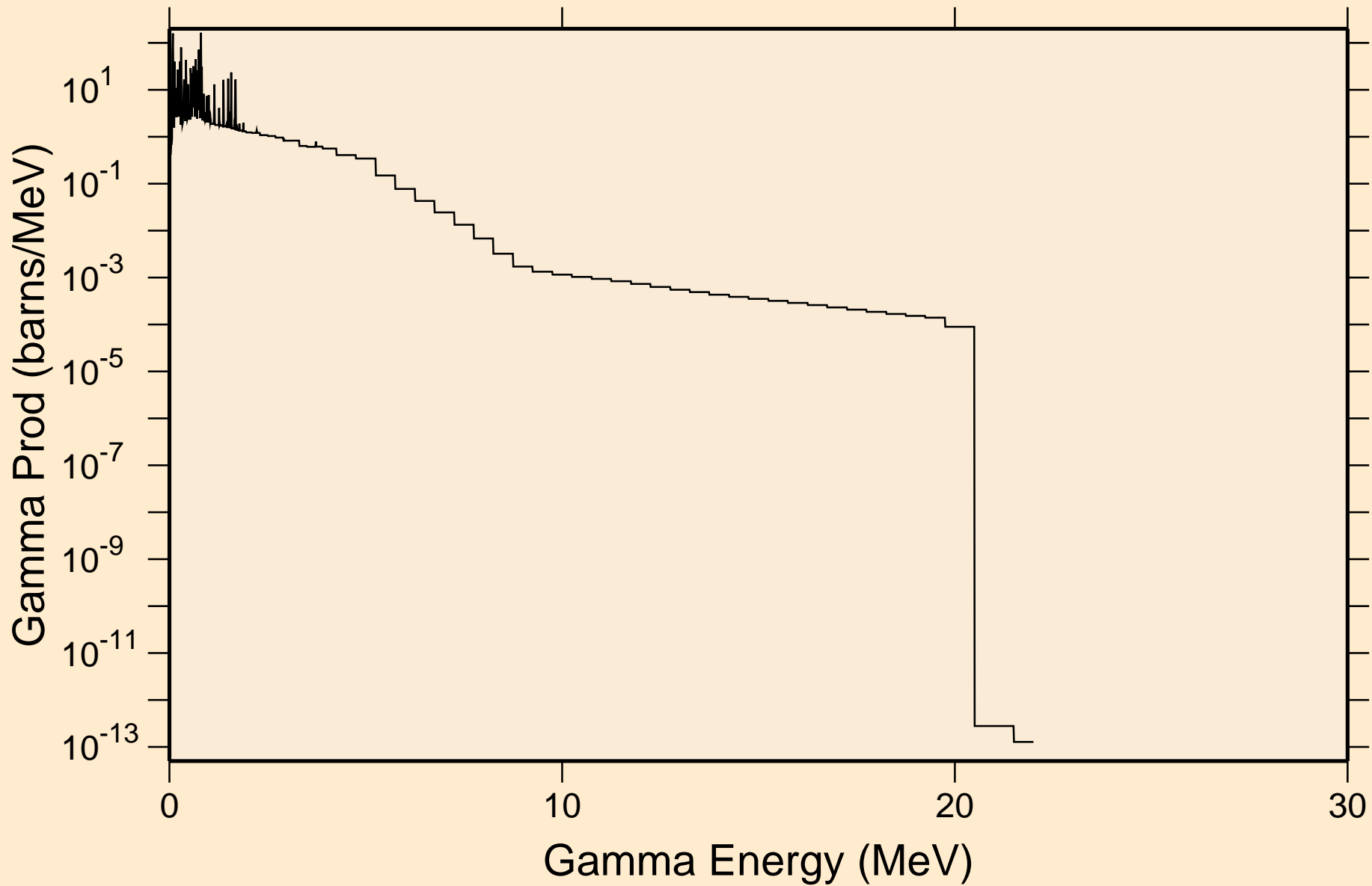
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

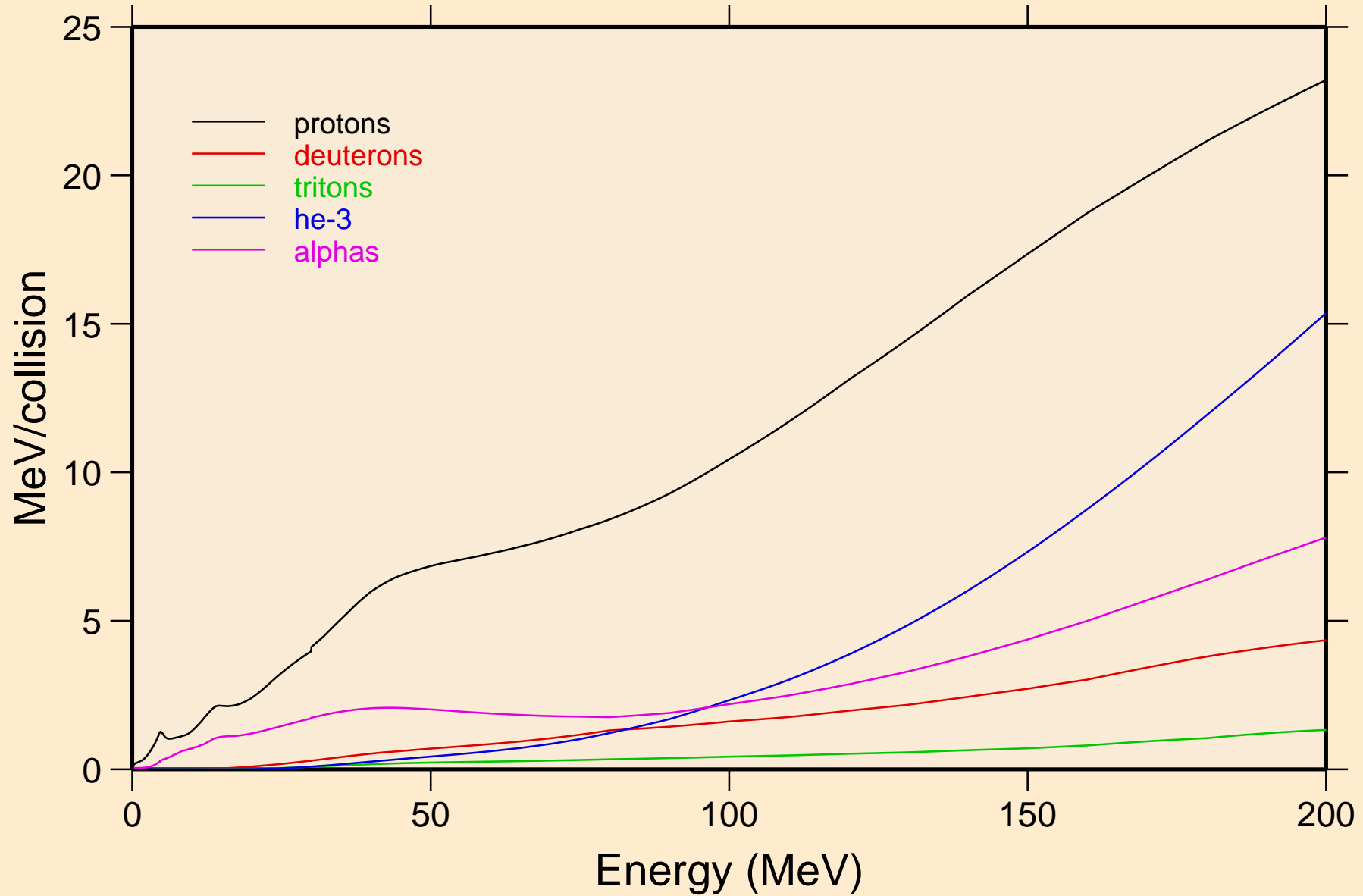


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



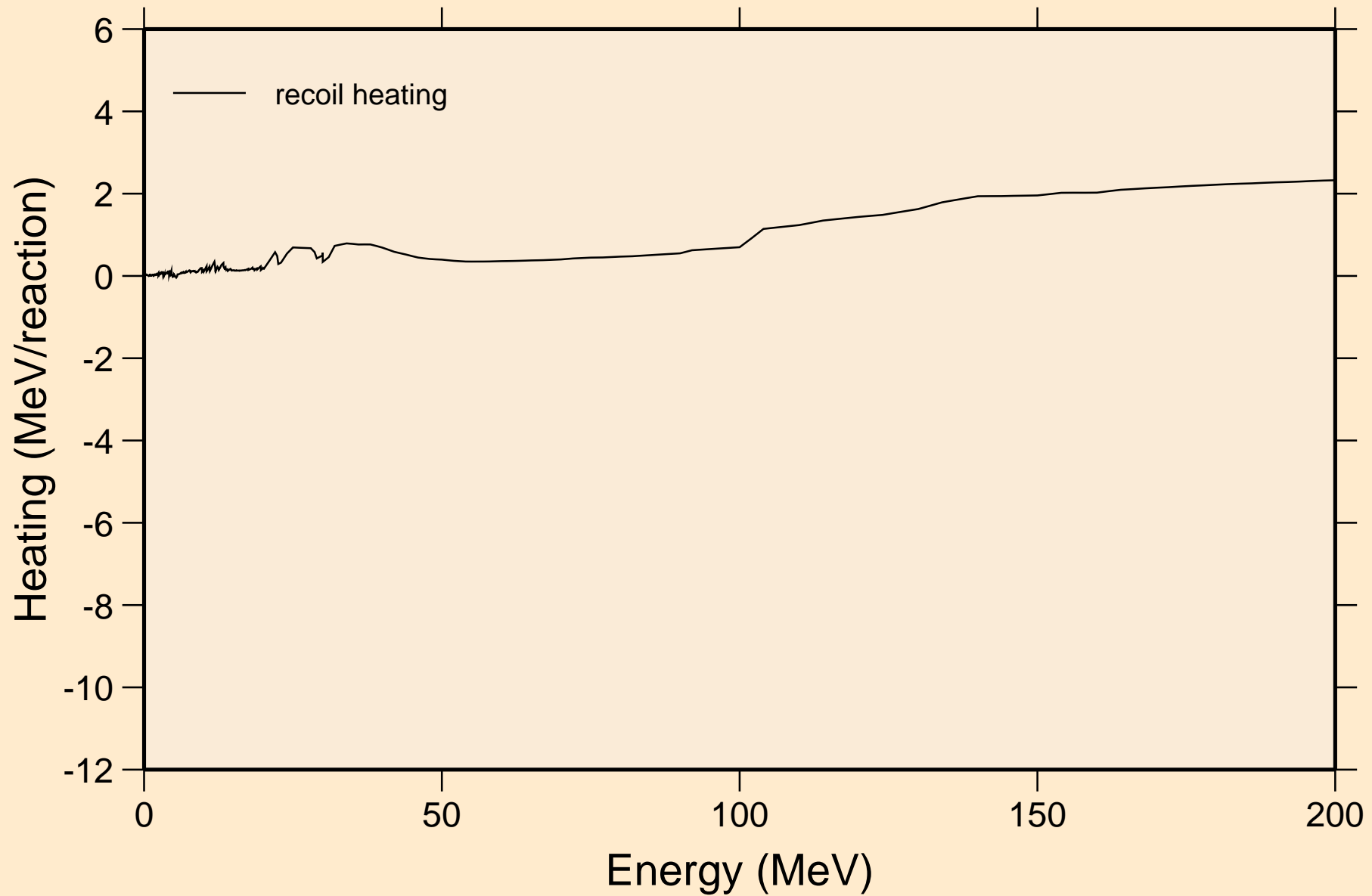
# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



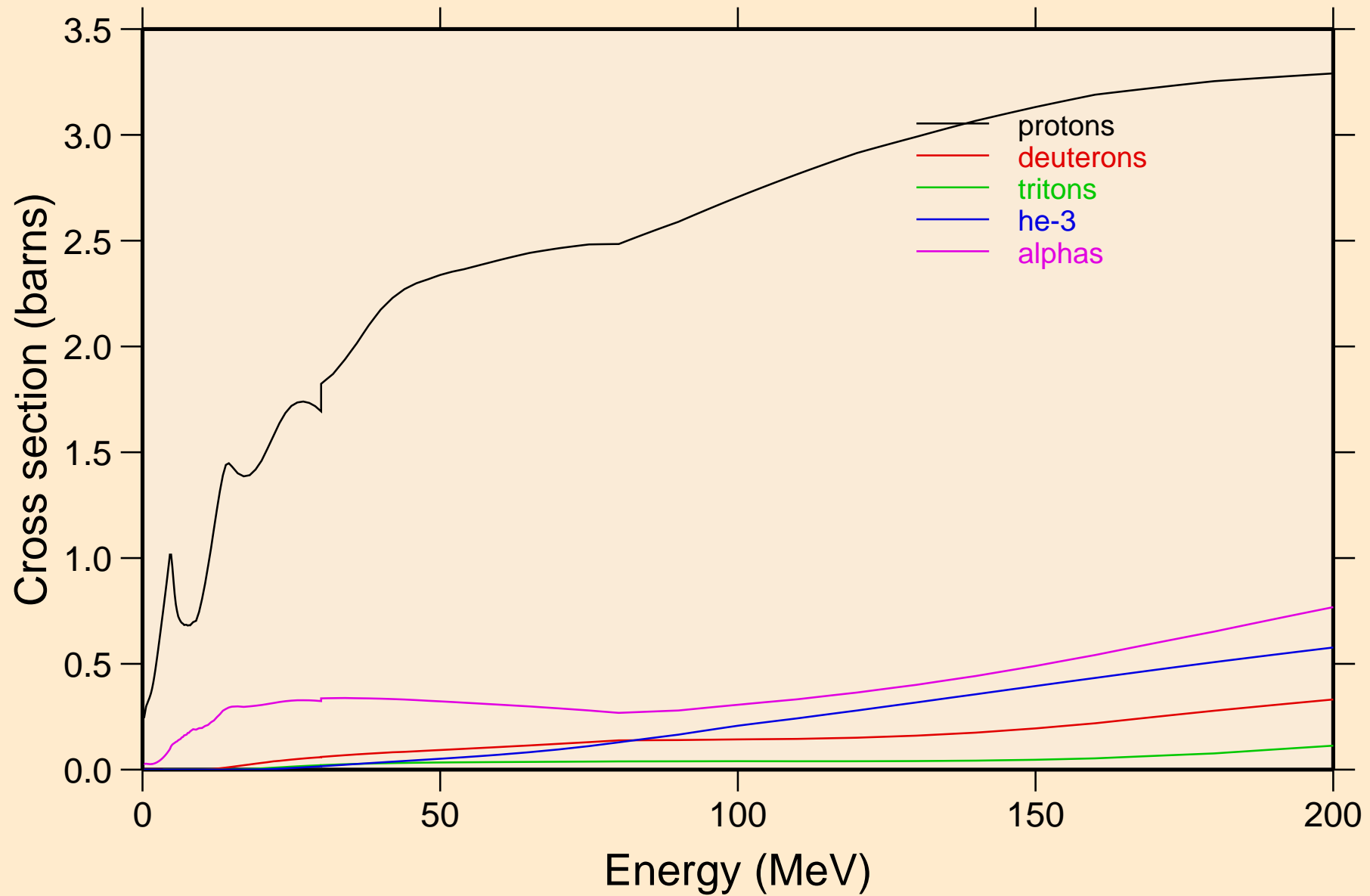


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

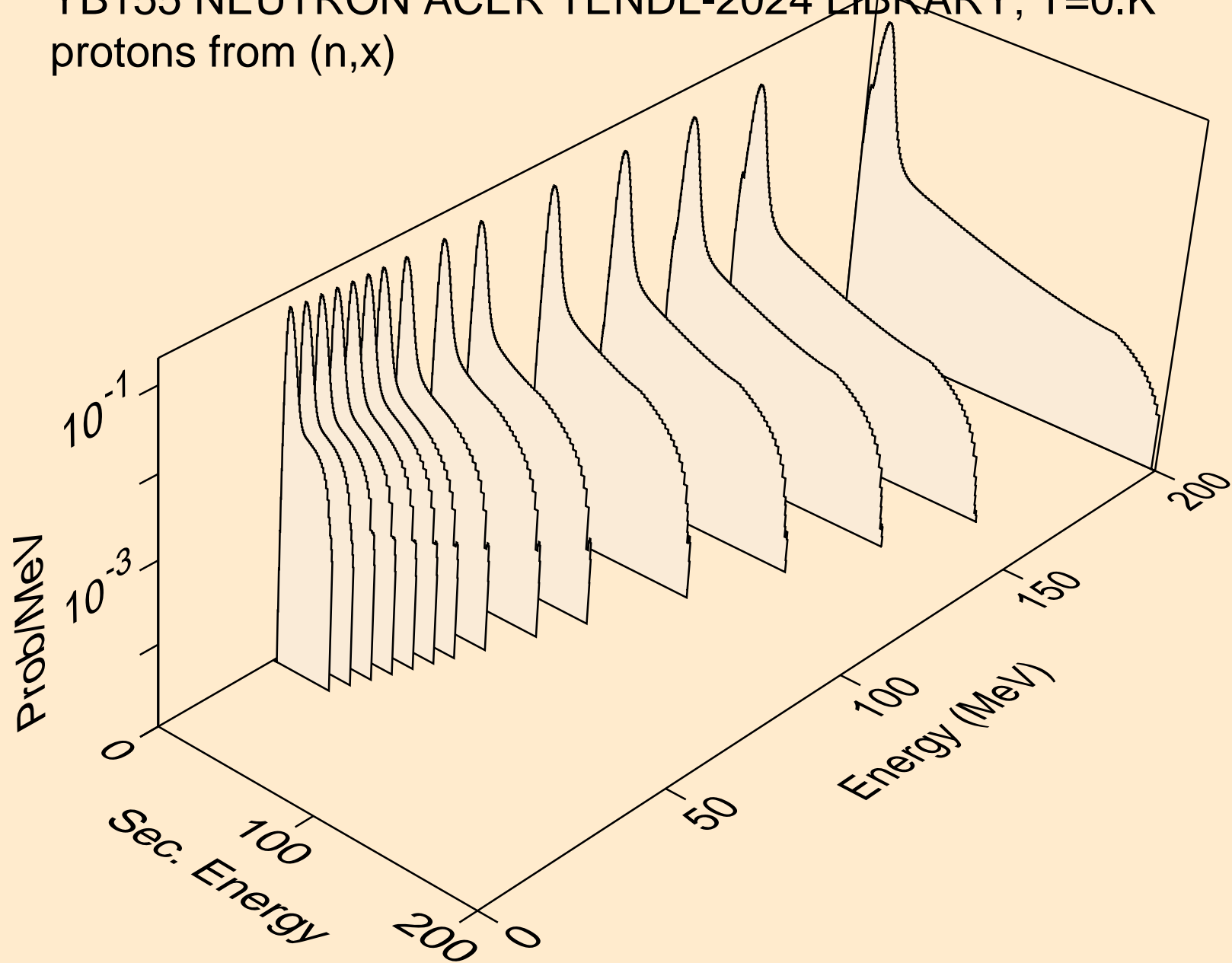


# YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

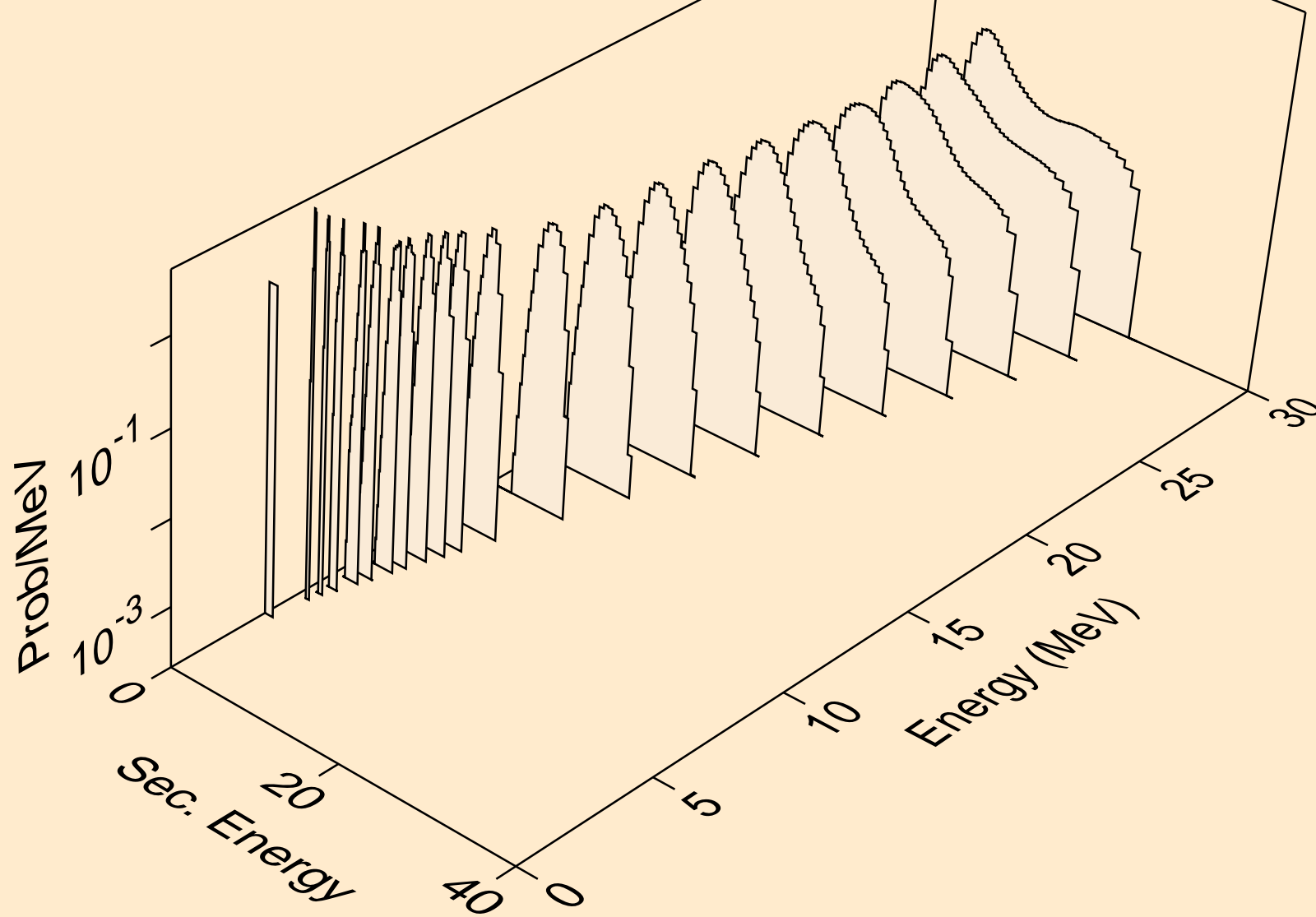
## Particle production cross sections



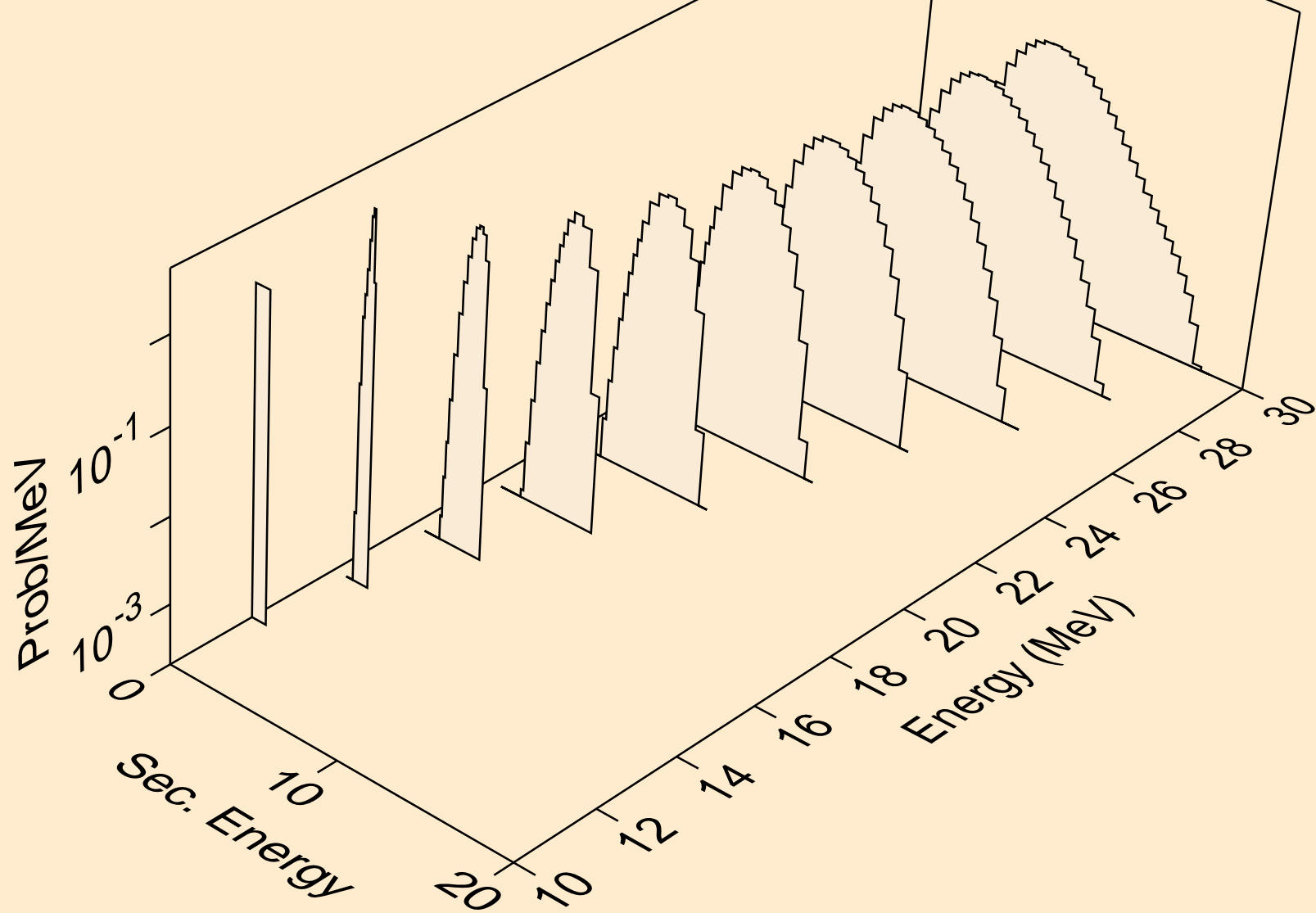
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



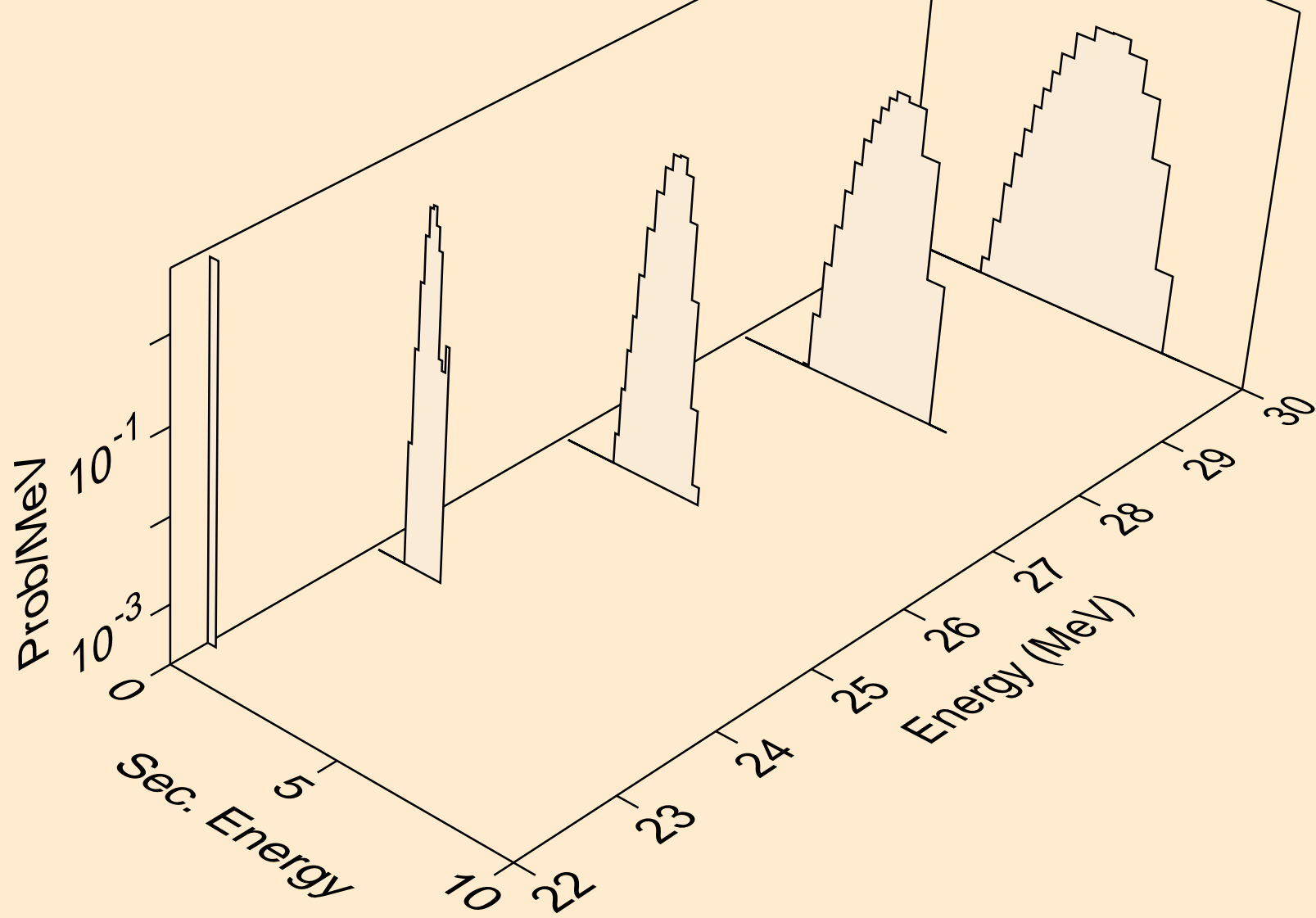
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



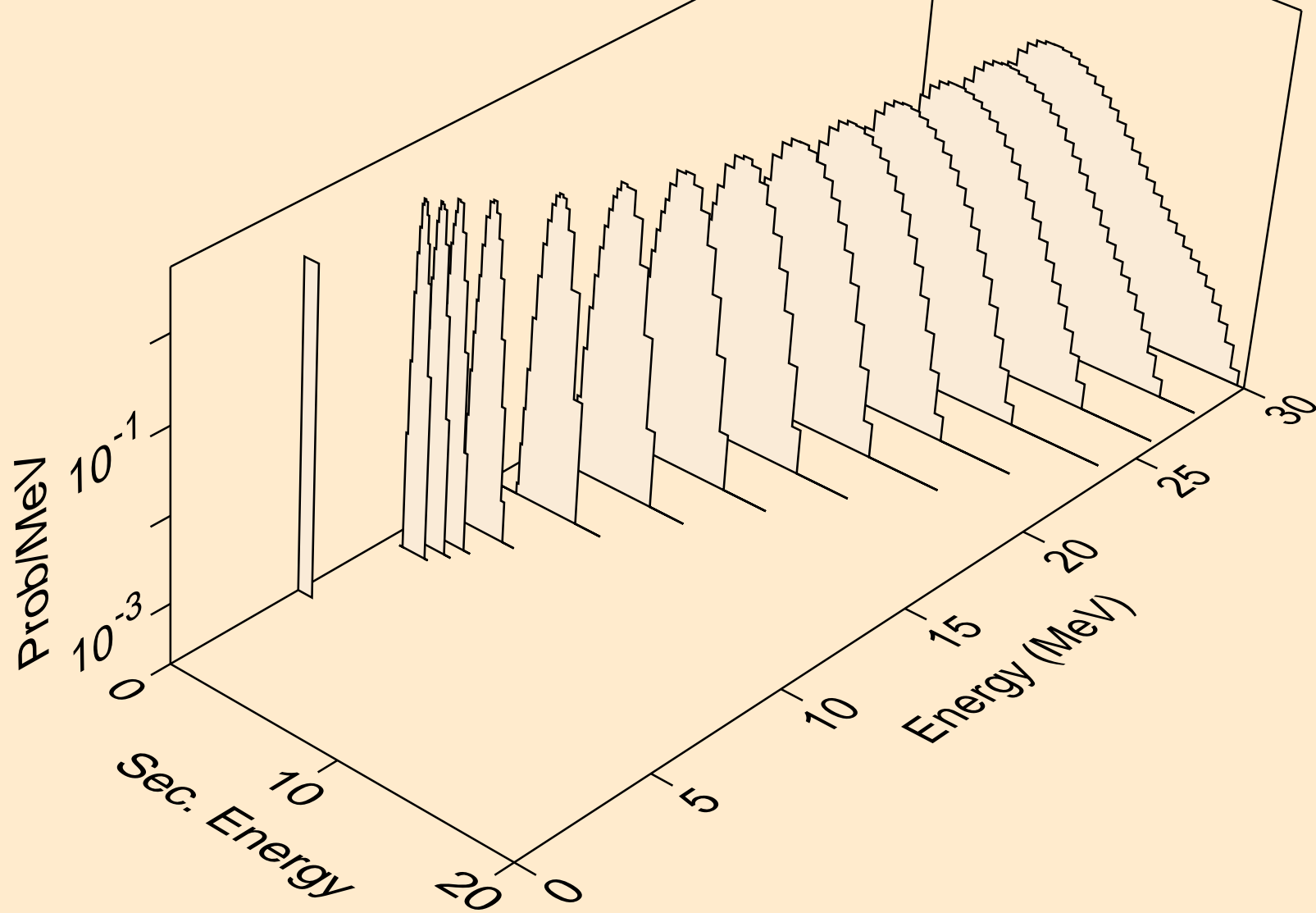
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



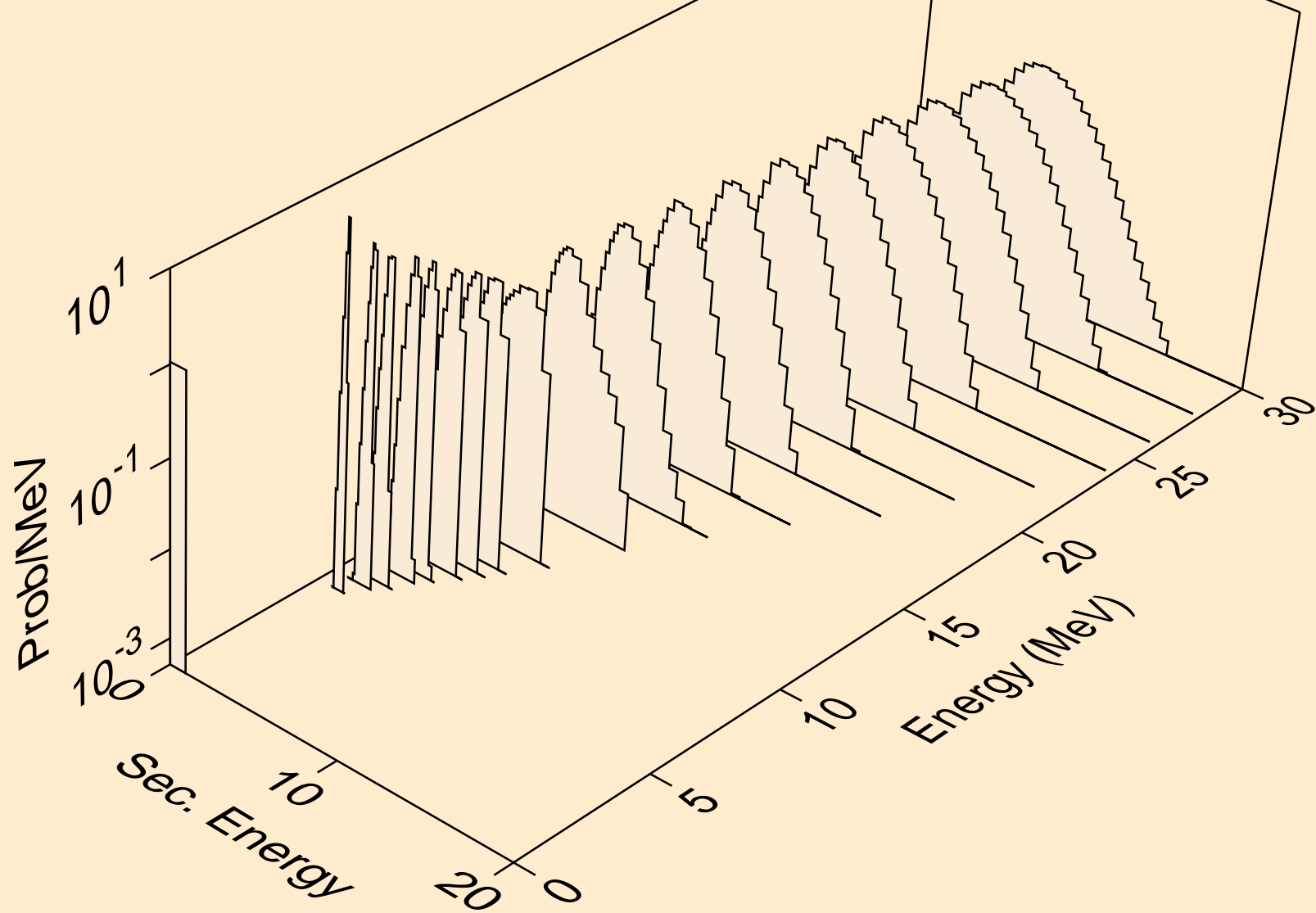
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

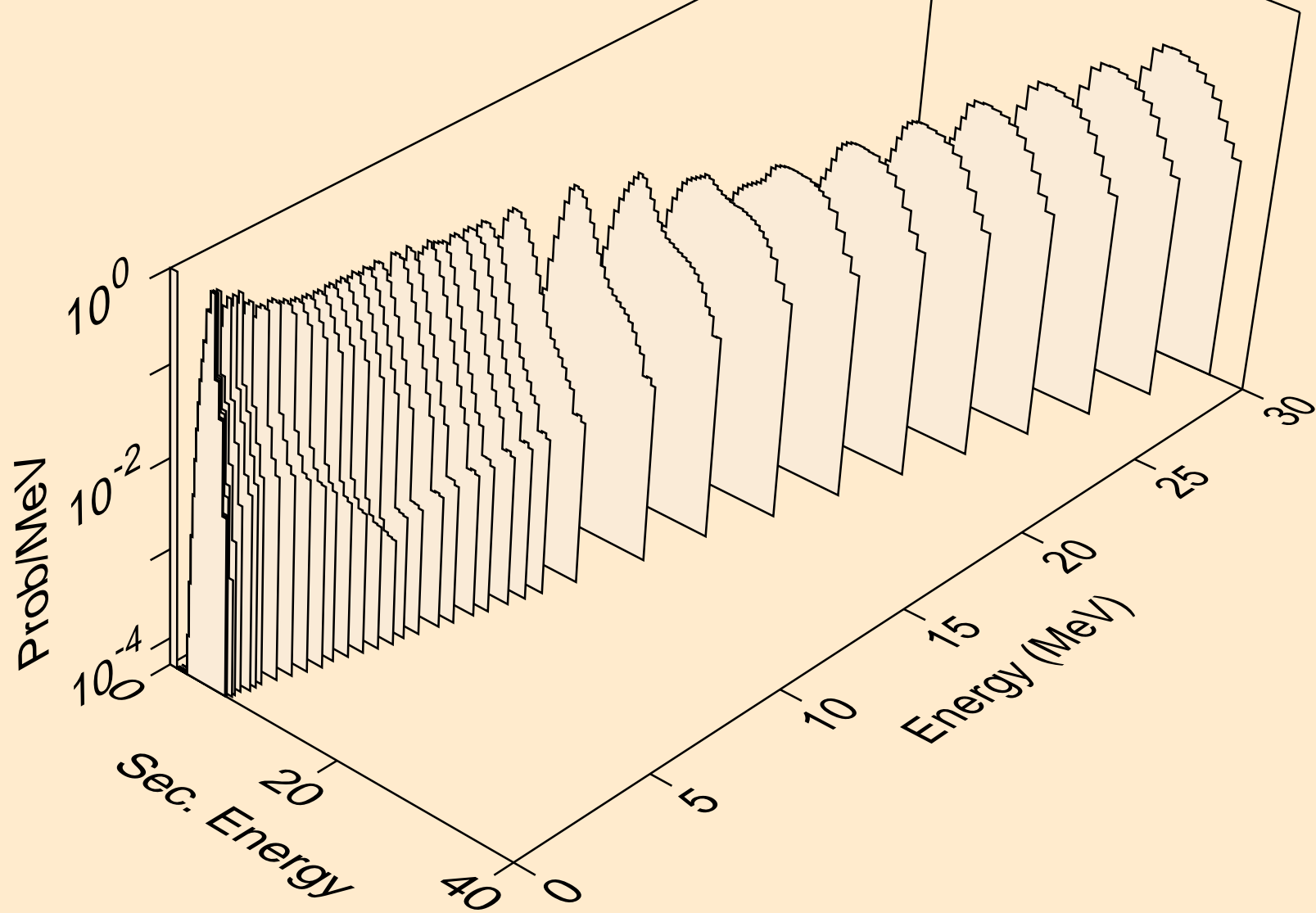


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protons from (n,npa)

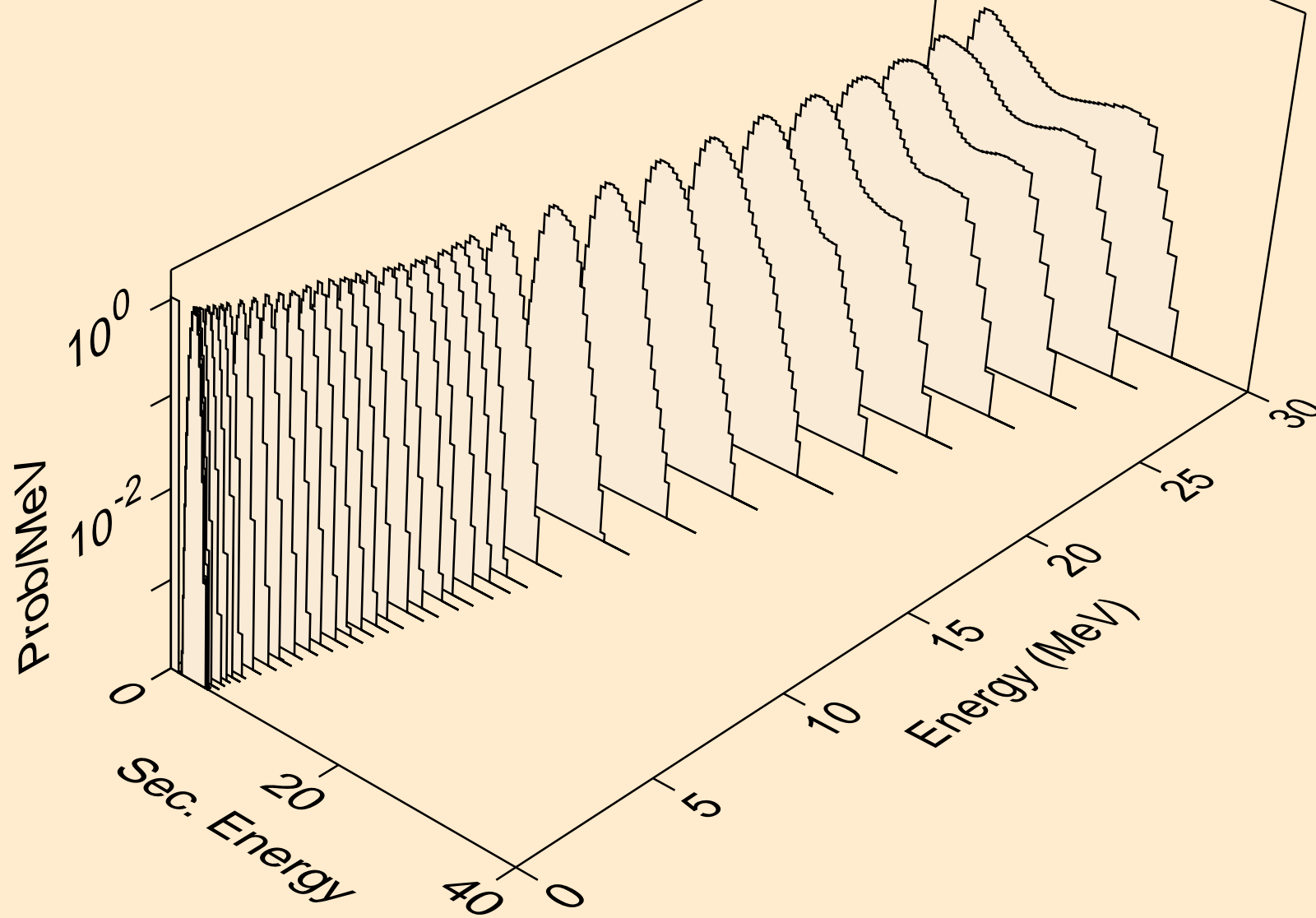




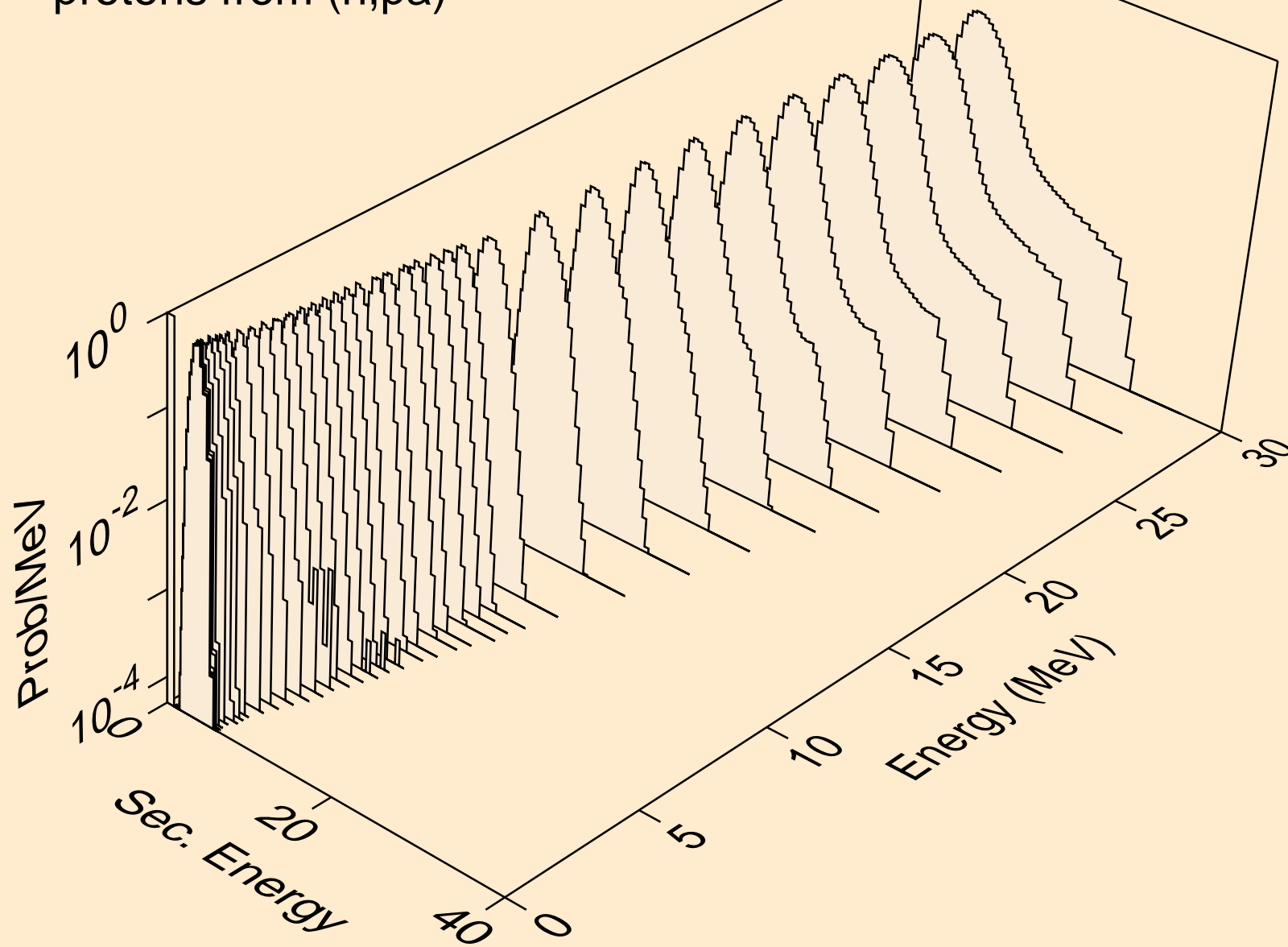
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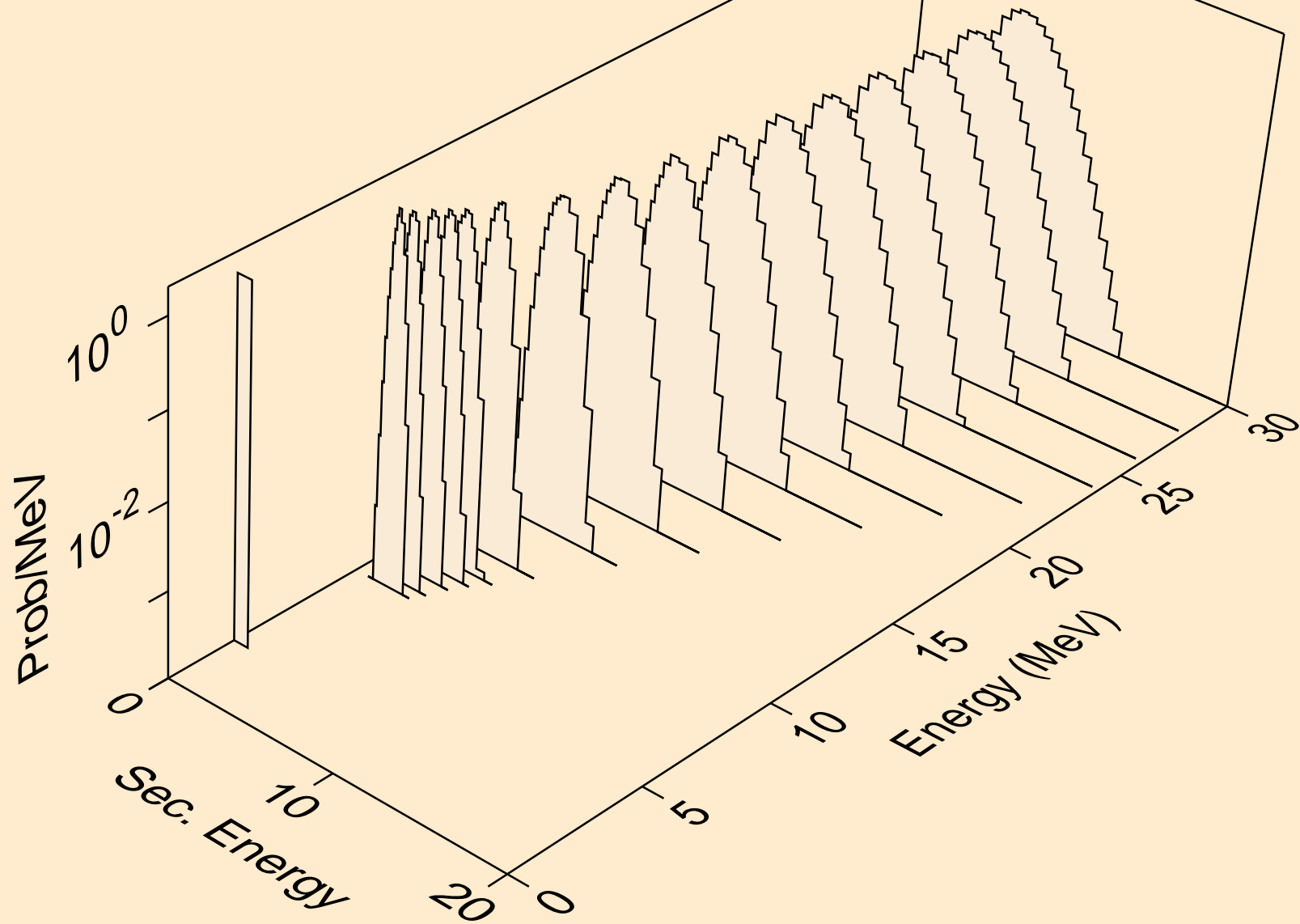
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protons from (n,2p)



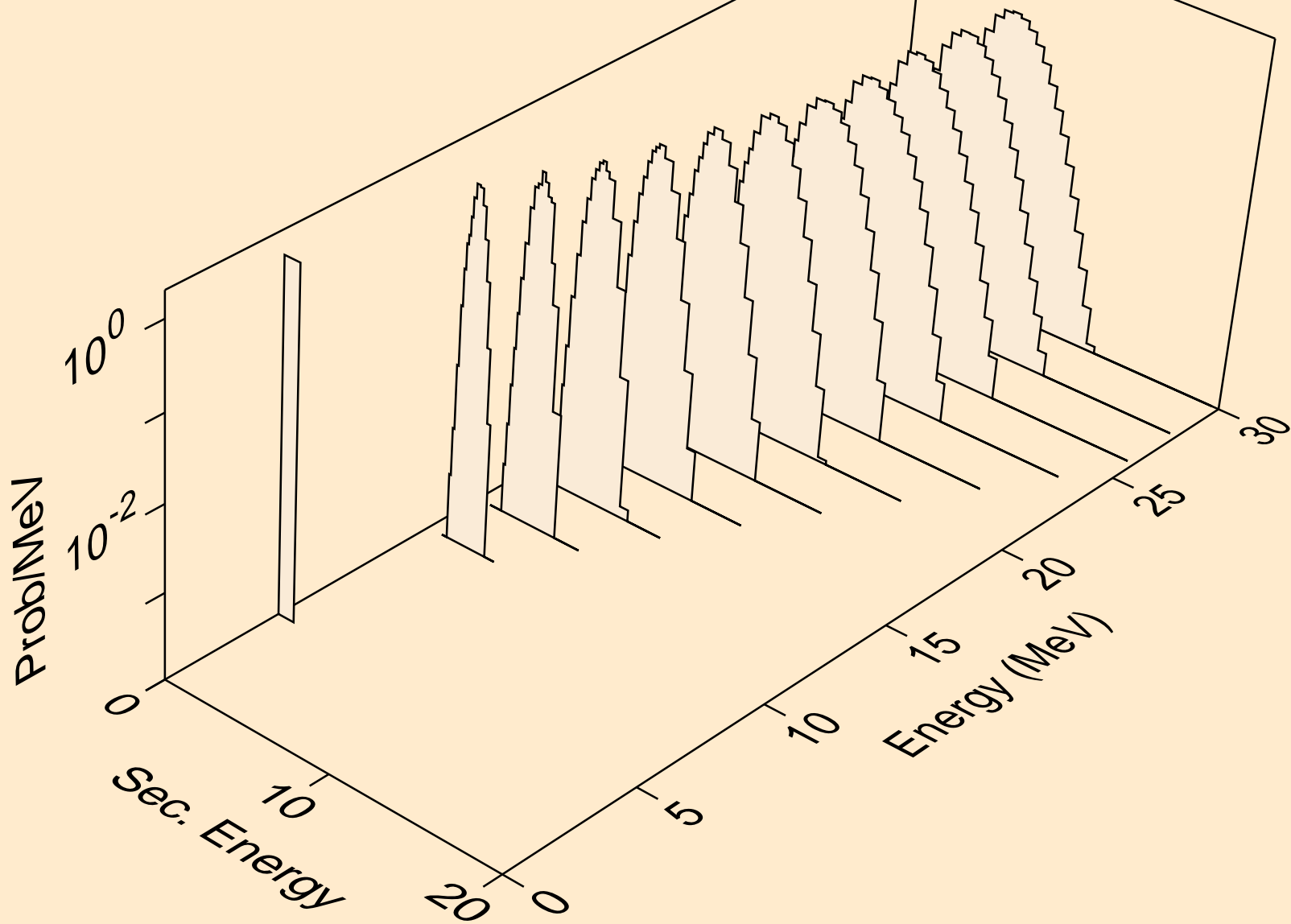
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protons from (n,p)



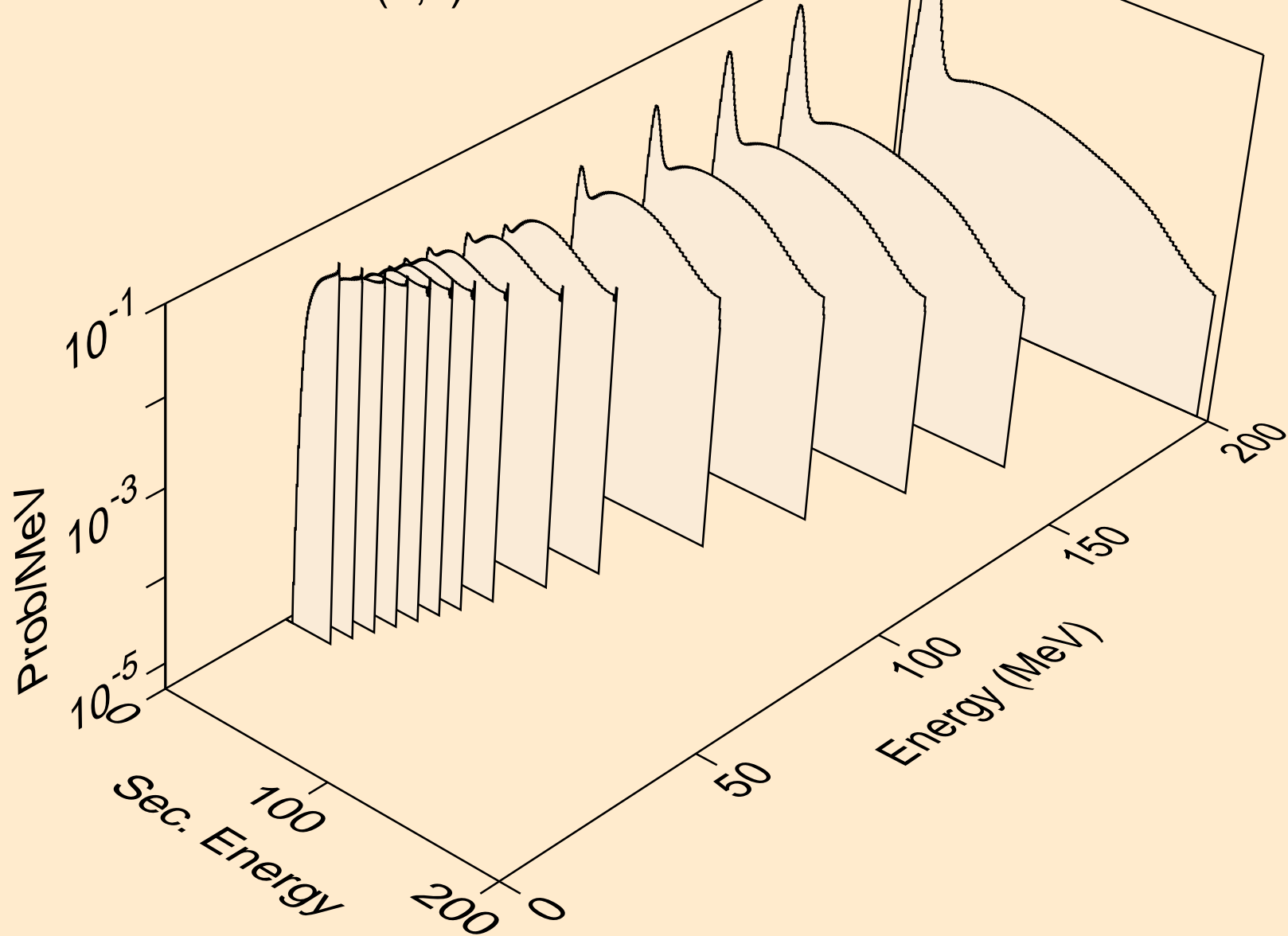
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protons from (n,pd)



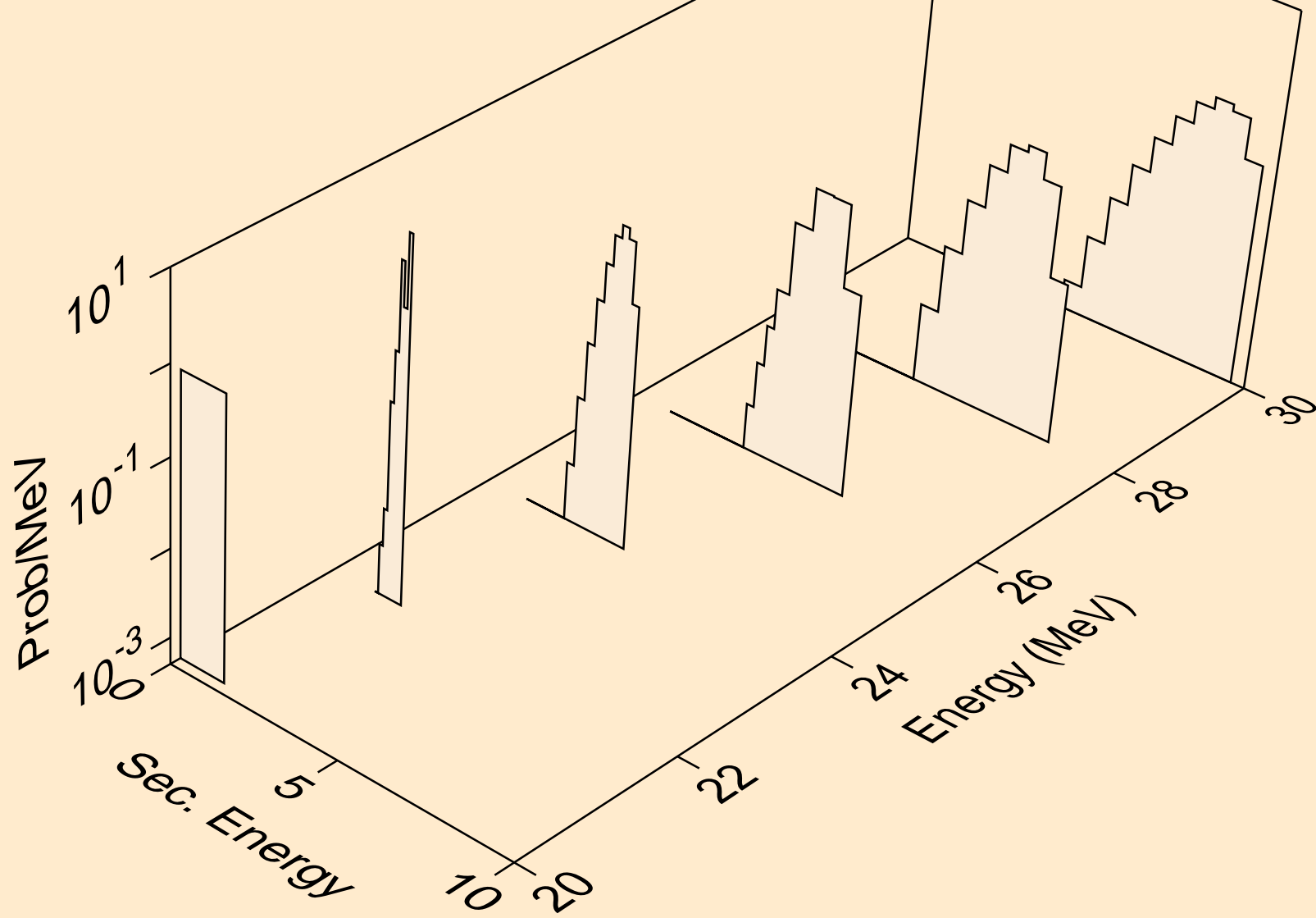
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



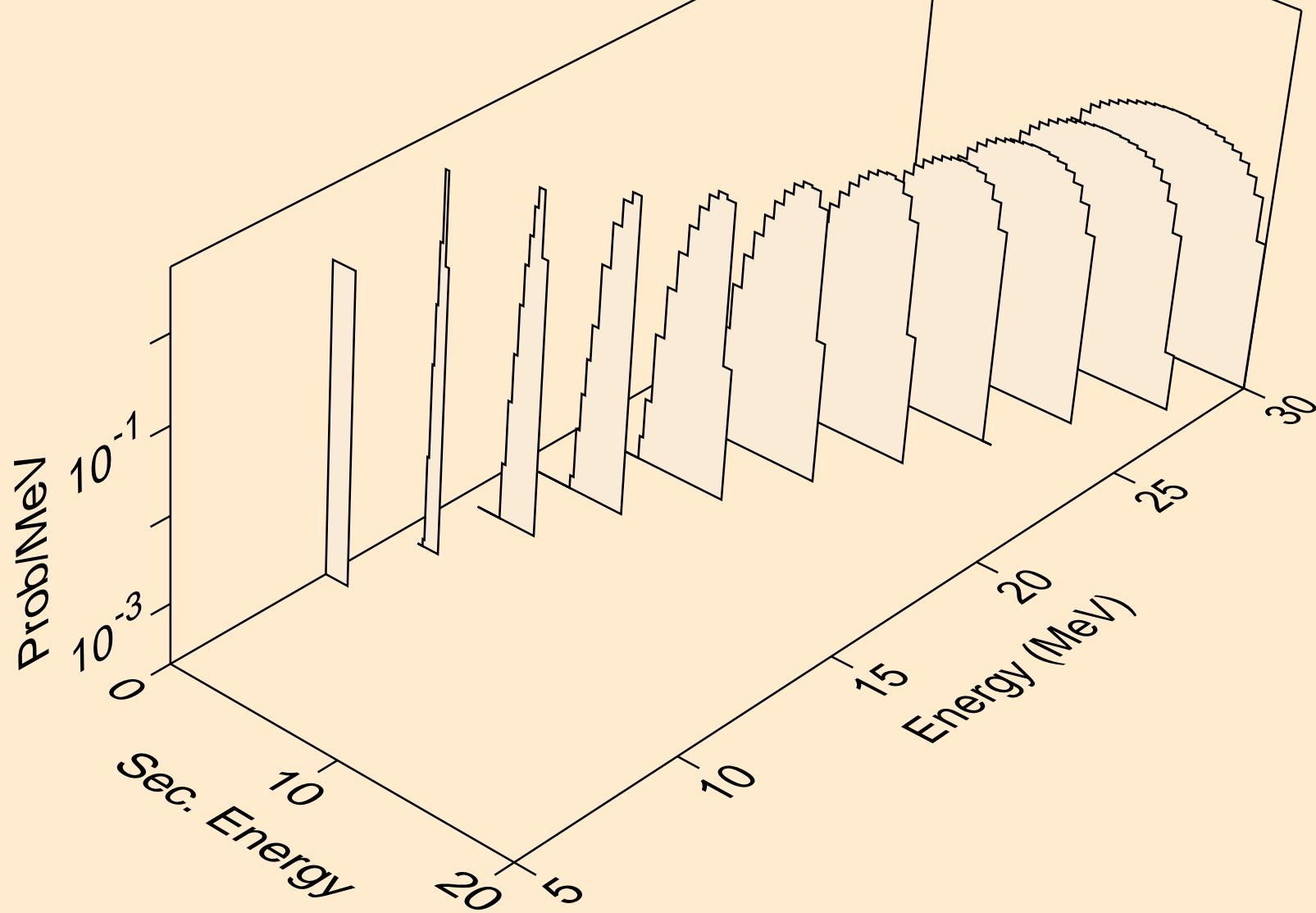
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

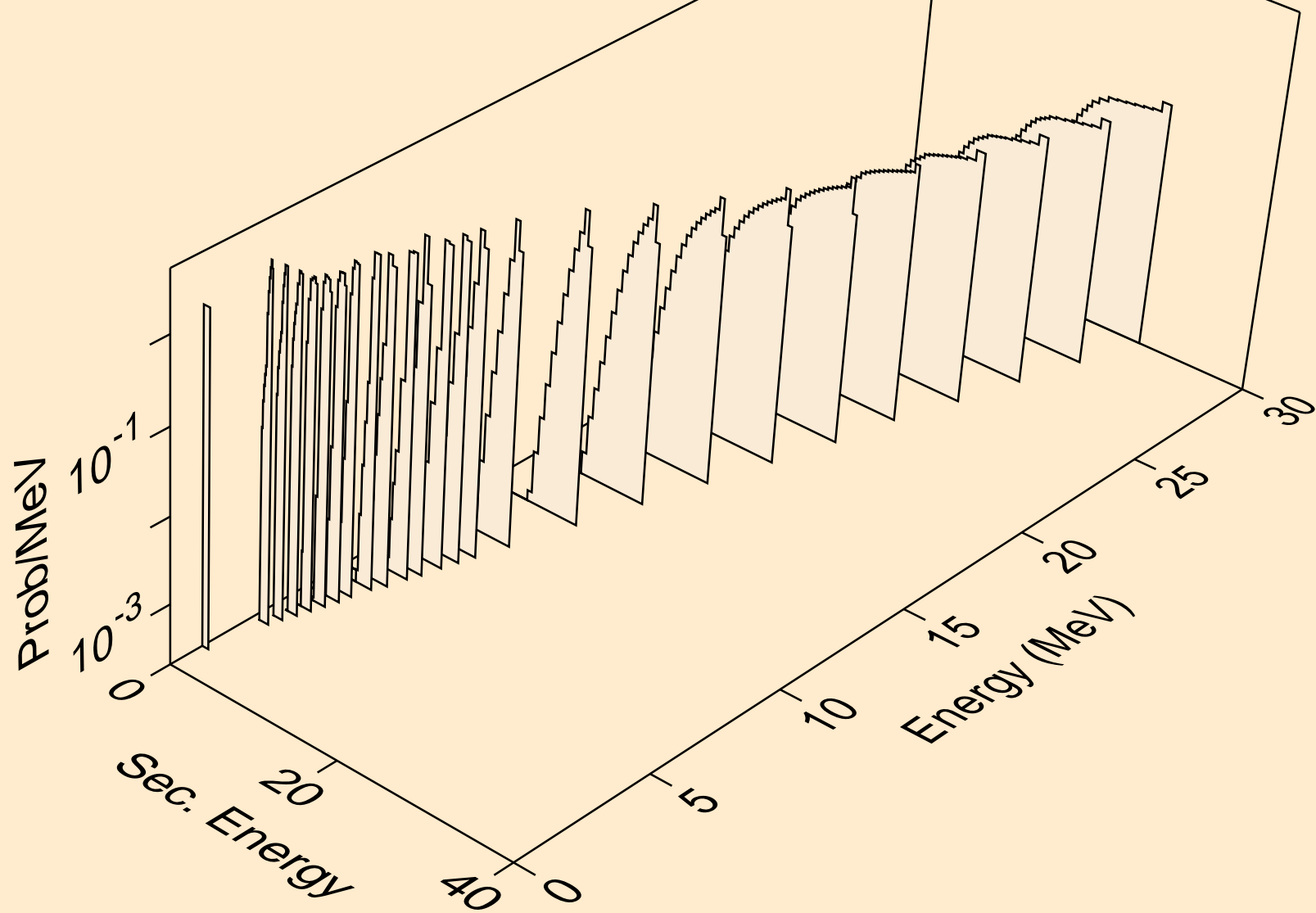


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

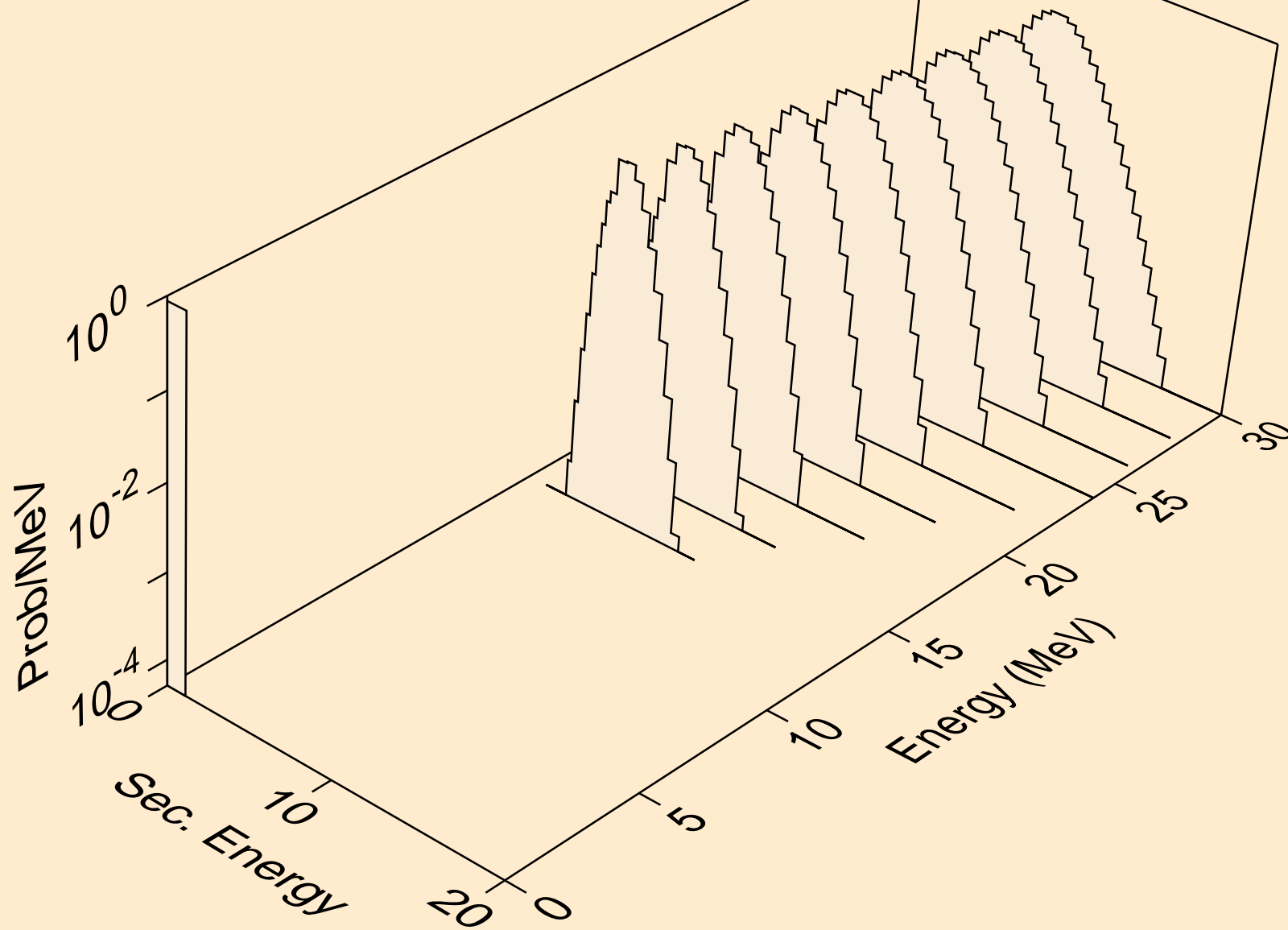




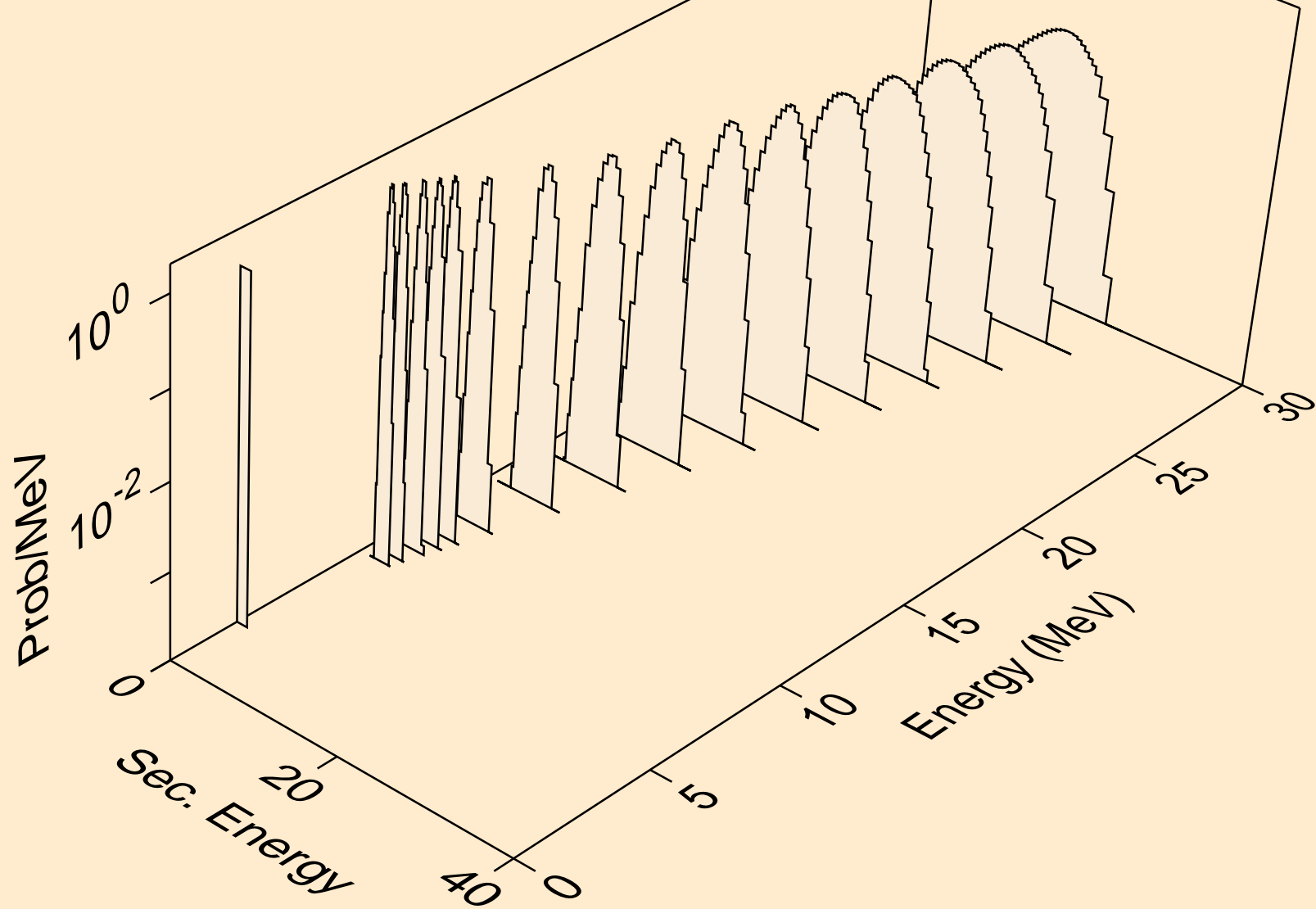
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deuterons from (n,d)



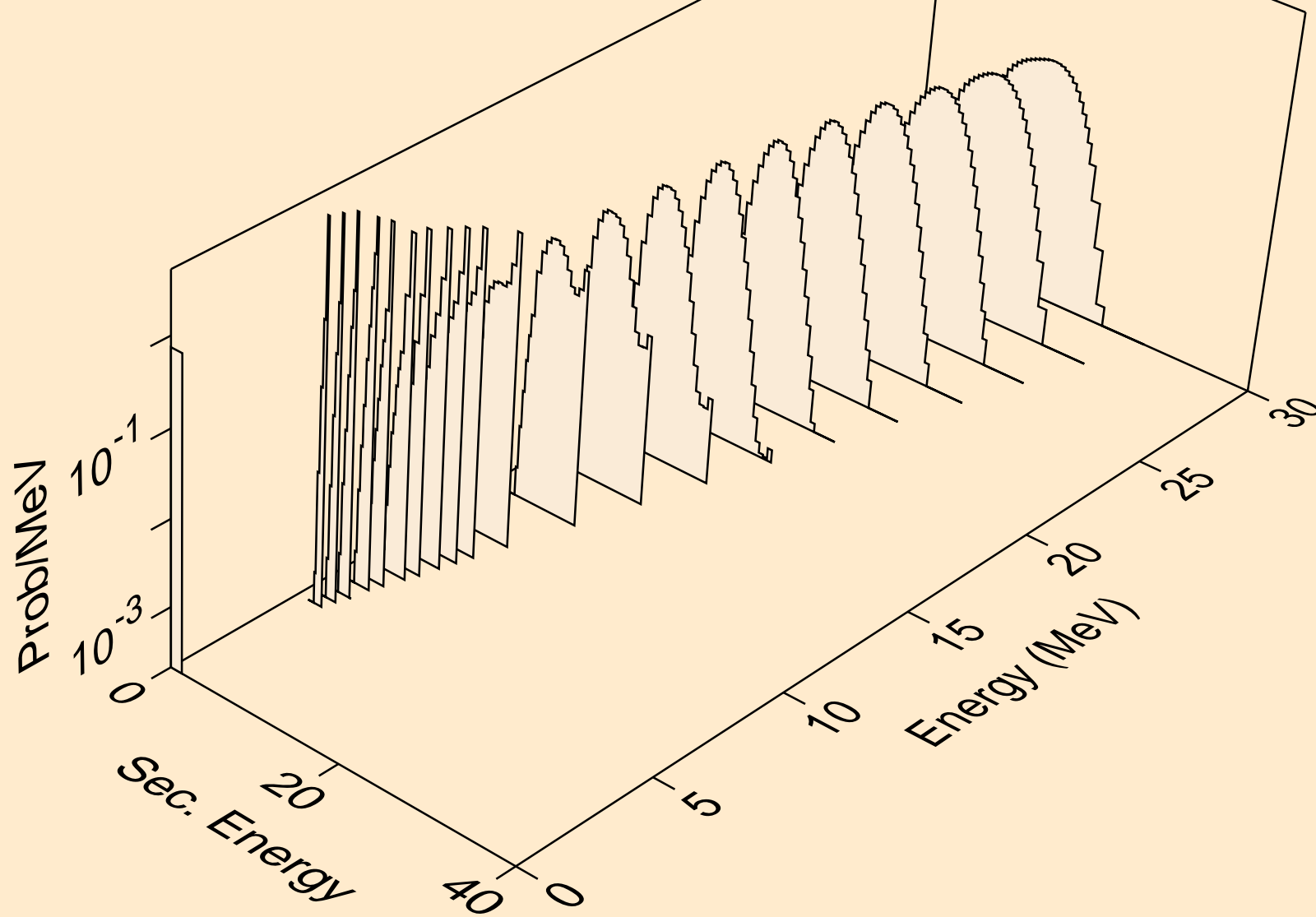
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deuterons from (n,d2a)



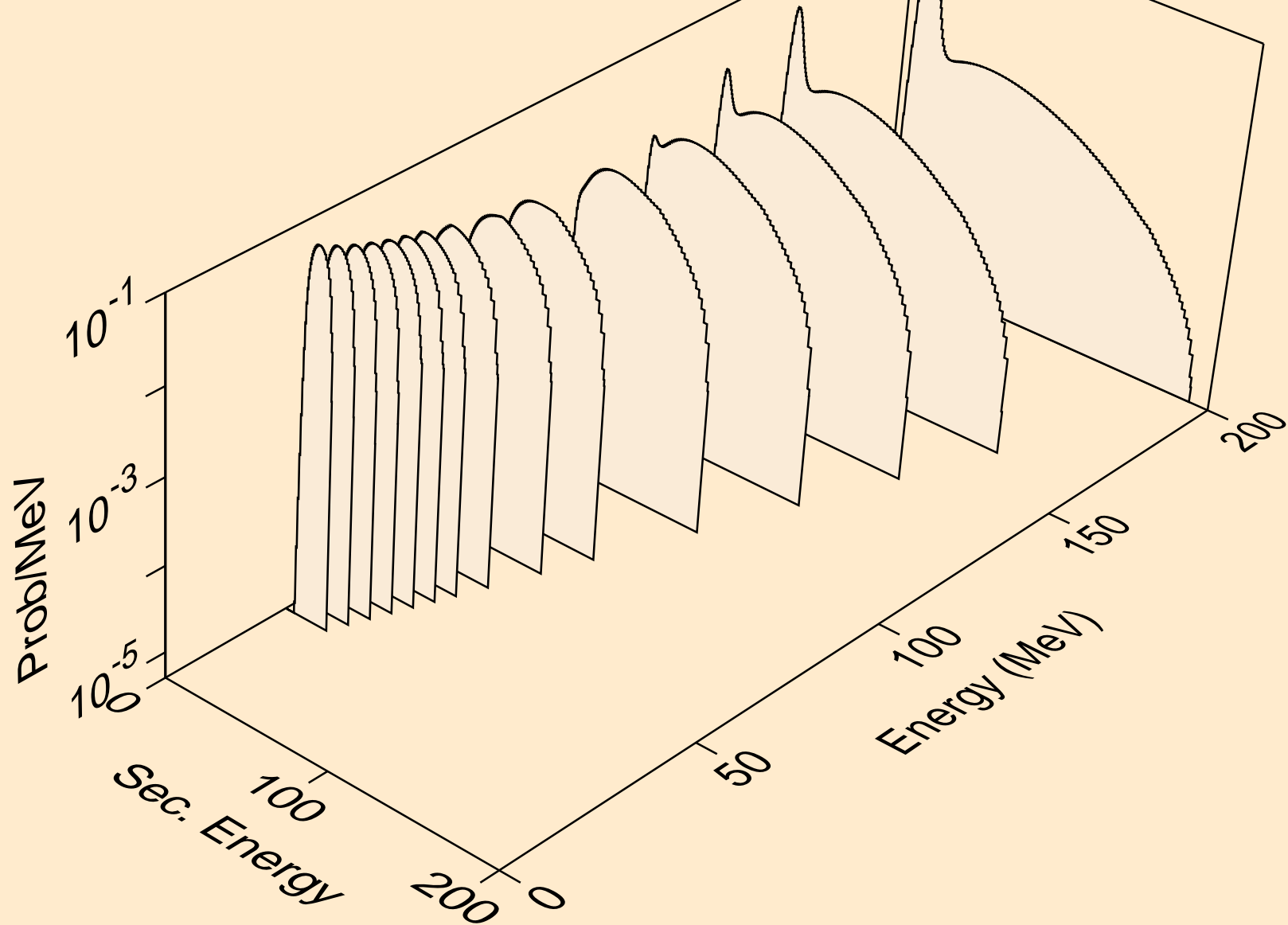
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deuterons from (n,pd)



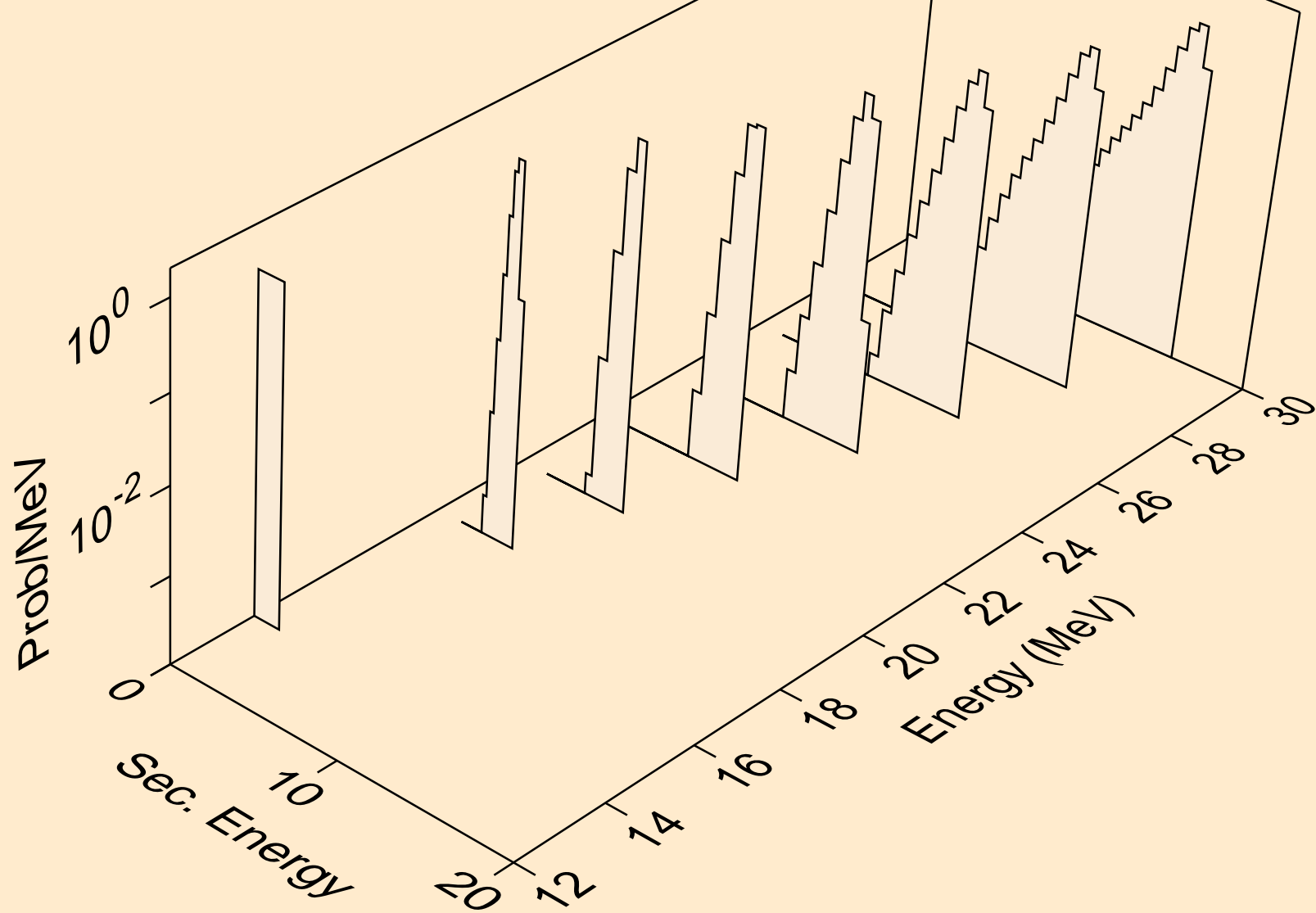
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deuterons from (n,da)



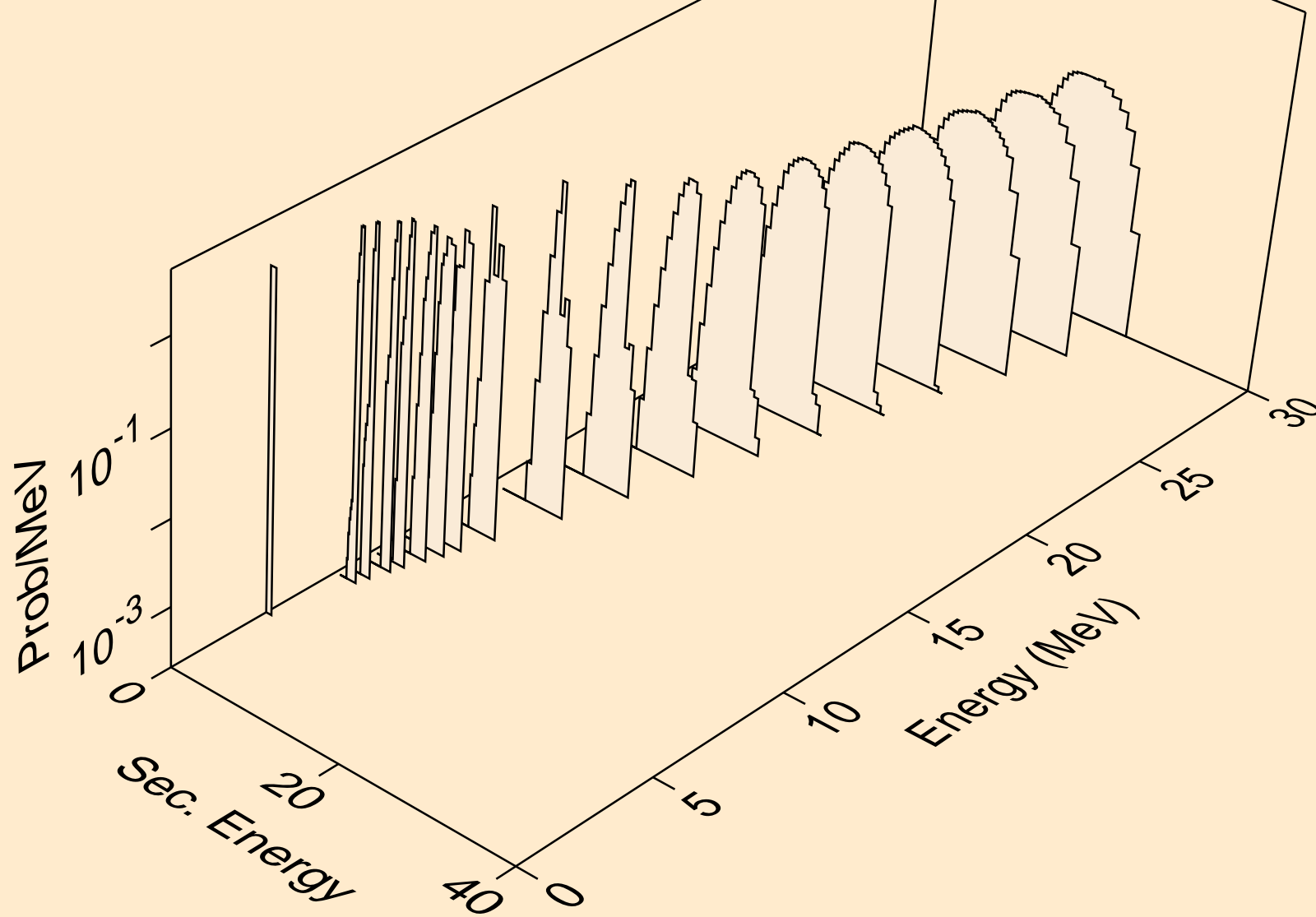
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tritons from (n,x)



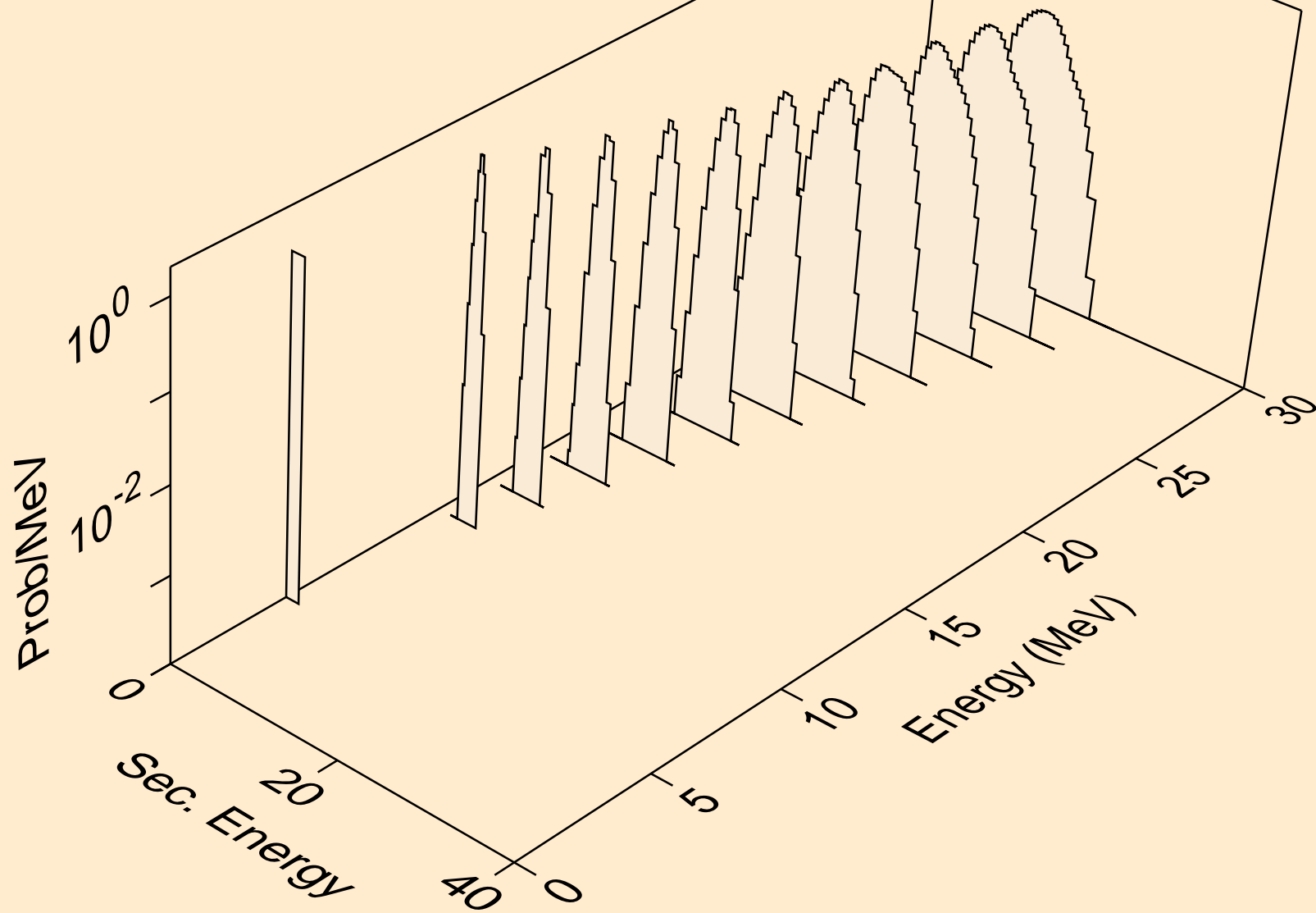
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

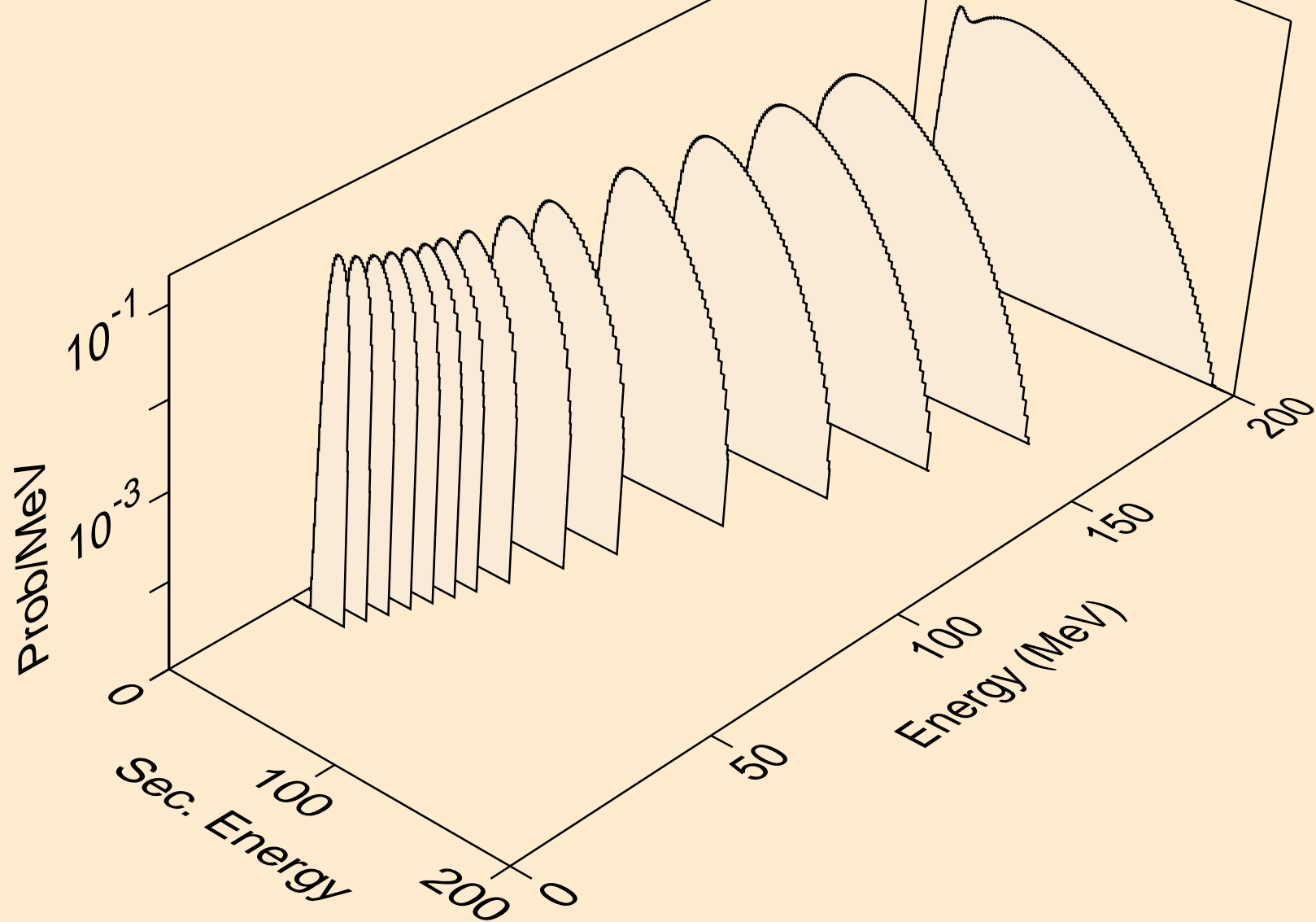


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

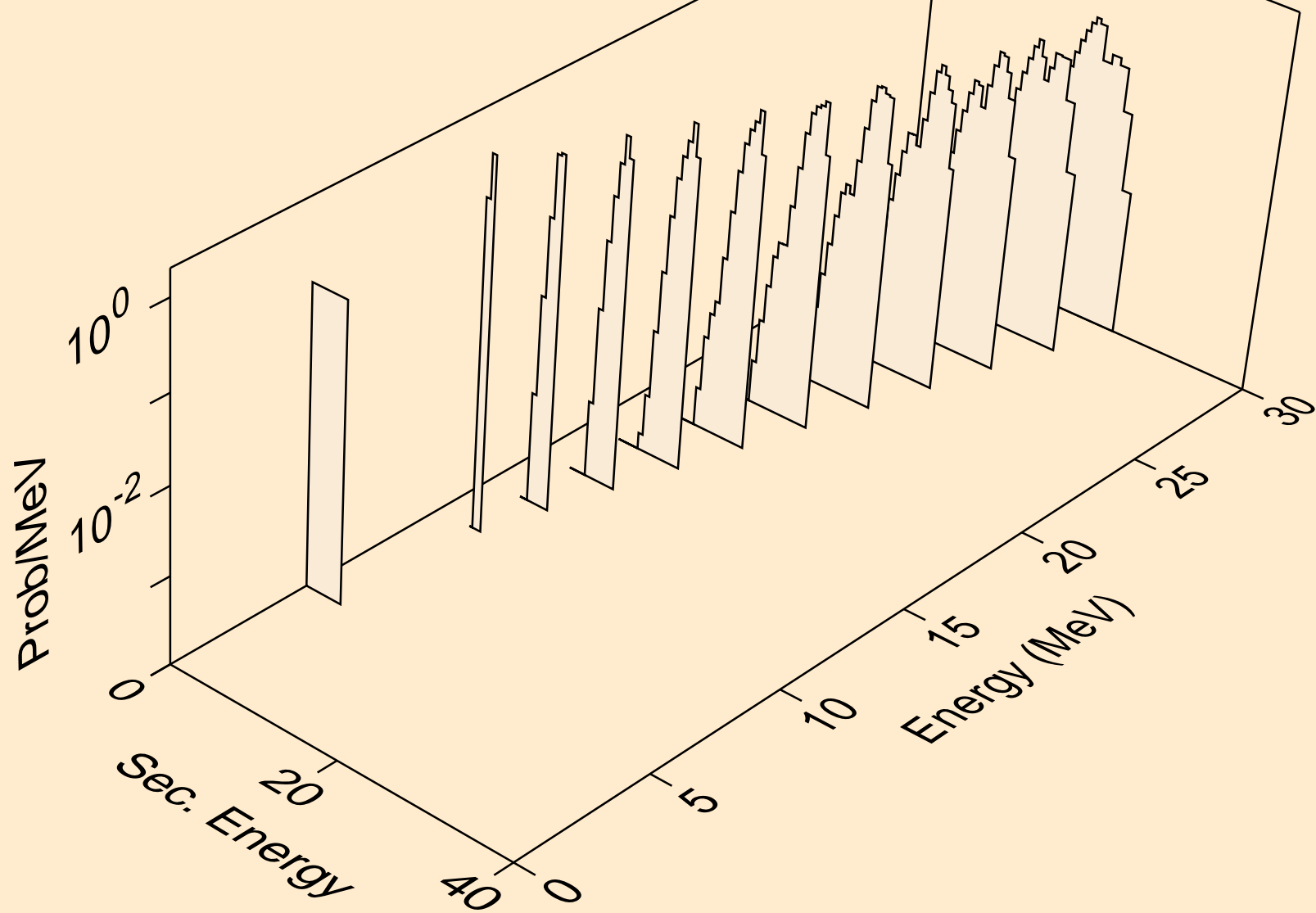




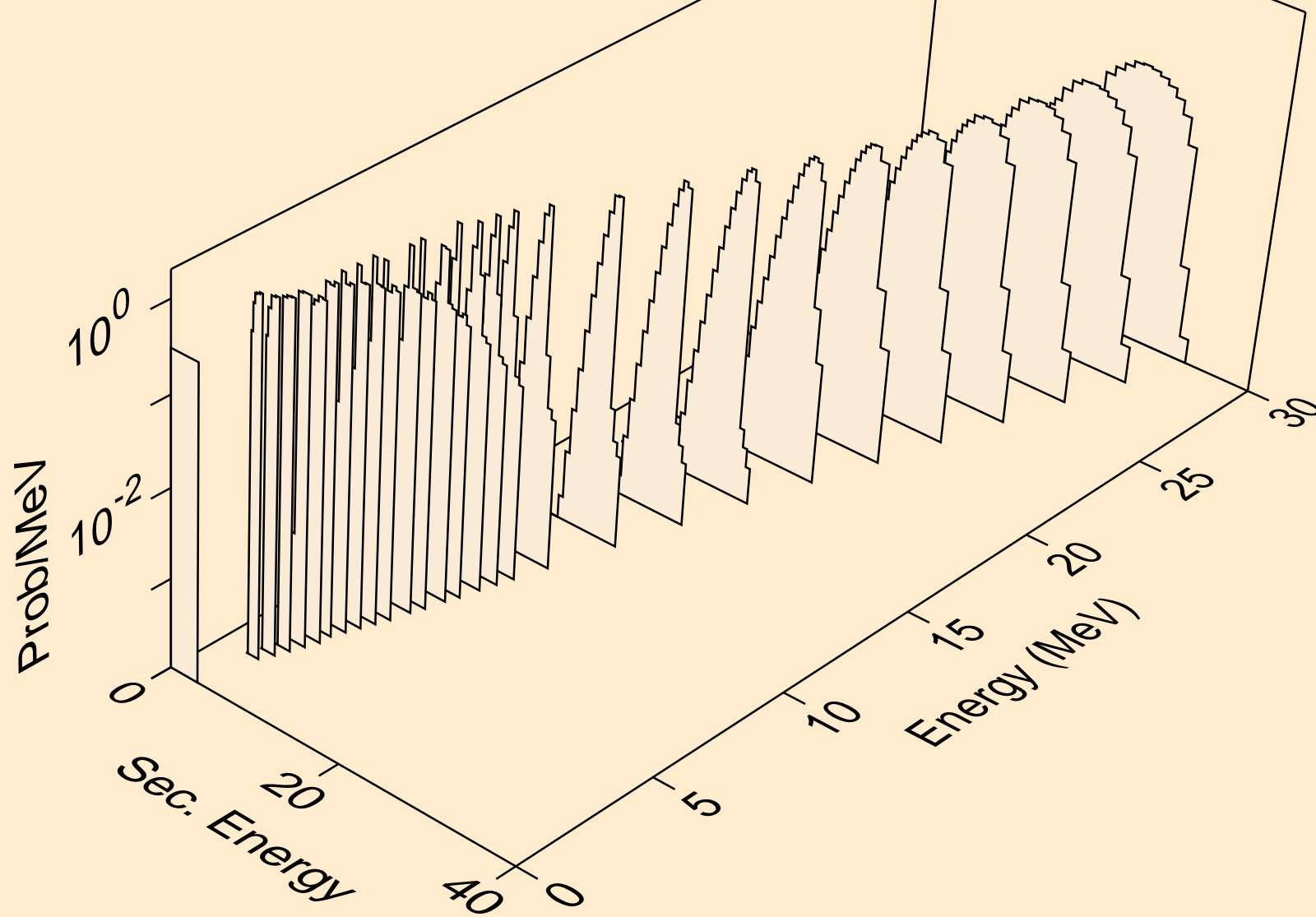
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



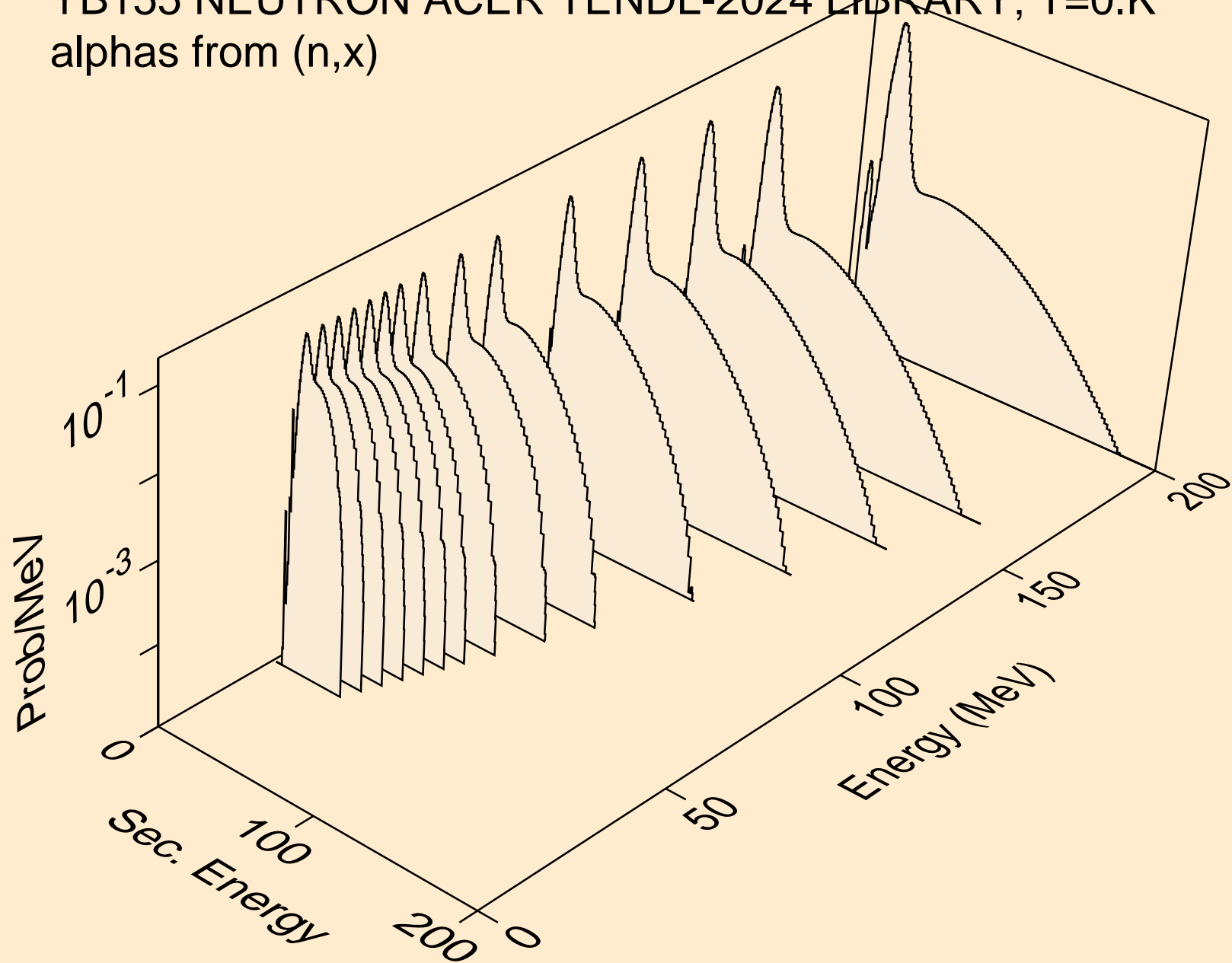
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



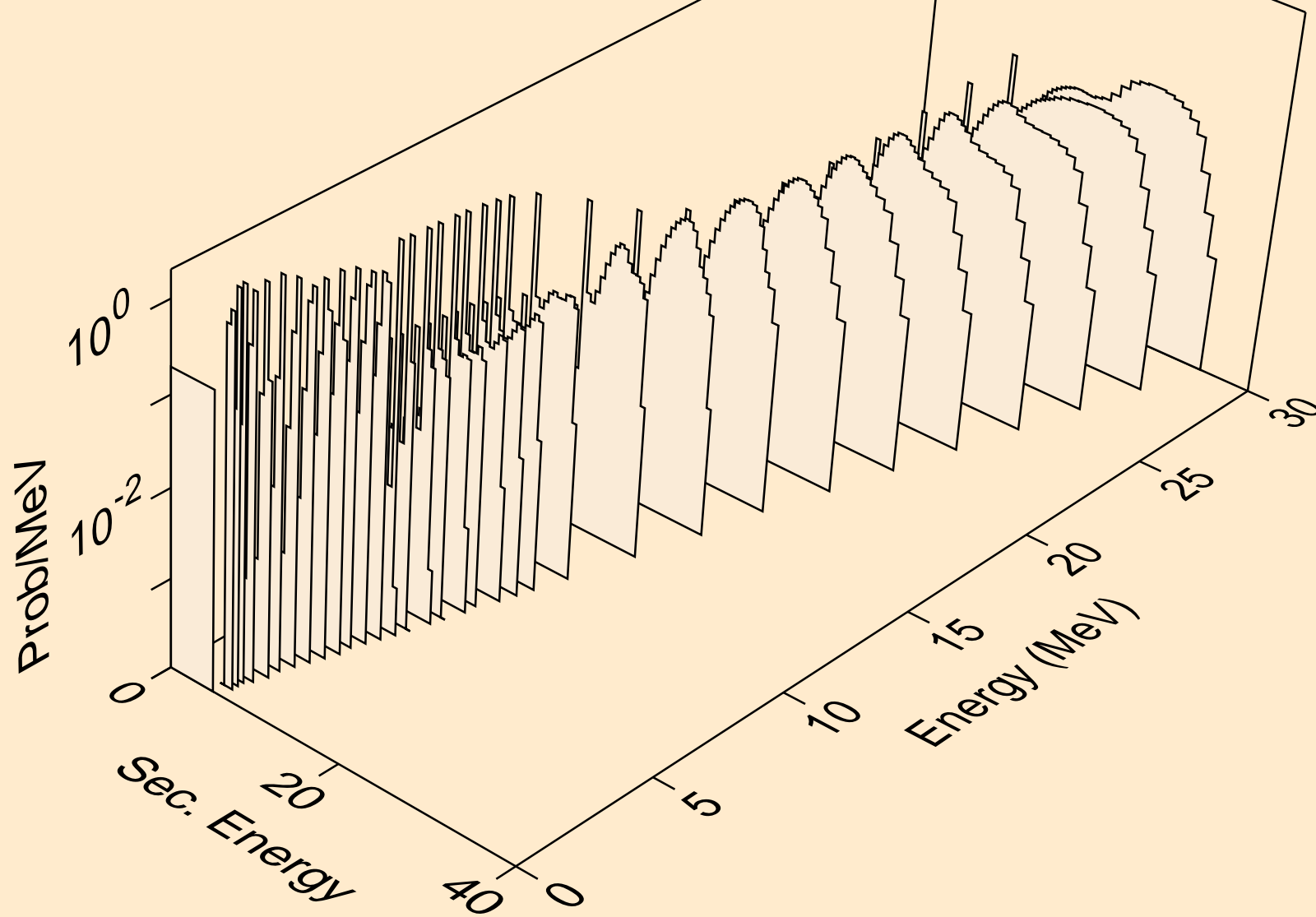
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



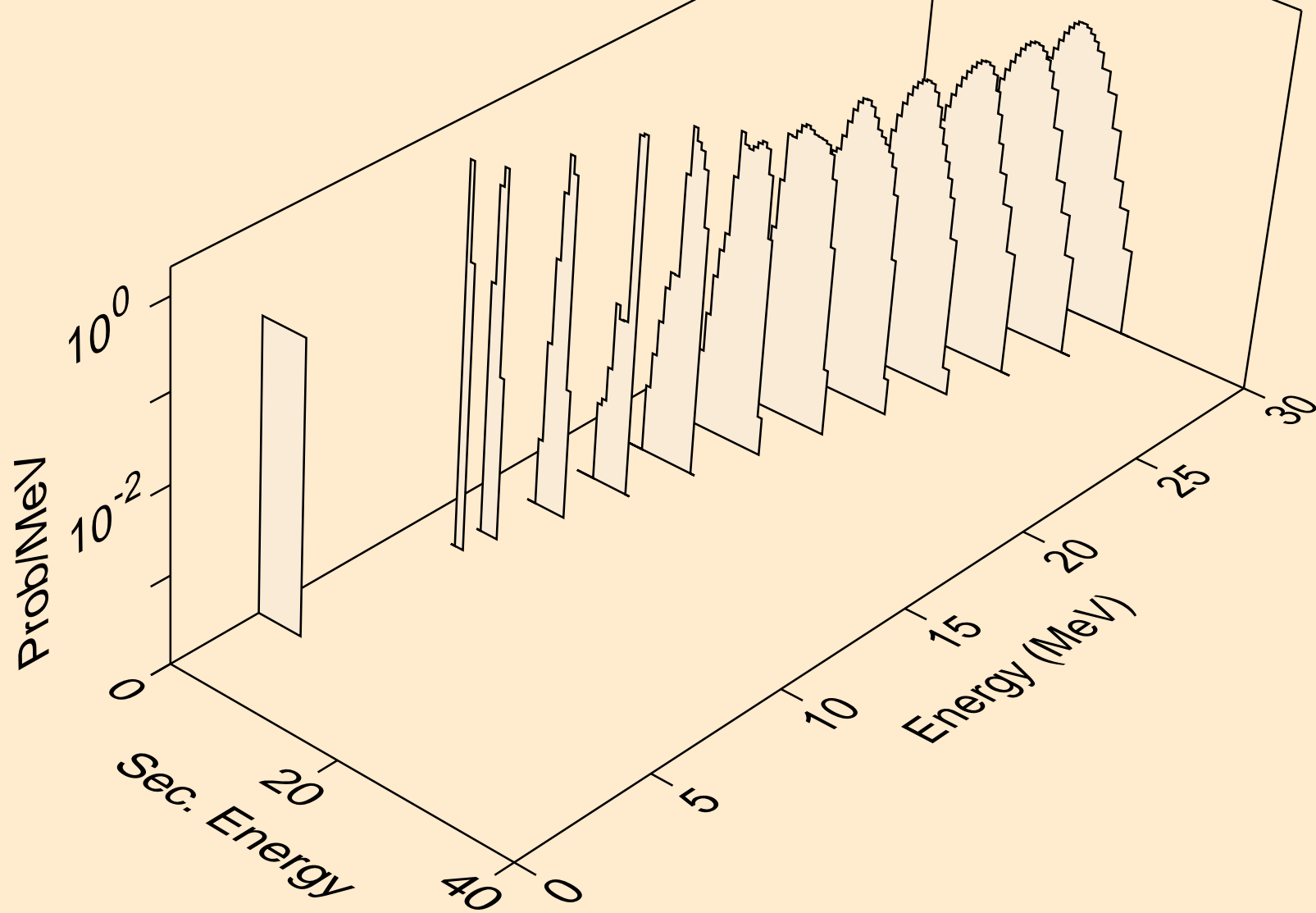
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



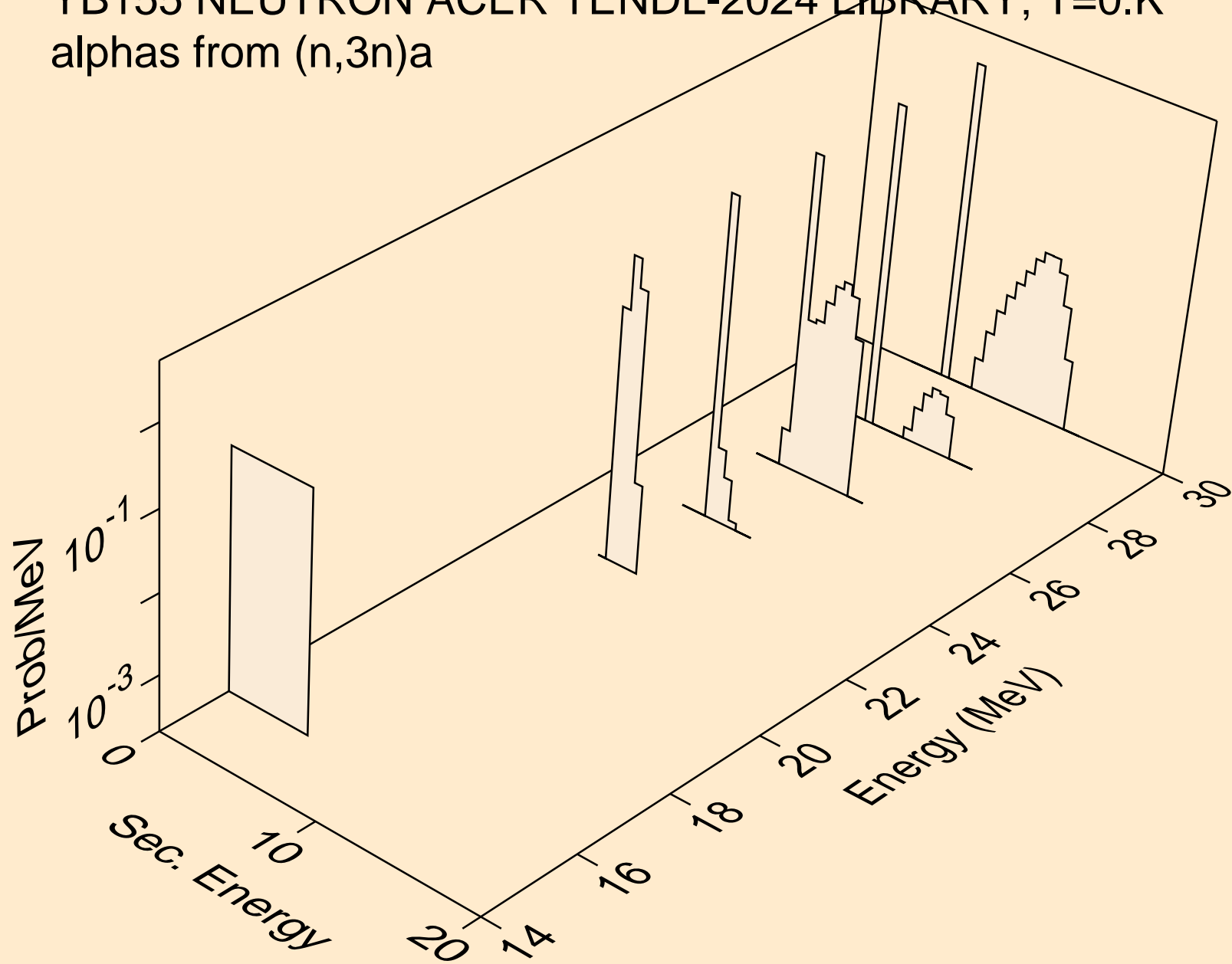
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



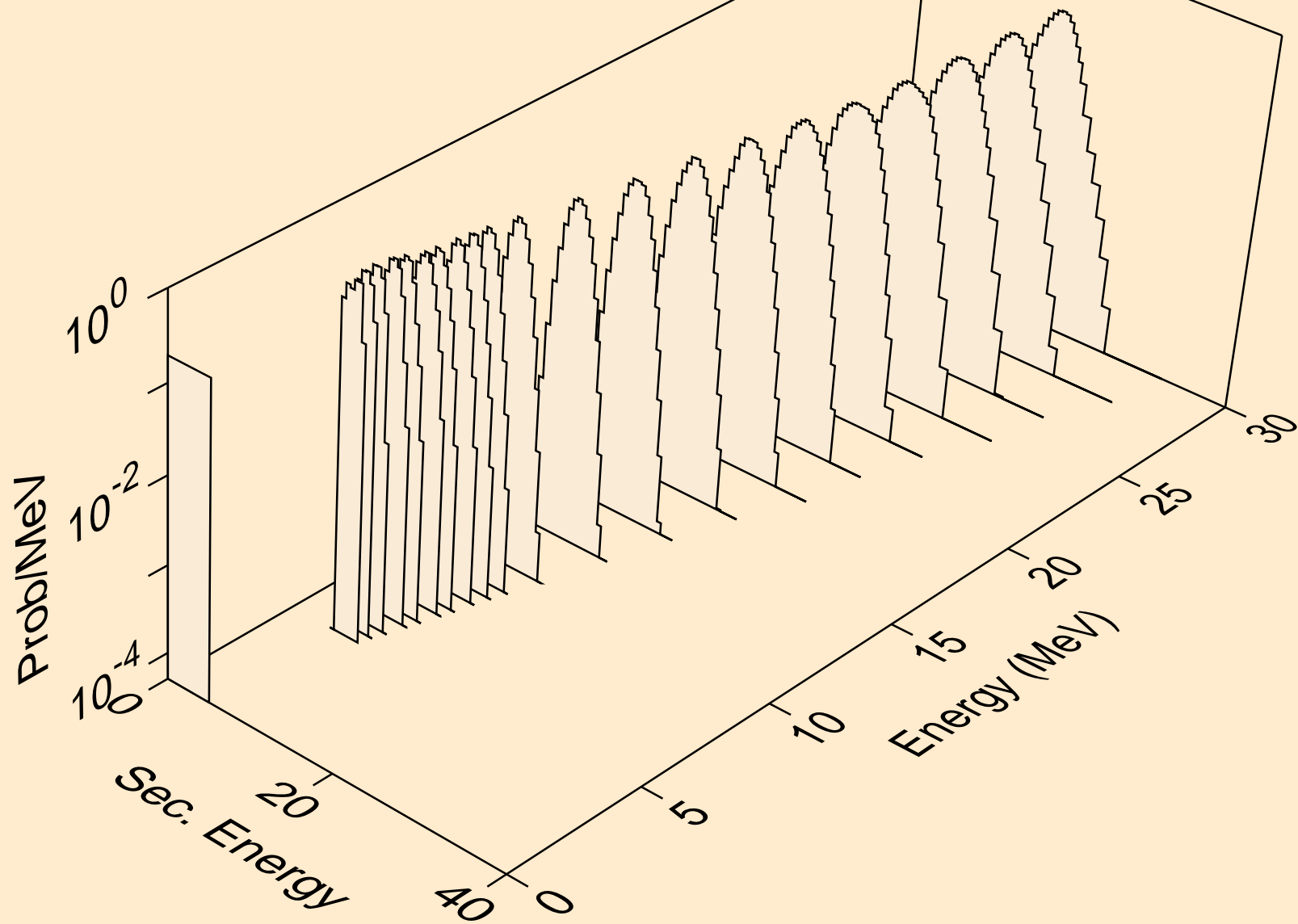
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

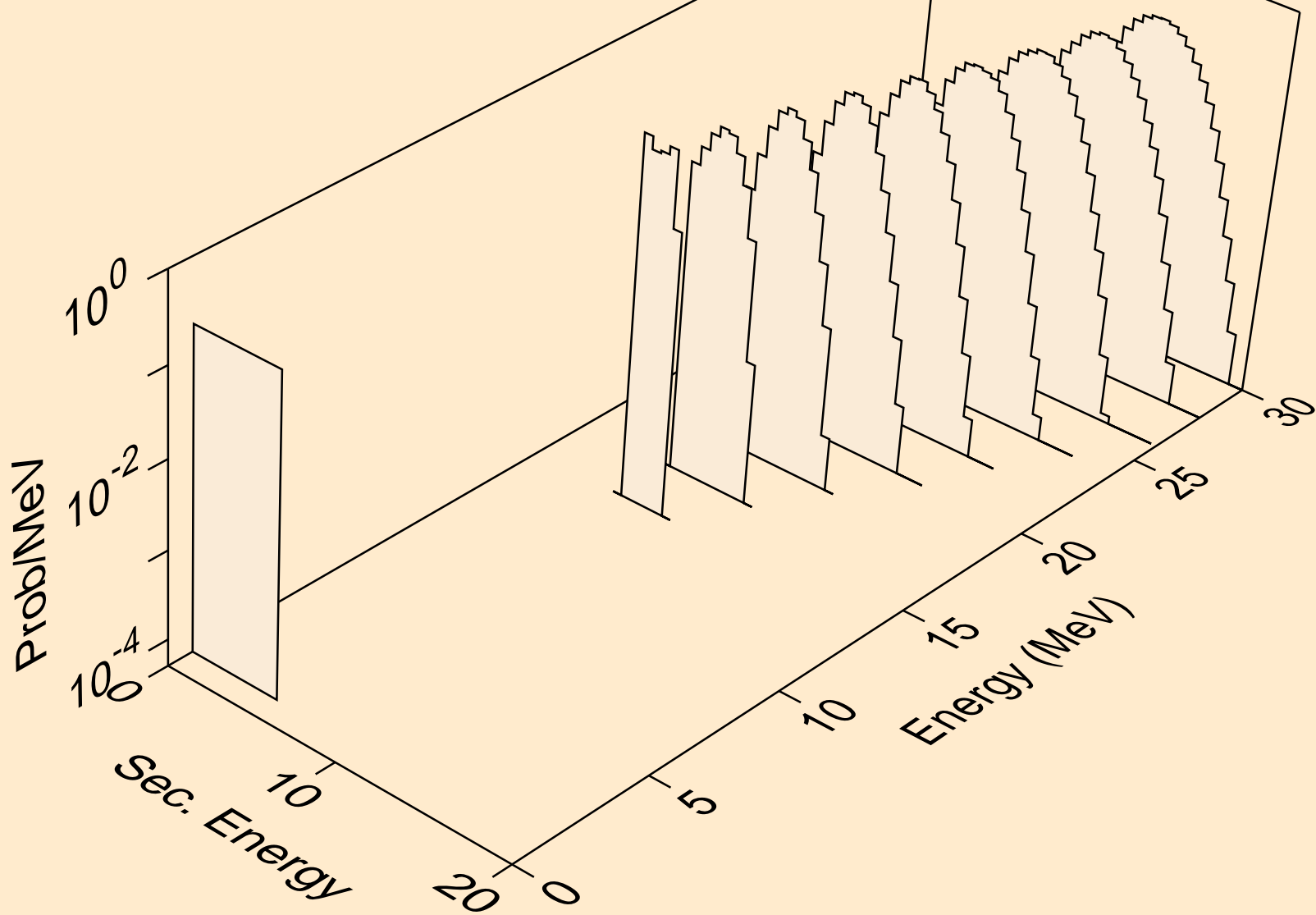


YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

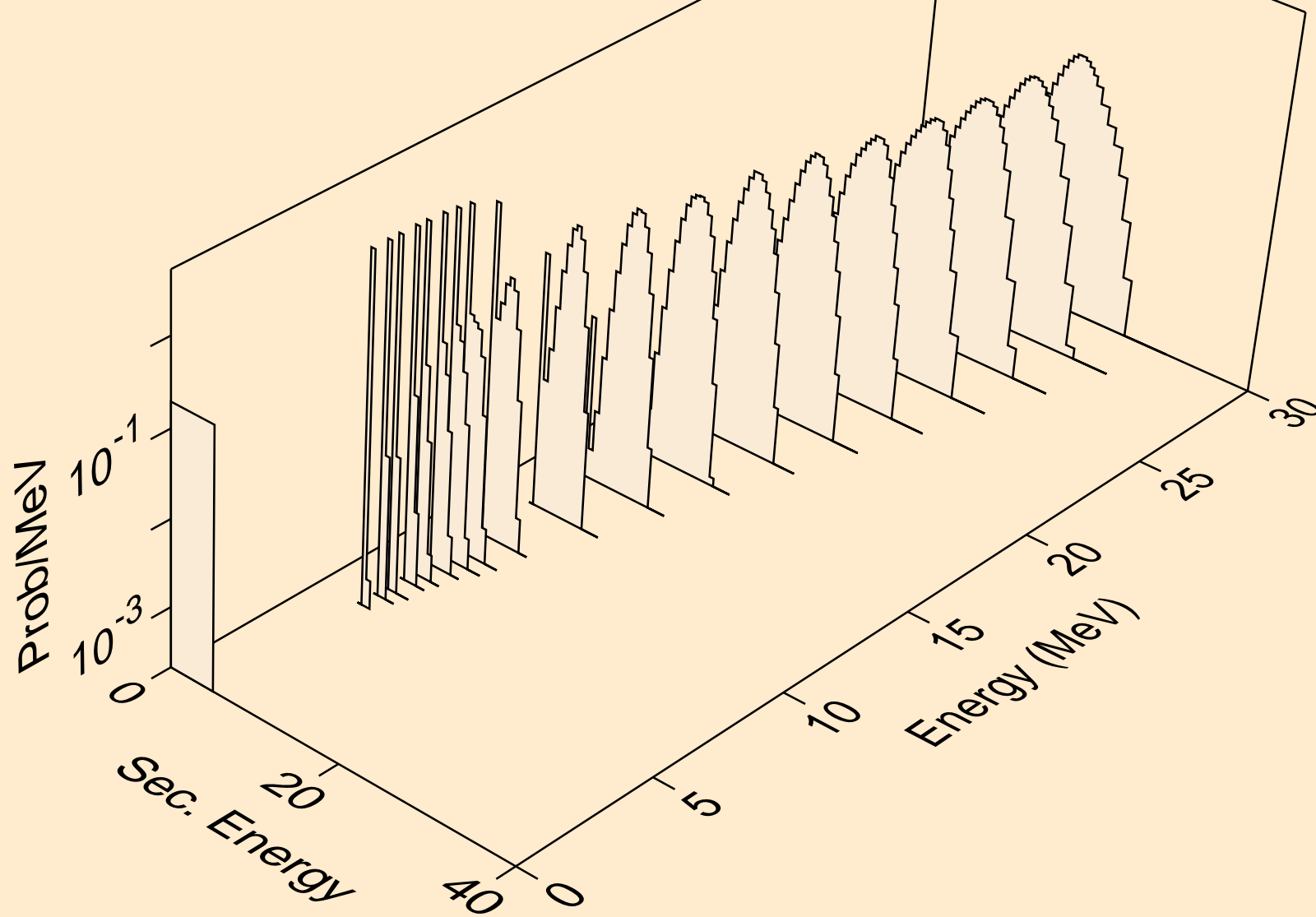




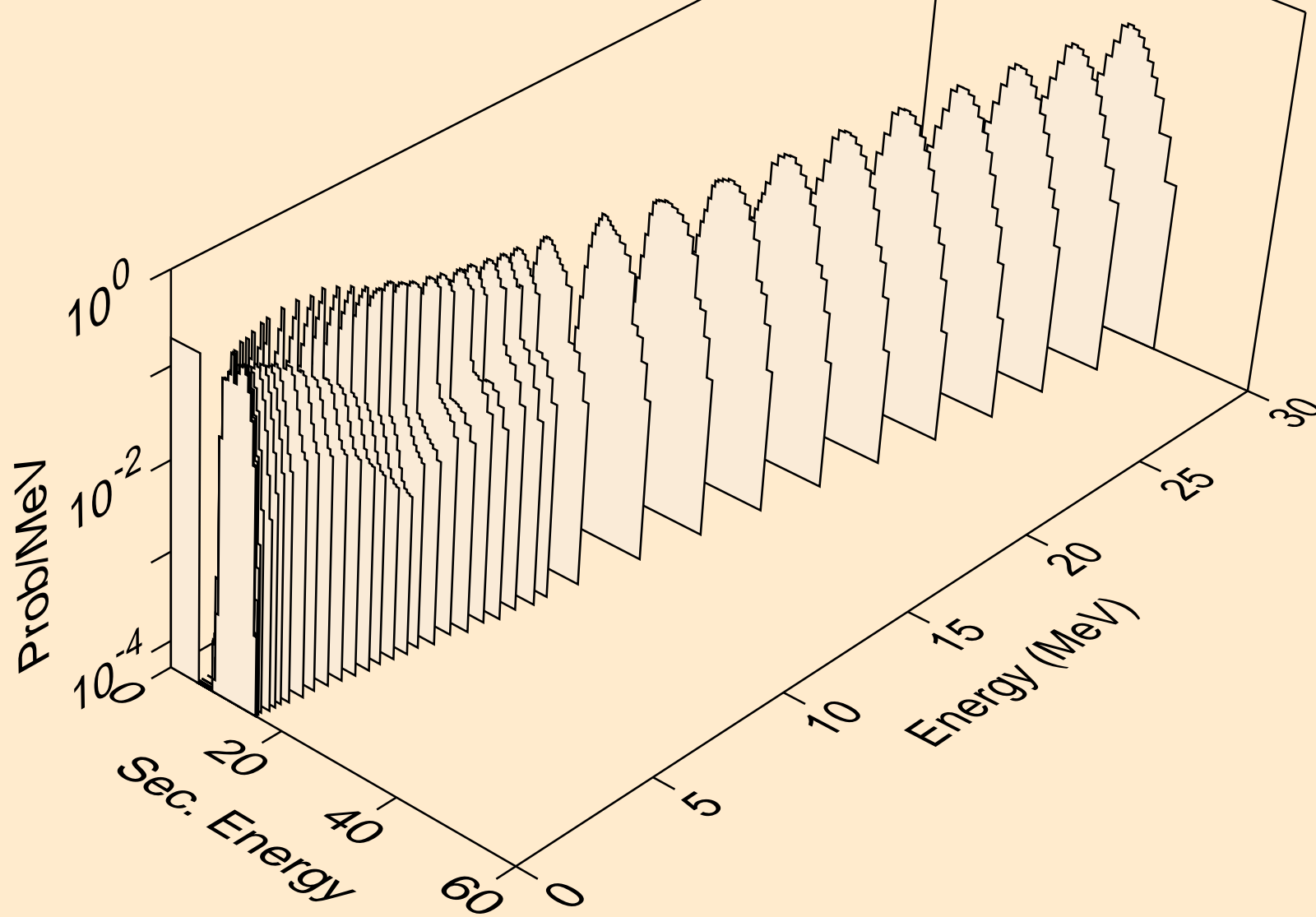
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alphas from (n,2n)2a



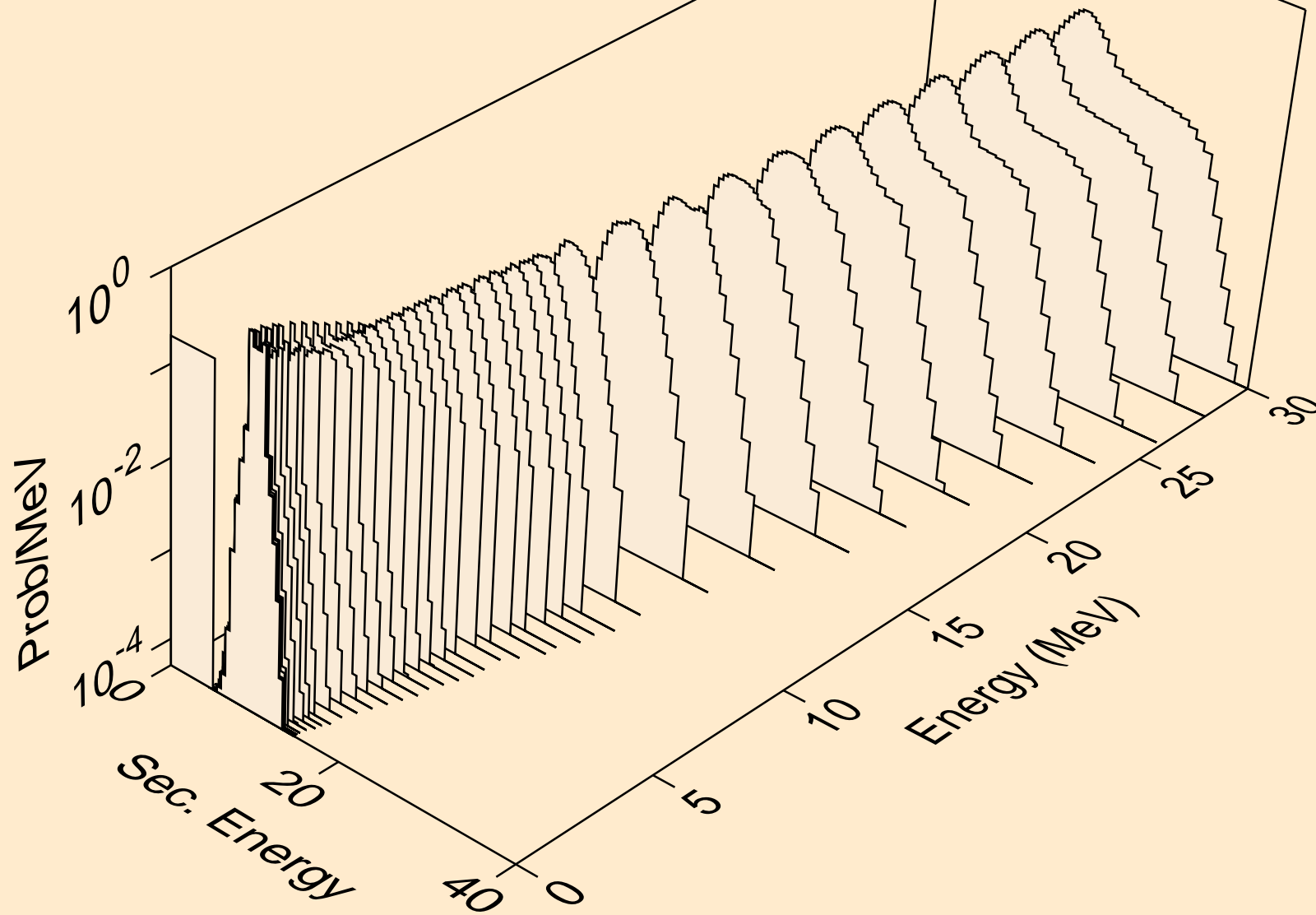
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alphas from (n,npa)



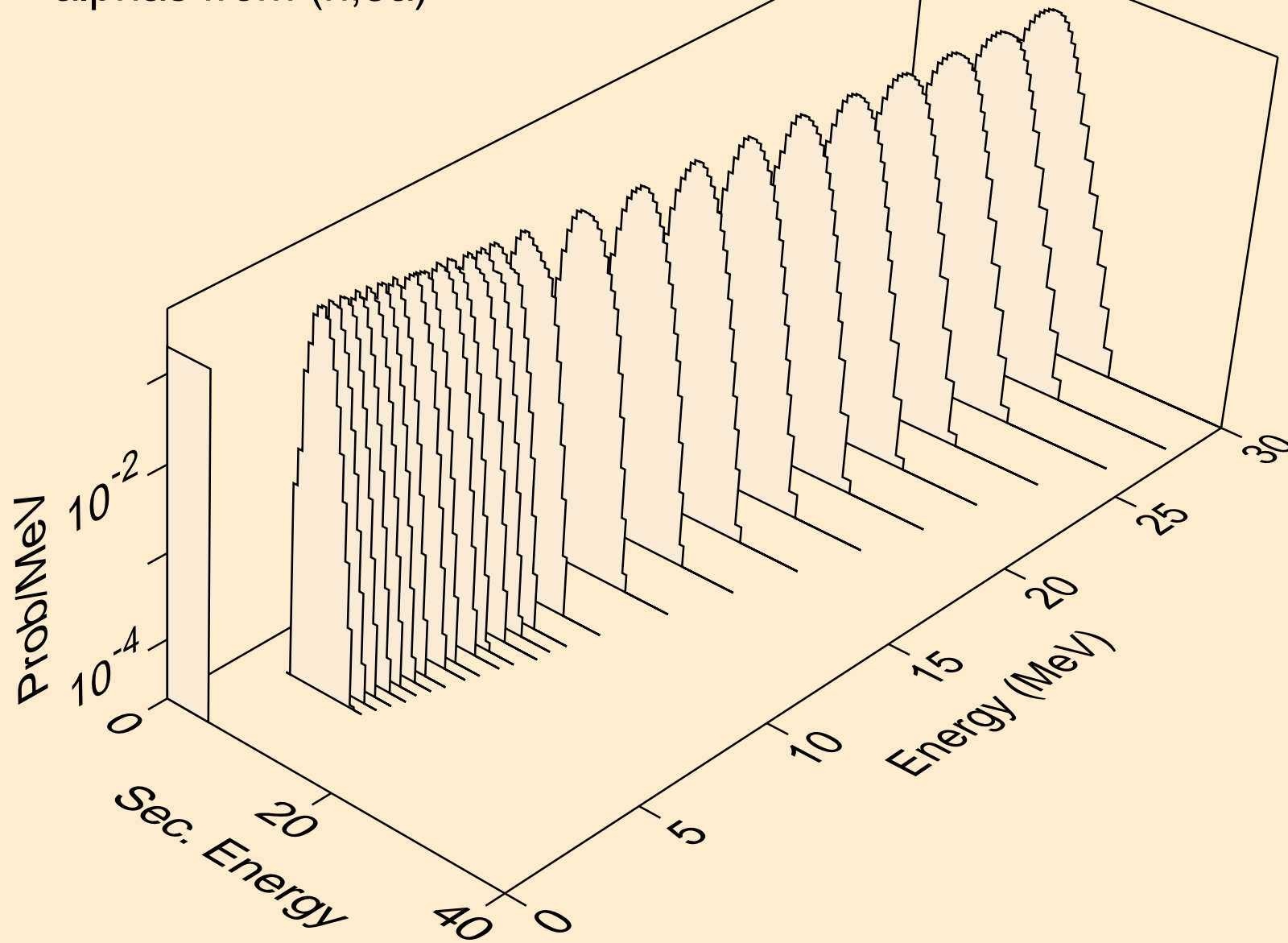
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alphas from (n,a)



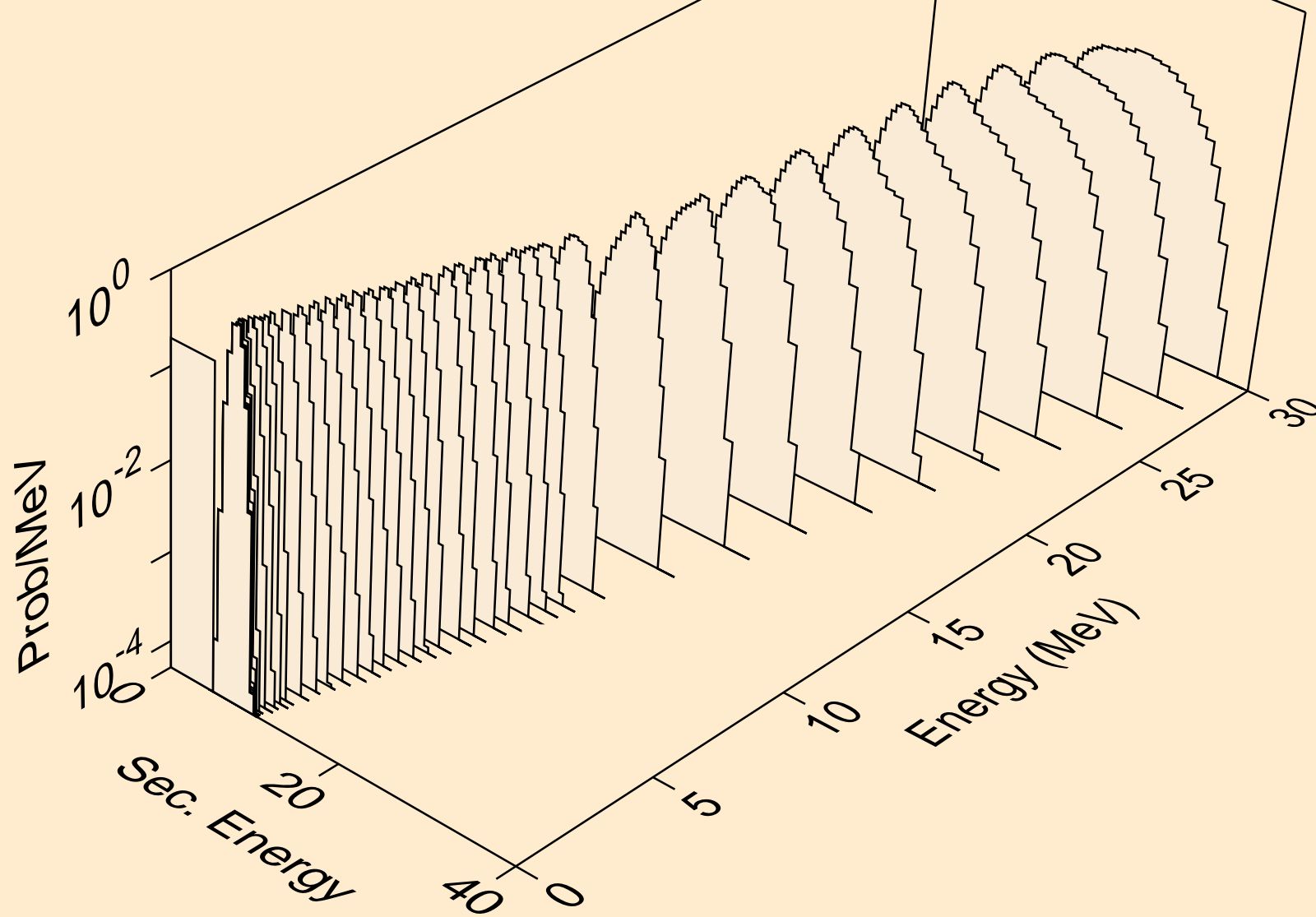
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



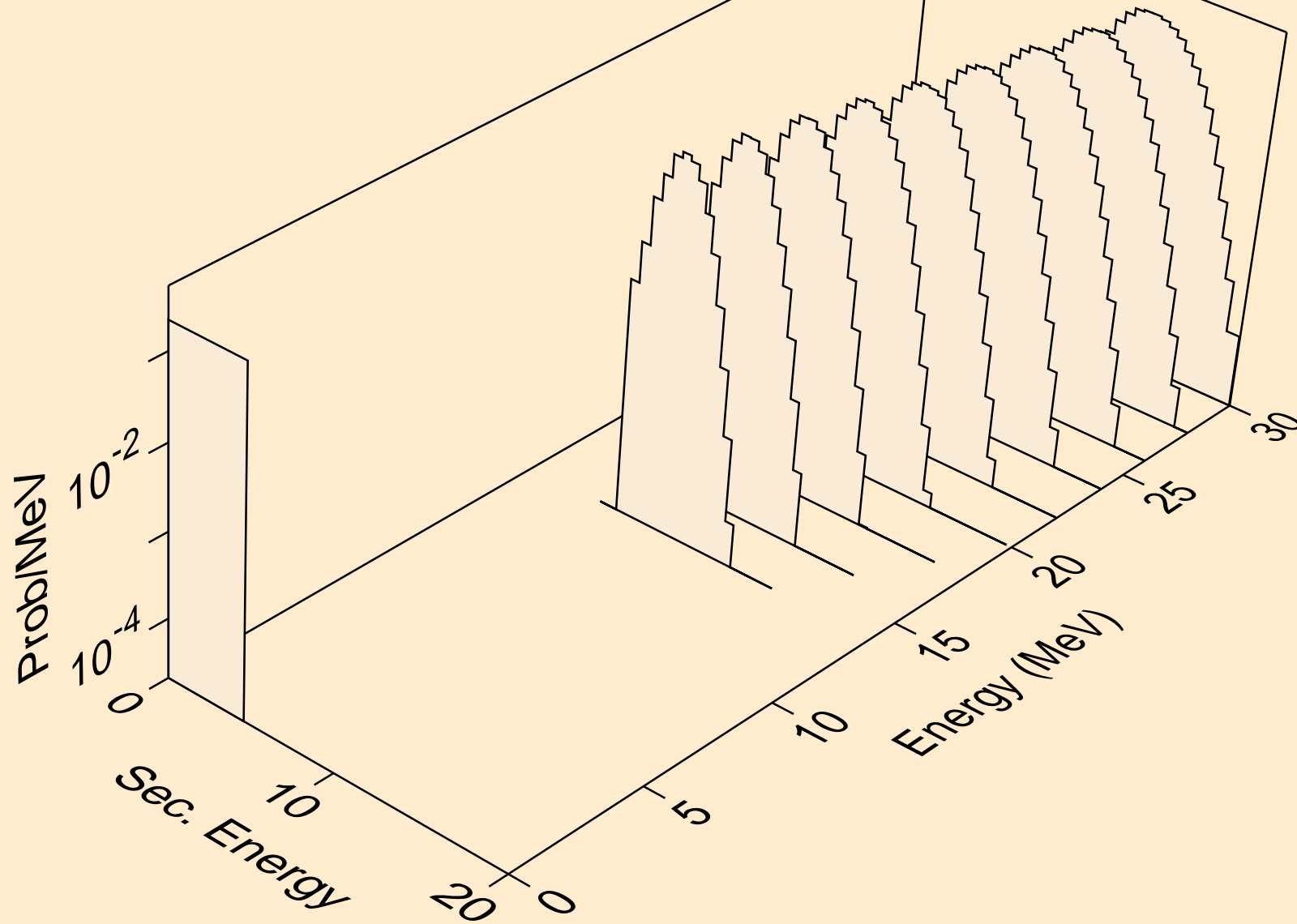
YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,p)



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



YB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

