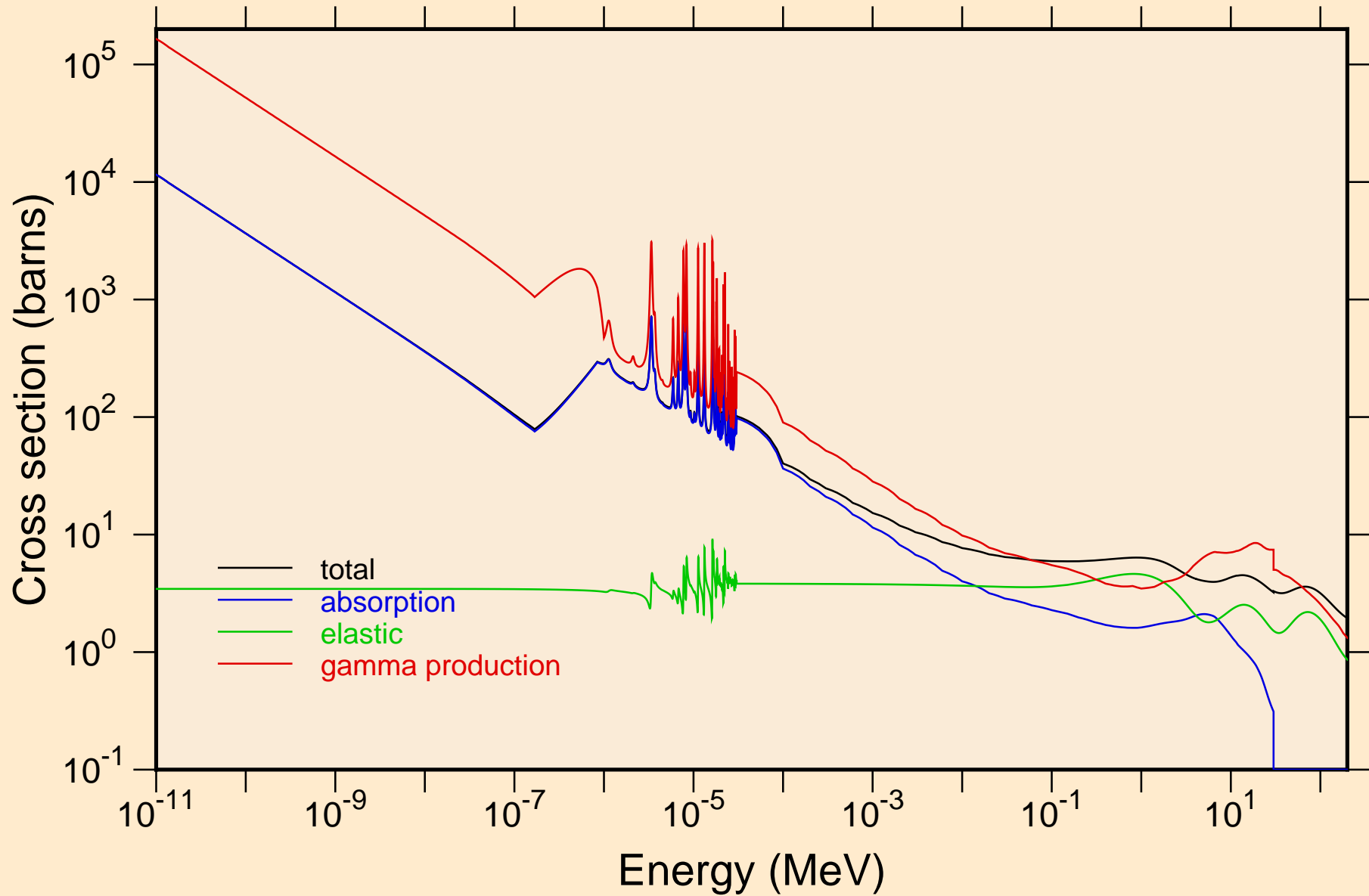
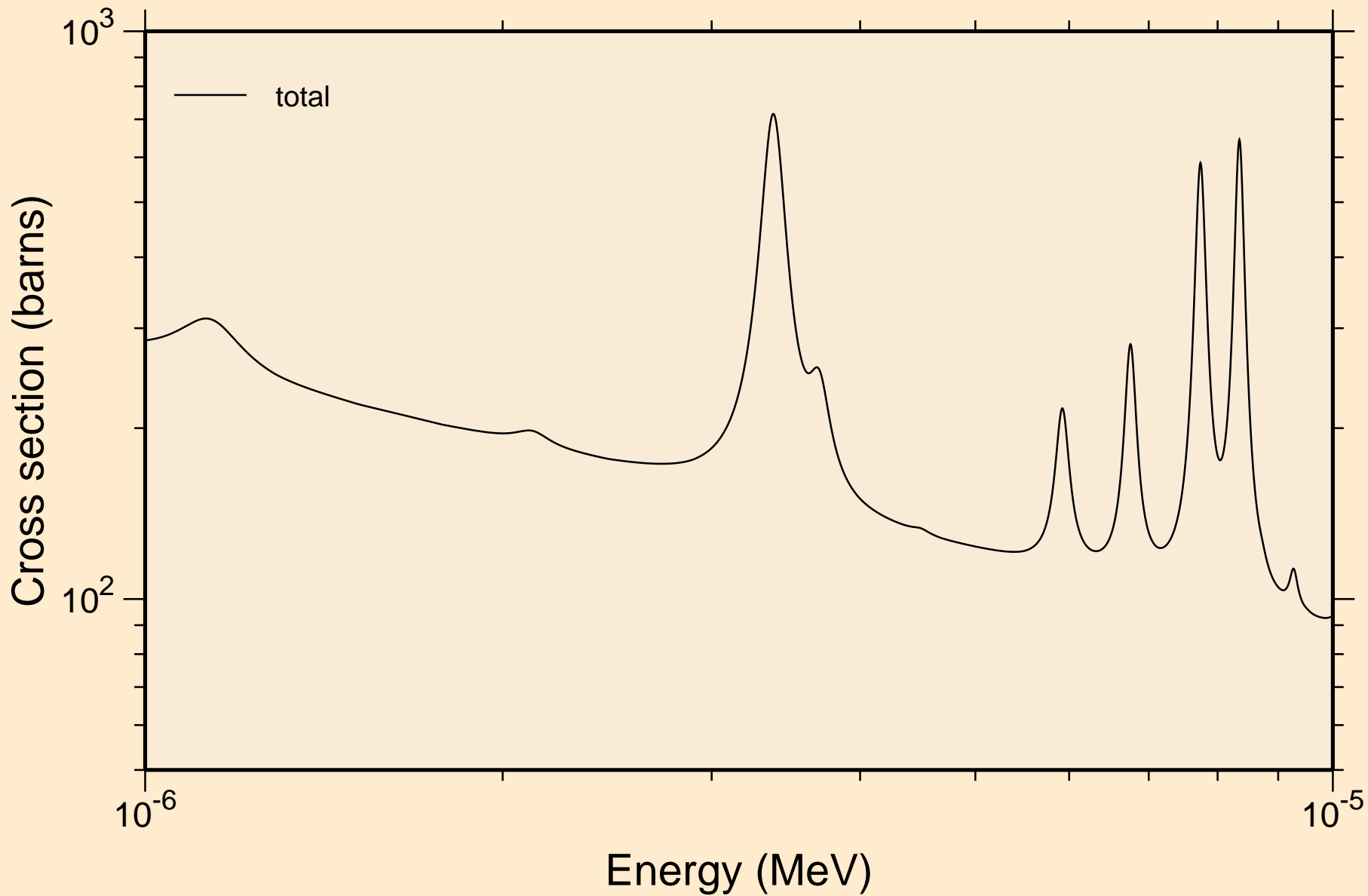


# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

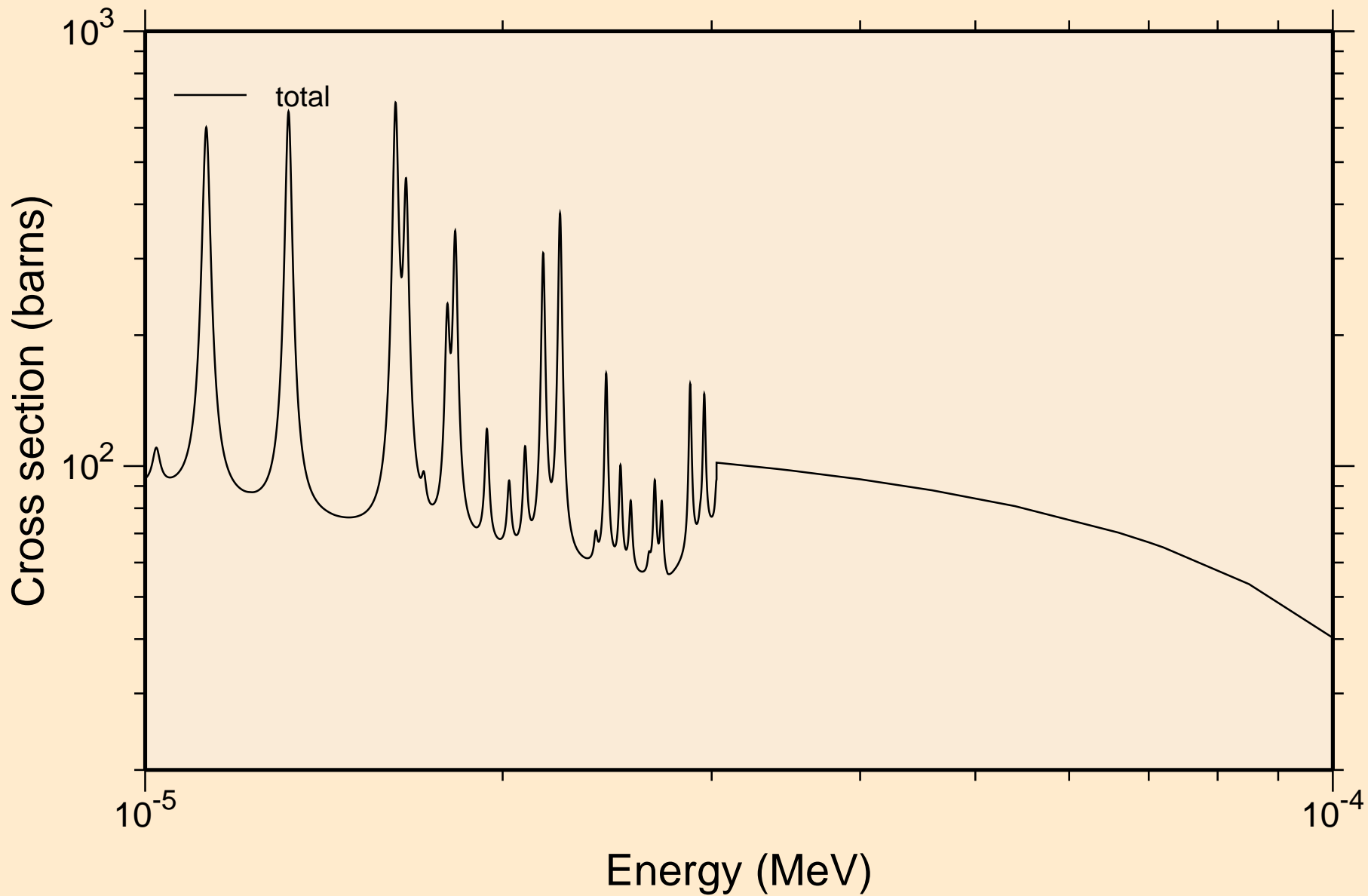
## Principal cross sections



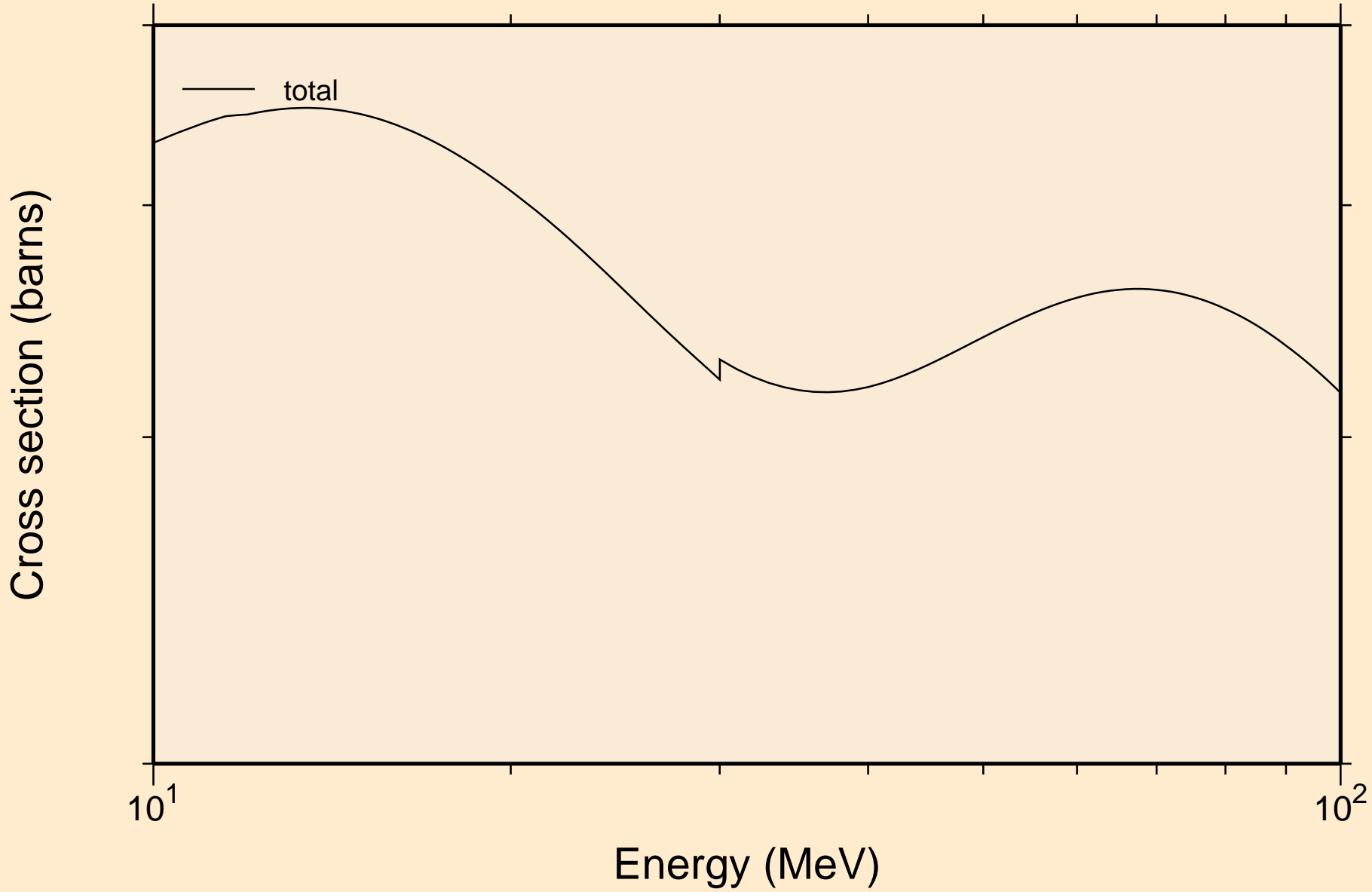
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



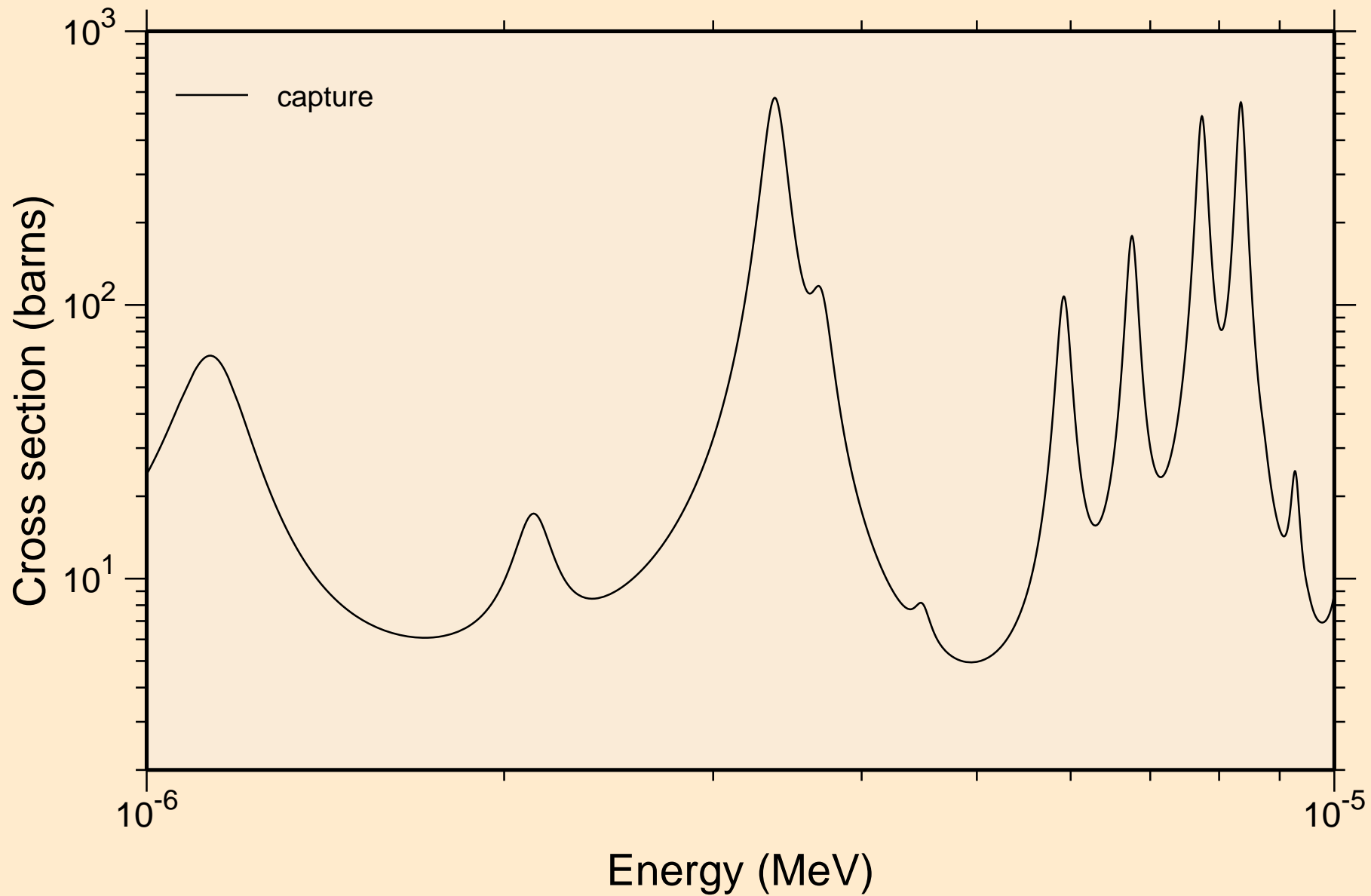
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



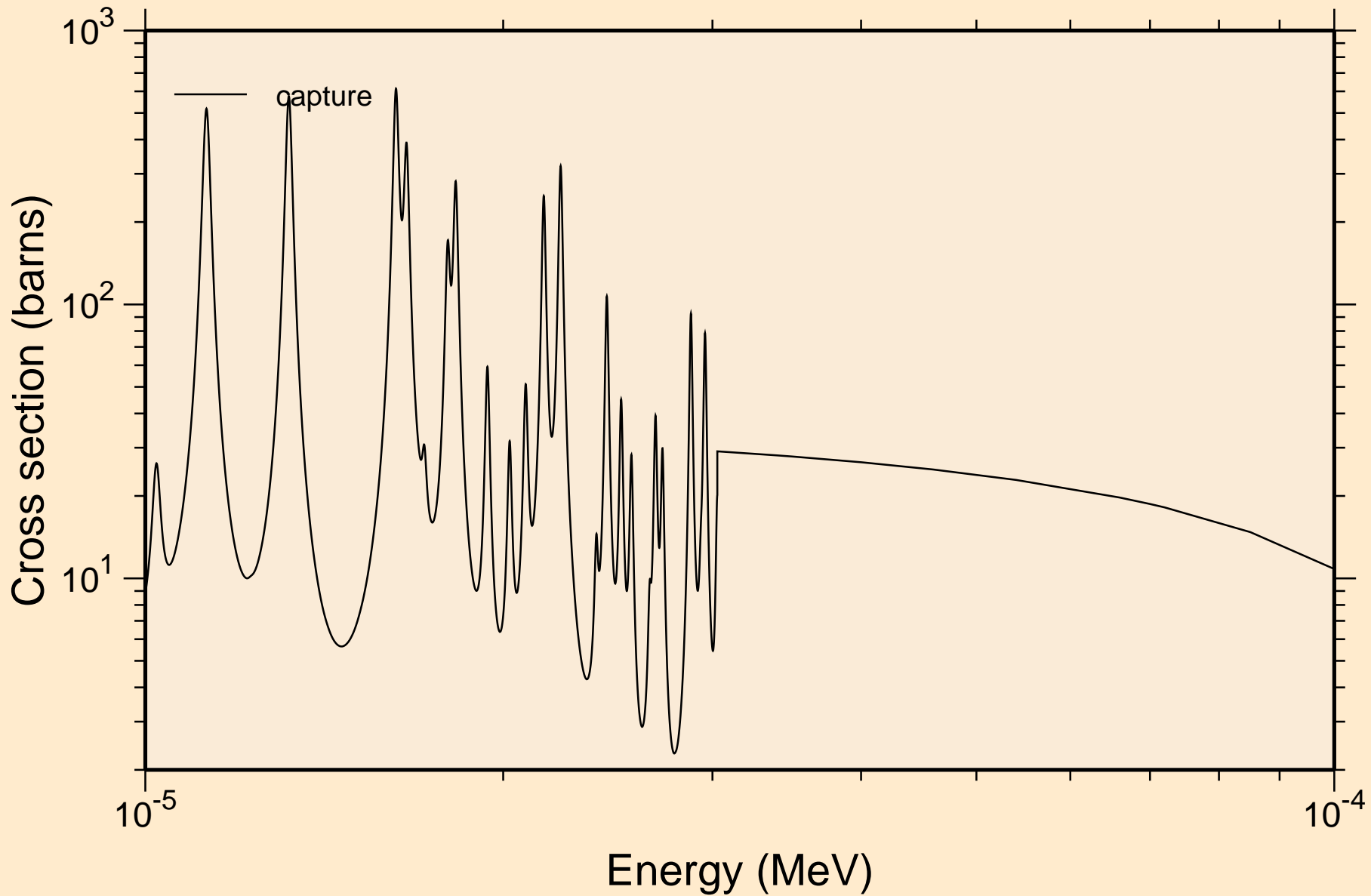
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



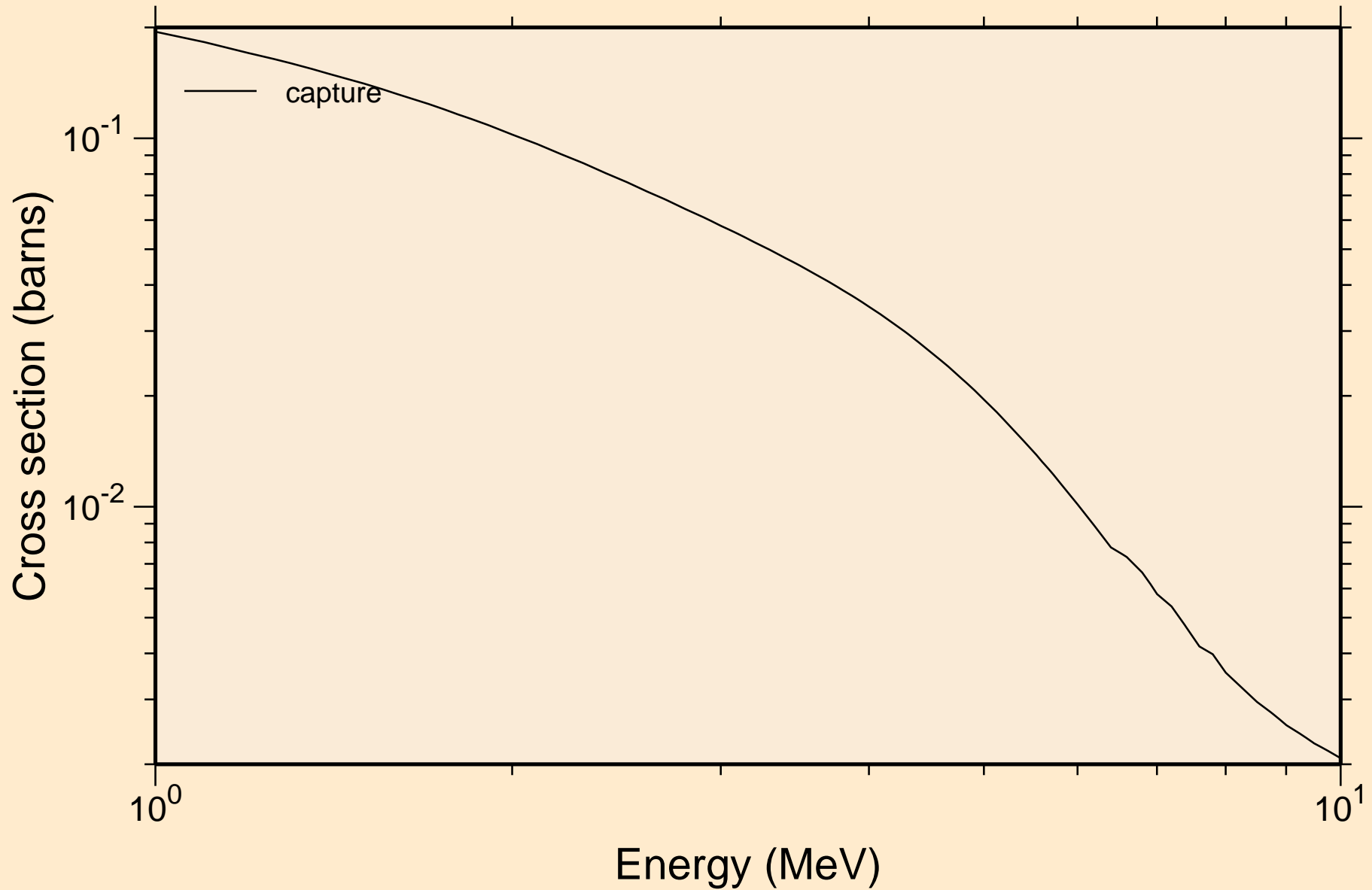
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



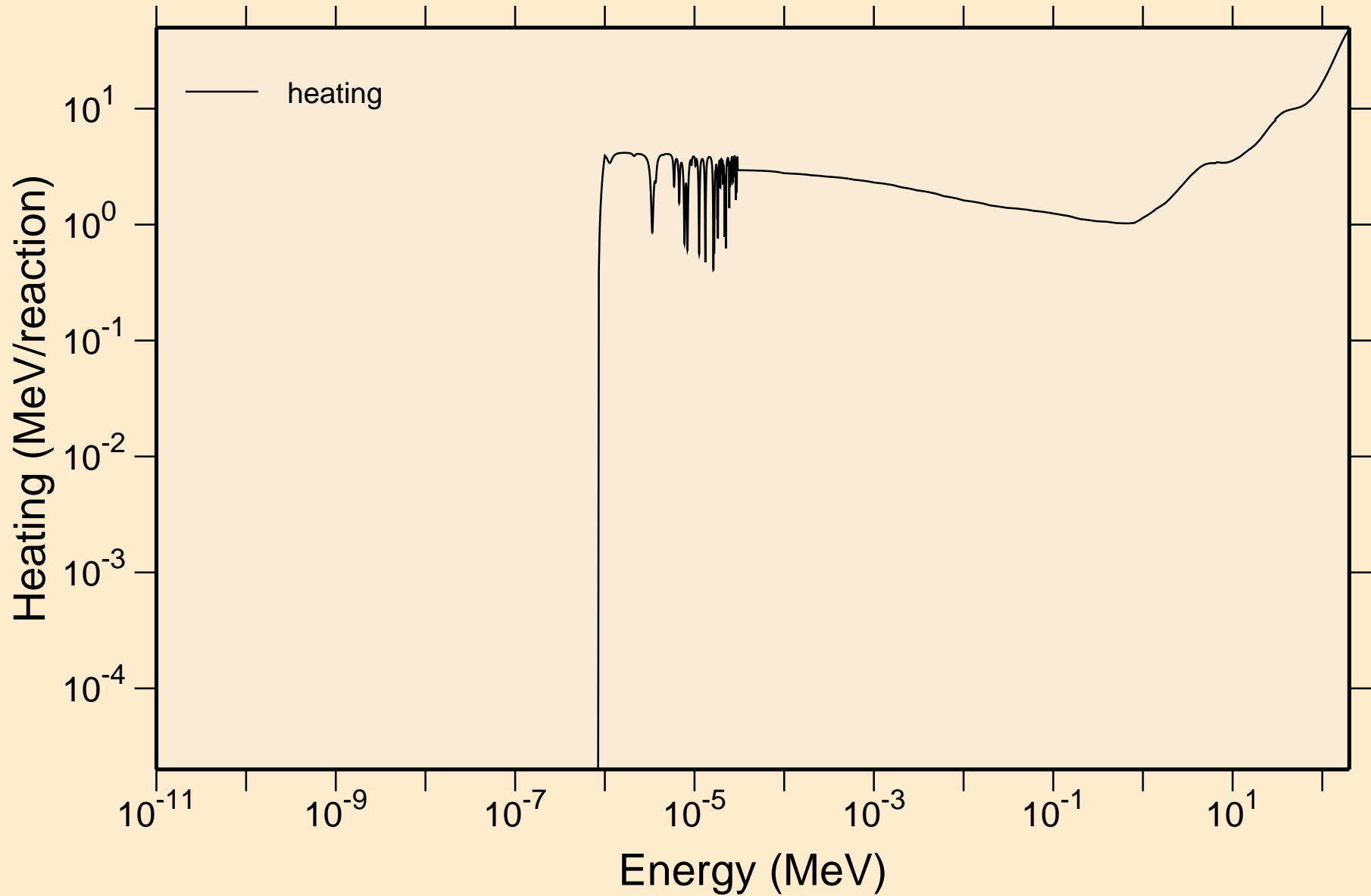
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

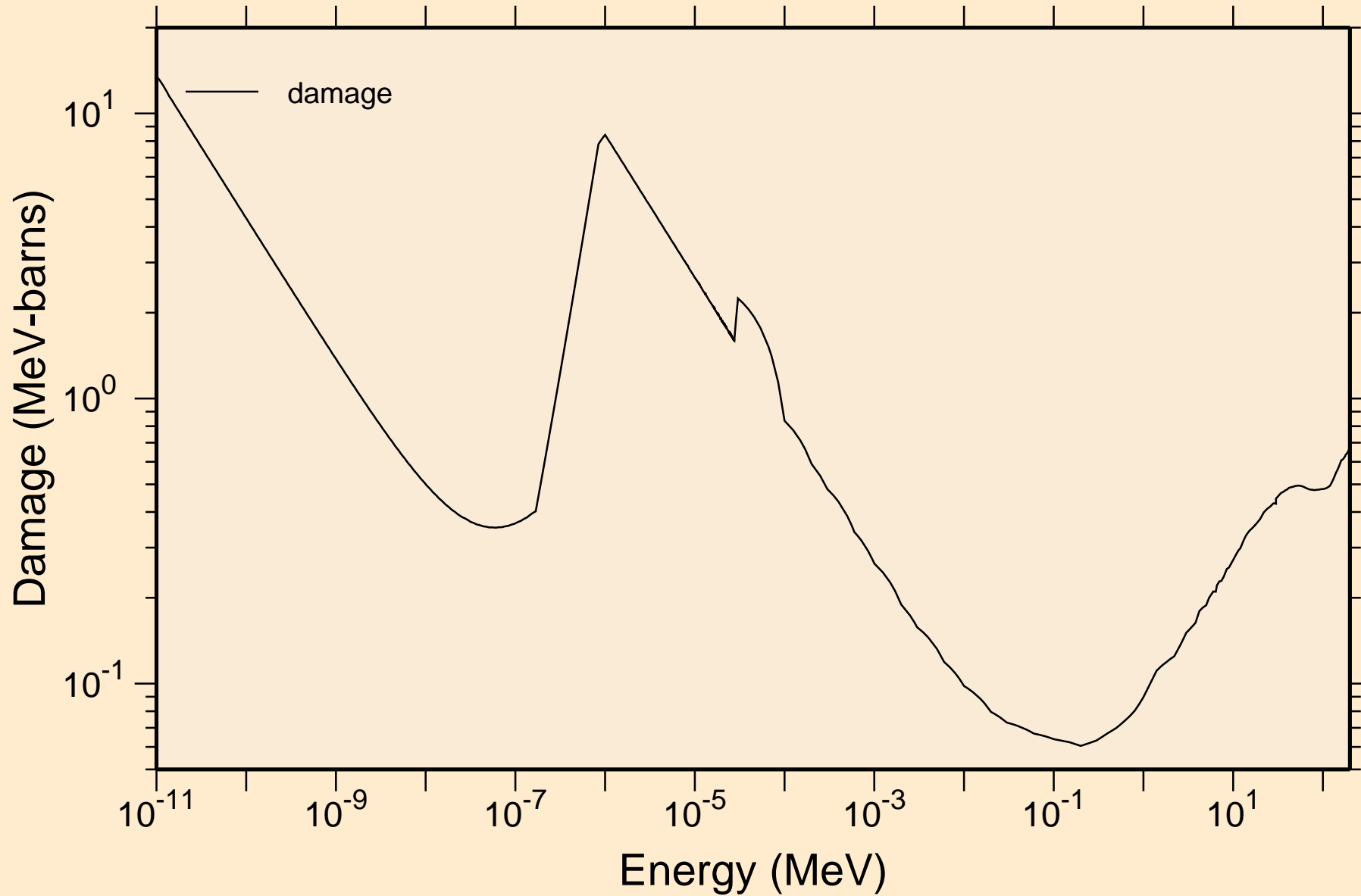


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



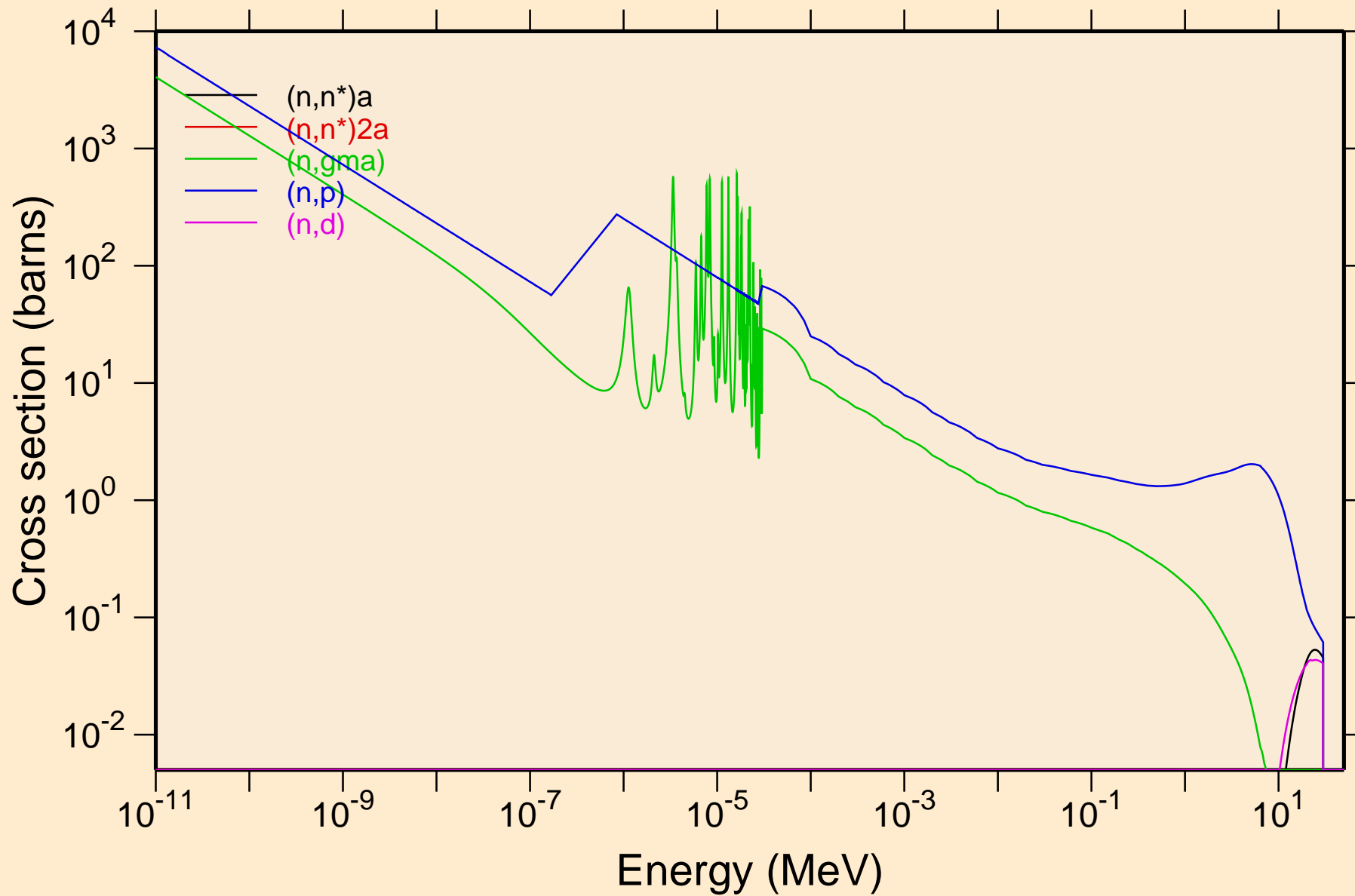


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



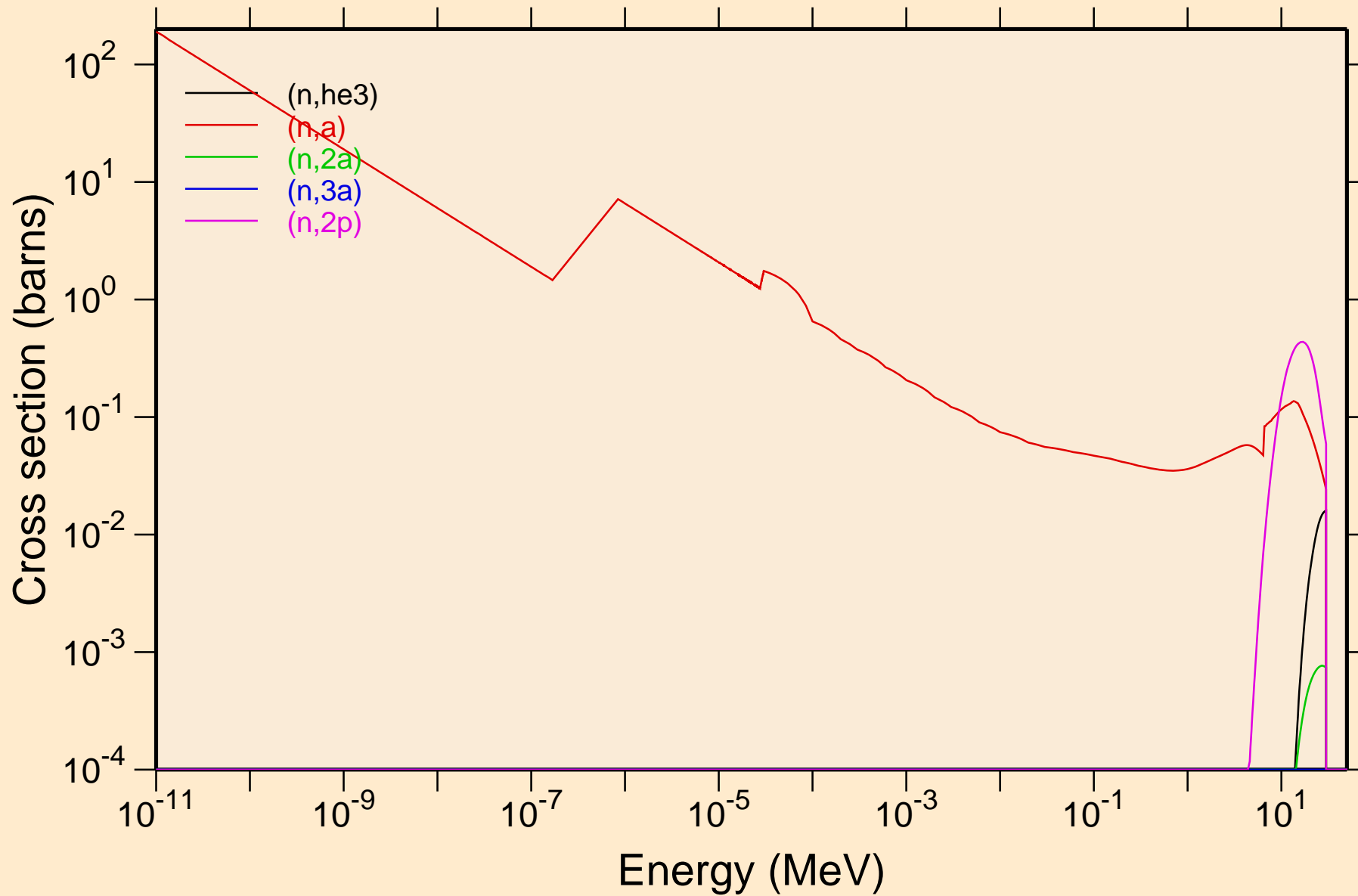
# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



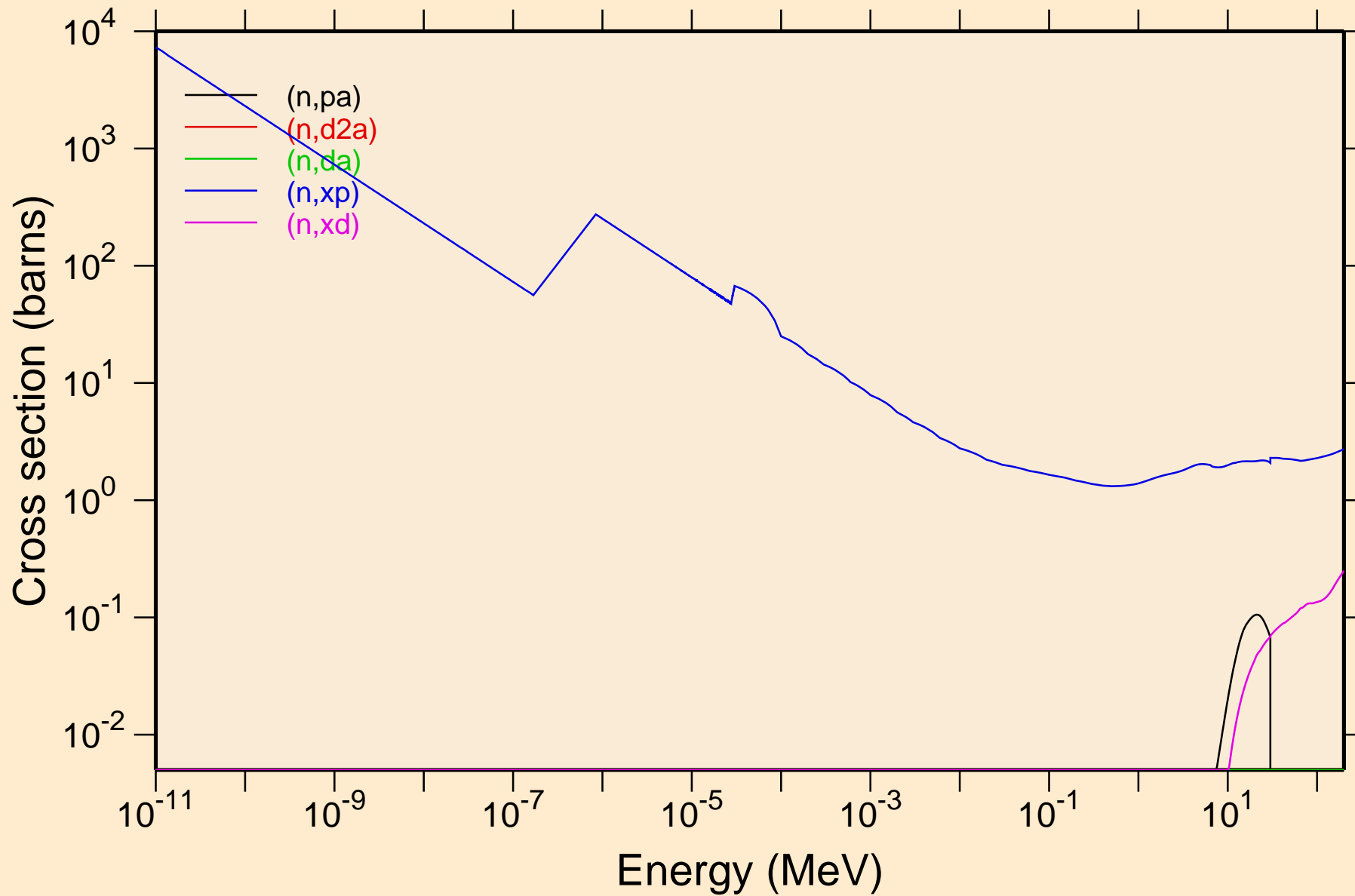
# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

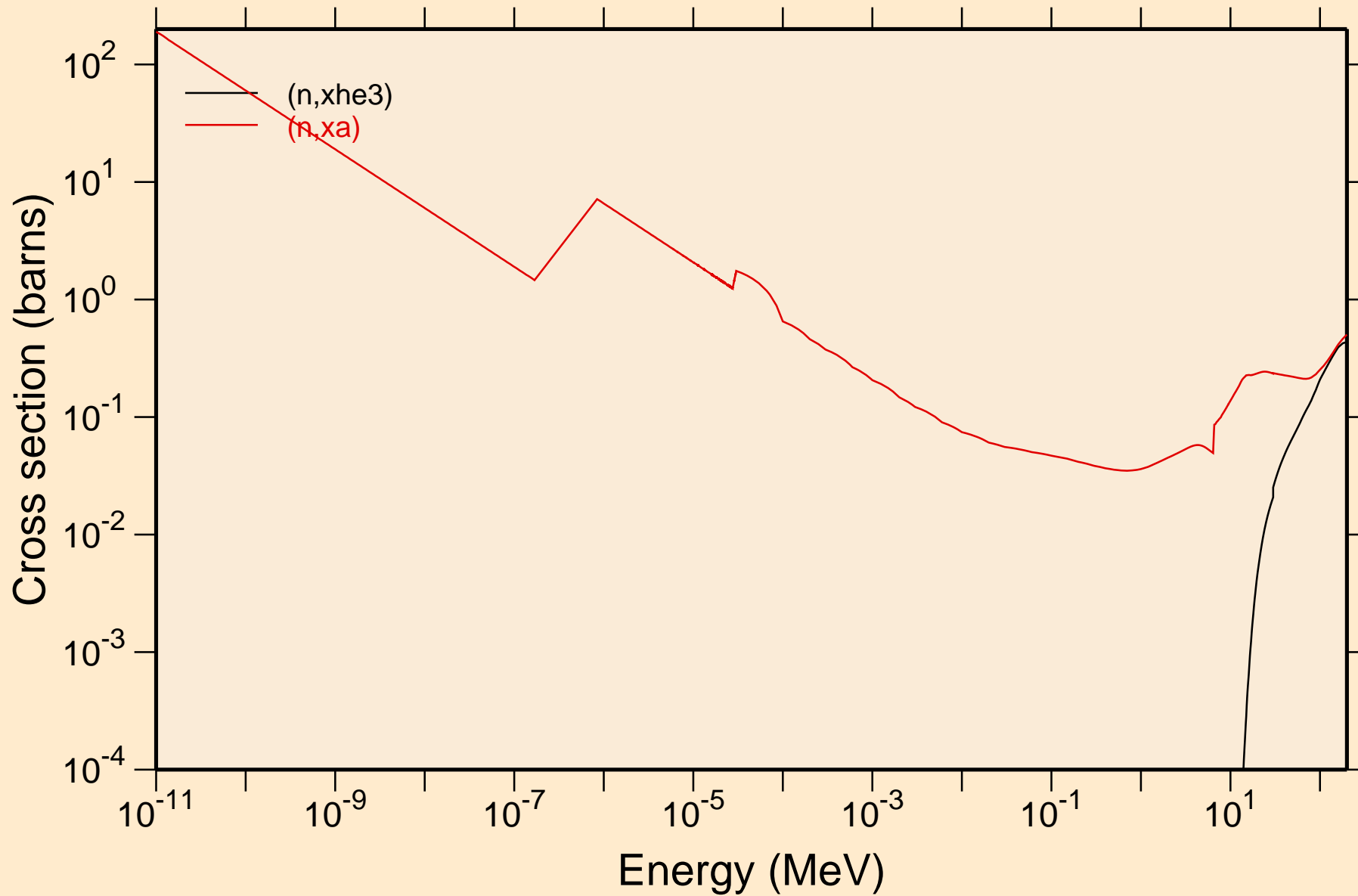


# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

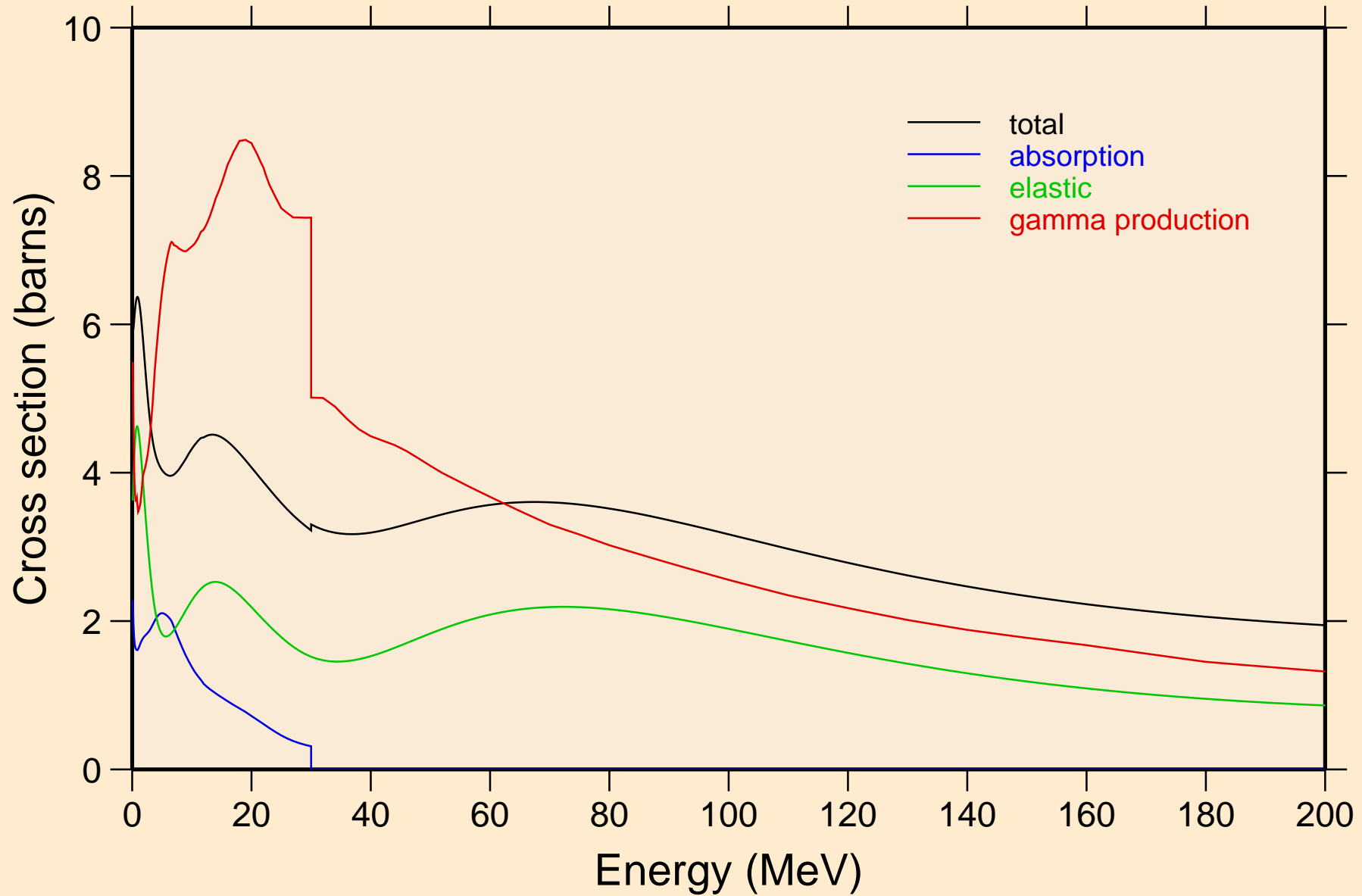


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



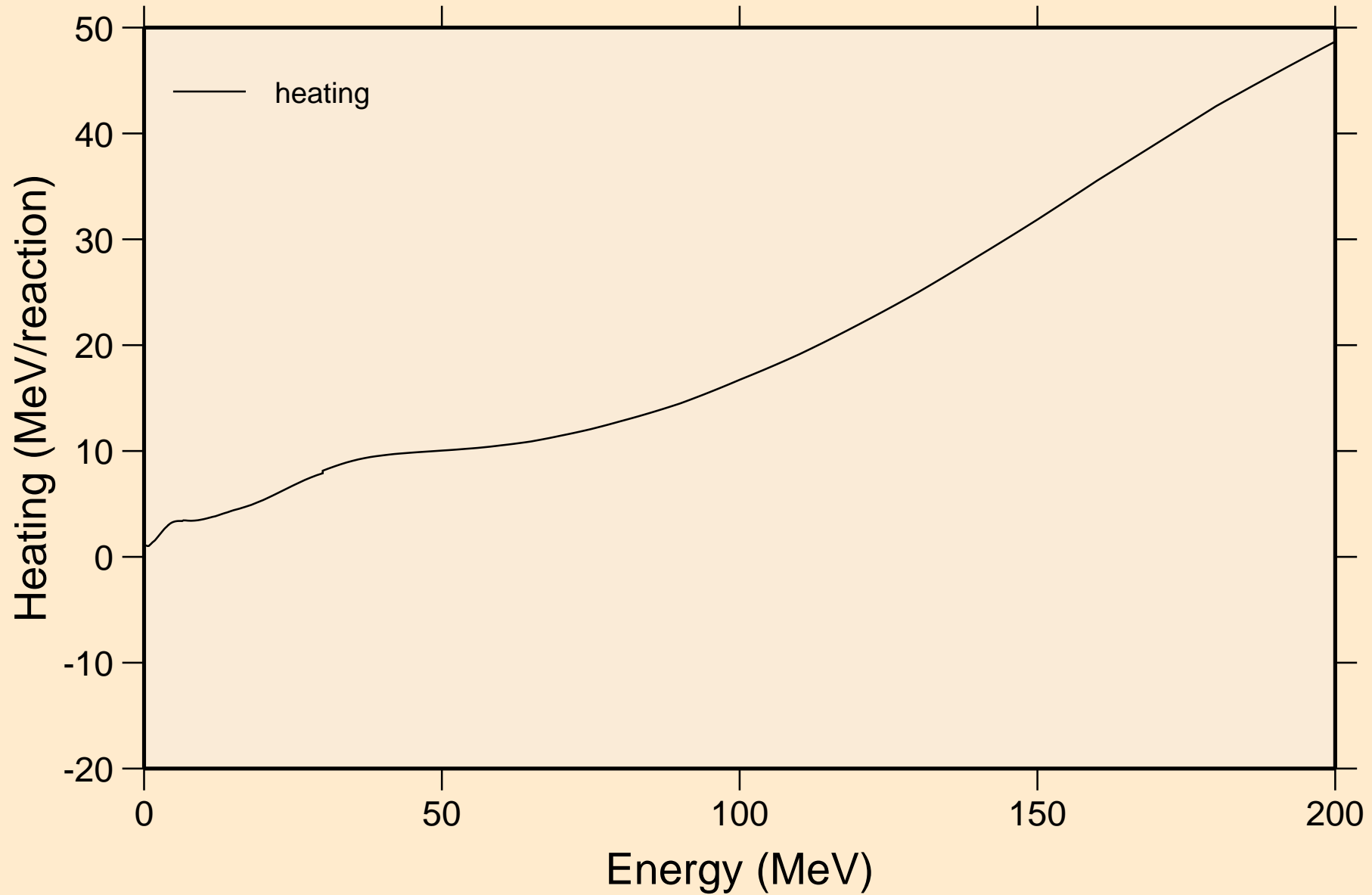
# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



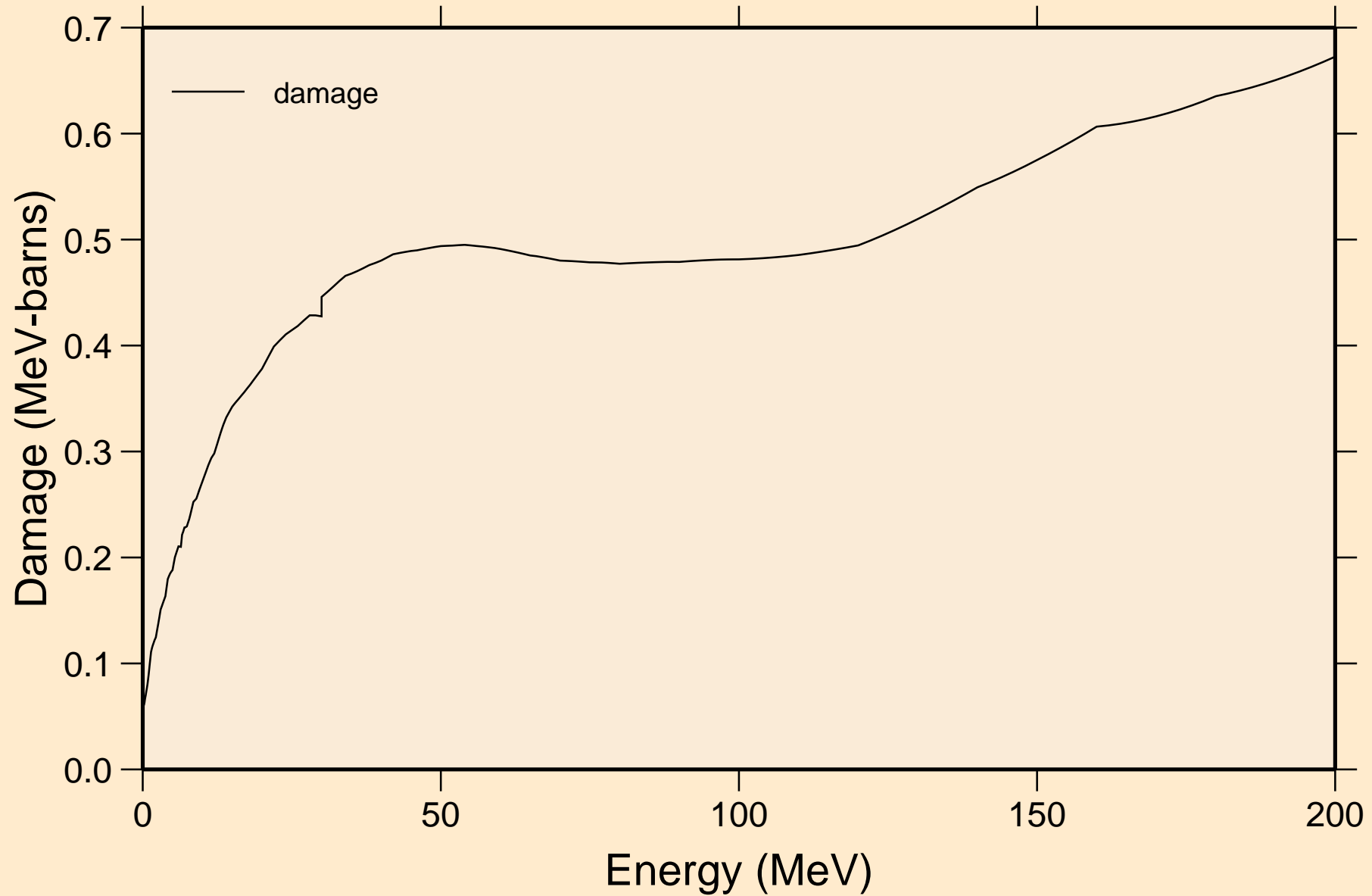
# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

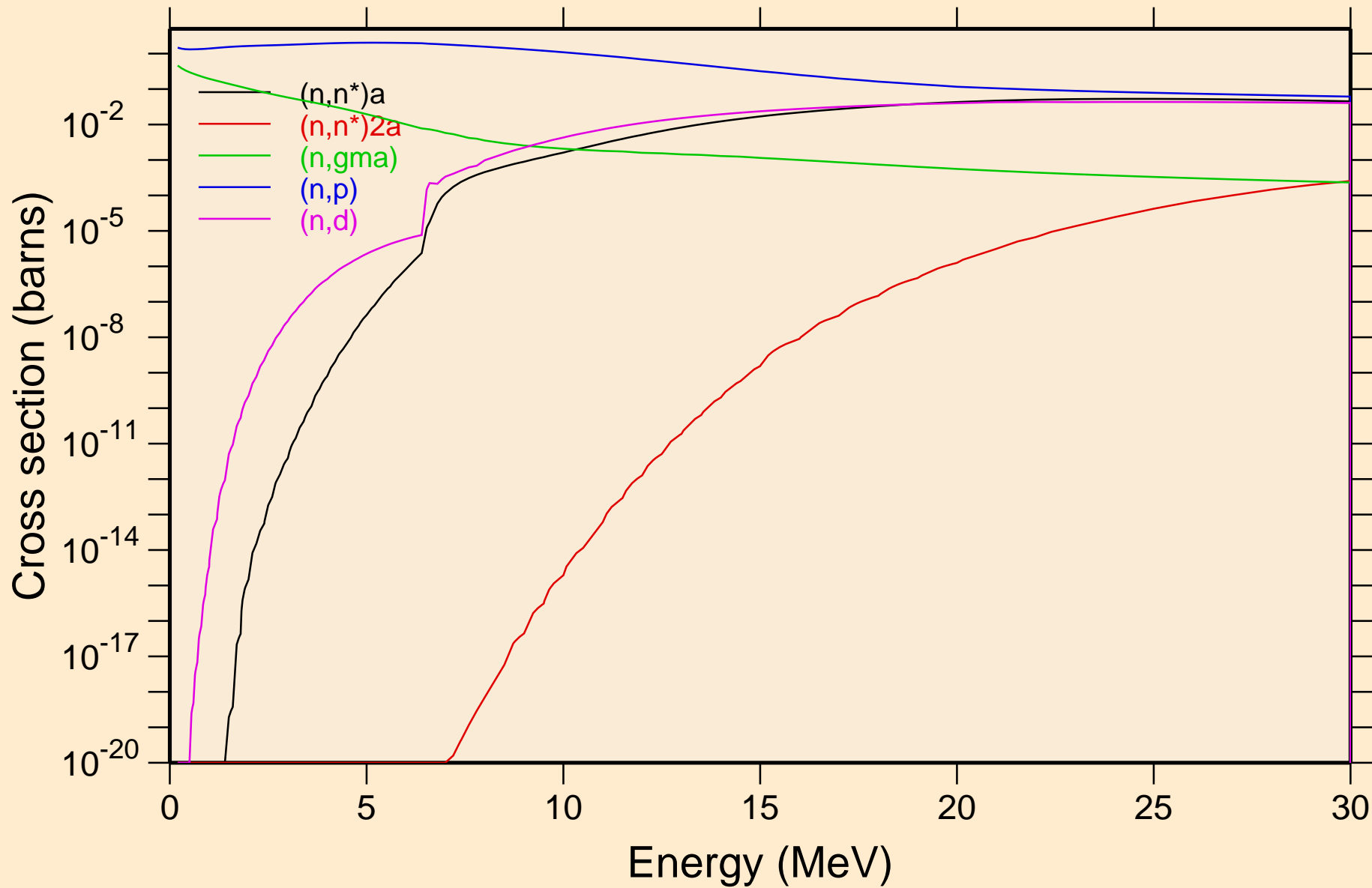
## Damage



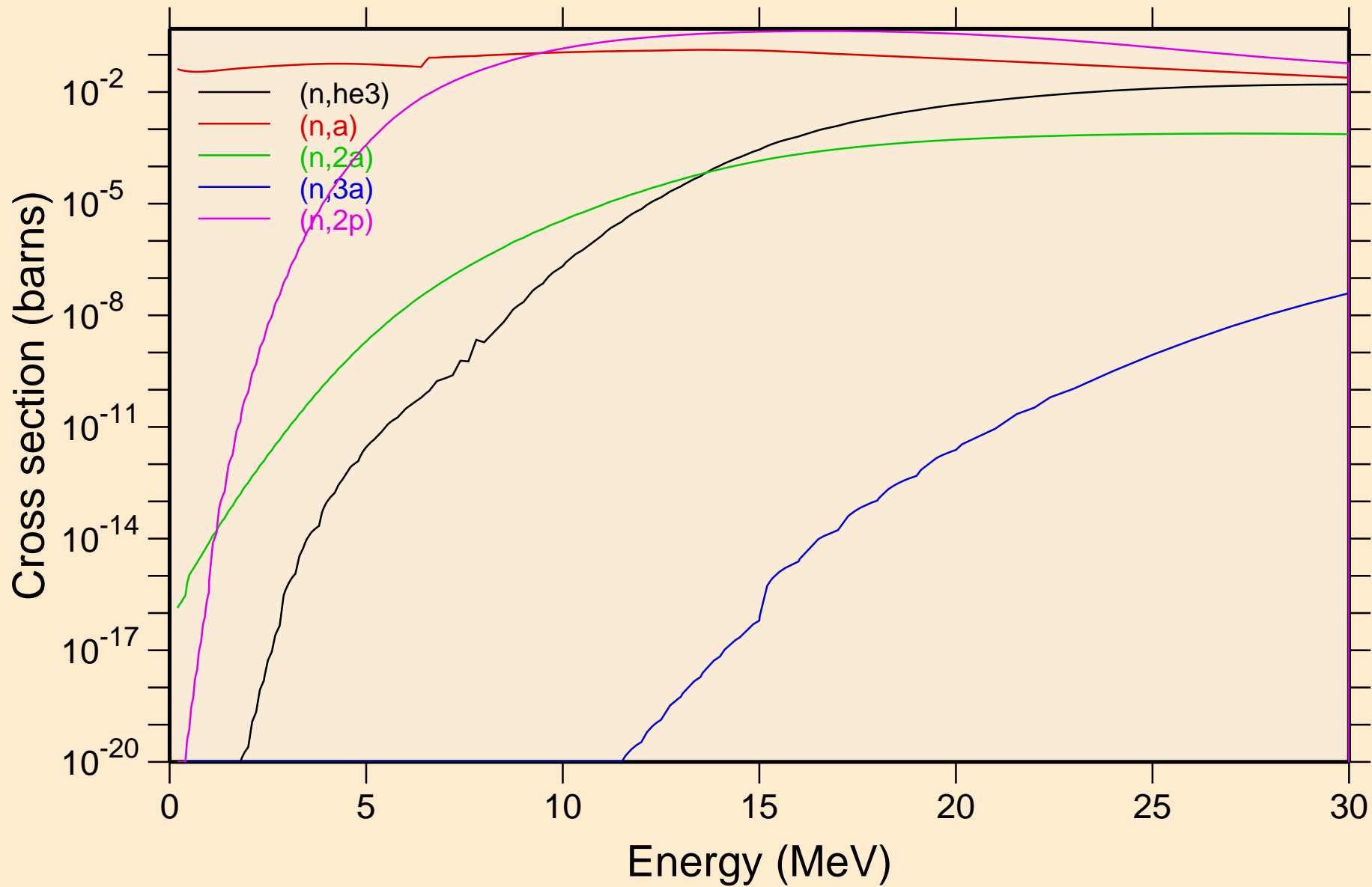


# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

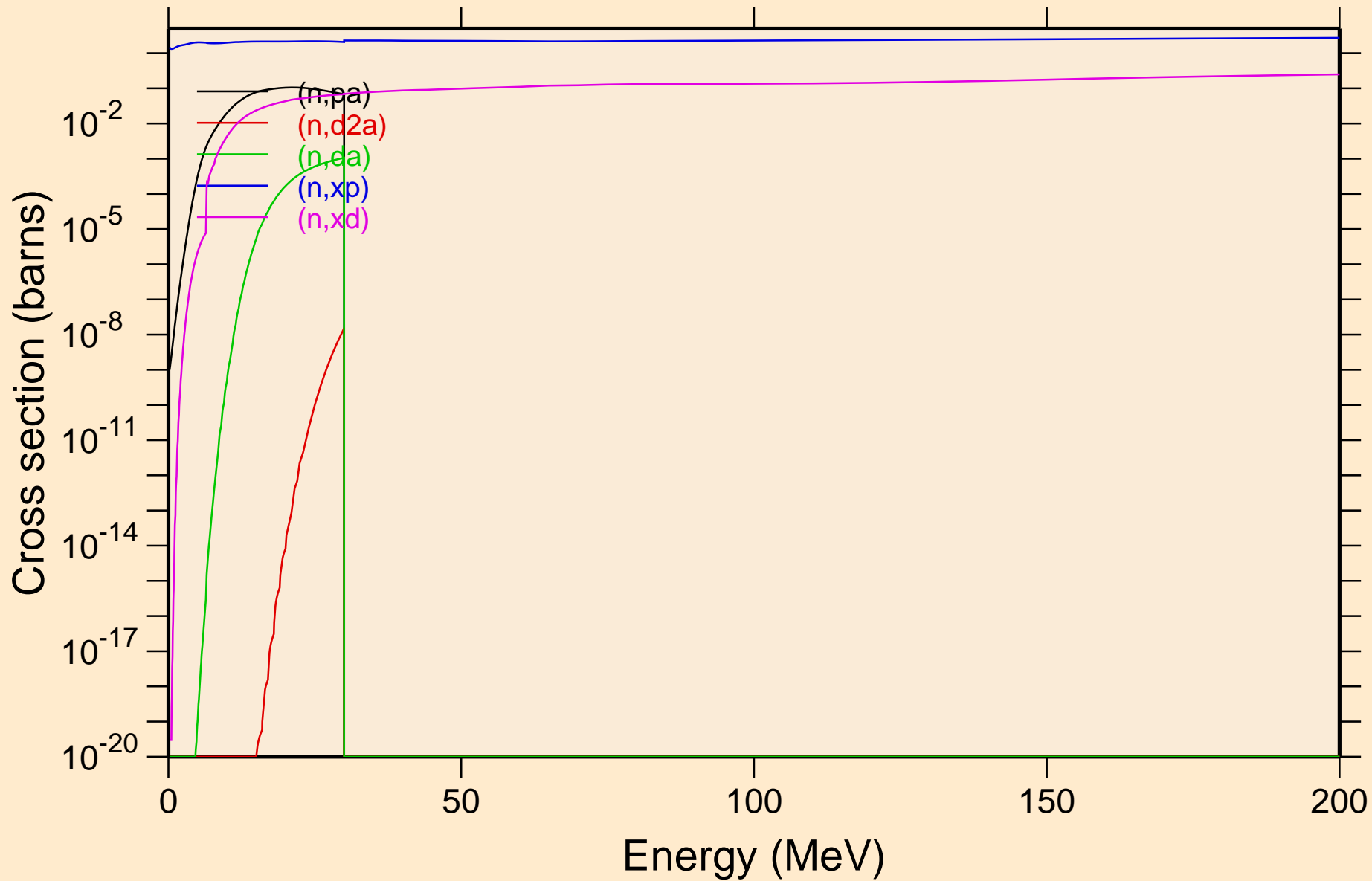


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

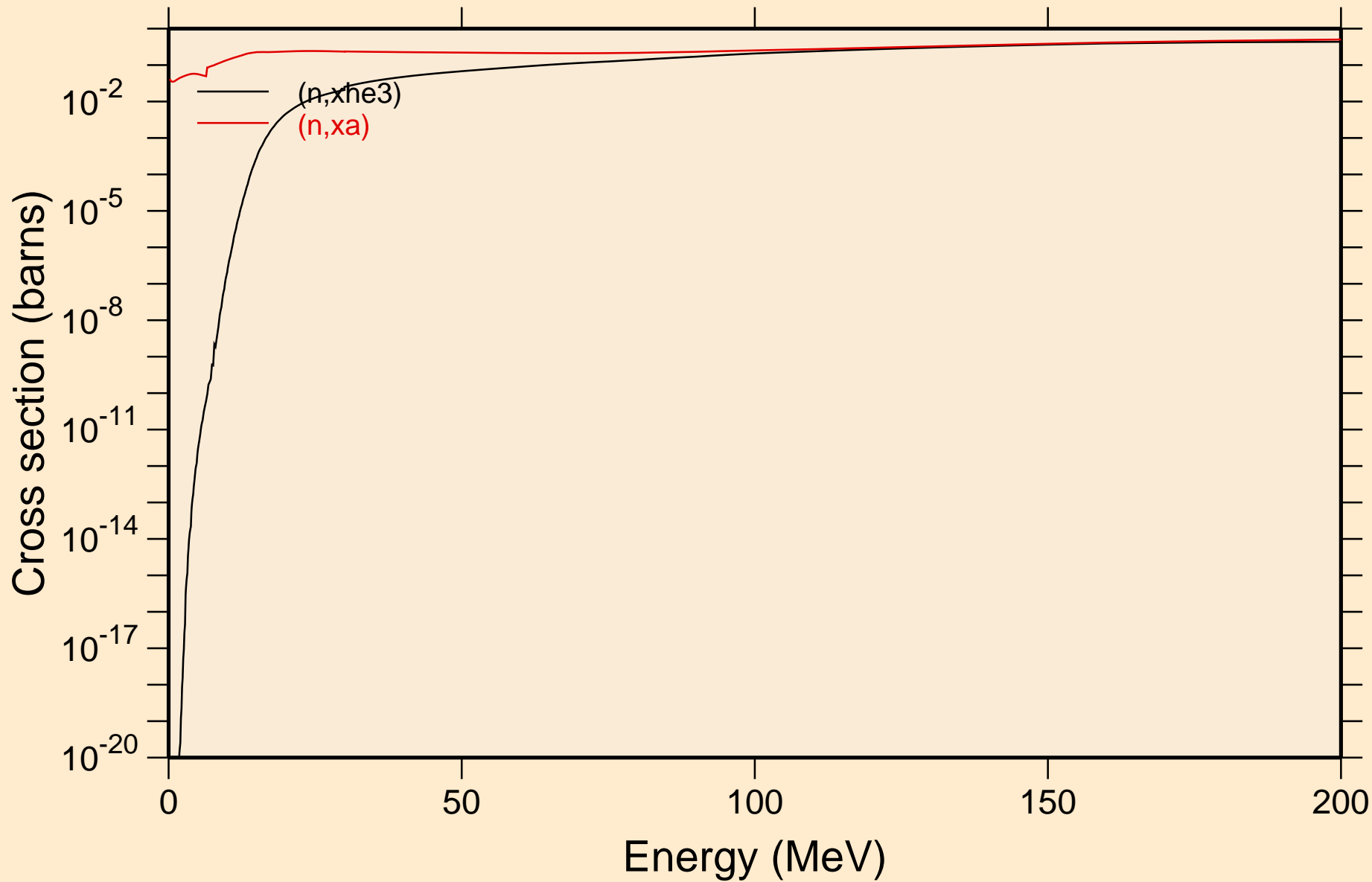


# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

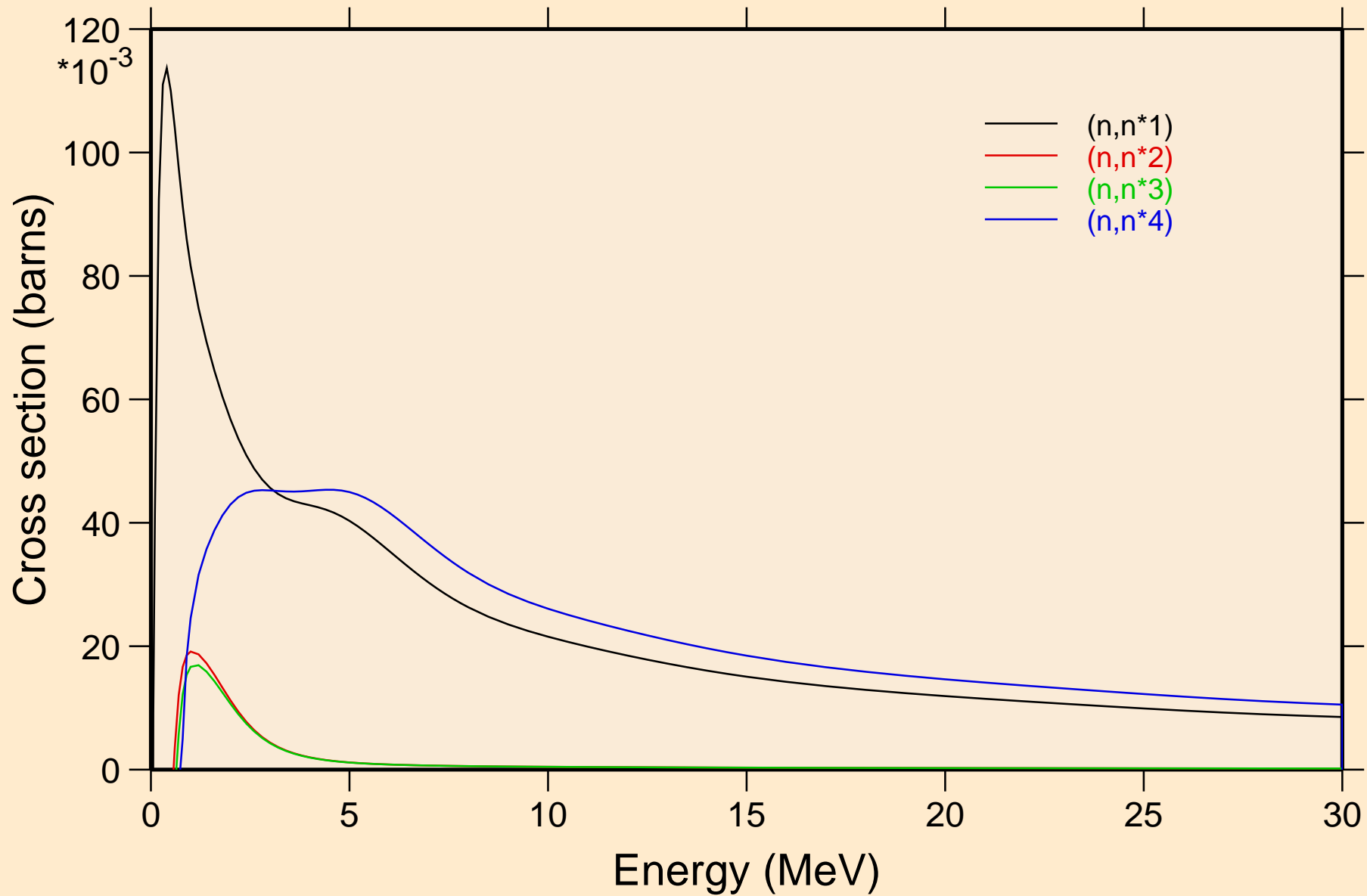


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



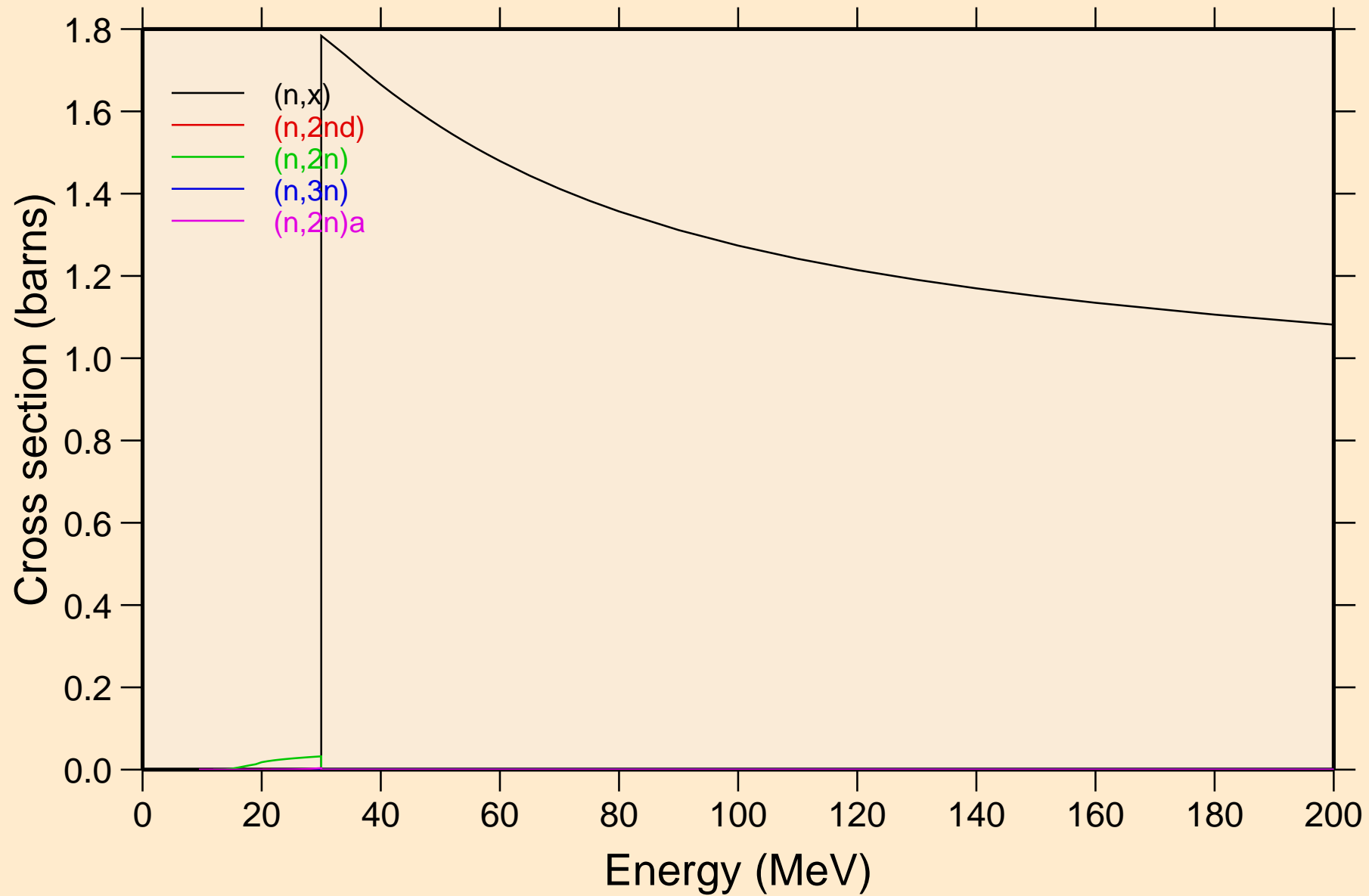
# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

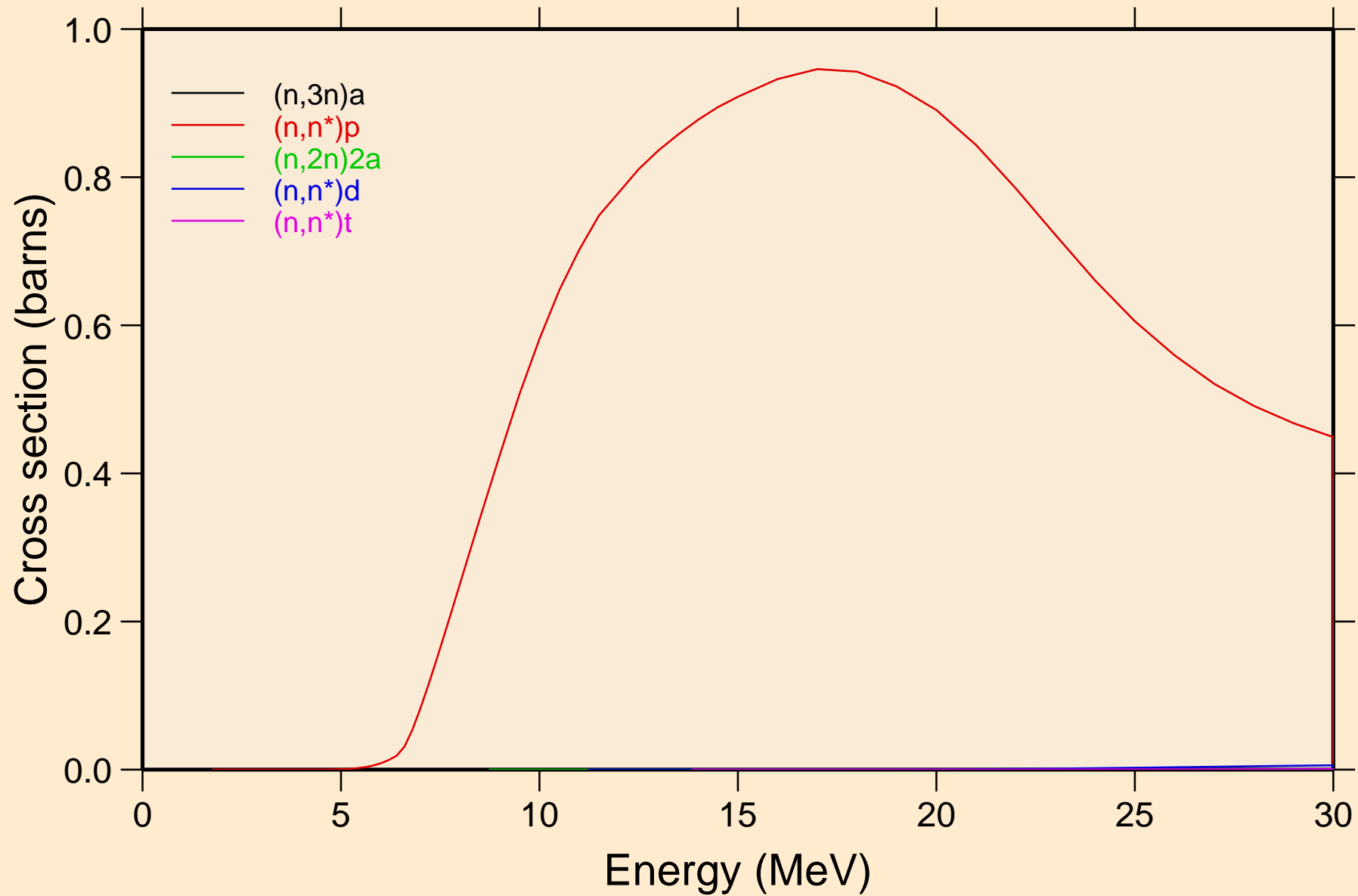


# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

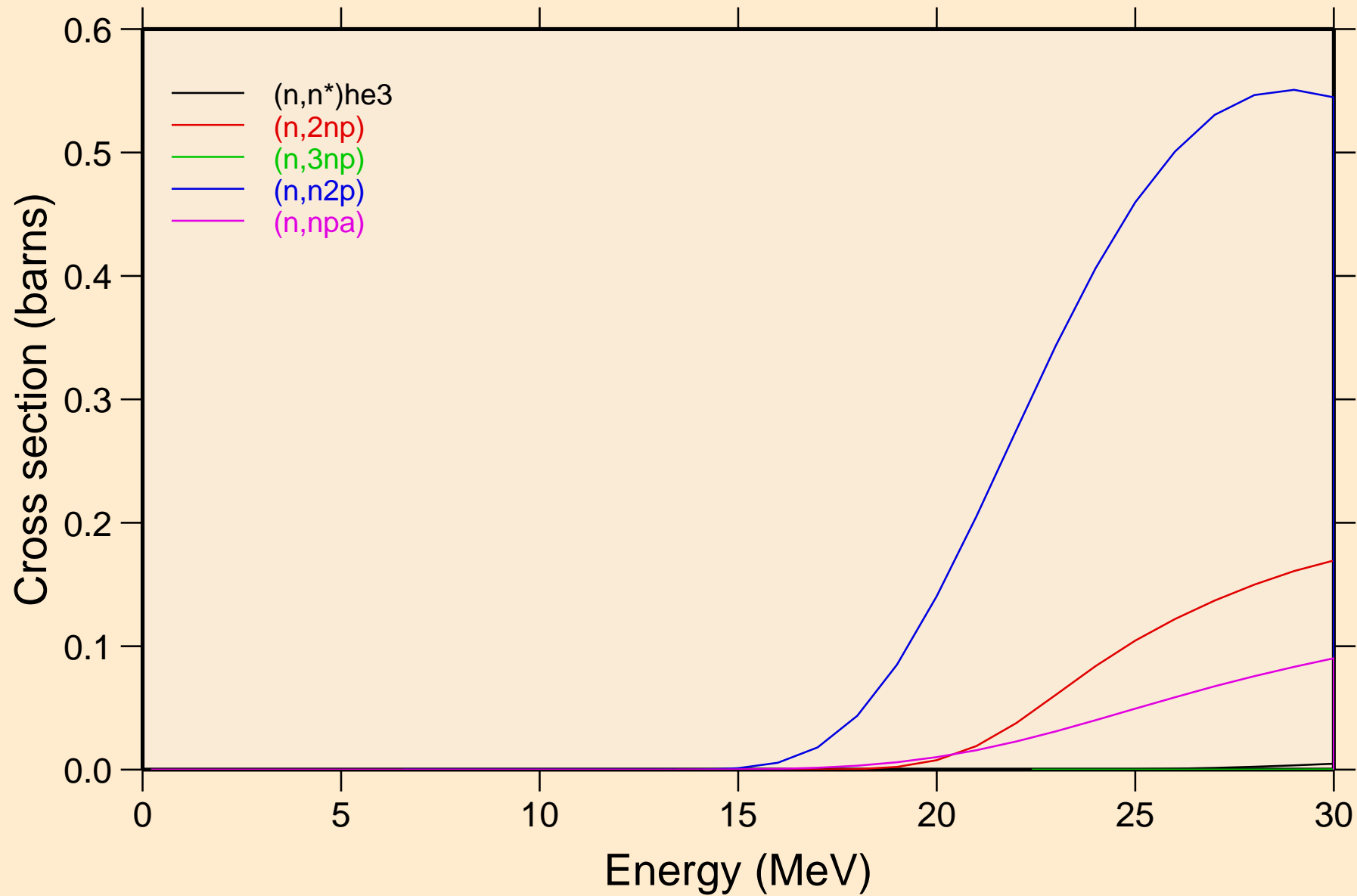


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

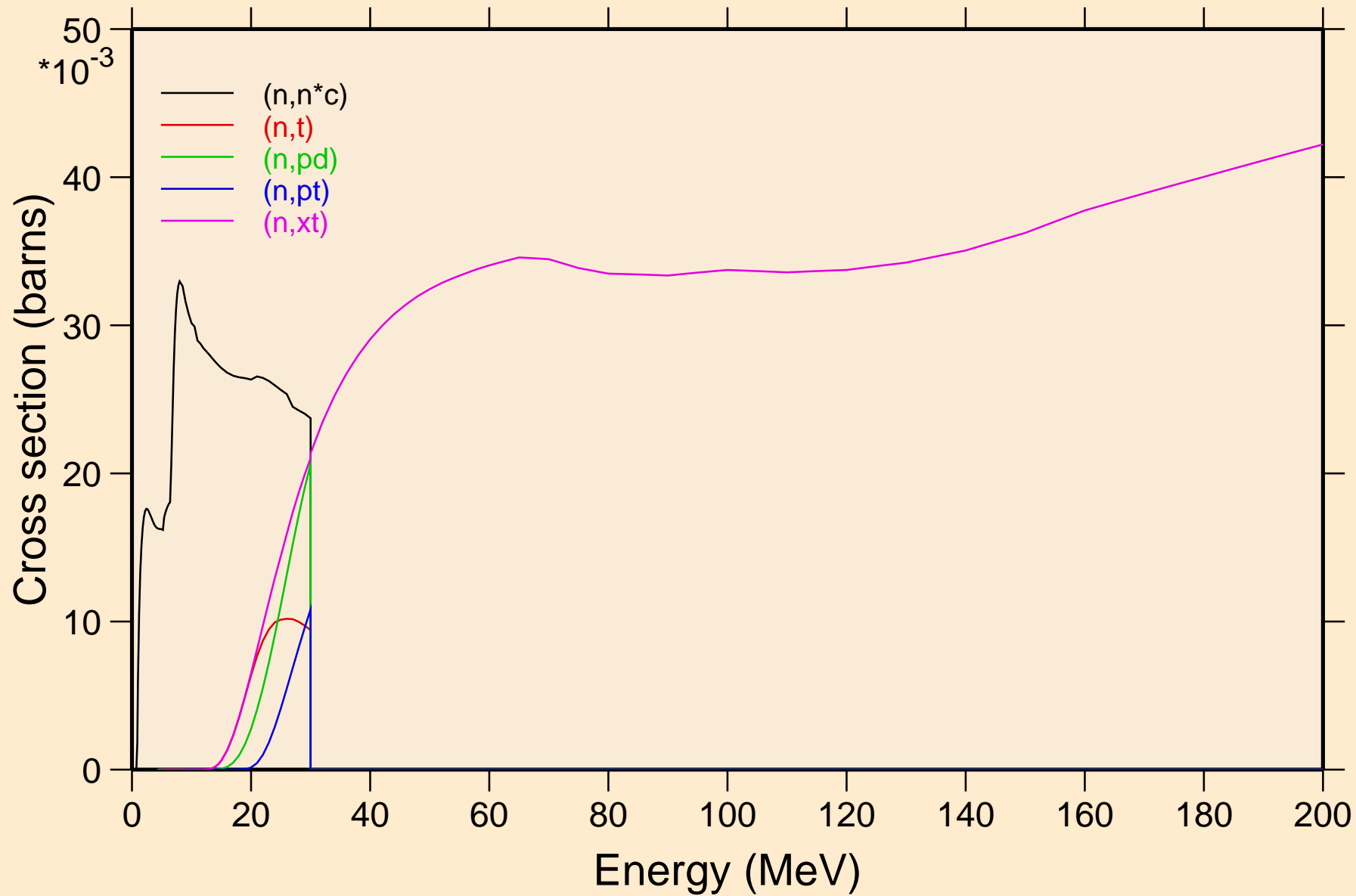
## Threshold reactions



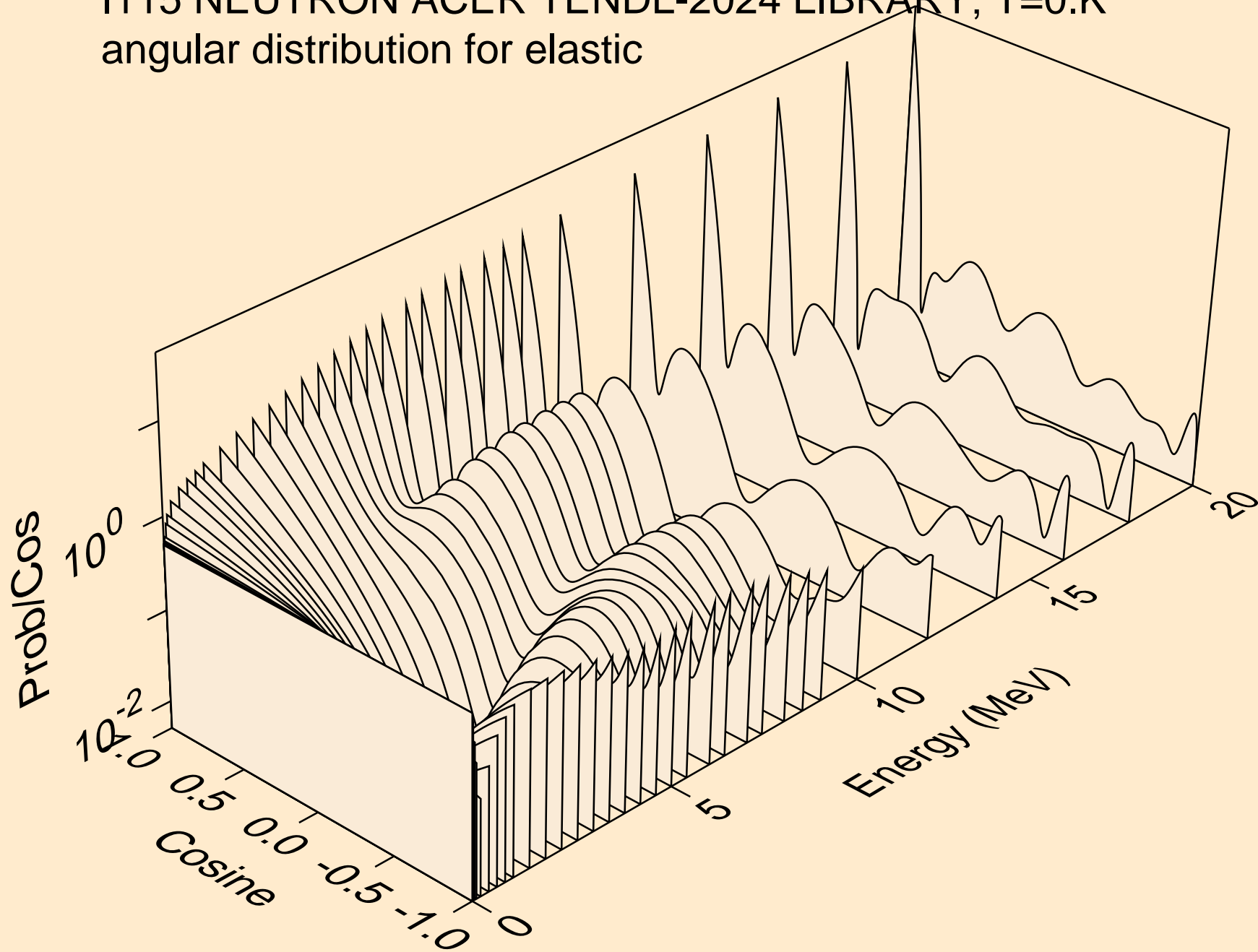


# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

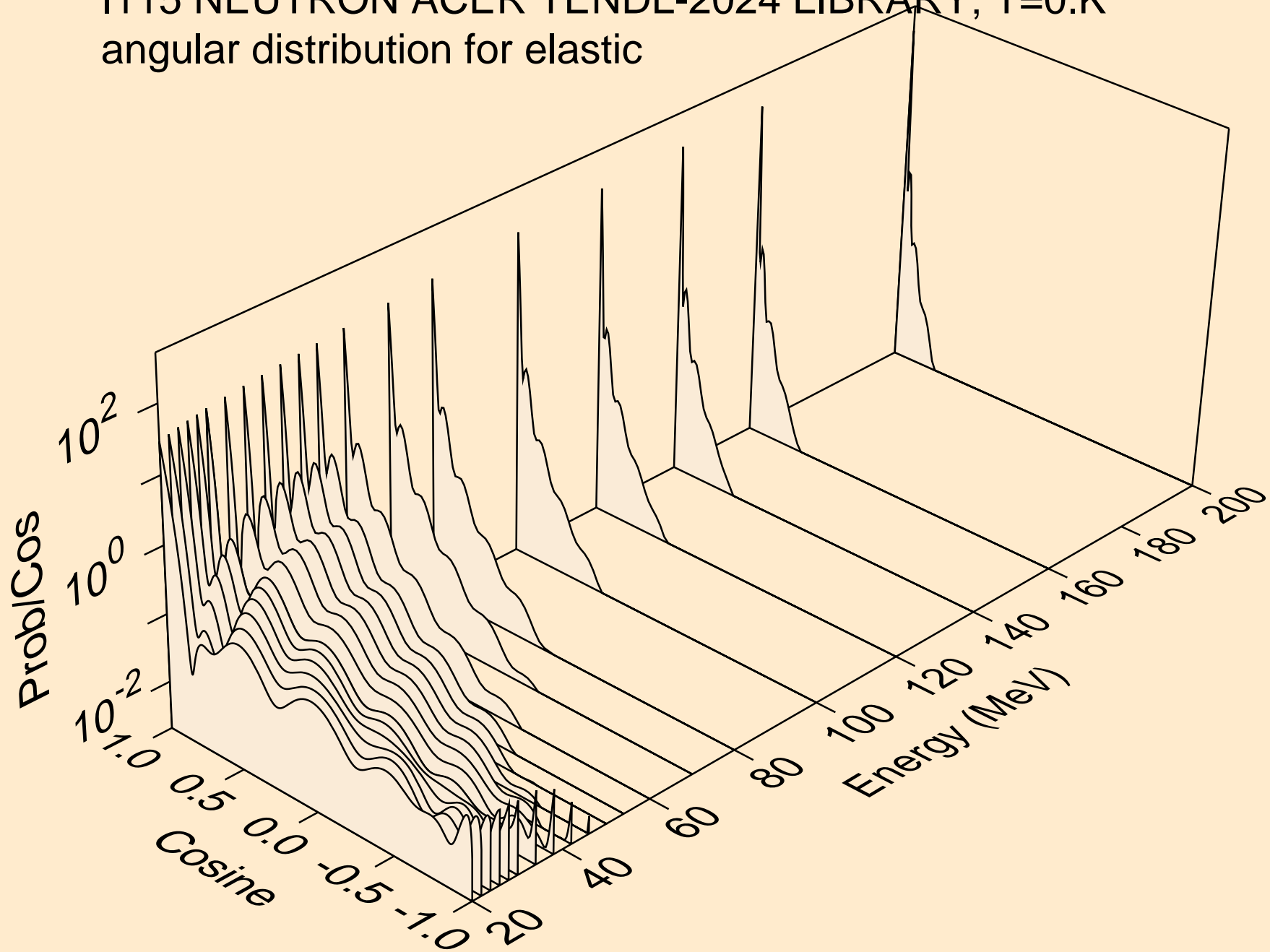
## Threshold reactions



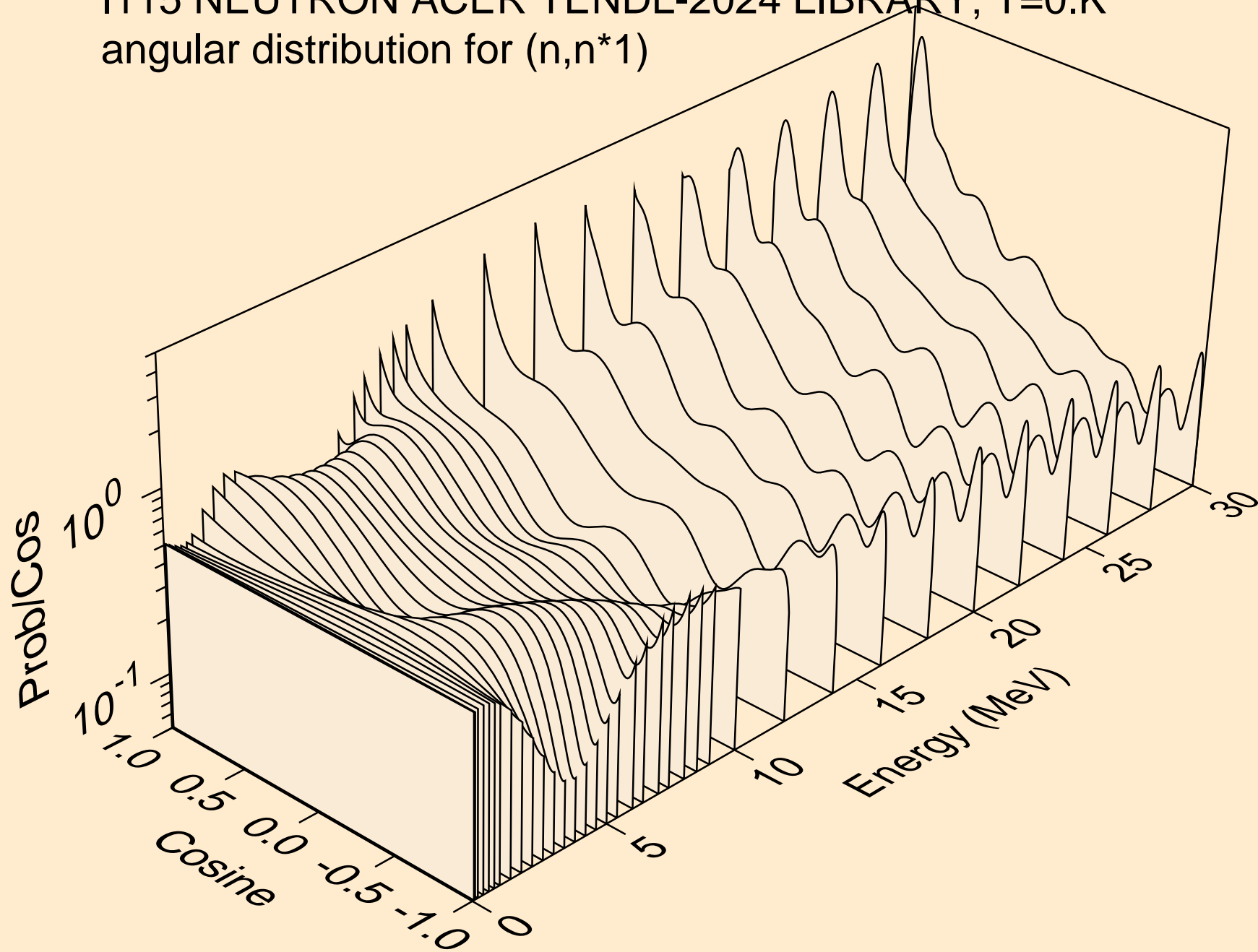
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



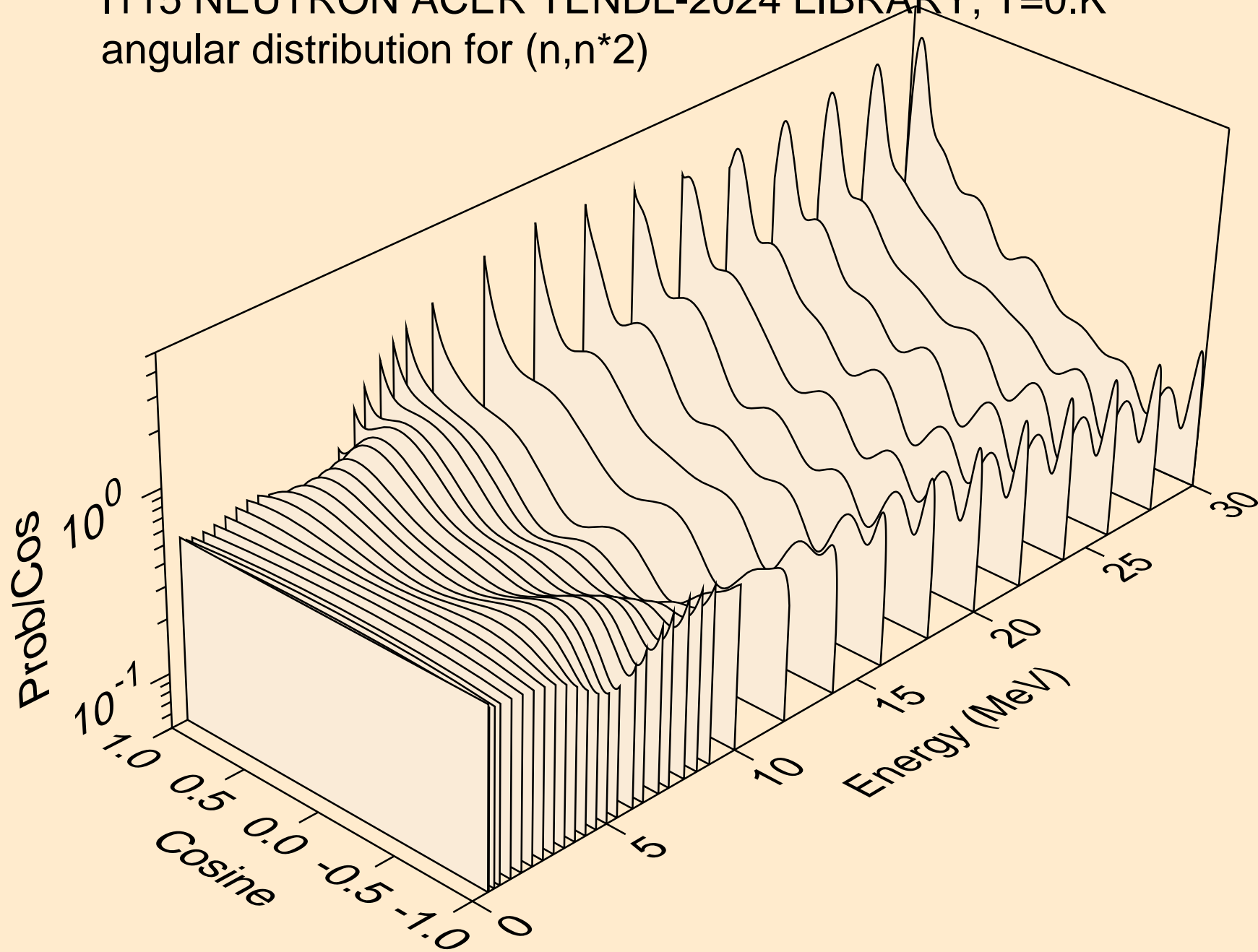
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



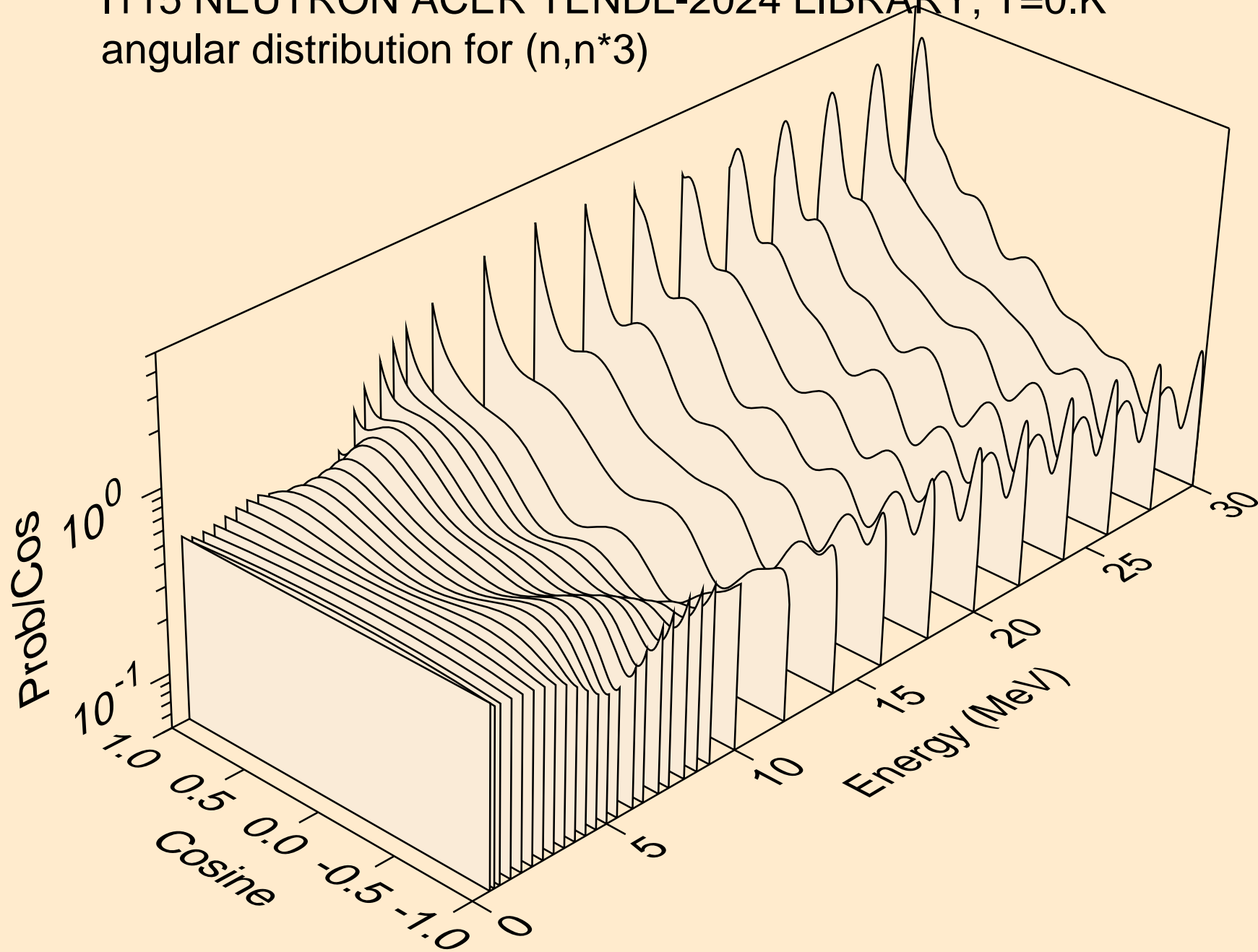
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



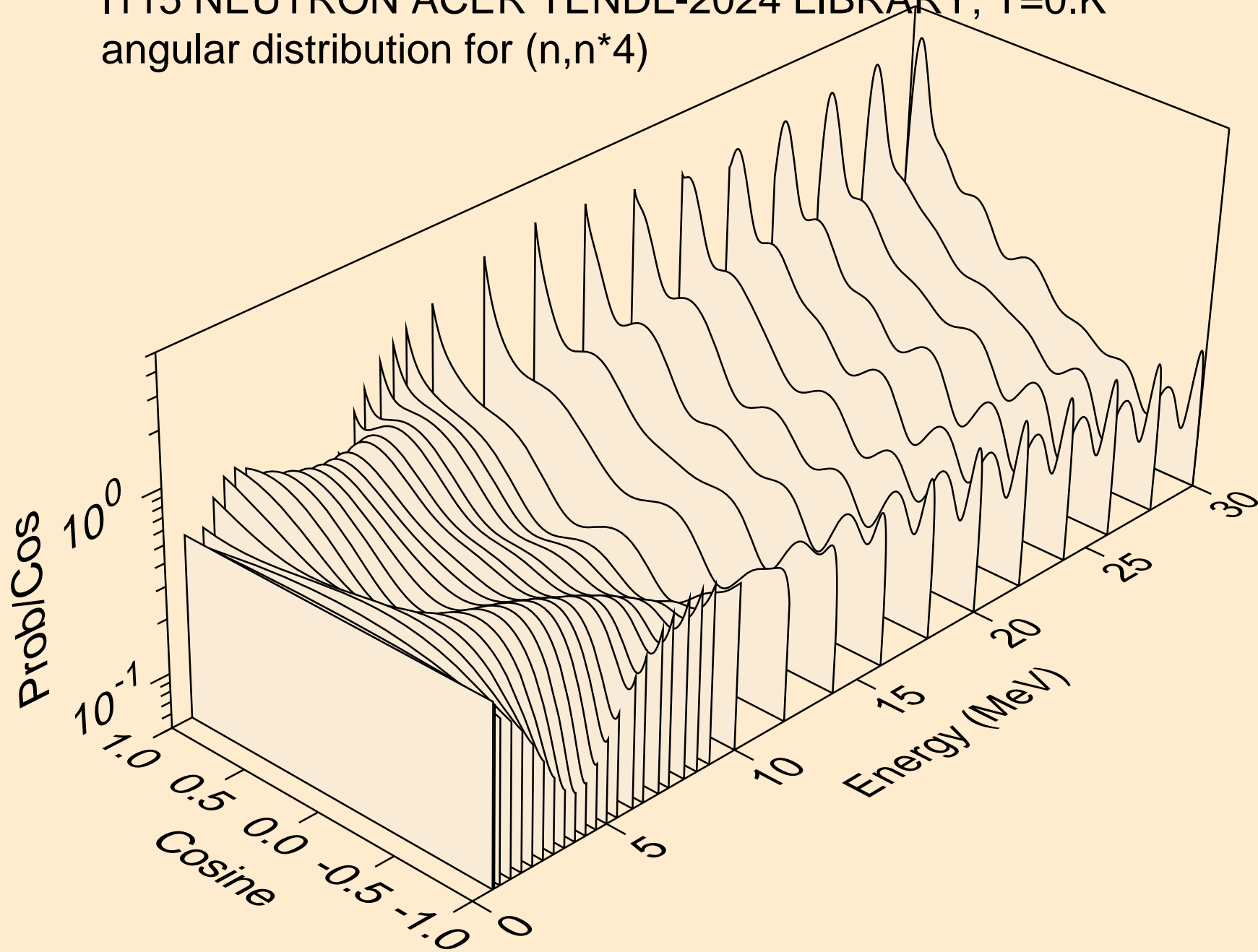
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



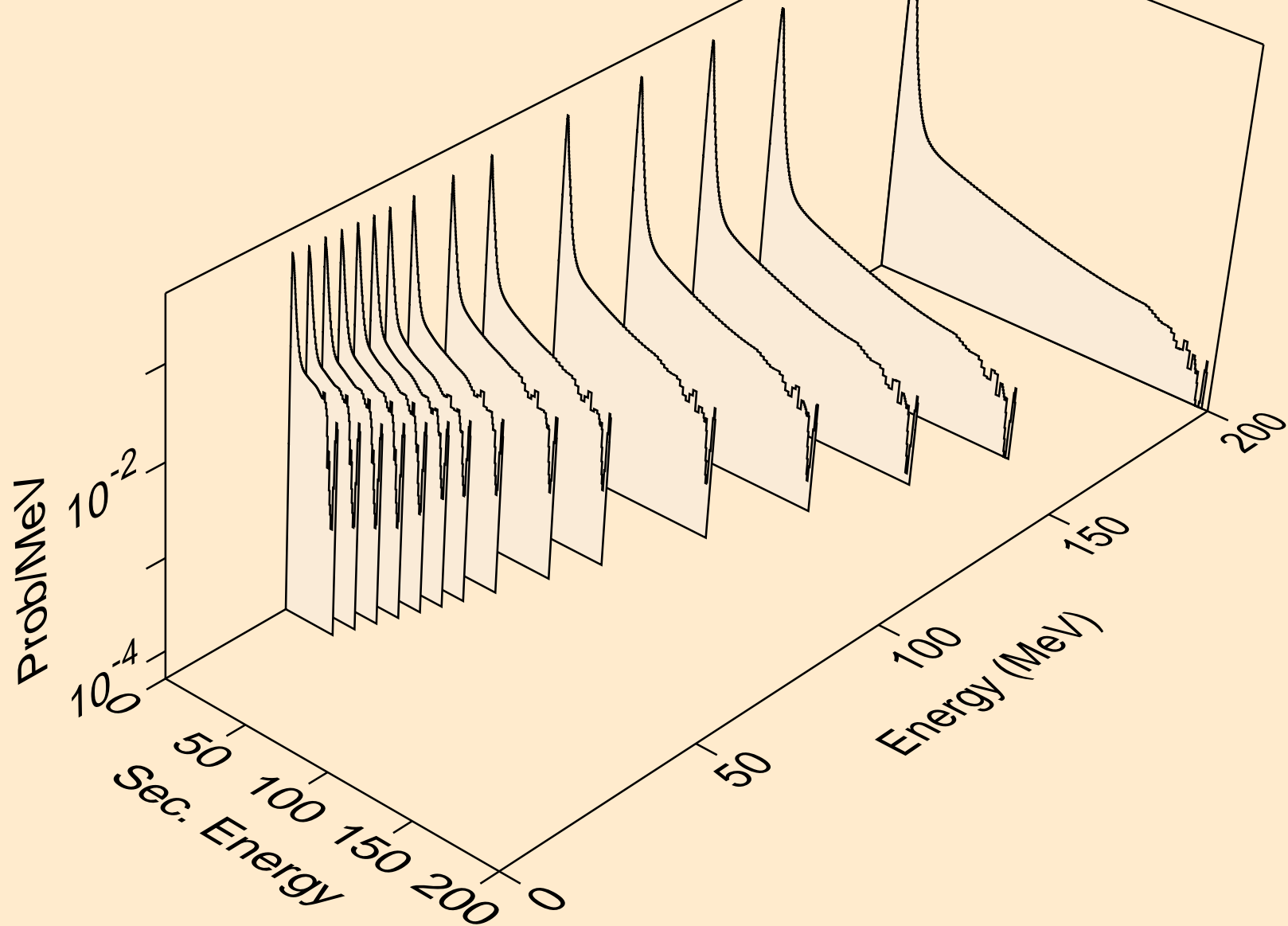
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

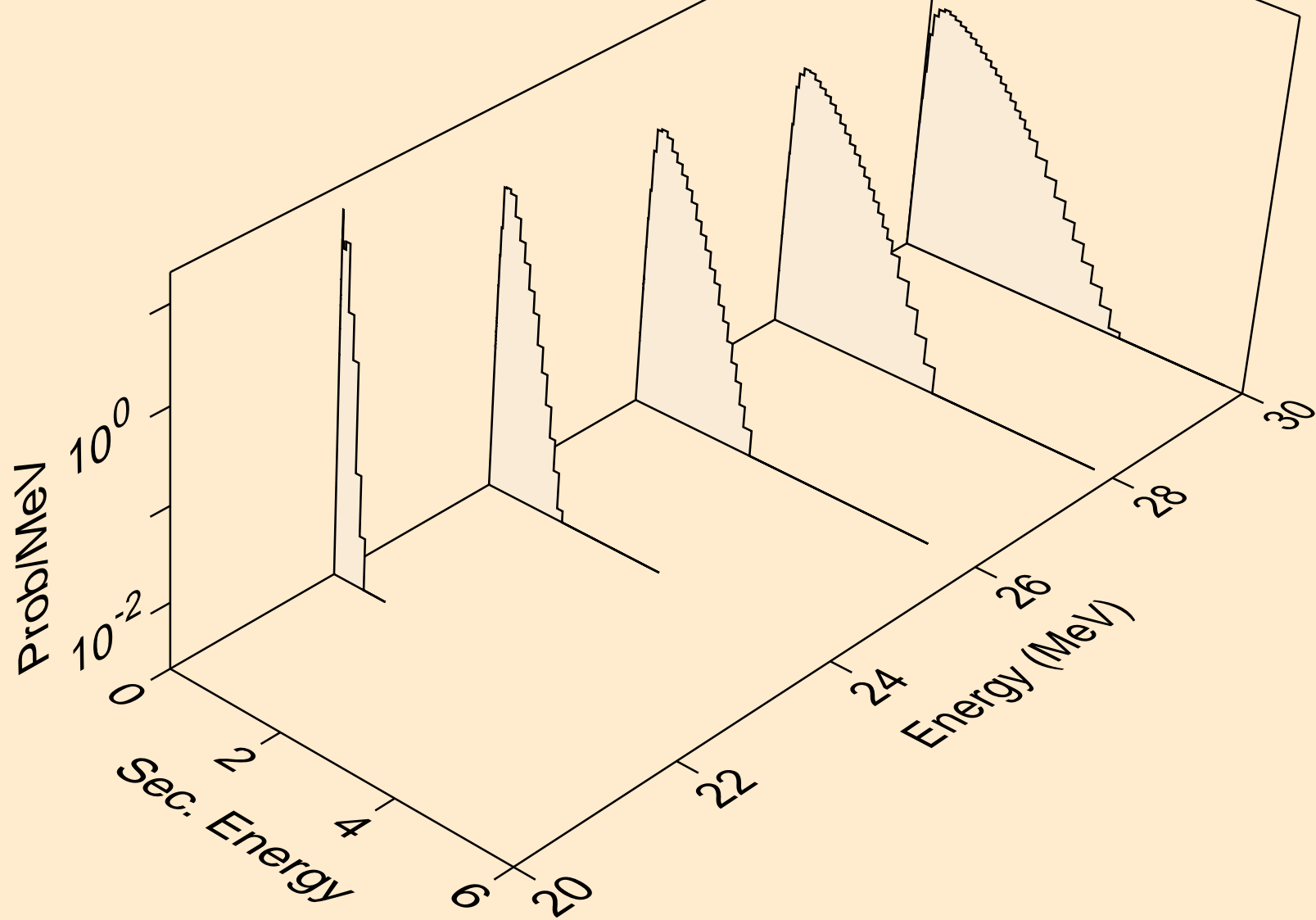


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

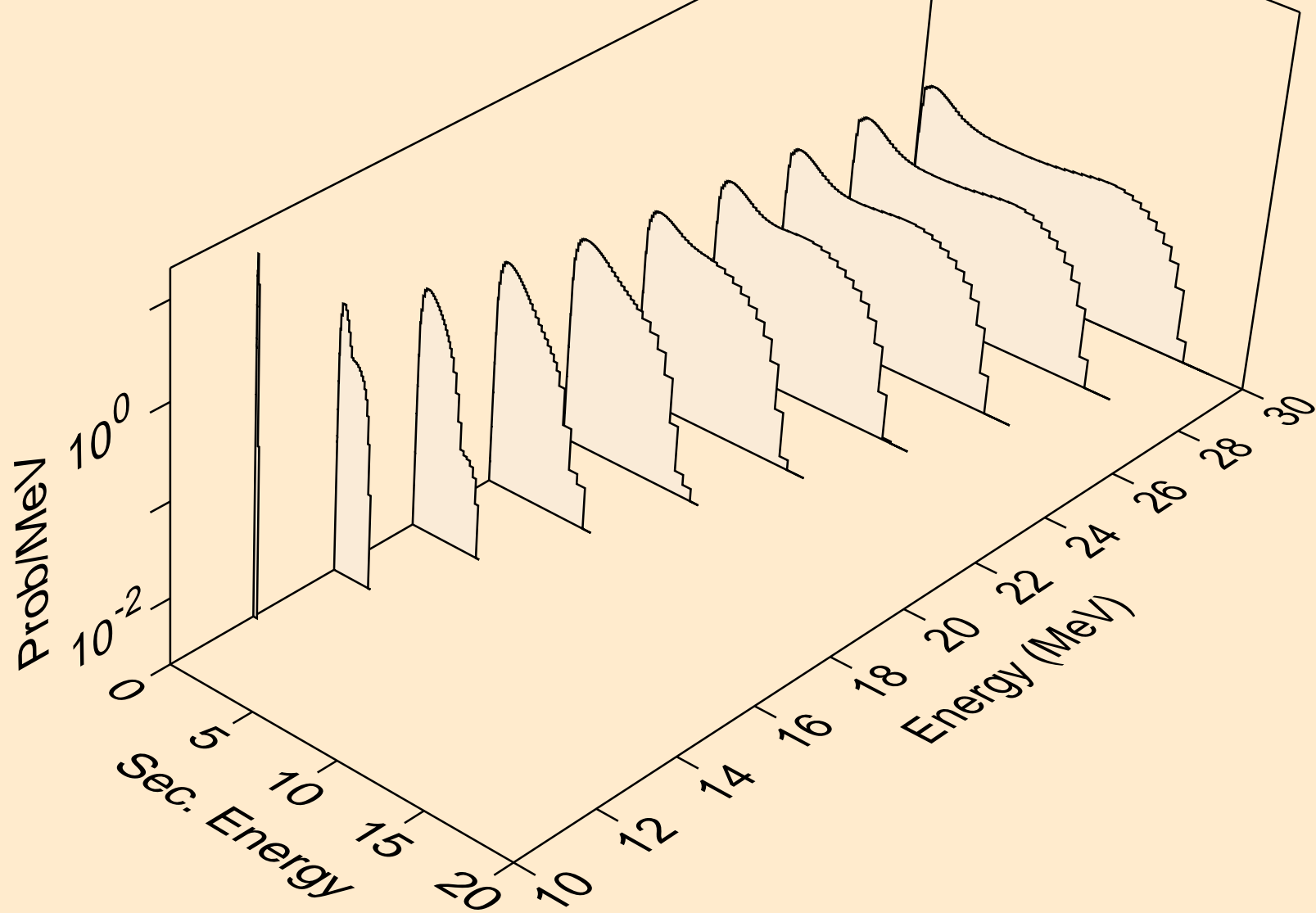




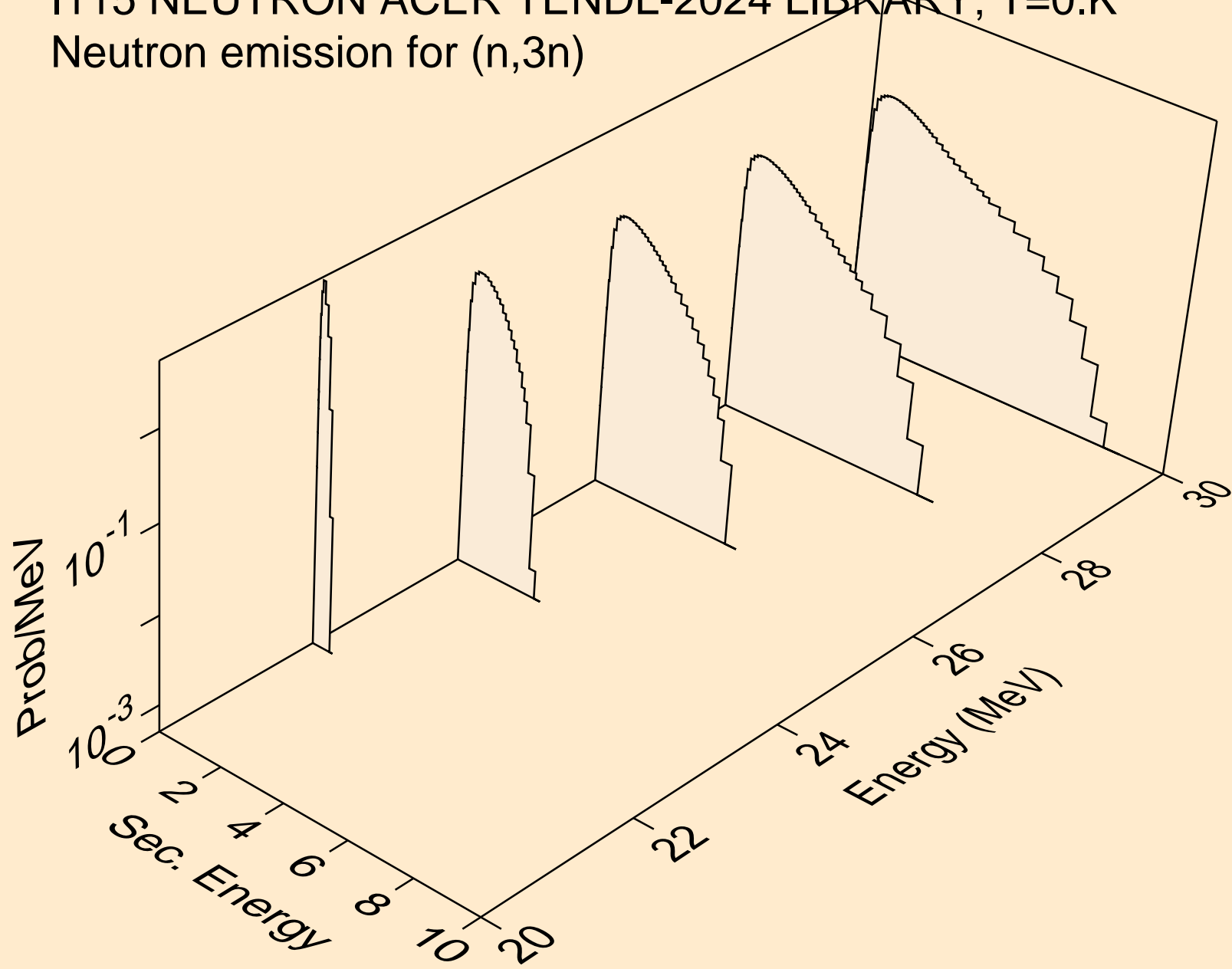
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



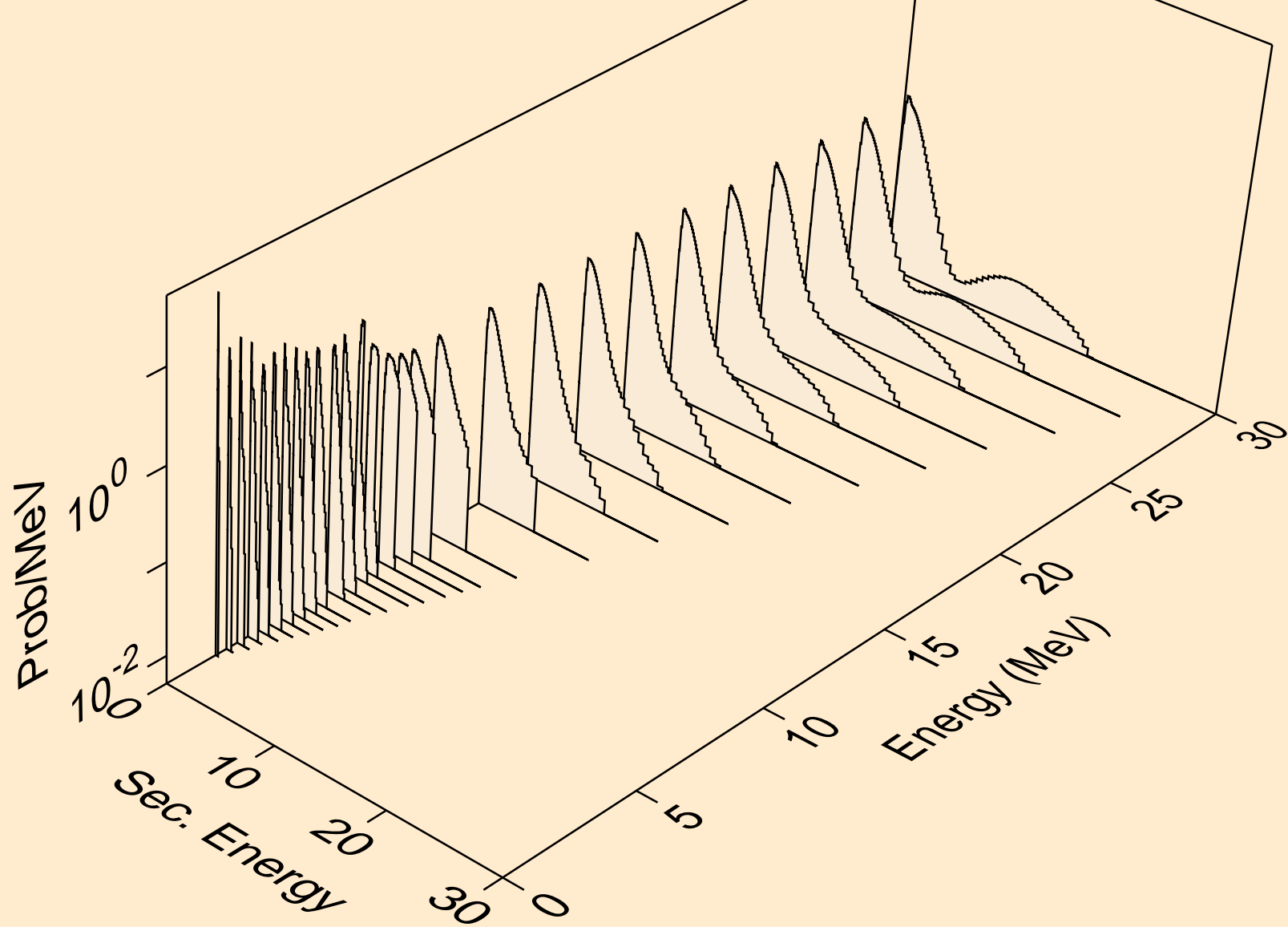
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Neutron emission for (n,2n)



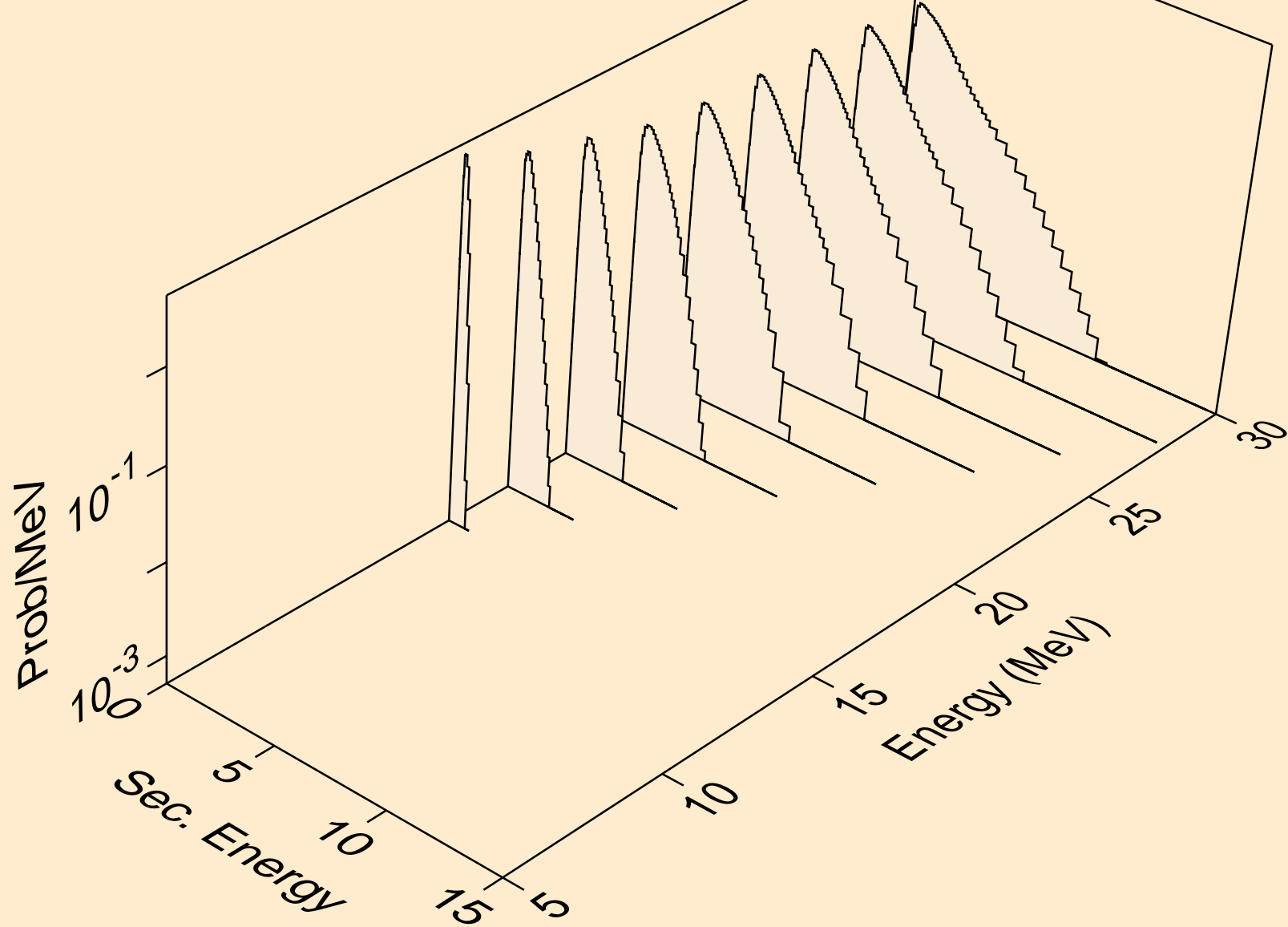
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Neutron emission for (n,3n)



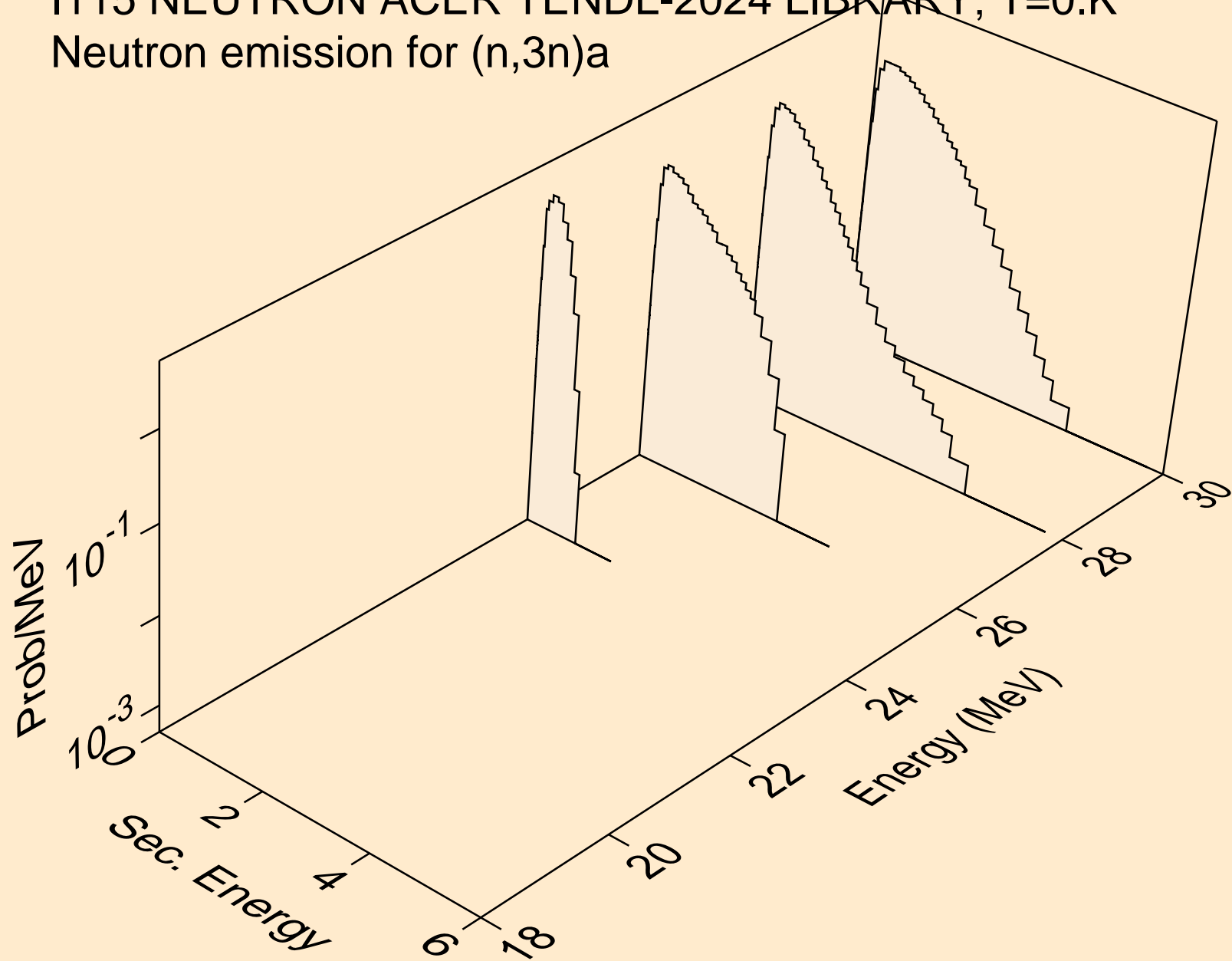
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



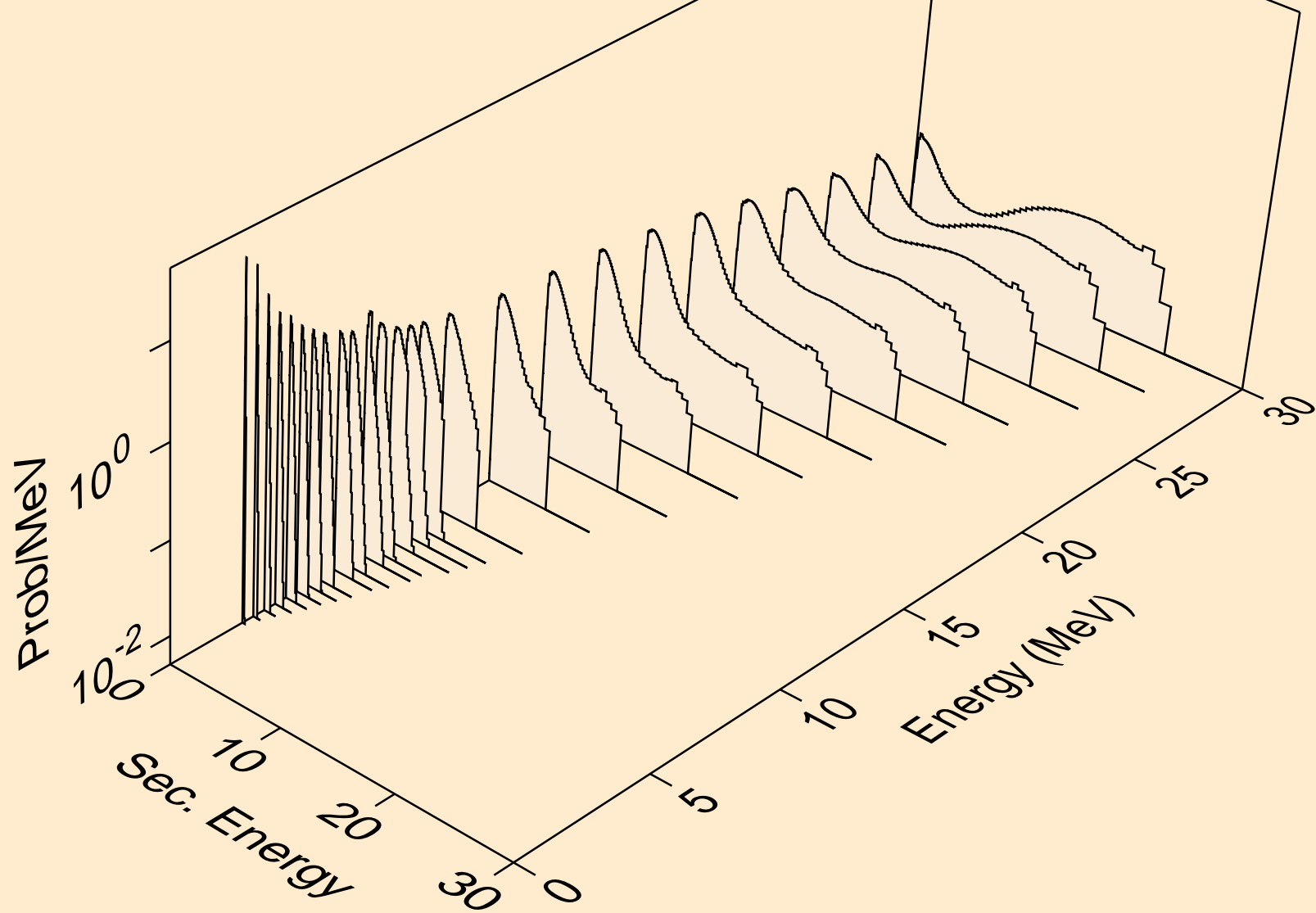
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



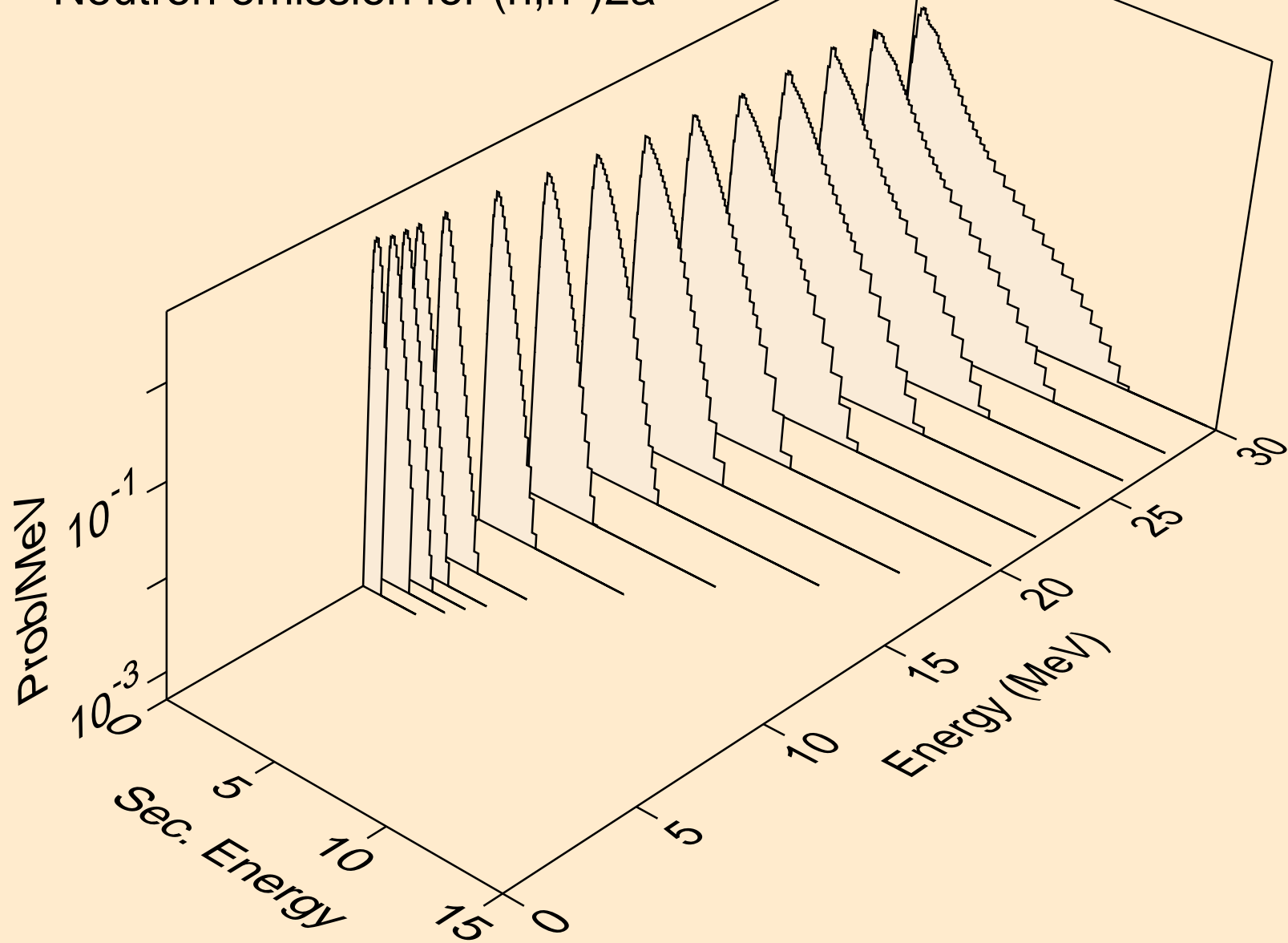
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

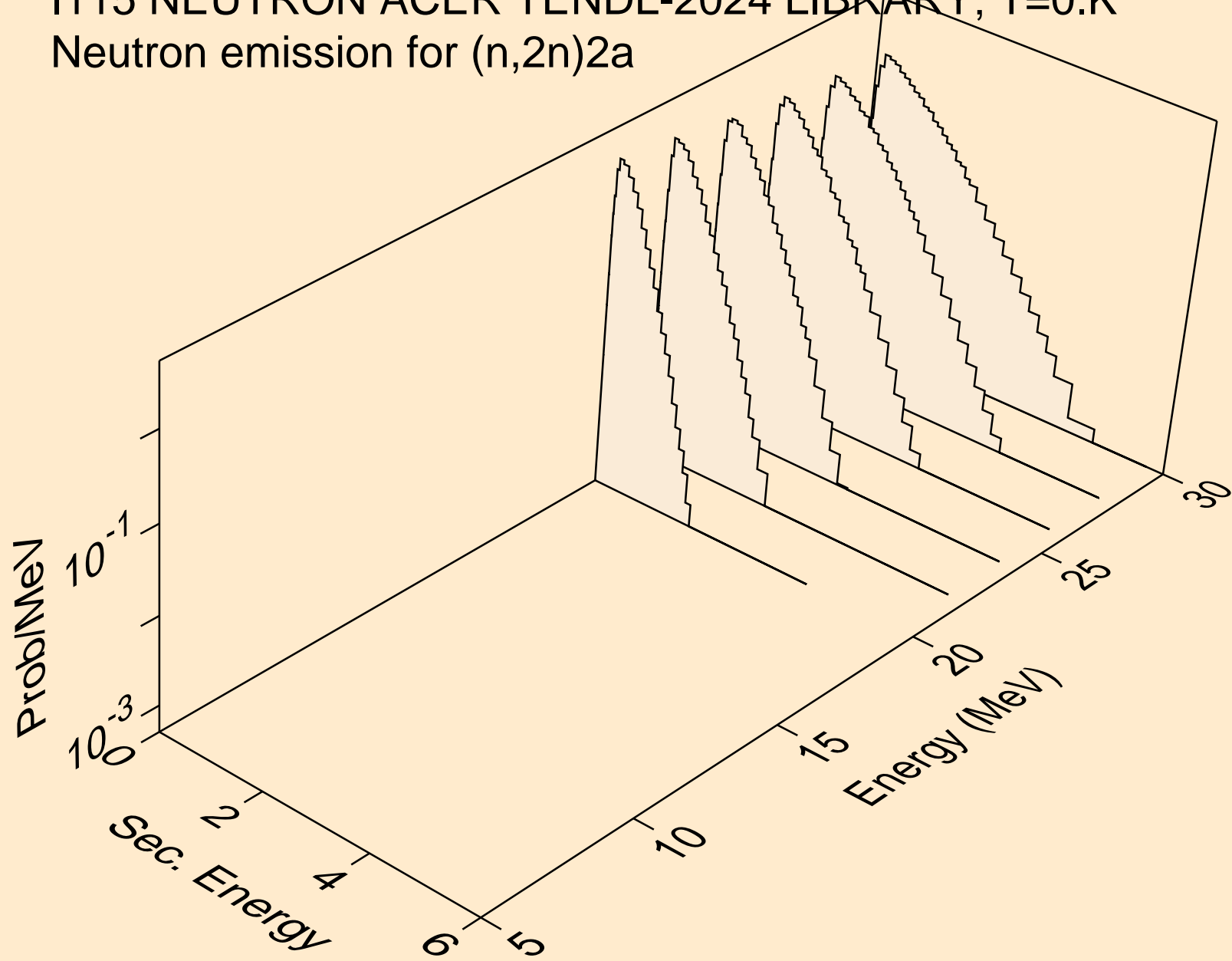


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

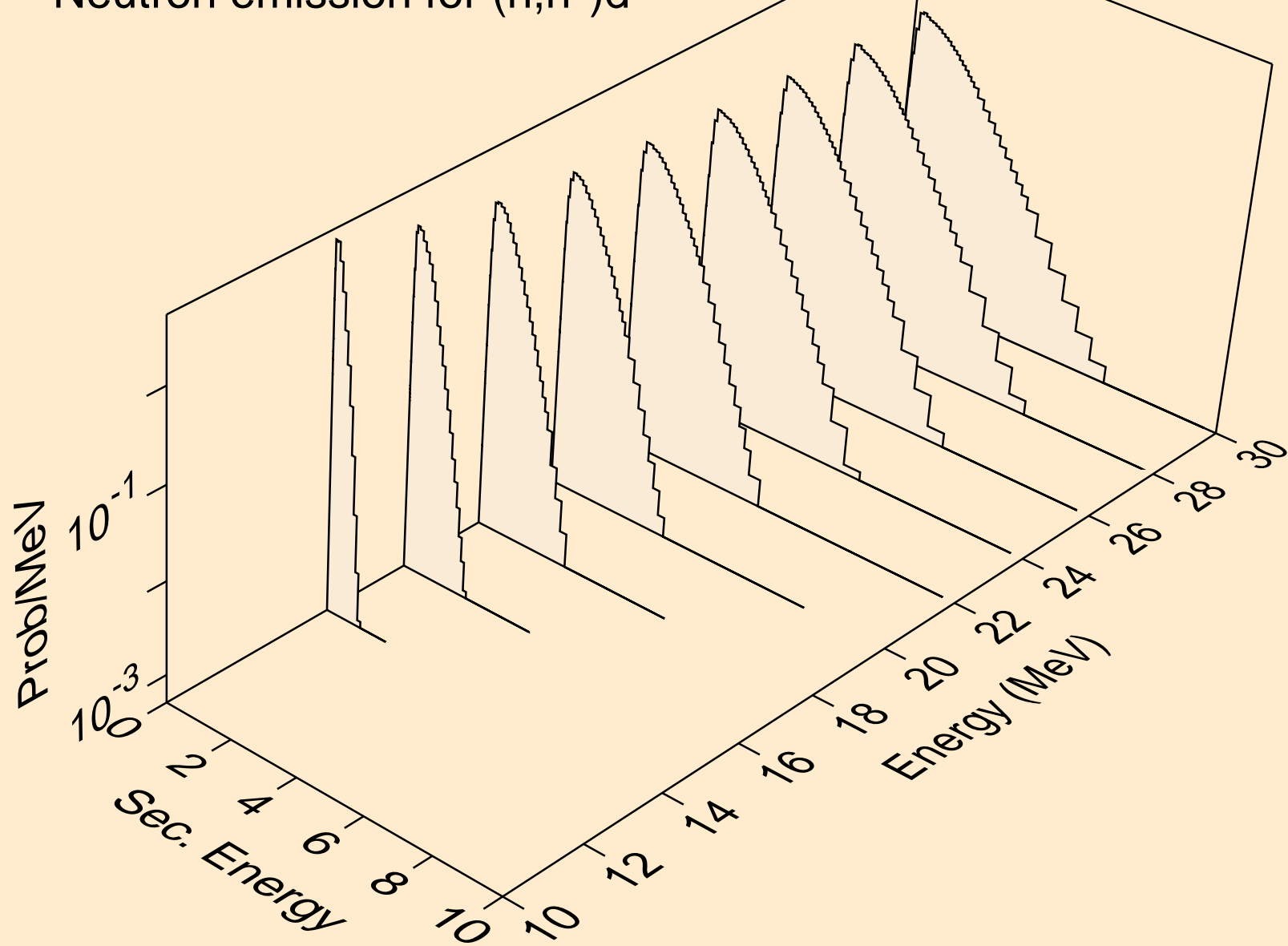




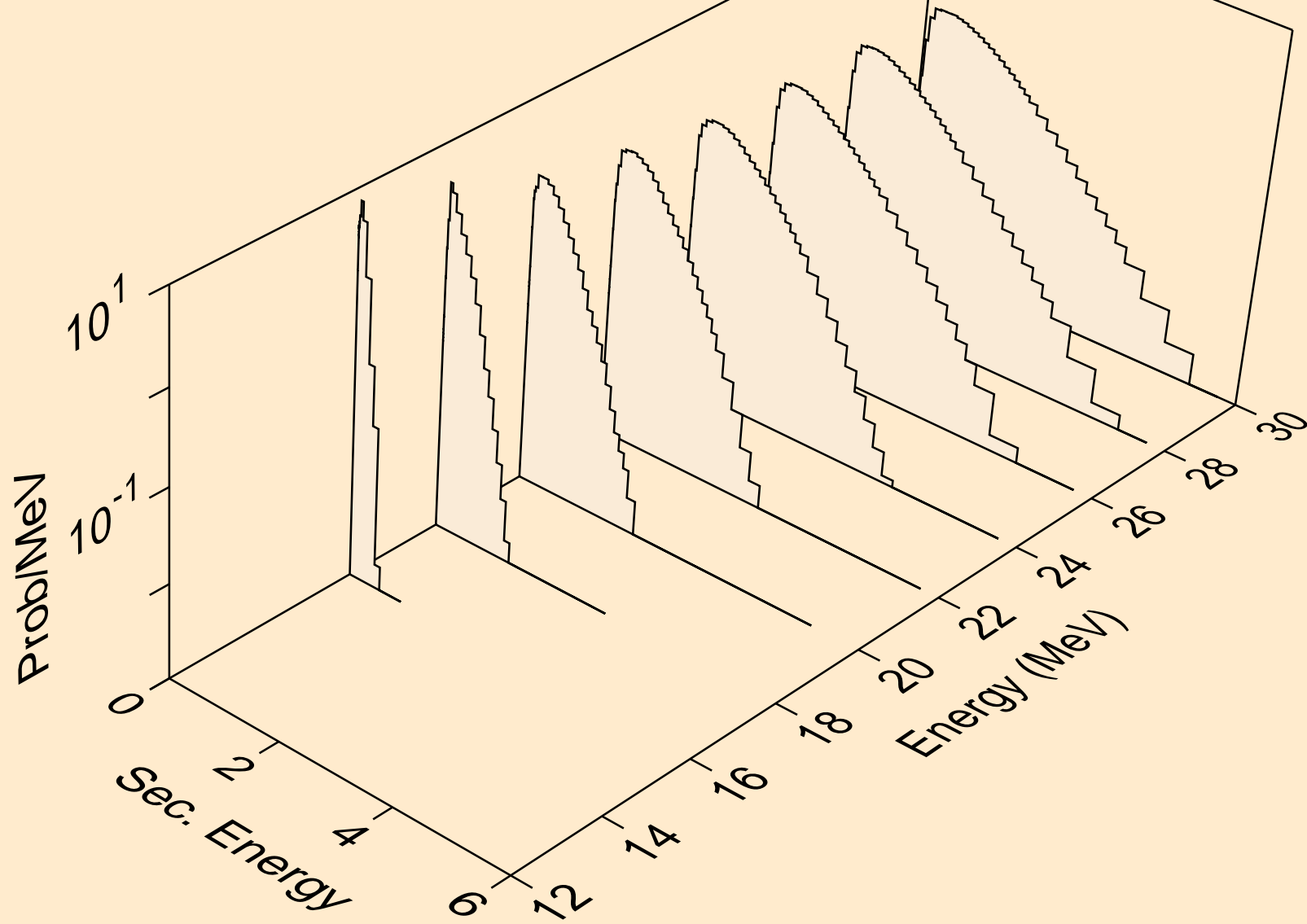
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



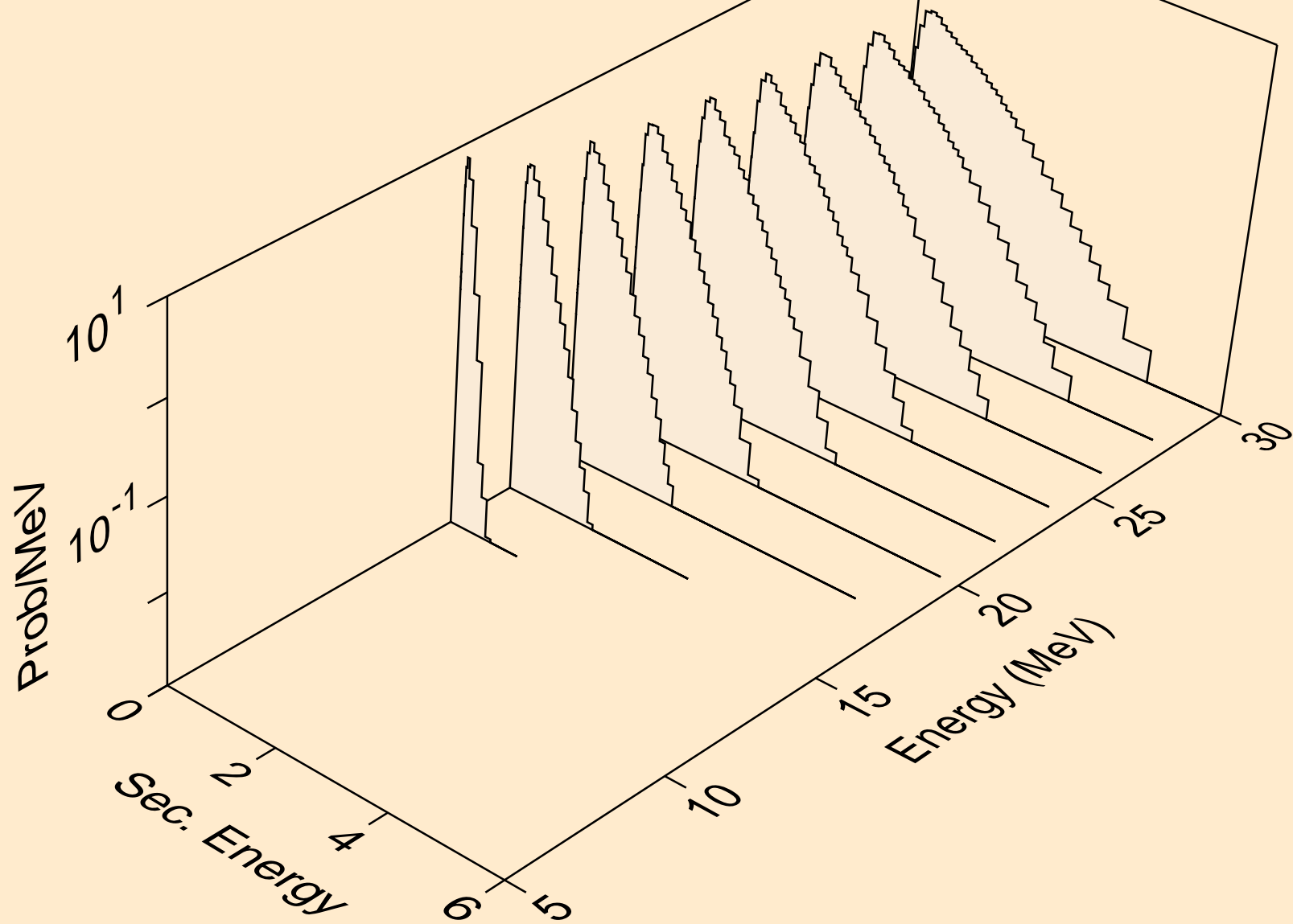
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



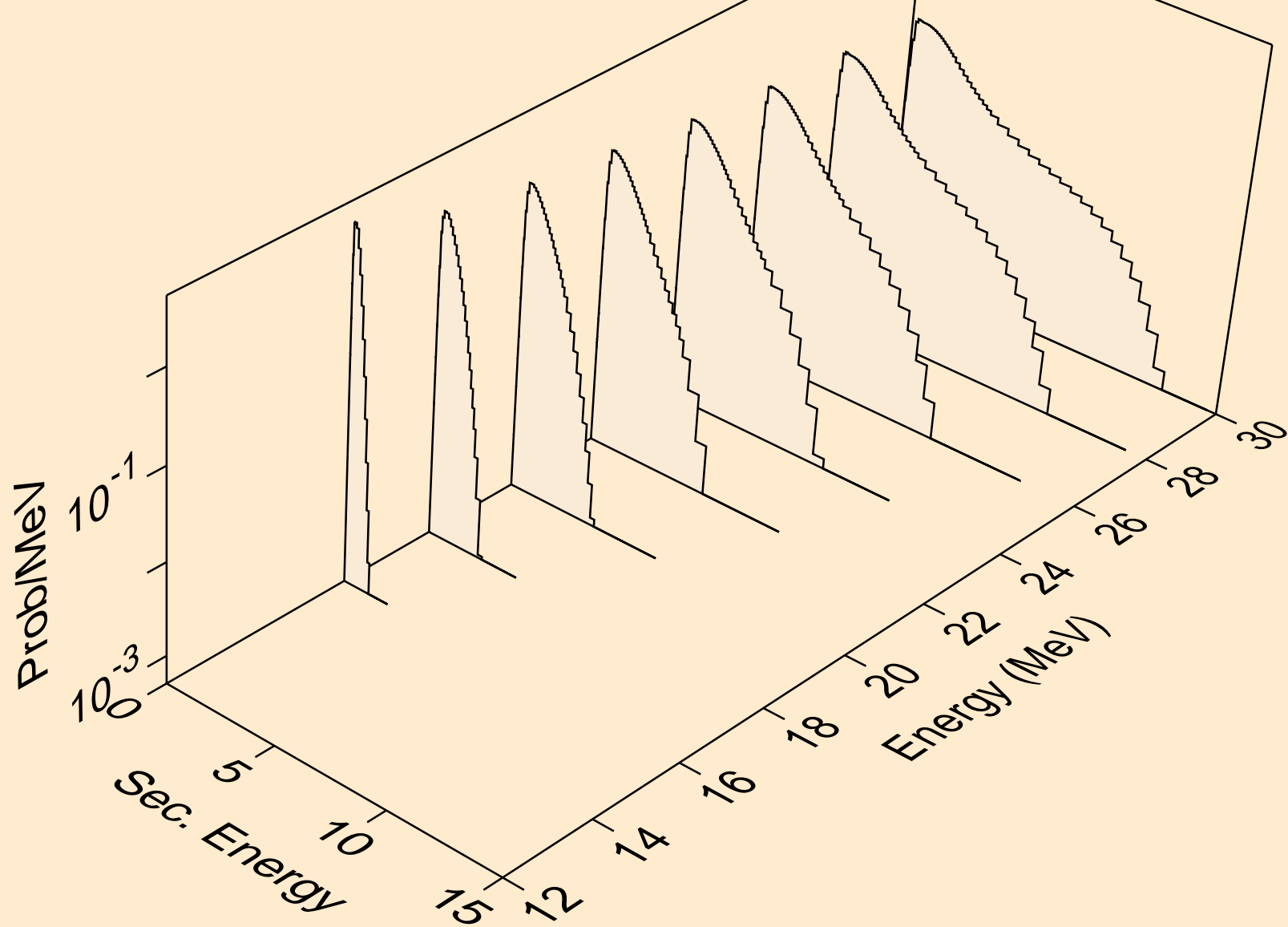
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



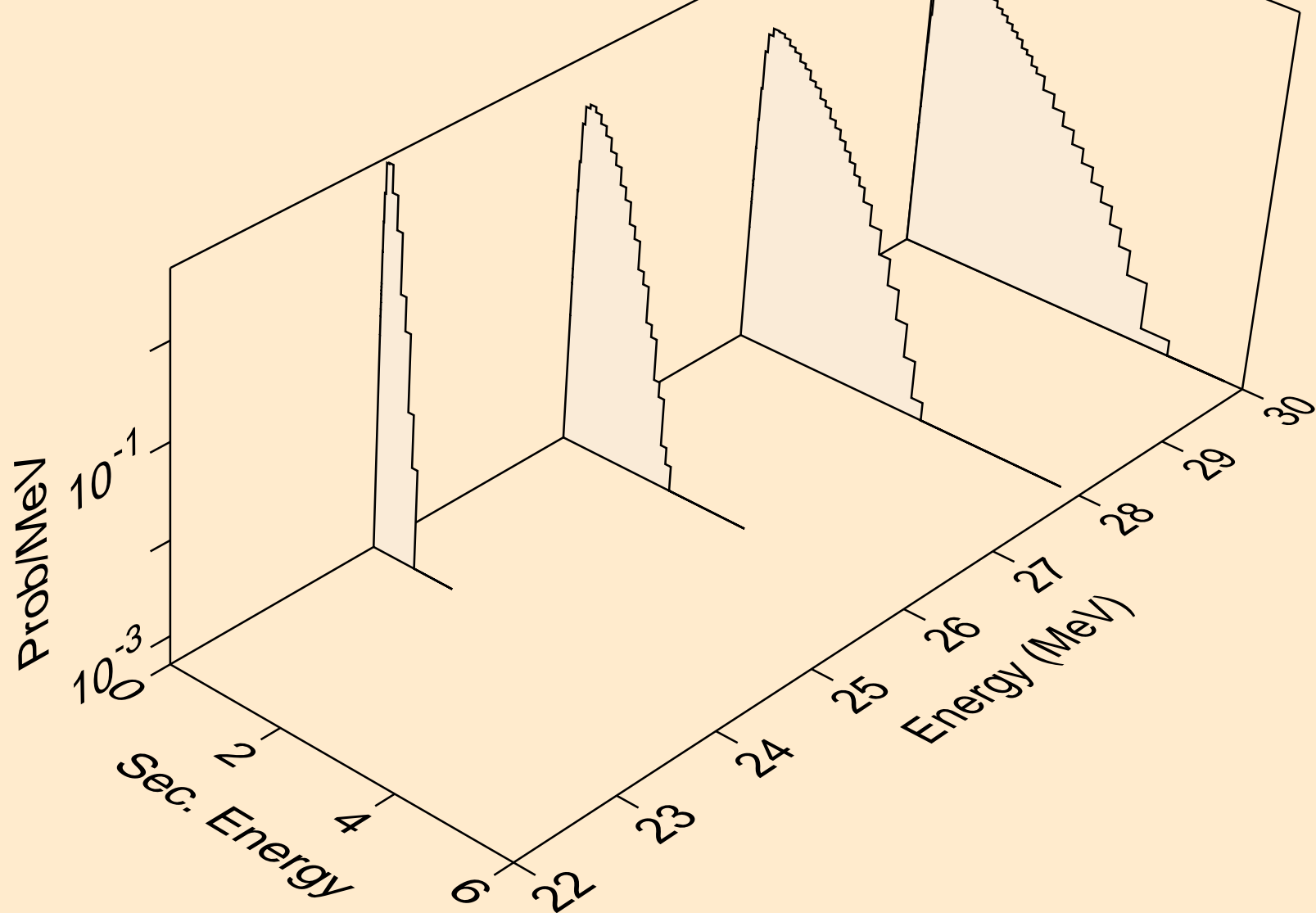
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



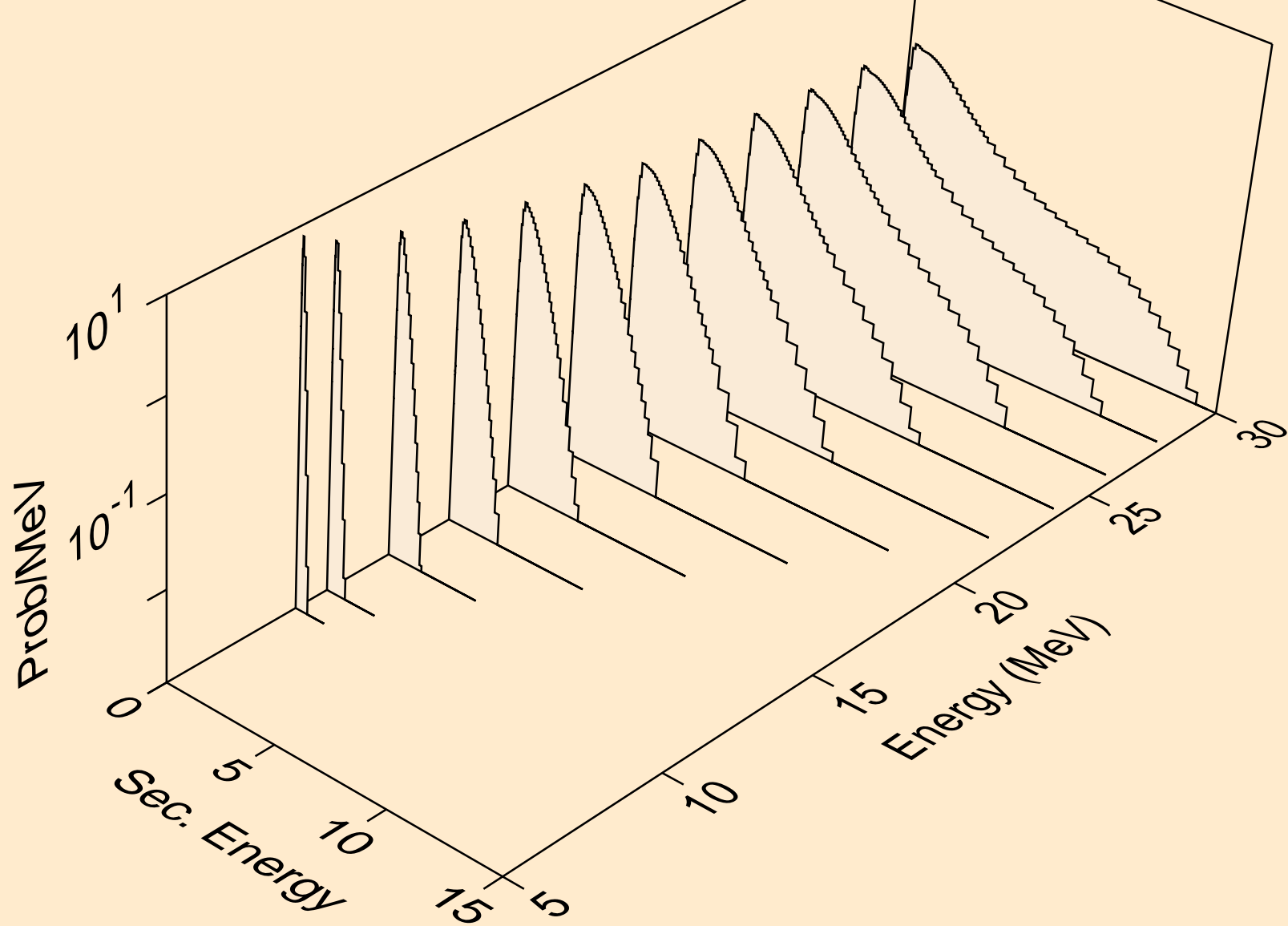
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Neutron emission for (n,2np)



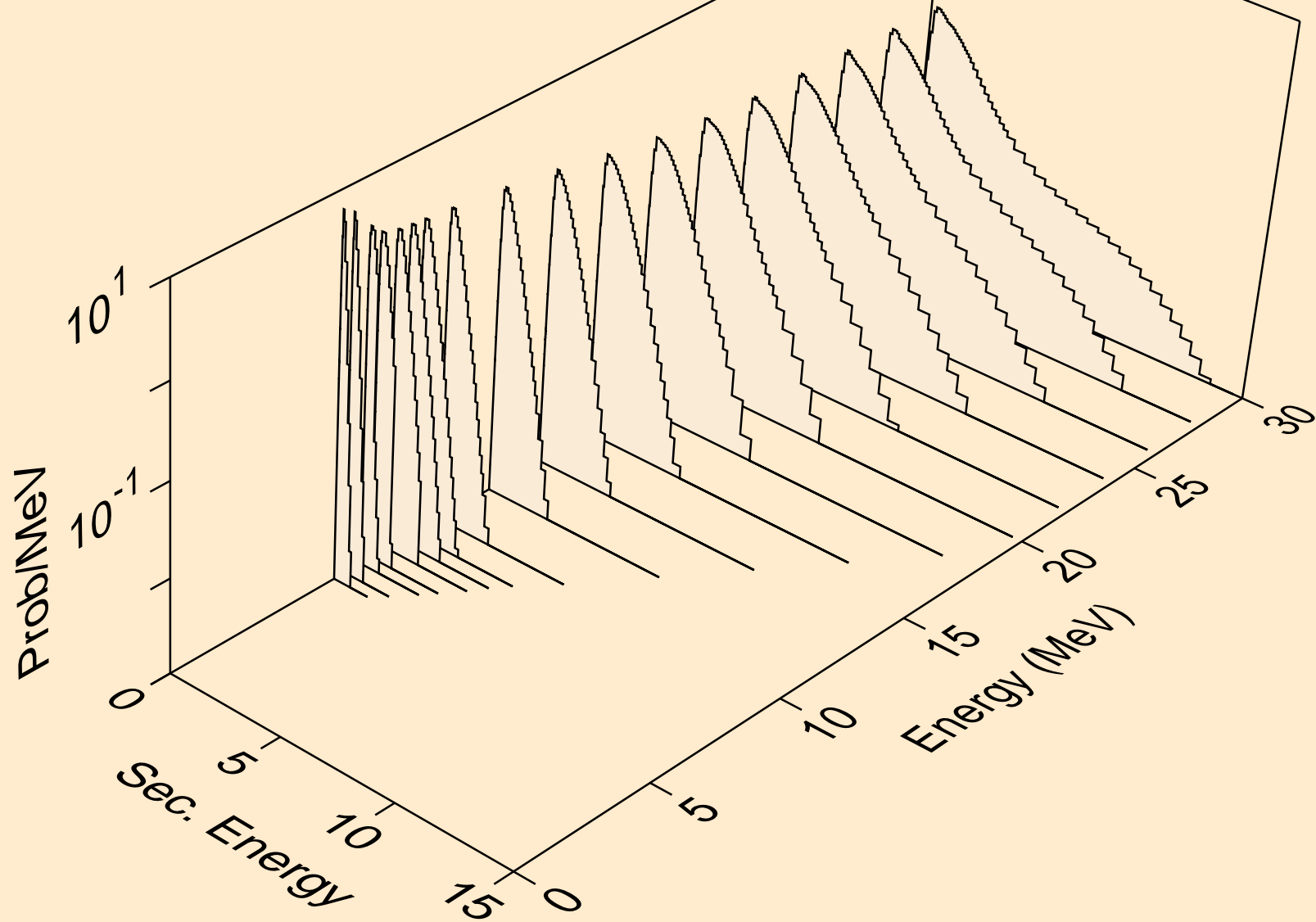
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

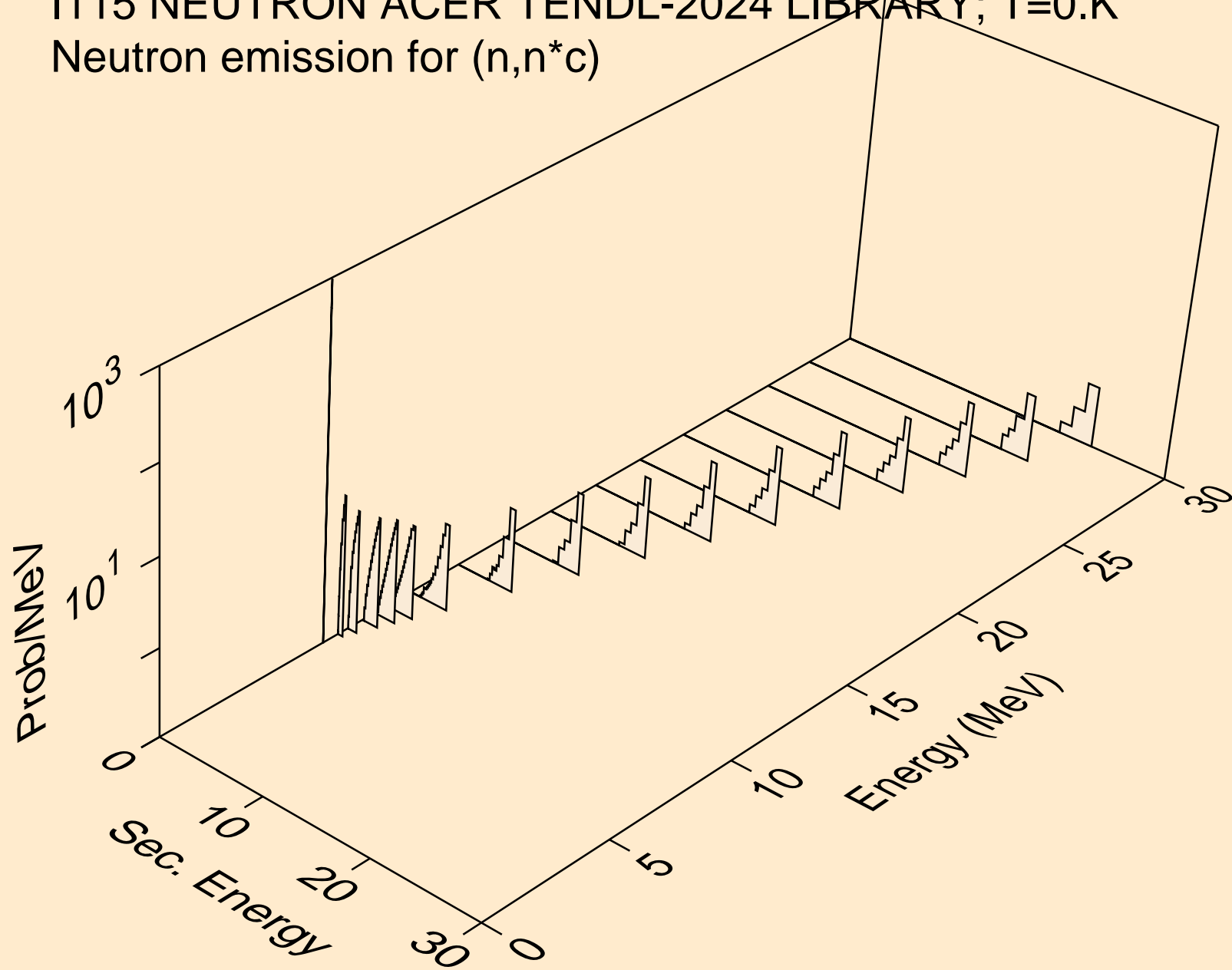


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

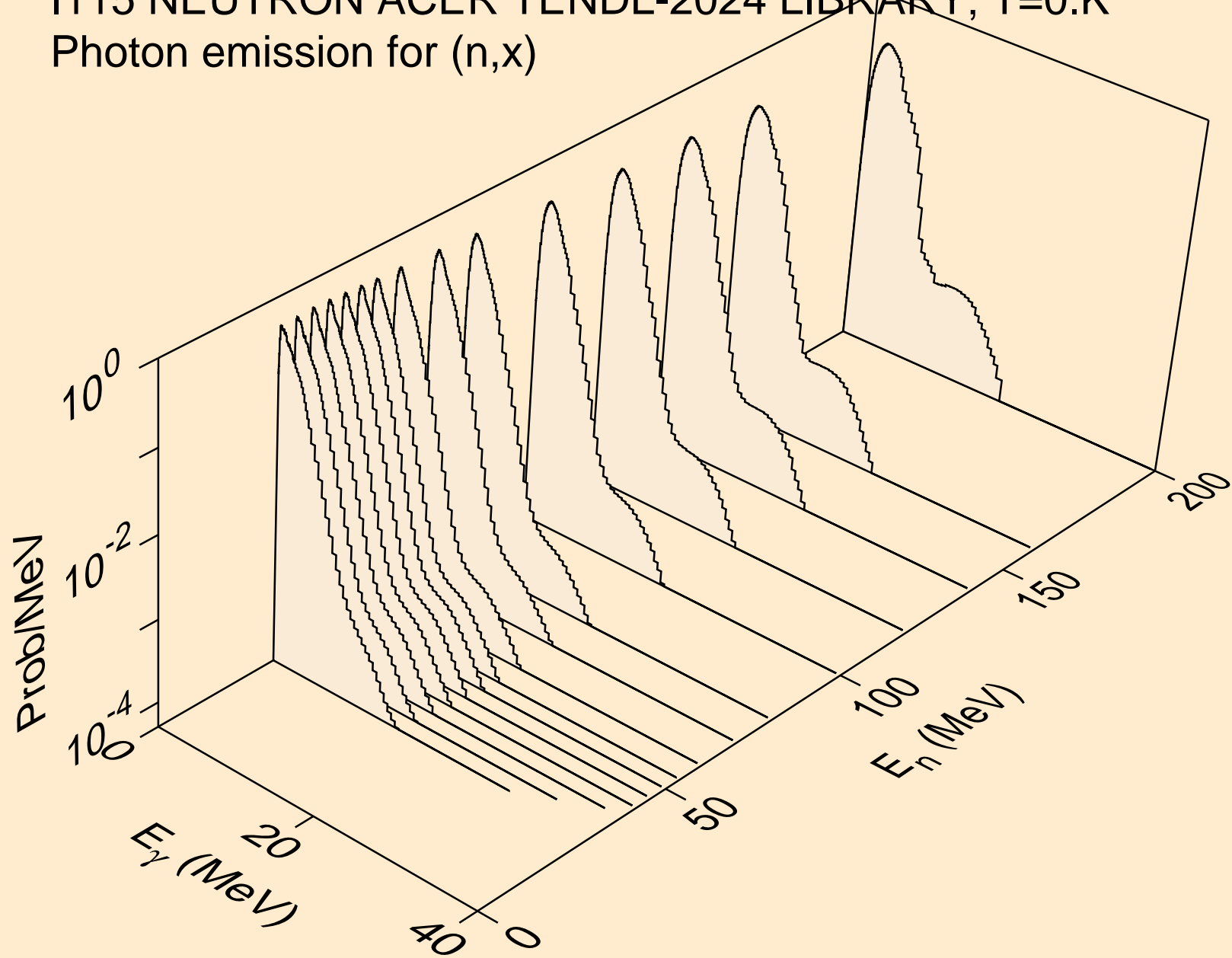




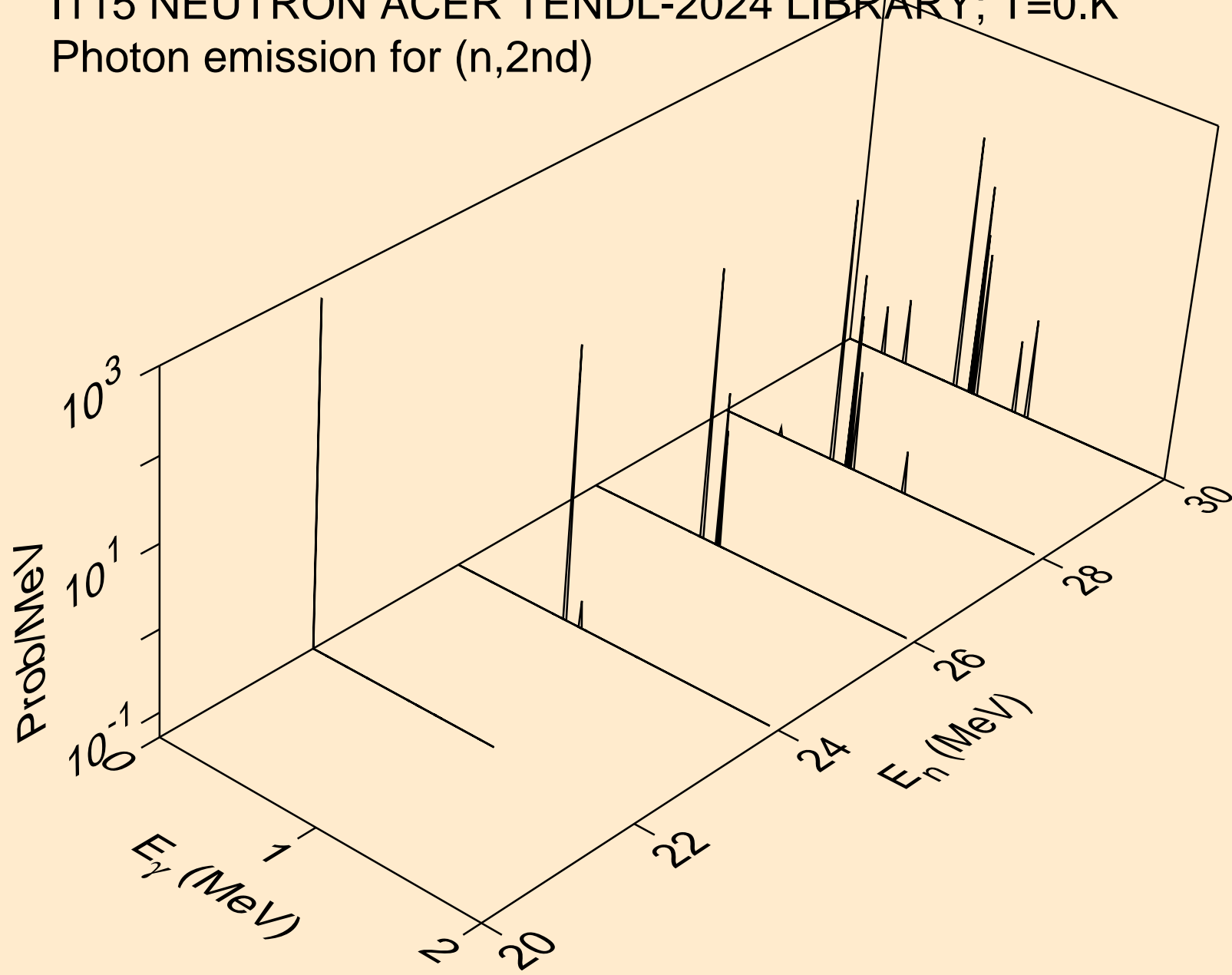
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Neutron emission for (n,n\*c)



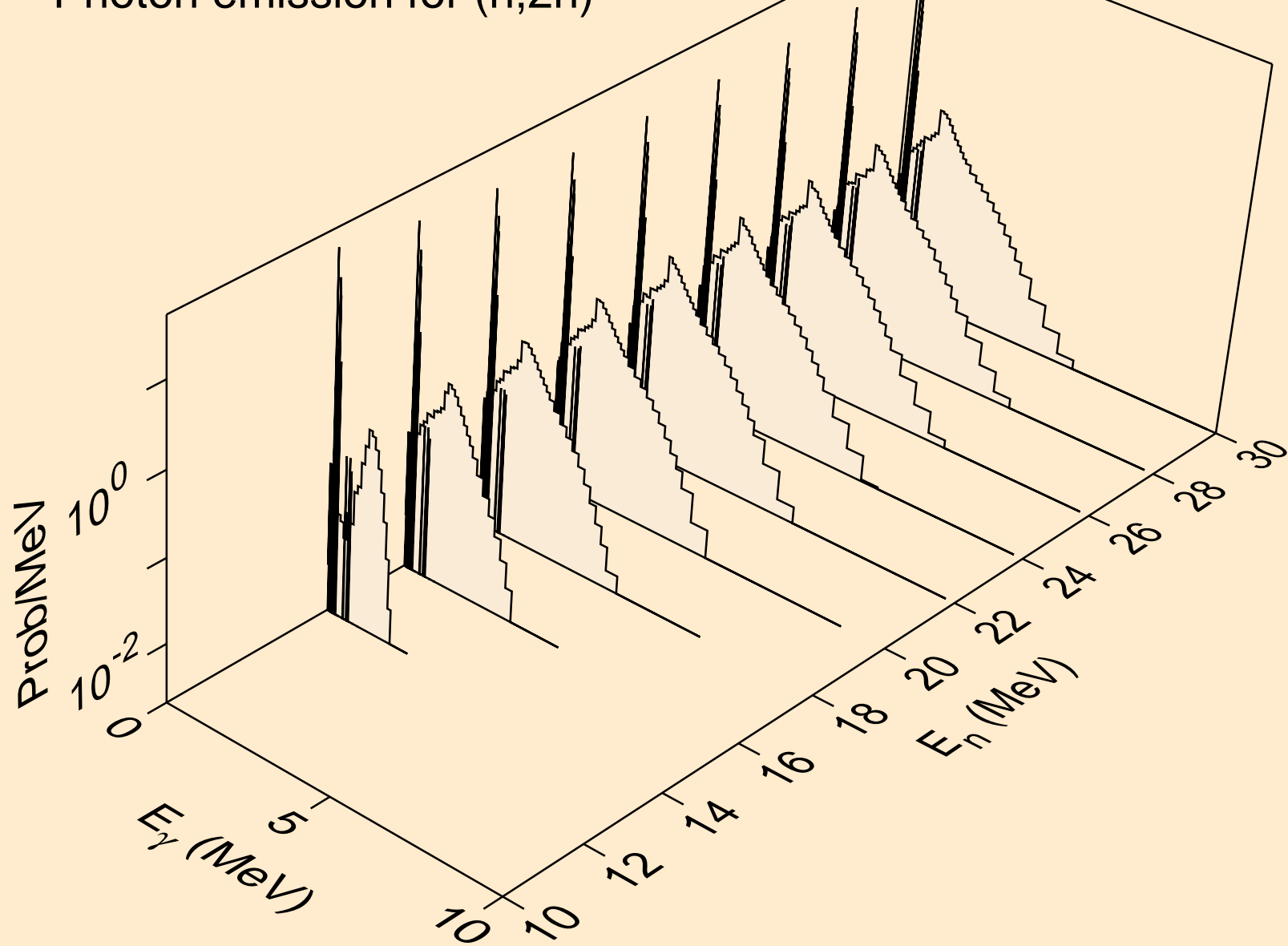
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Photon emission for (n,x)



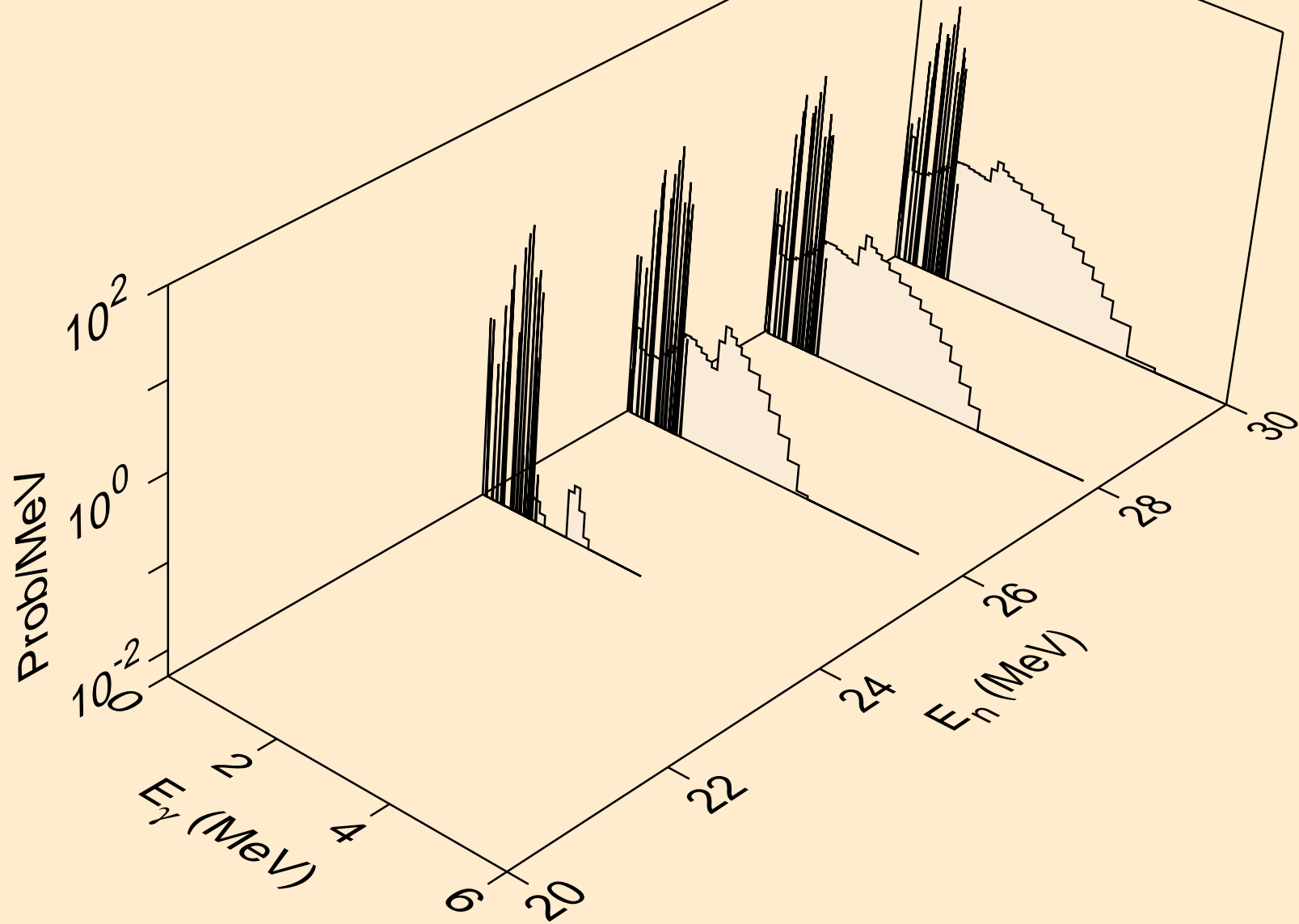
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Photon emission for (n,2nd)



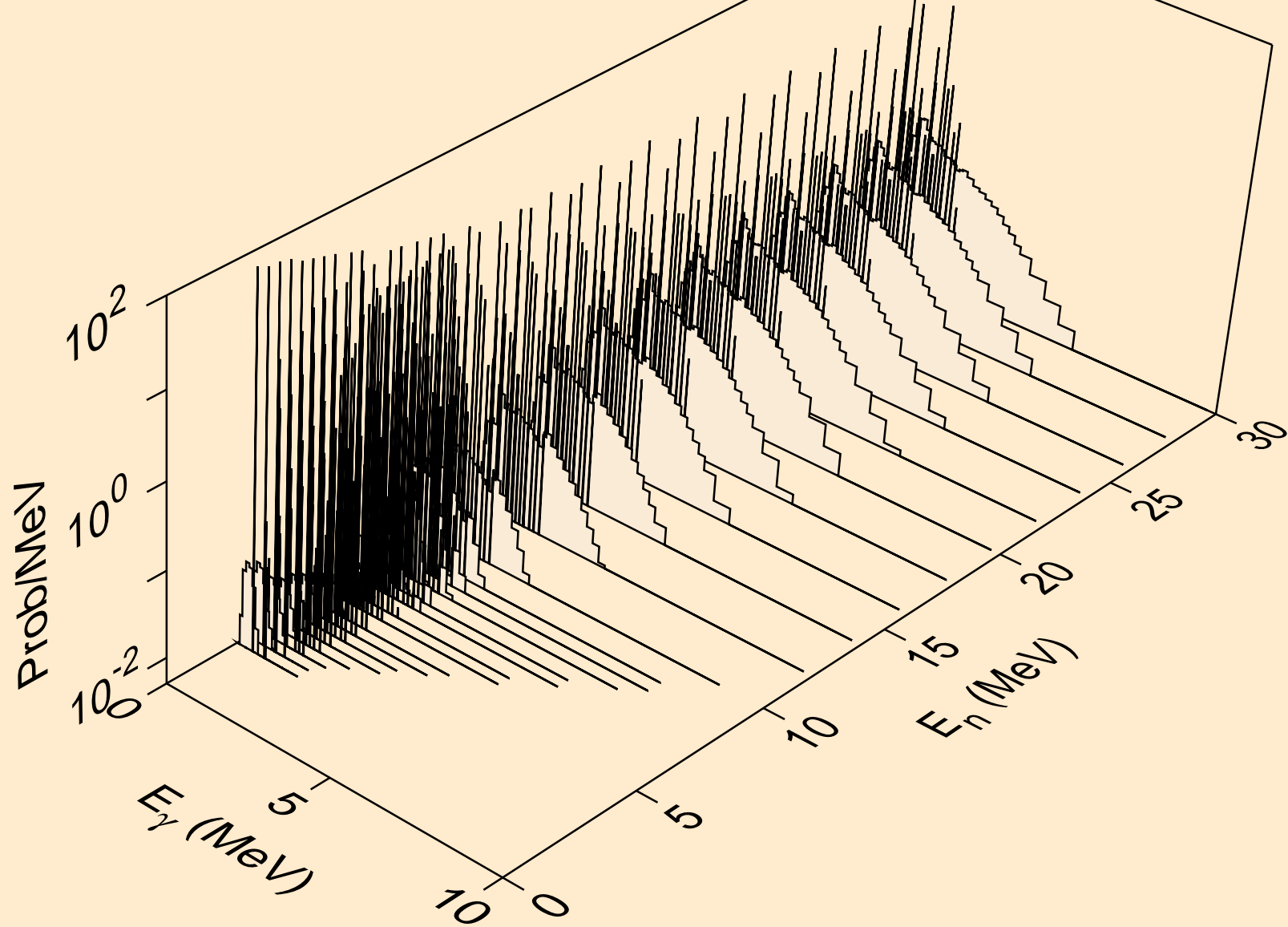
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Photon emission for (n,2n)



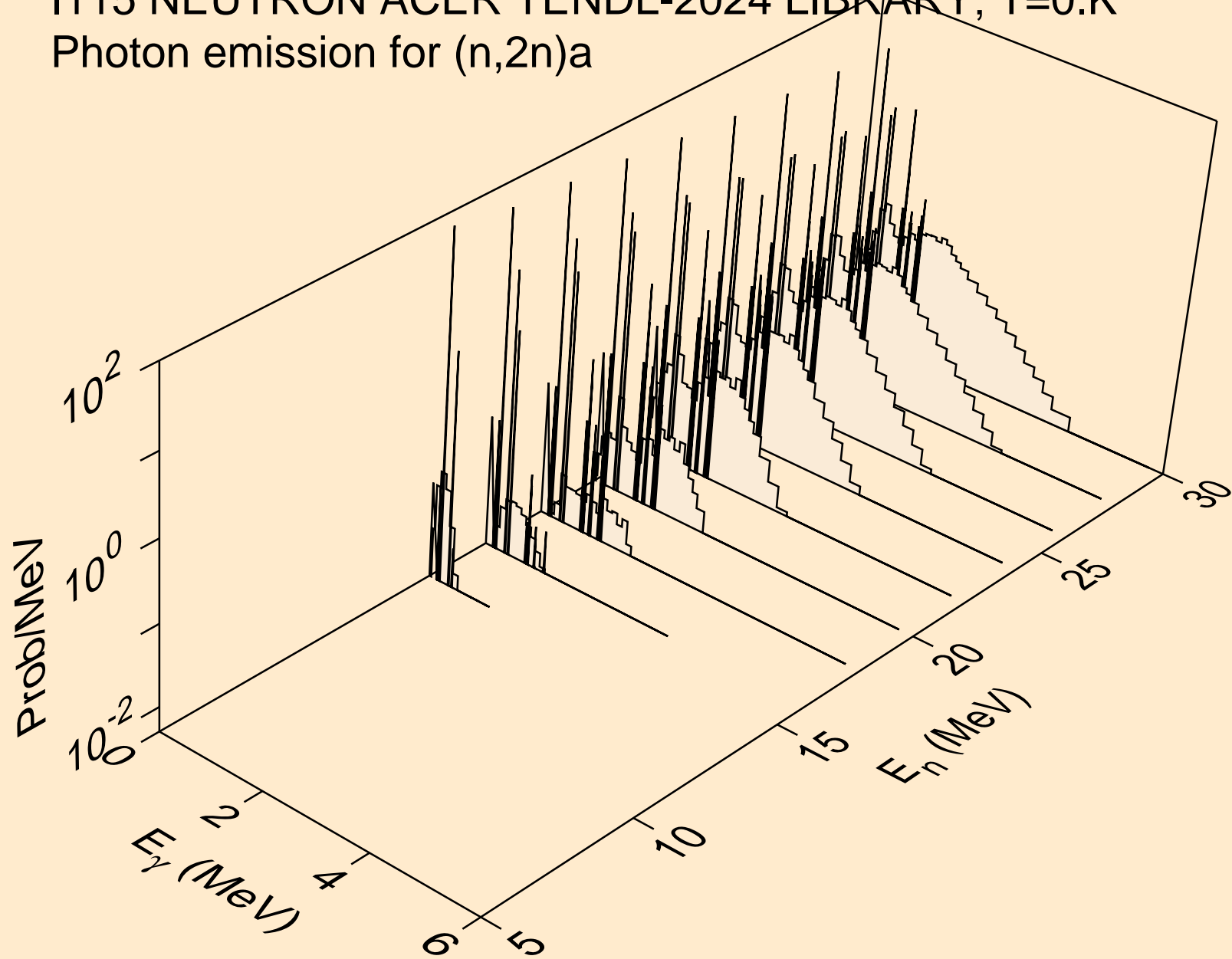
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



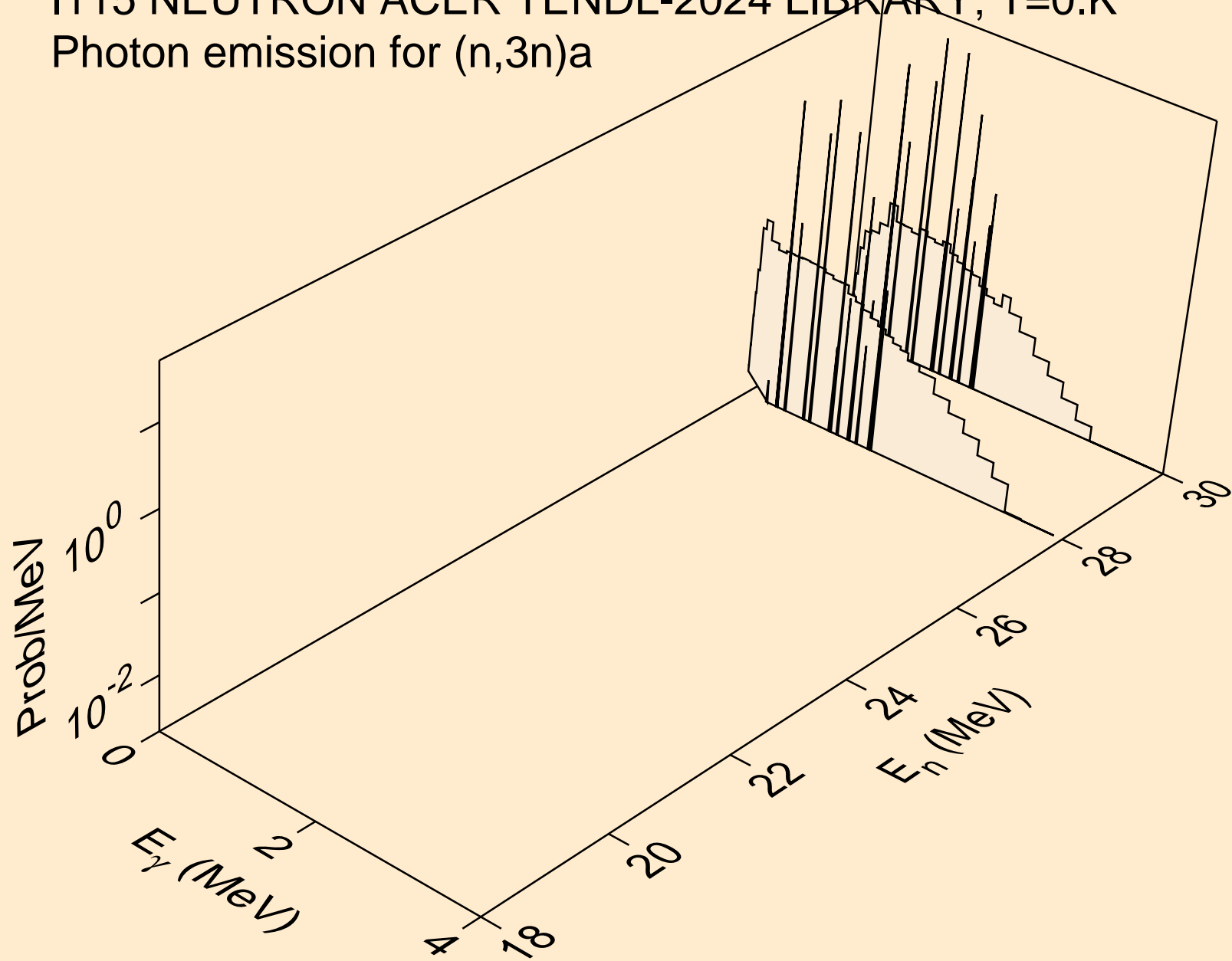
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

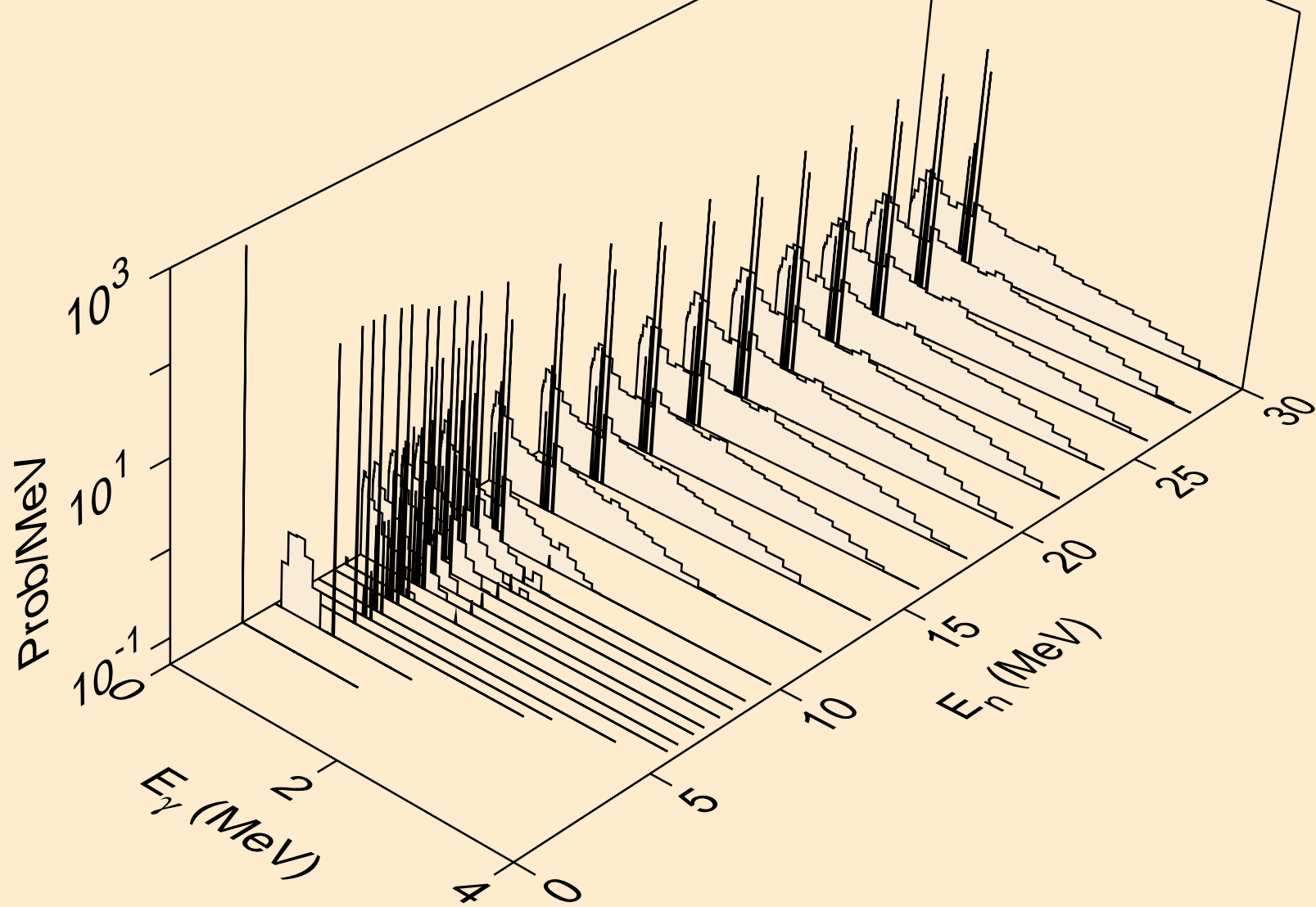


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

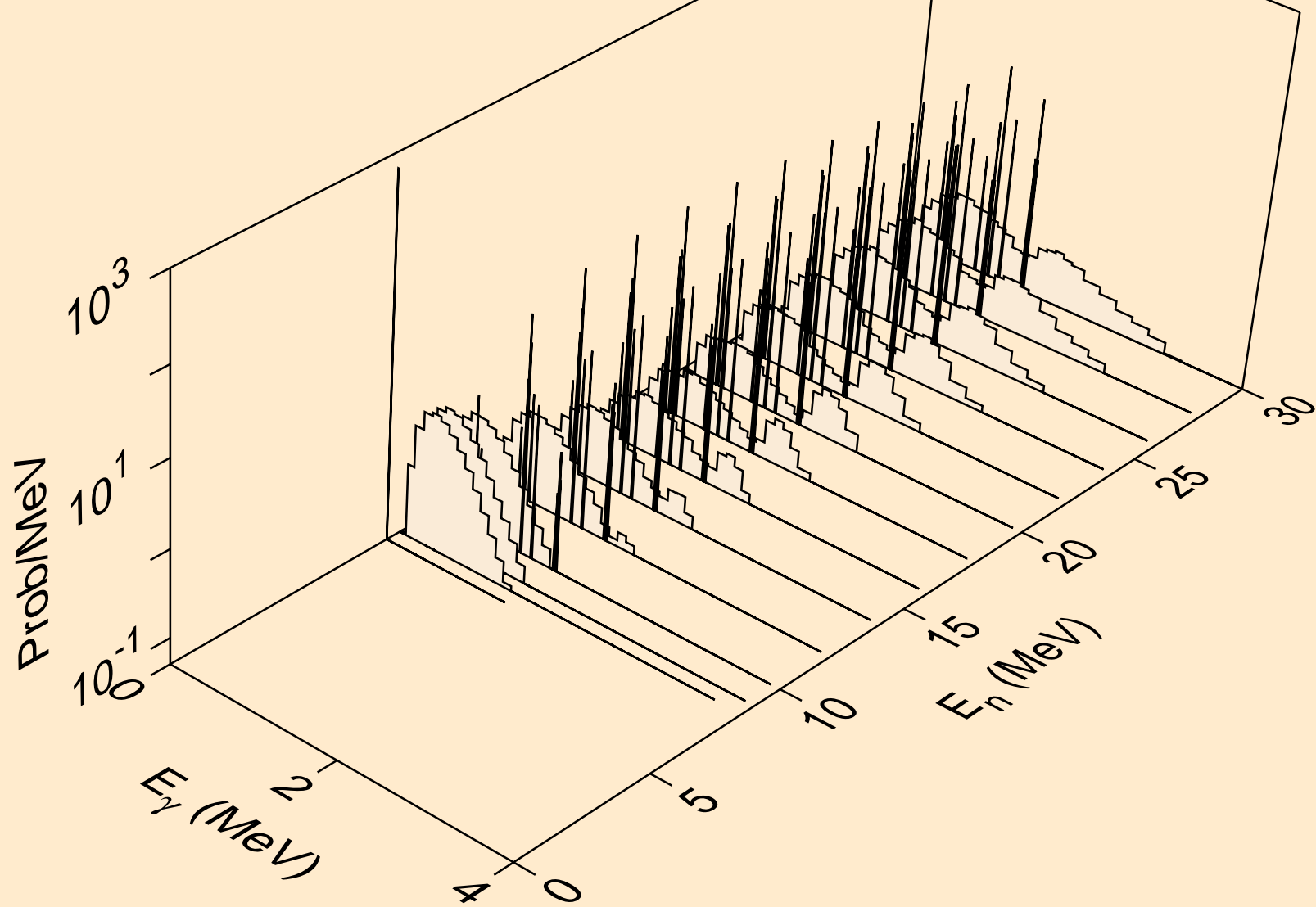




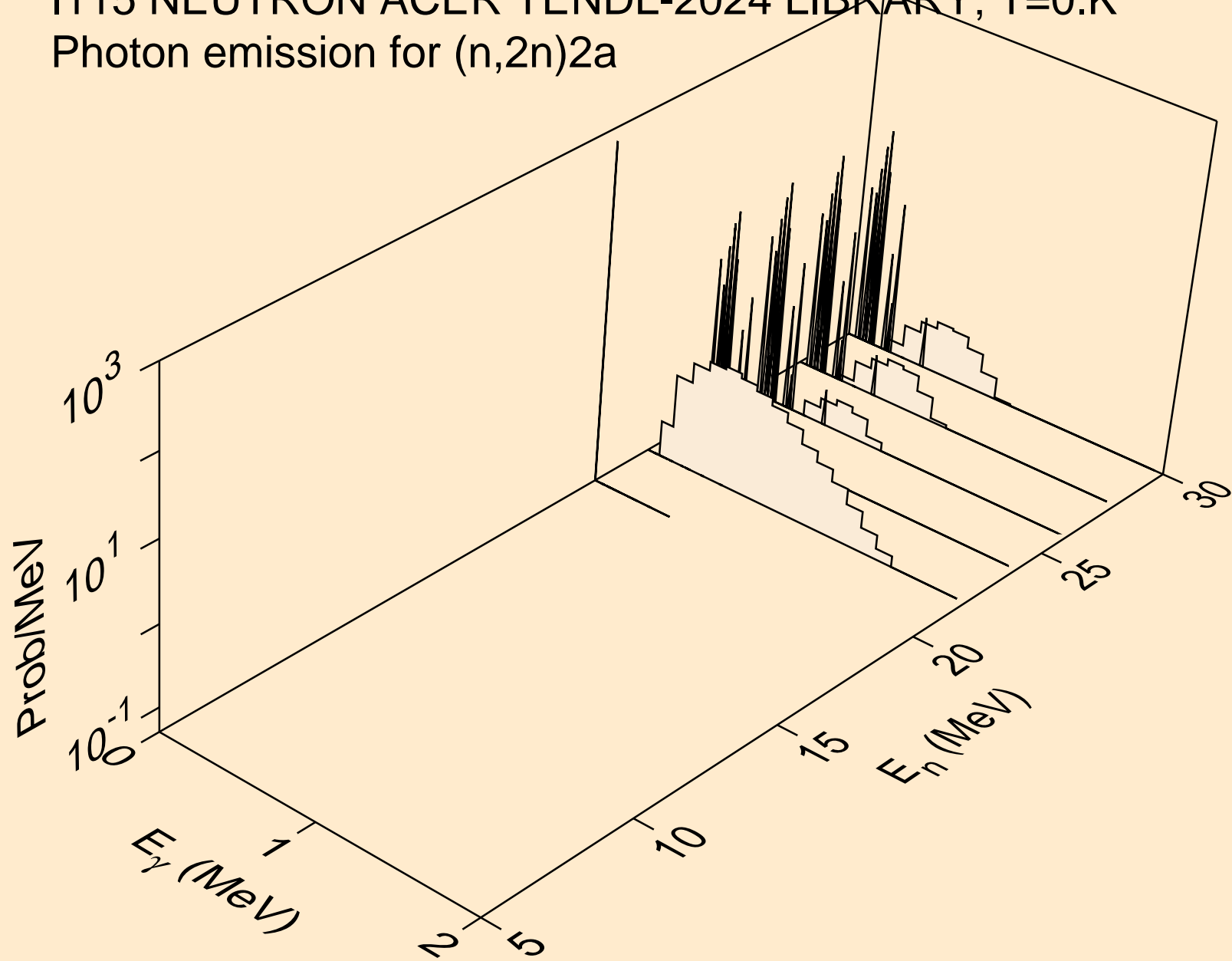
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



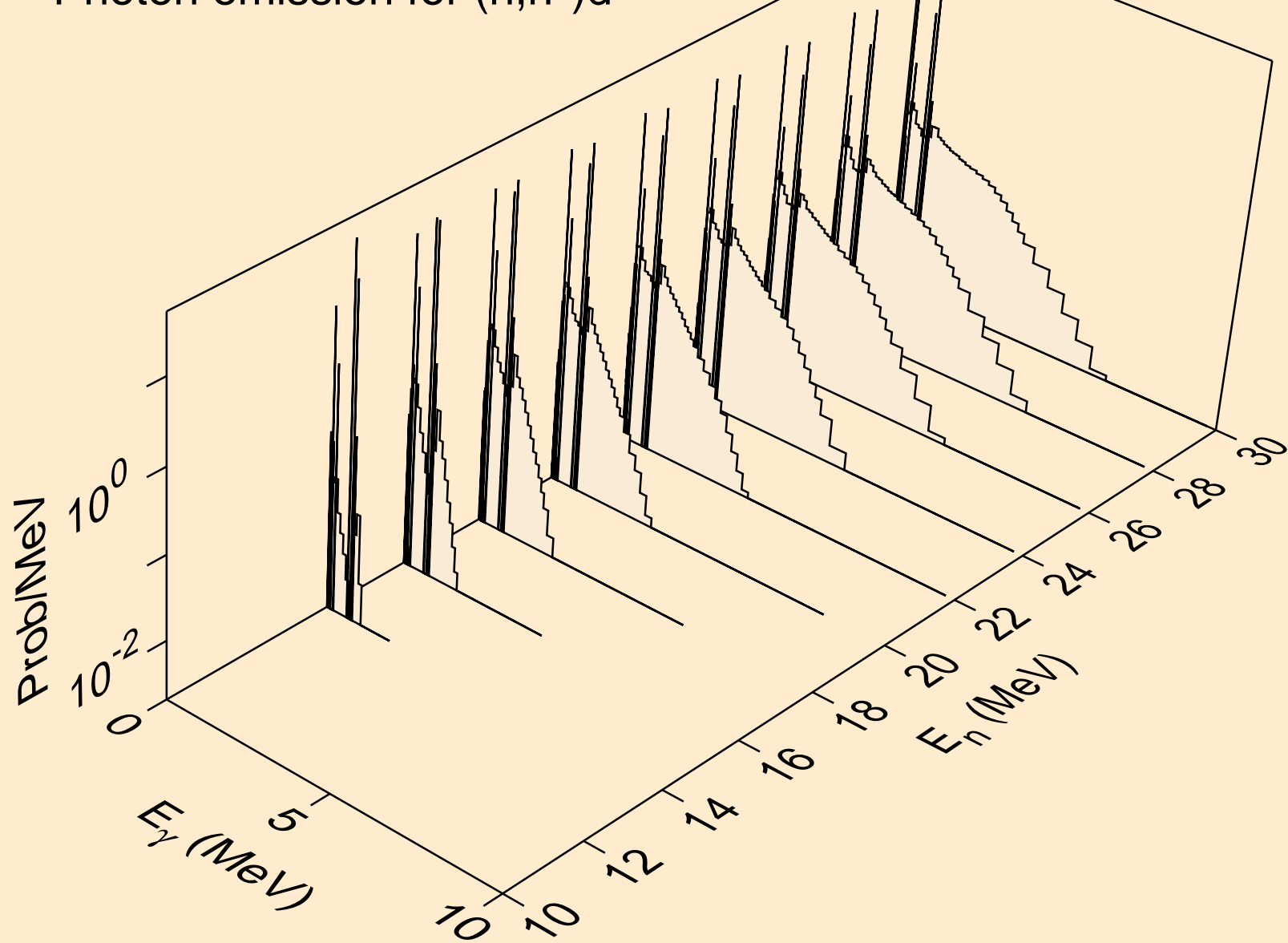
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Photon emission for (n,n\*)2a



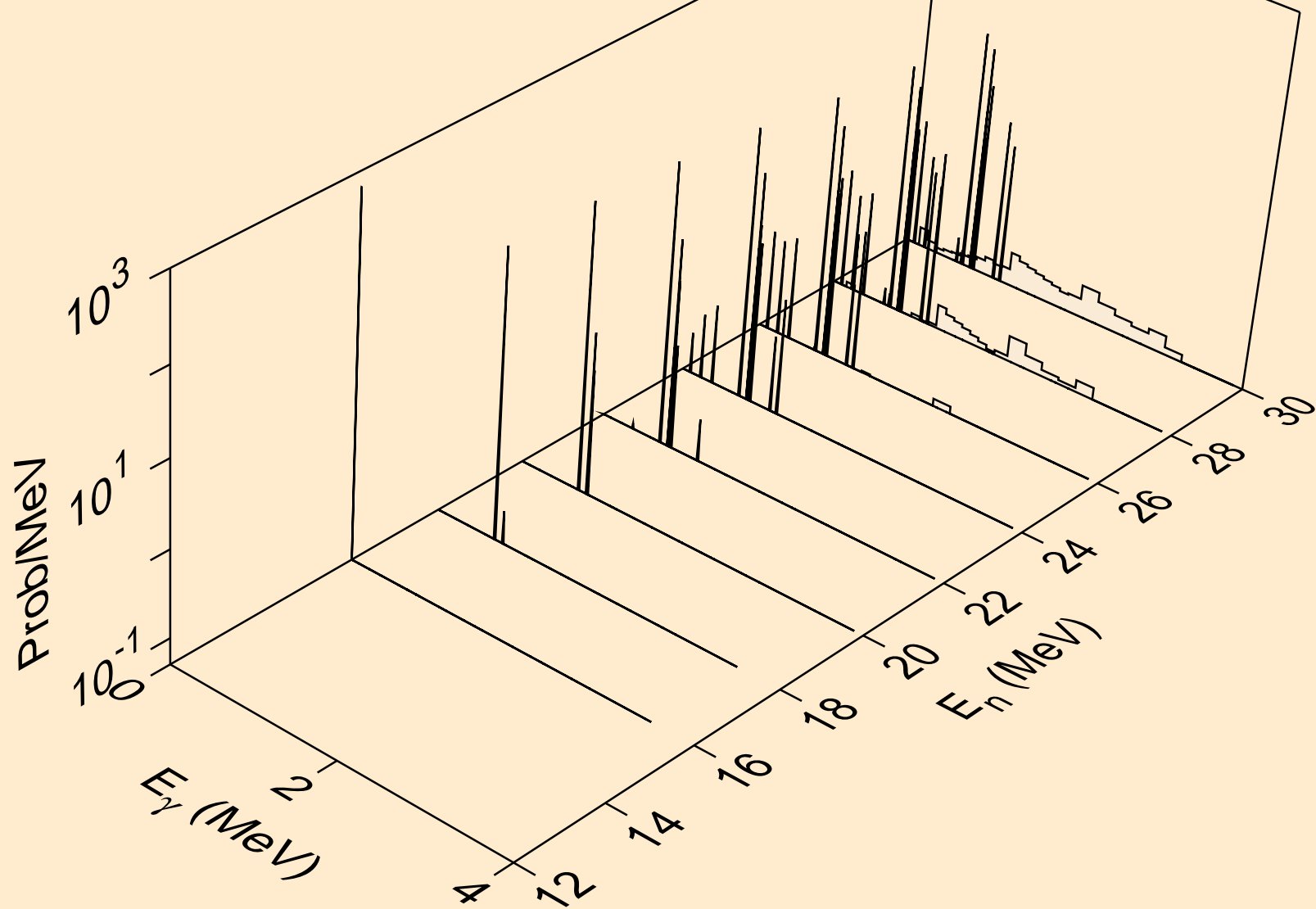
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



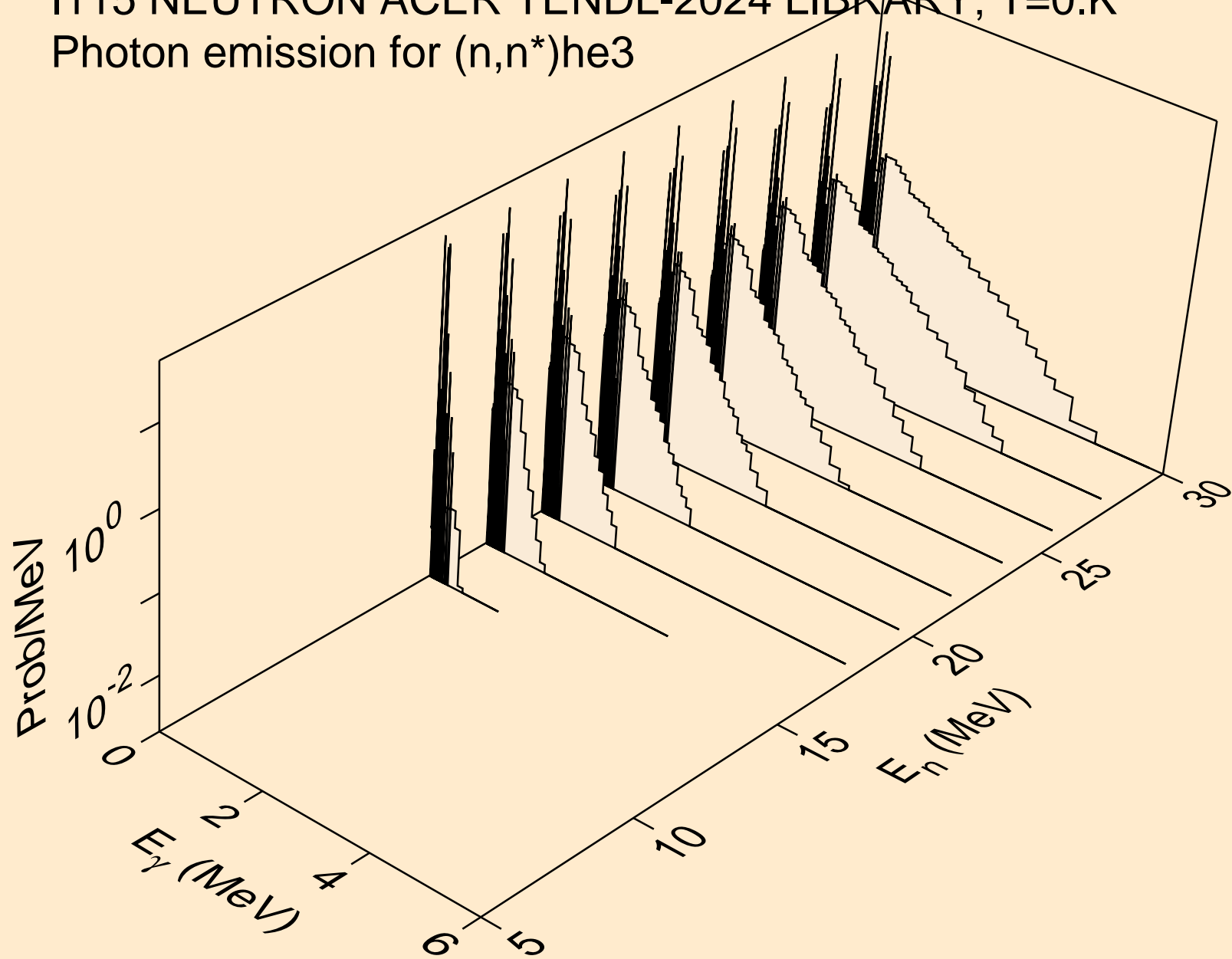
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



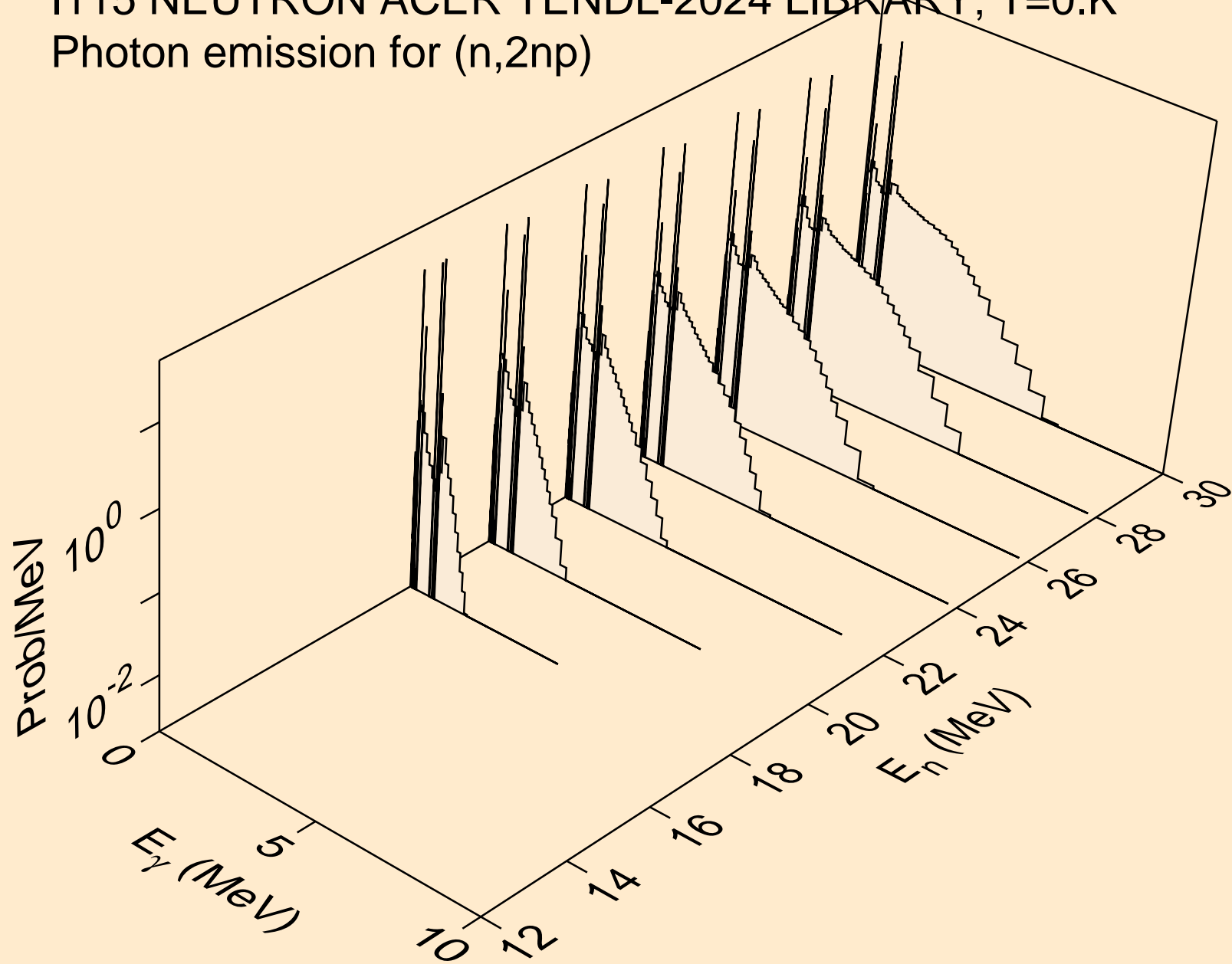
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



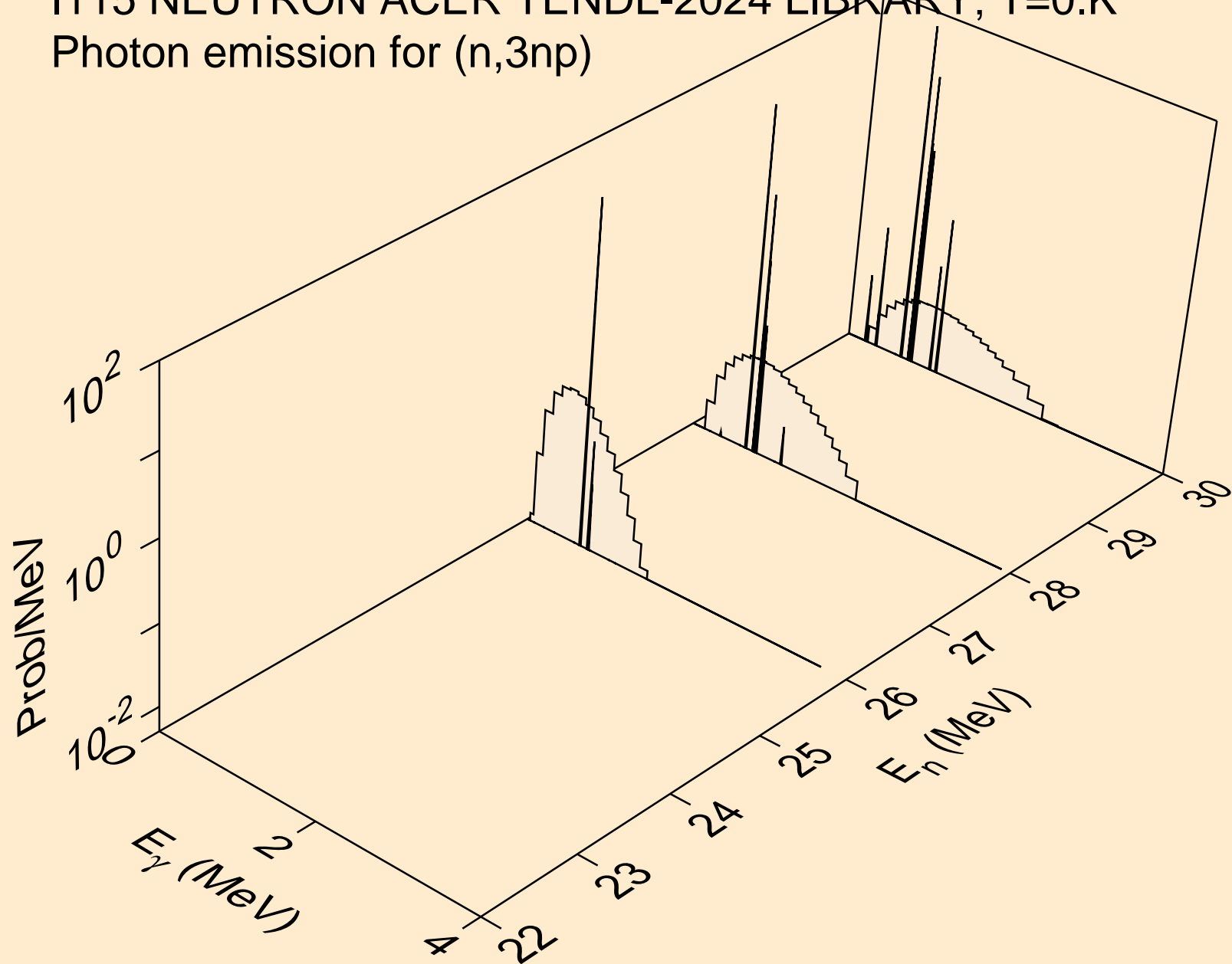
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

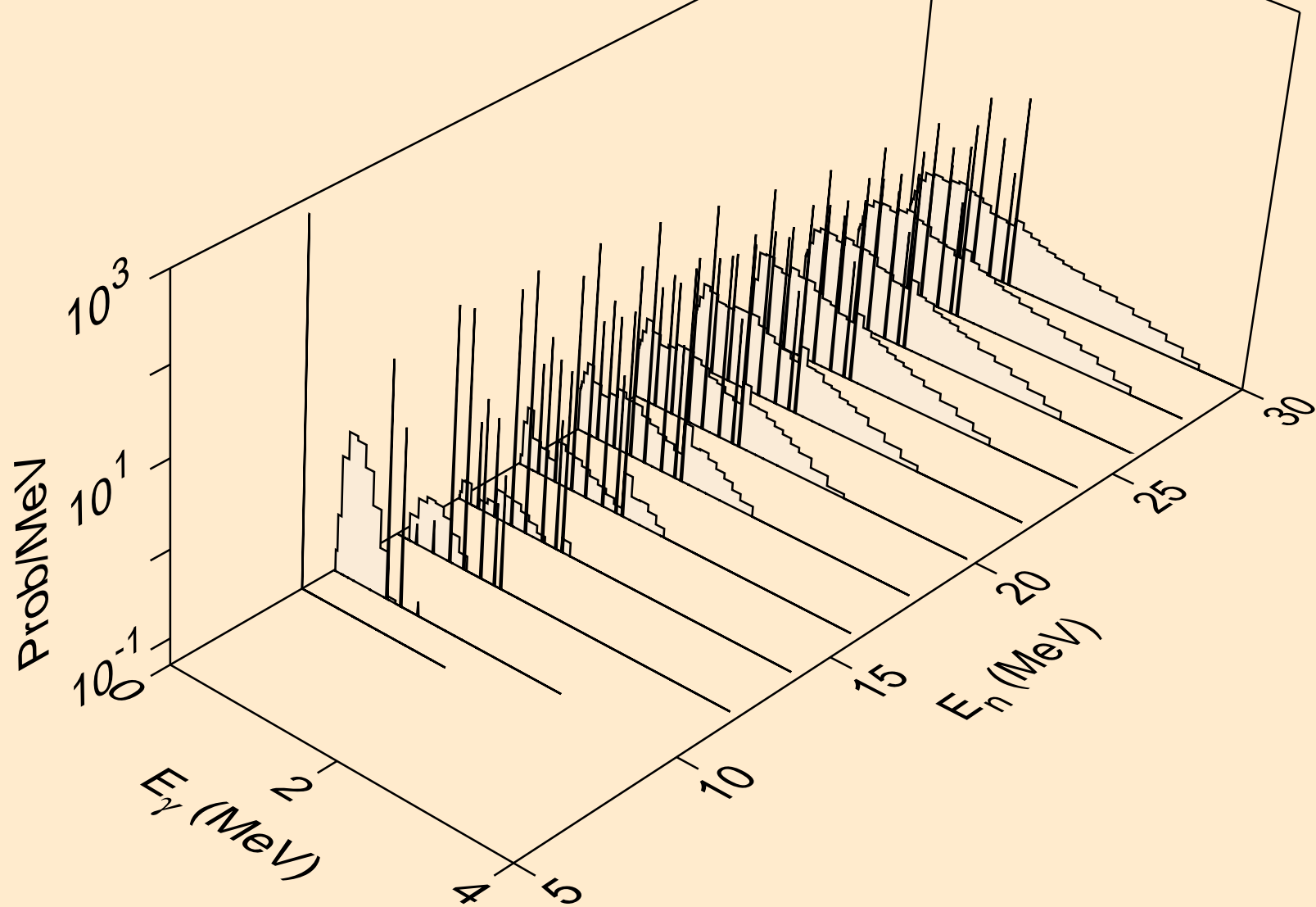


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

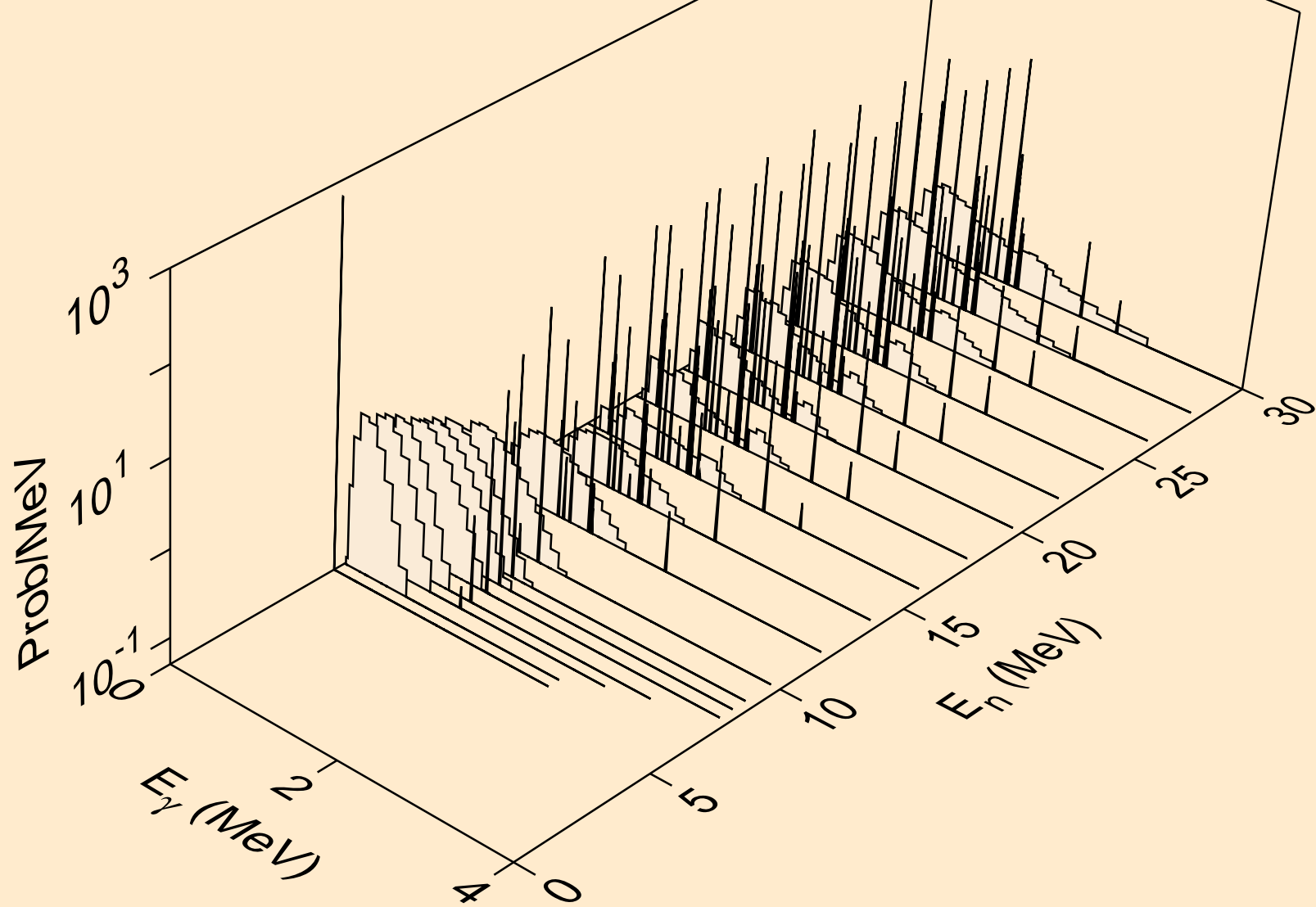




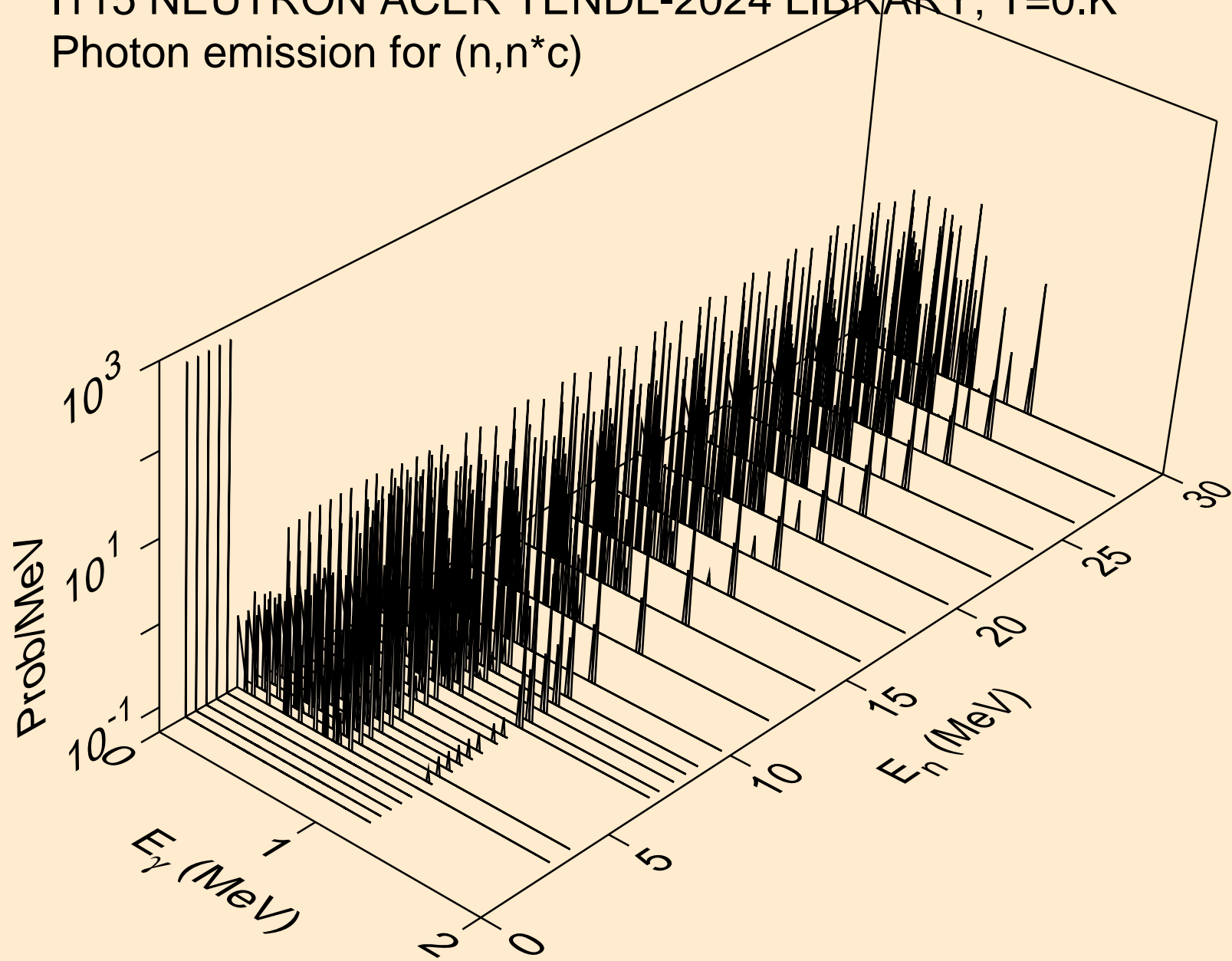
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



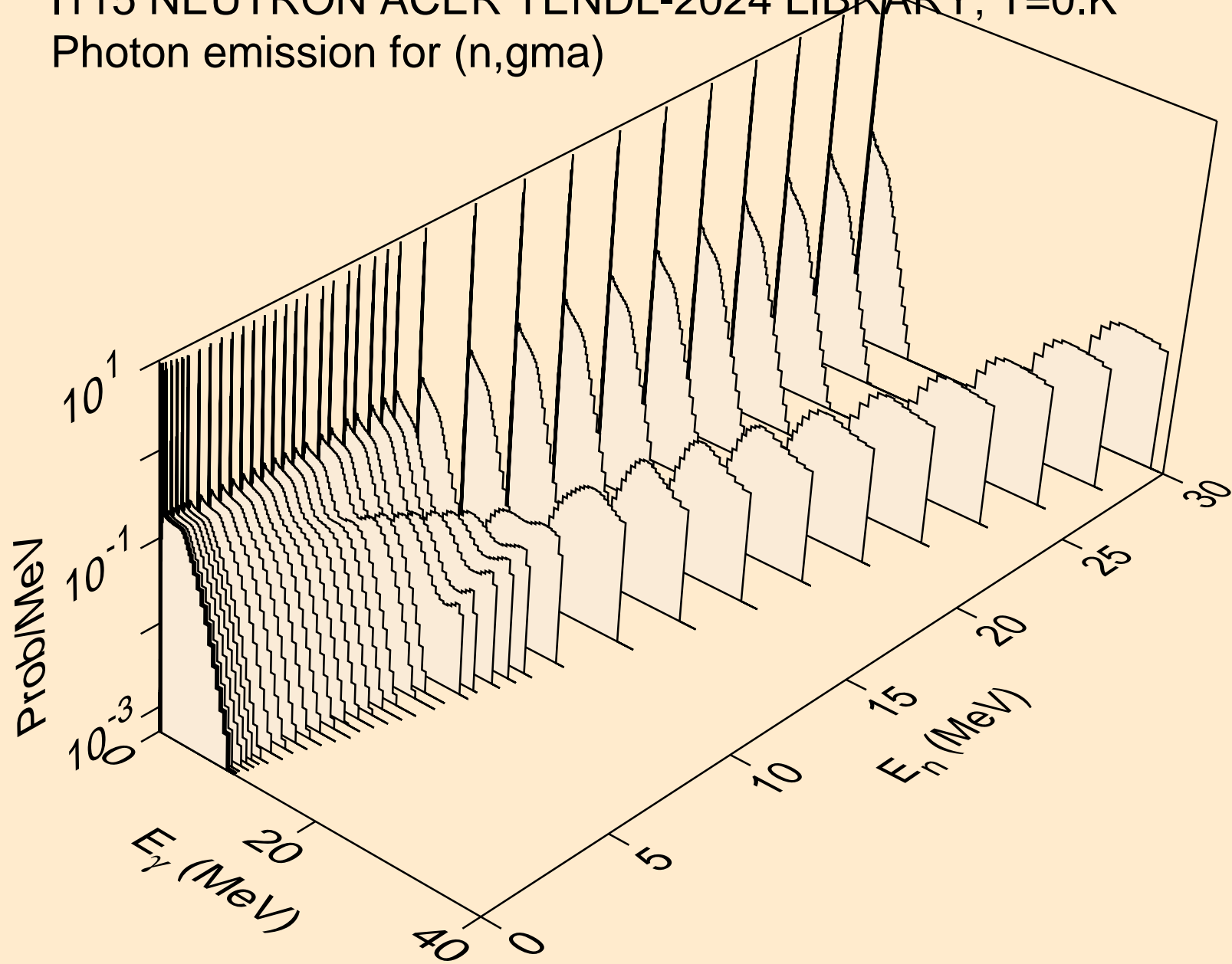
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



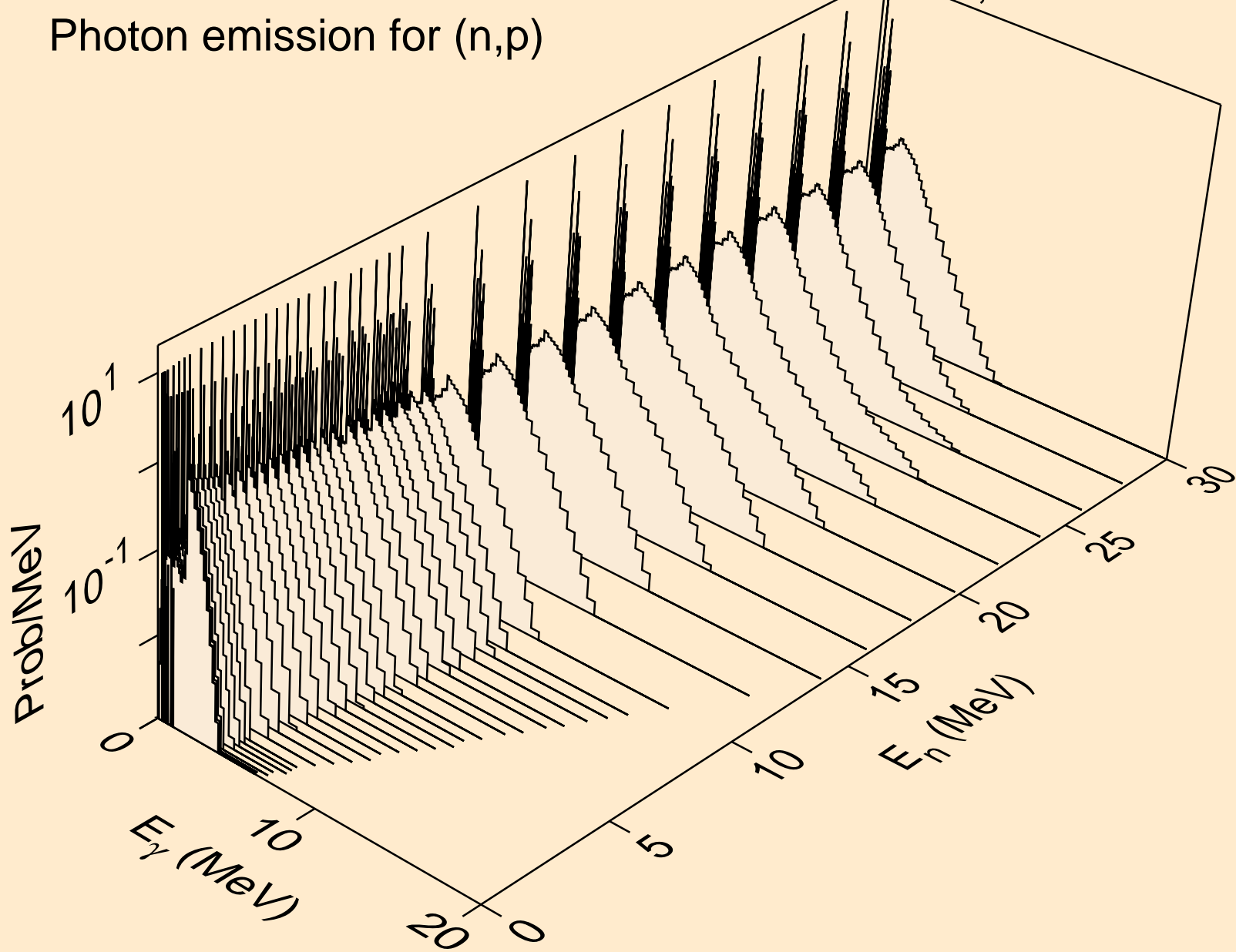
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



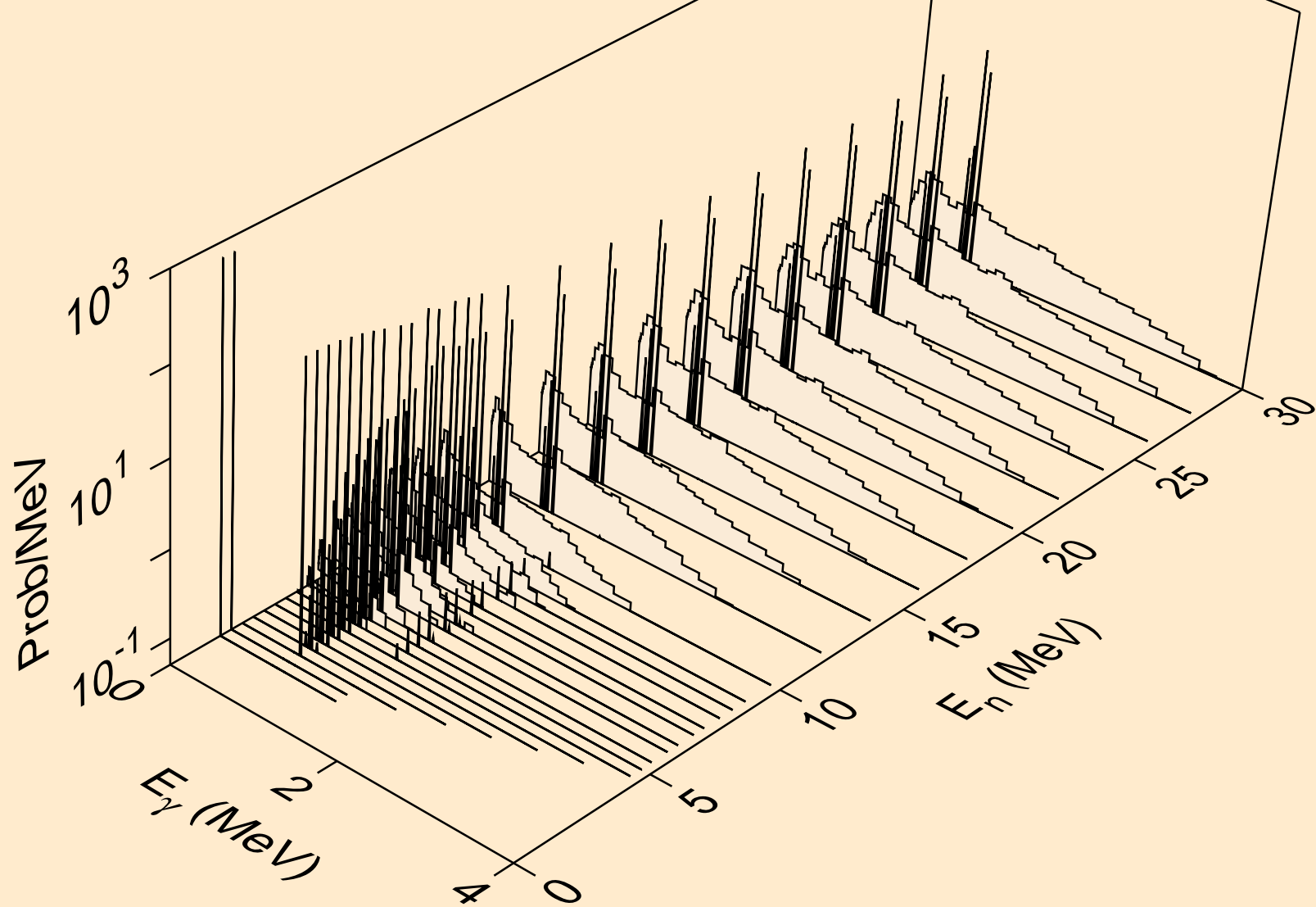
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



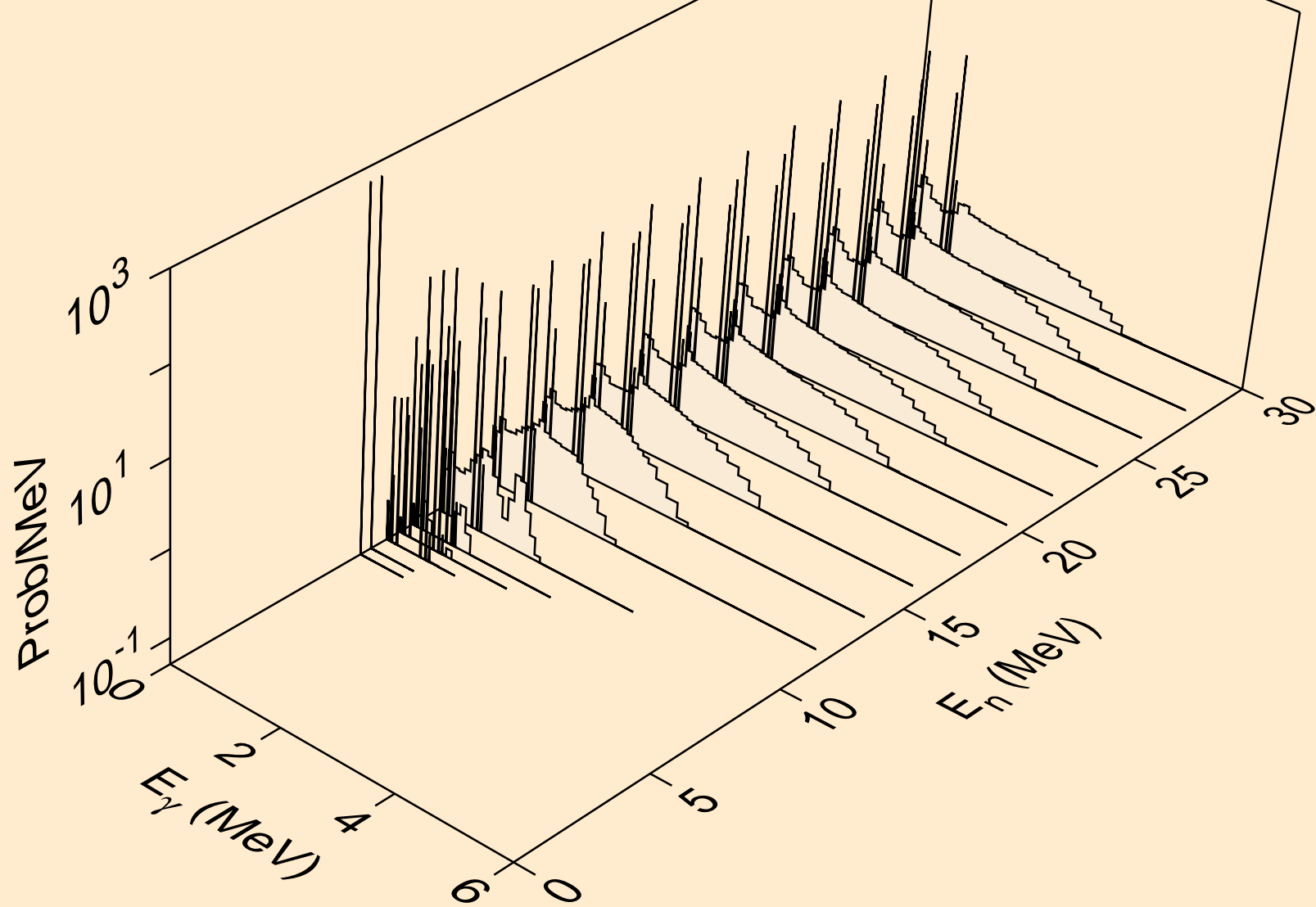
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



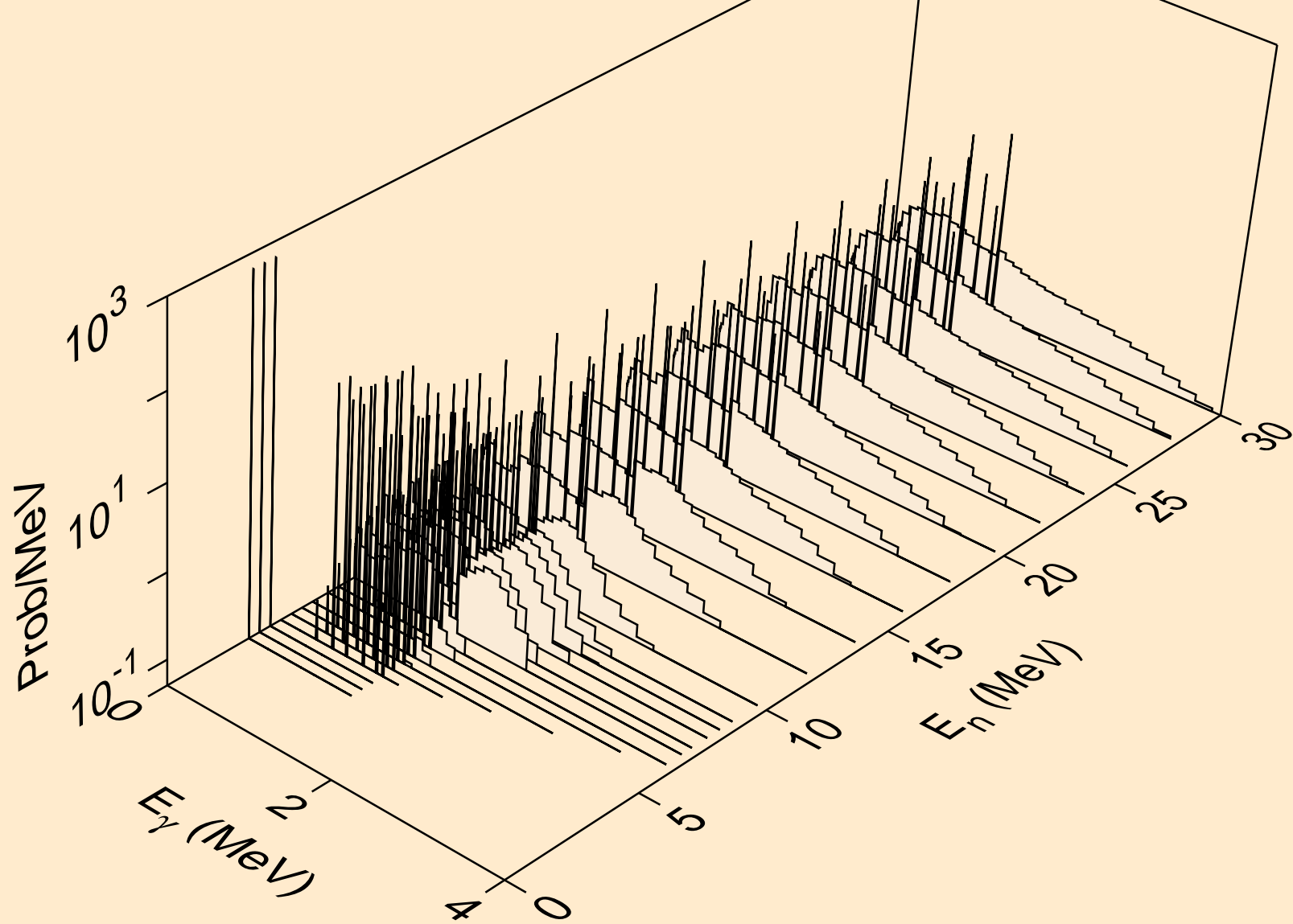
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

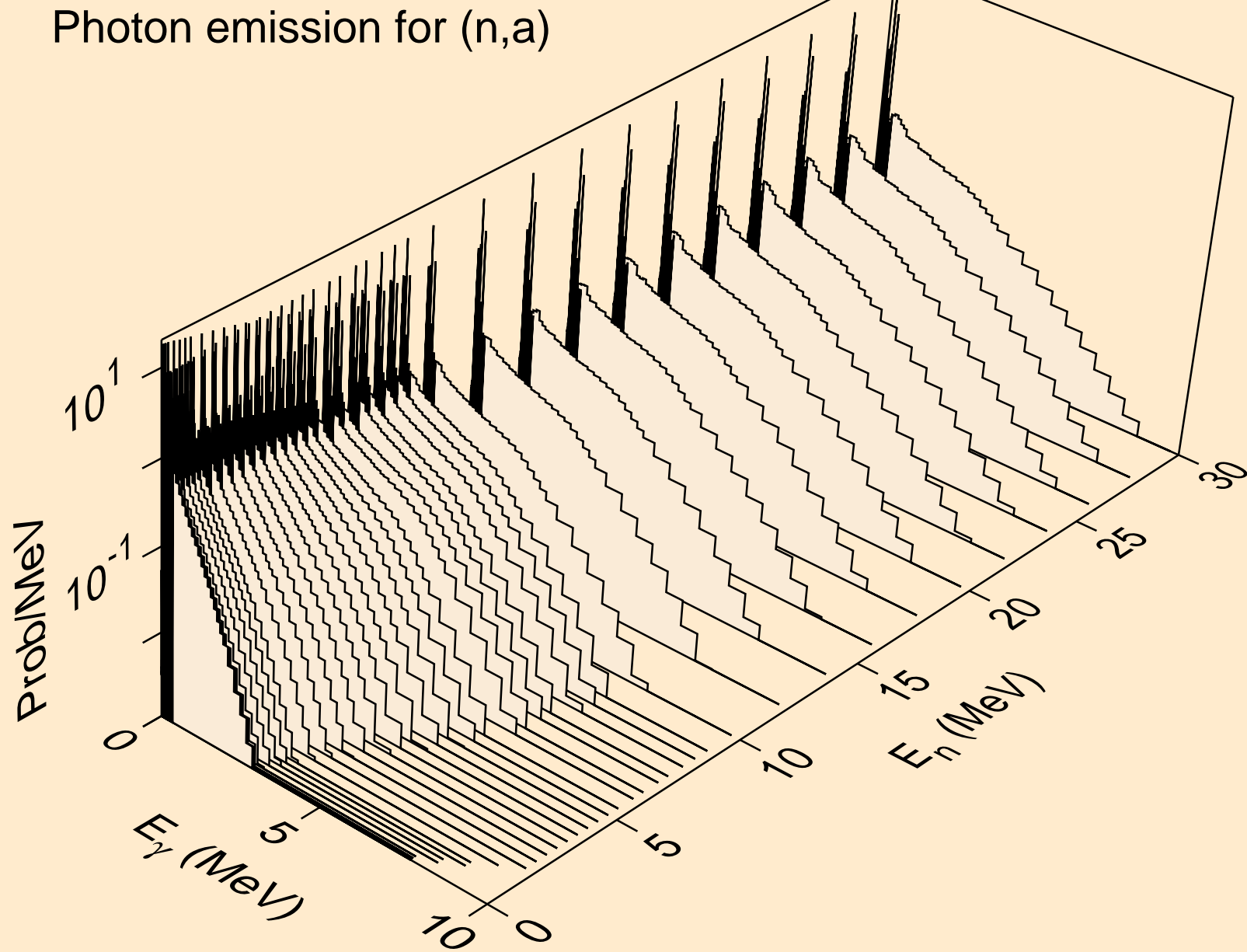


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

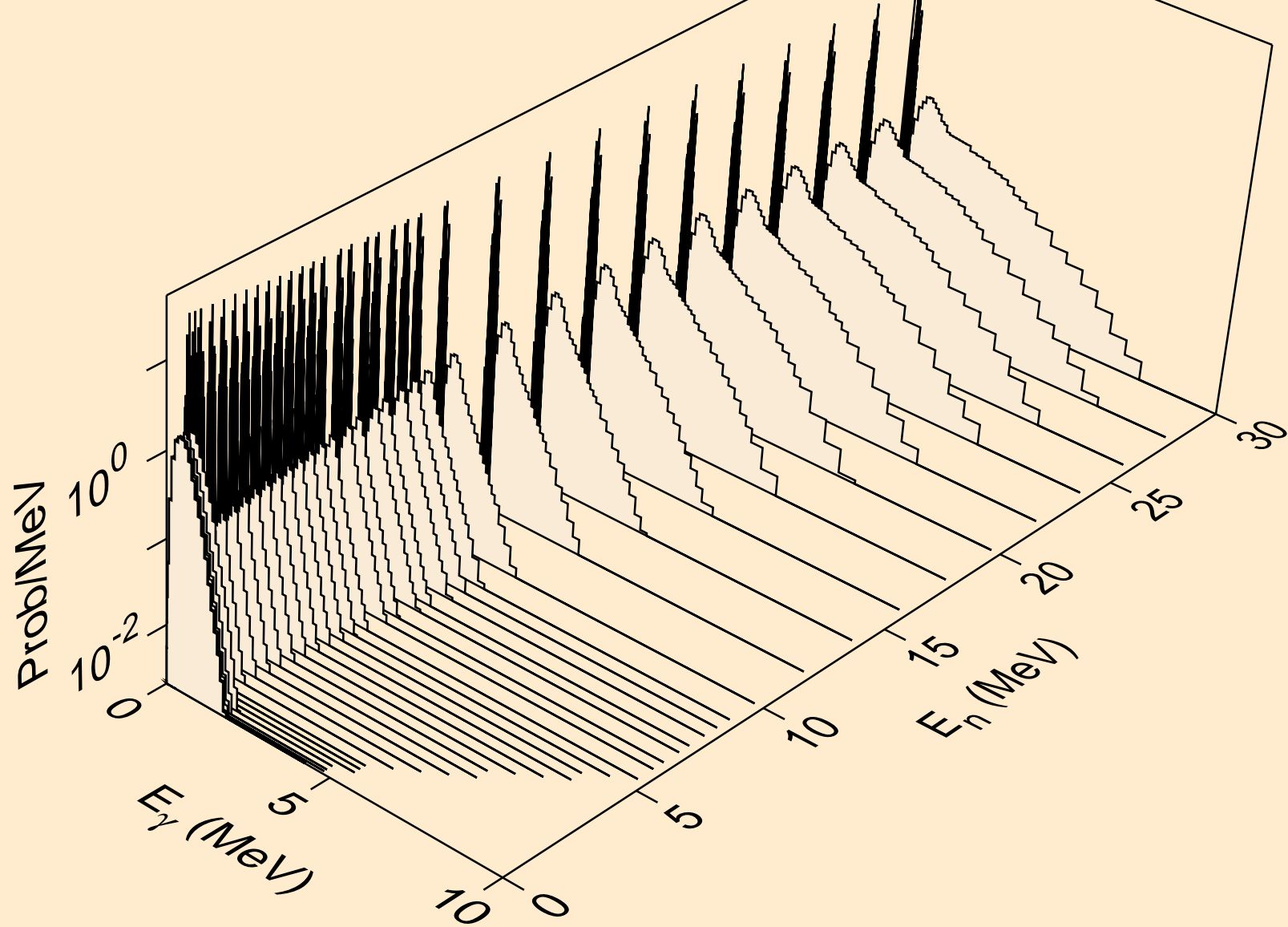




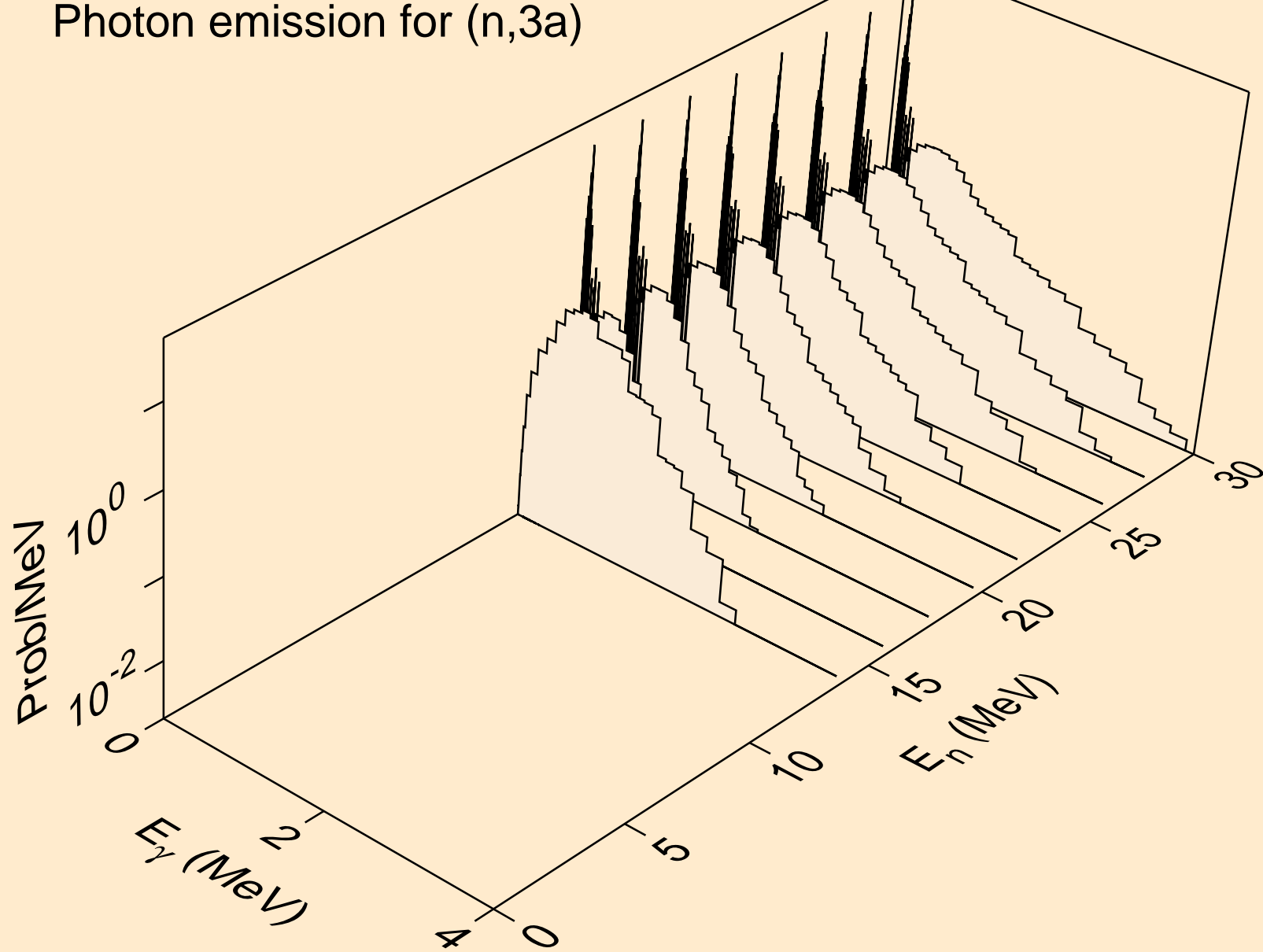
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



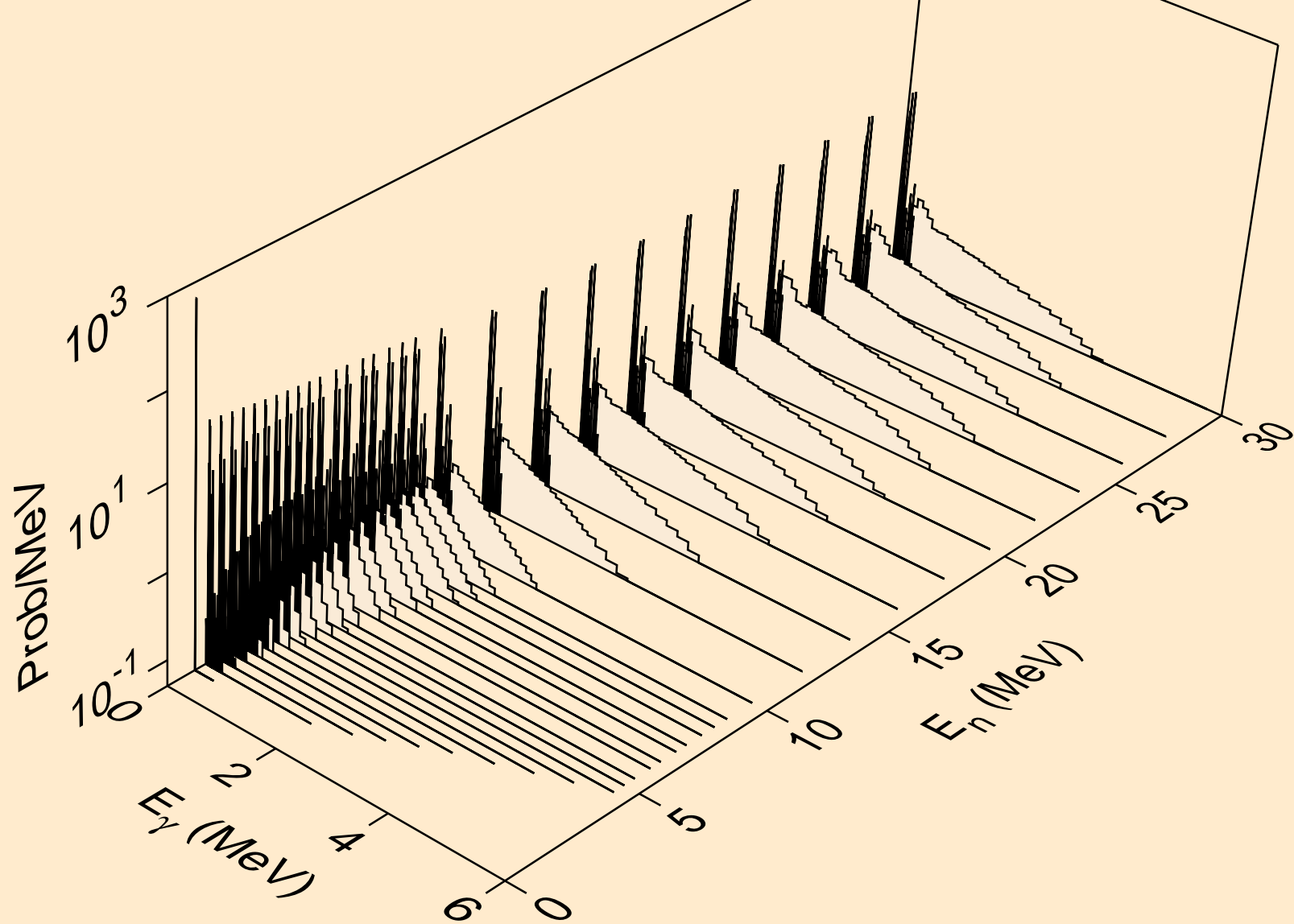
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



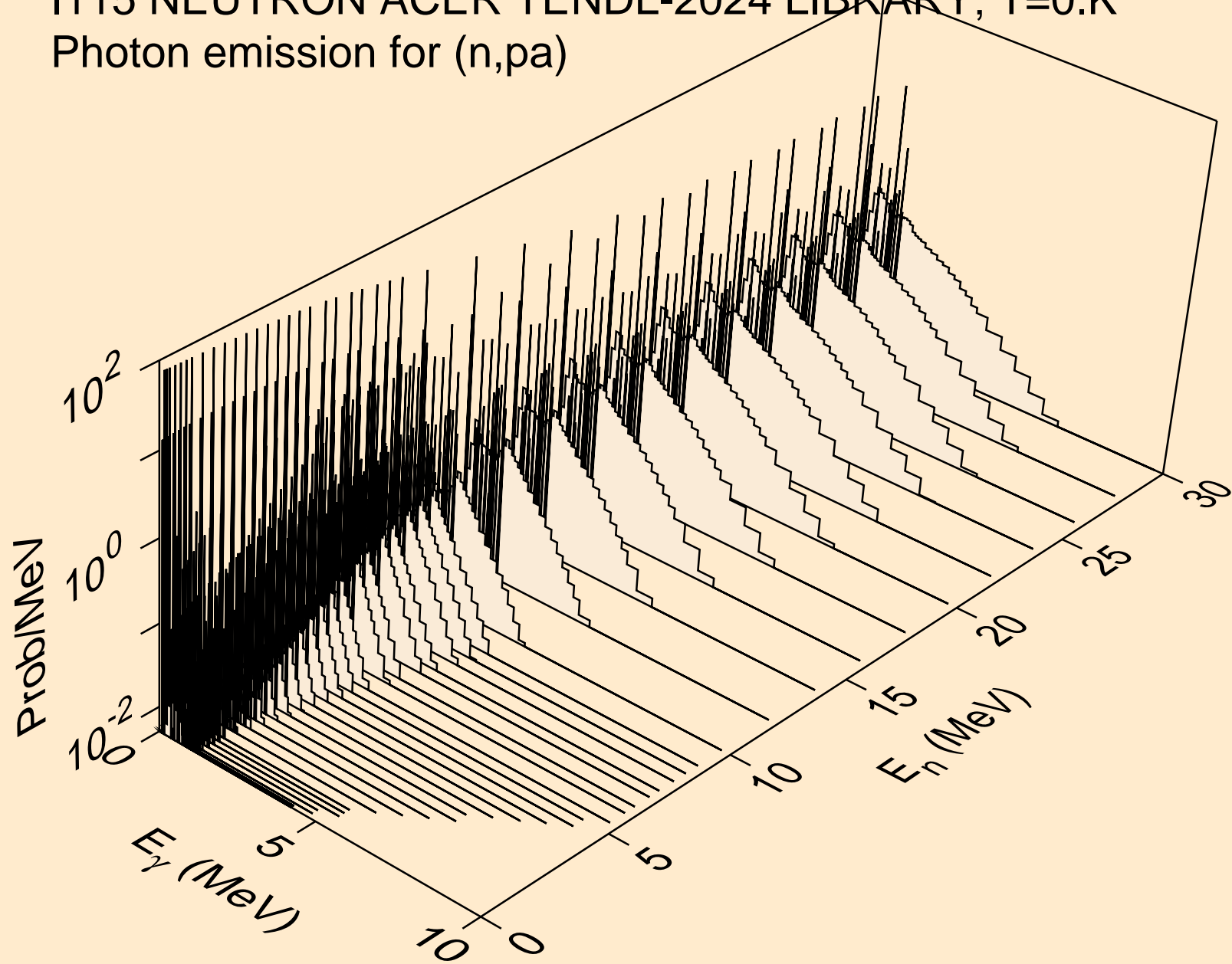
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



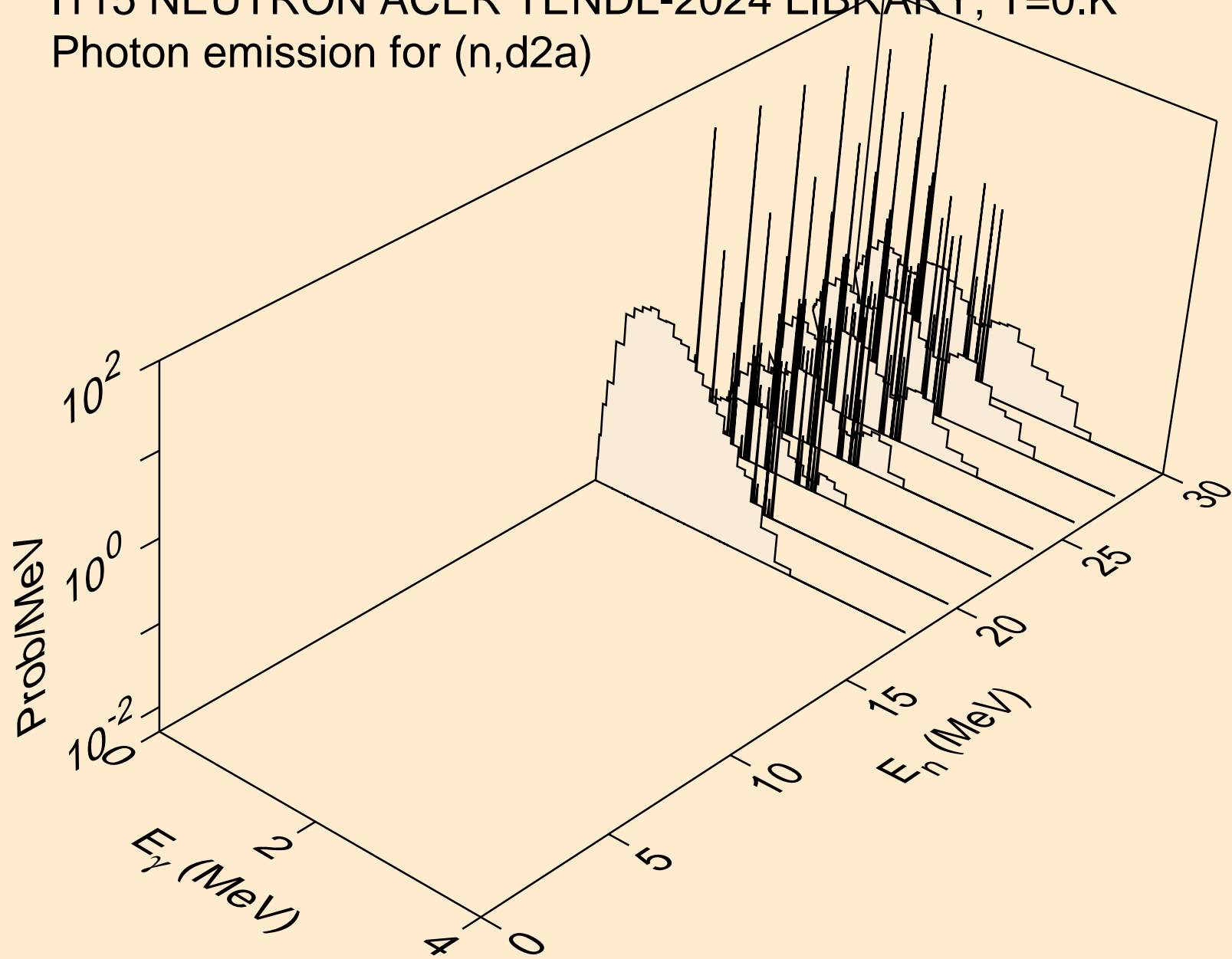
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



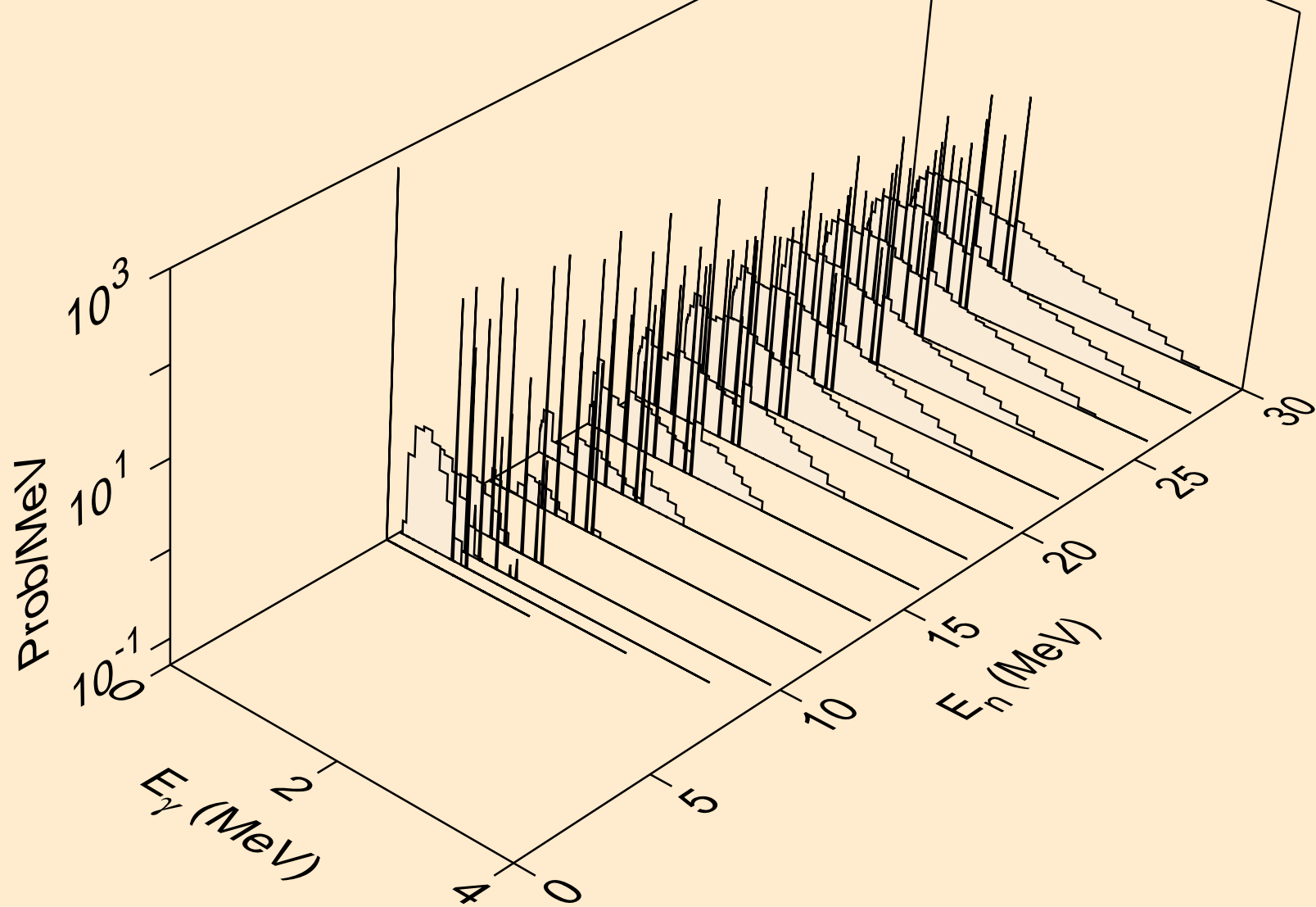
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



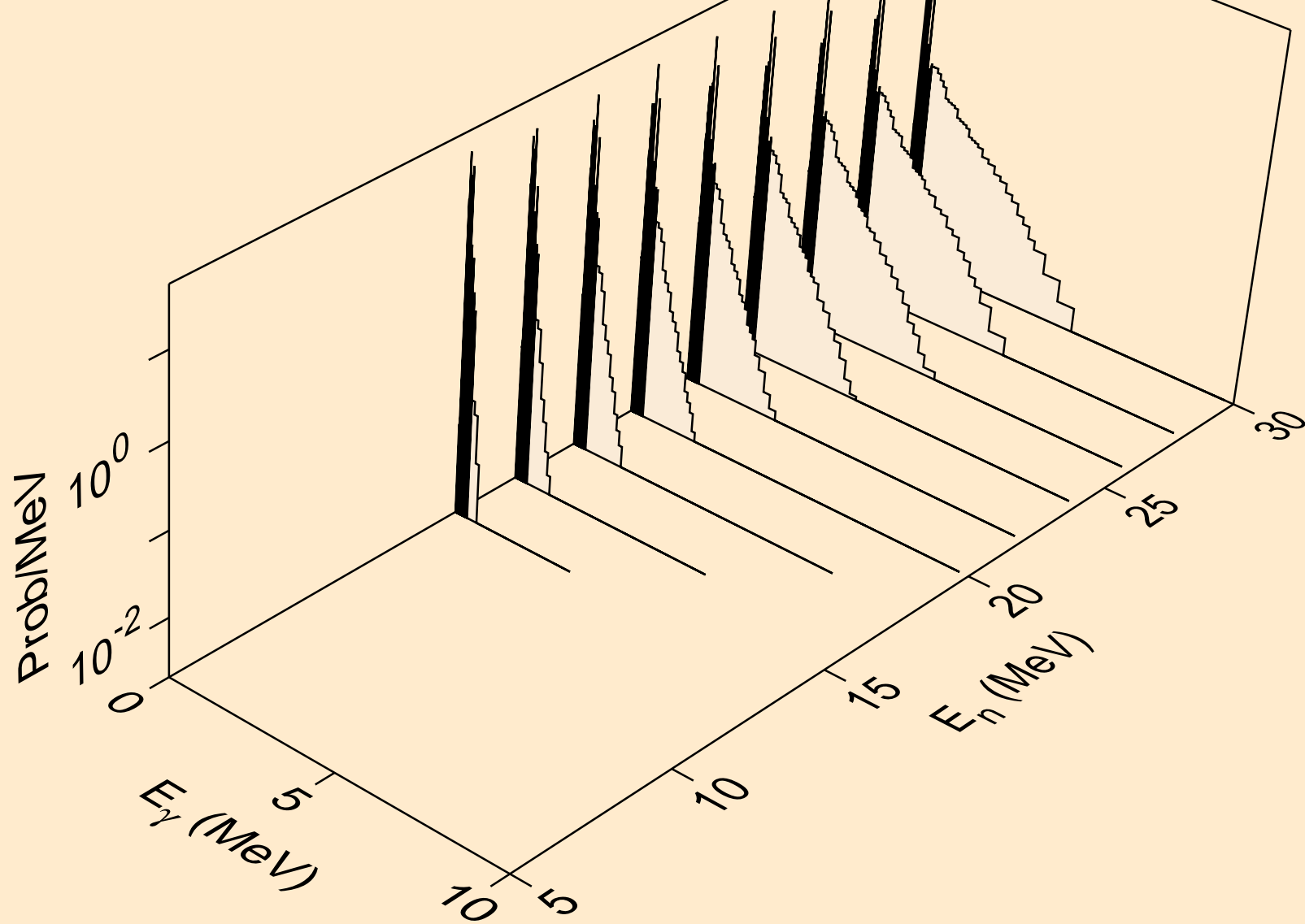
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

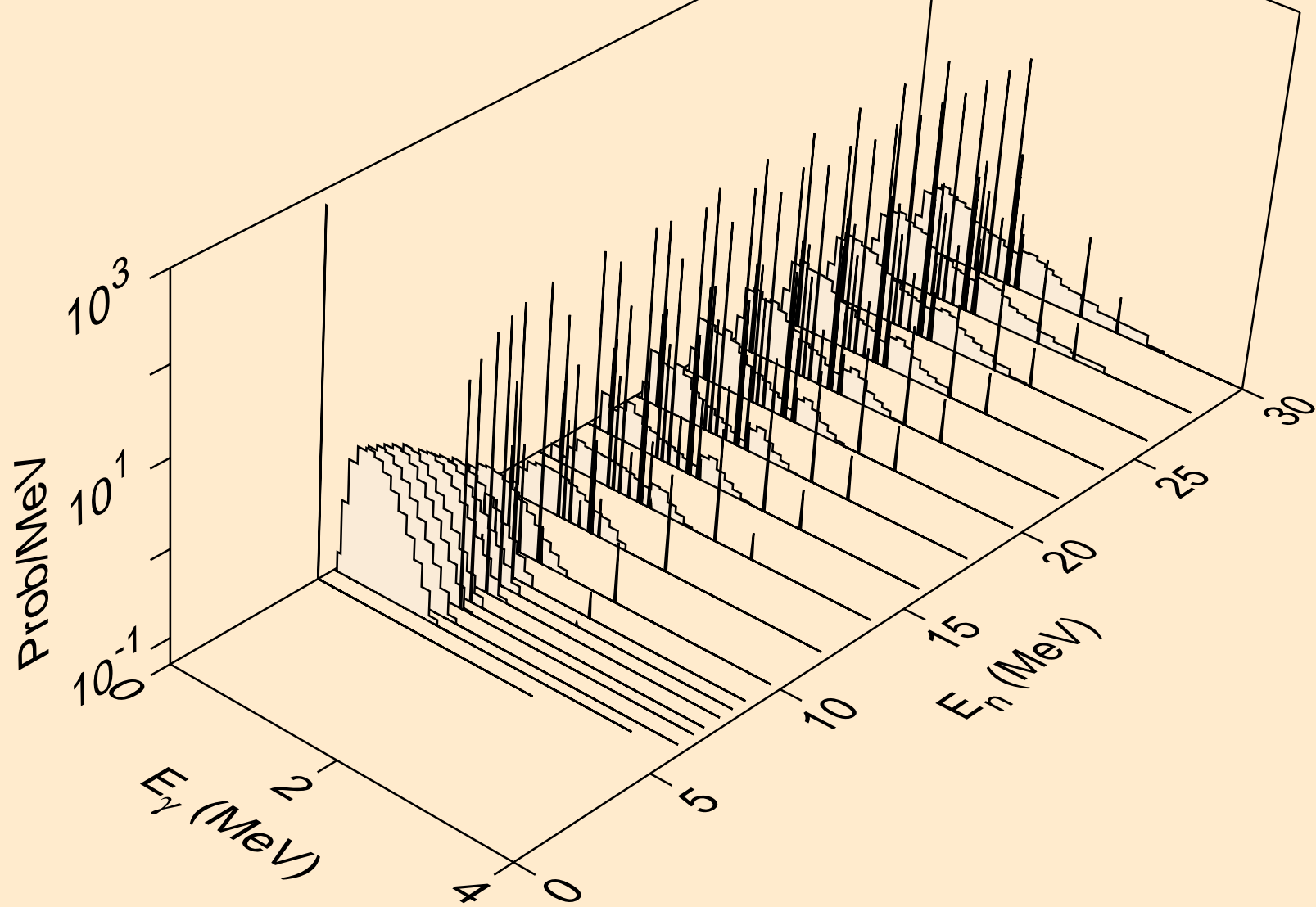


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

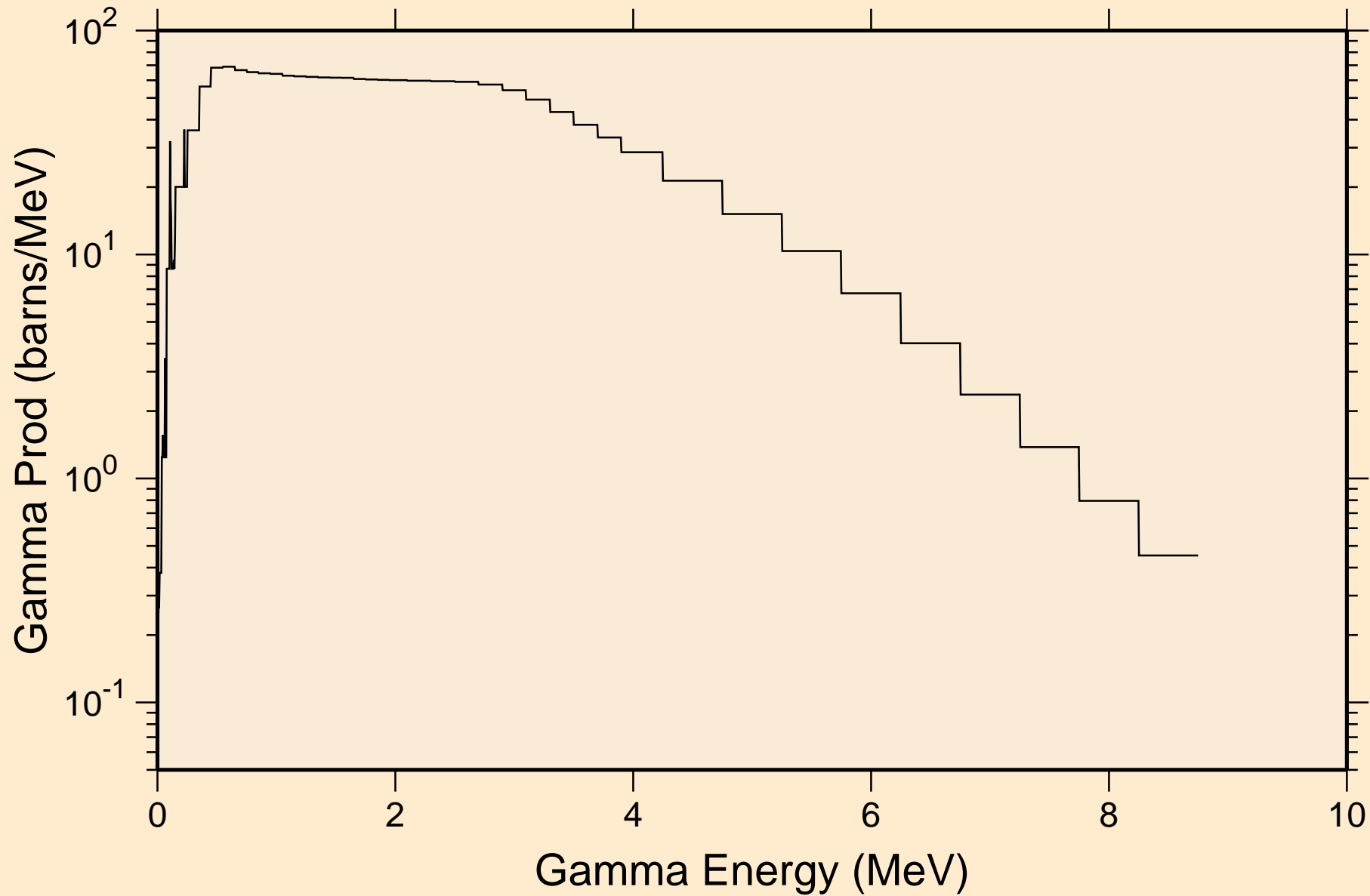




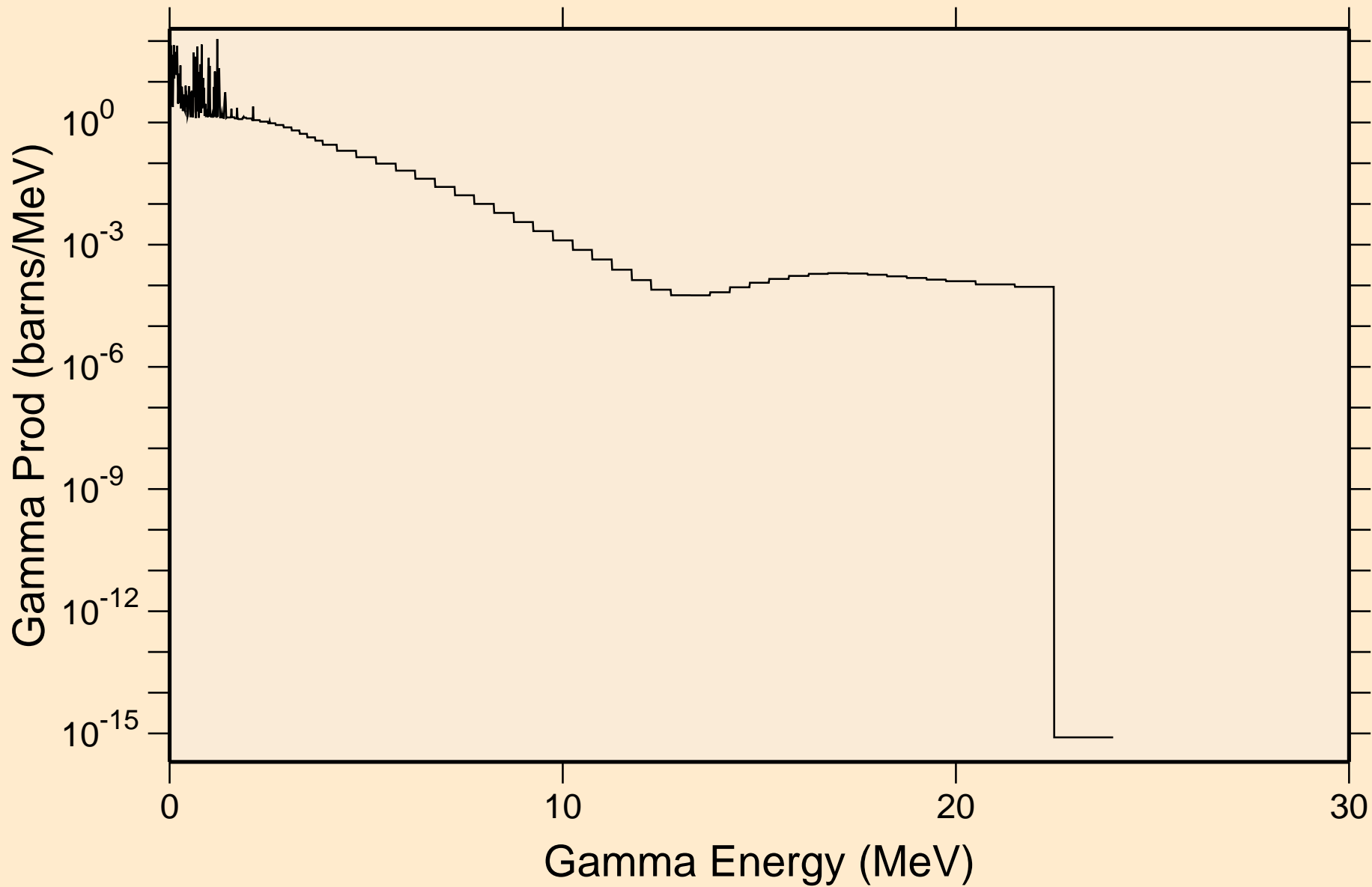
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

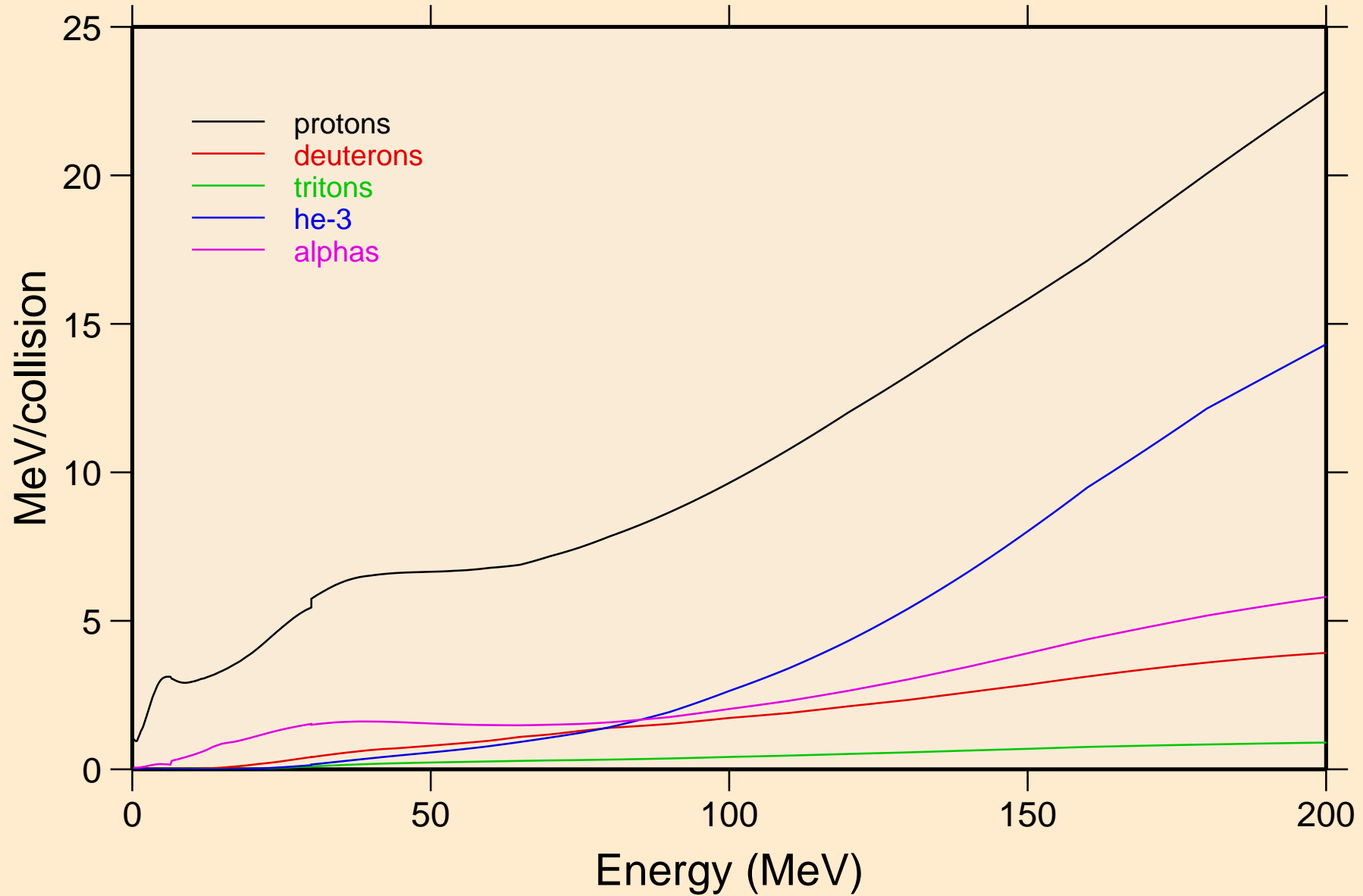


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

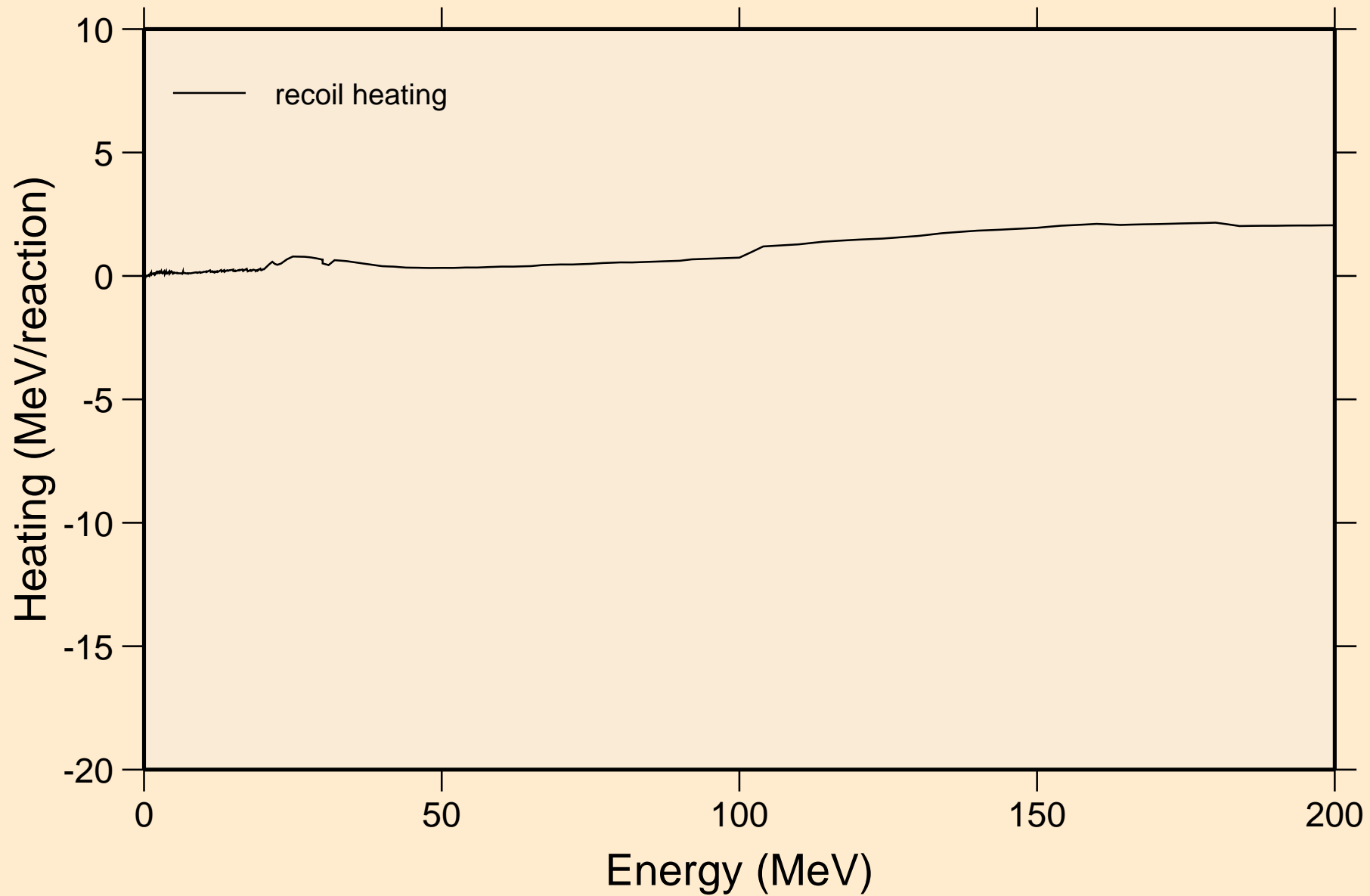


# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

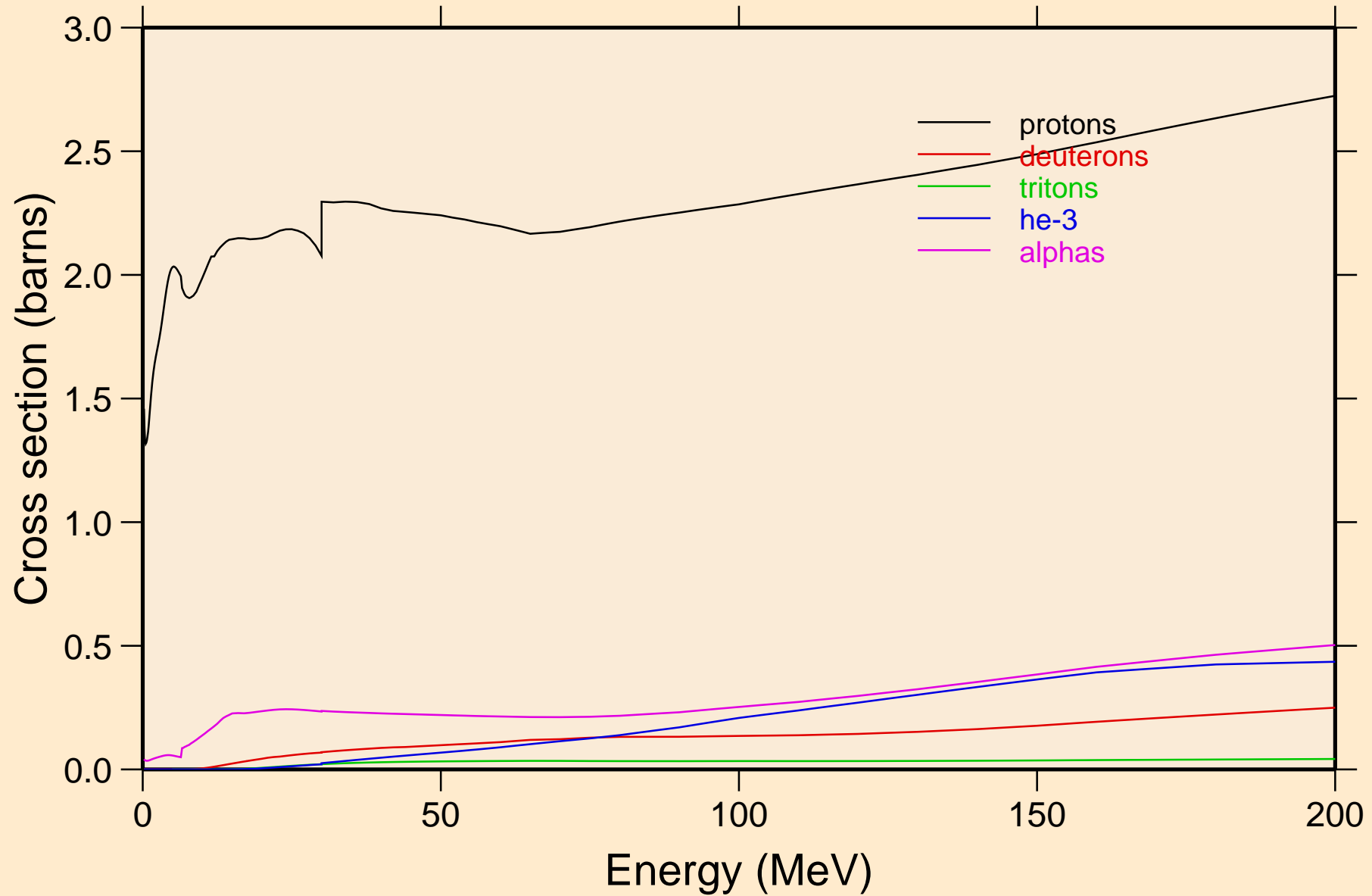


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

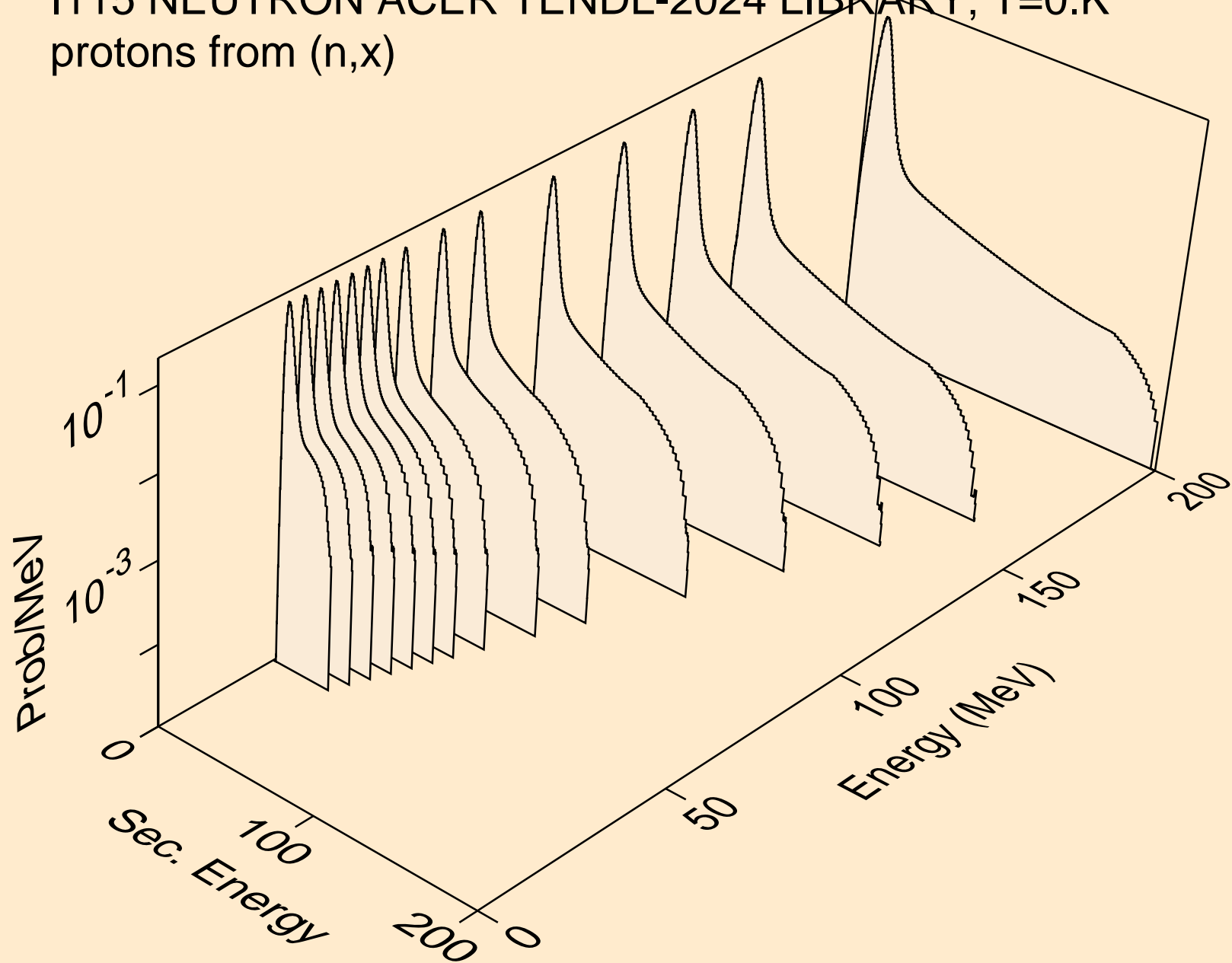


# I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

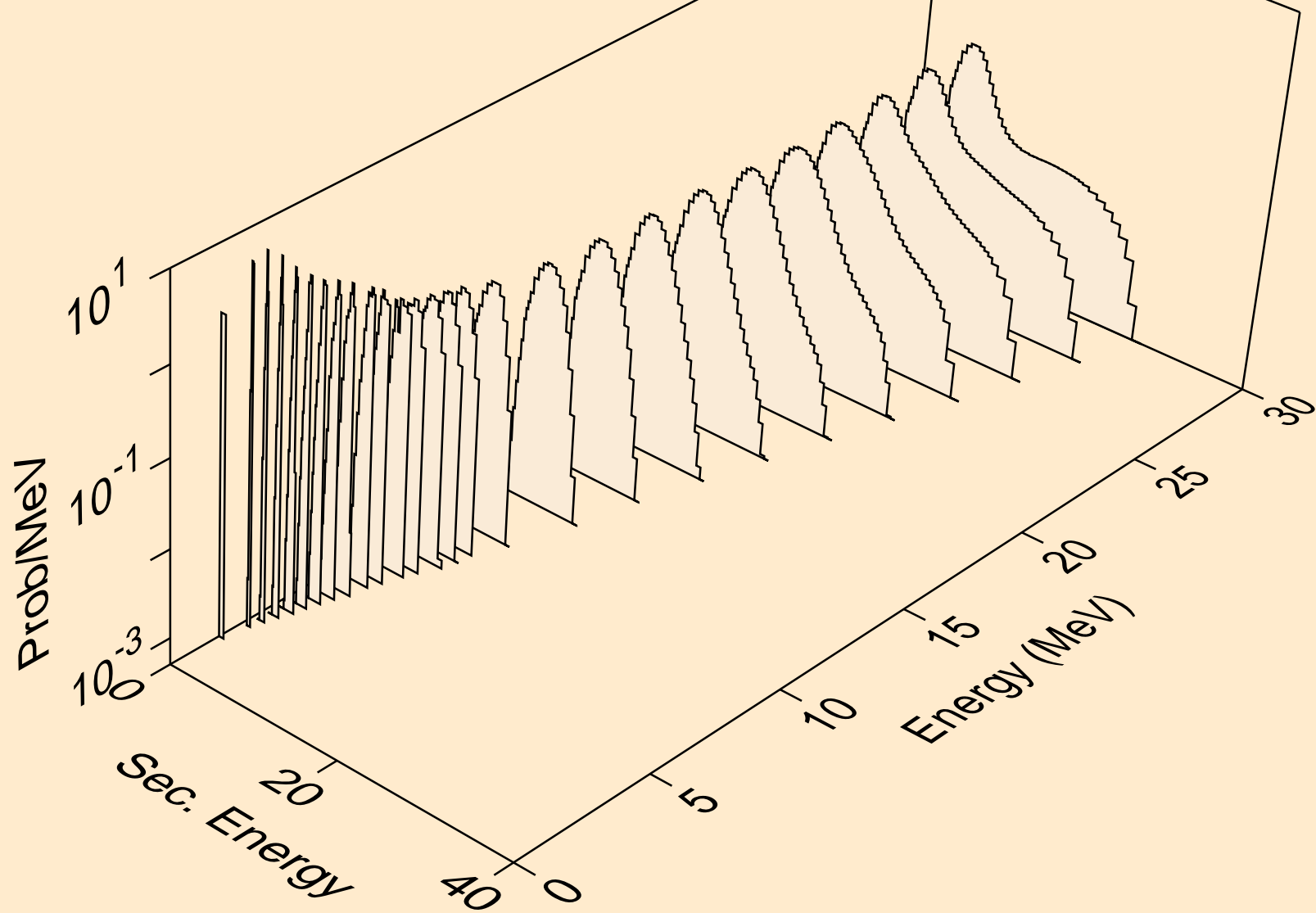
## Particle production cross sections



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

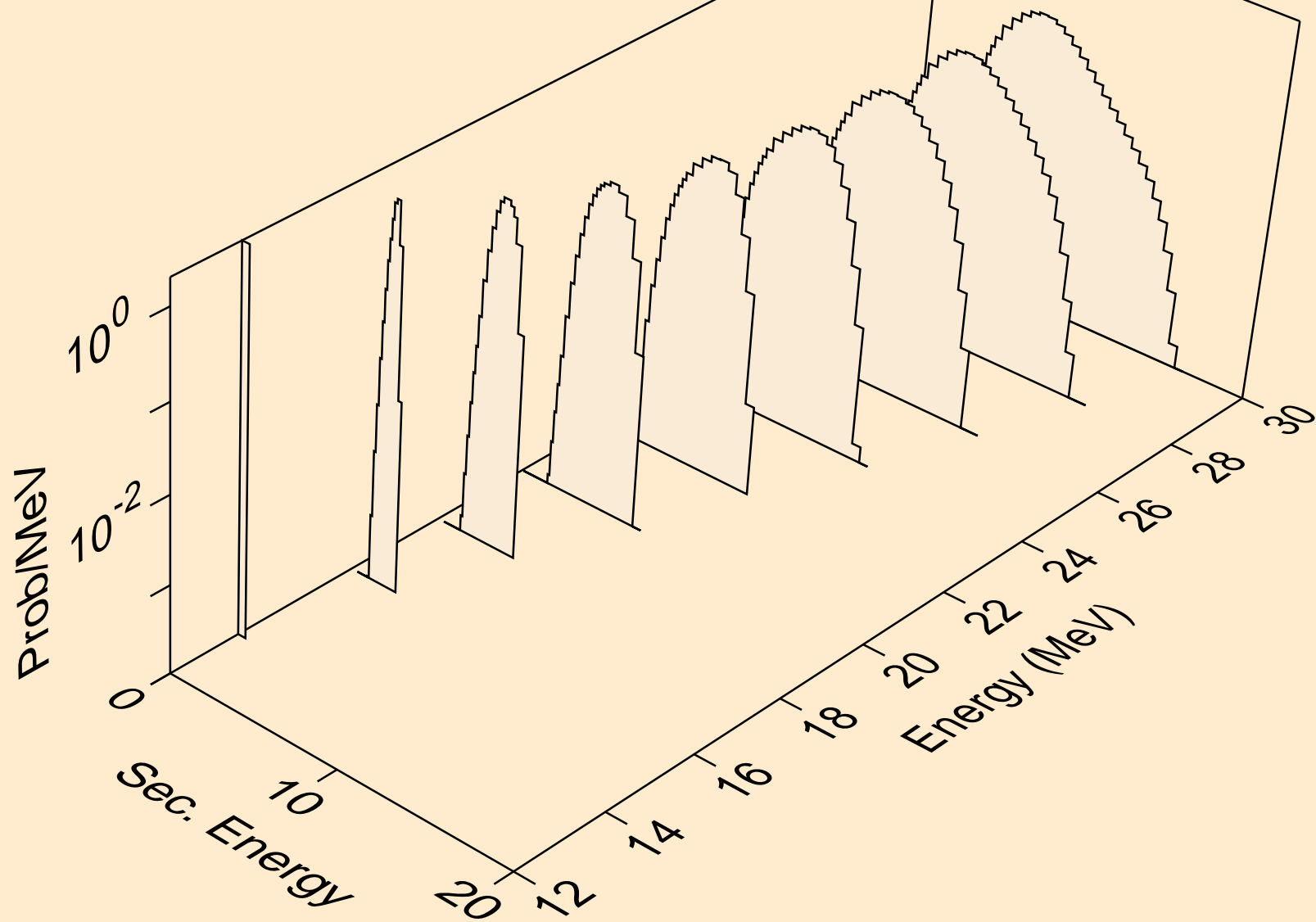


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

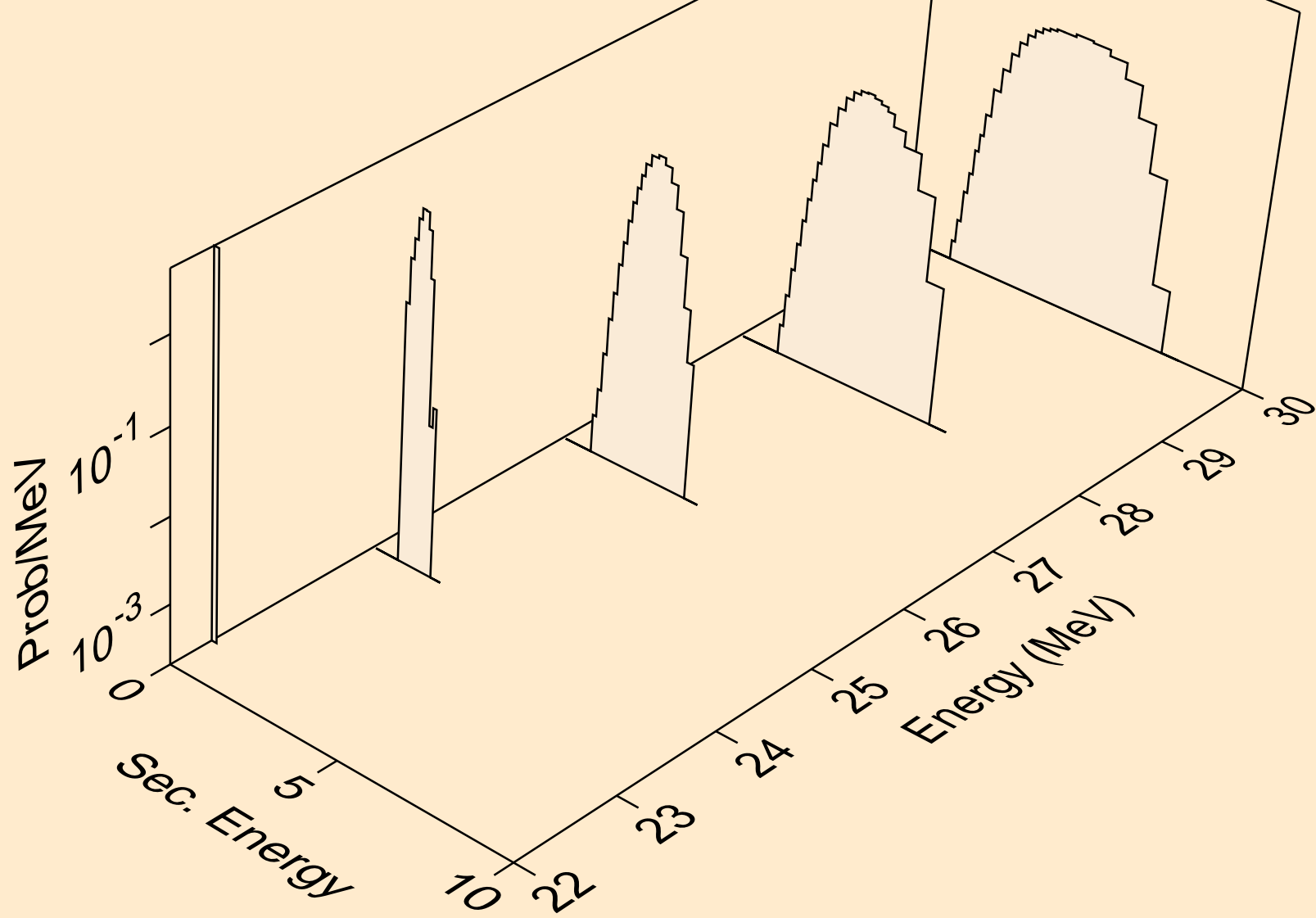




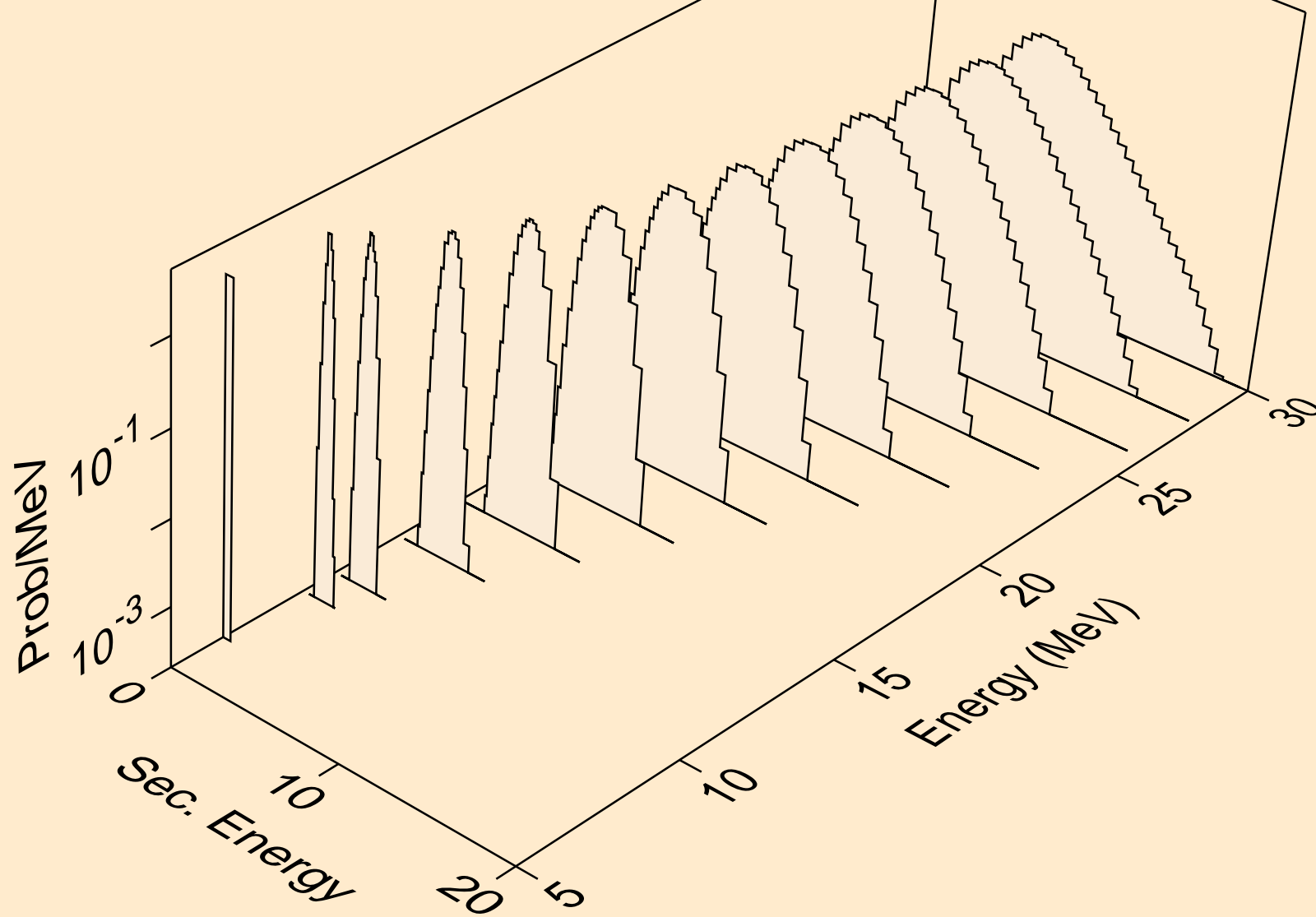
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



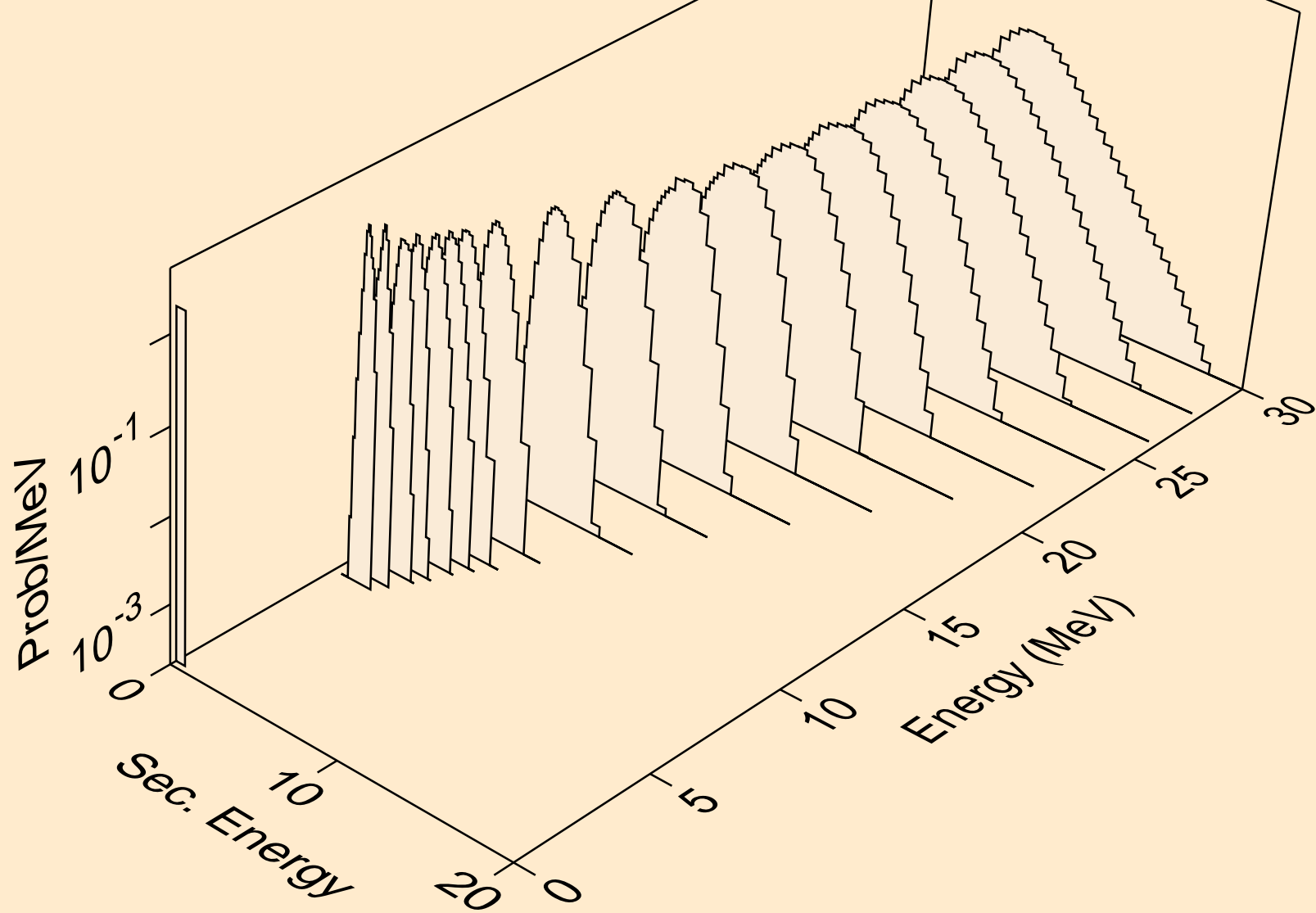
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



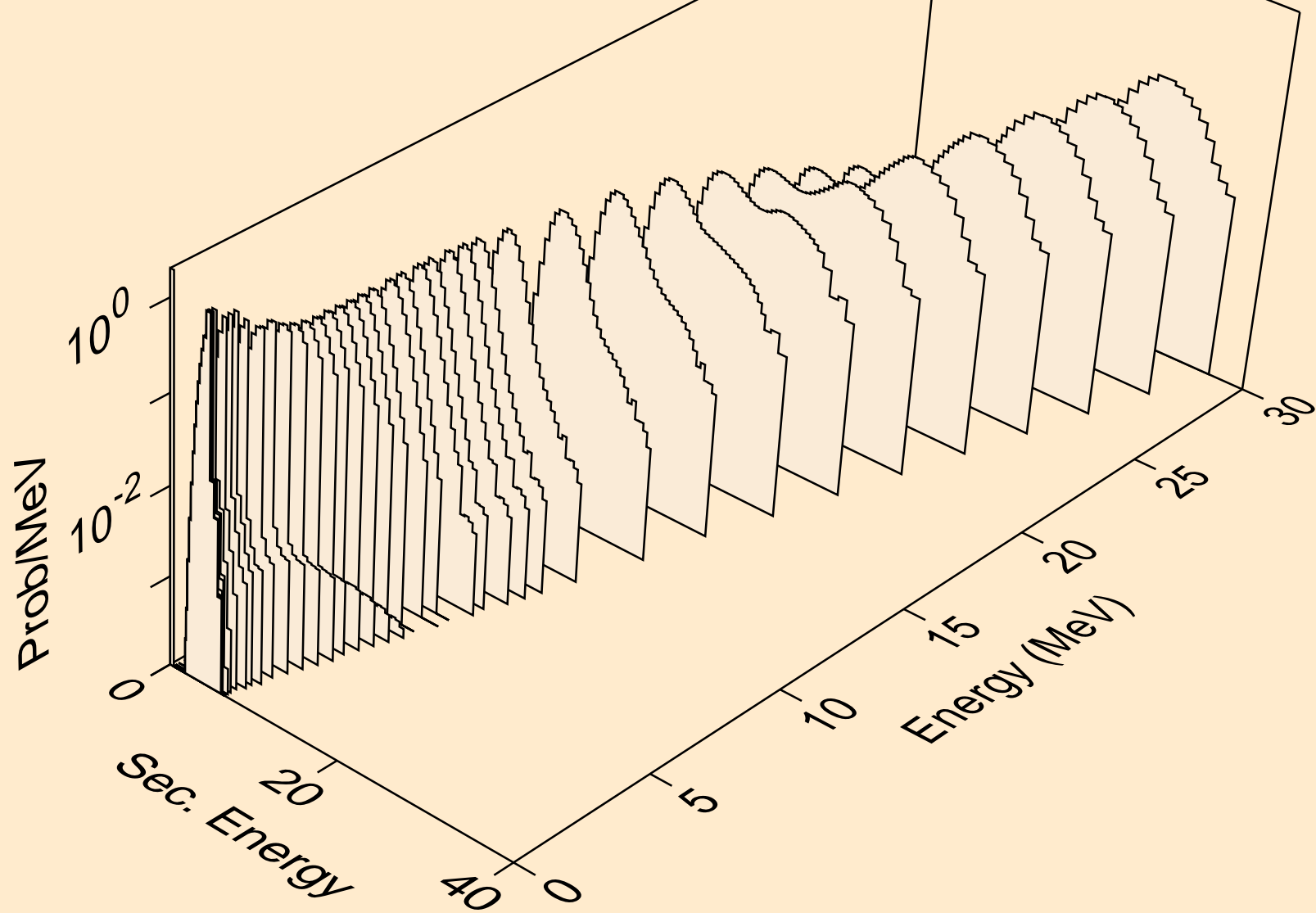
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protons from (n,n2p)



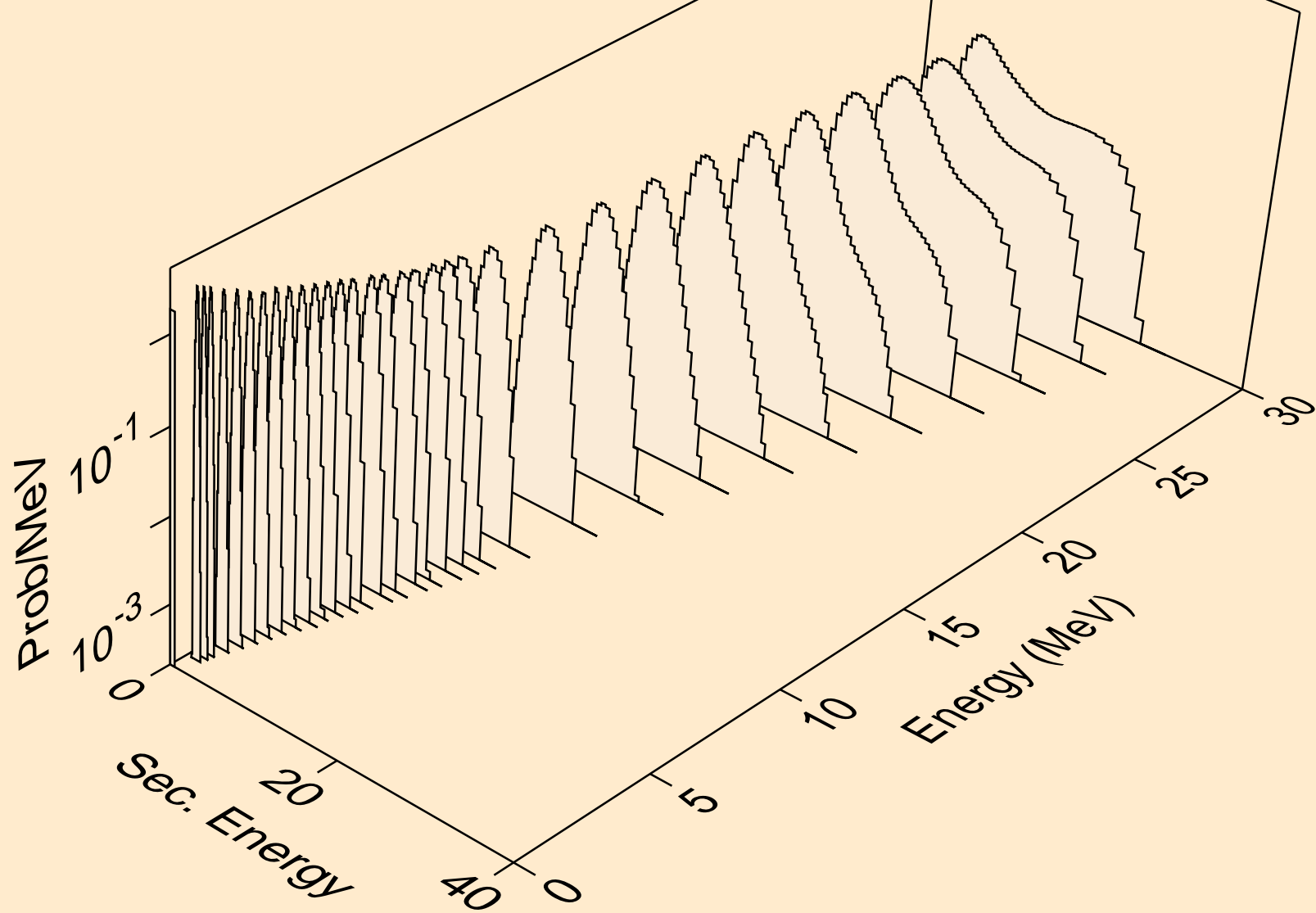
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



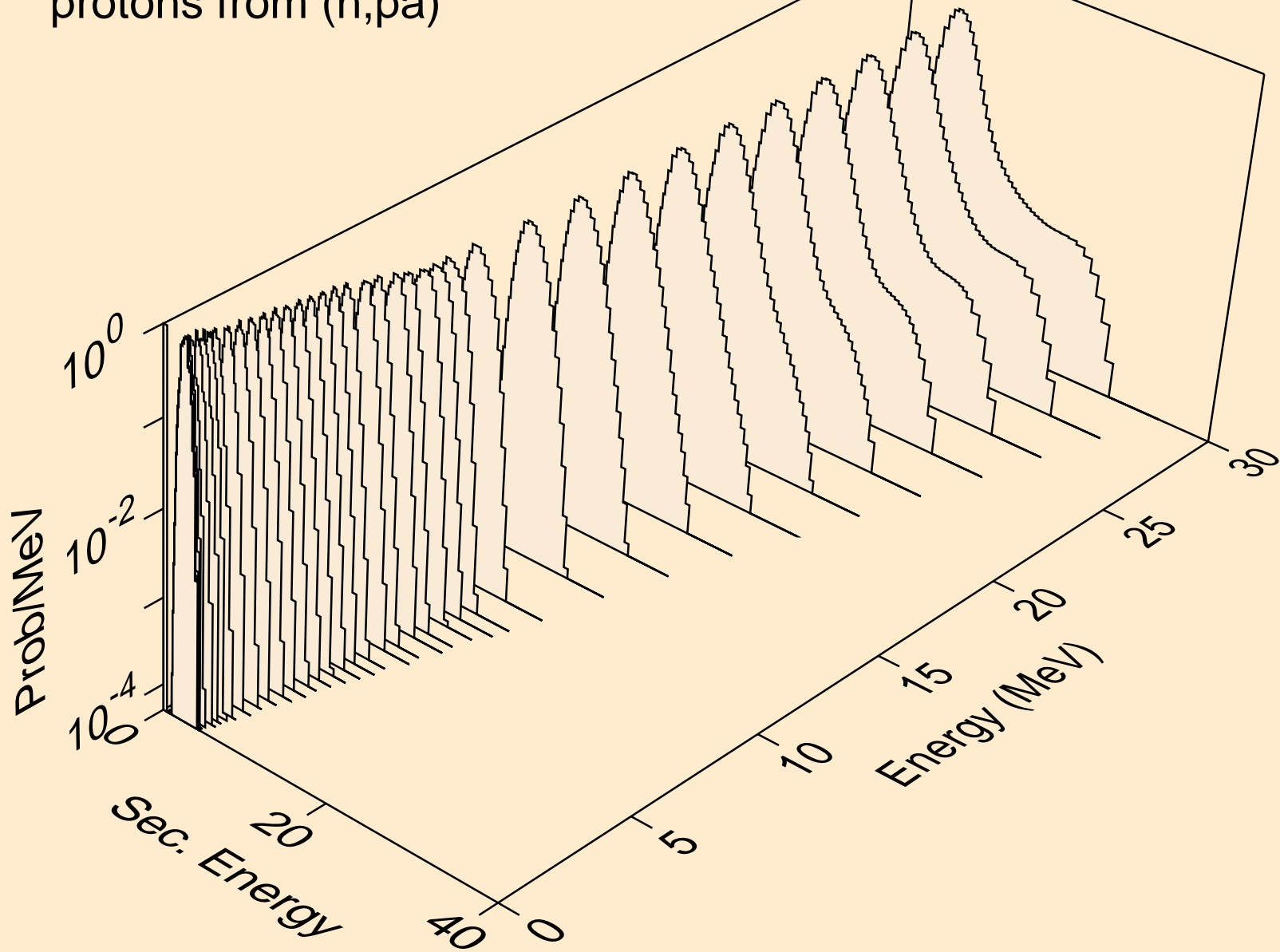
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protons from (n,p)



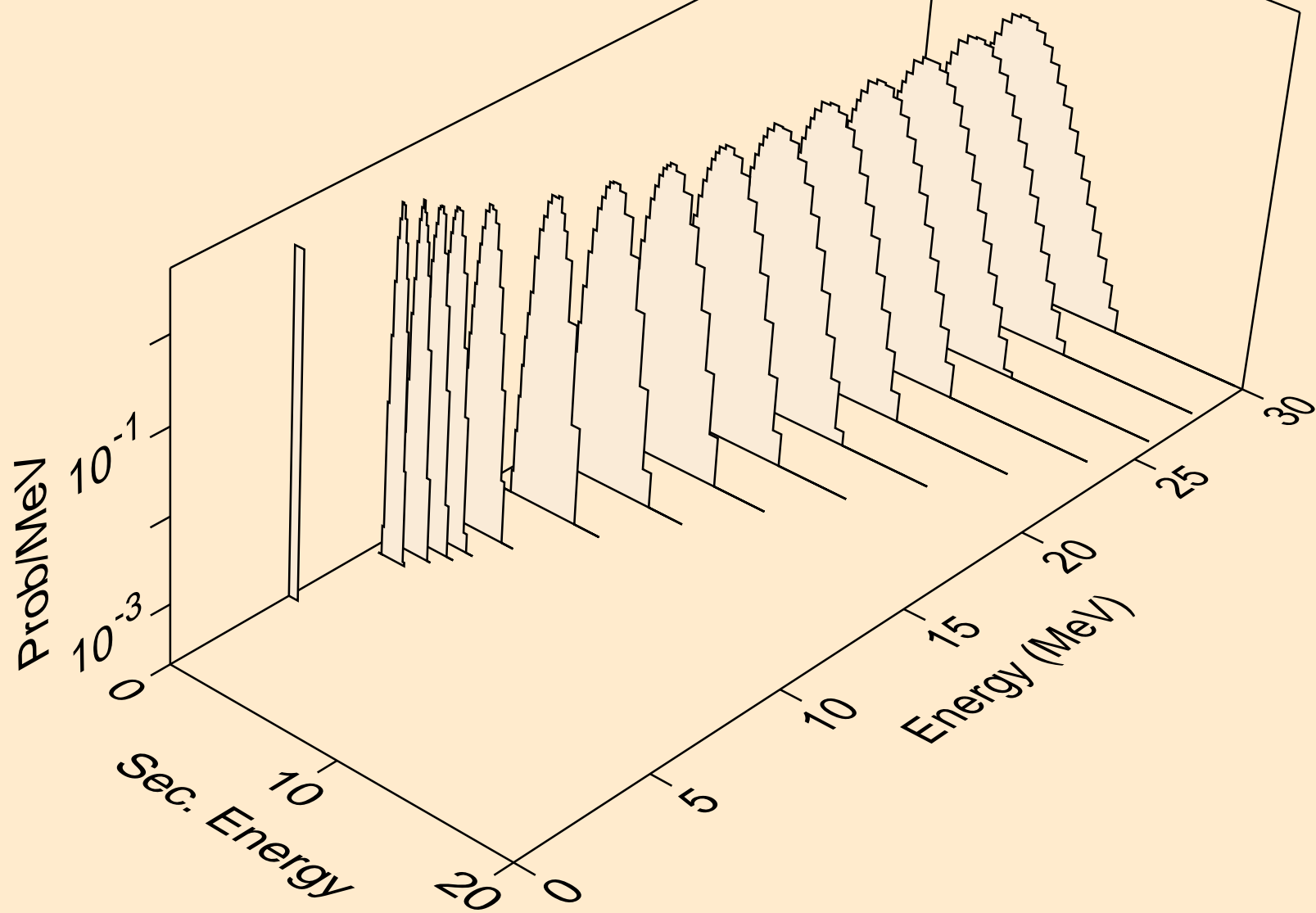
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protons from (n,2p)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

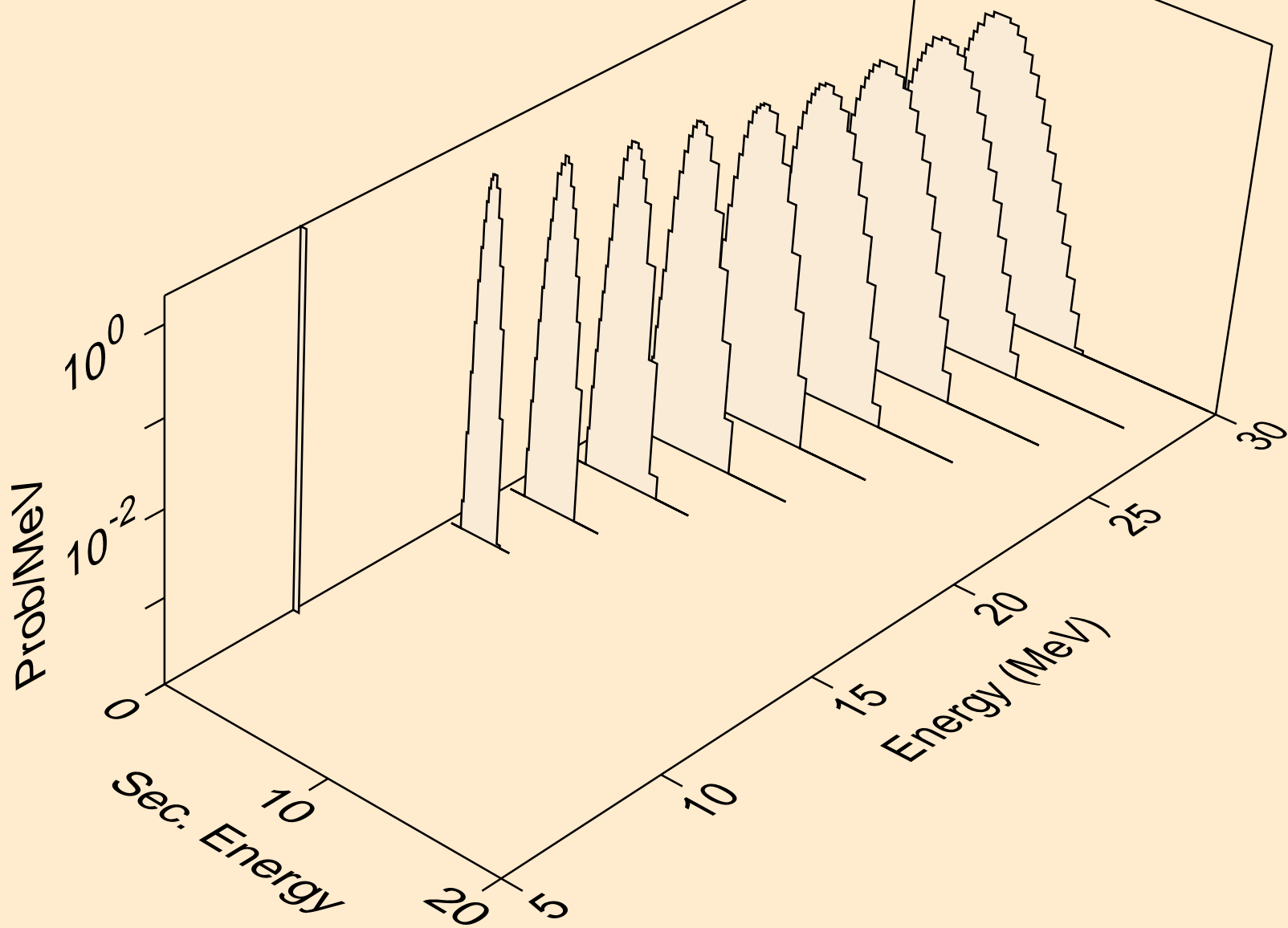


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protons from (n,pd)

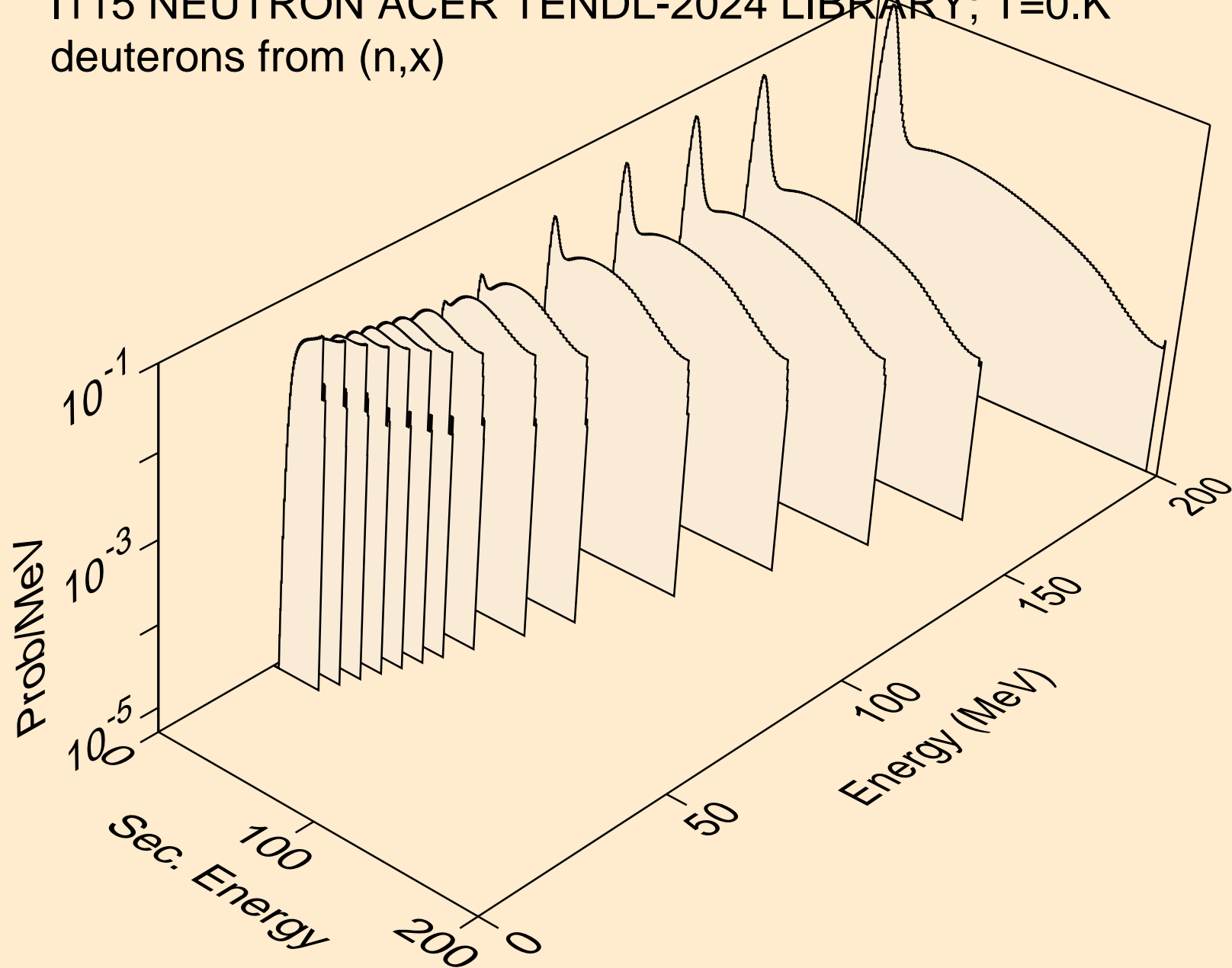




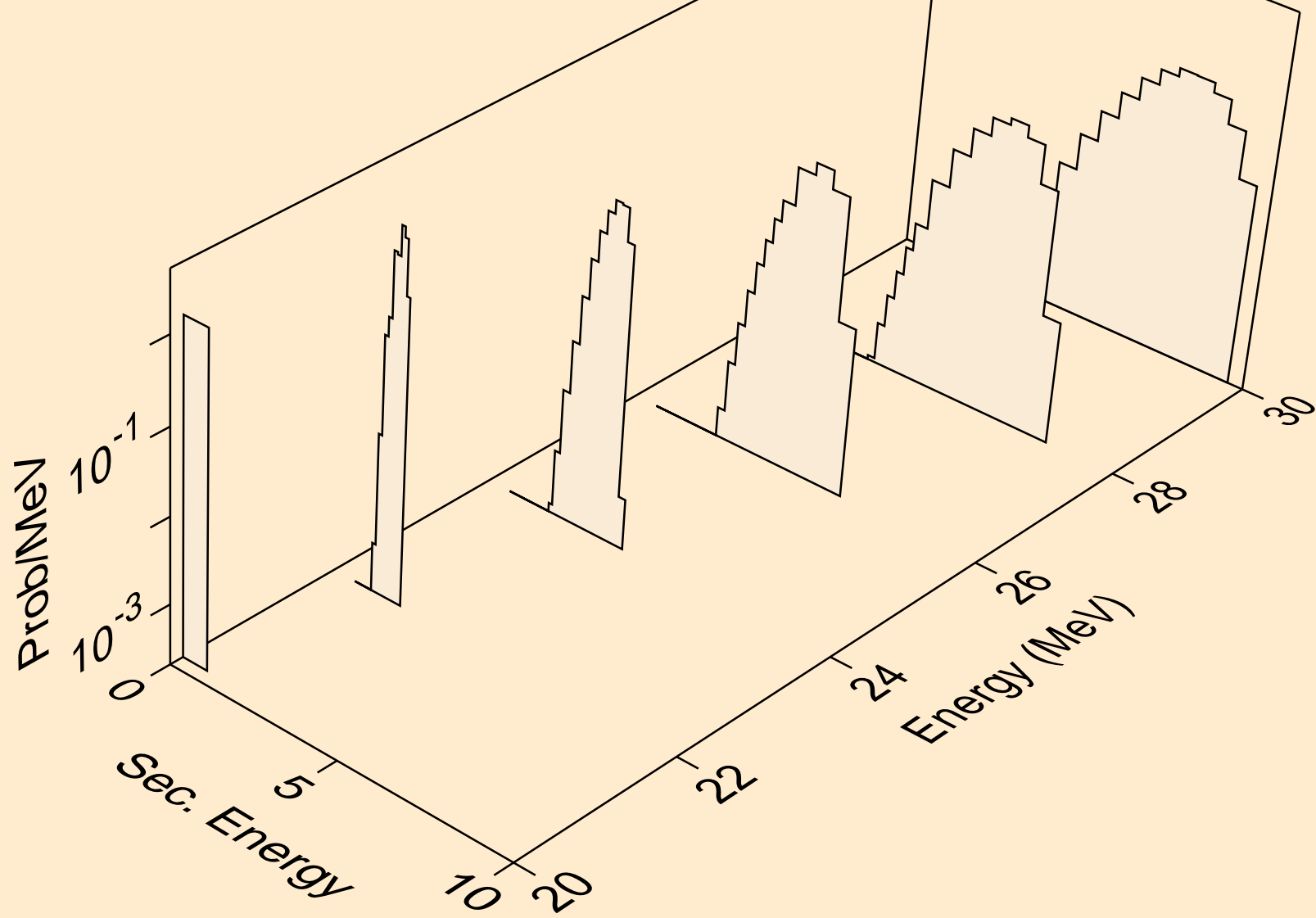
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protons from (n,pt)



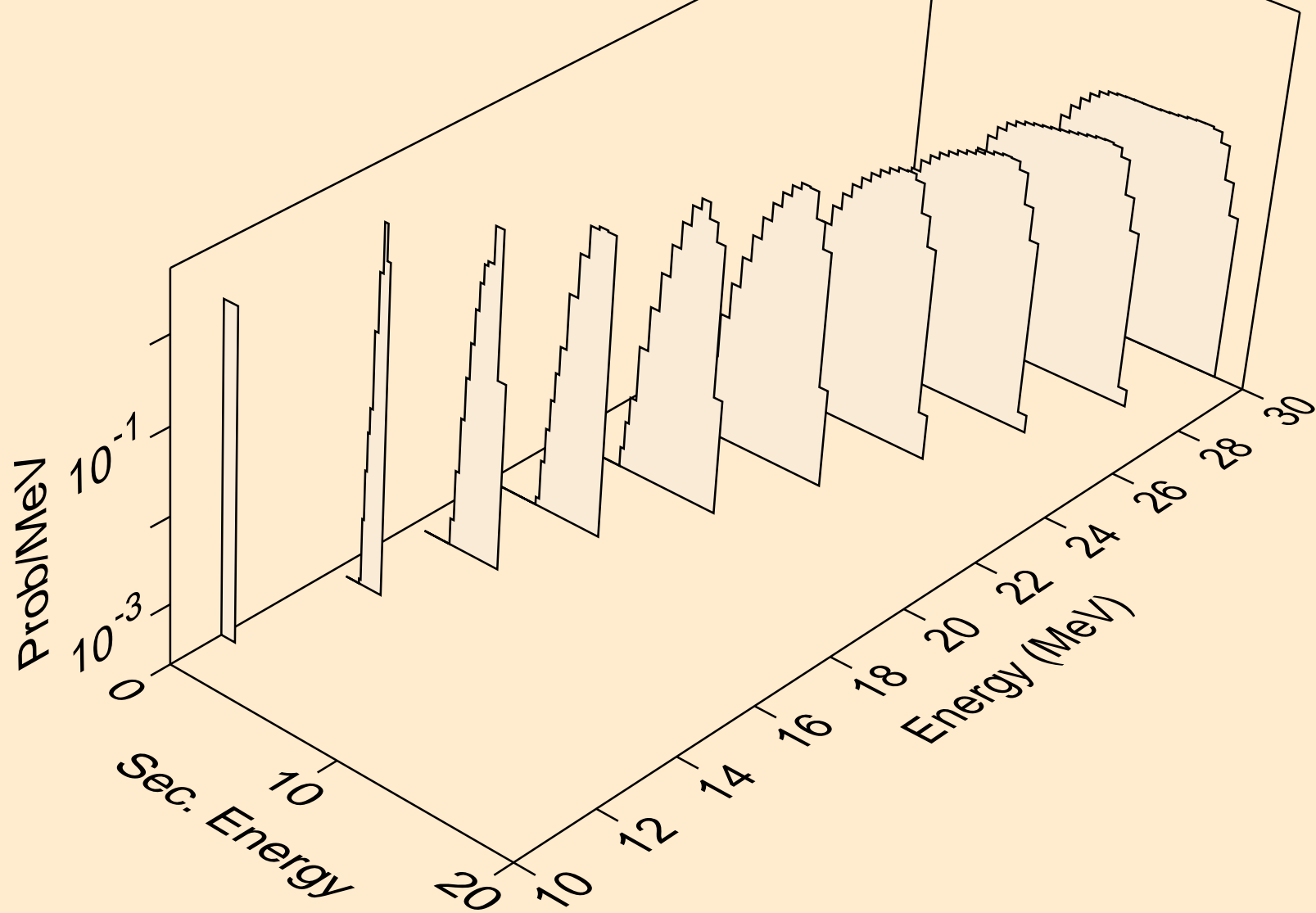
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deuterons from (n,x)



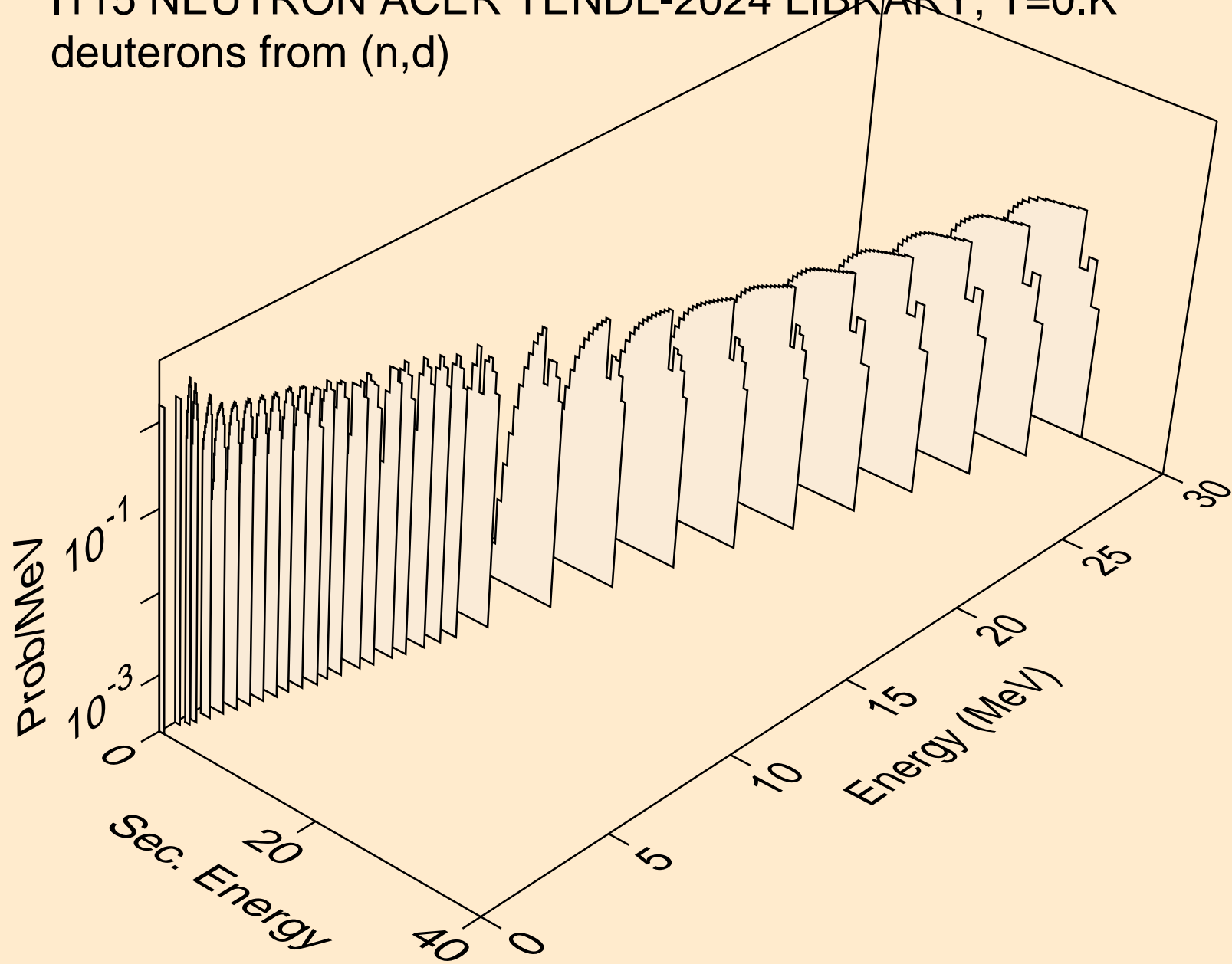
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deuterons from (n,2nd)



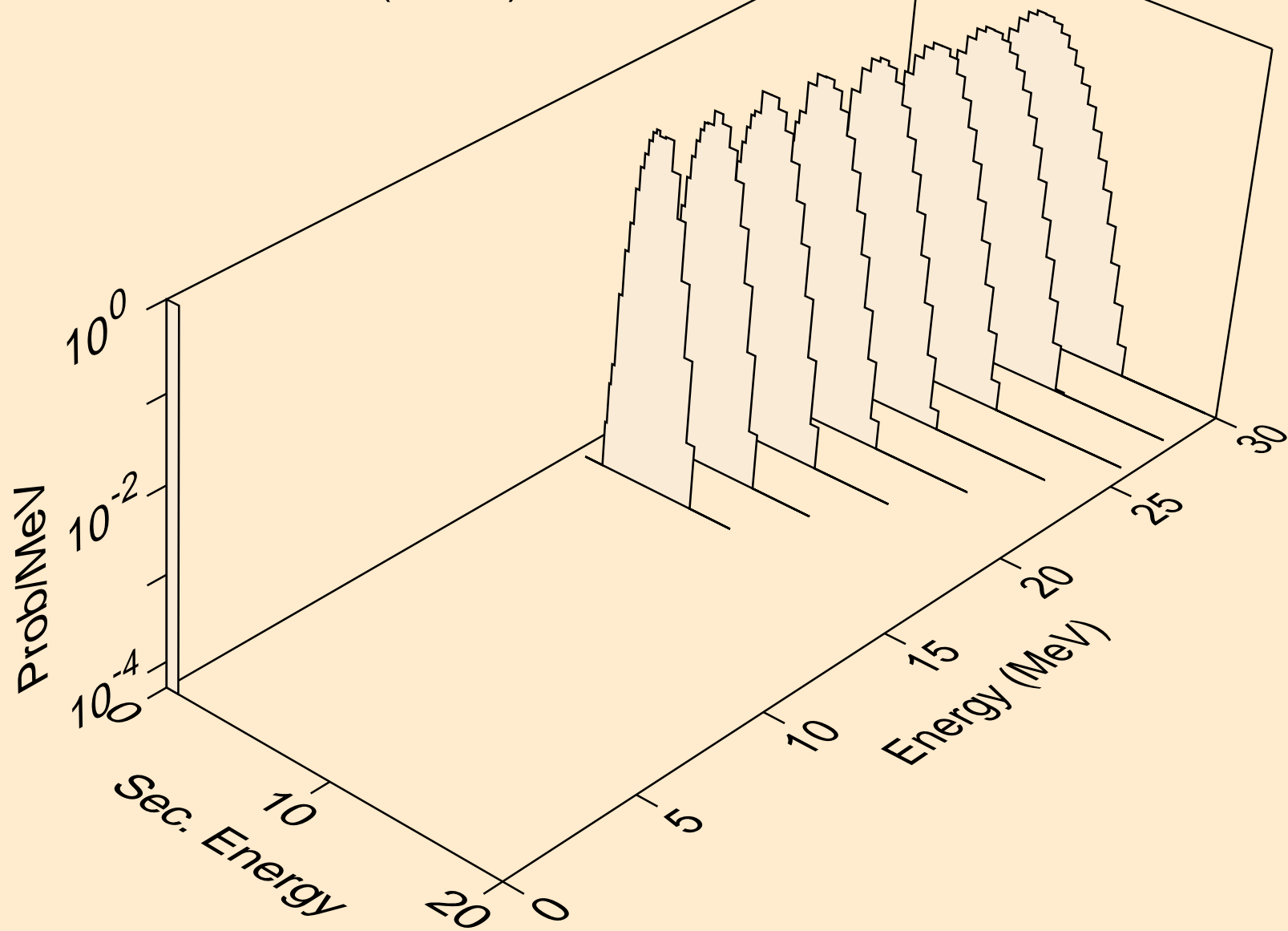
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



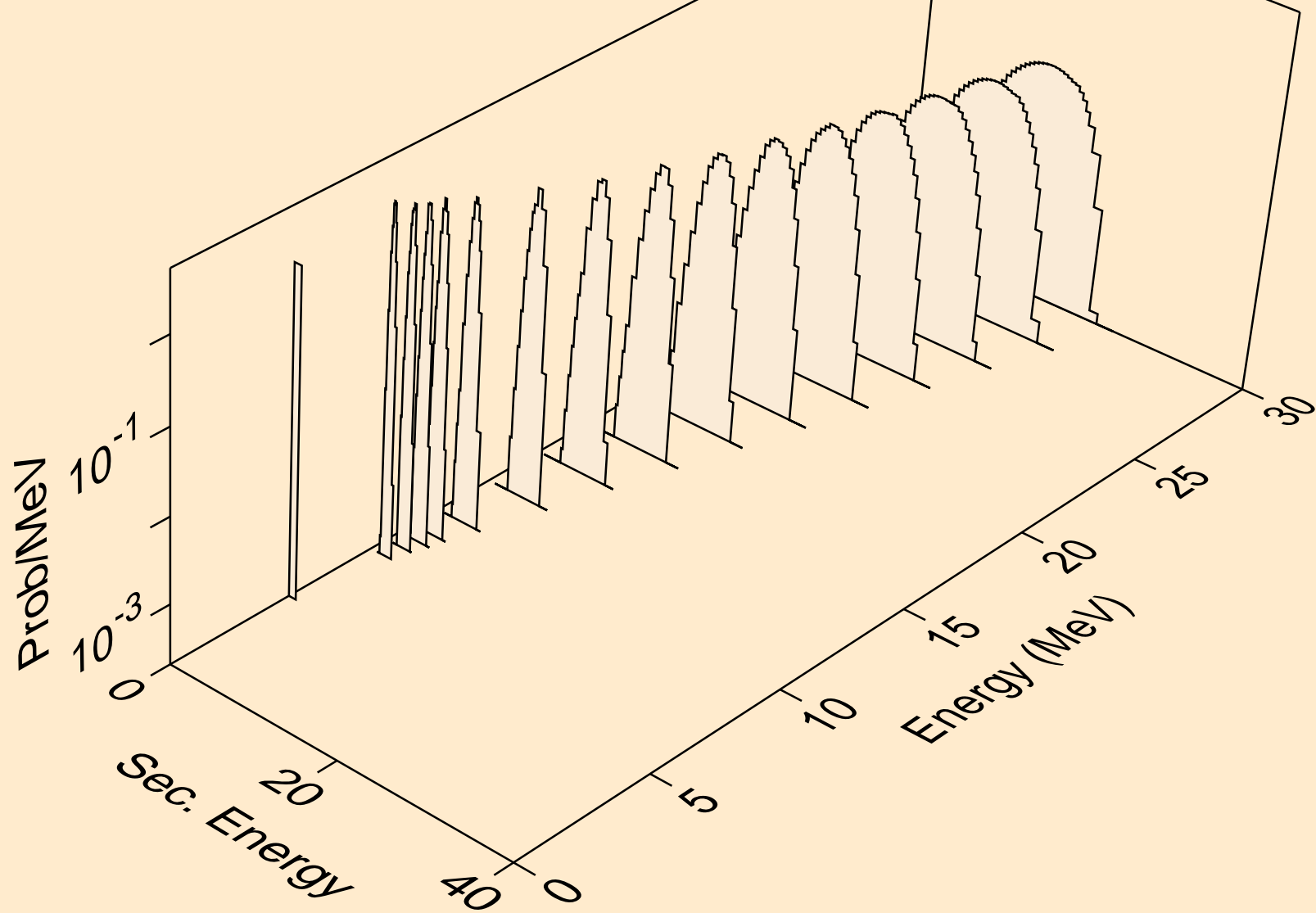
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deuterons from (n,d)



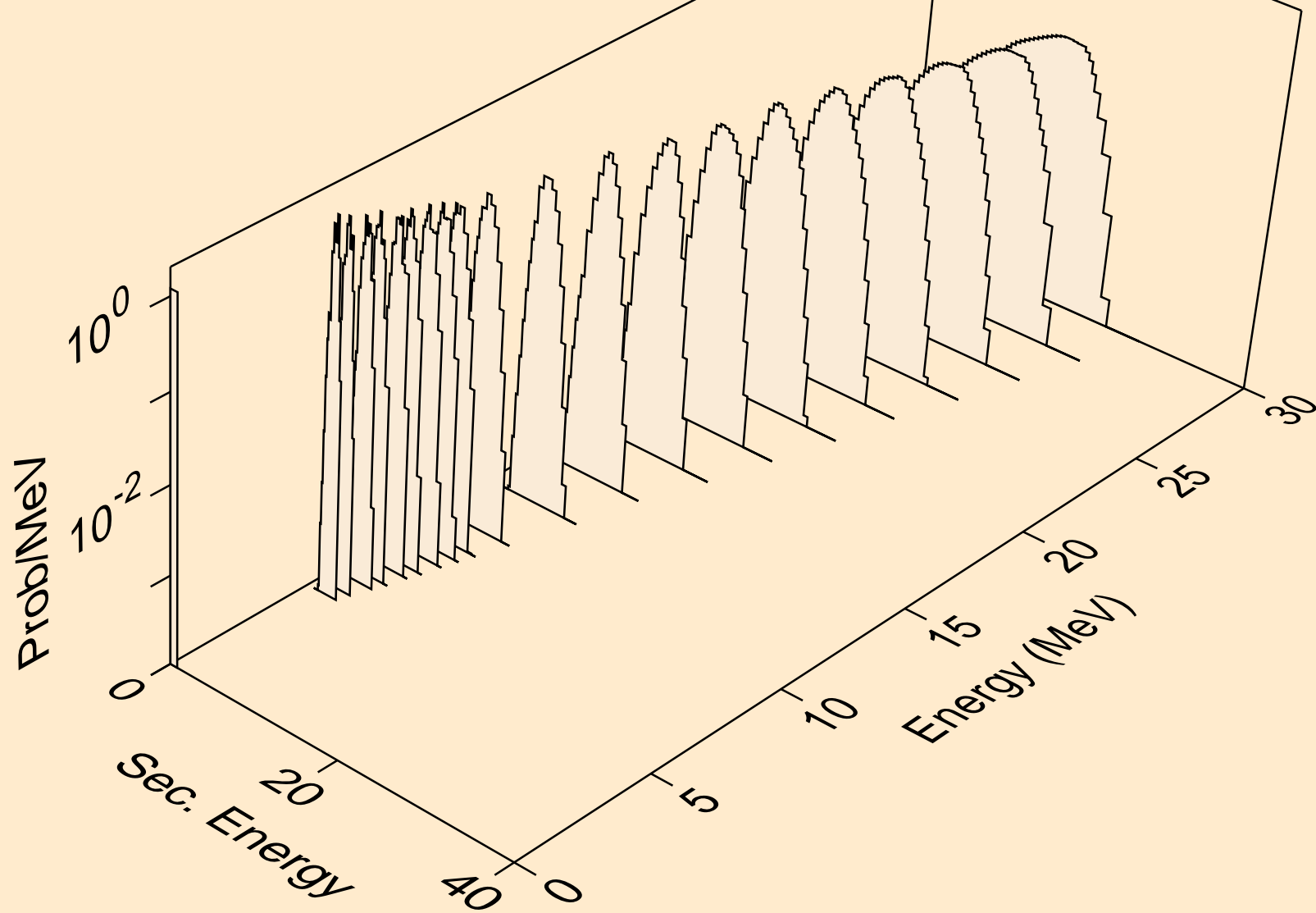
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

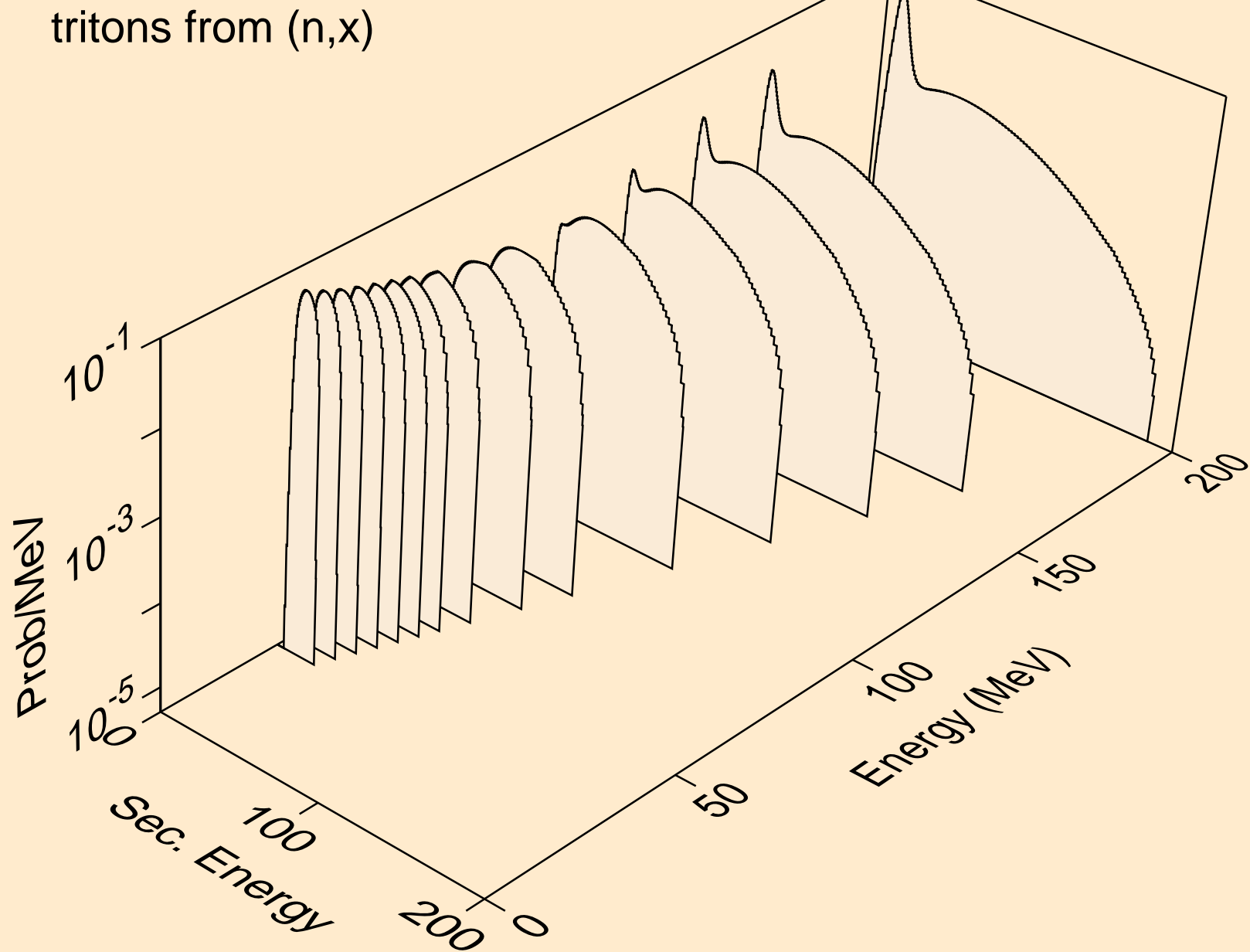


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deuterons from (n,da)

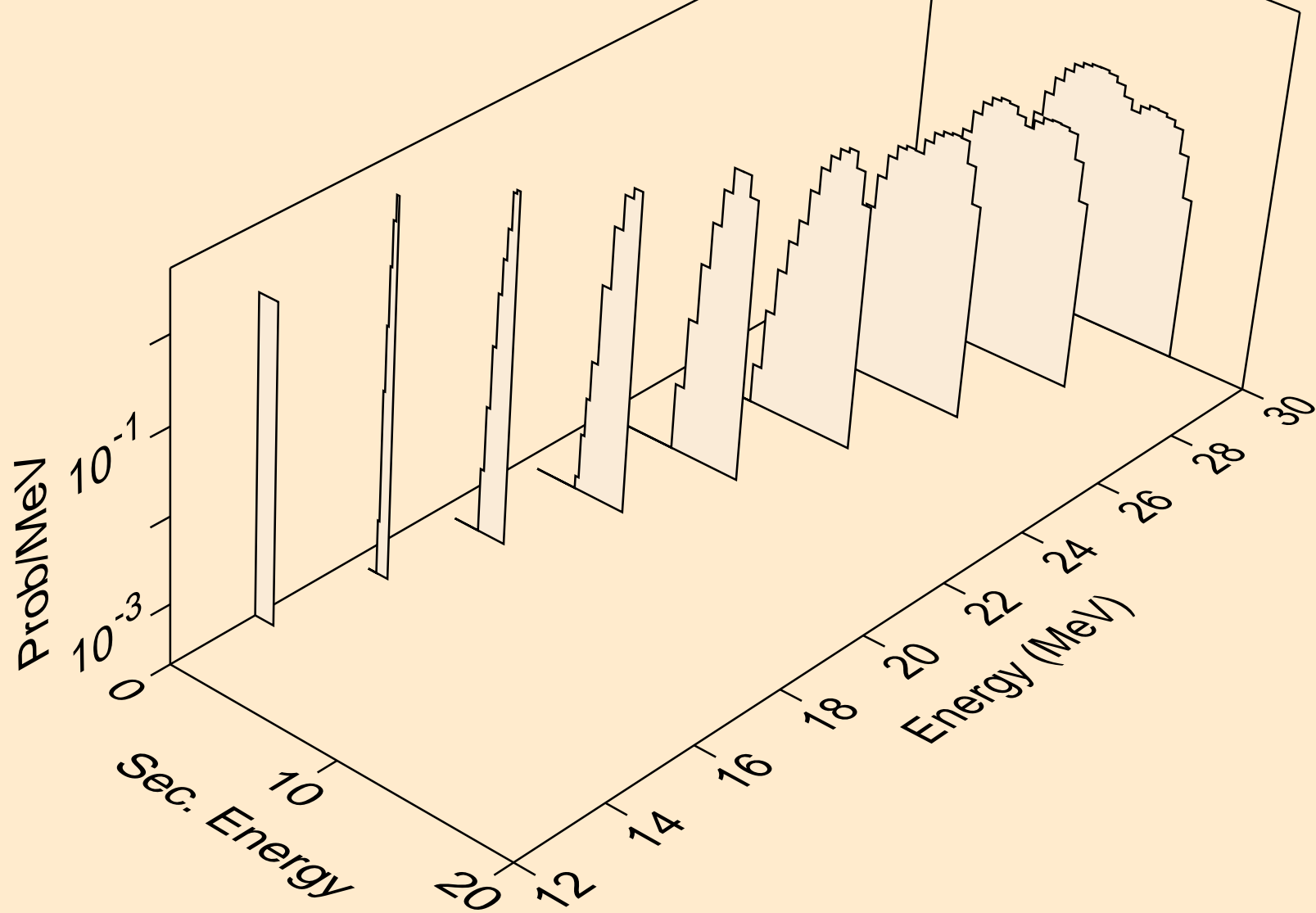




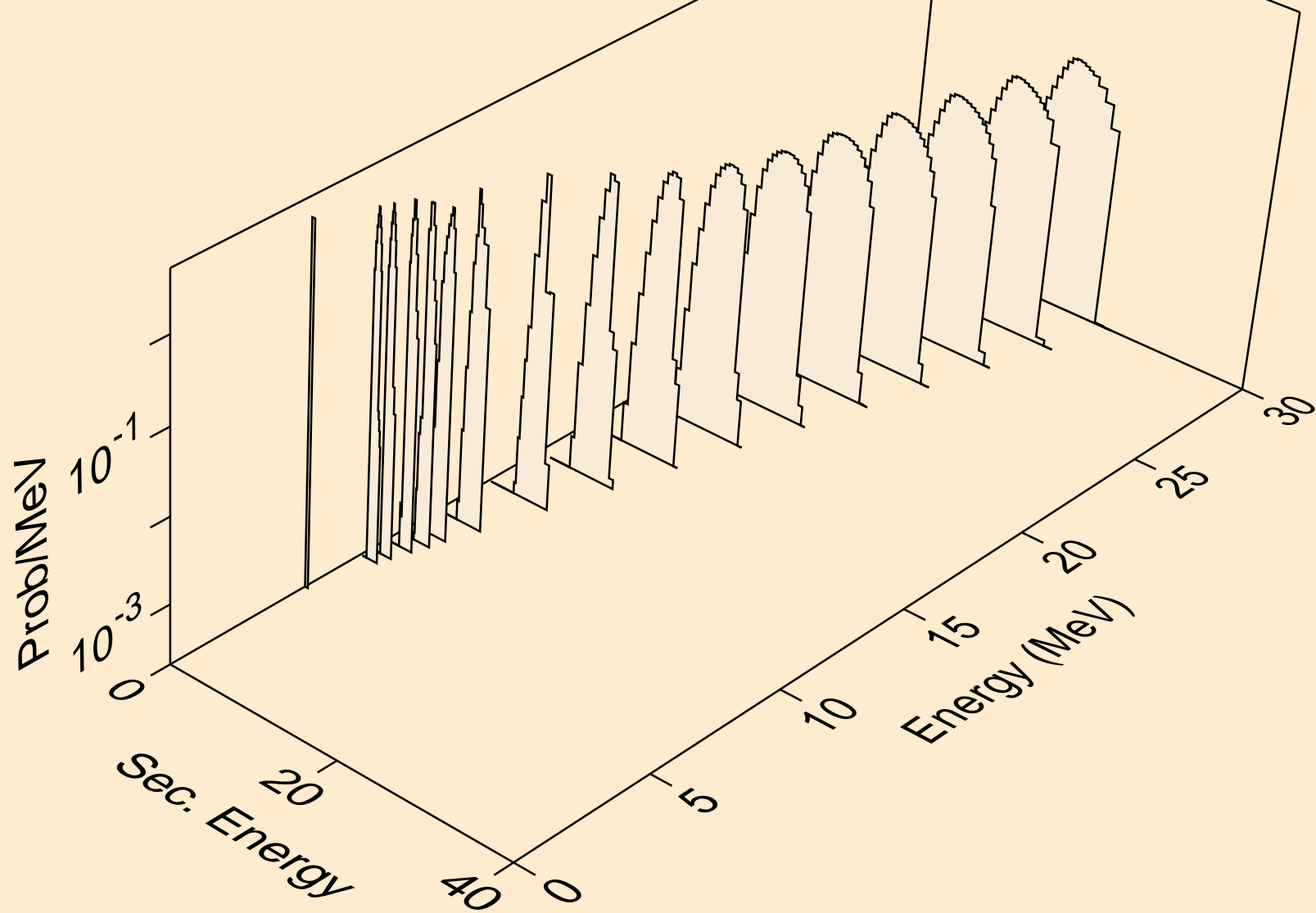
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tritons from (n,x)



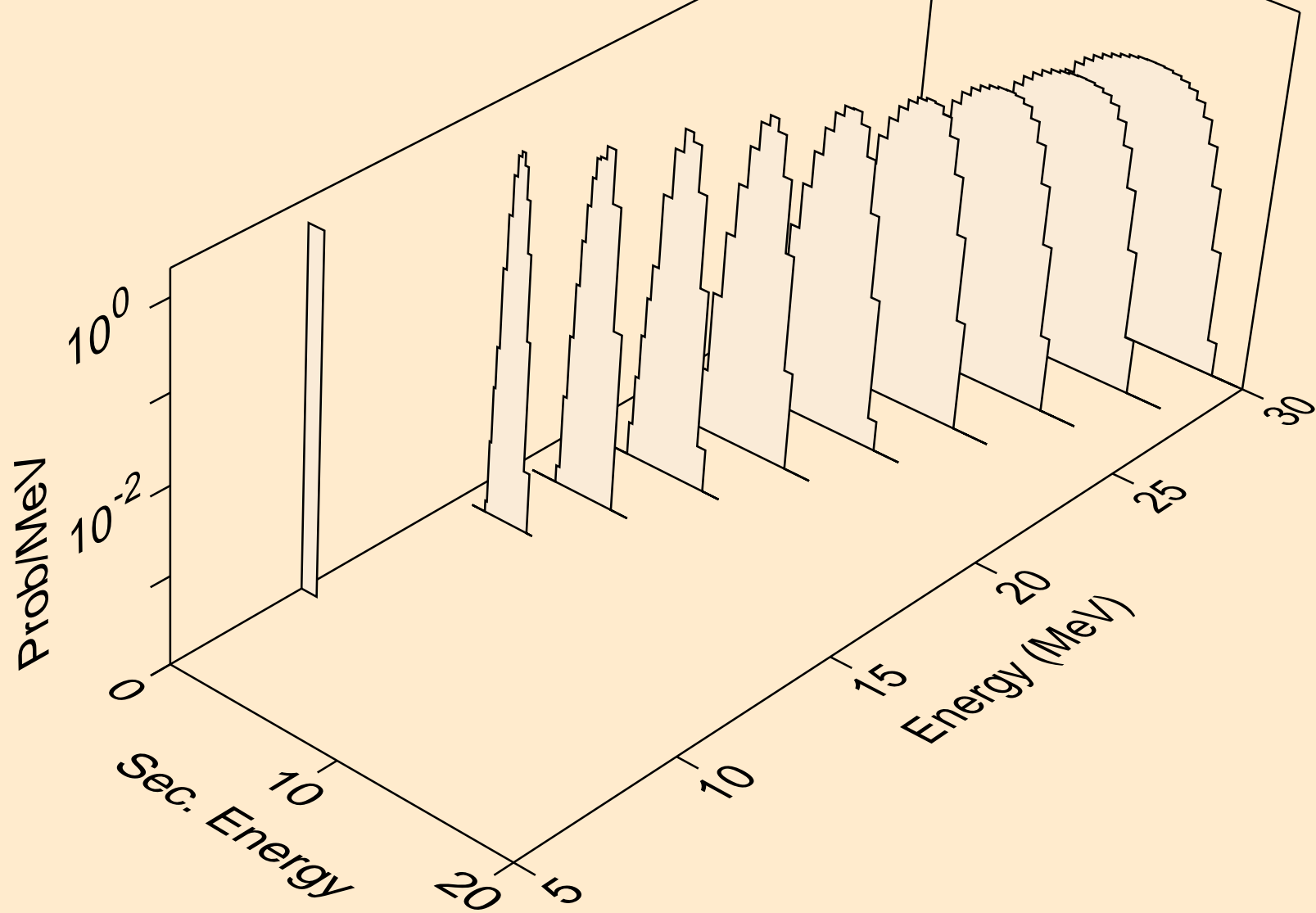
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



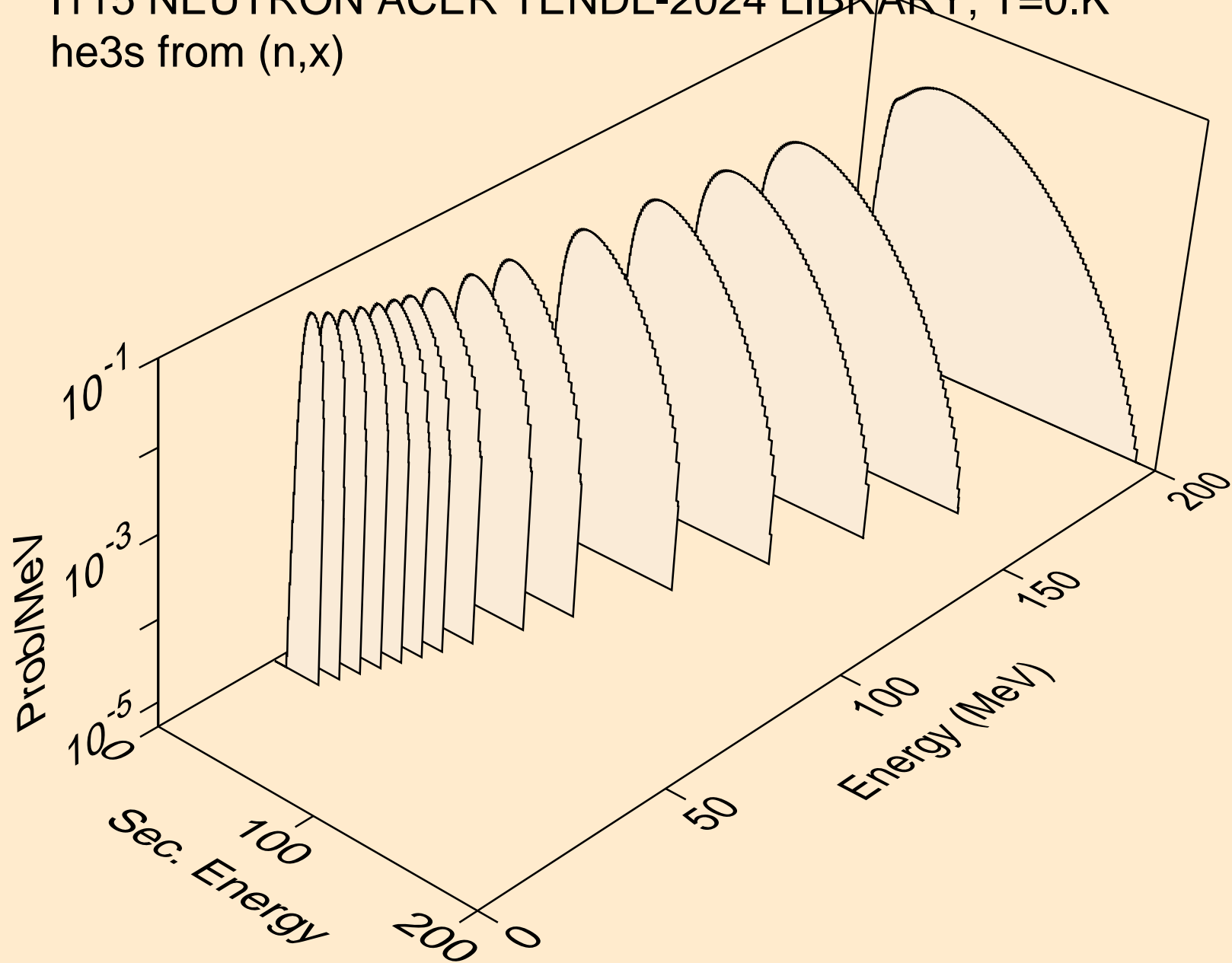
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tritons from (n,t)



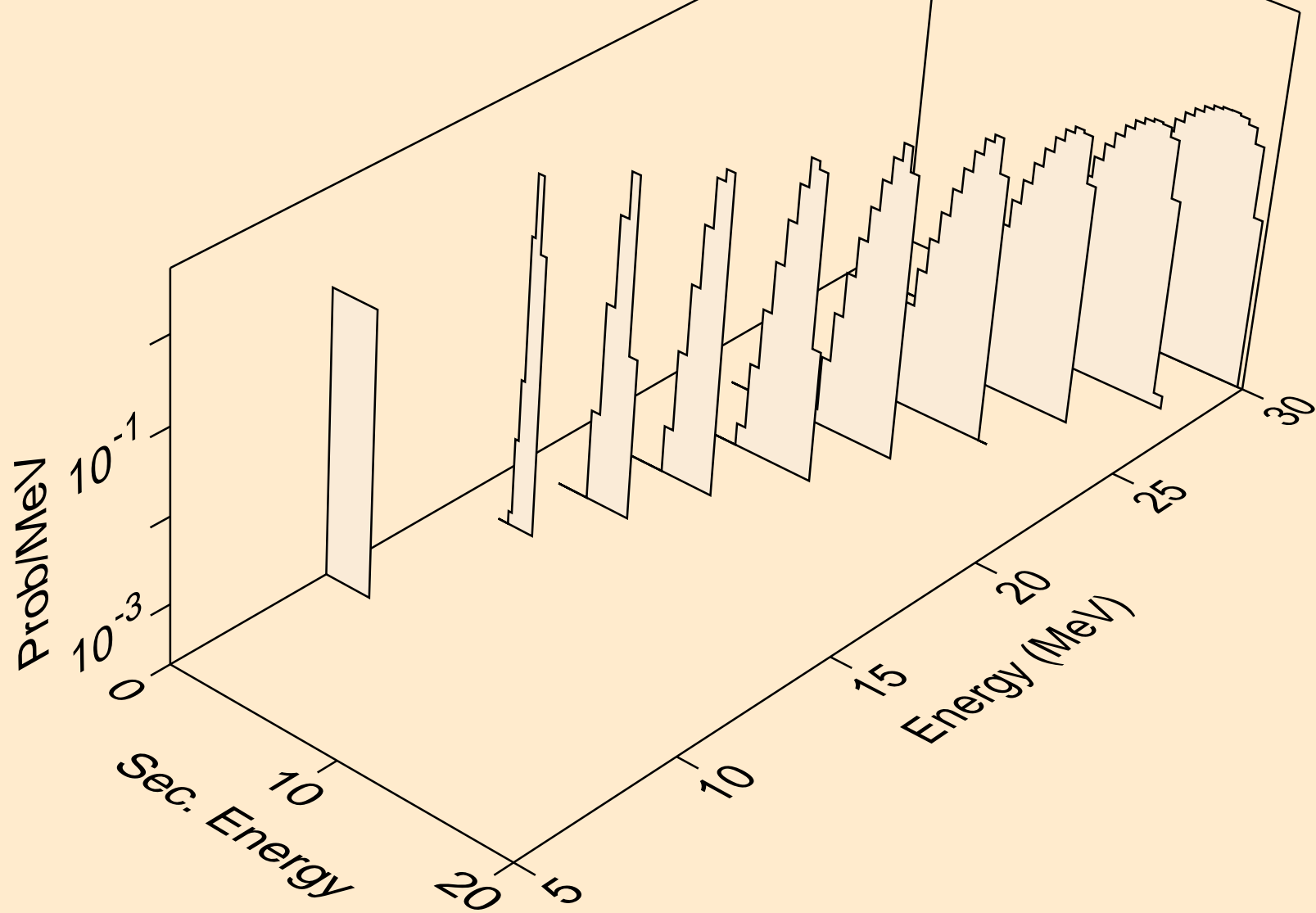
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tritons from (n,pt)



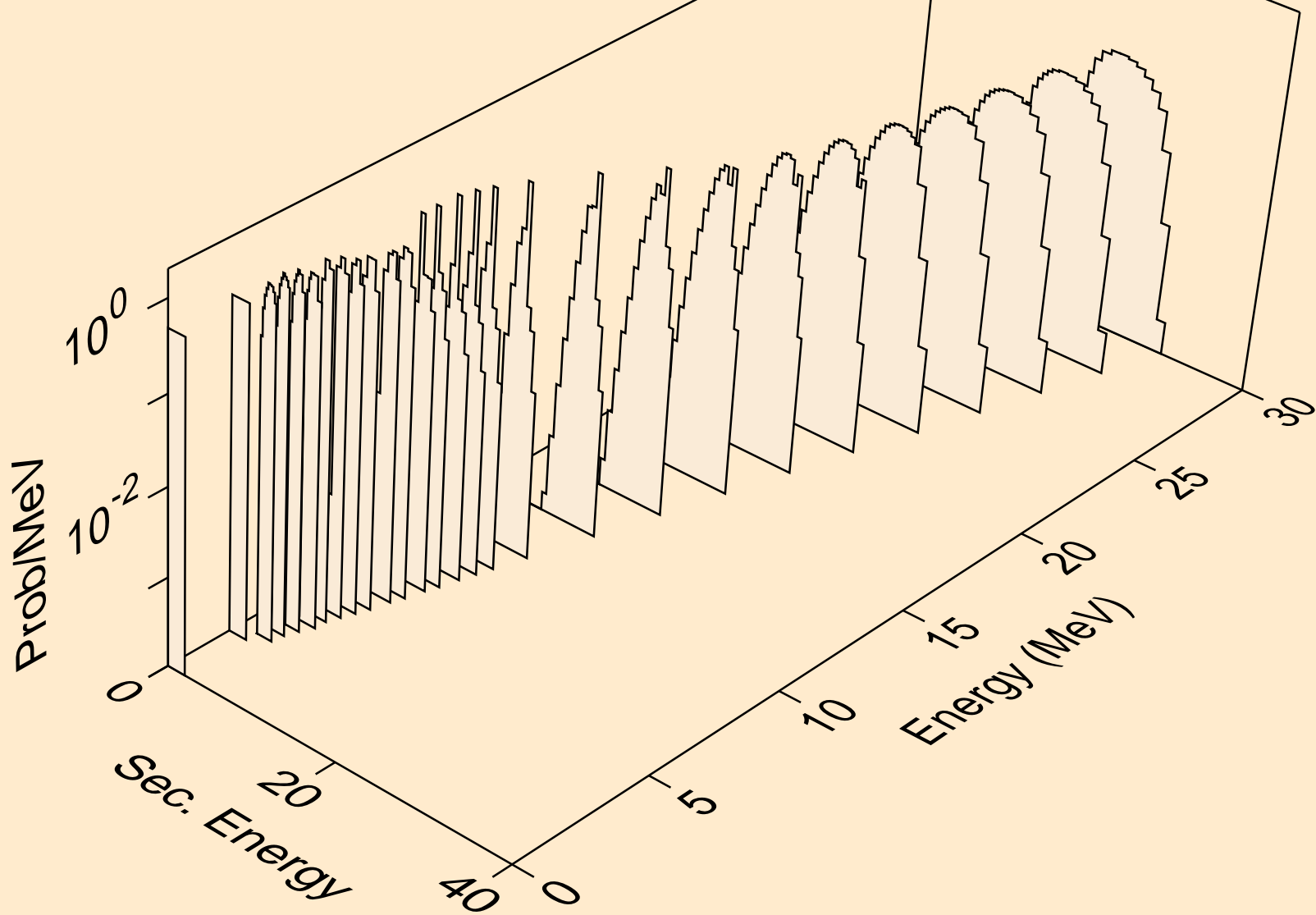
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he3s from (n,x)



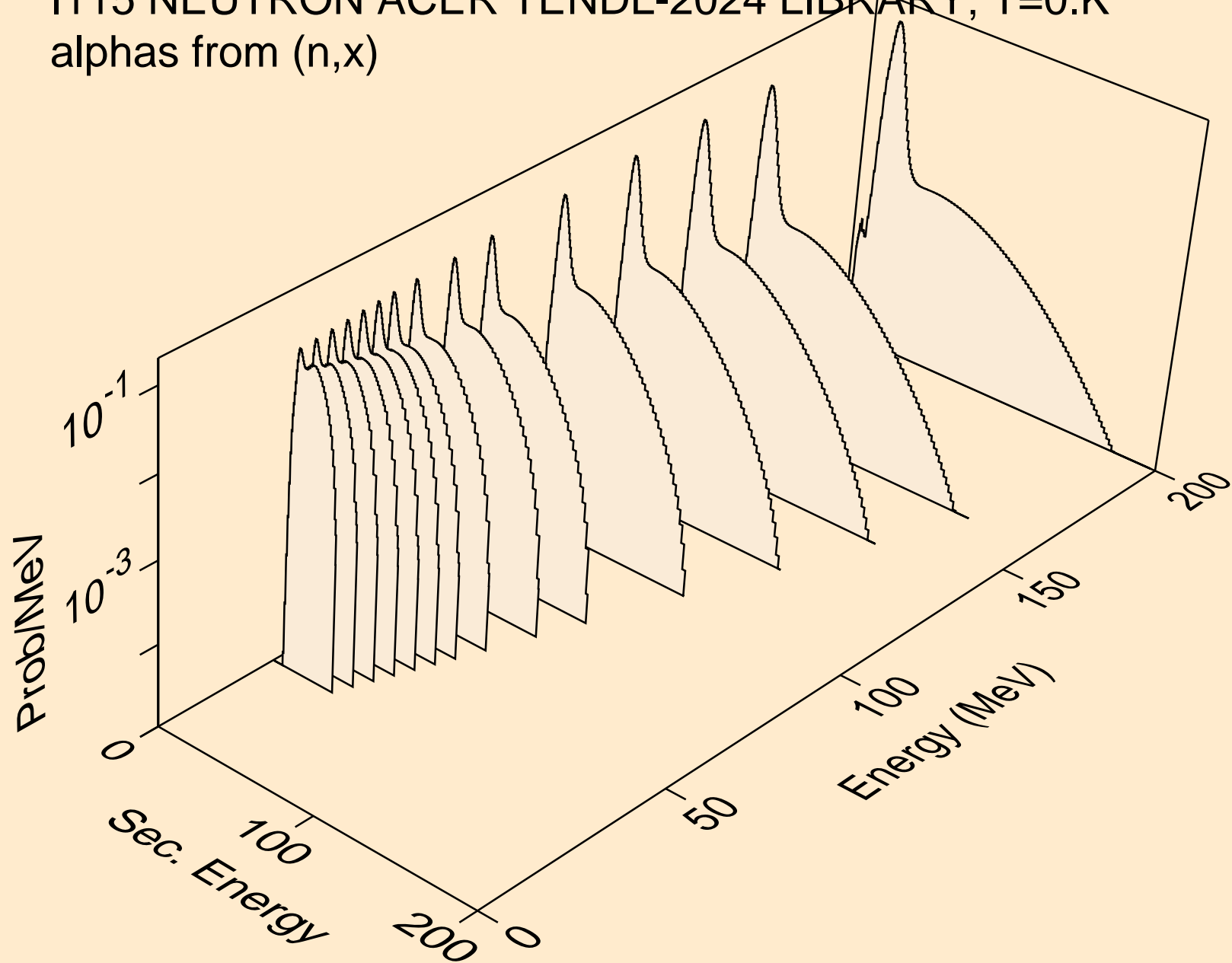
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

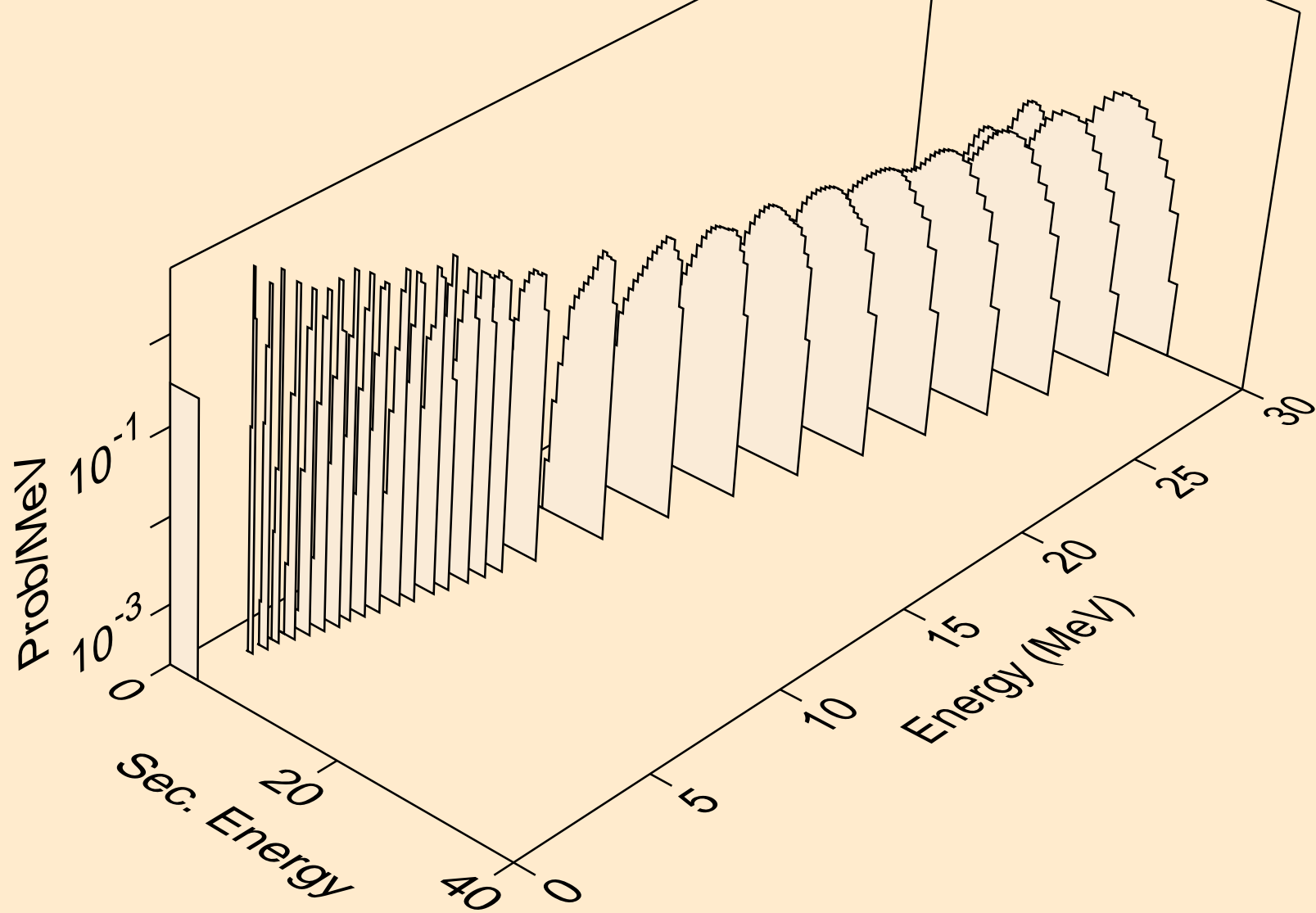


I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

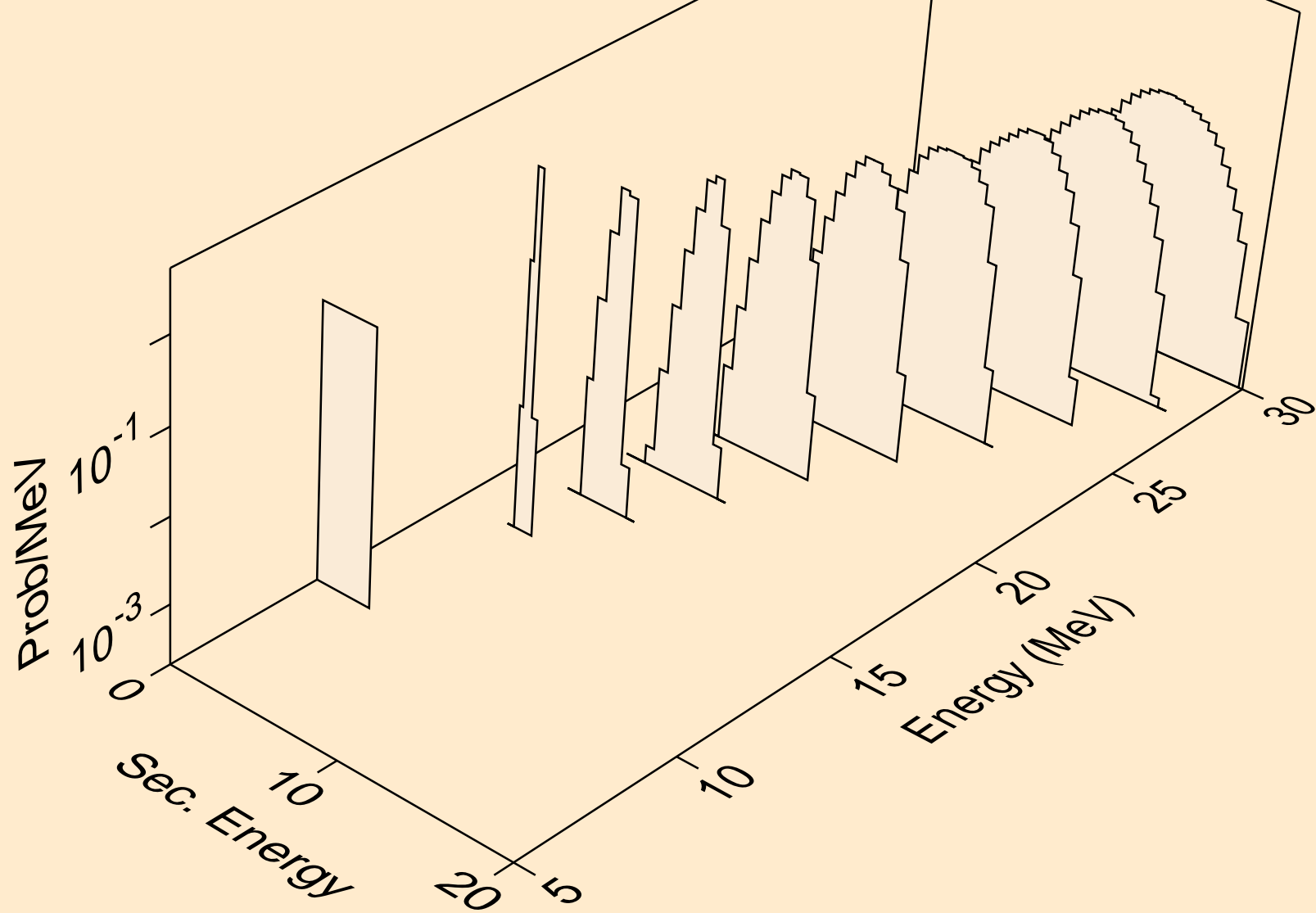




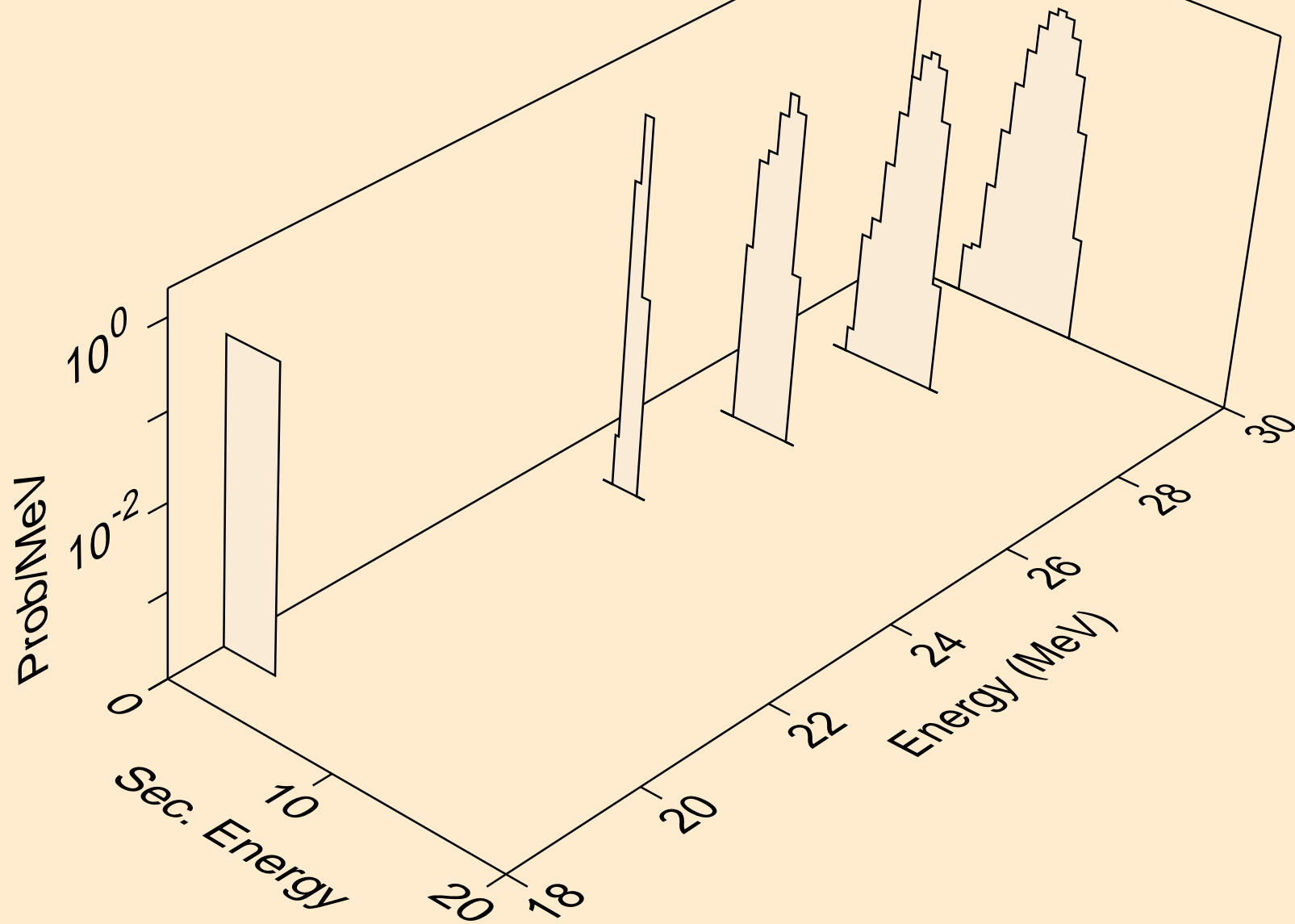
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



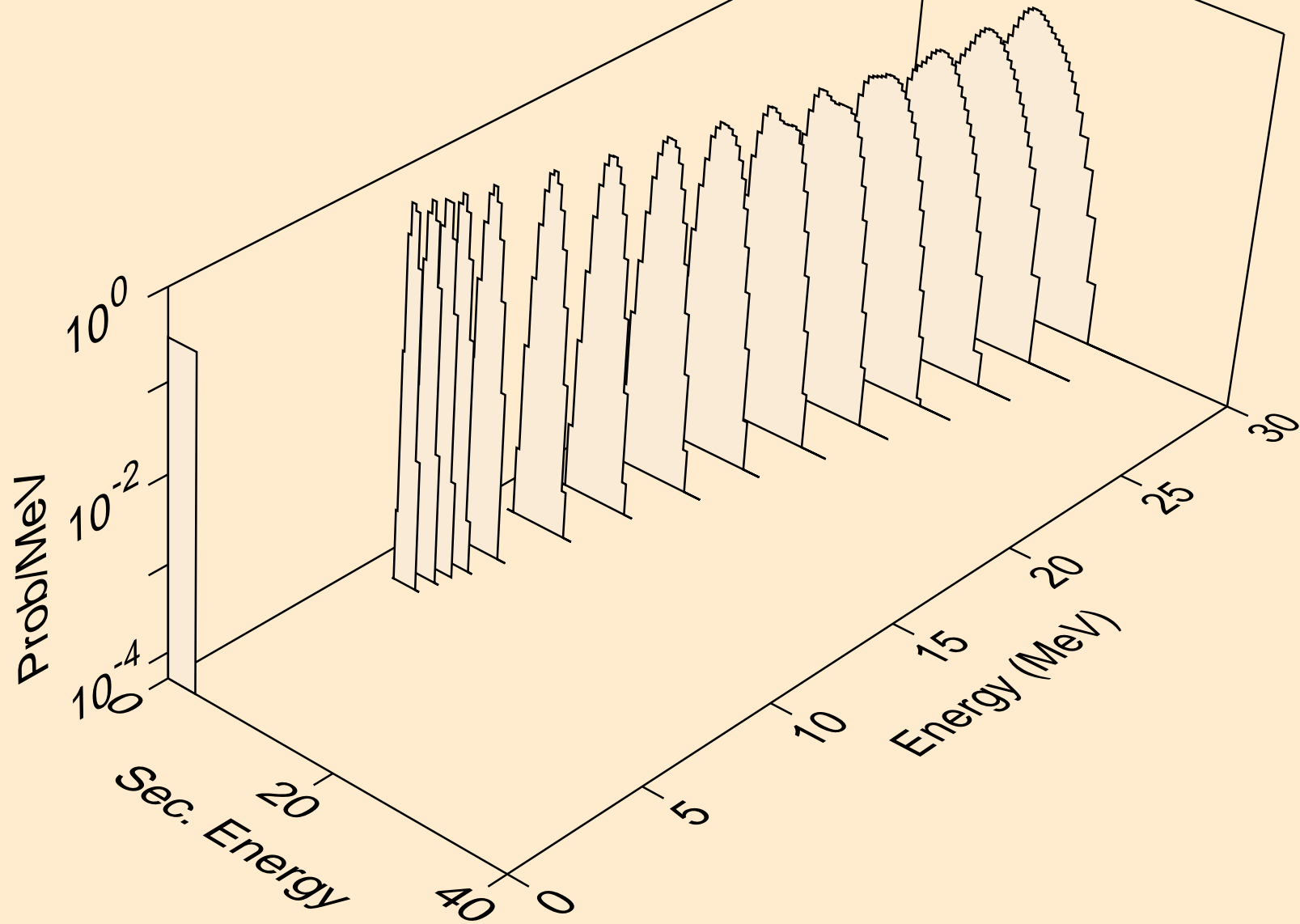
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



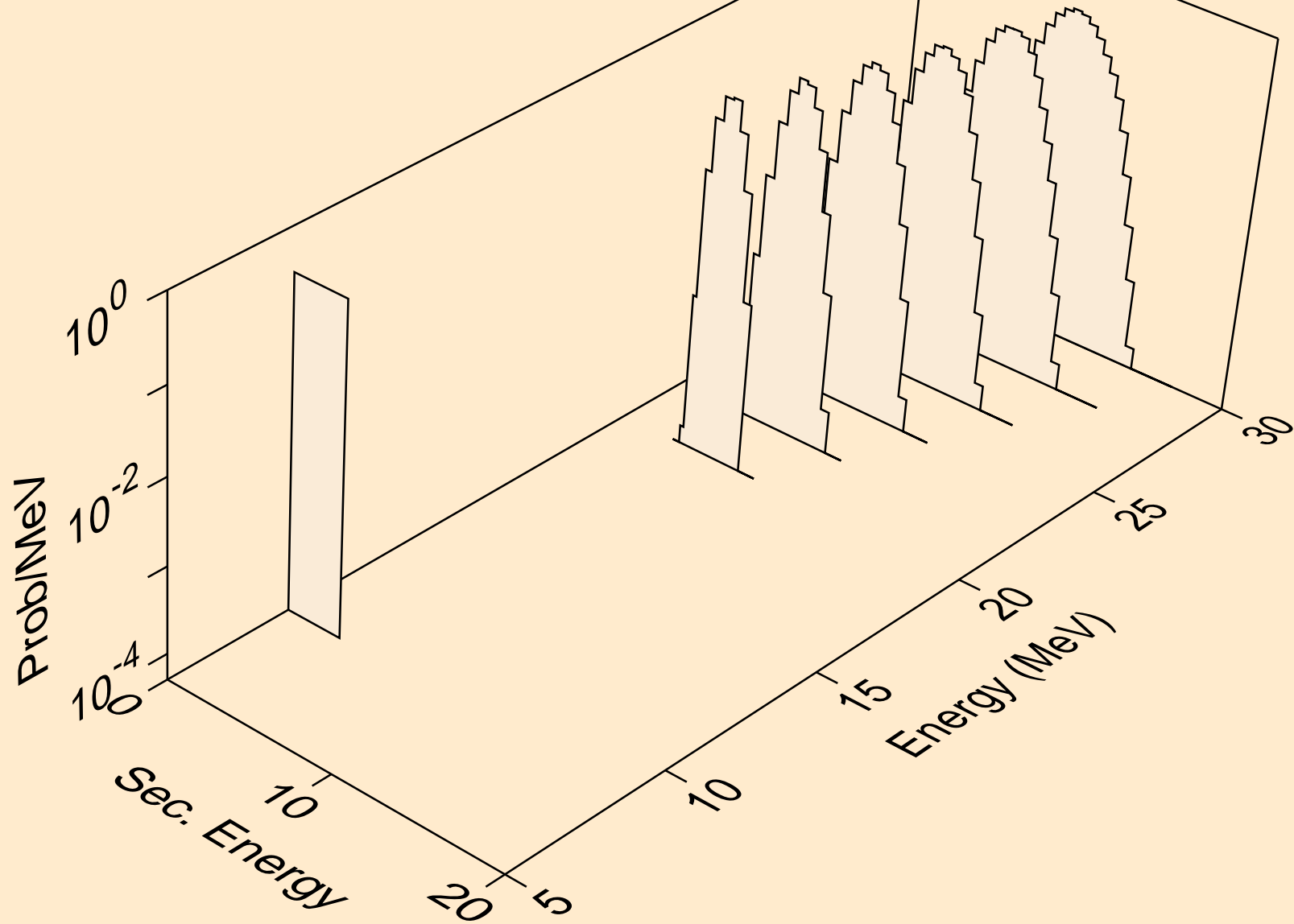
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



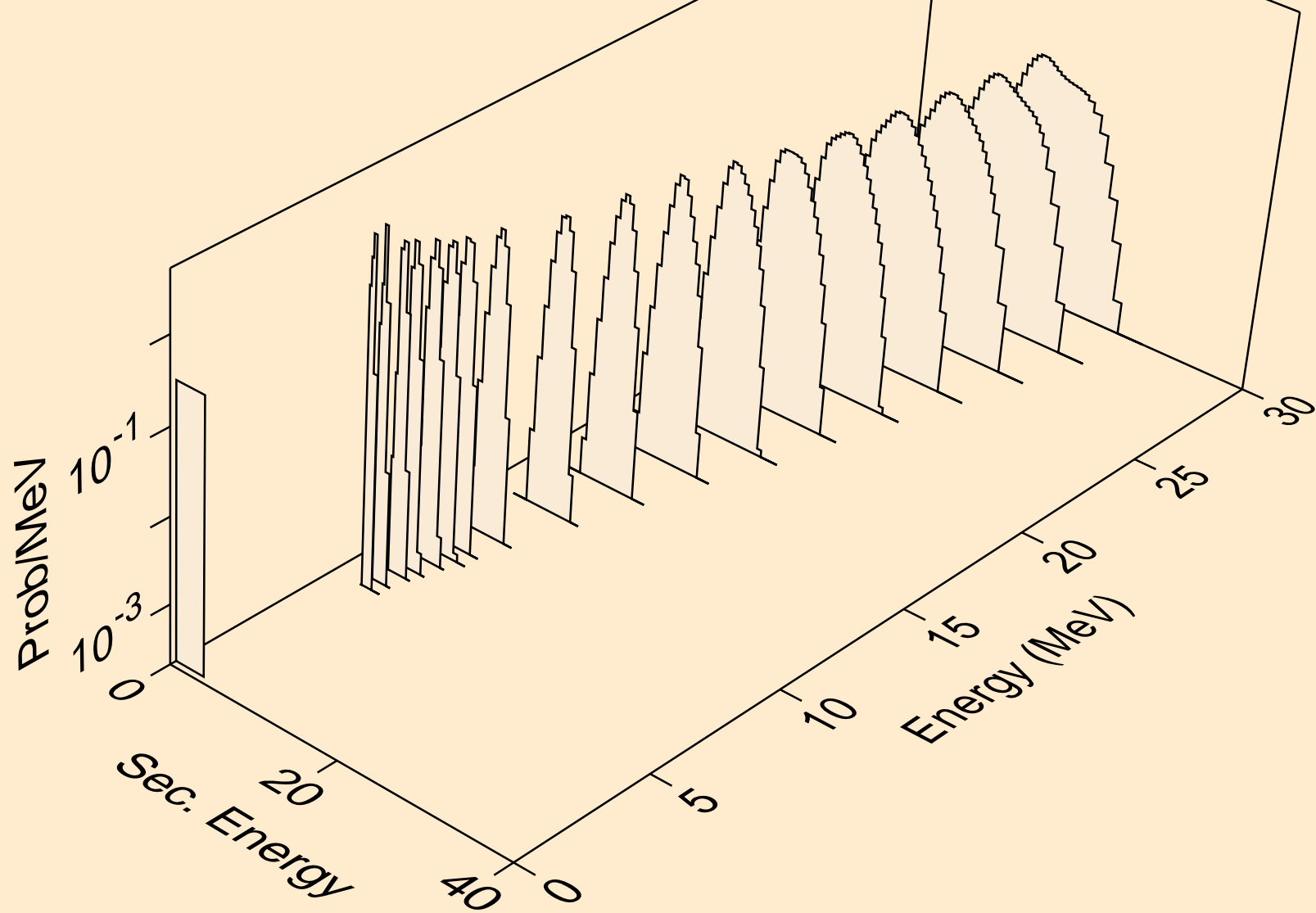
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alphas from (n,n\*)2a



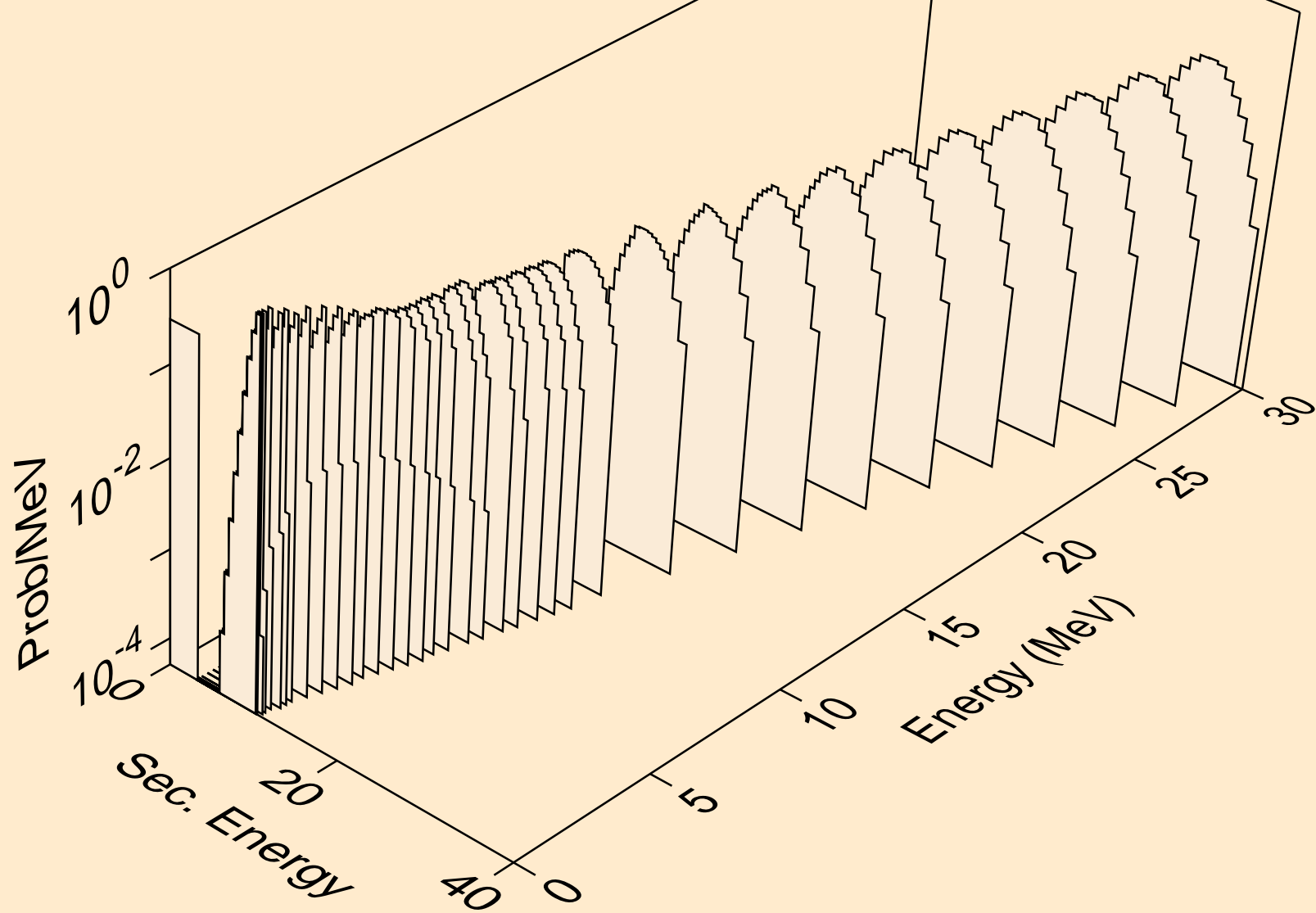
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alphas from (n,2n)2a



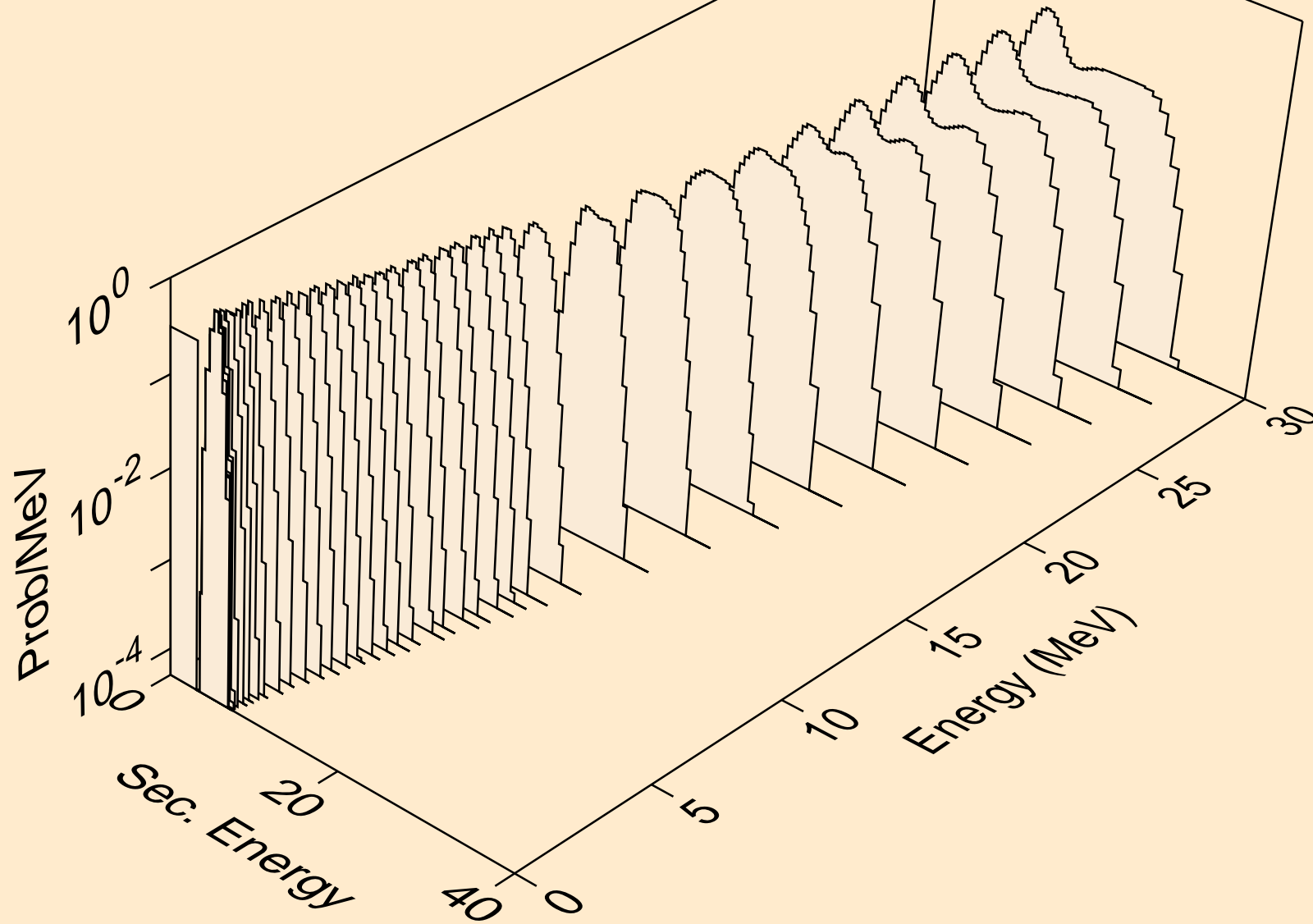
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

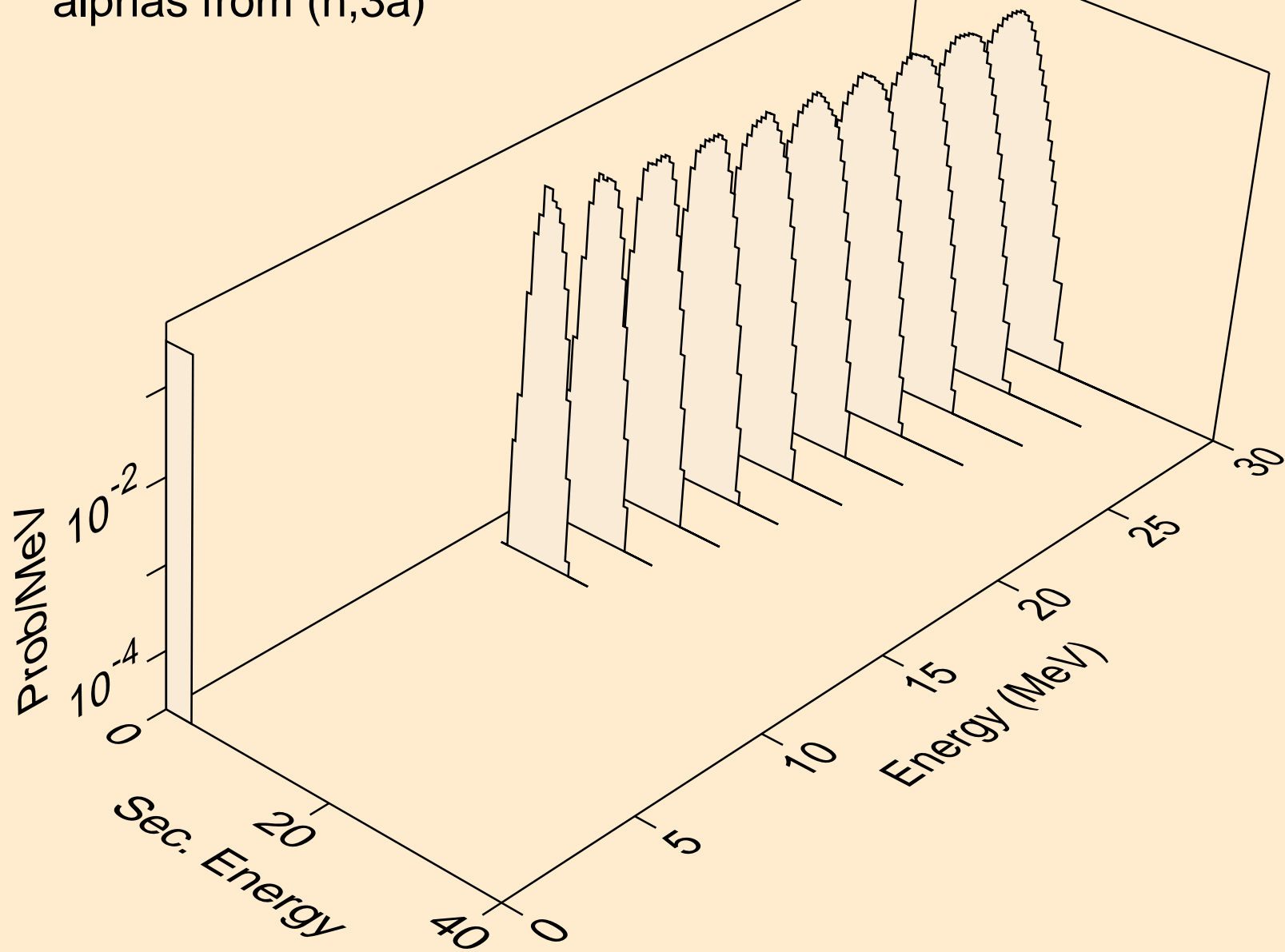


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alphas from (n,2a)

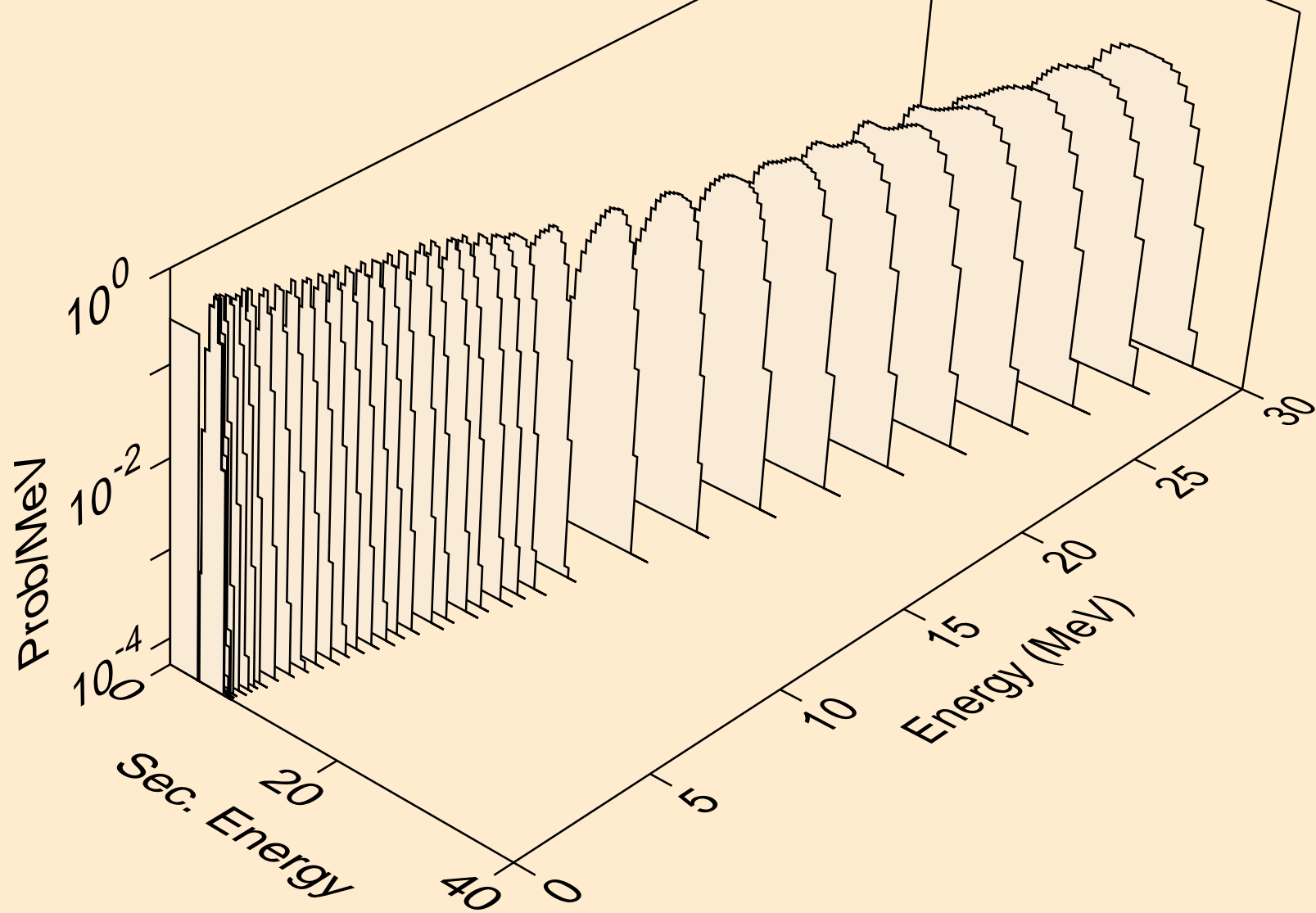




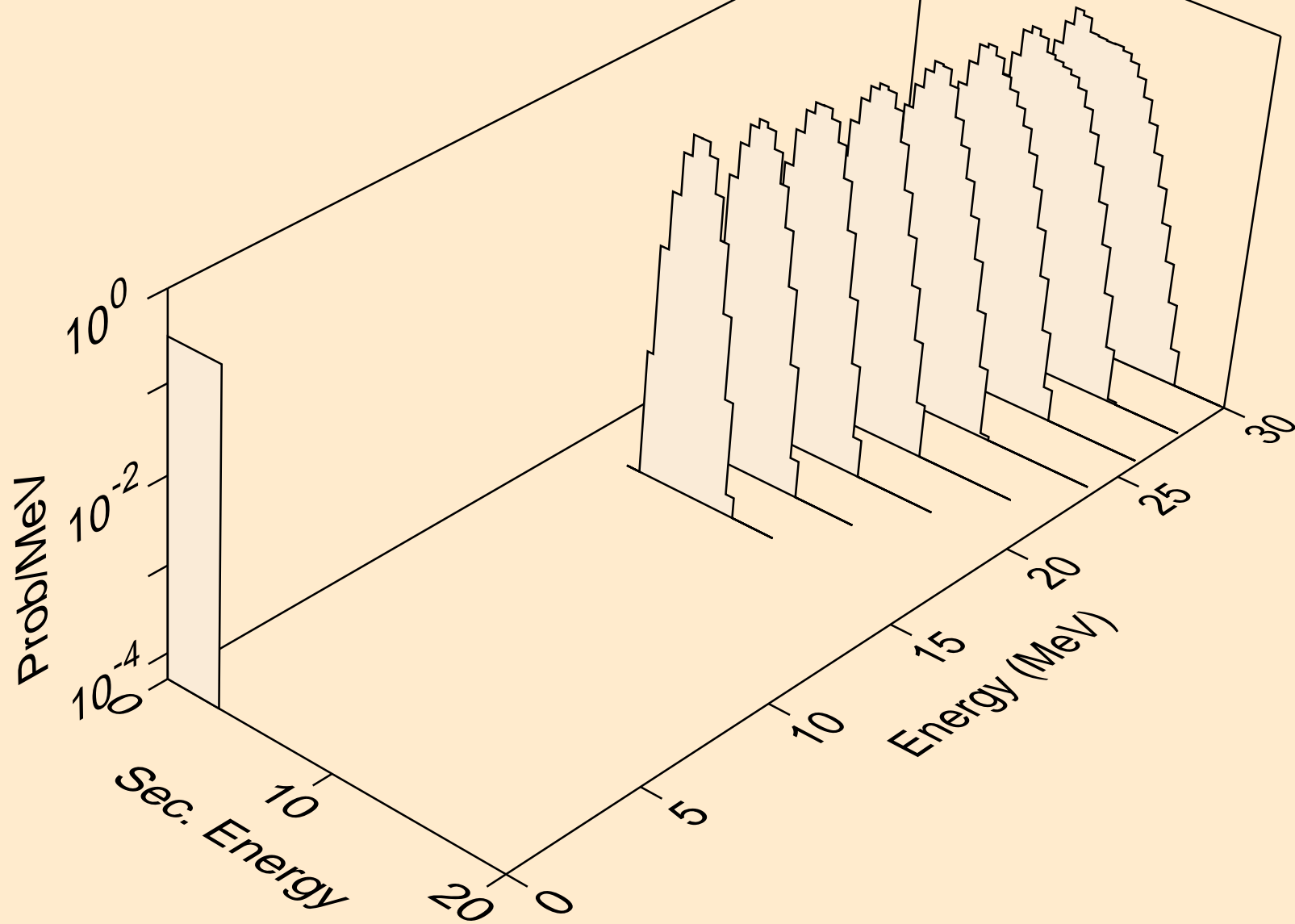
I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



I115 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

