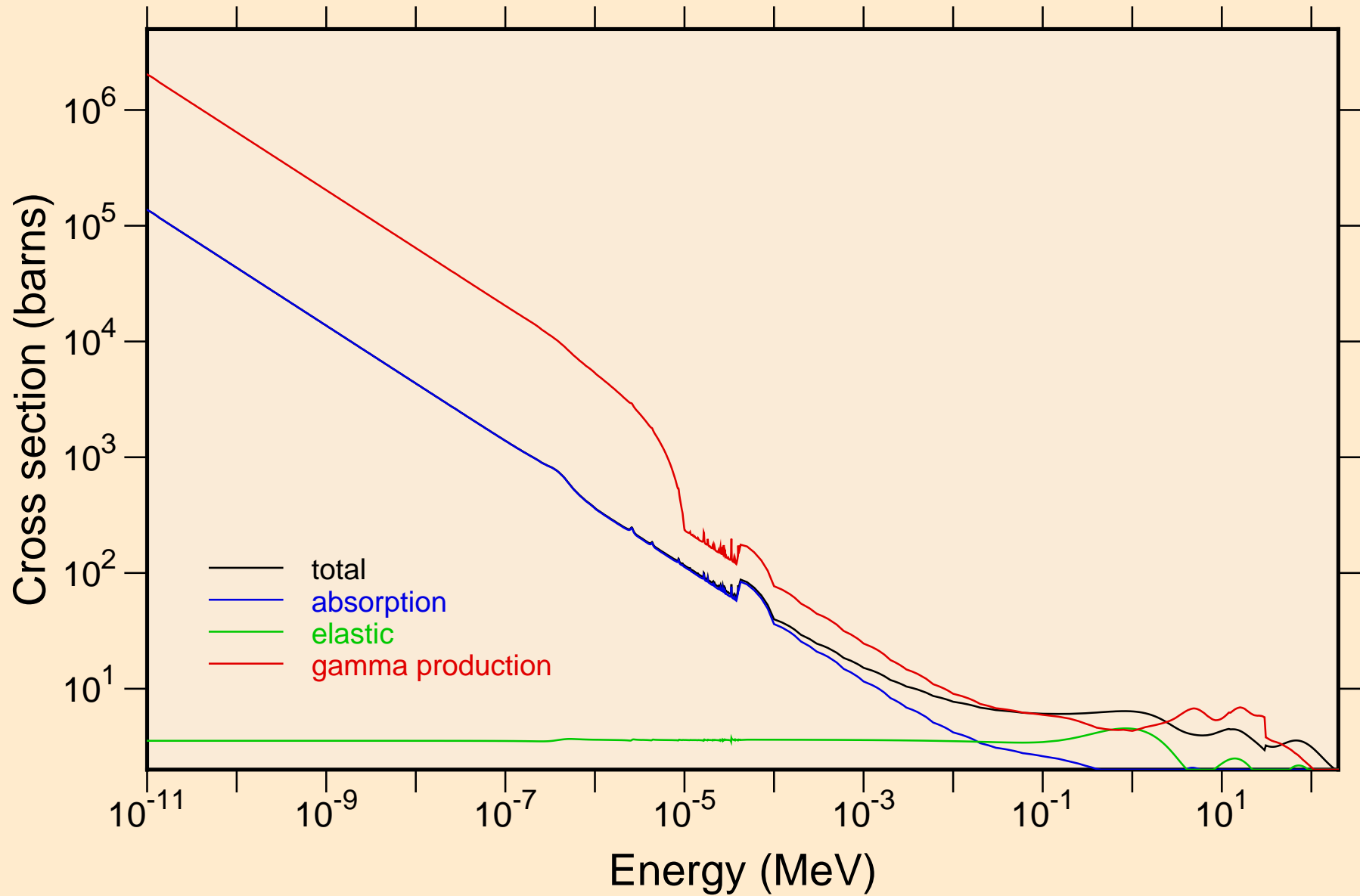
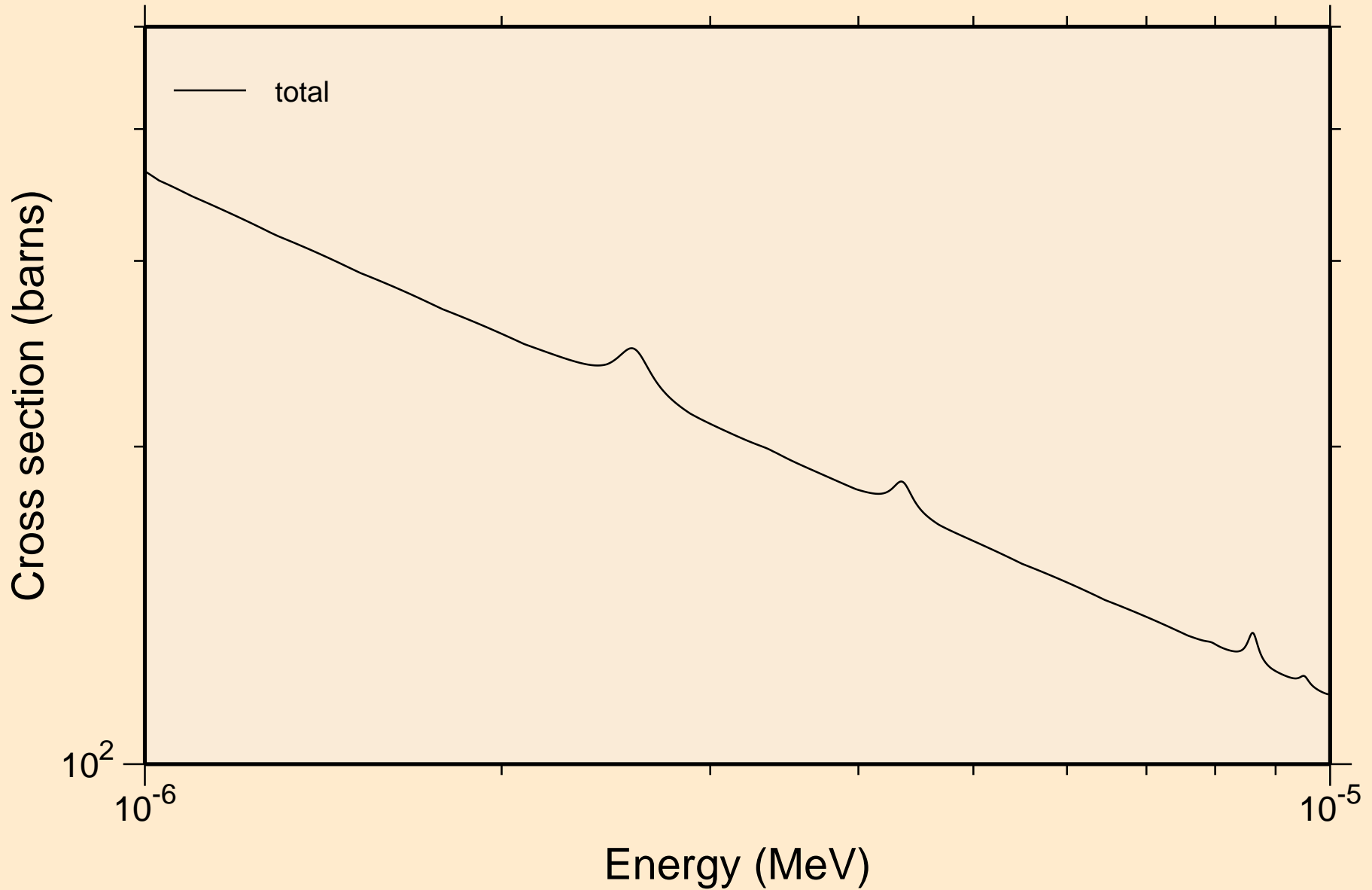


# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

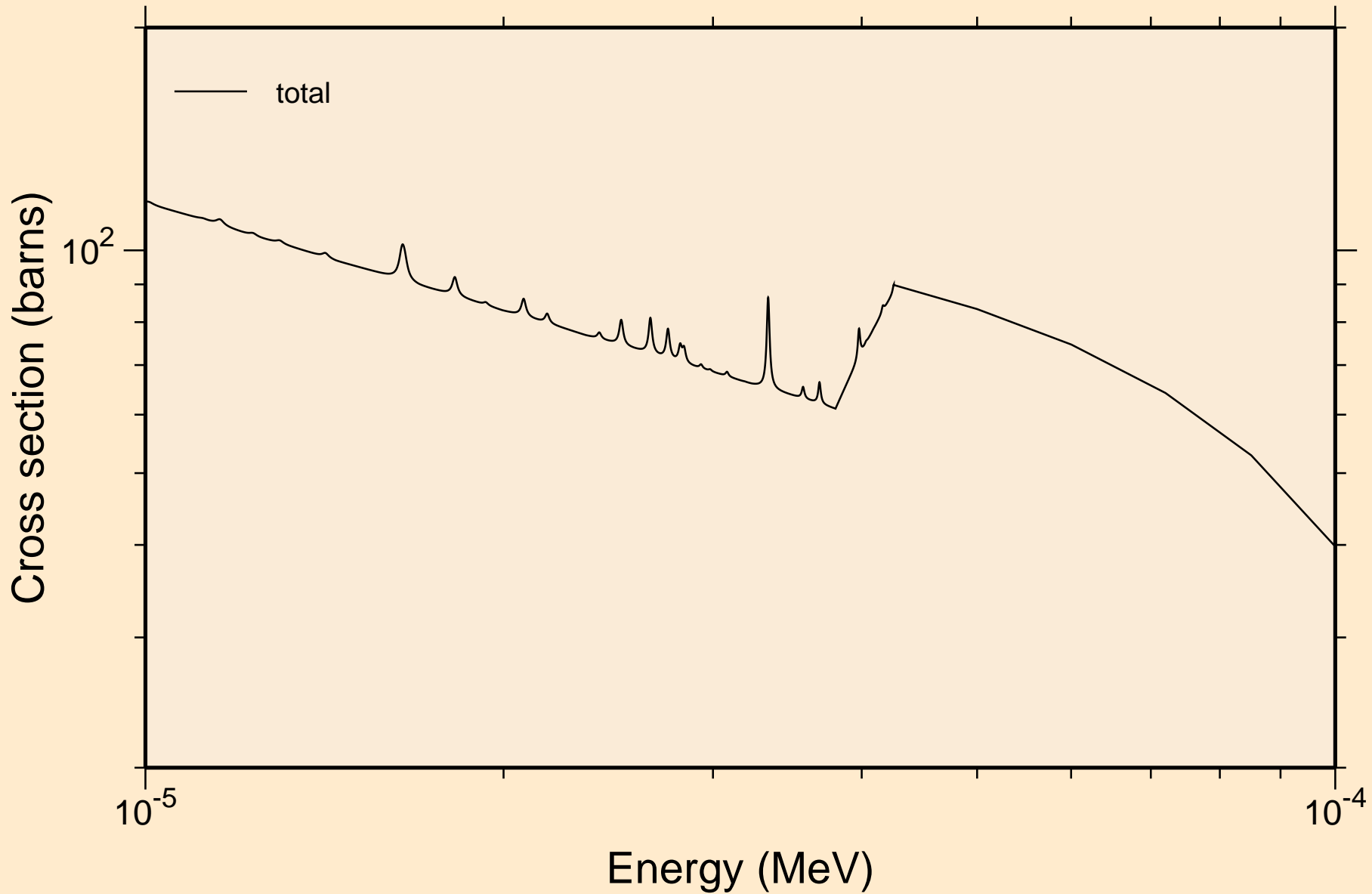
## Principal cross sections



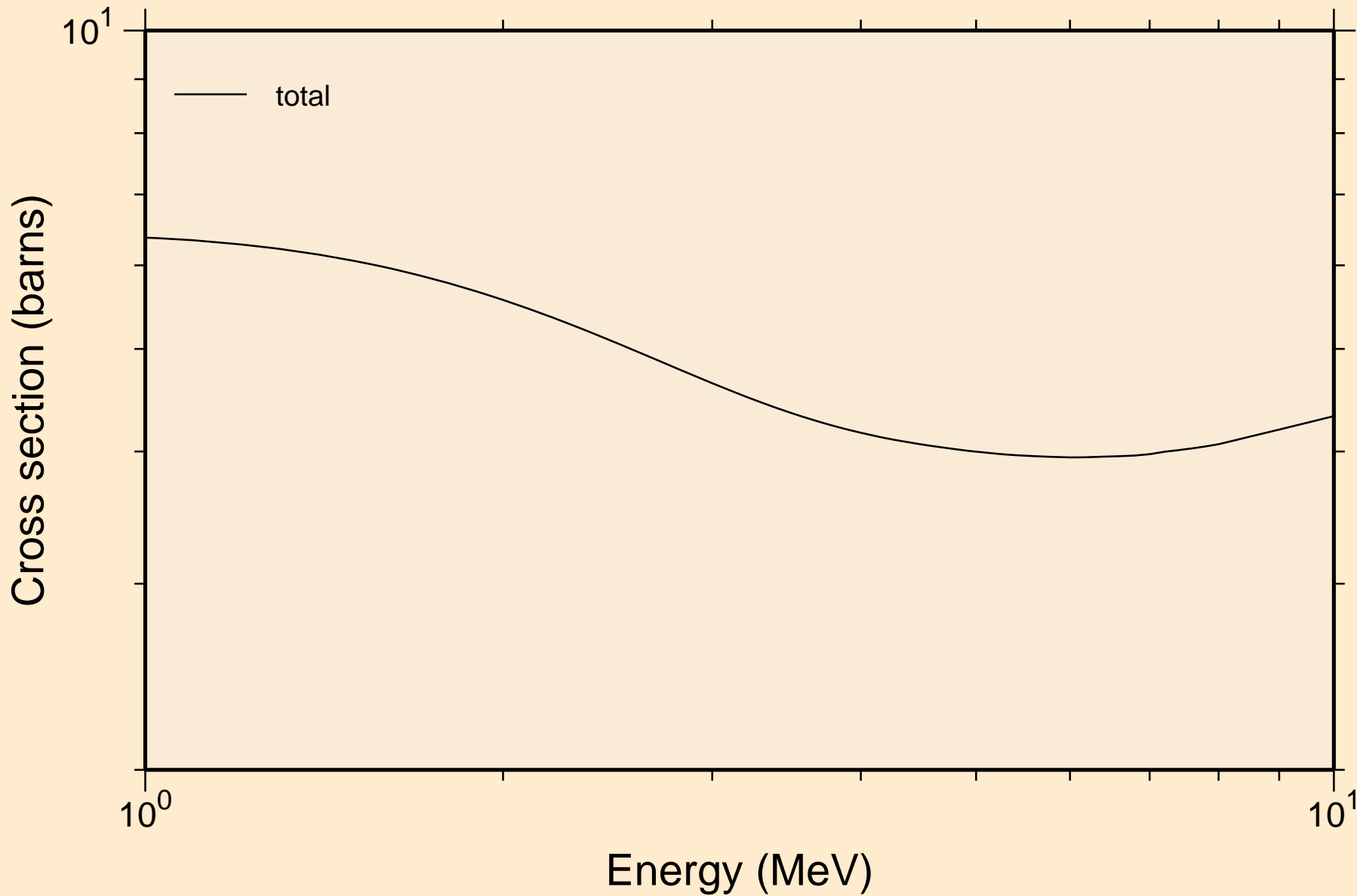
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



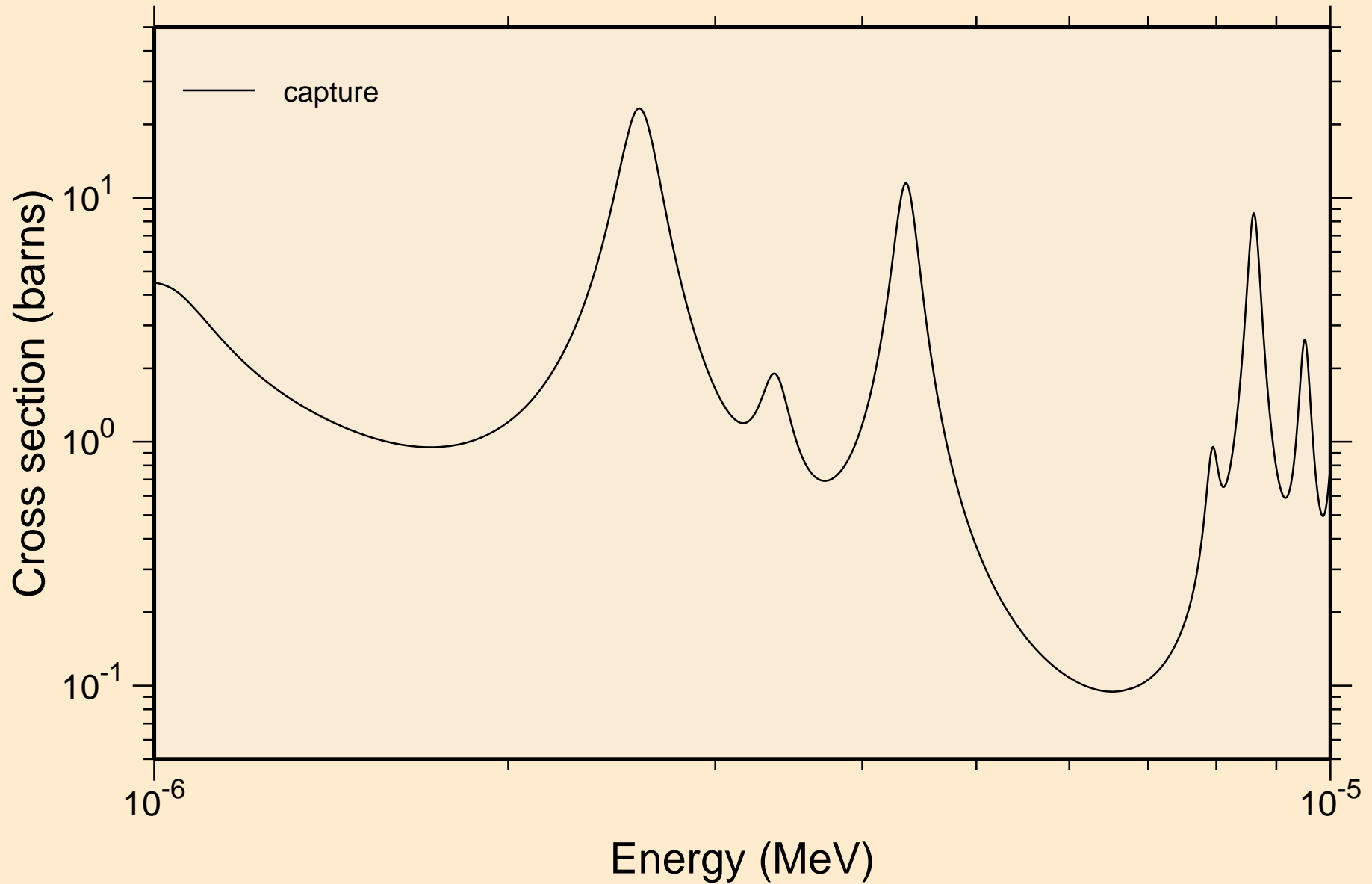
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section

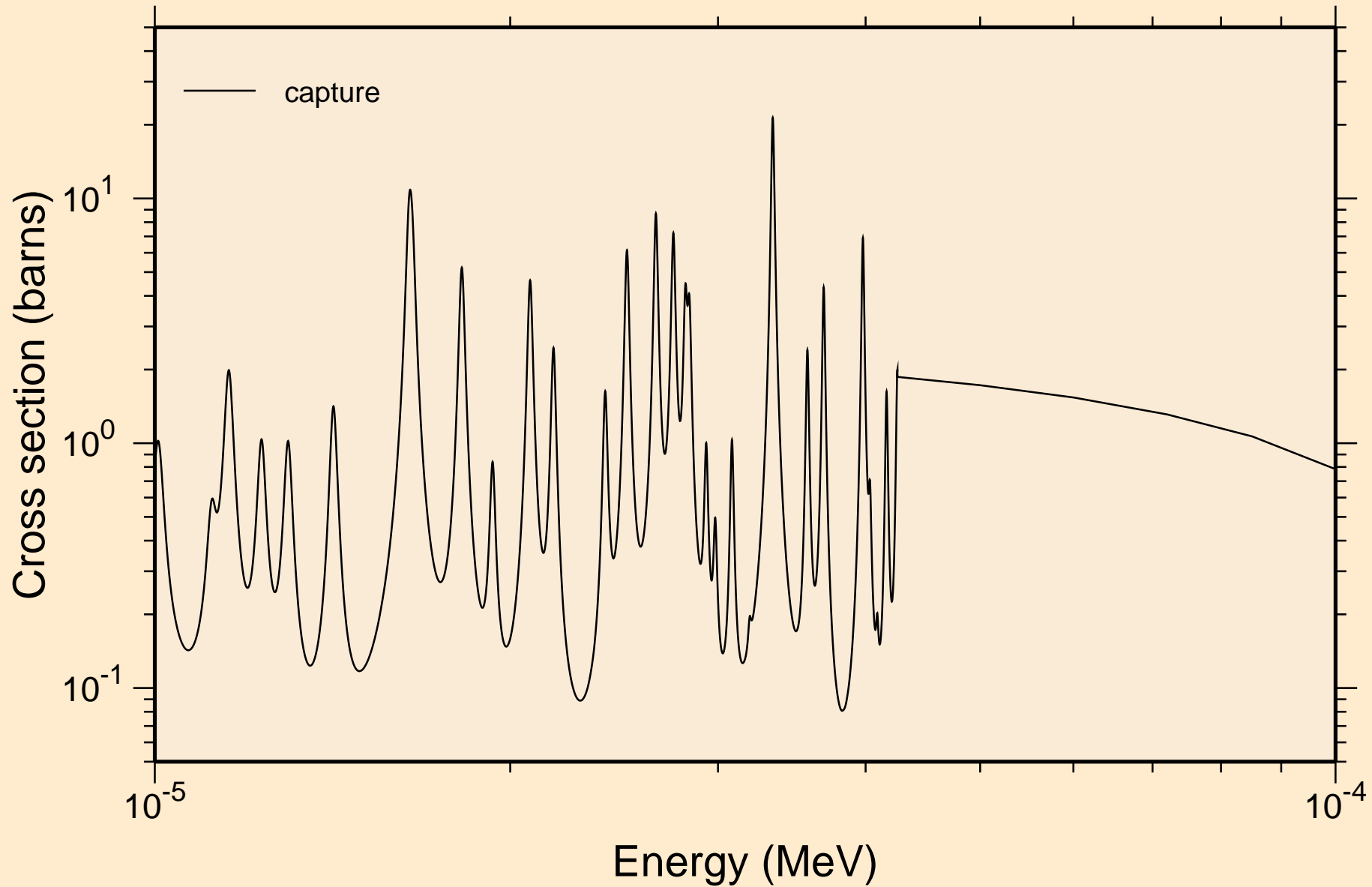


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

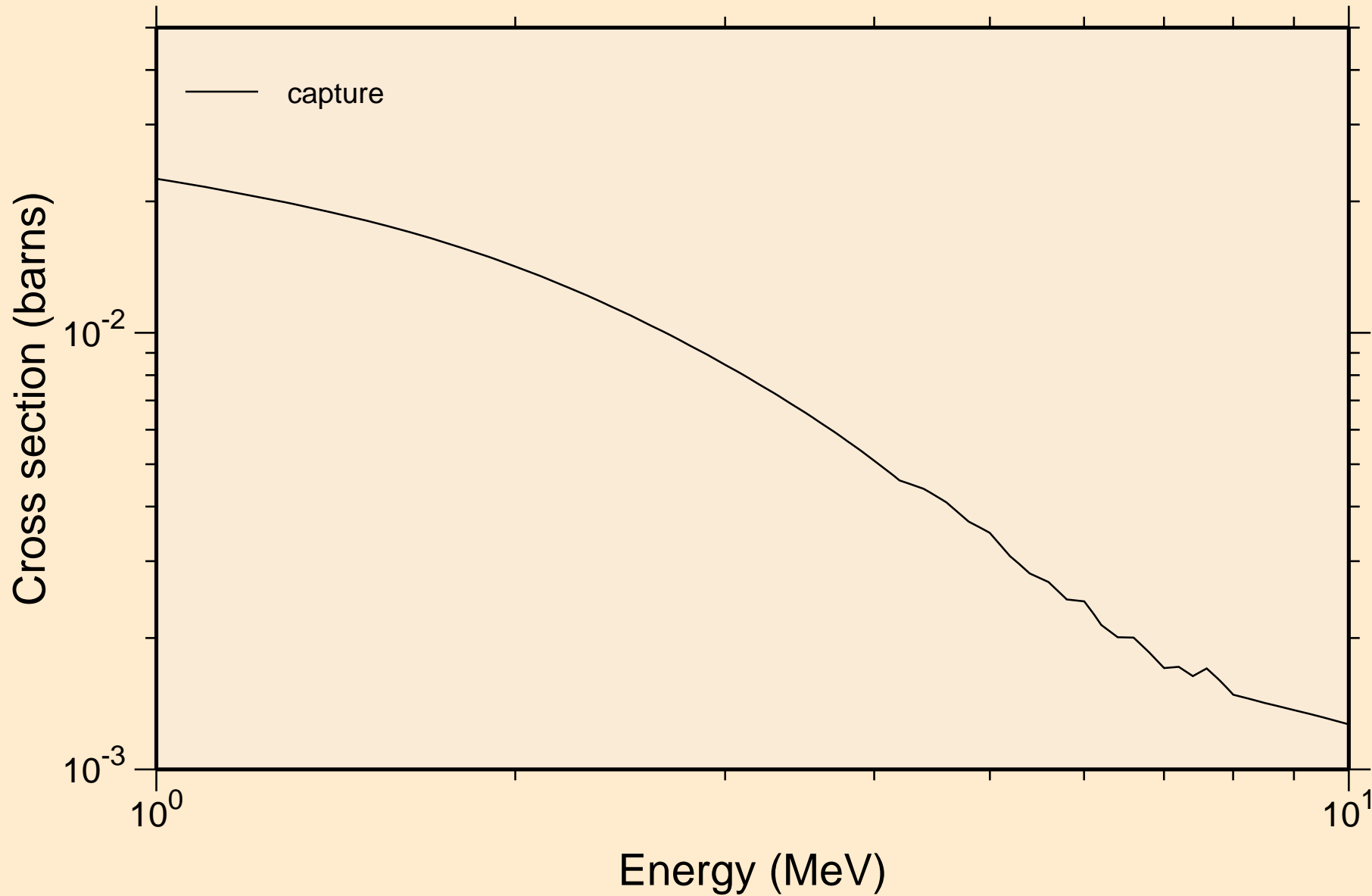


# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## resonance absorption cross sections

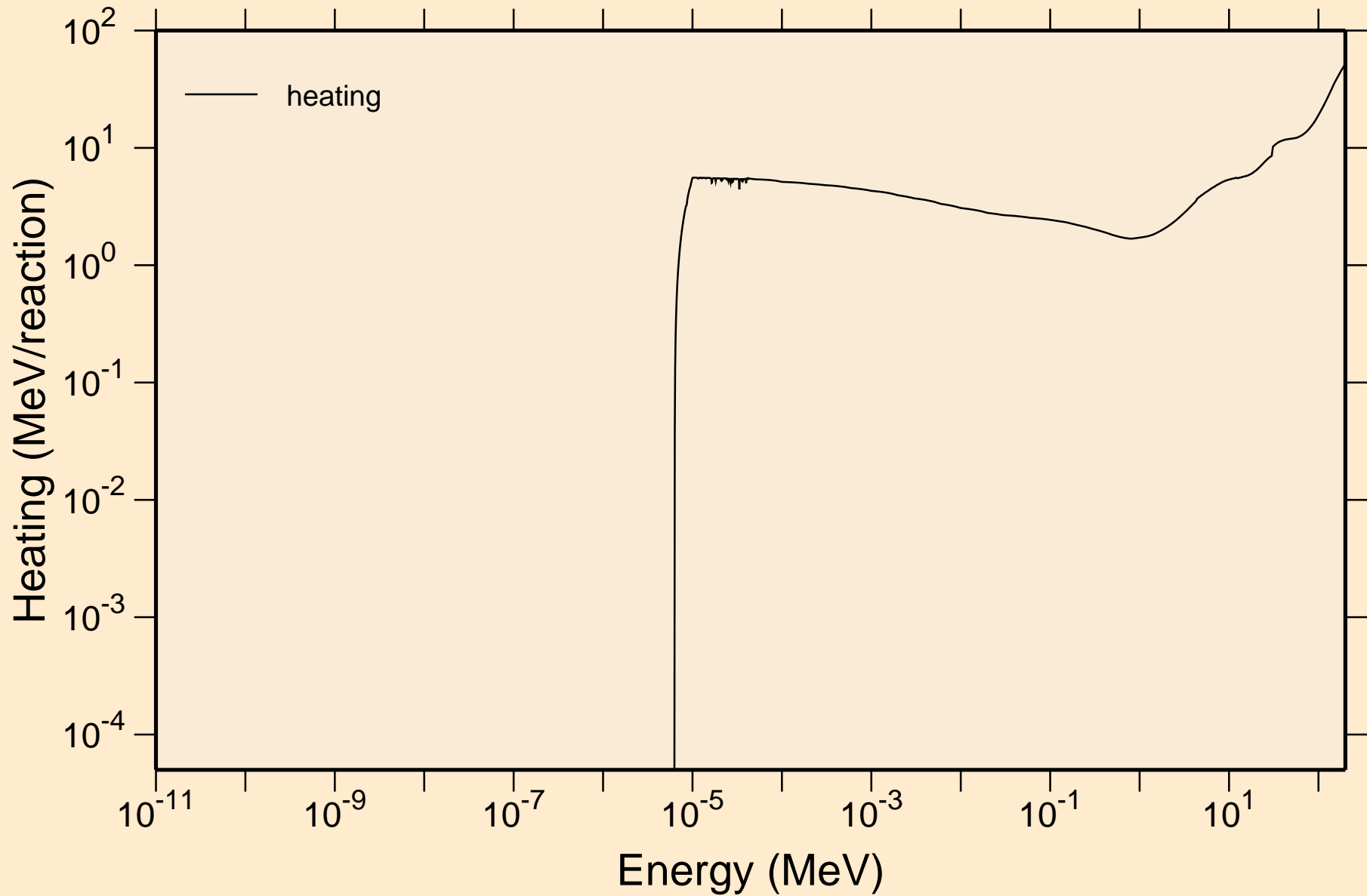


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



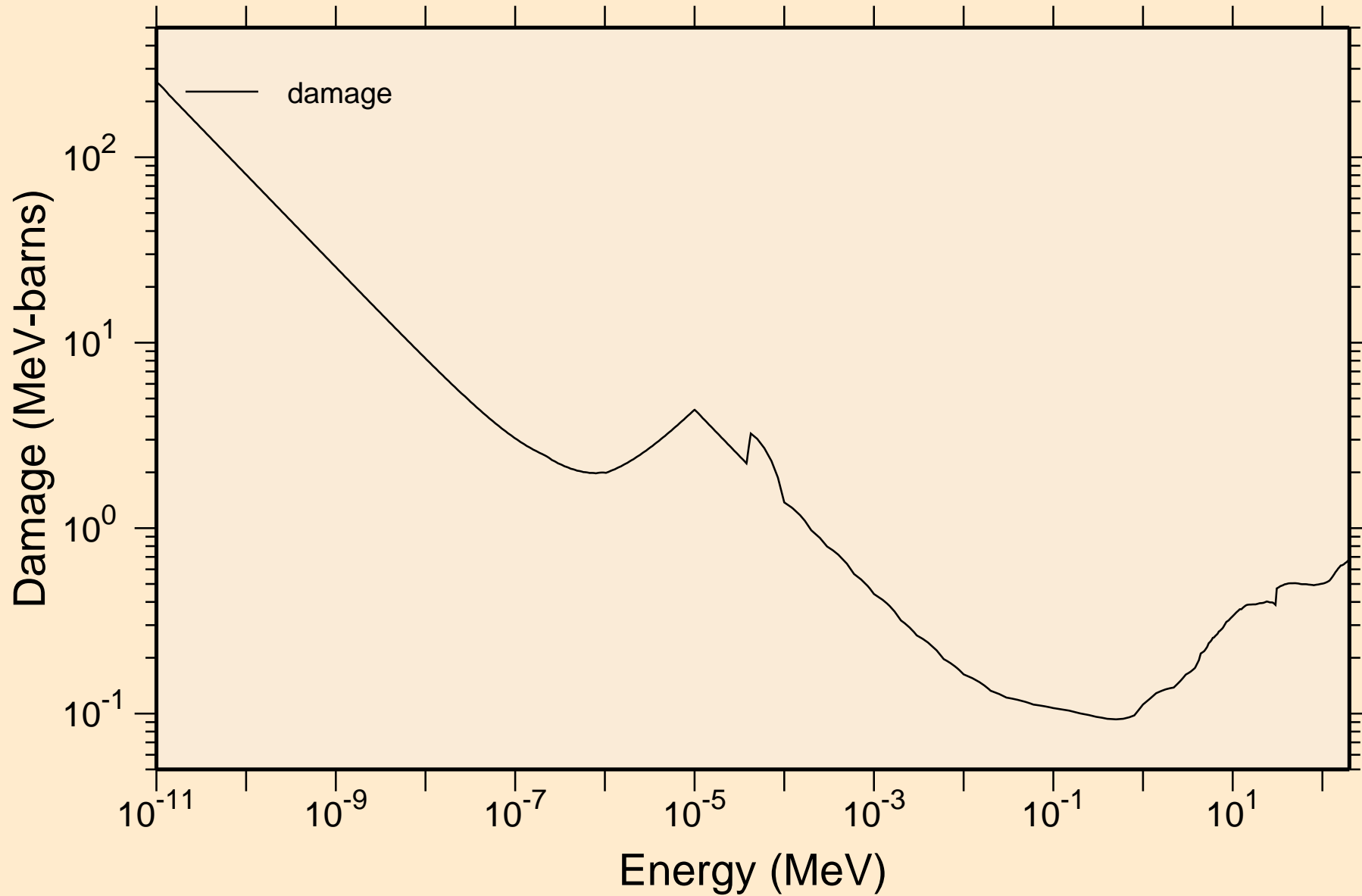
# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



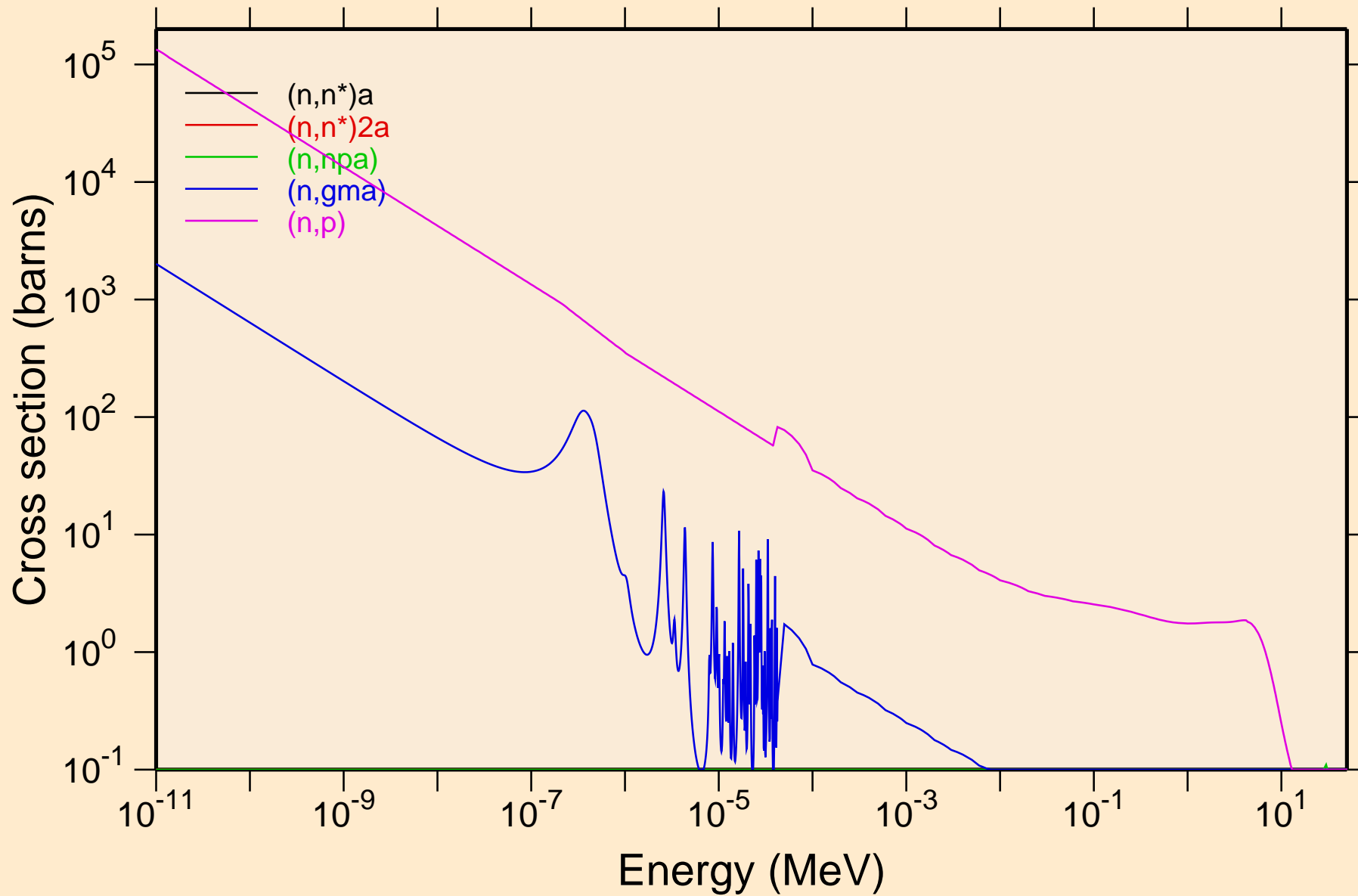


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

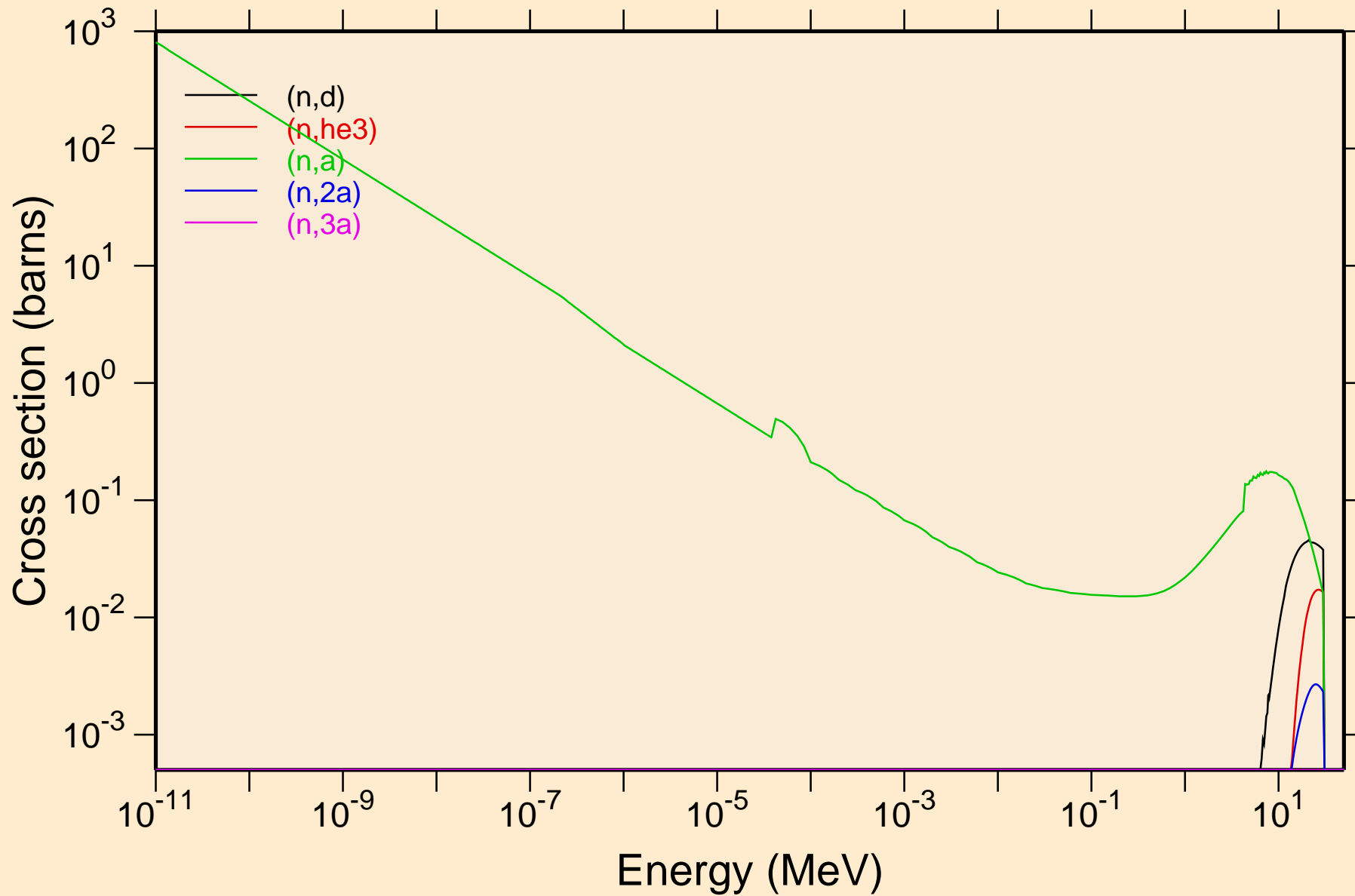


# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

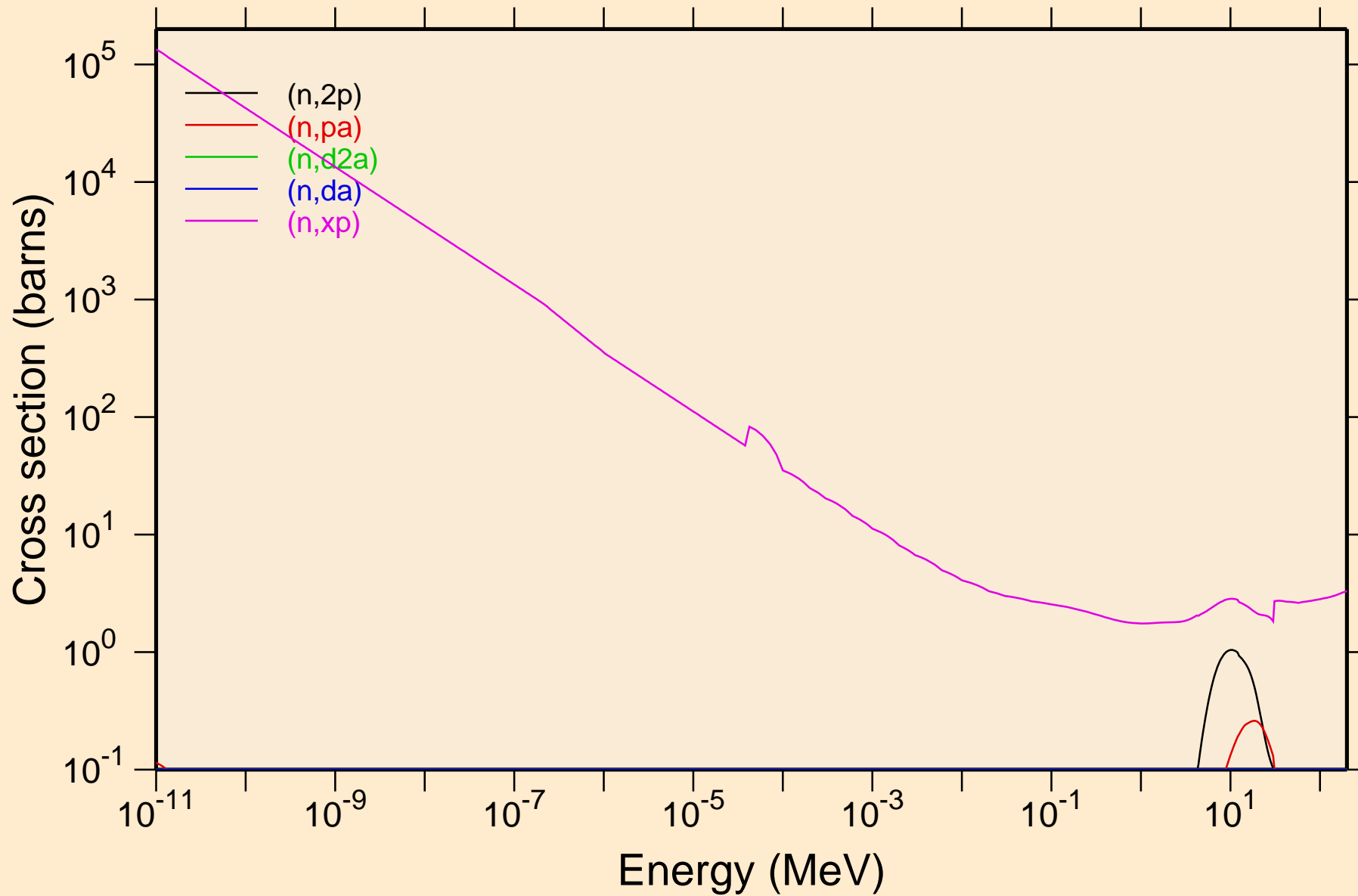


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

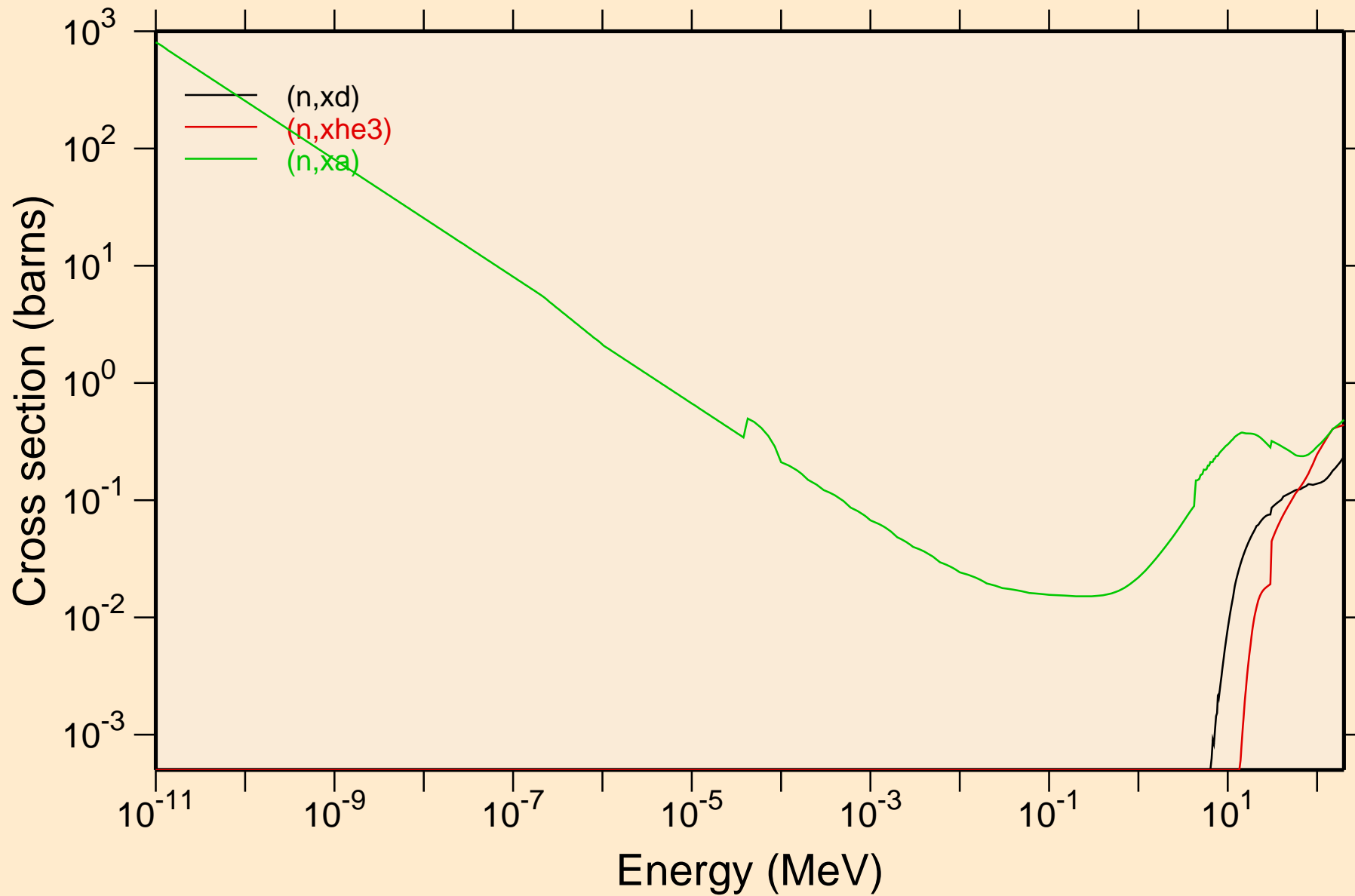


# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

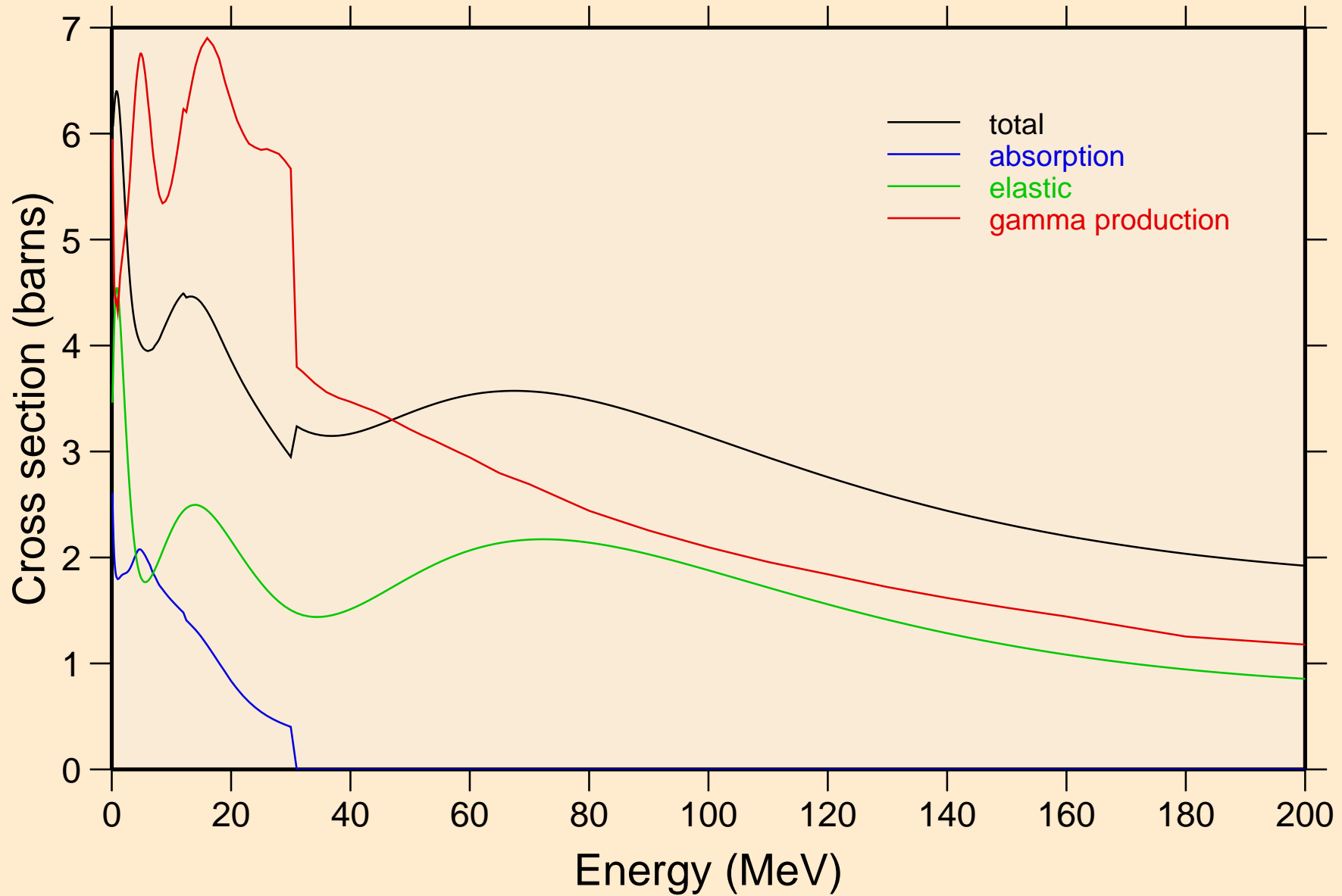


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



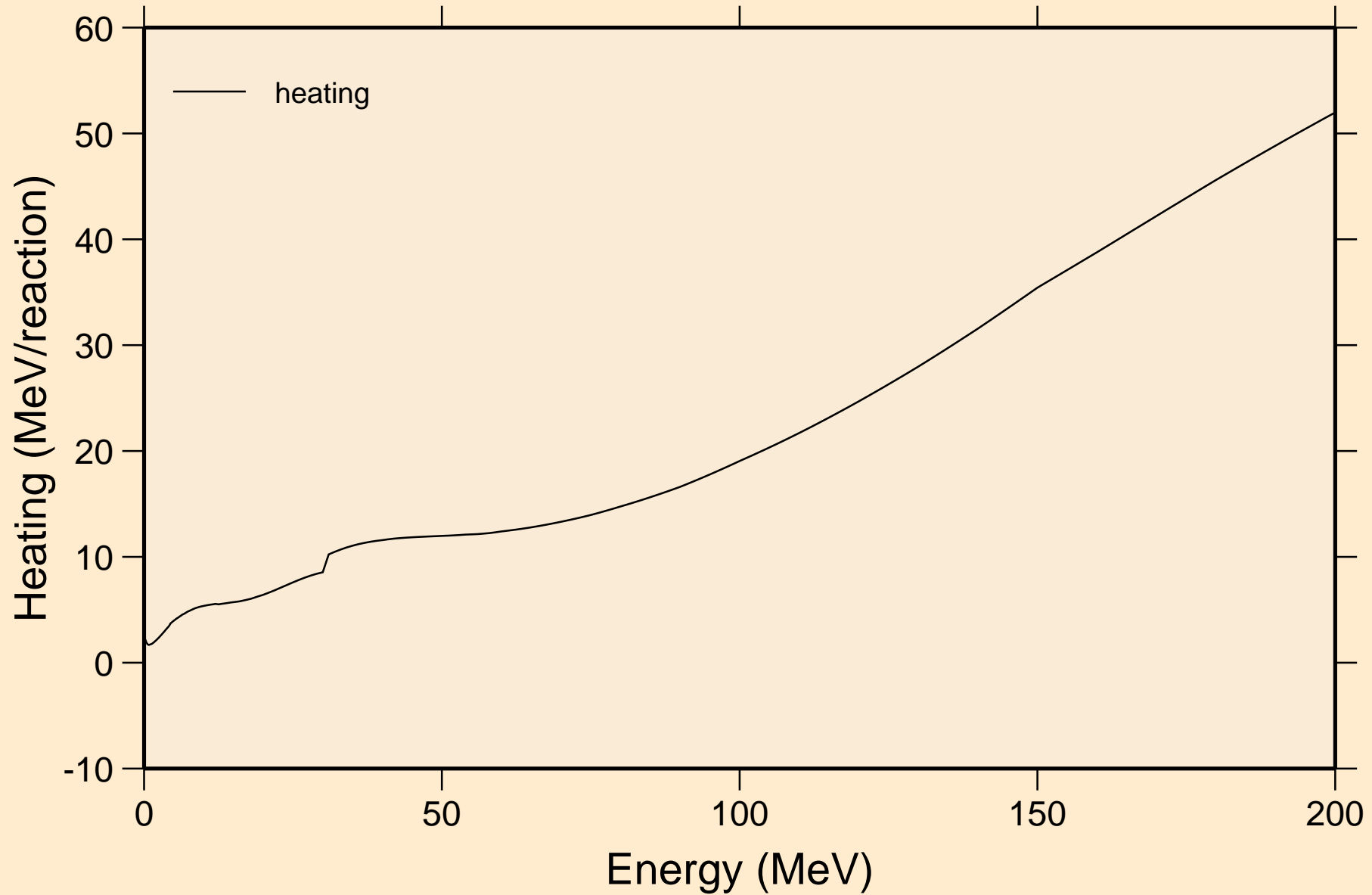
# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



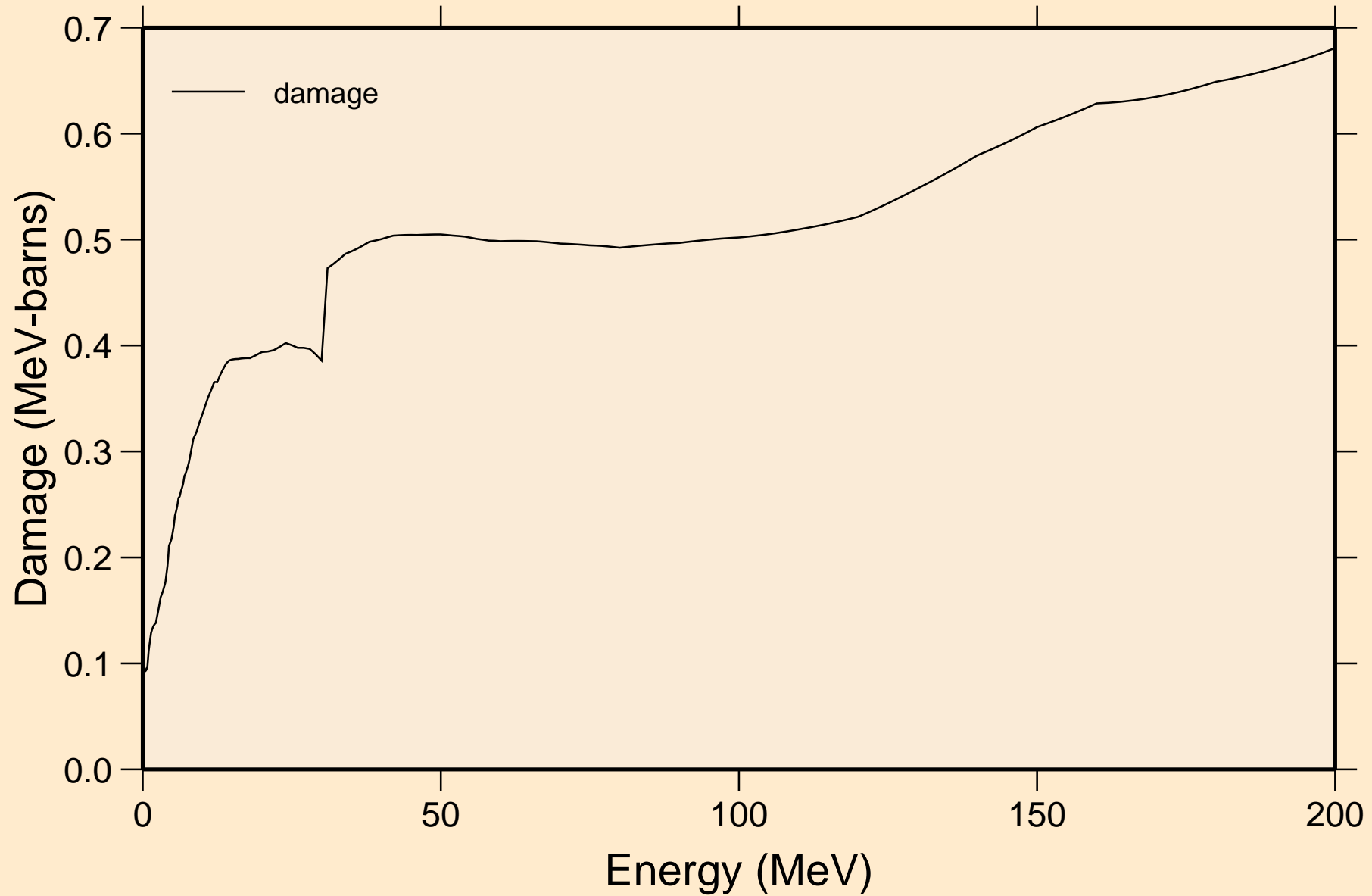
# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

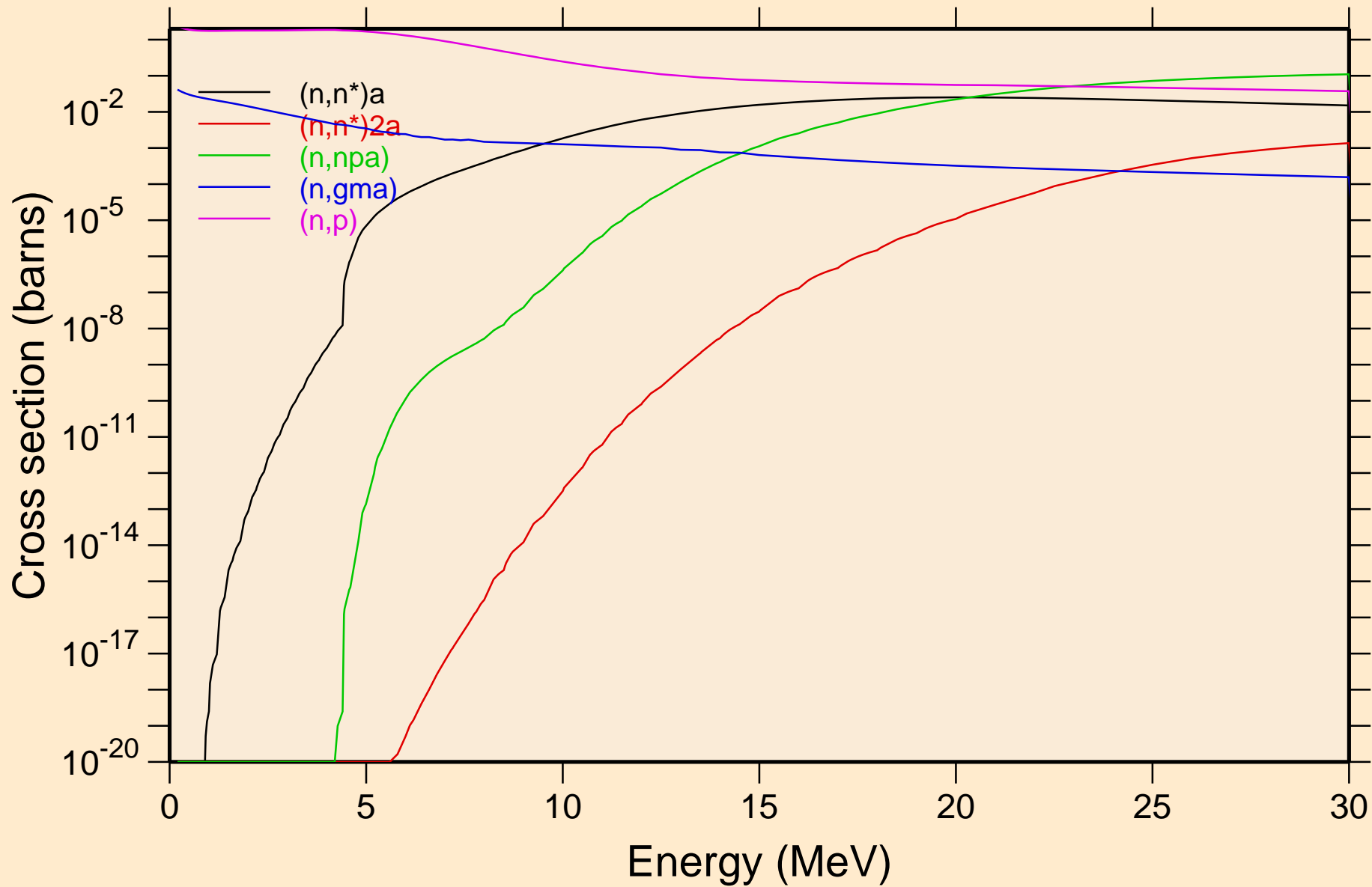
## Damage



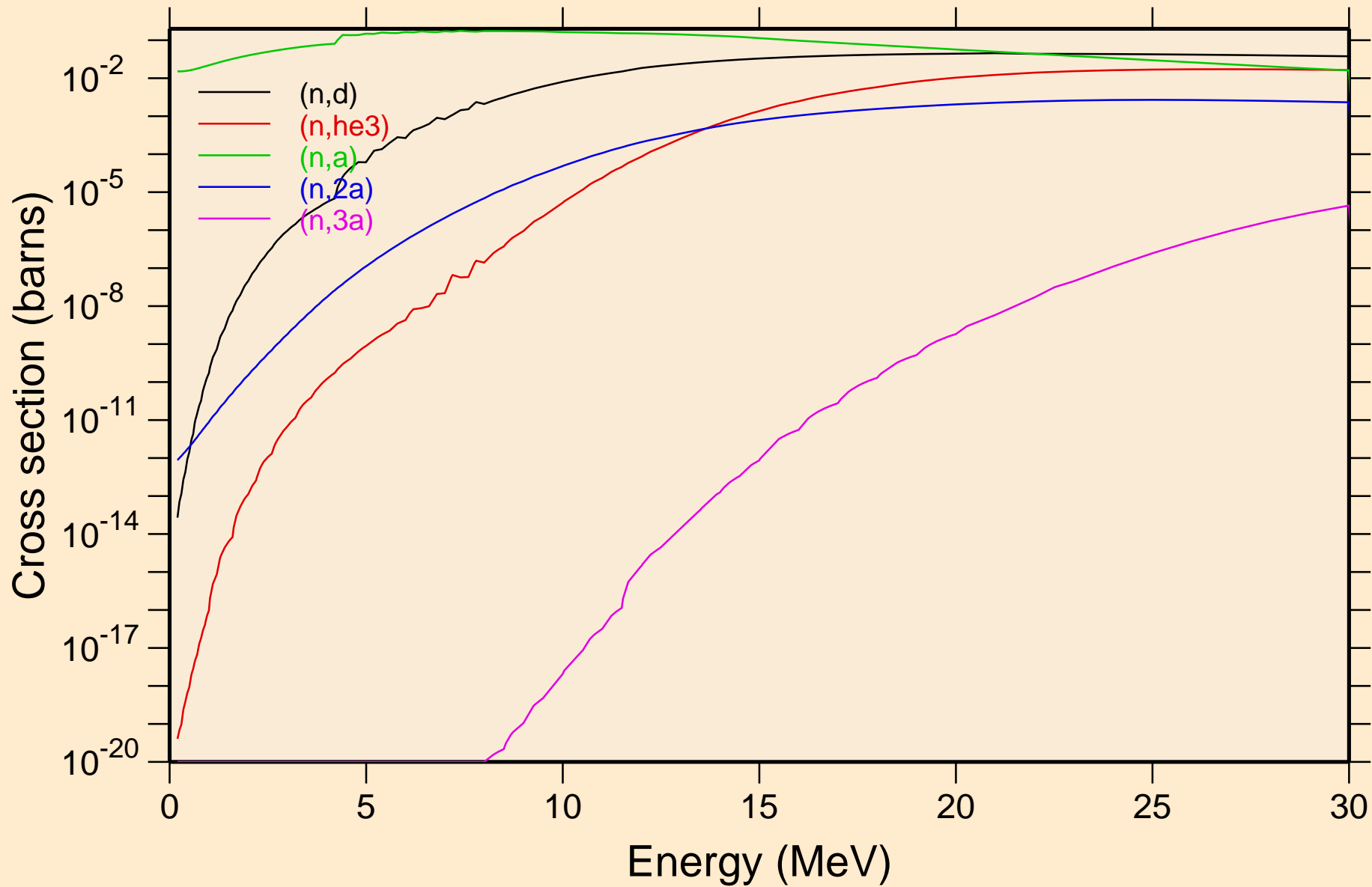


# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

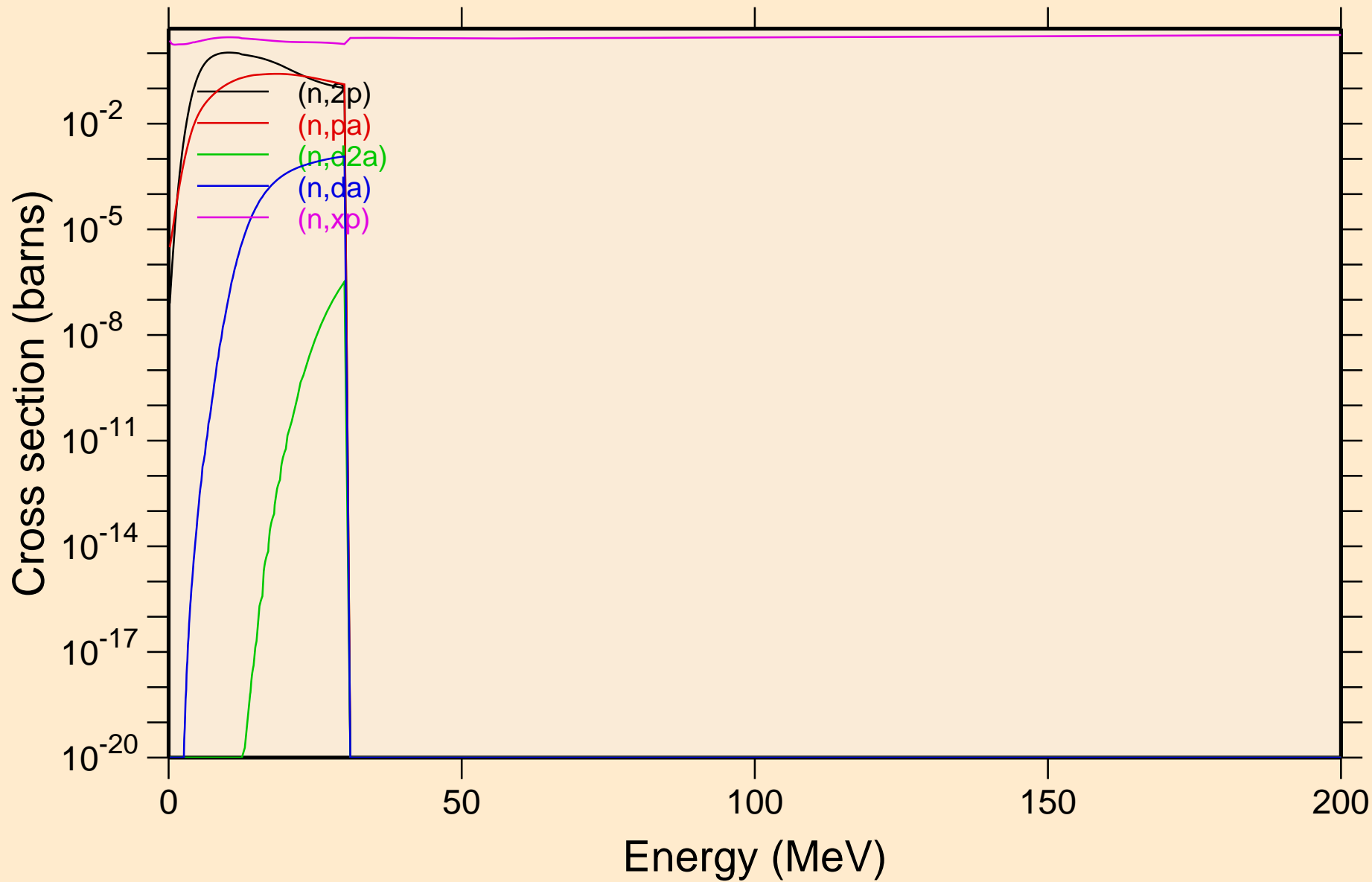


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

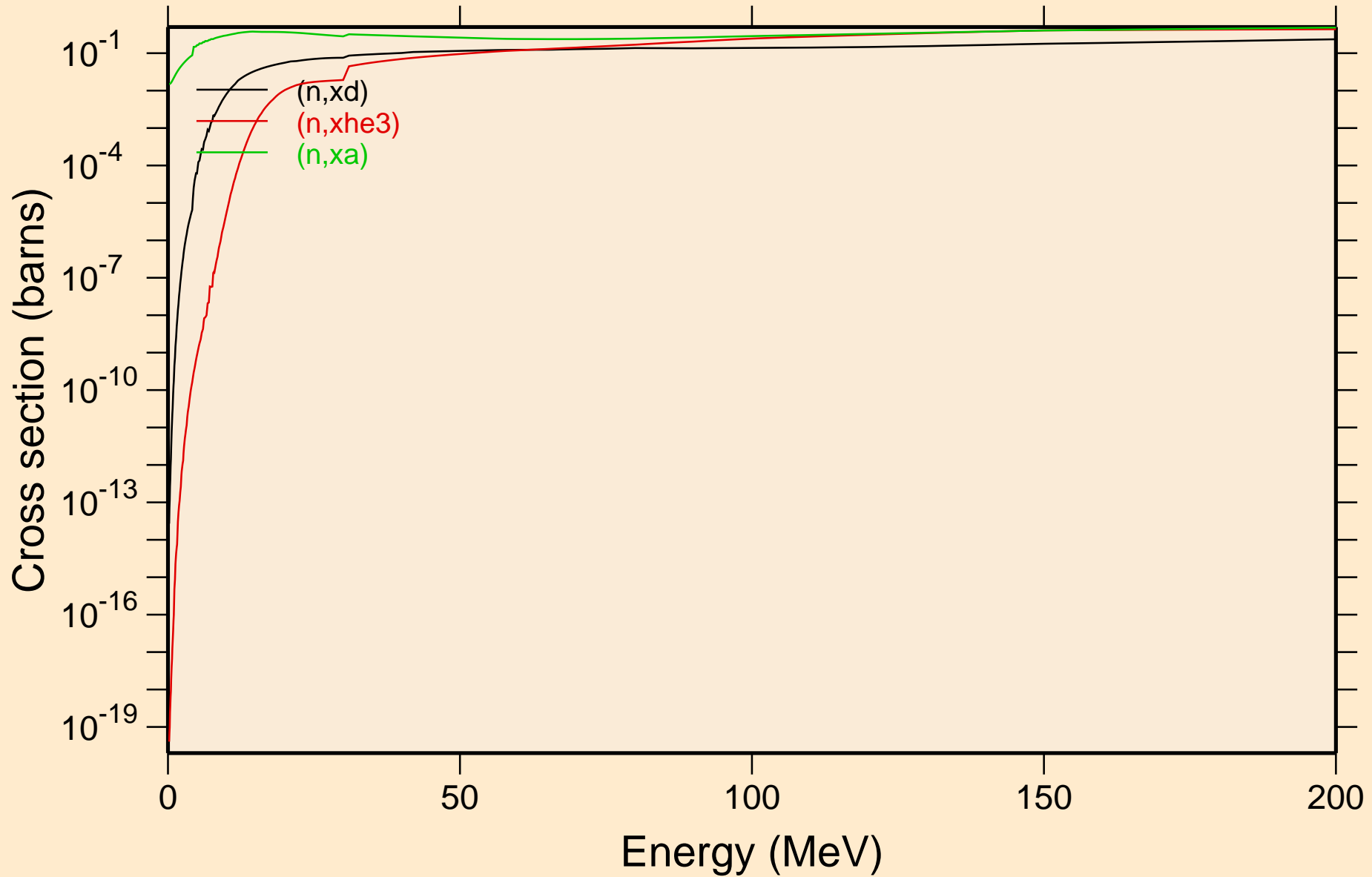


# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

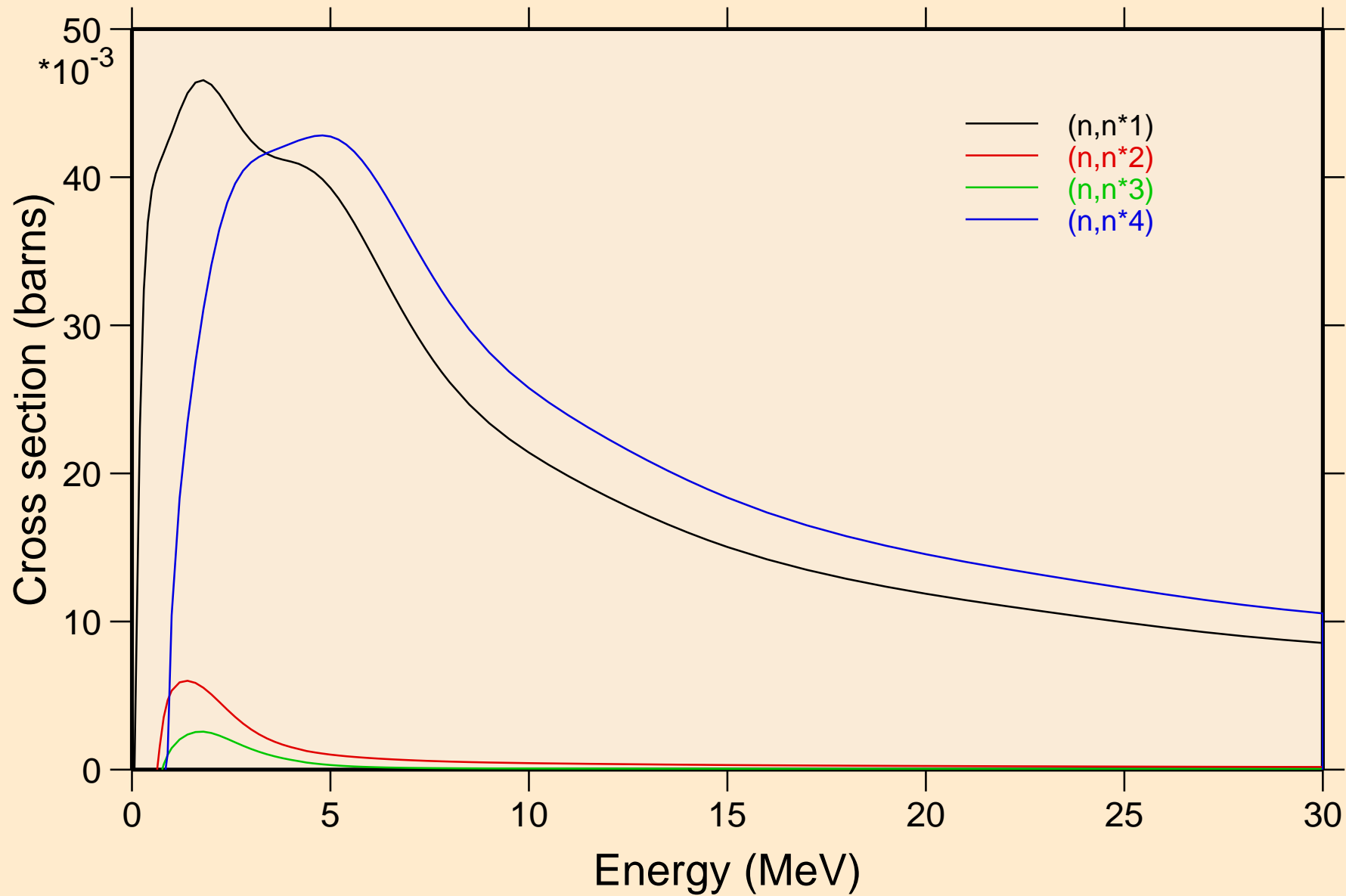
## Non-threshold reactions



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

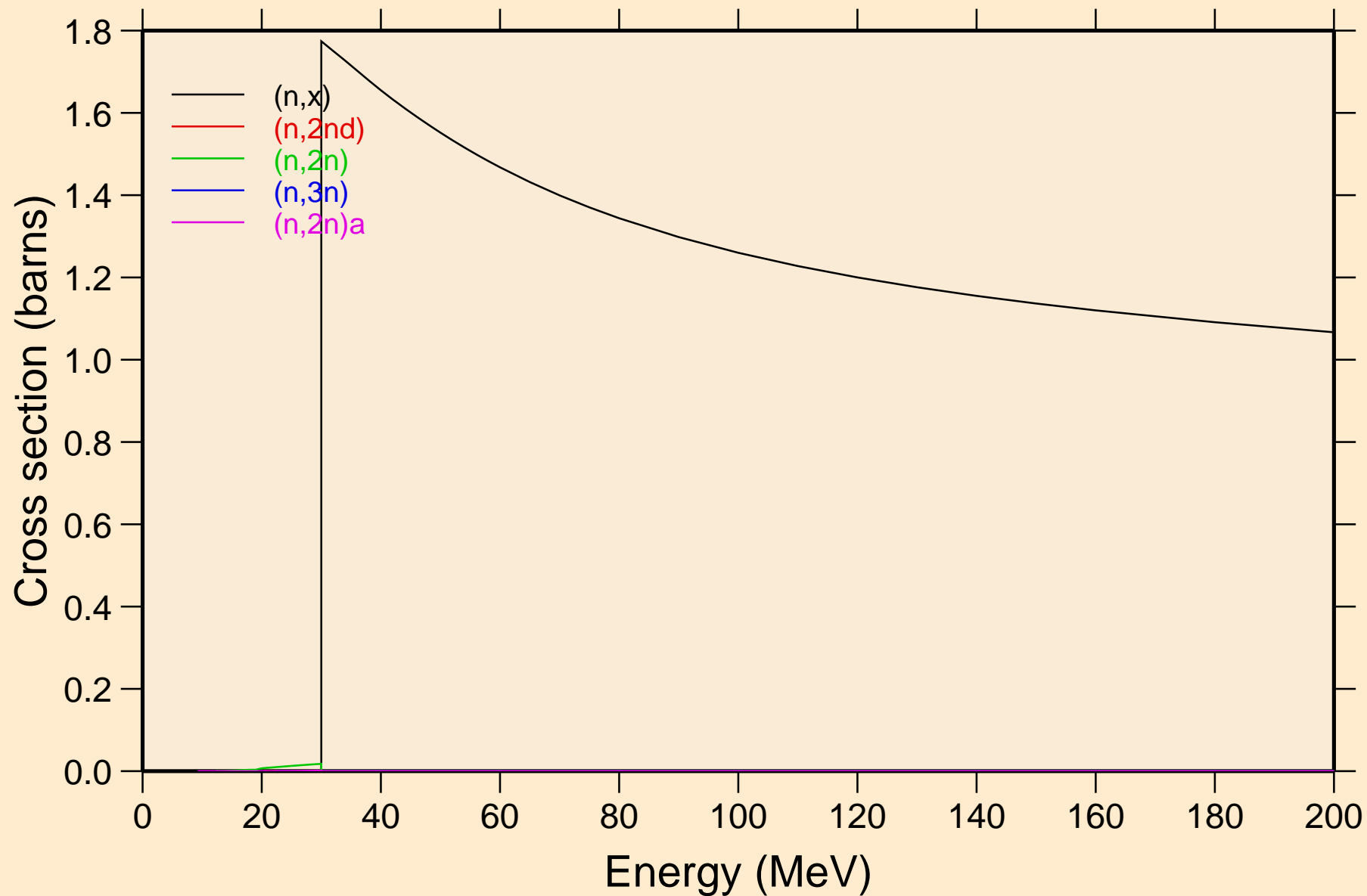


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

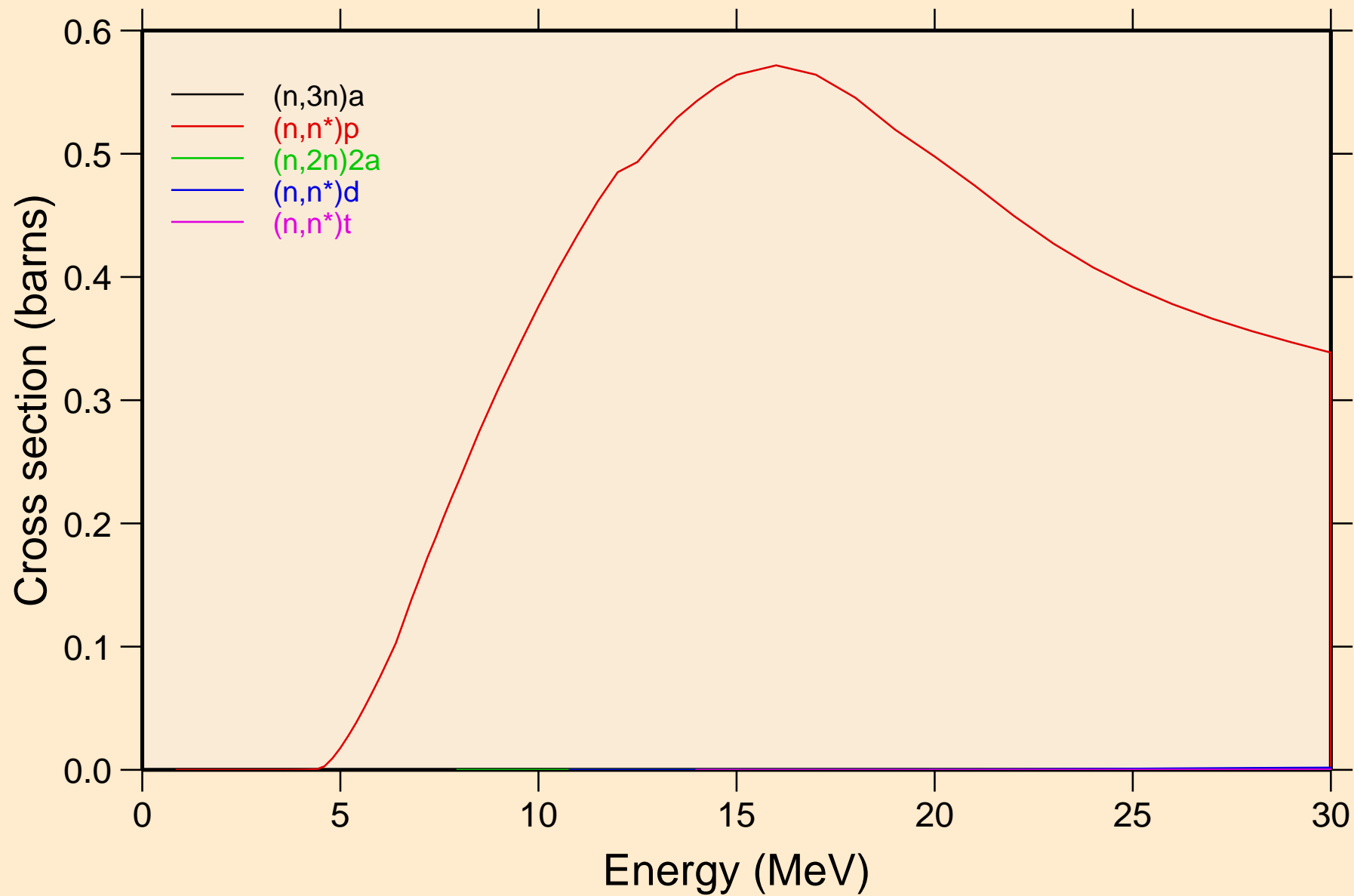


# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

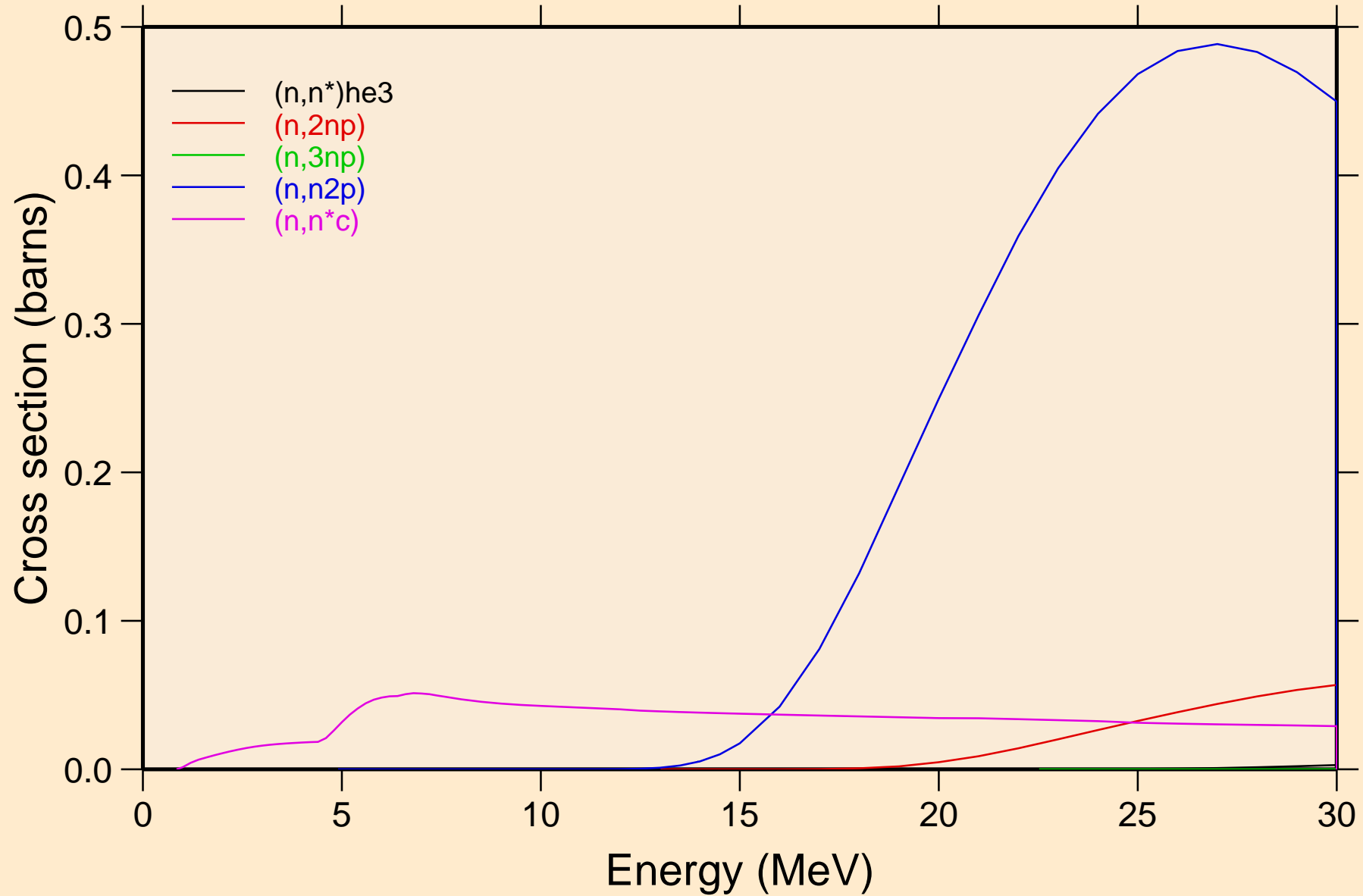


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

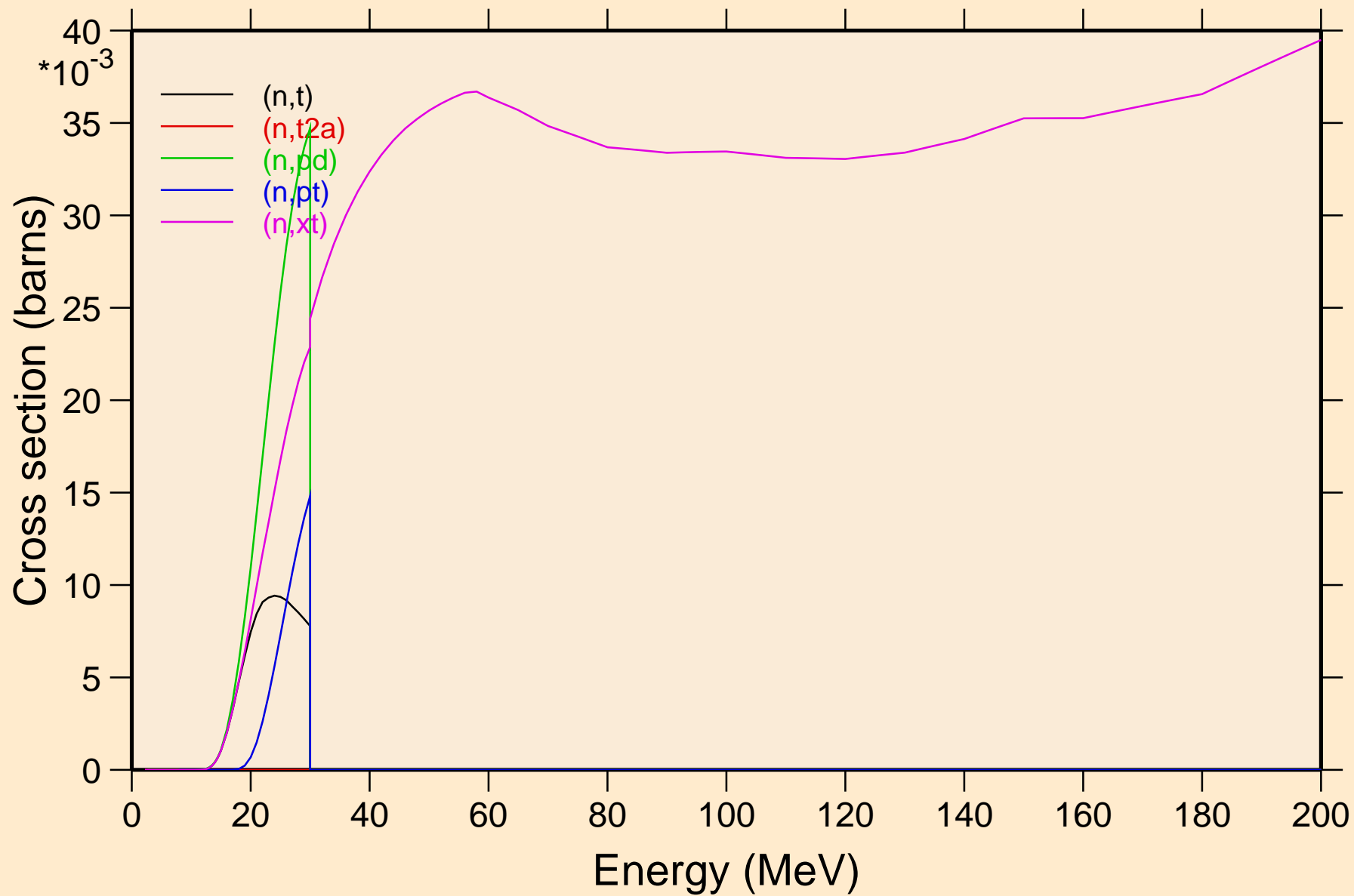
## Threshold reactions



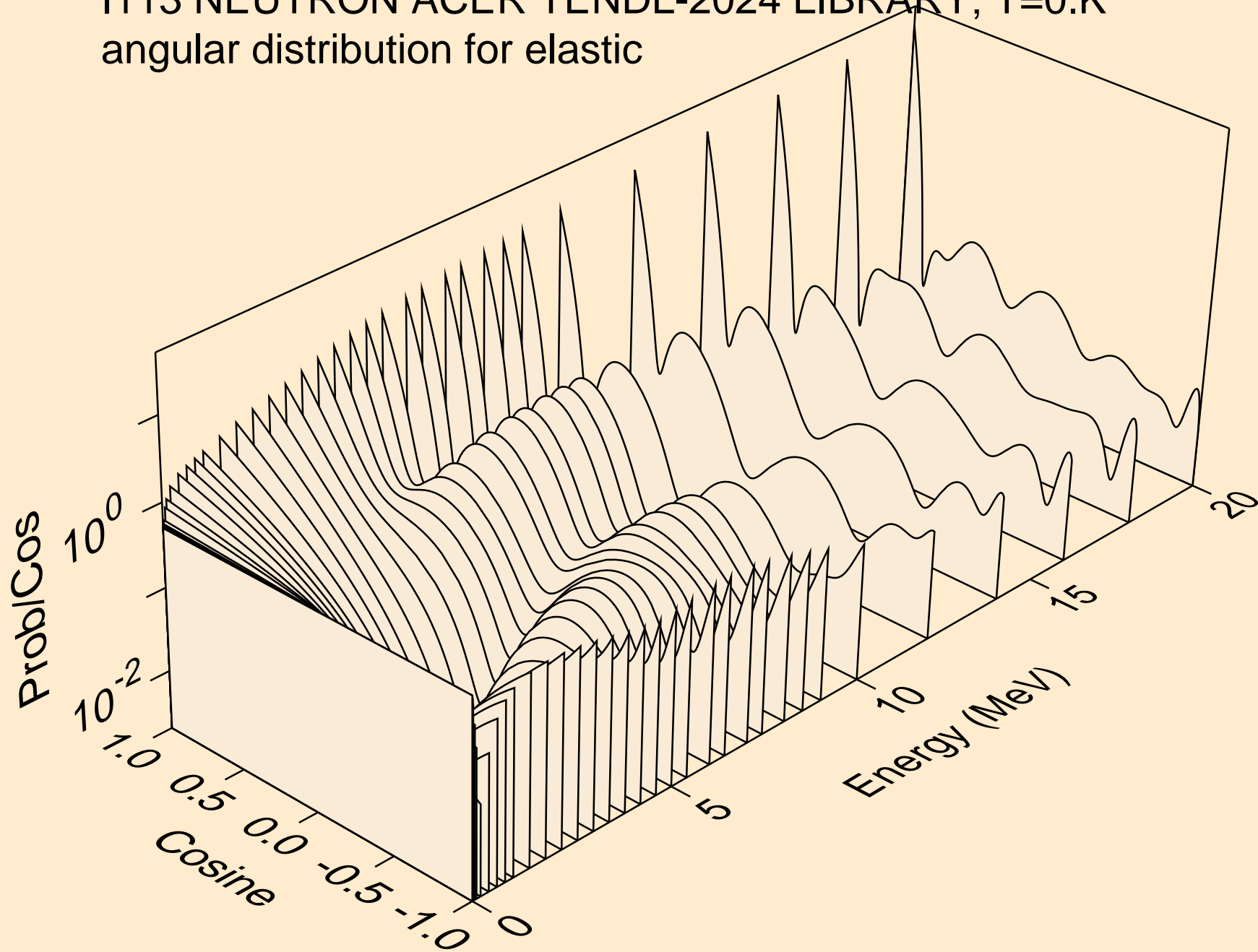


# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

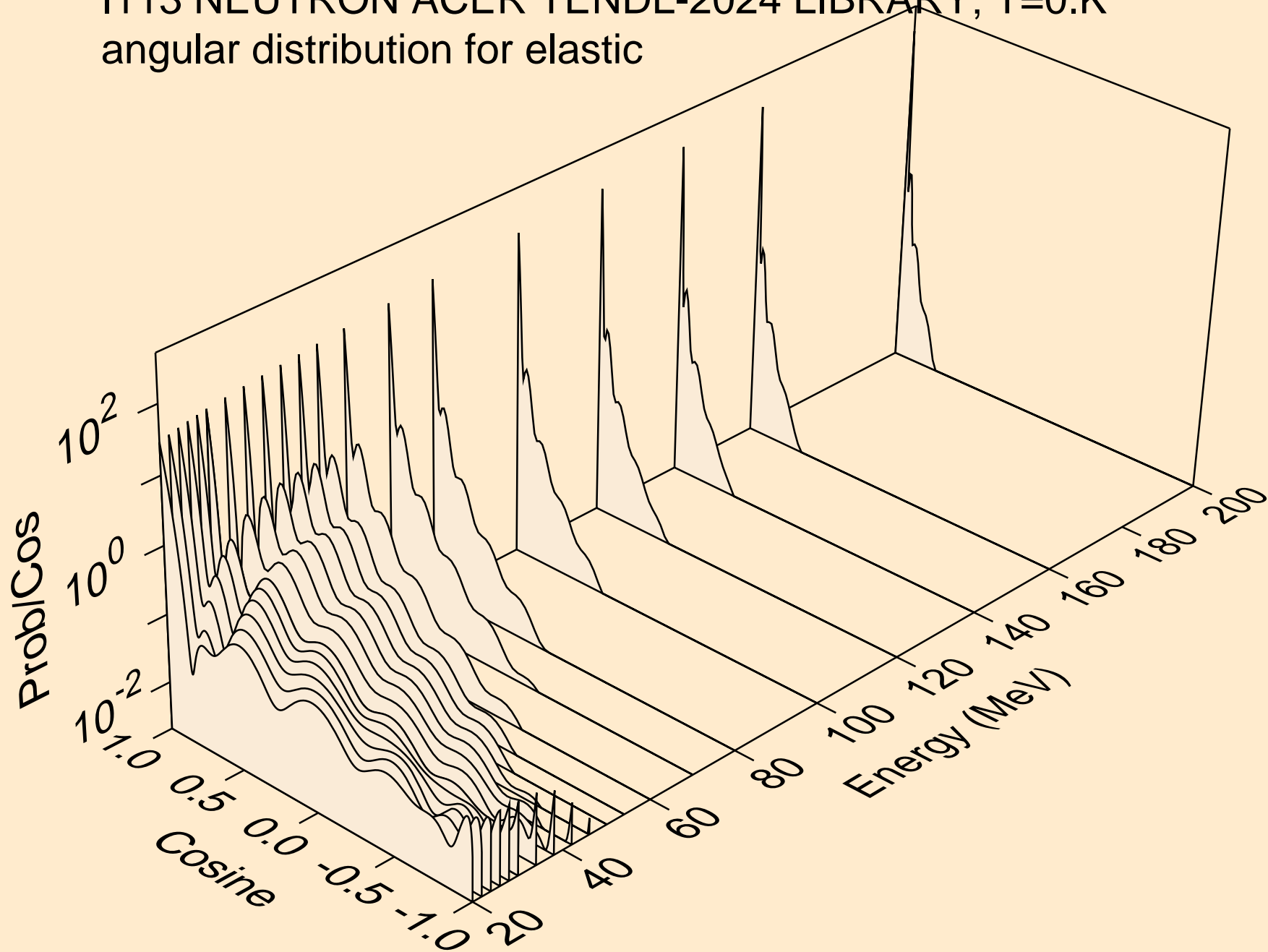
## Threshold reactions



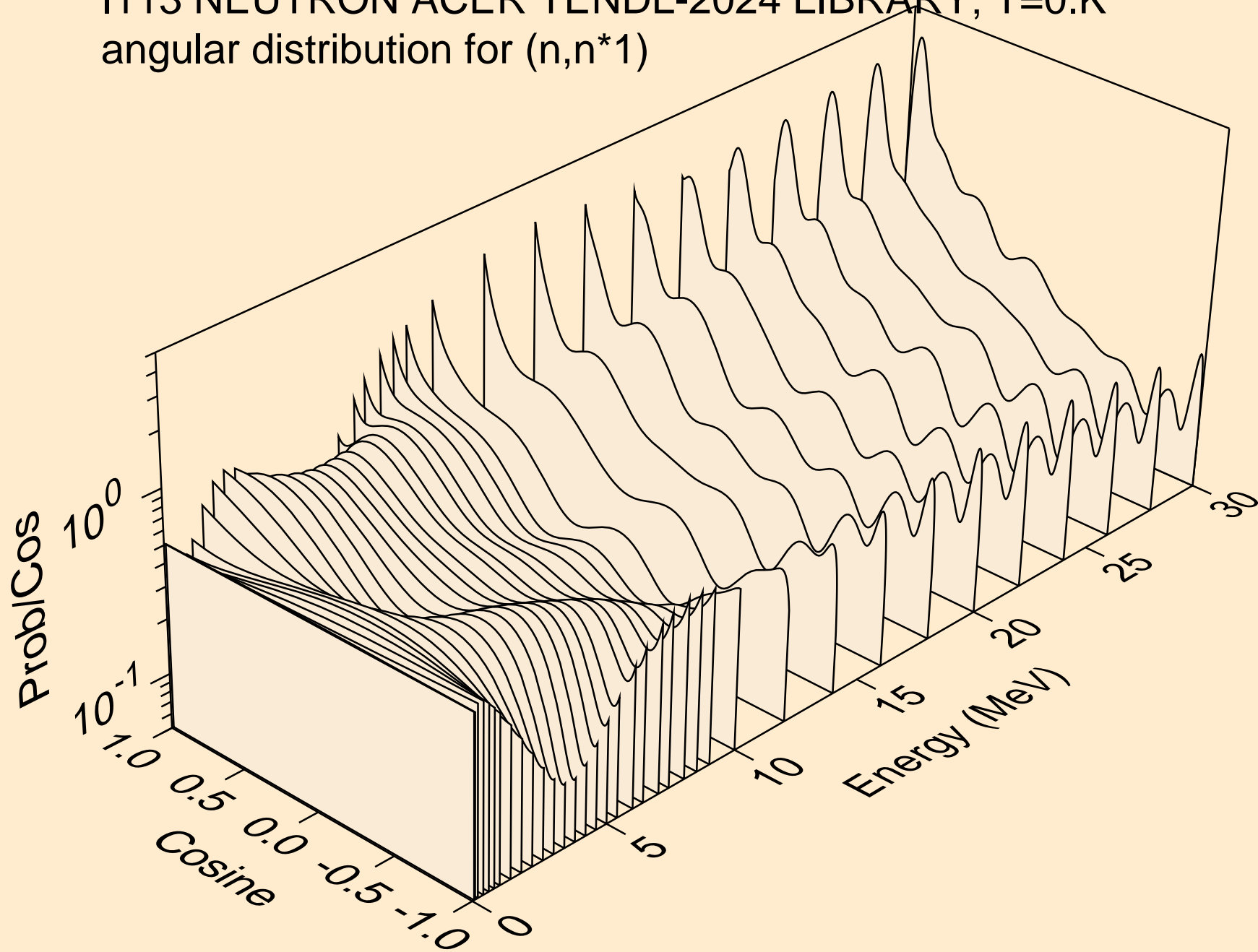
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



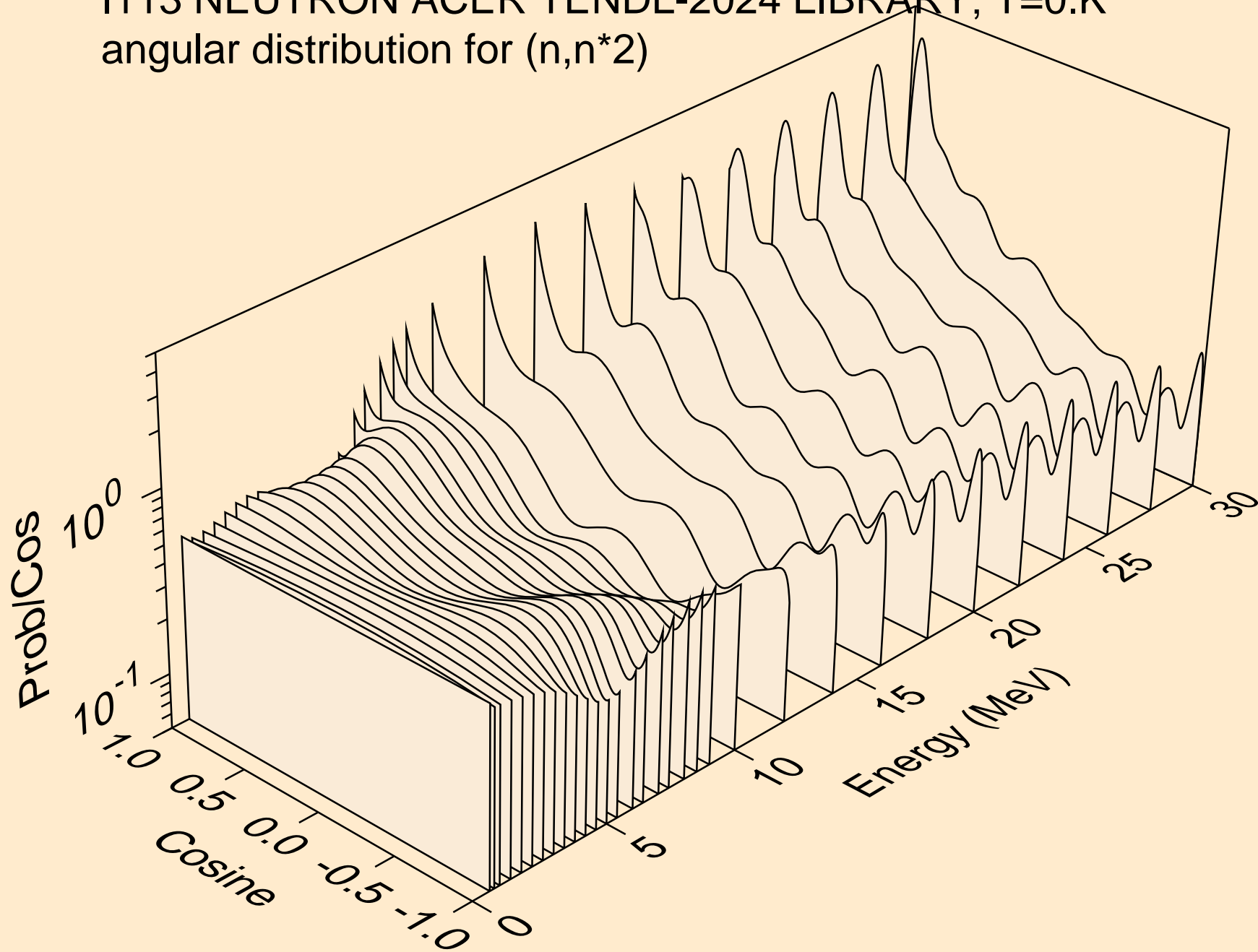
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



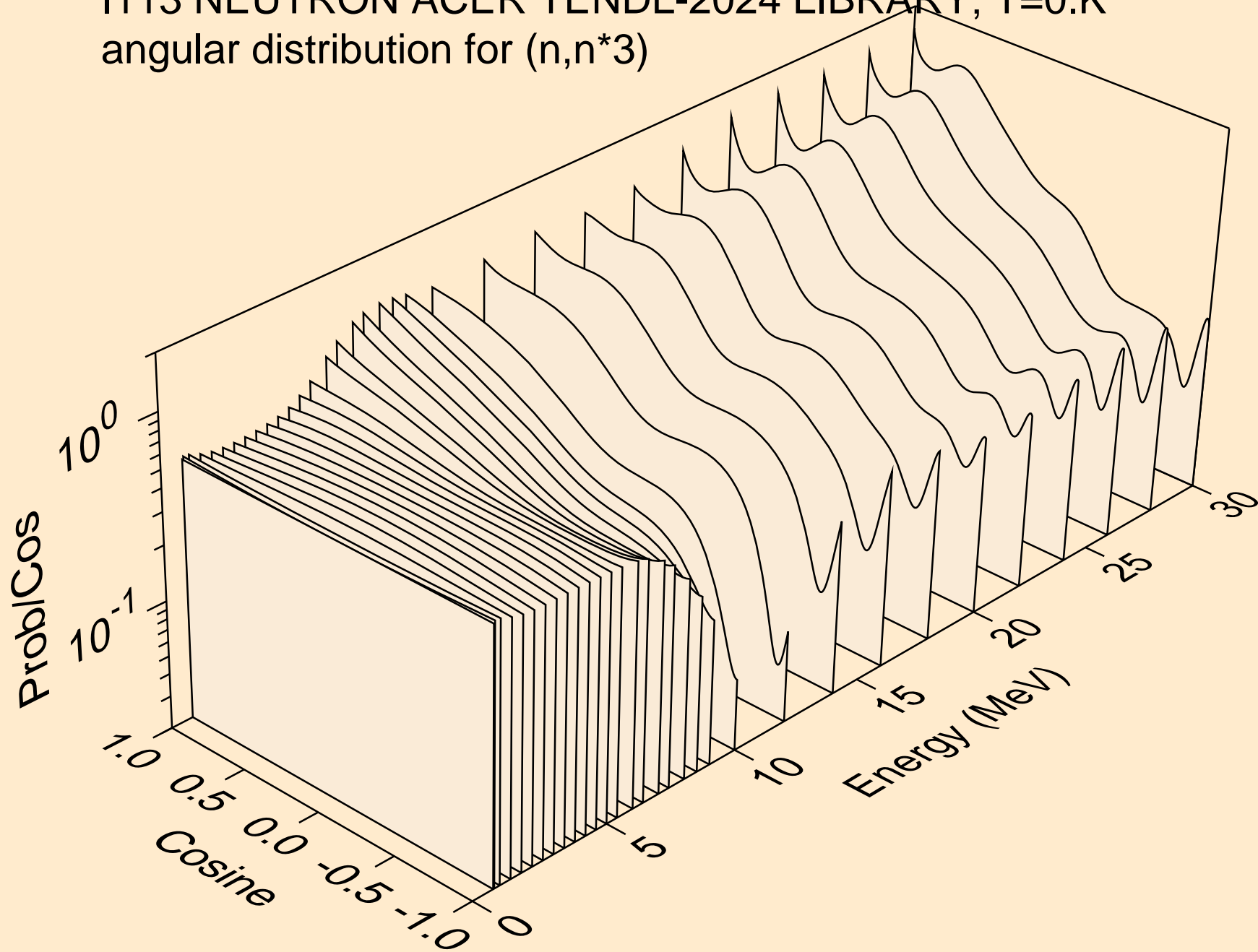
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



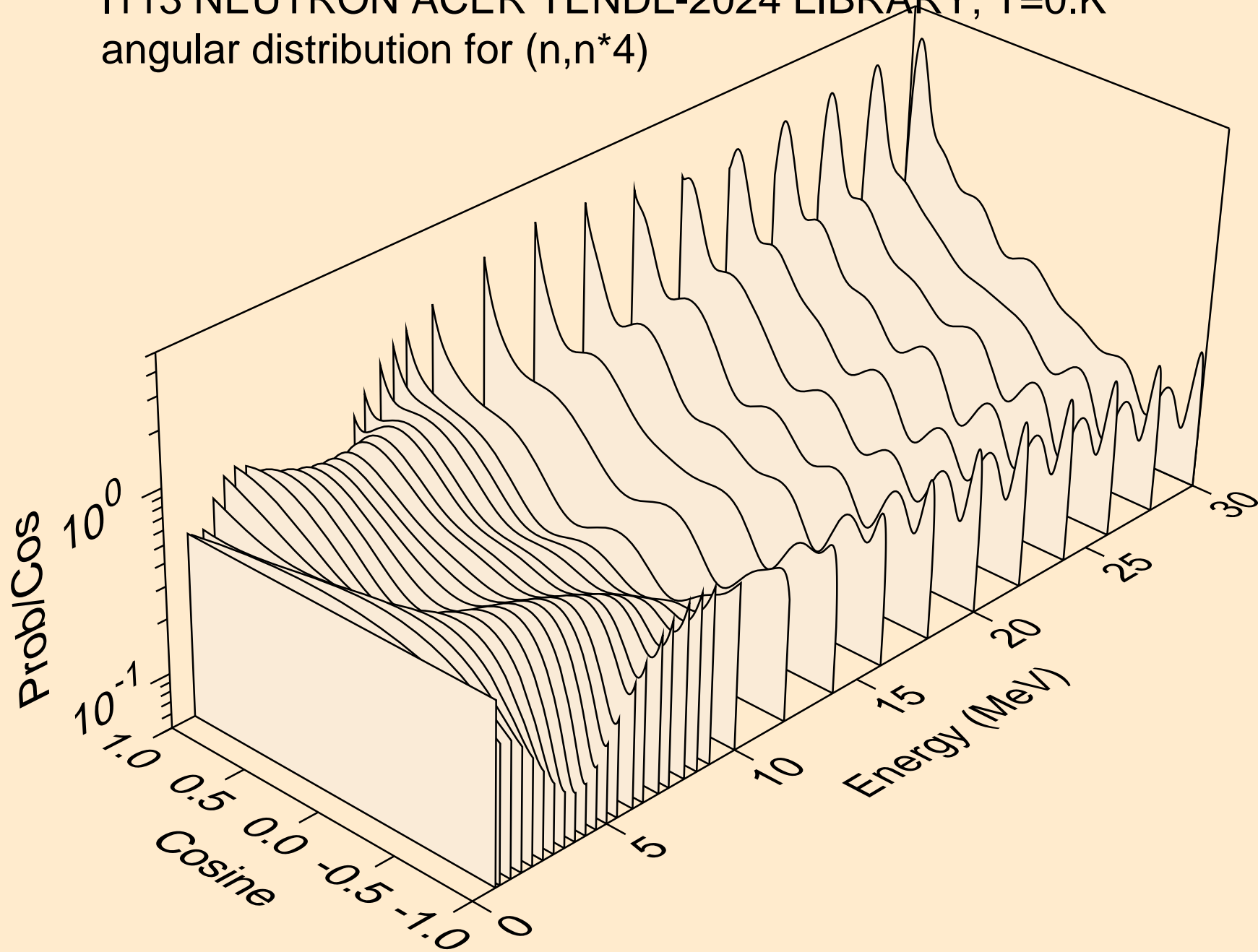
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



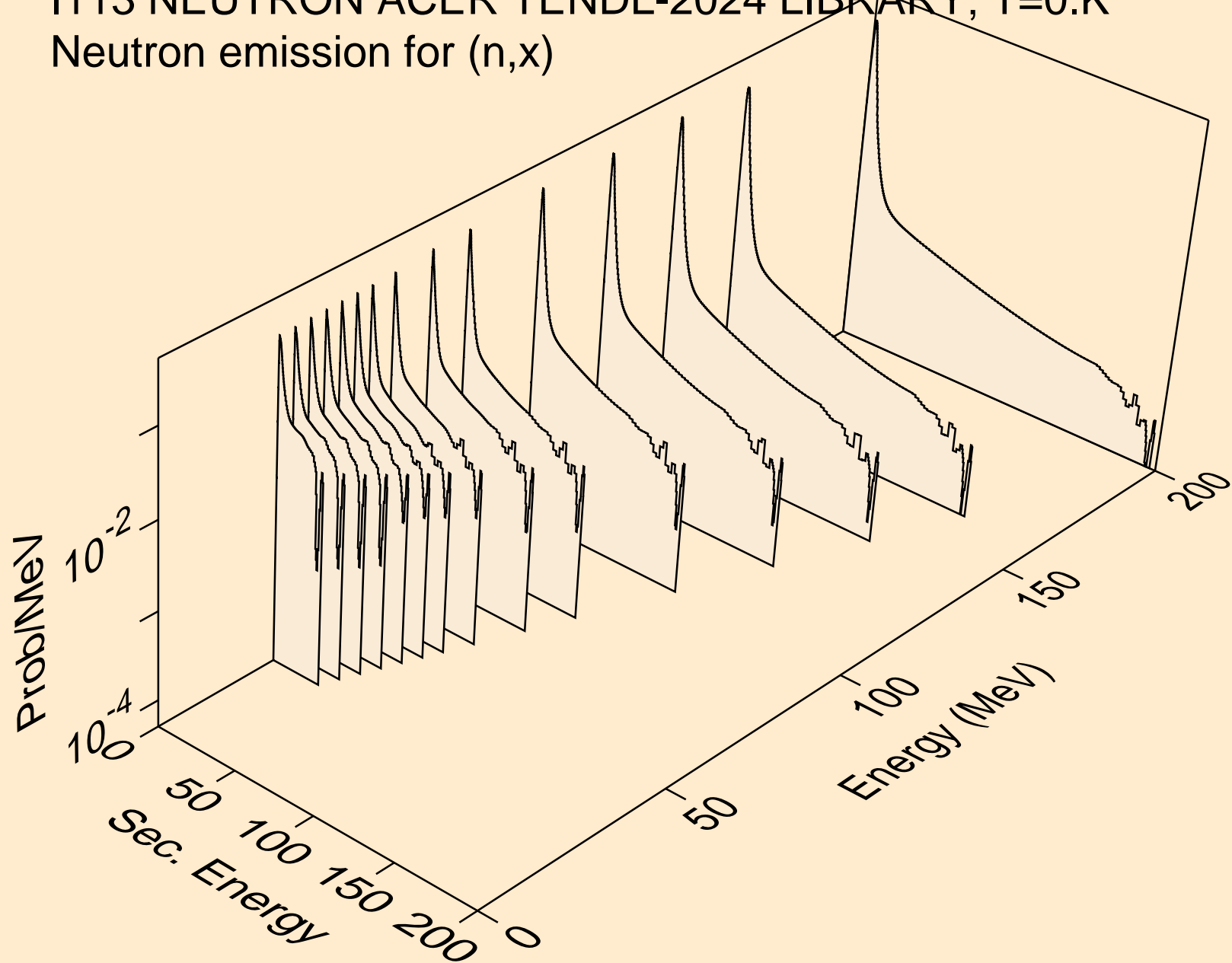
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

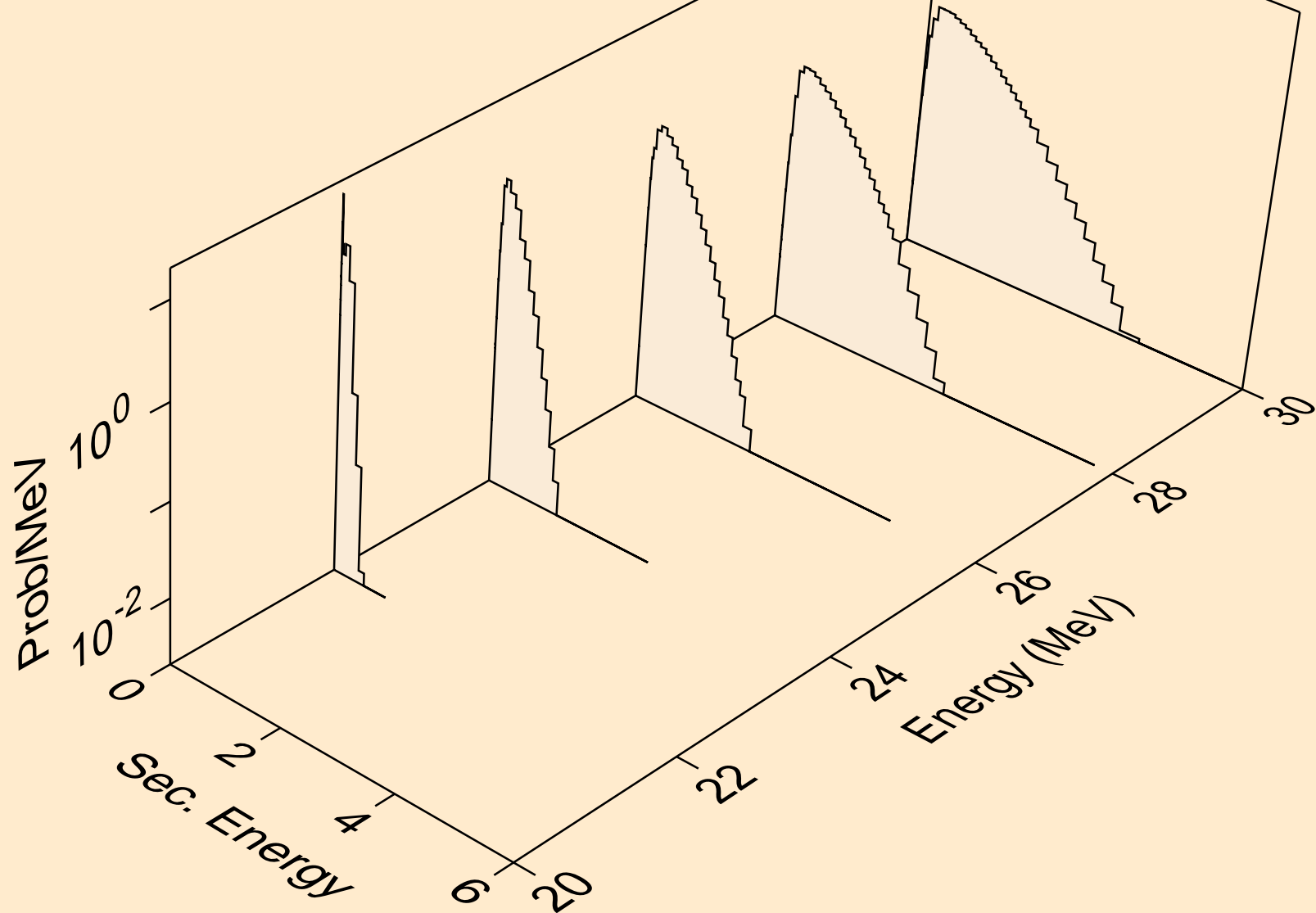


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

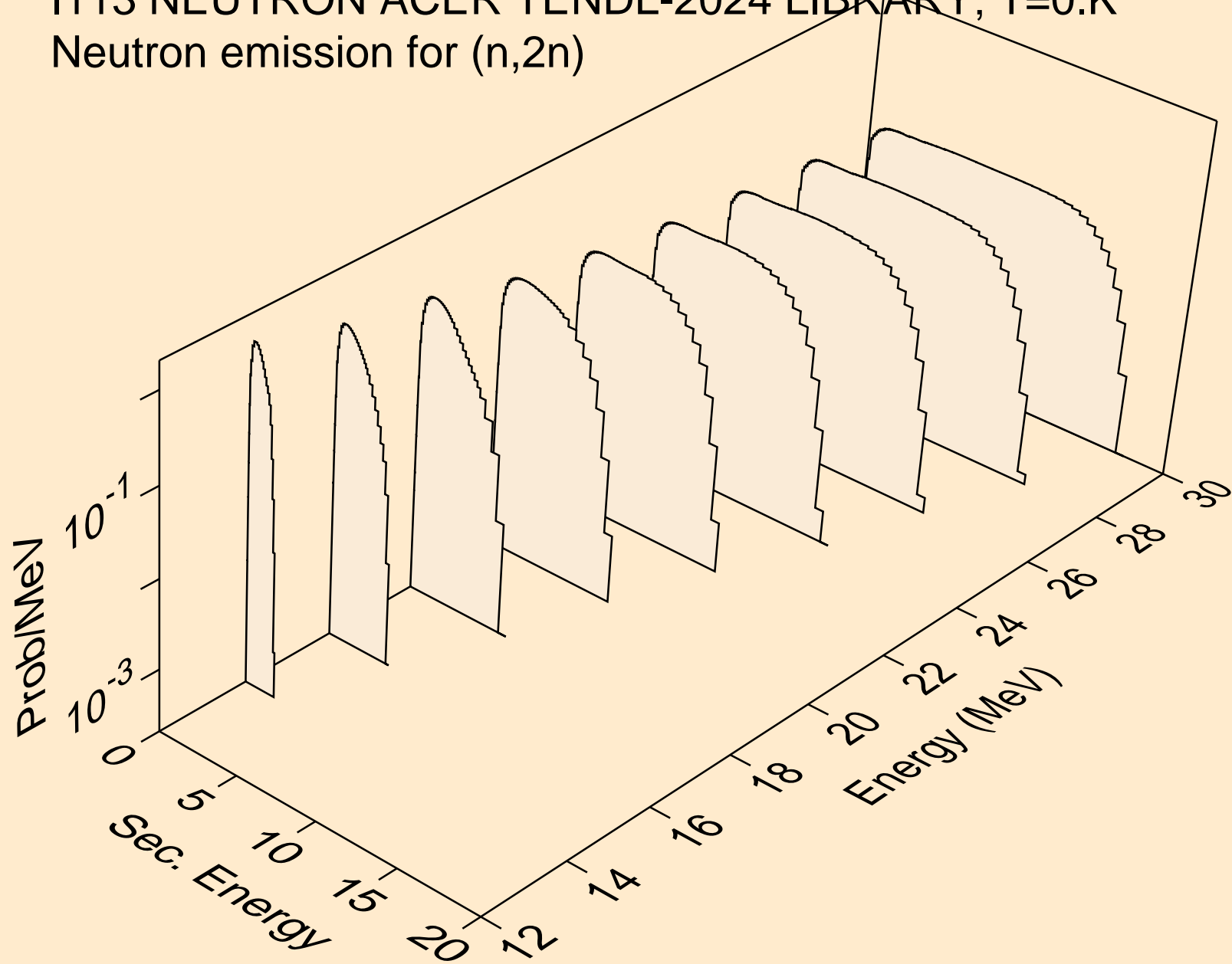




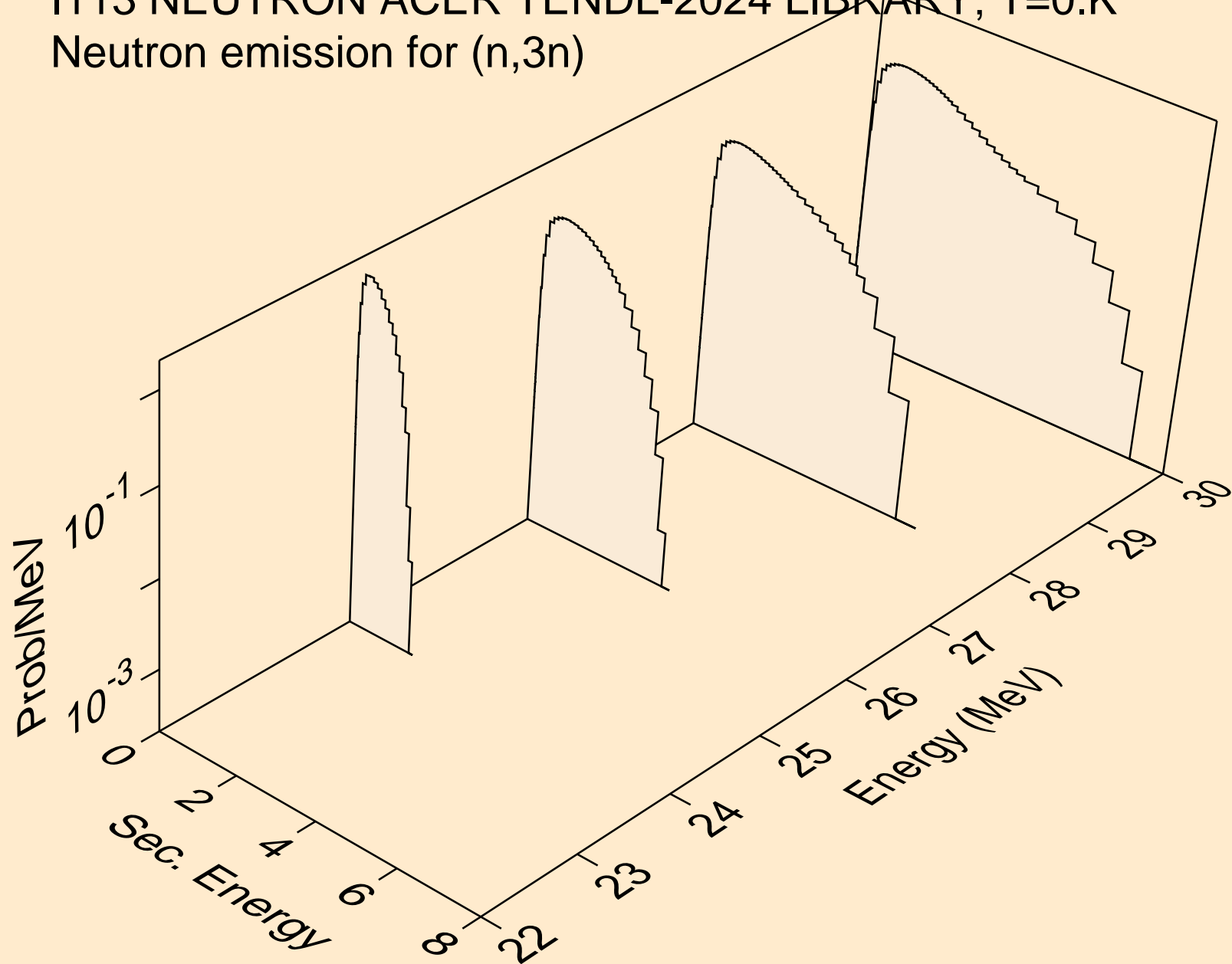
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



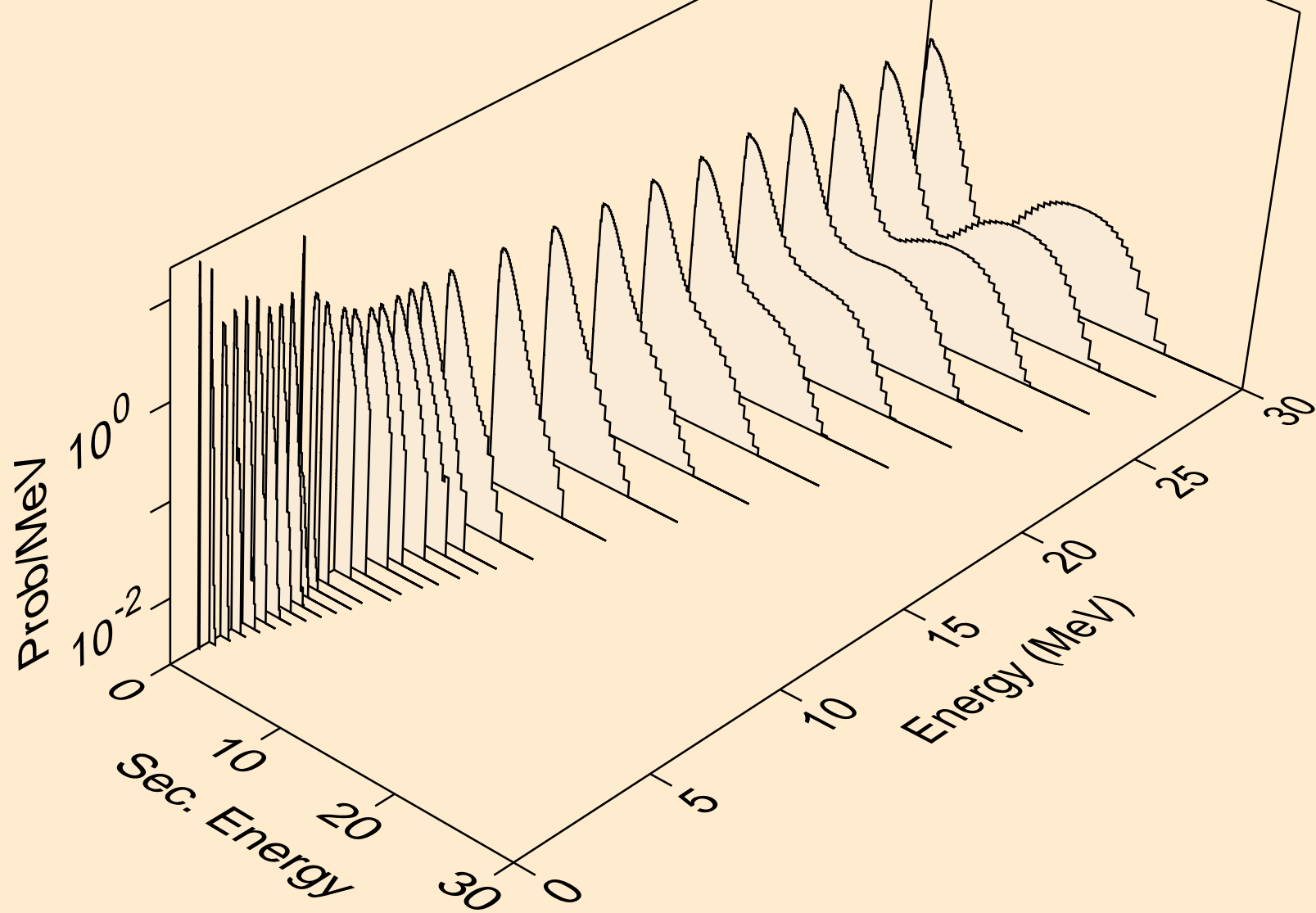
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



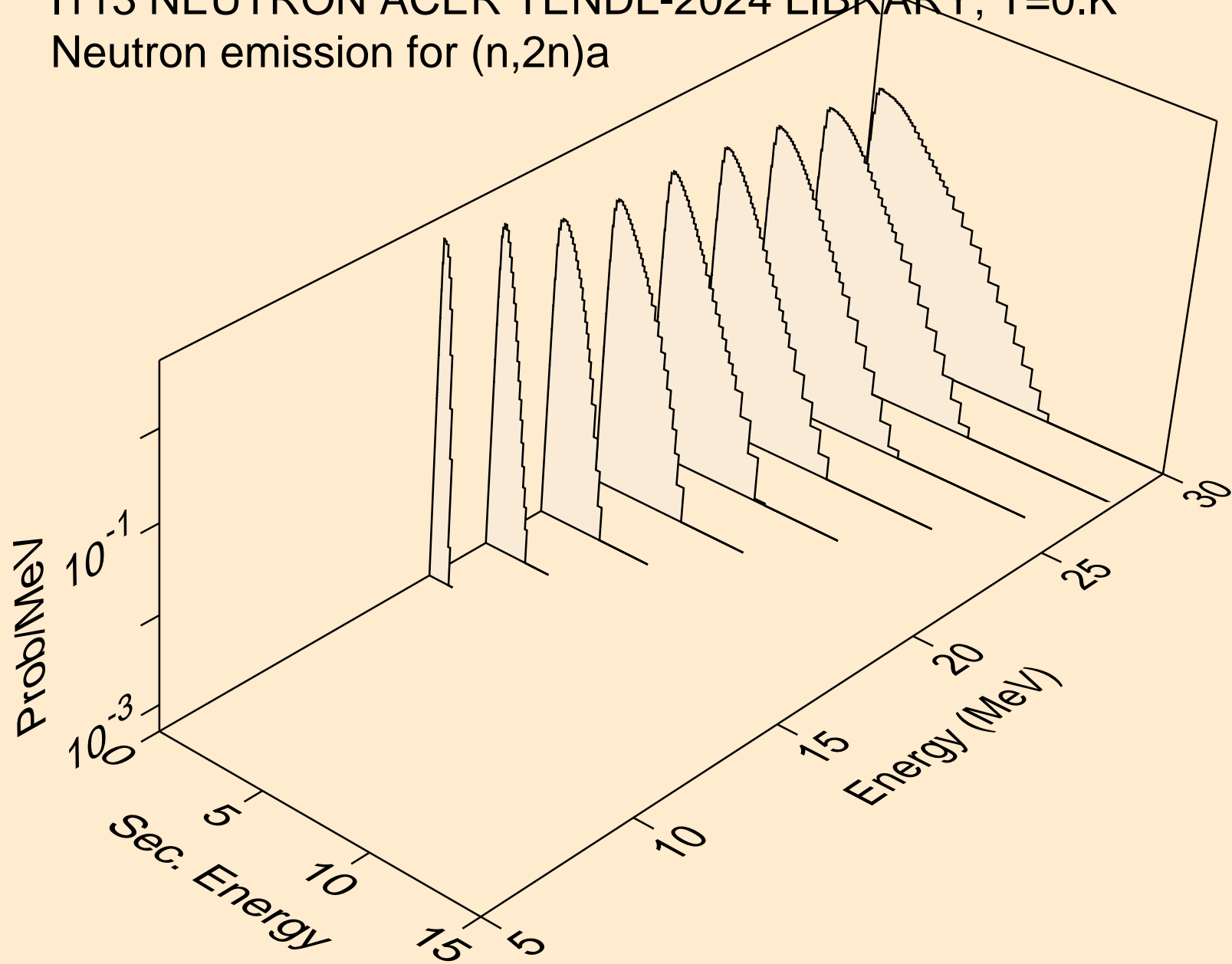
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



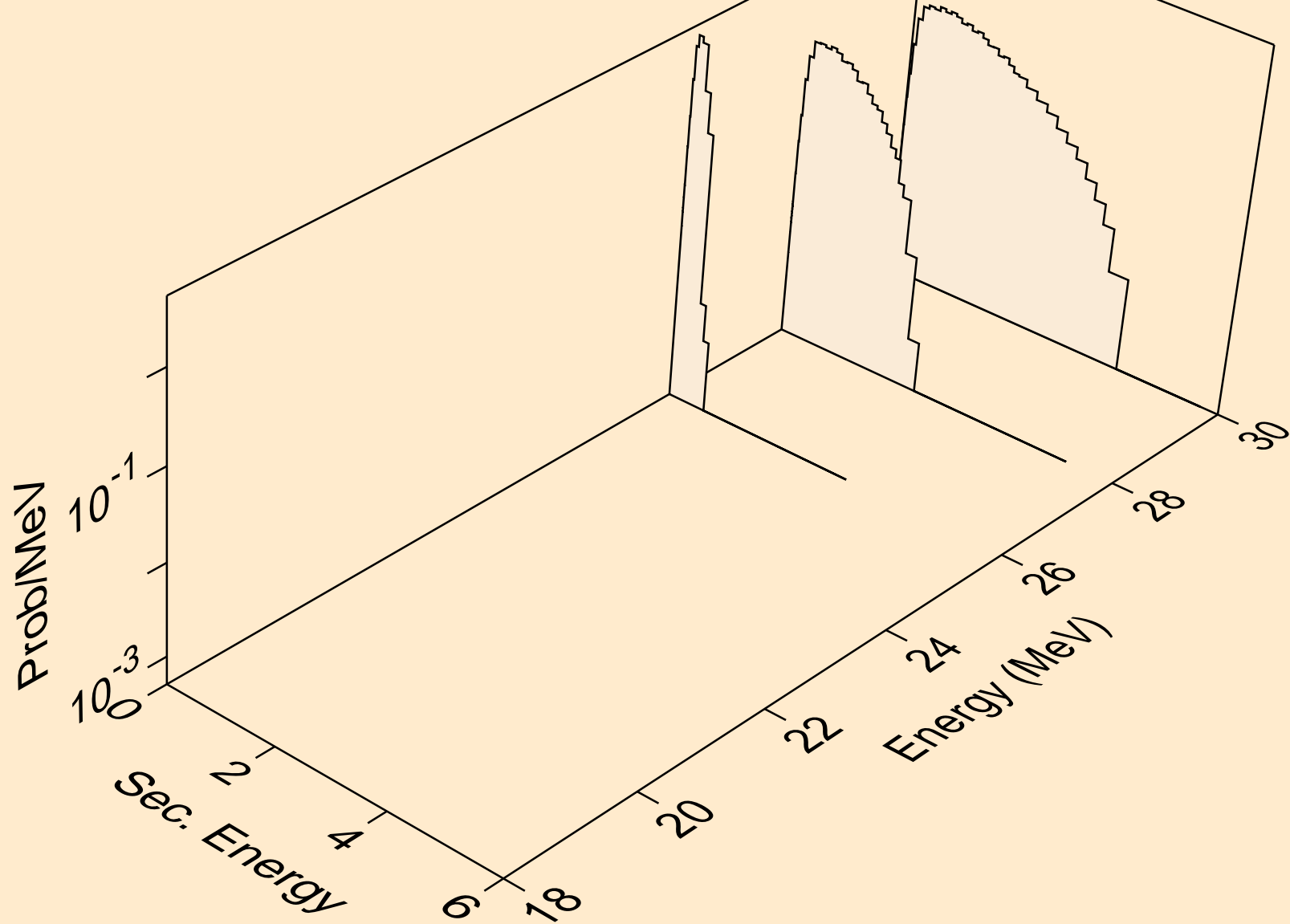
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



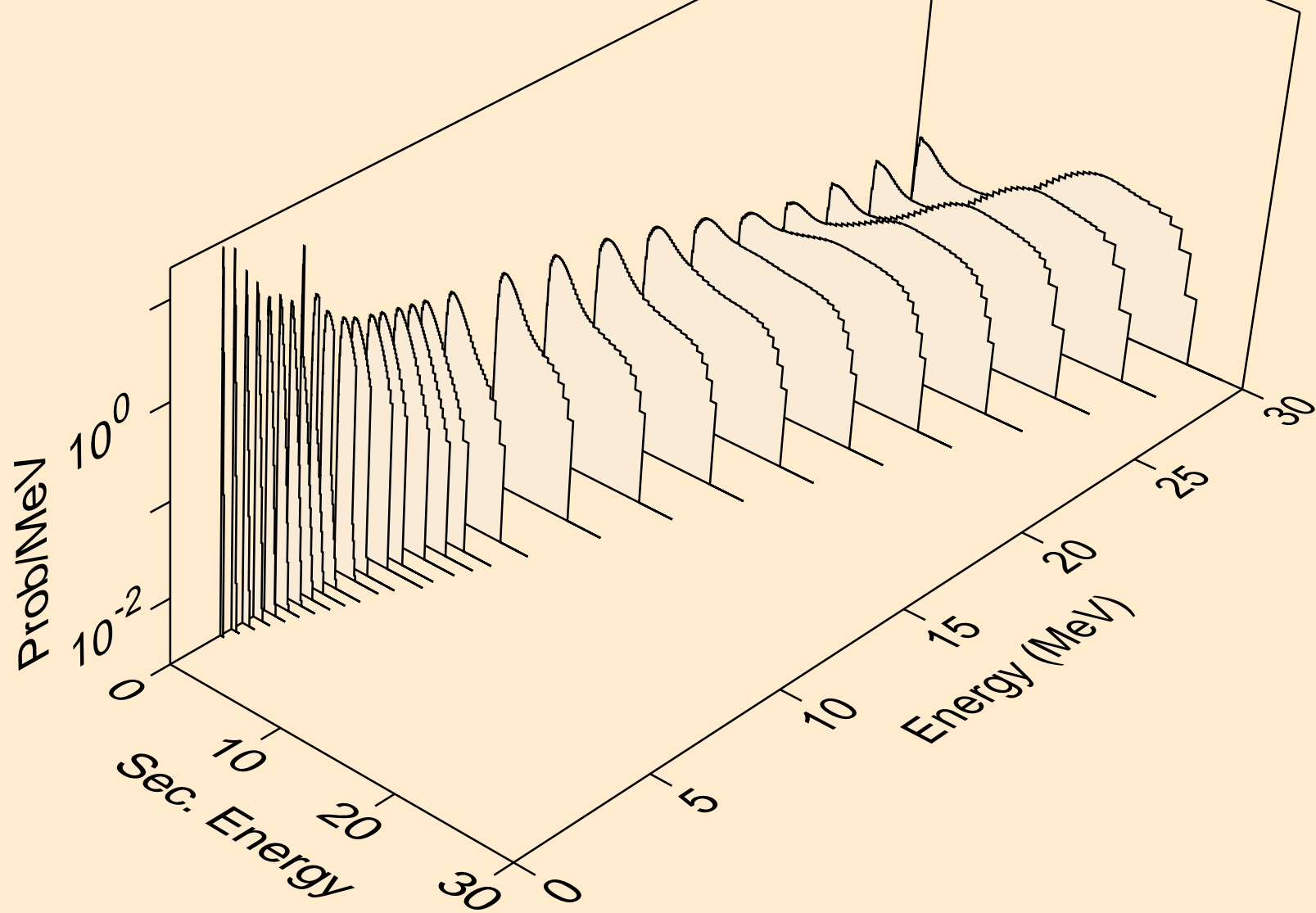
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



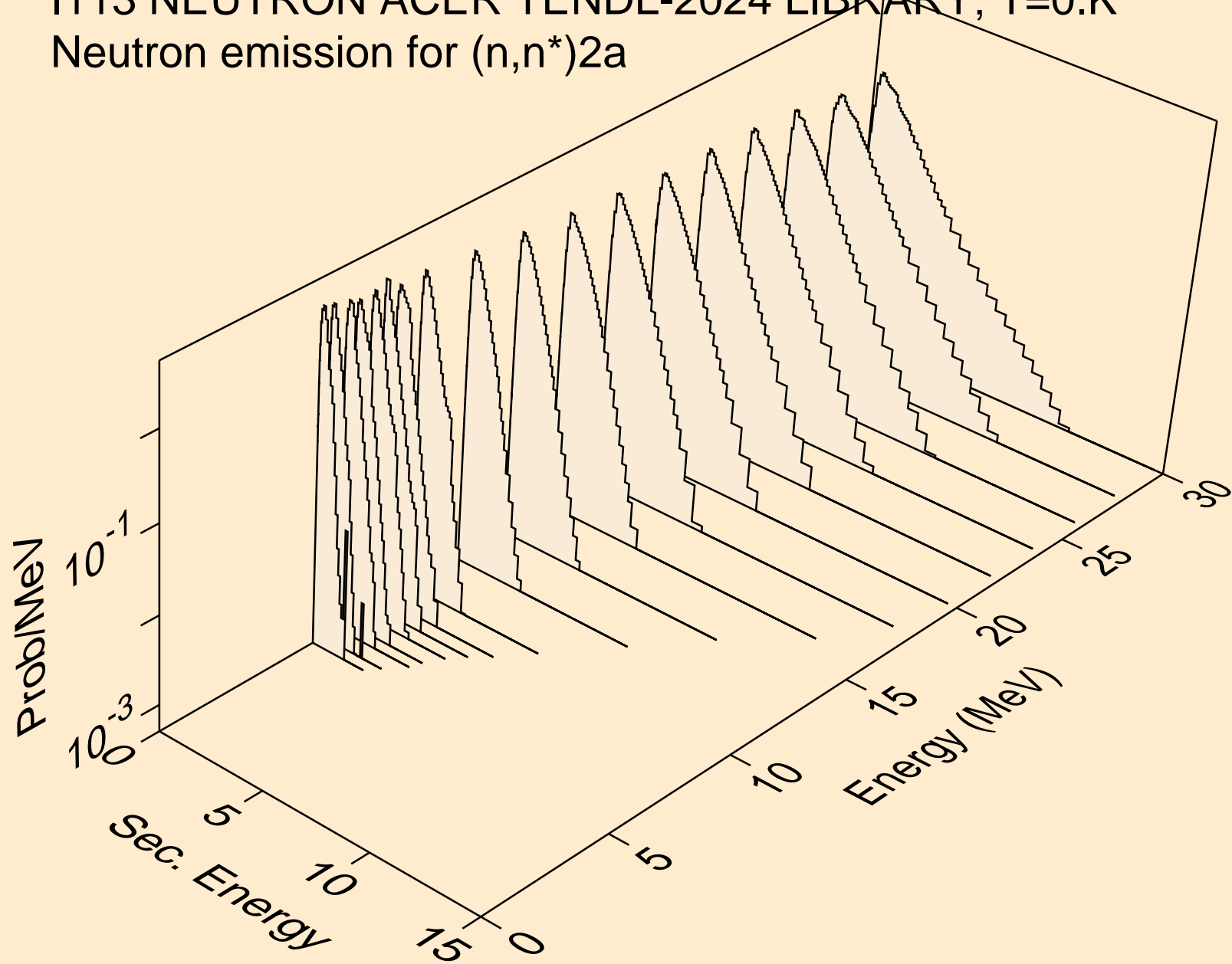
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

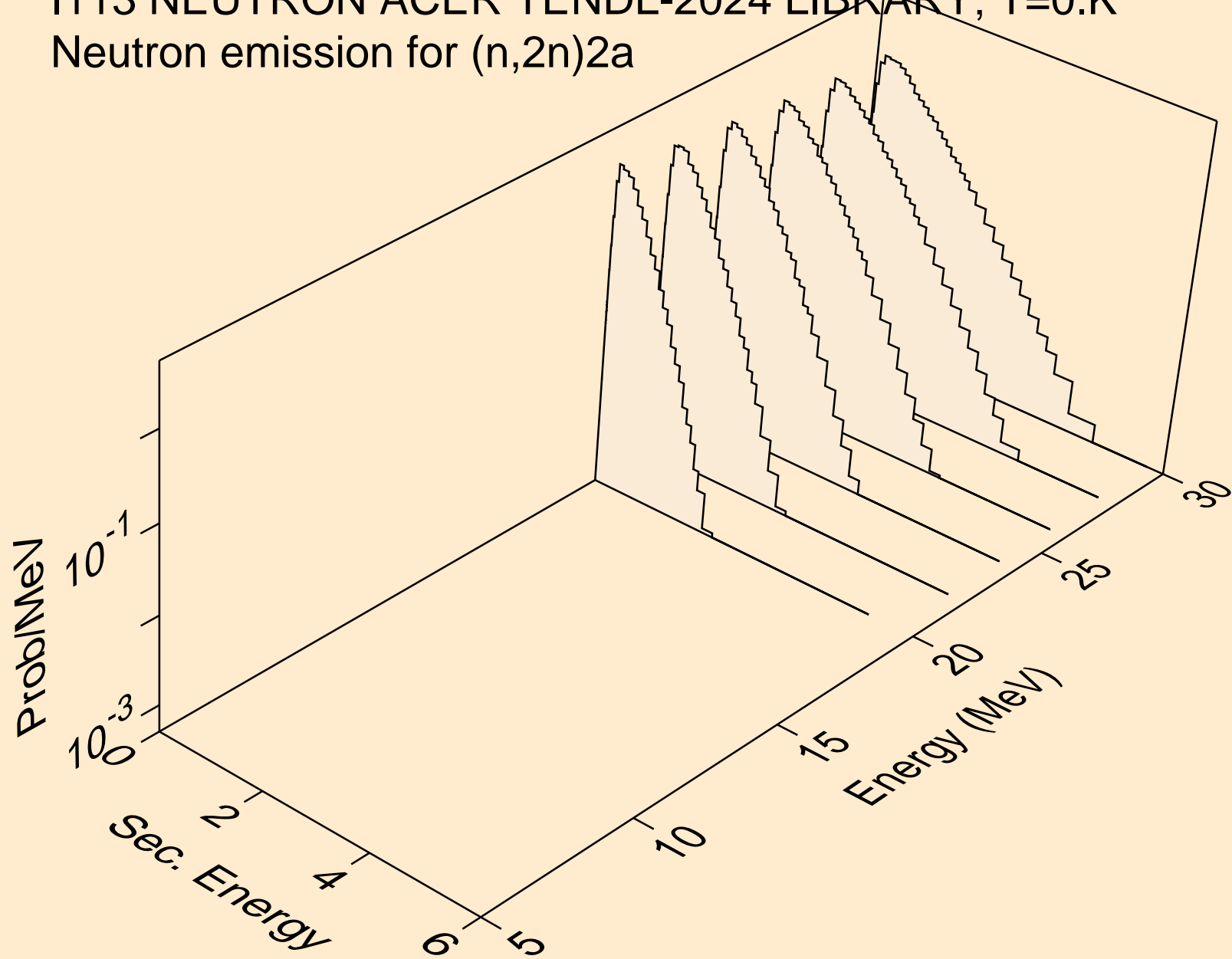


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

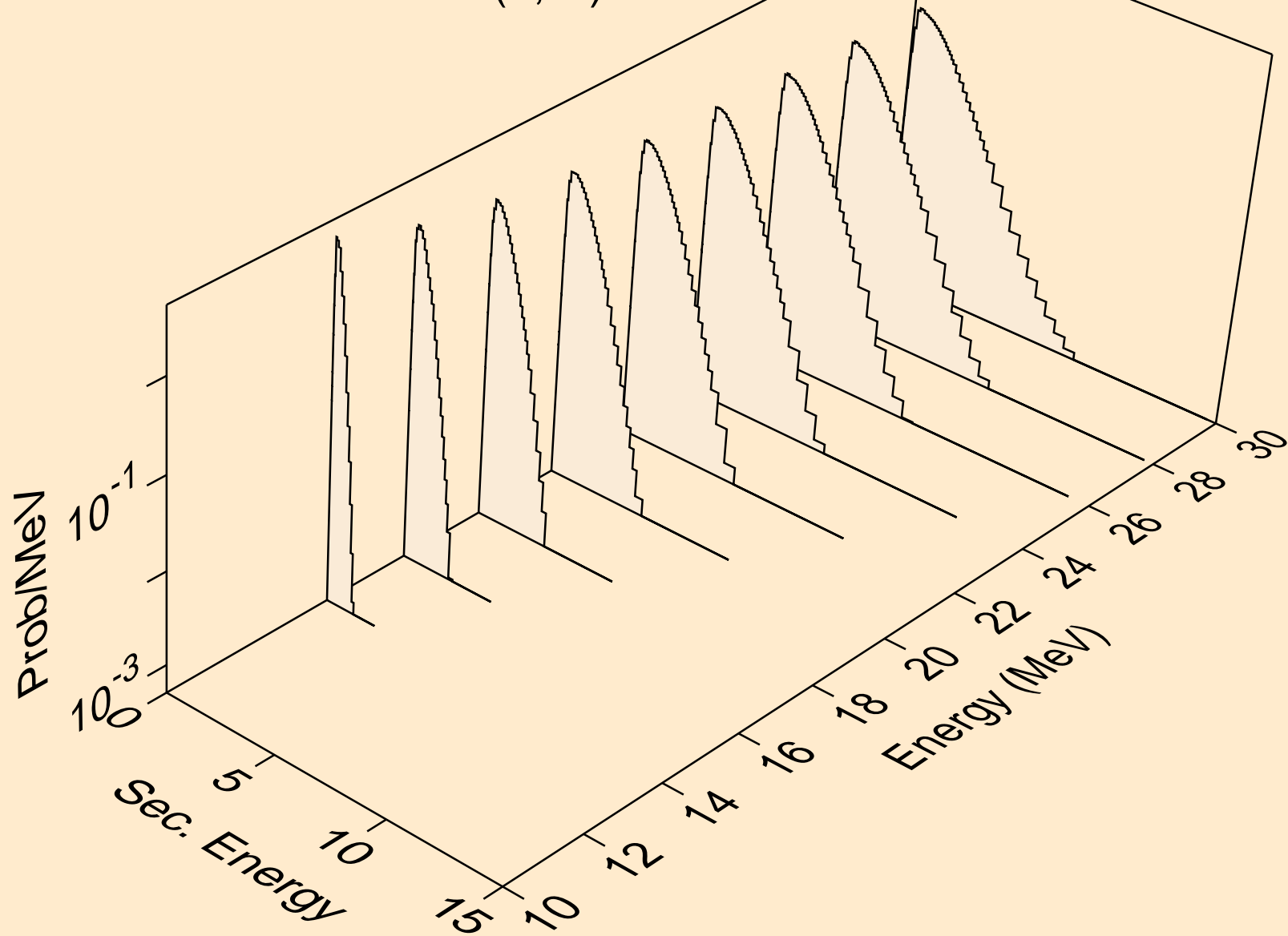




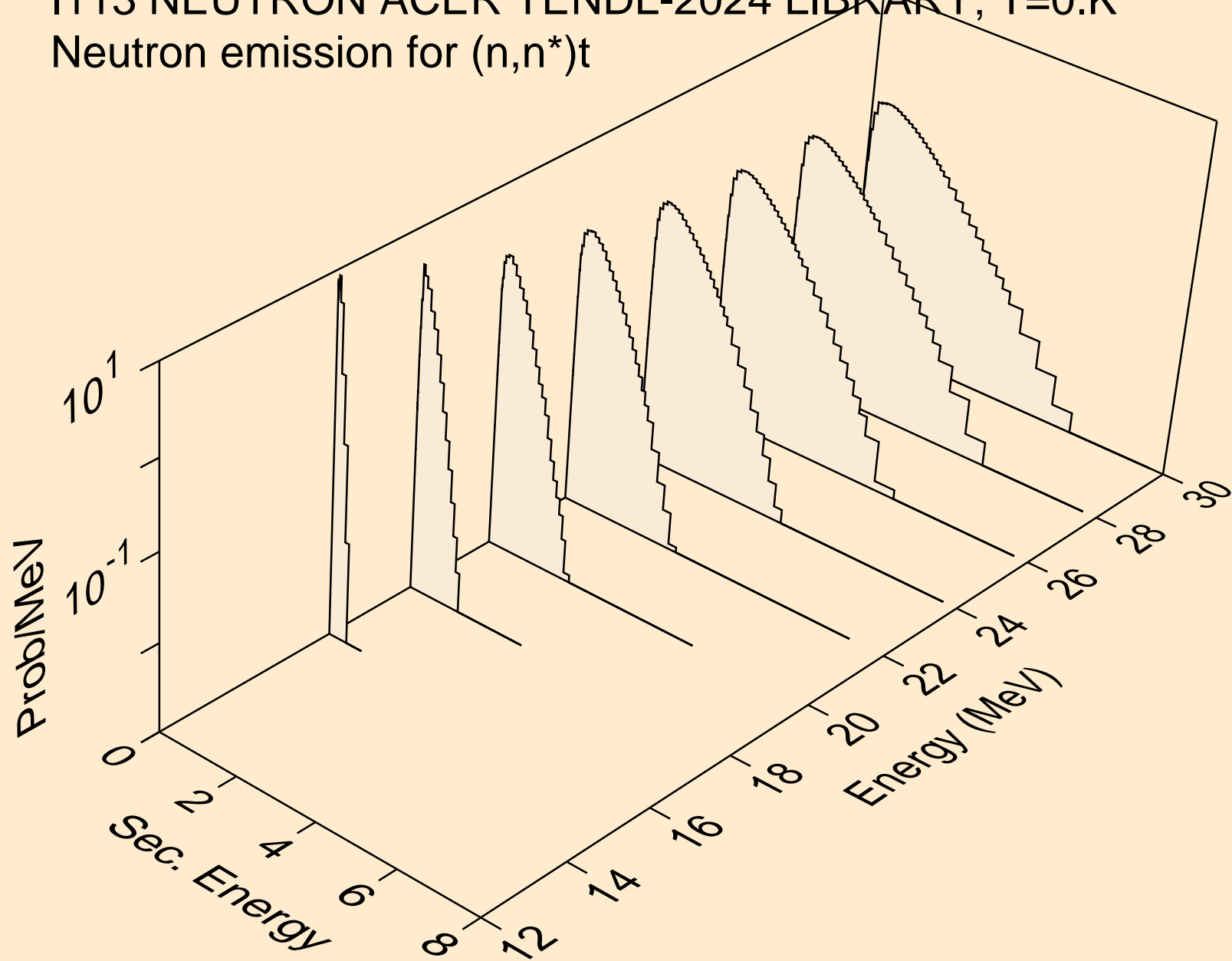
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



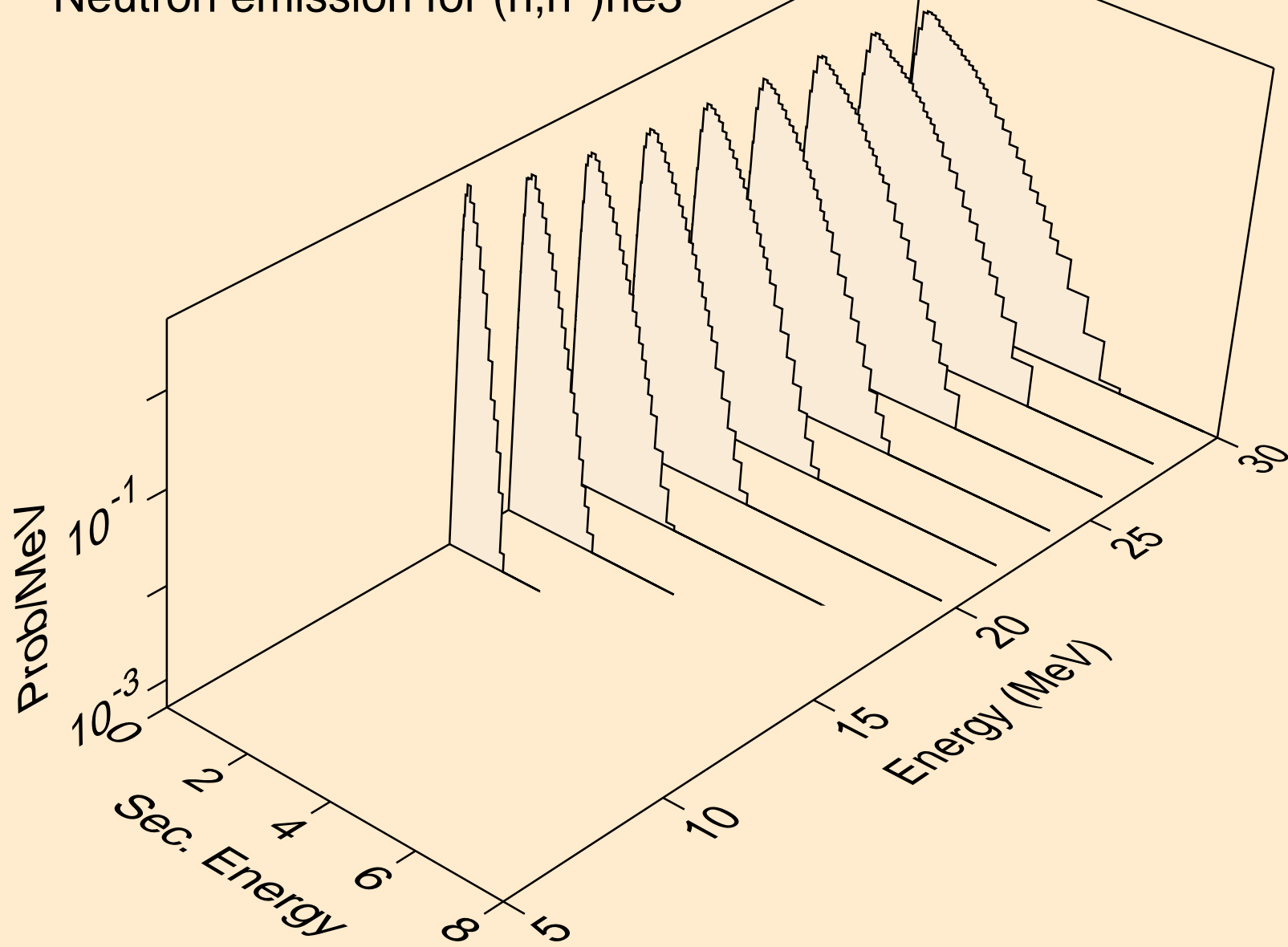
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



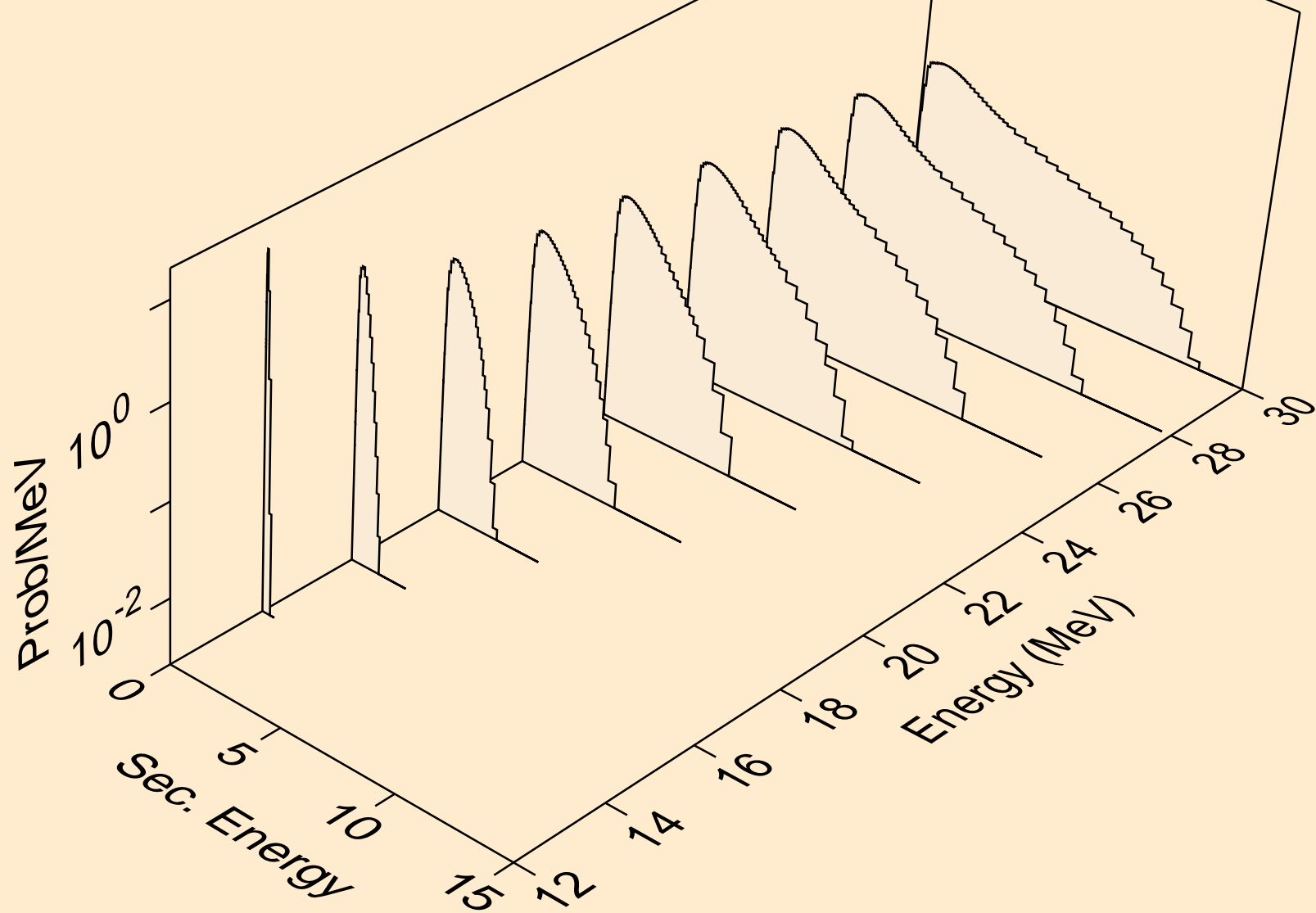
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



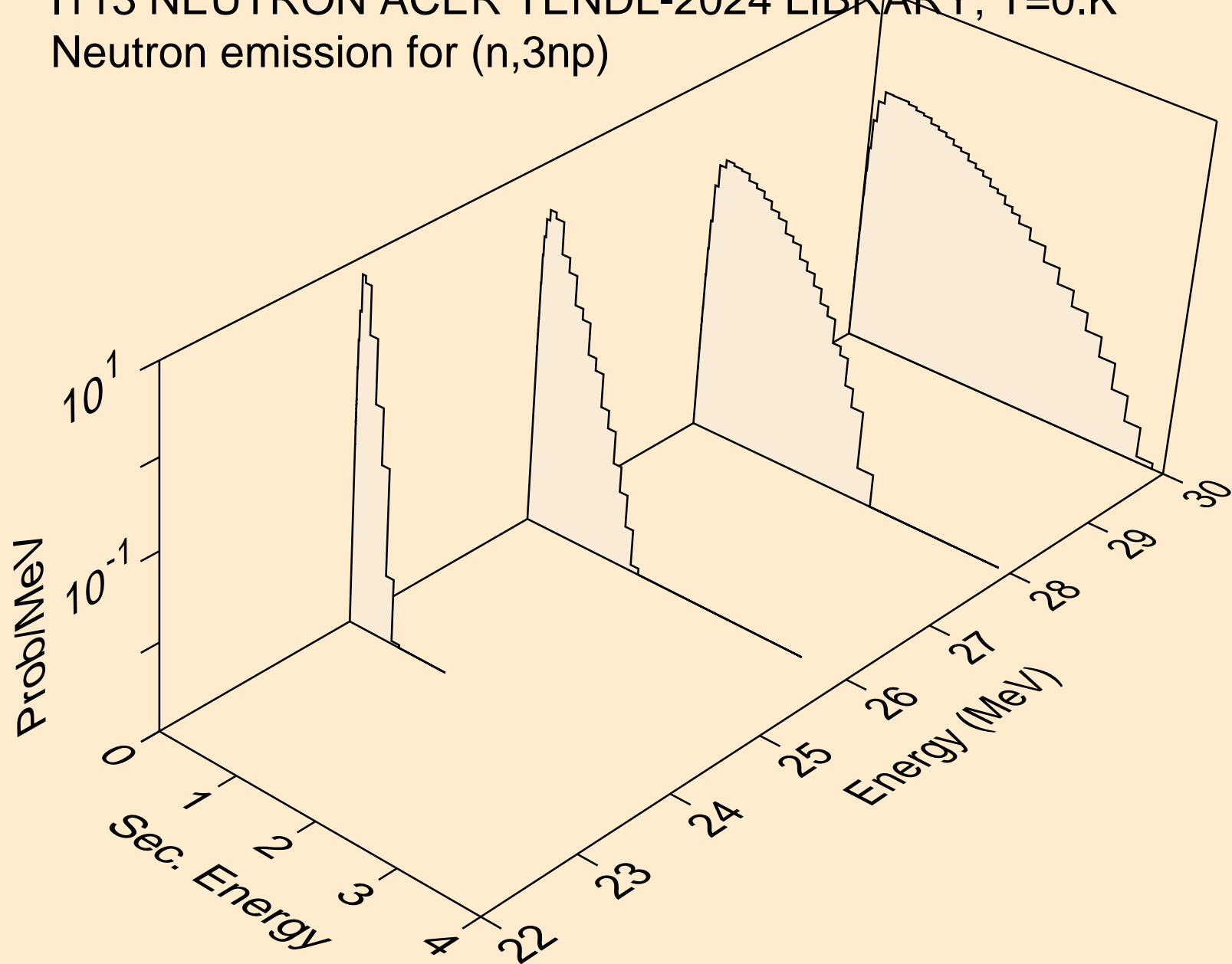
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



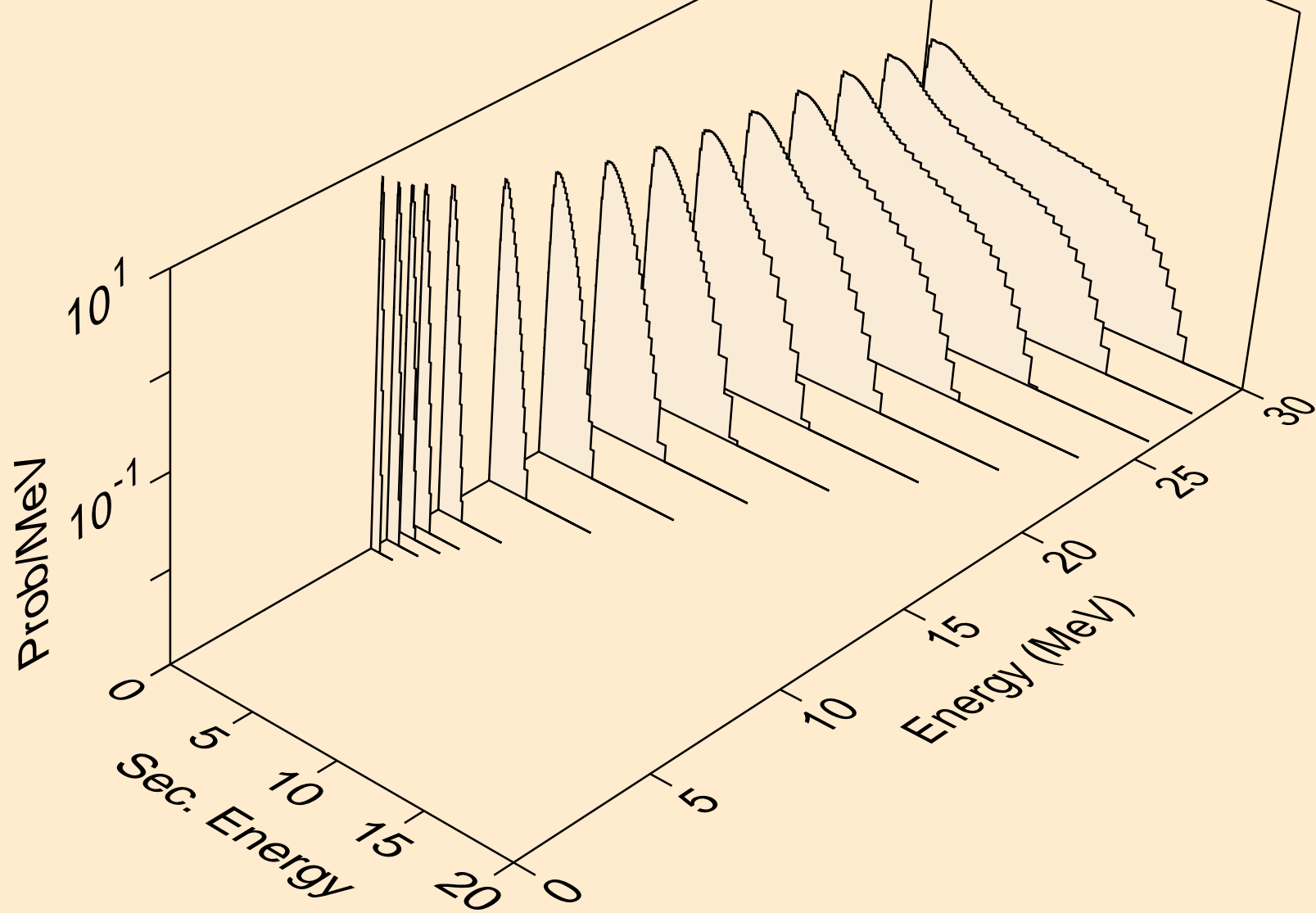
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



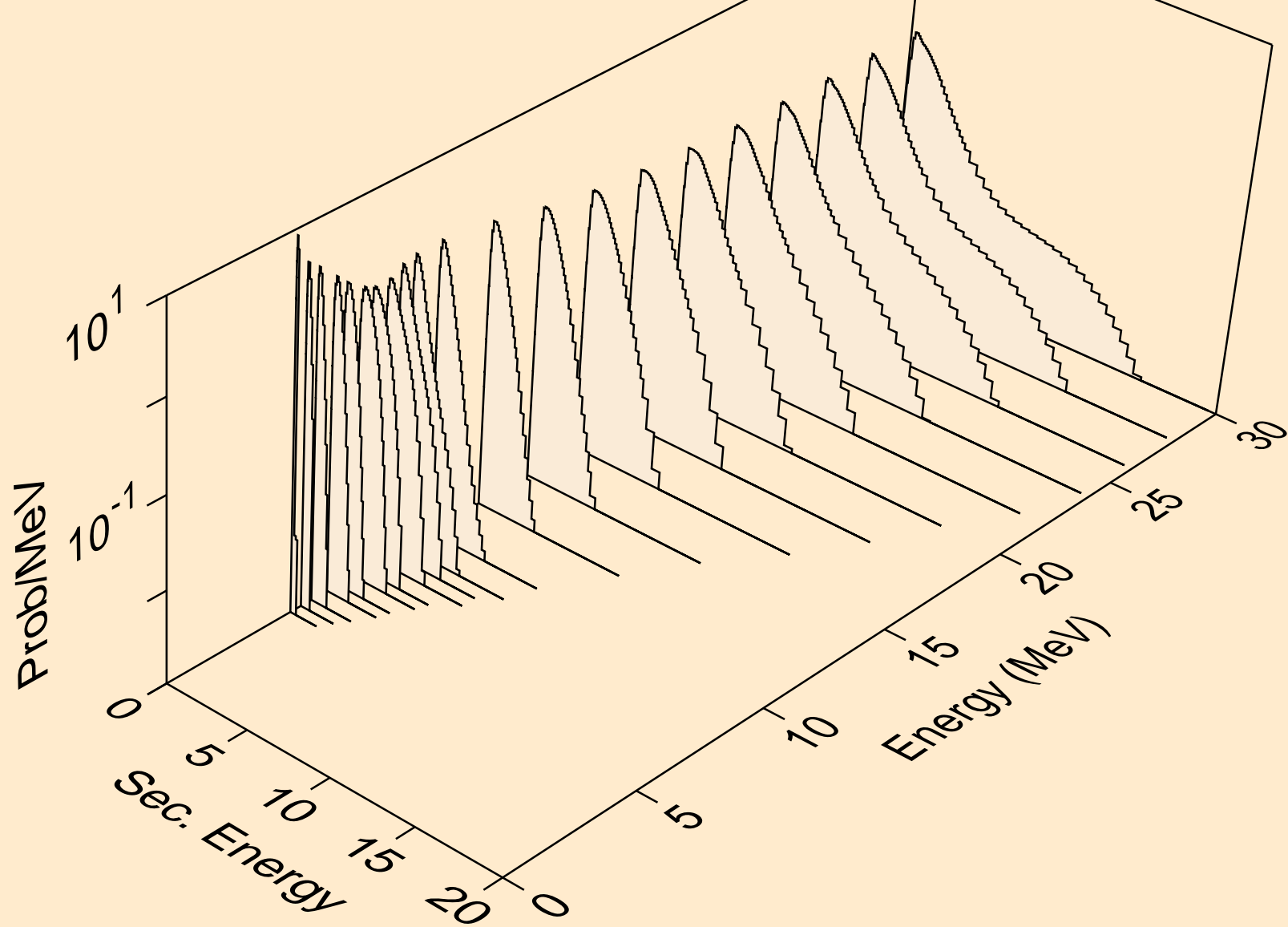
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

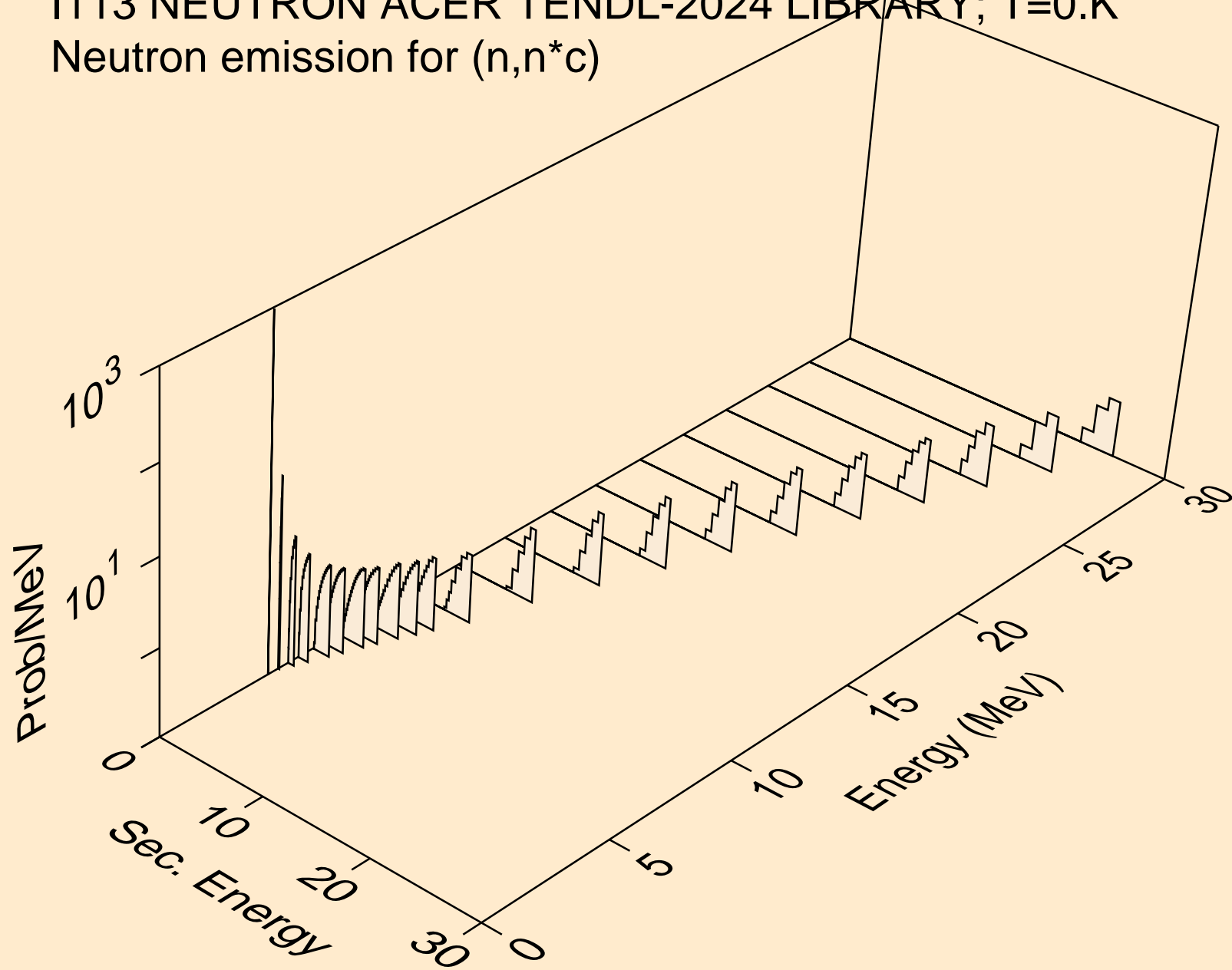


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

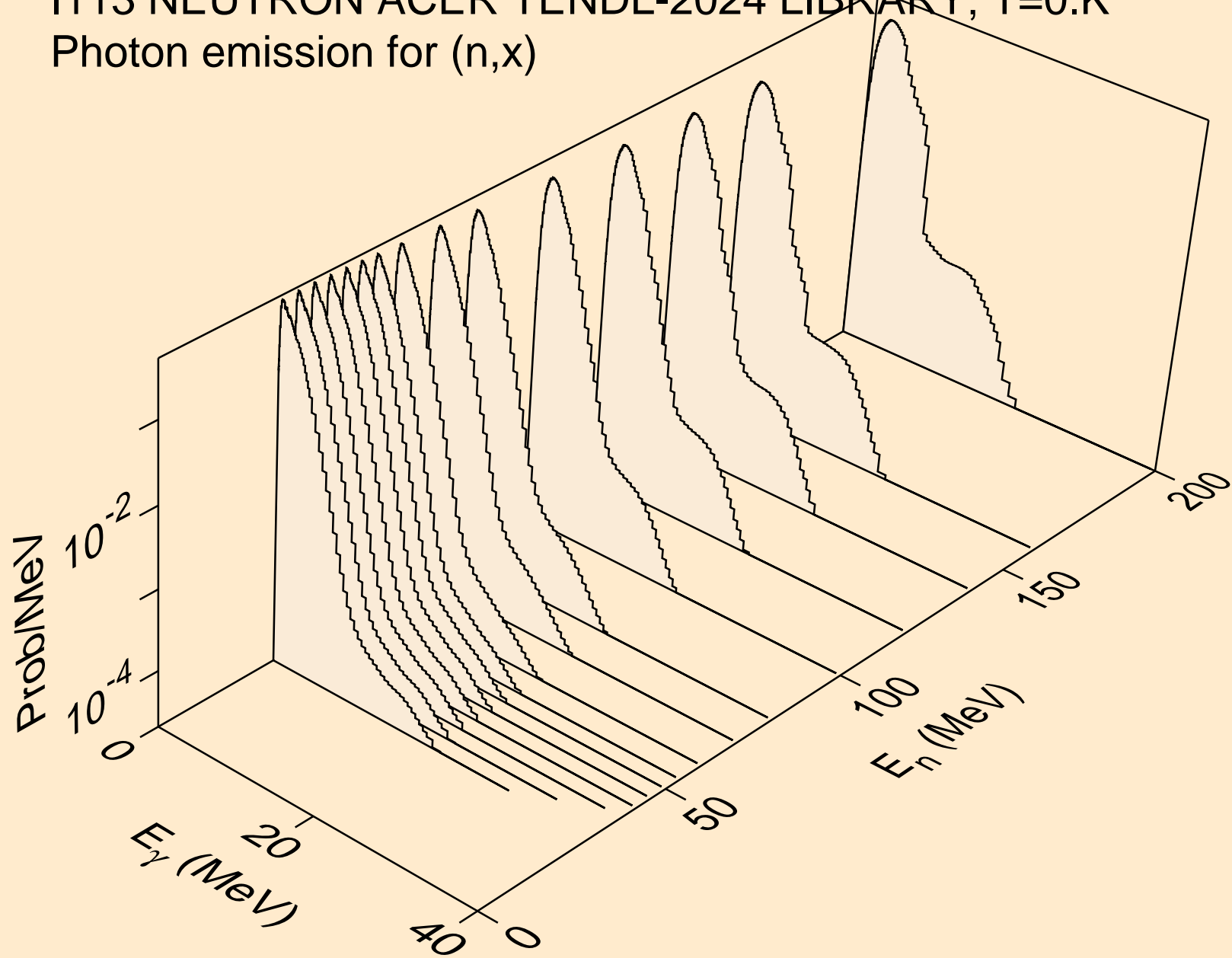




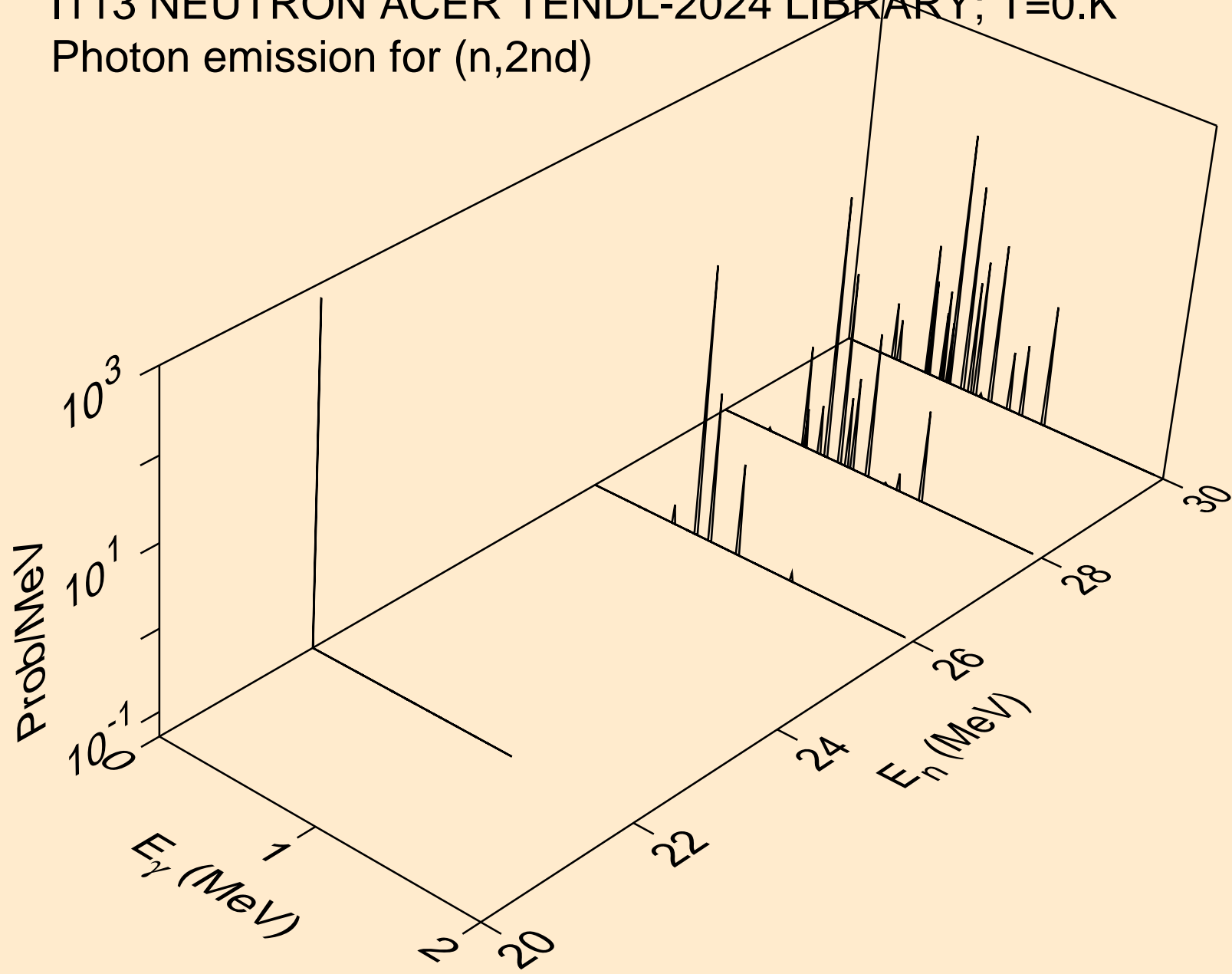
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



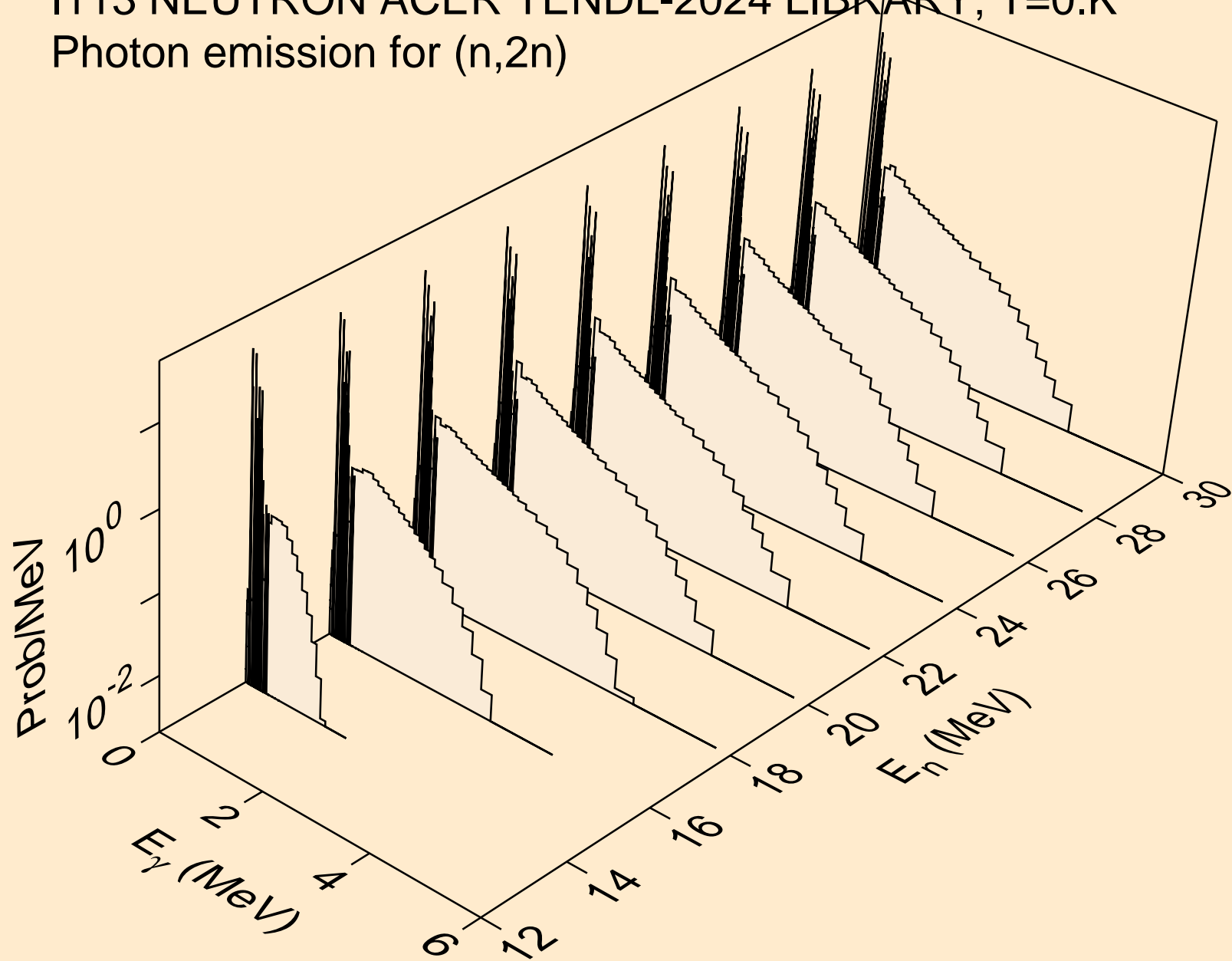
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



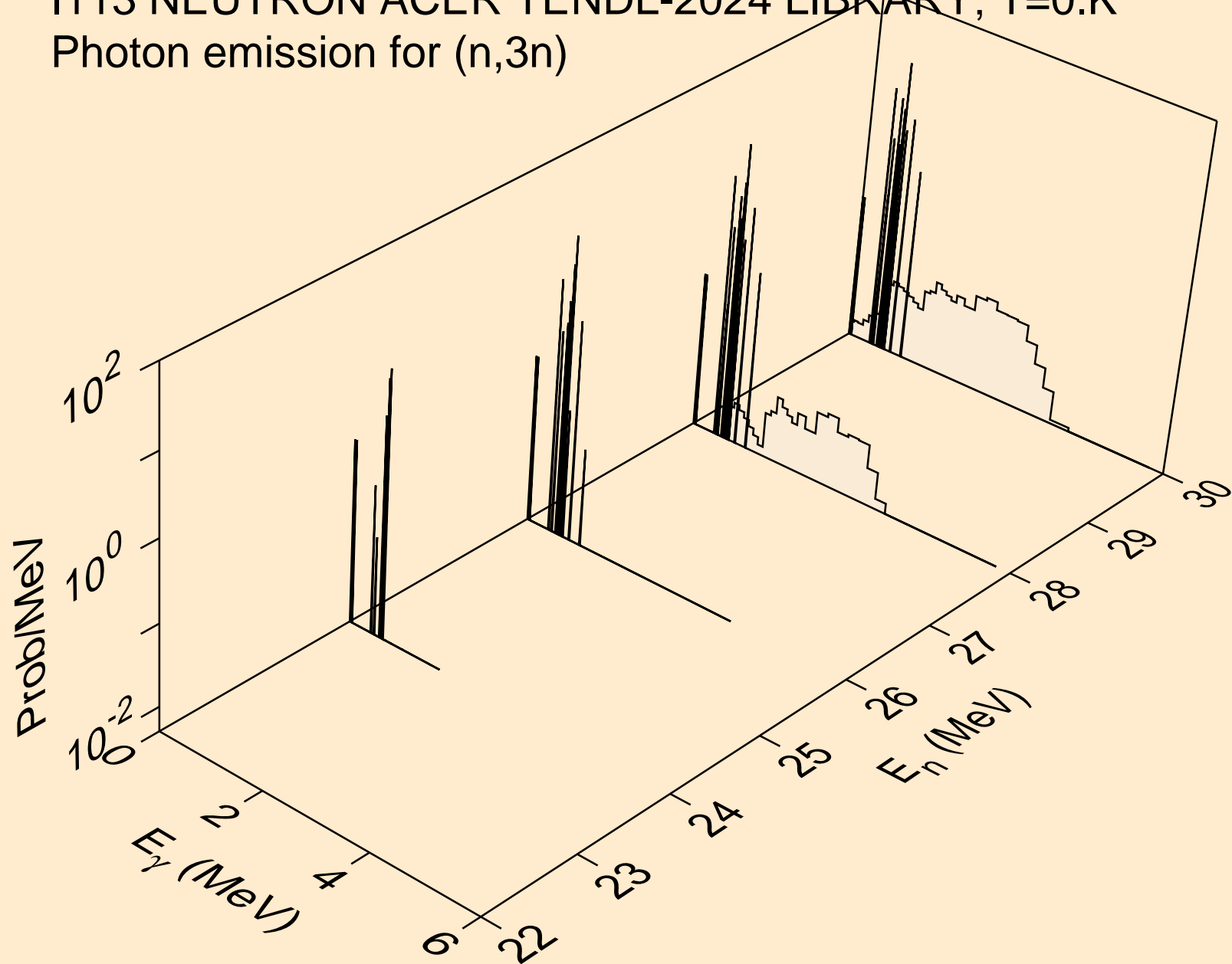
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Photon emission for (n,2nd)



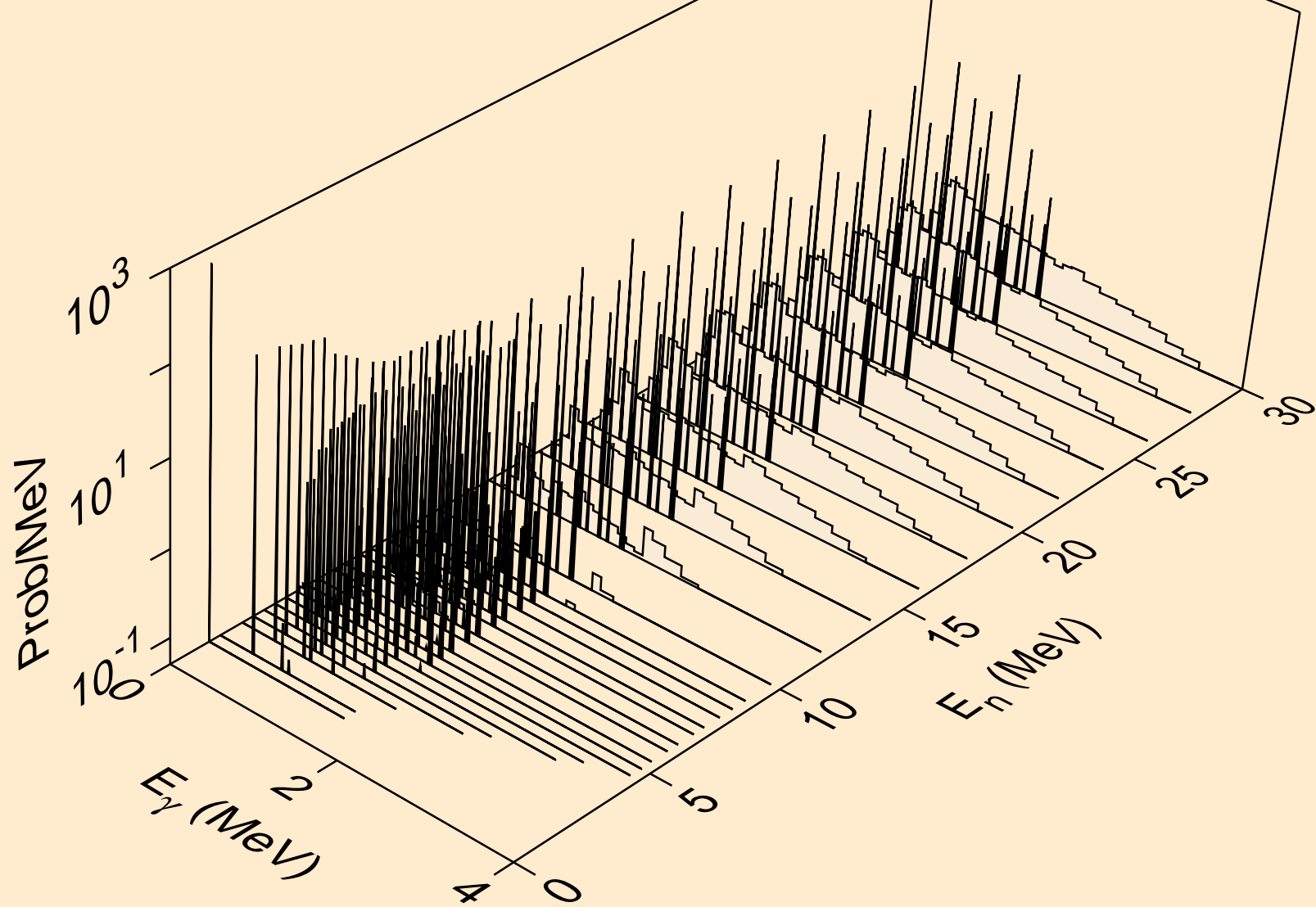
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



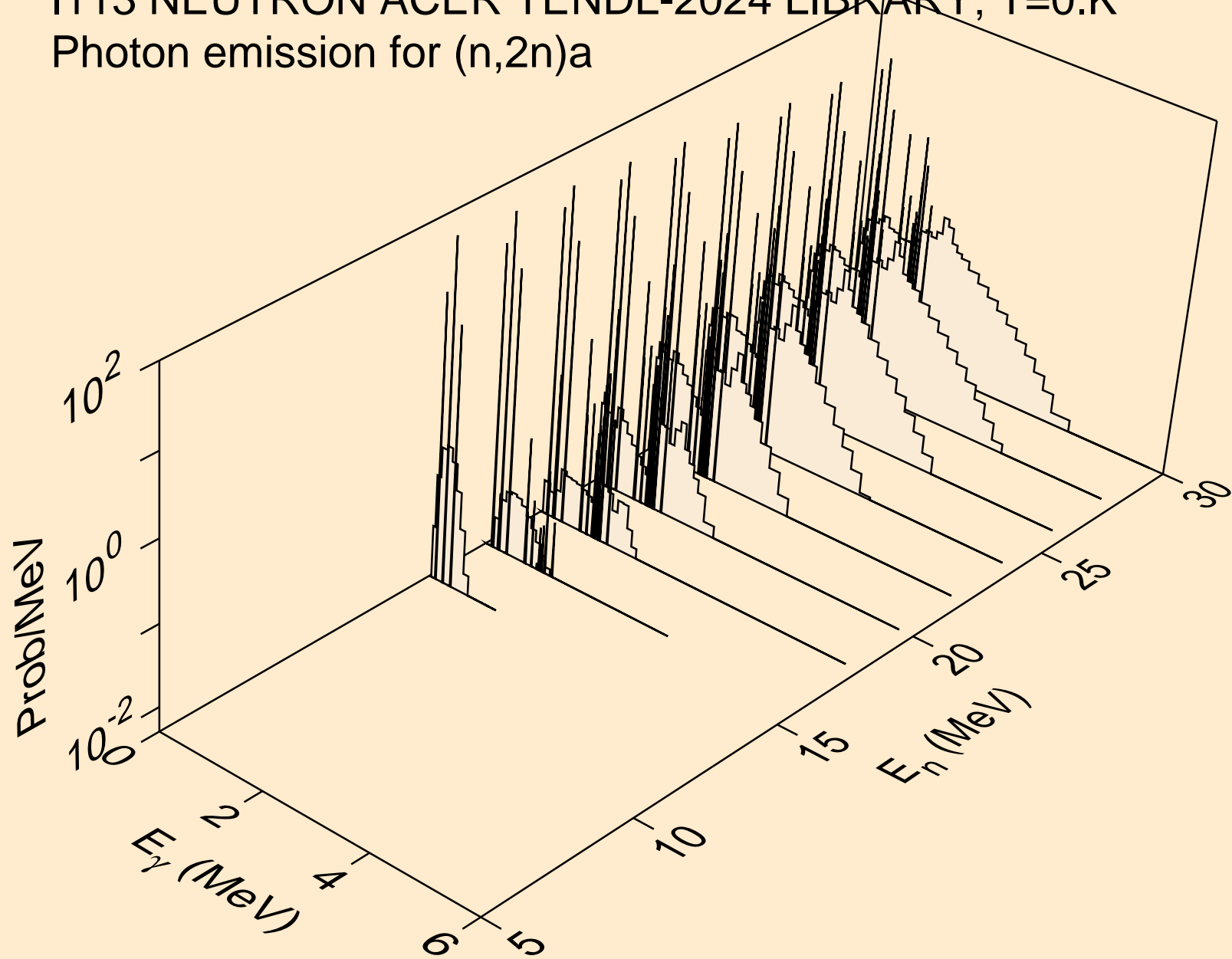
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



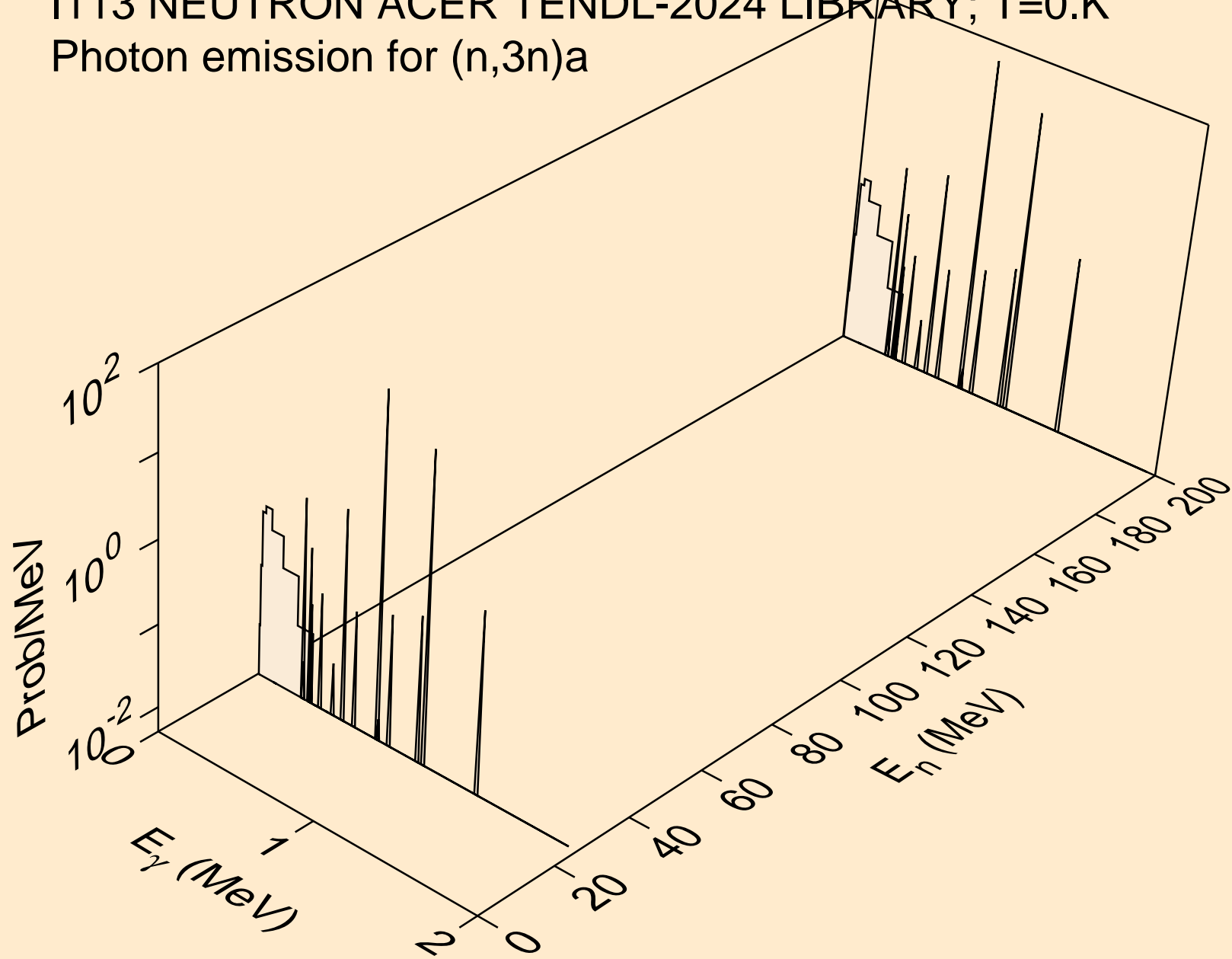
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

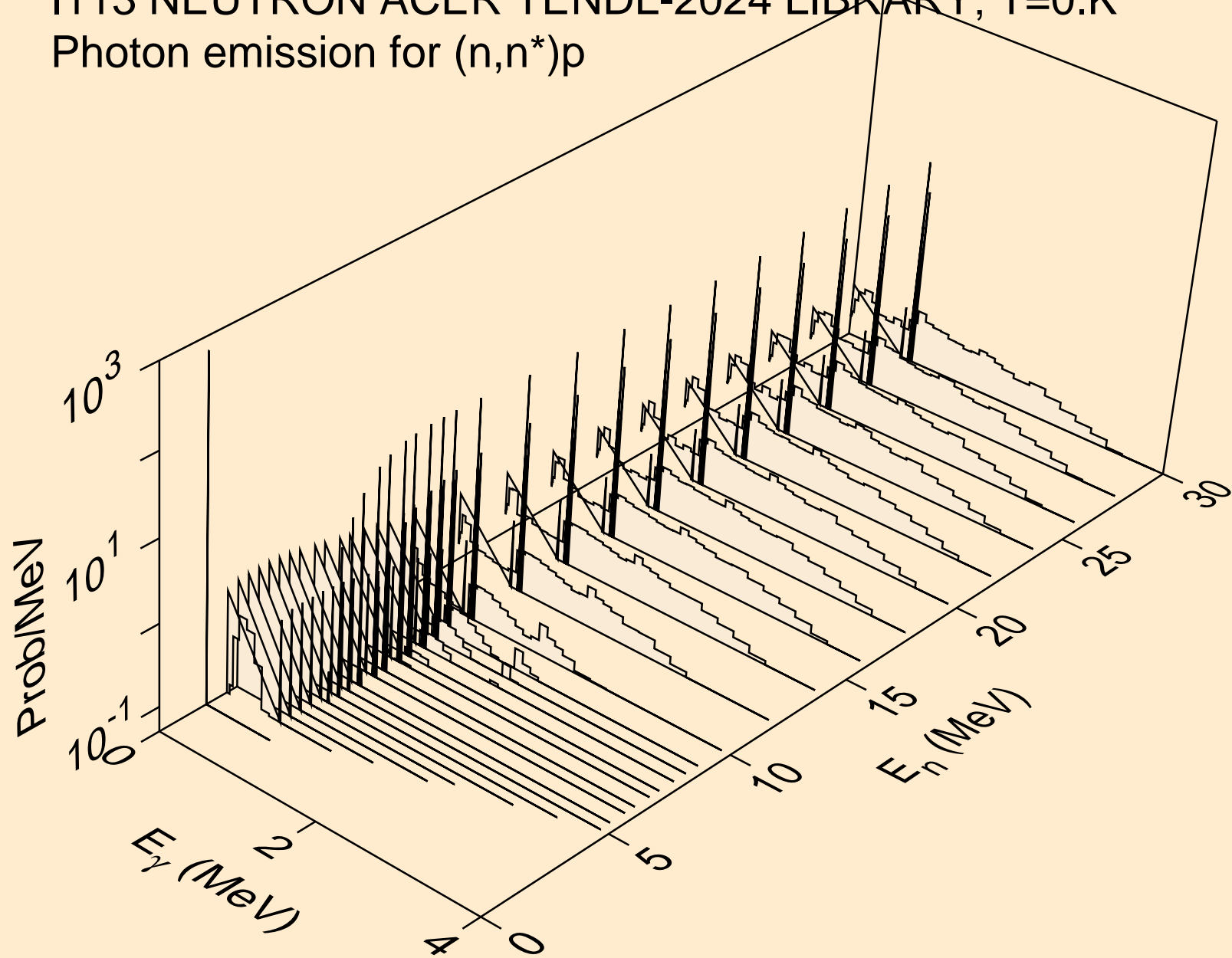


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

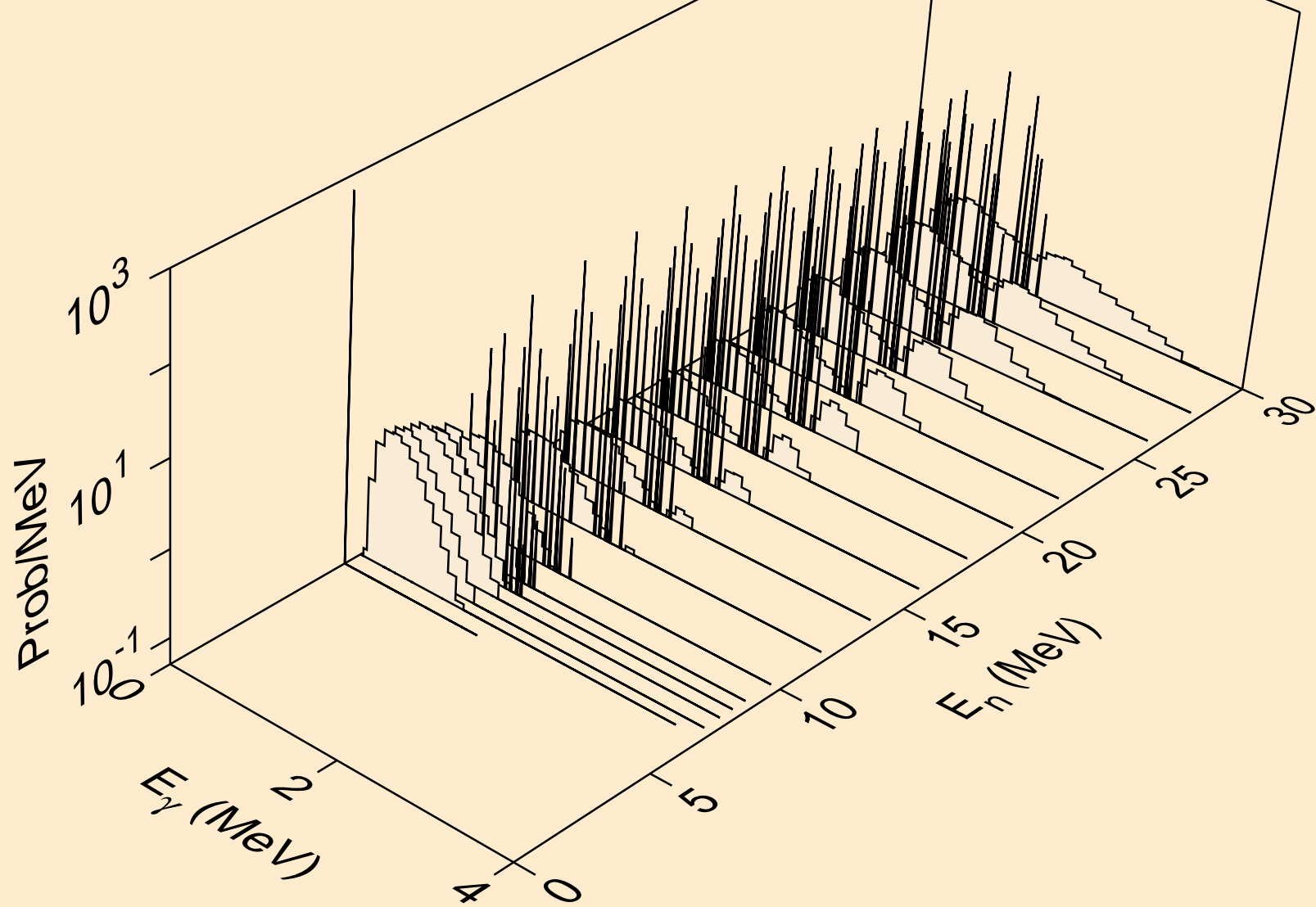




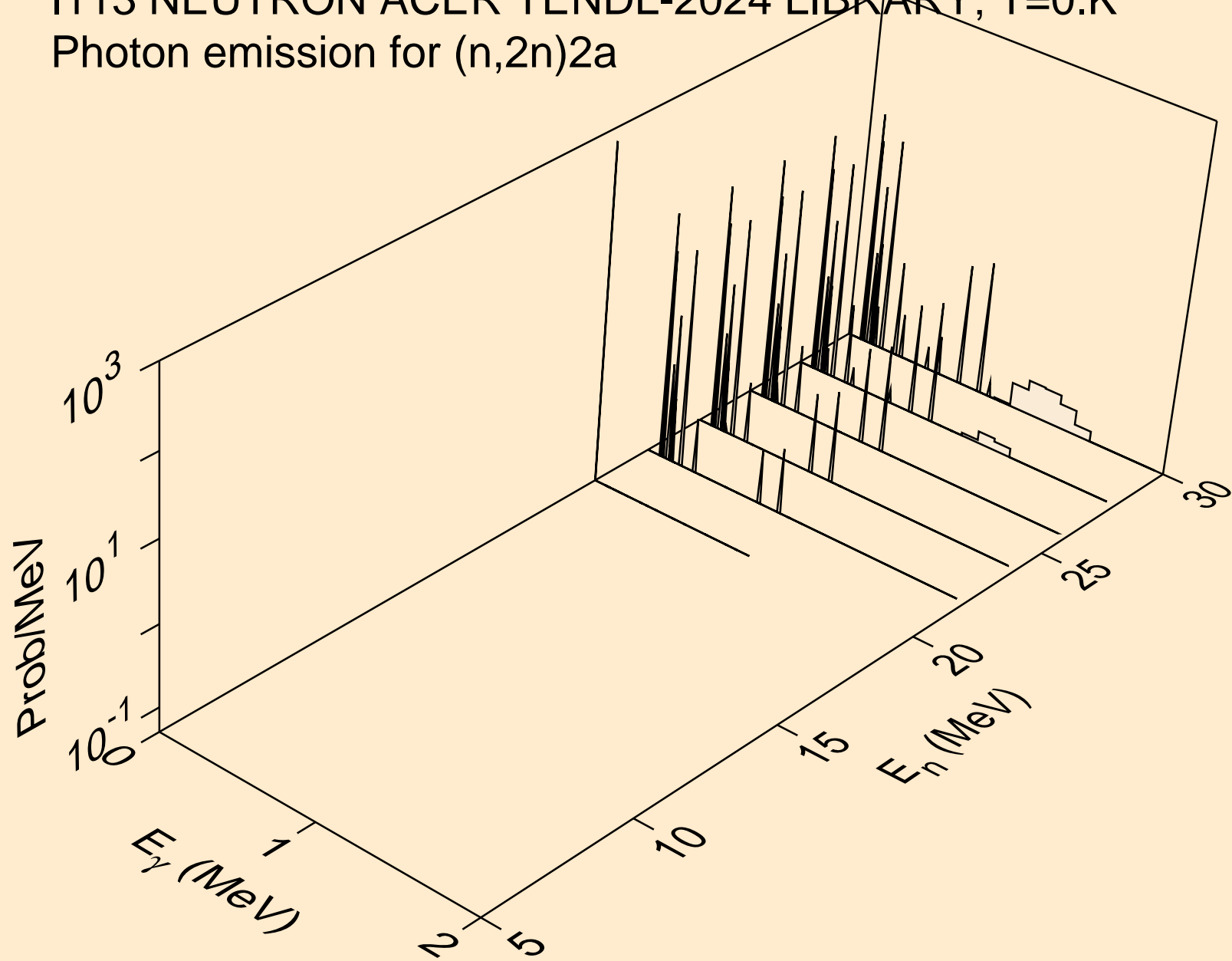
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



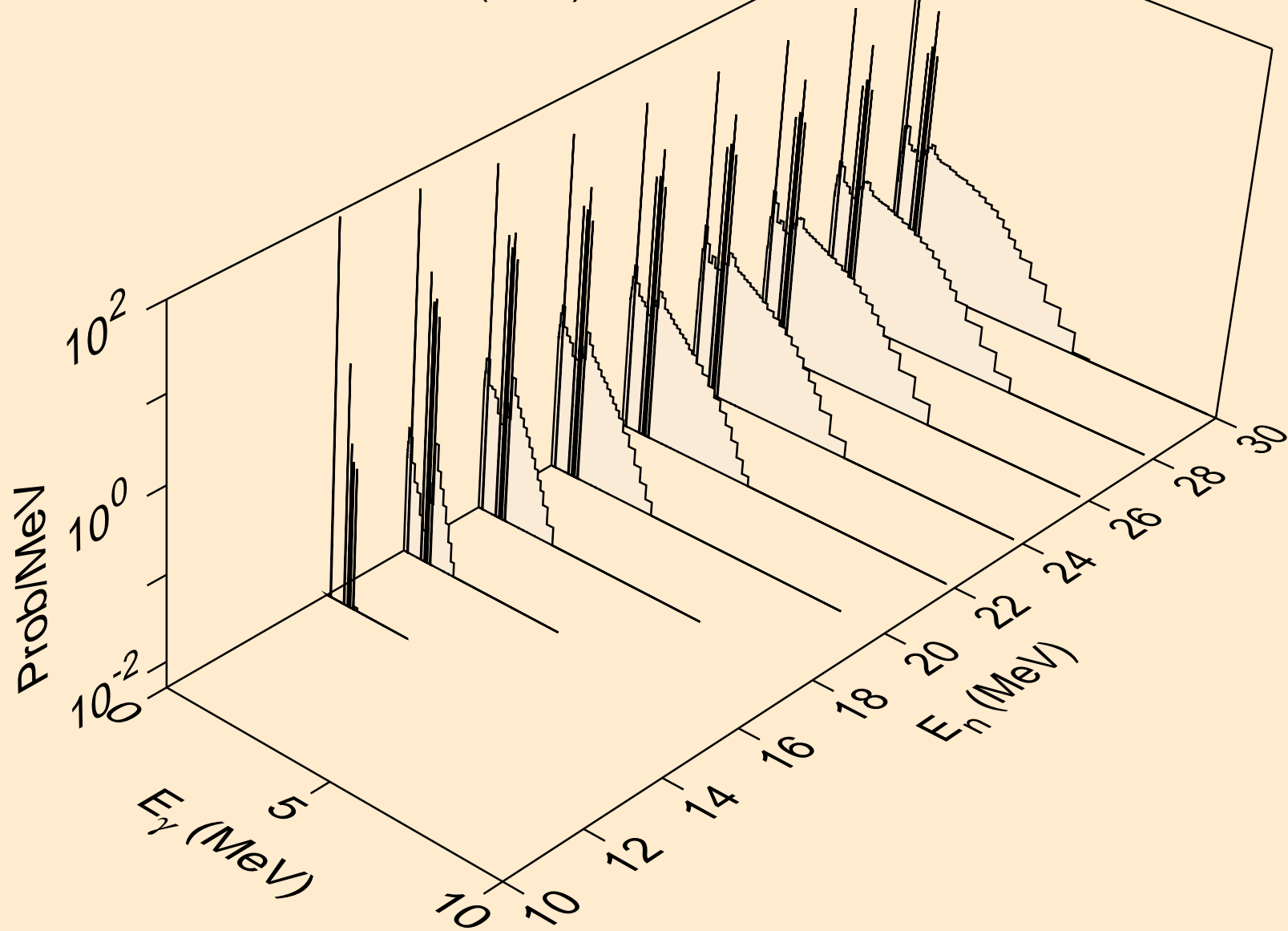
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



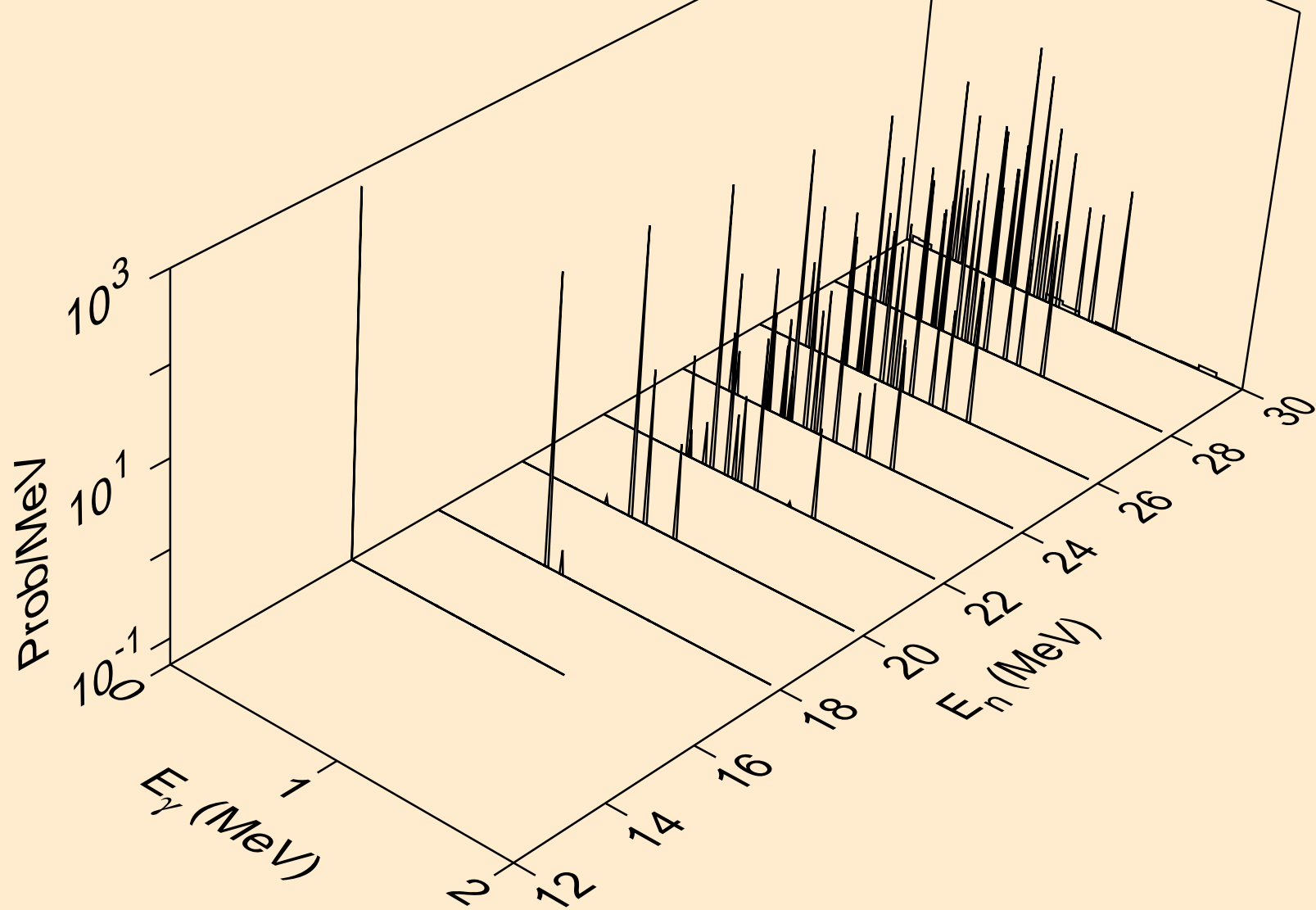
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



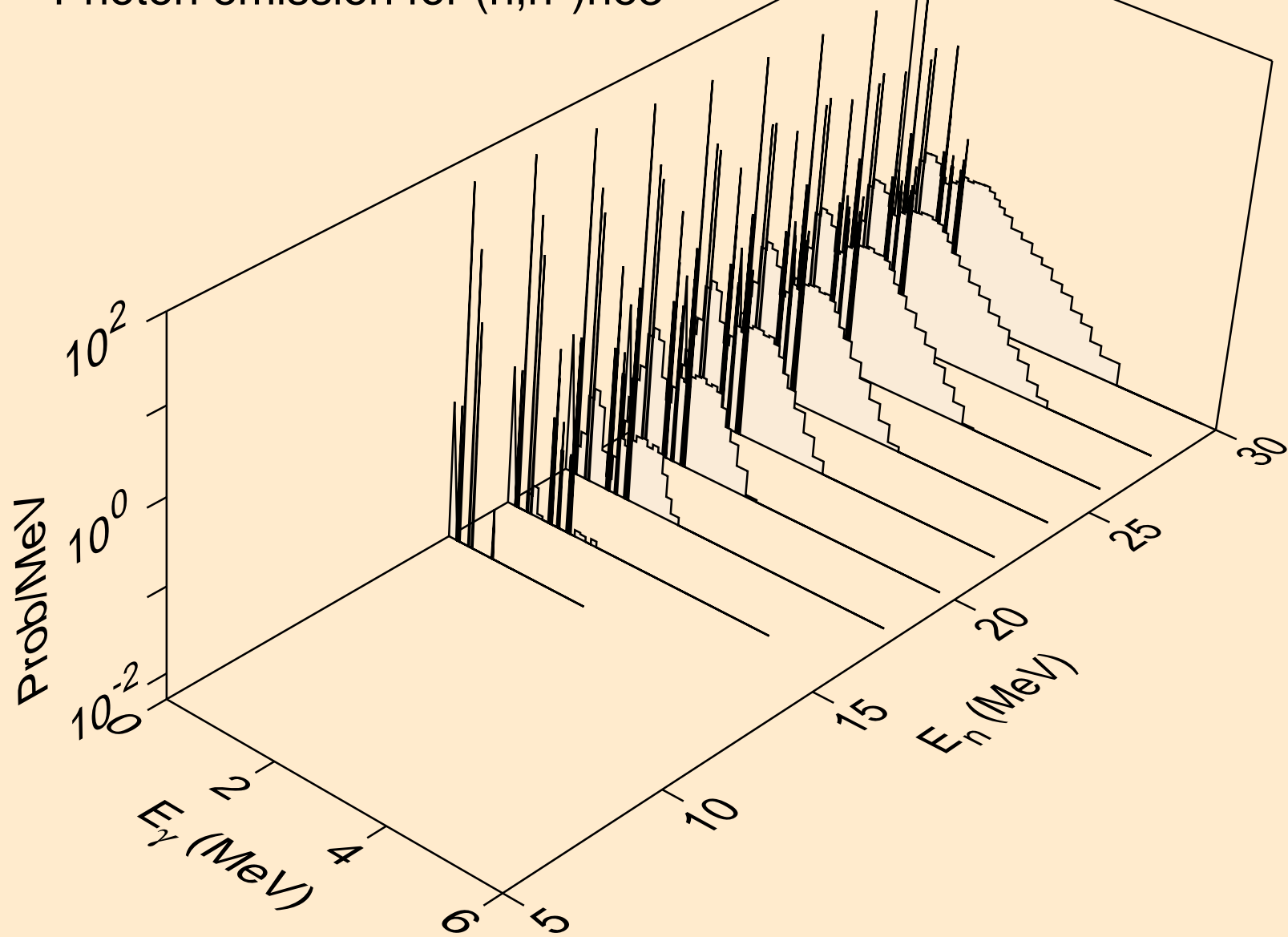
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



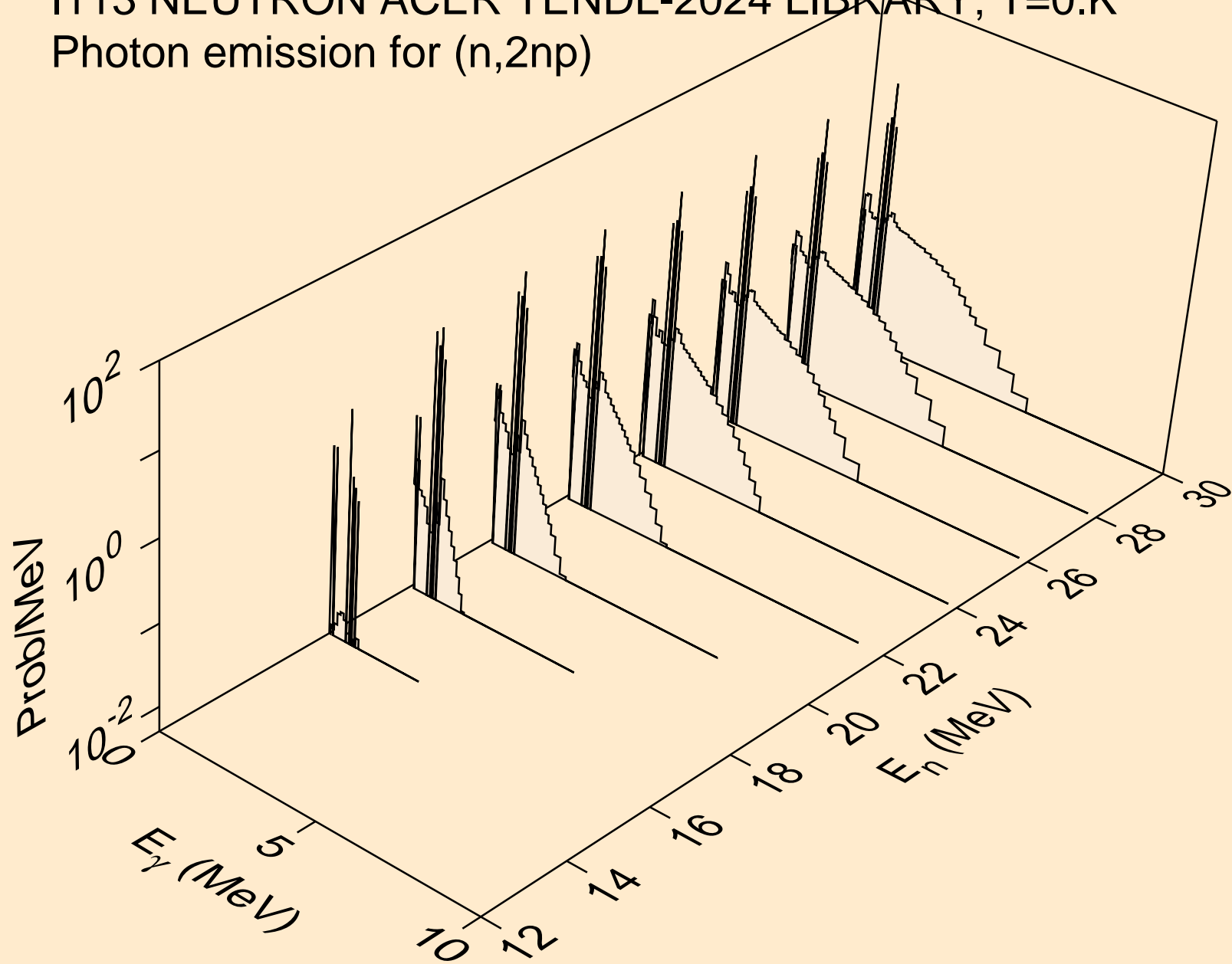
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



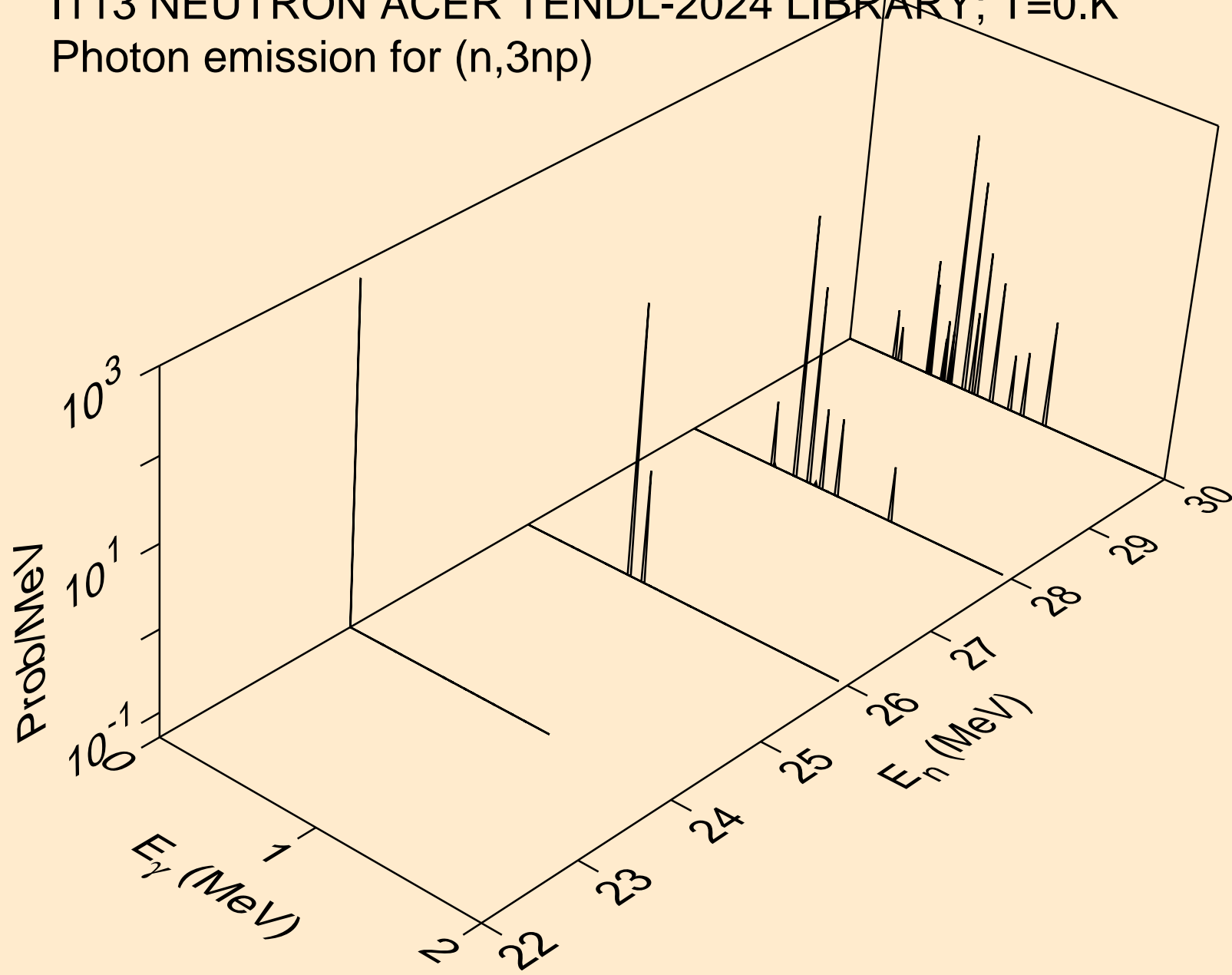
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

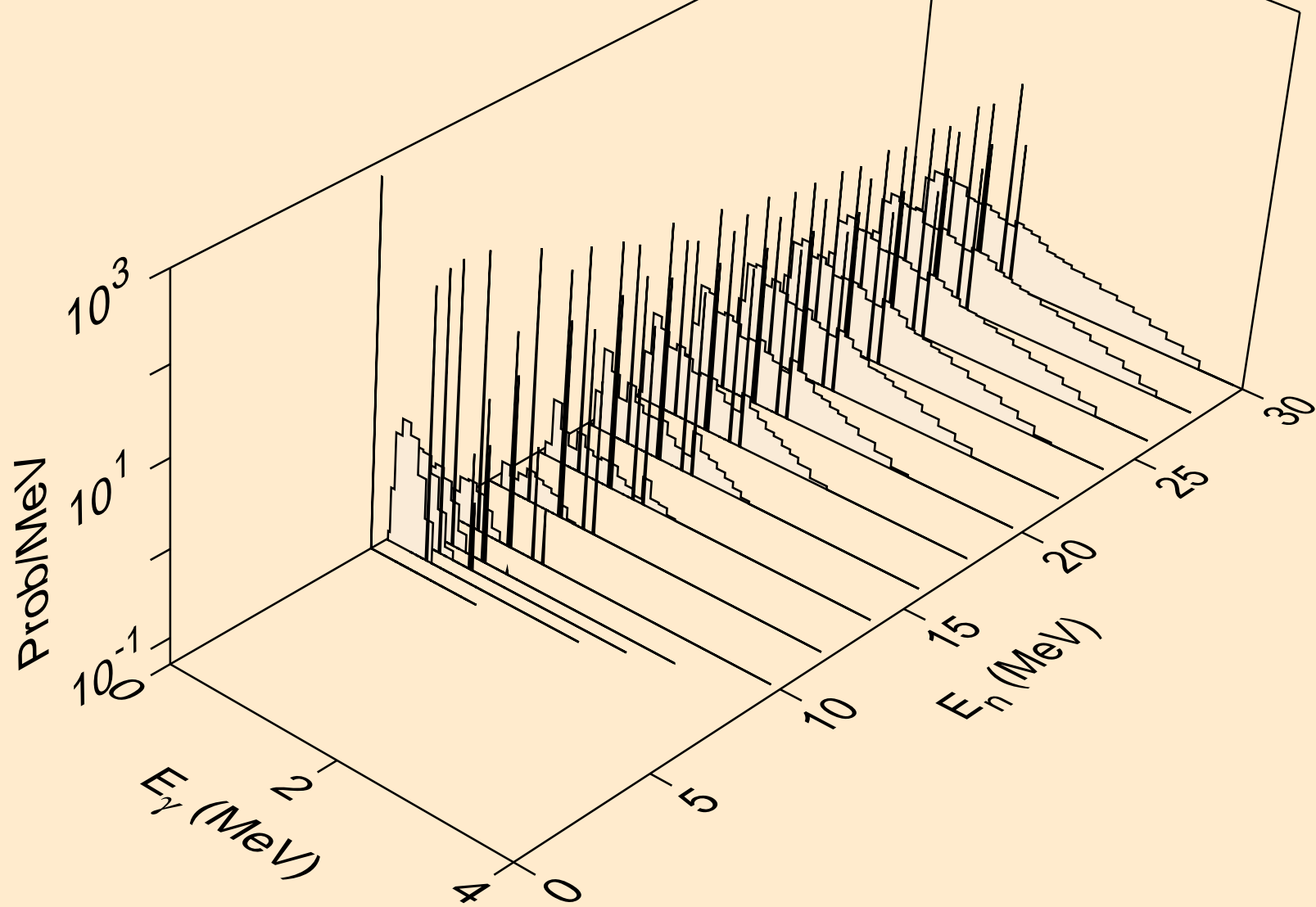


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

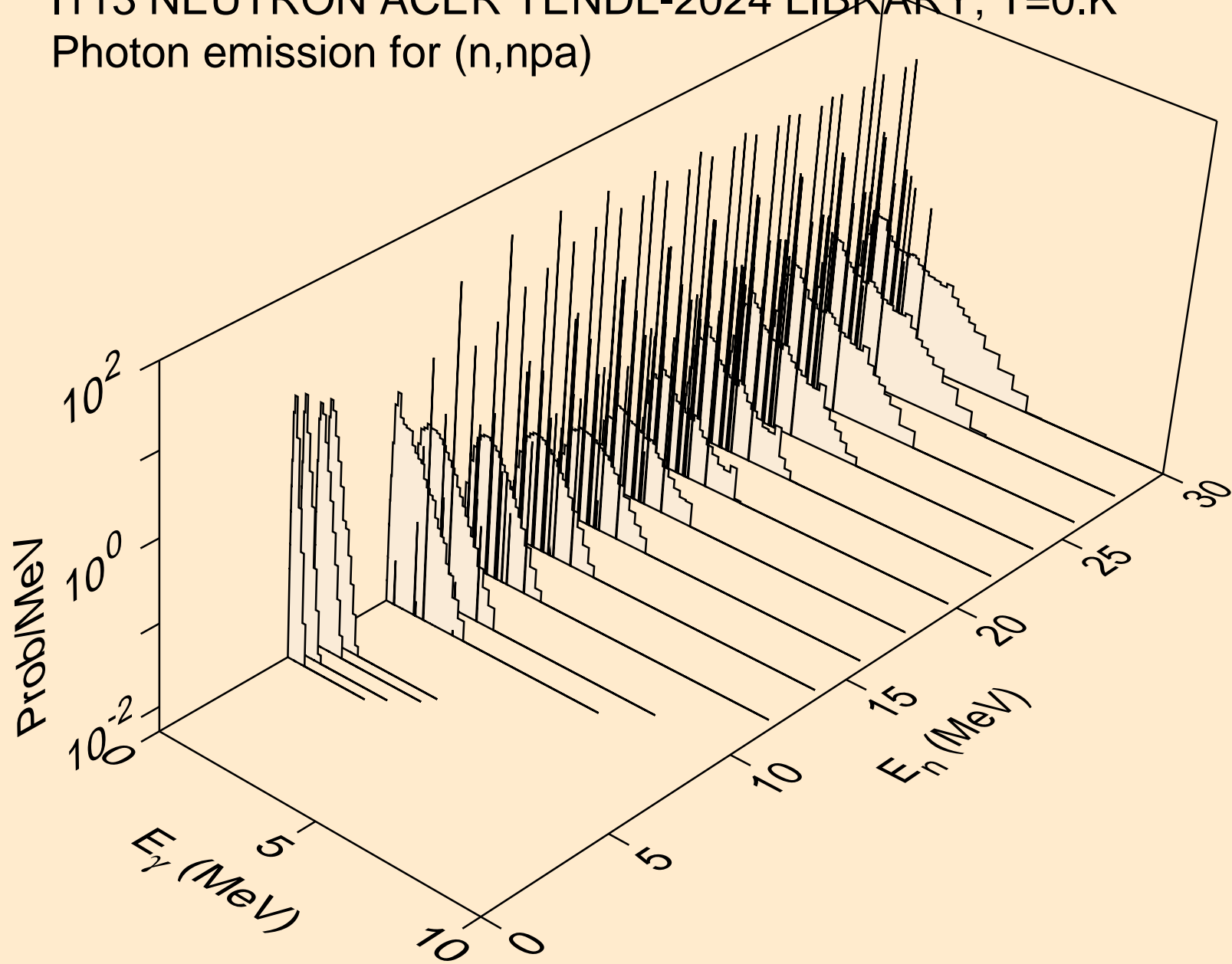




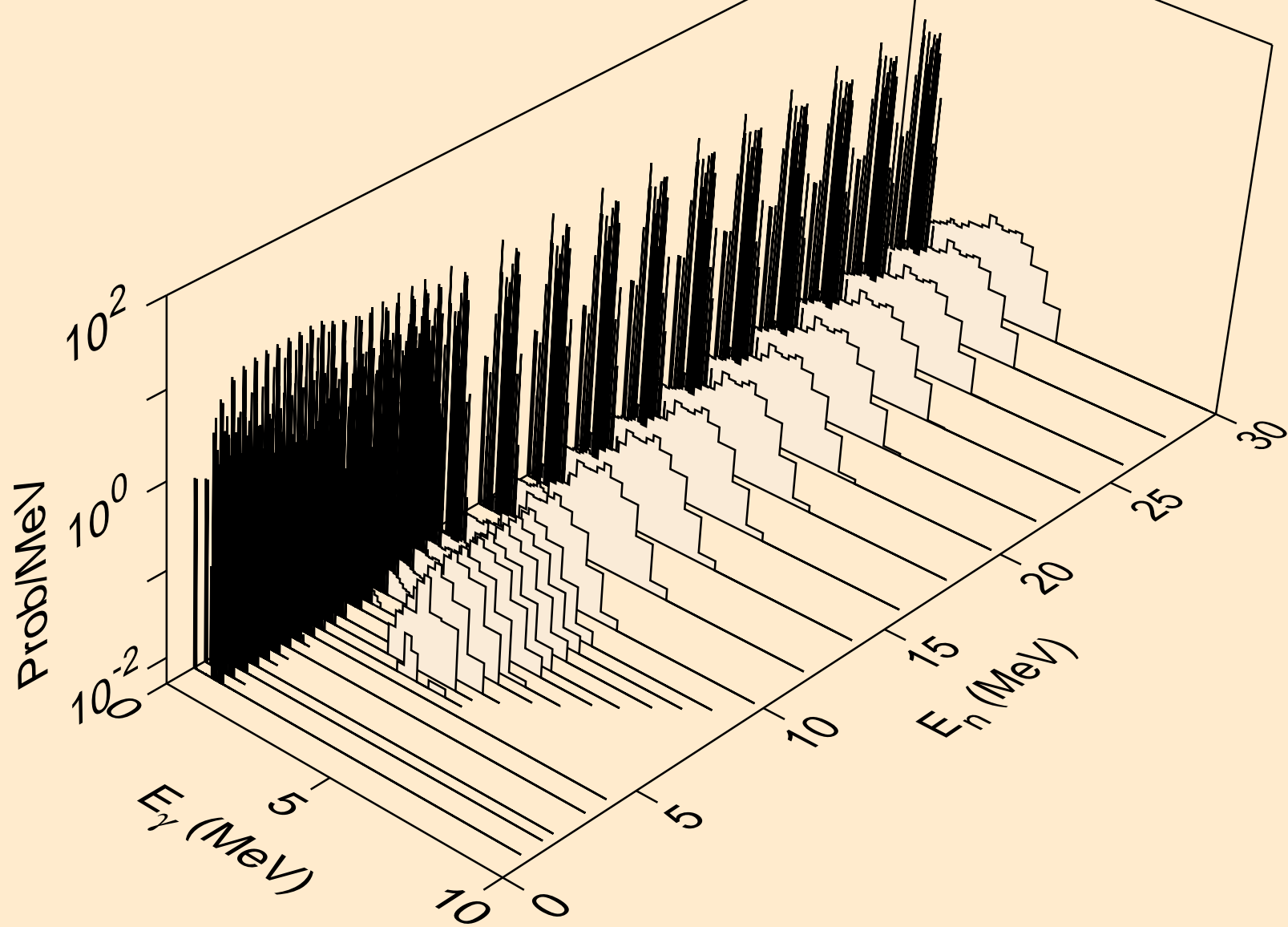
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



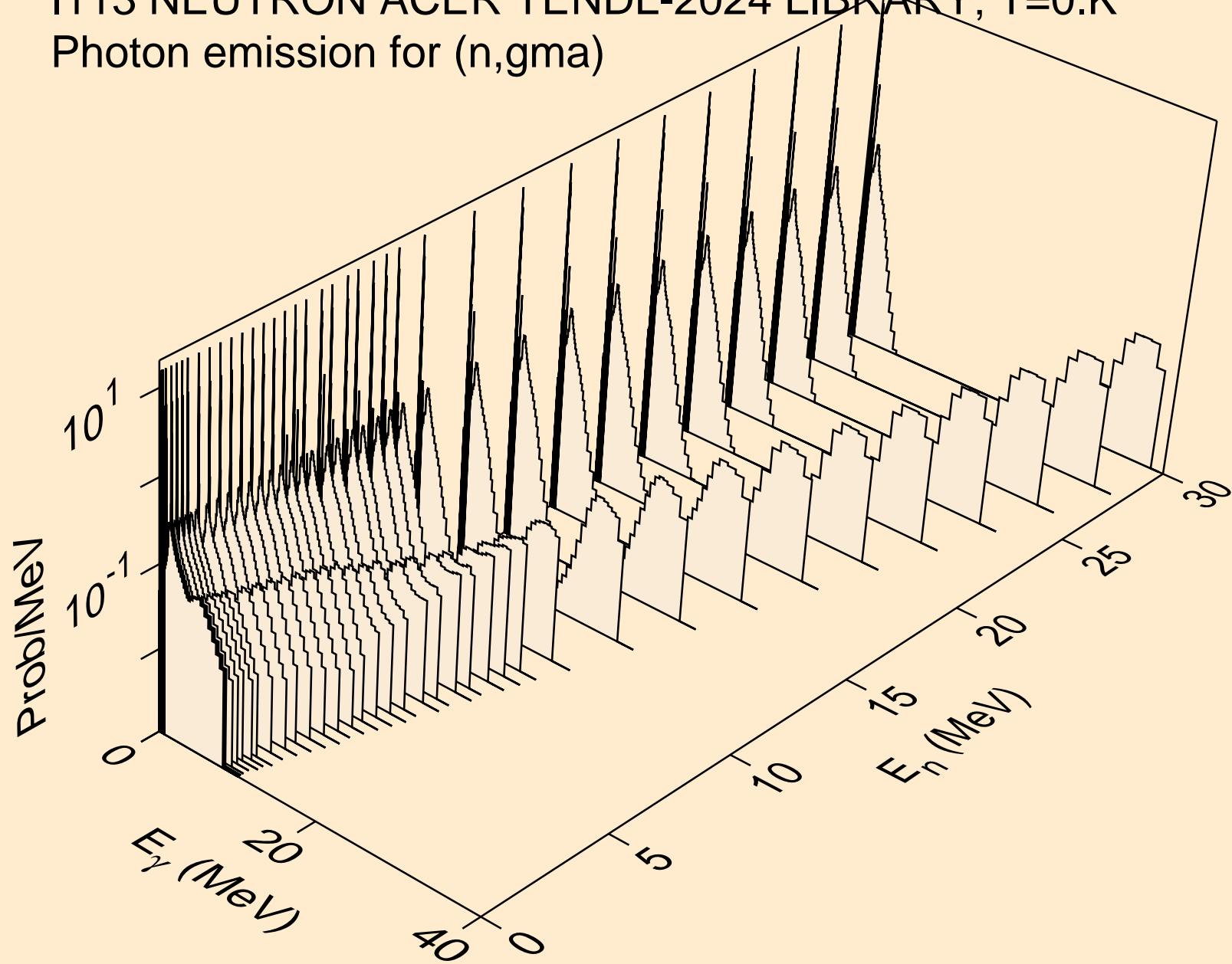
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



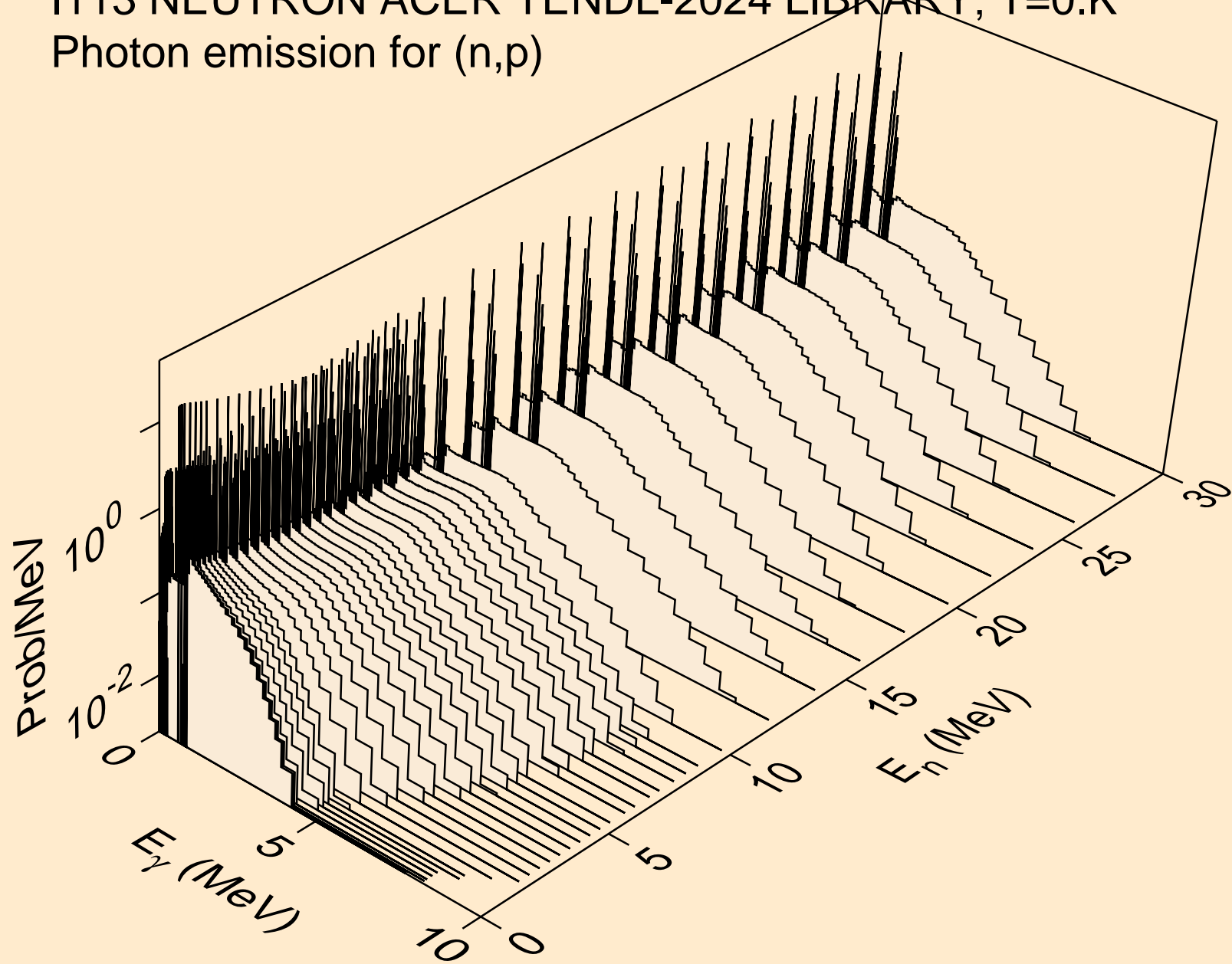
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



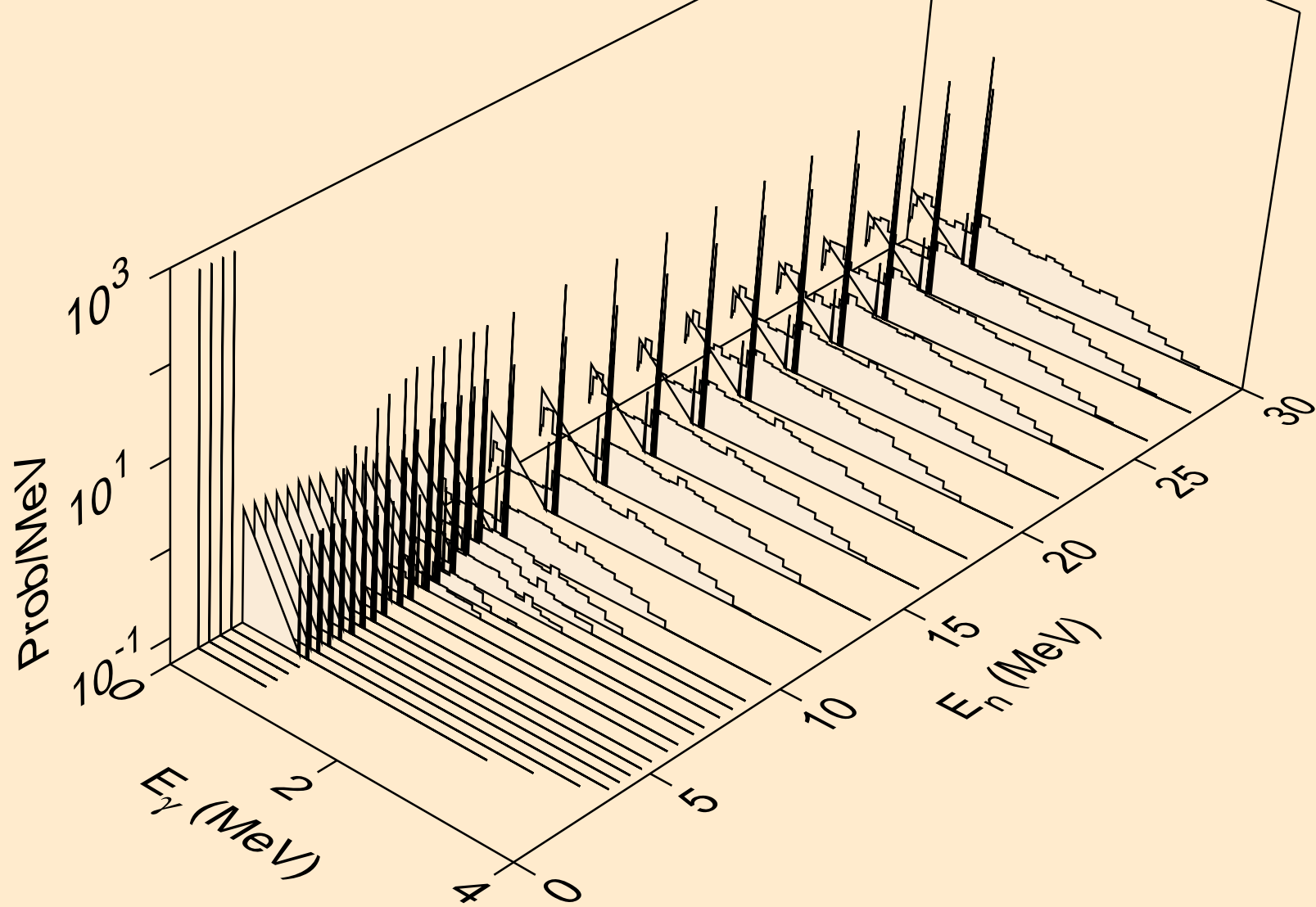
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



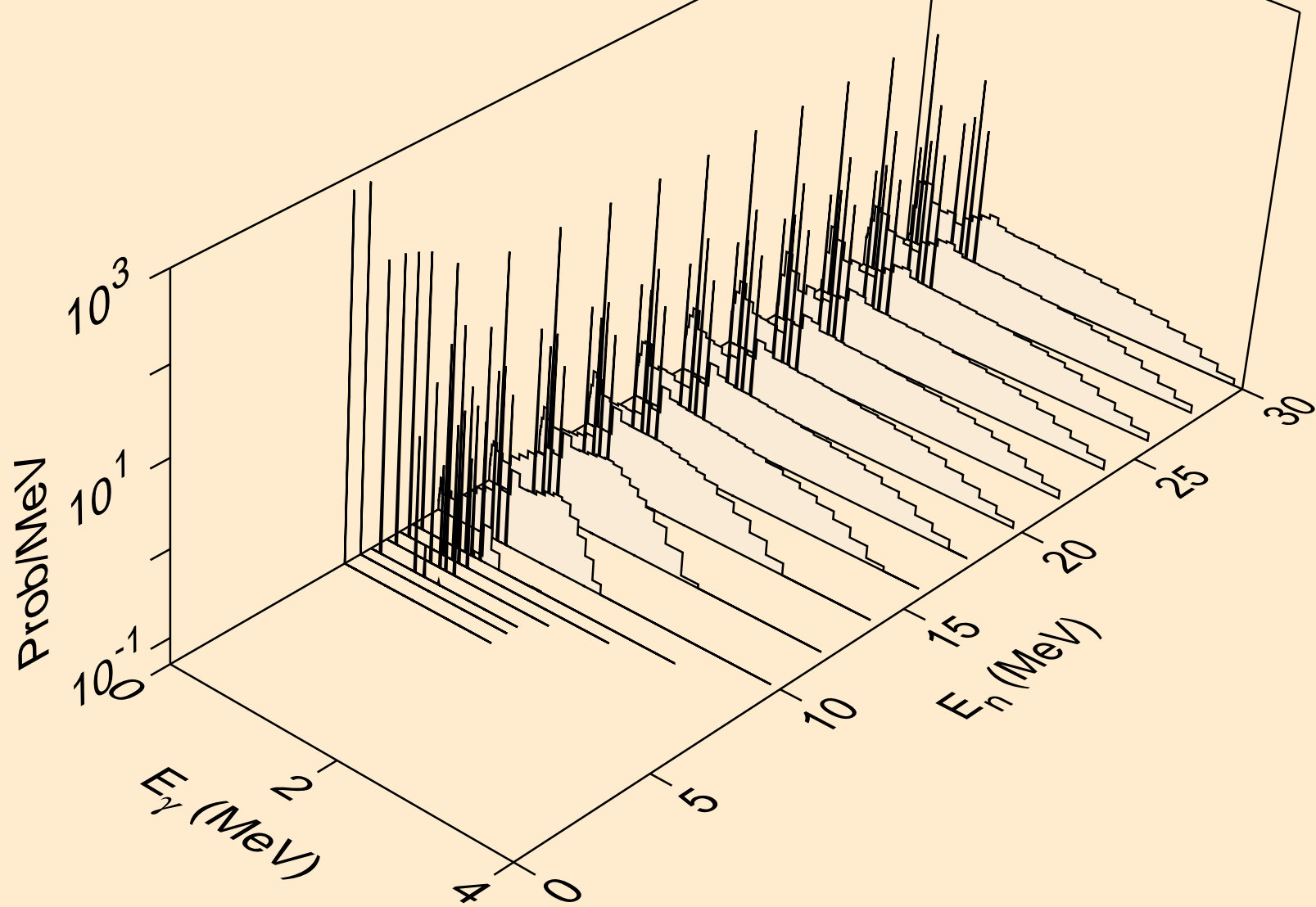
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



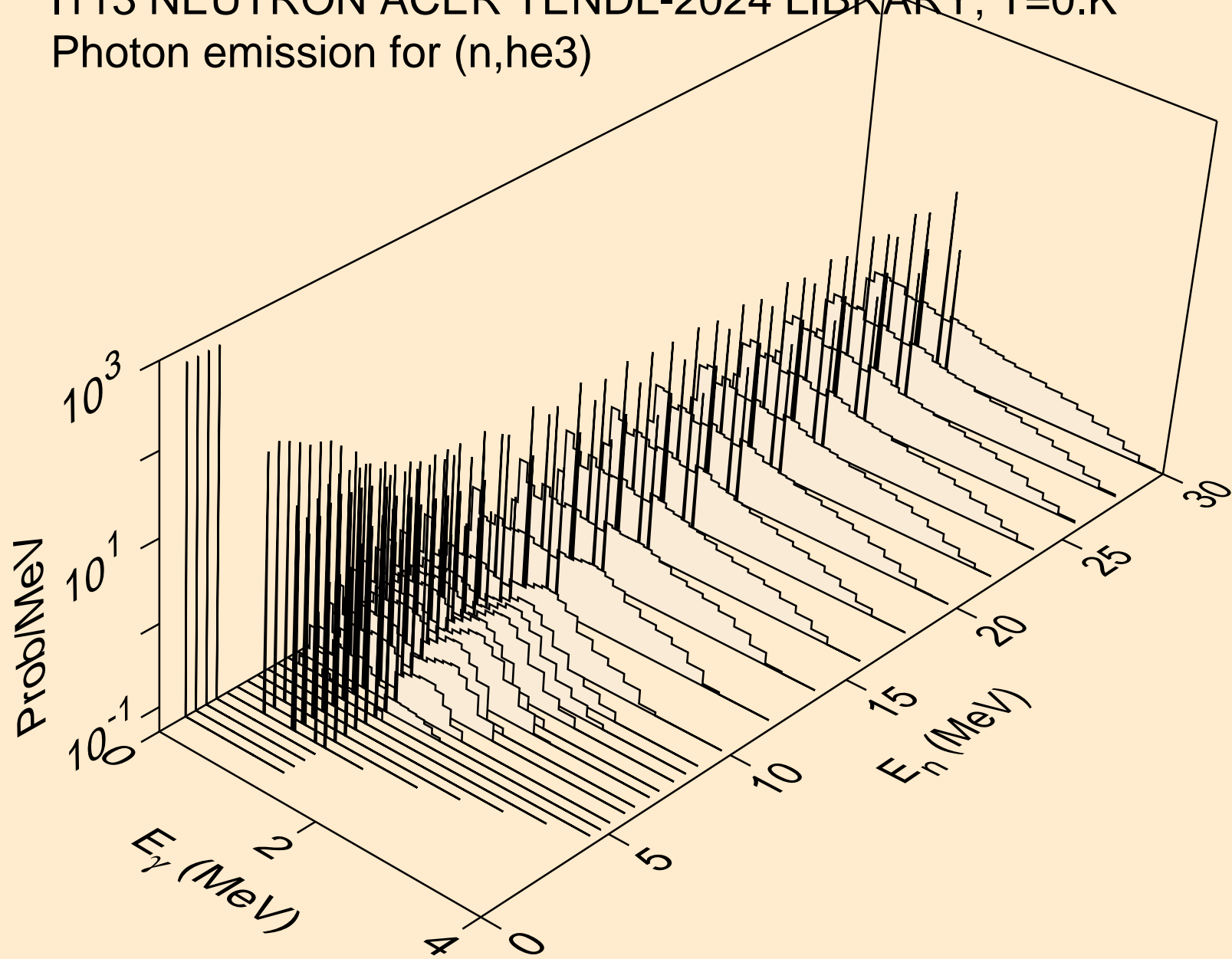
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

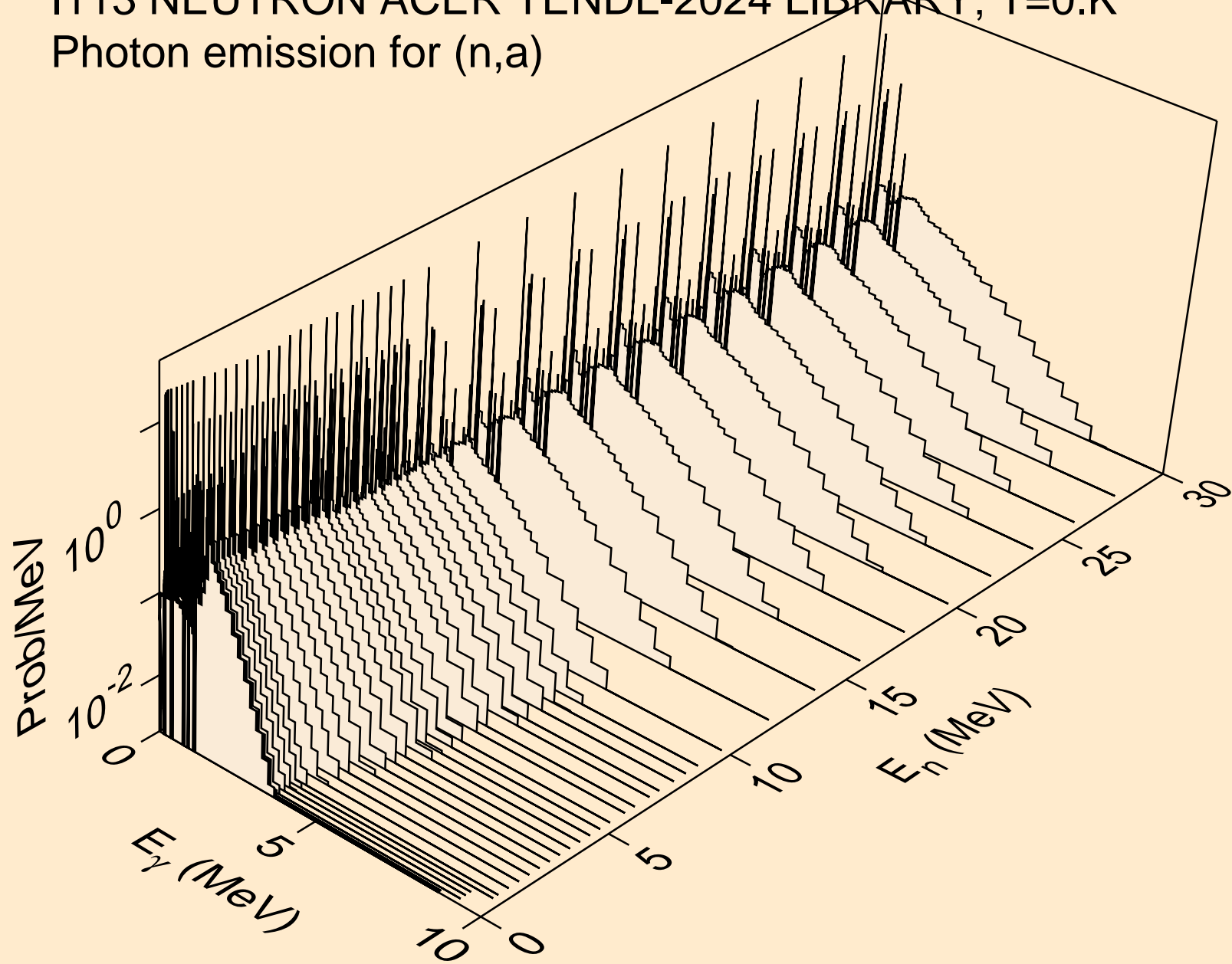


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

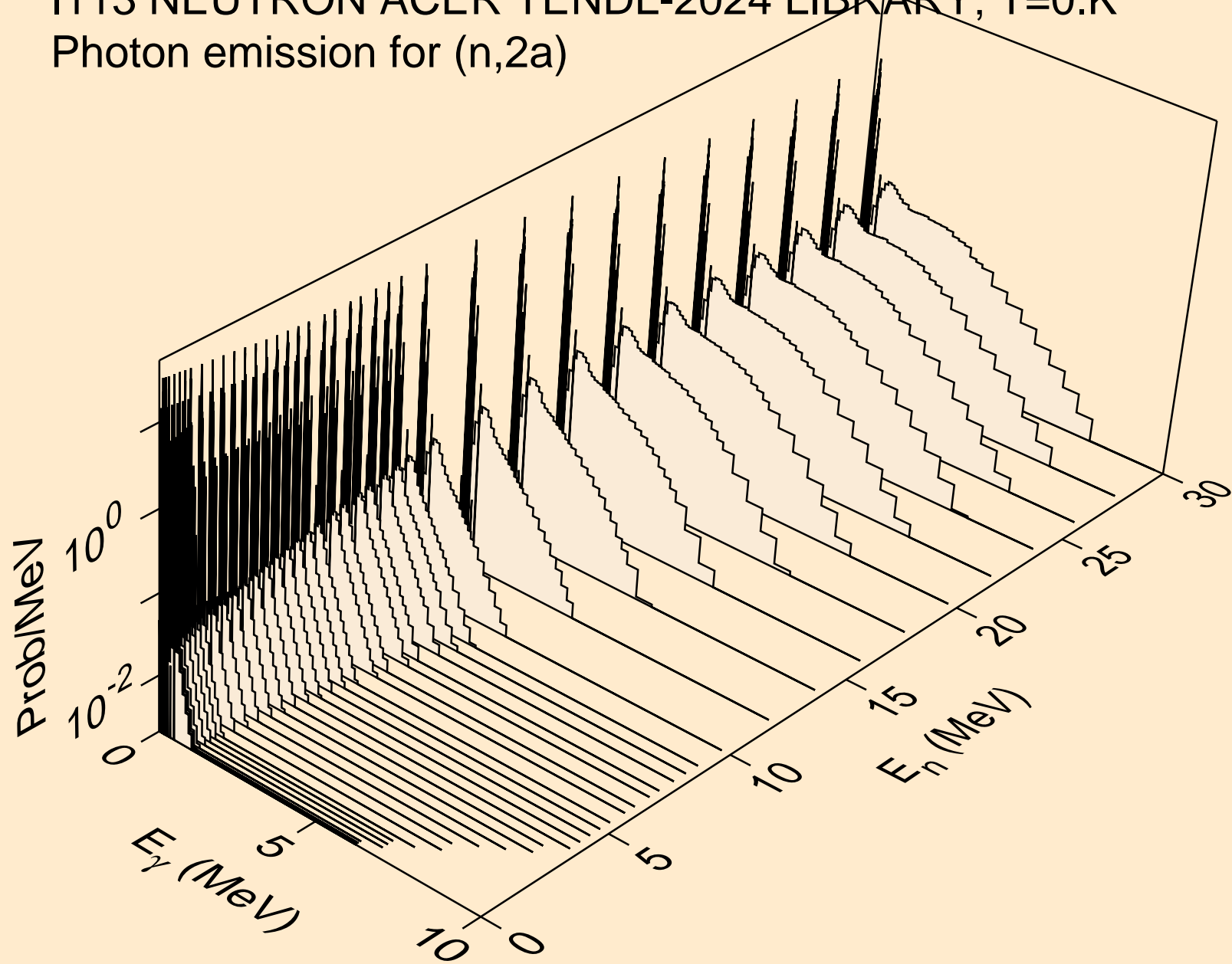




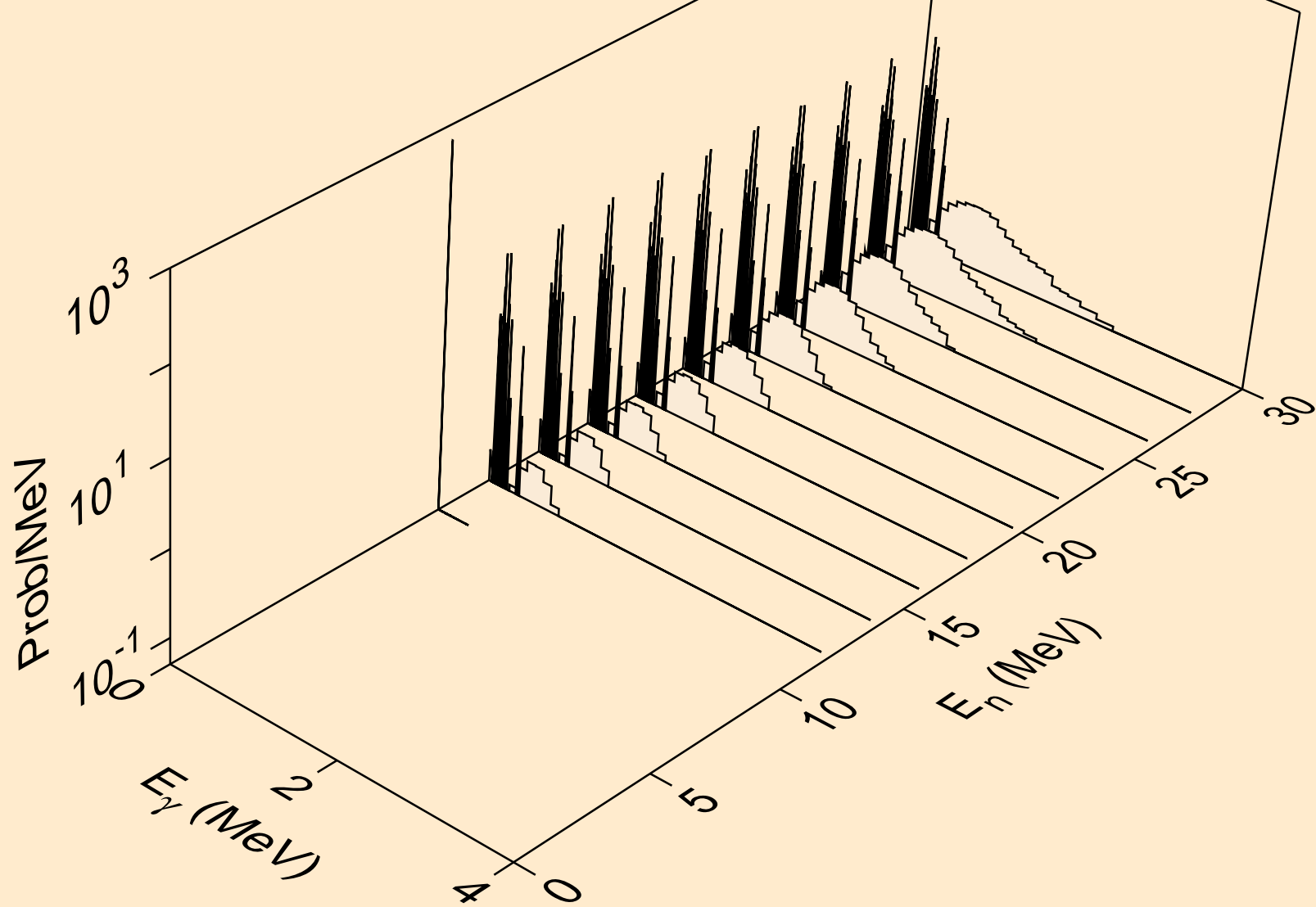
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



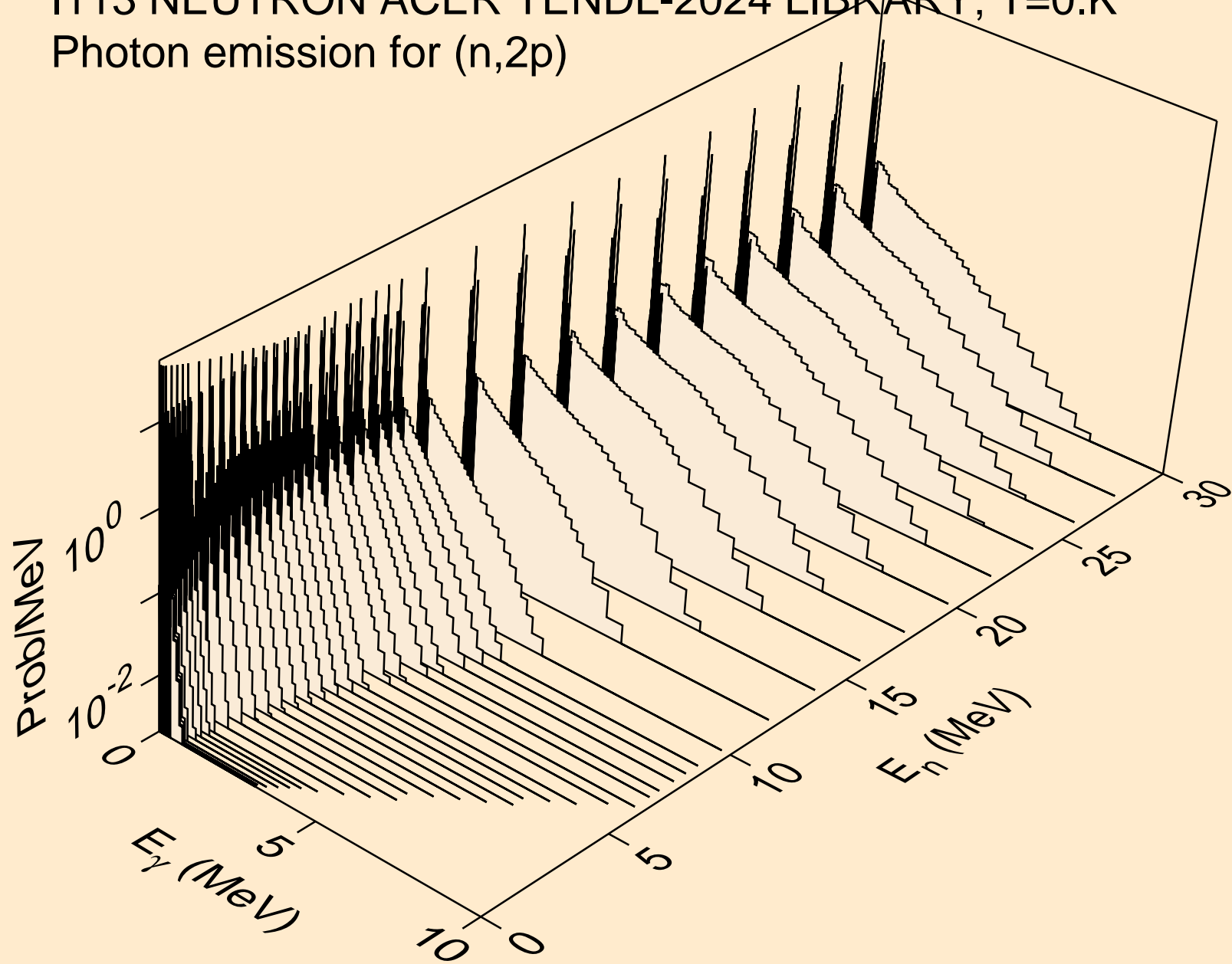
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



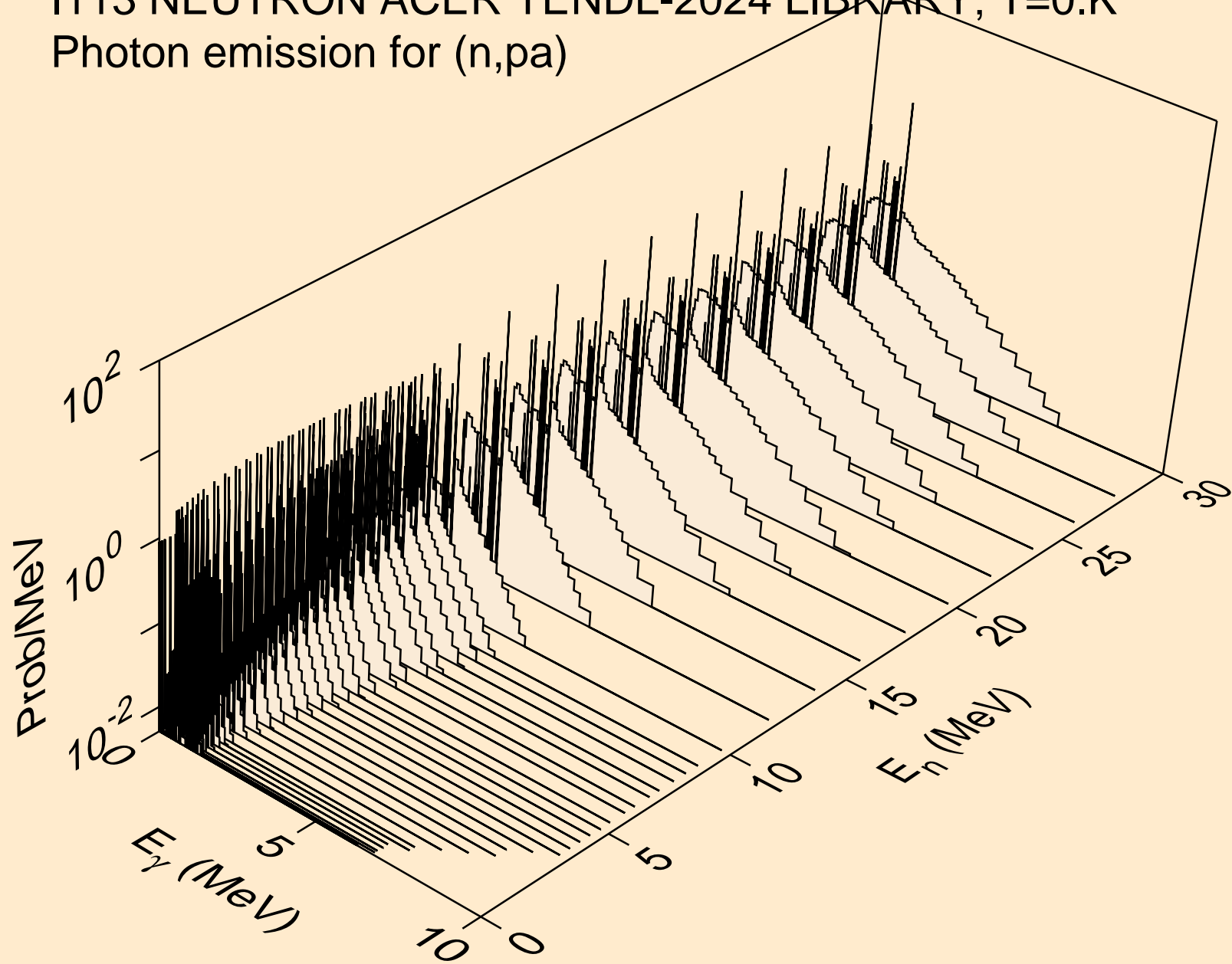
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



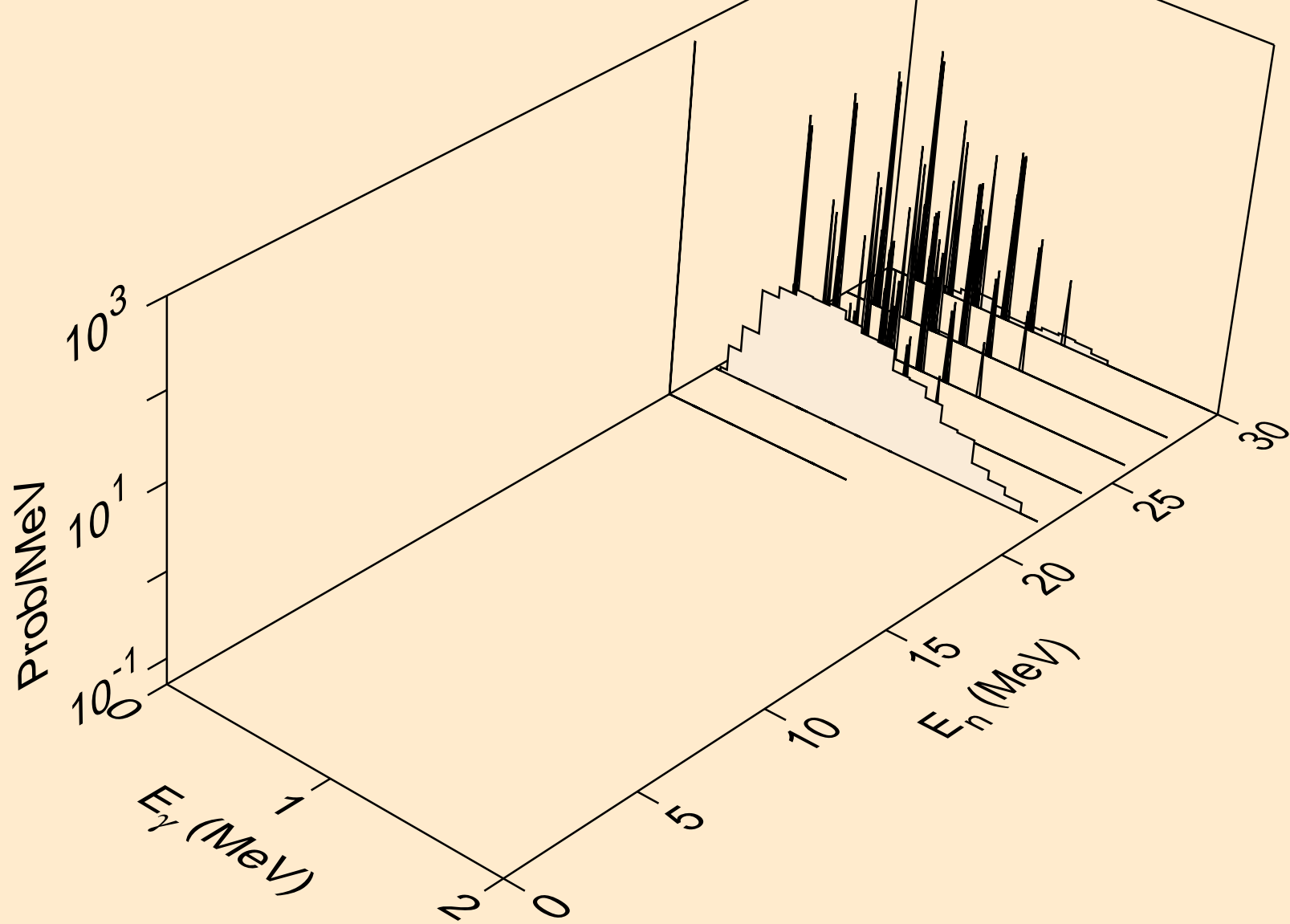
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



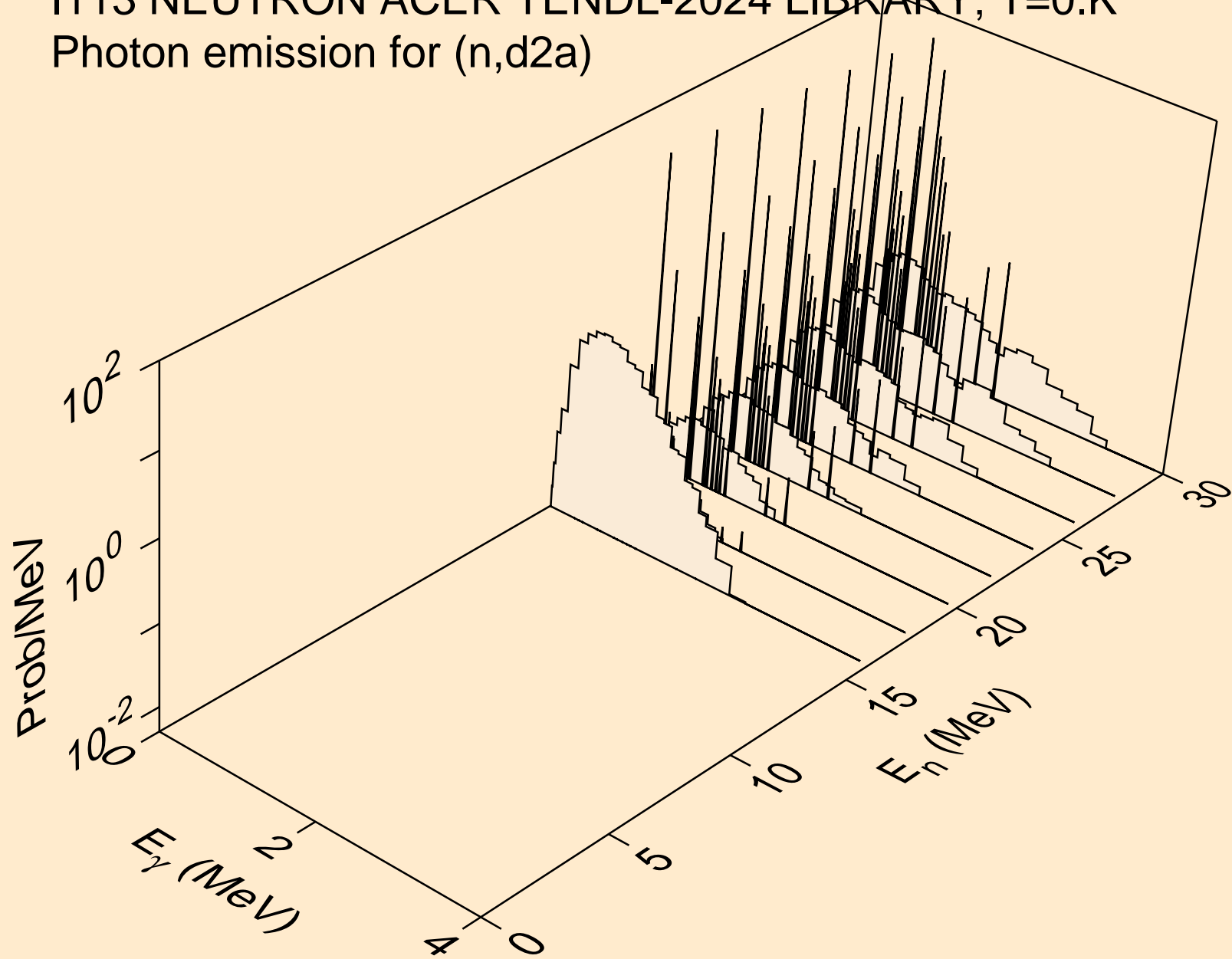
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



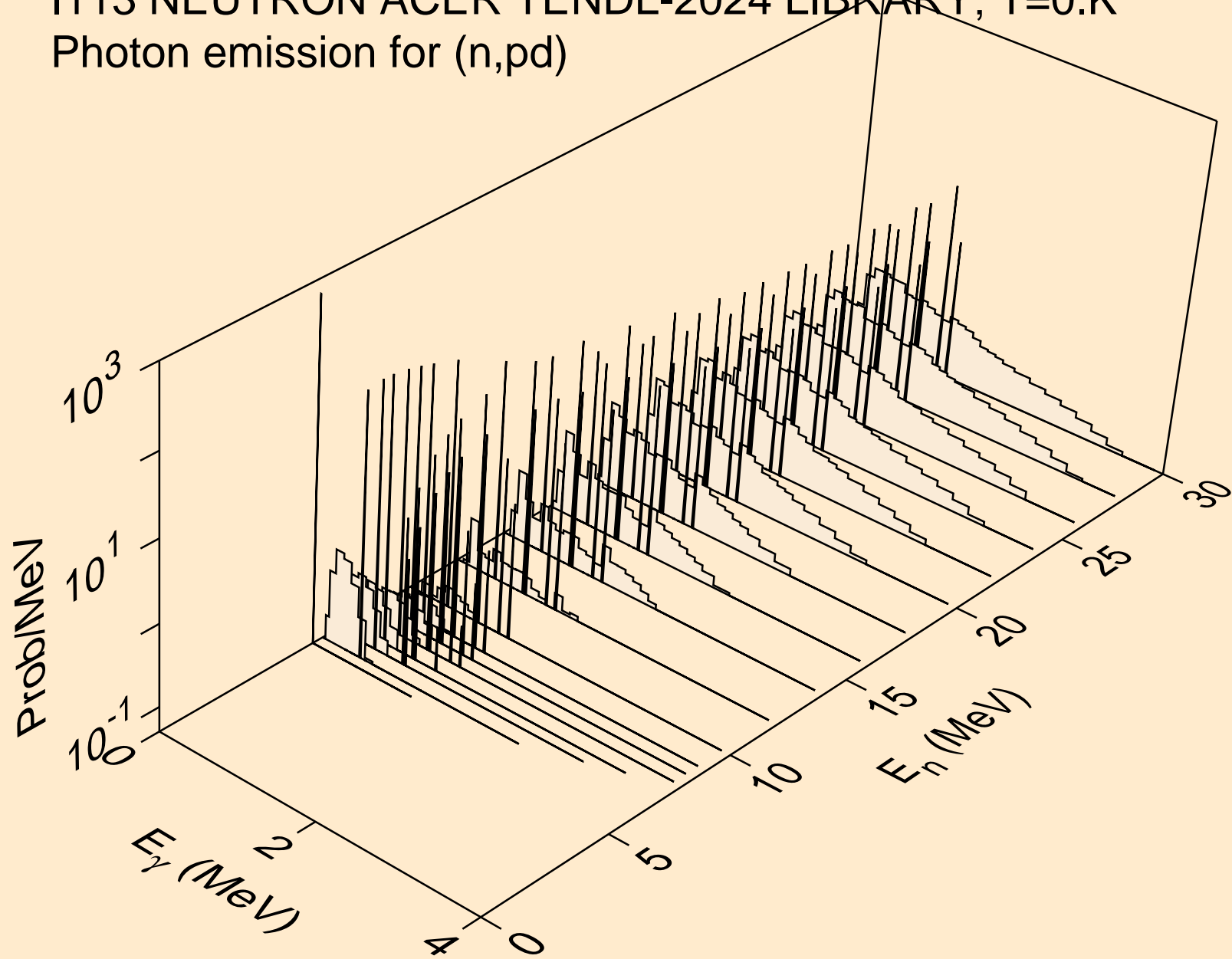
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t2a)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)

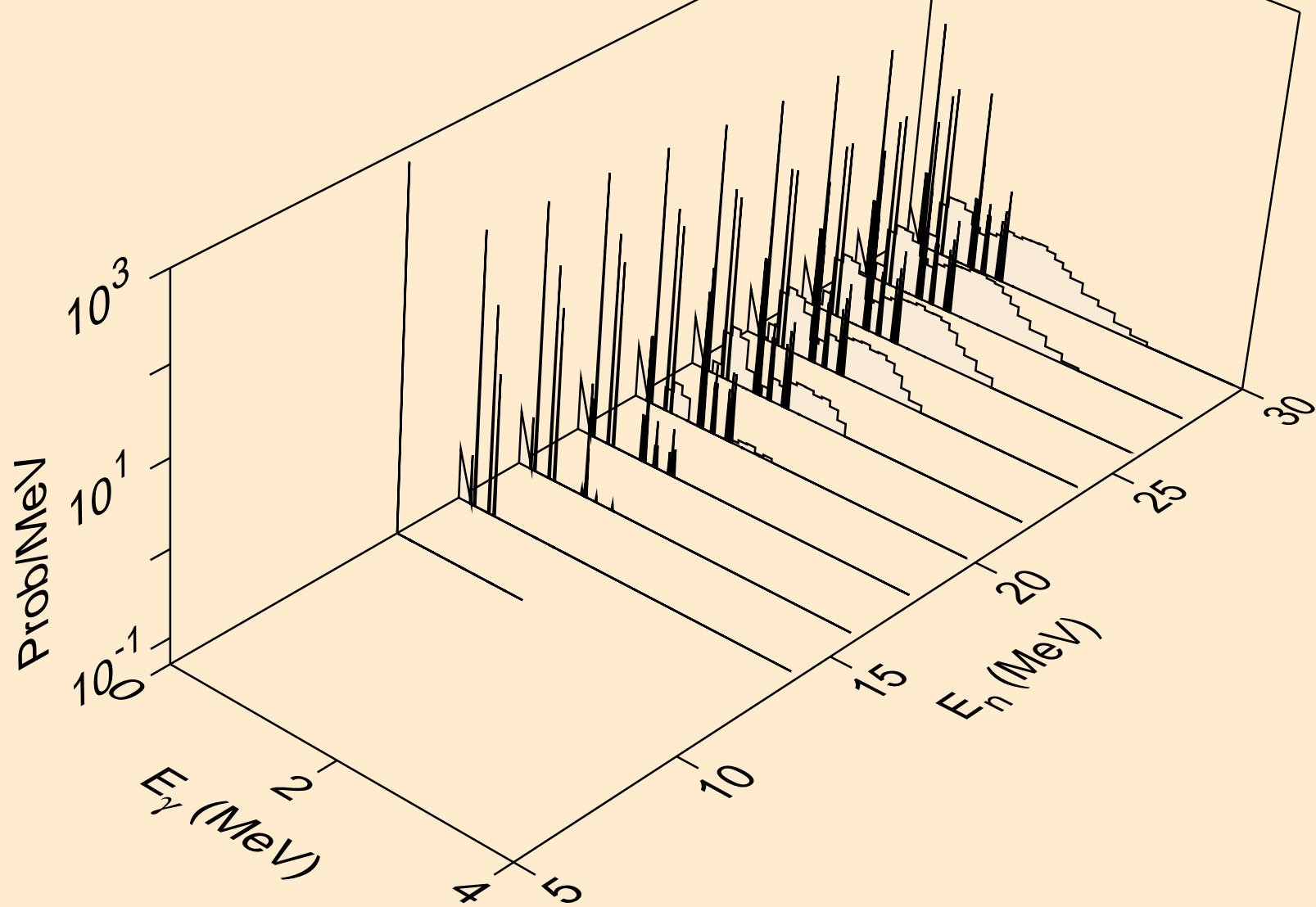


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

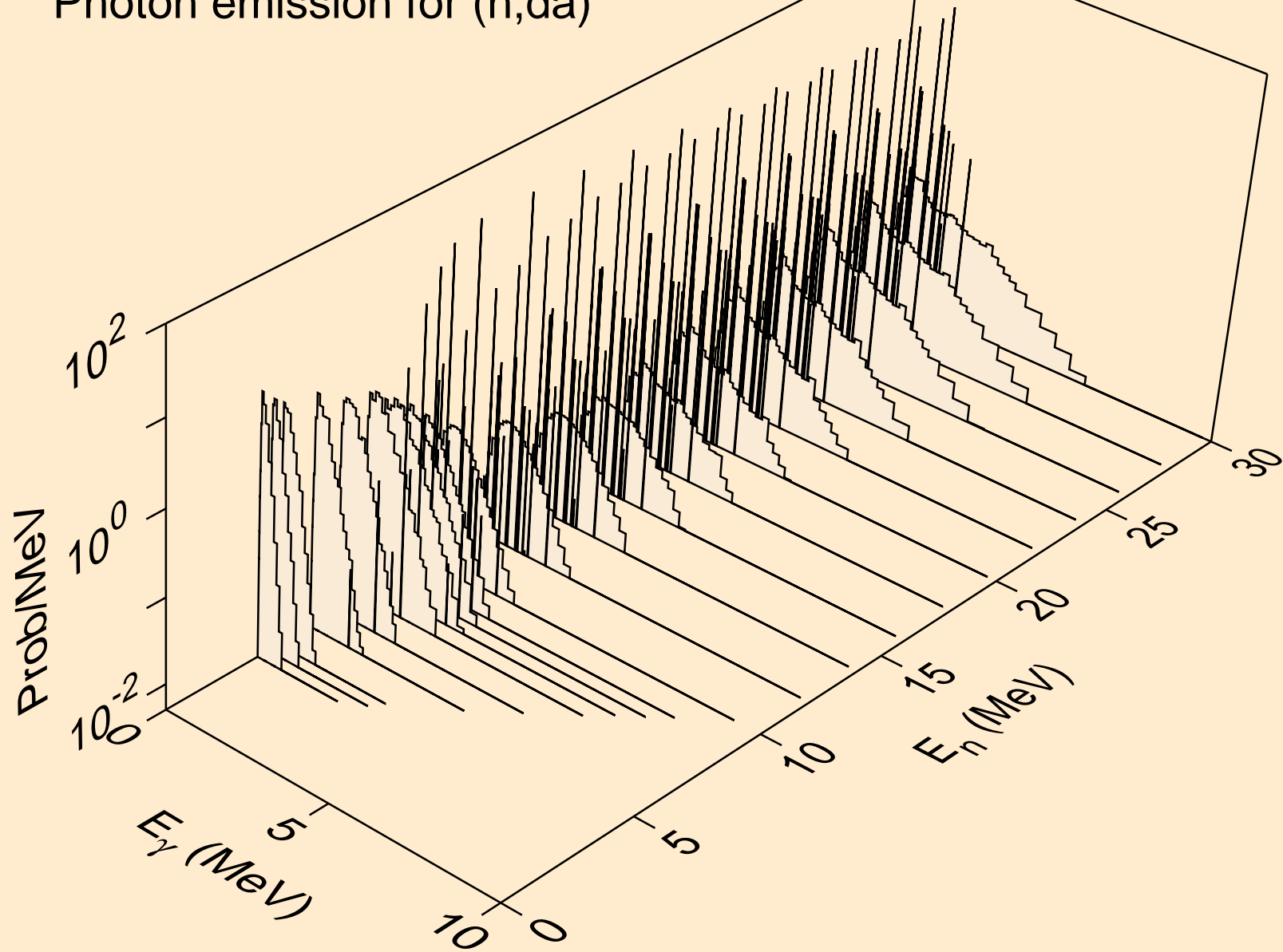




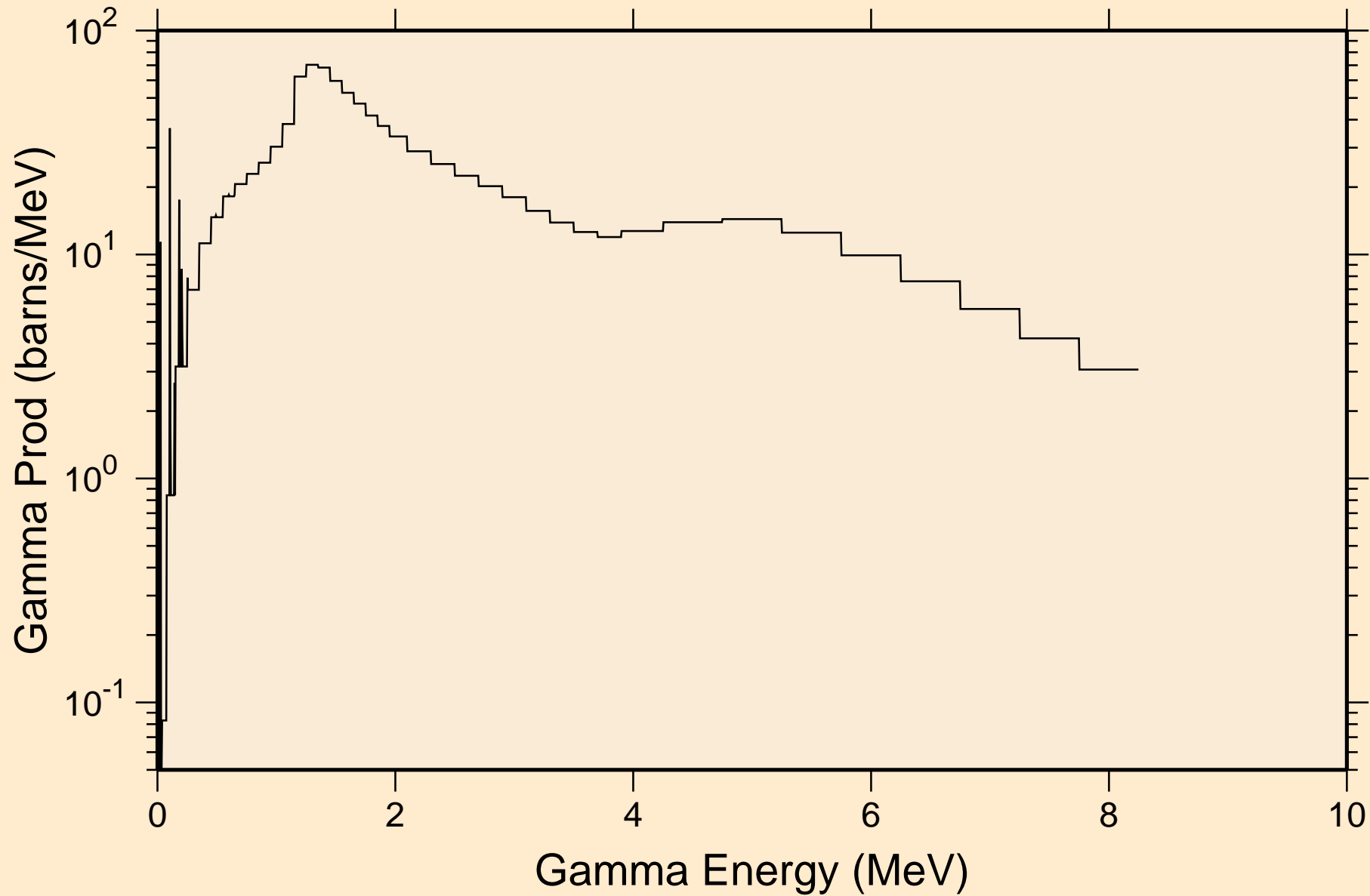
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



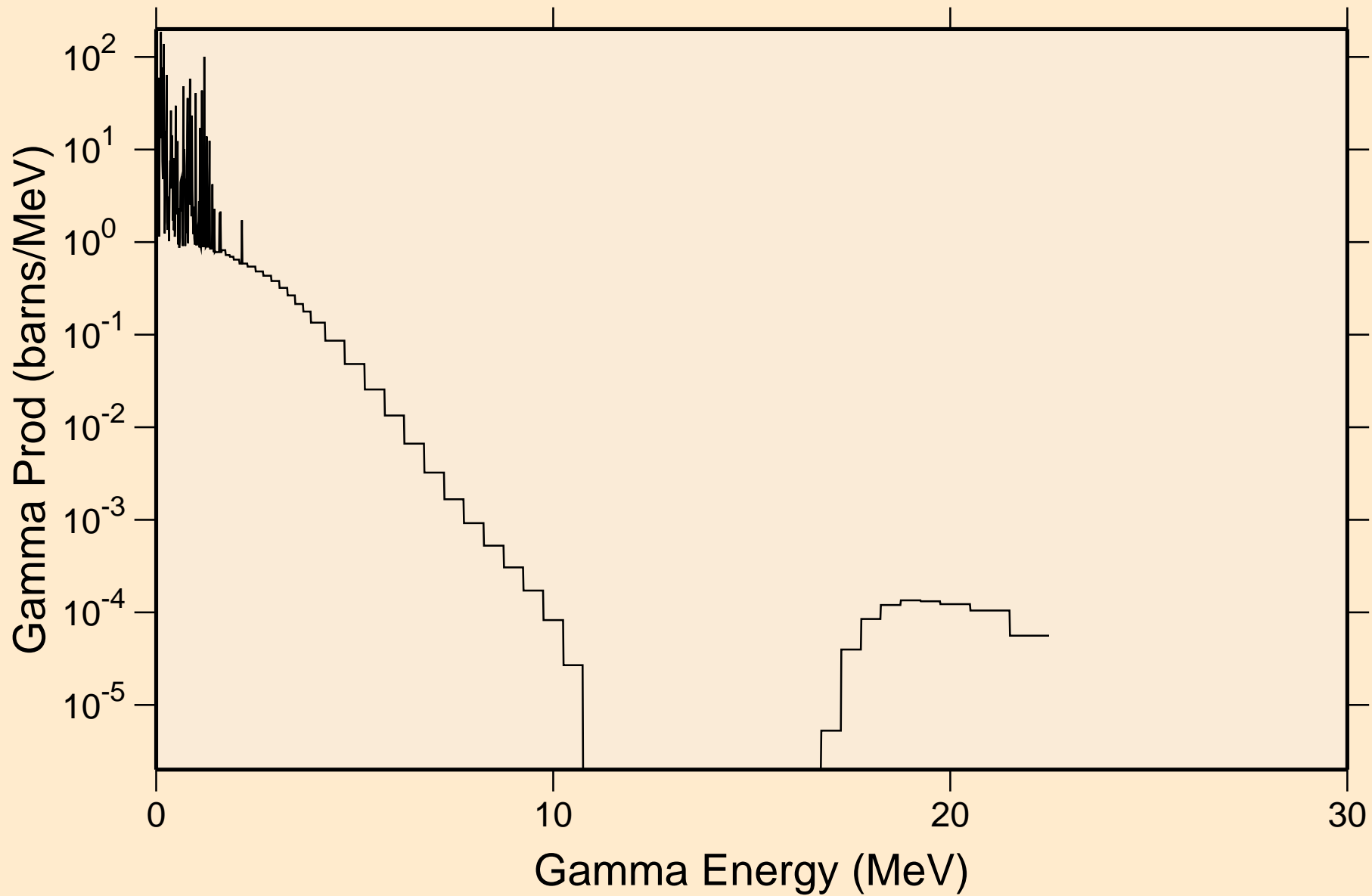
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

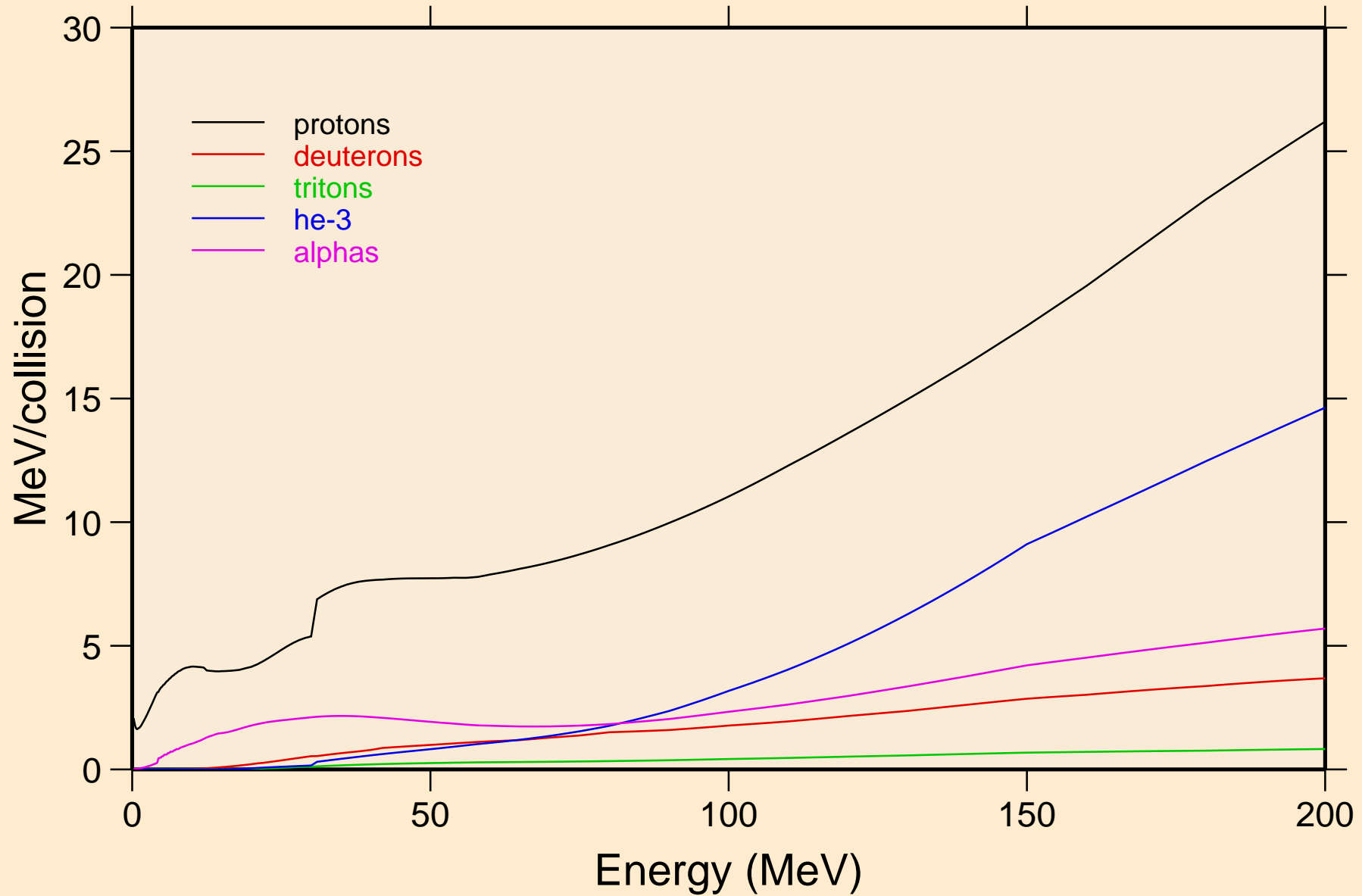


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



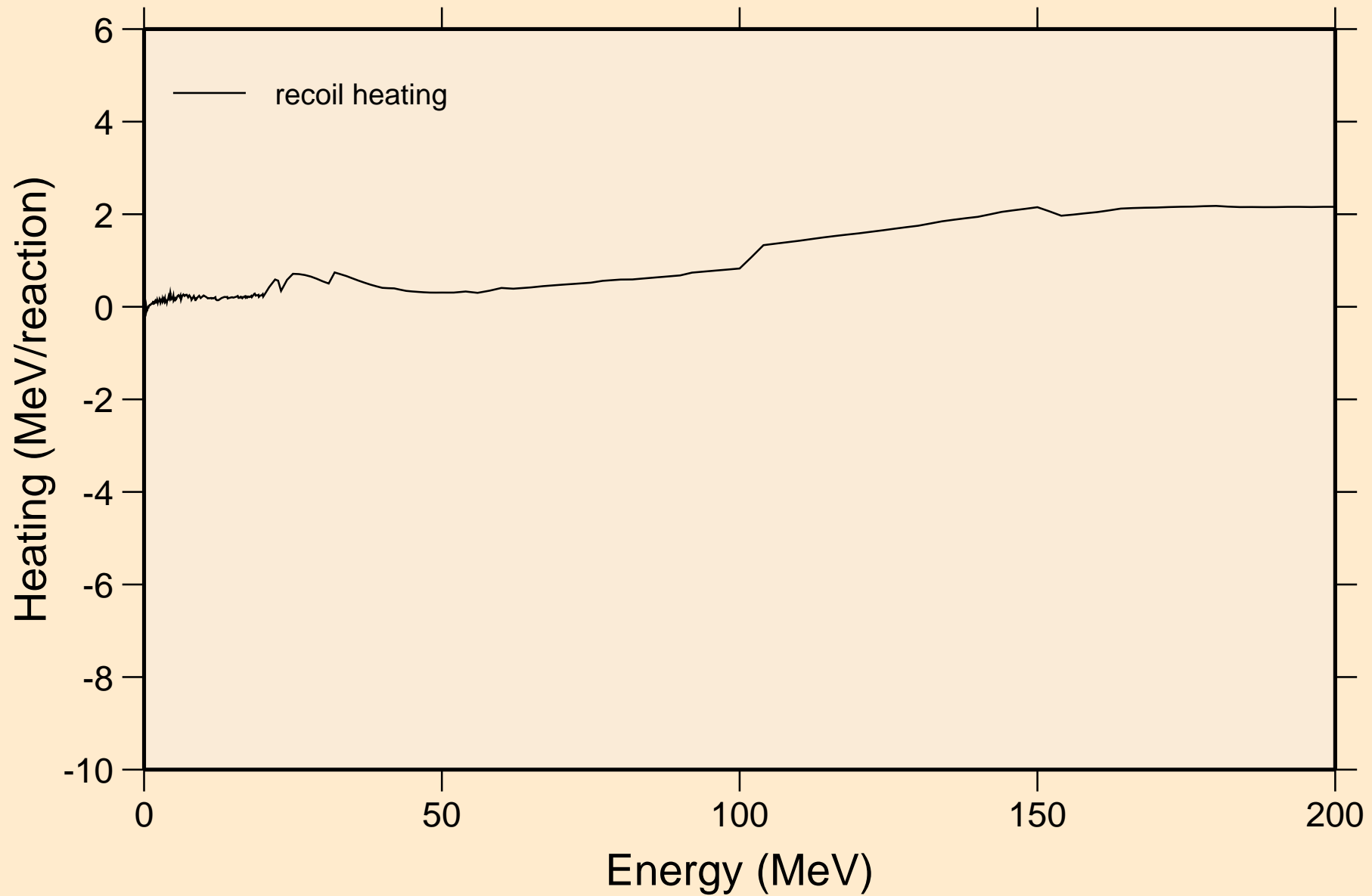
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## Particle heating contributions



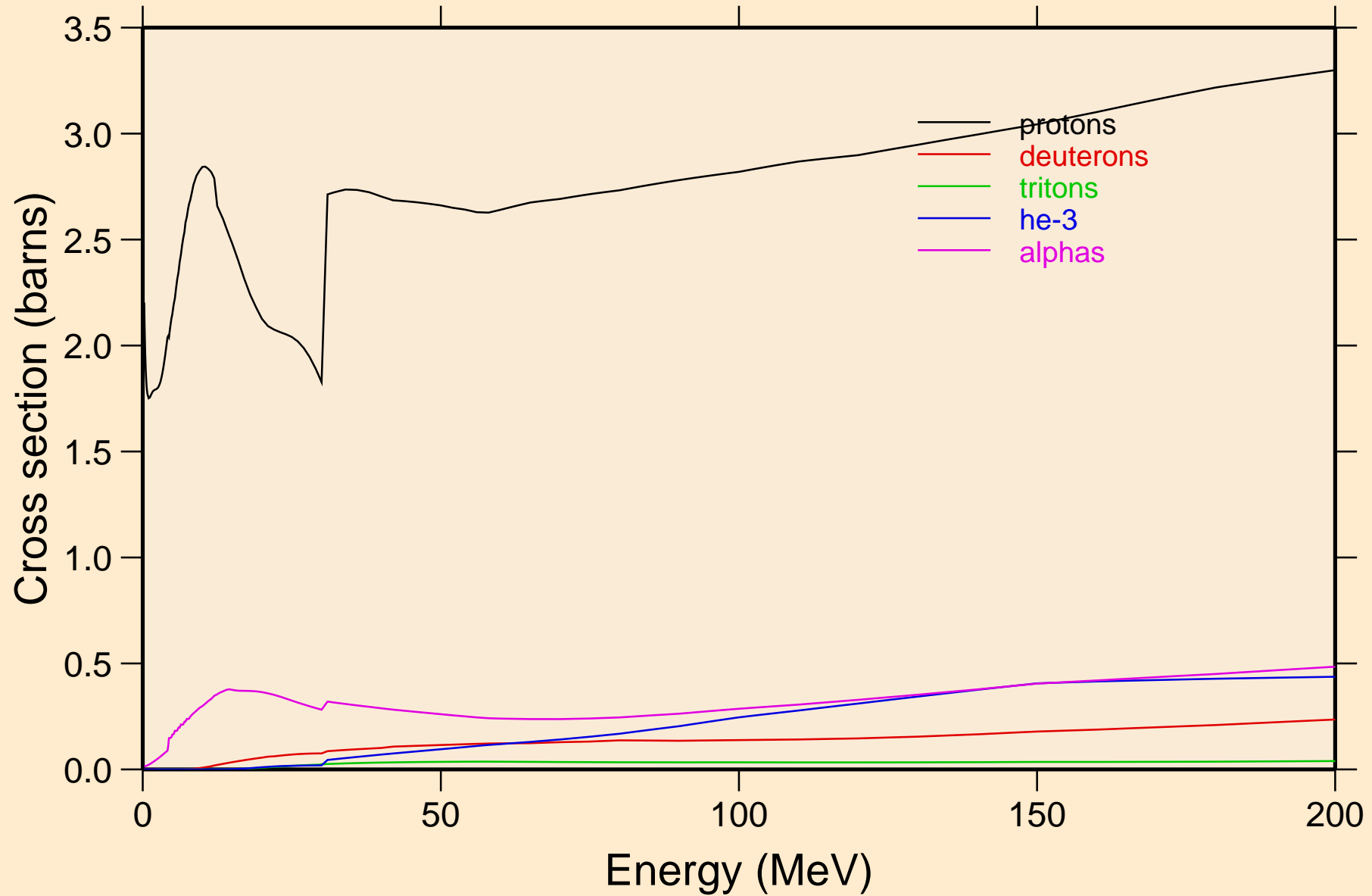
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## Recoil Heating

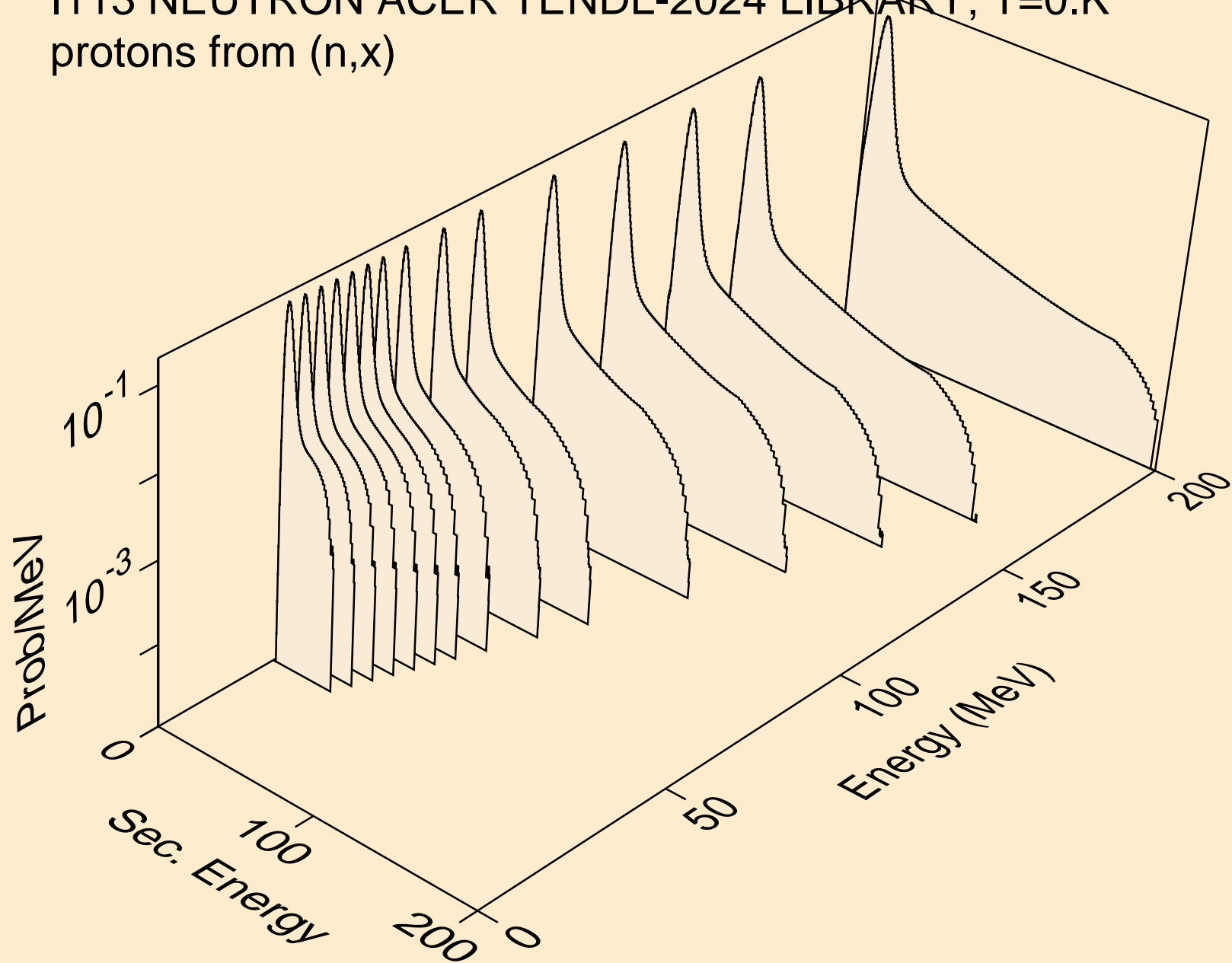


# I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

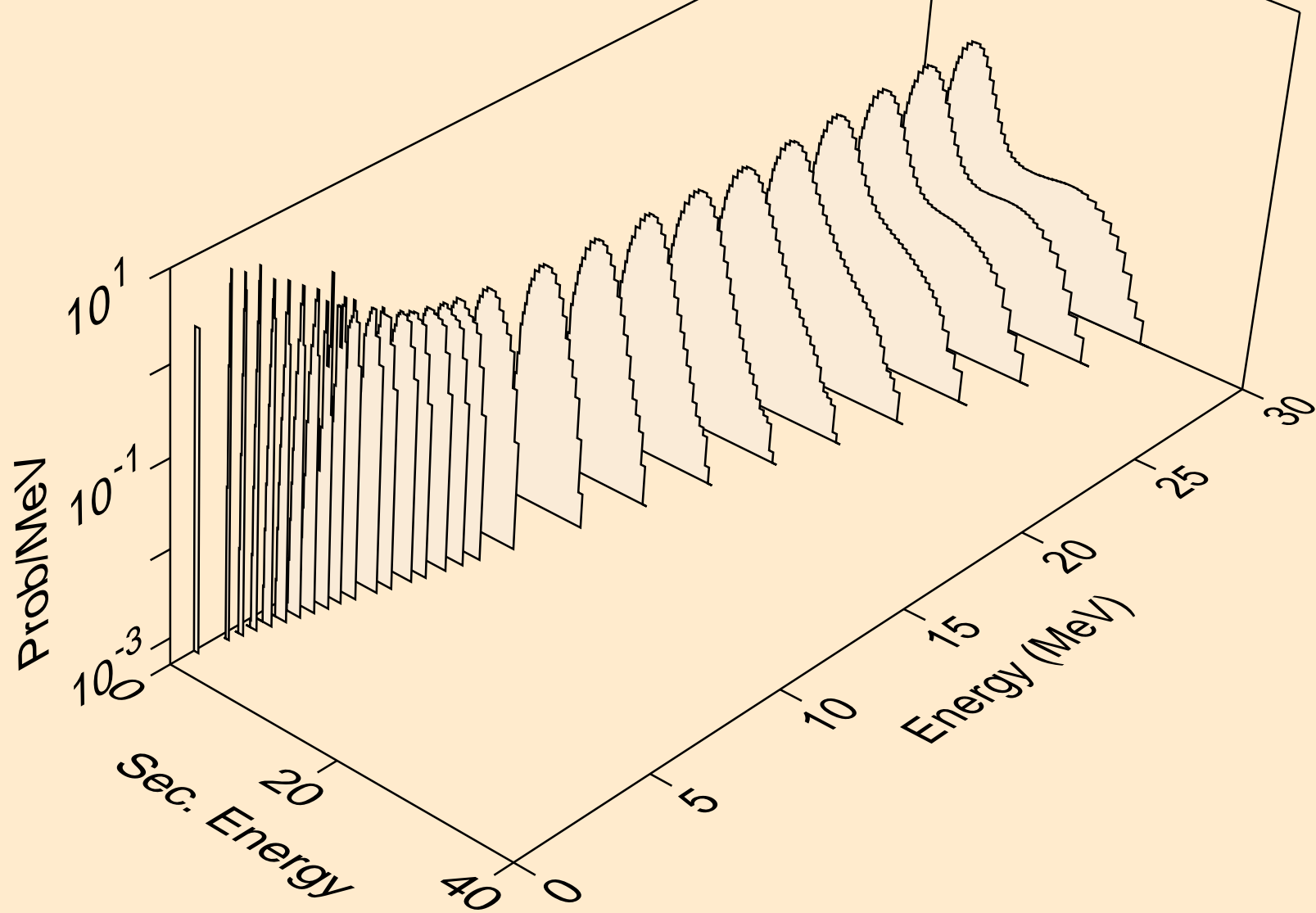


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

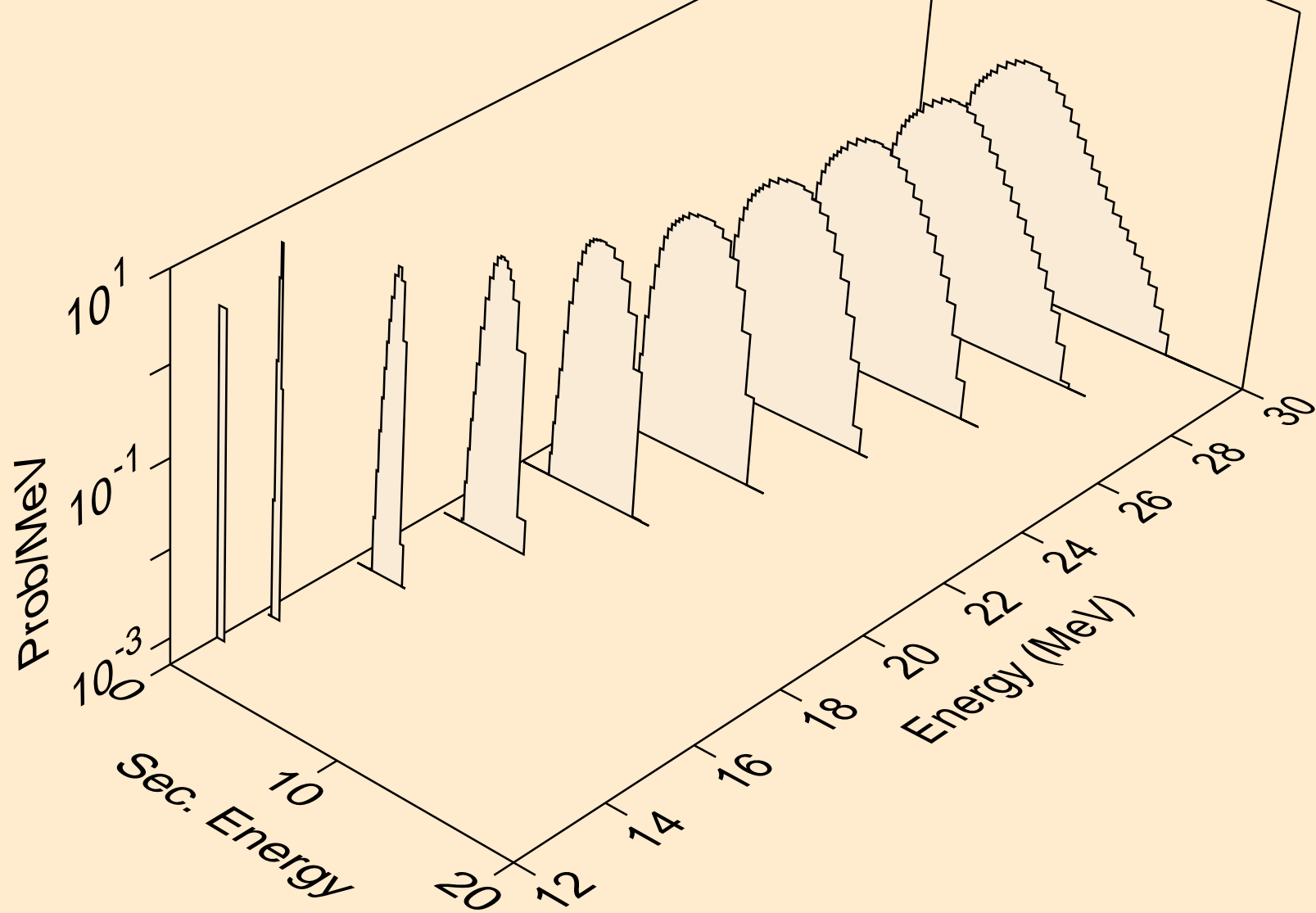




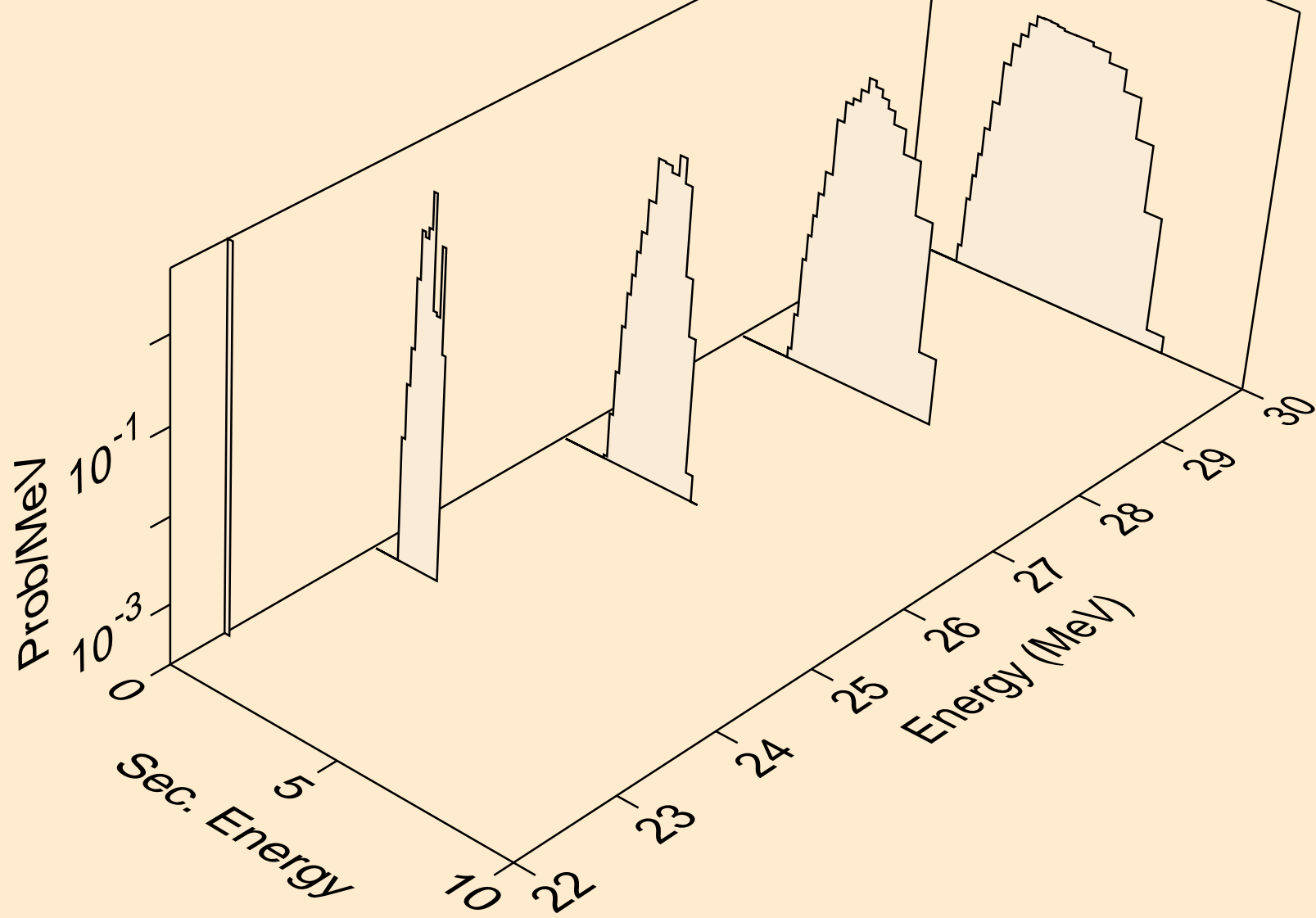
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



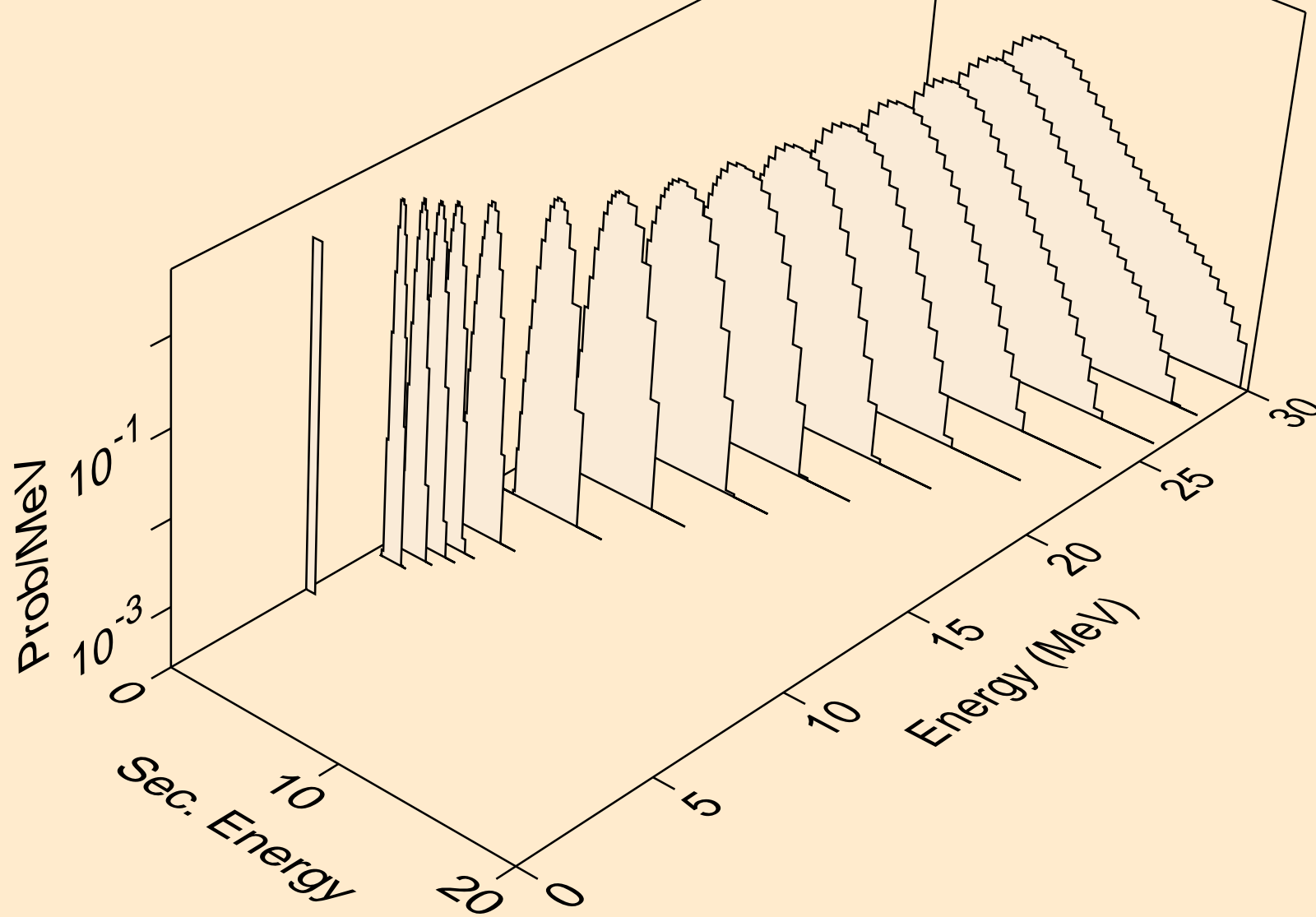
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



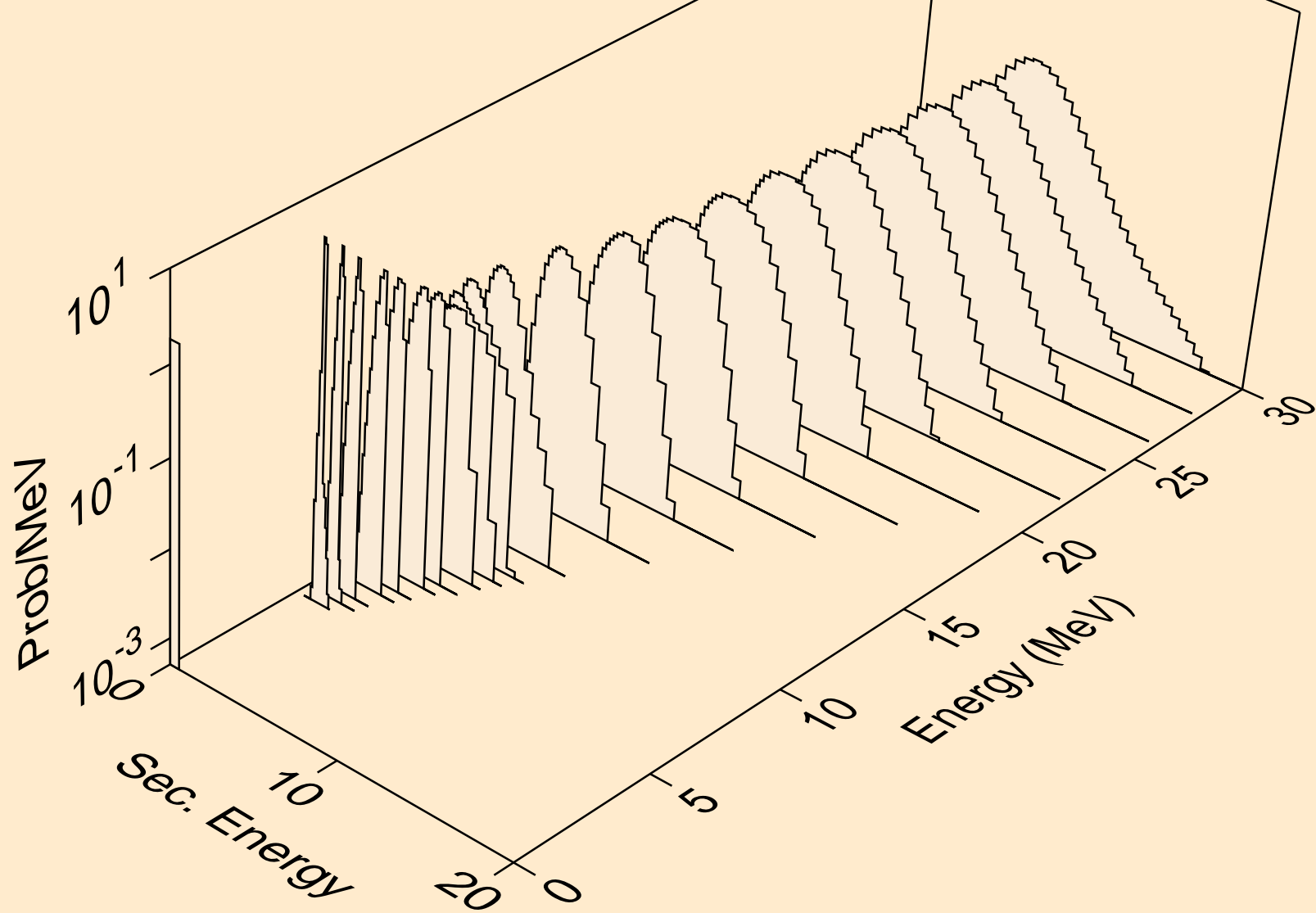
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



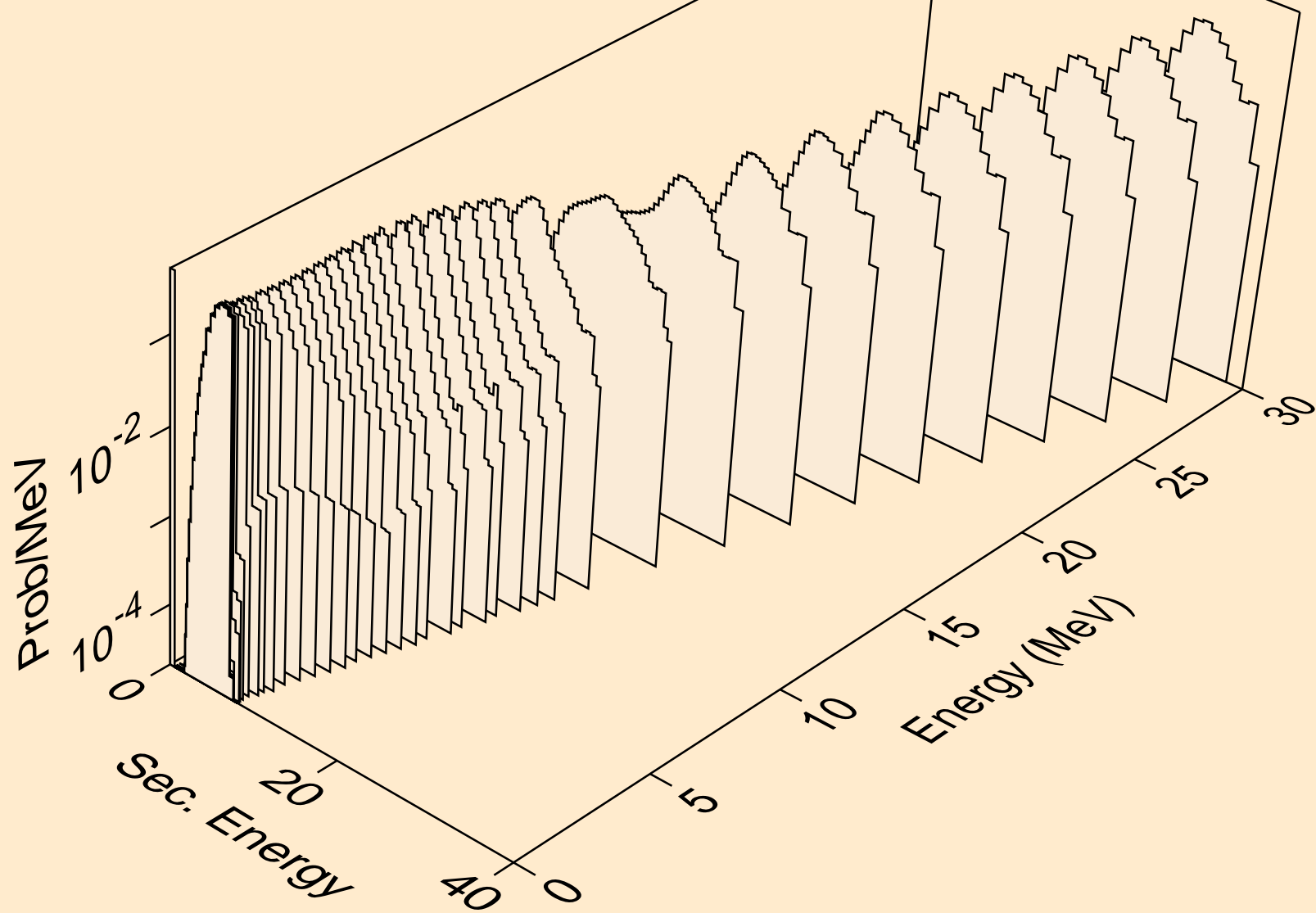
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protons from (n,n2p)



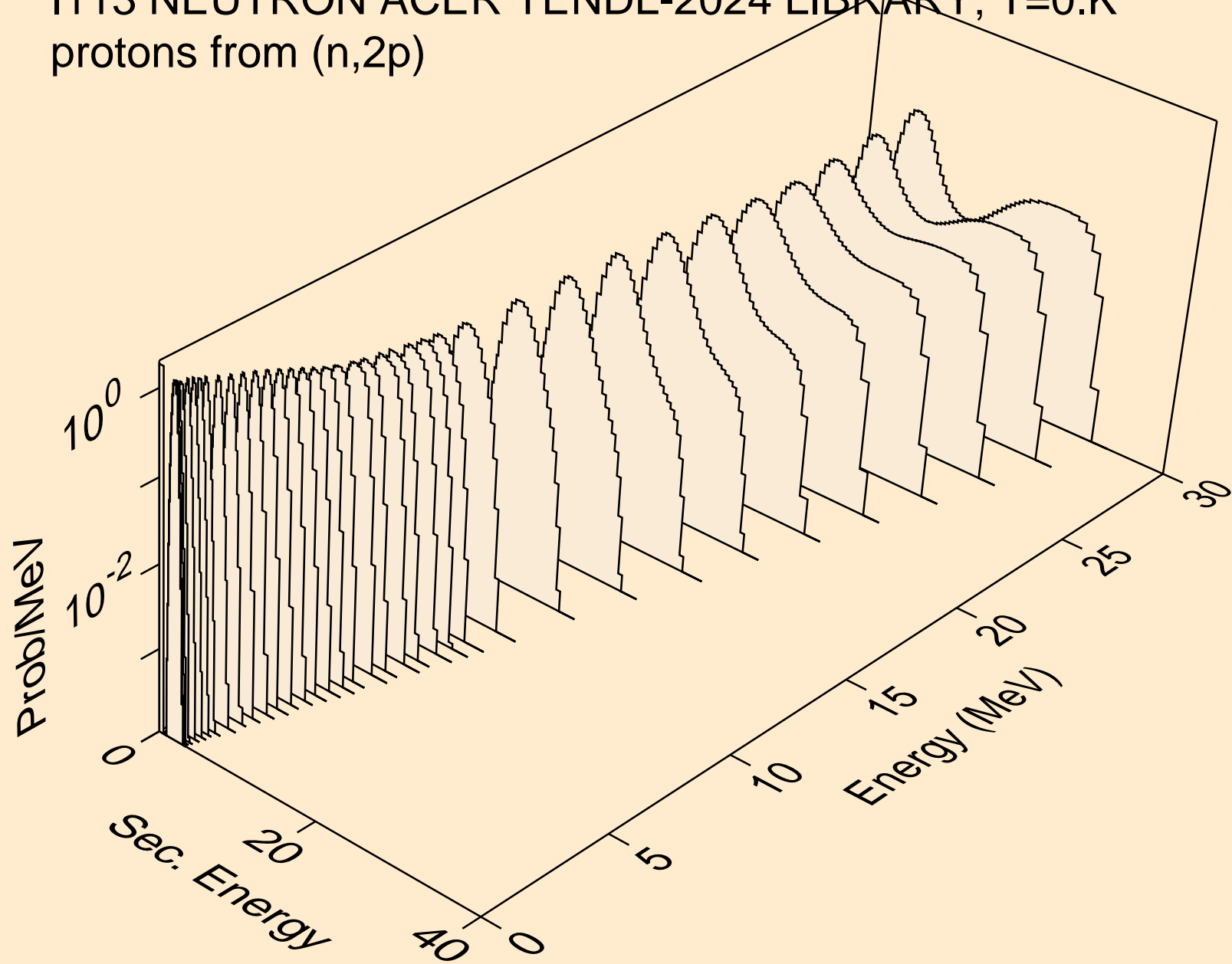
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protons from (n,npa)



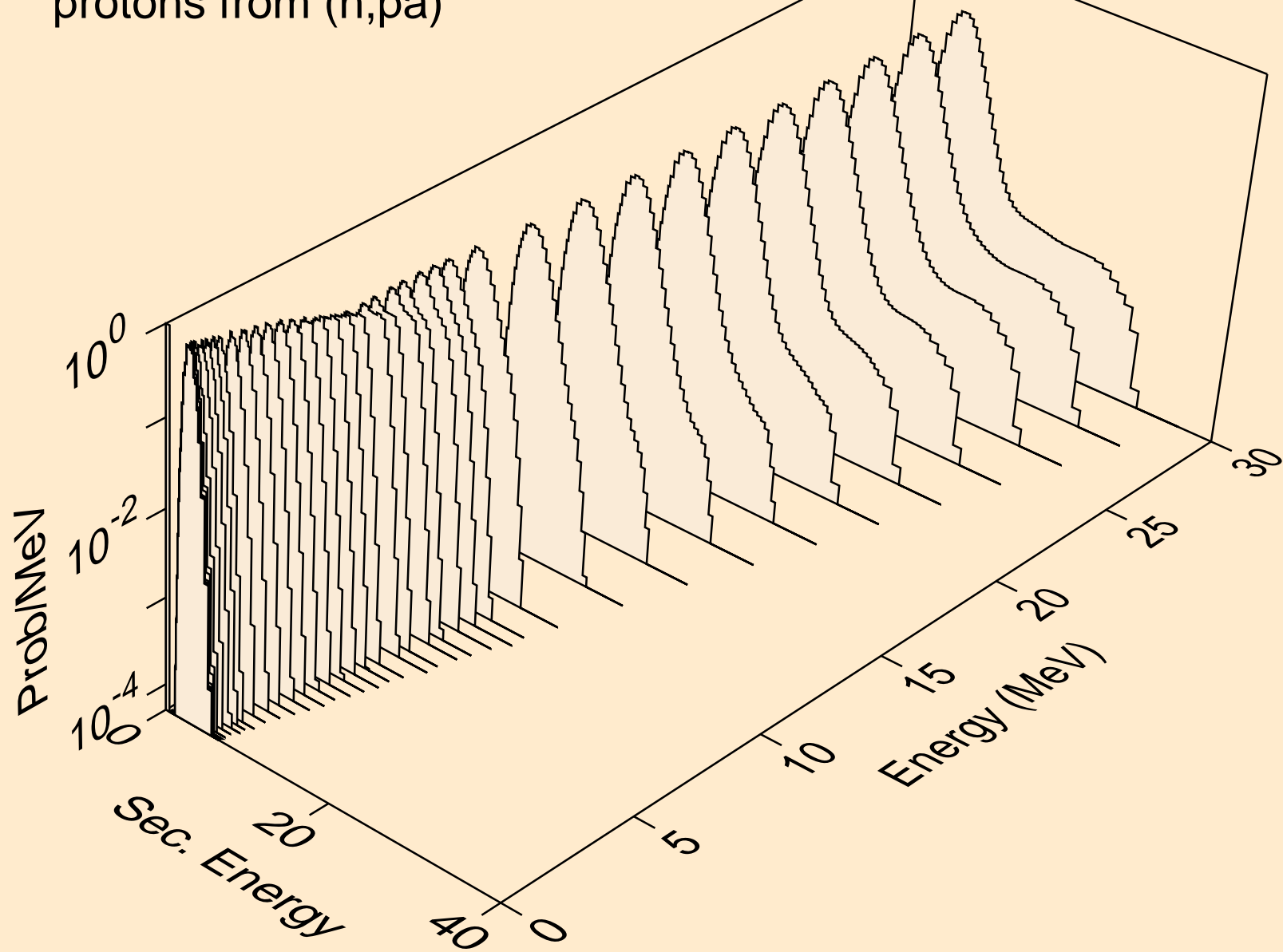
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protons from (n,p)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

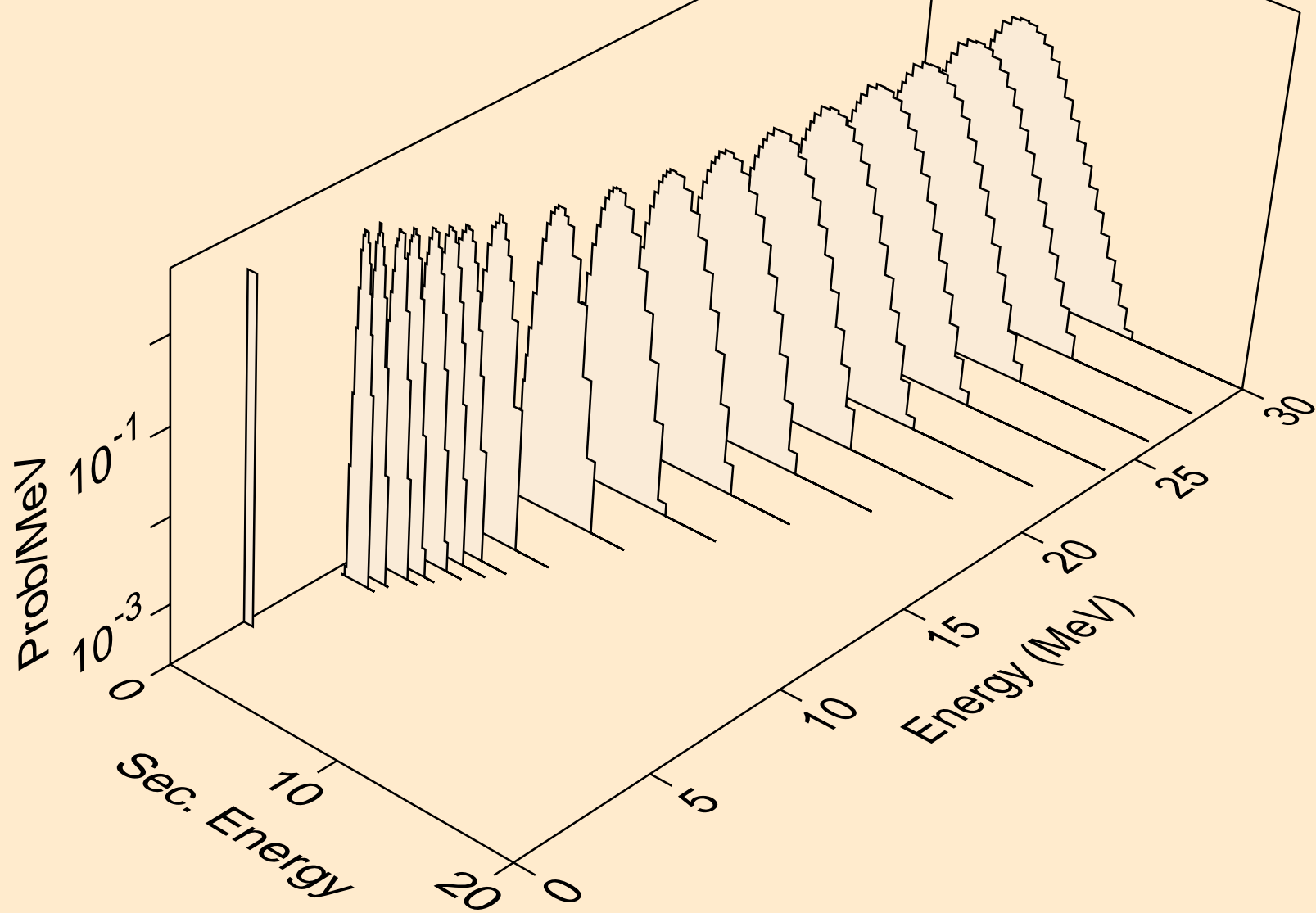


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

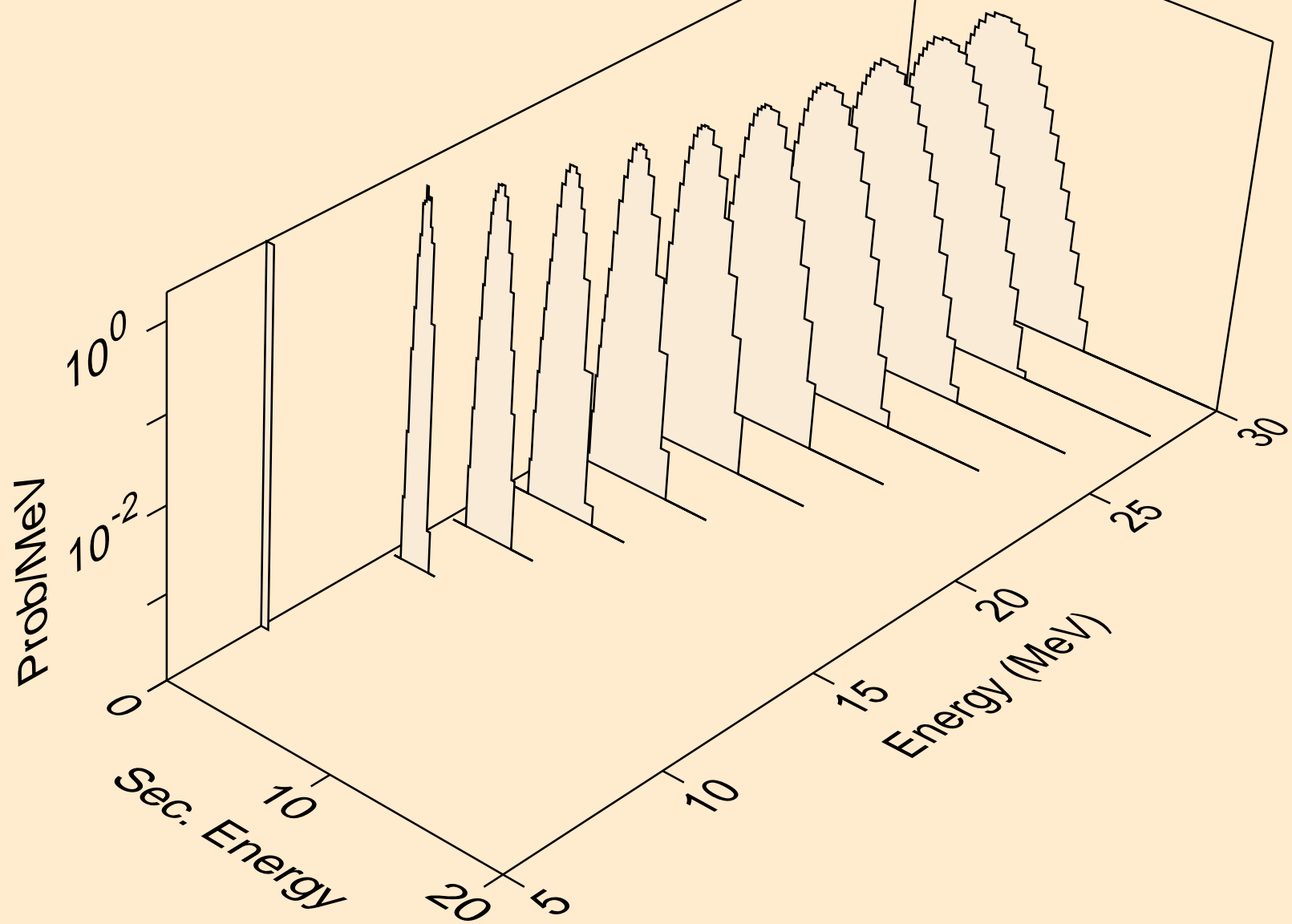




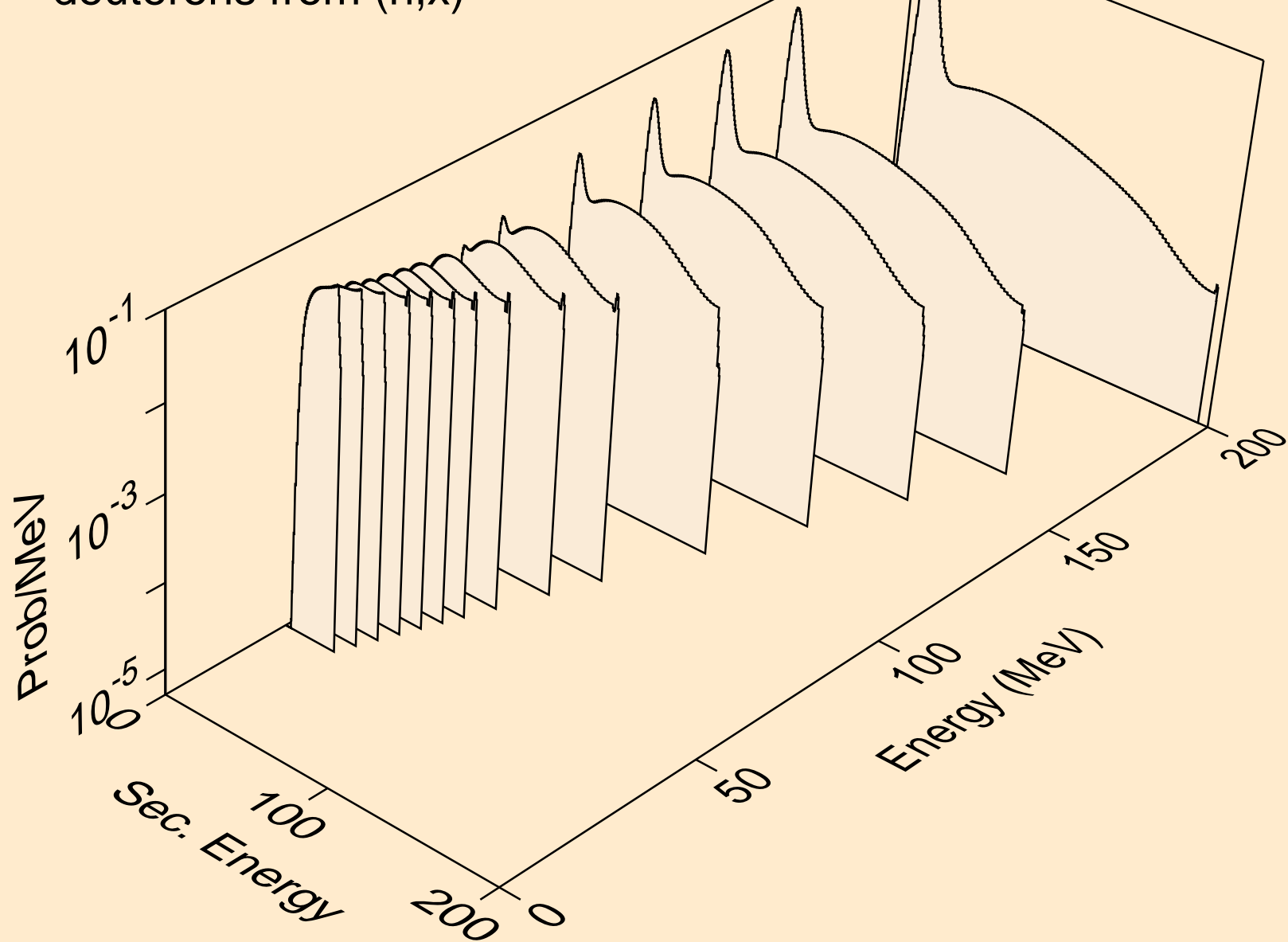
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protons from (n,pd)



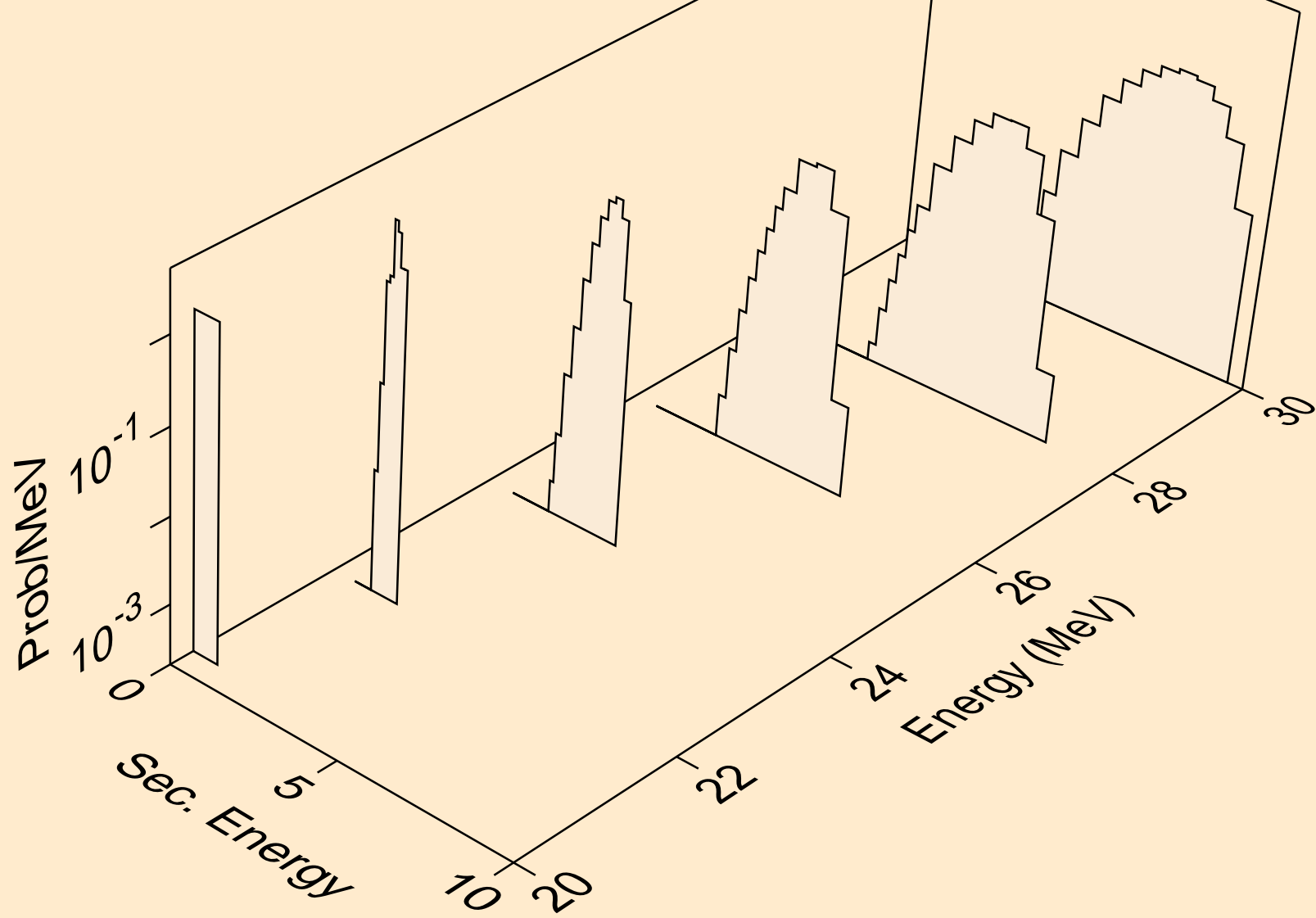
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protons from (n,pt)



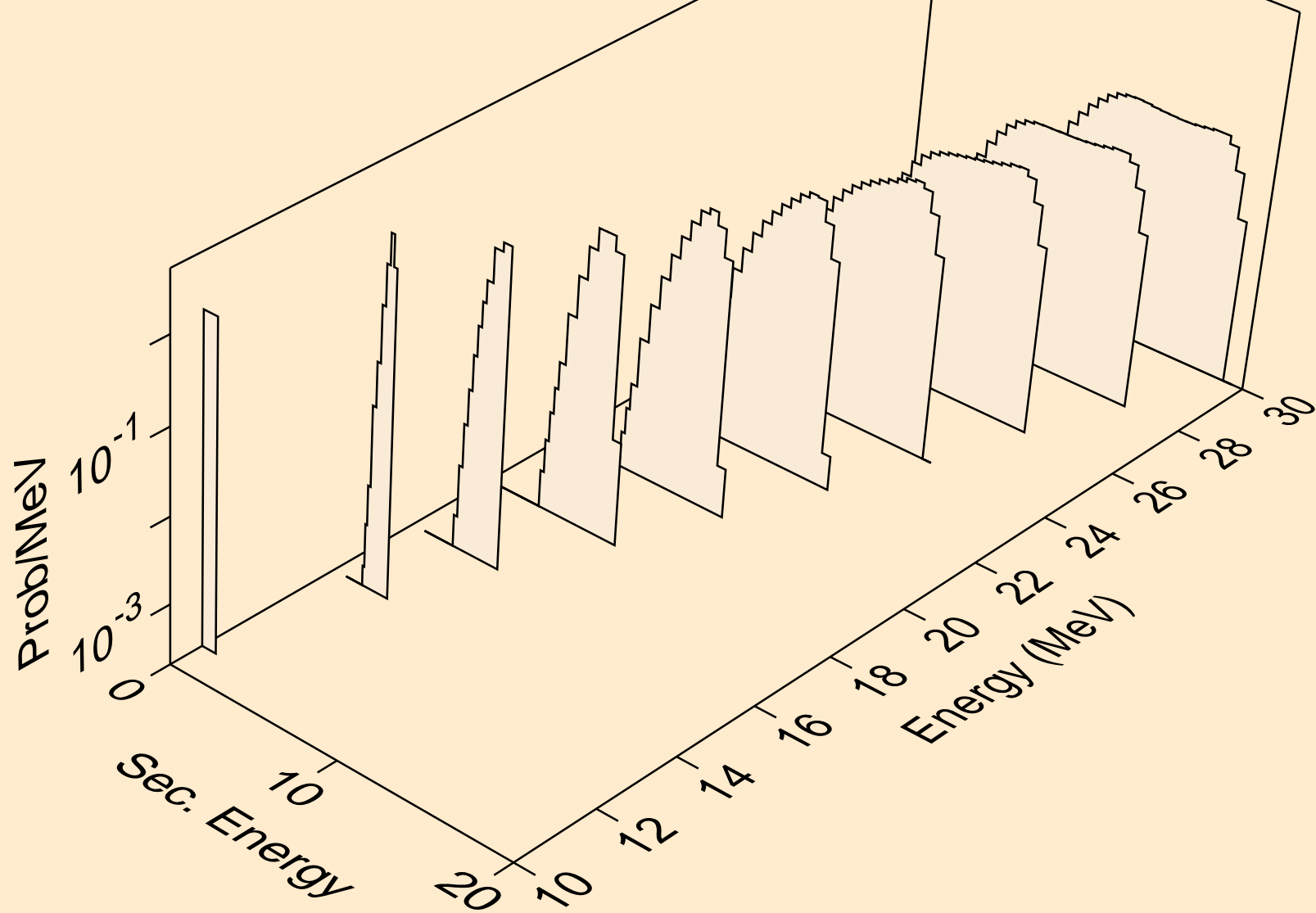
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



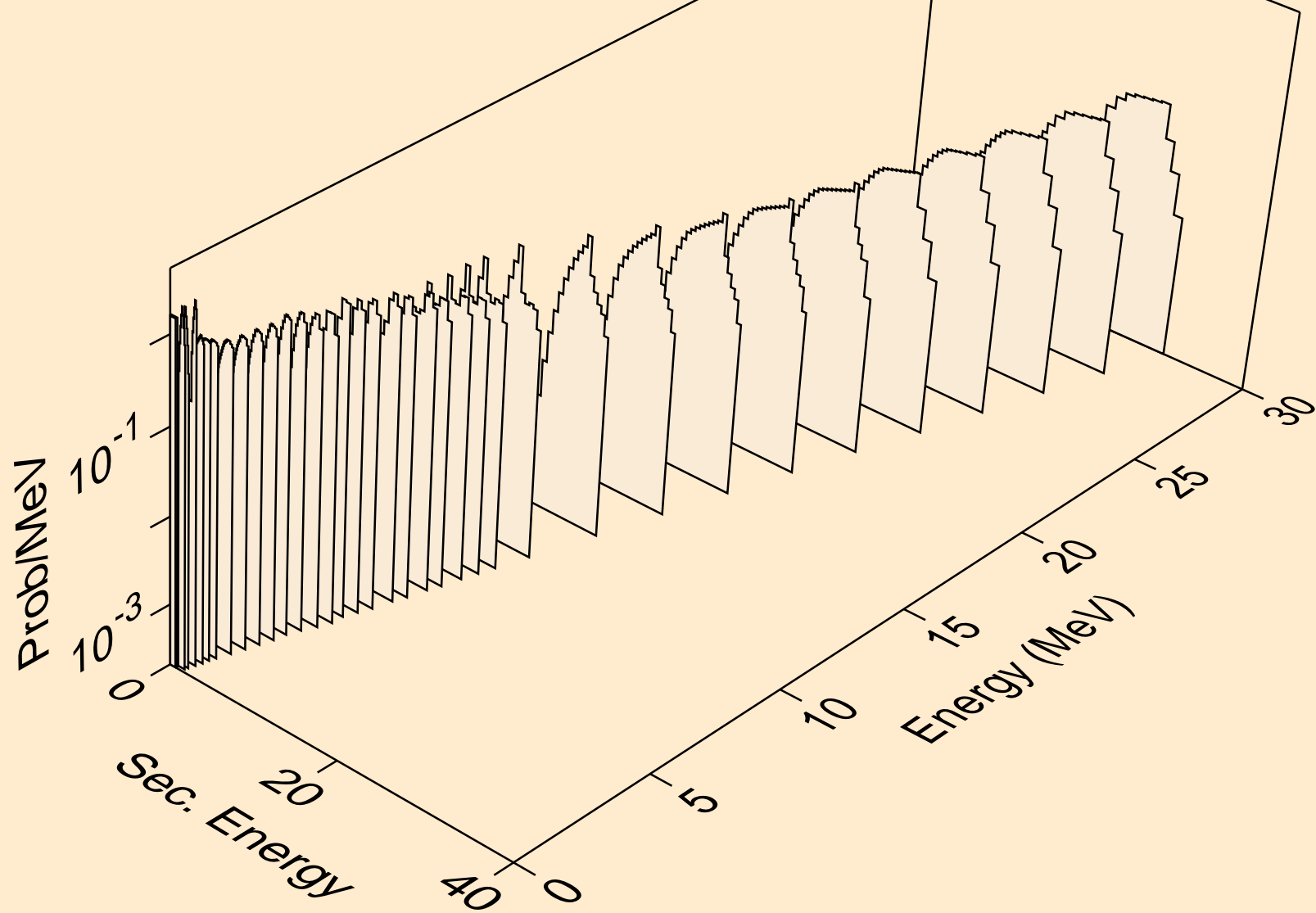
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deuterons from (n,2nd)



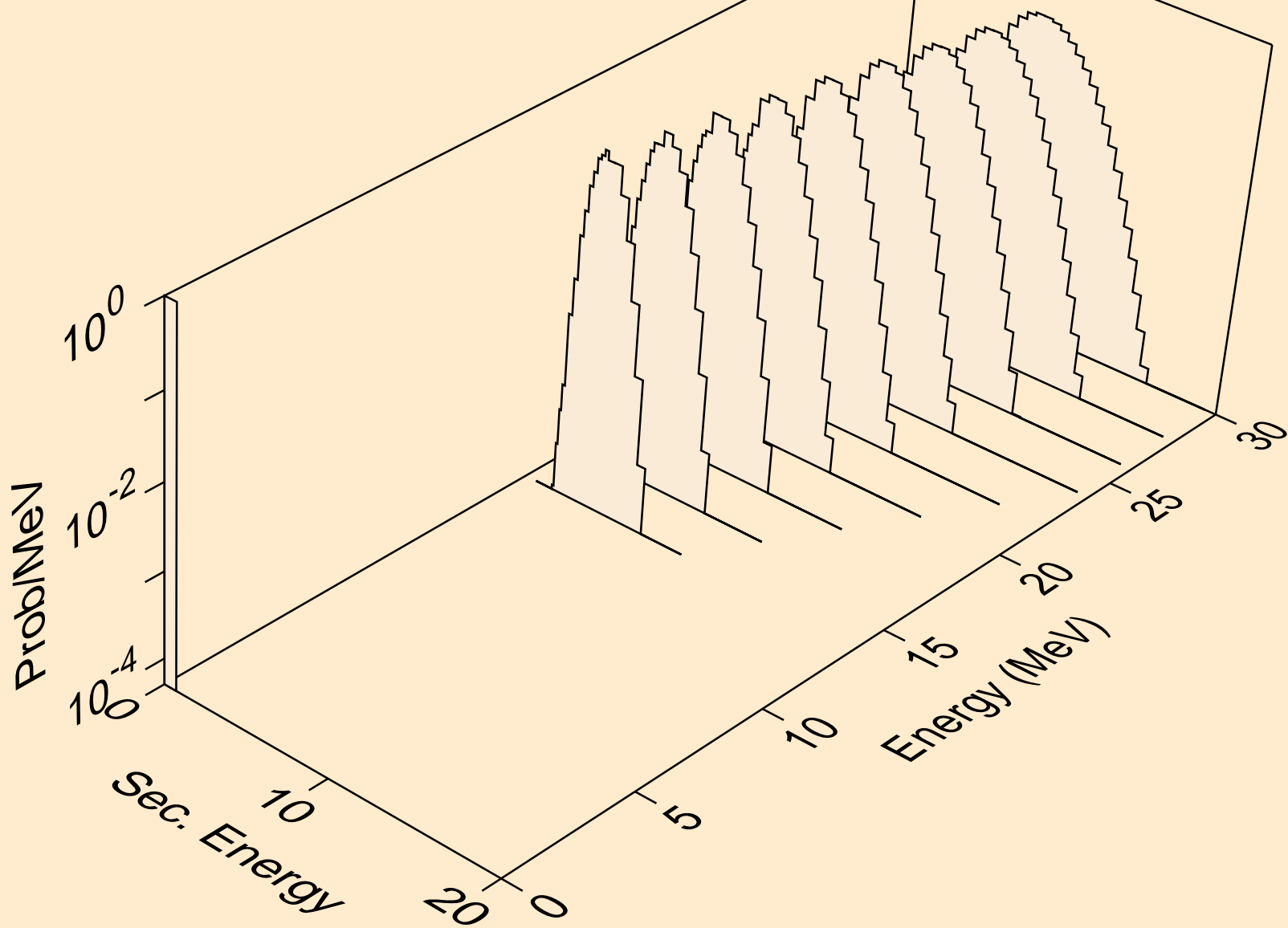
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deuterons from (n,n\*)d



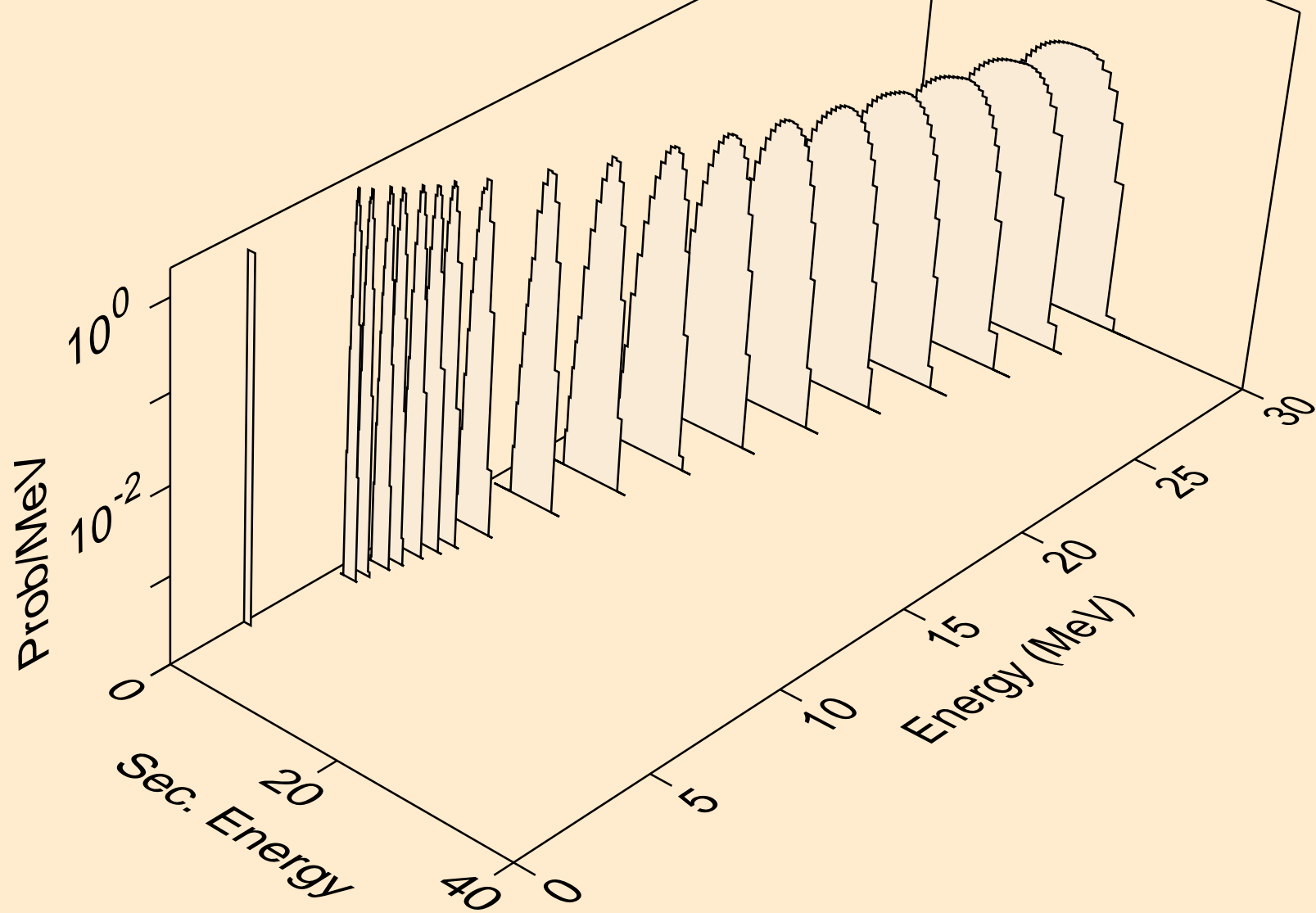
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deuterons from (n,d)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)

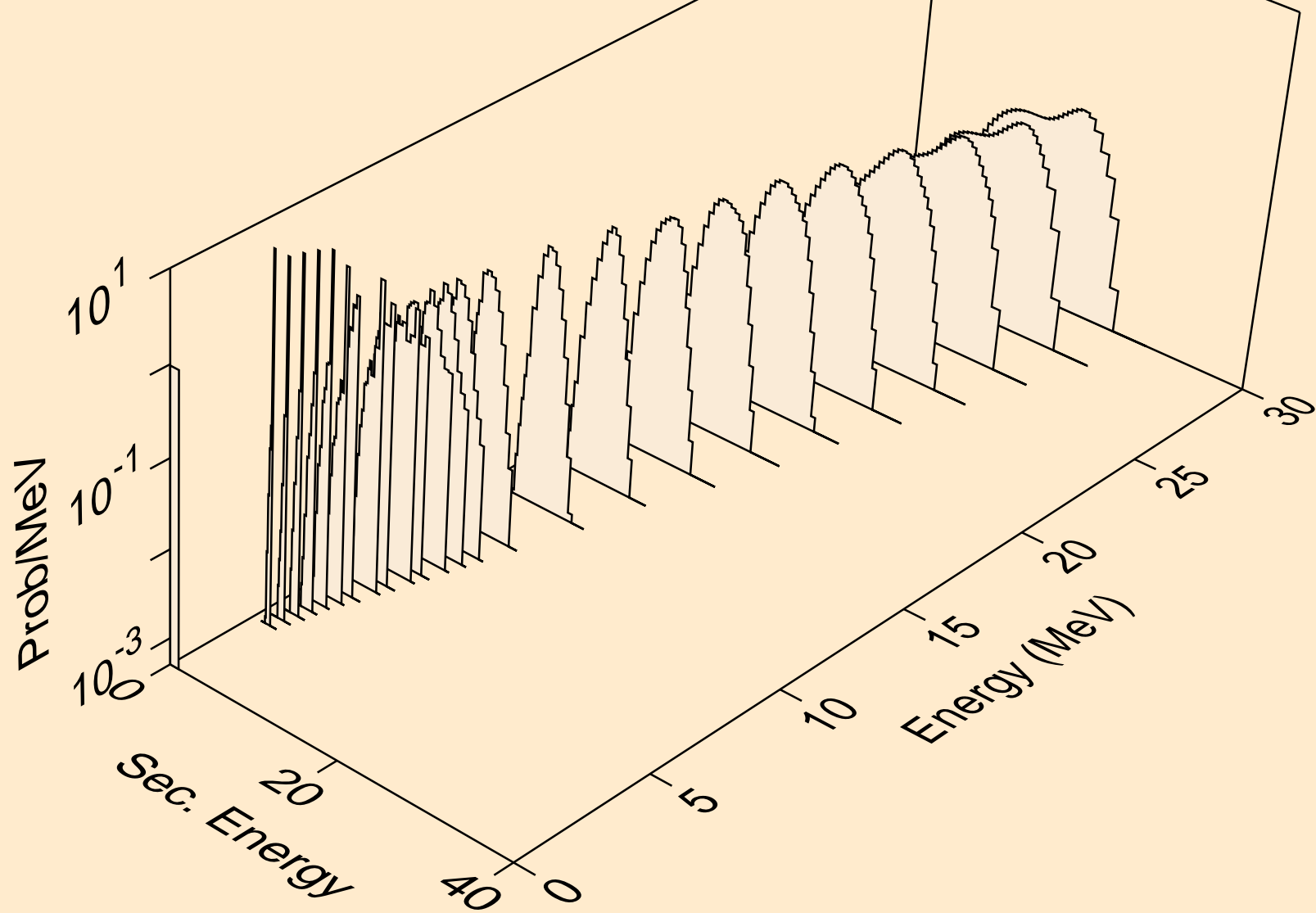


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

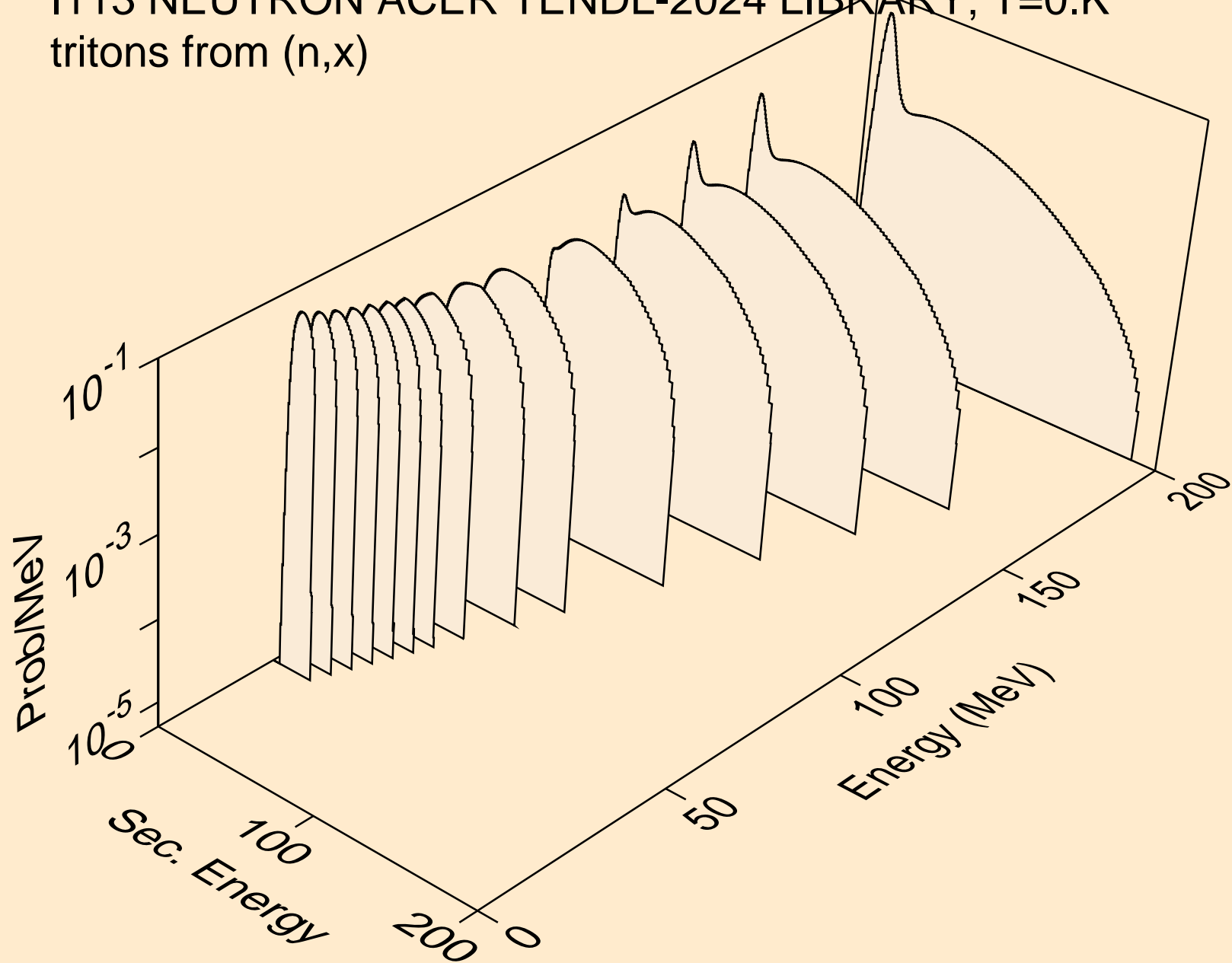




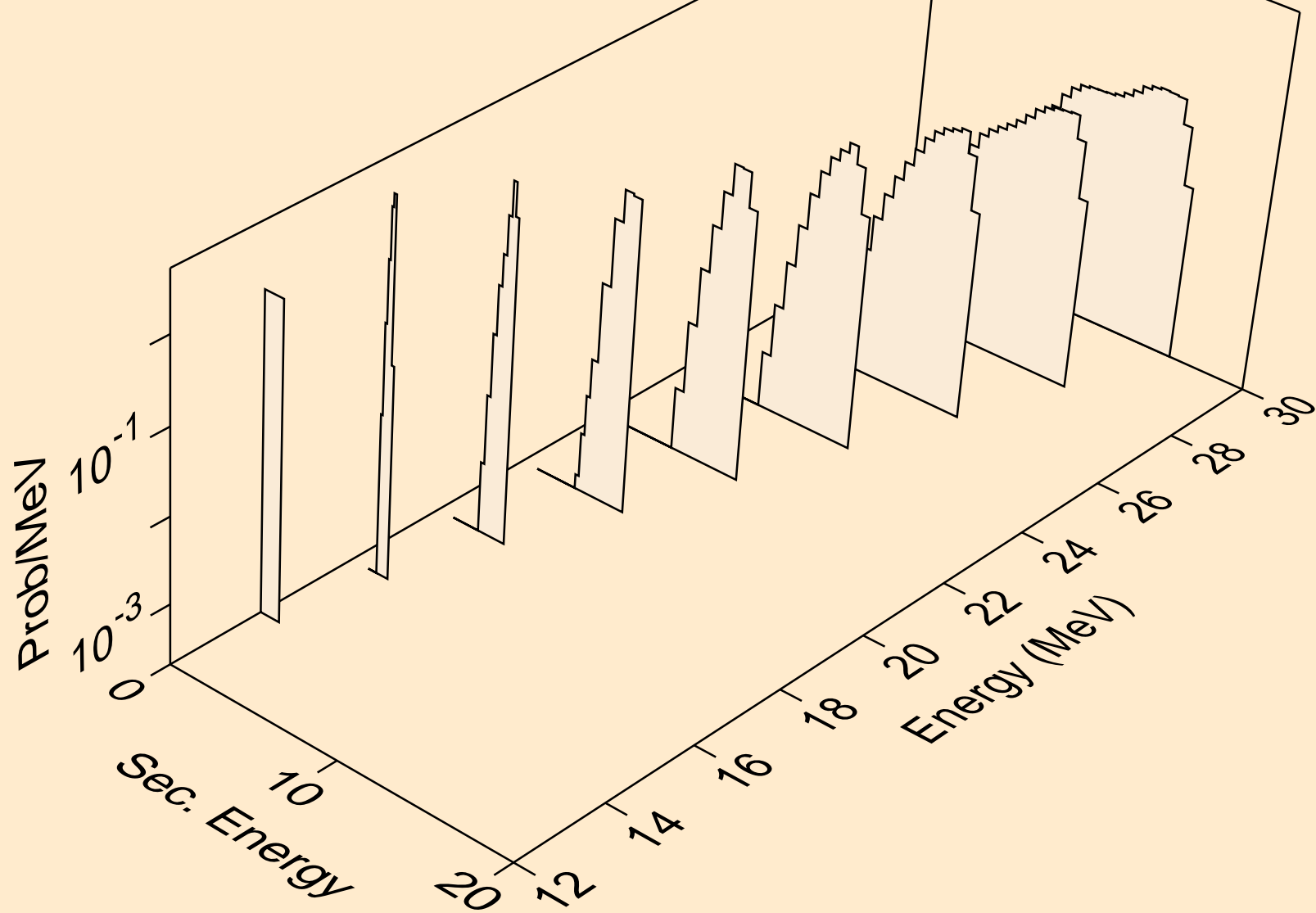
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deuterons from (n,da)



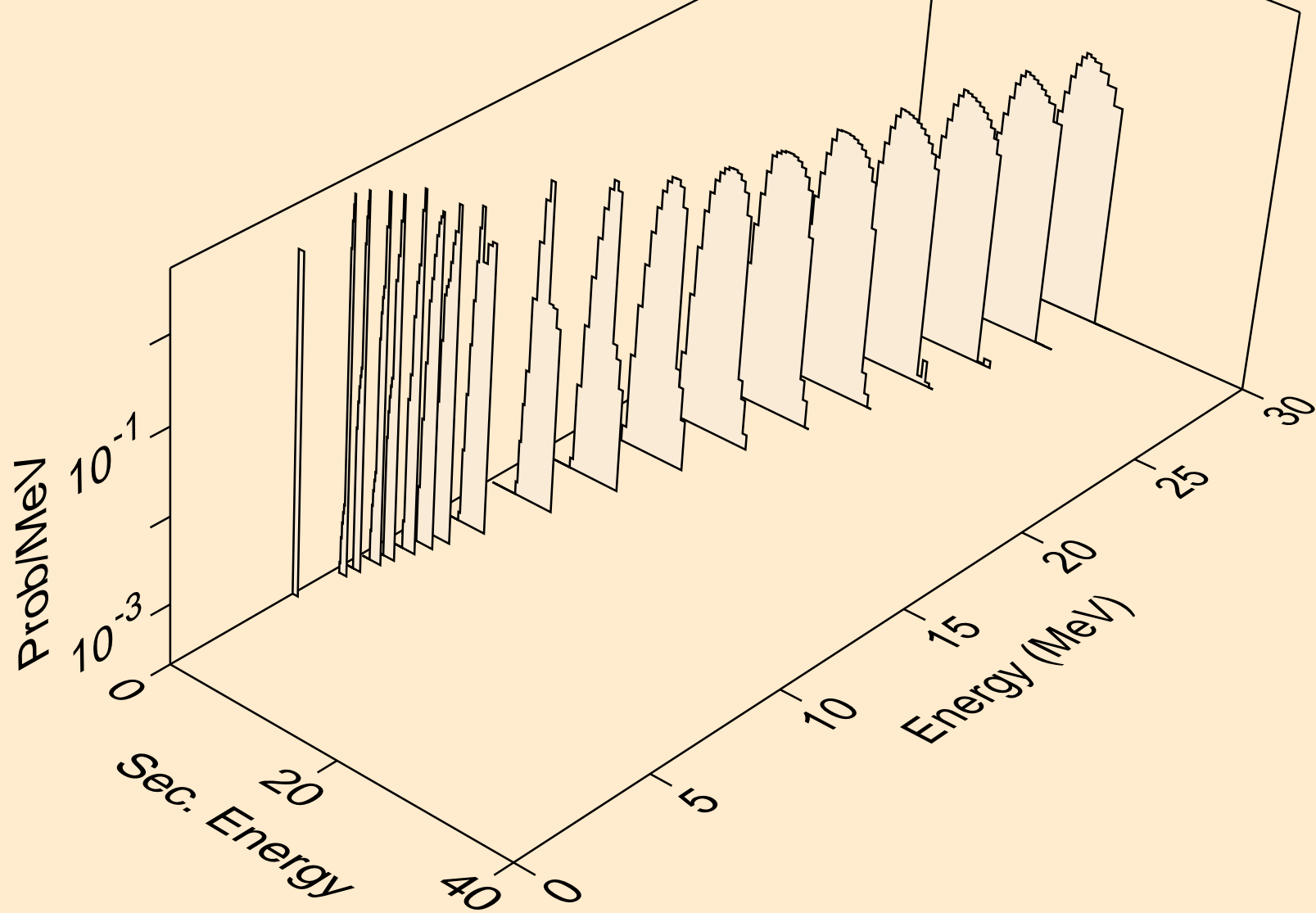
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tritons from (n,x)



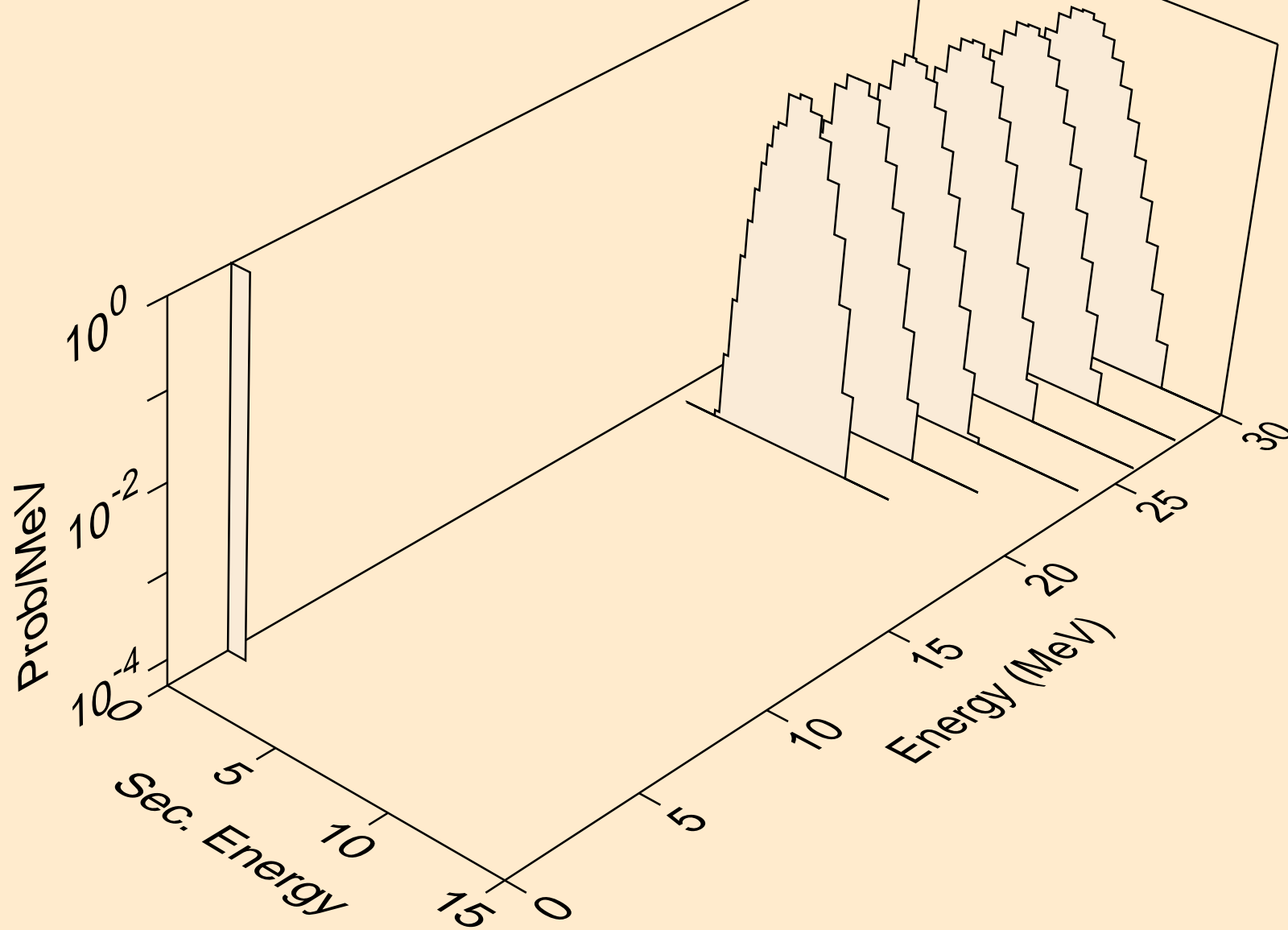
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



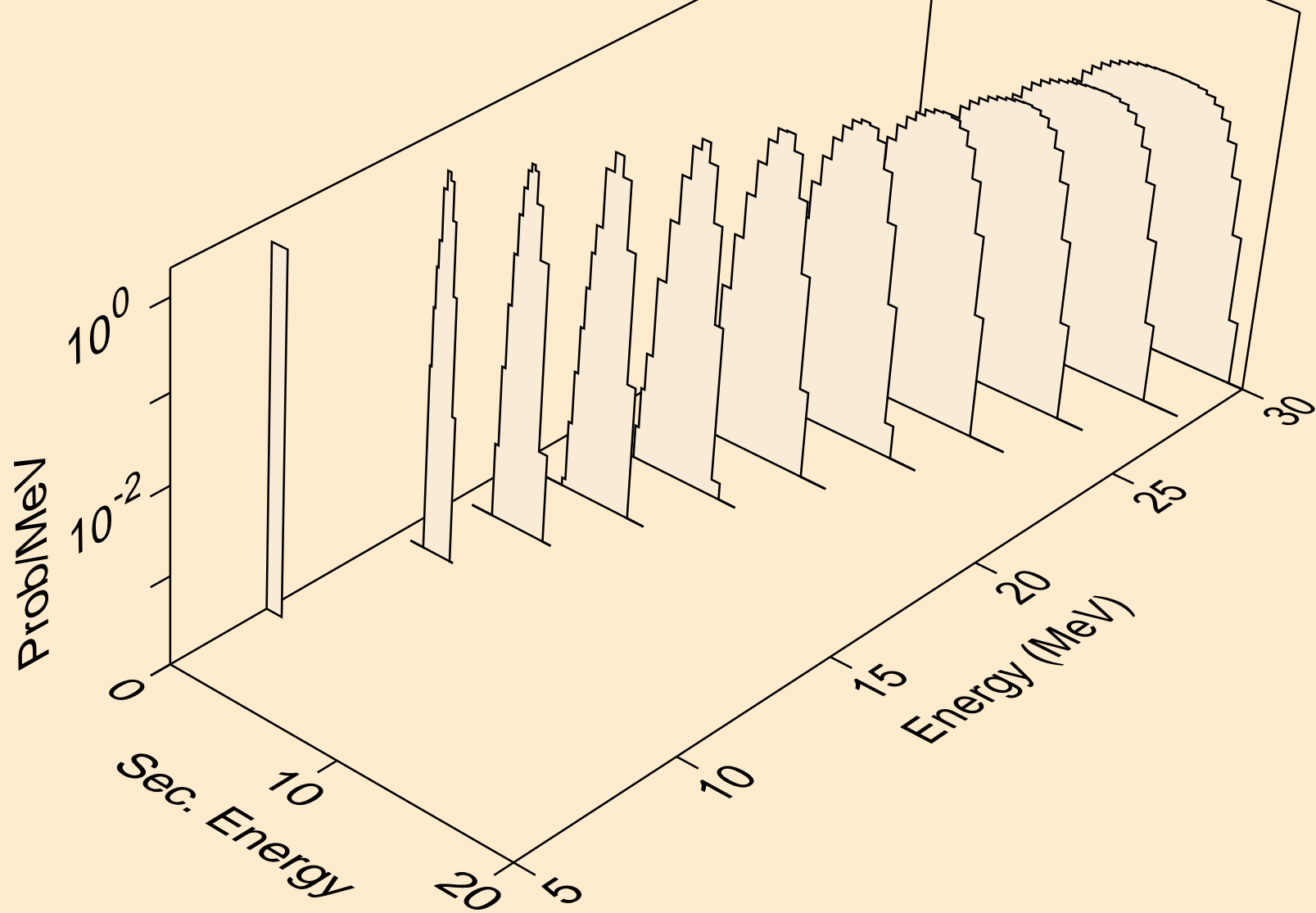
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tritons from (n,t)



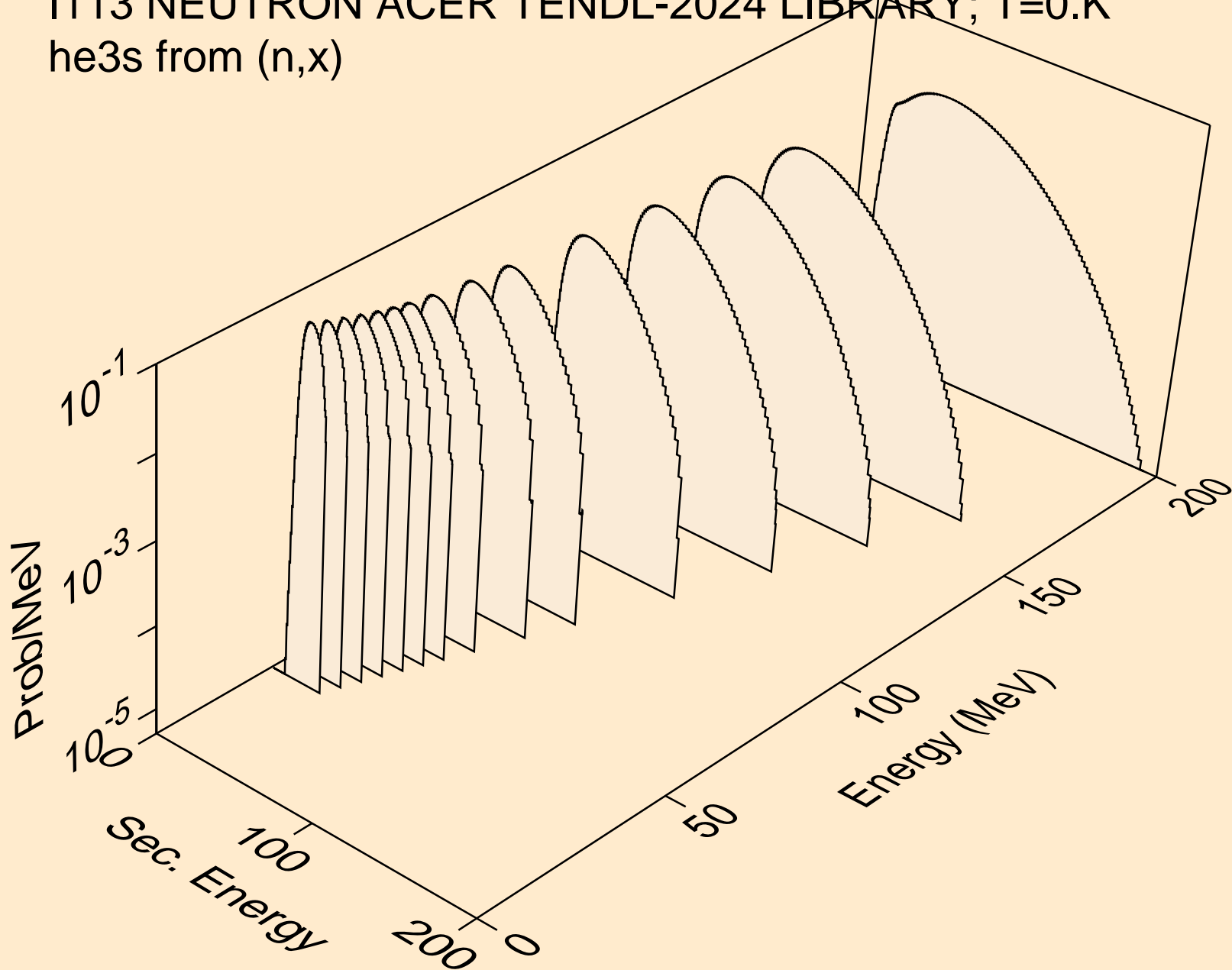
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tritons from (n,t2a)



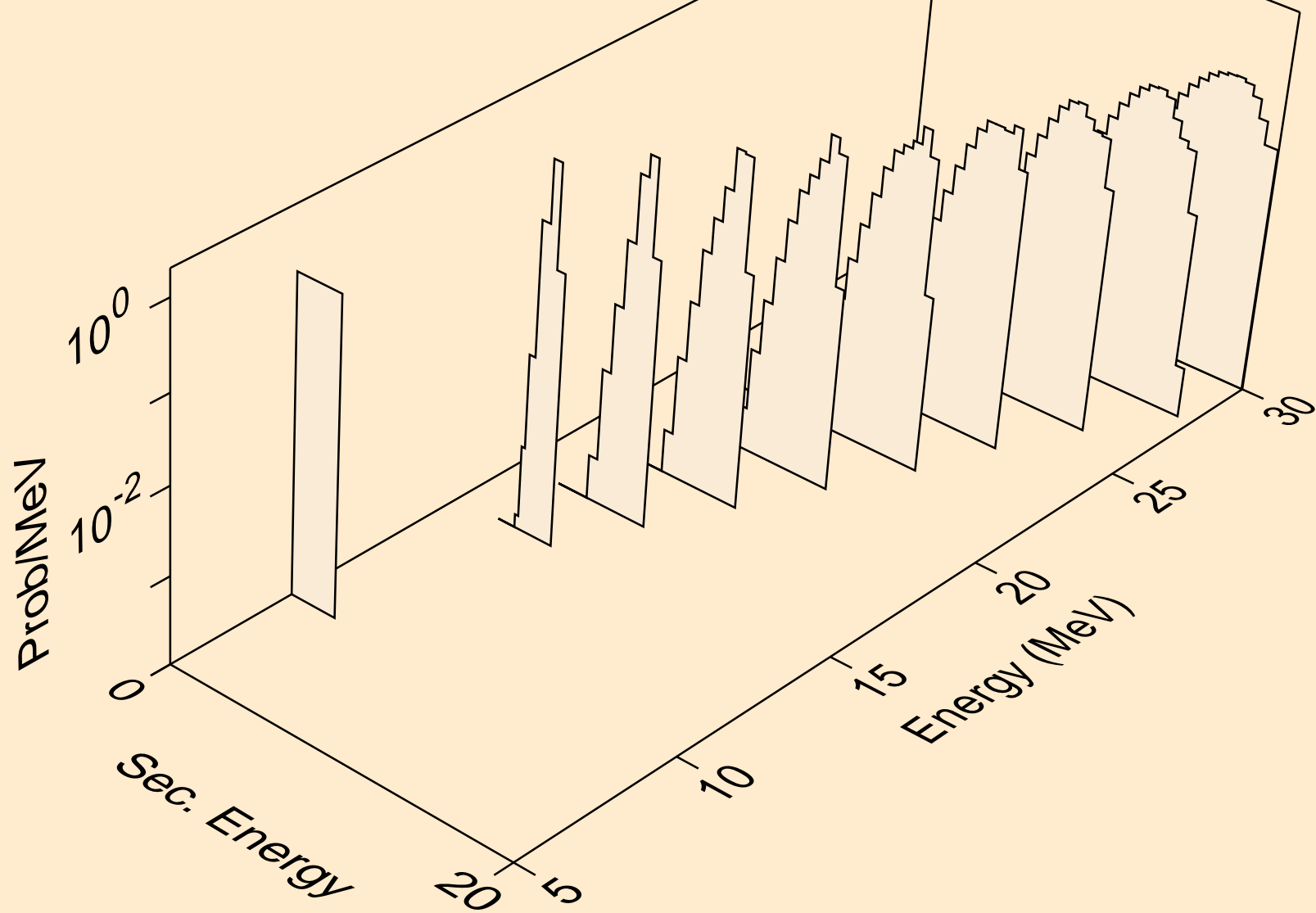
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

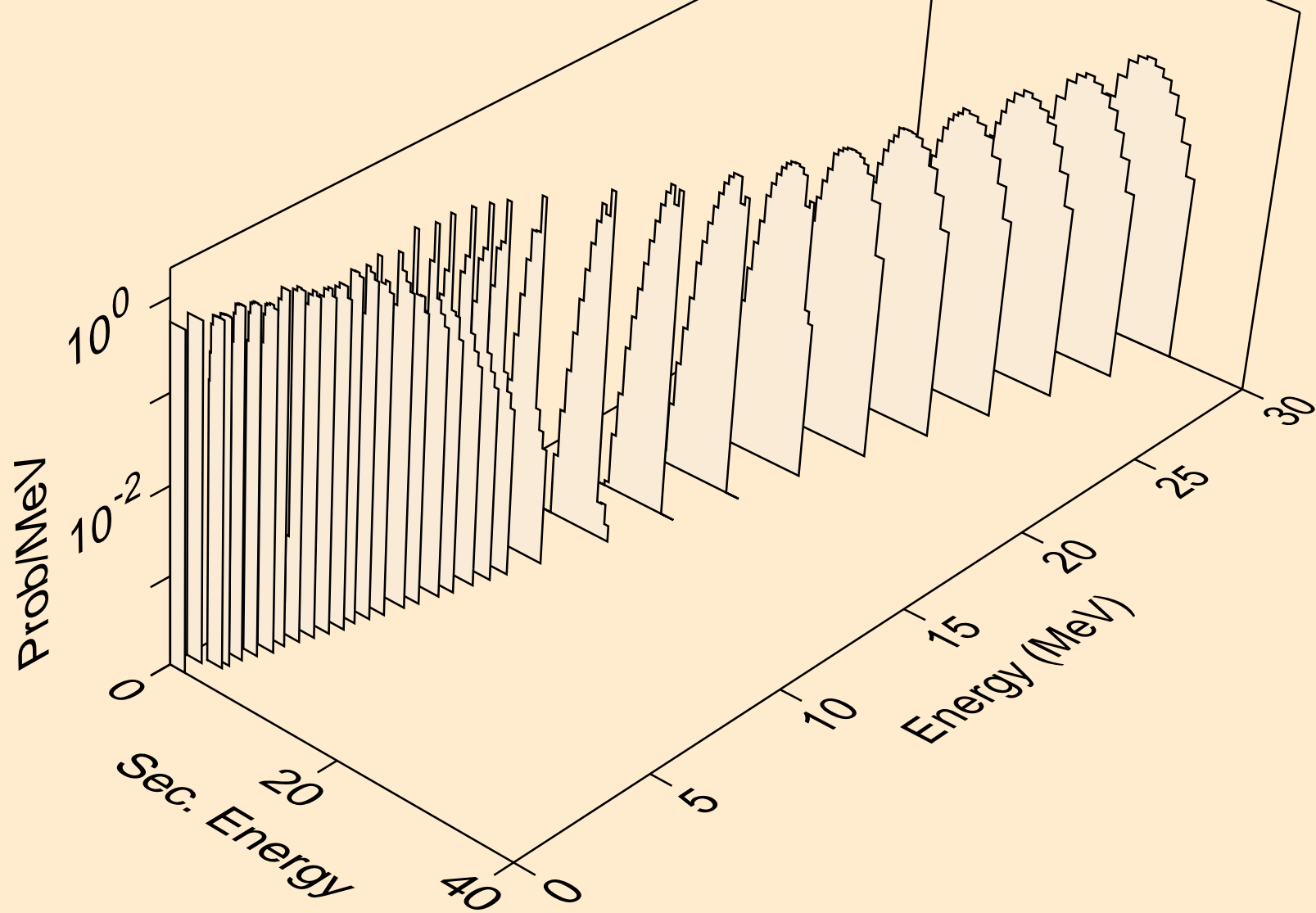


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

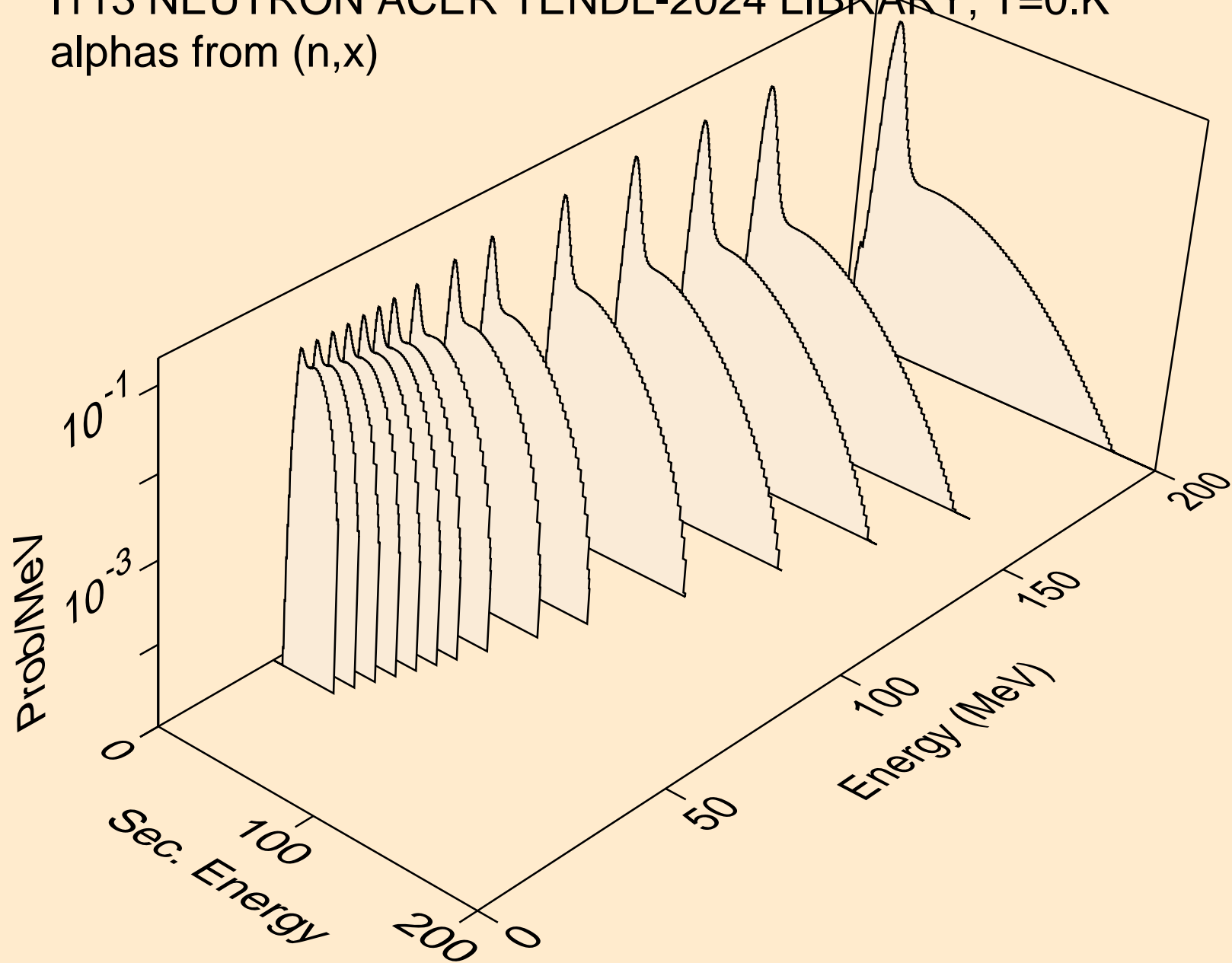




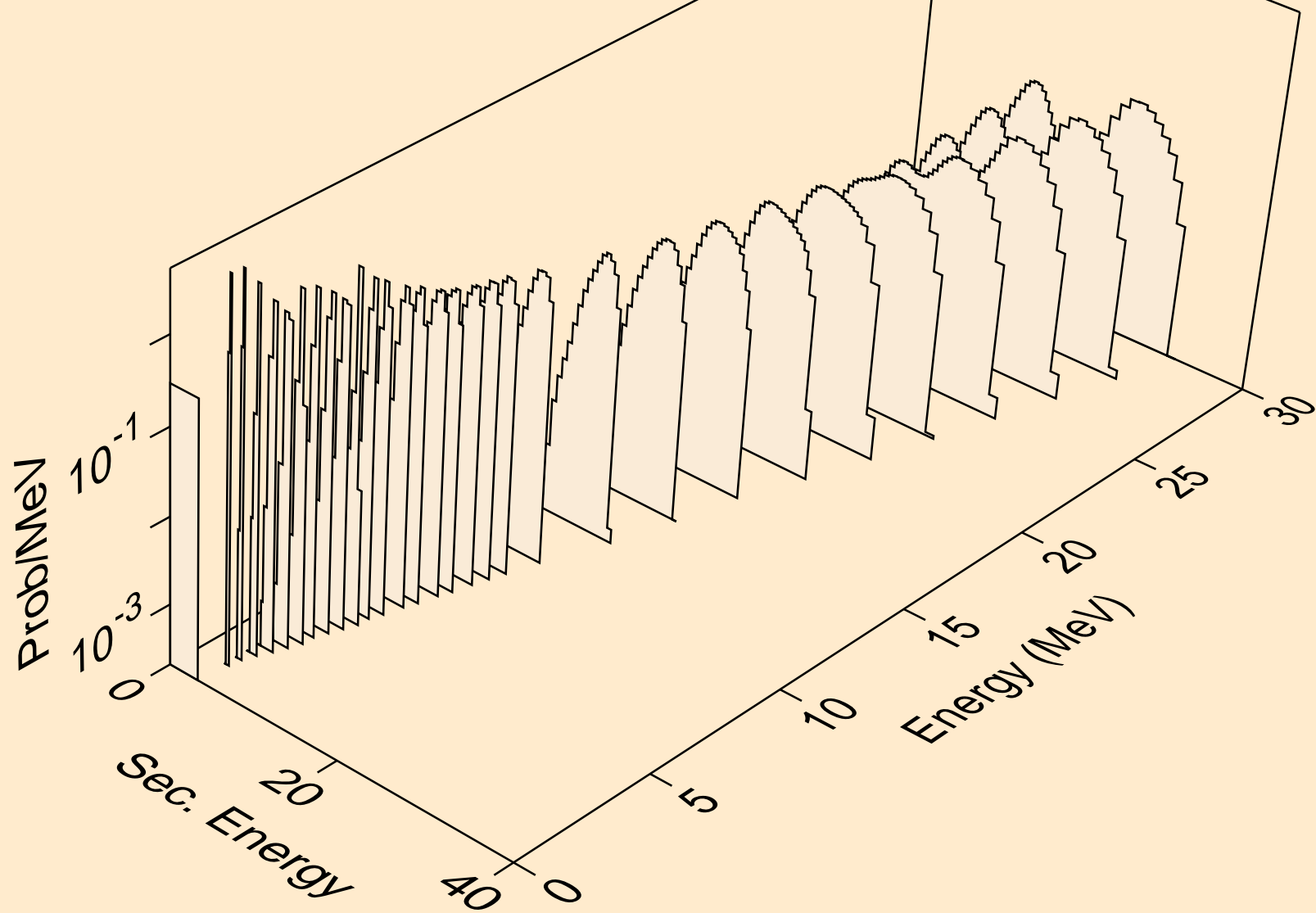
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



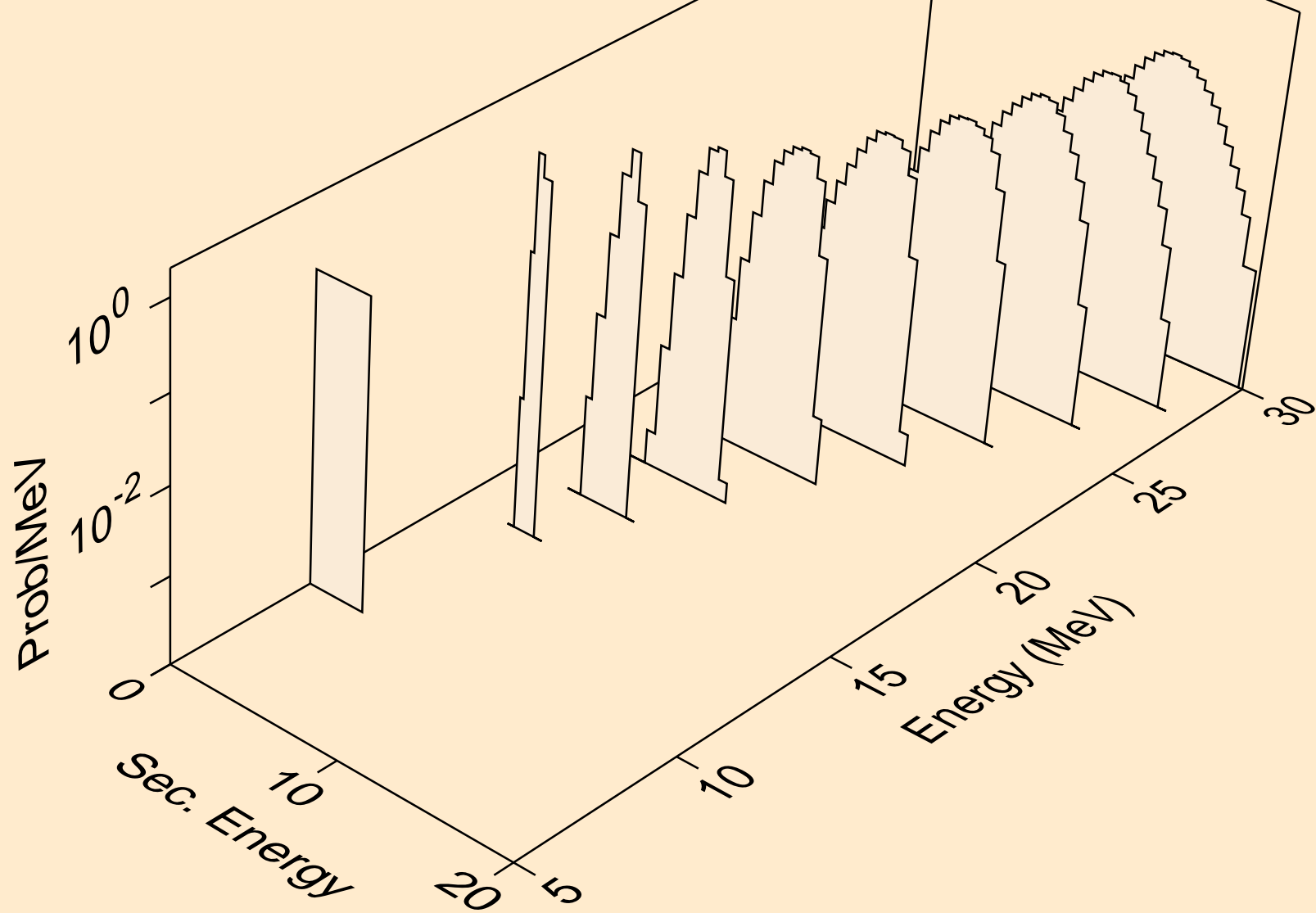
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



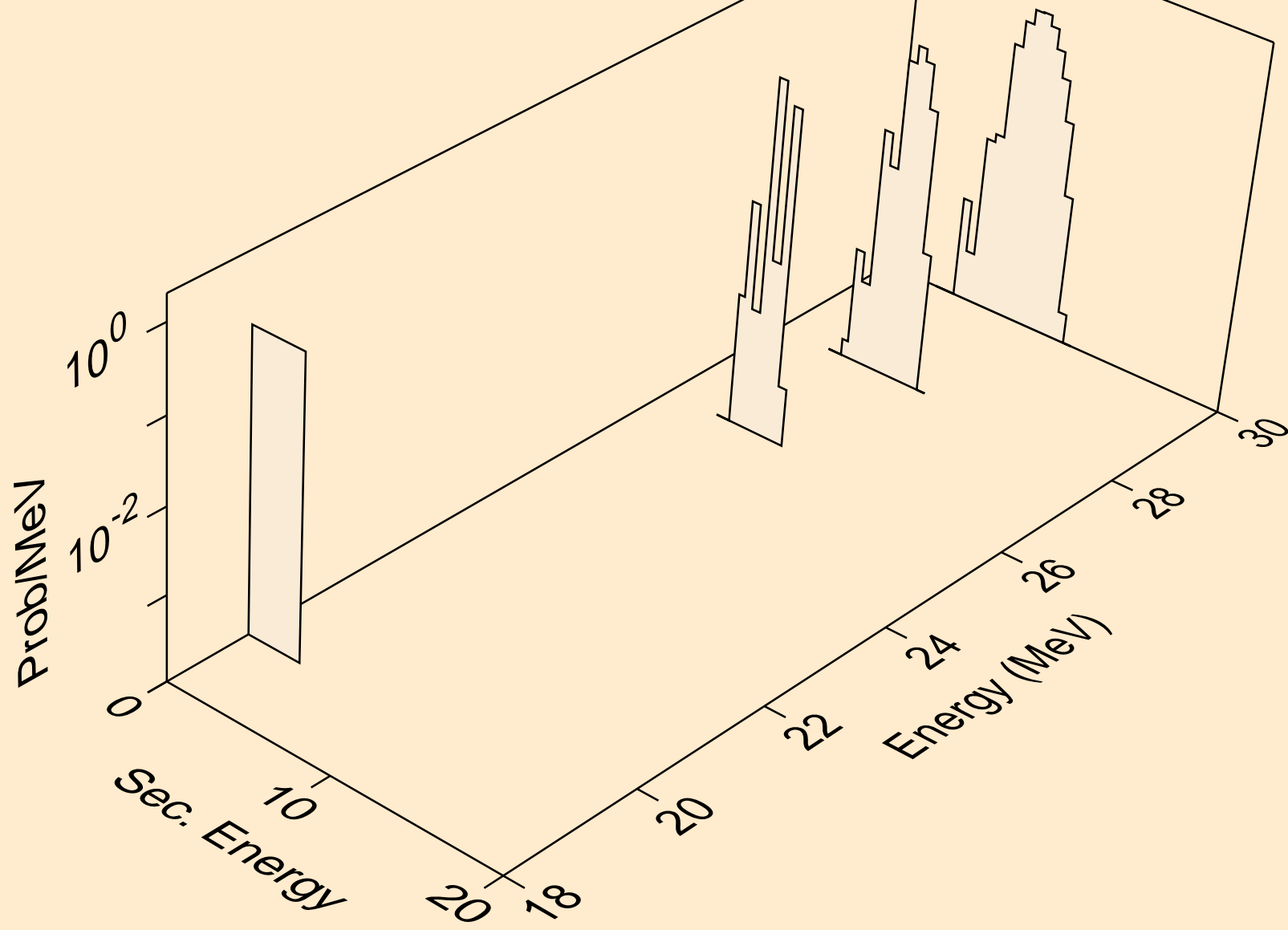
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



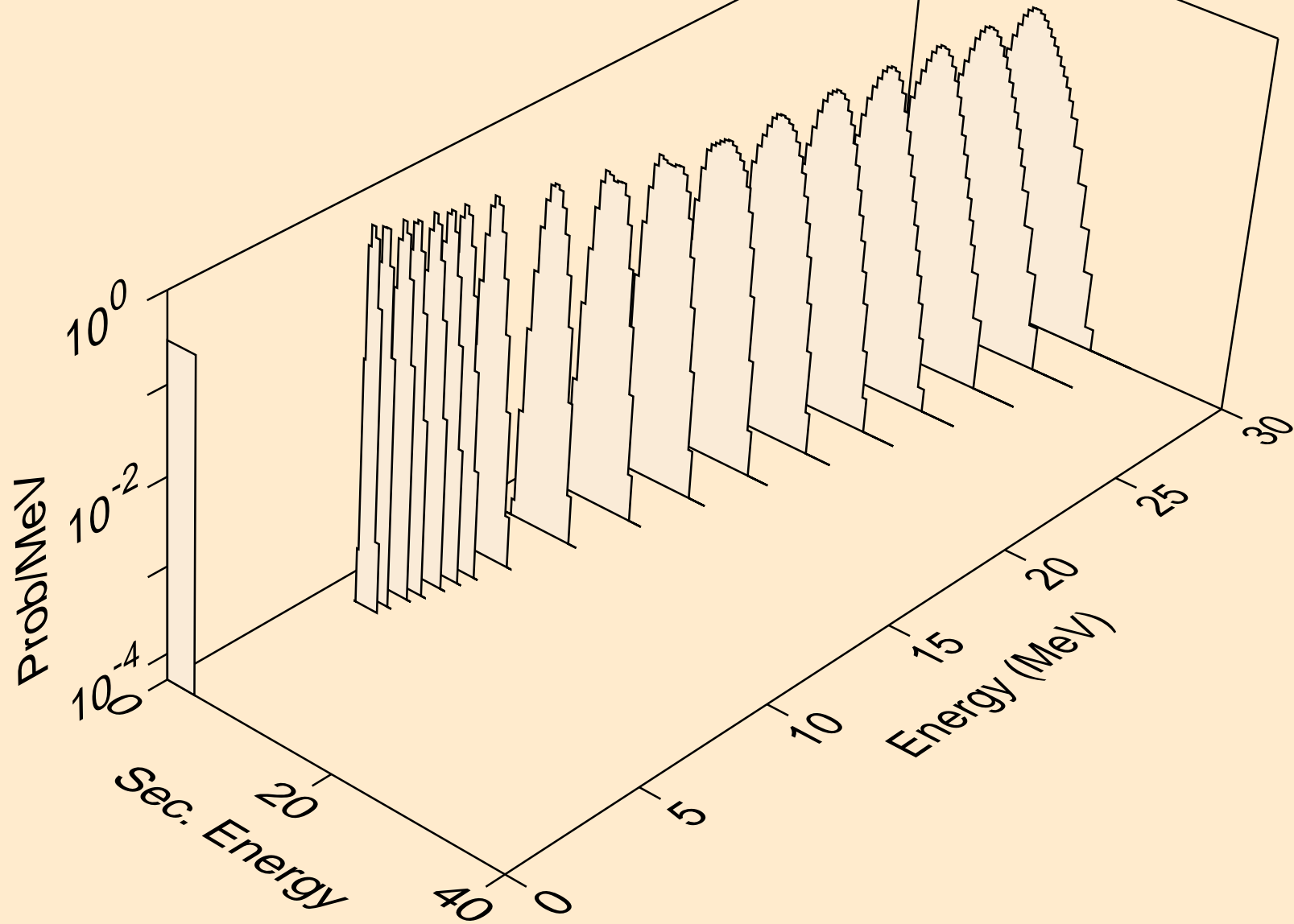
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alphas from (n,2n)a



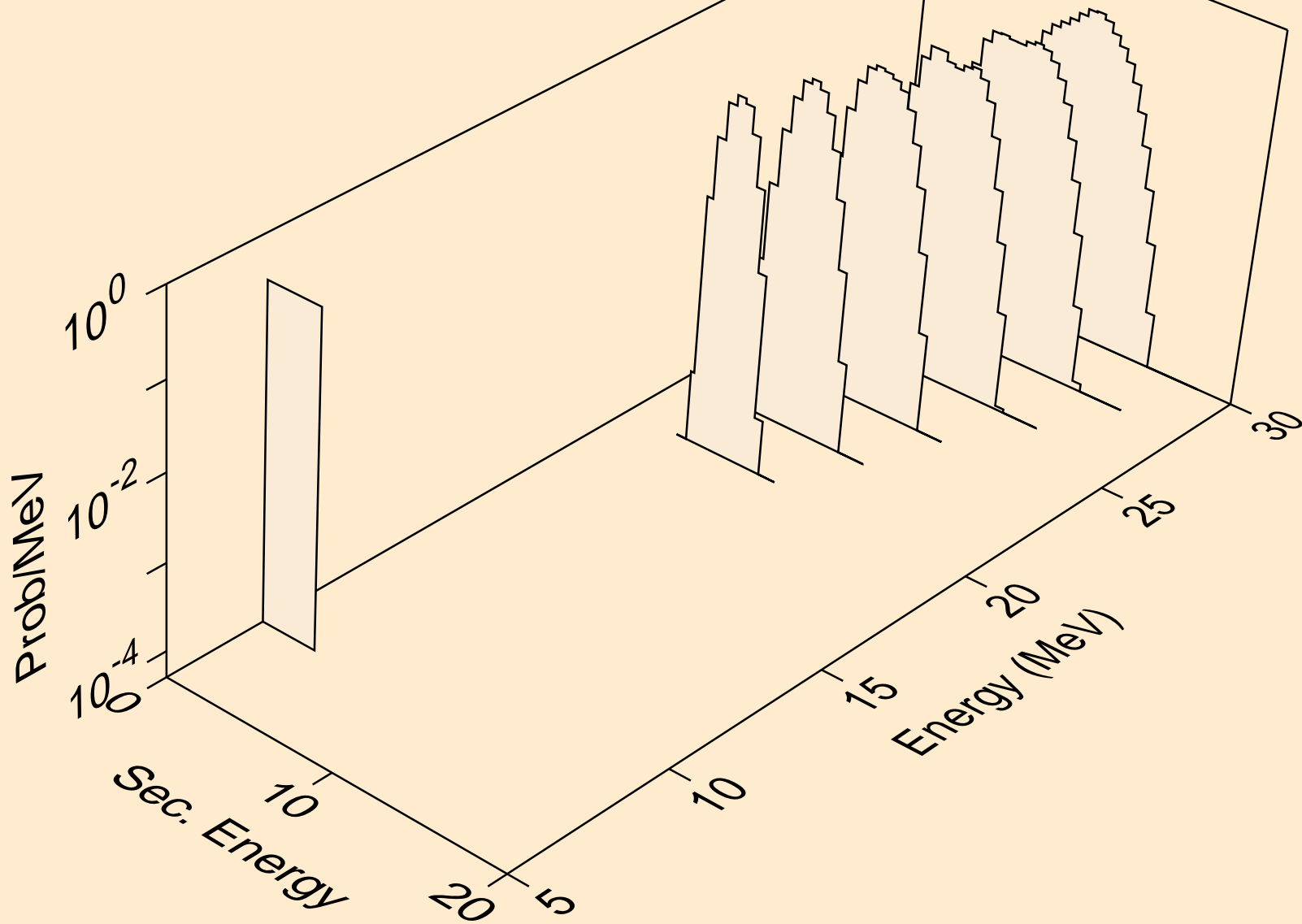
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alphas from (n,3n)a



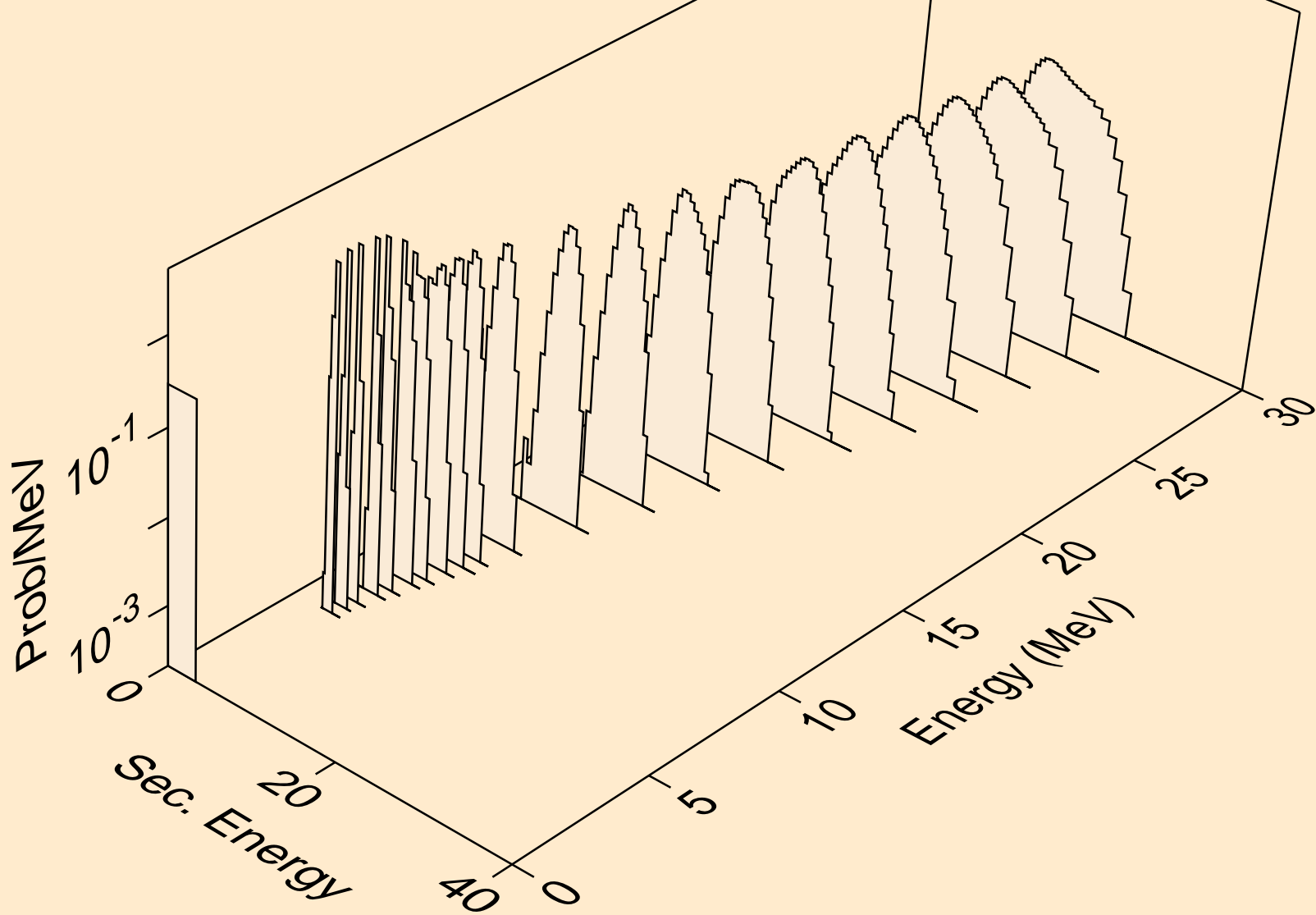
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a

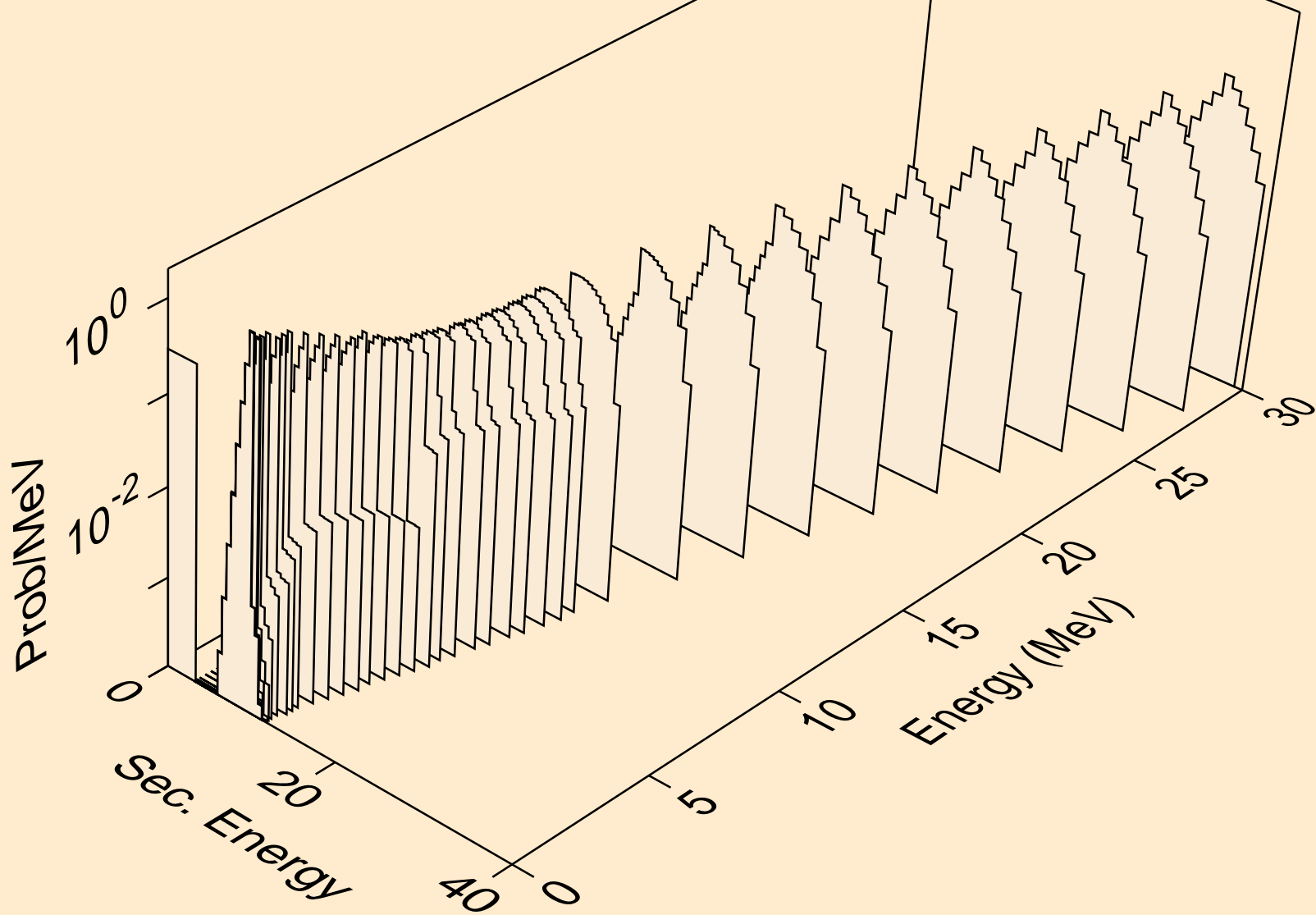


I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

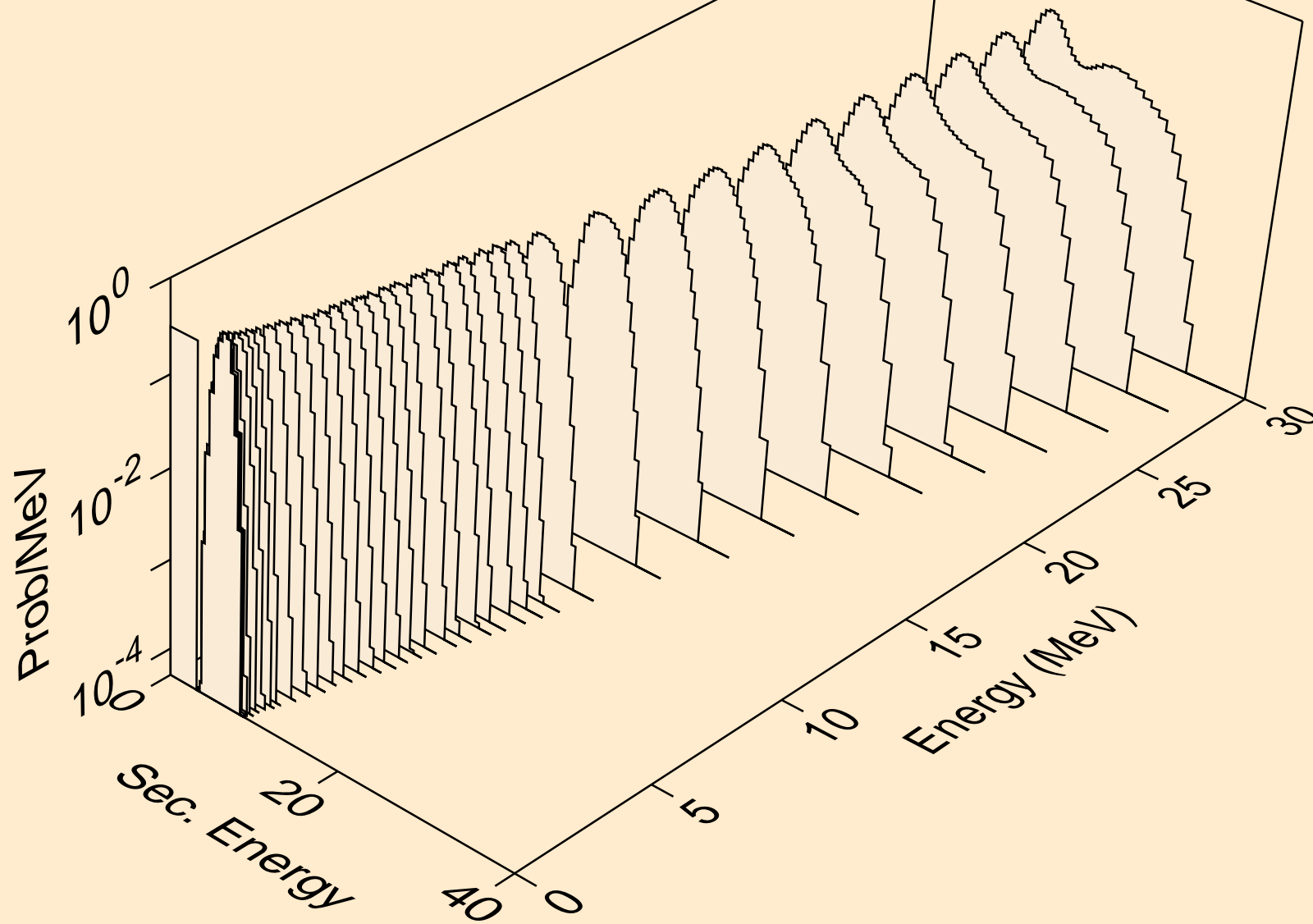




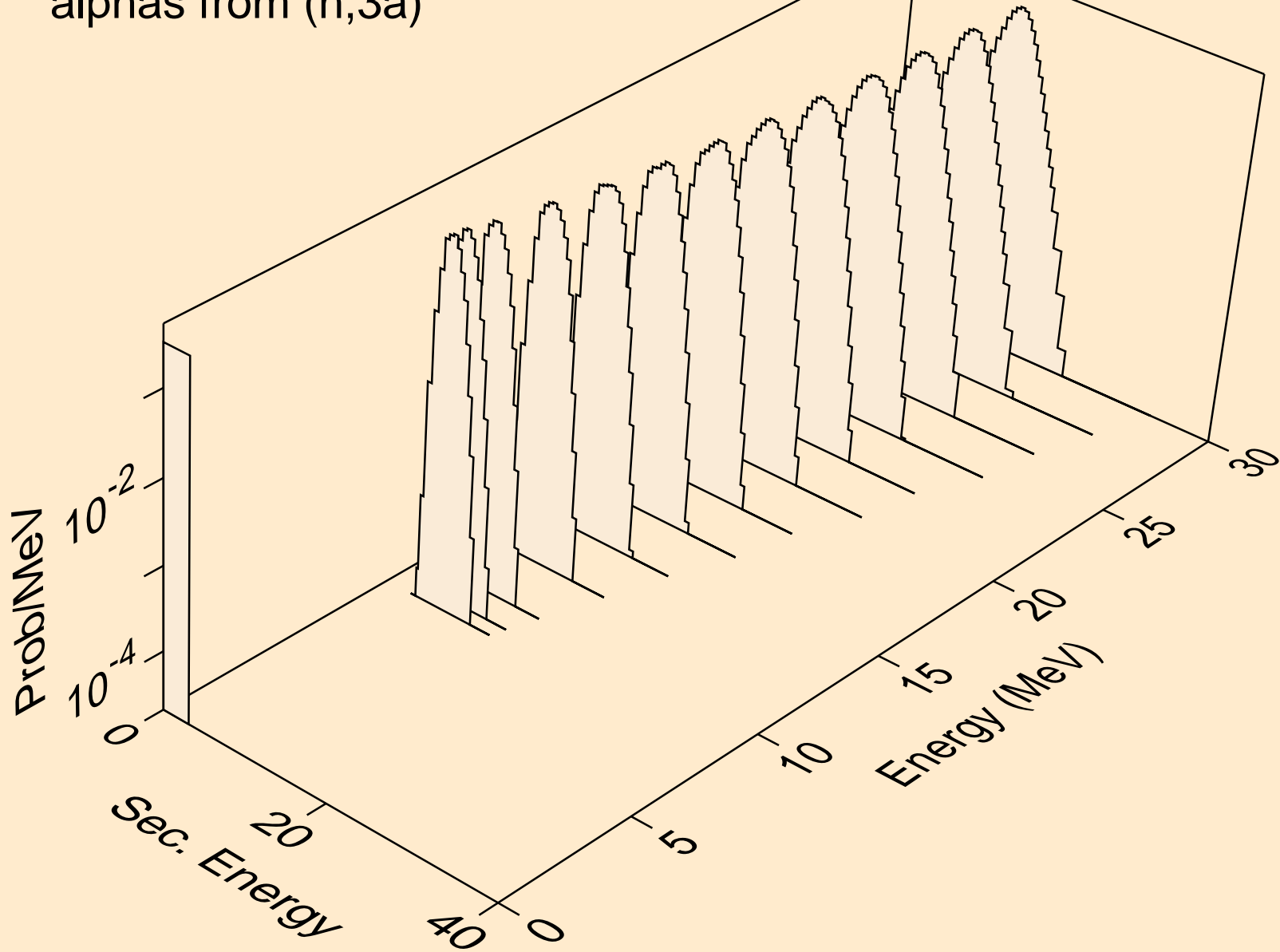
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alphas from (n,a)



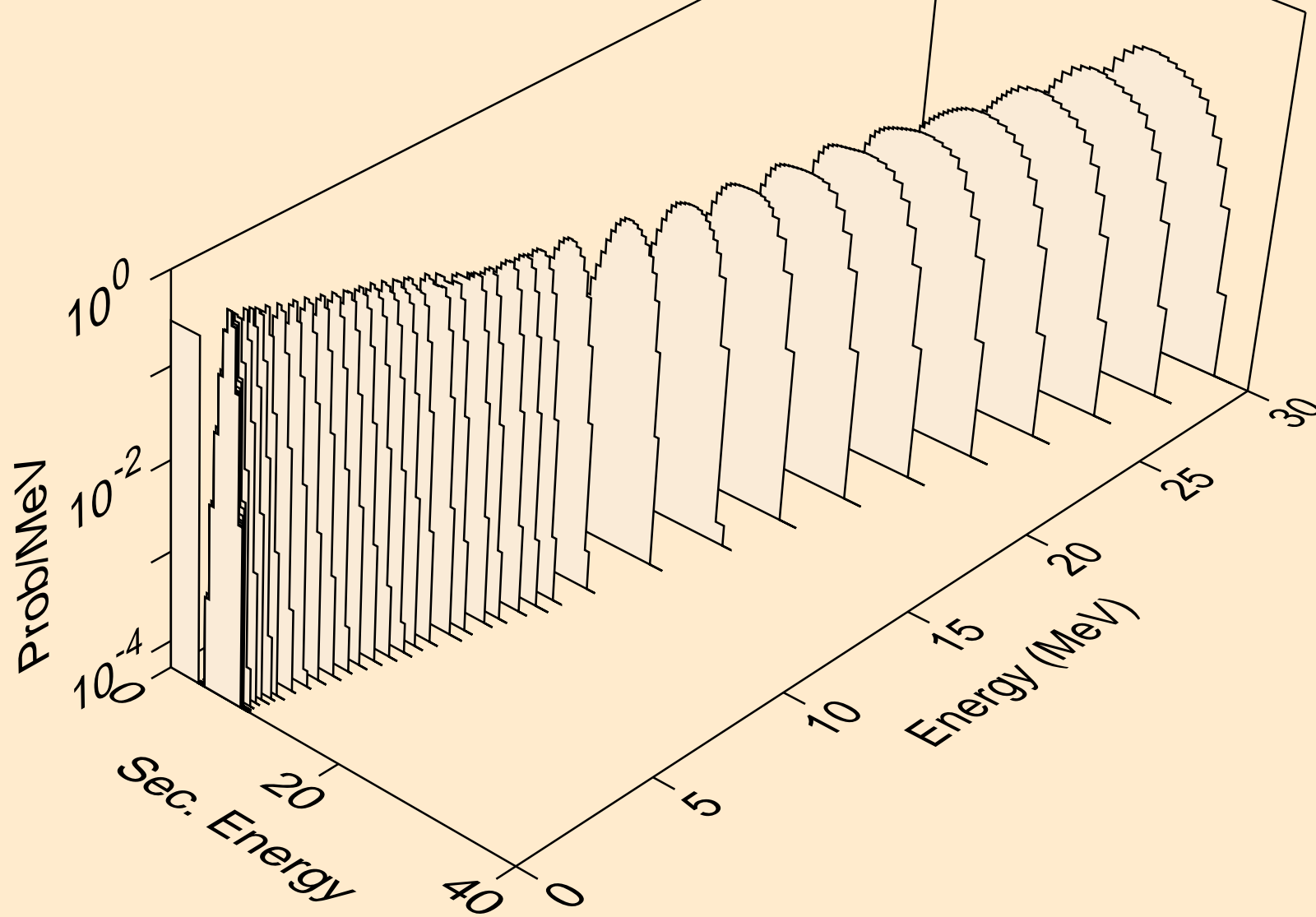
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



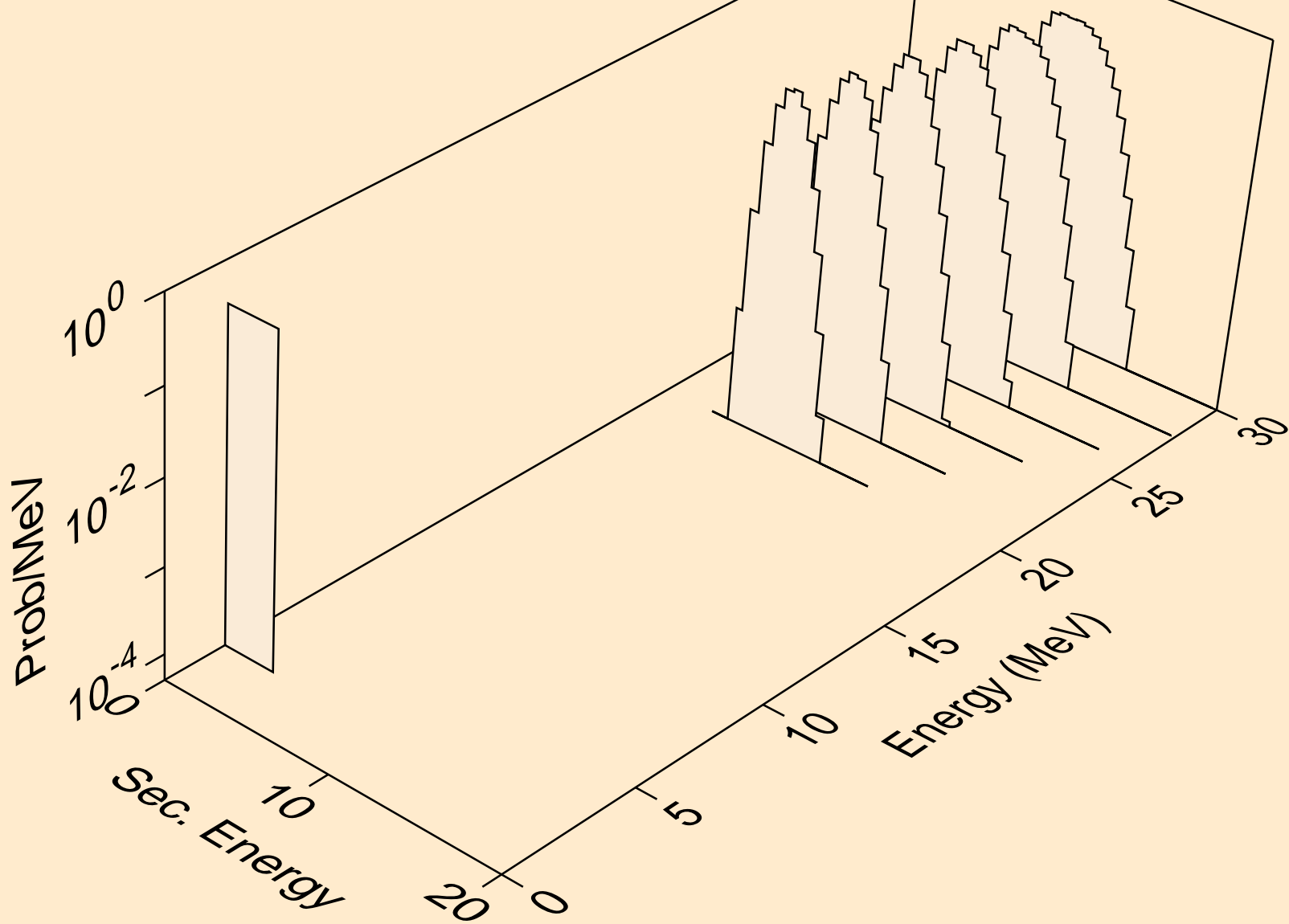
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



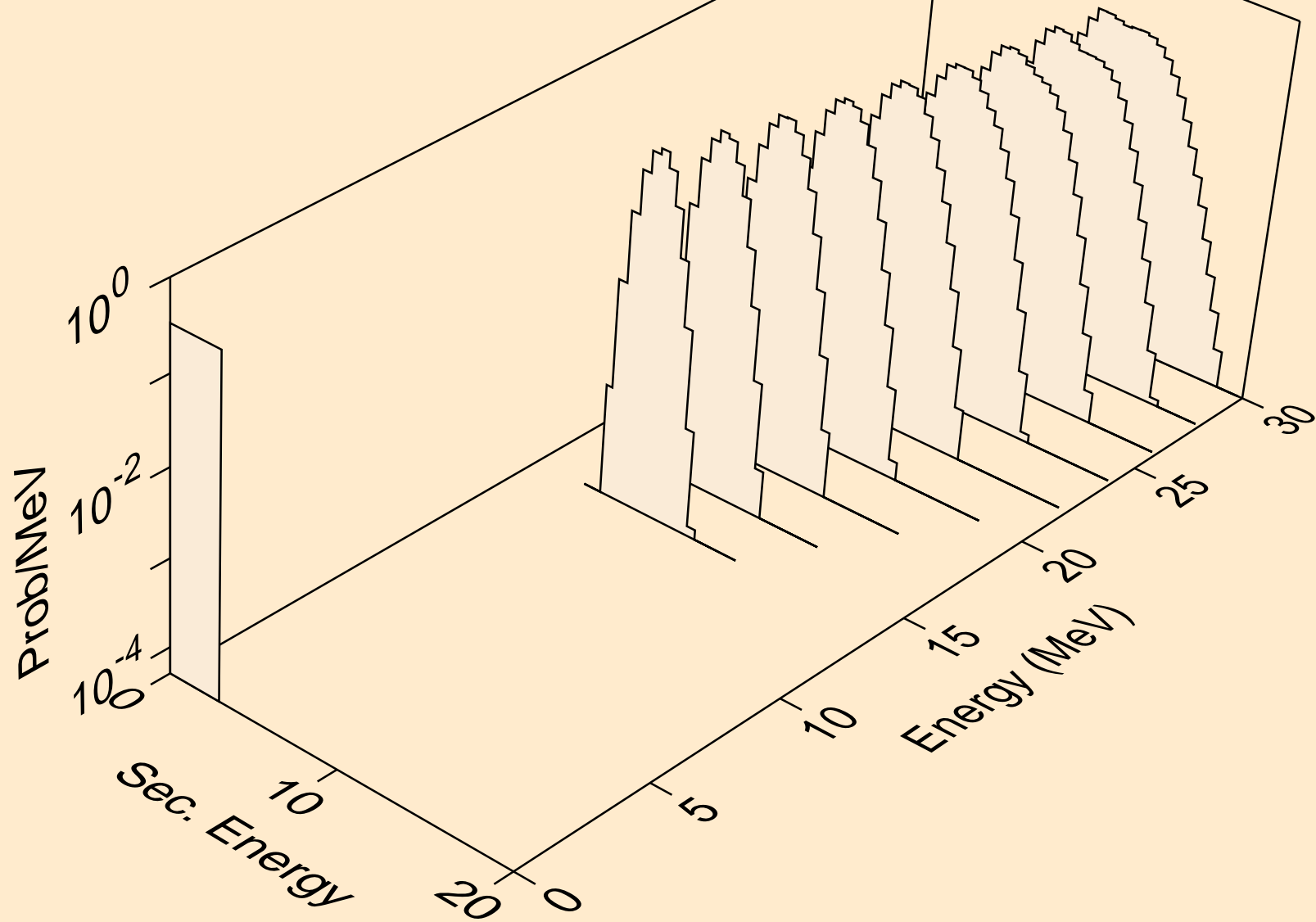
I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,t2a)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



I113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

