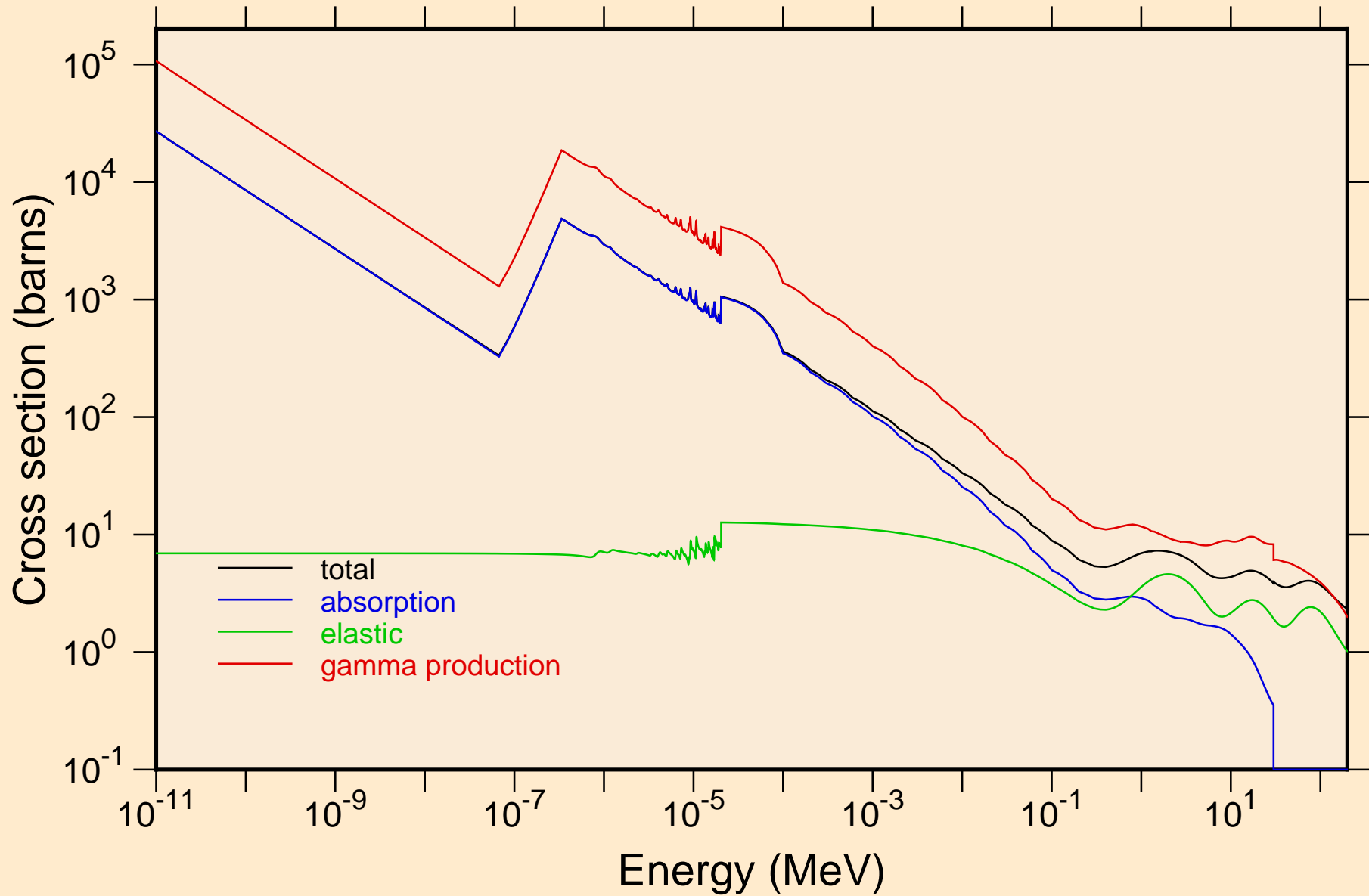
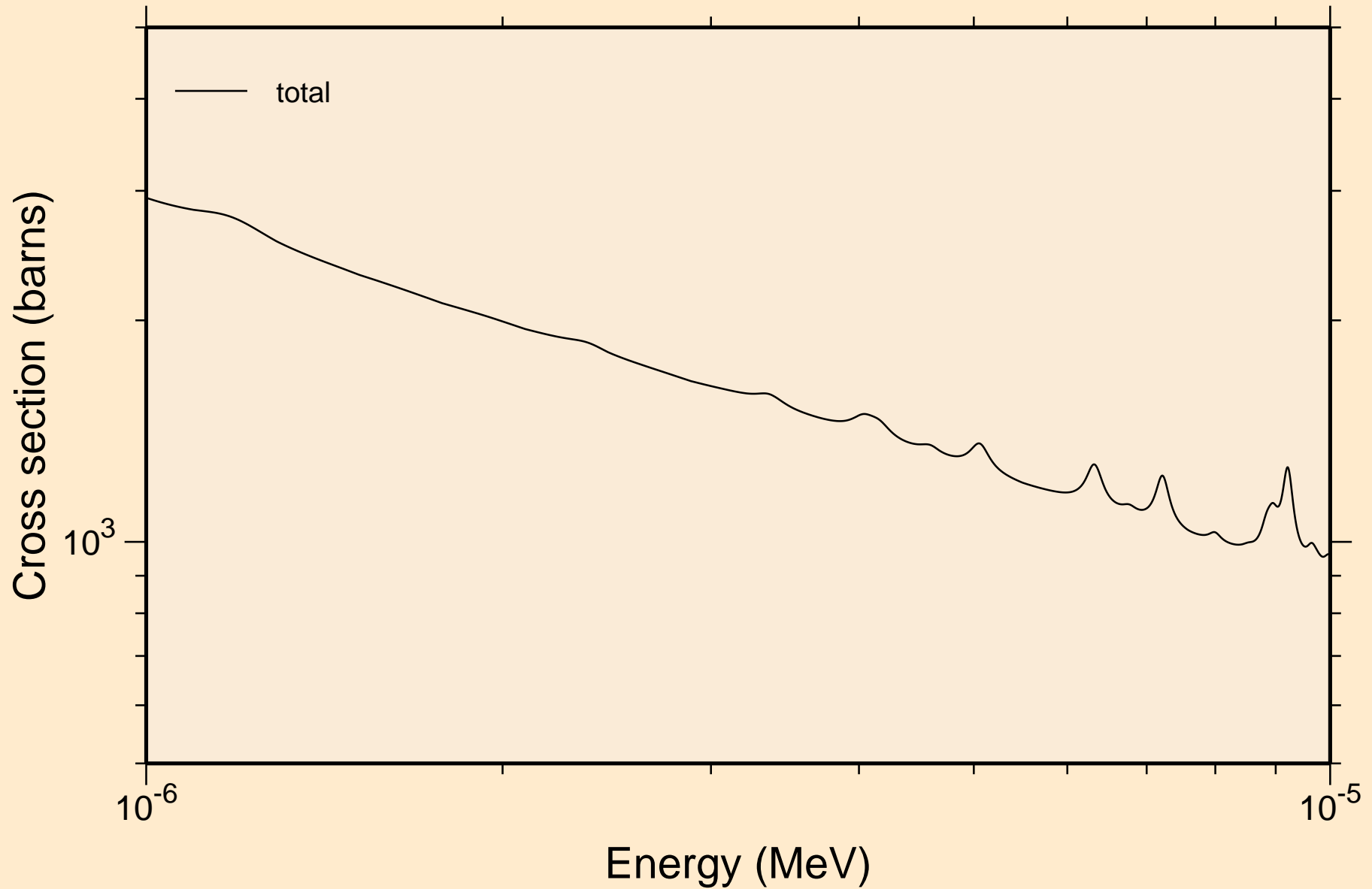


# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

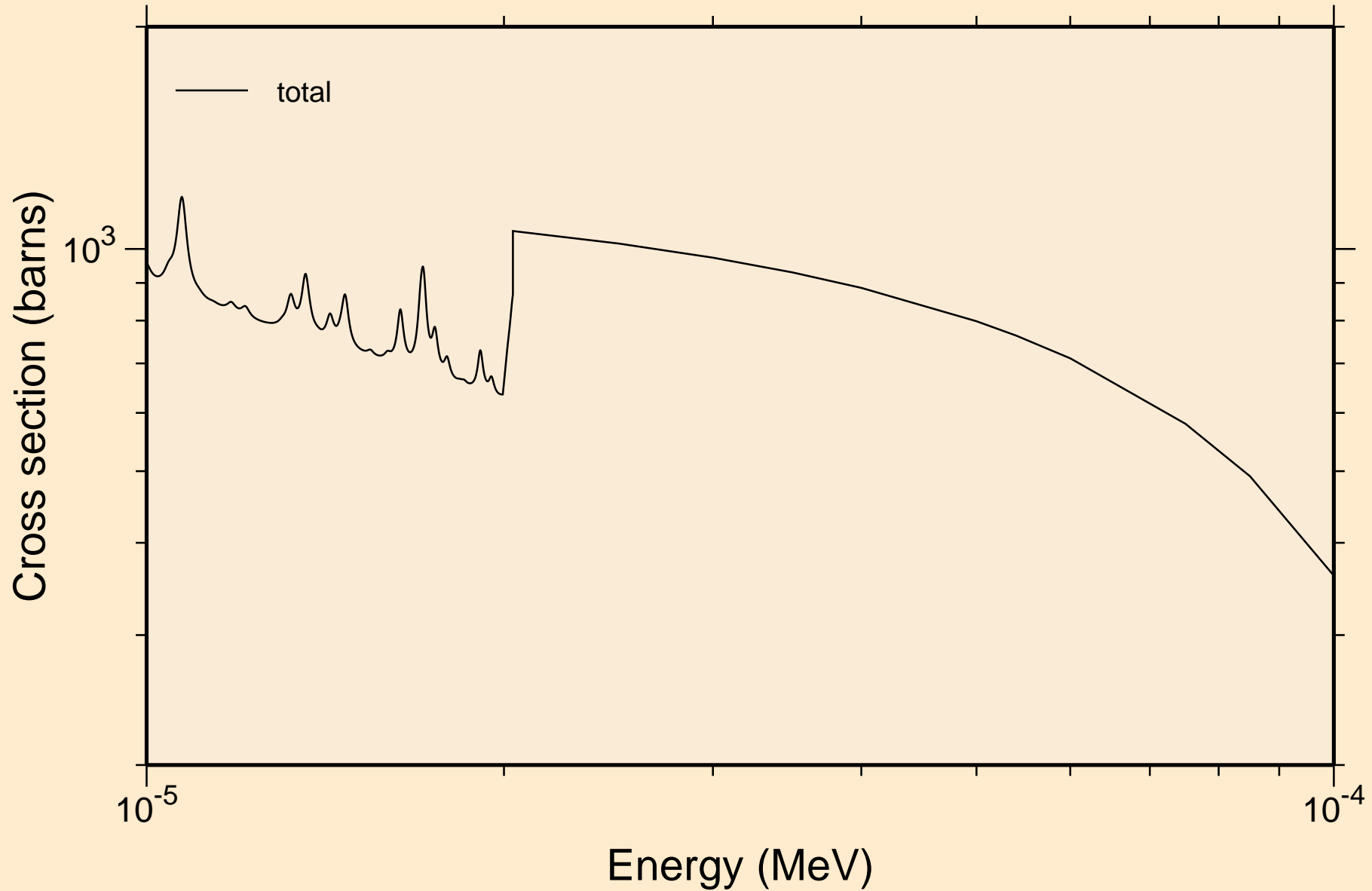
## Principal cross sections



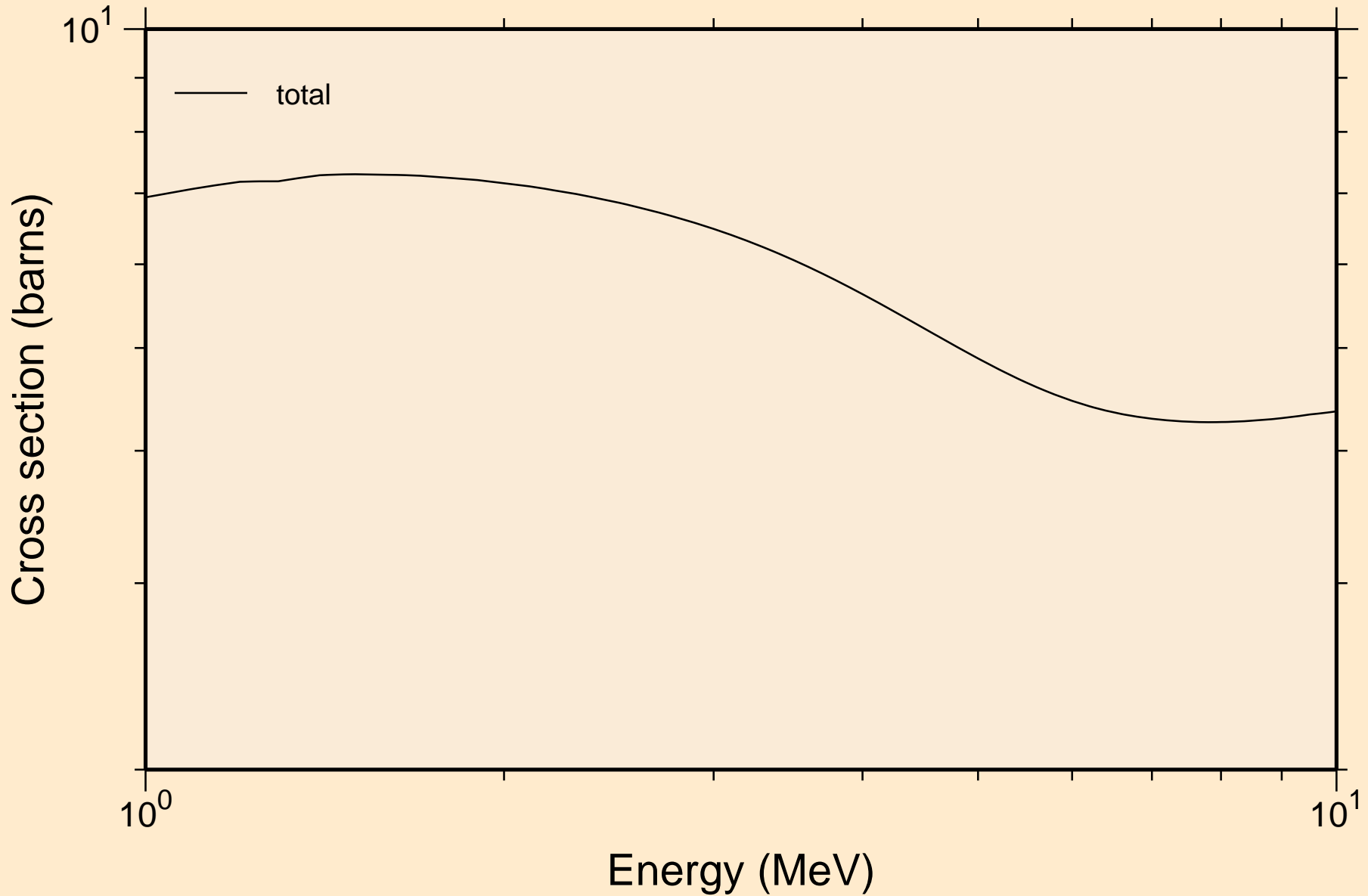
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



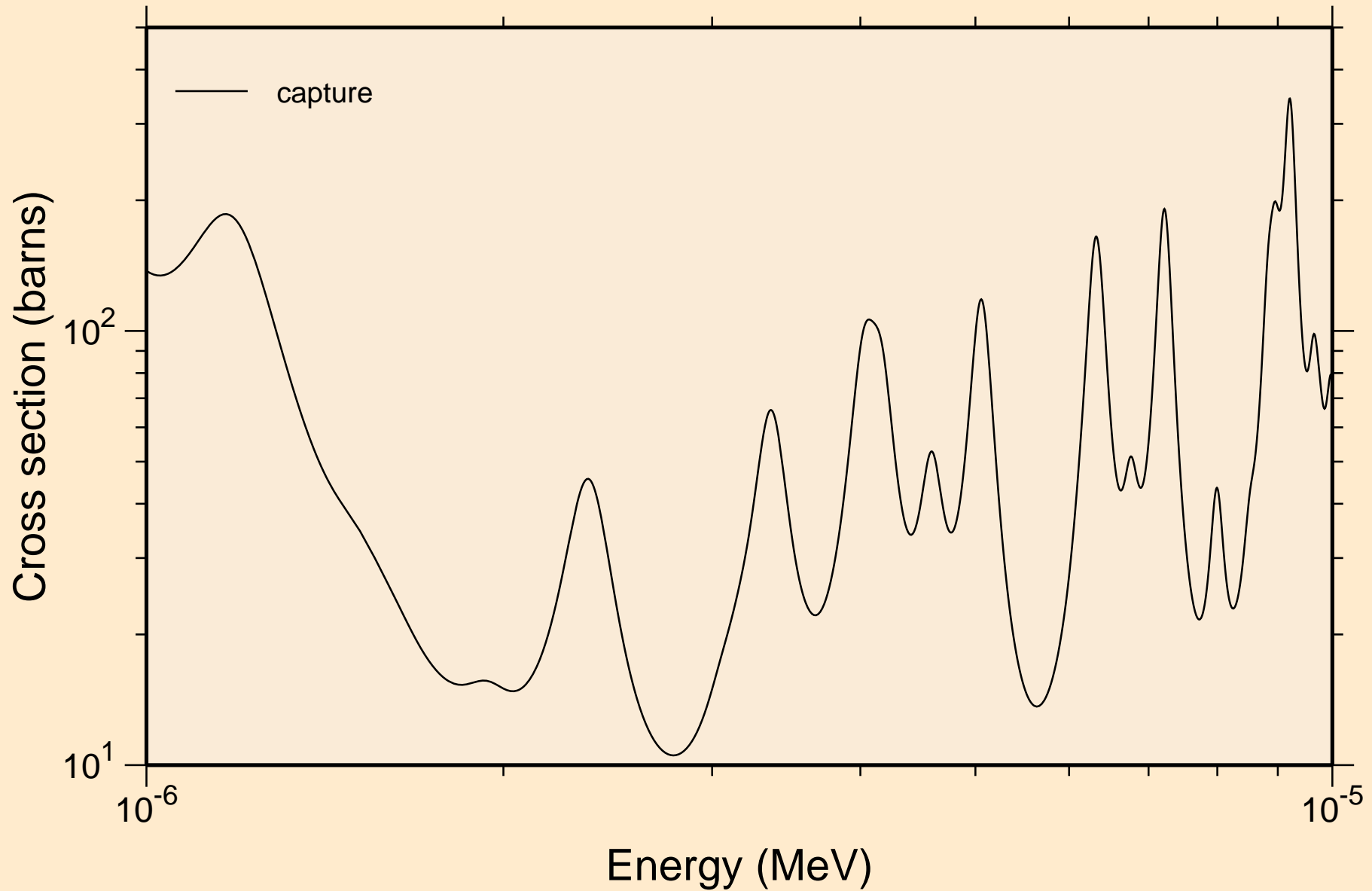
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



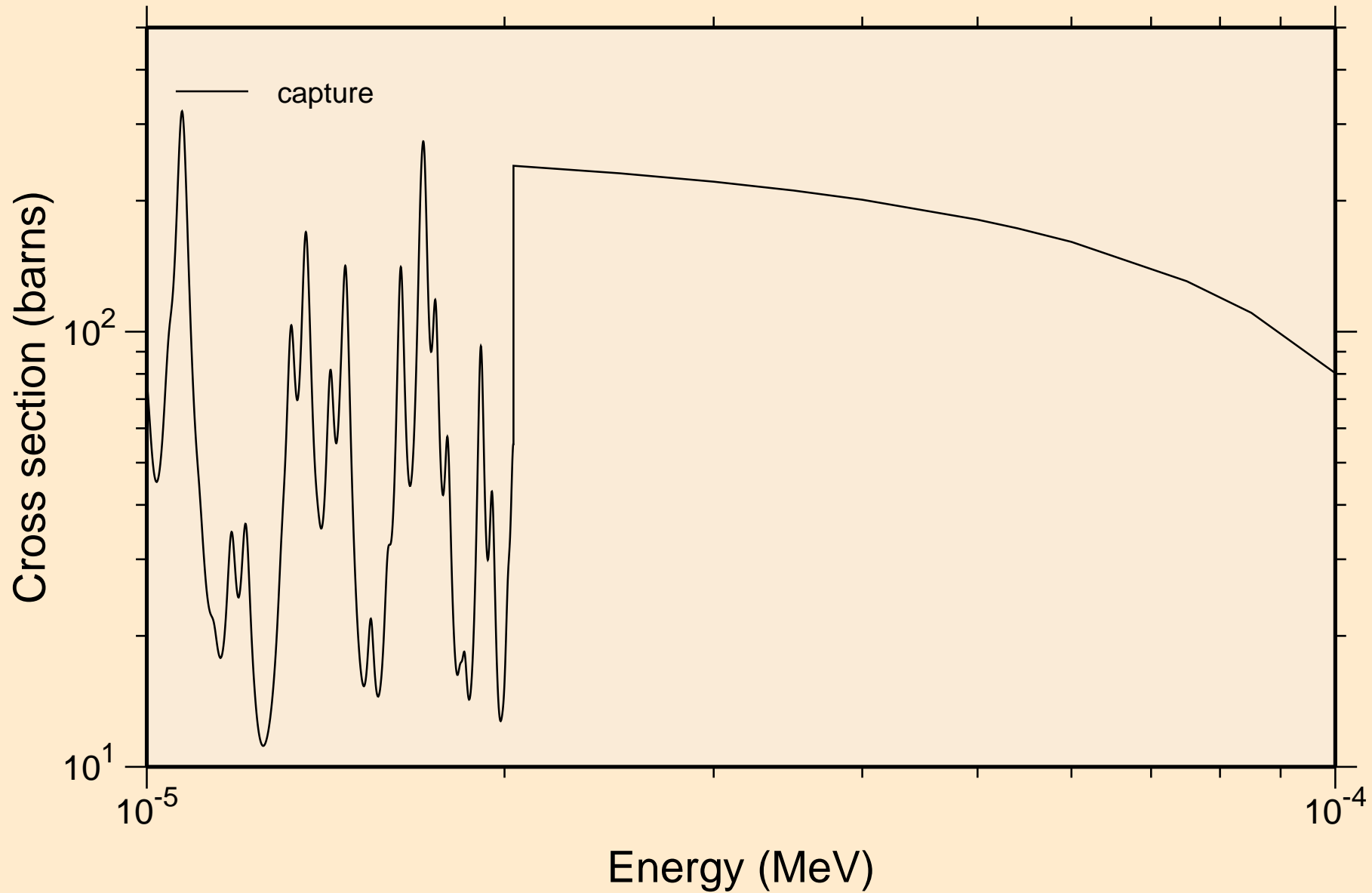
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



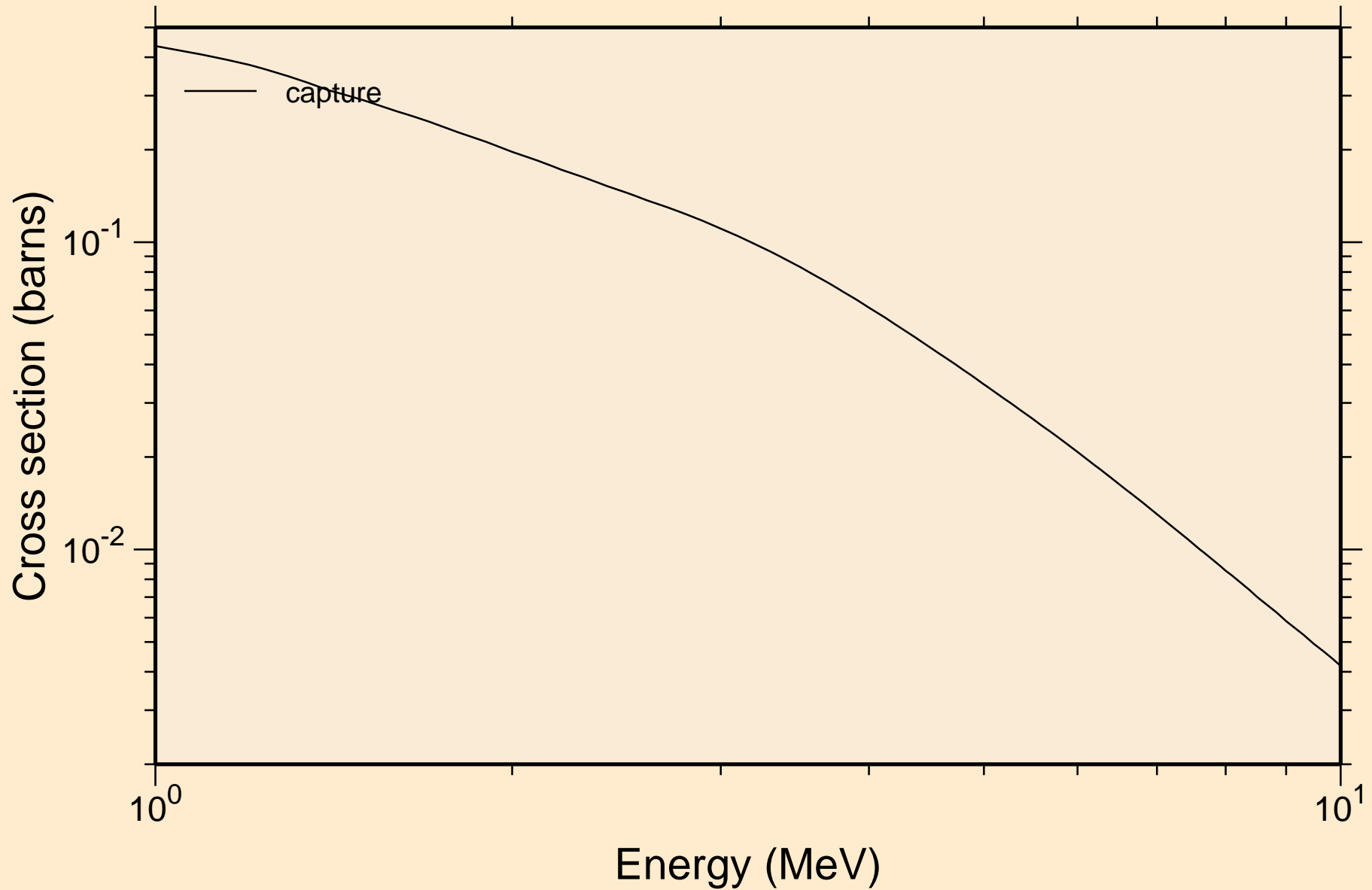
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

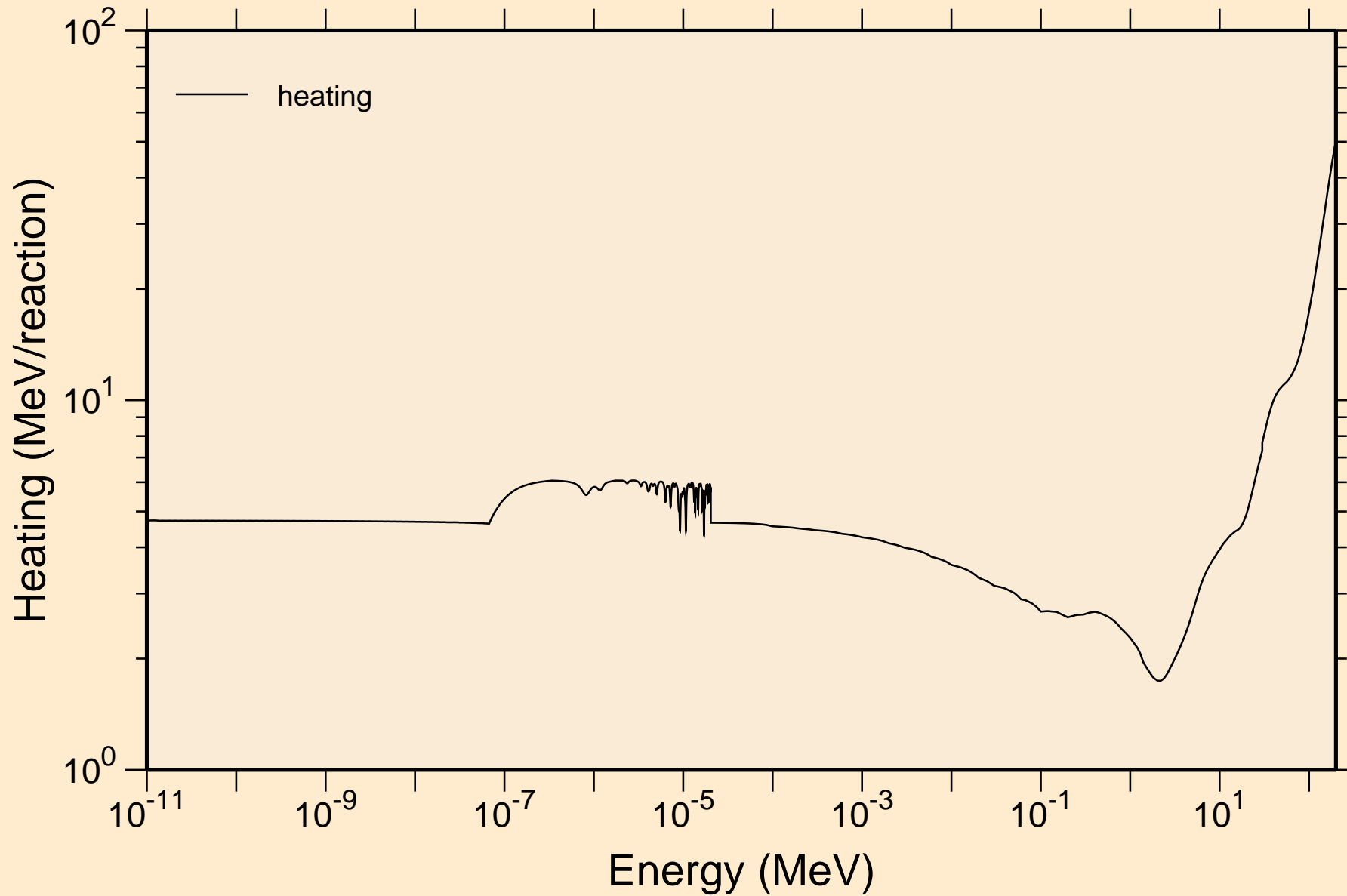


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



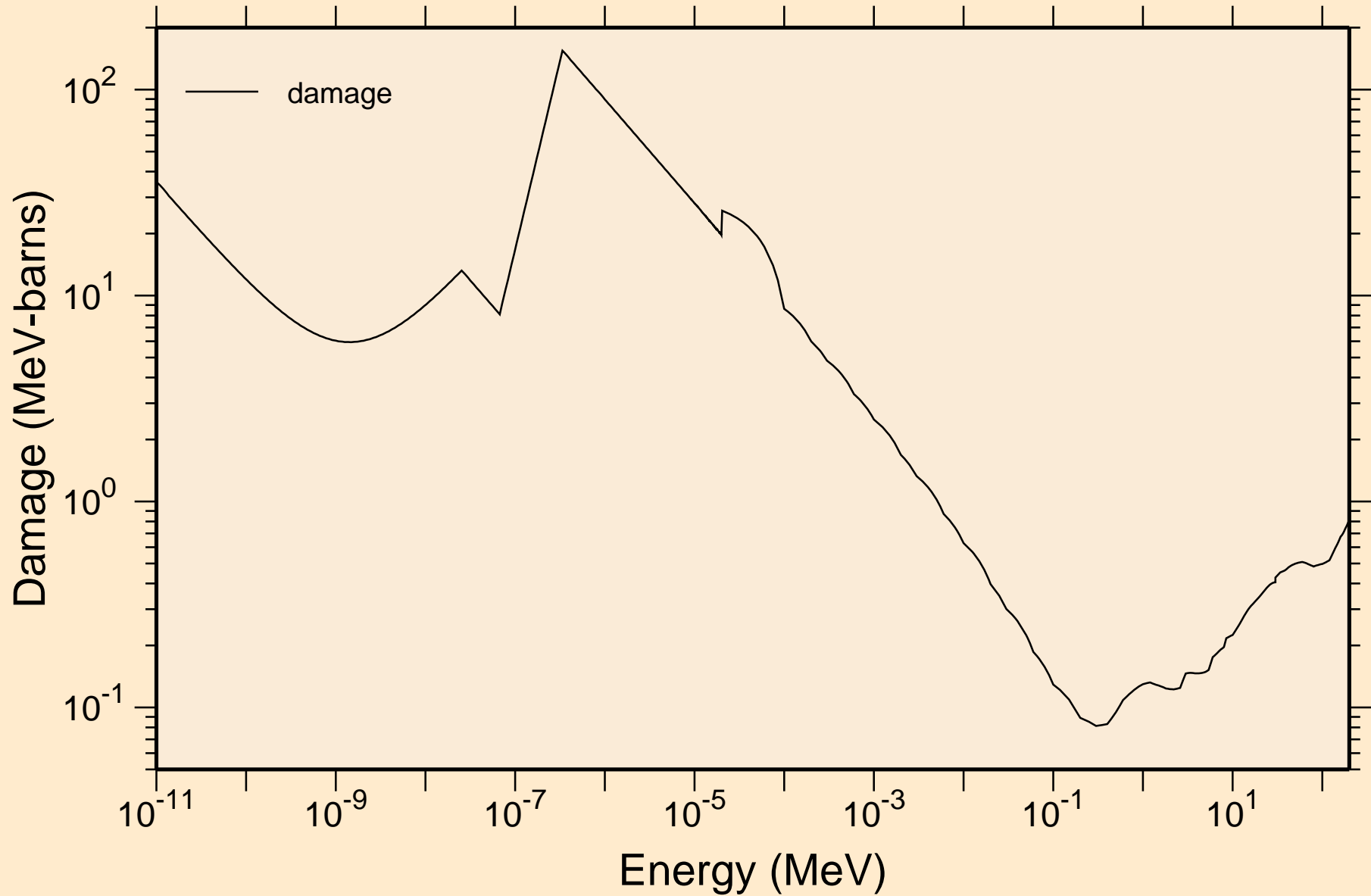
# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



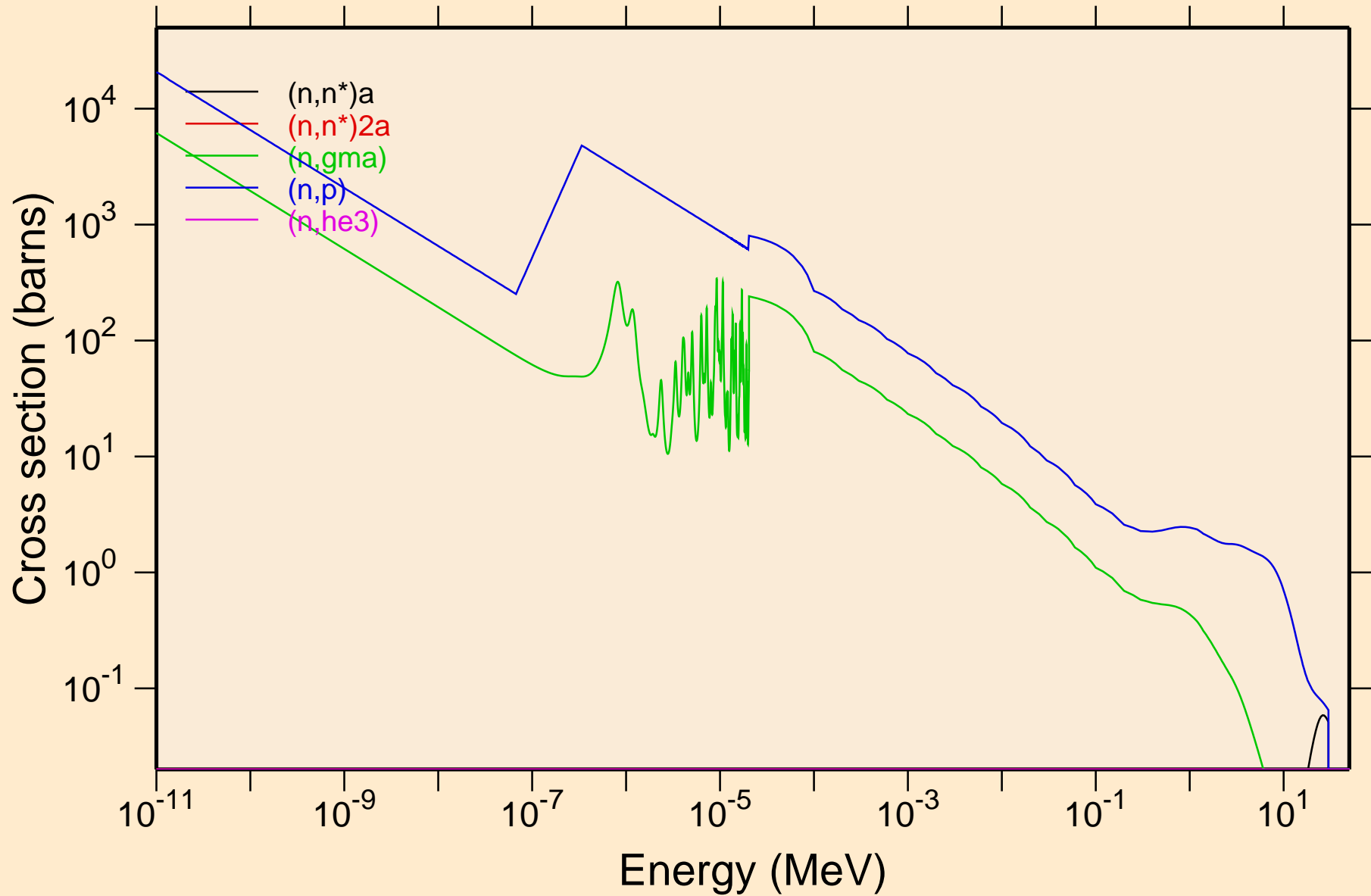


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

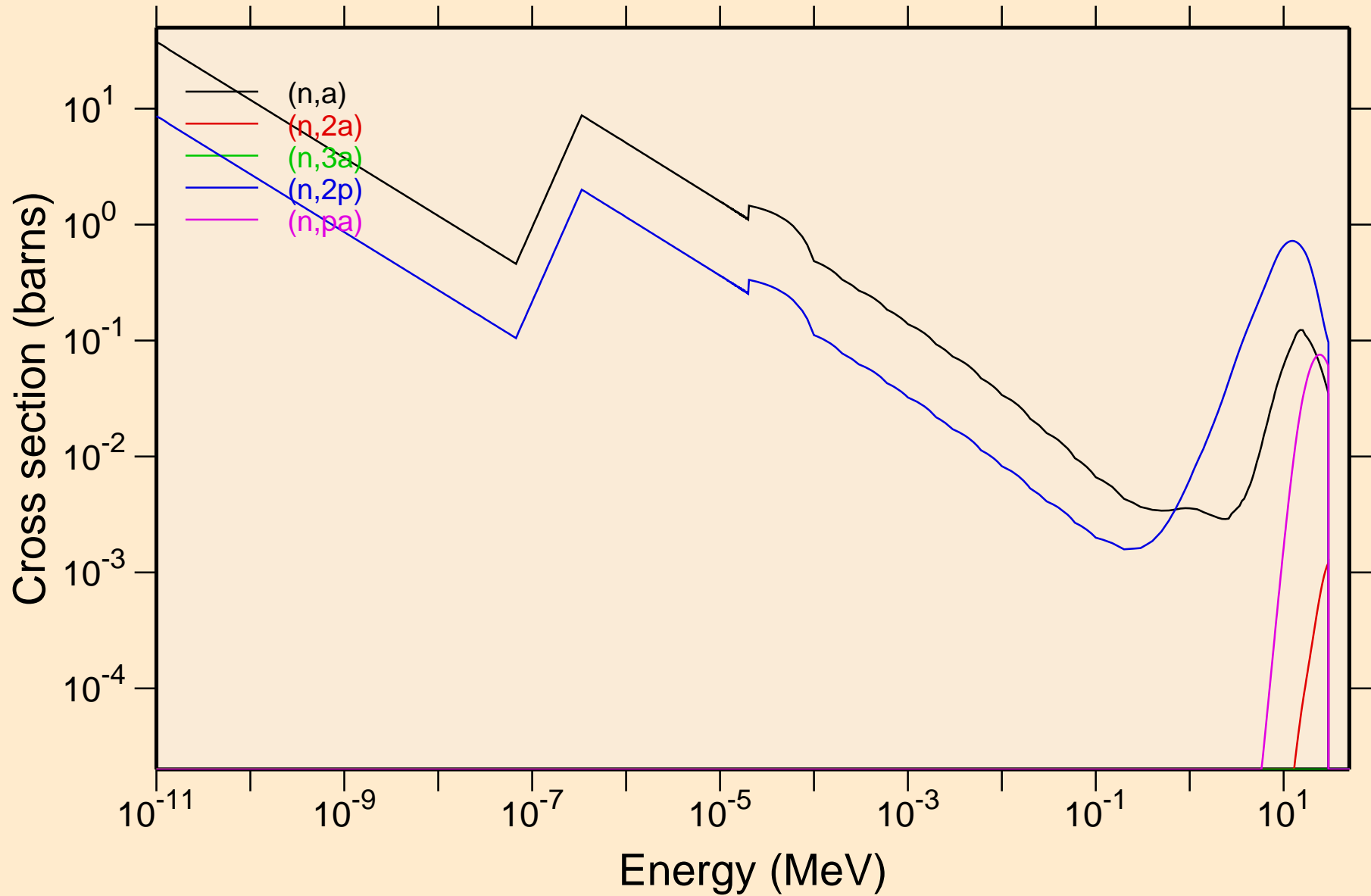


# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

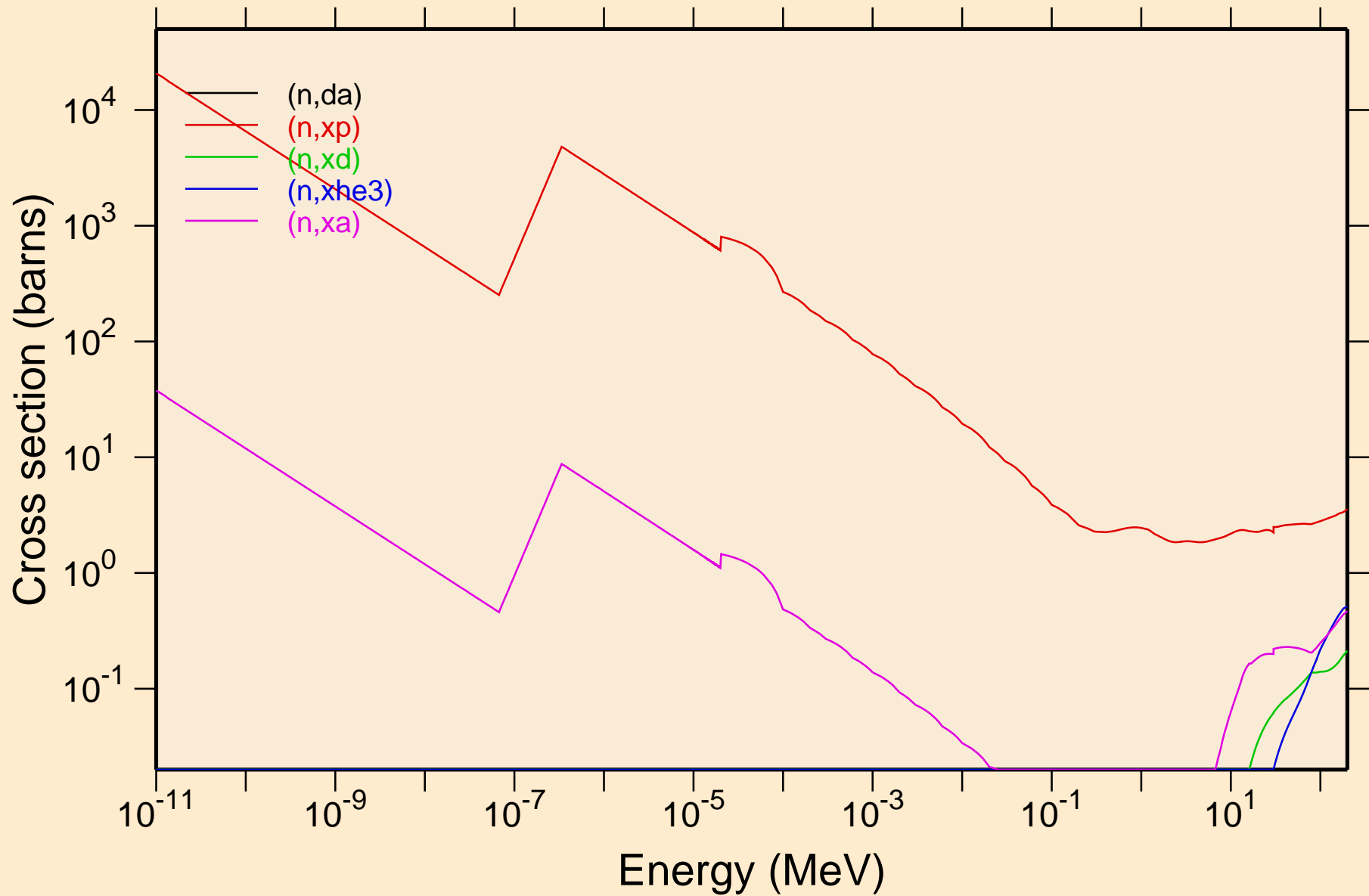


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



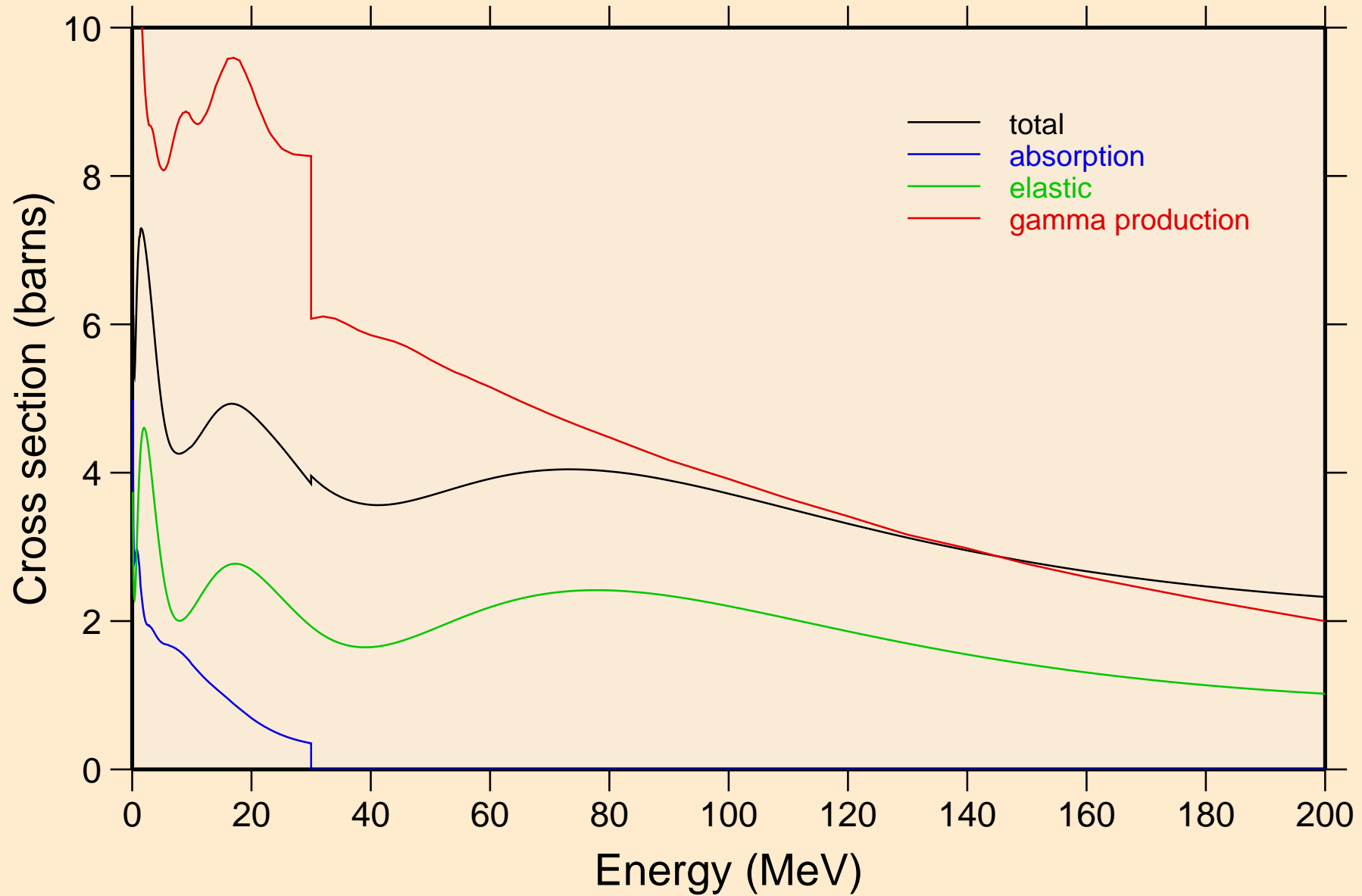
# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



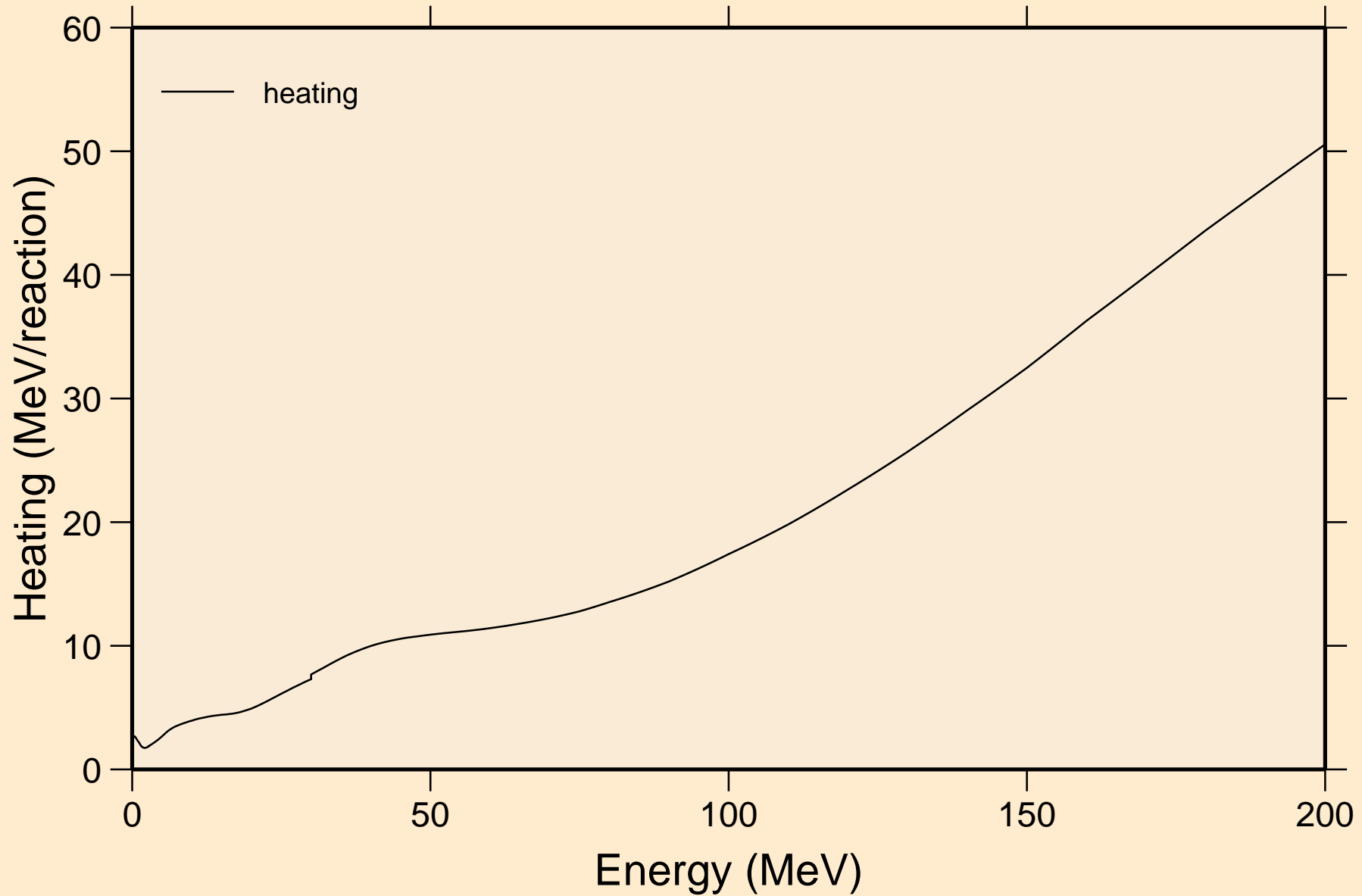
# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



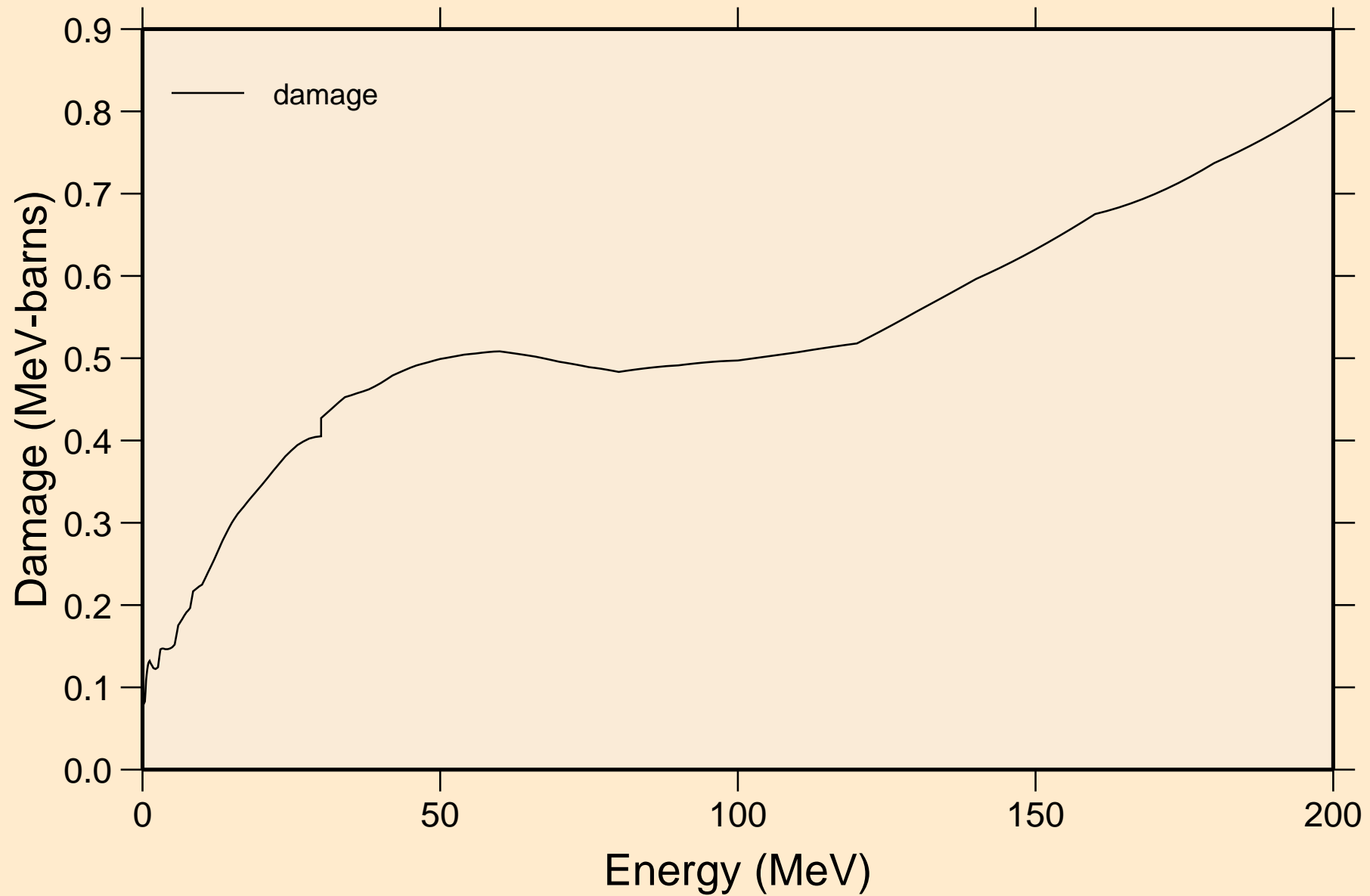
# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

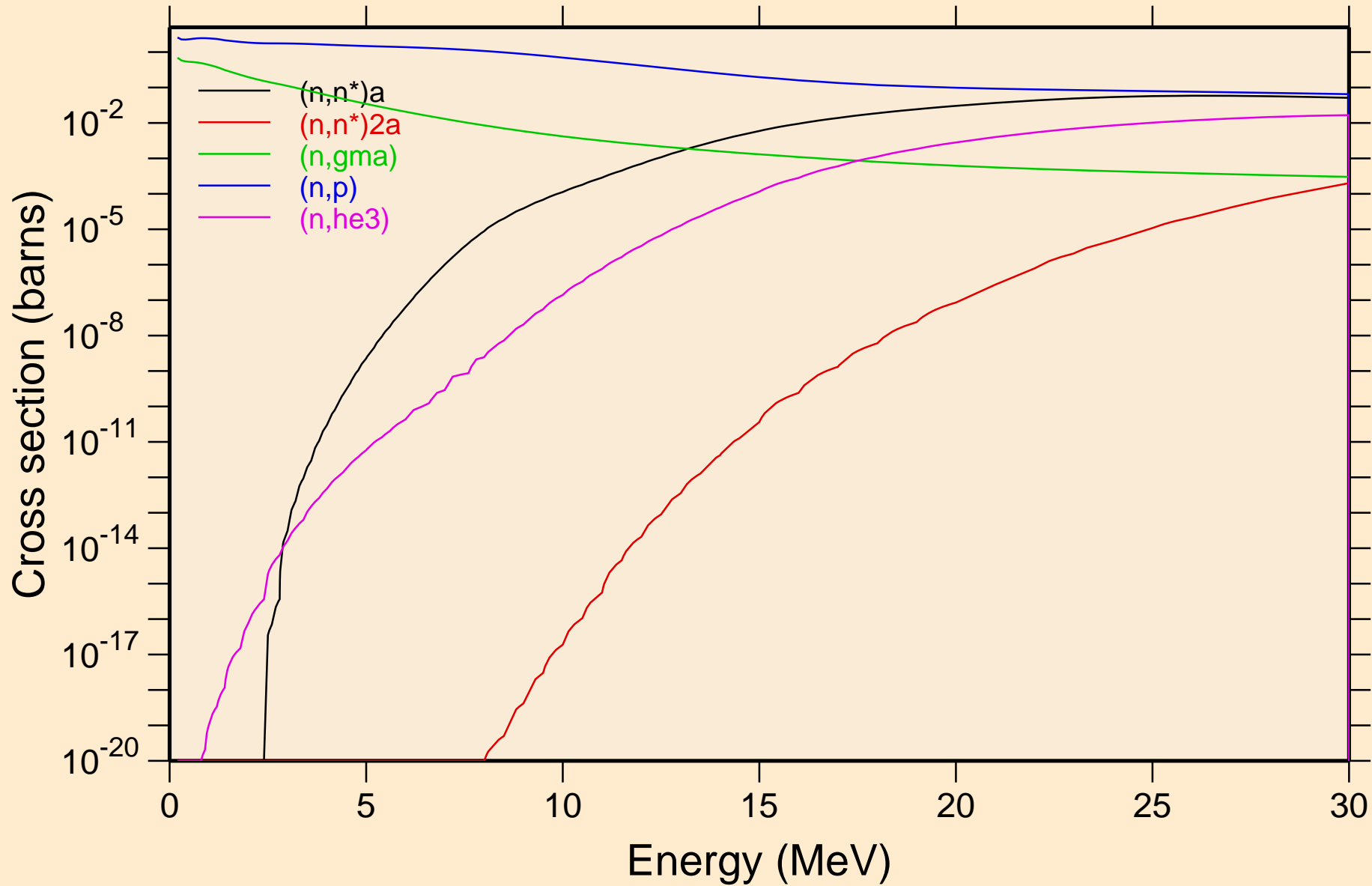


# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

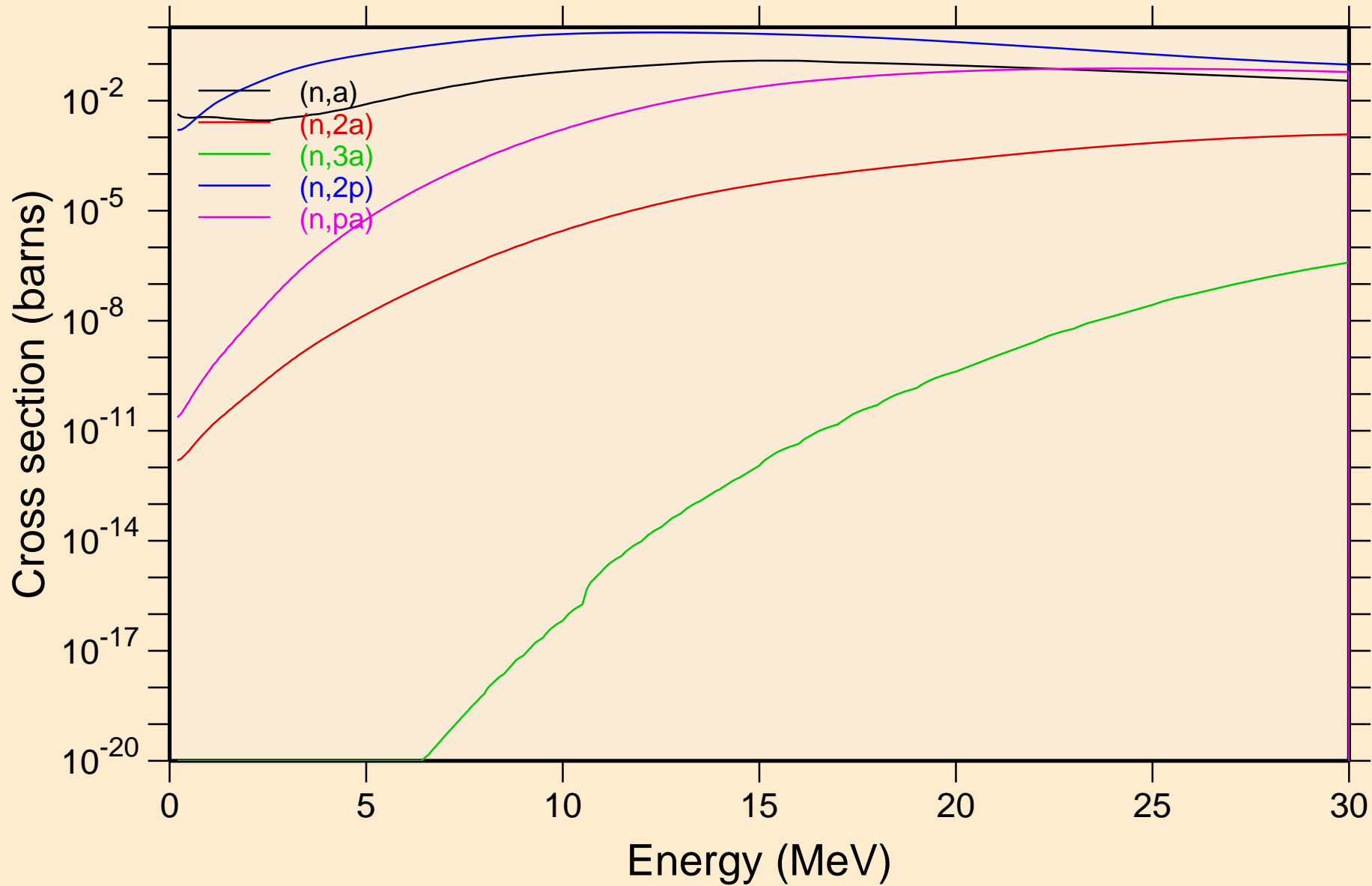


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

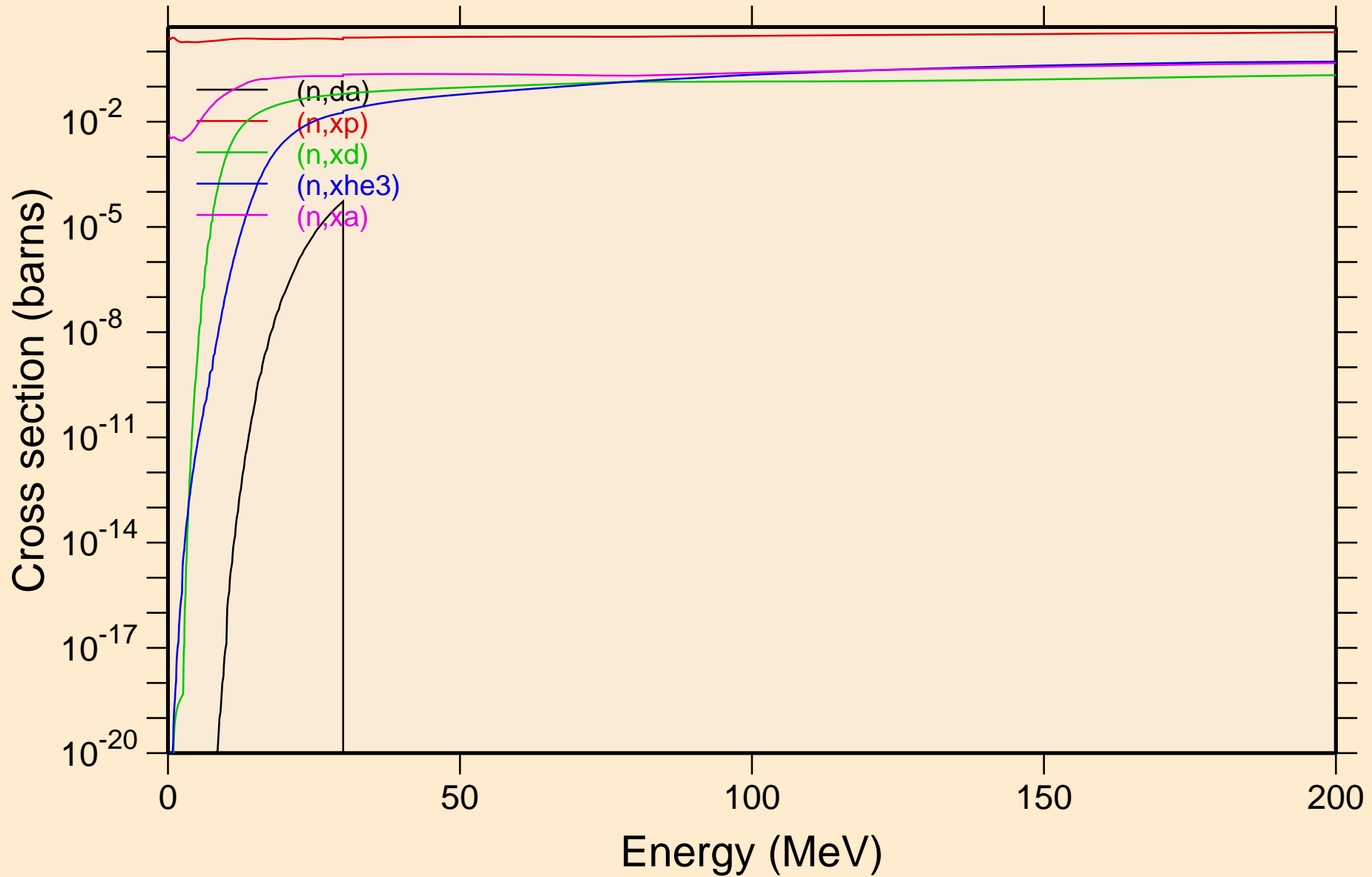




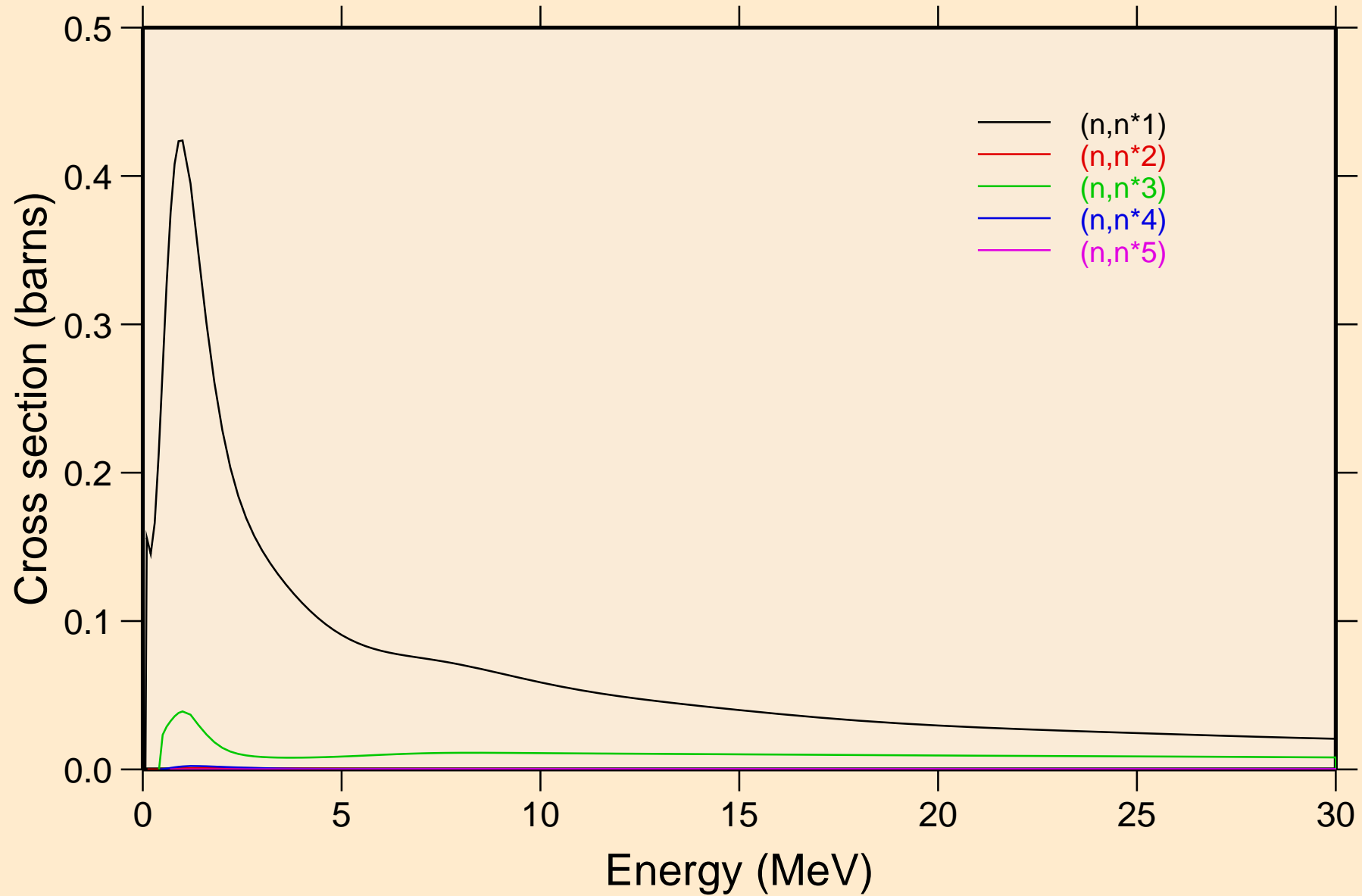
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

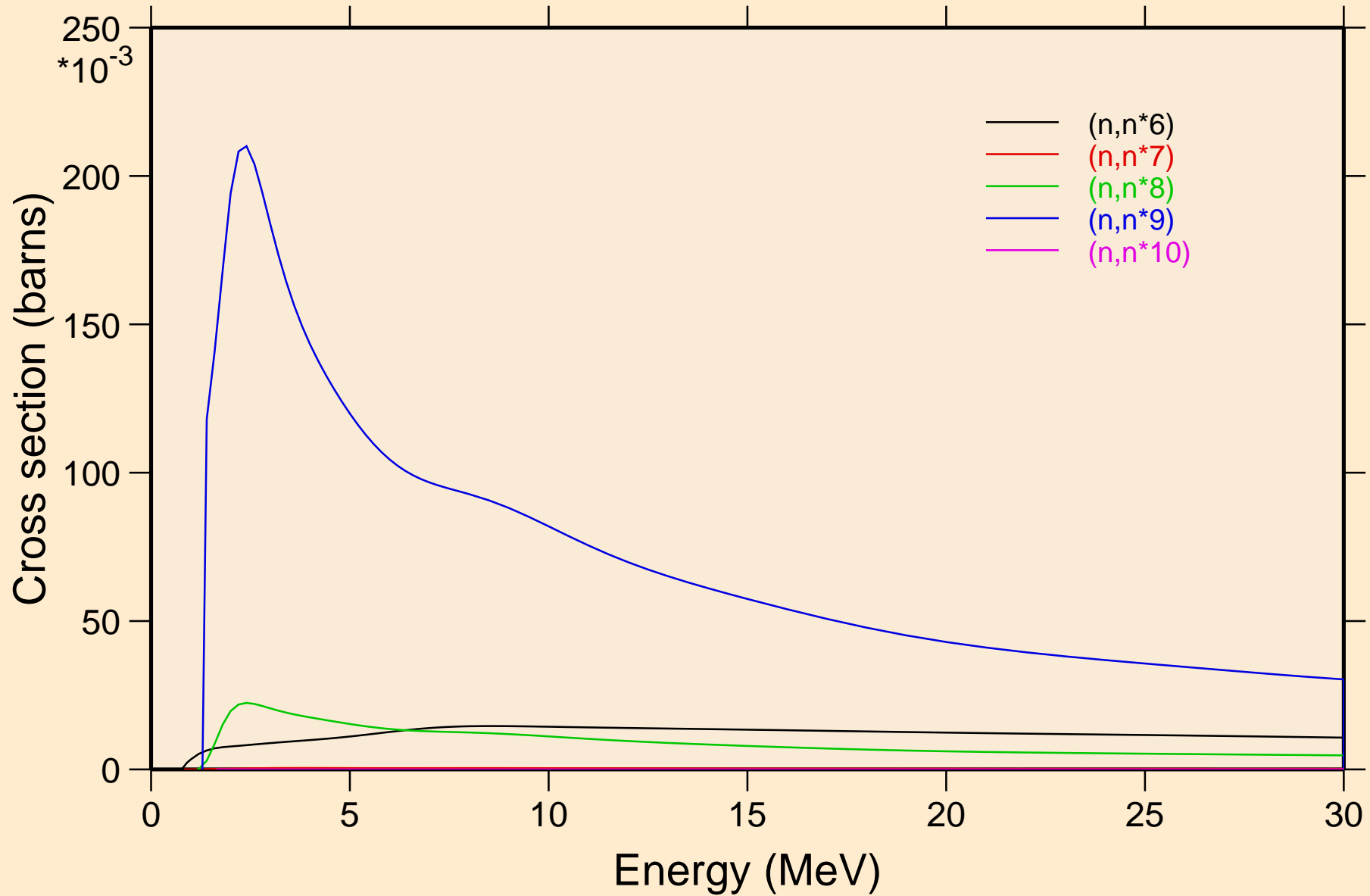


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

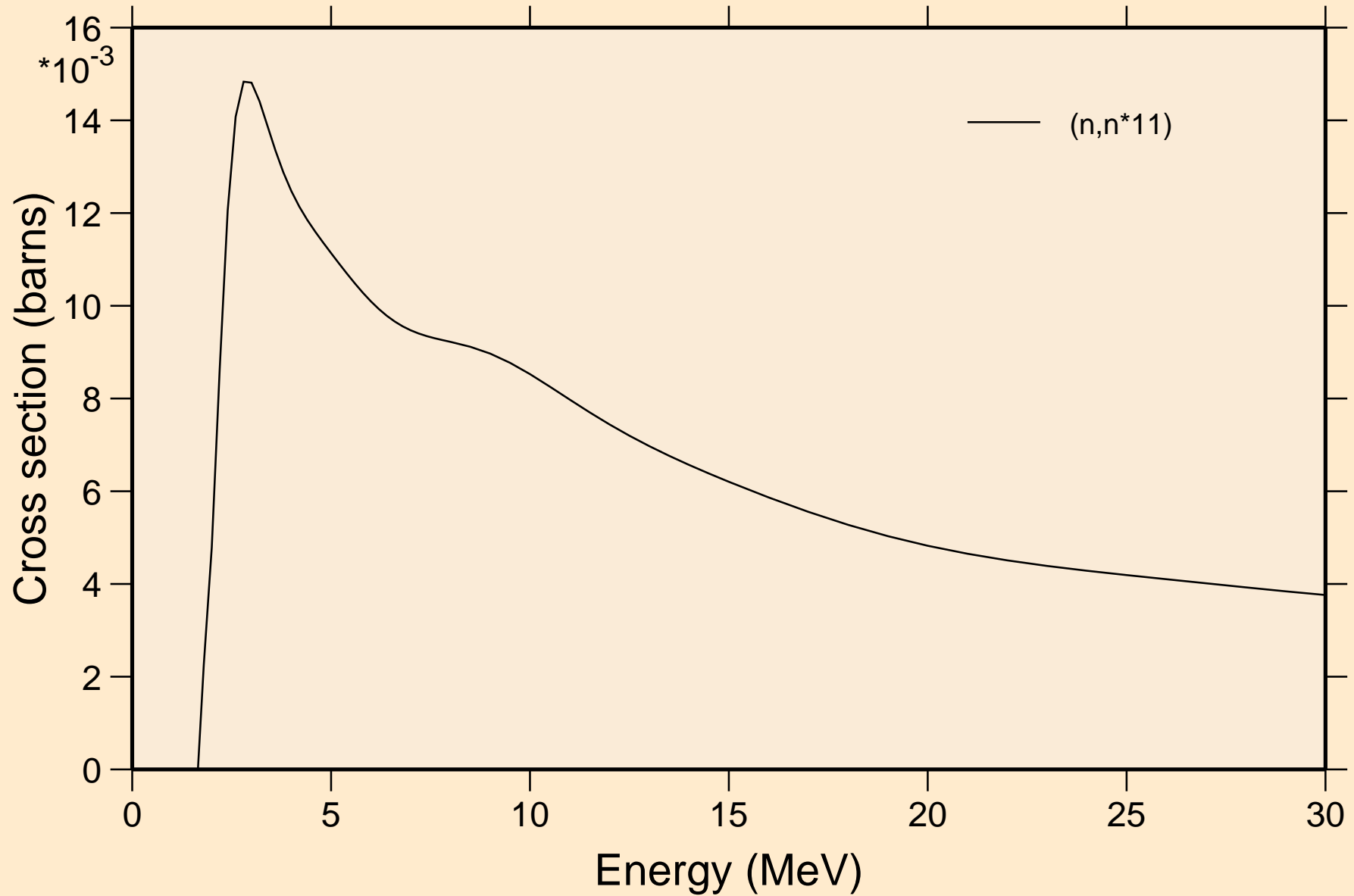


# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

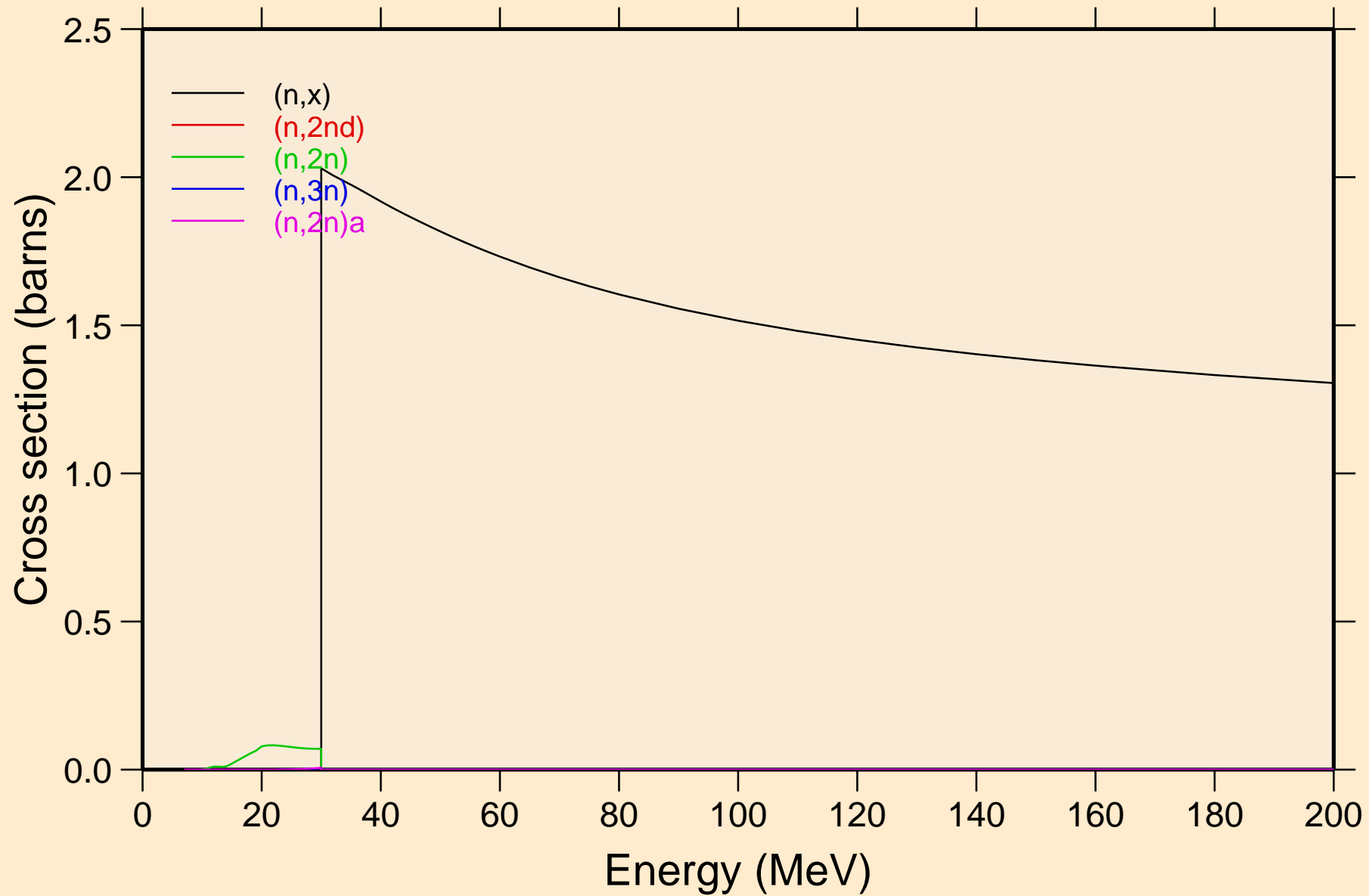
## Inelastic levels



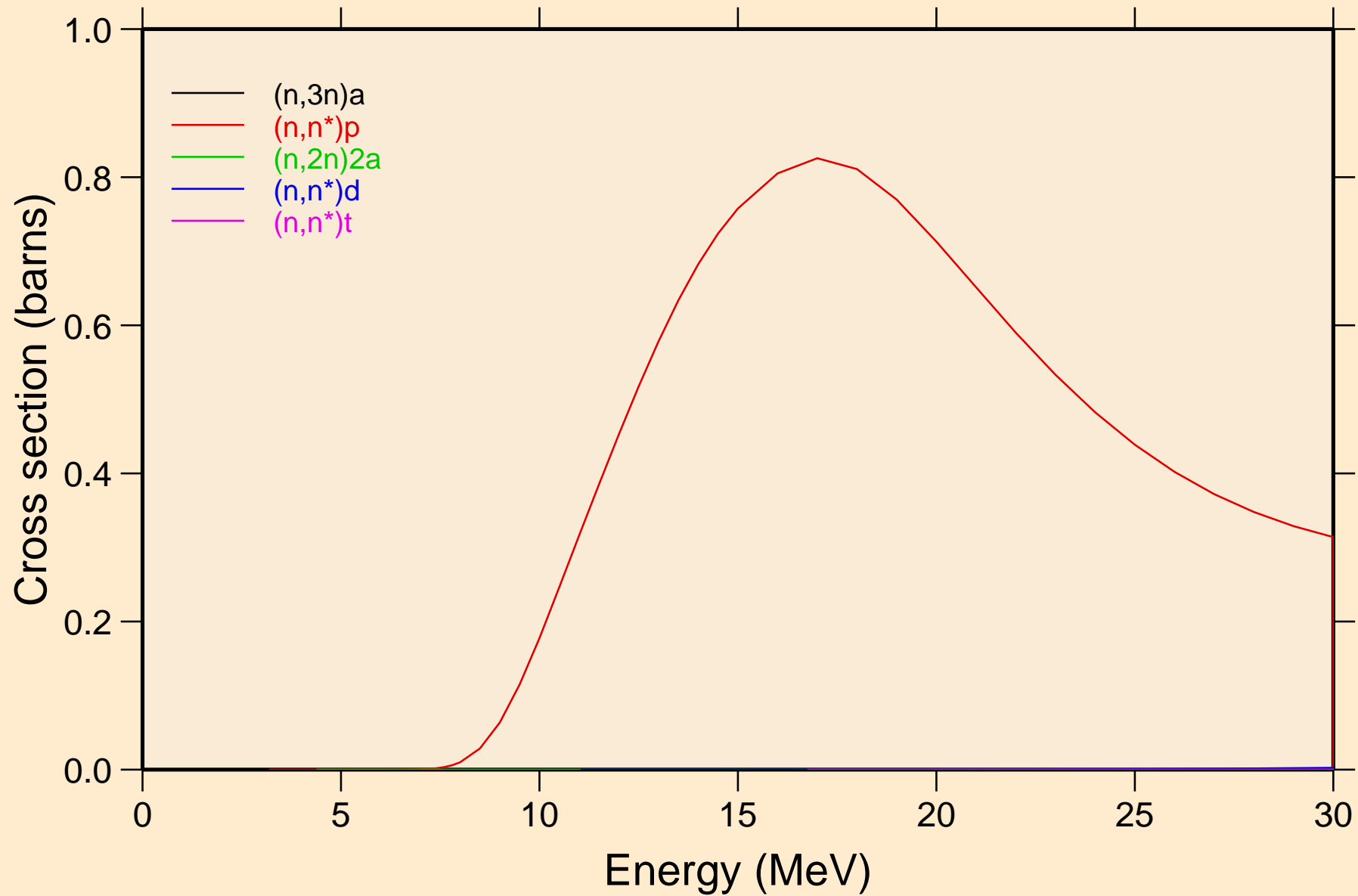
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



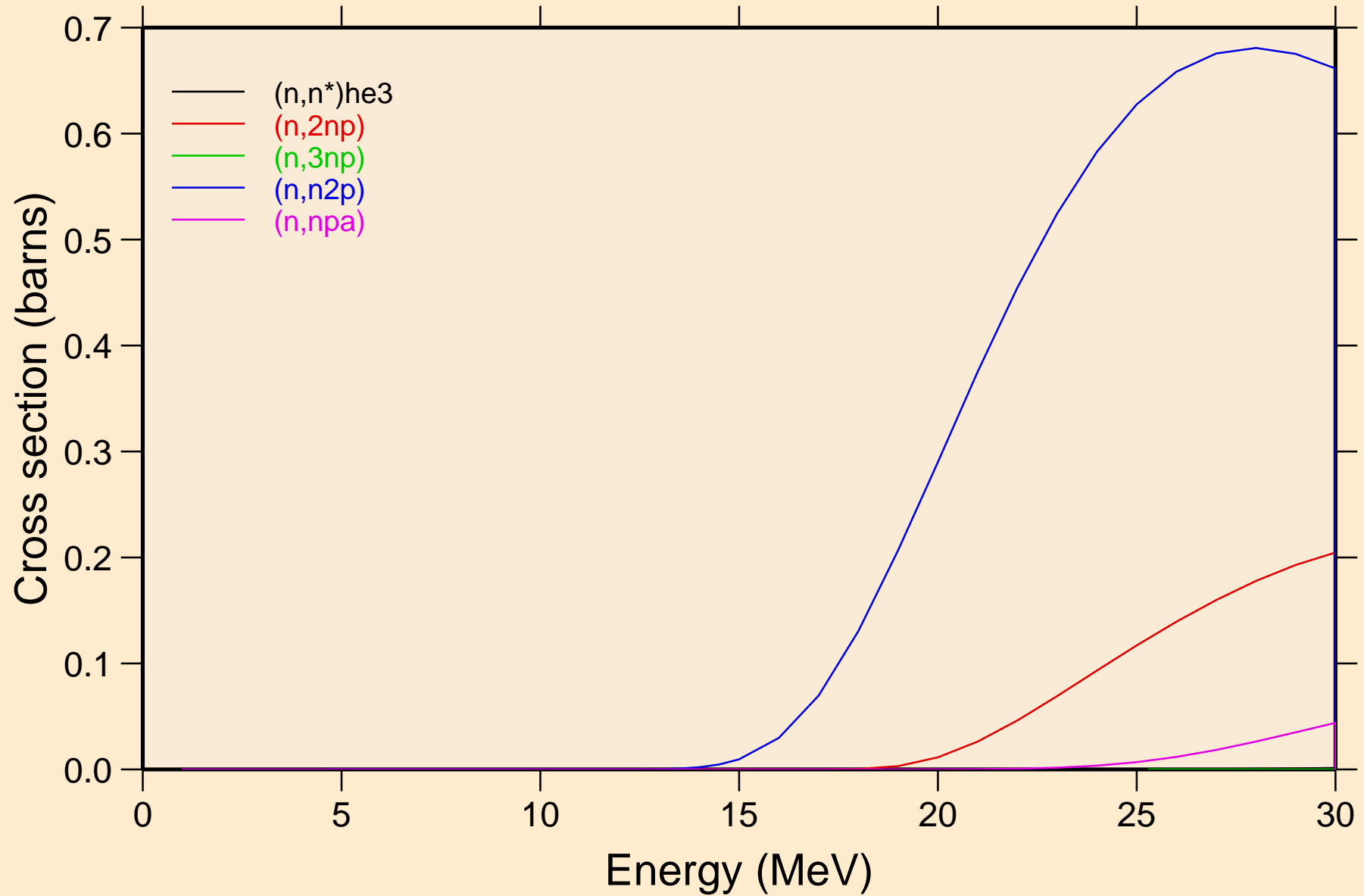
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



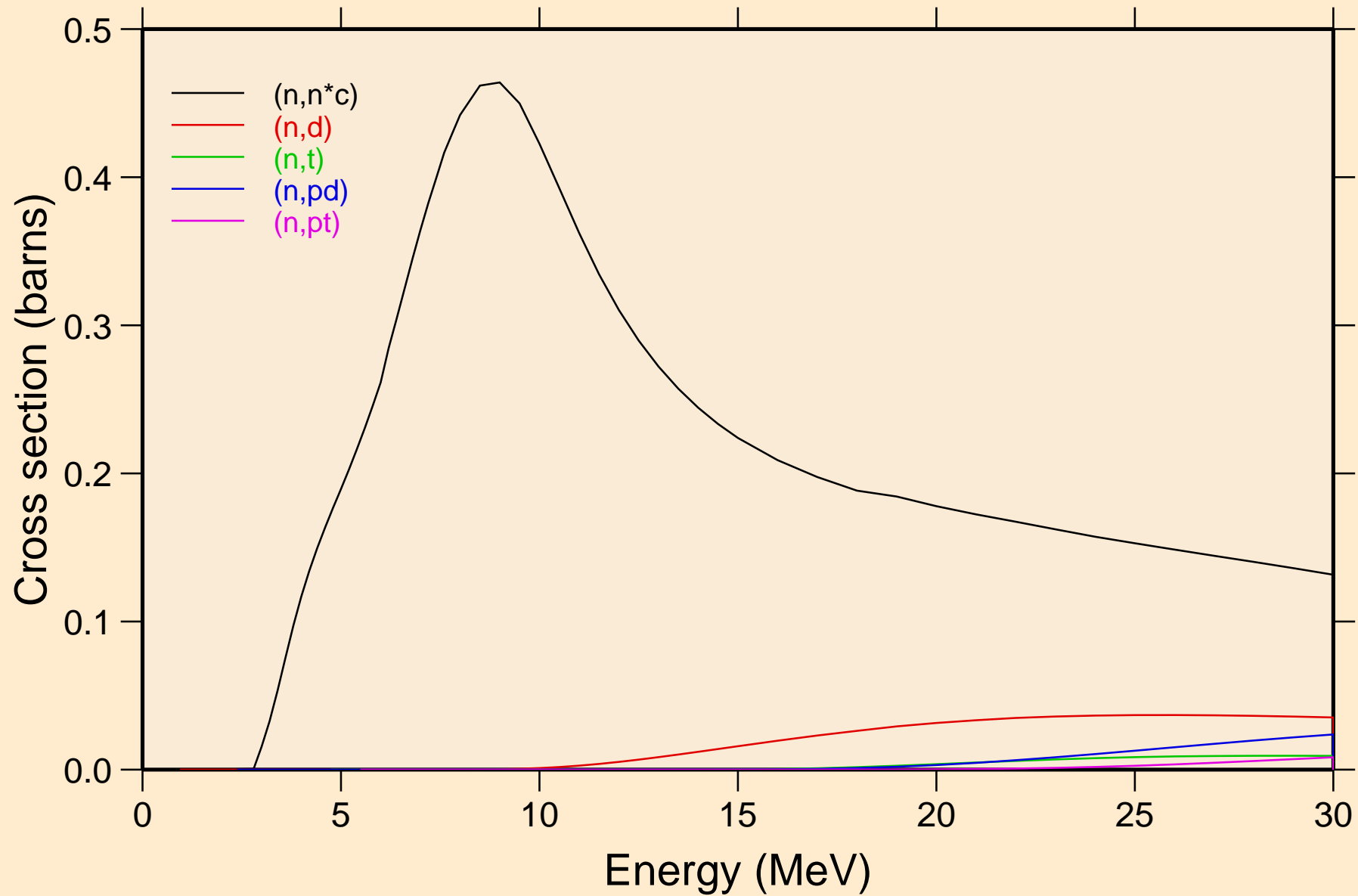
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



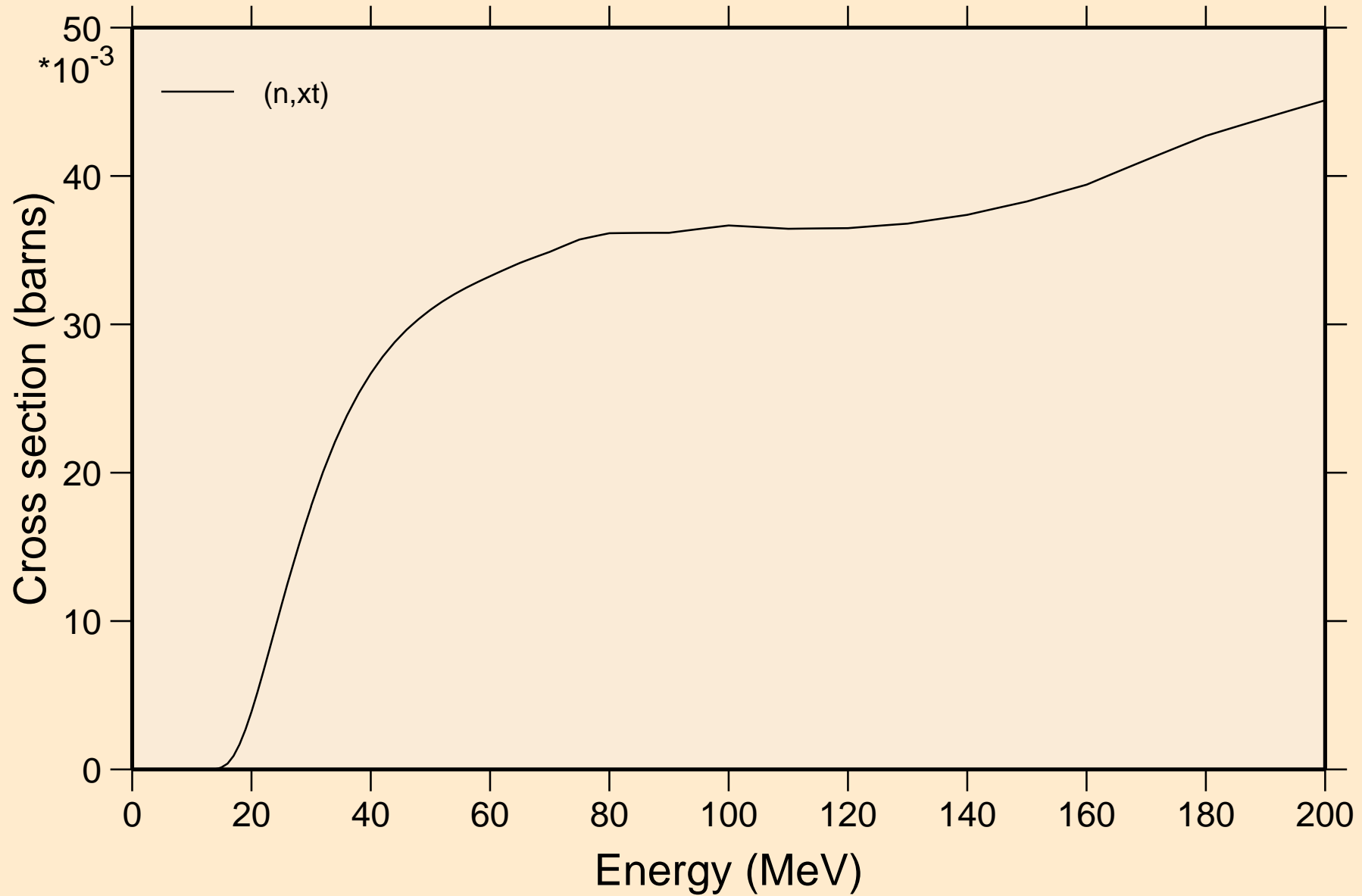


# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

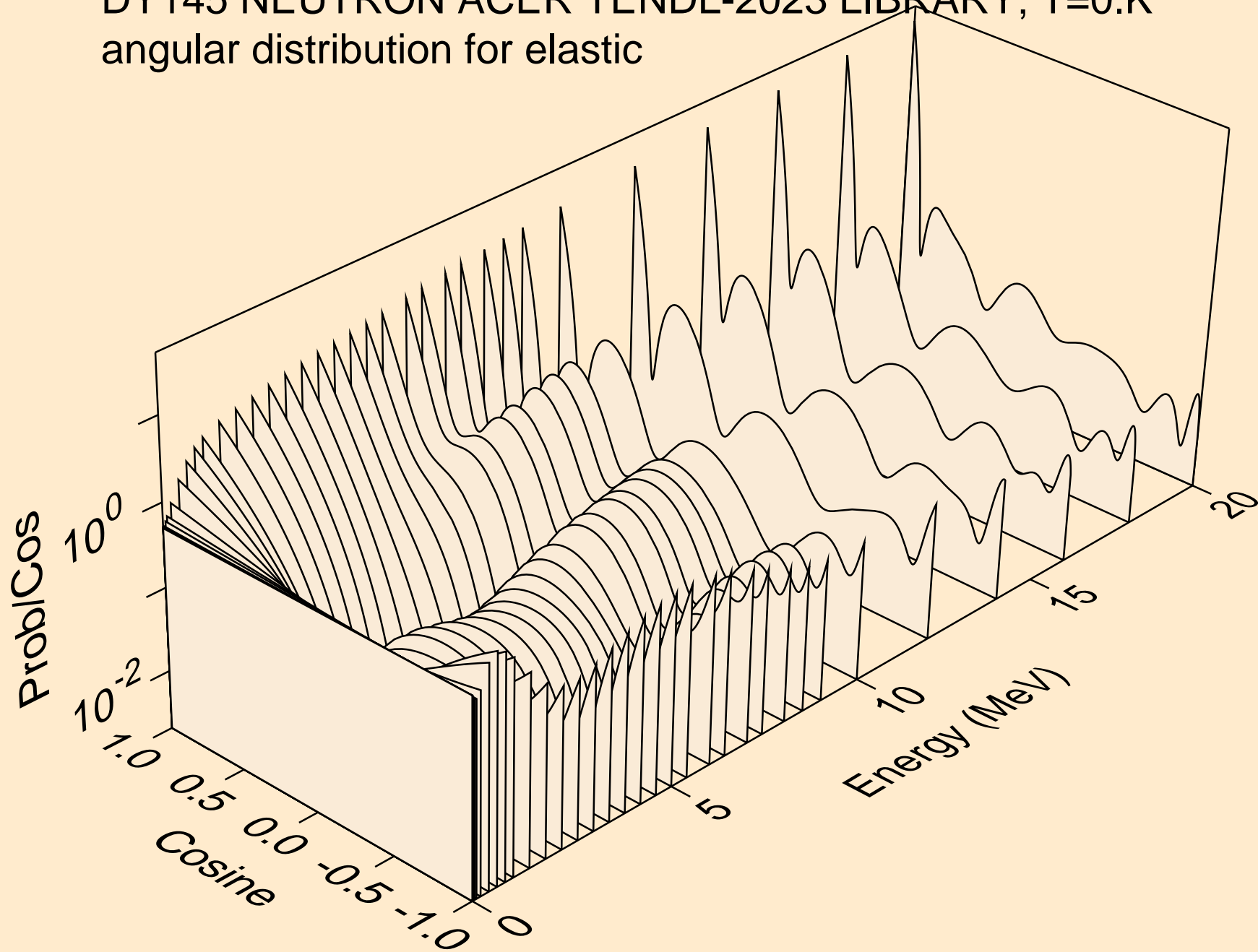
## Threshold reactions



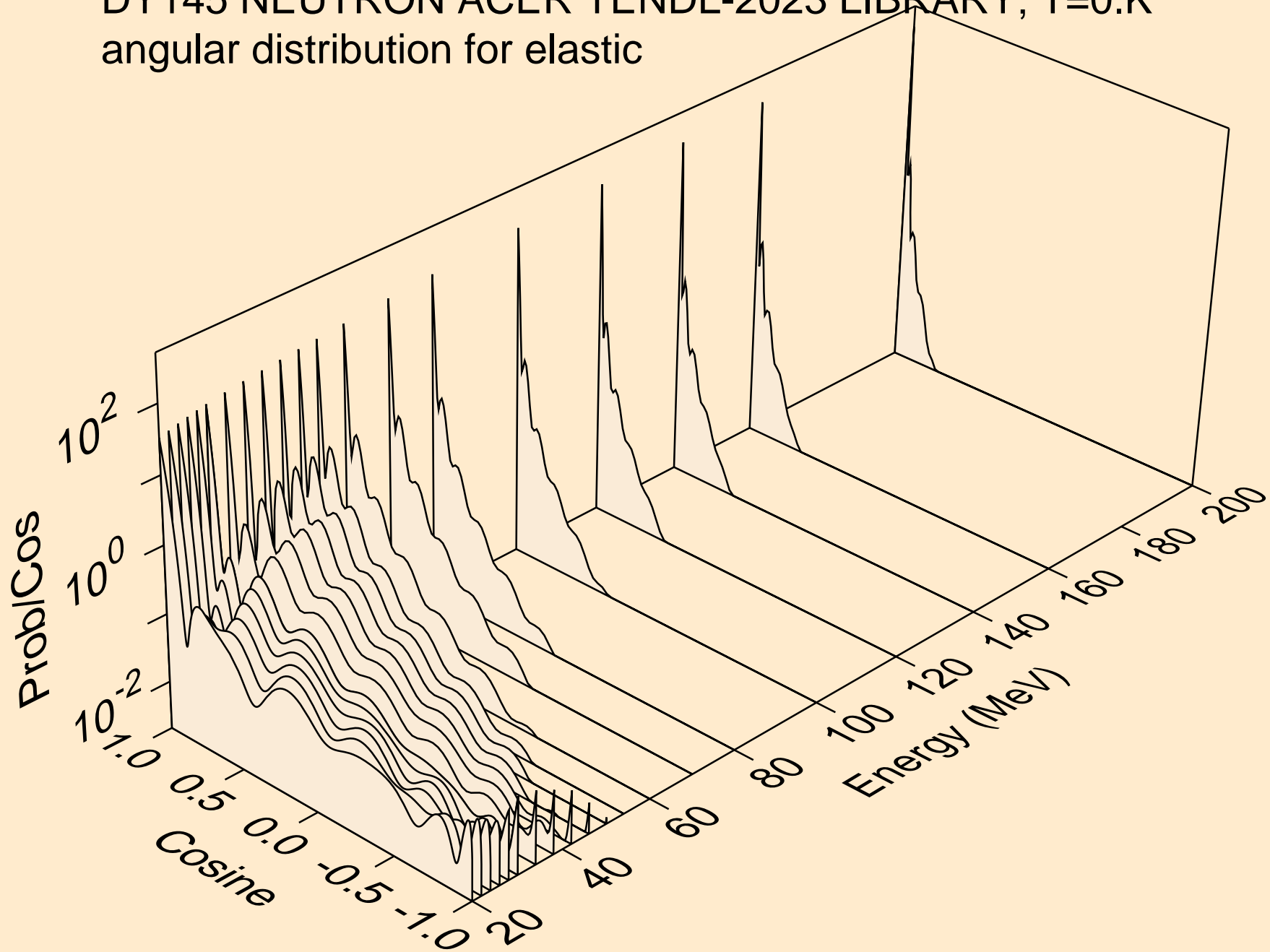
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



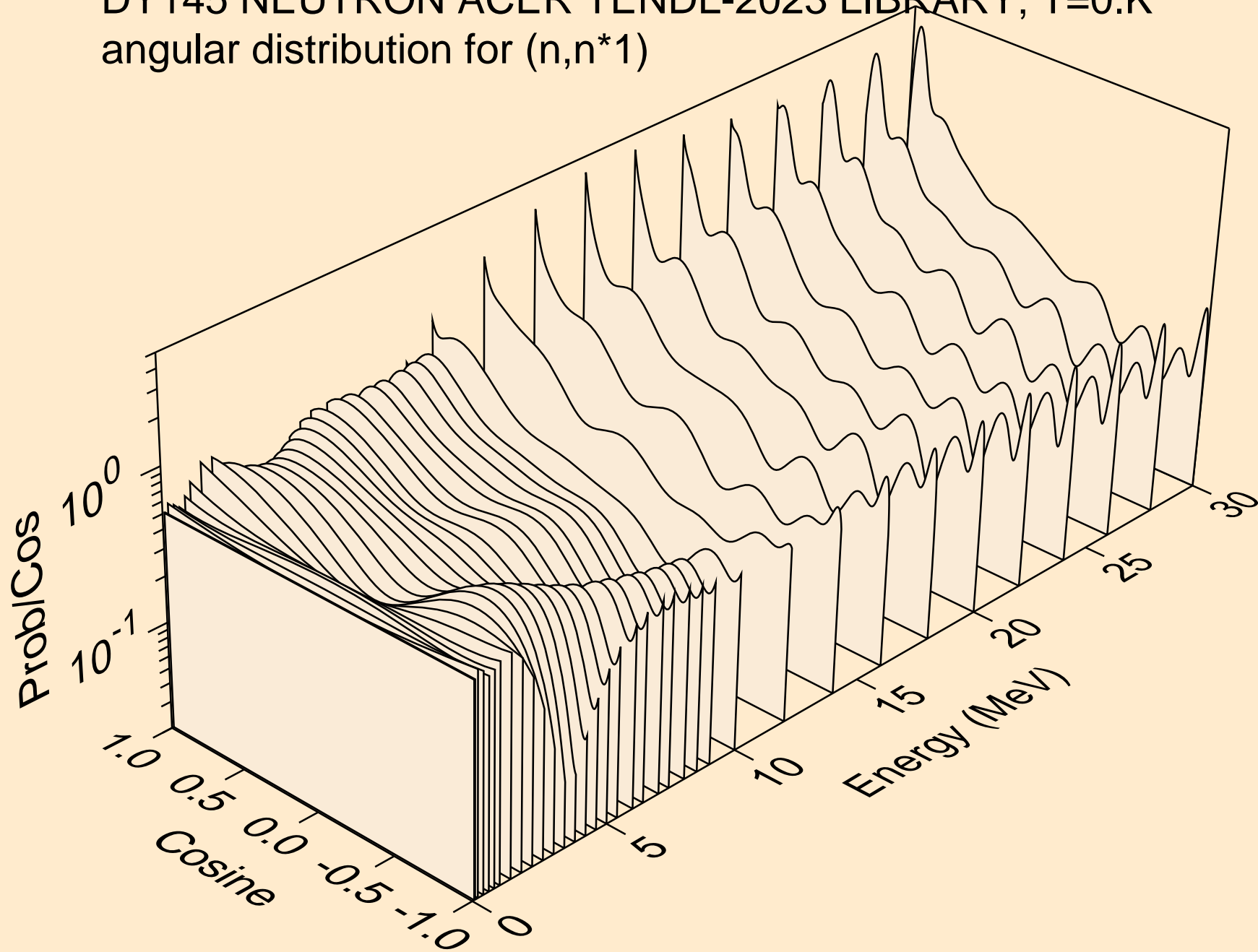
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



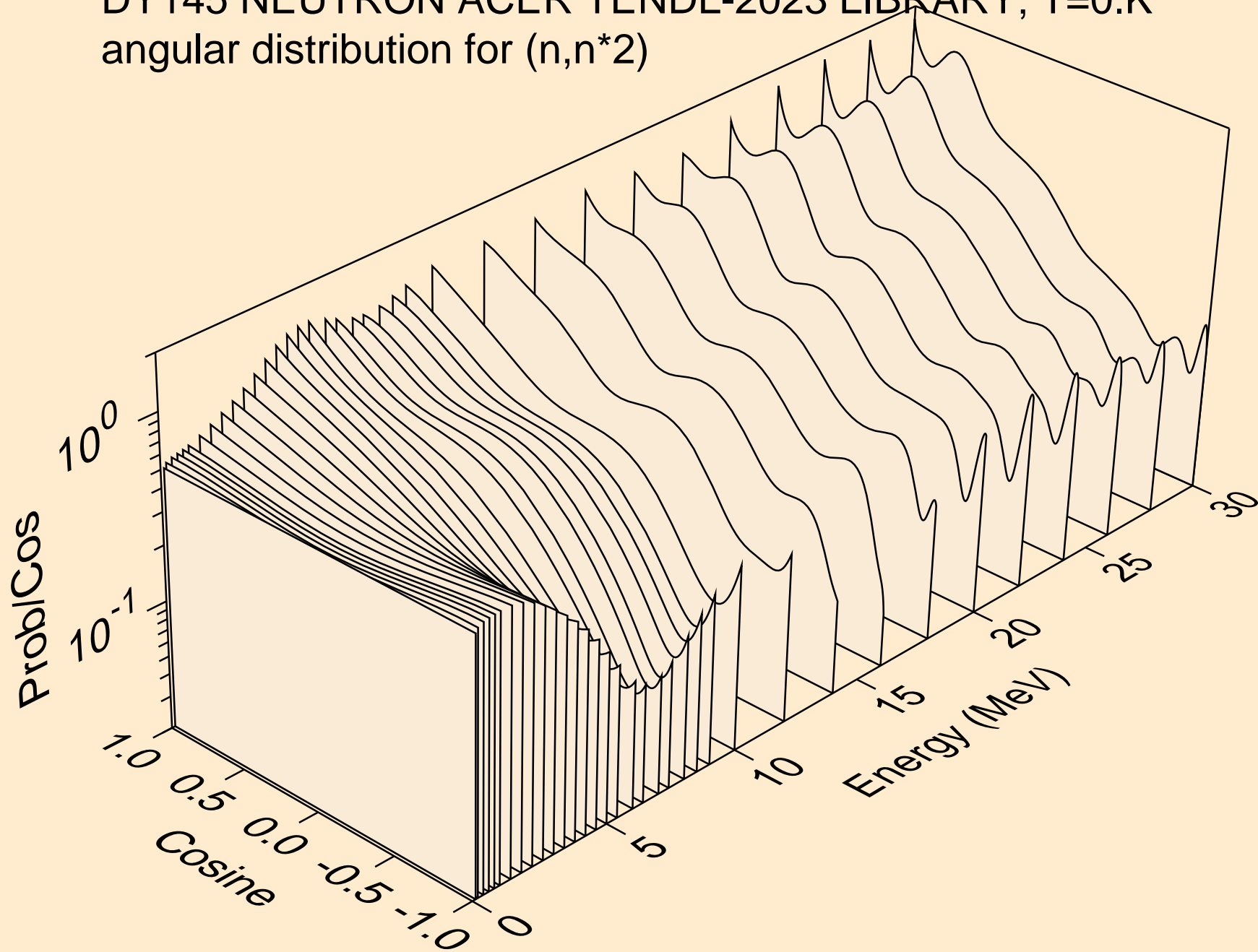
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angular distribution for elastic



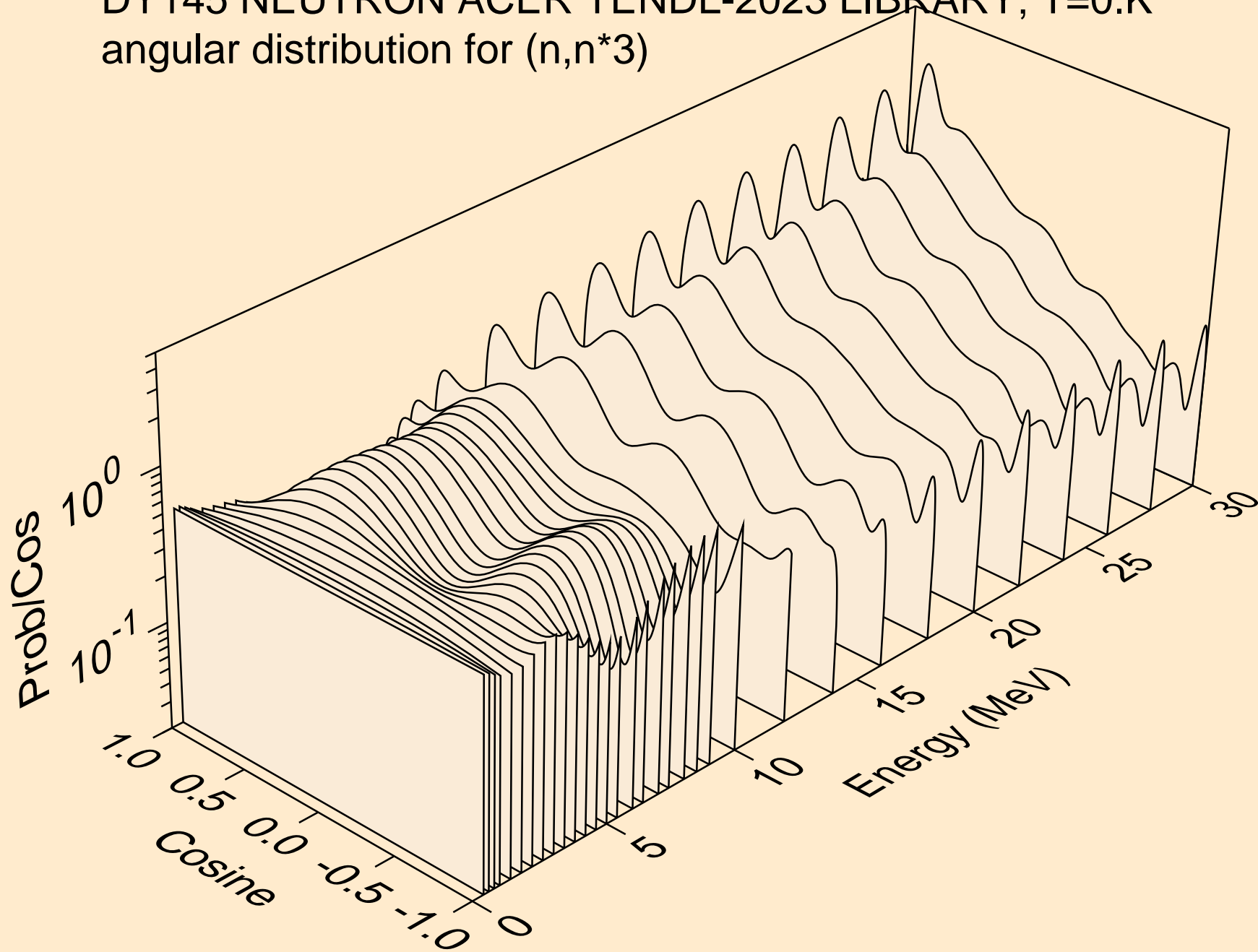
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



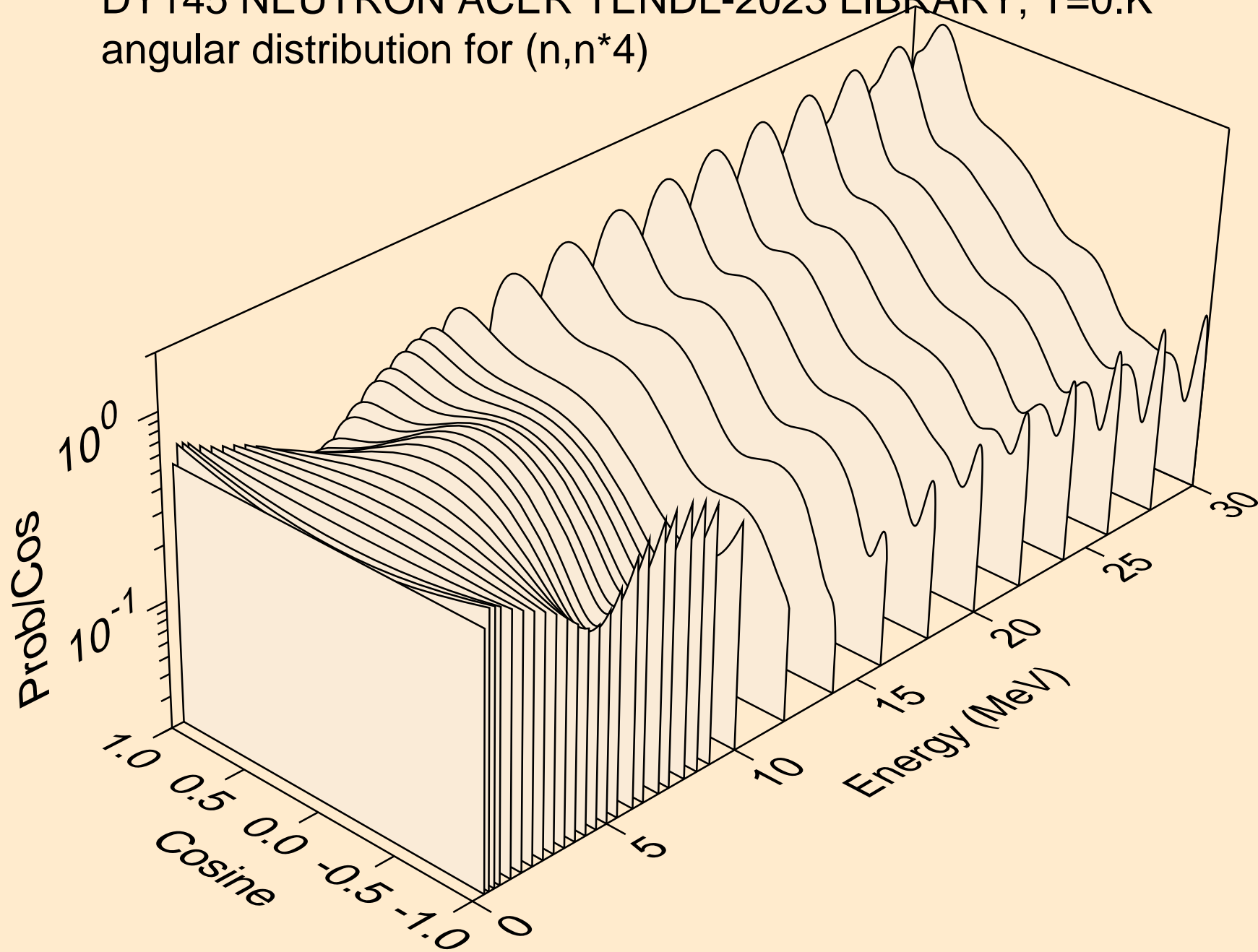
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

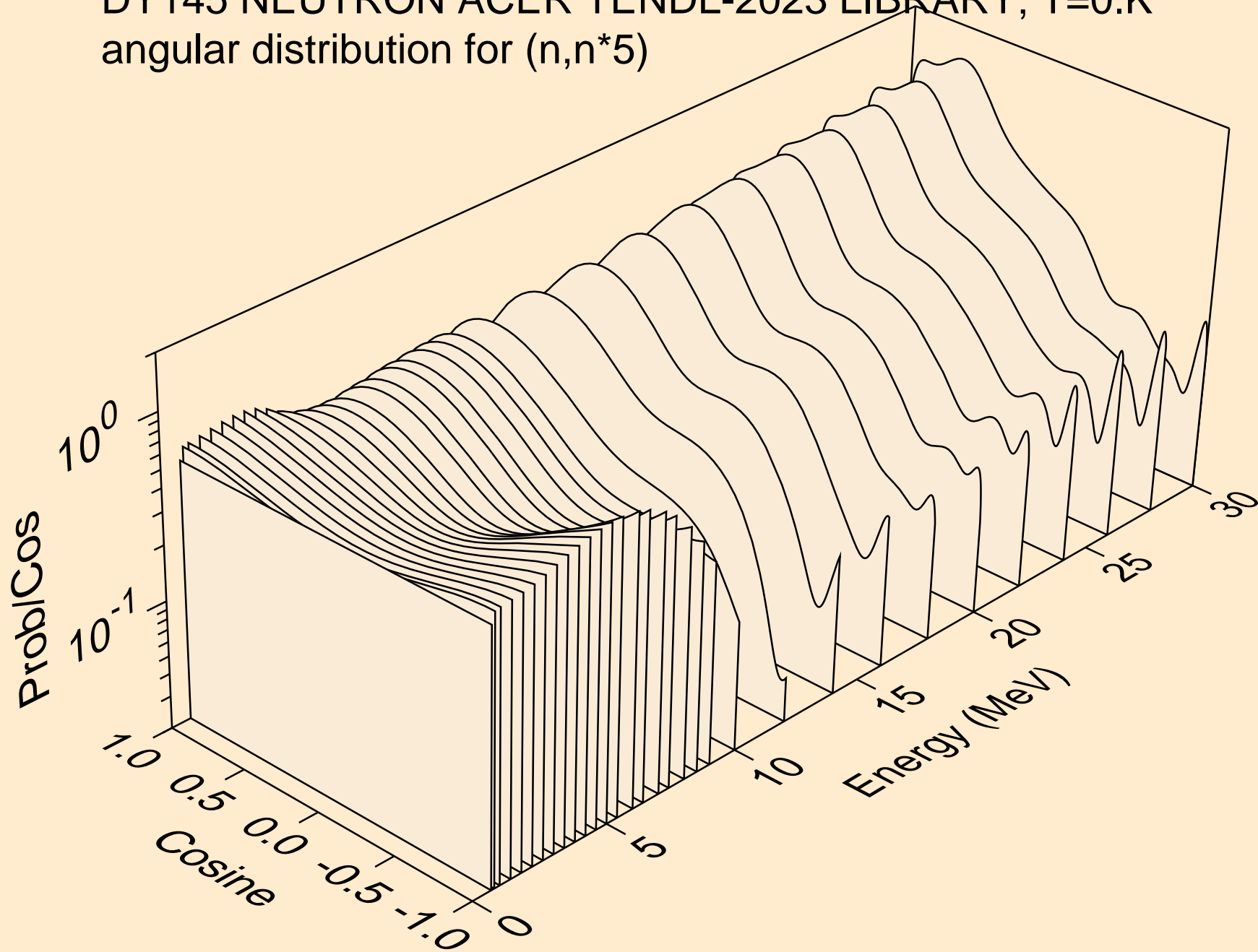


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

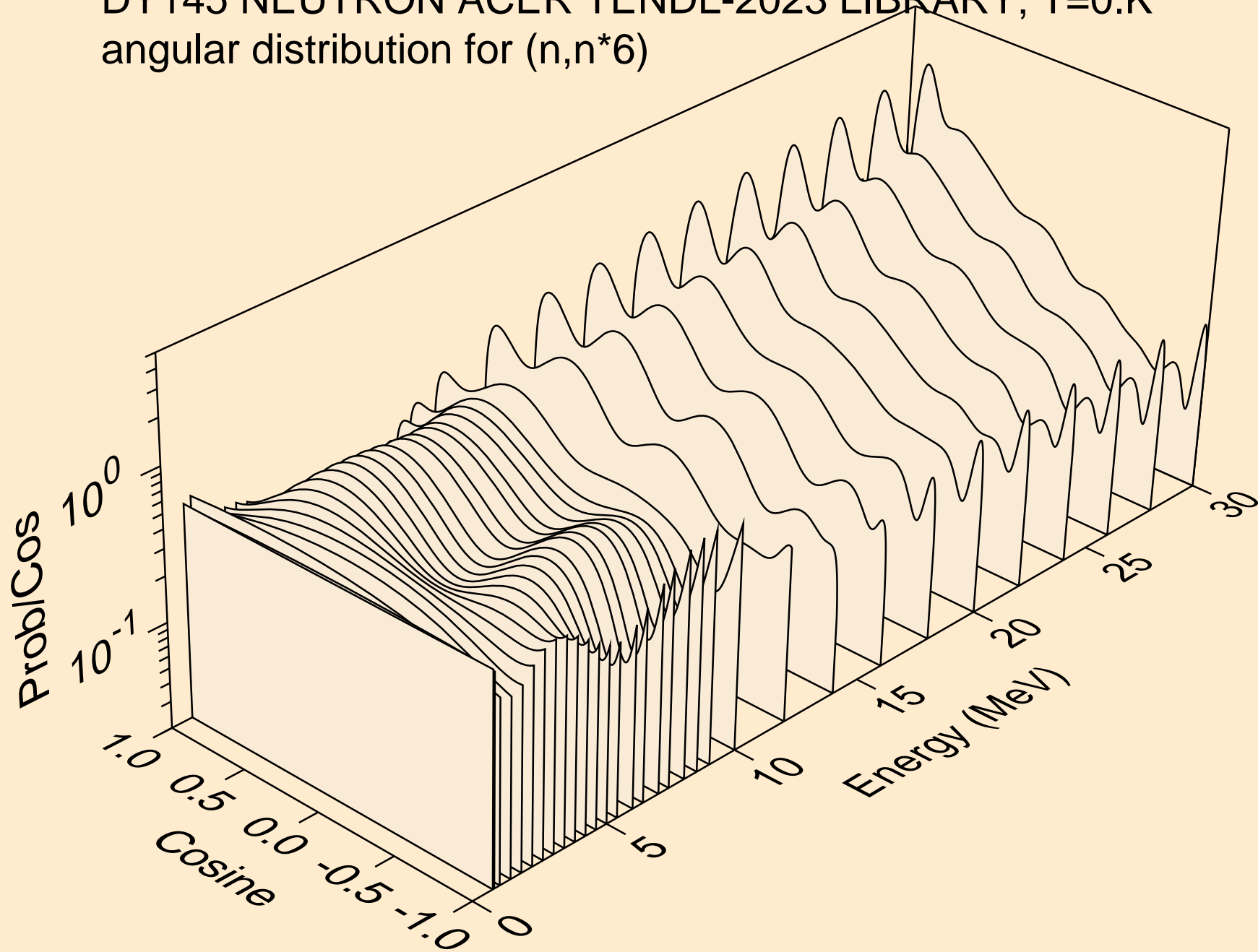




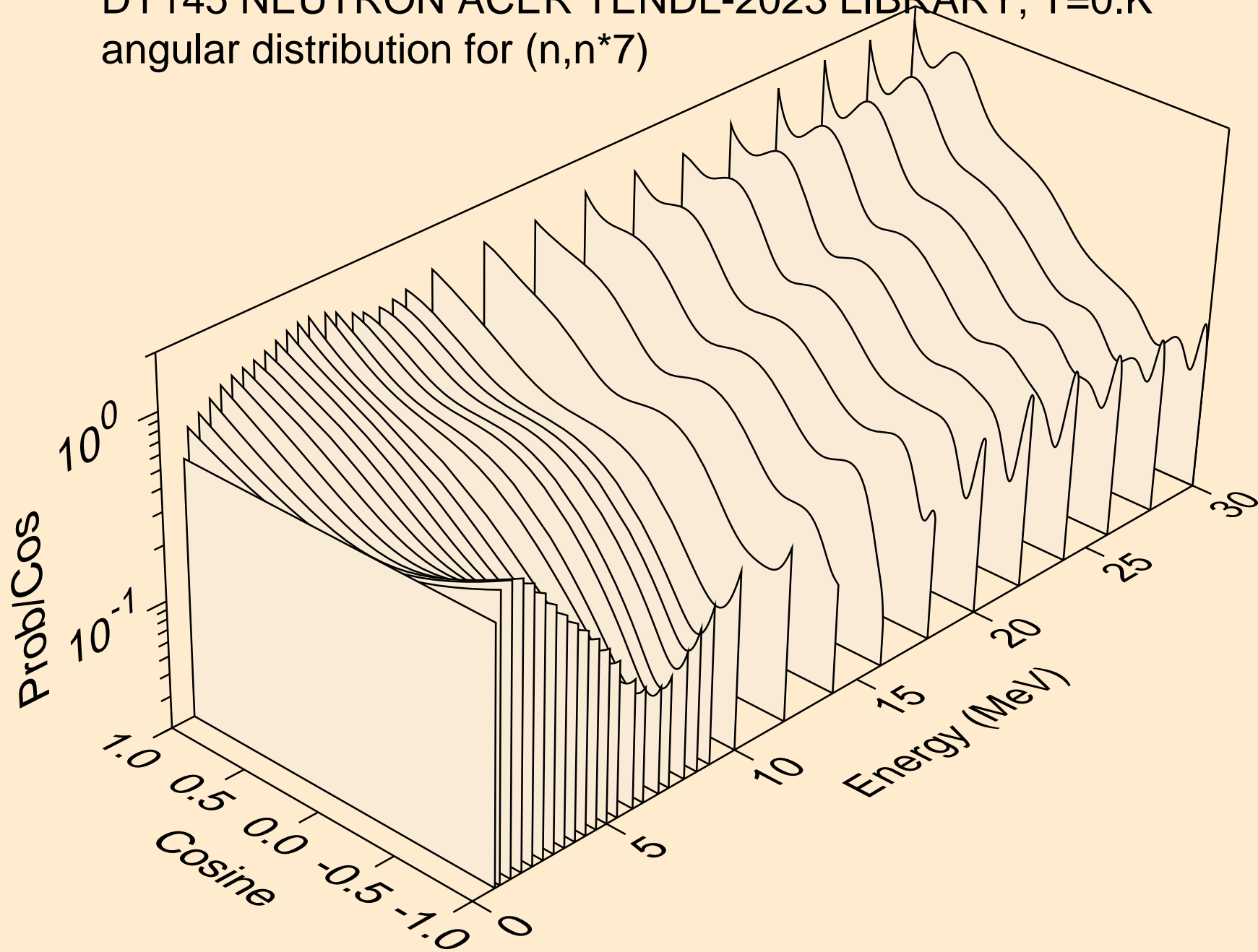
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angular distribution for (n,n\*5)



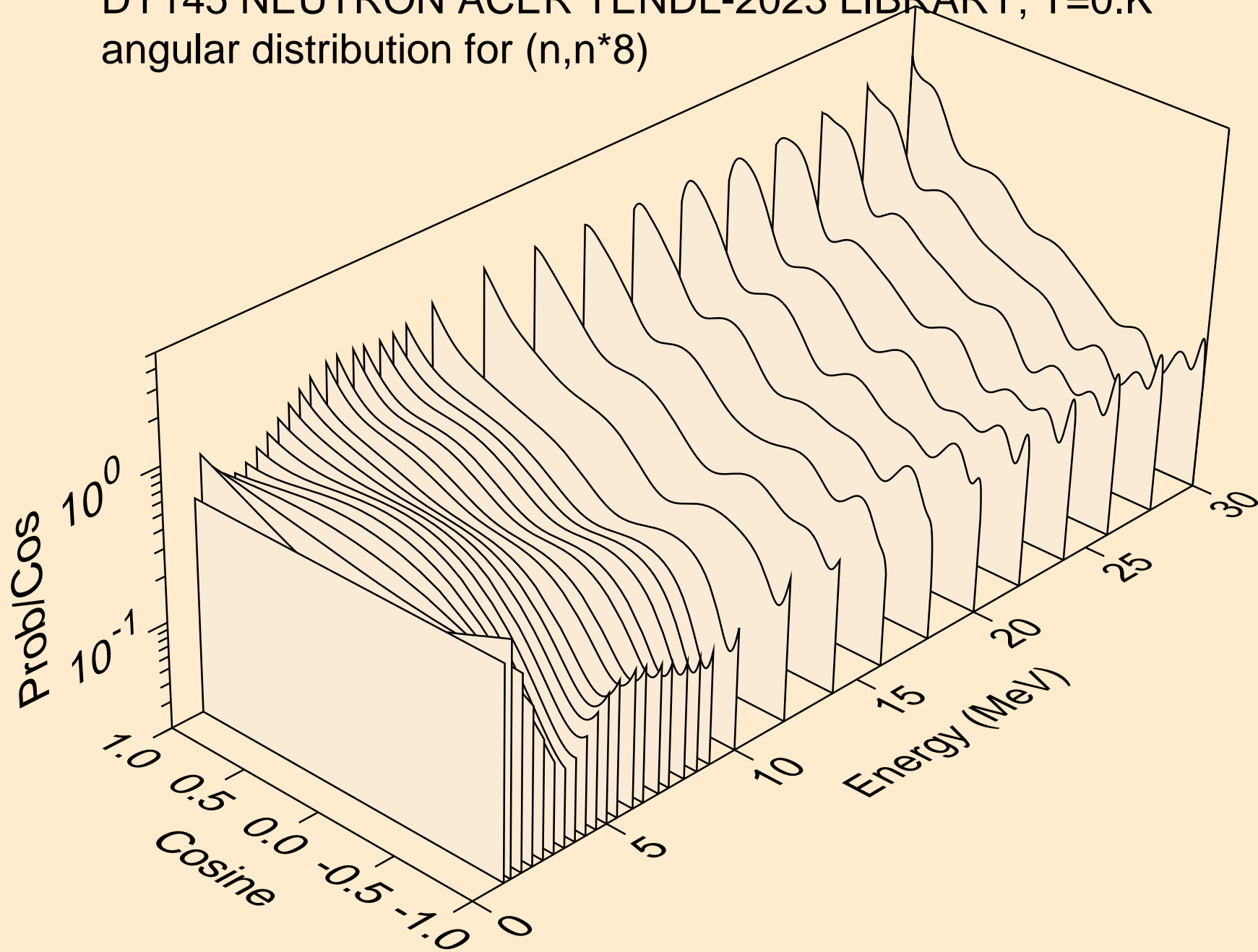
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angular distribution for (n,n\*6)



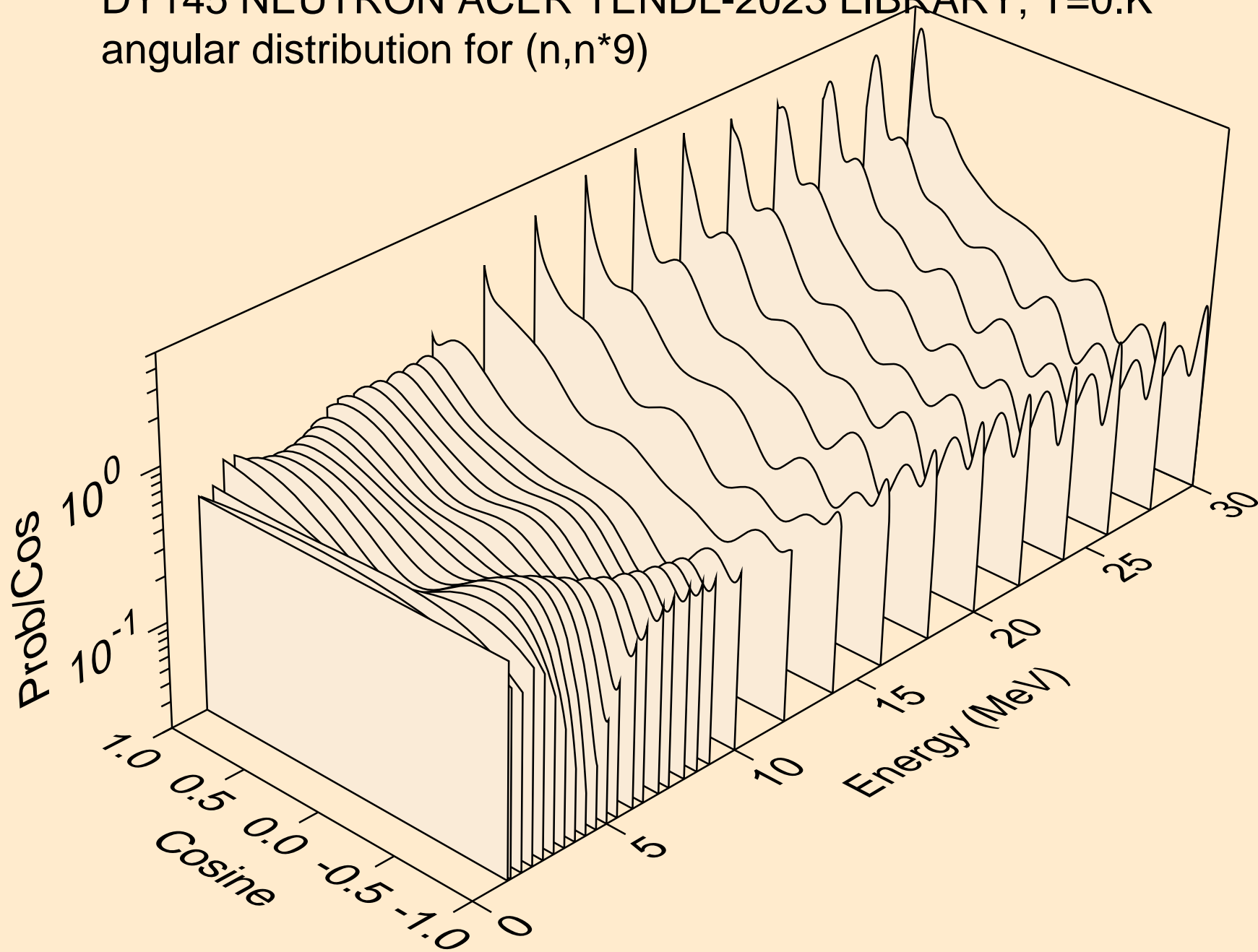
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angular distribution for (n,n\*7)



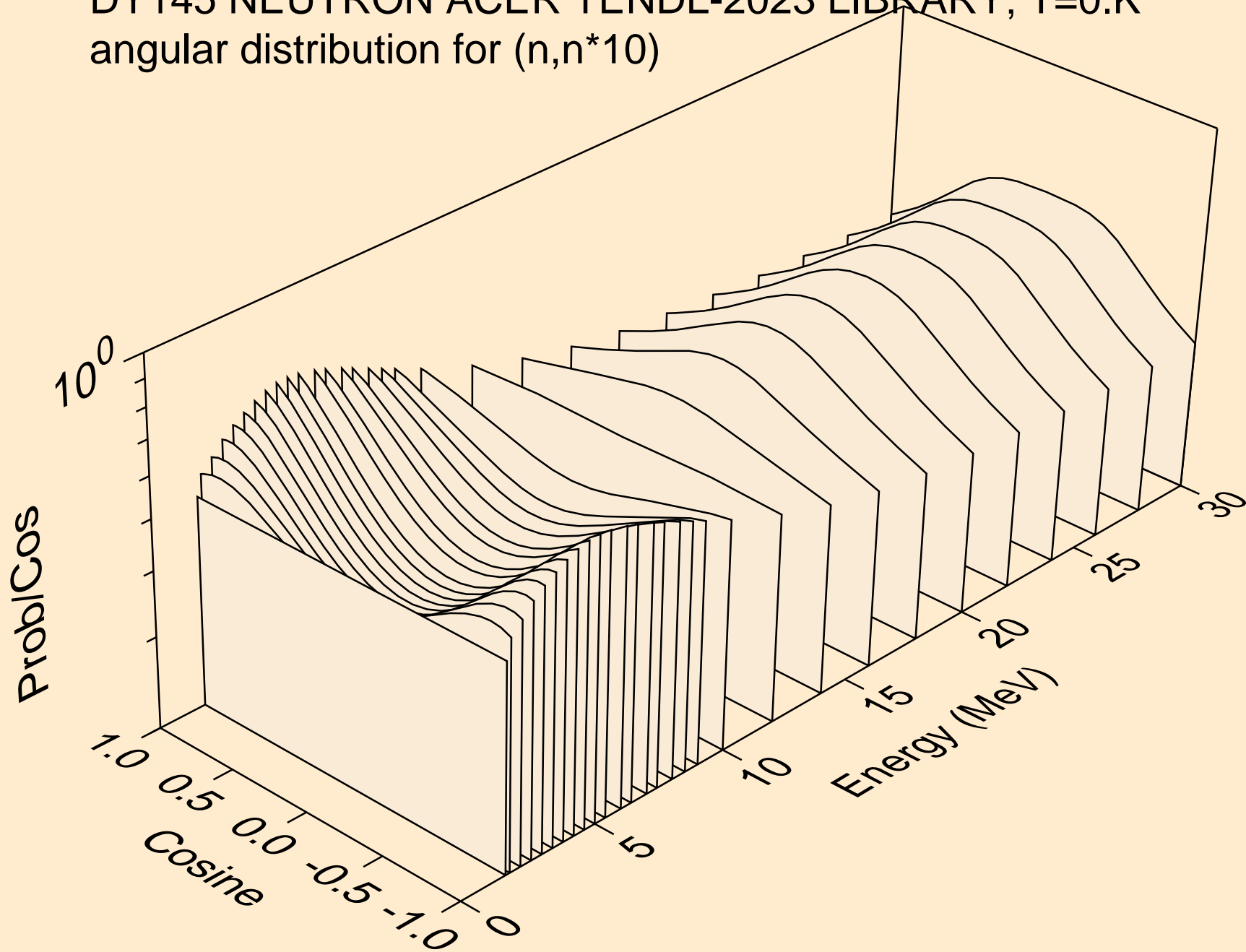
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angular distribution for (n,n\*8)



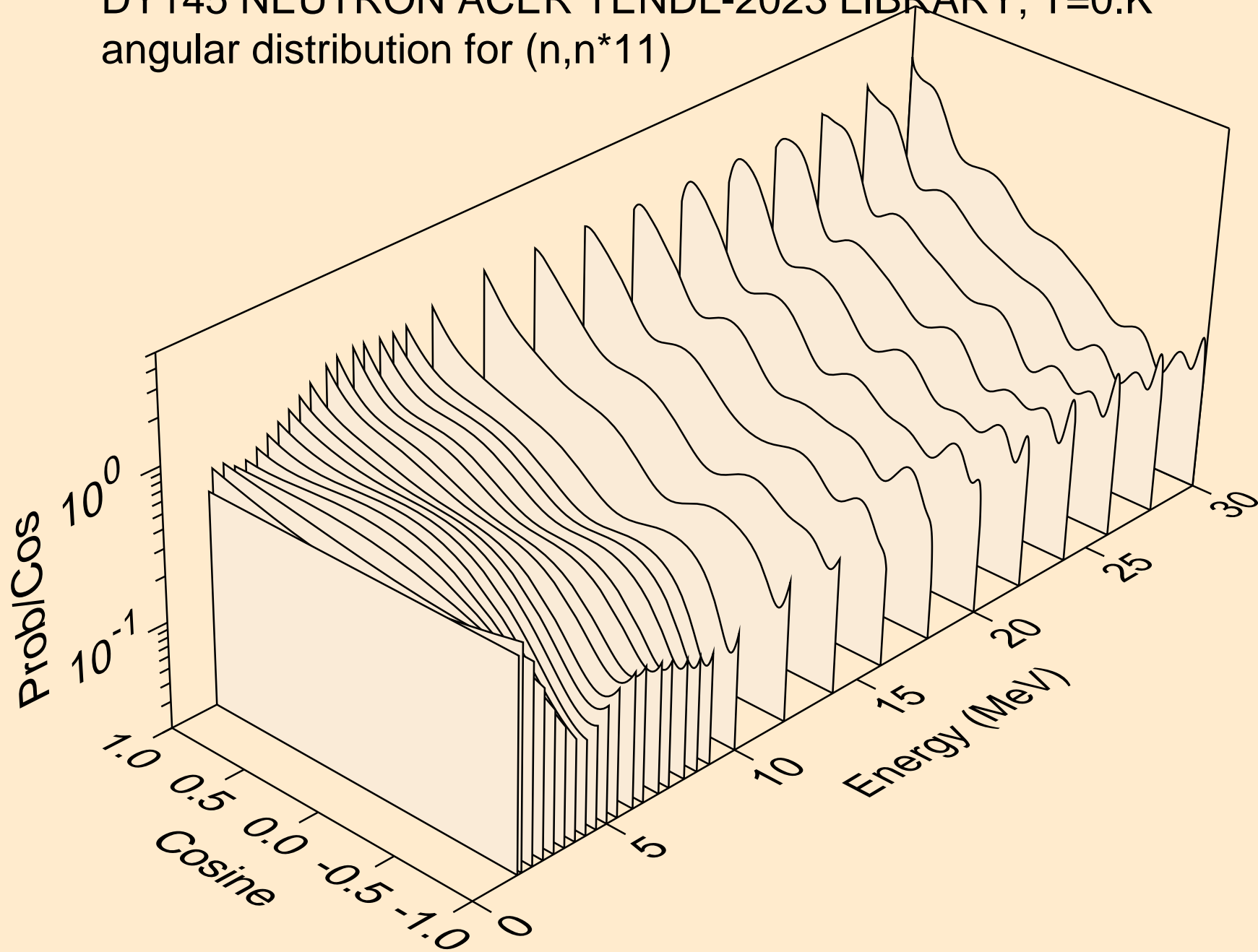
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angular distribution for (n,n\*9)



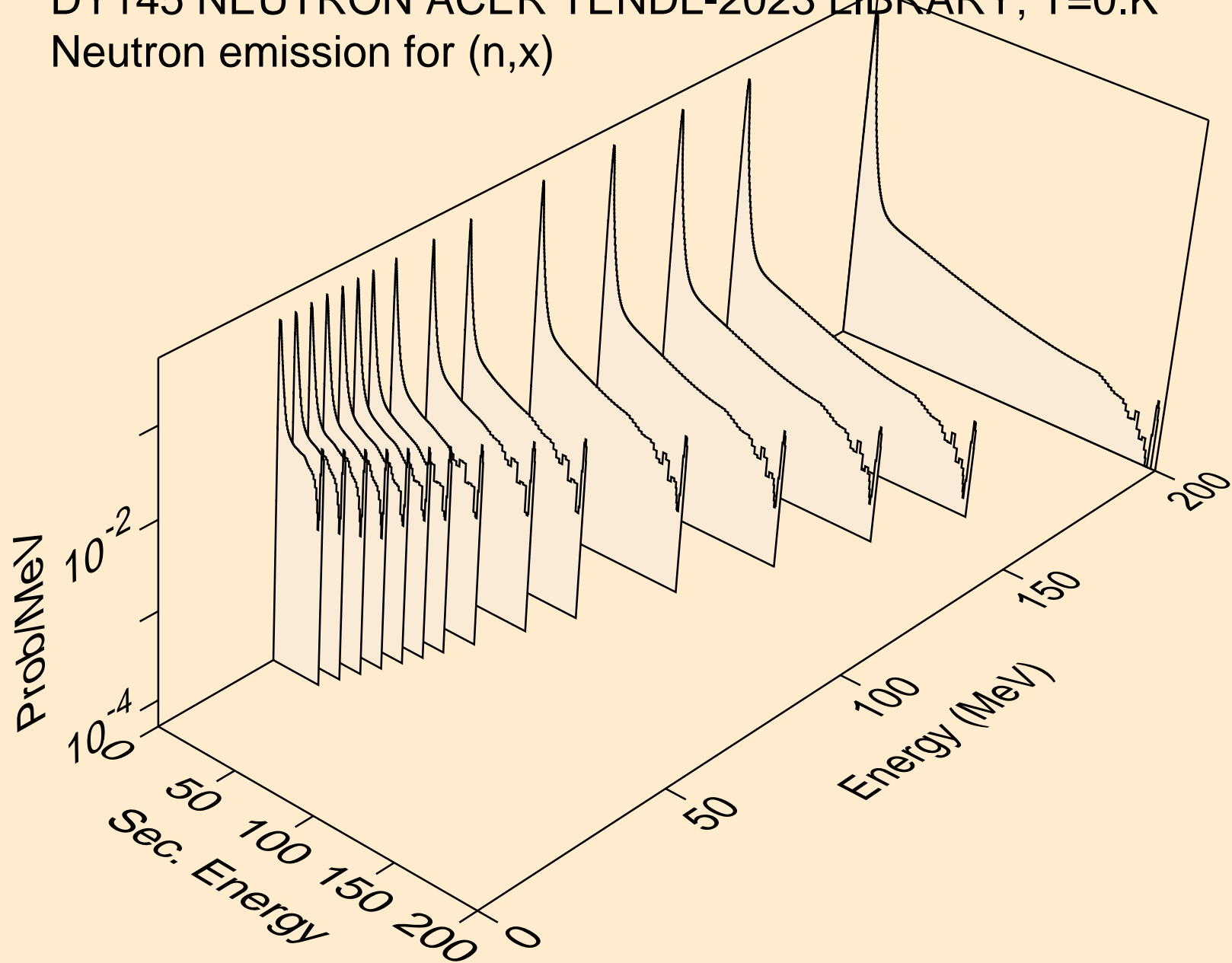
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

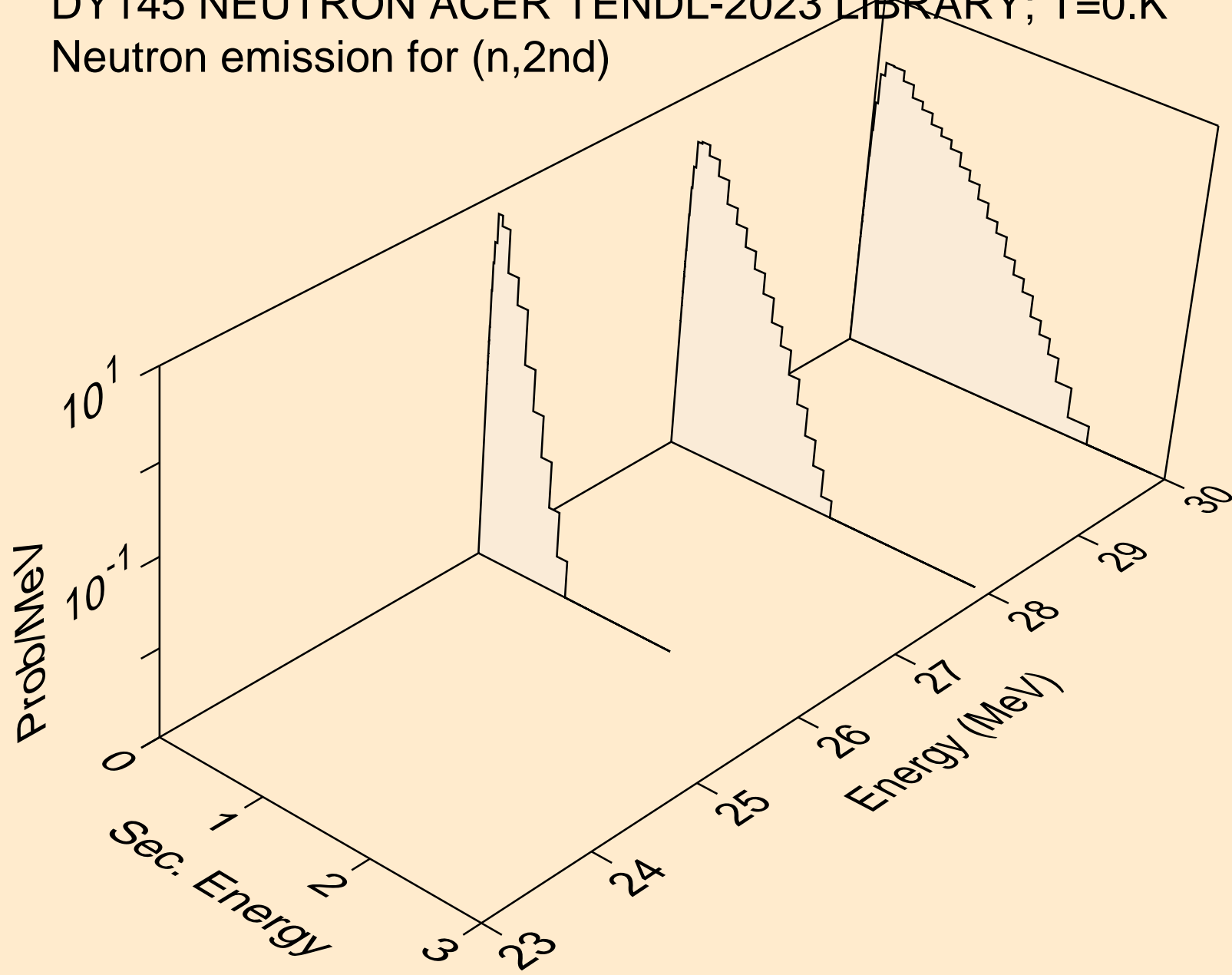


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

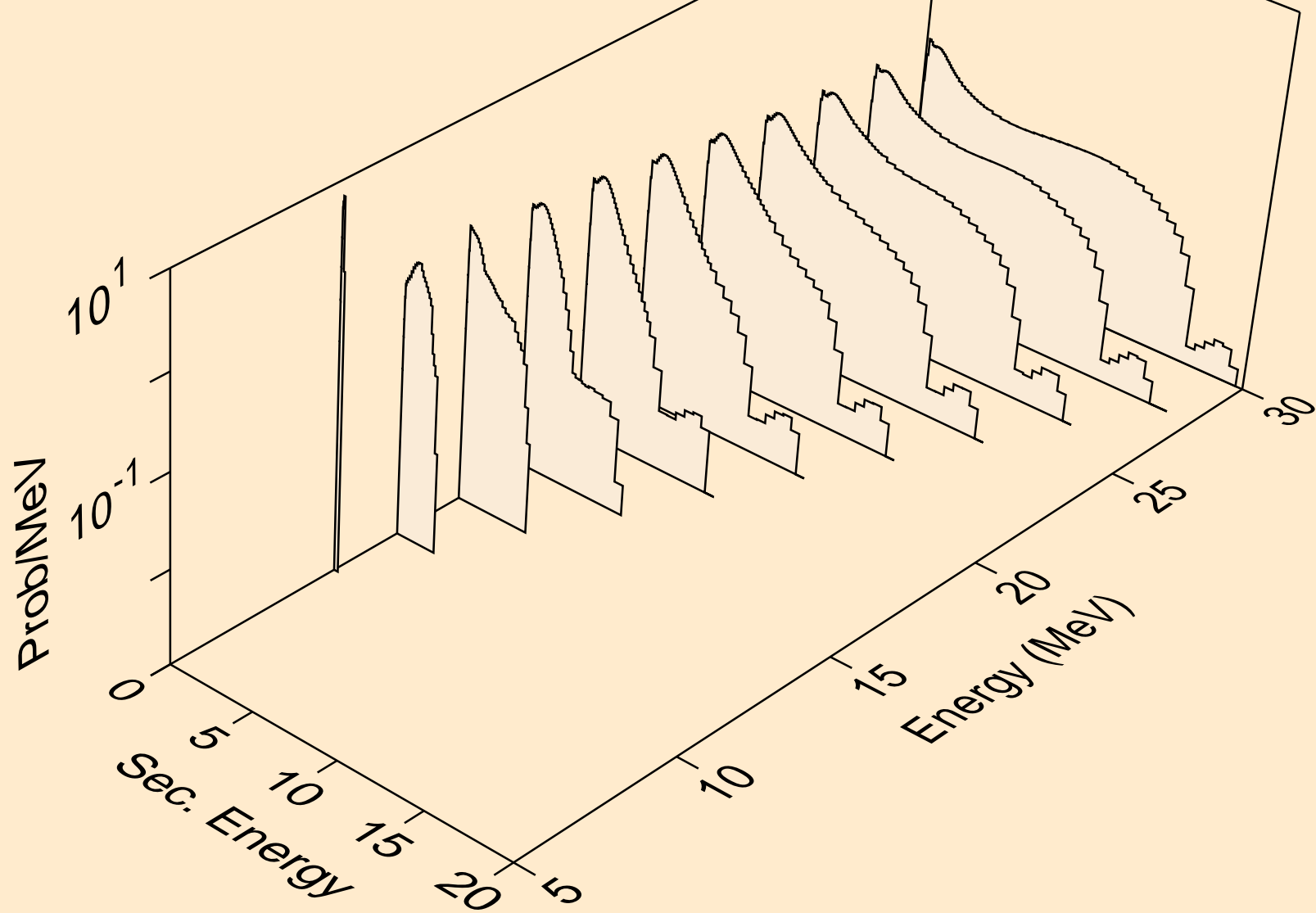




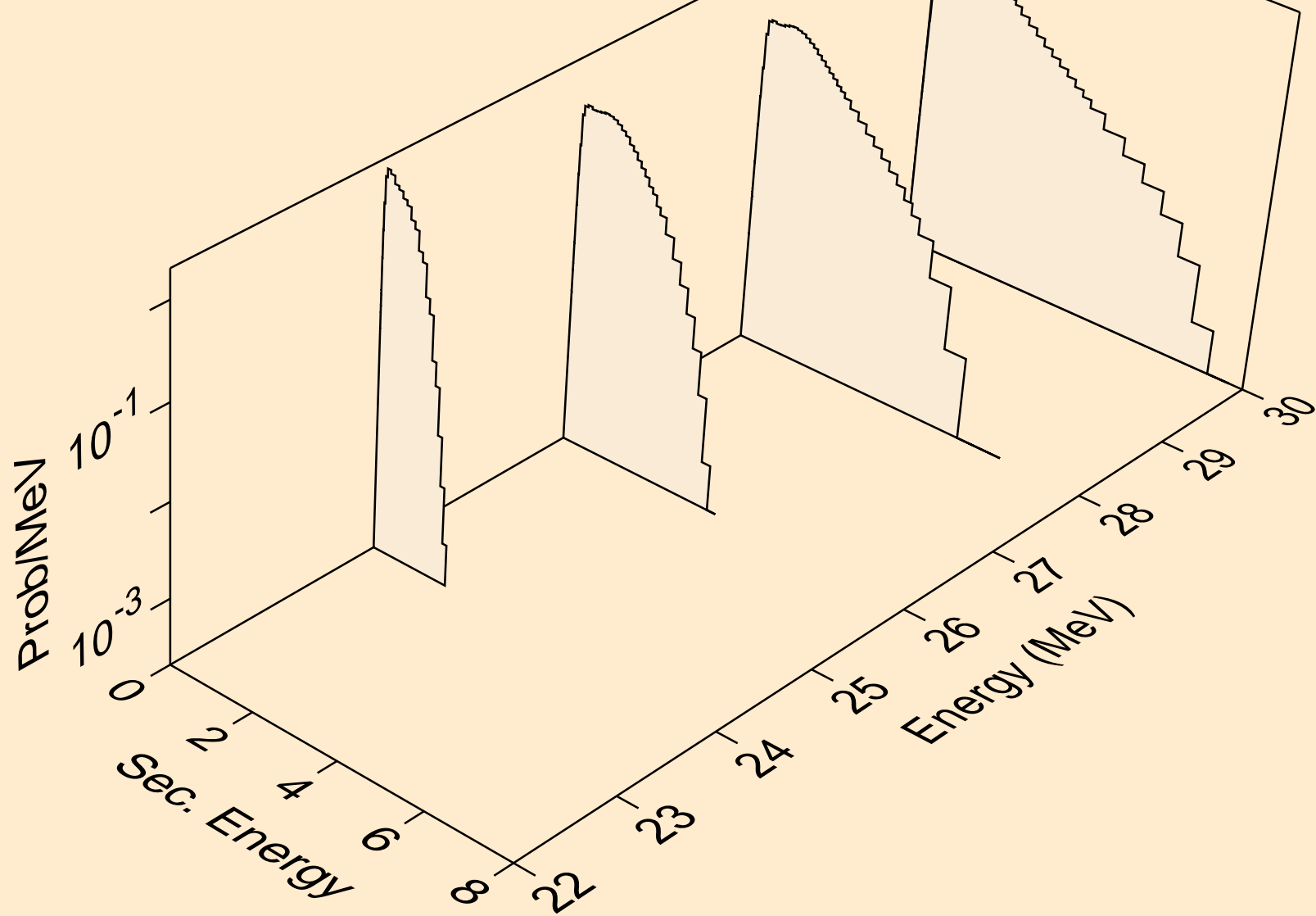
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



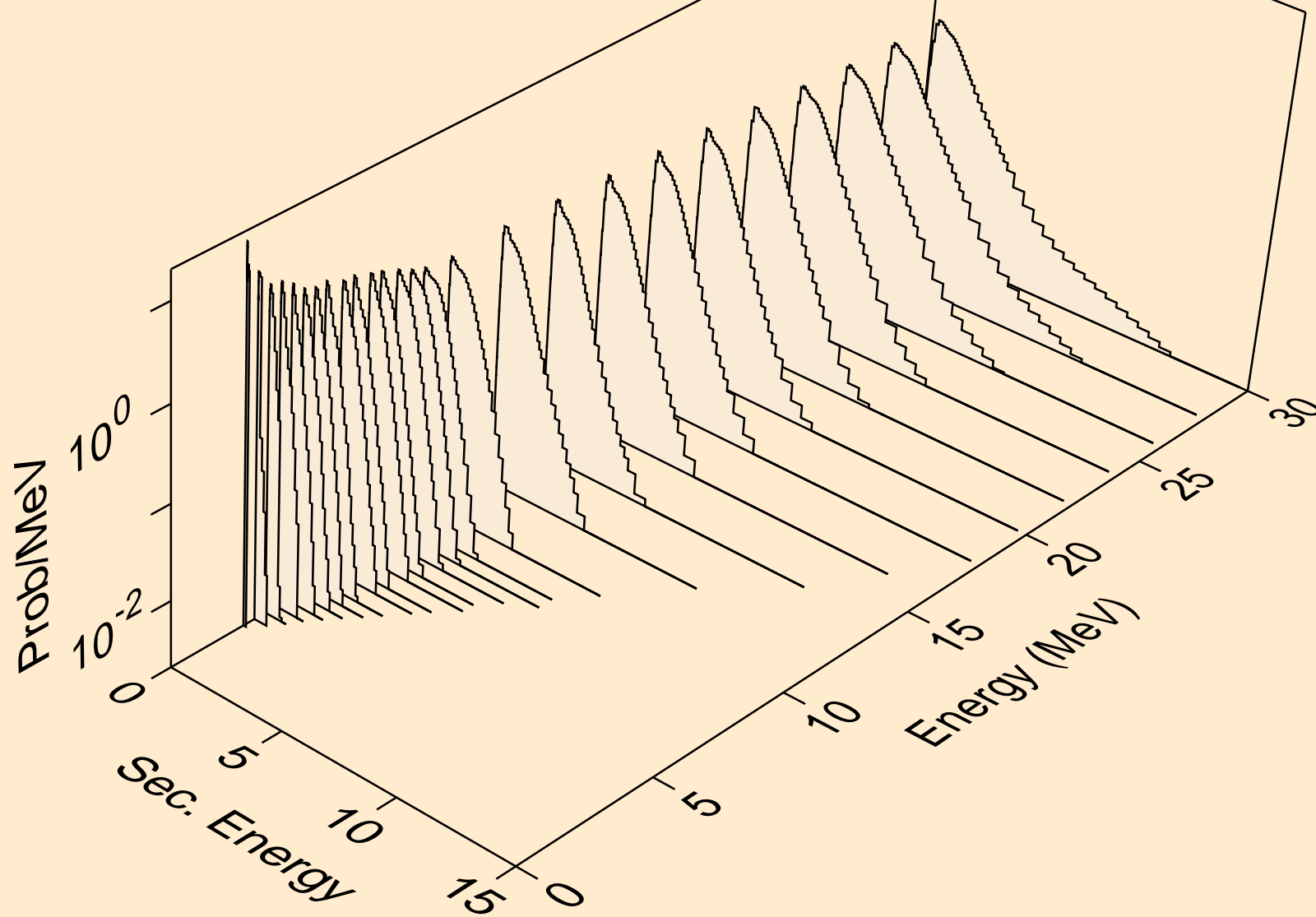
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



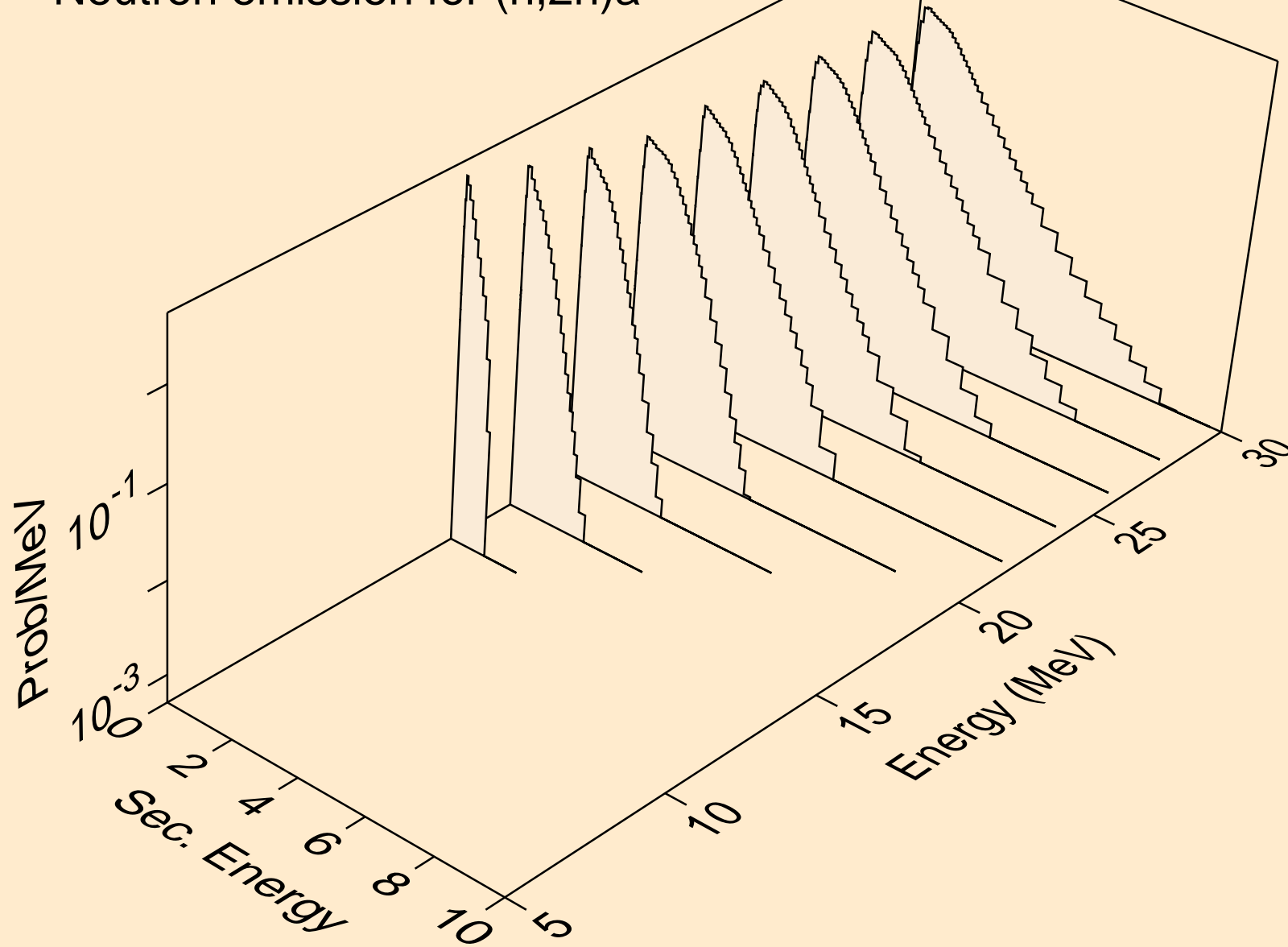
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



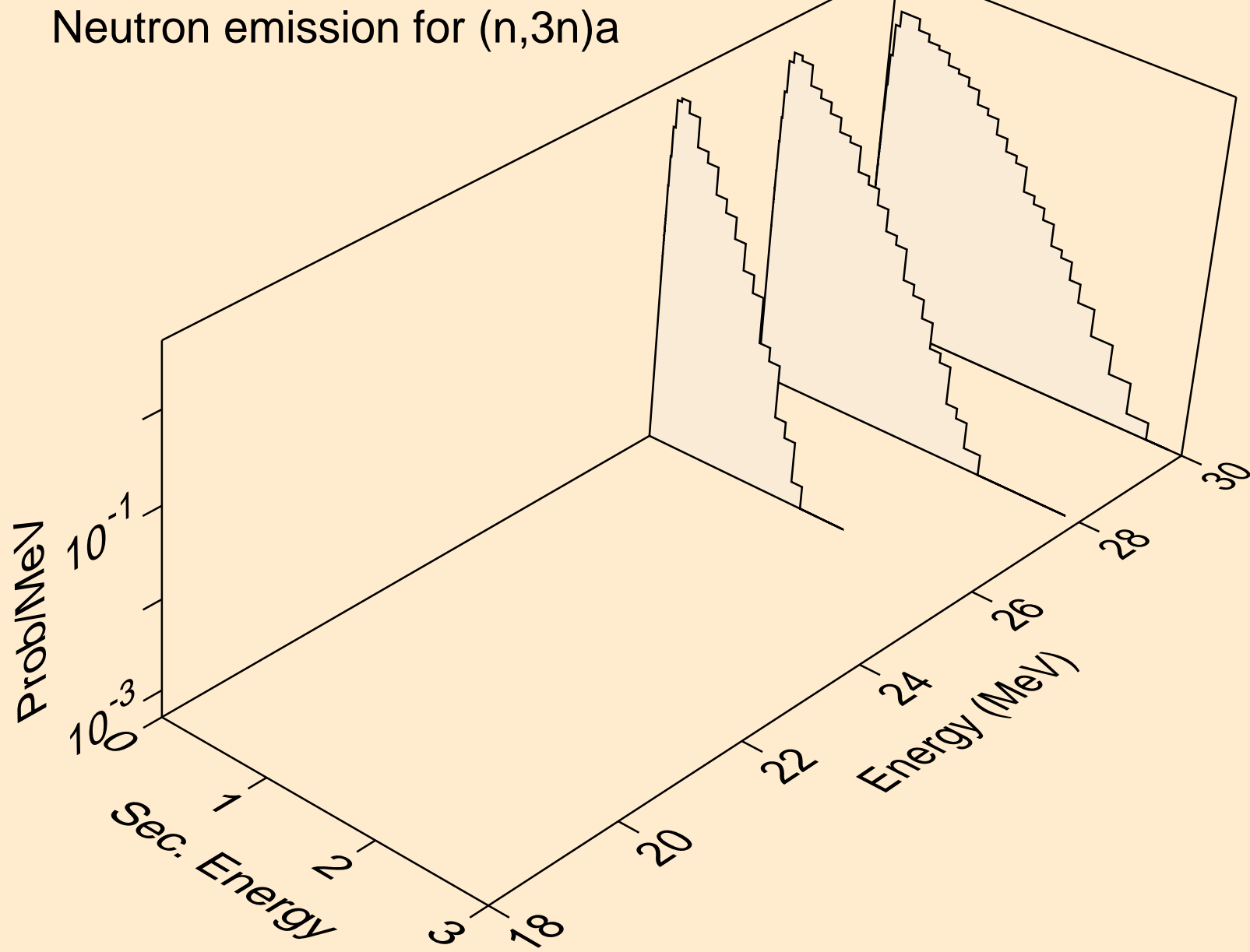
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



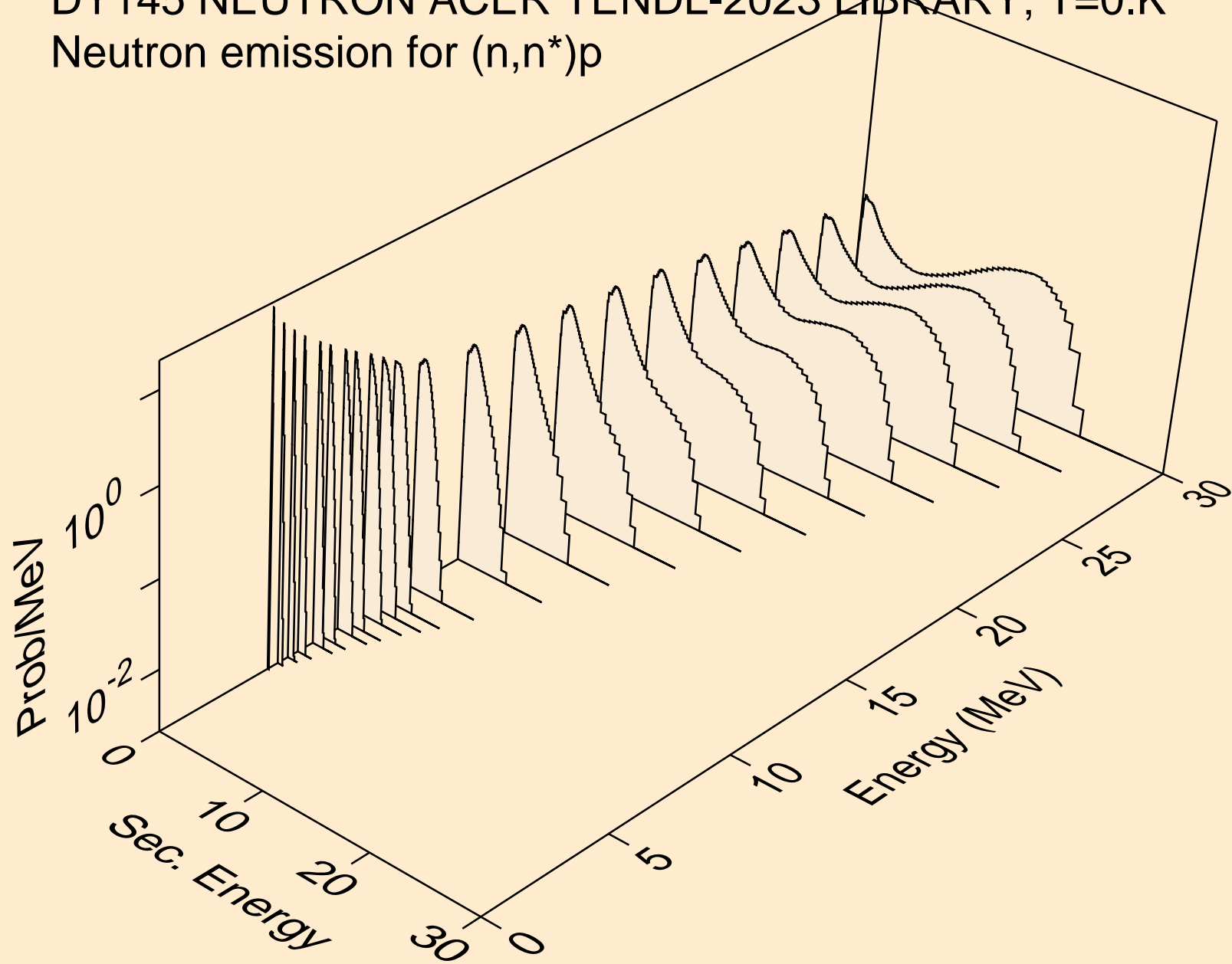
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Neutron emission for (n,2n)a



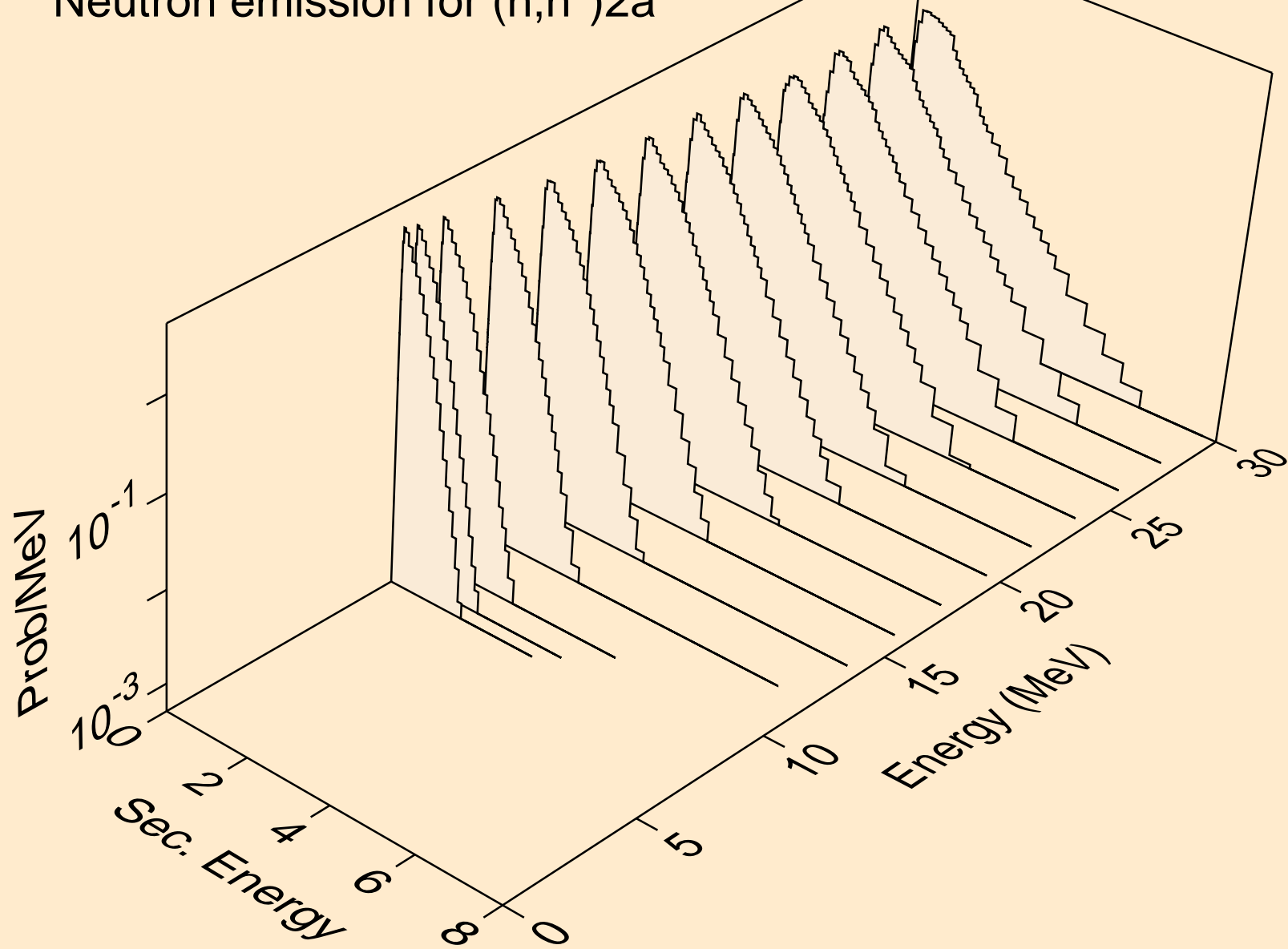
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

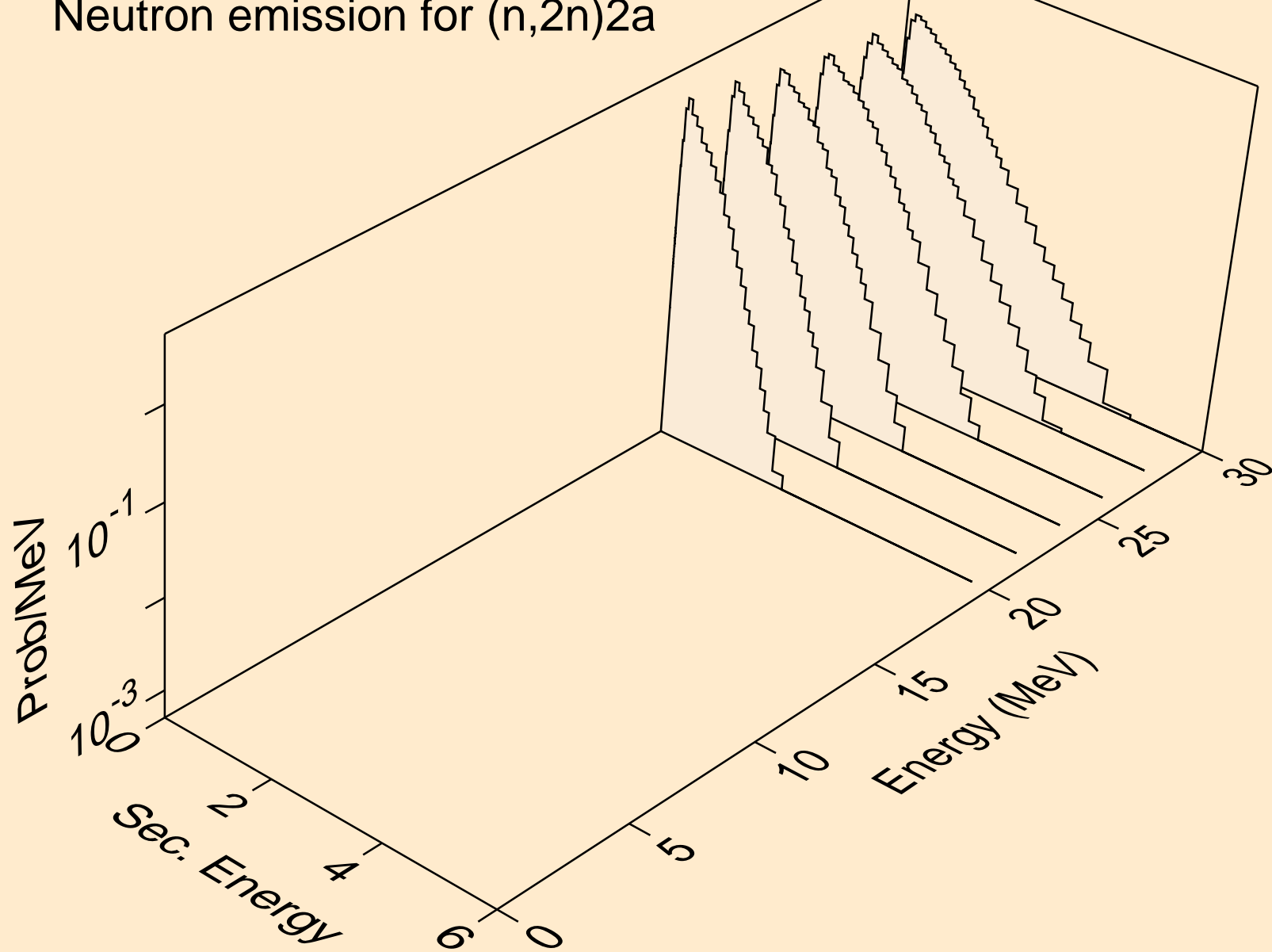


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

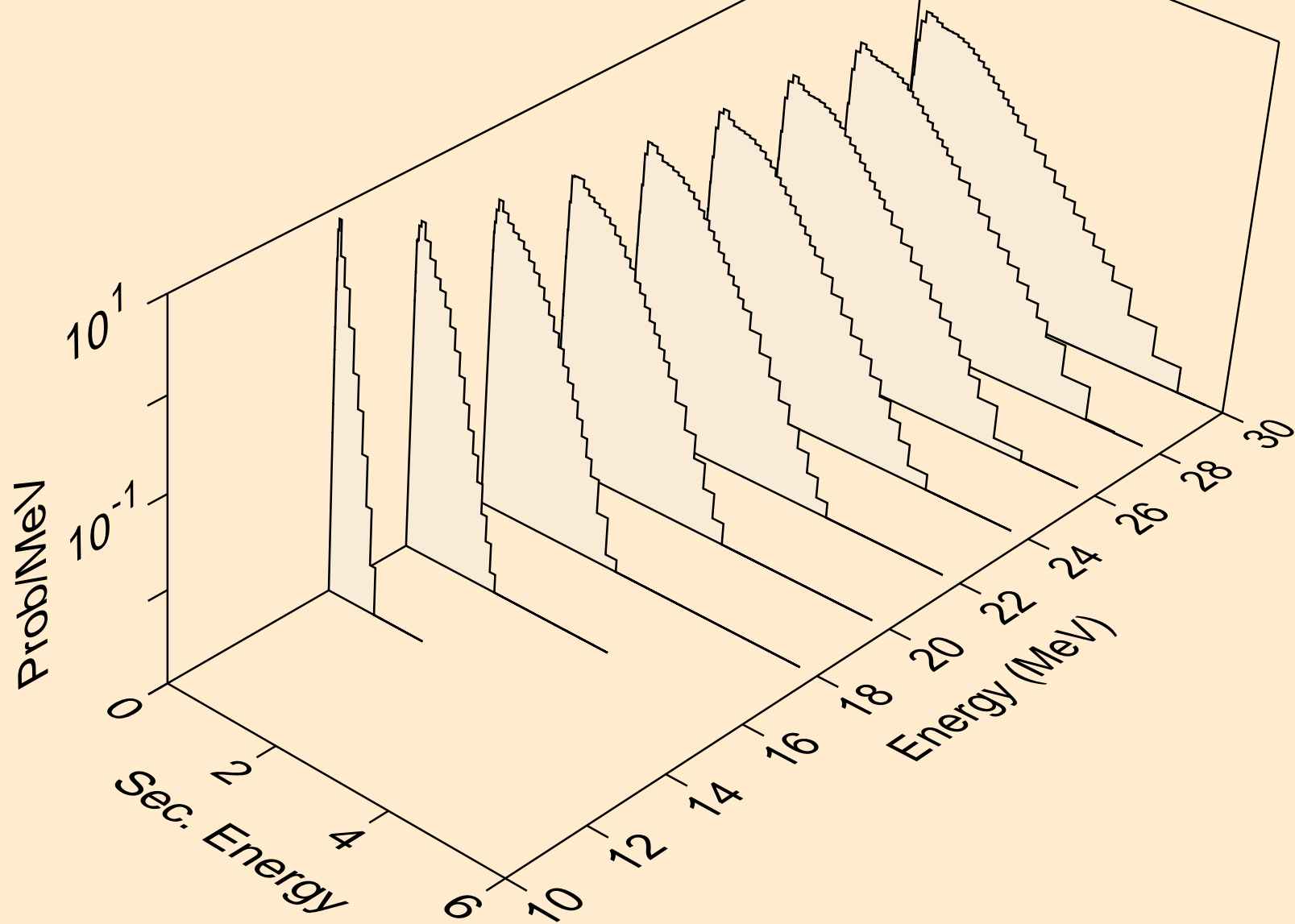




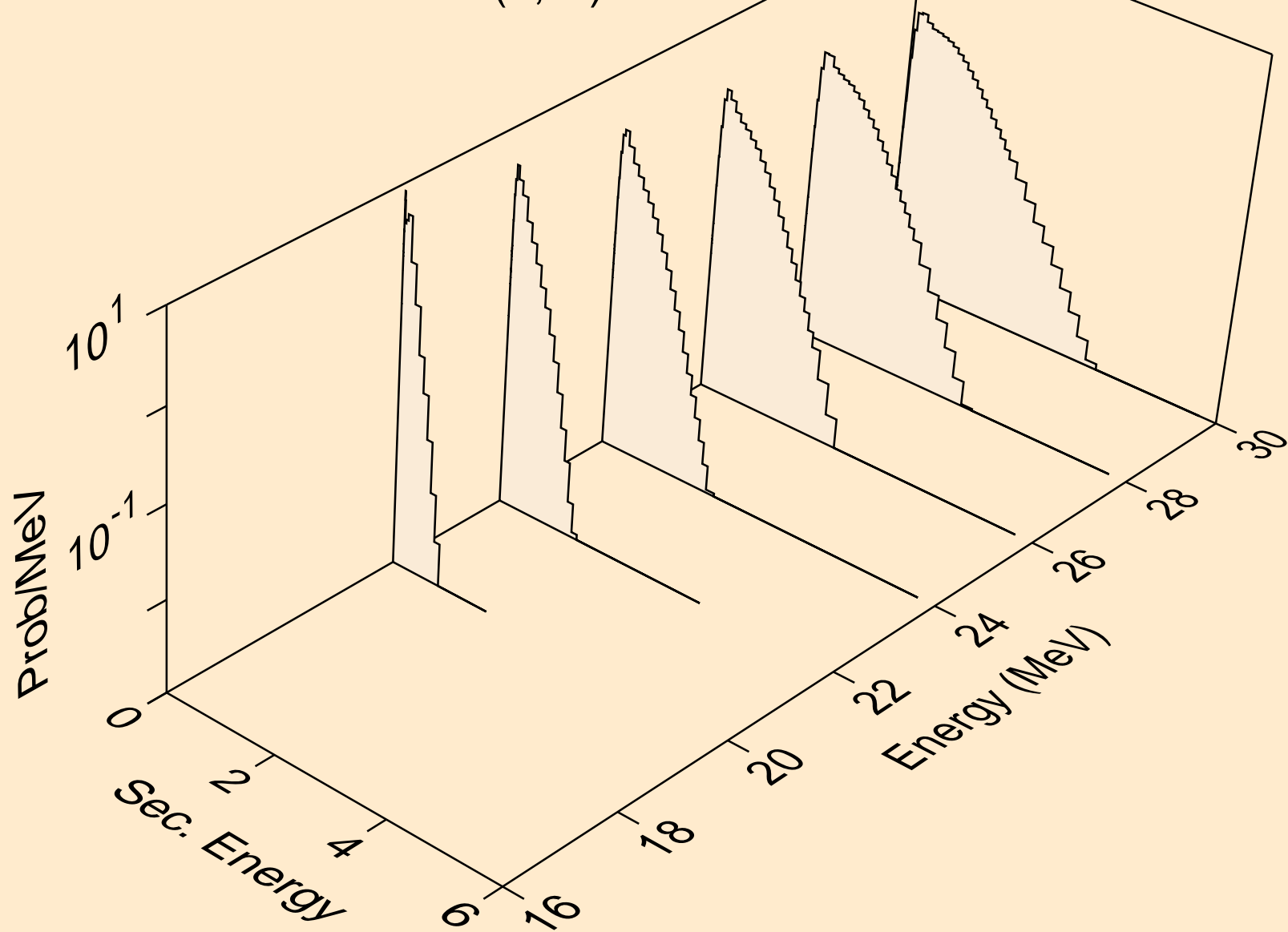
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Neutron emission for (n,2n)2a



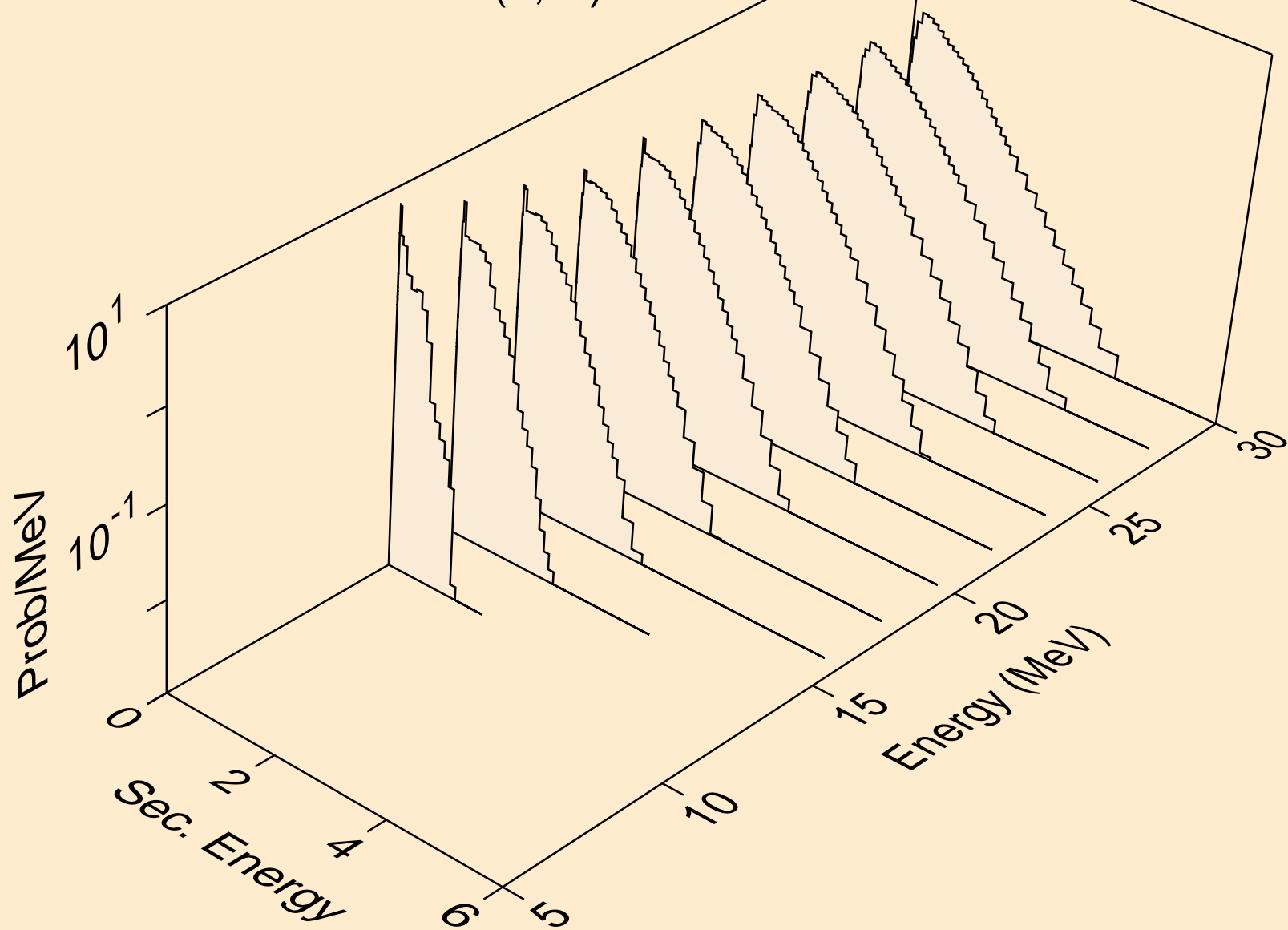
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Neutron emission for (n,n\*)d



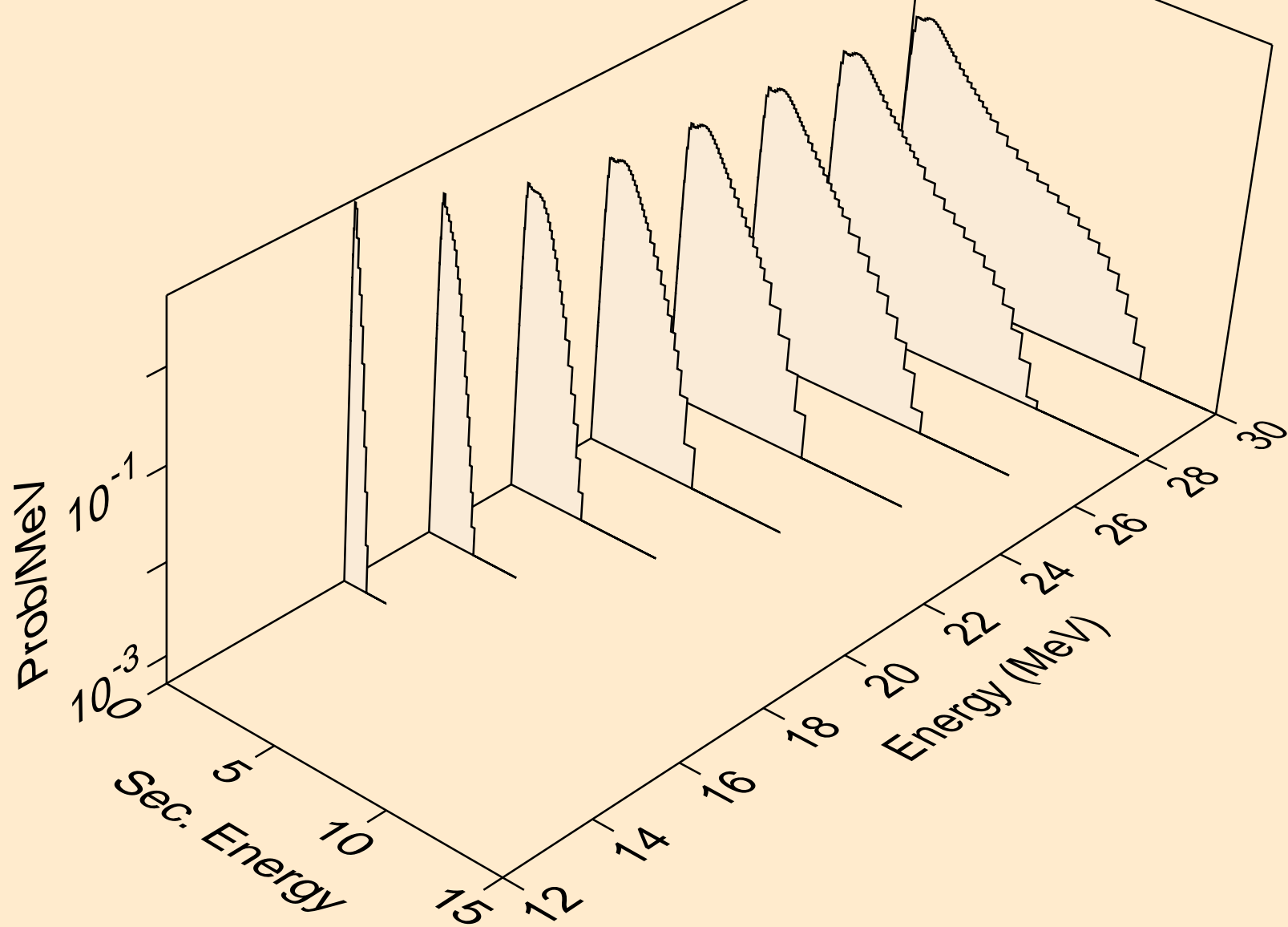
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Neutron emission for (n,n\*)t



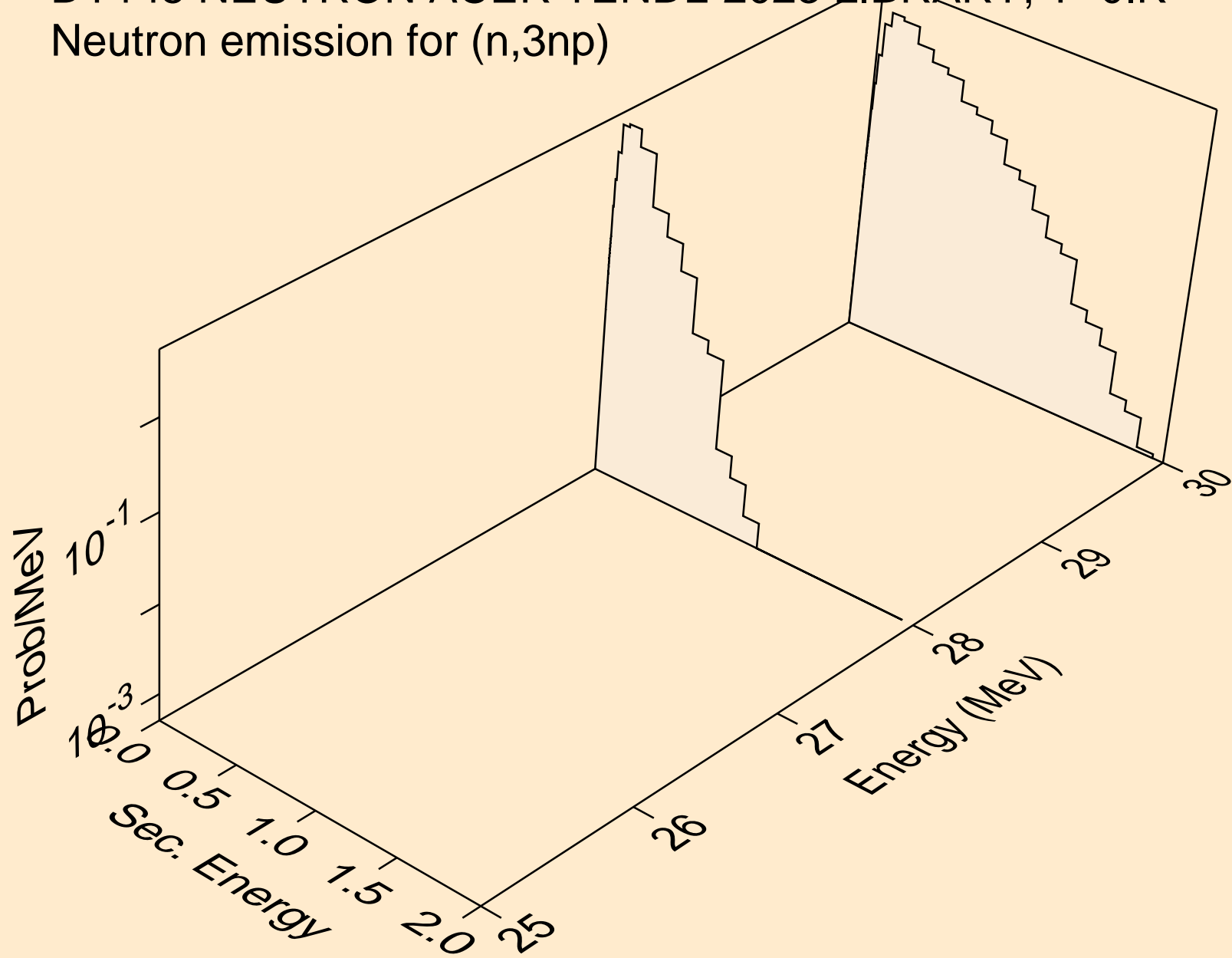
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



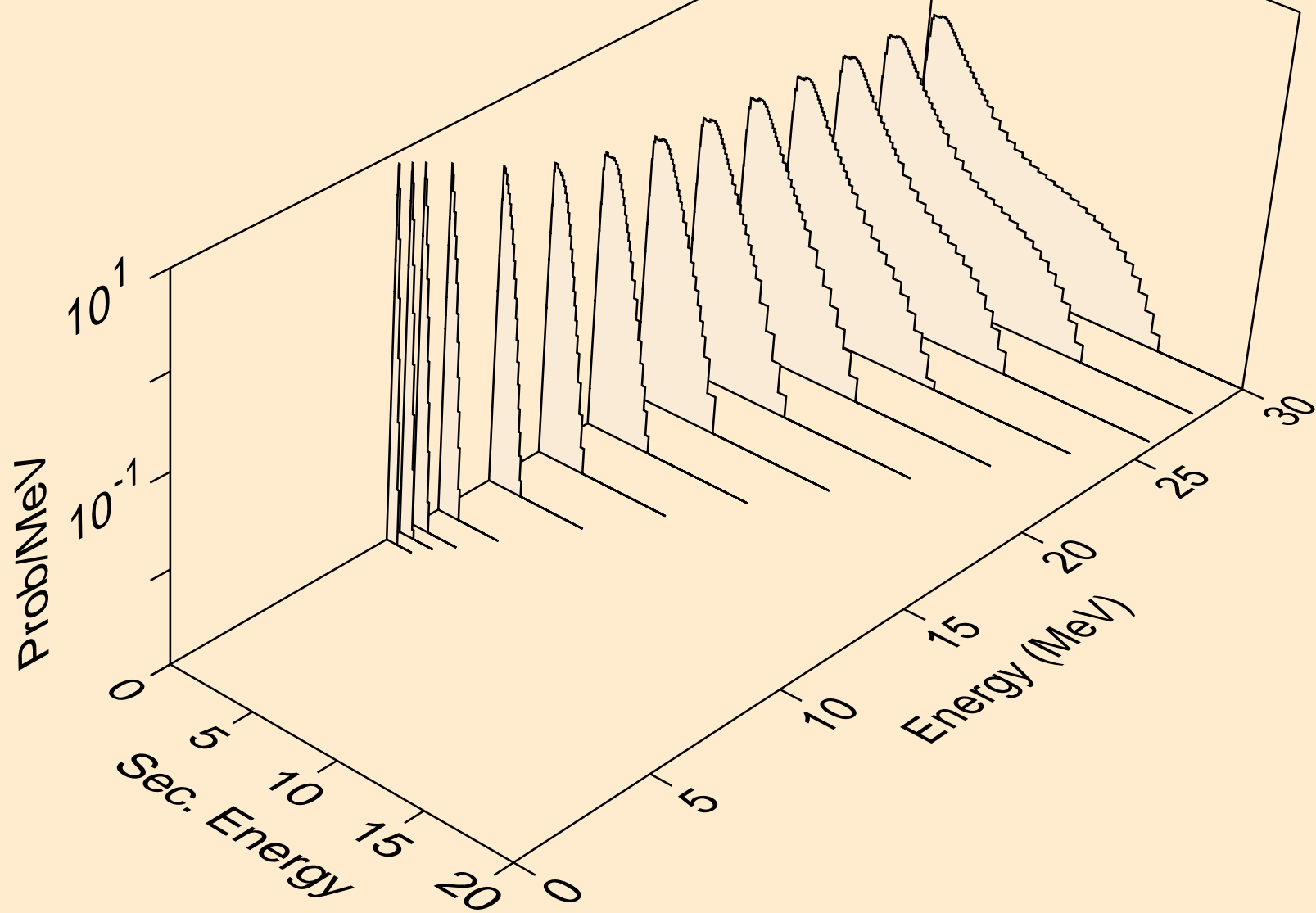
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



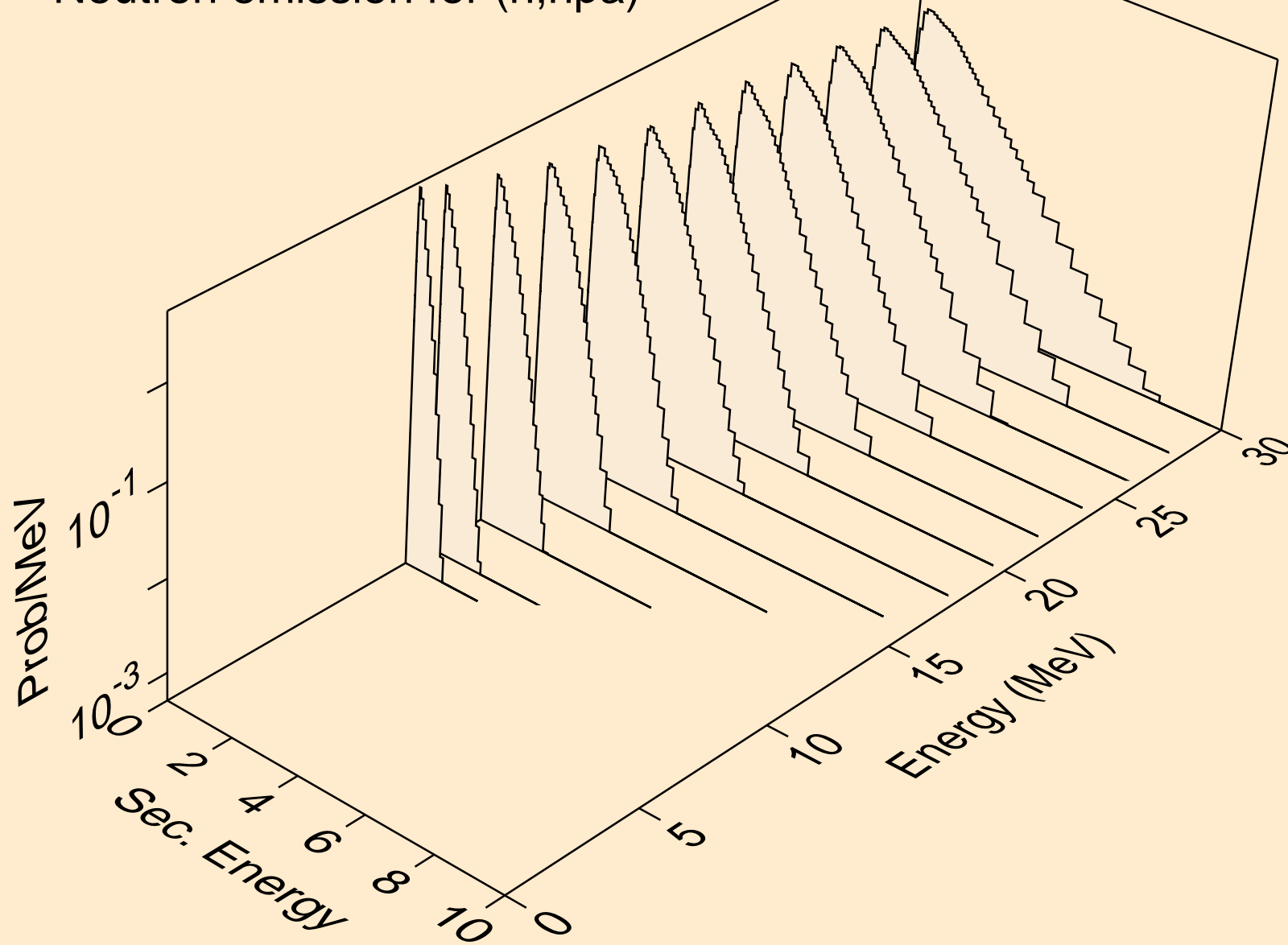
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

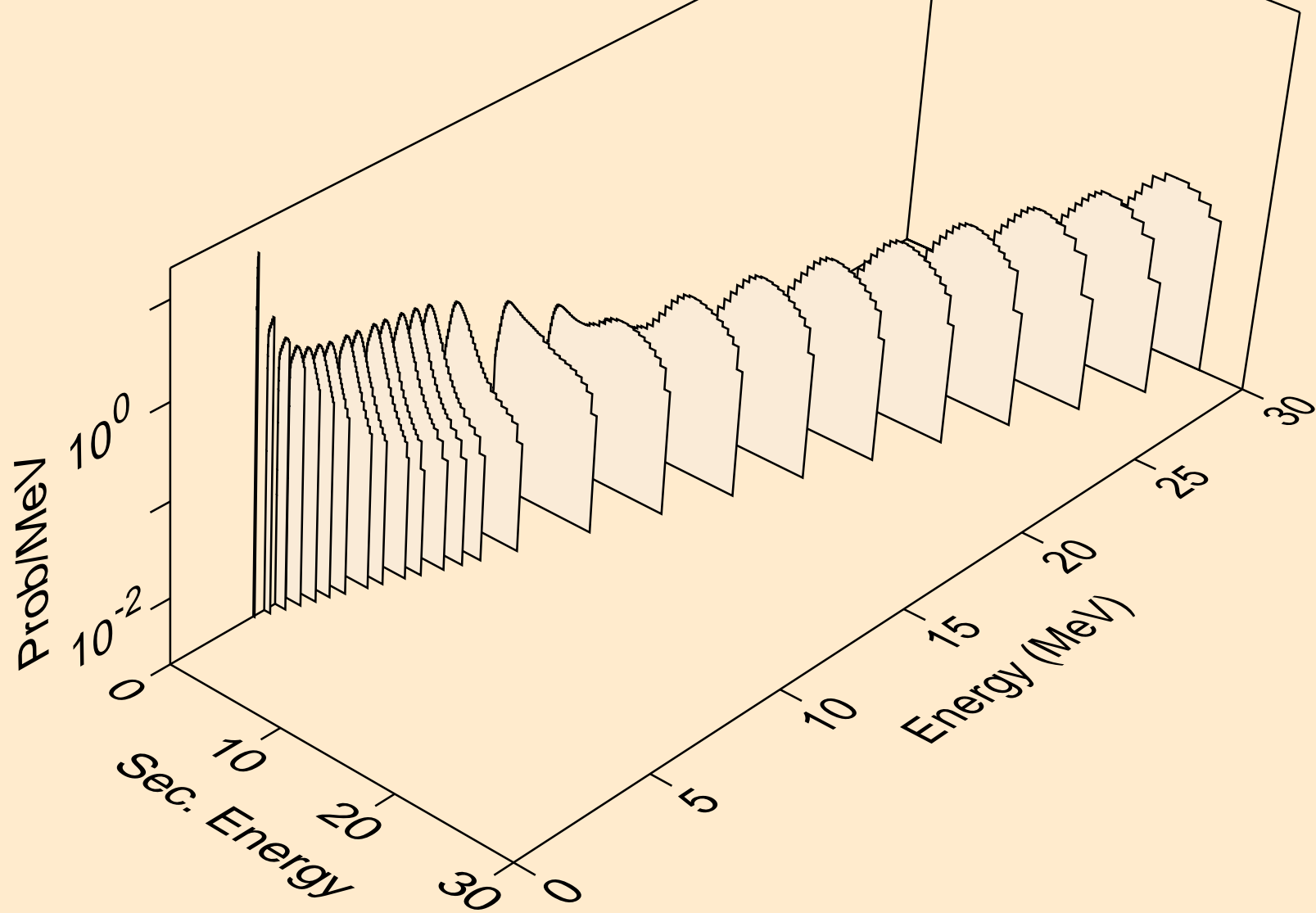


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

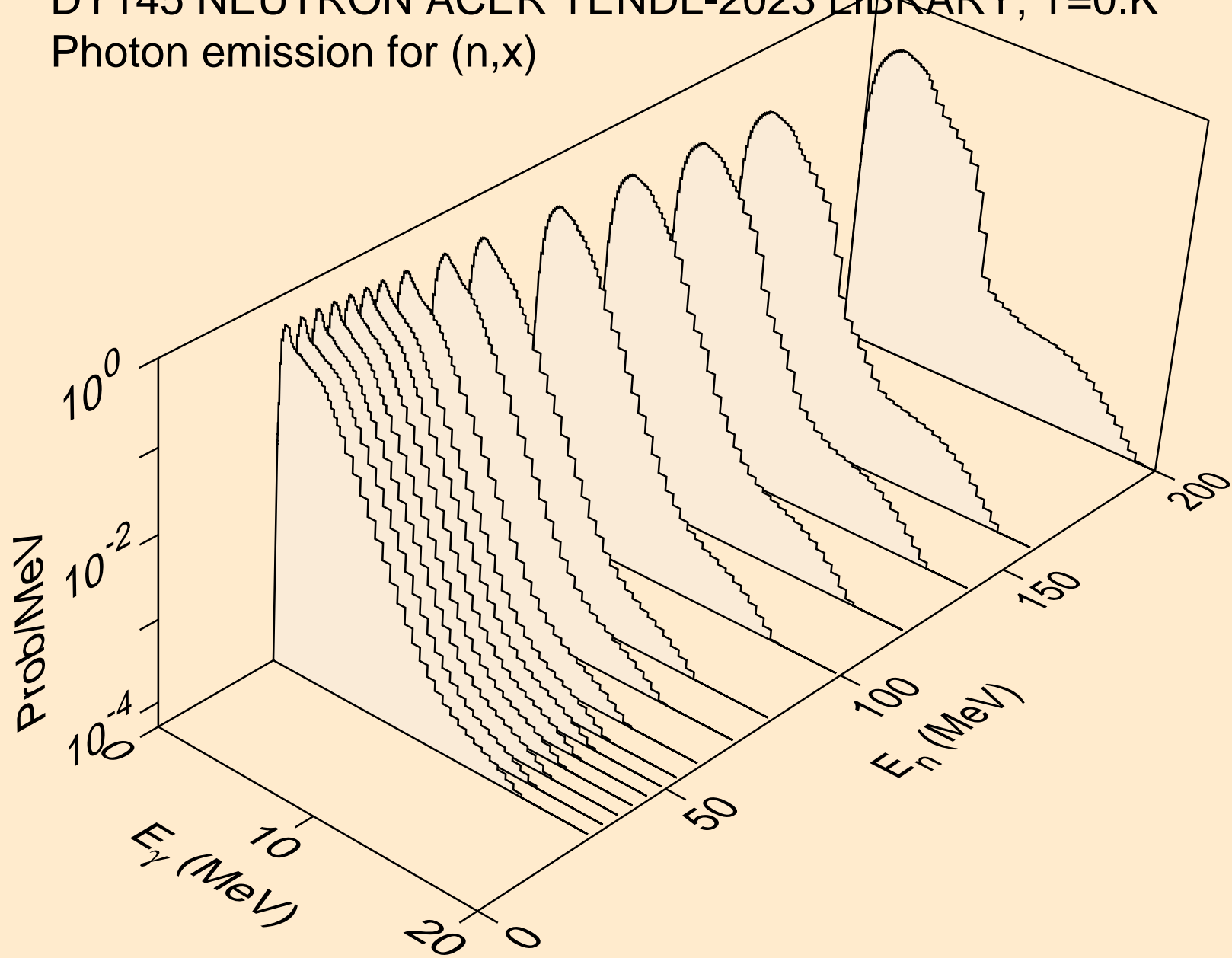




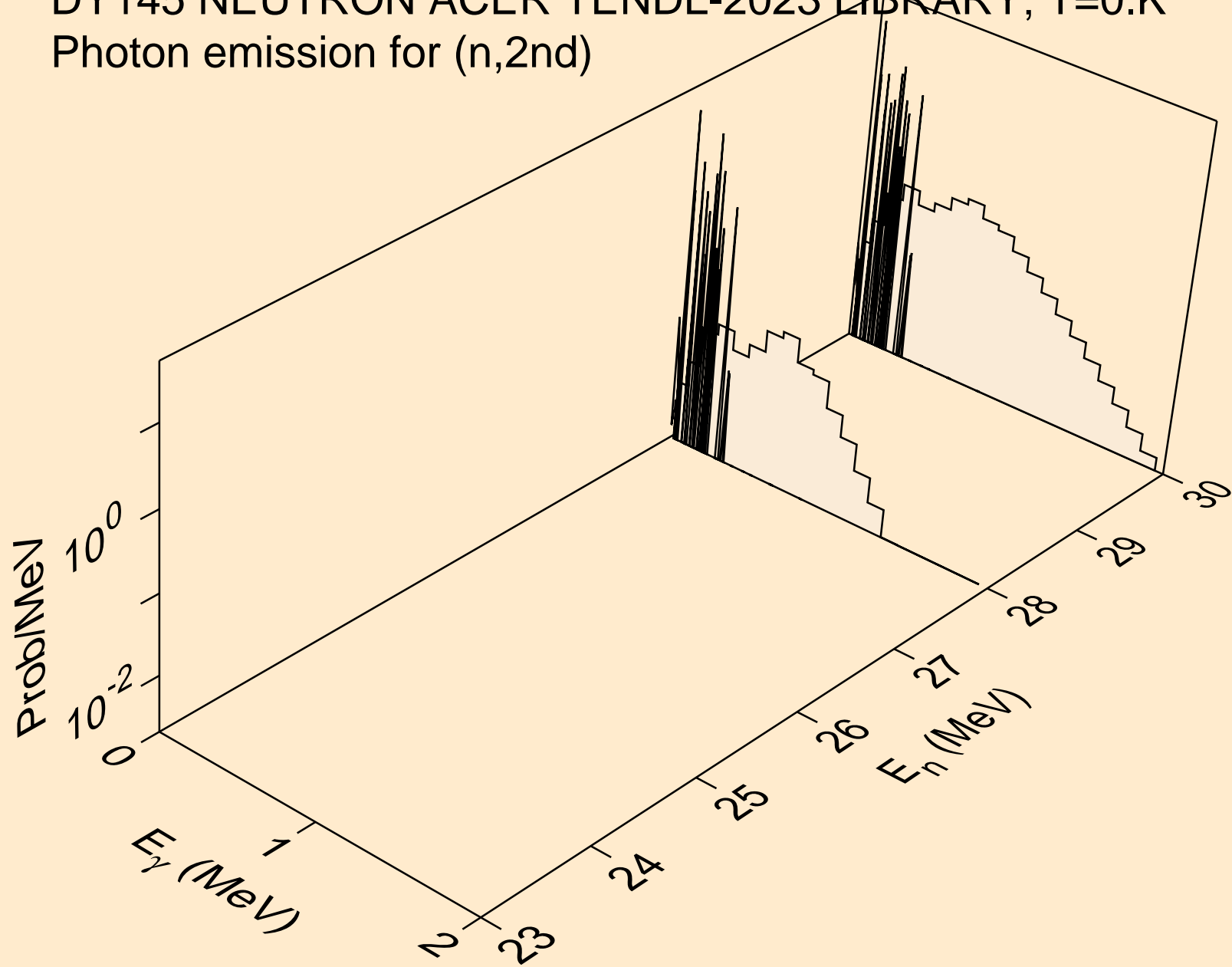
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



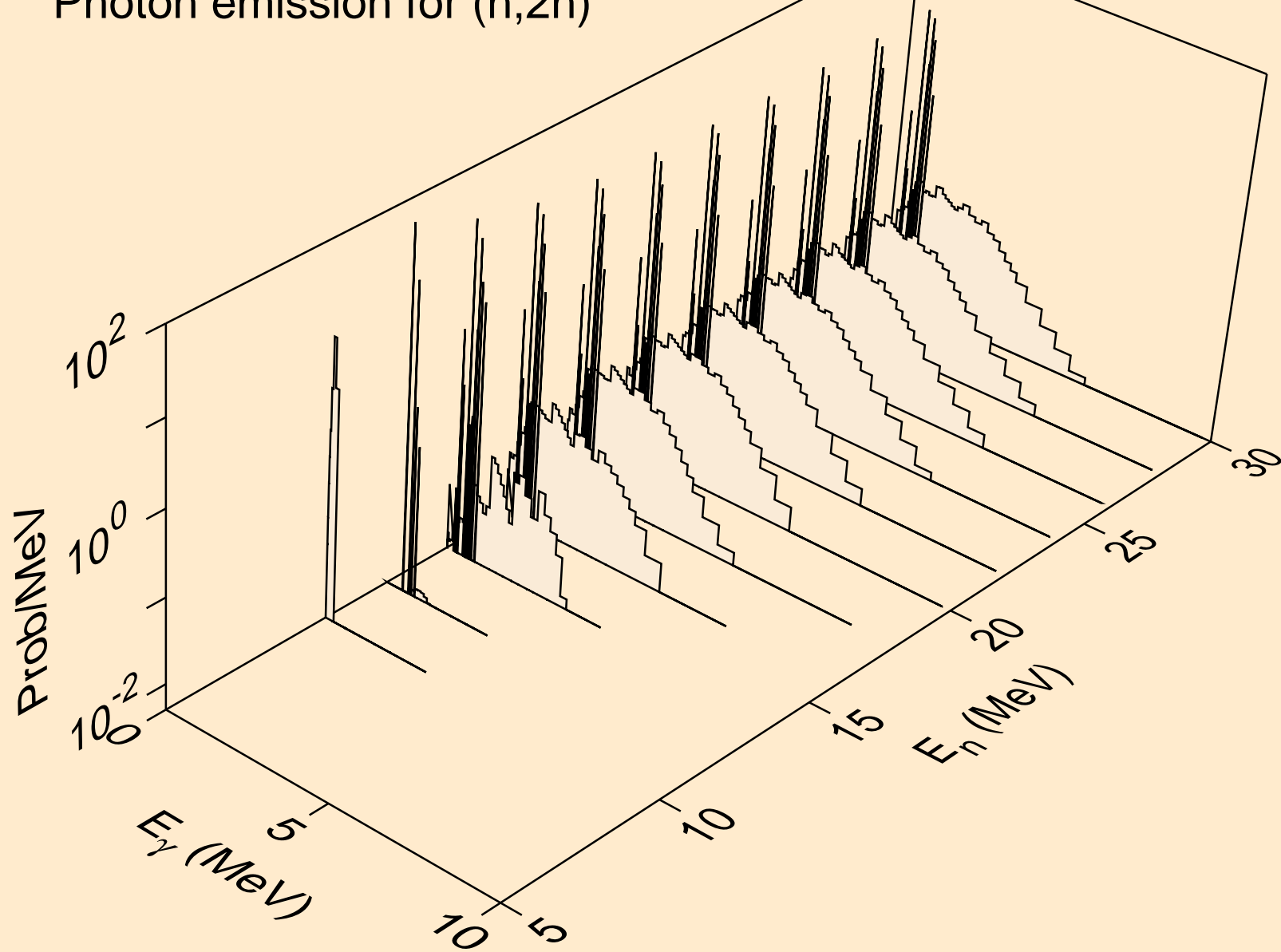
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



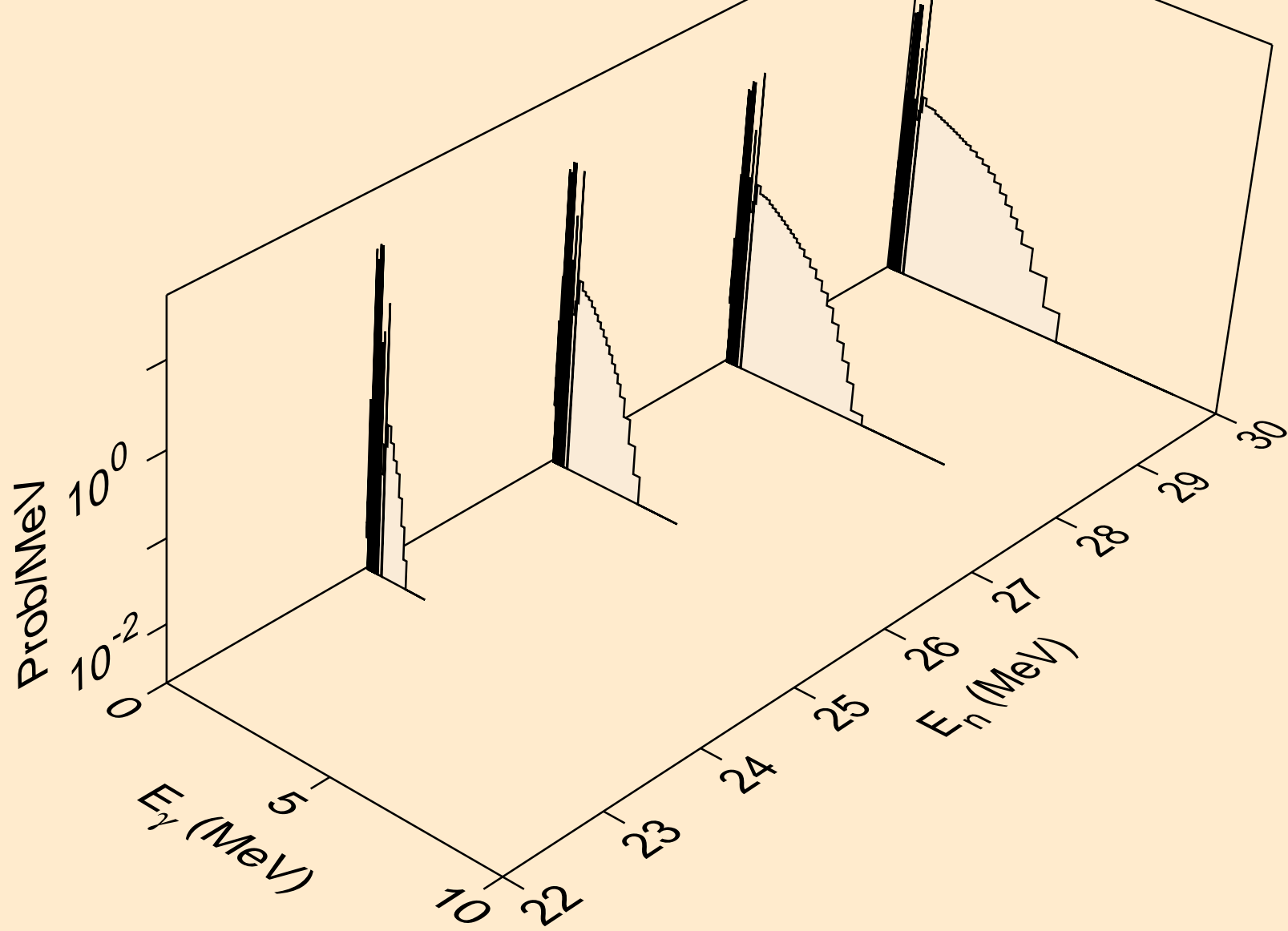
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



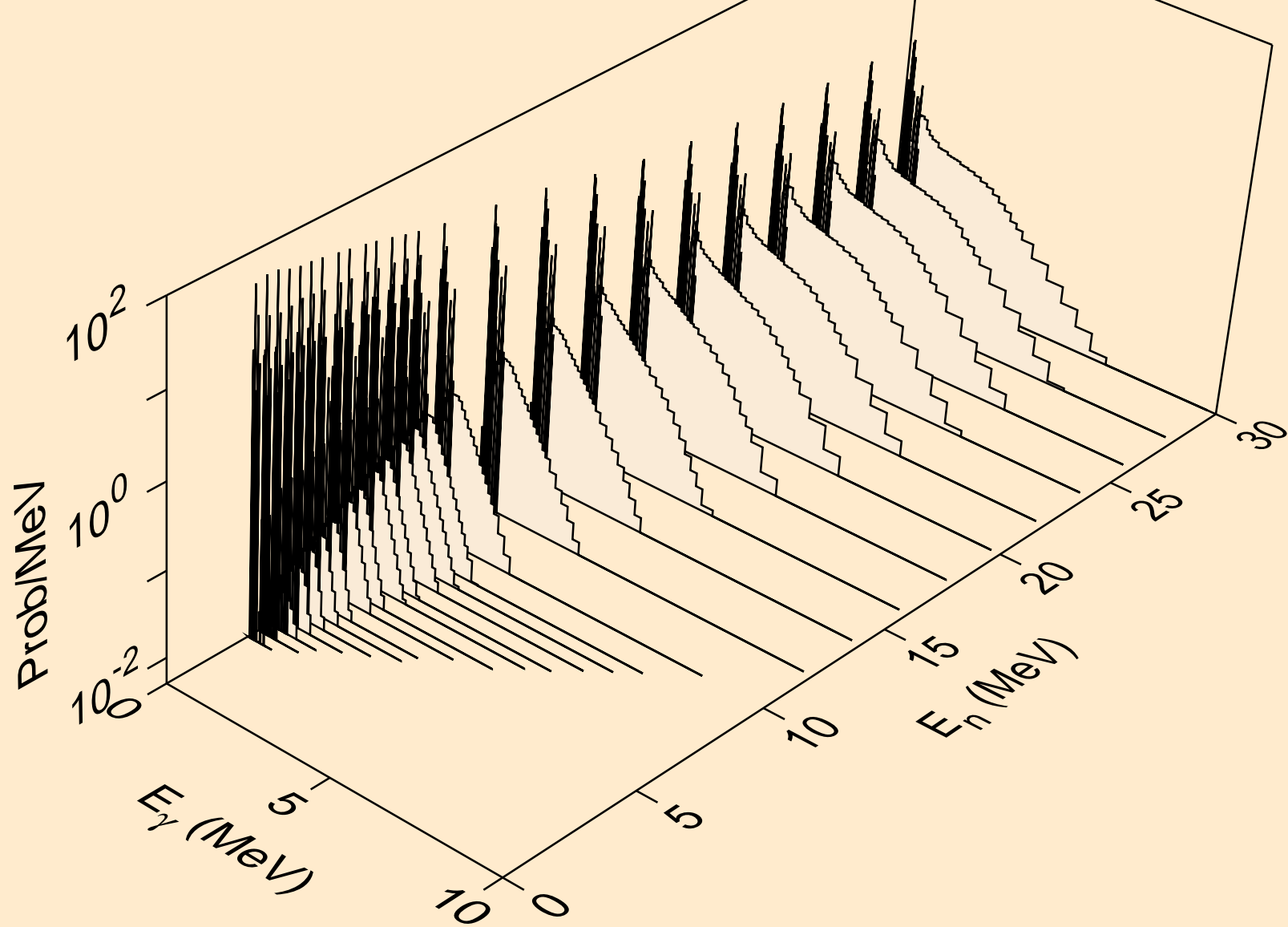
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



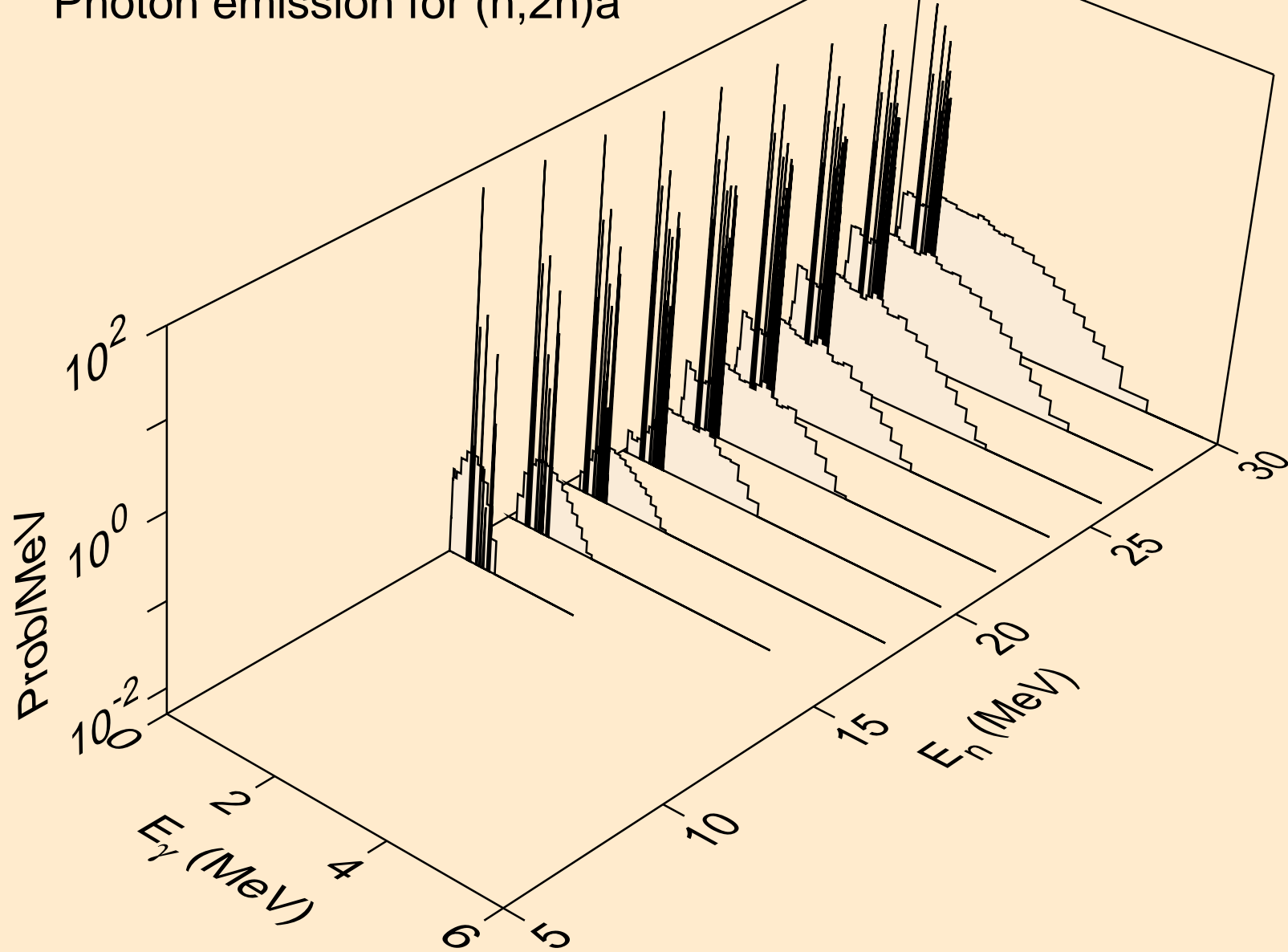
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



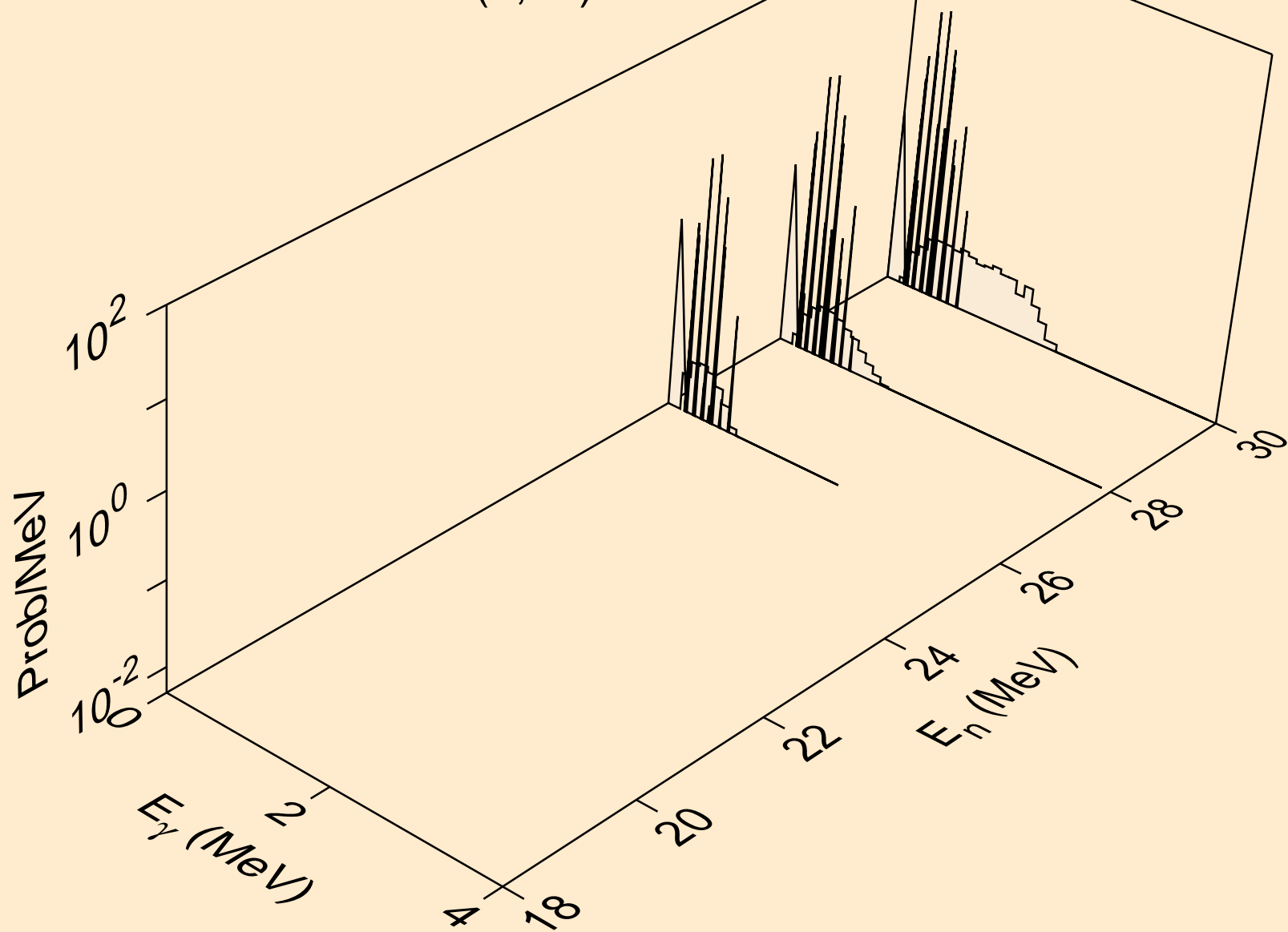
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

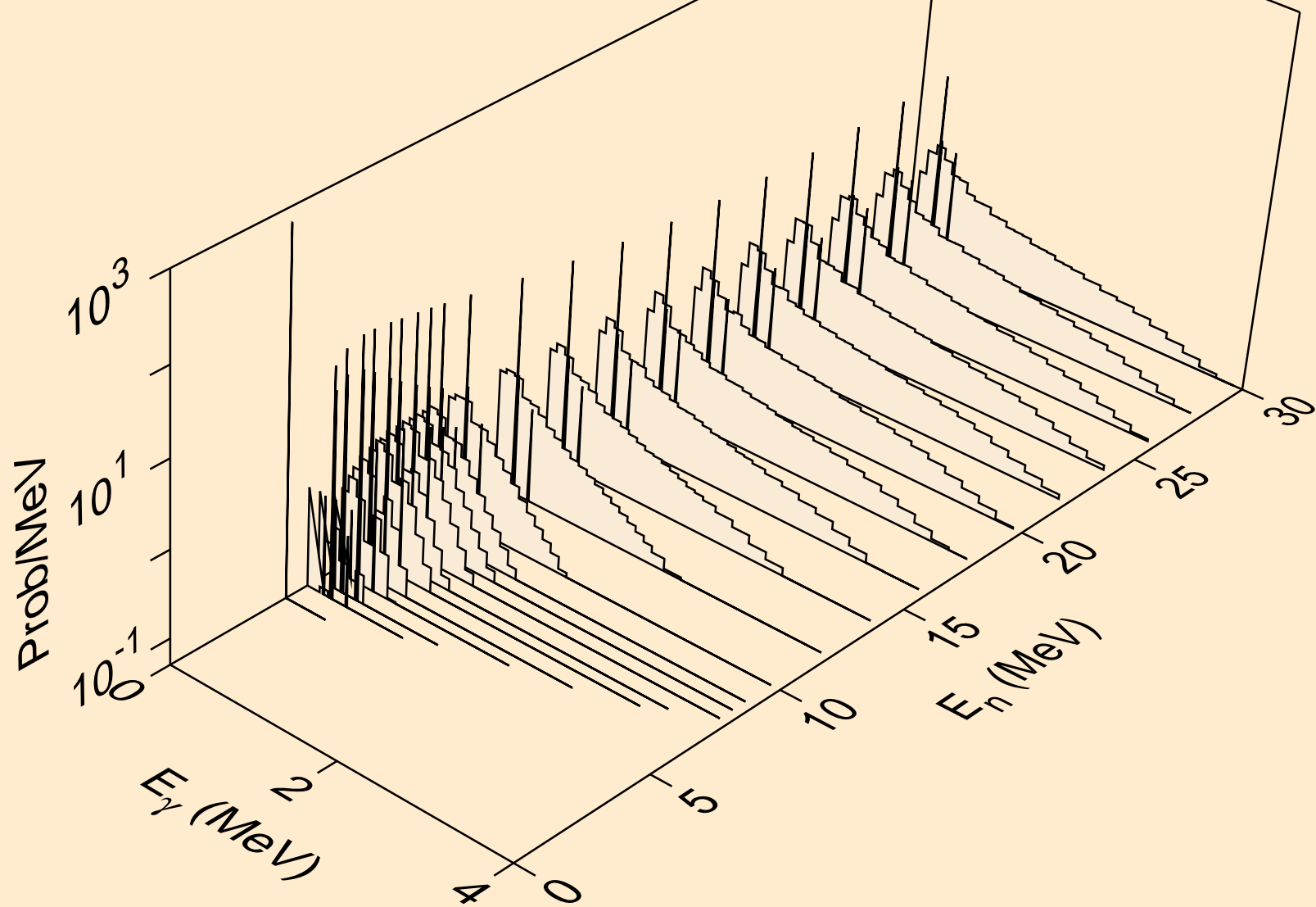


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

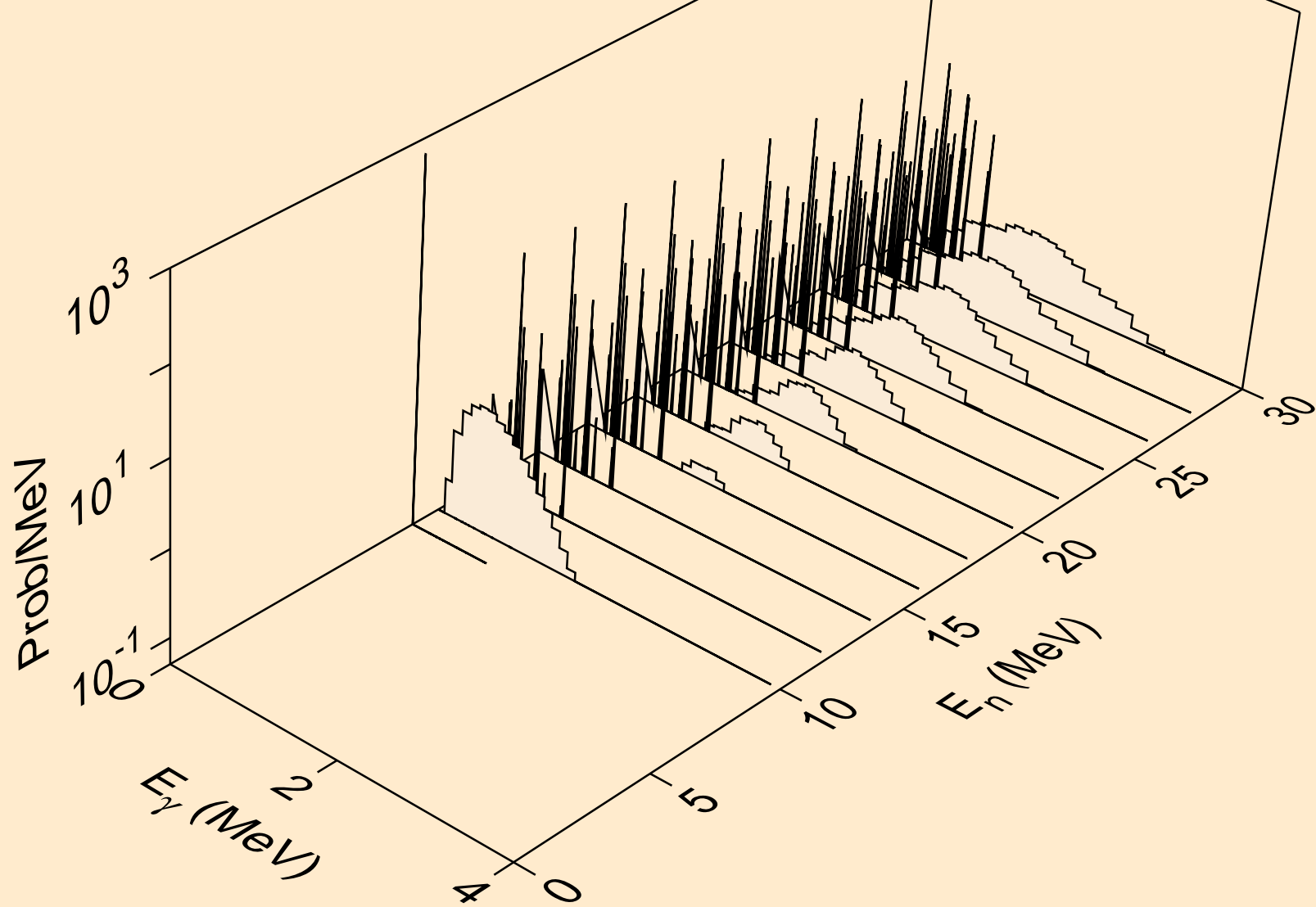




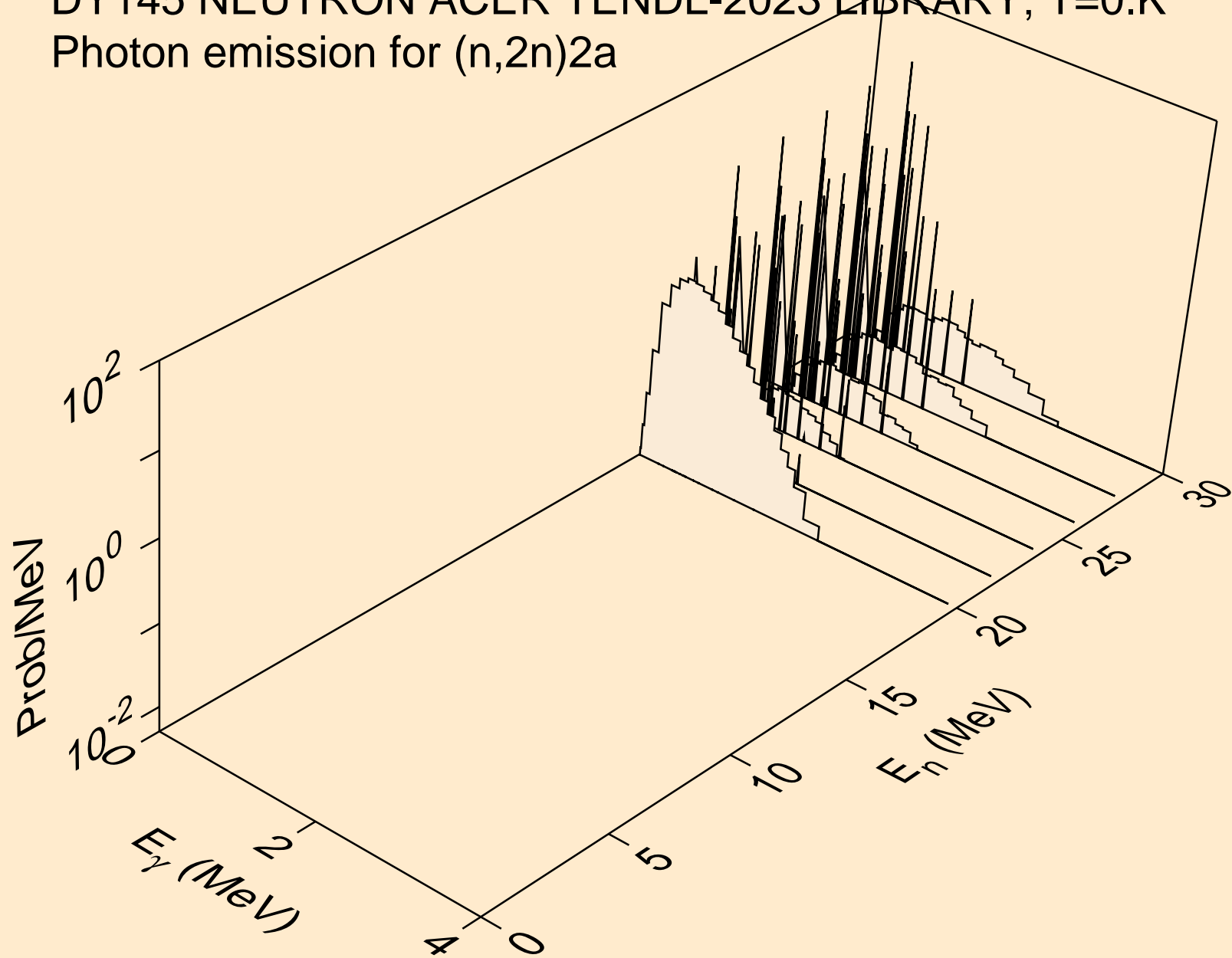
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Photon emission for (n,n\*)p



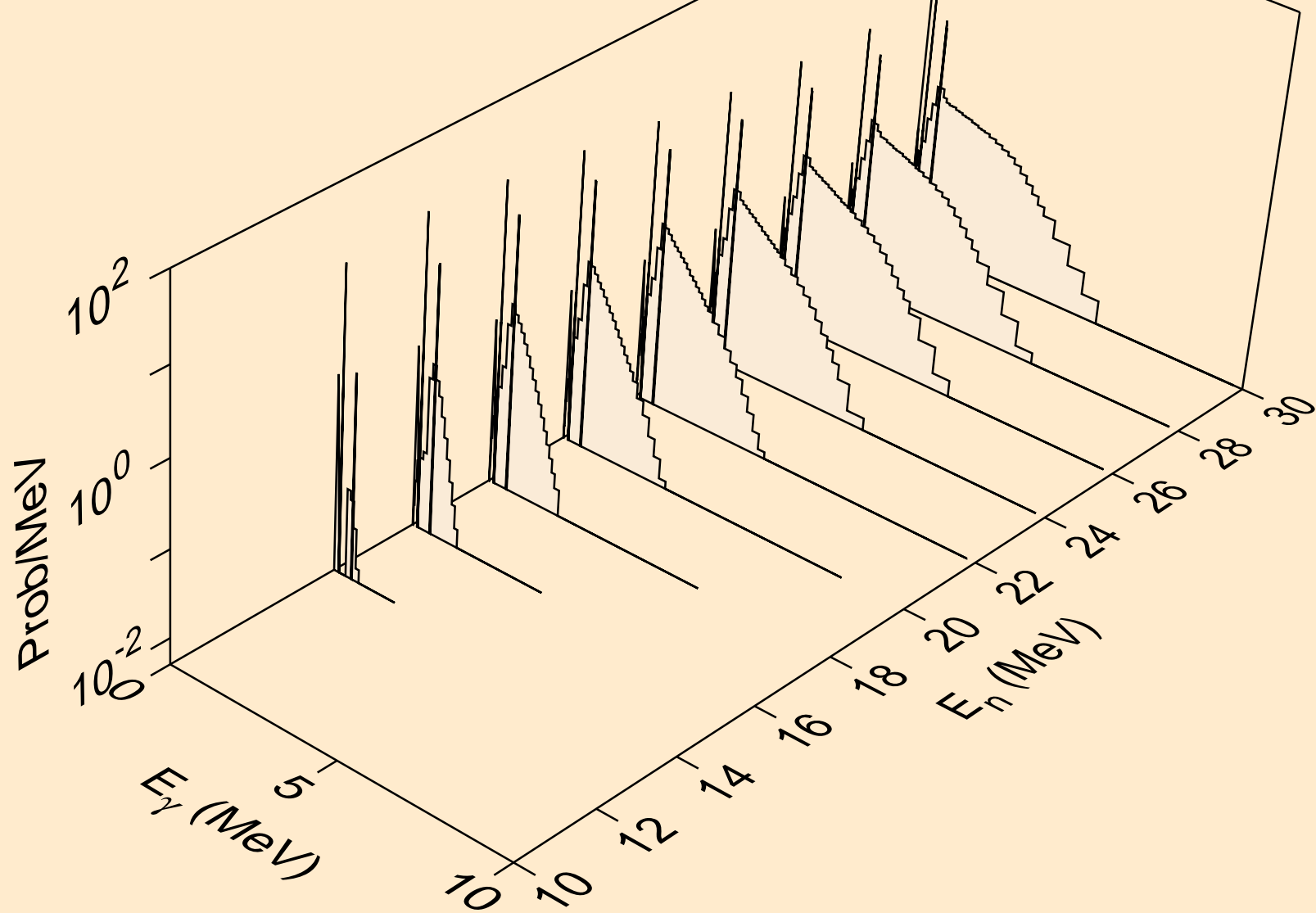
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



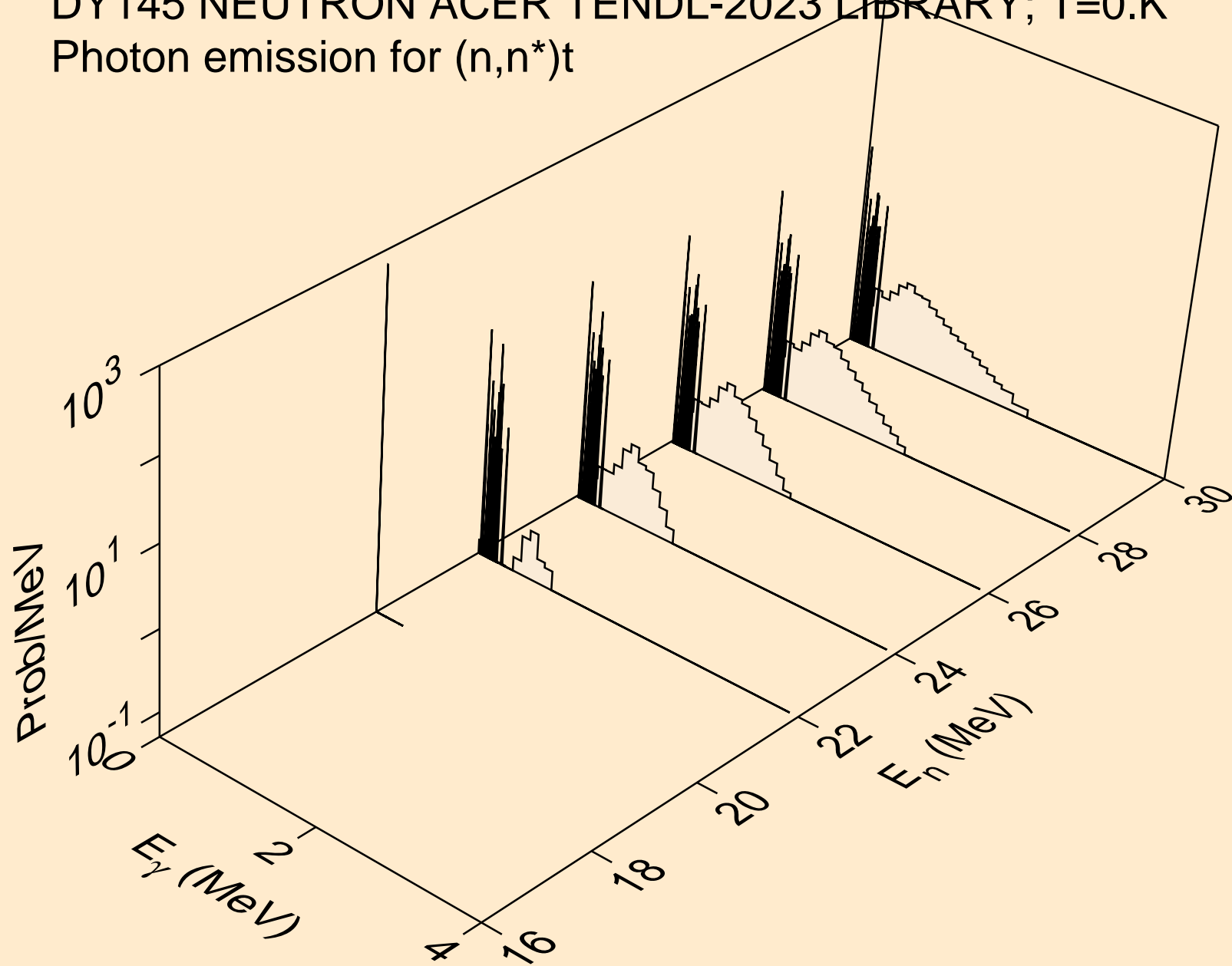
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



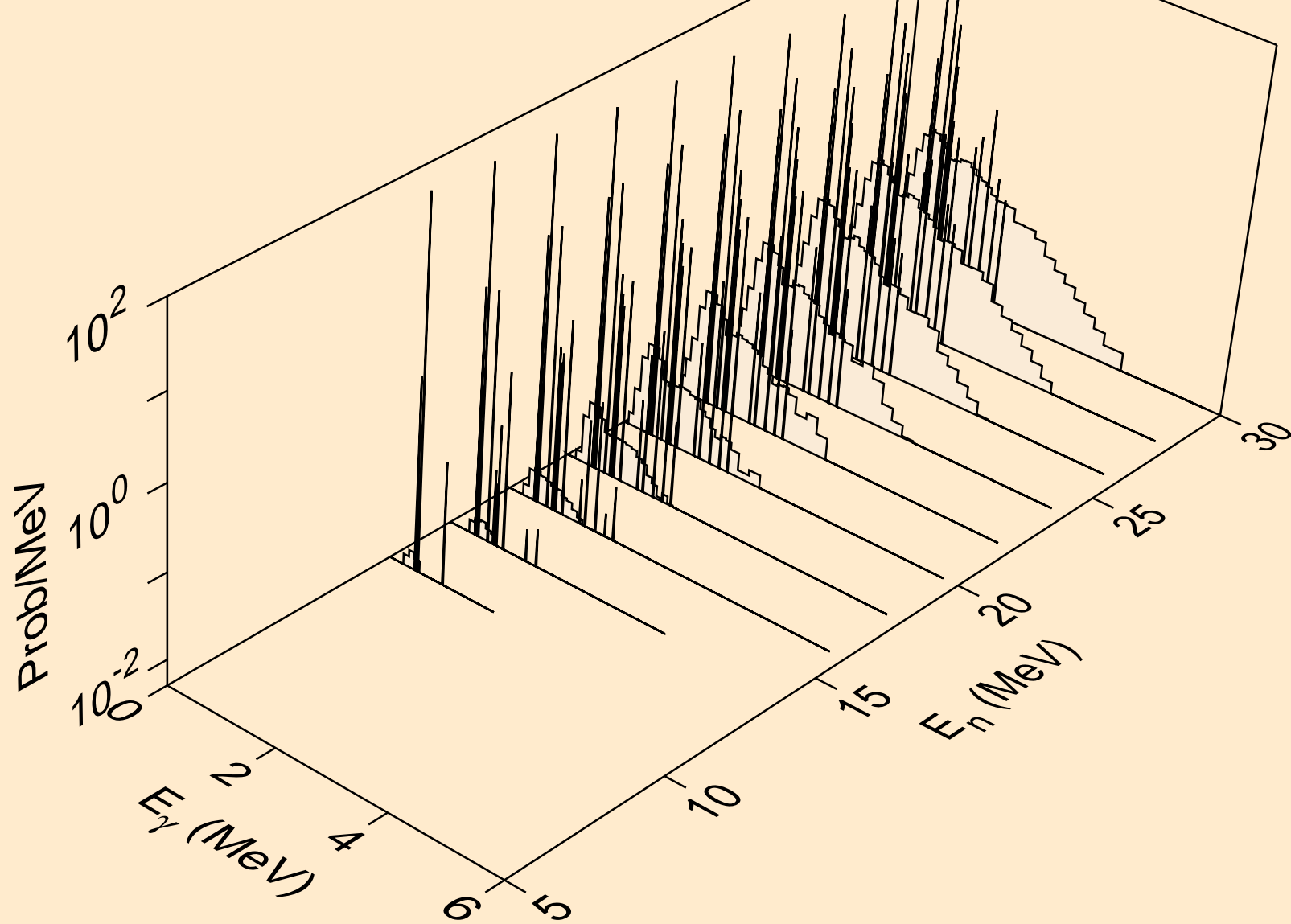
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



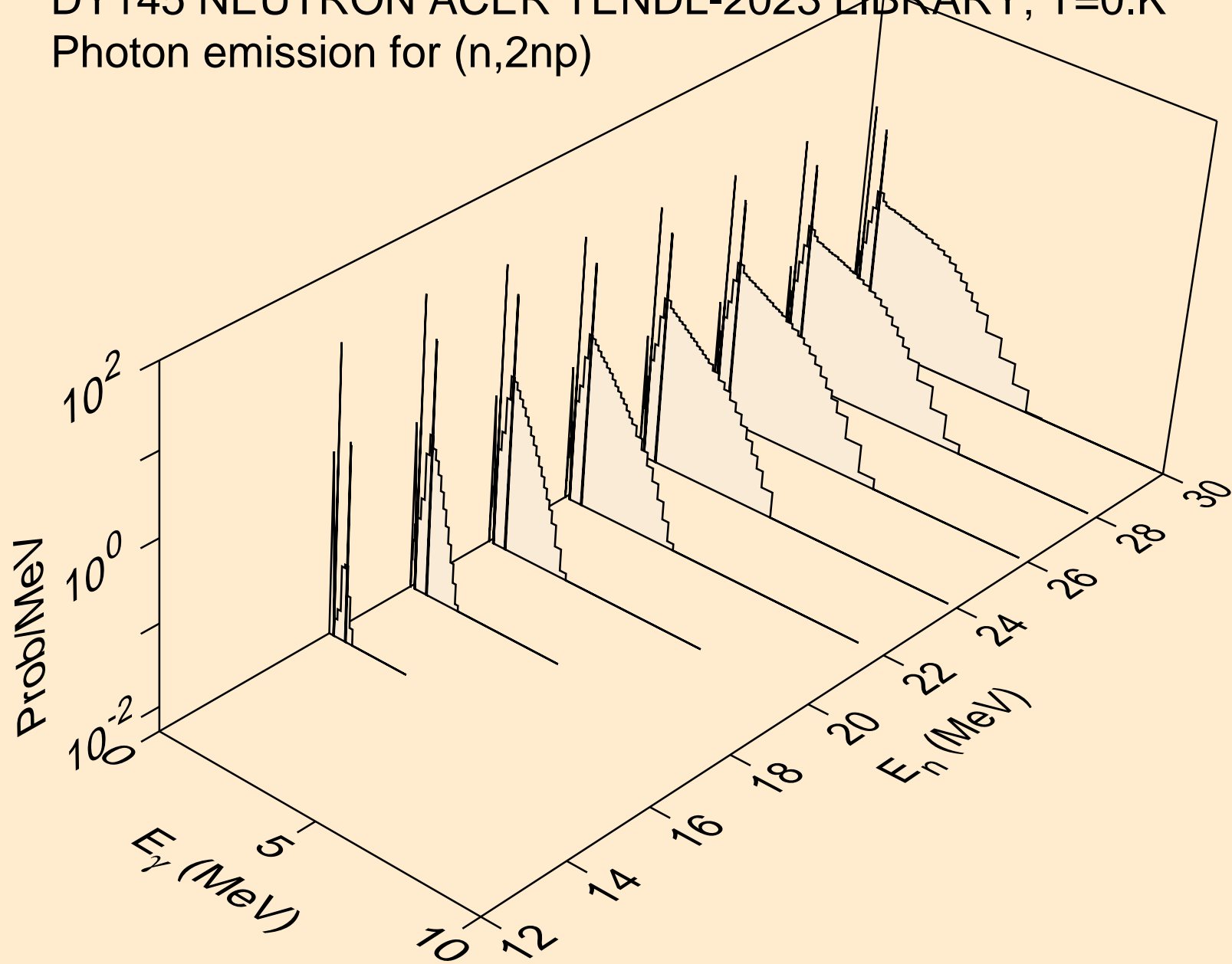
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



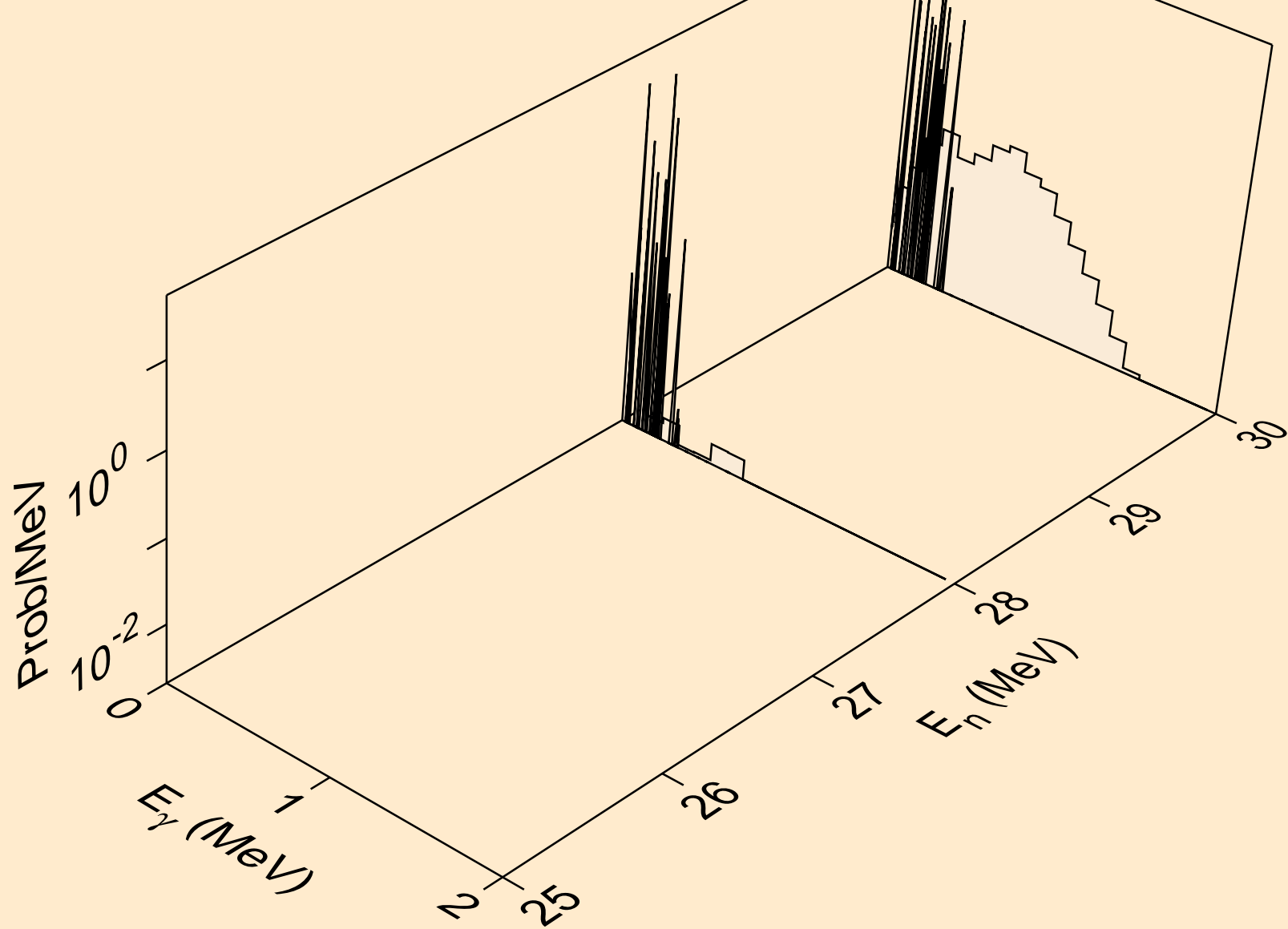
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

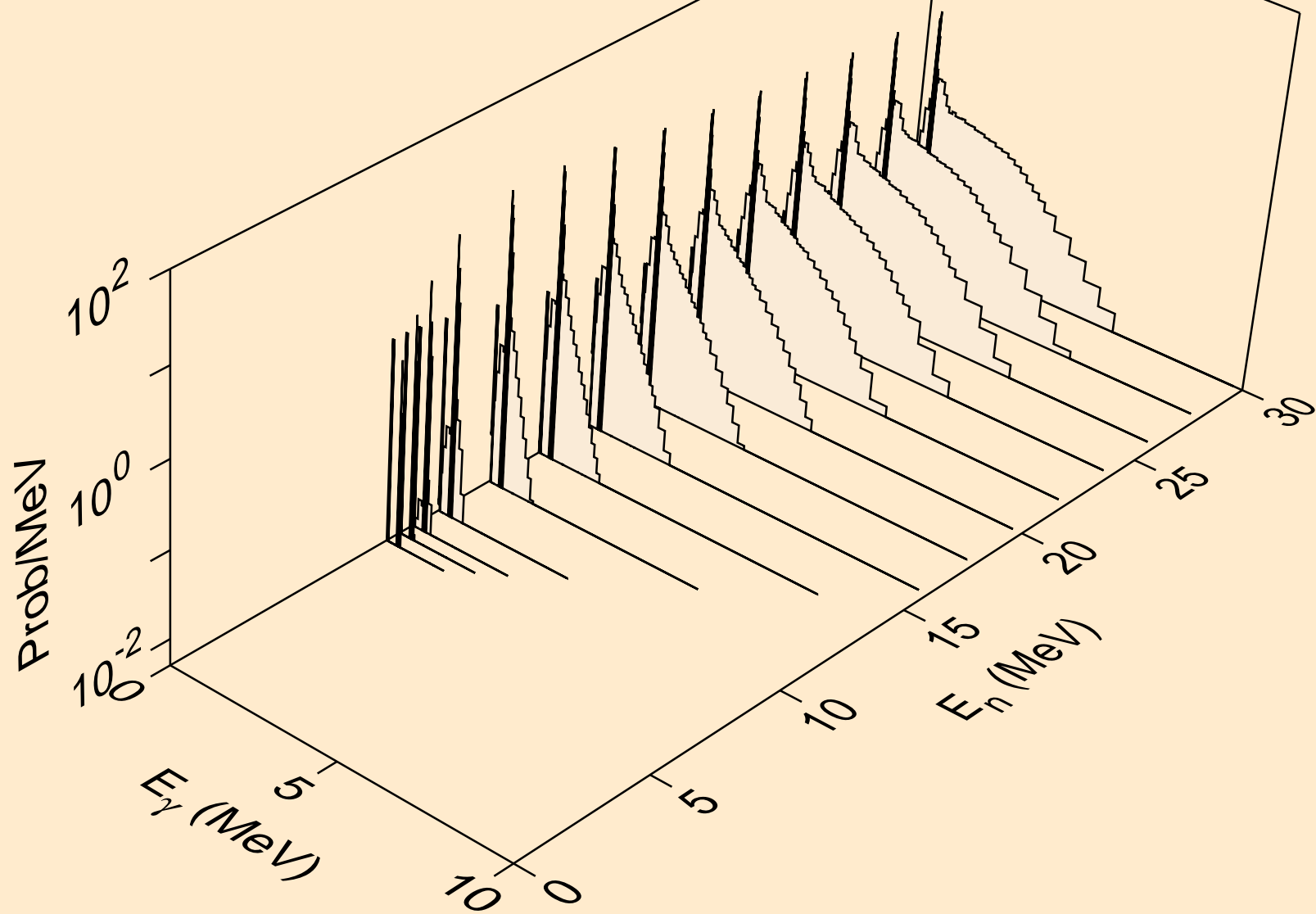


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

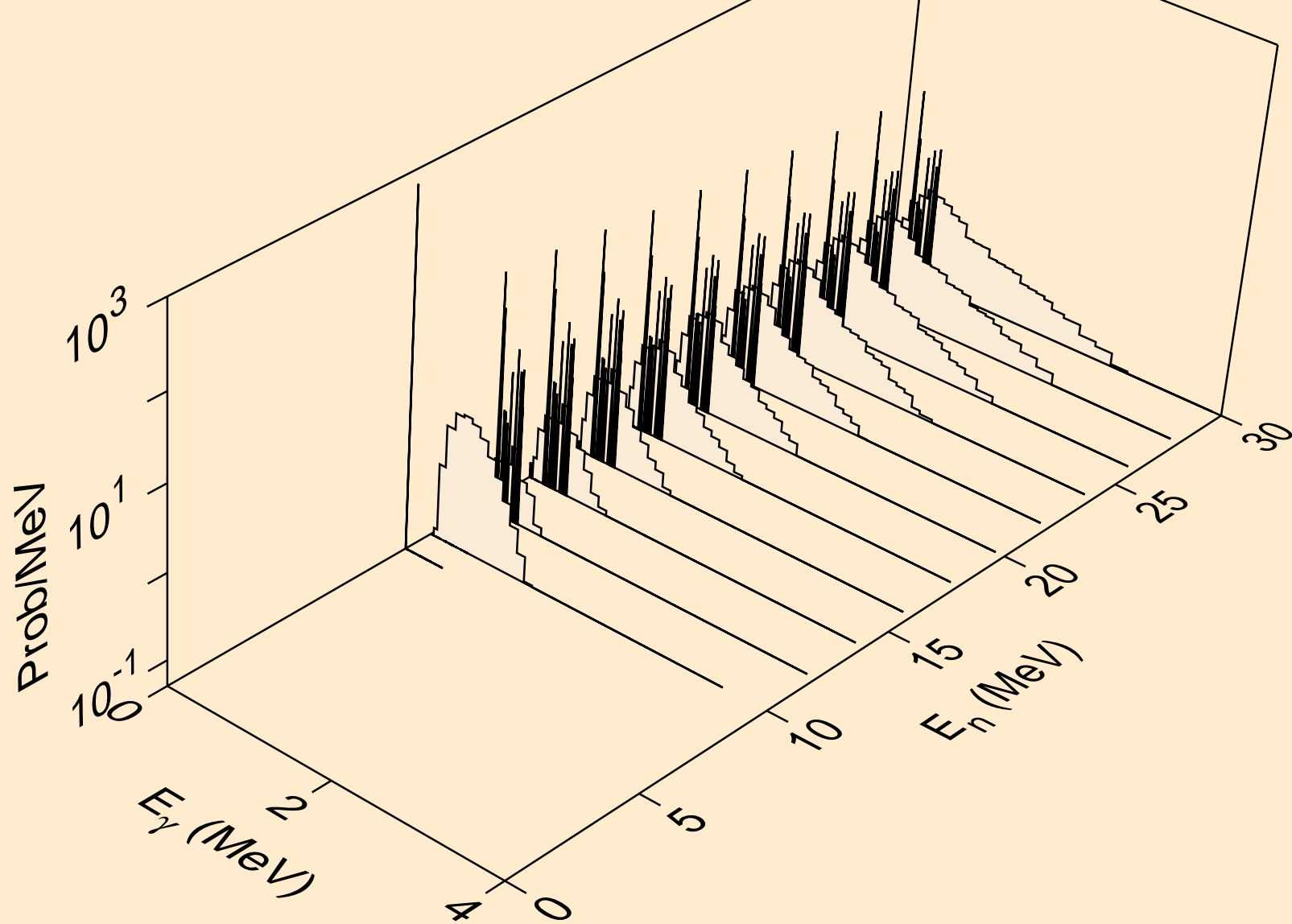




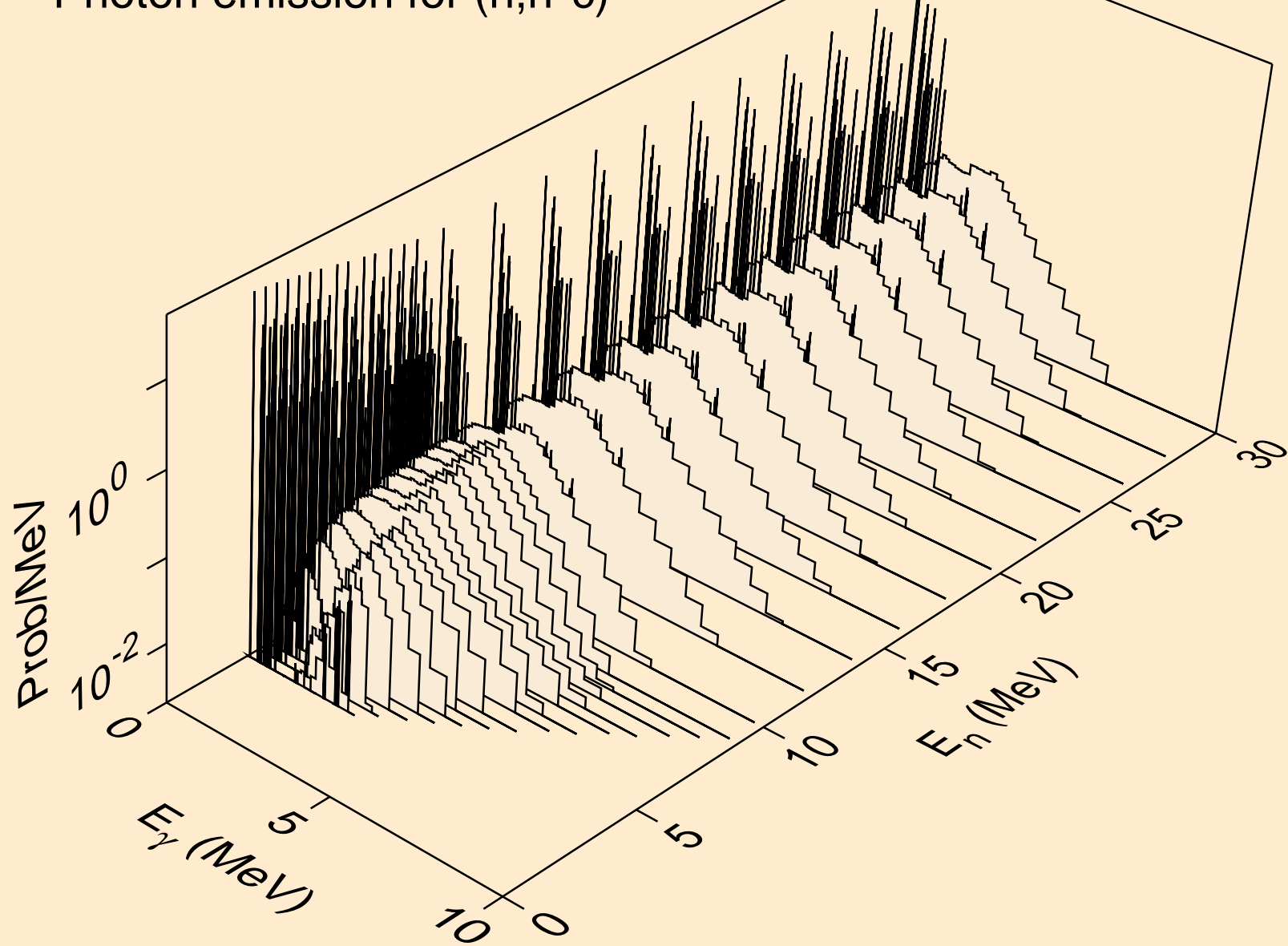
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Photon emission for (n,n2p)



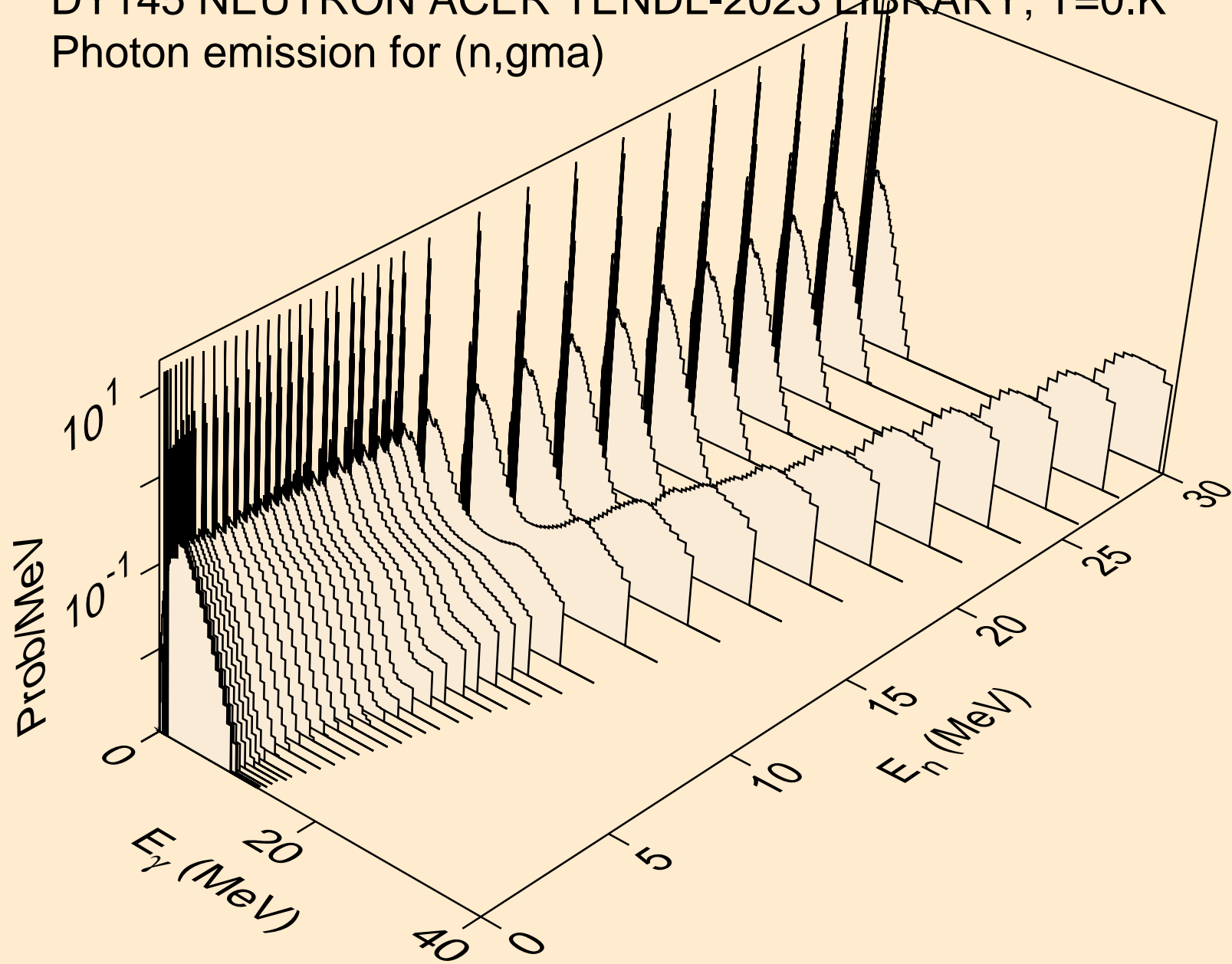
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



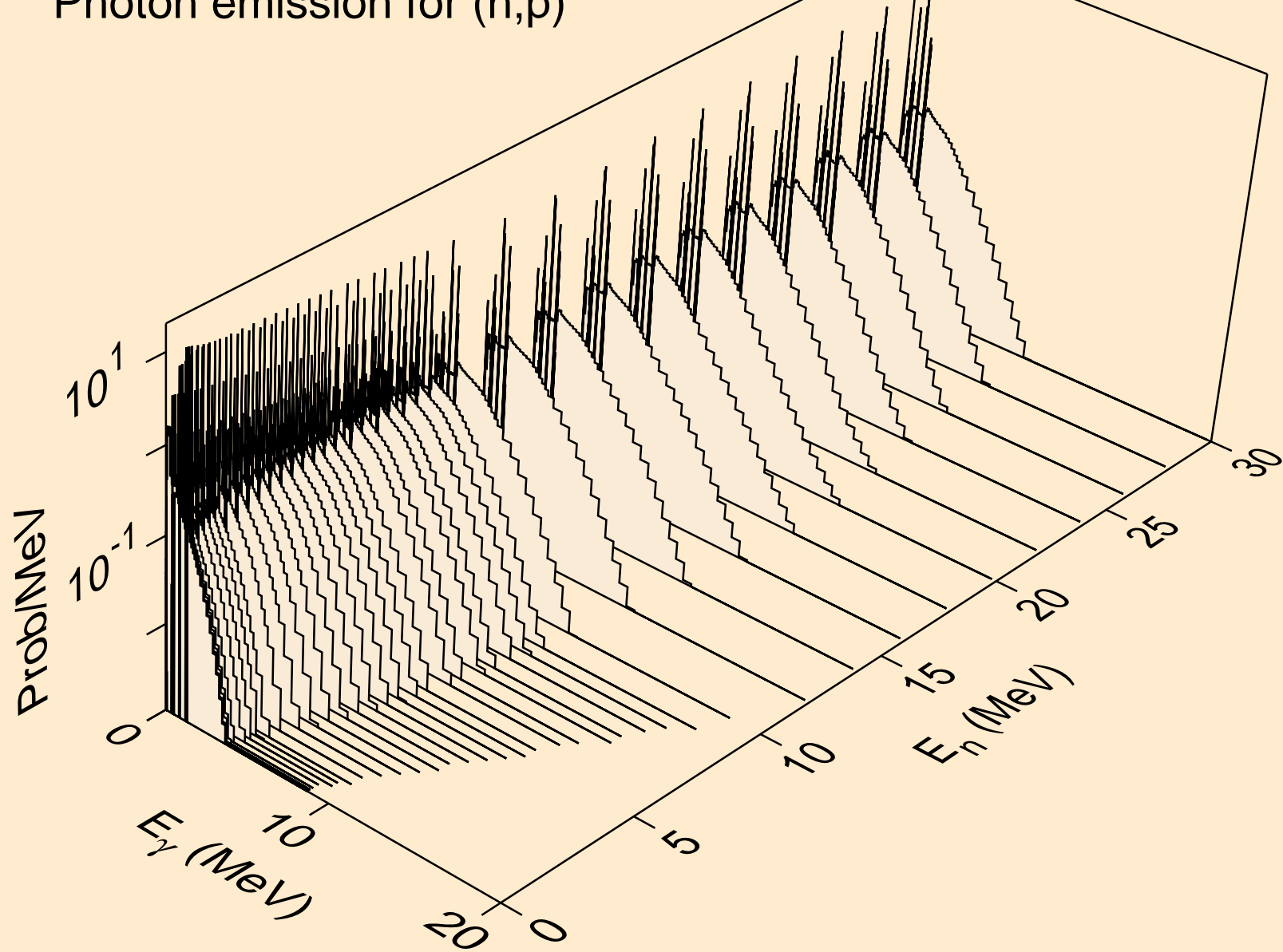
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



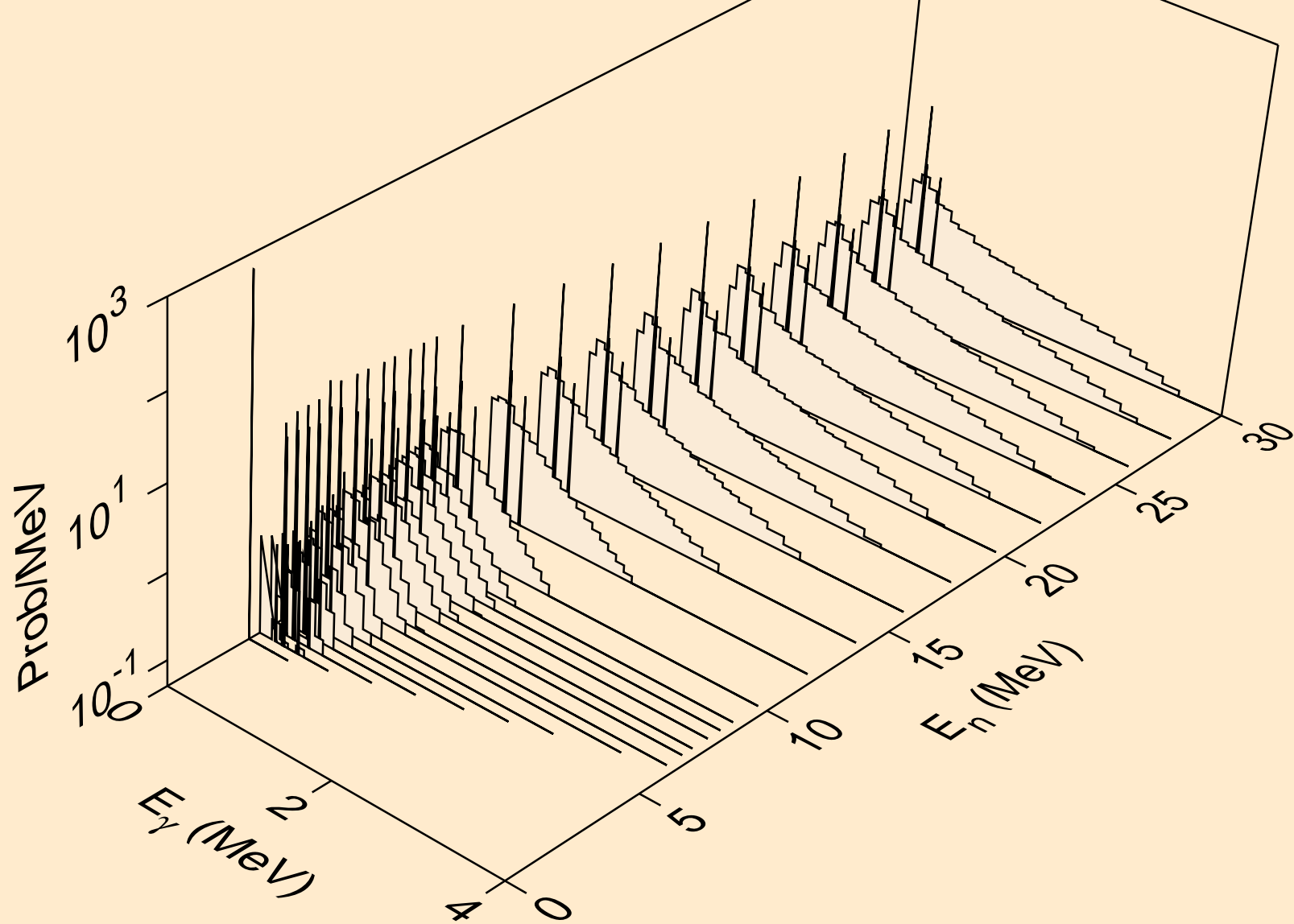
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Photon emission for (n,gma)



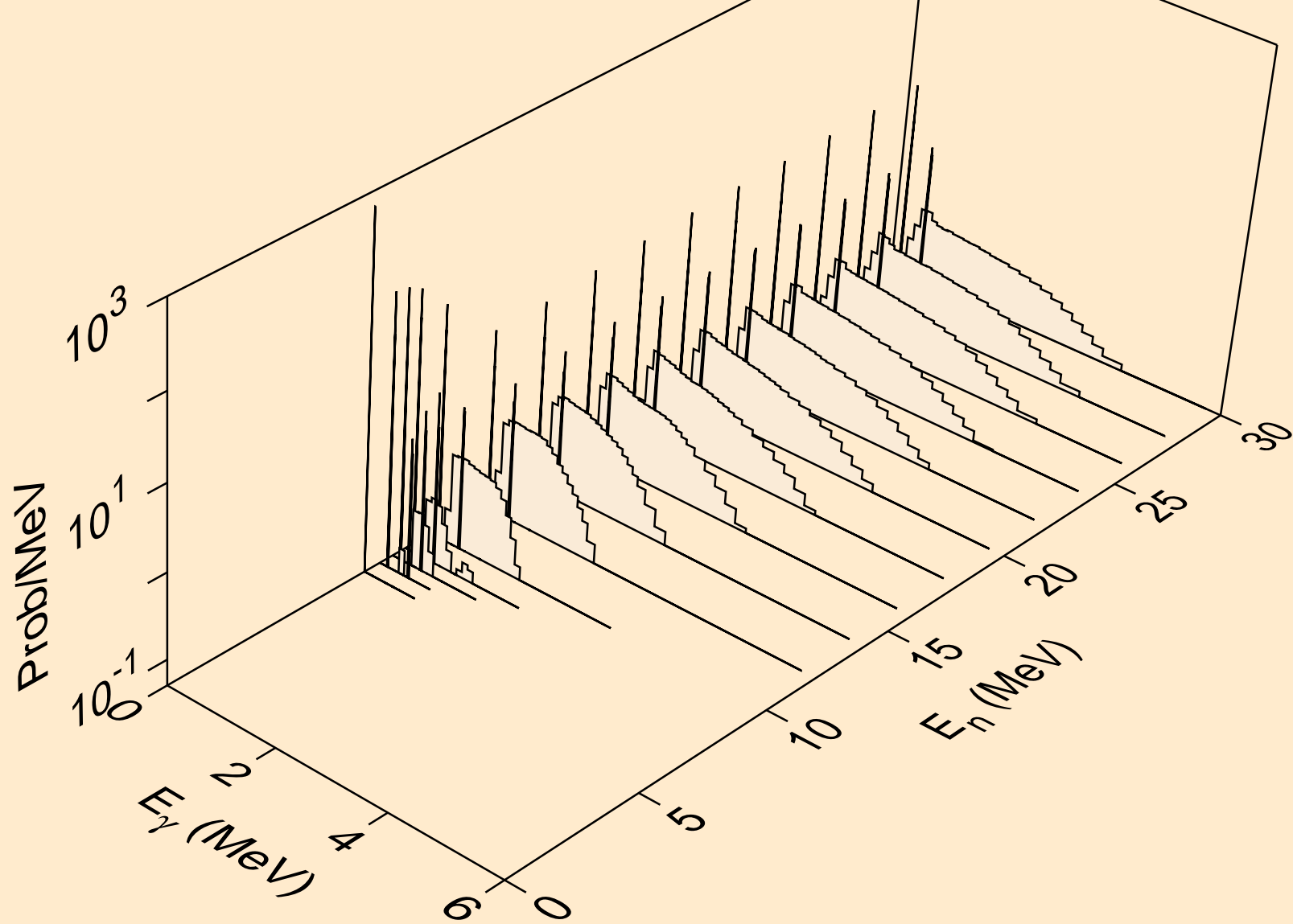
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Photon emission for (n,p)



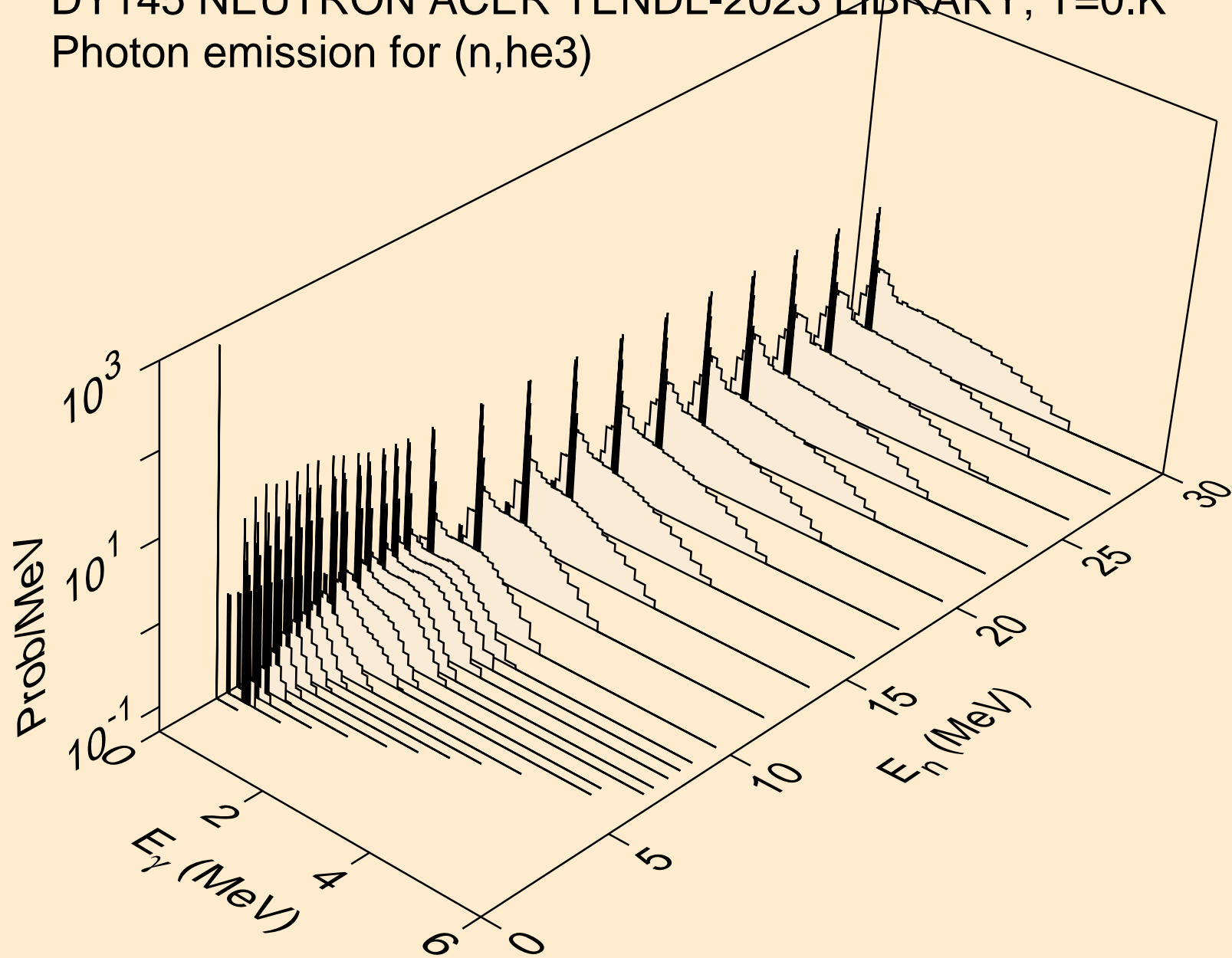
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

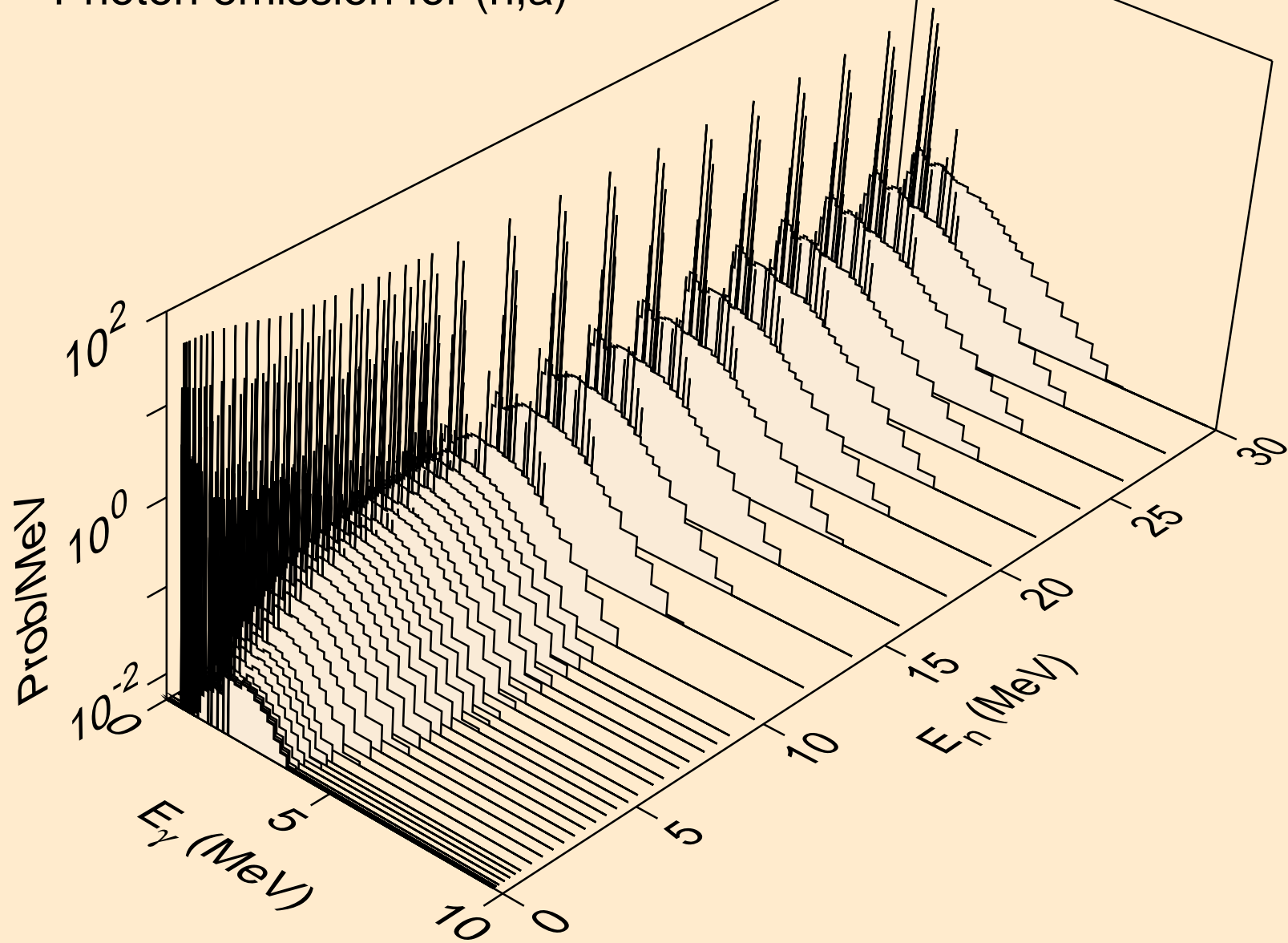


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

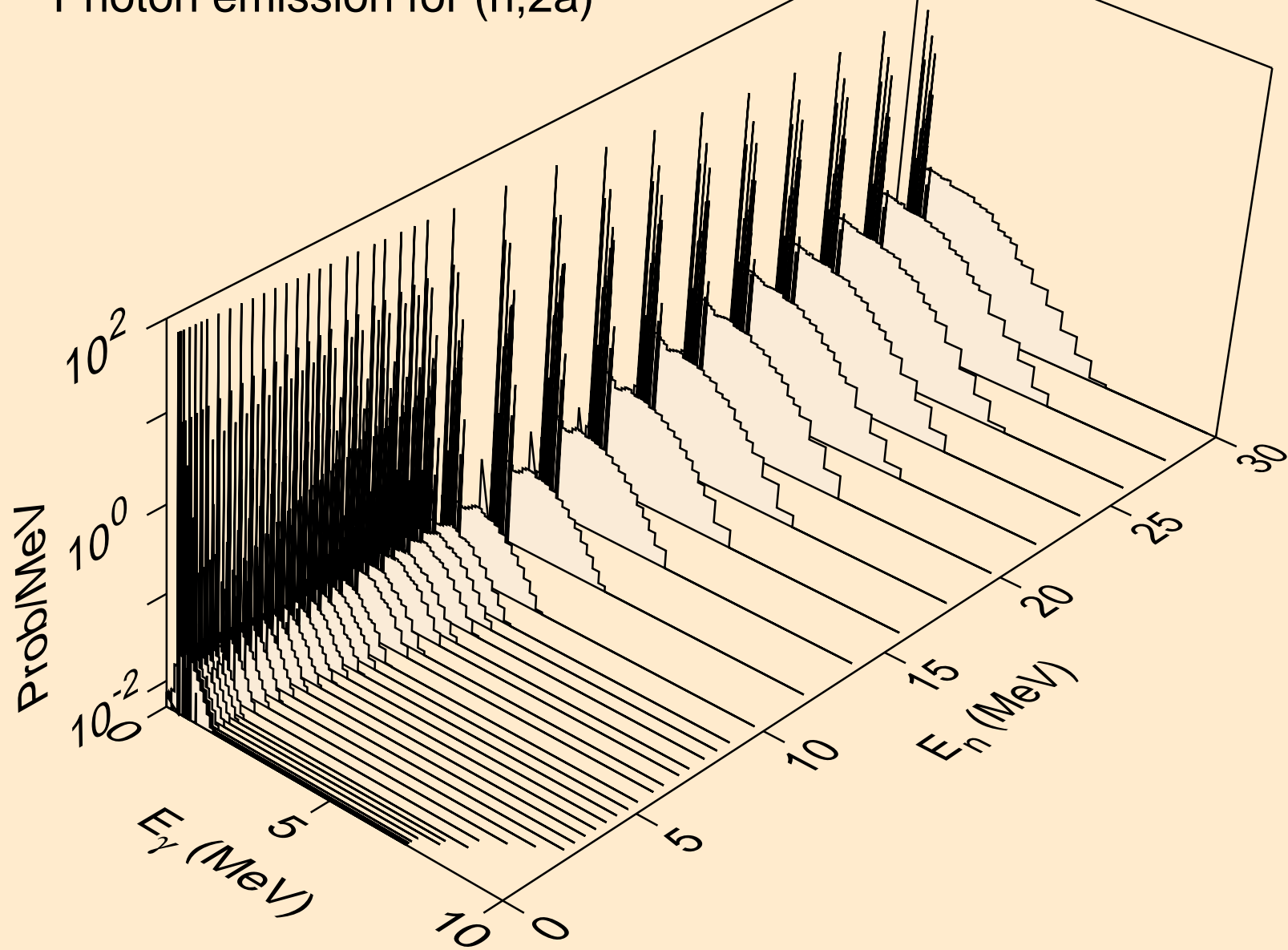




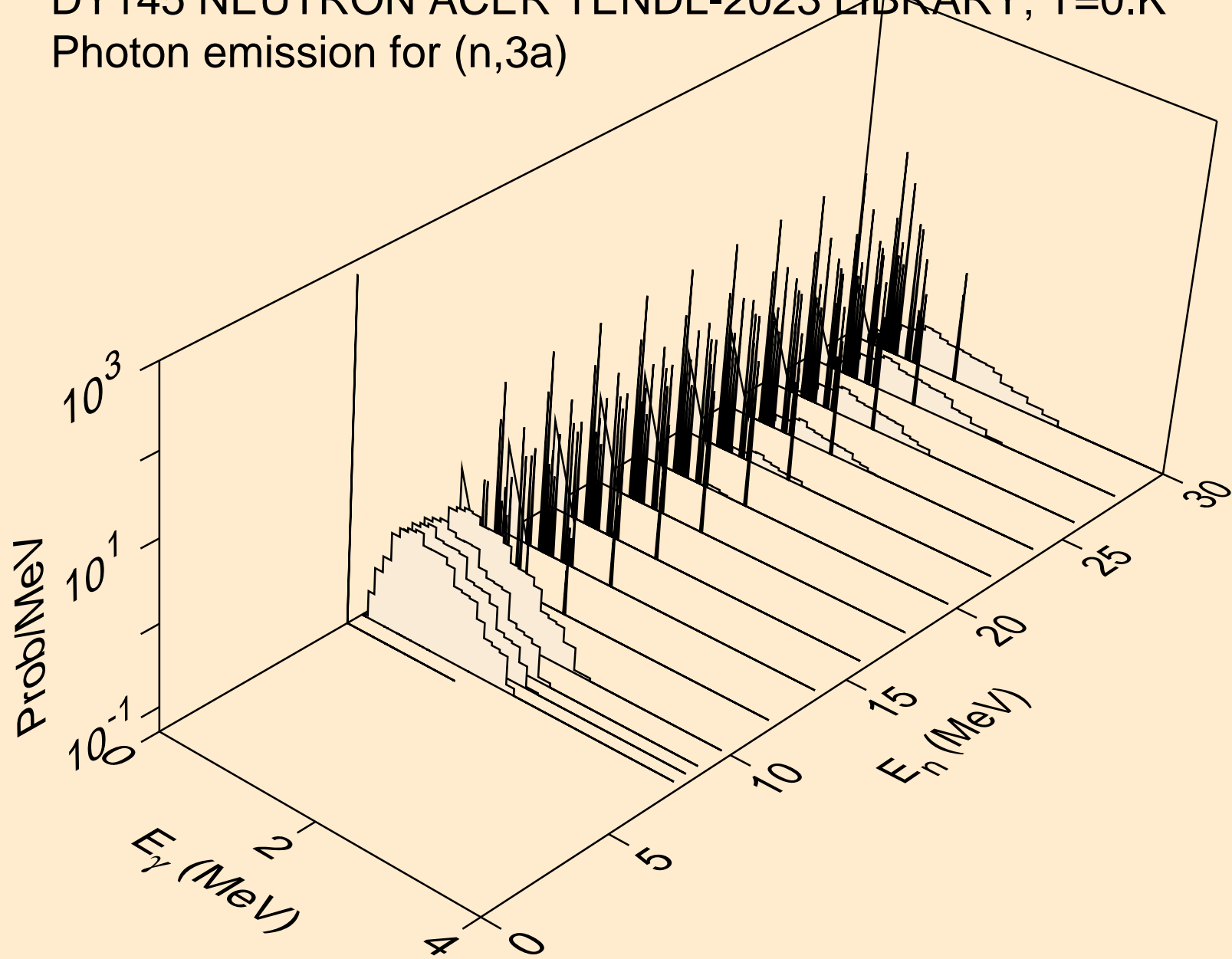
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Photon emission for (n,a)



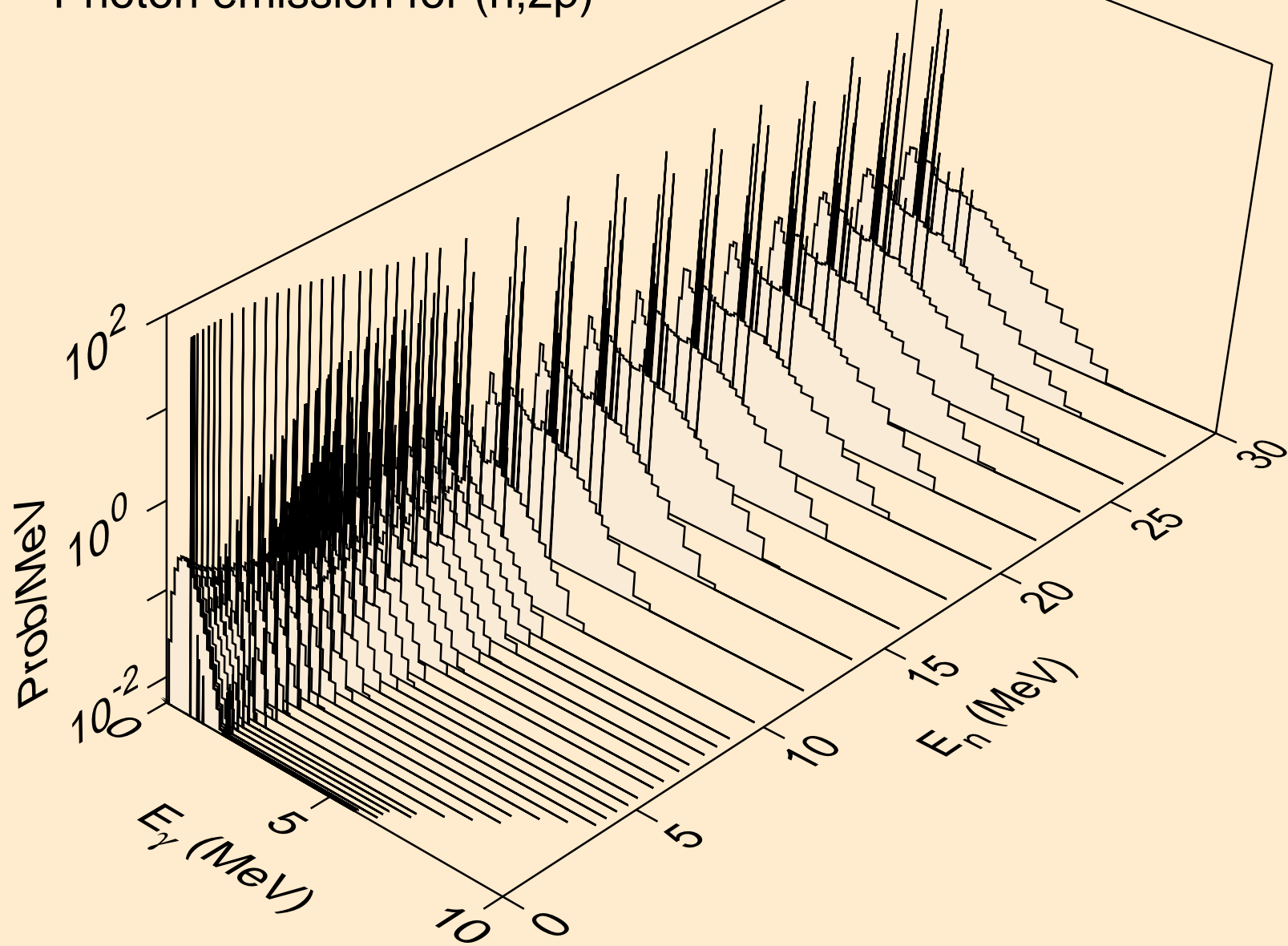
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Photon emission for (n,2a)



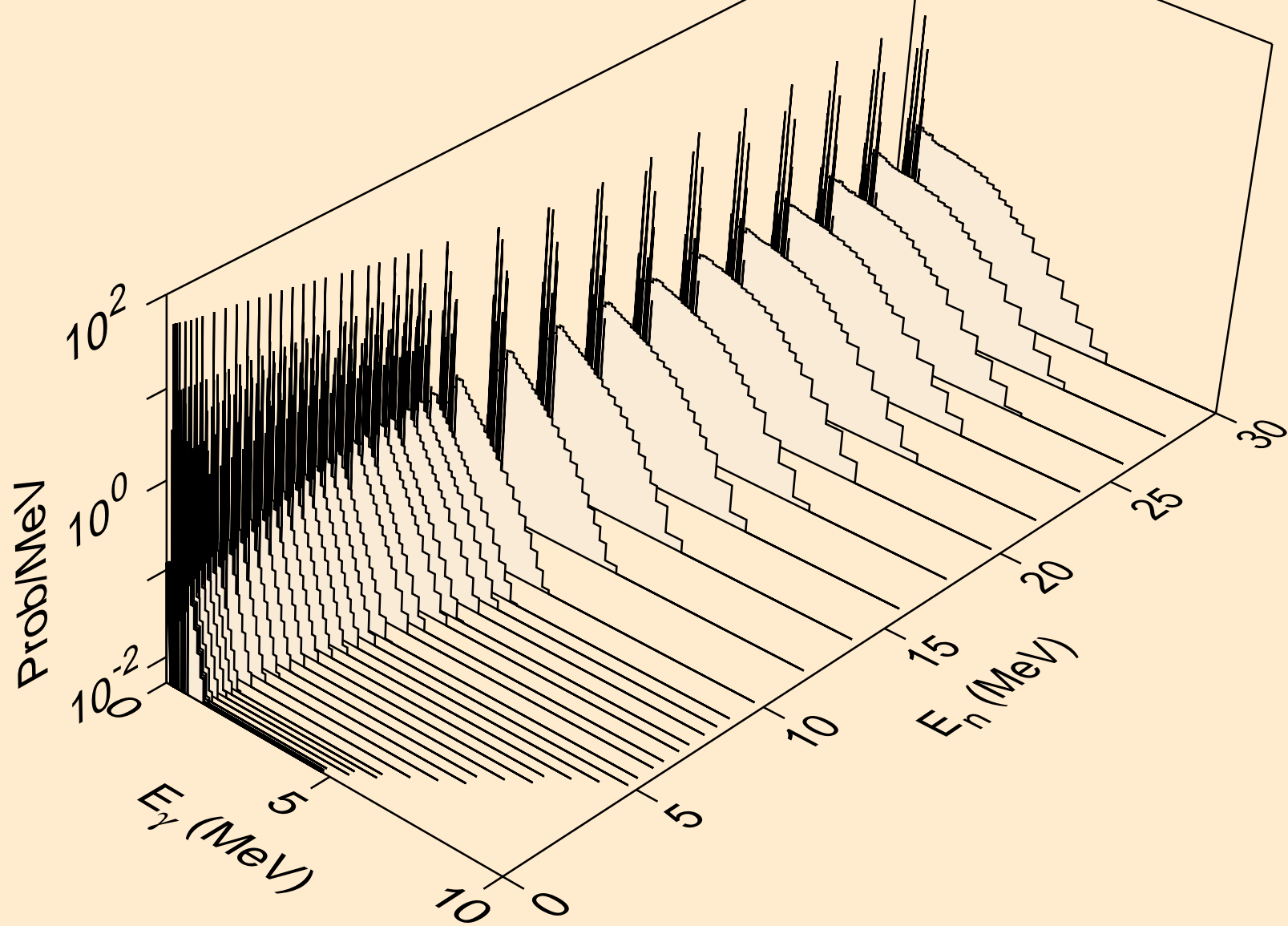
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Photon emission for (n,3a)



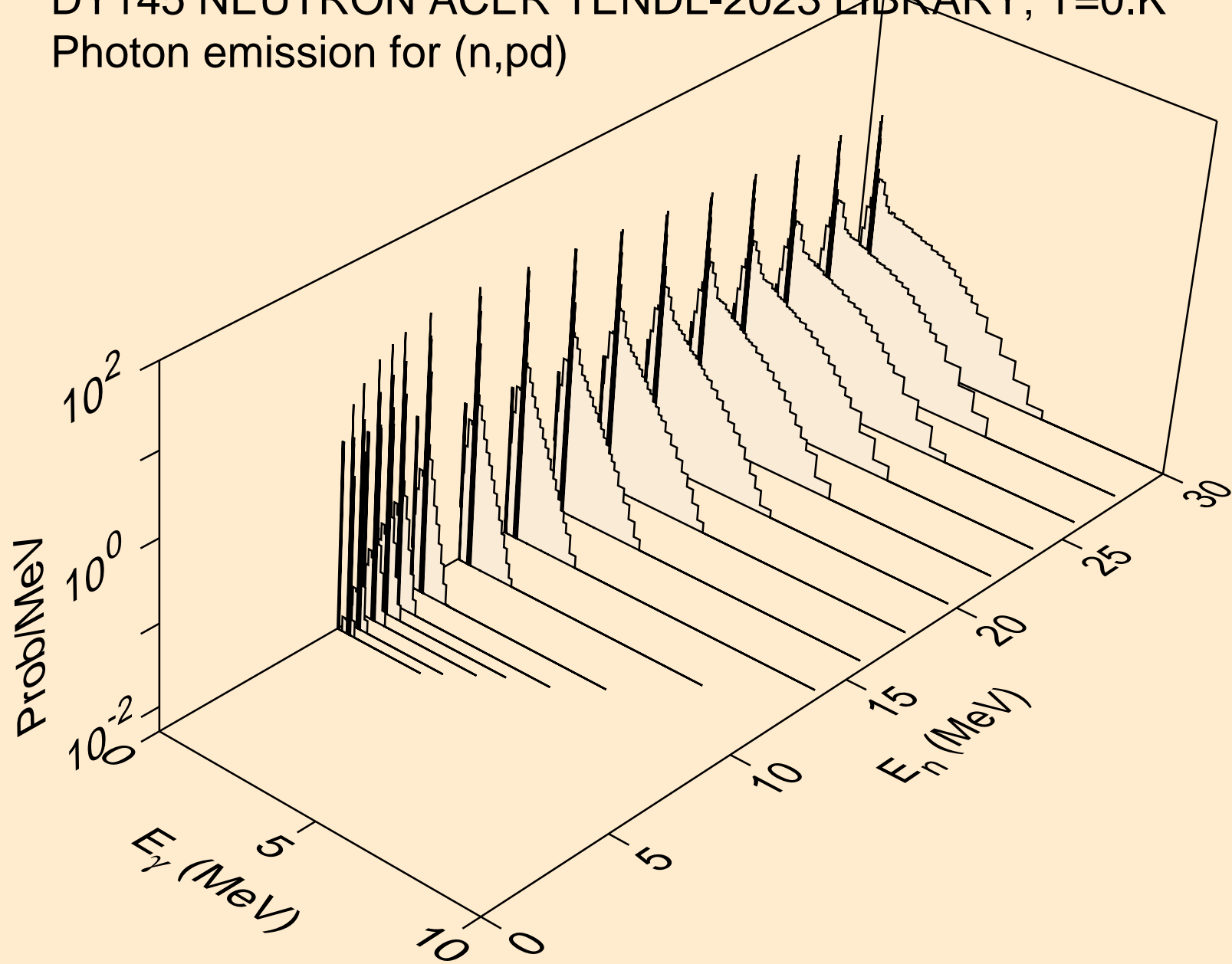
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Photon emission for (n,2p)



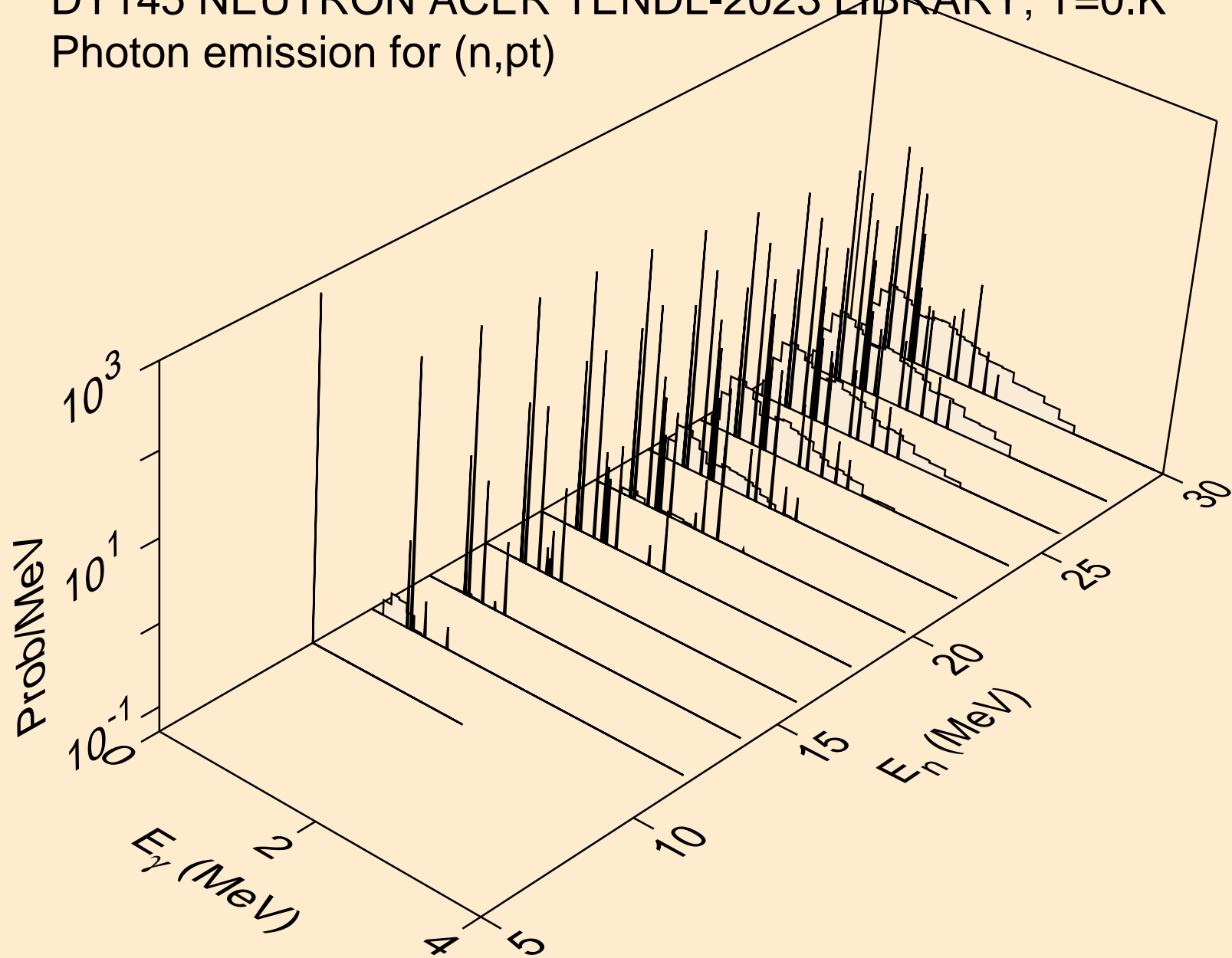
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Photon emission for (n,p)



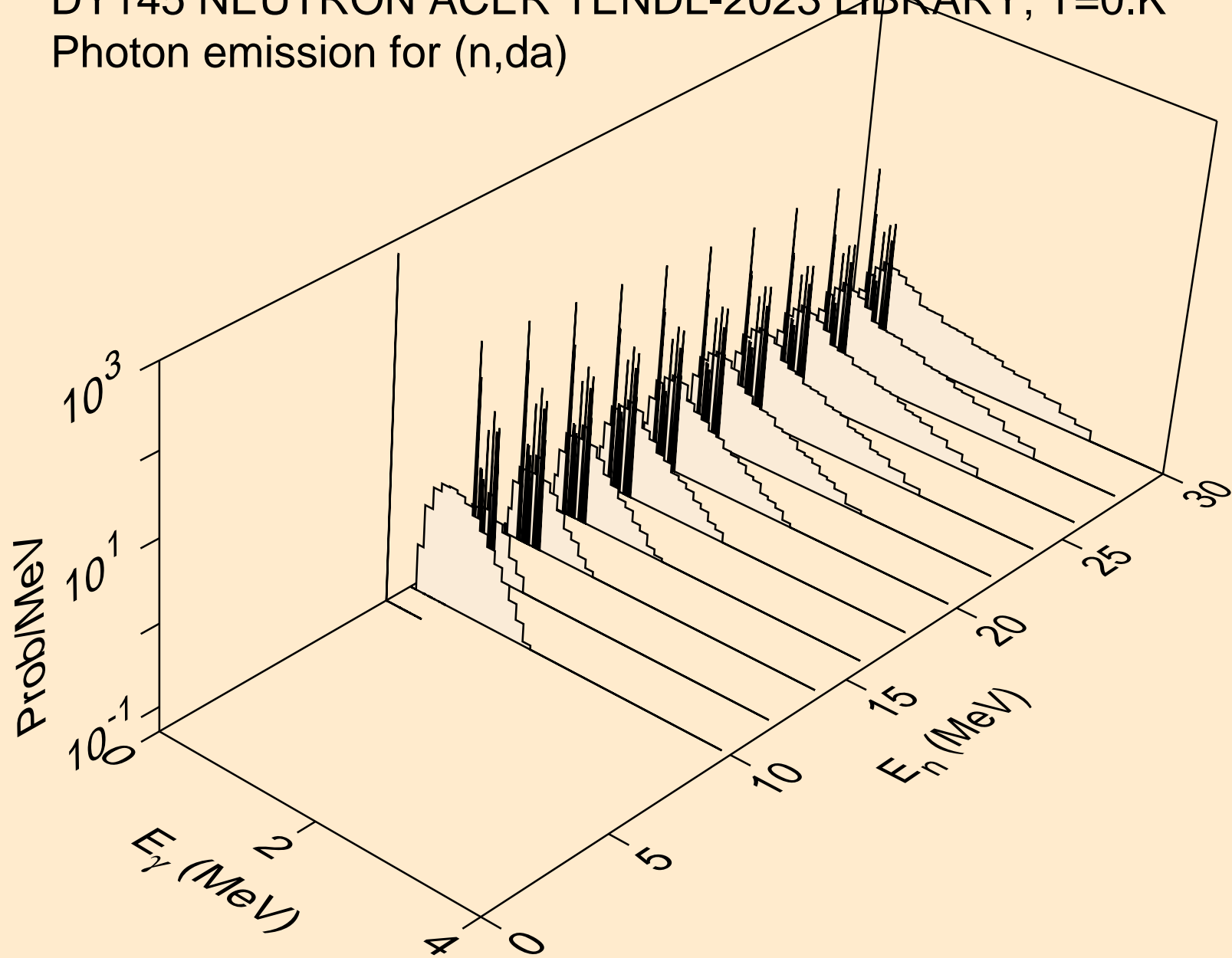
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

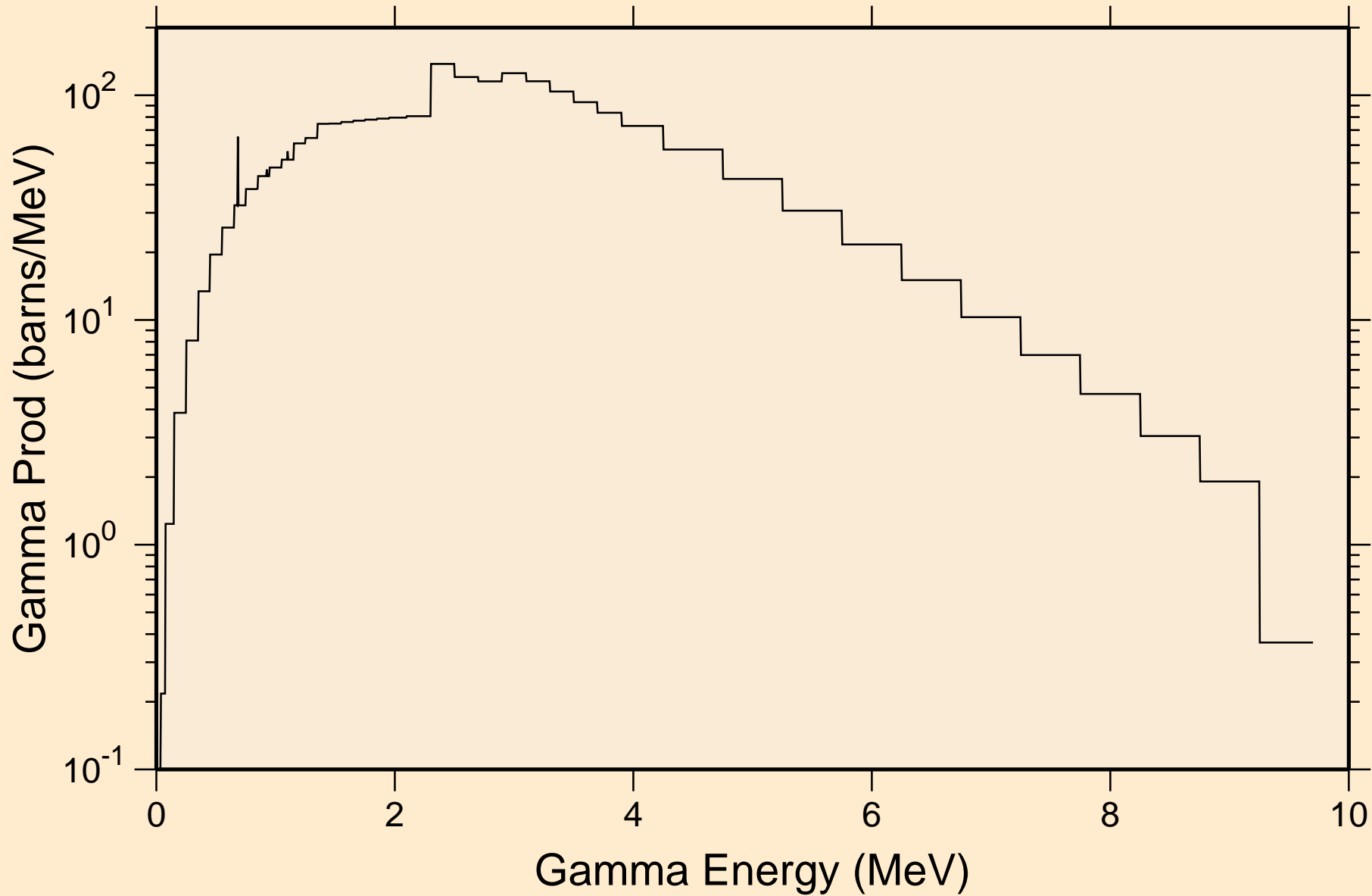


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

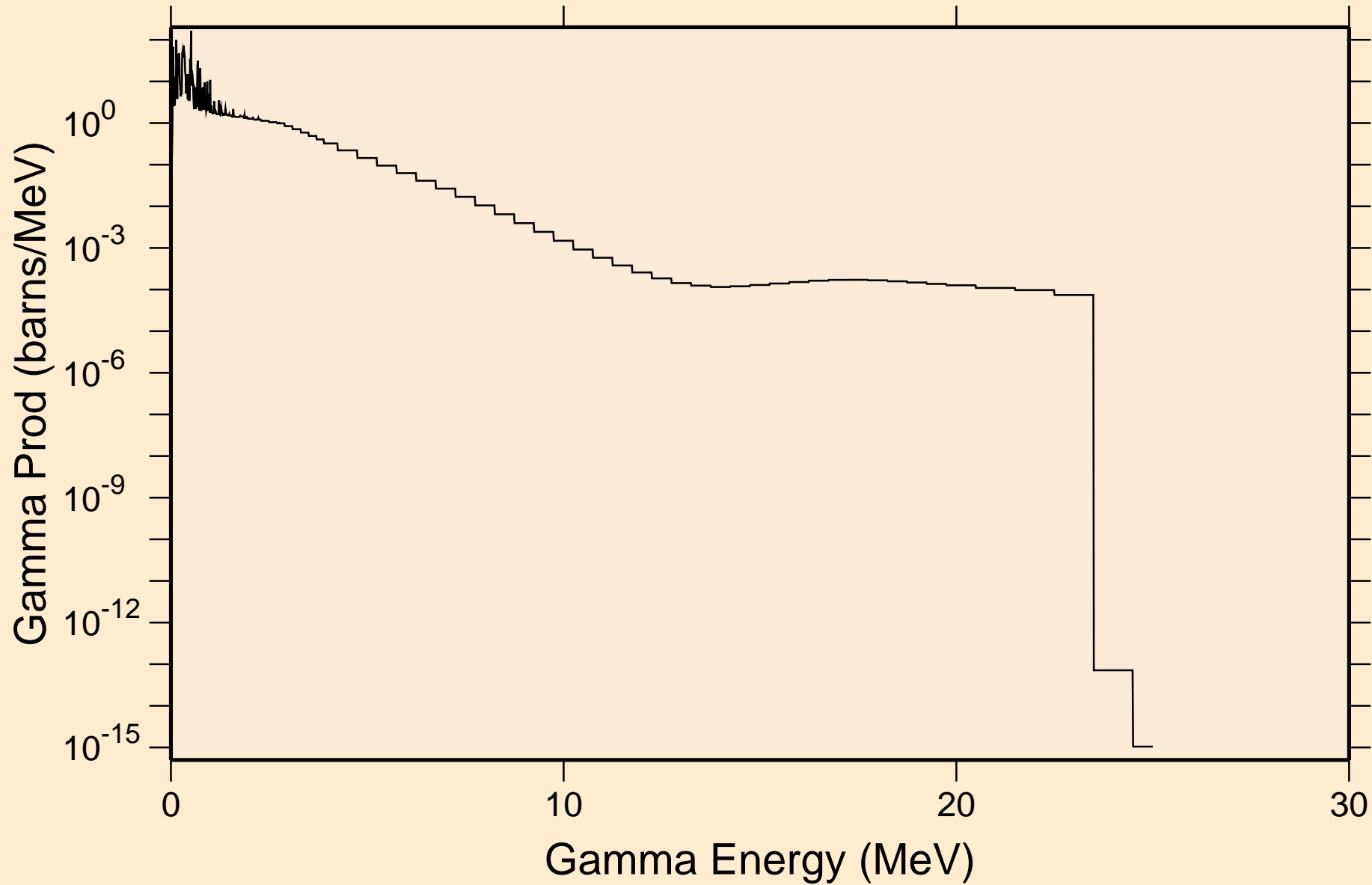




DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

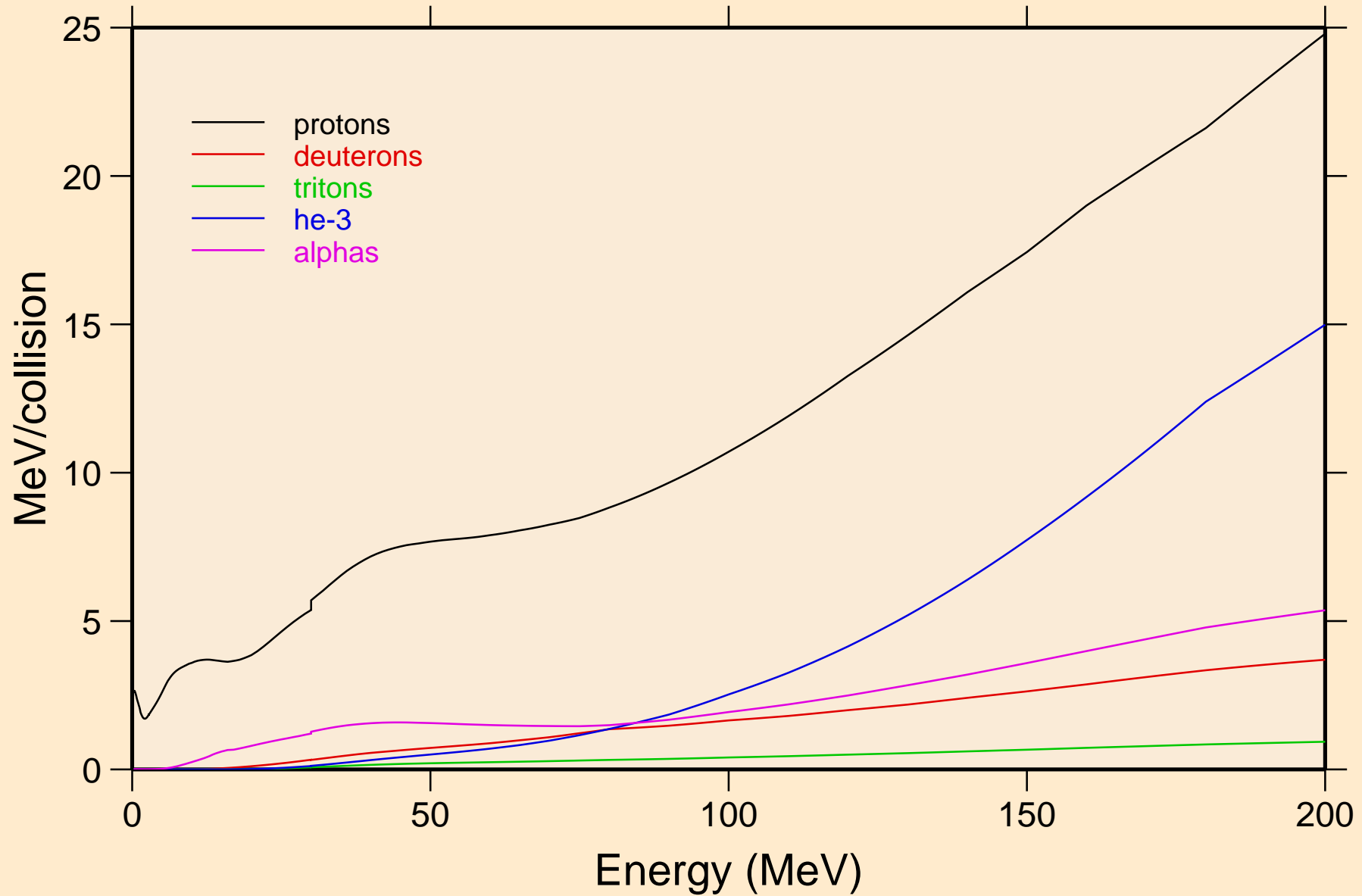


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

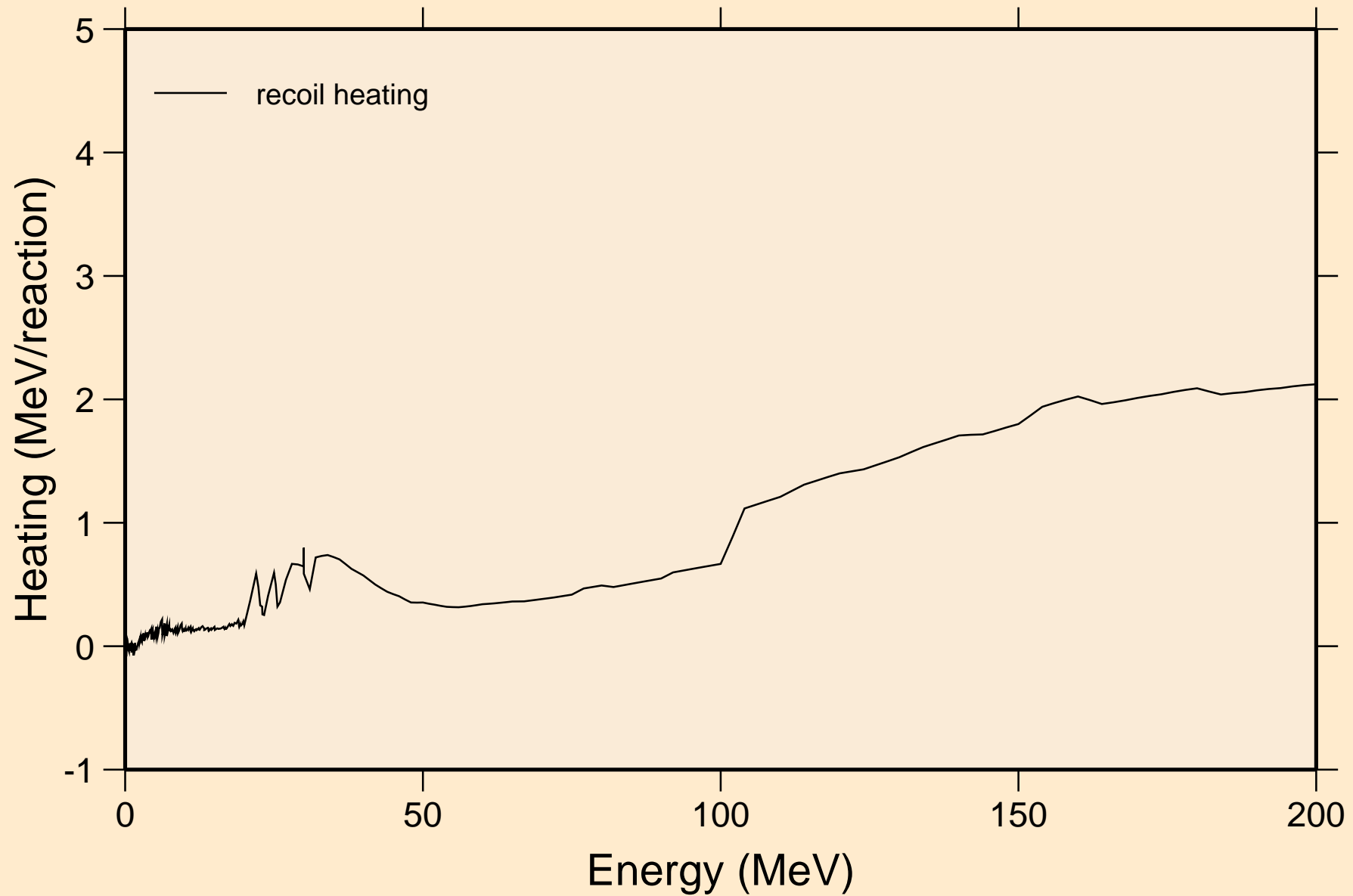


# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

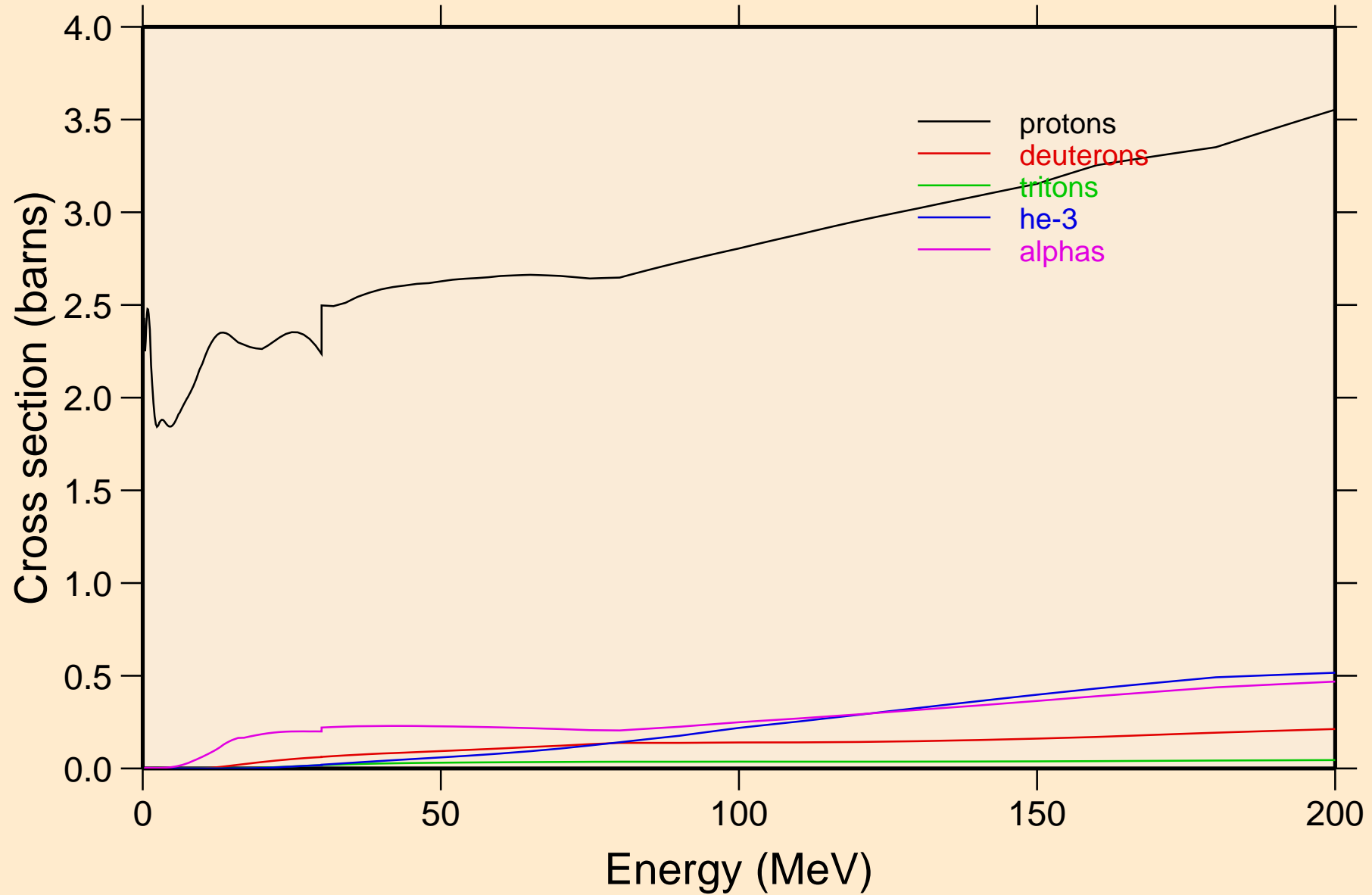


DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

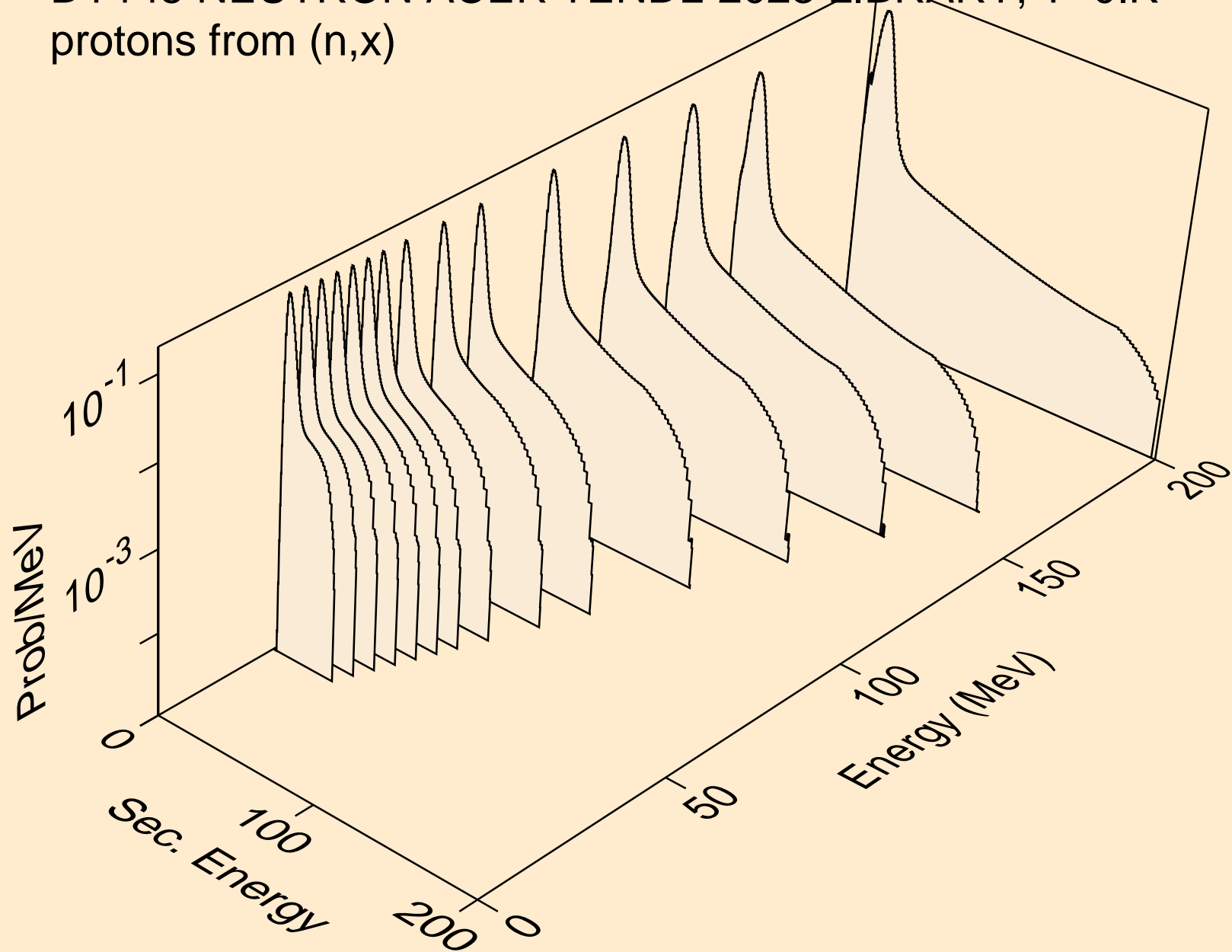


# DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

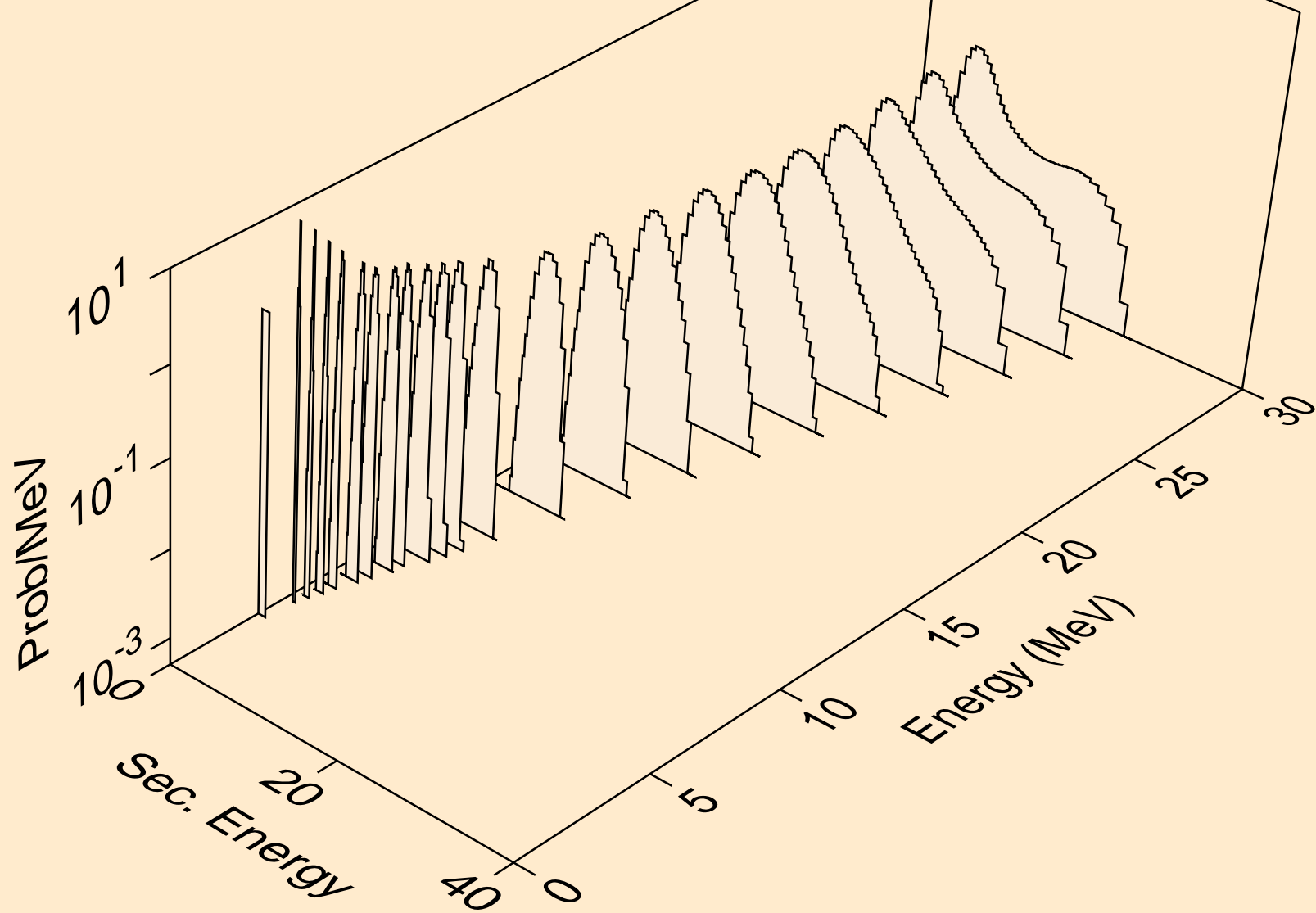
## Particle production cross sections



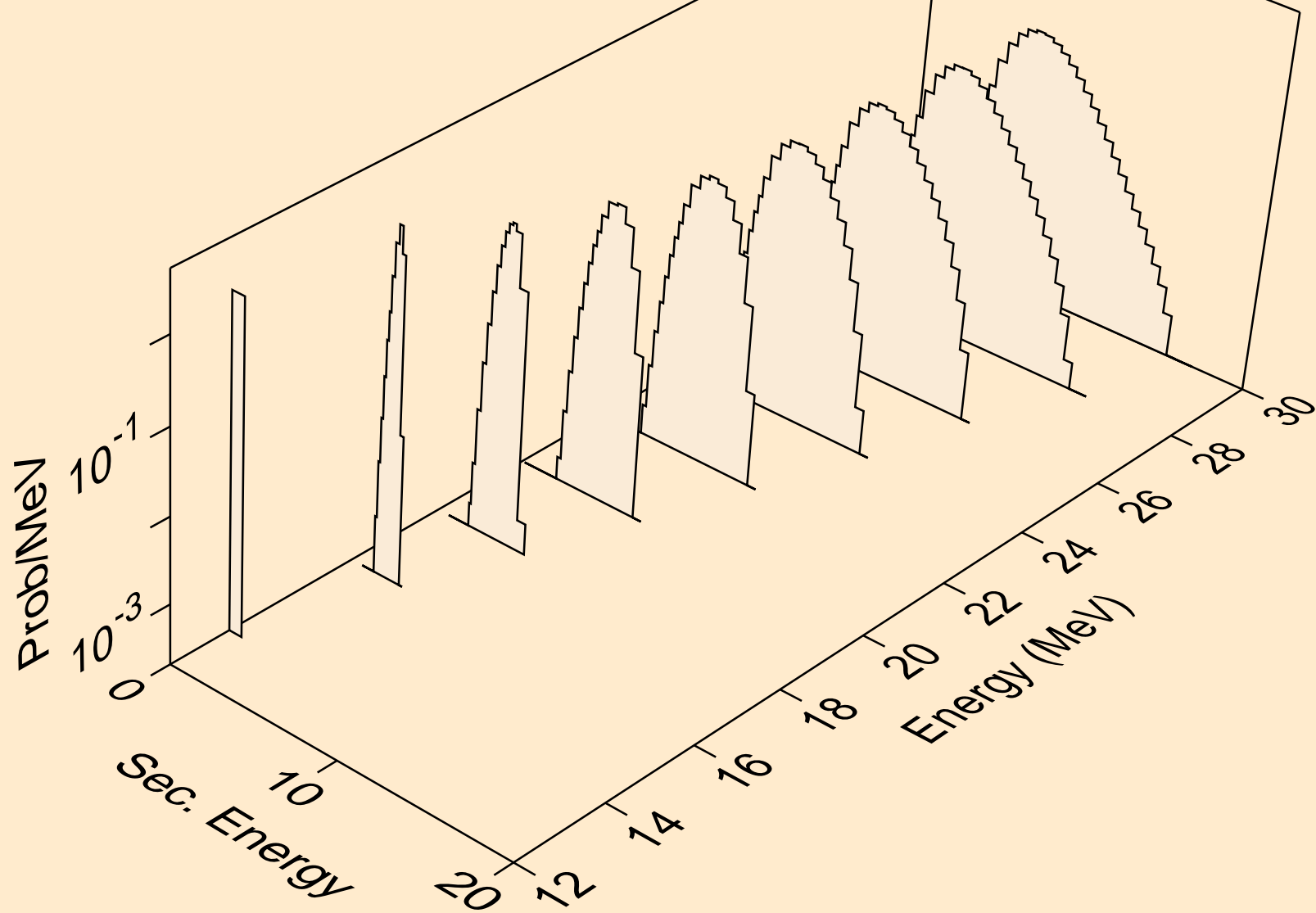
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

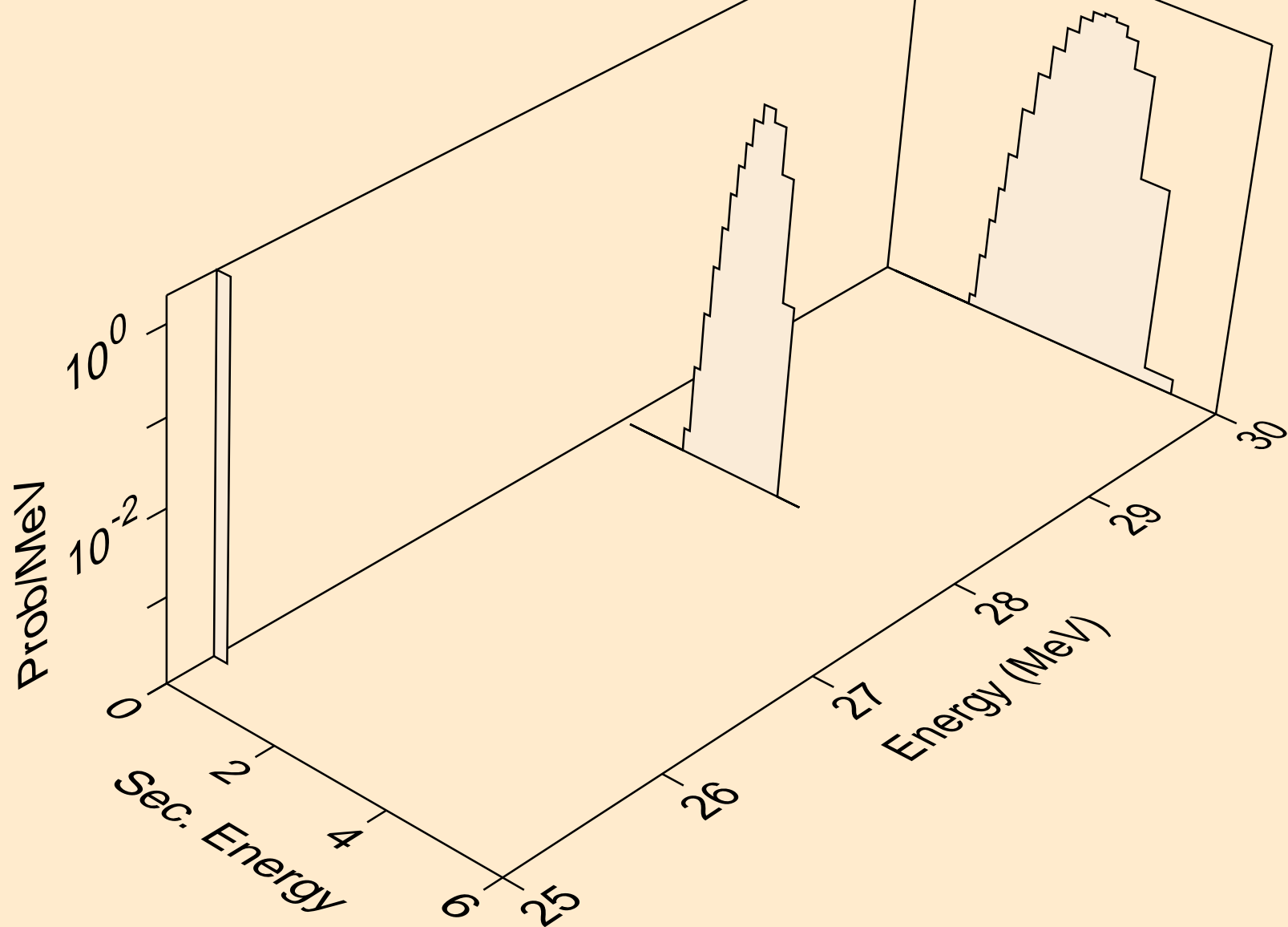


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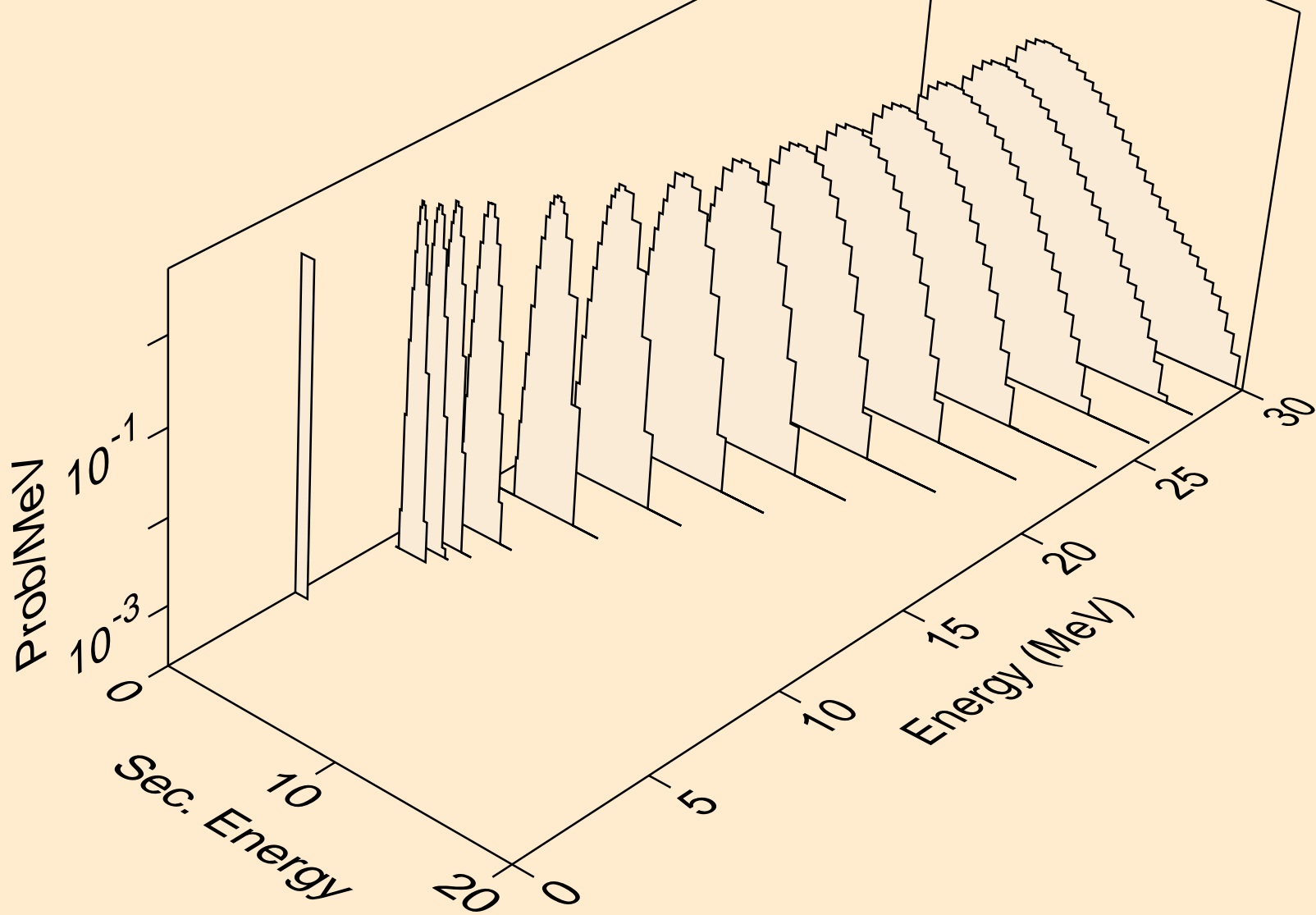




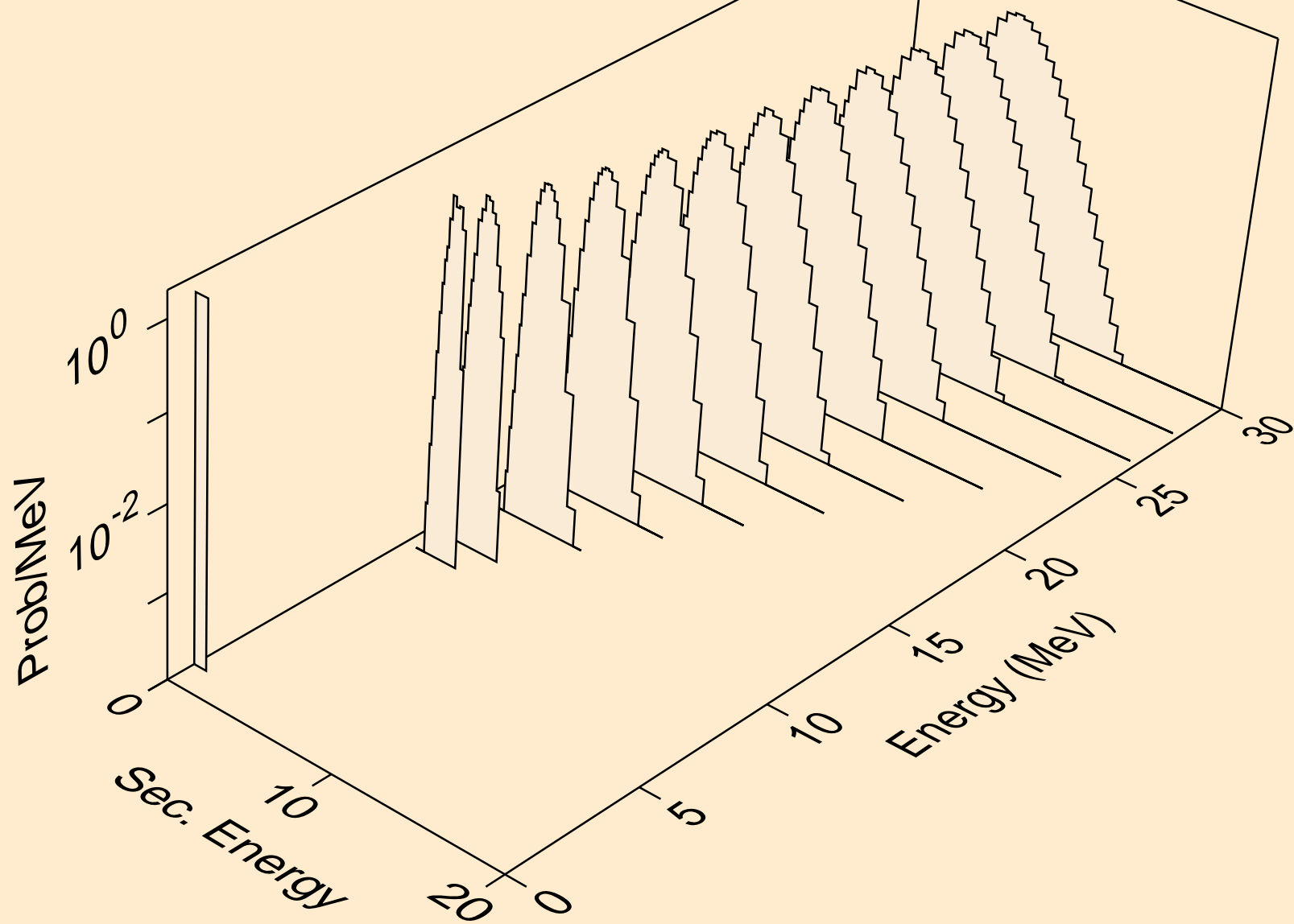
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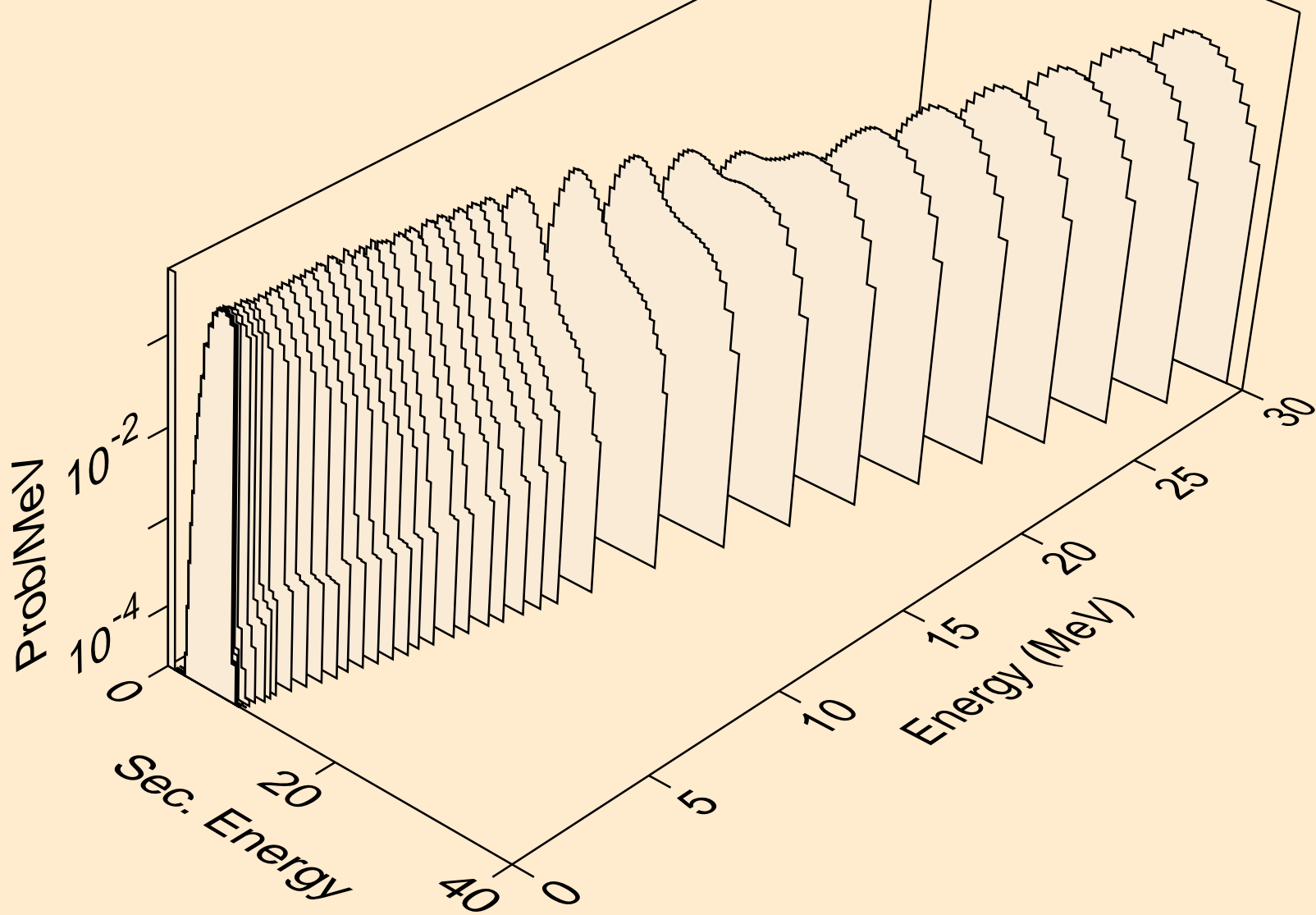
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protons from (n,n2p)



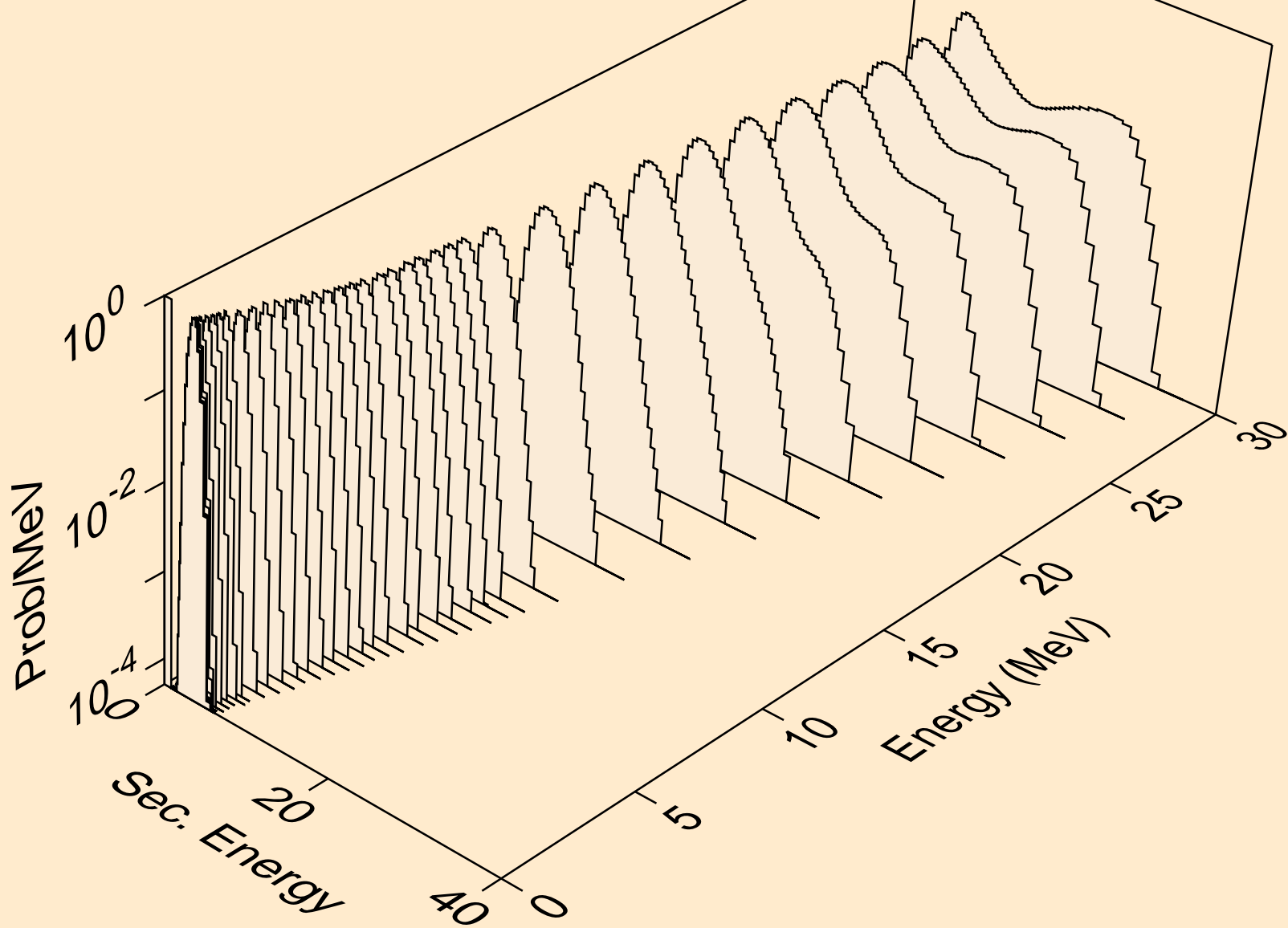
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protons from (n,npa)



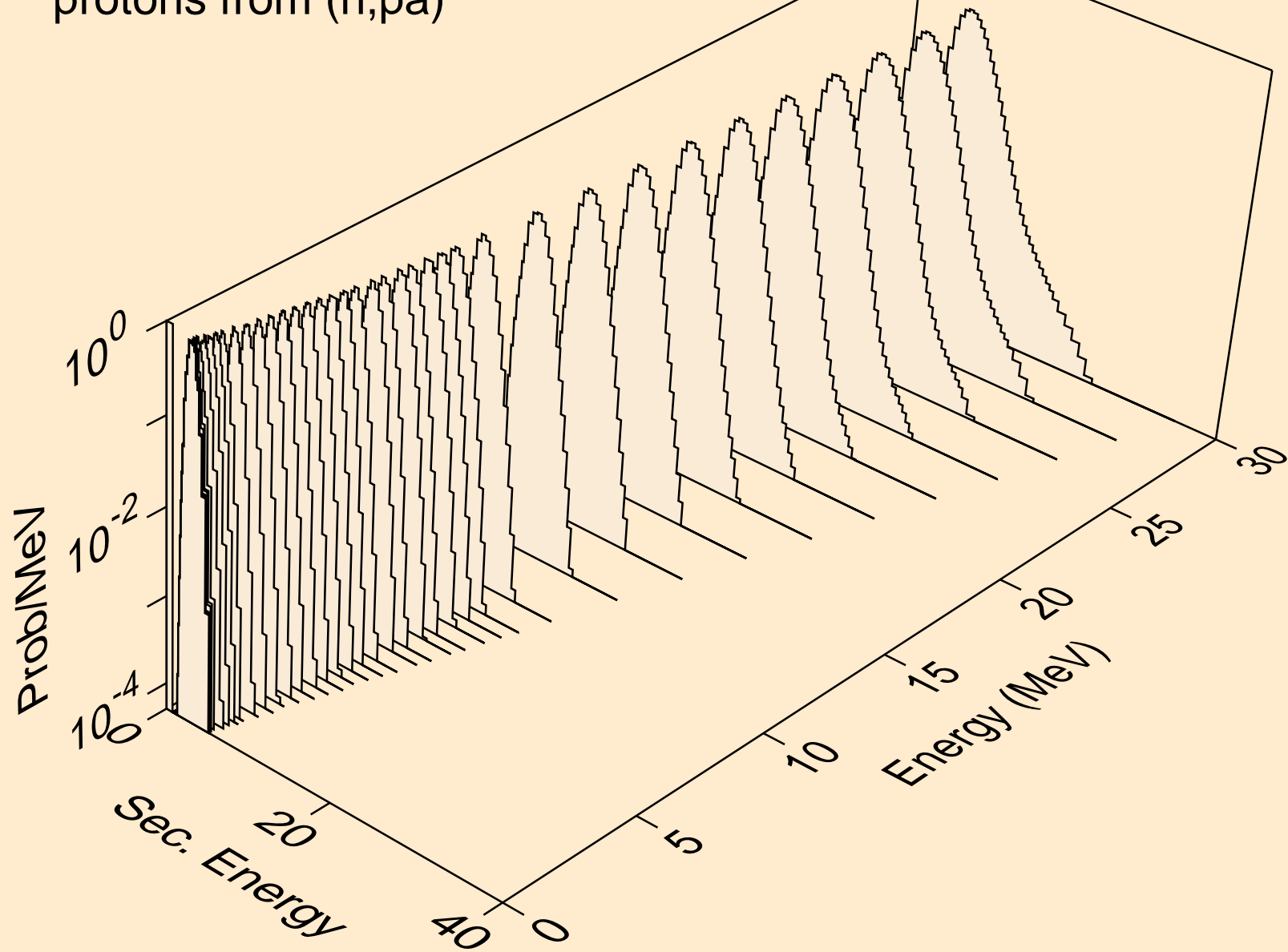
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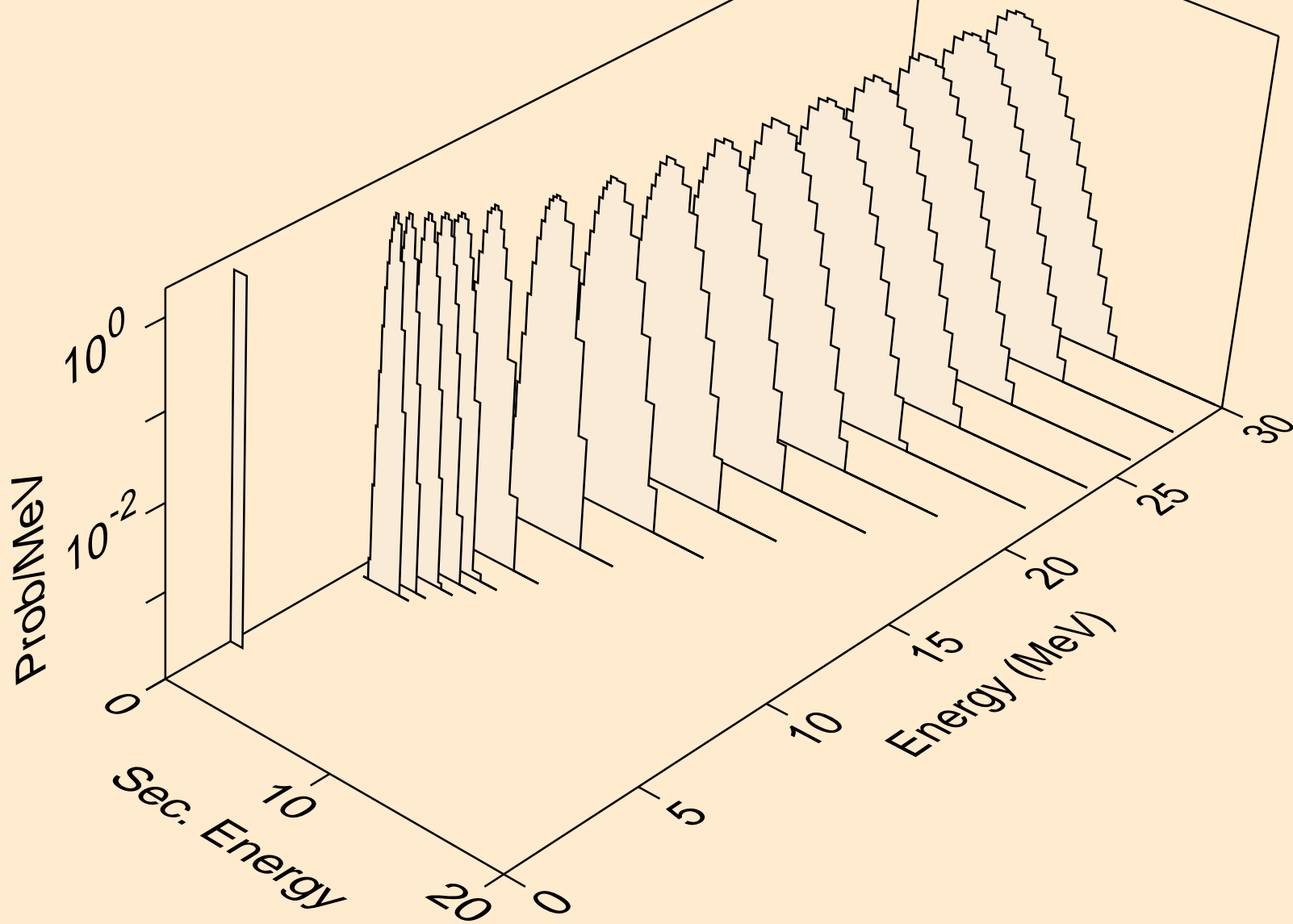
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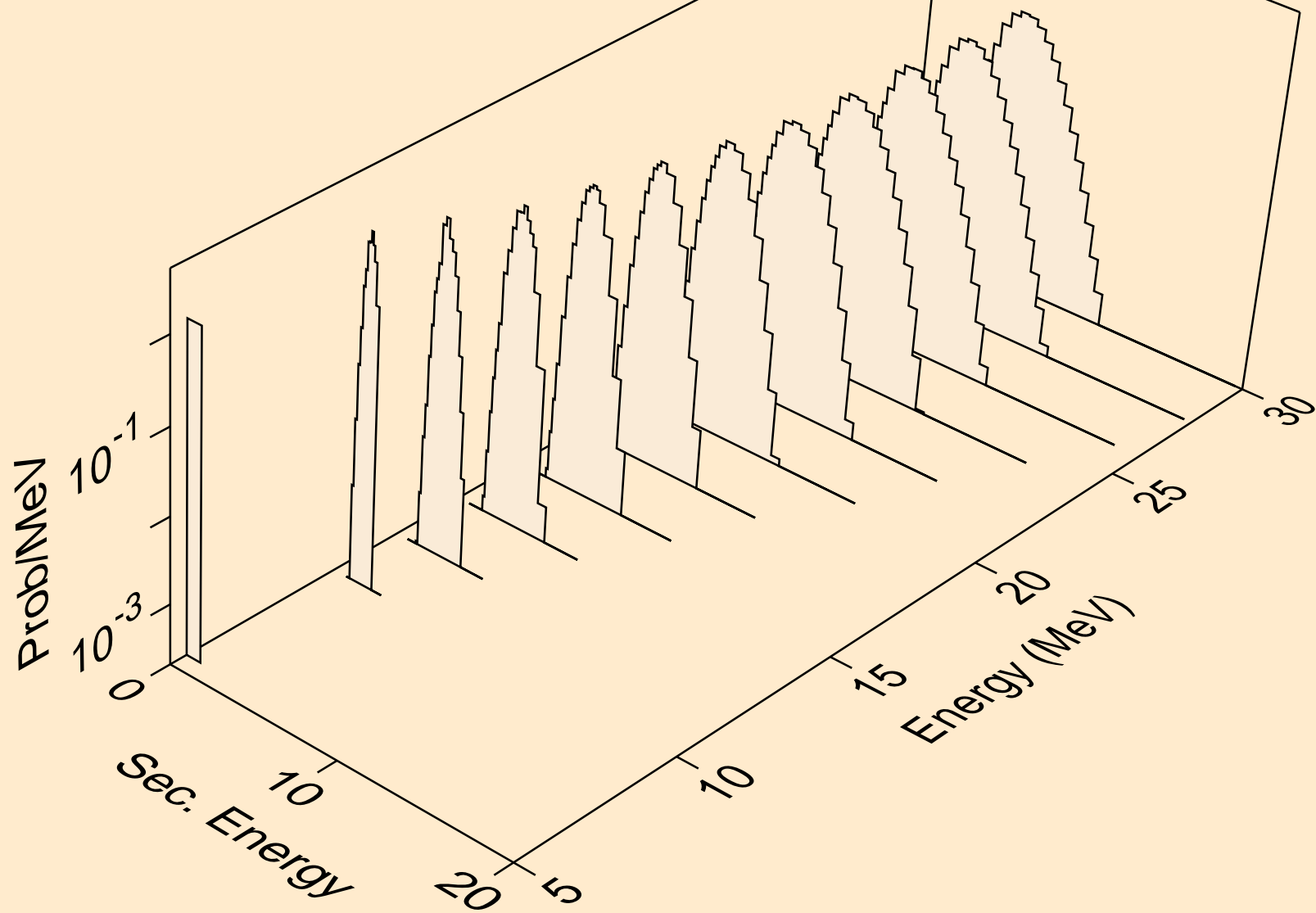
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protons from (n,p)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)

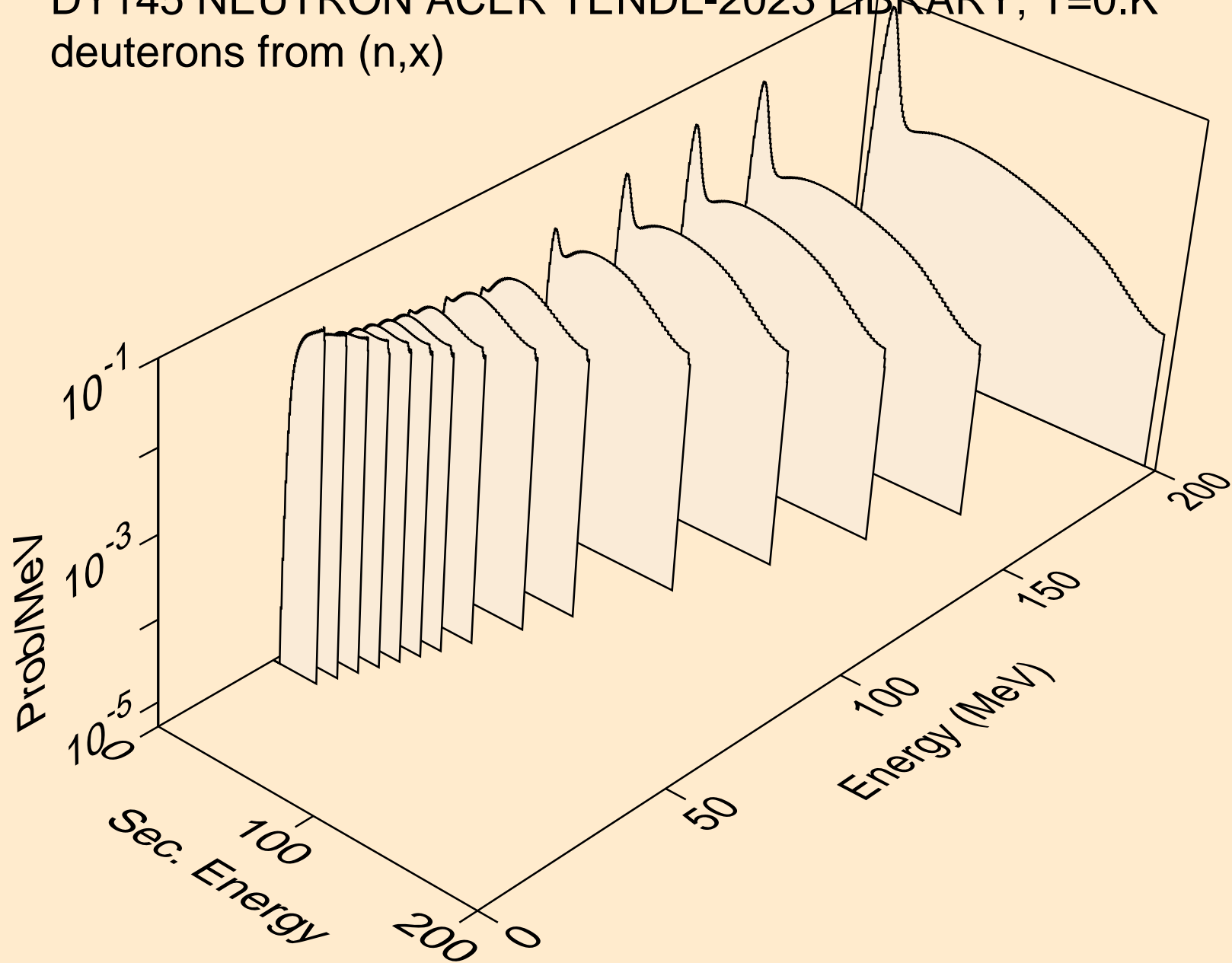


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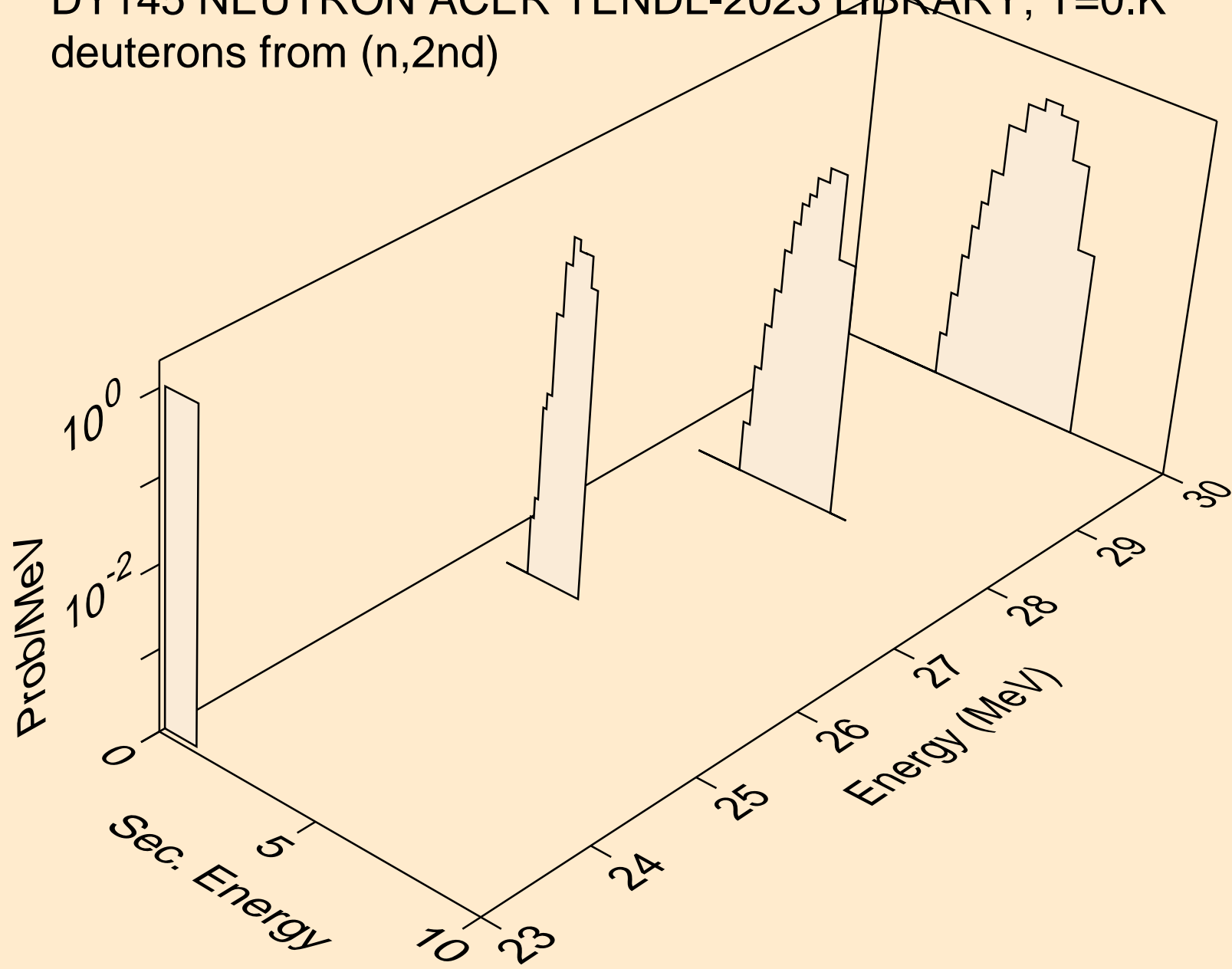




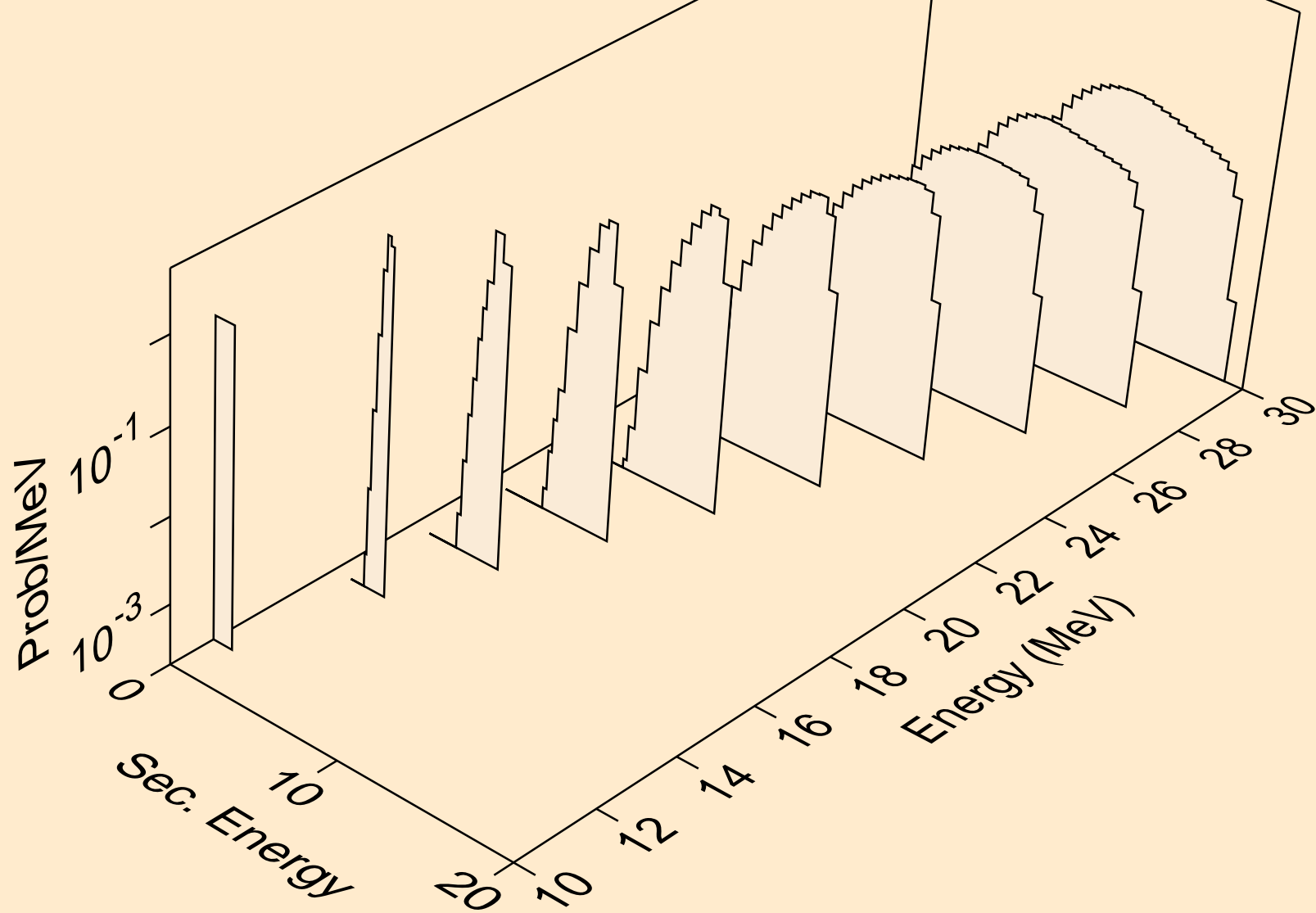
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deuterons from (n,x)



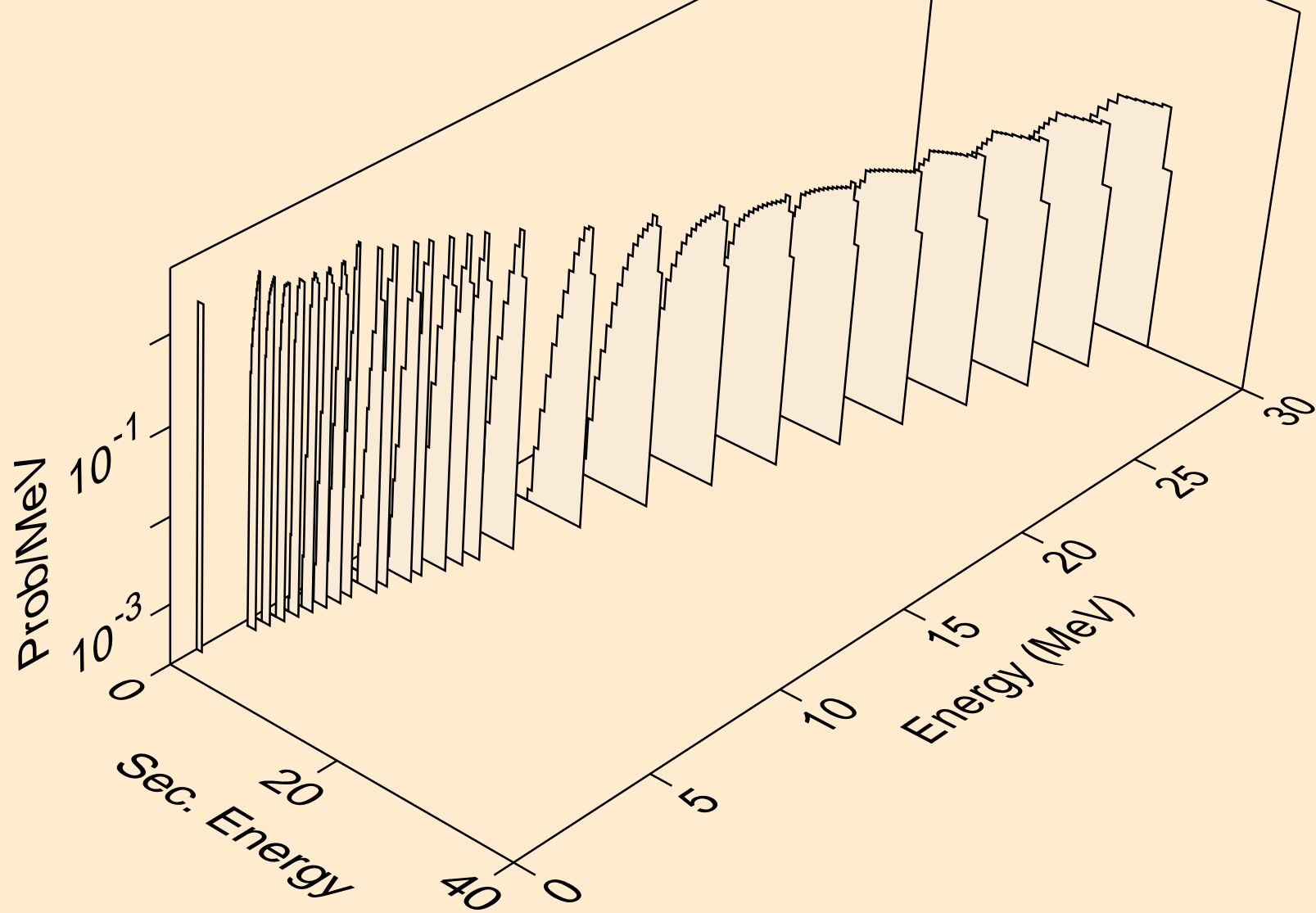
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deuterons from (n,2nd)



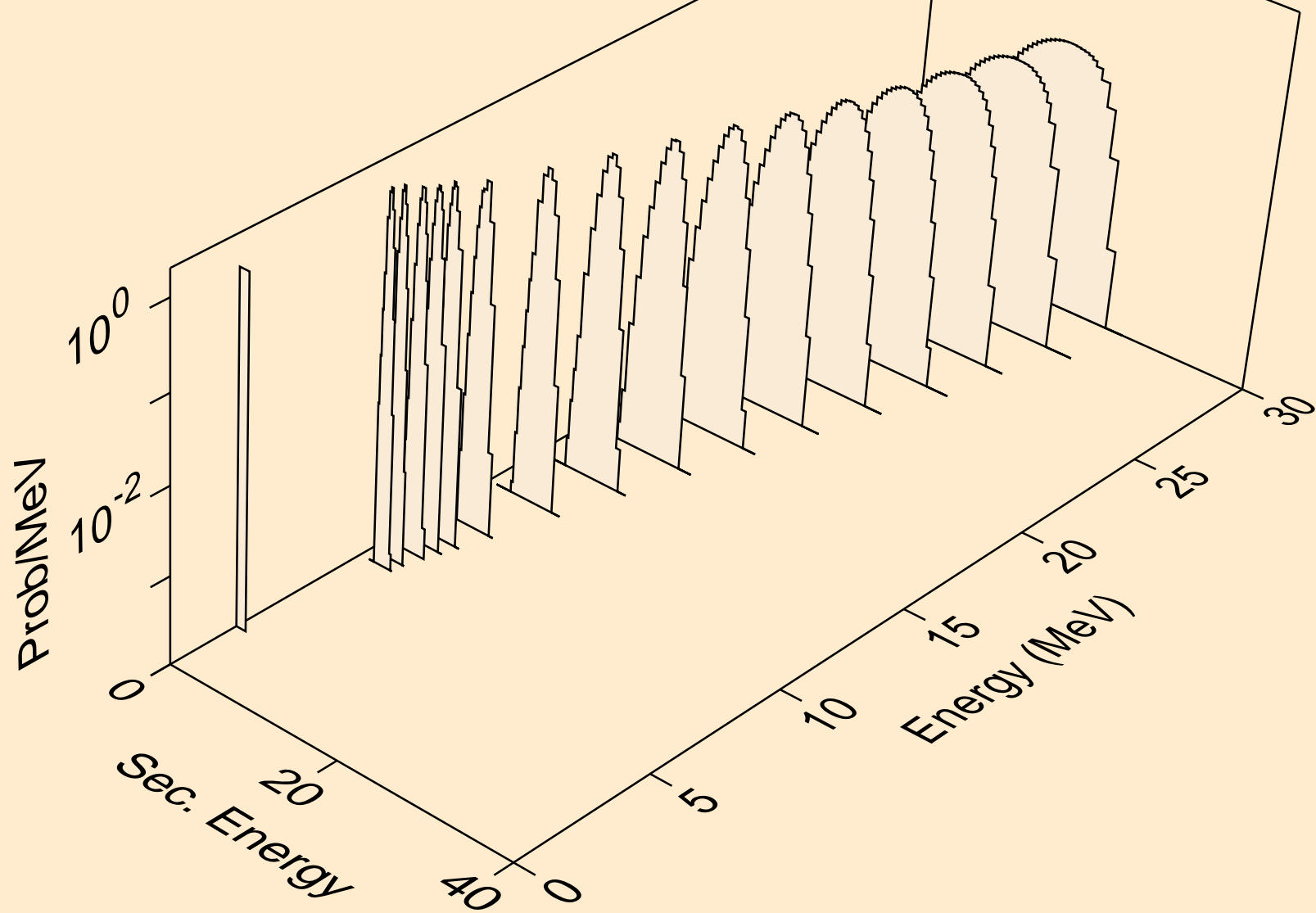
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deuterons from (n,n\*)d



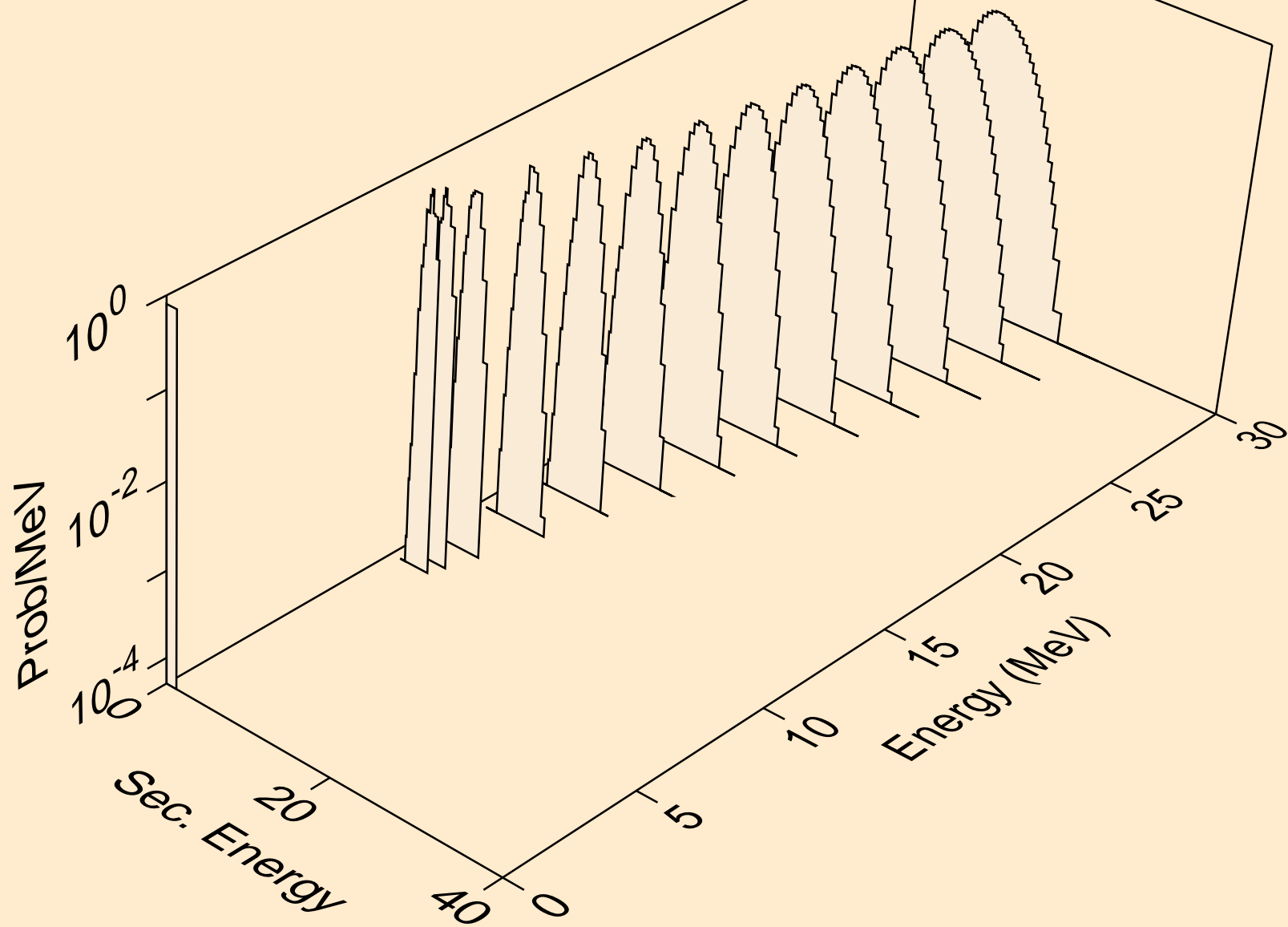
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deuterons from (n,d)



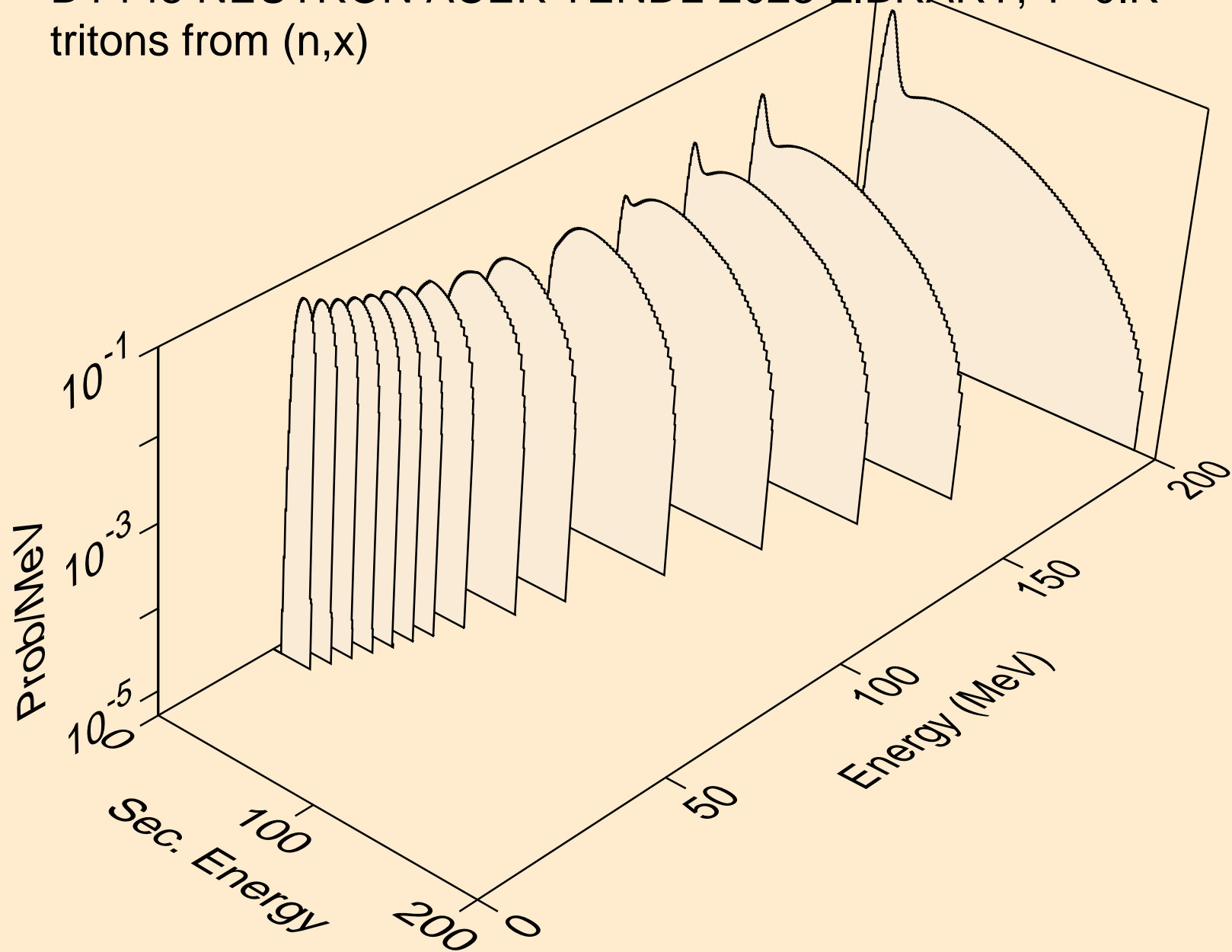
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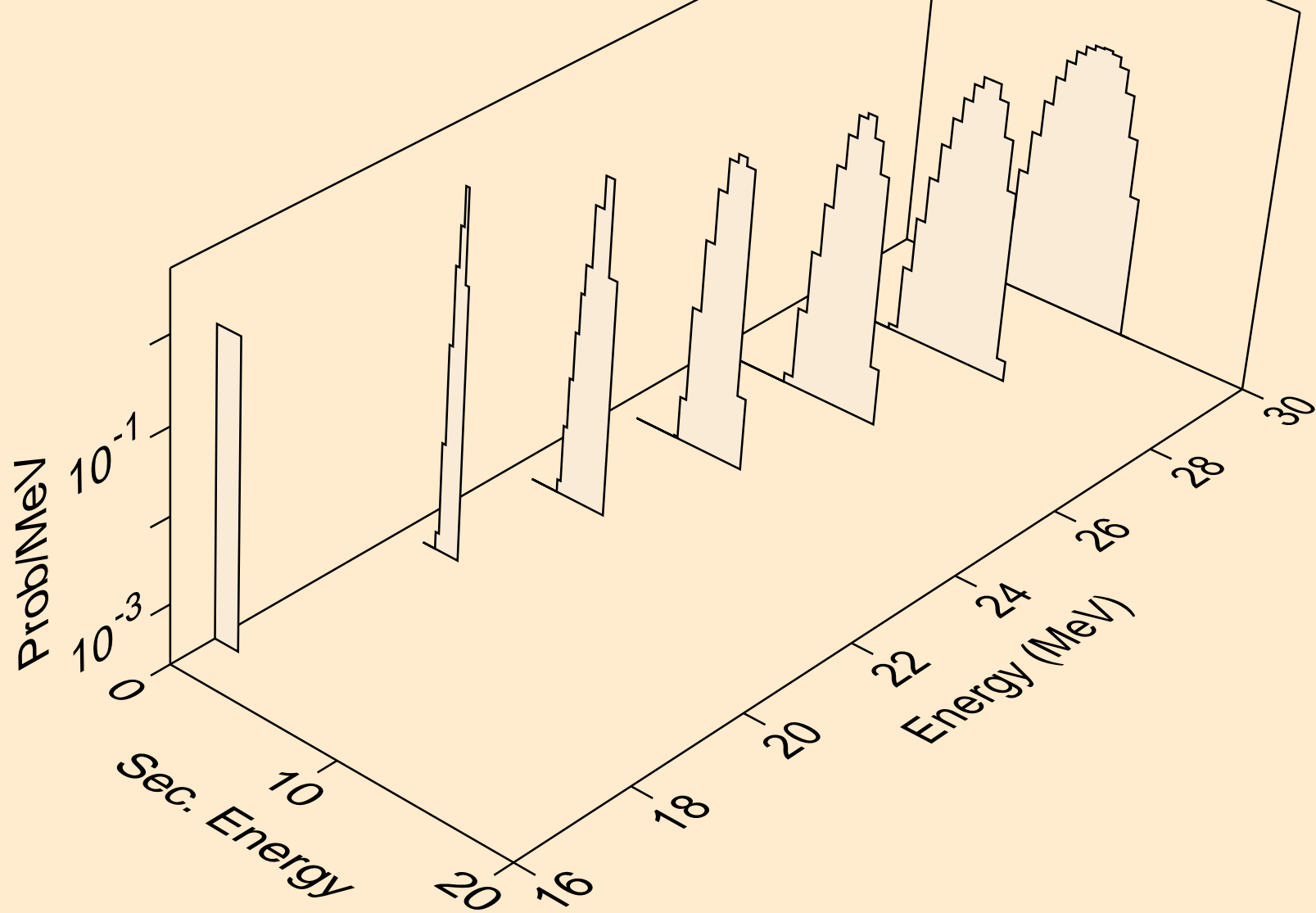
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

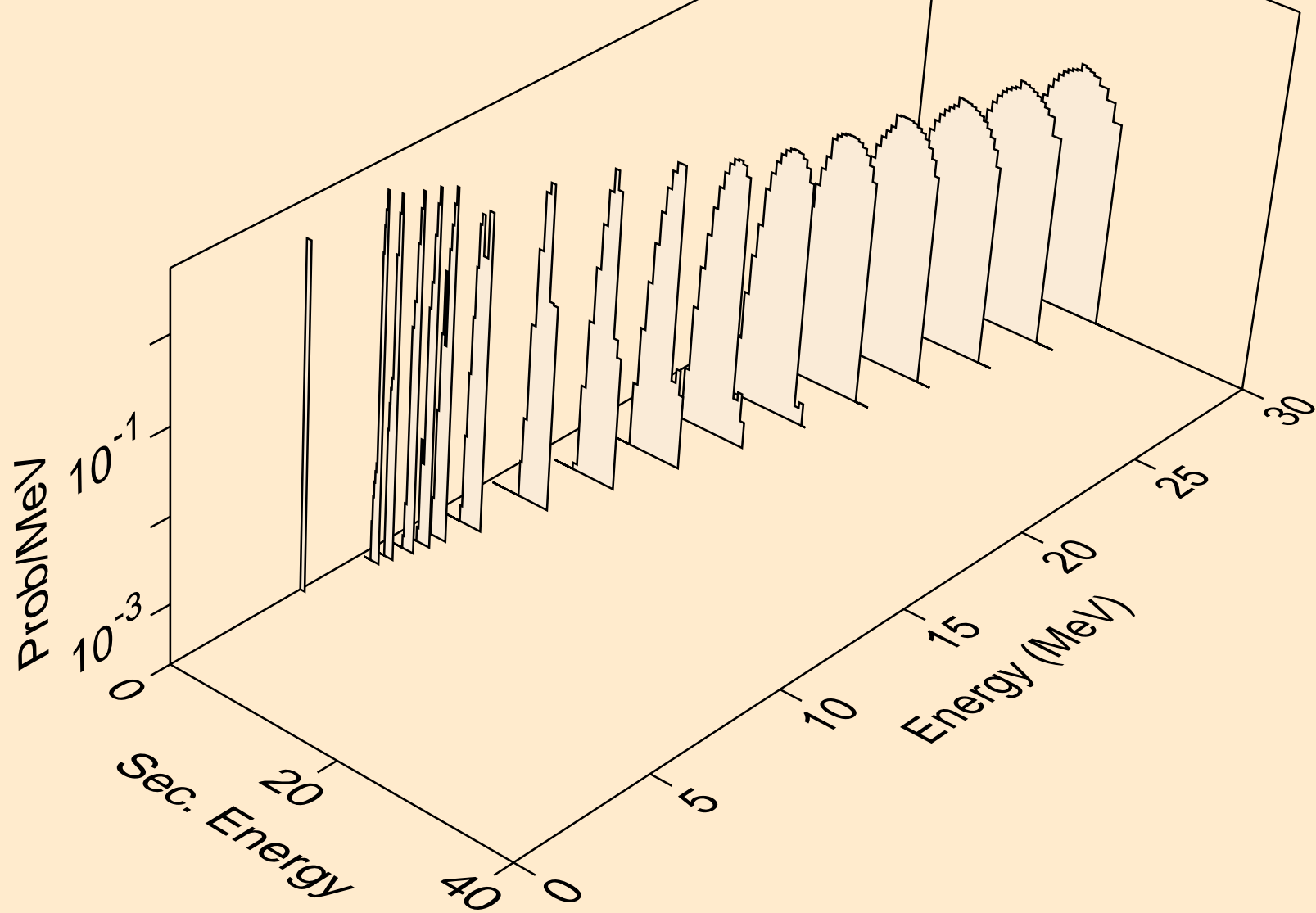


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tritons from (n,n\*)t

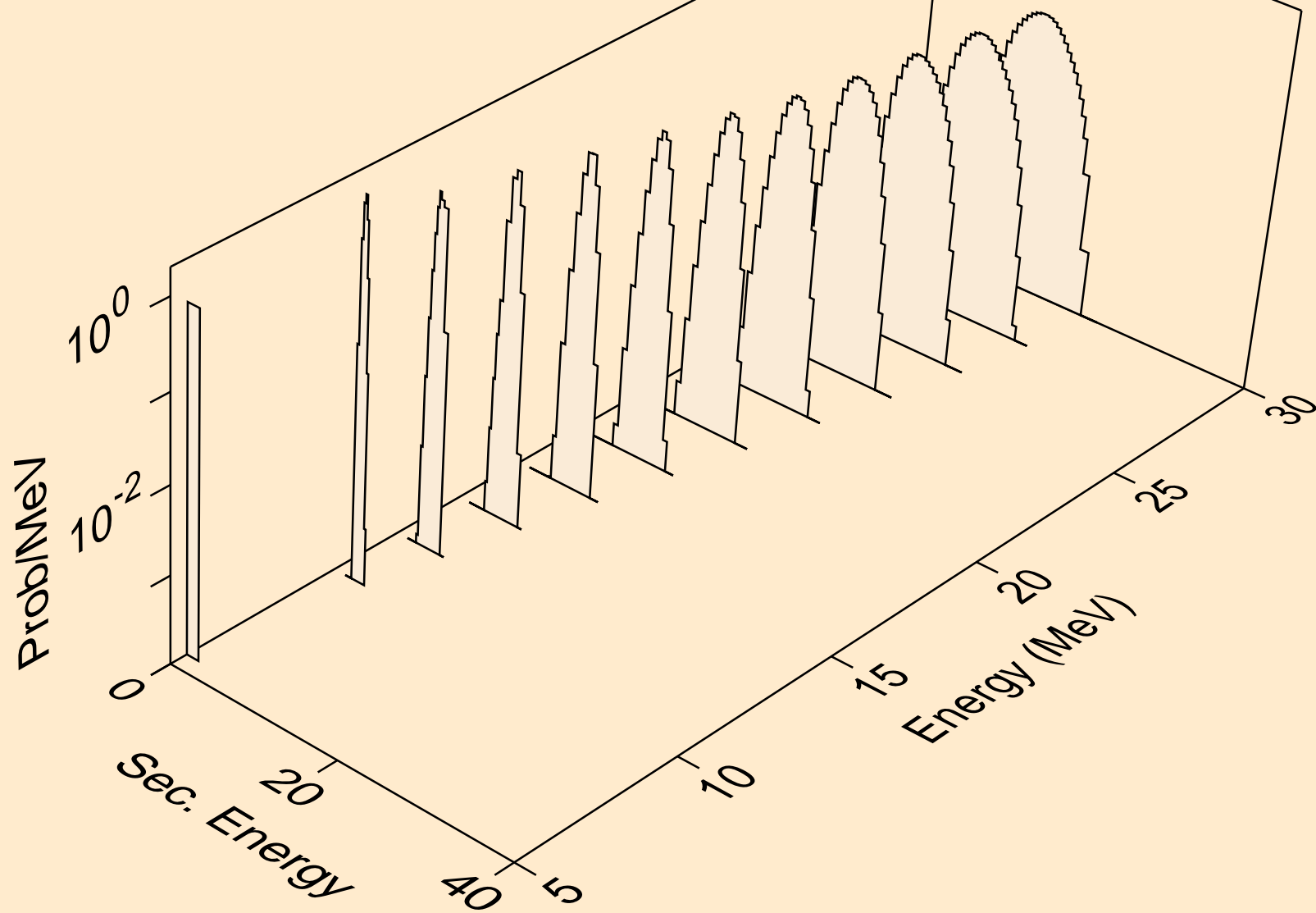




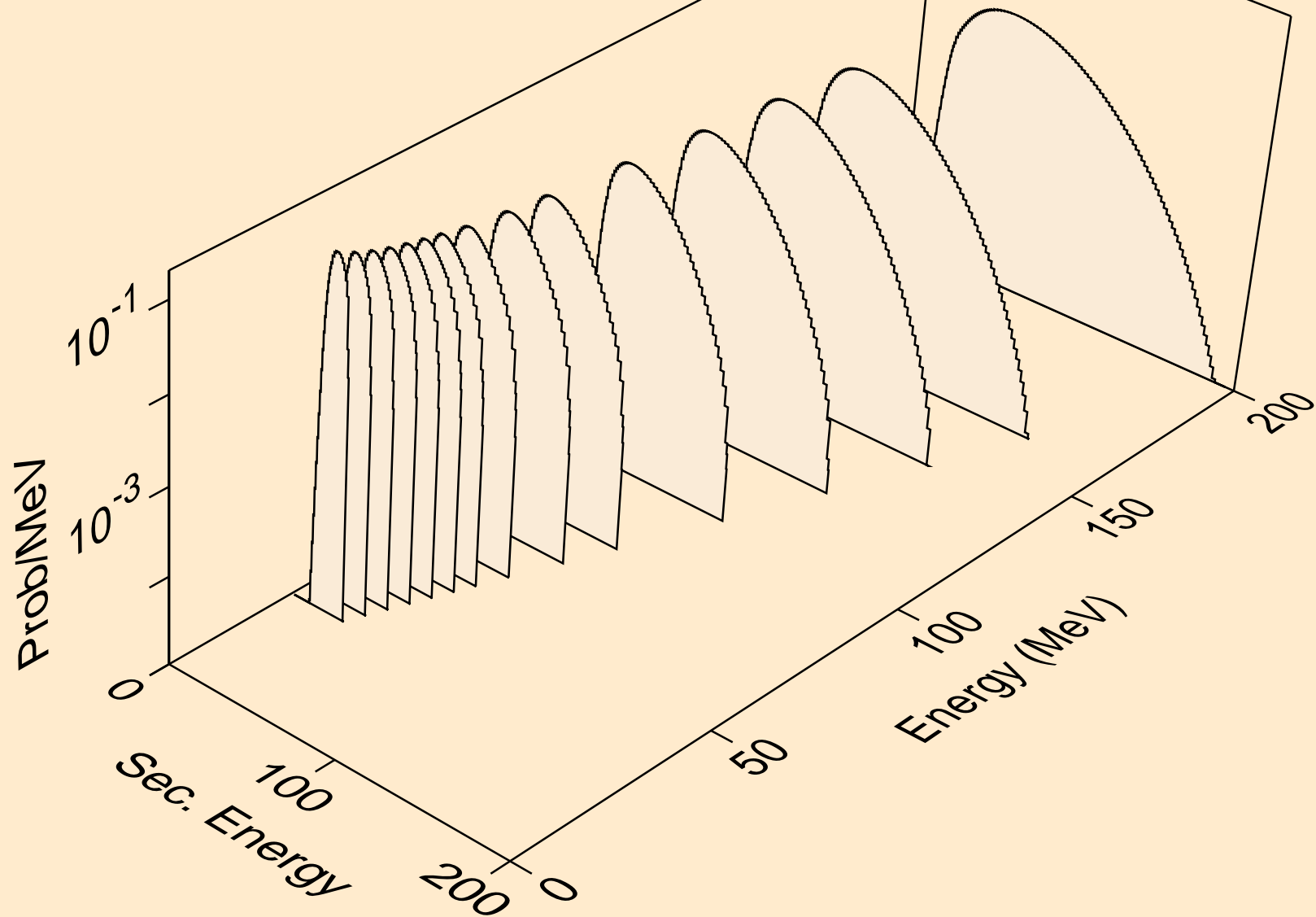
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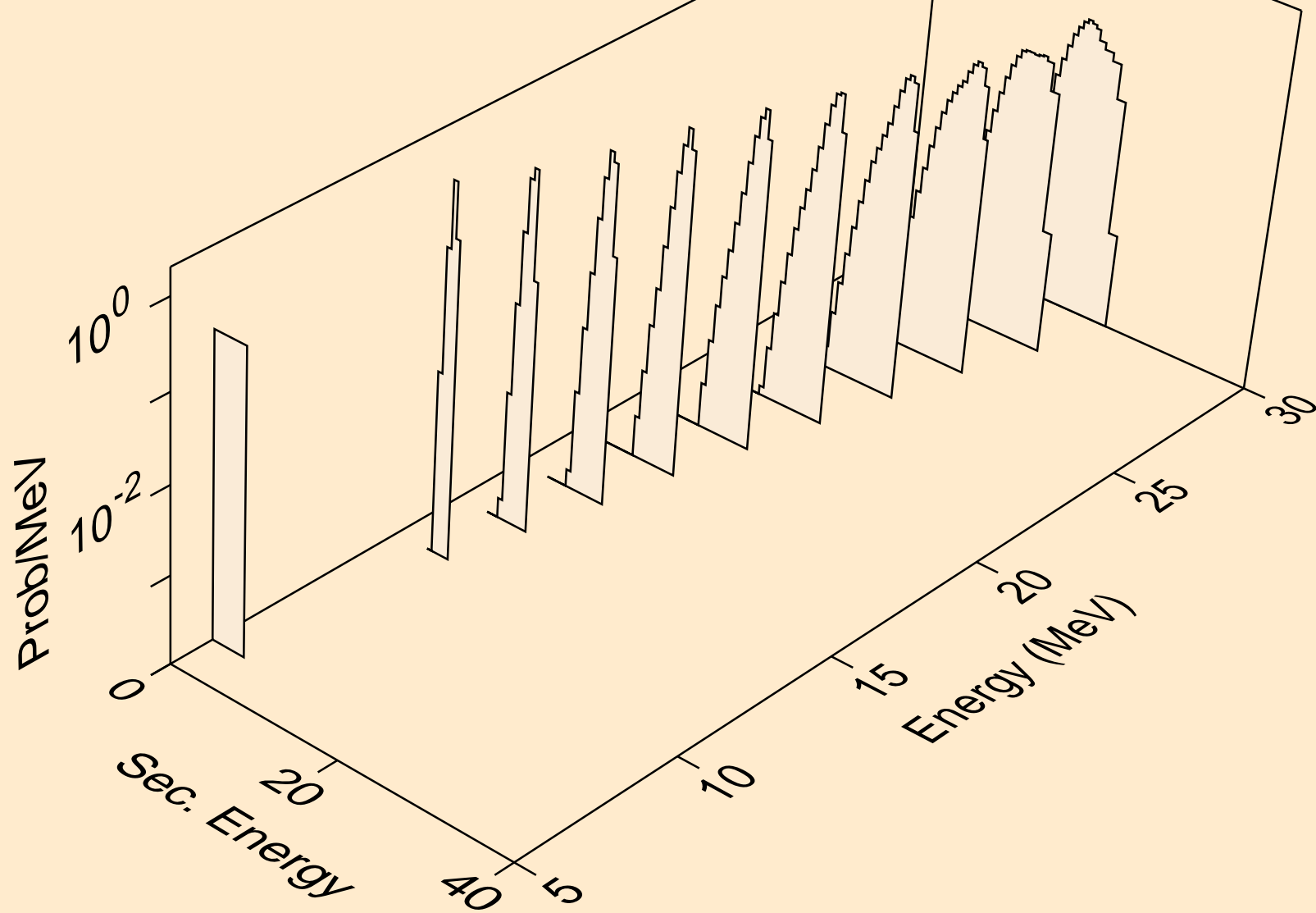
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tritons from (n,pt)



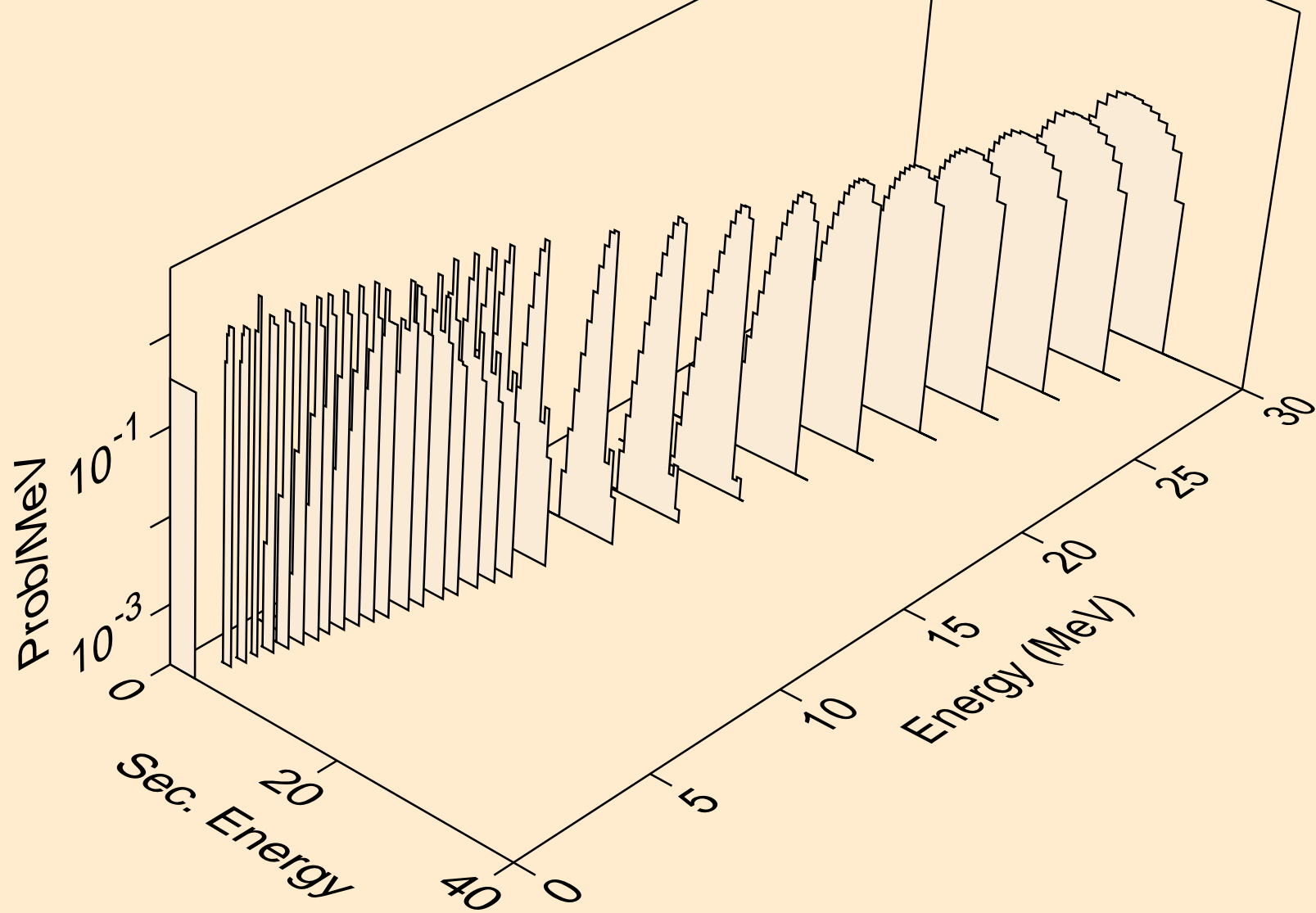
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he3s from (n,x)



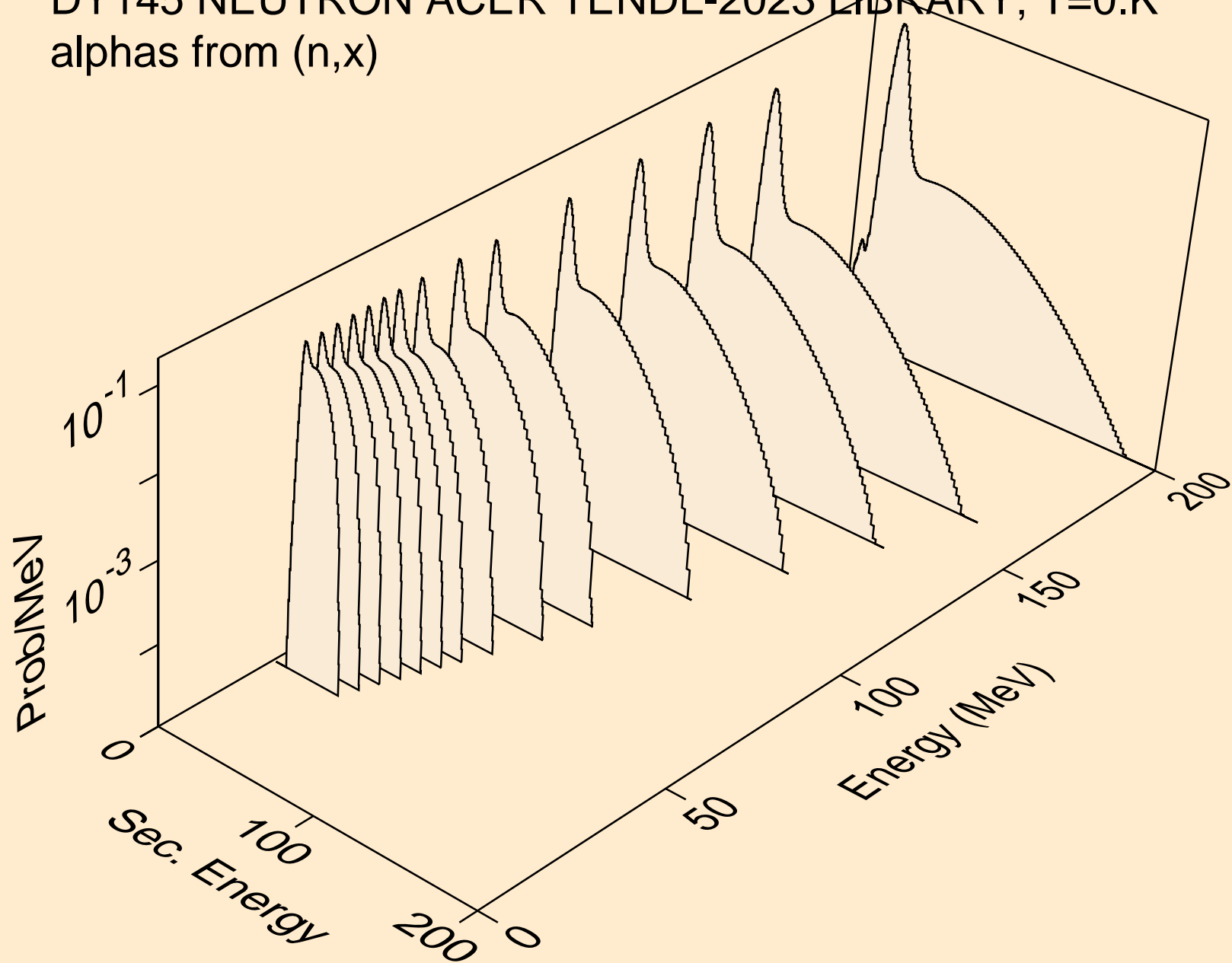
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he3s from (n,n\*)he3



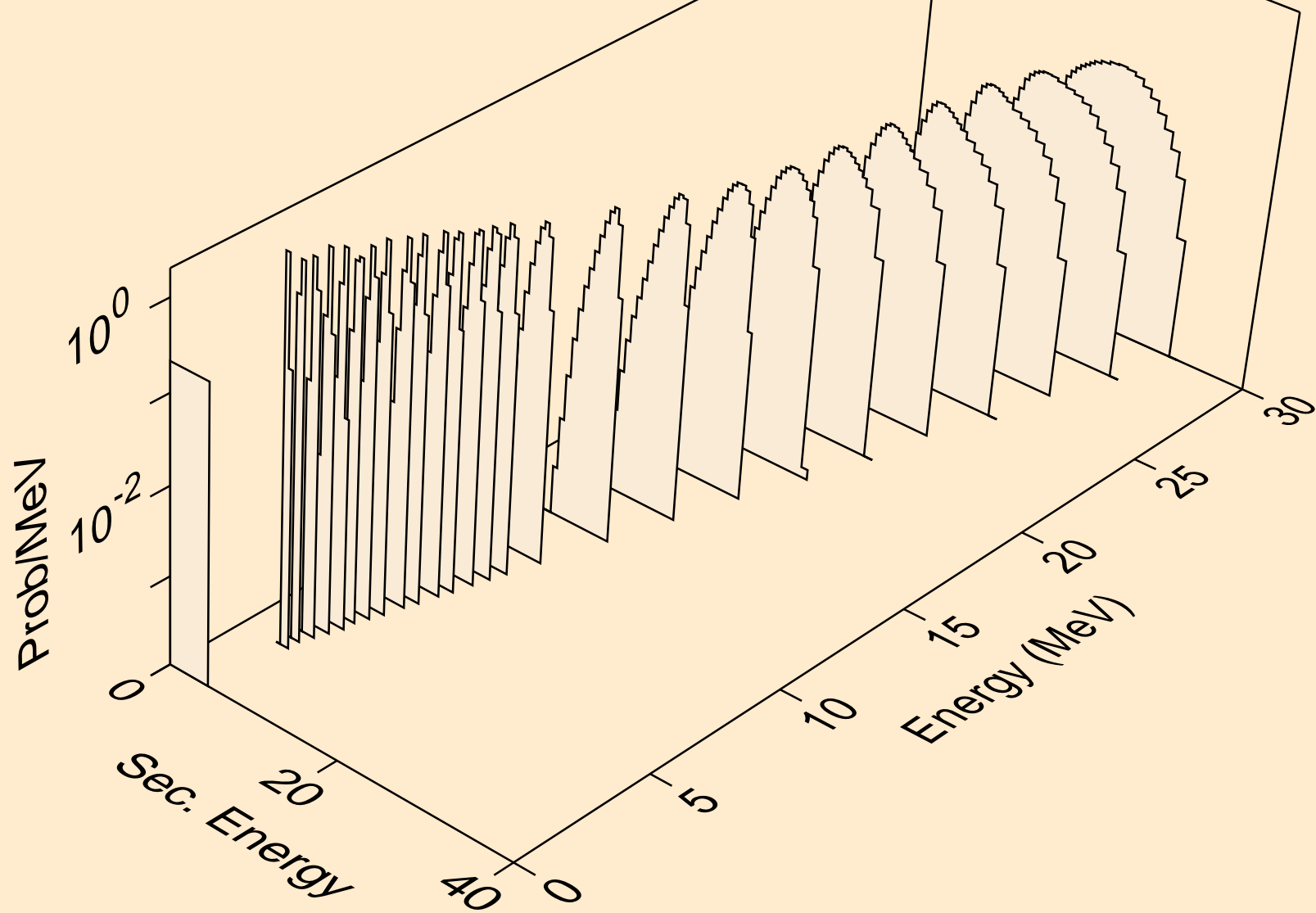
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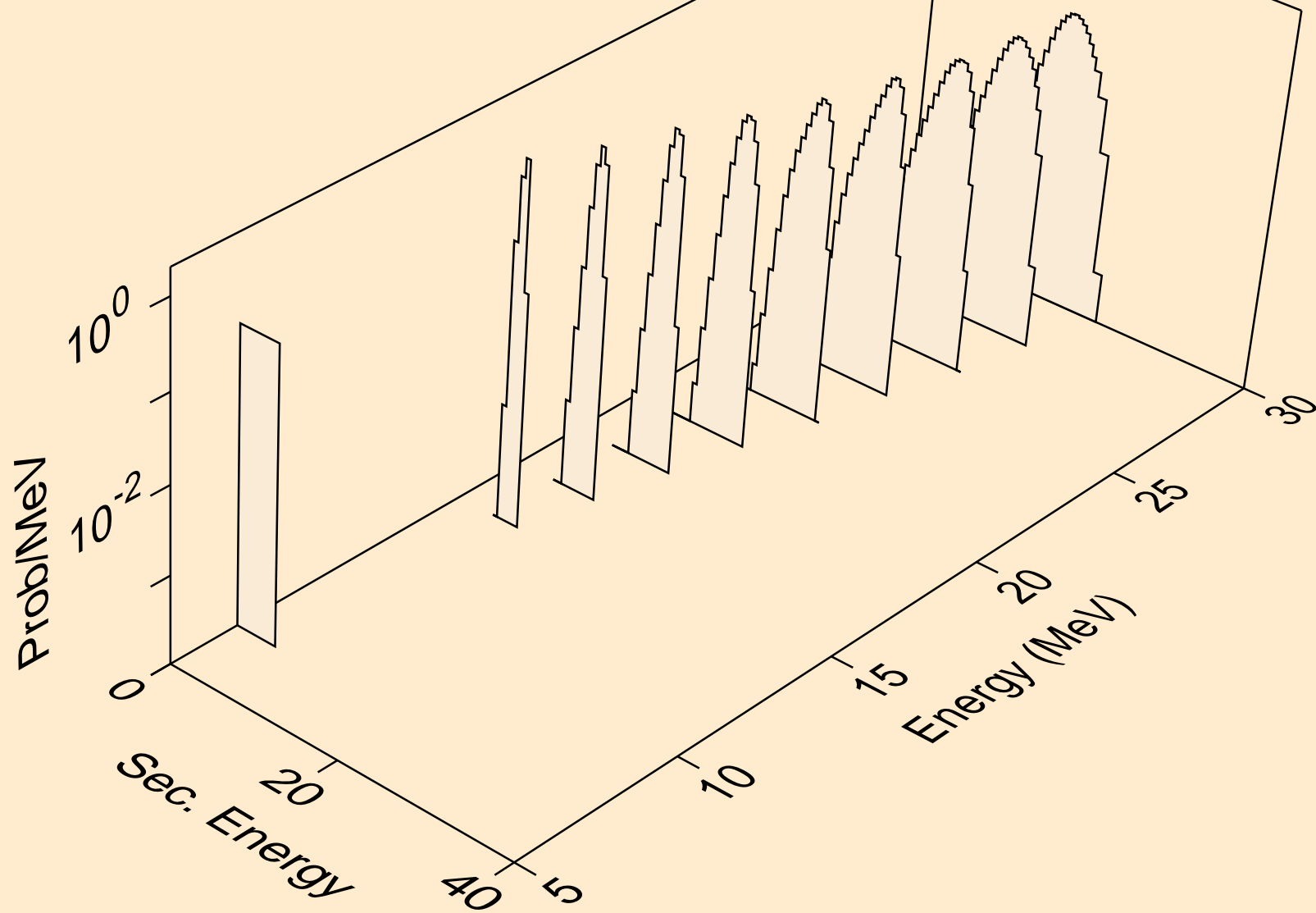
DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

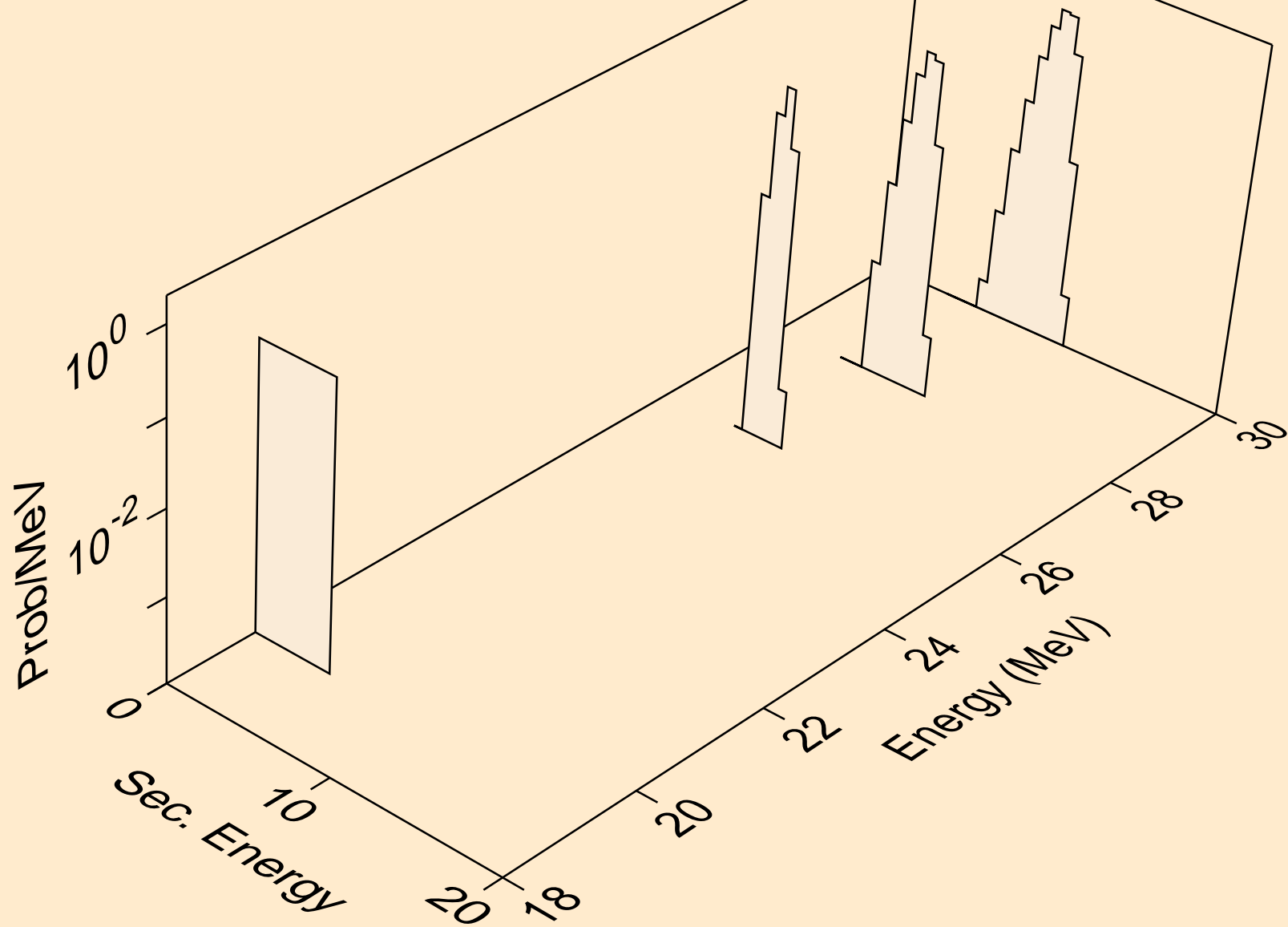


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alphas from (n,2n)a

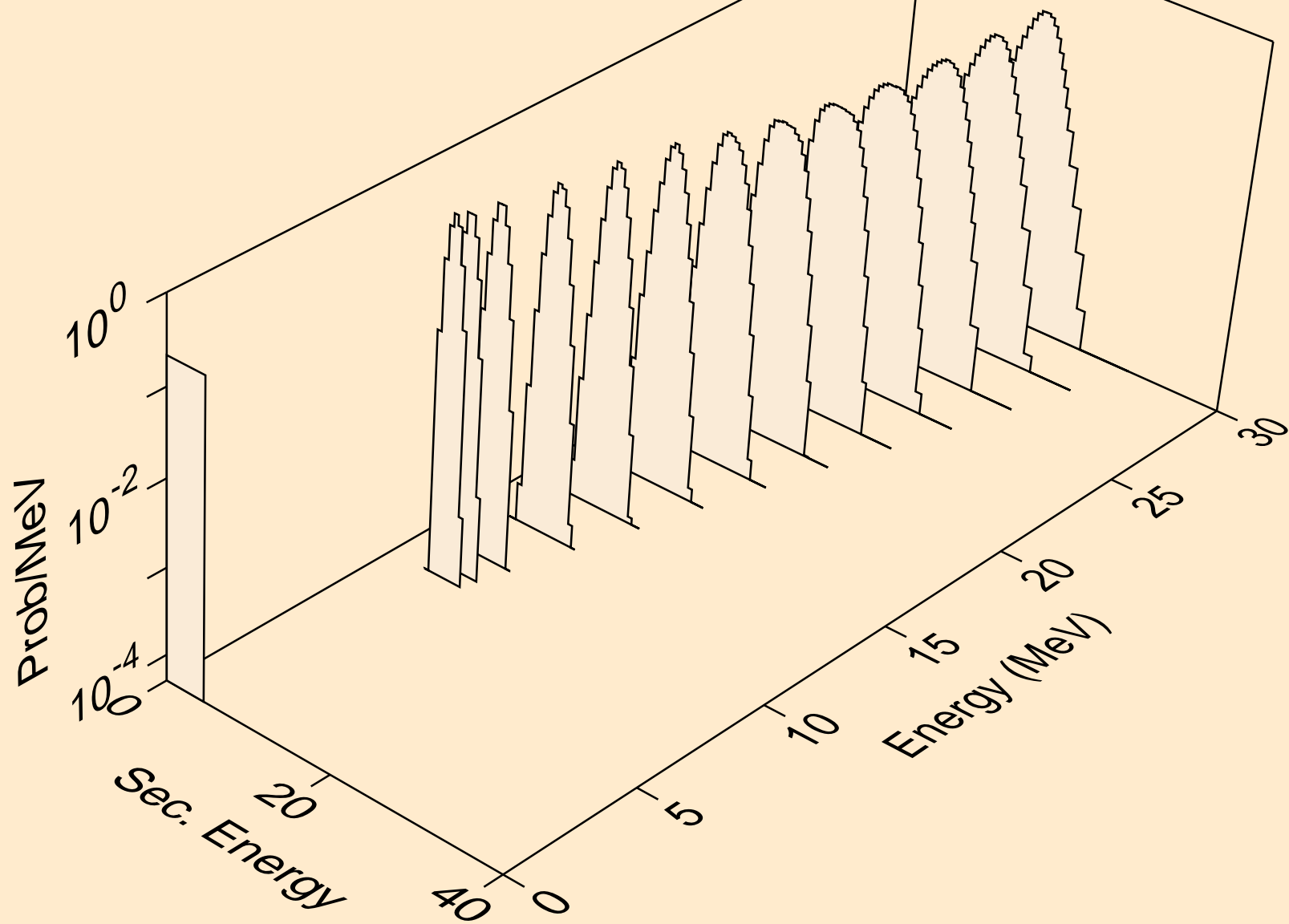




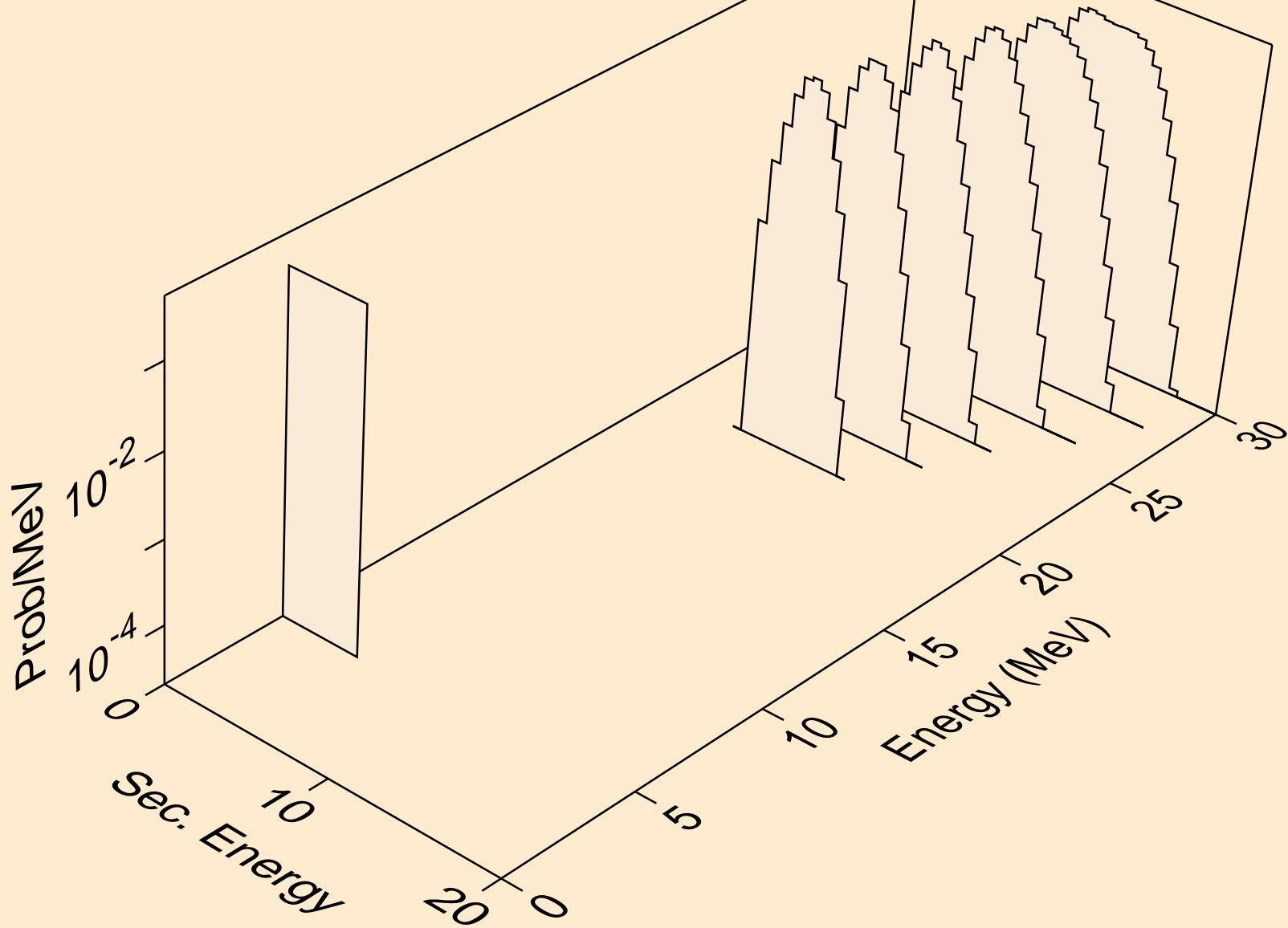
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alphas from (n,3n)a



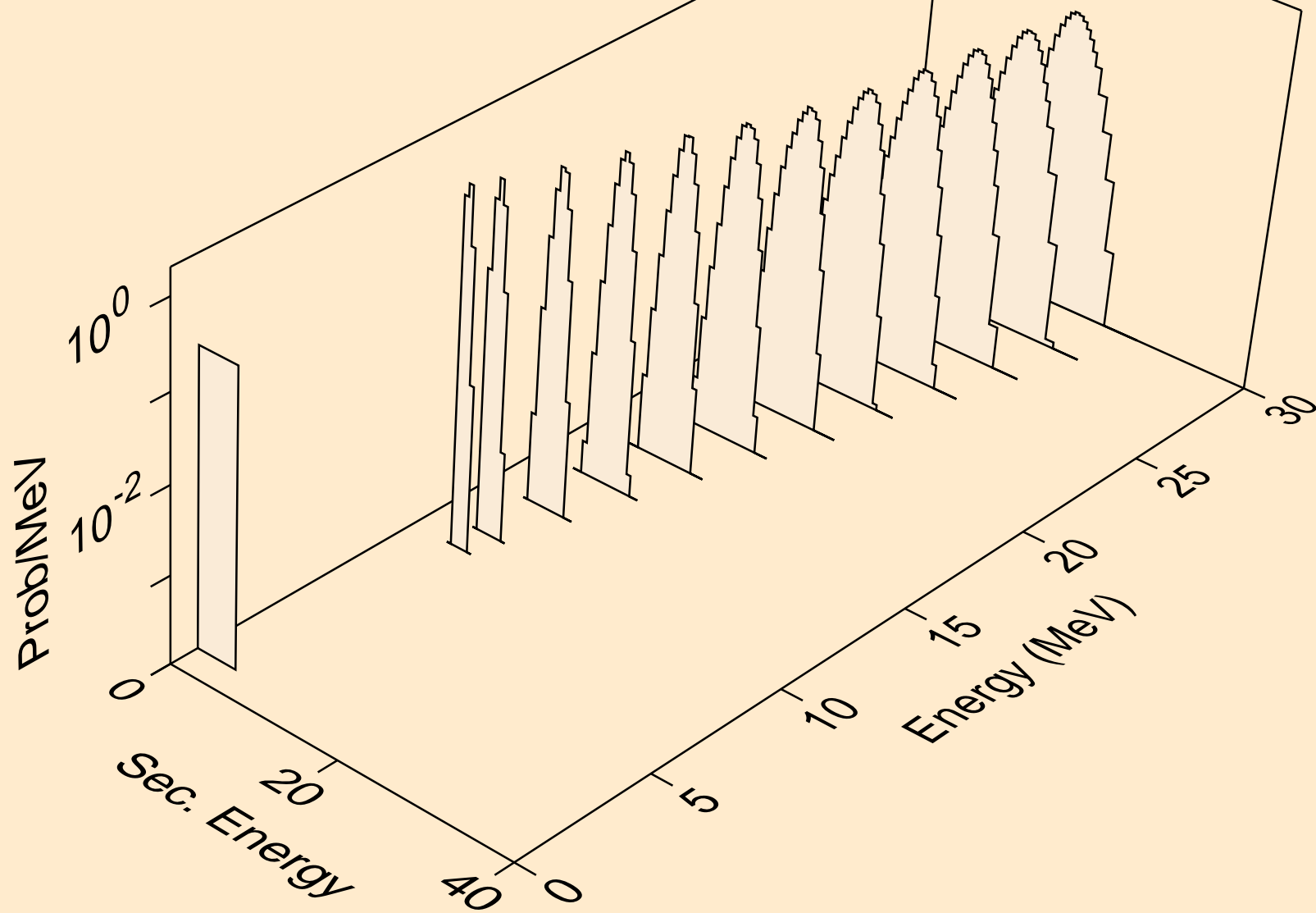
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alphas from (n,n\*)2a



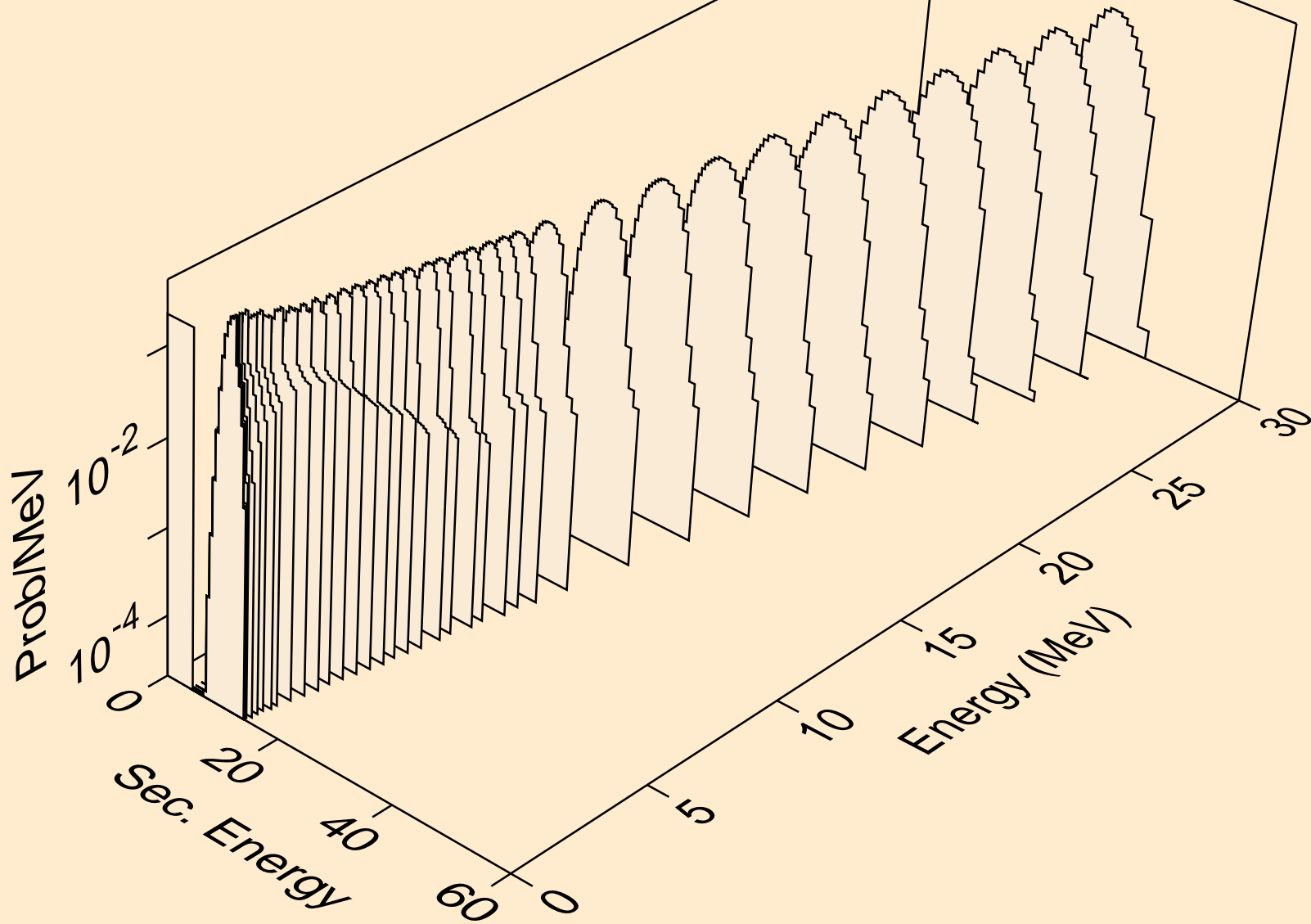
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alphas from (n,2n)2a



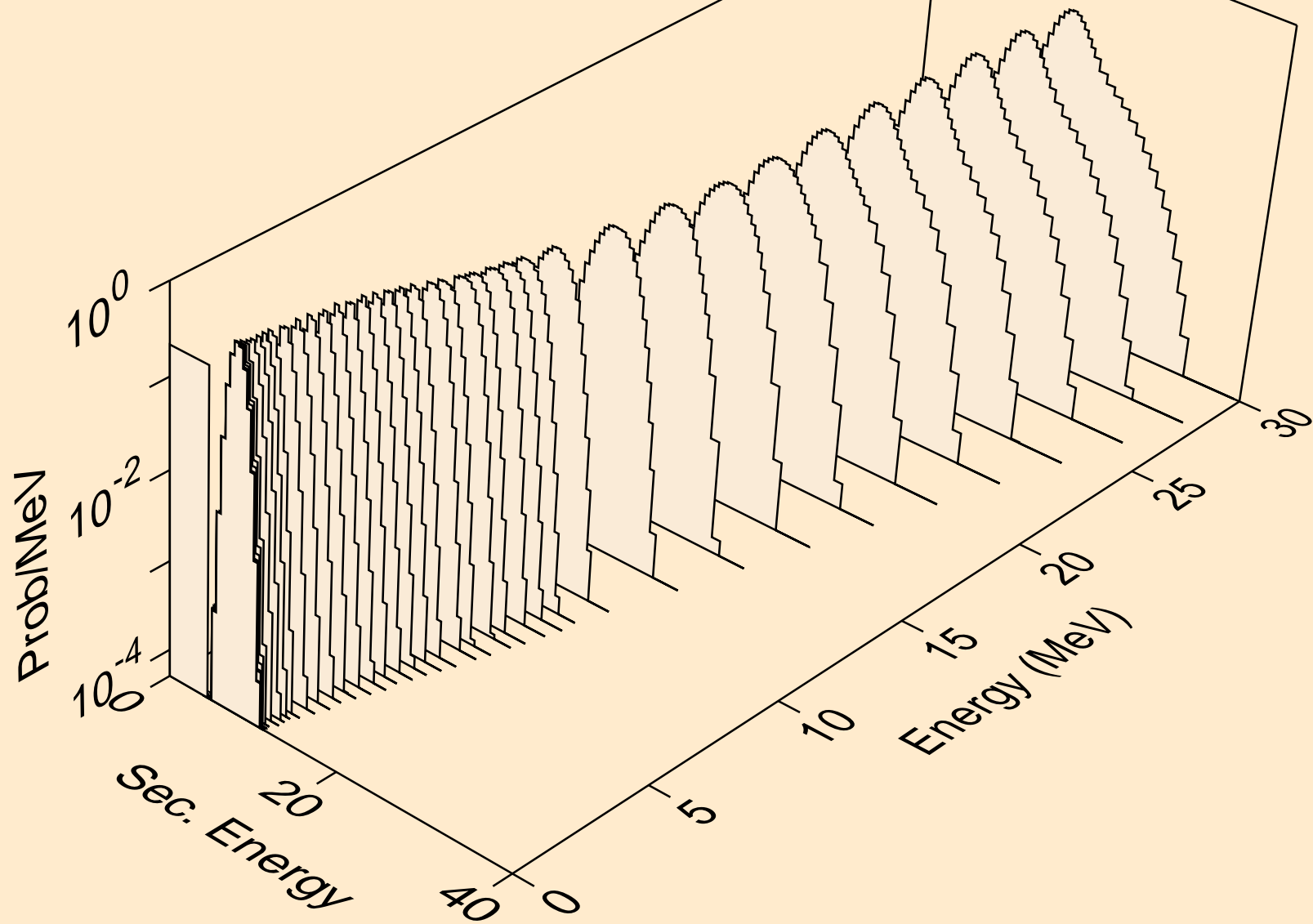
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alphas from (n,npa)



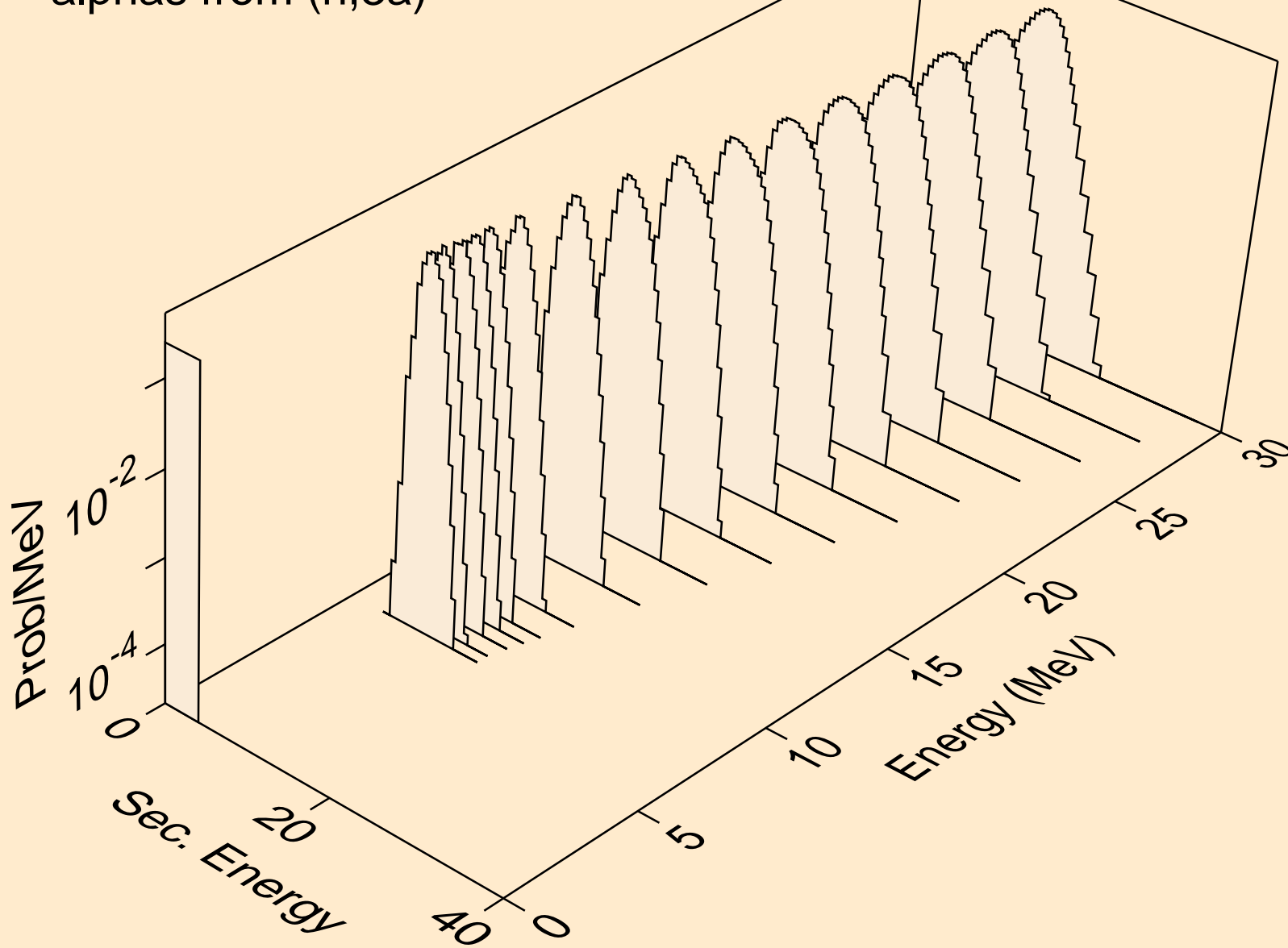
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alphas from (n,a)



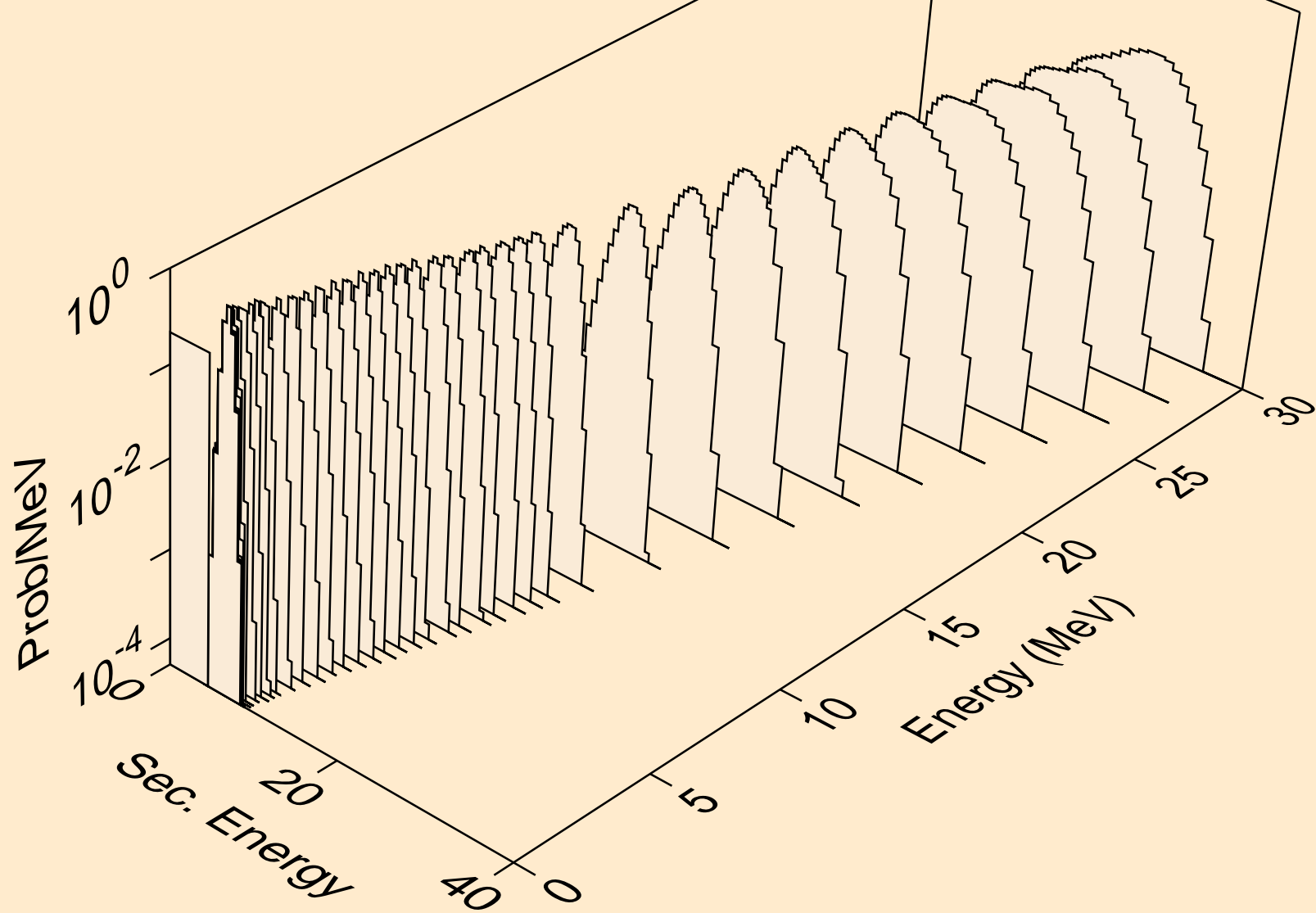
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alphas from (n,2a)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)





DY145 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

