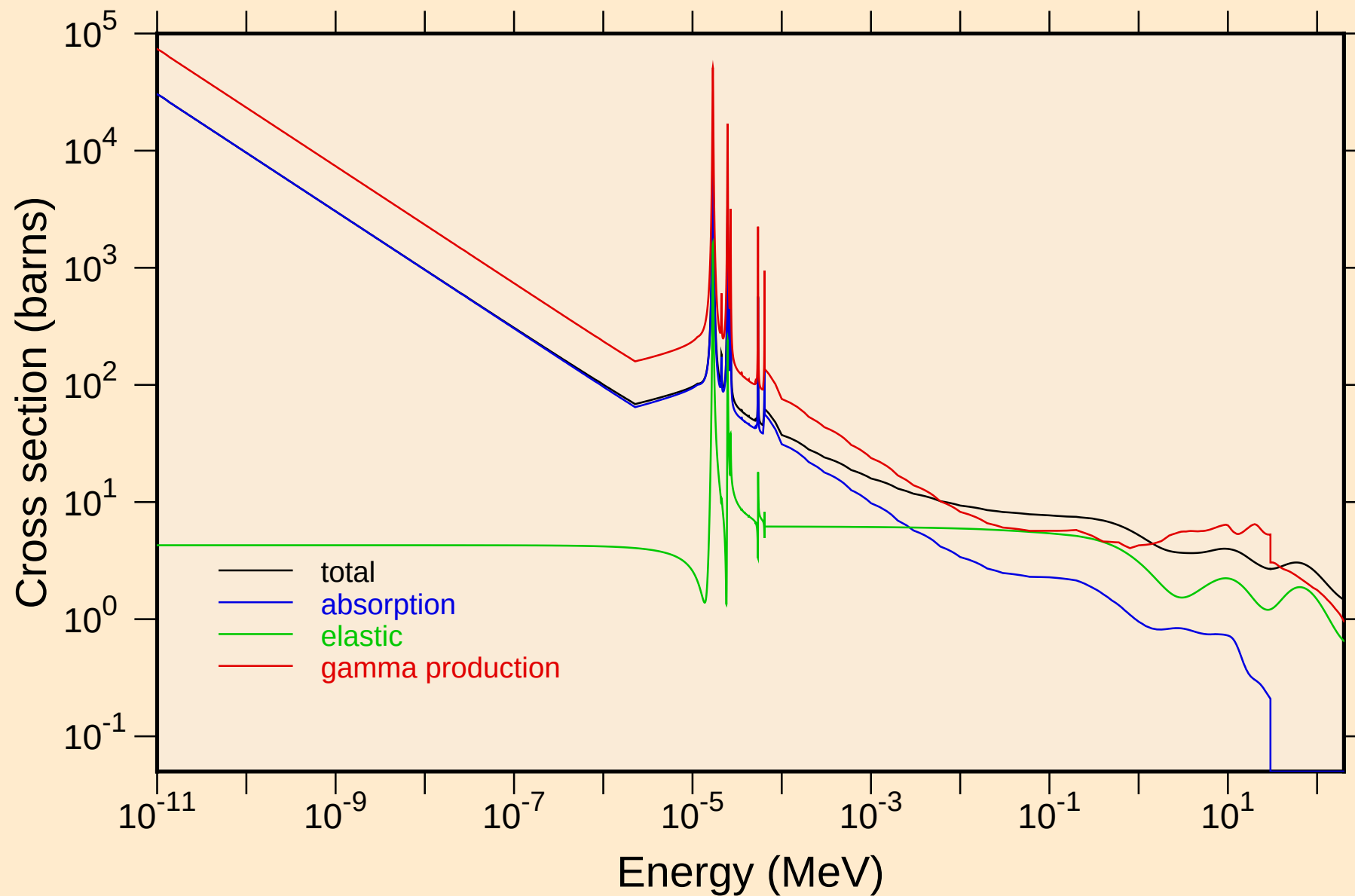
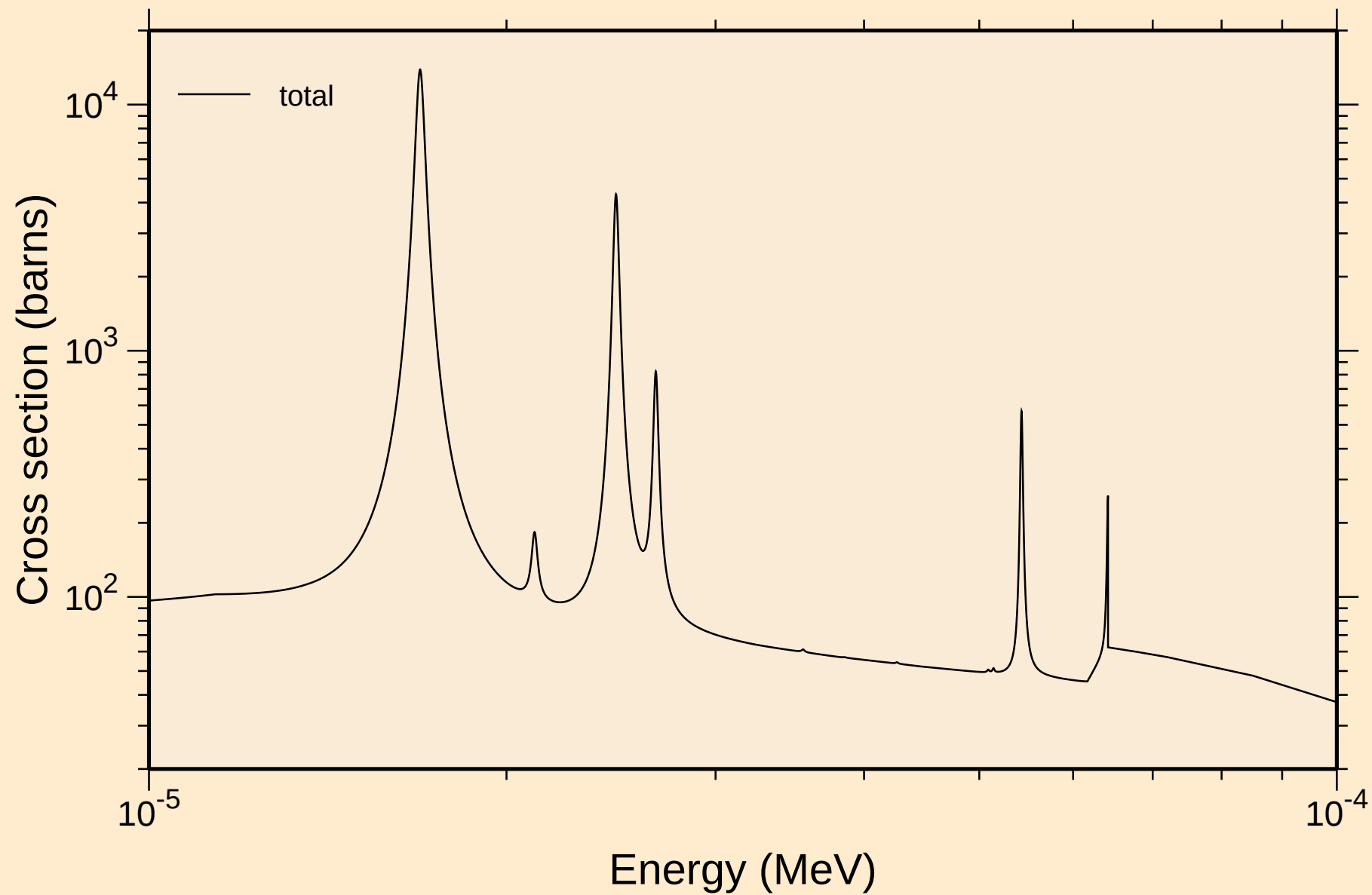


# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

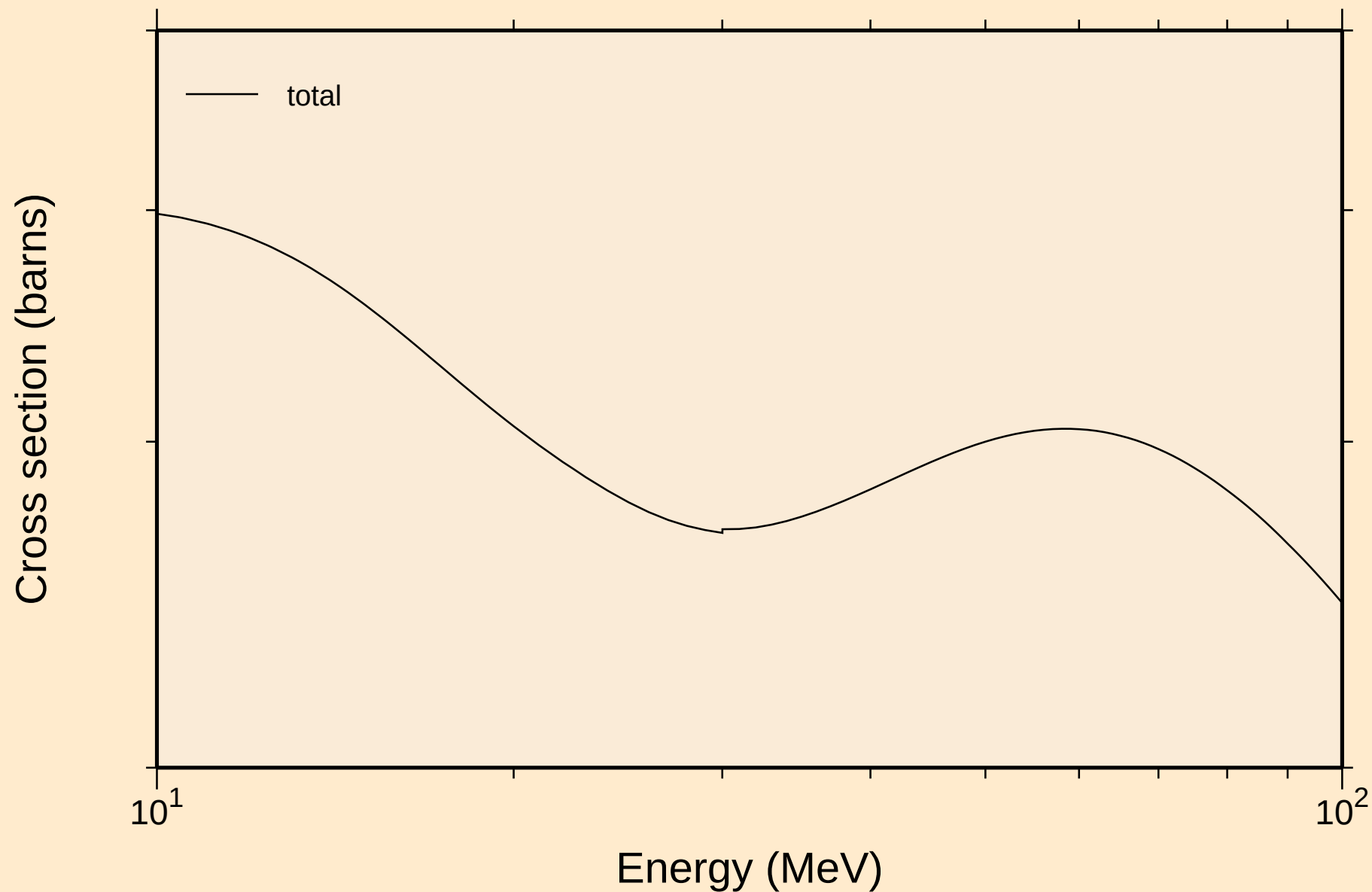
## Principal cross sections



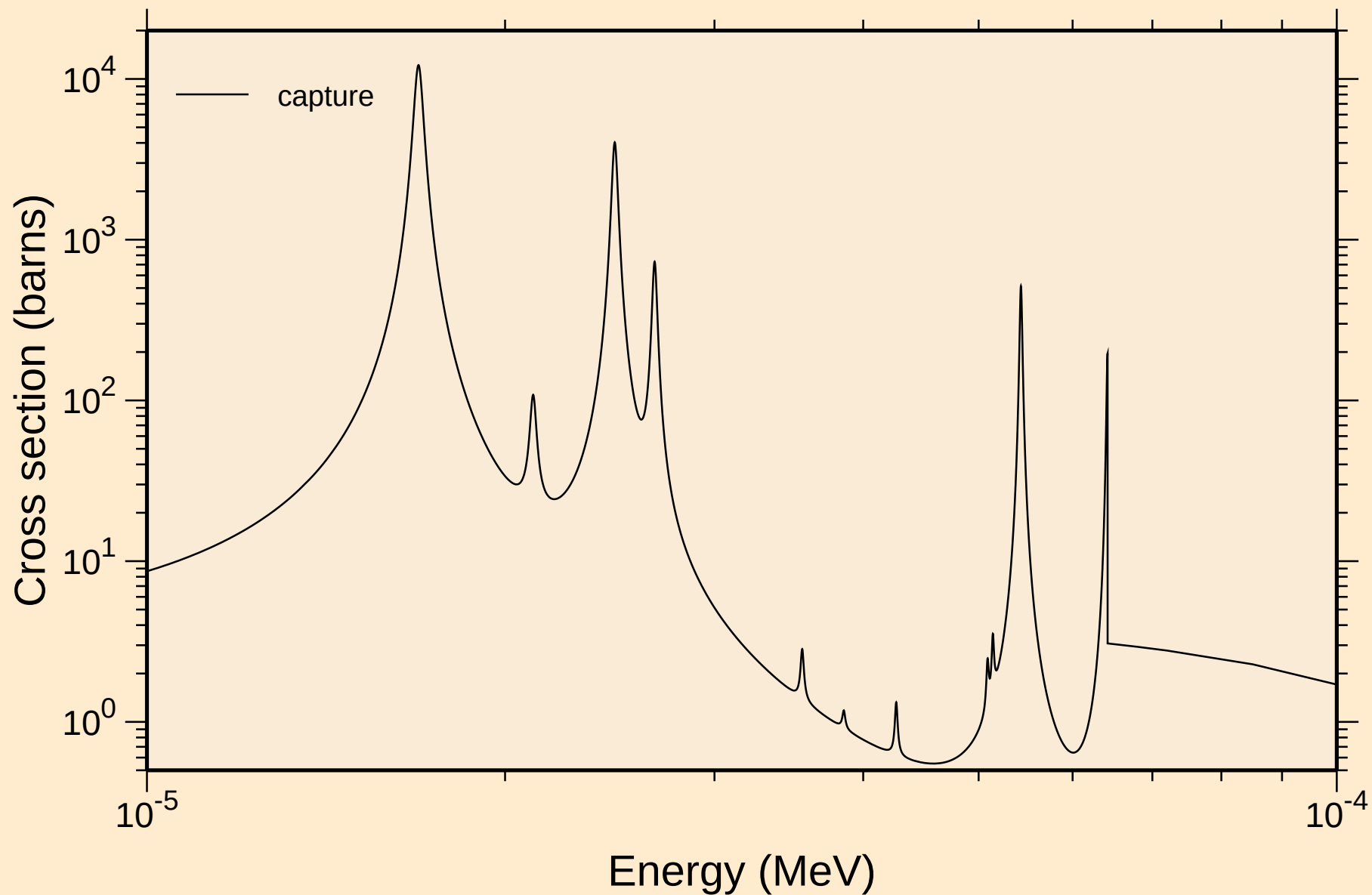
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



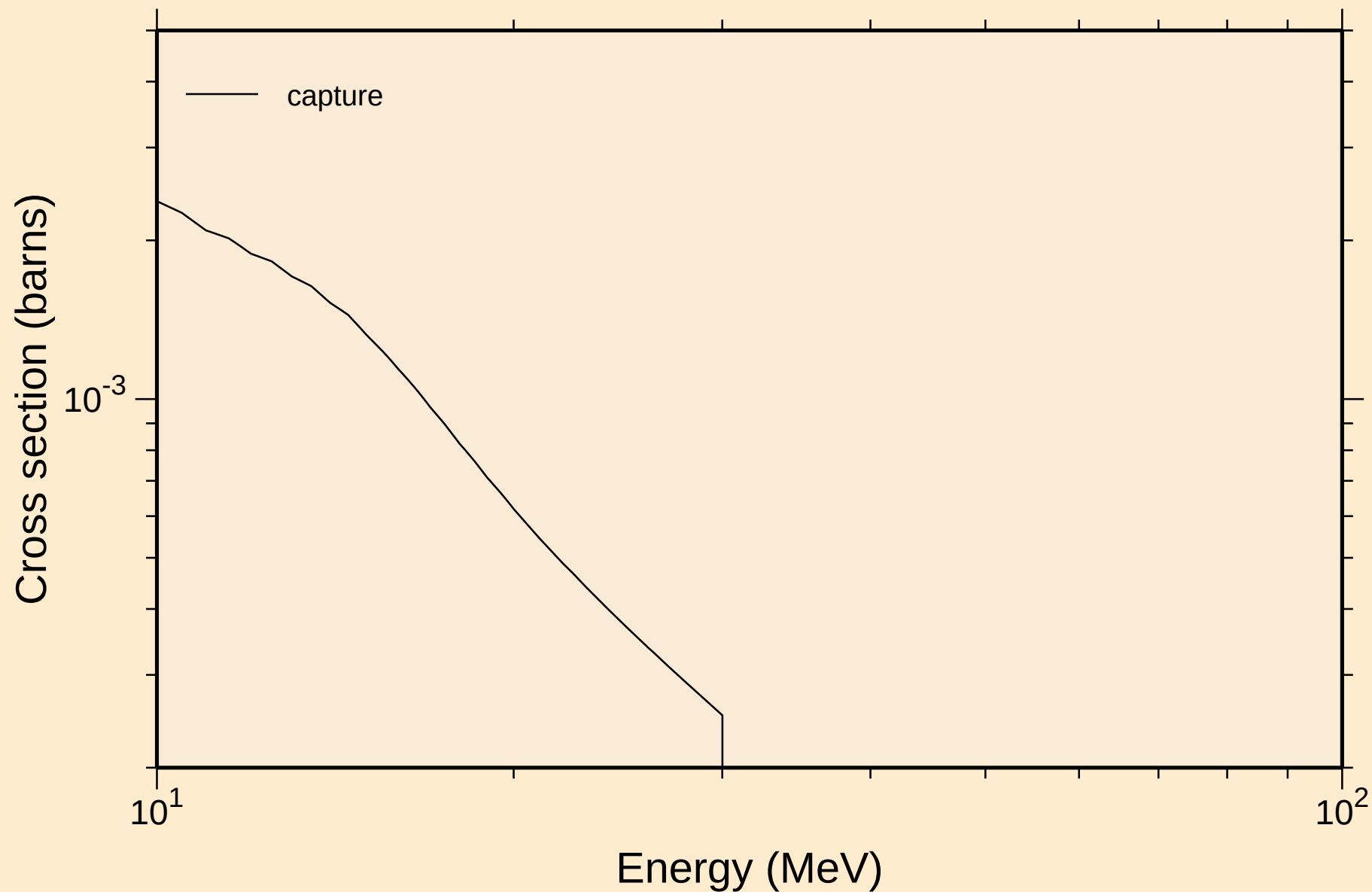
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

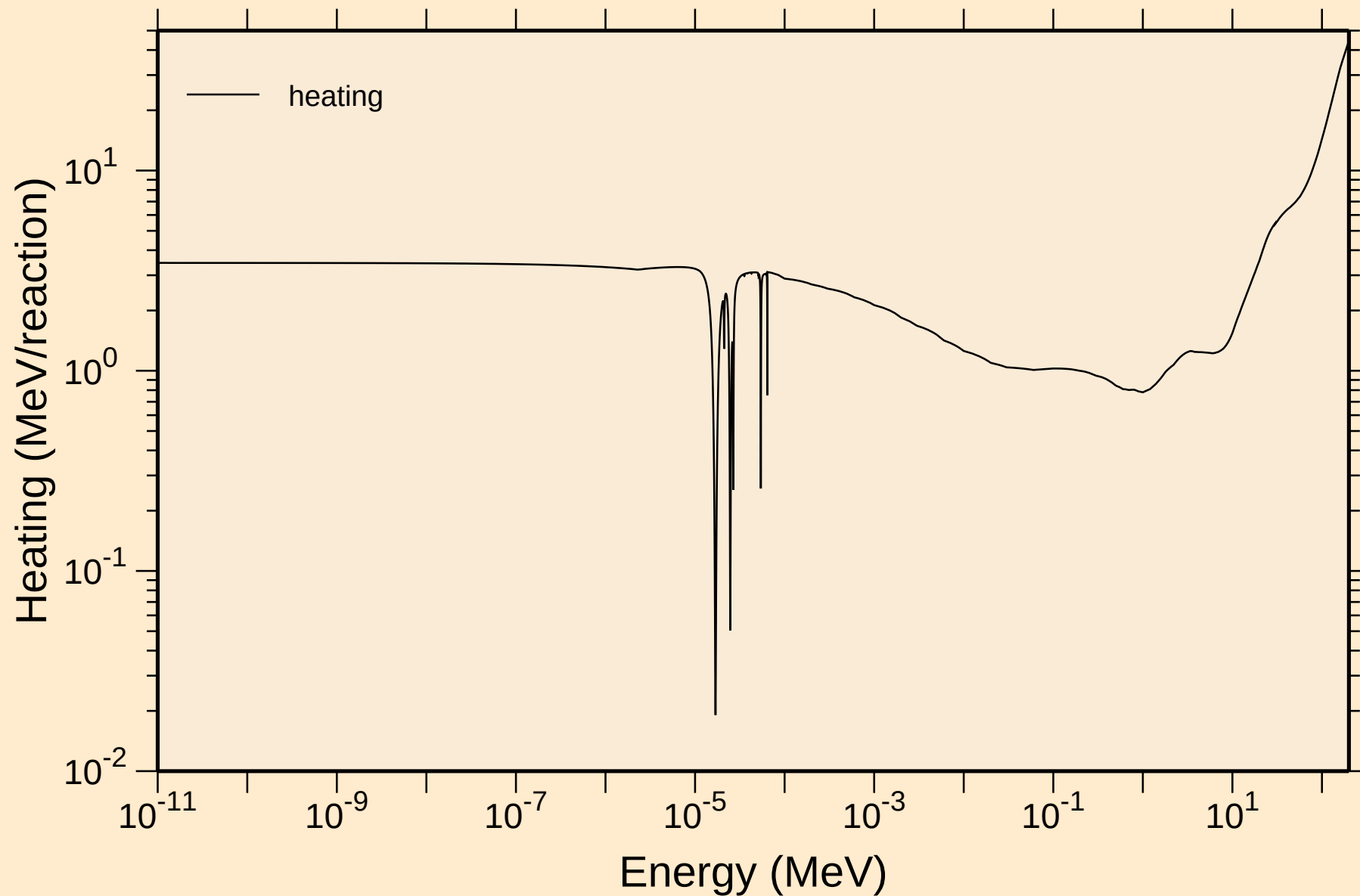


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



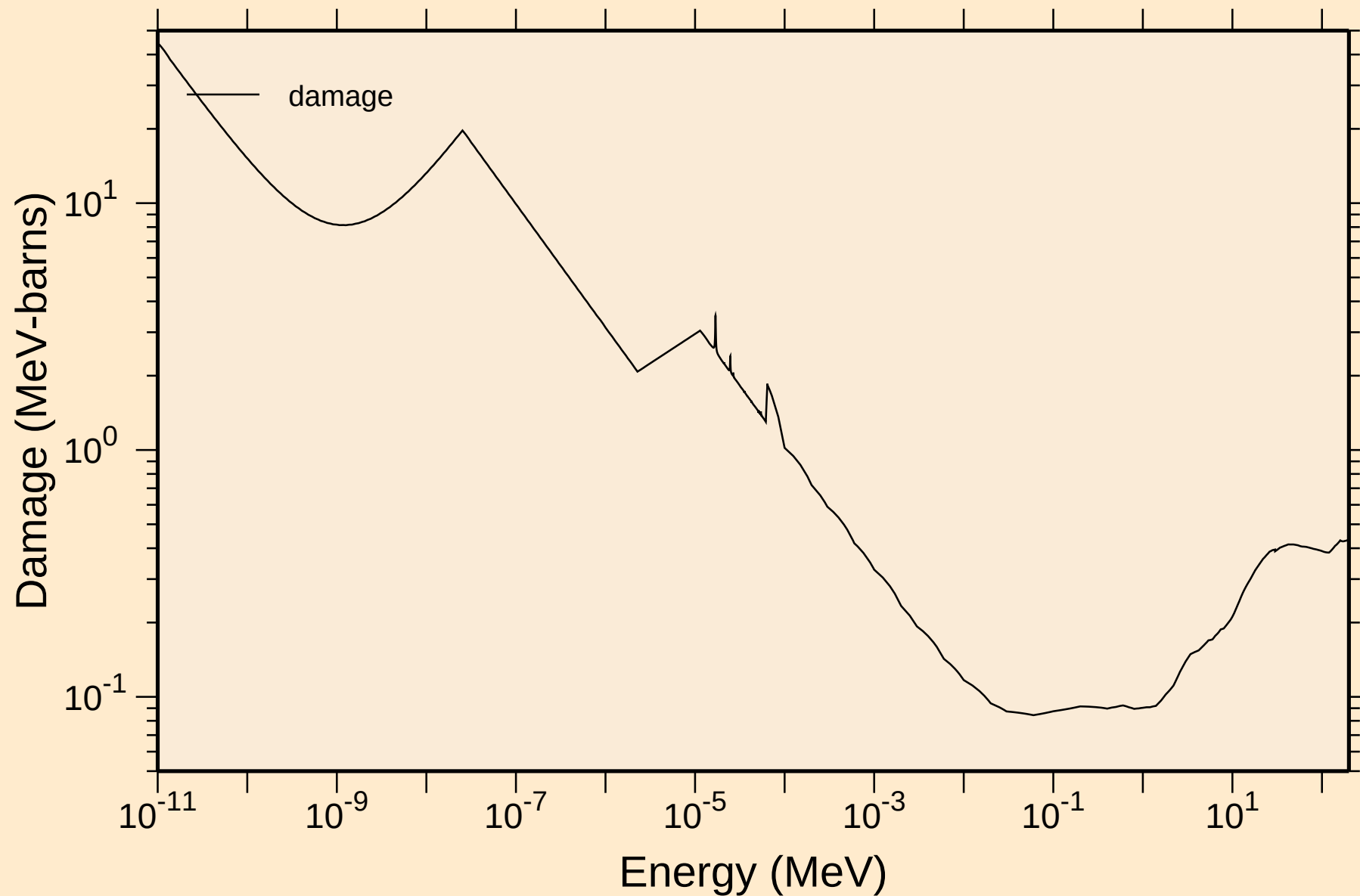
# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

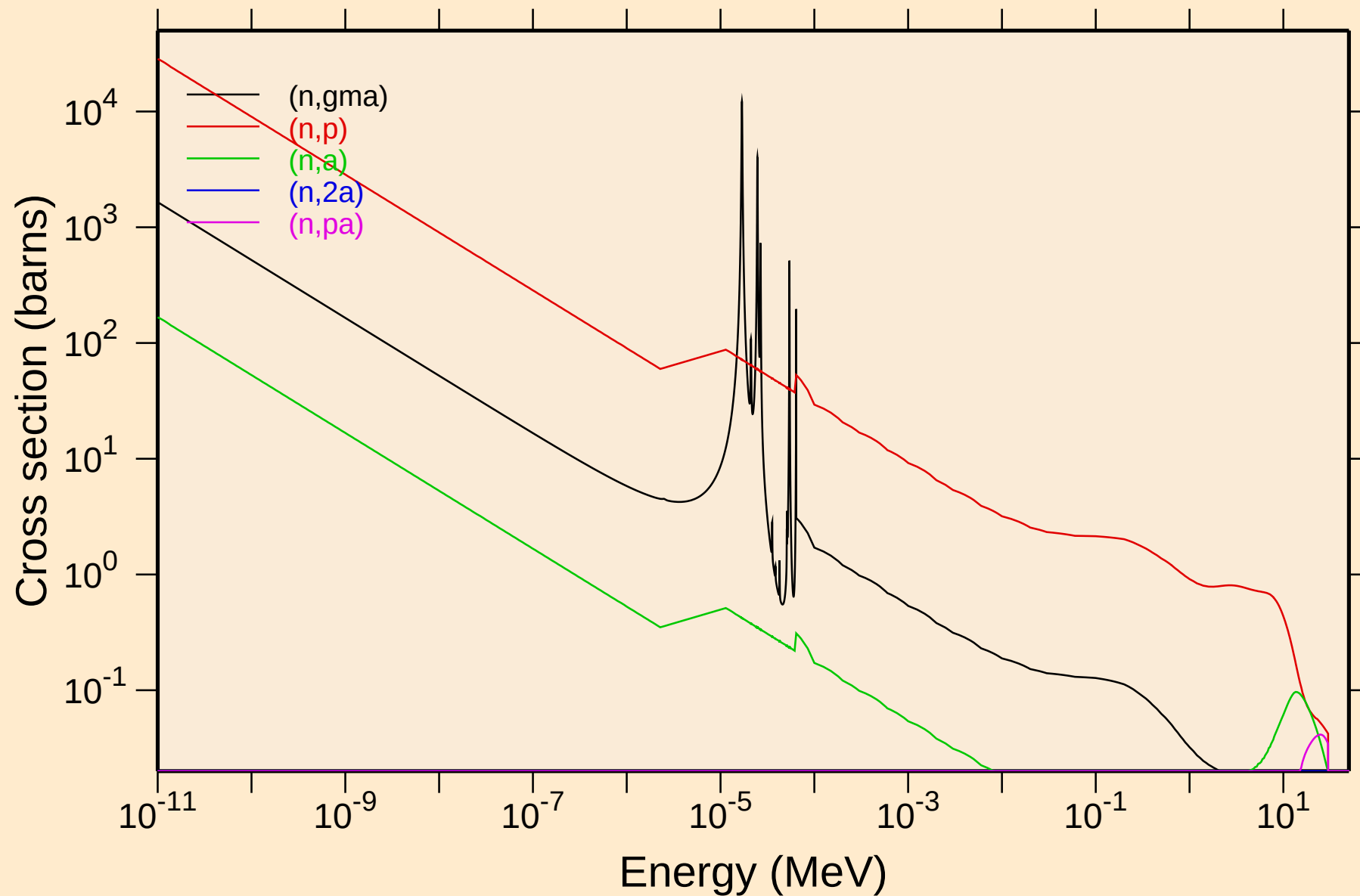


# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

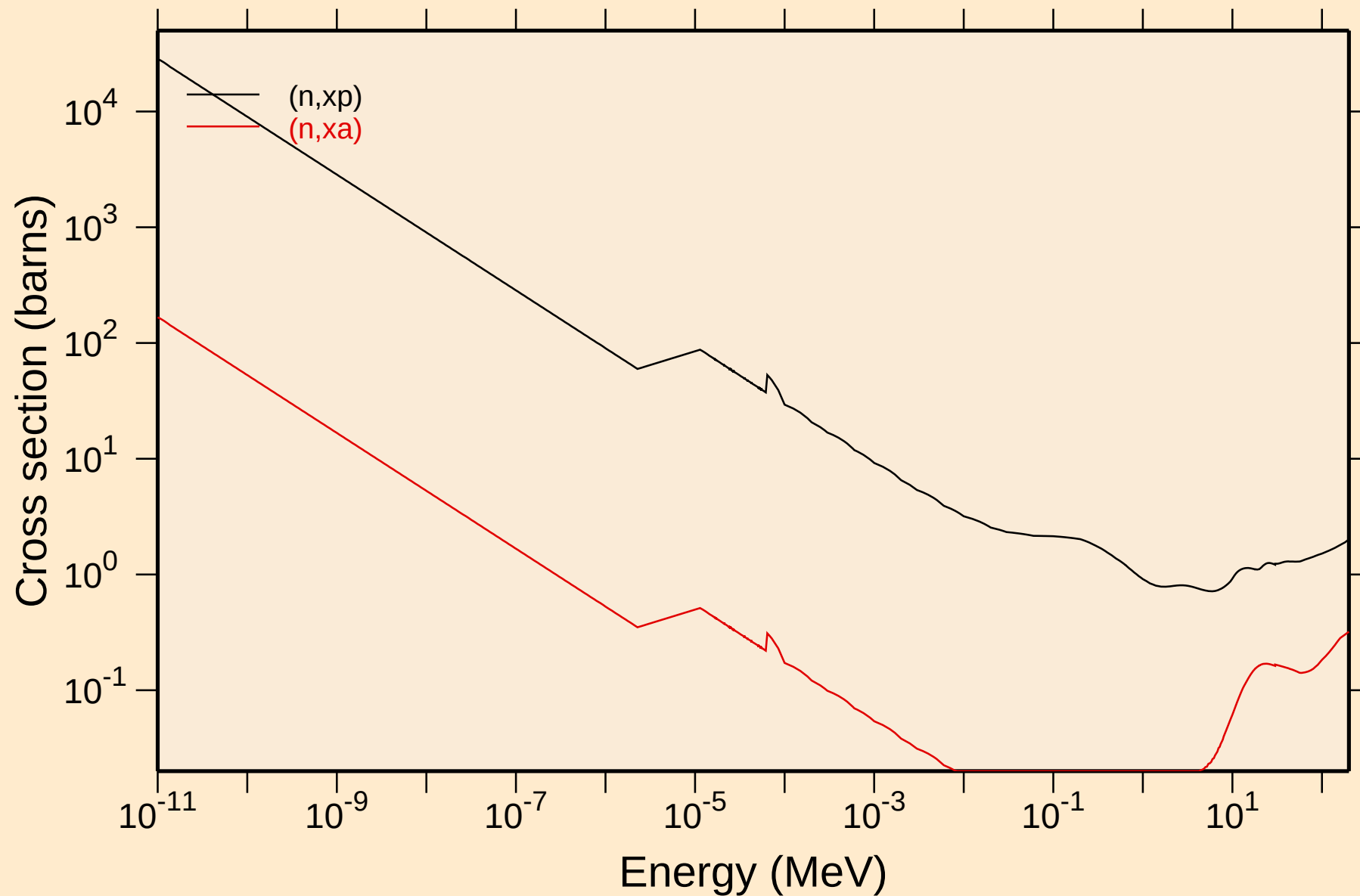


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



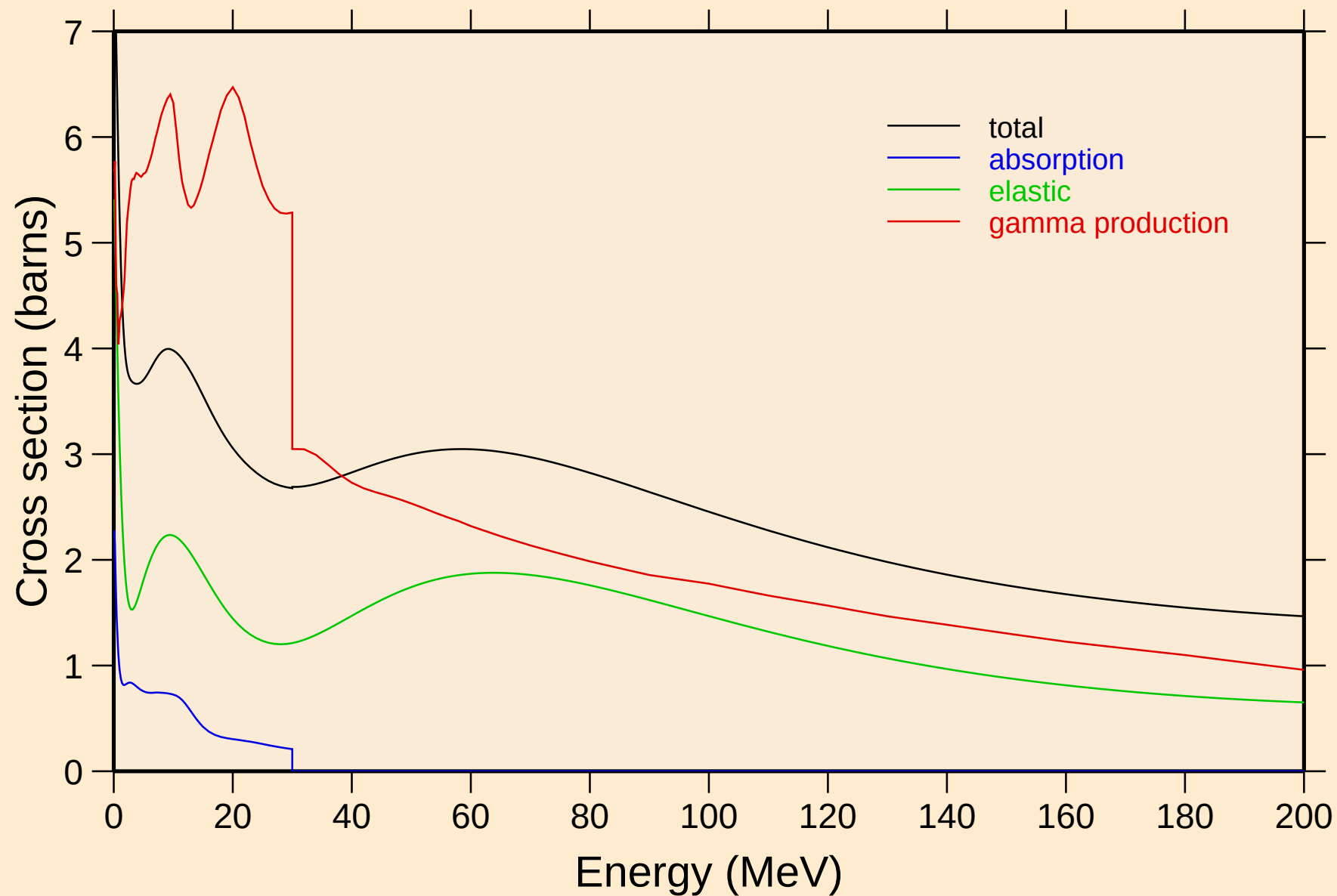


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



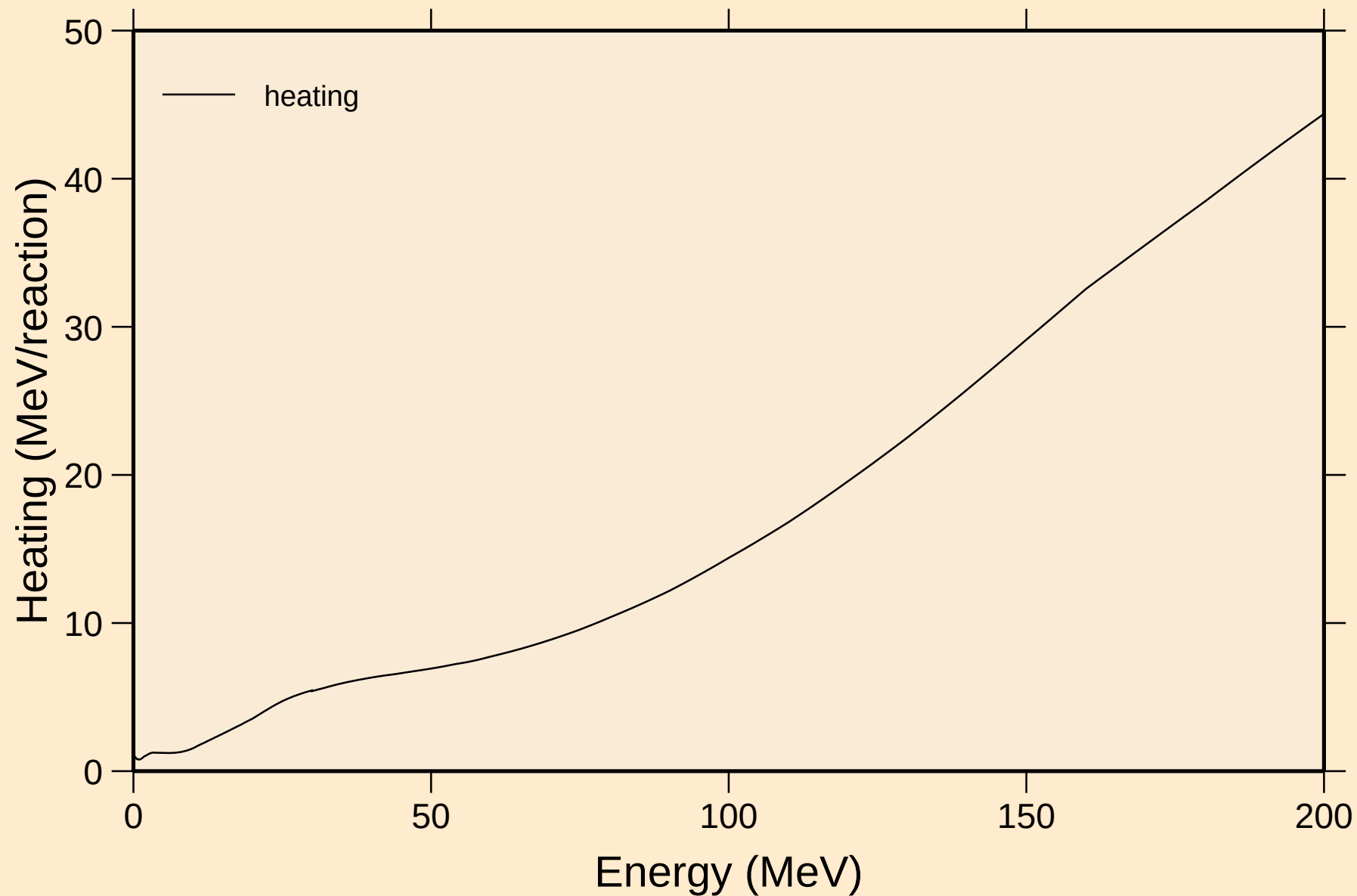
# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



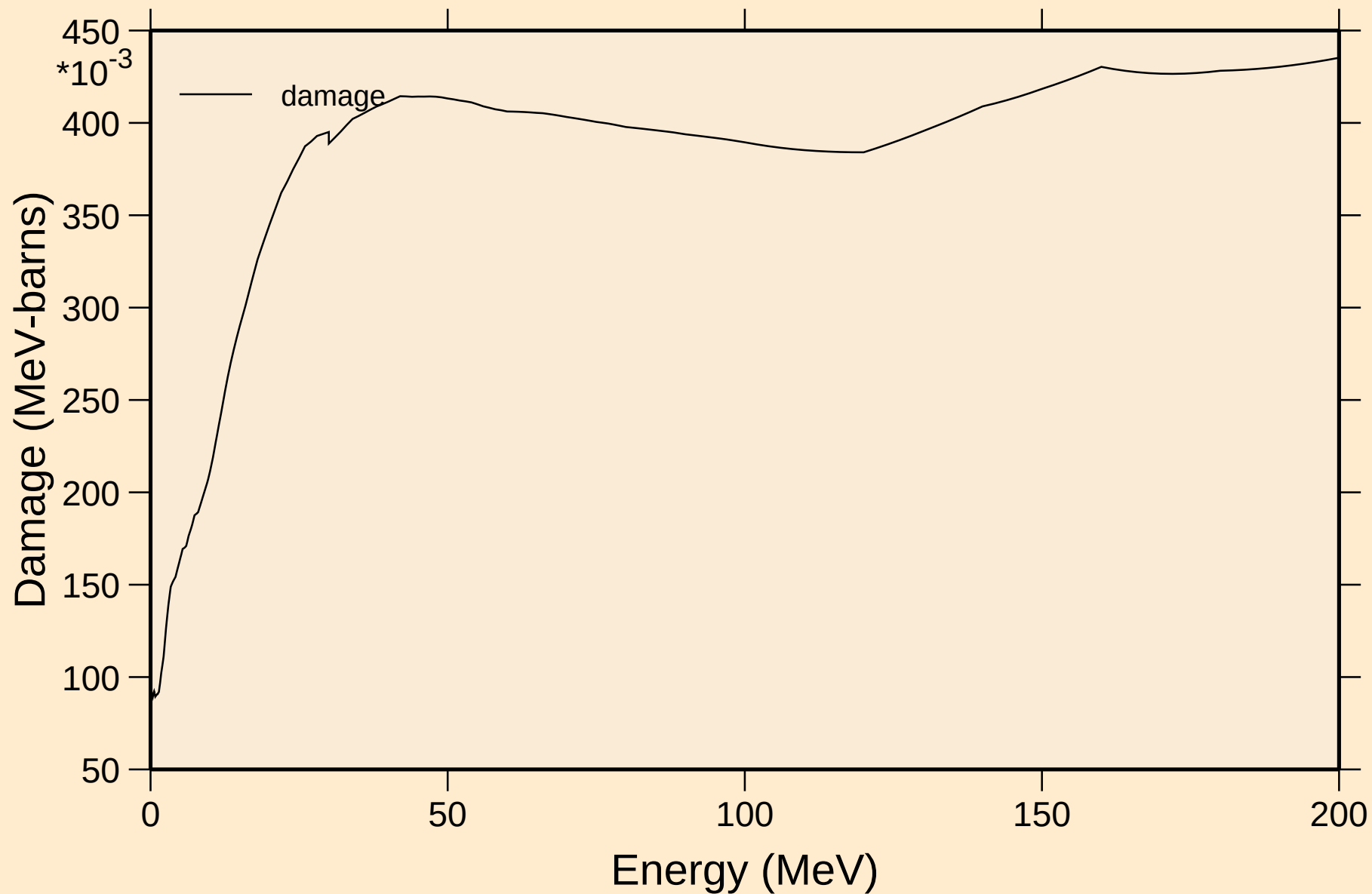
# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

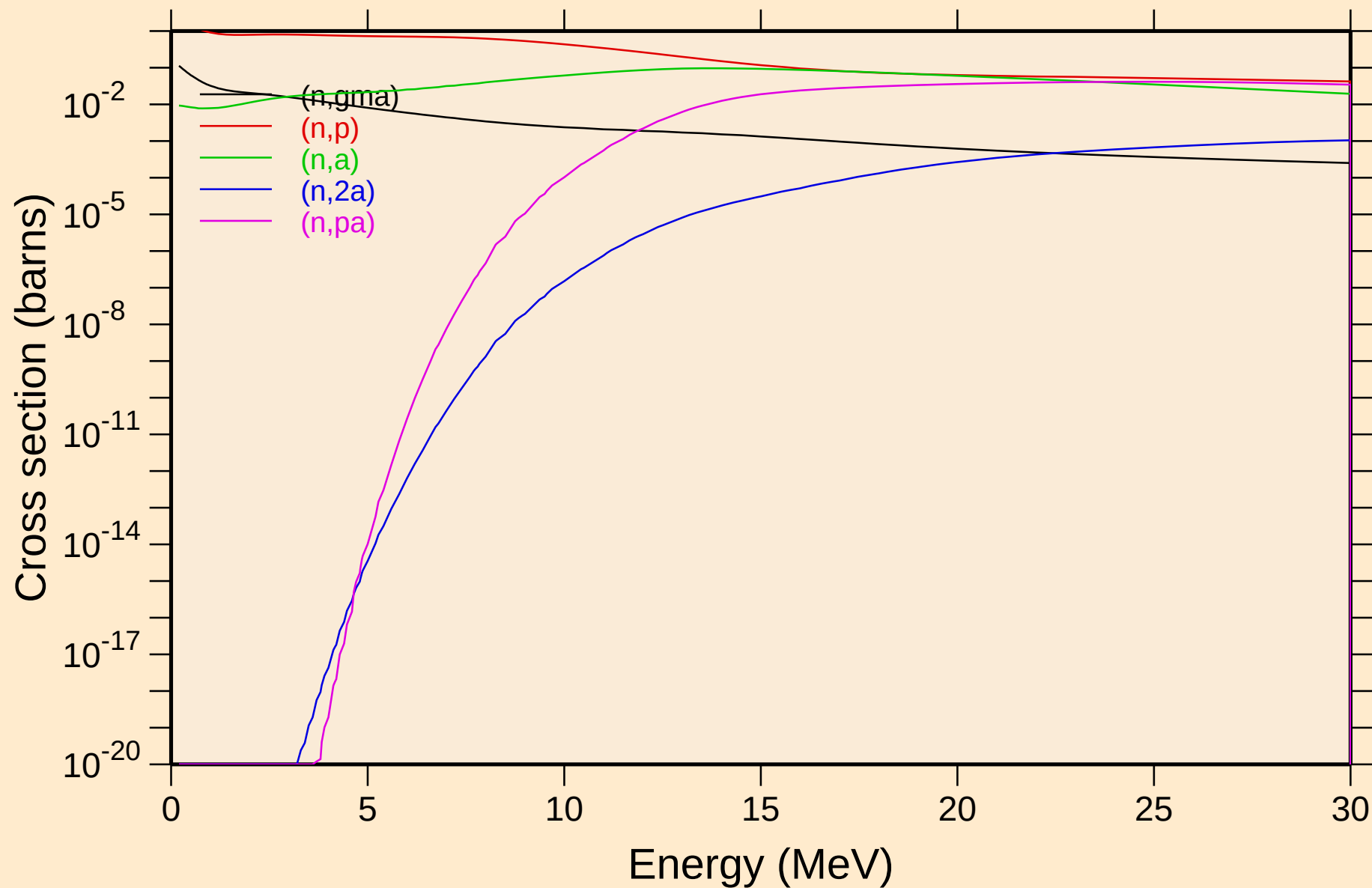


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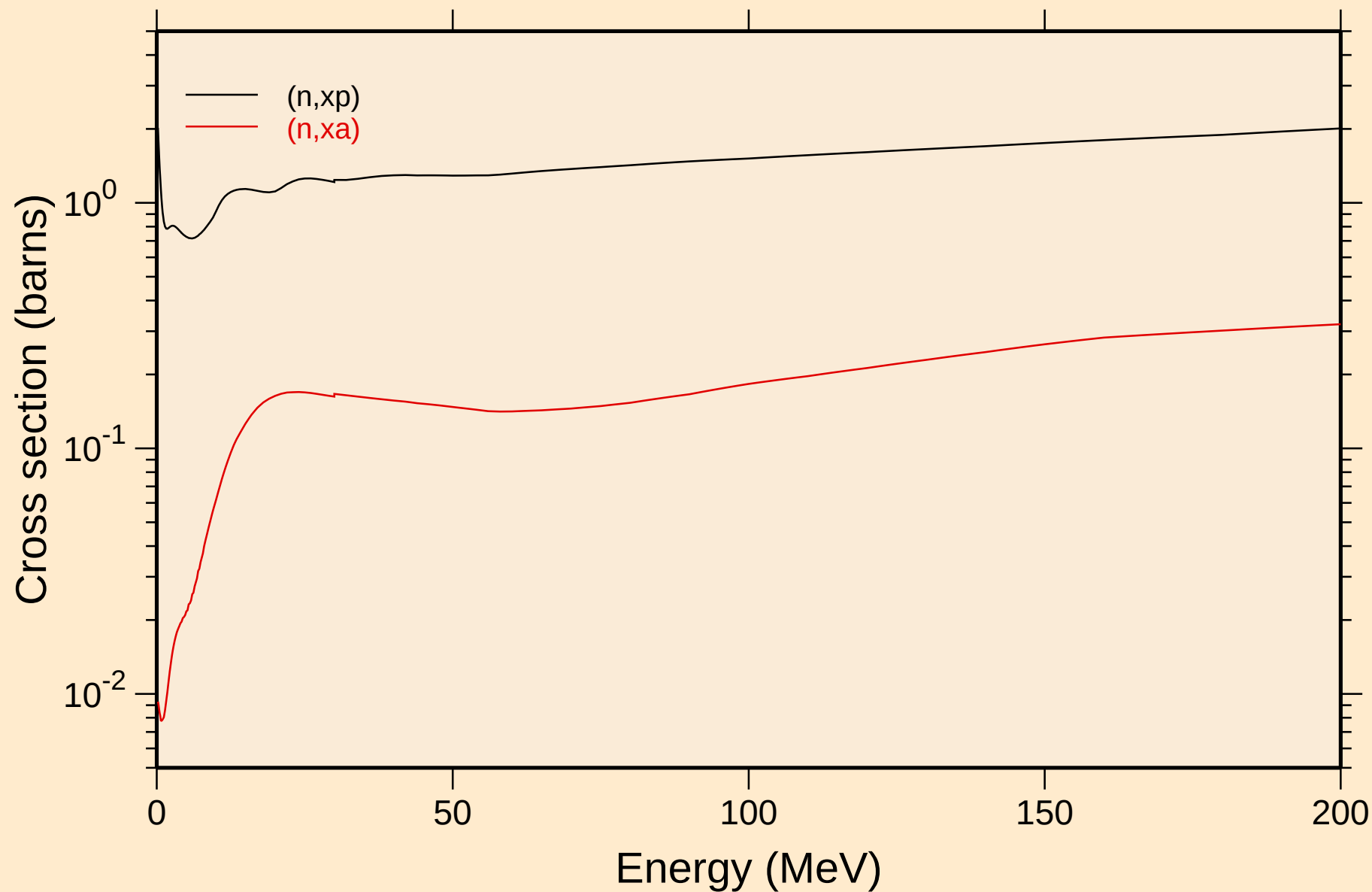
Damage



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

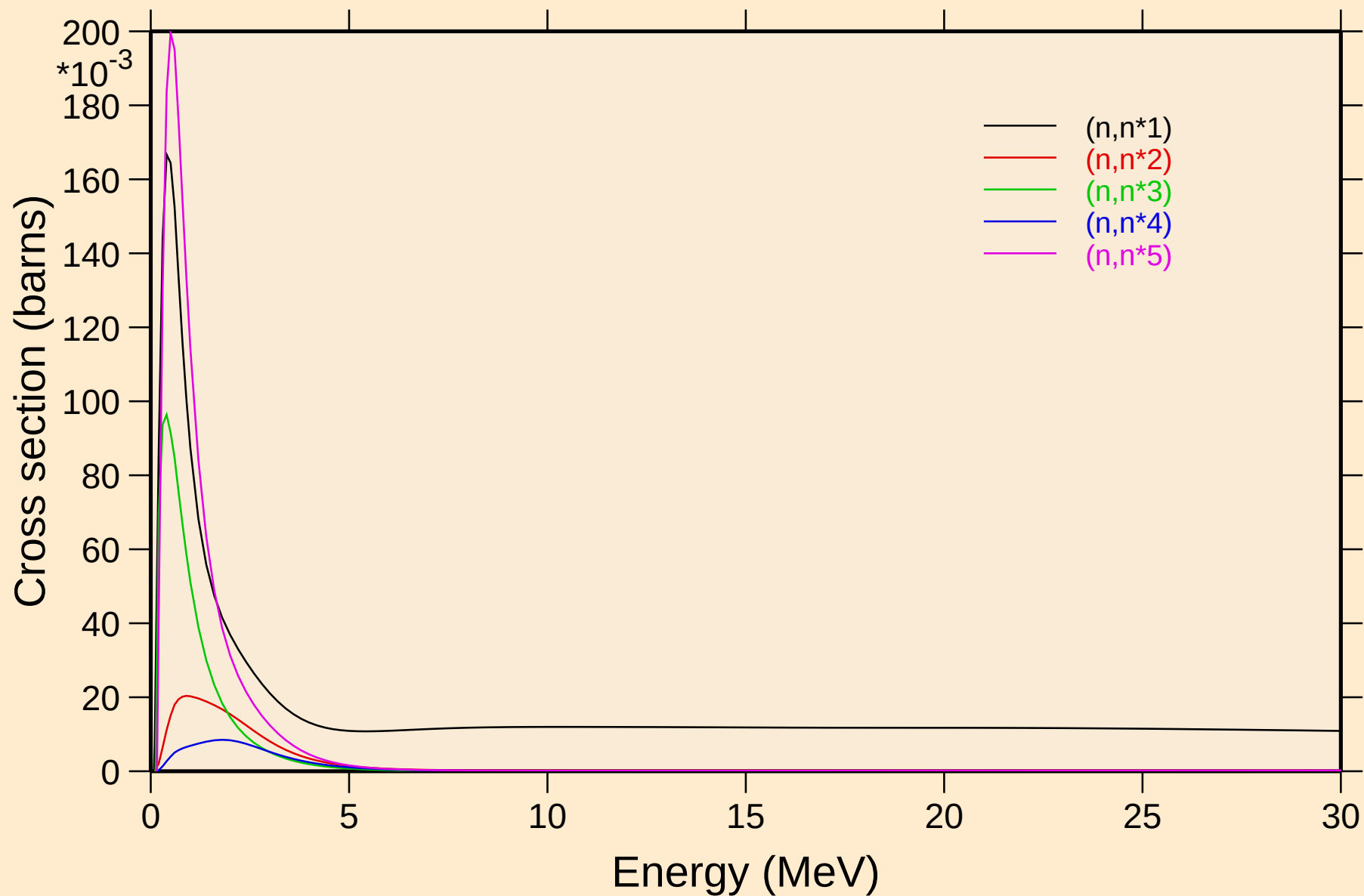


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



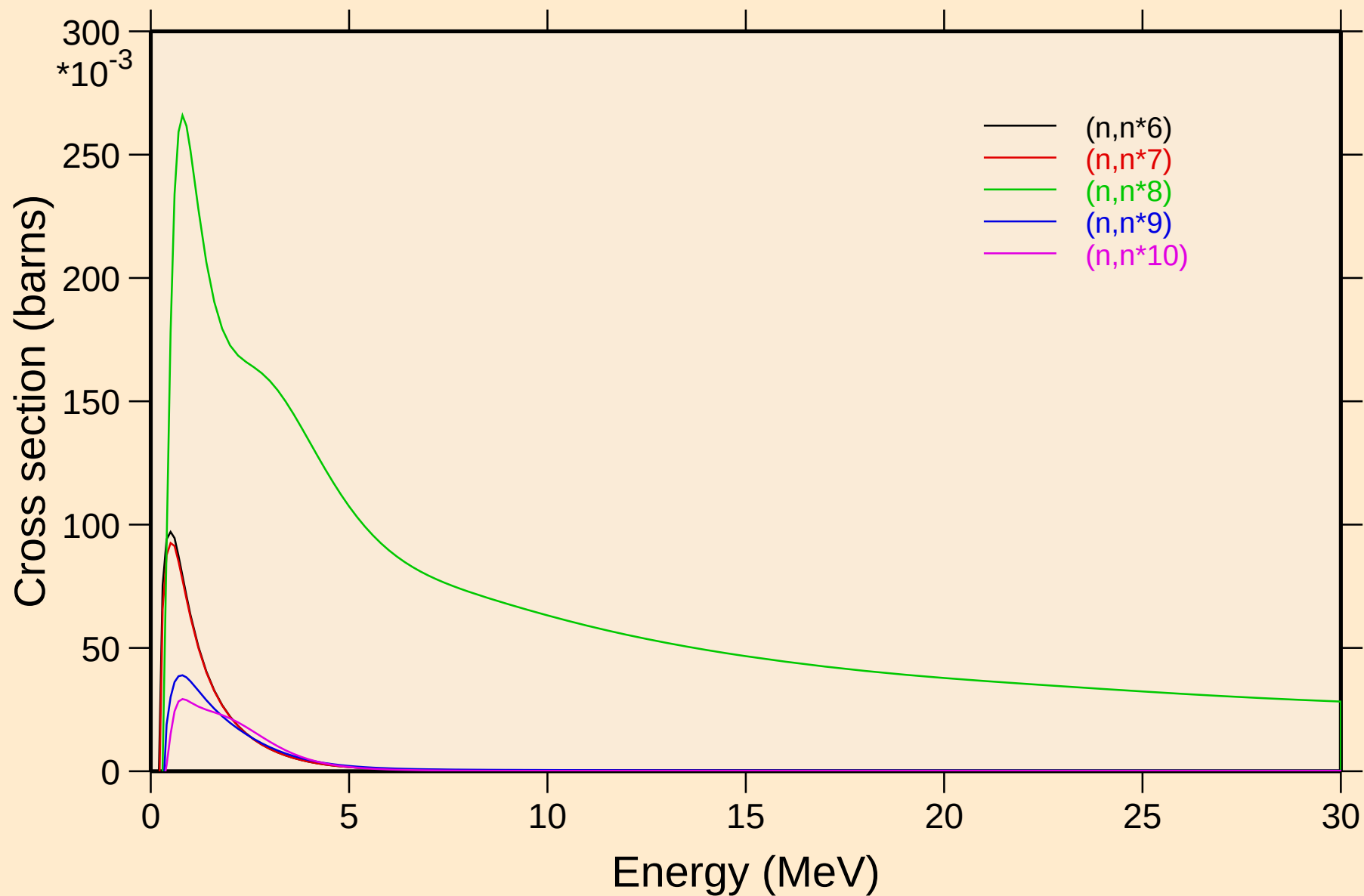
# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

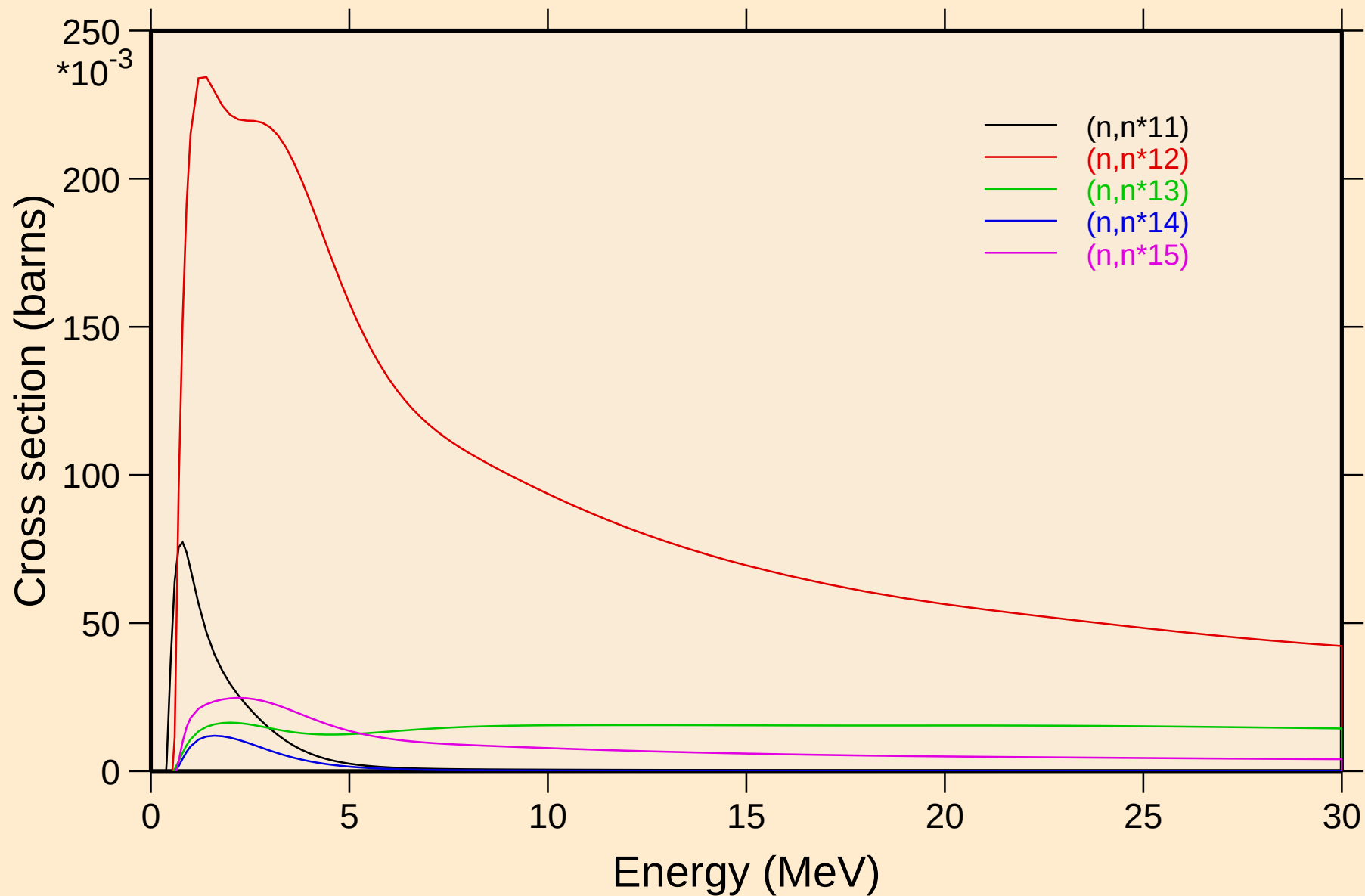
## Inelastic levels





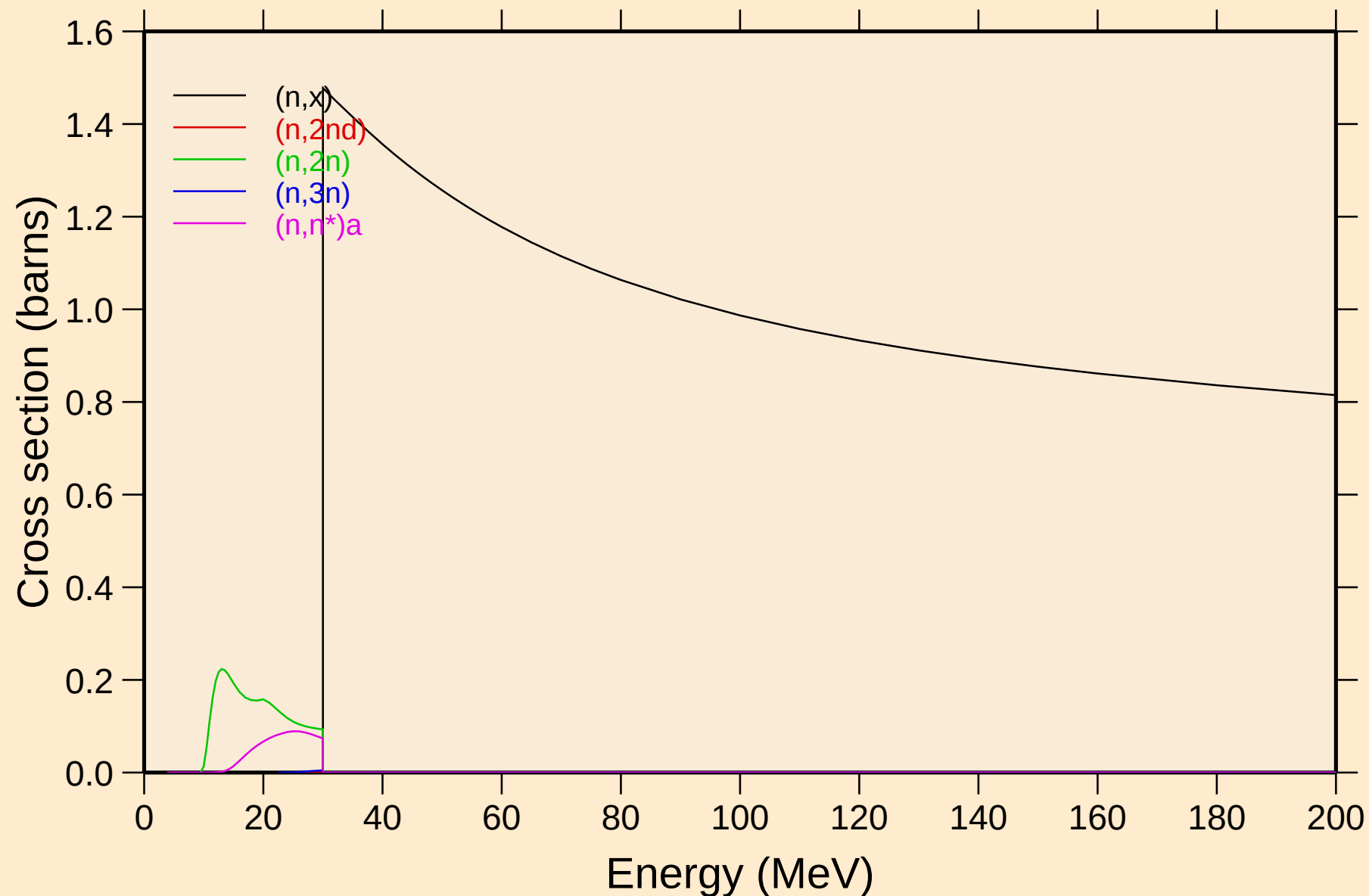
# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

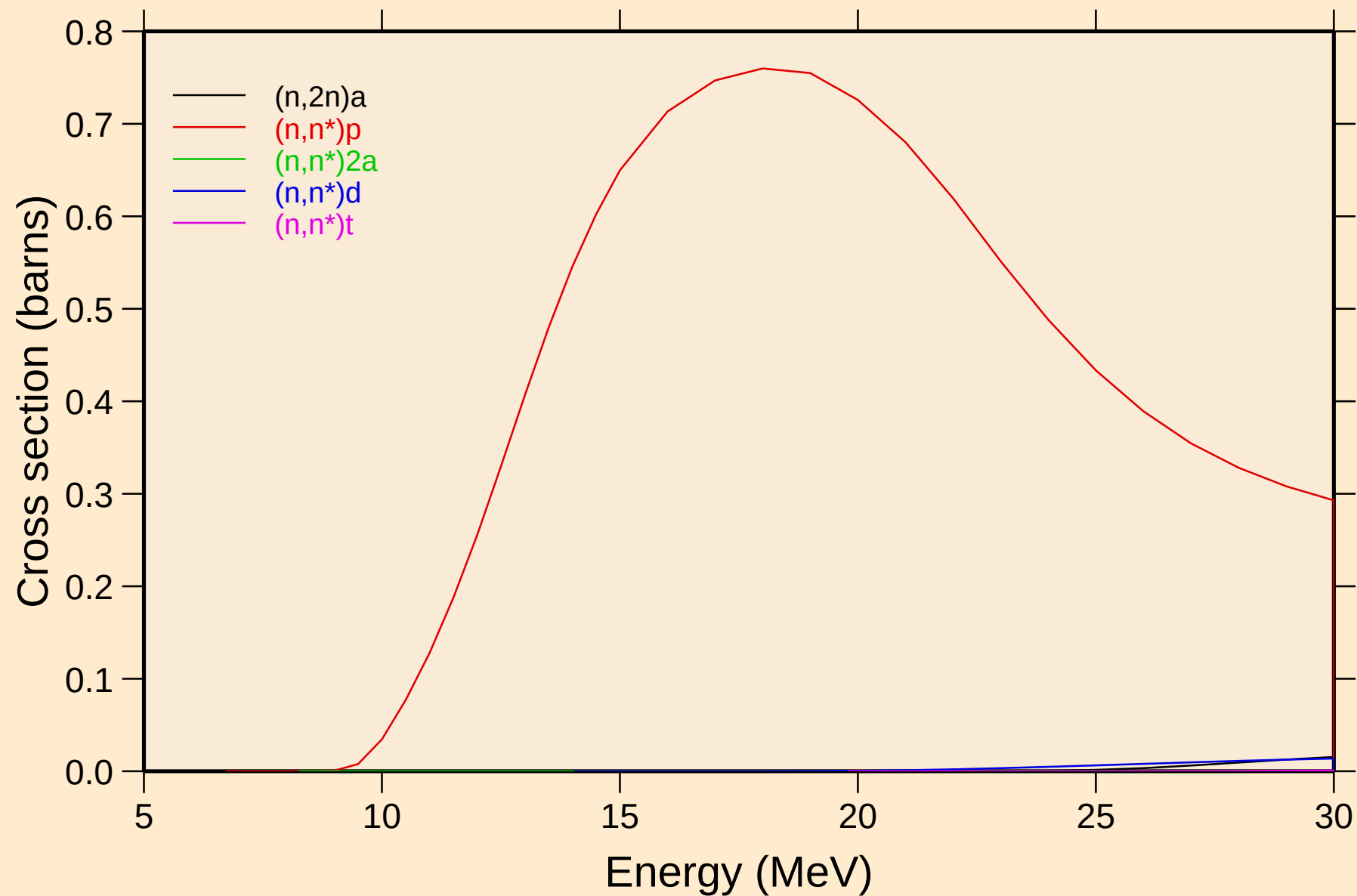


# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

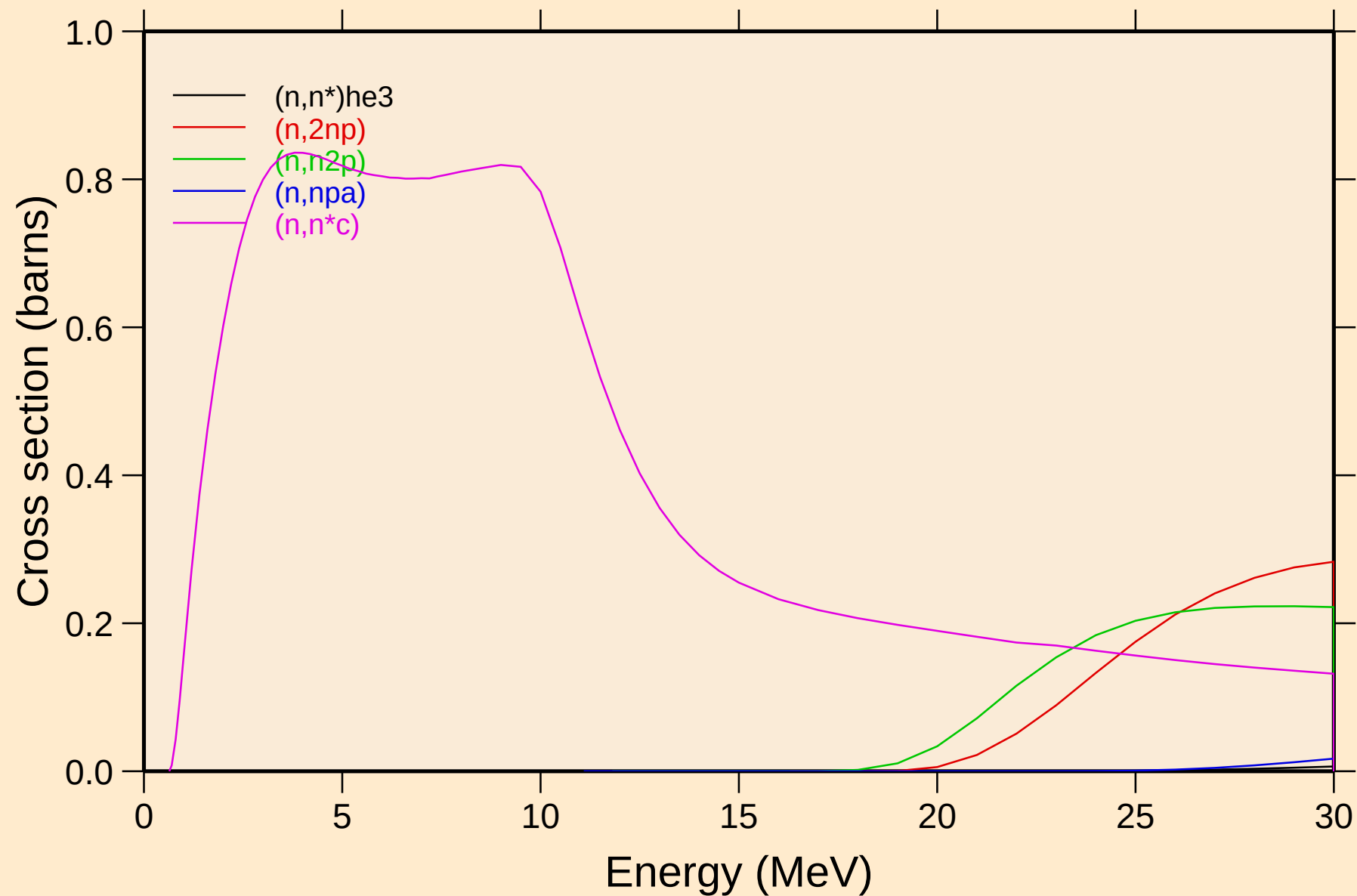
## Threshold reactions



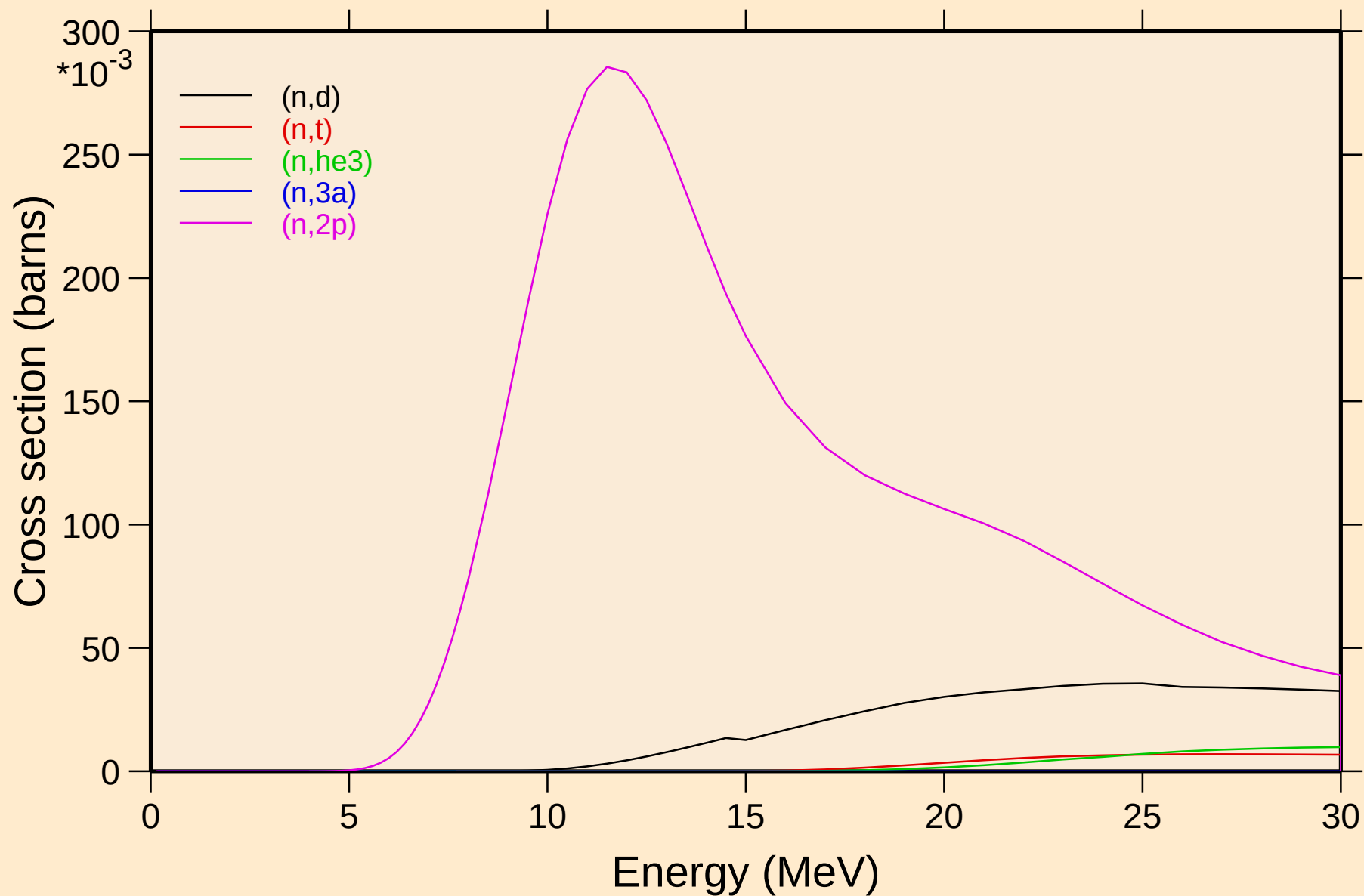
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

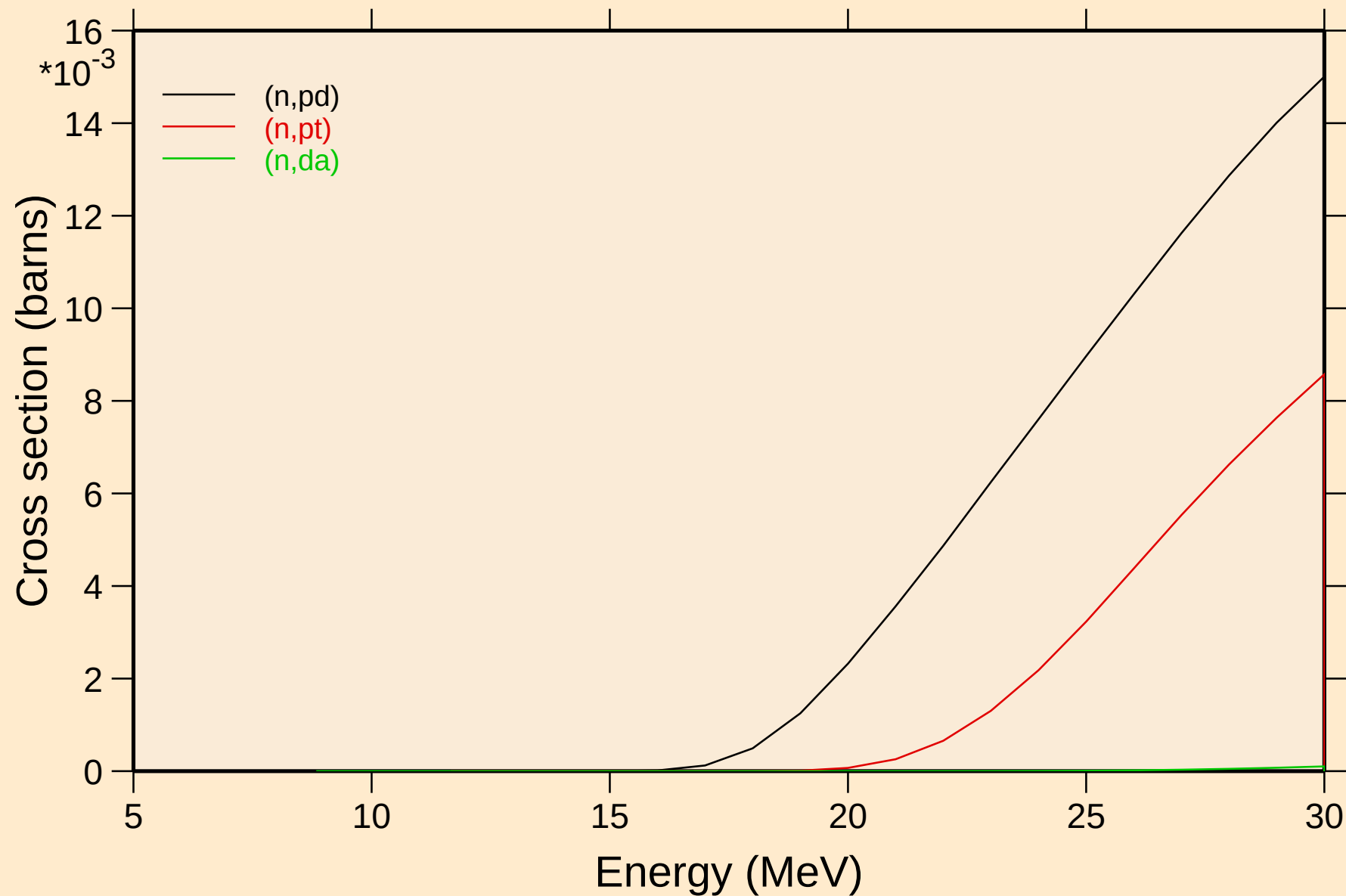


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



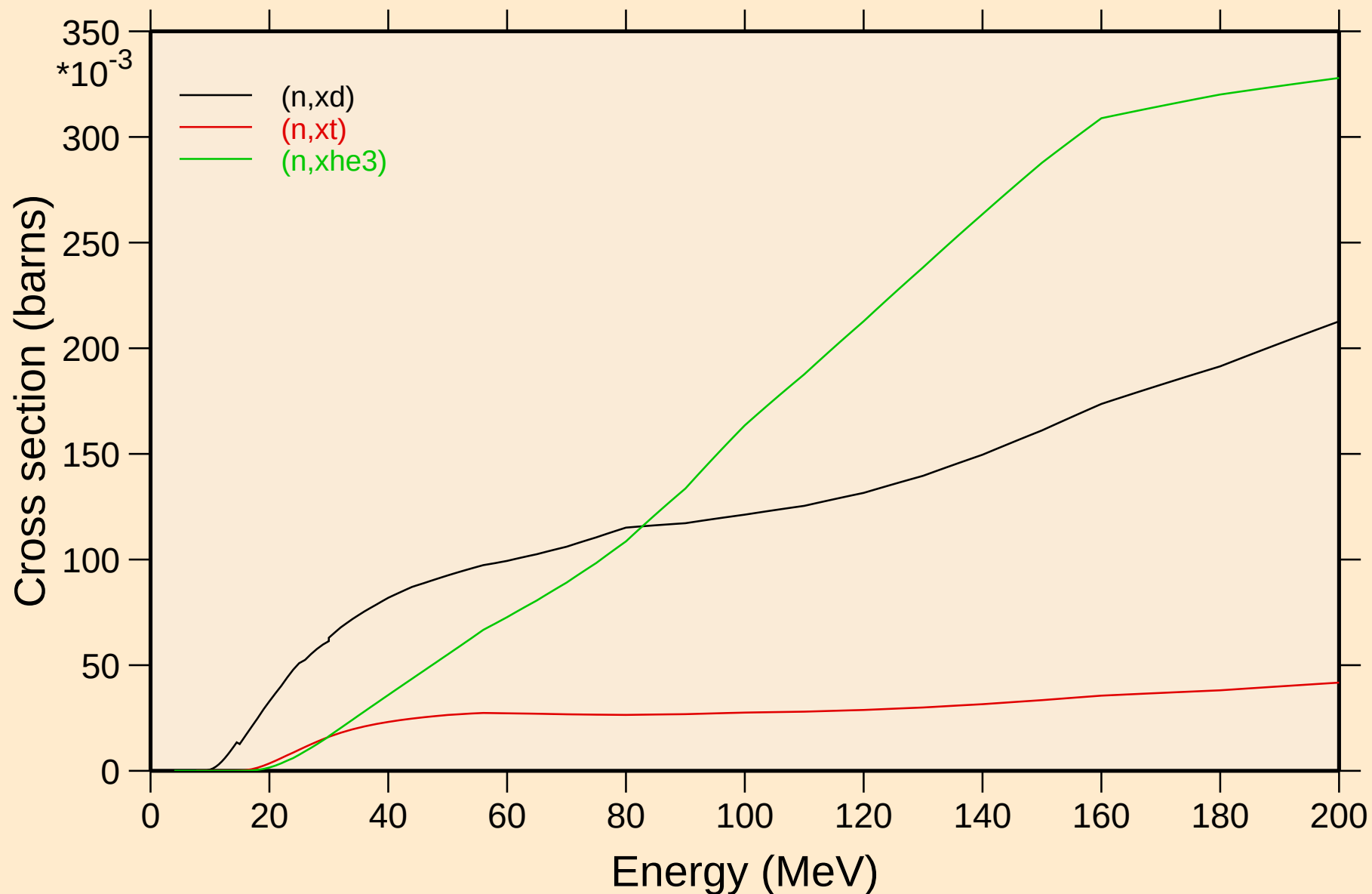
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## Threshold reactions

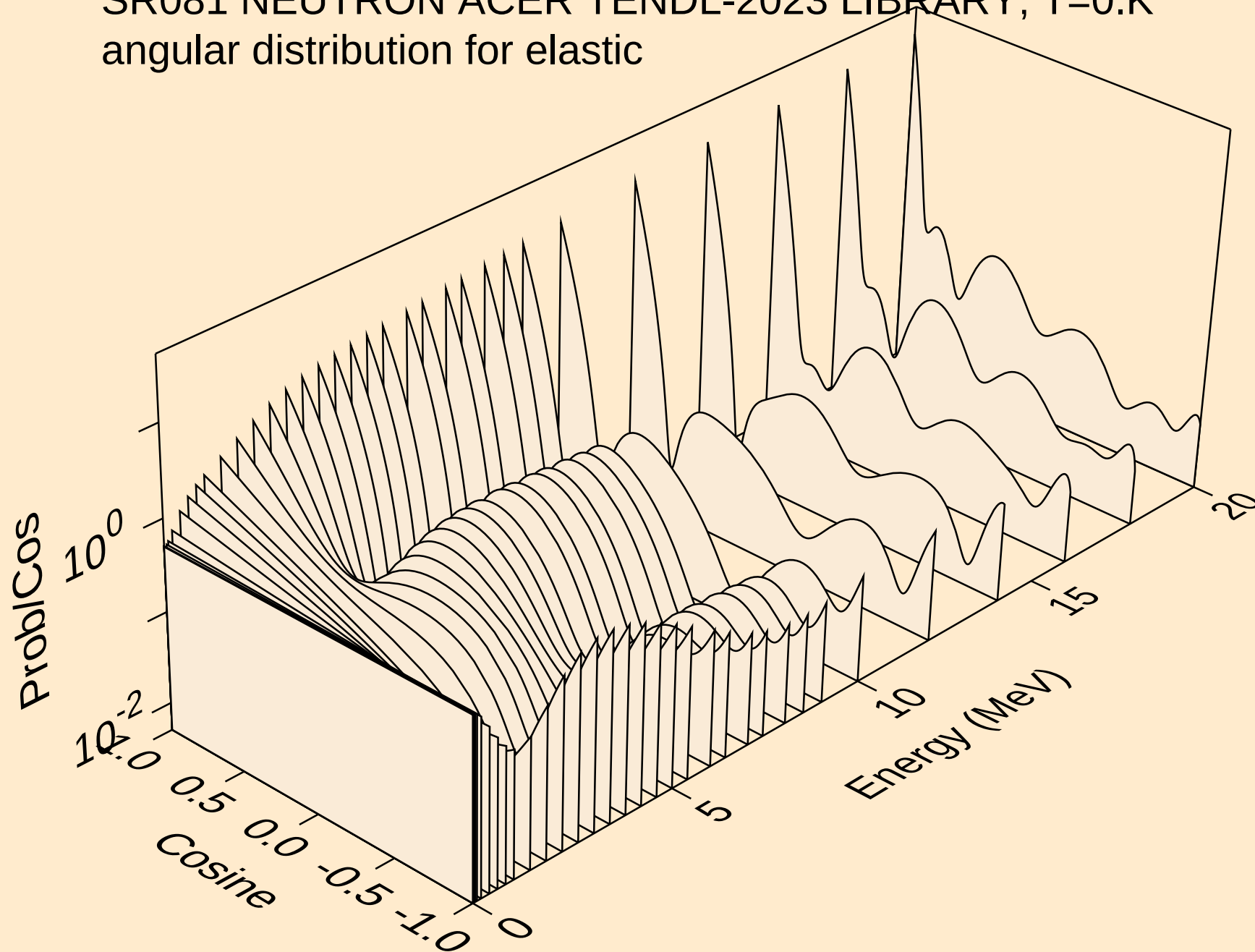


# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

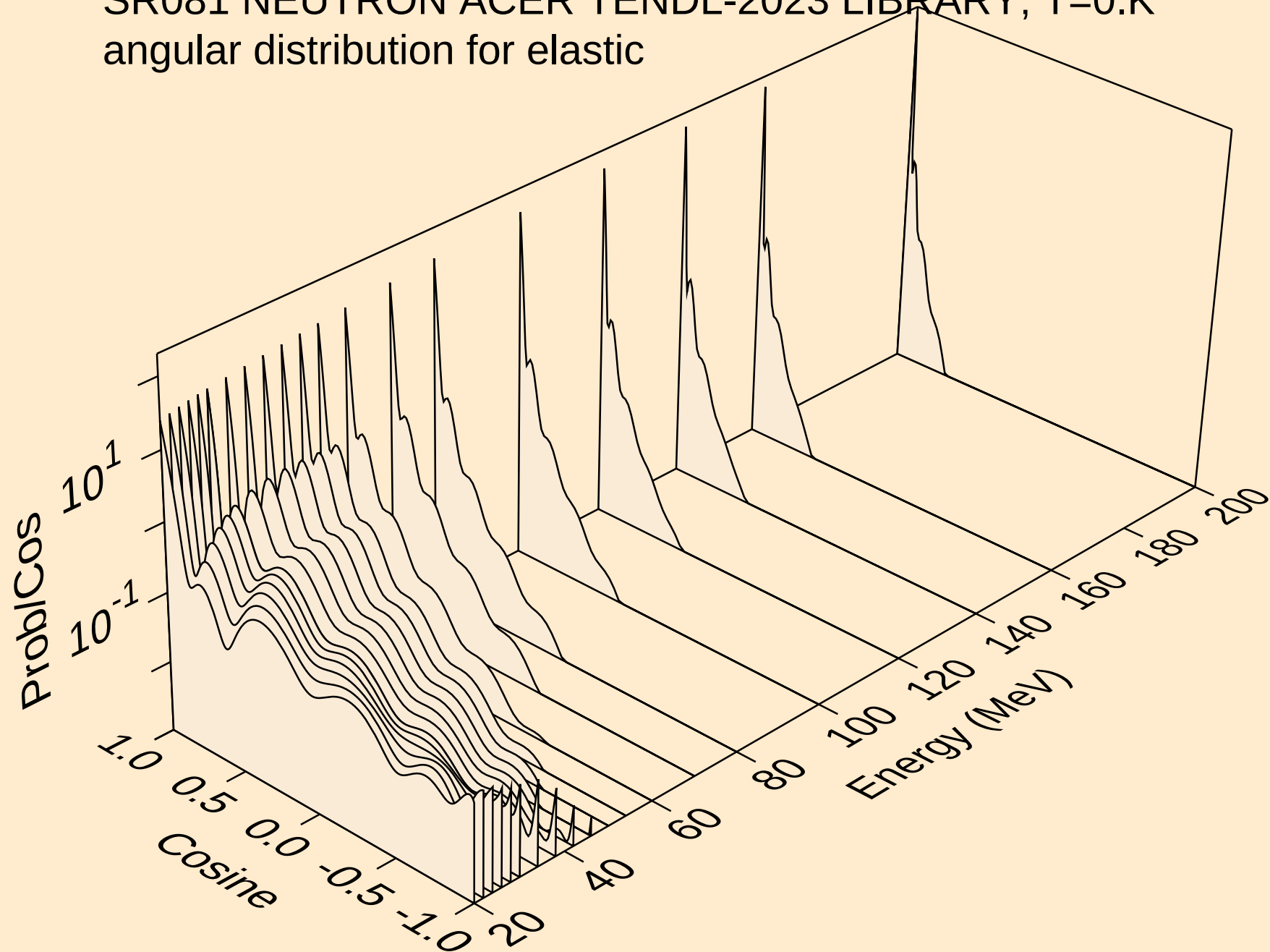


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

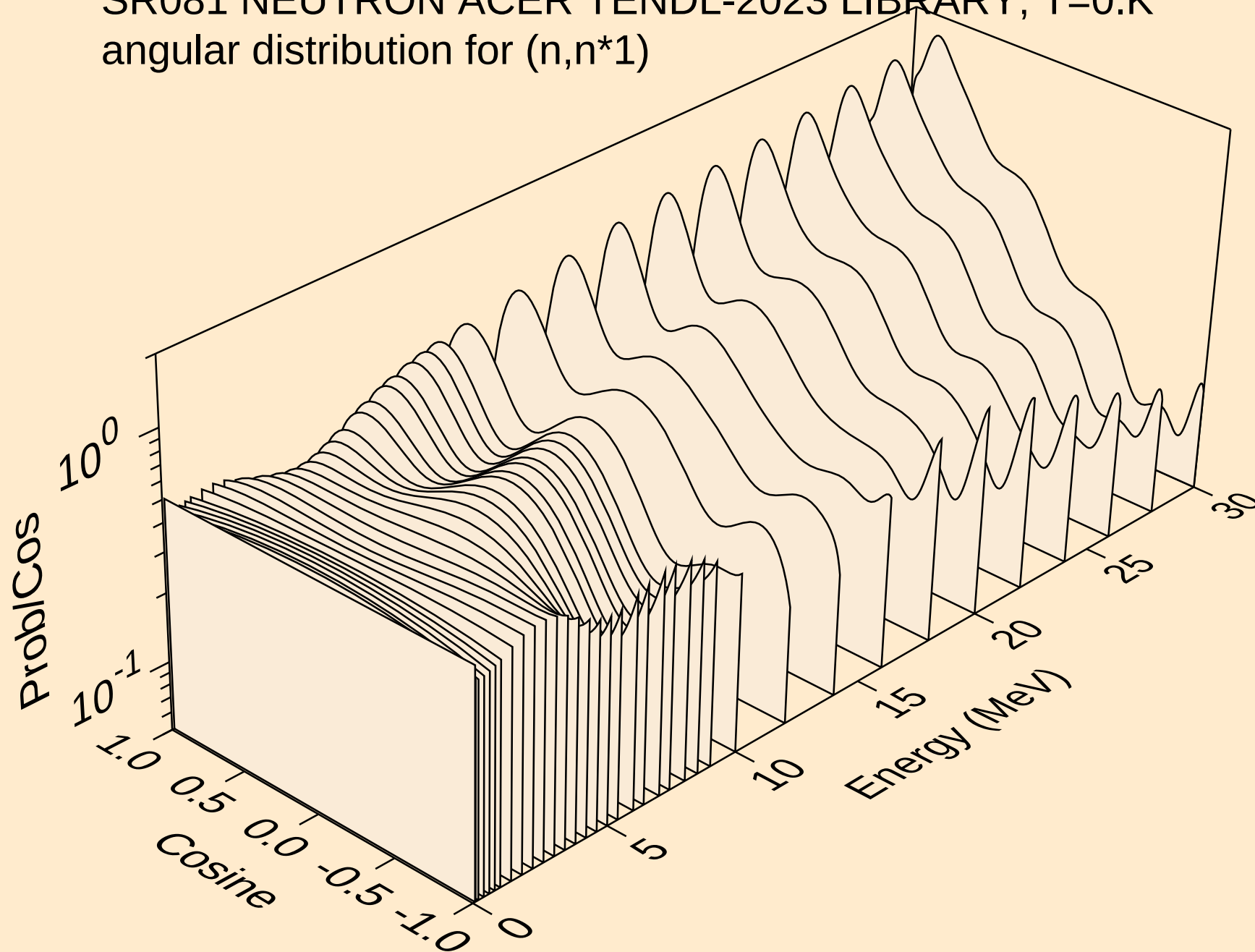




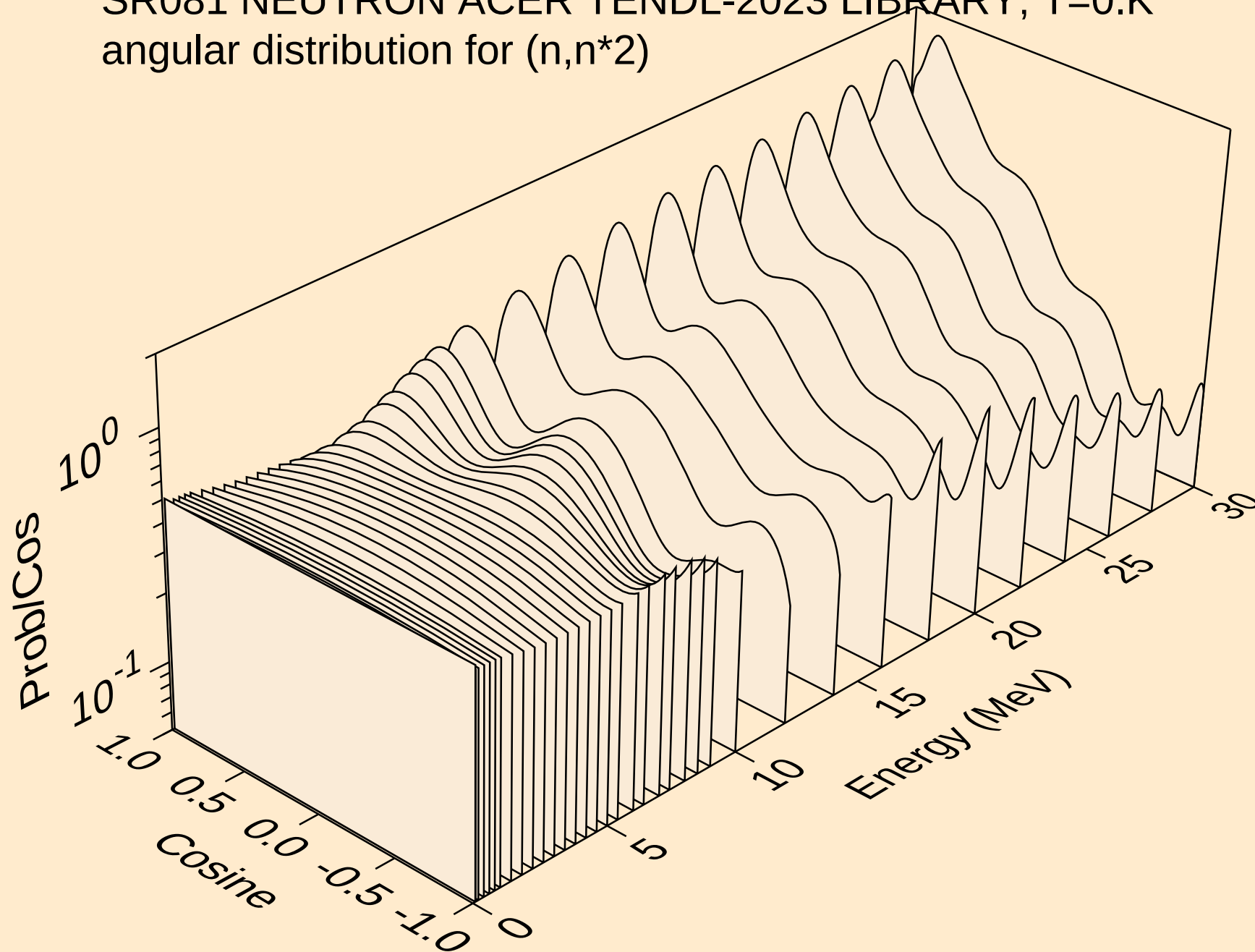
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



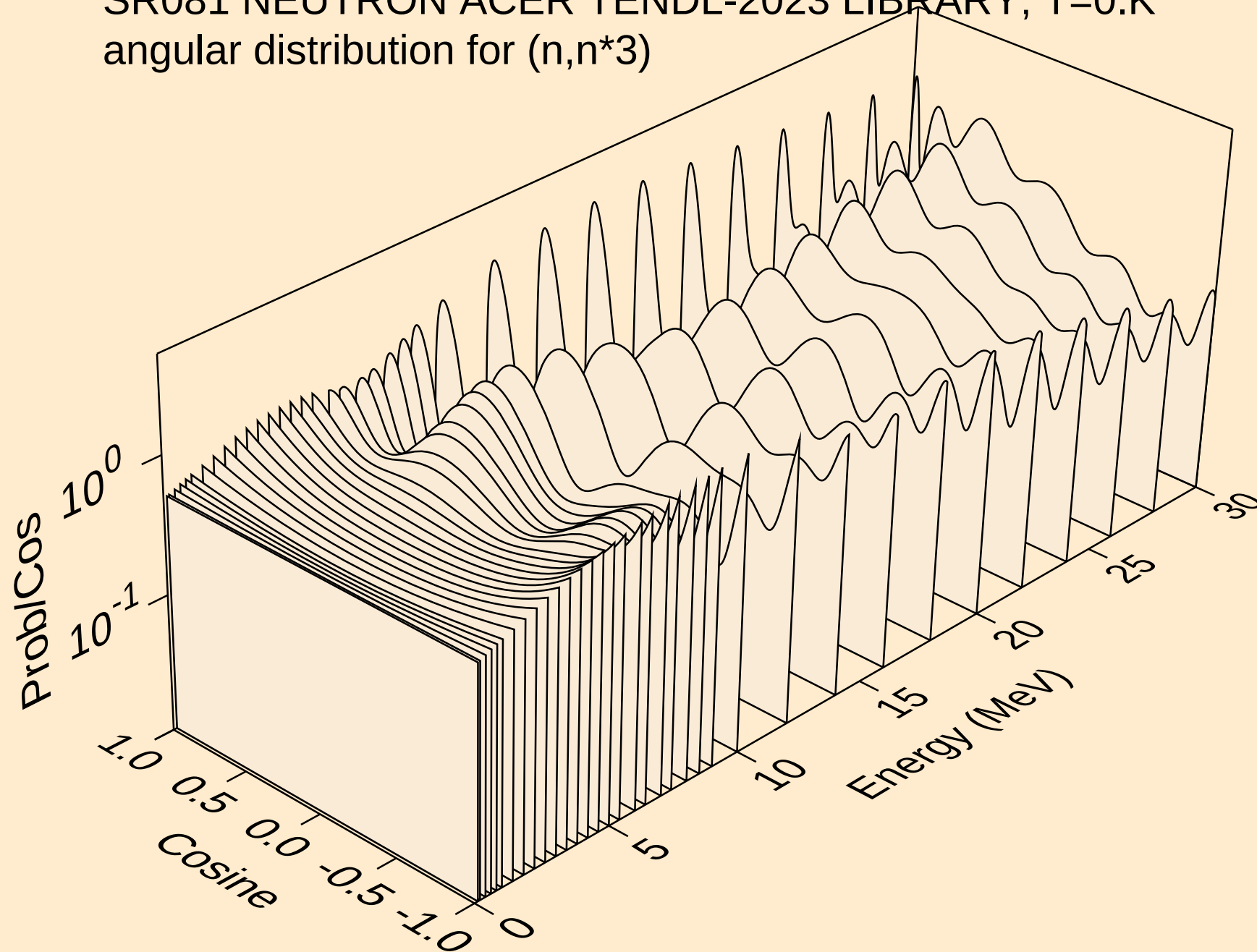
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



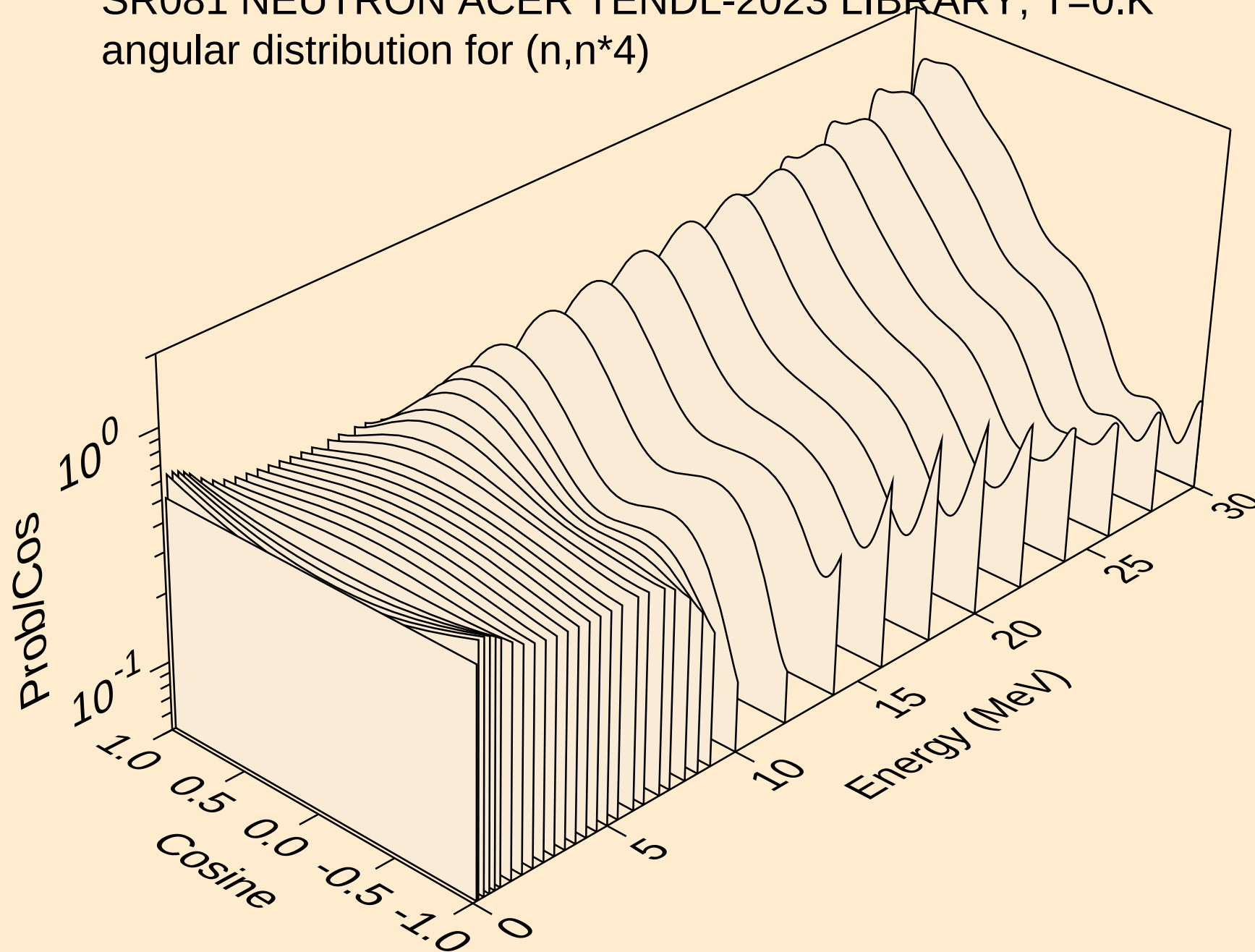
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



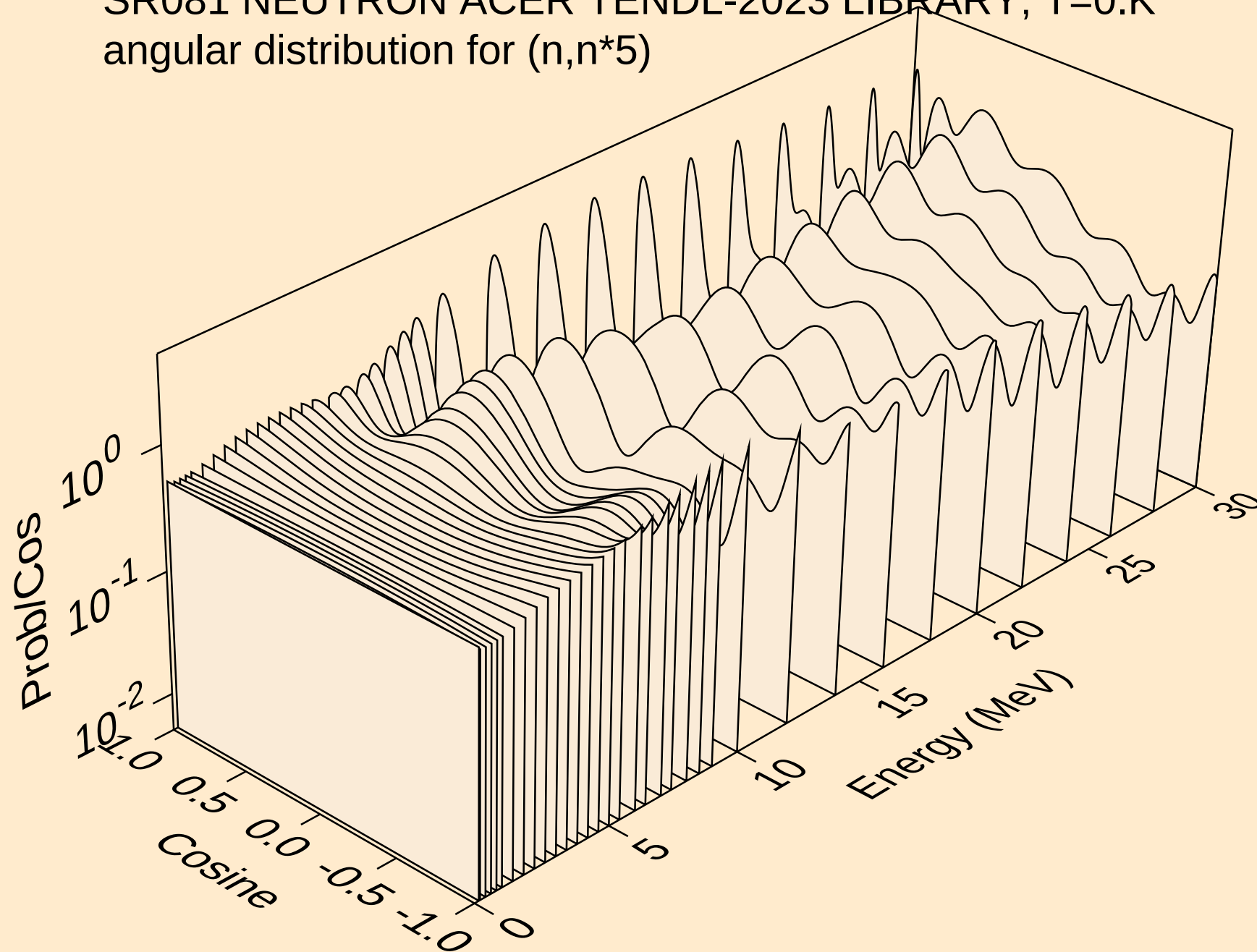
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



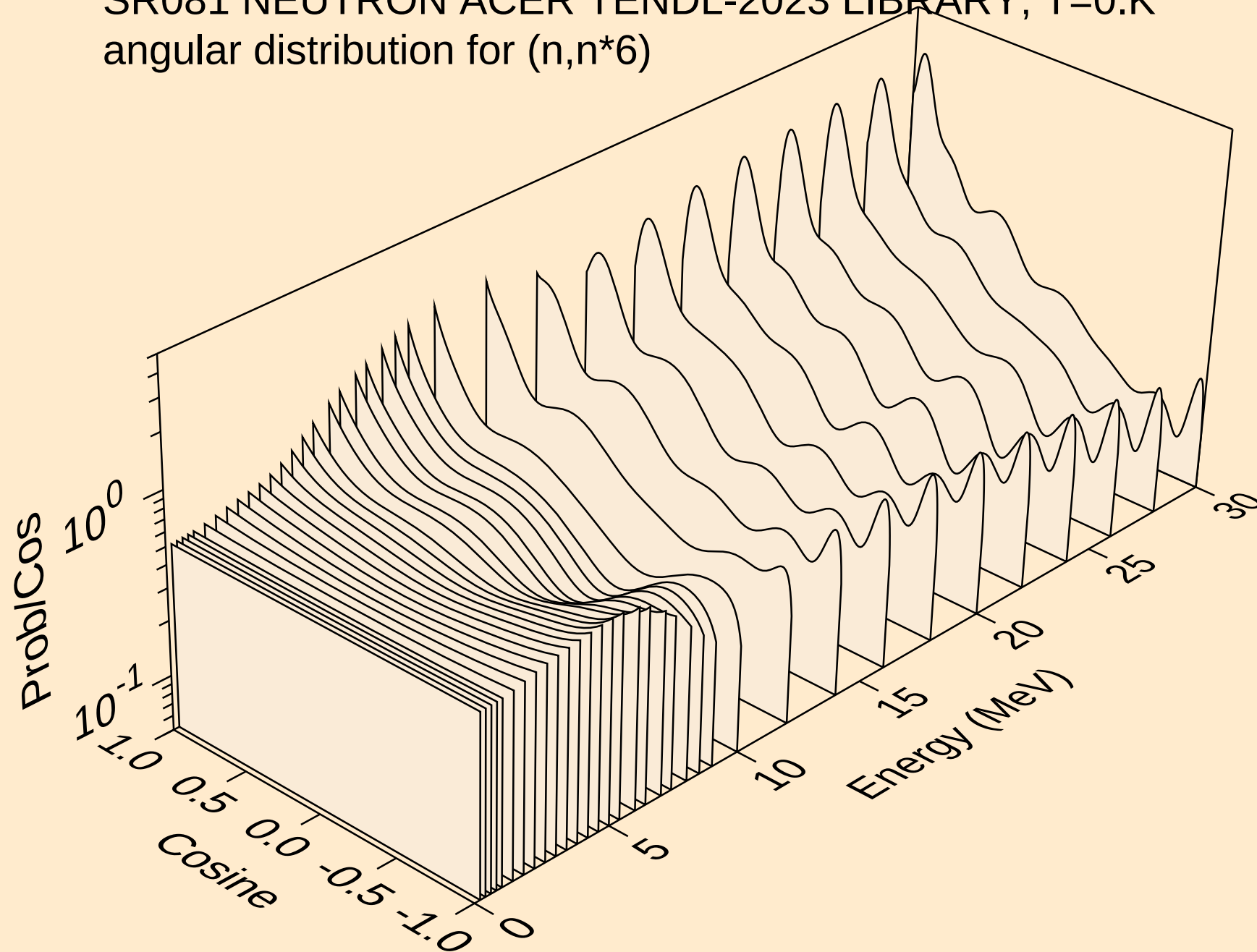
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

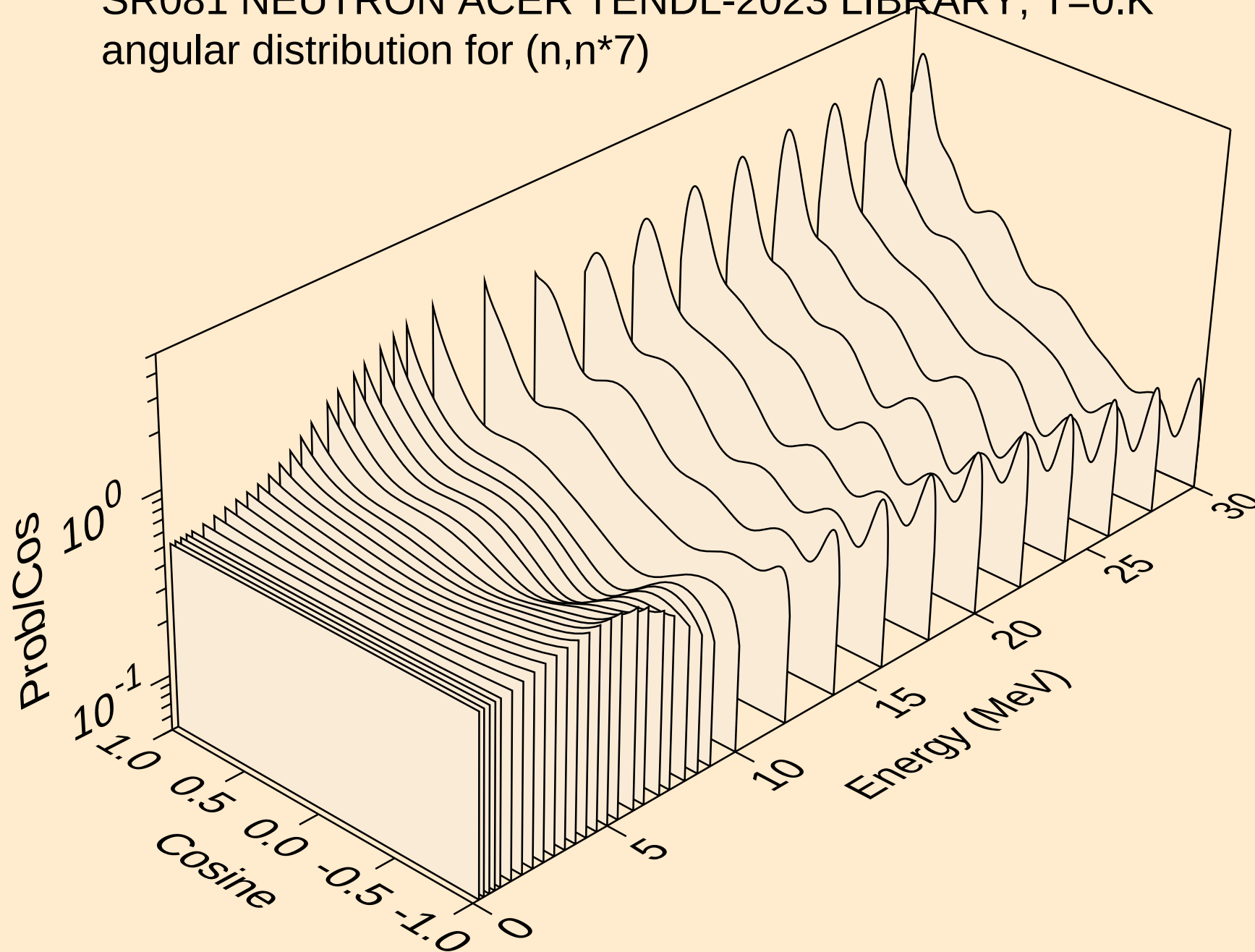


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angular distribution for (n,n\*6)



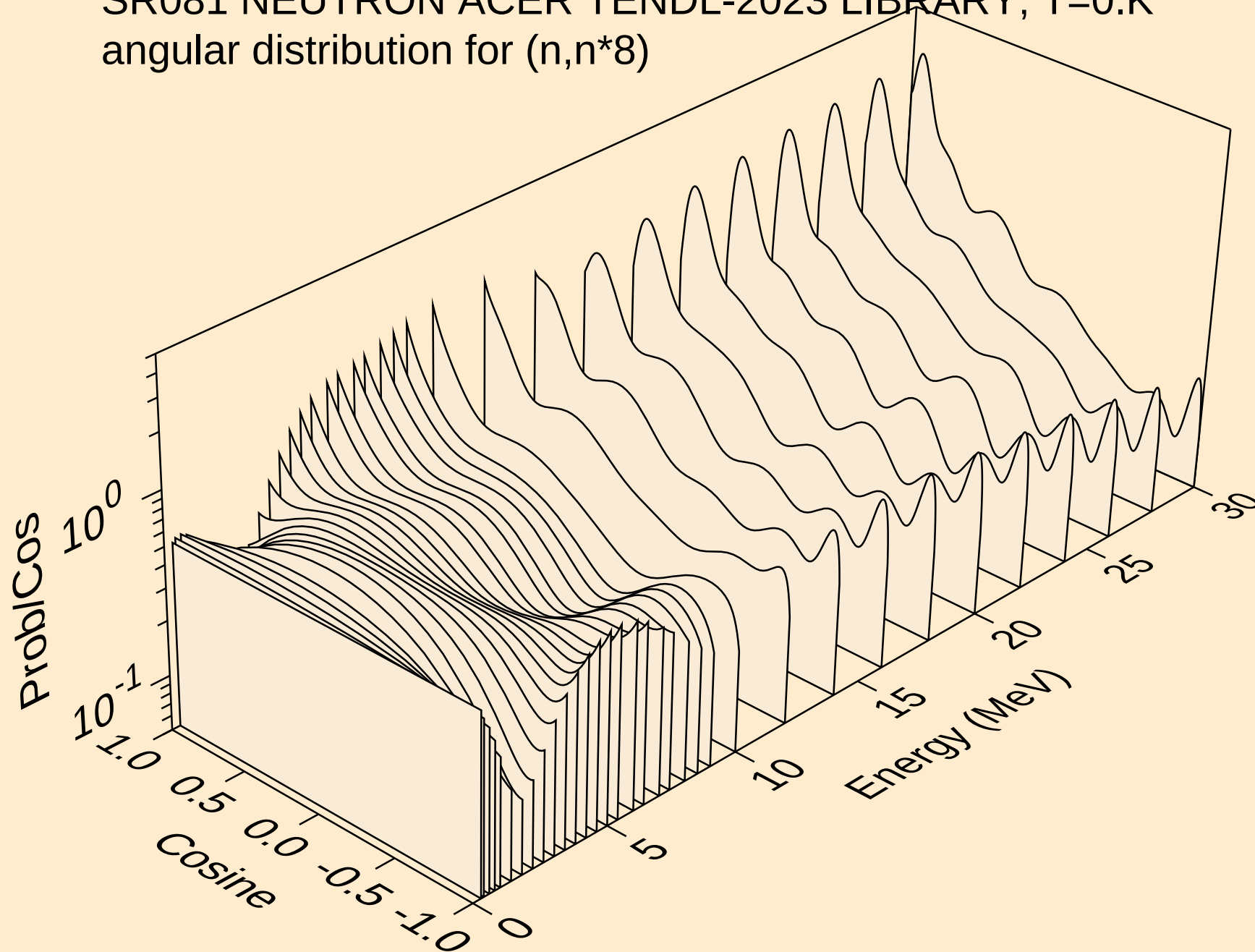


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angular distribution for (n,n\*7)

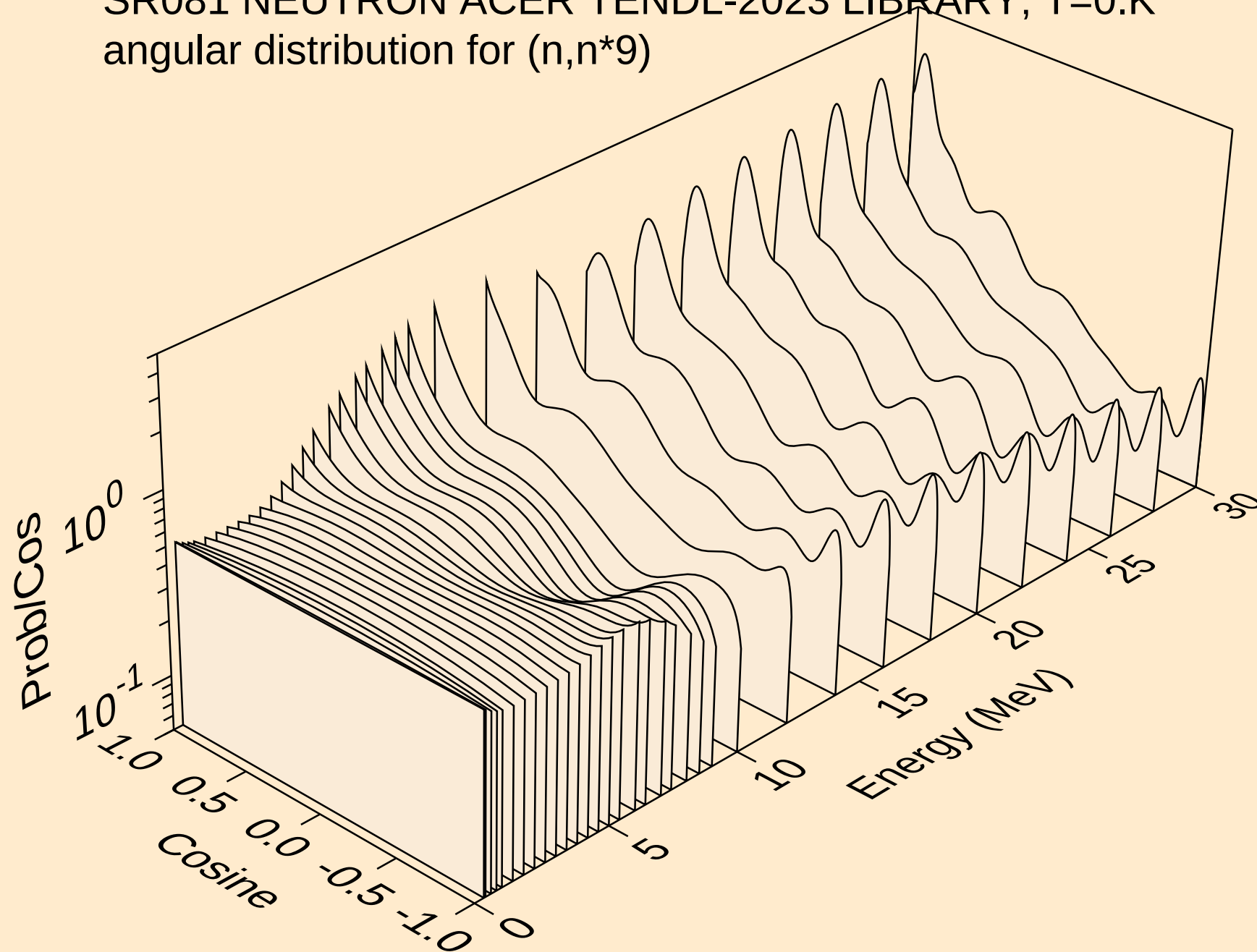




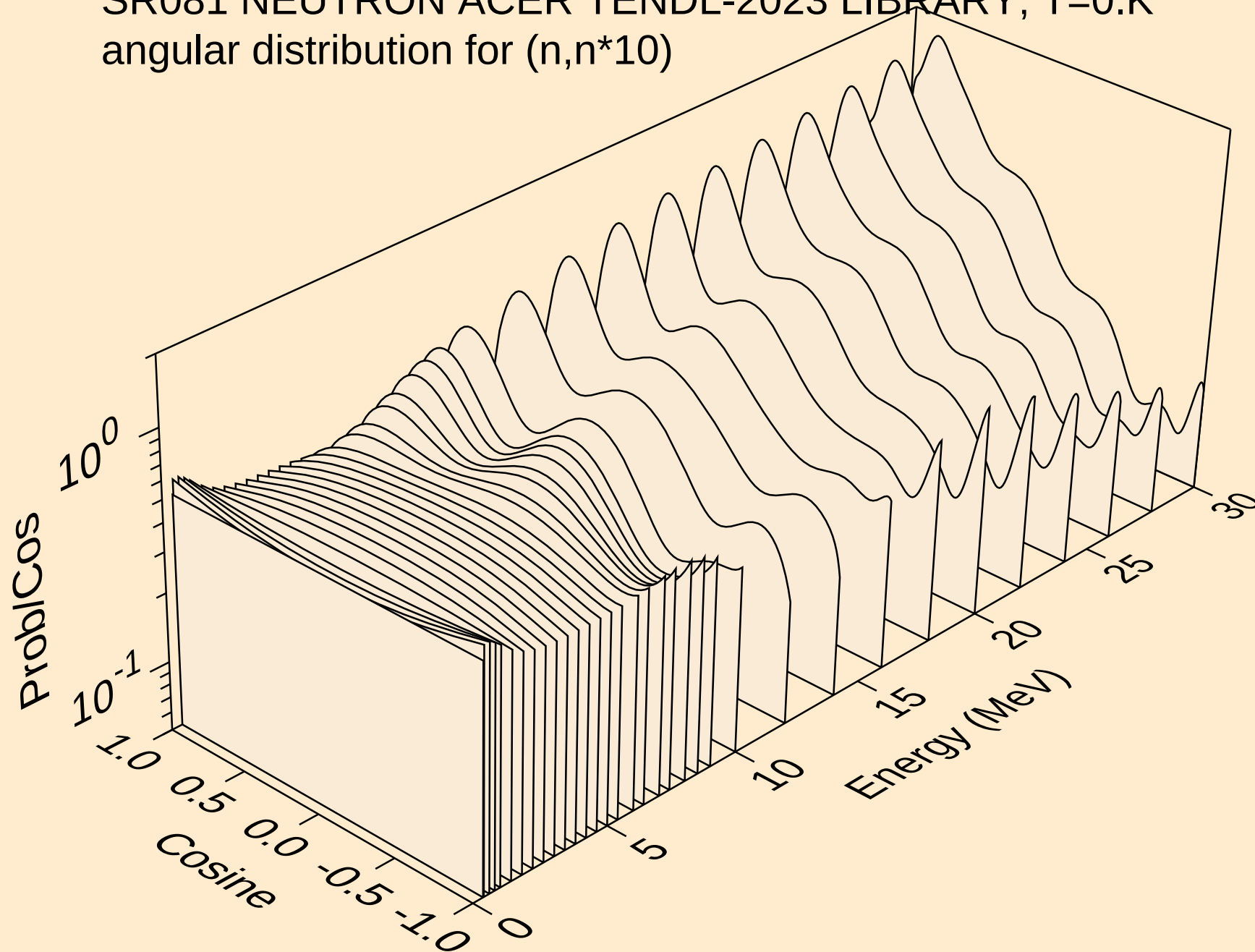
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angular distribution for (n,n\*8)



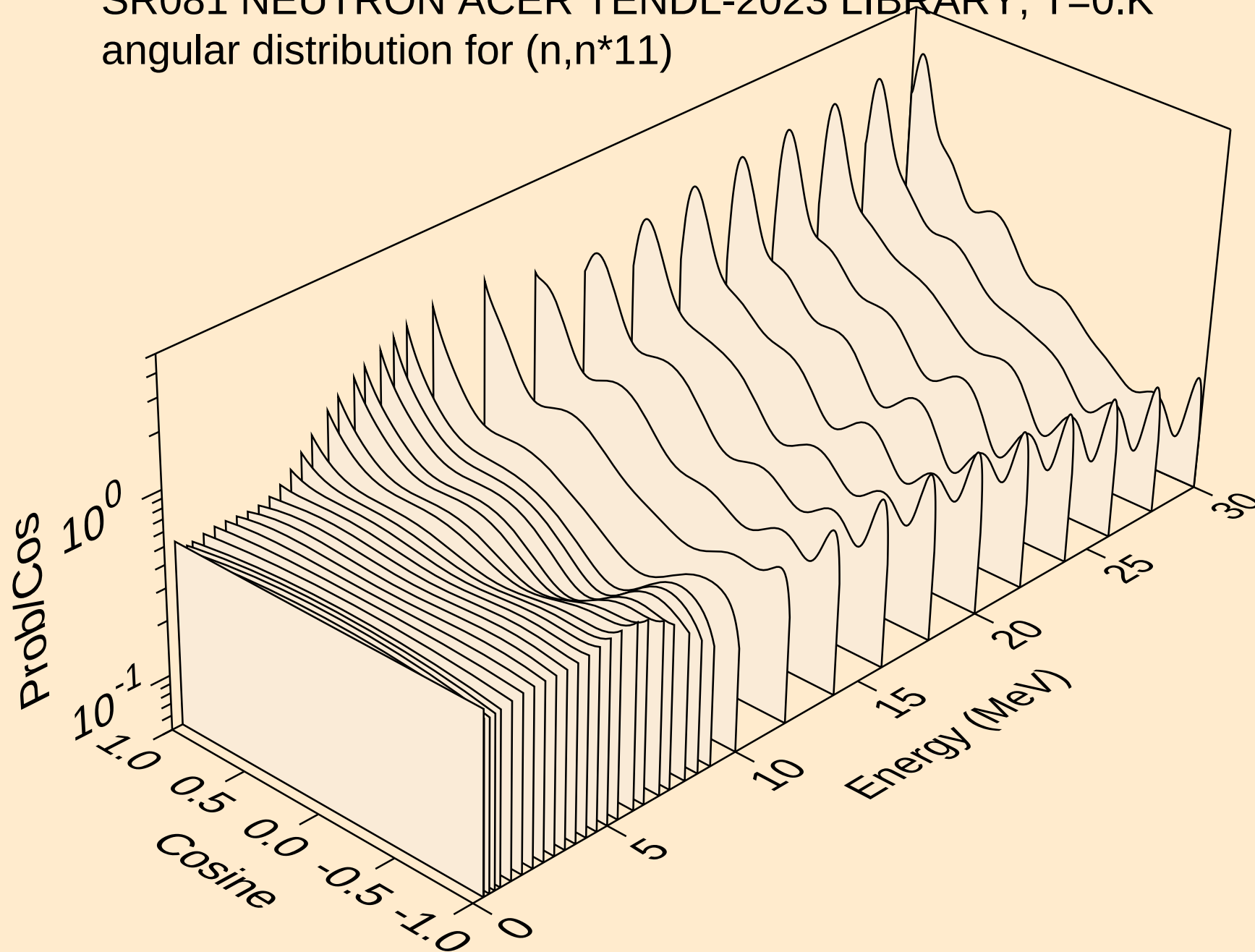
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angular distribution for (n,n\*9)



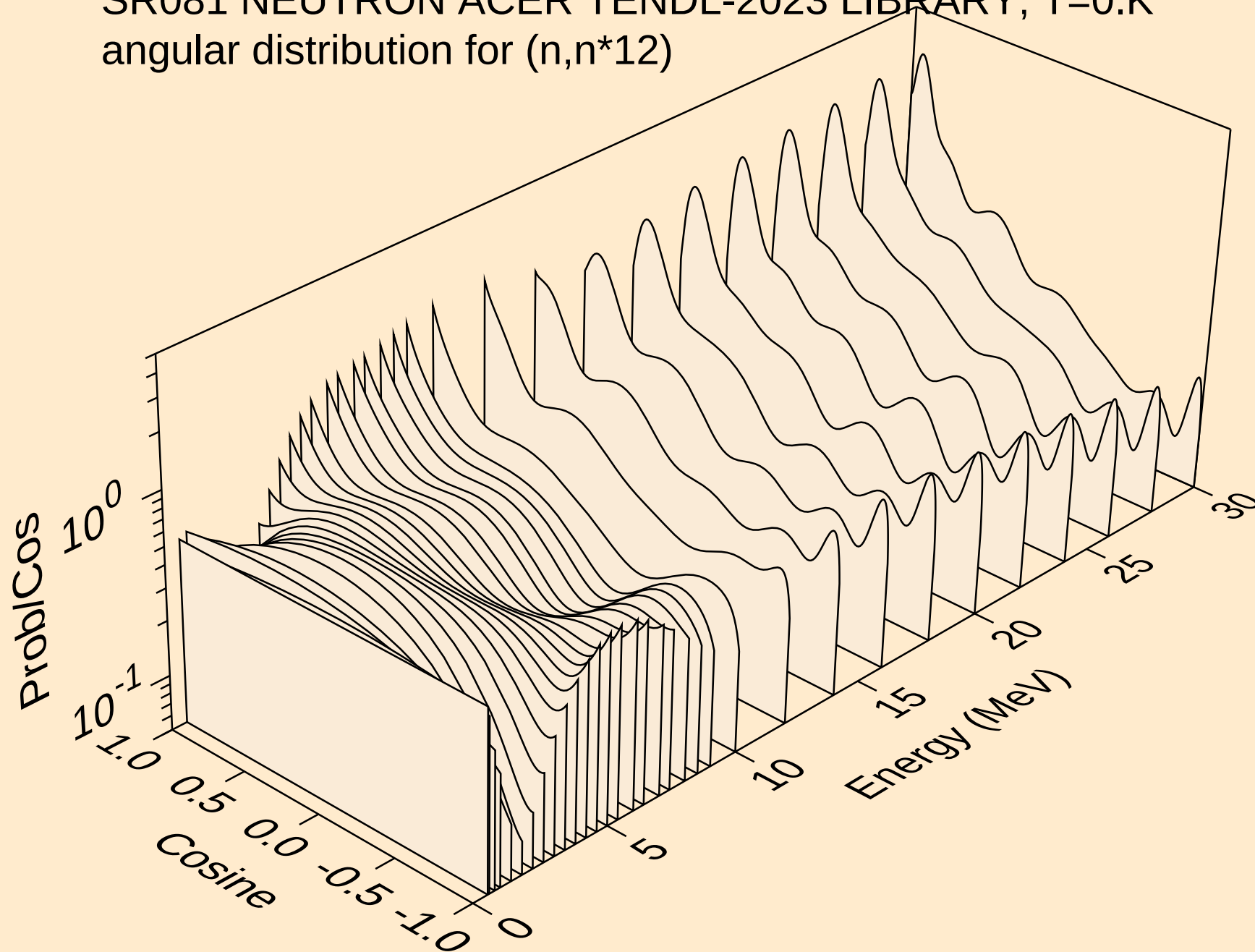
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angular distribution for (n,n\*10)



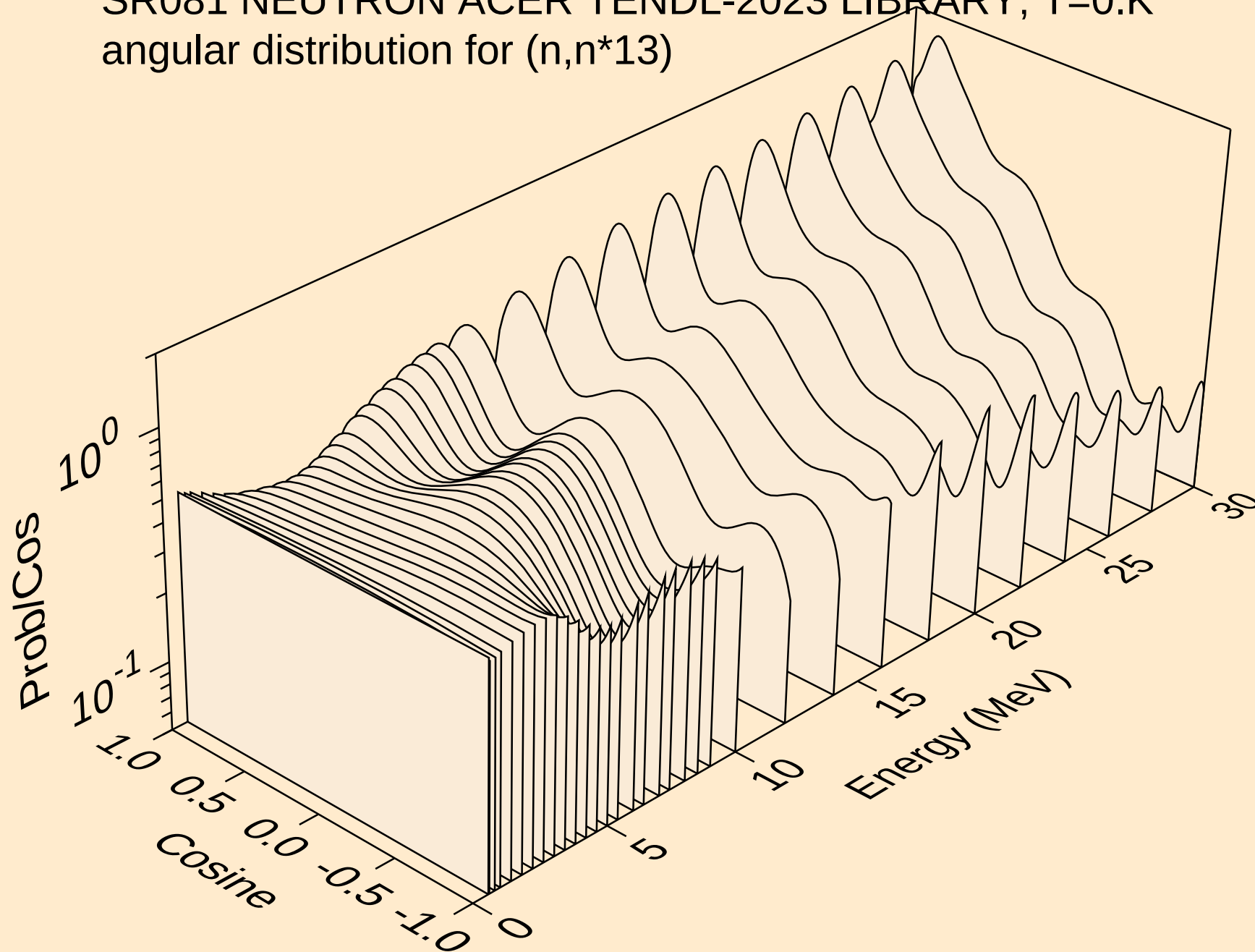
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angular distribution for (n,n\*11)



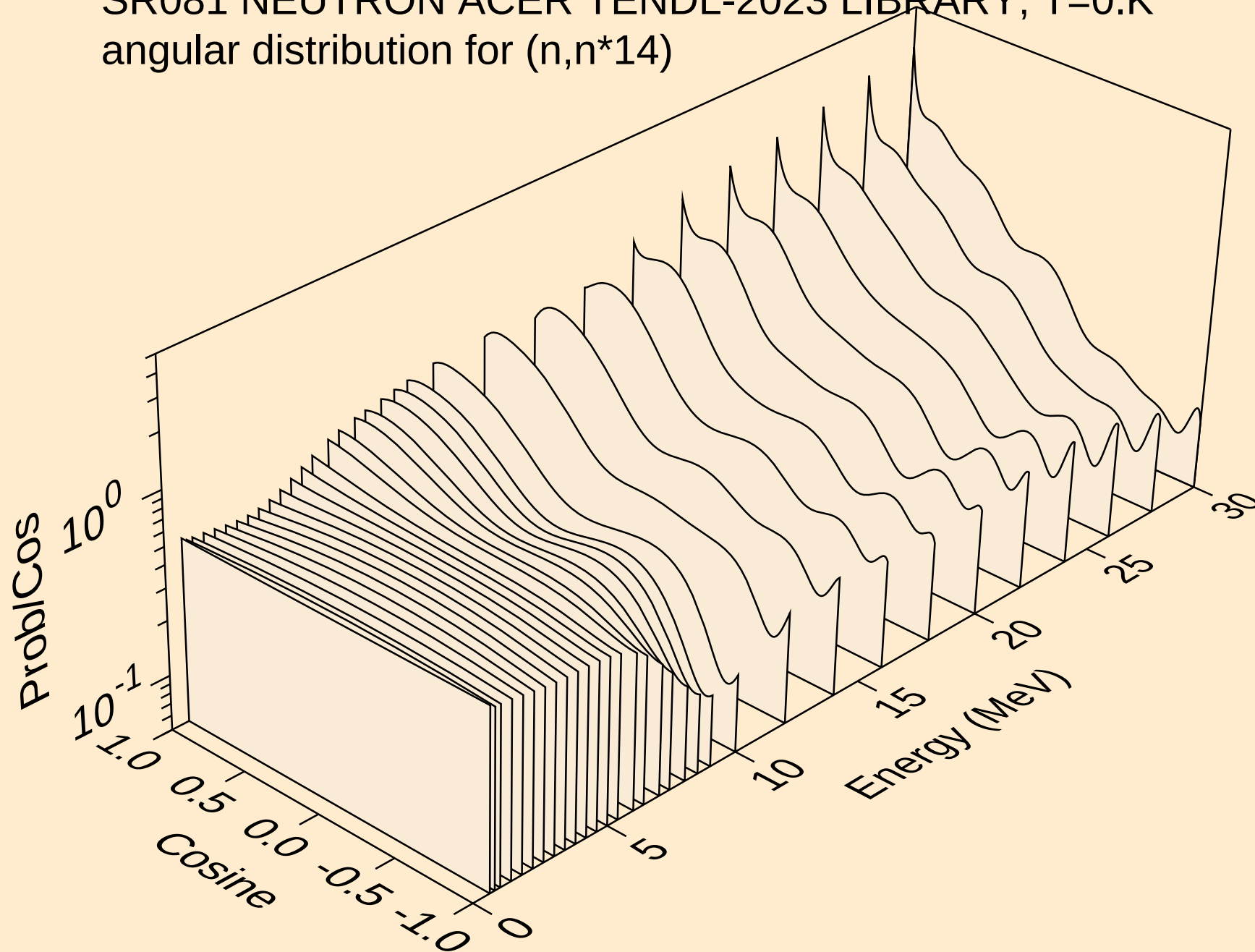
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angular distribution for (n,n\*12)



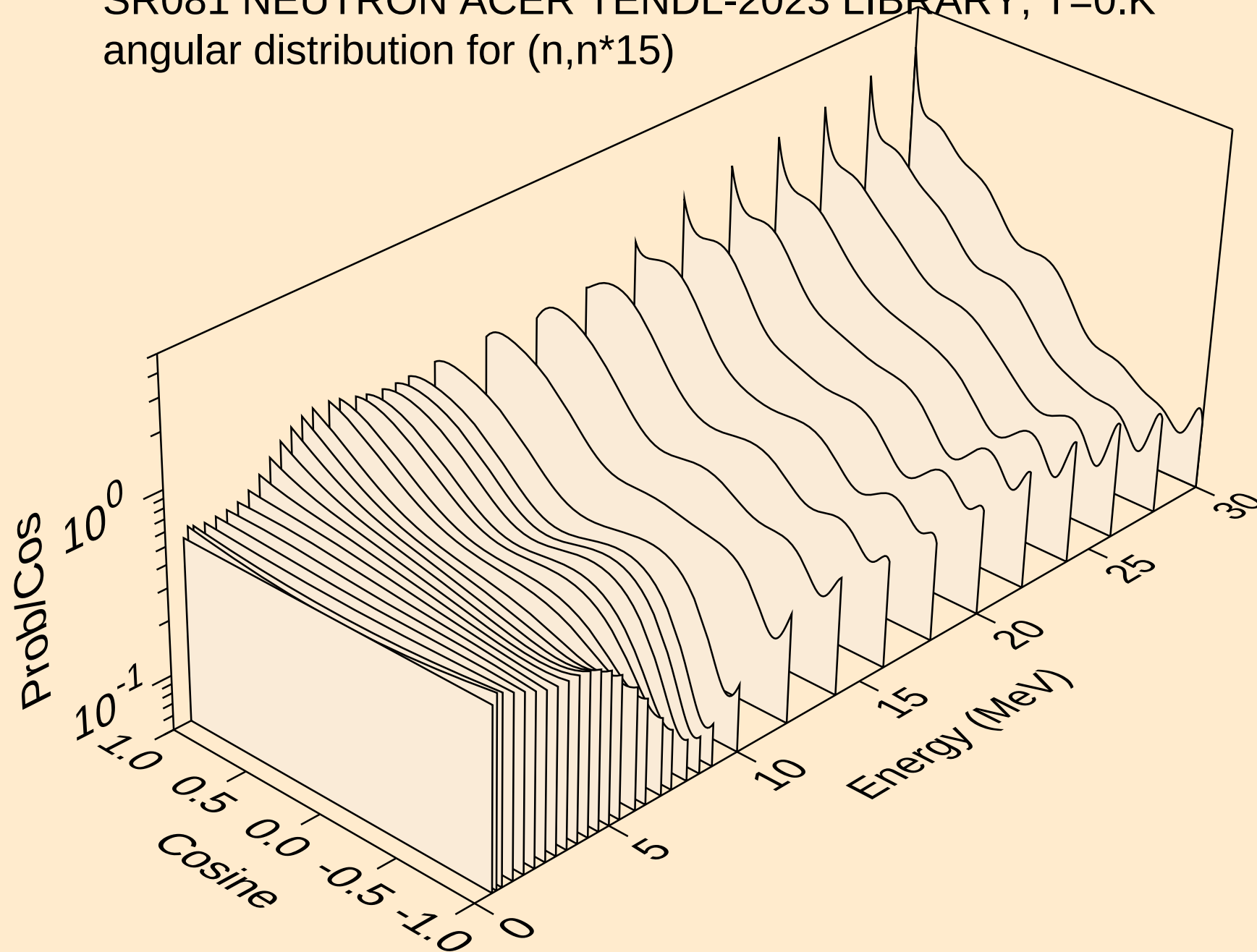
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

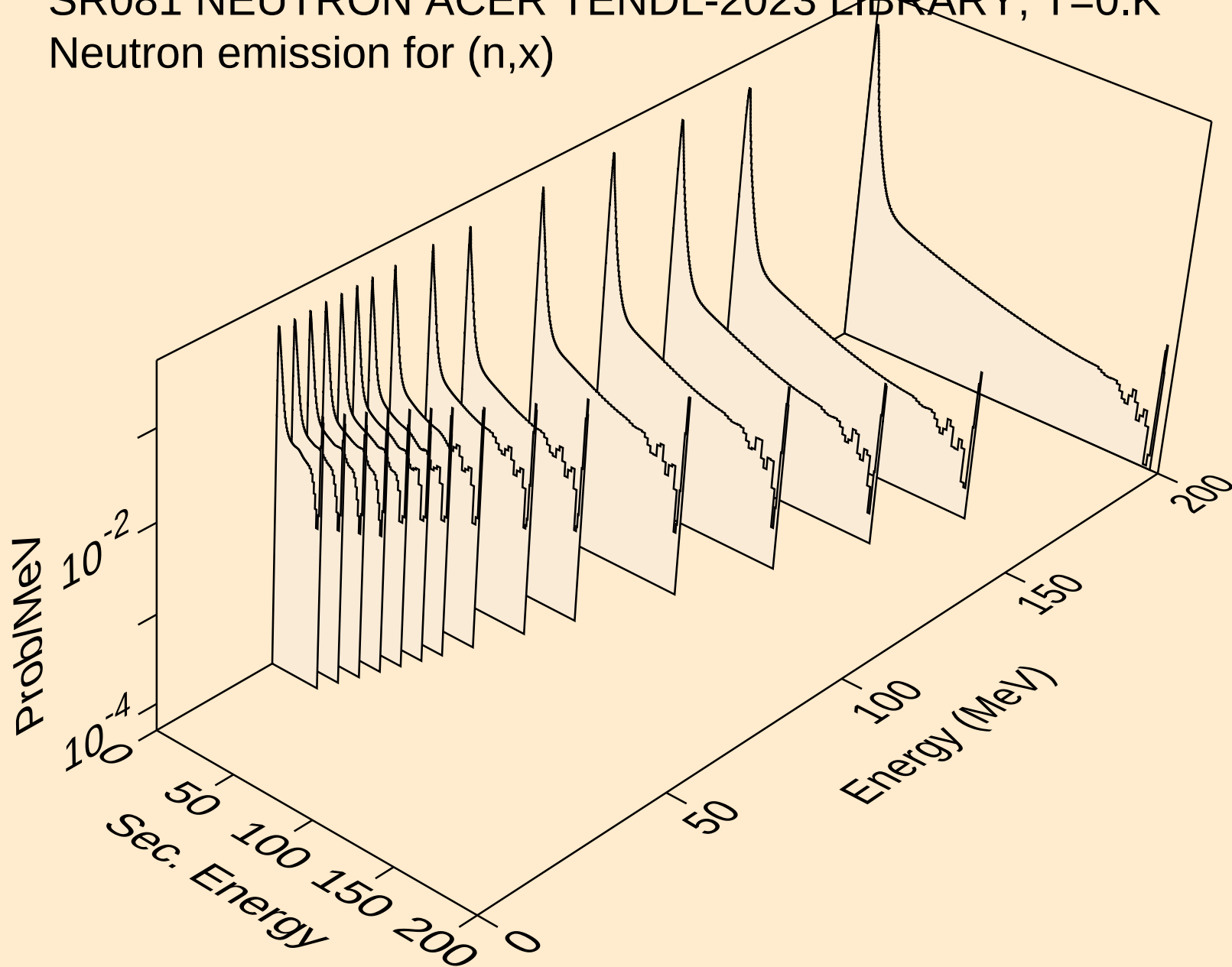


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

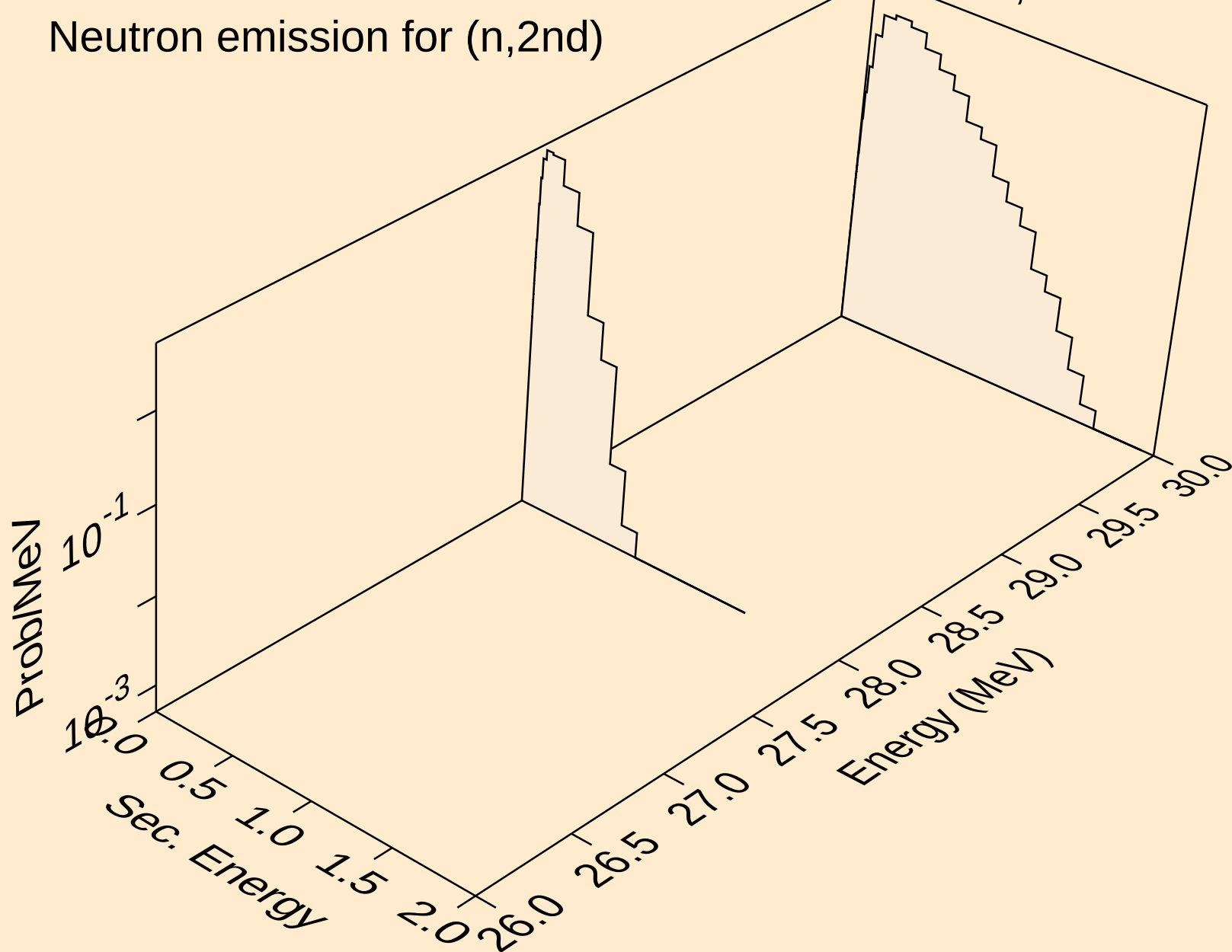




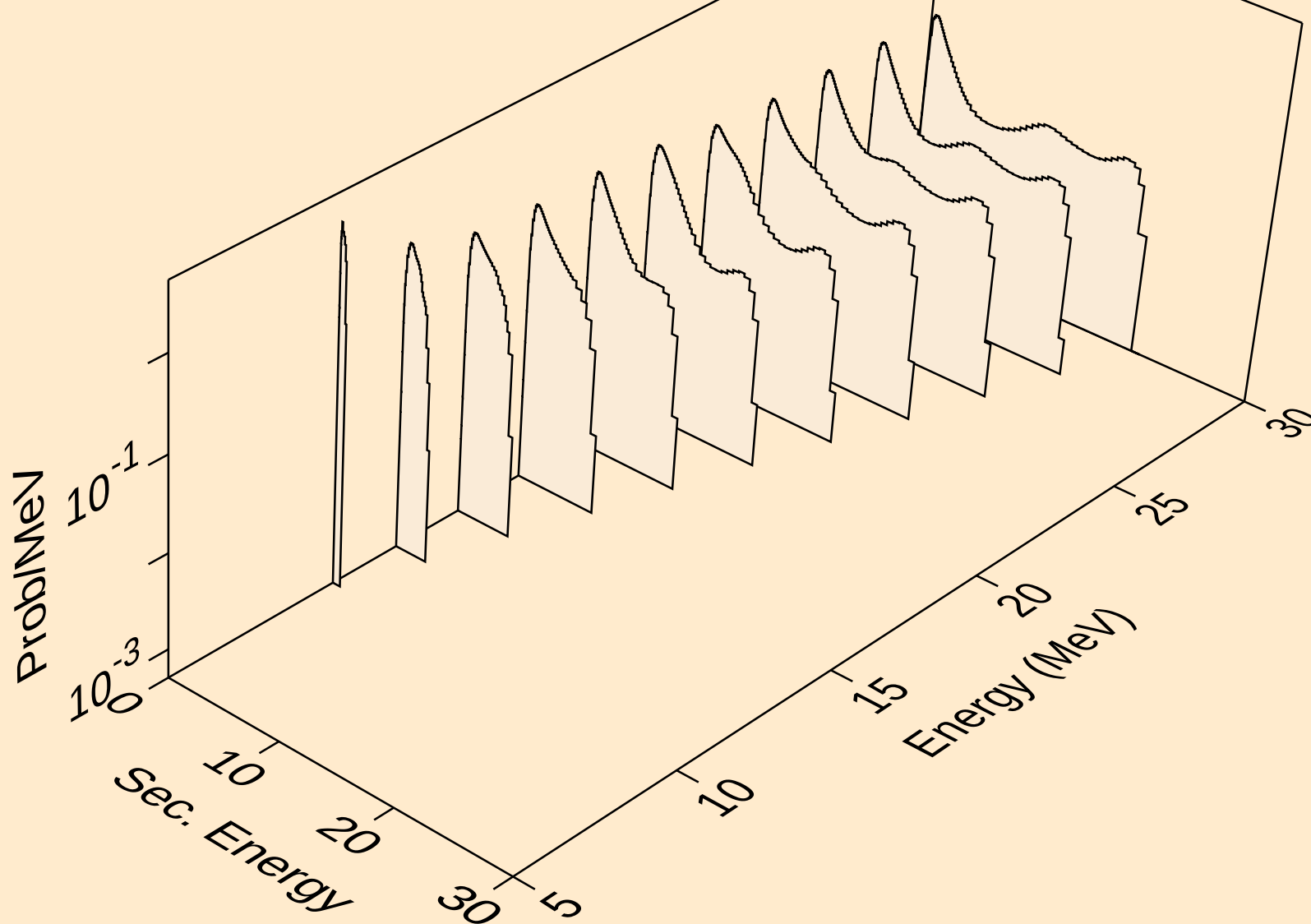
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



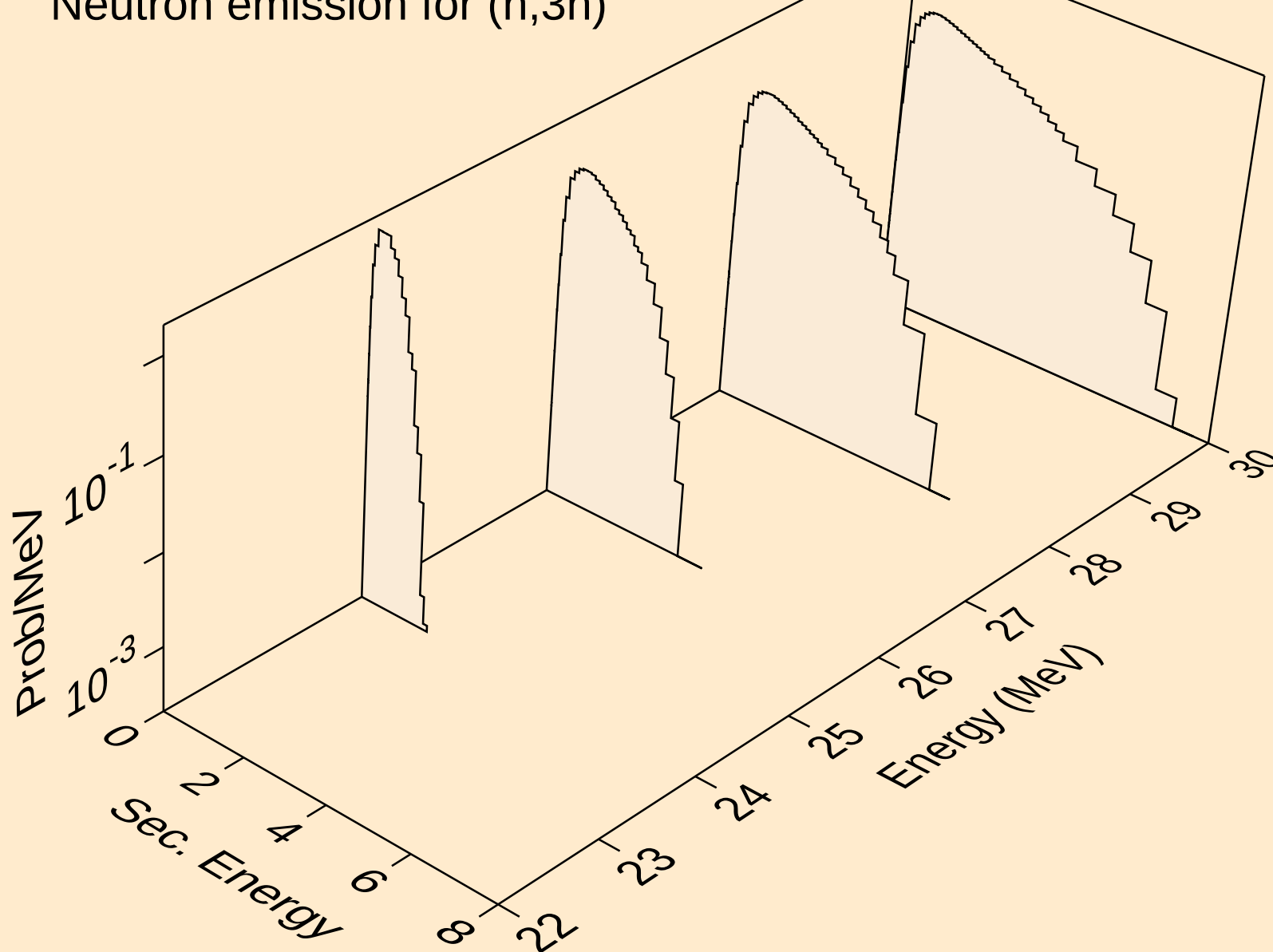
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



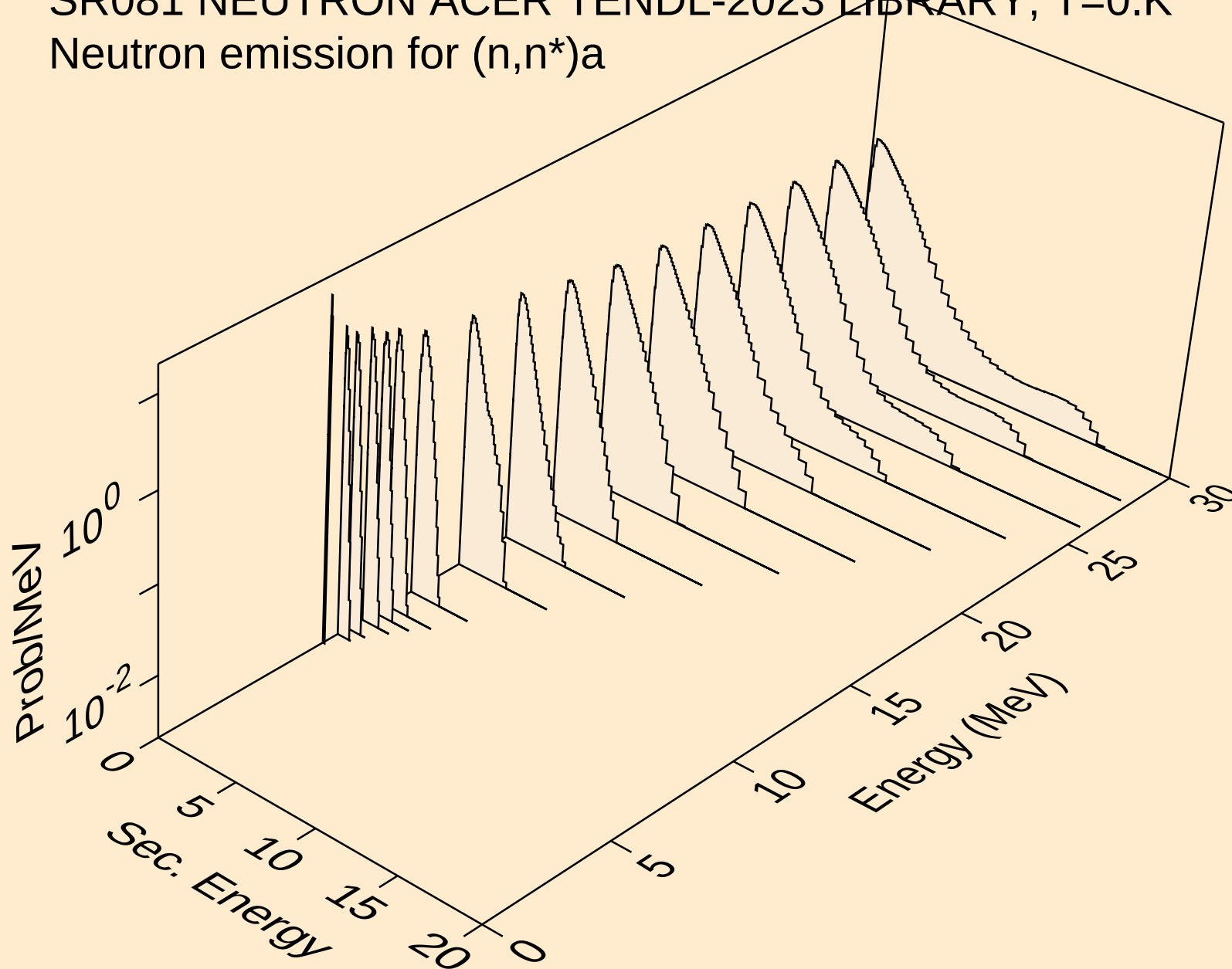
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



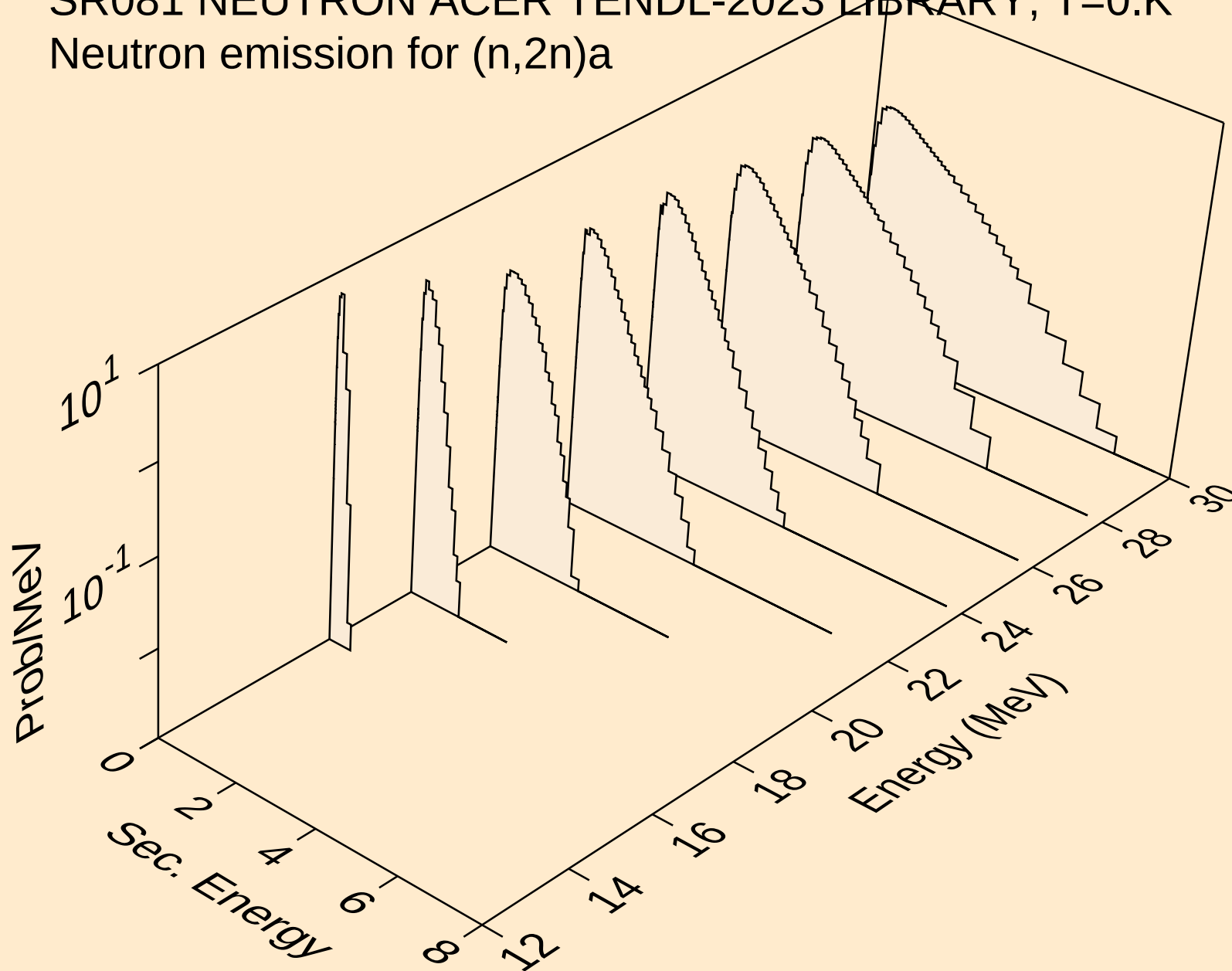
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



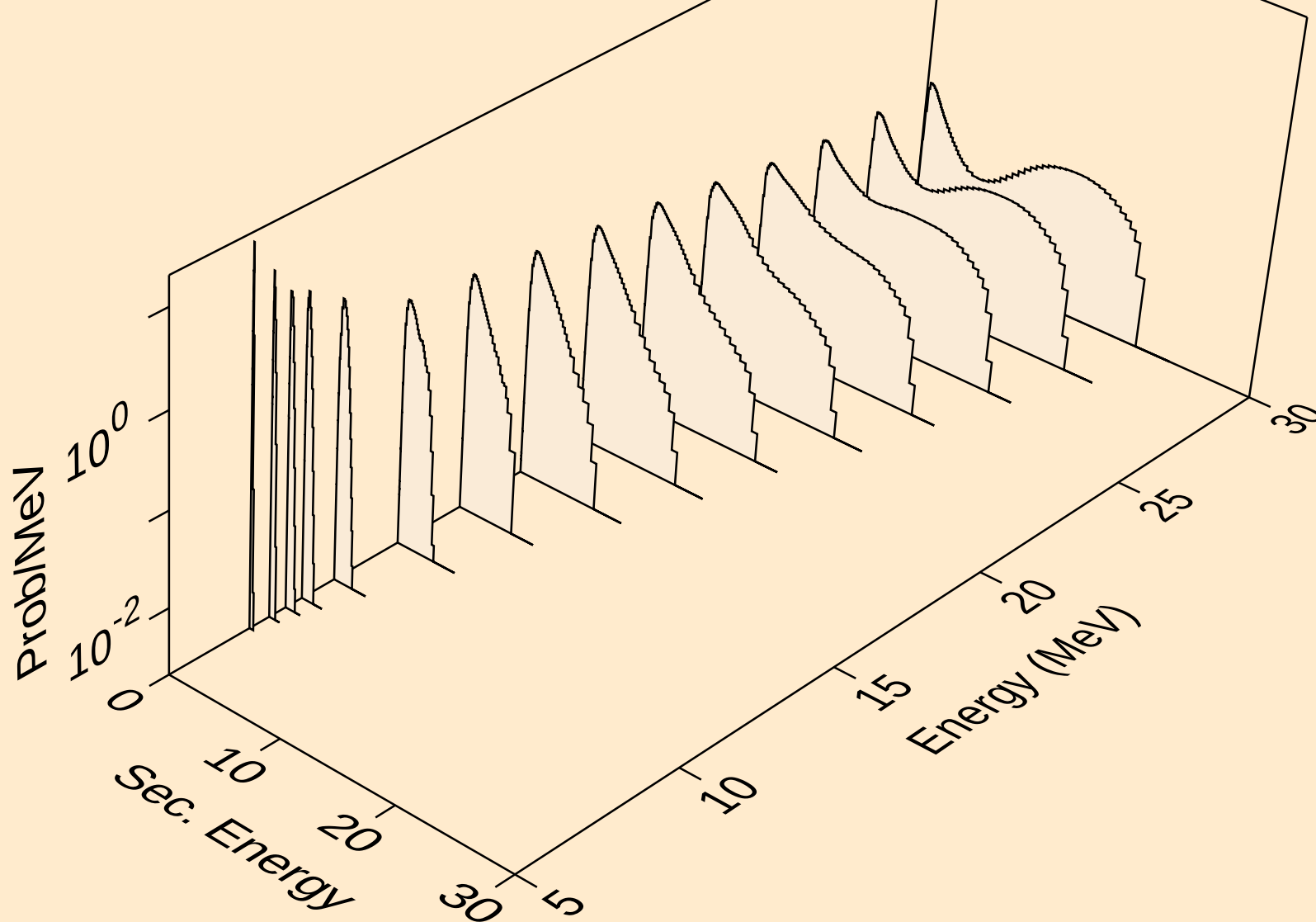
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

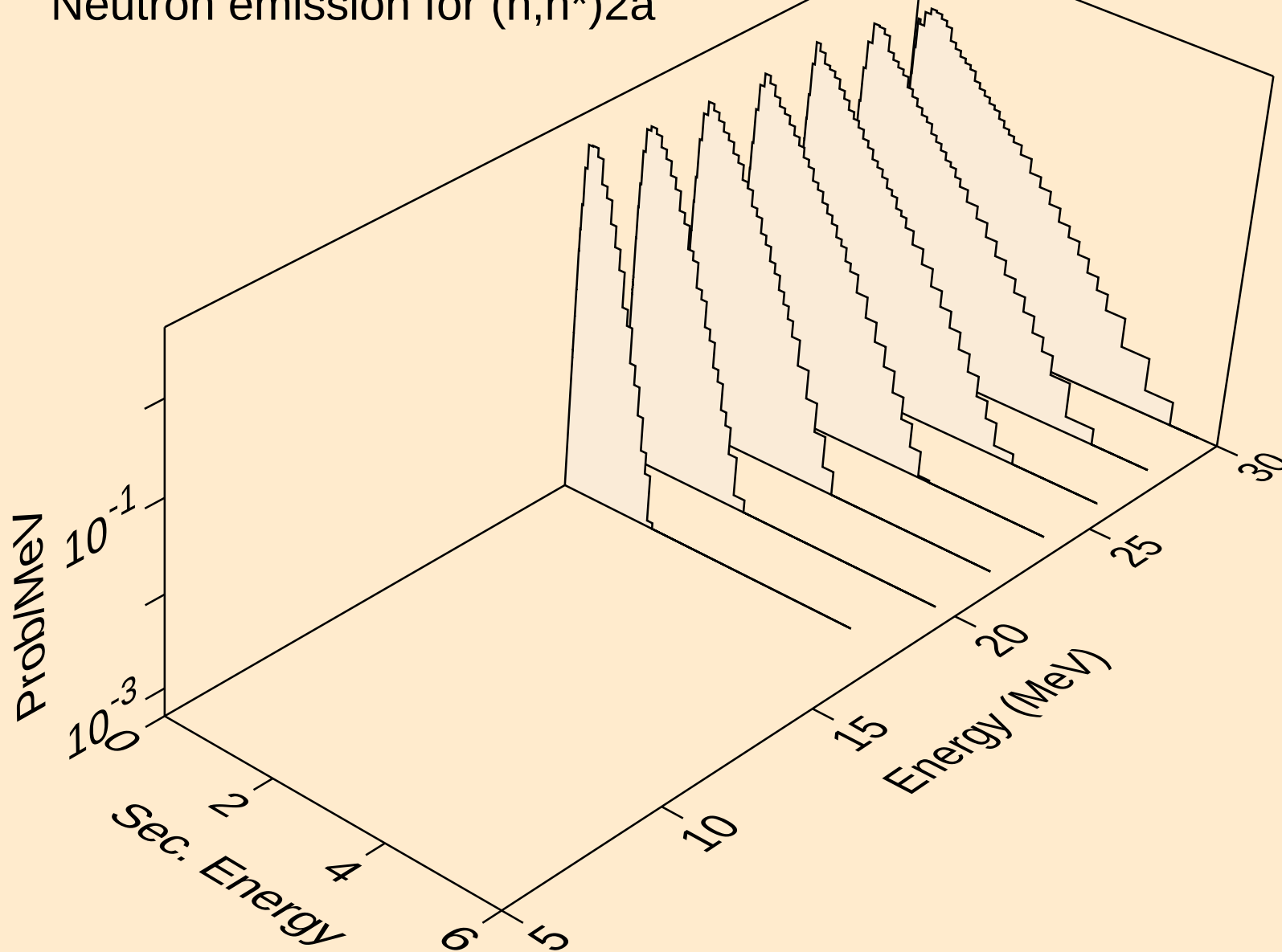


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



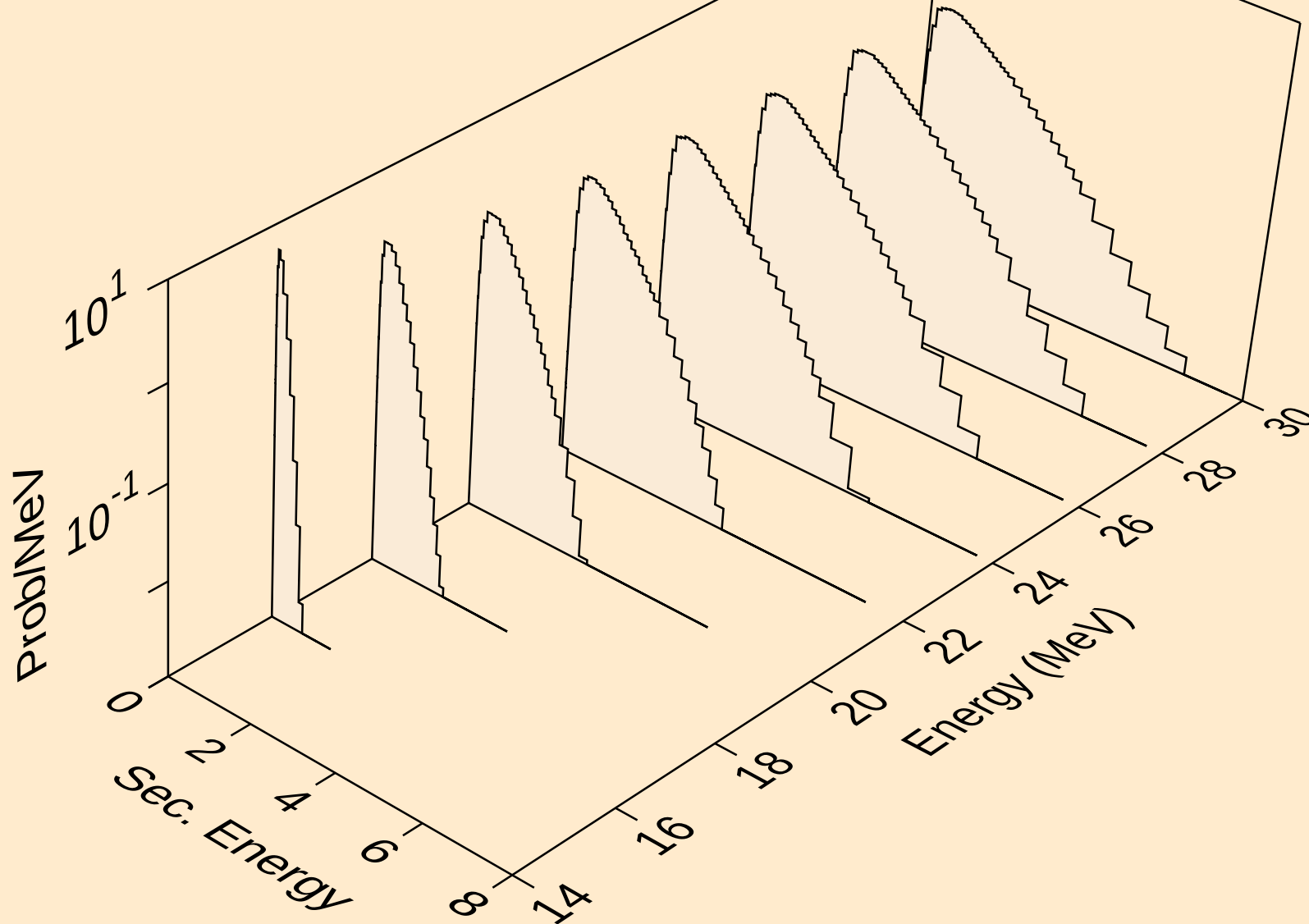
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

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



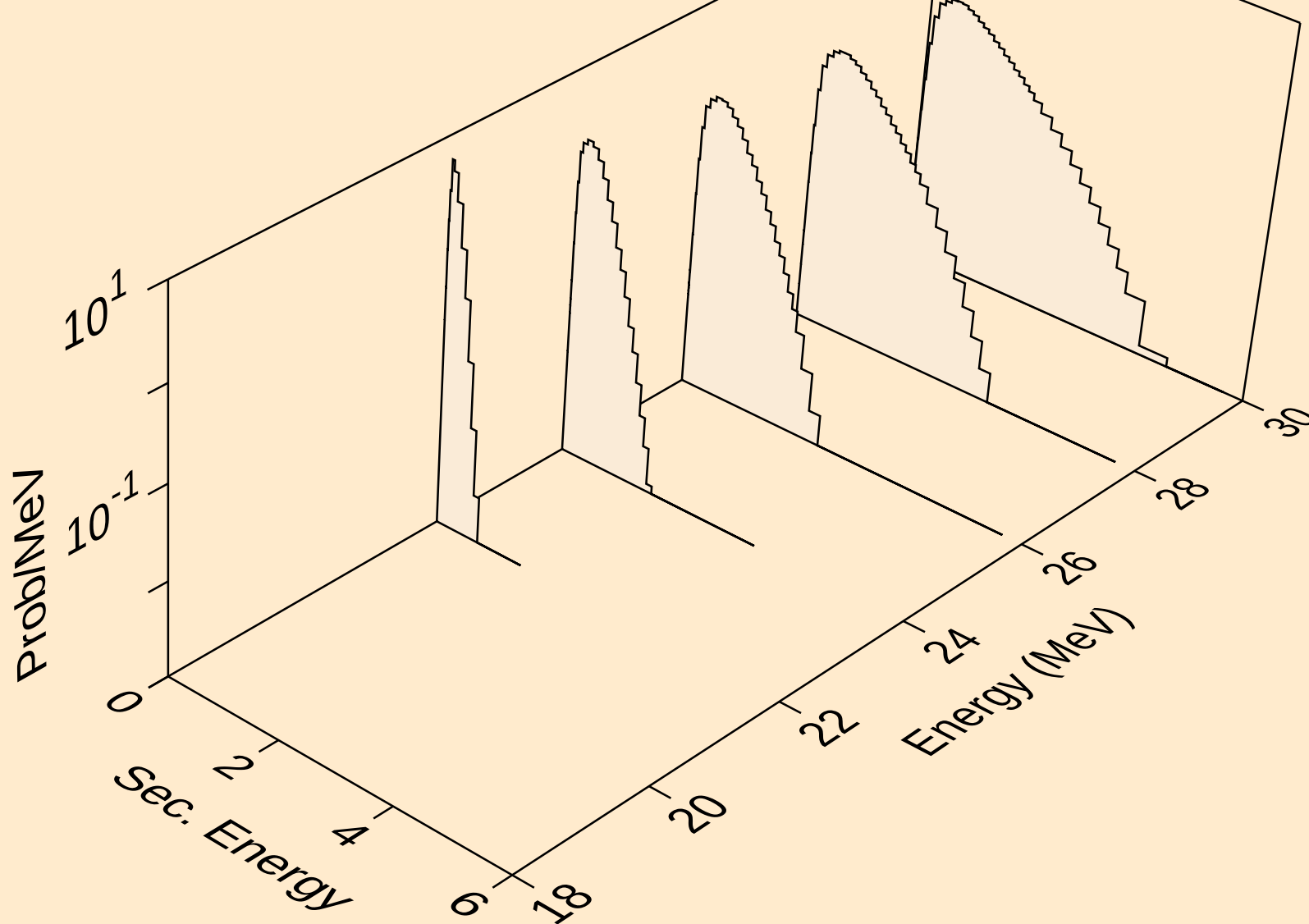


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

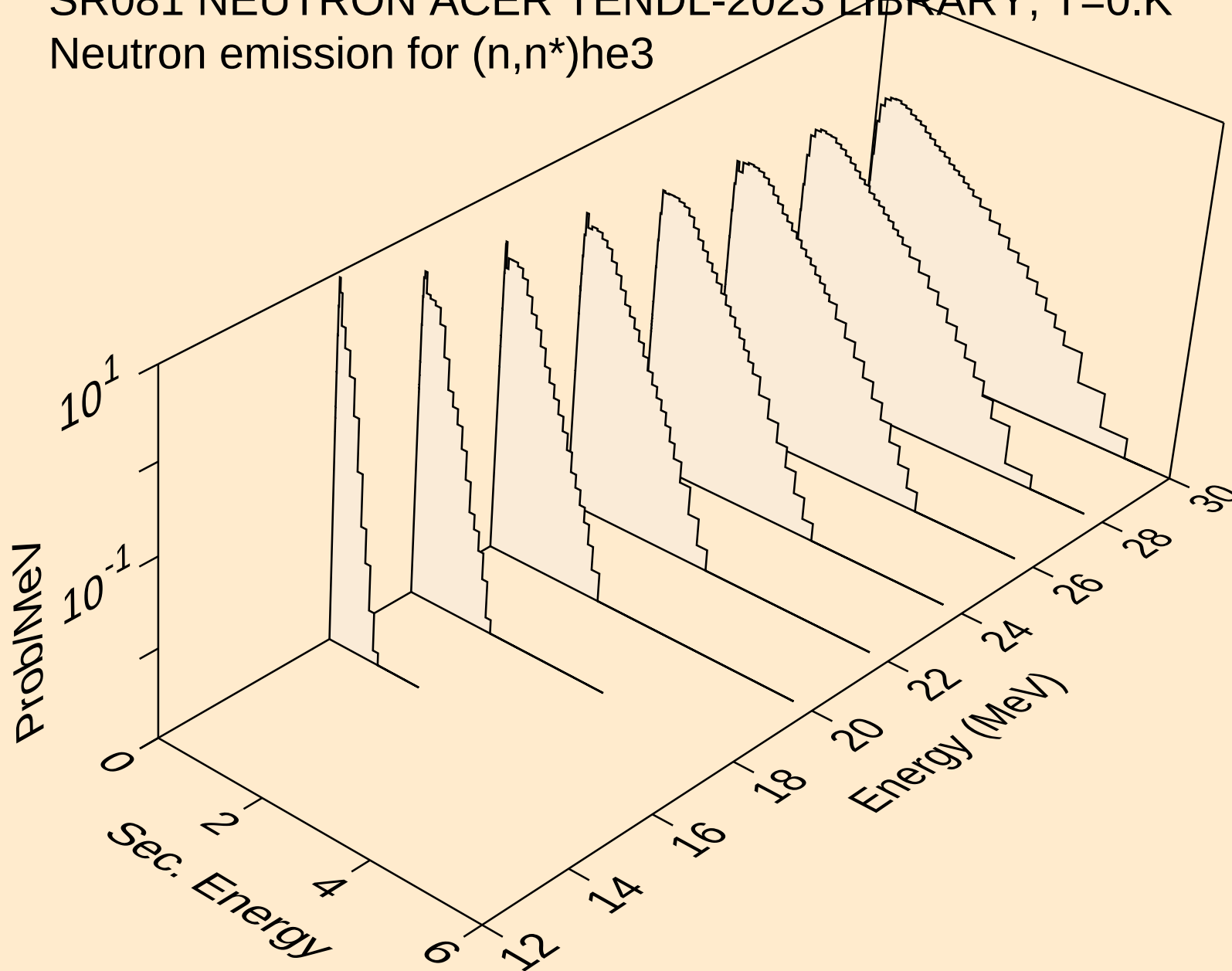


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

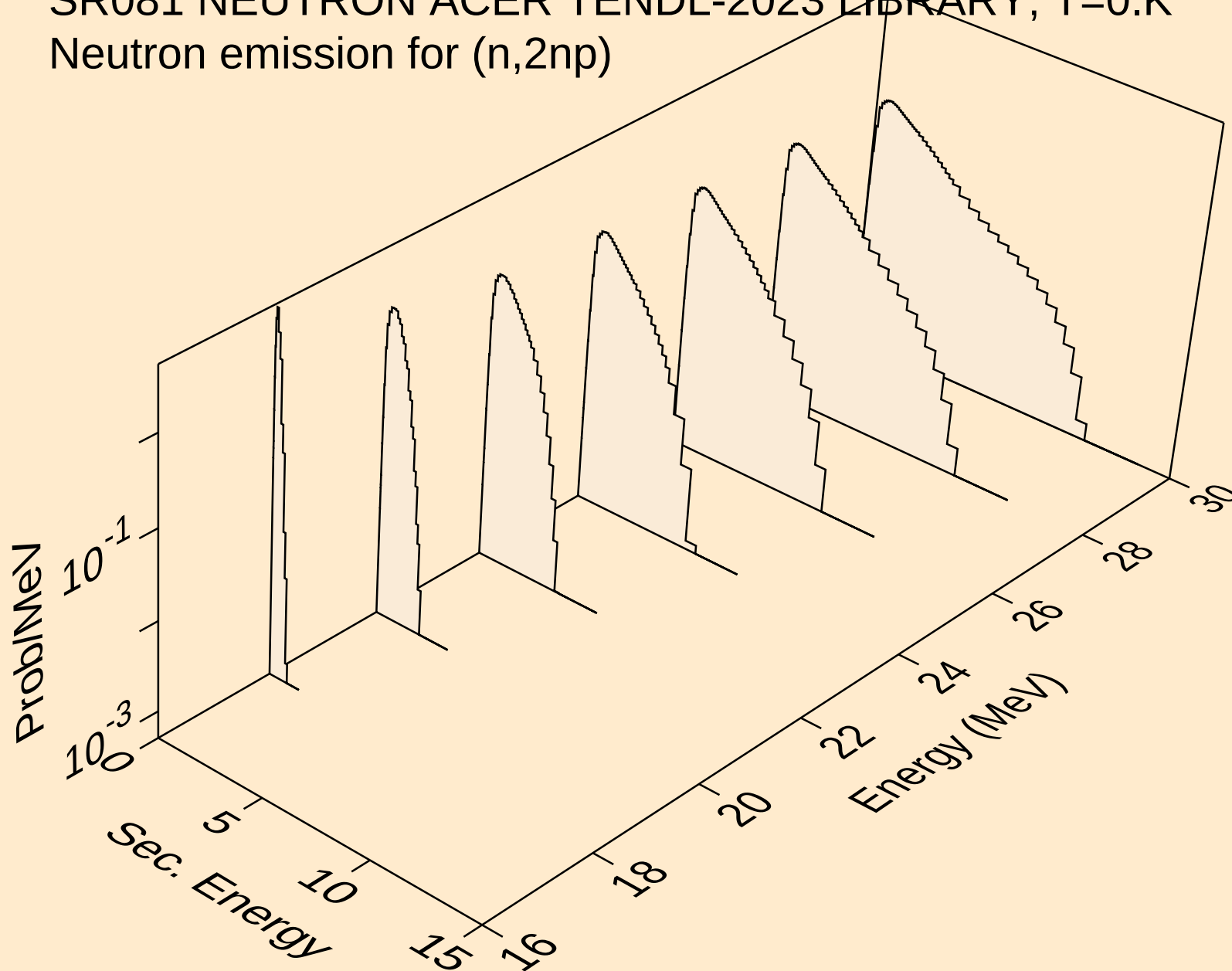
Neutron emission for (n,n\*)t



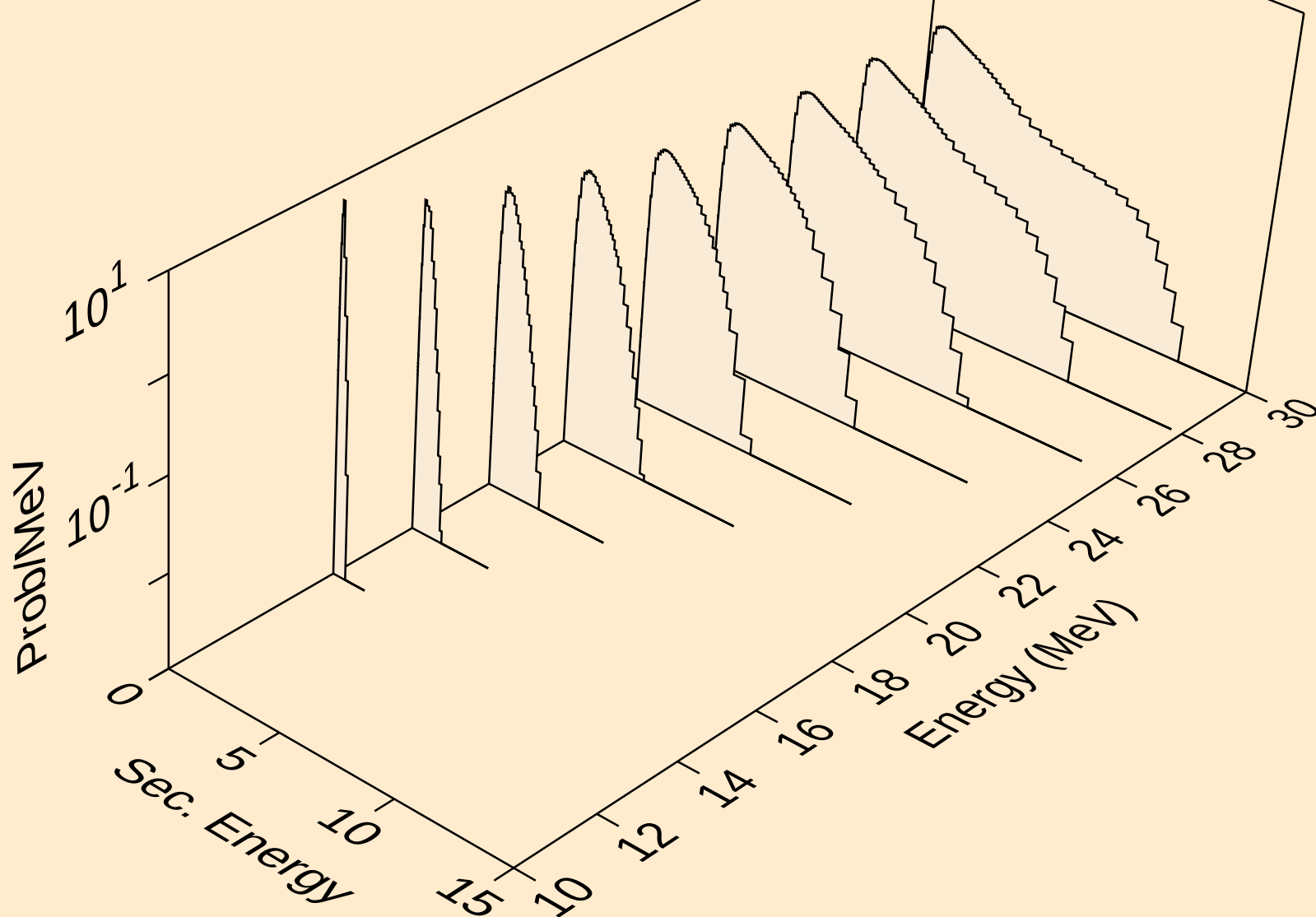
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



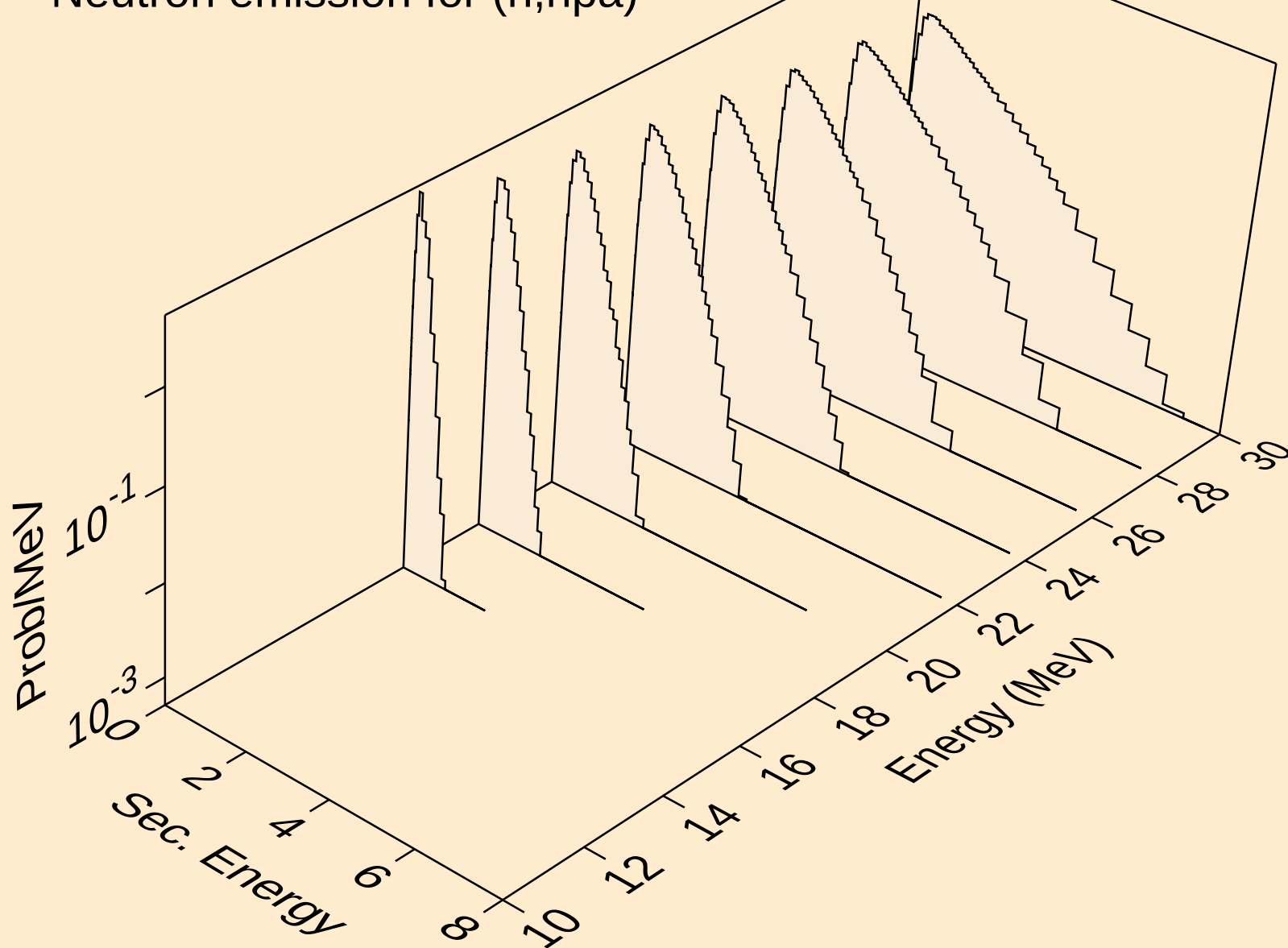
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



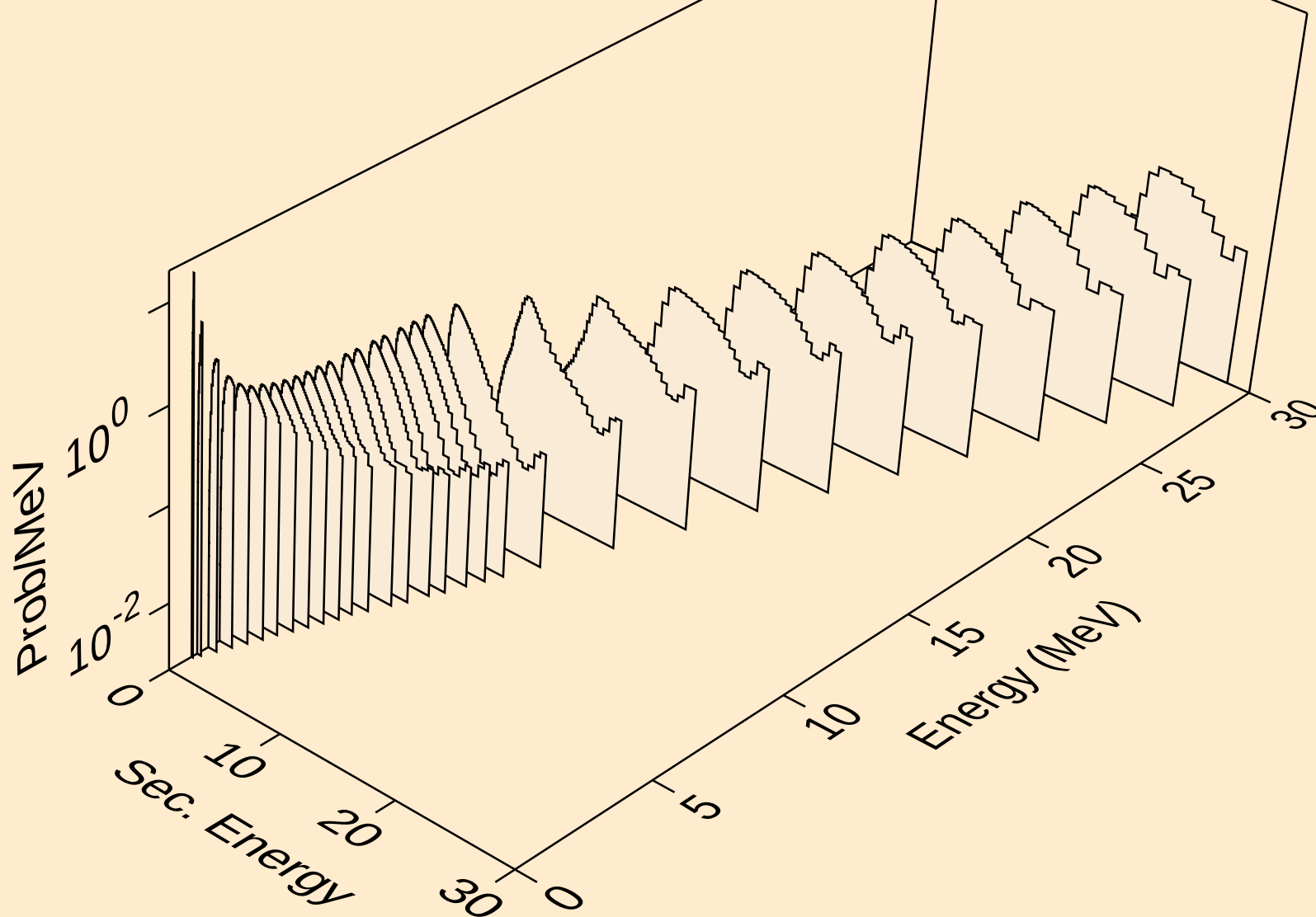
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



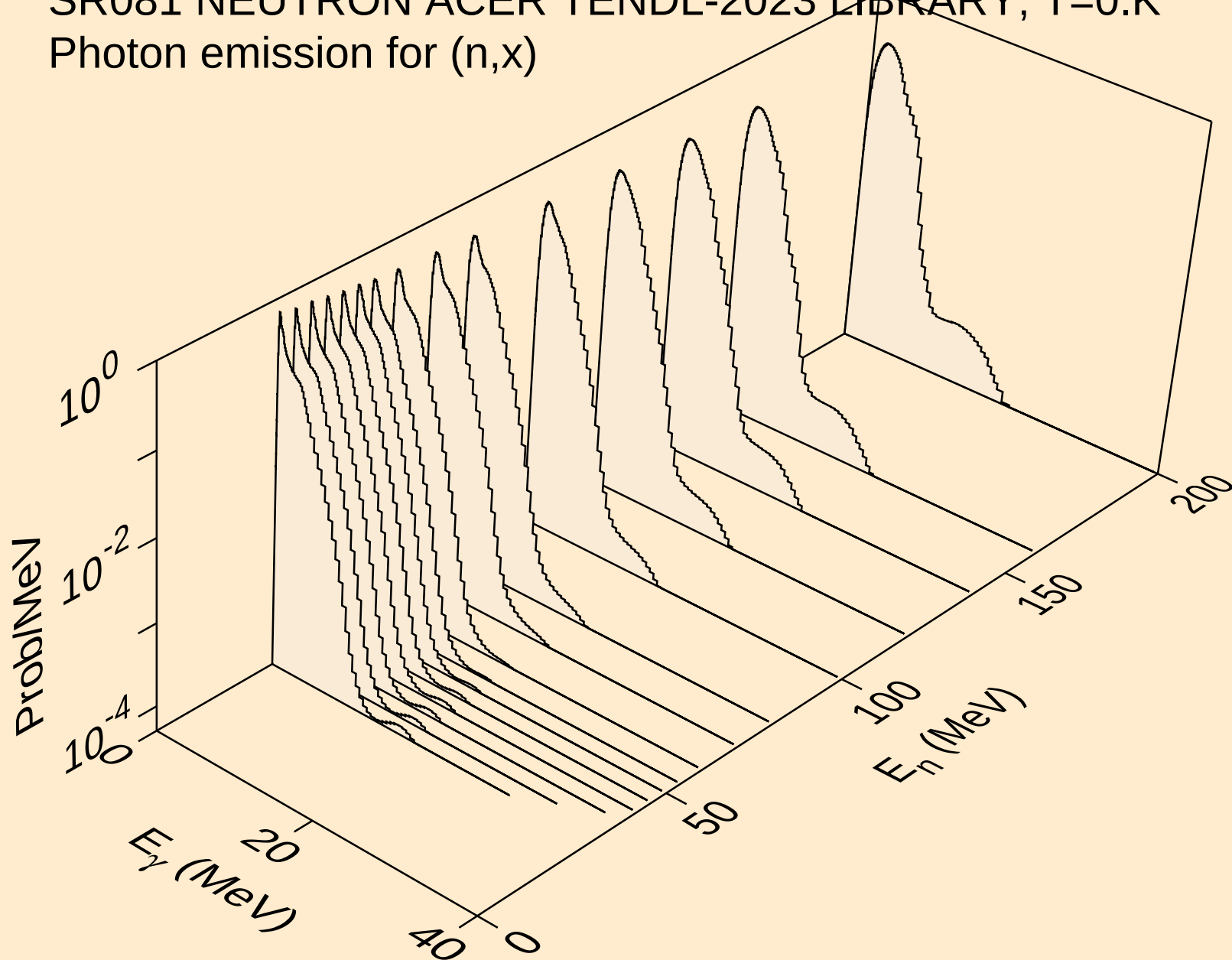
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

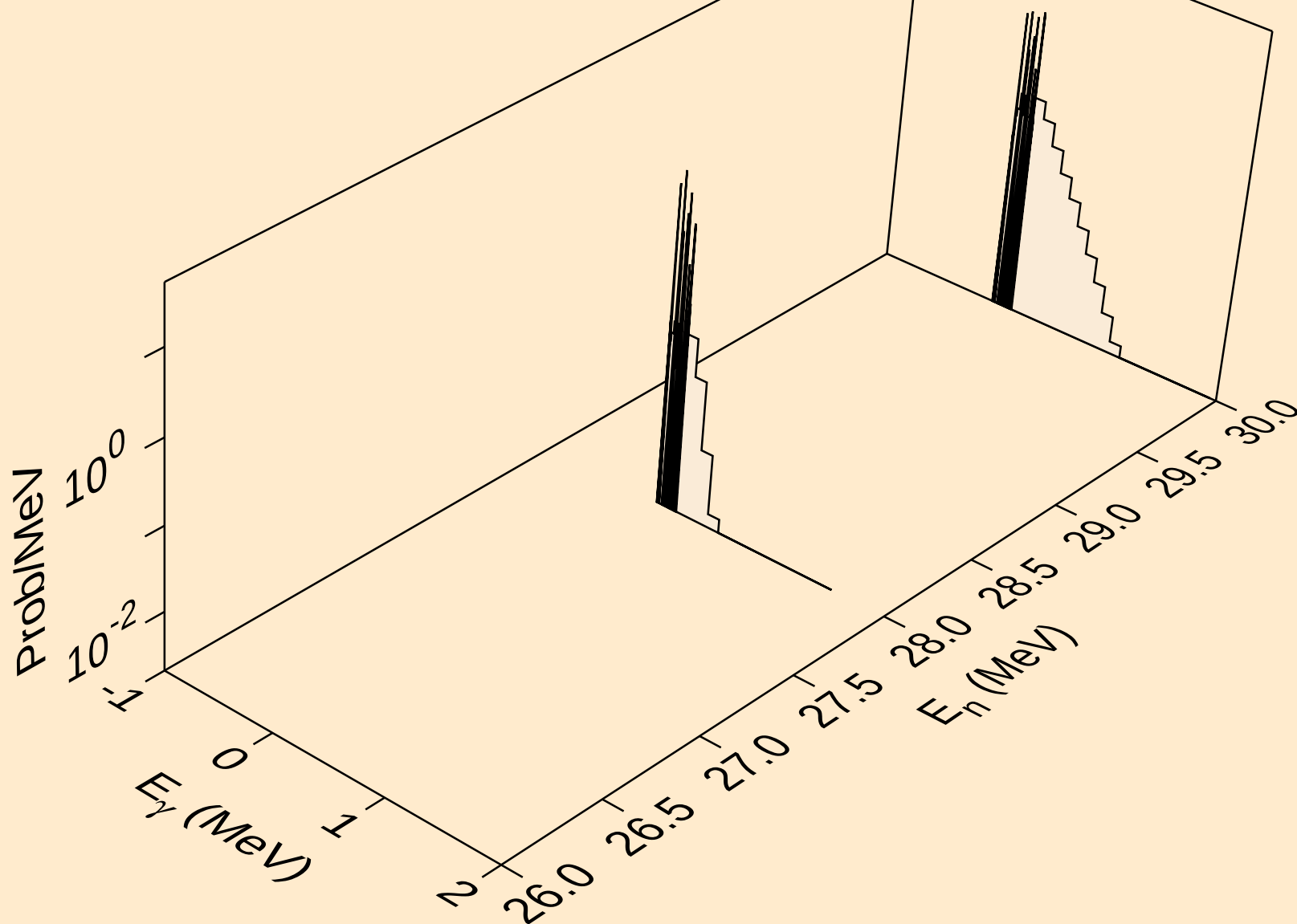


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

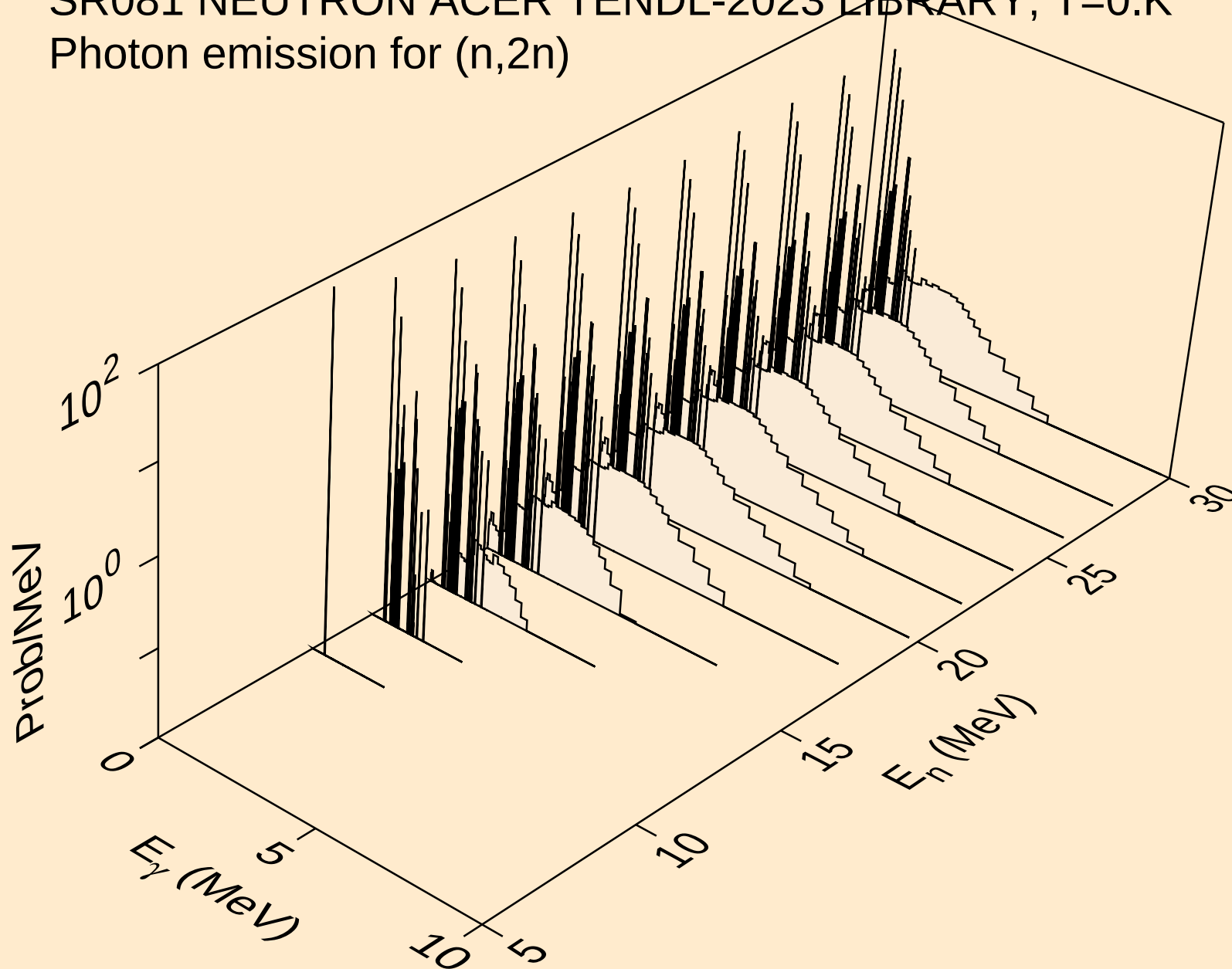




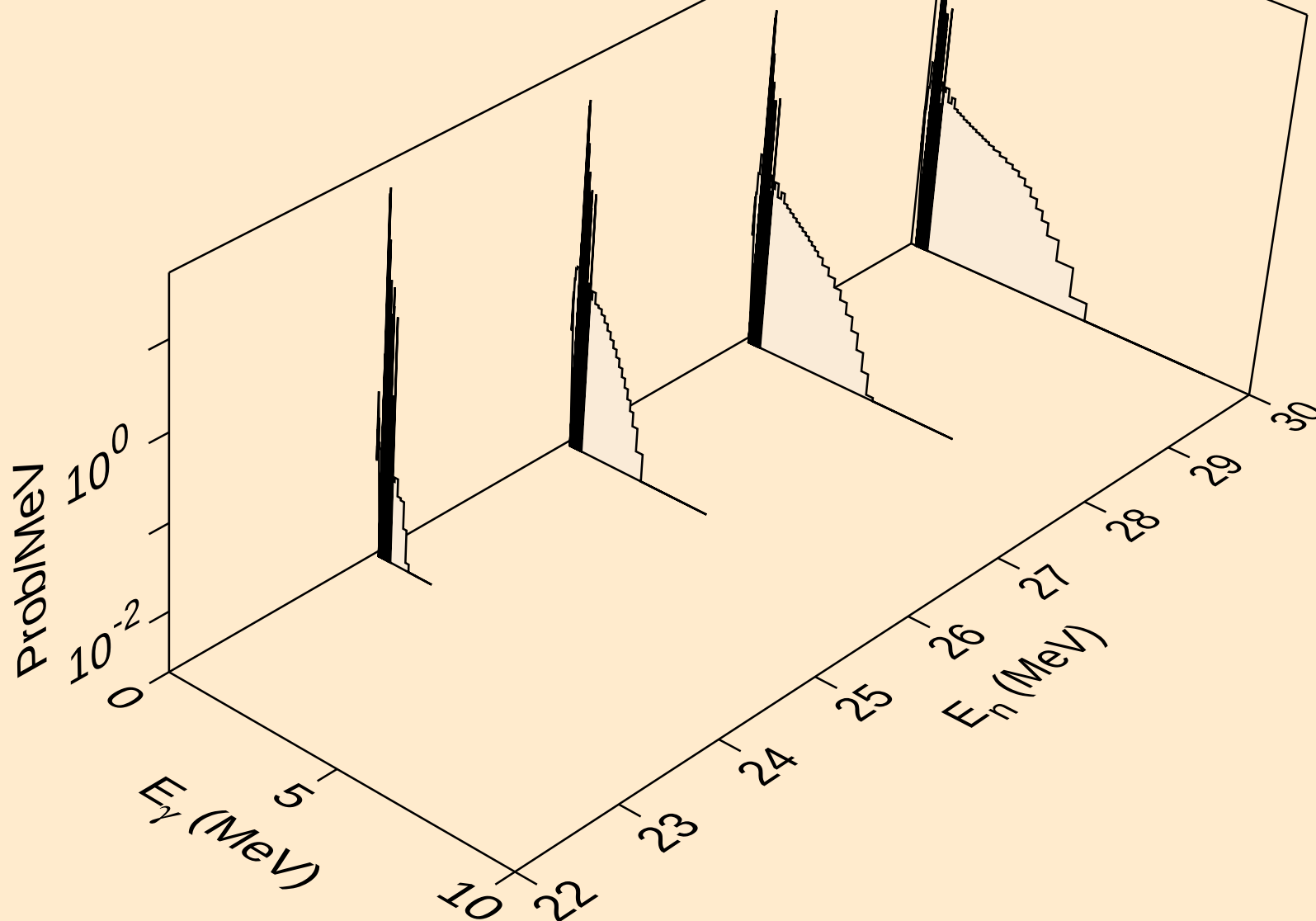
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

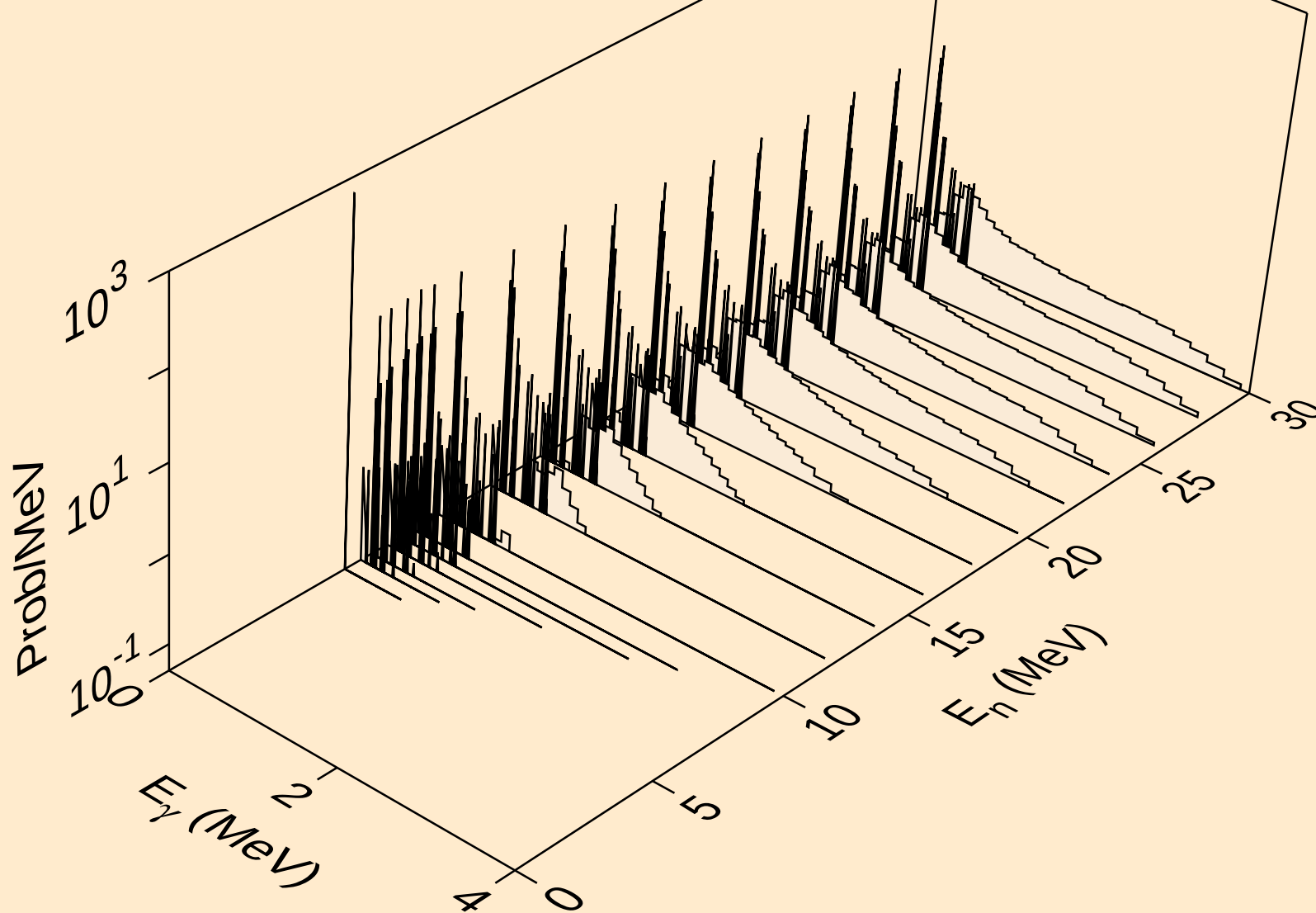


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

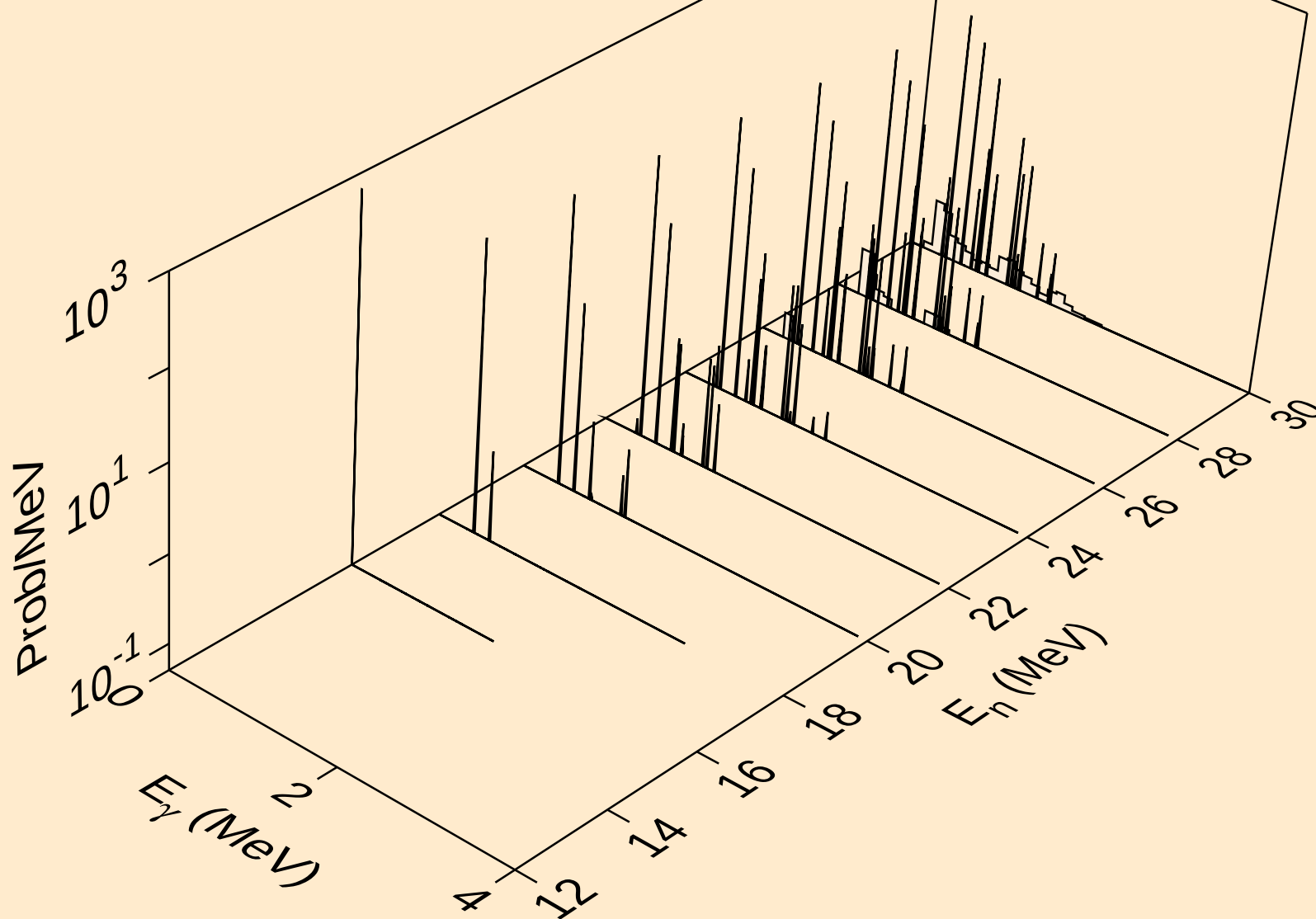


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a

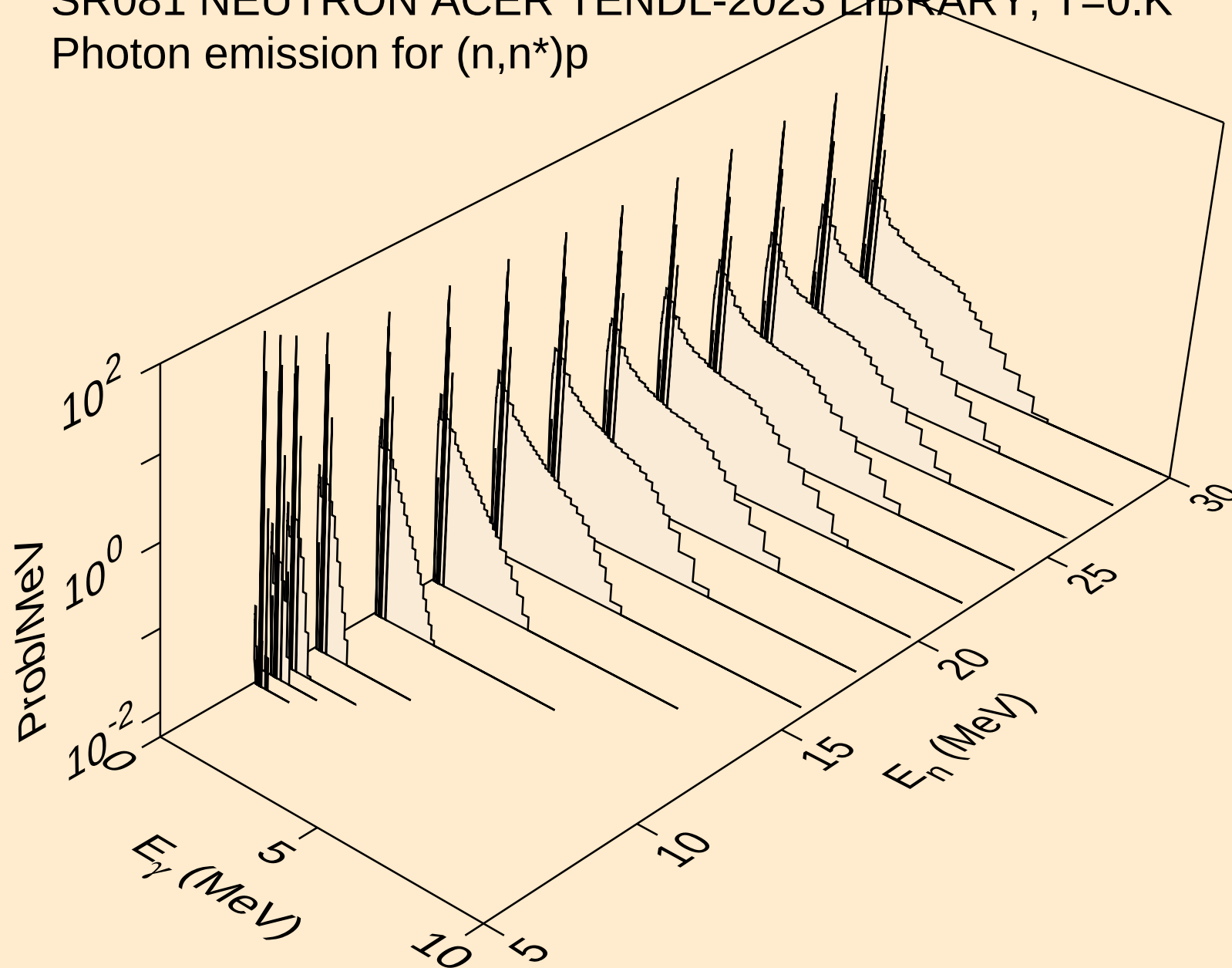


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

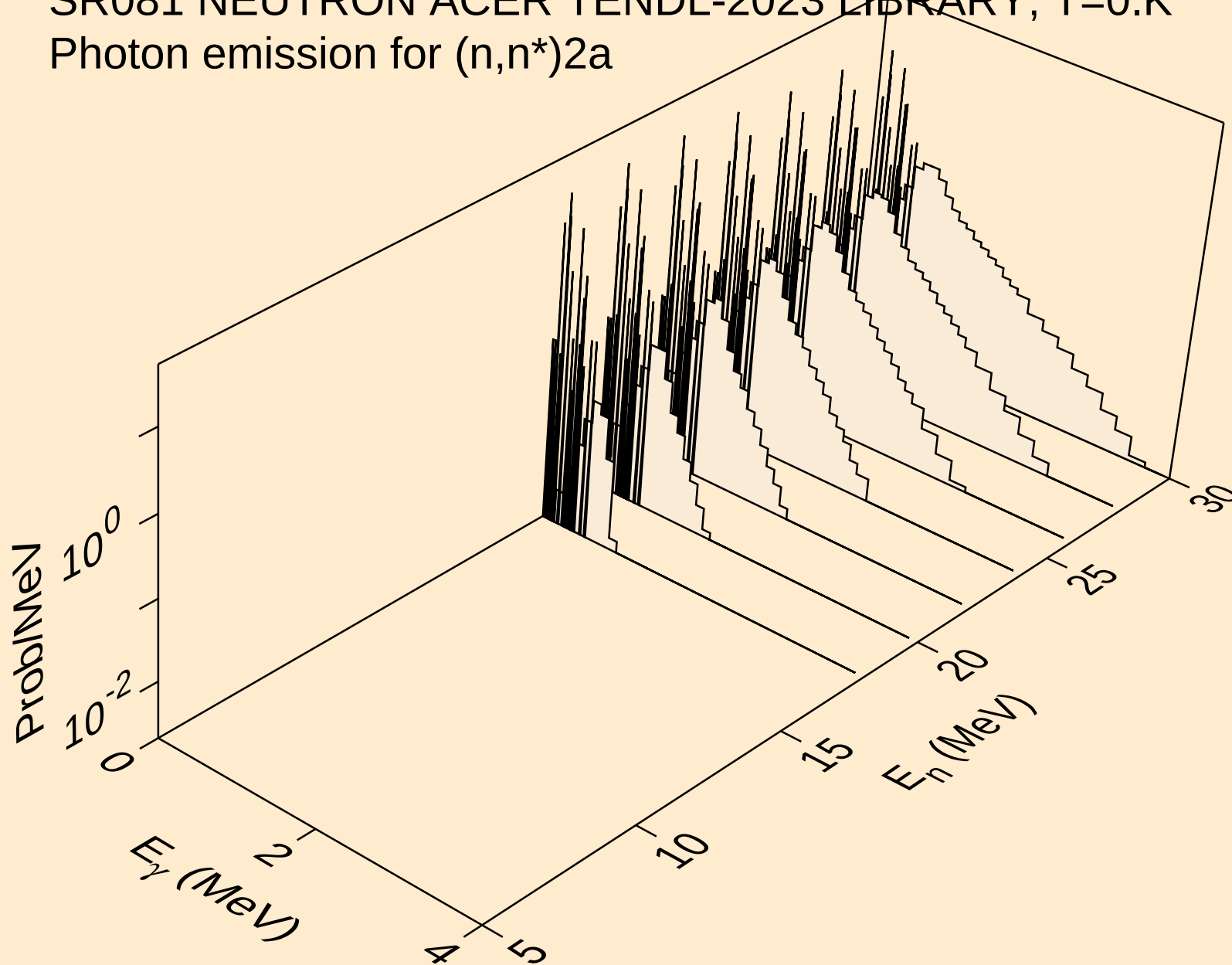


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p

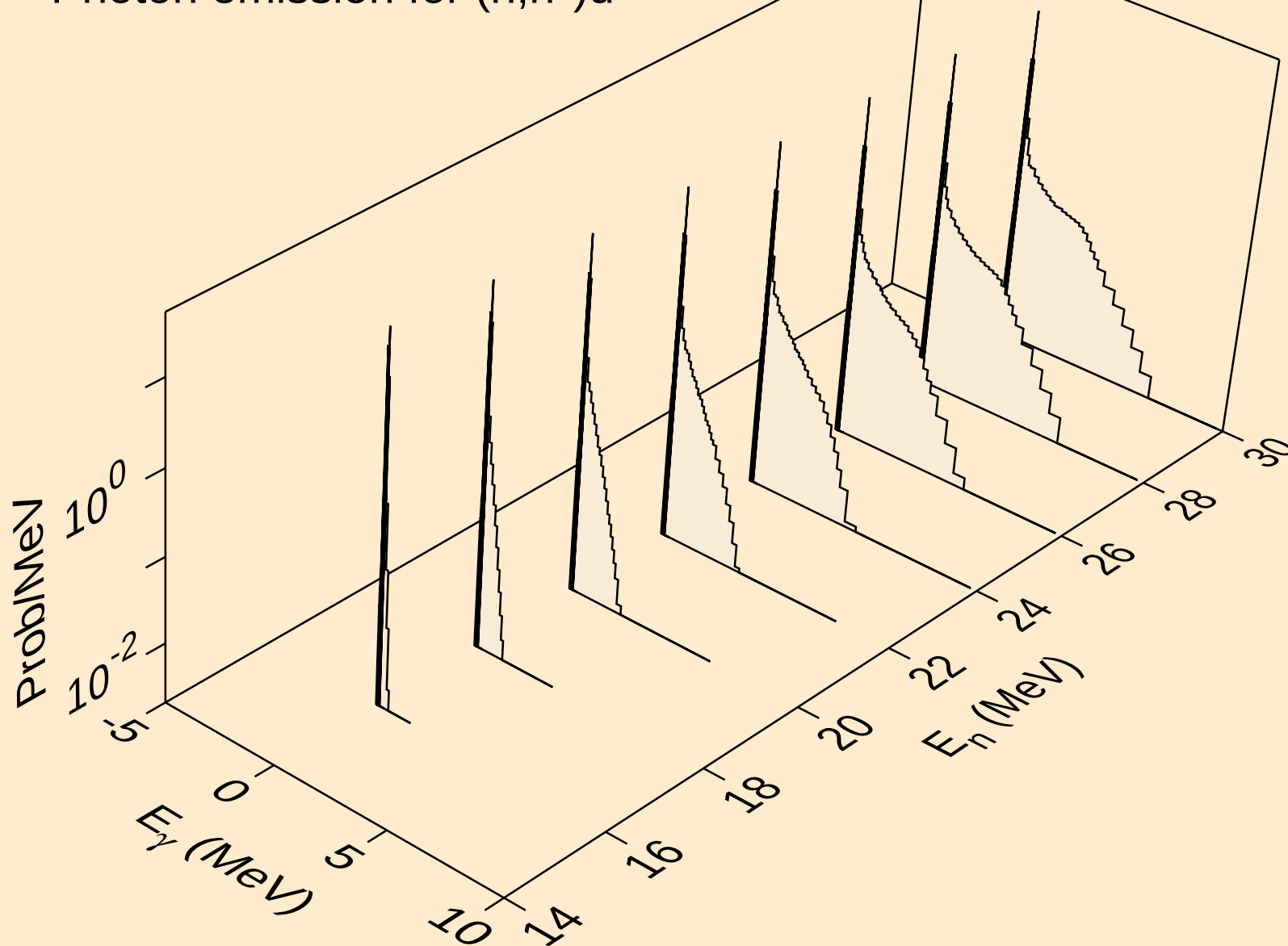


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

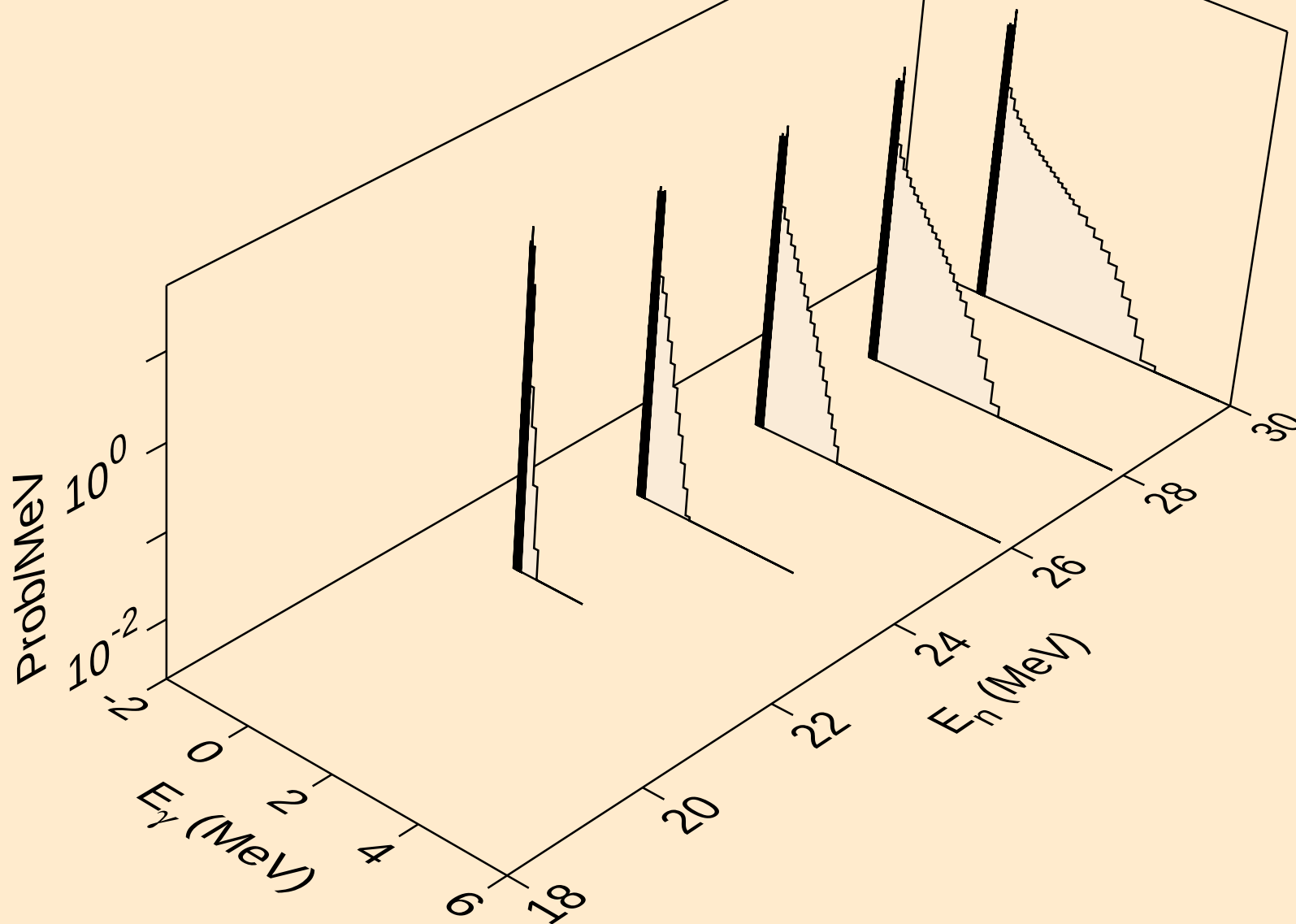
Photon emission for (n,n\*)d



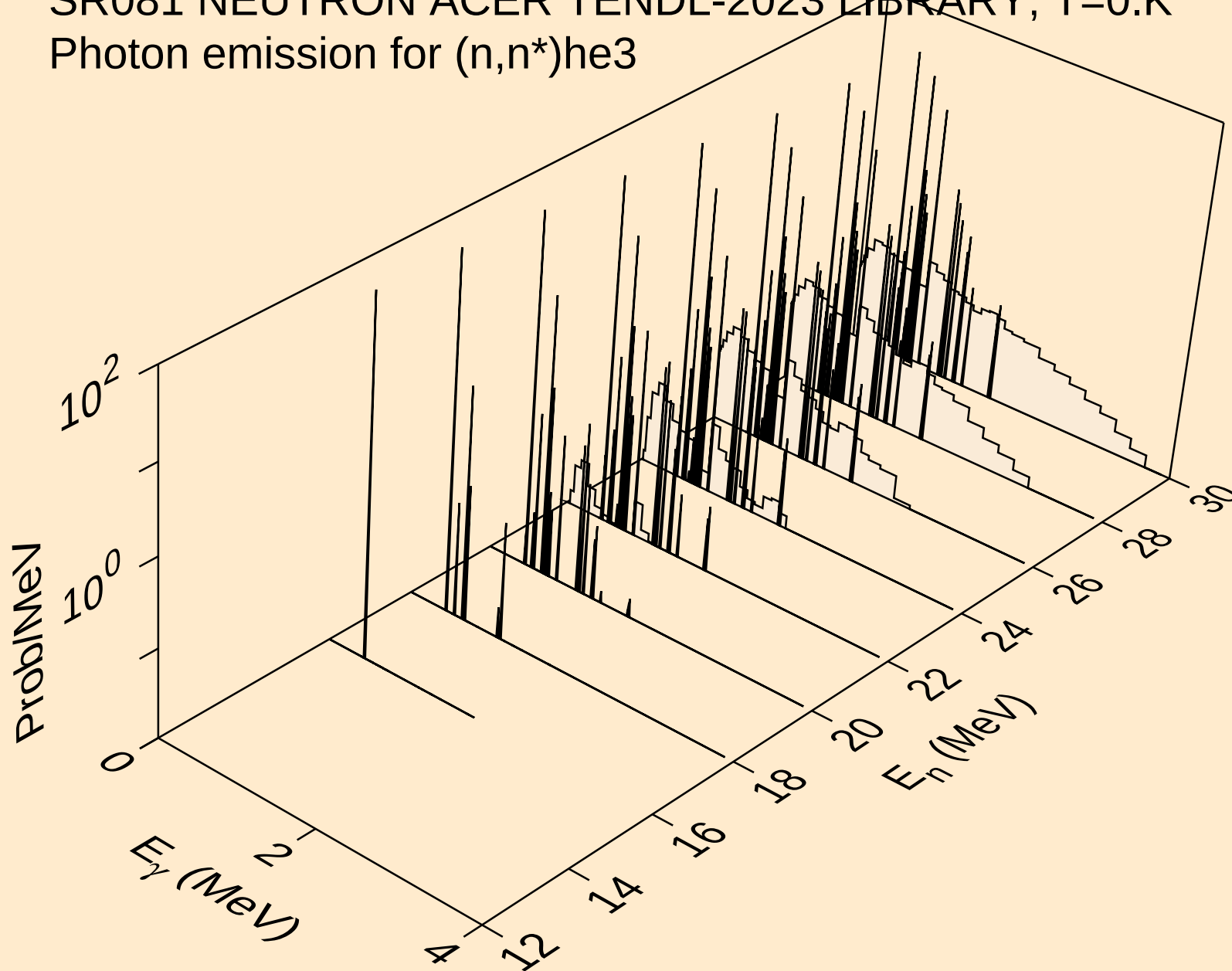


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

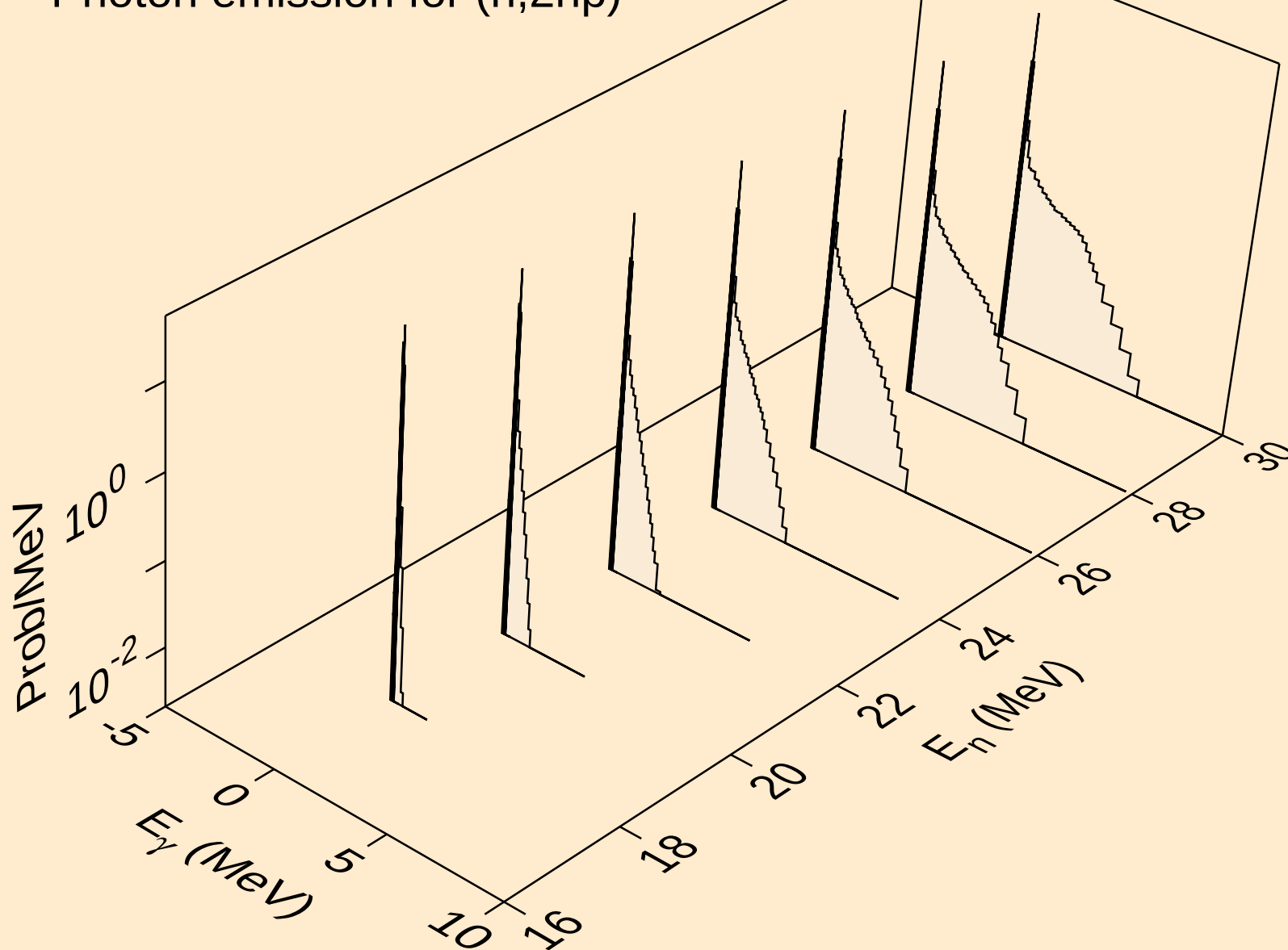
Photon emission for (n,n\*)t



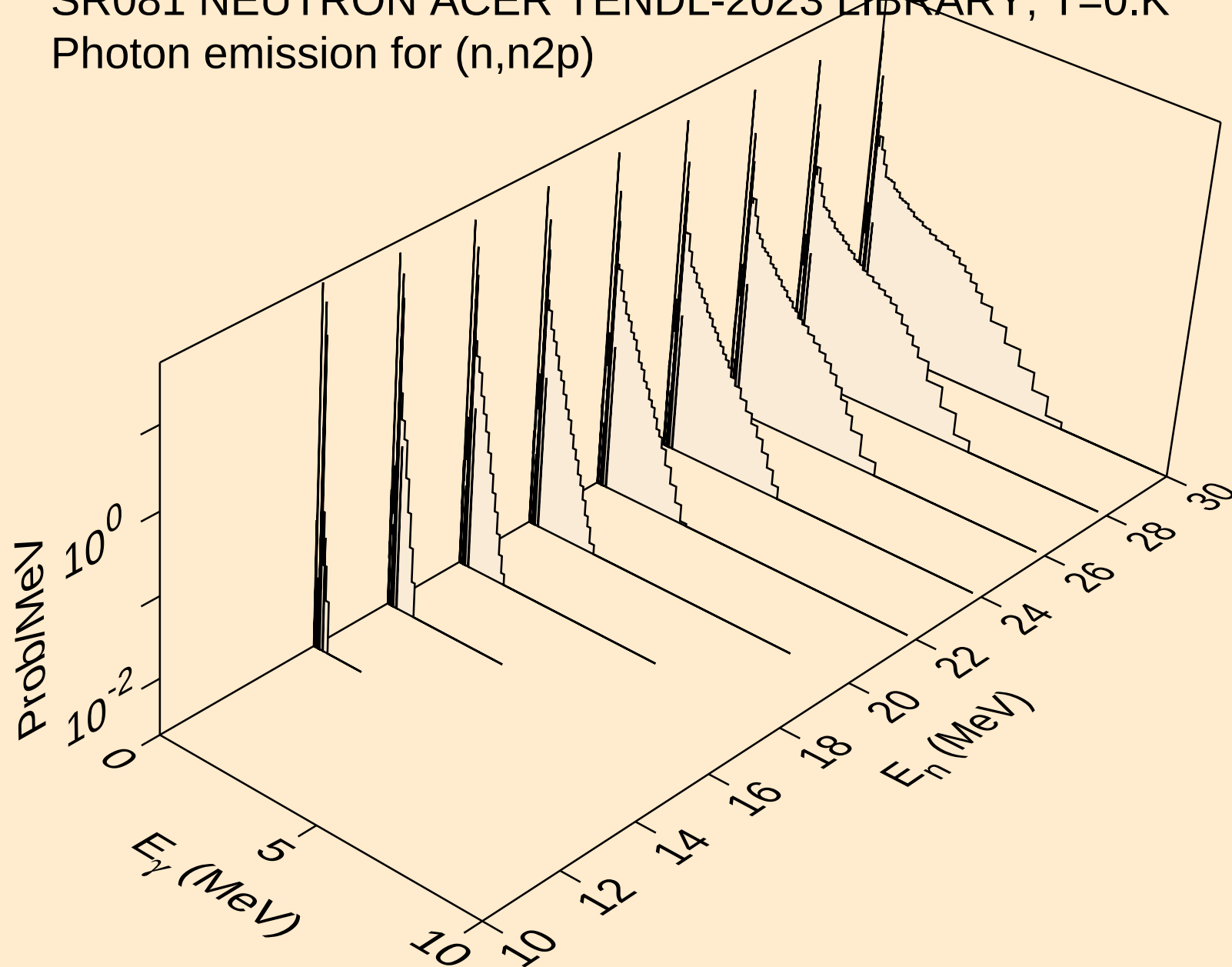
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



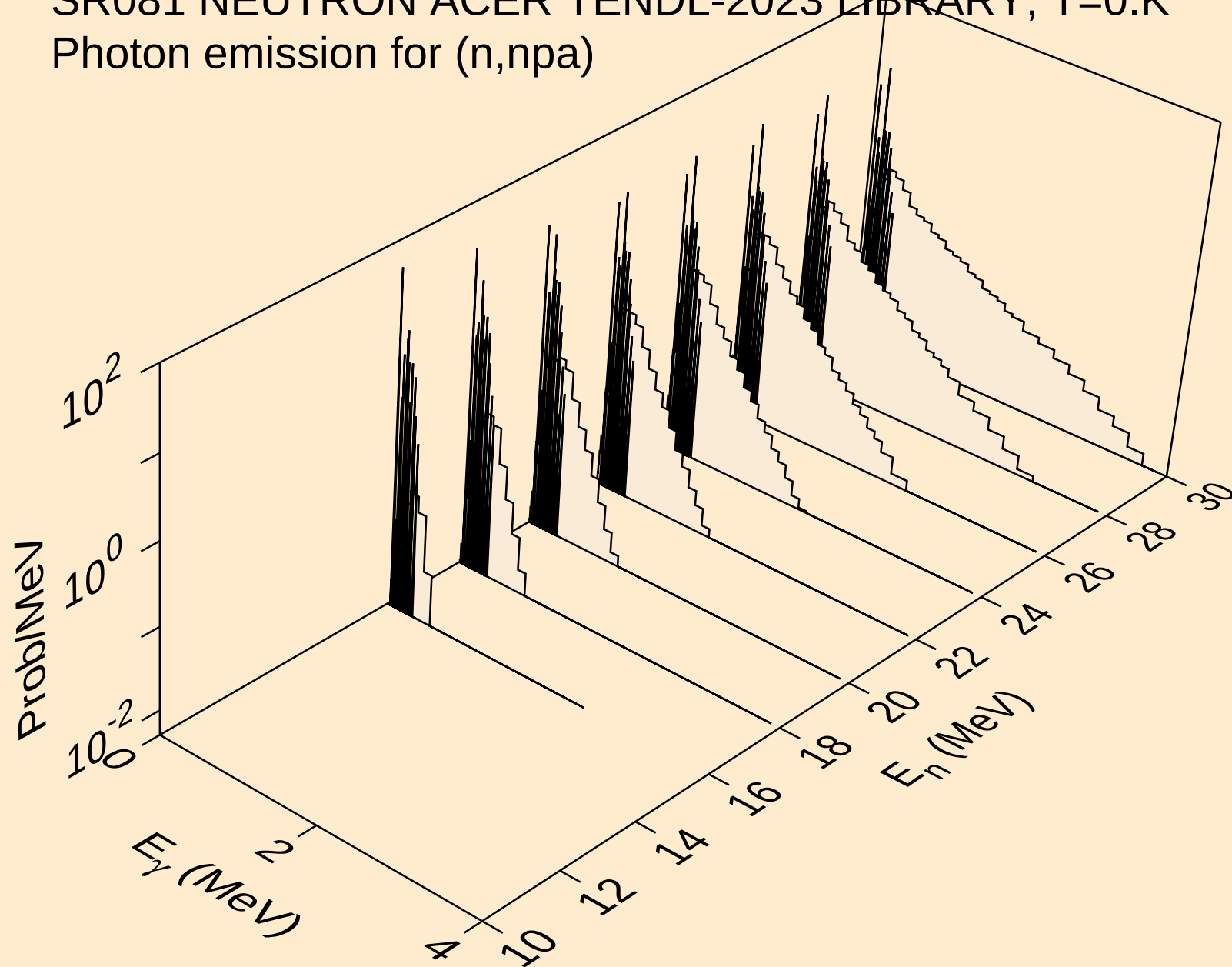
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Photon emission for (n,2np)



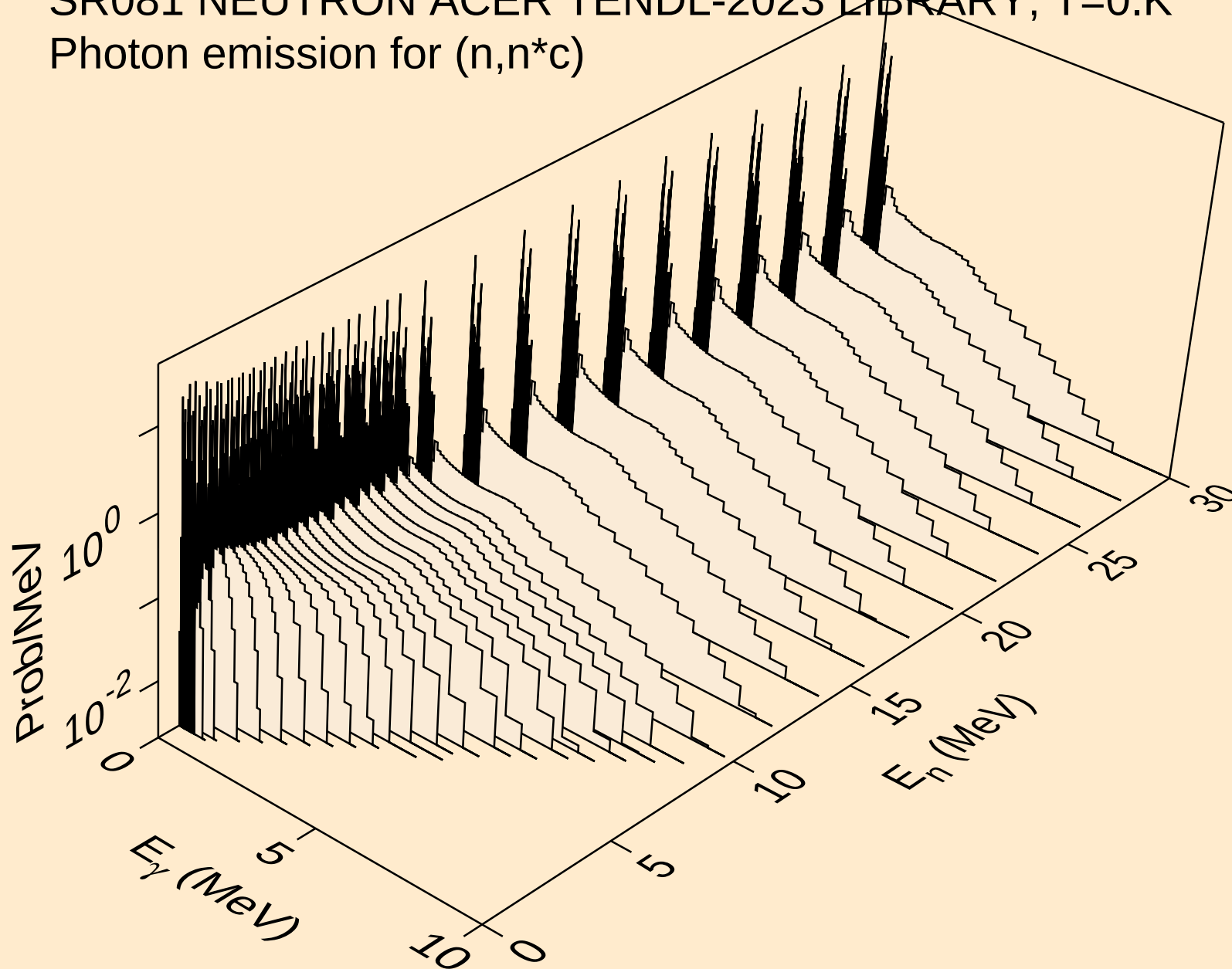
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



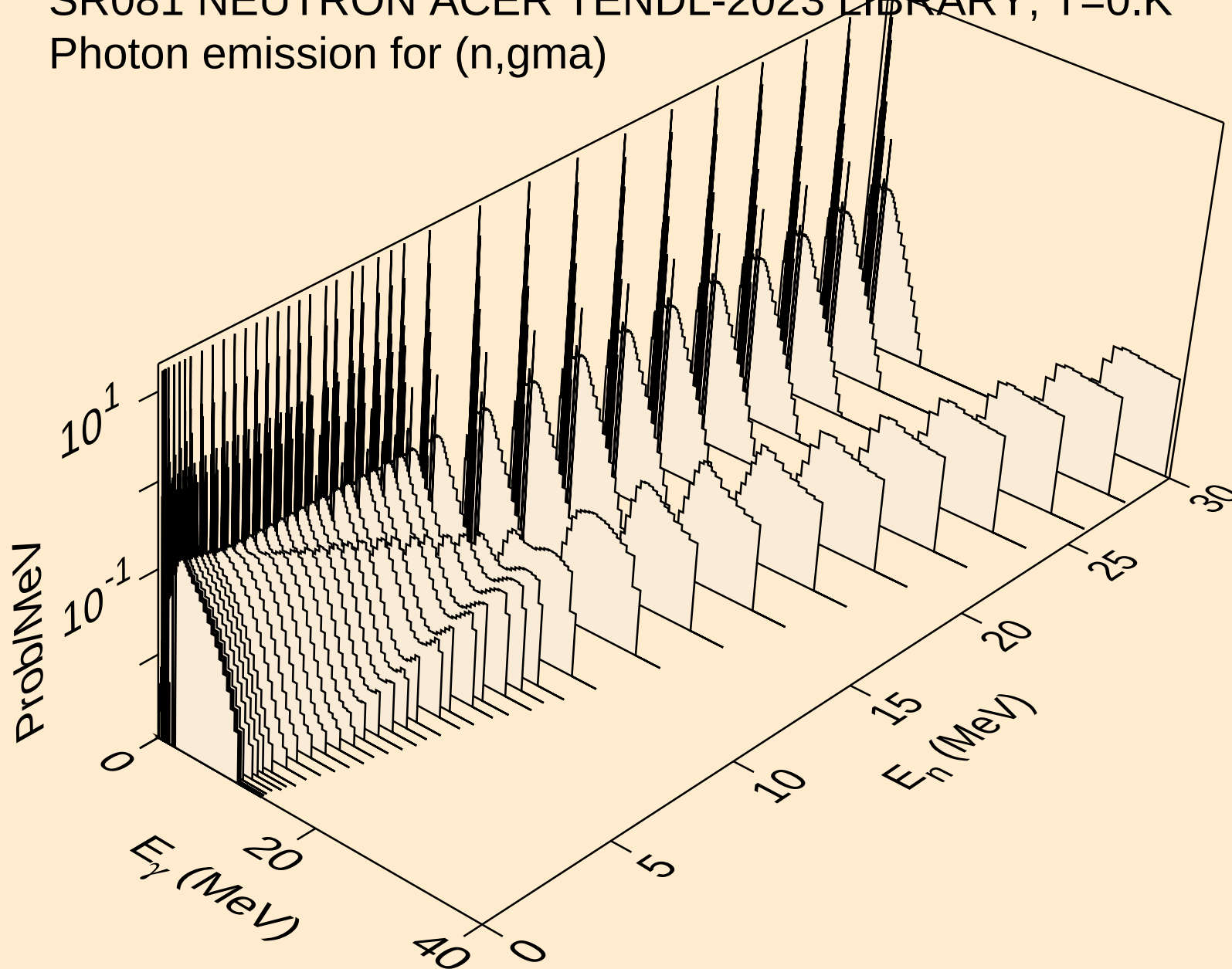
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



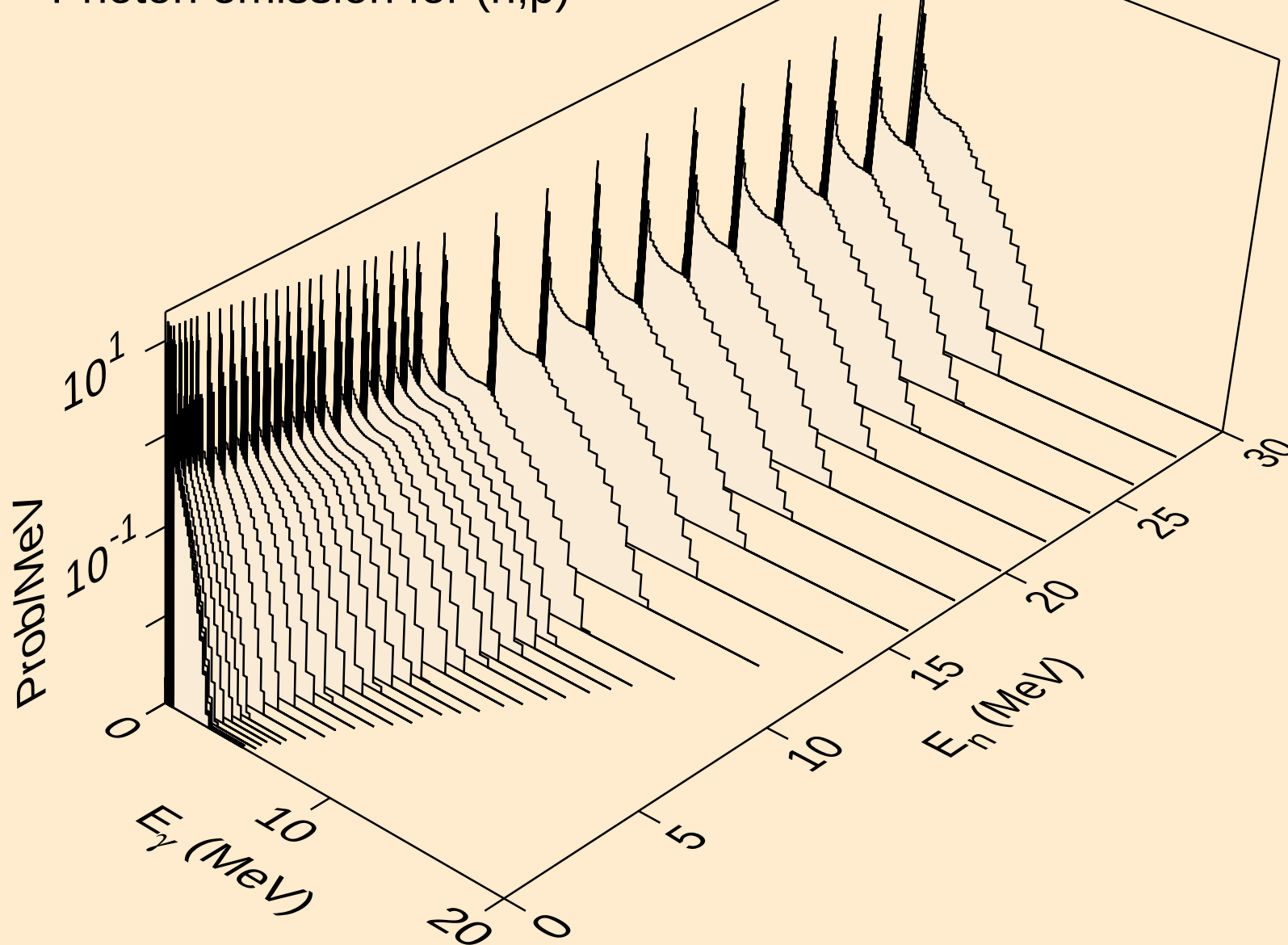
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

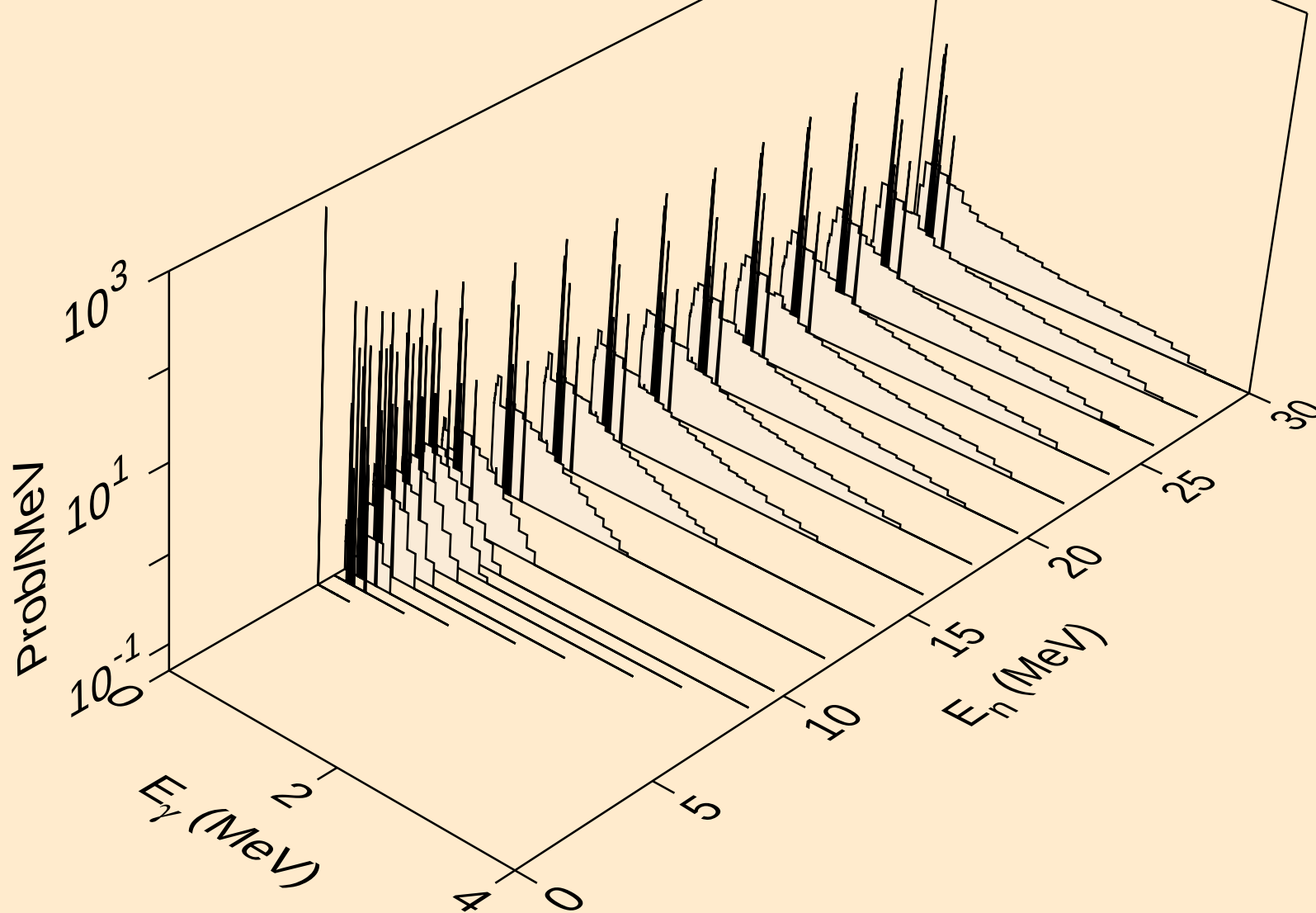


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

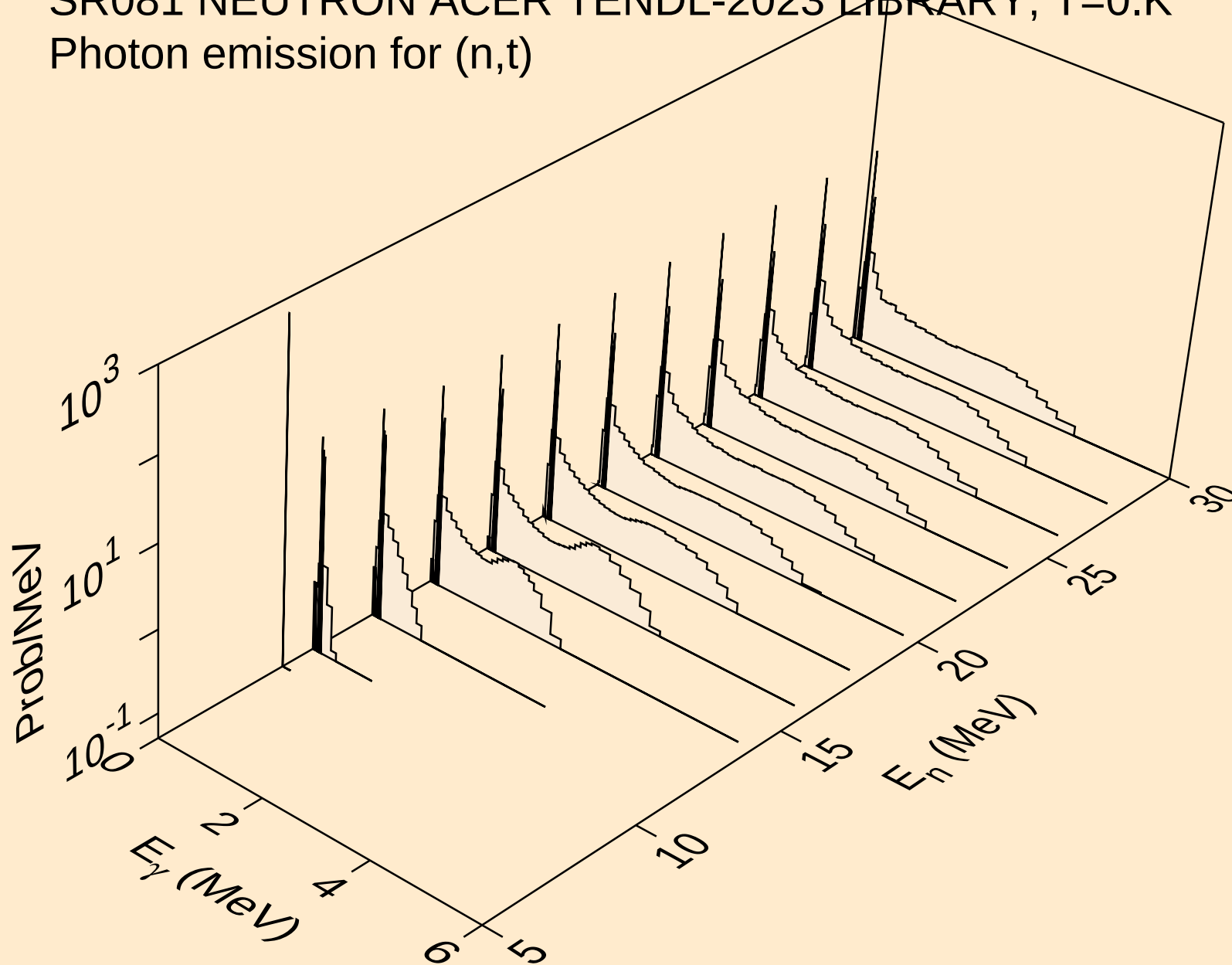




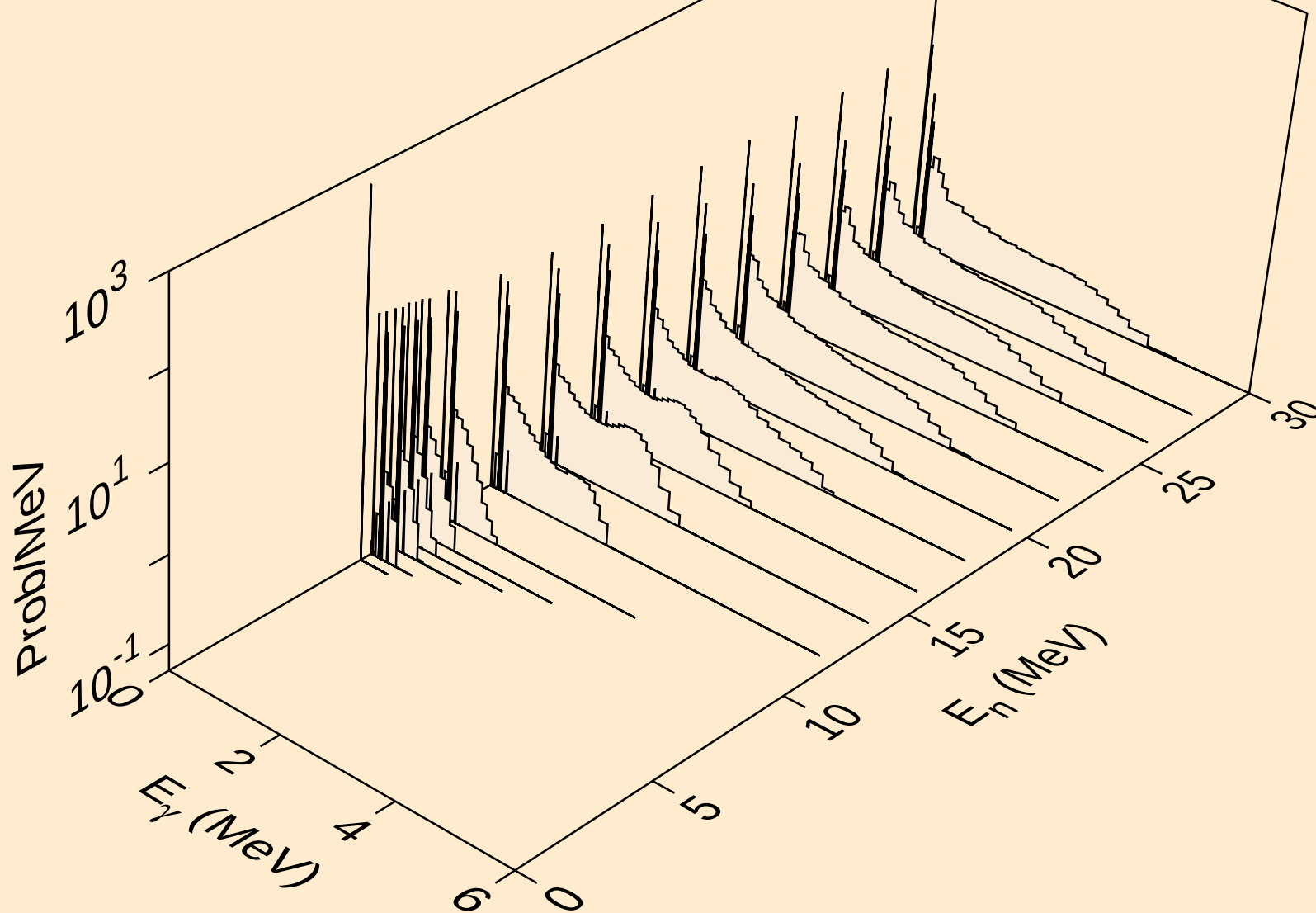
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



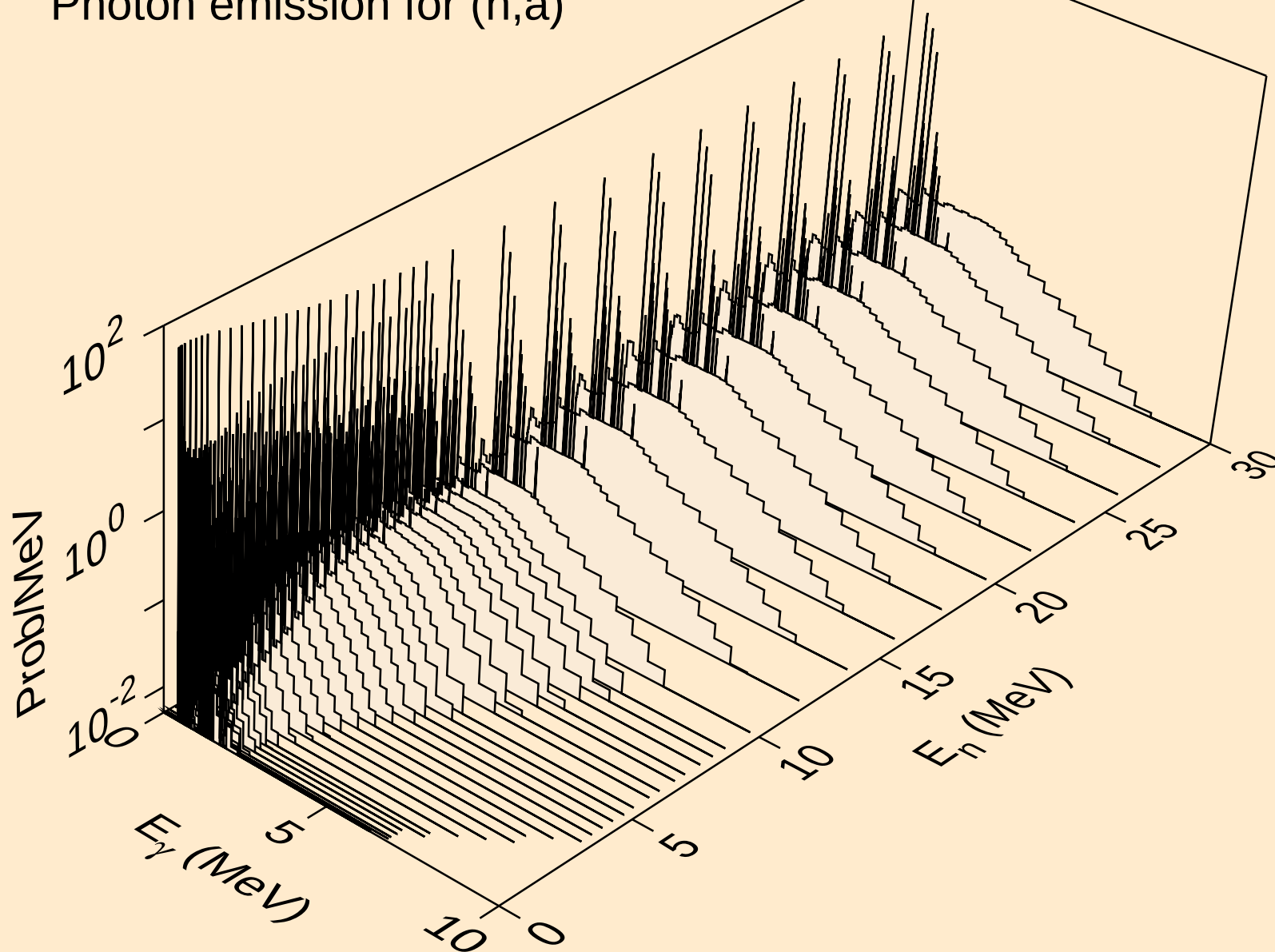
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



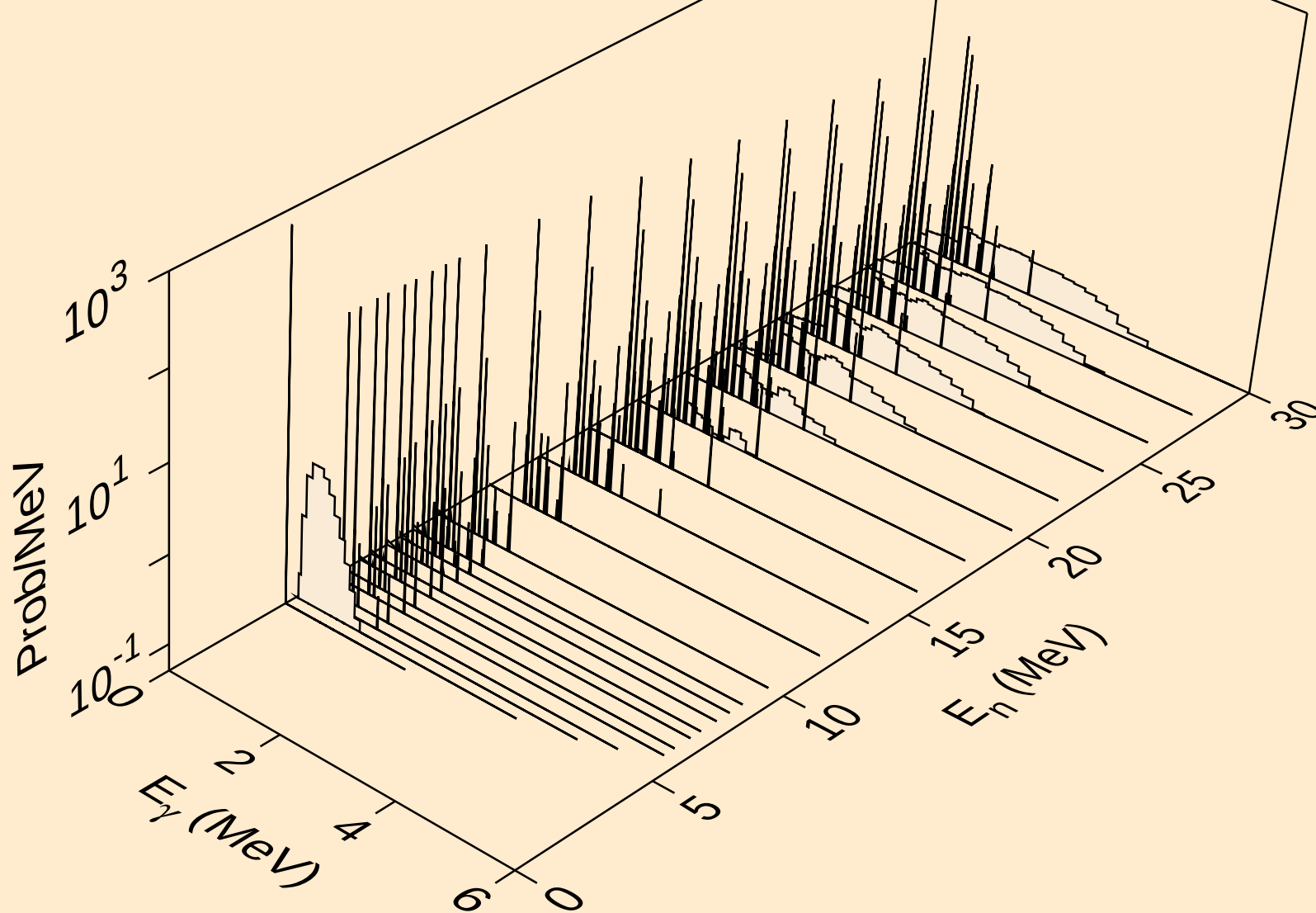
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Photon emission for (n,he3)



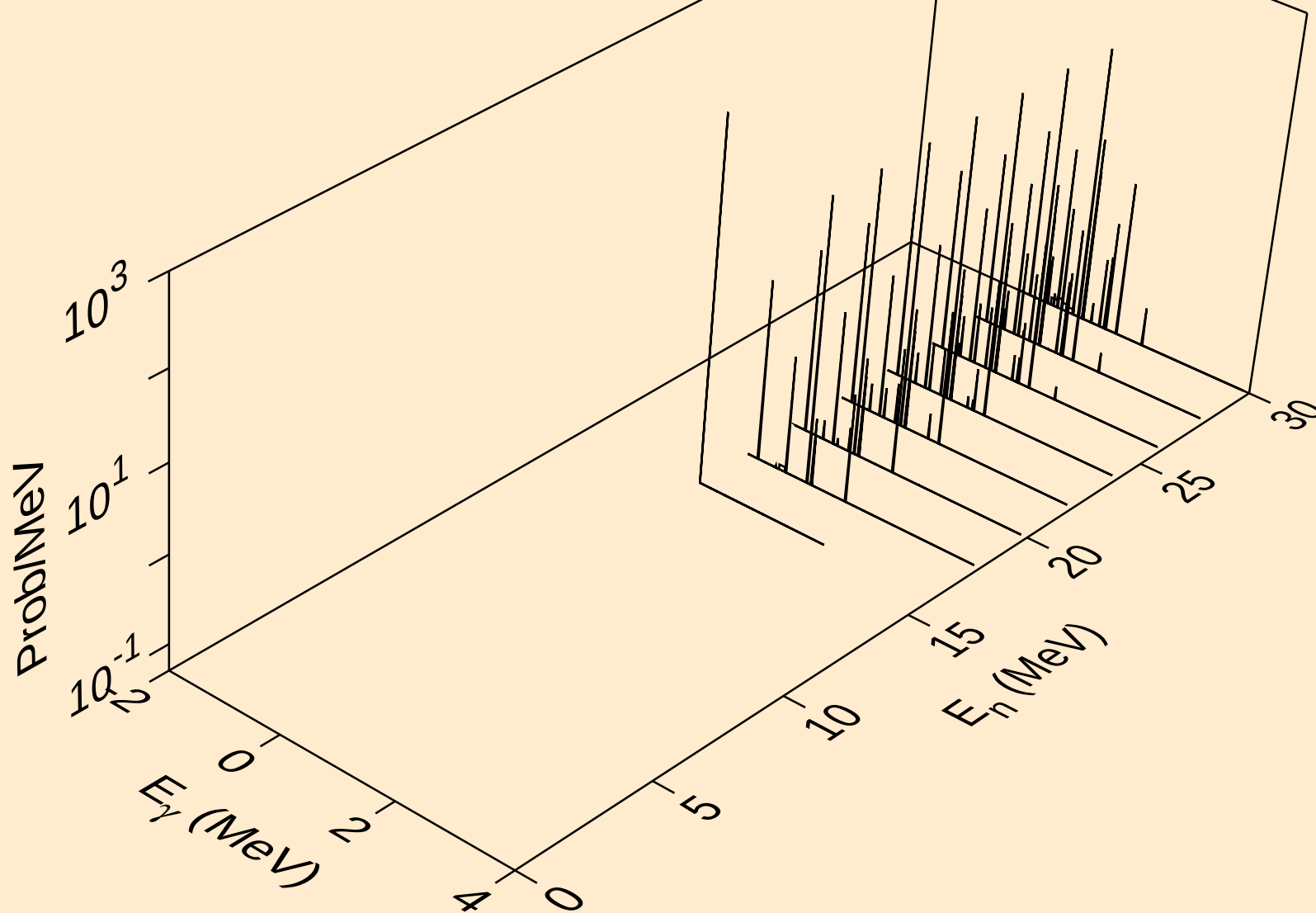
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



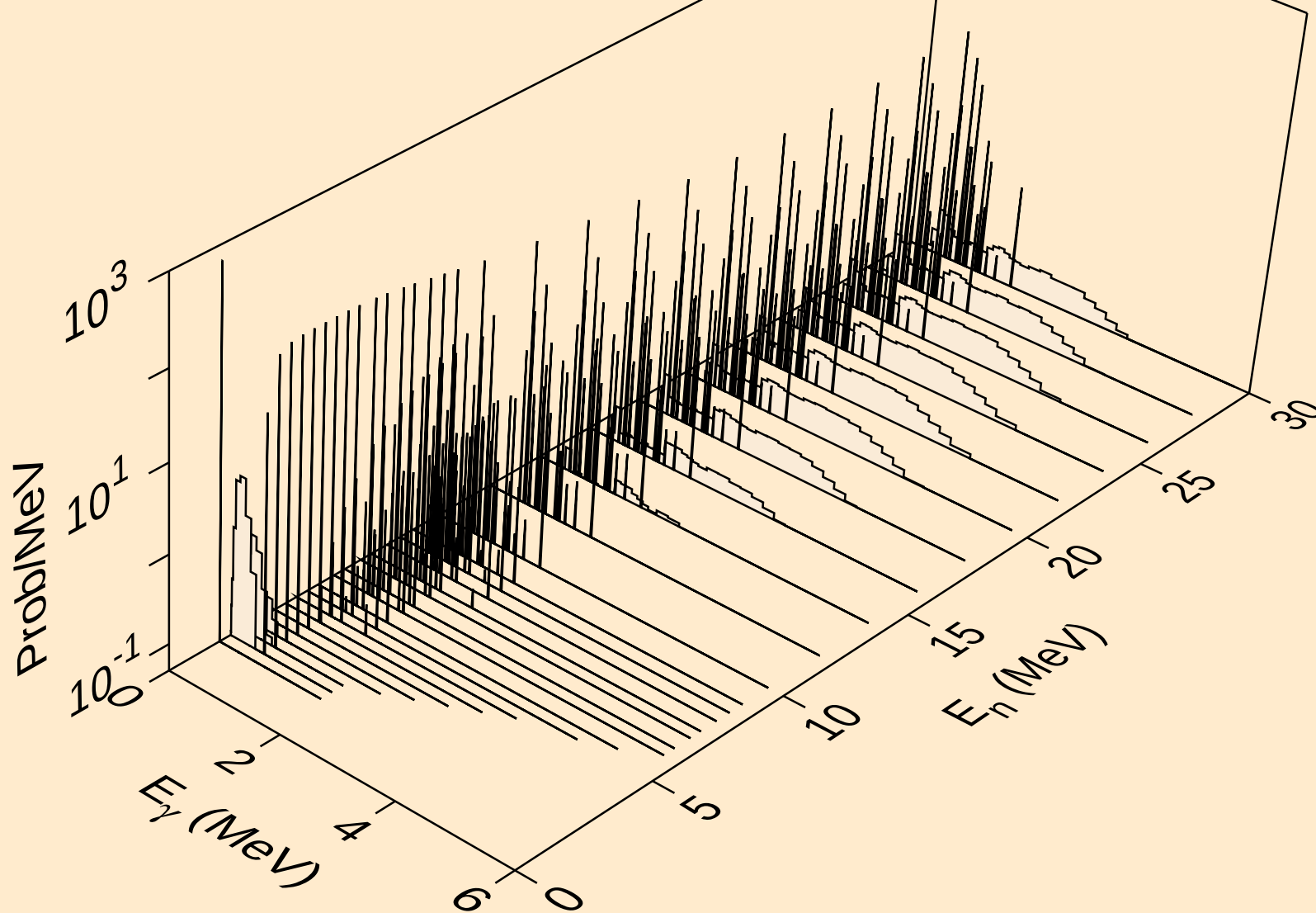
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Photon emission for (n,2a)



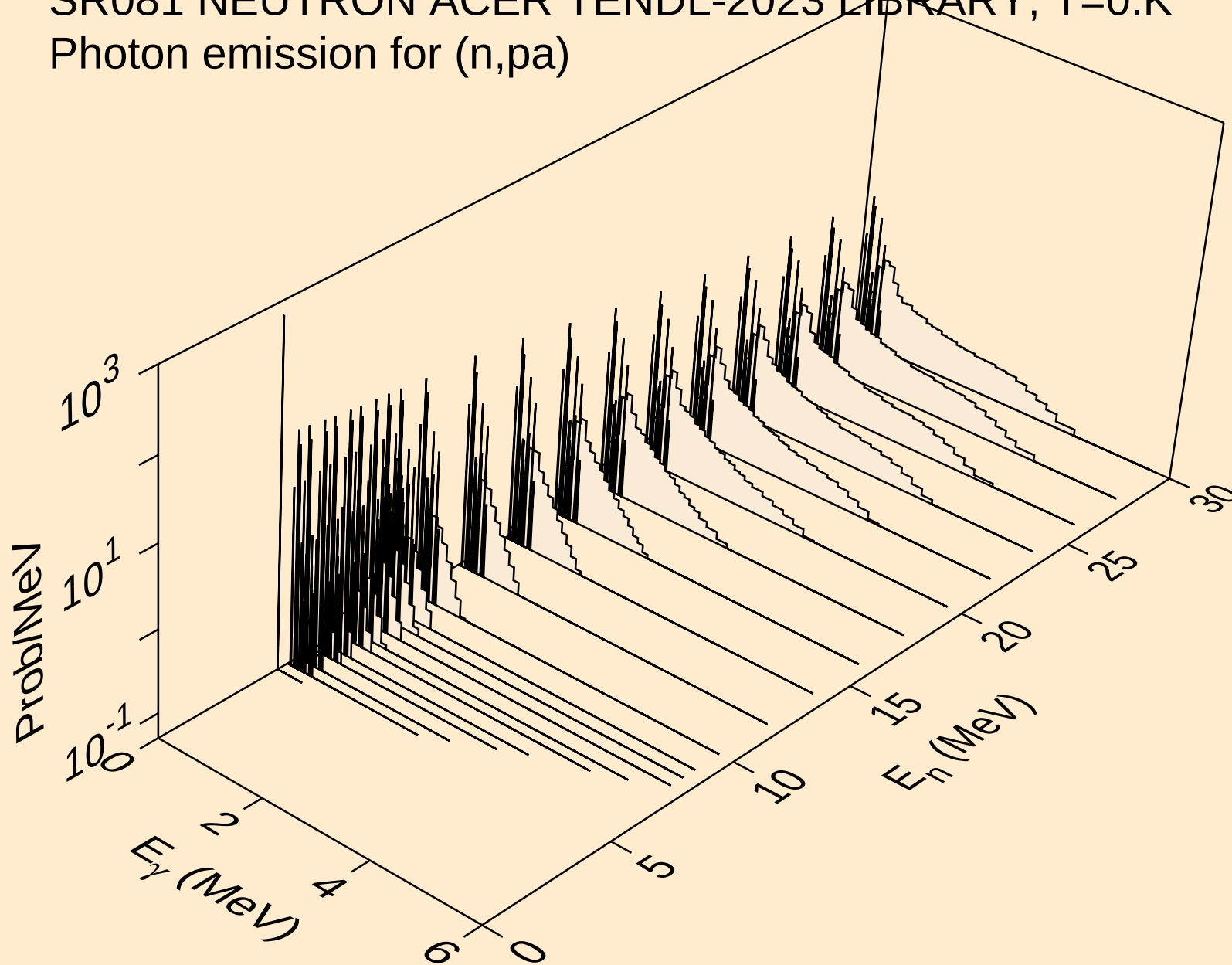
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

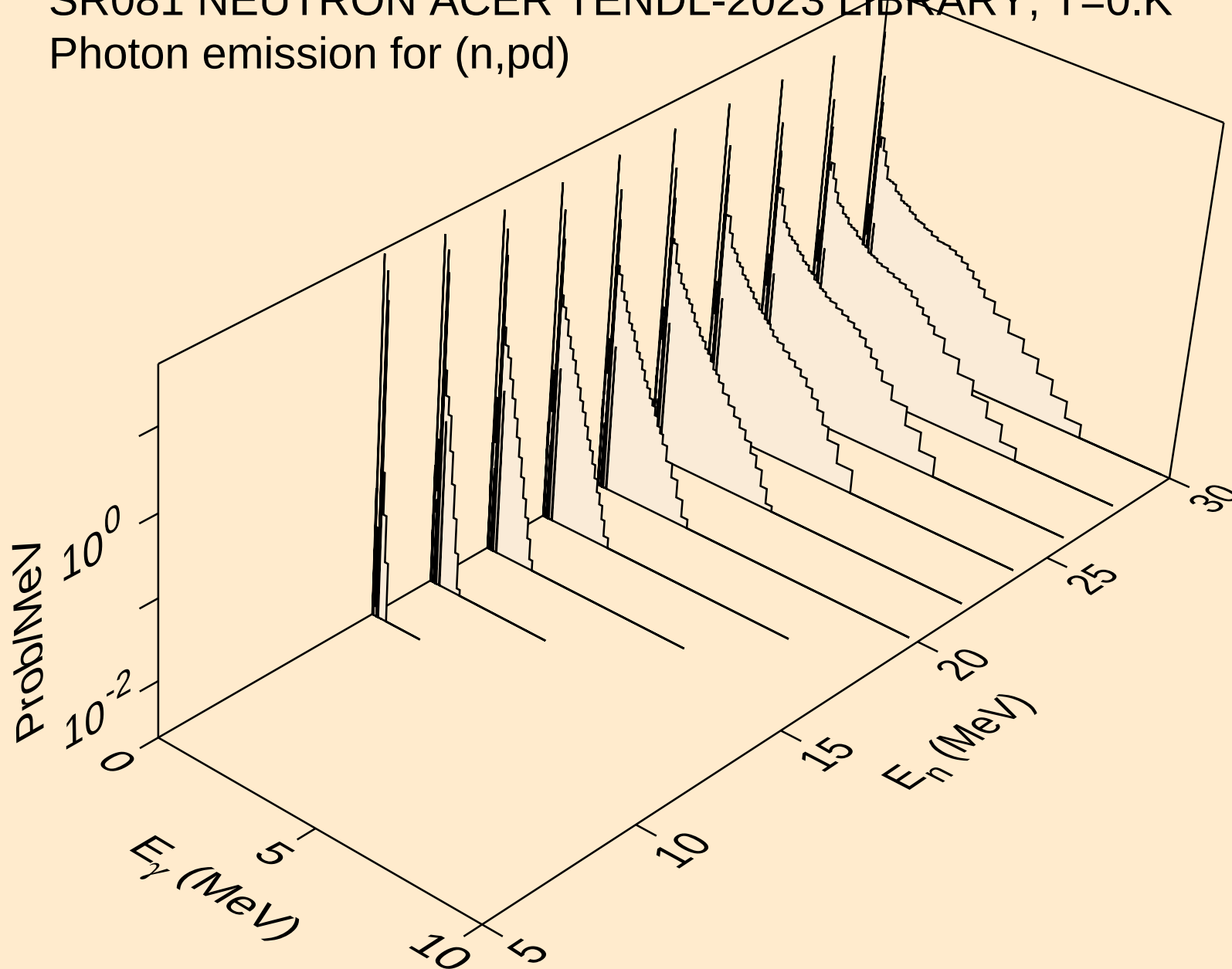


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

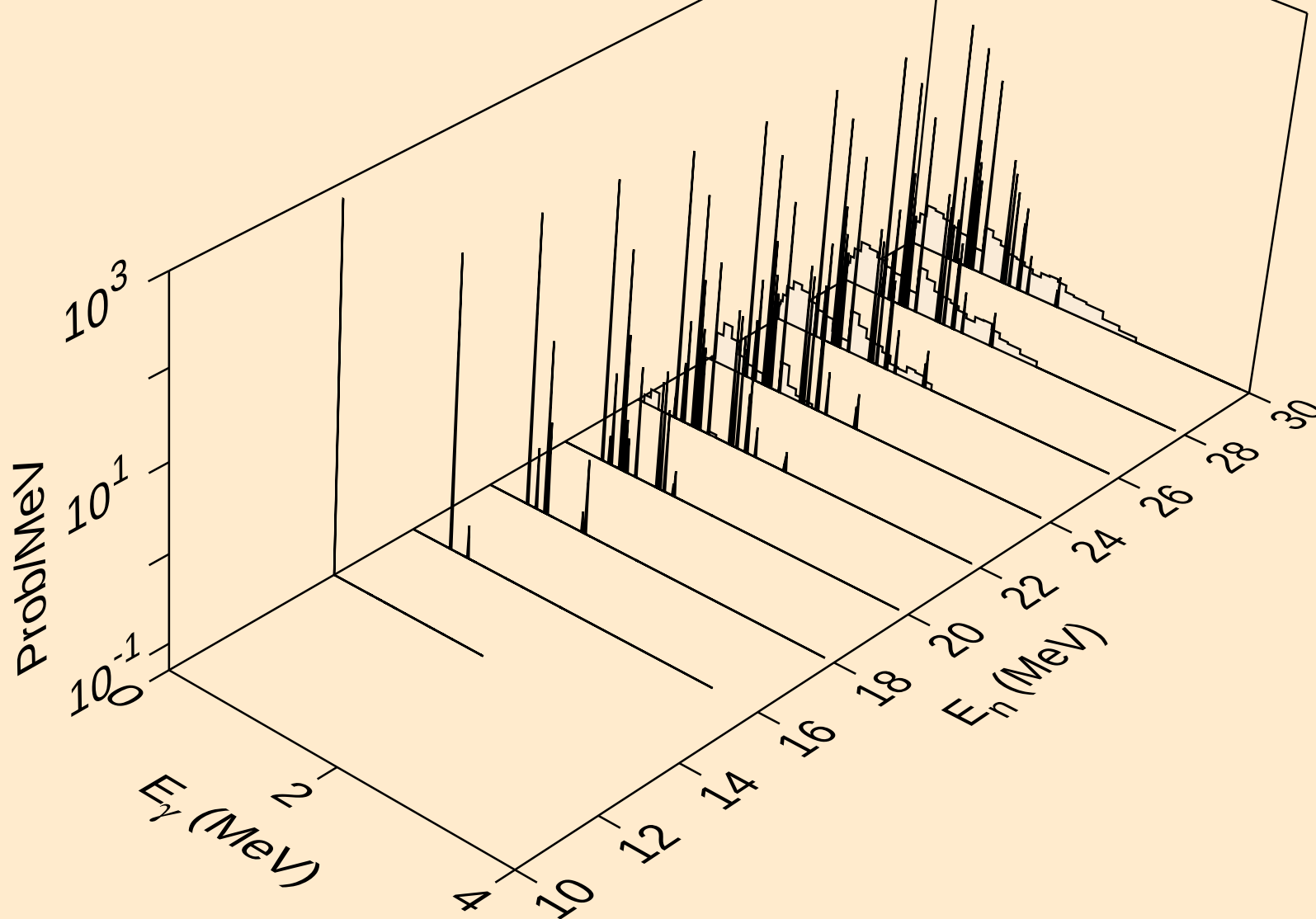




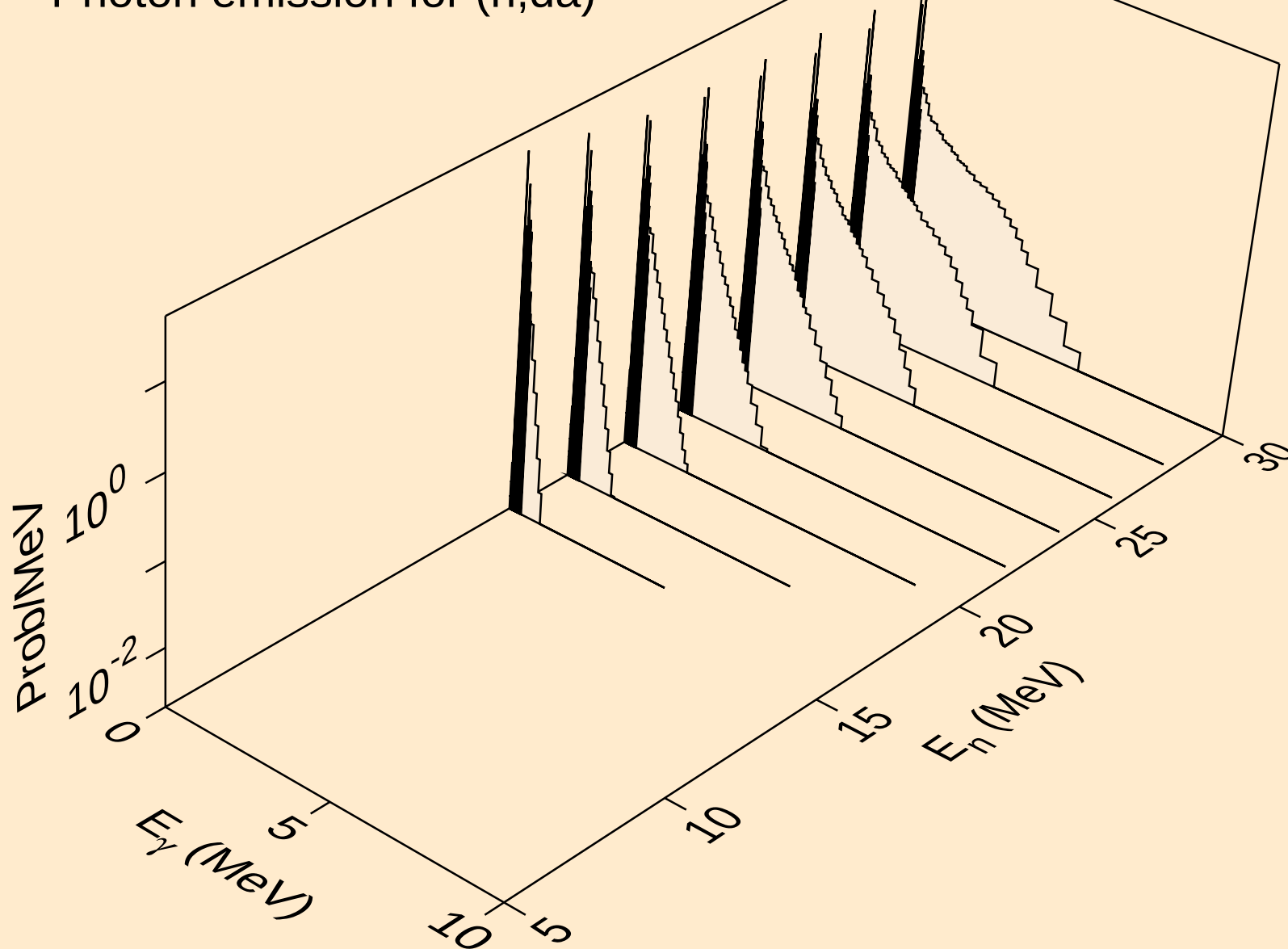
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



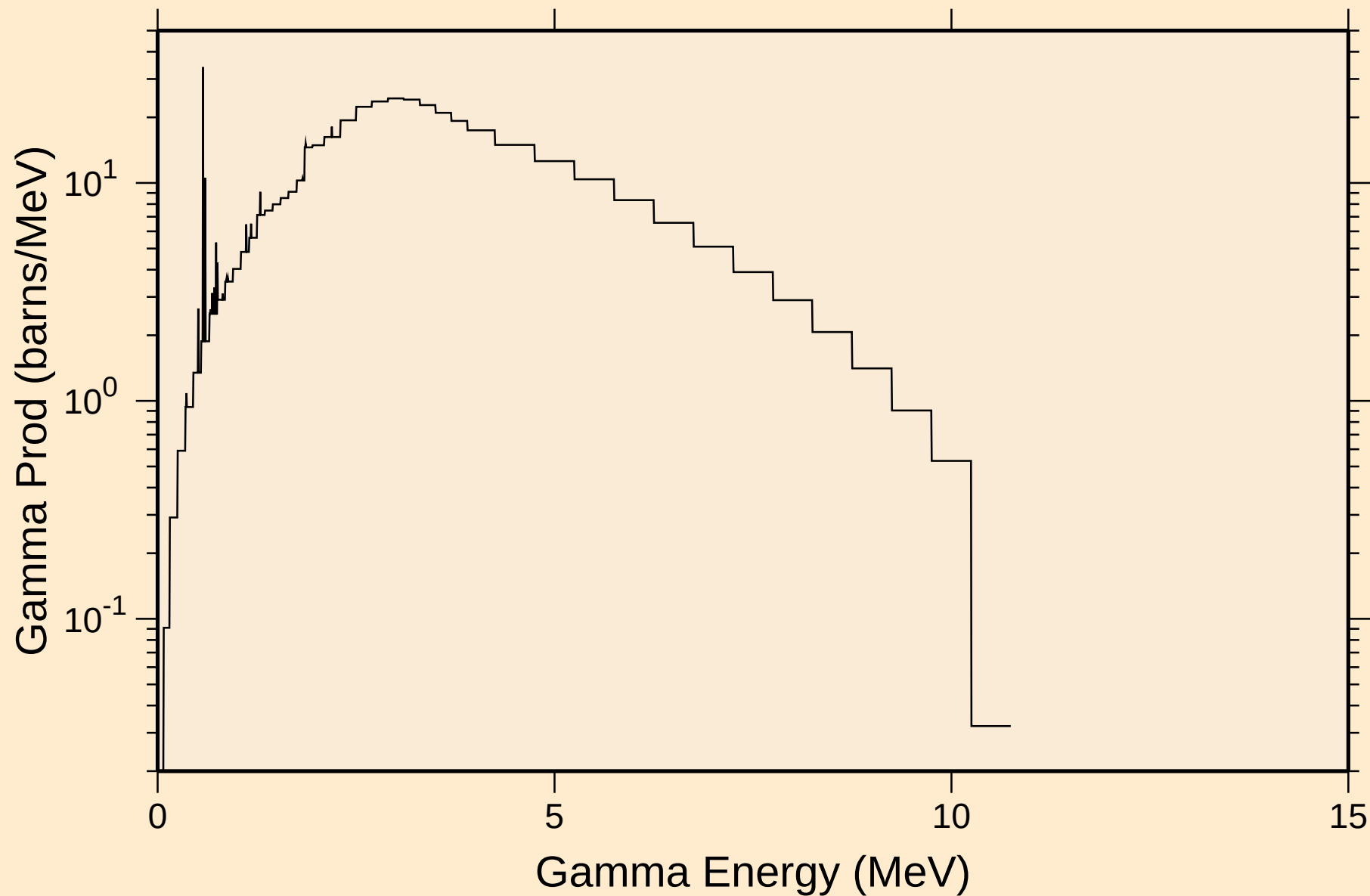
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



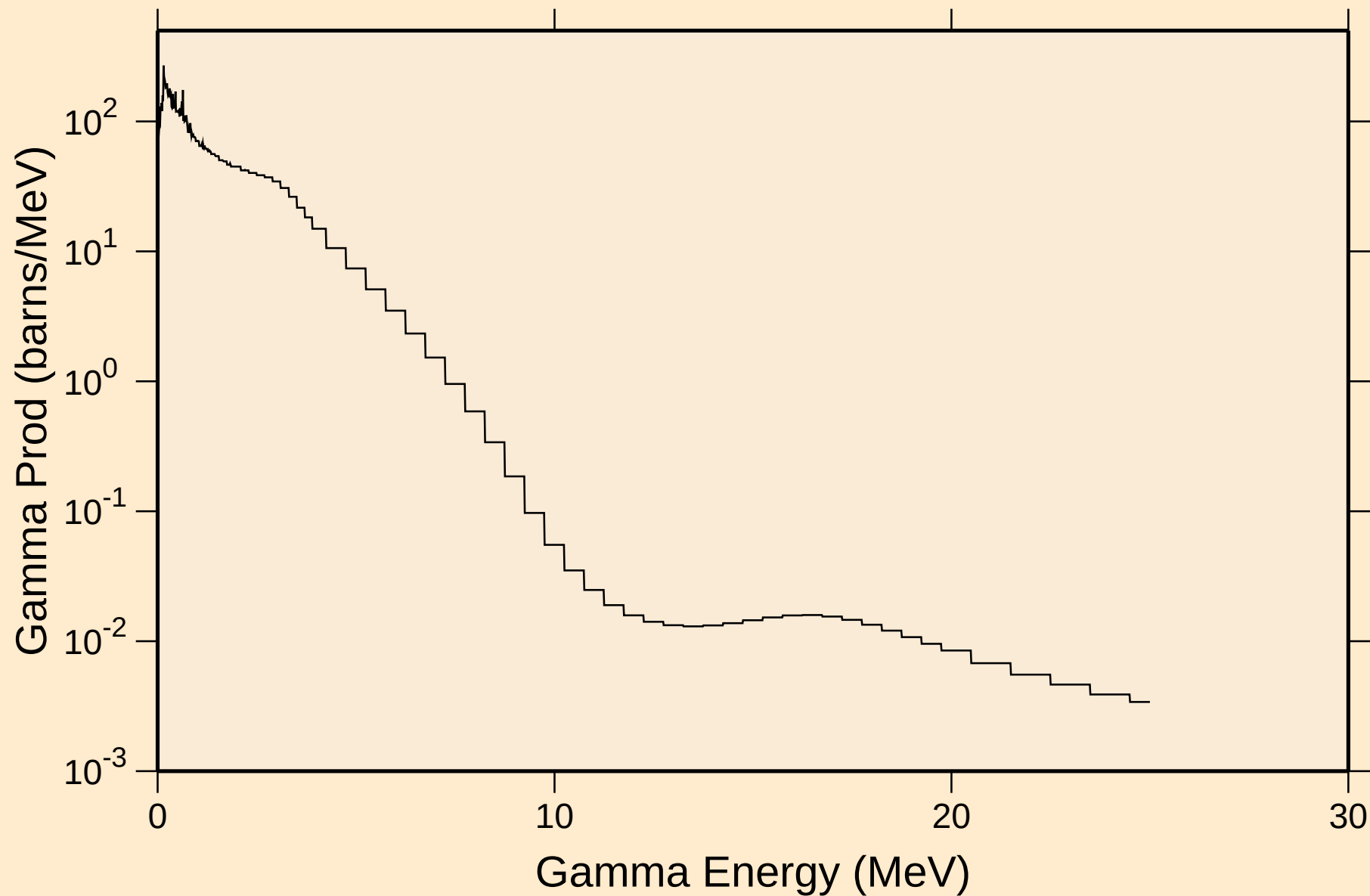
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



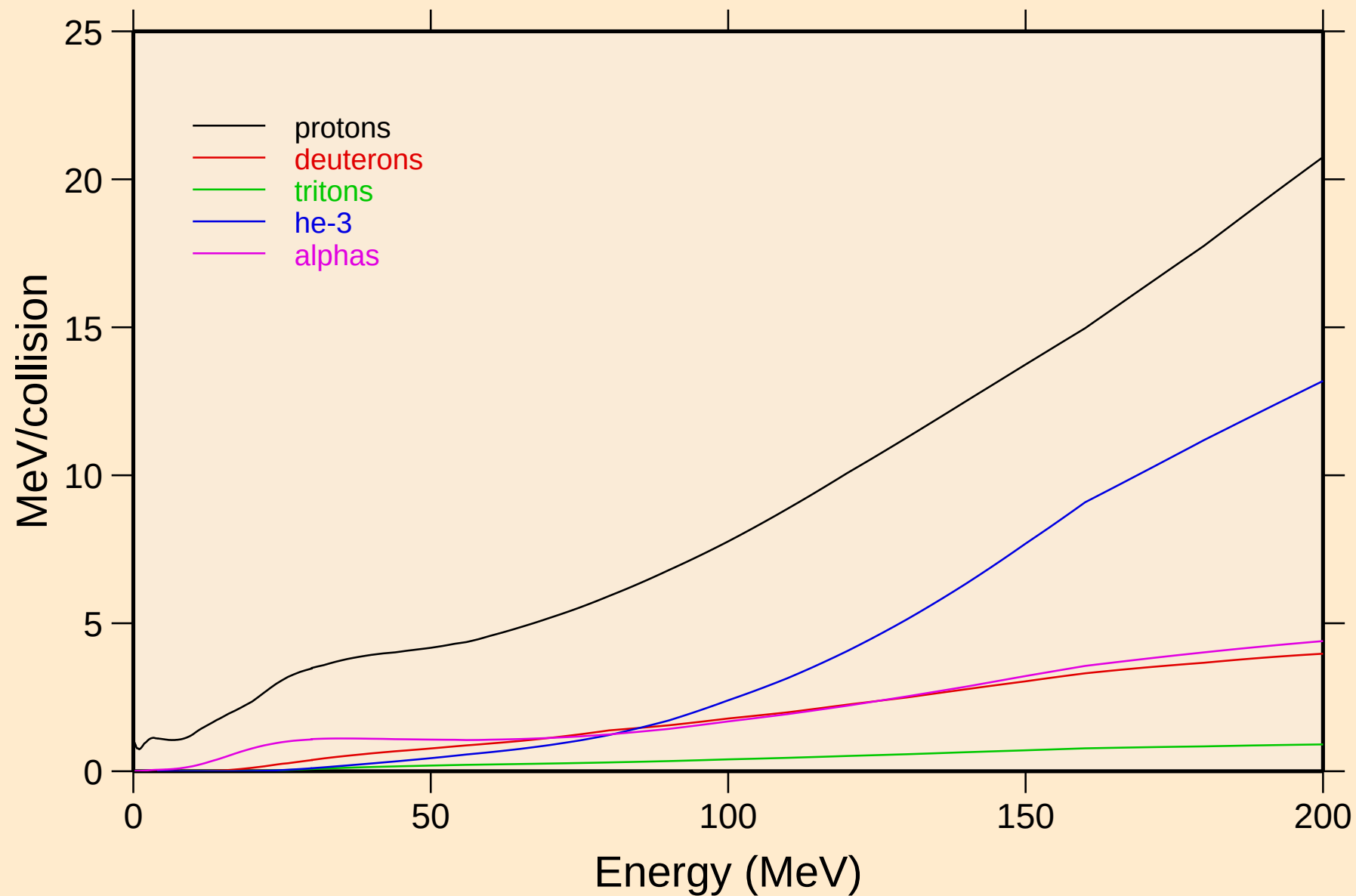
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



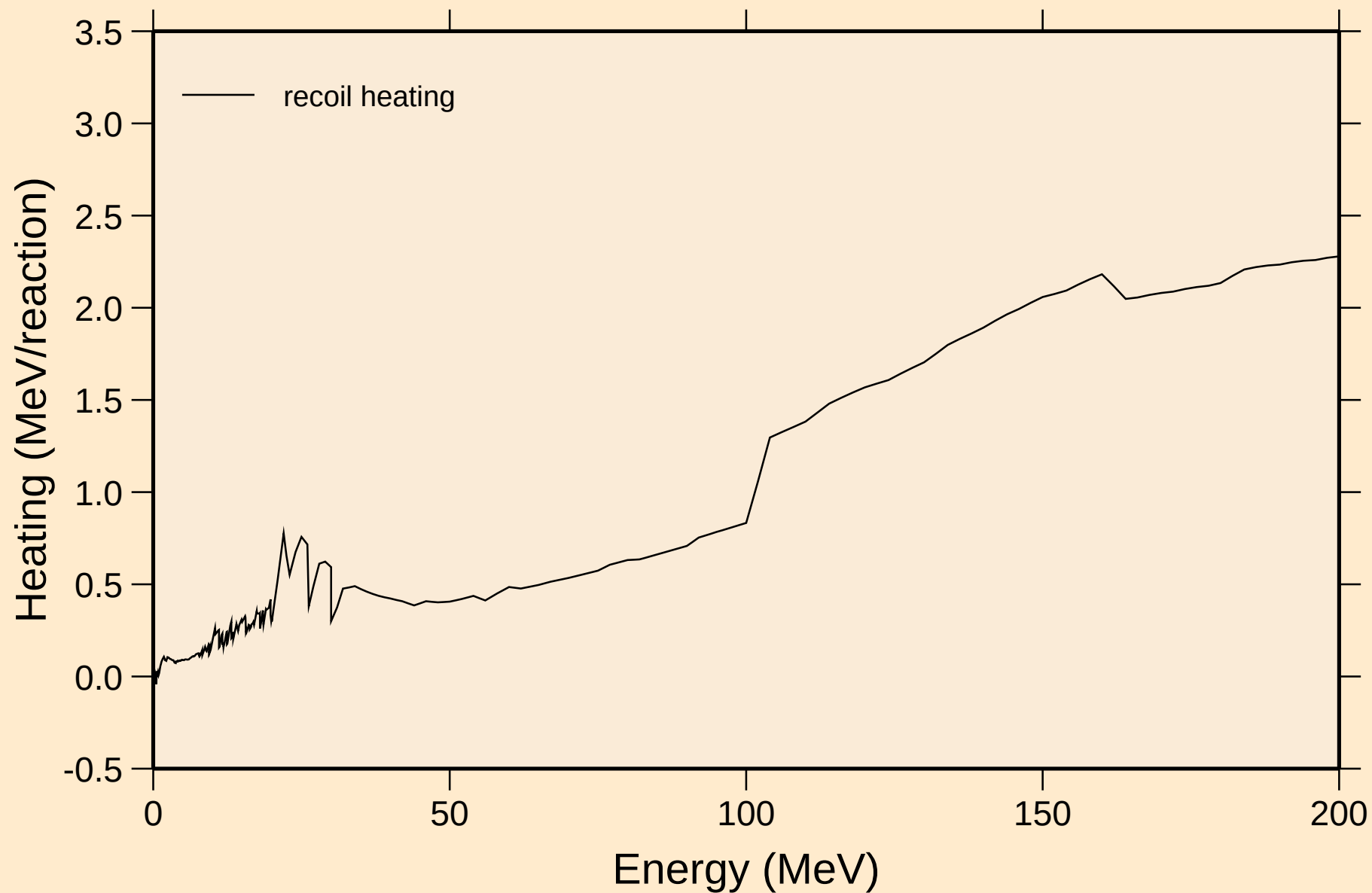
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

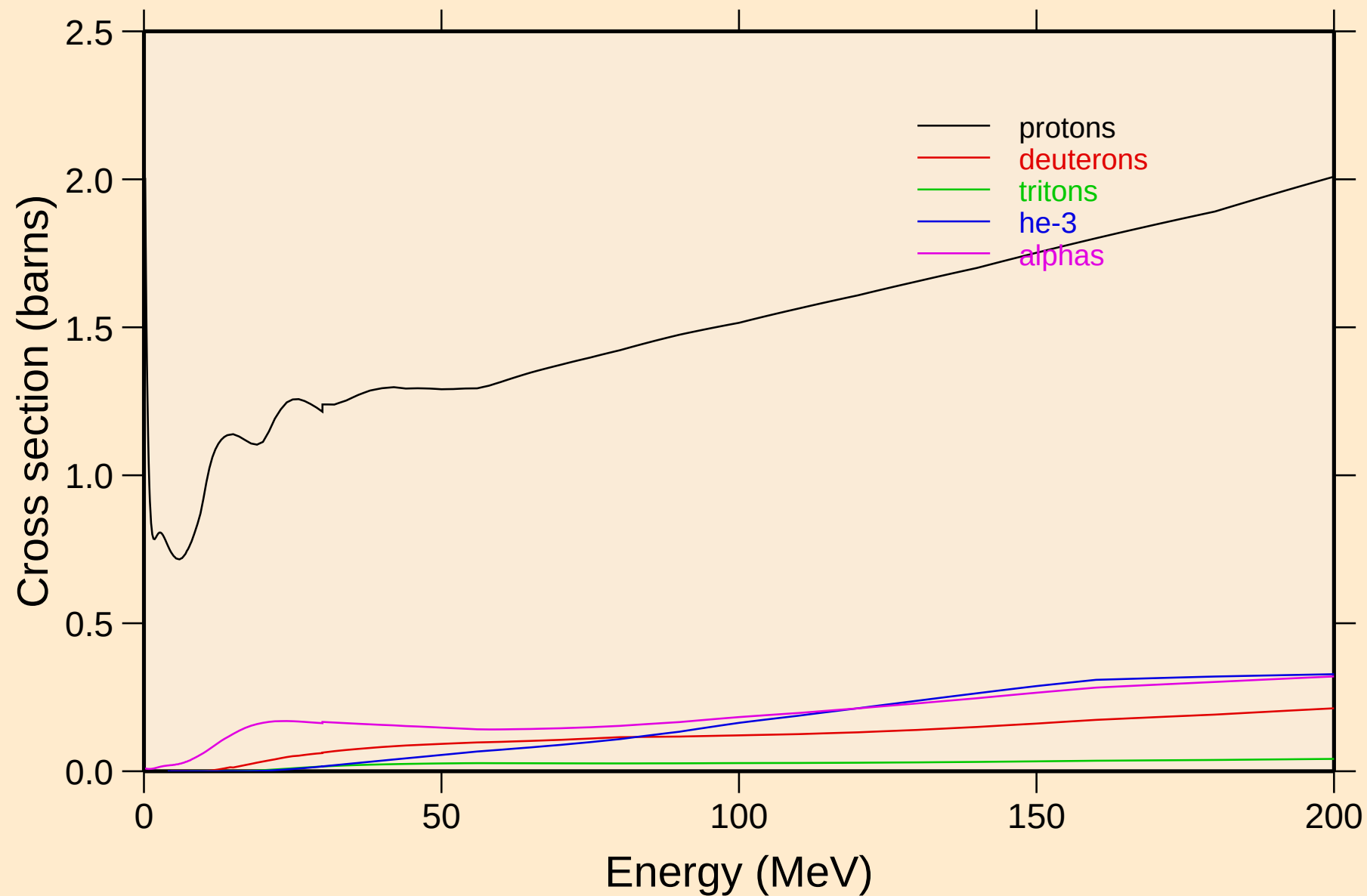


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



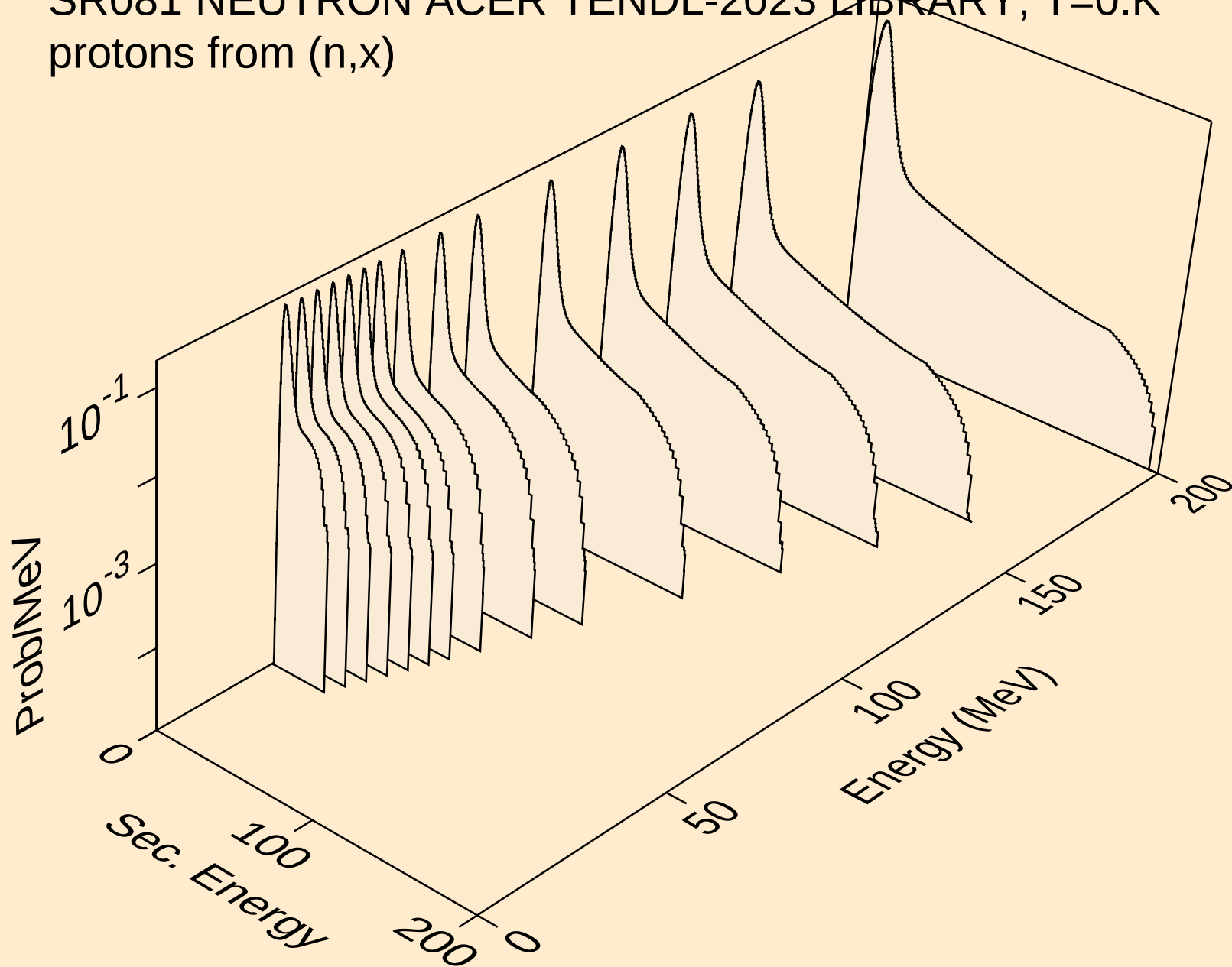
# SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

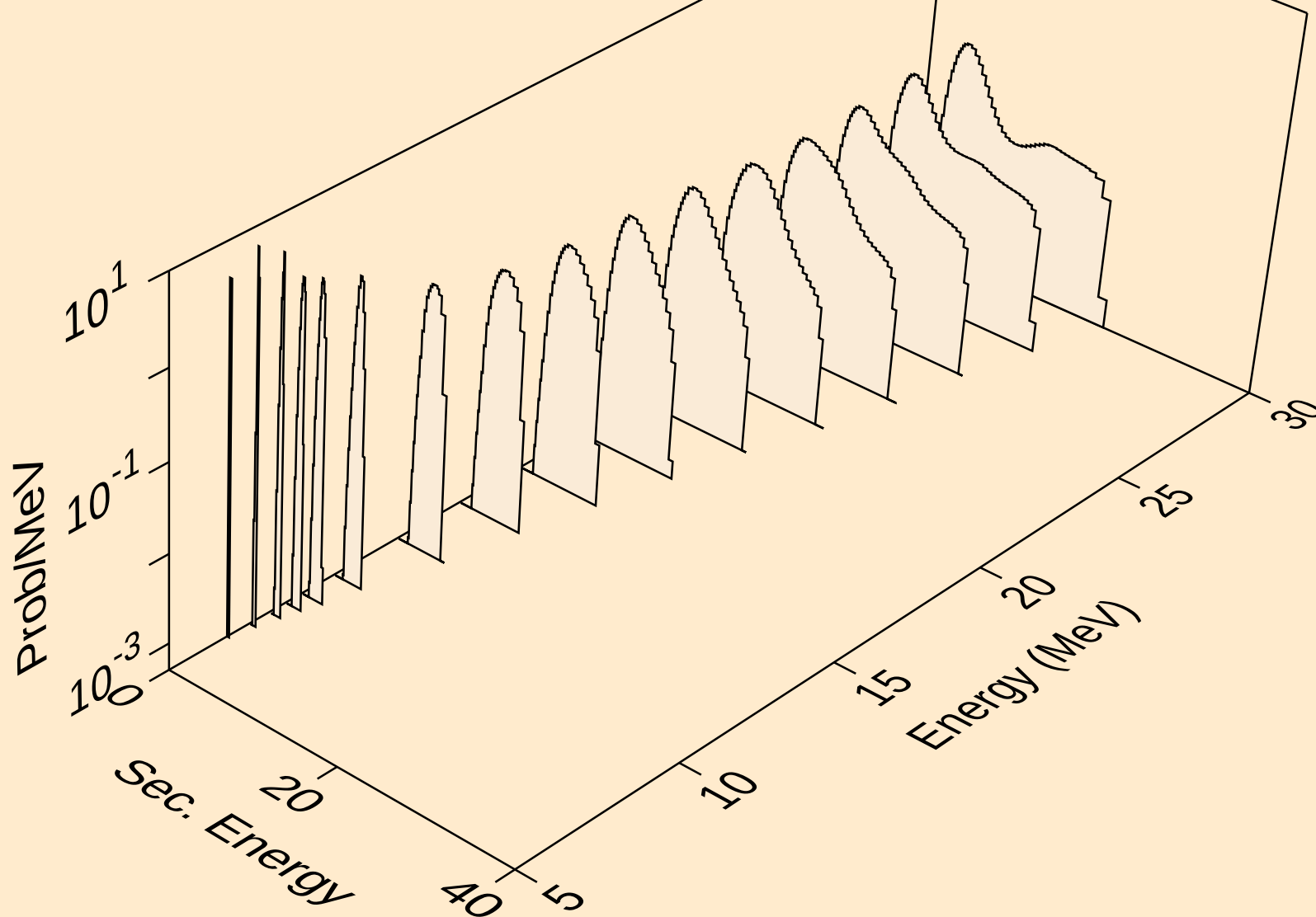




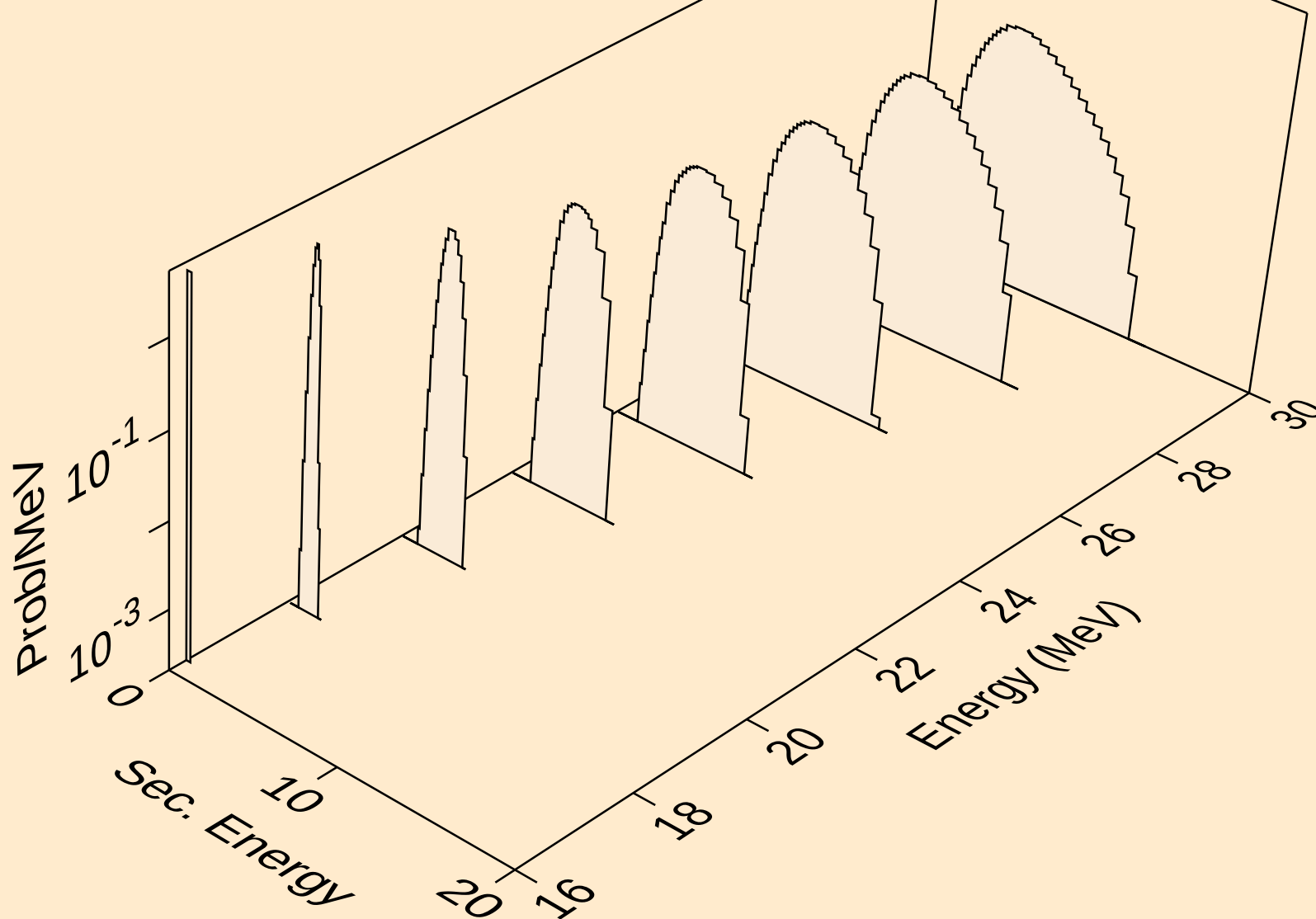
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



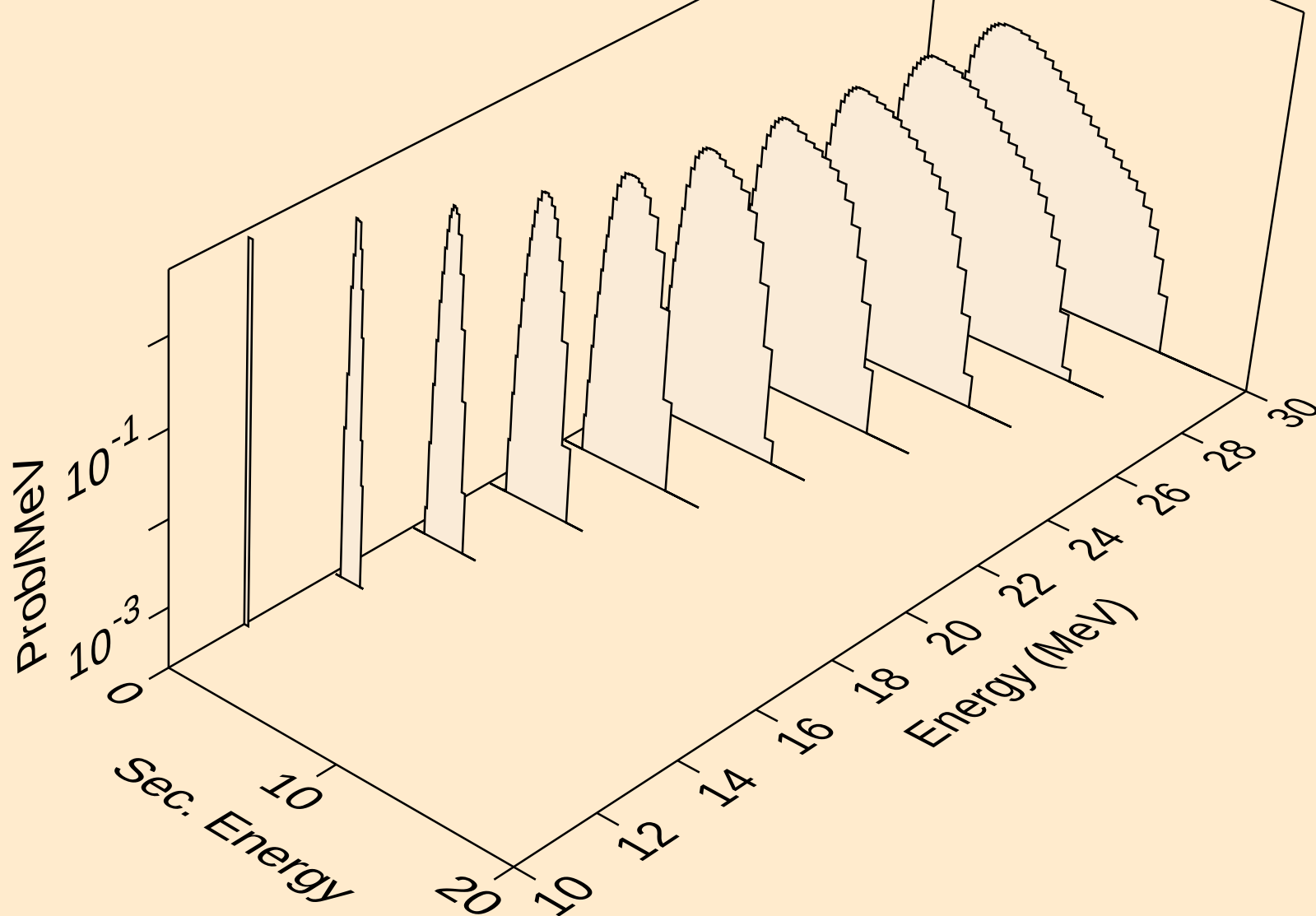
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



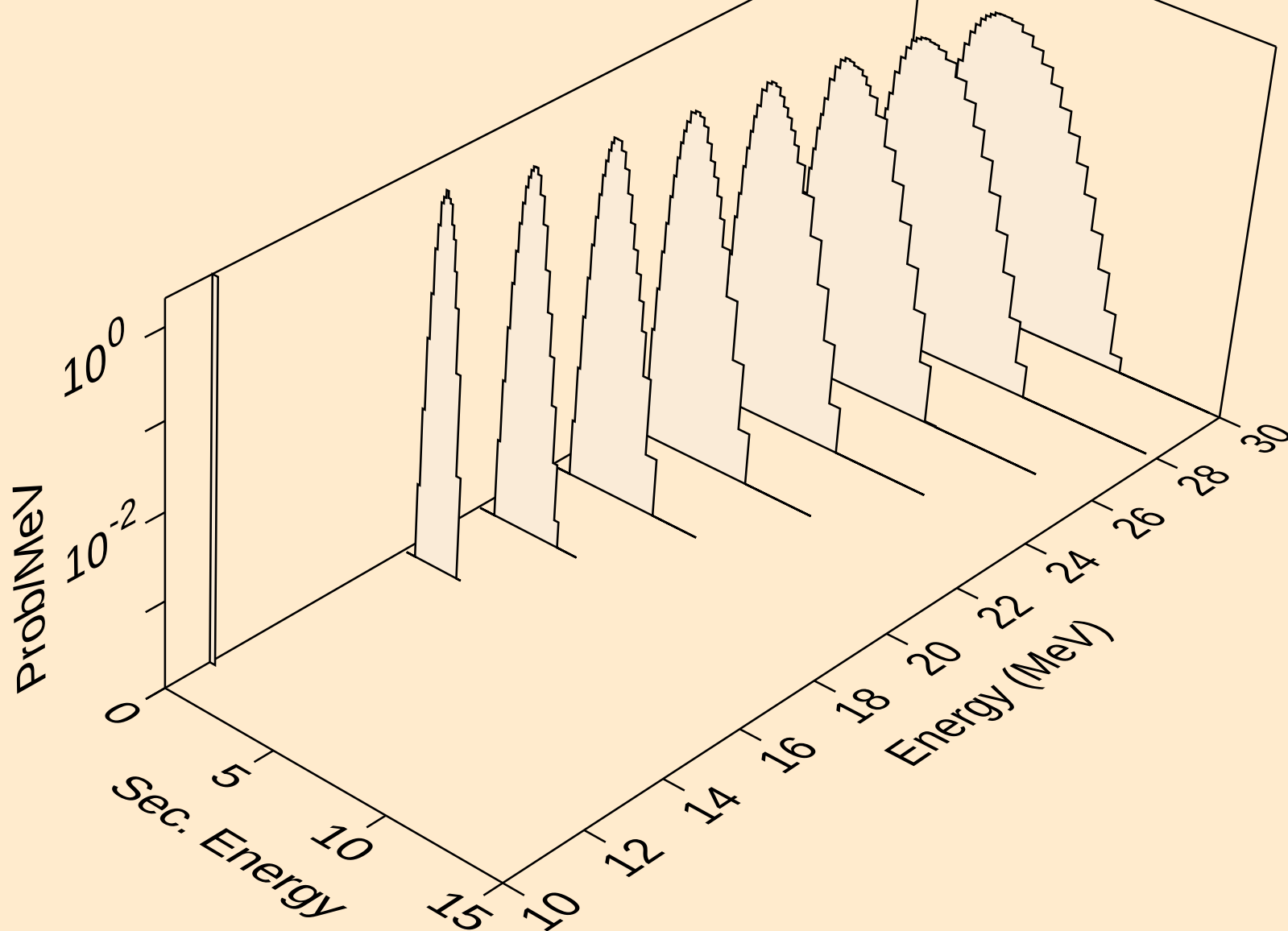
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protons from (n,2np)



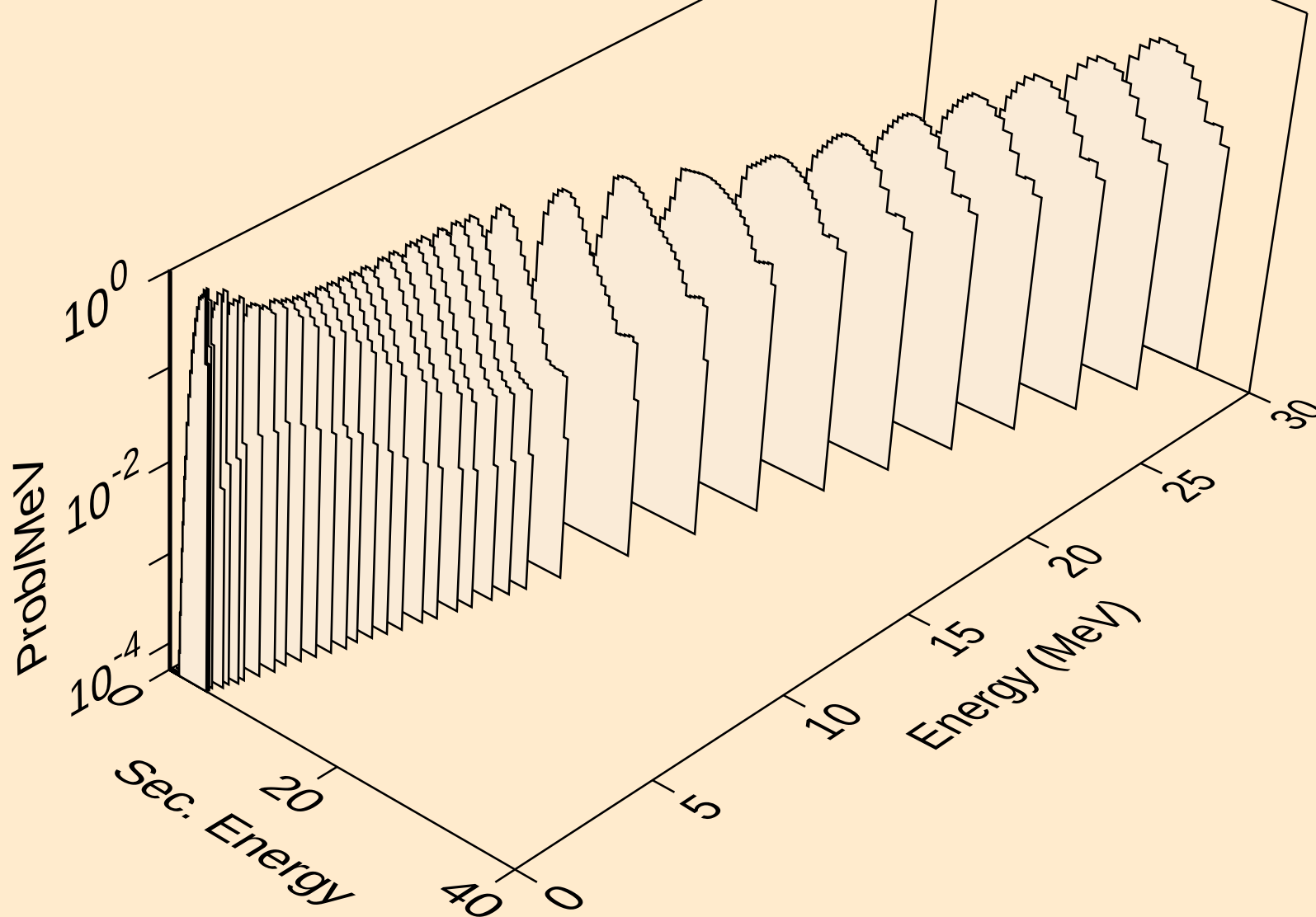
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protons from (n,n2p)



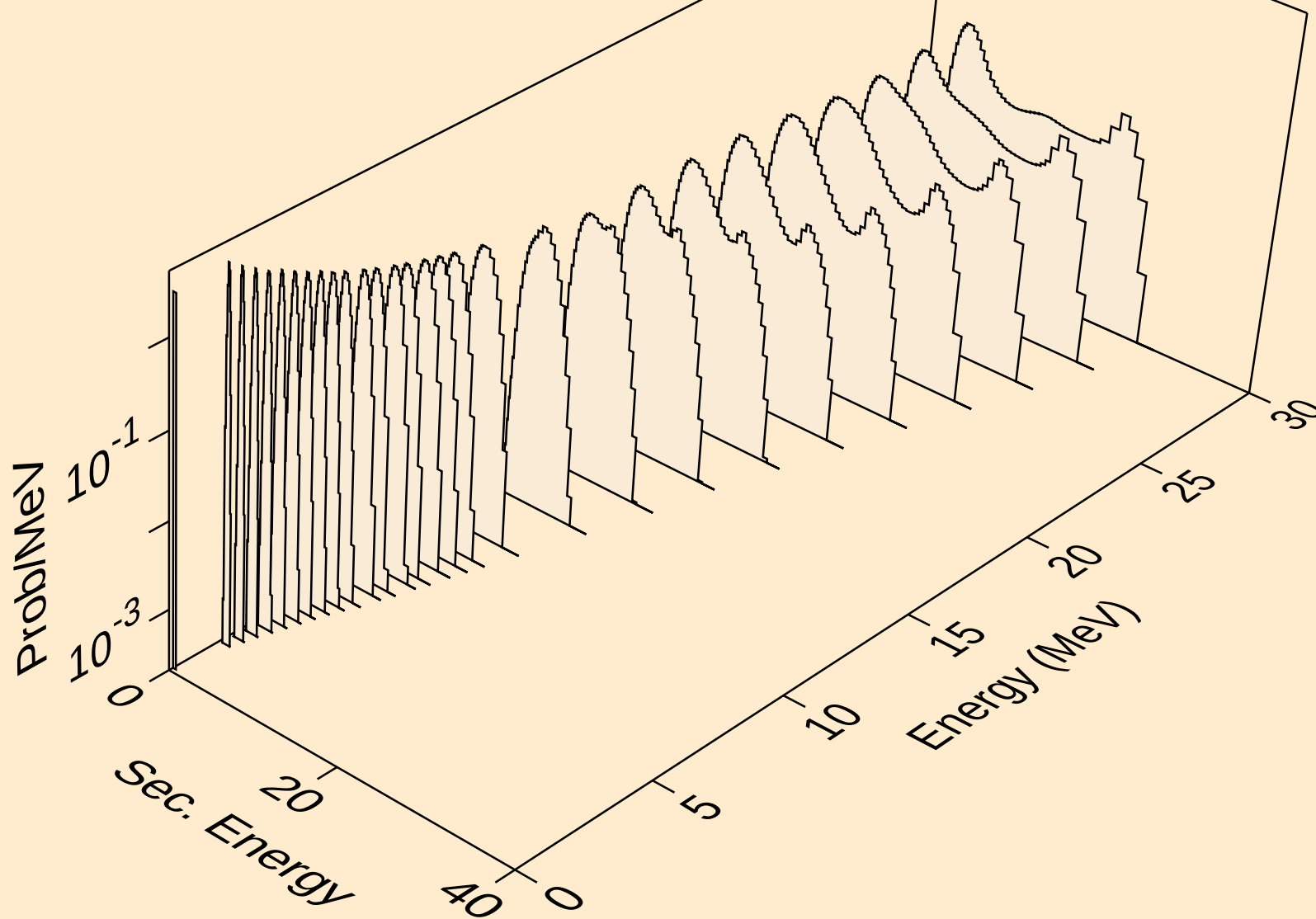
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protons from (n,npa)



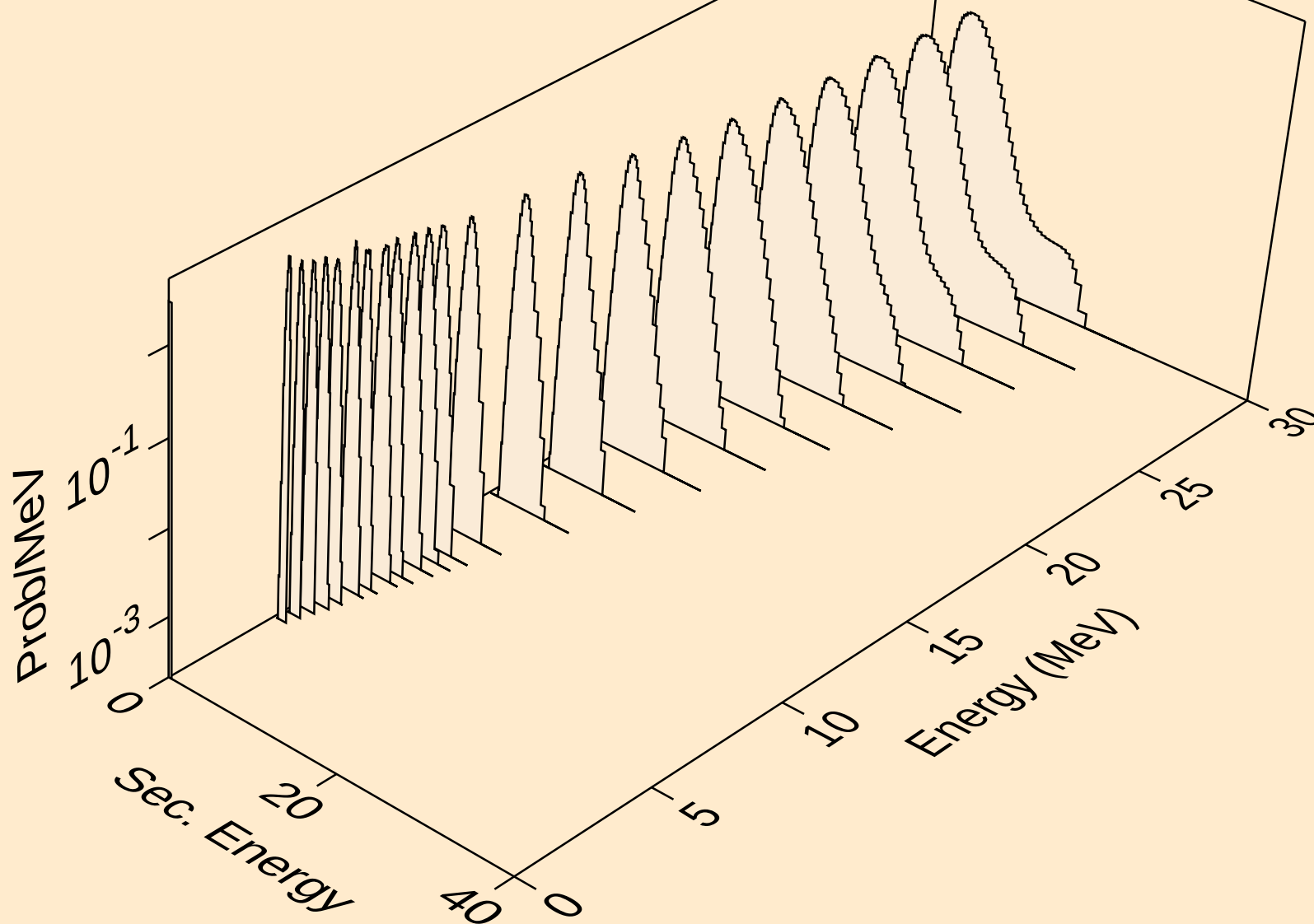
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protons from (n,p)



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)

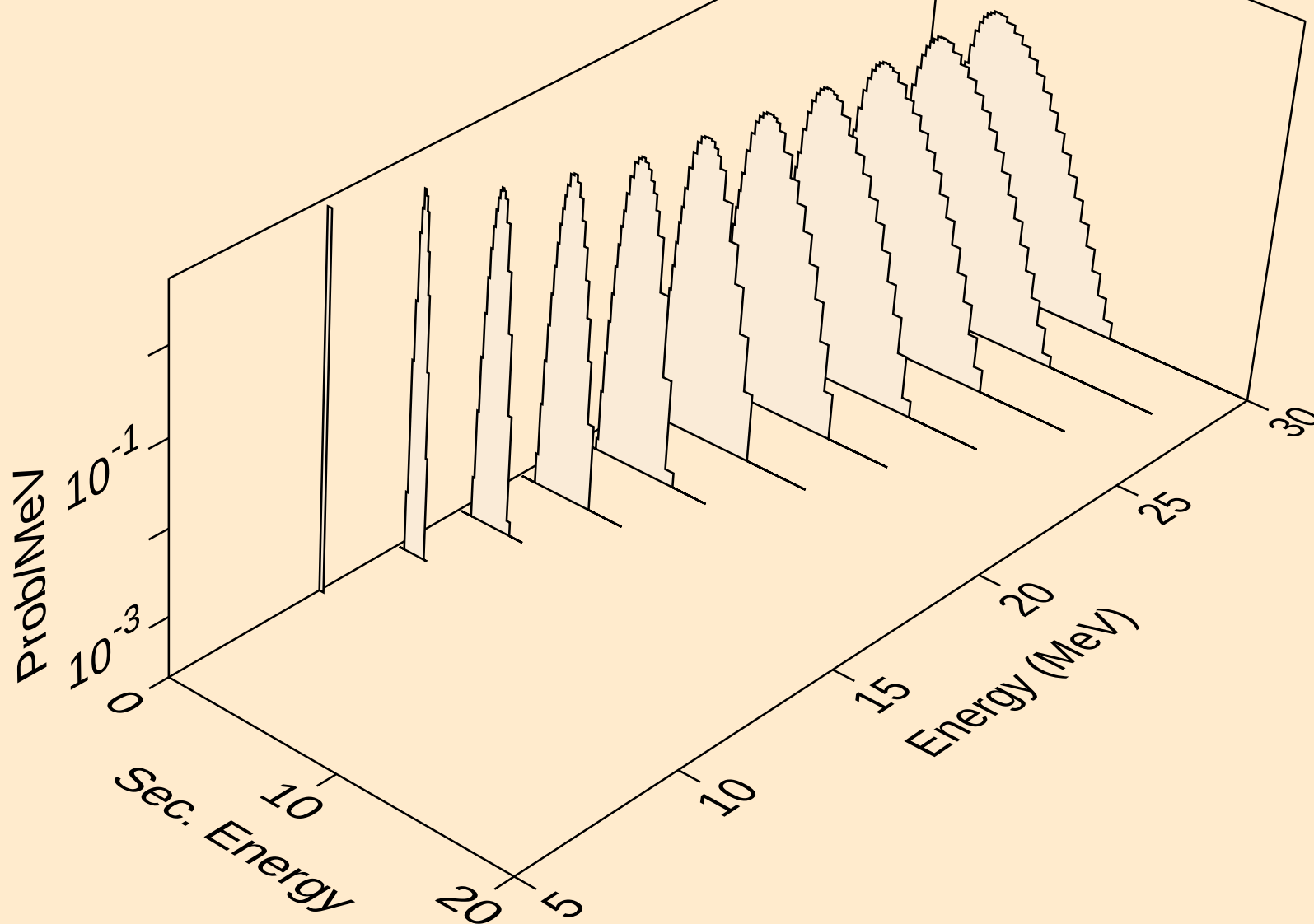


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protons from (n,p)

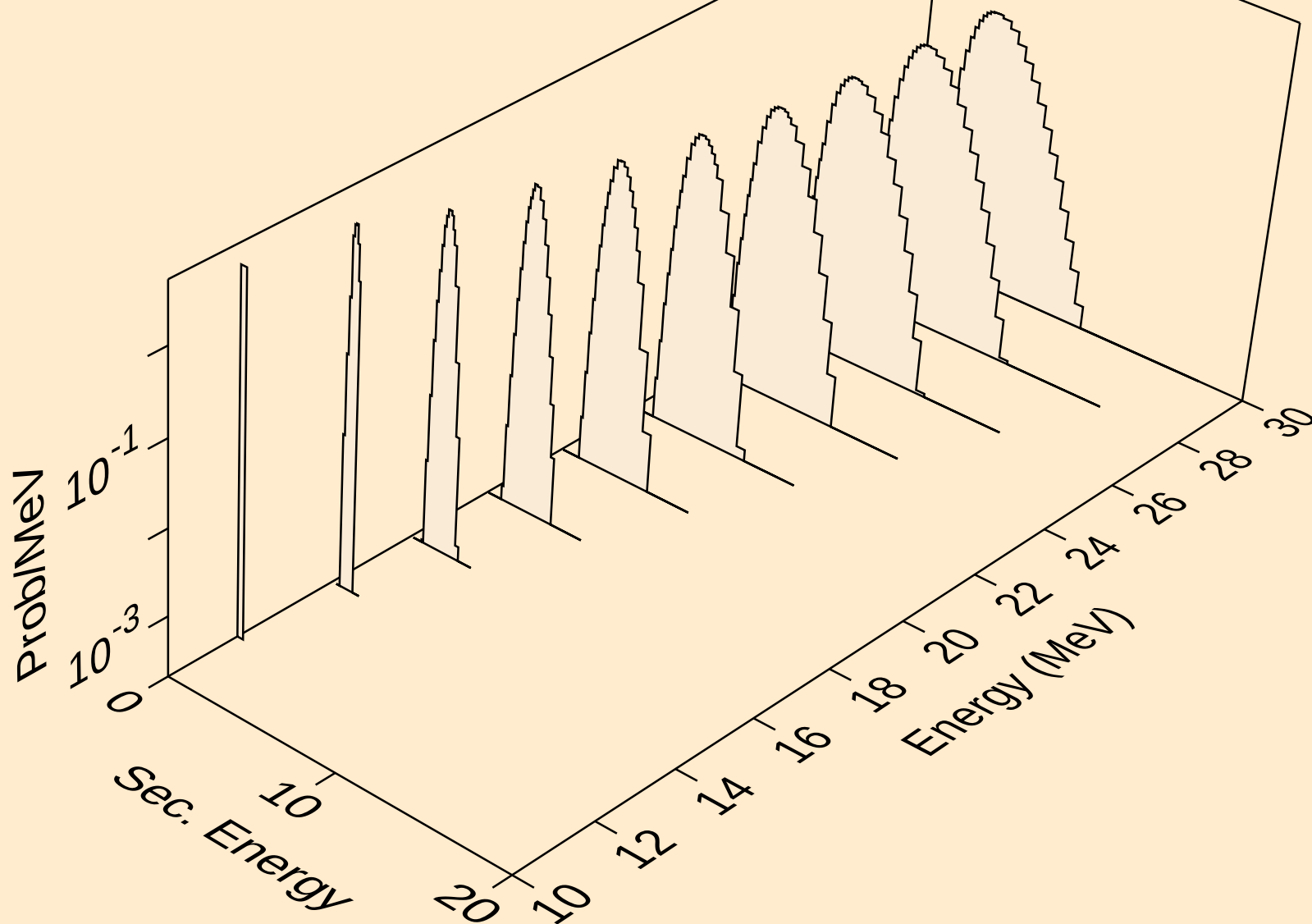




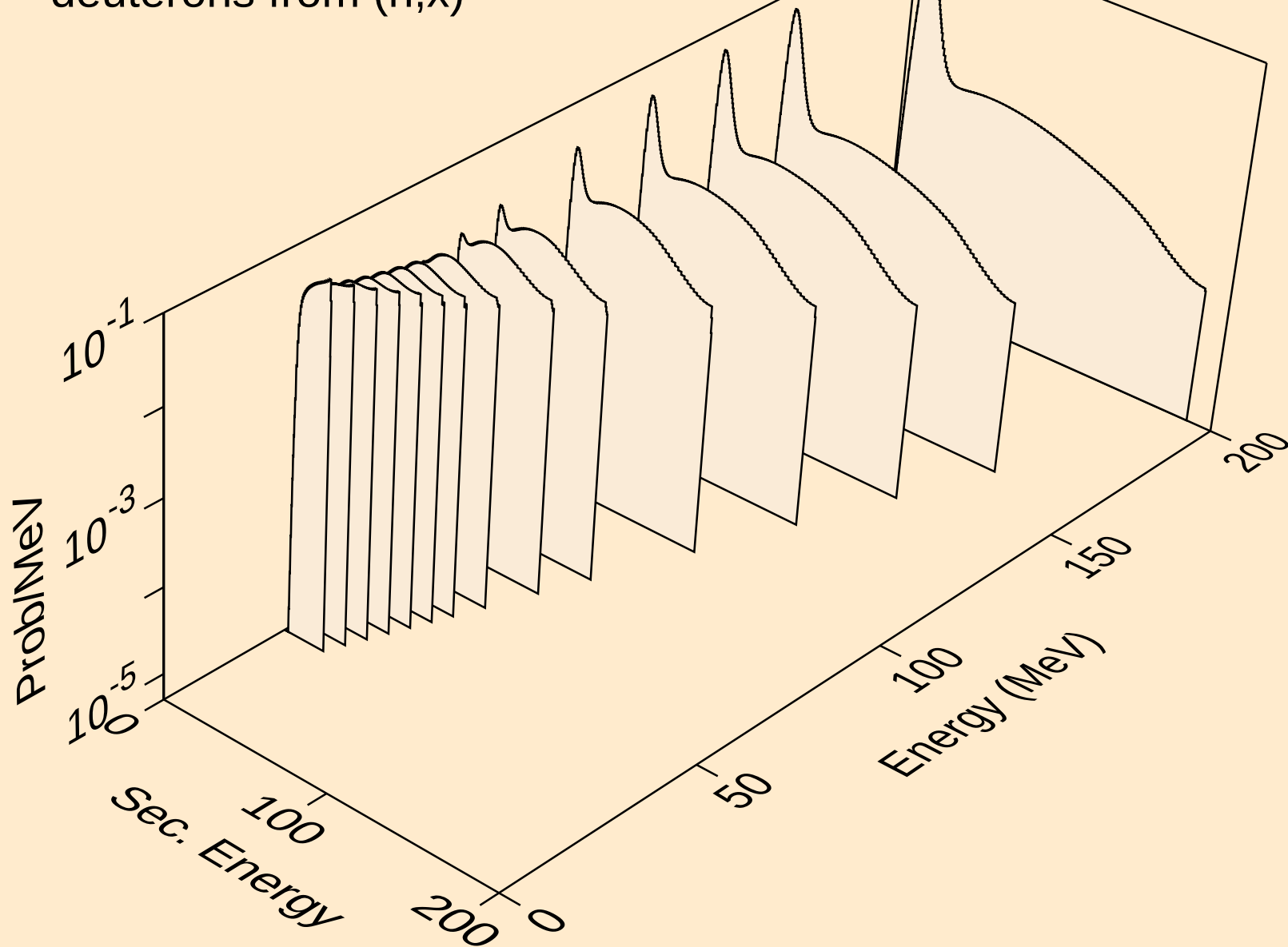
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protons from (n,pd)



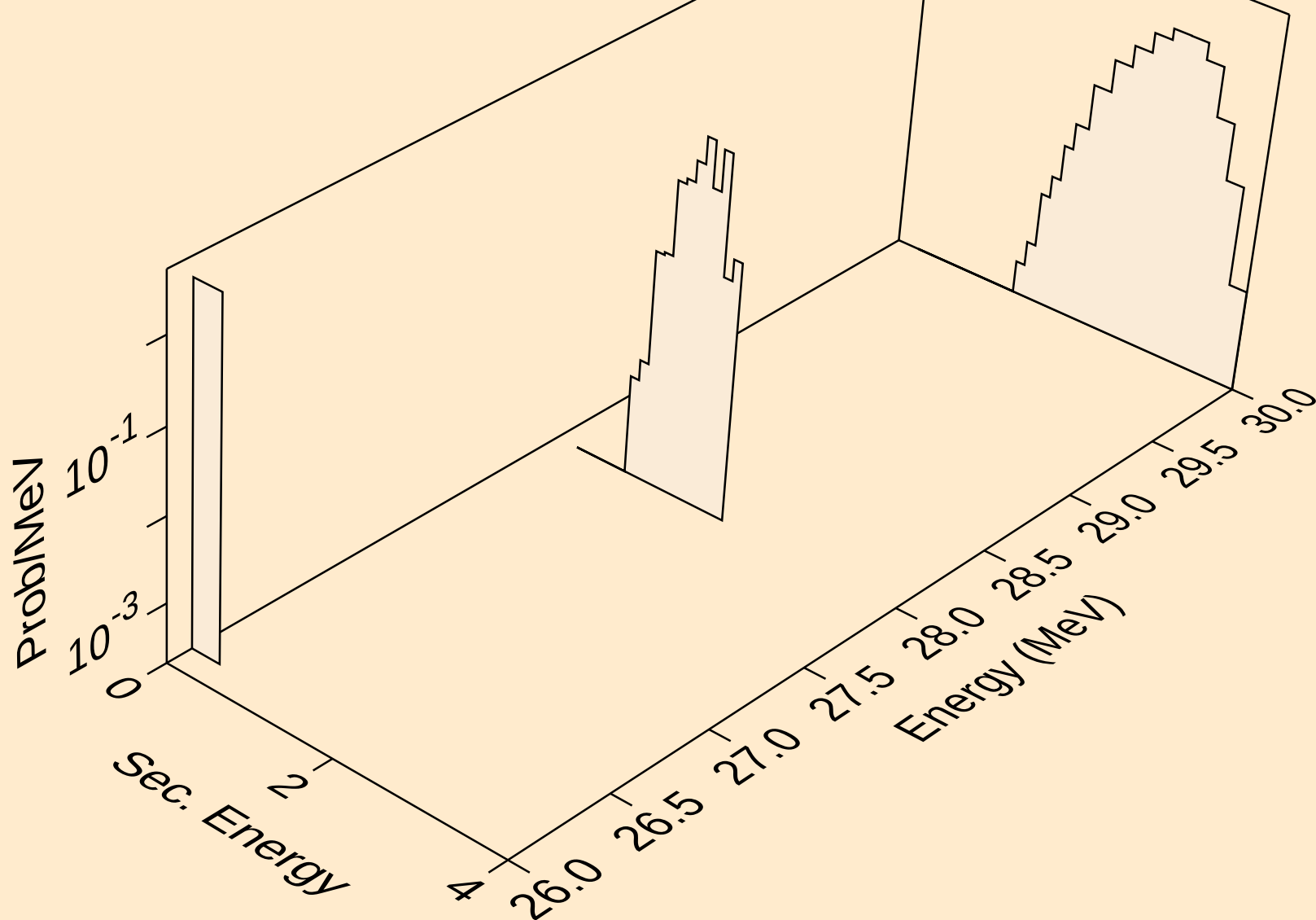
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protons from (n,pt)



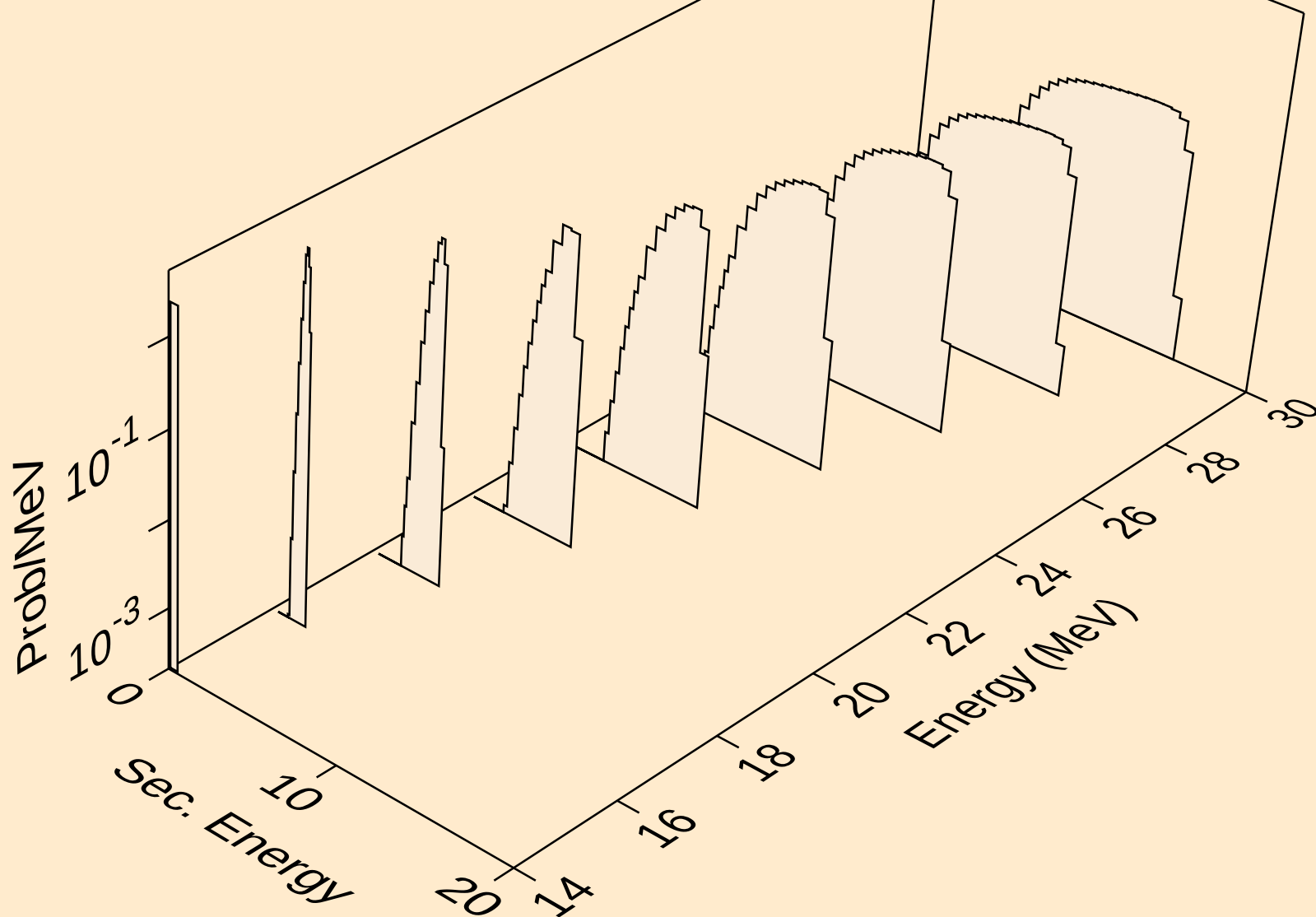
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deuterons from (n,x)



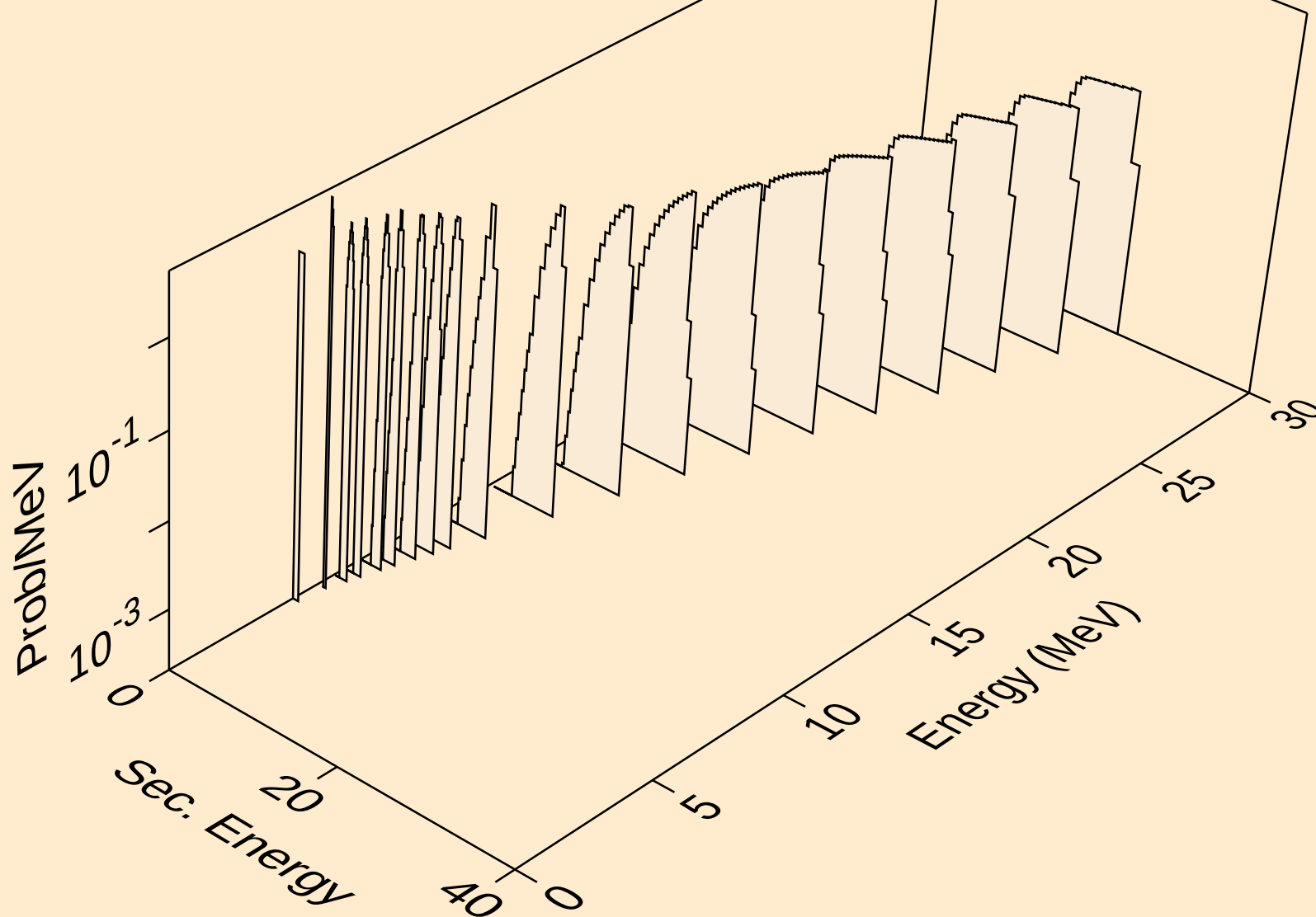
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deuterons from (n,2nd)



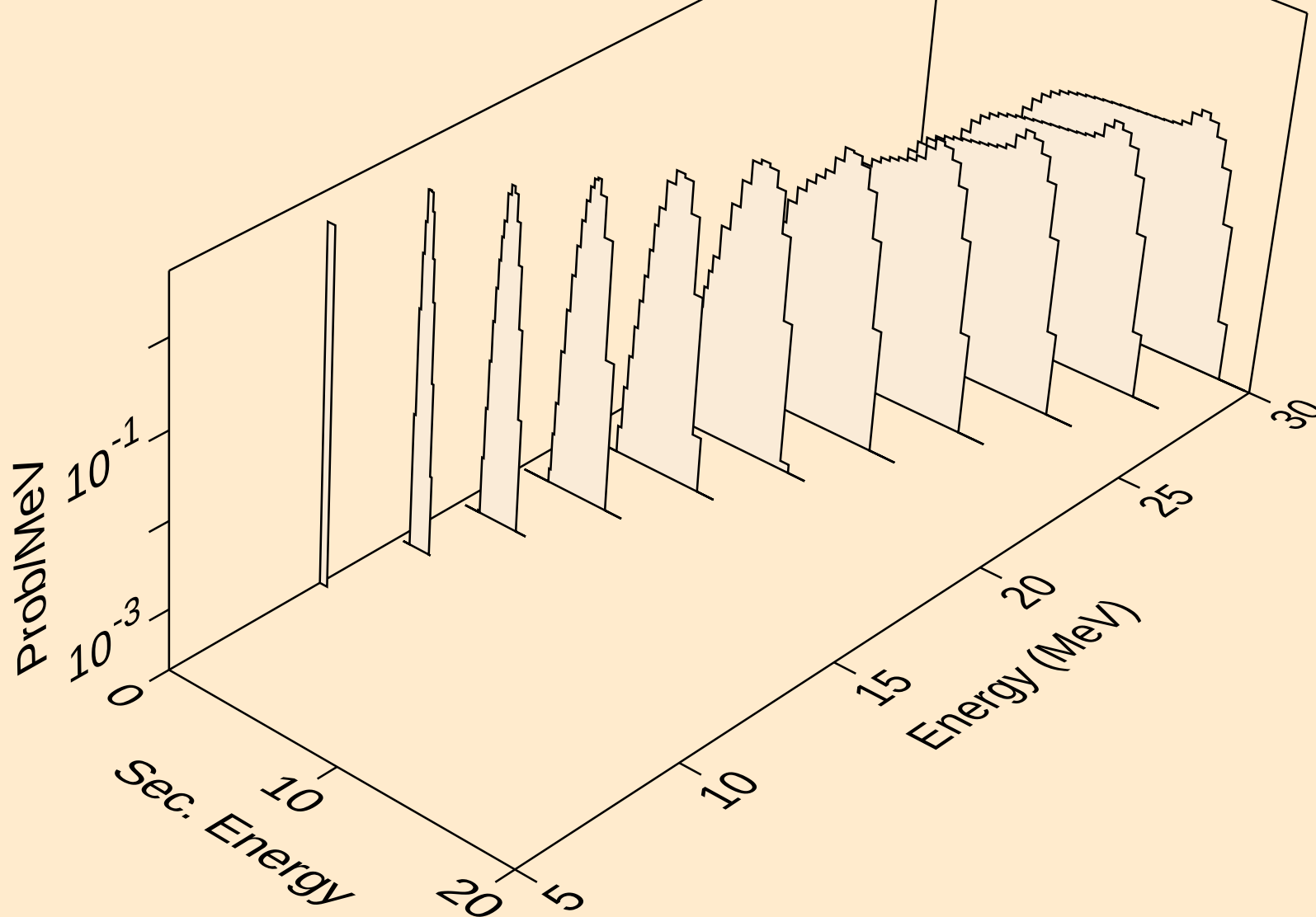
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deuterons from (n,n\*)d



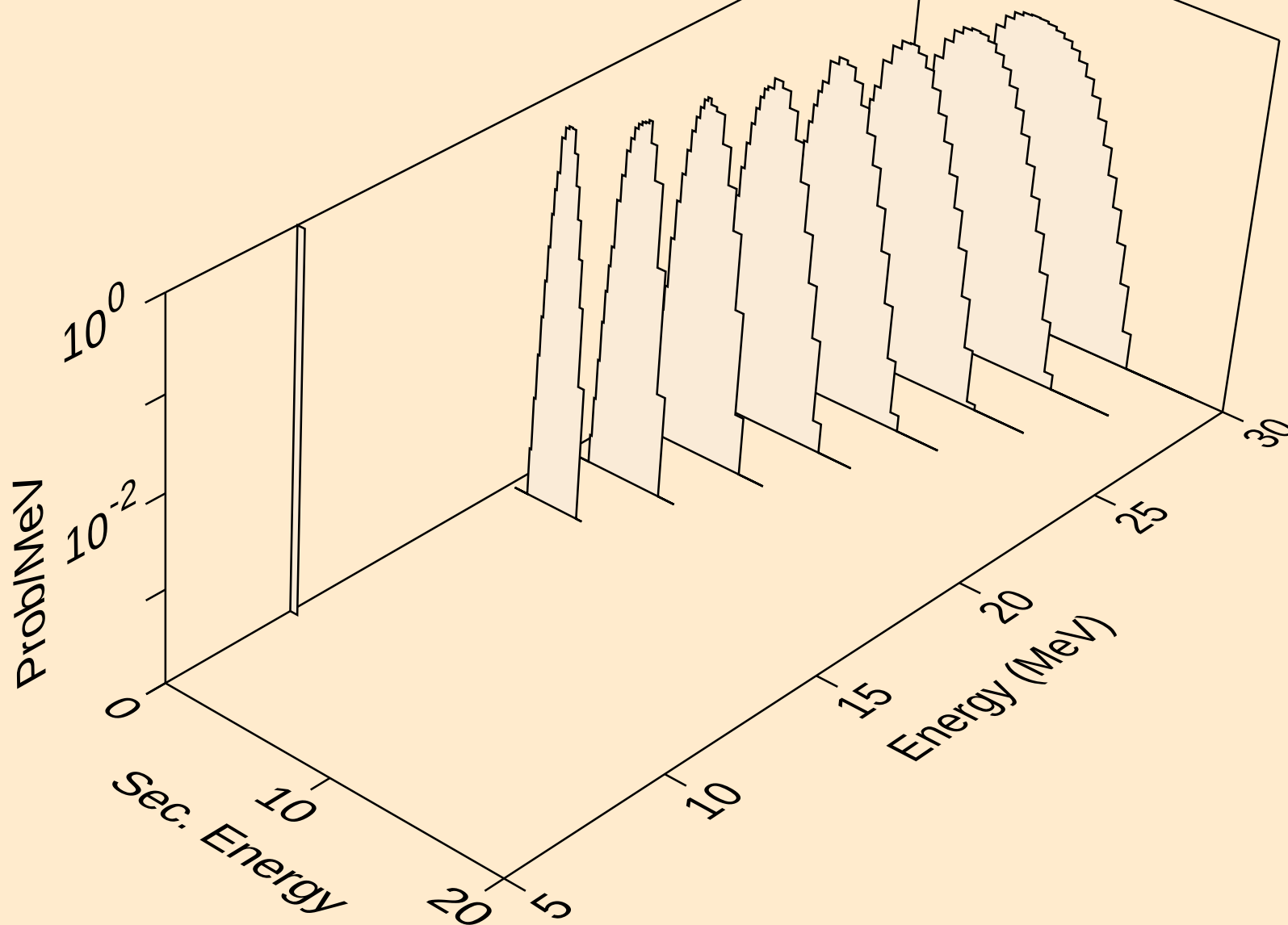
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deuterons from (n,d)



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)

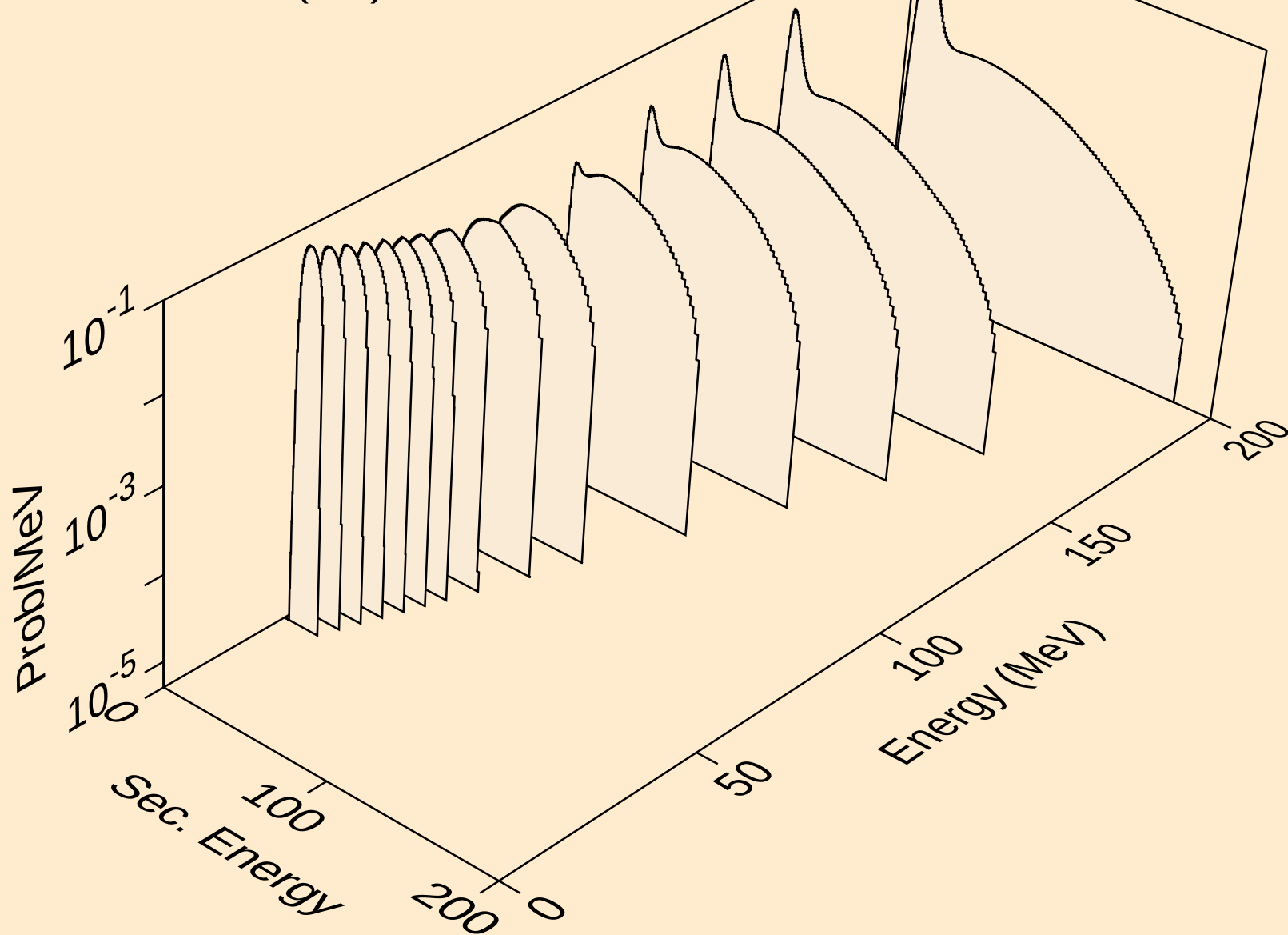


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deuterons from (n,da)

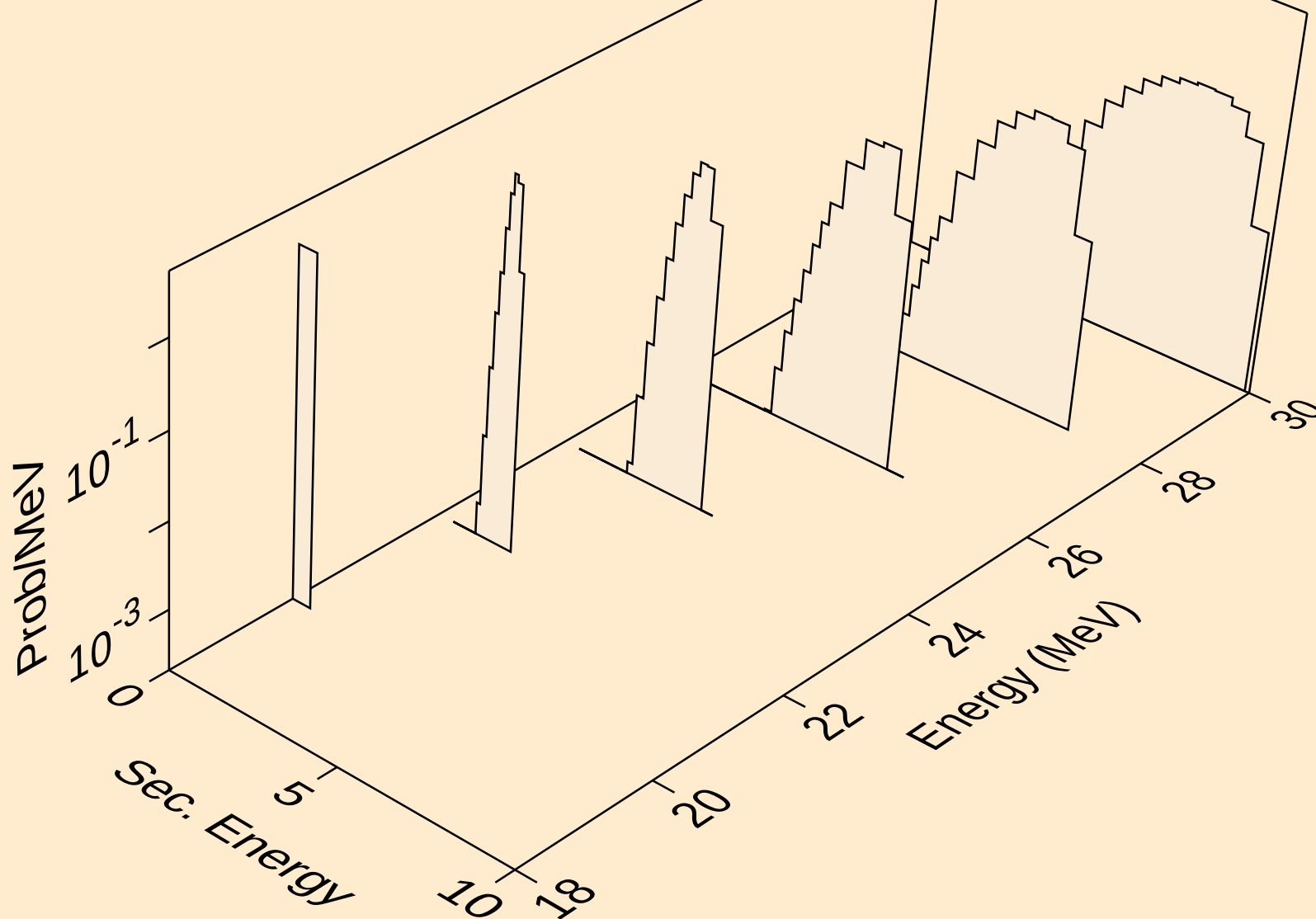




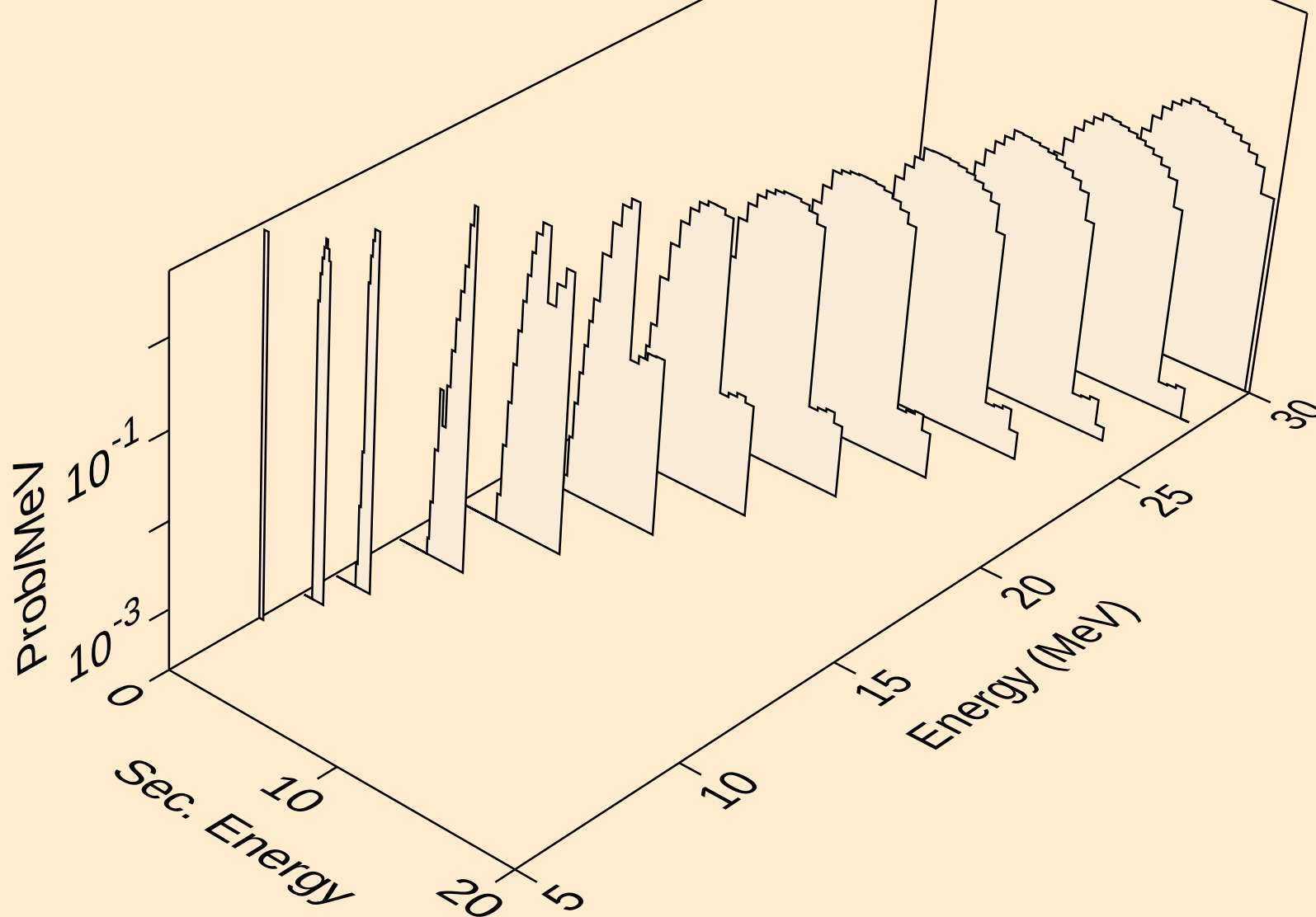
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tritons from (n,x)



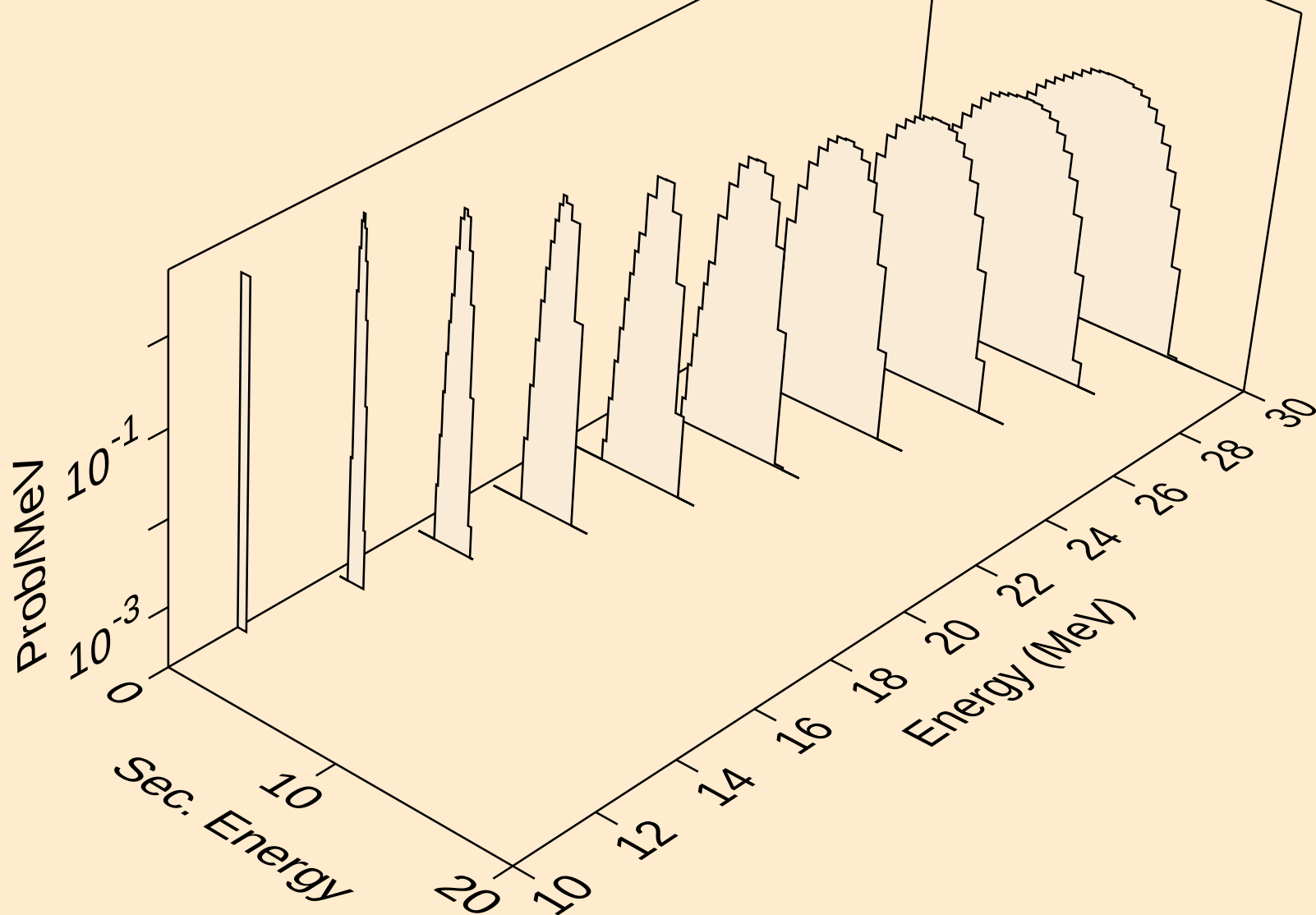
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tritons from (n,n\*)t



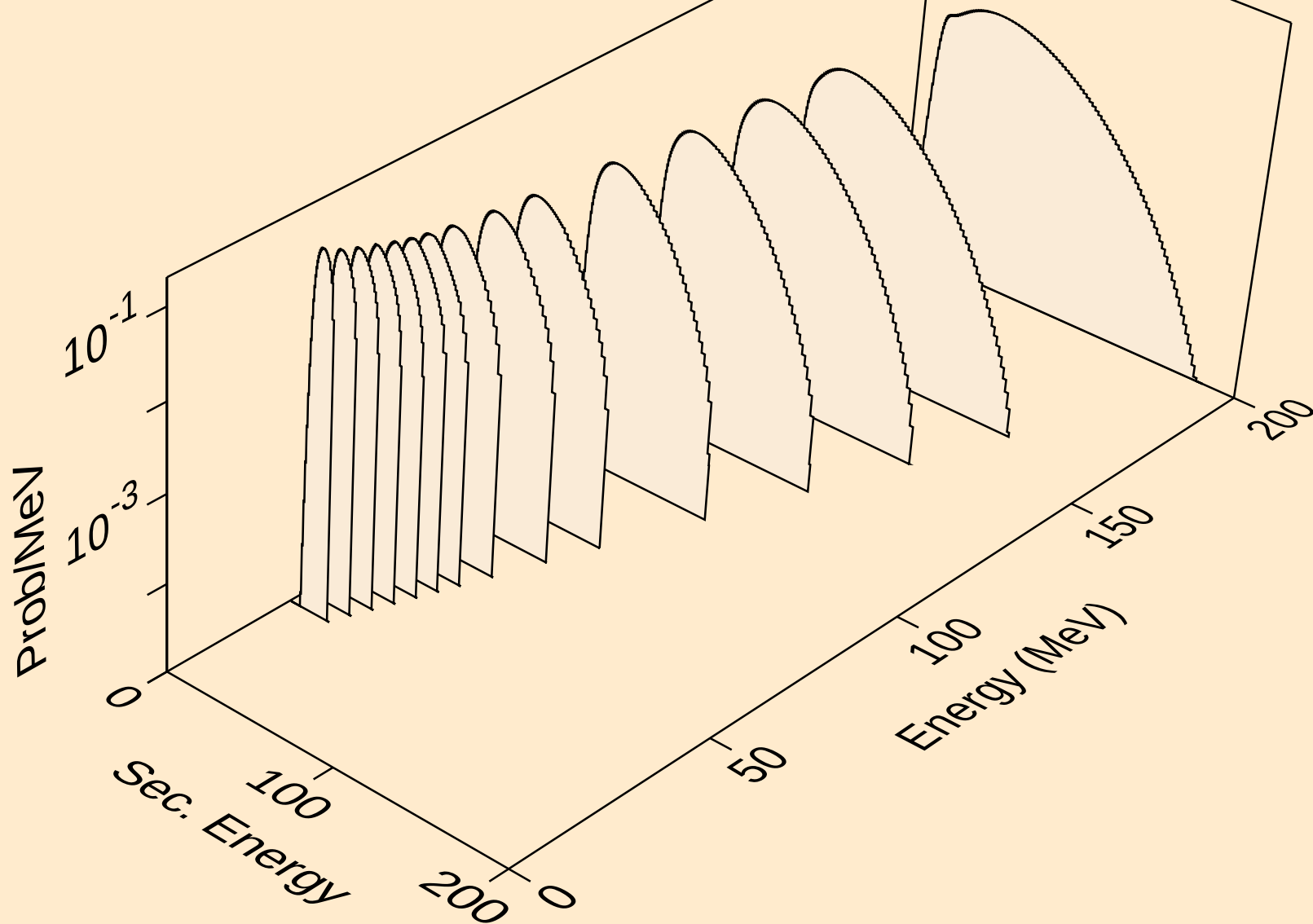
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tritons from (n,t)



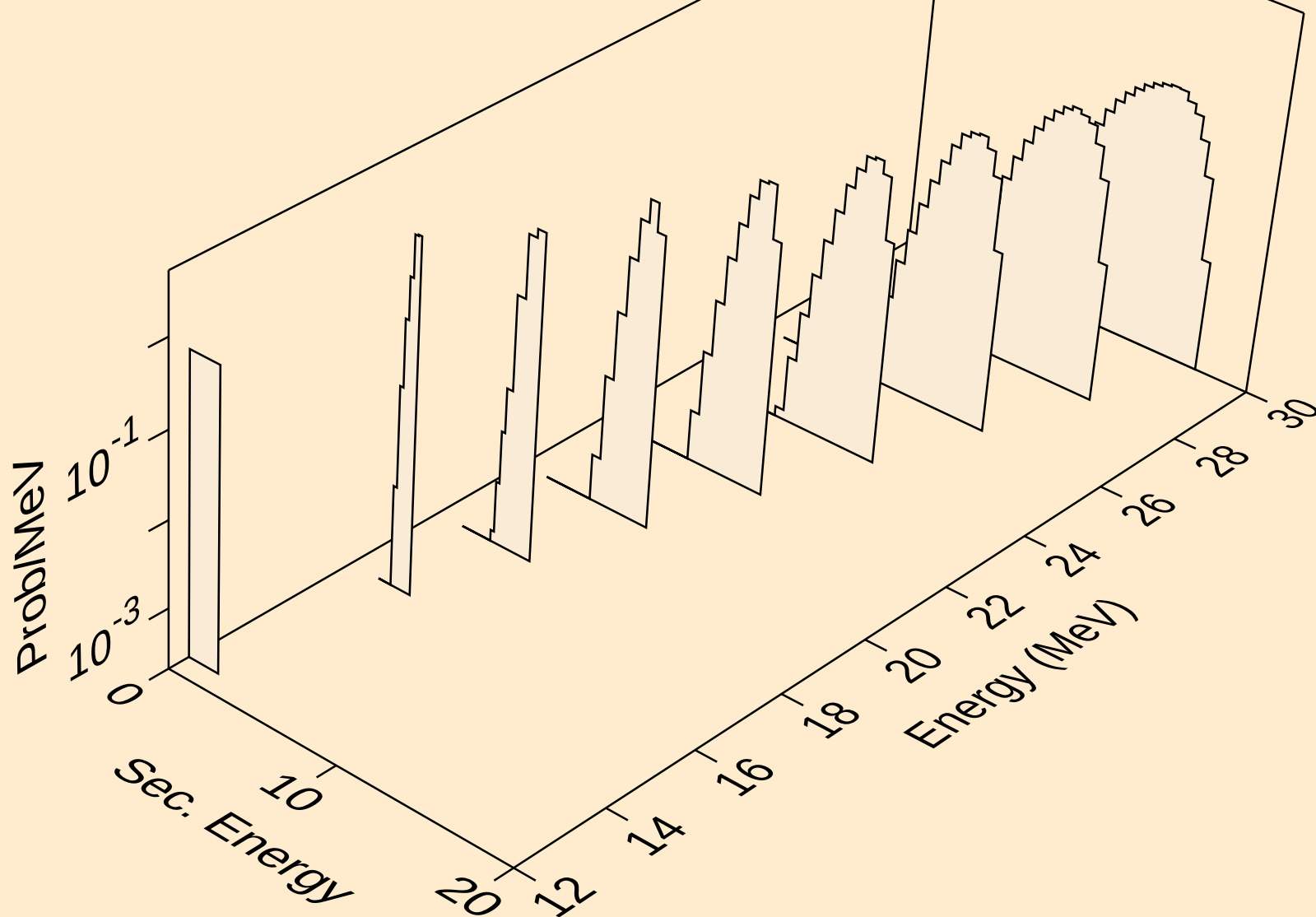
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tritons from (n,pt)



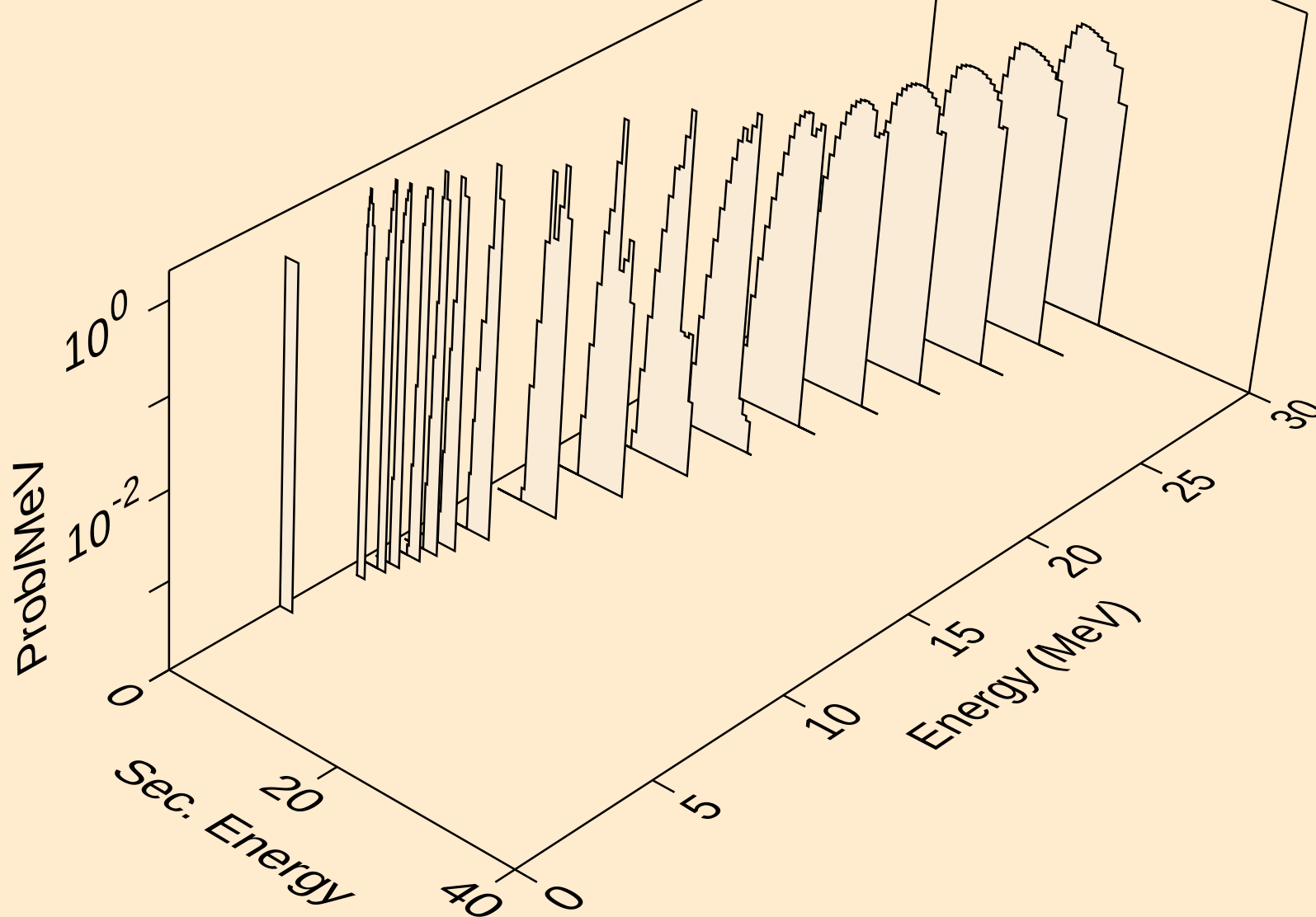
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



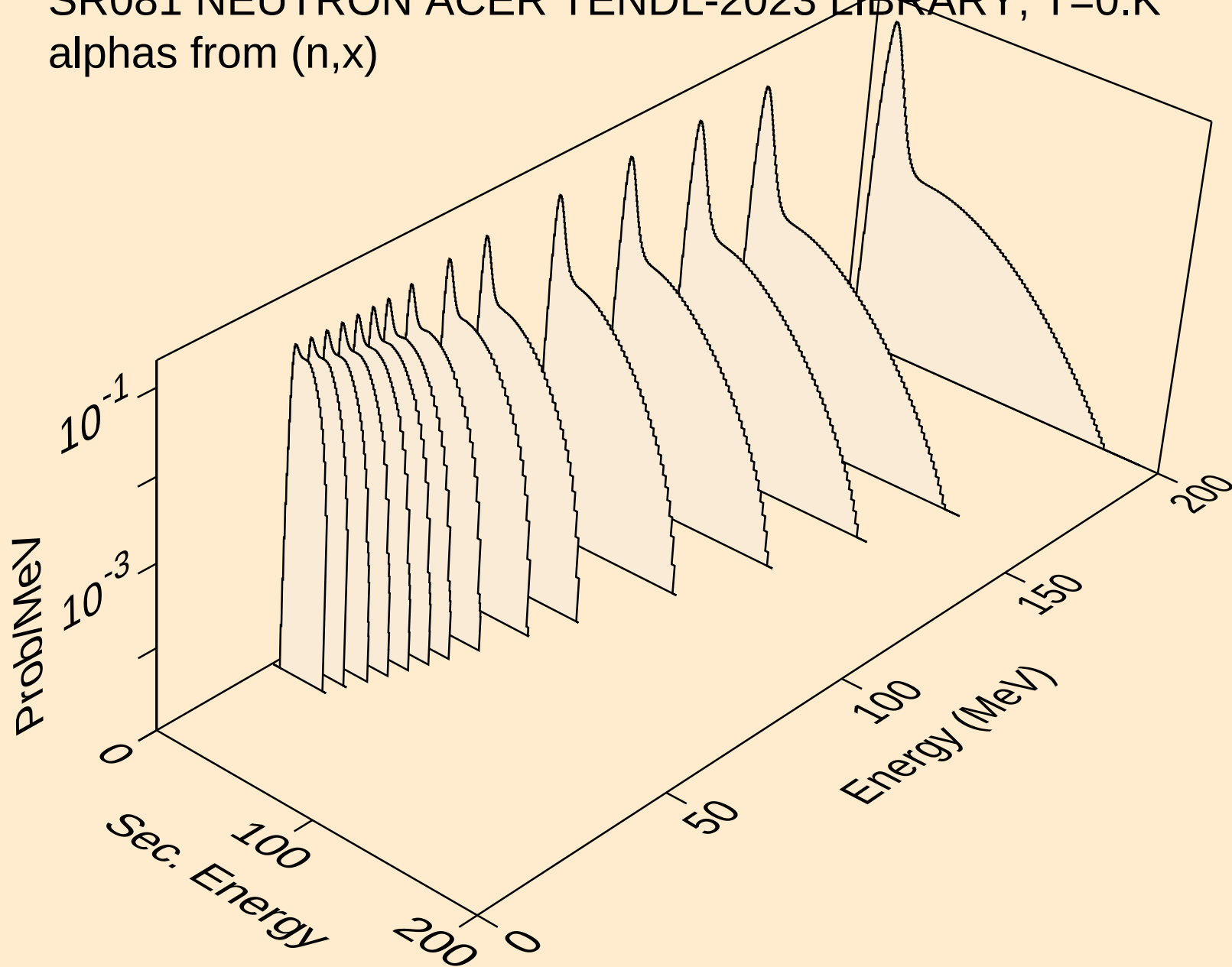
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

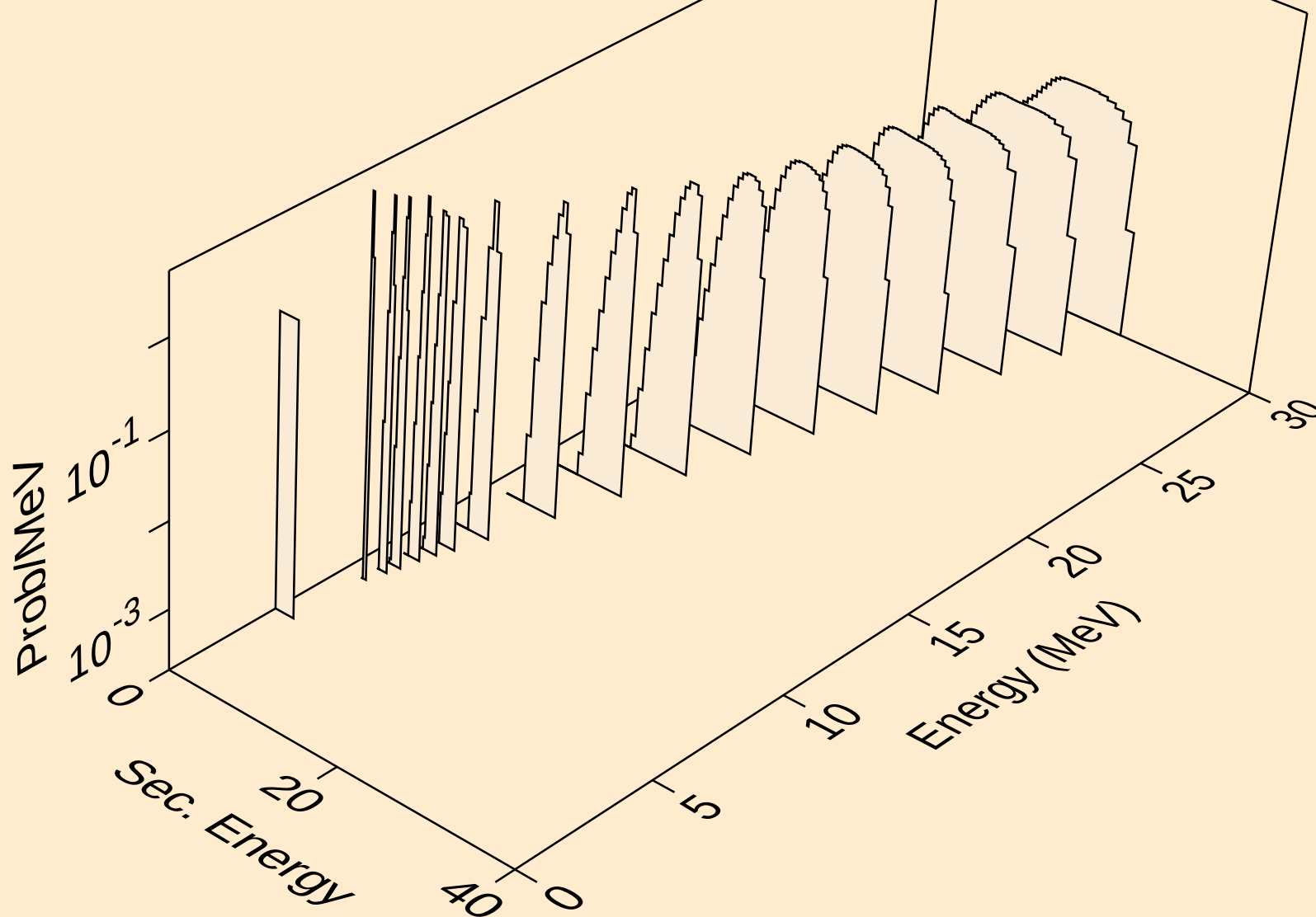


SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

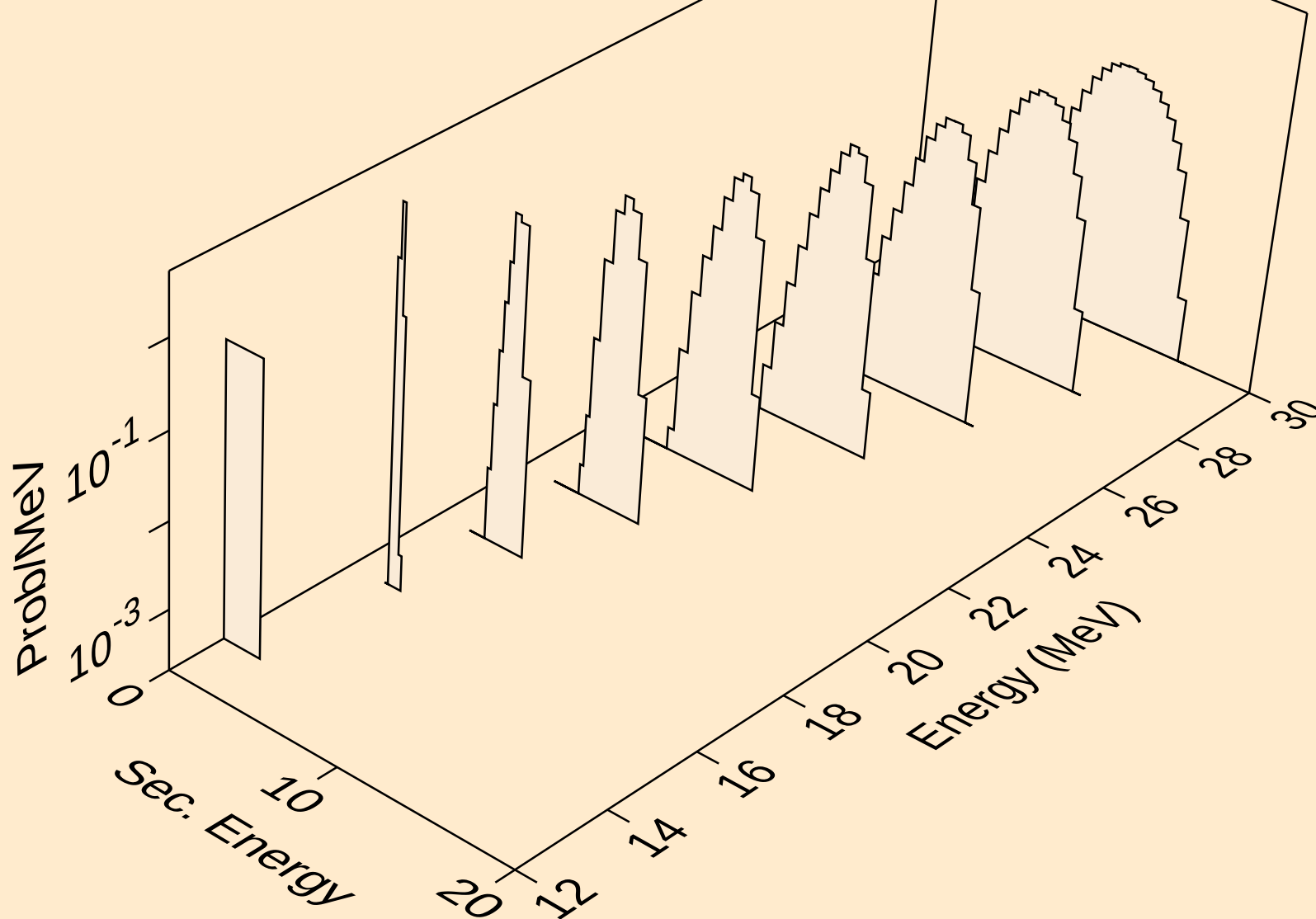




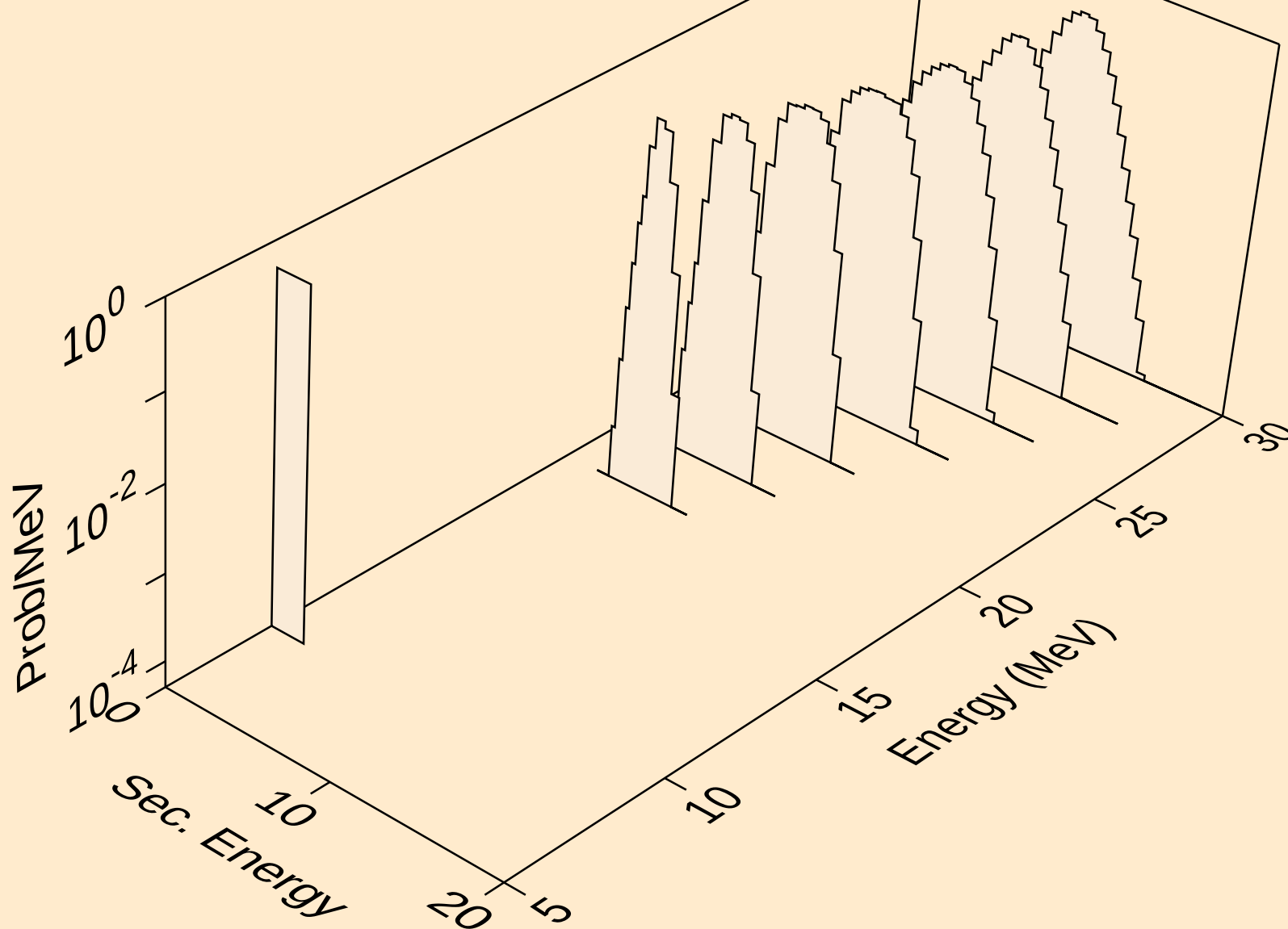
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



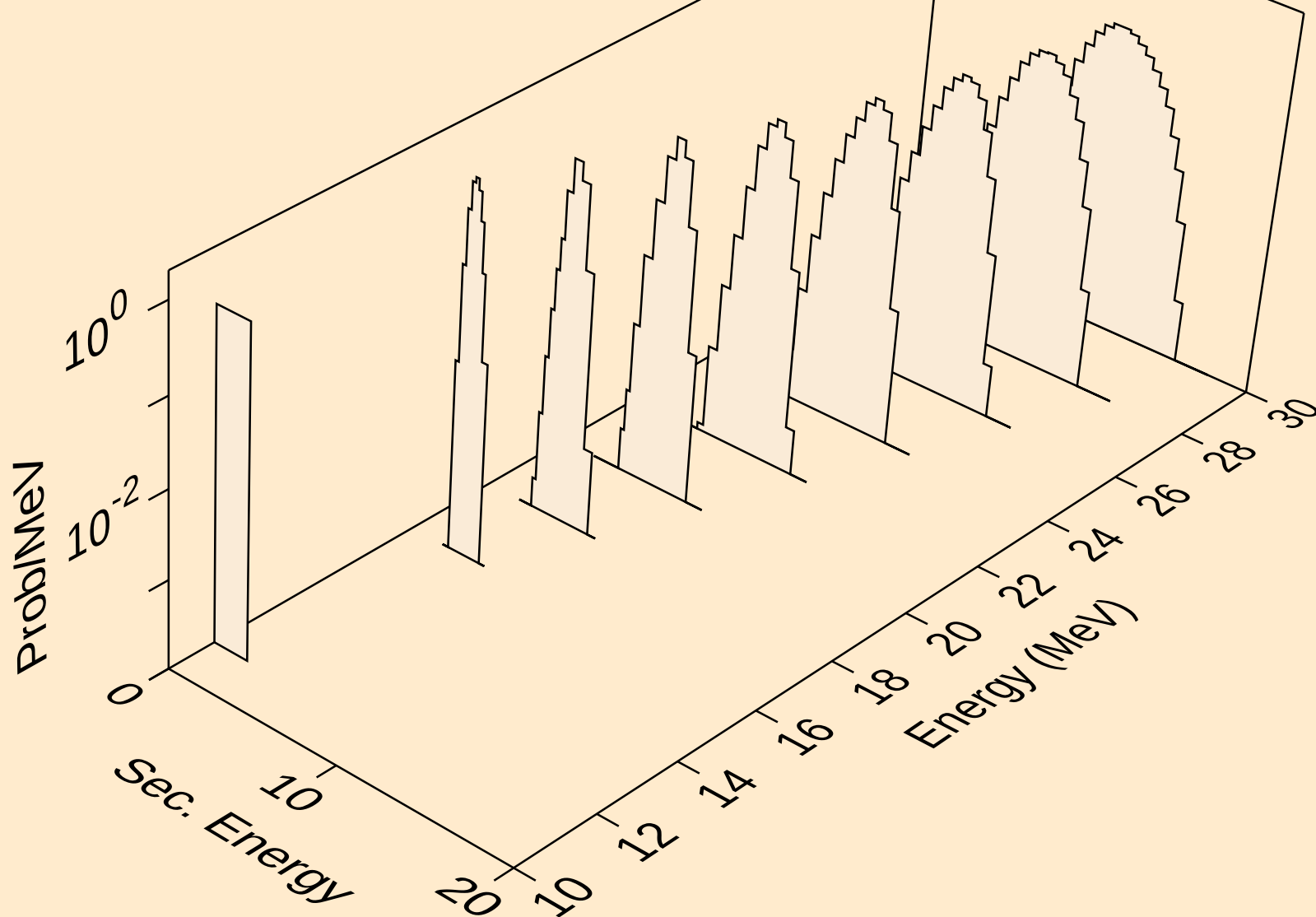
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alphas from (n,2n)a



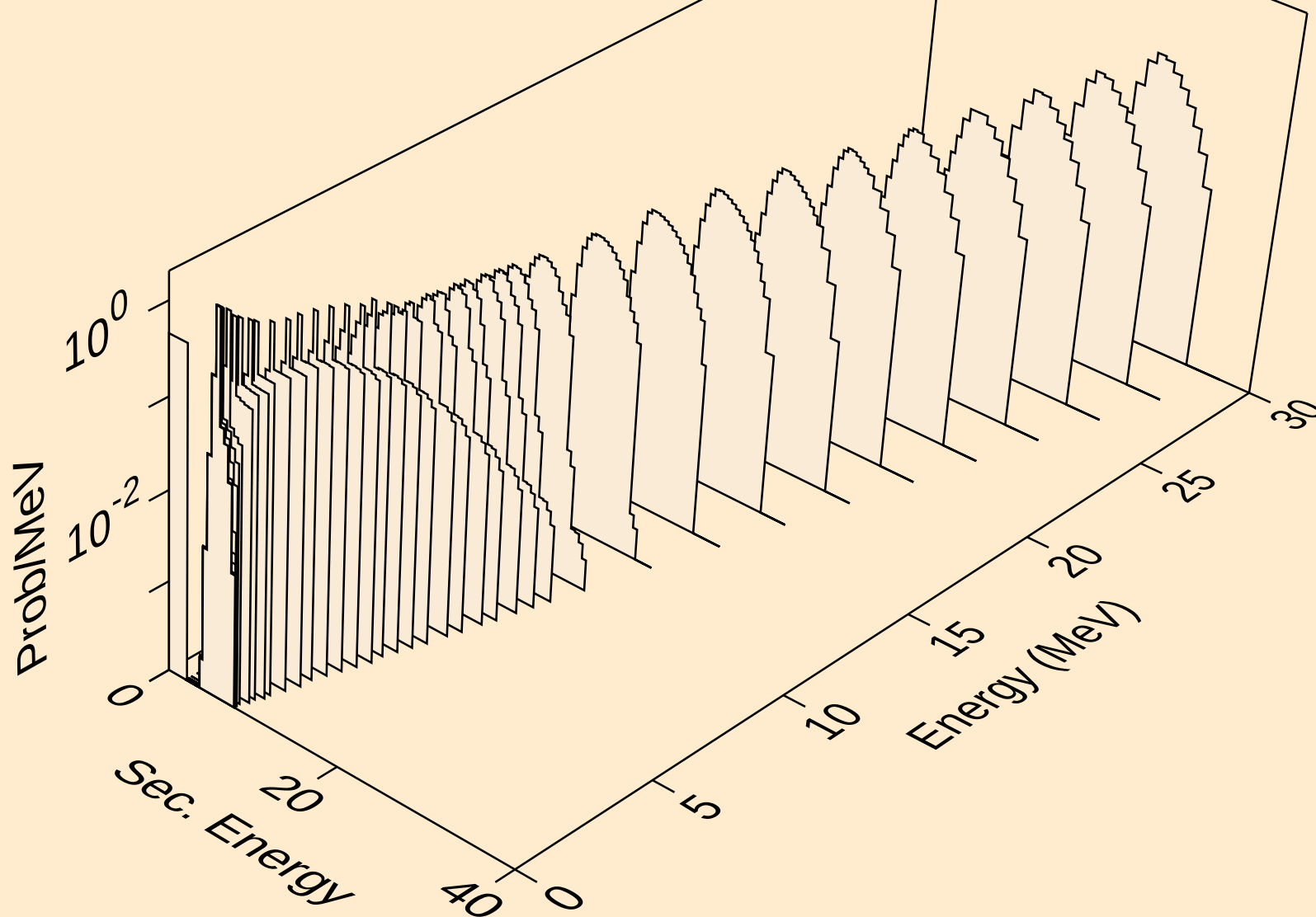
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alphas from (n,n\*)2a



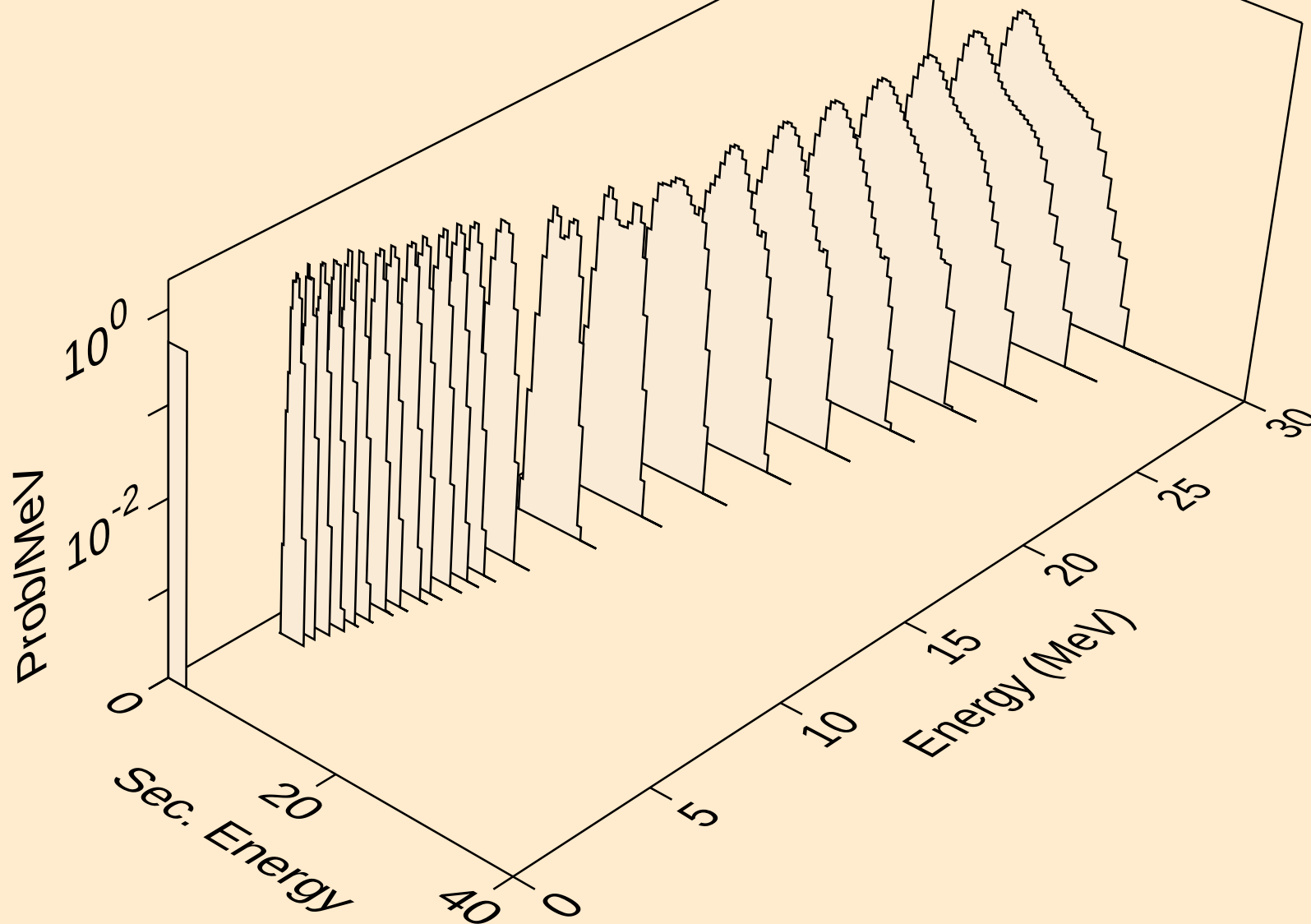
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alphas from (n,npa)



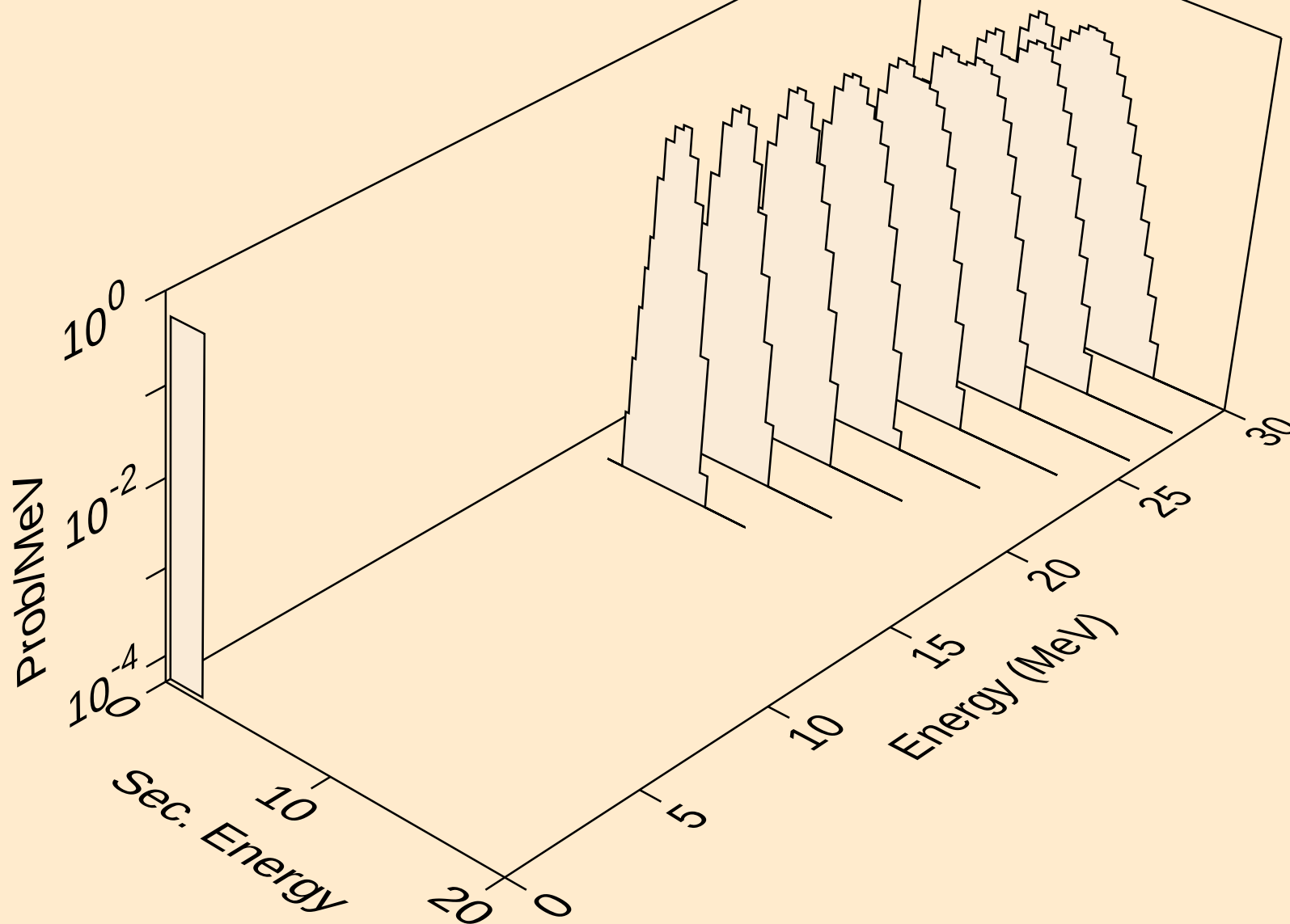
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alphas from (n,a)



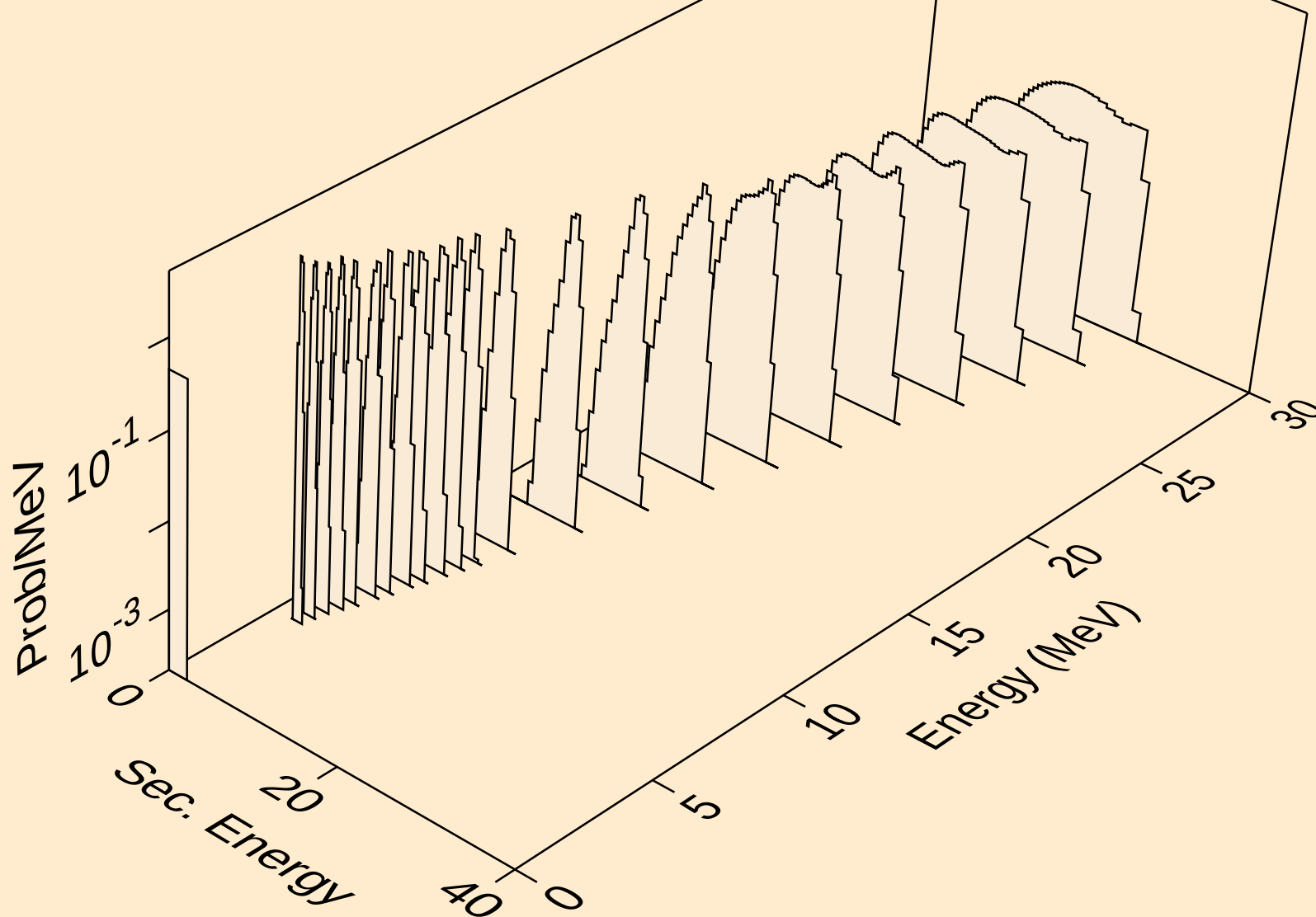
SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)





SR081 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

