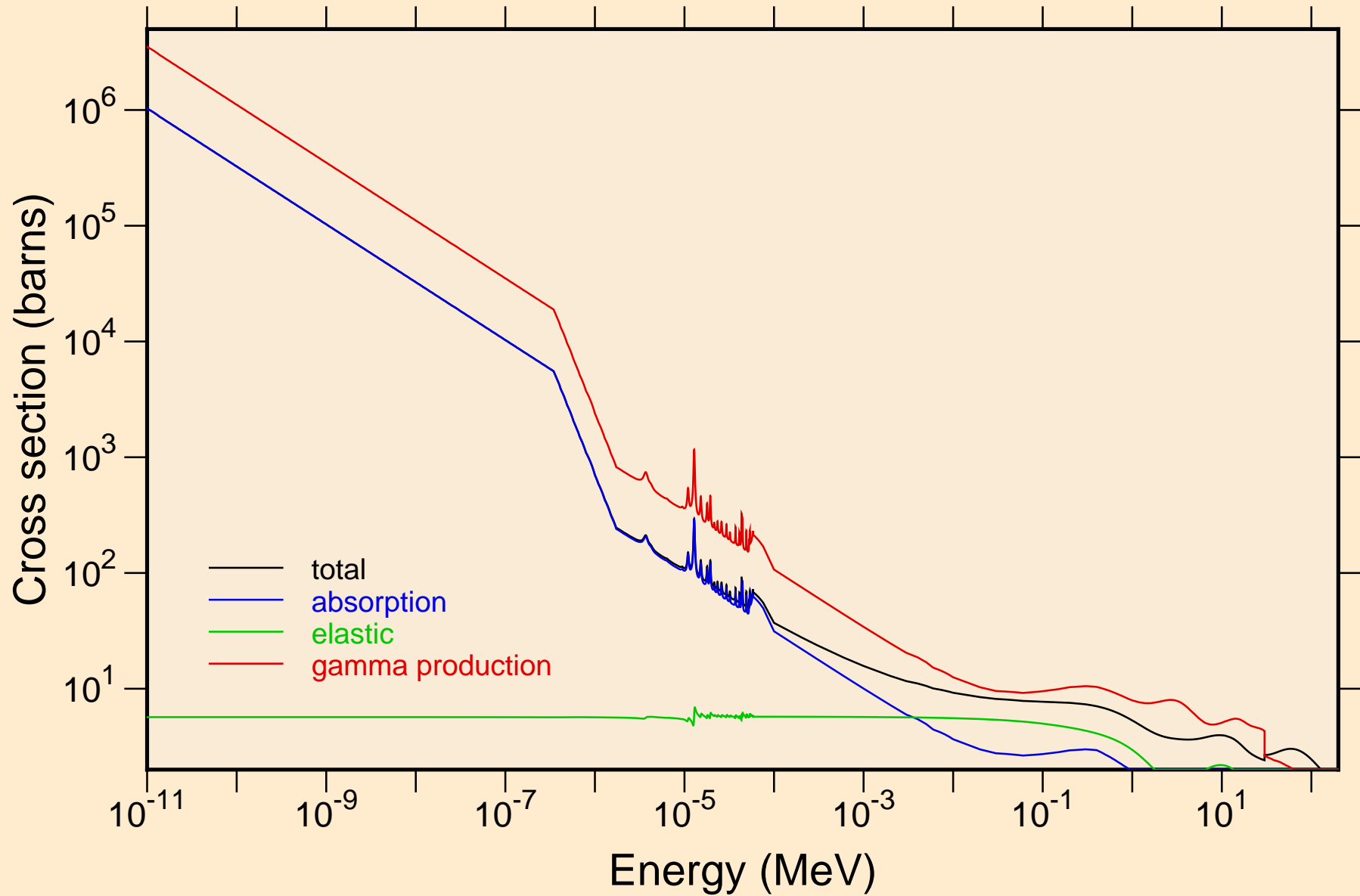
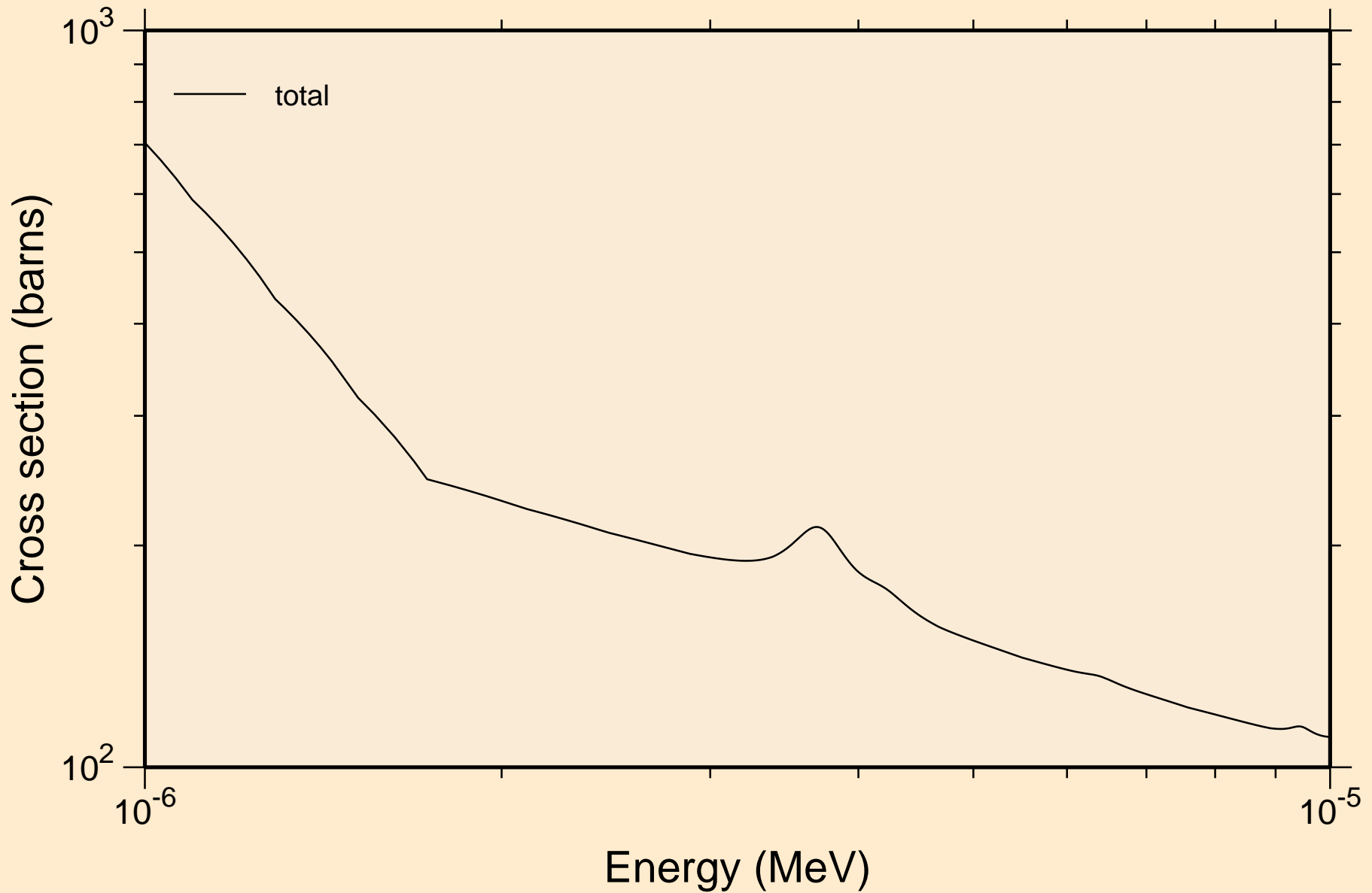


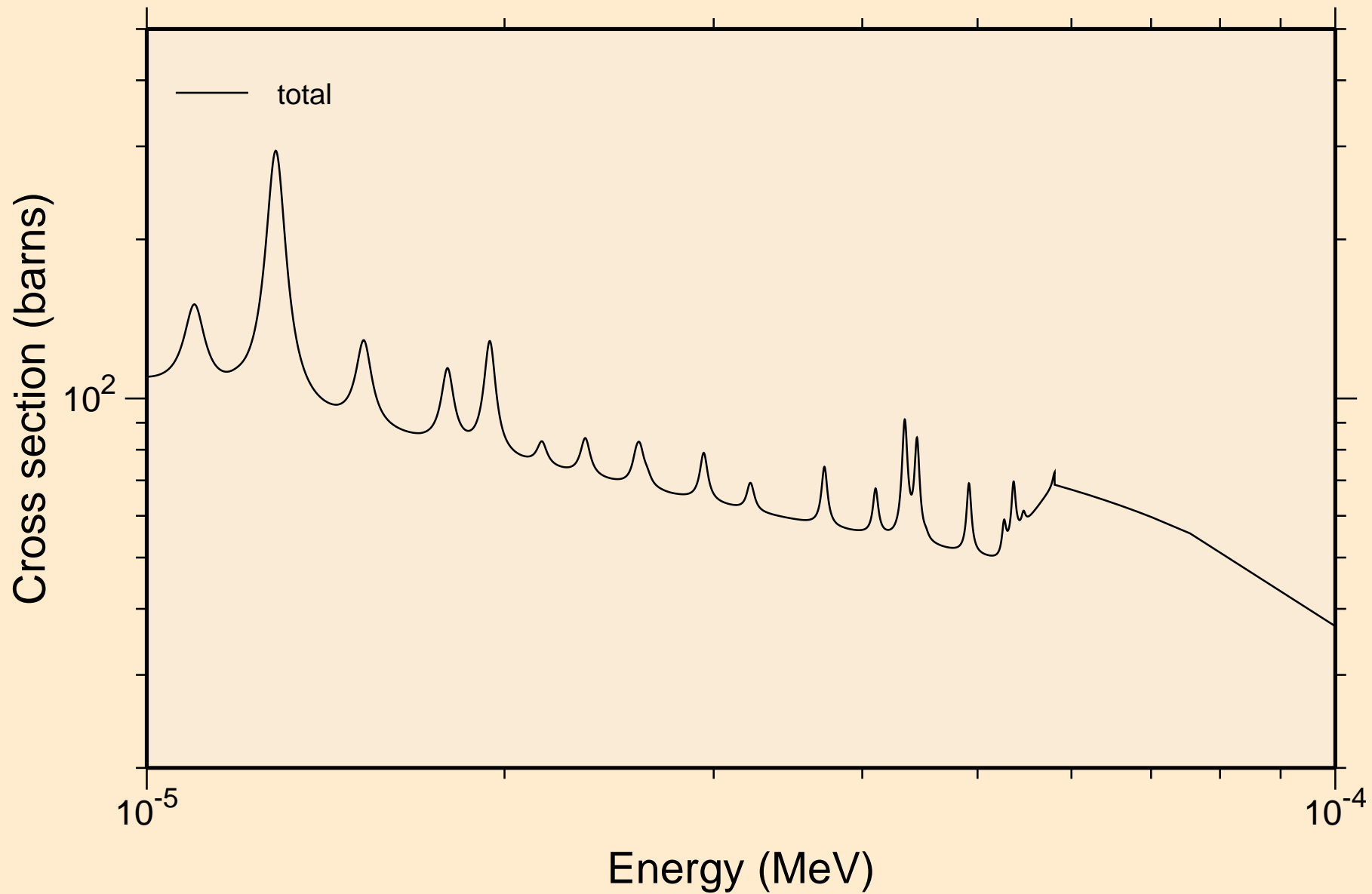
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



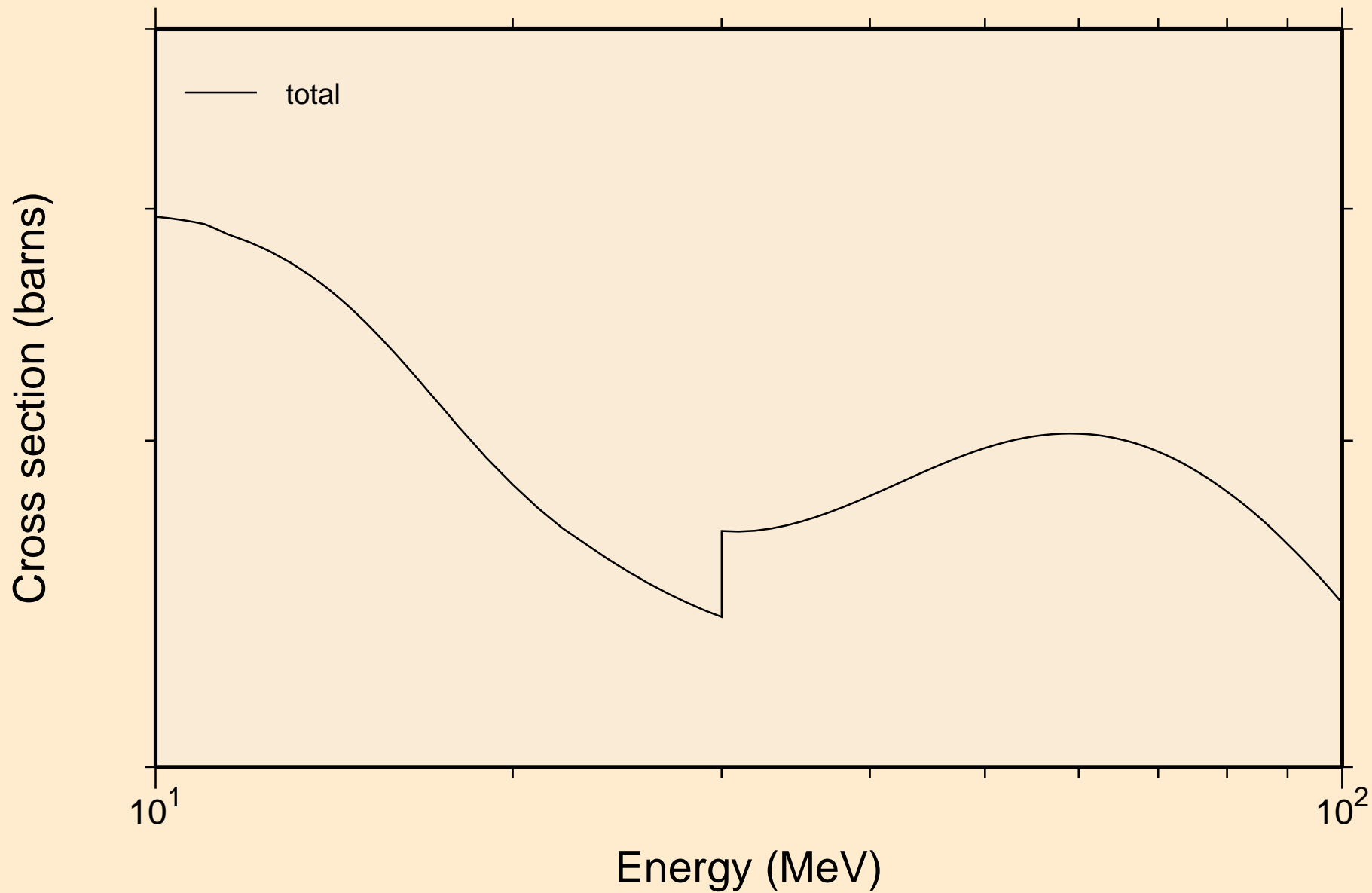
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



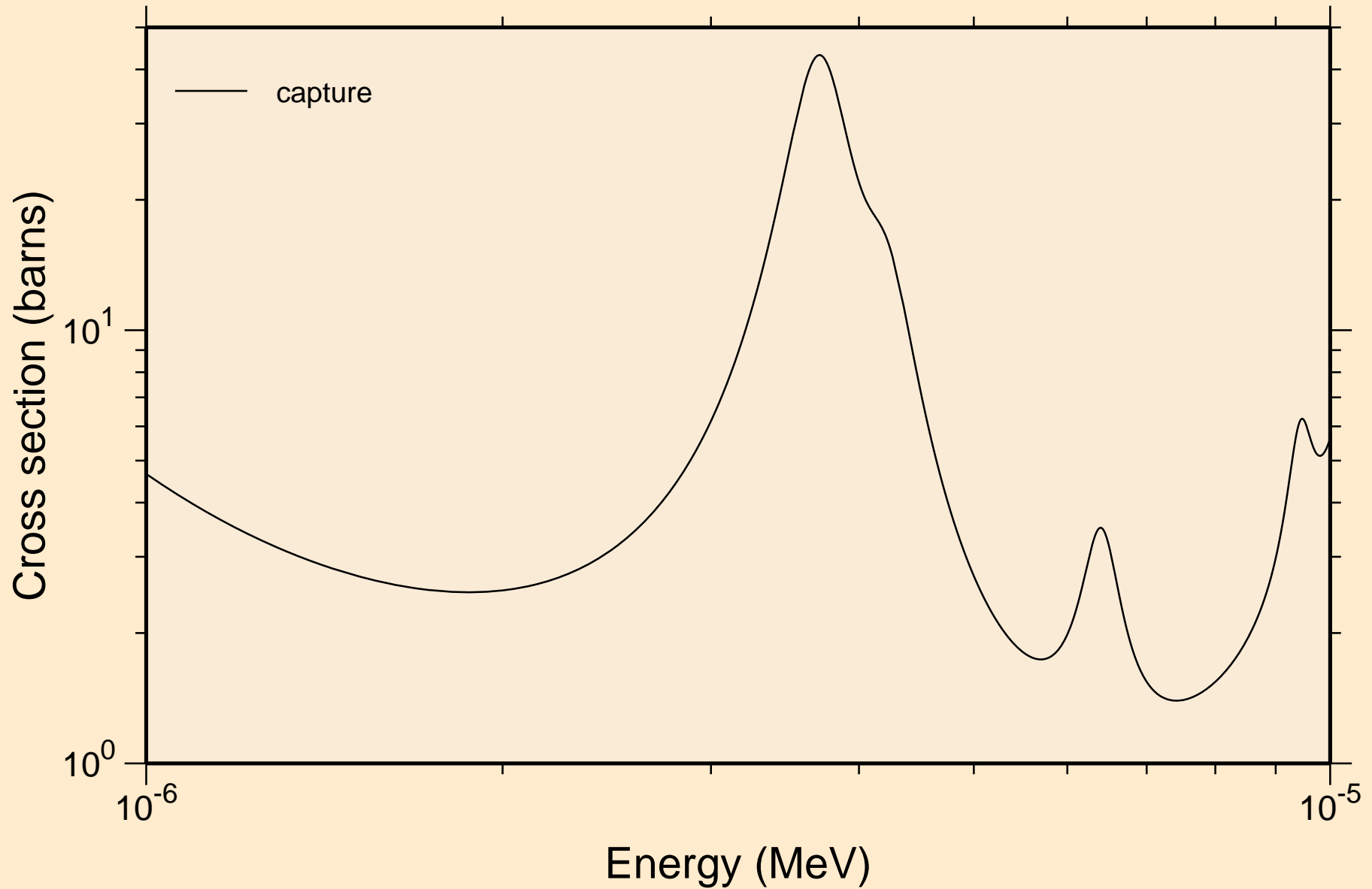
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



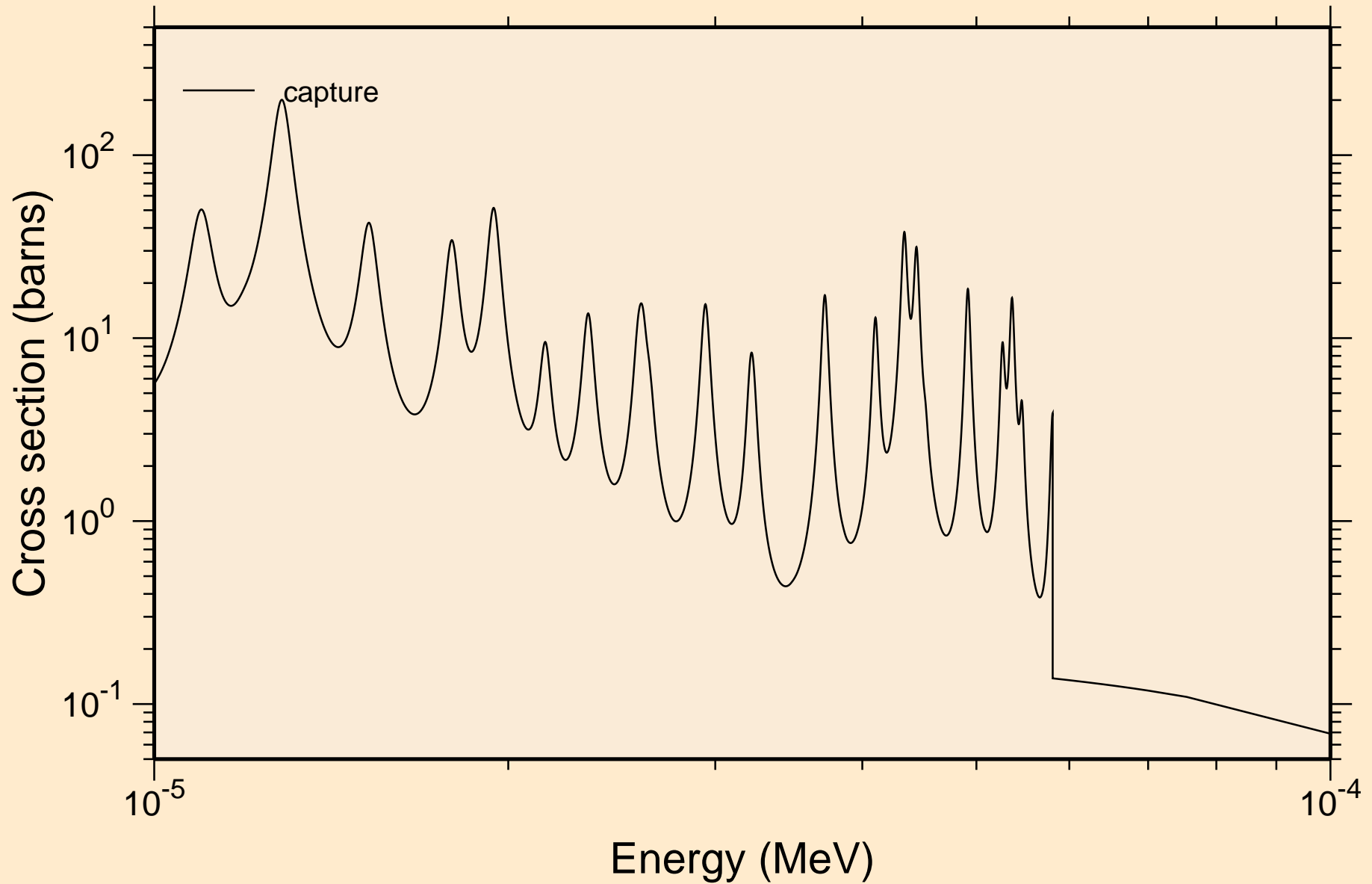
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



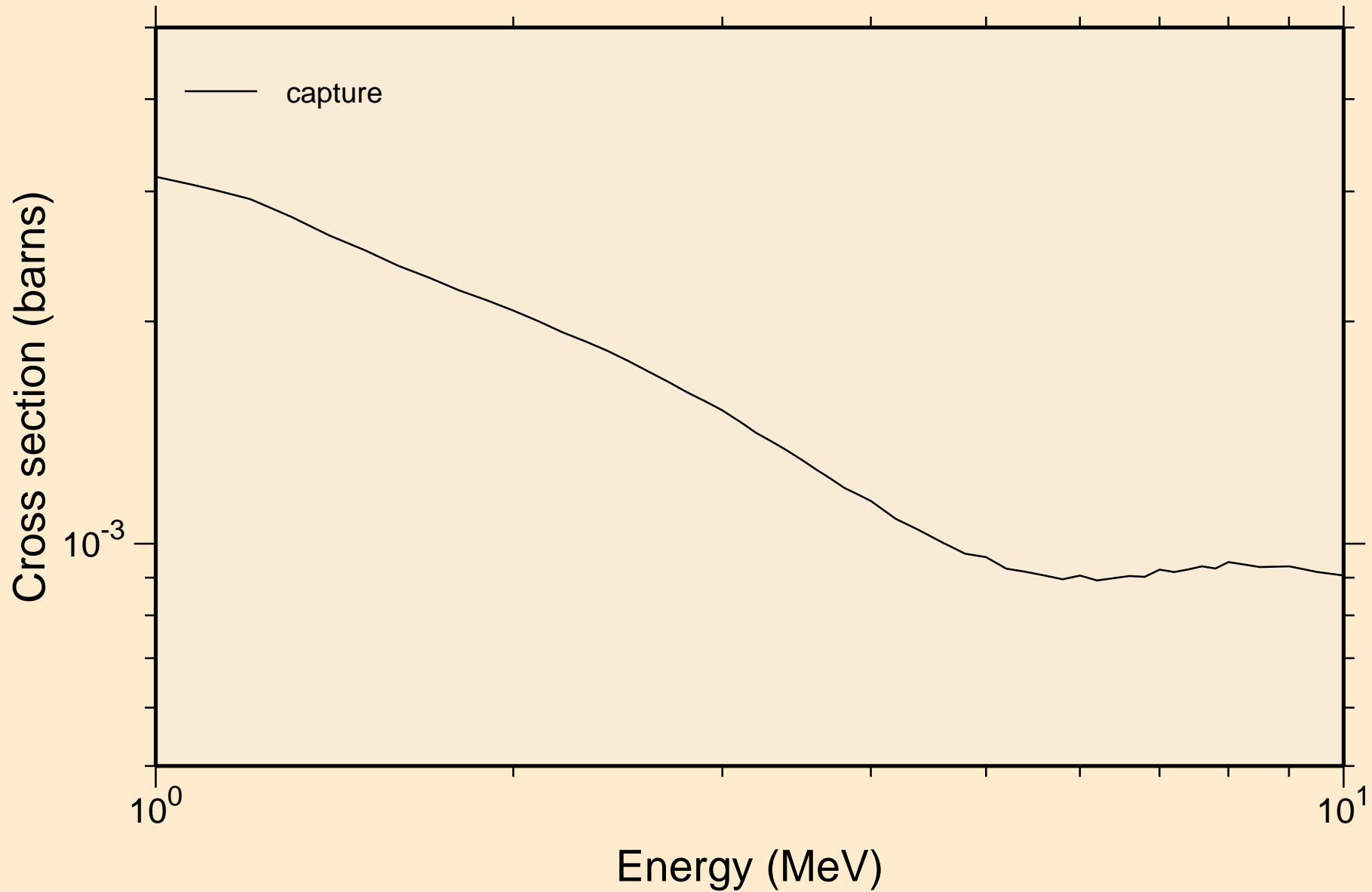
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

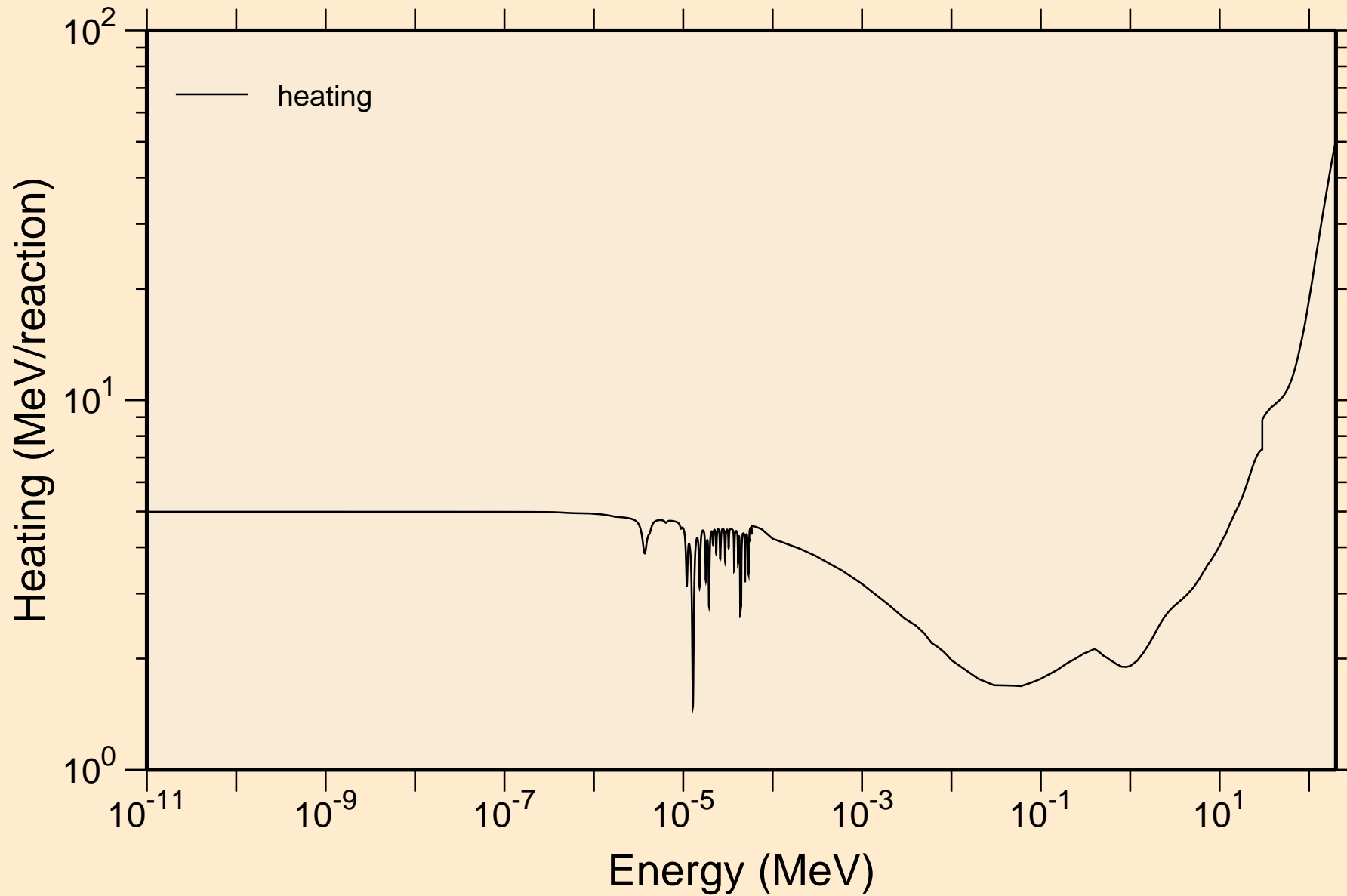


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

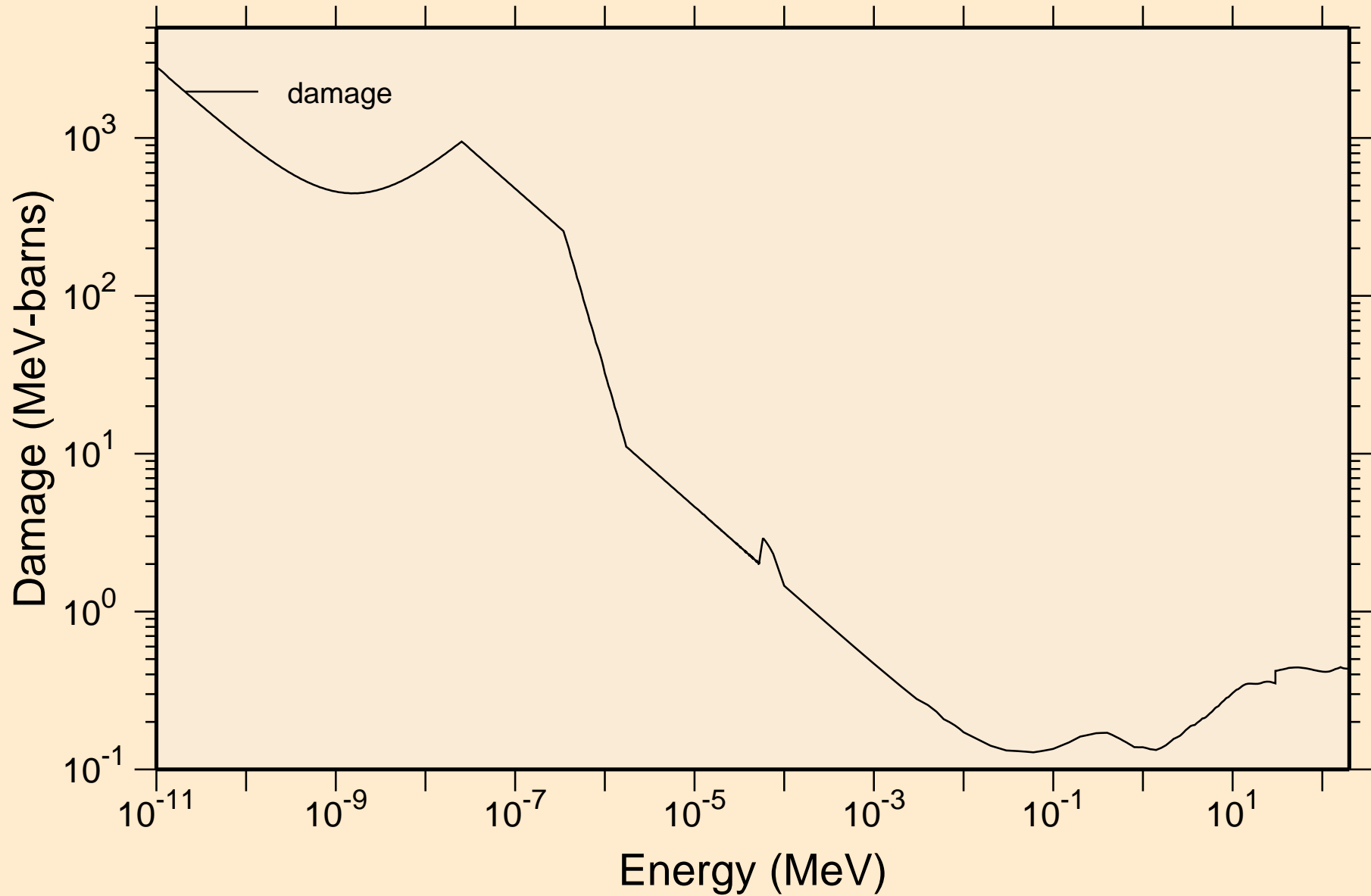
## Heating



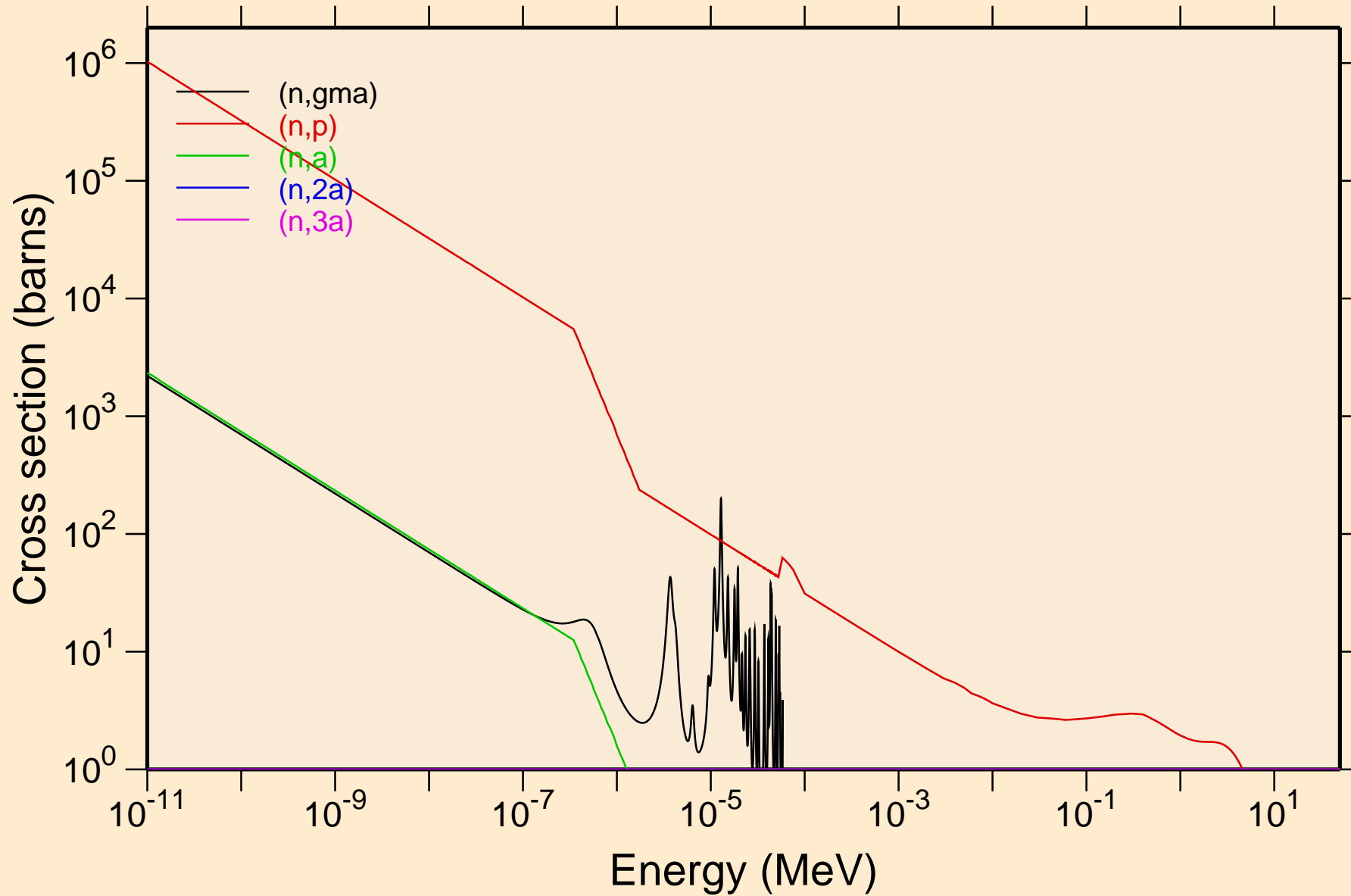


# Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

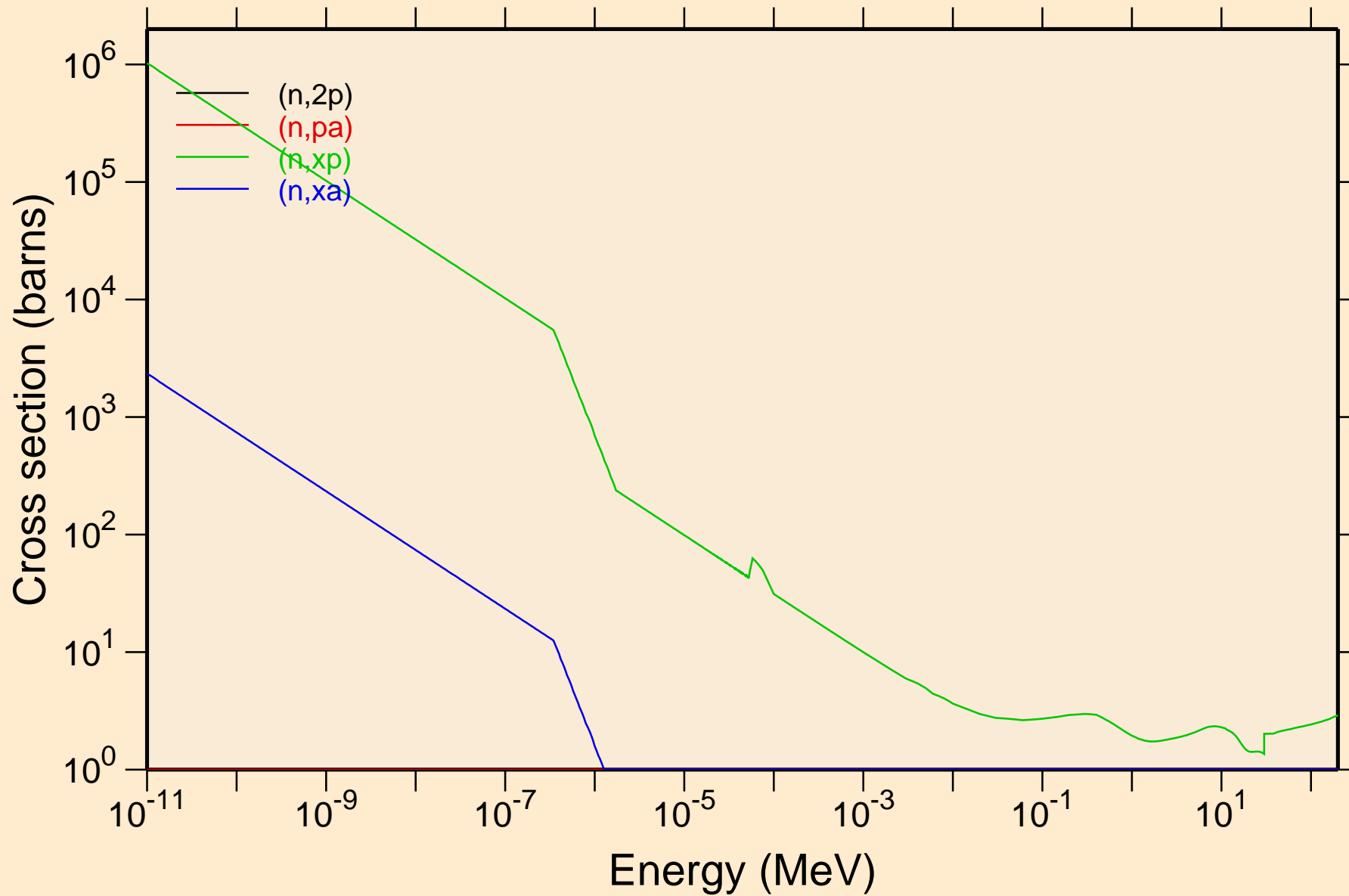
## Damage



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

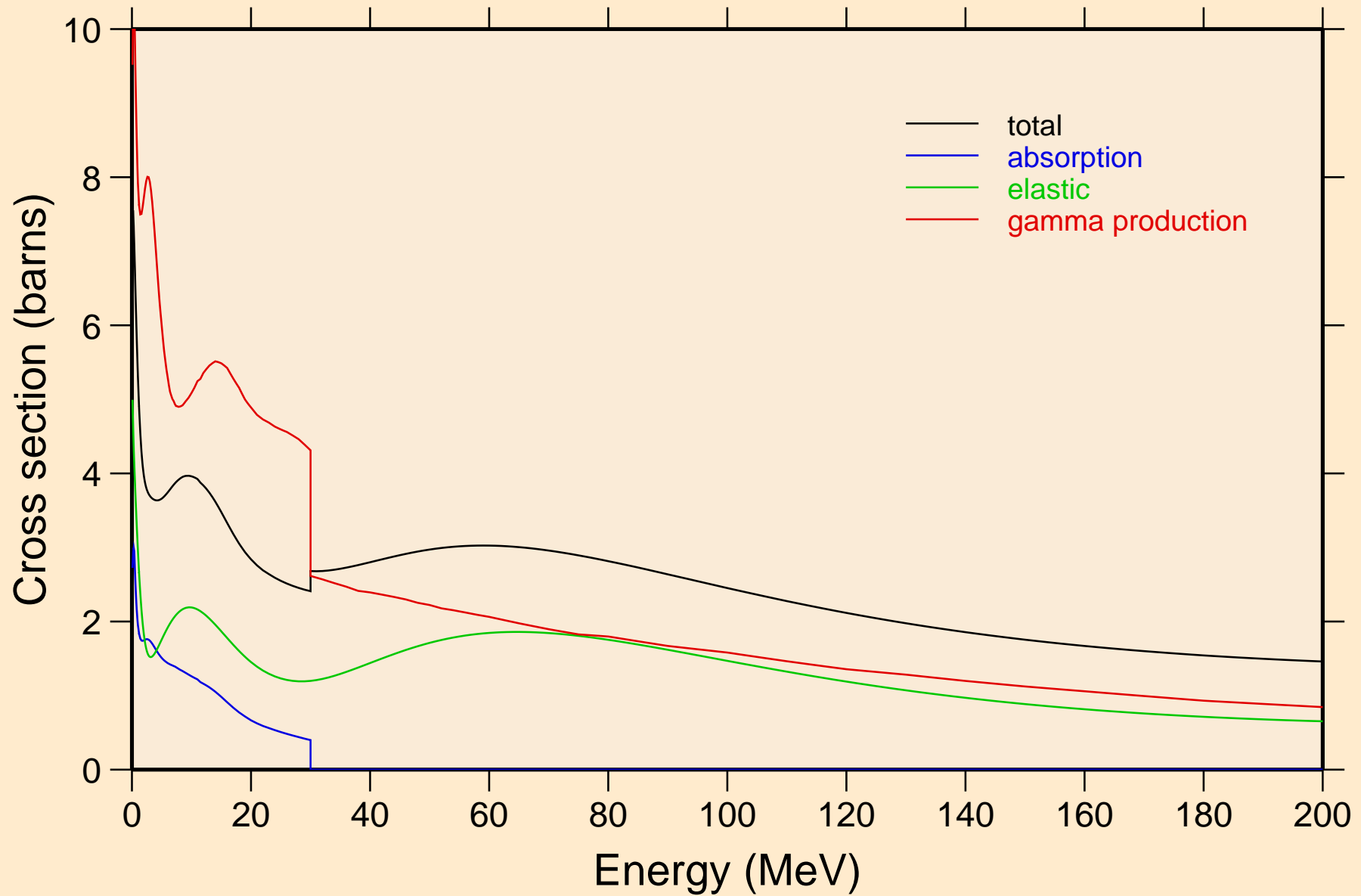


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



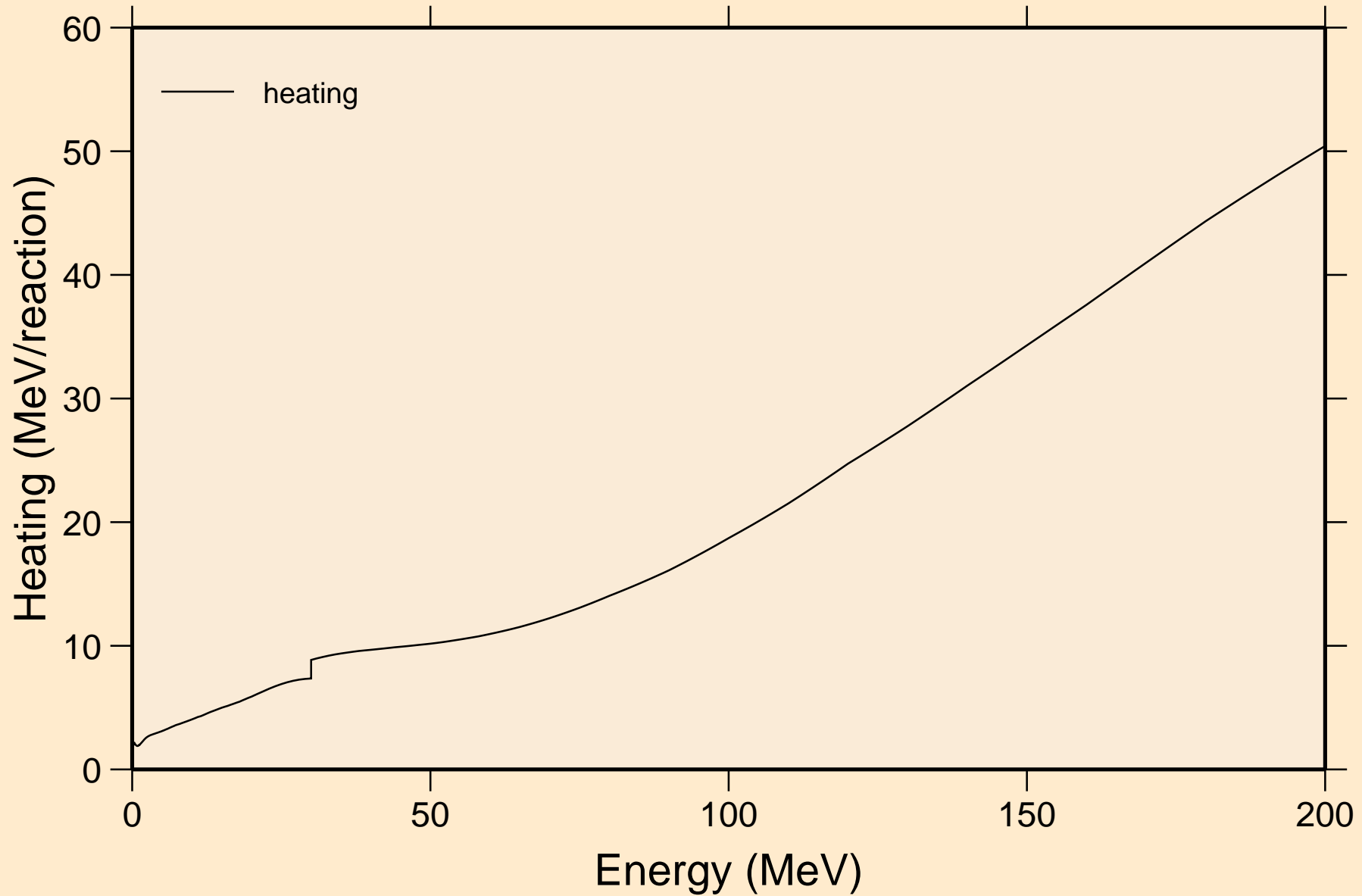
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## Principal cross sections



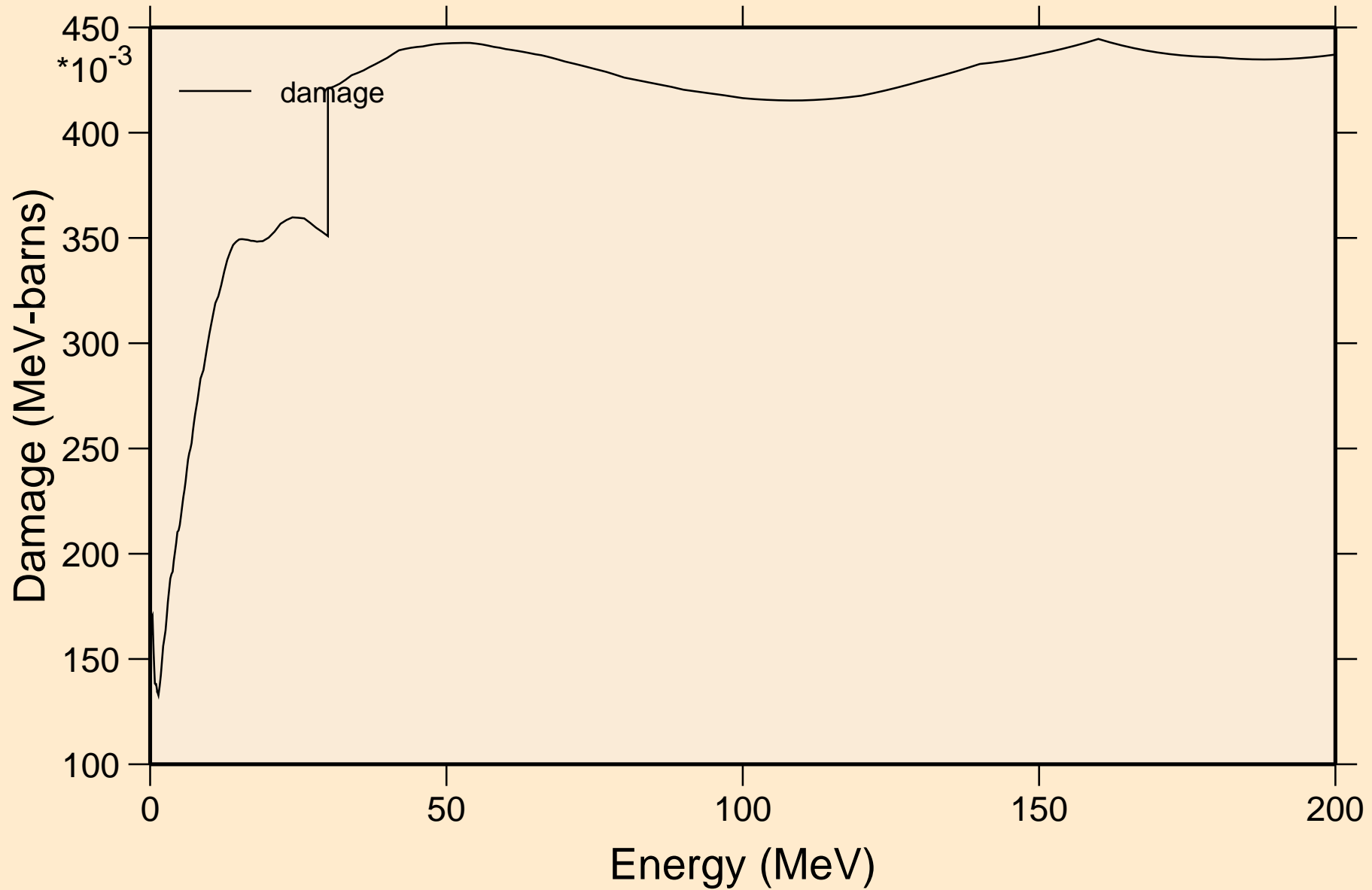
# Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

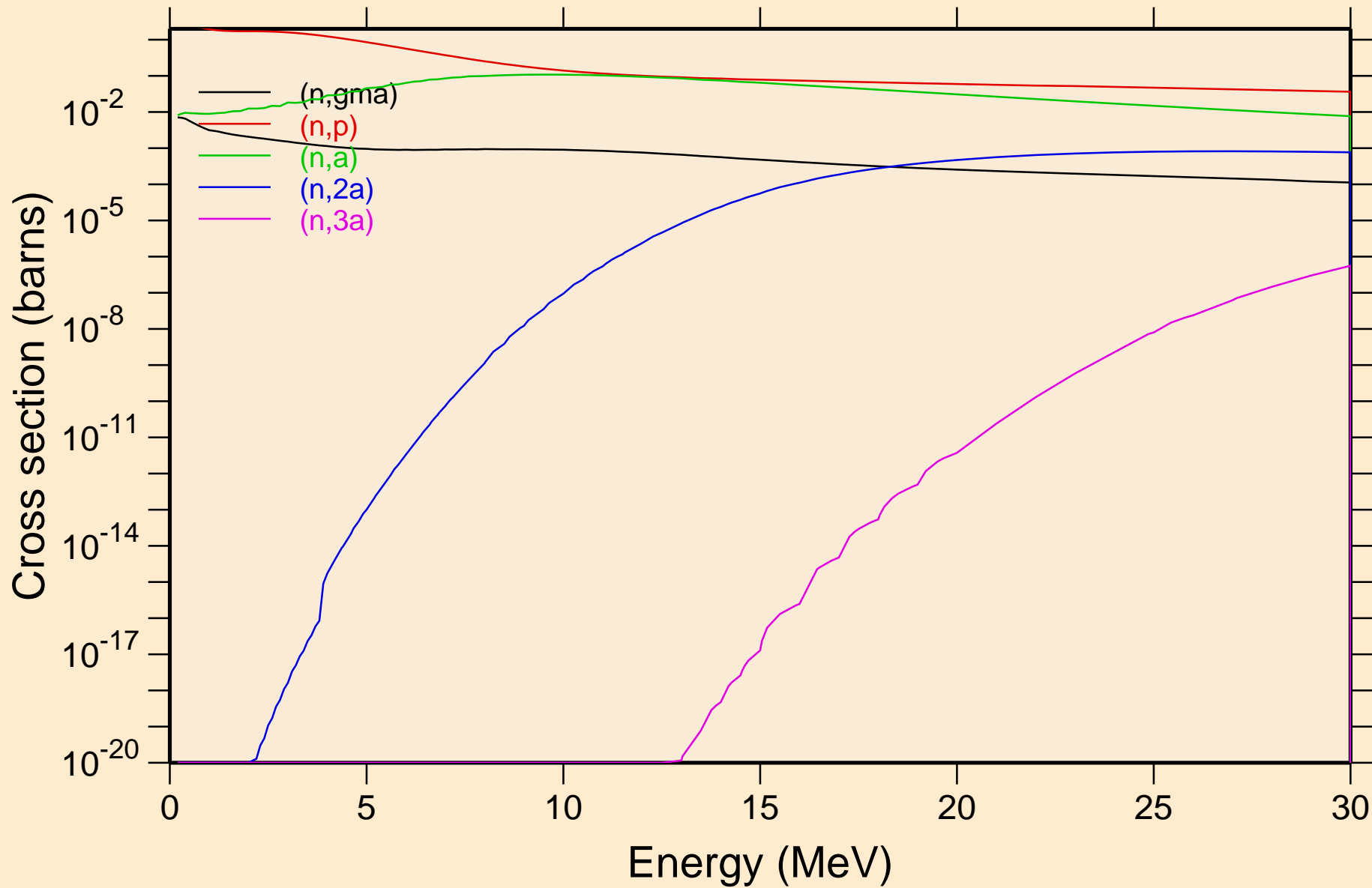


# Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

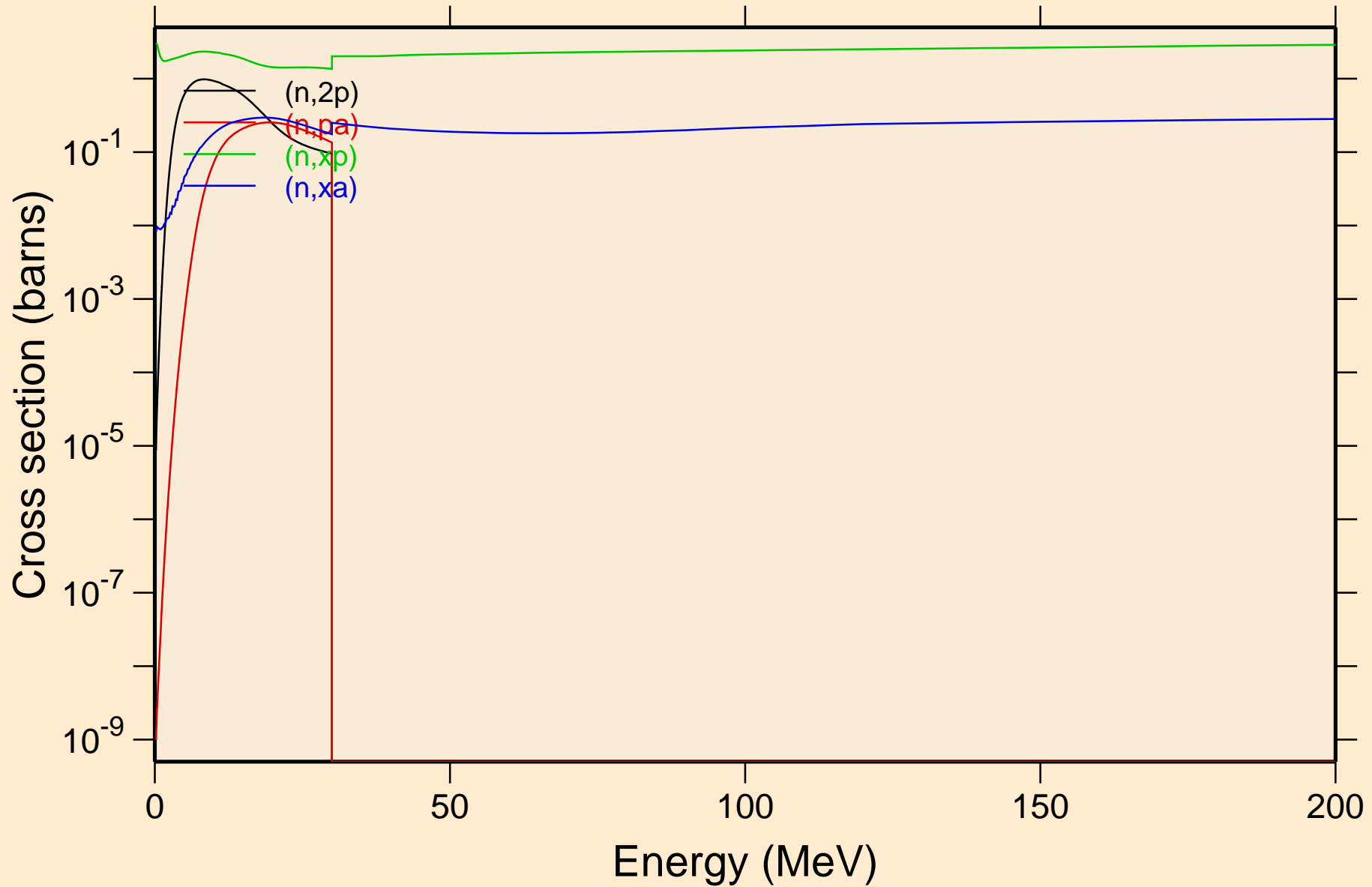
## Damage



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

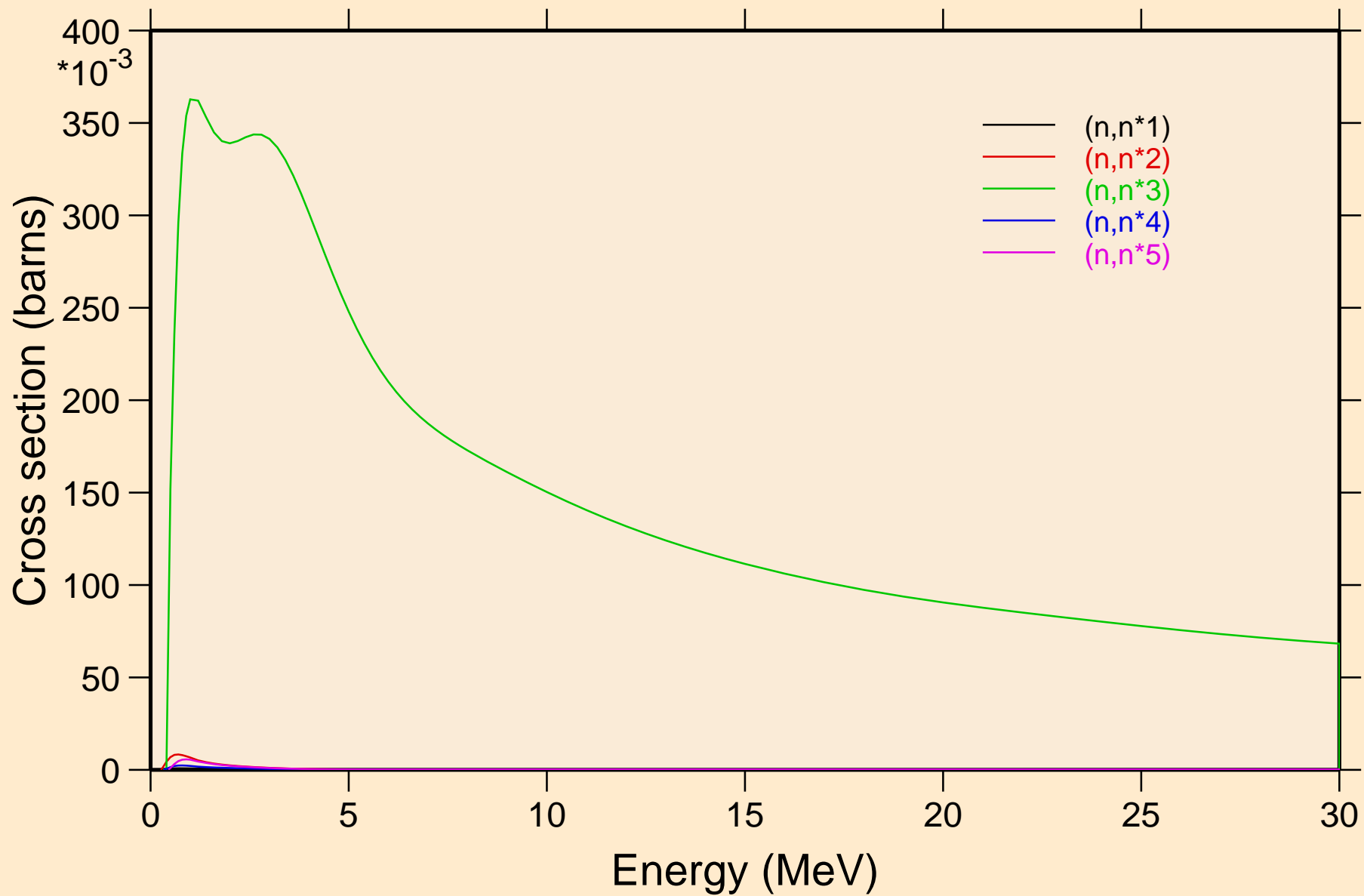


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

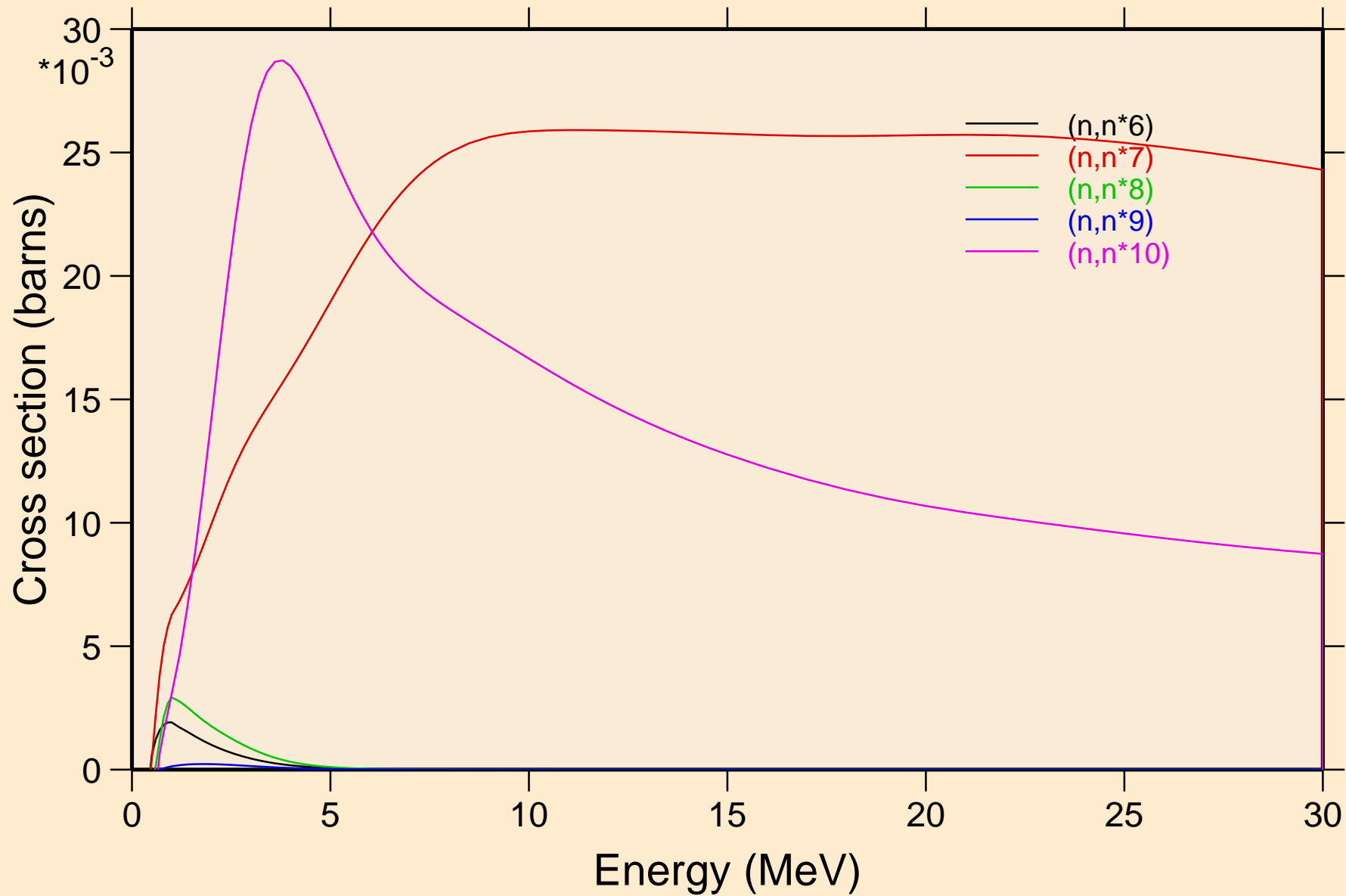




Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

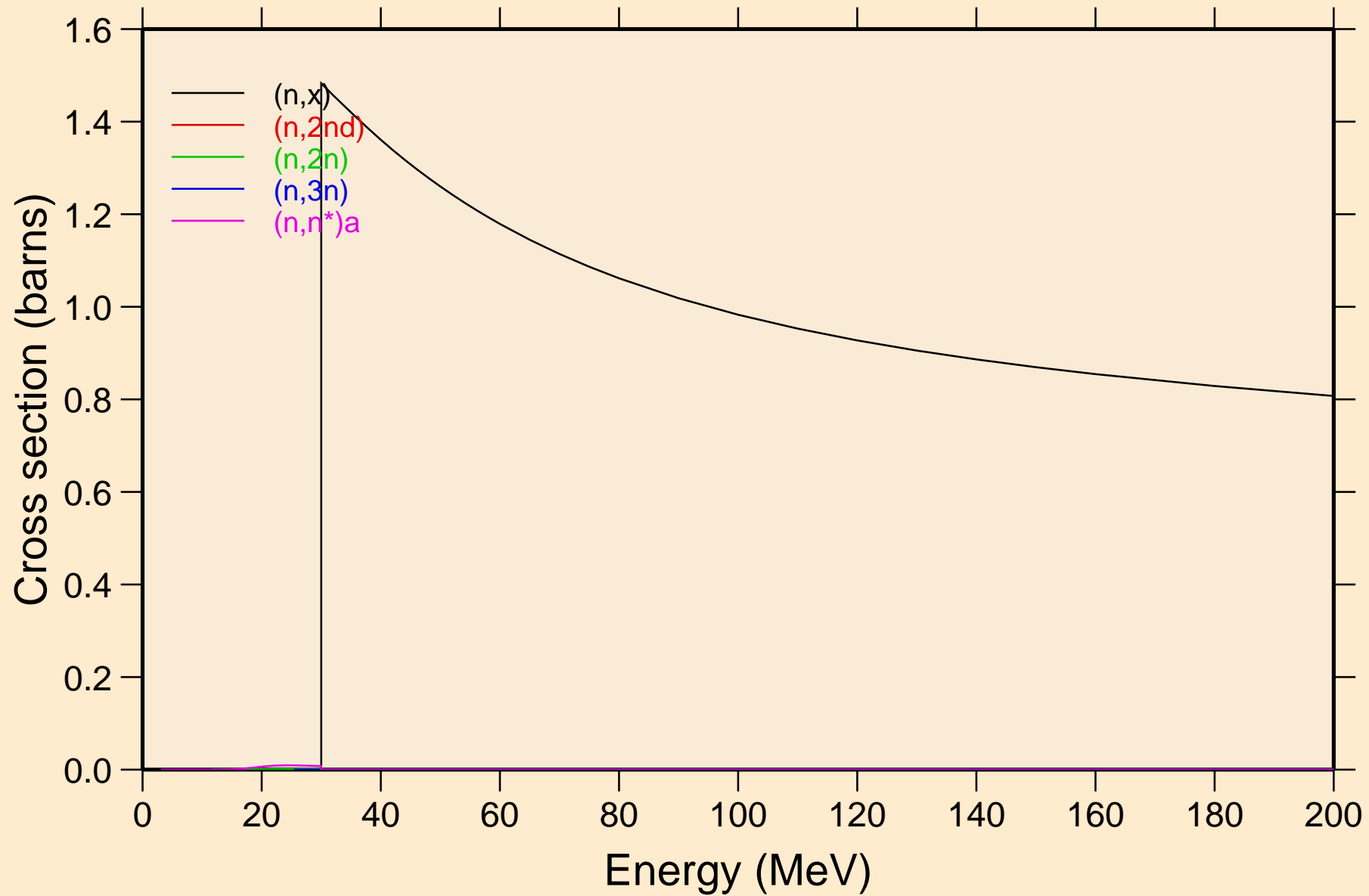


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



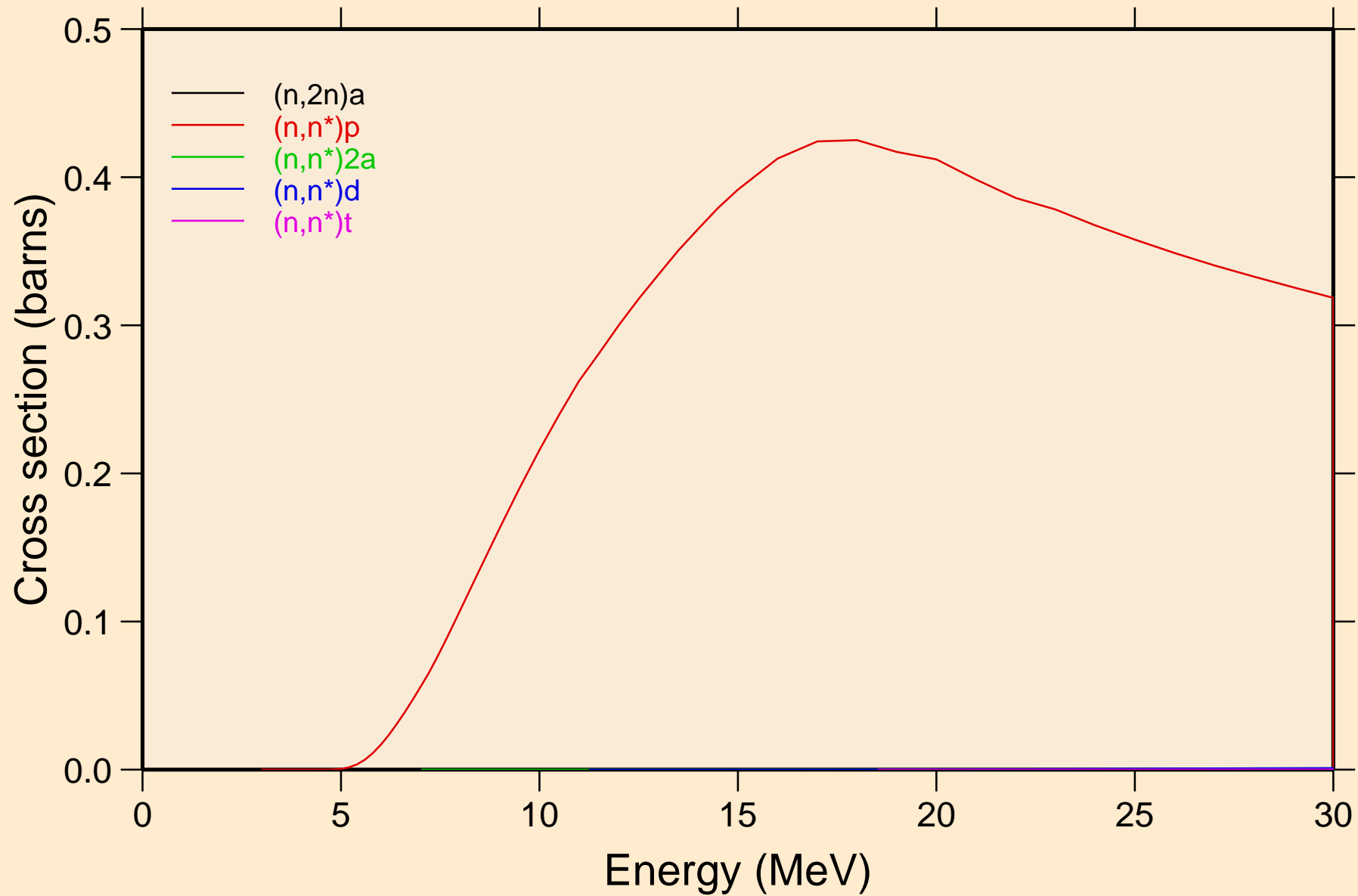
# Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



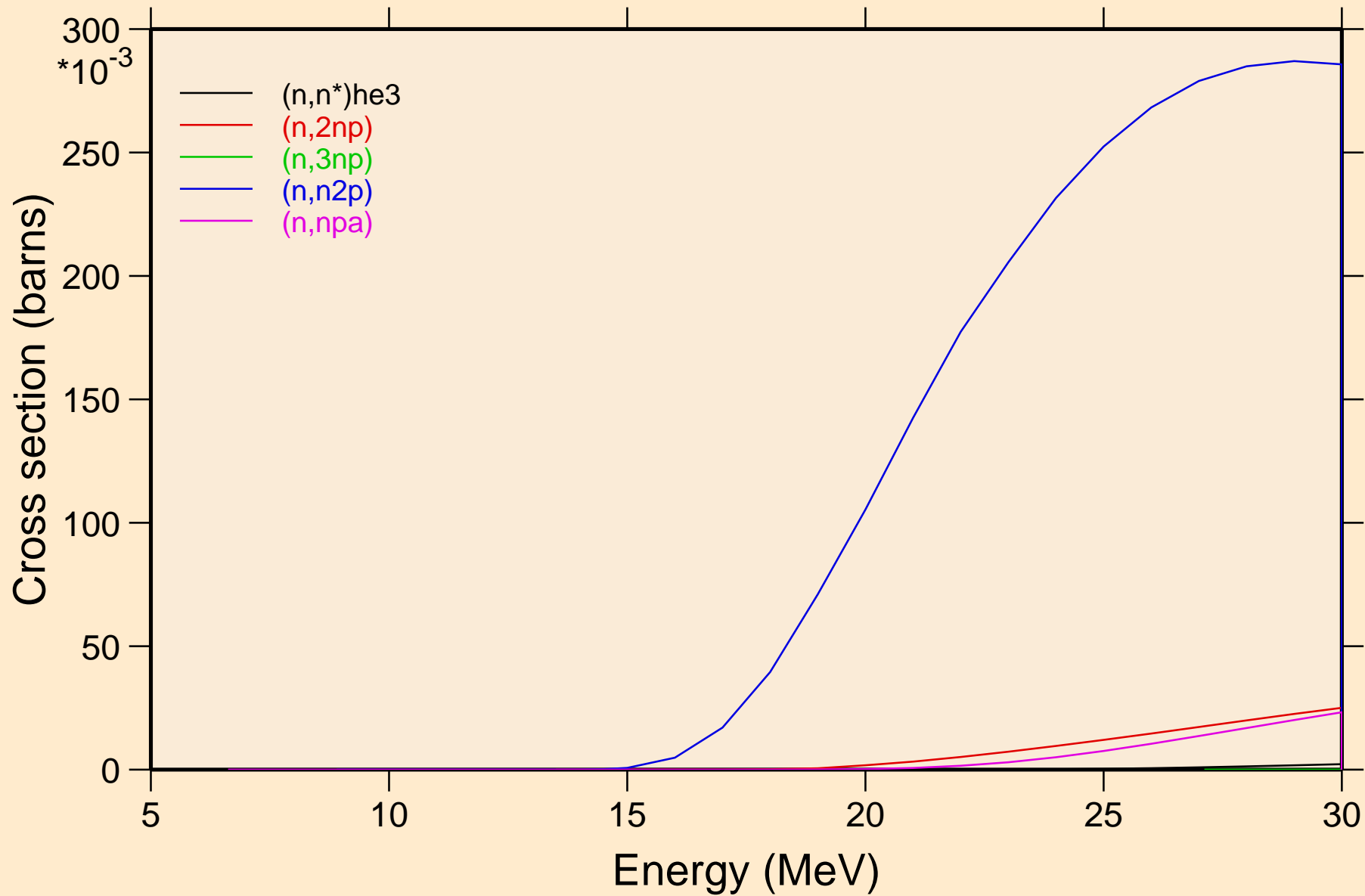
# Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

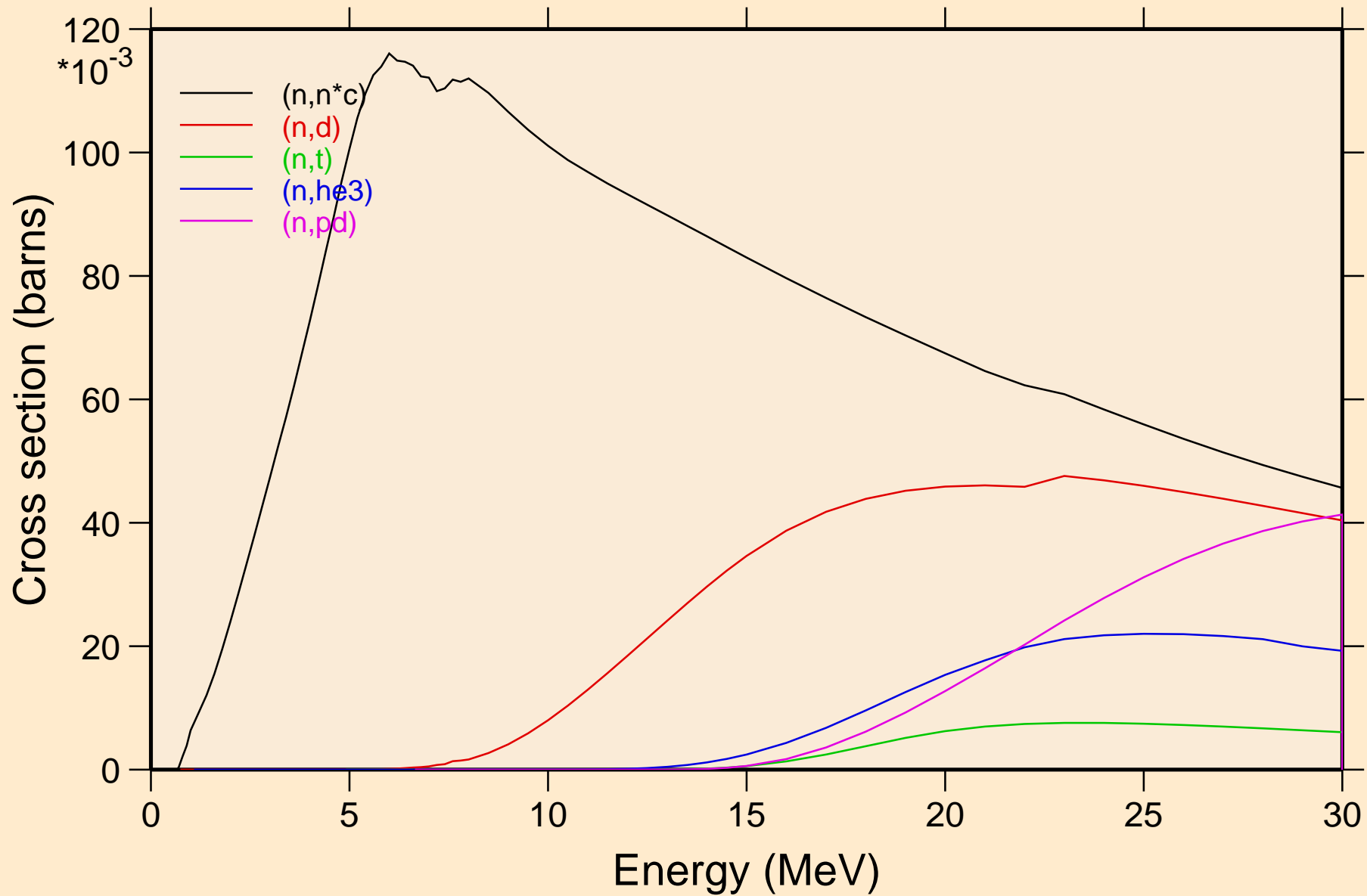


# Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

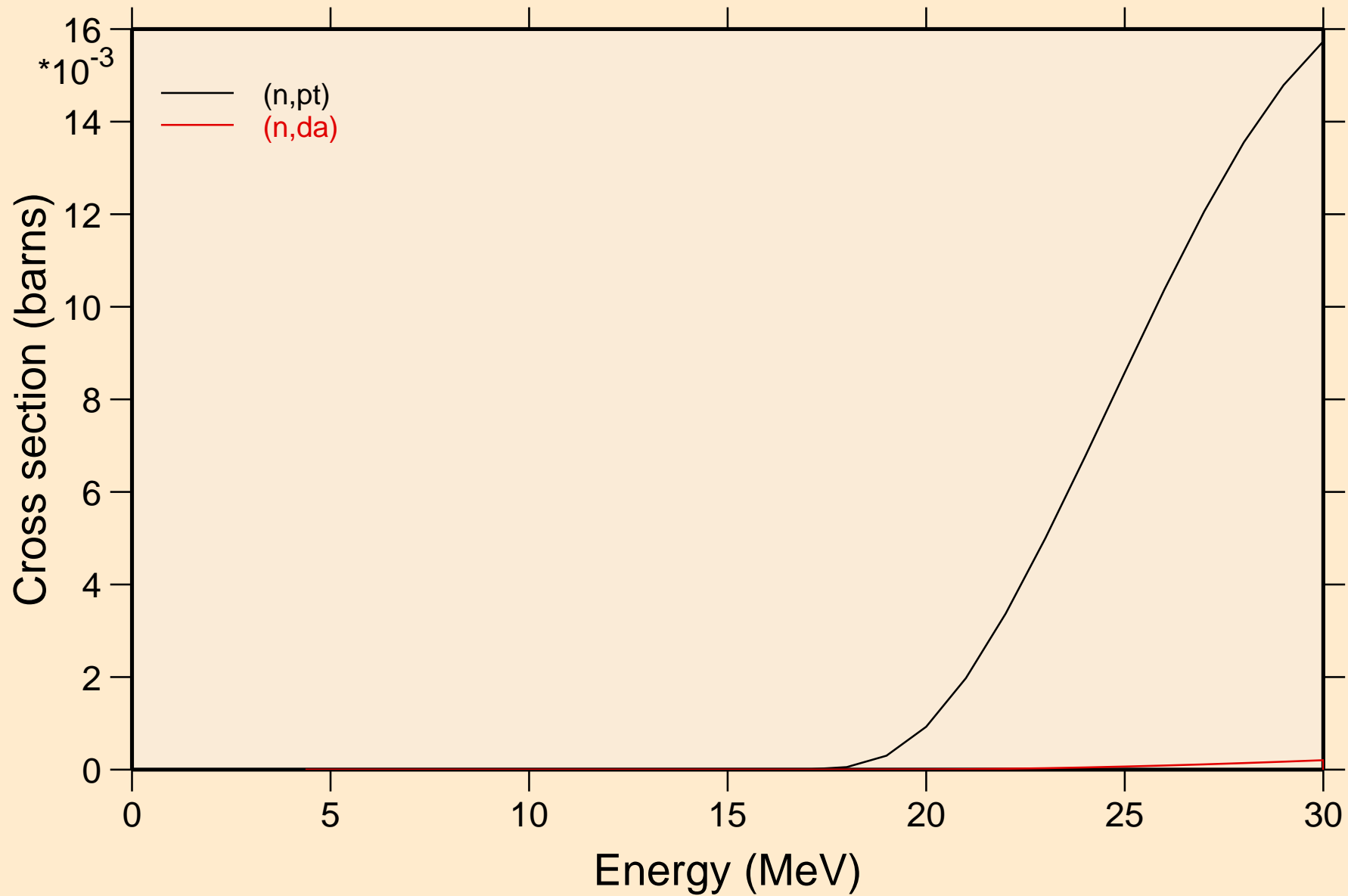
## Threshold reactions



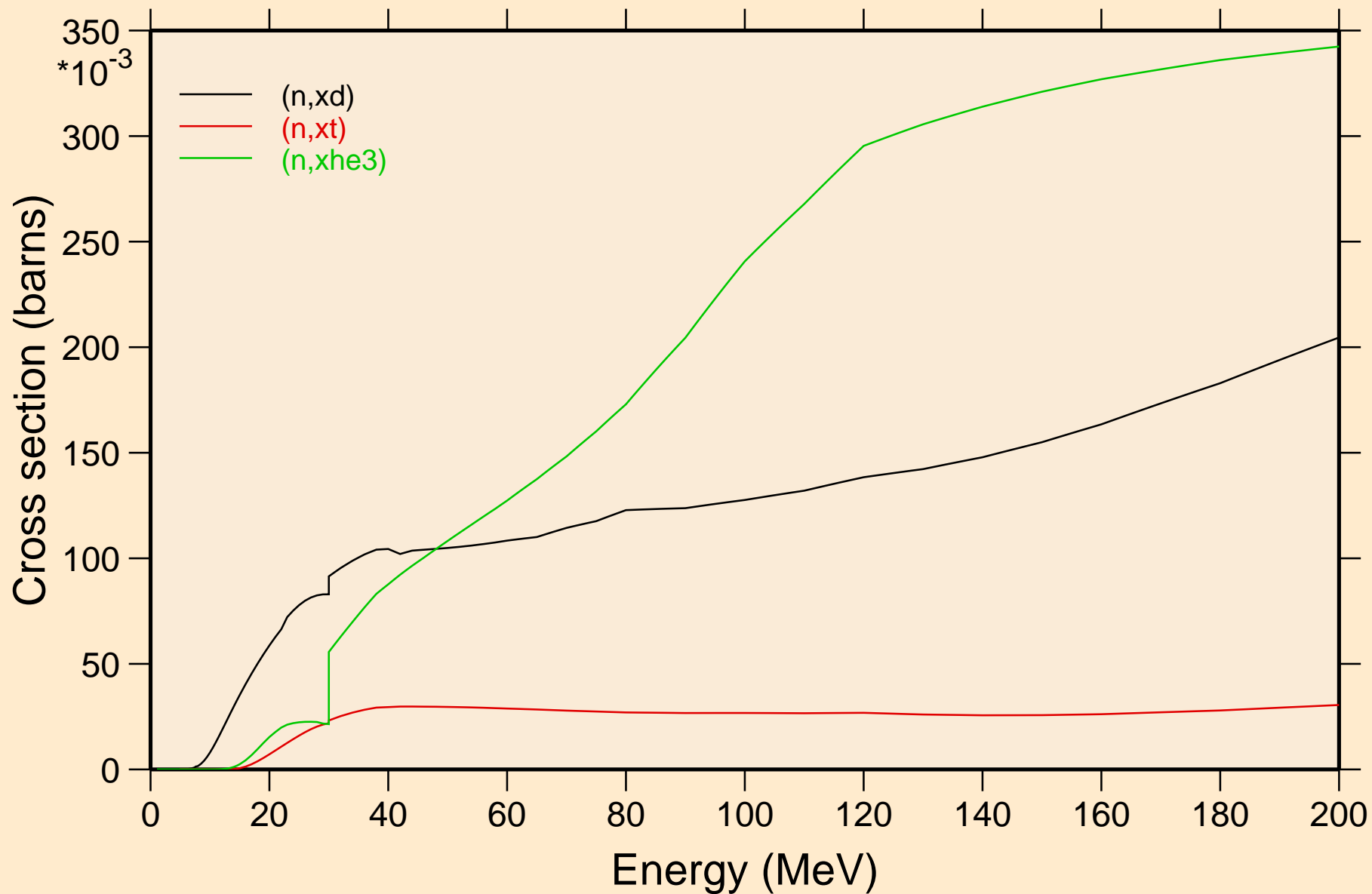
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

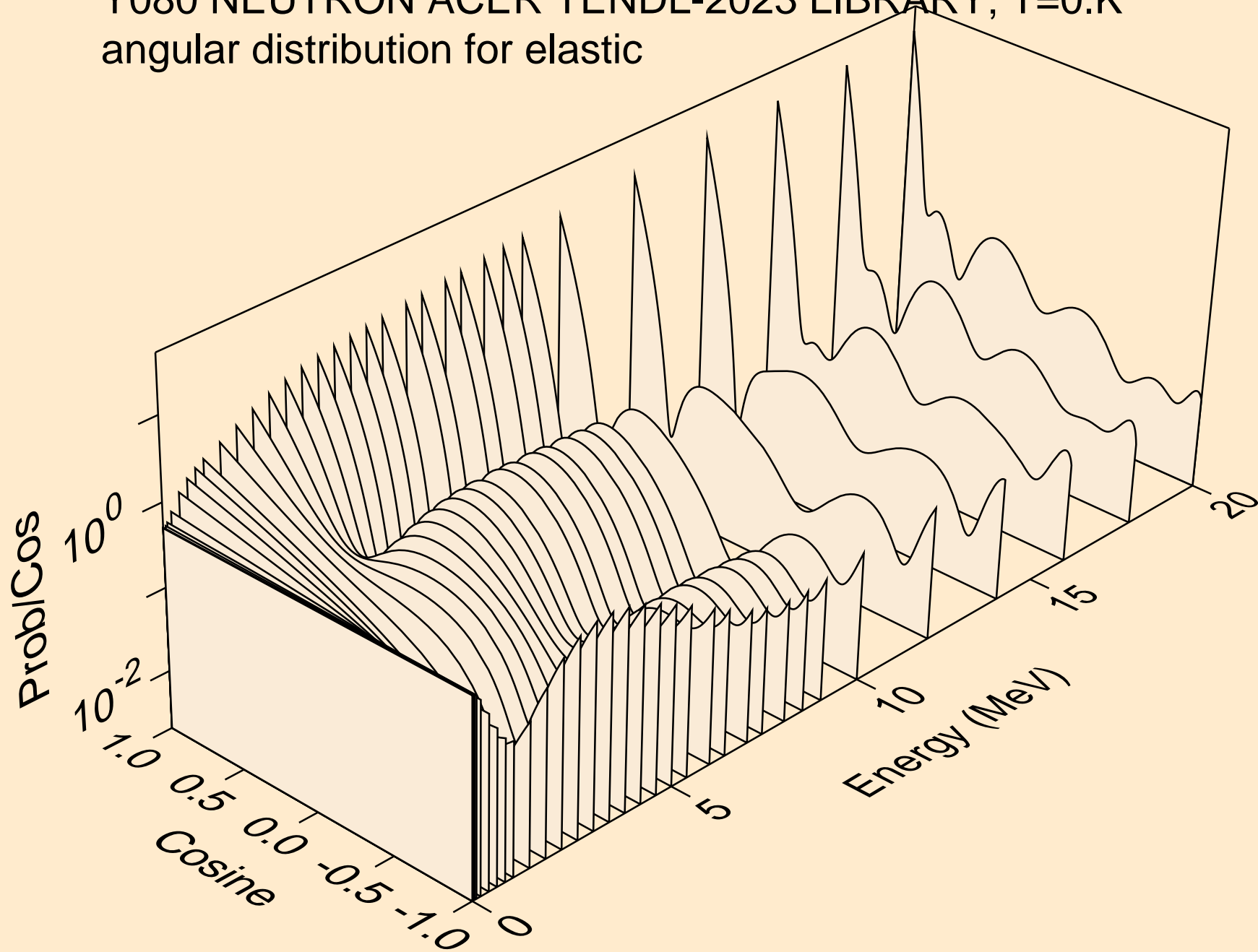


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

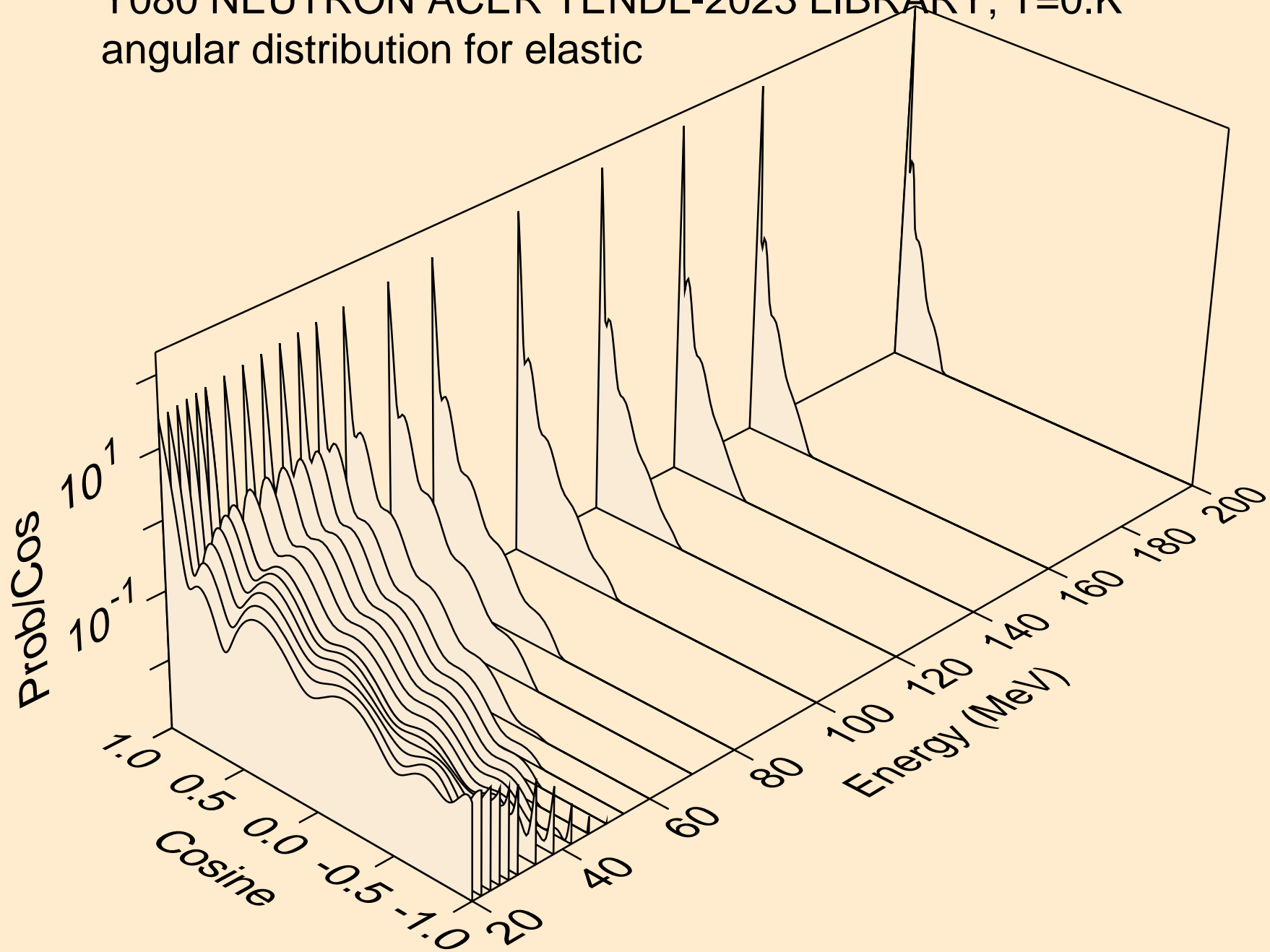




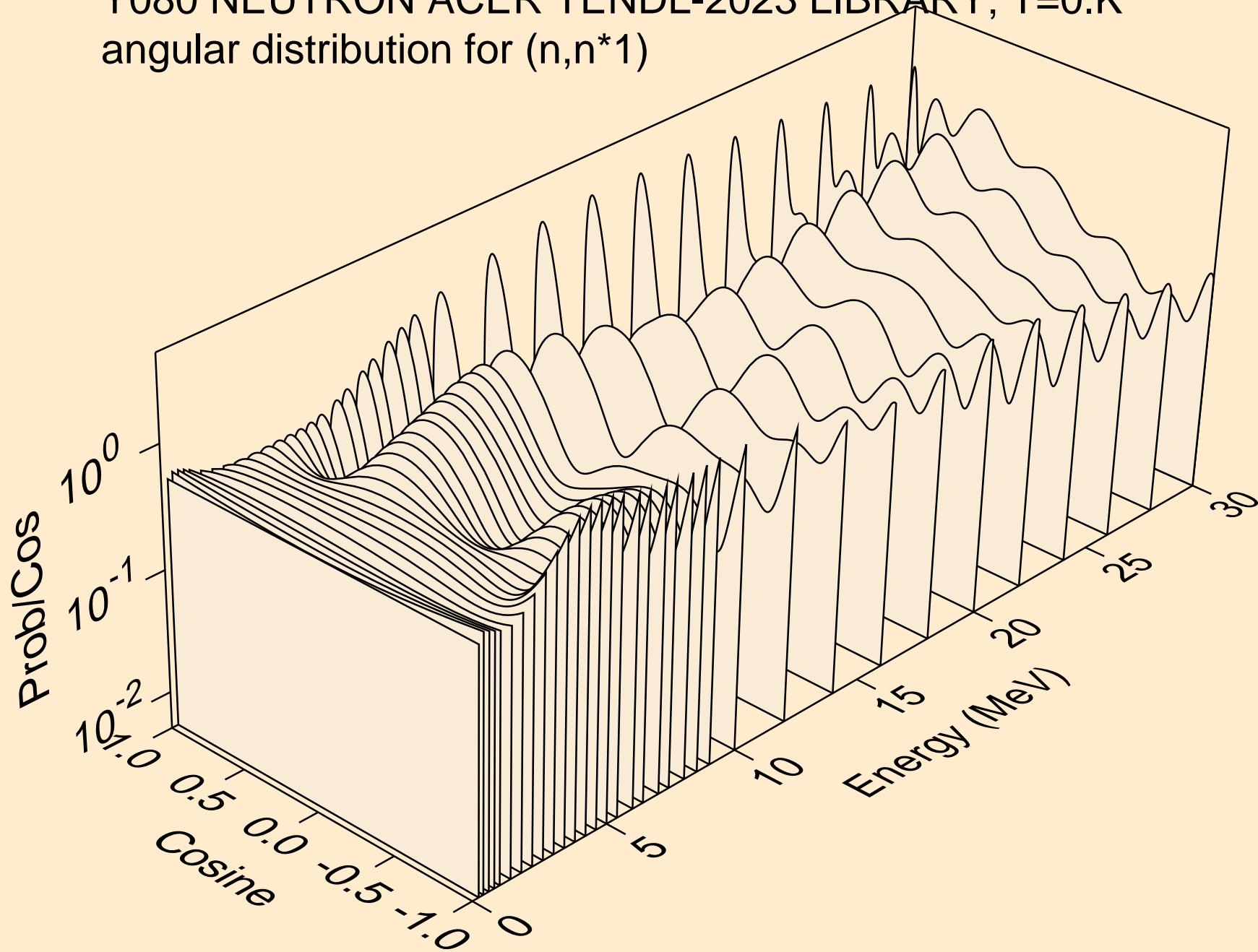
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angular distribution for elastic



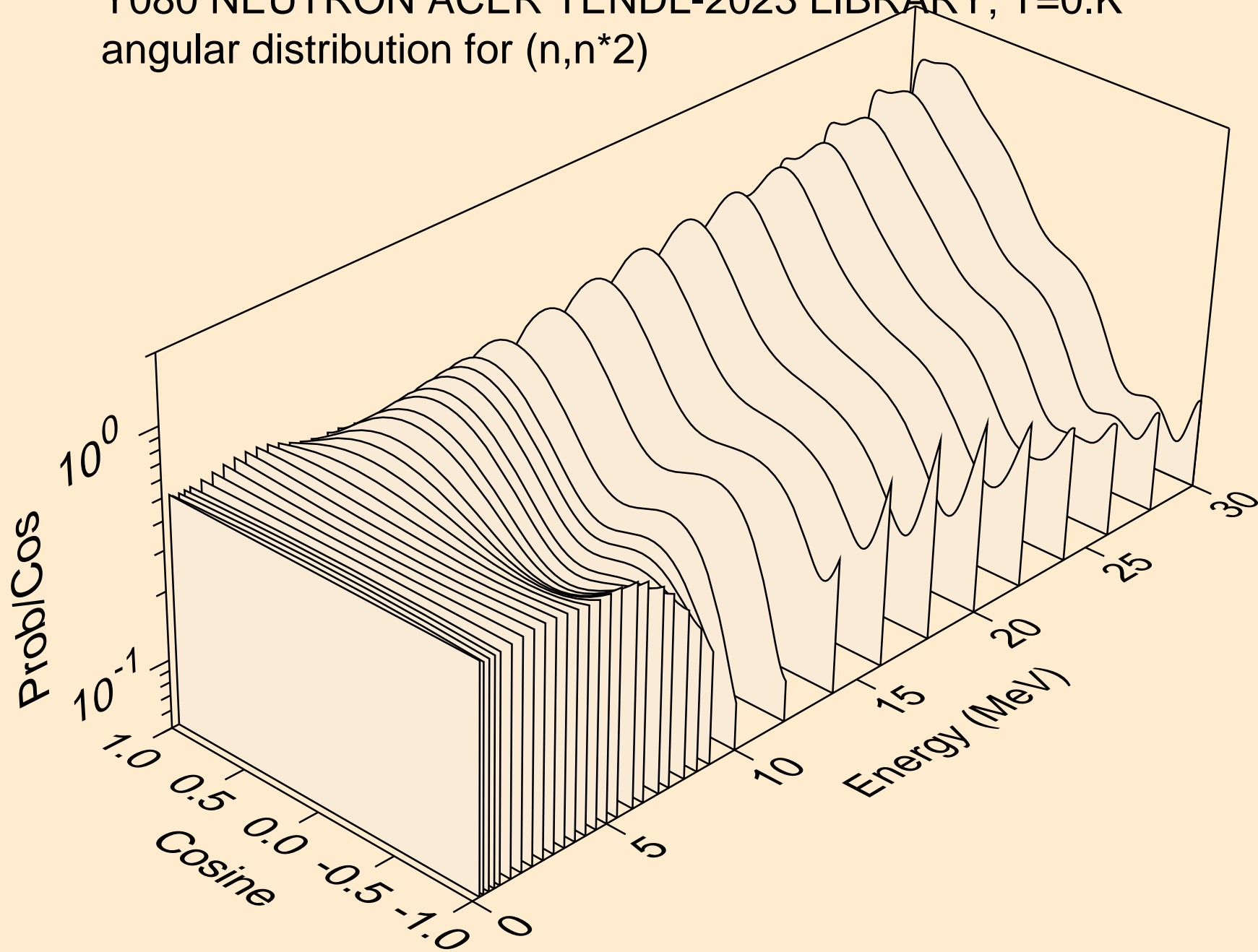
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angular distribution for elastic



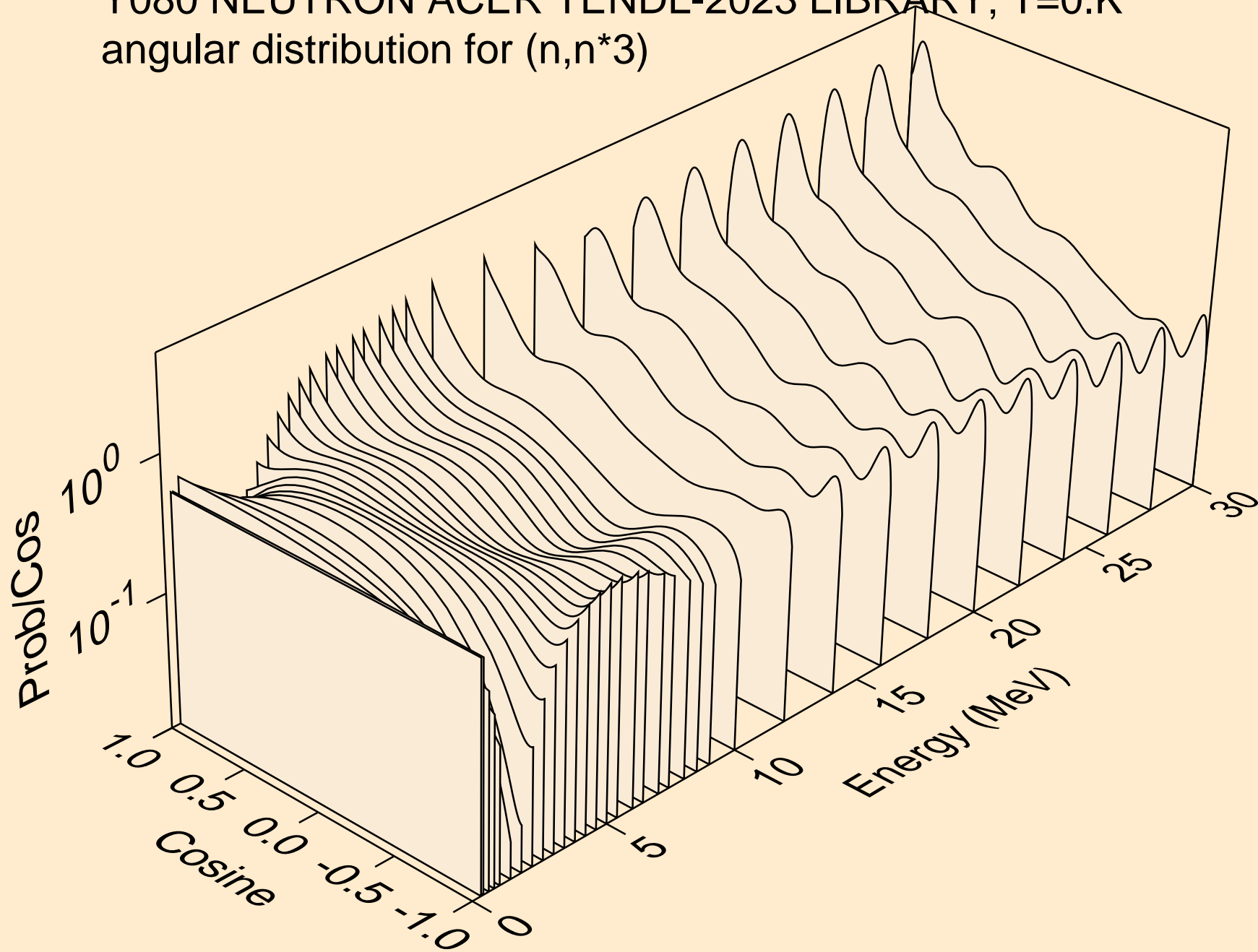
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



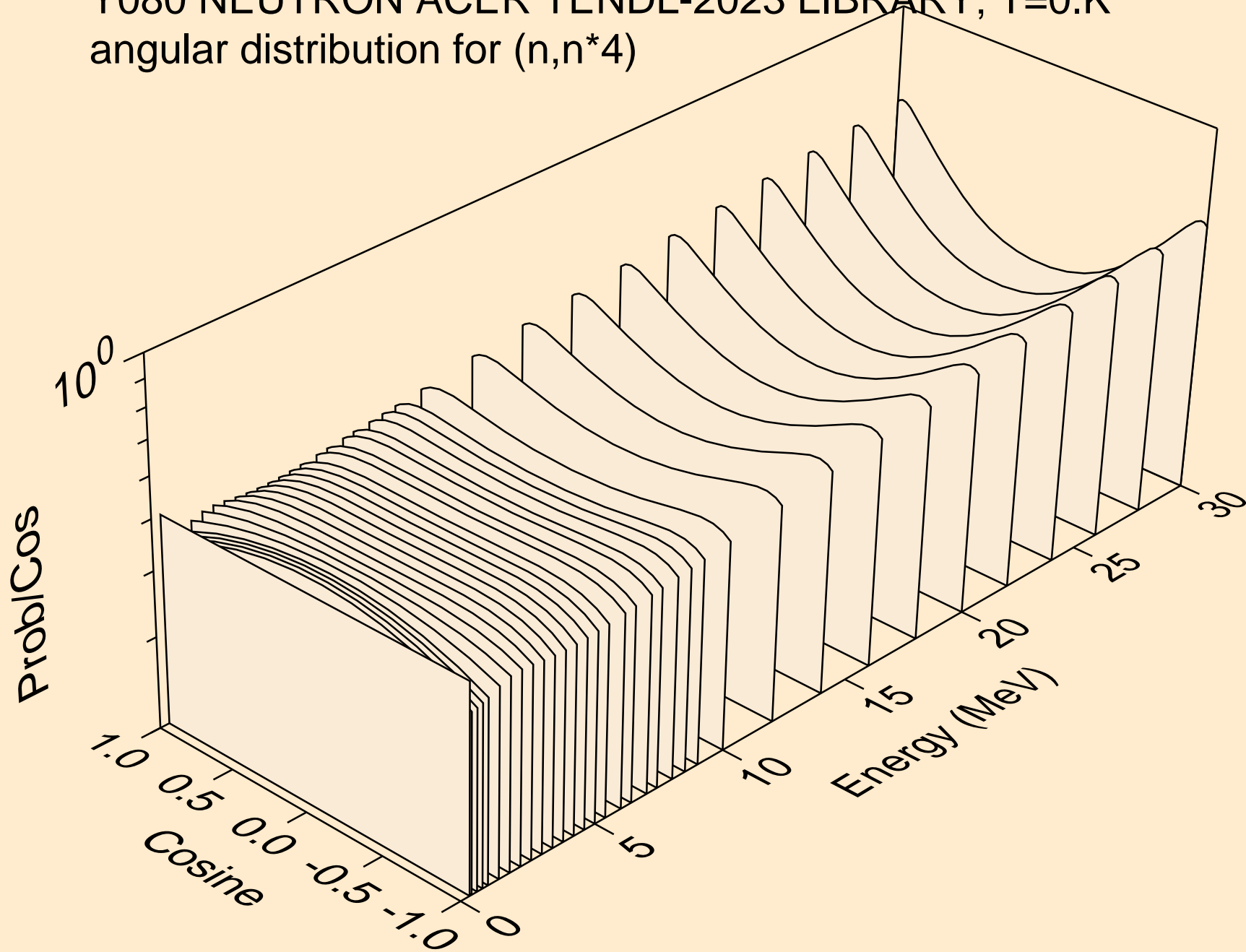
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angular distribution for (n,n\*2)



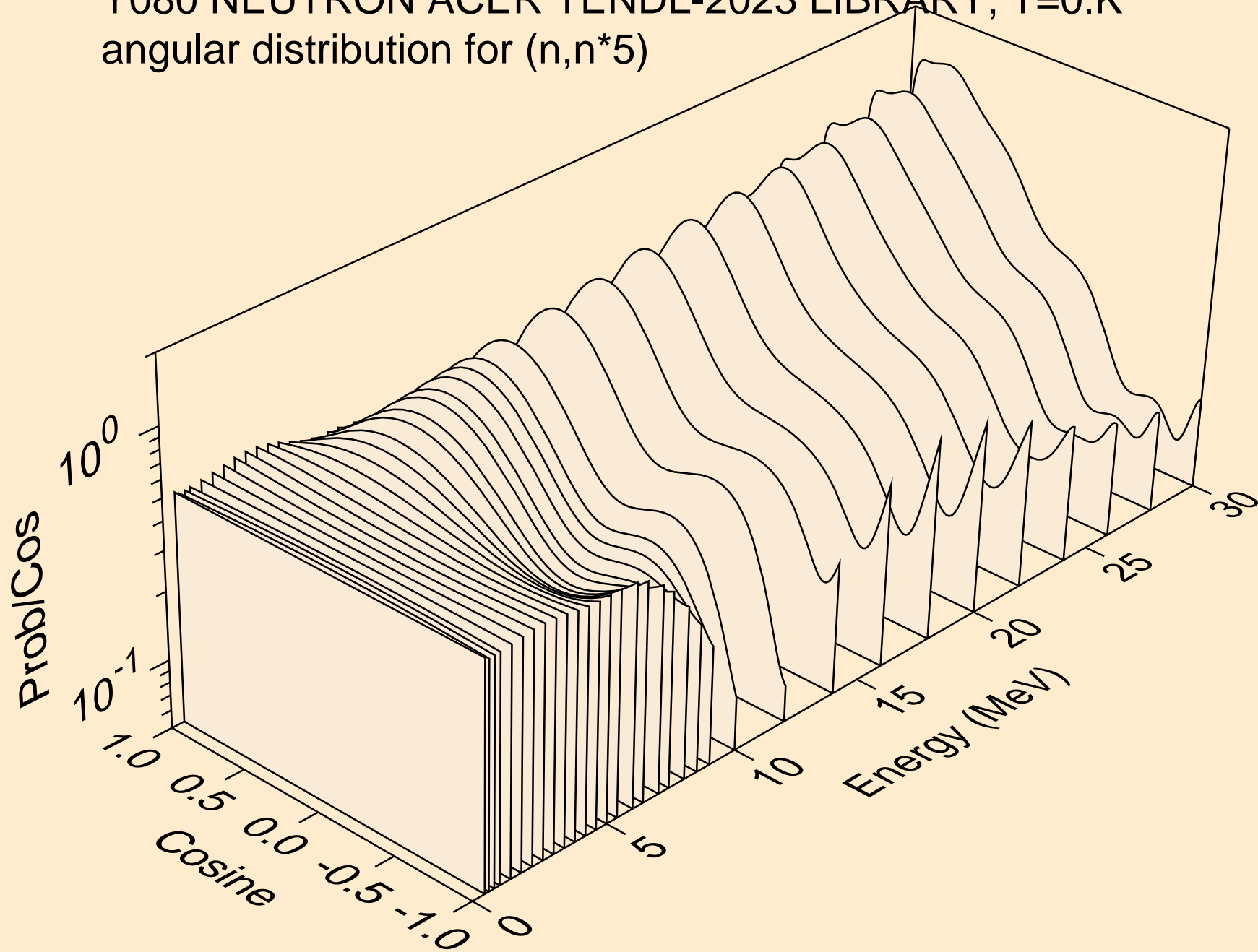
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angular distribution for (n,n\*3)



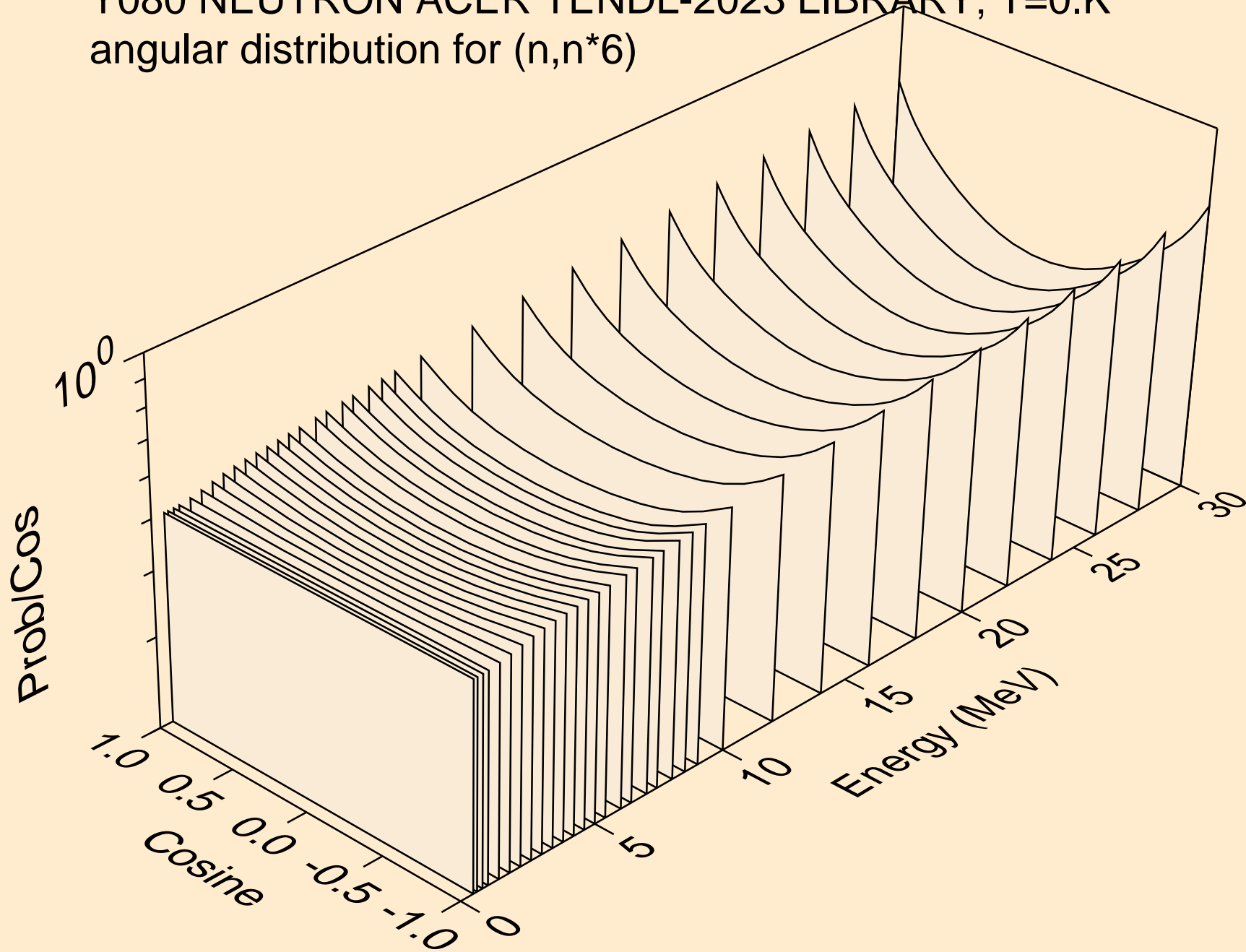
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

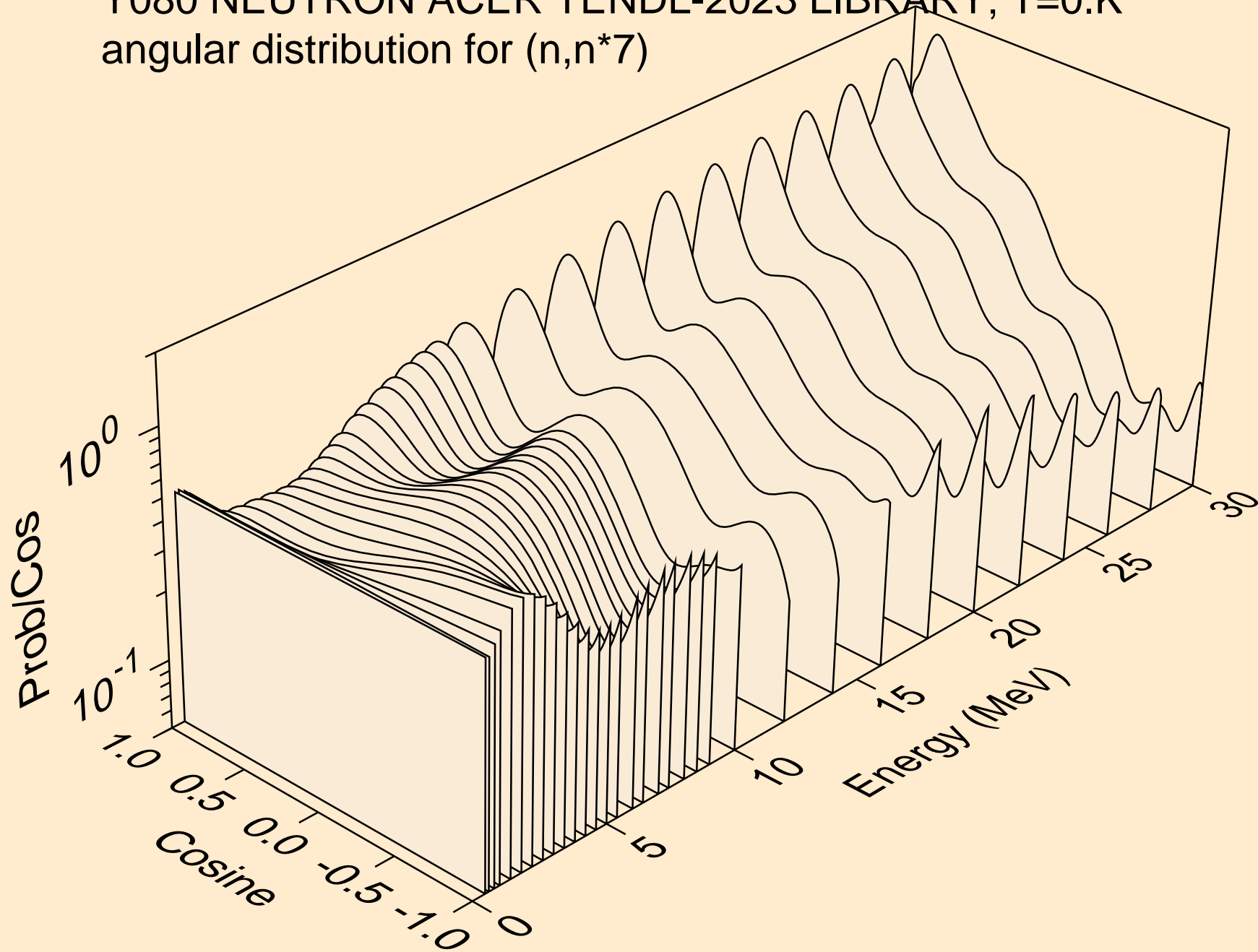


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angular distribution for (n,n\*6)

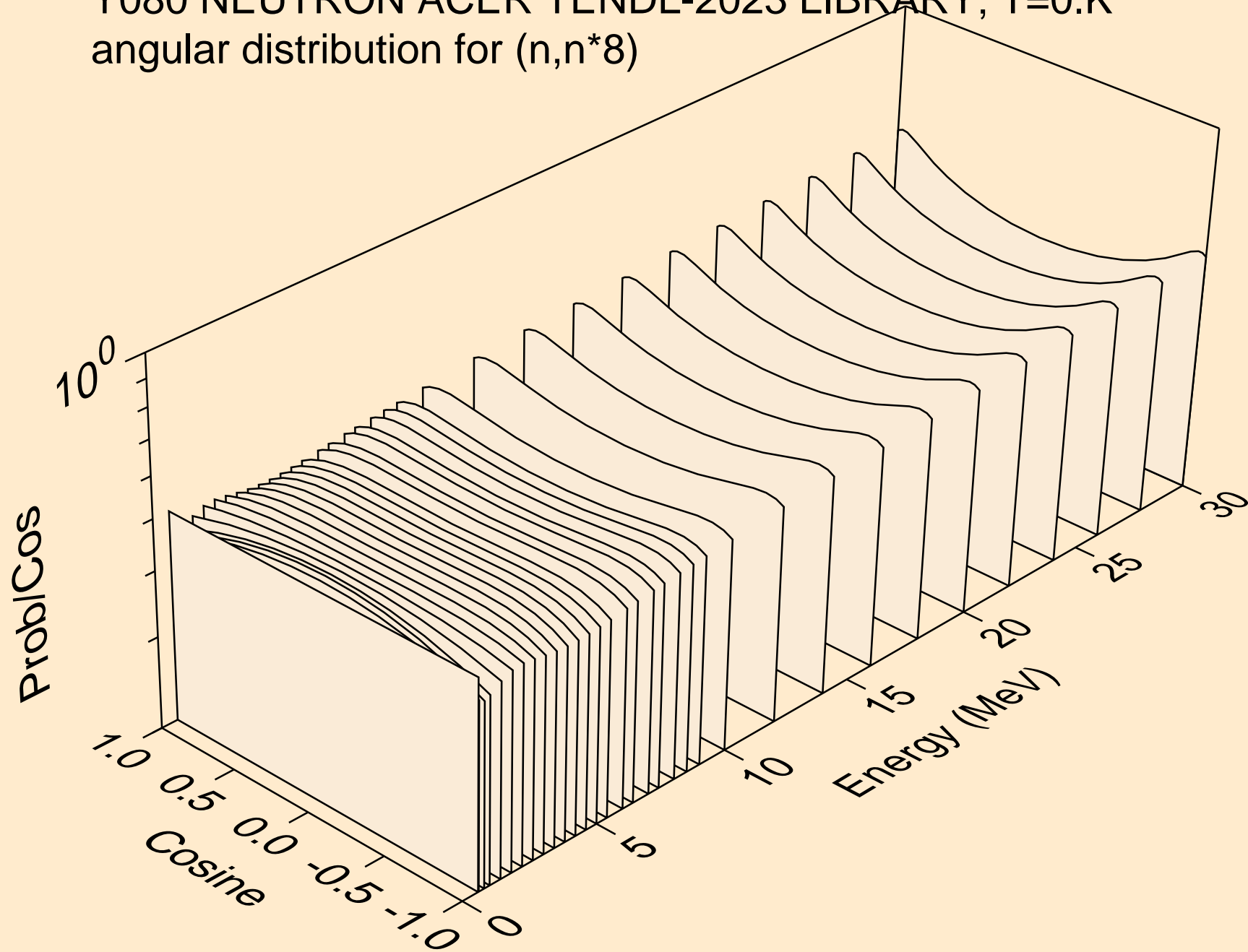




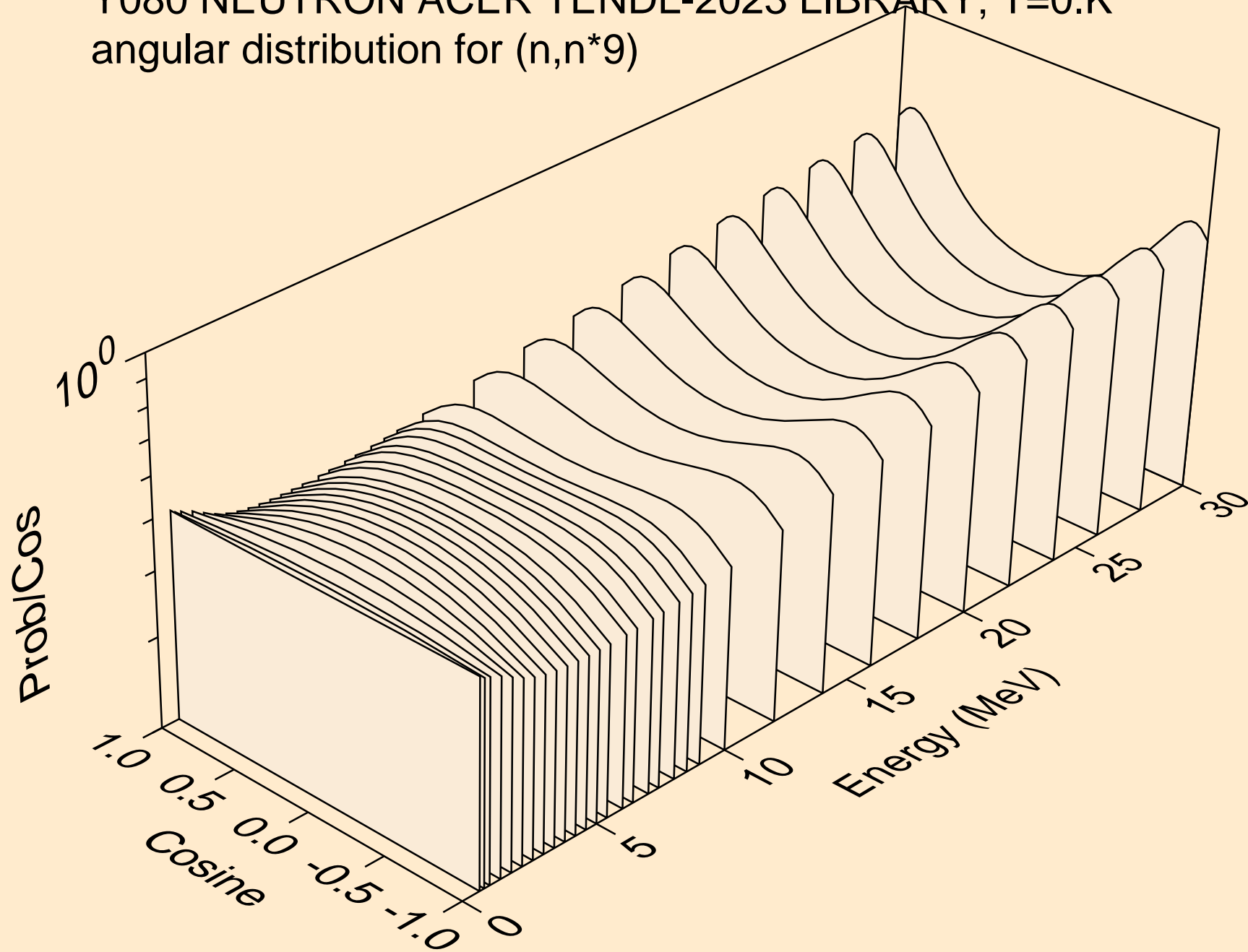
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angular distribution for (n,n\*7)



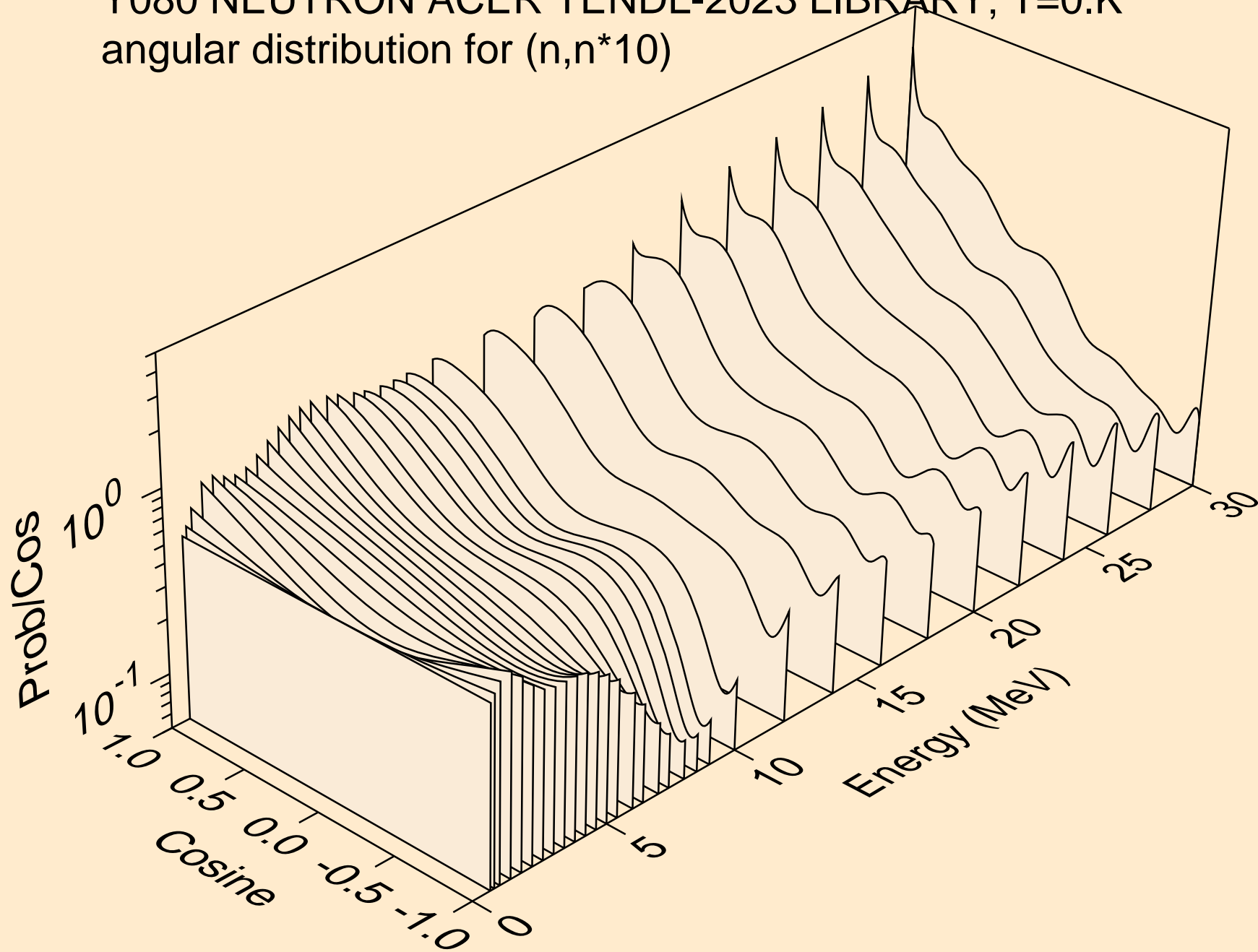
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angular distribution for (n,n\*8)



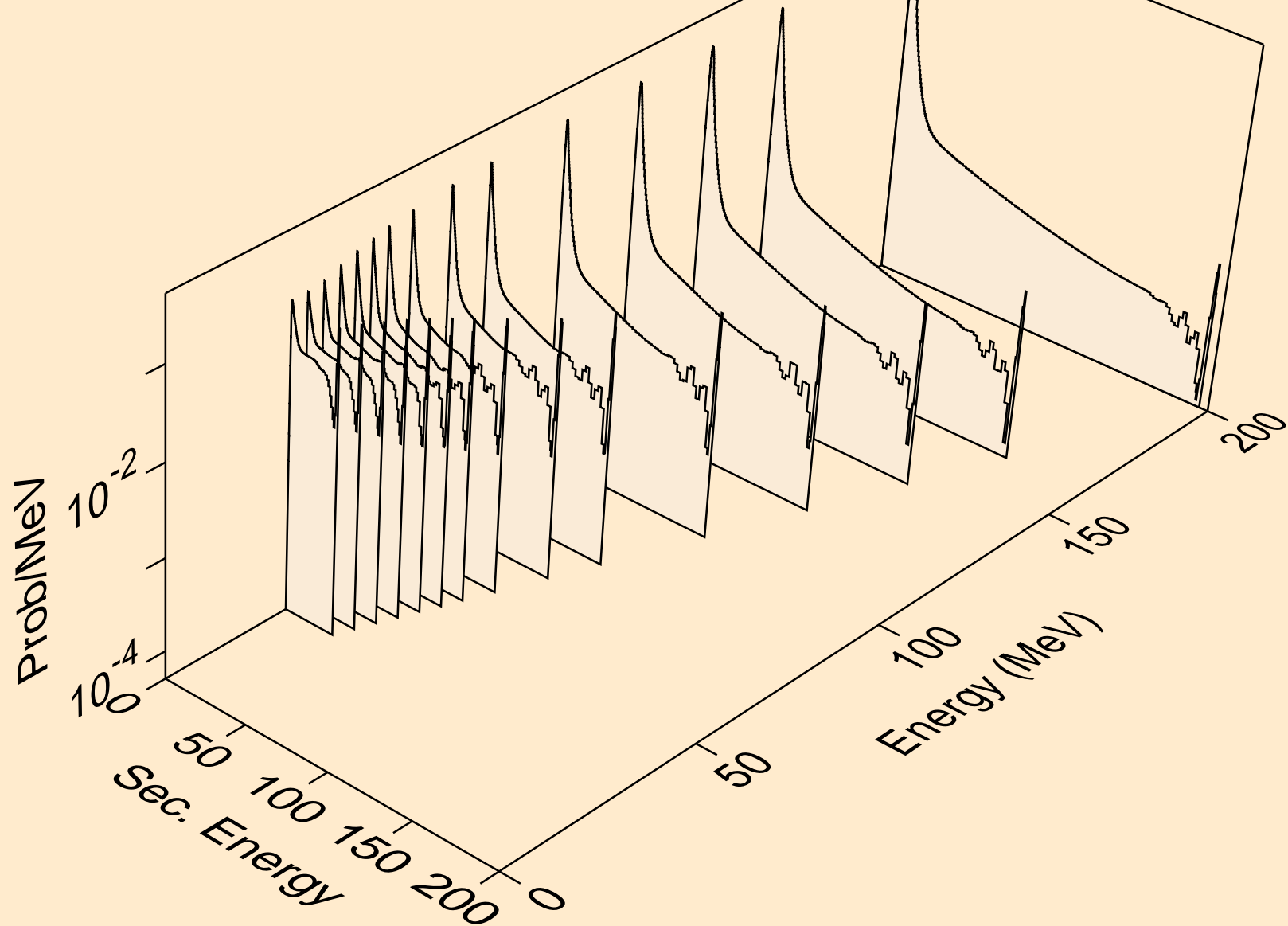
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angular distribution for (n,n\*9)



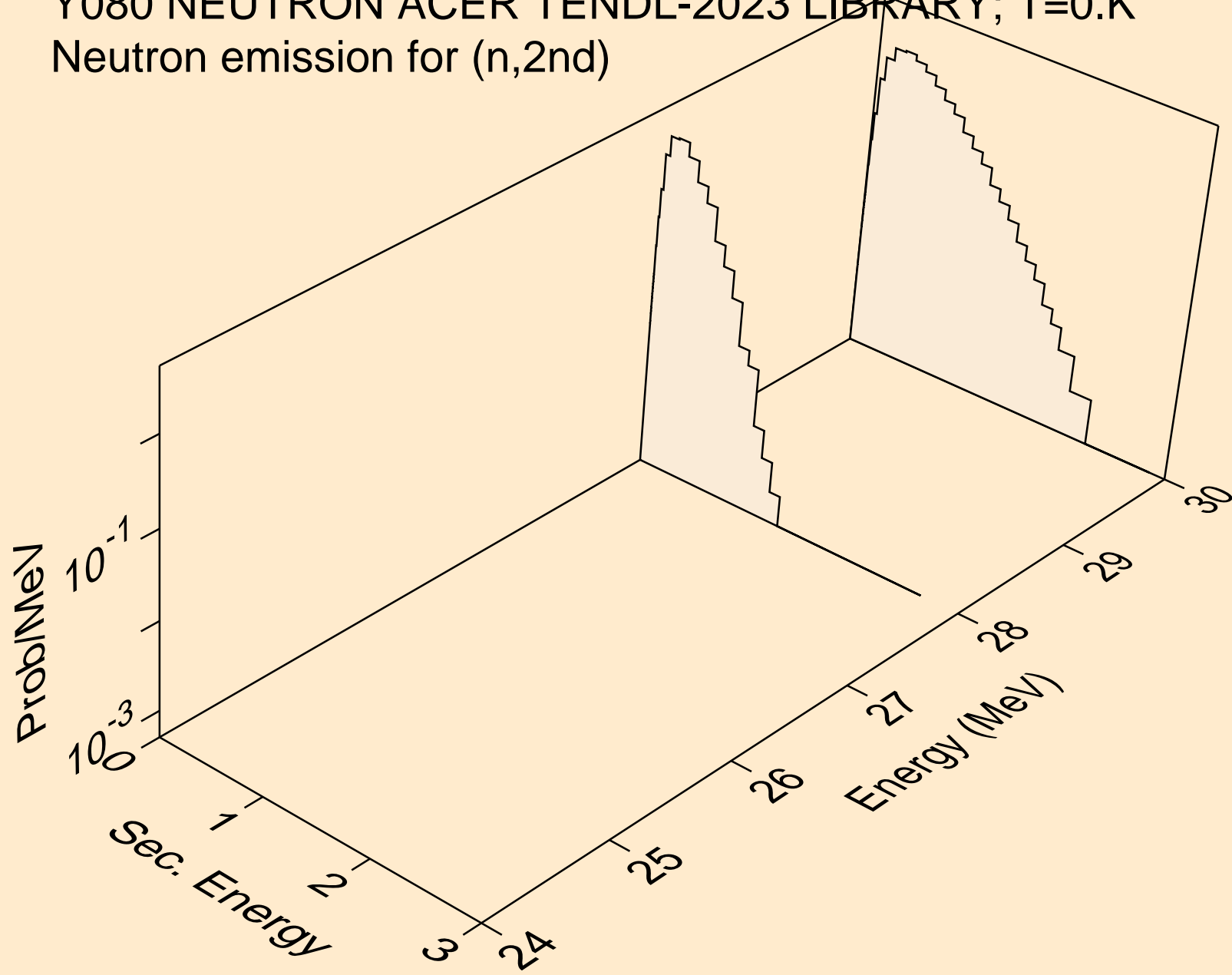
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angular distribution for (n,n\*10)



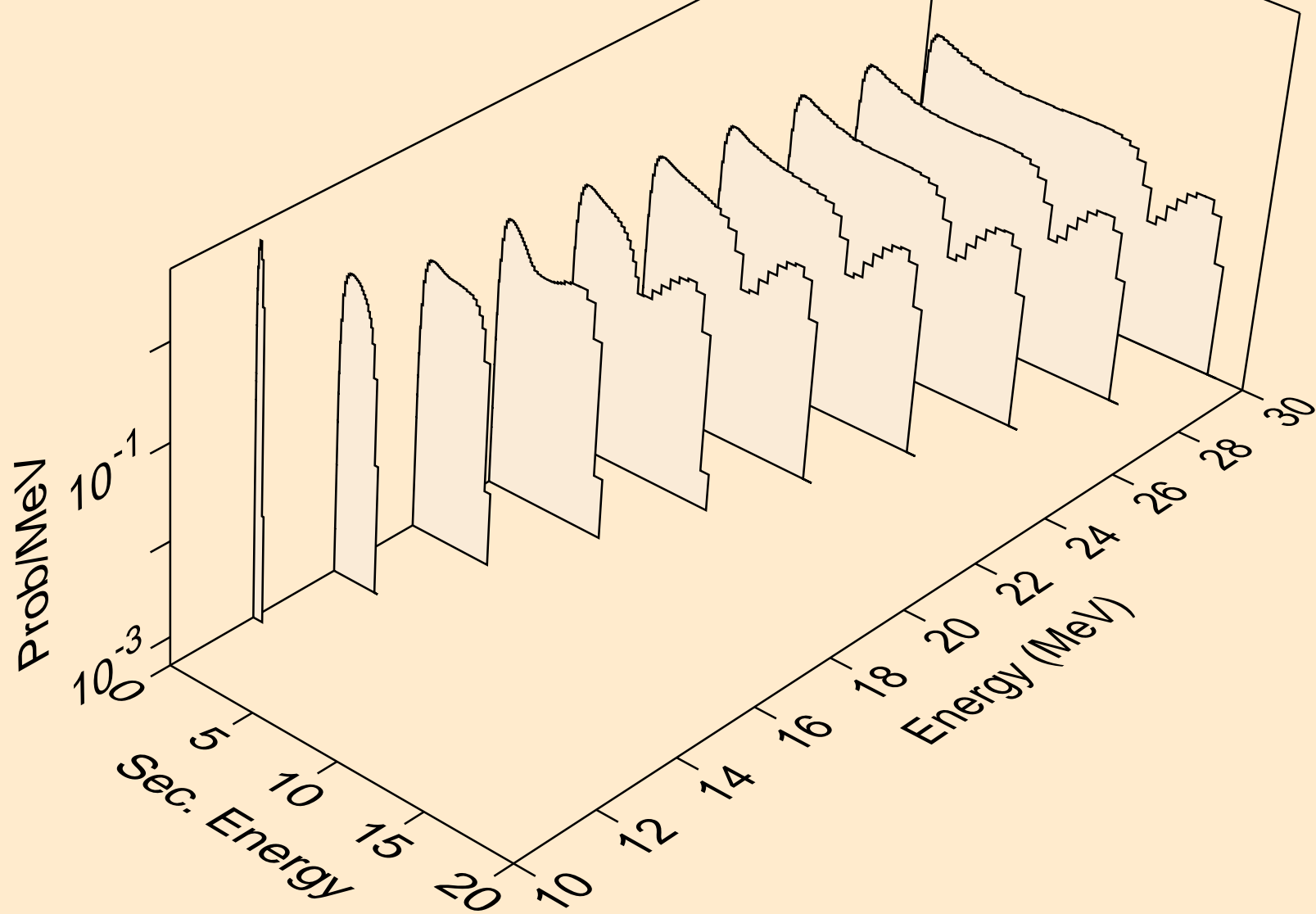
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Neutron emission for (n,x)



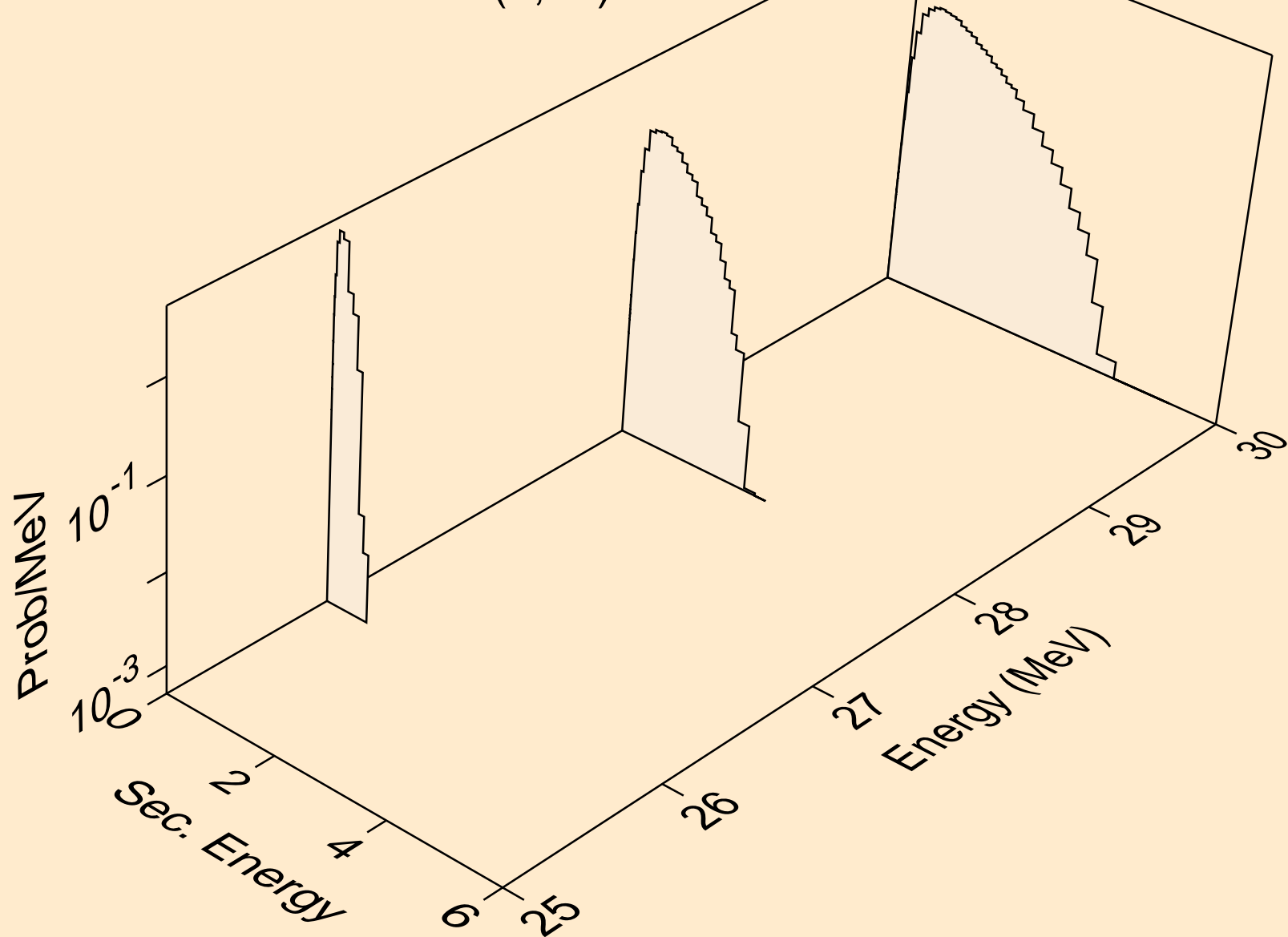
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

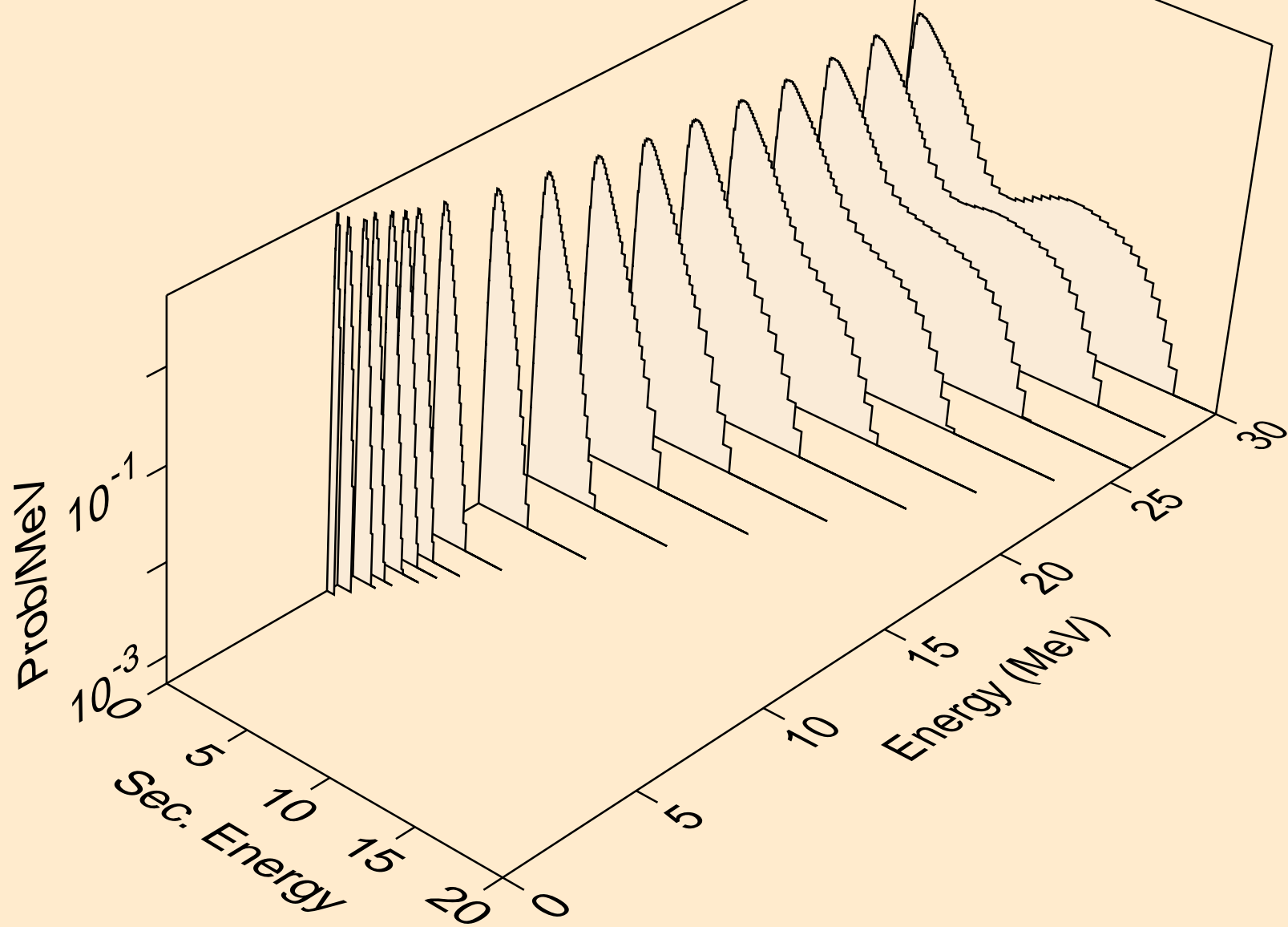


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

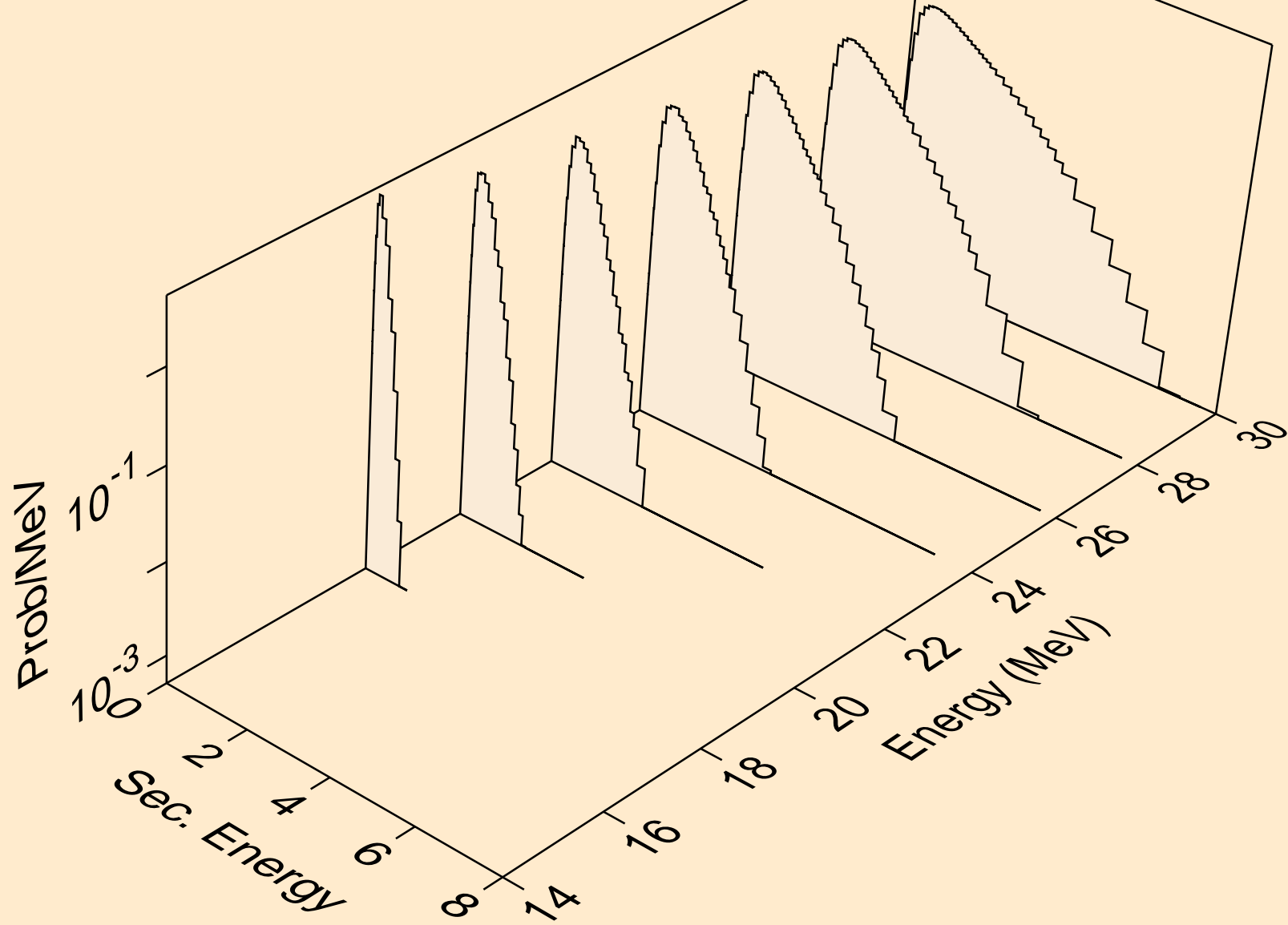




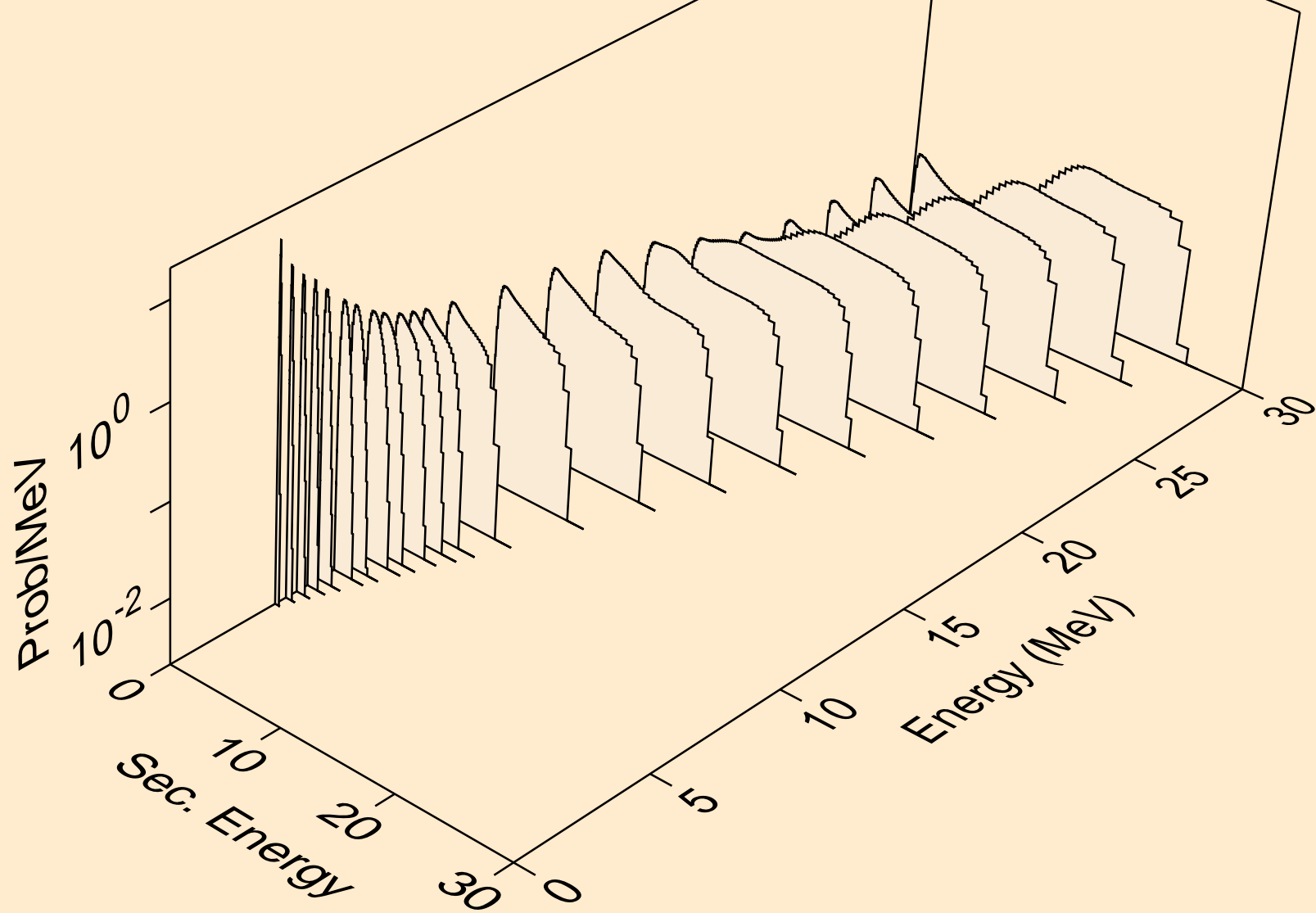
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



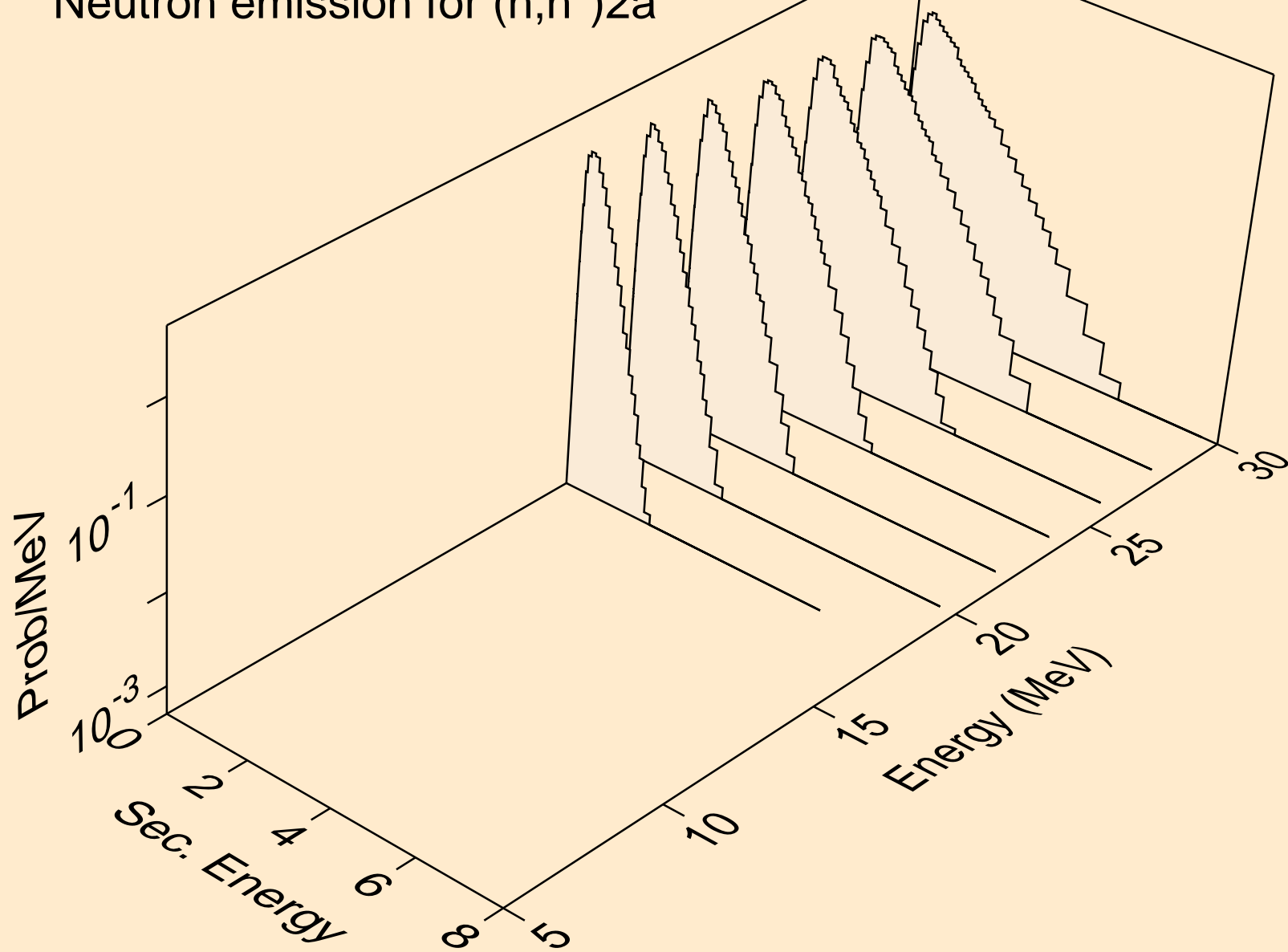
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Neutron emission for (n,2n)a



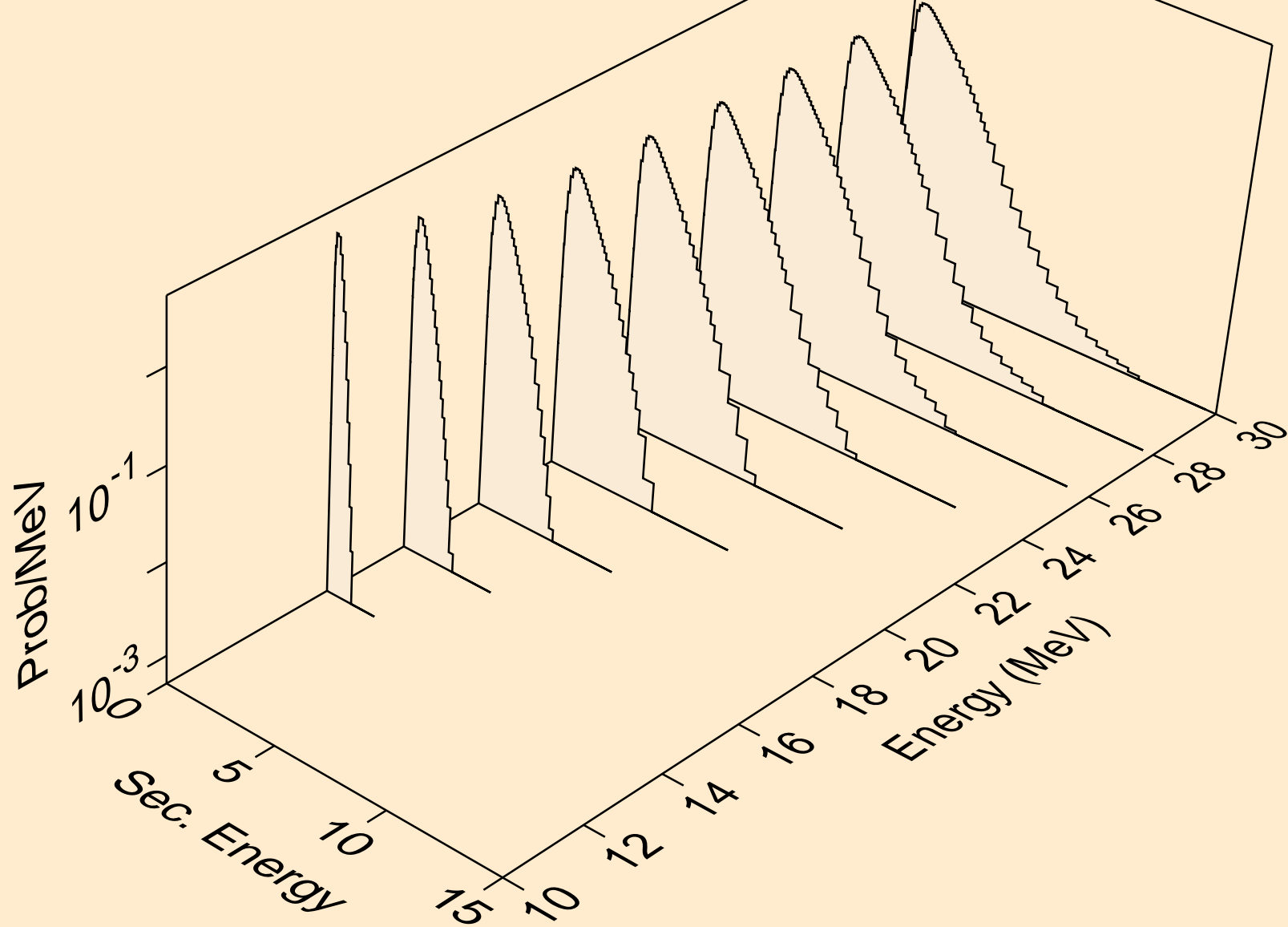
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



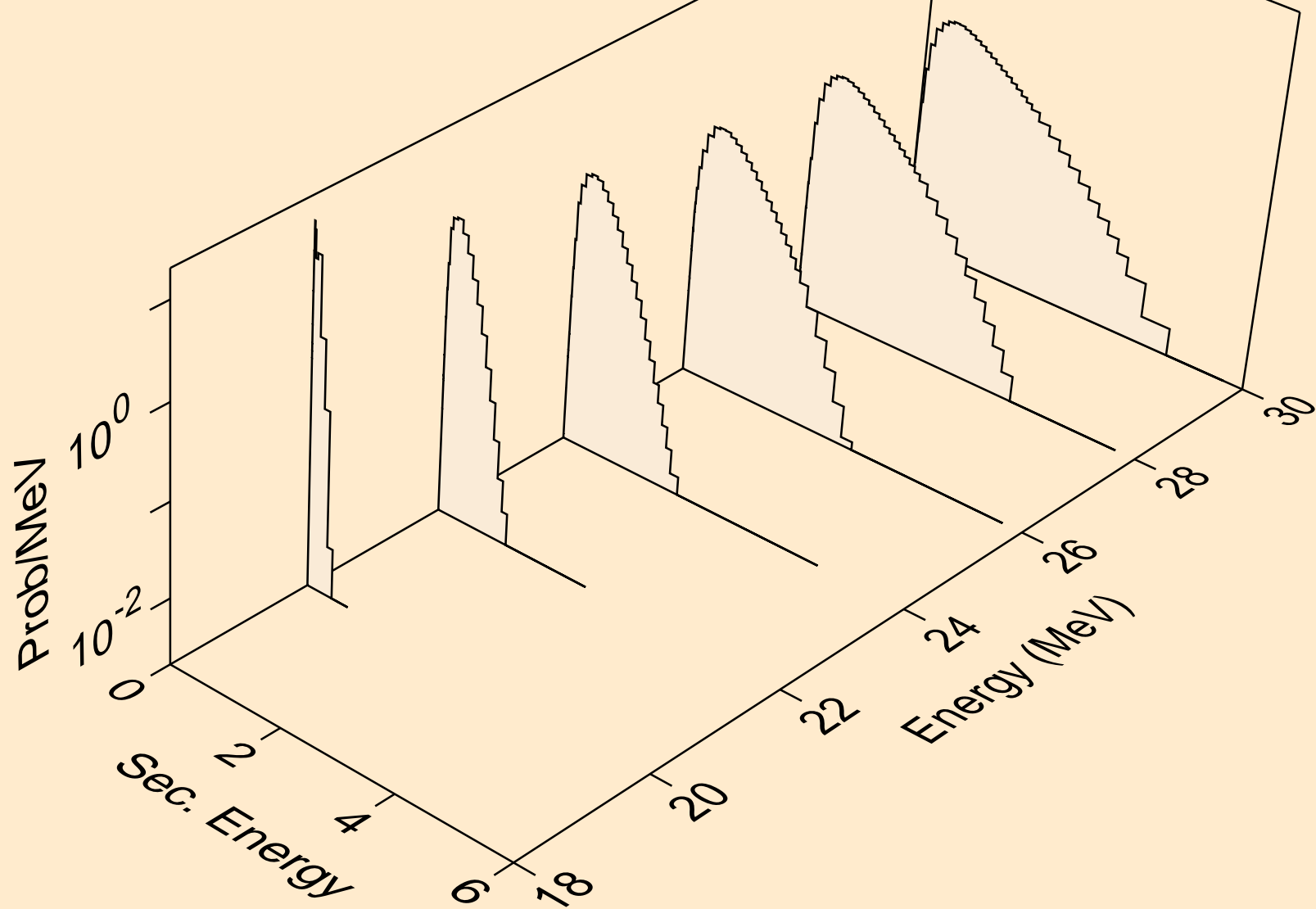
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Neutron emission for (n,n\*)2a



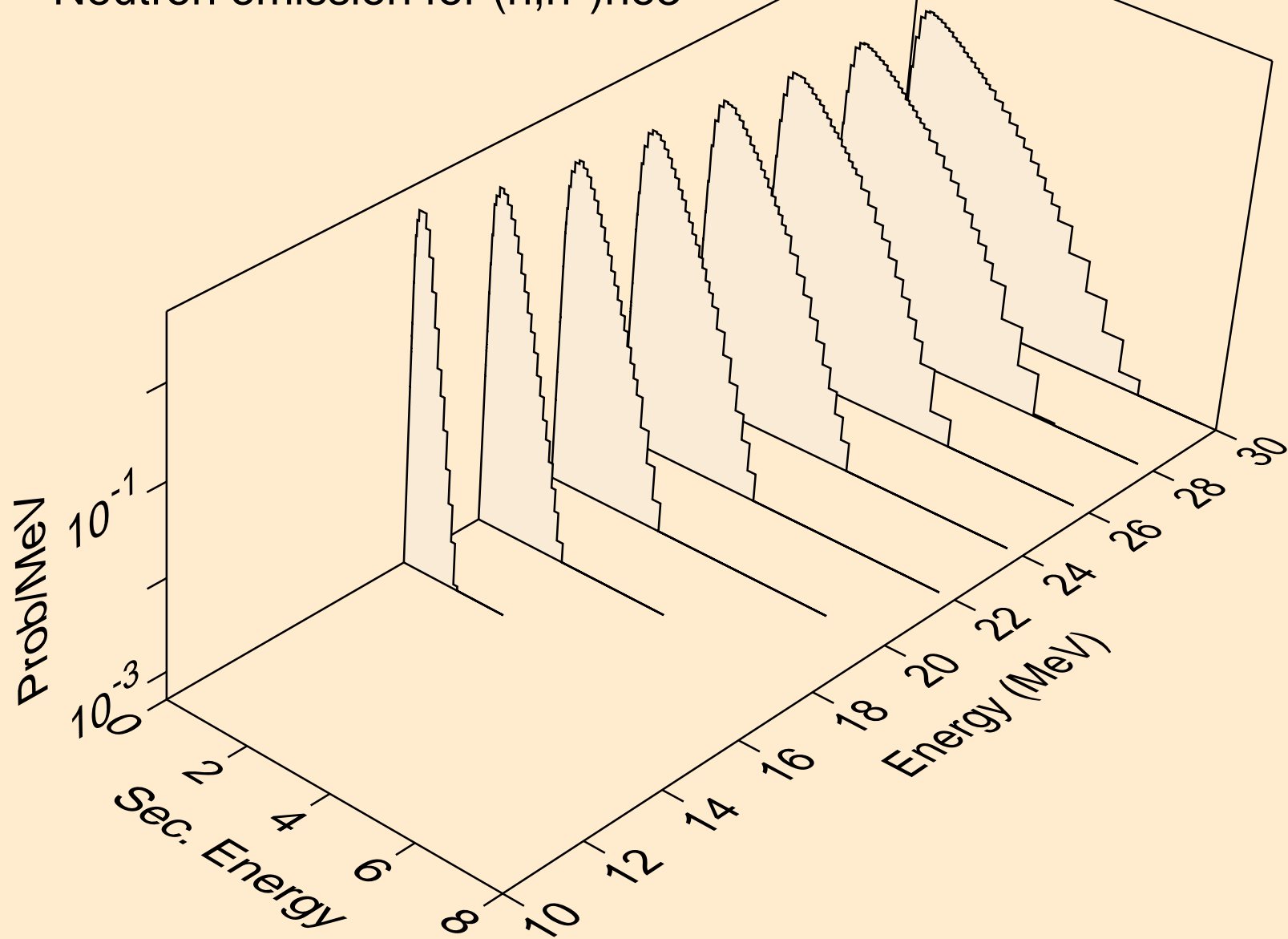
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Neutron emission for (n,n\*)d



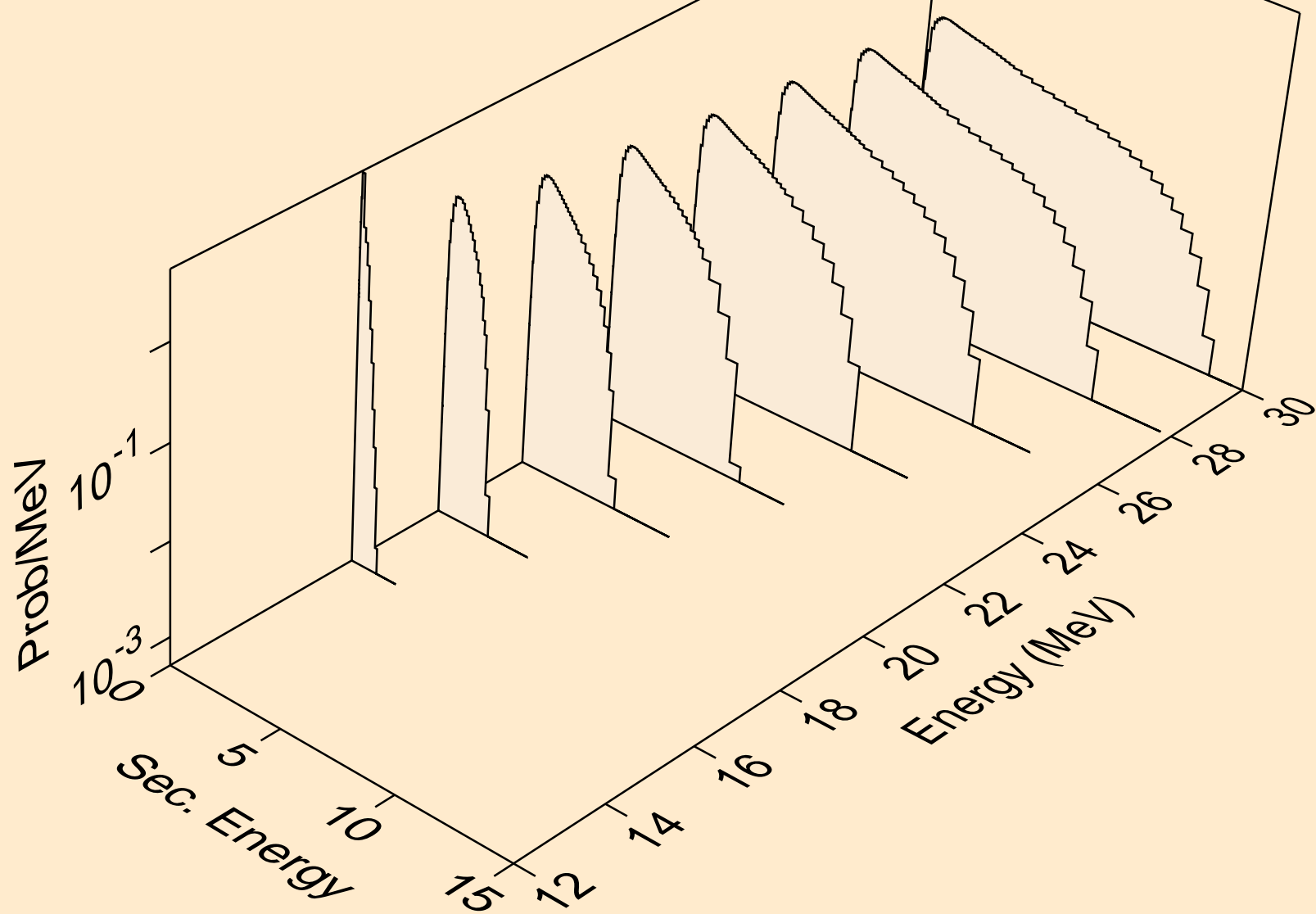
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

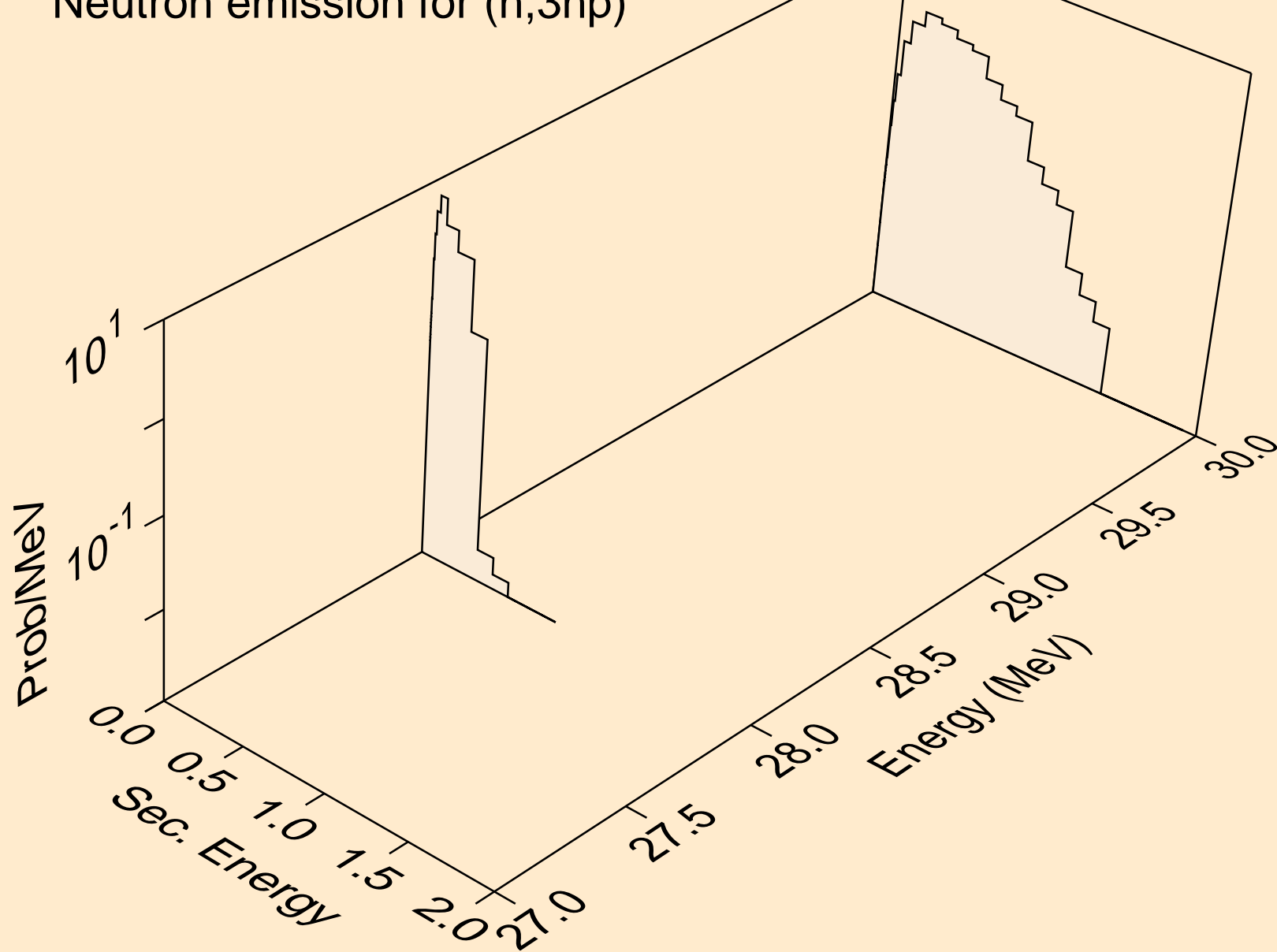


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

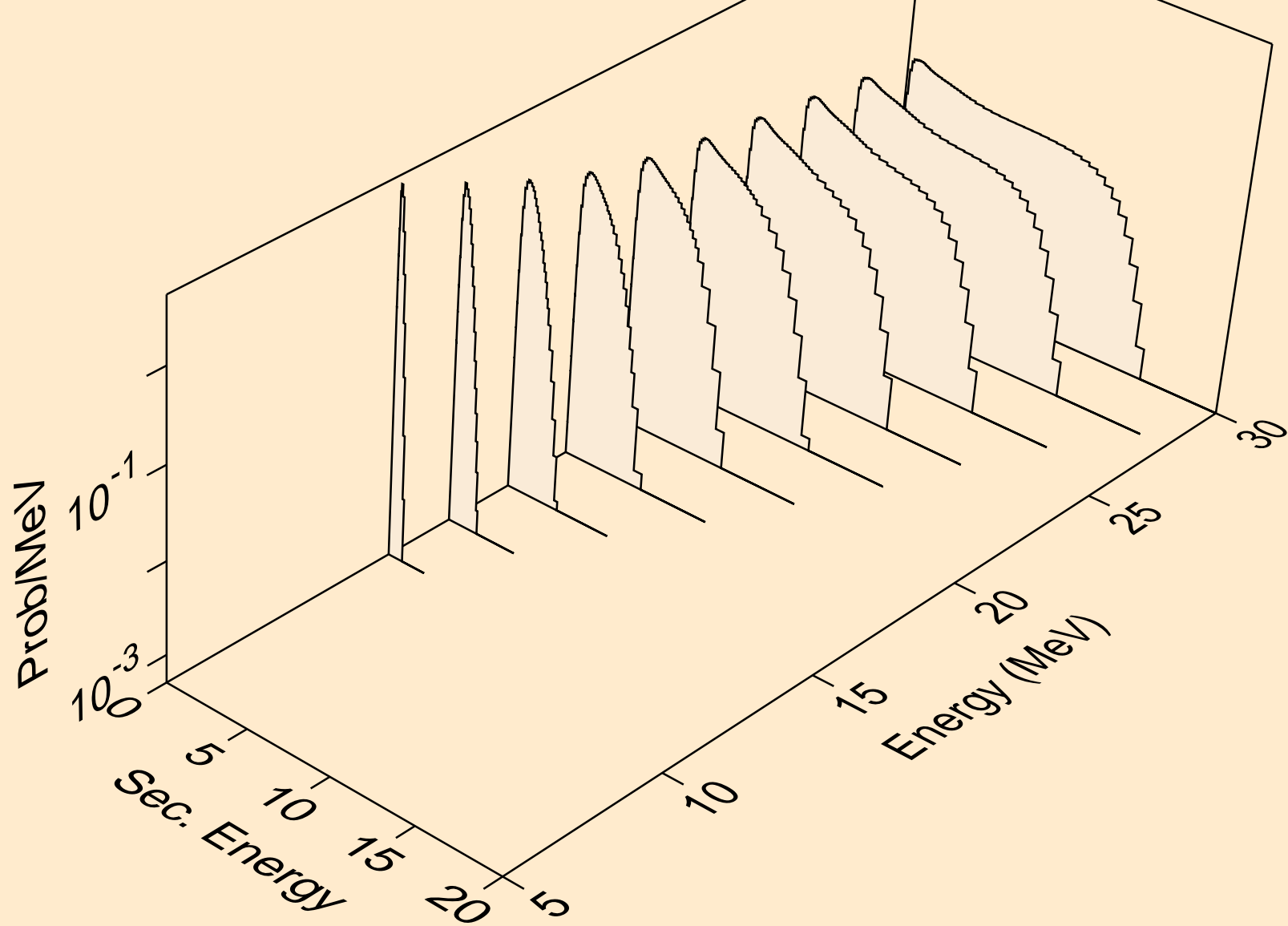




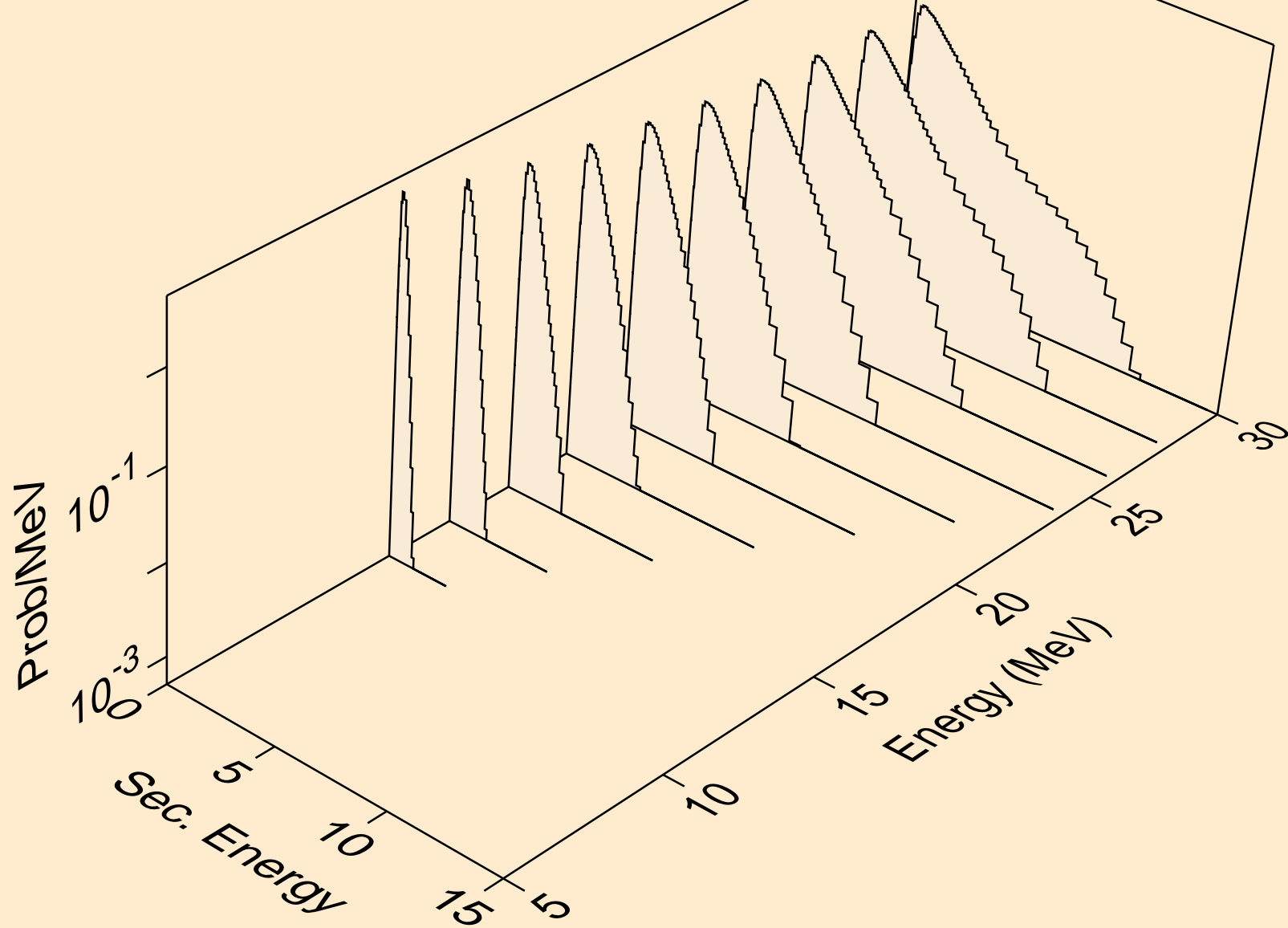
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Neutron emission for (n,3np)



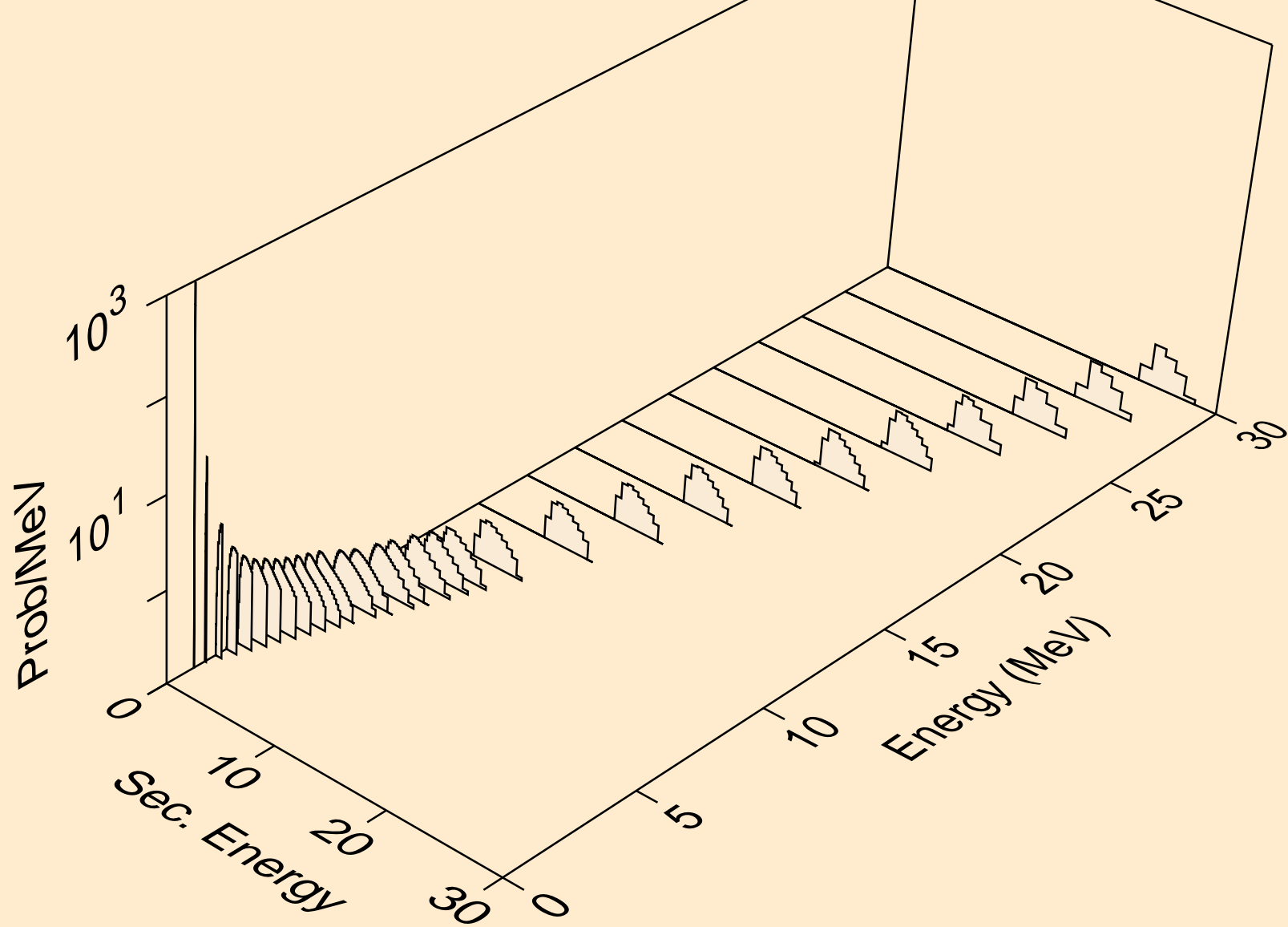
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Neutron emission for (n,n2p)



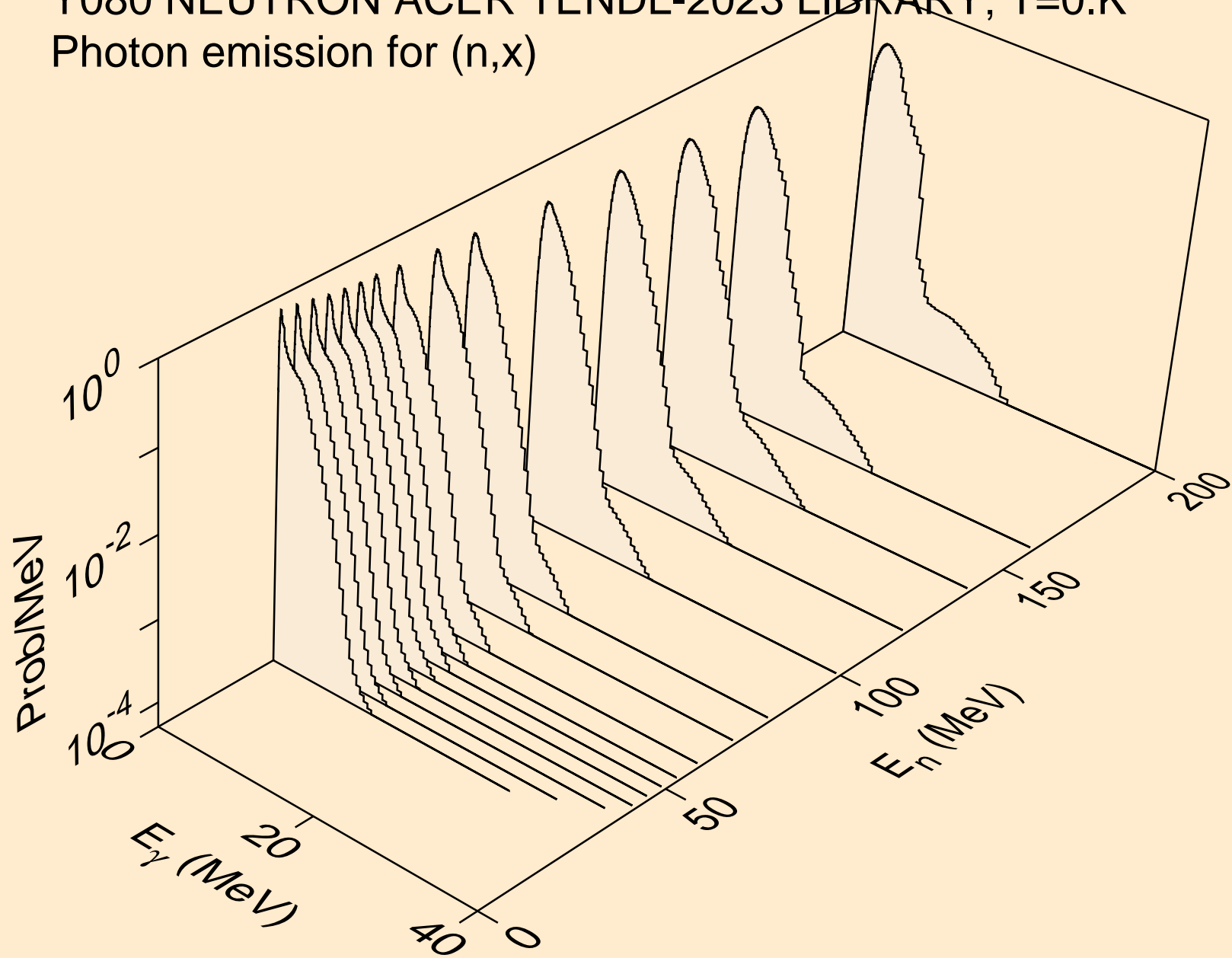
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Neutron emission for (n,npa)



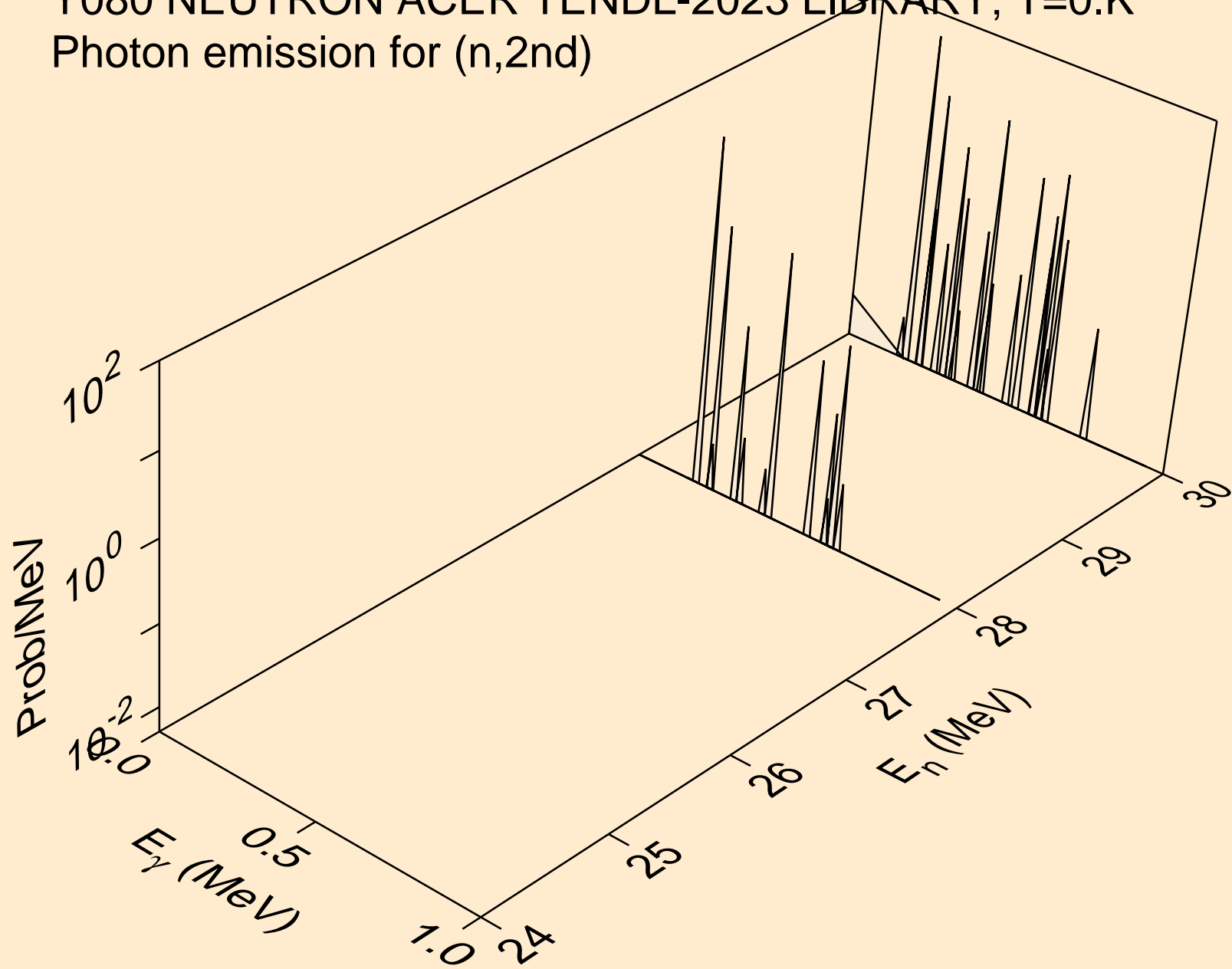
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Neutron emission for (n,n\*c)



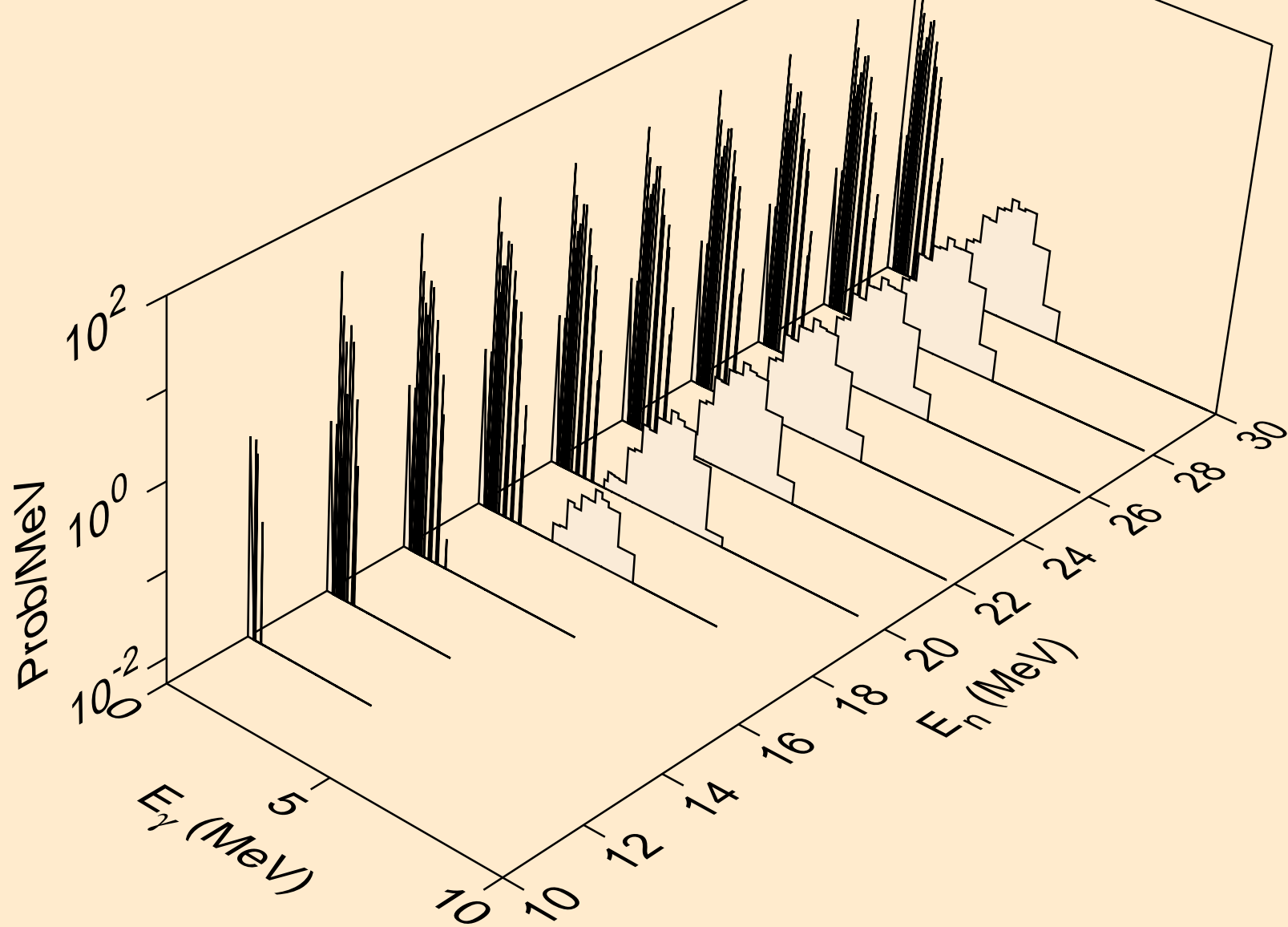
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



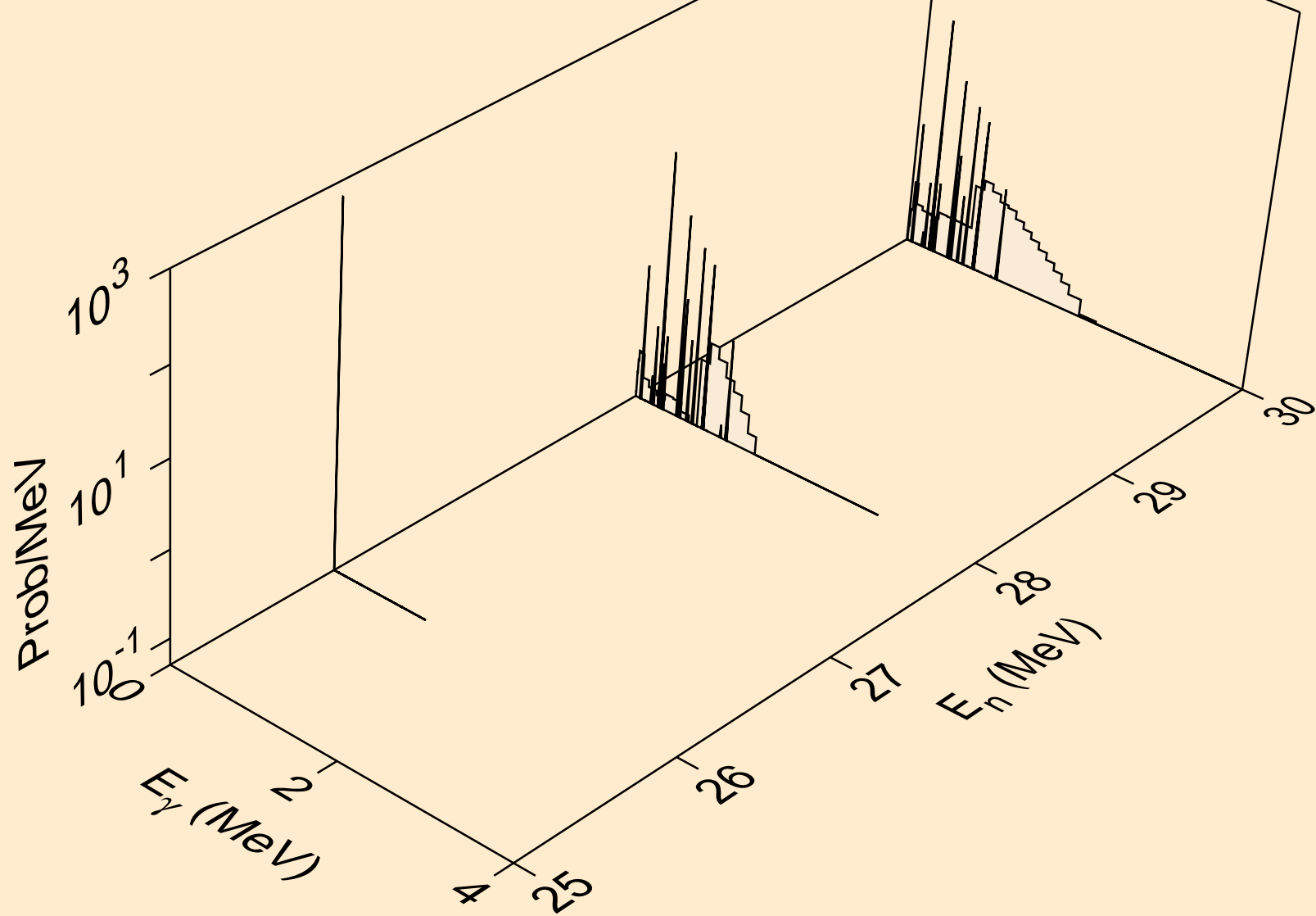
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

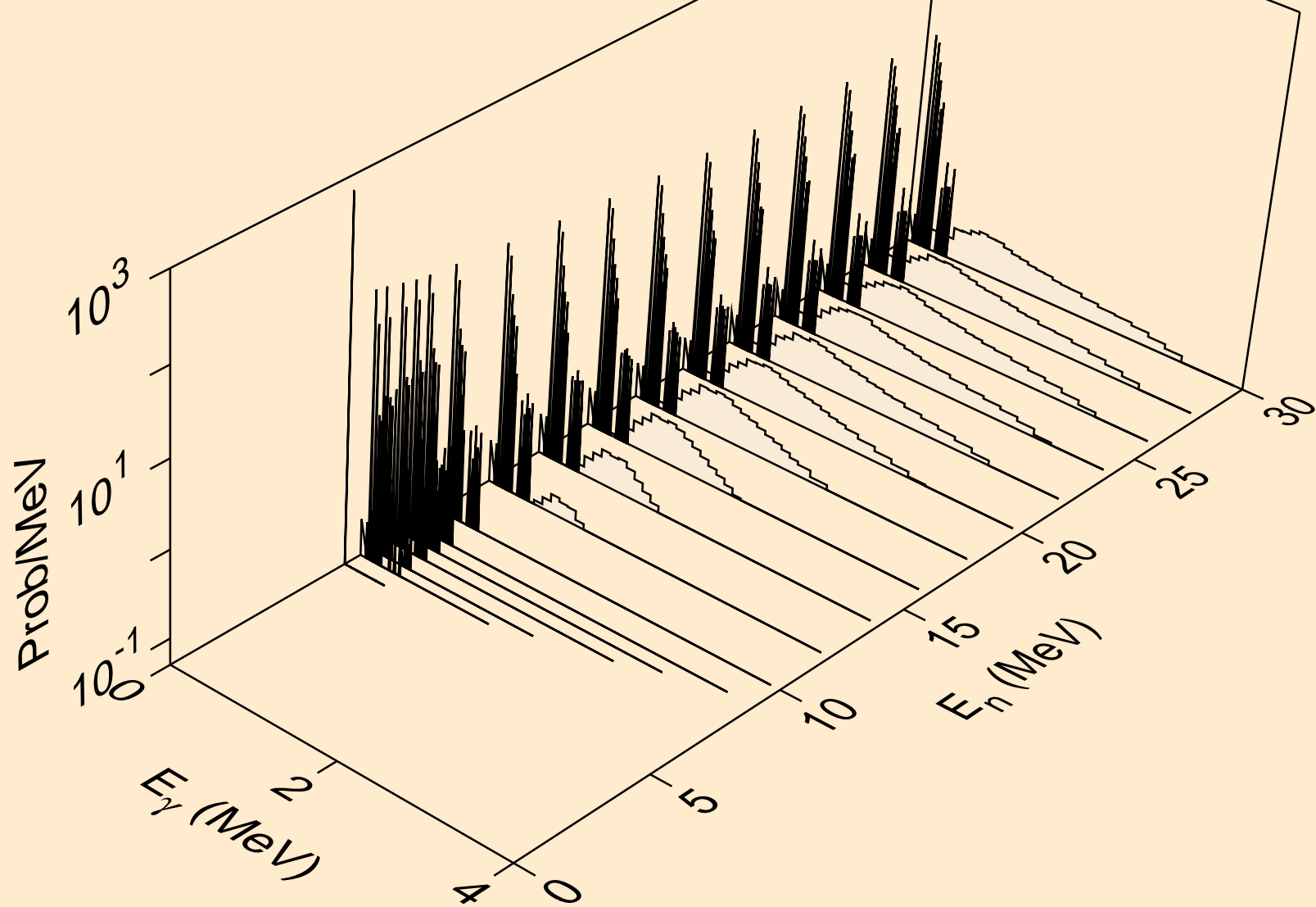


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

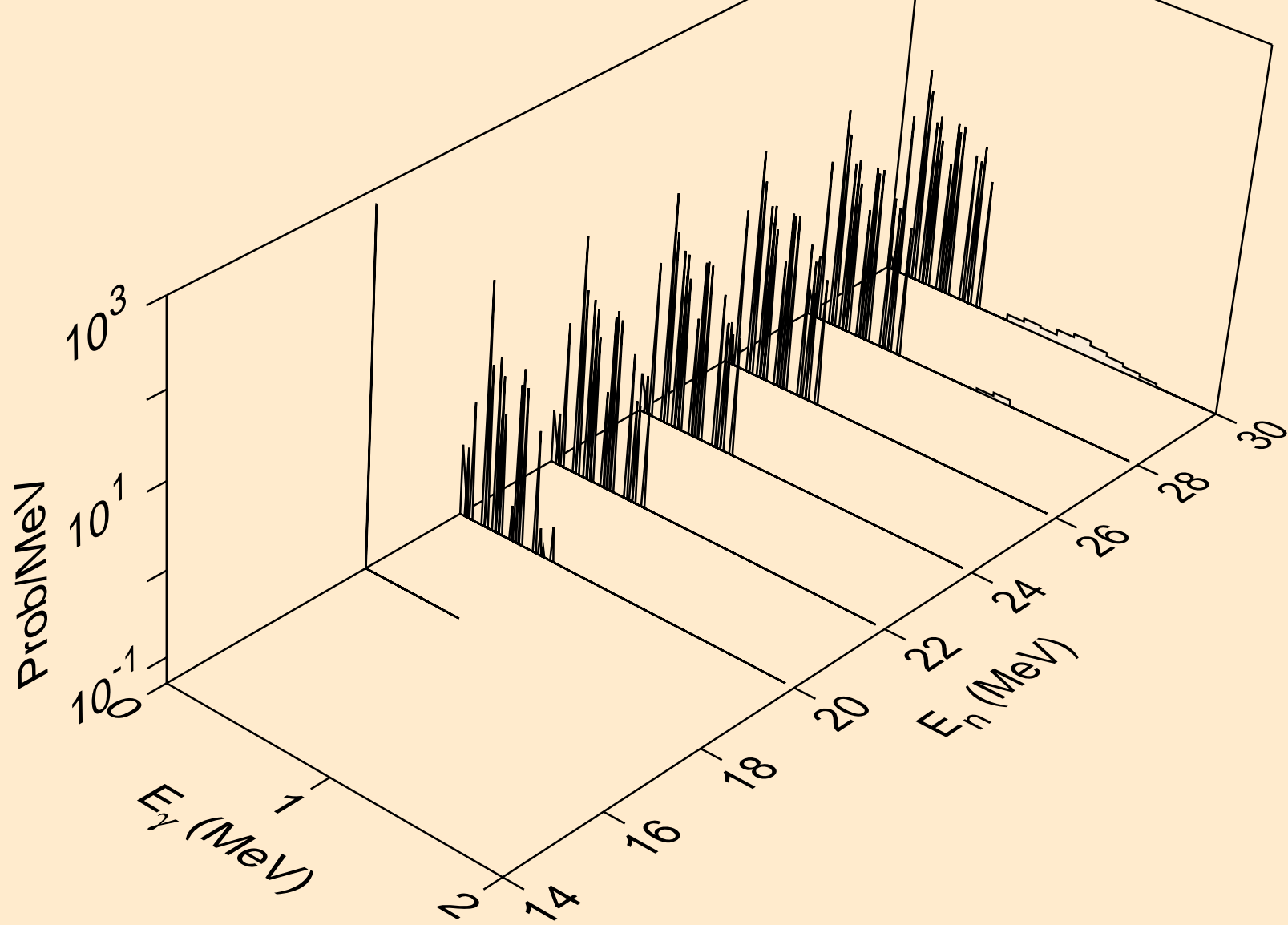




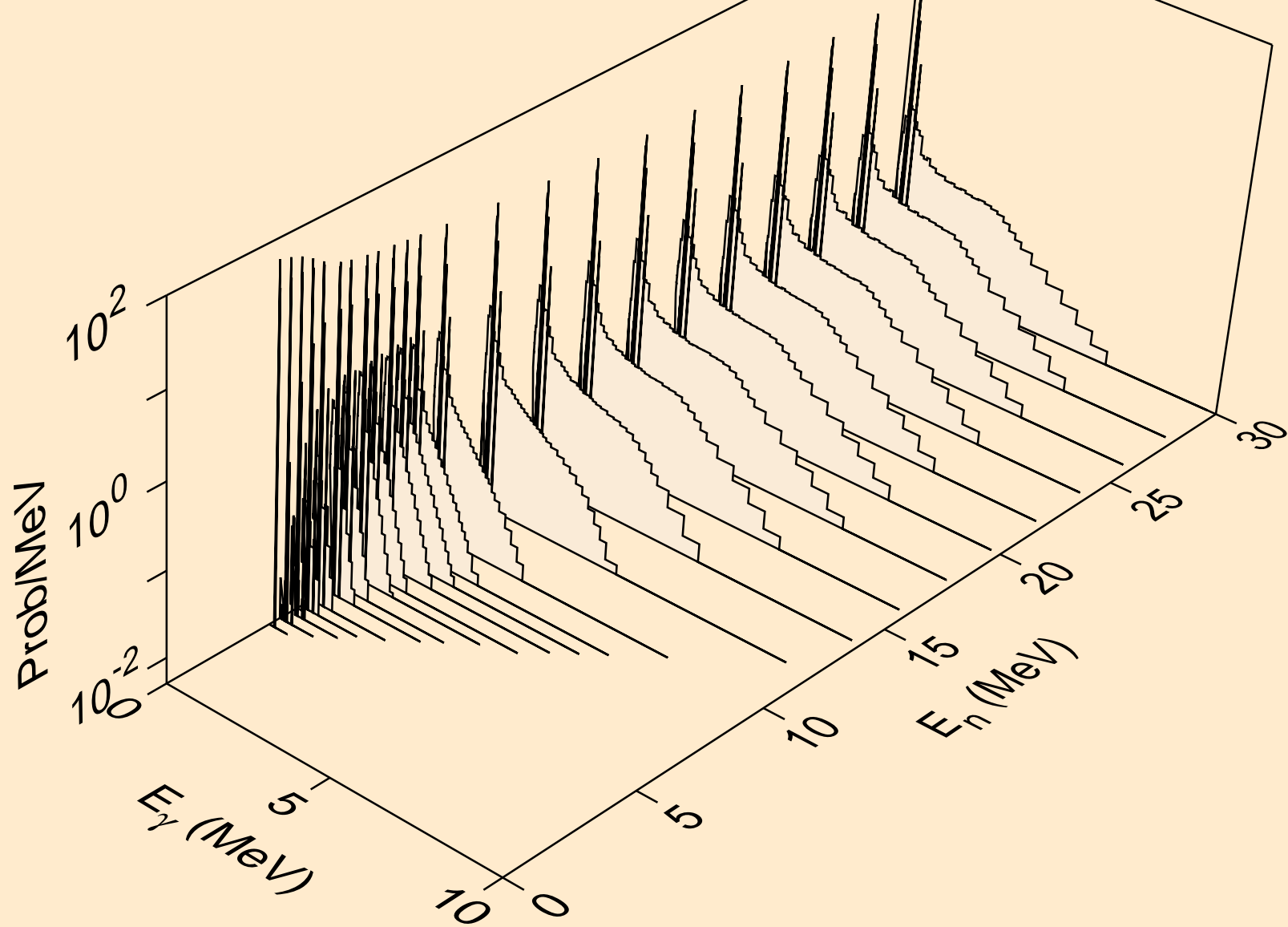
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Photon emission for (n,n\*)a



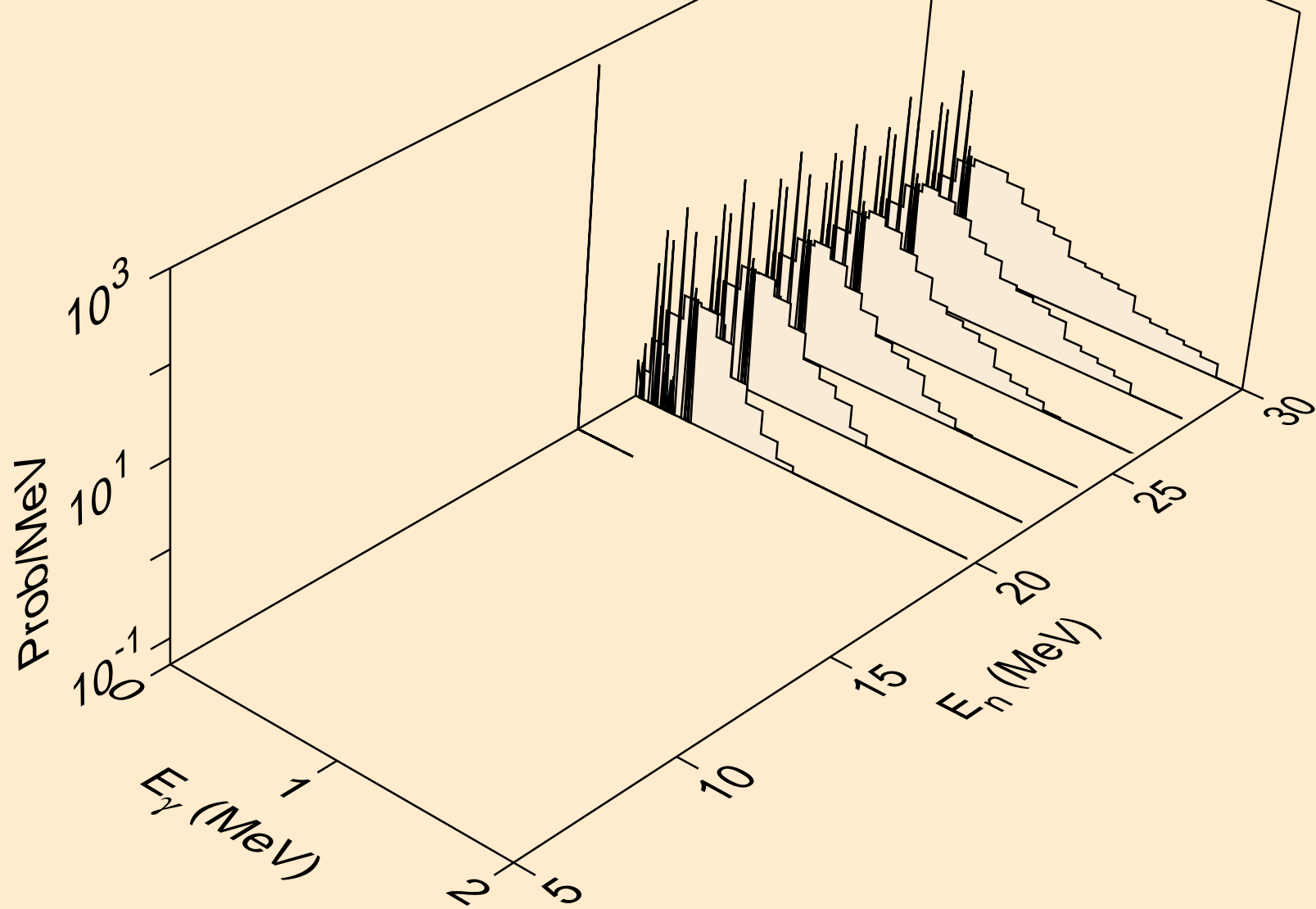
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Photon emission for (n,2n)a



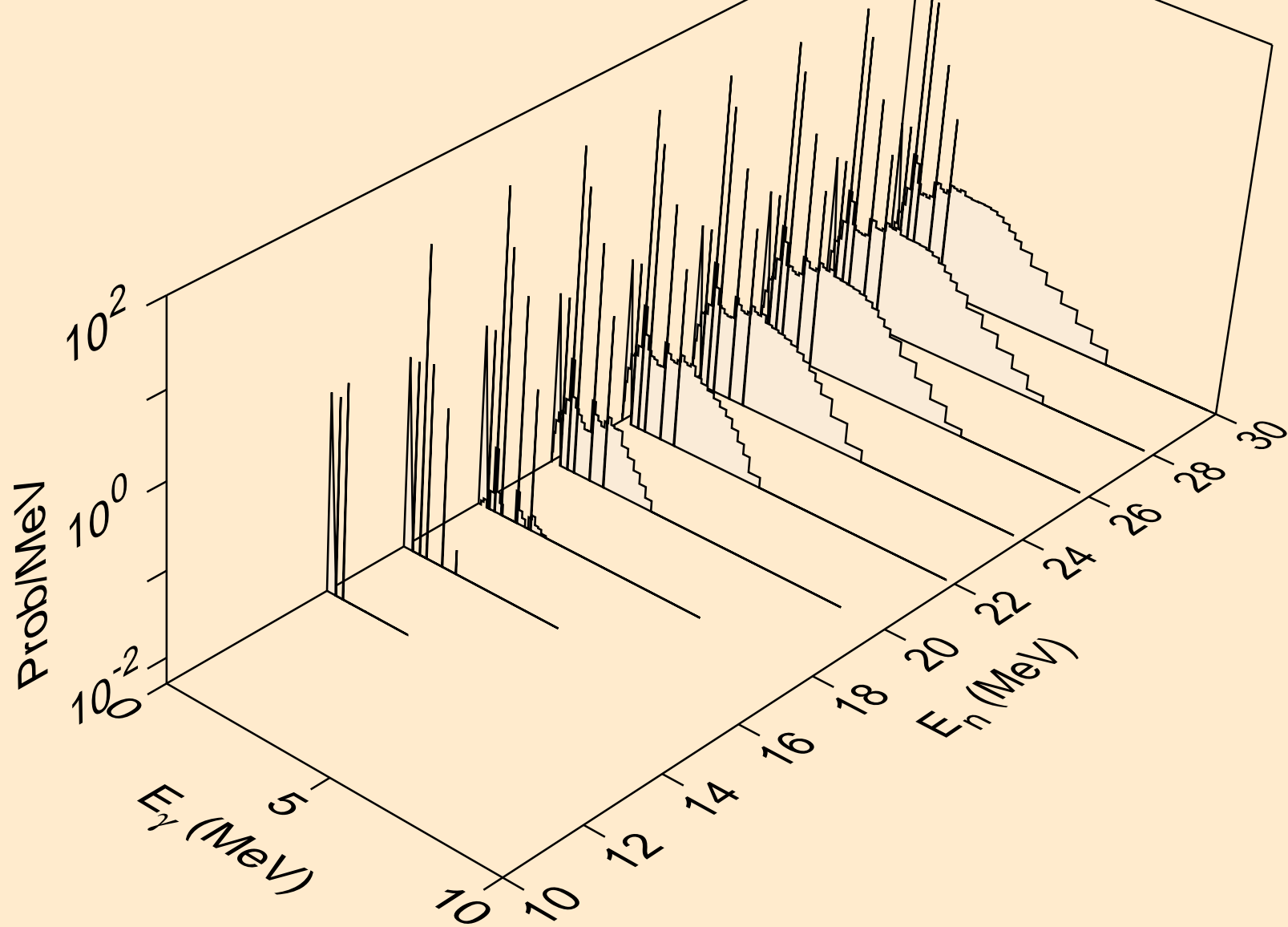
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Photon emission for (n,n\*)p



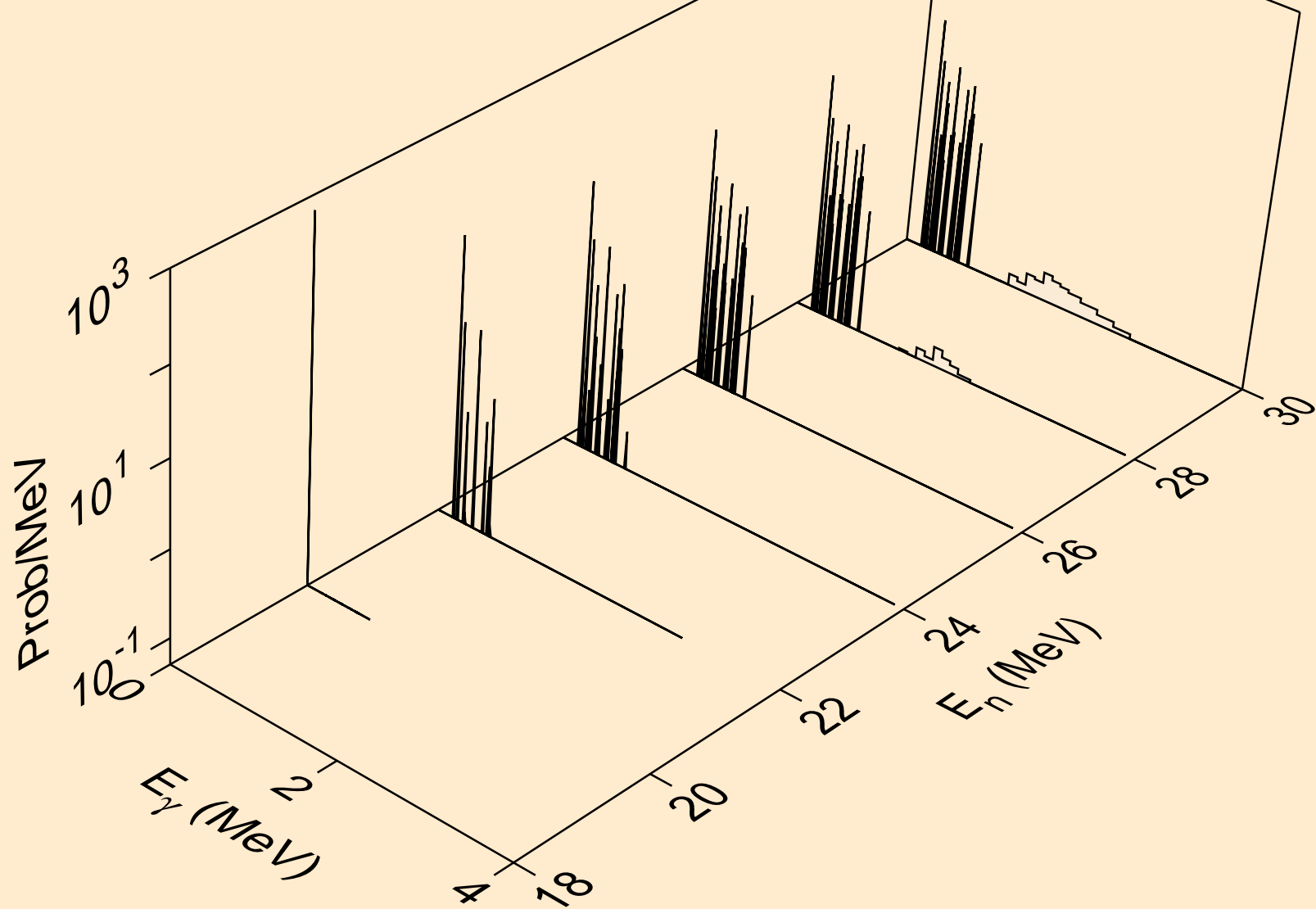
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Photon emission for (n,n\*)2a



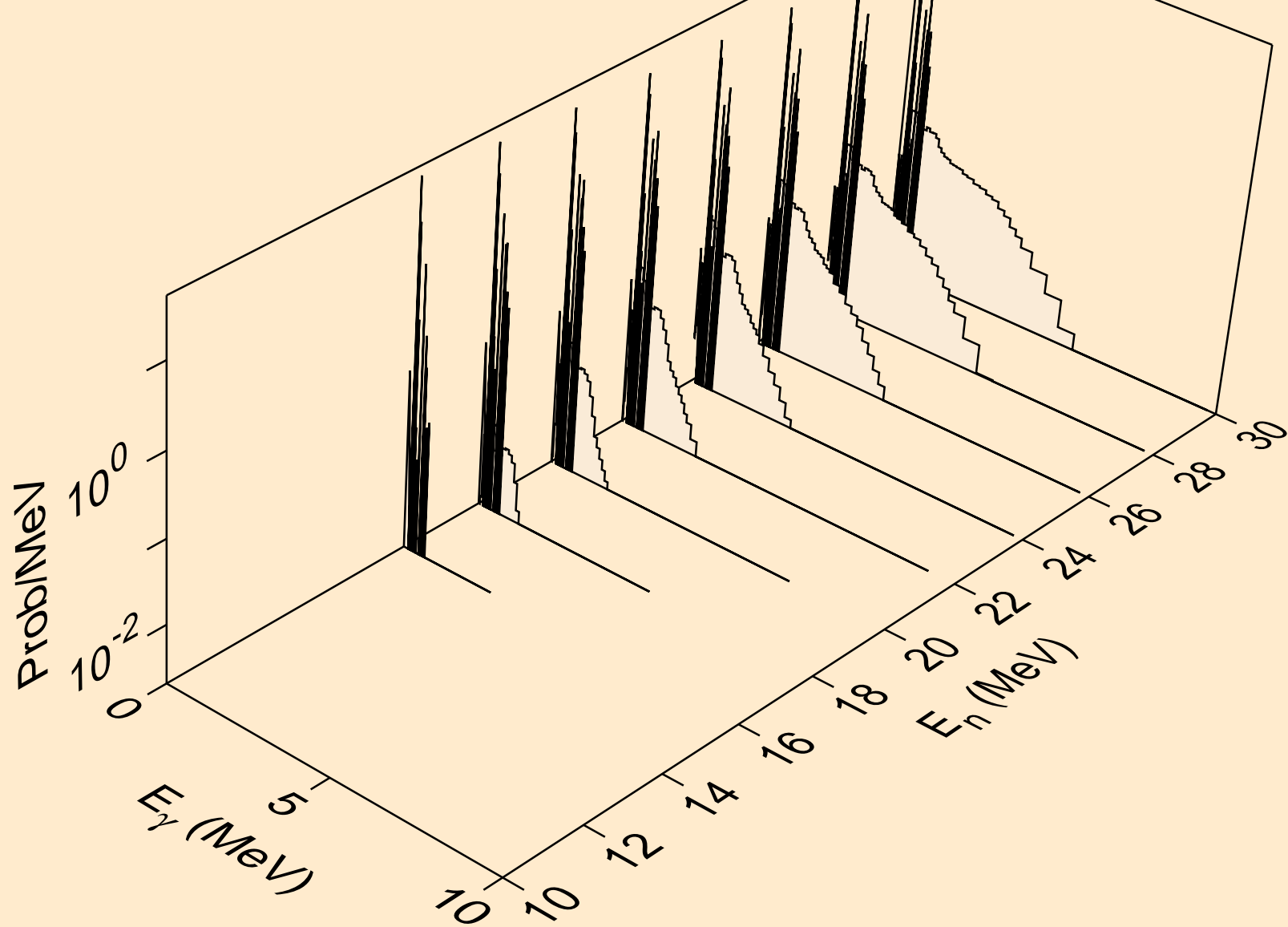
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Photon emission for (n,n\*)d



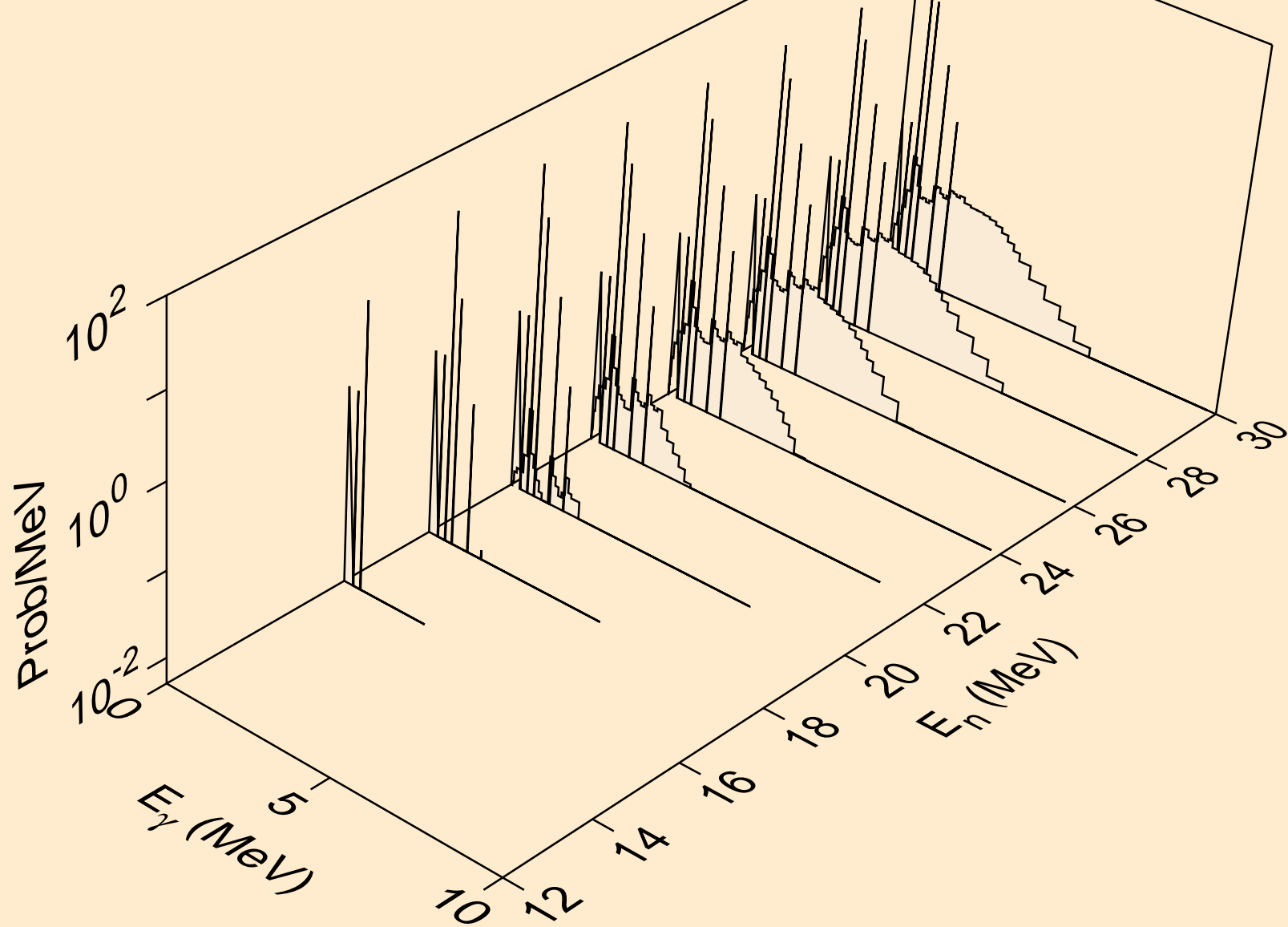
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

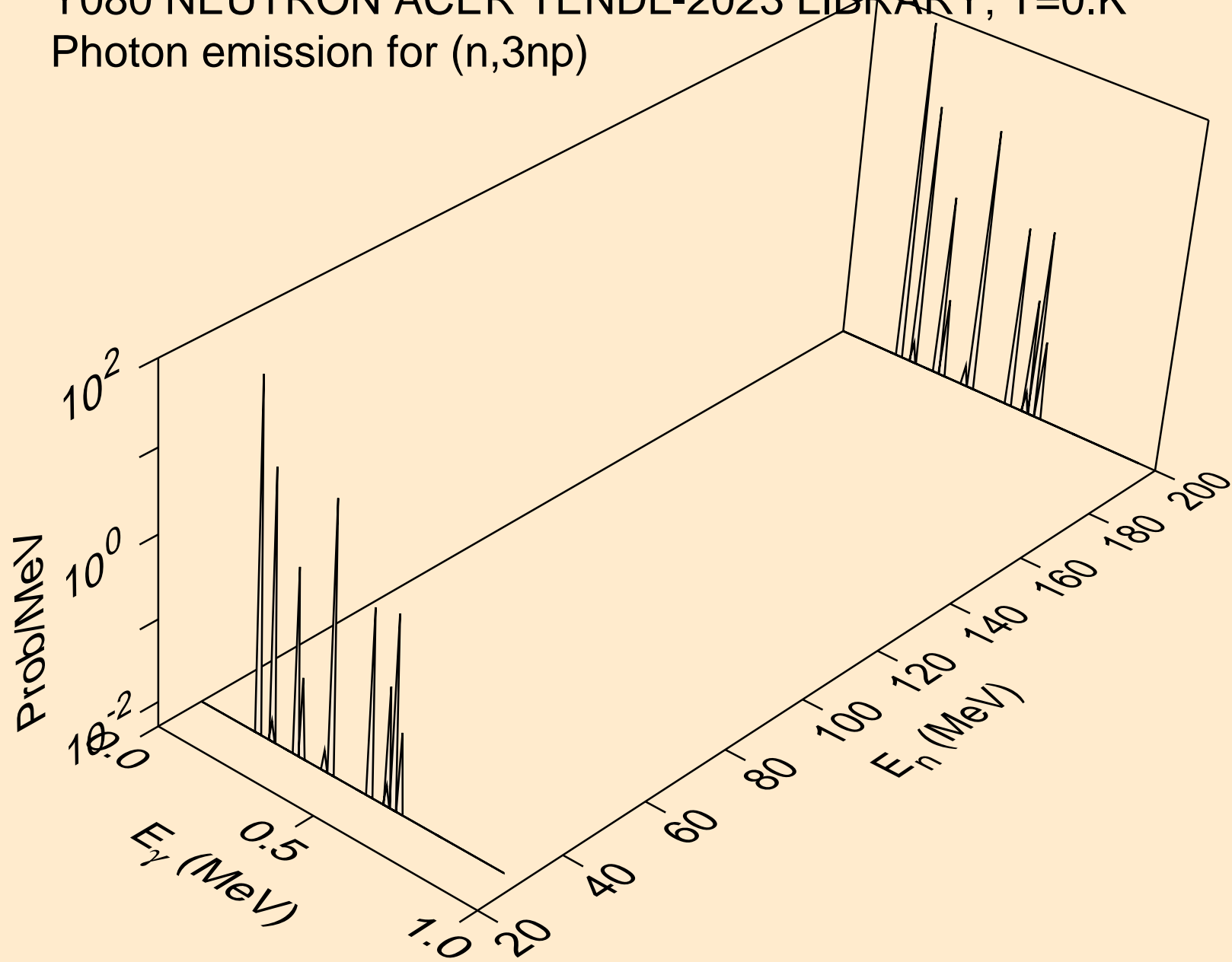


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

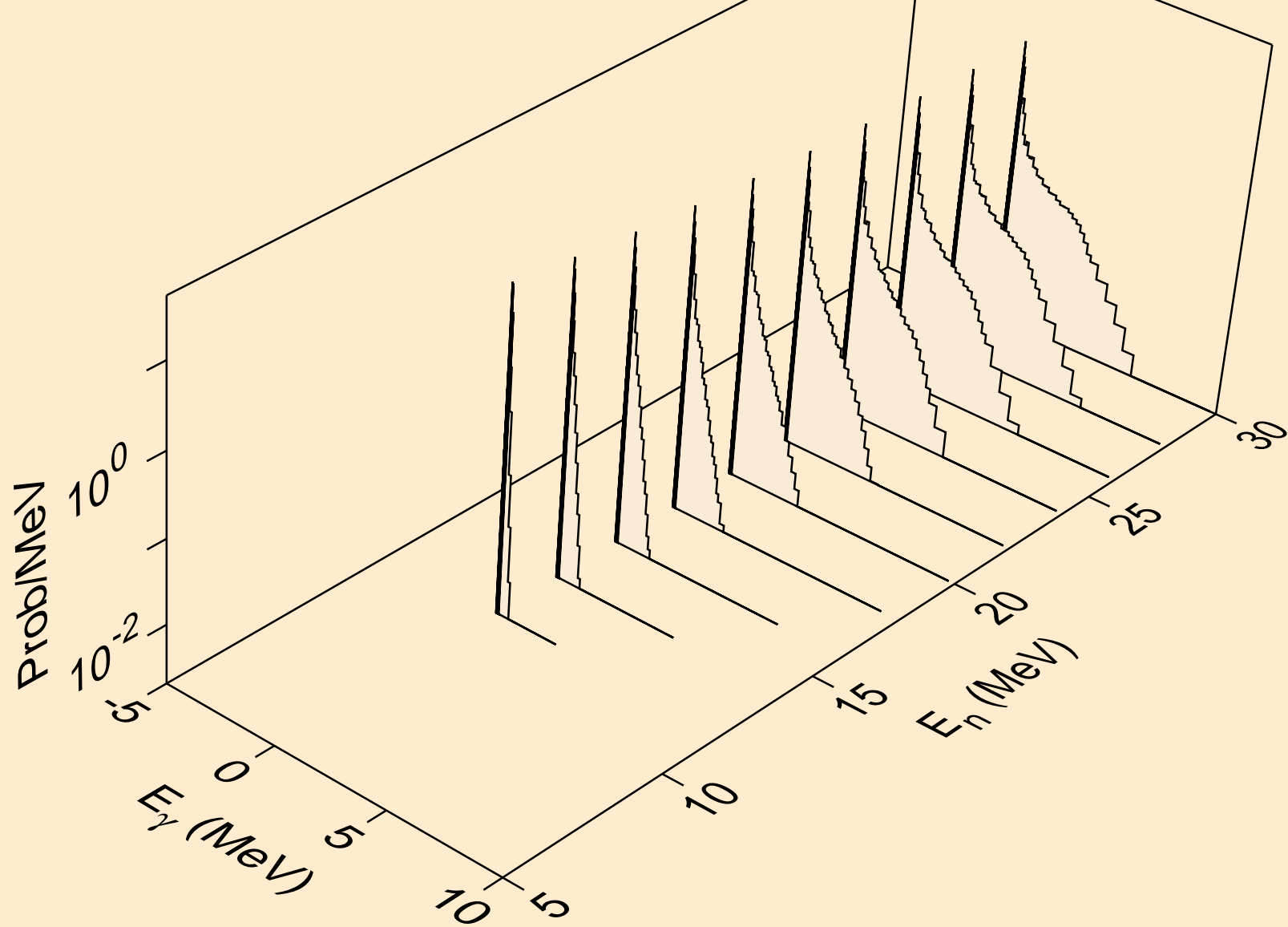




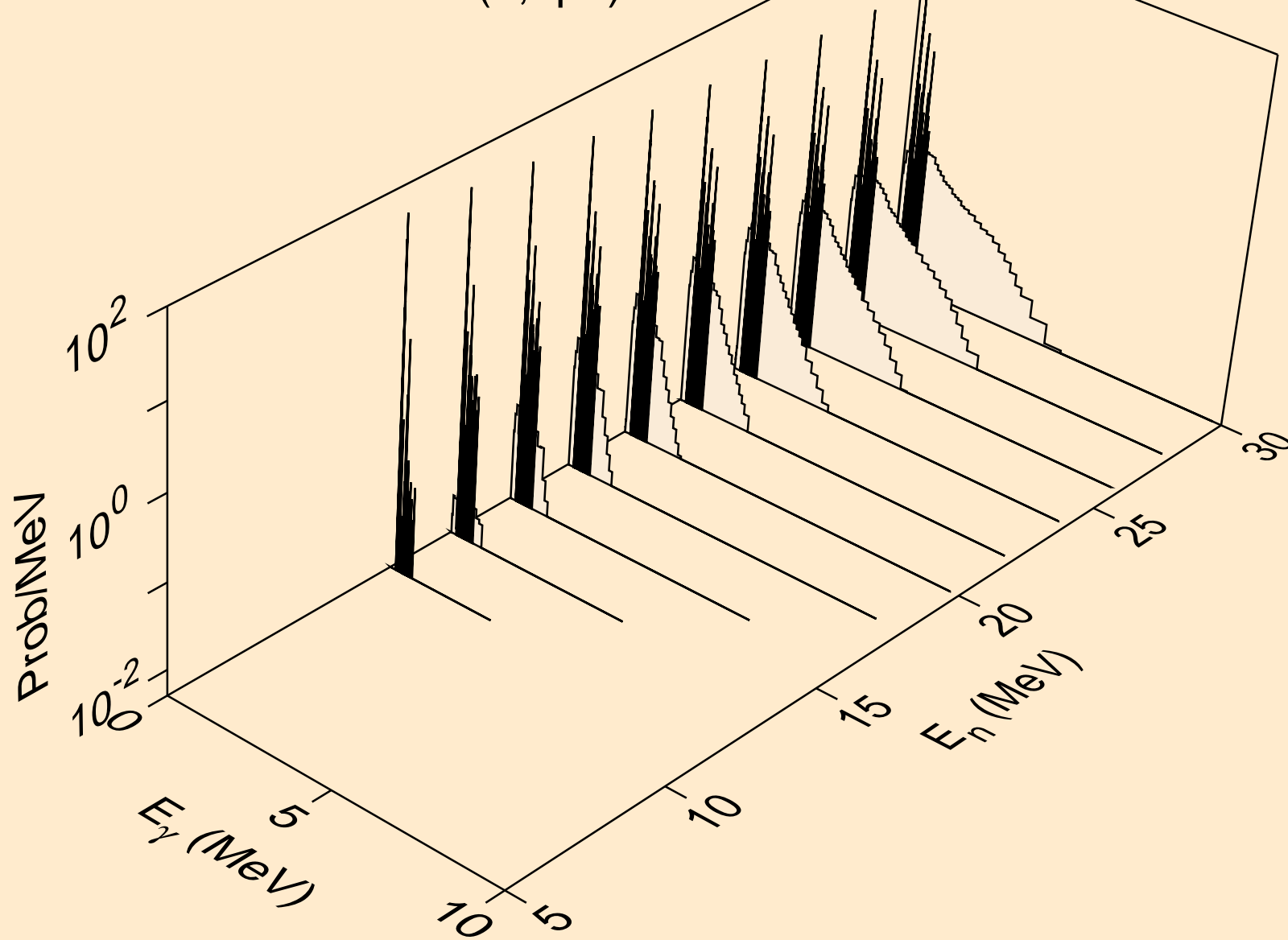
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Photon emission for (n,3np)



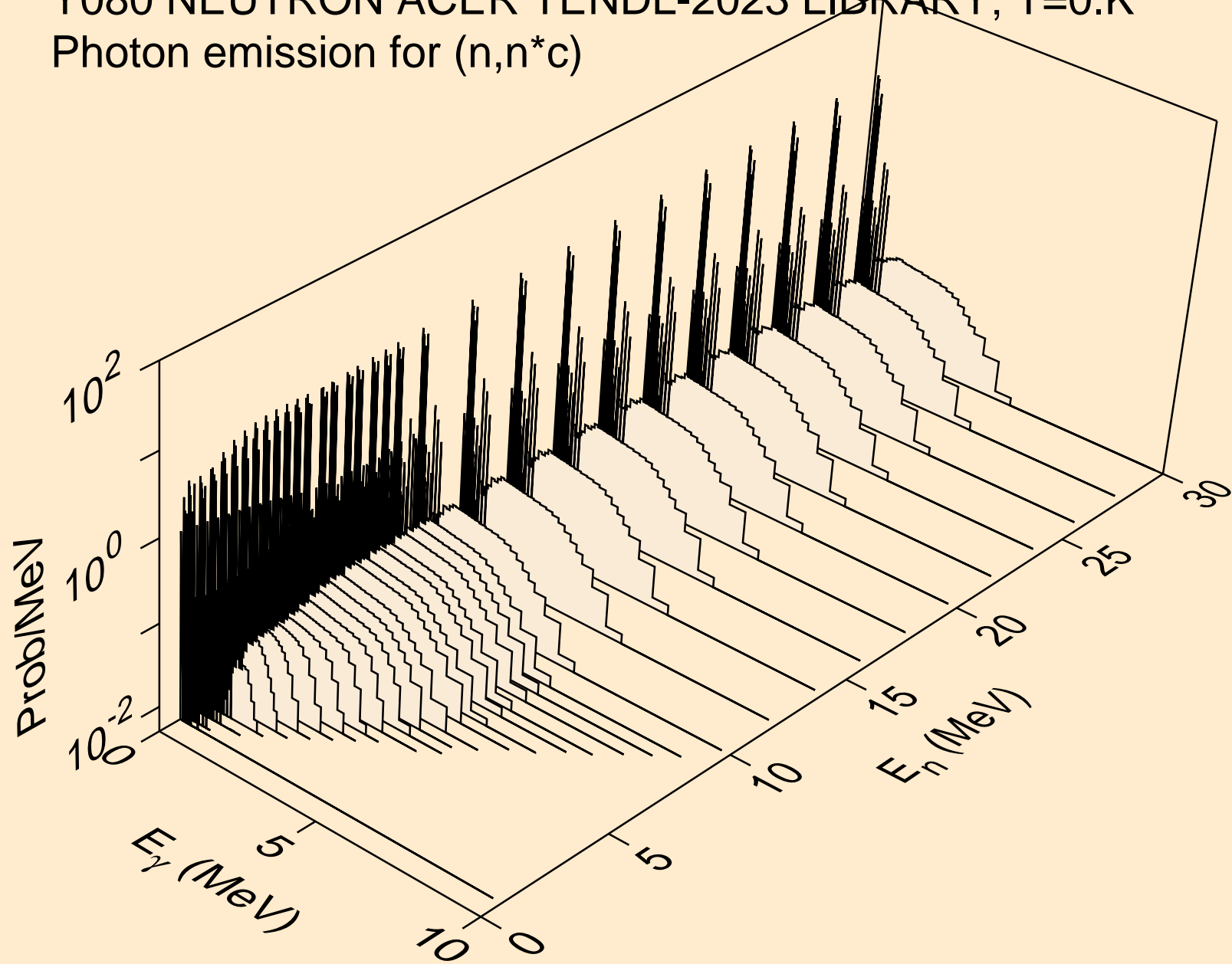
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Photon emission for (n,n2p)



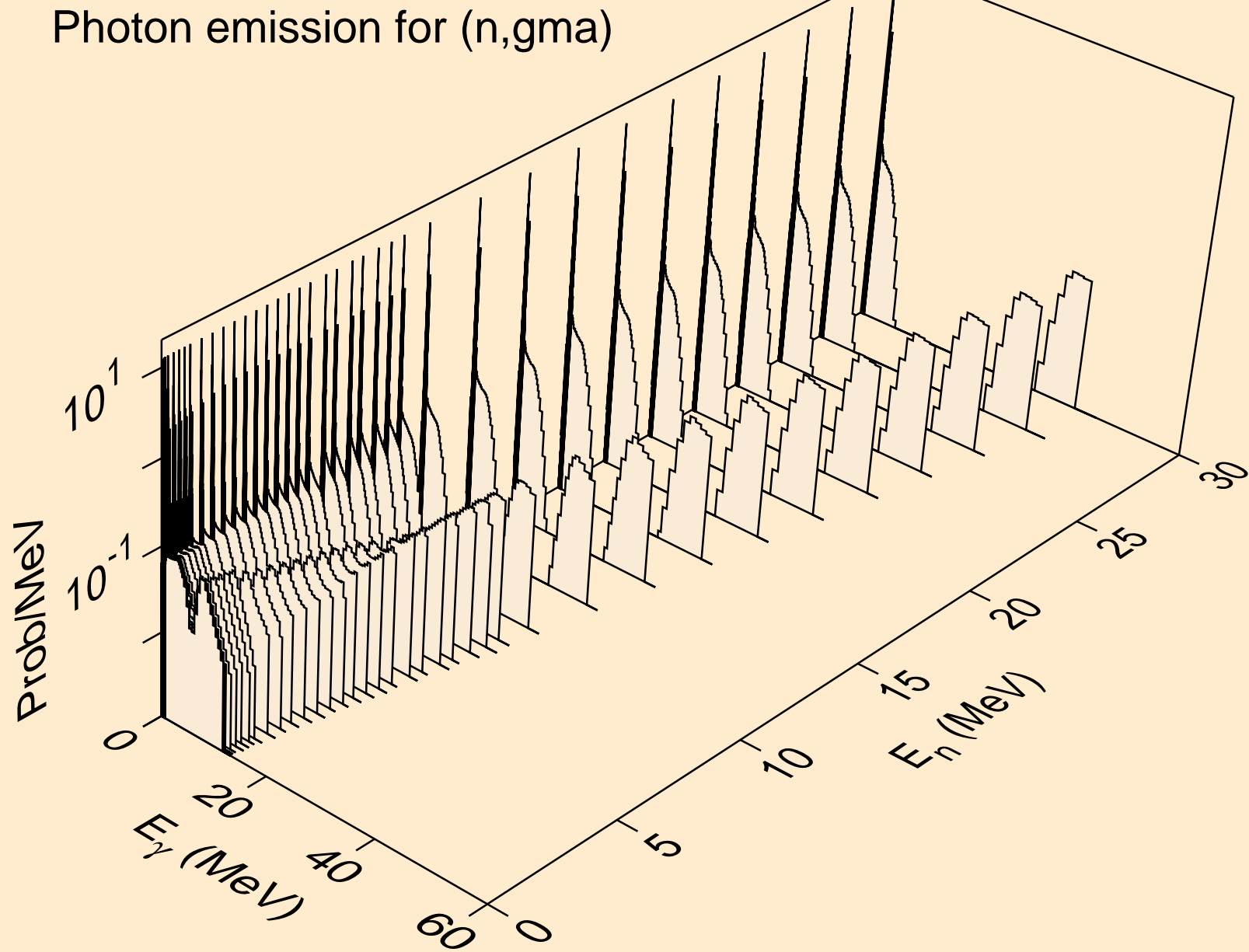
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



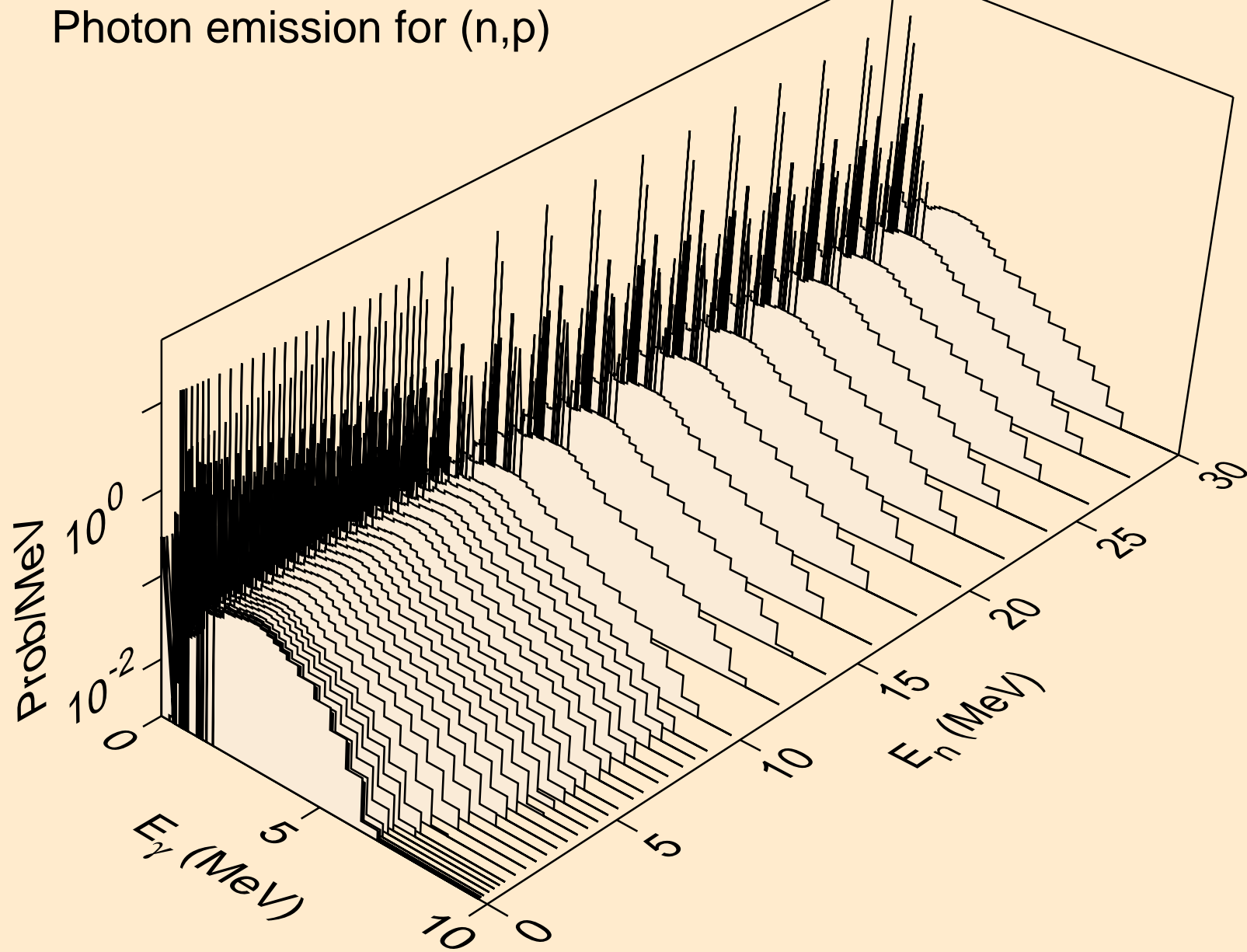
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



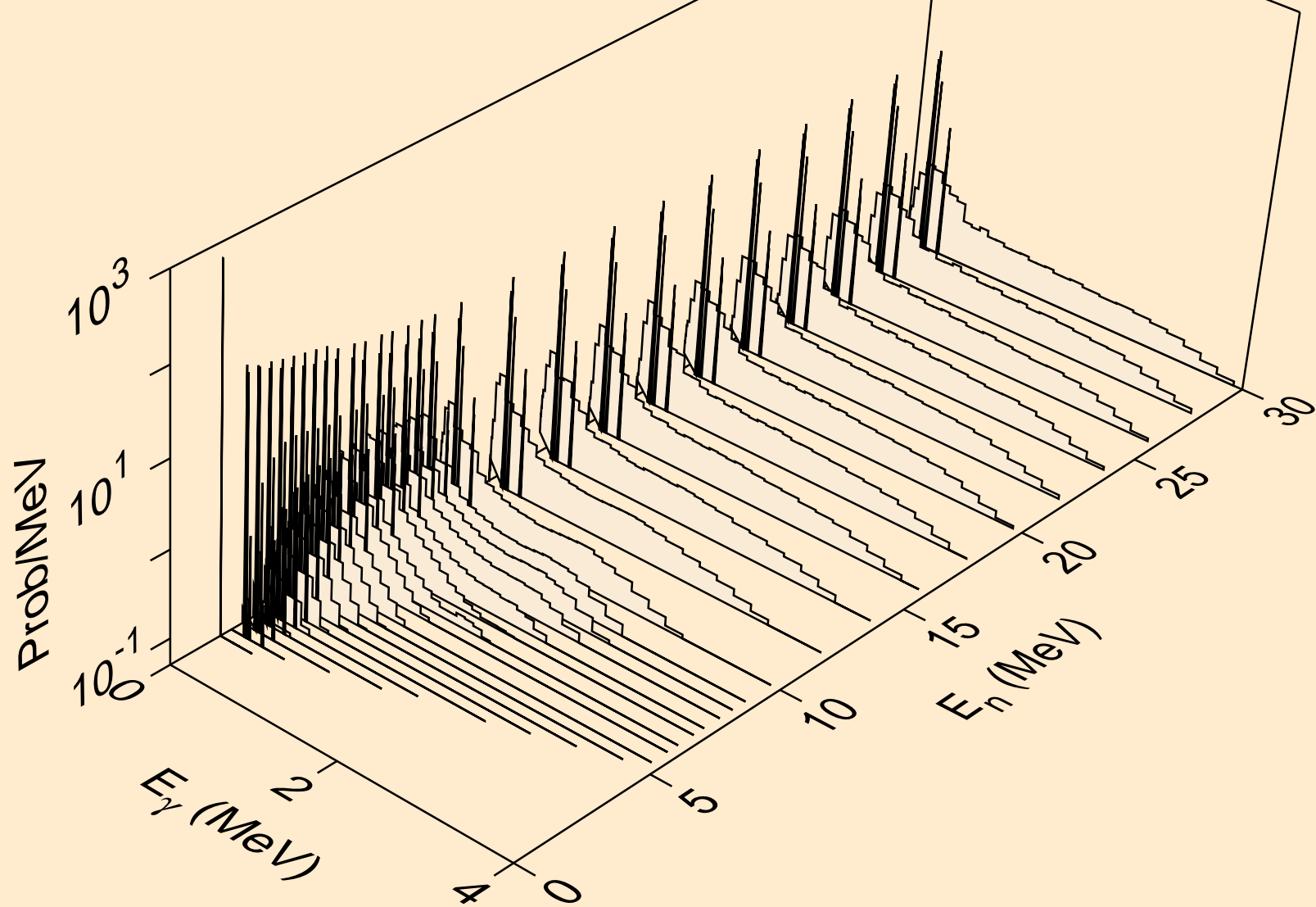
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Photon emission for (n,gma)



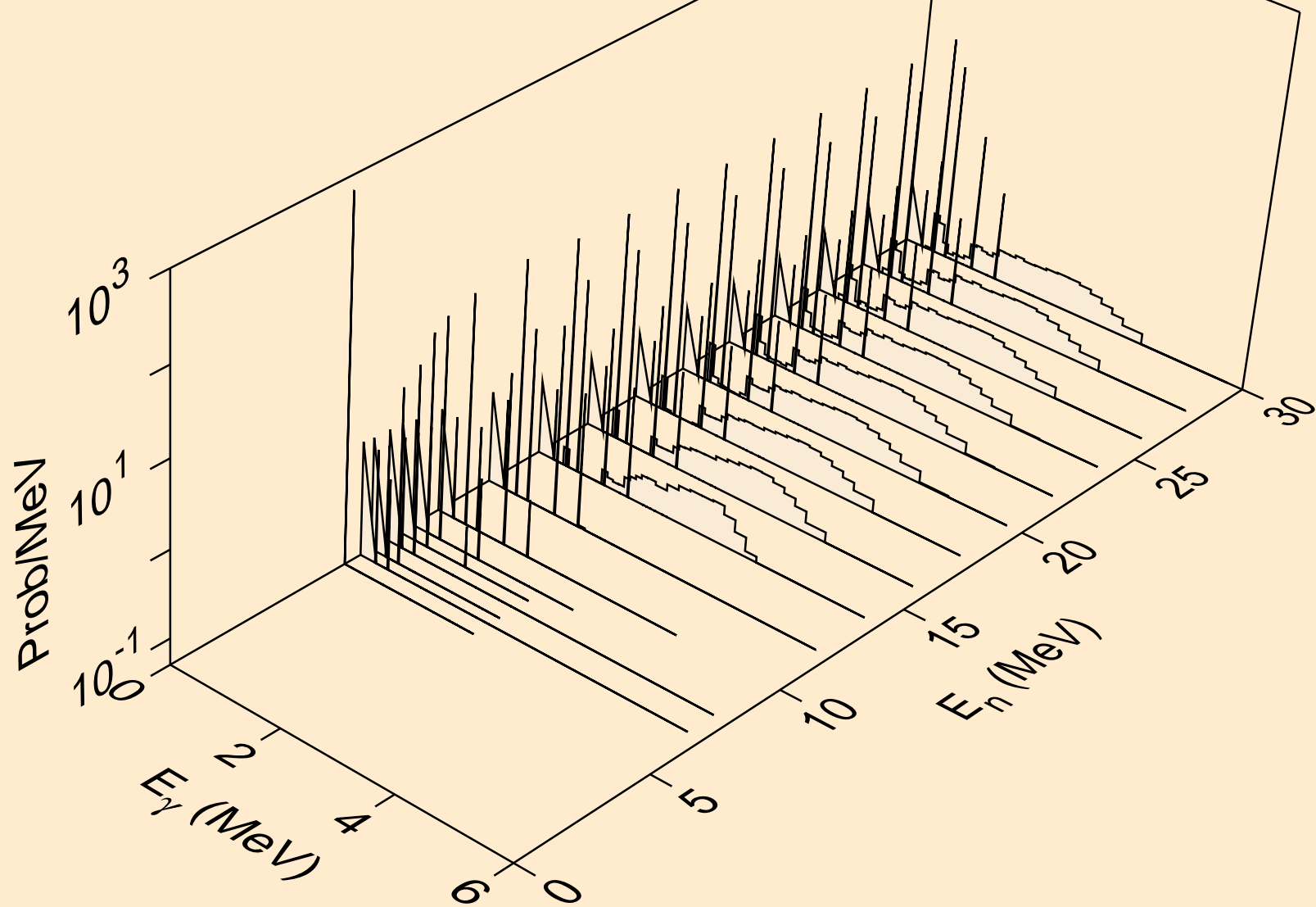
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

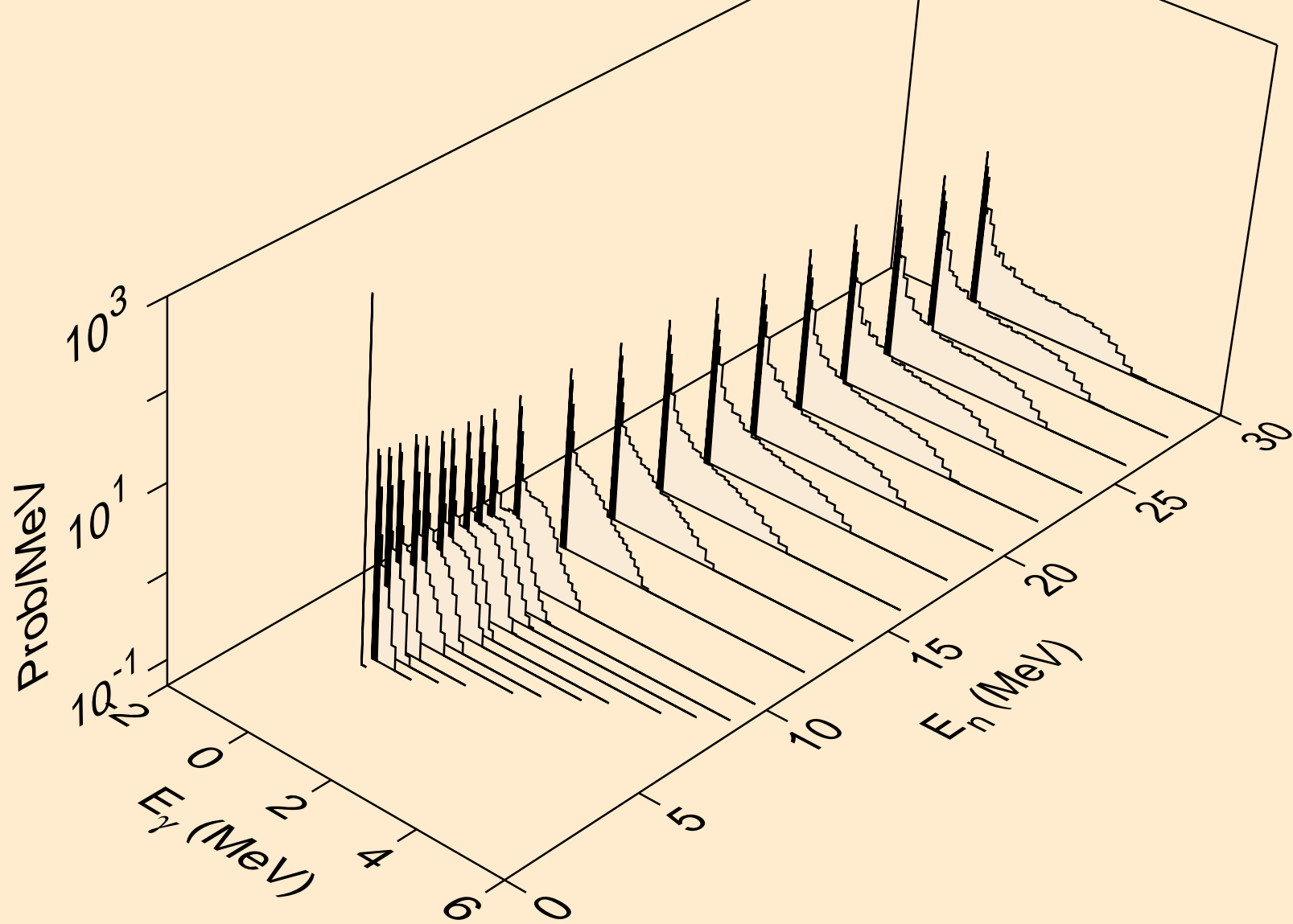


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Photon emission for (n,t)

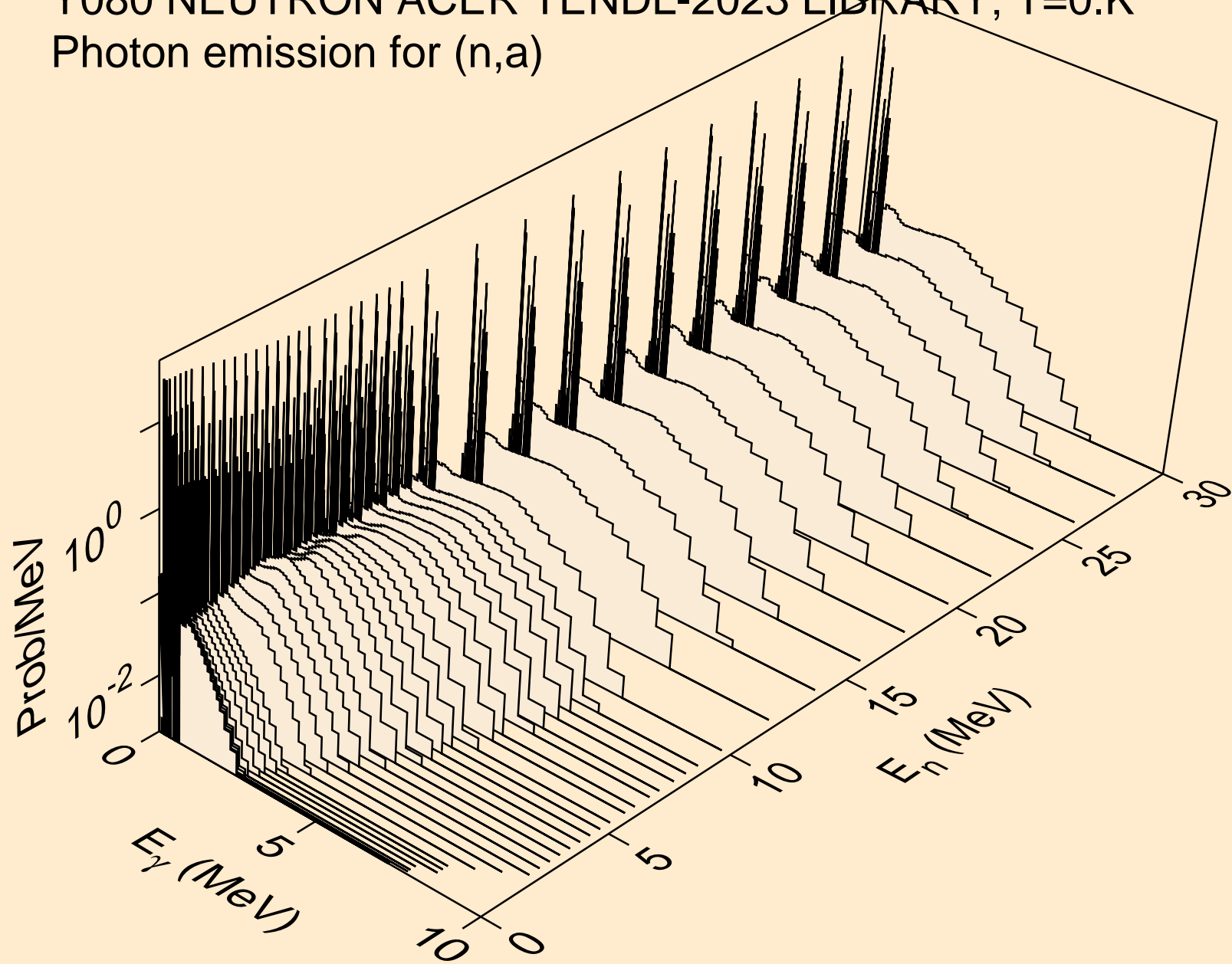




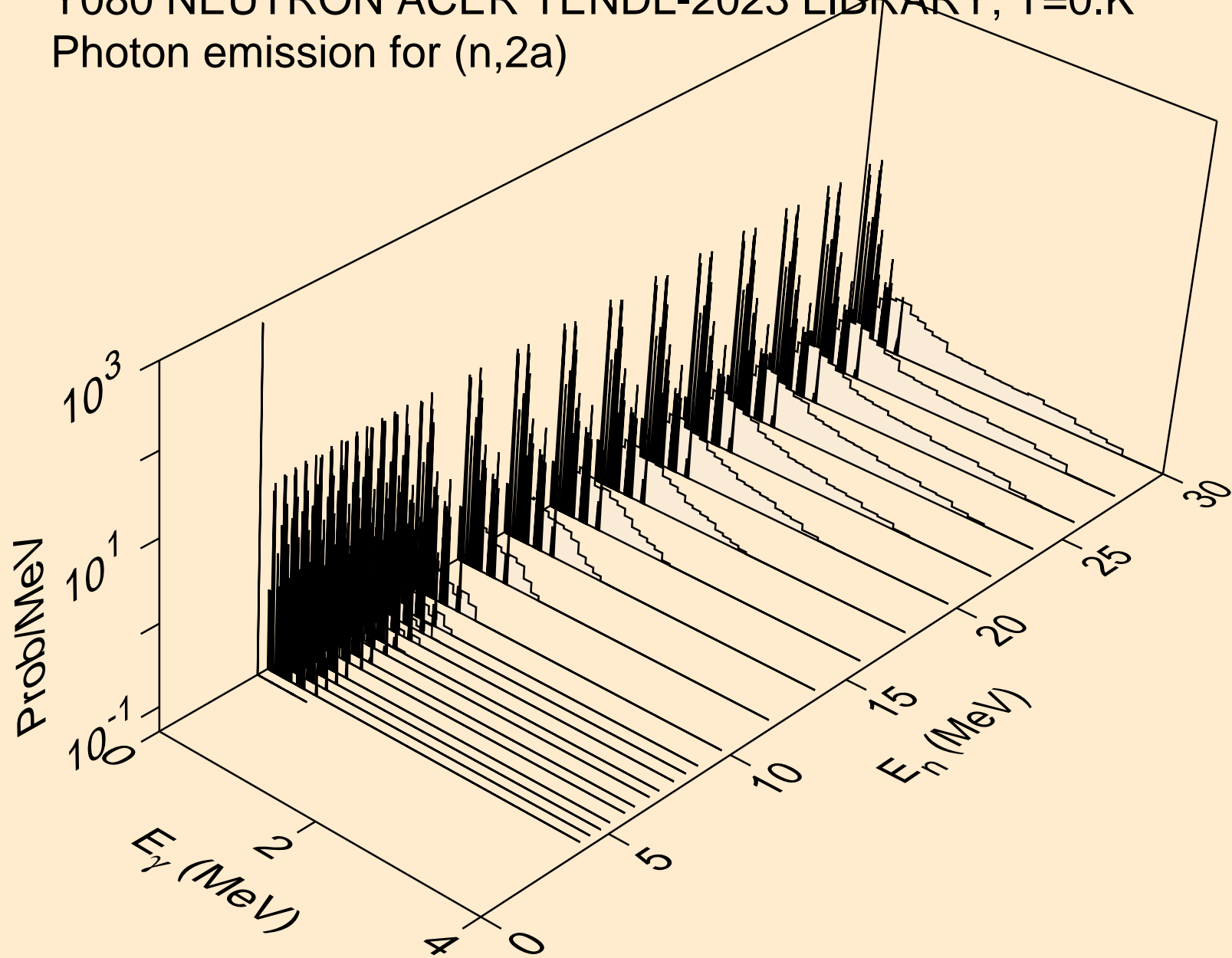
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Photon emission for (n,he3)



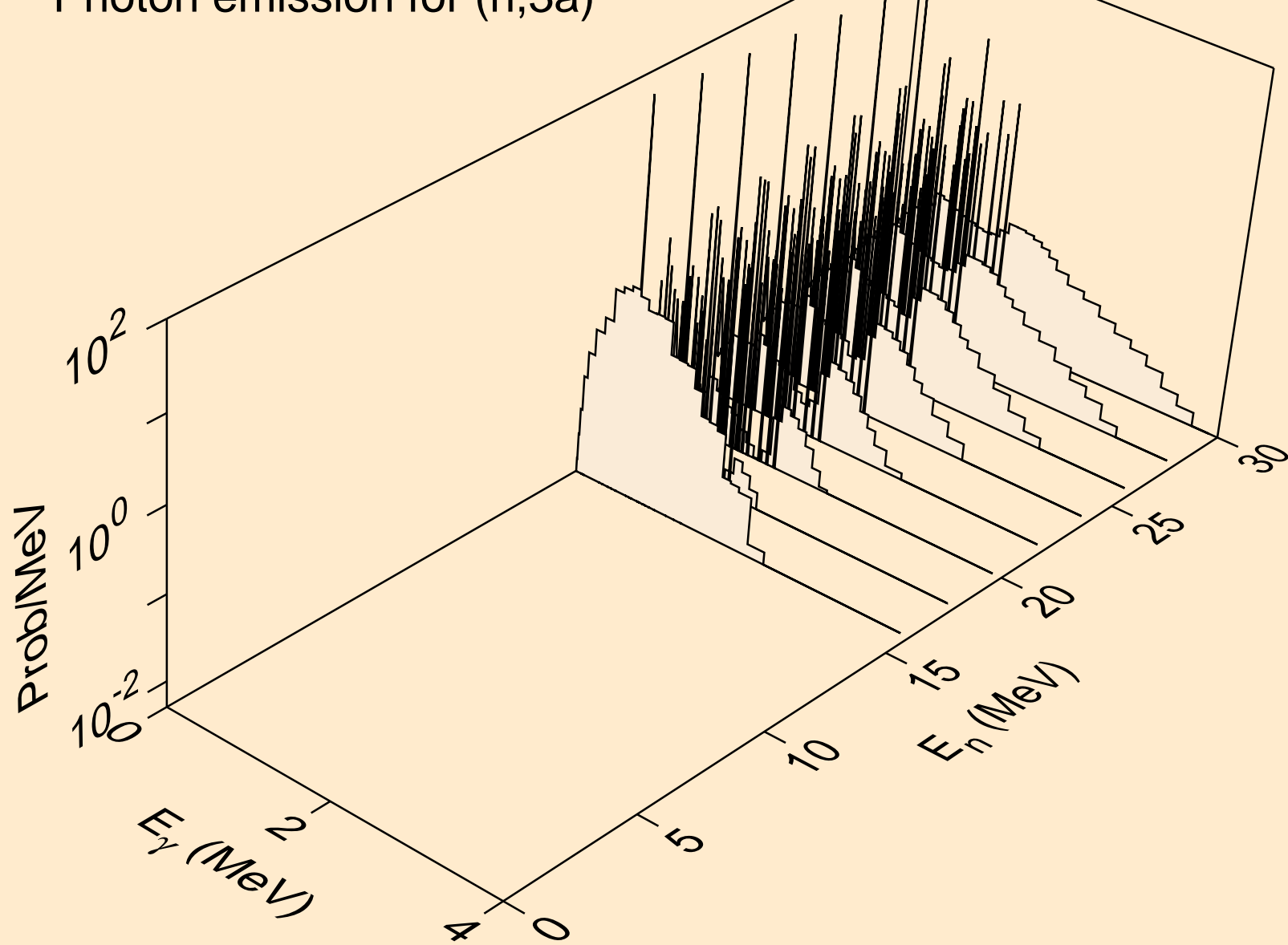
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Photon emission for (n,a)



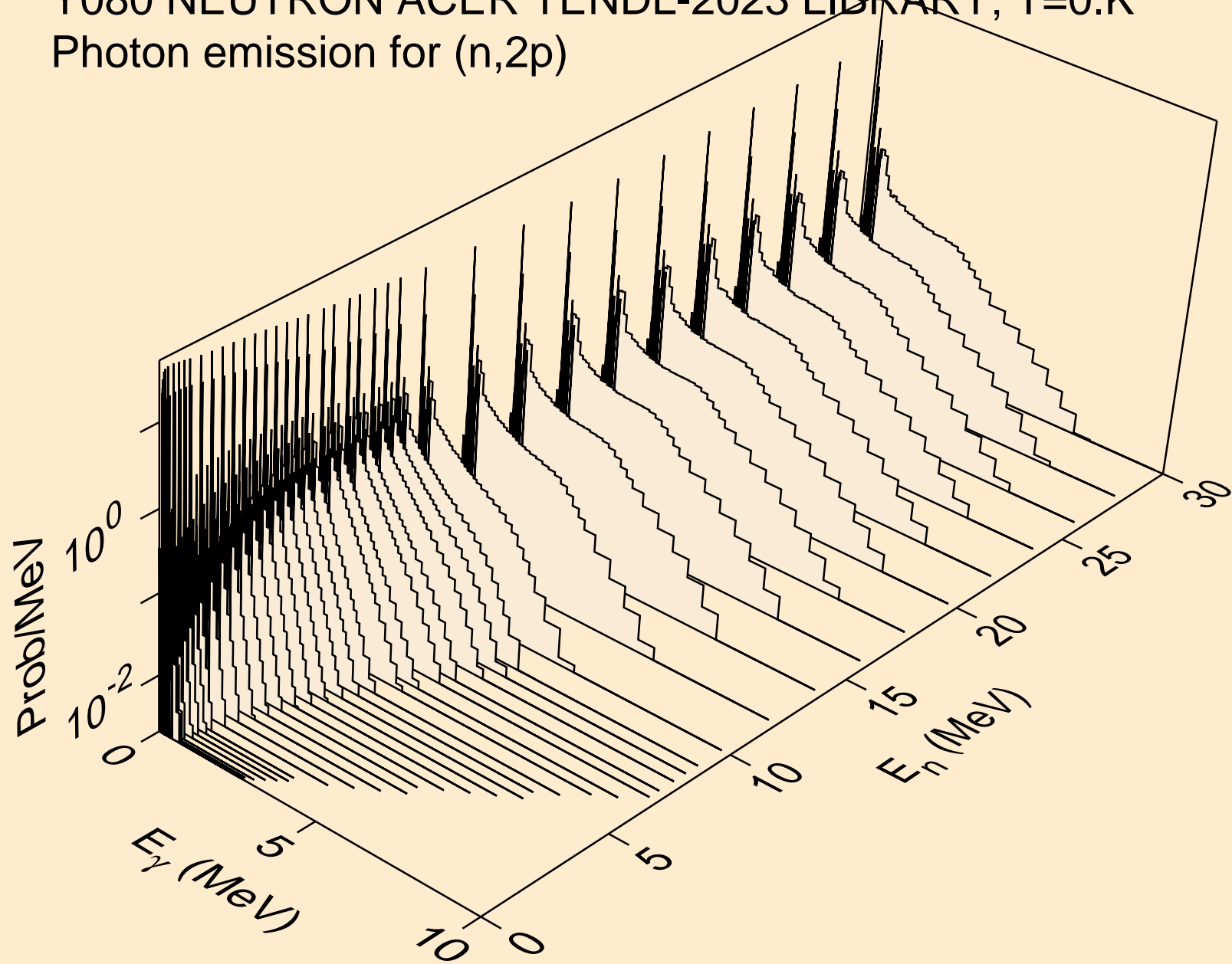
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



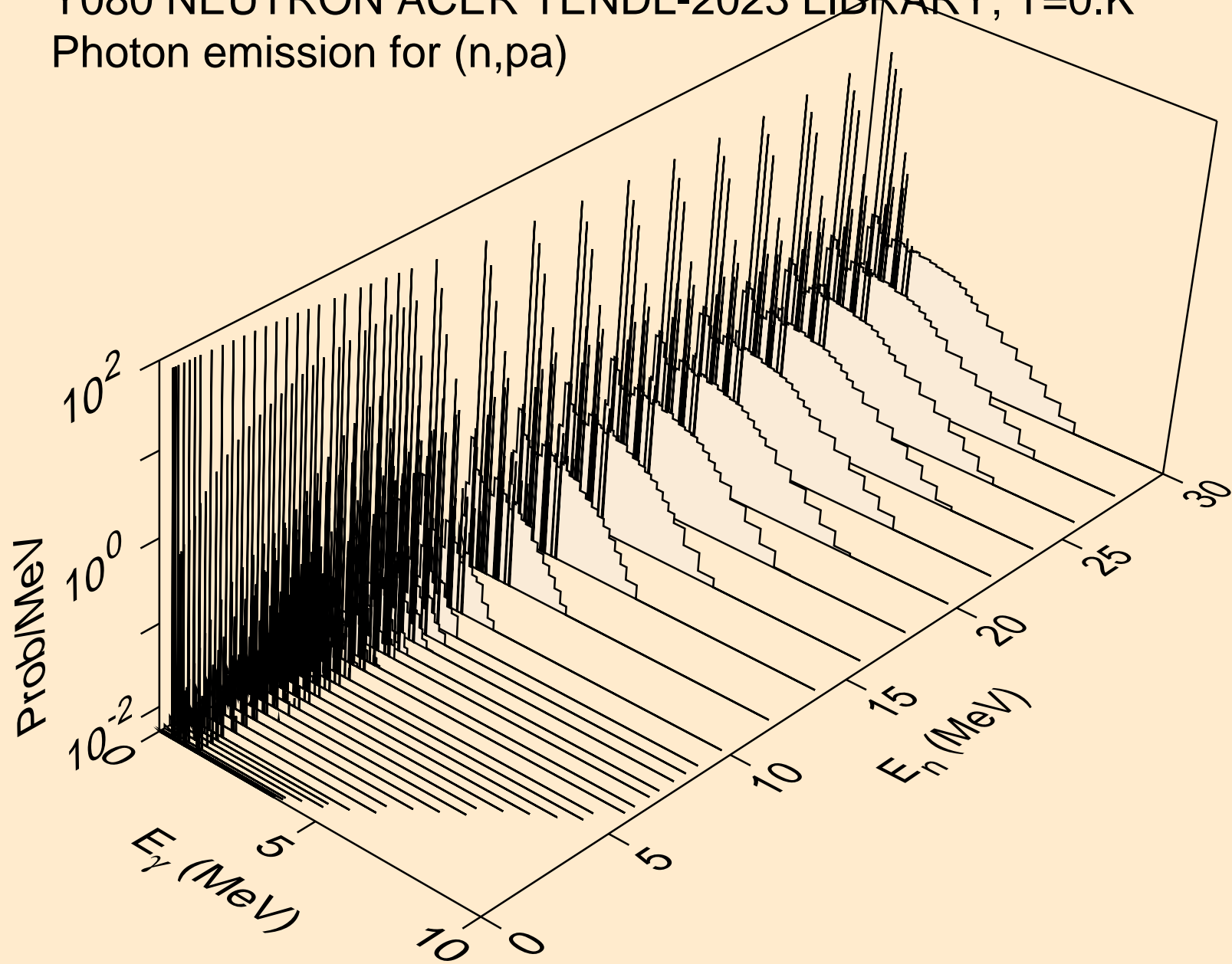
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Photon emission for (n,3a)



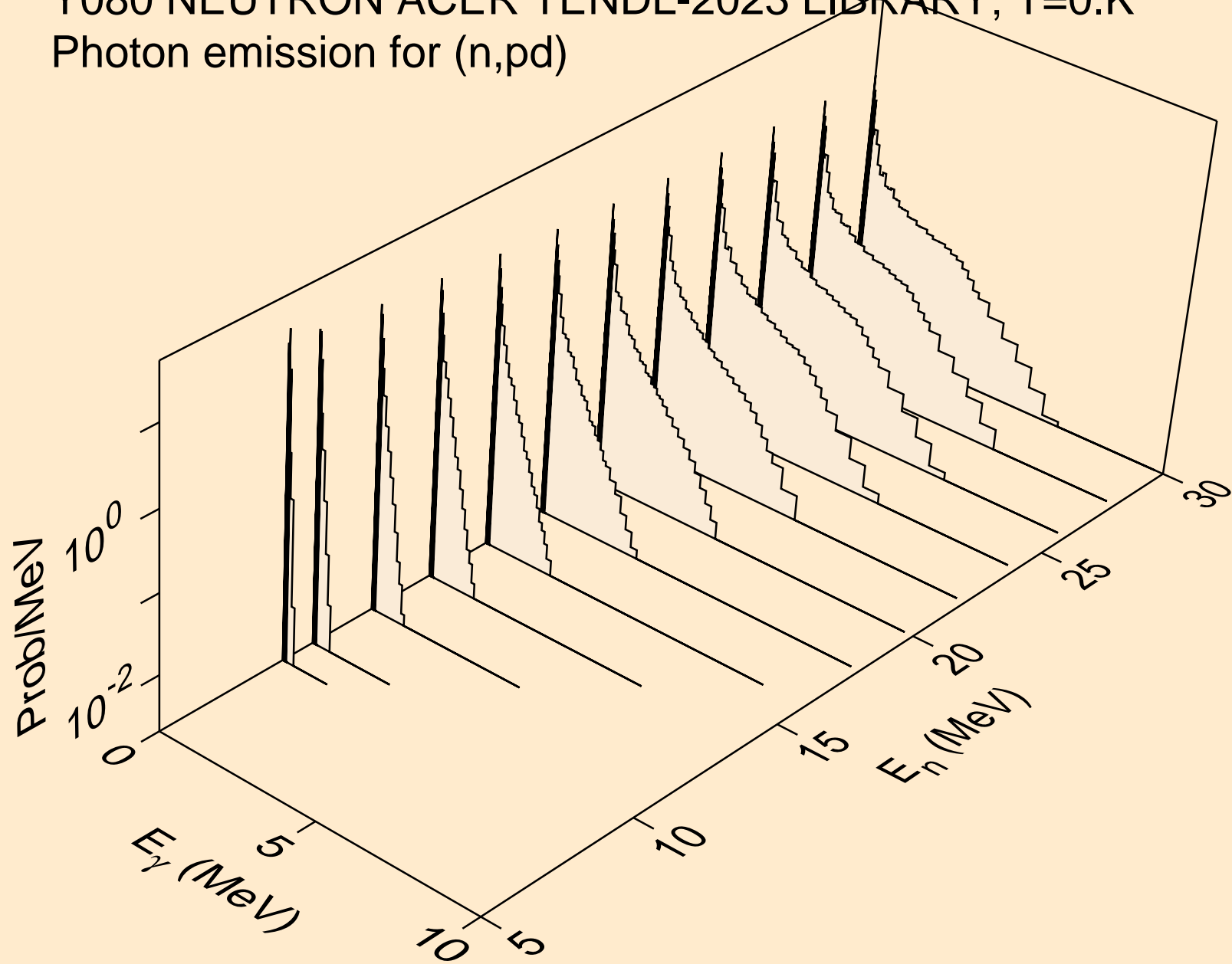
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Photon emission for (n,2p)



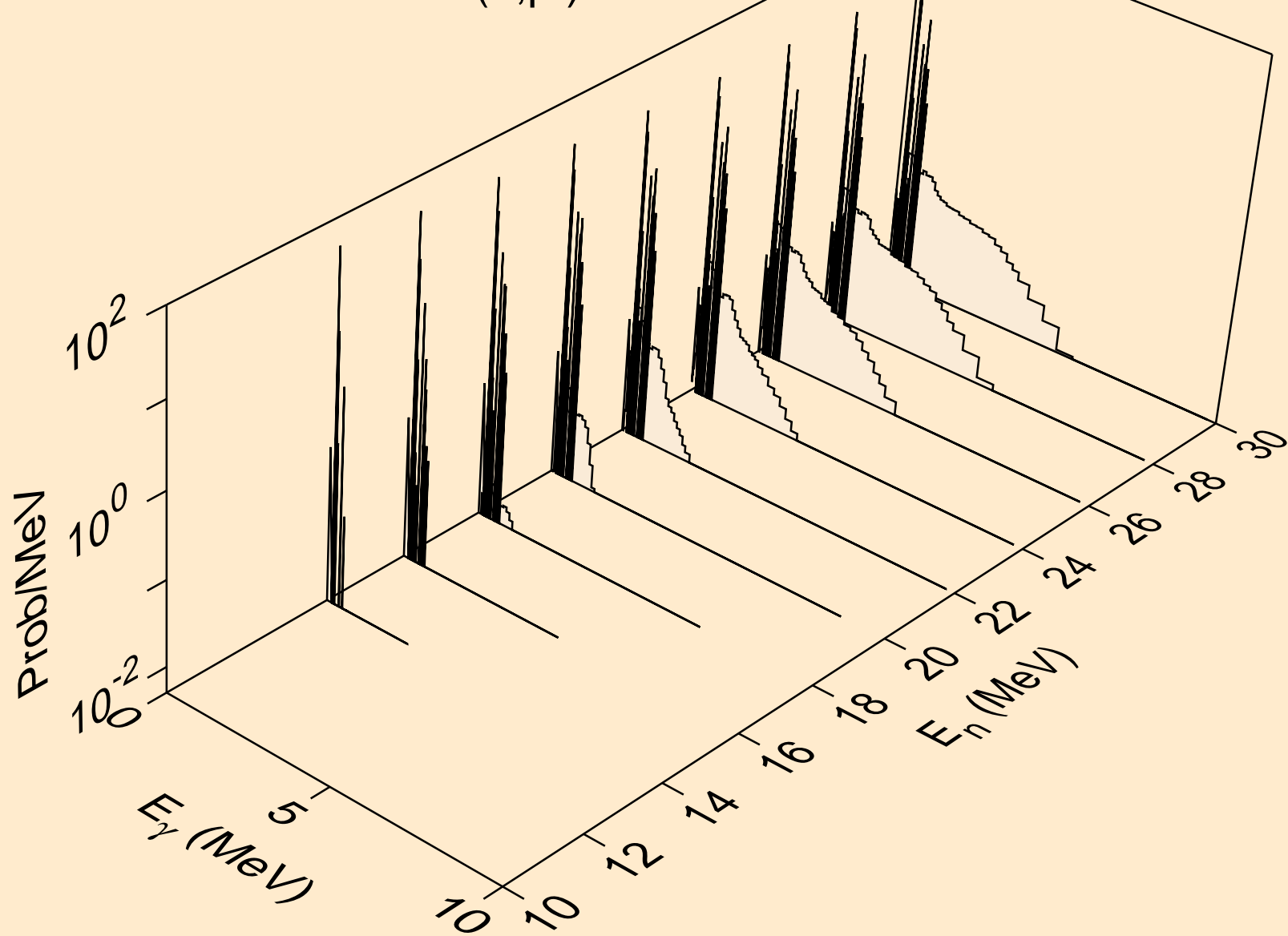
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

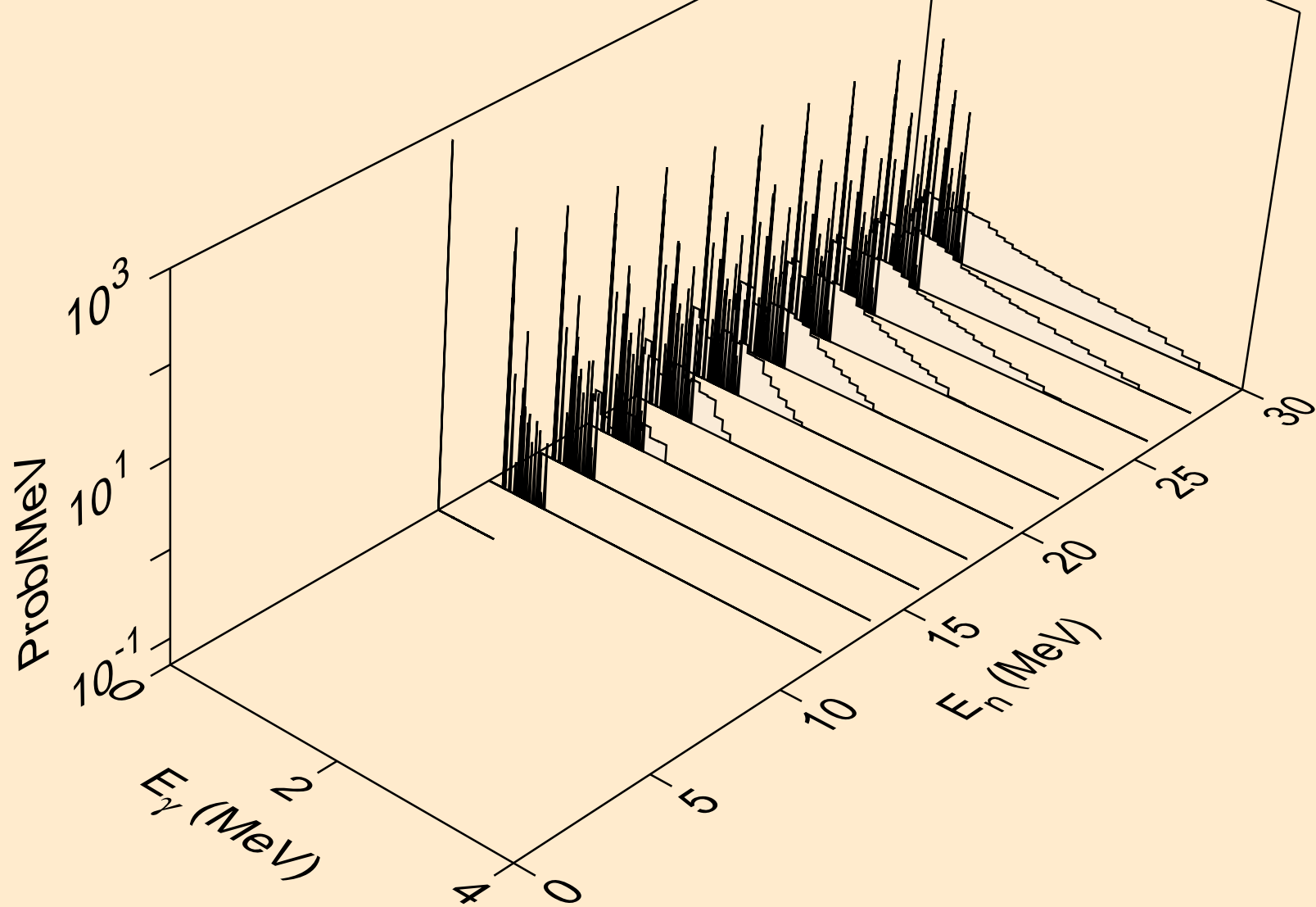


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

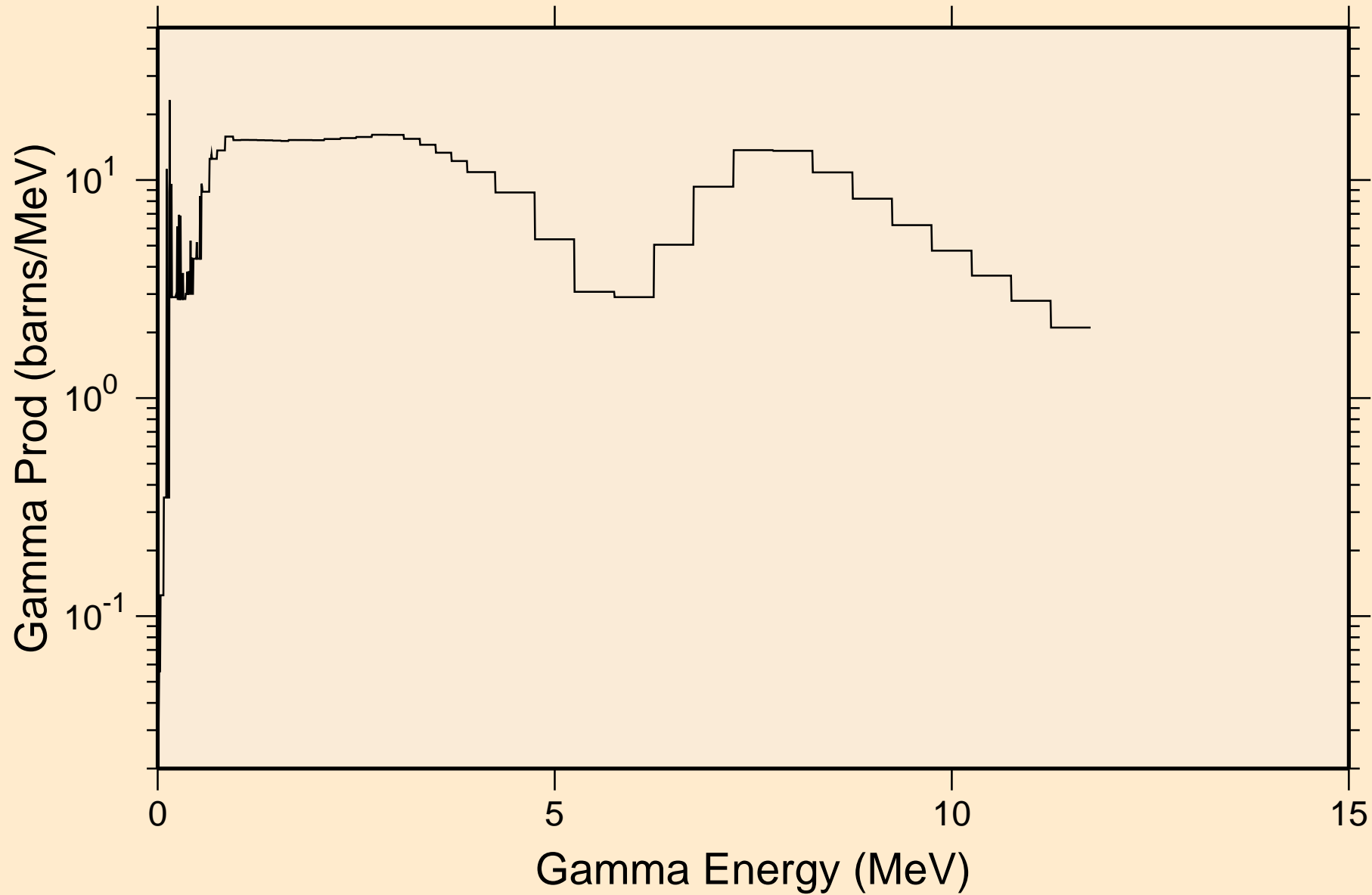




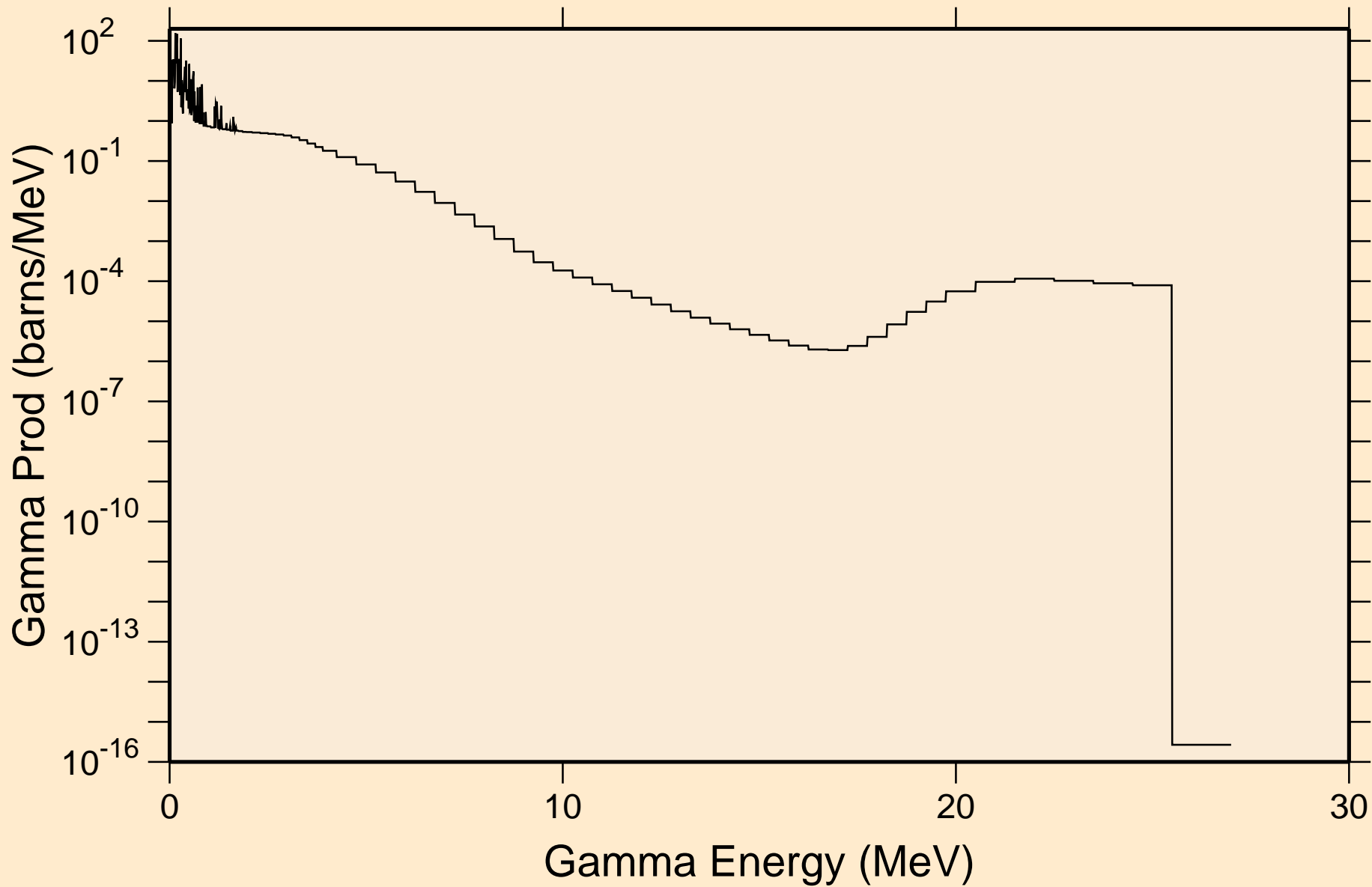
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Photon emission for (n,da)



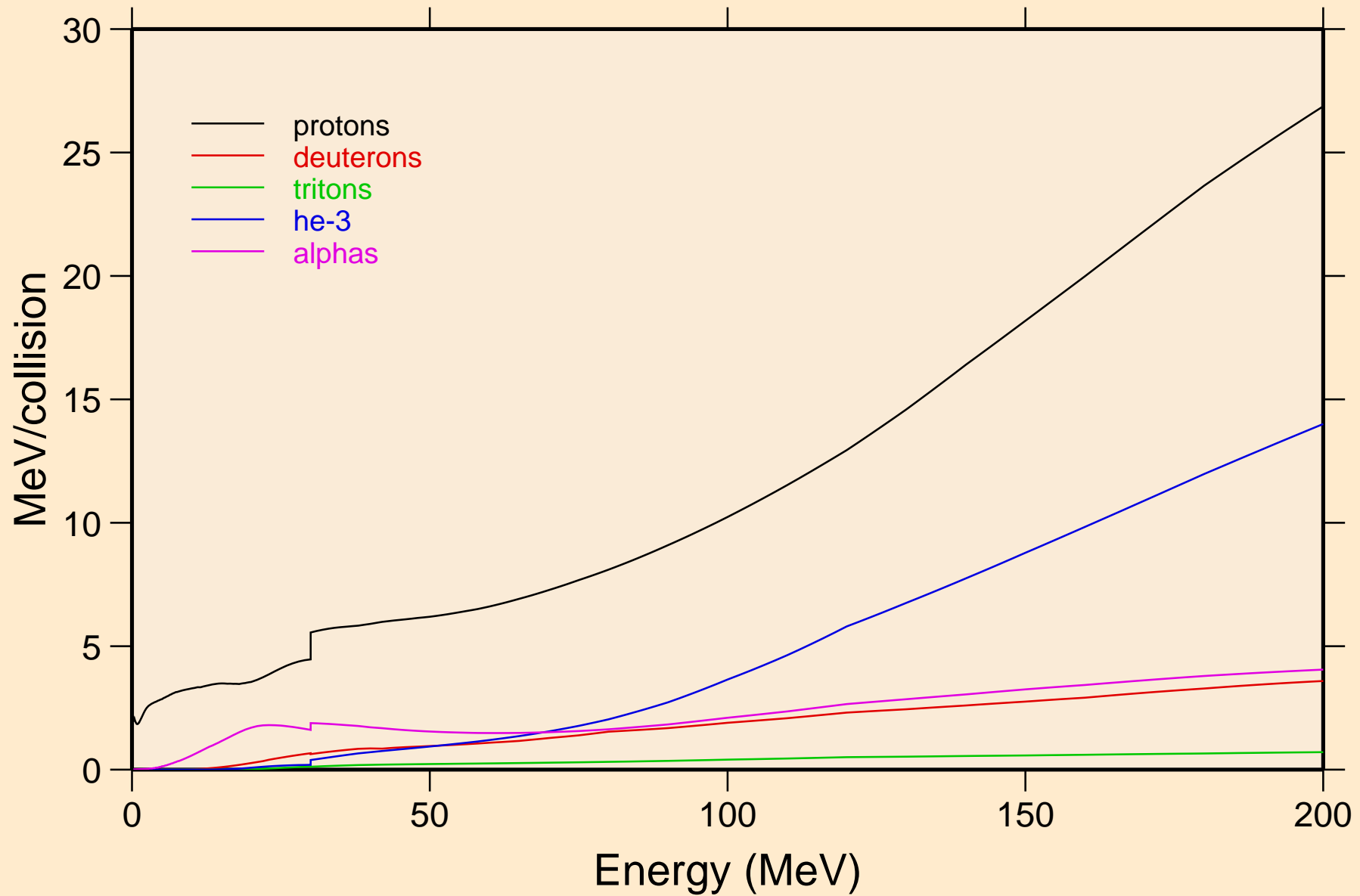
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



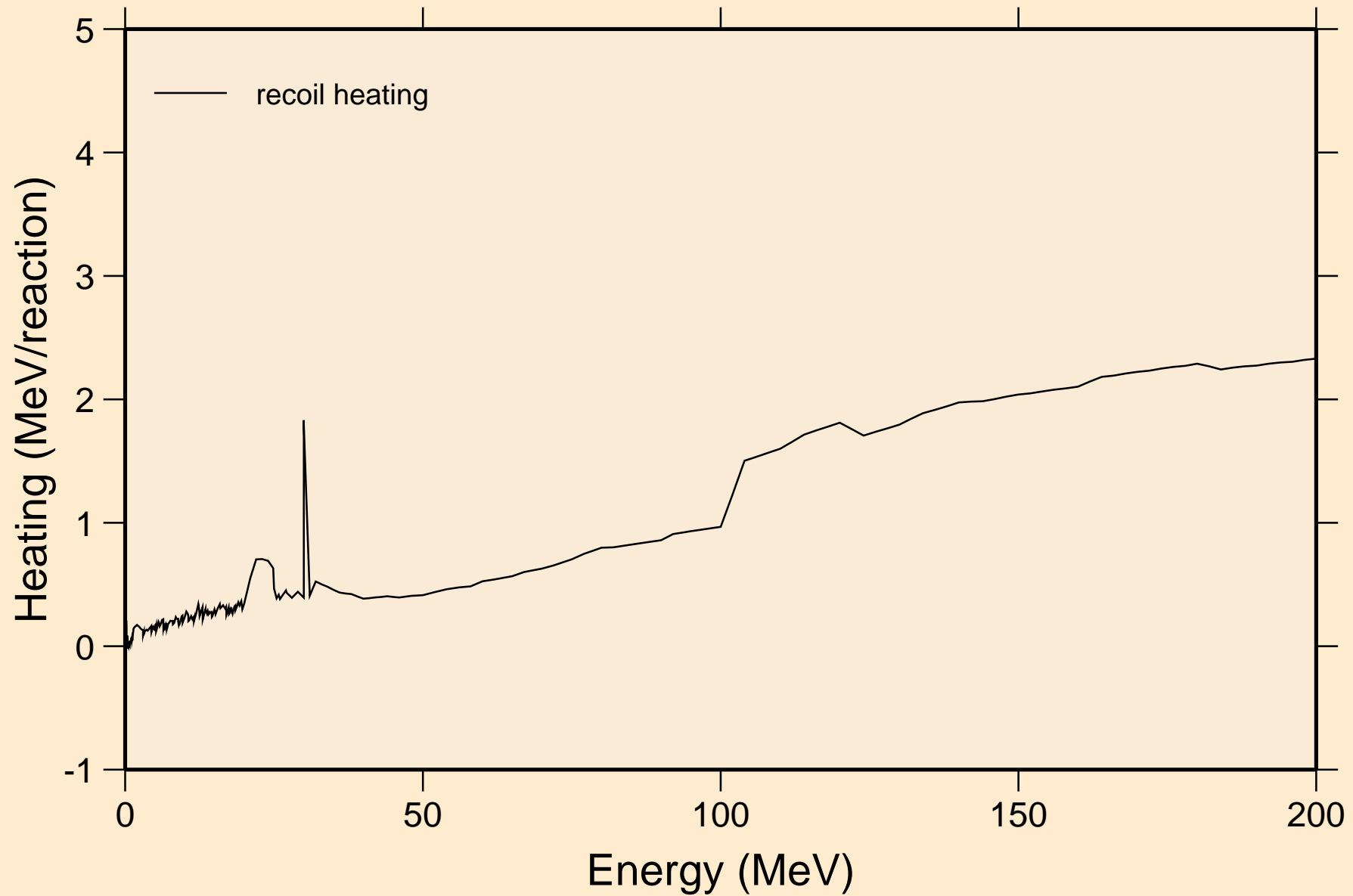
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

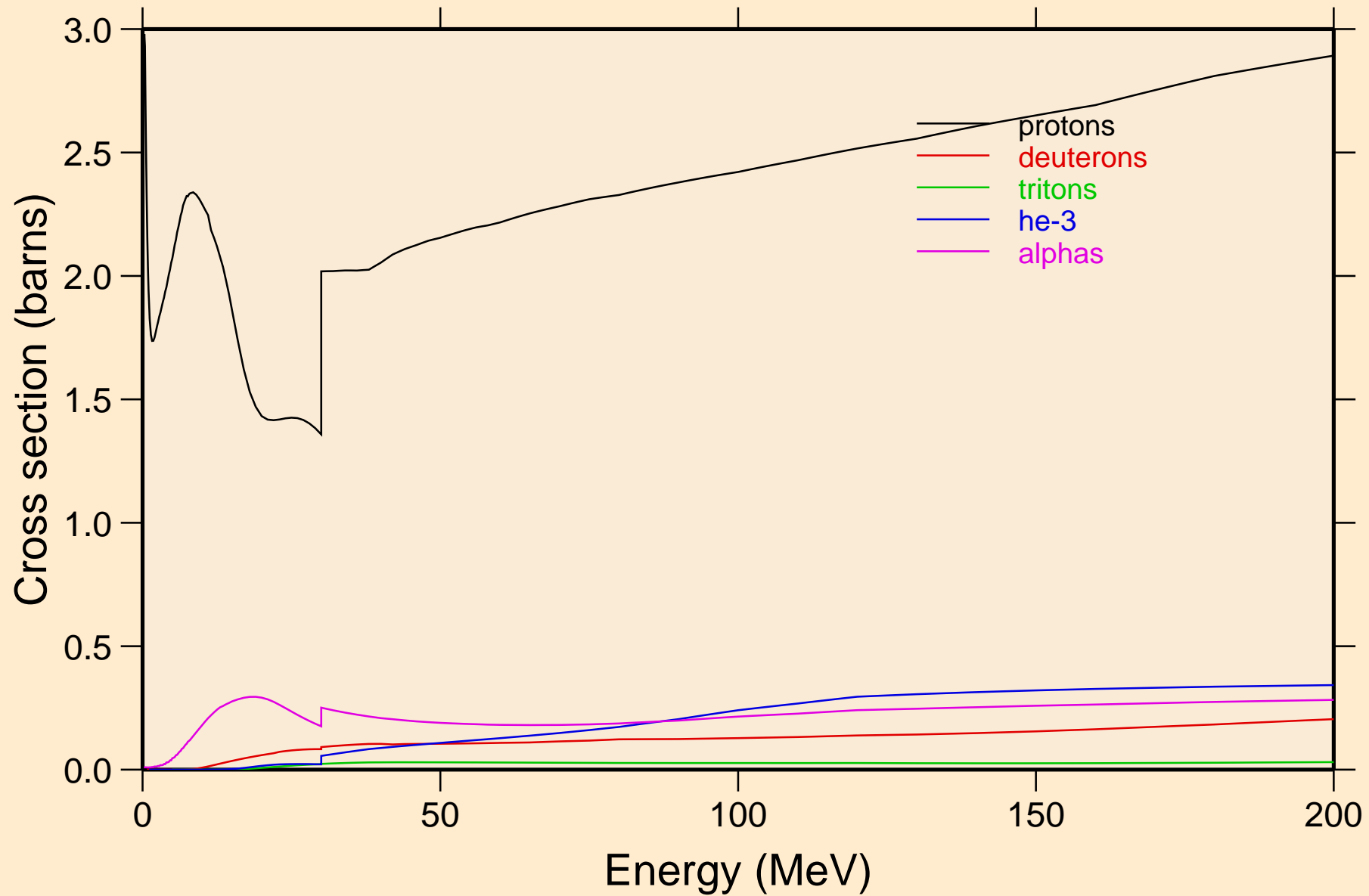


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

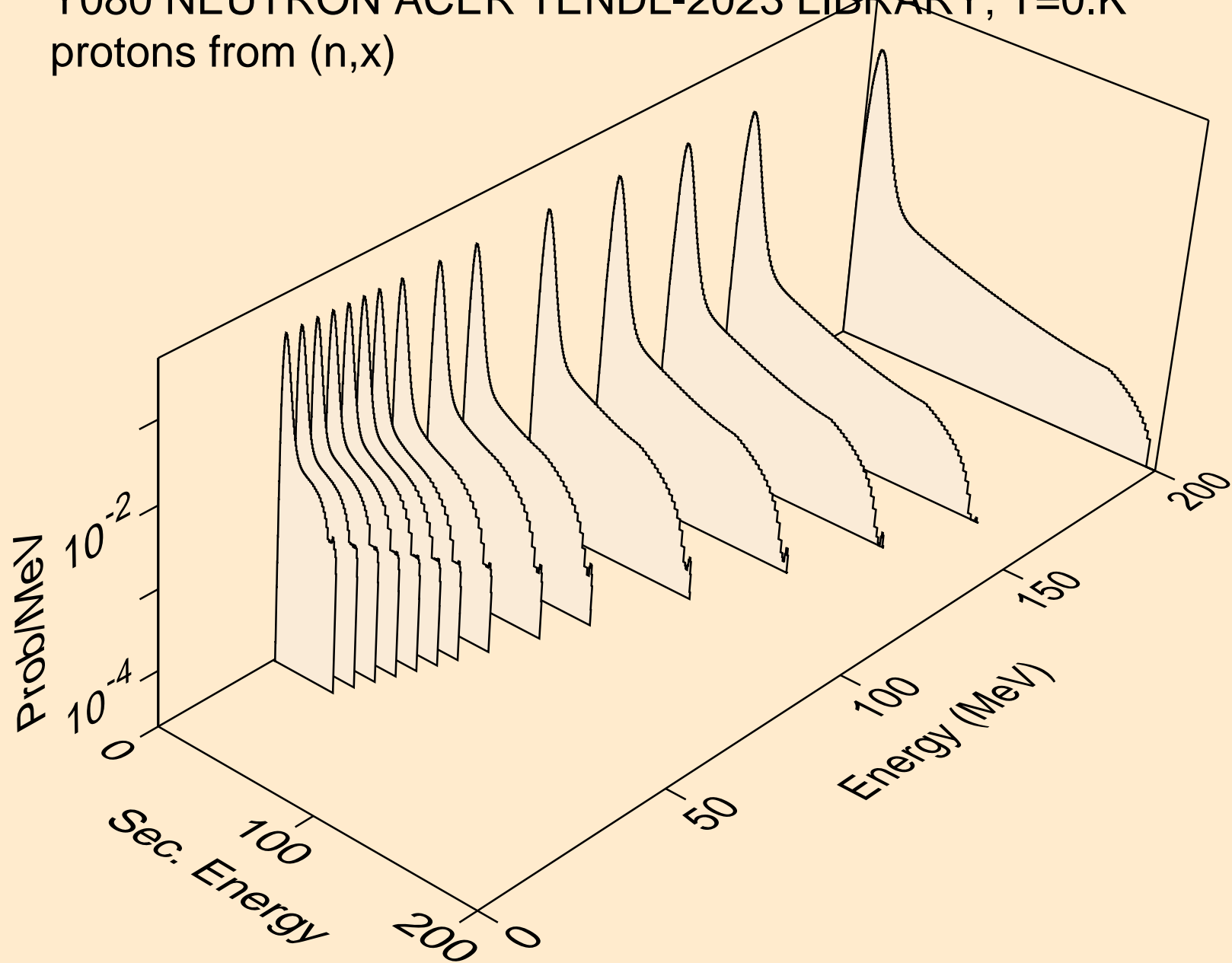


# Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

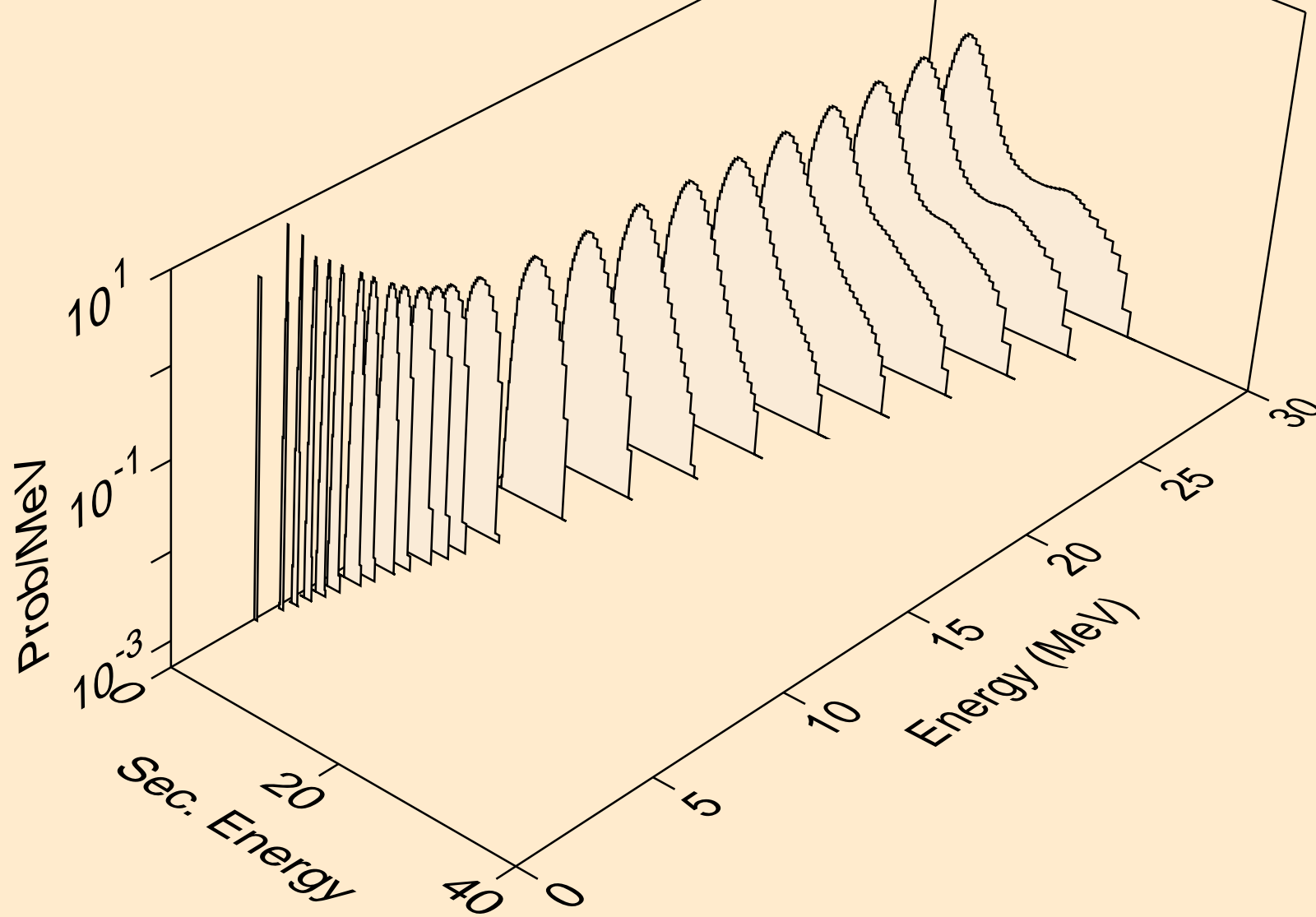
## Particle production cross sections



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

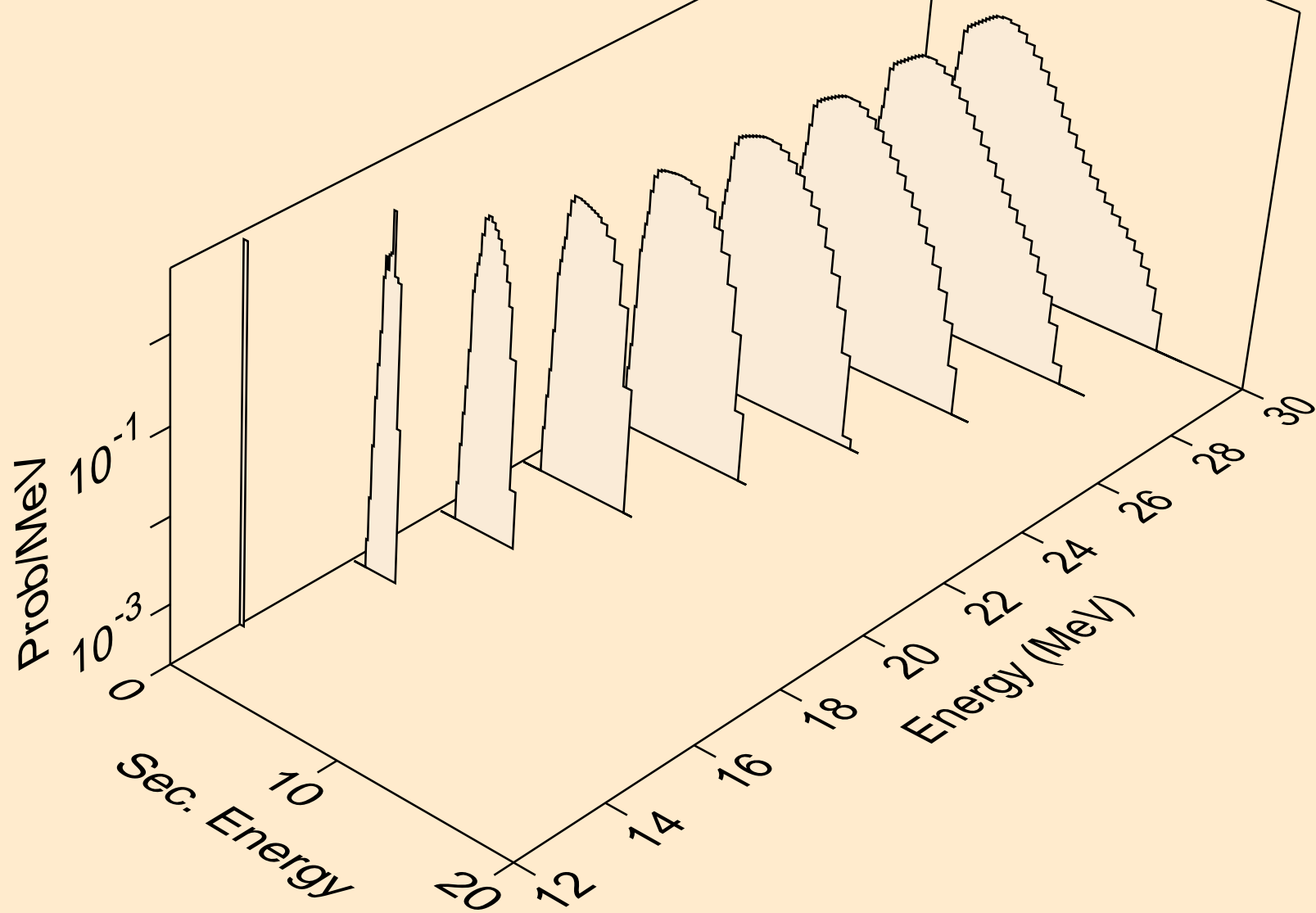


Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

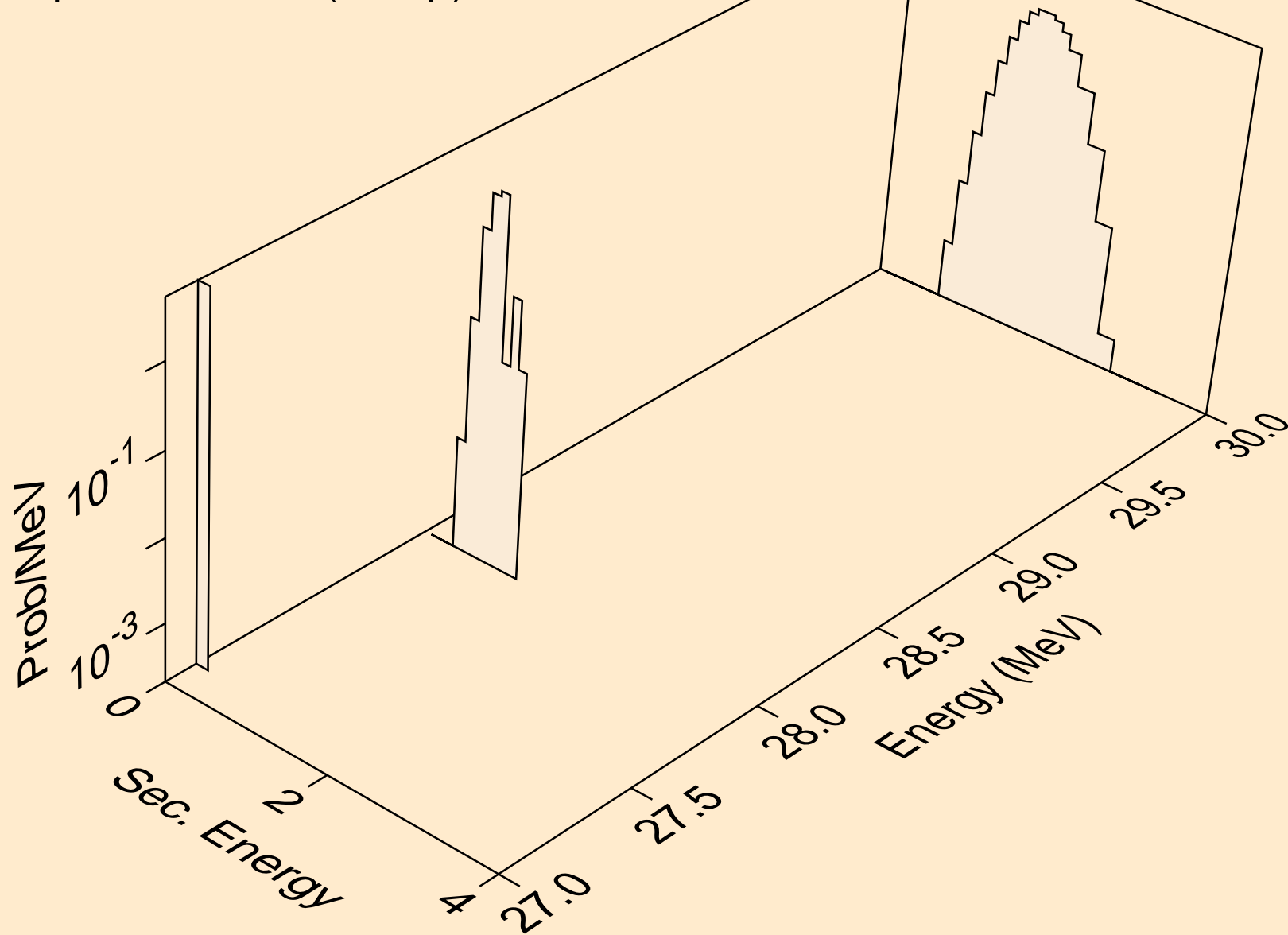




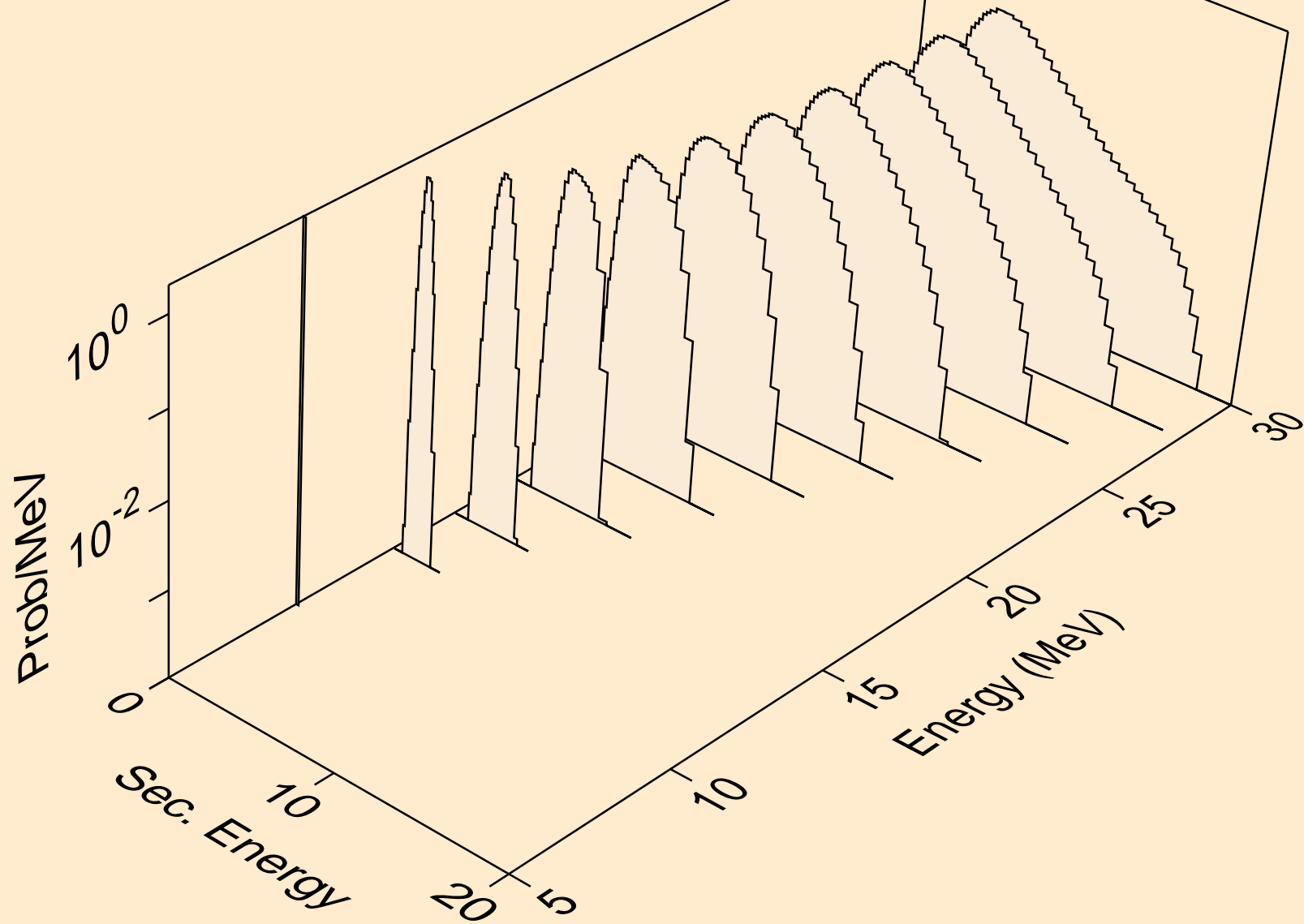
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



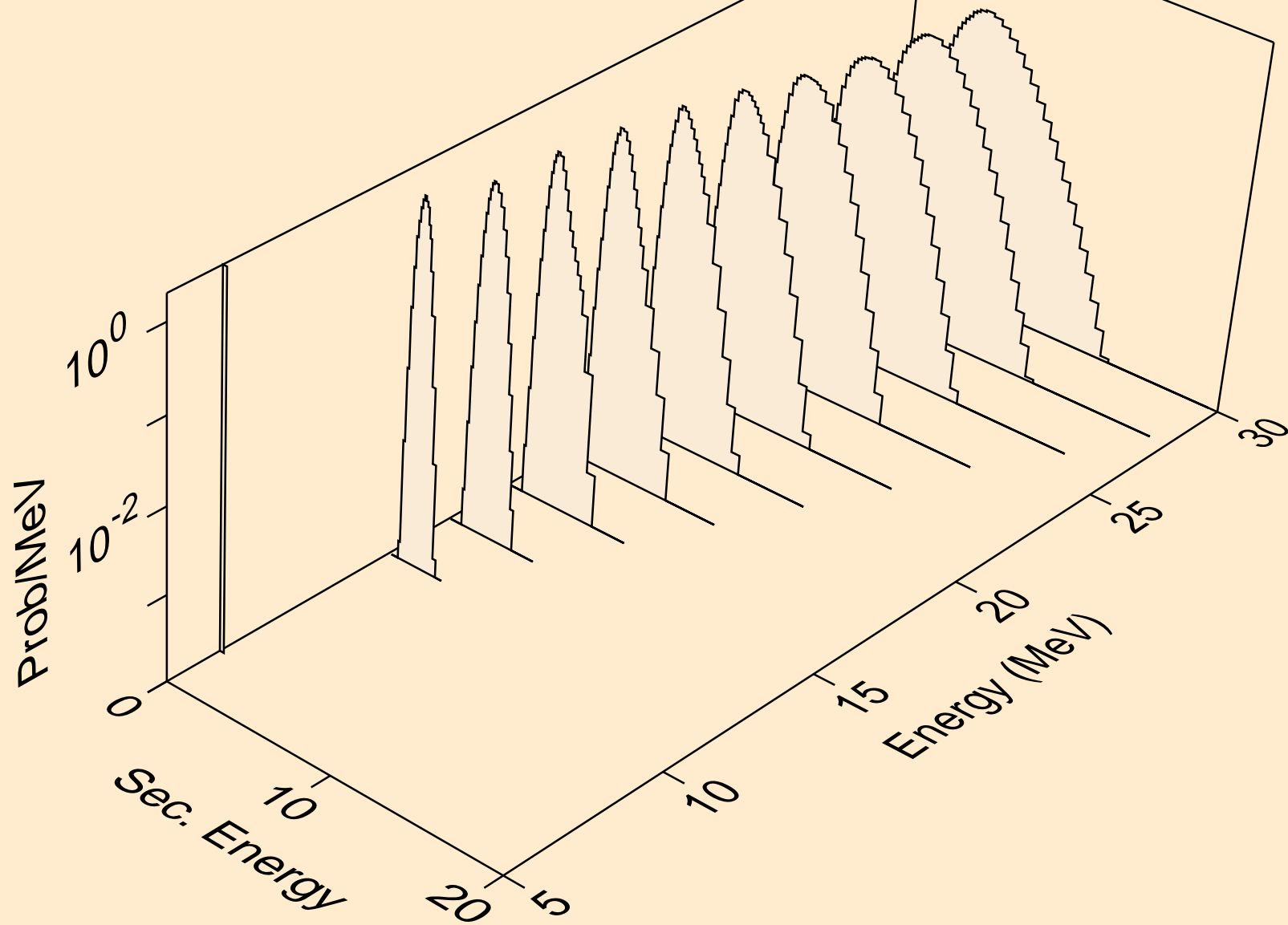
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protons from (n,3np)



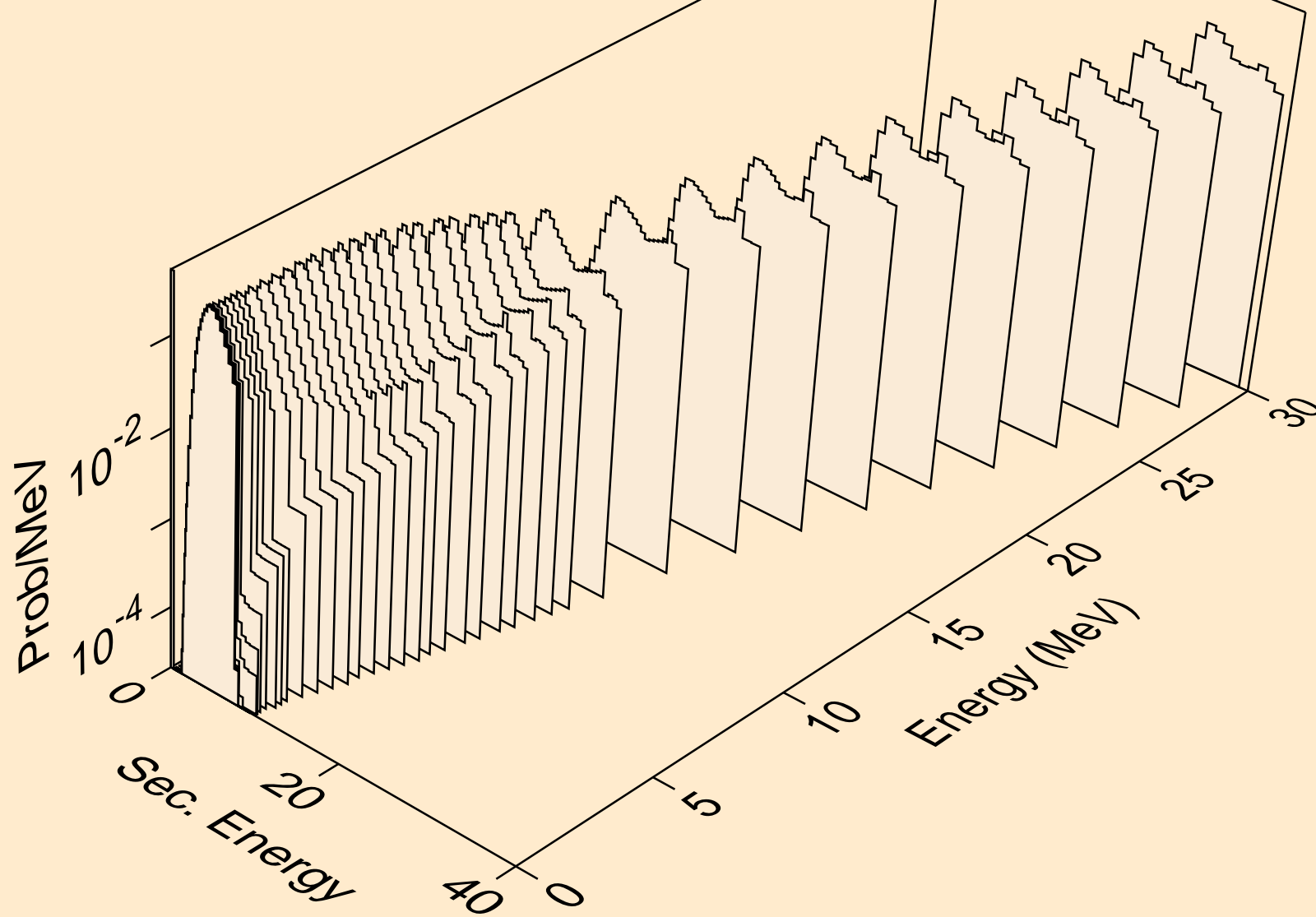
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protons from (n,n2p)



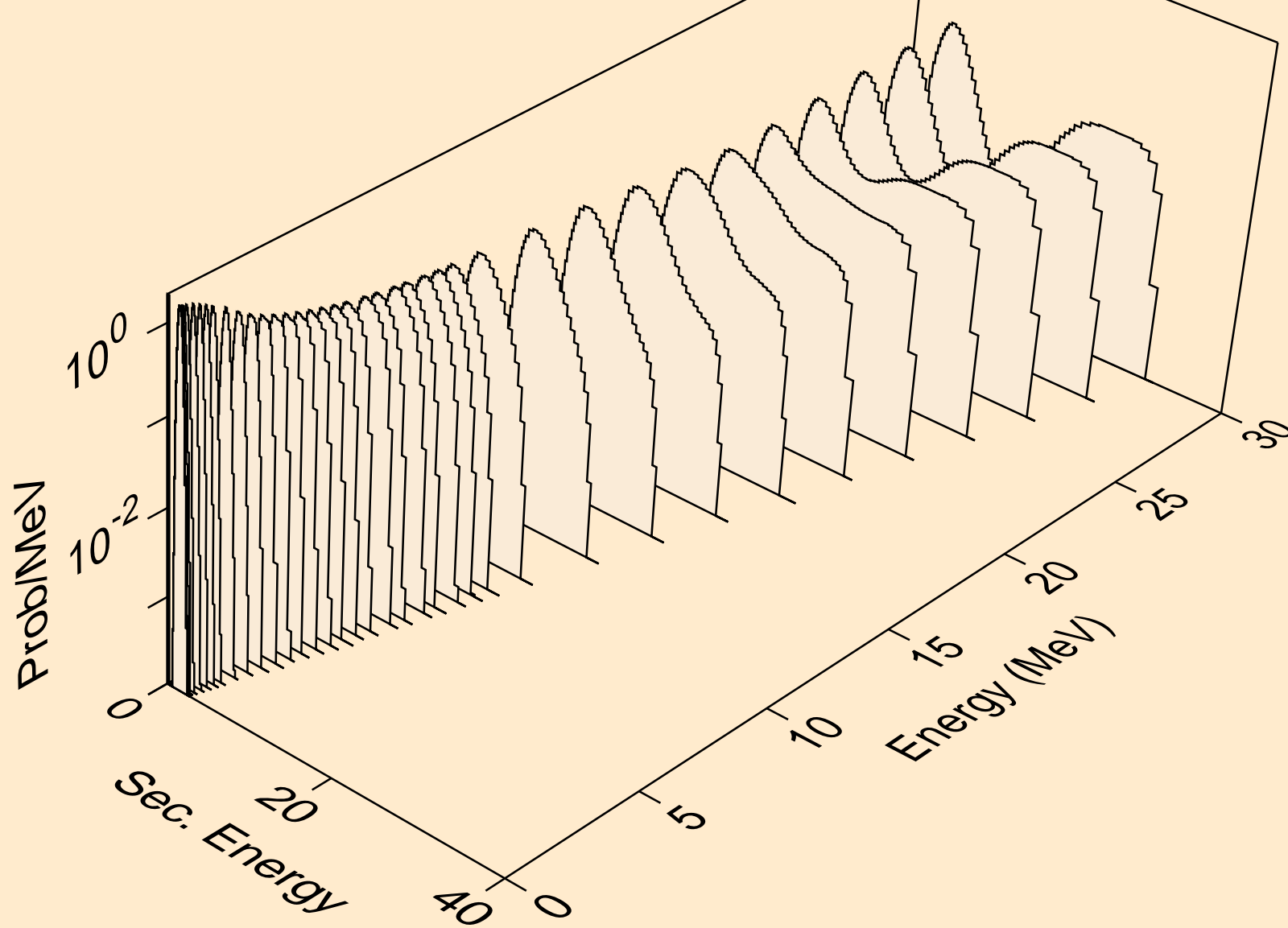
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protons from (n,npa)



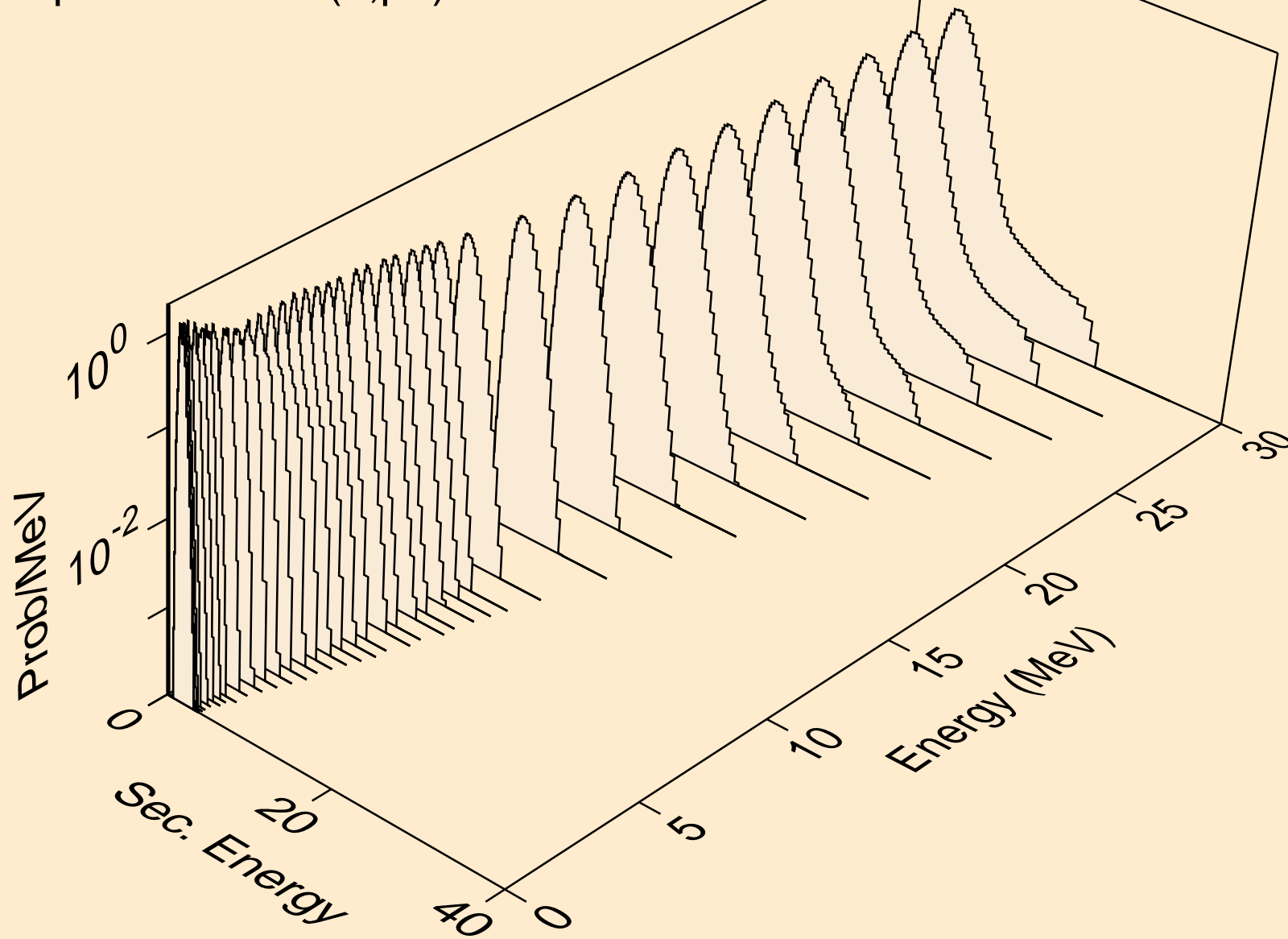
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protons from (n,p)



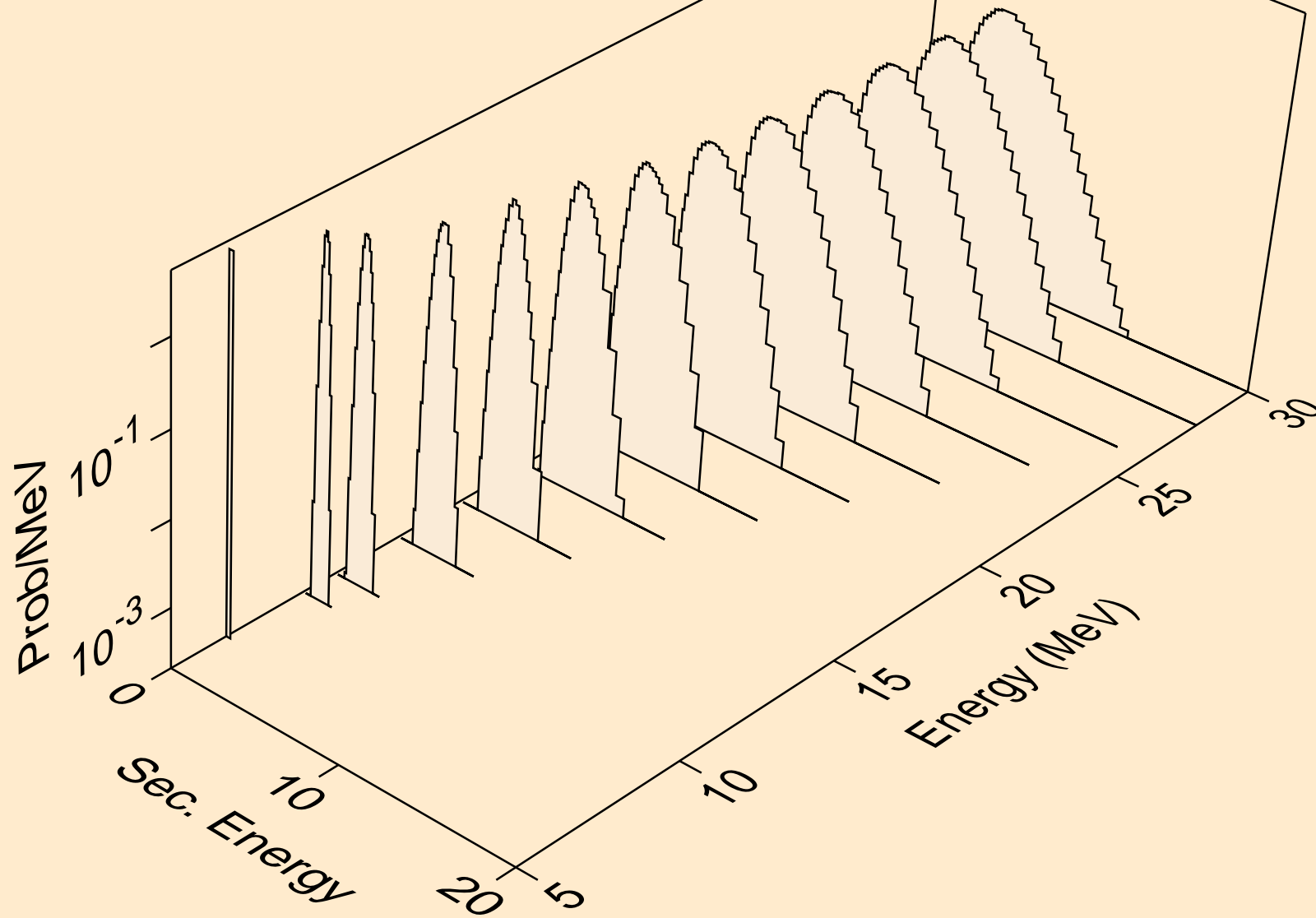
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protons from (n,2p)



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

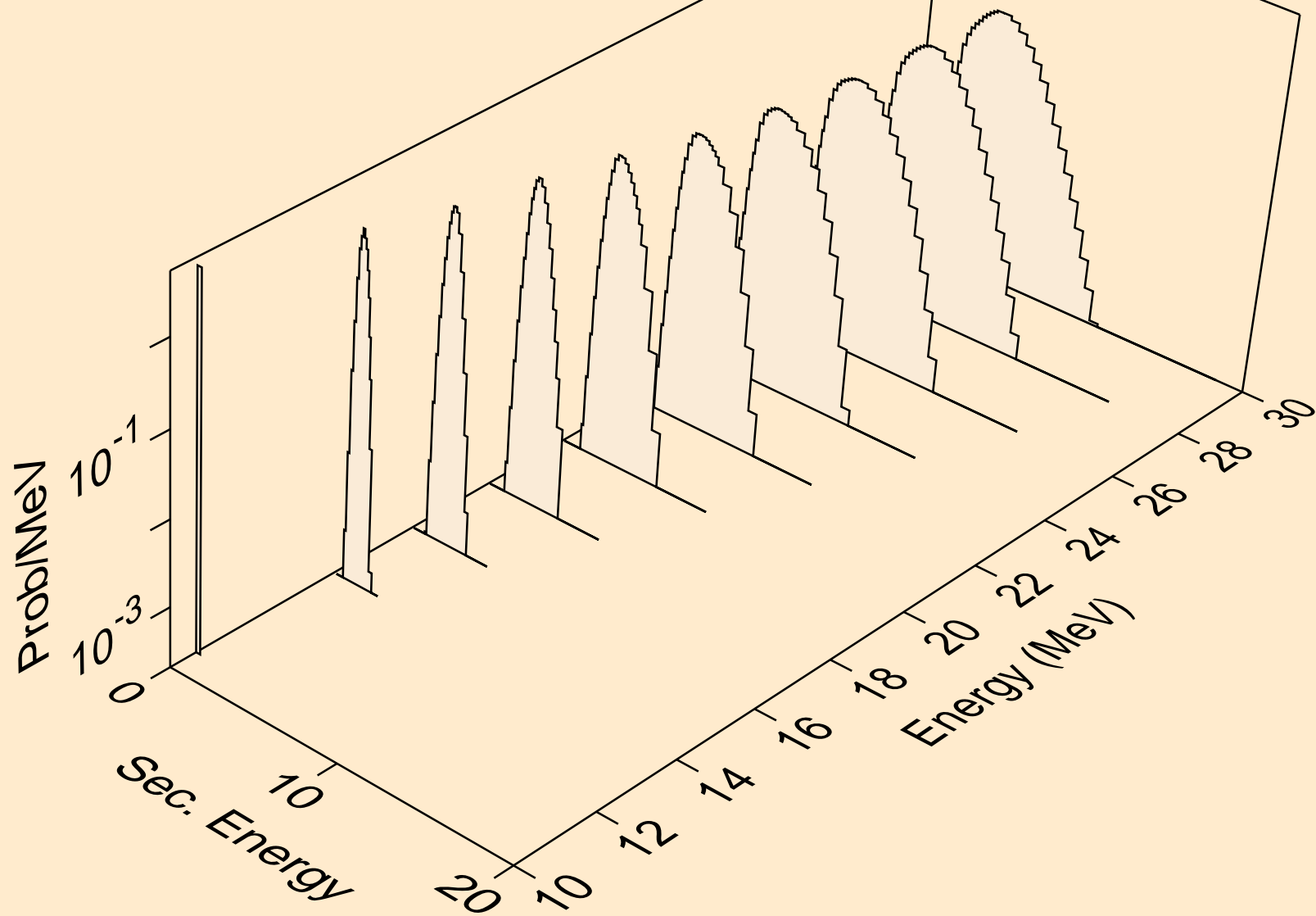


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protons from (n,pd)

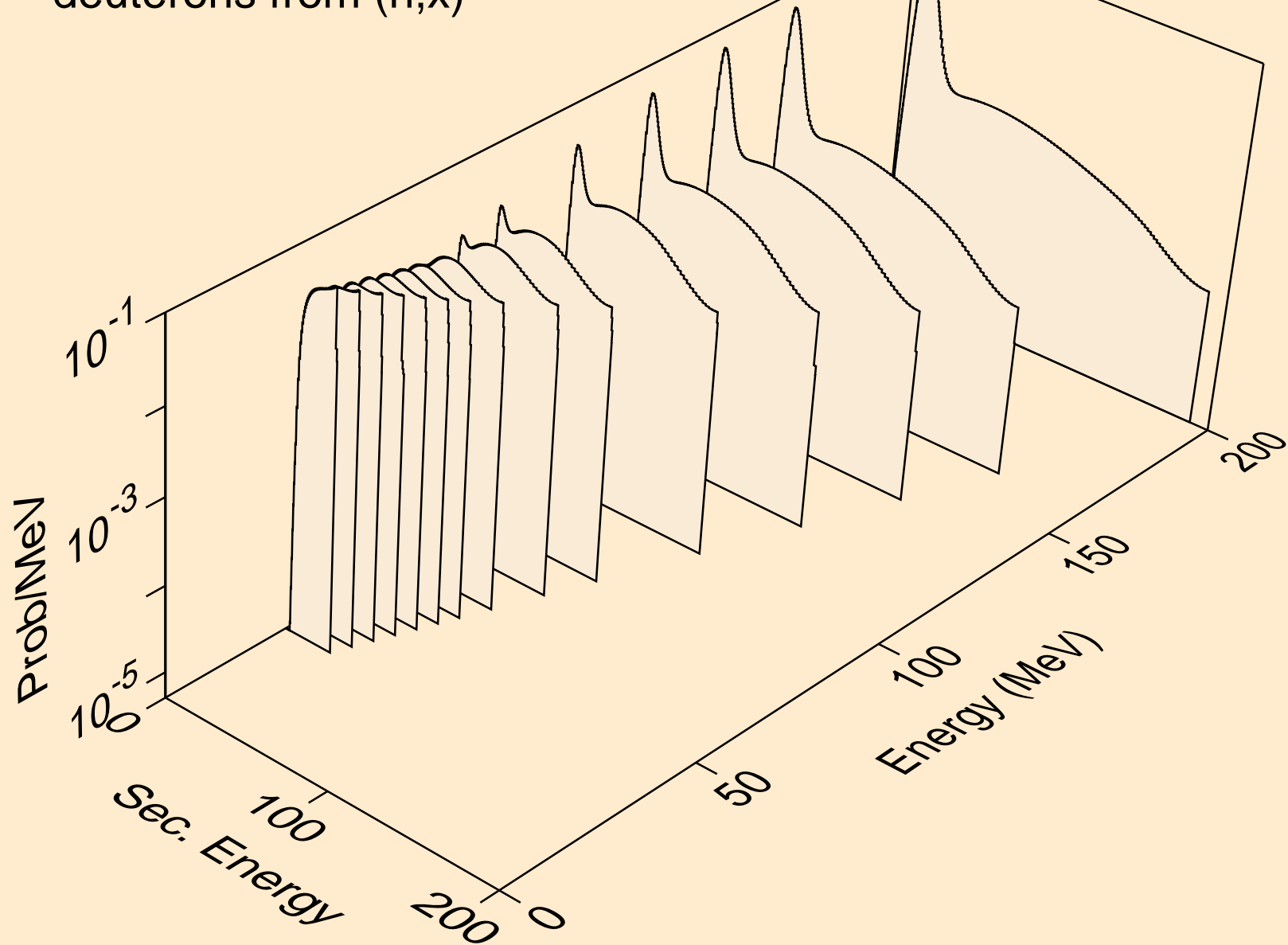




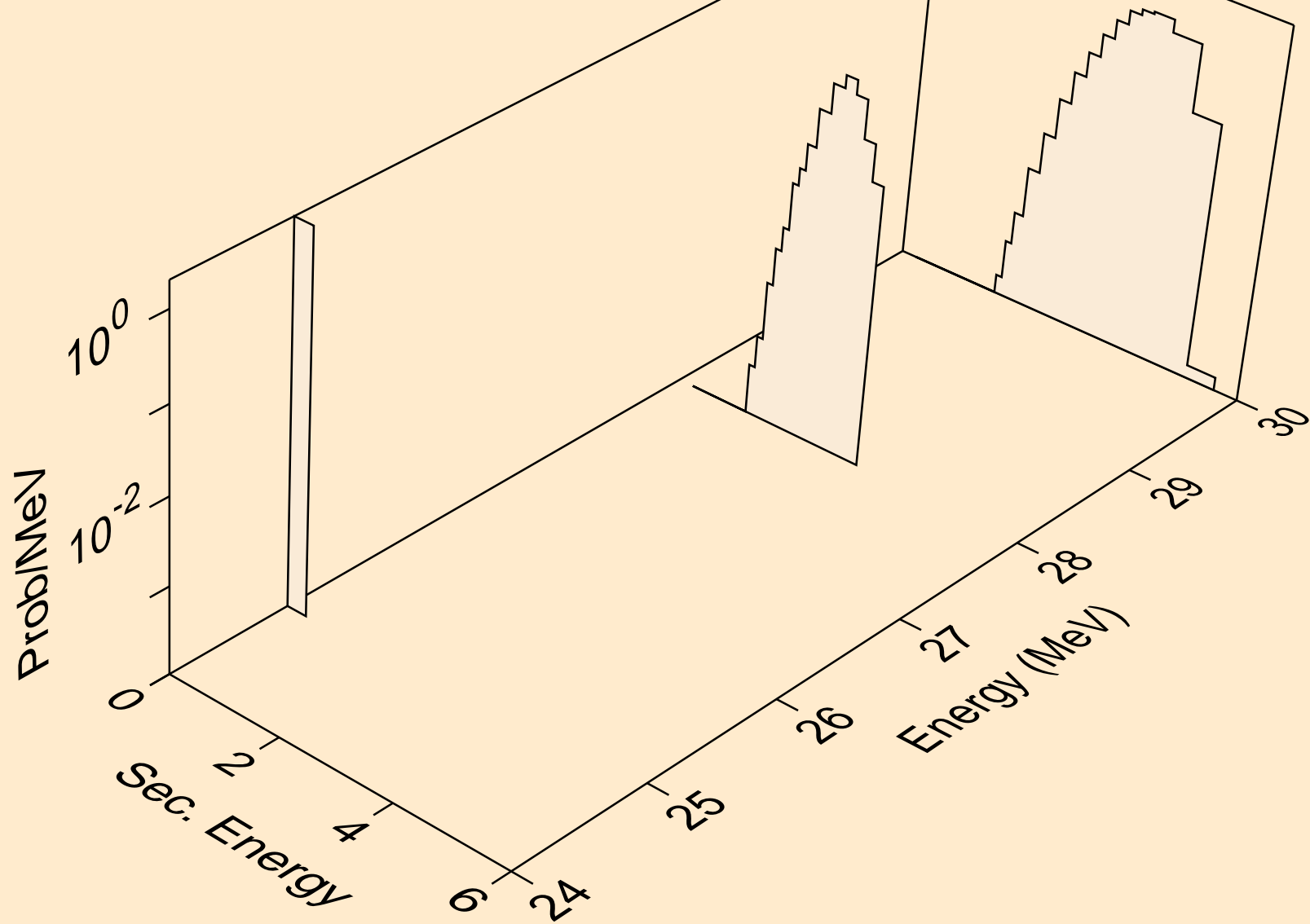
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protons from (n,pt)



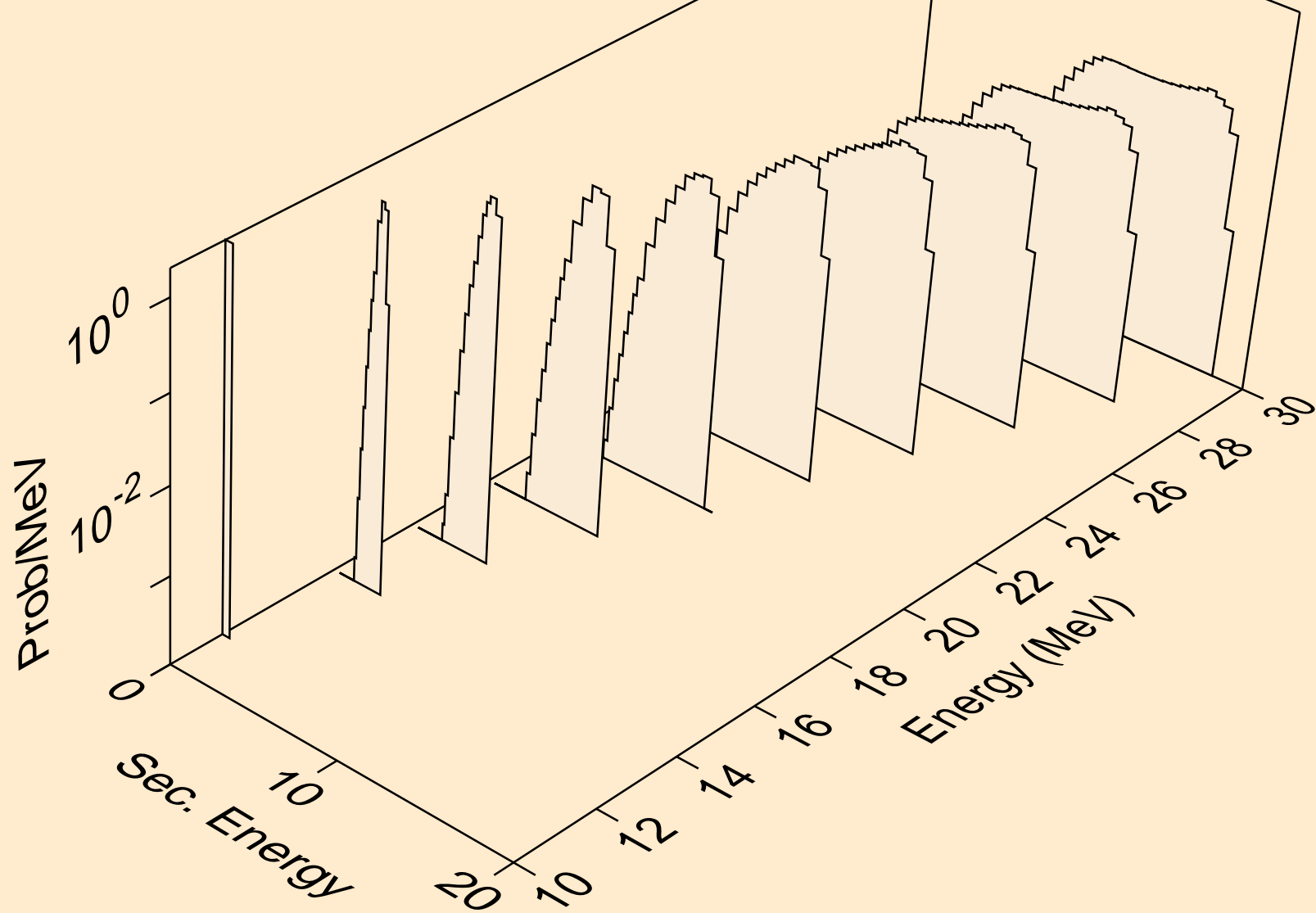
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deuterons from (n,x)



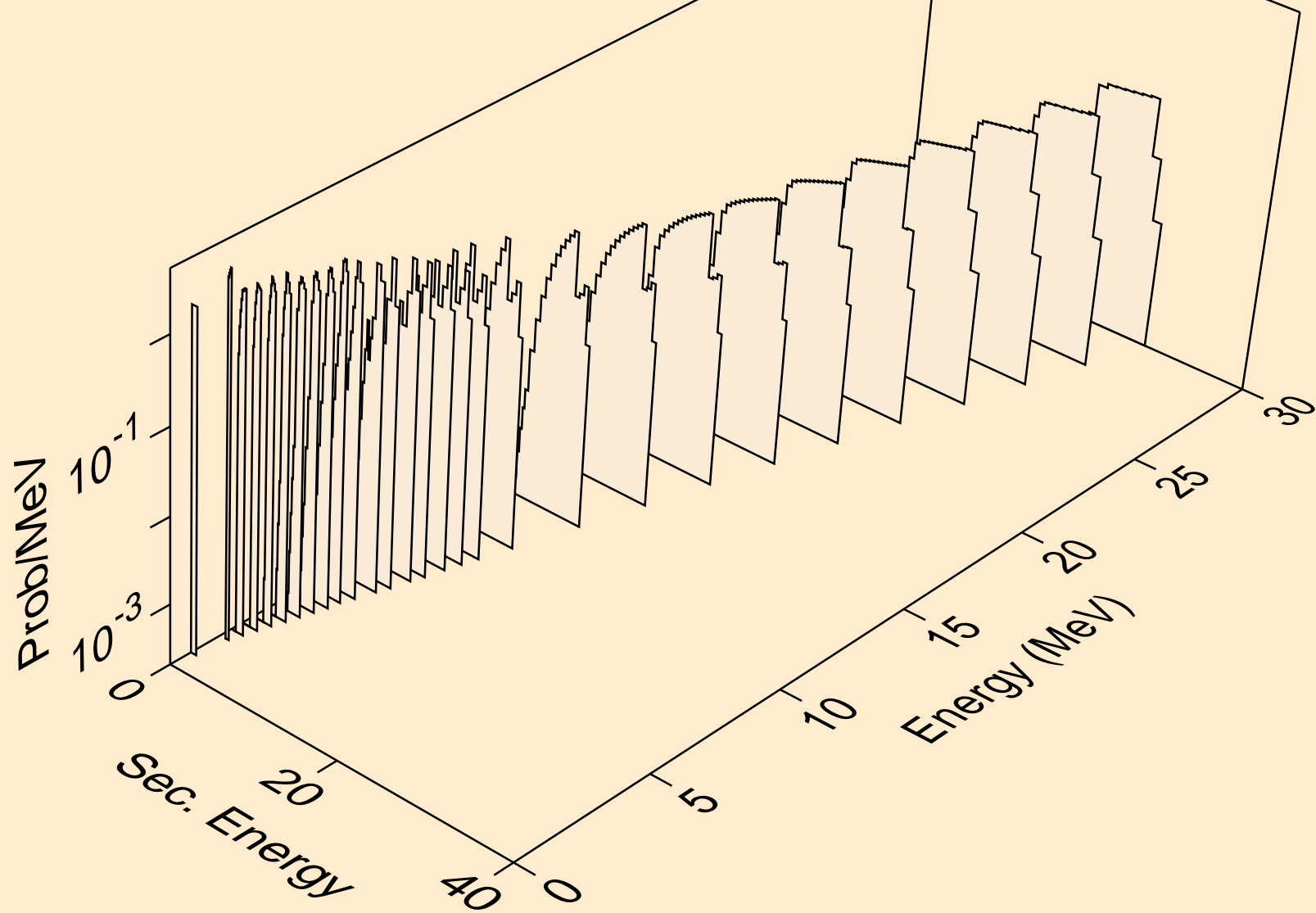
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deuterons from (n,2nd)



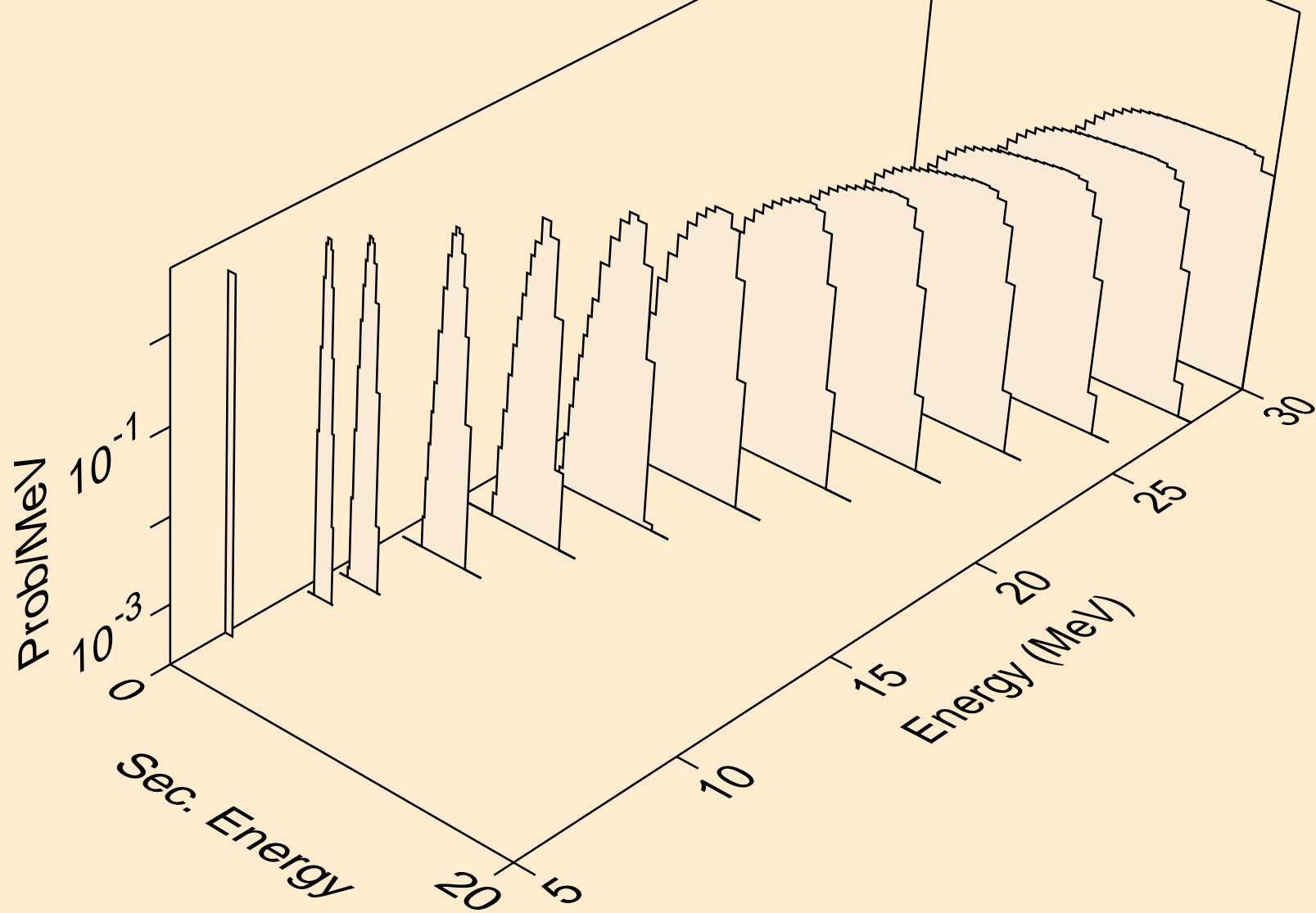
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deuterons from (n,n\*)d



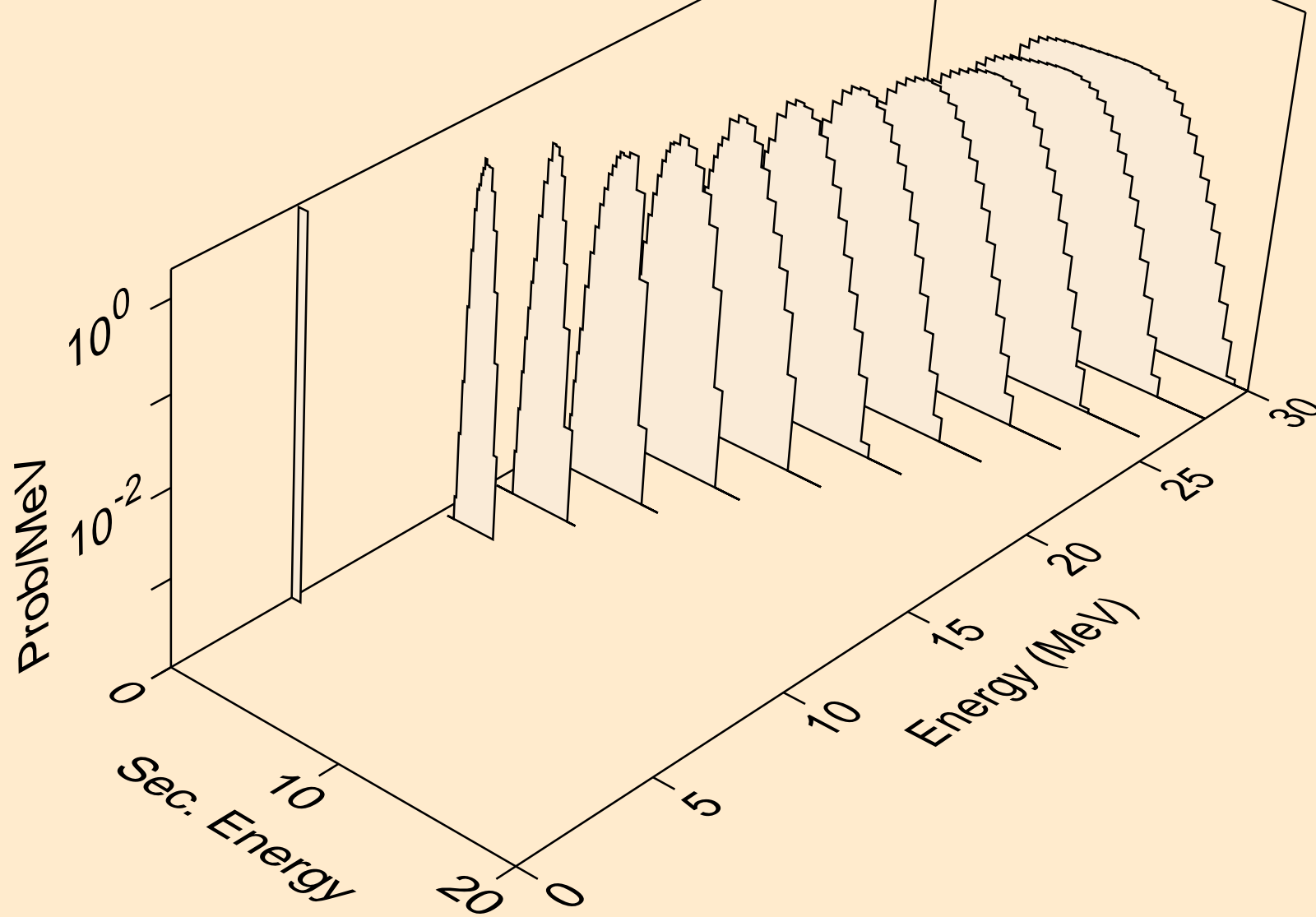
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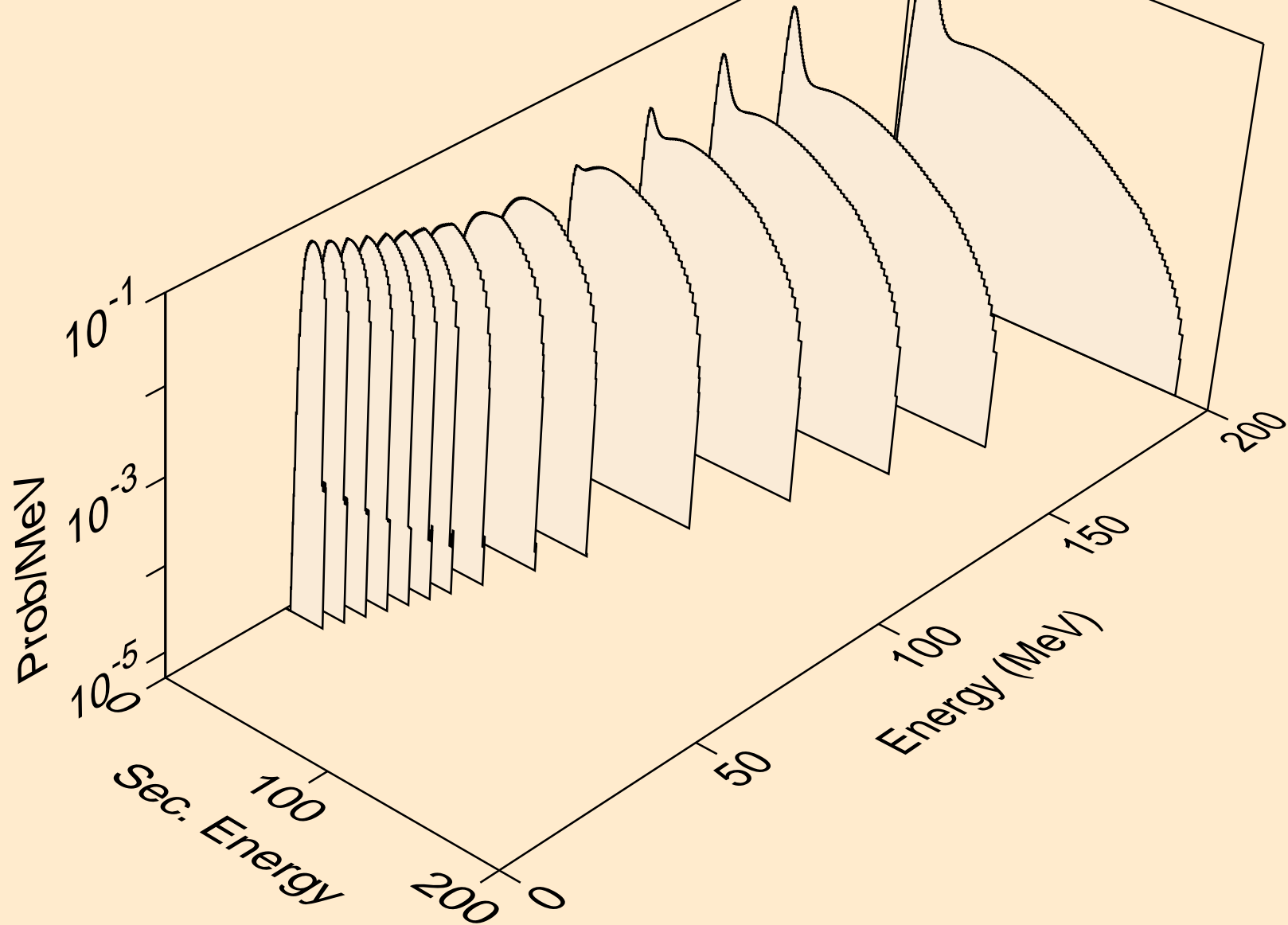
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deuterons from (n,pd)



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)

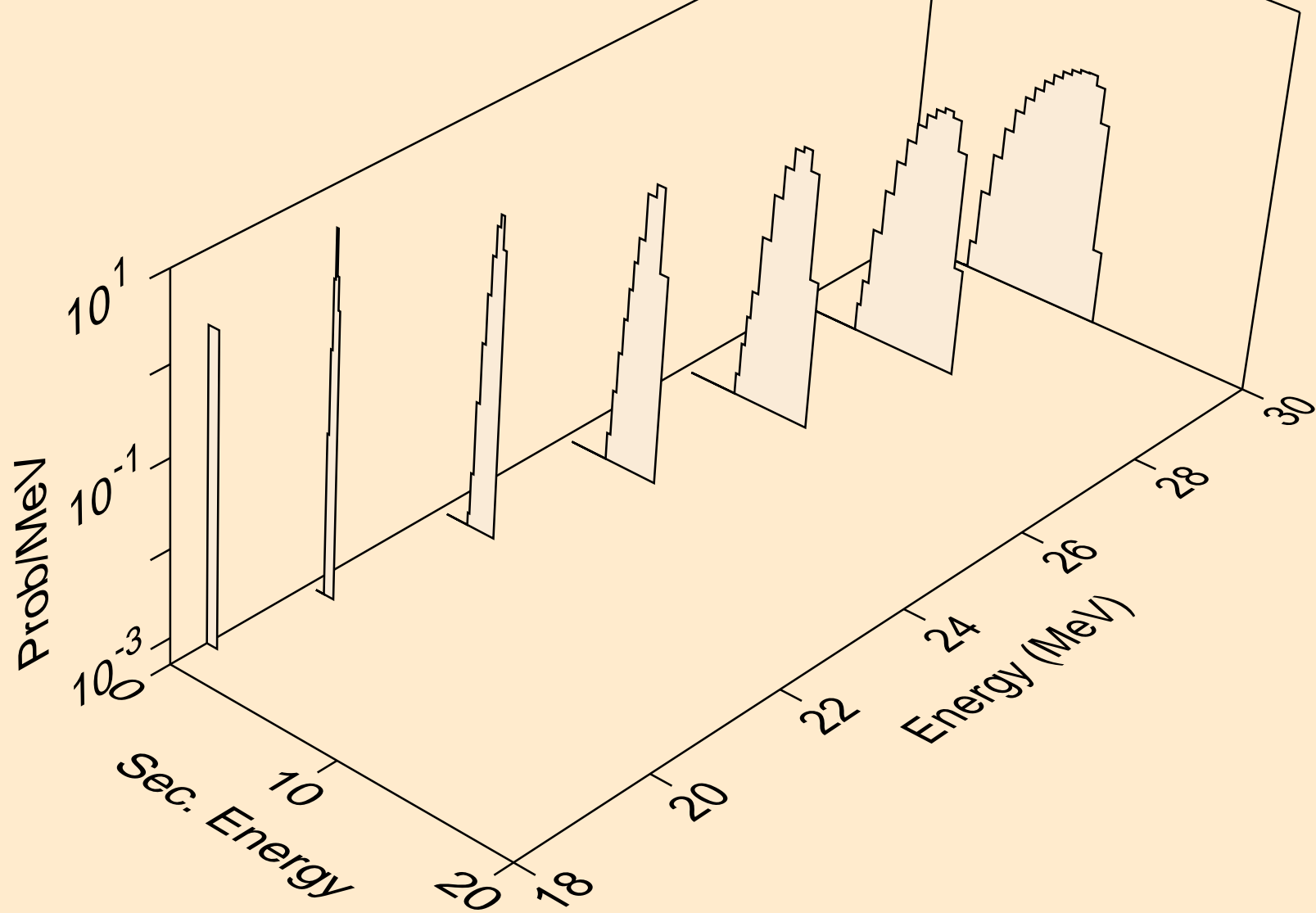


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tritons from (n,x)

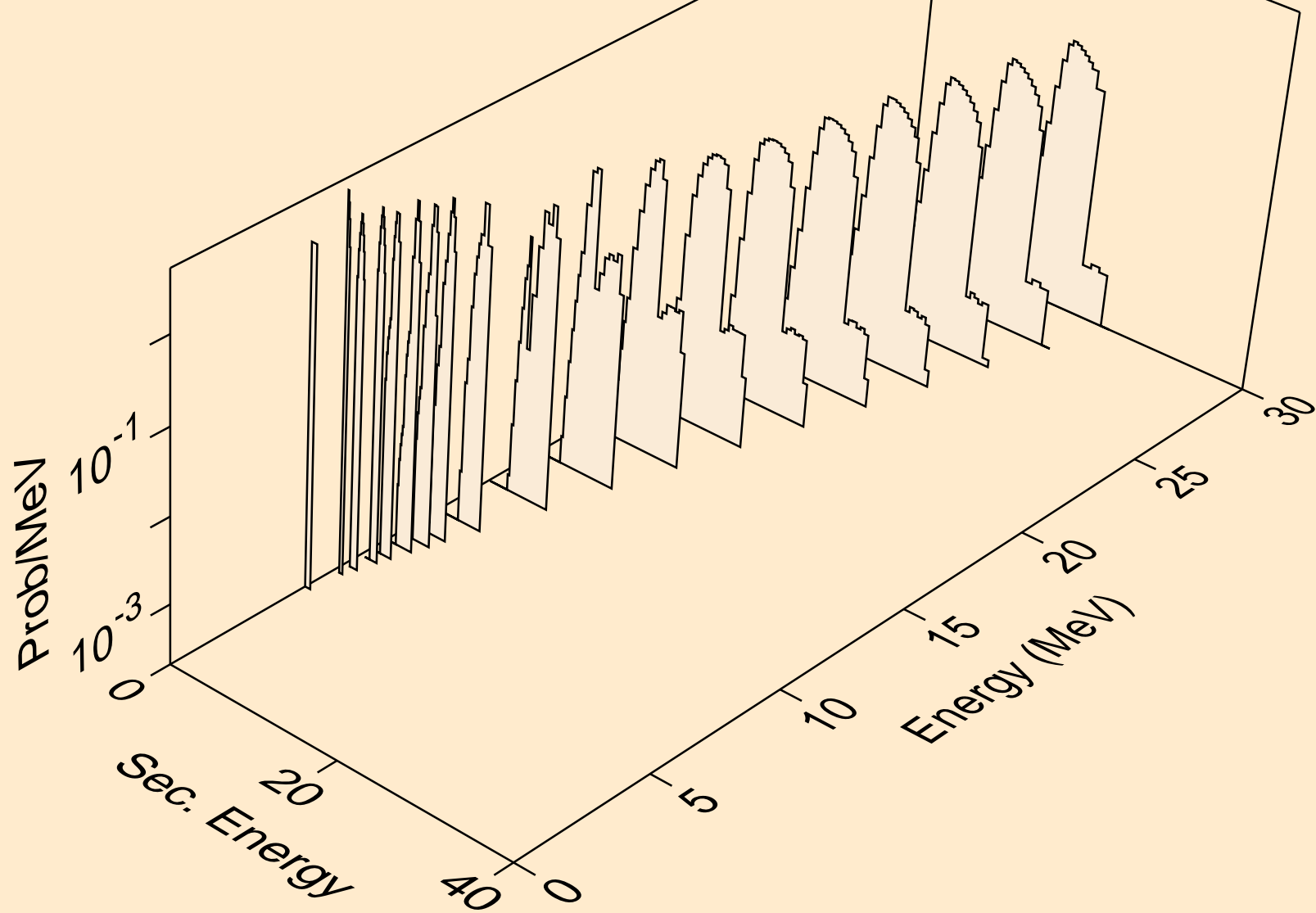




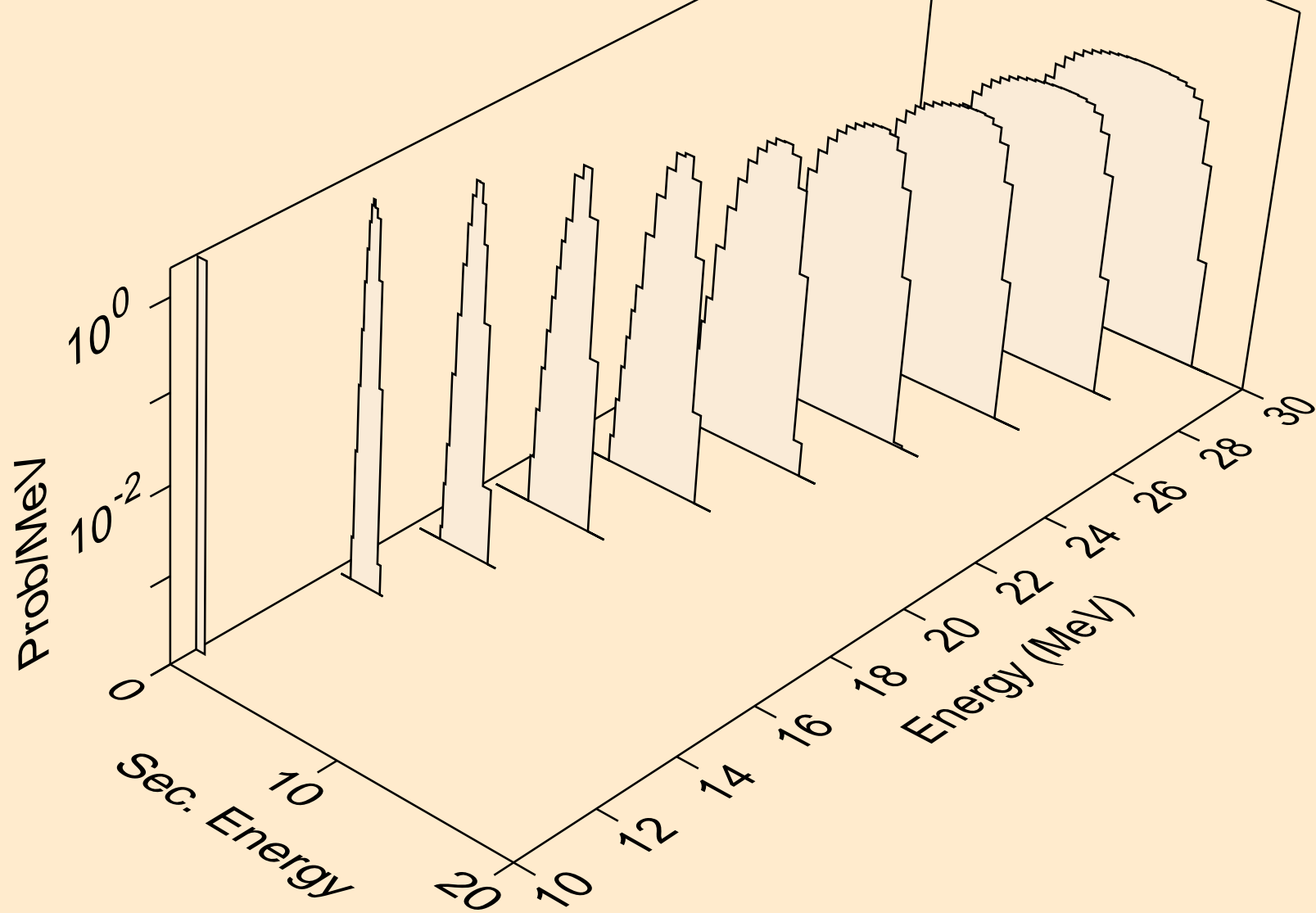
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tritons from (n,n\*)t



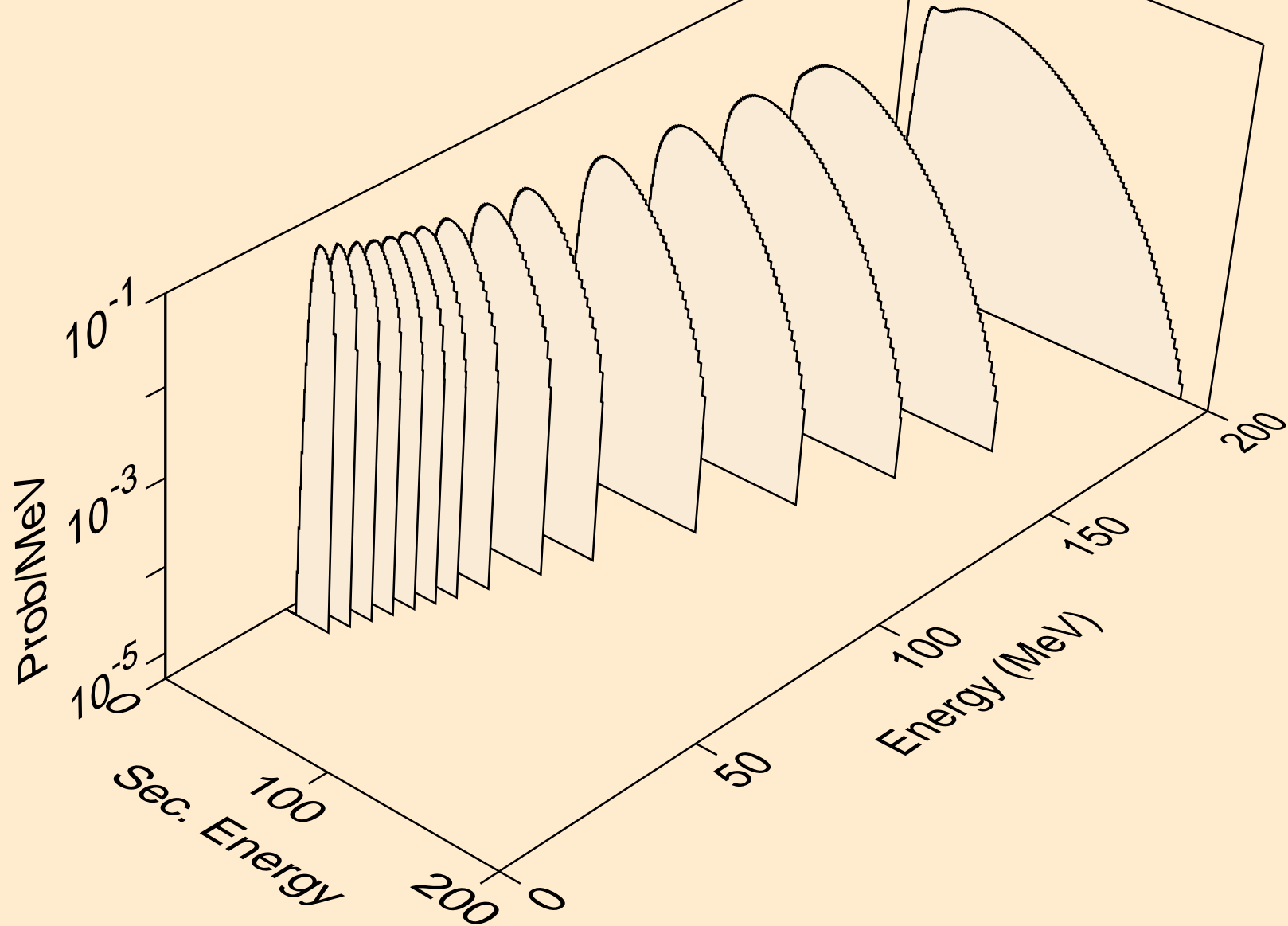
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tritons from (n,t)



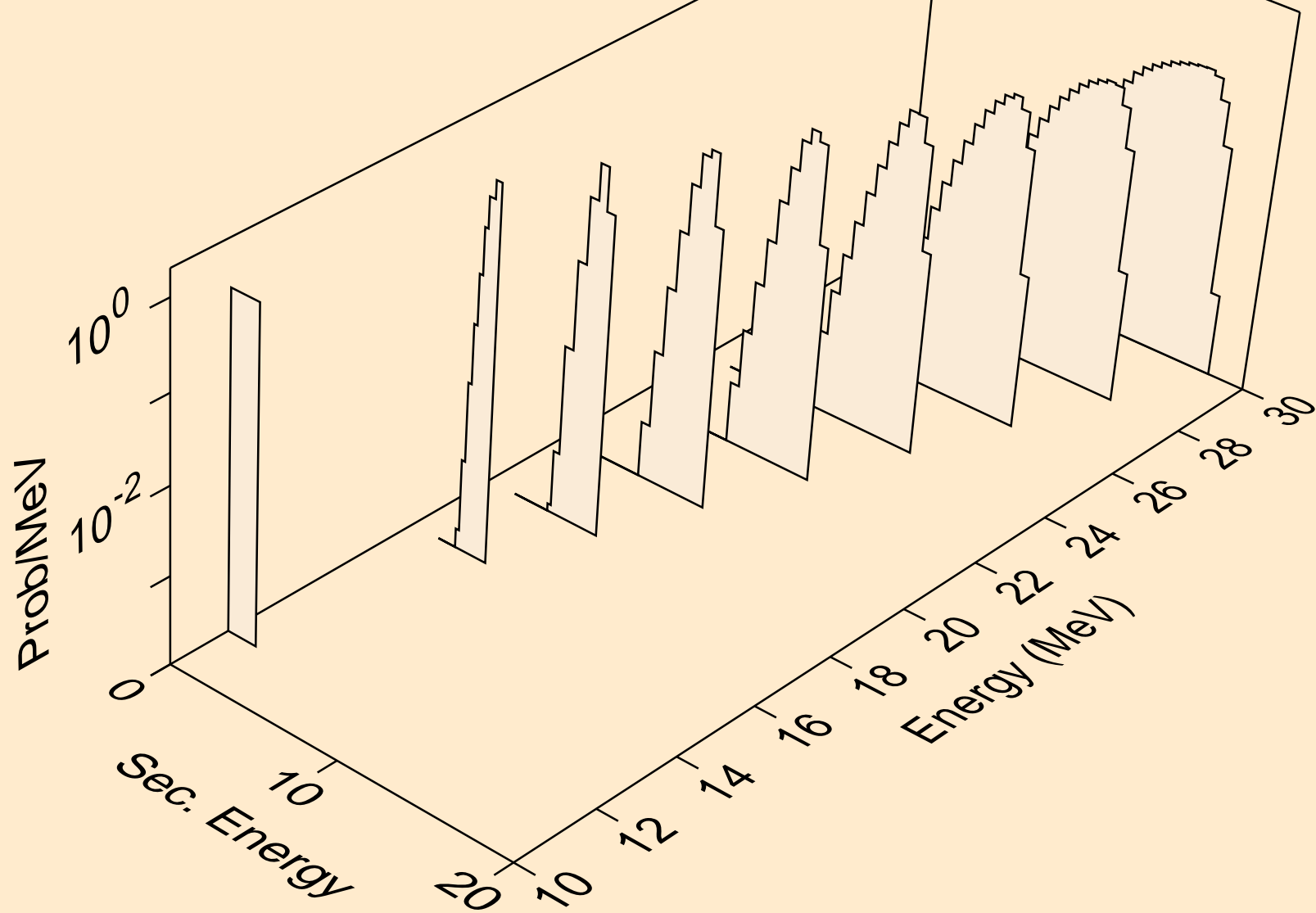
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tritons from (n,pt)



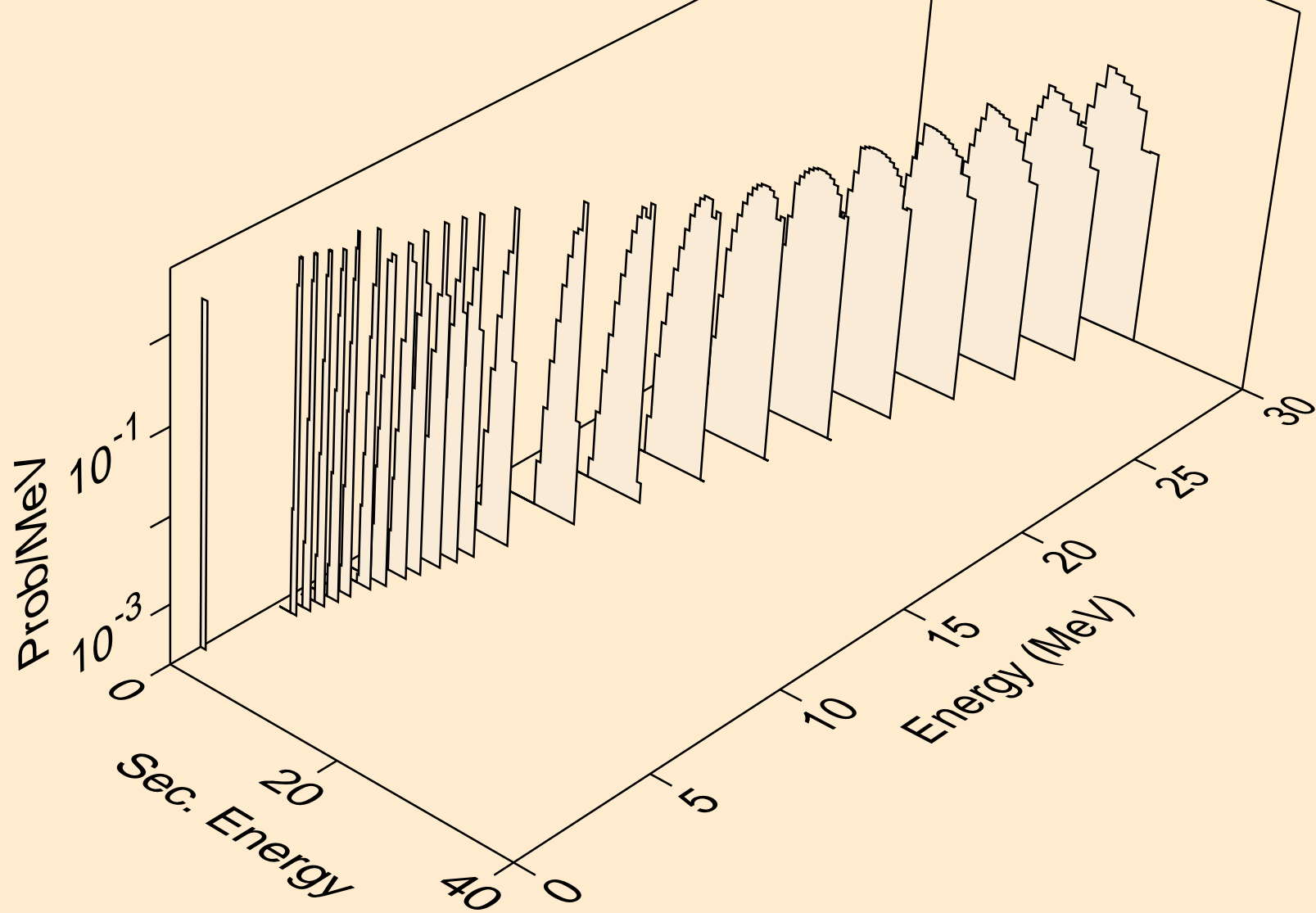
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he3s from (n,x)



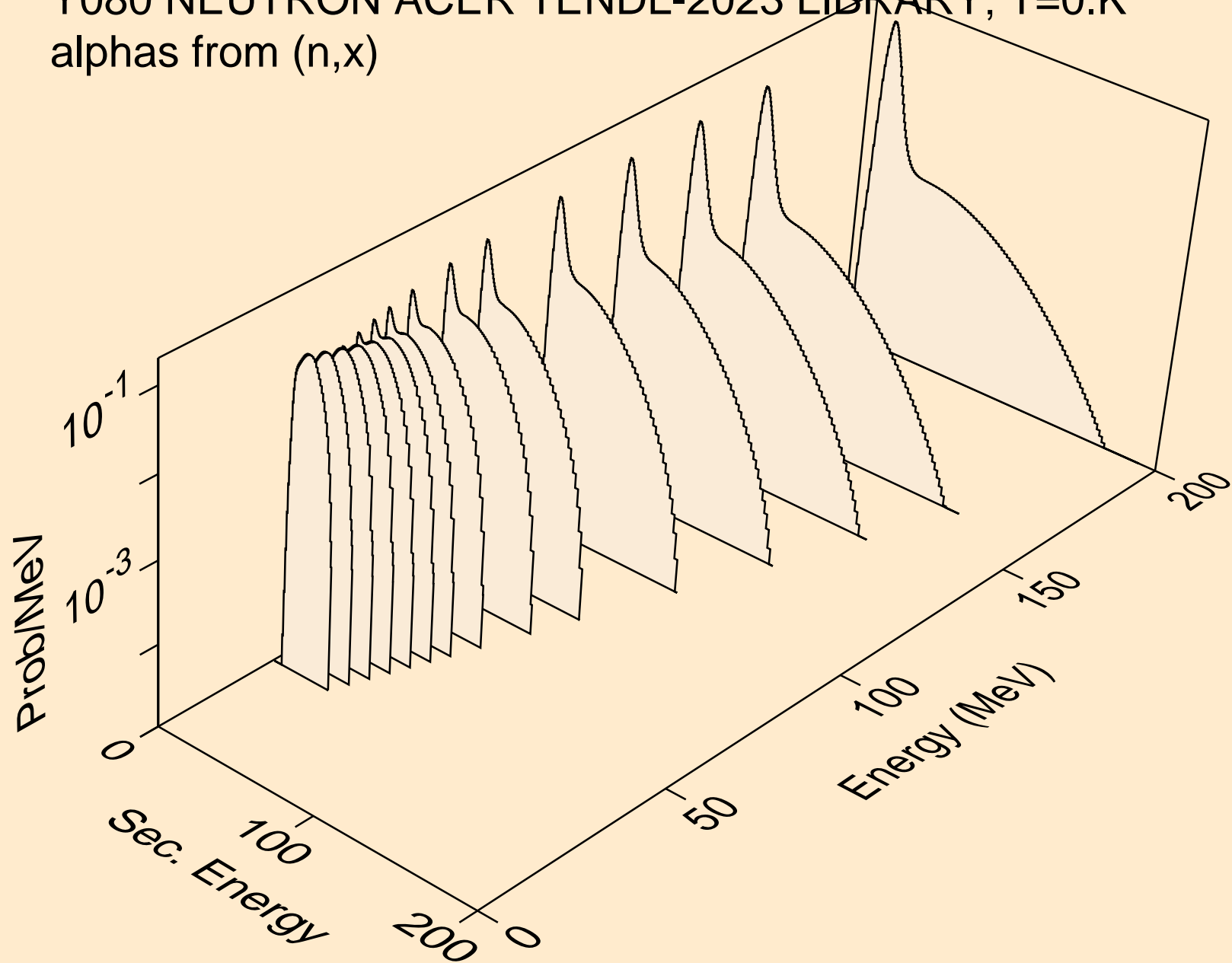
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he3s from (n,n\*)he3



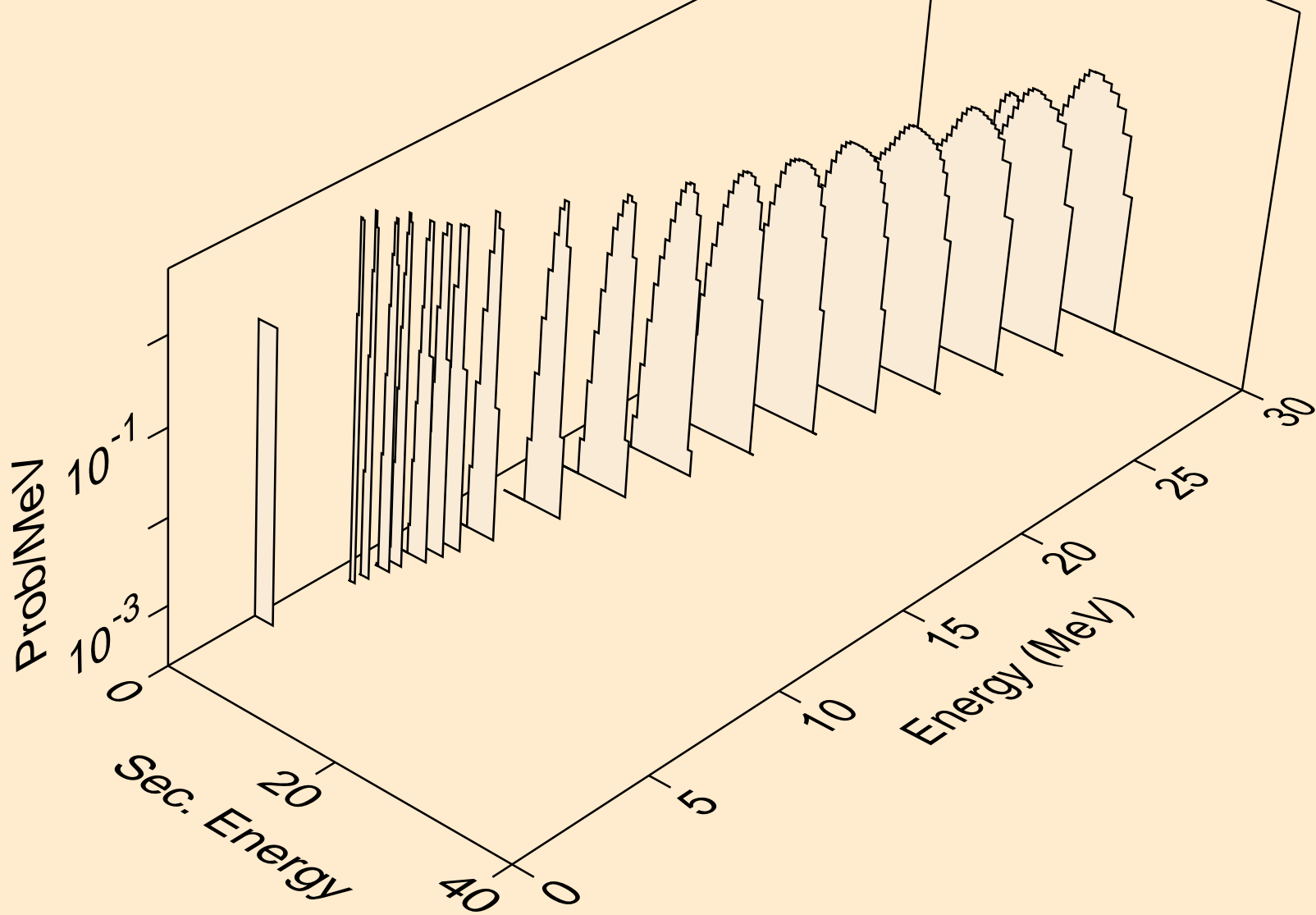
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he3s from (n,he3)



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

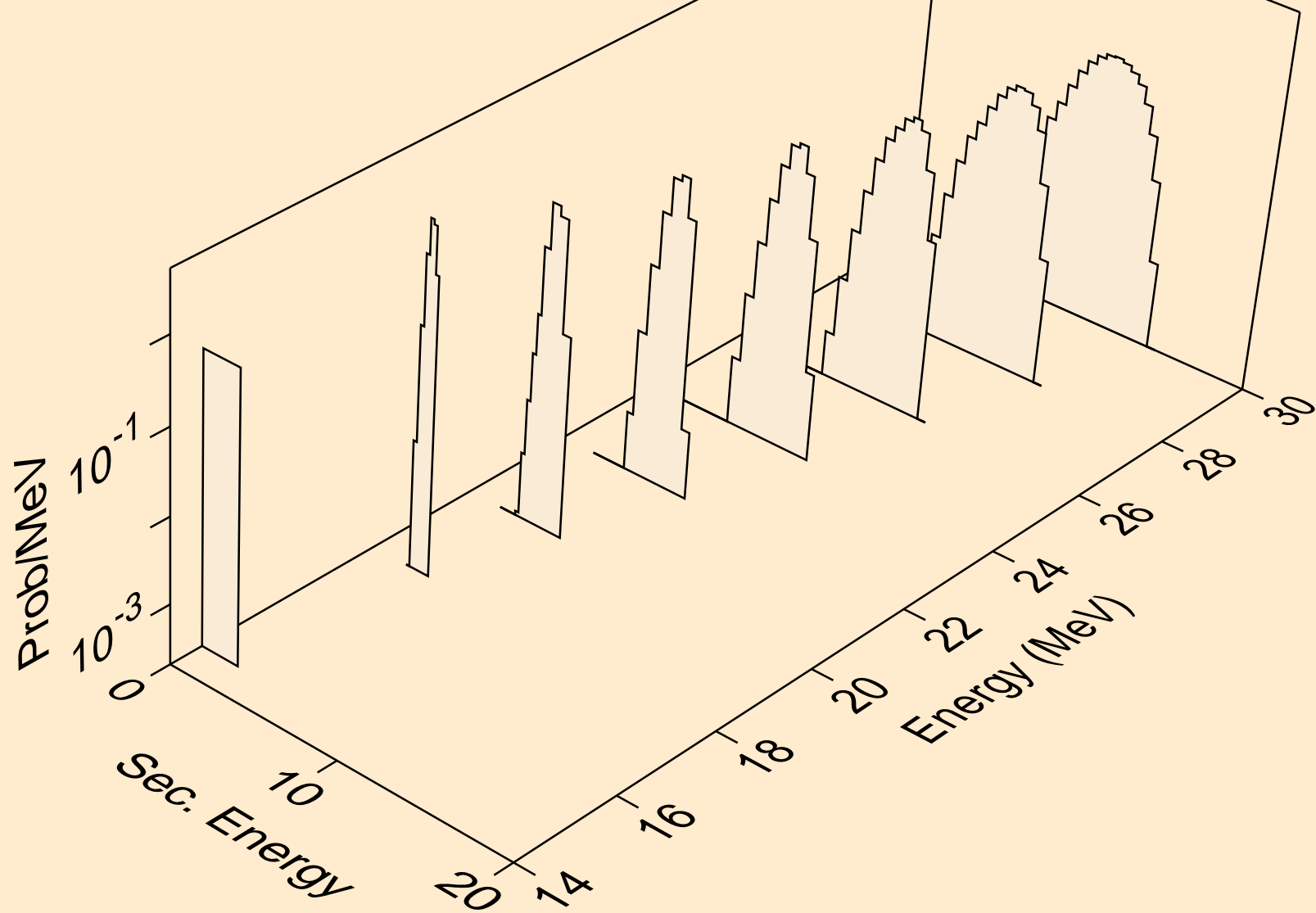


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alphas from (n,n\*)a

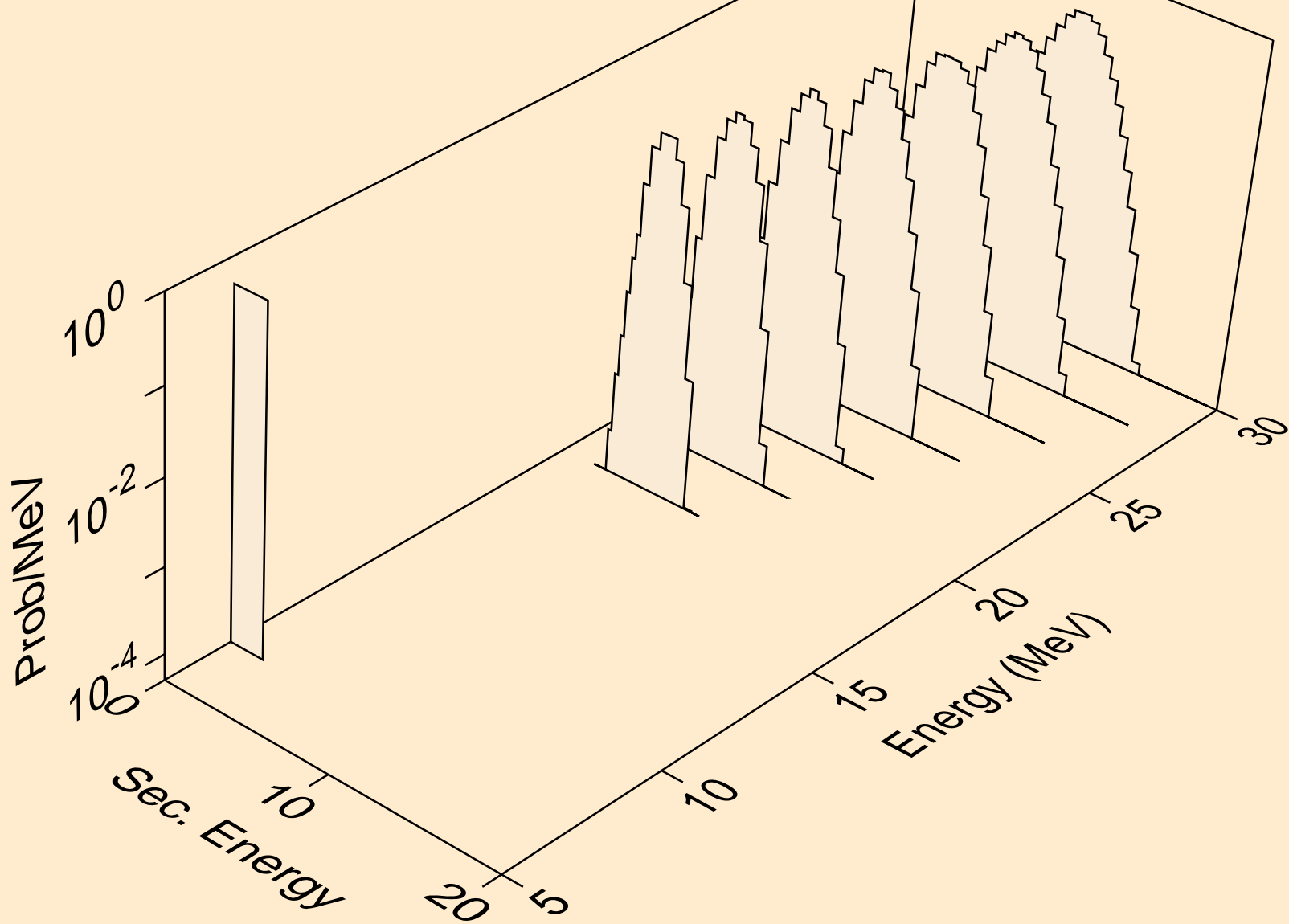




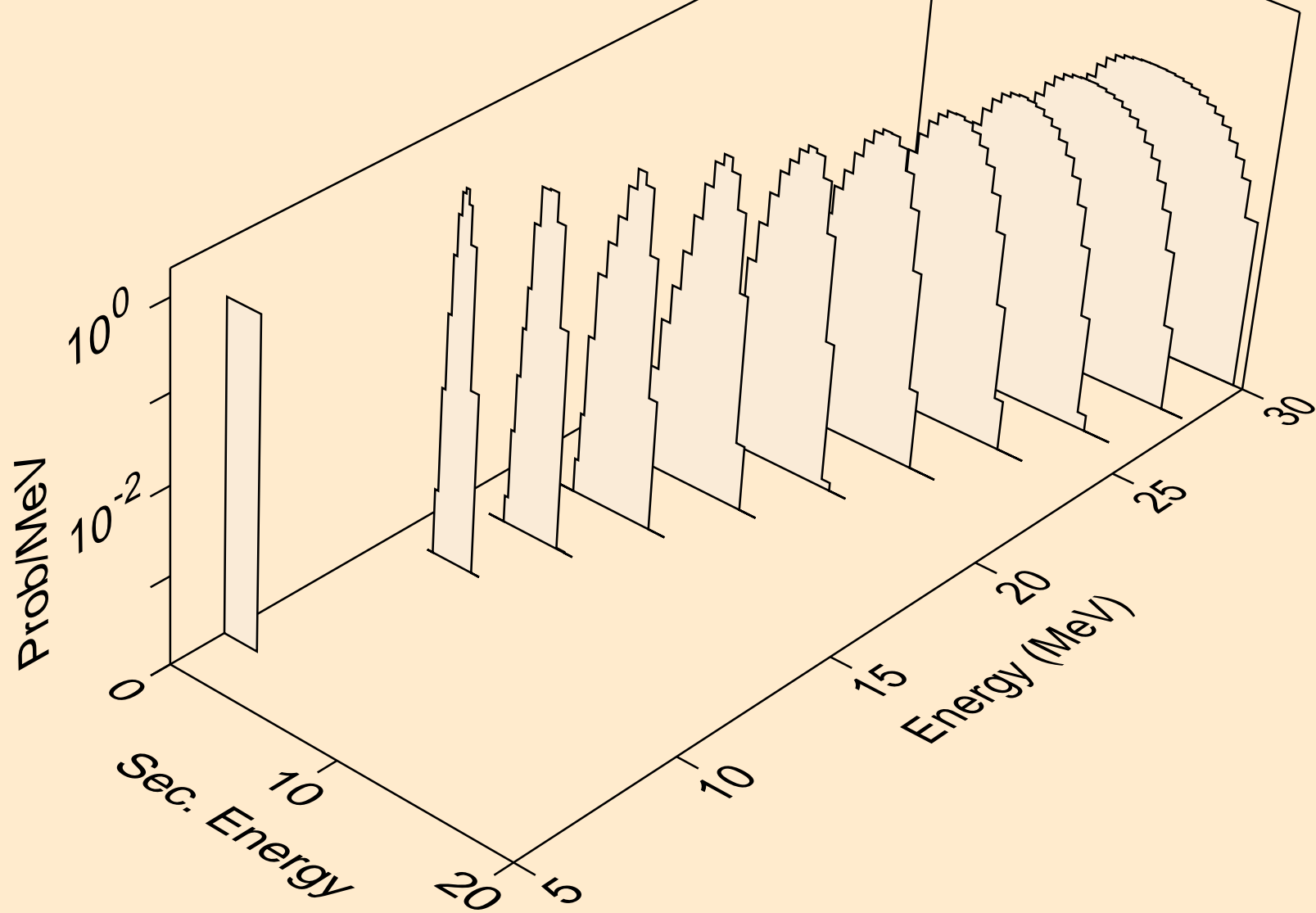
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alphas from (n,2n)a



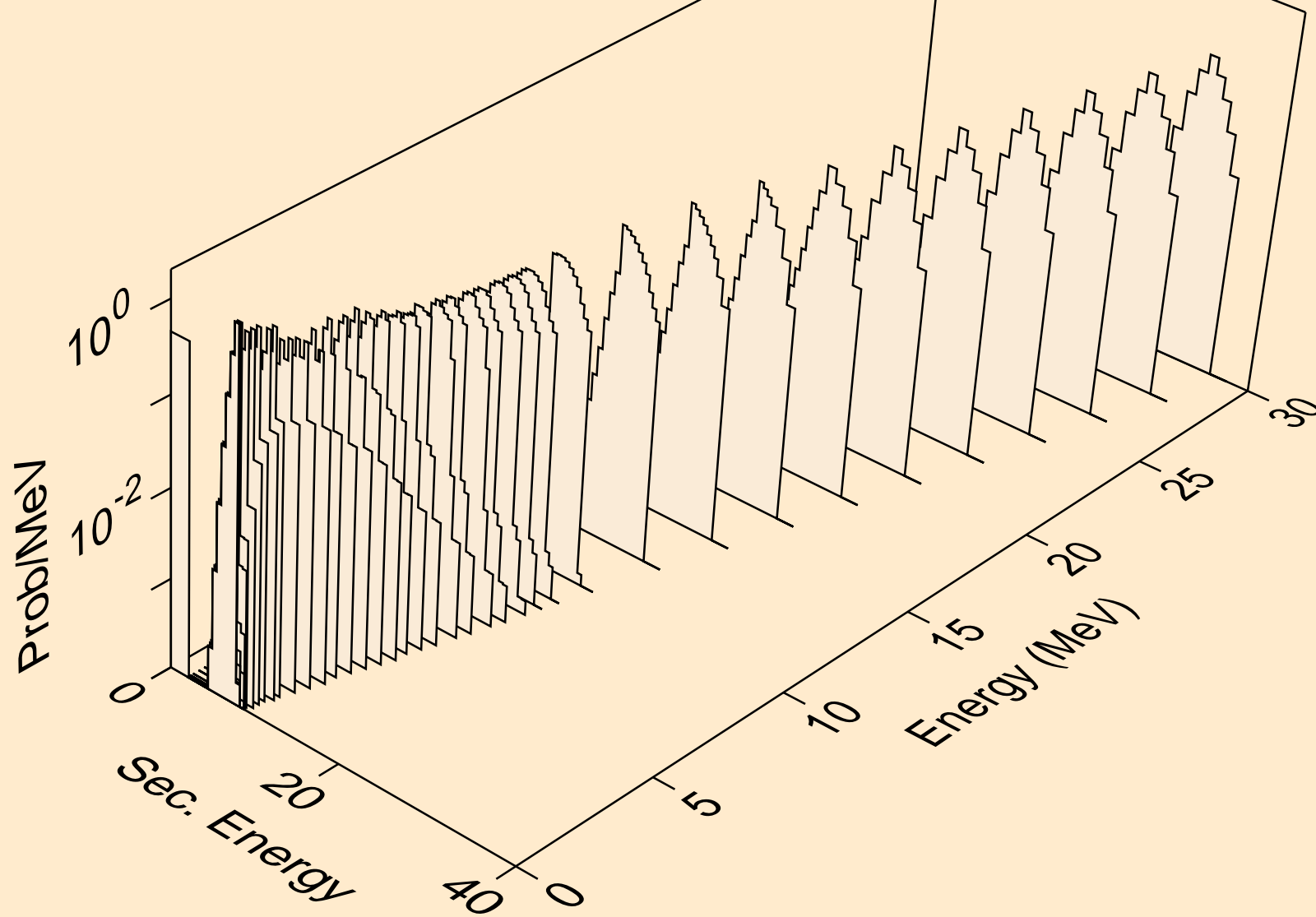
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alphas from (n,n\*)2a



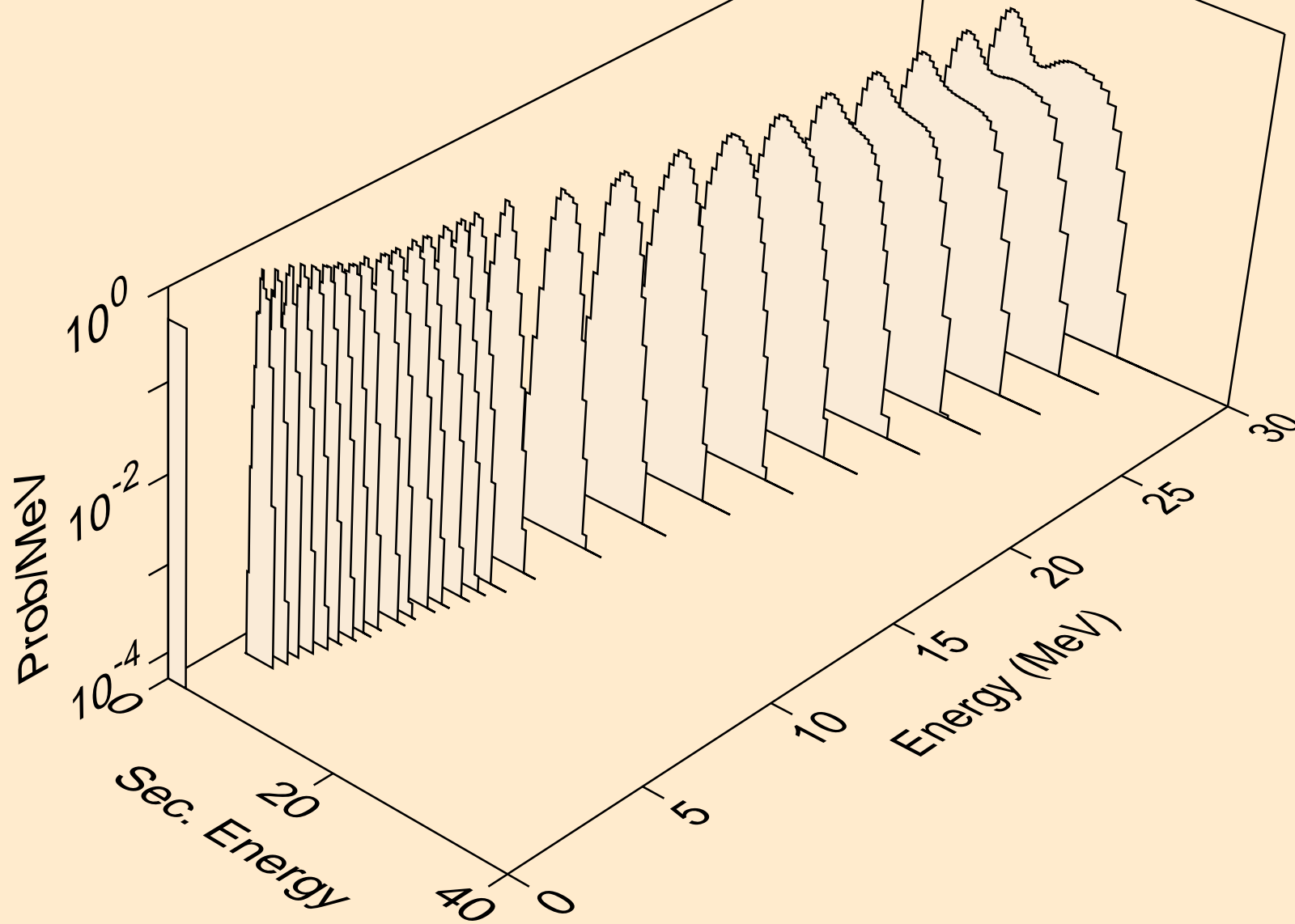
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alphas from (n,npa)



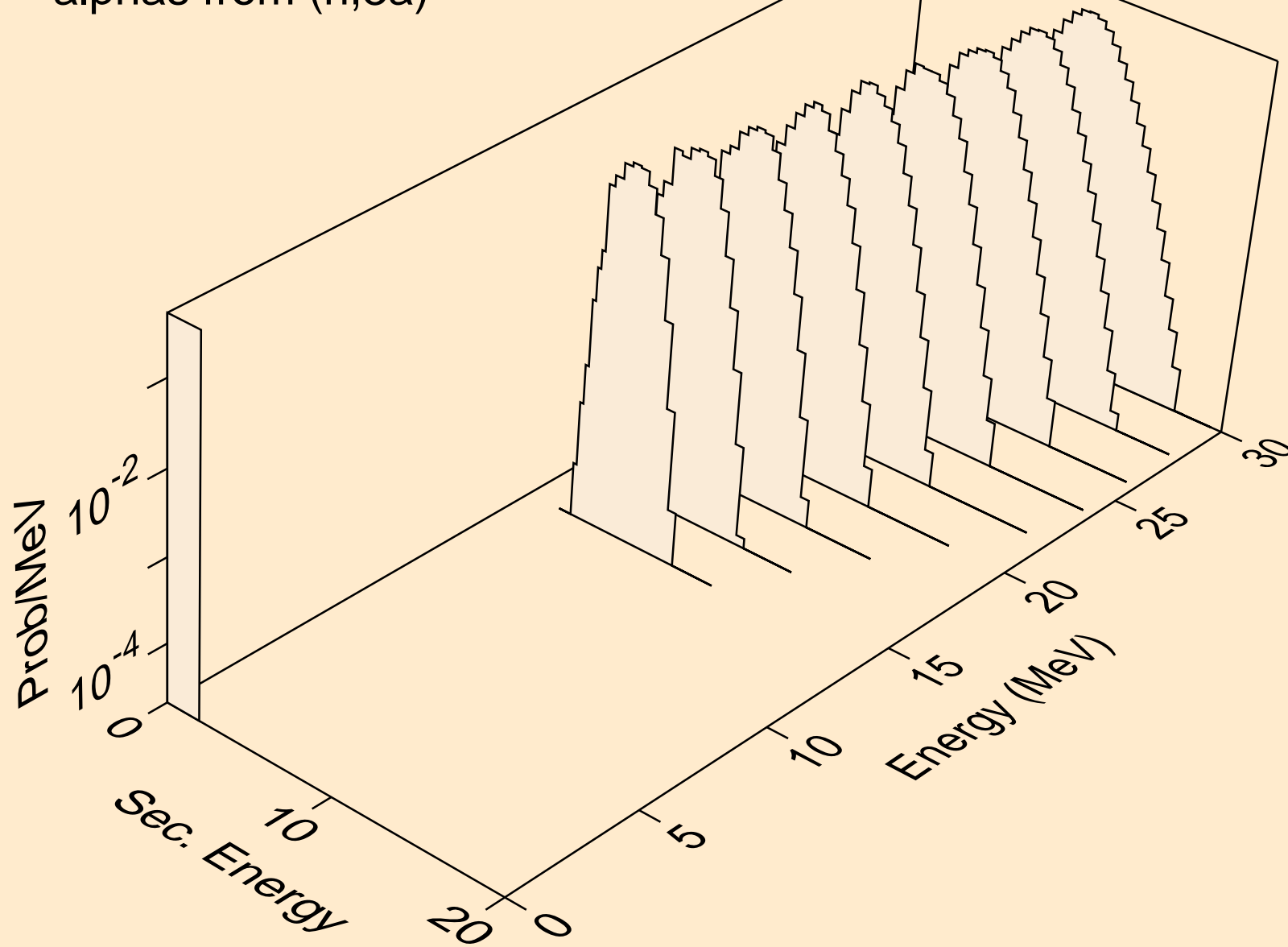
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alphas from (n,a)



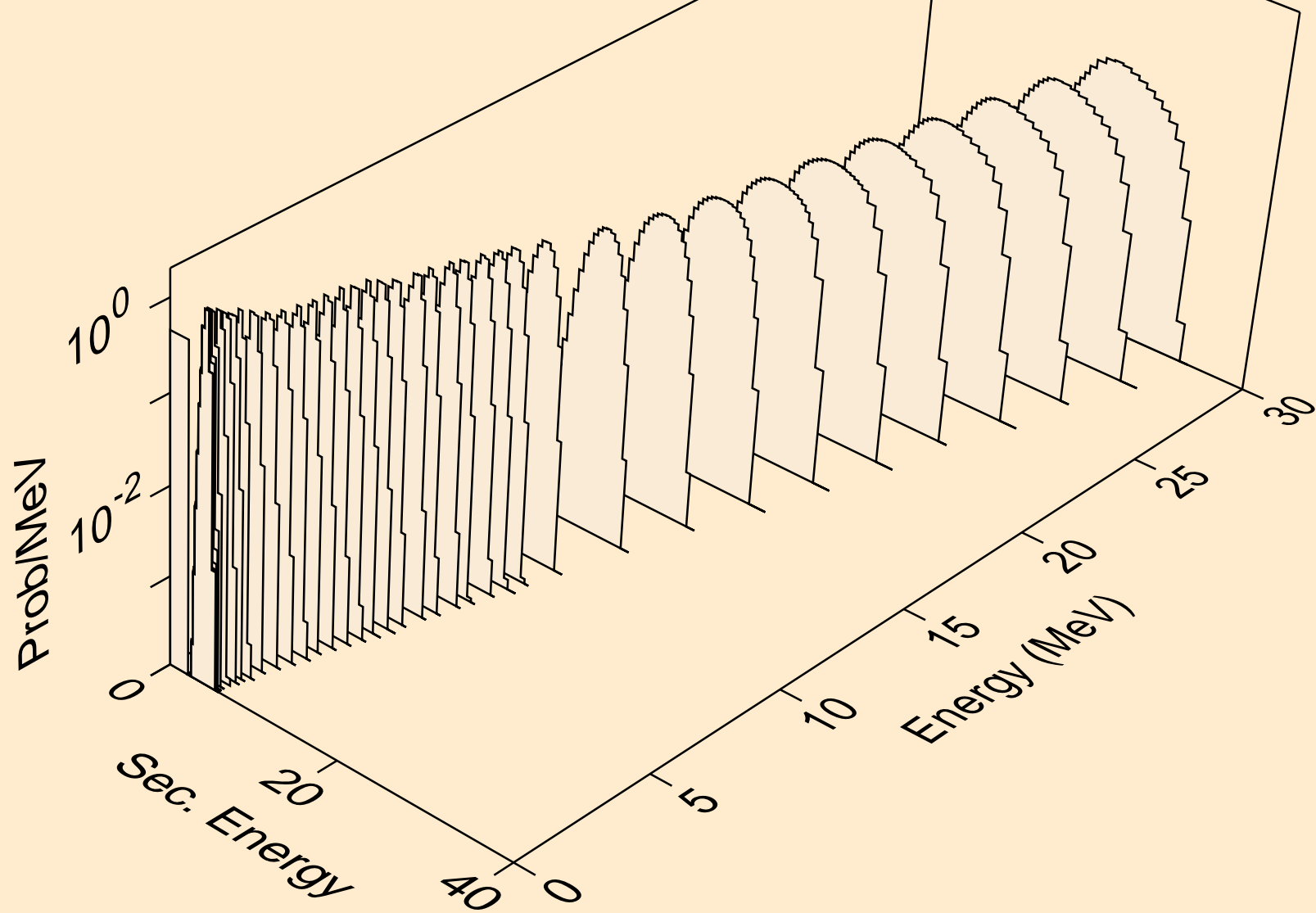
Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



Y080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

