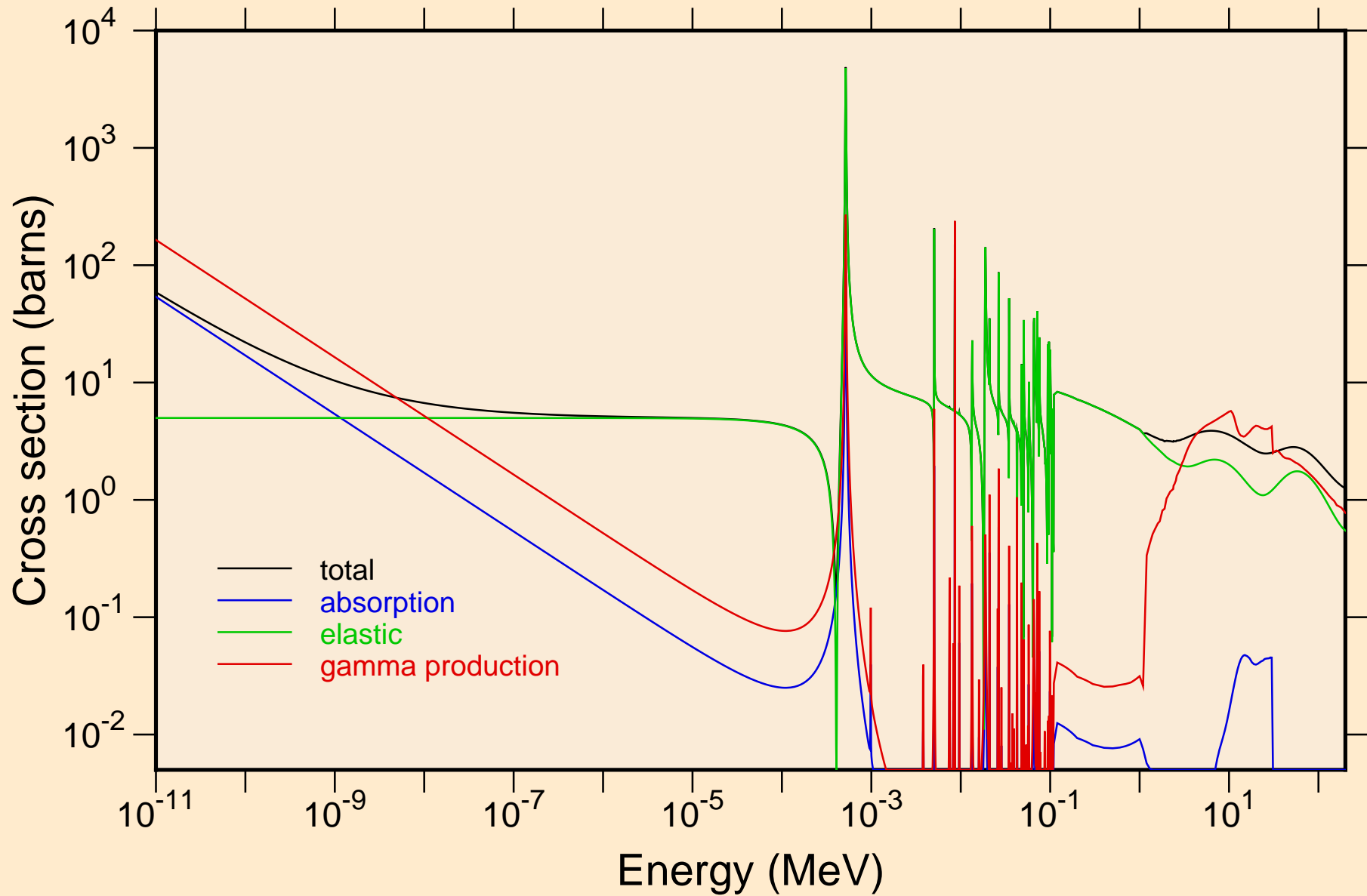
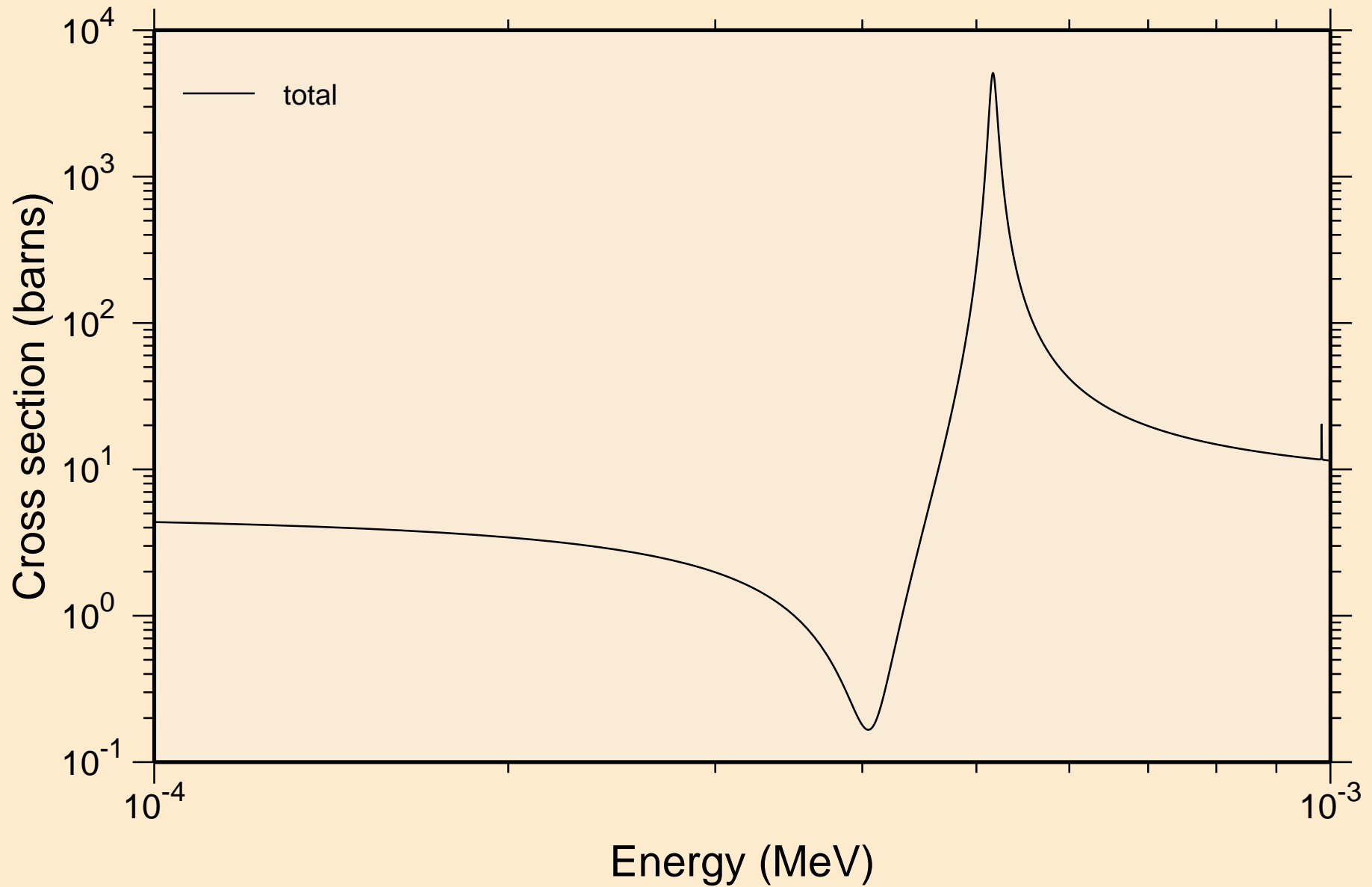


# ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

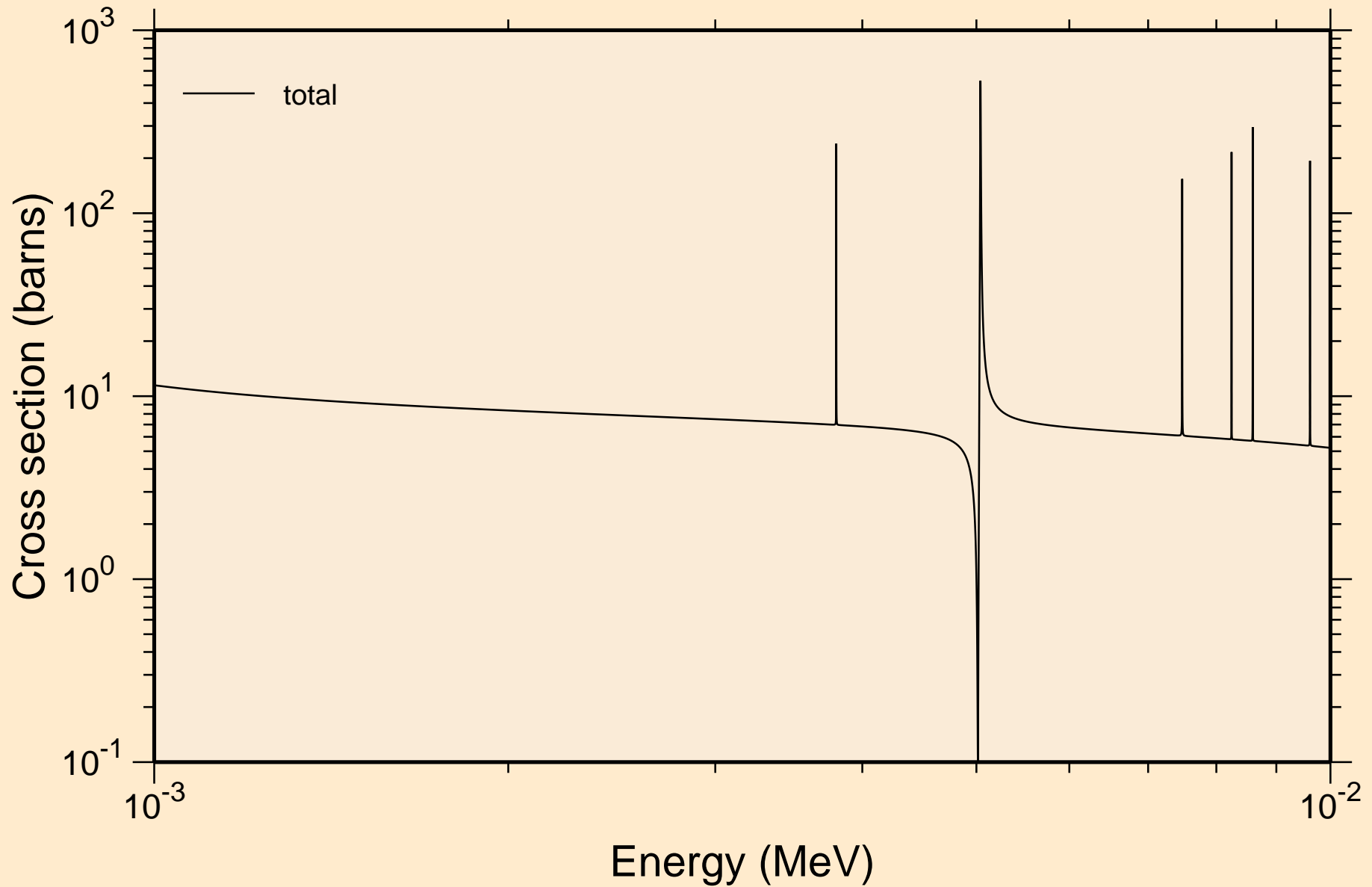
## Principal cross sections



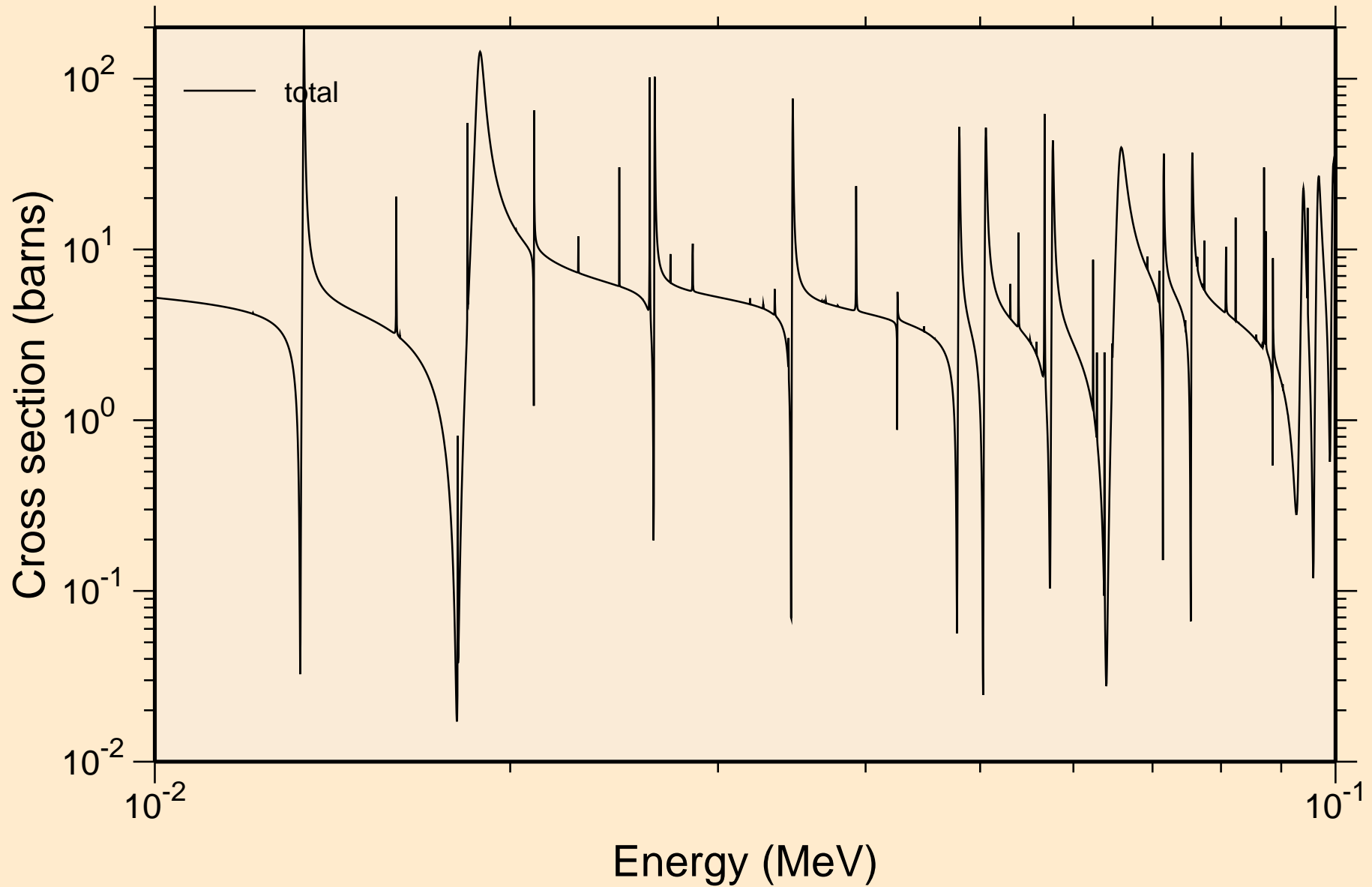
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



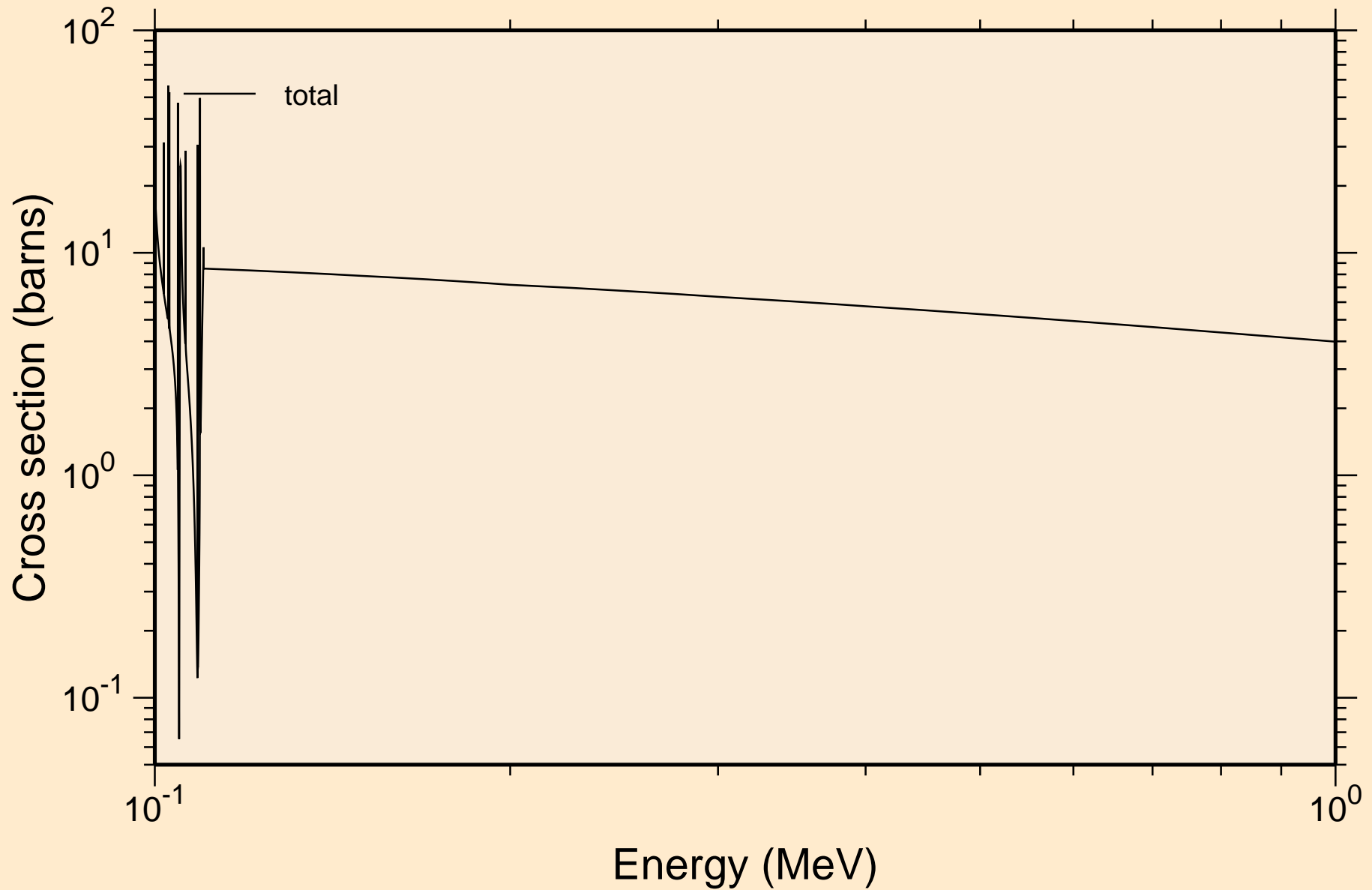
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



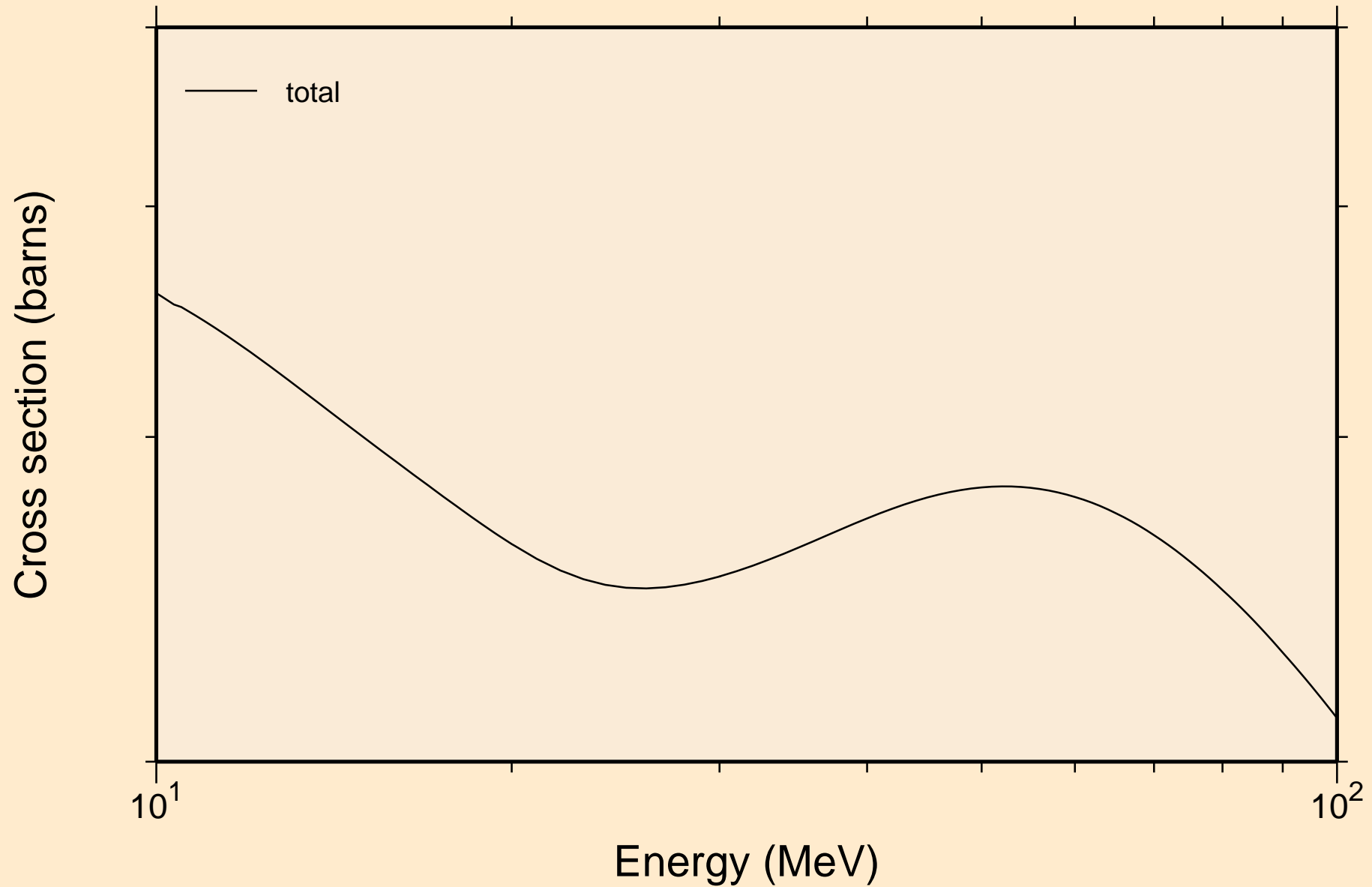
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



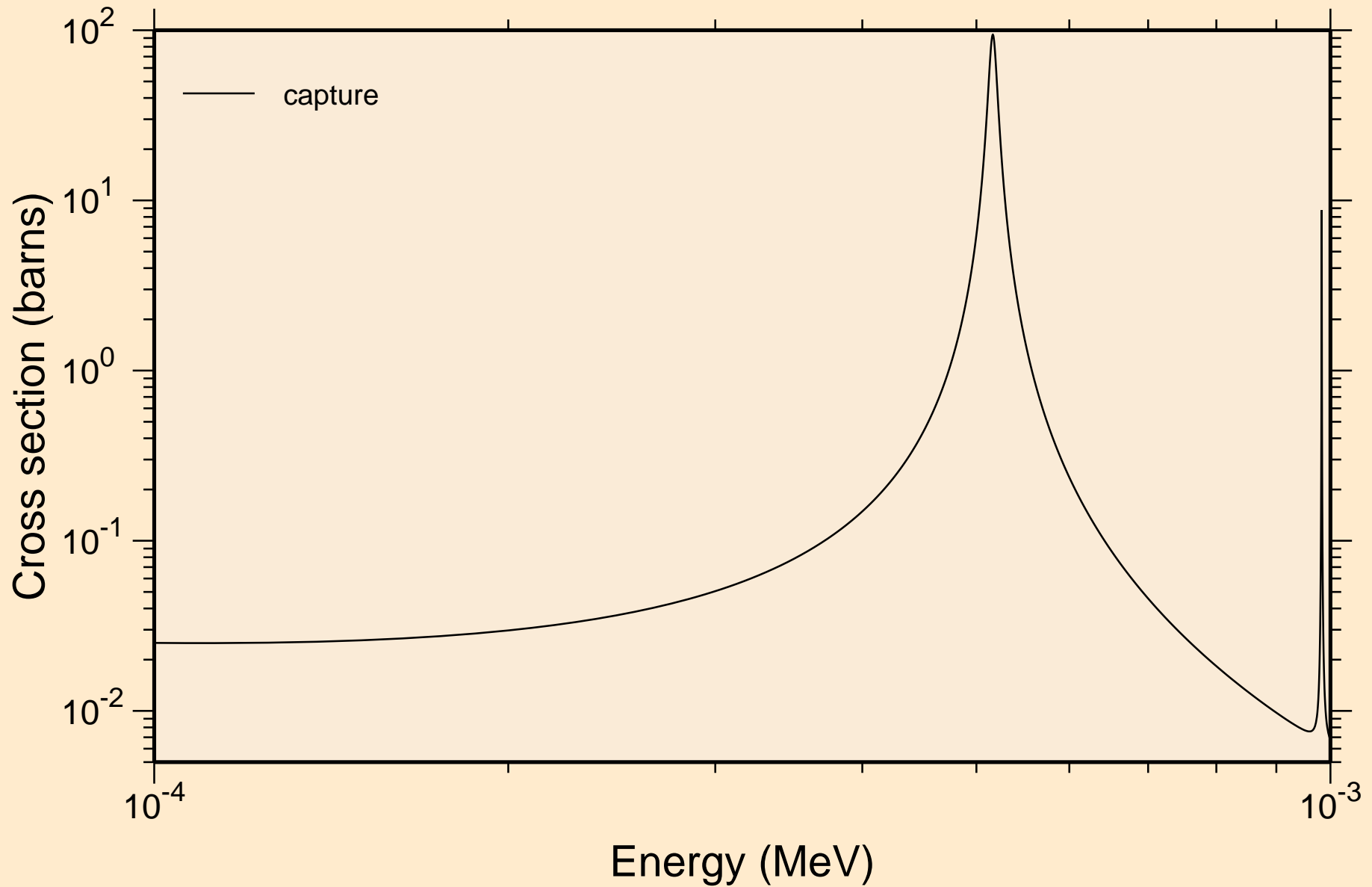
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



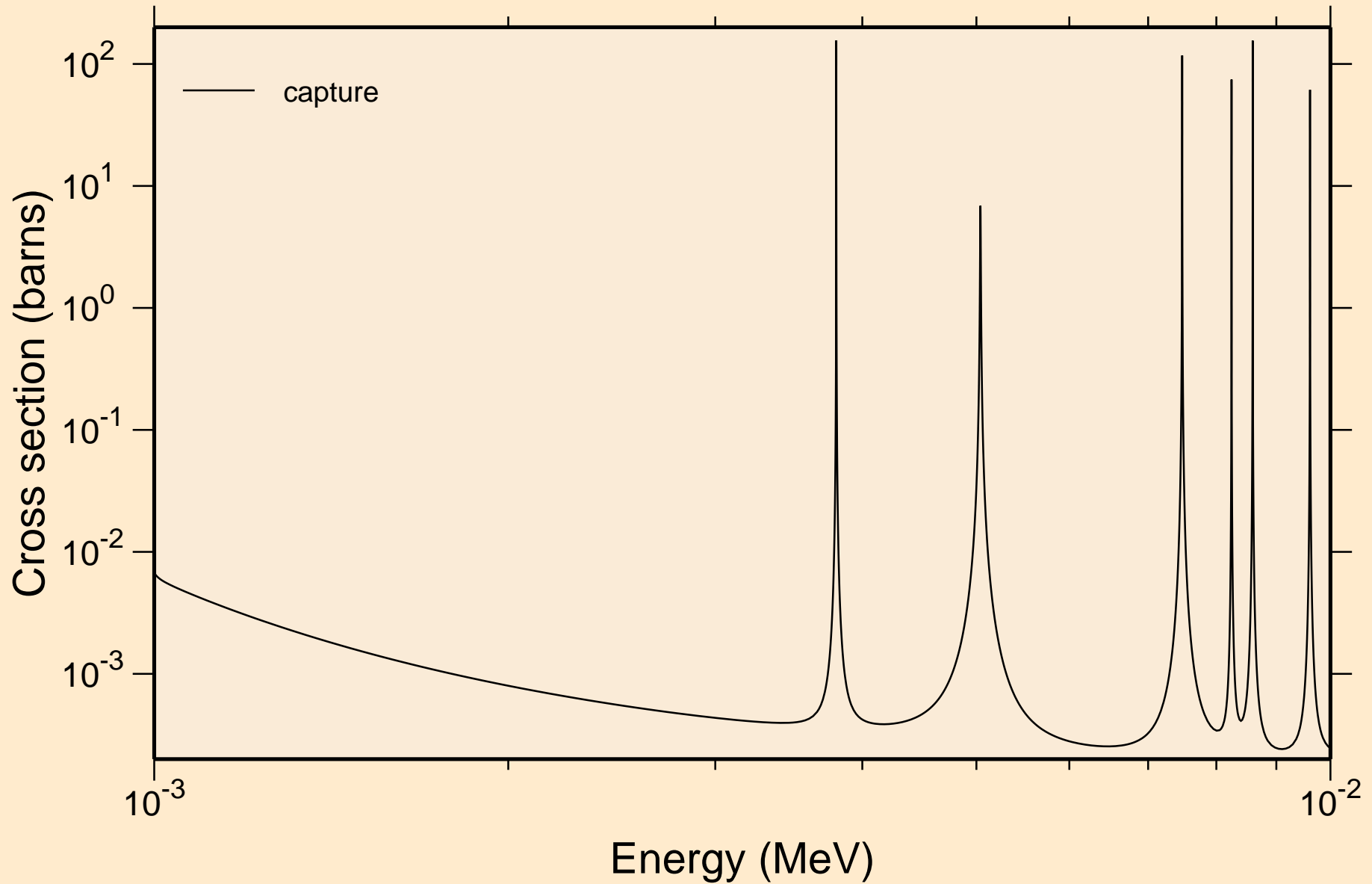
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

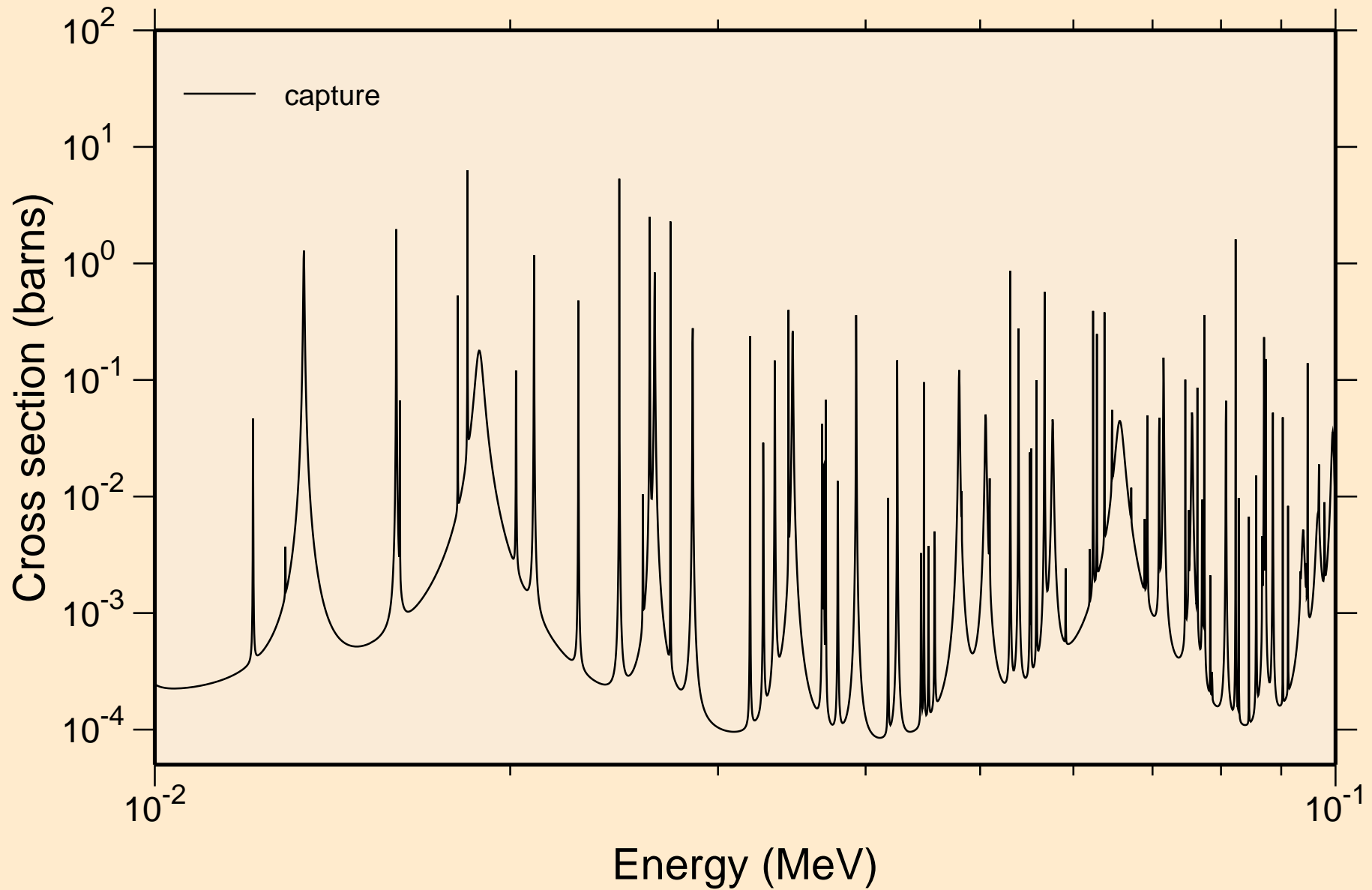


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

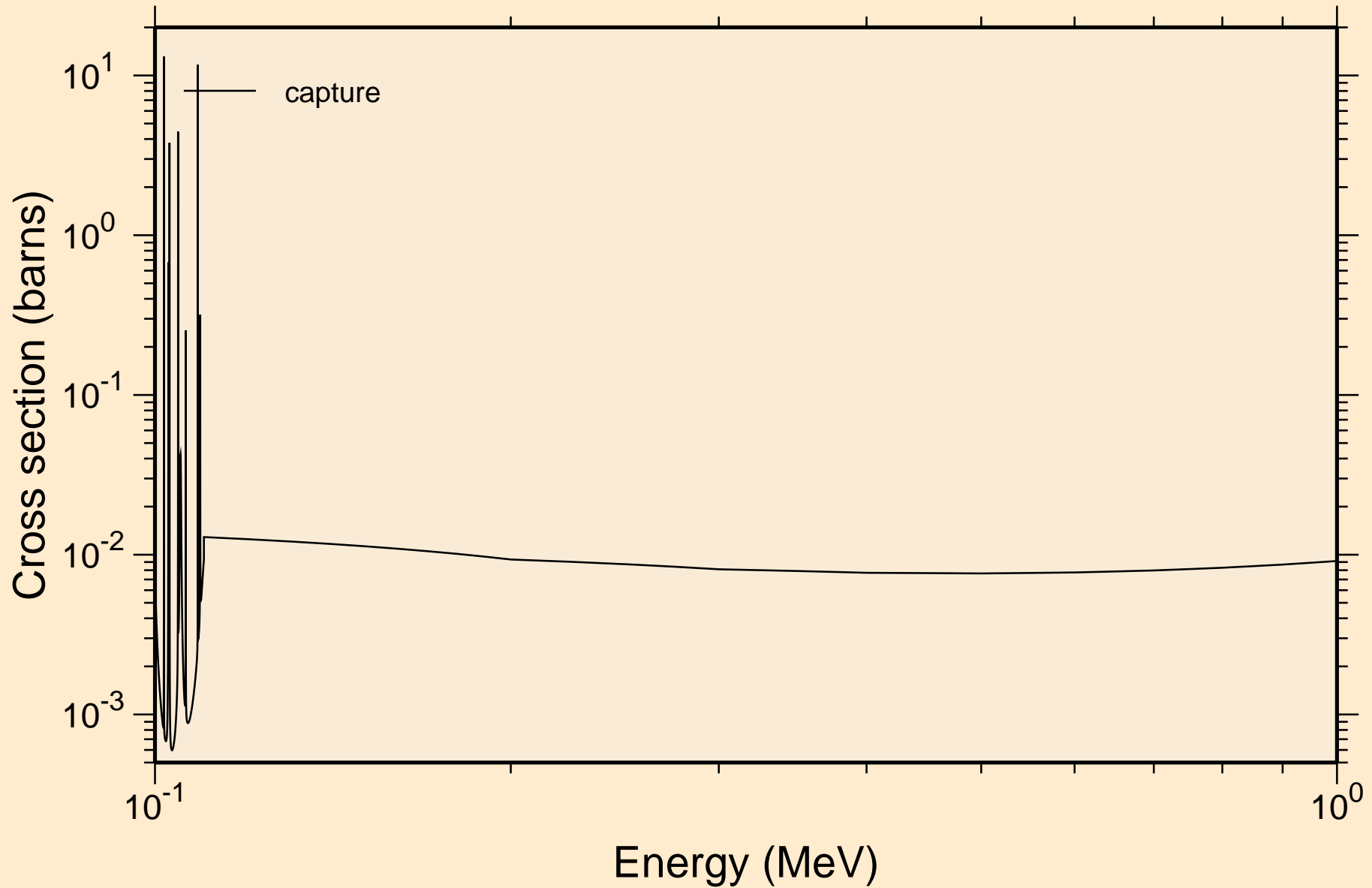




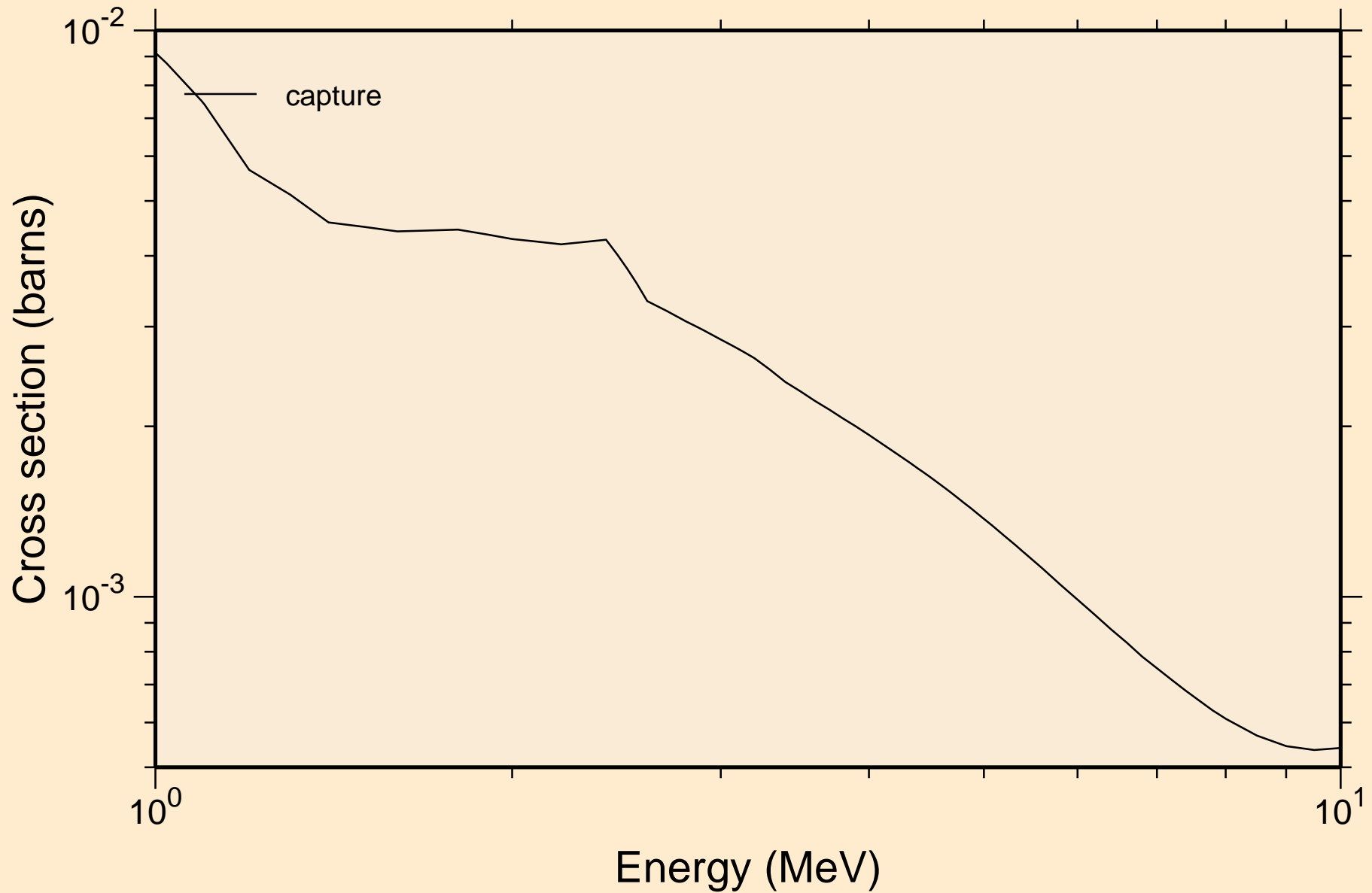
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

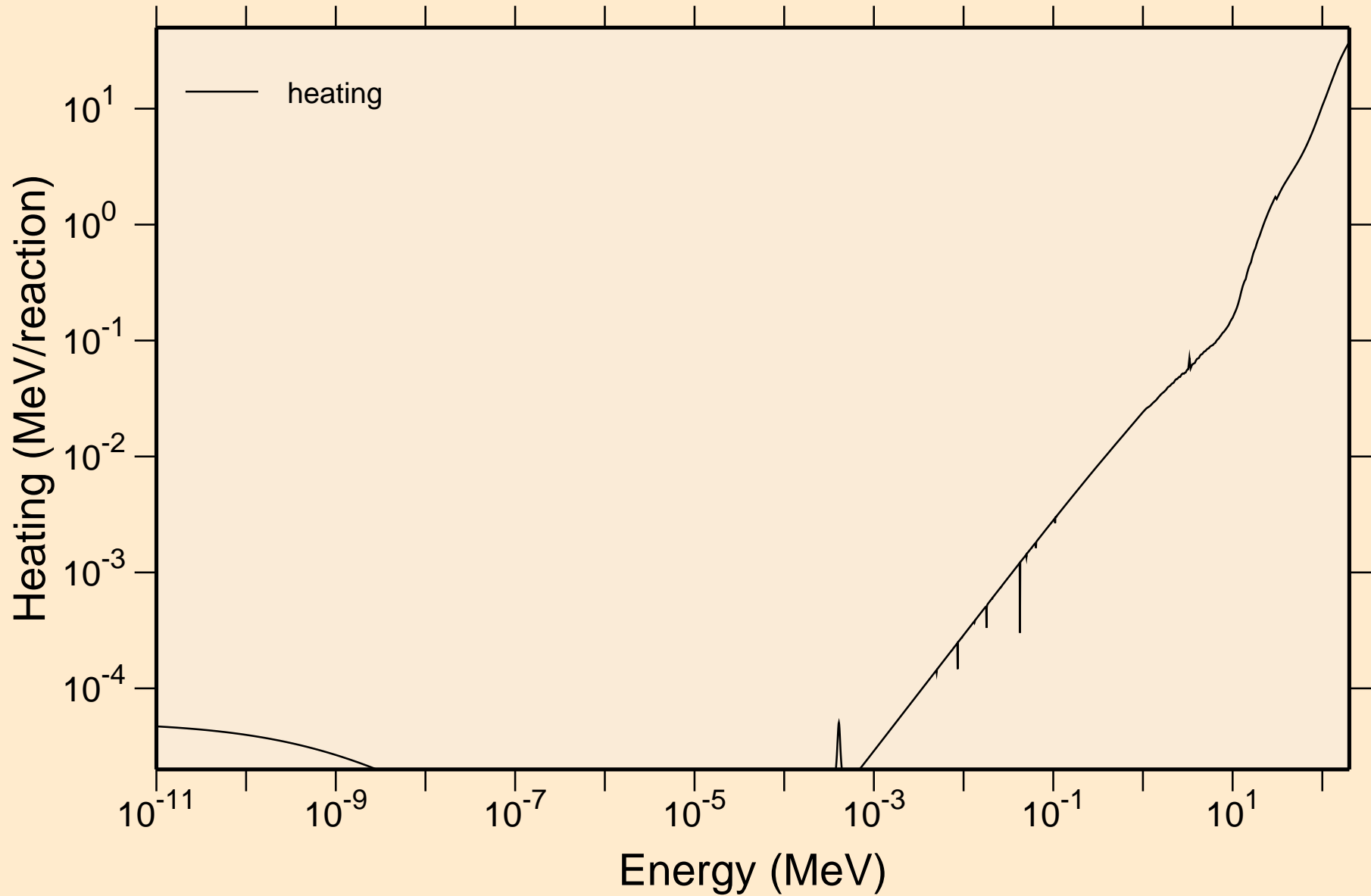


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

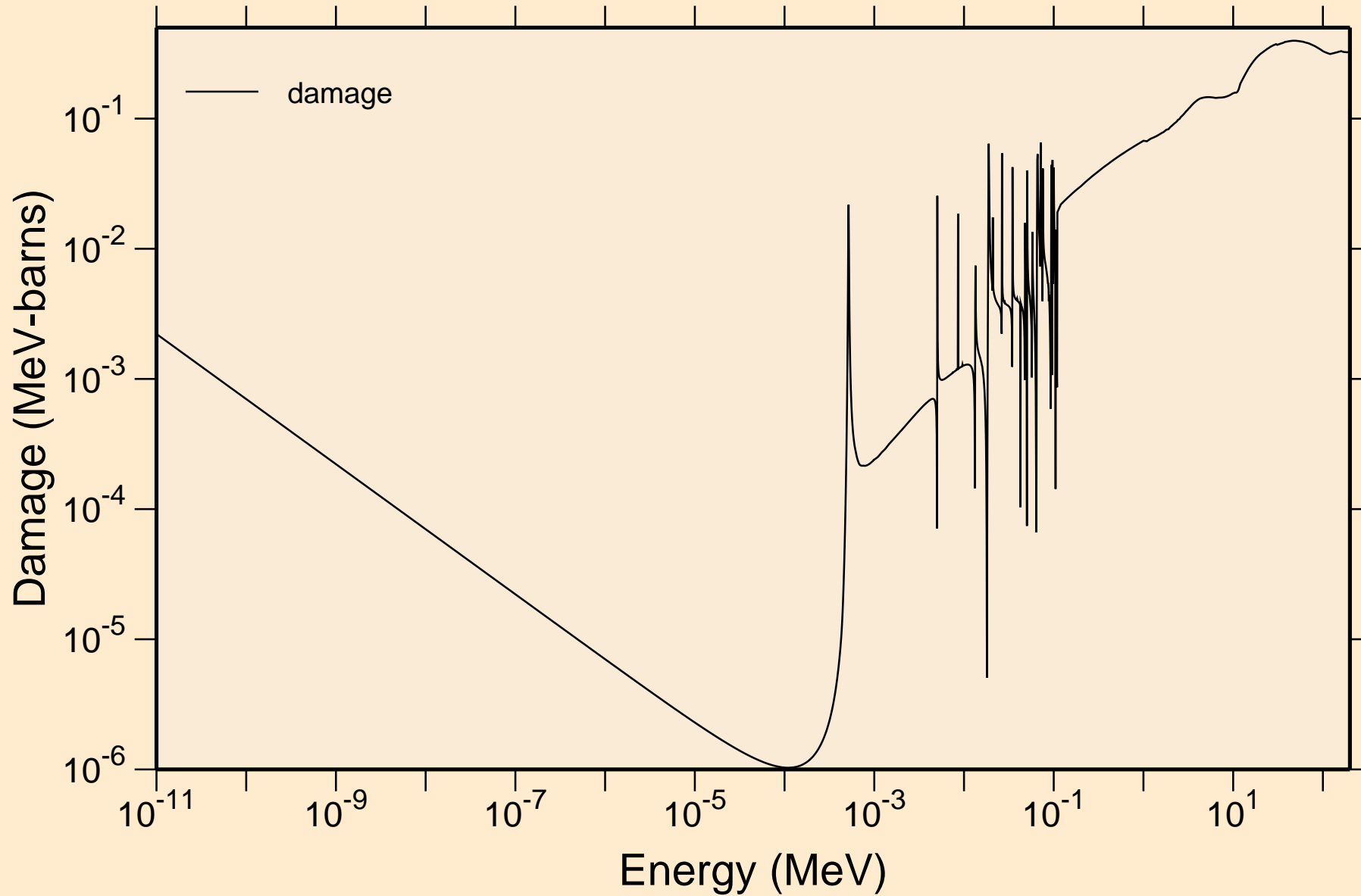


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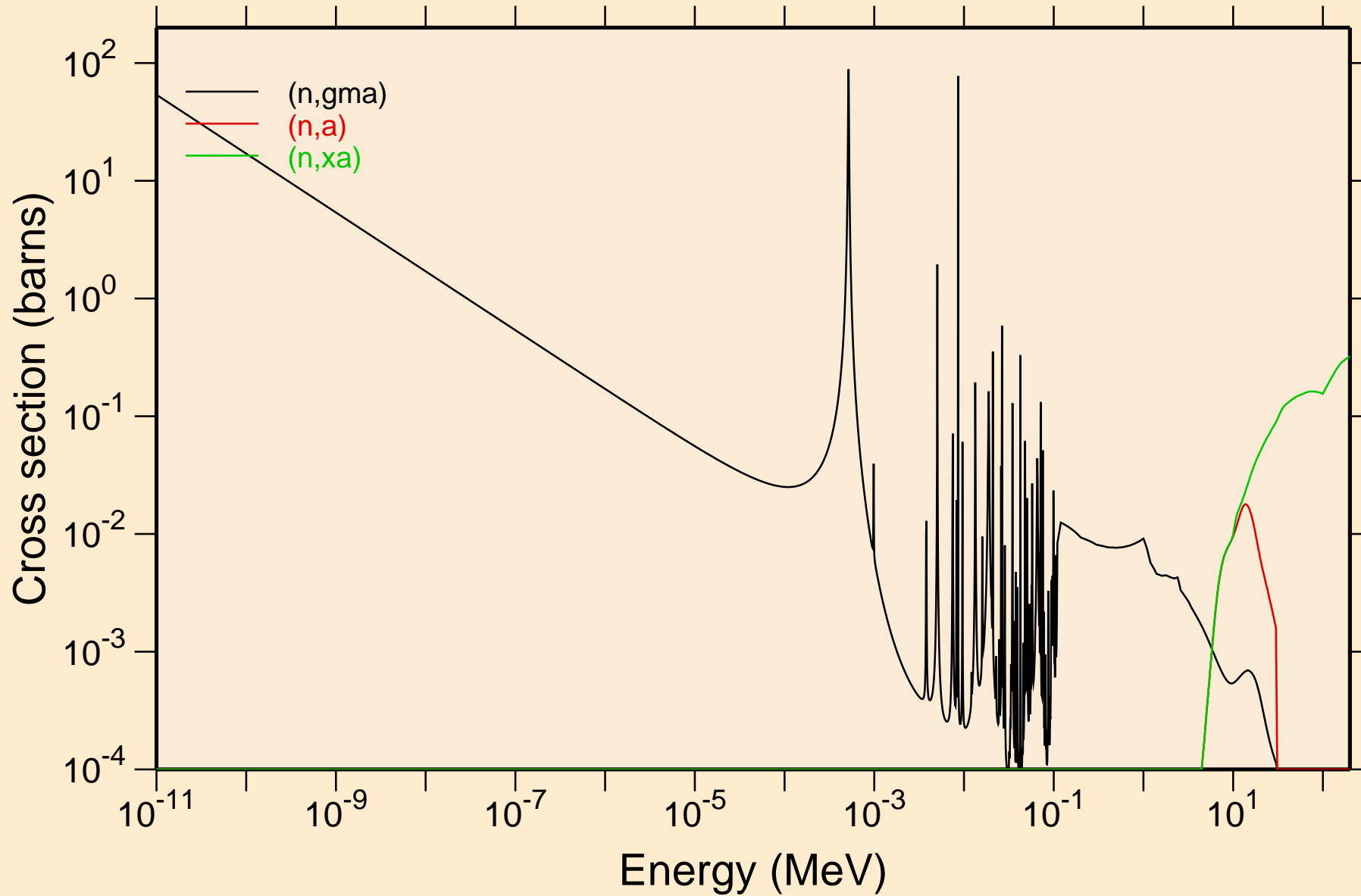
## Heating



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

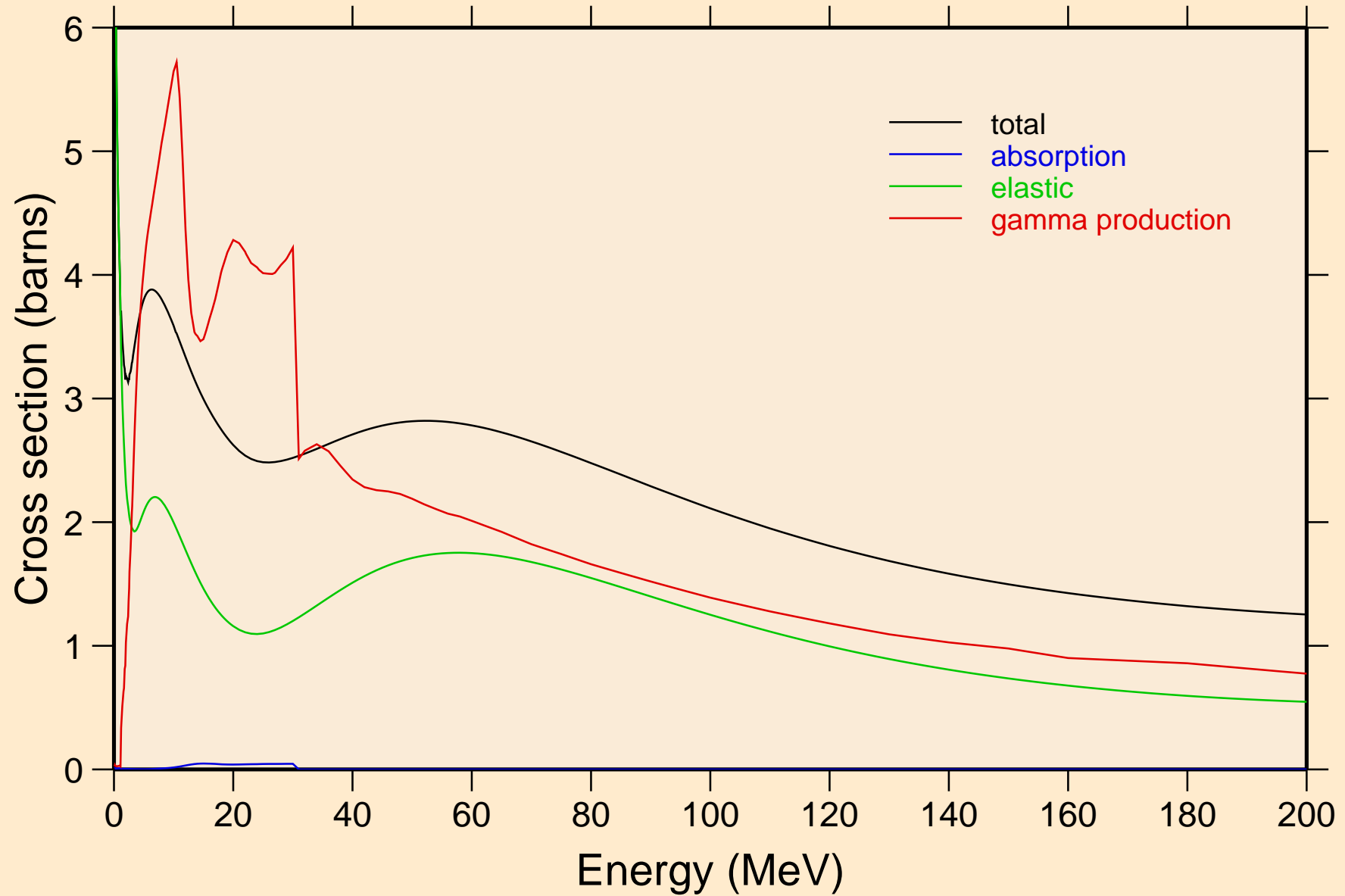


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



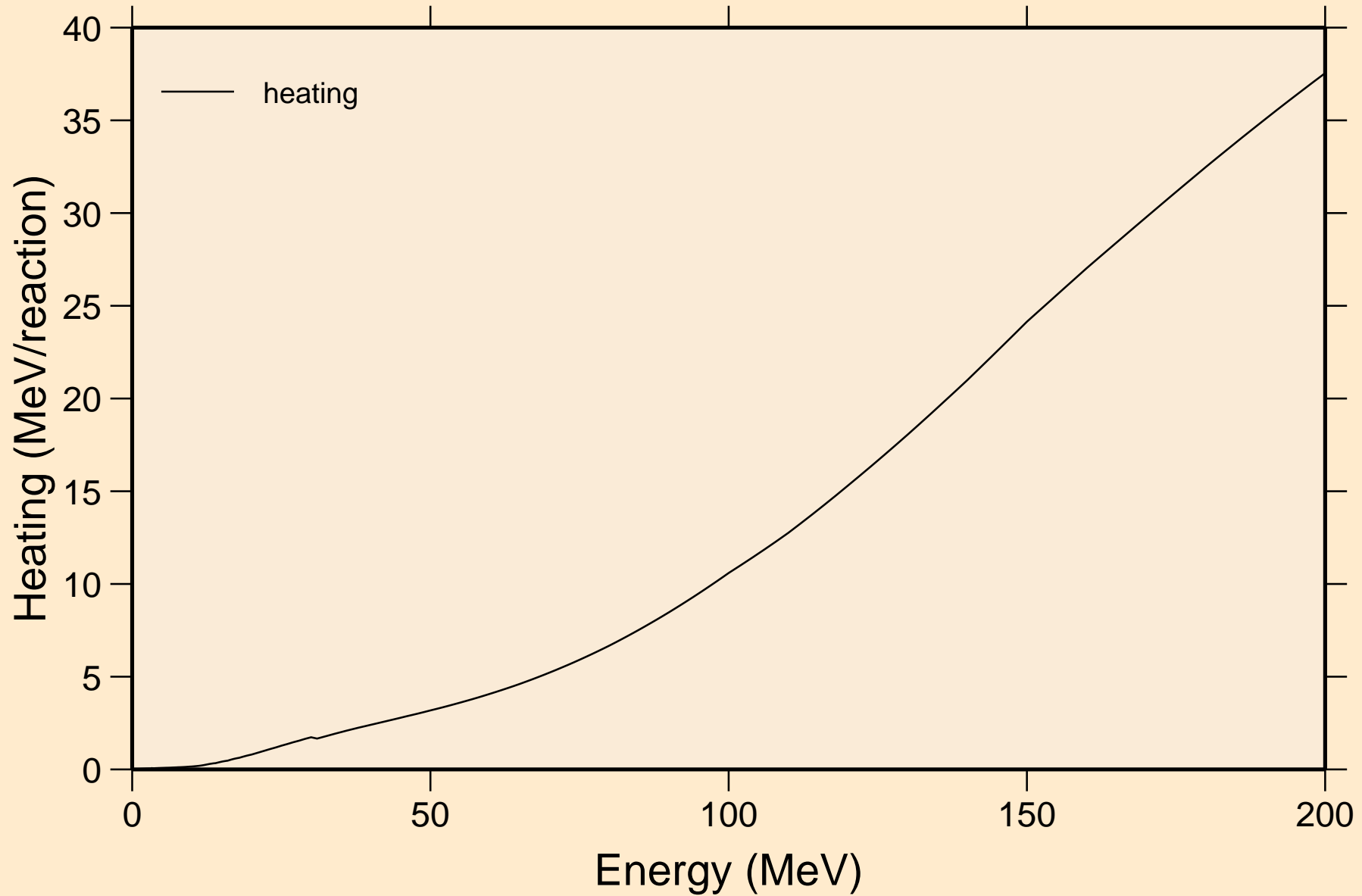
# ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



# ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

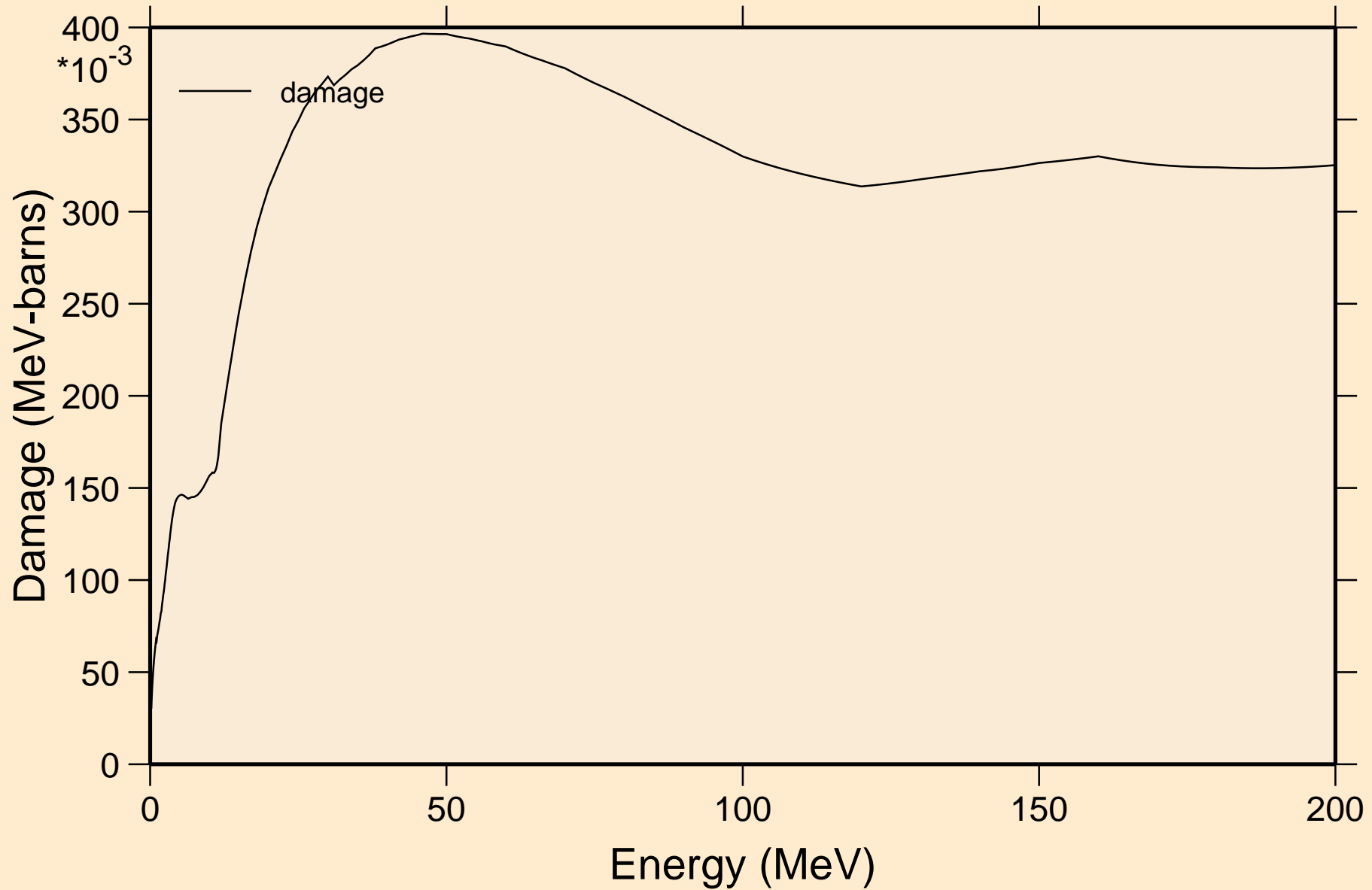
## Heating



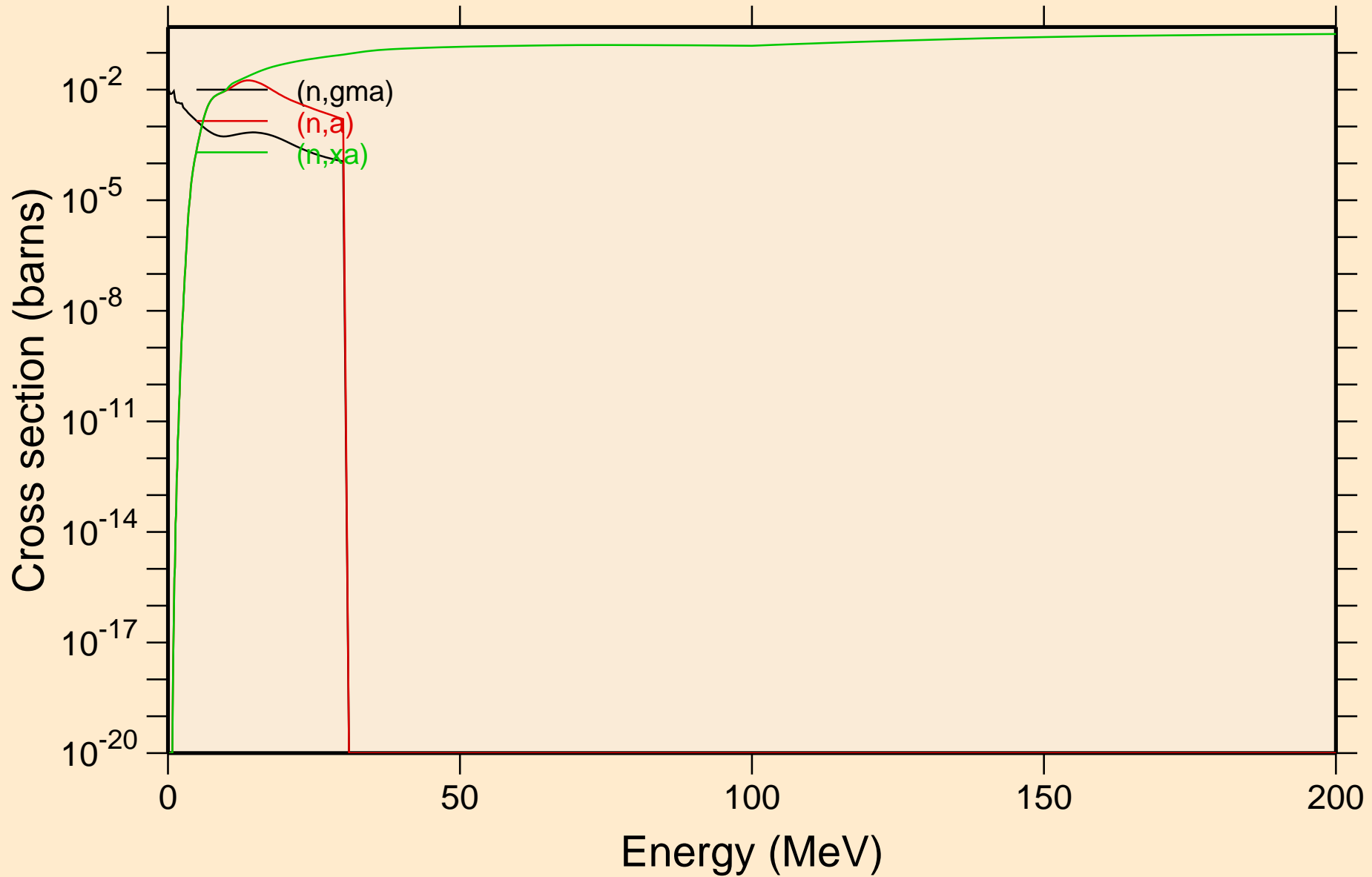


# ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

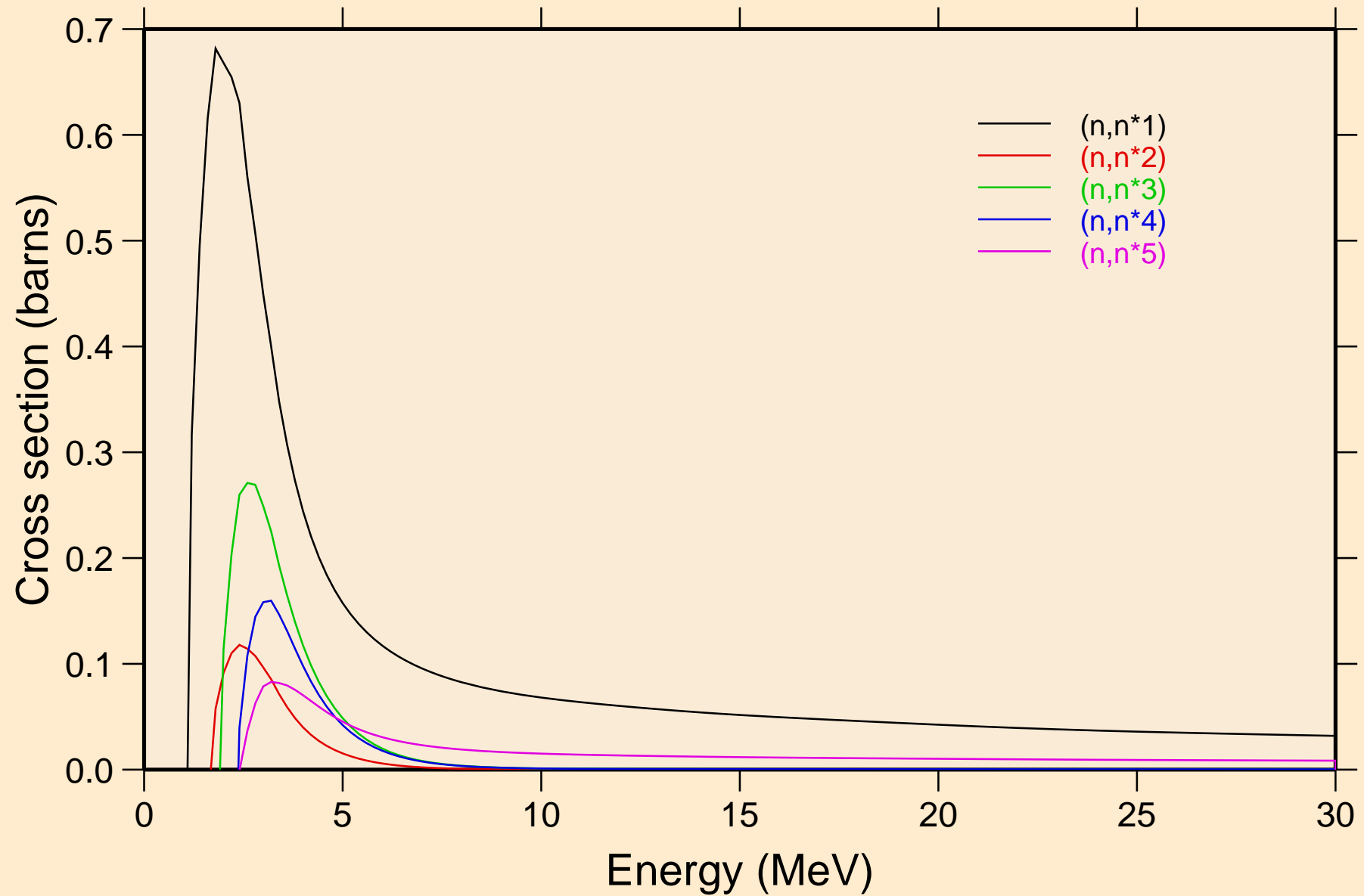
## Damage



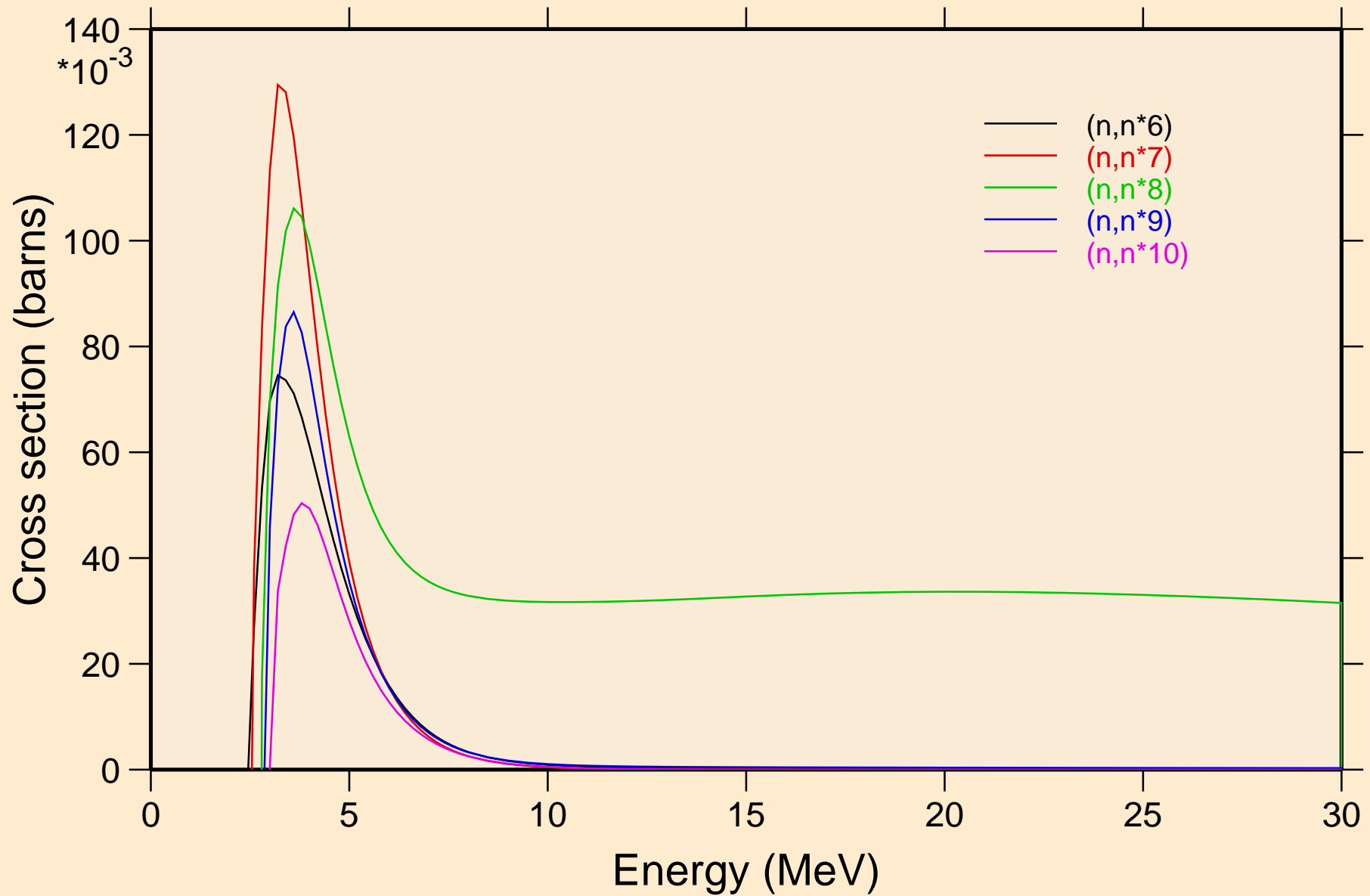
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



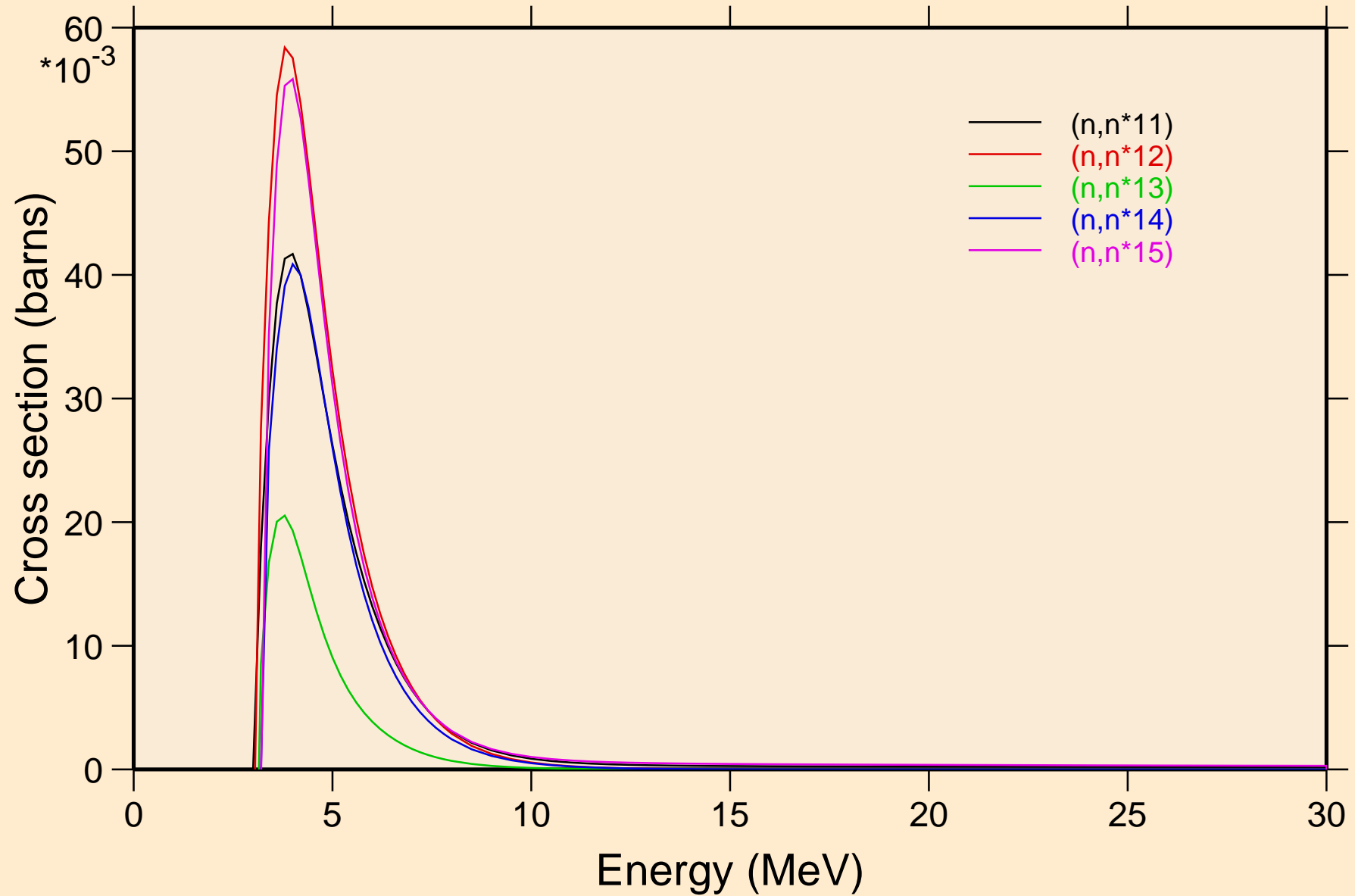
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



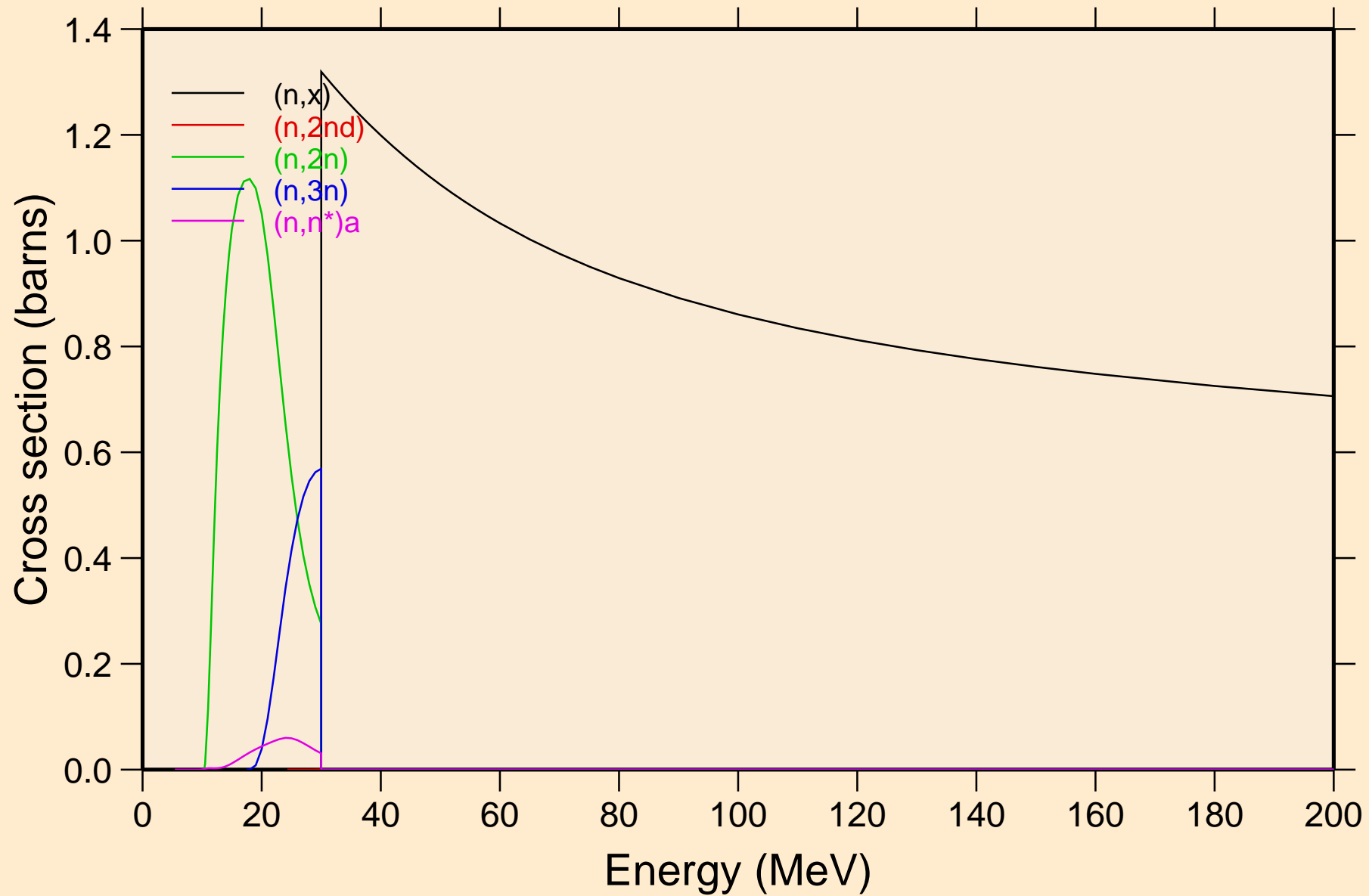
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

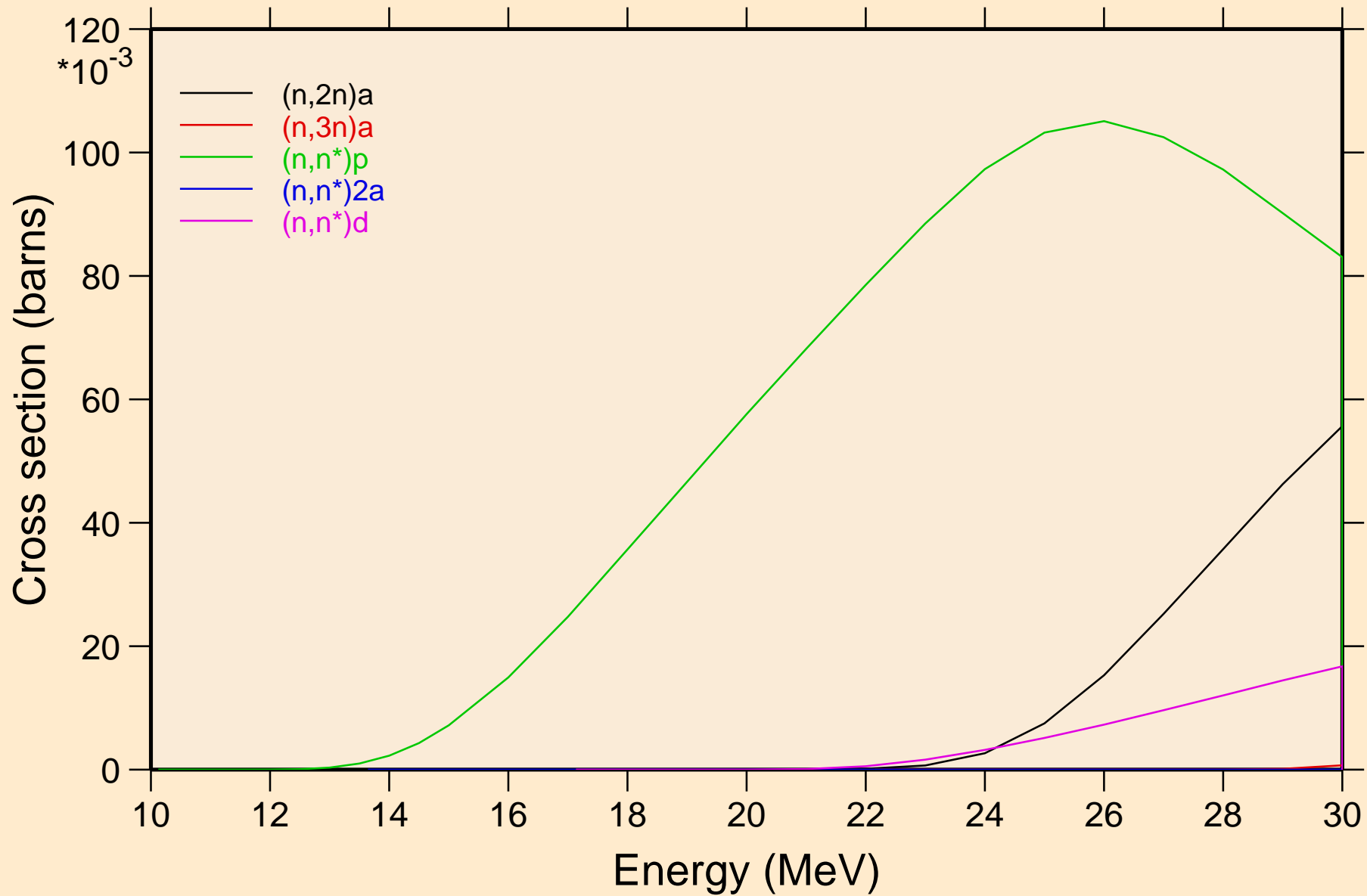


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



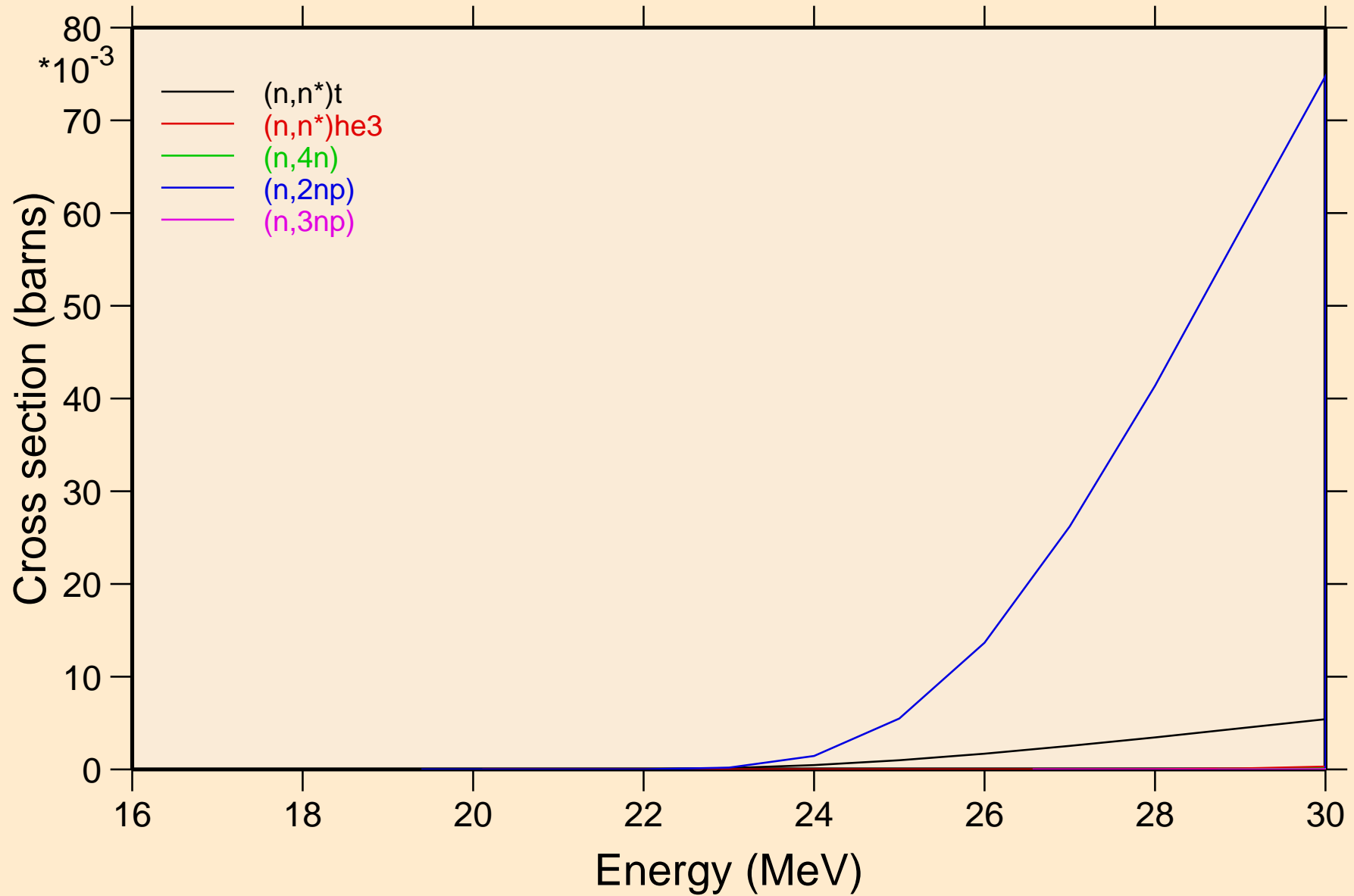
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## Threshold reactions



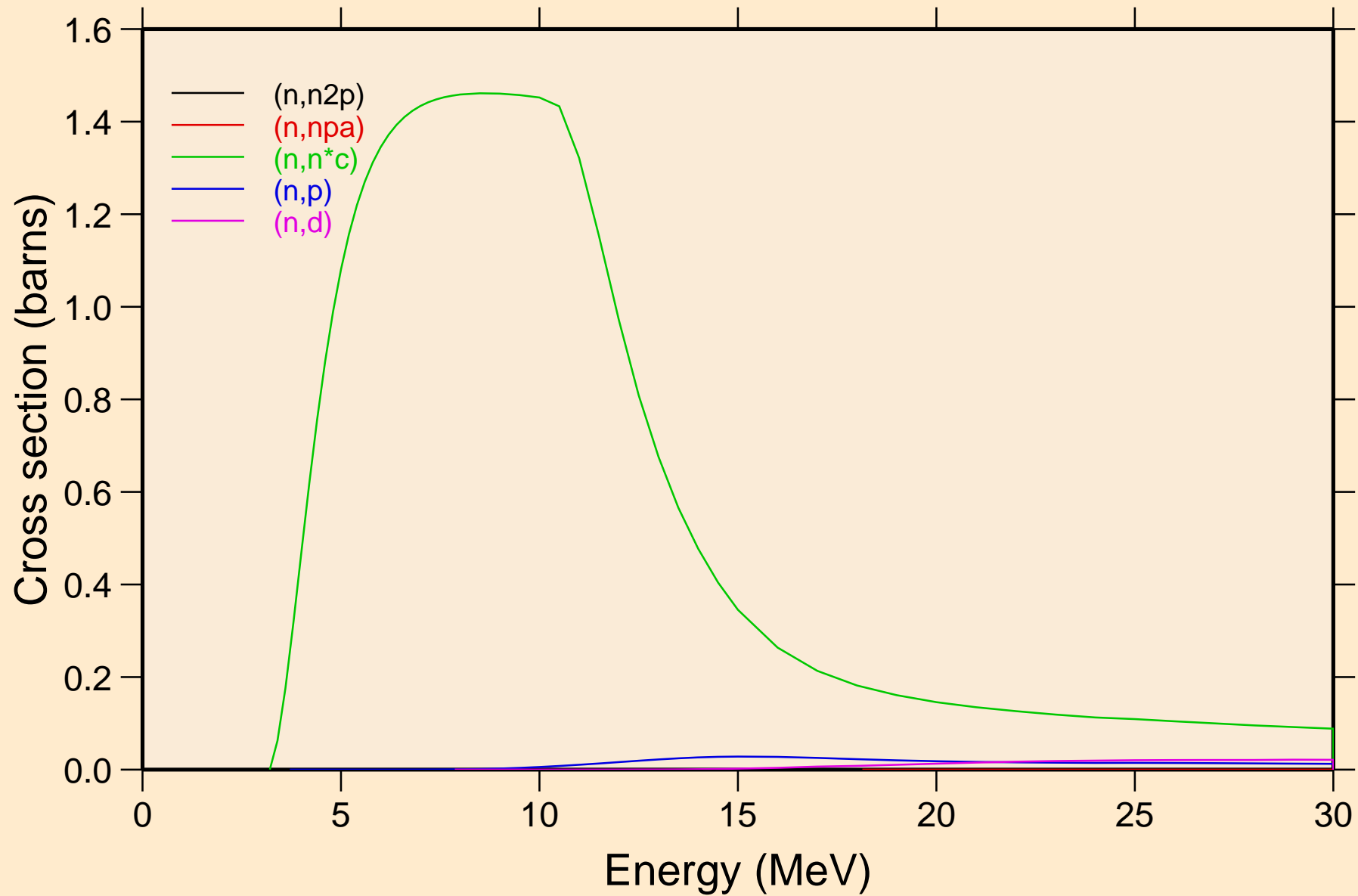
# ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

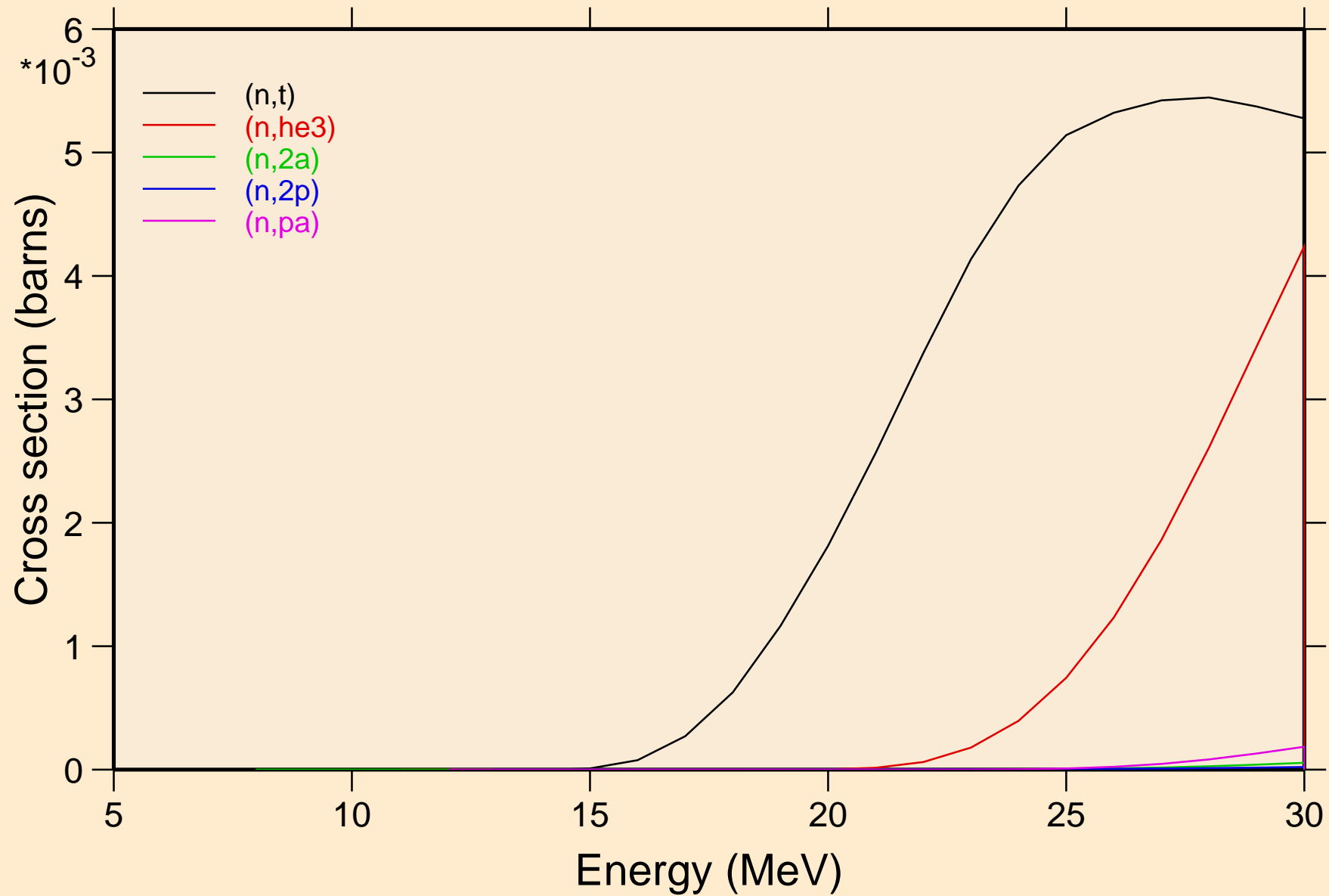




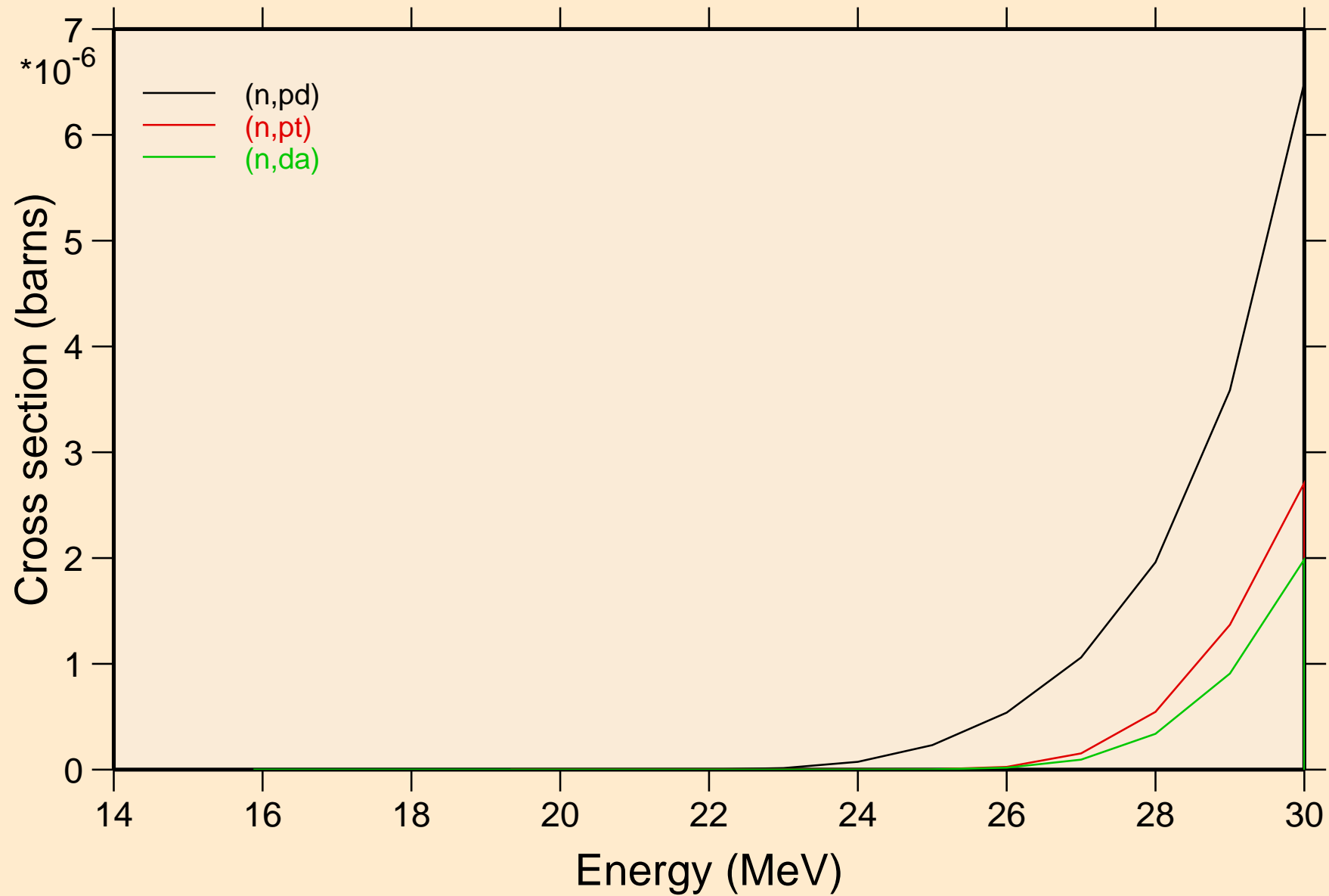
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

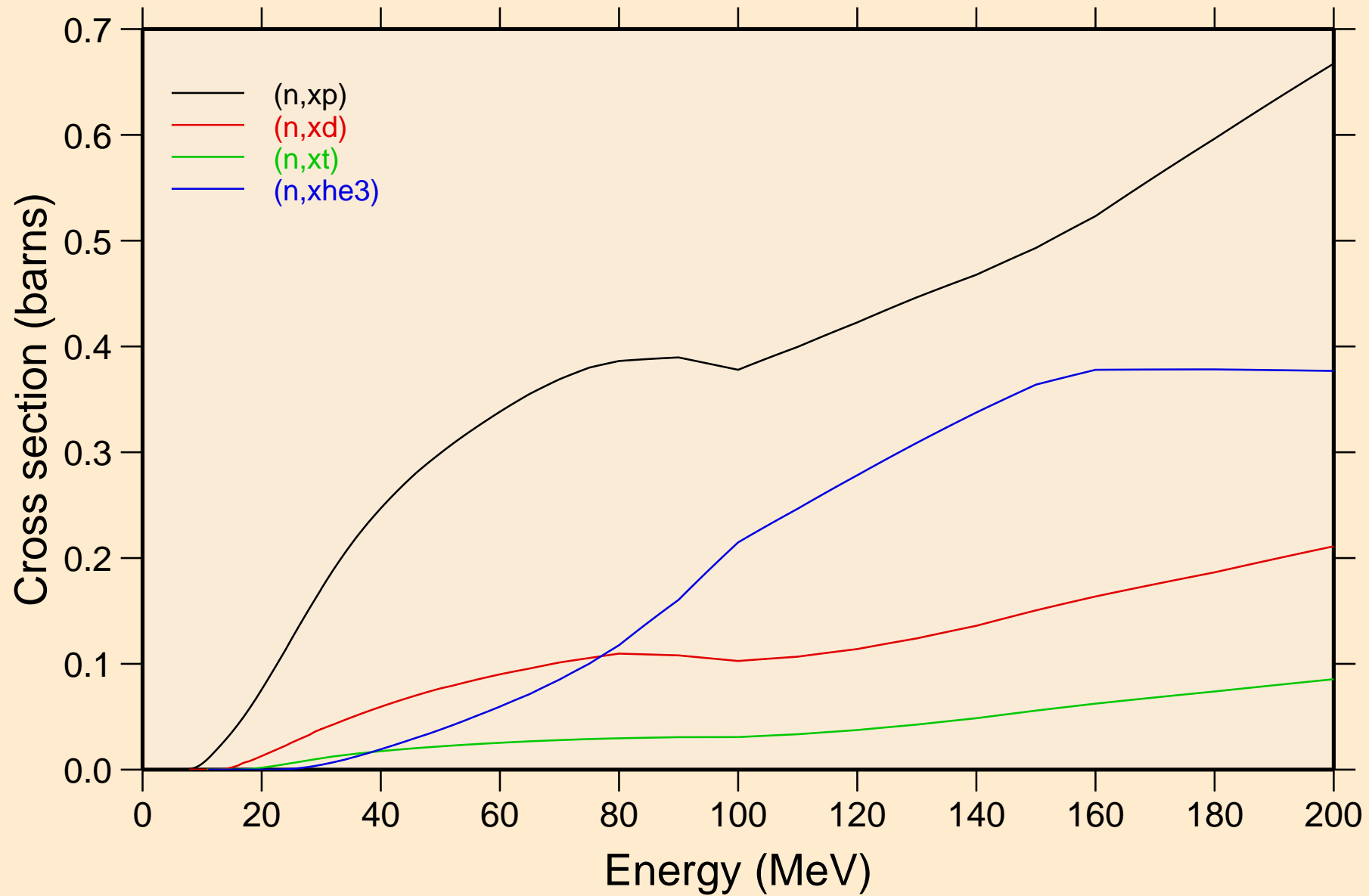


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

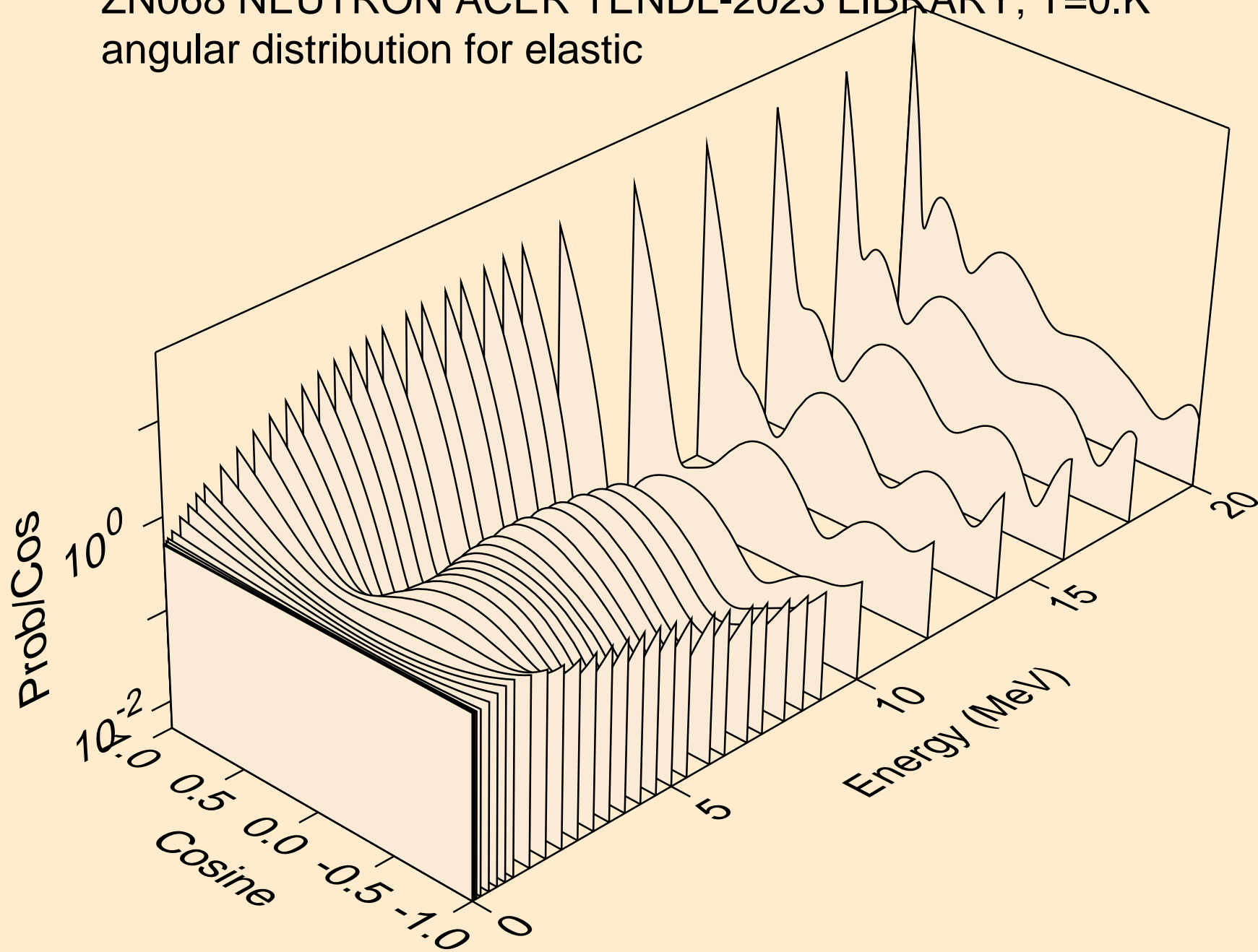


# ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

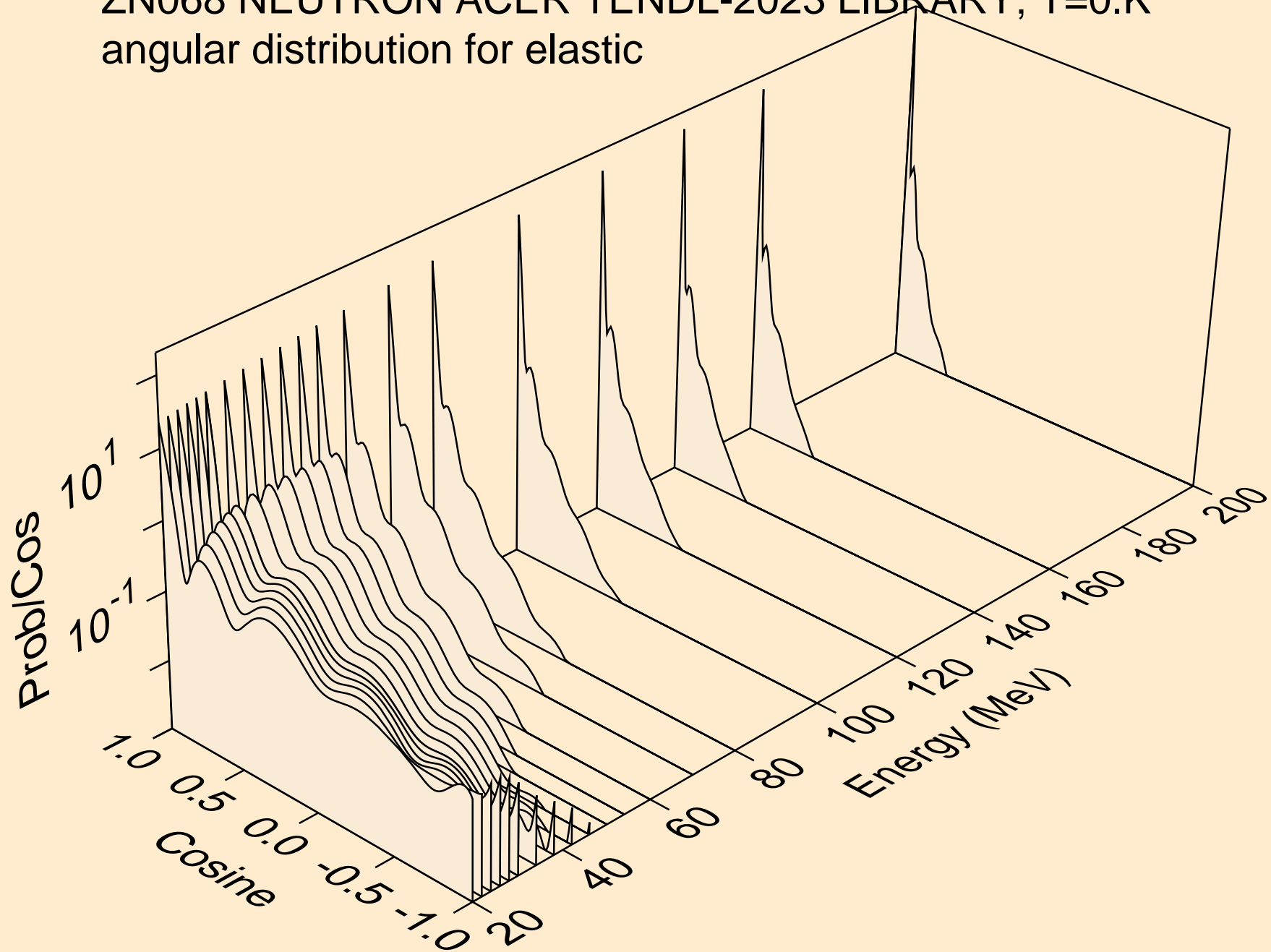
## Threshold reactions



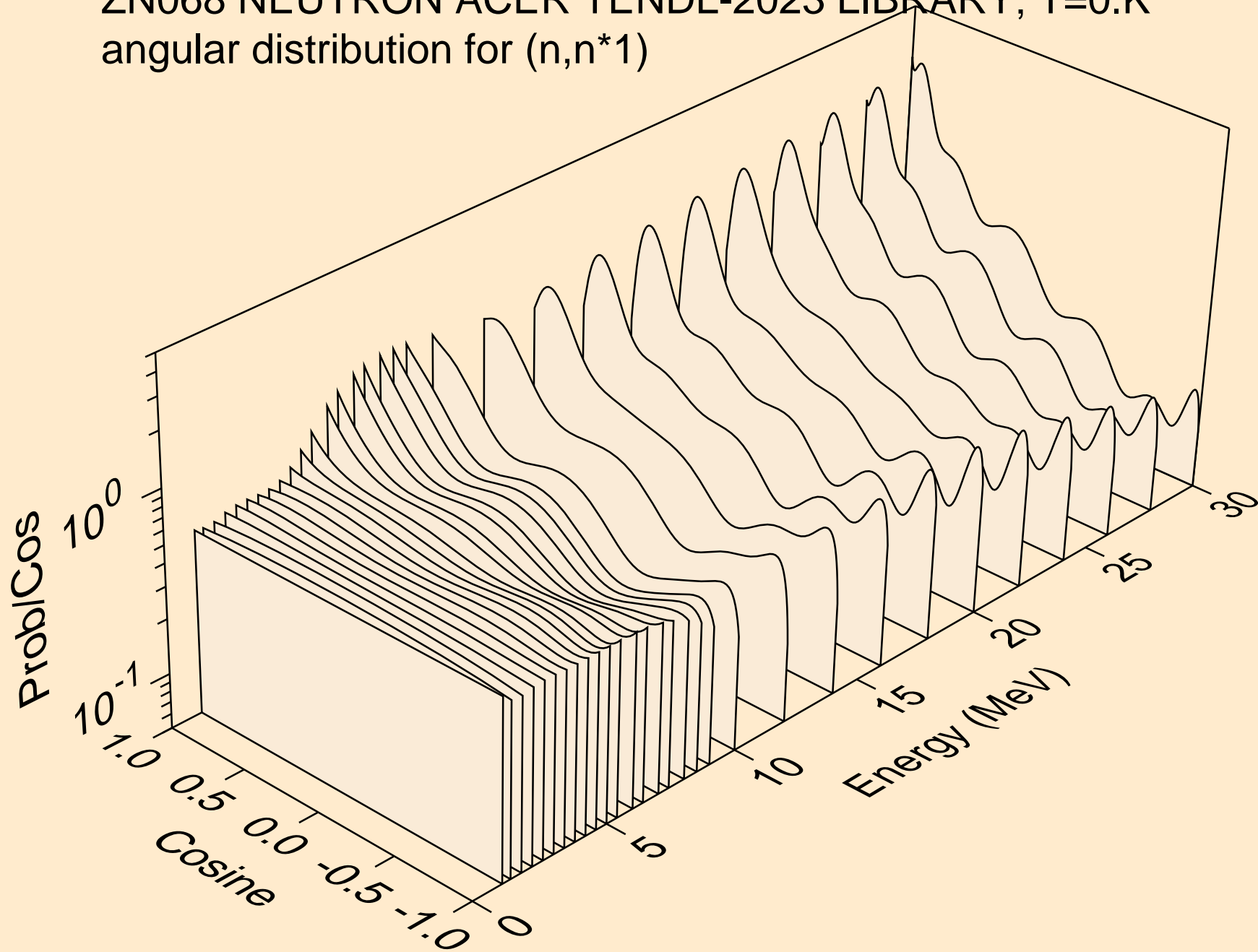
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



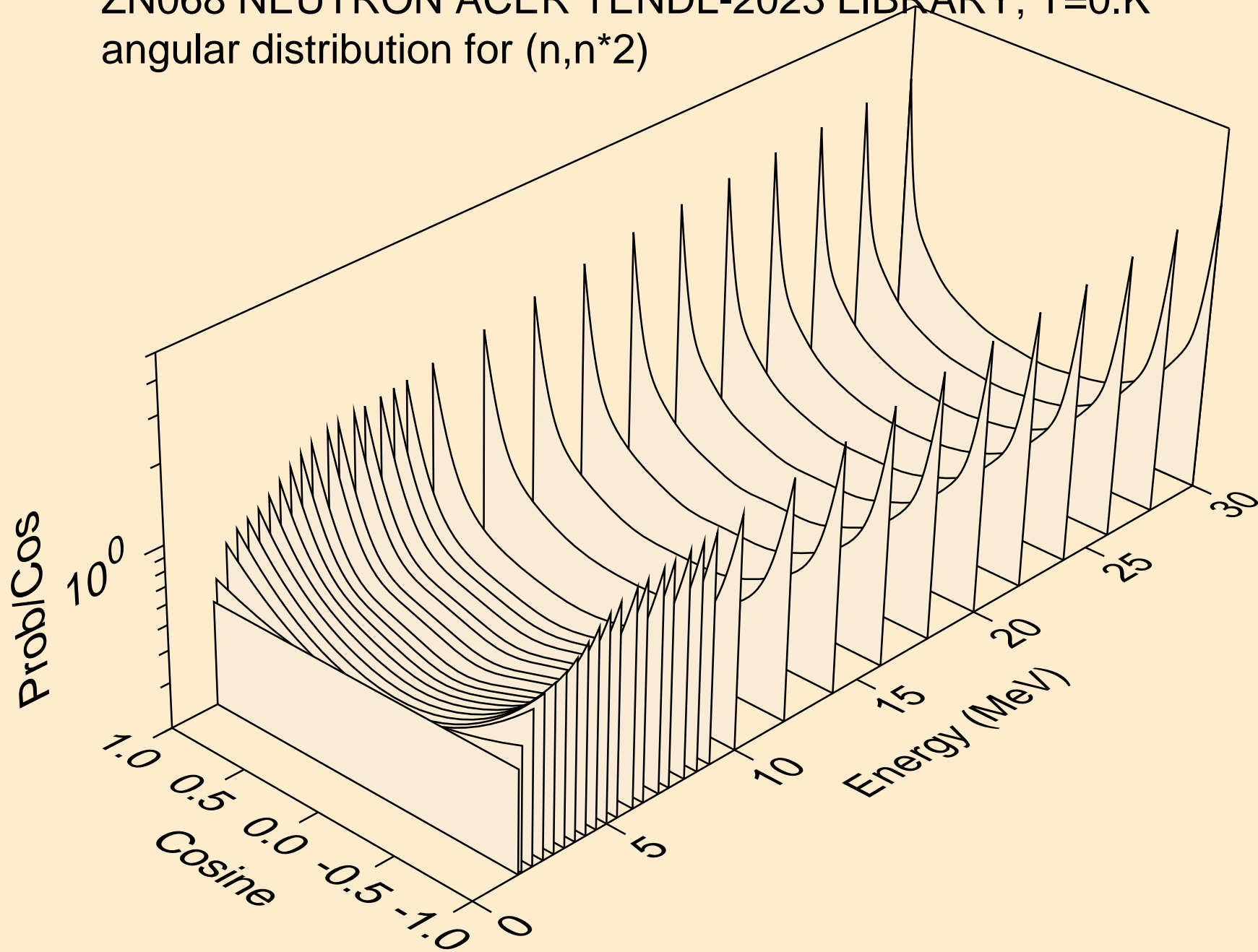
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

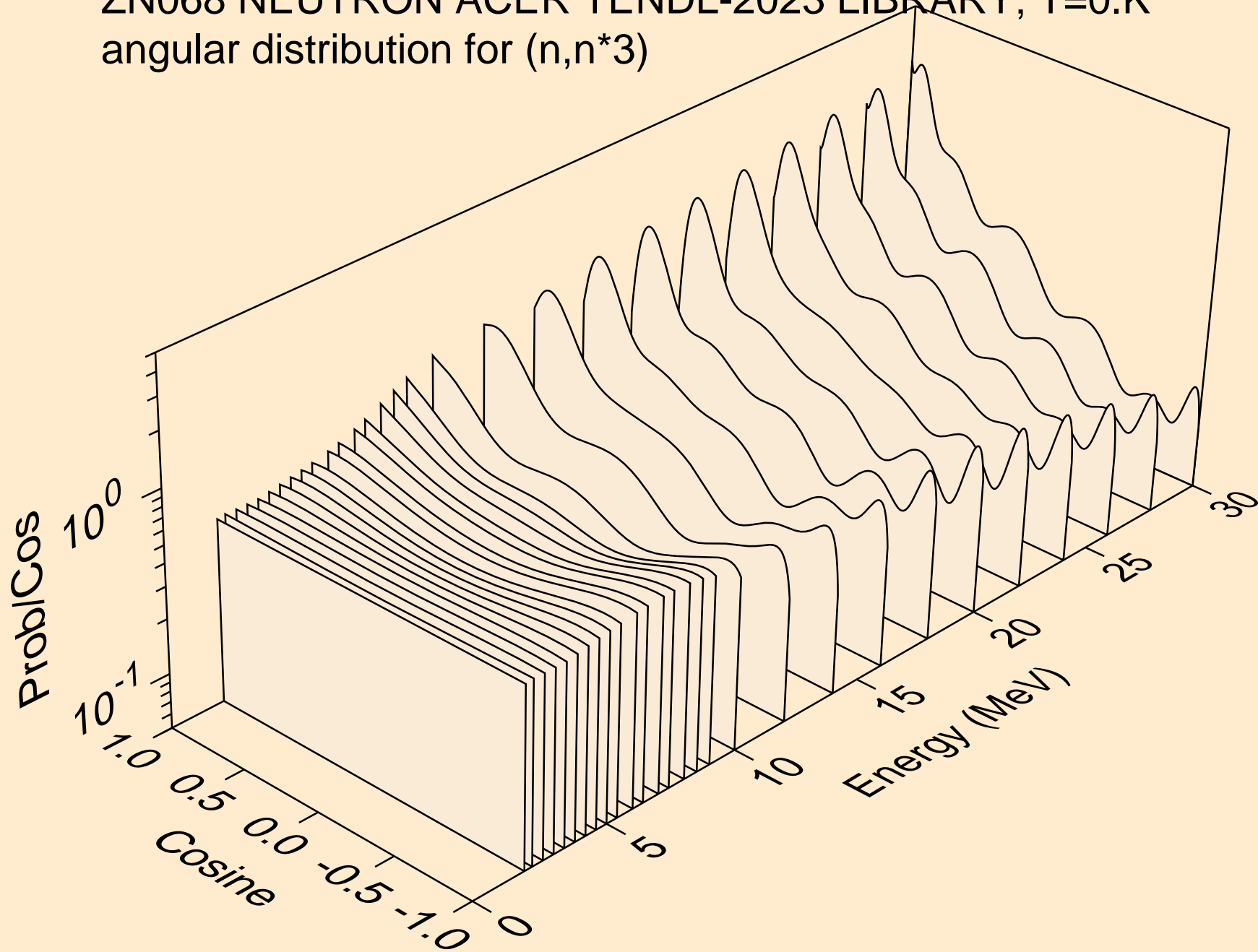


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

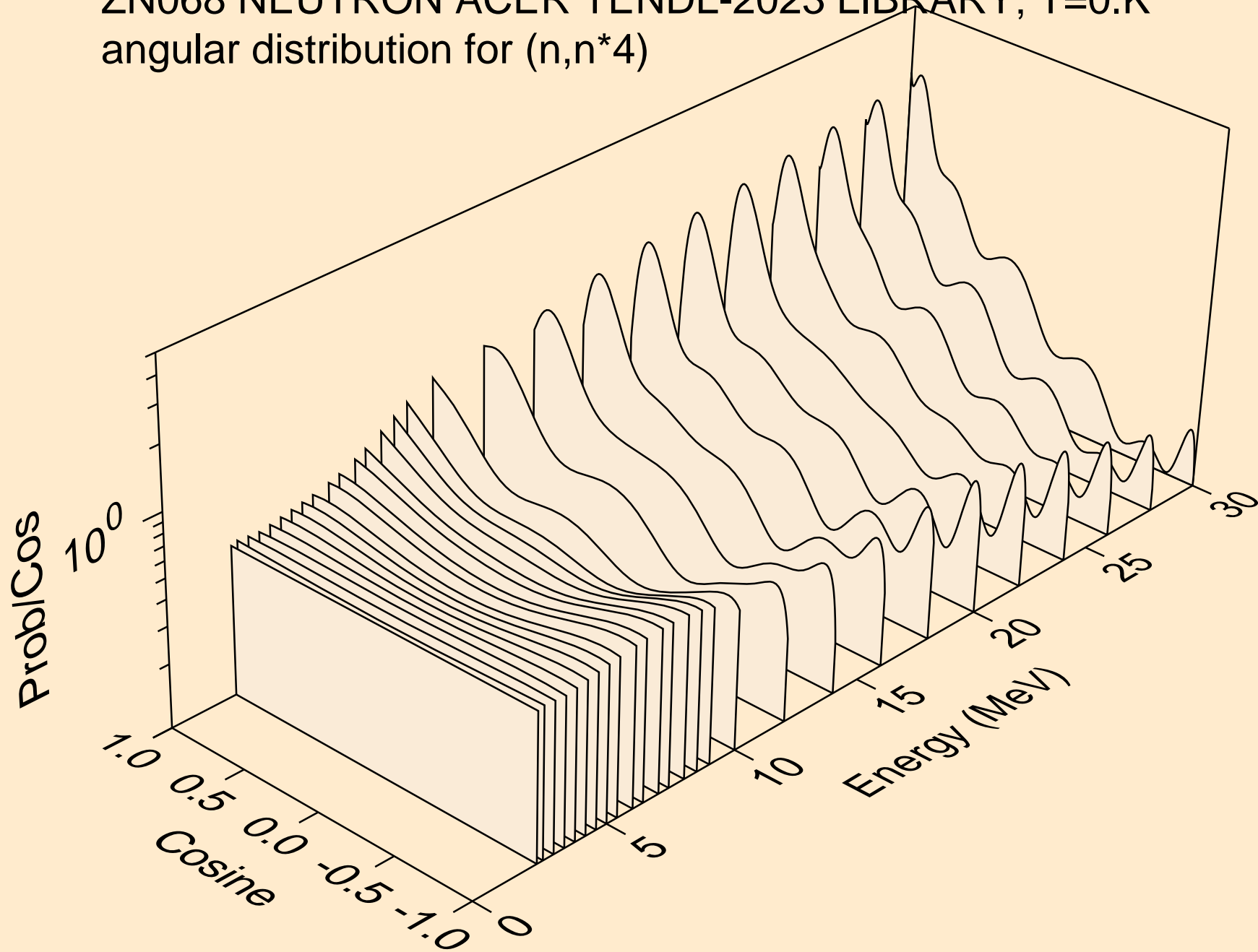




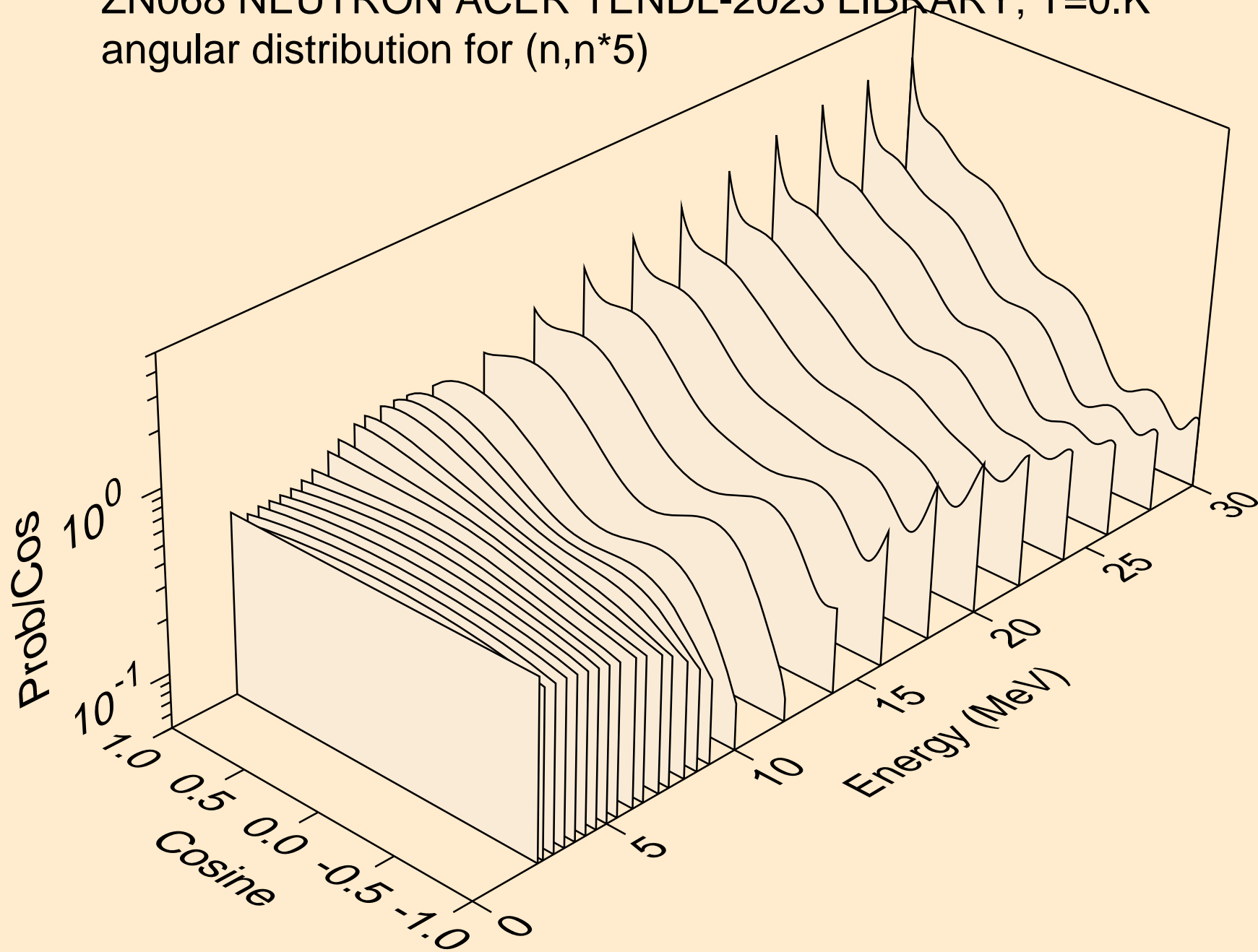
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



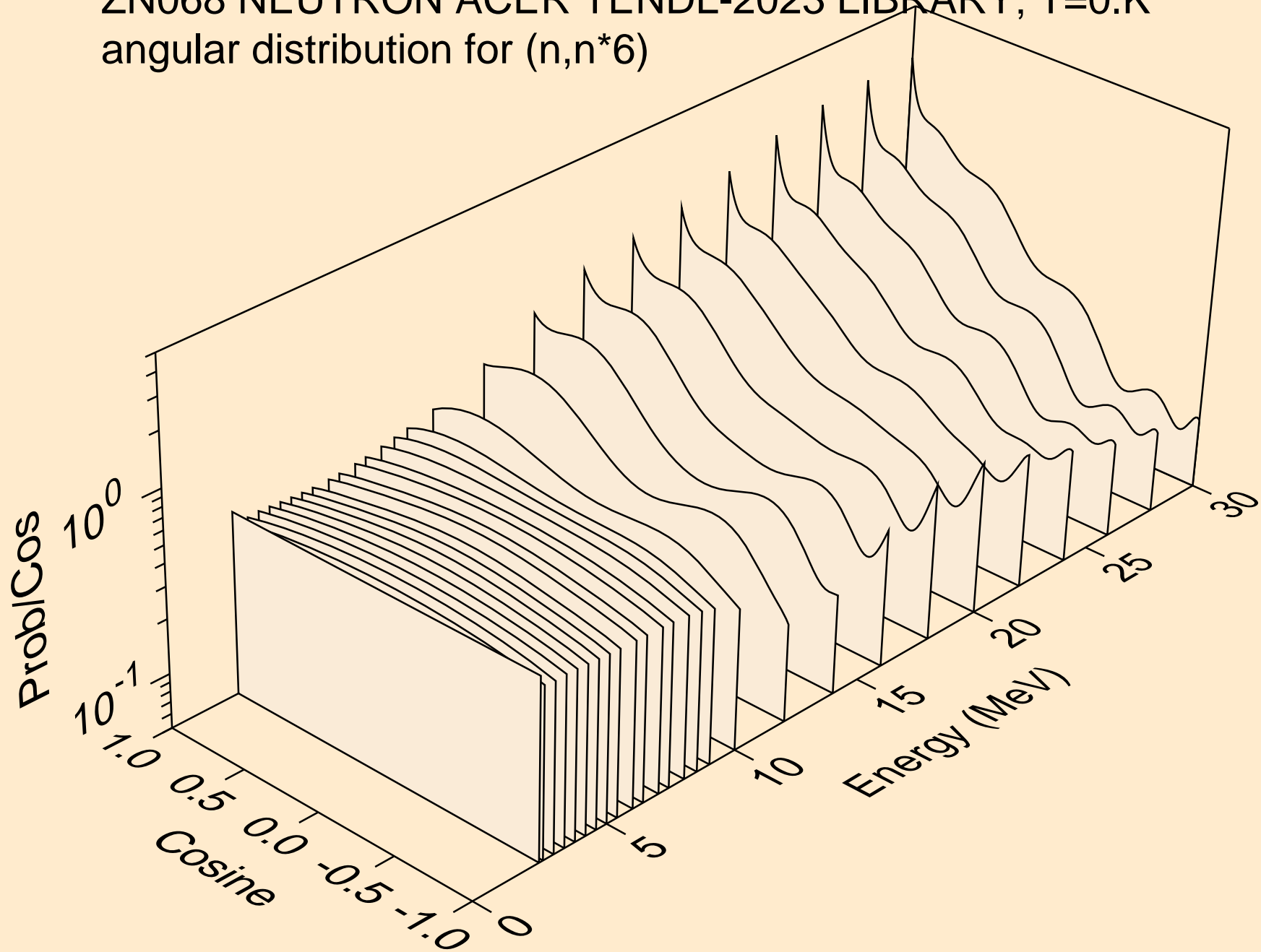
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angular distribution for (n,n\*4)



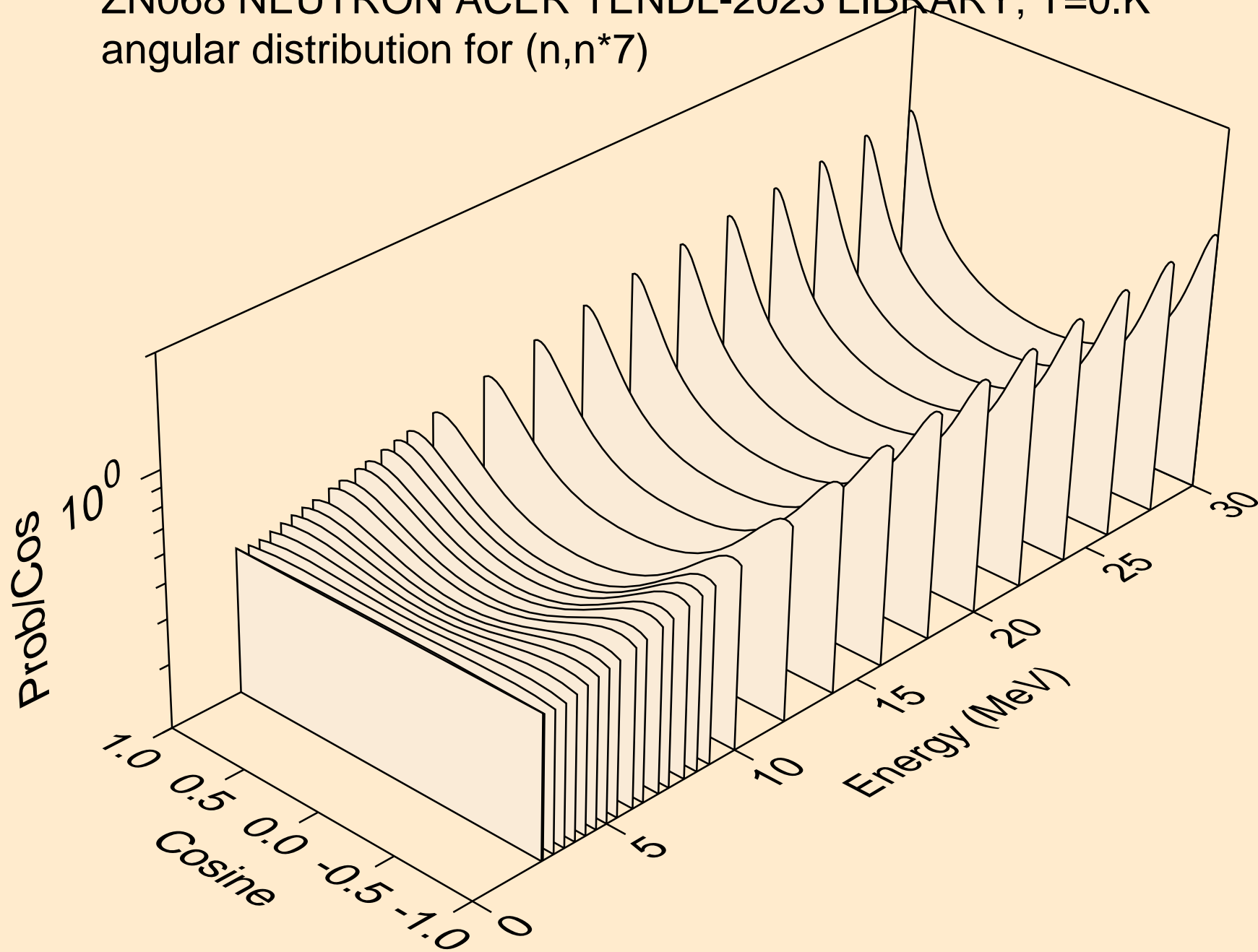
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angular distribution for (n,n\*5)



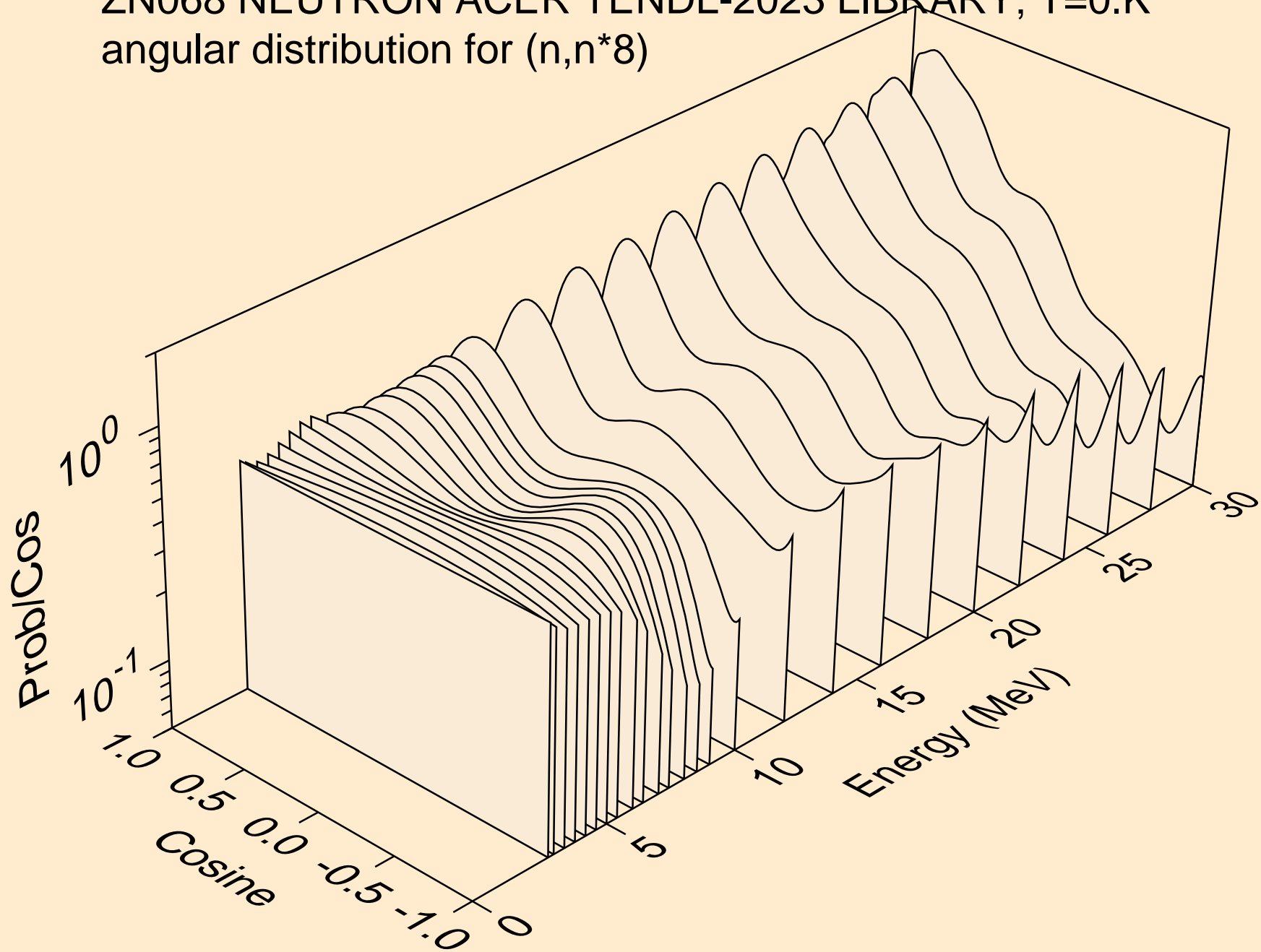
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angular distribution for (n,n\*6)



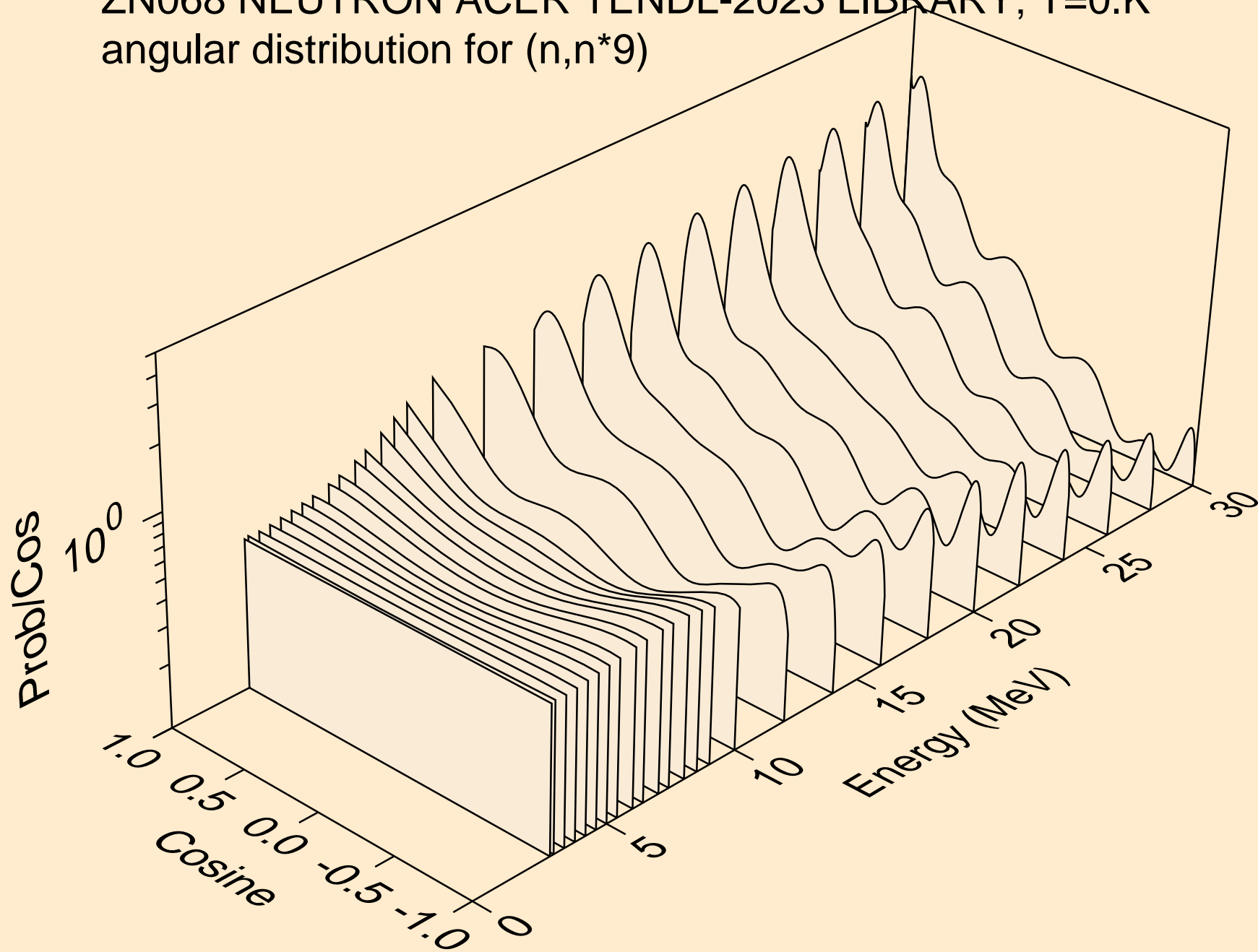
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angular distribution for (n,n\*7)



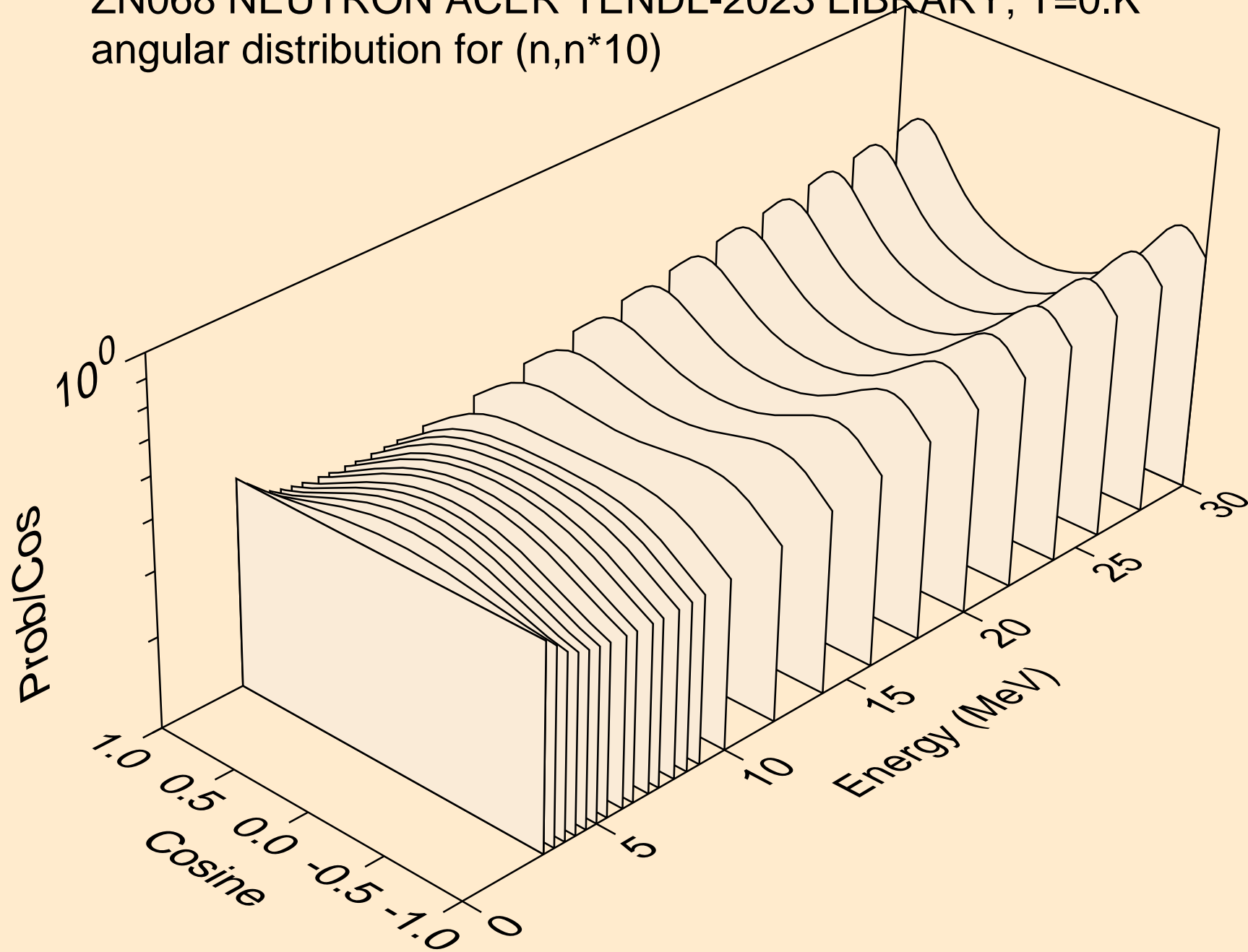
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

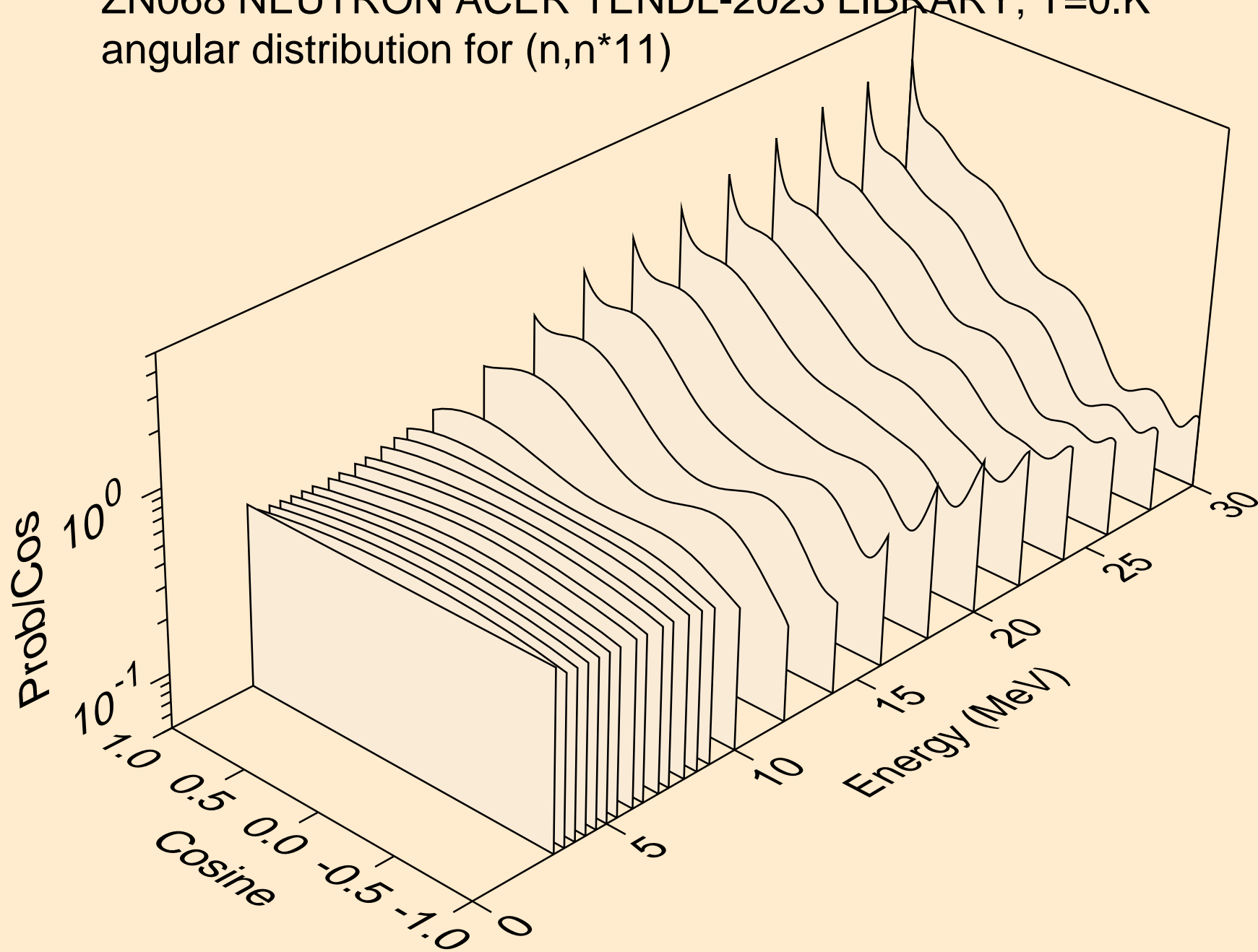


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

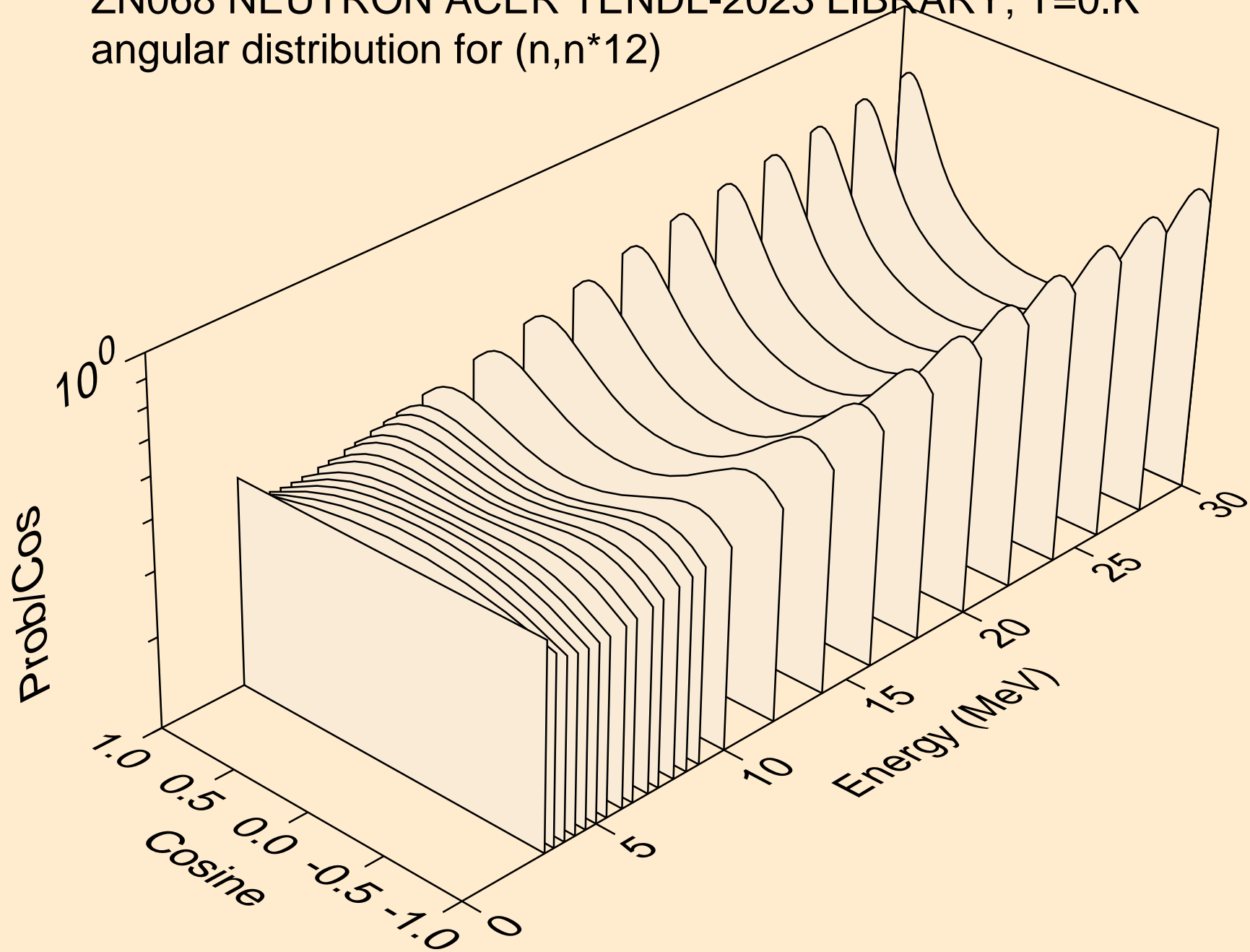




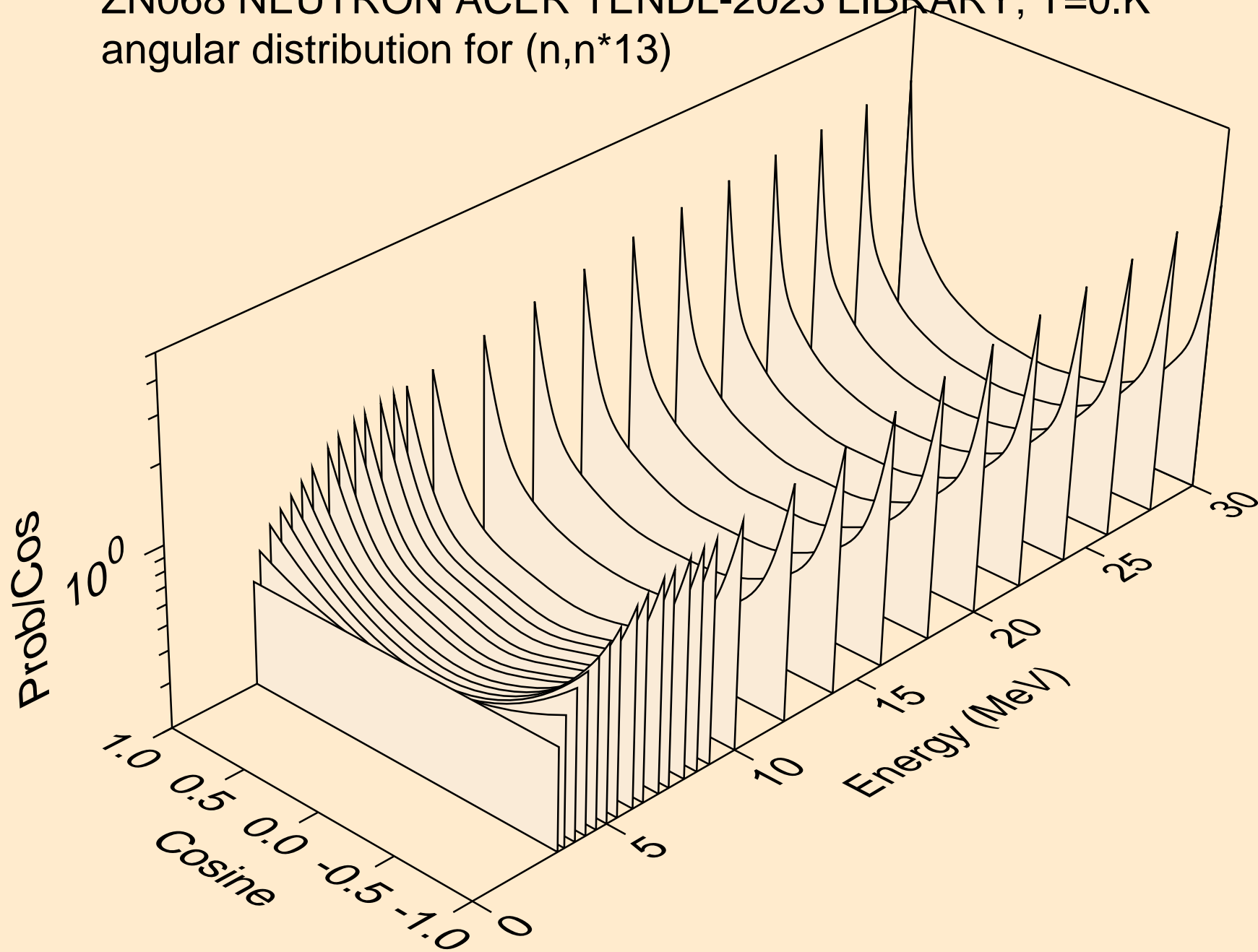
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angular distribution for (n,n\*11)



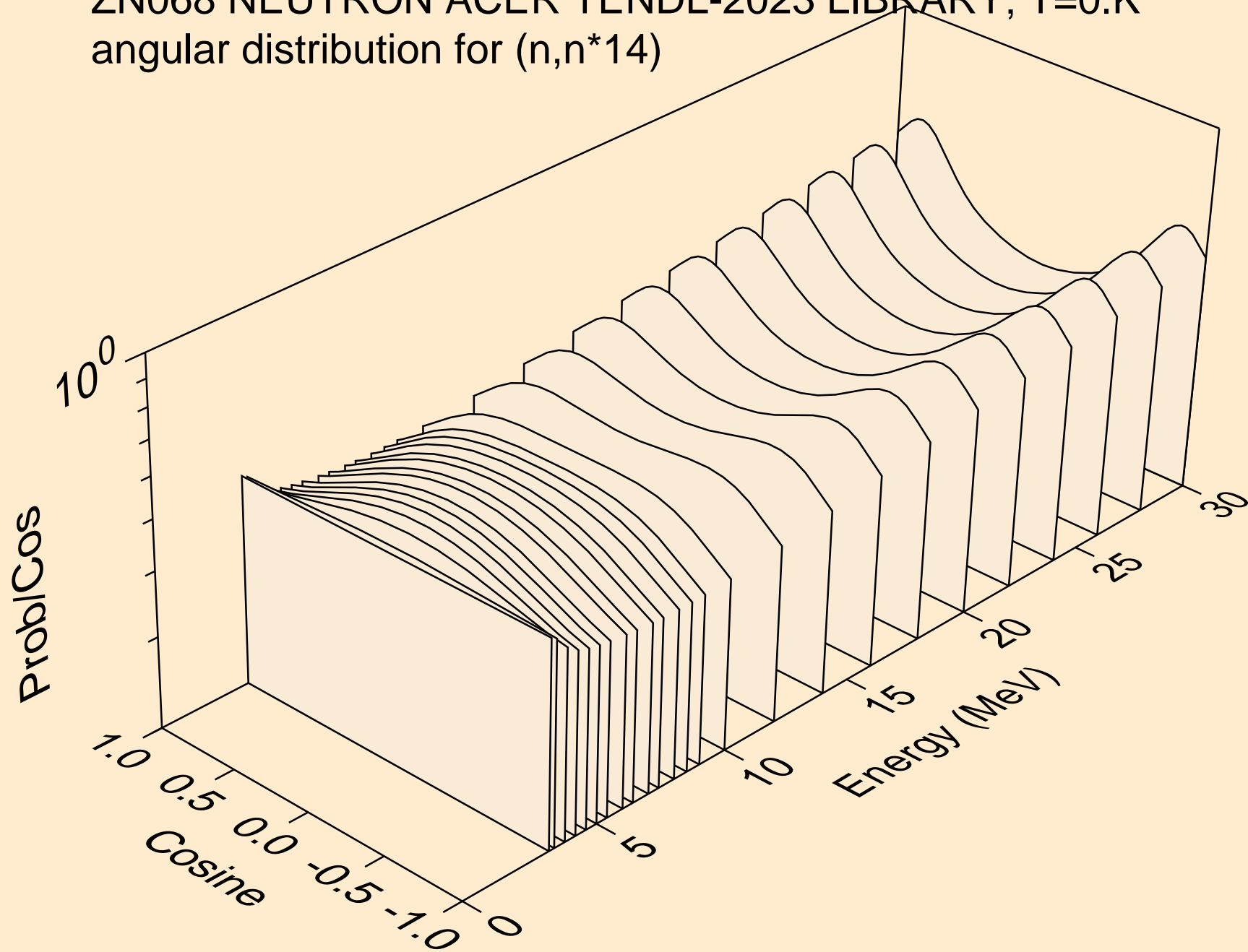
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angular distribution for (n,n\*12)



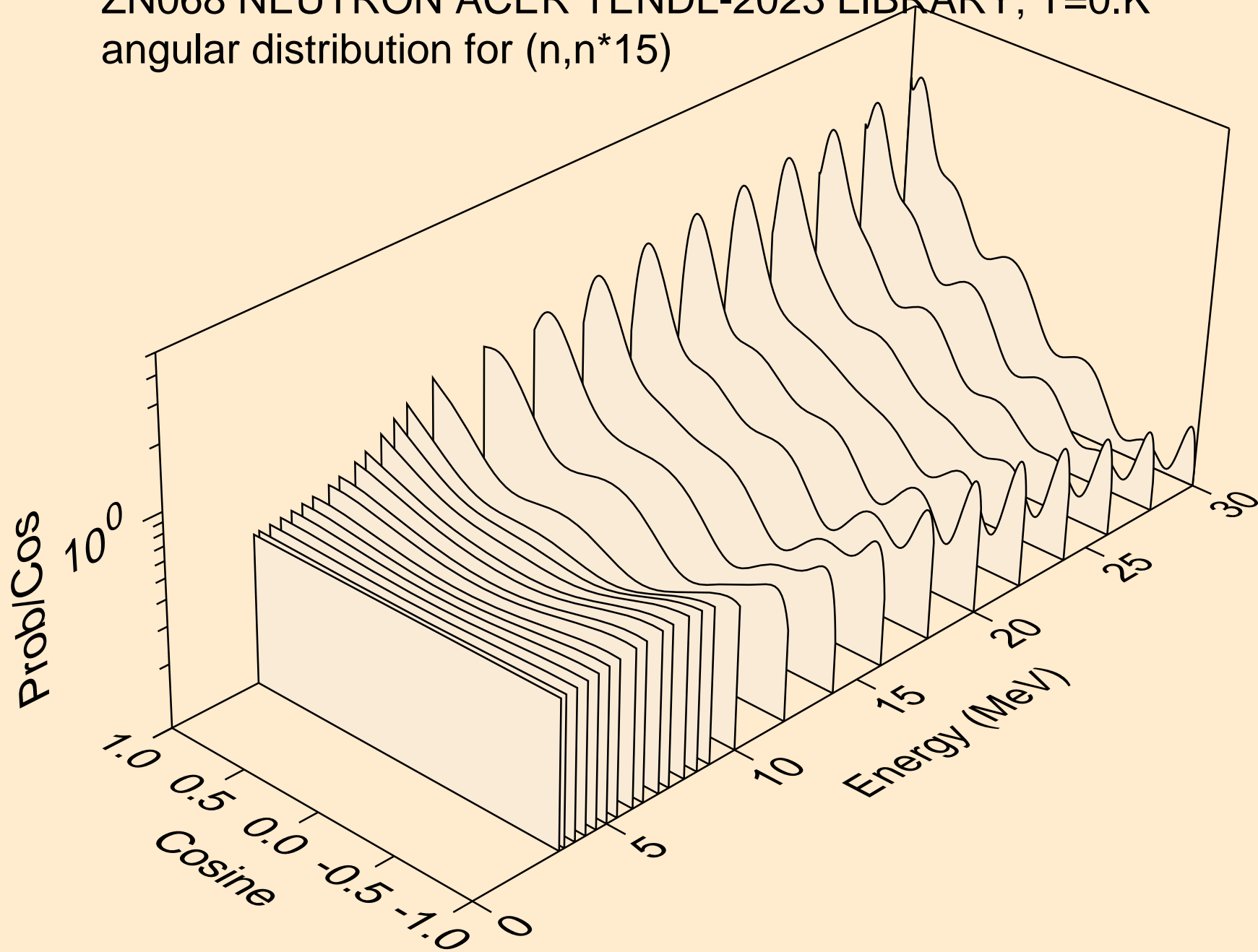
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angular distribution for (n,n\*13)



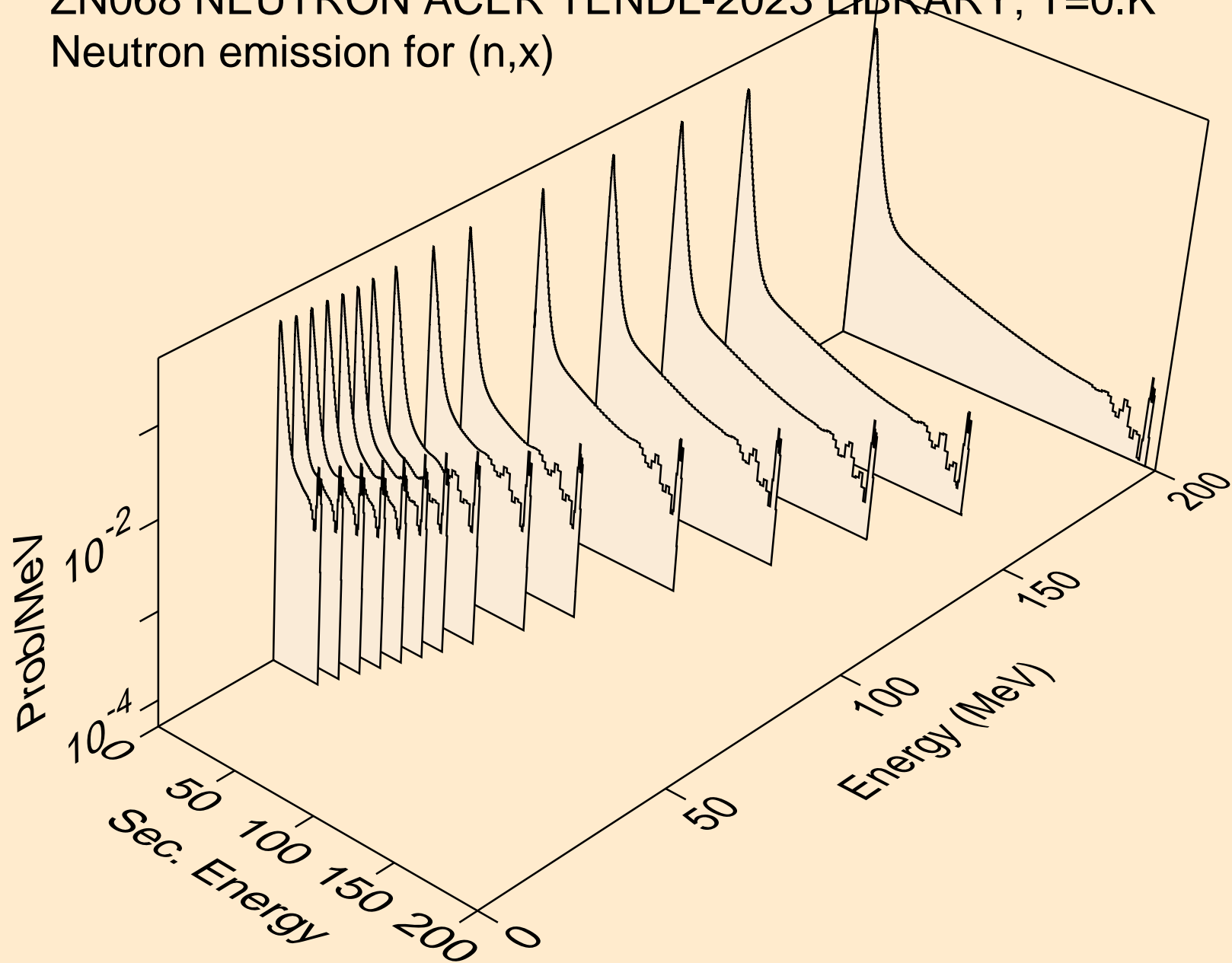
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angular distribution for (n,n\*14)



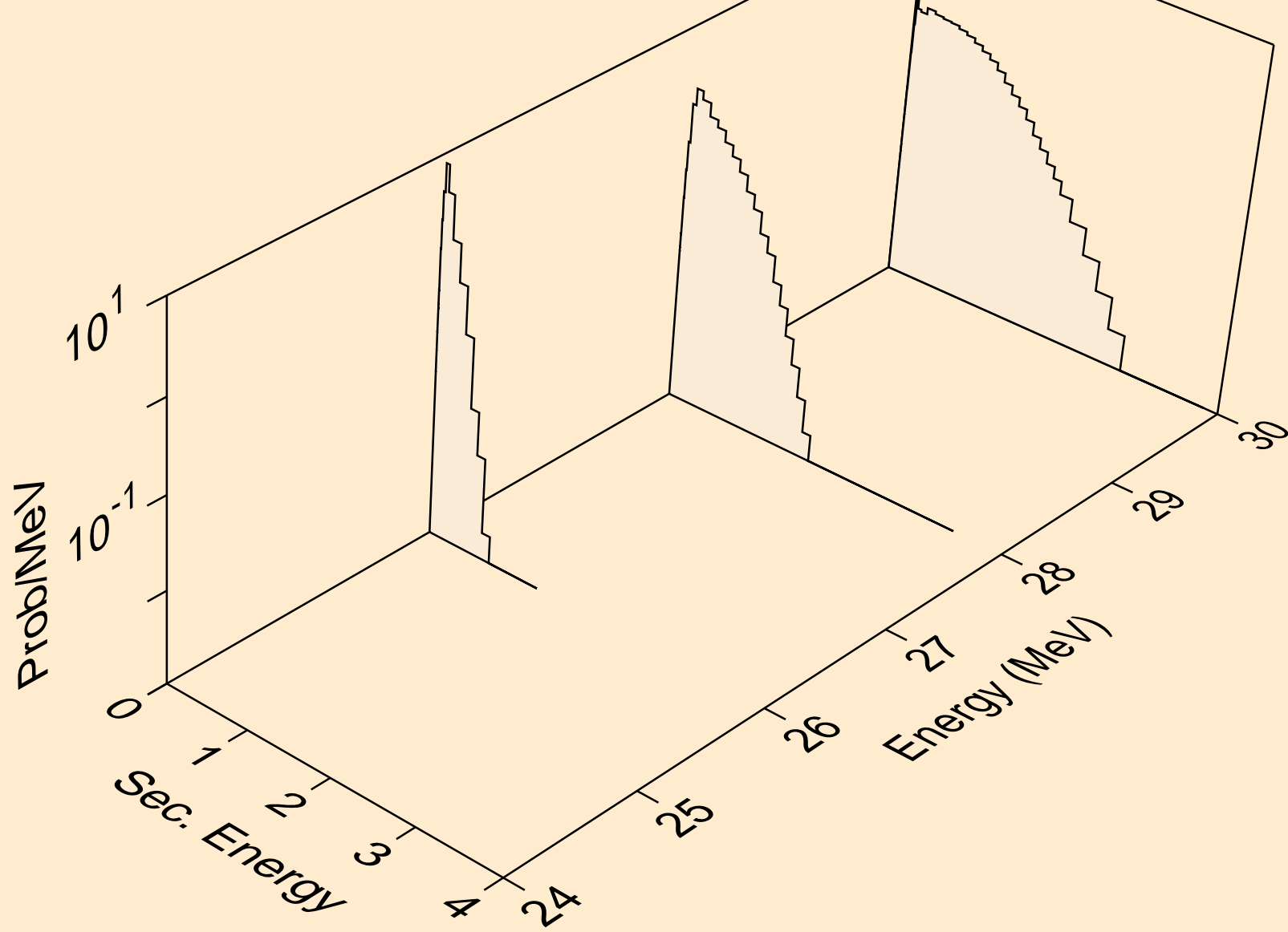
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angular distribution for (n,n\*15)



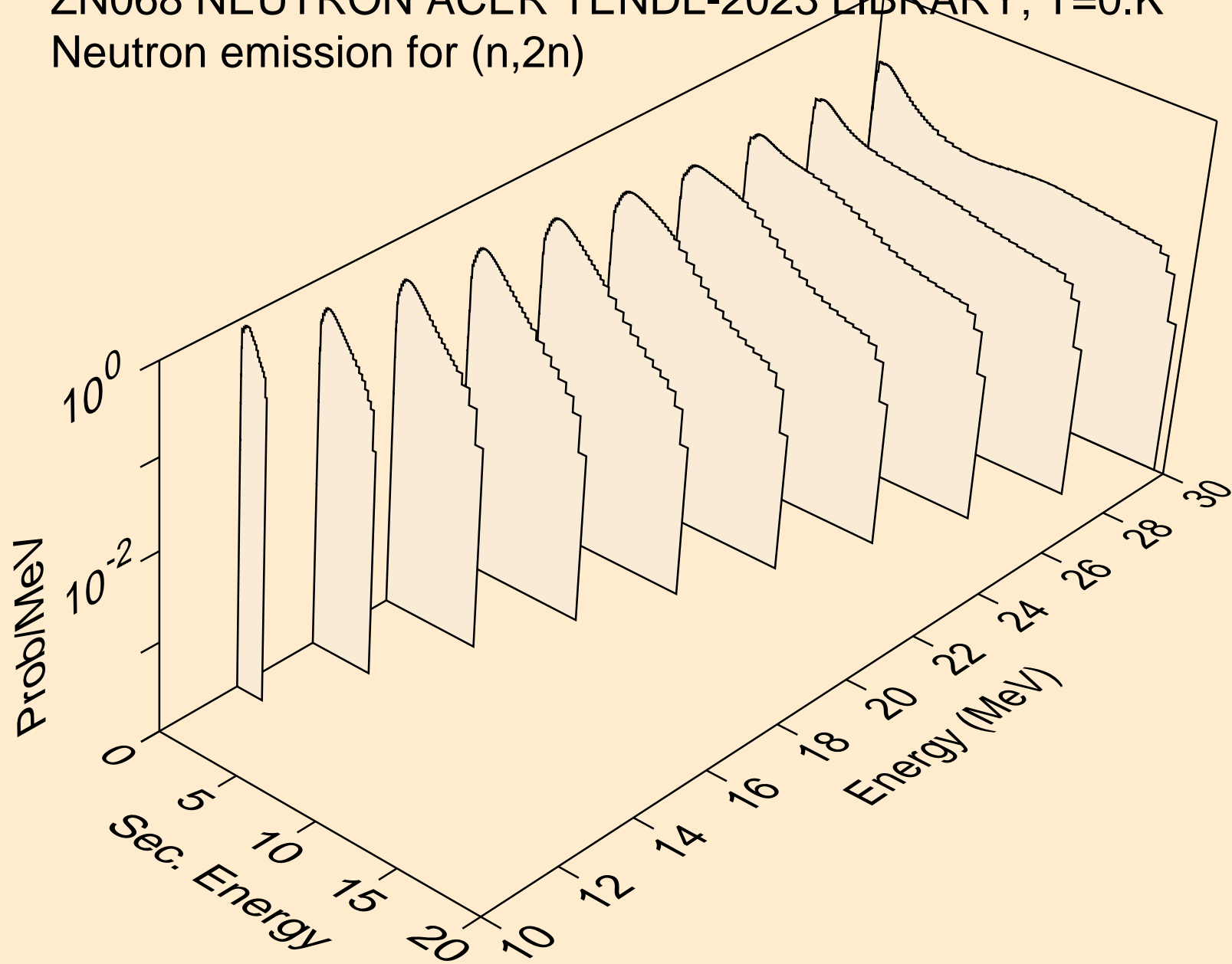
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

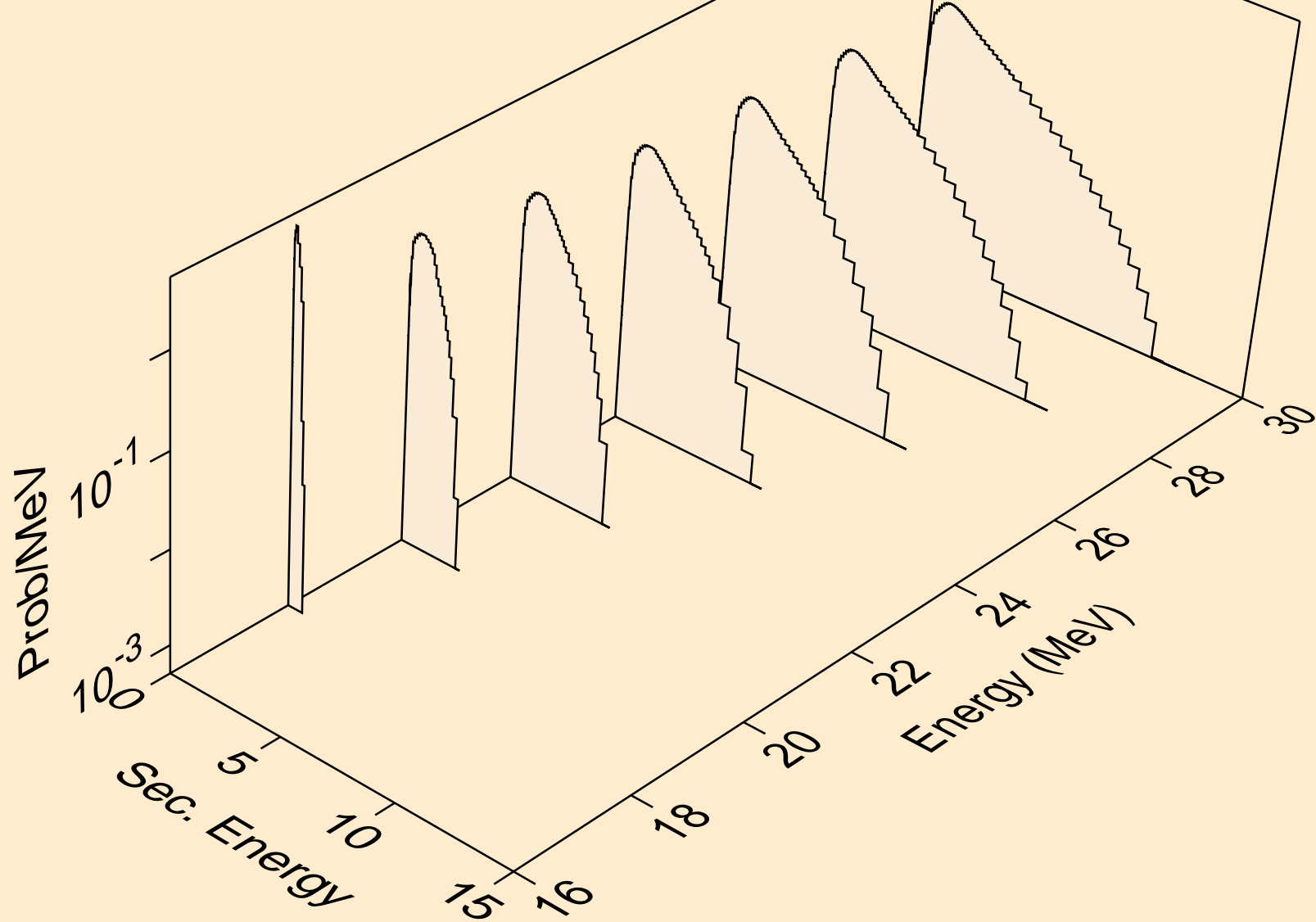


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

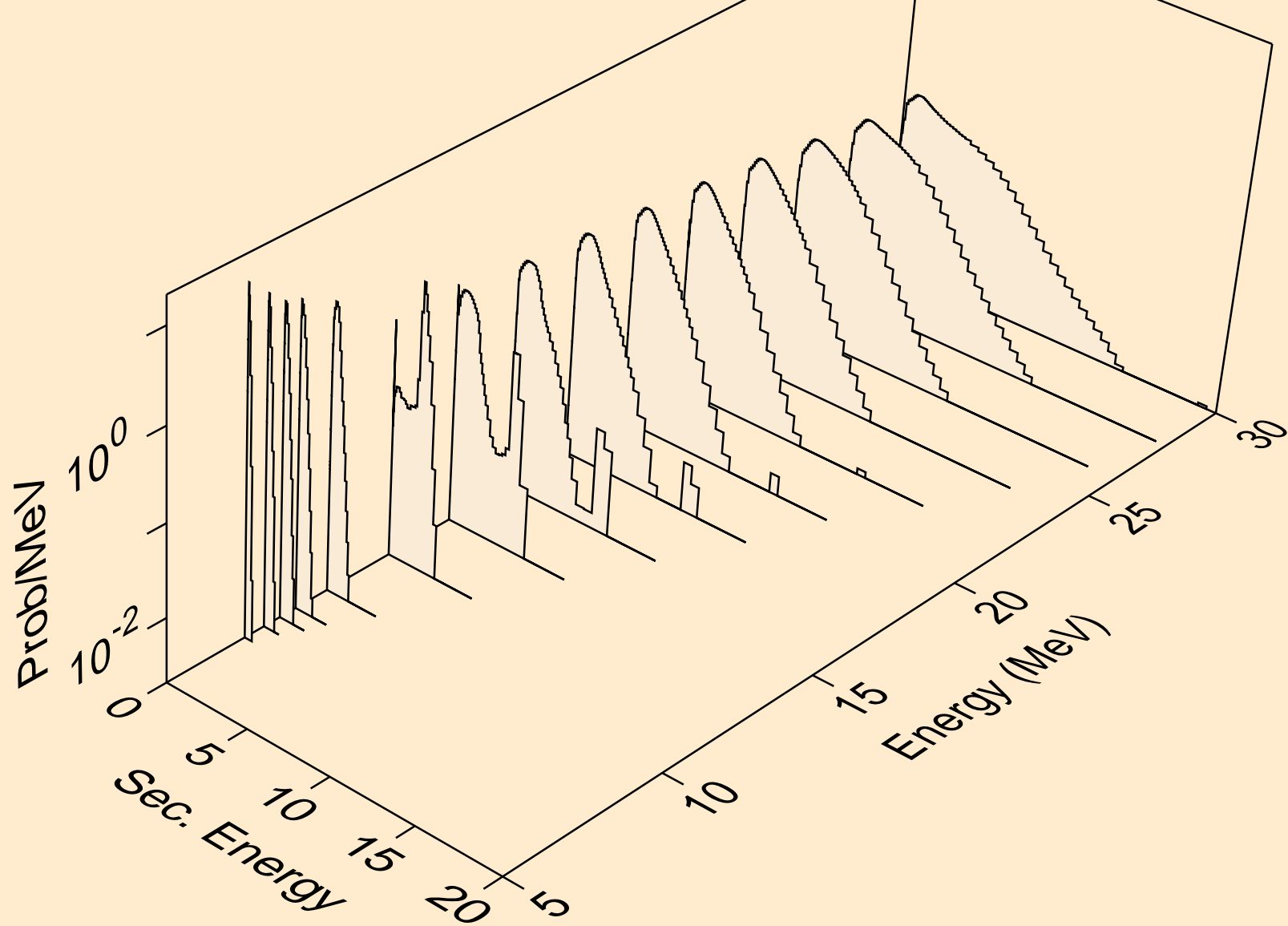




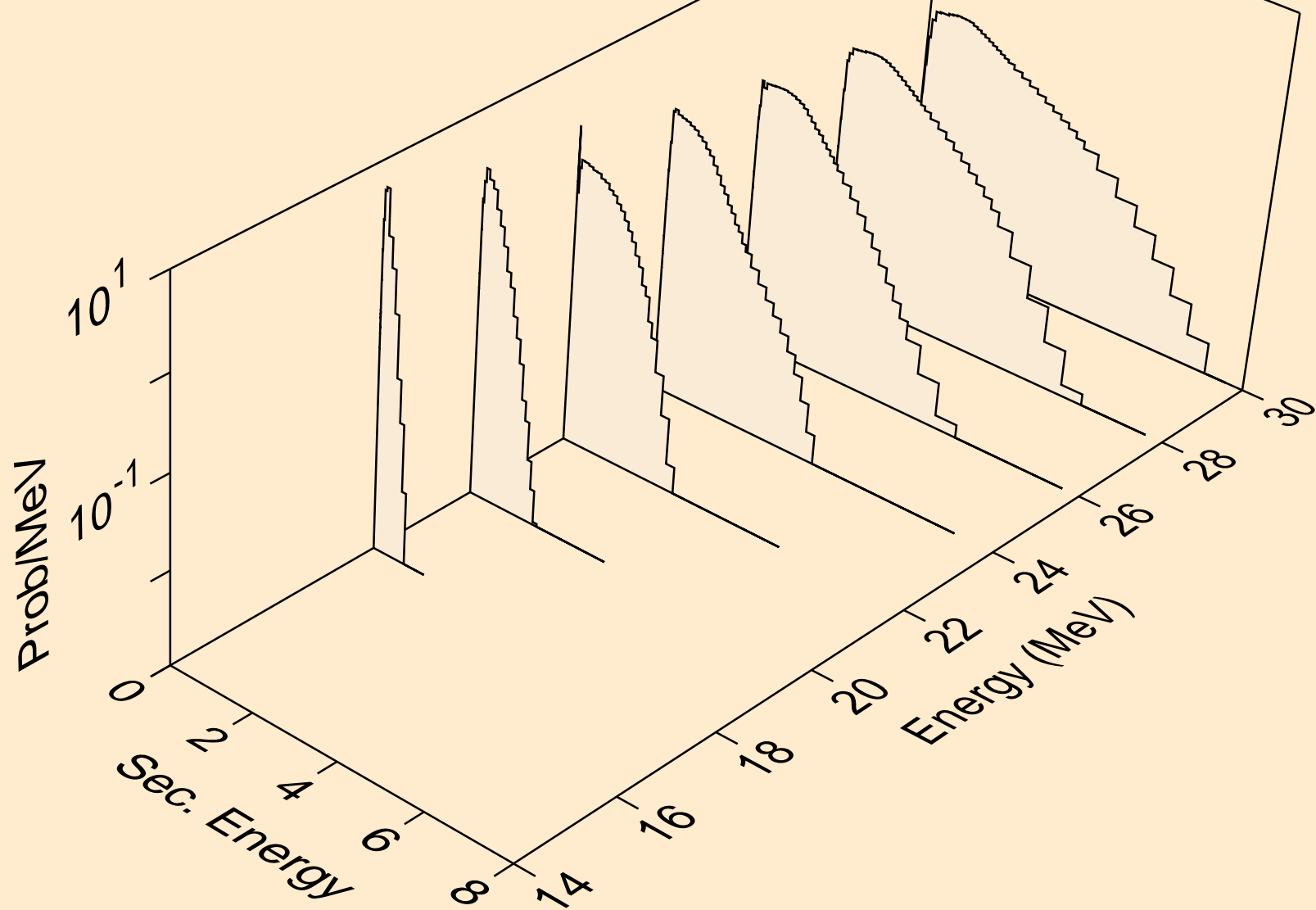
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



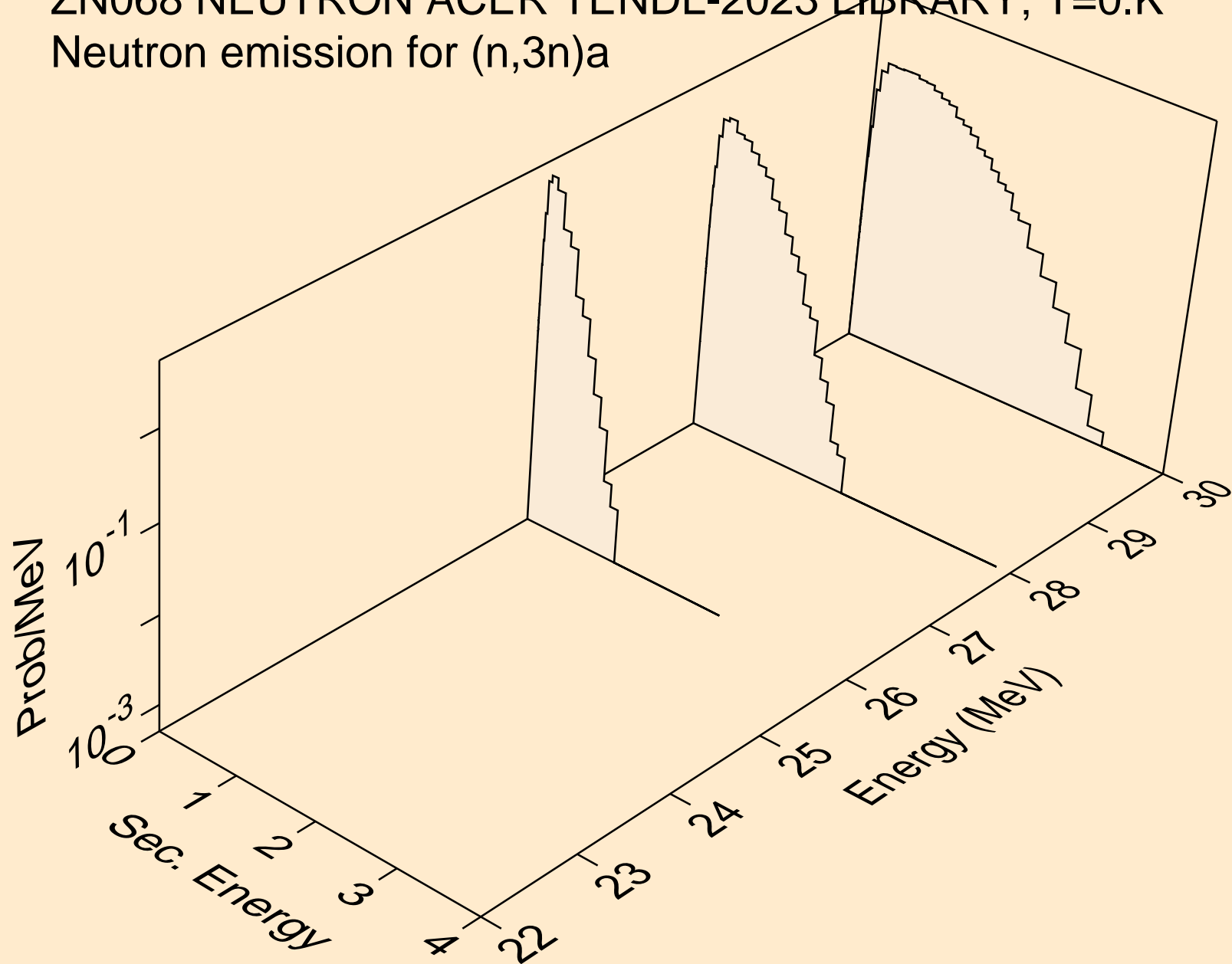
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



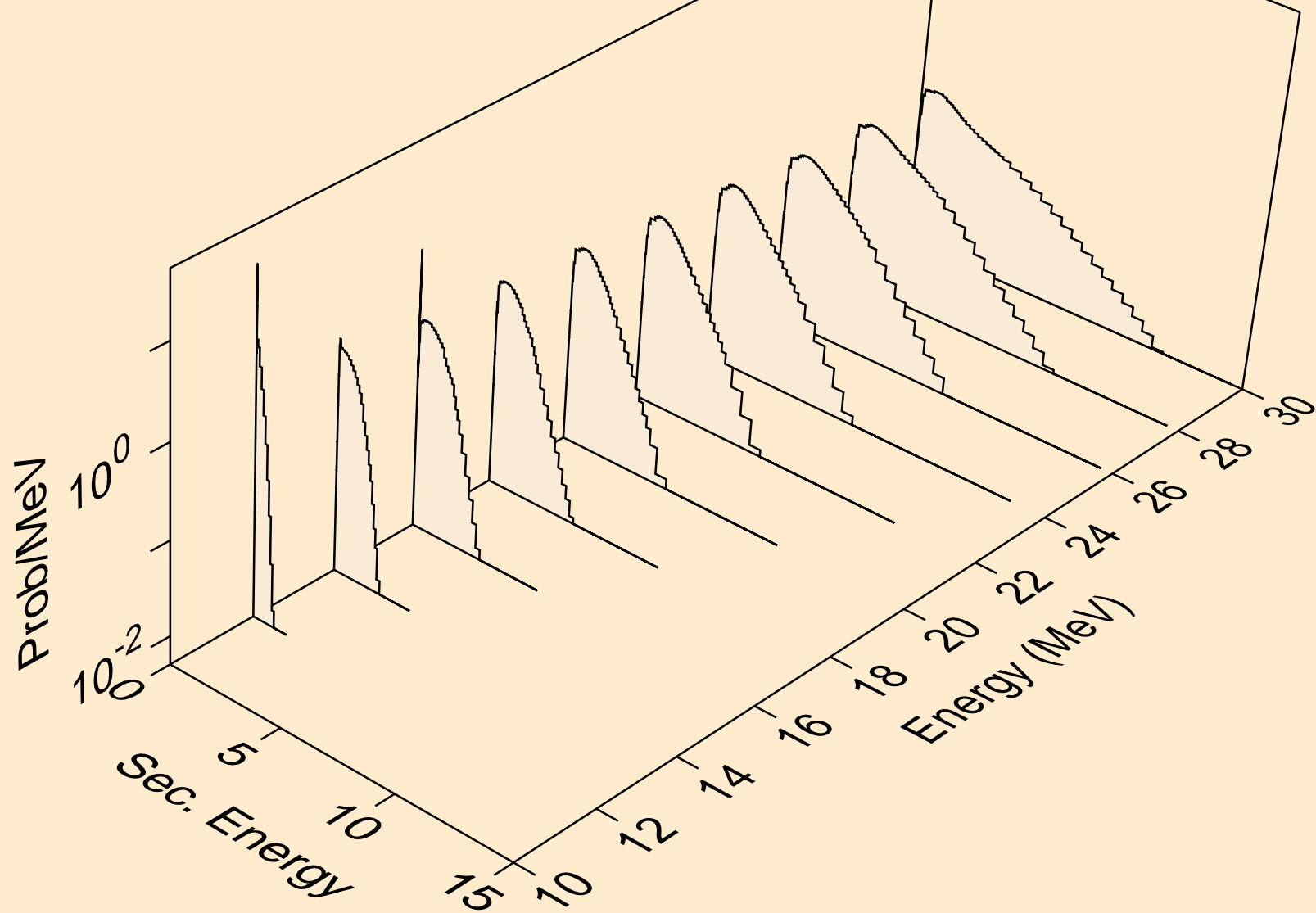
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Neutron emission for (n,2n)a



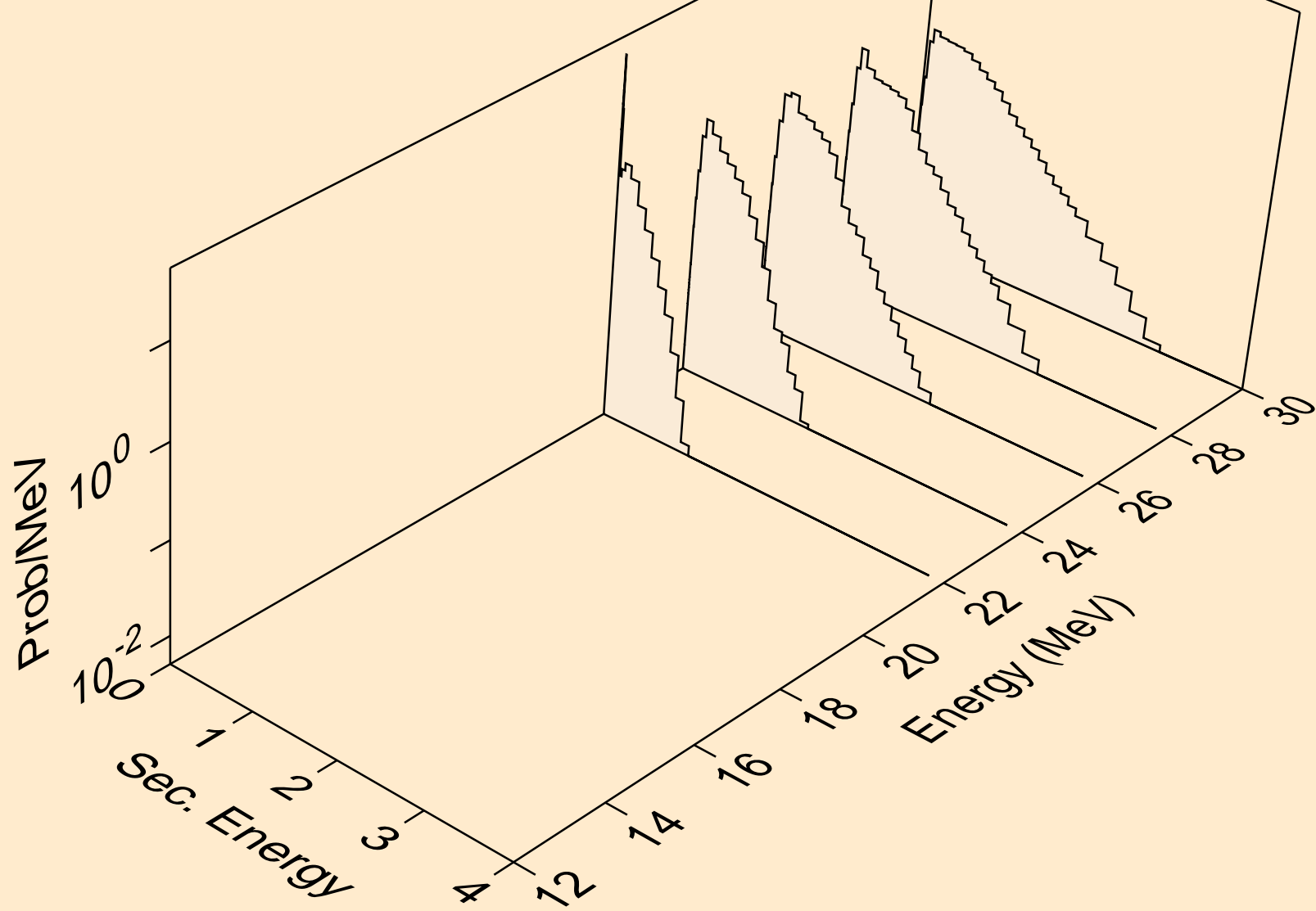
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Neutron emission for (n,3n)a



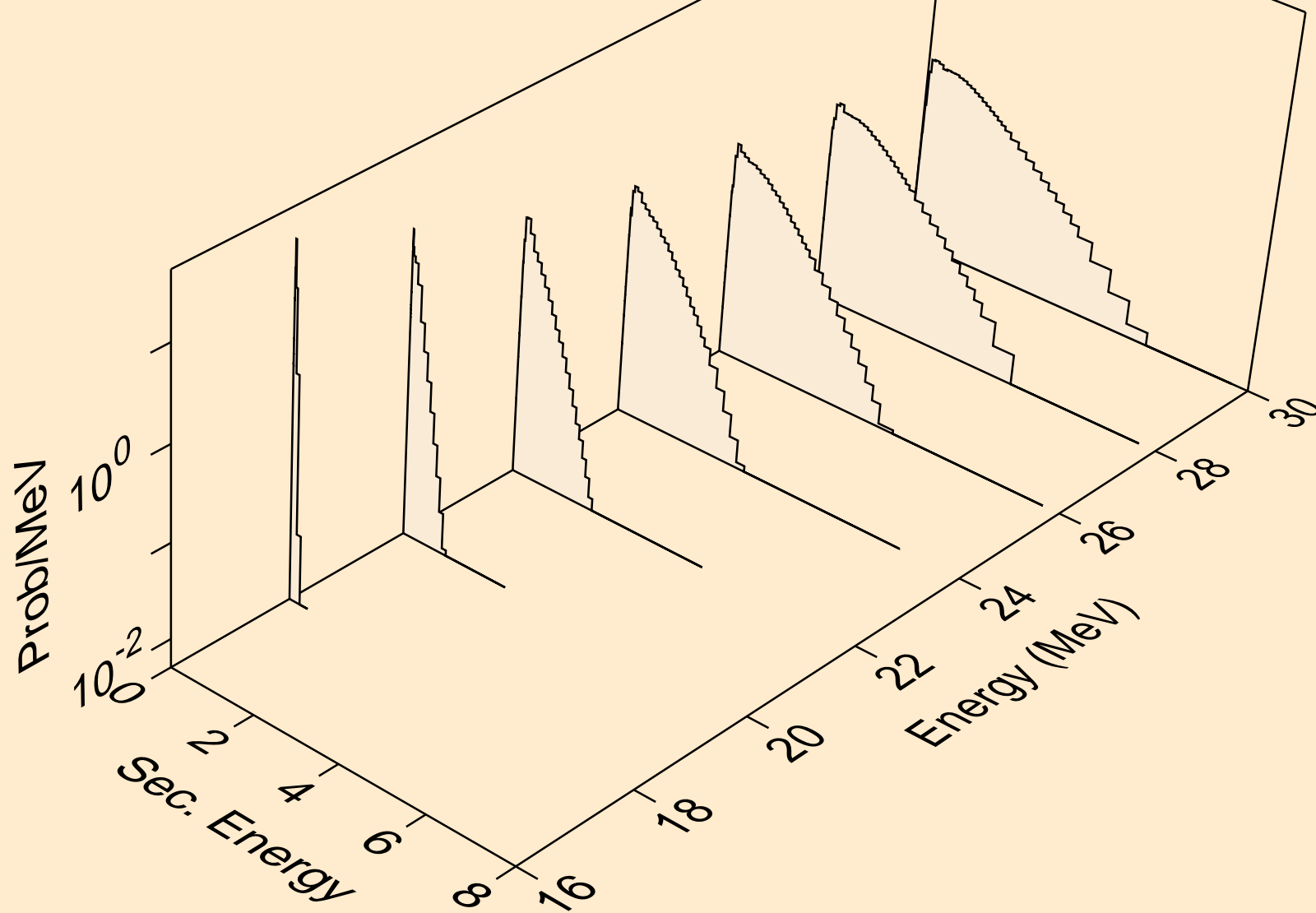
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



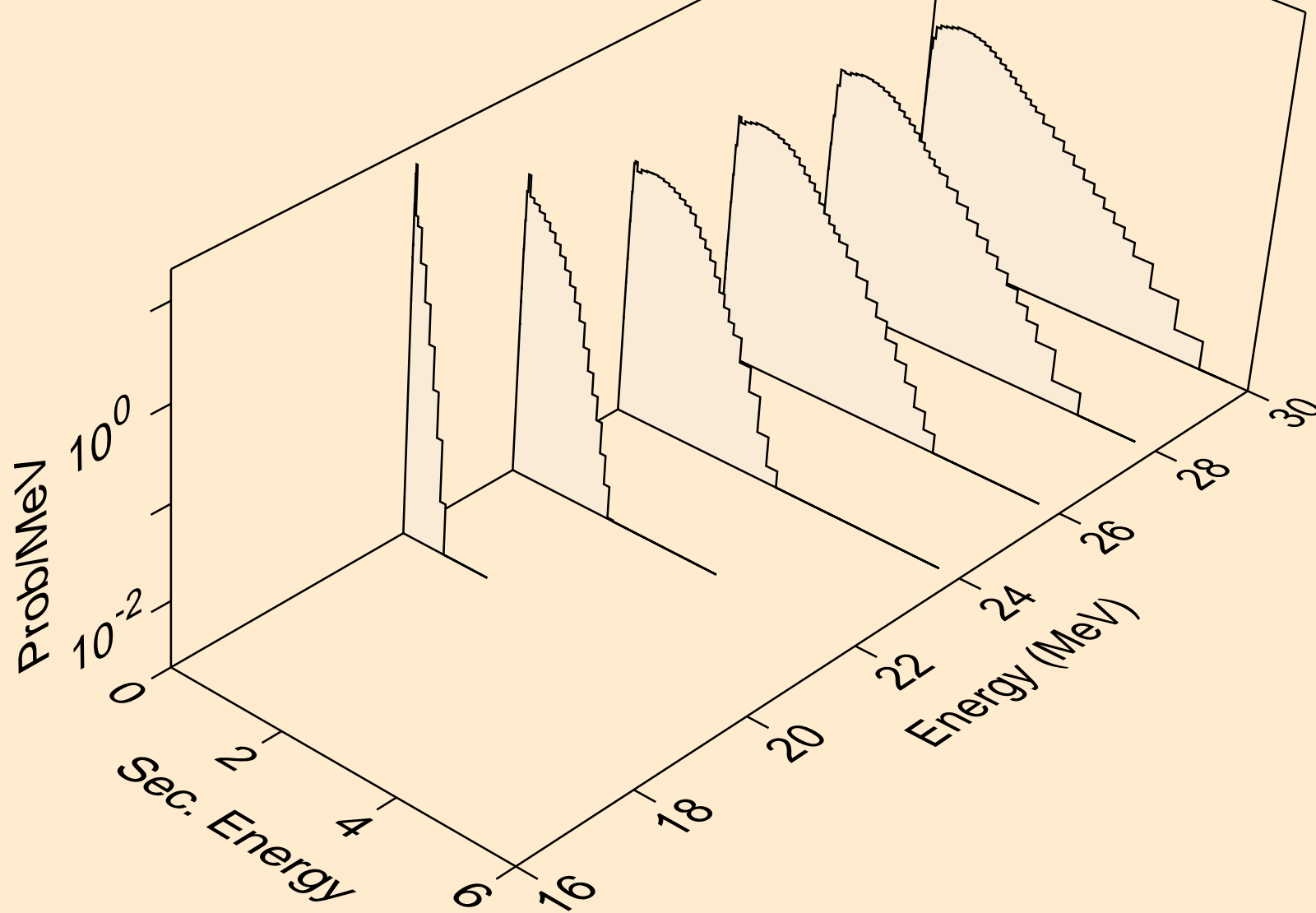
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

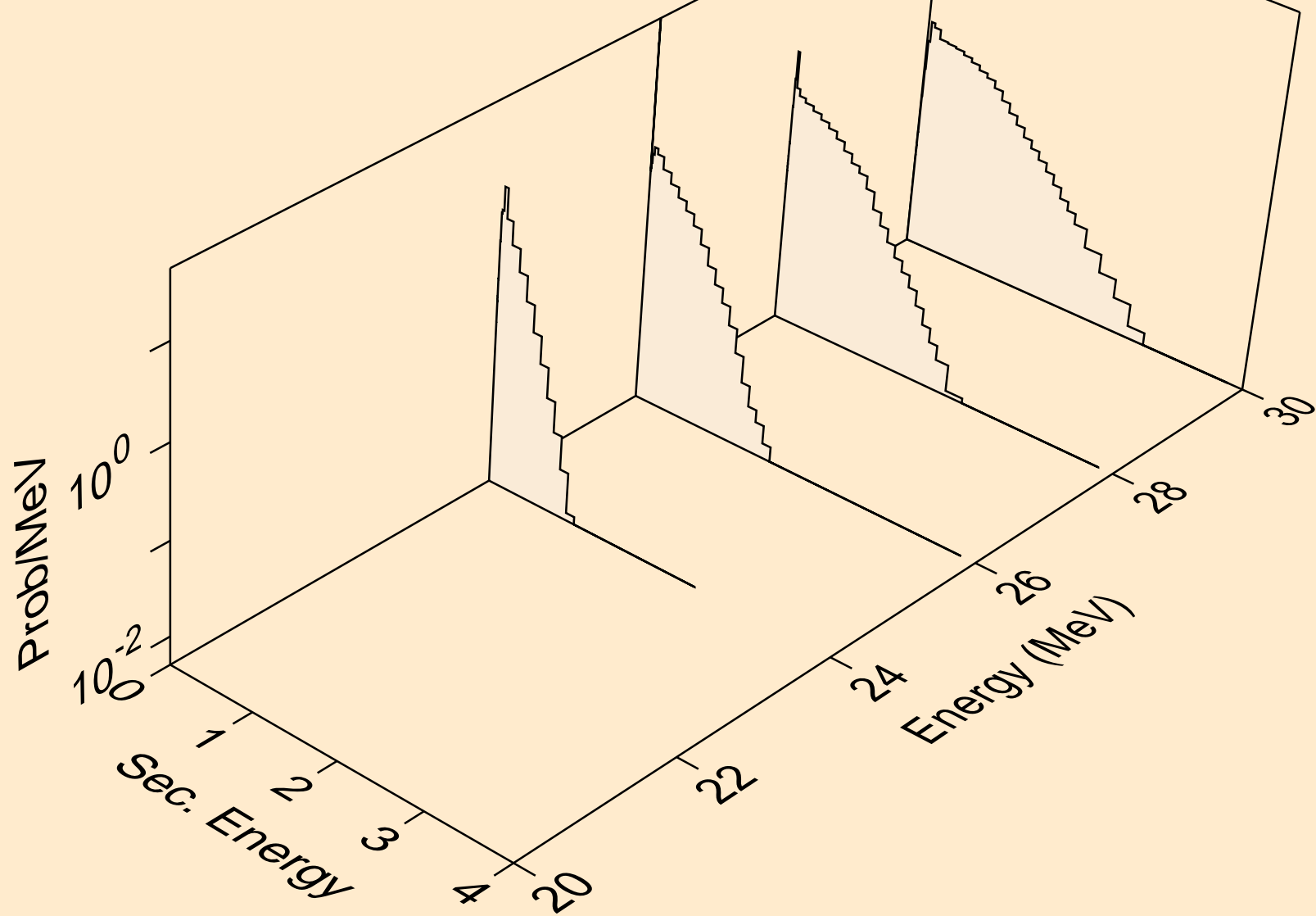


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

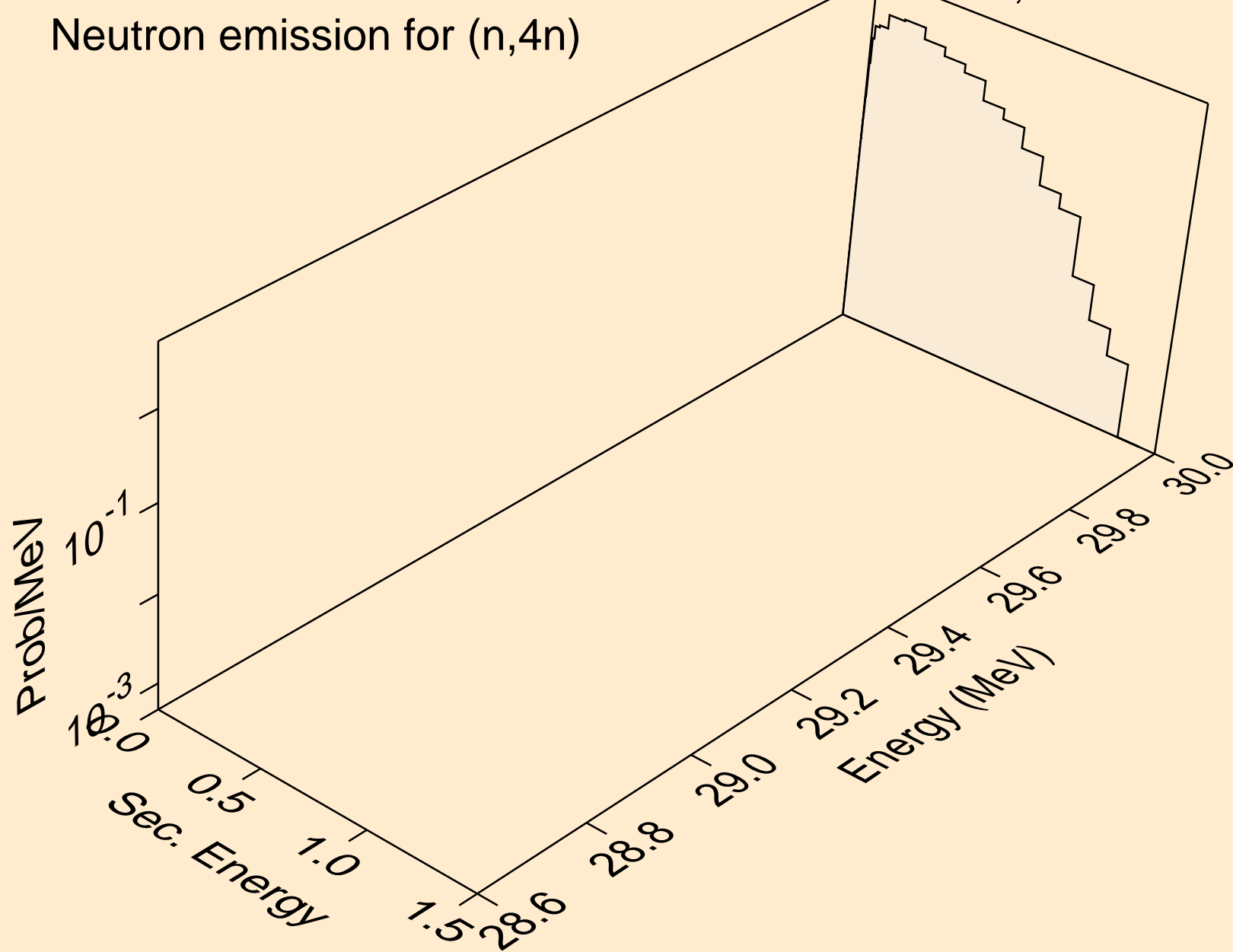




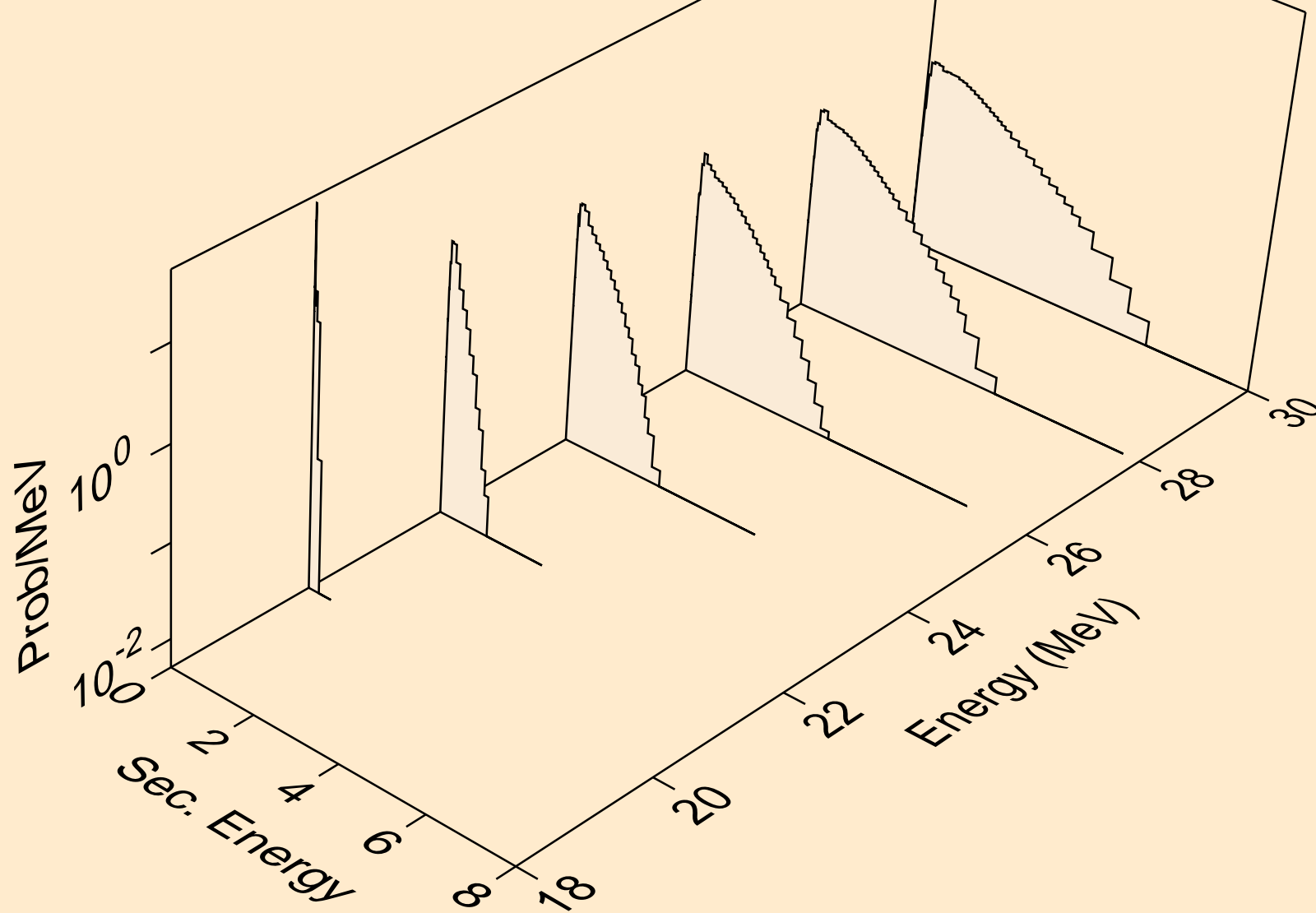
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



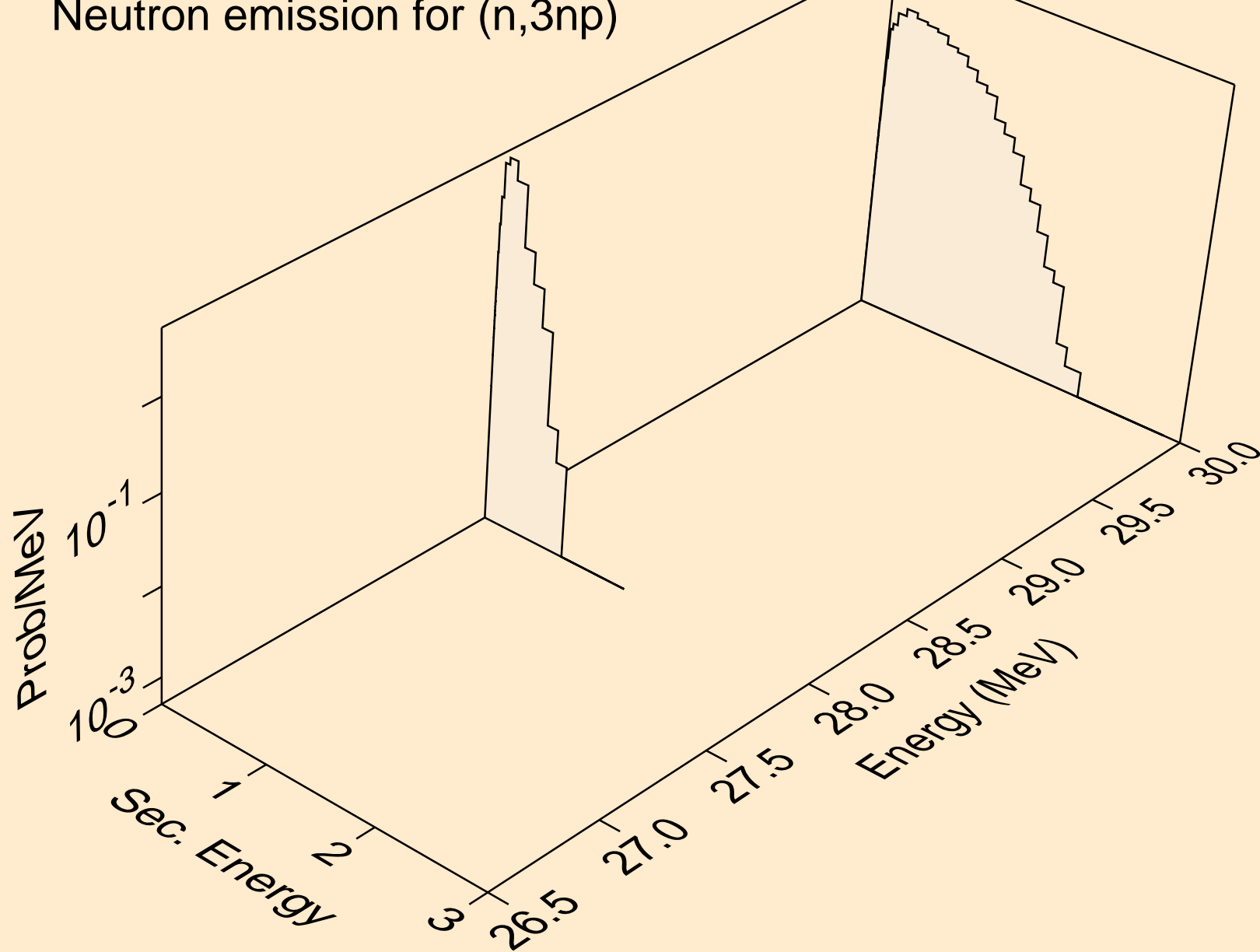
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



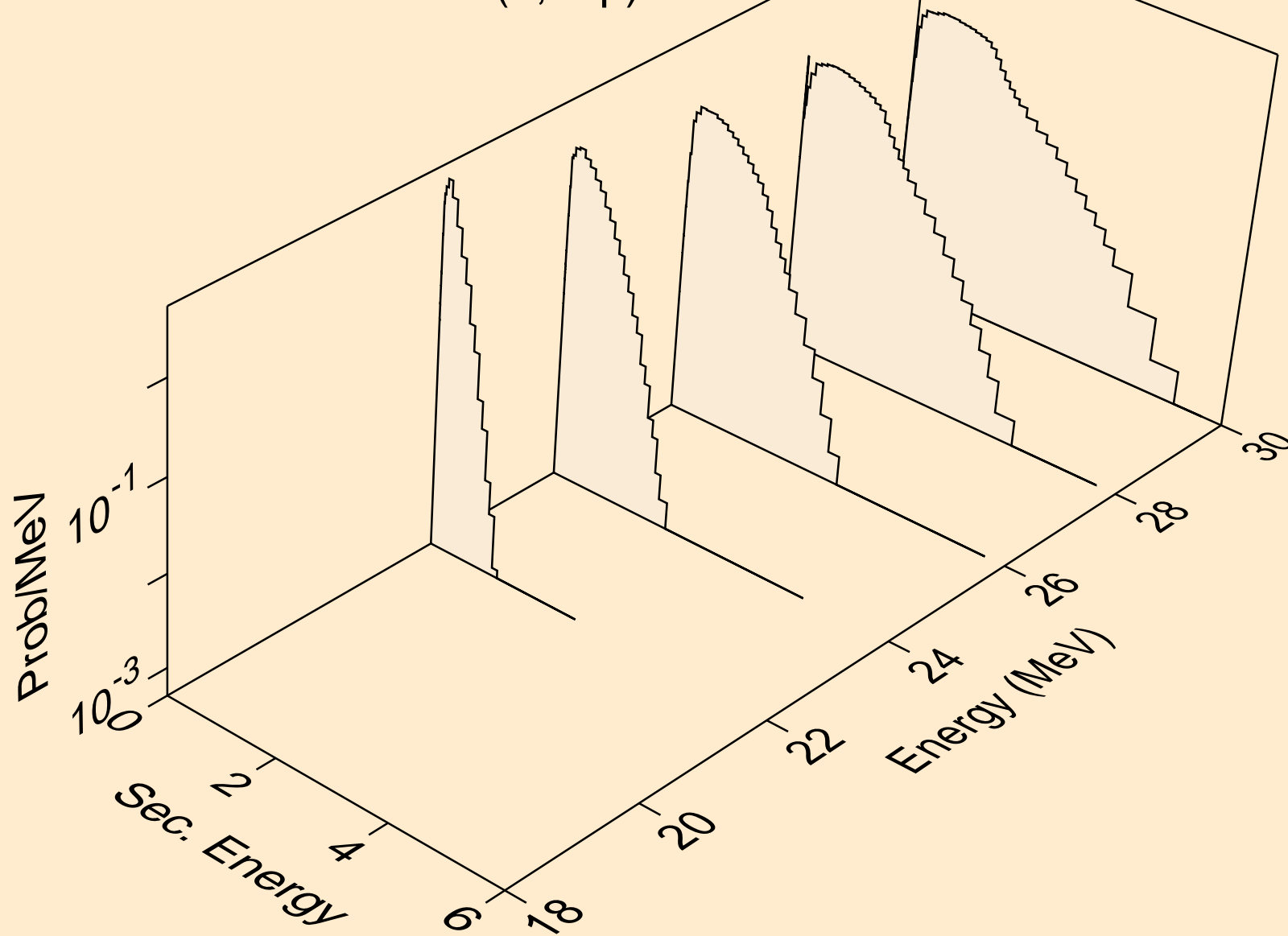
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



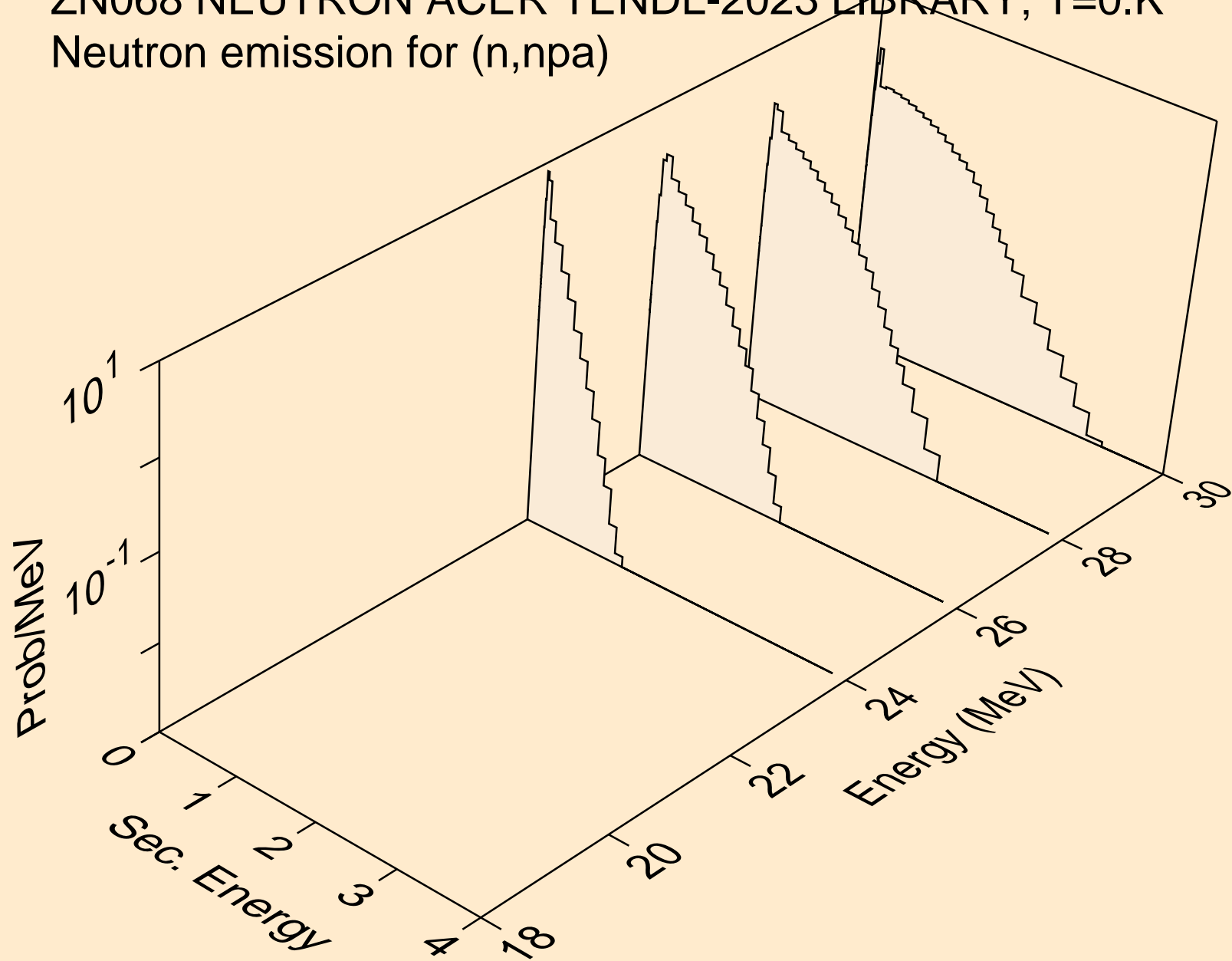
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



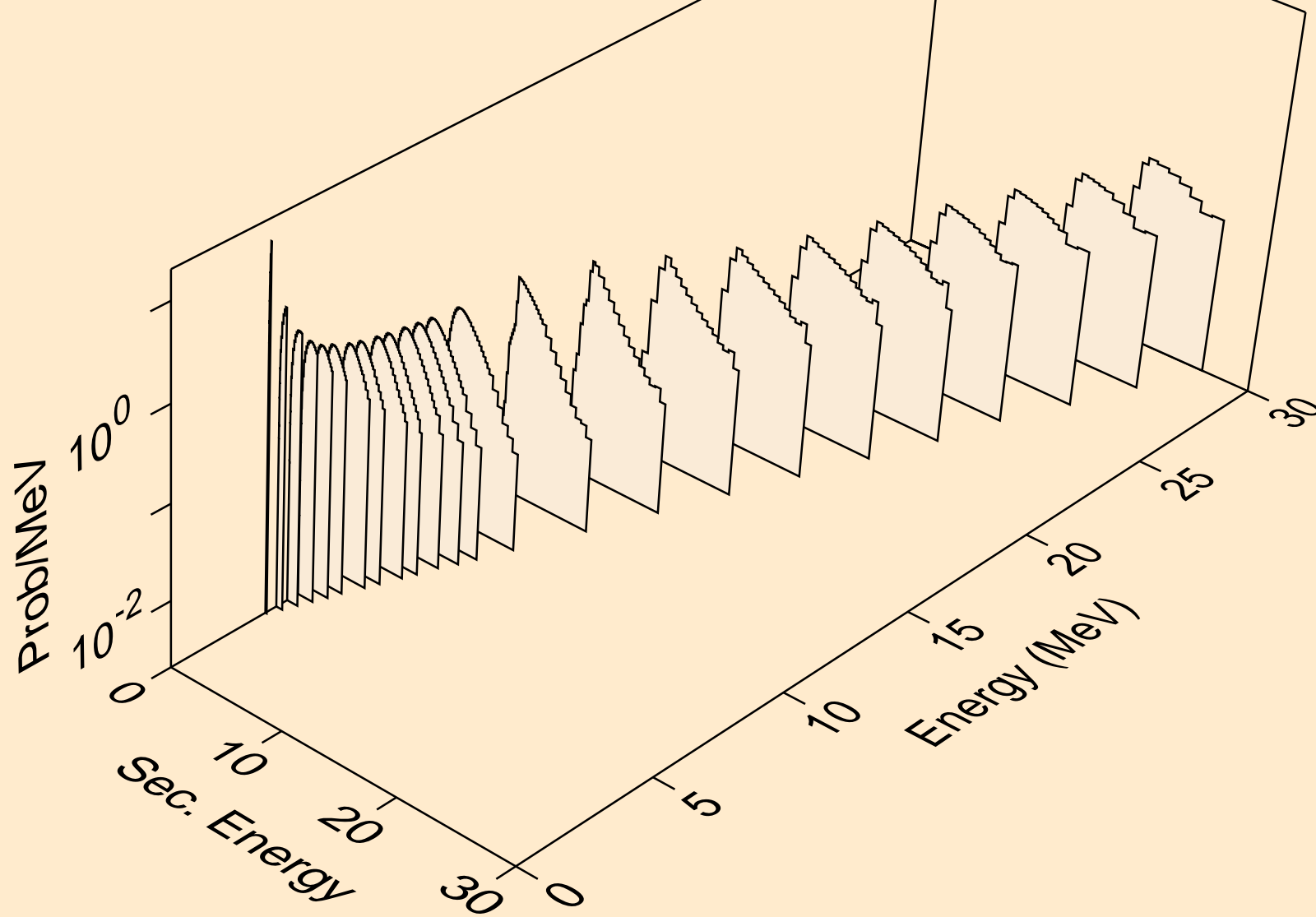
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



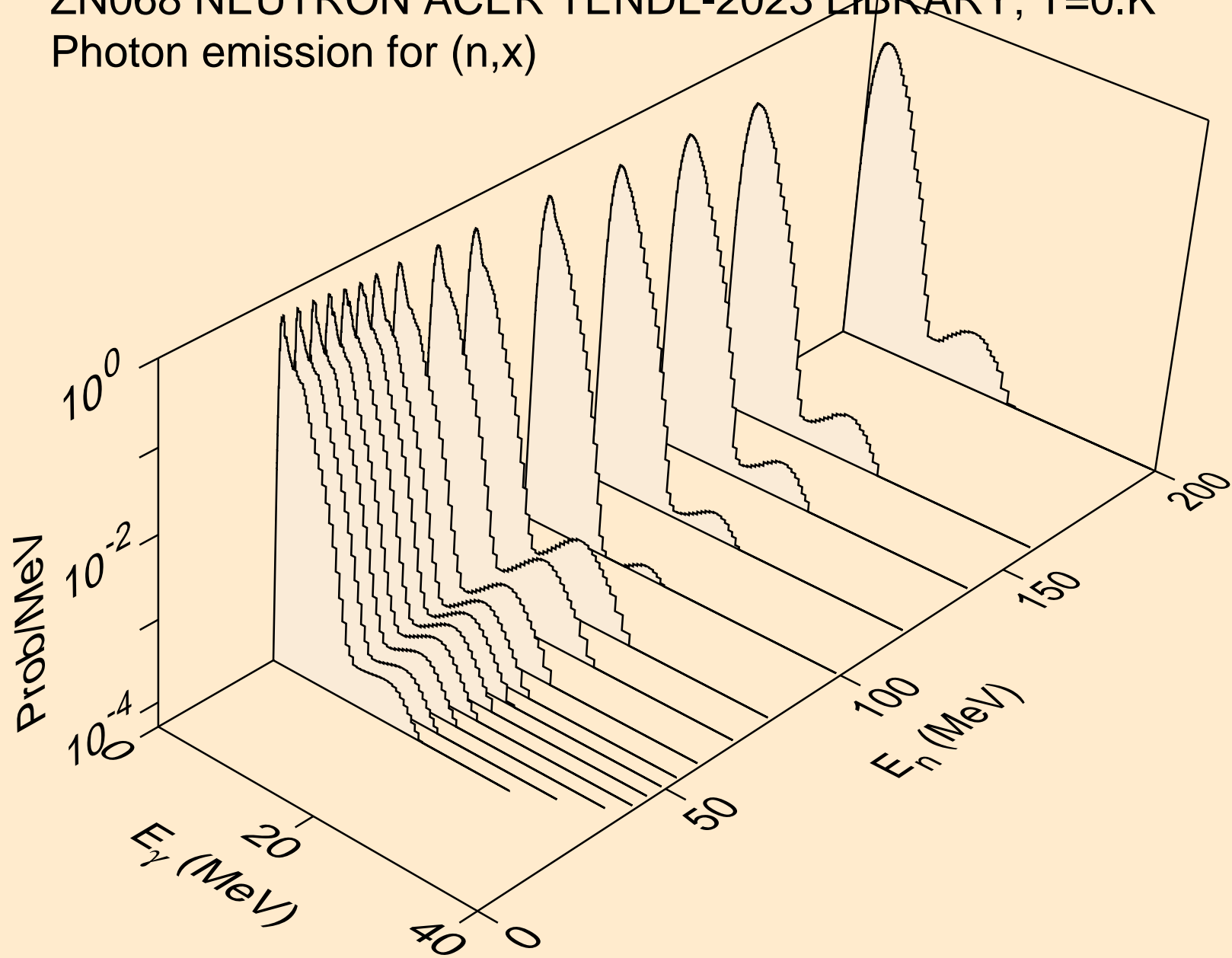
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

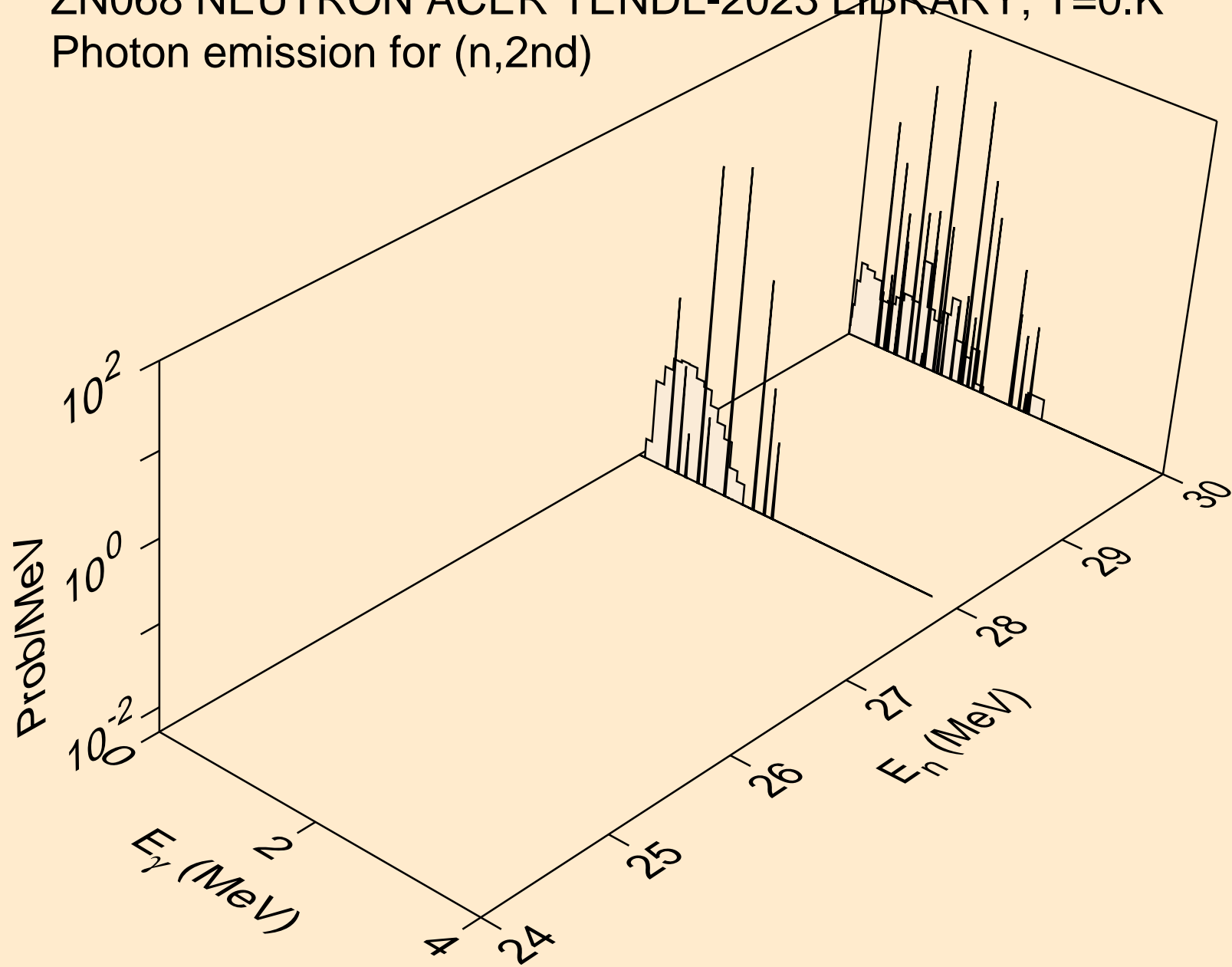


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

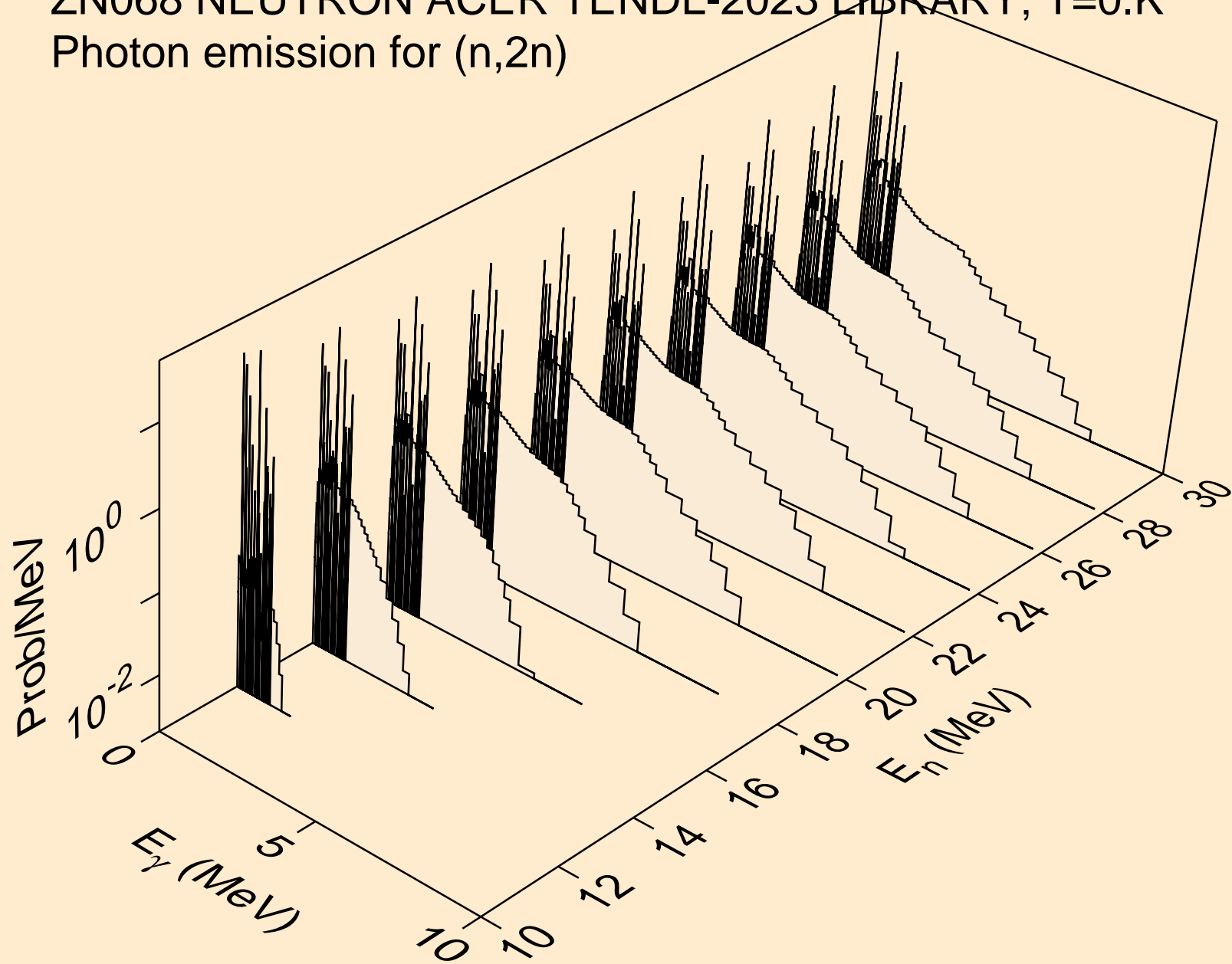




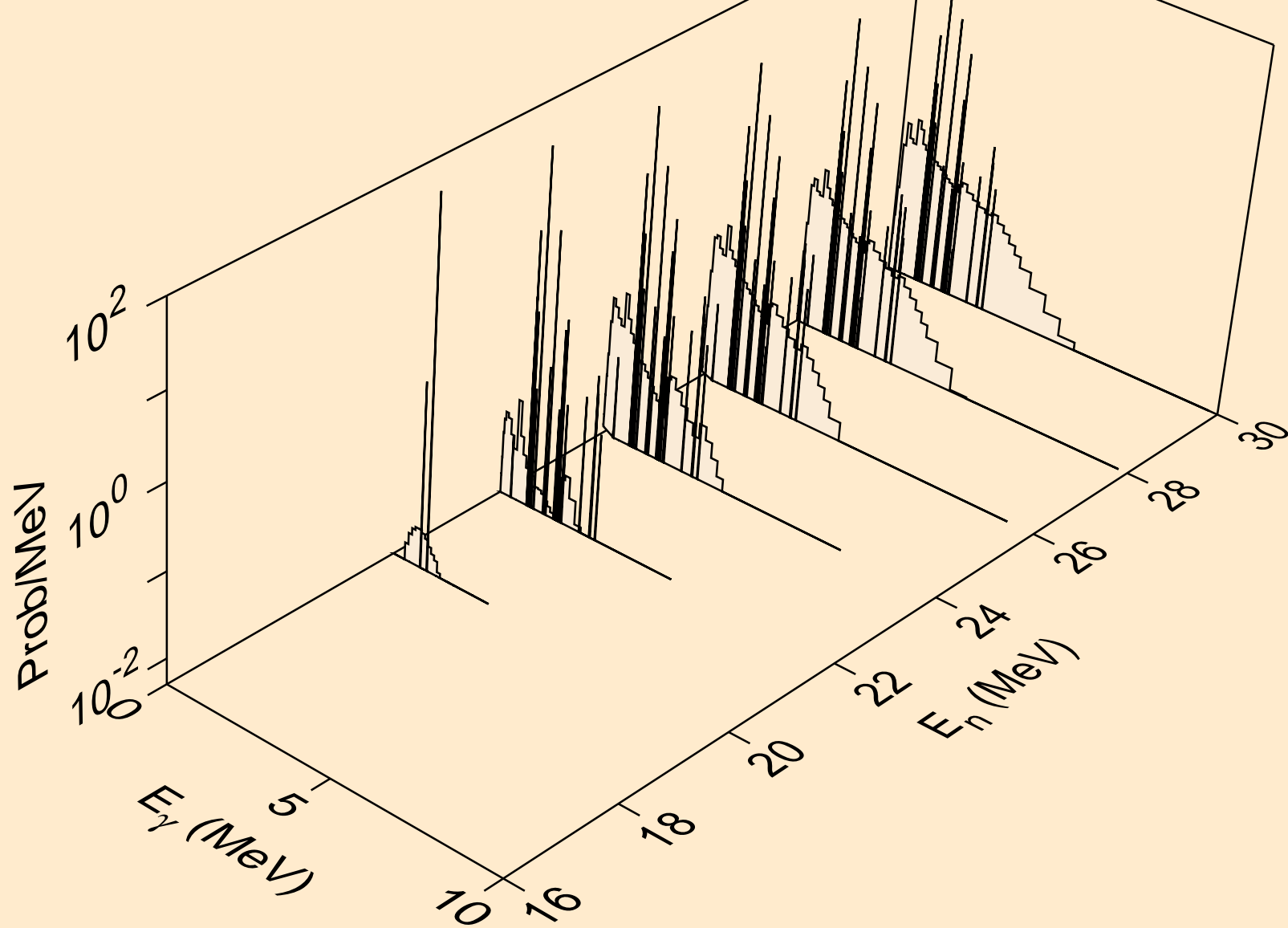
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



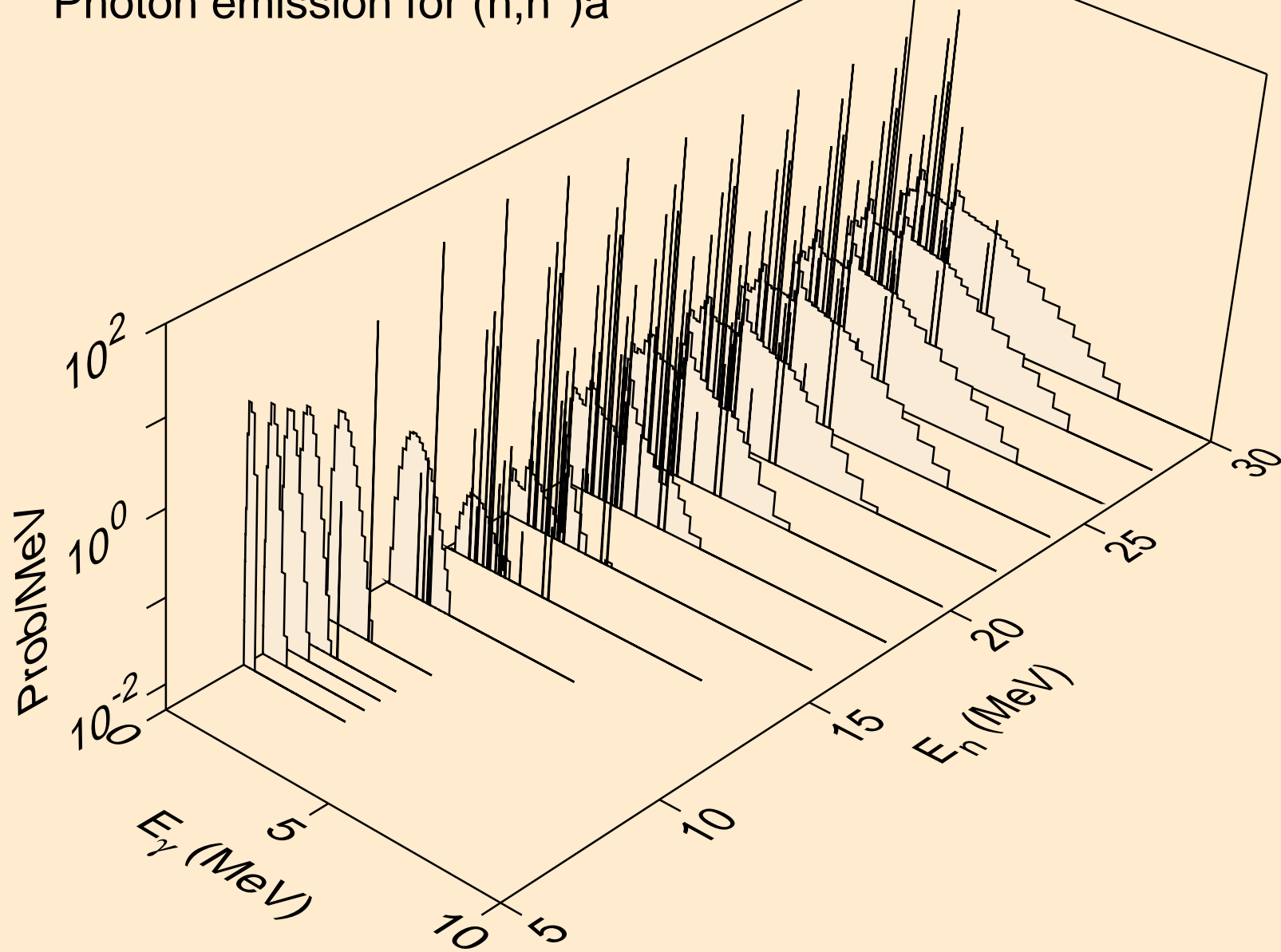
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



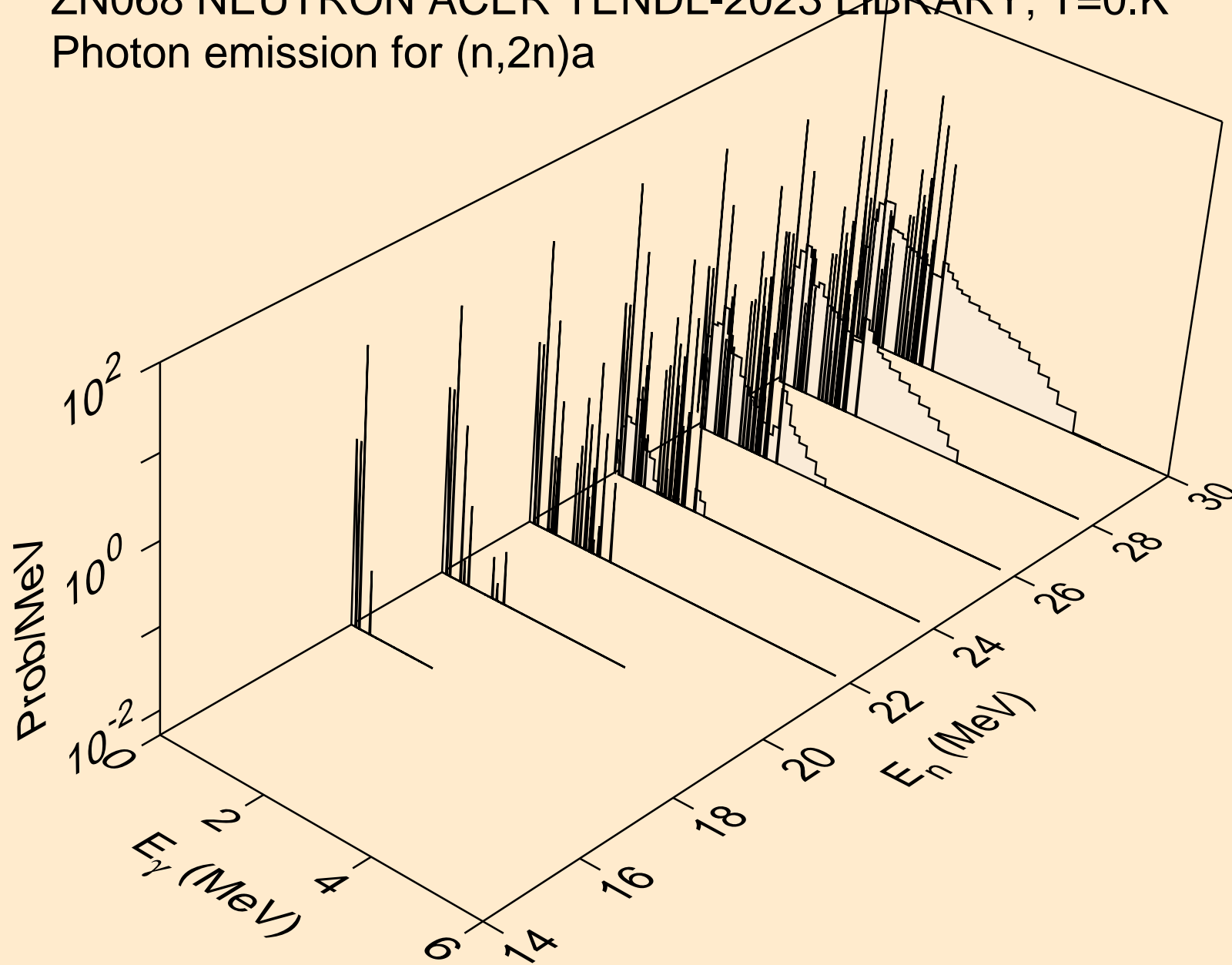
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



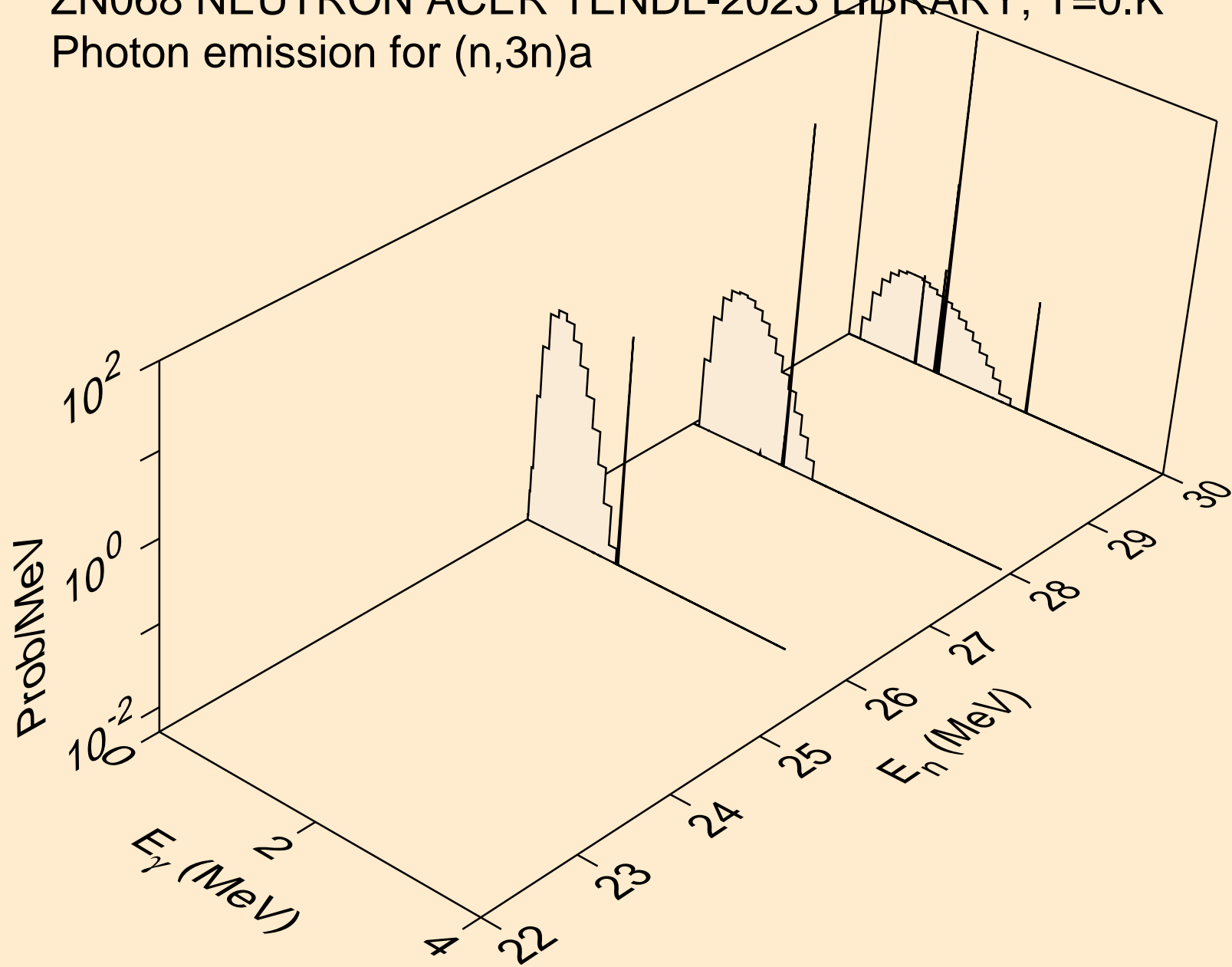
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



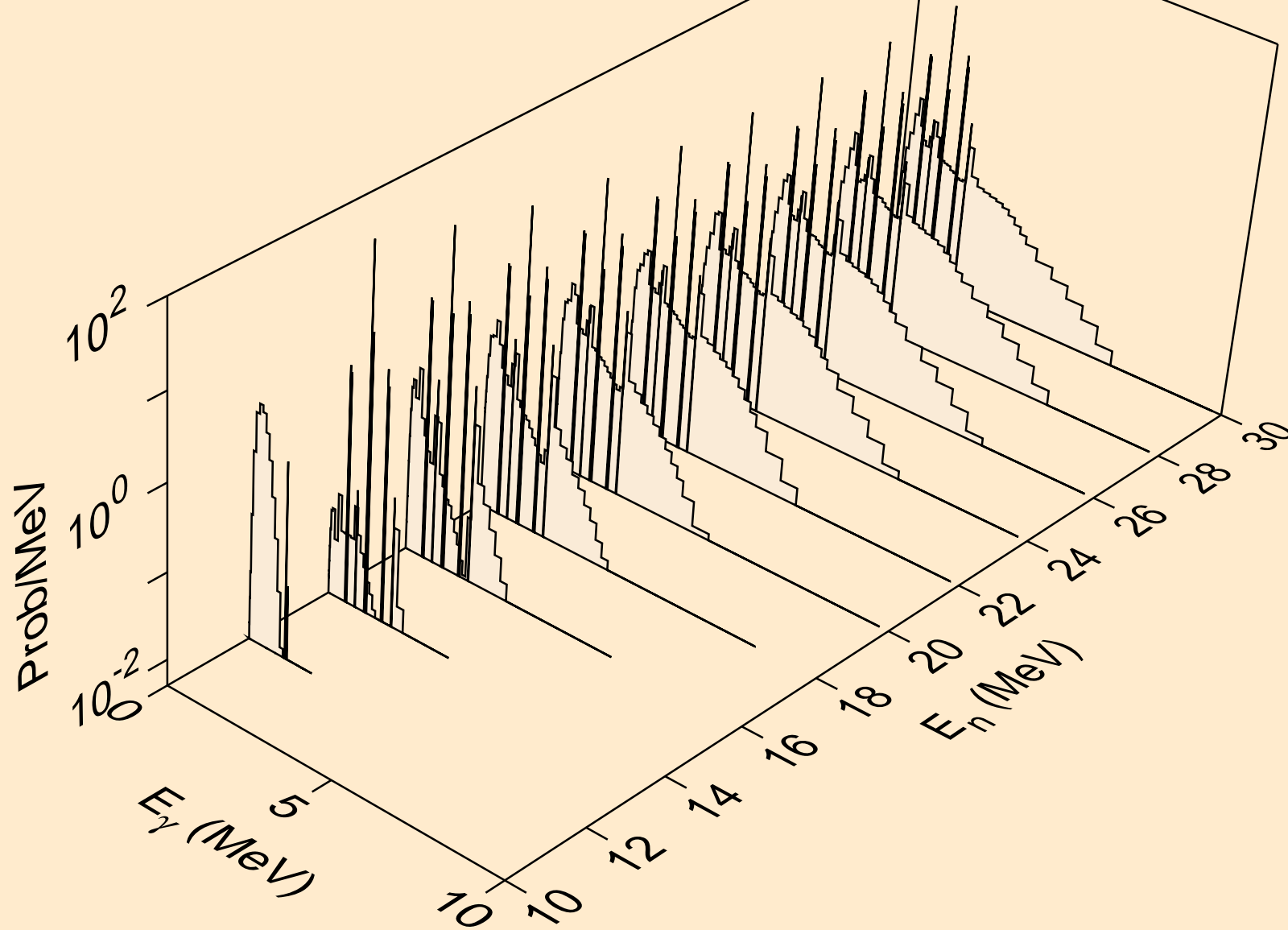
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



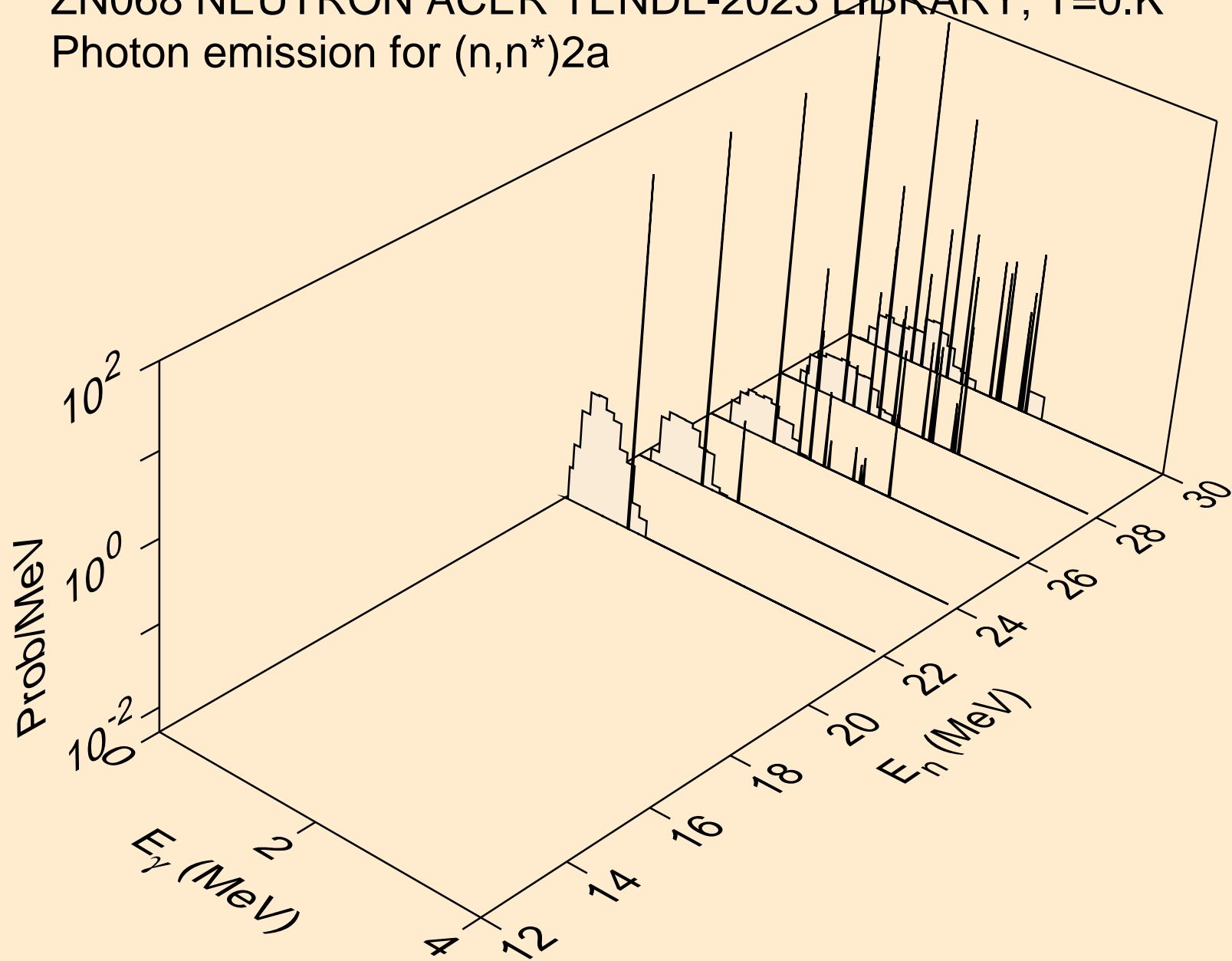
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

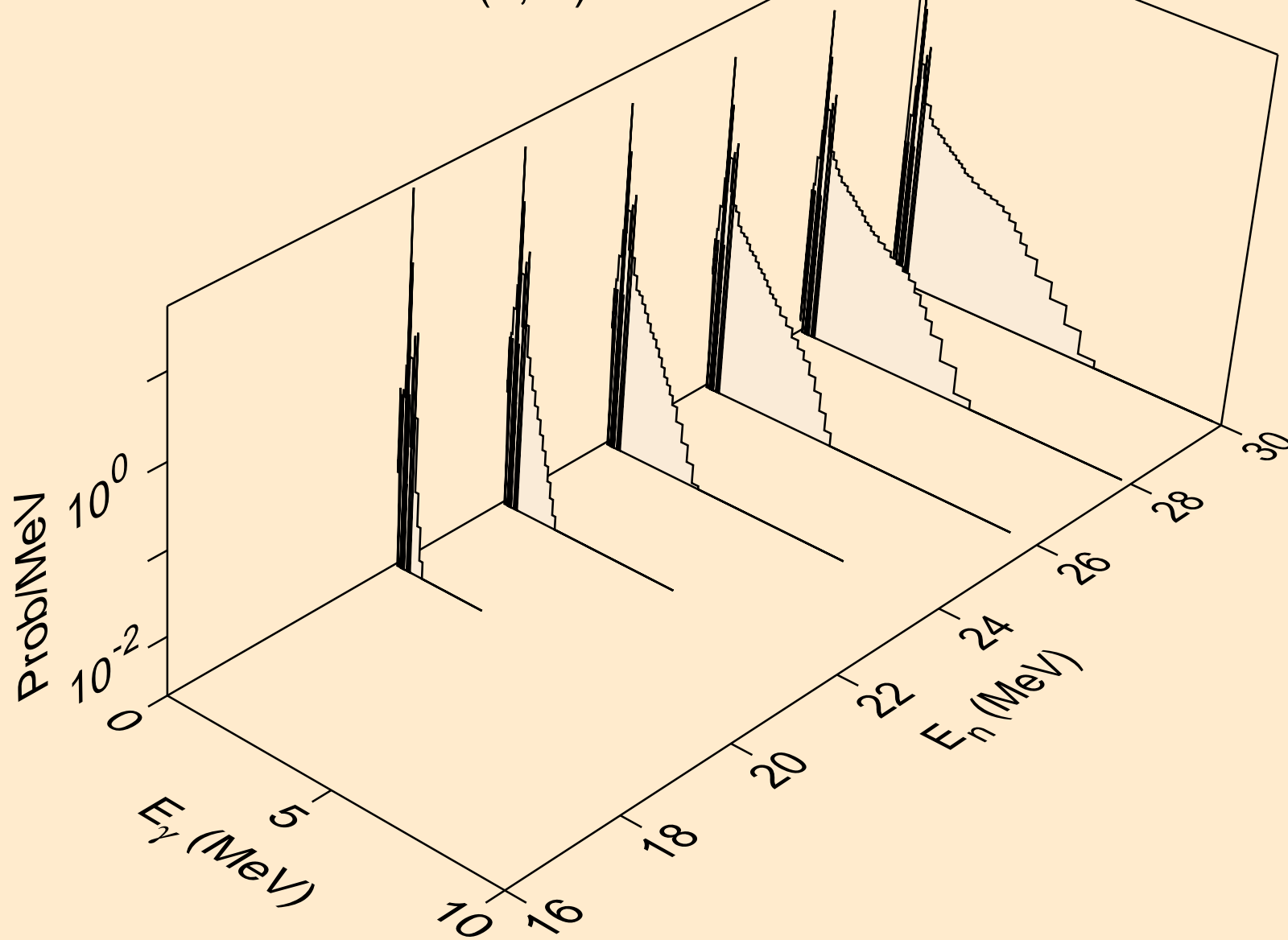


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

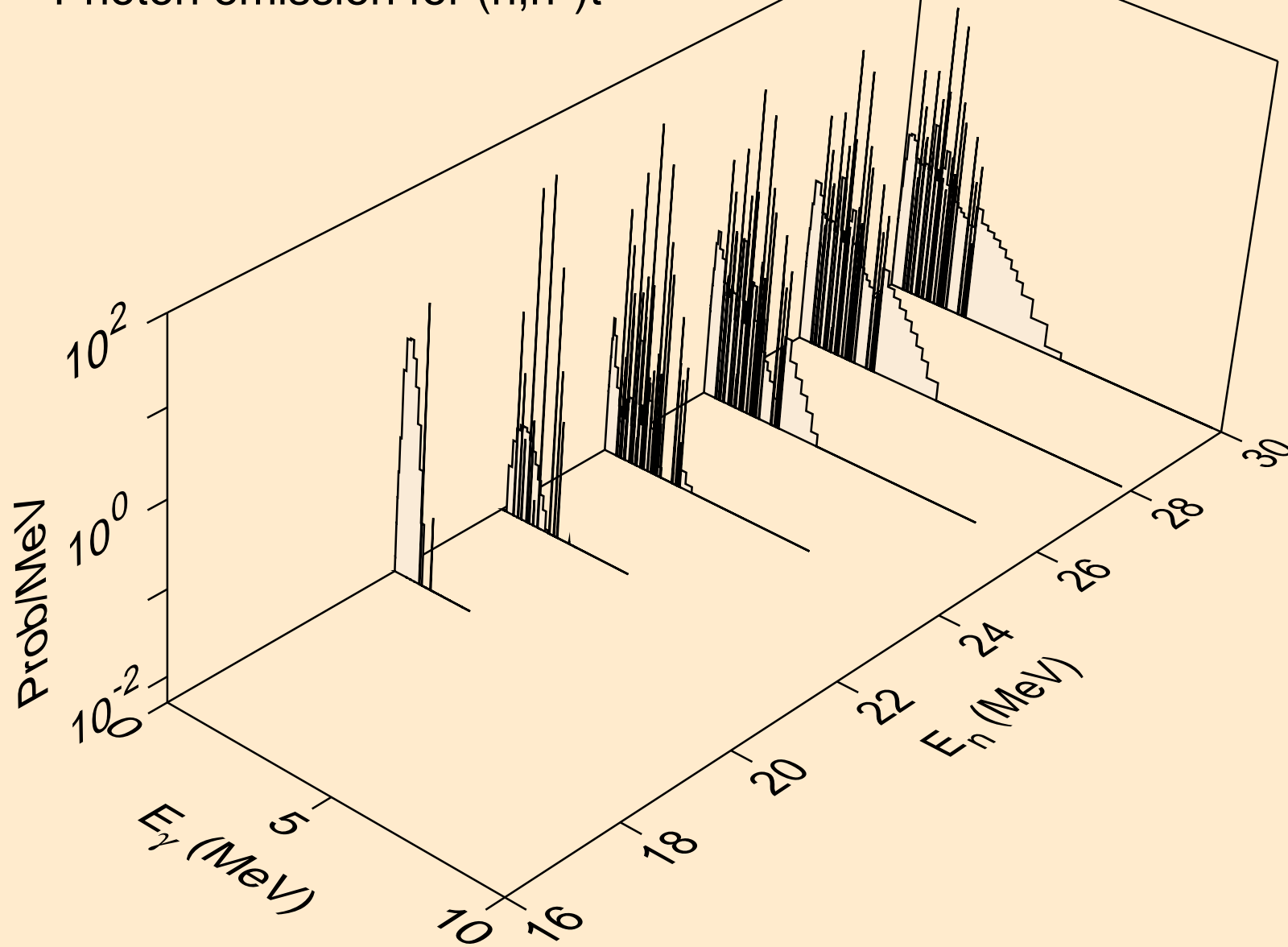




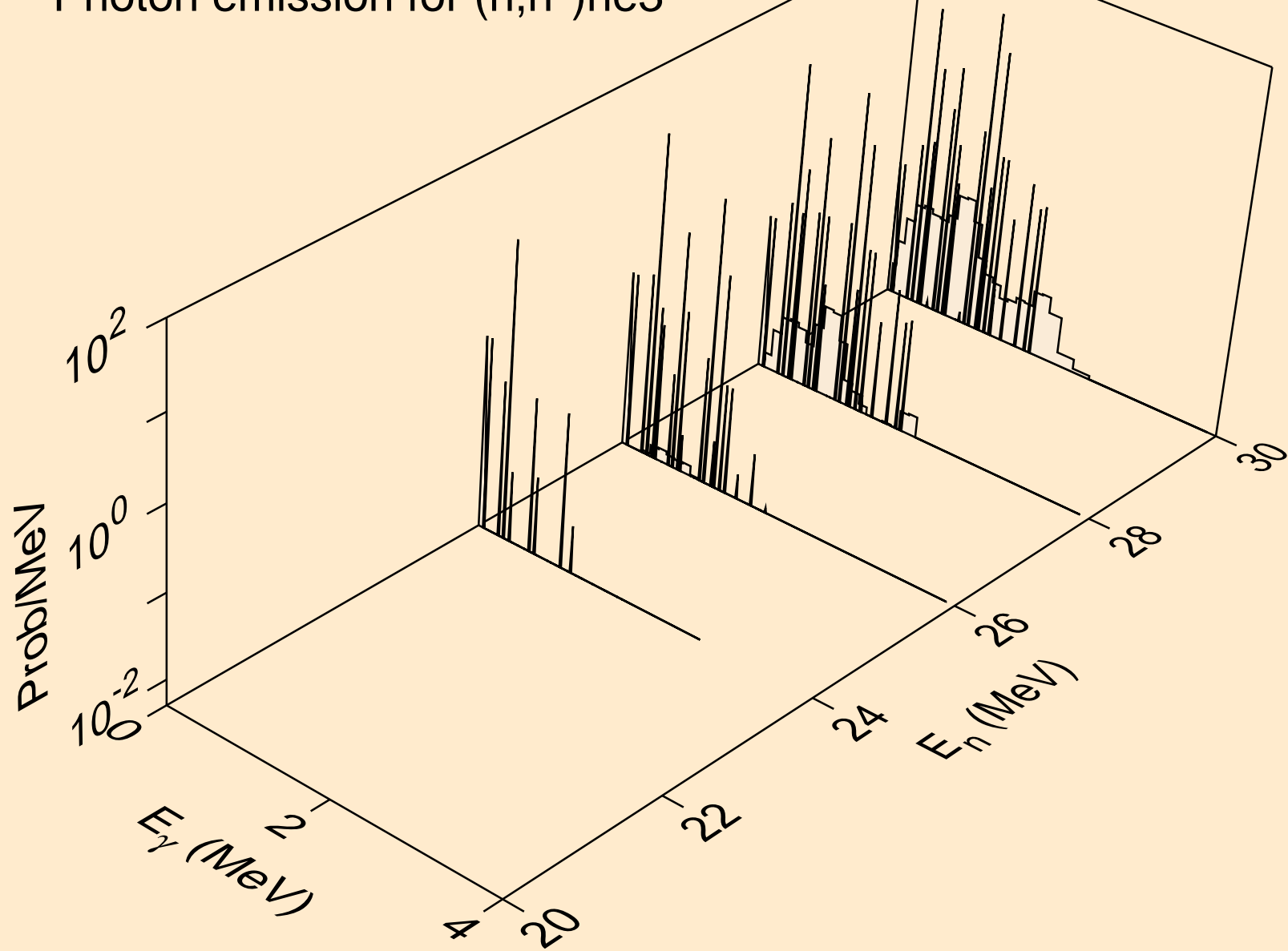
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Photon emission for (n,n\*)d



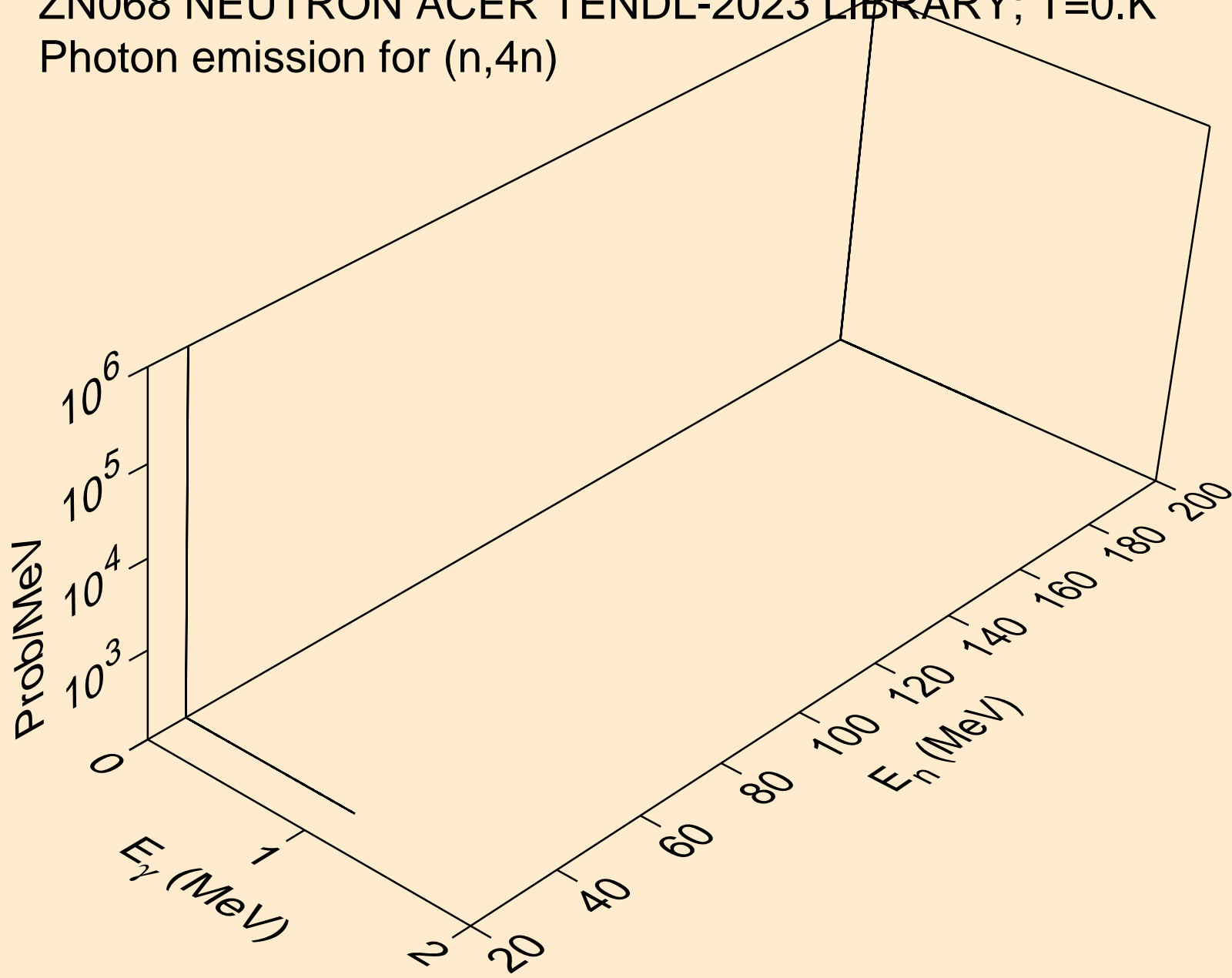
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



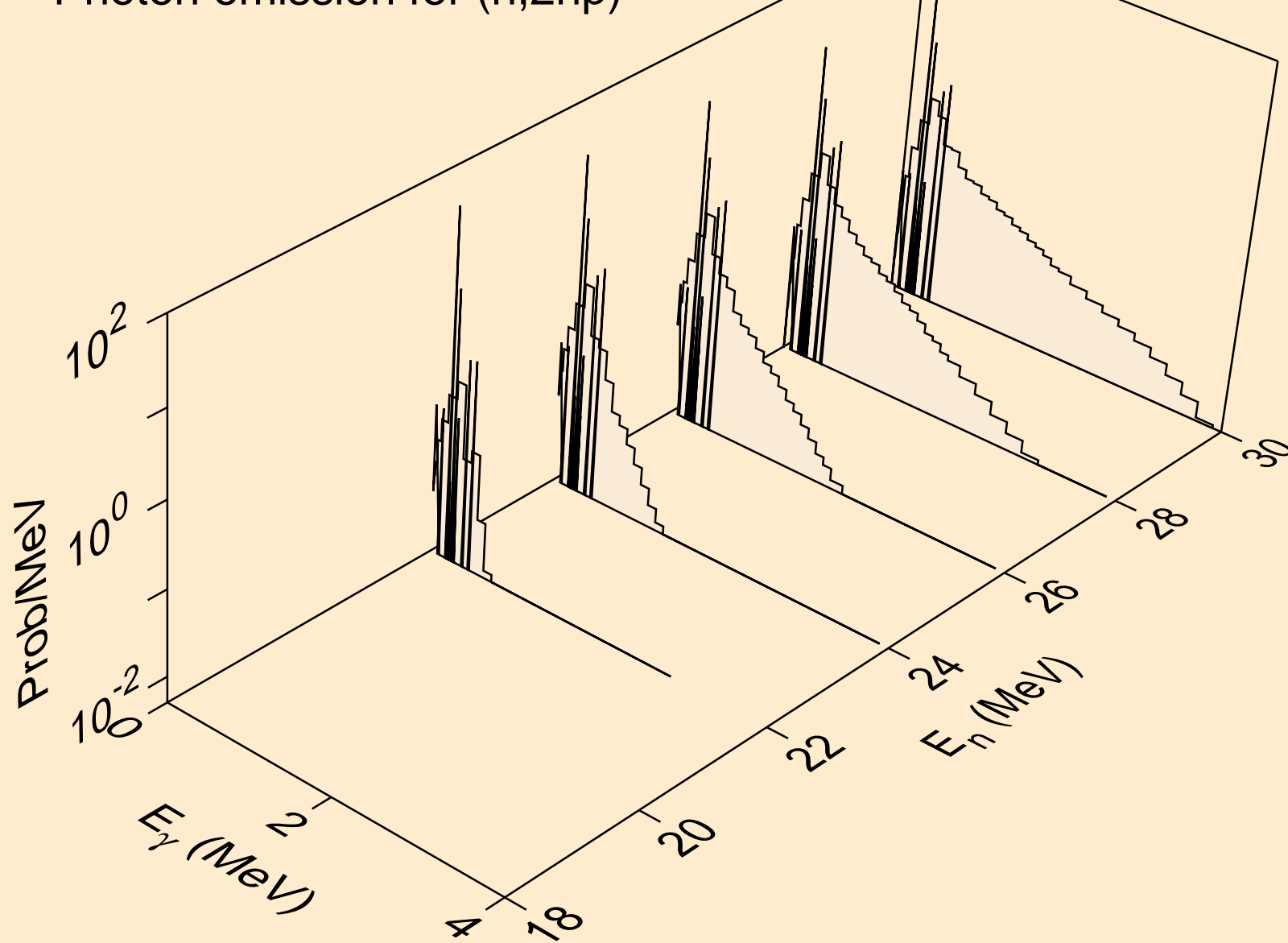
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



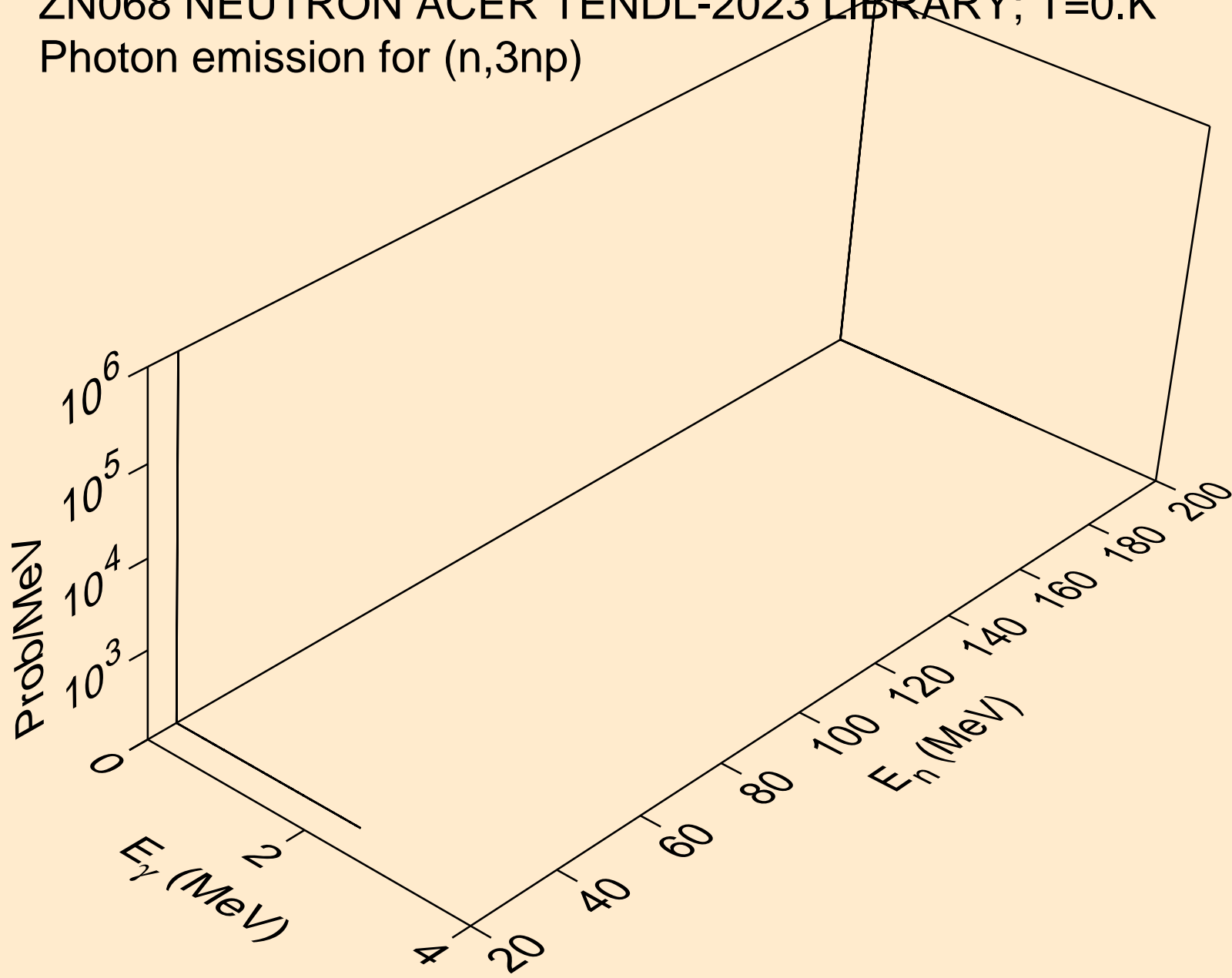
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Photon emission for (n,4n)



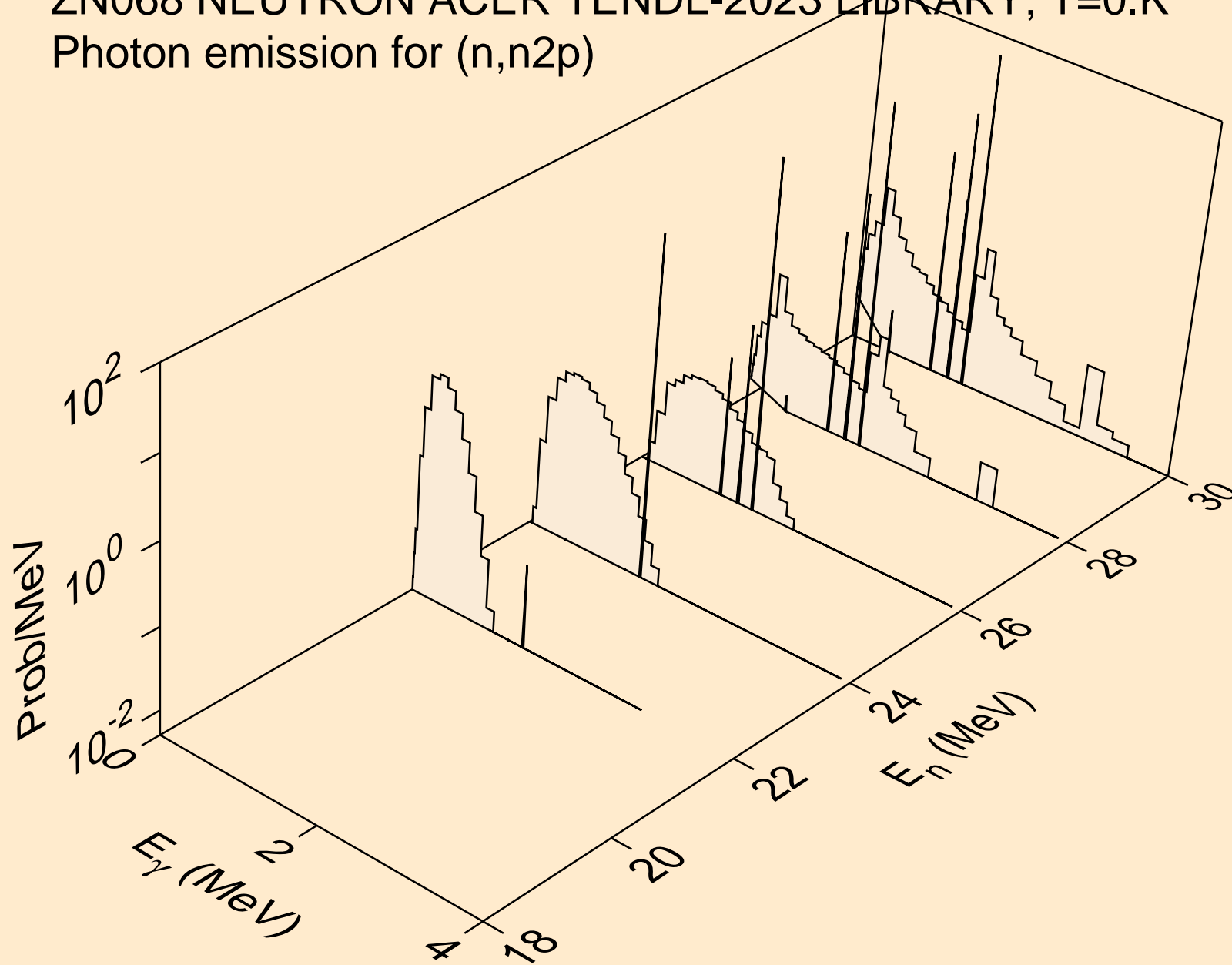
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



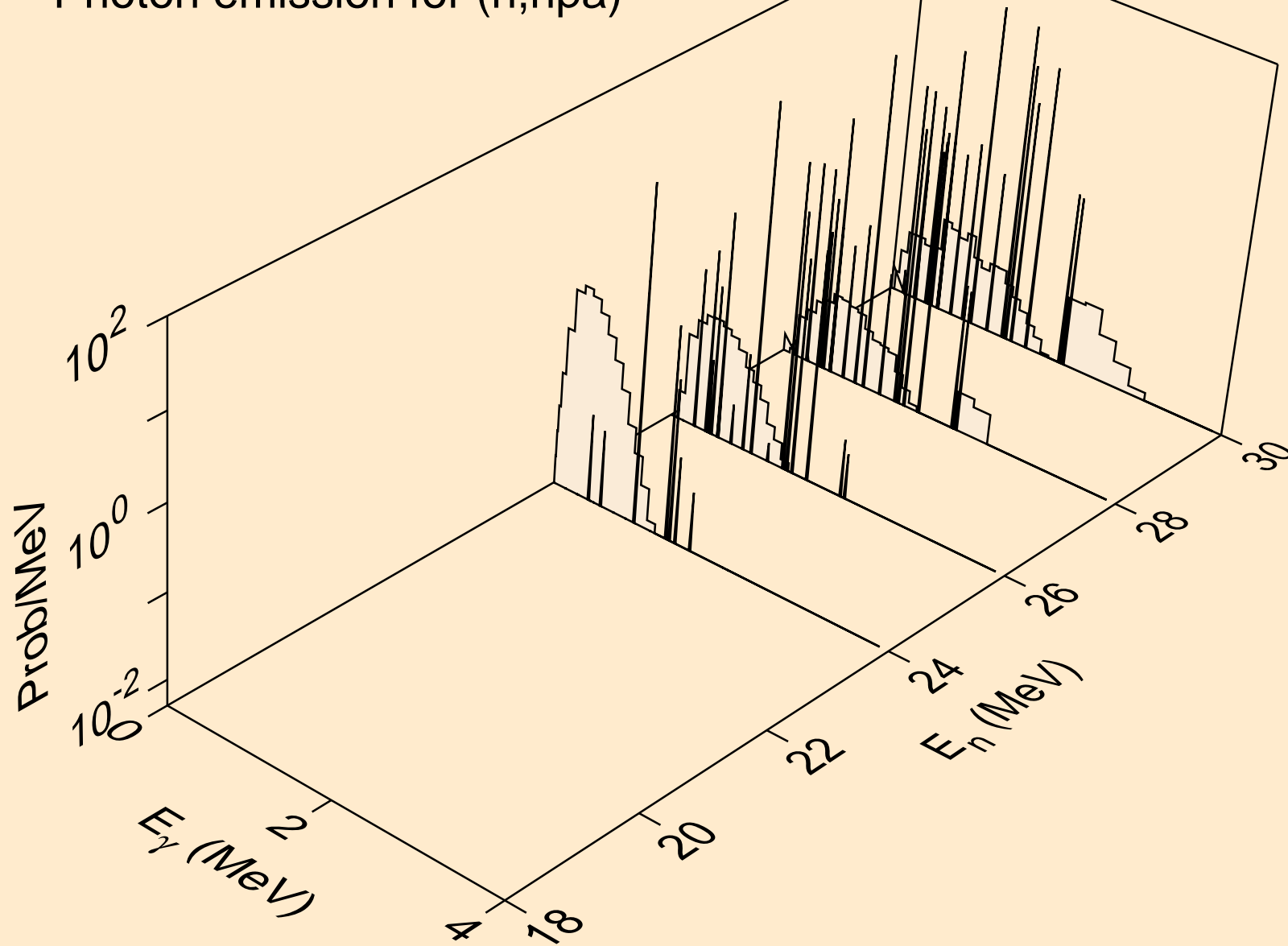
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

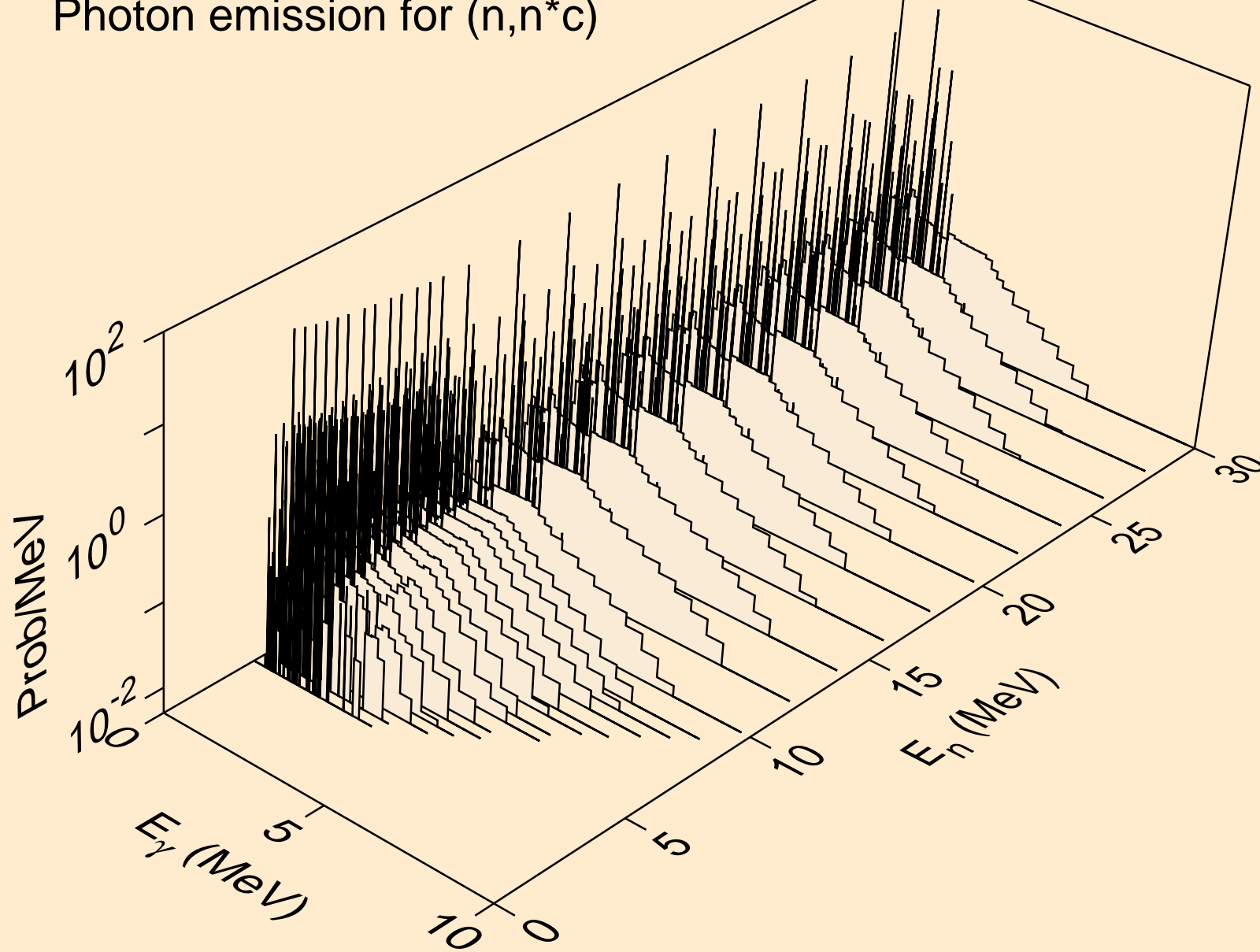


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

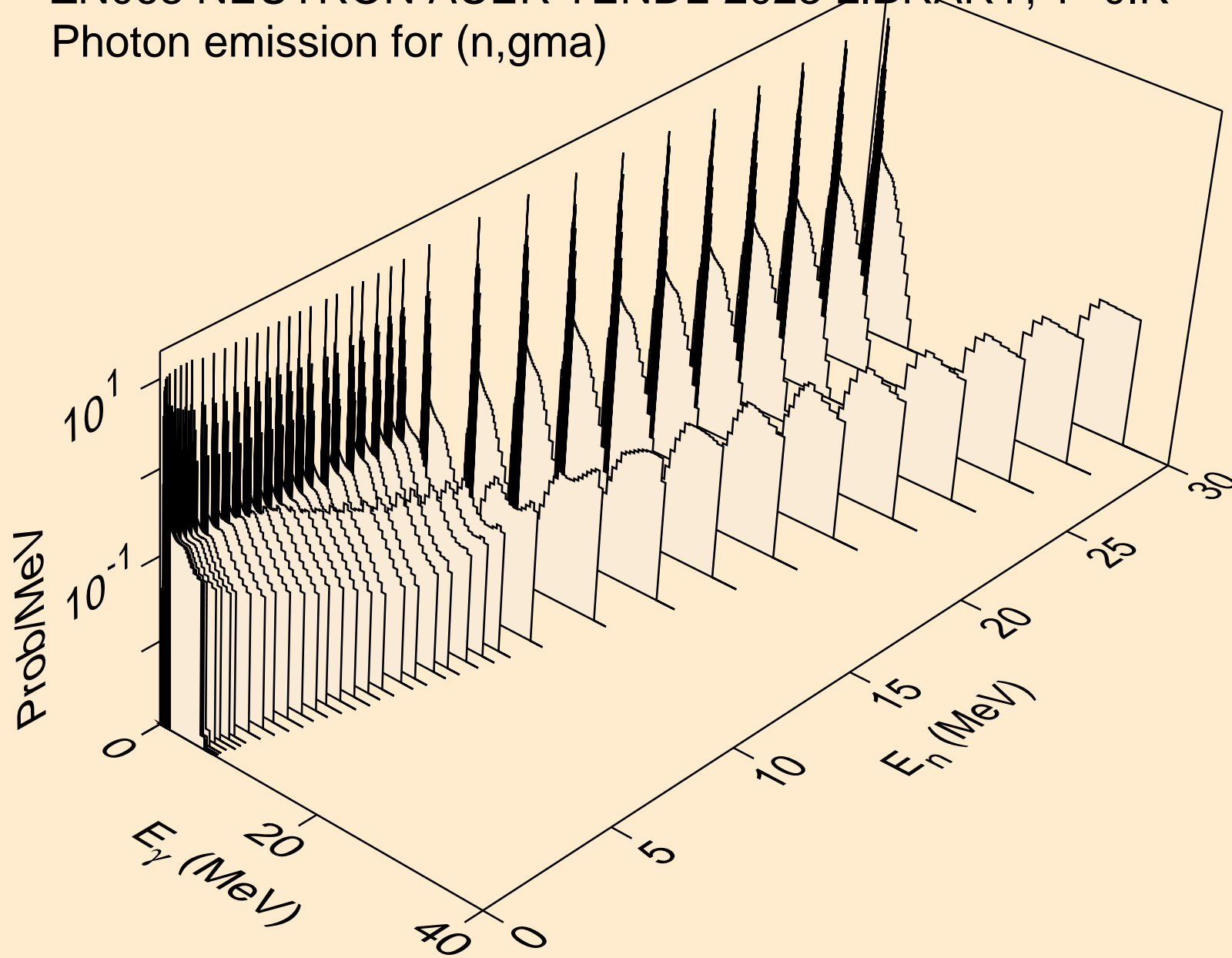




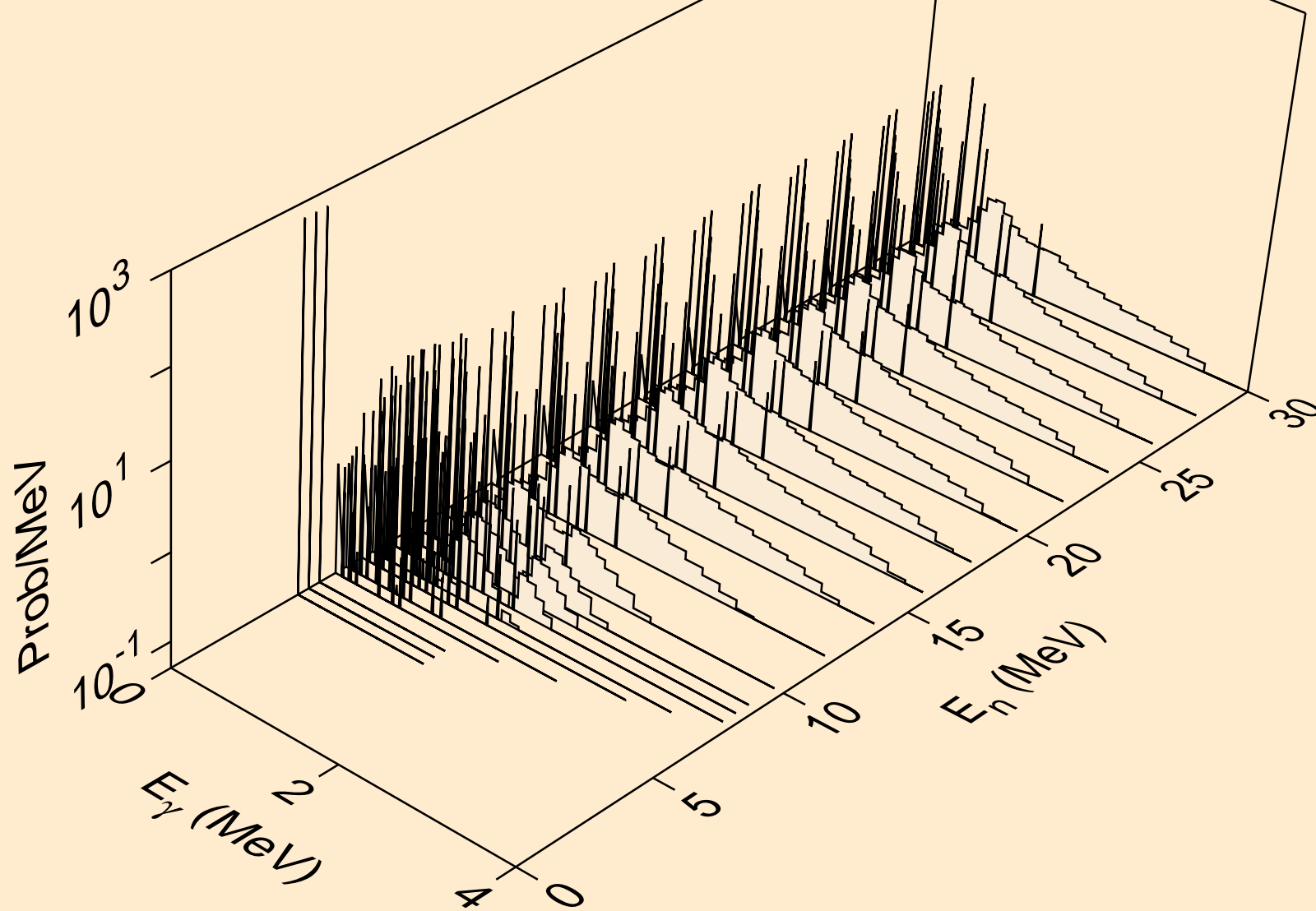
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



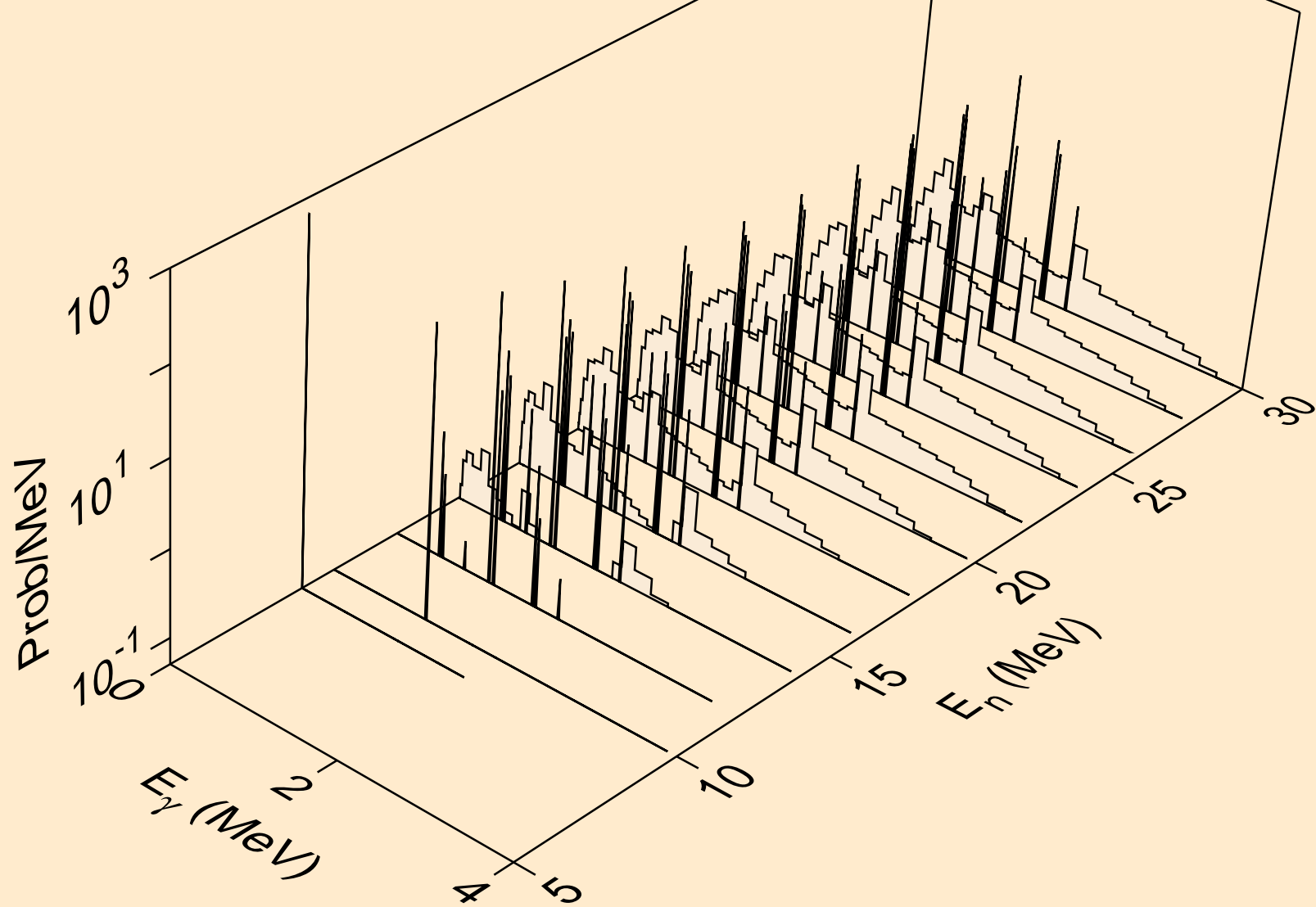
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Photon emission for (n,gma)



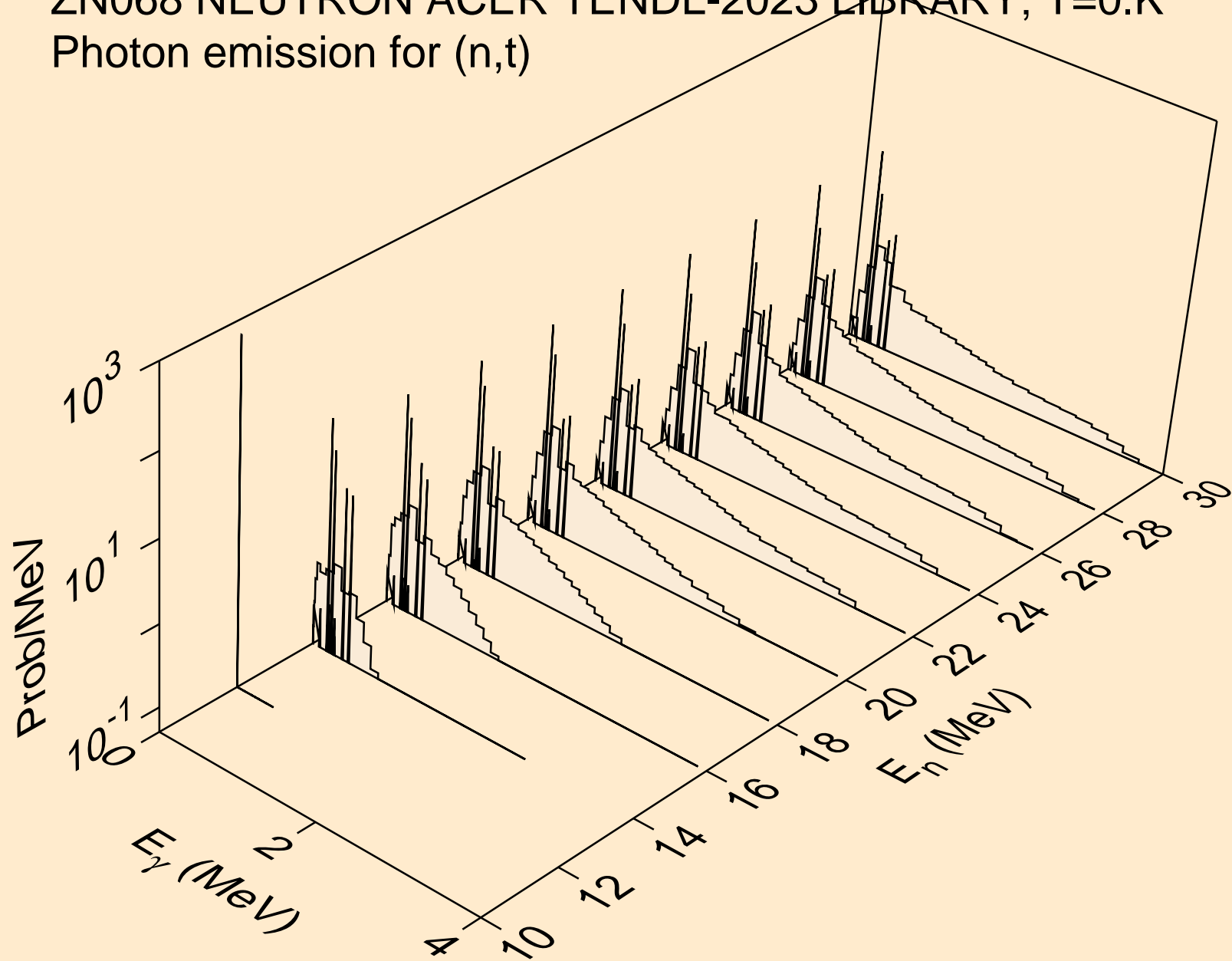
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Photon emission for (n,p)



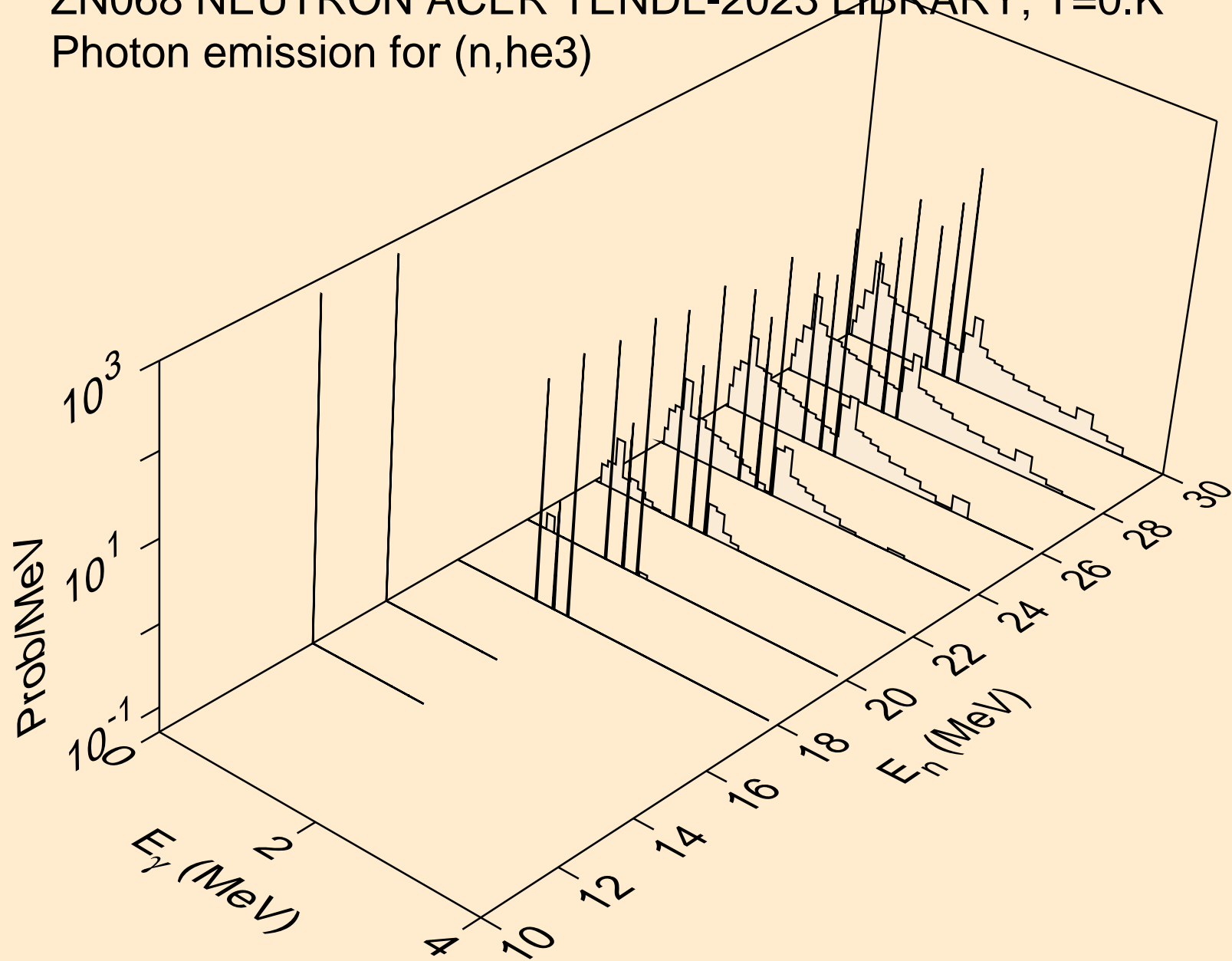
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Photon emission for (n,d)



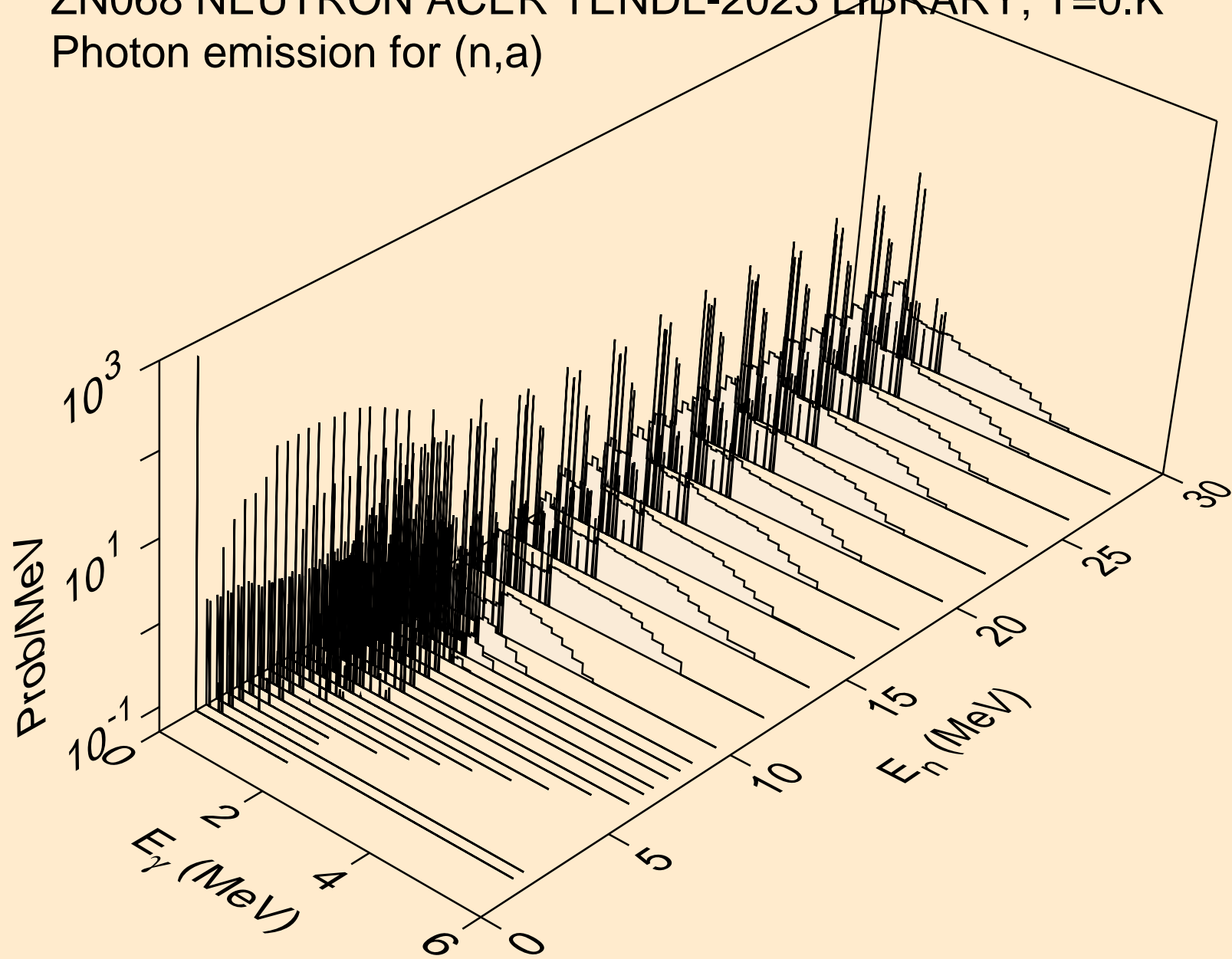
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



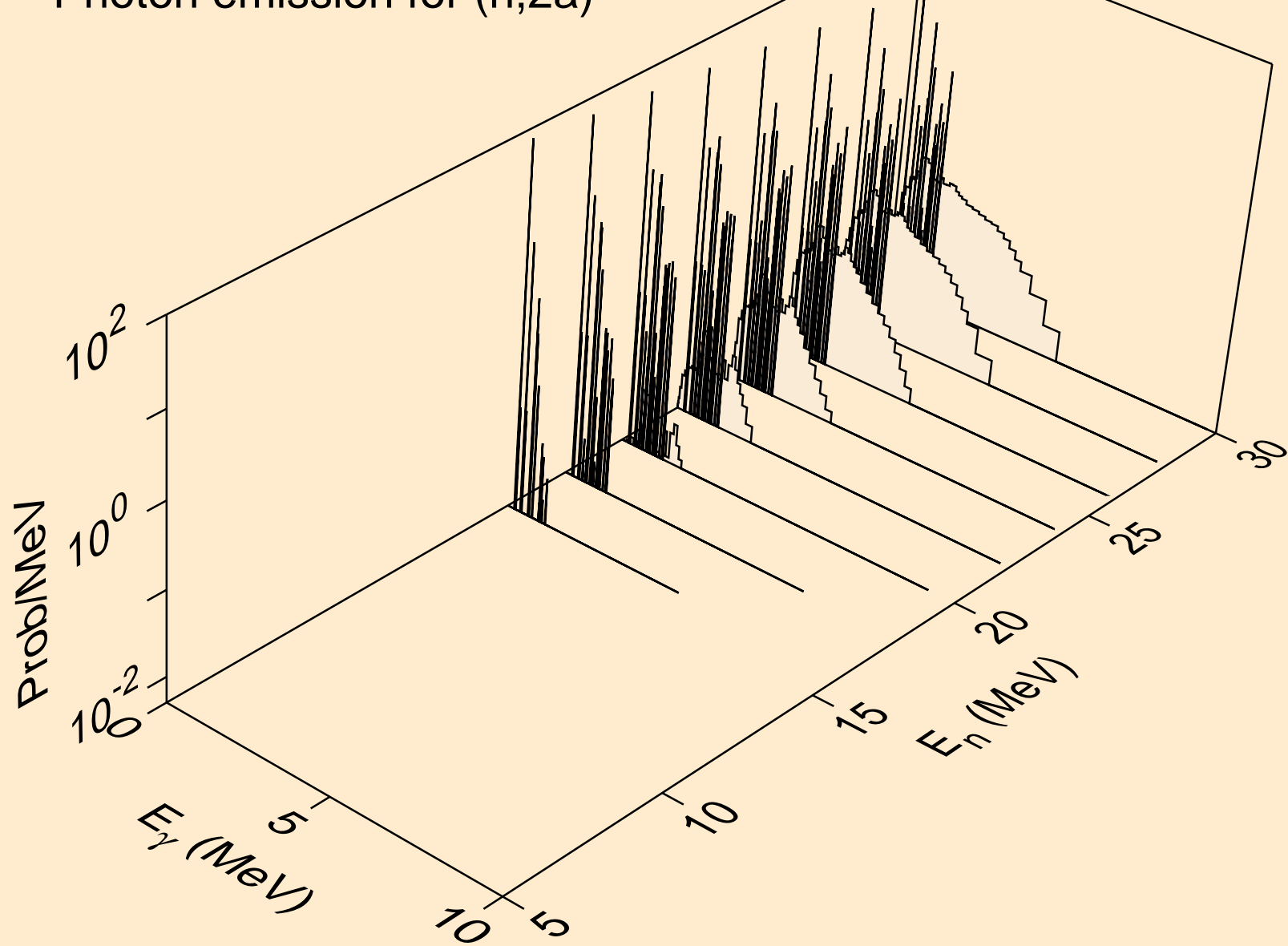
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

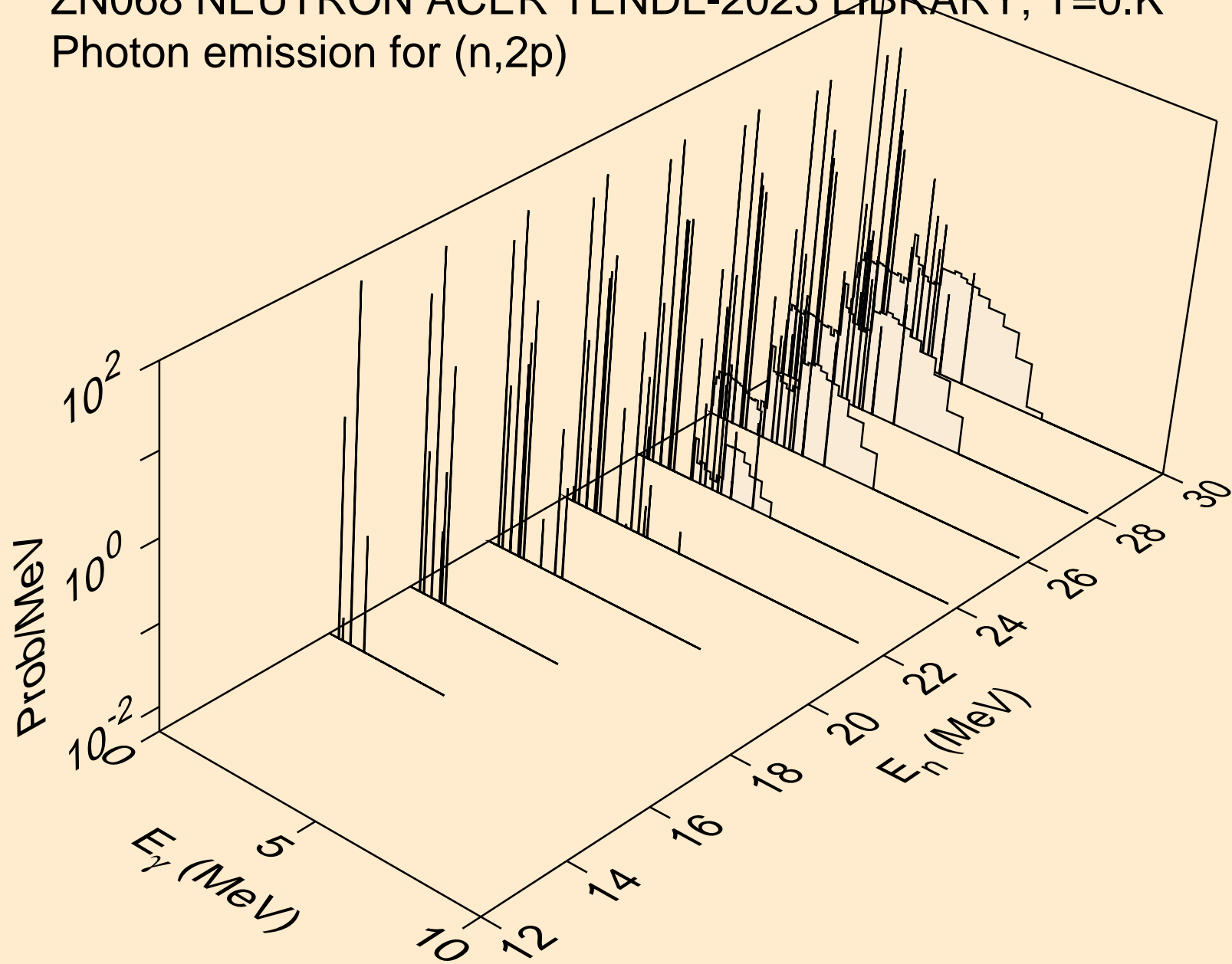


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Photon emission for (n,2a)

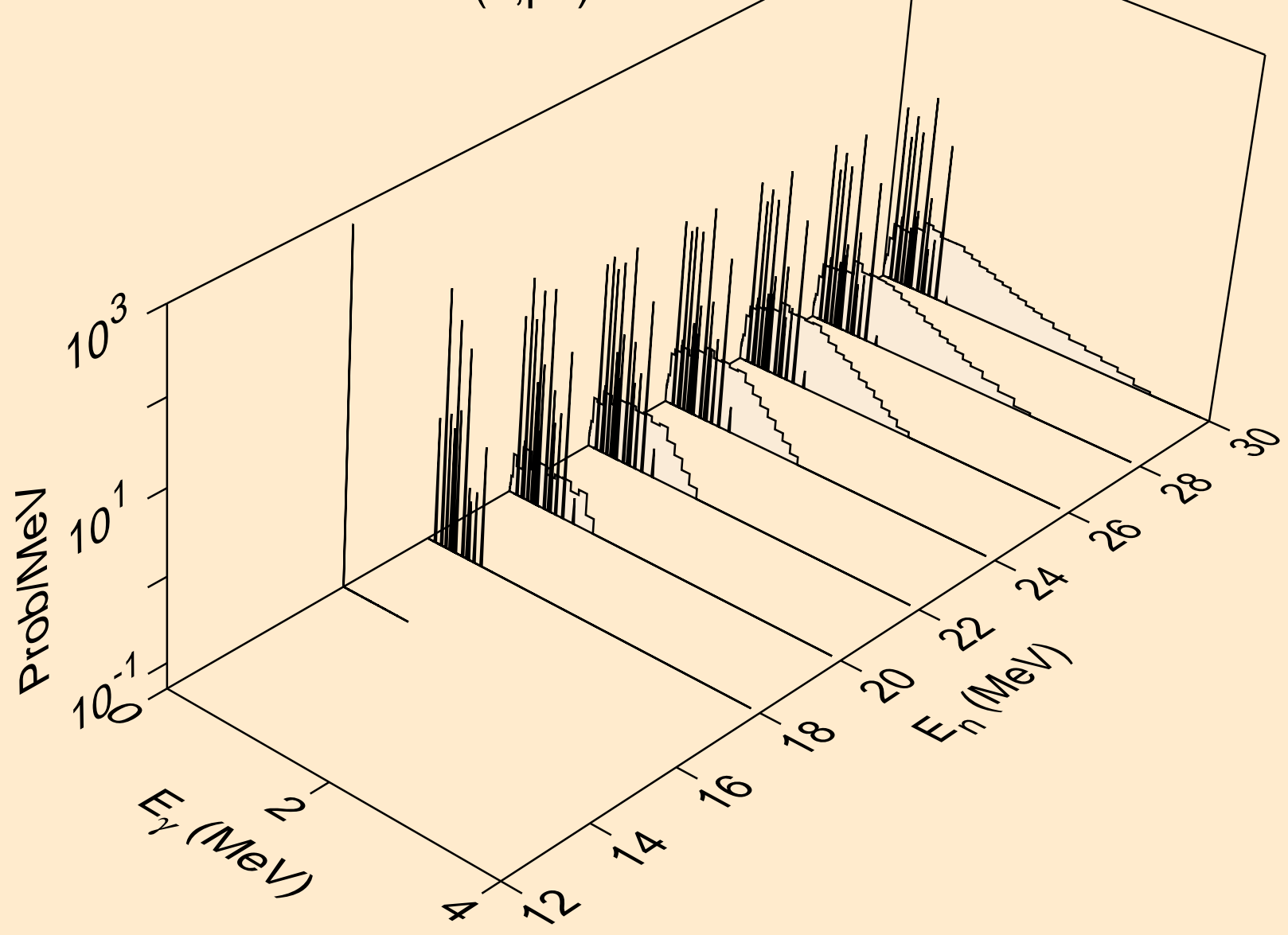




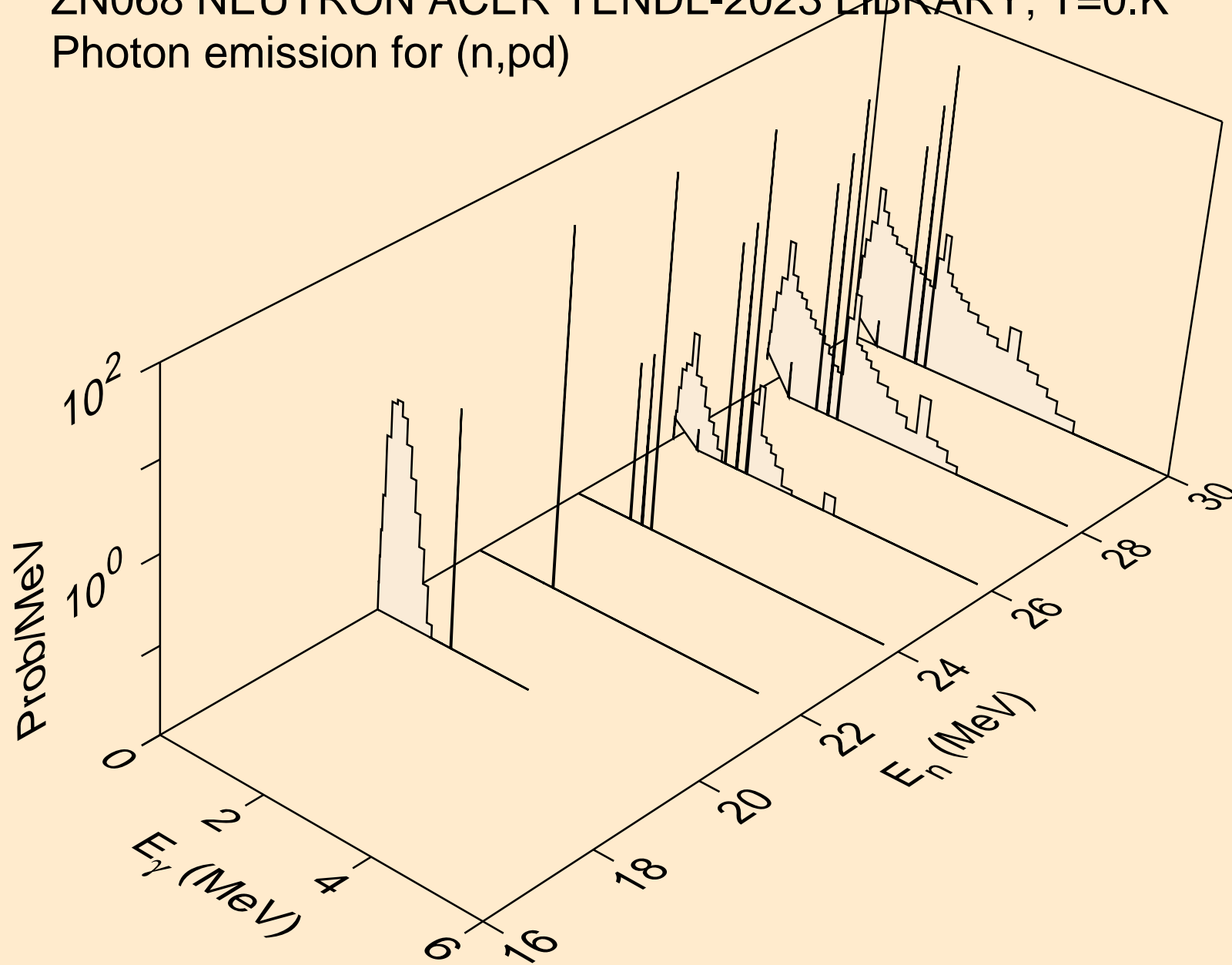
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Photon emission for (n,2p)



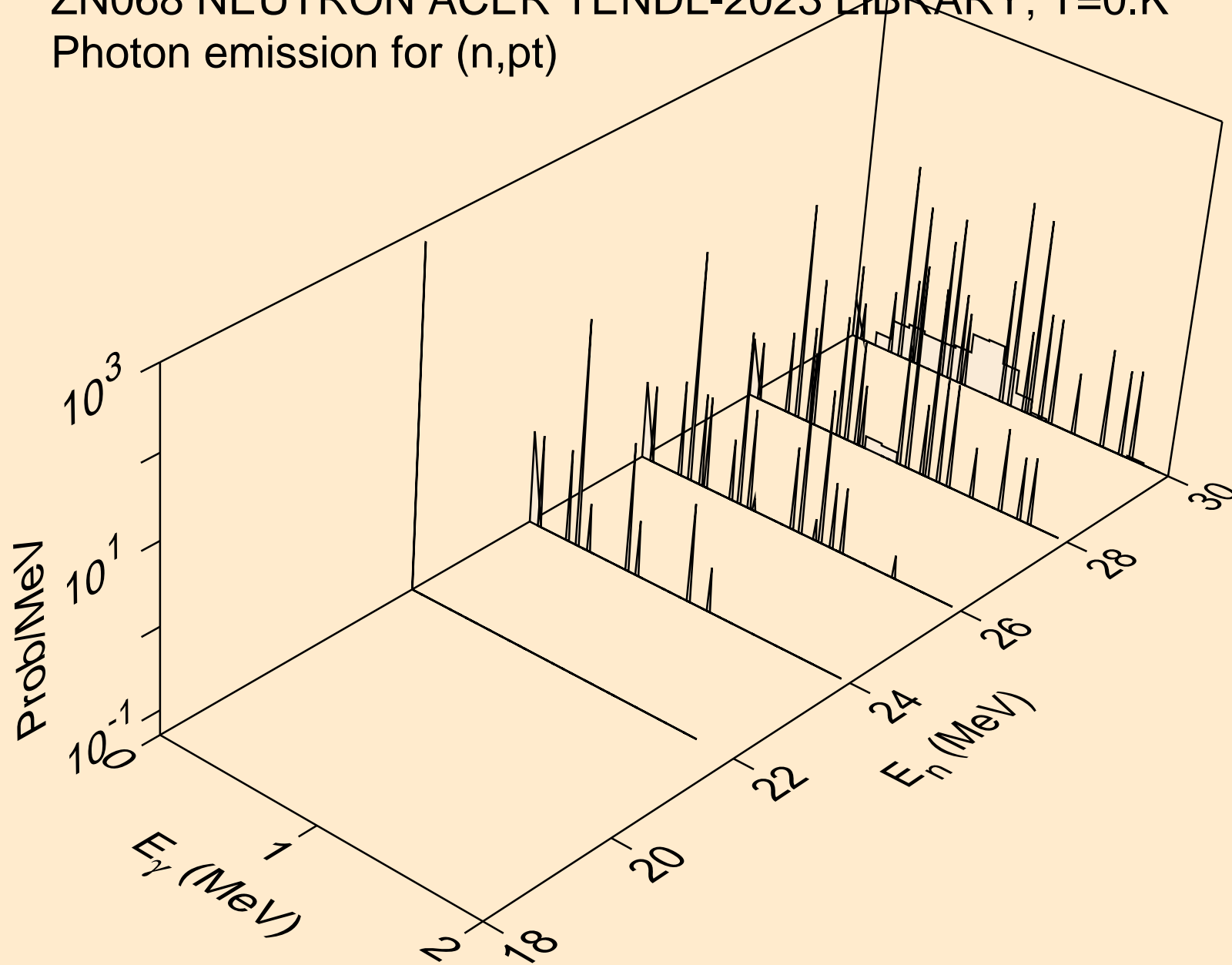
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Photon emission for (n,p $\alpha$ )



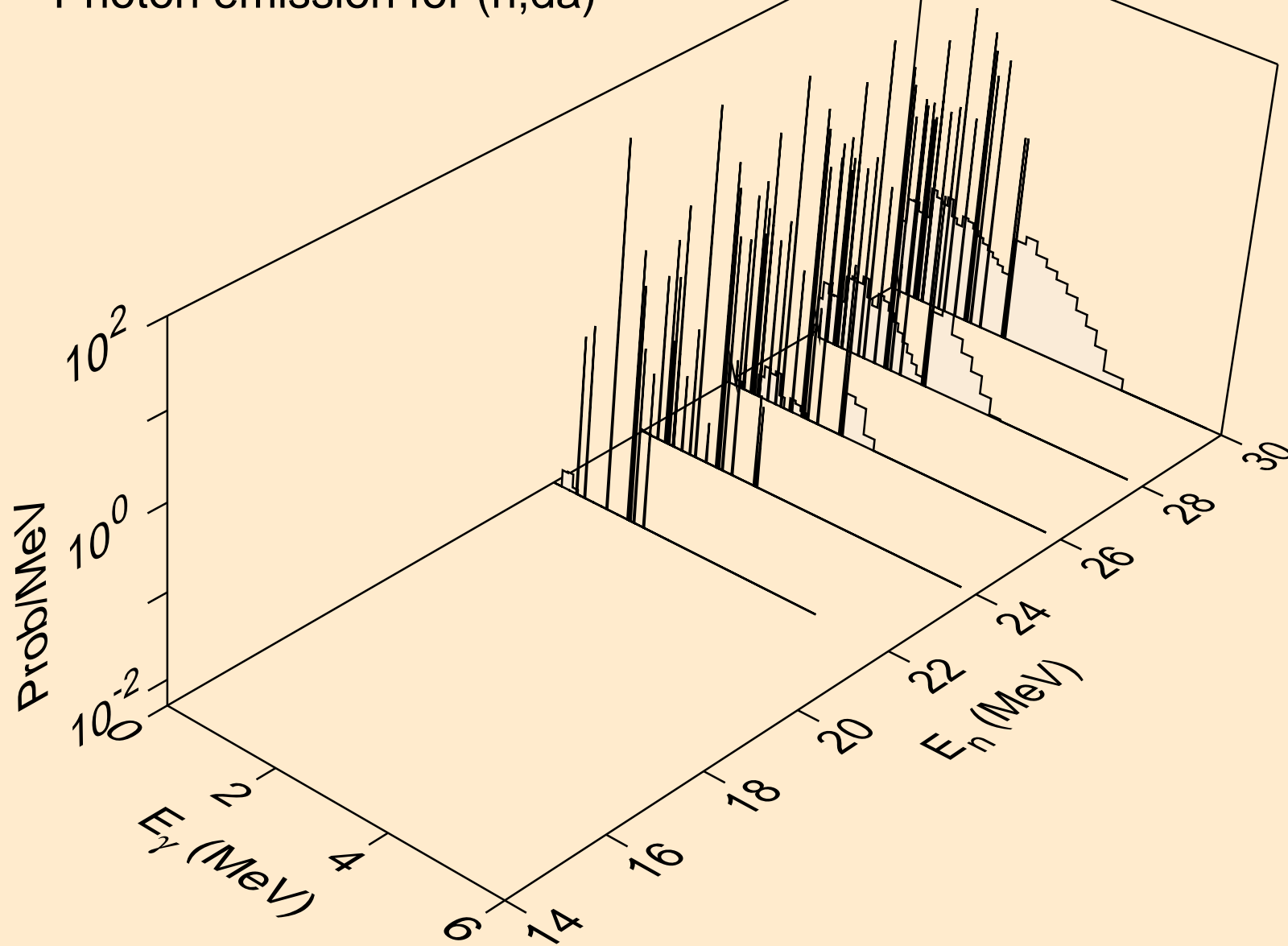
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Photon emission for (n,pd)



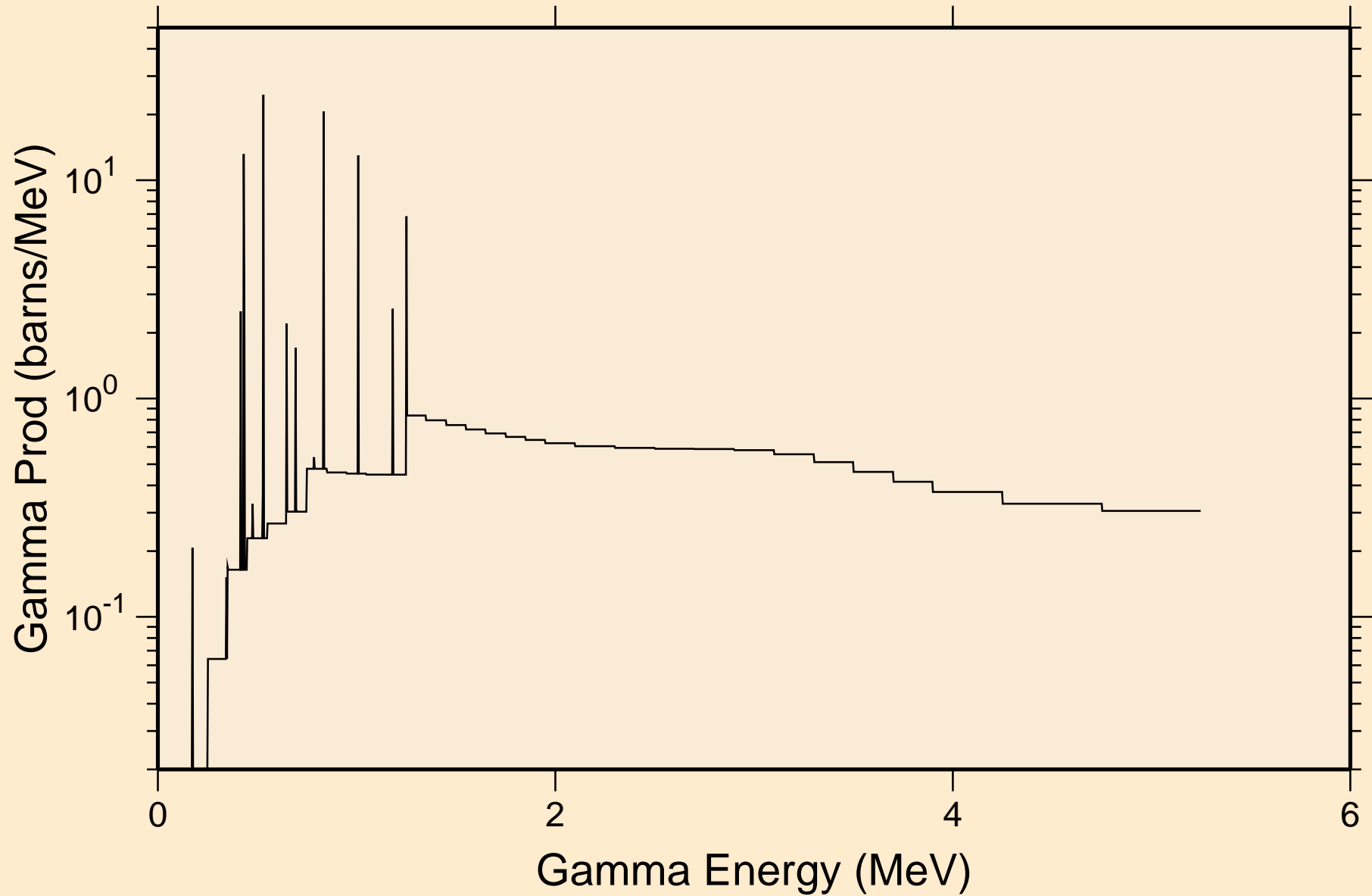
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Photon emission for (n,pt)



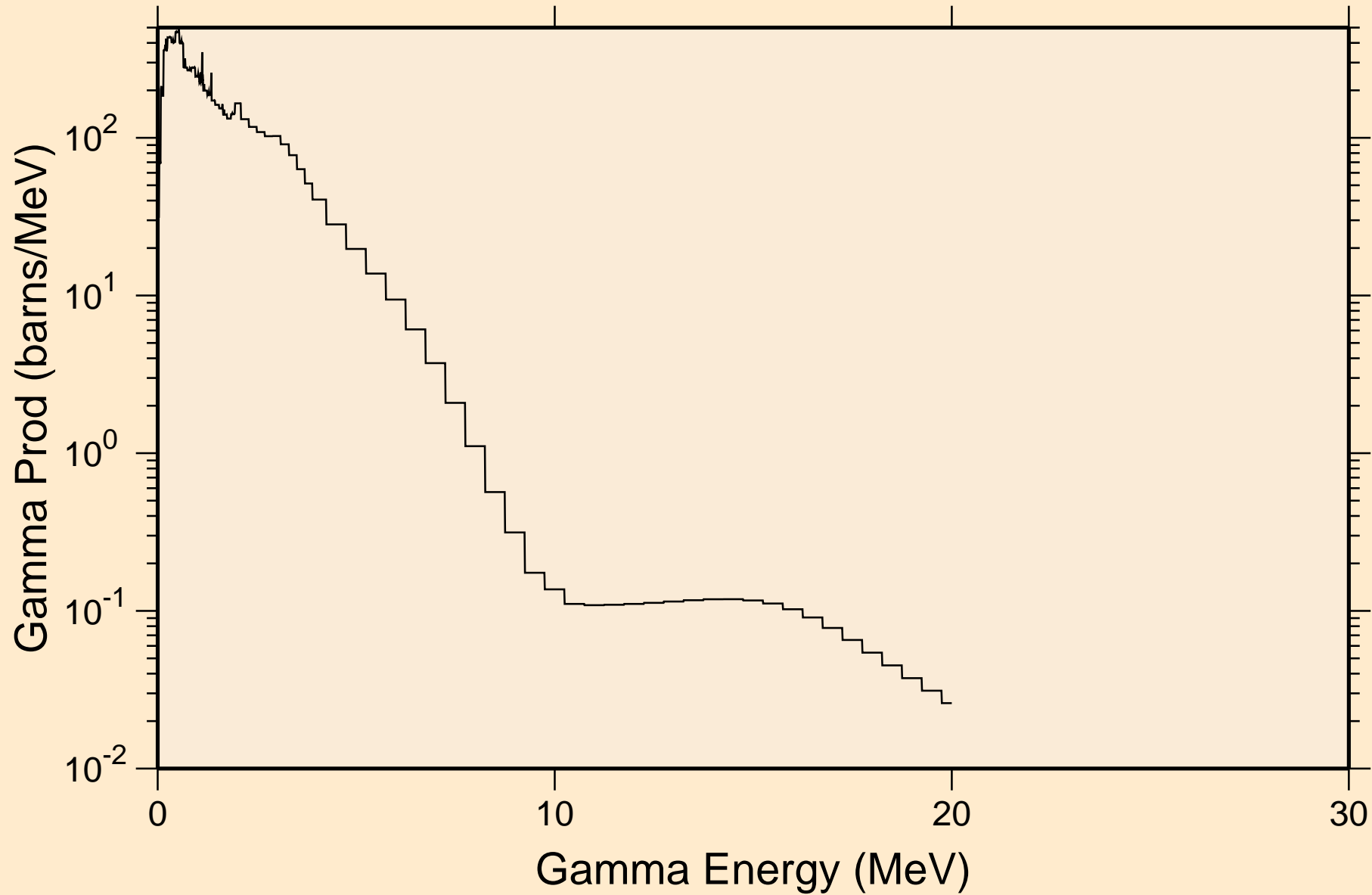
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

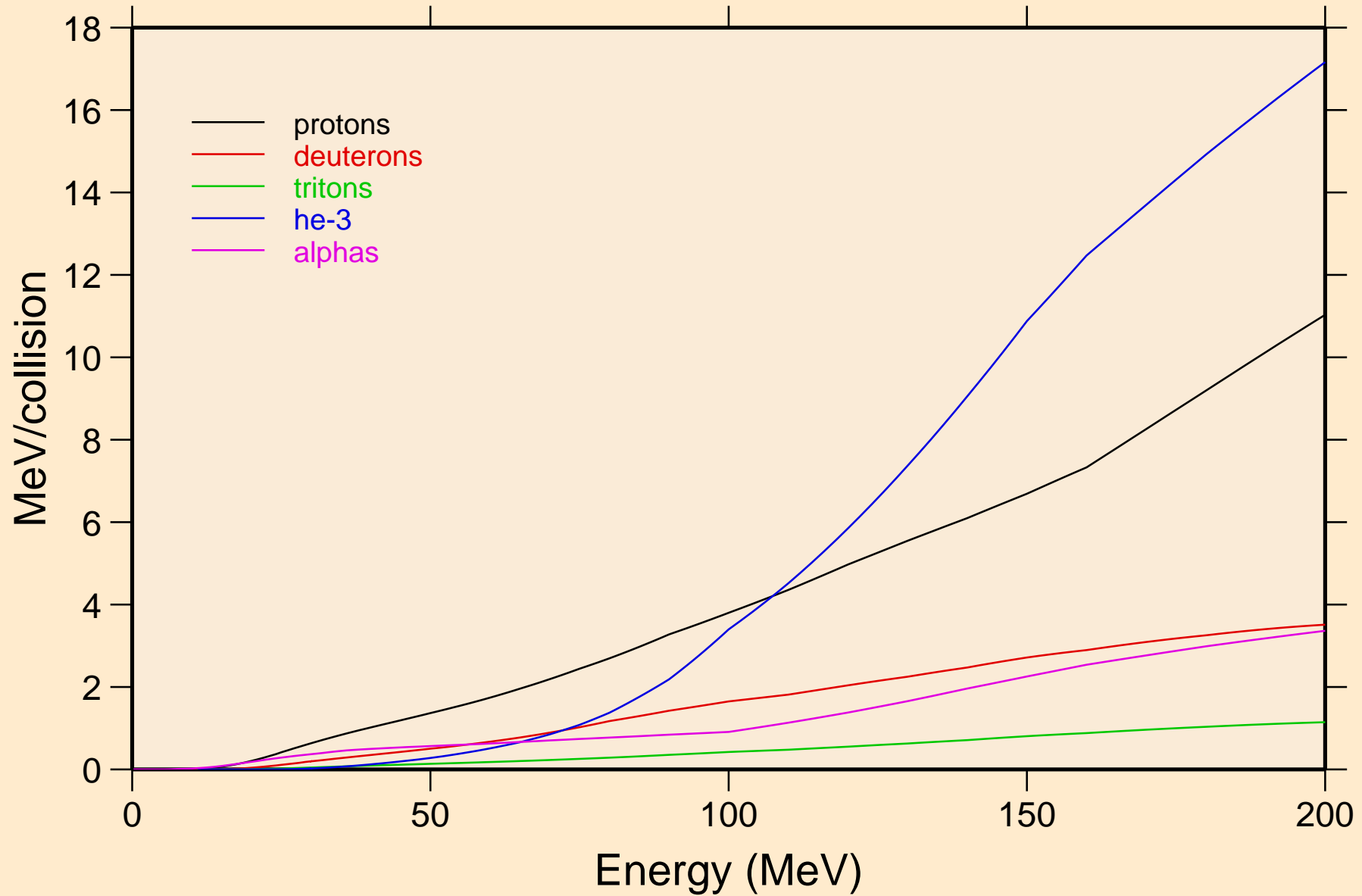


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



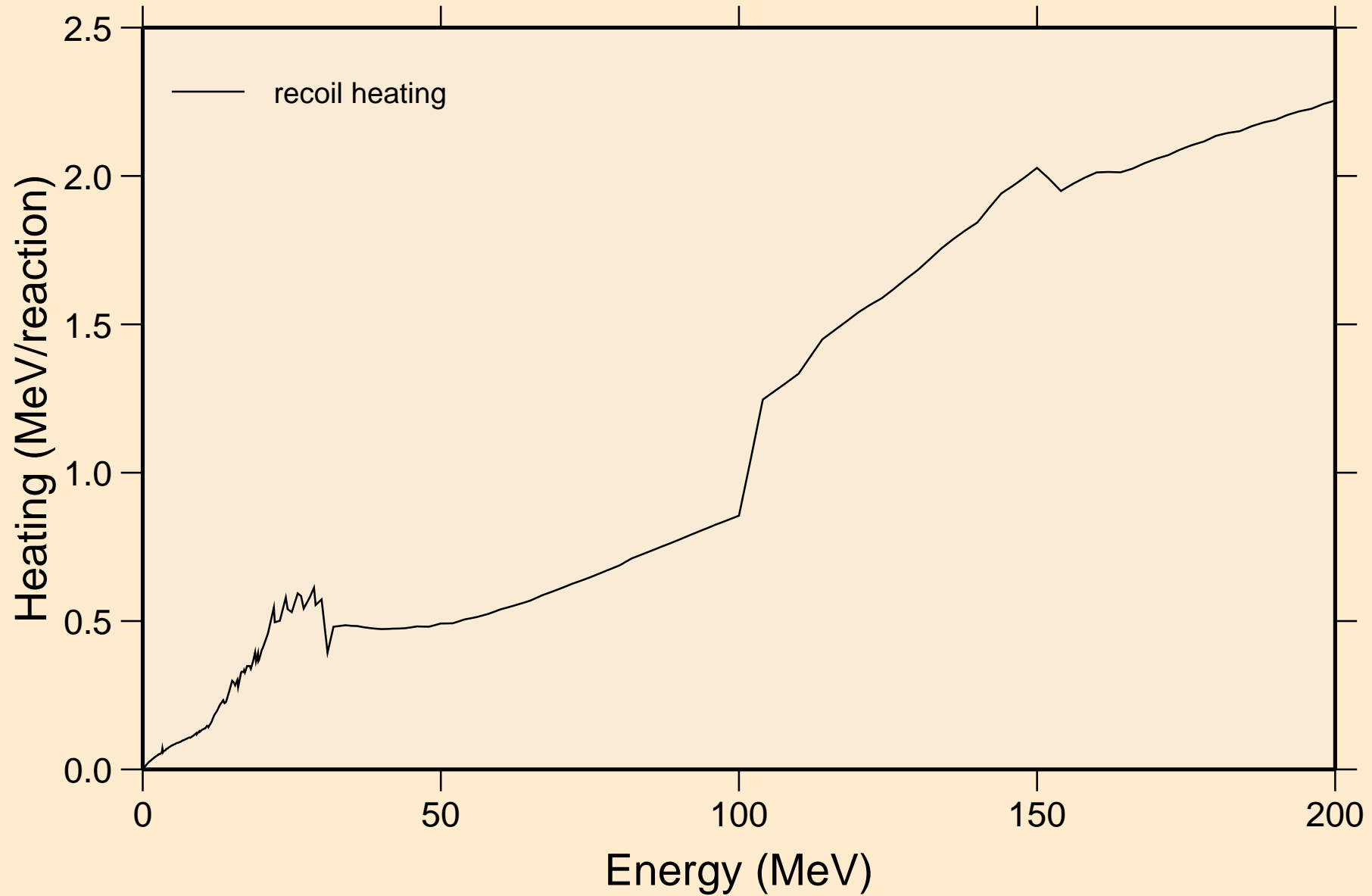
# ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



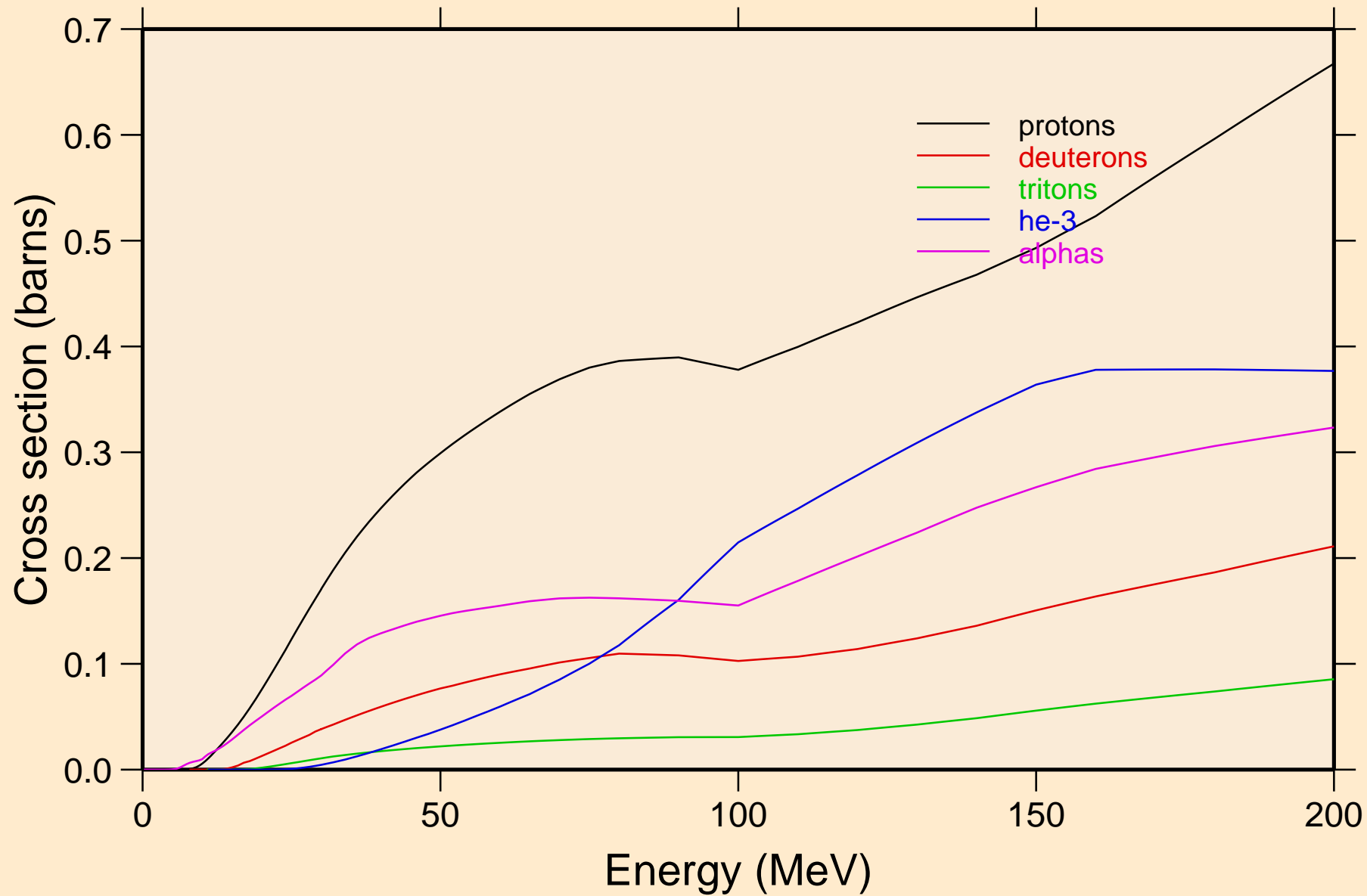


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

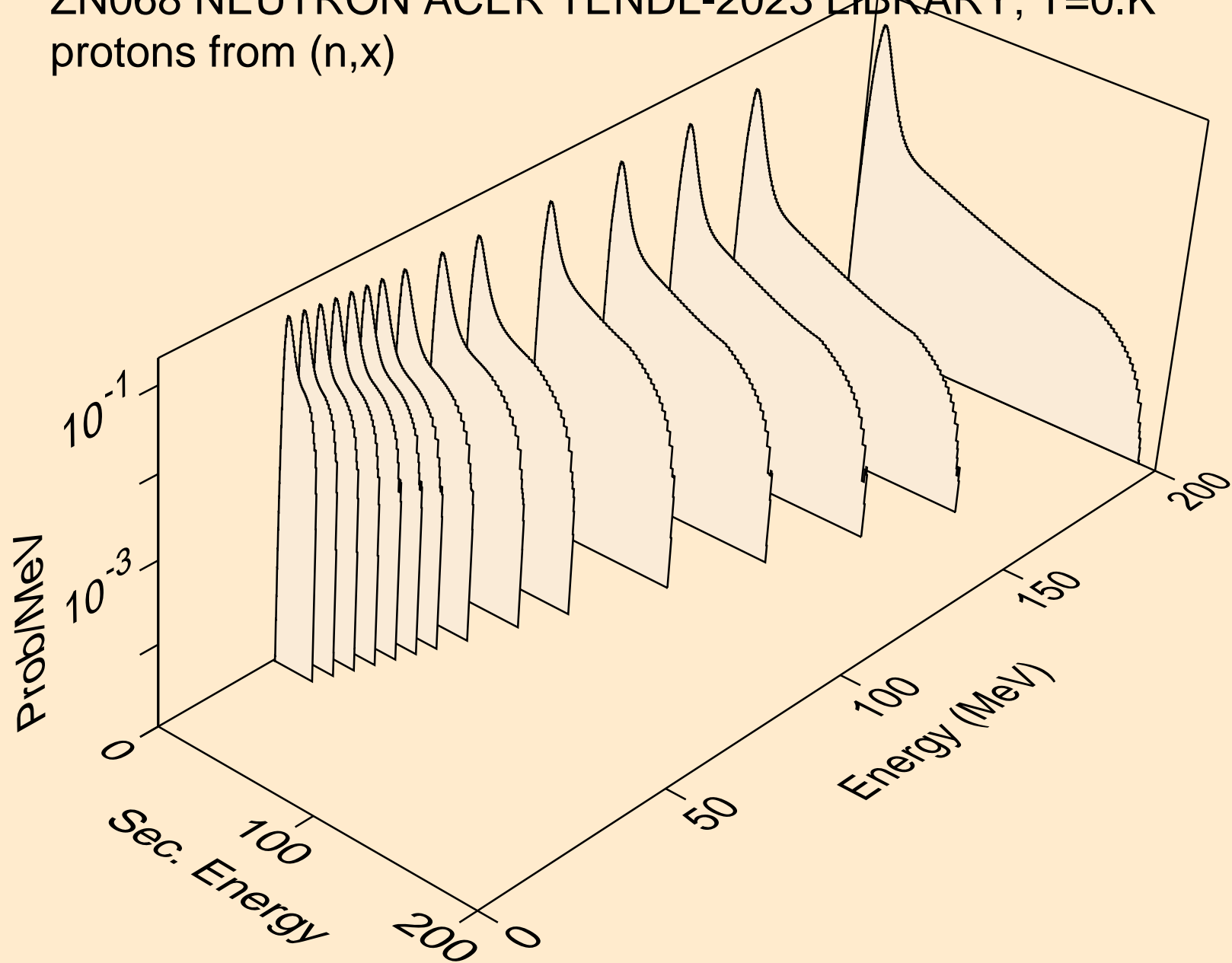


# ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

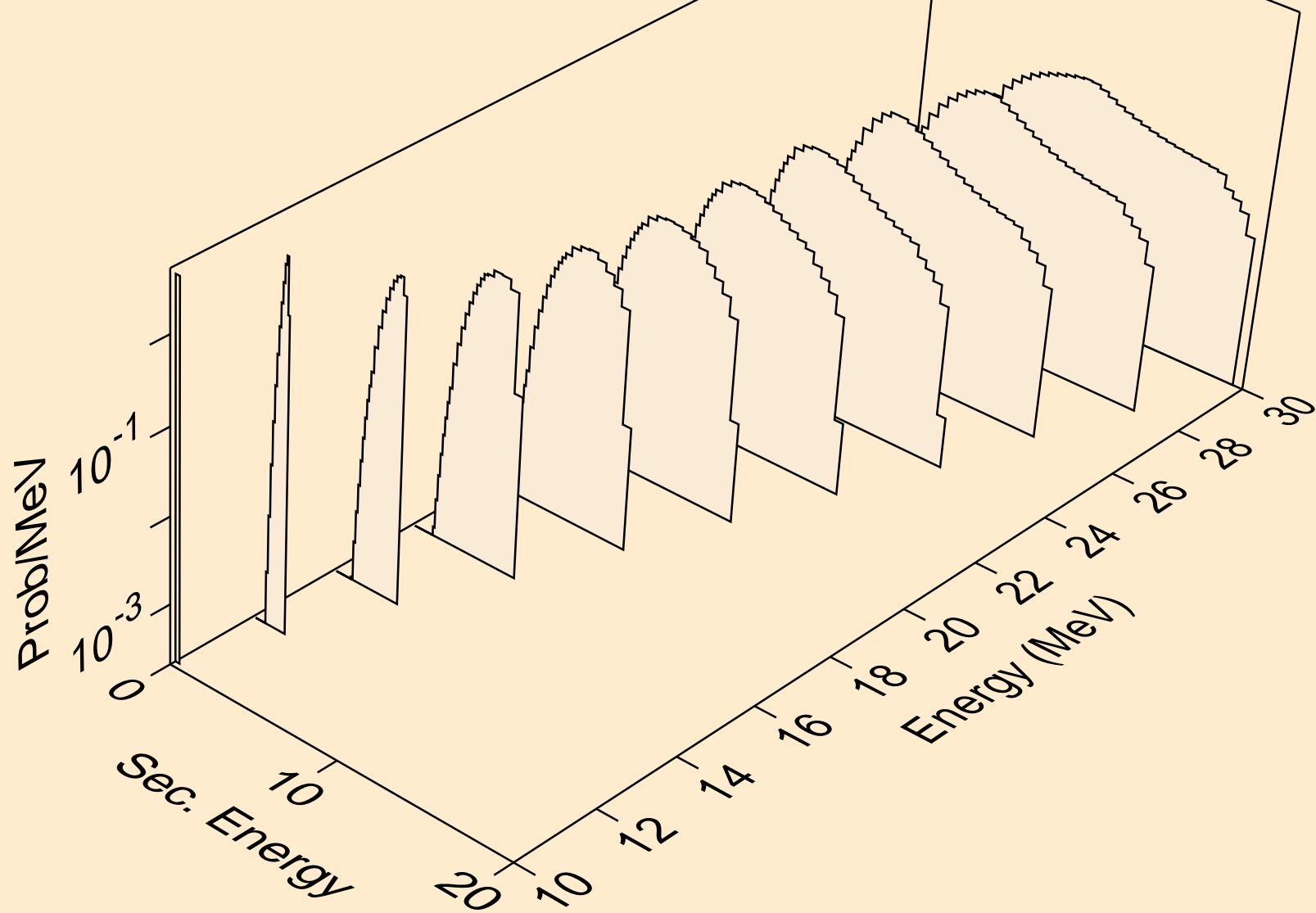
## Particle production cross sections



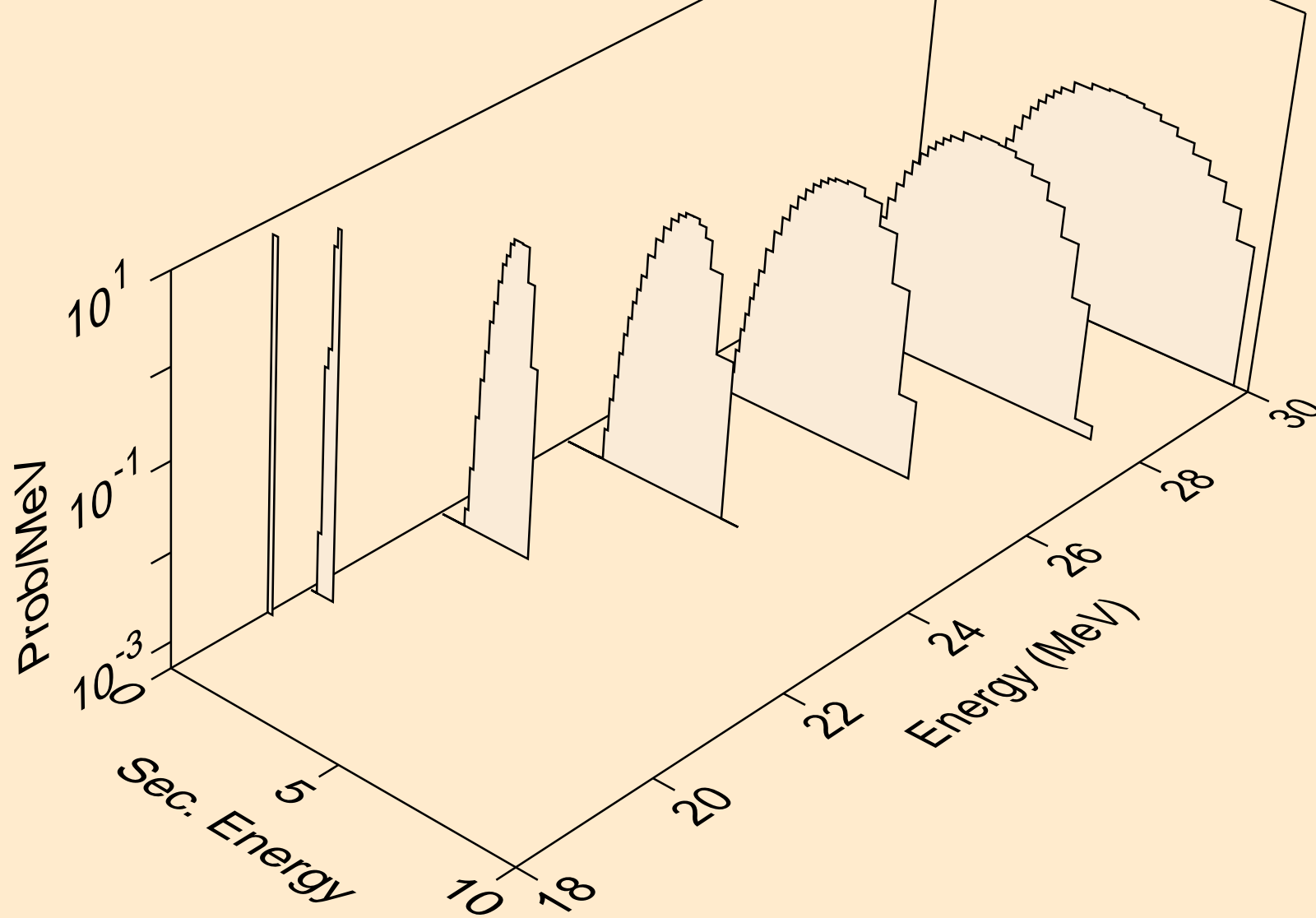
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



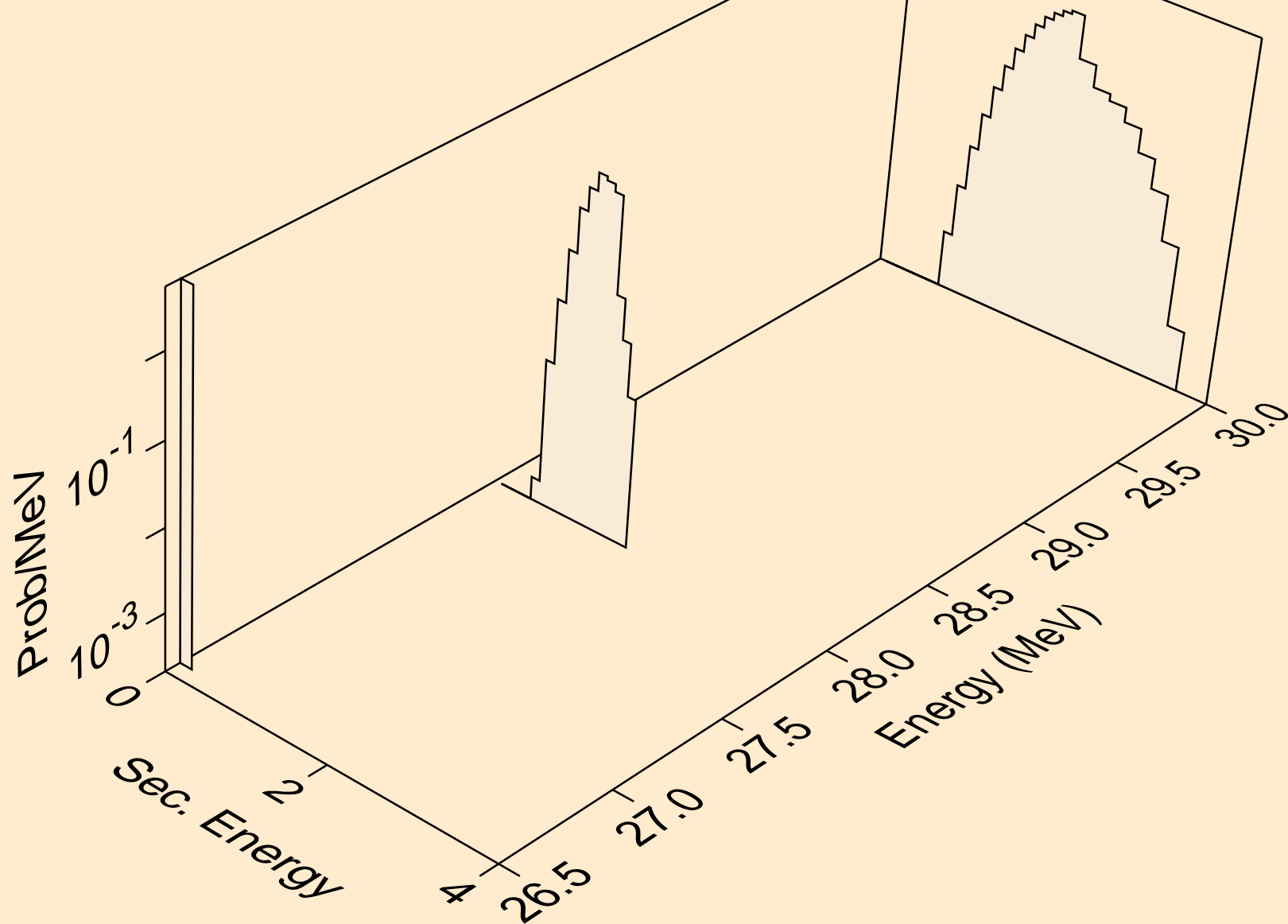
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protons from (n,n\*)p



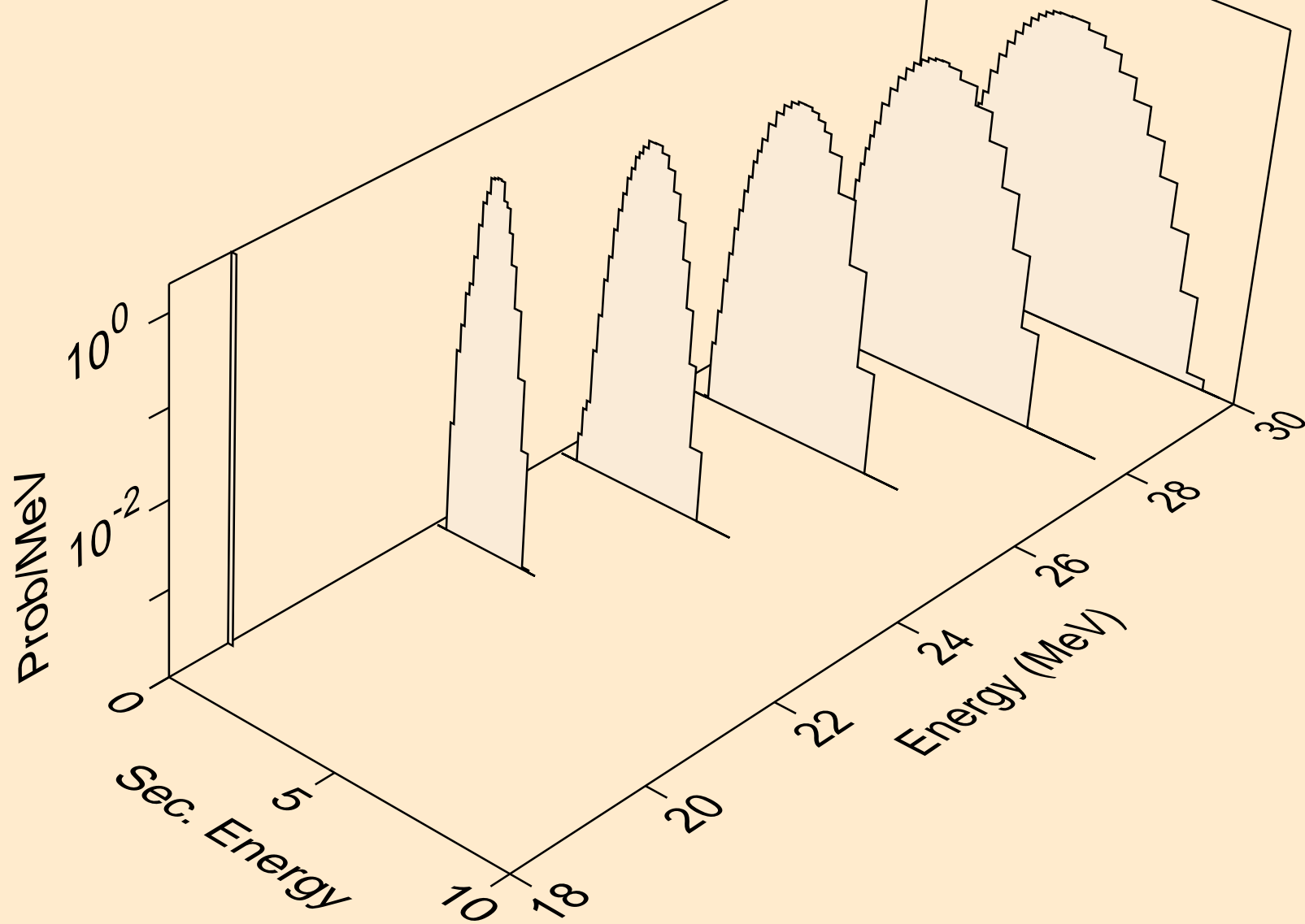
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protons from (n,2np)



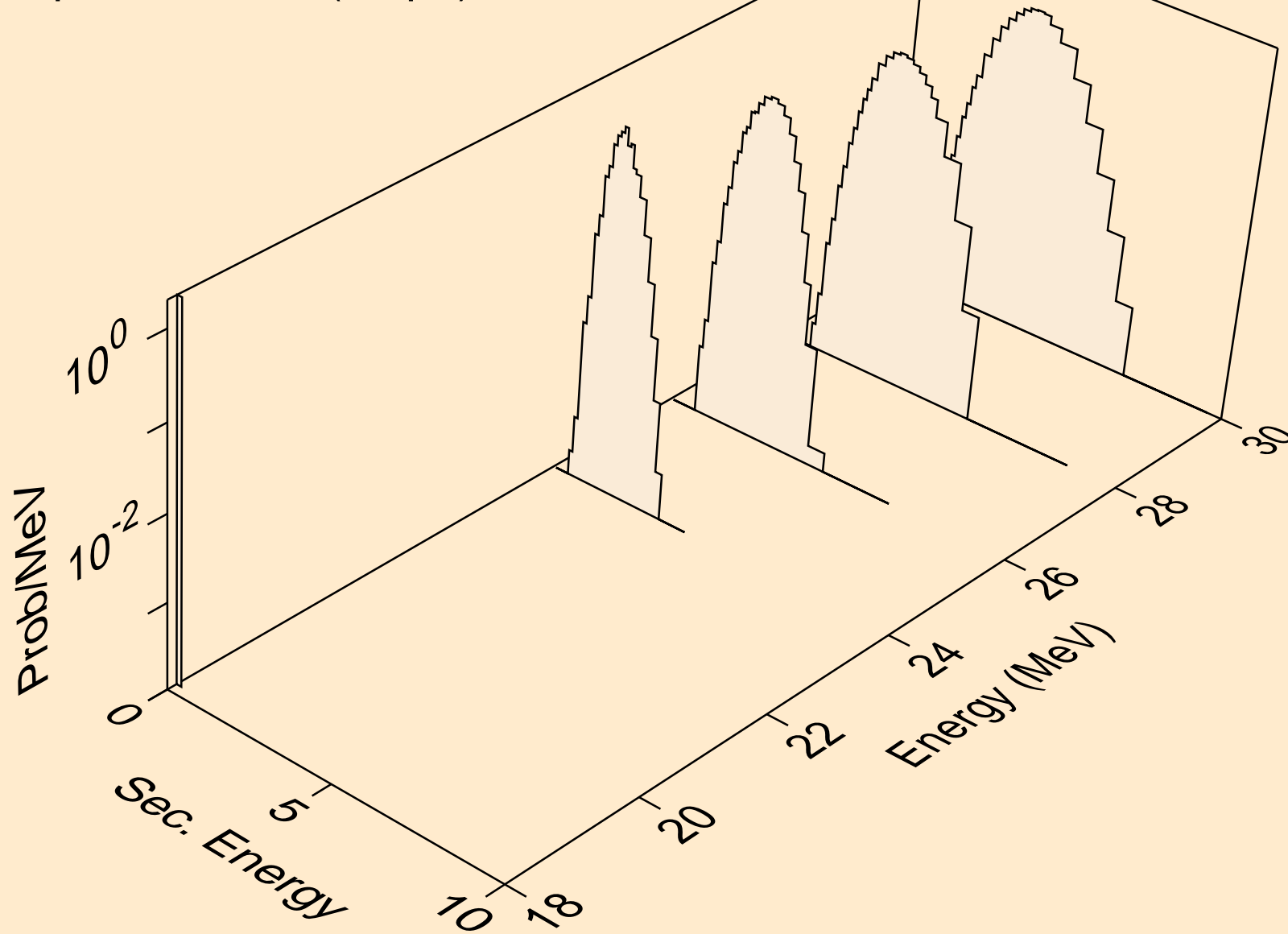
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

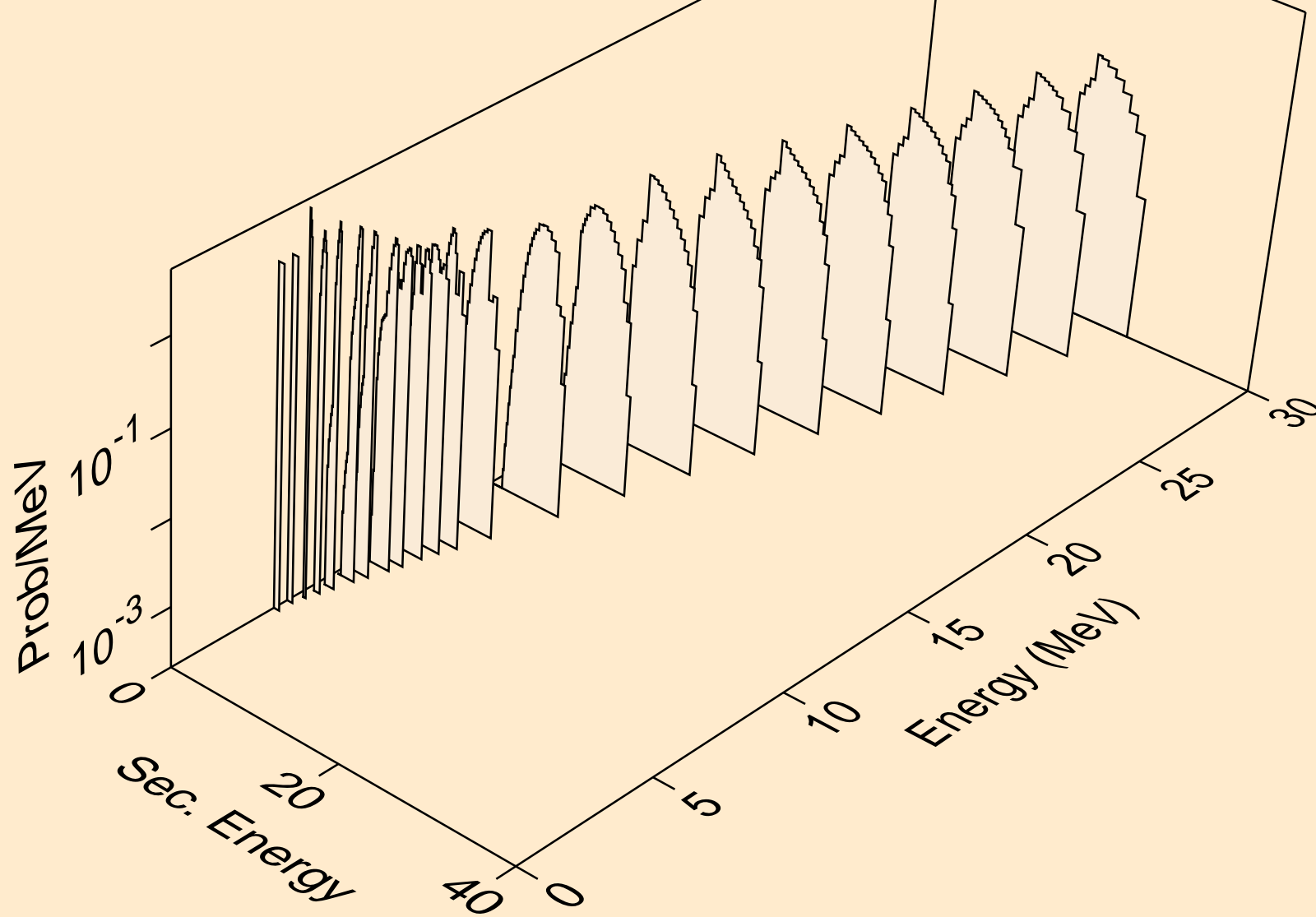


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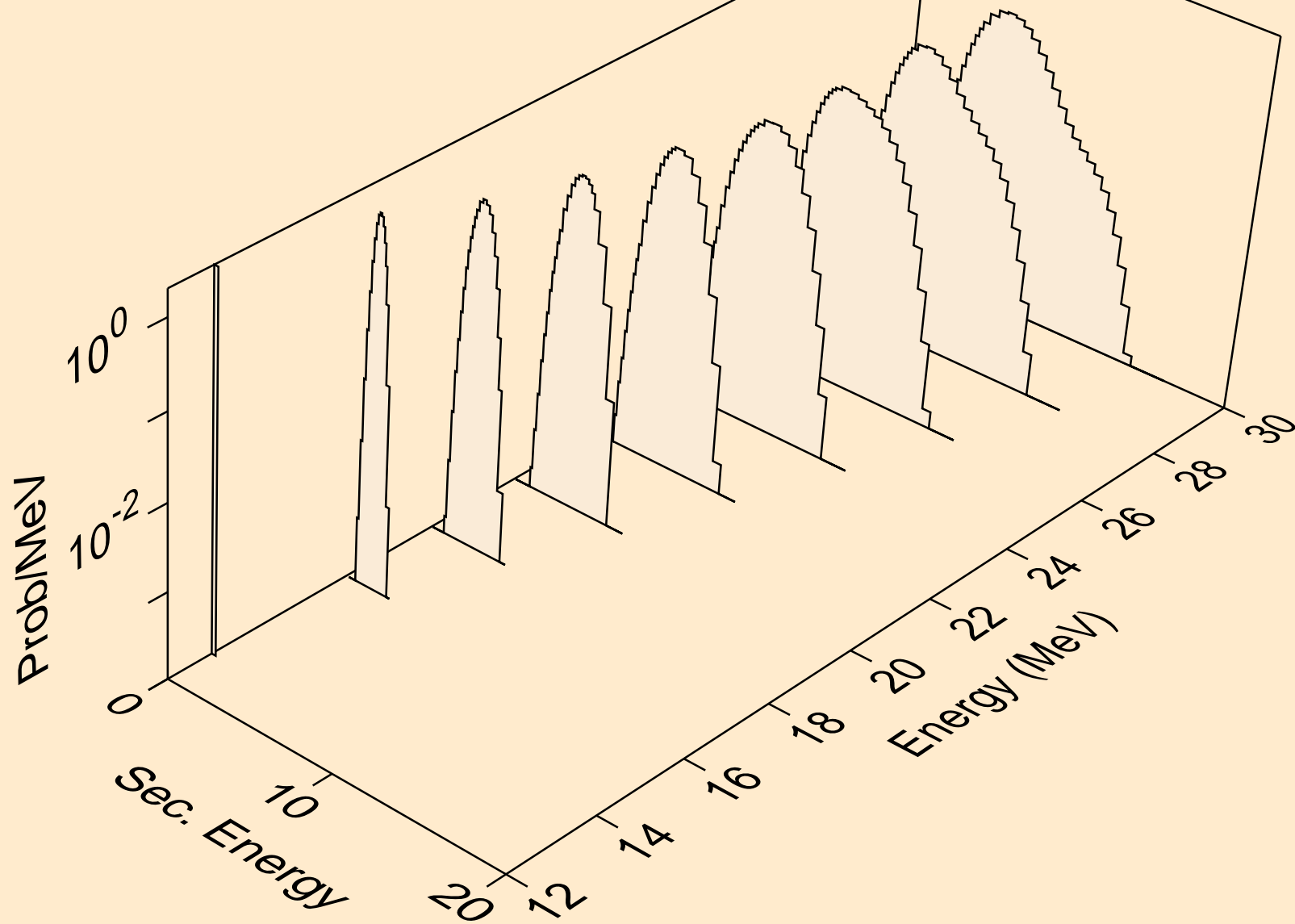




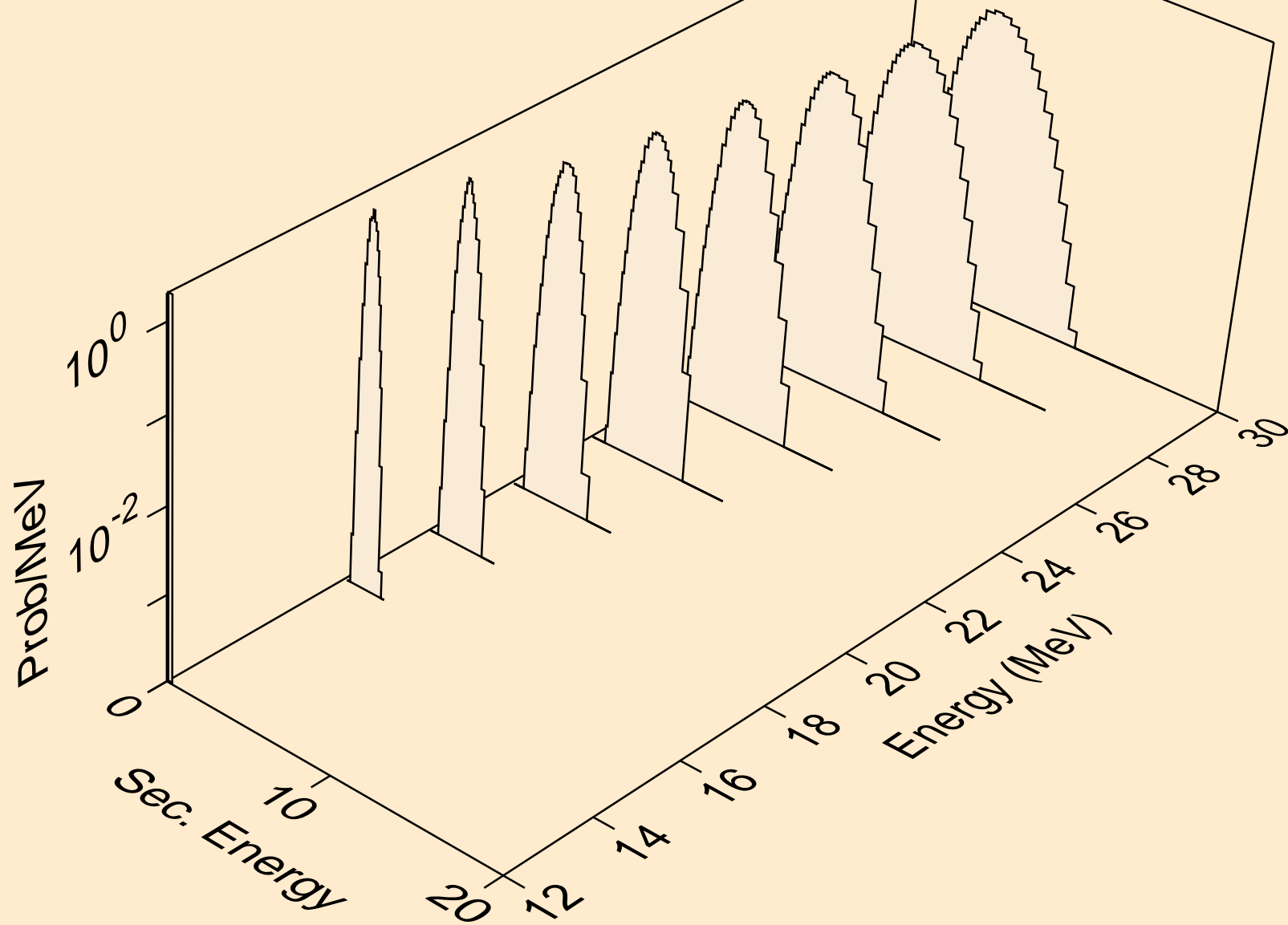
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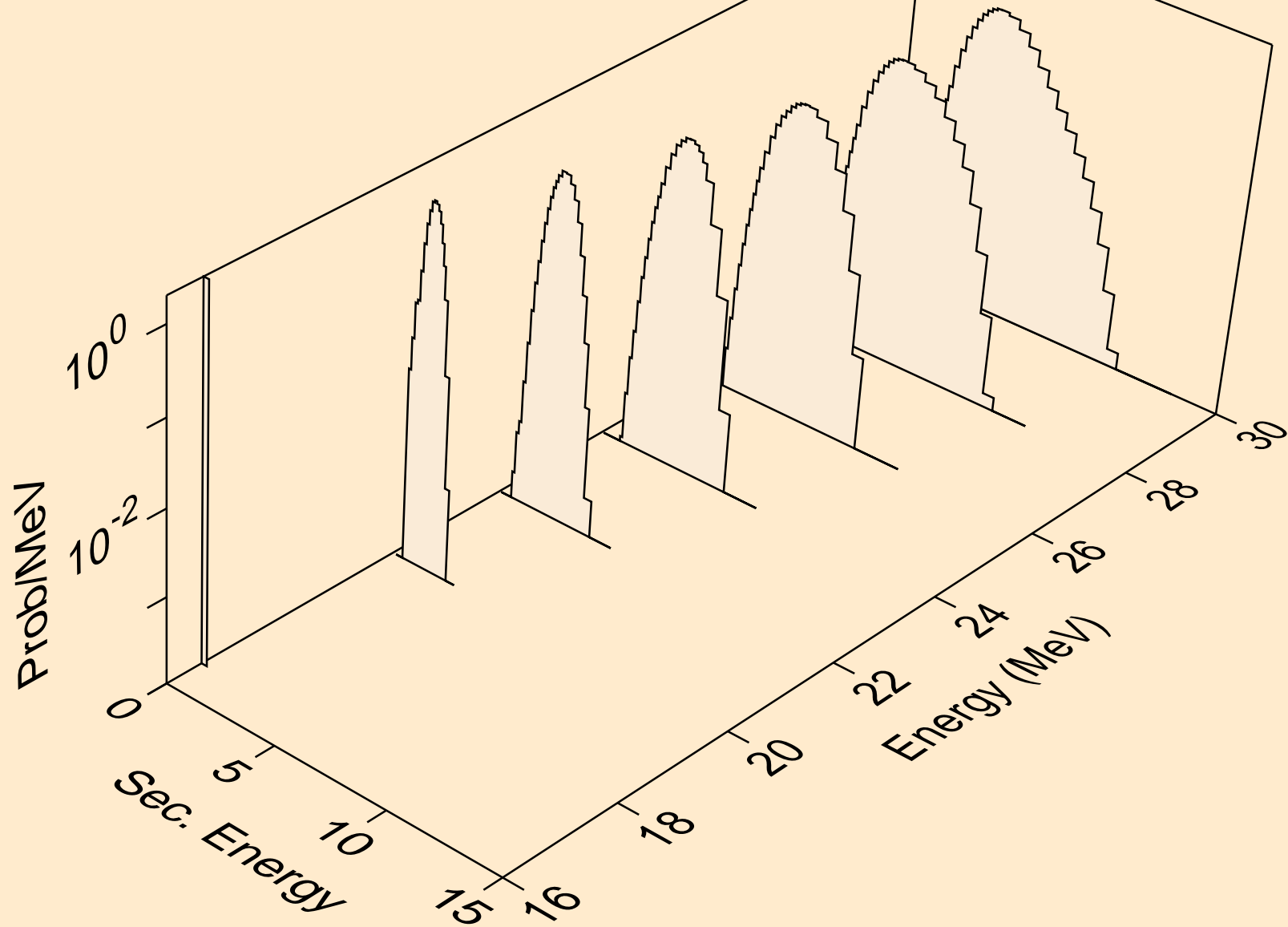
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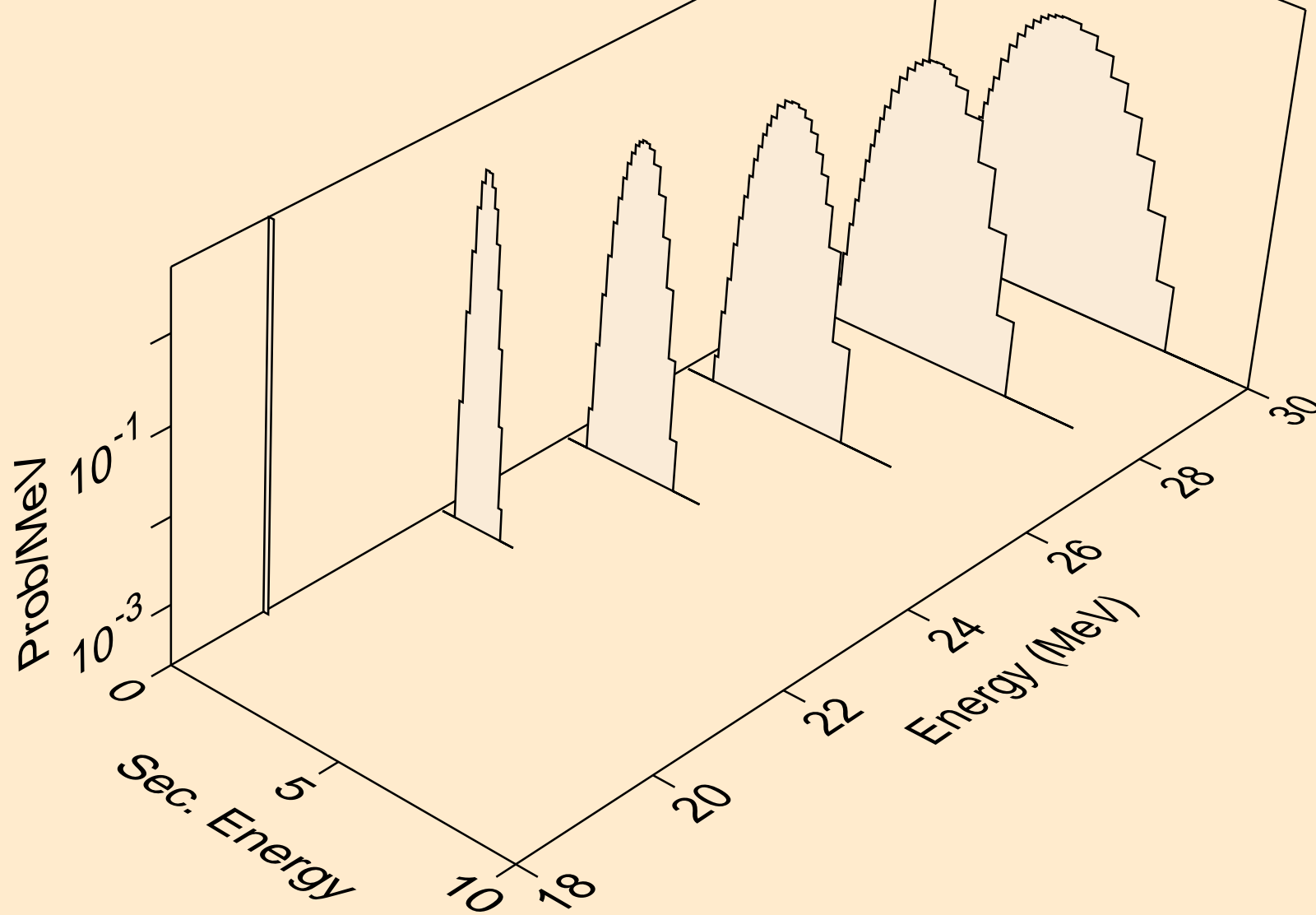
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protons from (n,p)



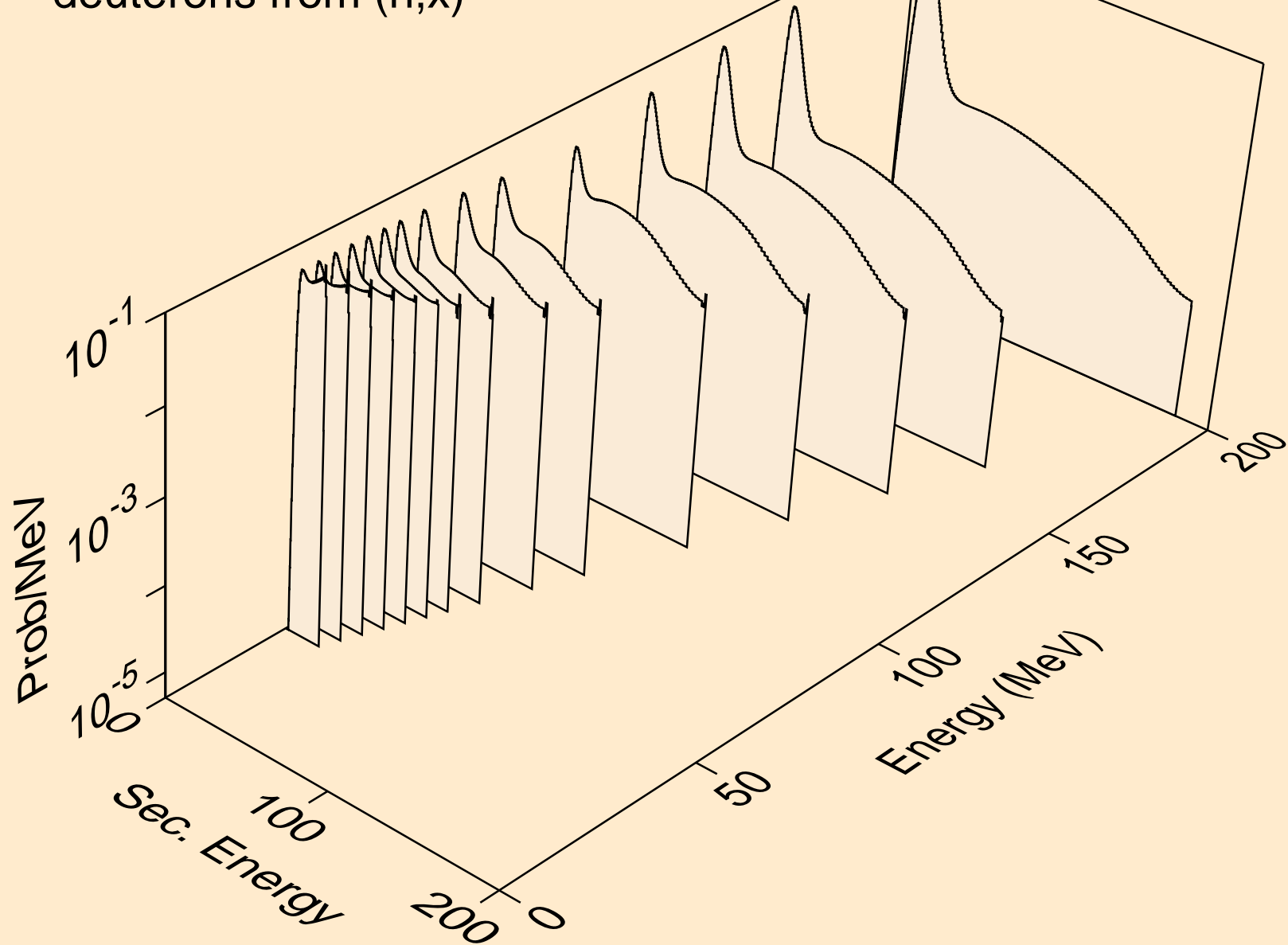
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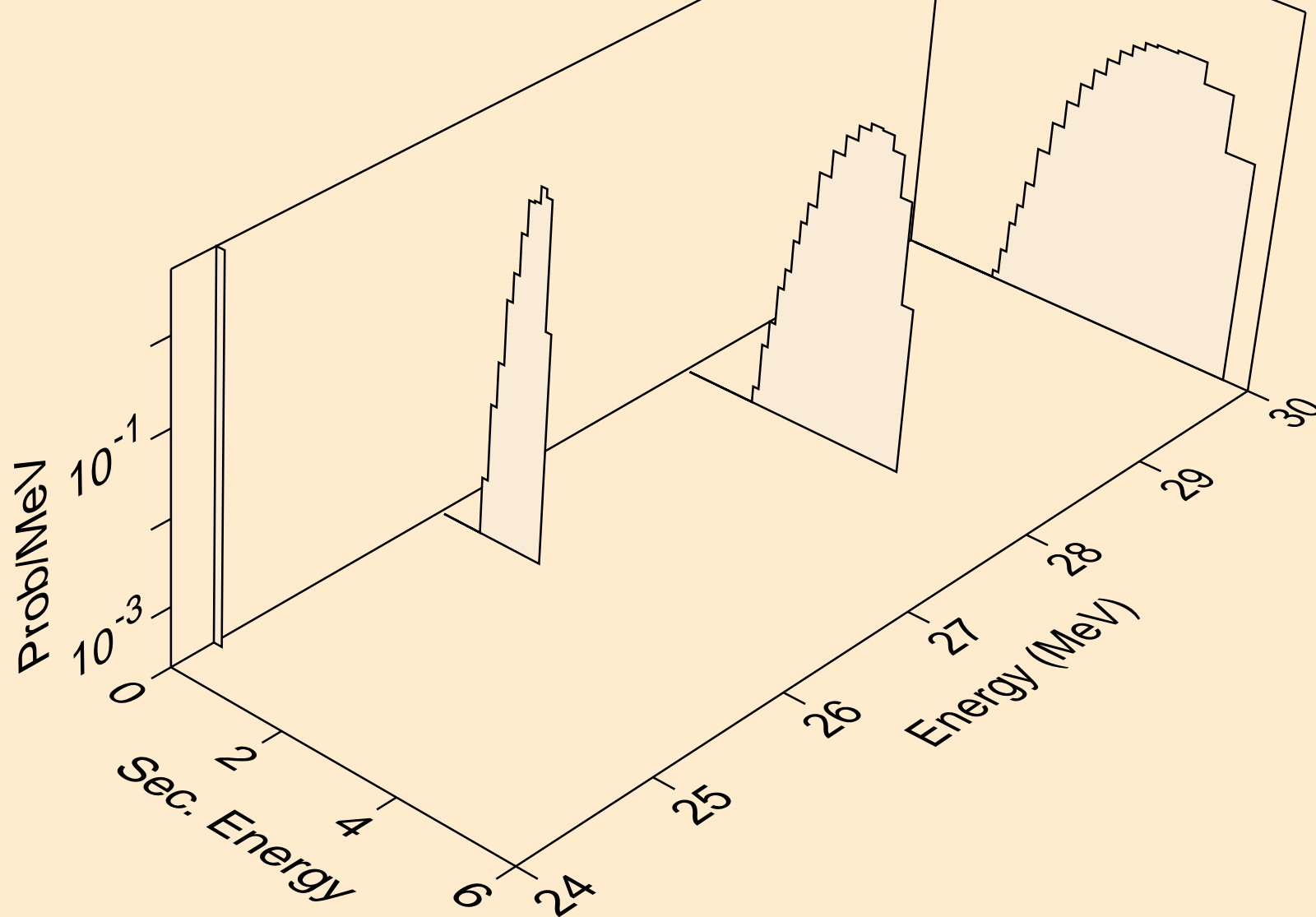
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protons from (n,pt)



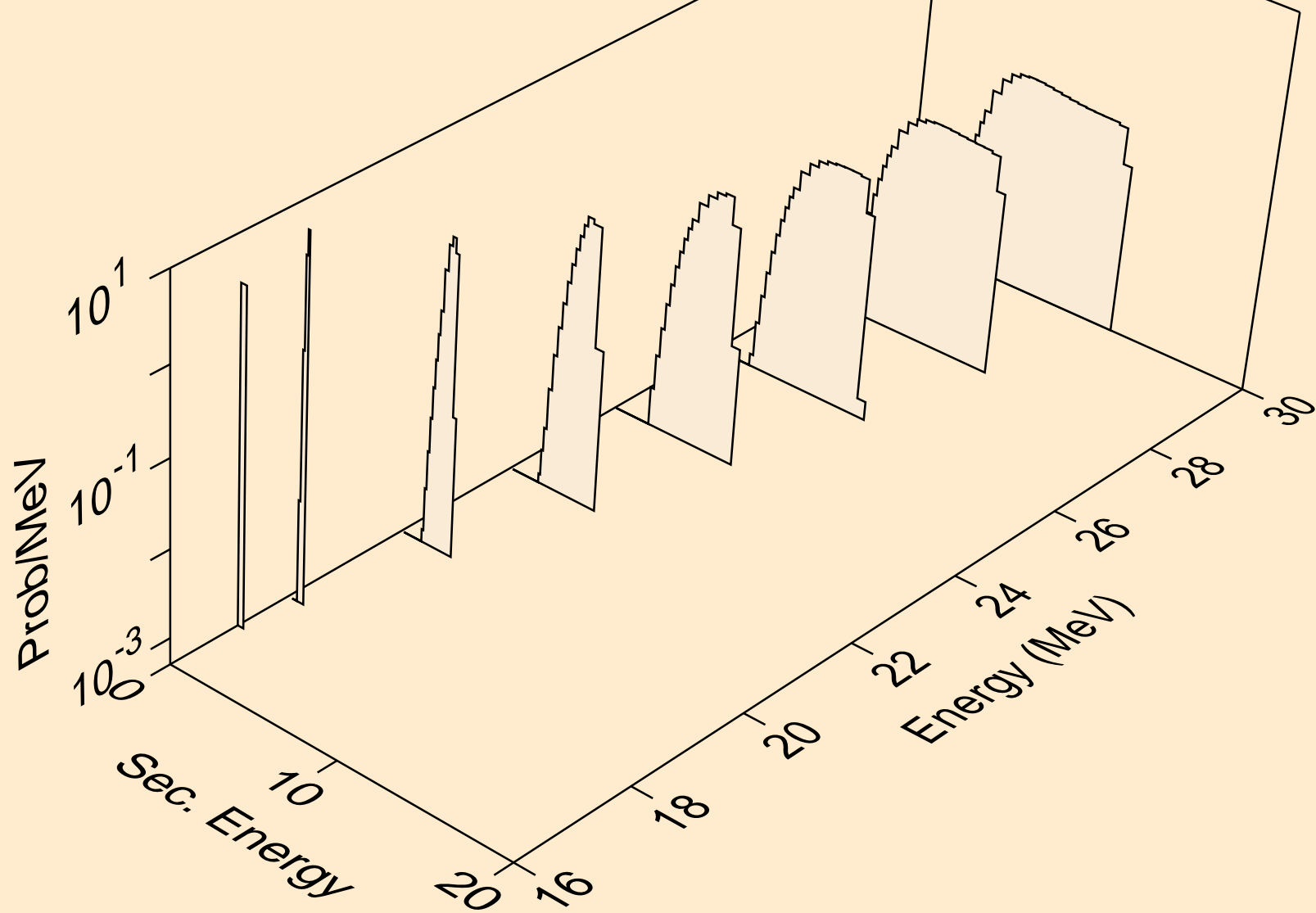
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

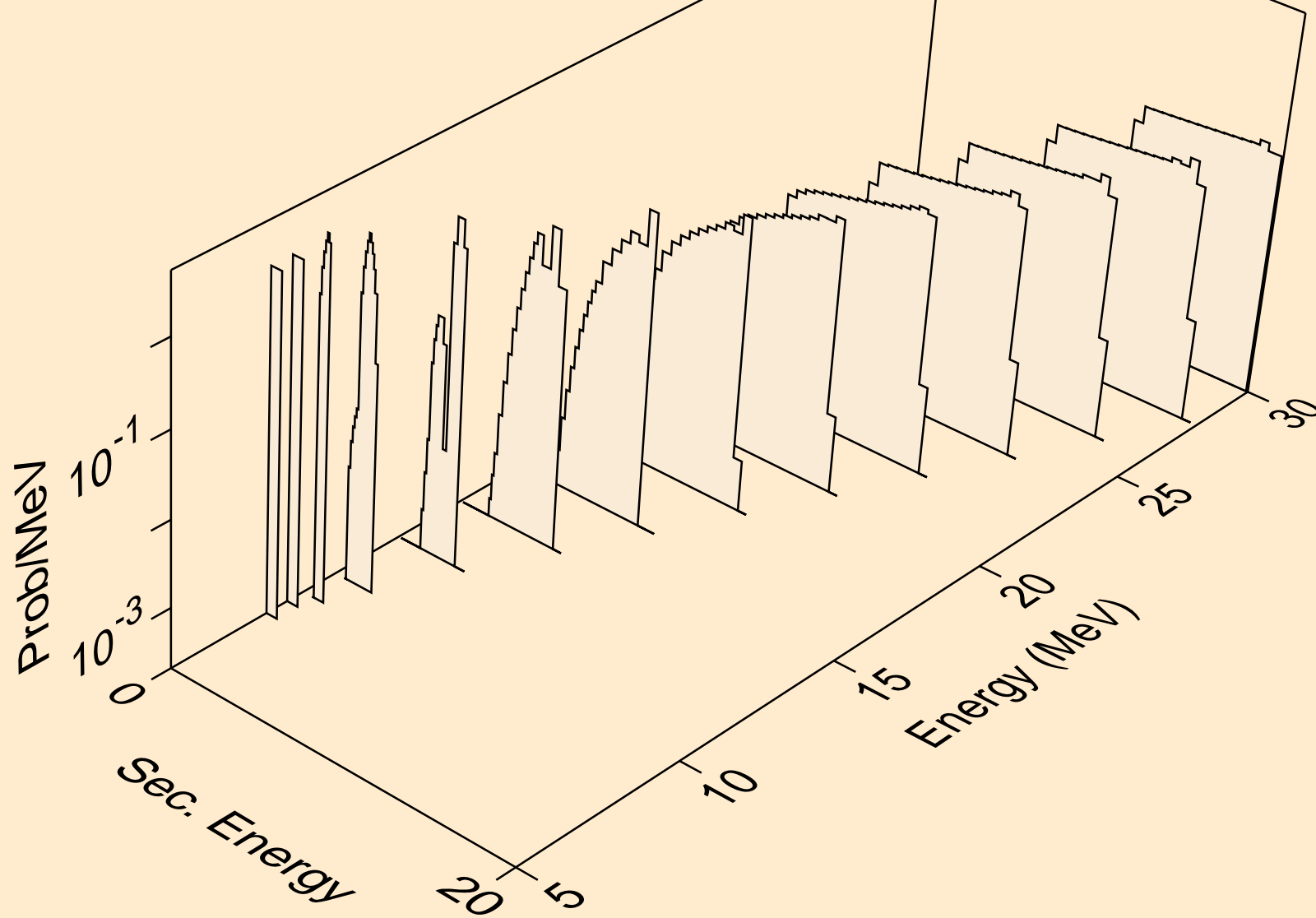


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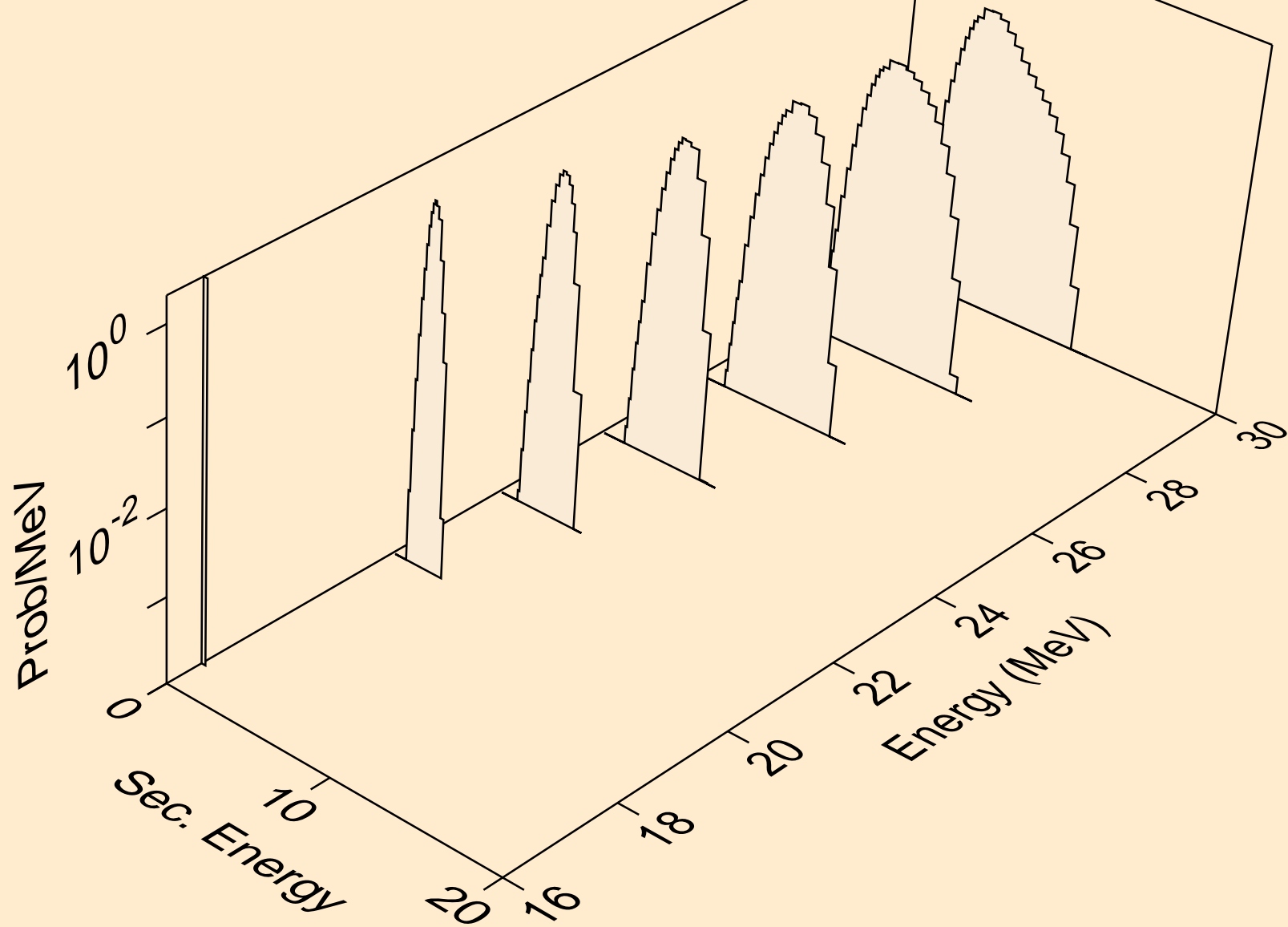




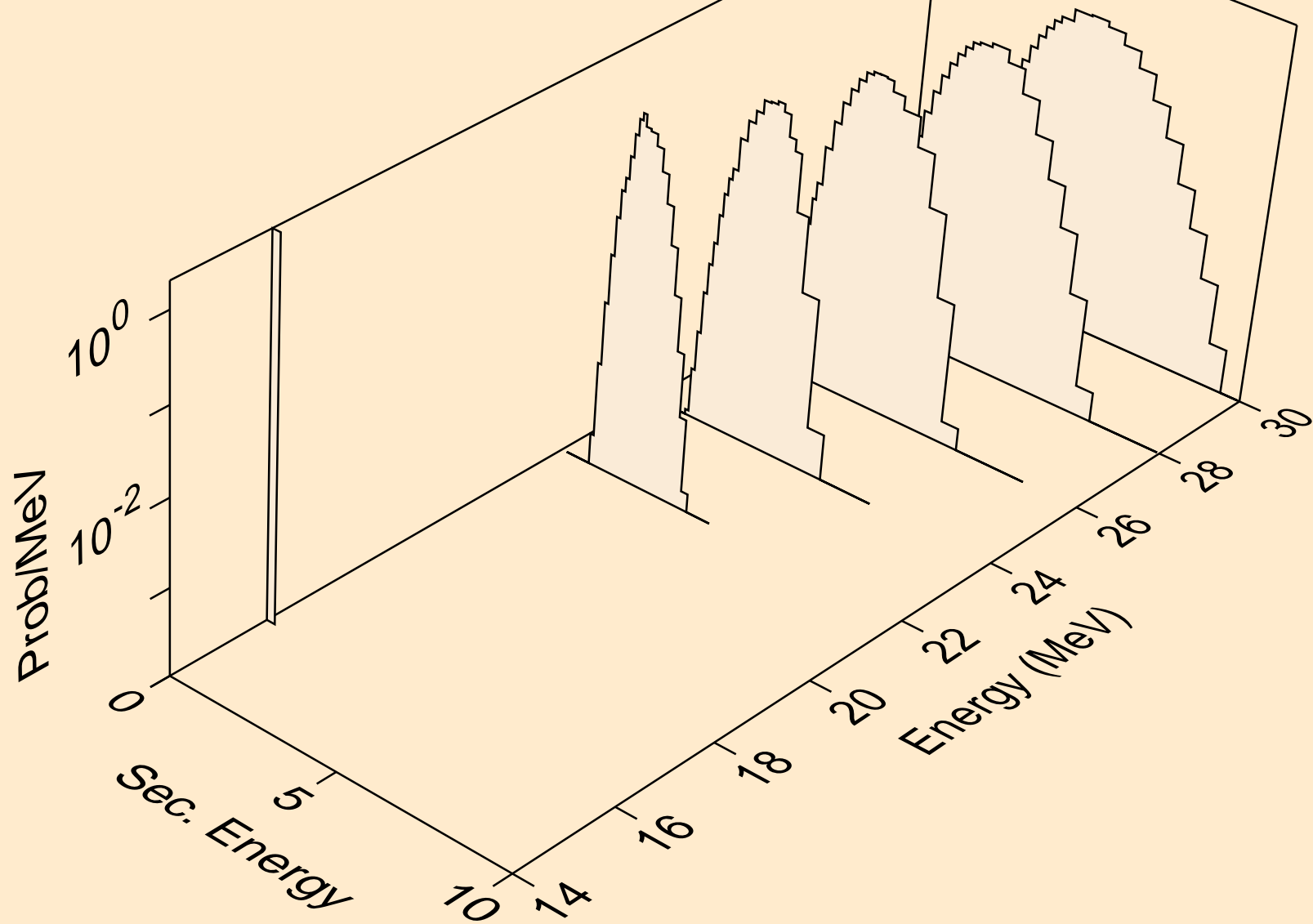
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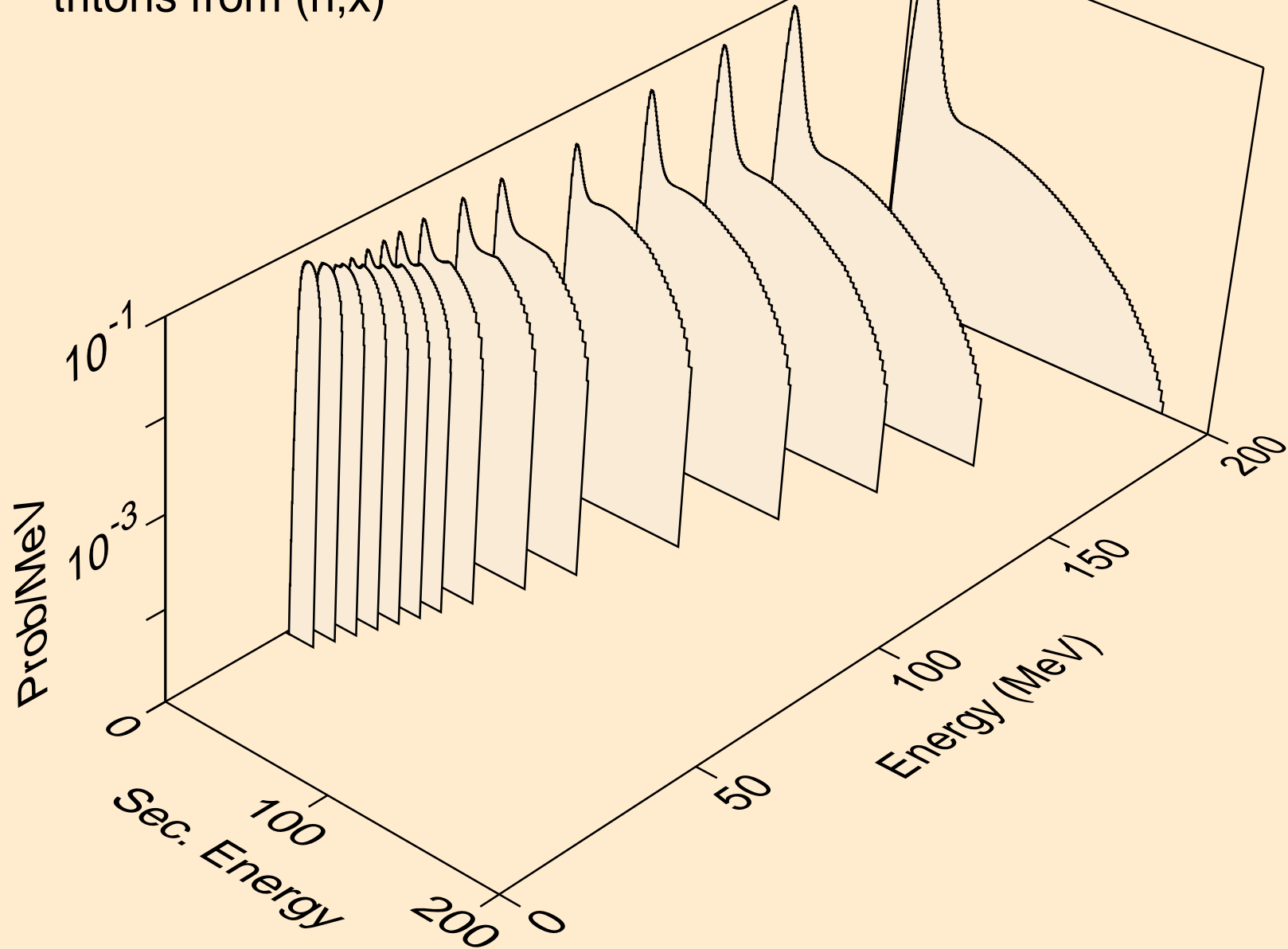
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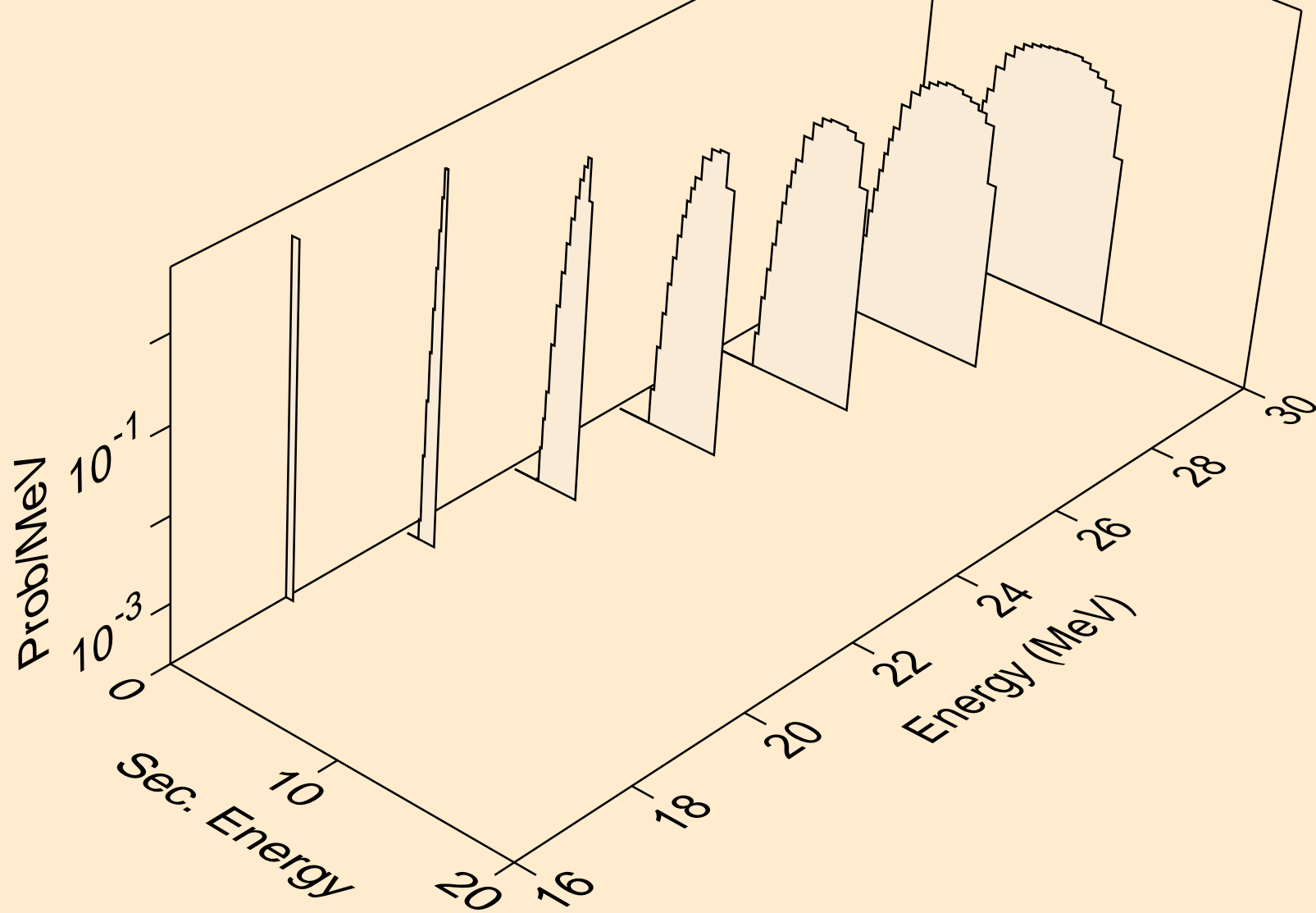
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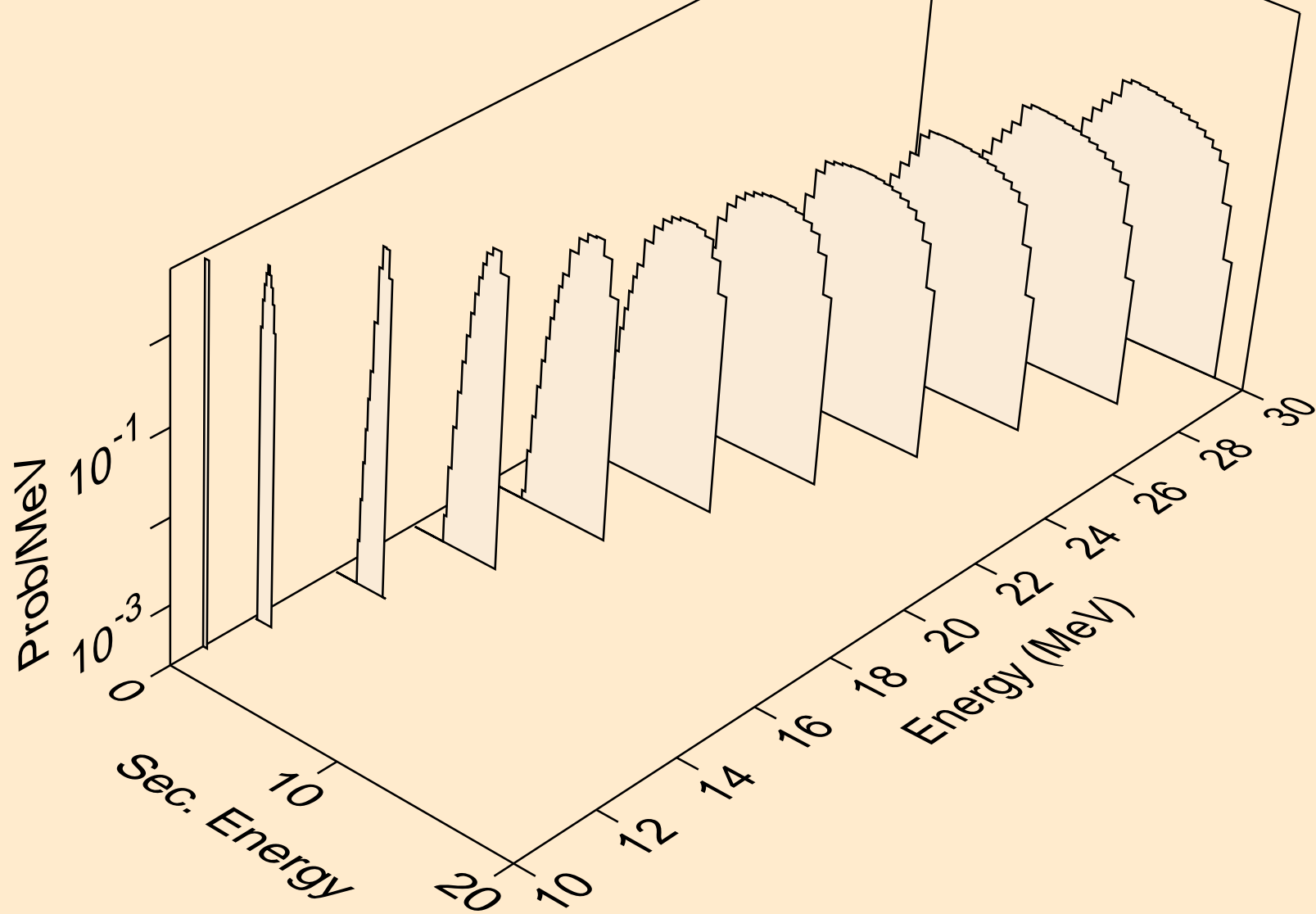
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tritons from (n,x)



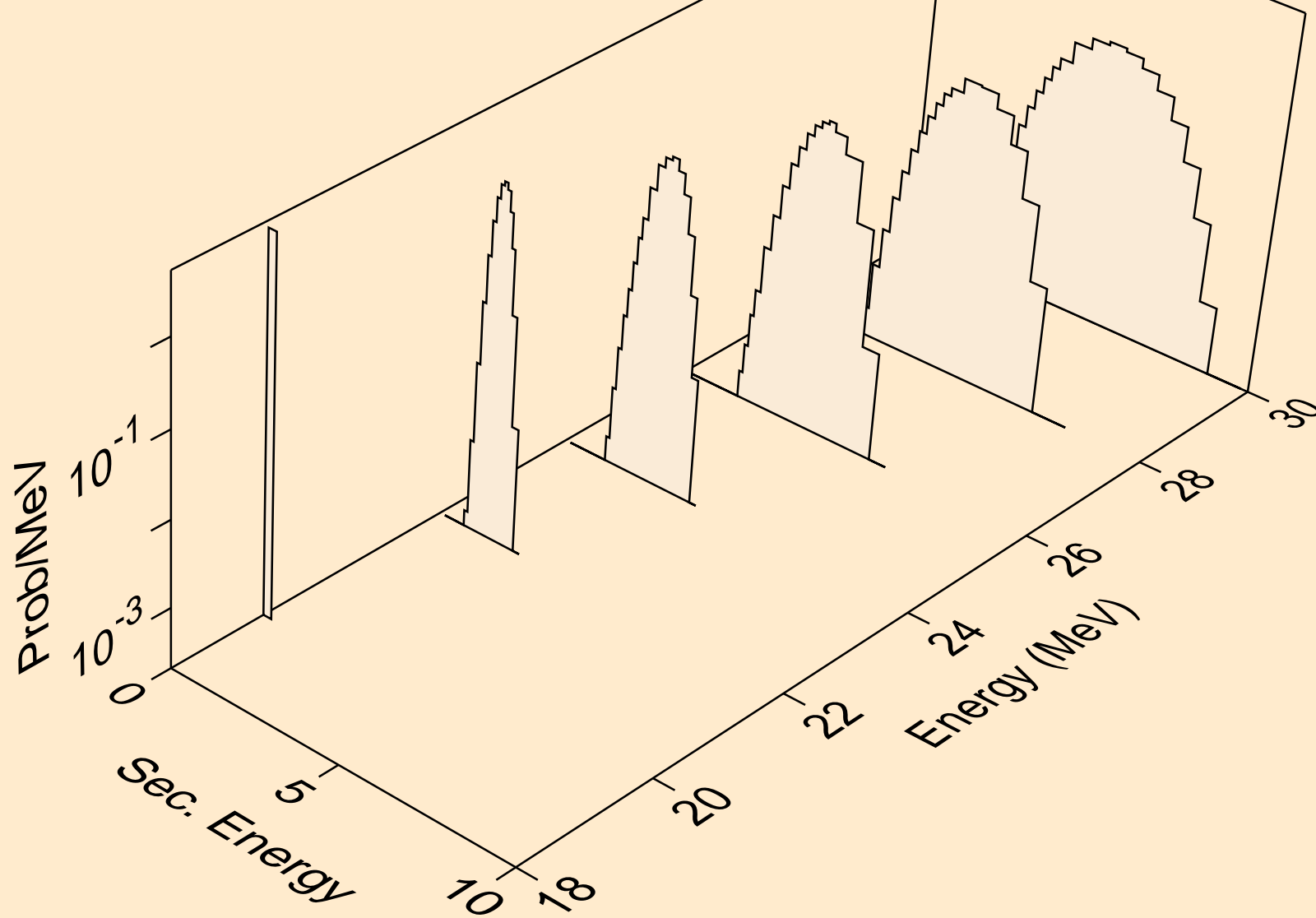
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tritons from (n,n\*)t



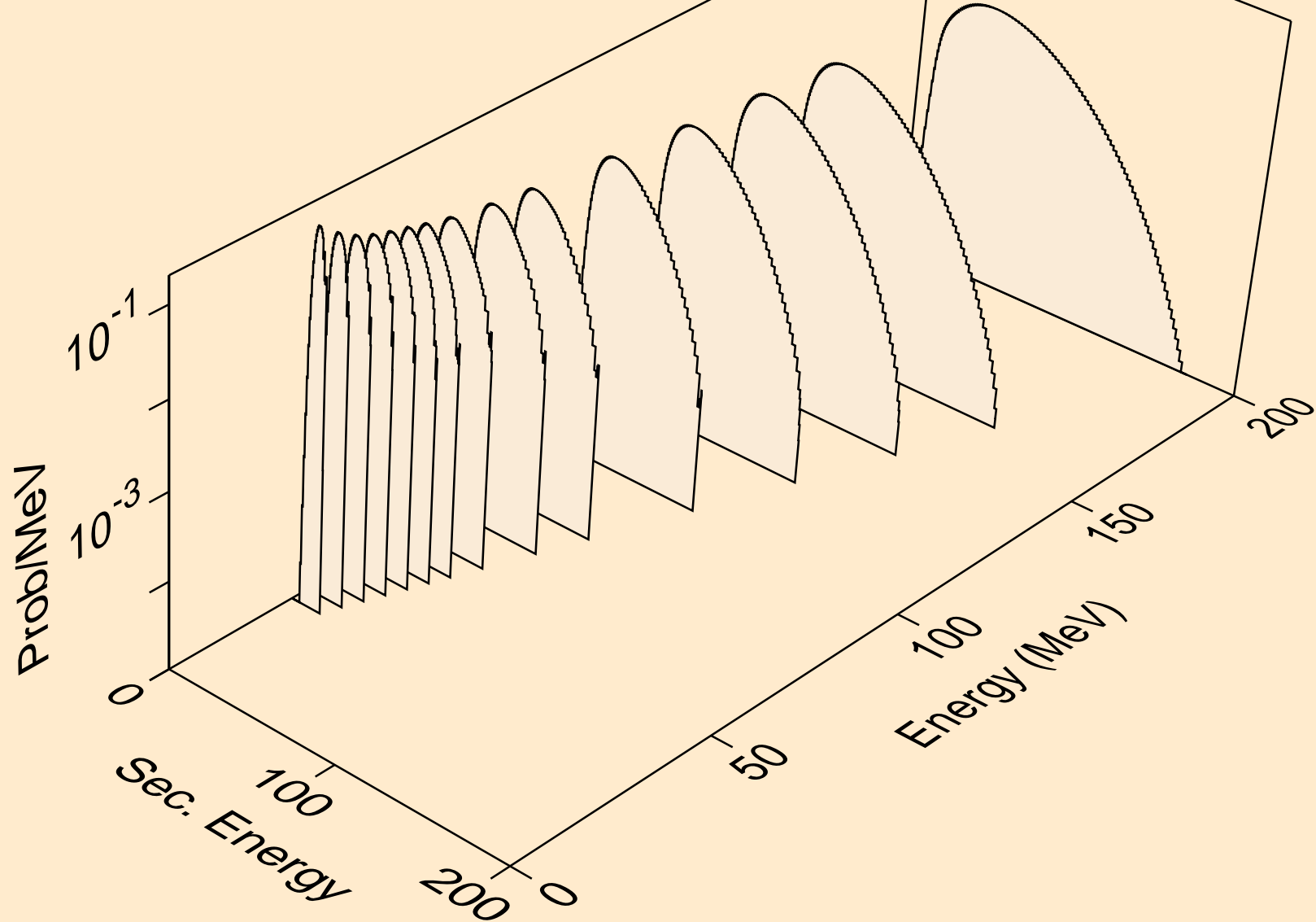
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tritons from (n,t)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

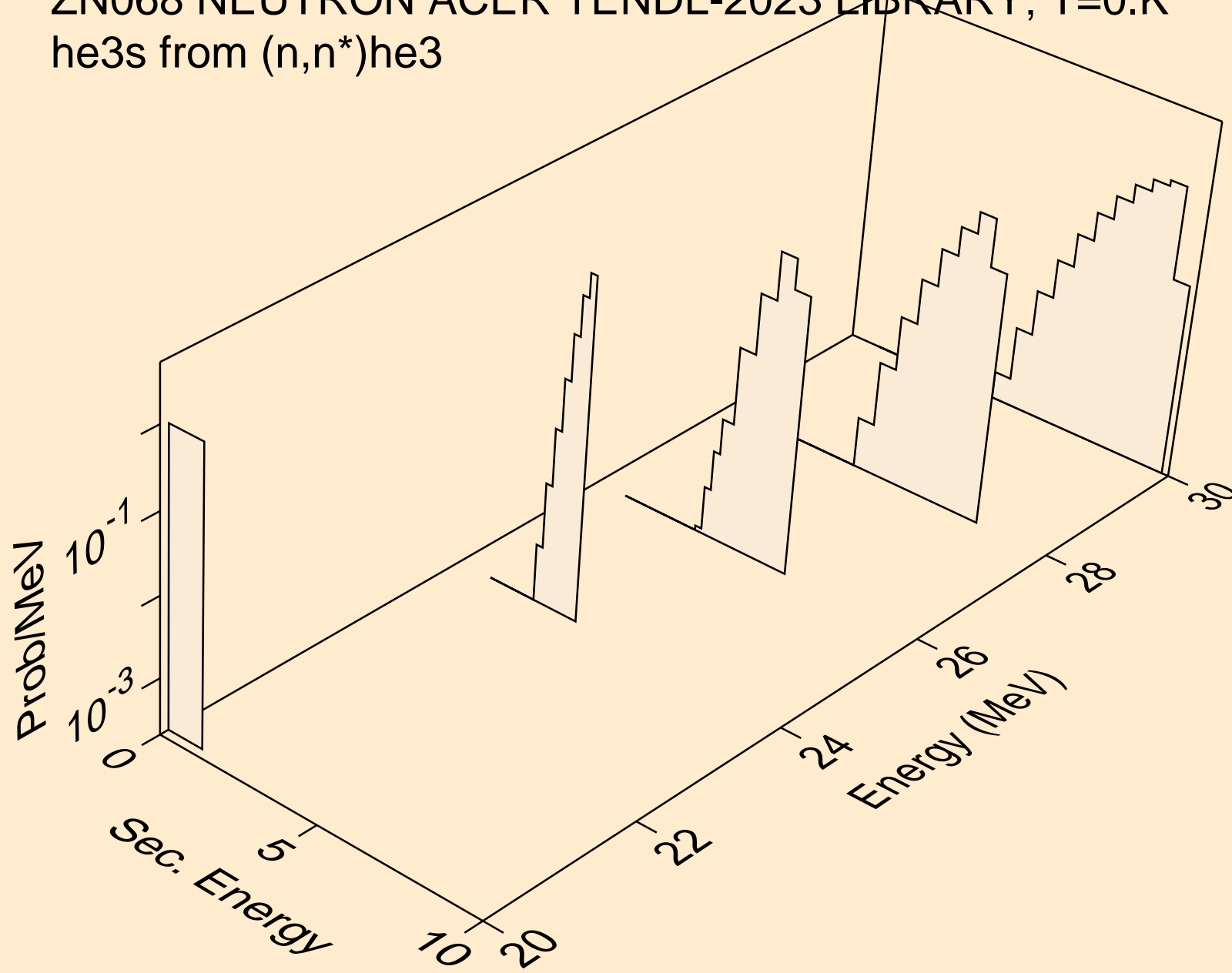


ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

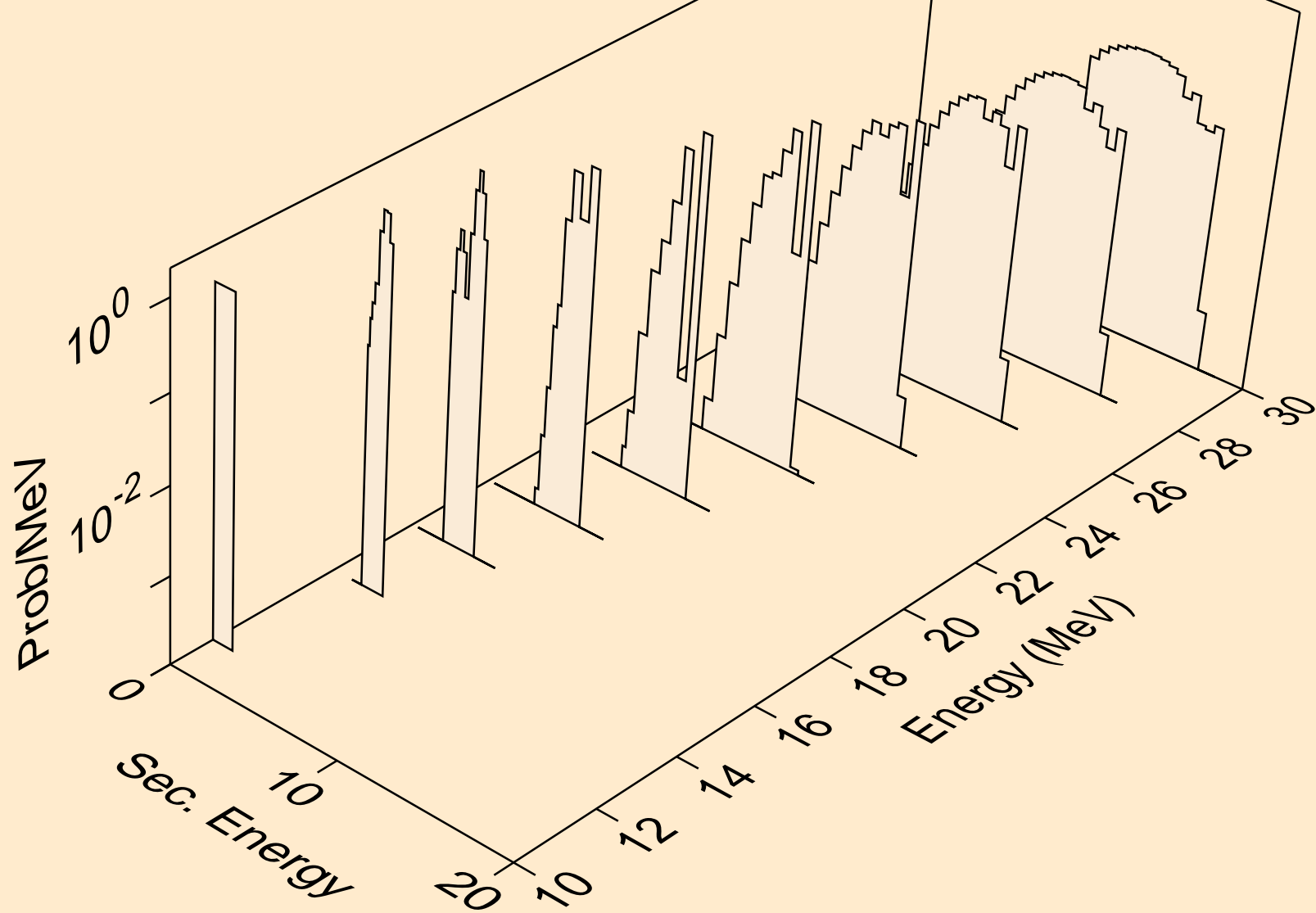




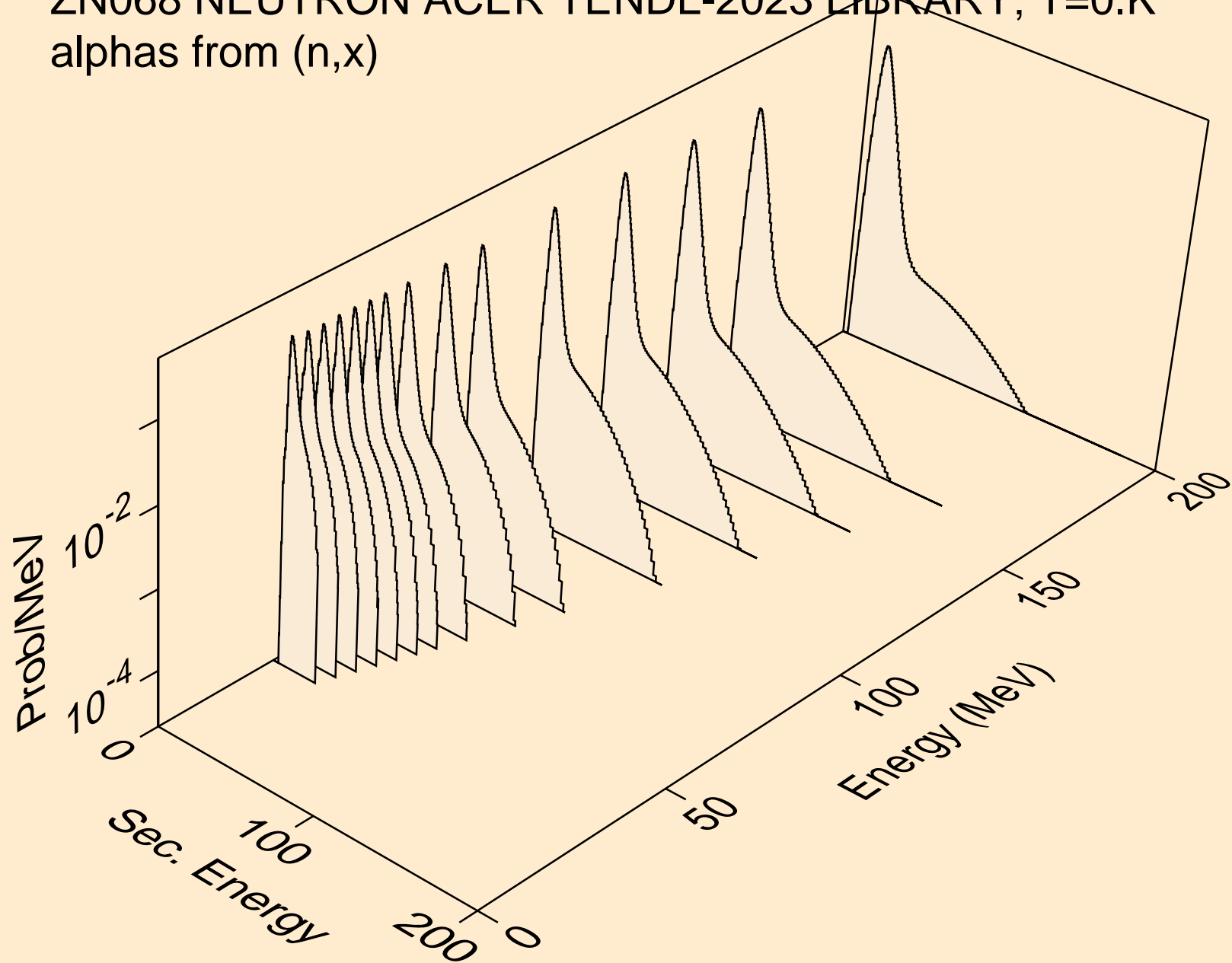
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he3s from (n,n\*)he3



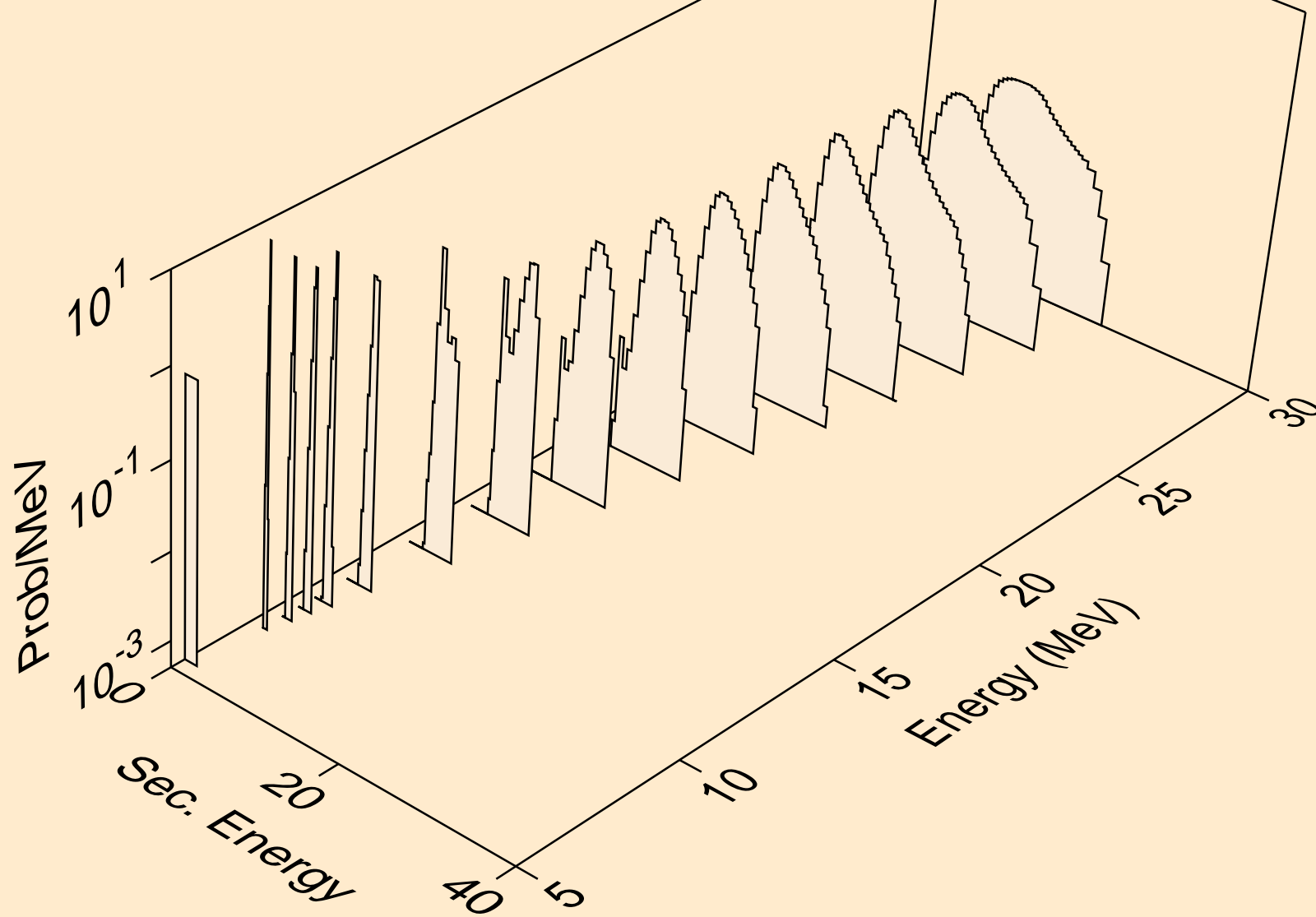
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he3s from (n,he3)



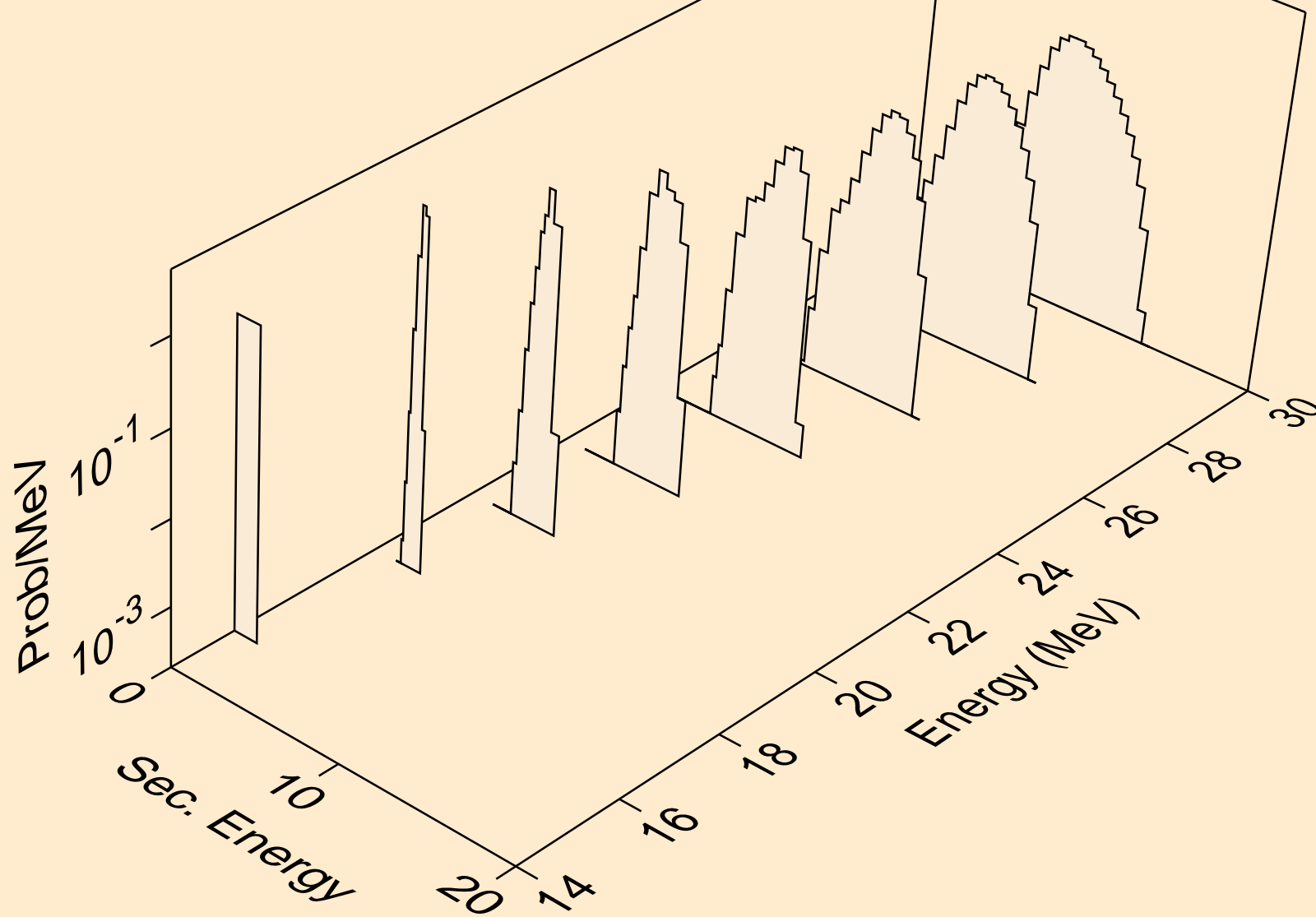
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alphas from (n,x)



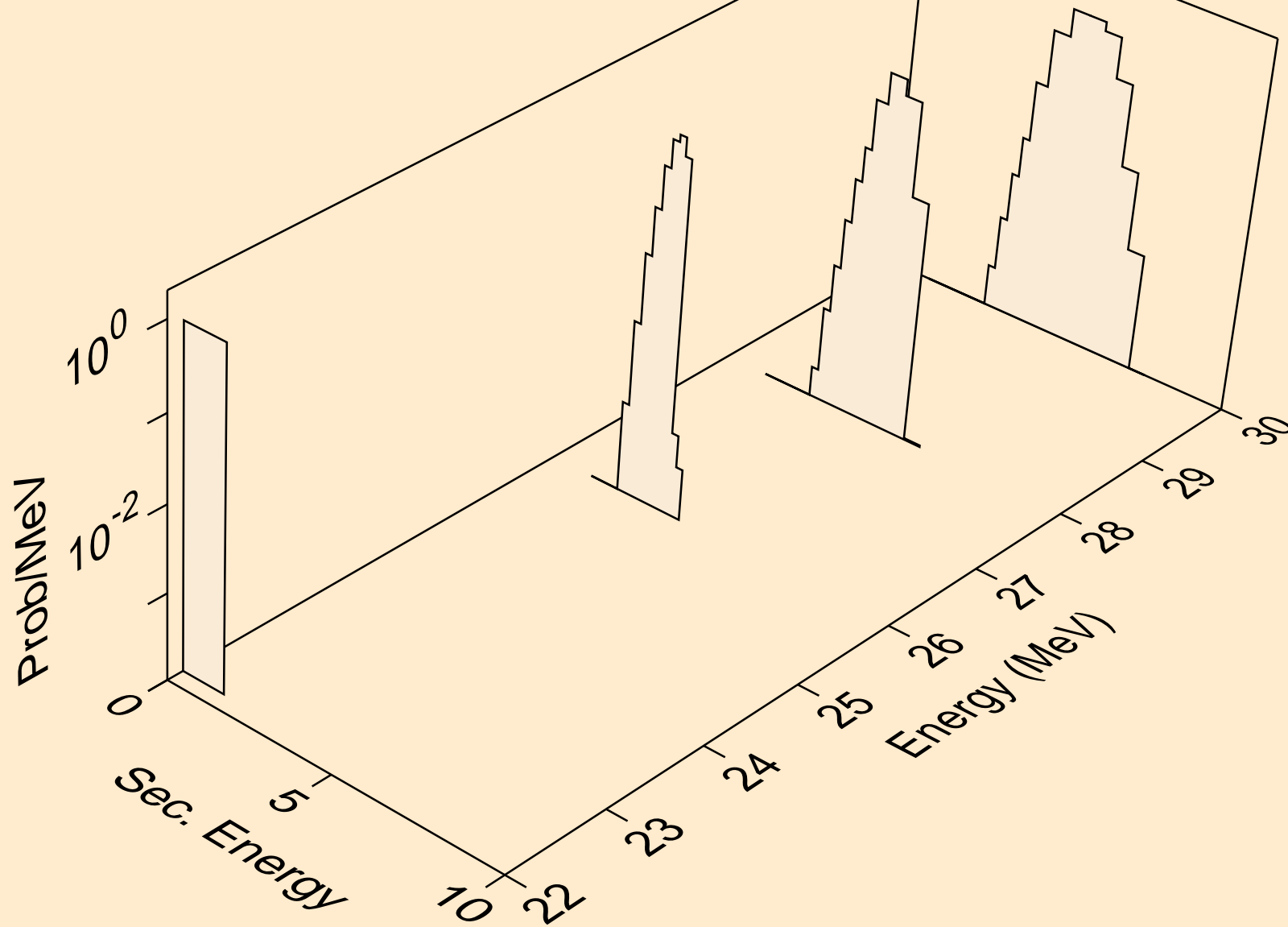
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



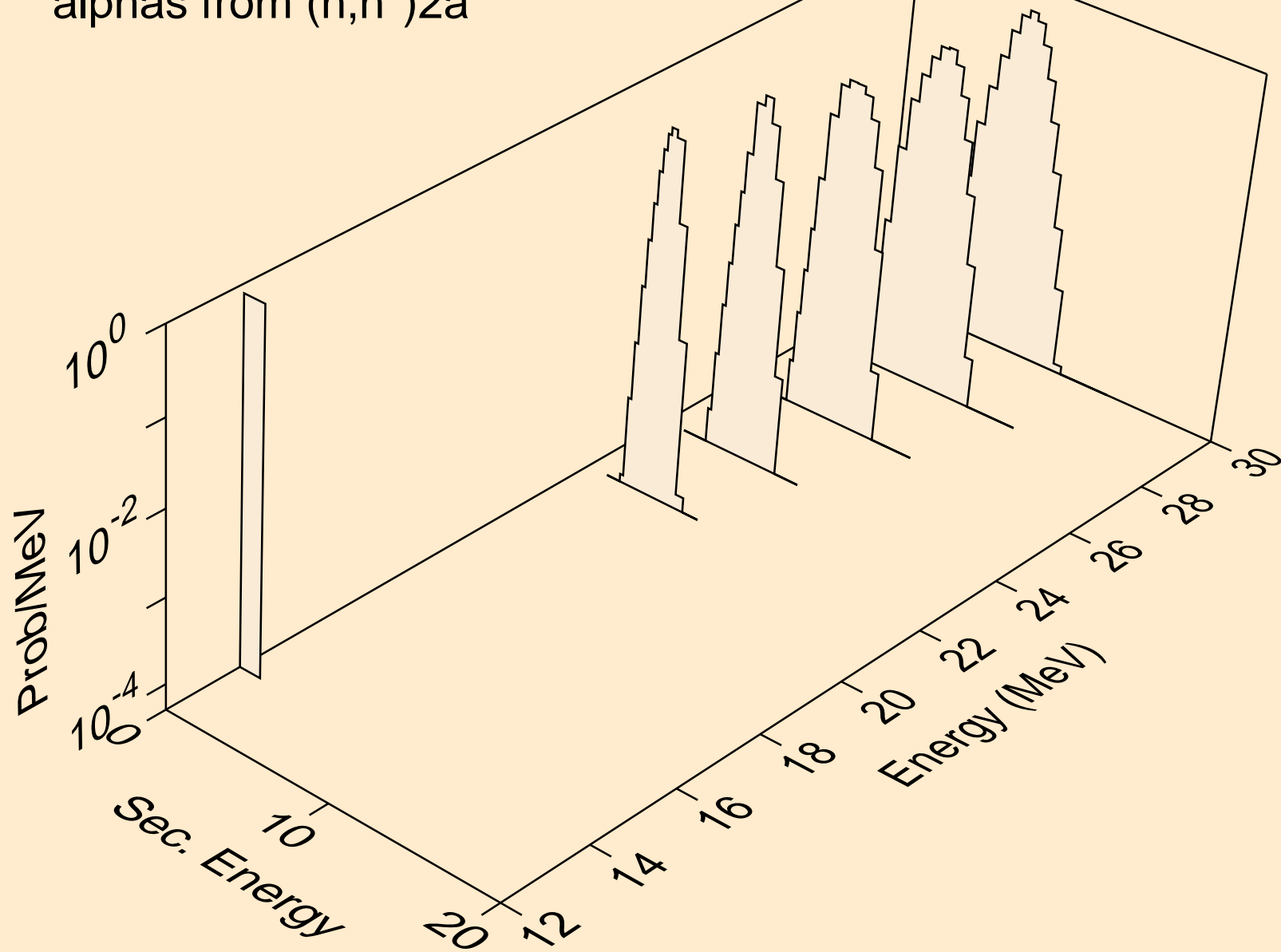
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alphas from (n,2n)a



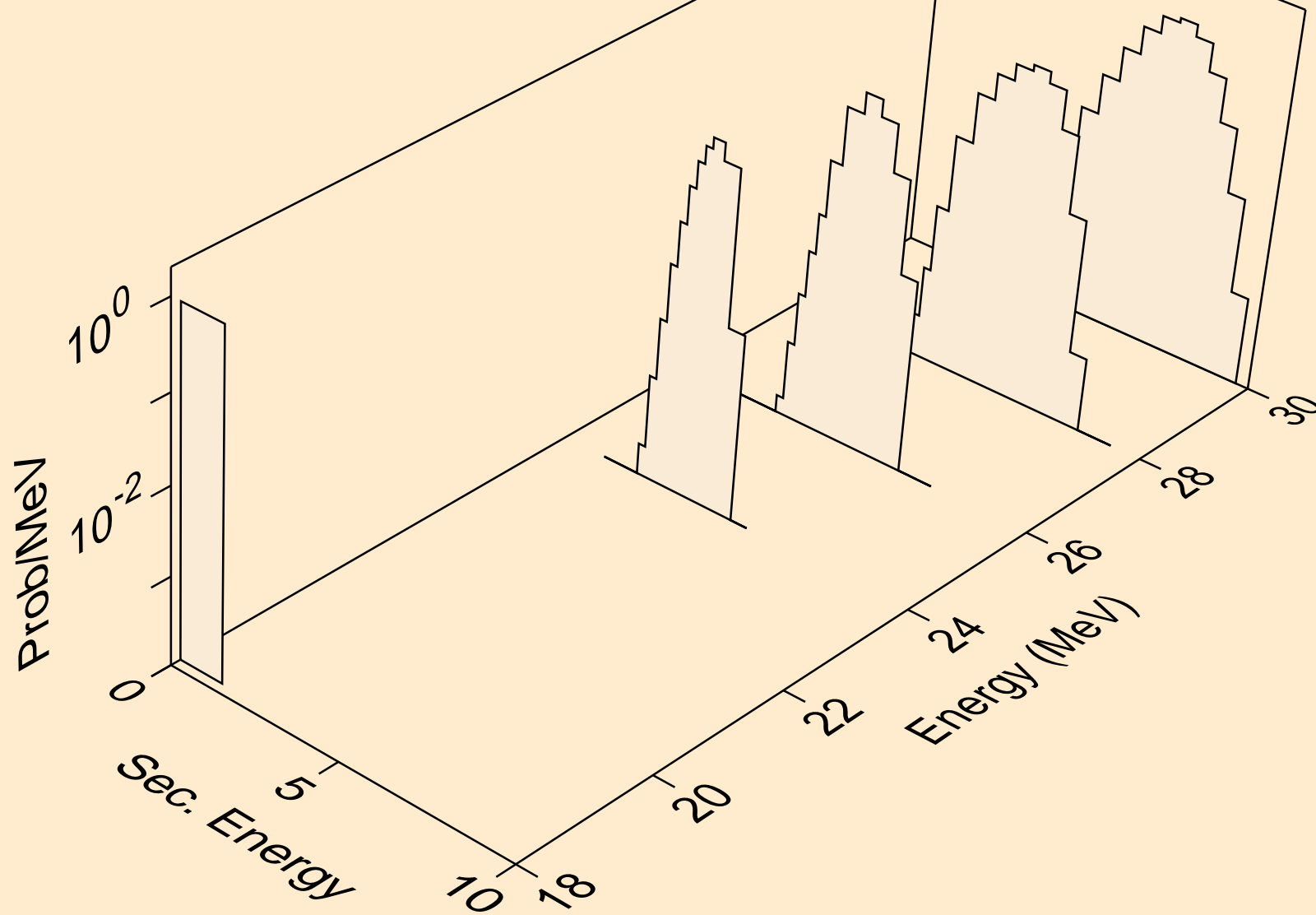
ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

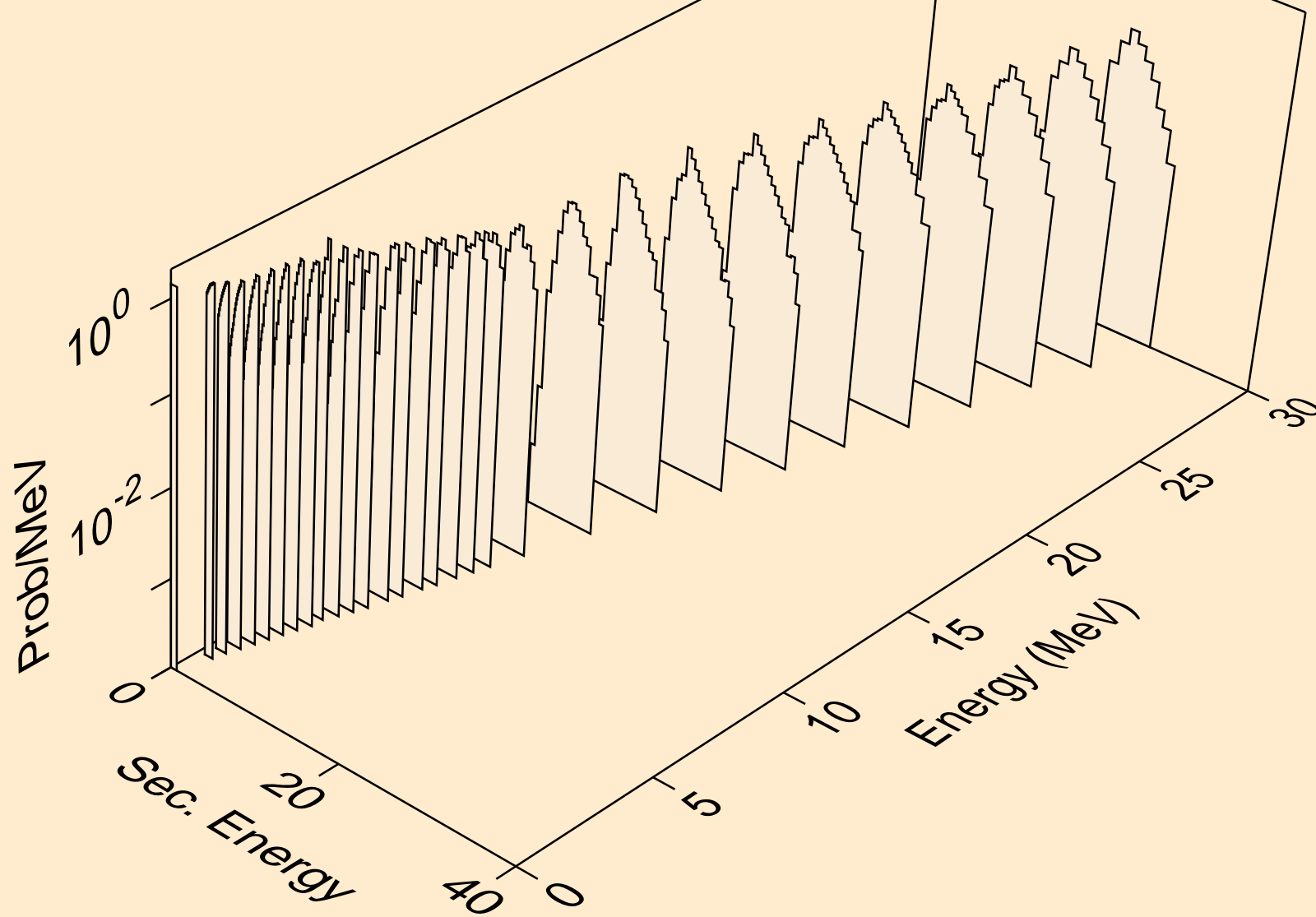


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alphas from (n,npa)

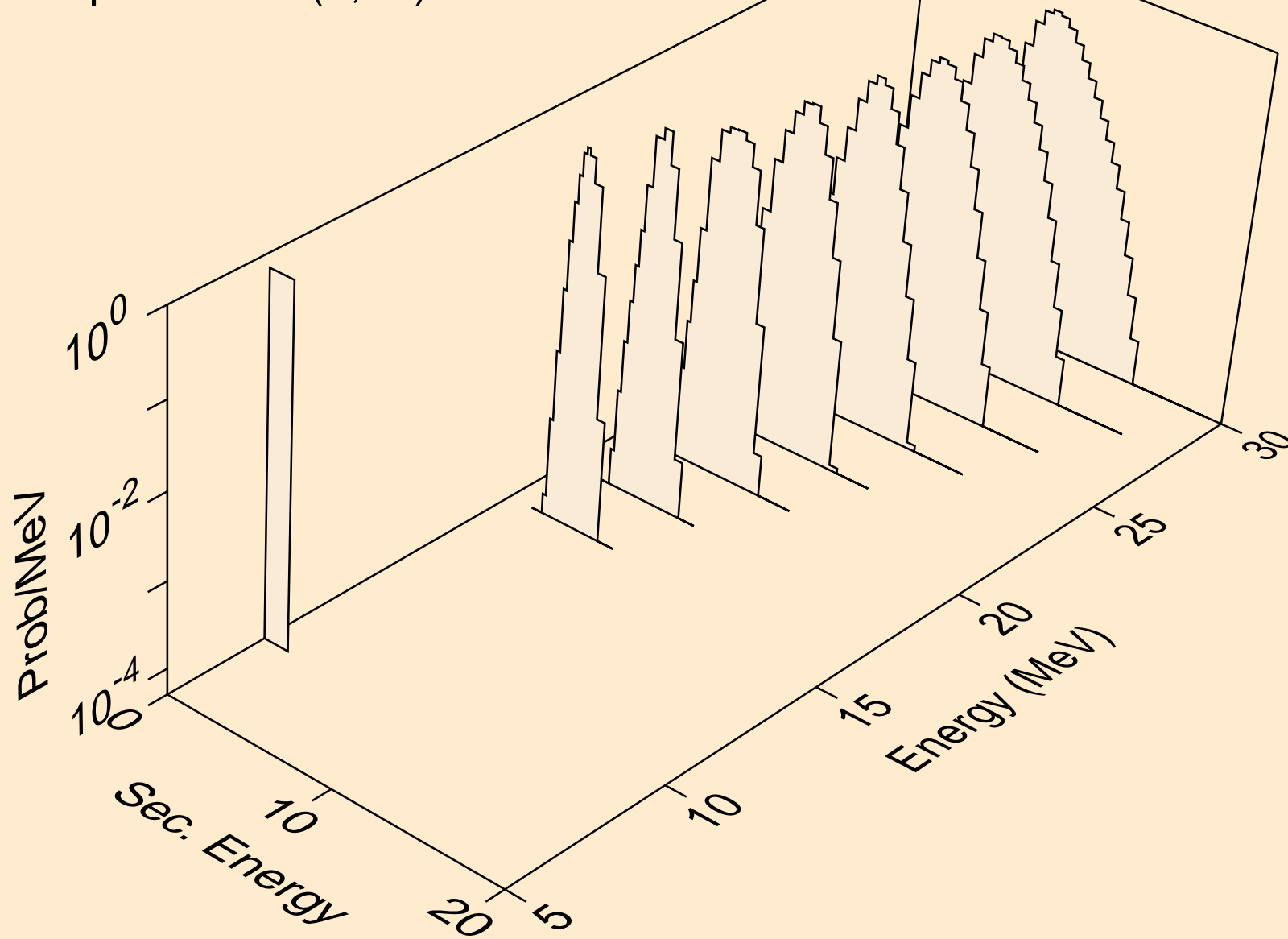




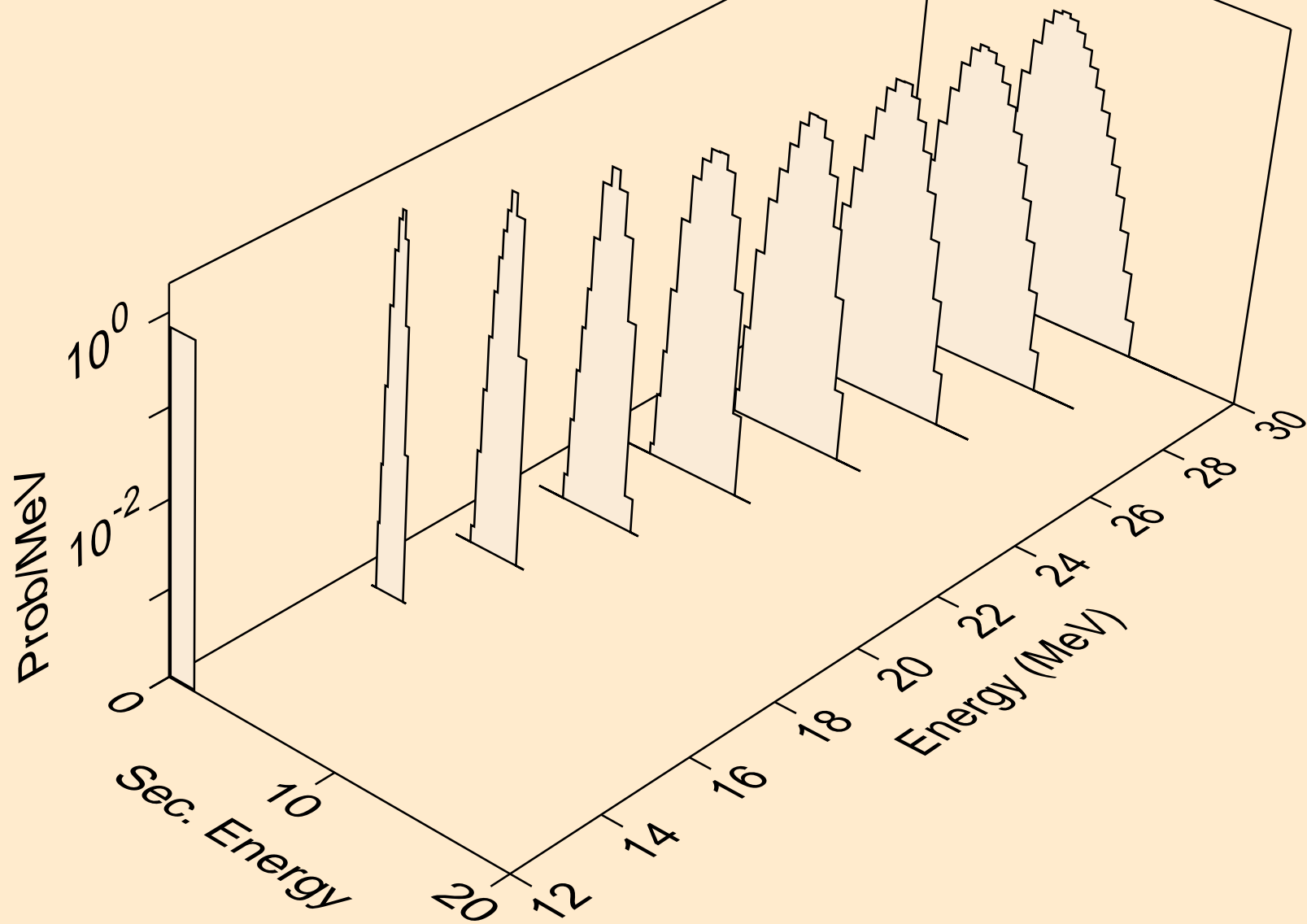
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alphas from (n,a)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



ZN068 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

