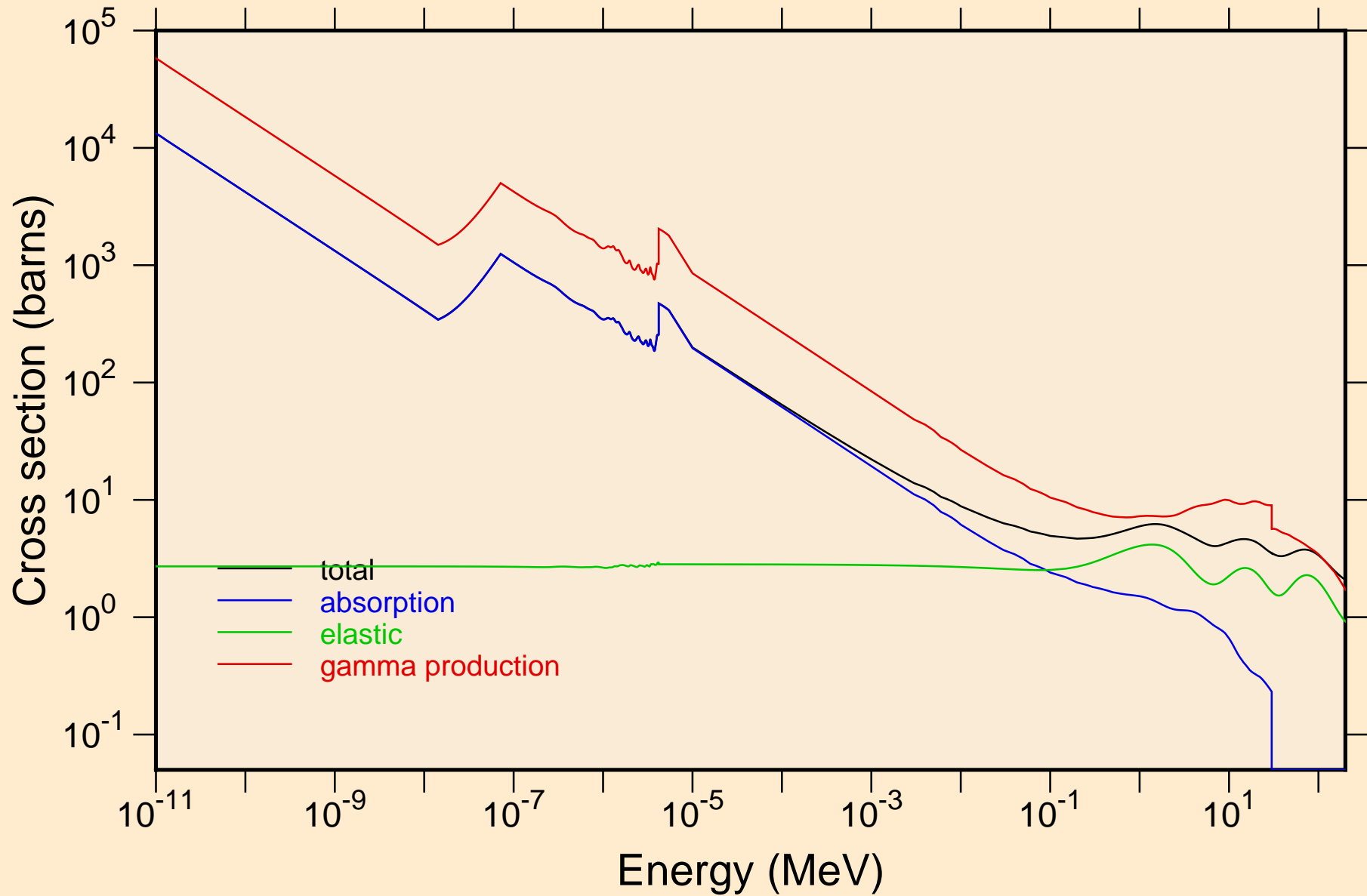


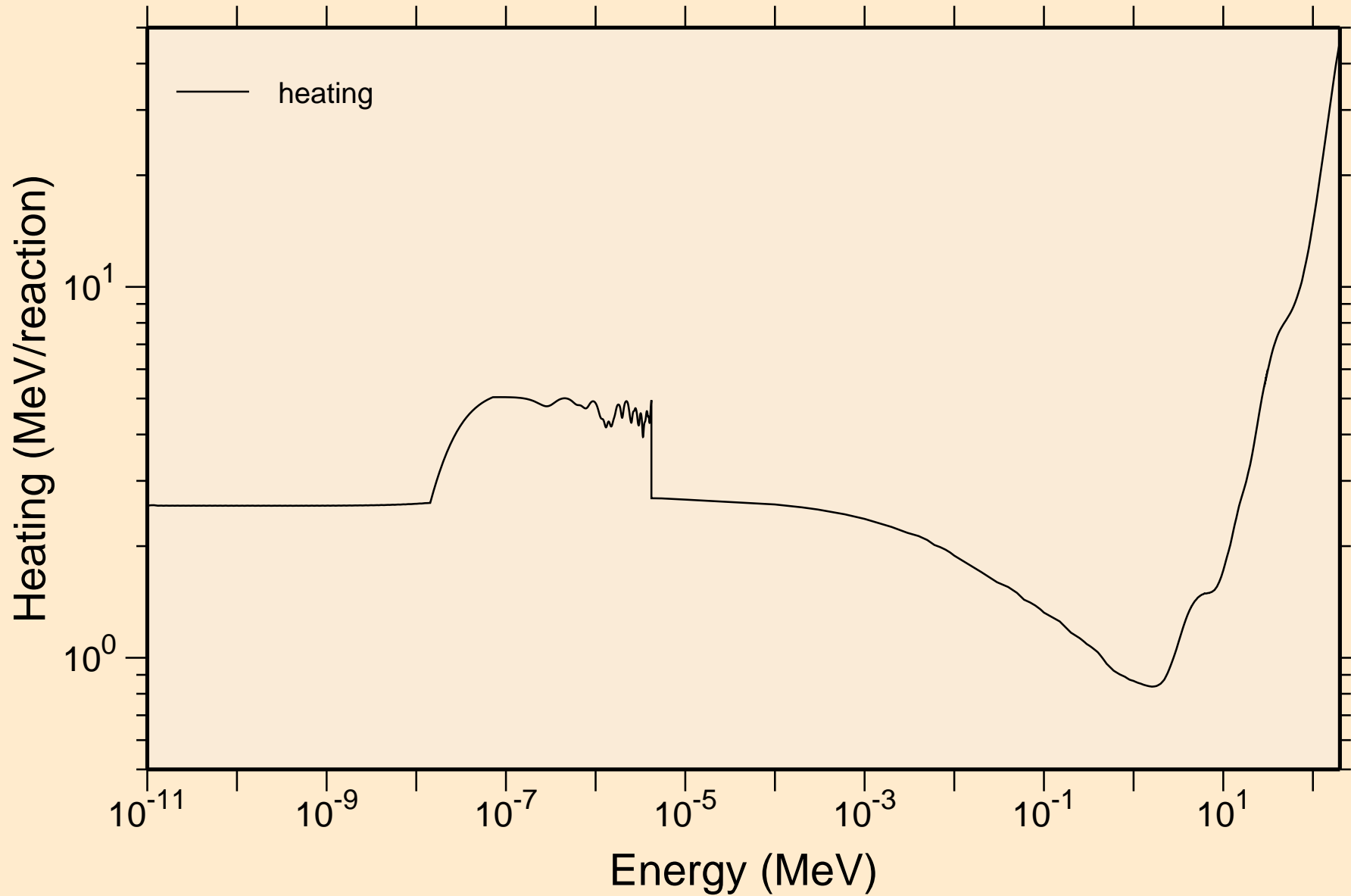
# LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

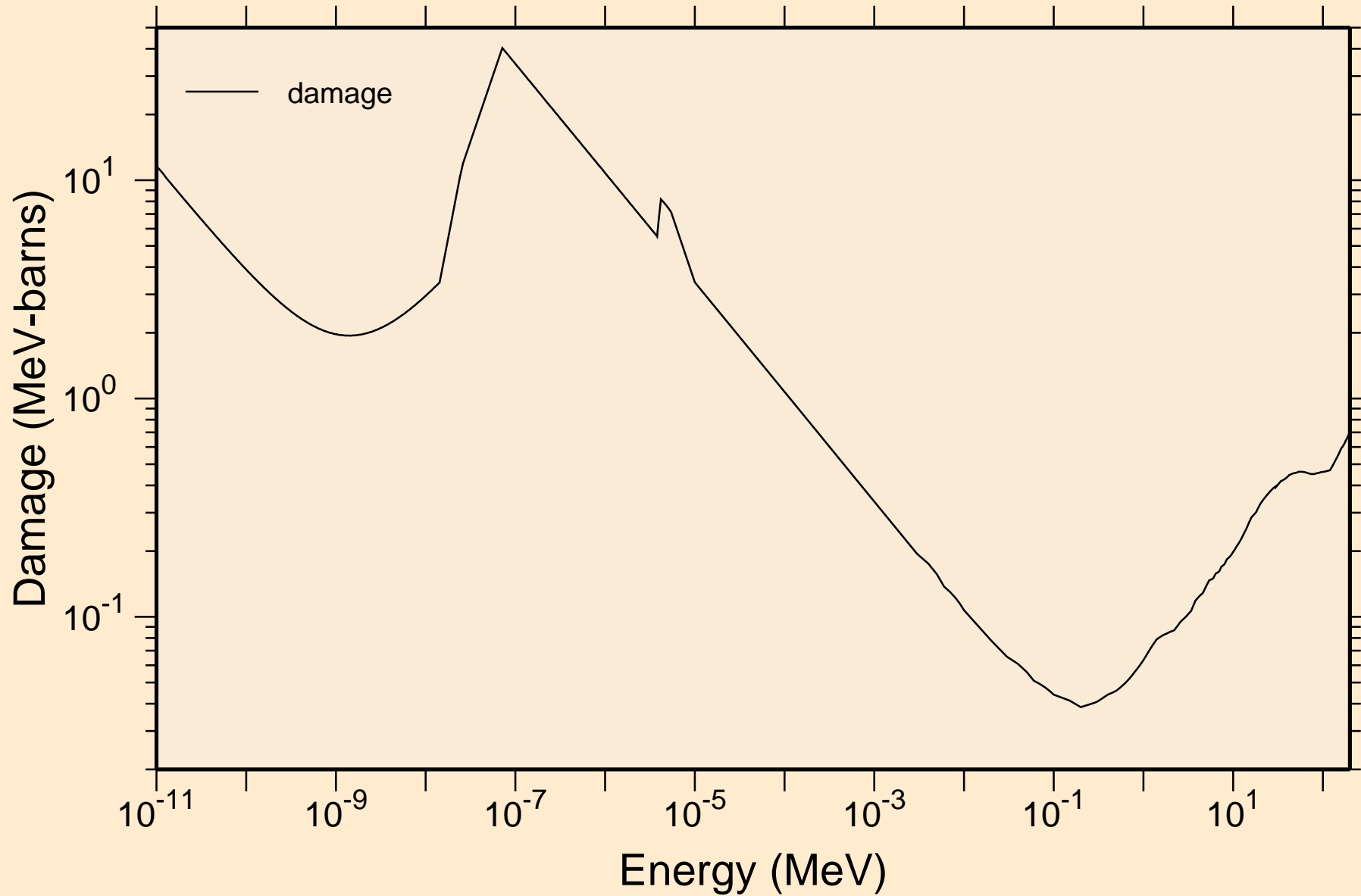


# LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

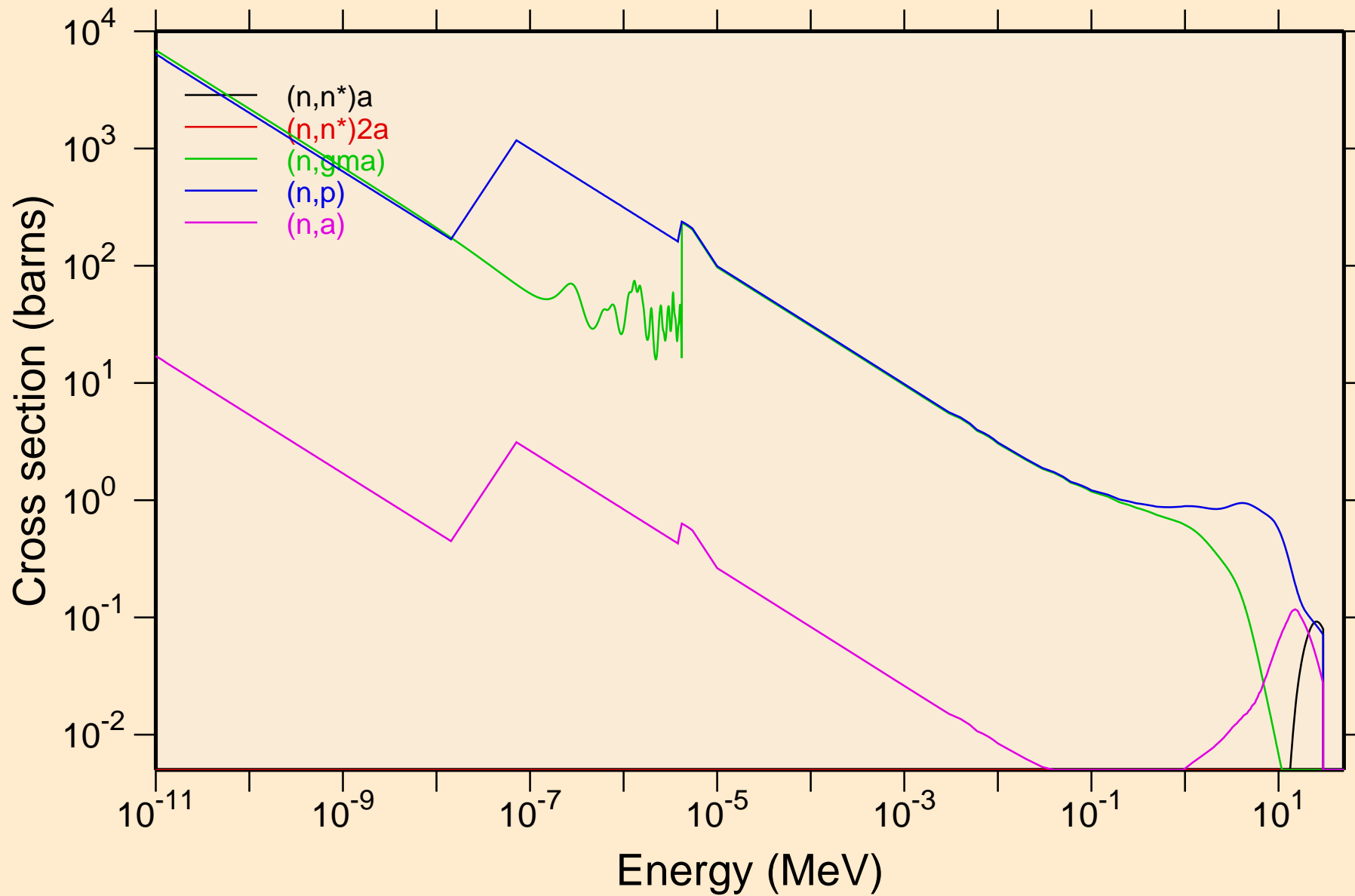
## Heating



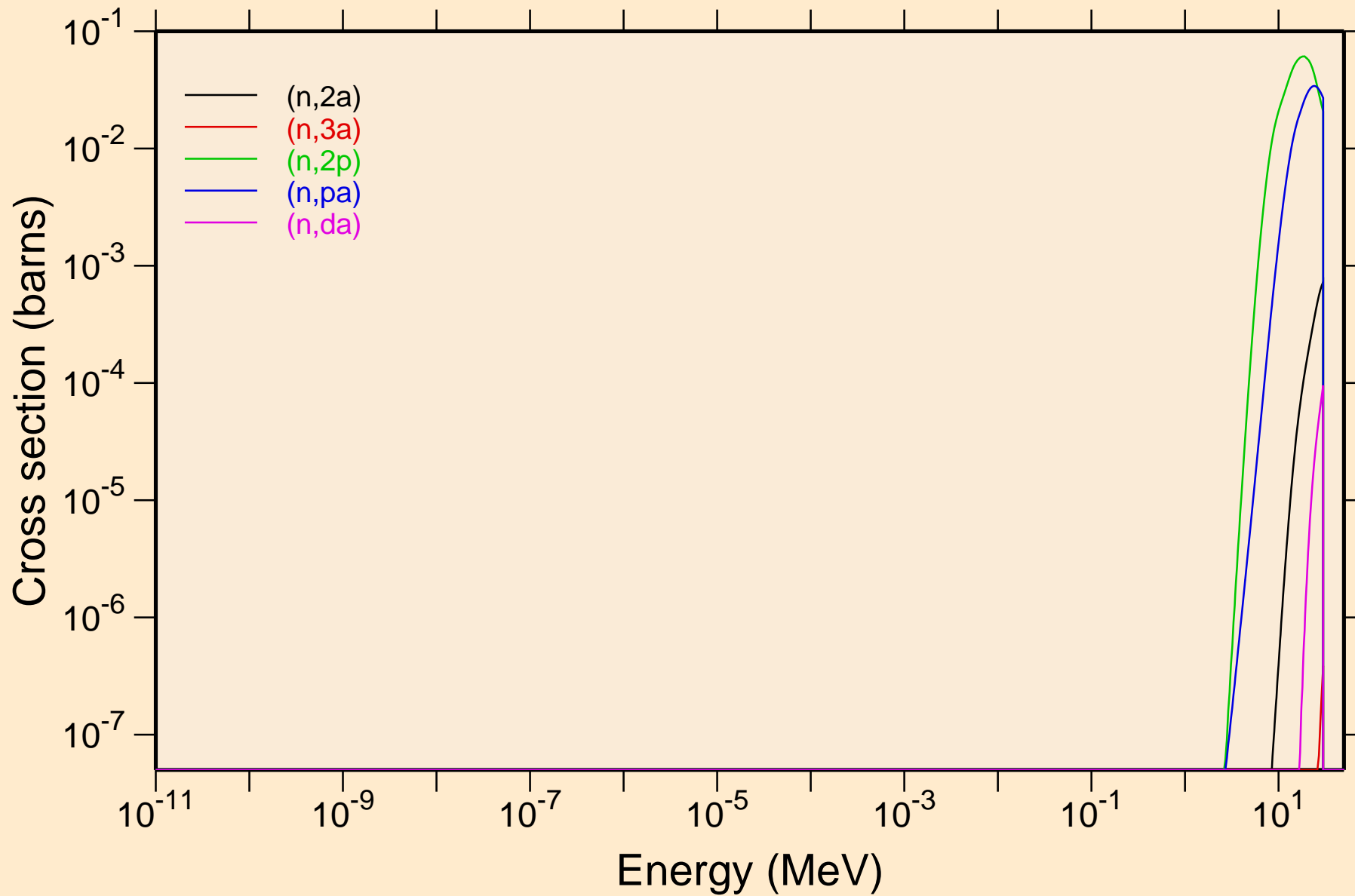
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Damage



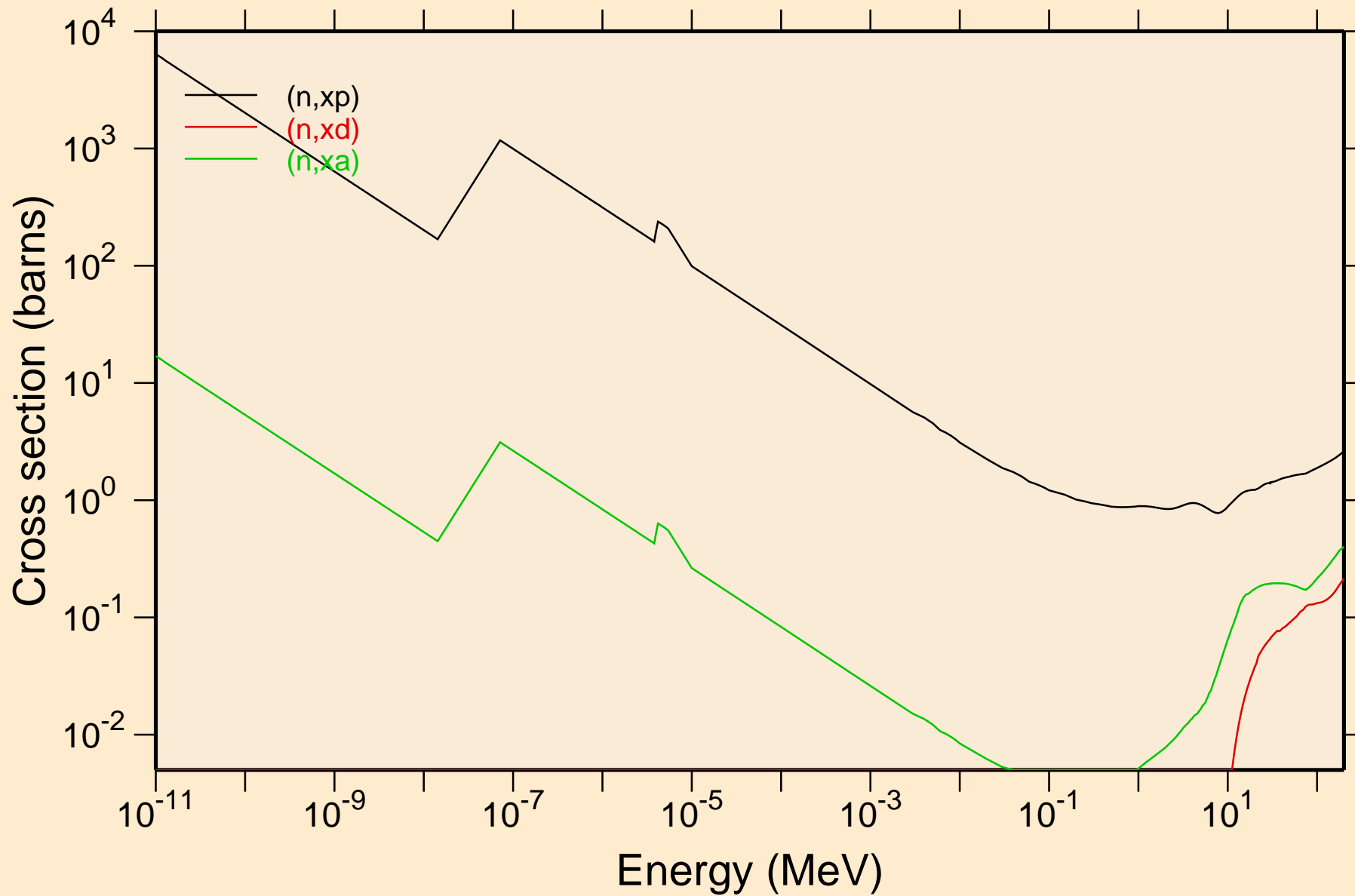
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

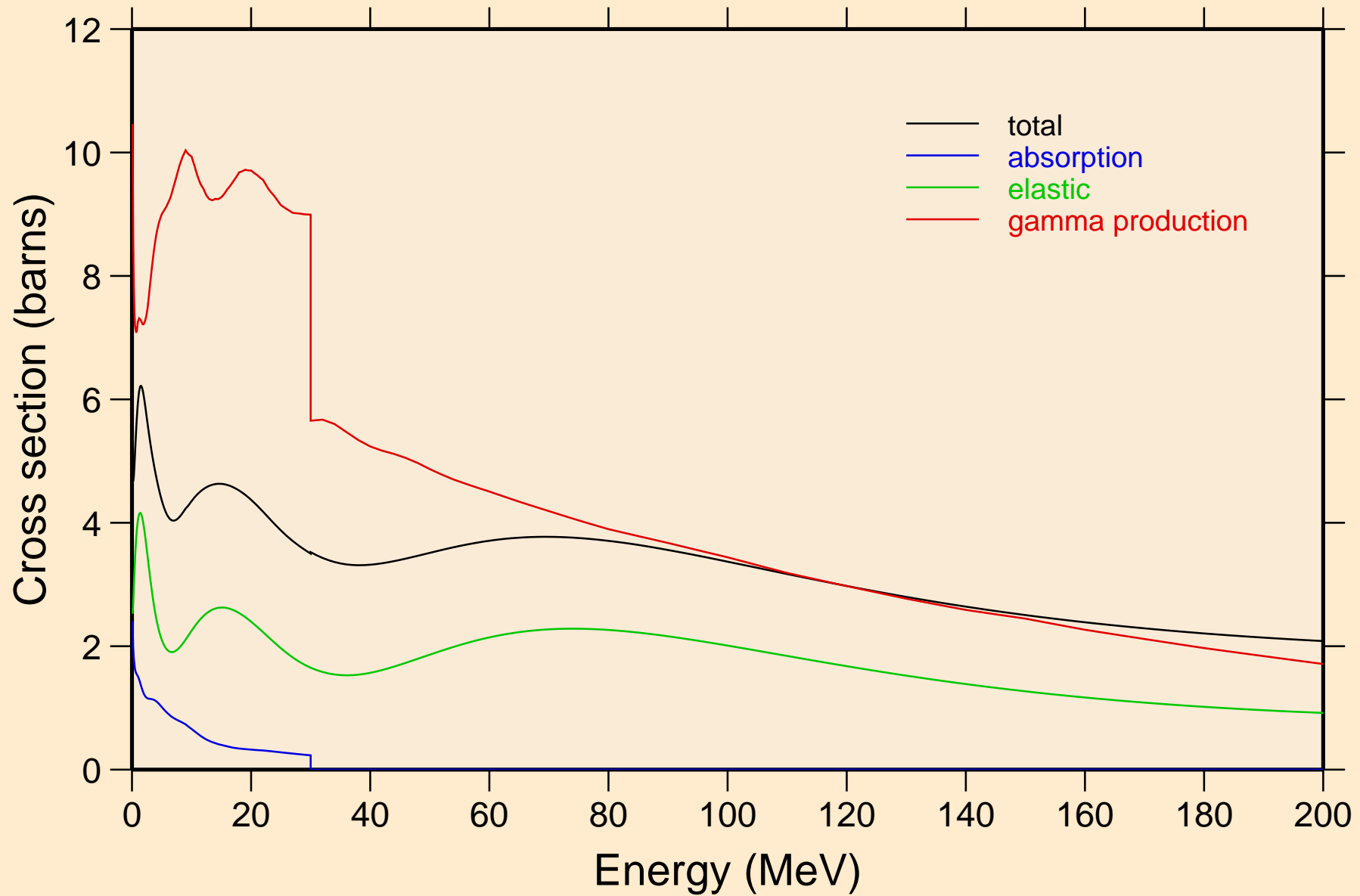


LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



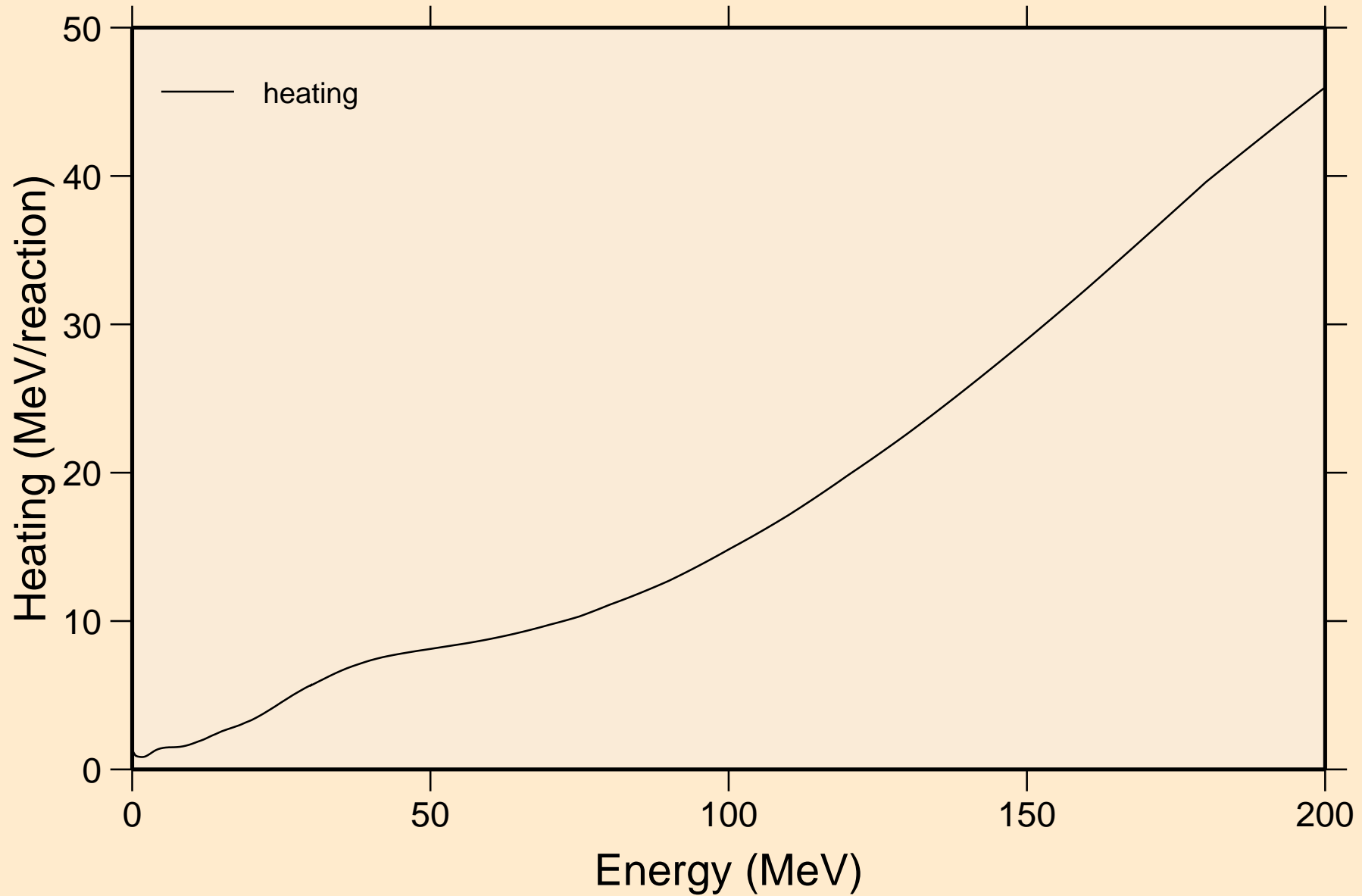
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## Principal cross sections



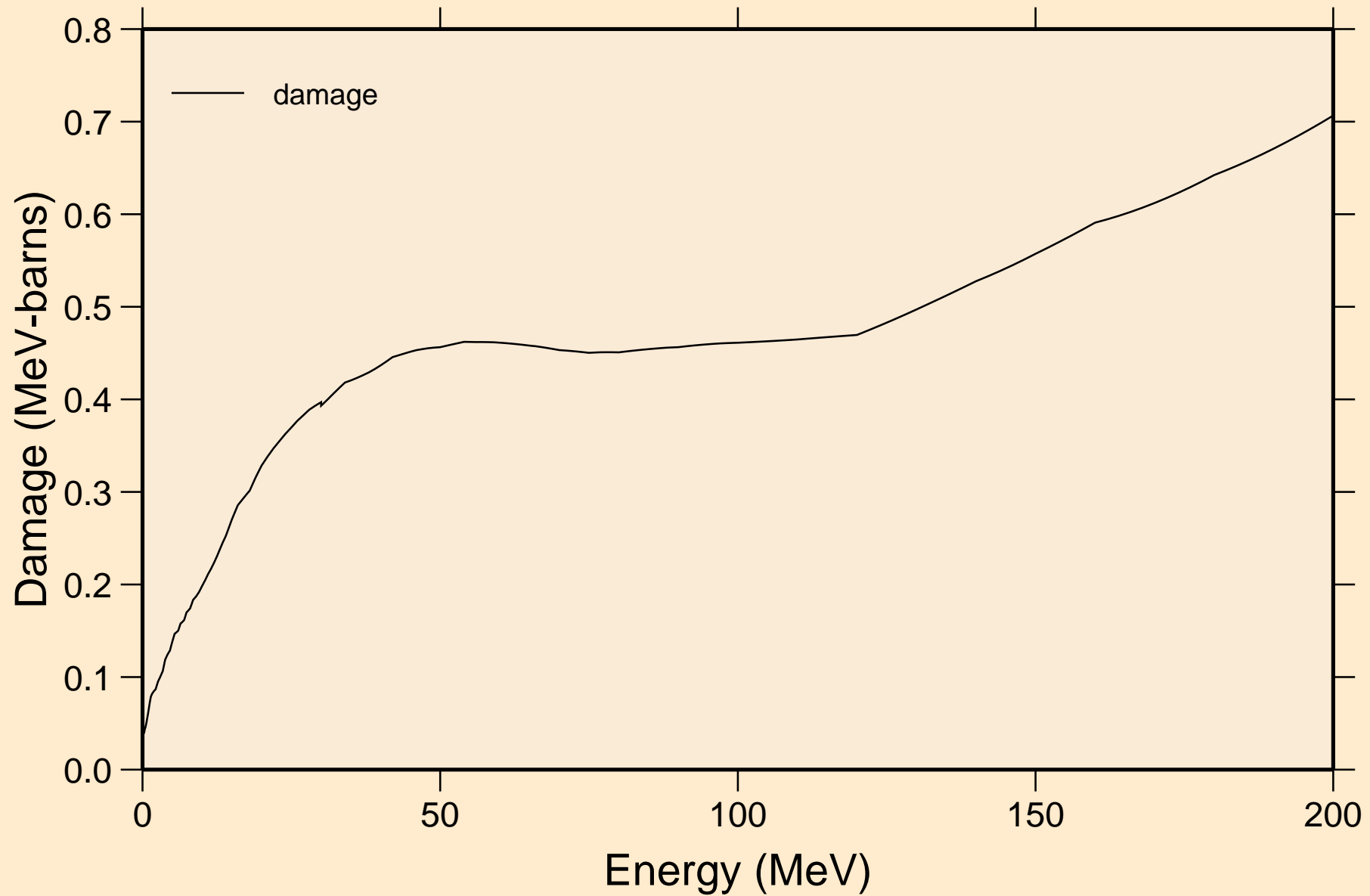
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## Heating

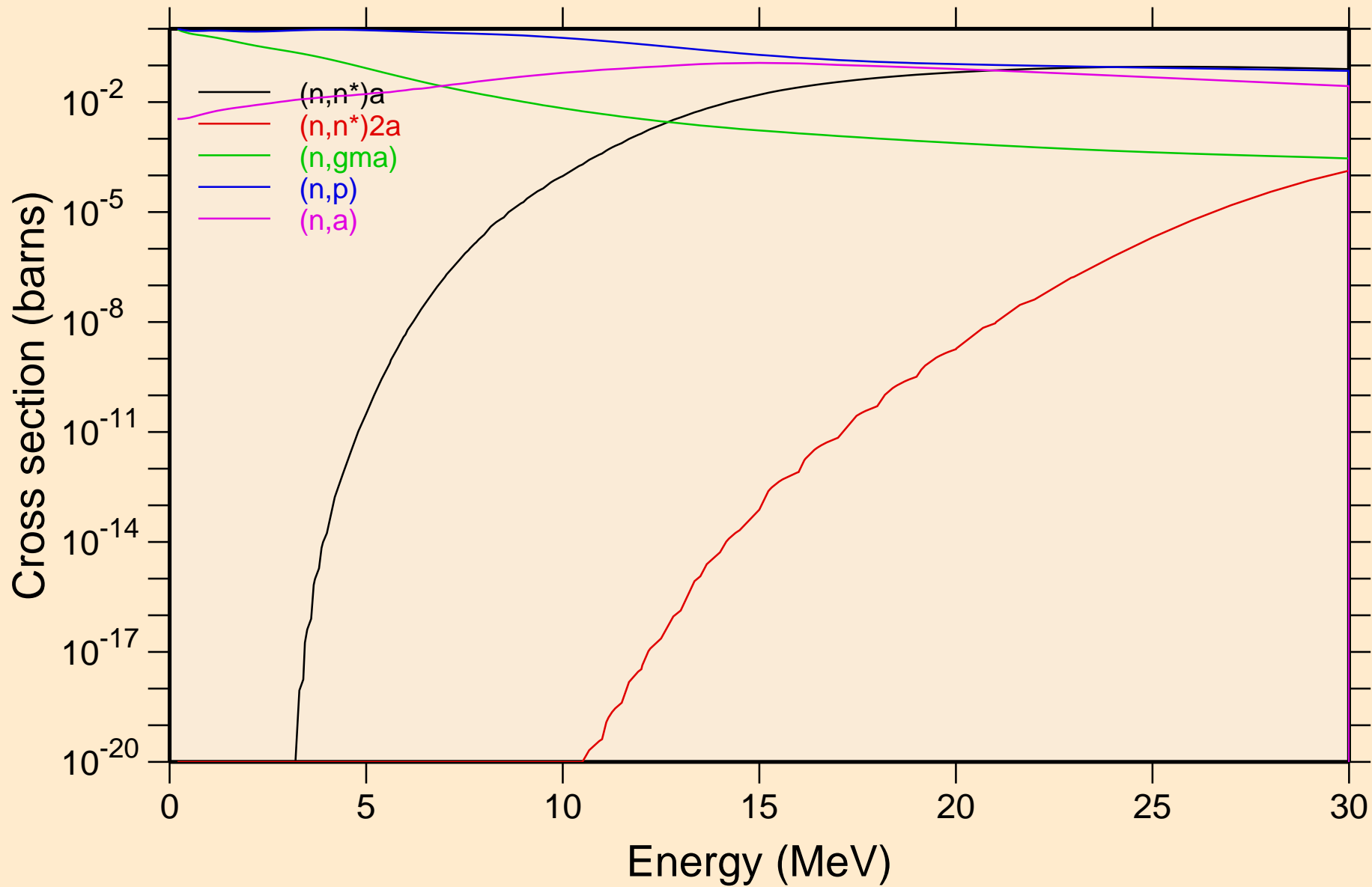




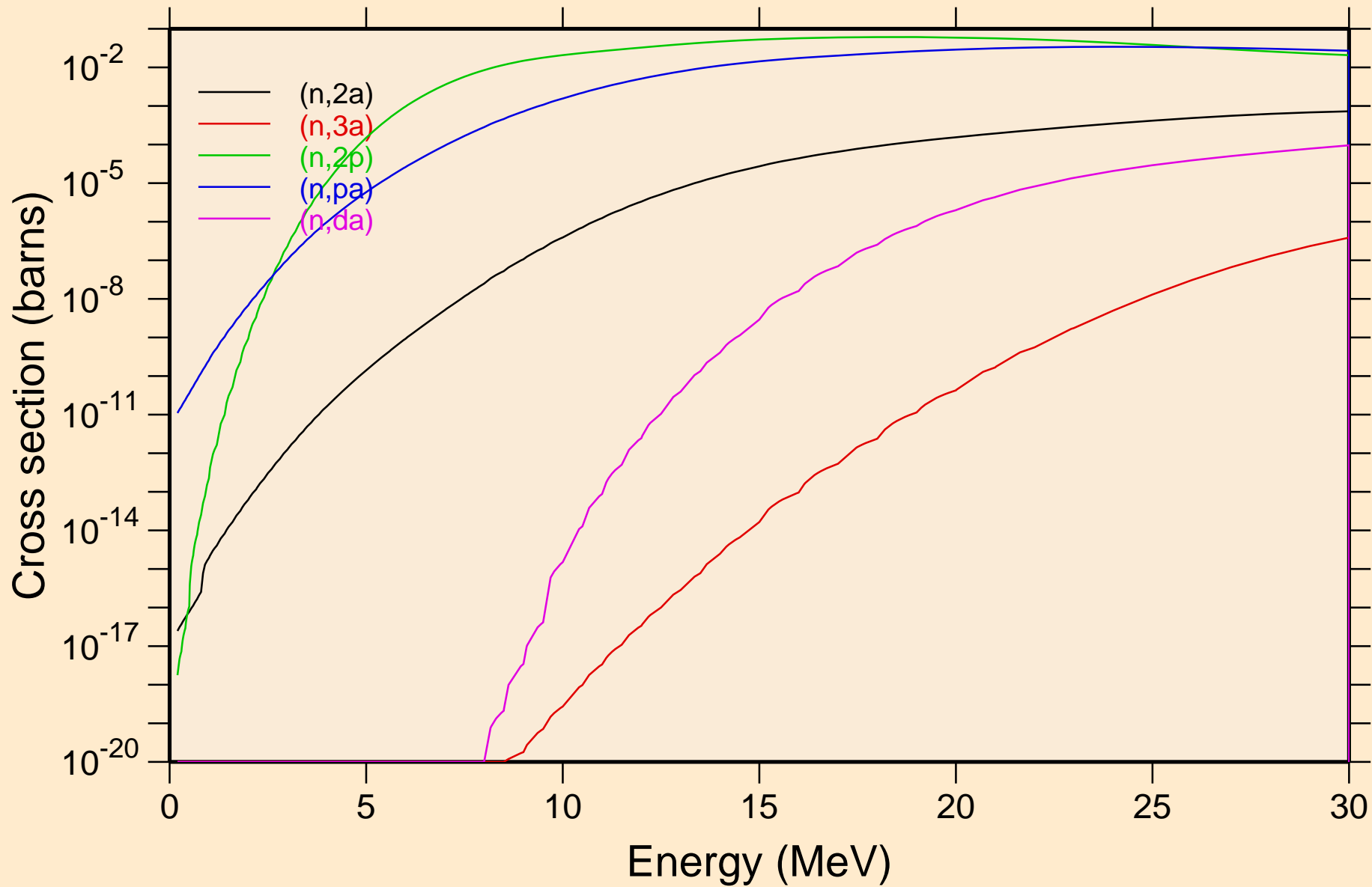
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Damage



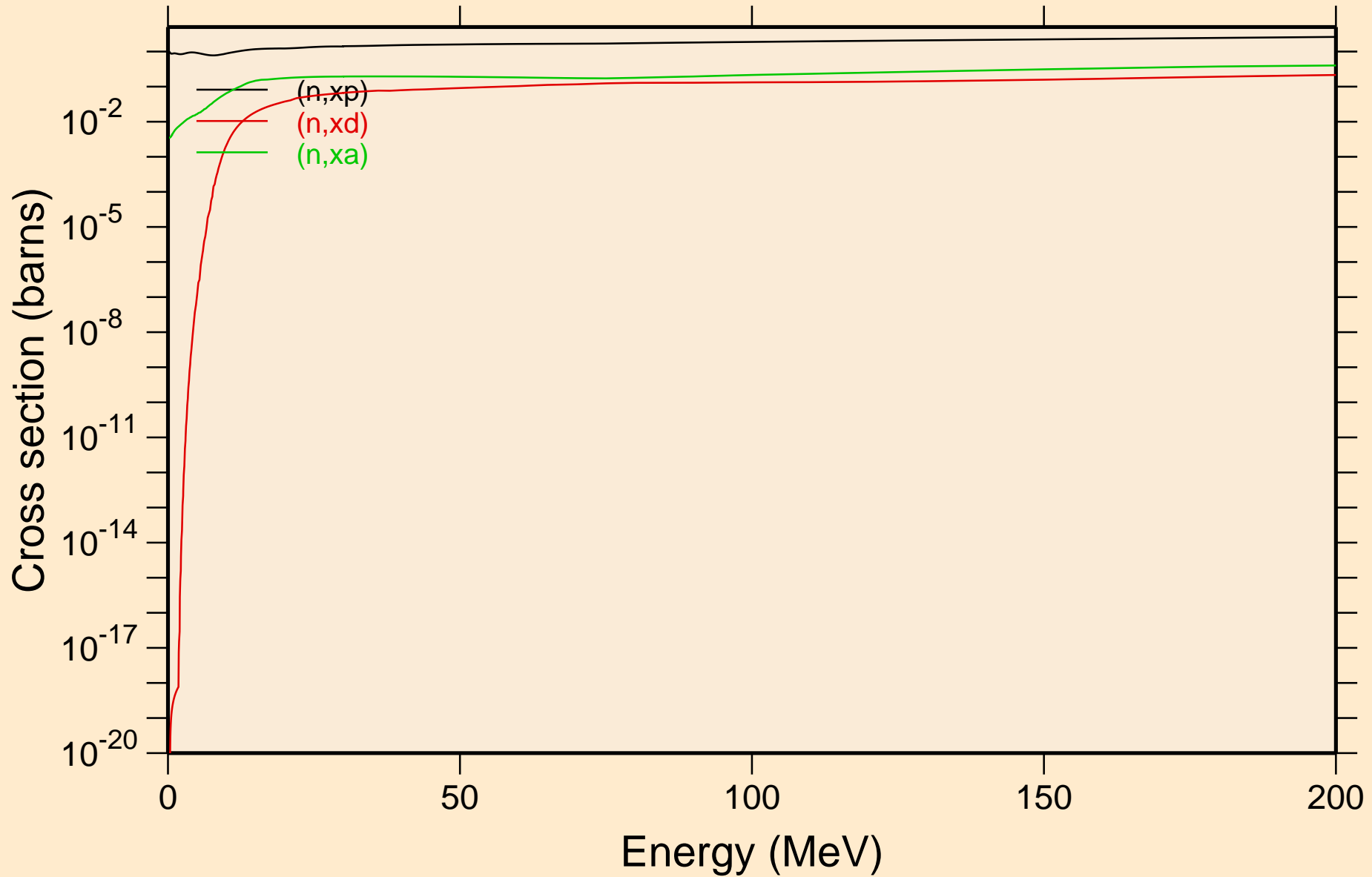
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Non-threshold reactions



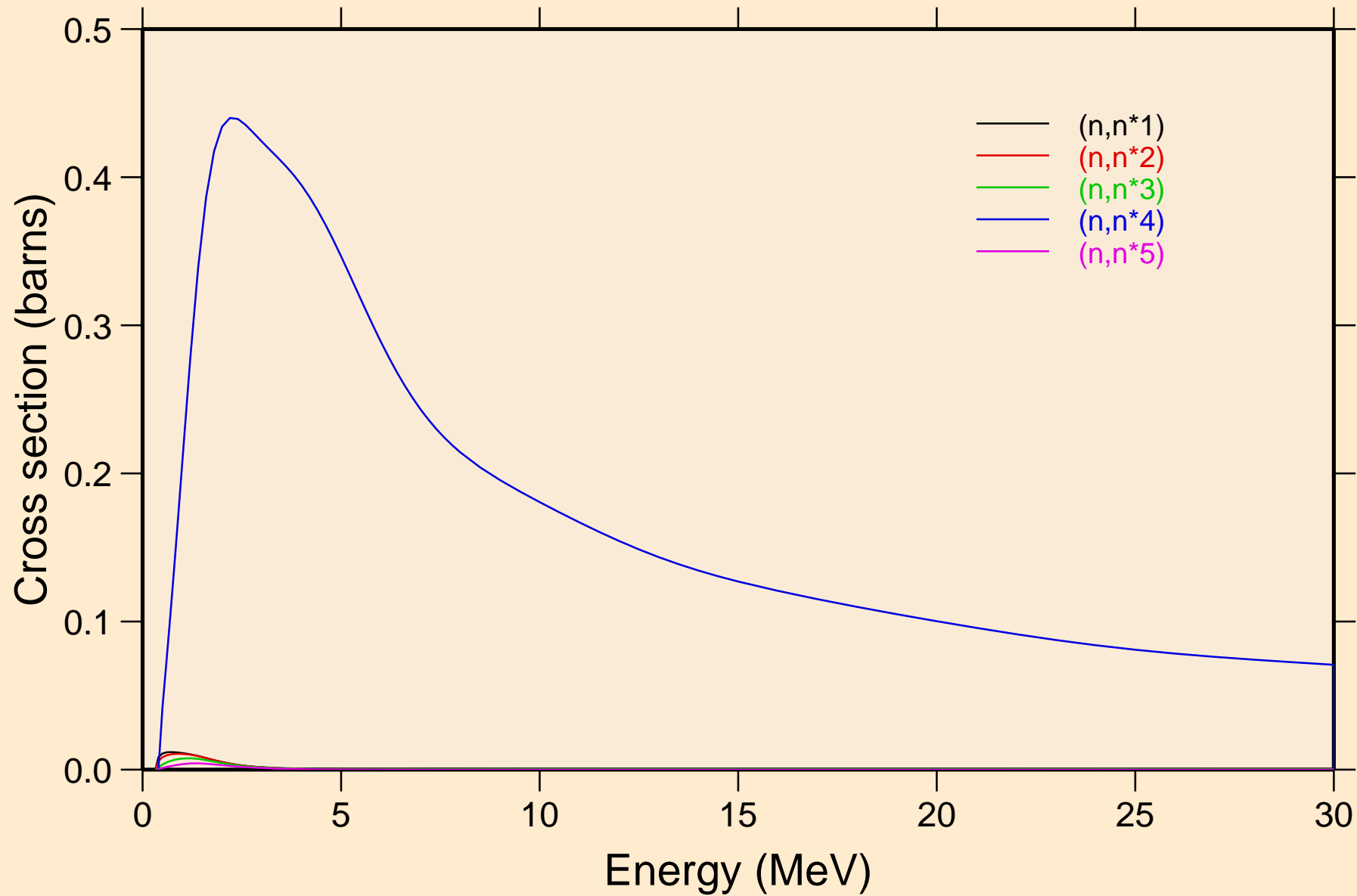
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Non-threshold reactions



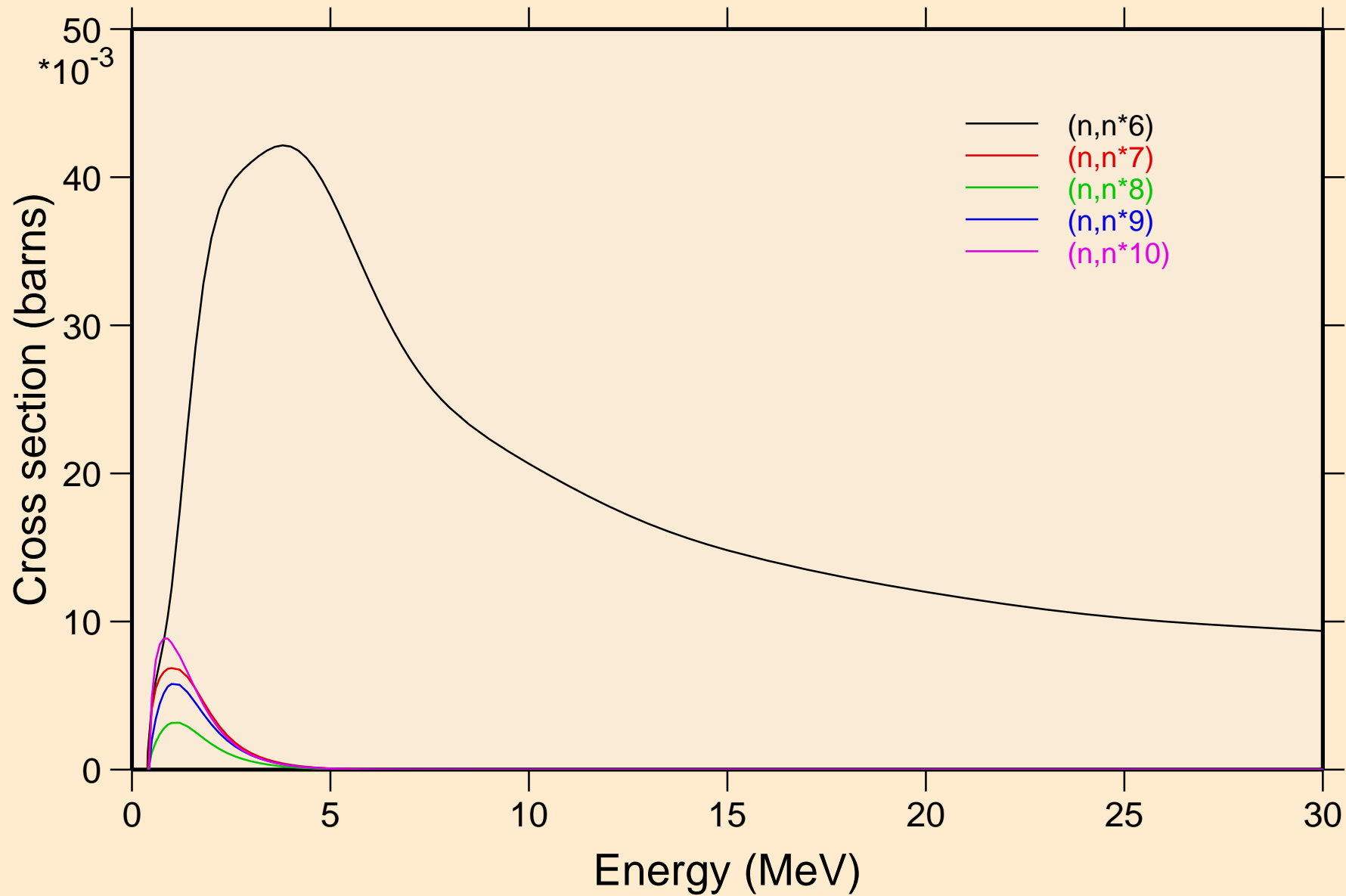
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Non-threshold reactions



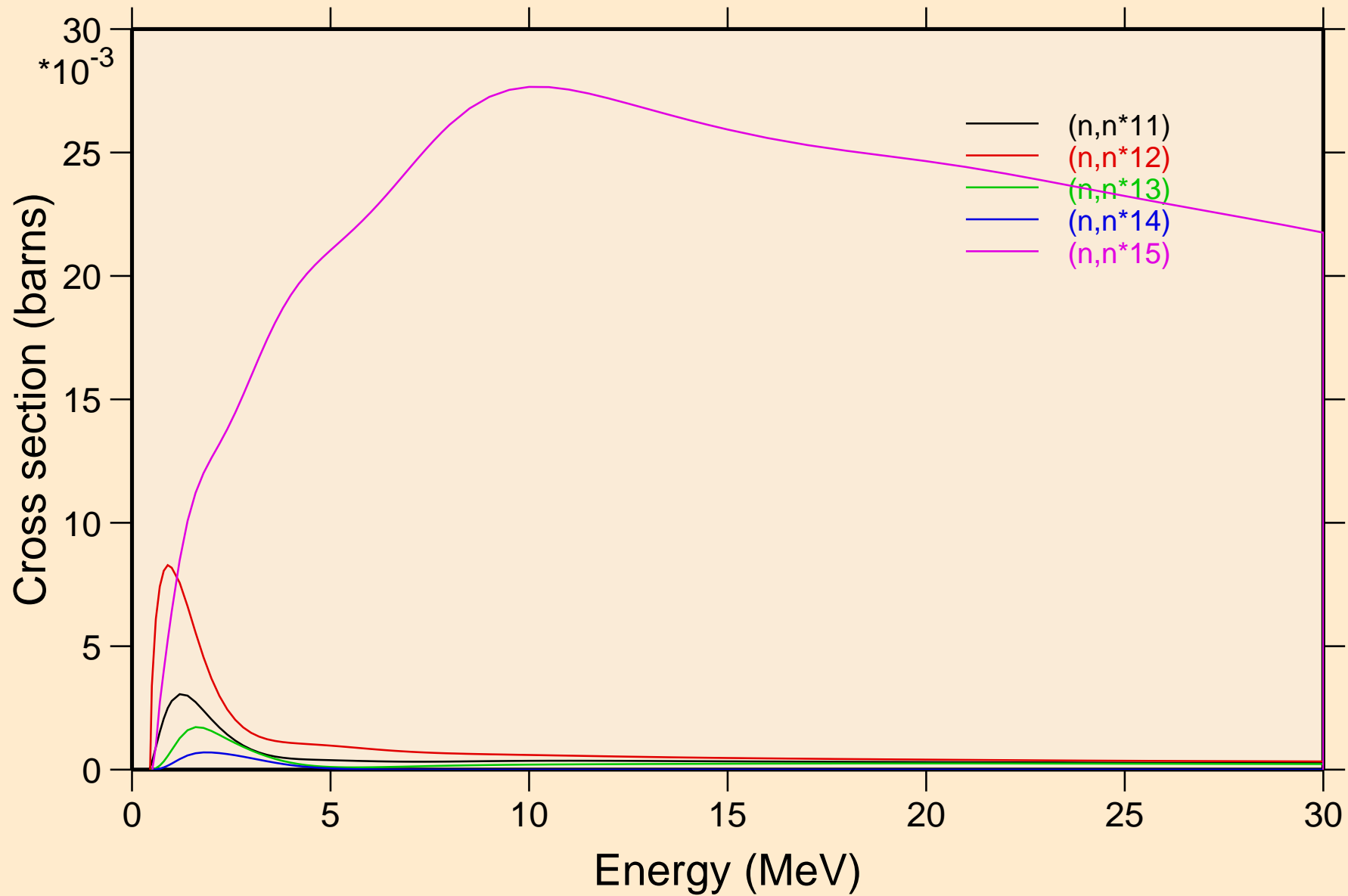
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

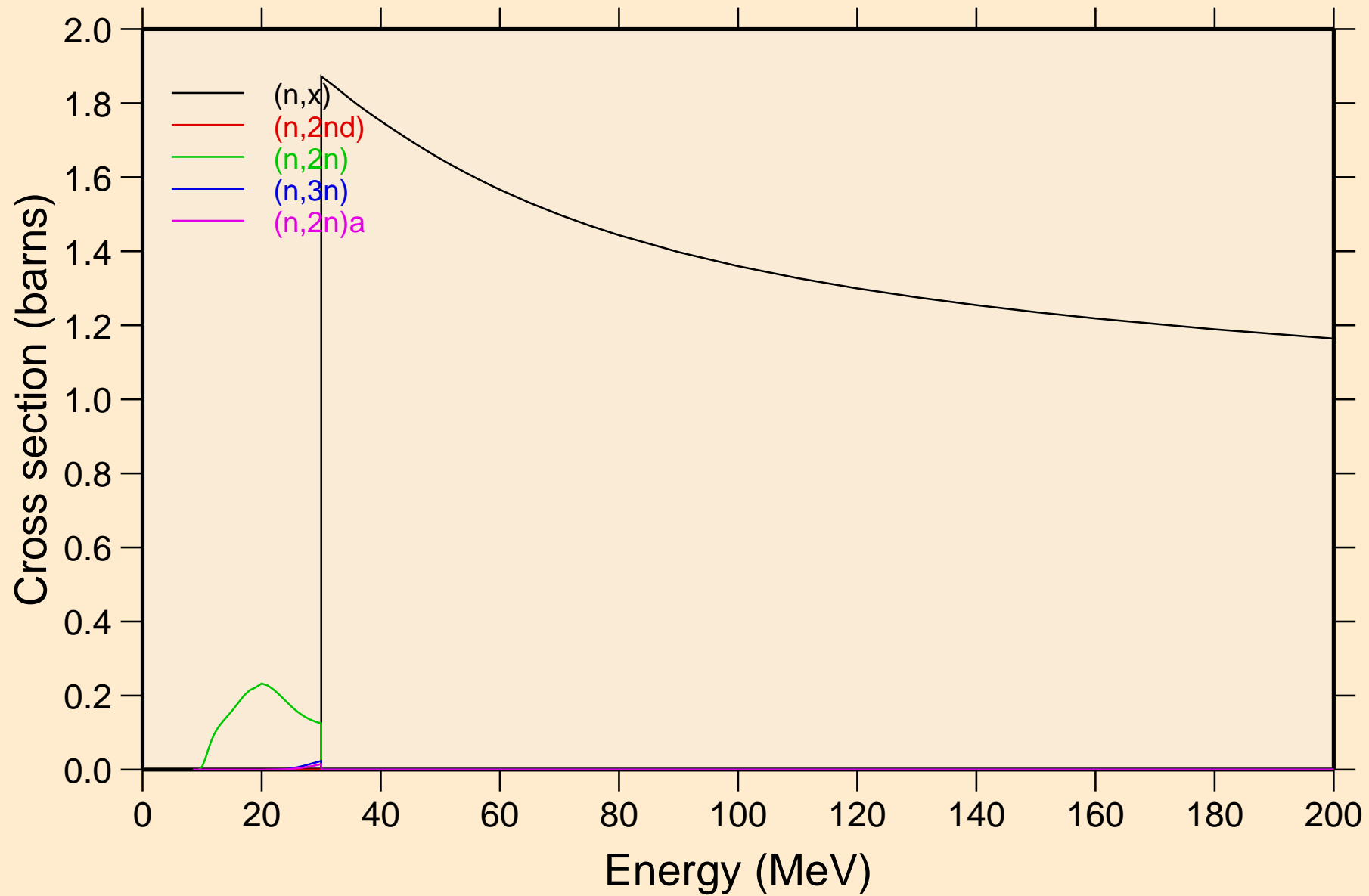


LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



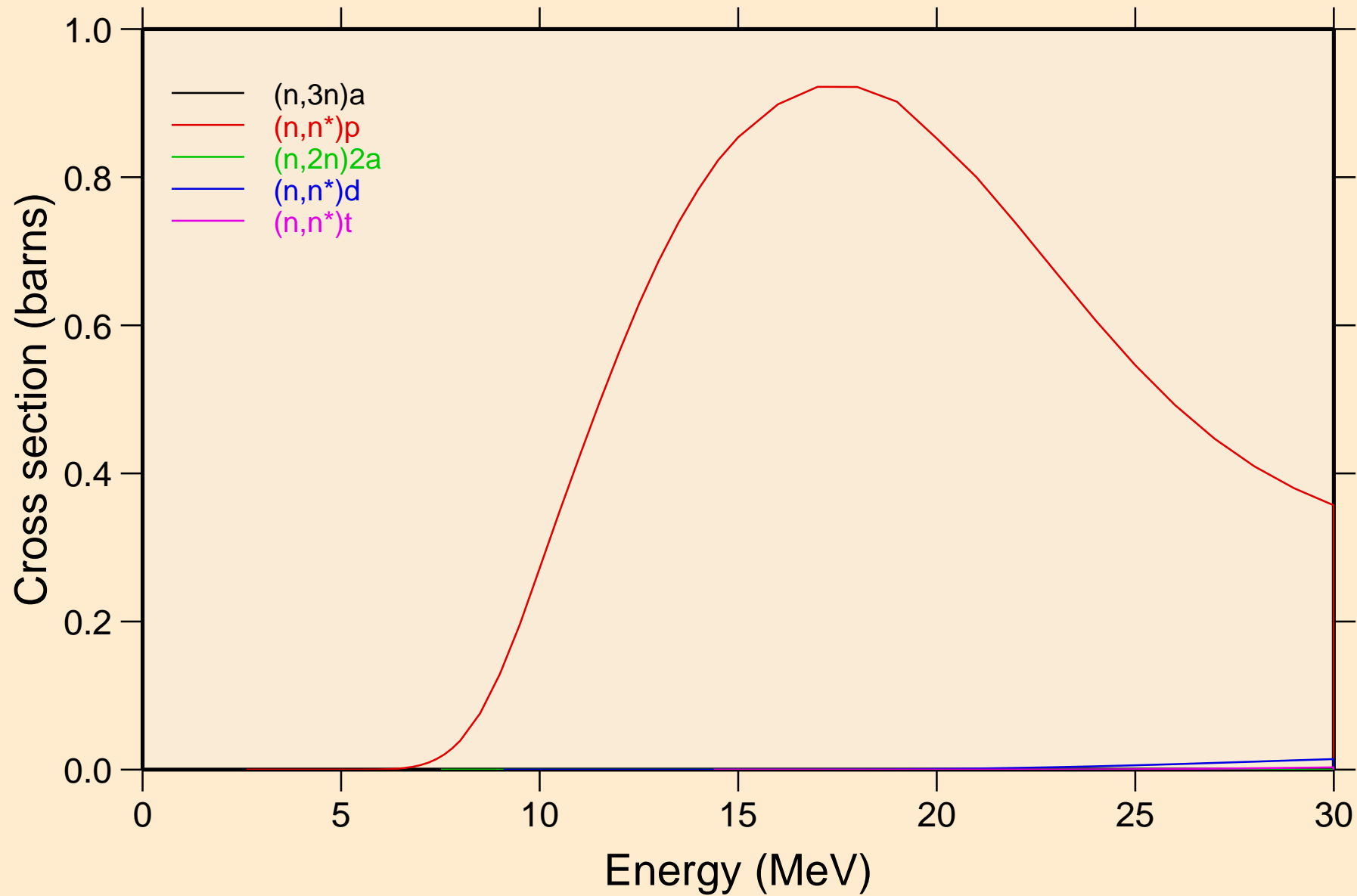
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## Threshold reactions

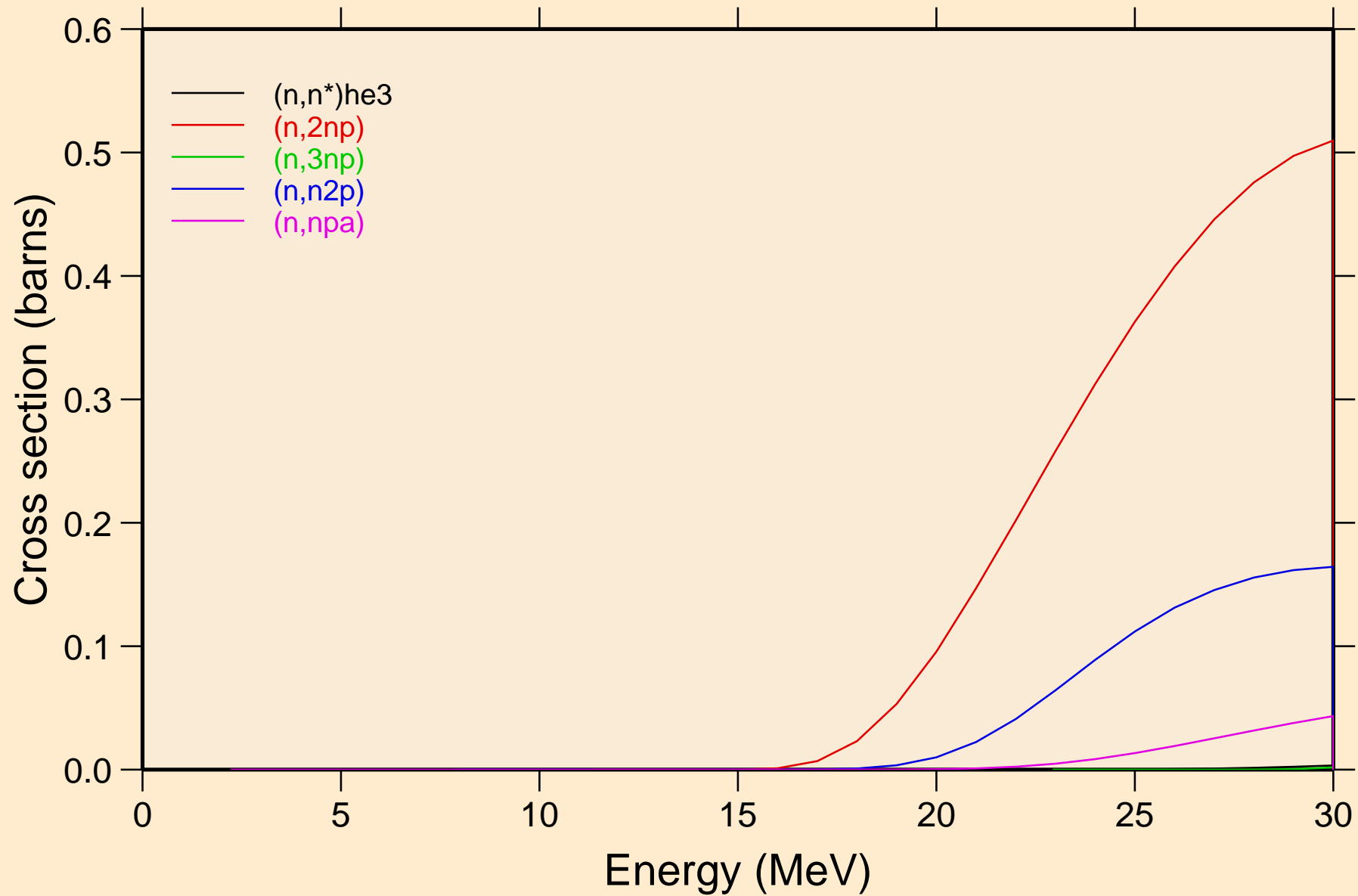




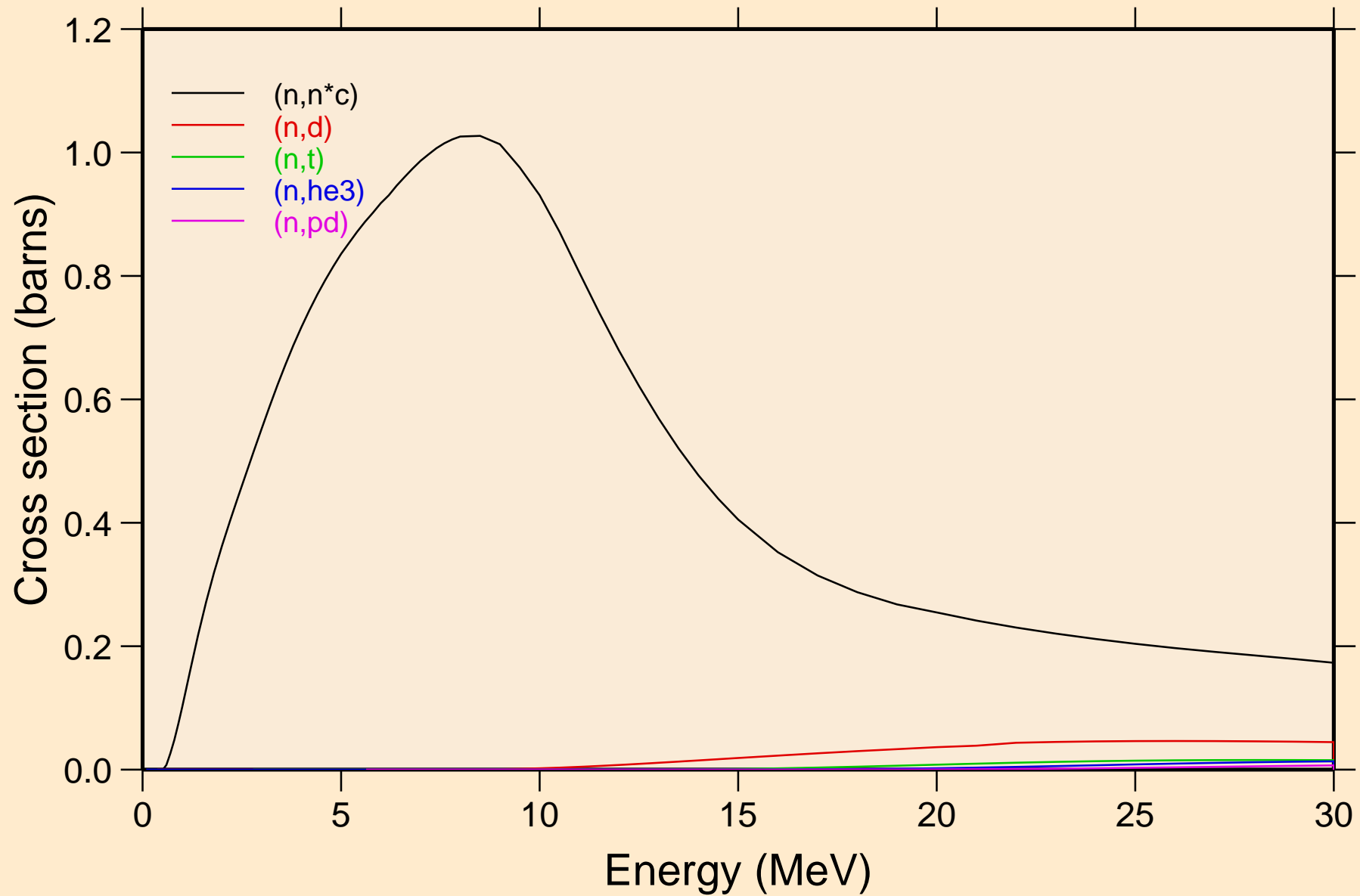
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



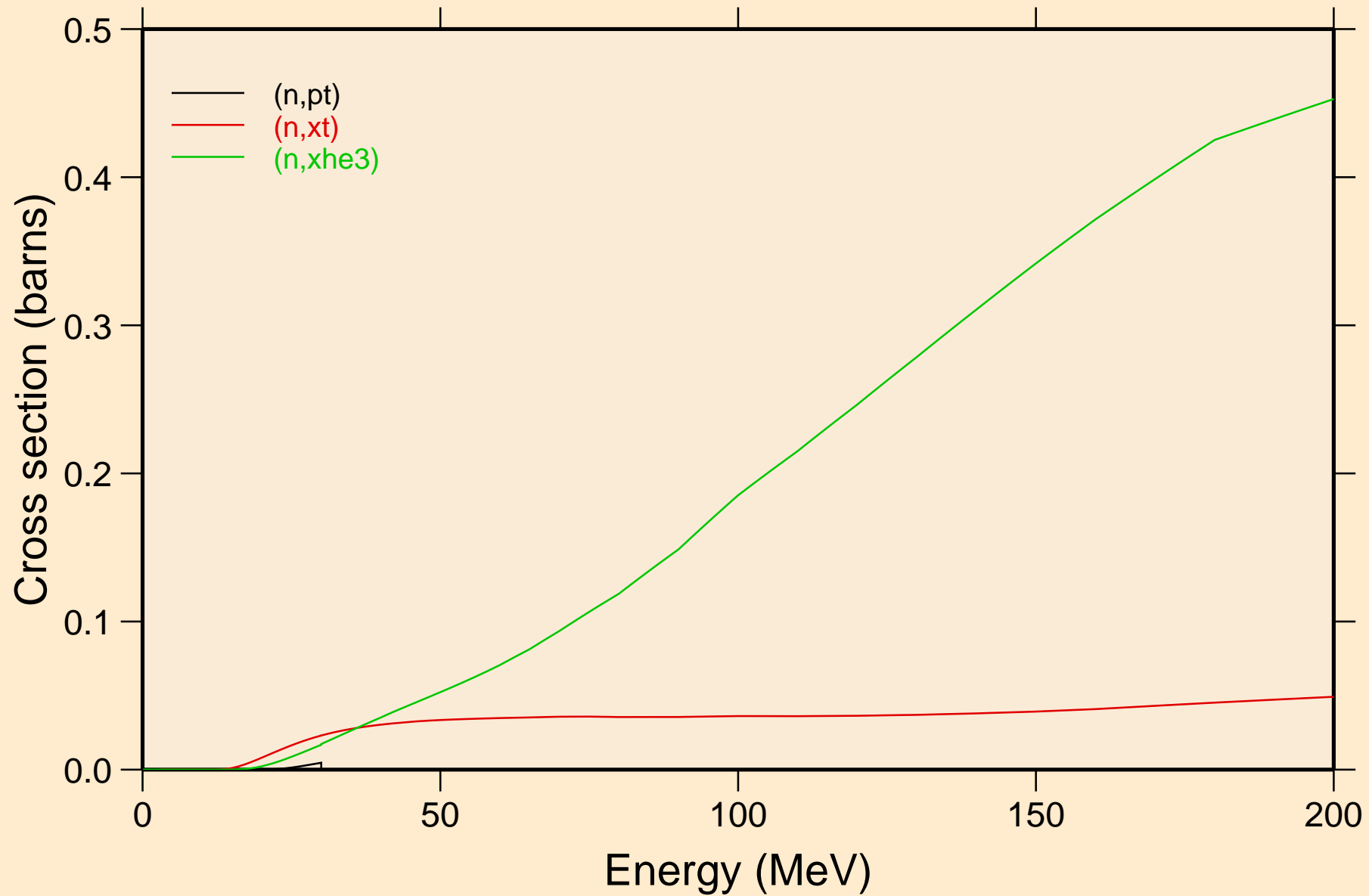
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Threshold reactions



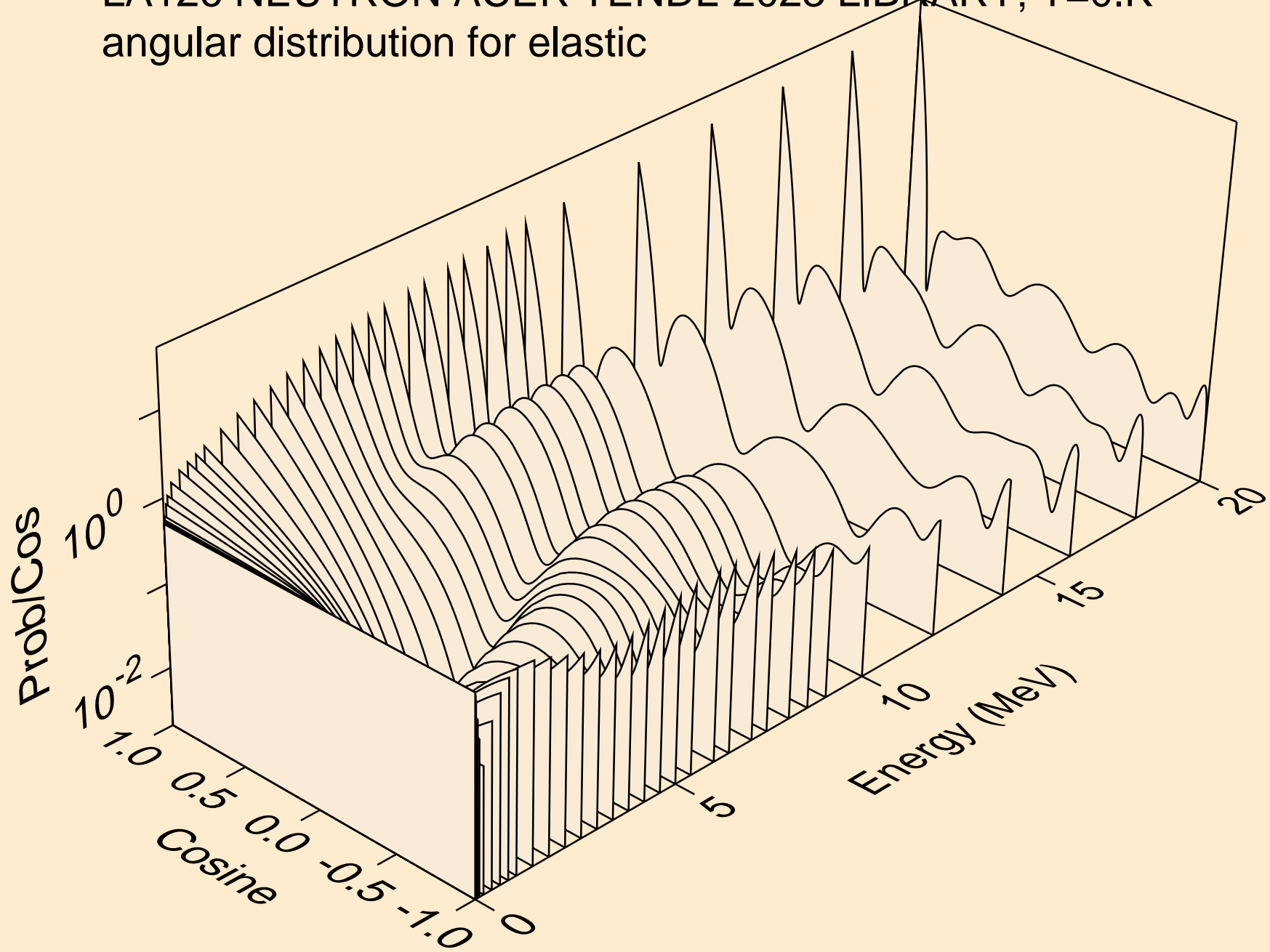
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



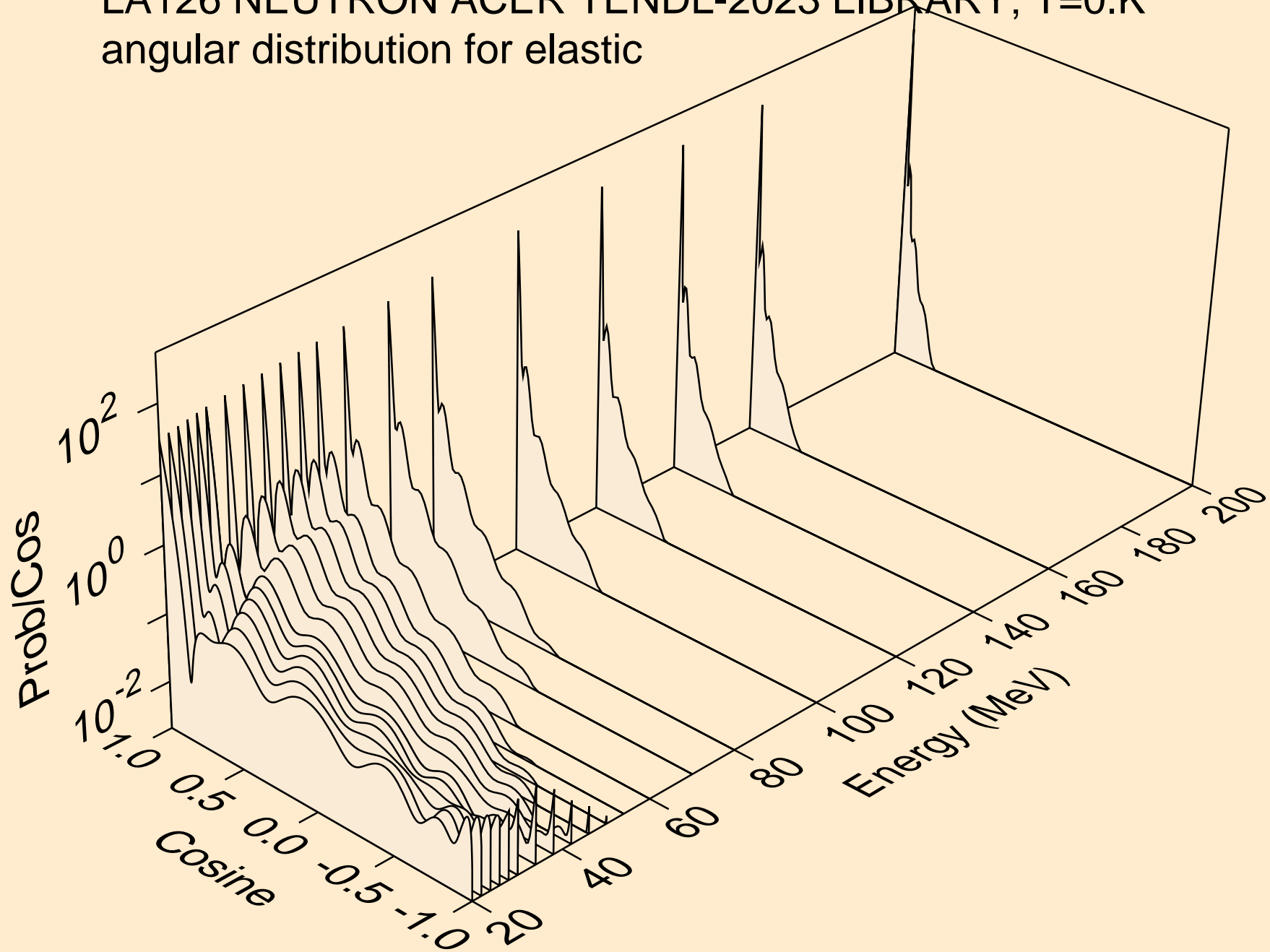
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



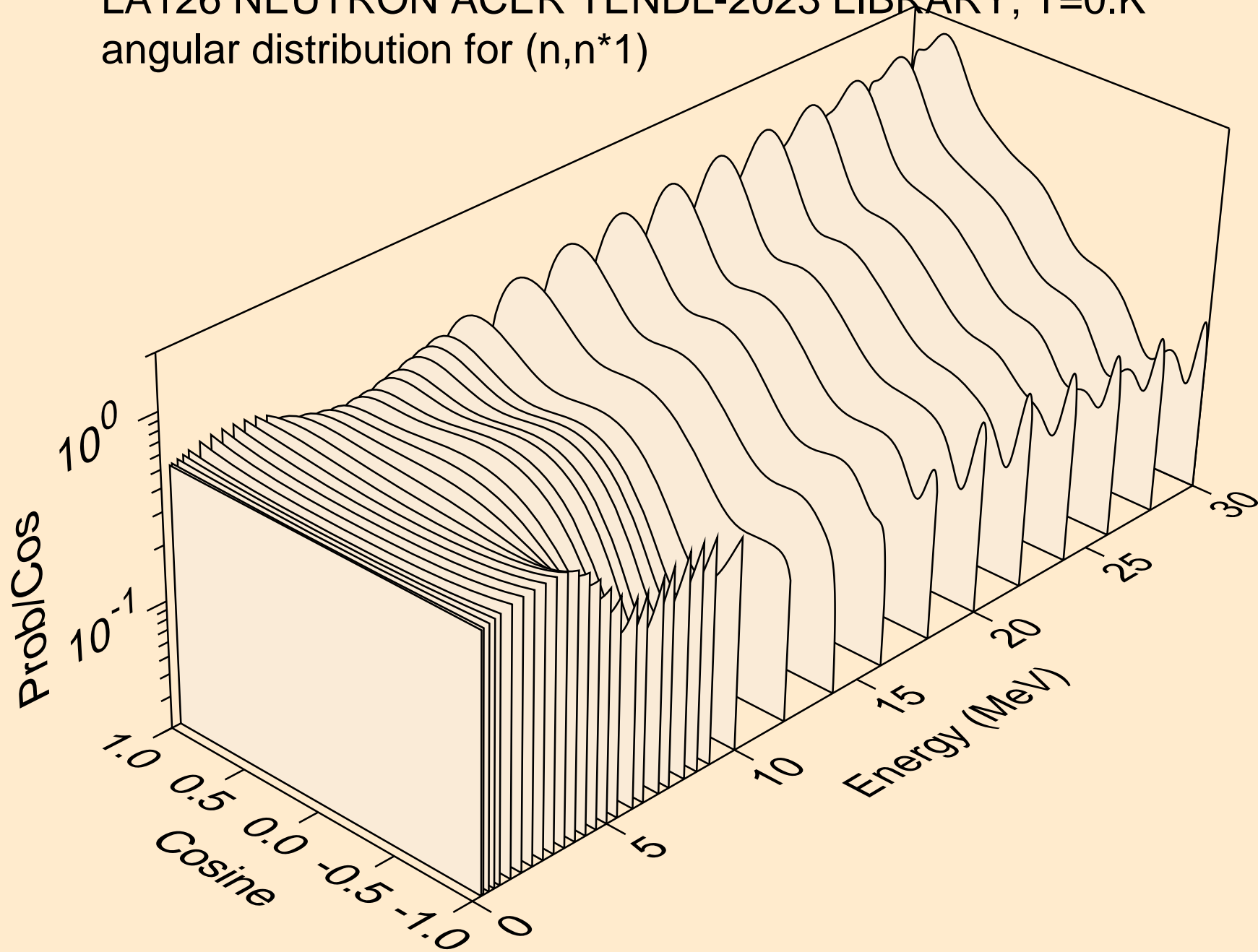
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



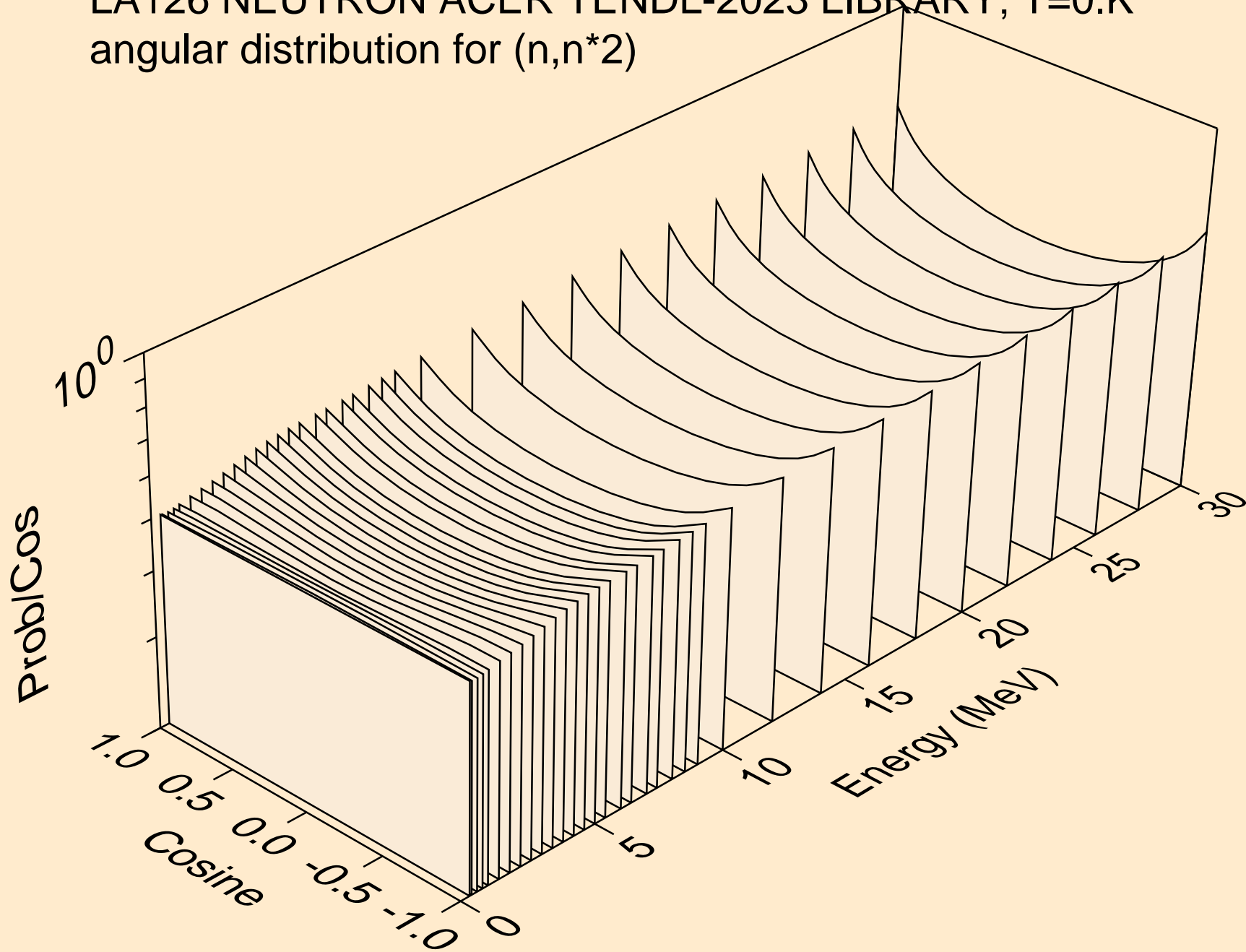
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

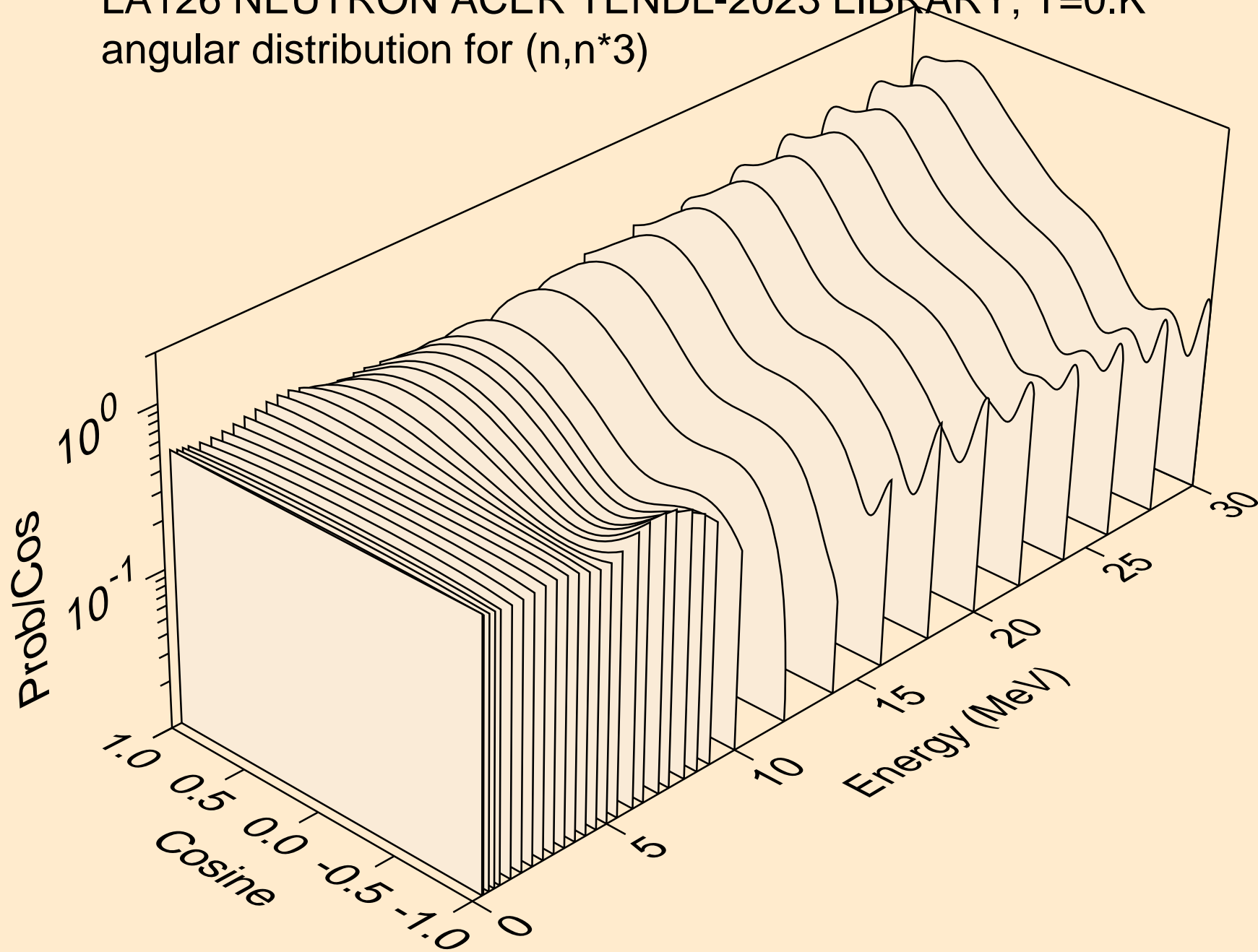


LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

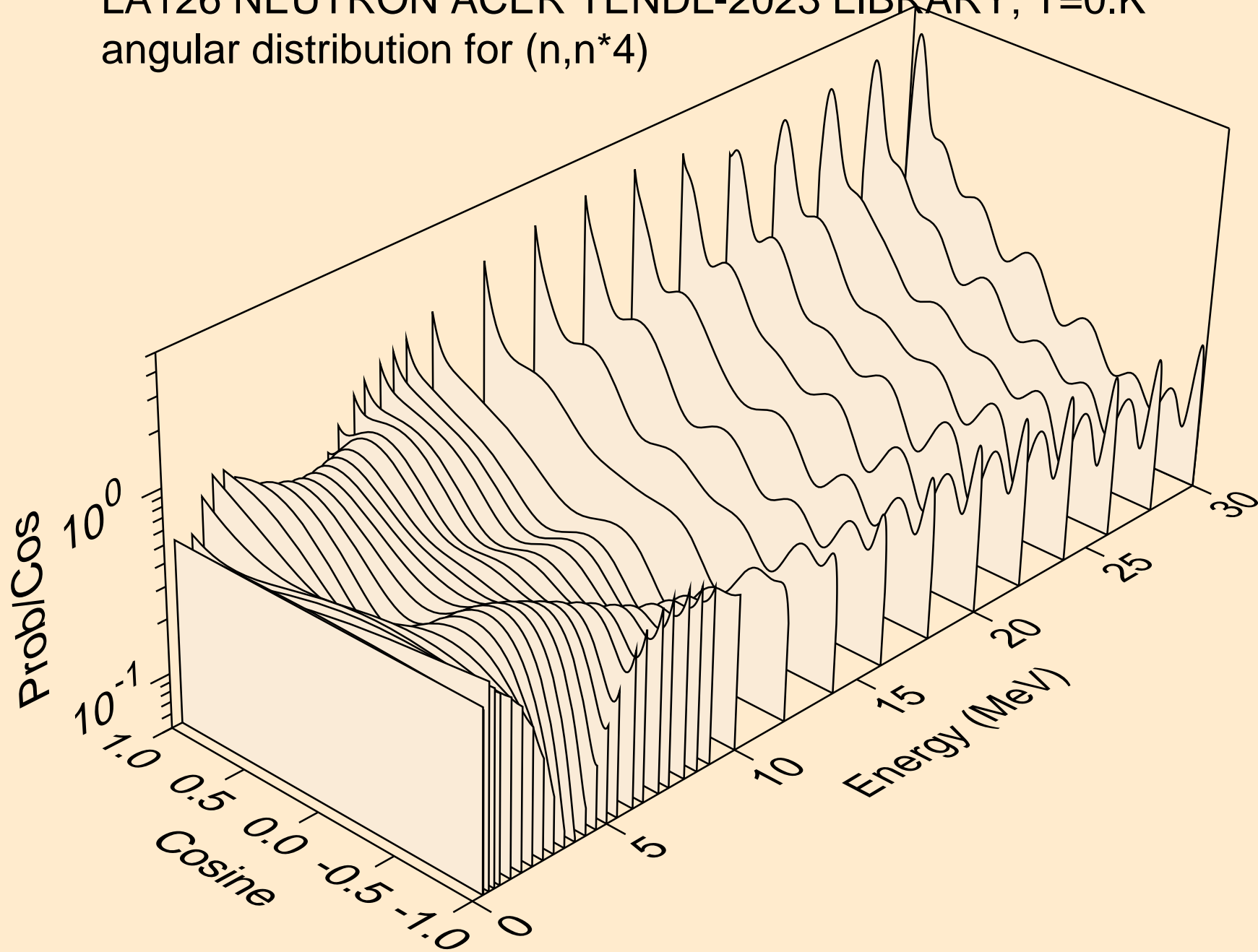




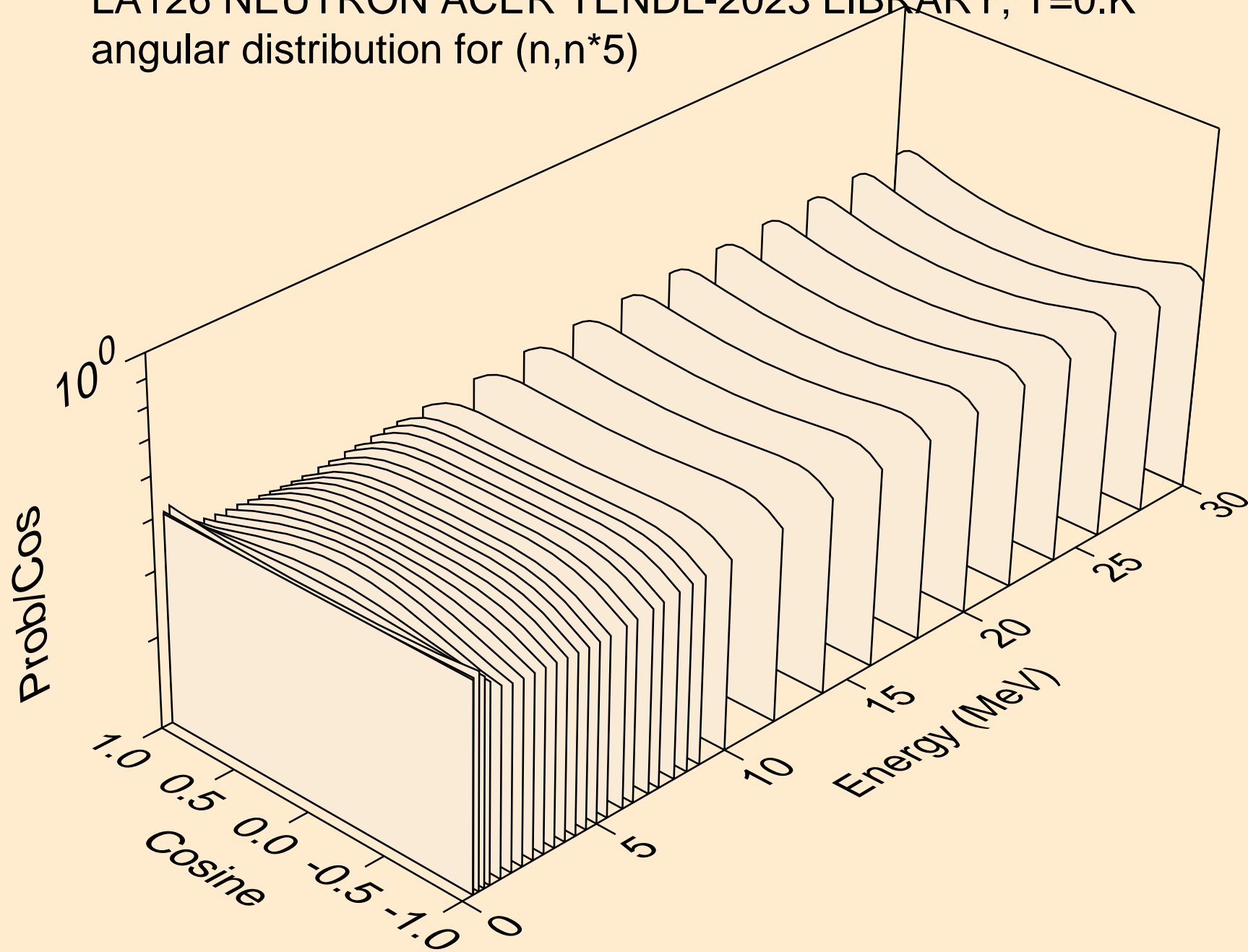
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angular distribution for (n,n\*3)



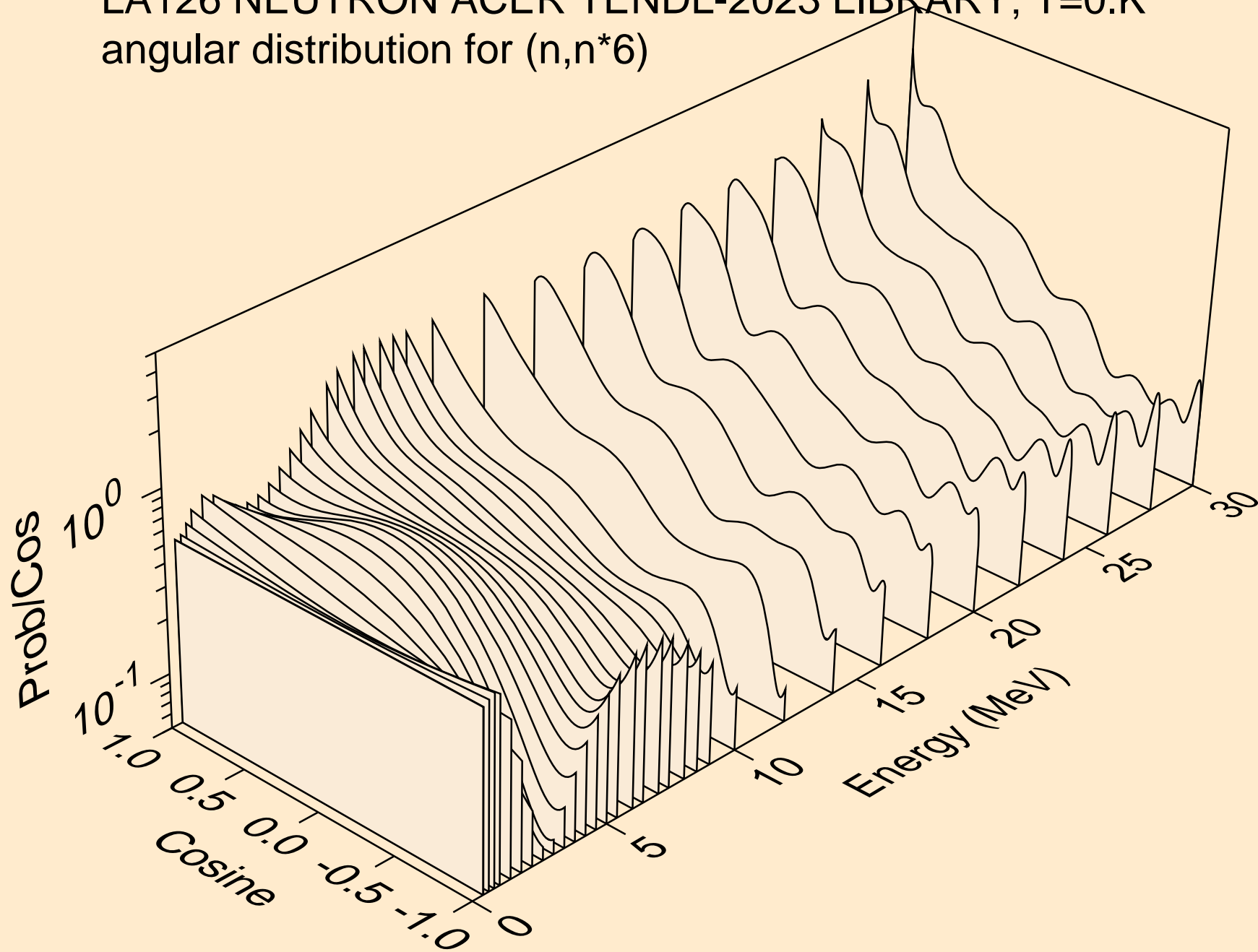
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angular distribution for (n,n\*4)



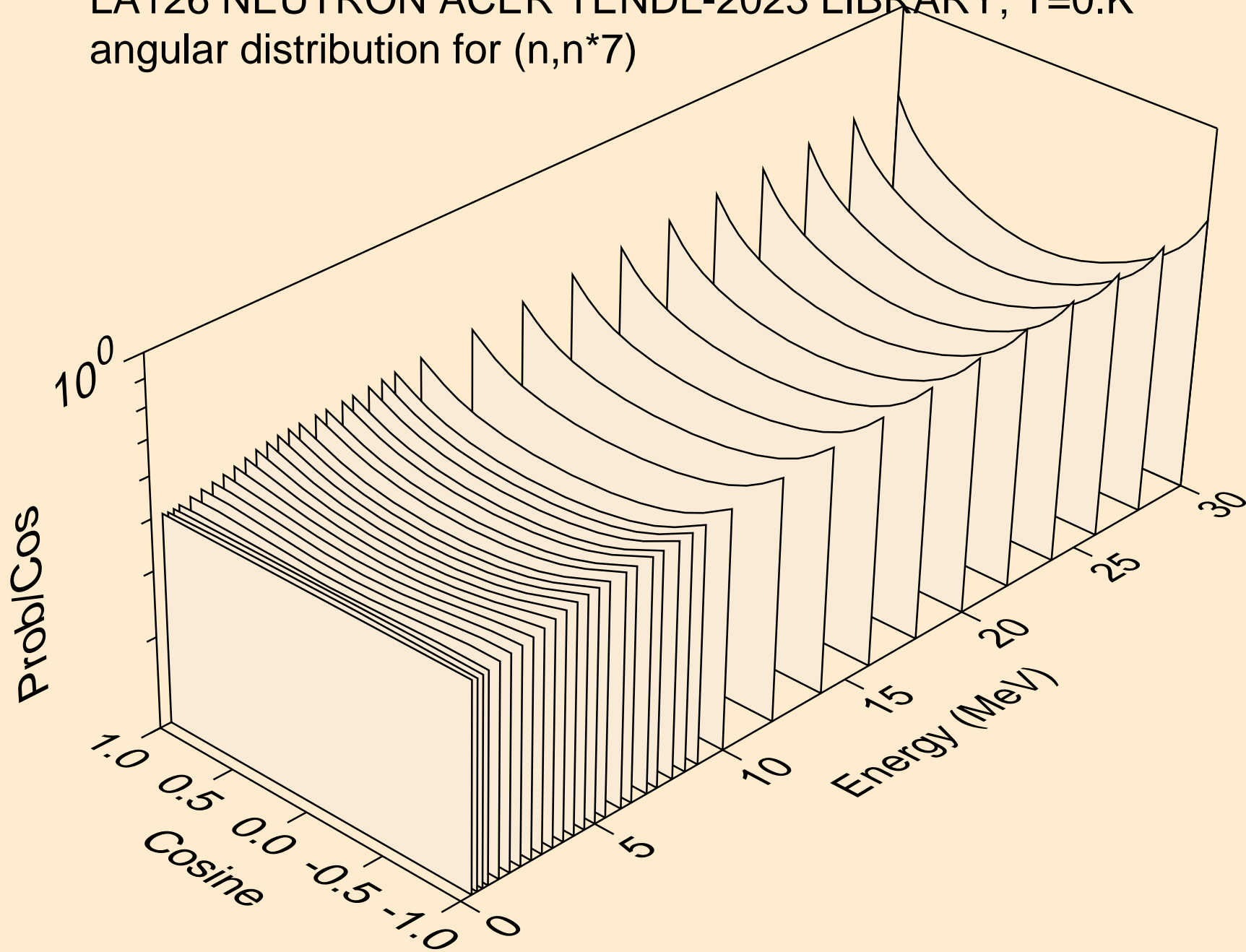
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angular distribution for (n,n\*5)



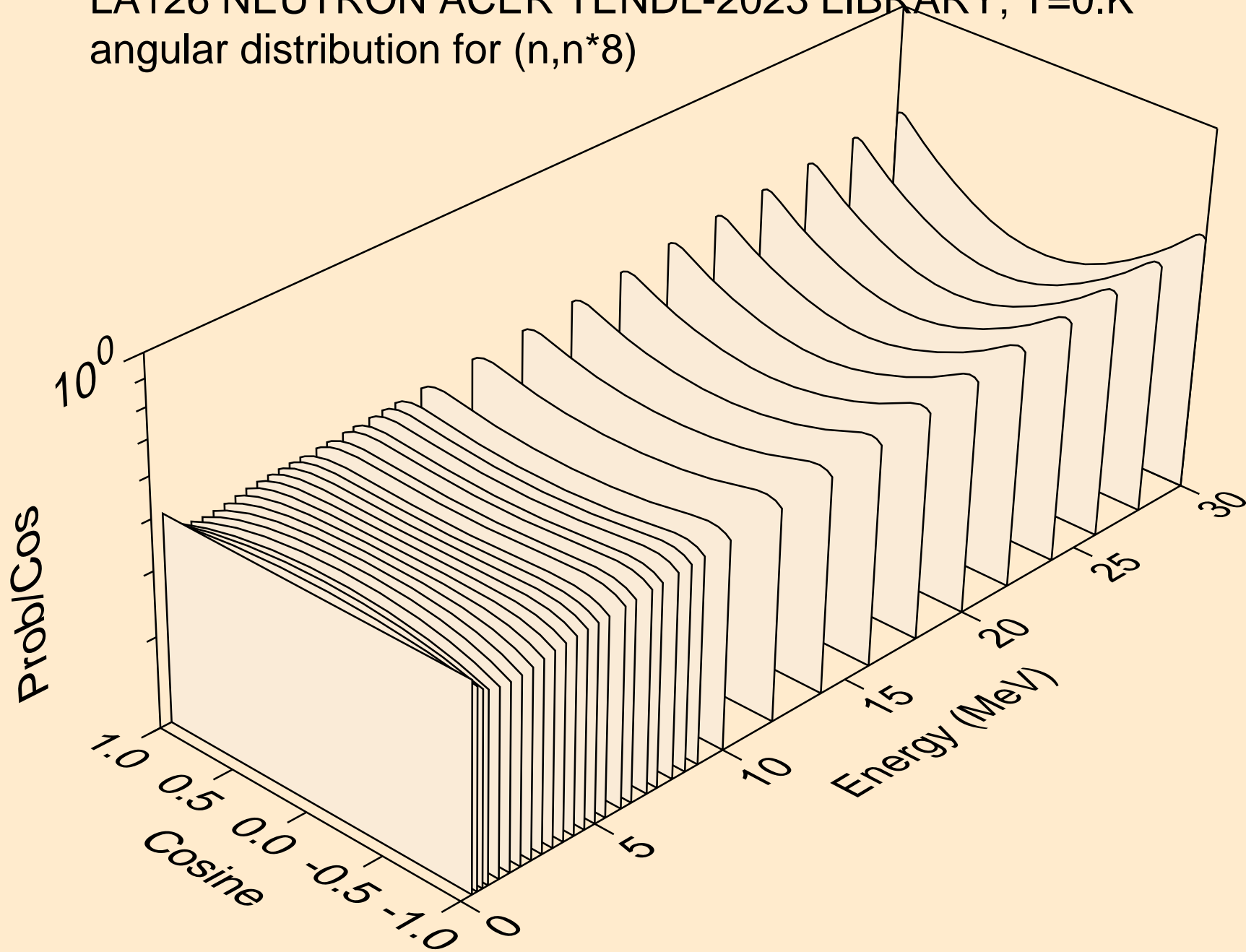
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angular distribution for (n,n\*6)



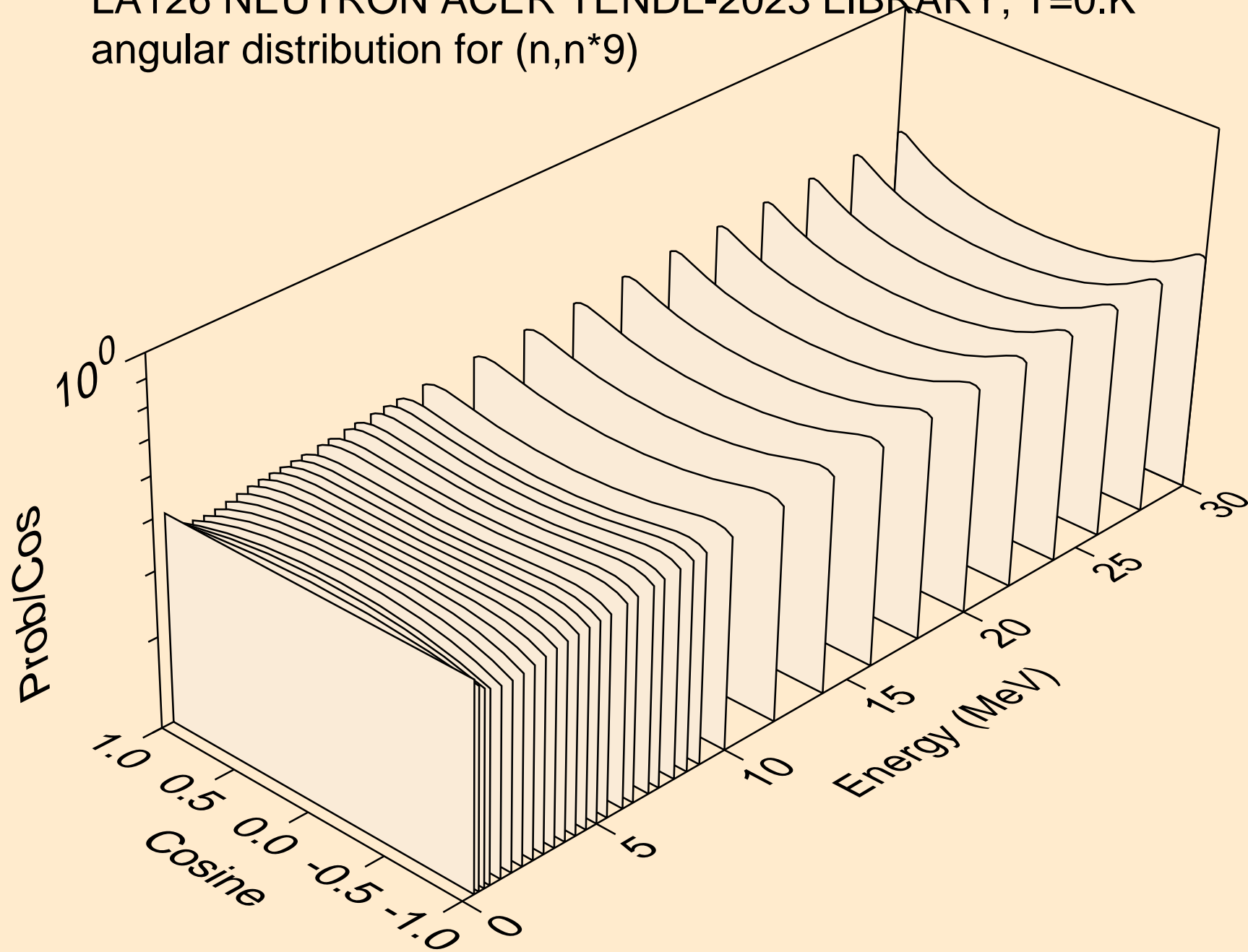
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angular distribution for (n,n\*7)



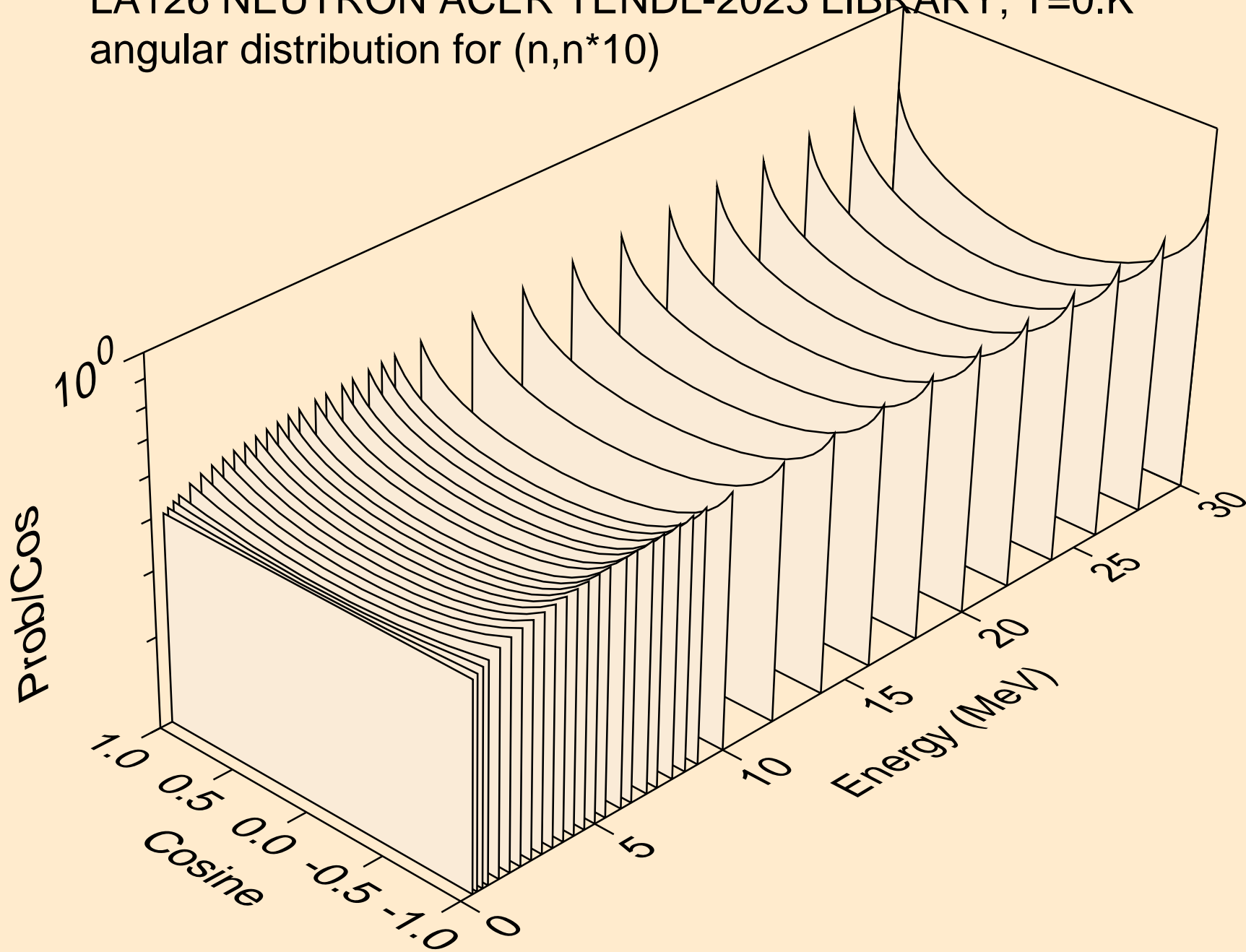
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

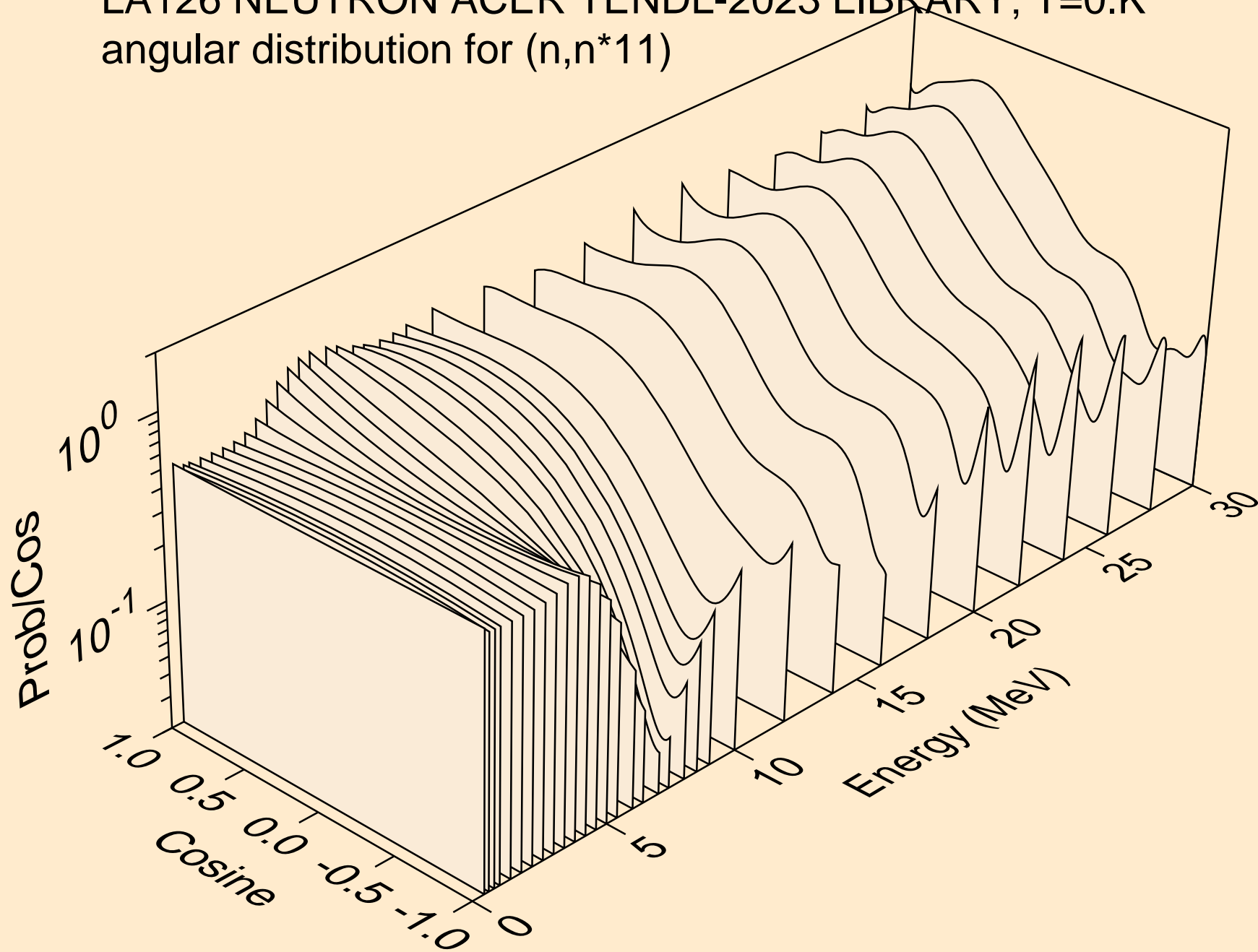


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angular distribution for (n,n\*10)

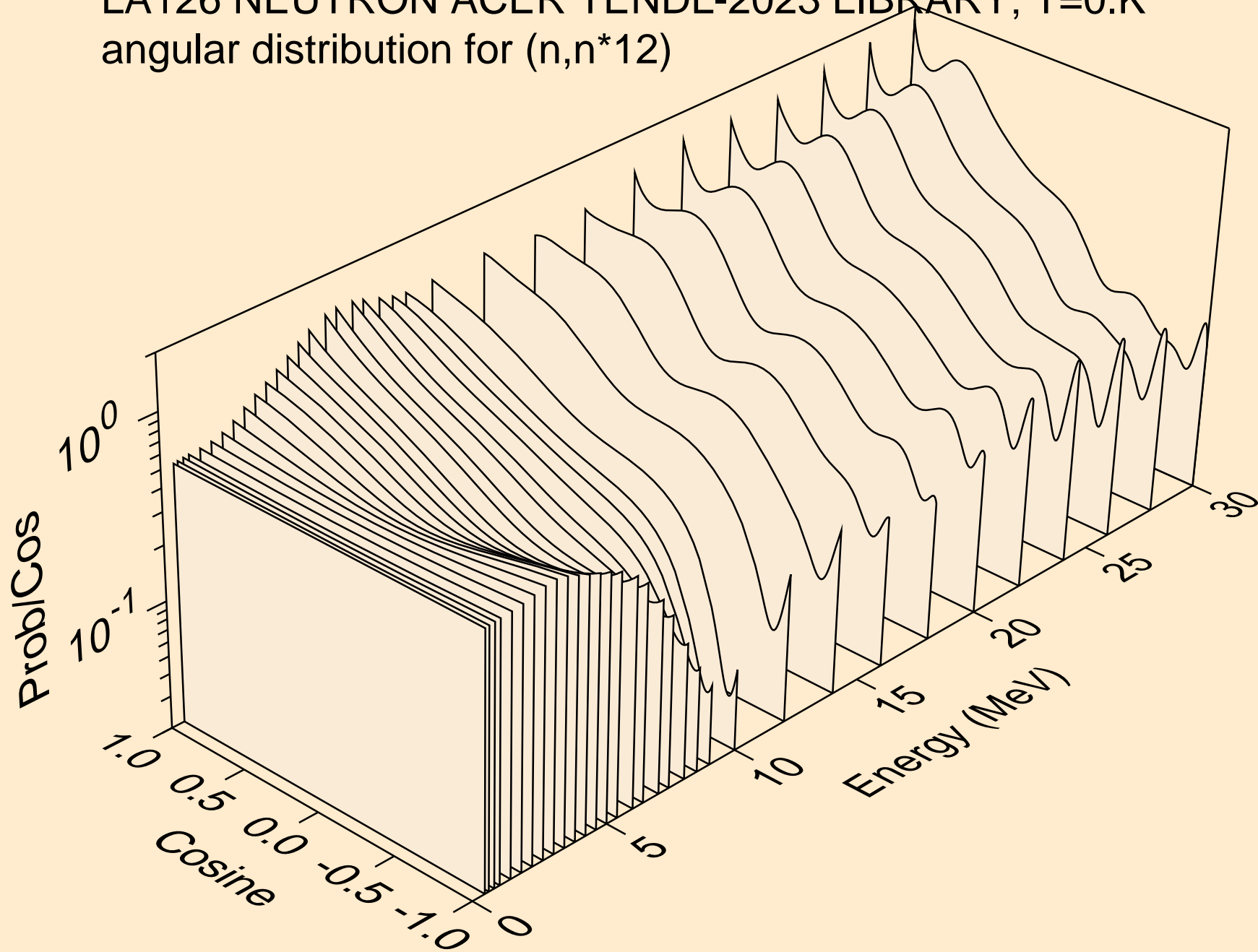




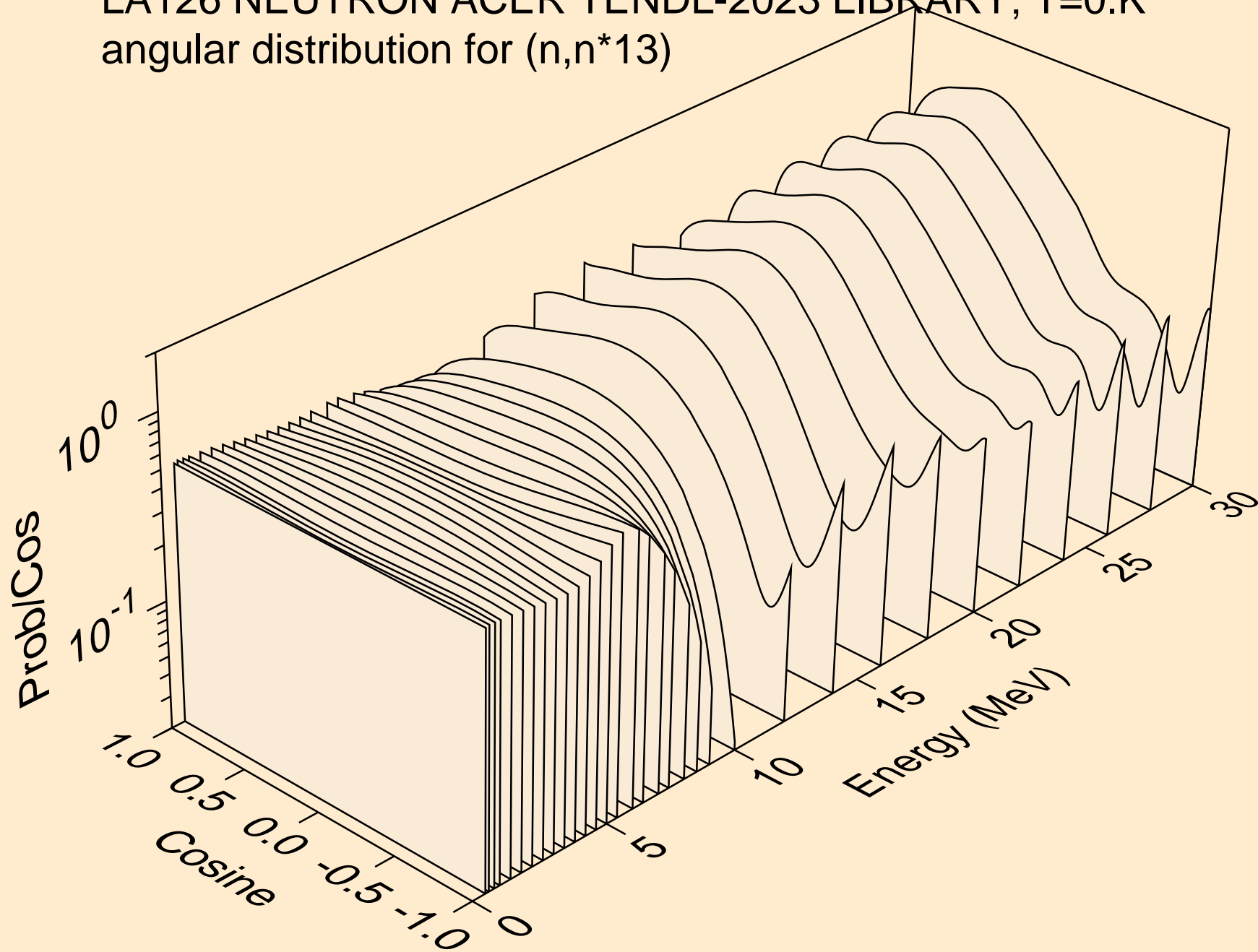
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angular distribution for (n,n\*11)



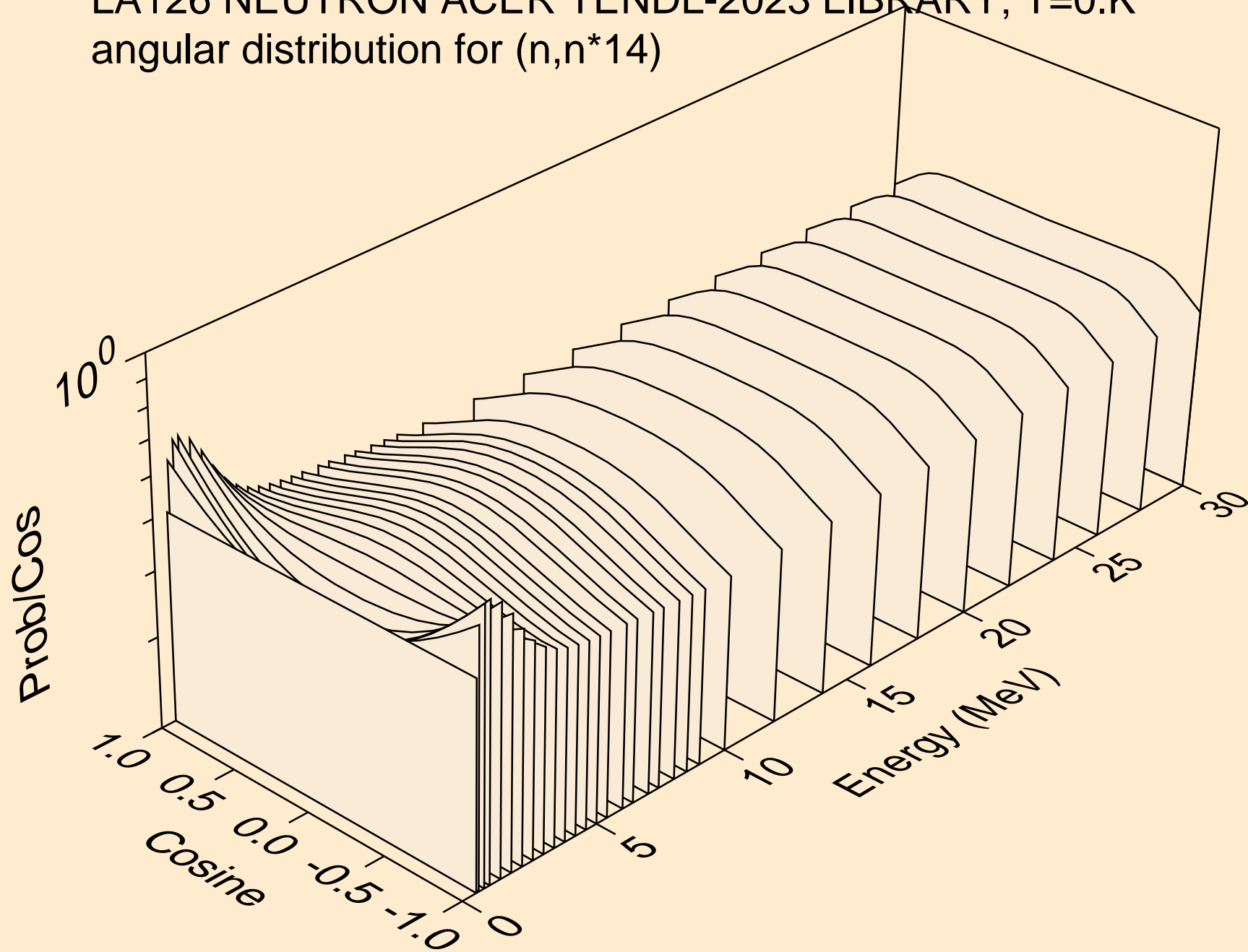
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angular distribution for (n,n\*12)



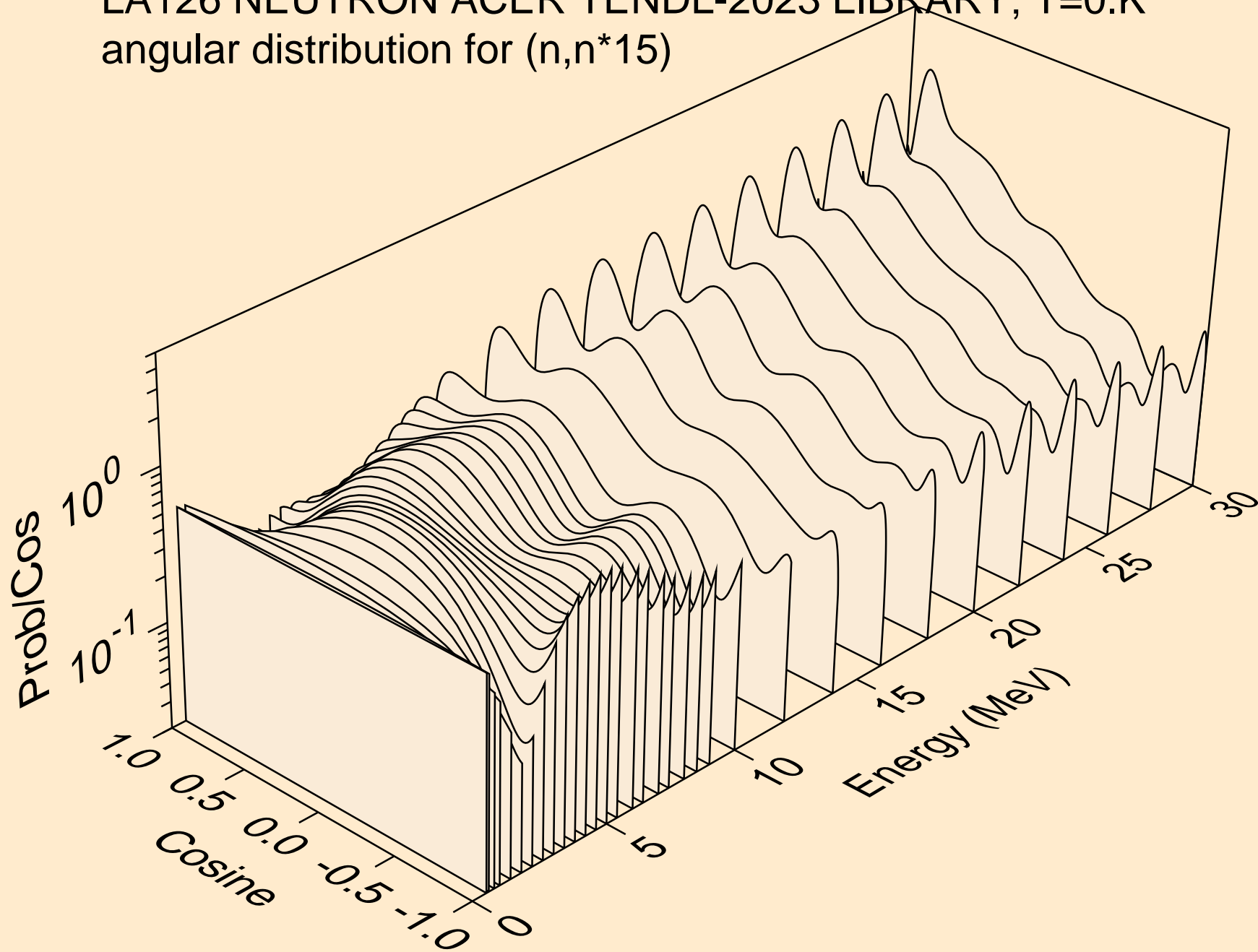
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angular distribution for (n,n\*13)



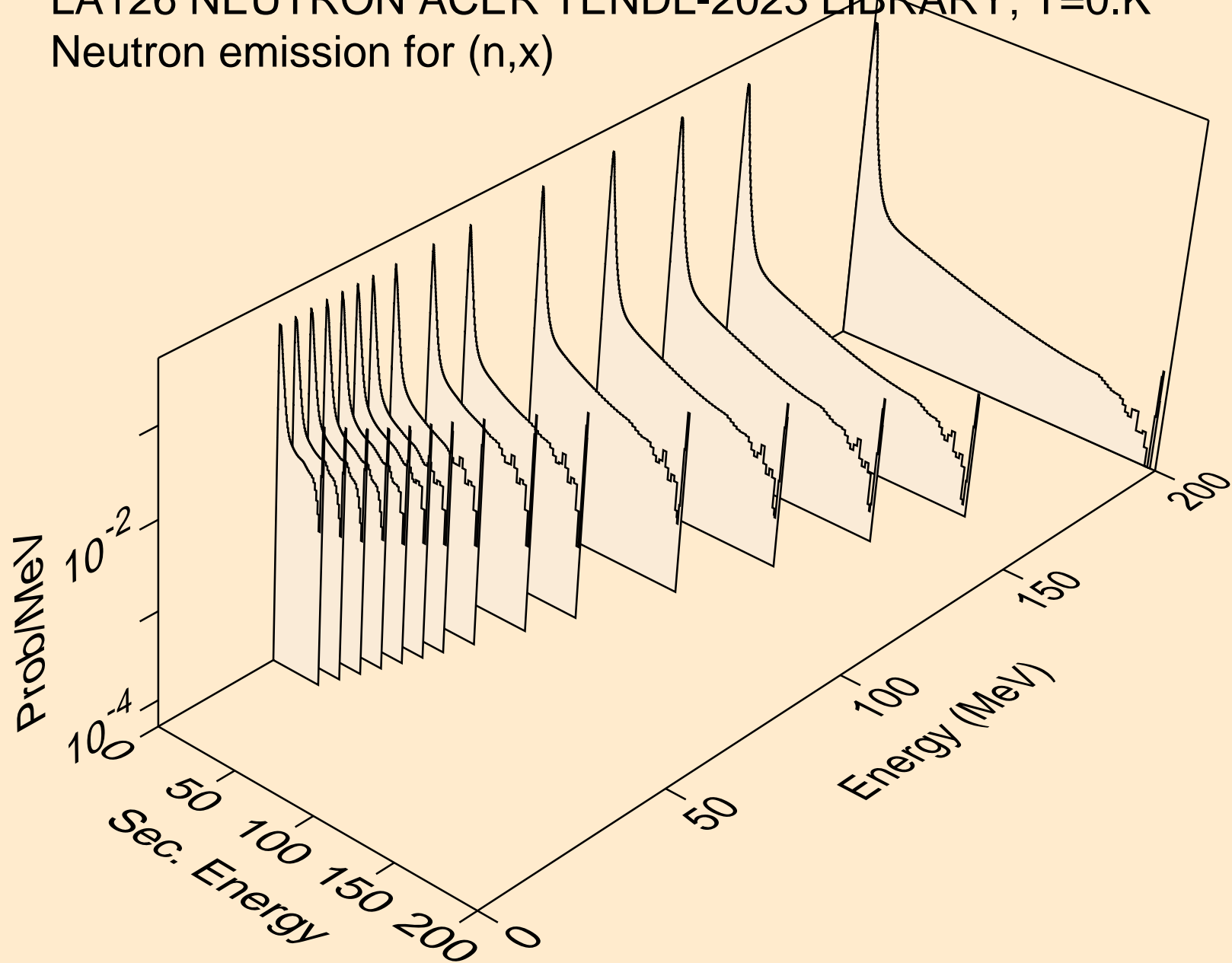
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angular distribution for (n,n\*14)



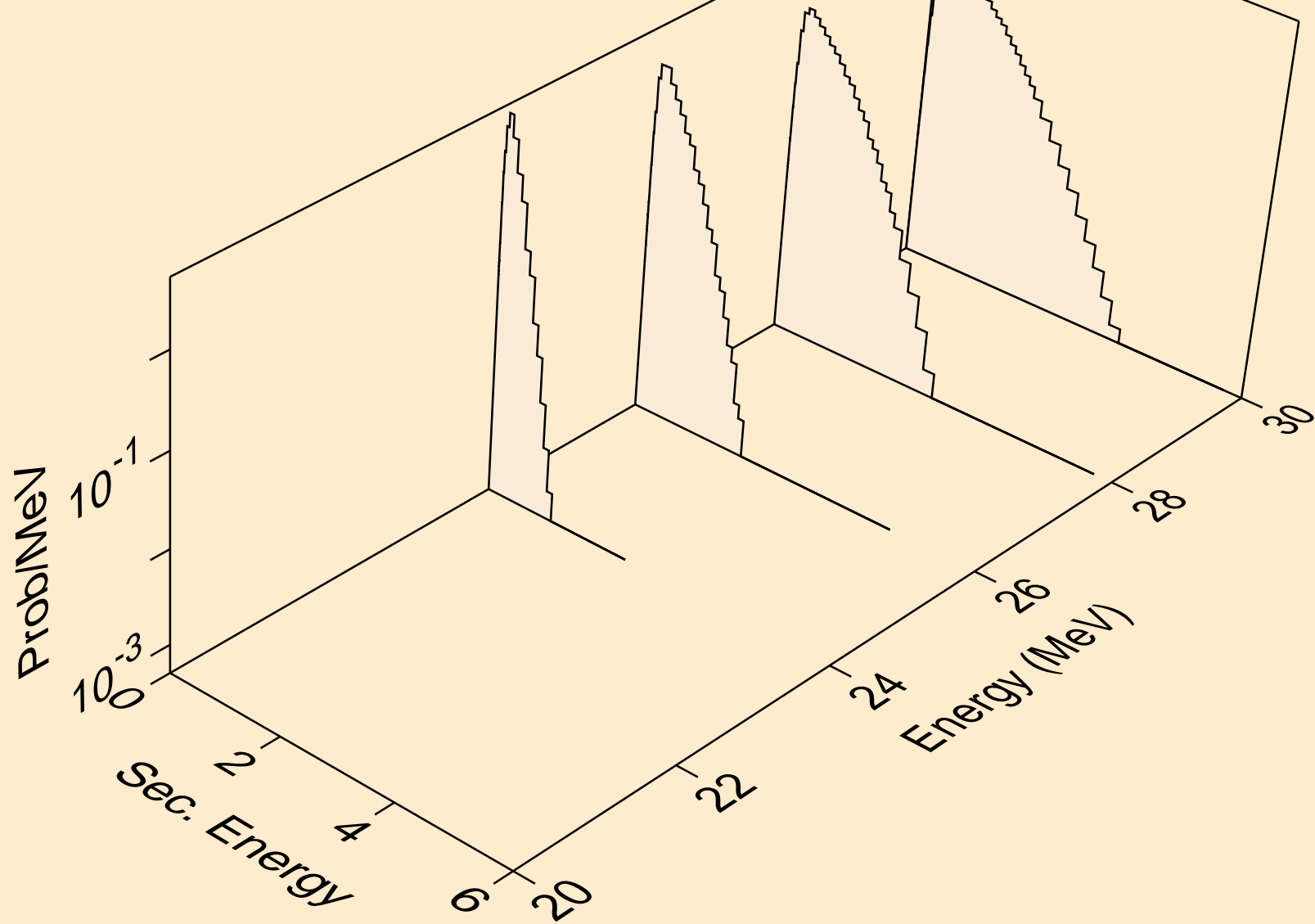
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angular distribution for (n,n\*15)



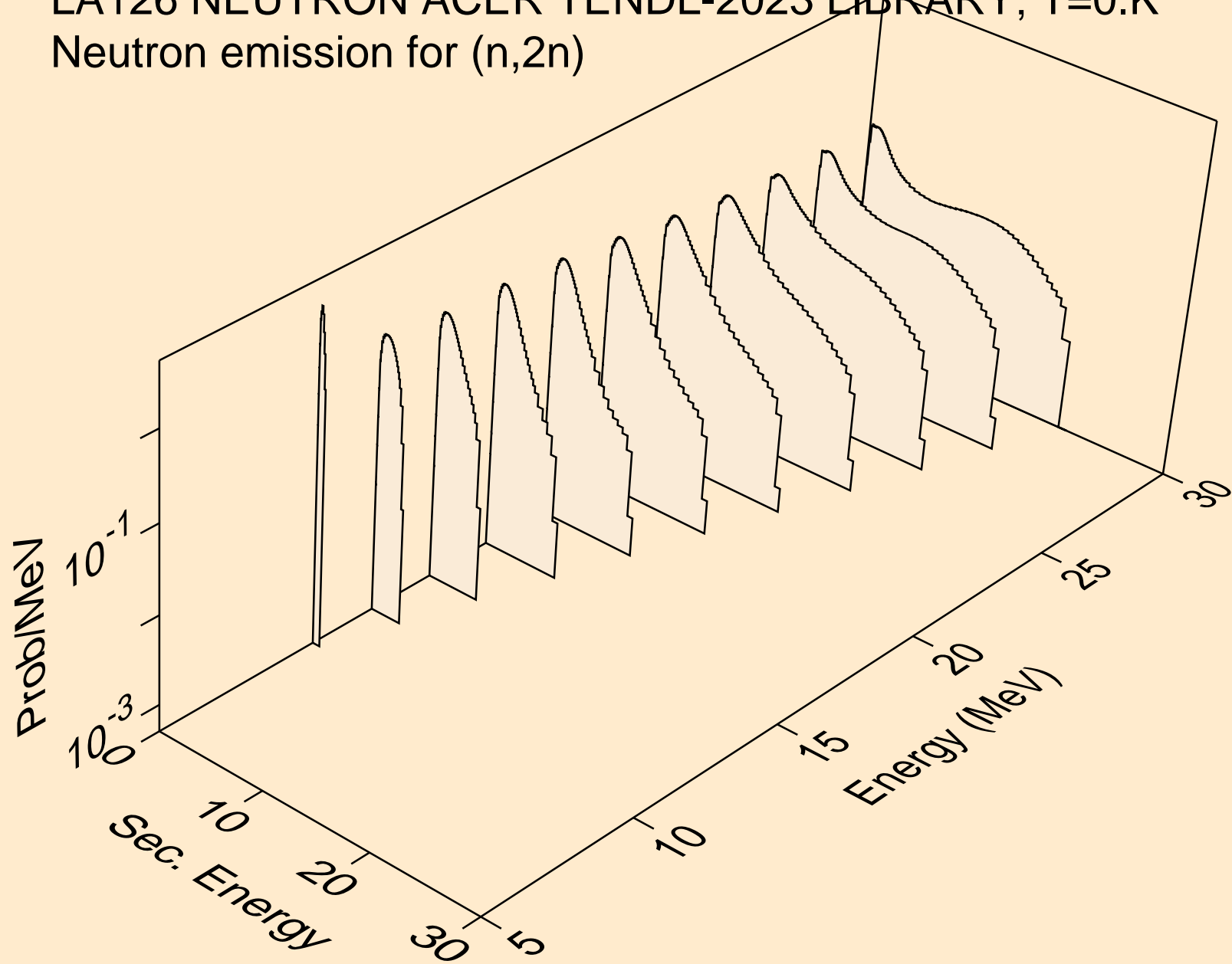
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

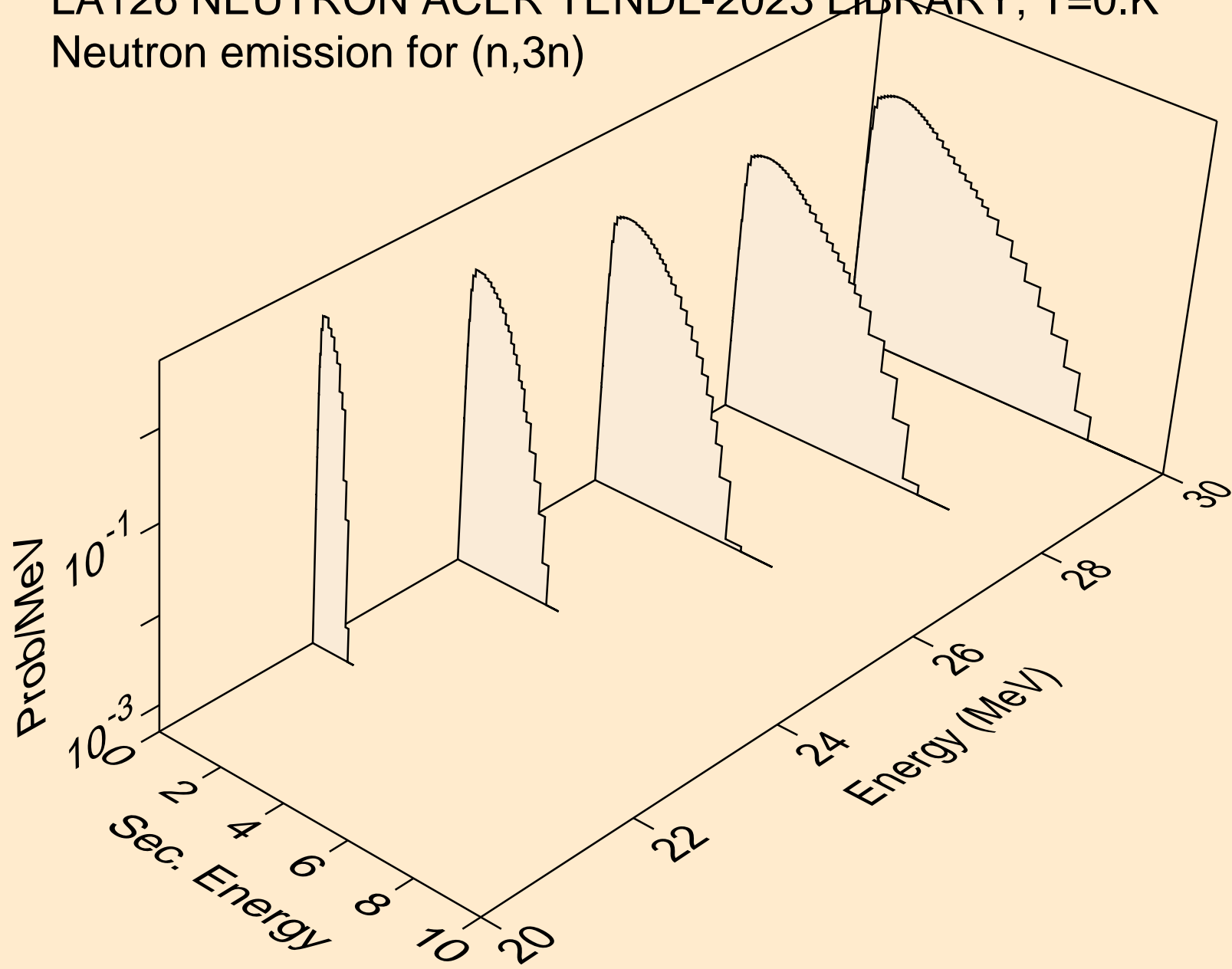


LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

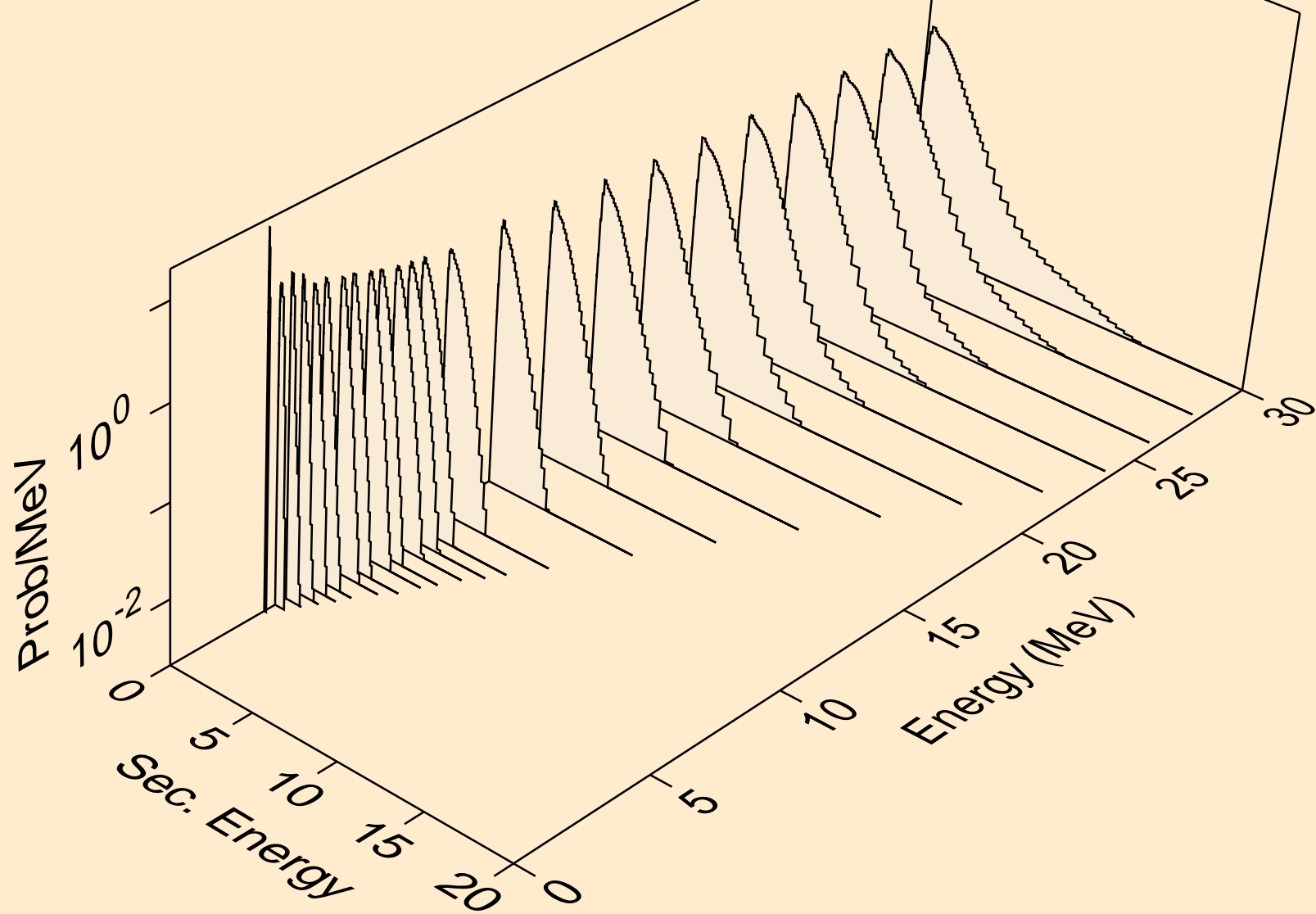




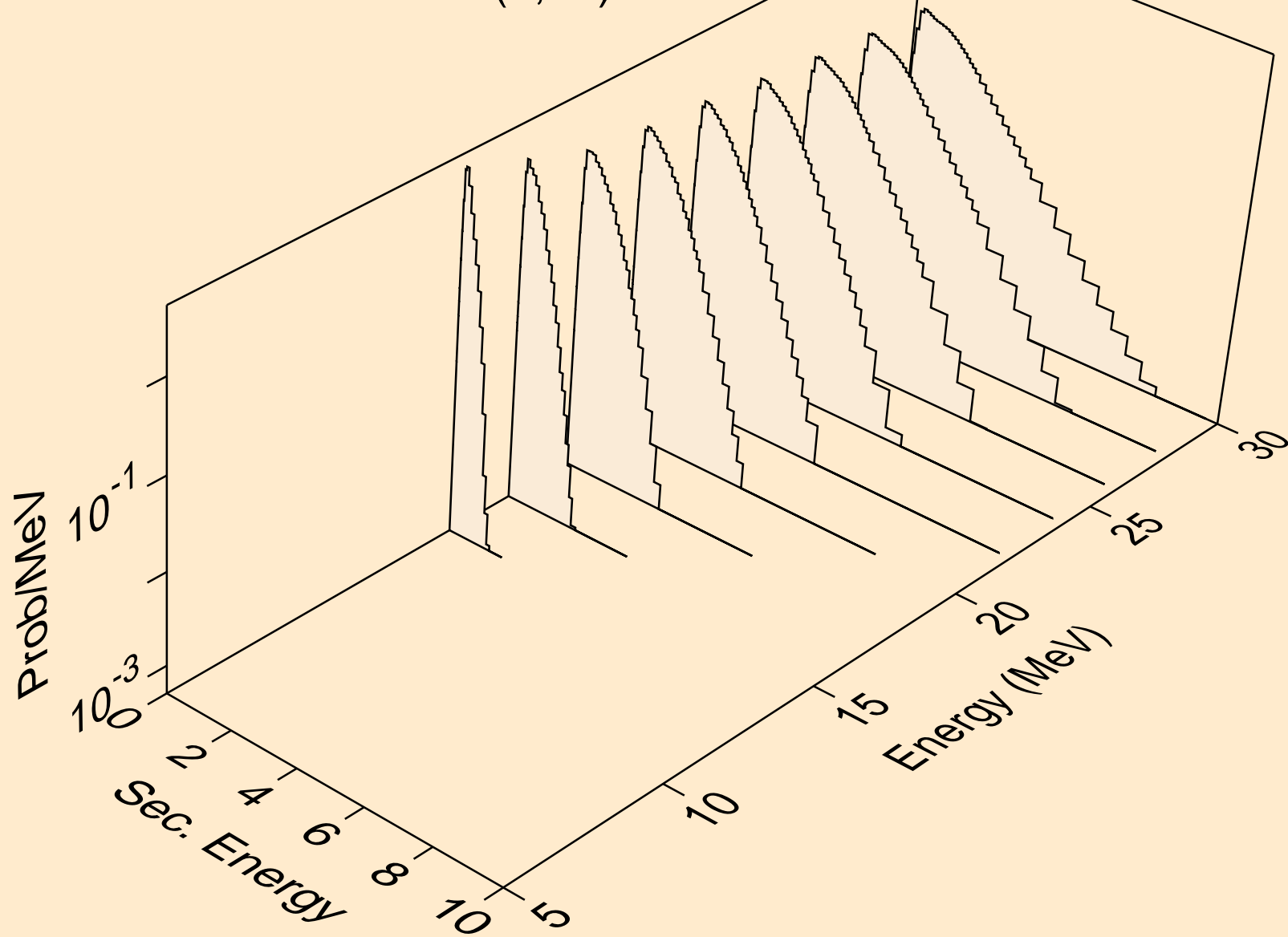
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Neutron emission for (n,3n)



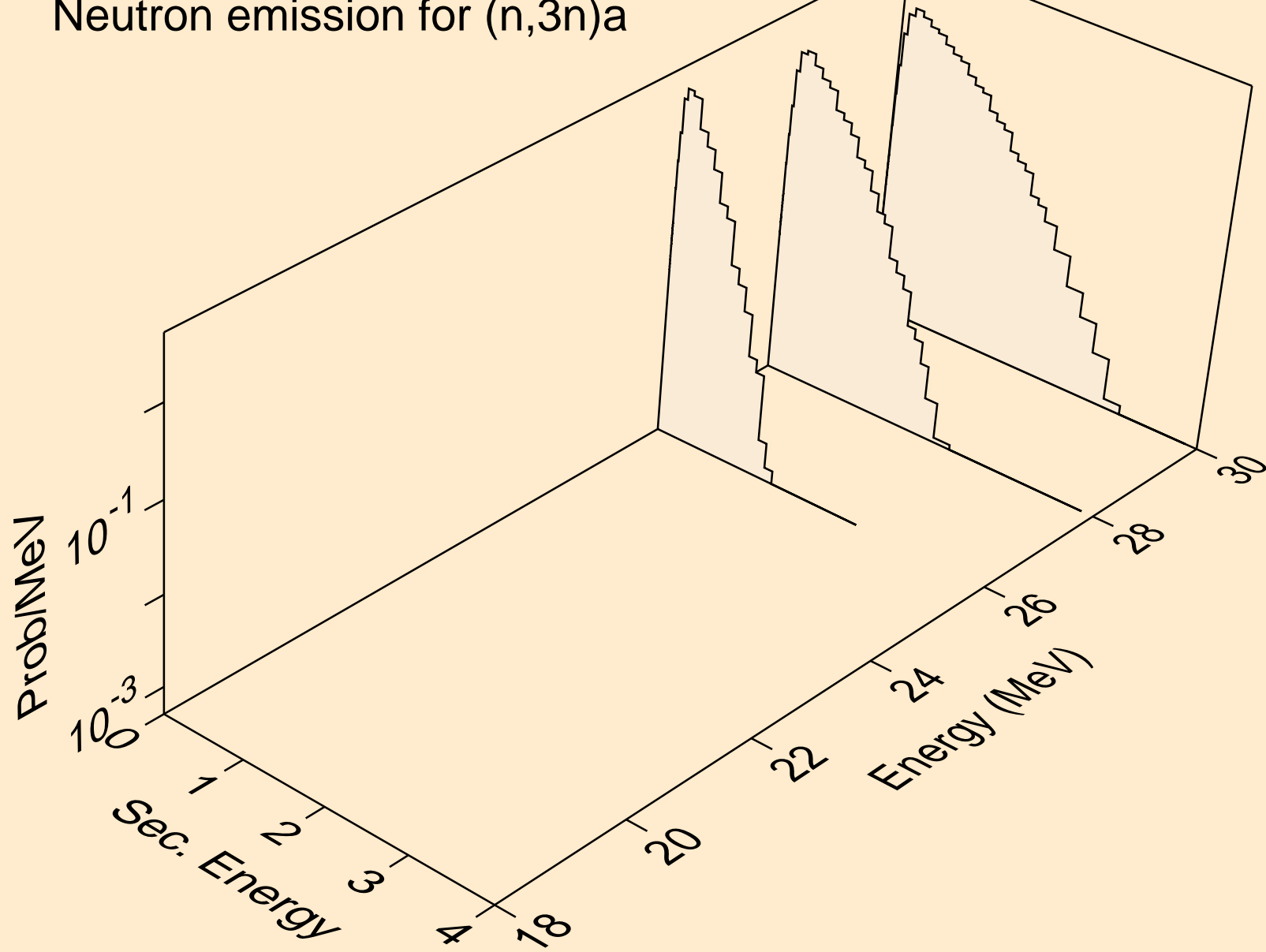
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



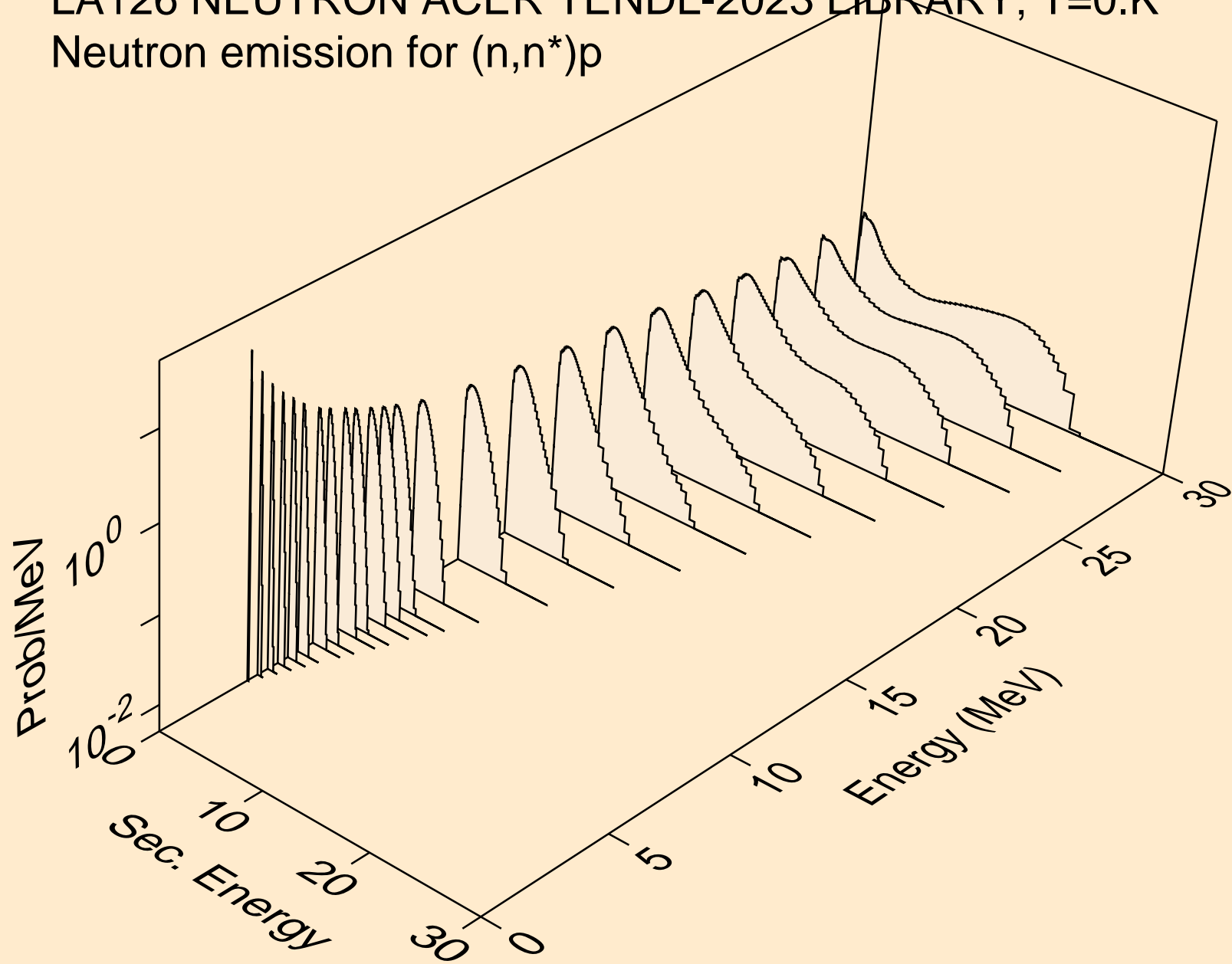
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



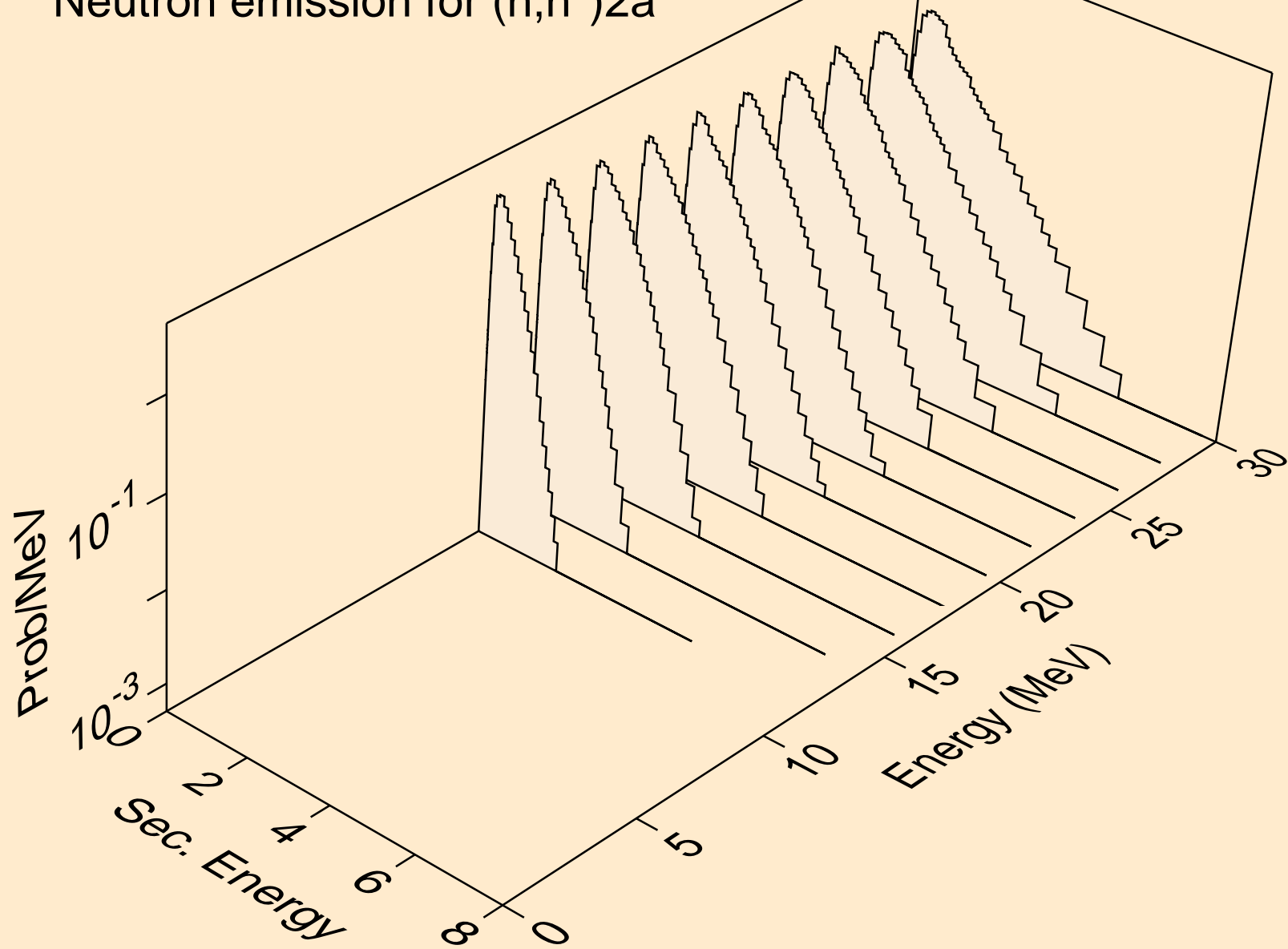
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Neutron emission for (n,3n)a



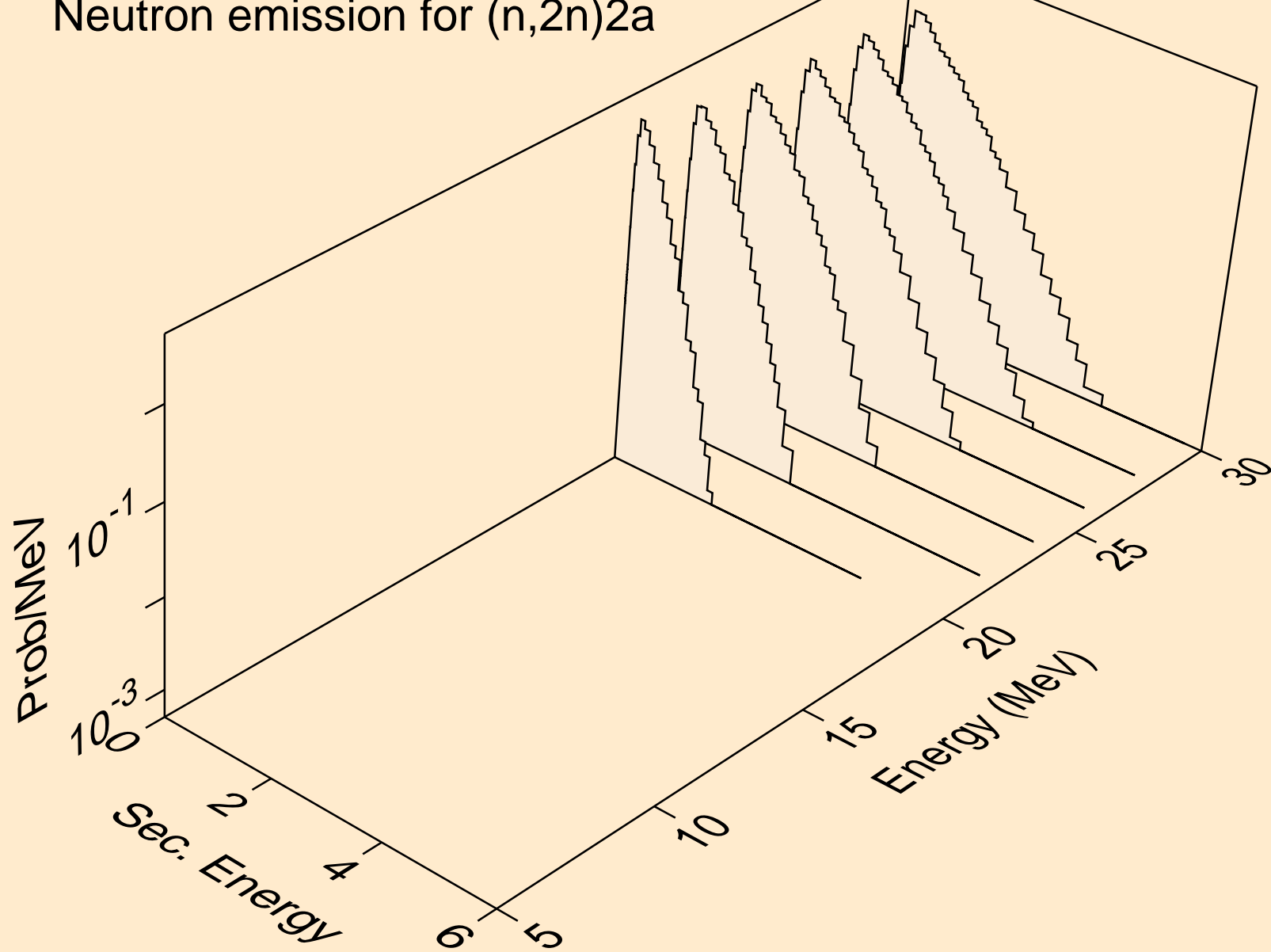
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Neutron emission for (n,n\*)p



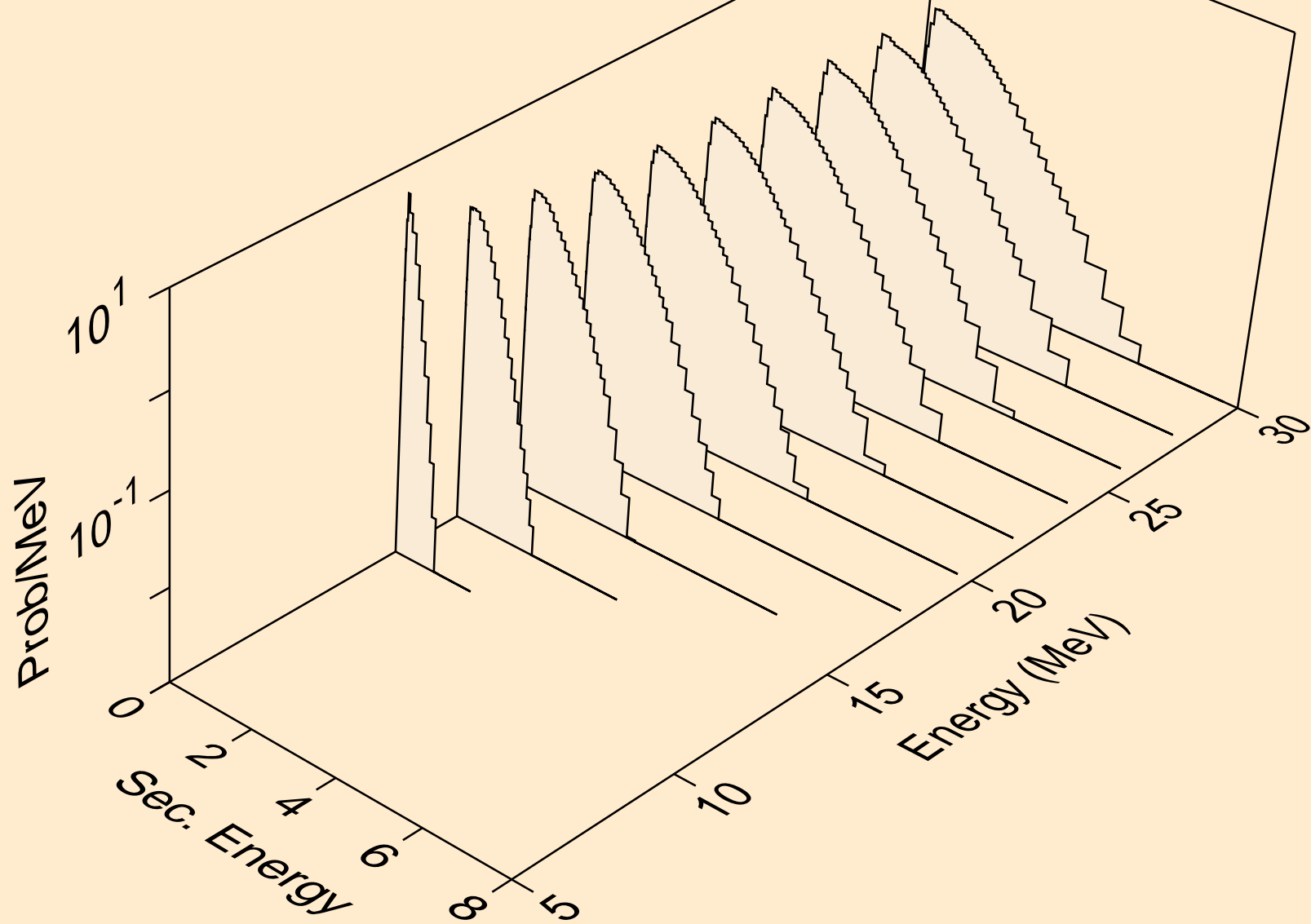
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

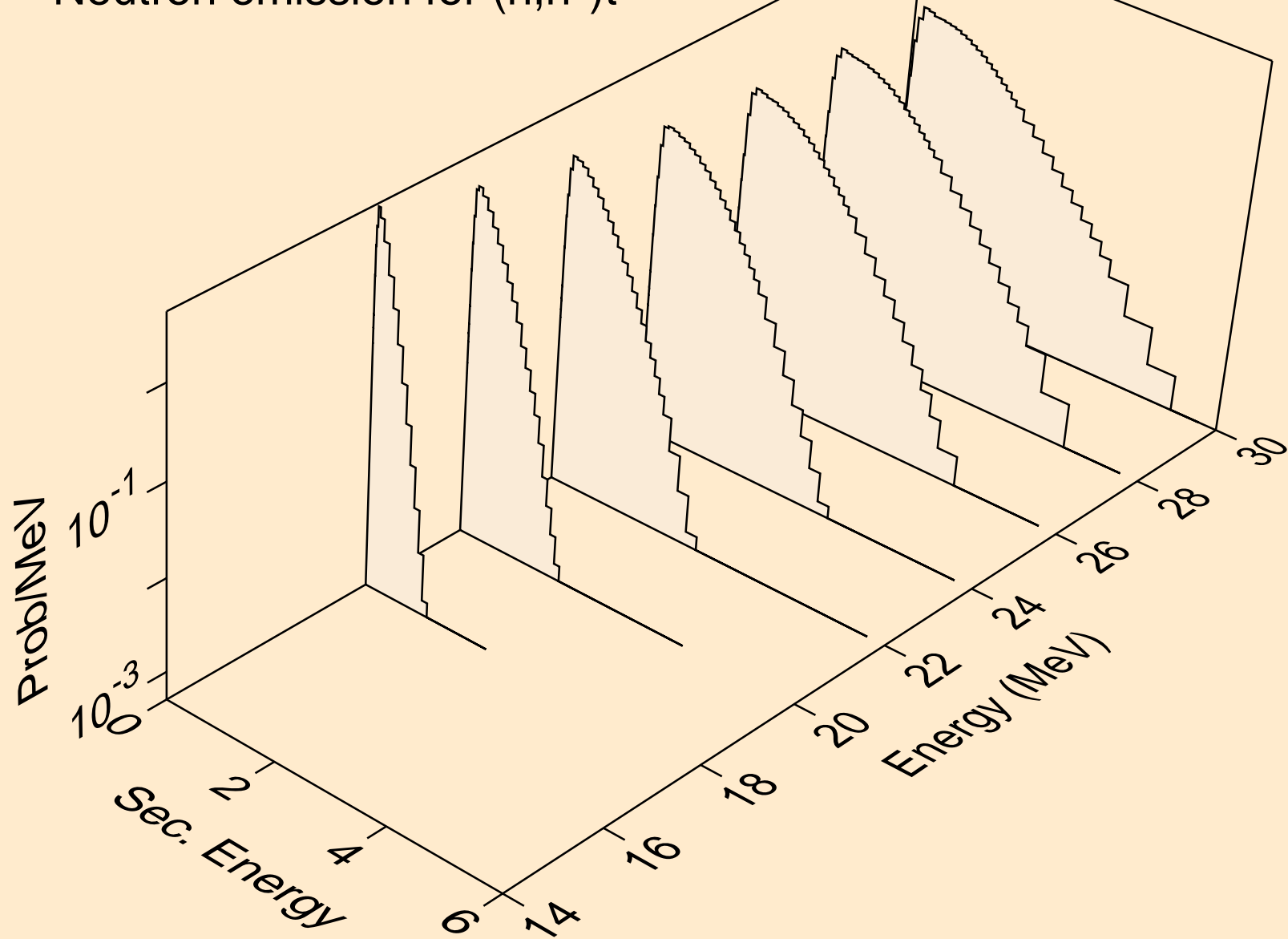


LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

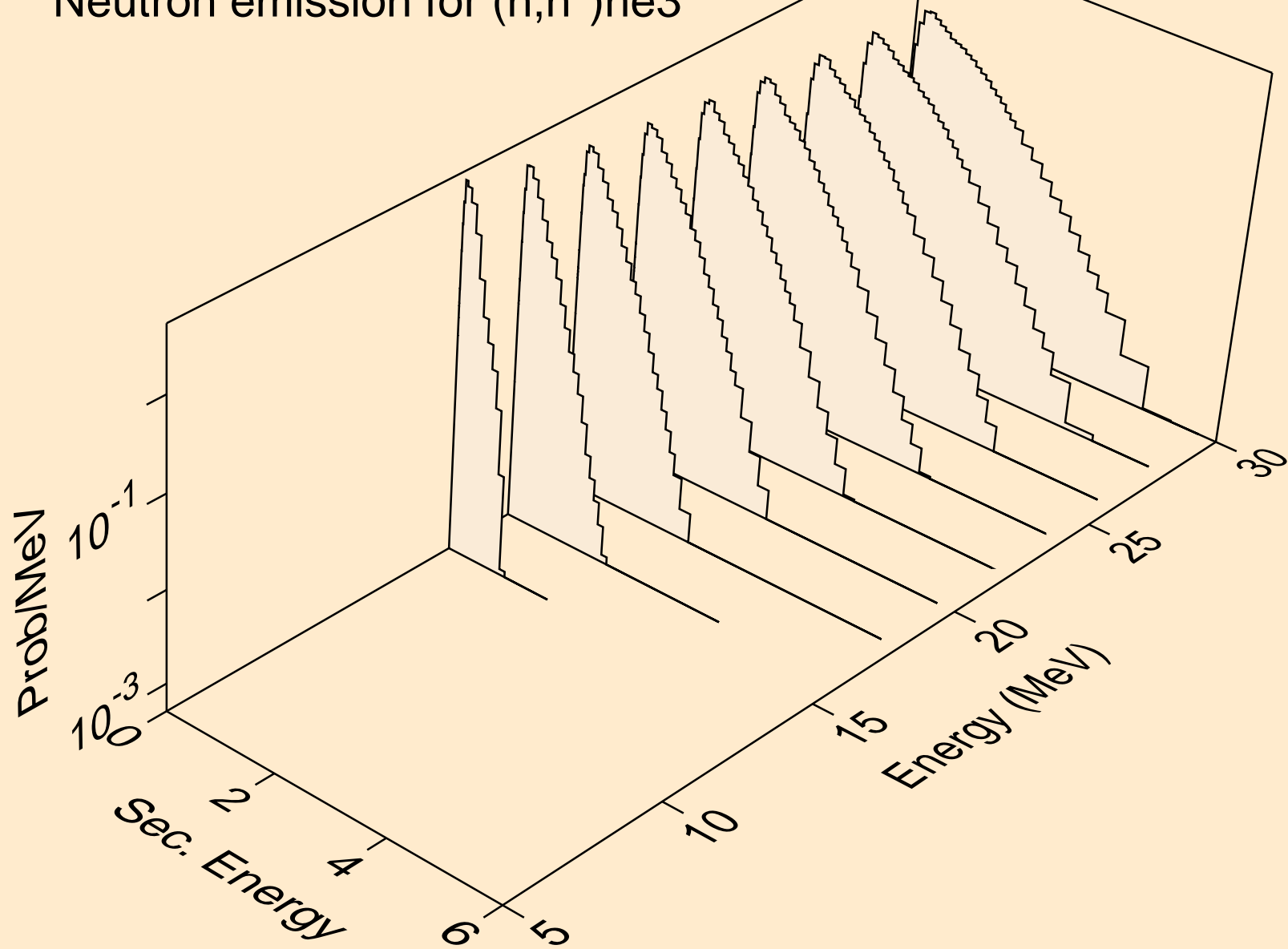




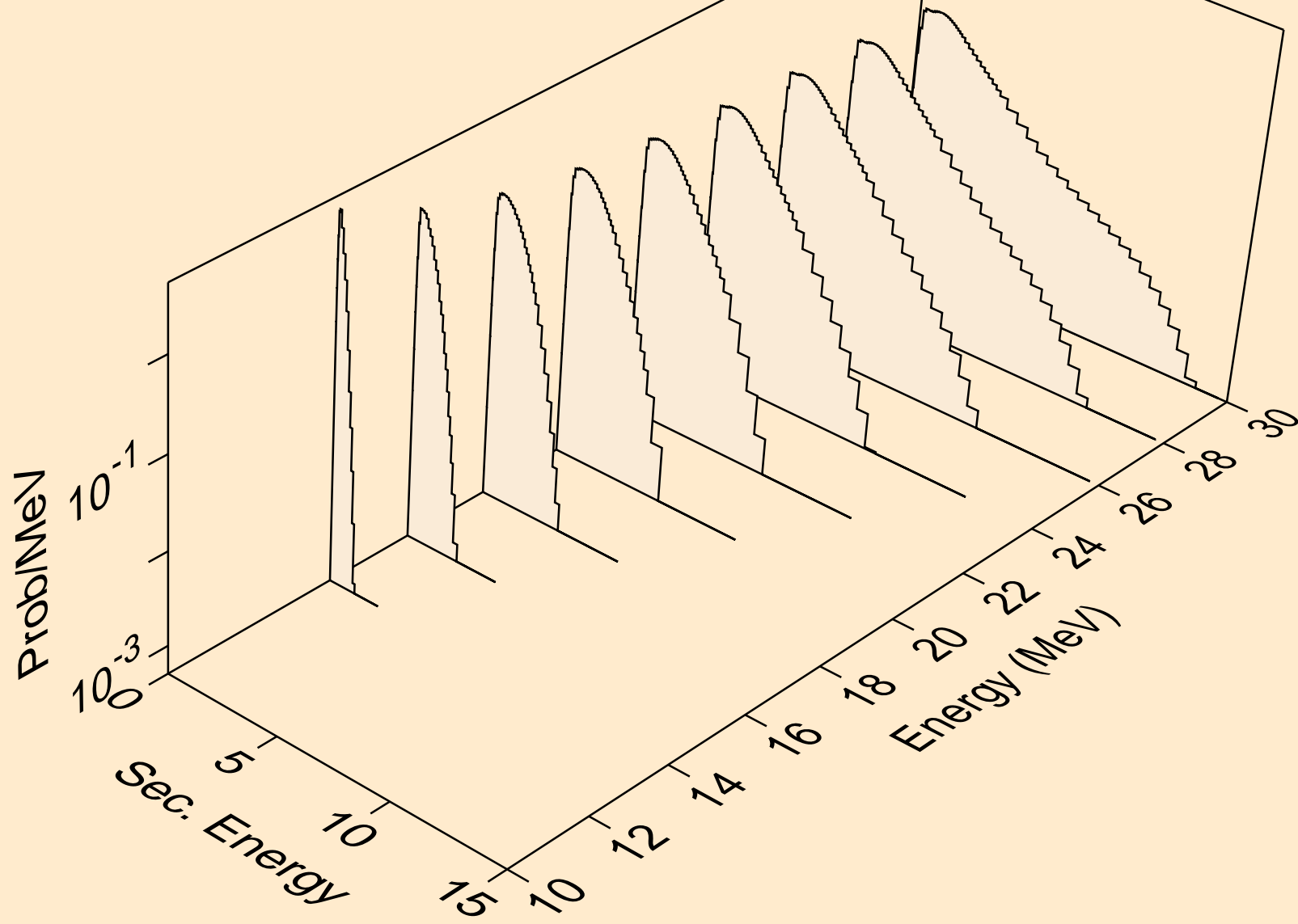
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



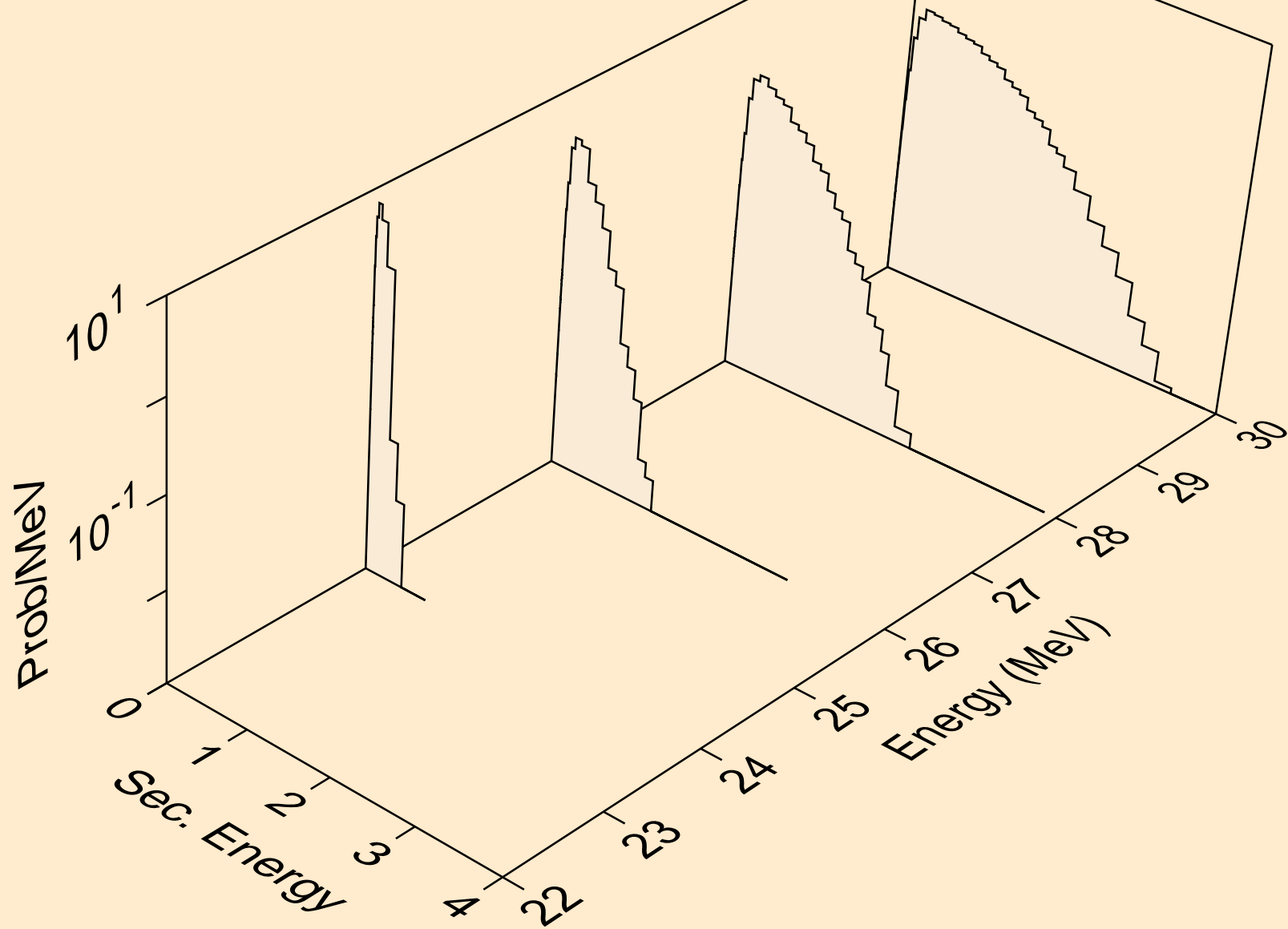
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Neutron emission for (n,n\*)he3



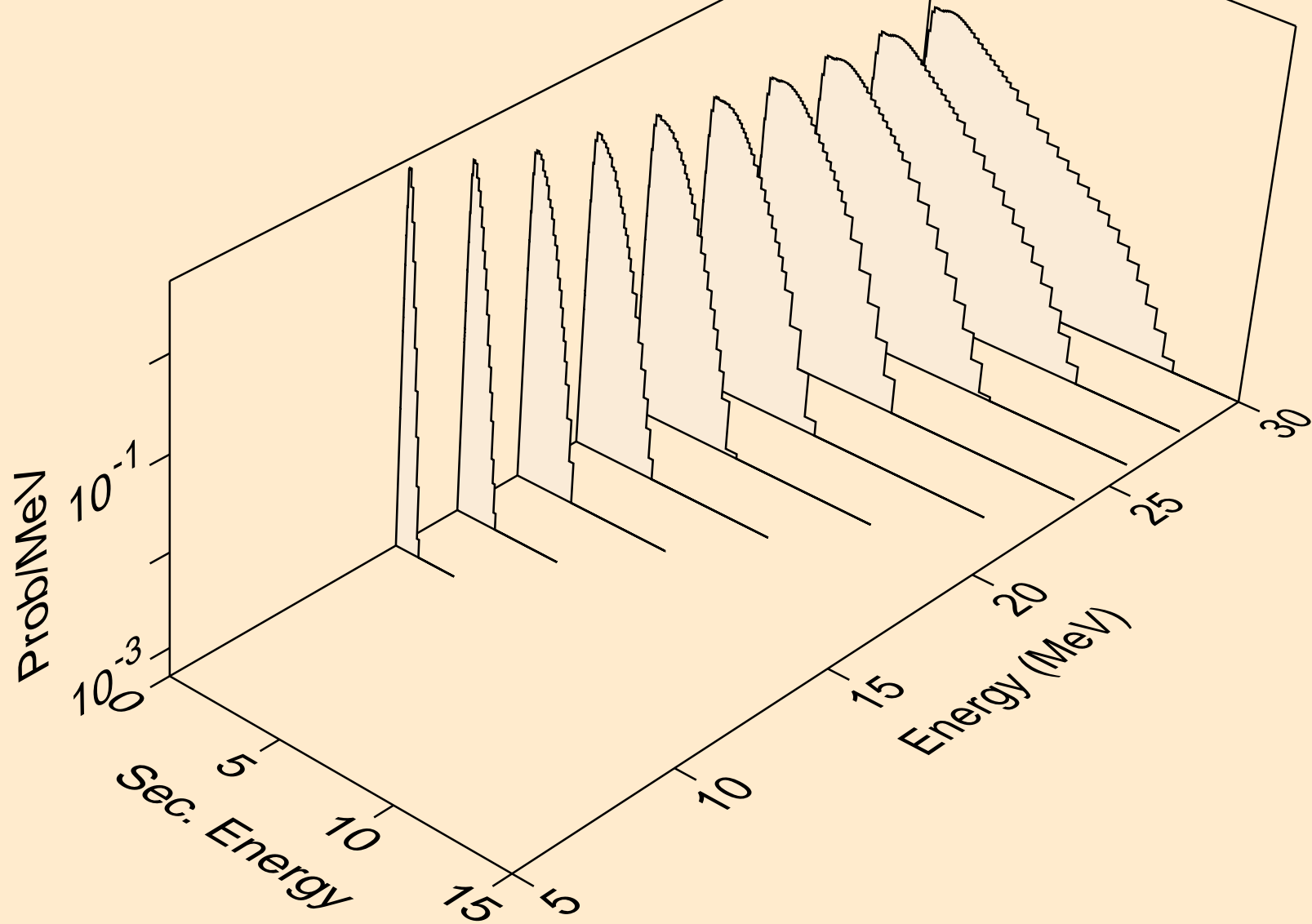
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Neutron emission for (n,2np)



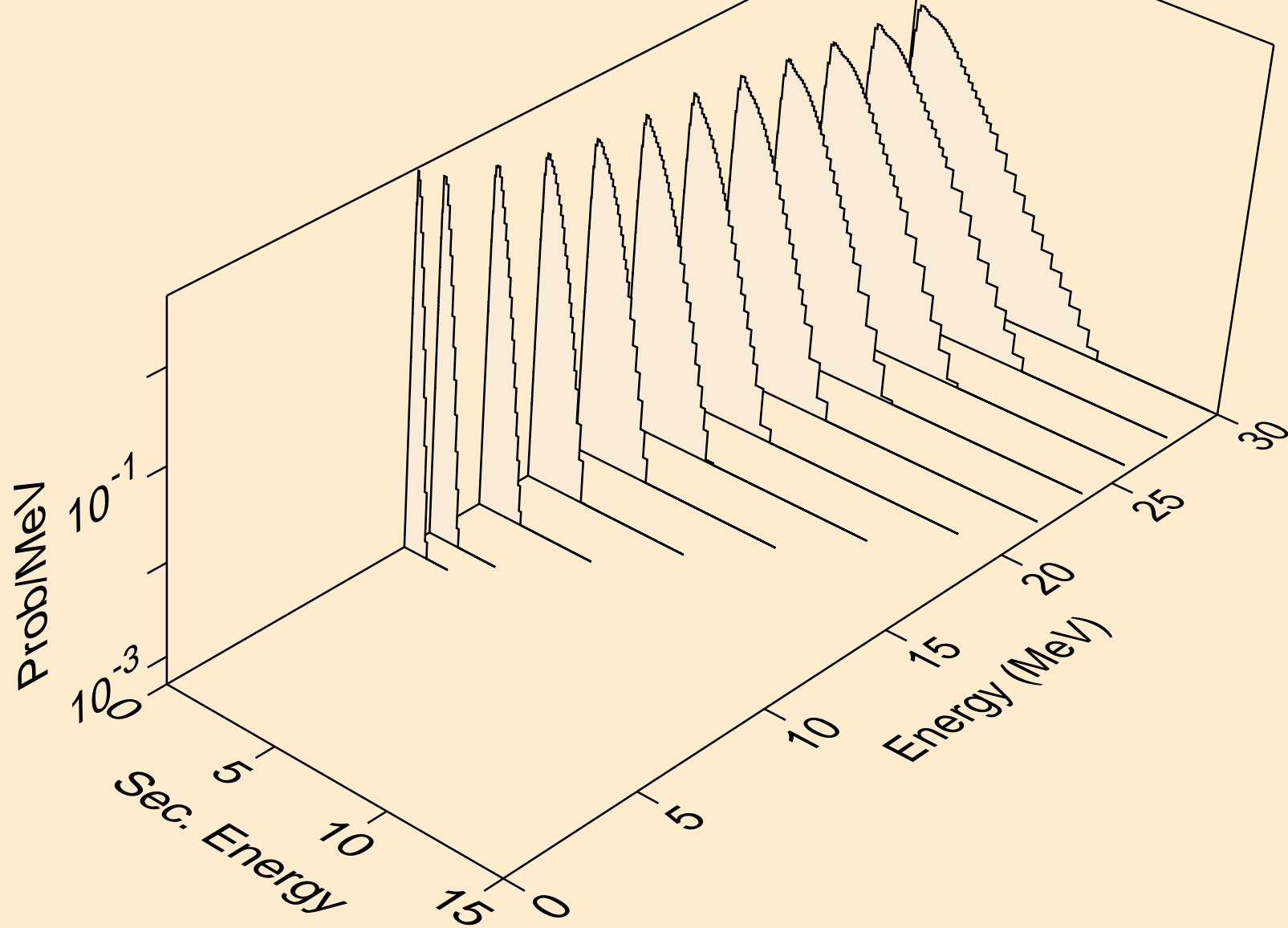
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Neutron emission for (n,3np)



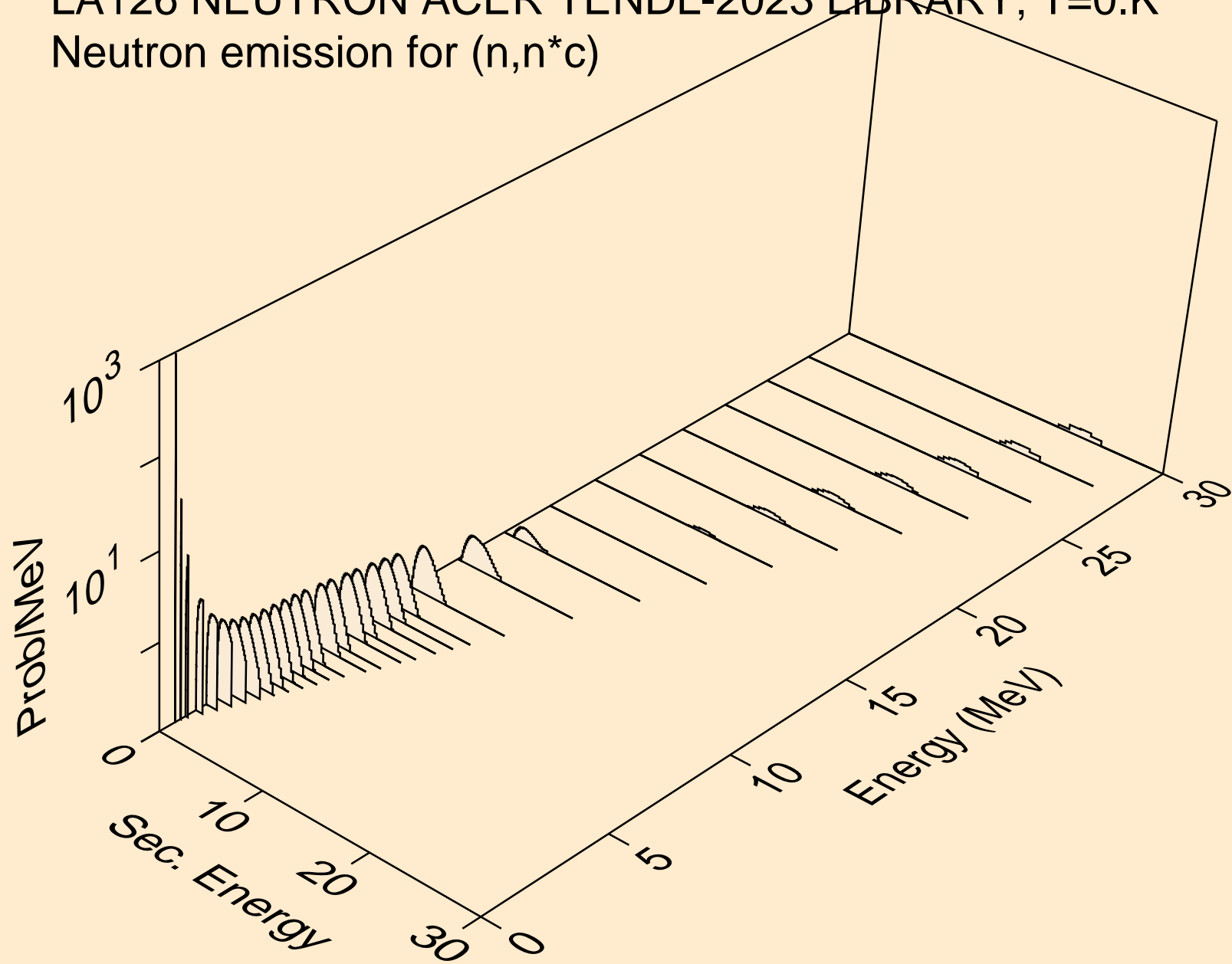
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Neutron emission for (n,n2p)



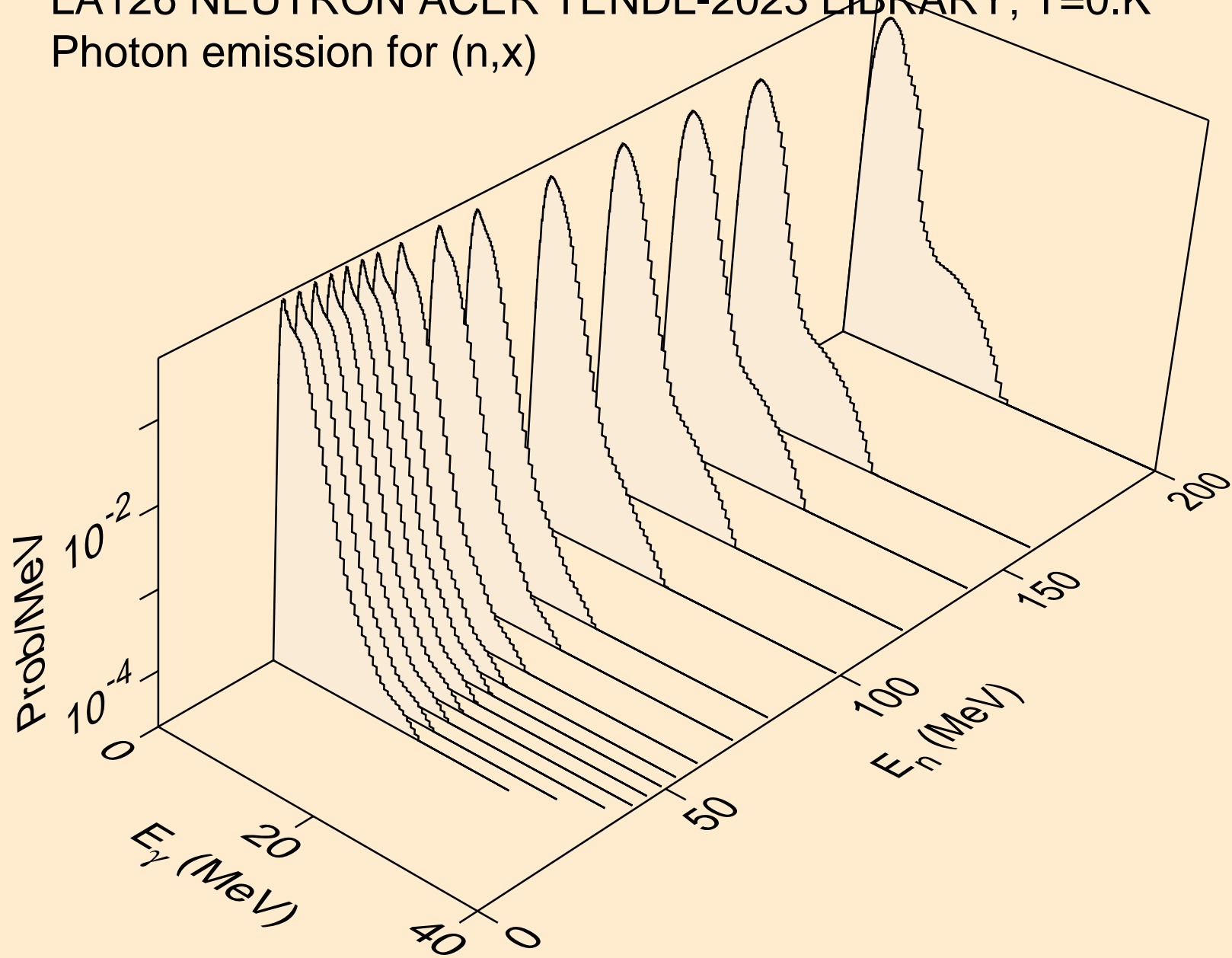
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

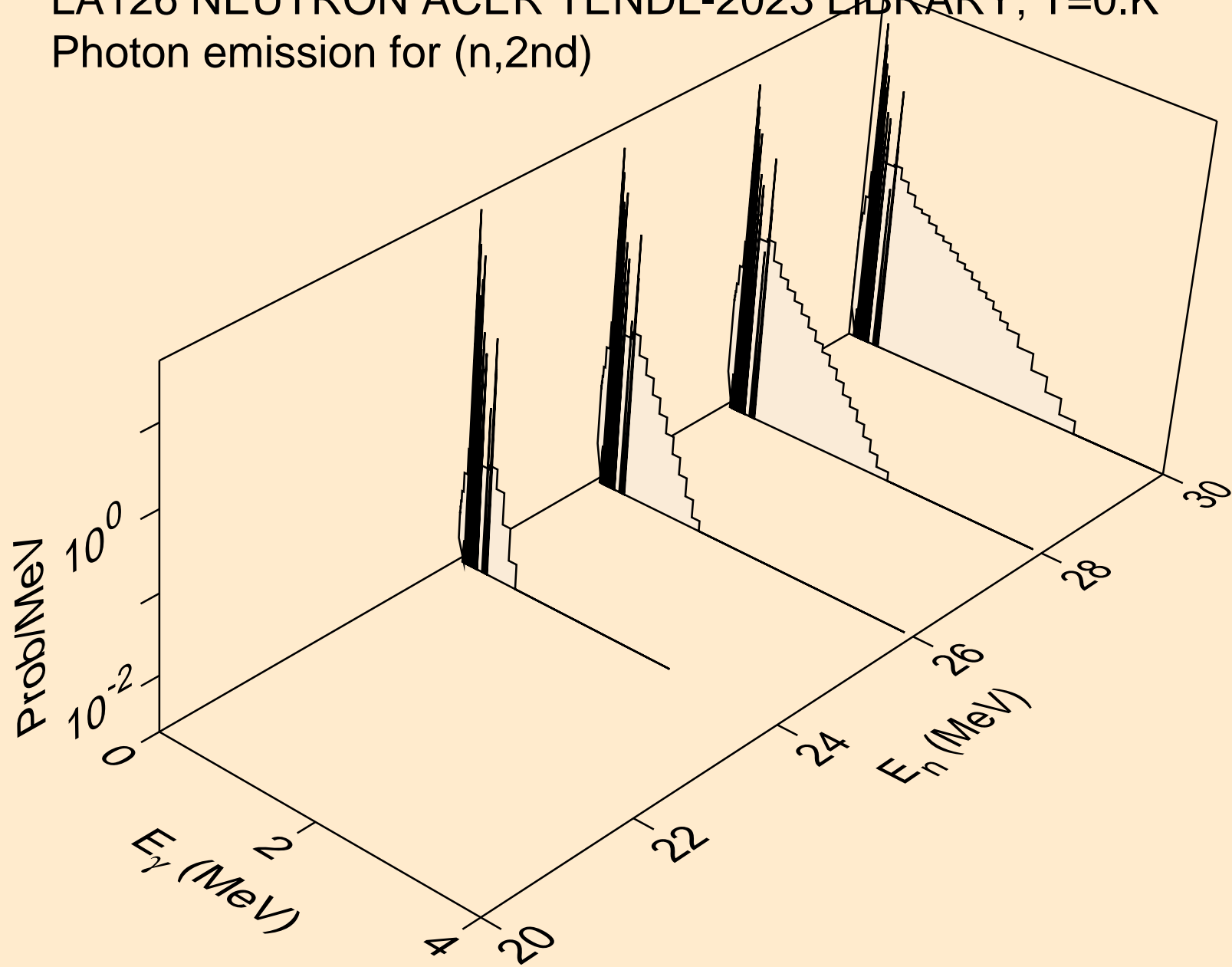


LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

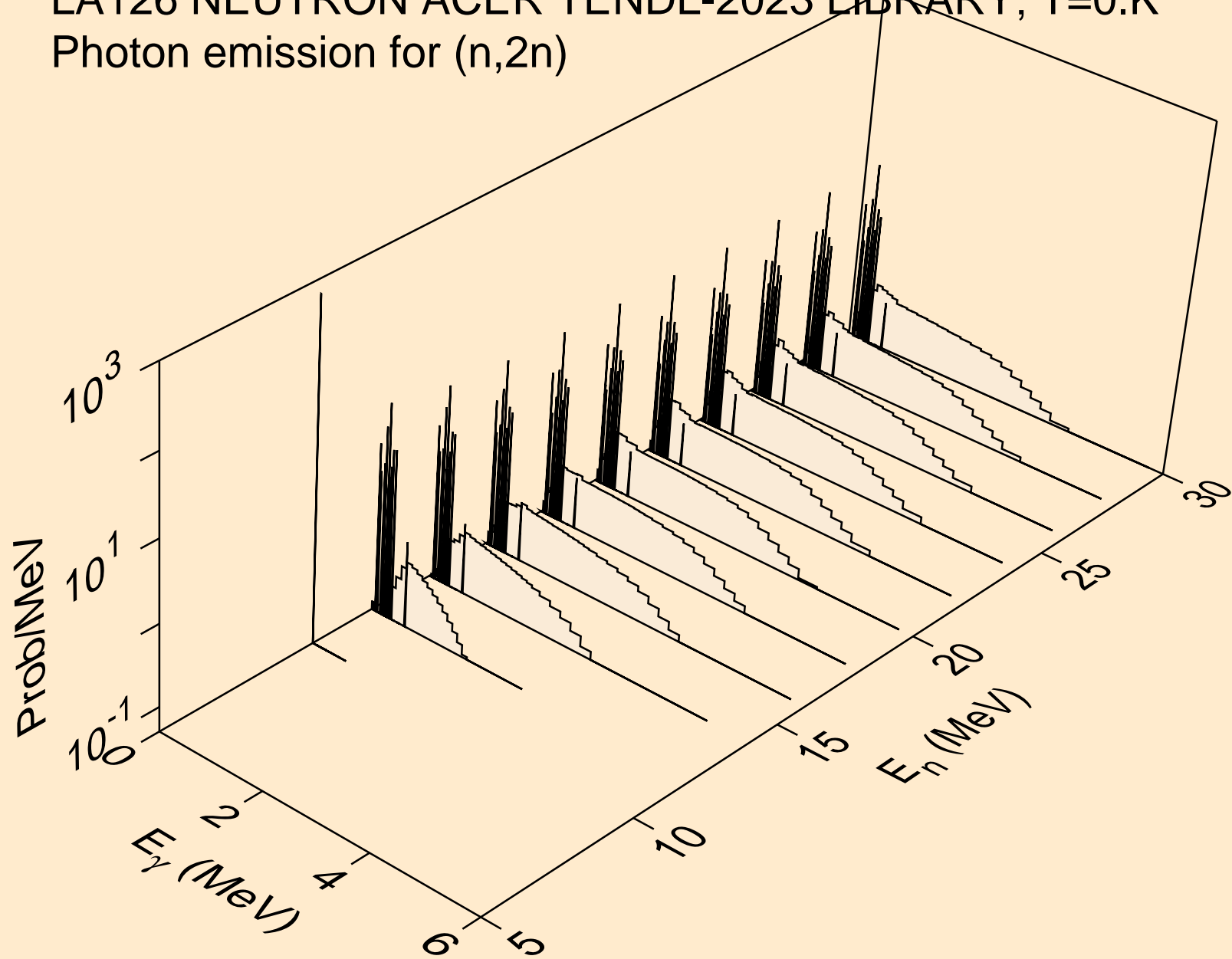




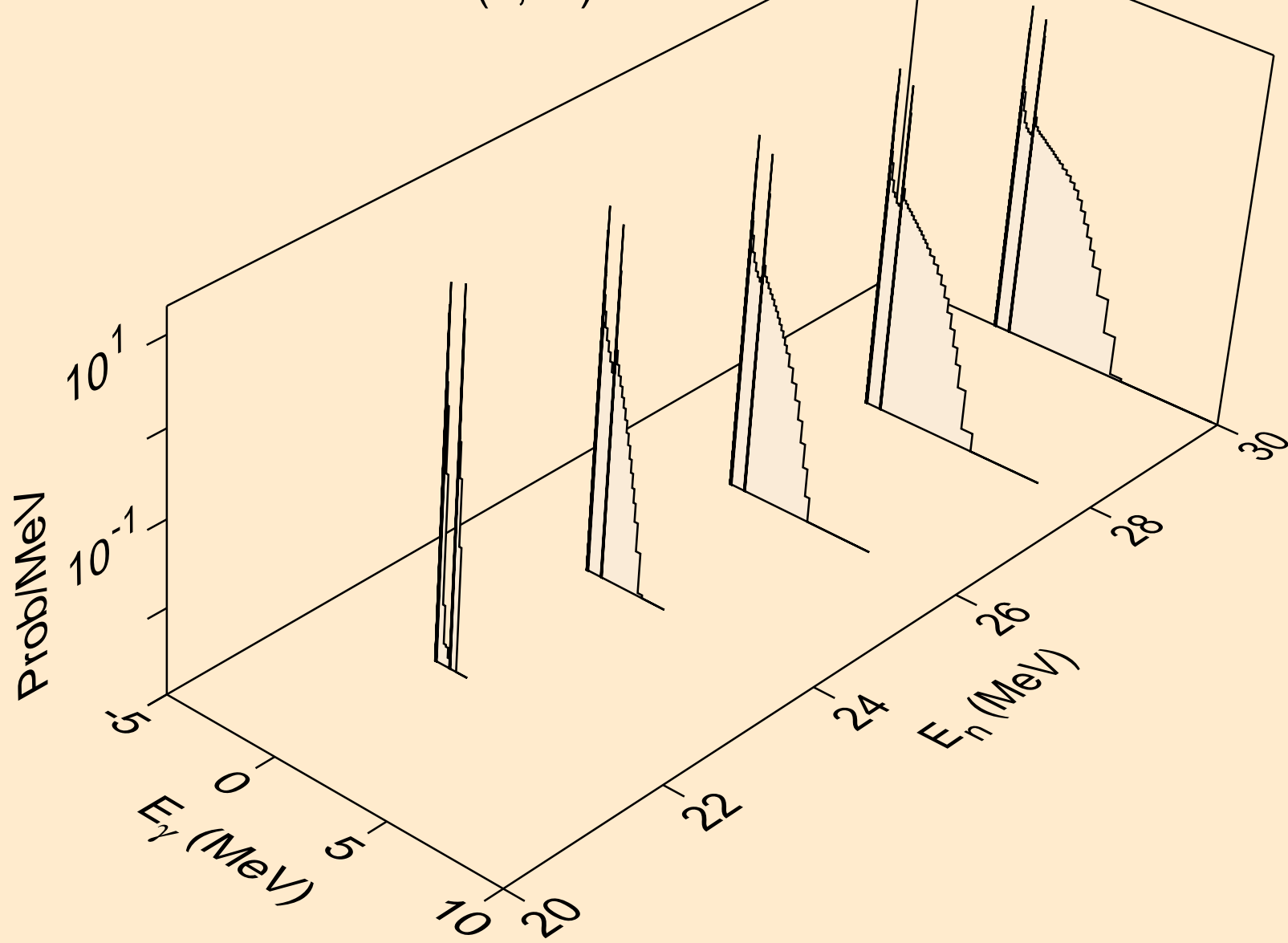
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



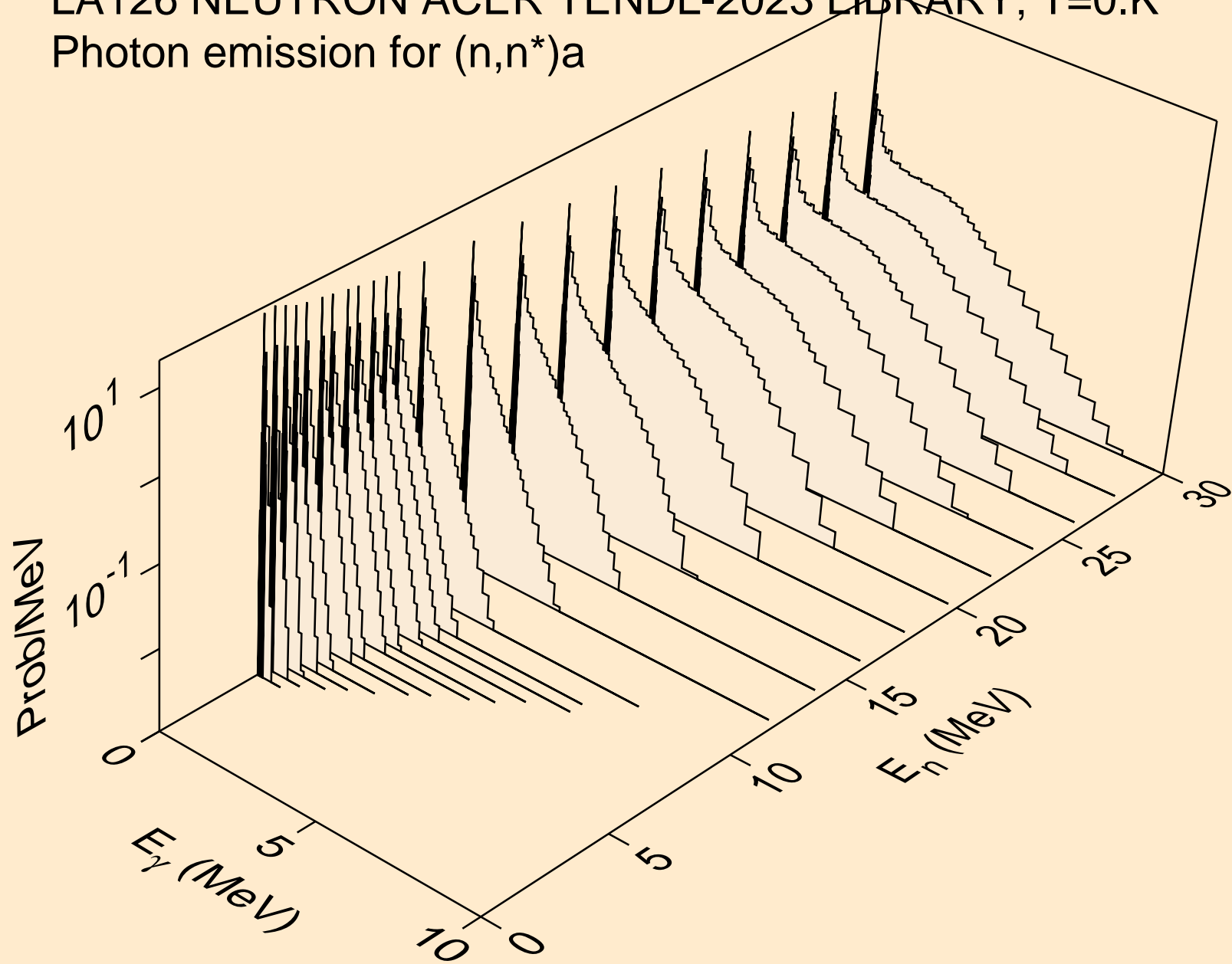
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Photon emission for (n,2n)



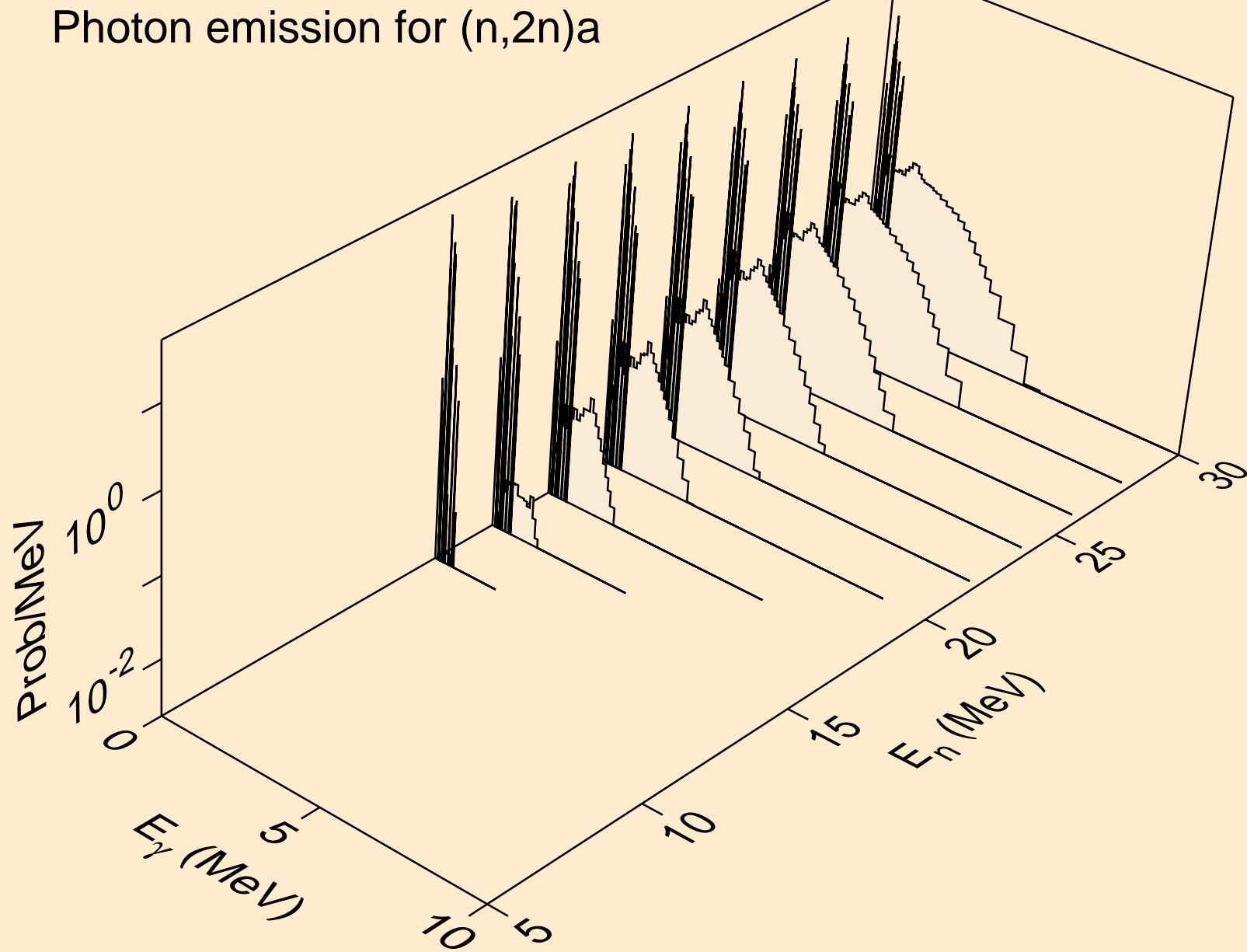
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Photon emission for (n,3n)



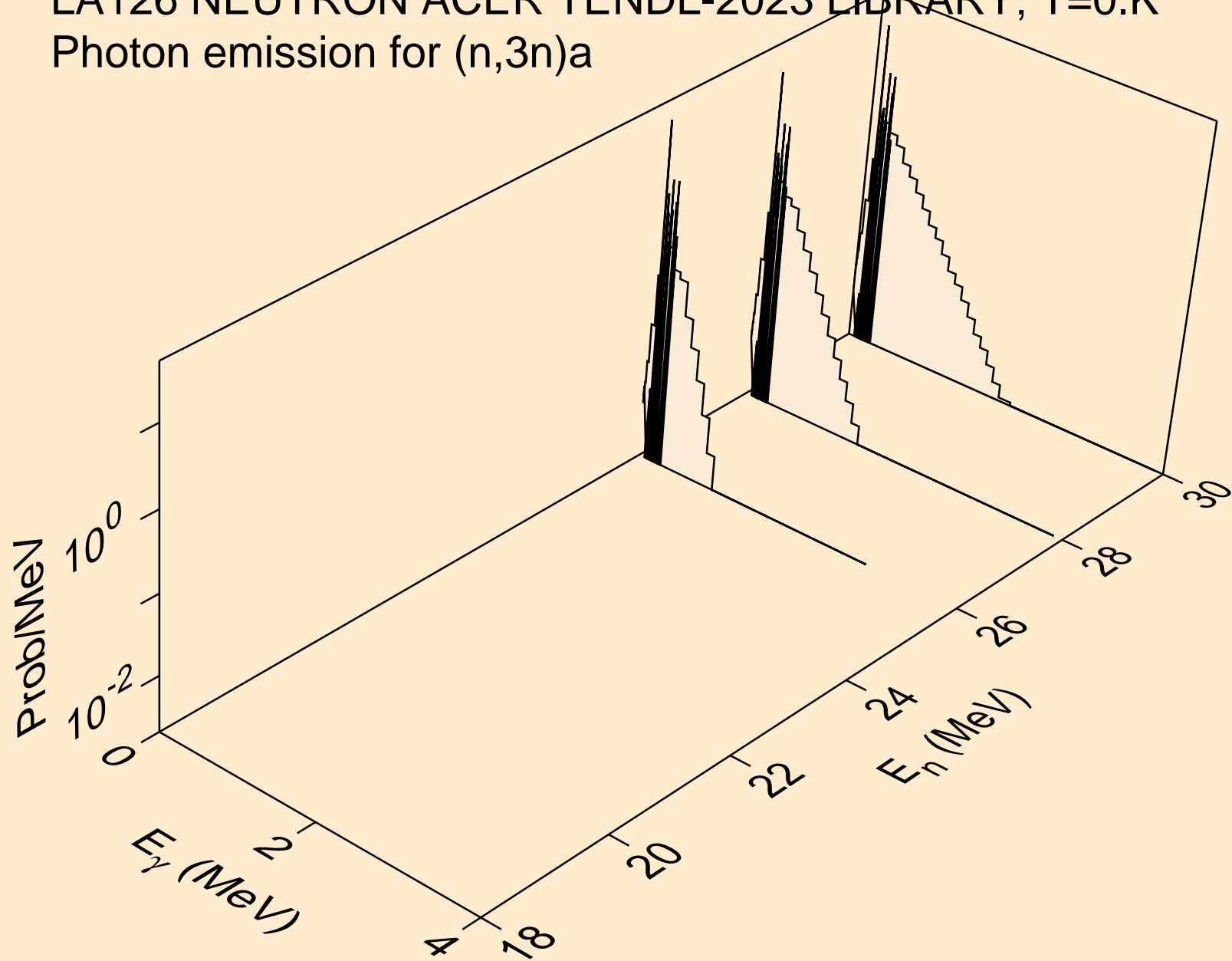
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



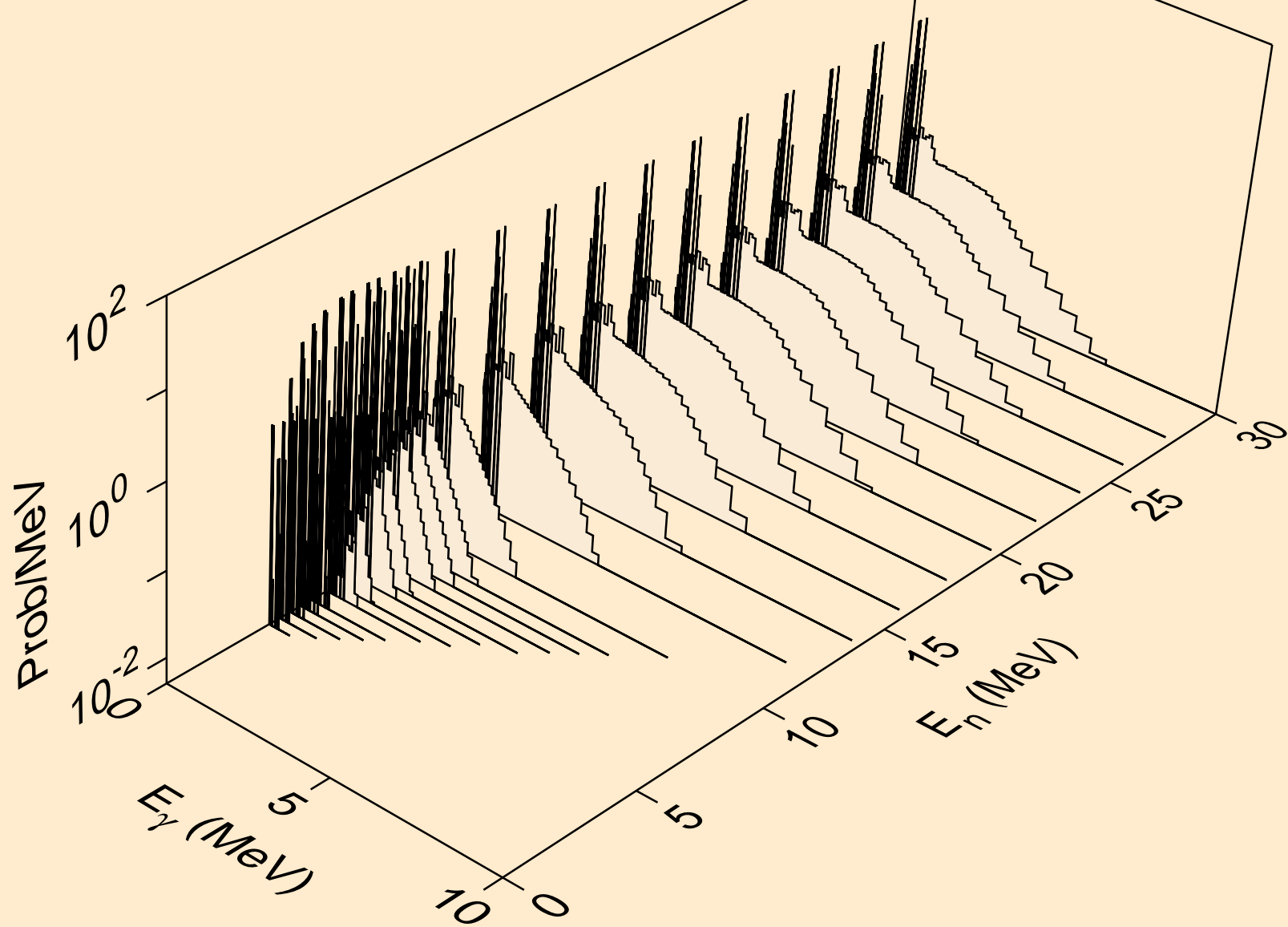
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Photon emission for (n,2n)a



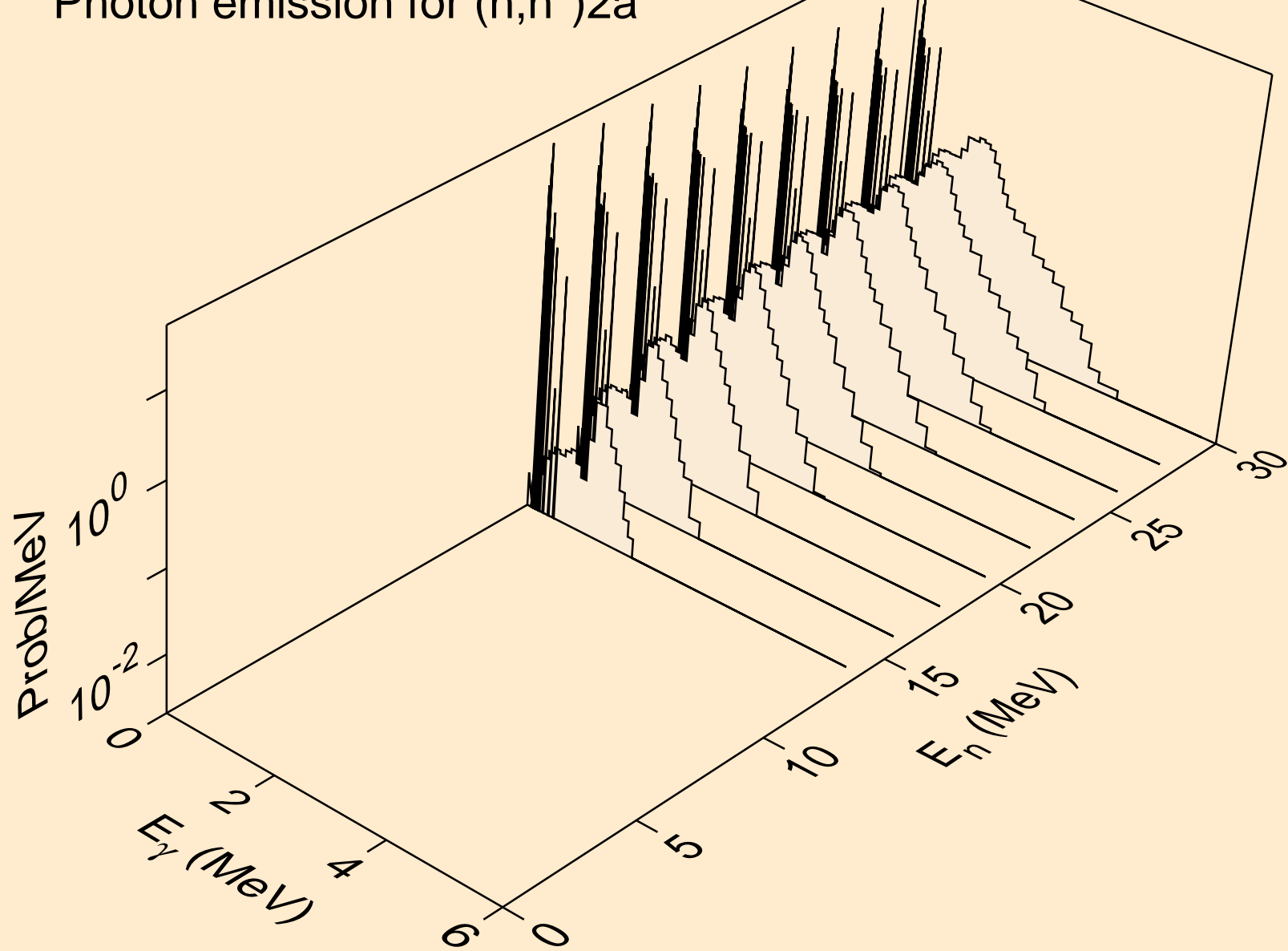
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

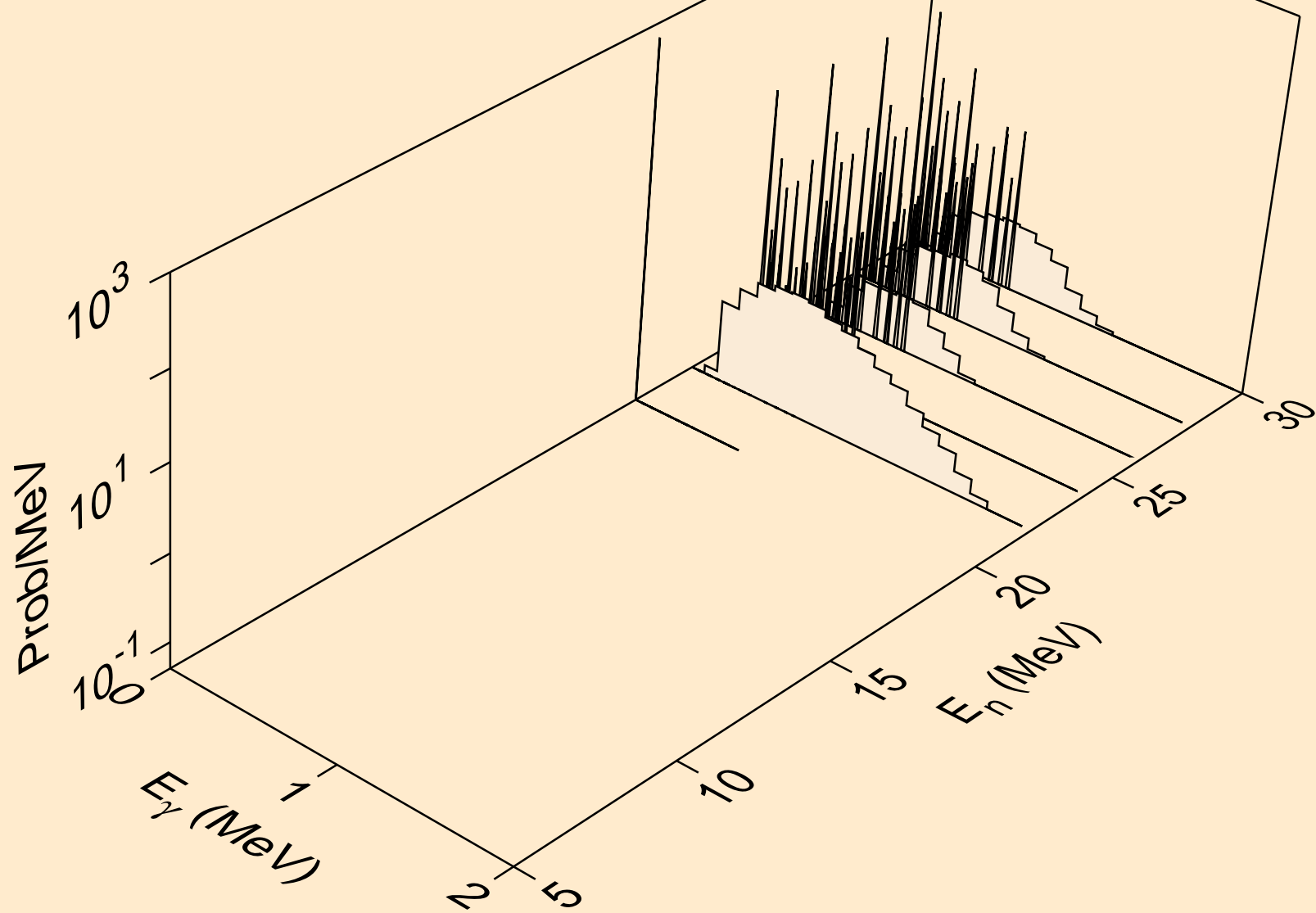


LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

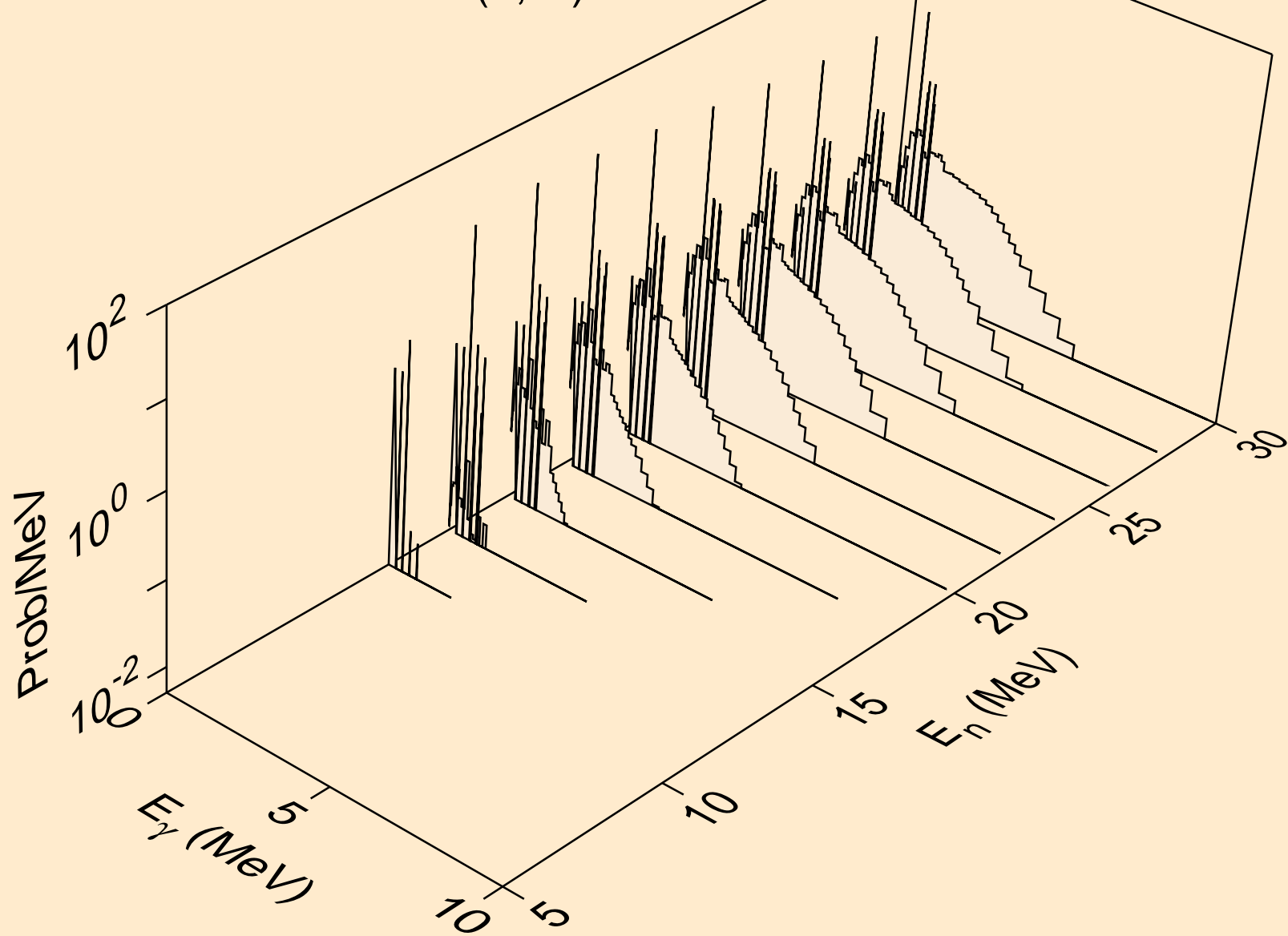




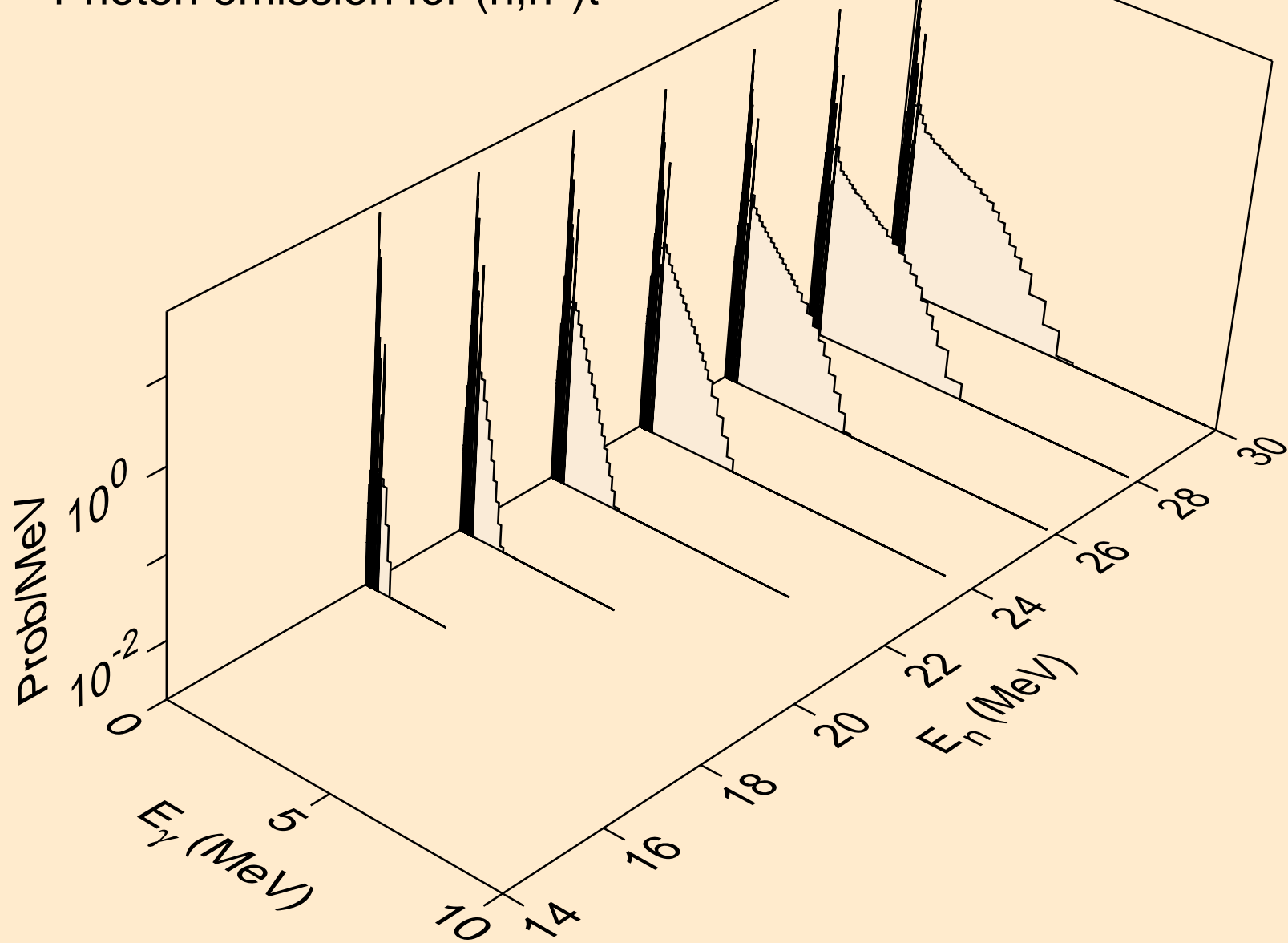
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Photon emission for (n,2n)2a



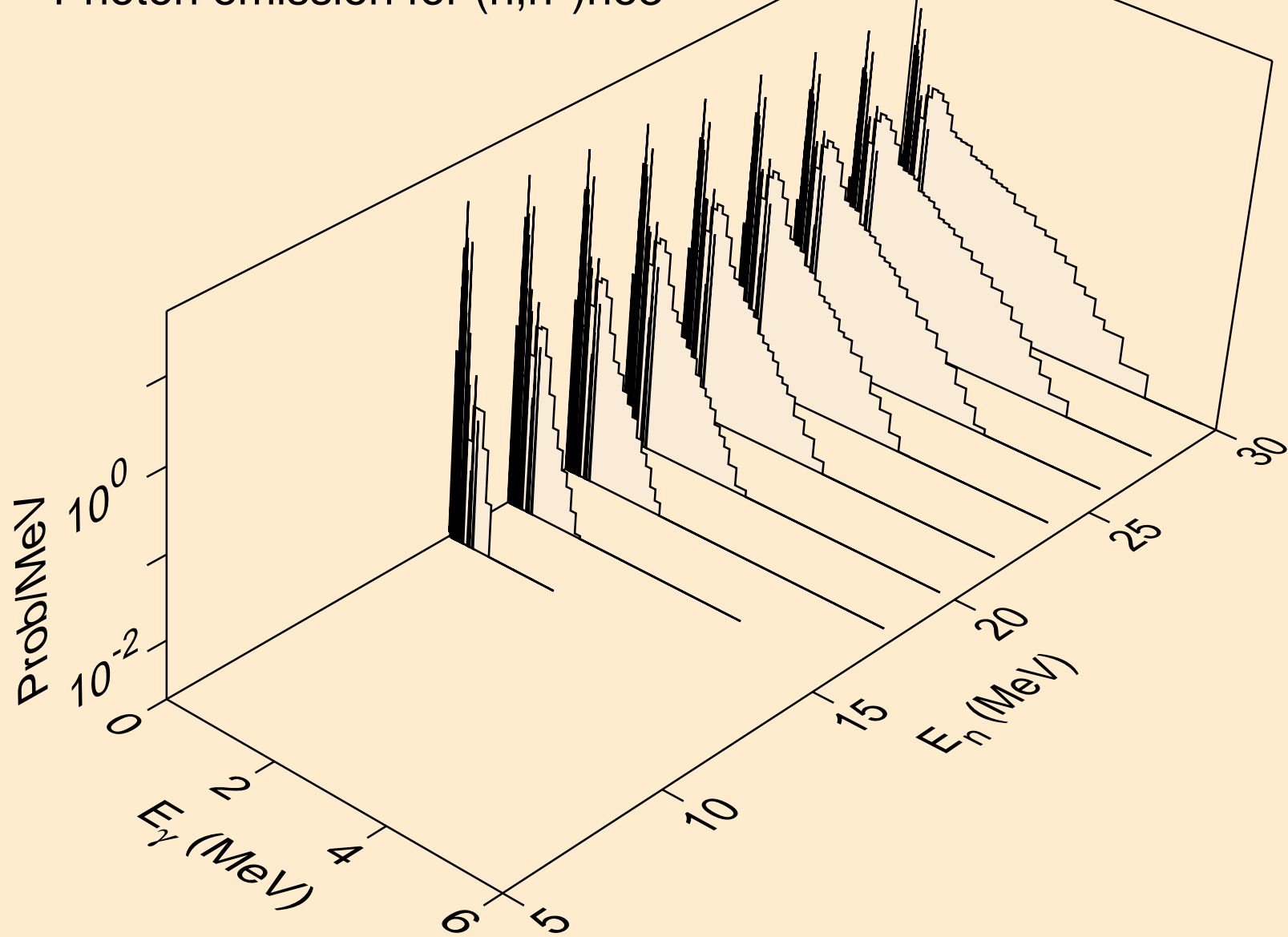
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Photon emission for (n,n\*)d



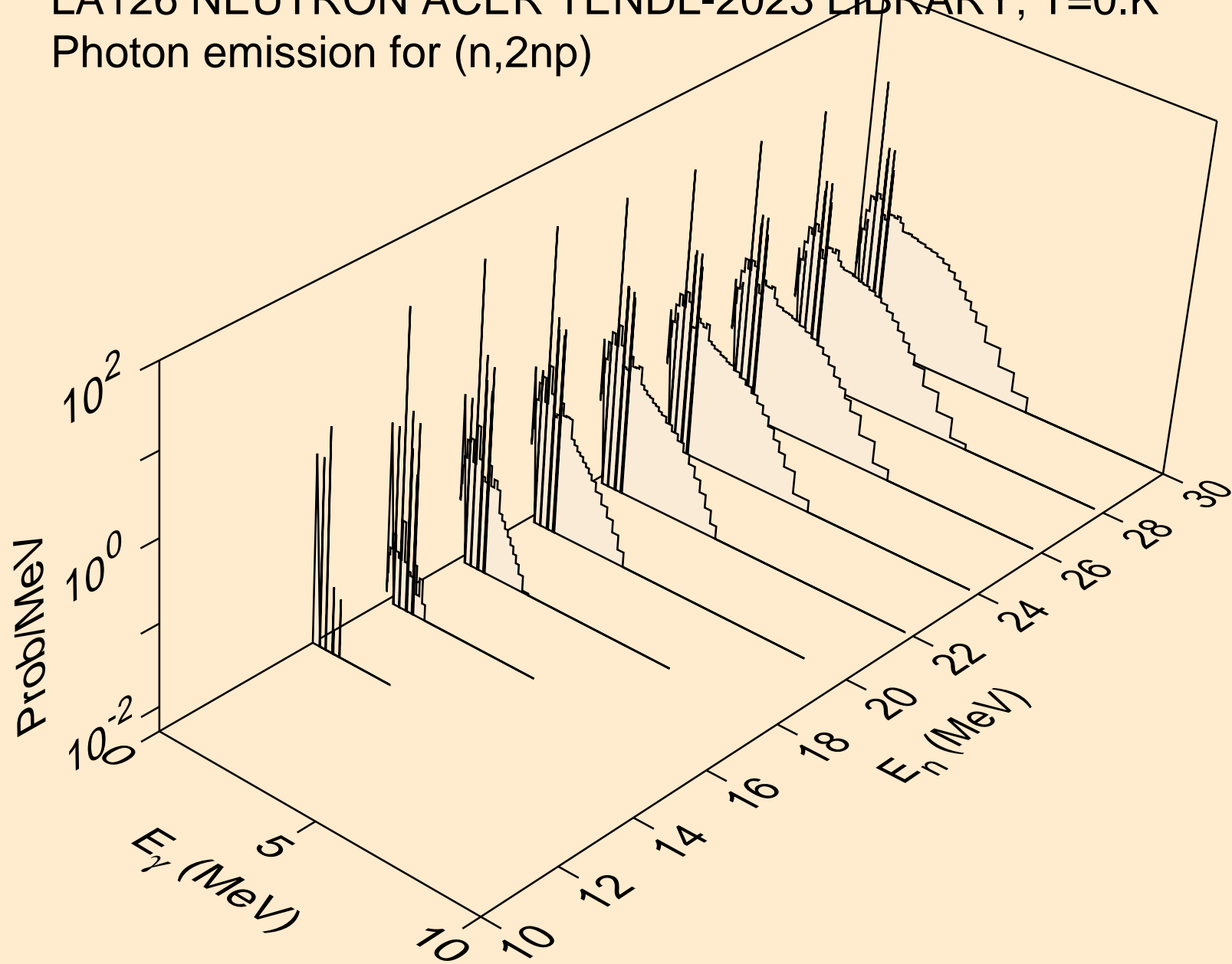
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



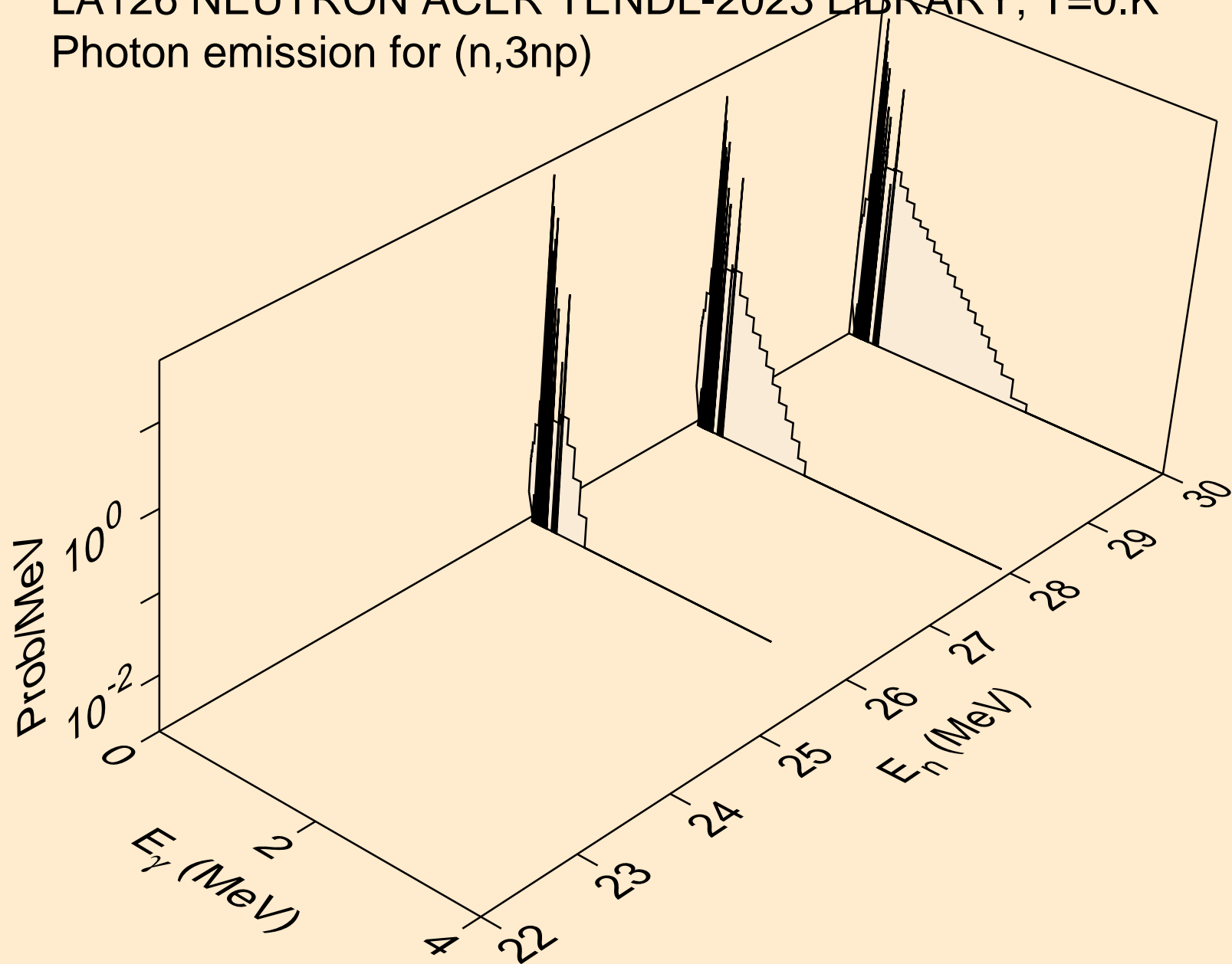
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



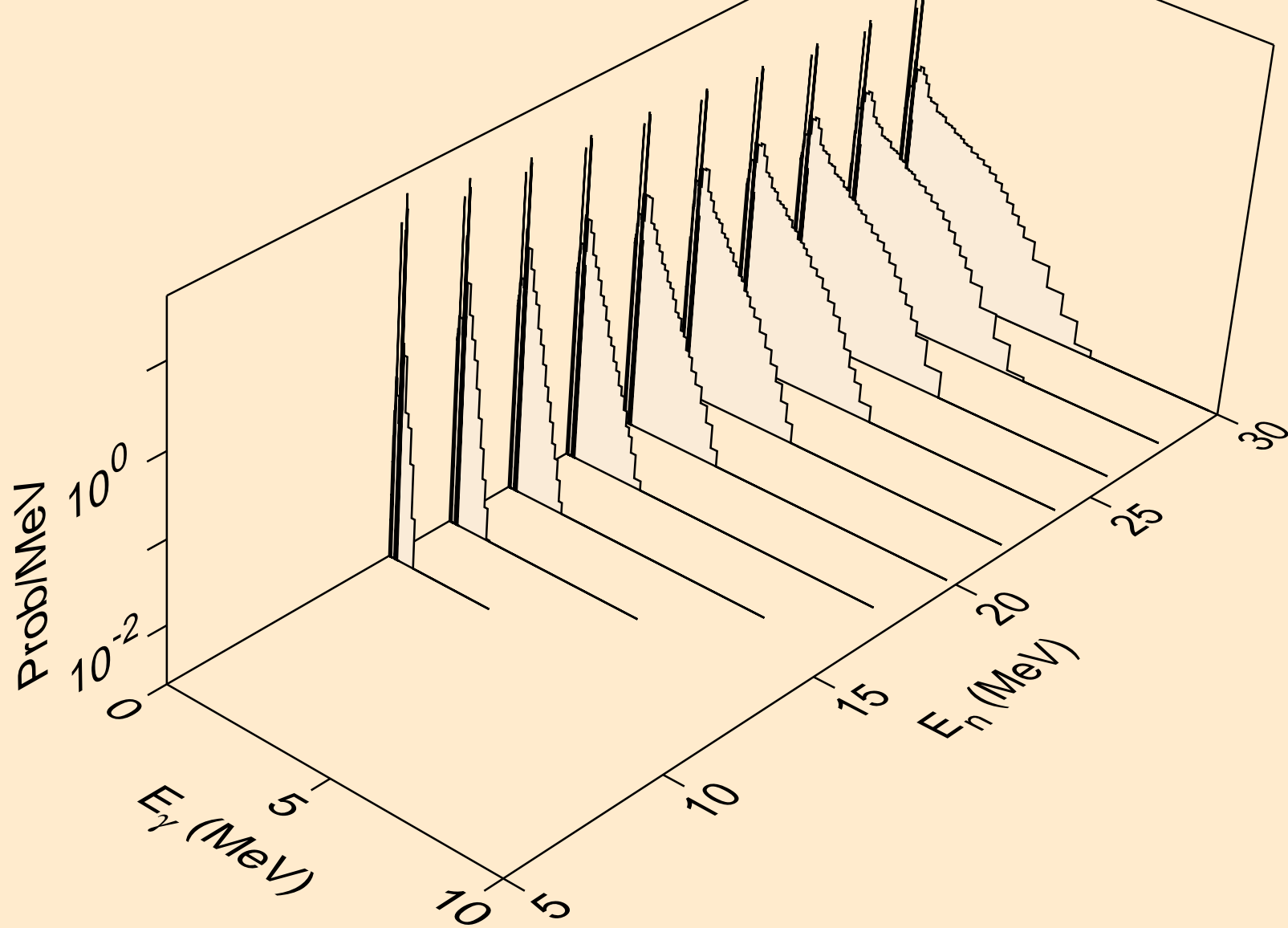
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



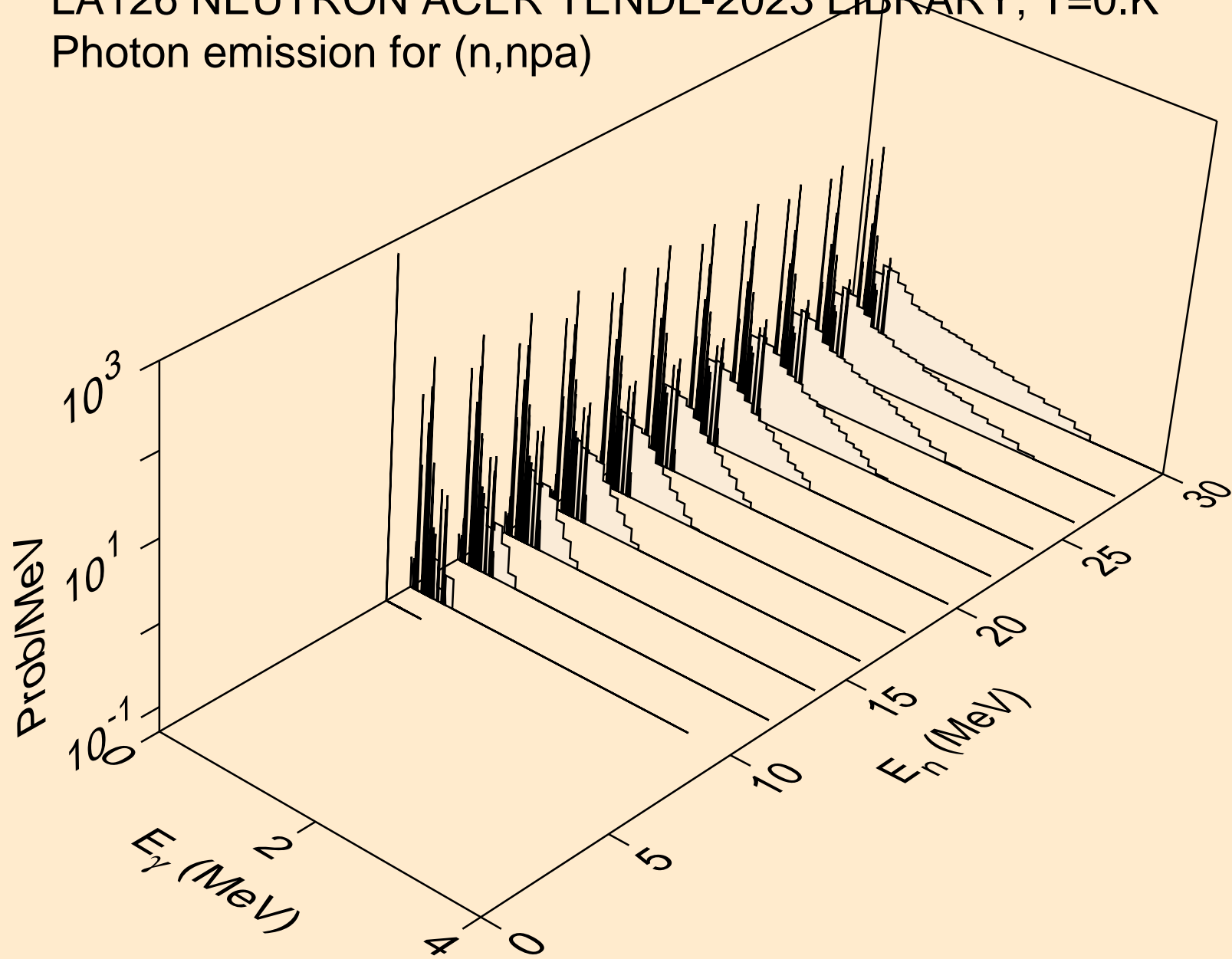
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

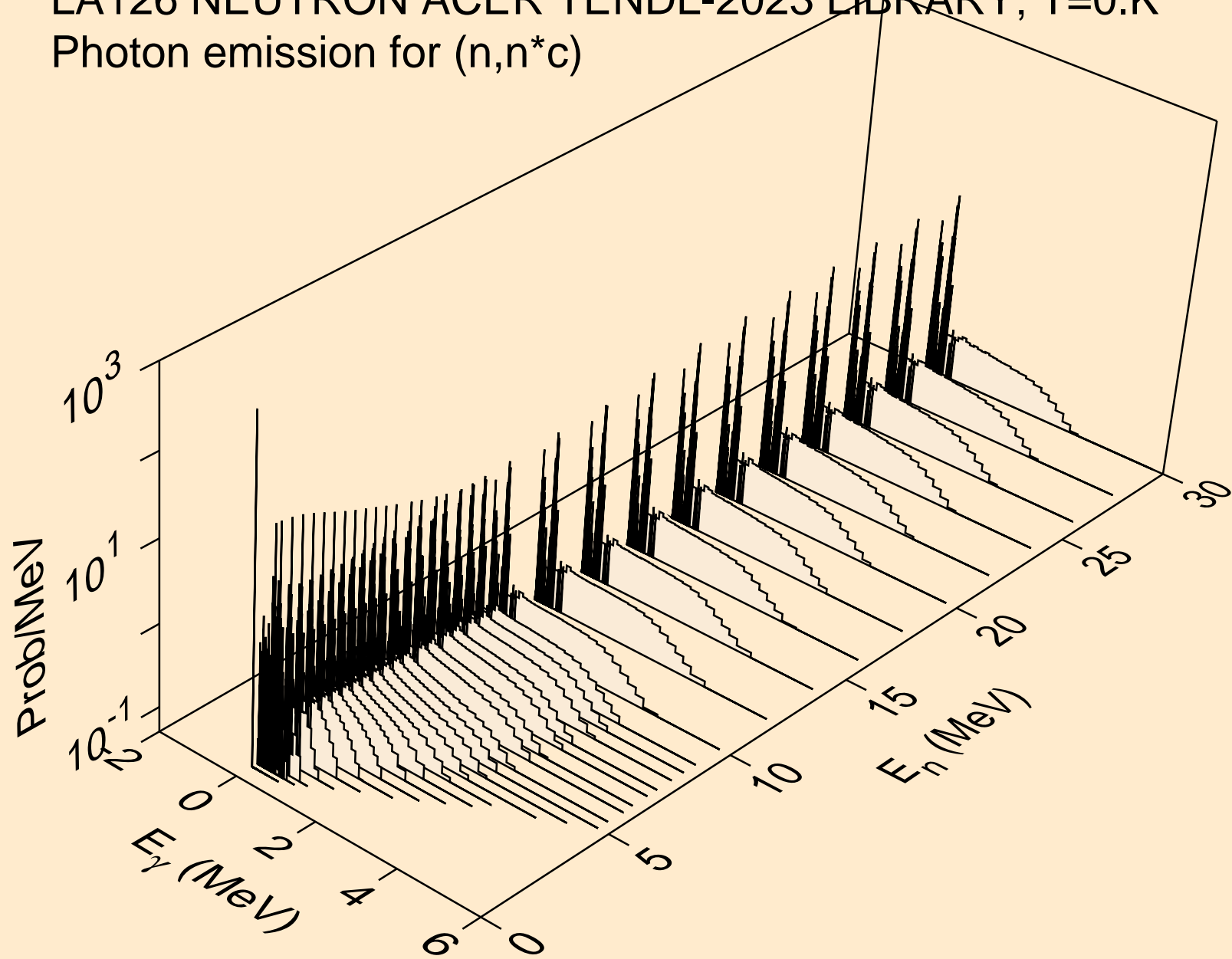


LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

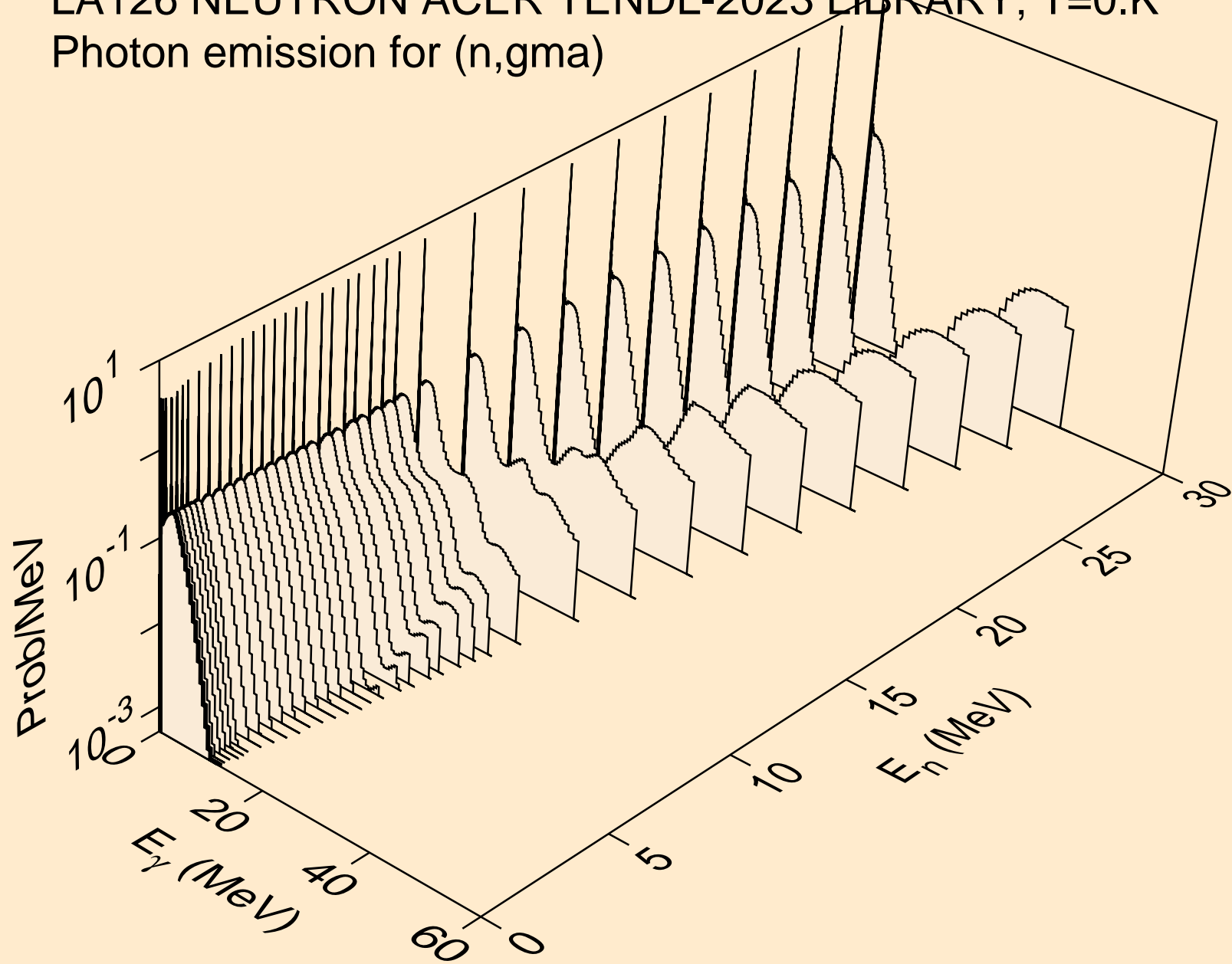




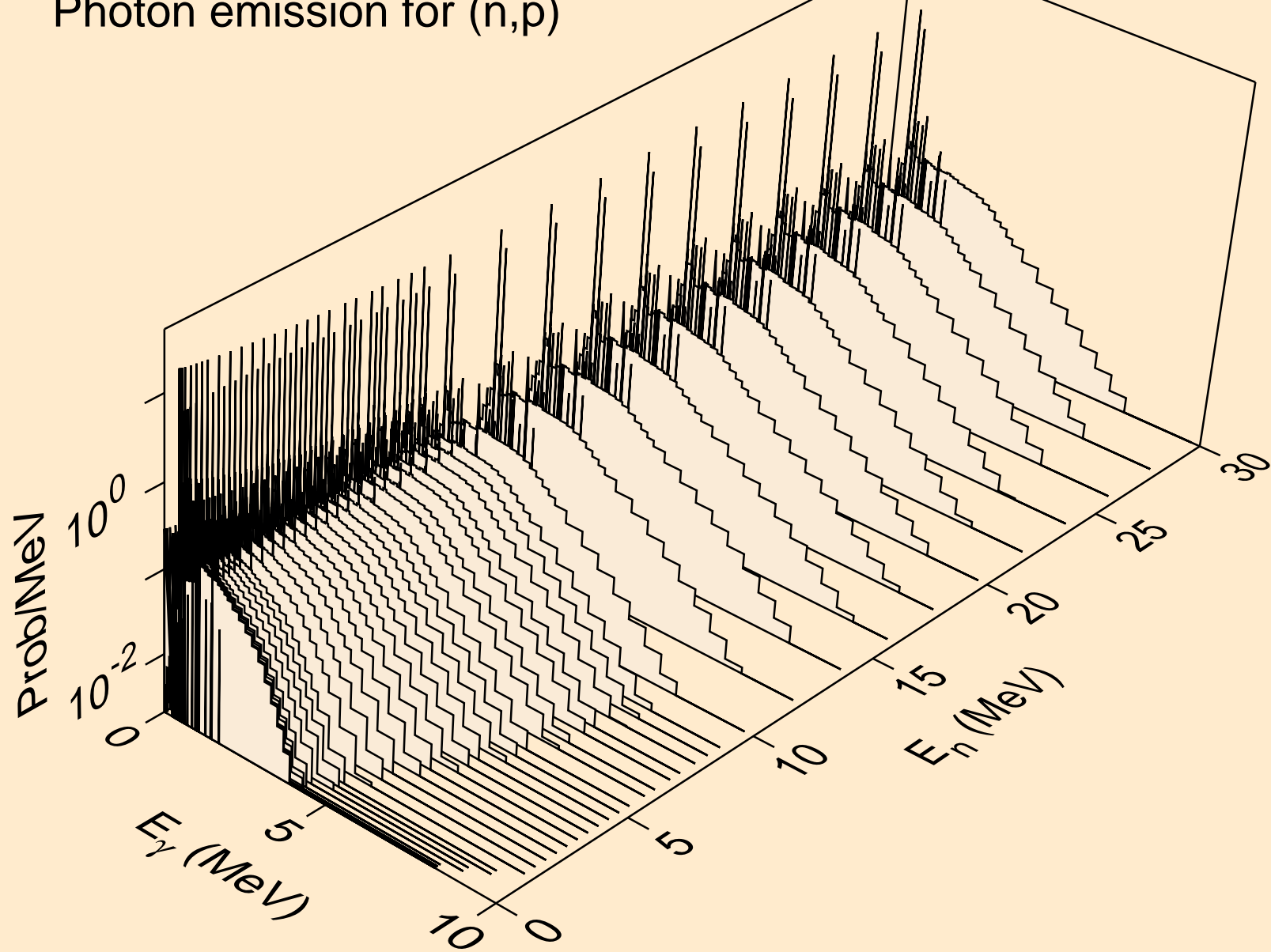
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



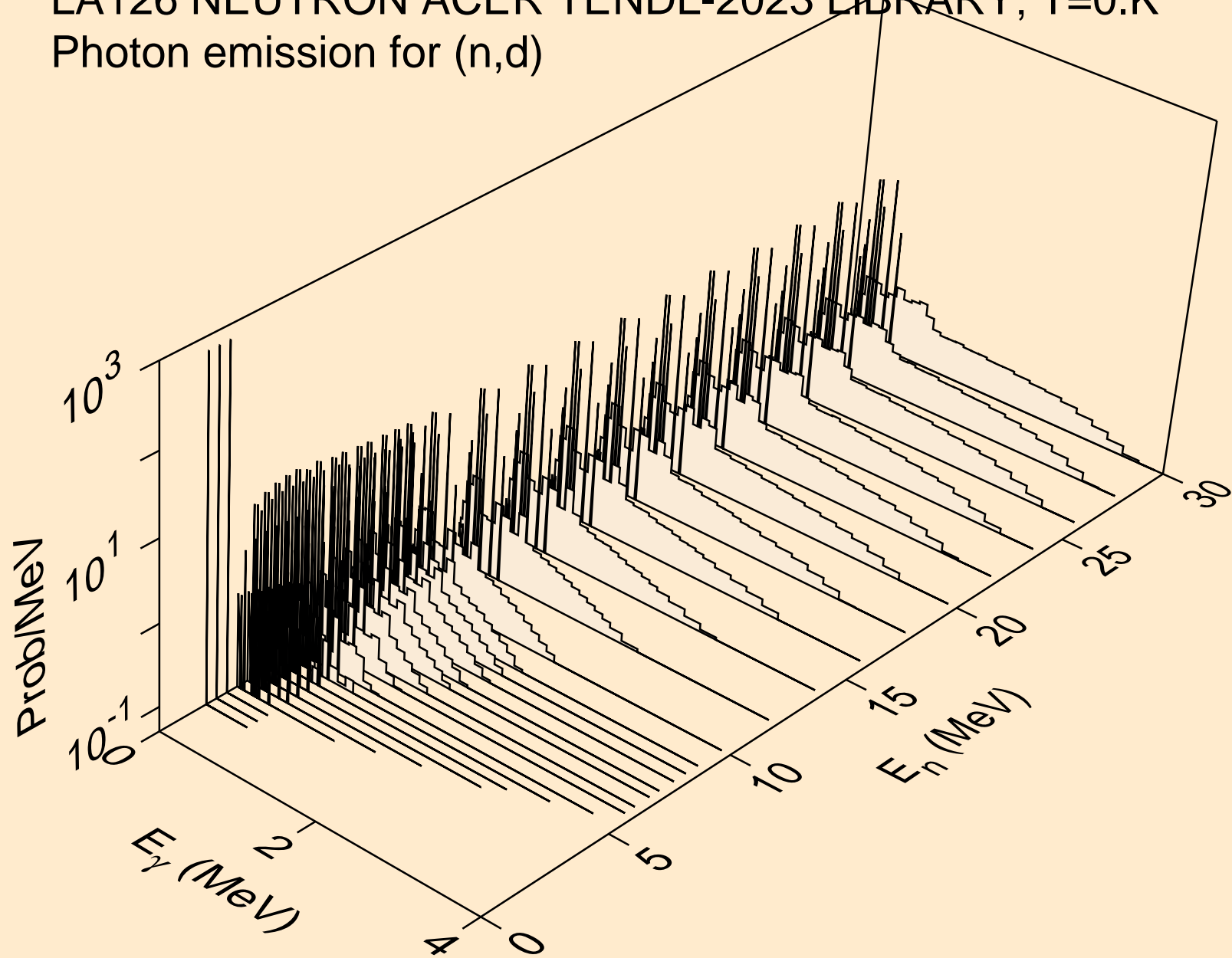
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



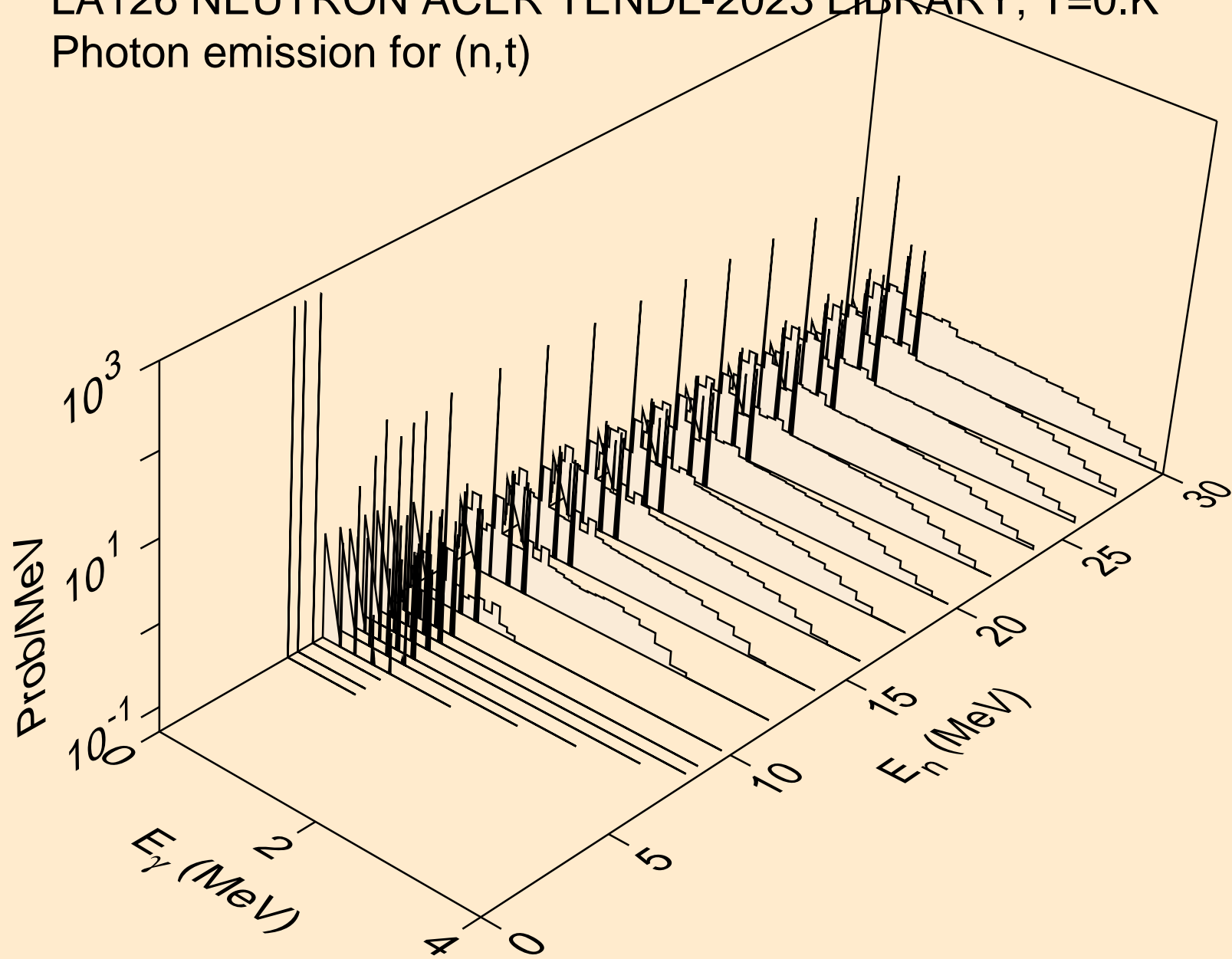
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



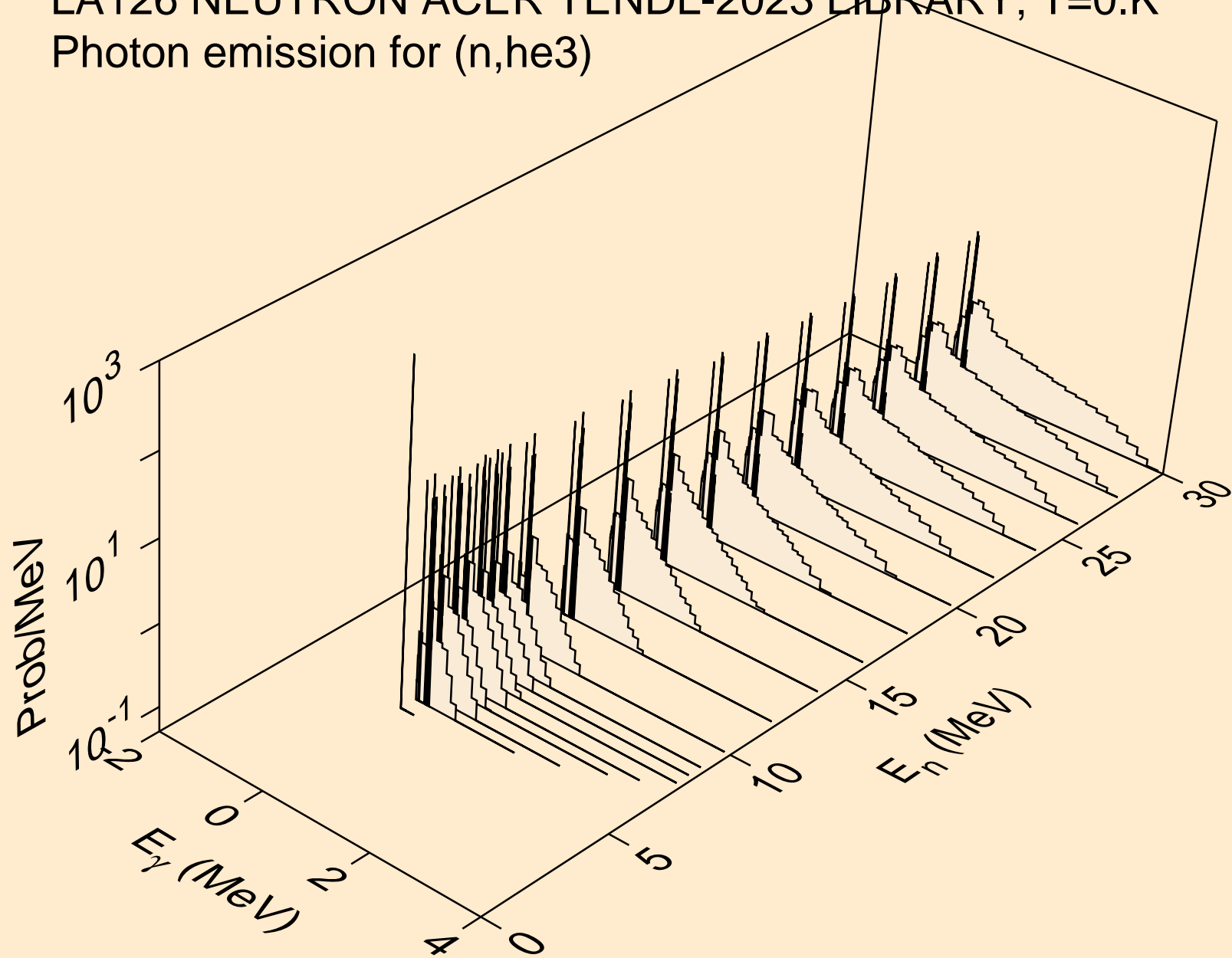
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



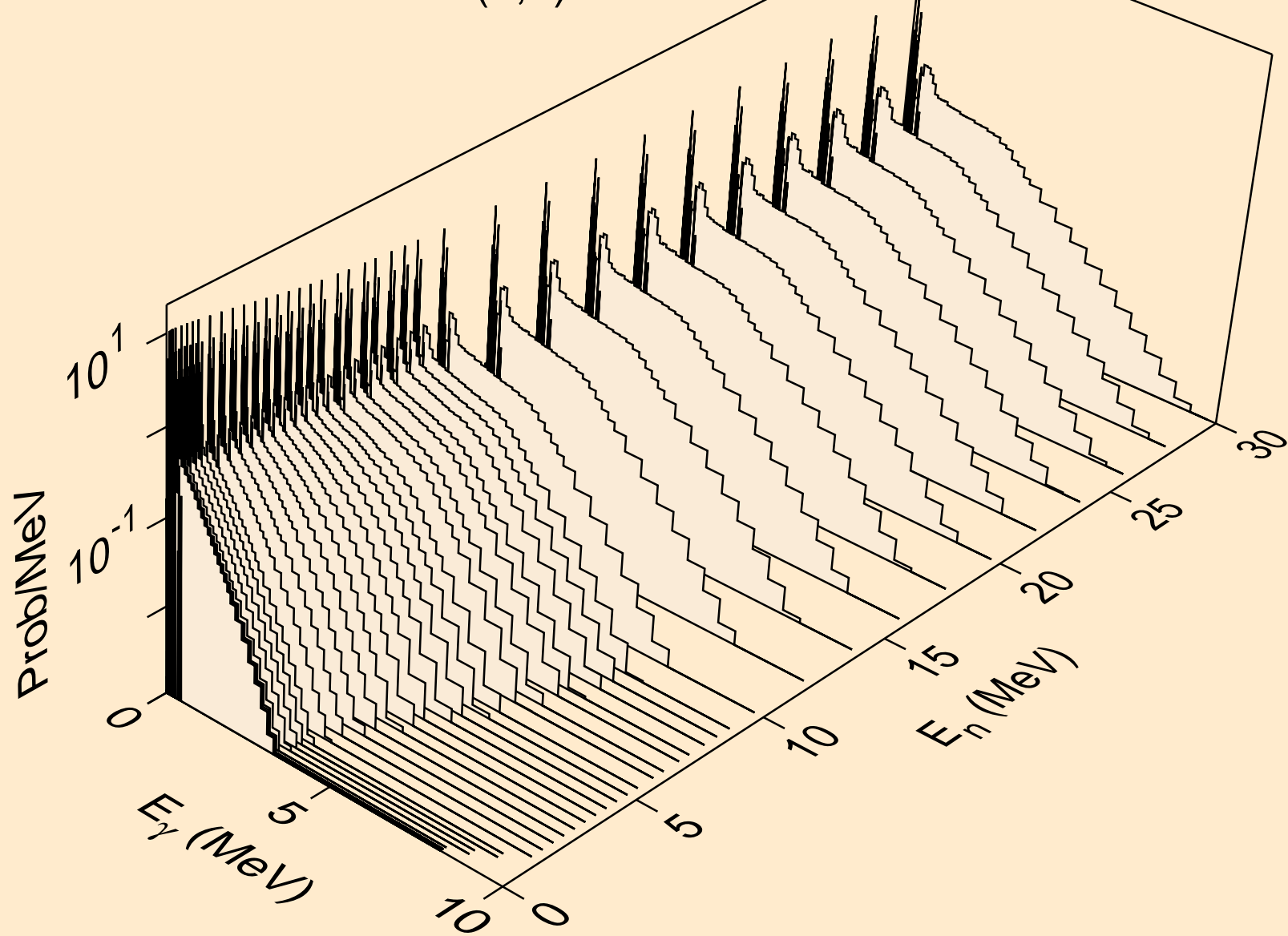
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Photon emission for (n,t)



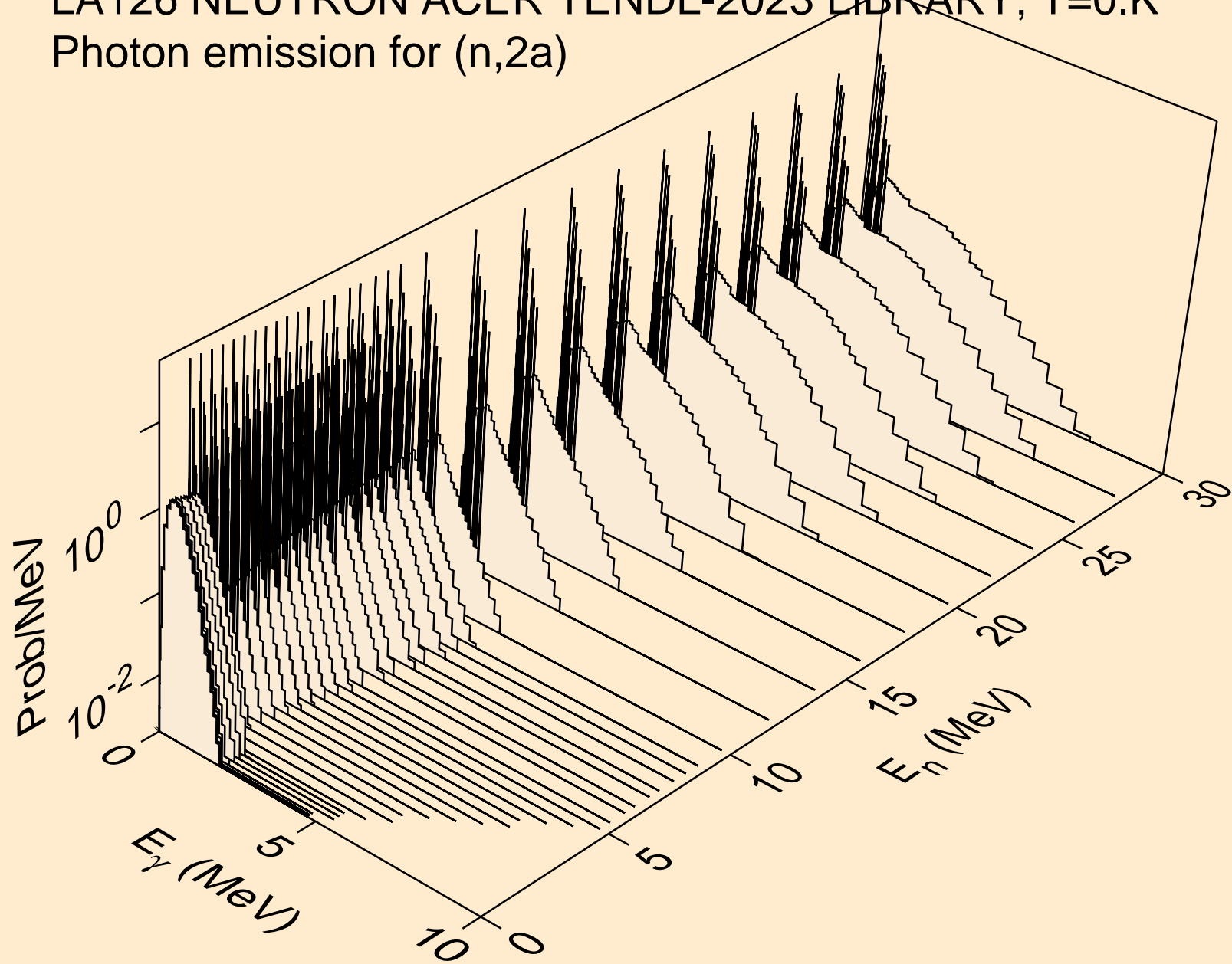
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

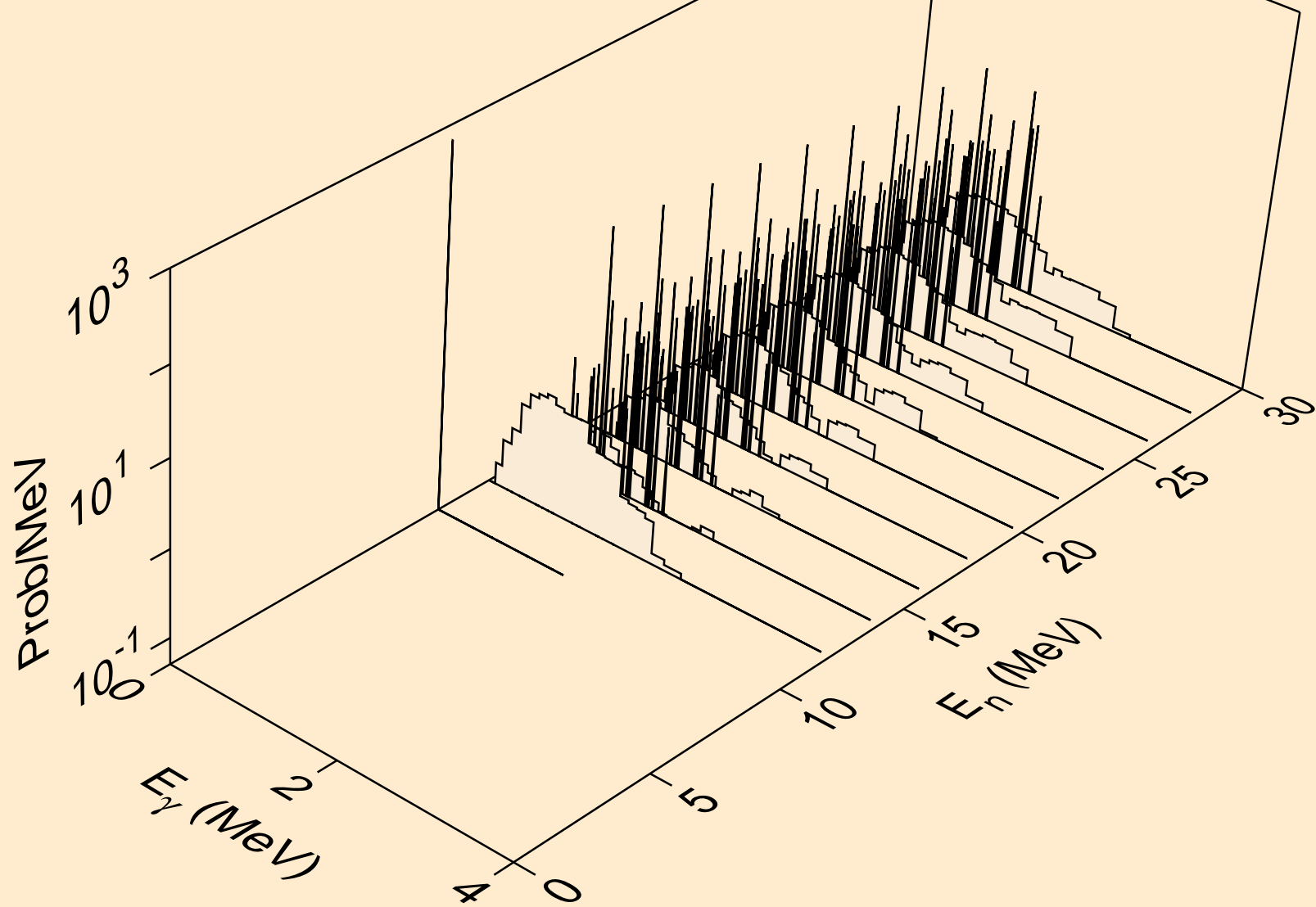


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Photon emission for (n,2a)

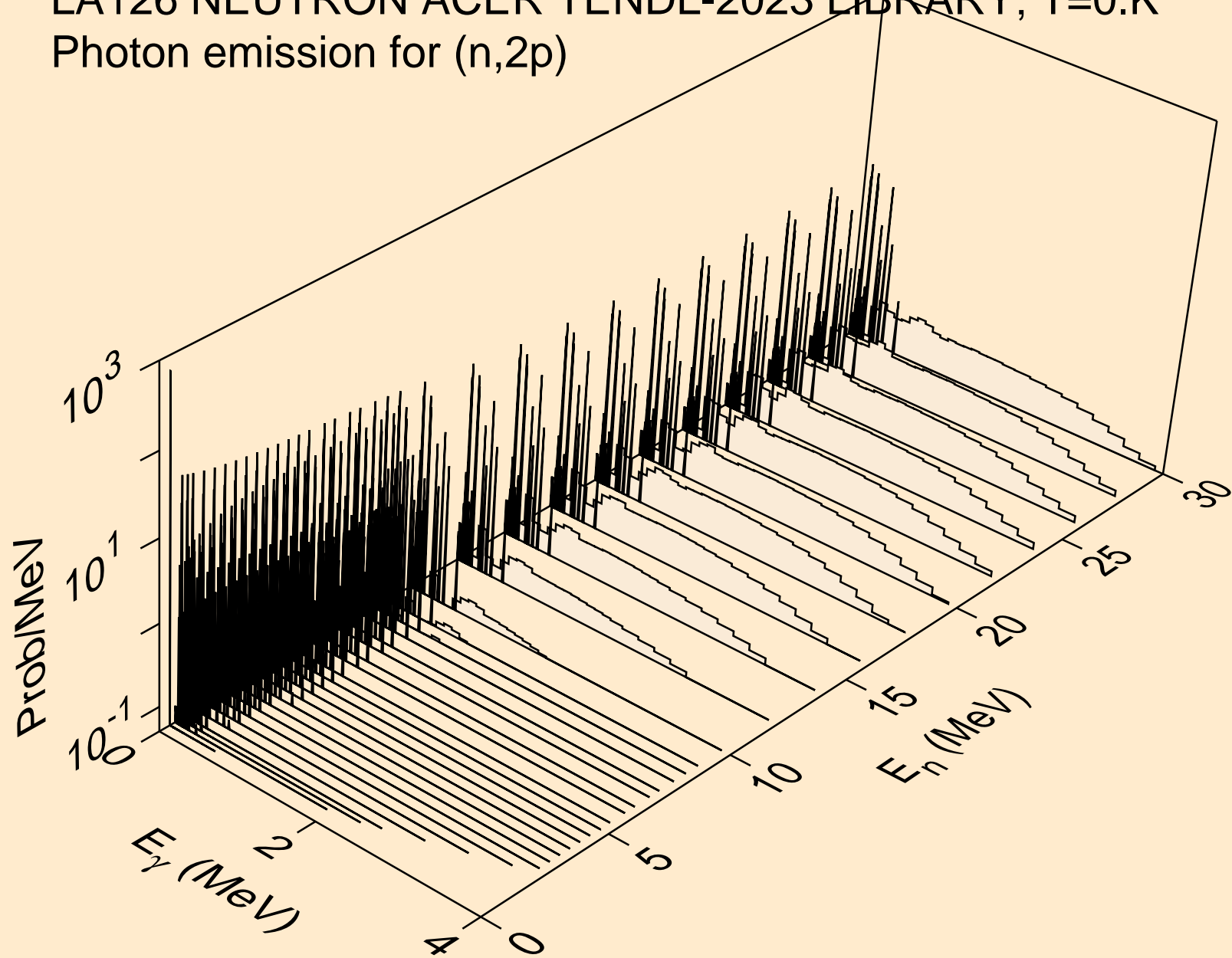




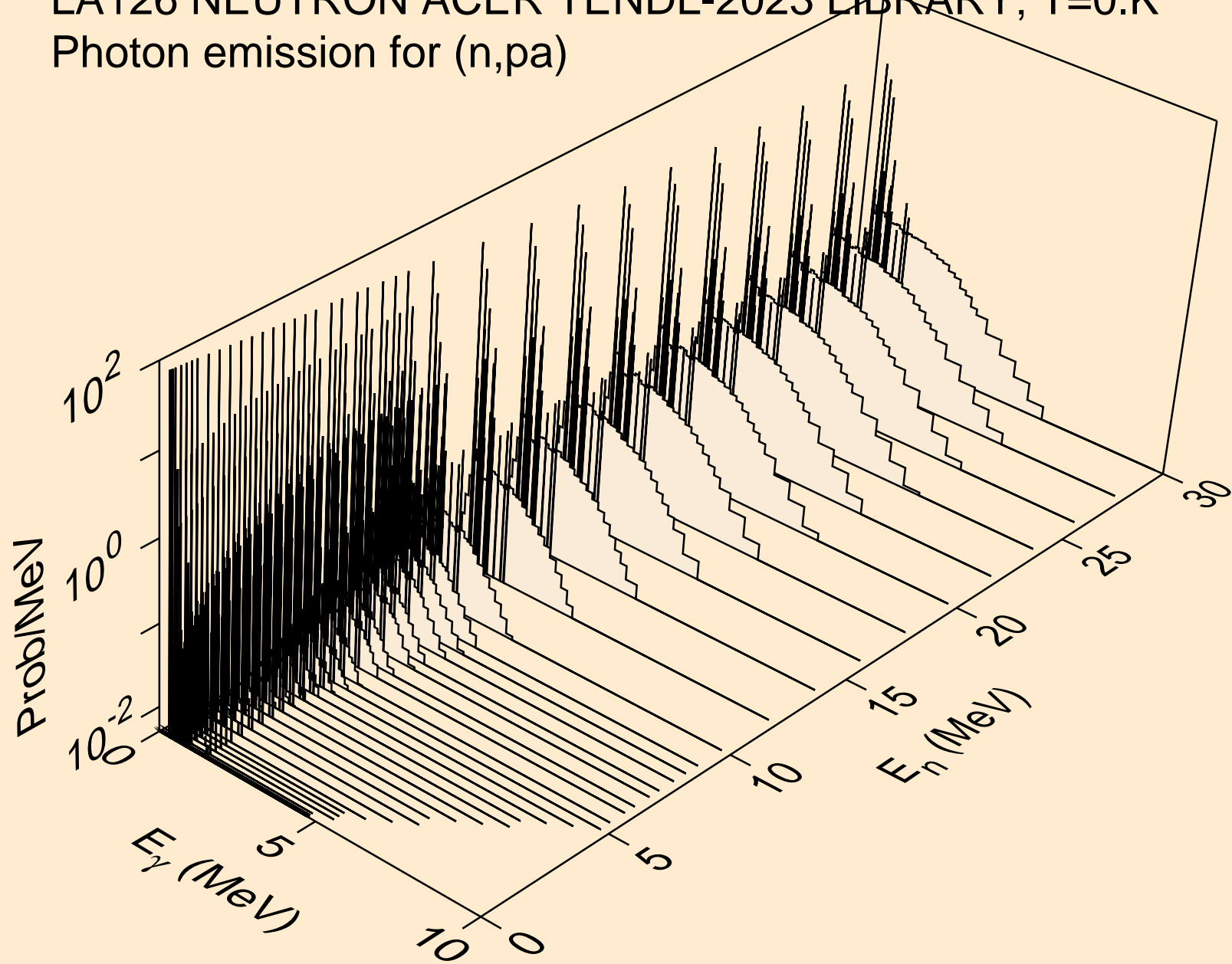
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



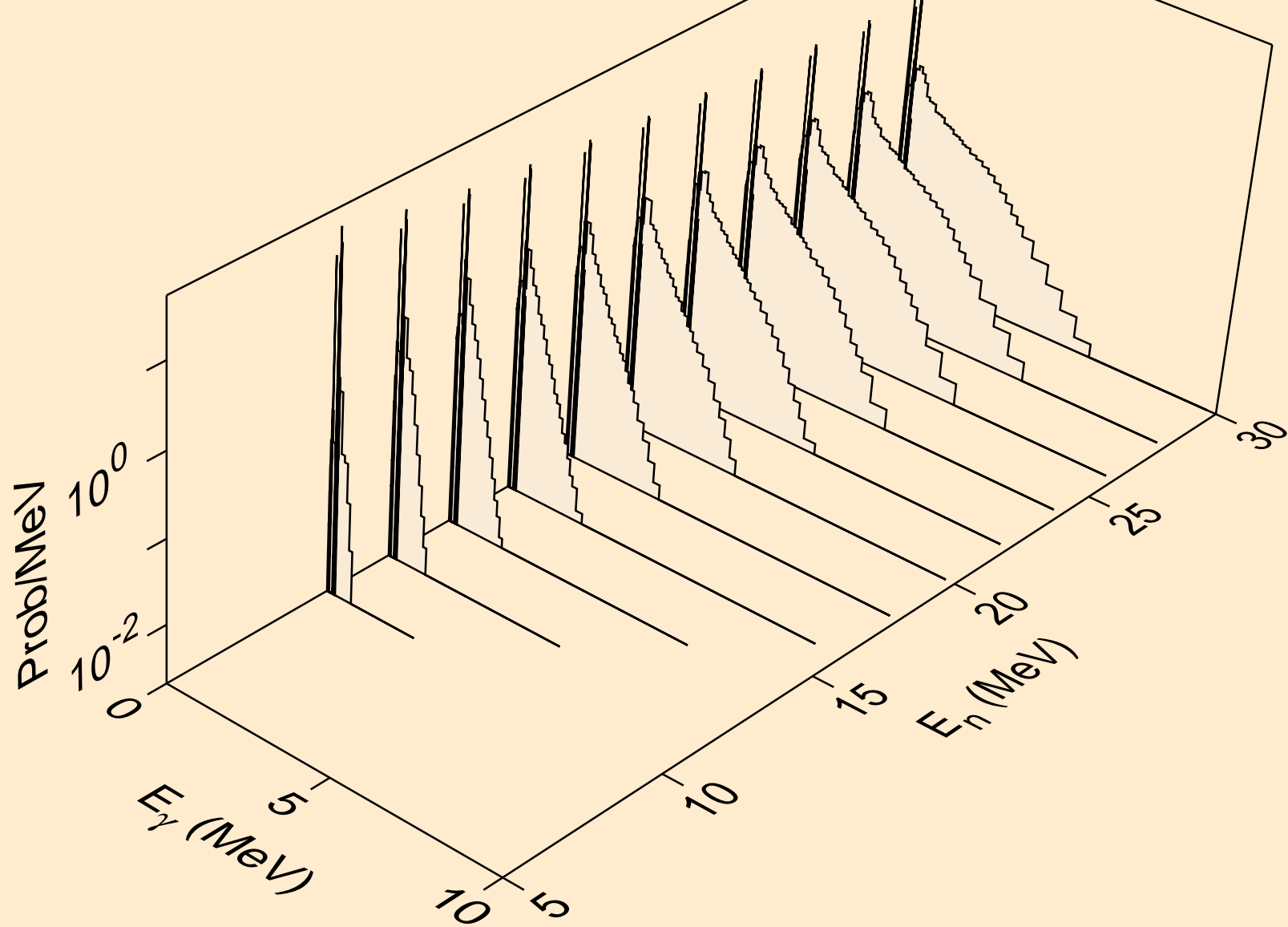
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



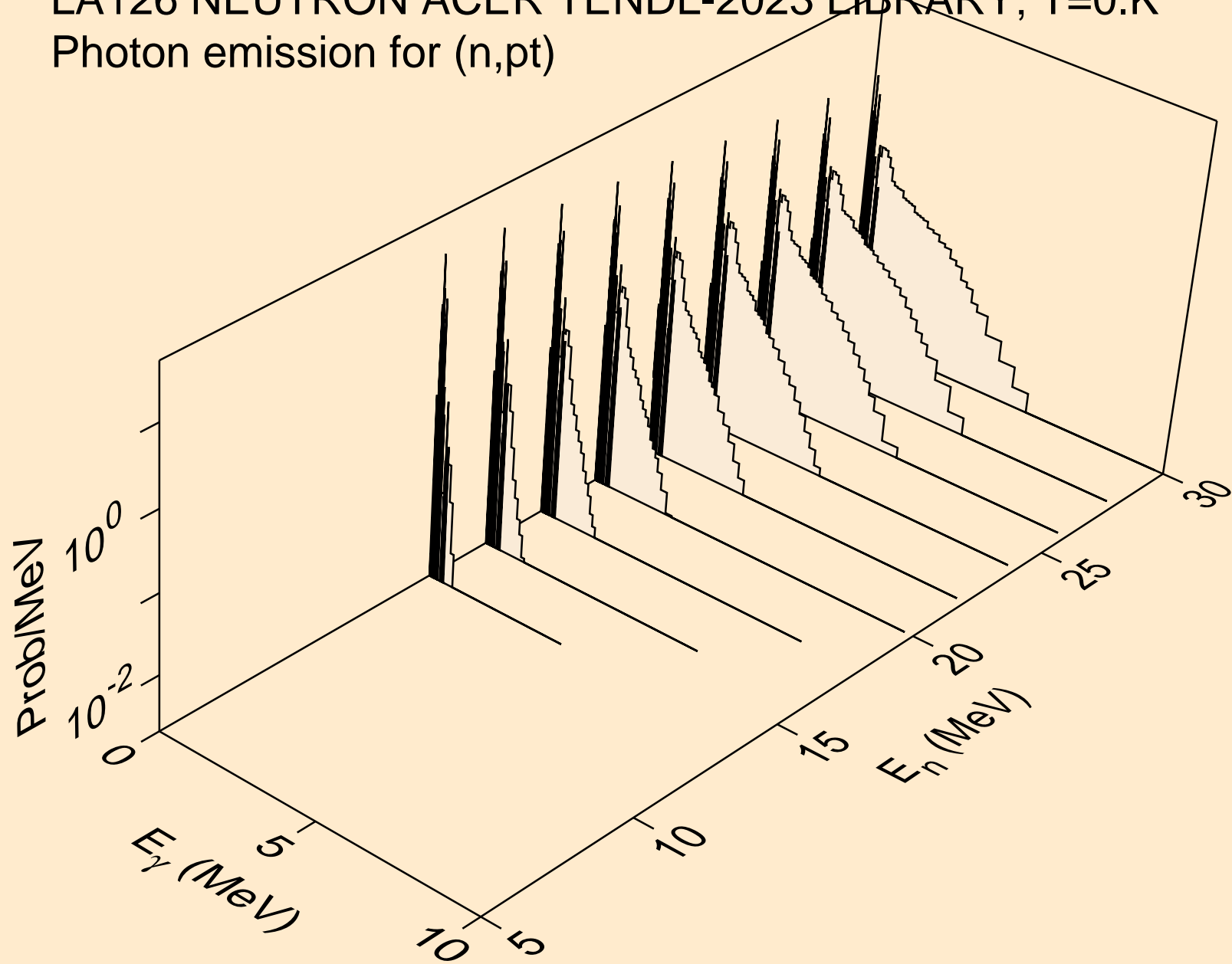
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



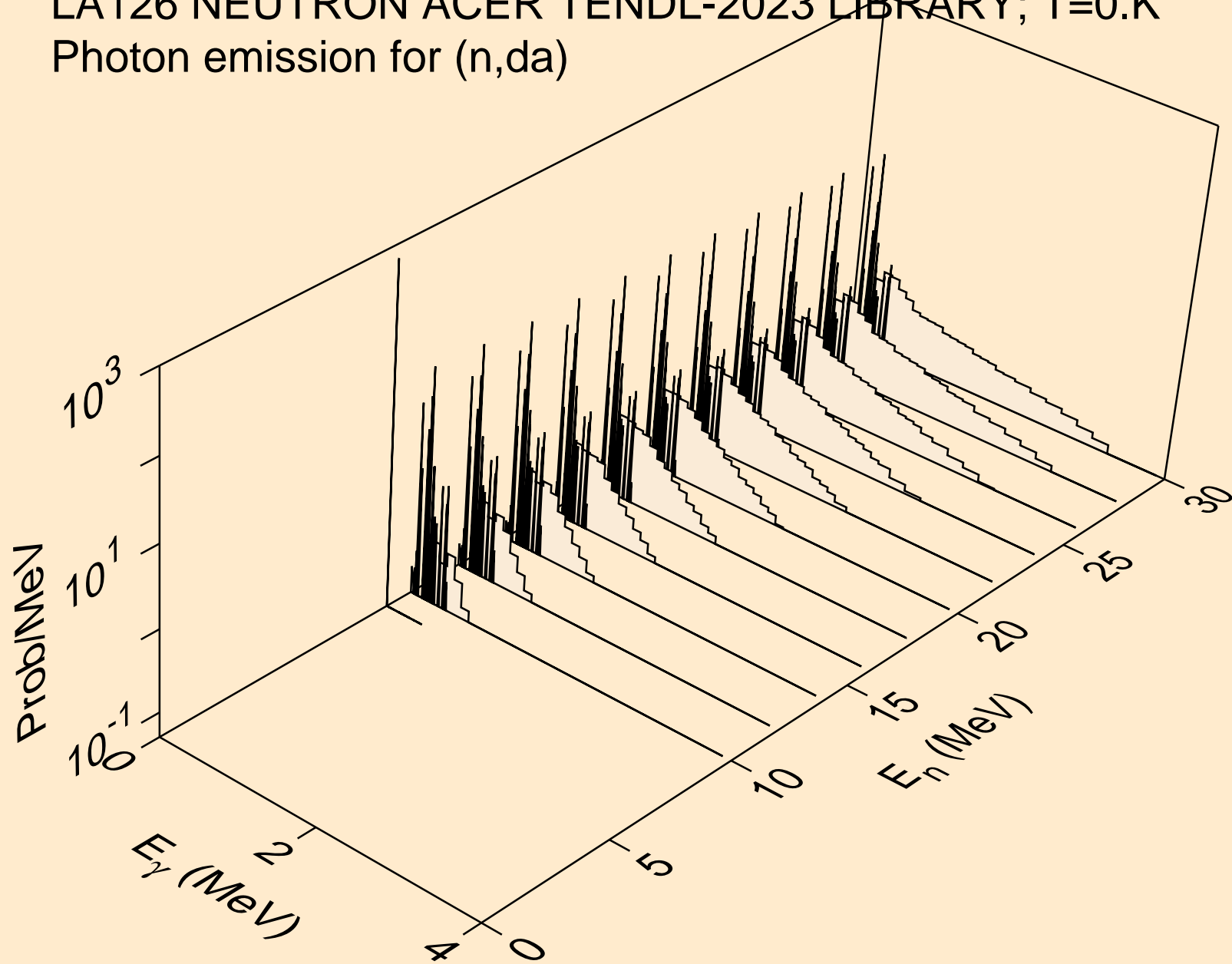
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



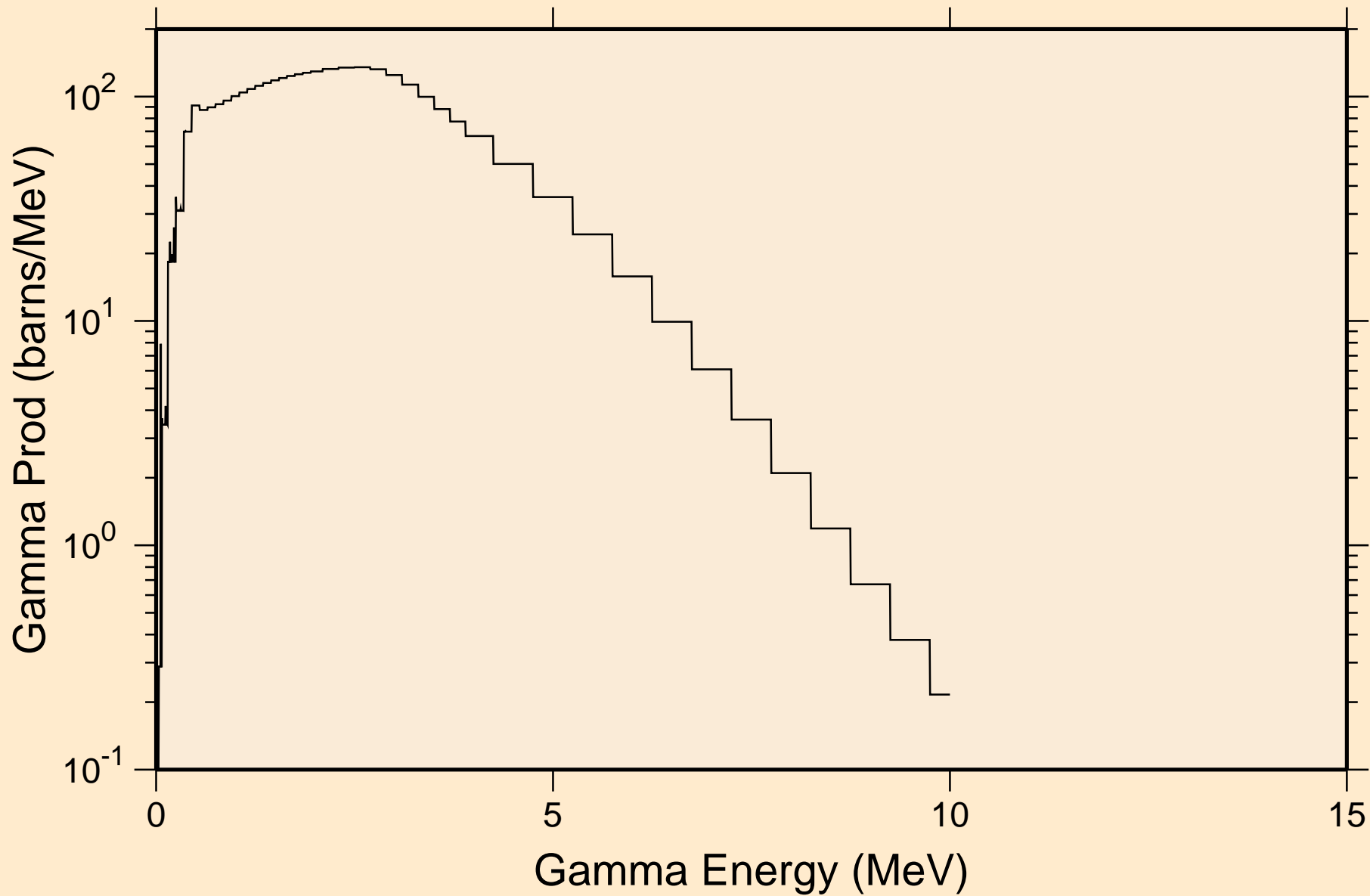
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



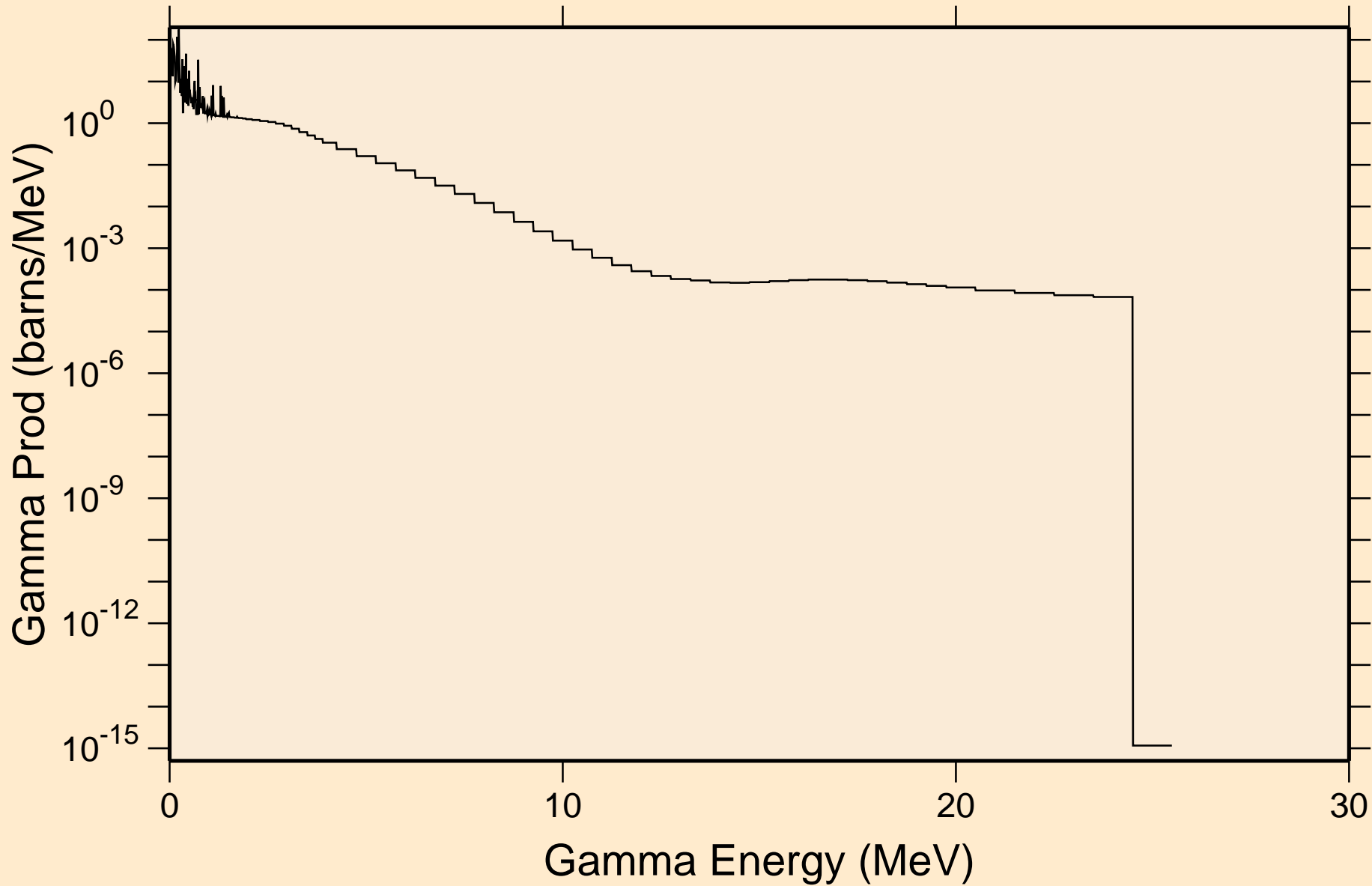
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

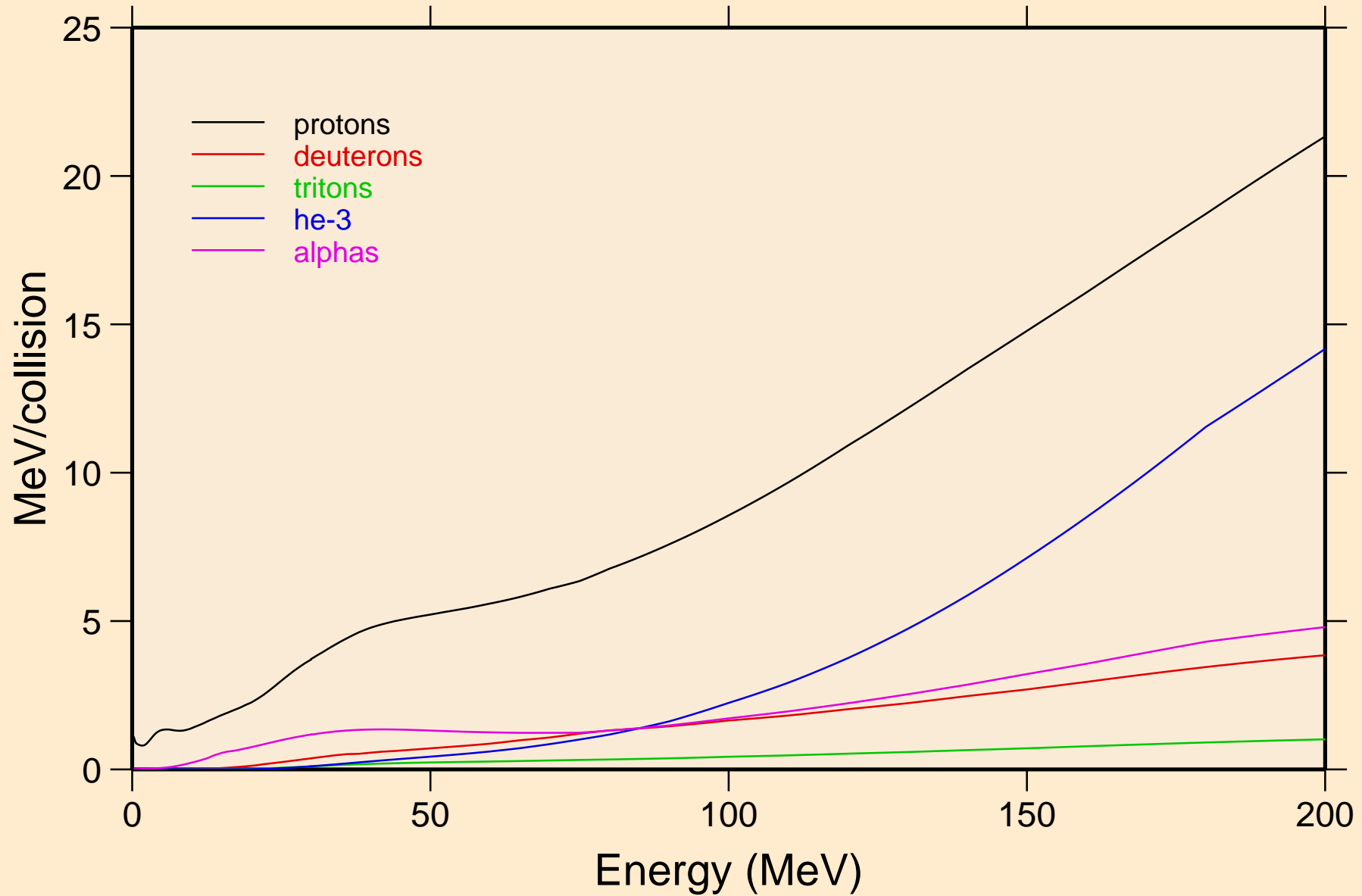


LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

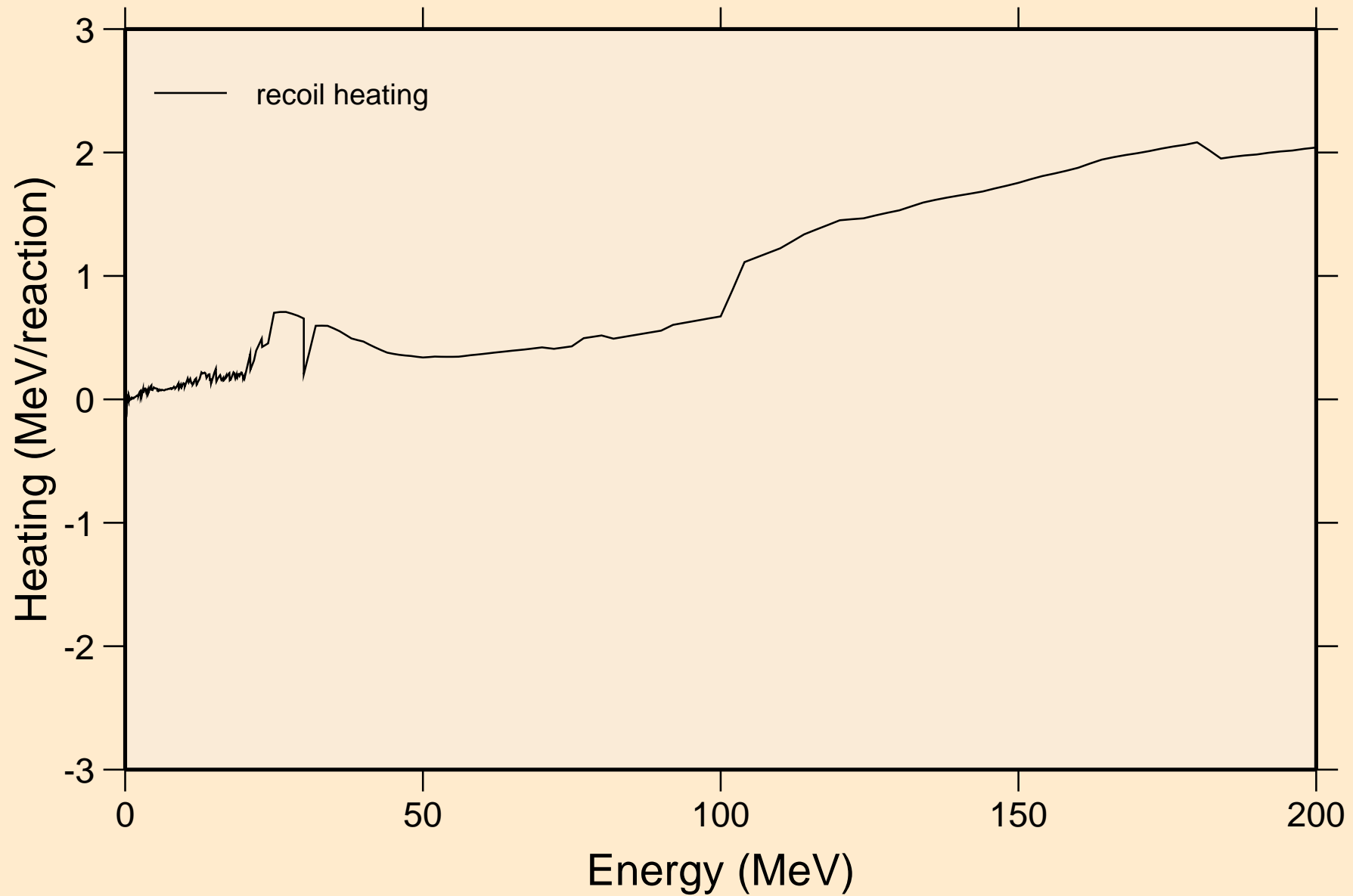




LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

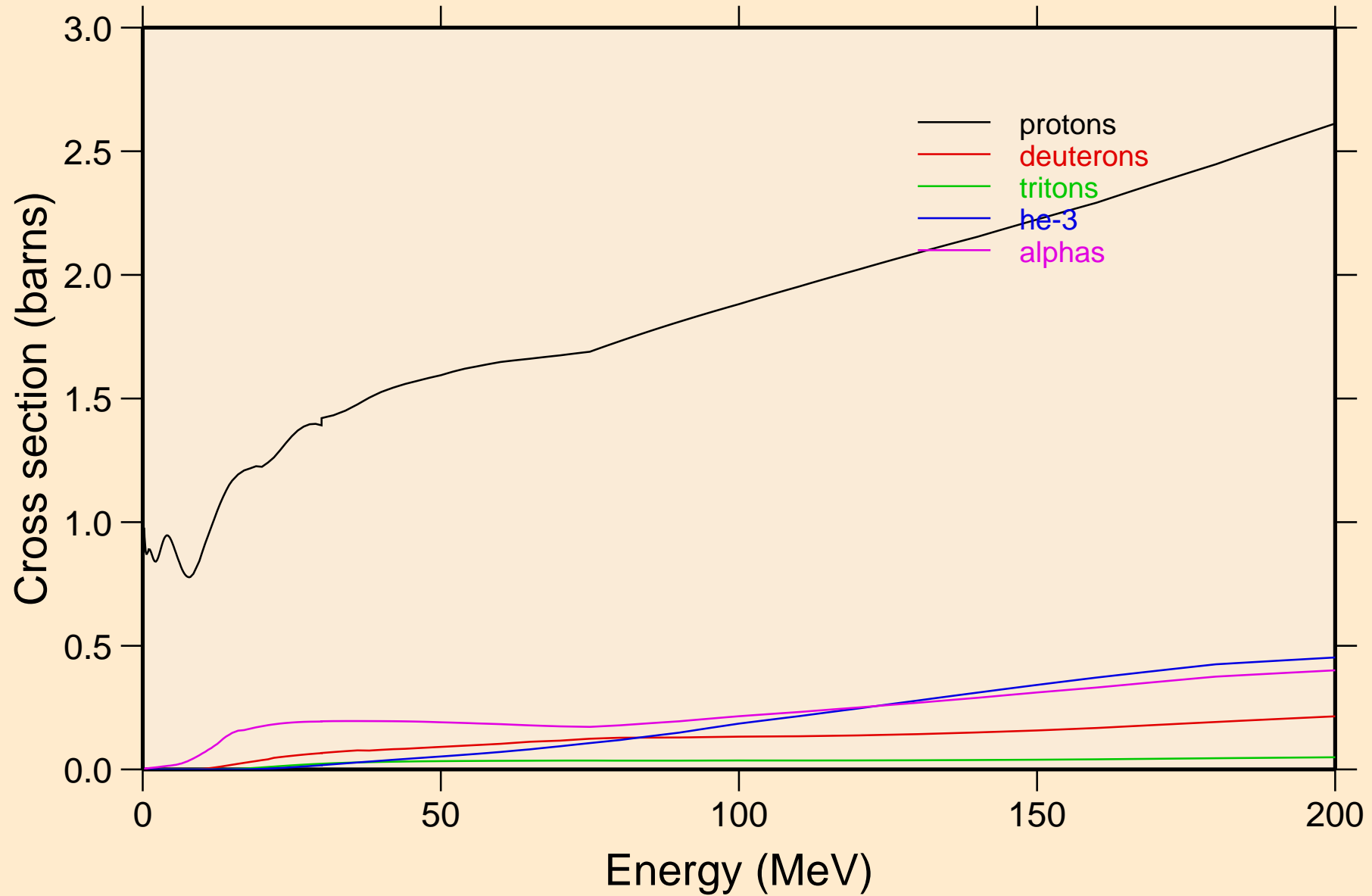


LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

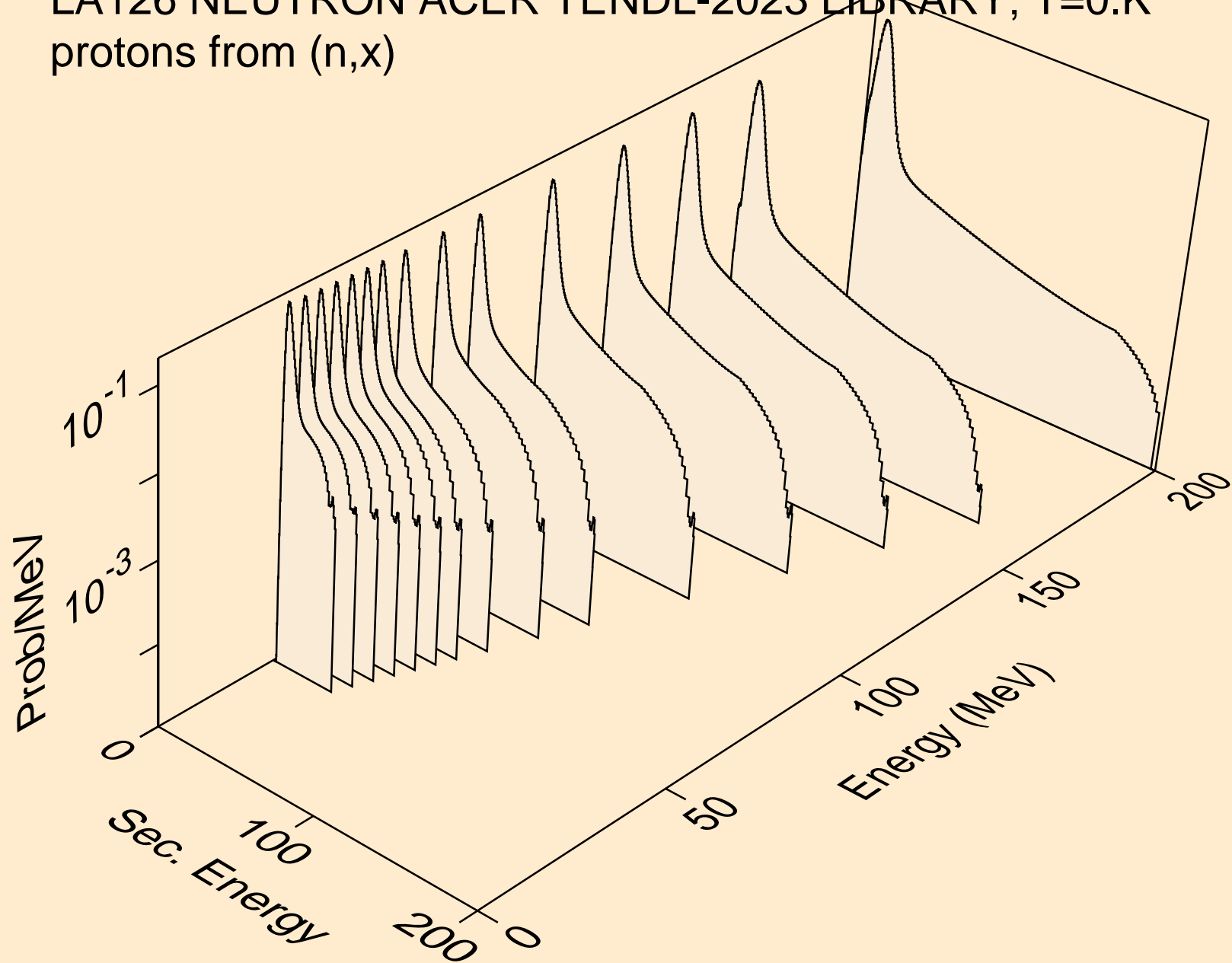


# LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

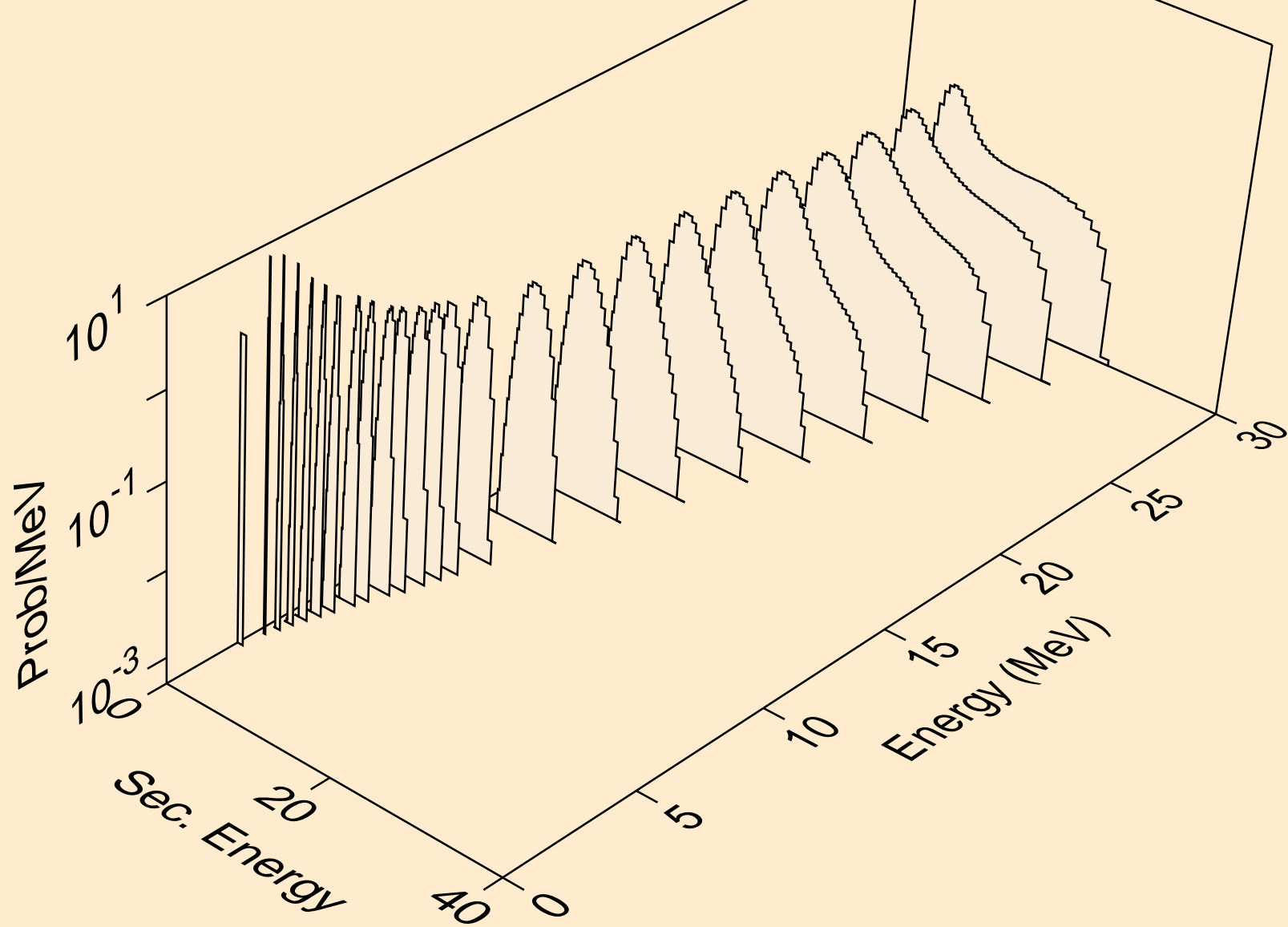
## Particle production cross sections



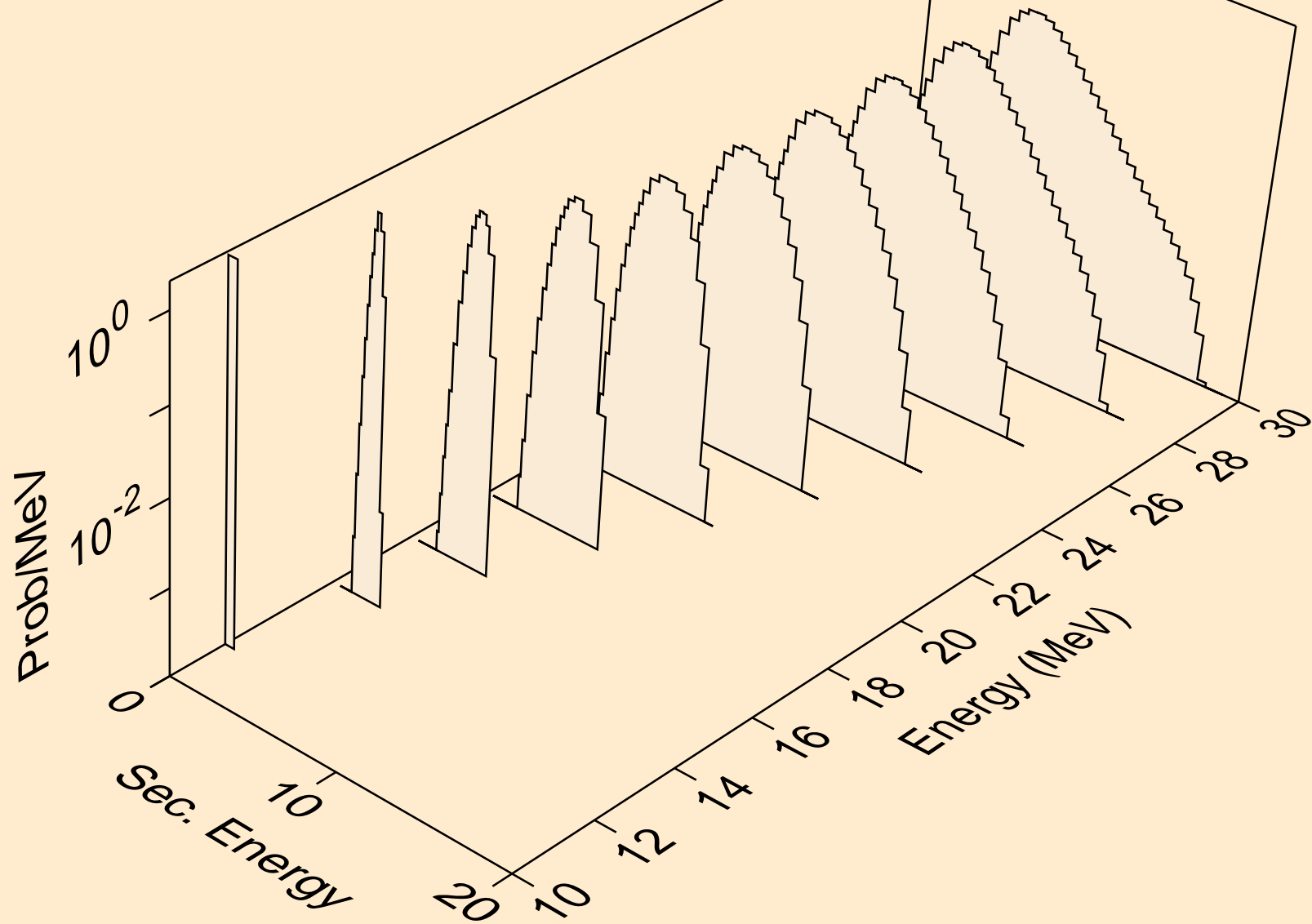
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



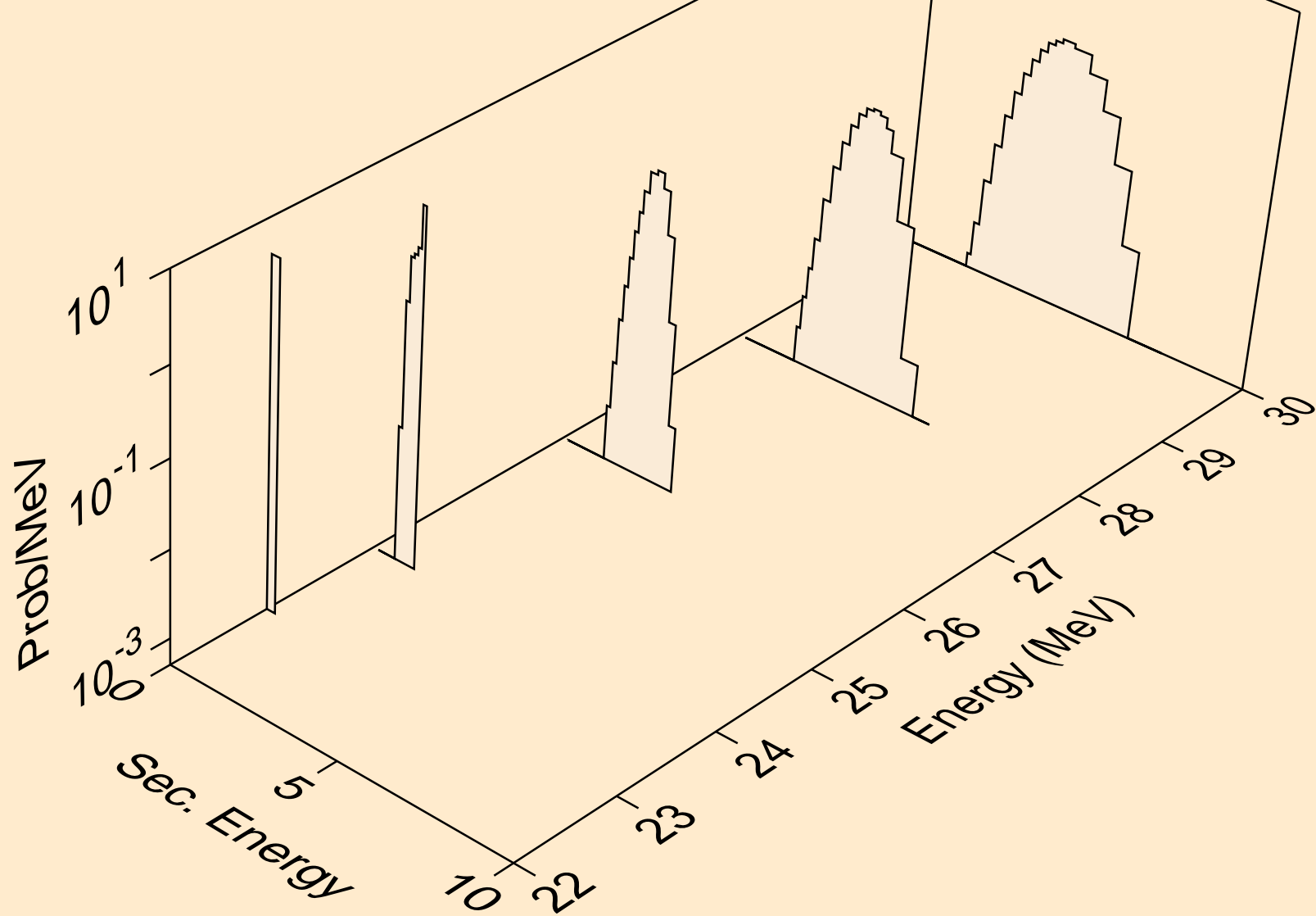
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



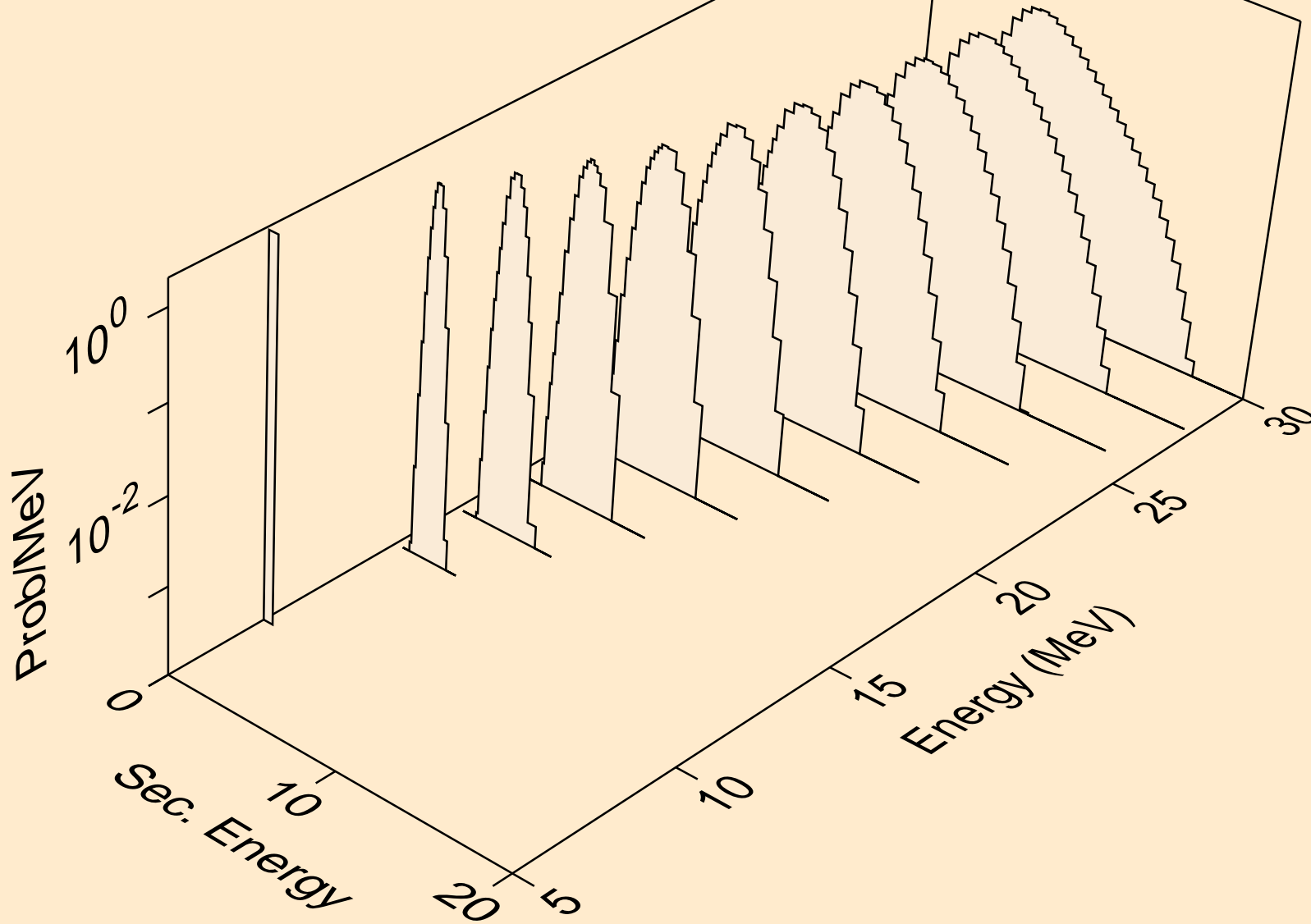
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

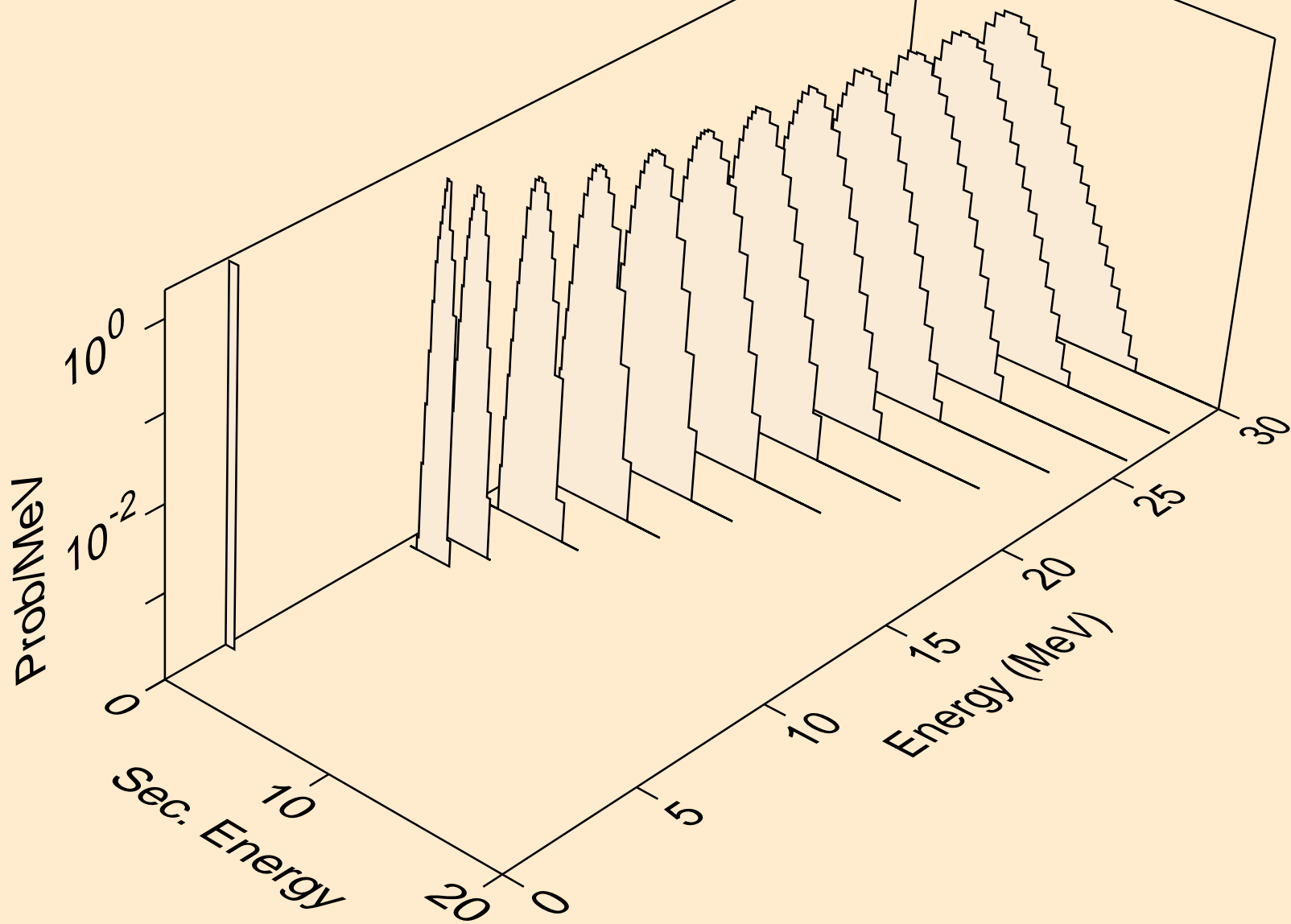


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protons from (n,n2p)

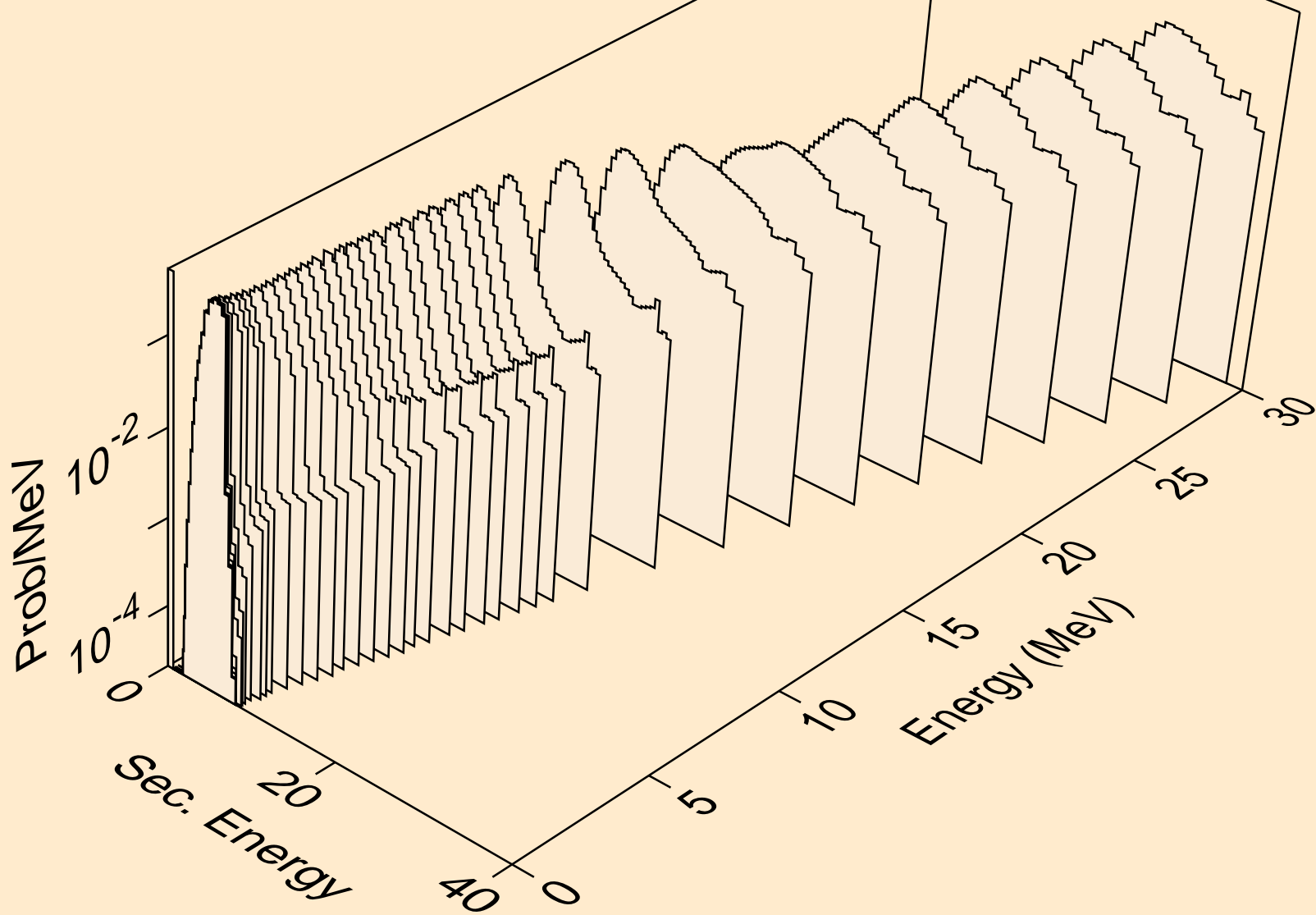




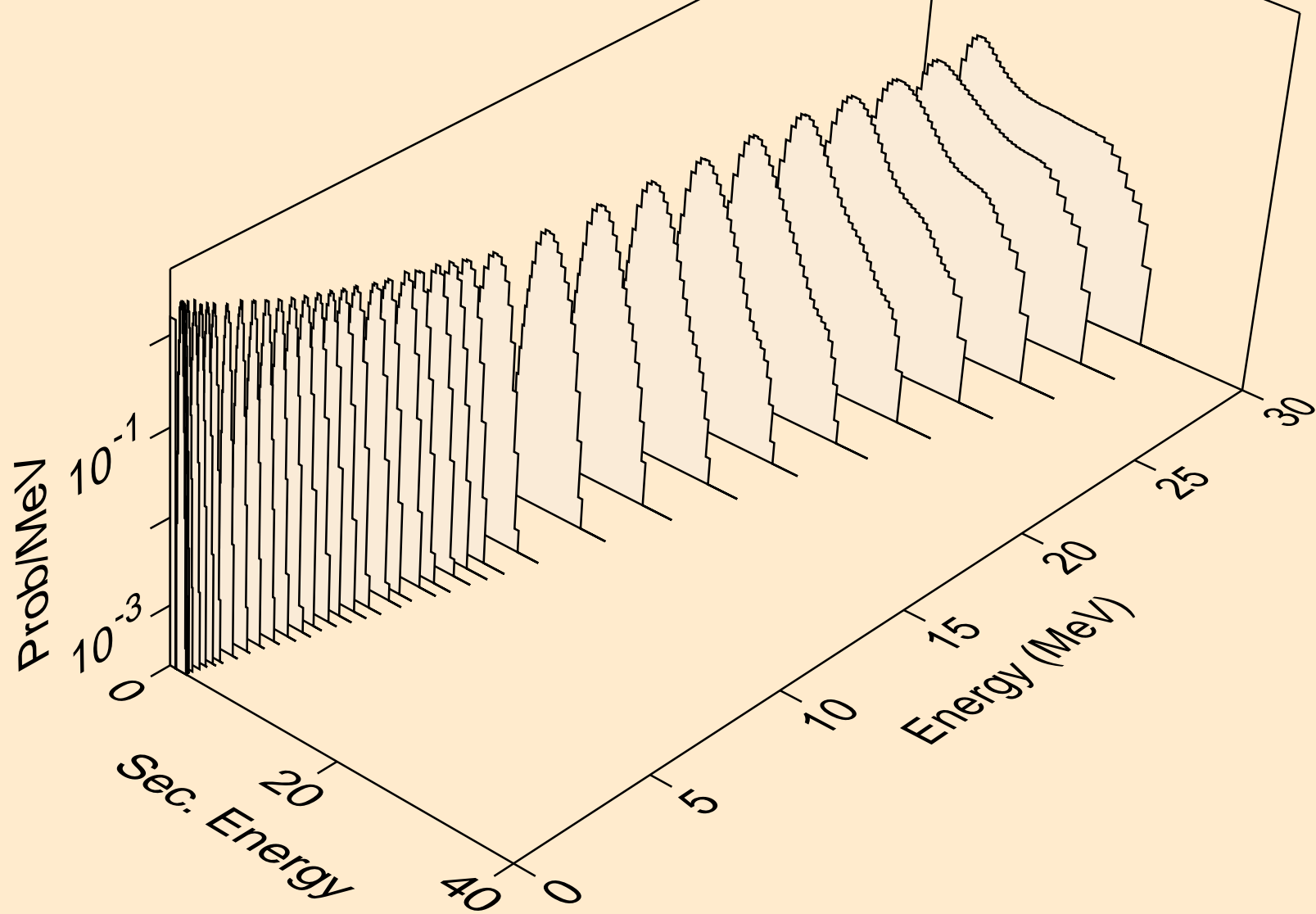
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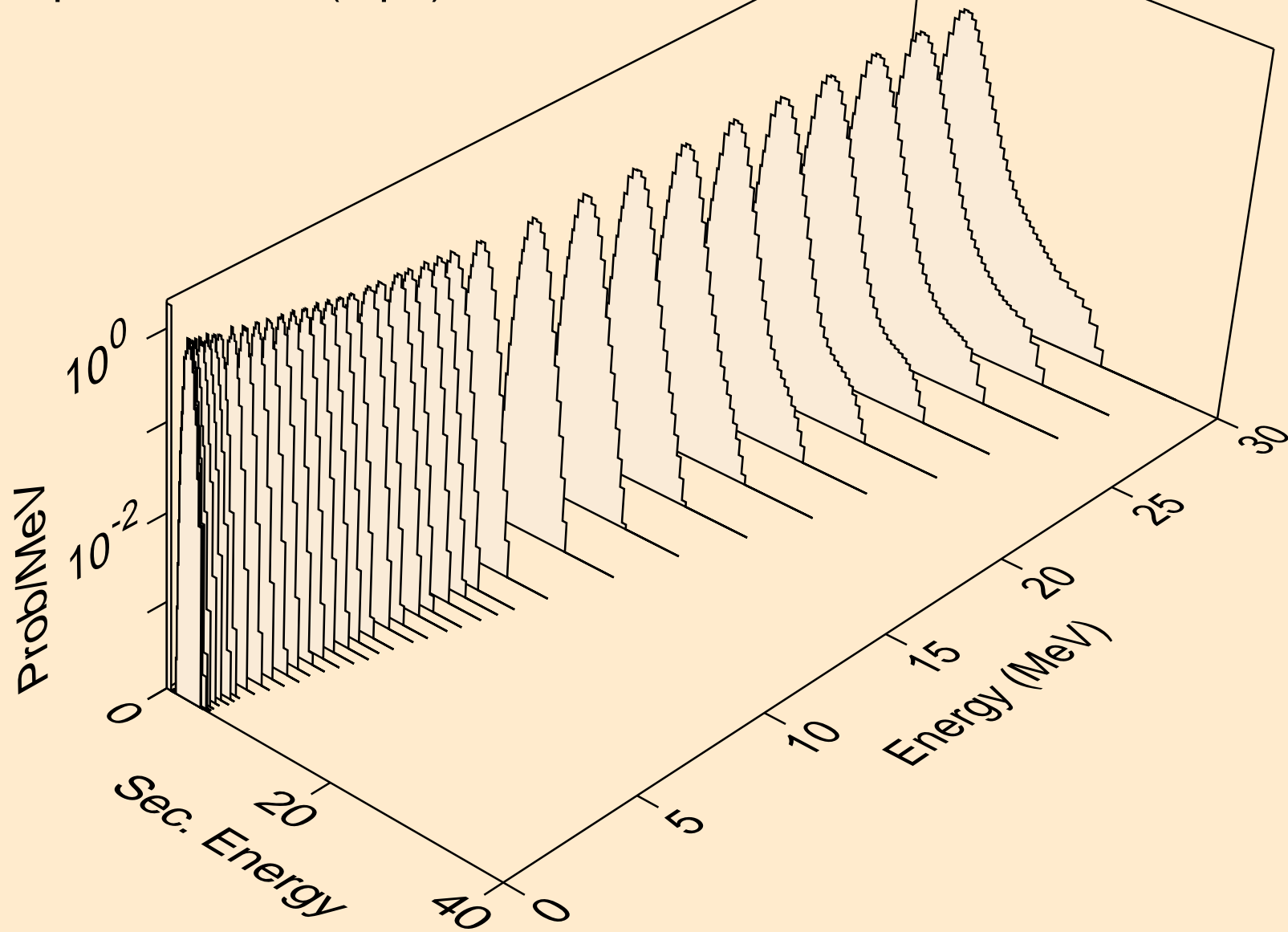
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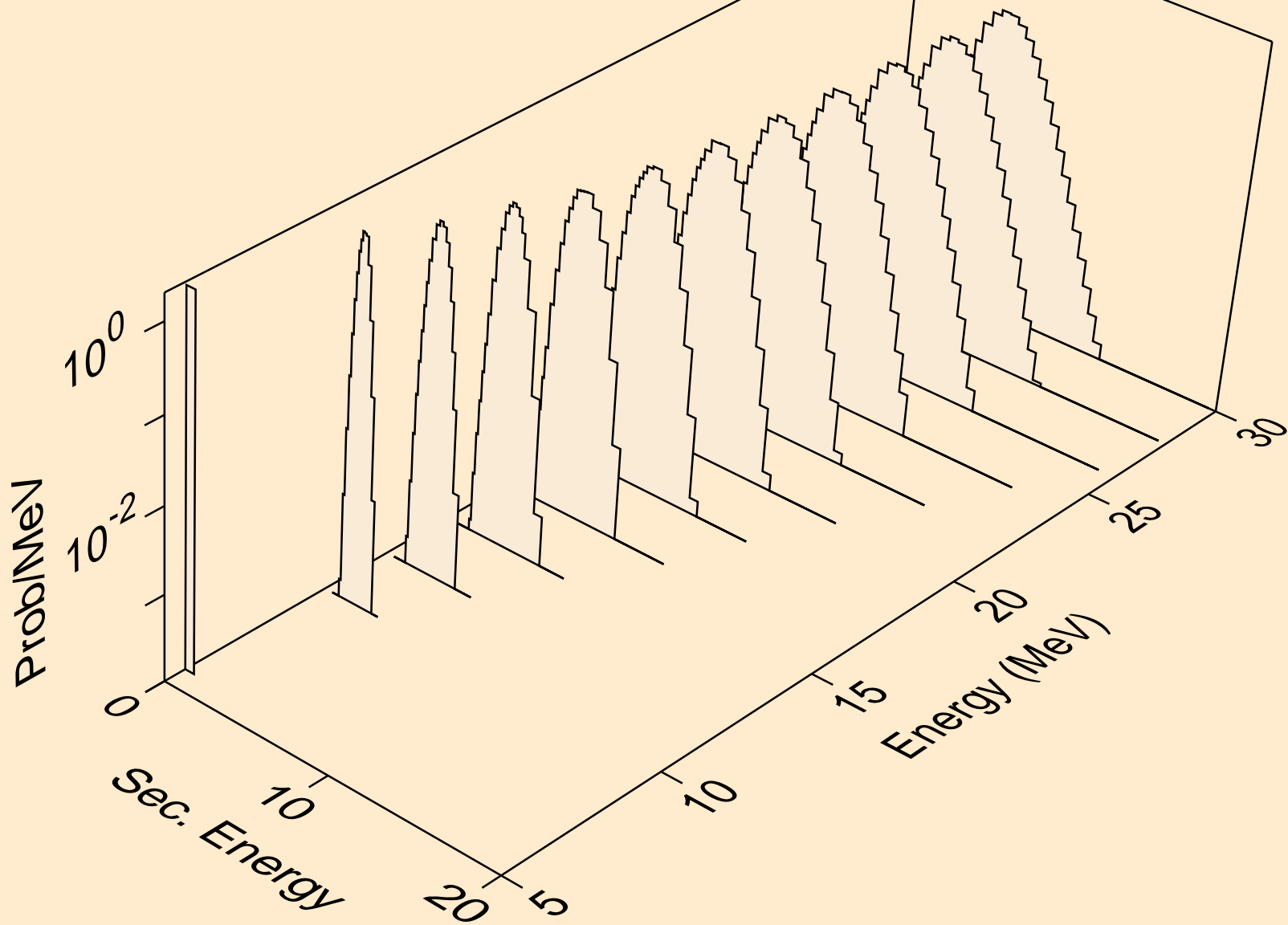
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protons from (n,2p)



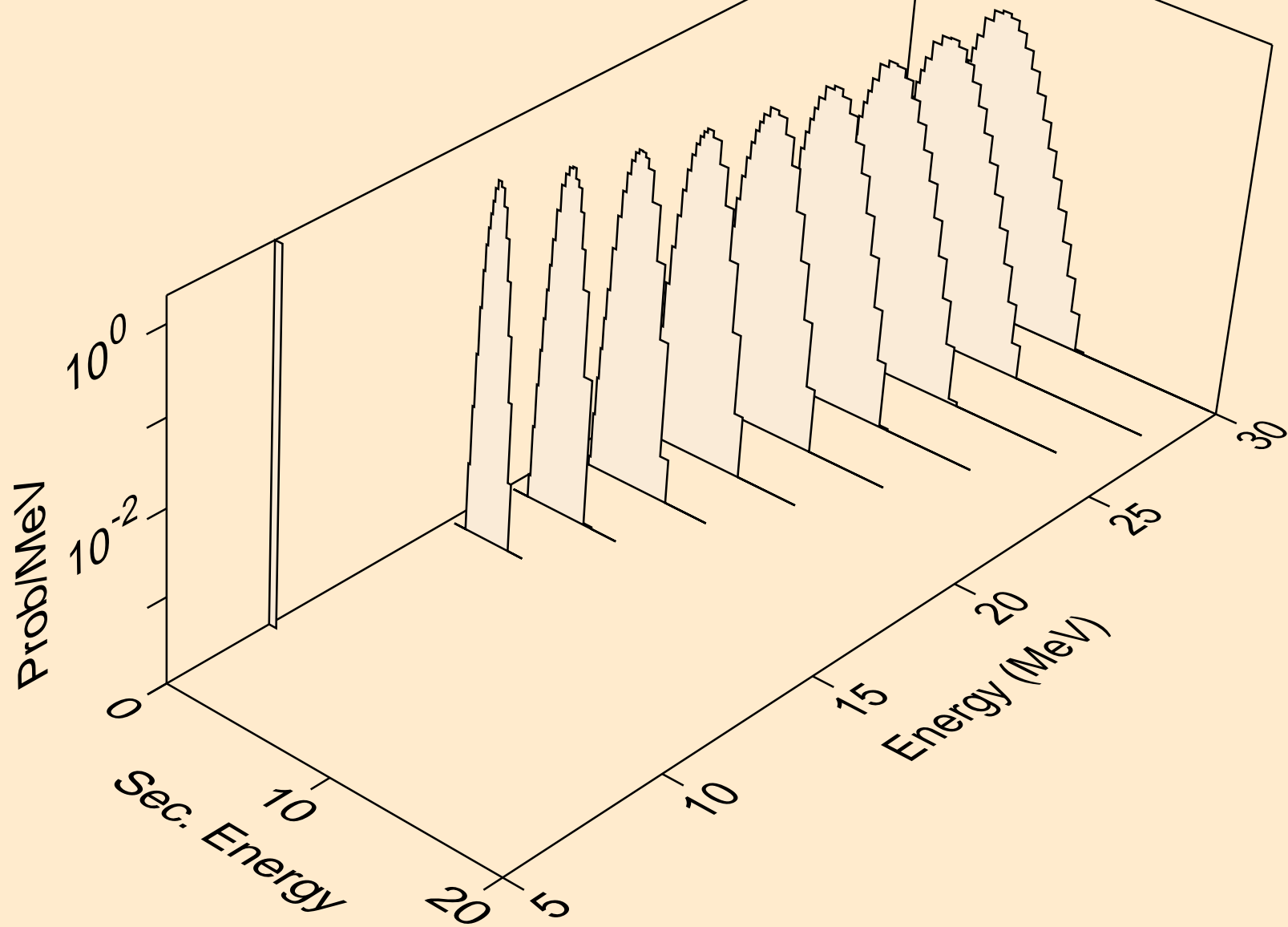
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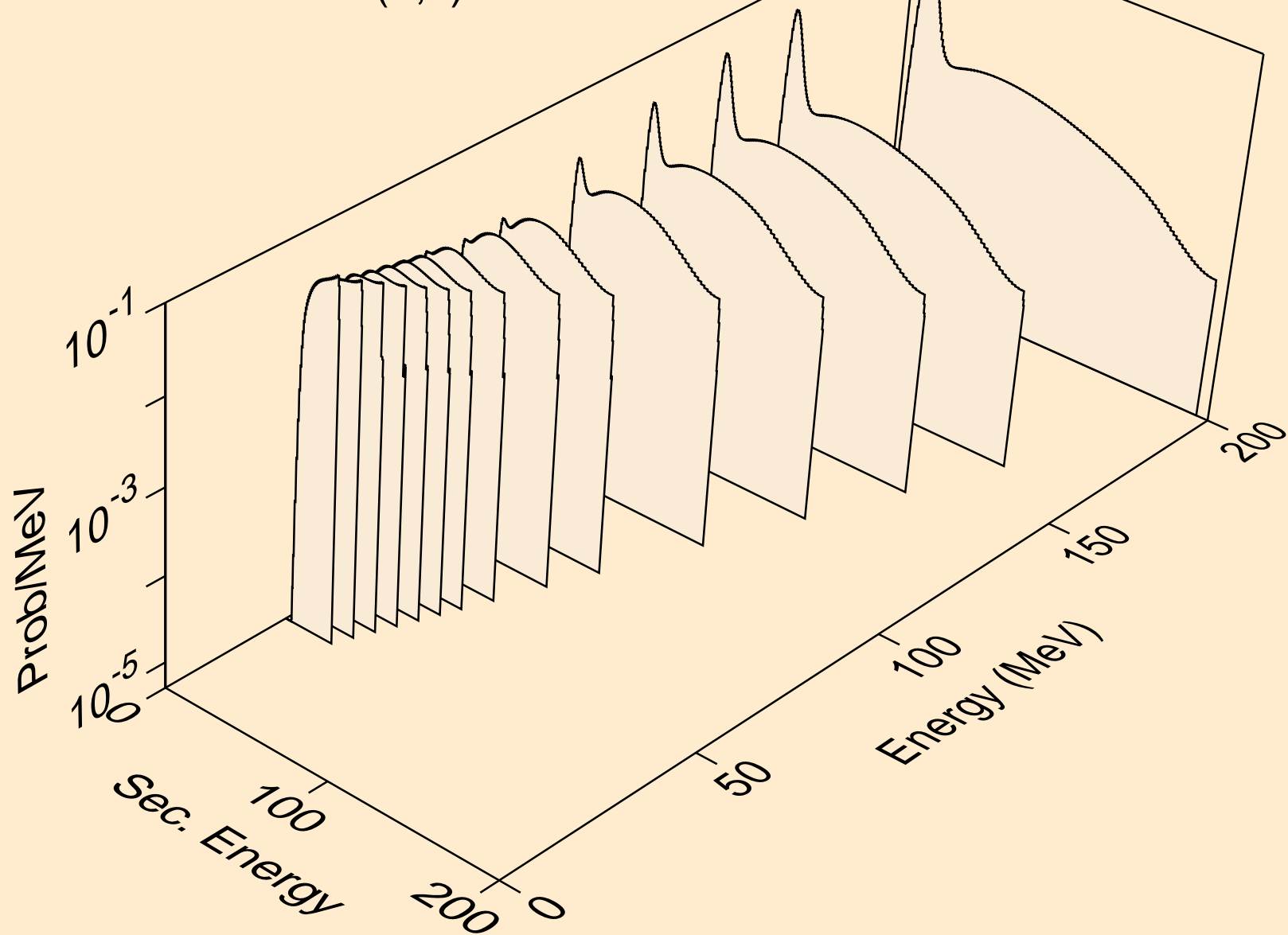
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protons from (n,pd)



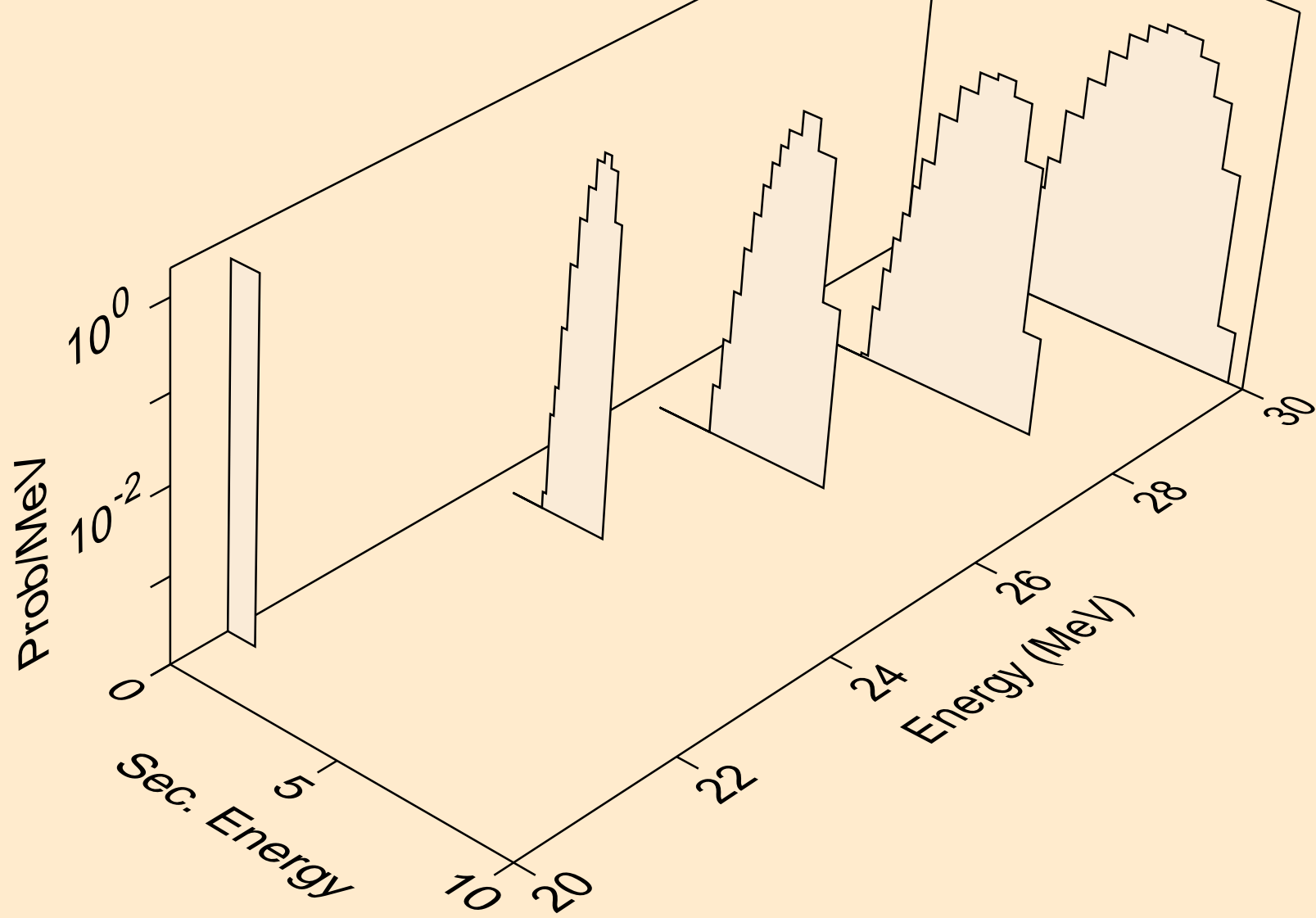
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protons from (n,pt)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

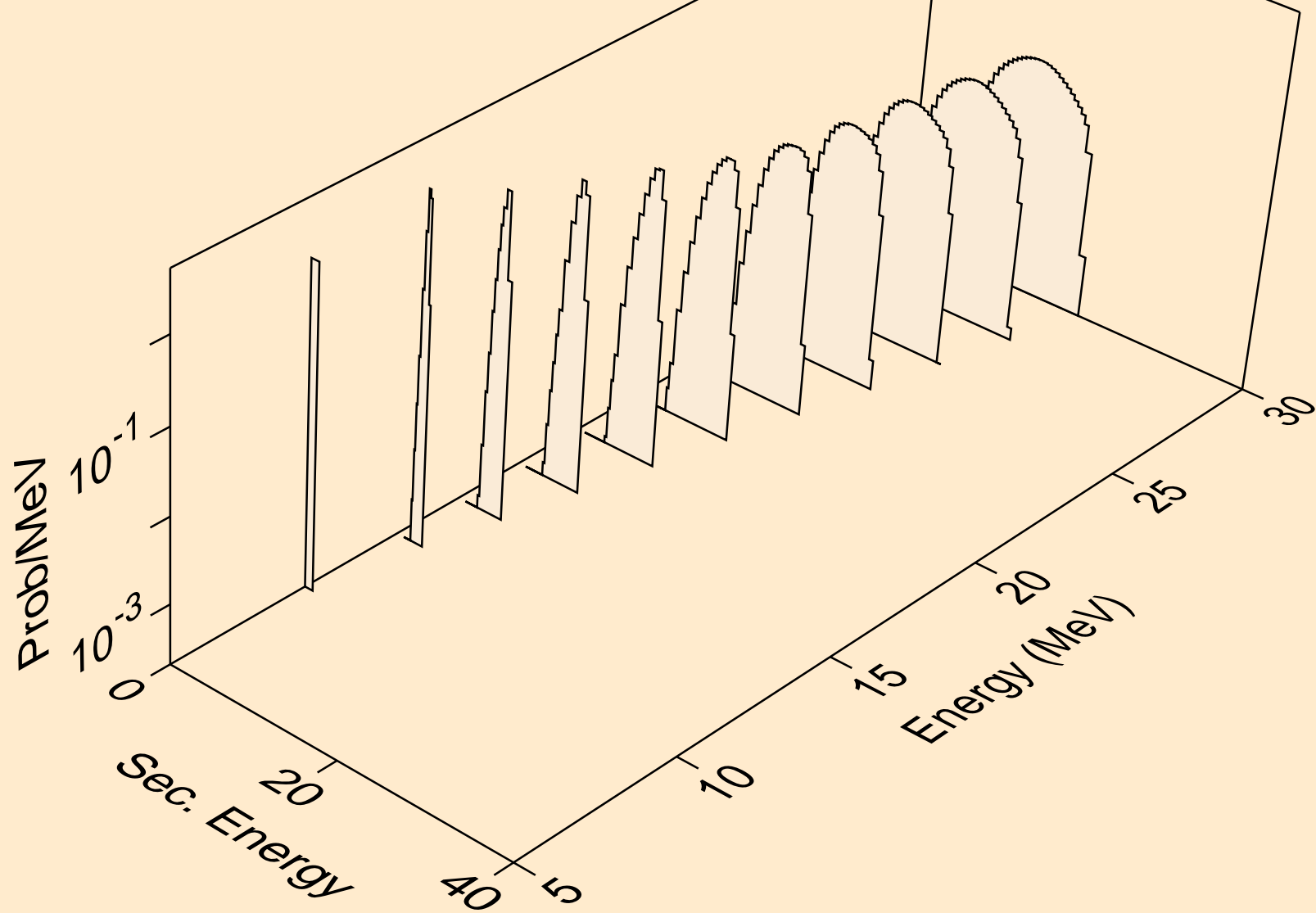


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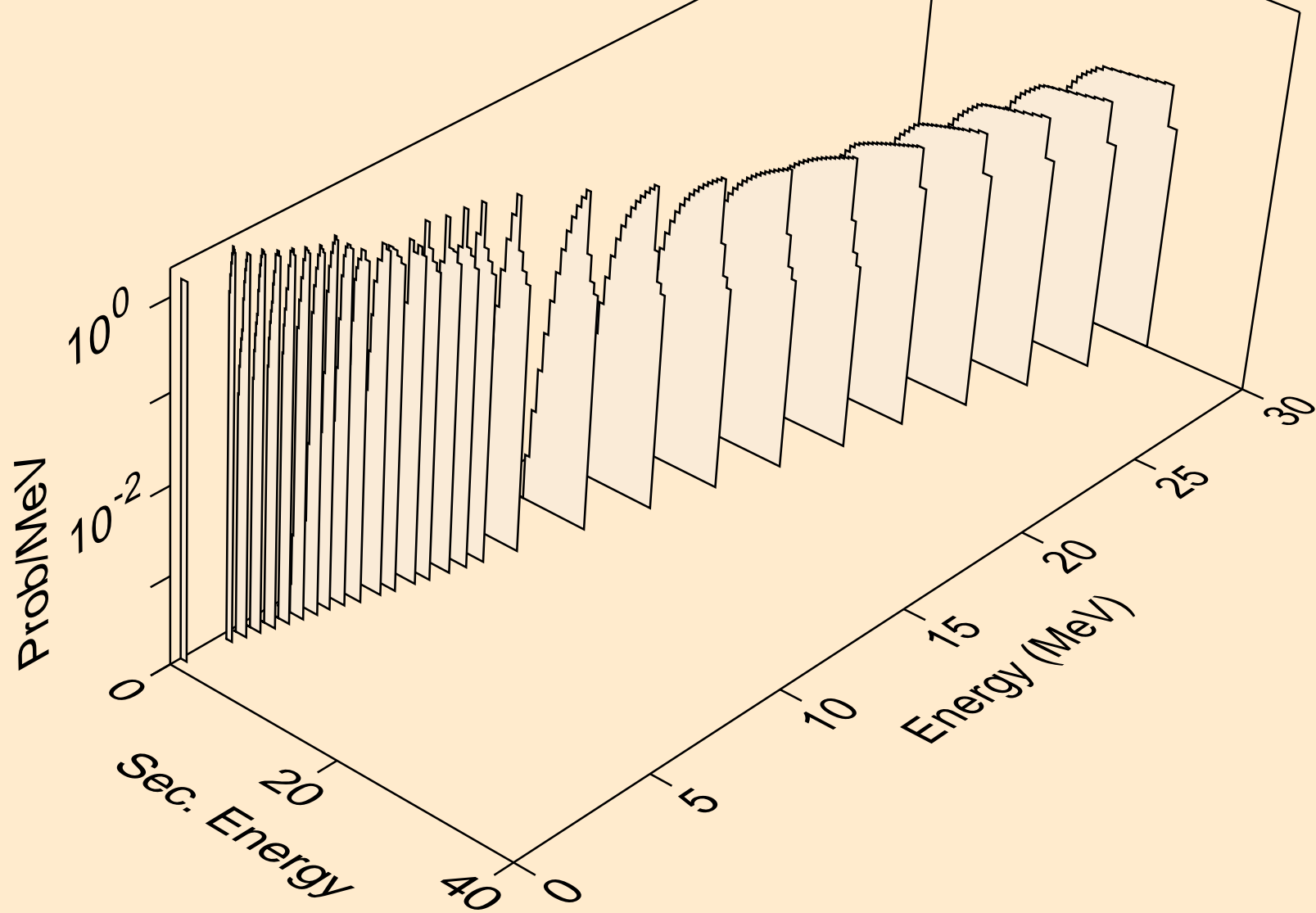




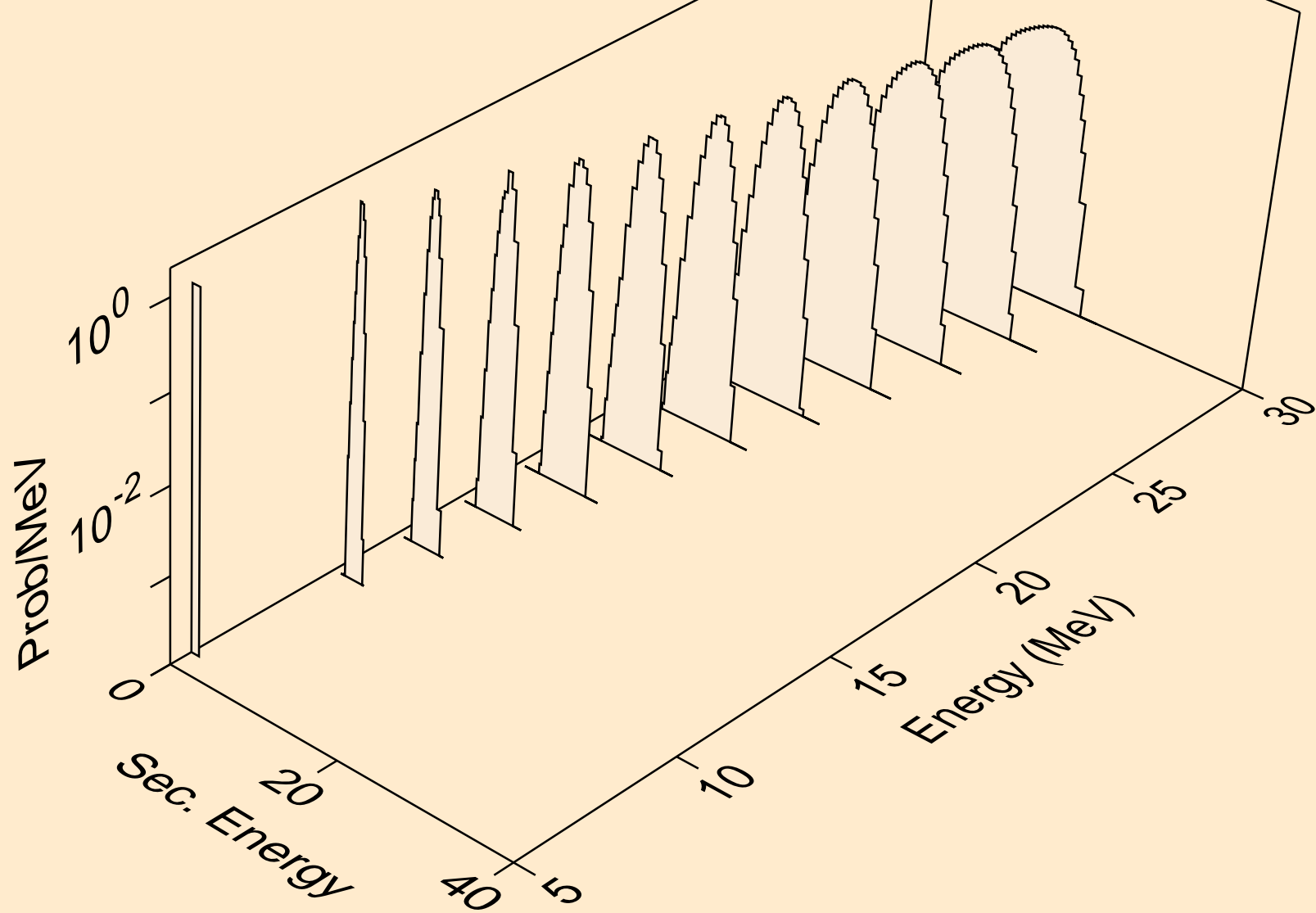
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deuterons from (n,n\*)d



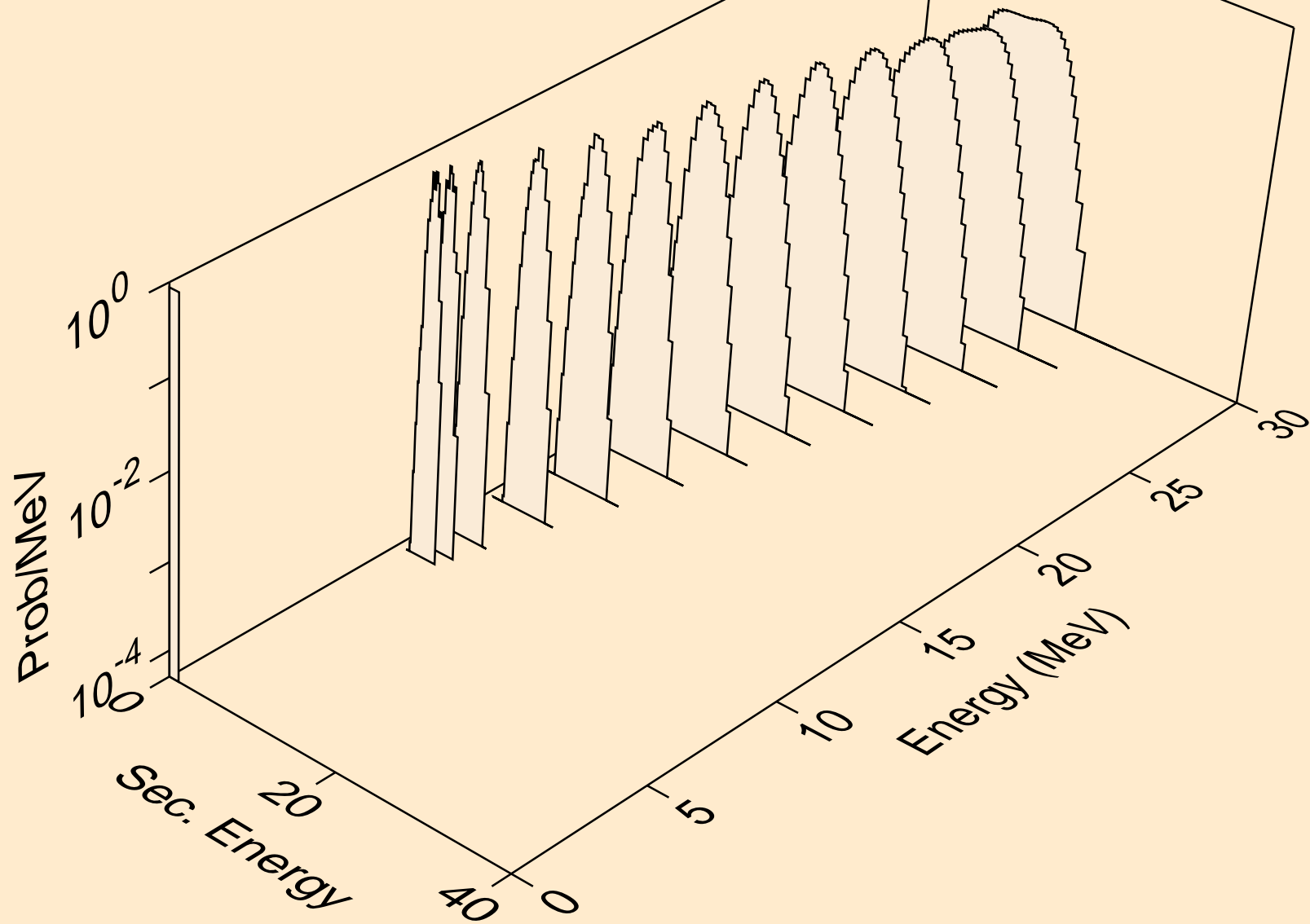
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deuterons from (n,d)



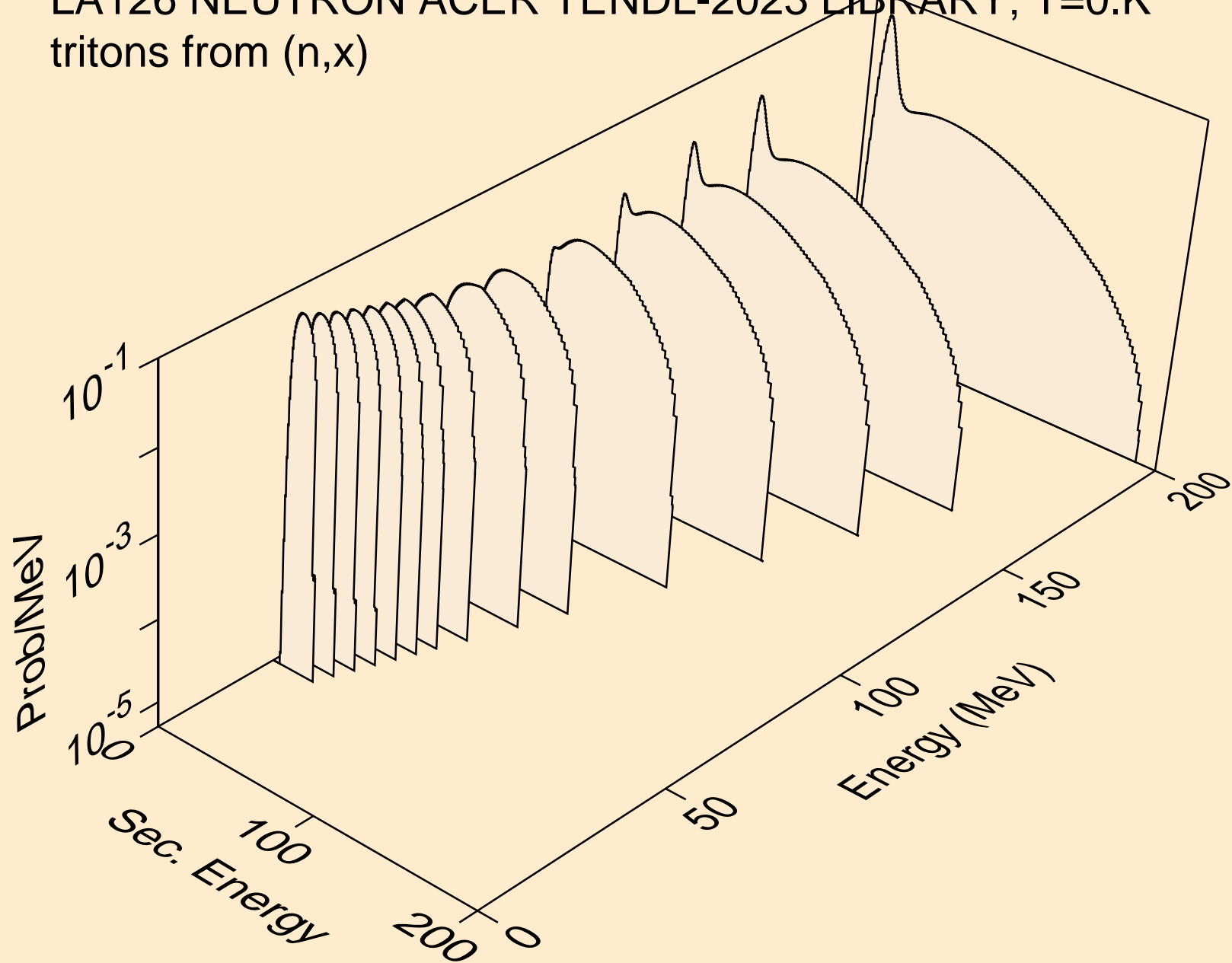
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deuterons from (n,pd)



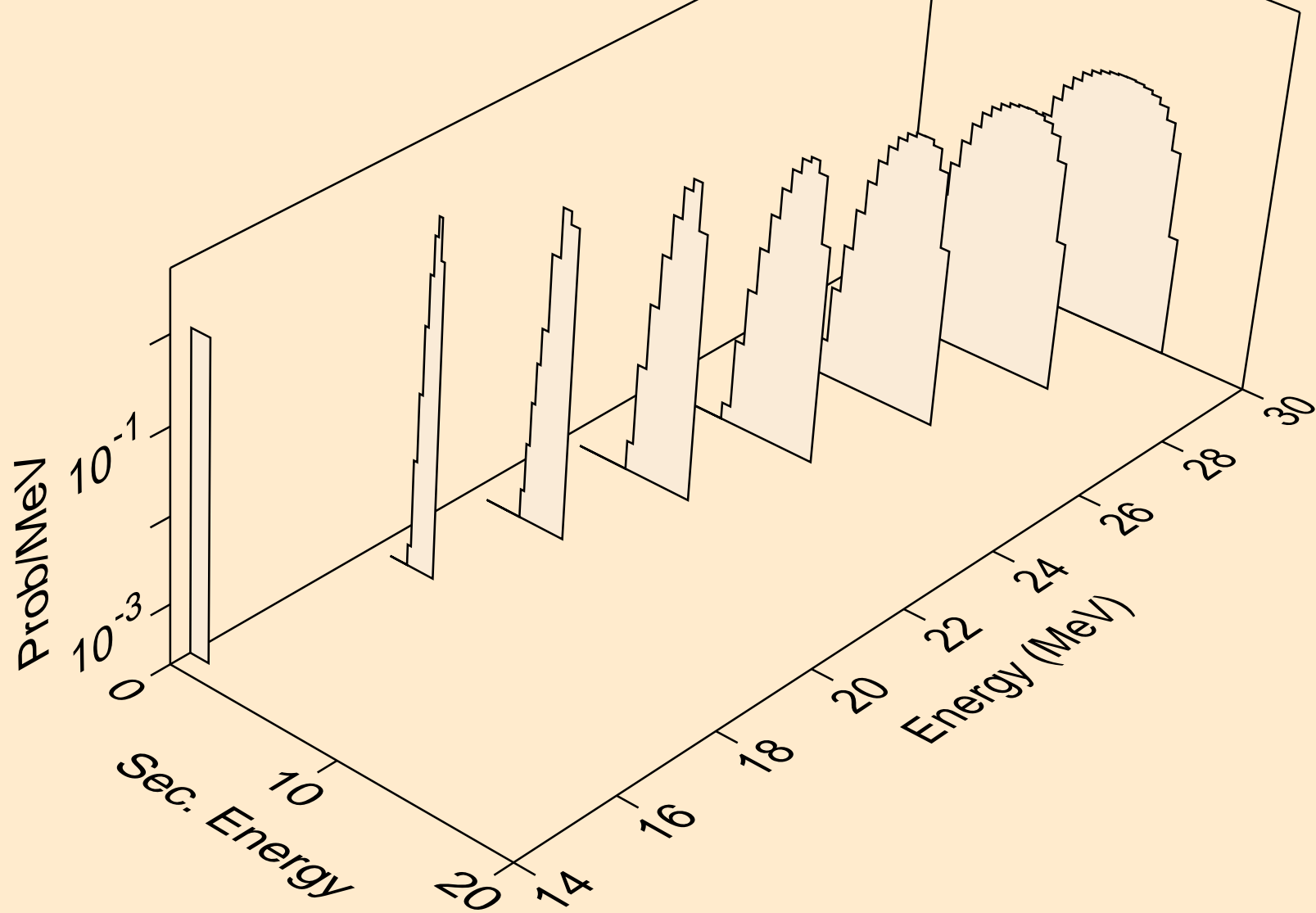
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deuterons from (n,da)



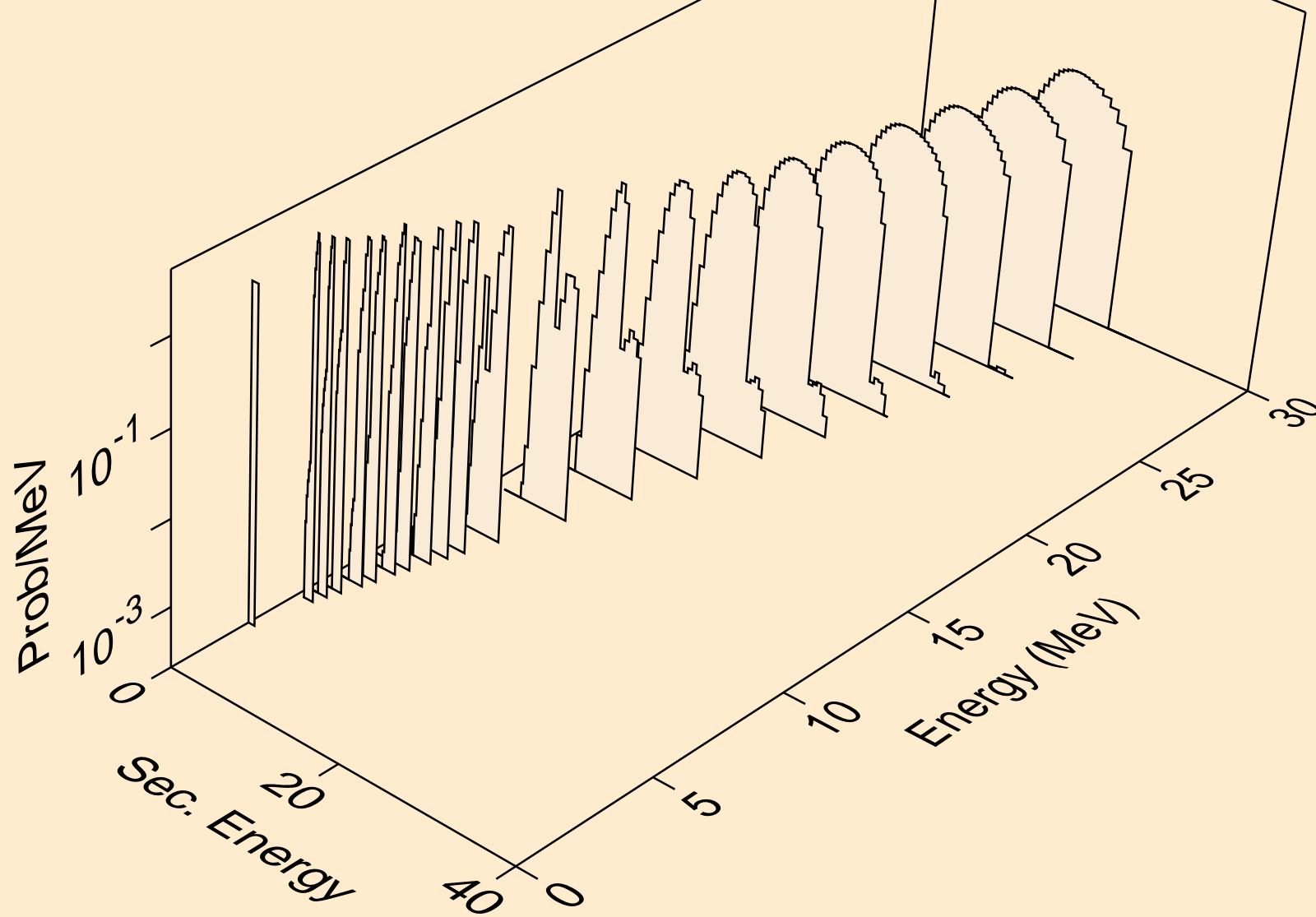
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tritons from (n,x)



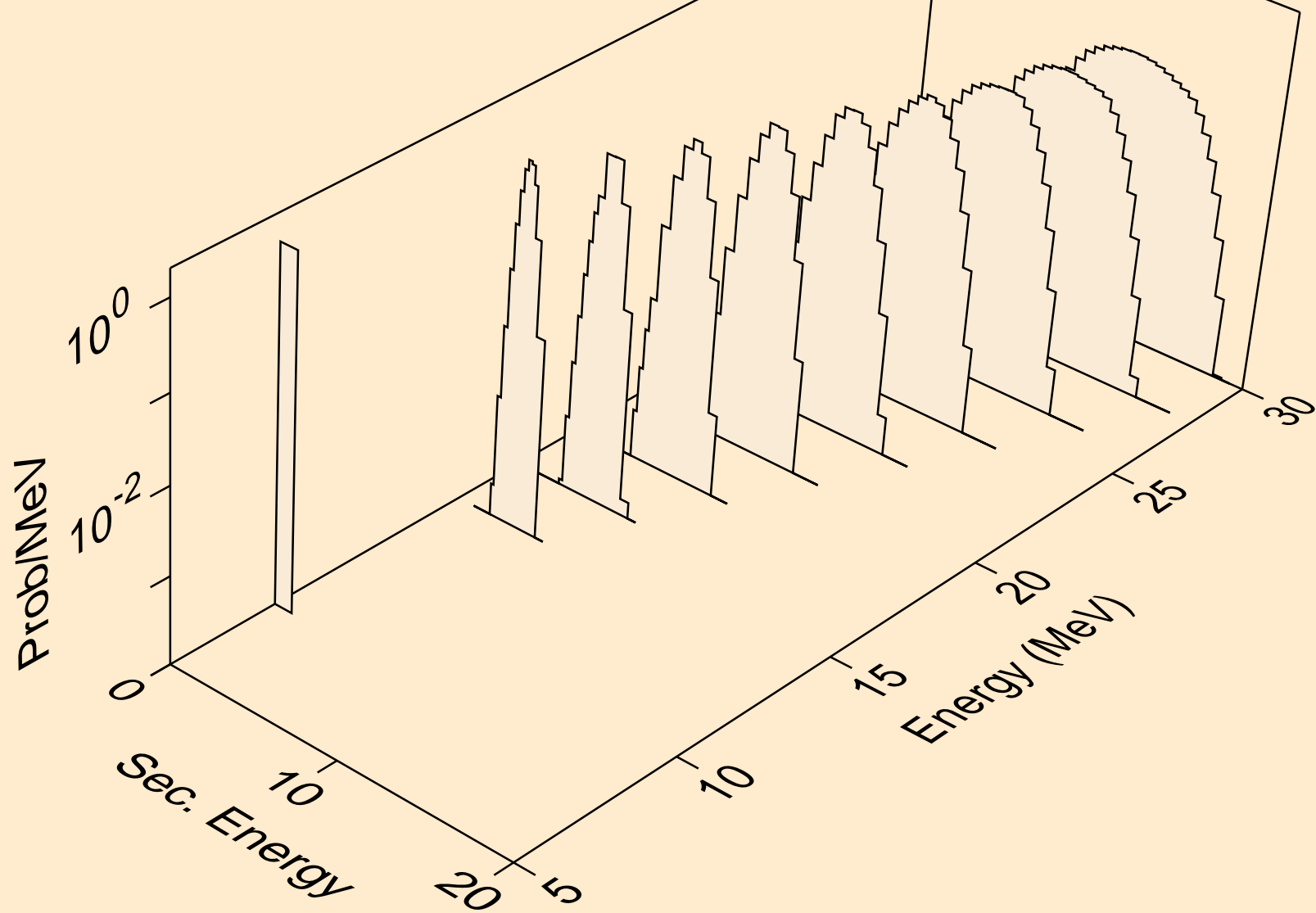
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

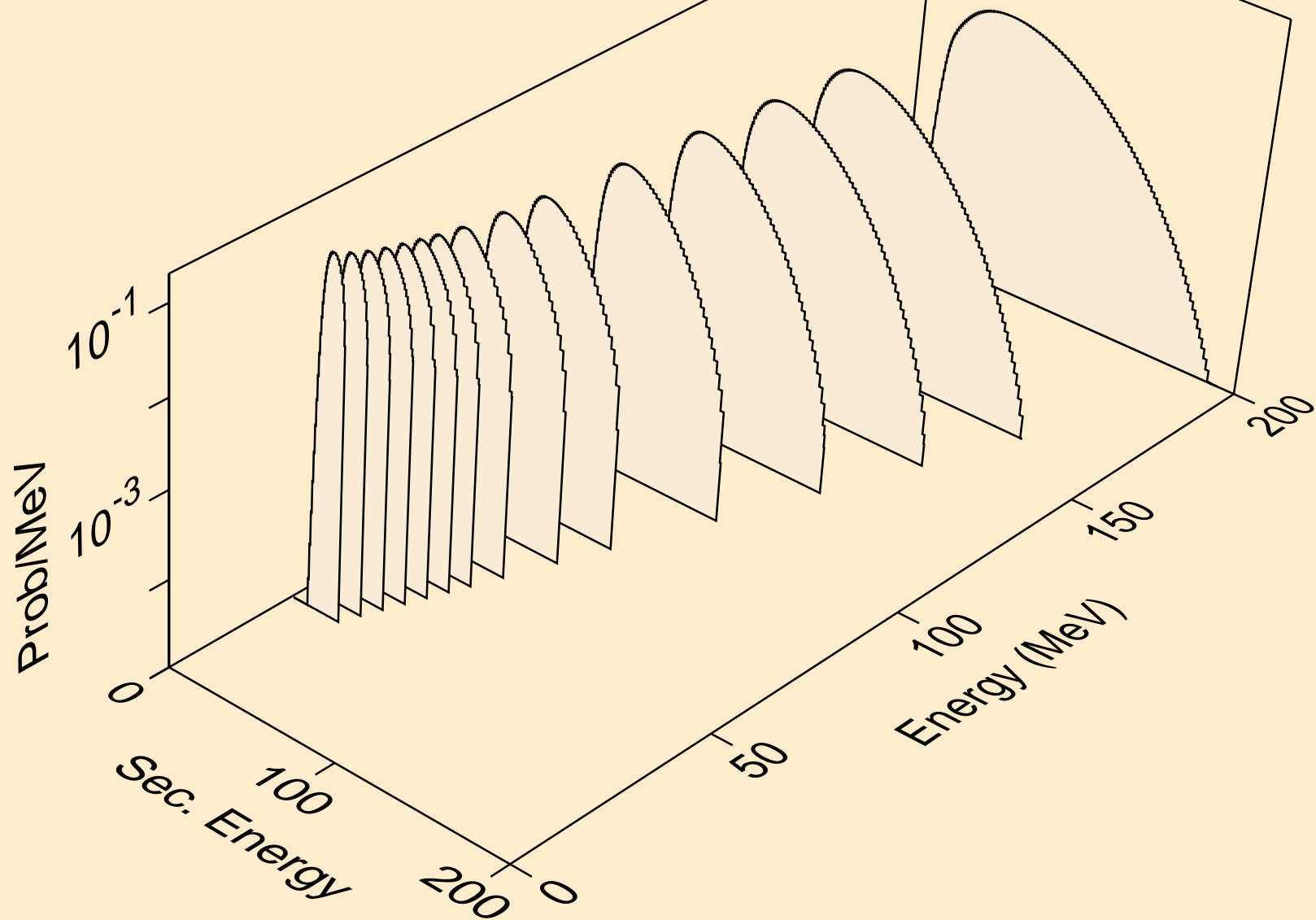


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tritons from (n,pt)

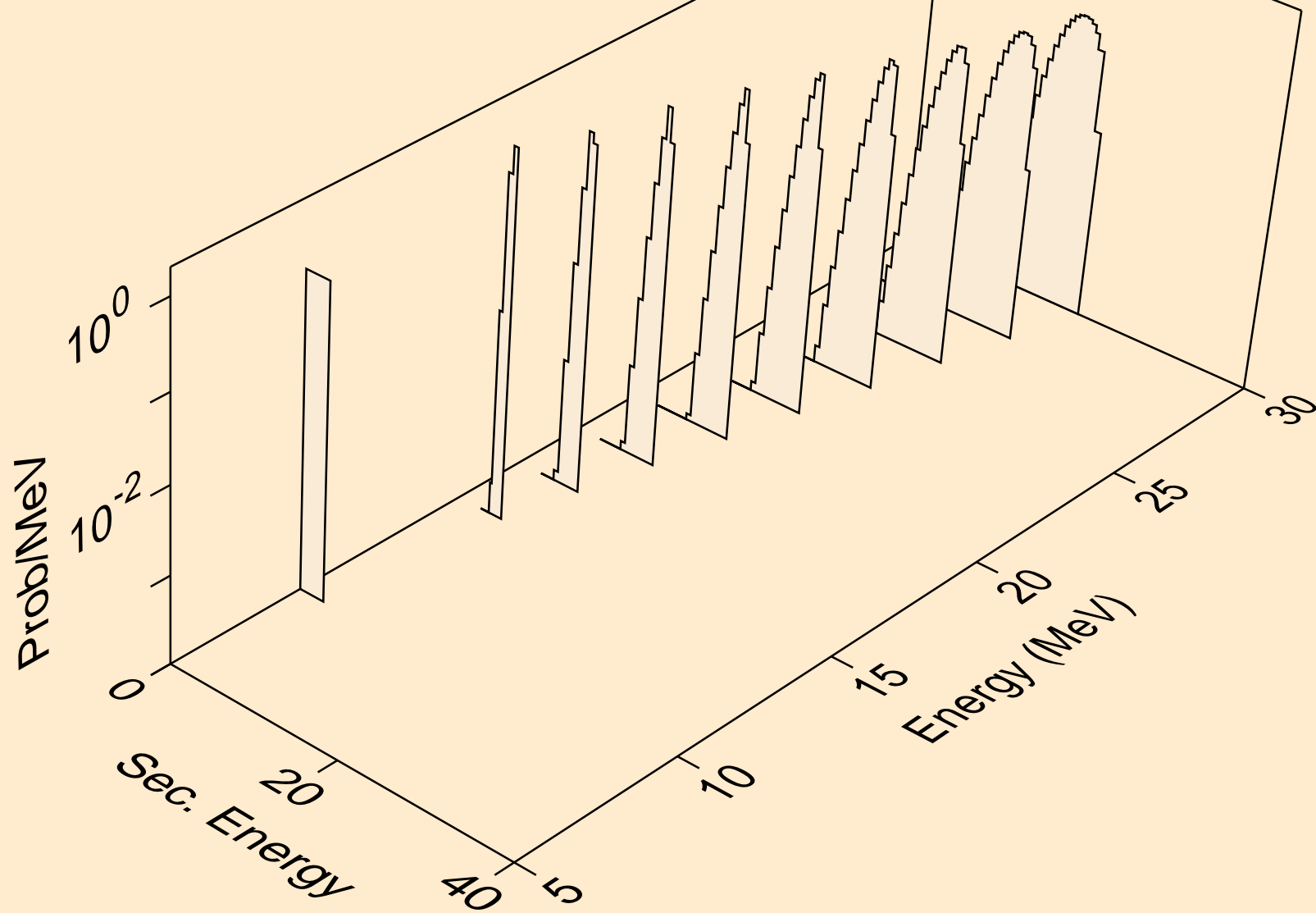




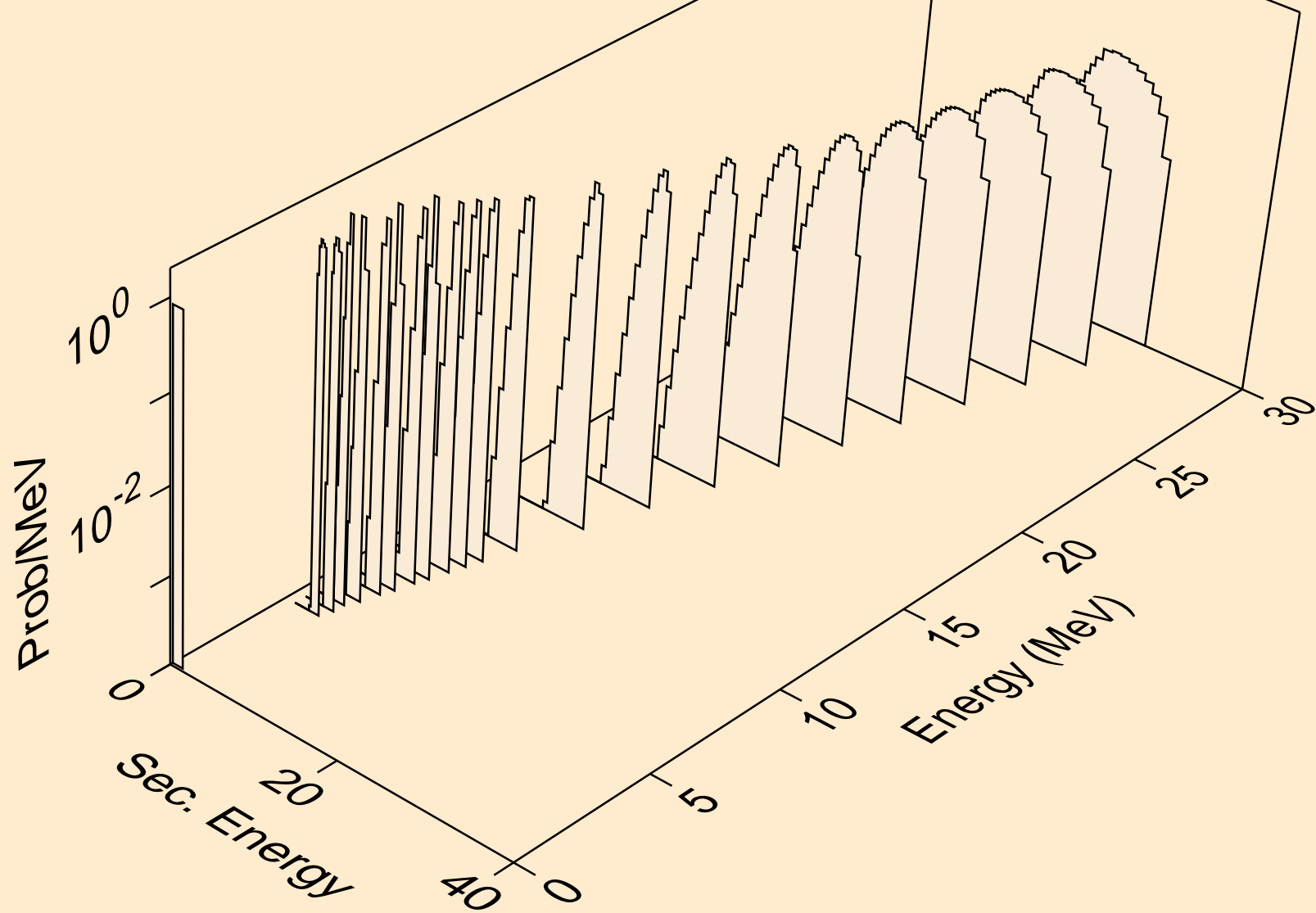
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he3s from (n,x)



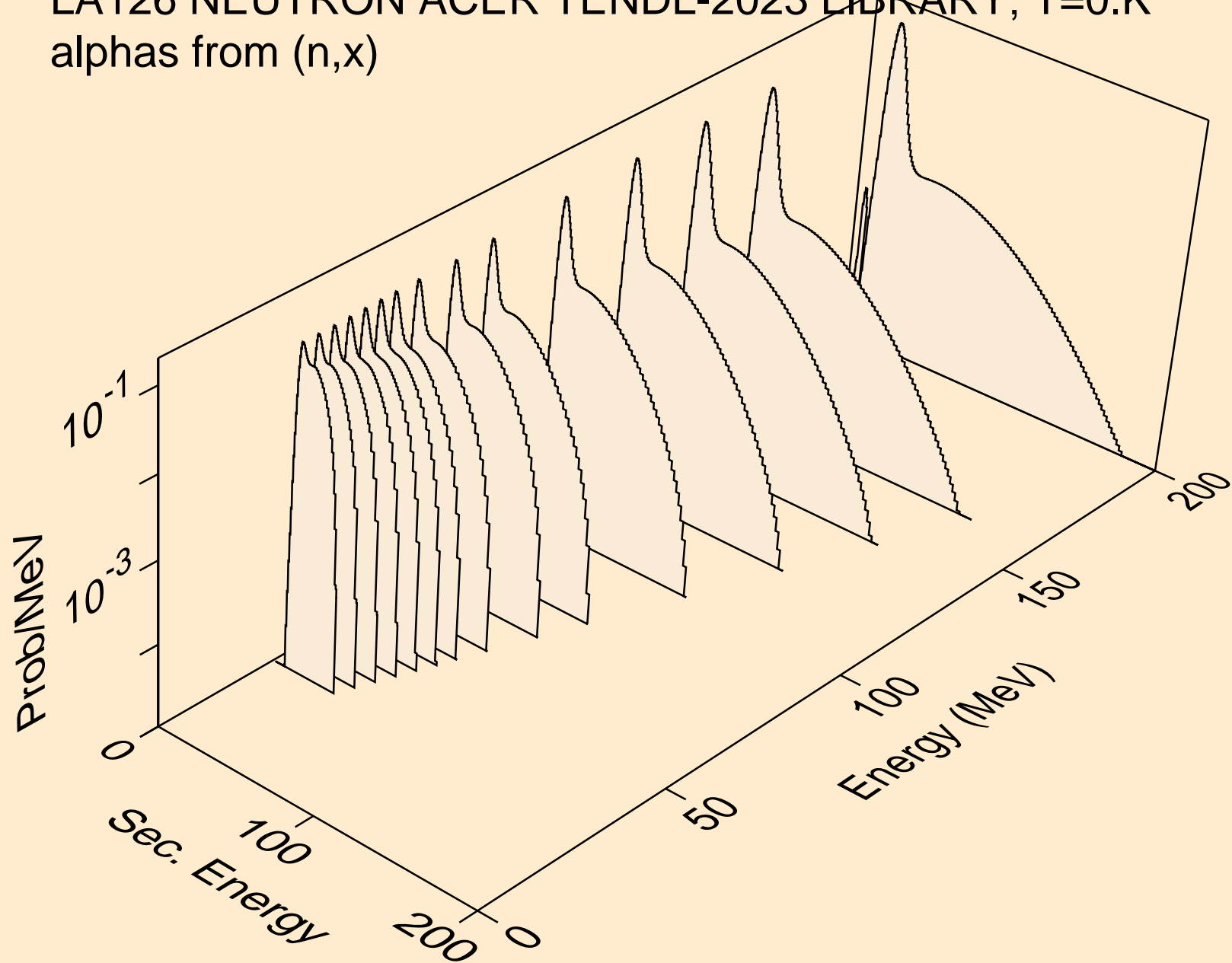
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he3s from (n,n\*)he3



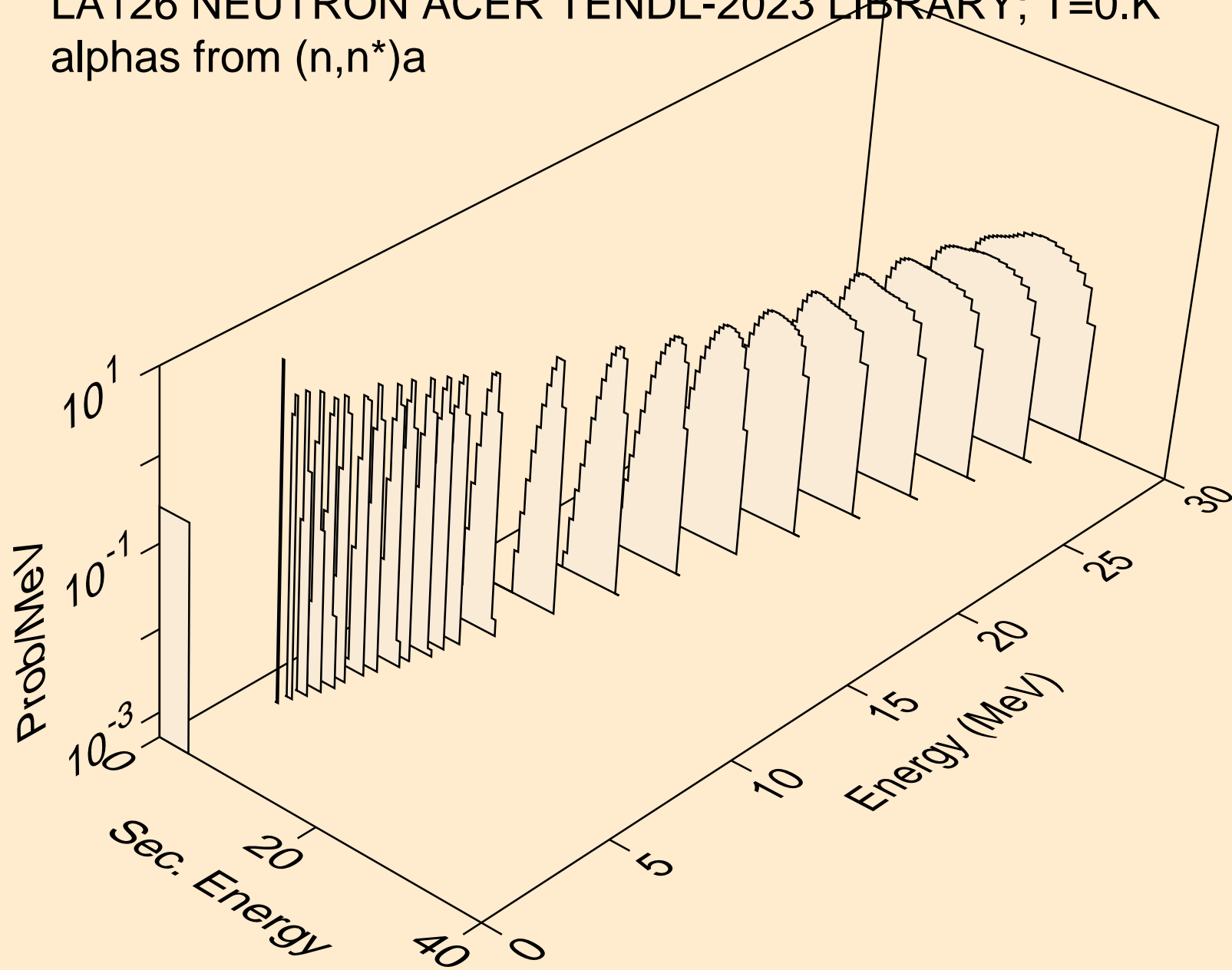
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he3s from (n,he3)



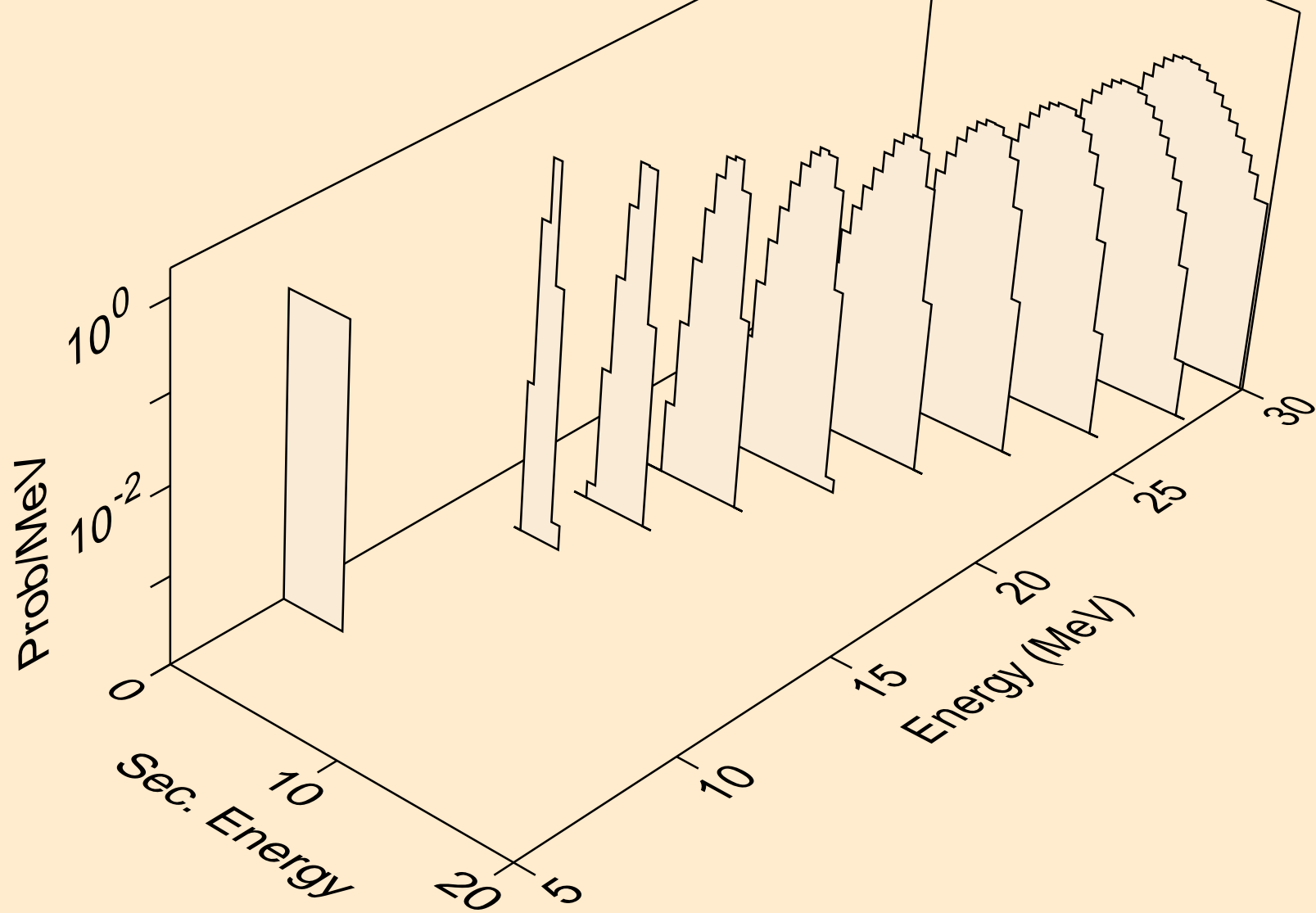
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



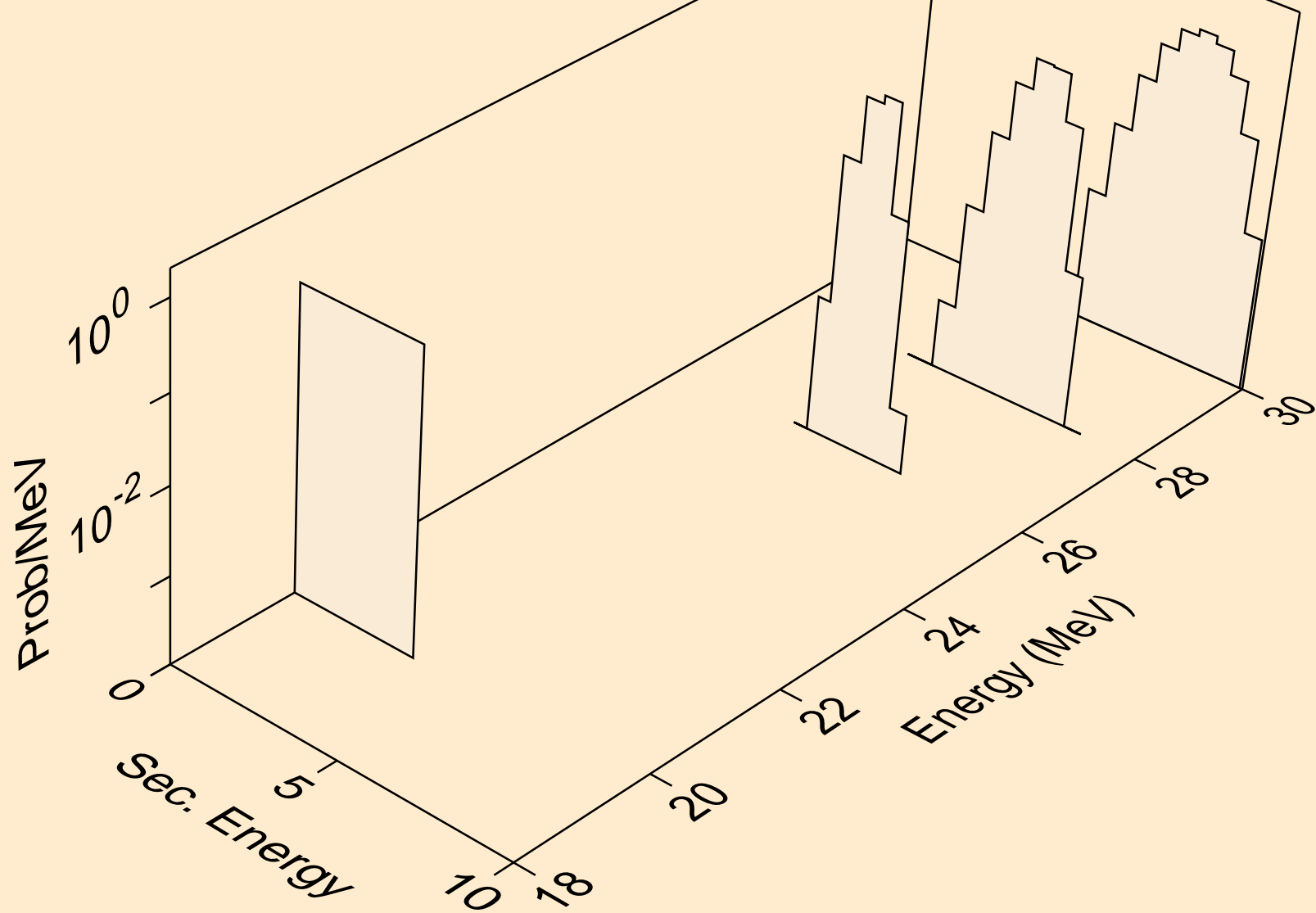
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



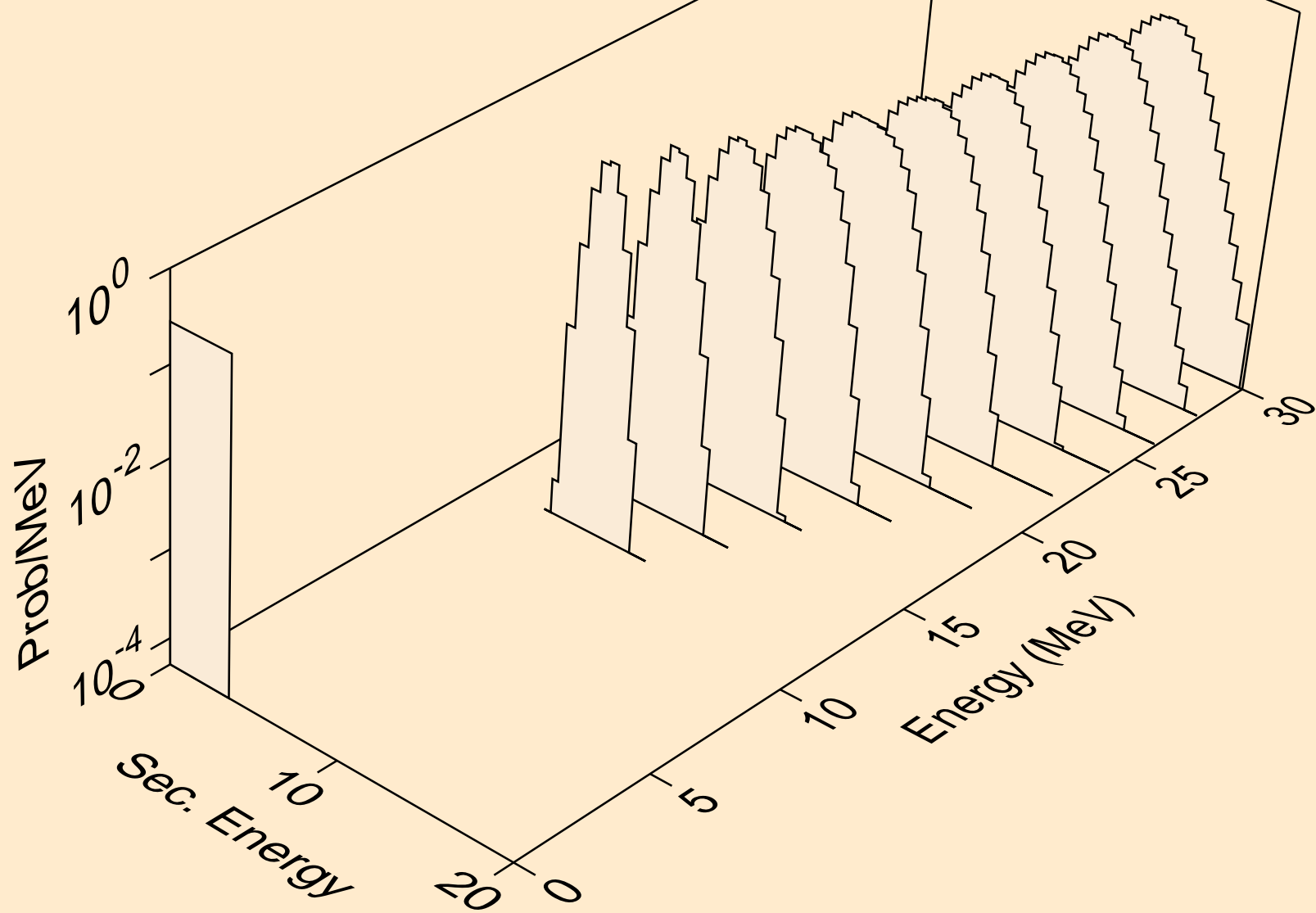
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

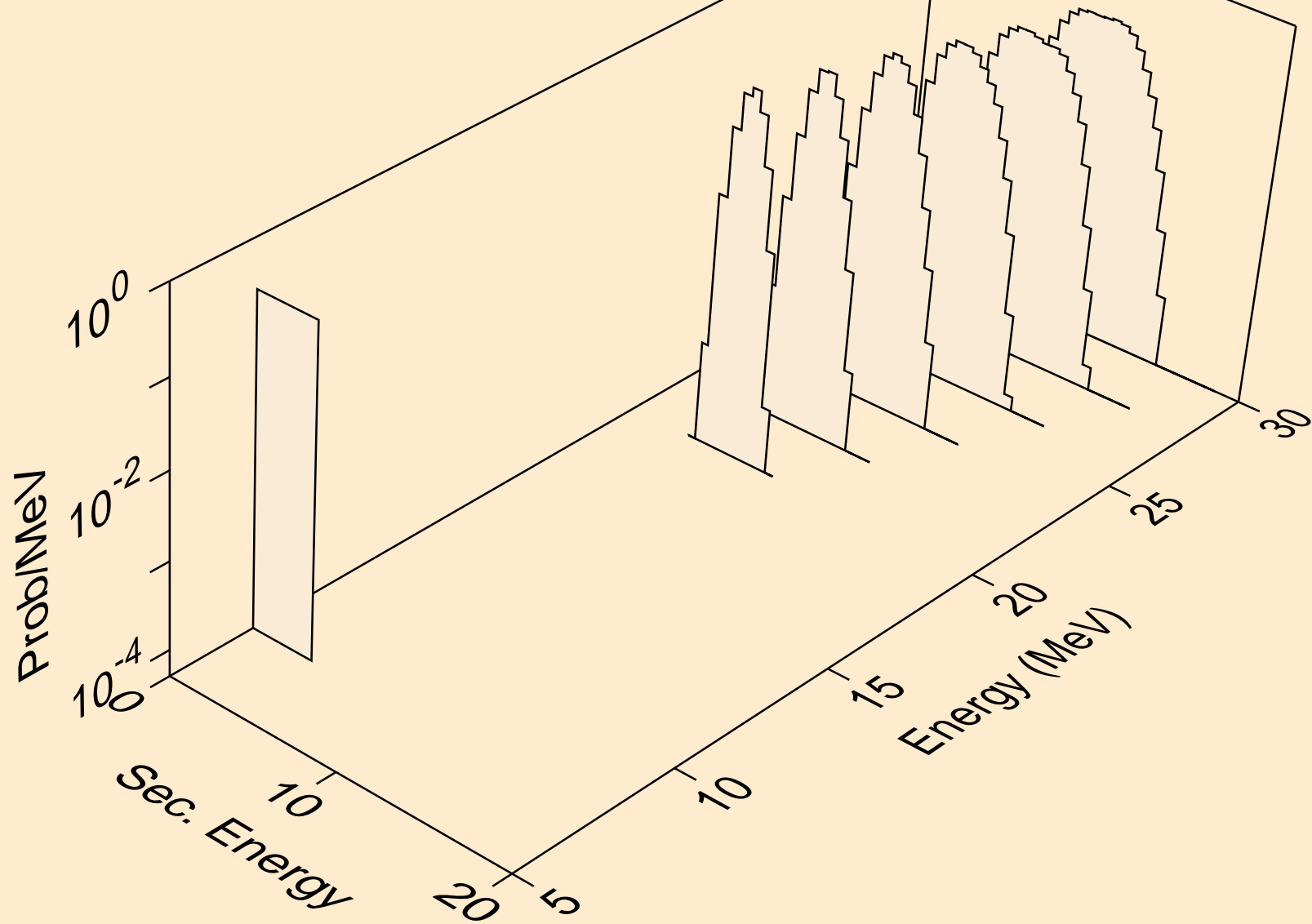


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alphas from (n,n\*)2a

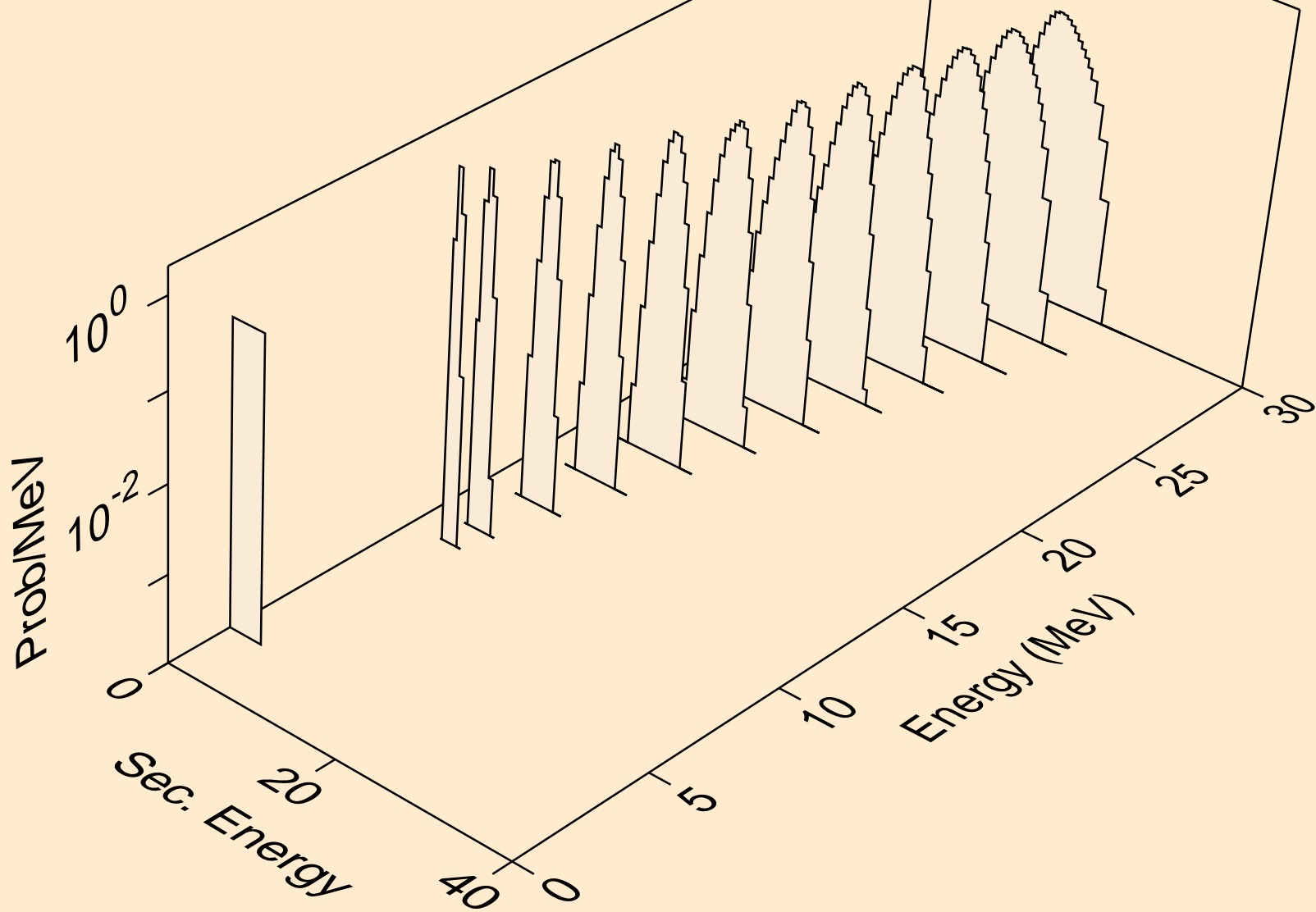




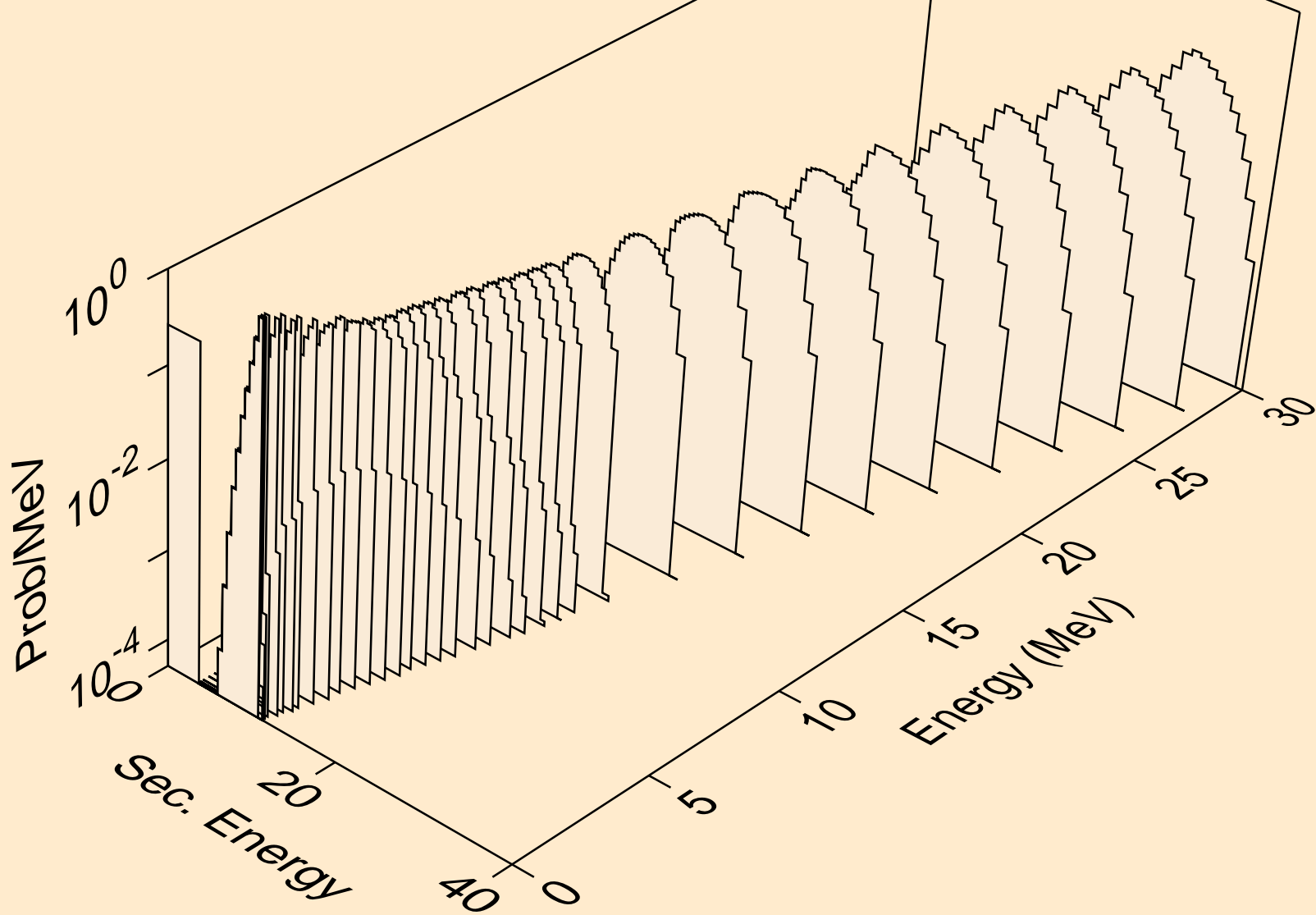
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alphas from (n,2n)2a



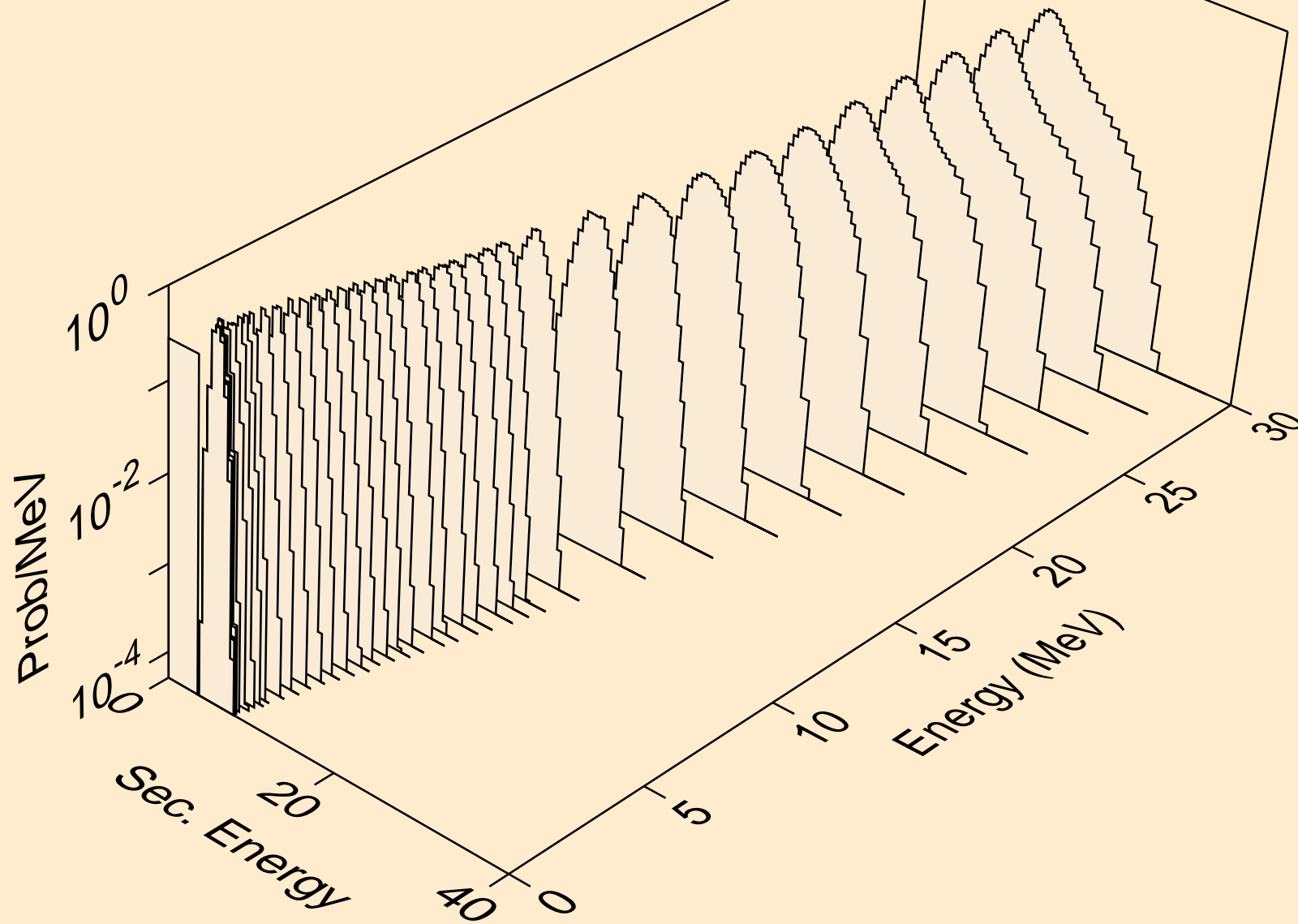
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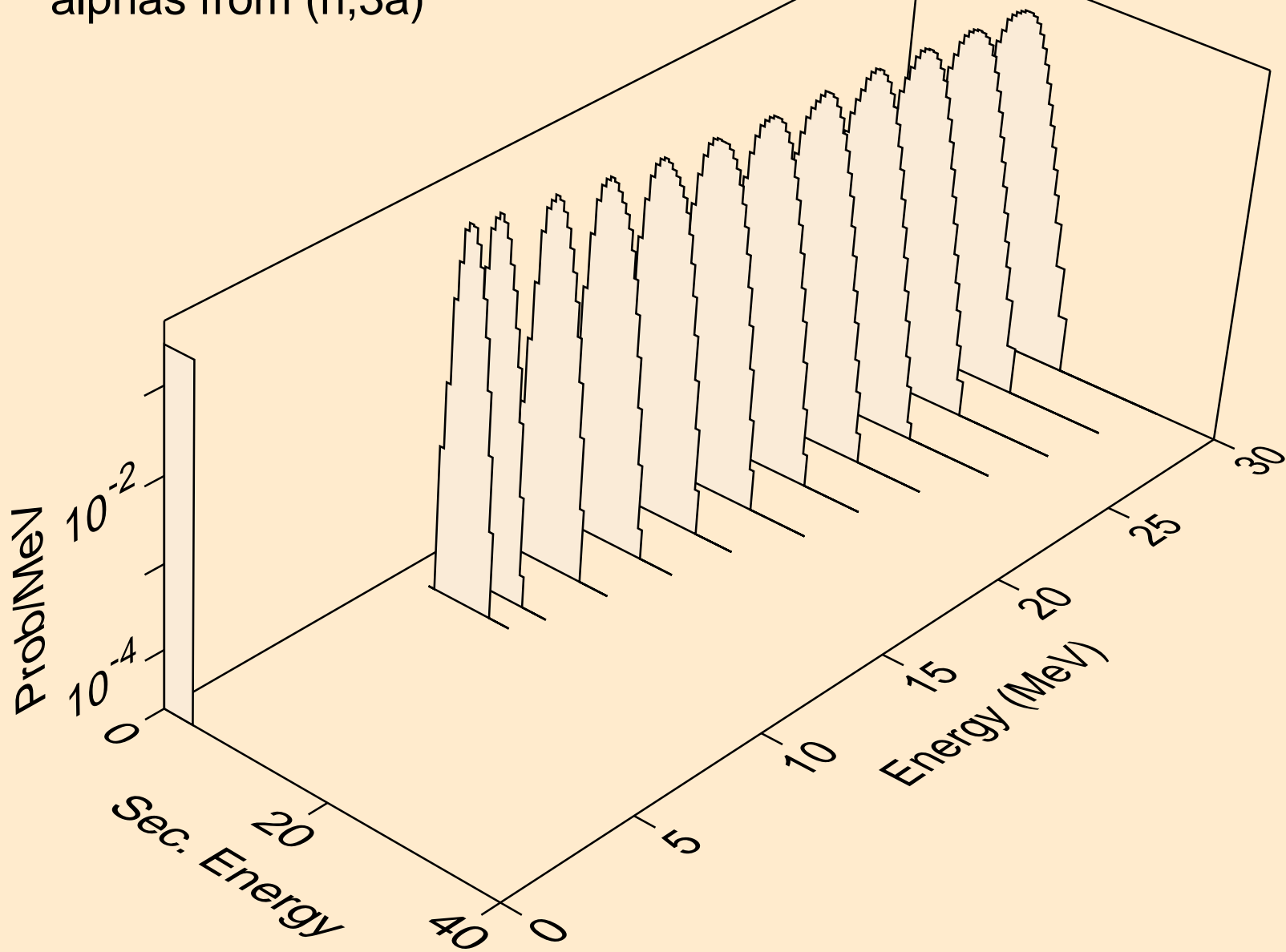
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alphas from (n,a)



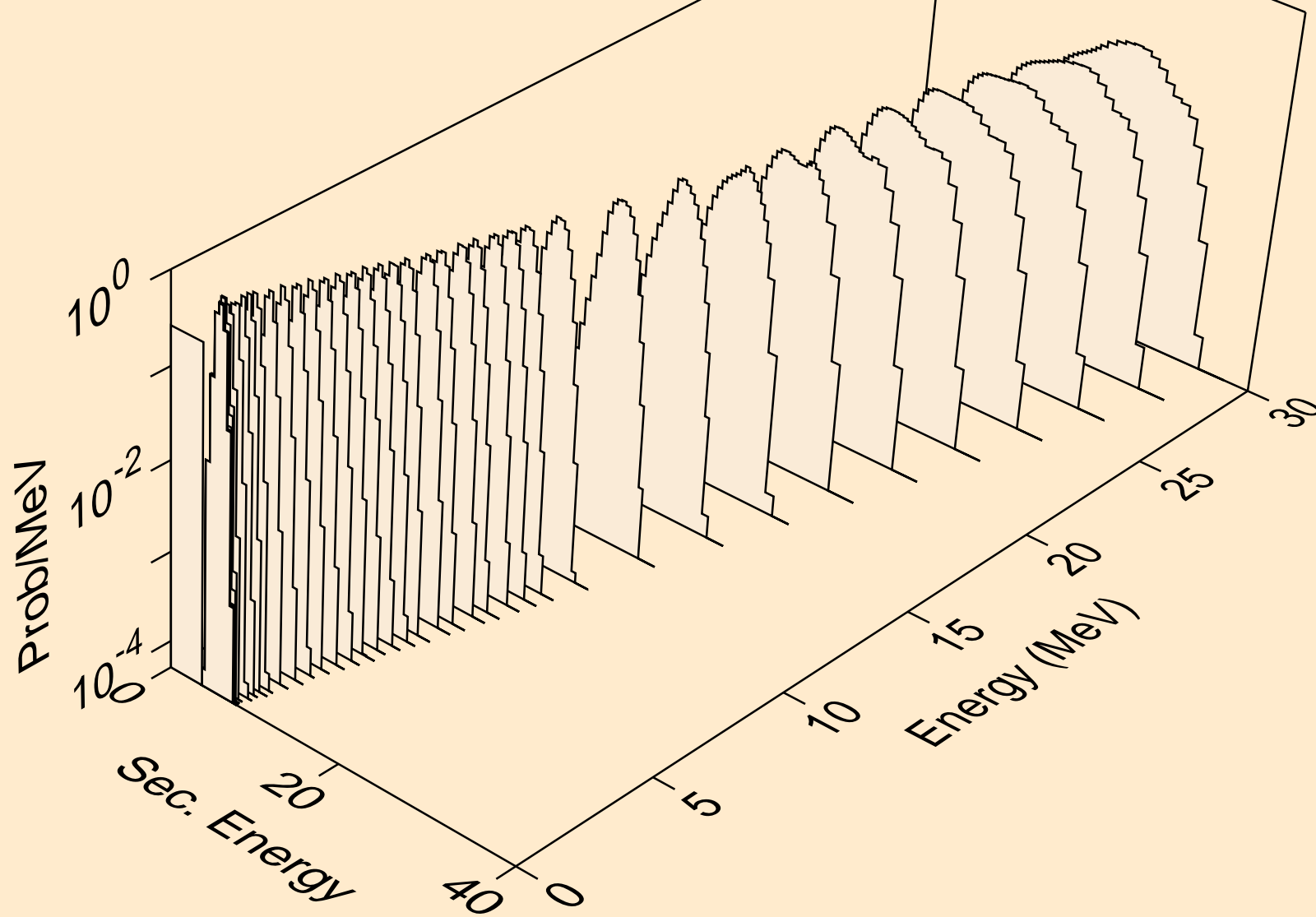
LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



LA126 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

