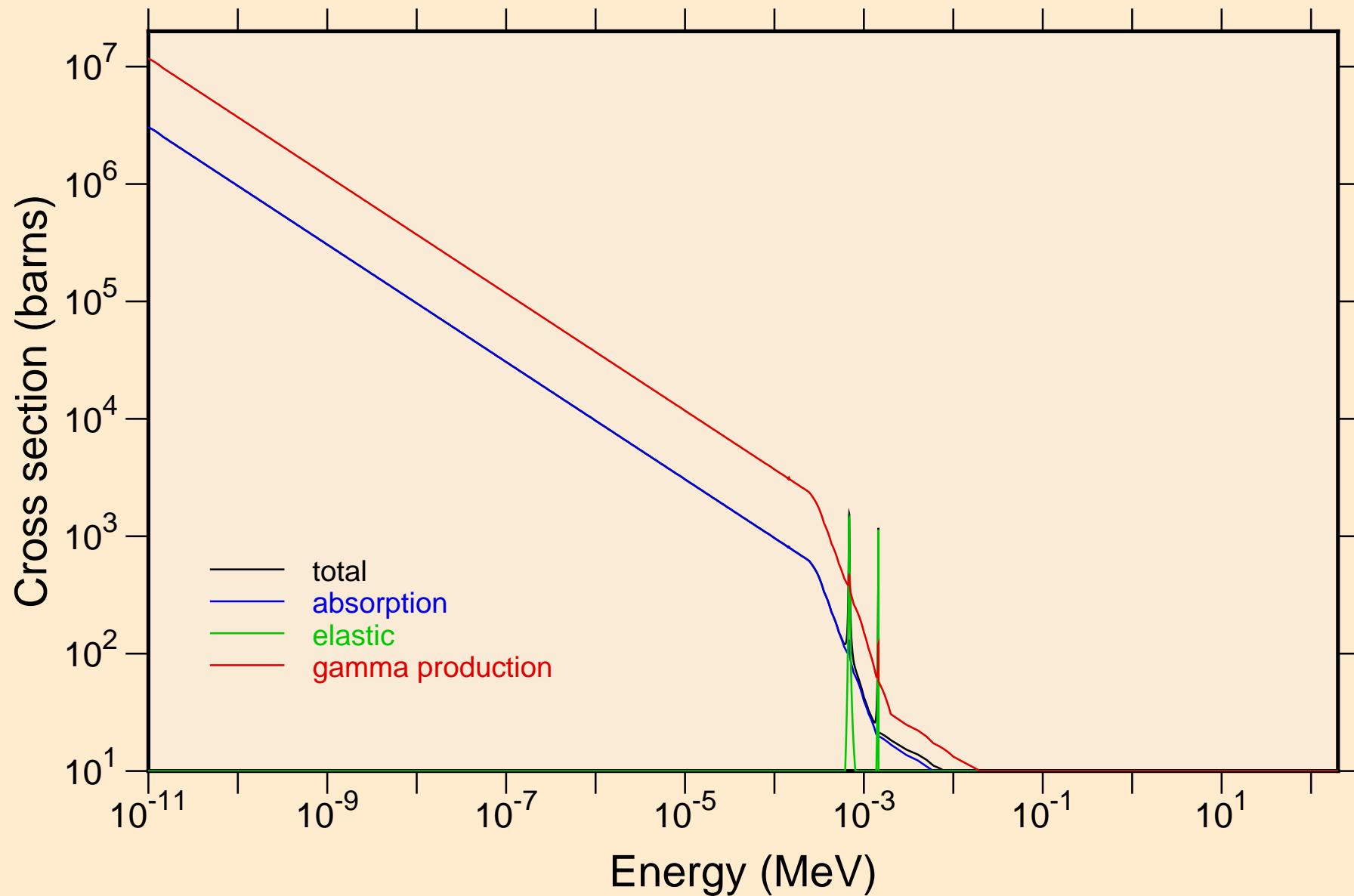
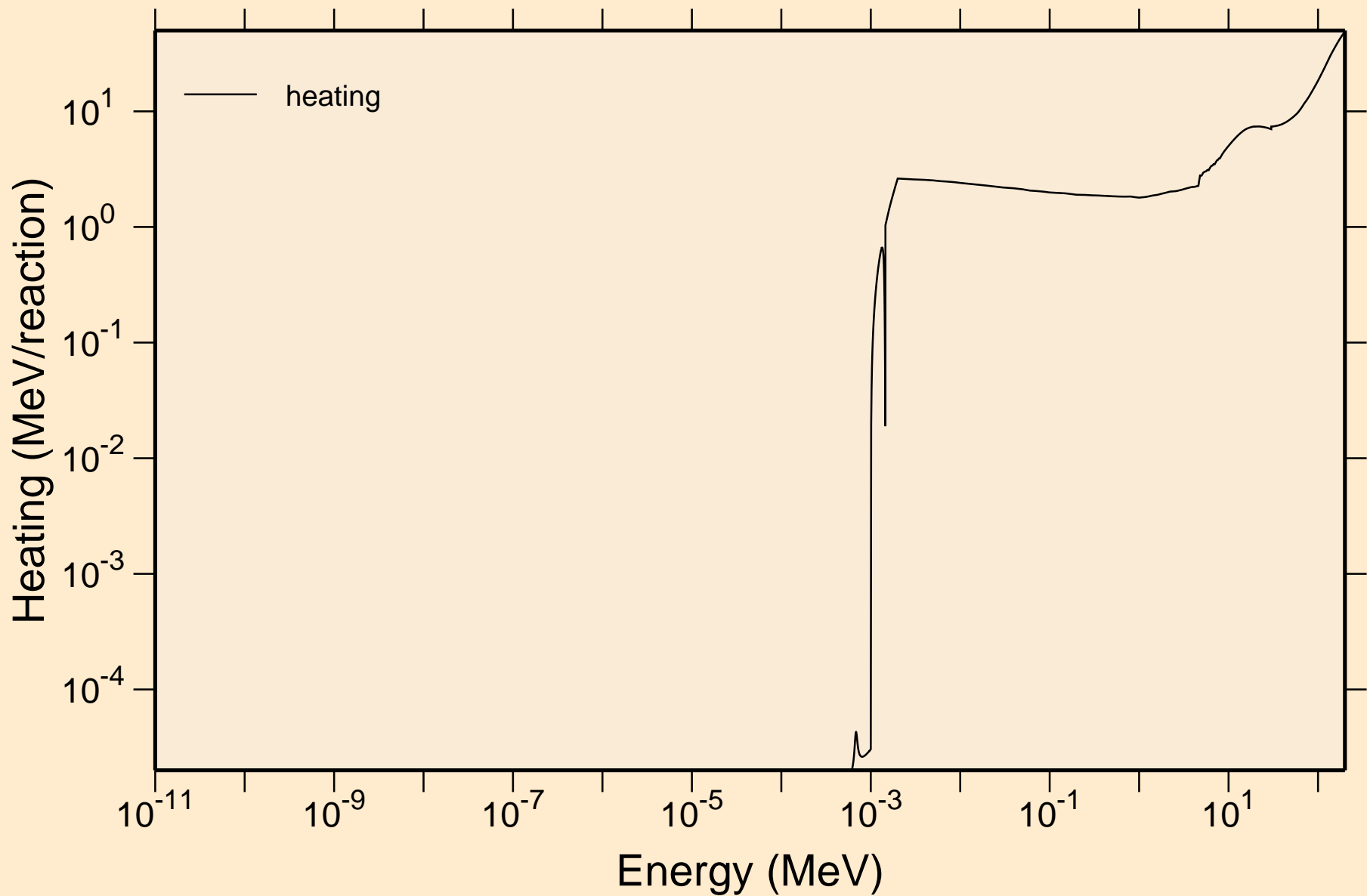


# K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

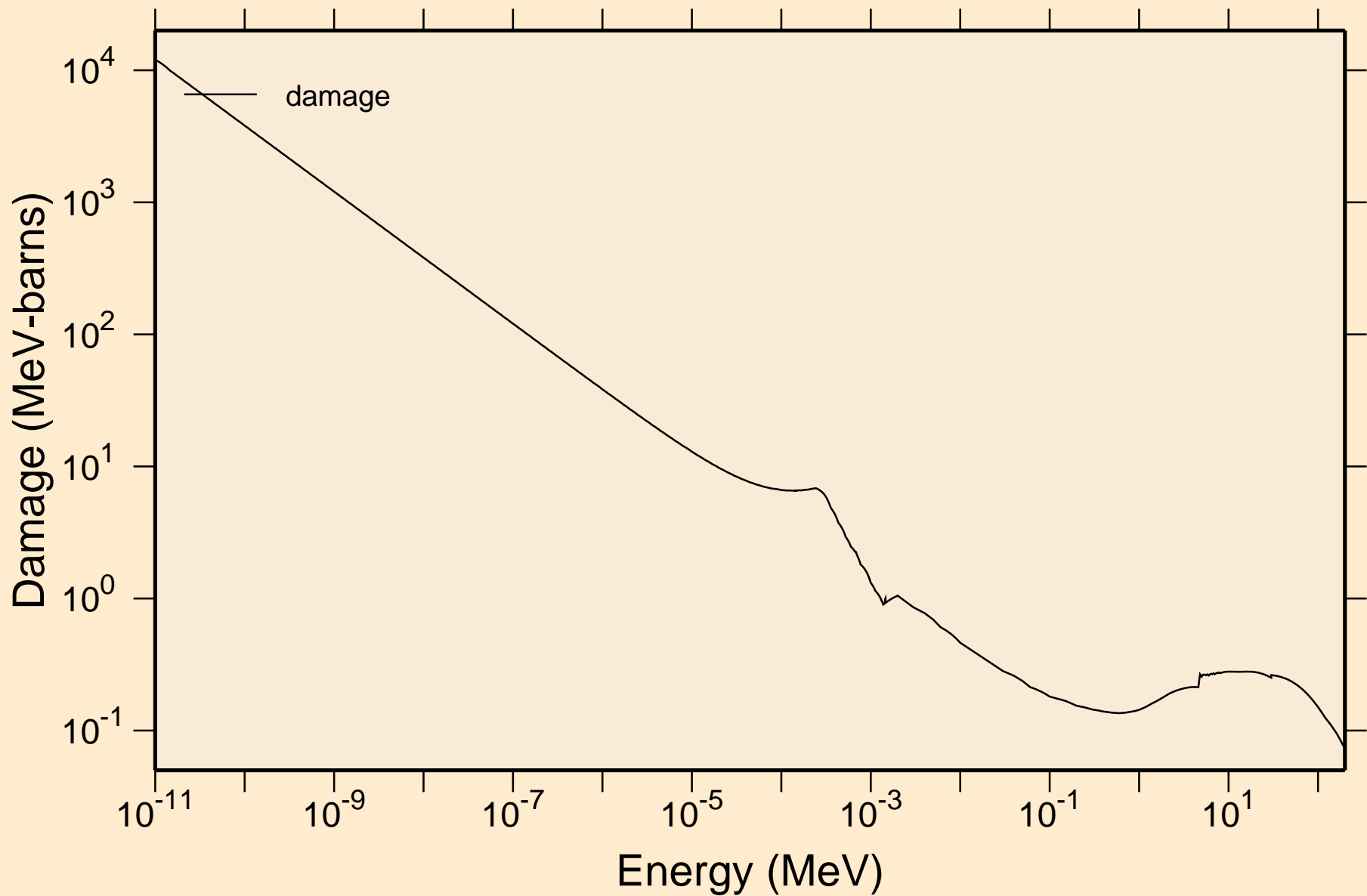
## Principal cross sections



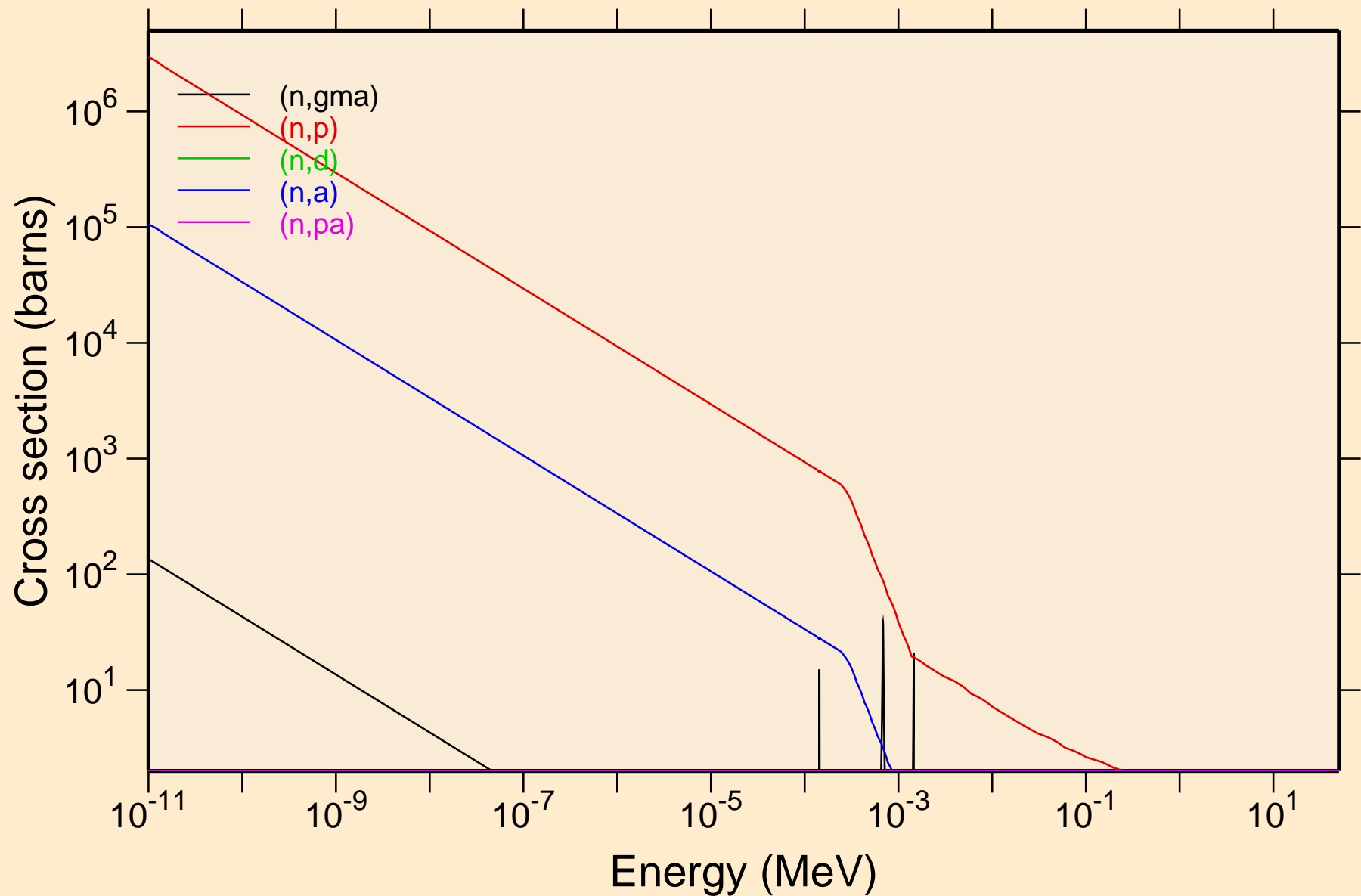
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



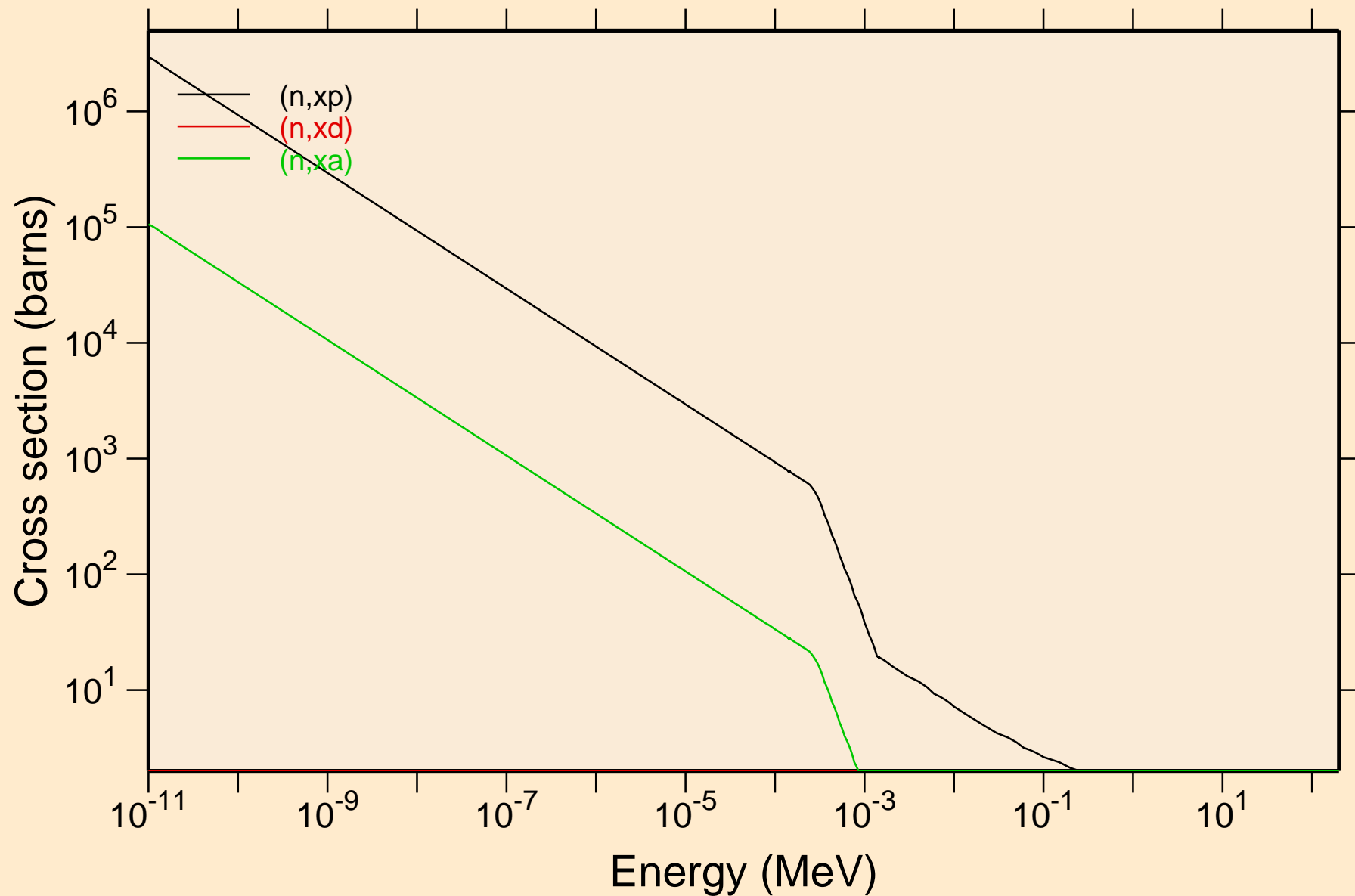
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

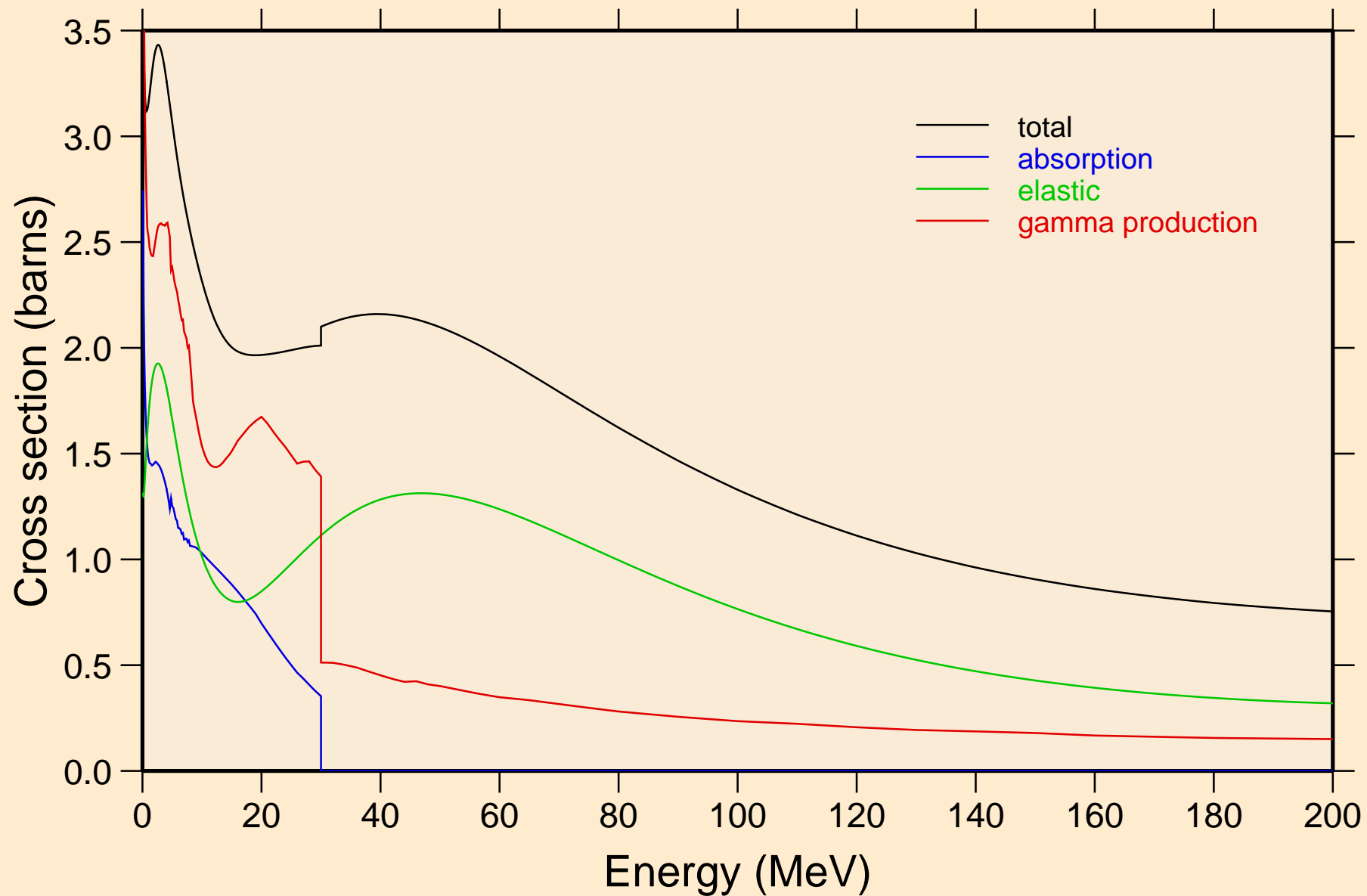


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

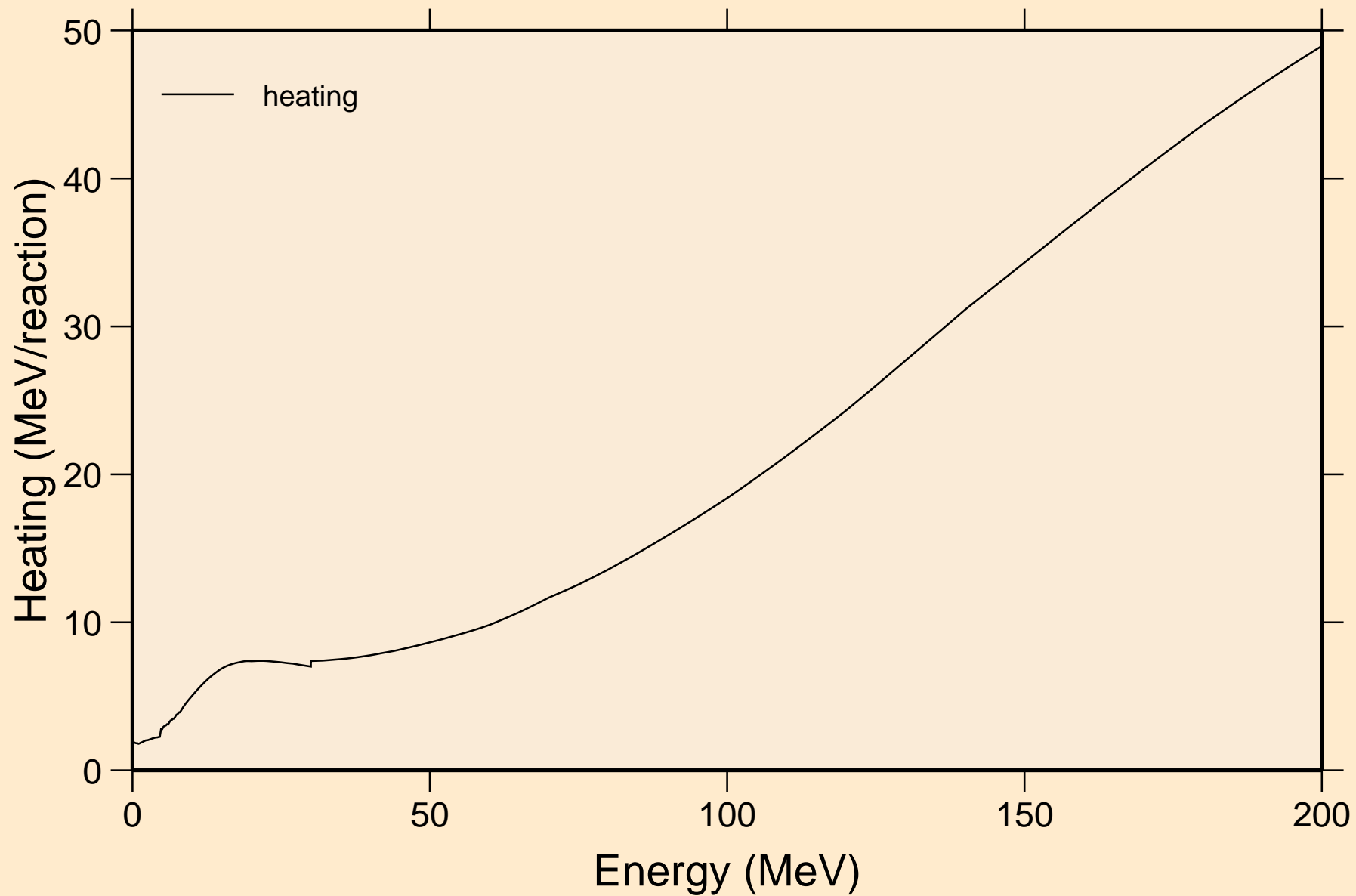


# K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

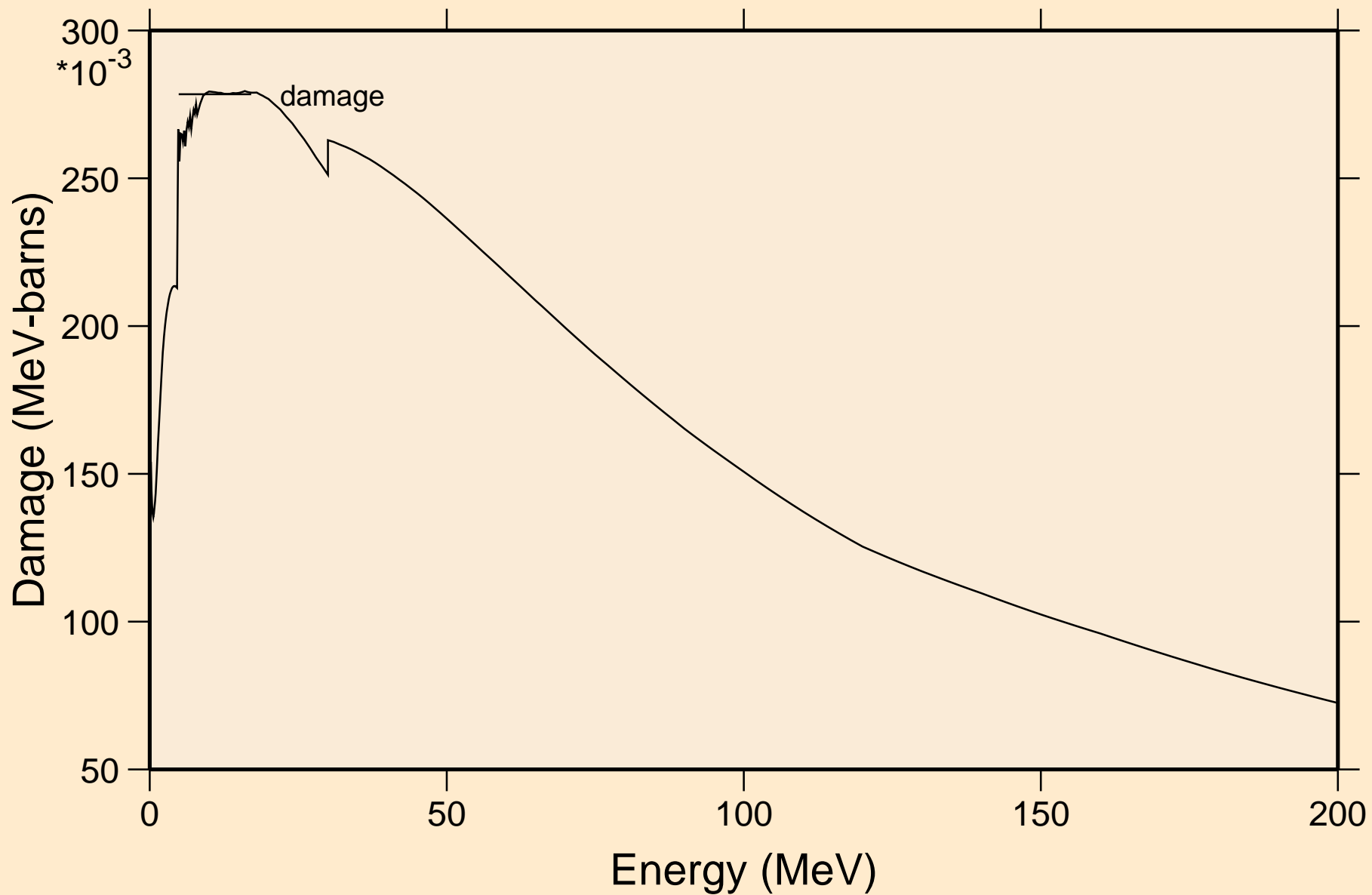
## Principal cross sections



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



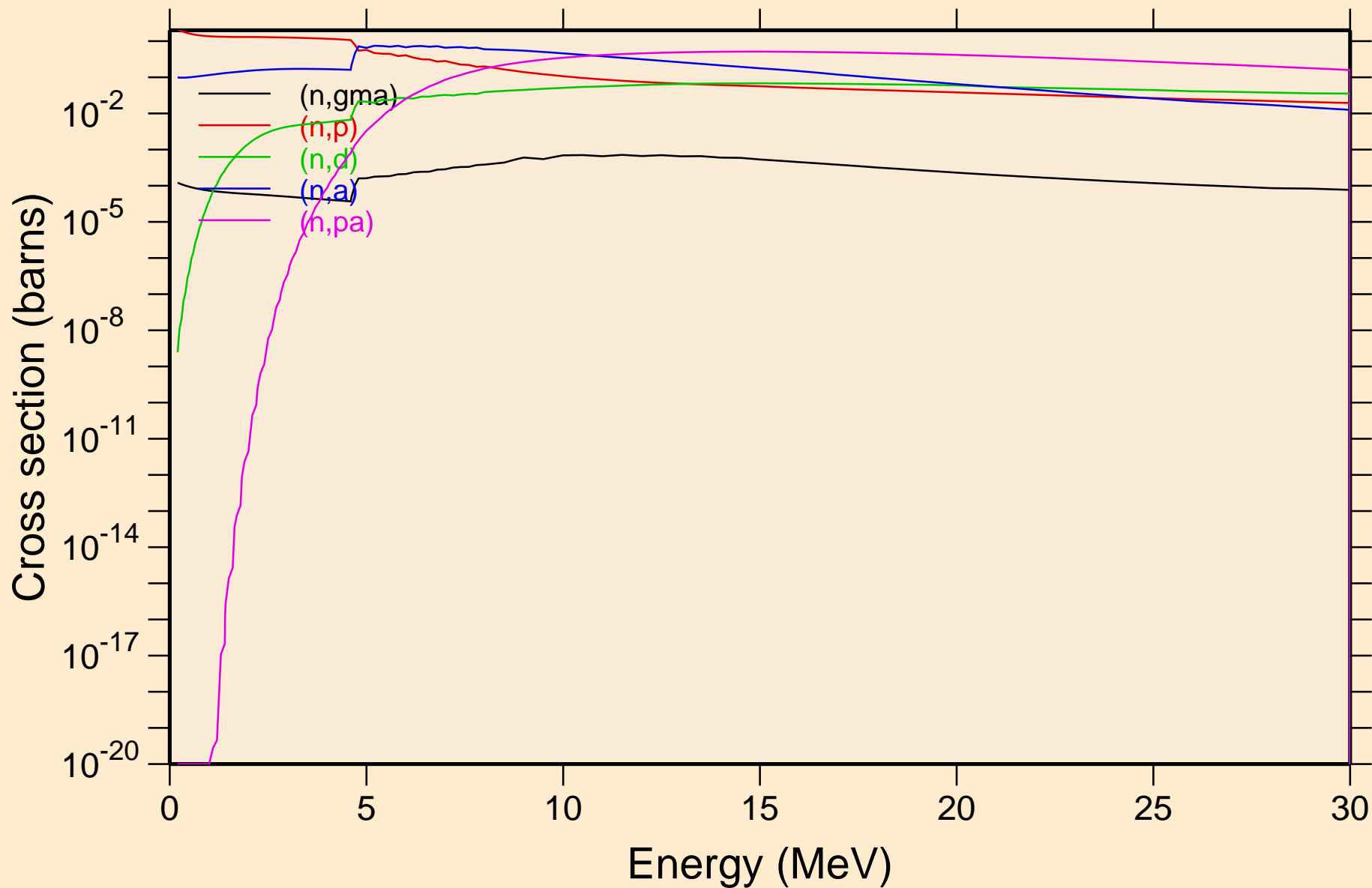
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



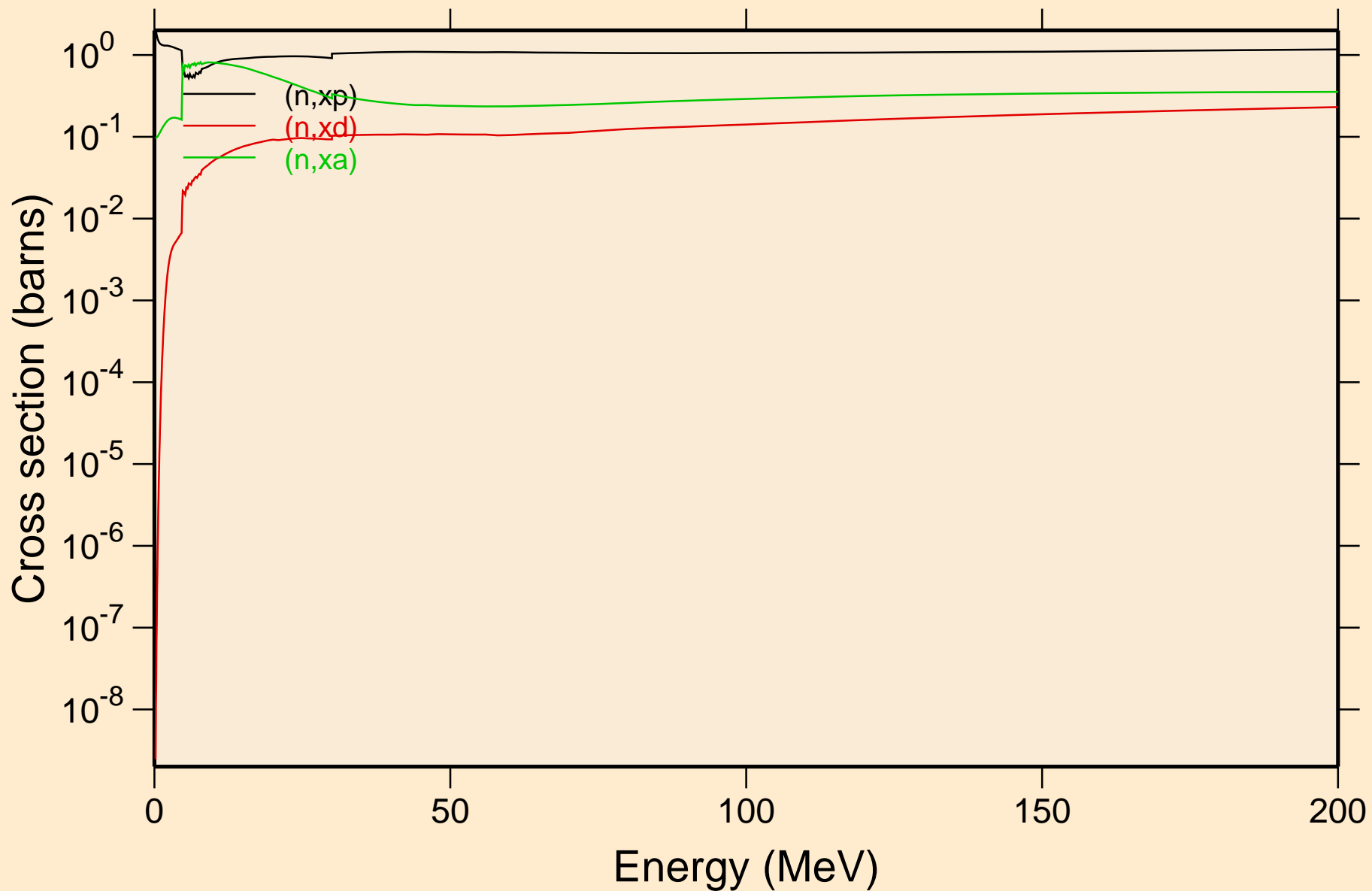


# K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

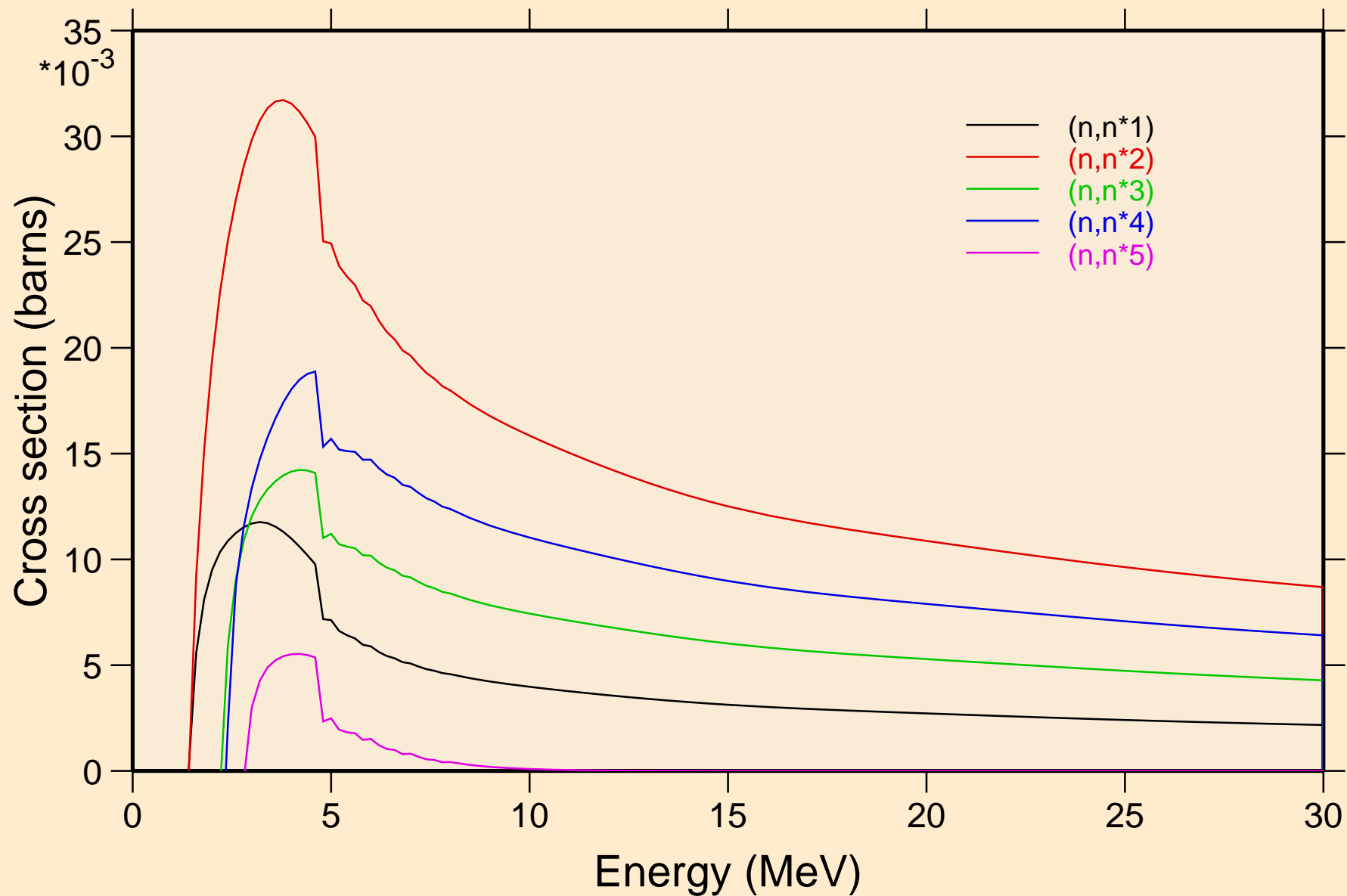
## Non-threshold reactions



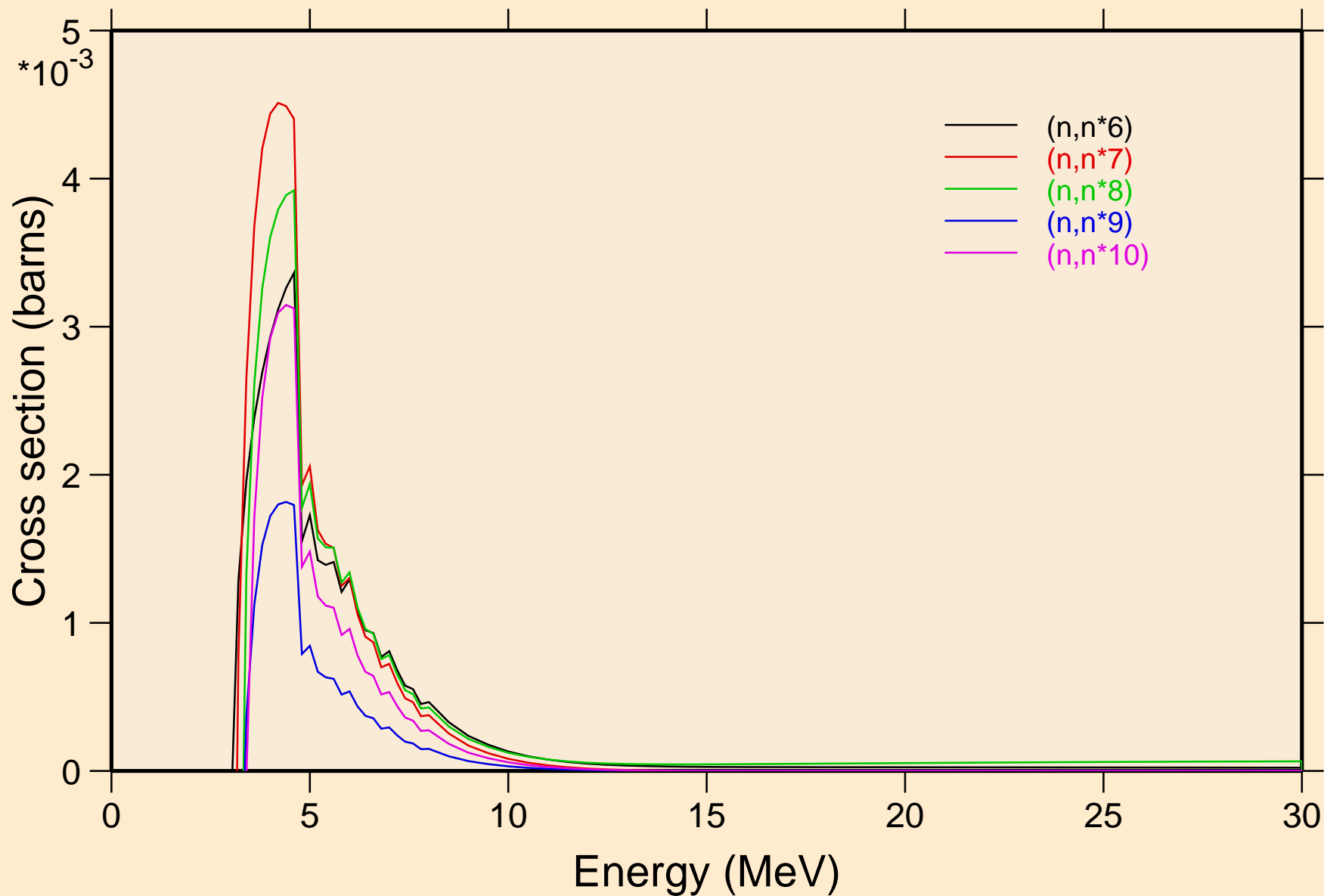
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



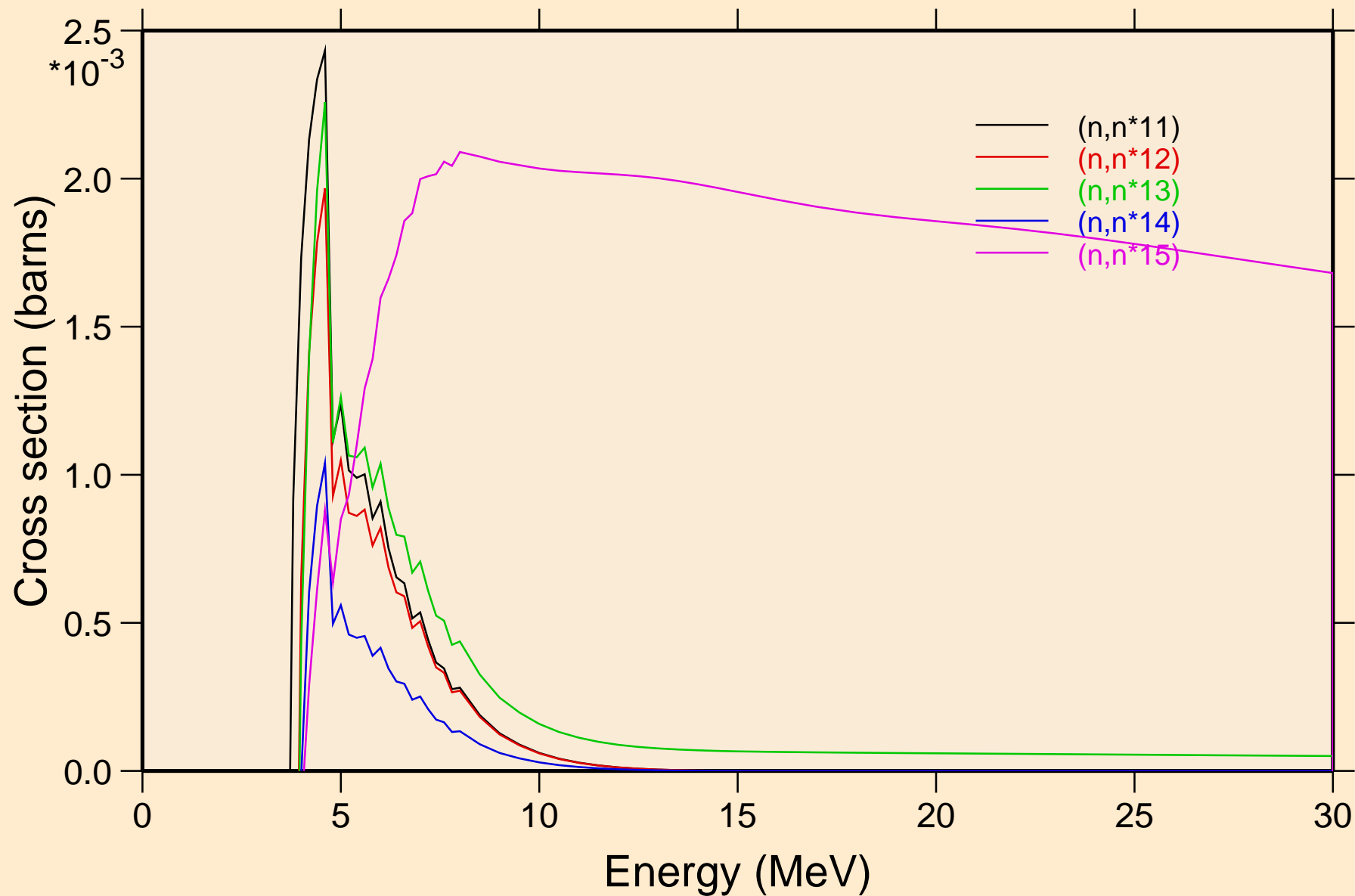
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



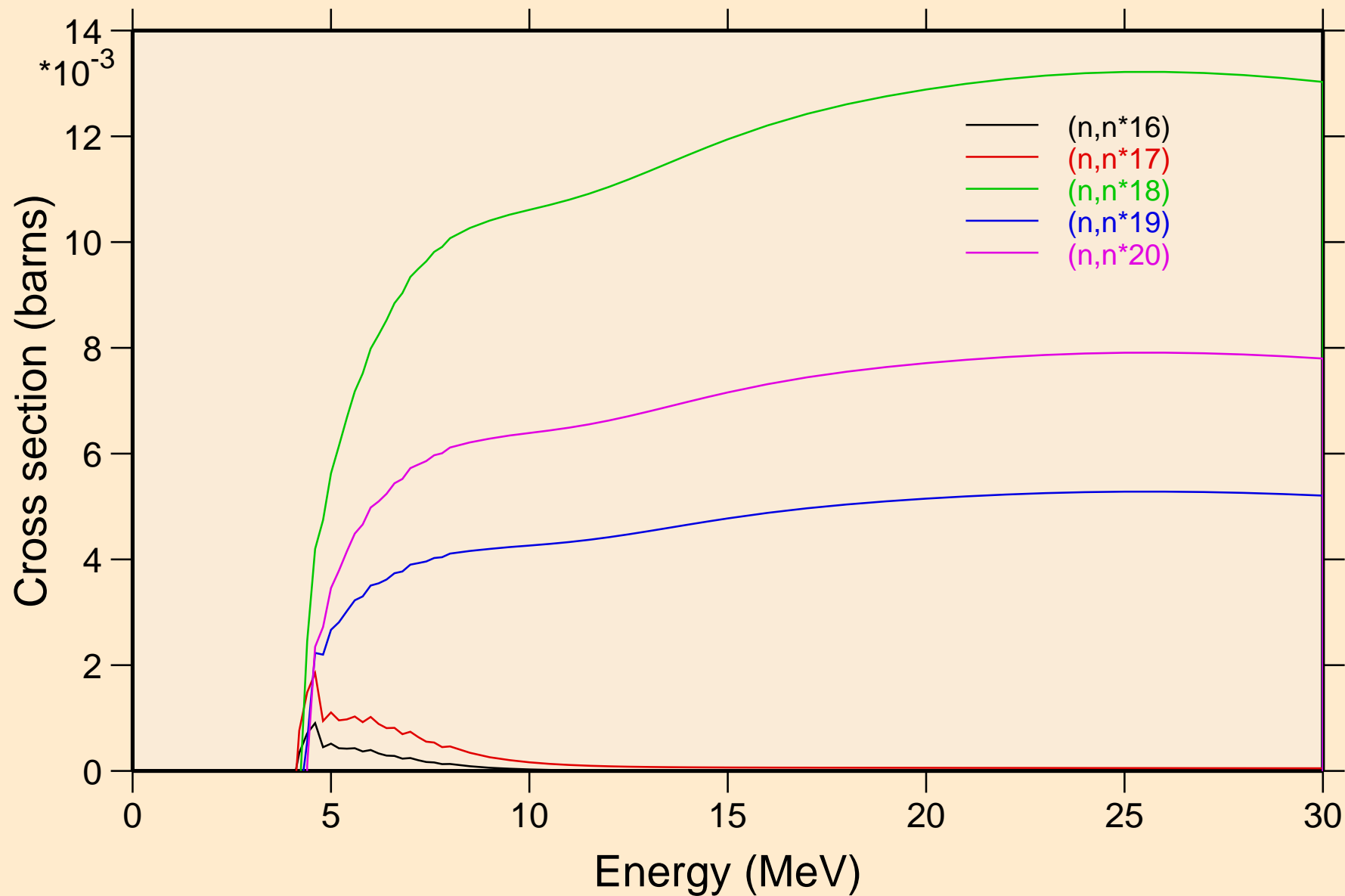
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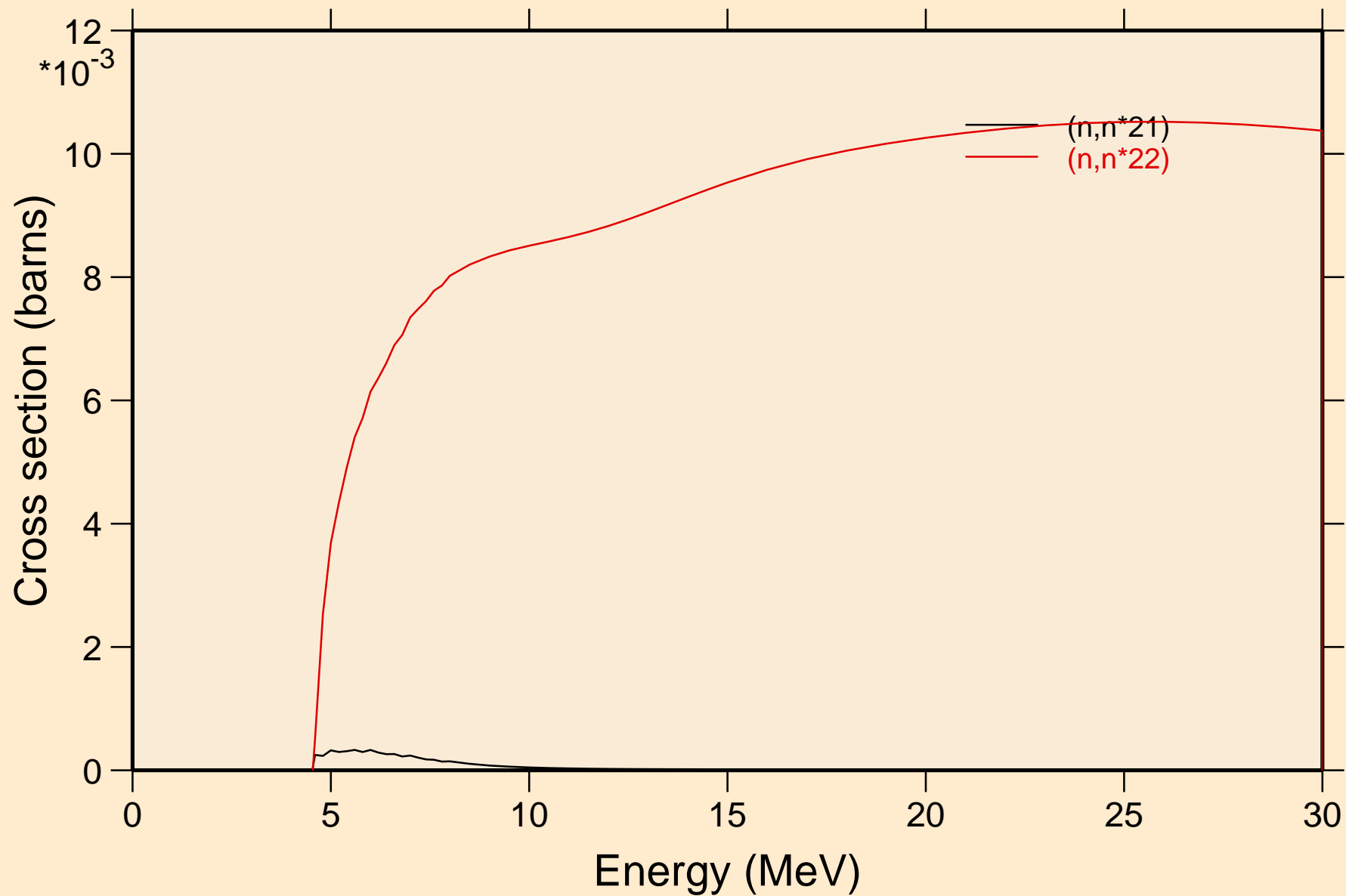
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



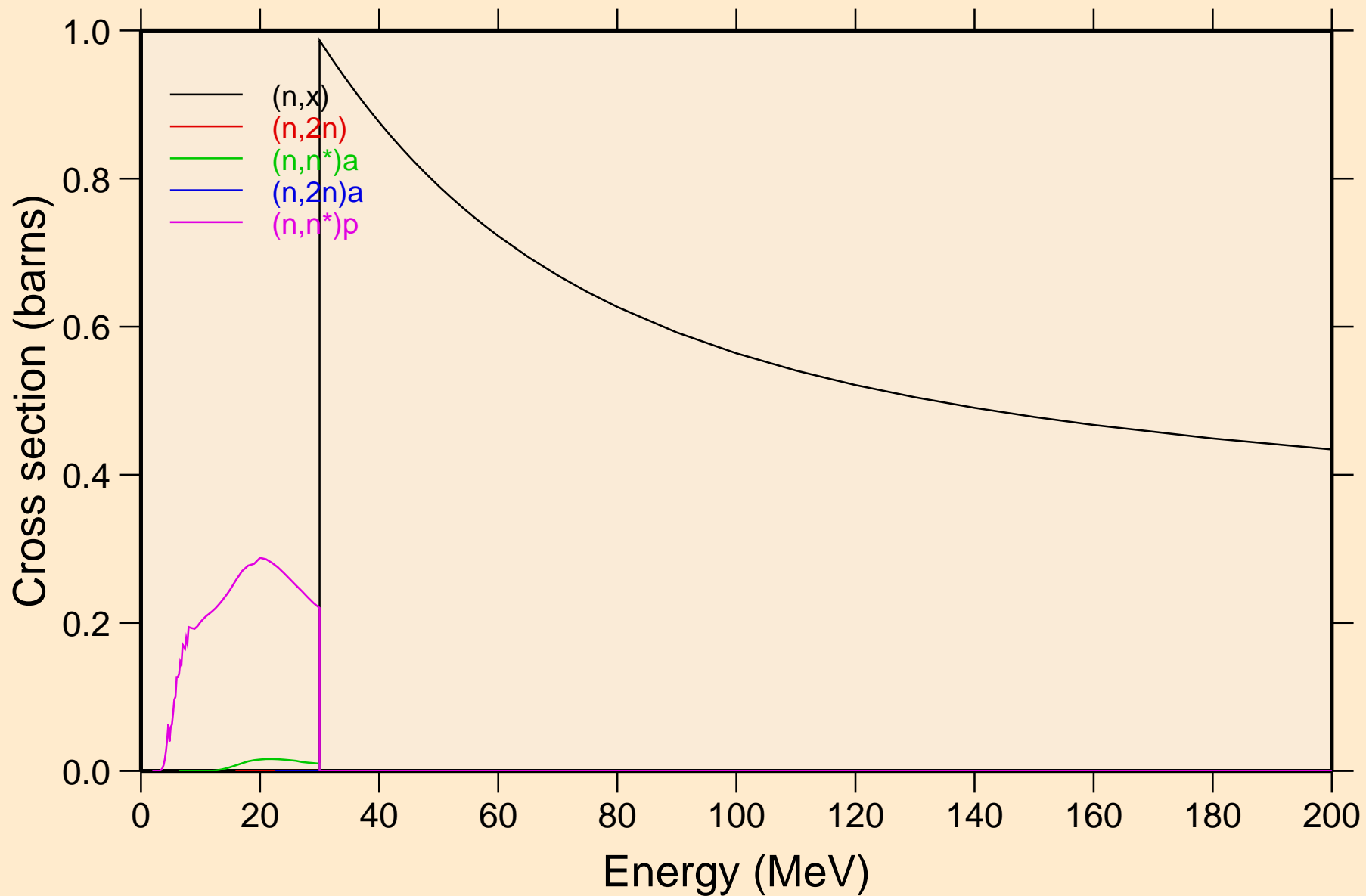
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Inelastic levels



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



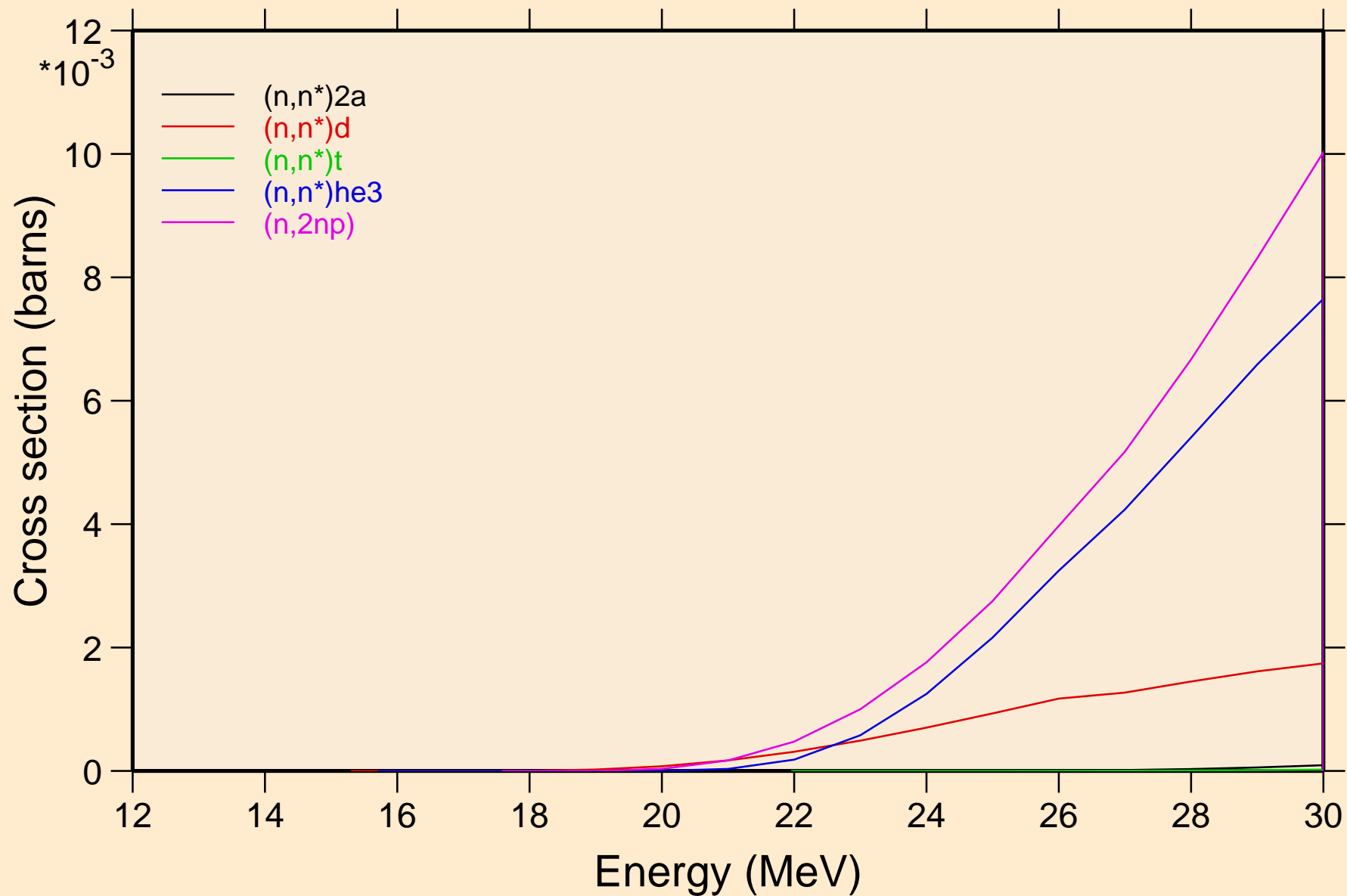
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Threshold reactions





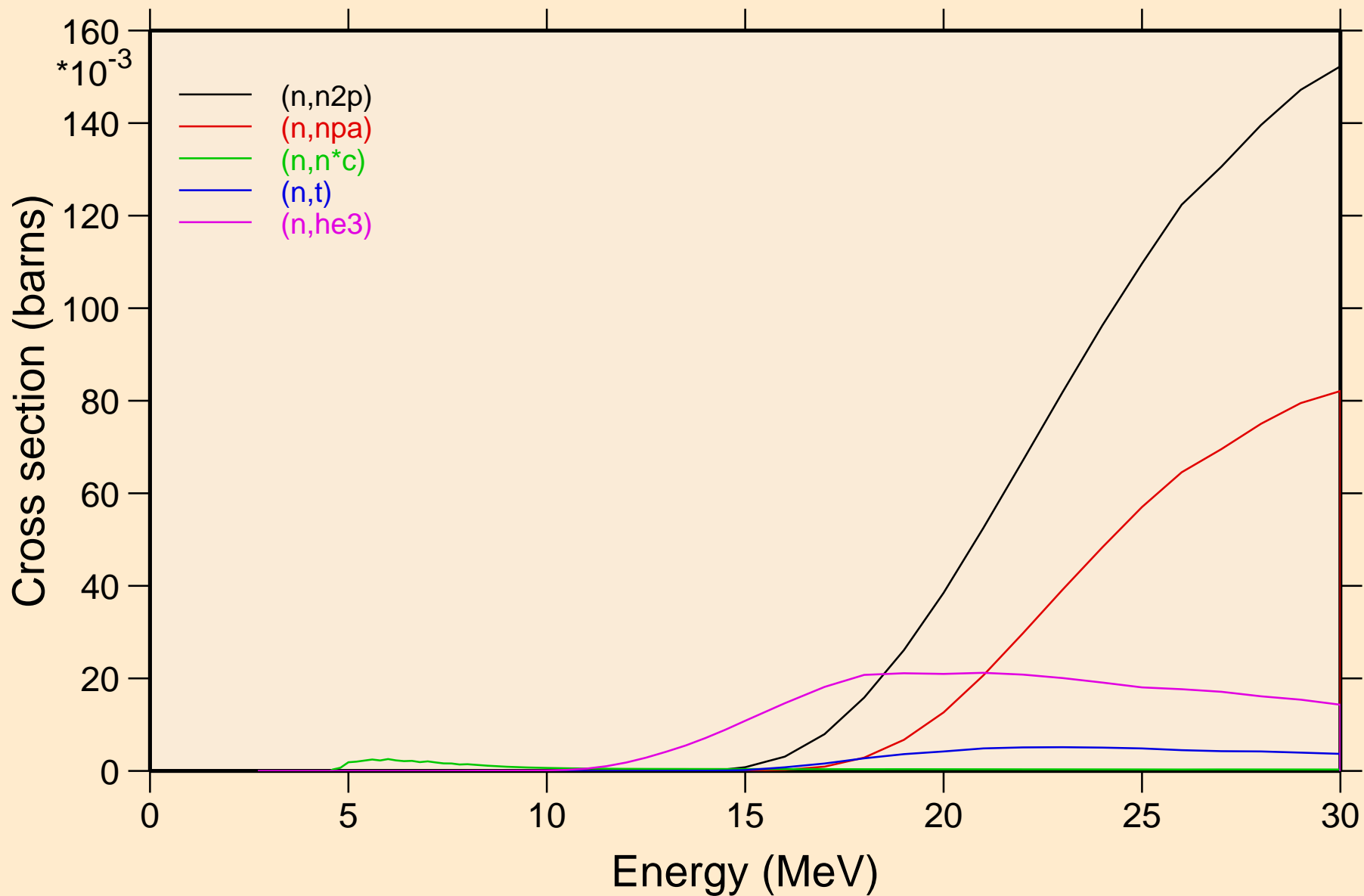
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## Threshold reactions



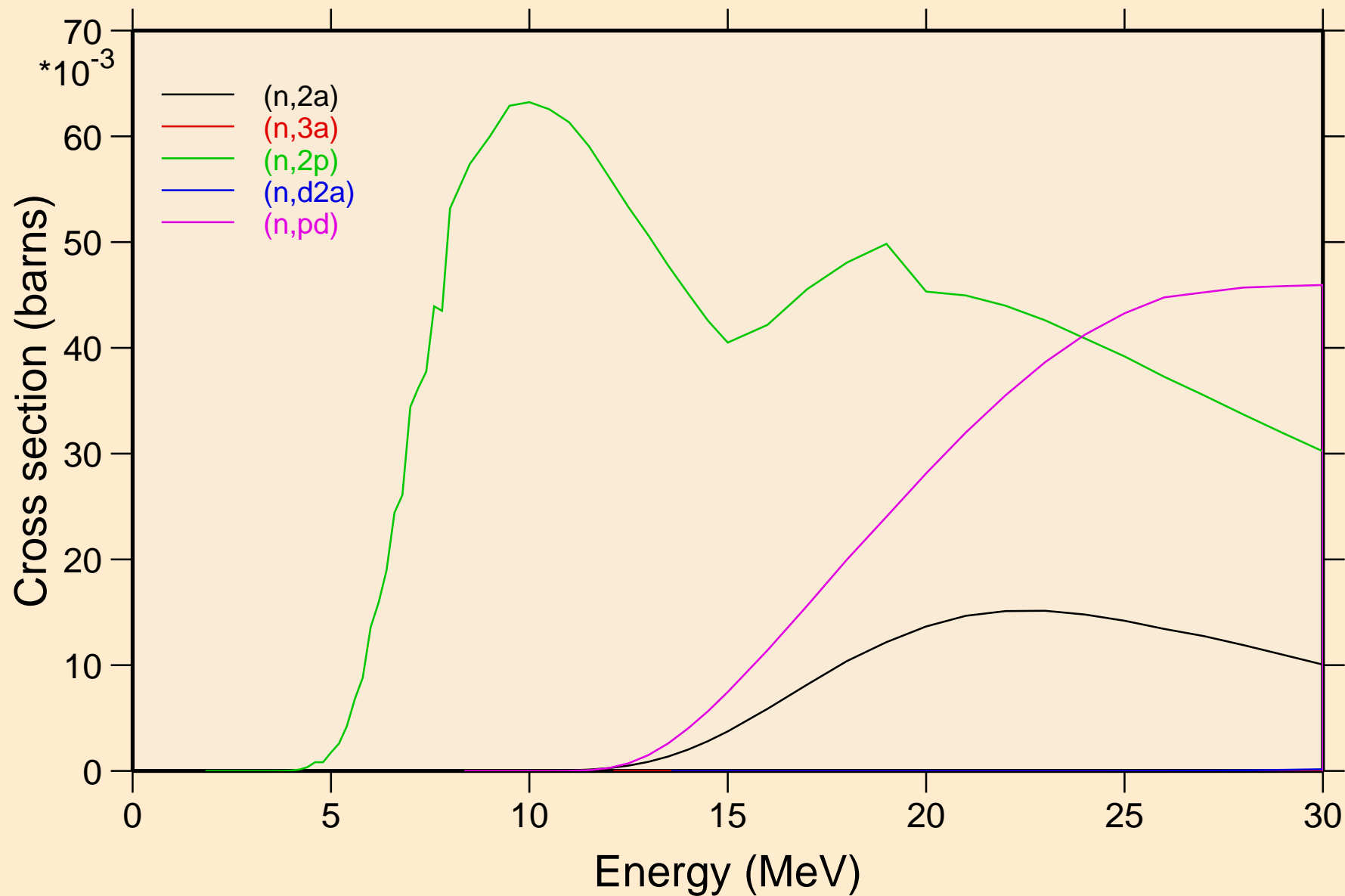
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## Threshold reactions

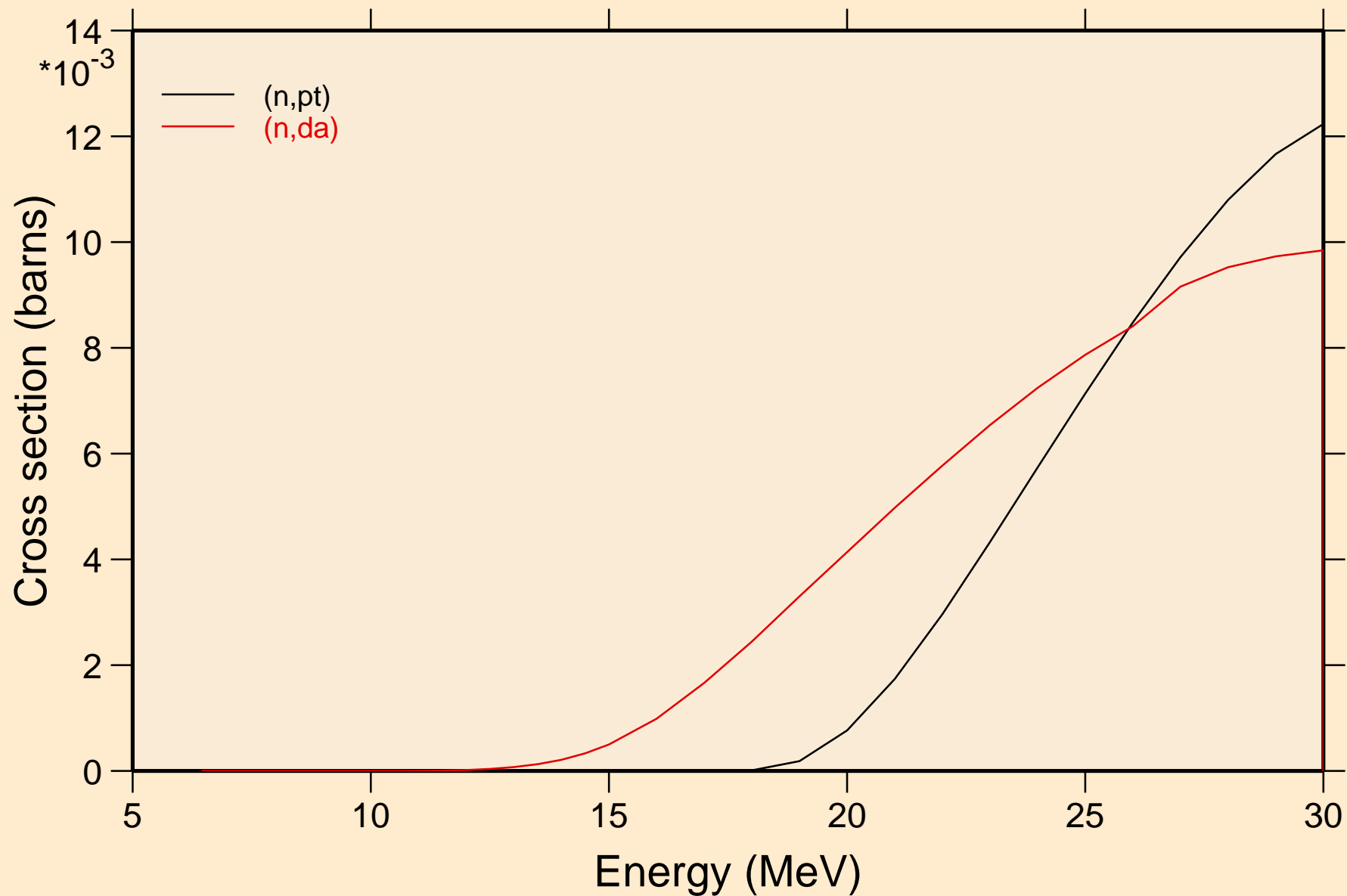


# K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

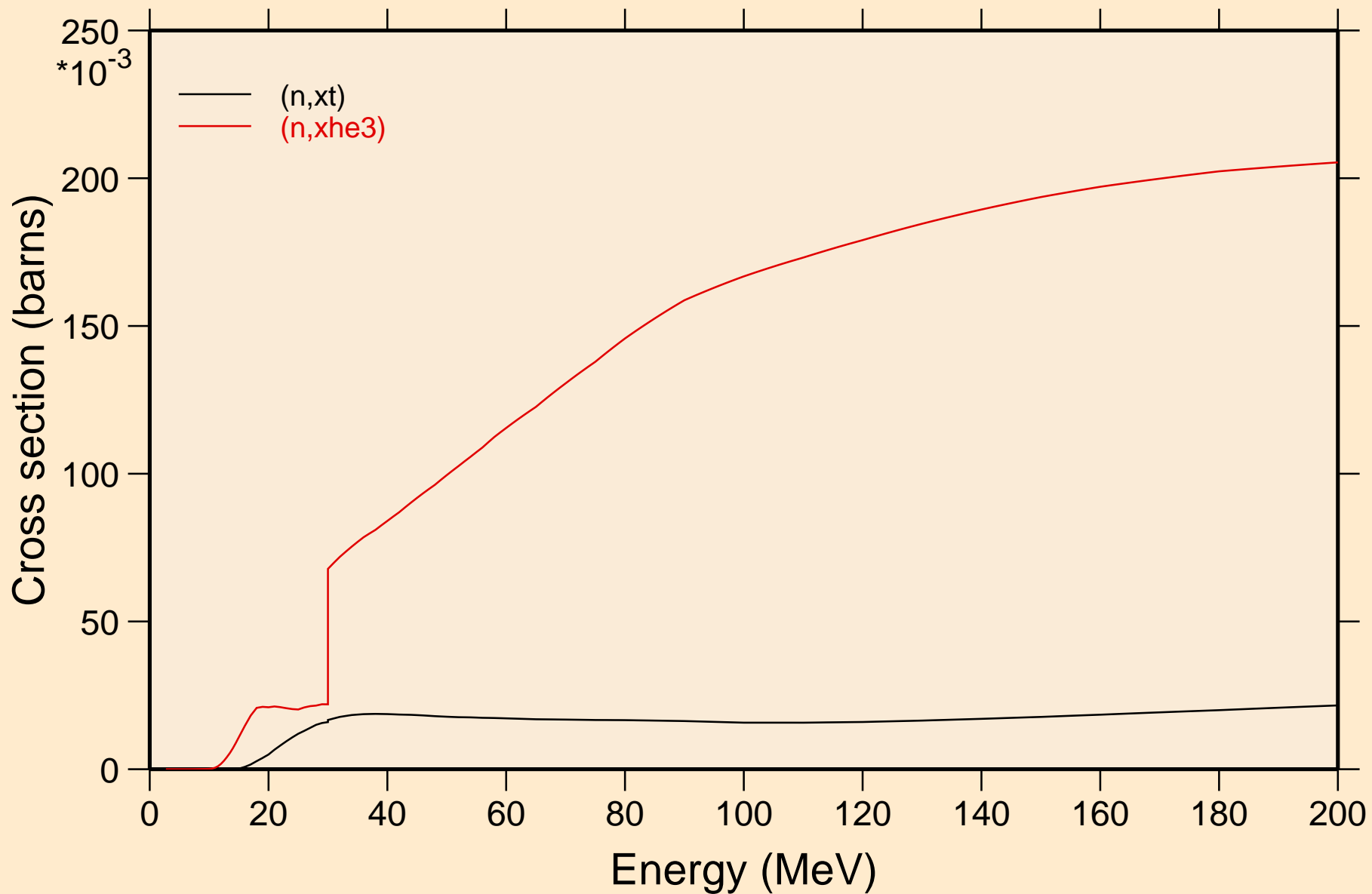


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

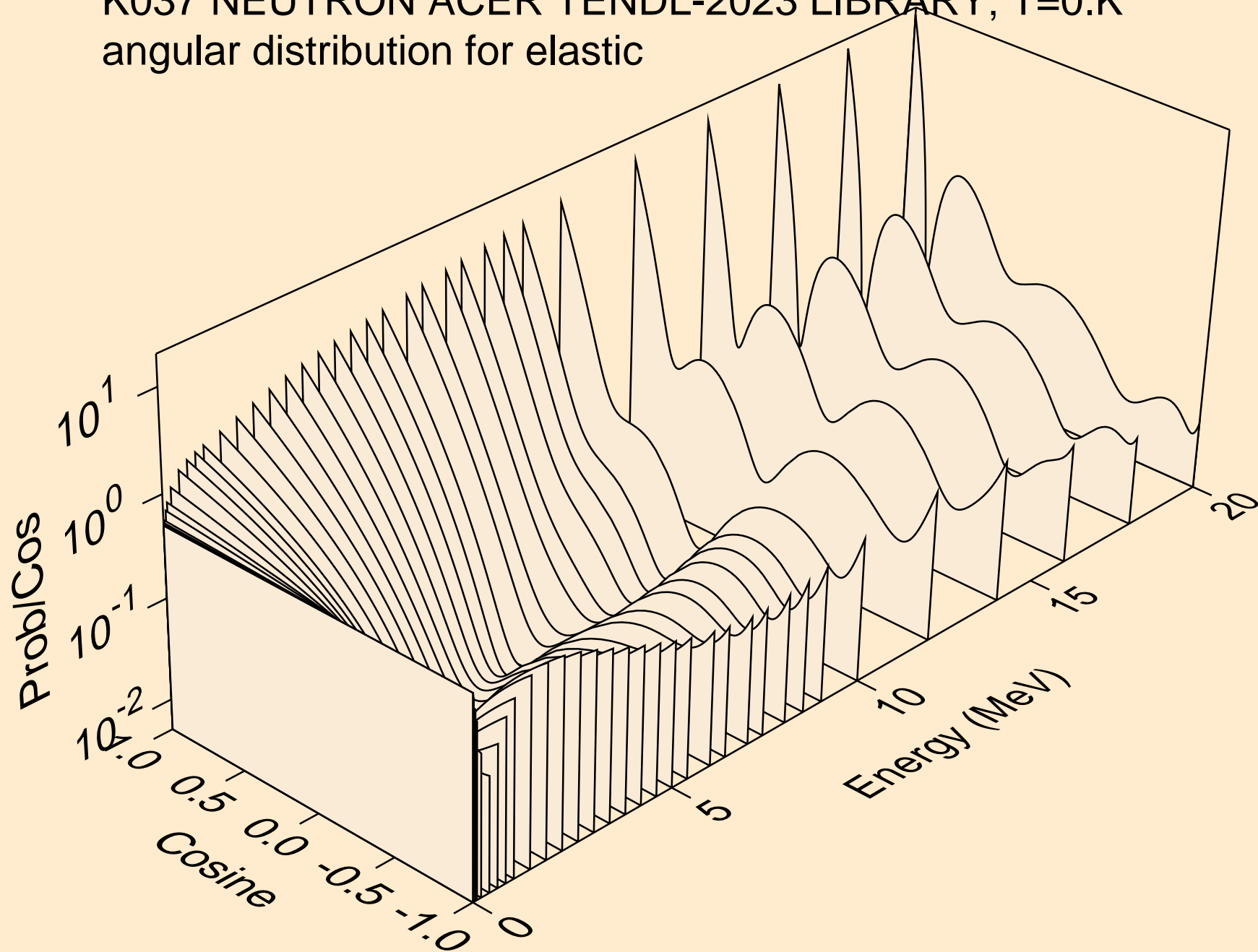


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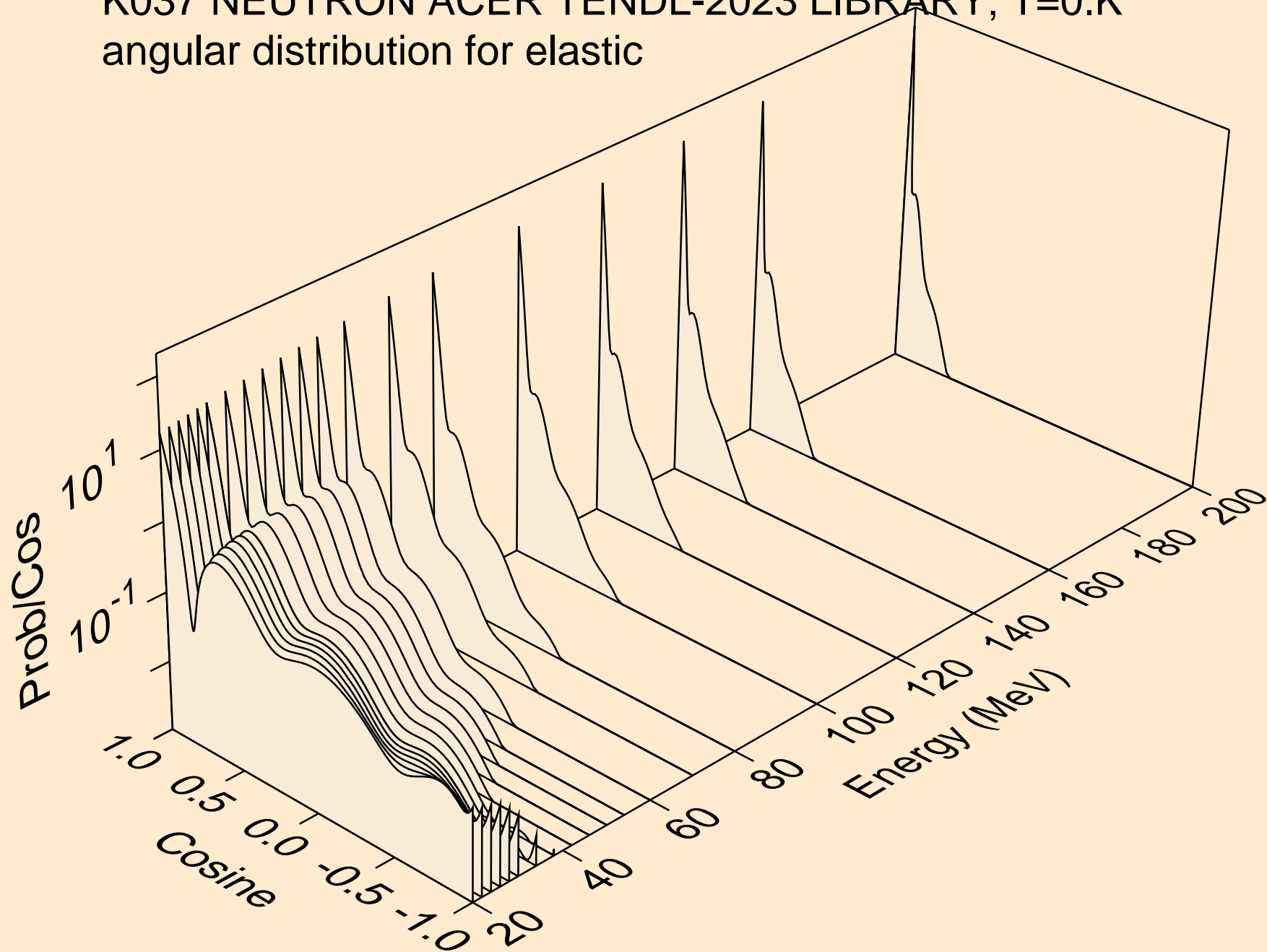
## Threshold reactions



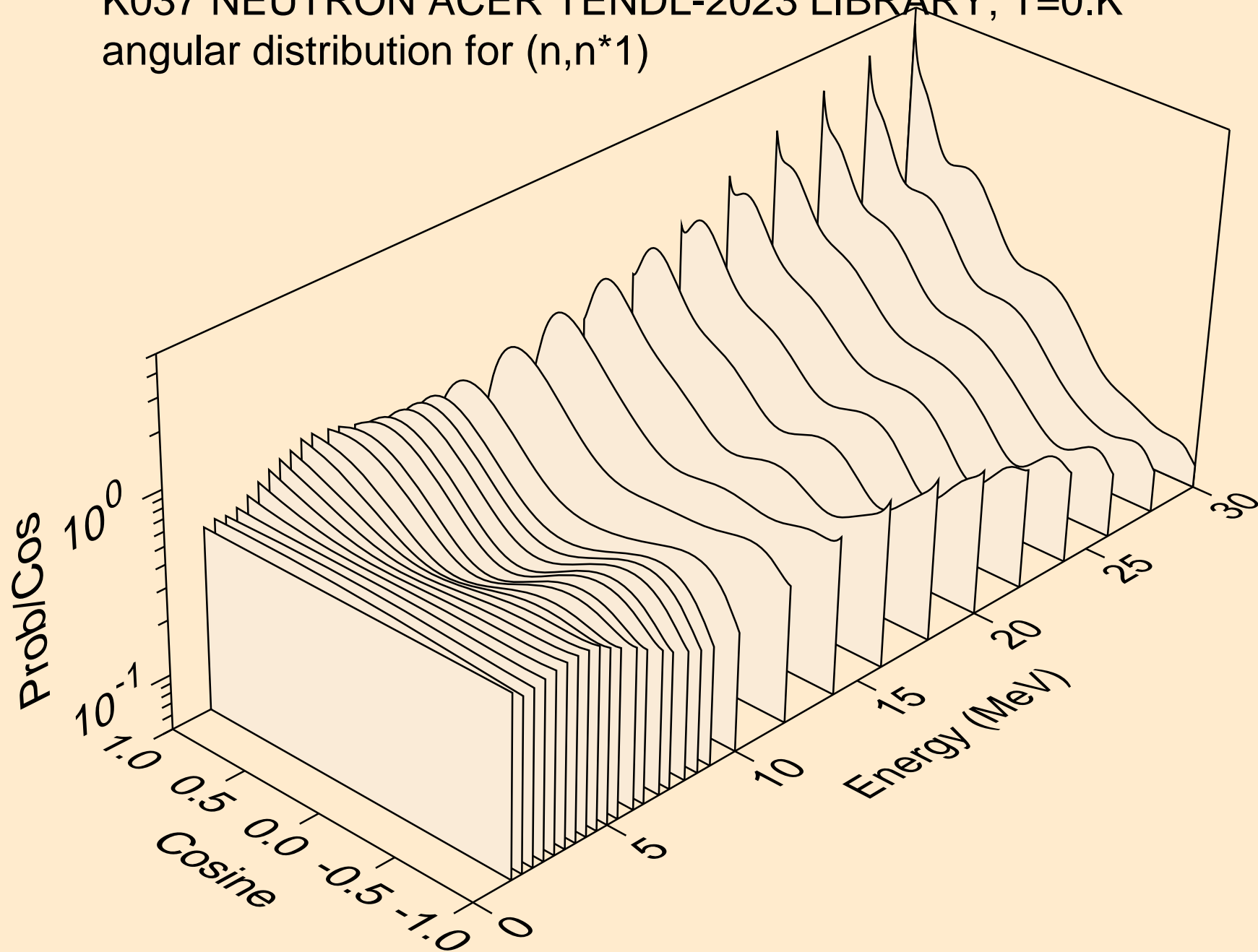
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

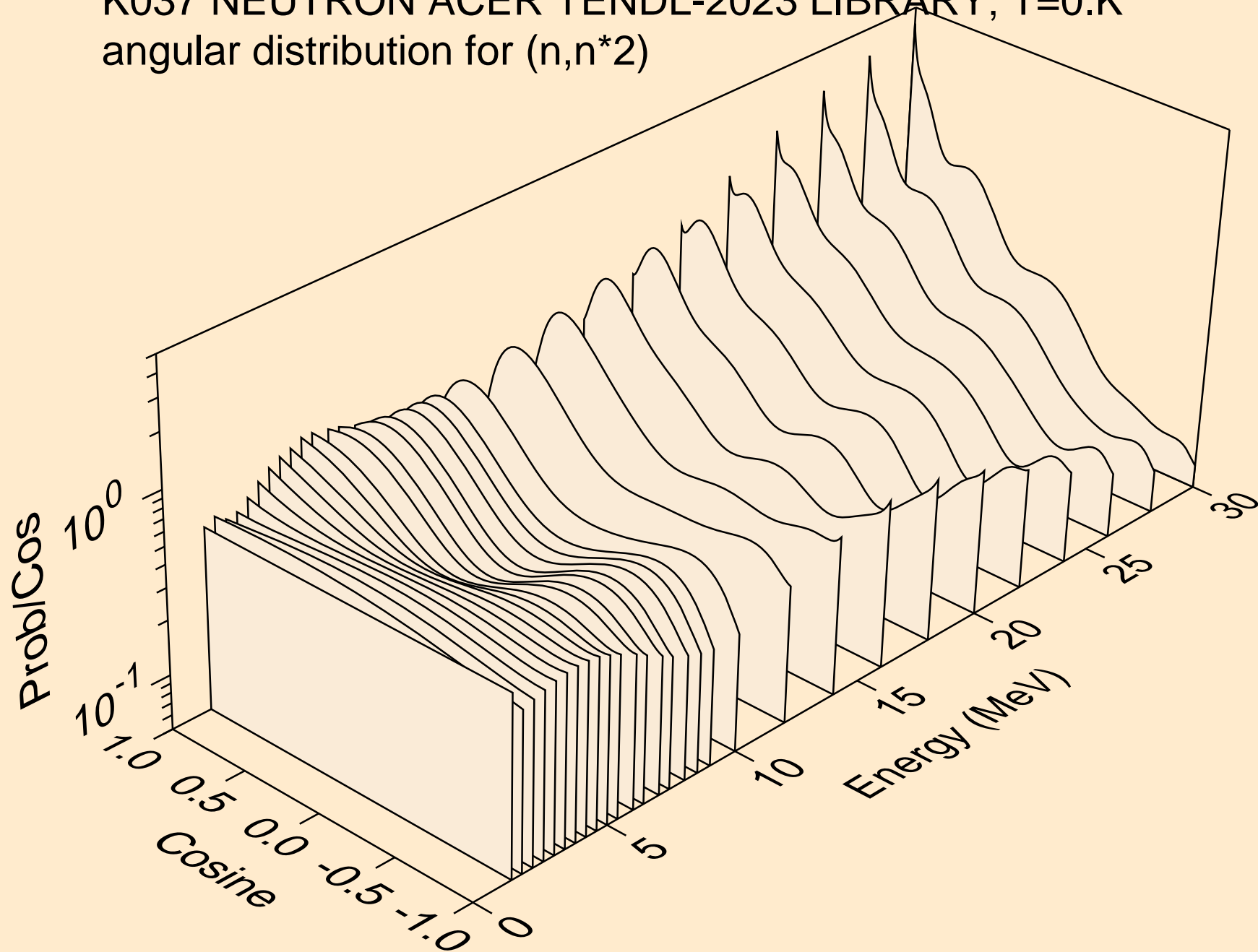


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

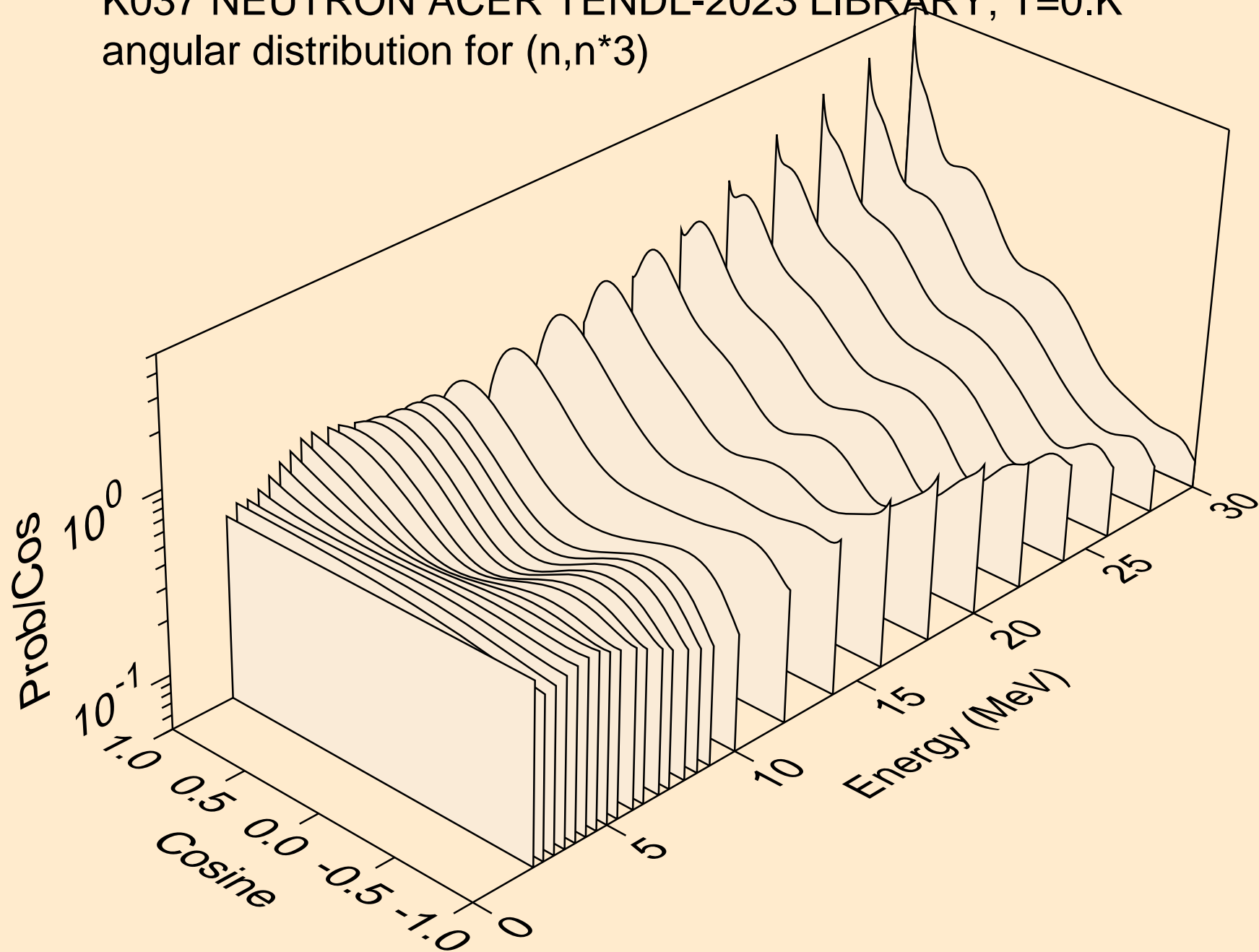




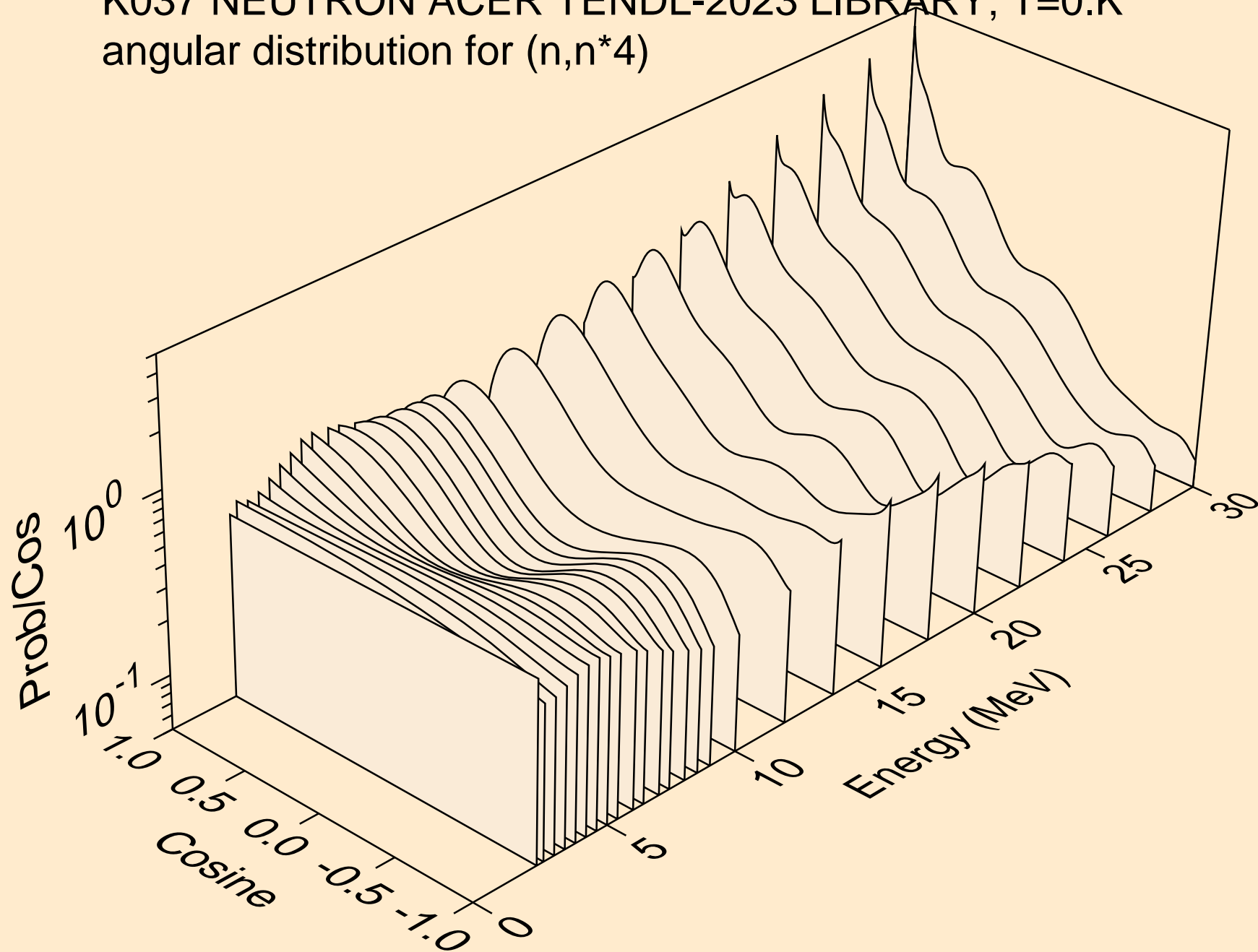
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angular distribution for (n,n\*2)



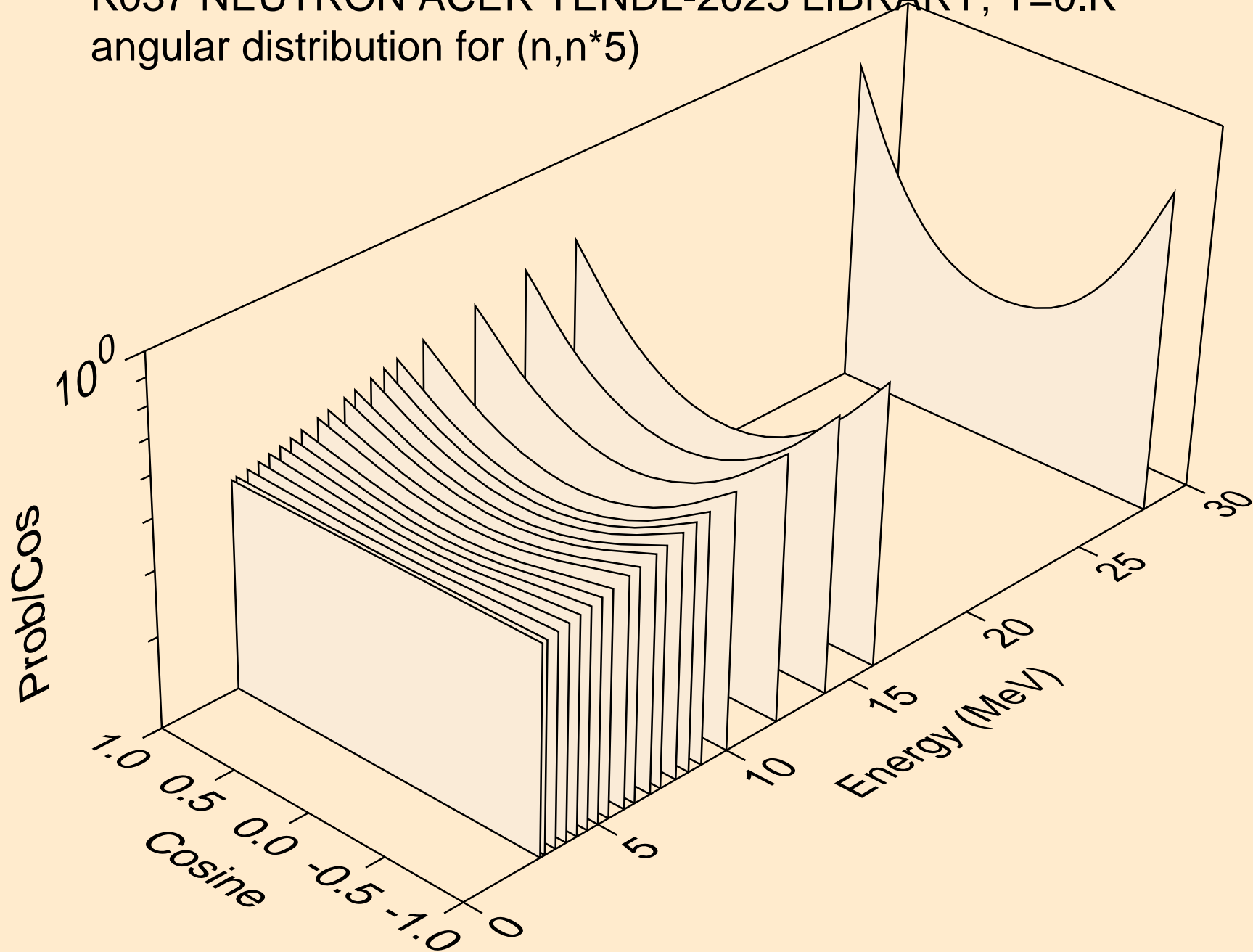
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angular distribution for (n,n\*3)



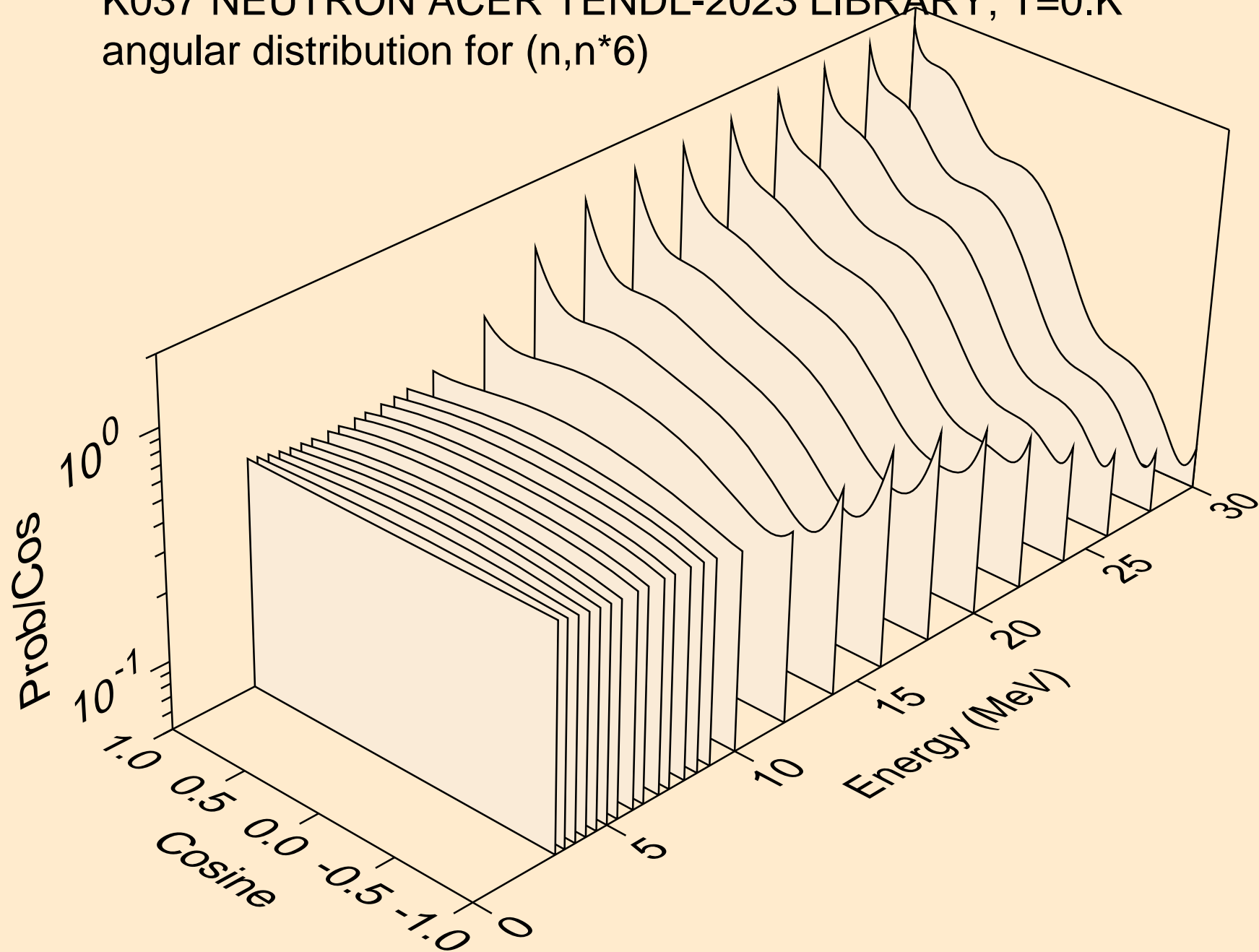
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angular distribution for (n,n\*4)



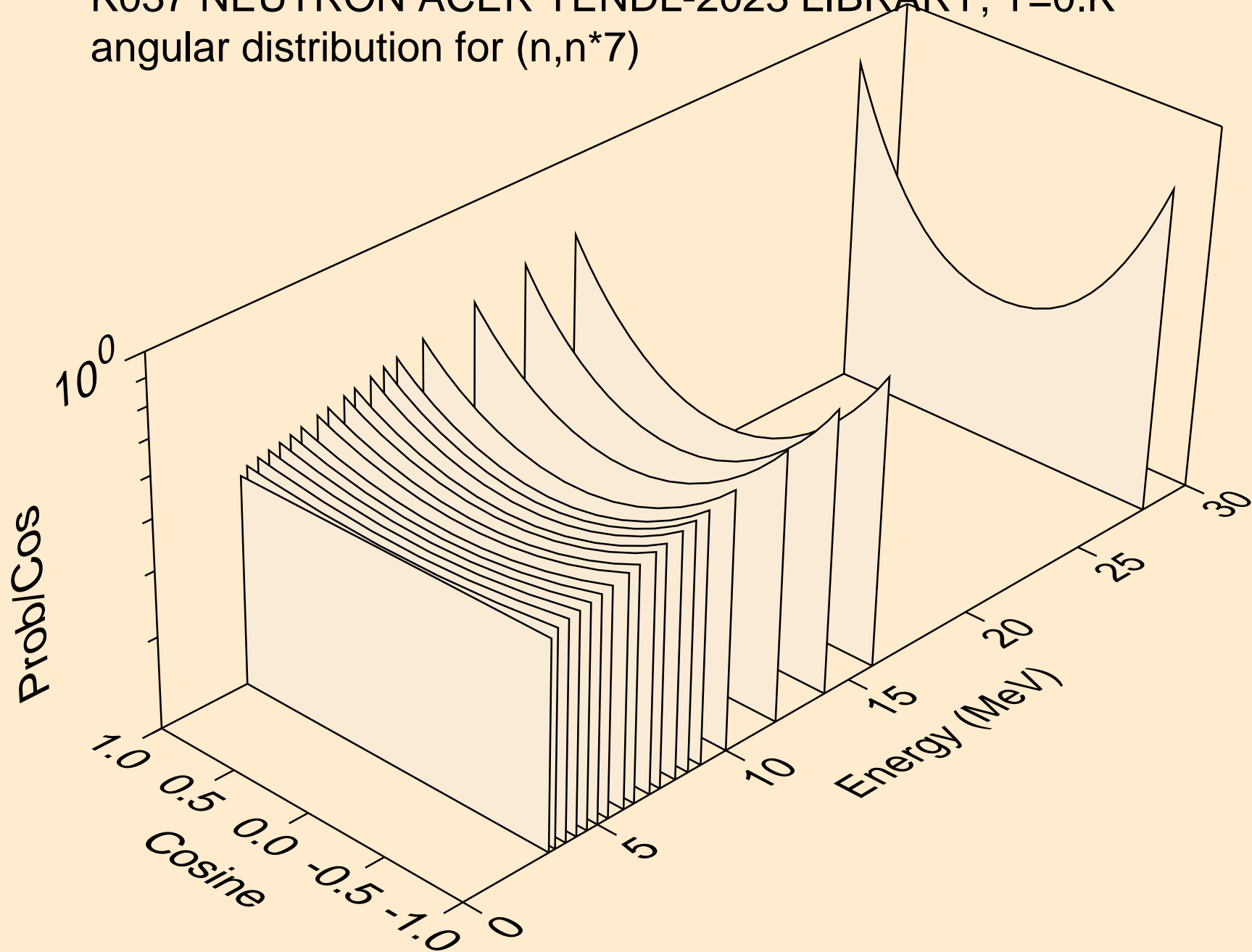
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angular distribution for (n,n\*5)



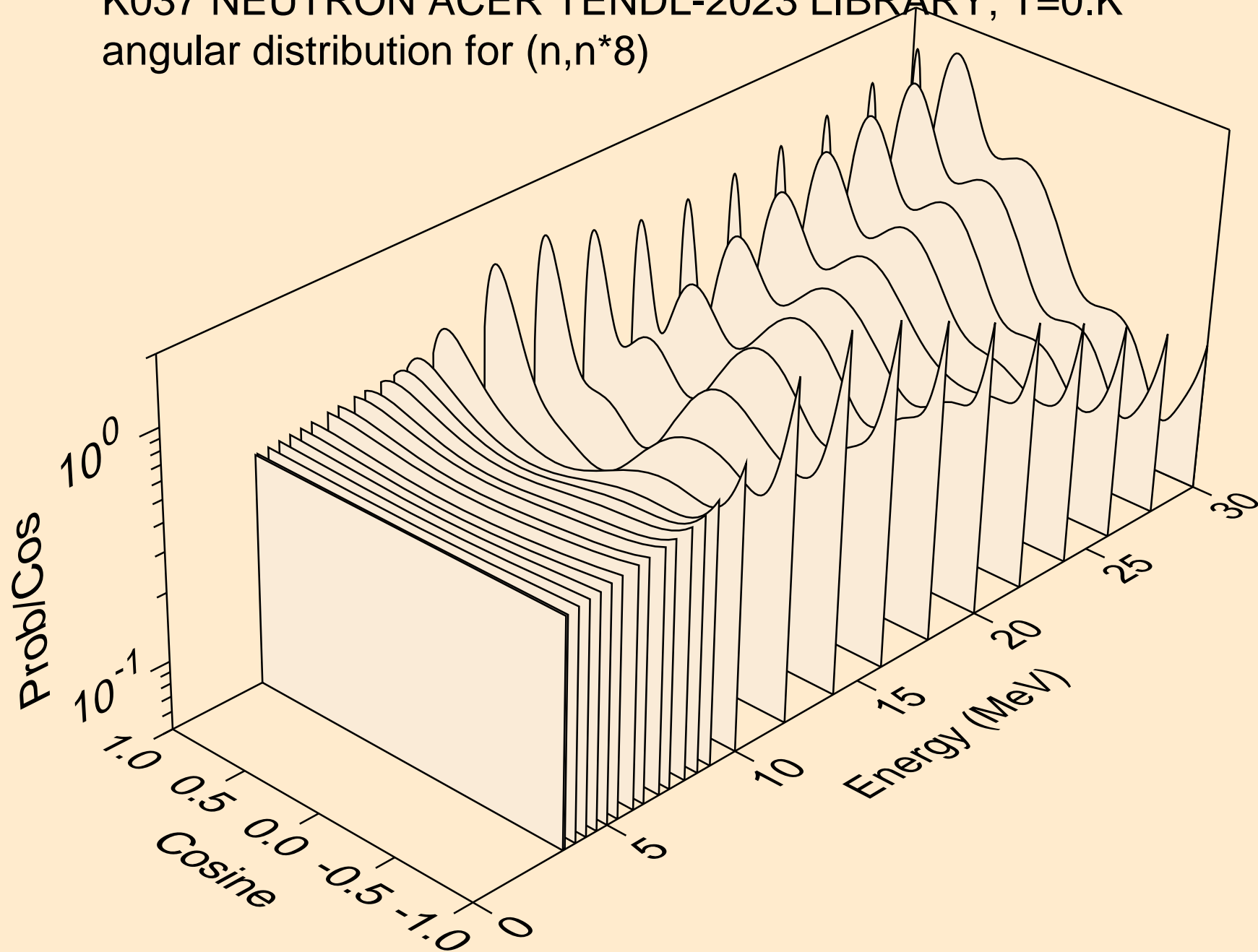
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angular distribution for (n,n\*6)



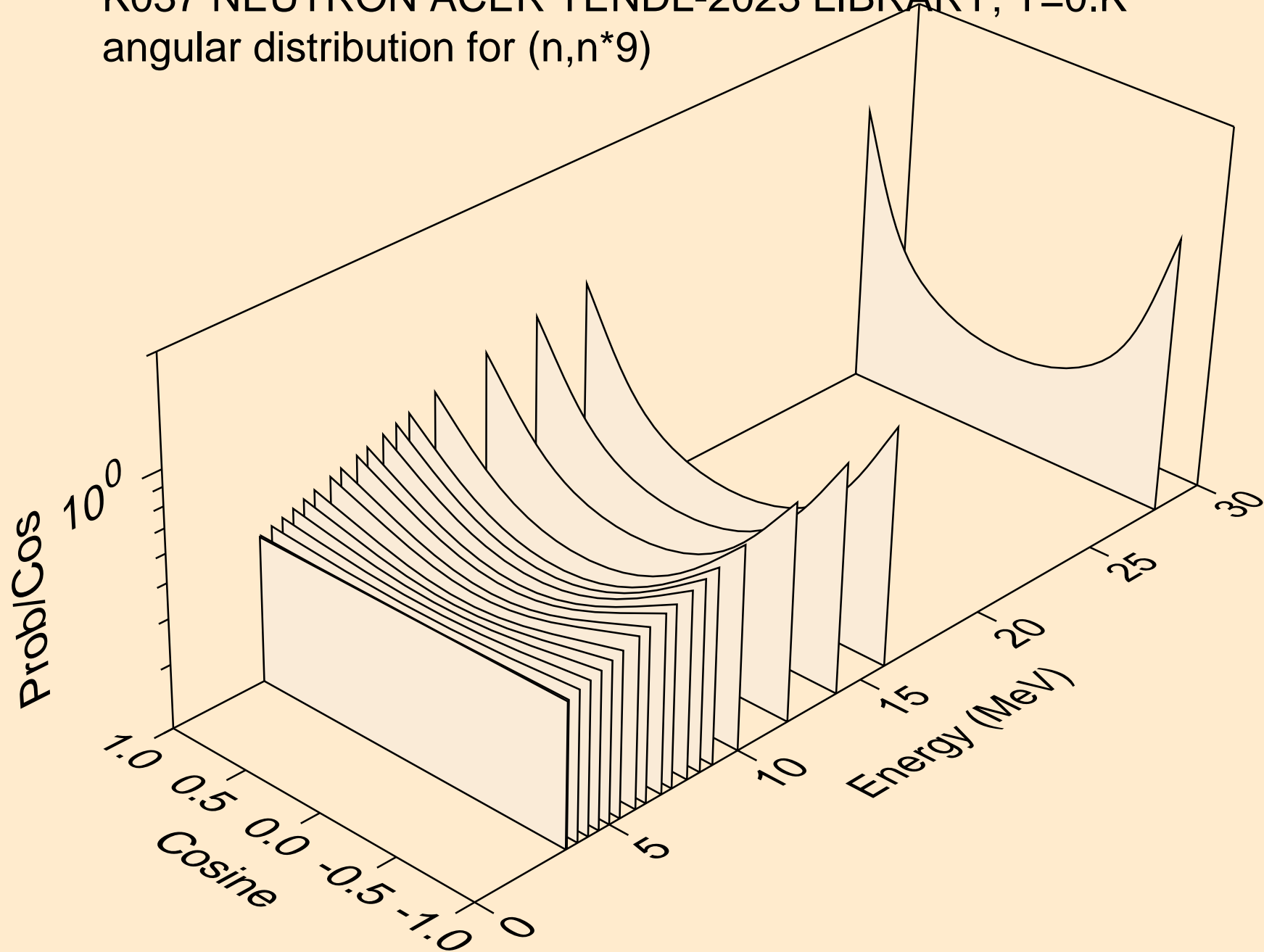
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

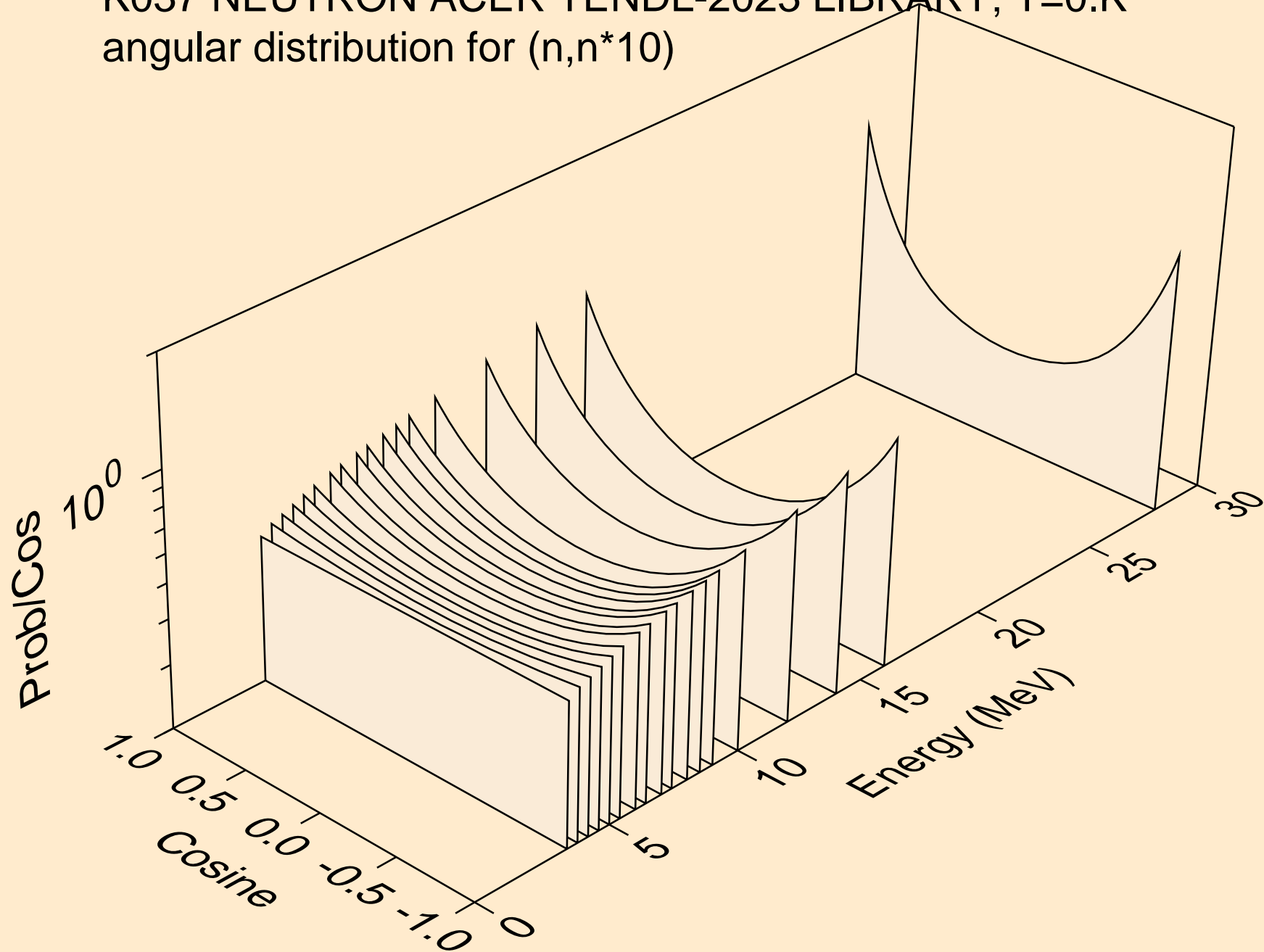


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

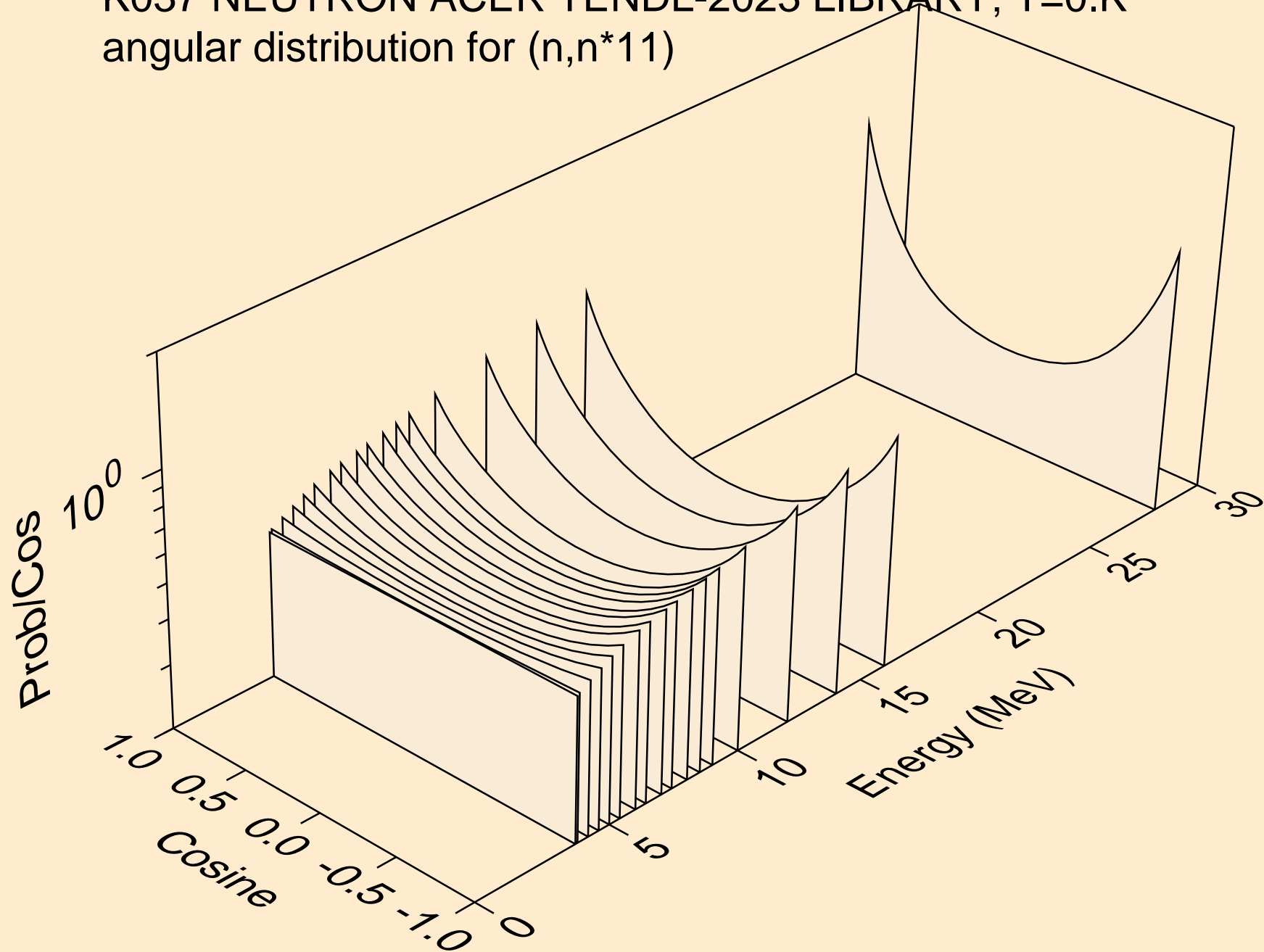




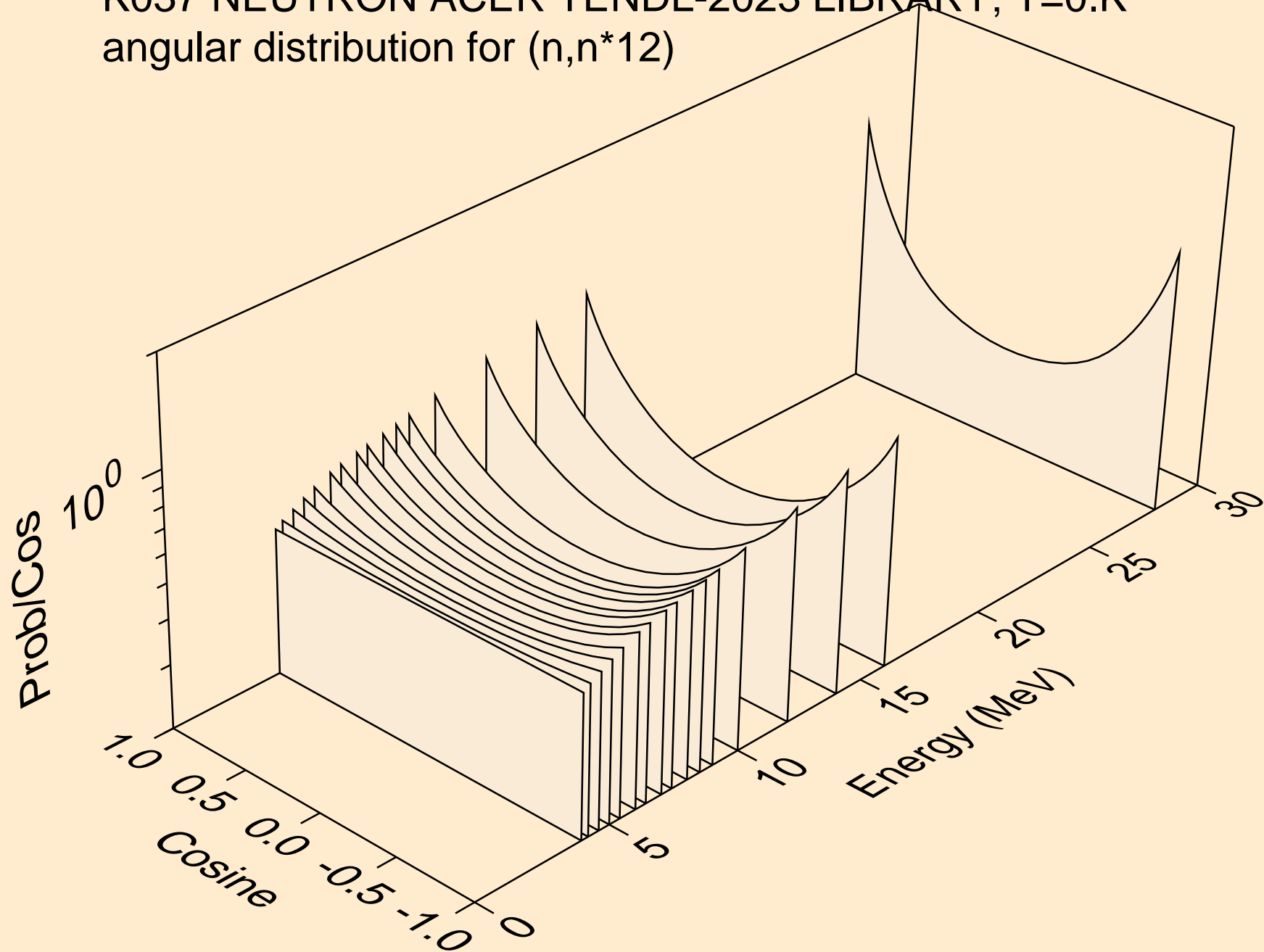
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angular distribution for (n,n\*10)



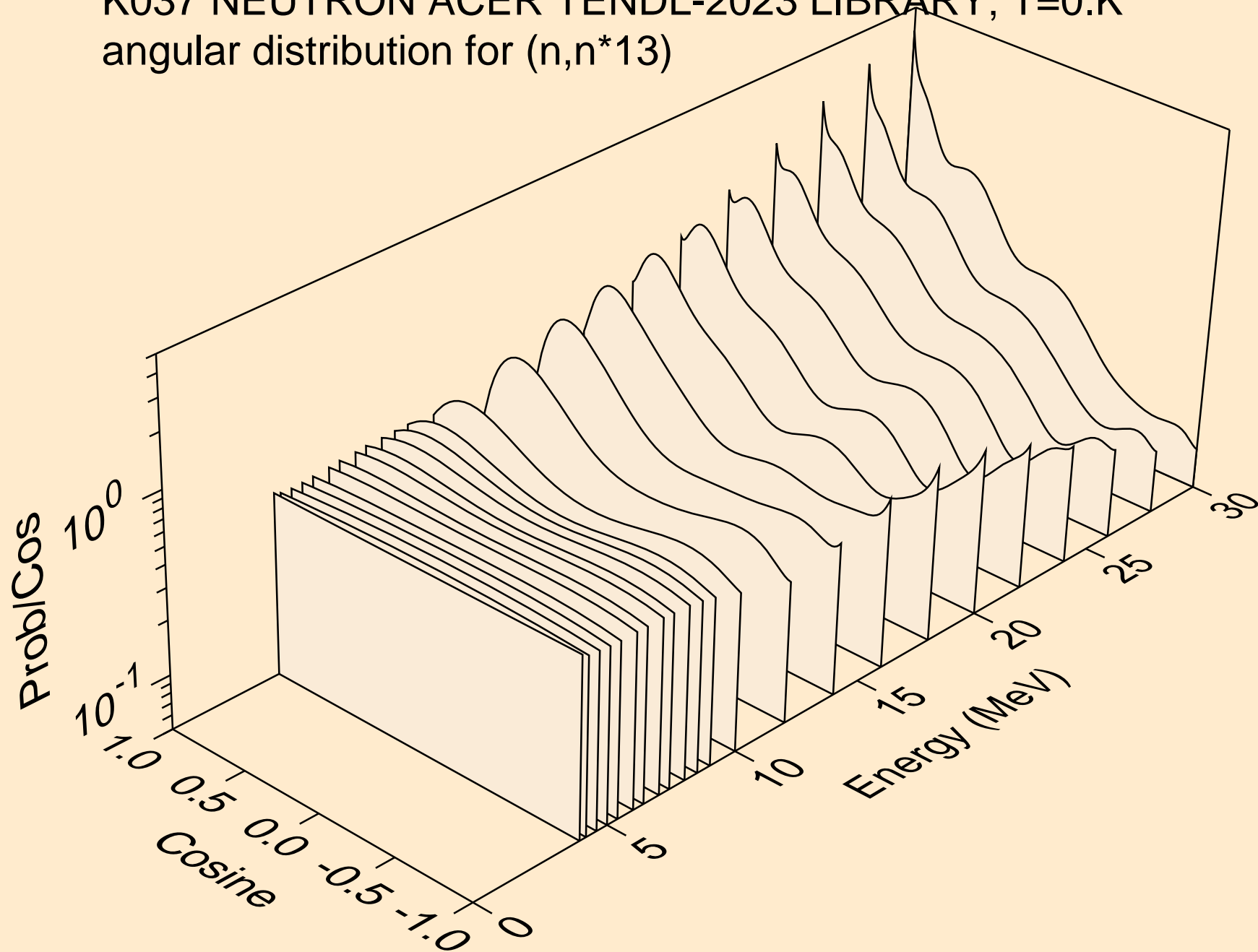
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angular distribution for (n,n\*11)



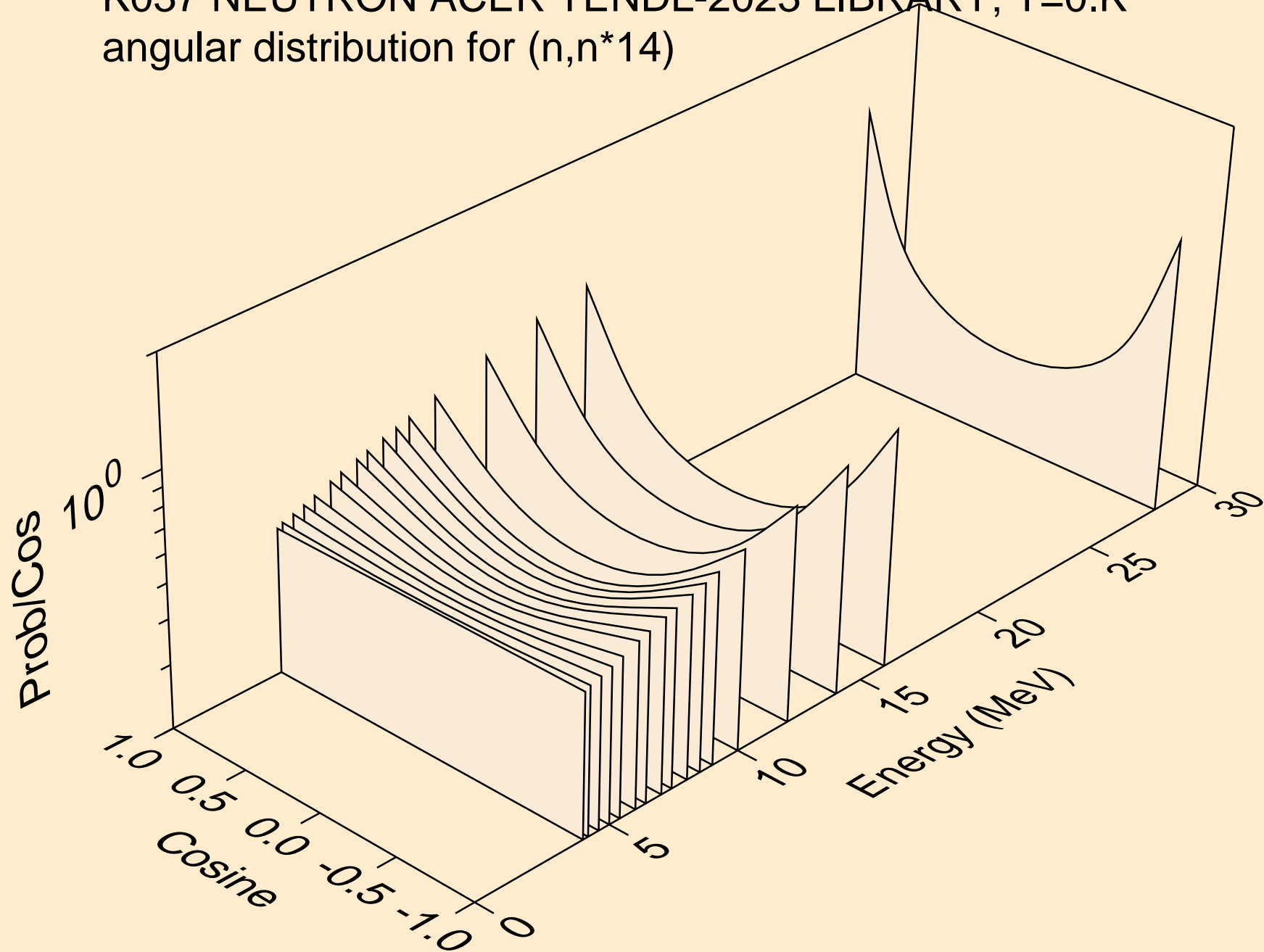
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angular distribution for (n,n\*12)



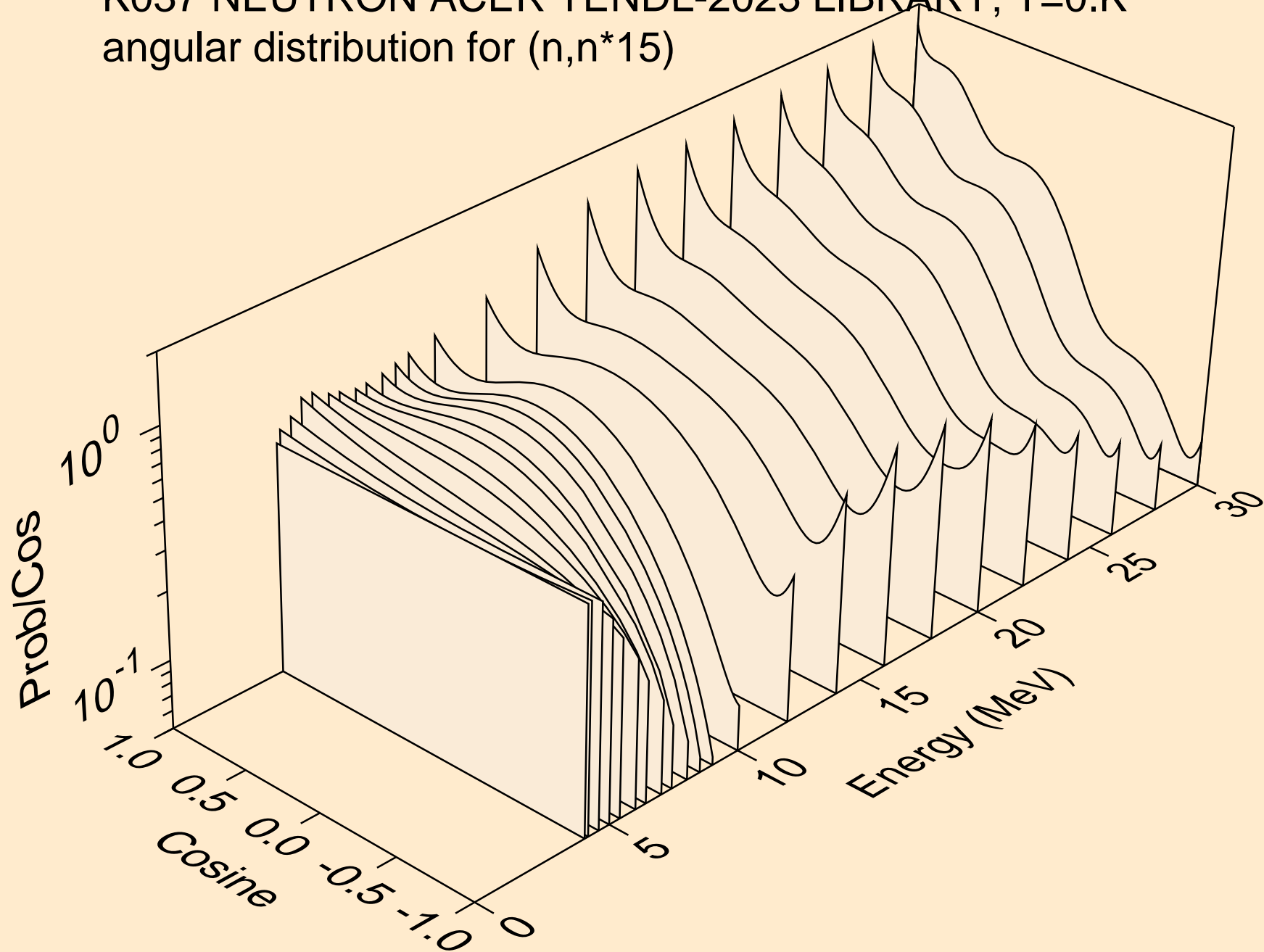
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angular distribution for (n,n\*13)



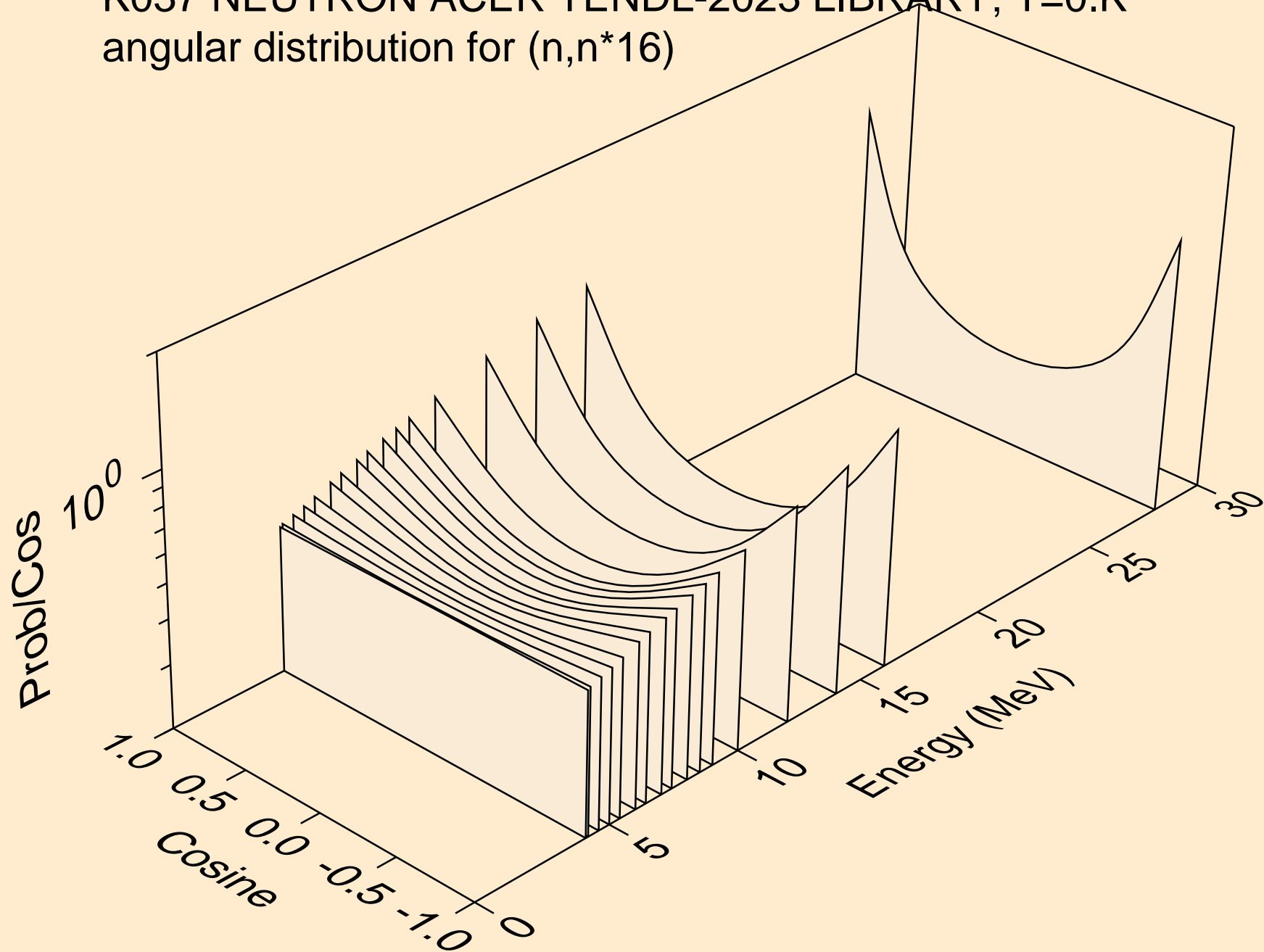
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angular distribution for (n,n\*14)



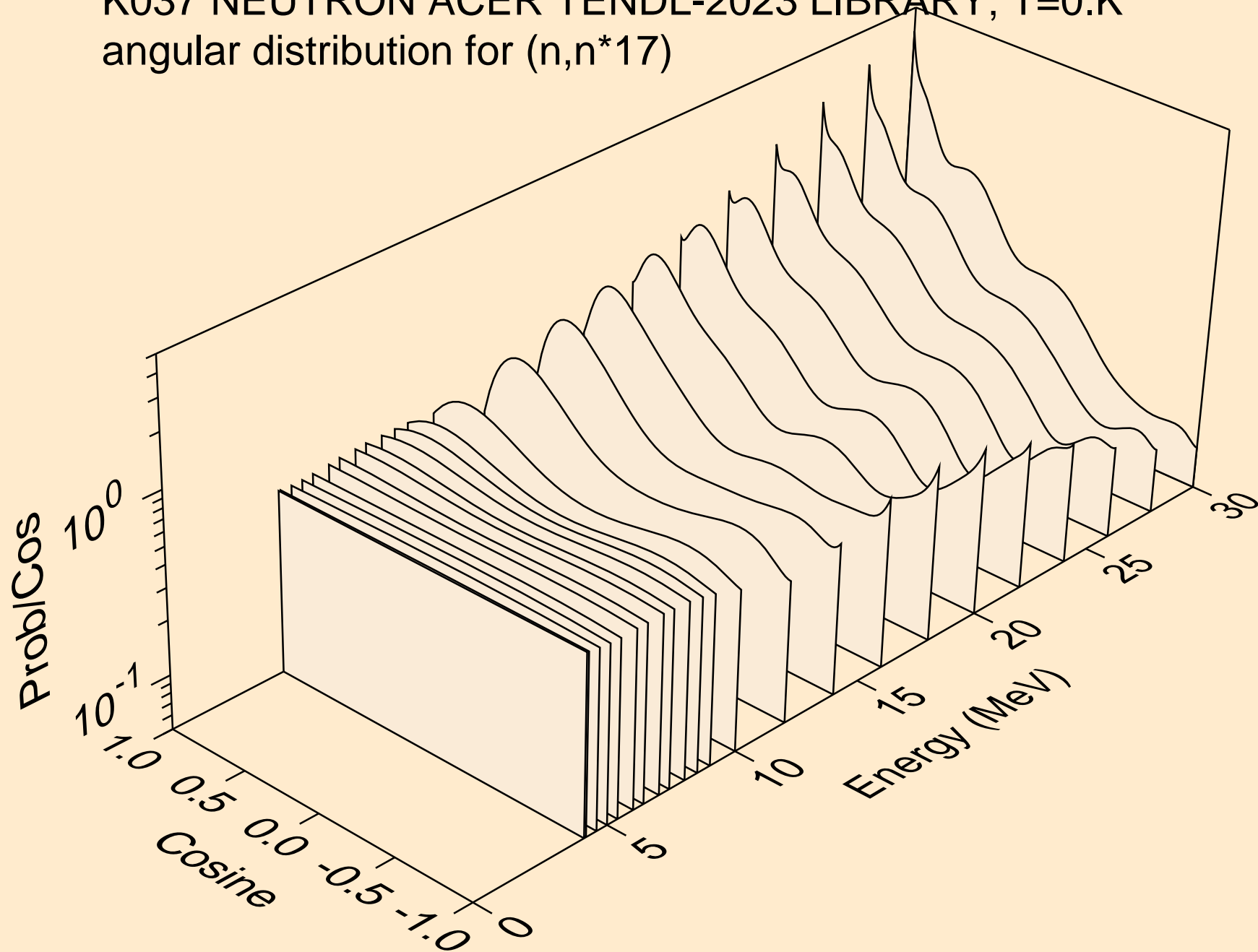
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

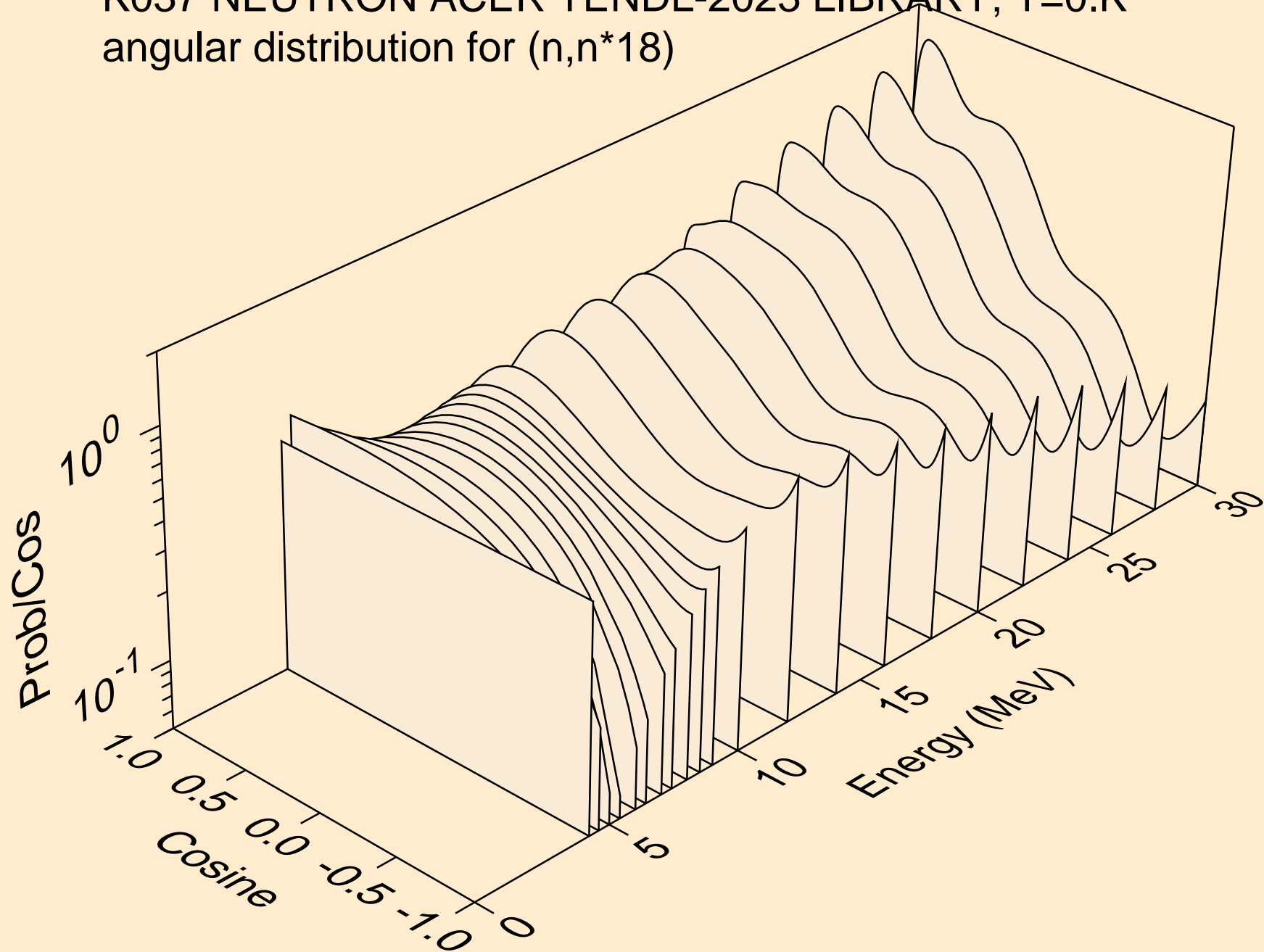


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angular distribution for (n,n\*17)

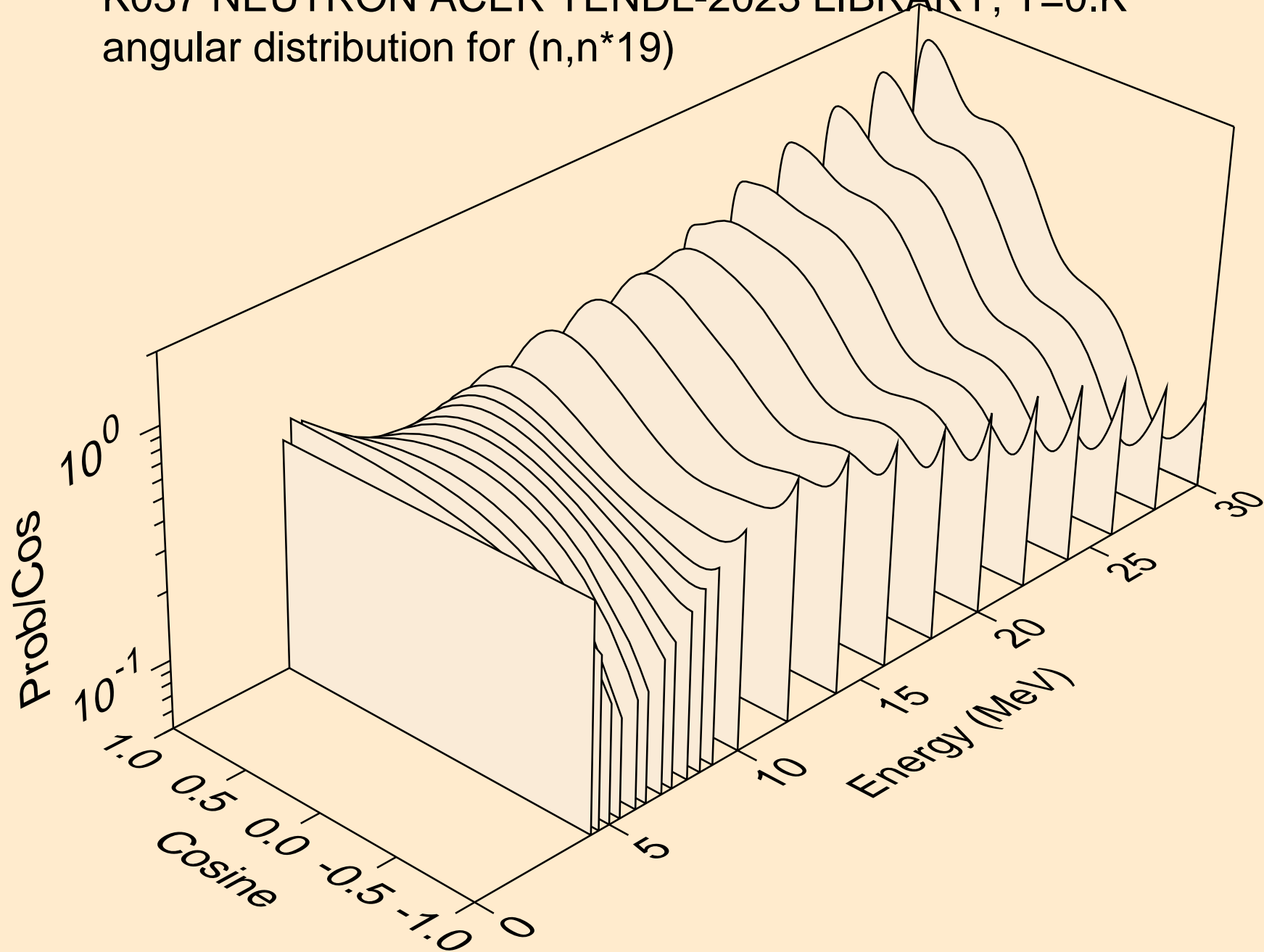




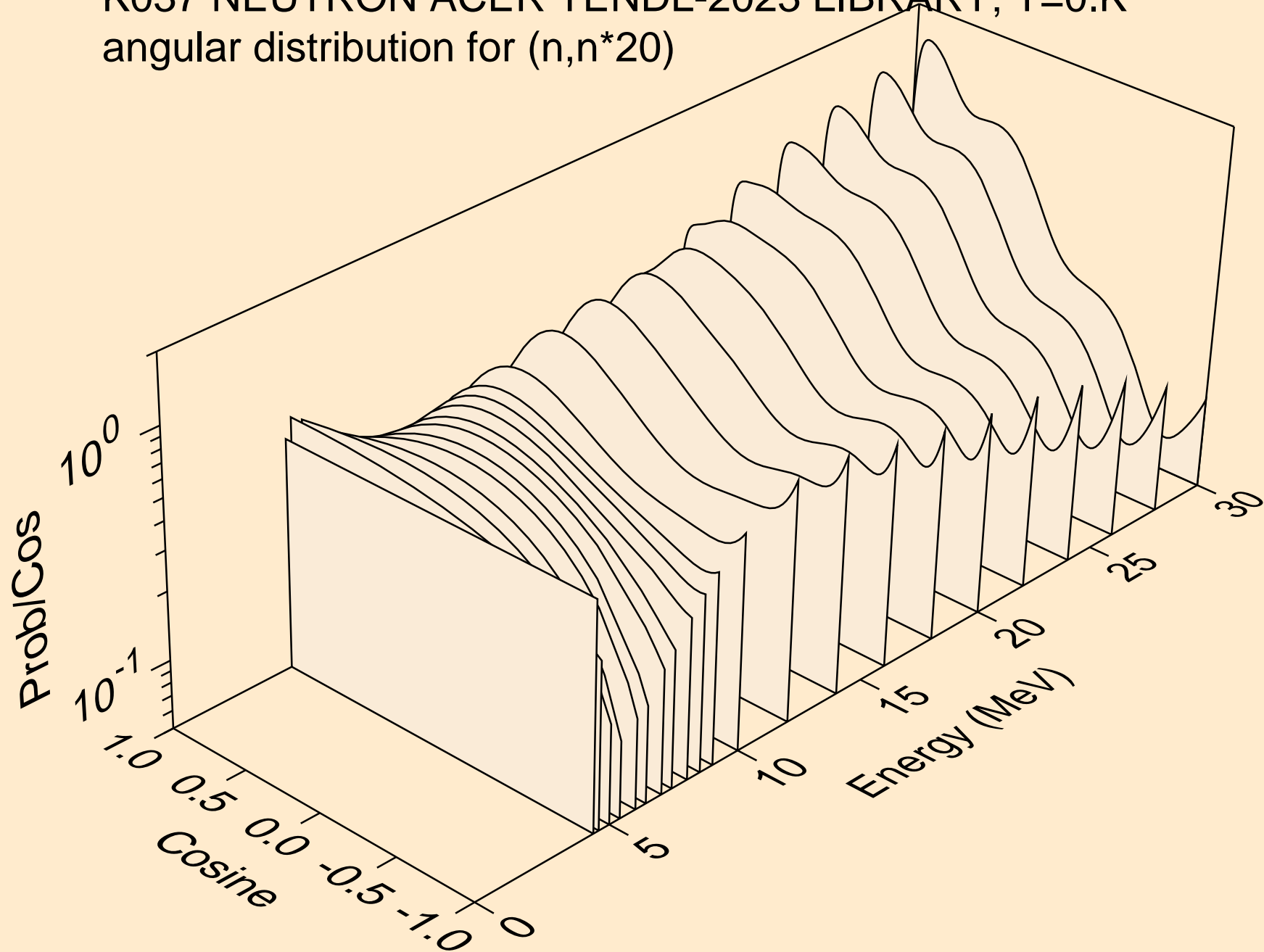
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angular distribution for (n,n\*18)



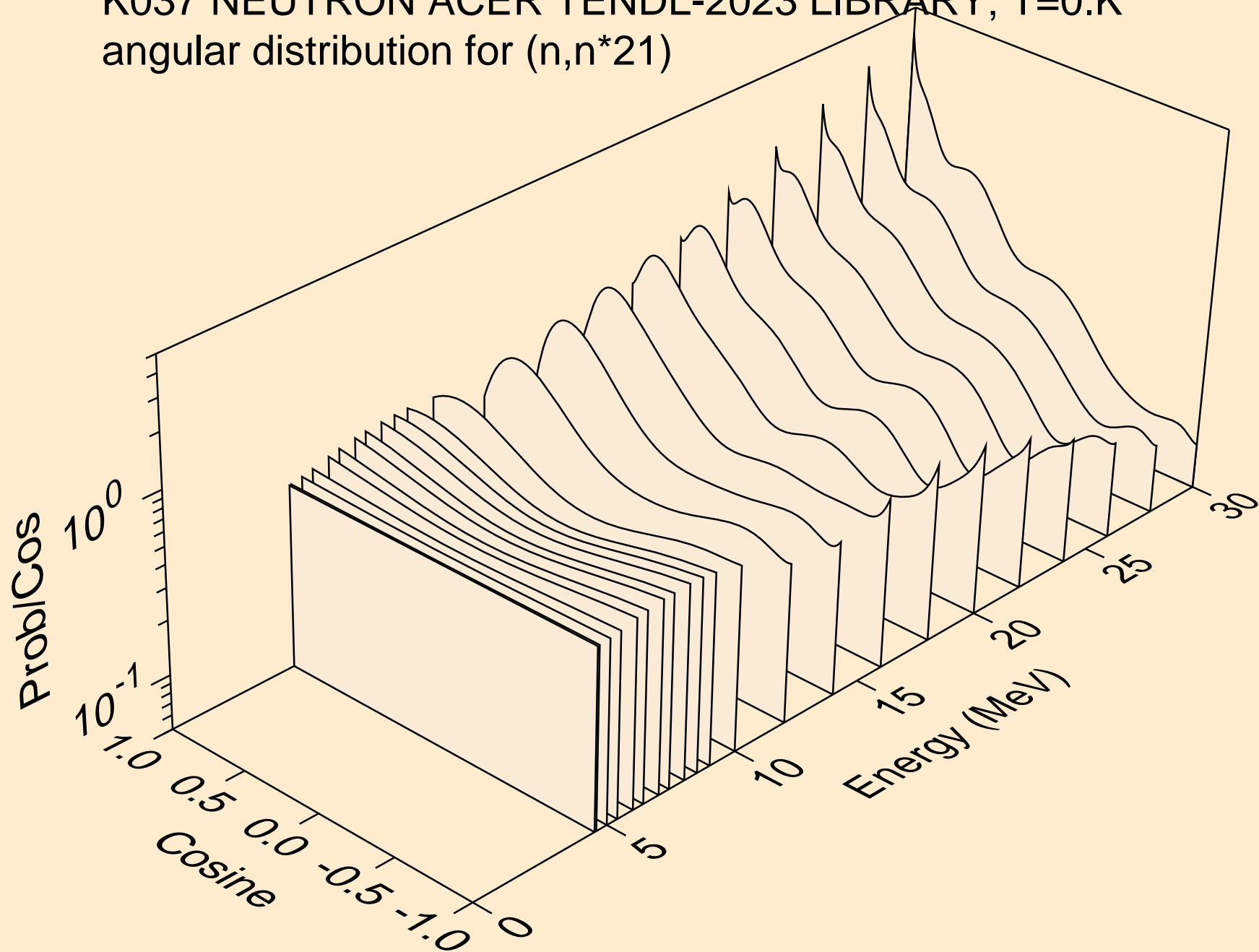
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angular distribution for (n,n\*19)



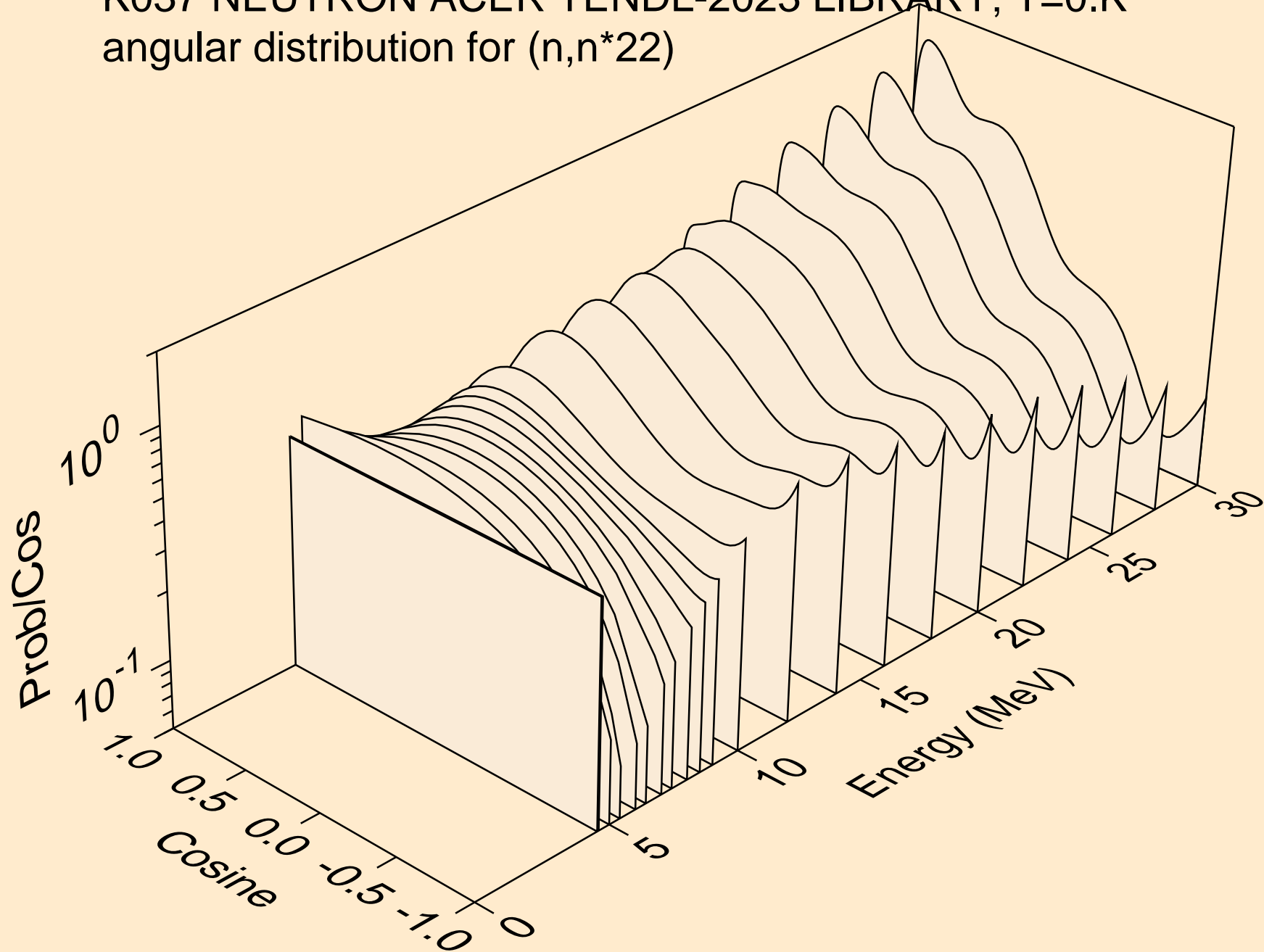
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angular distribution for (n,n\*20)



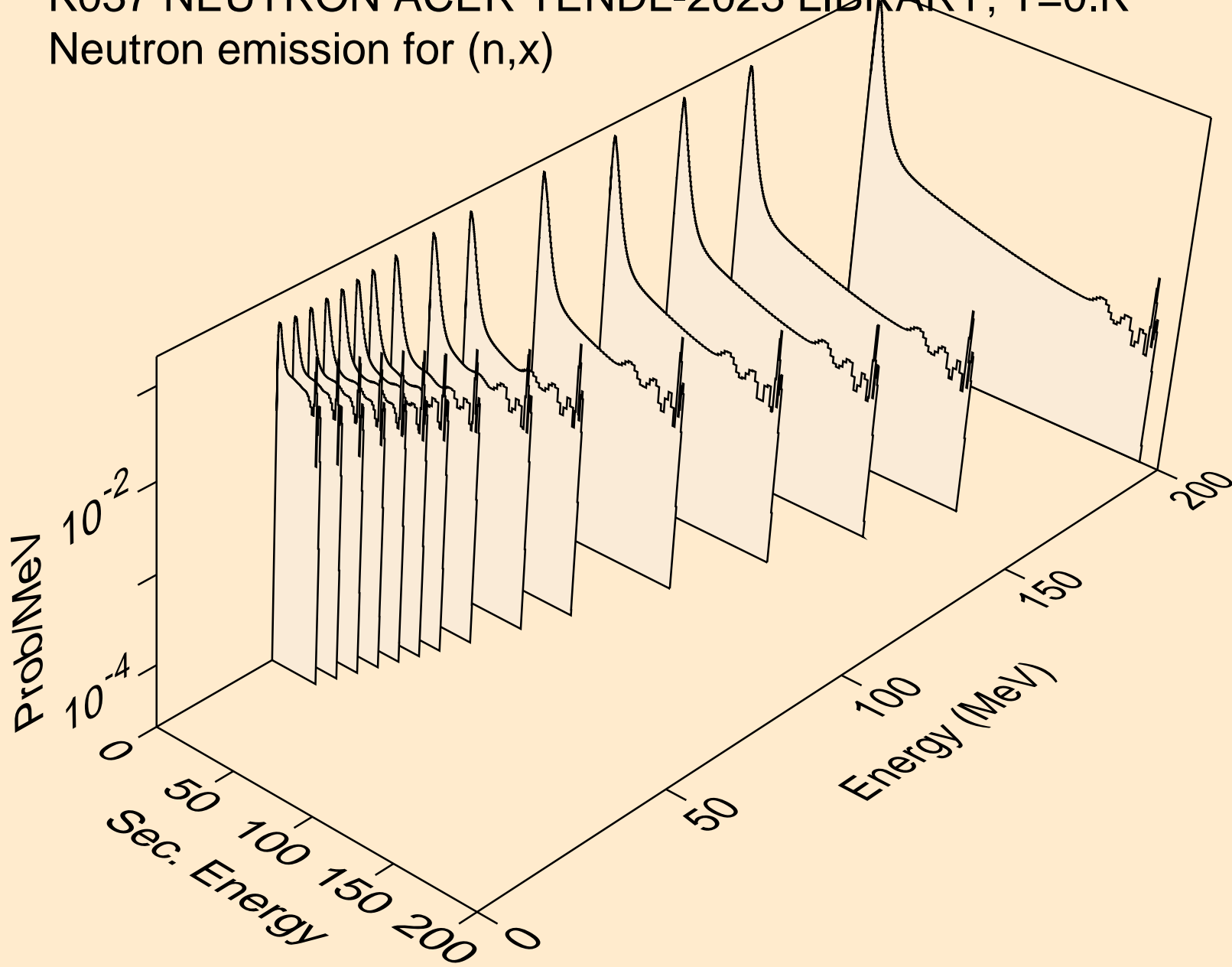
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angular distribution for (n,n\*21)



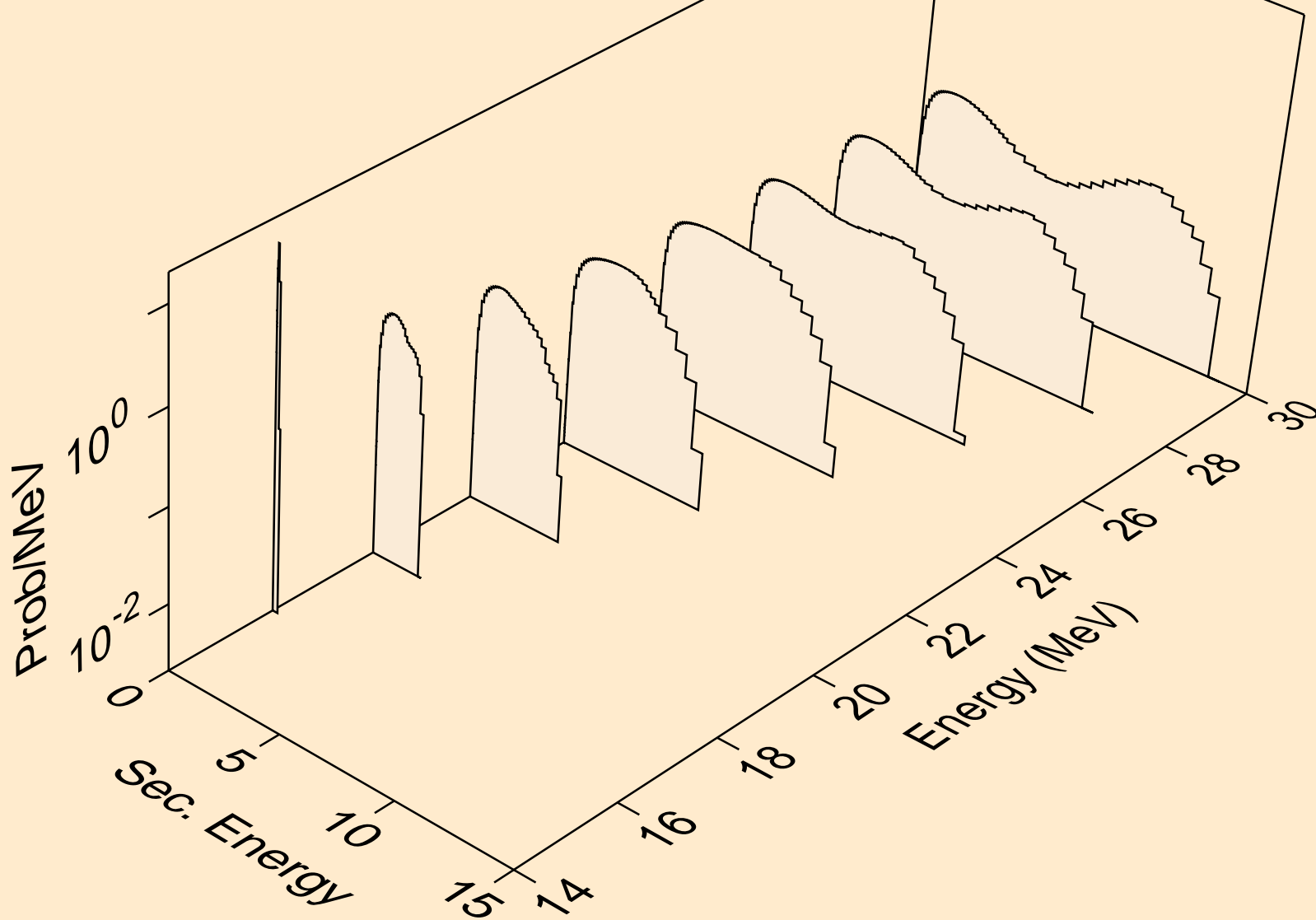
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angular distribution for (n,n\*22)



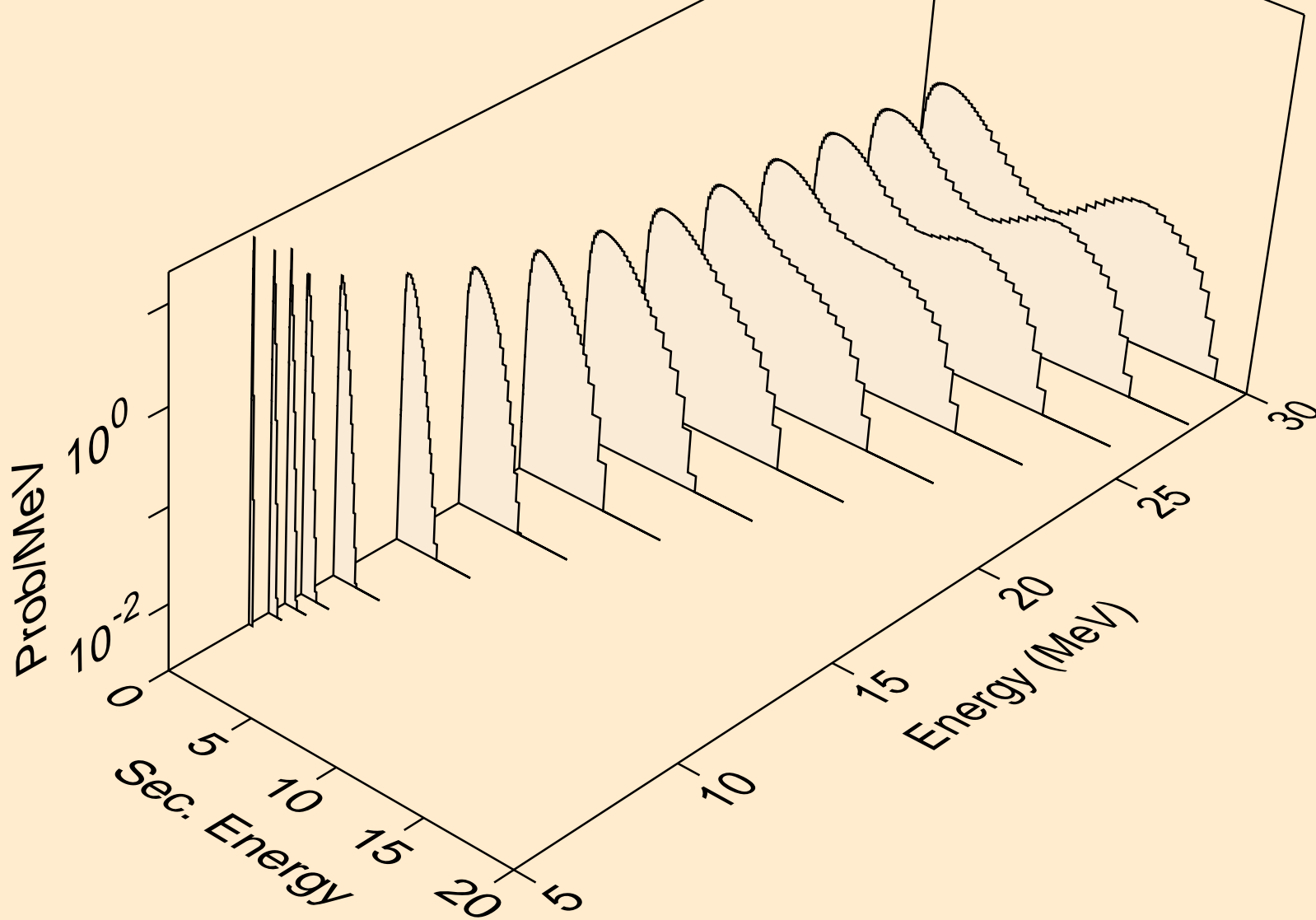
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

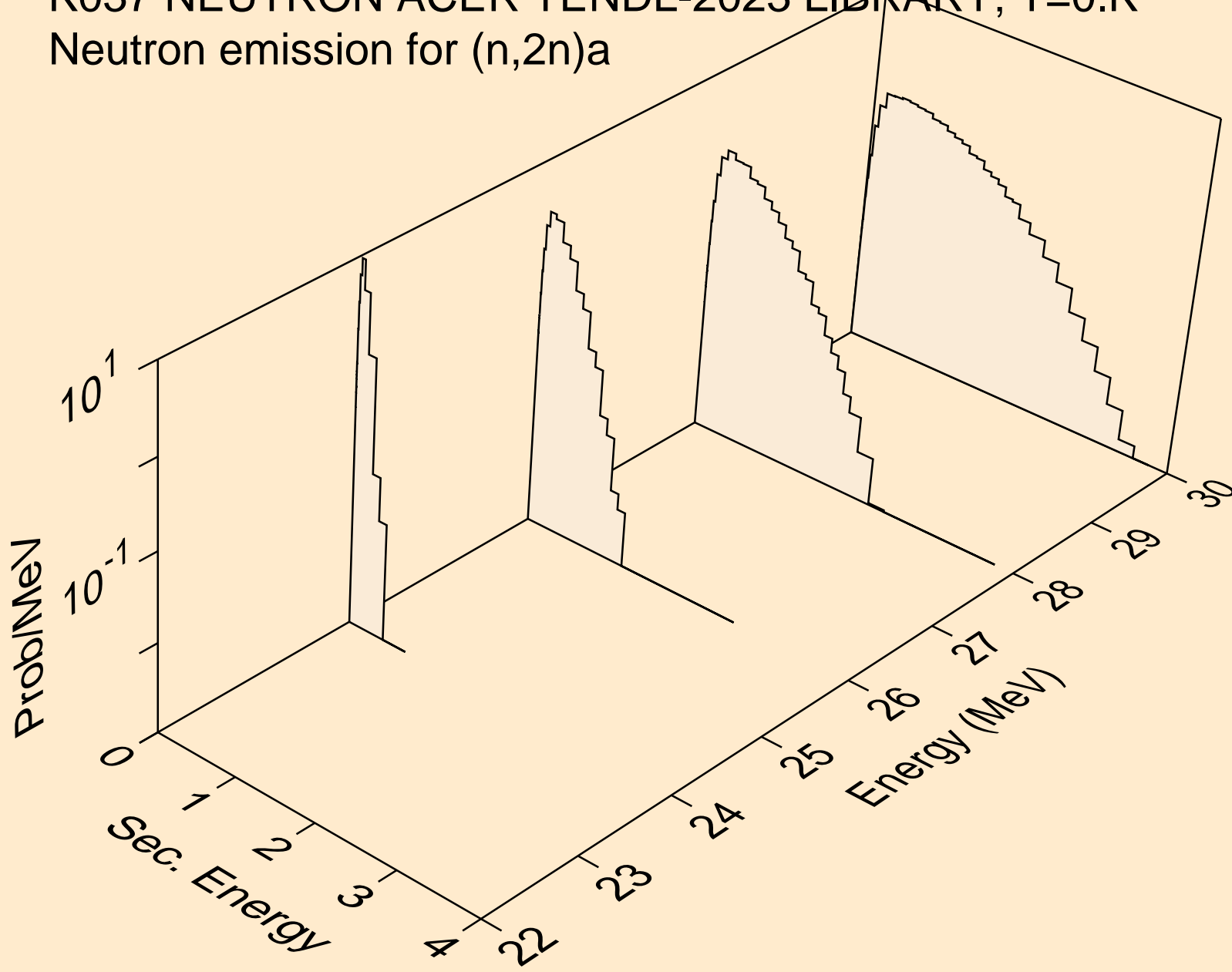


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

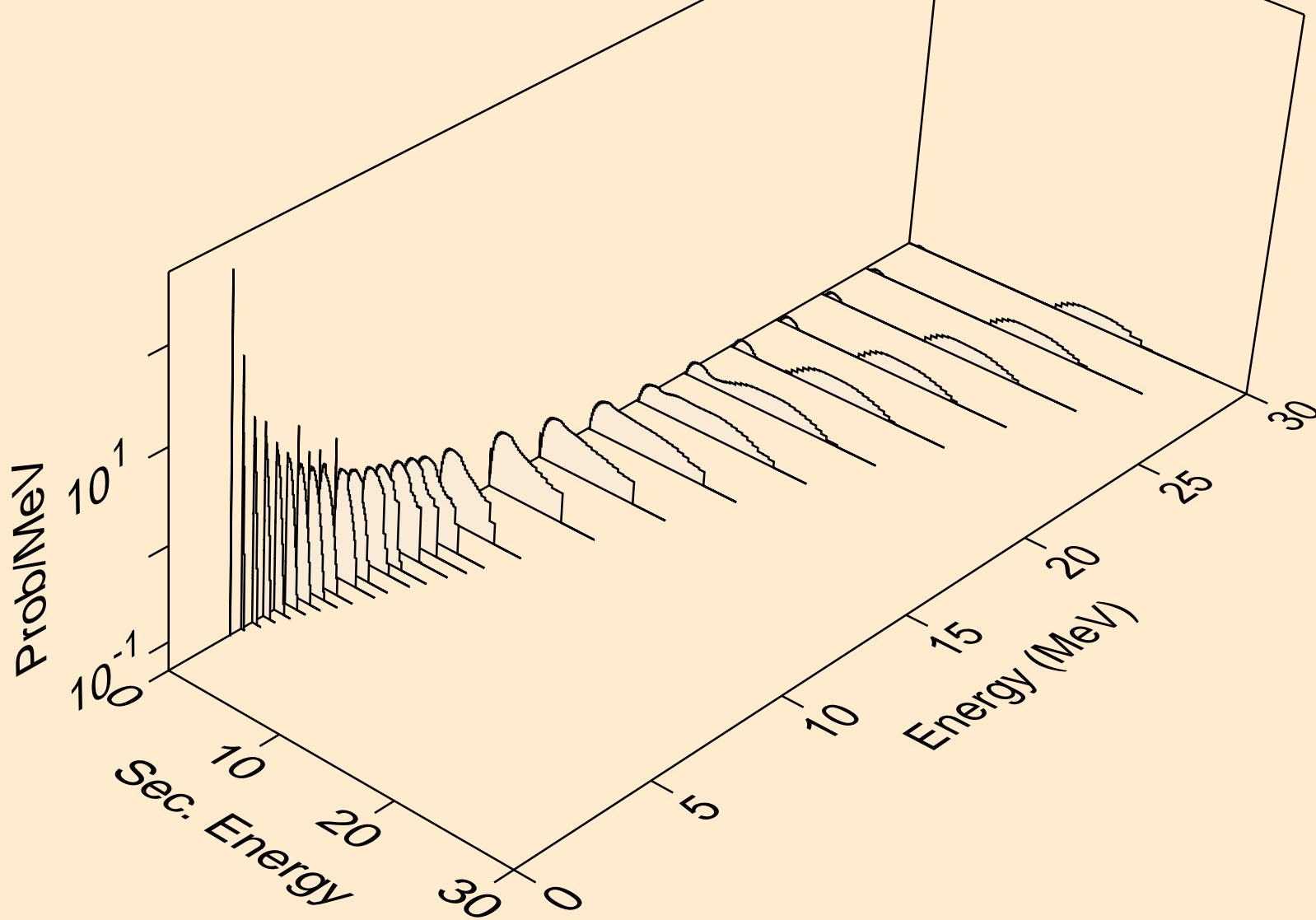




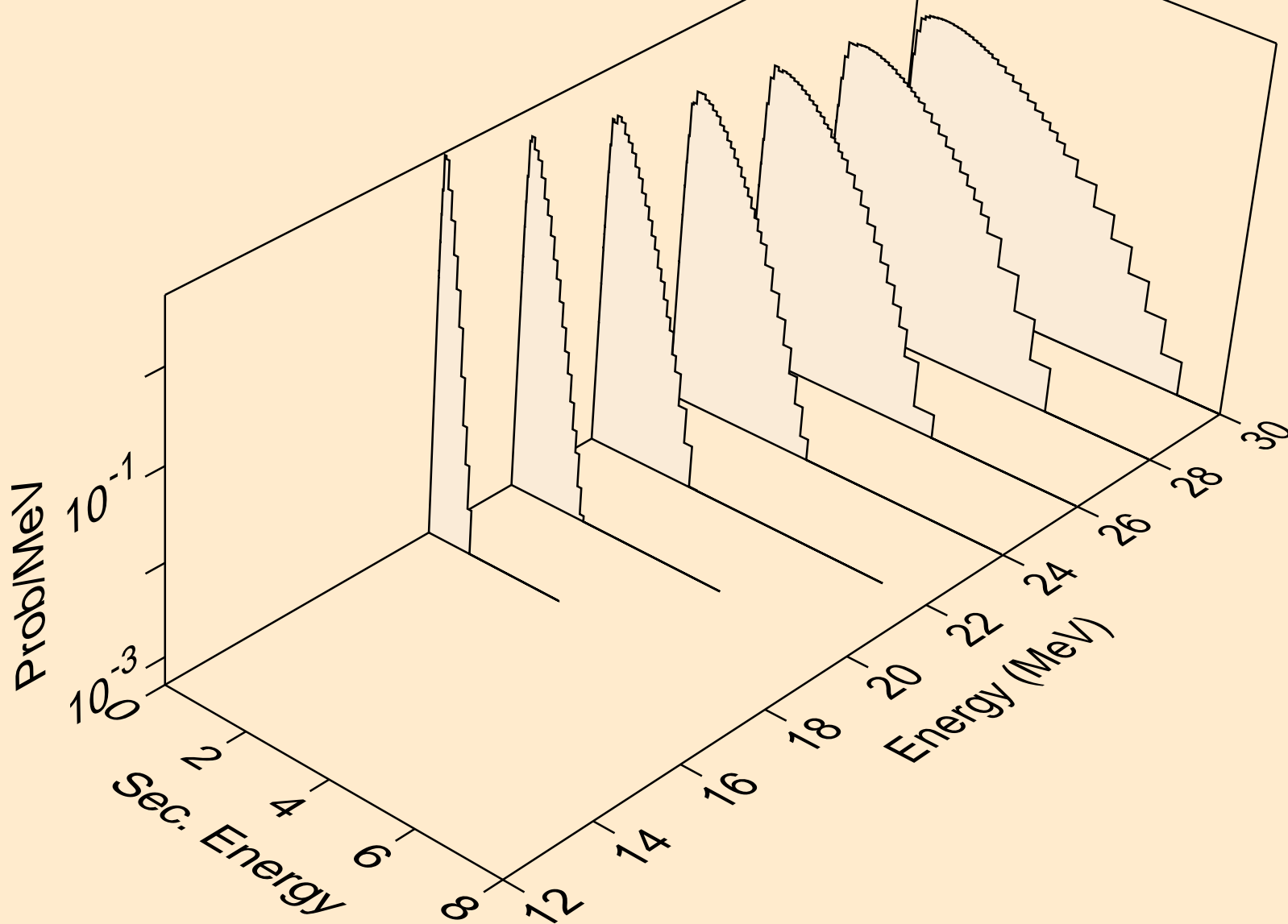
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



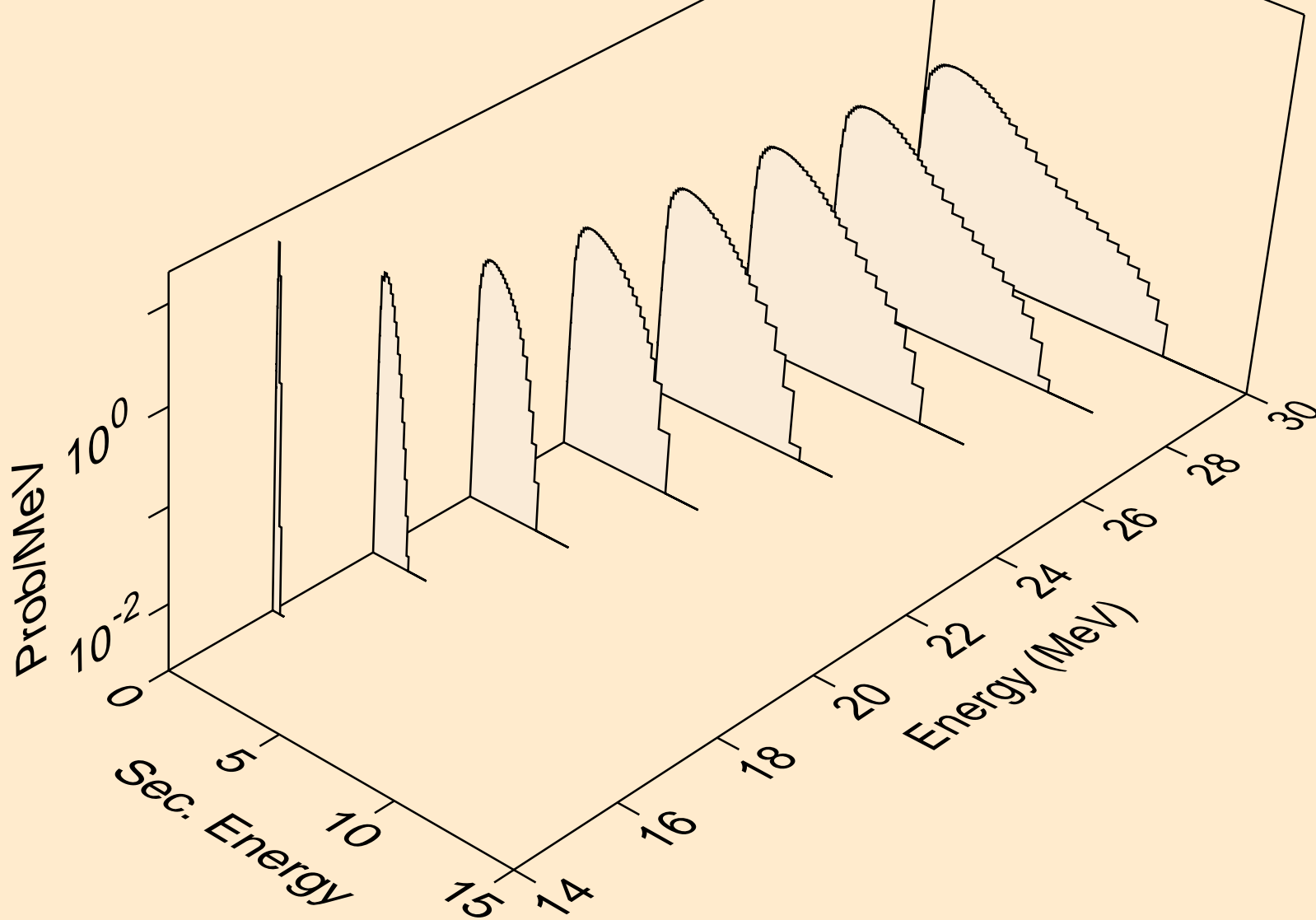
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



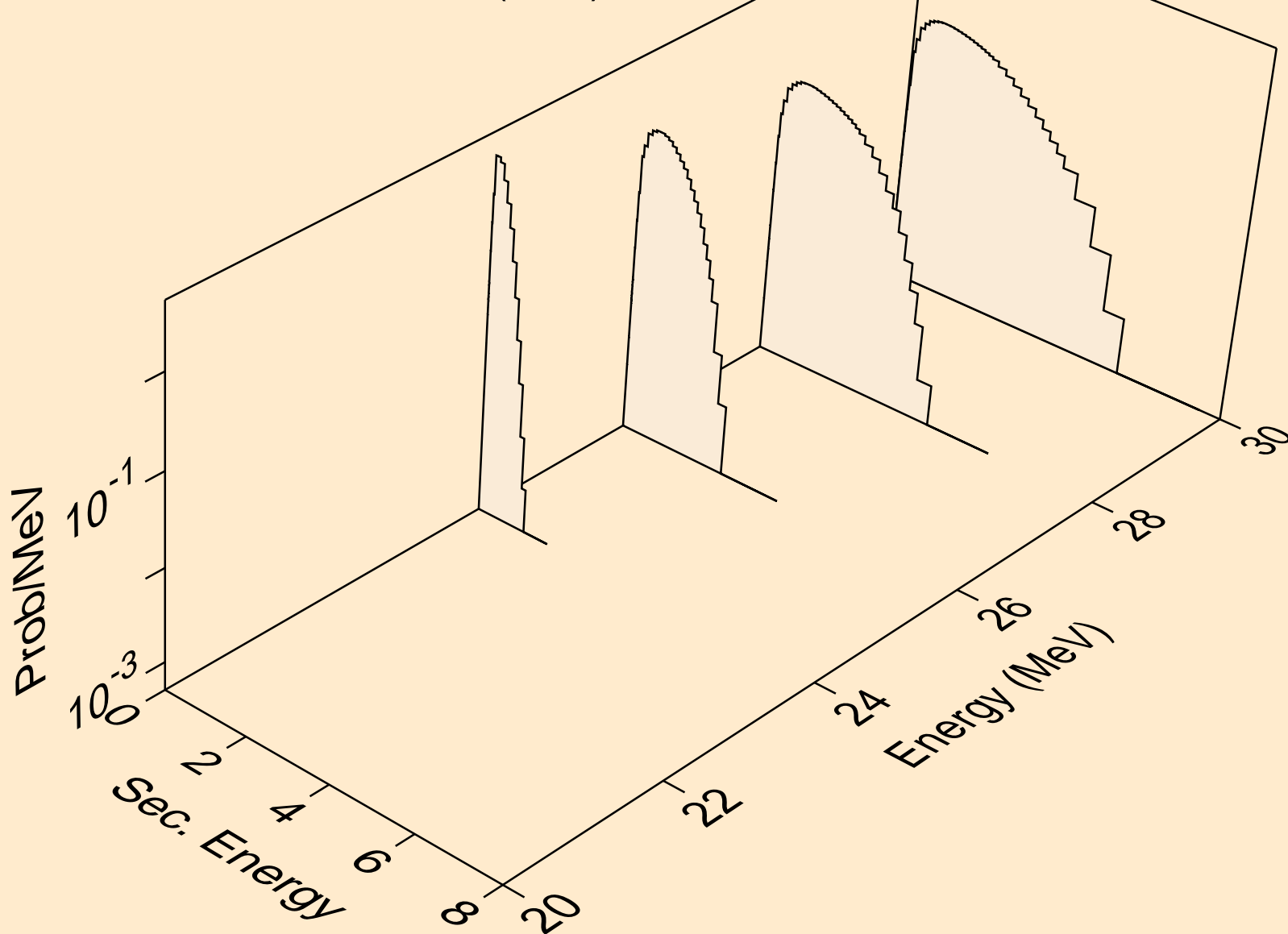
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Neutron emission for (n,n\*)2a



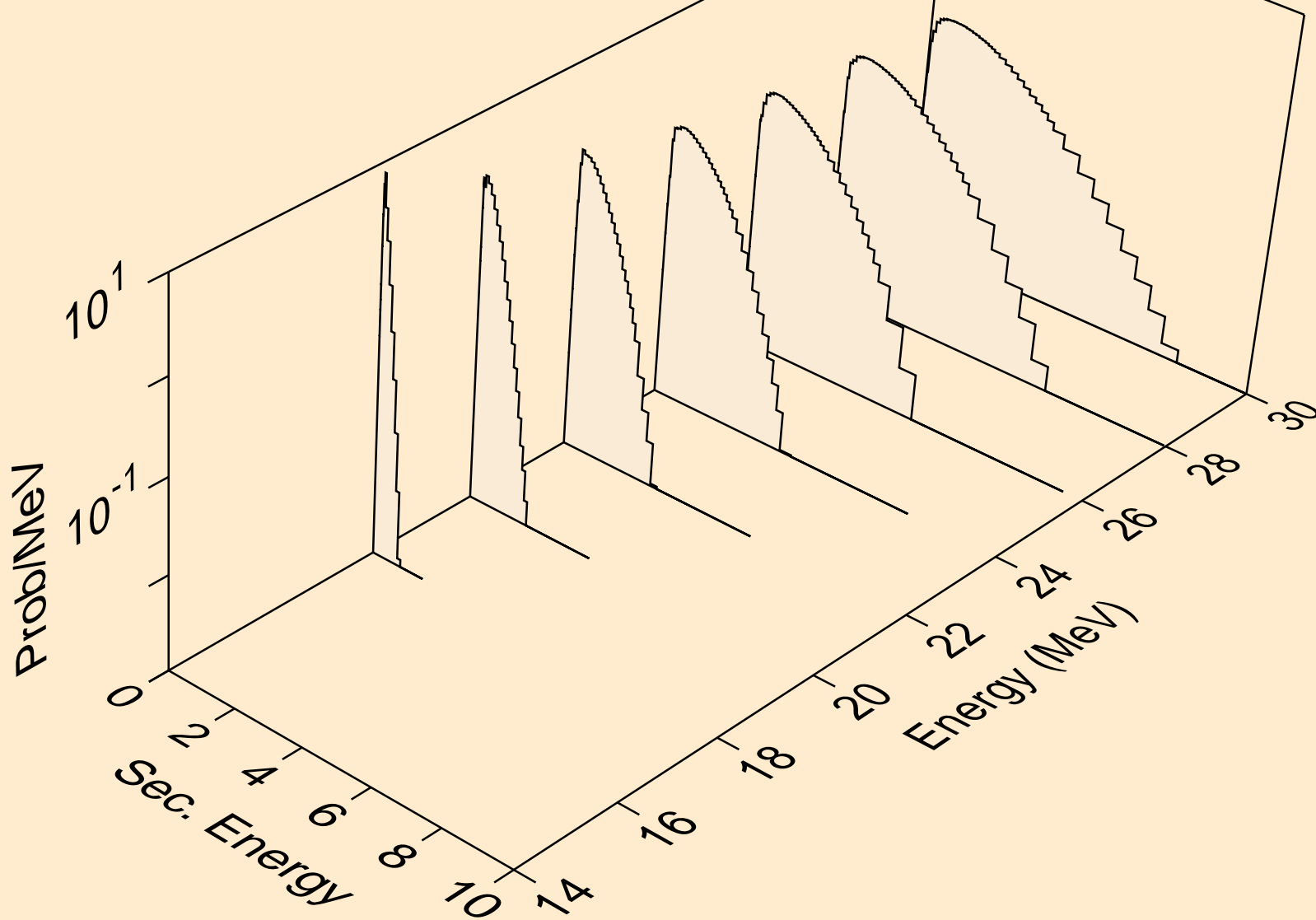
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



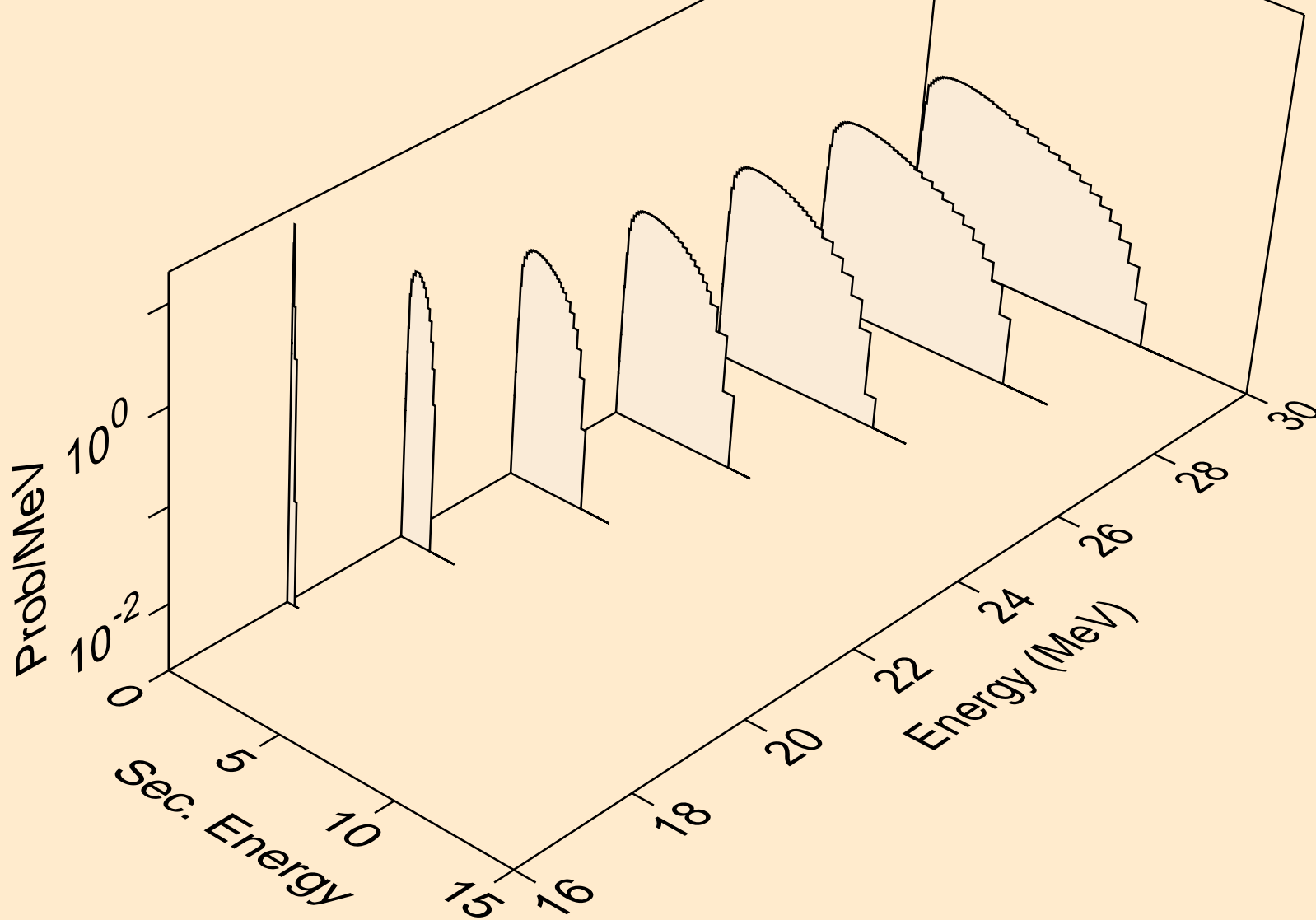
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



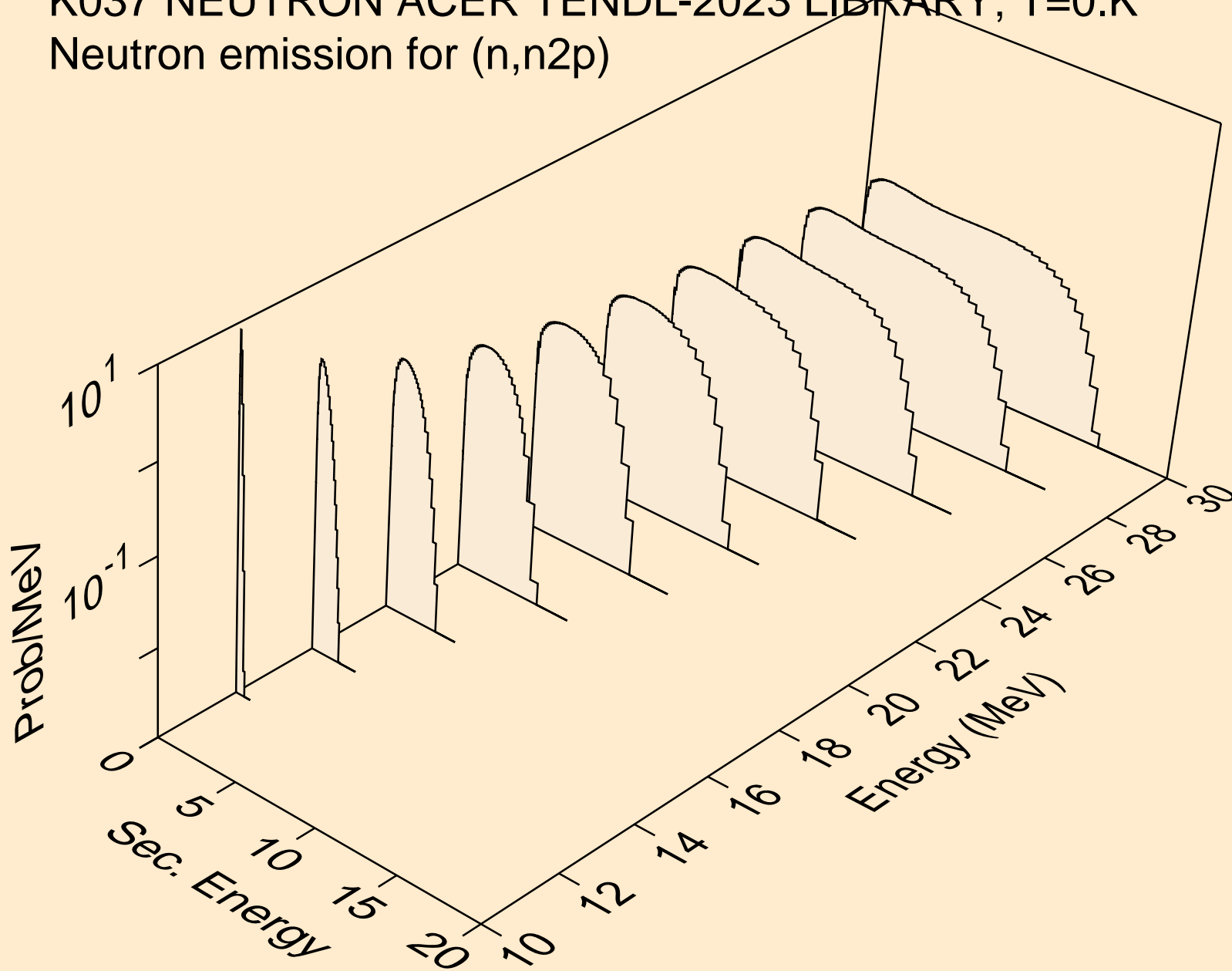
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

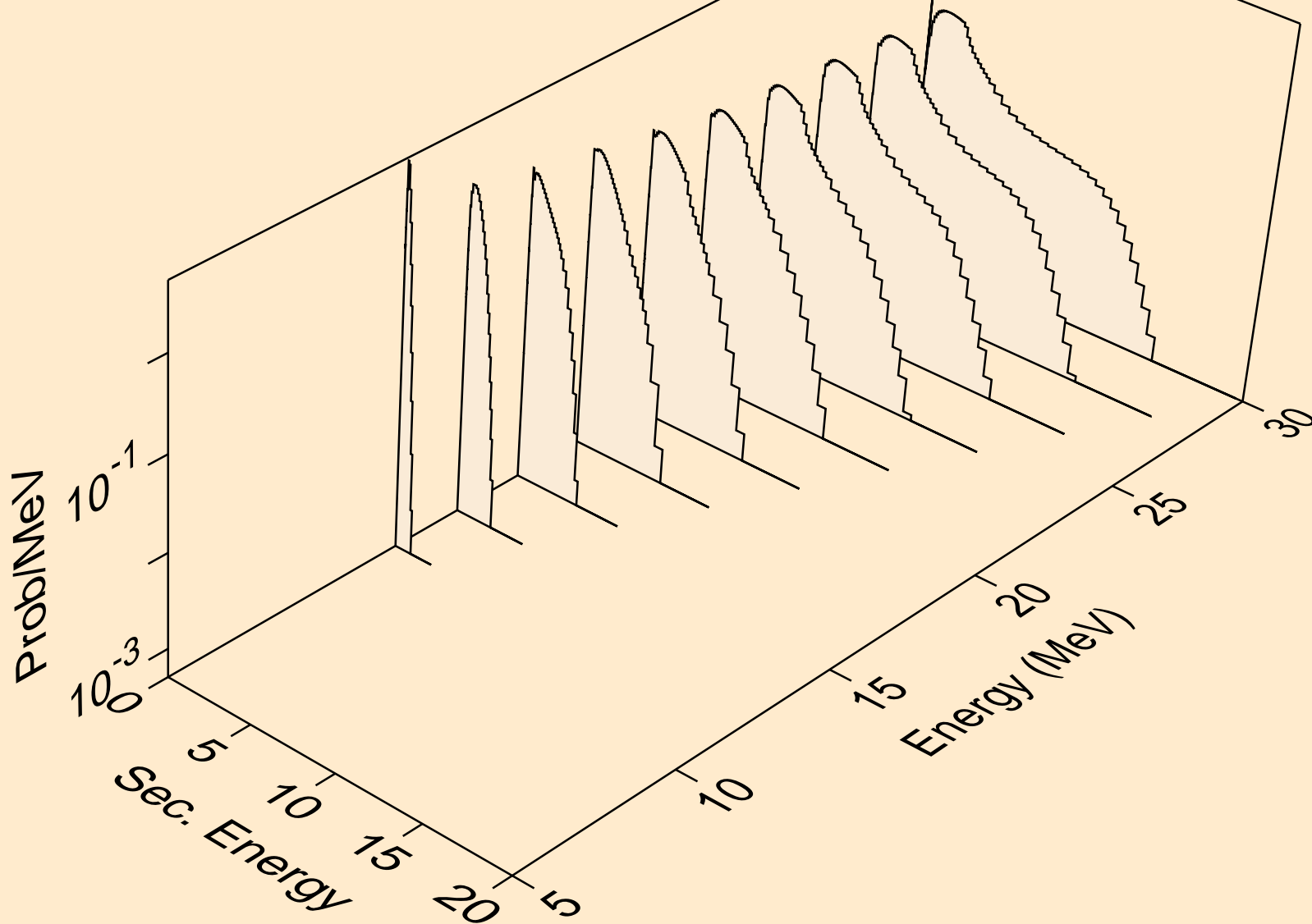


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

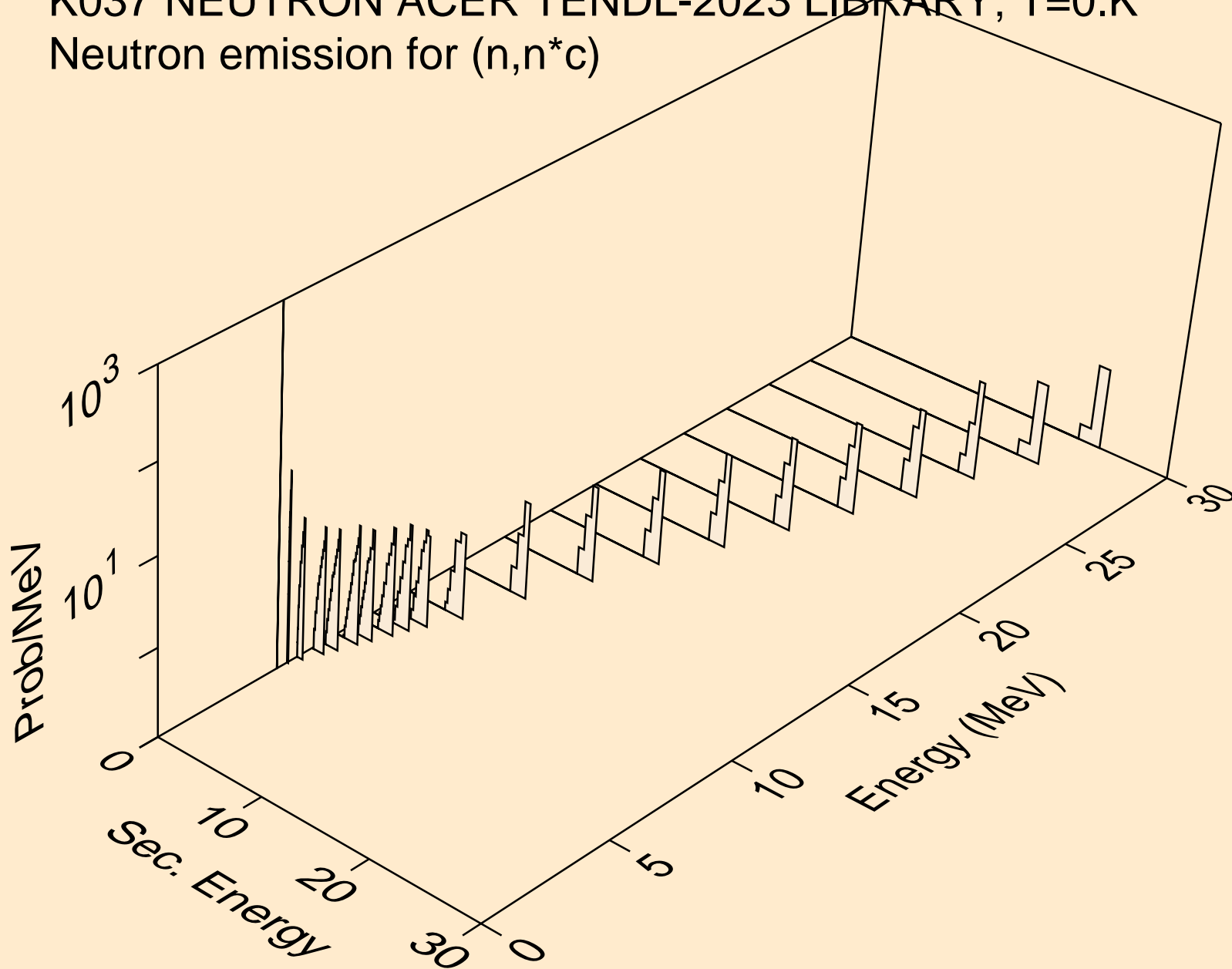




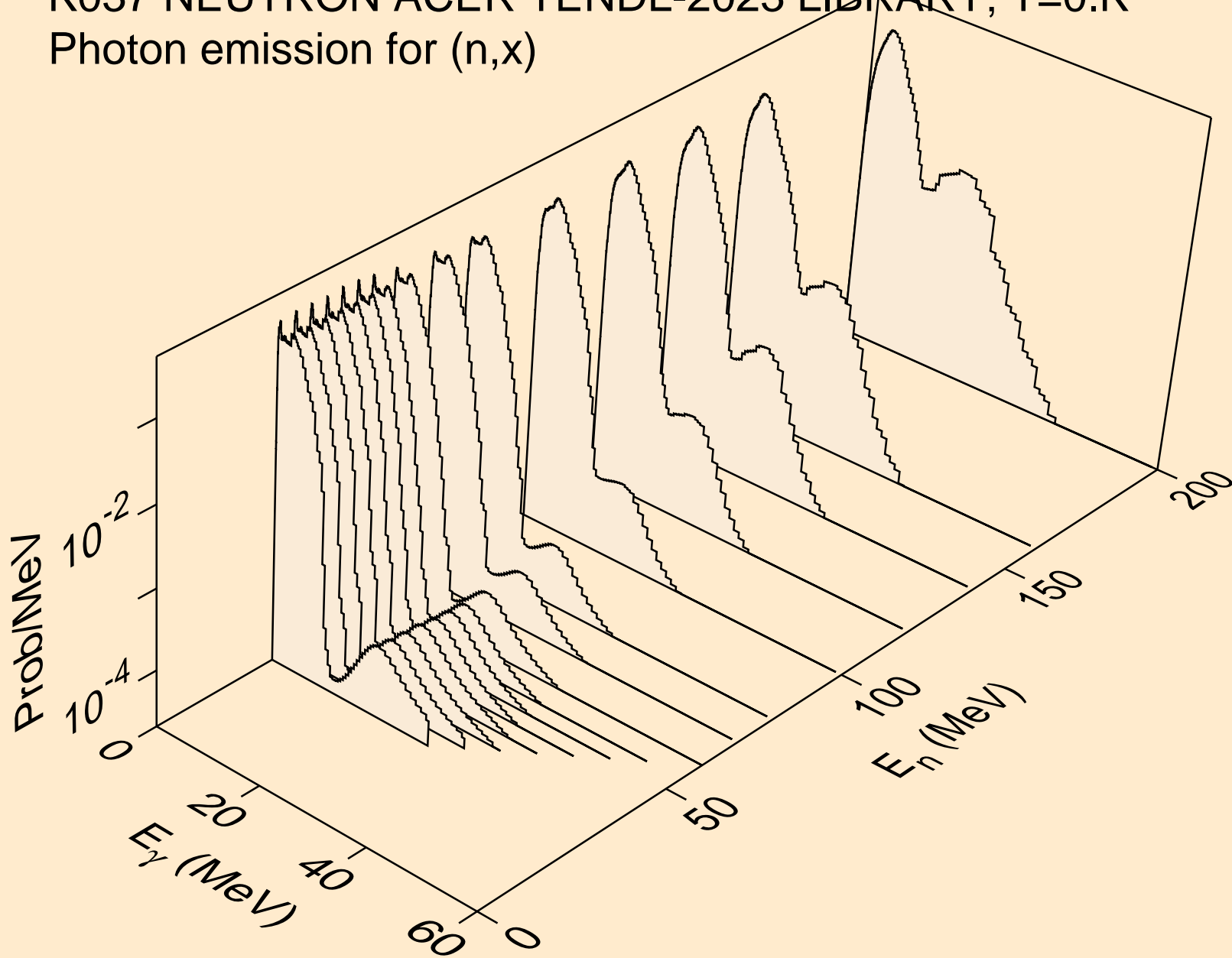
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



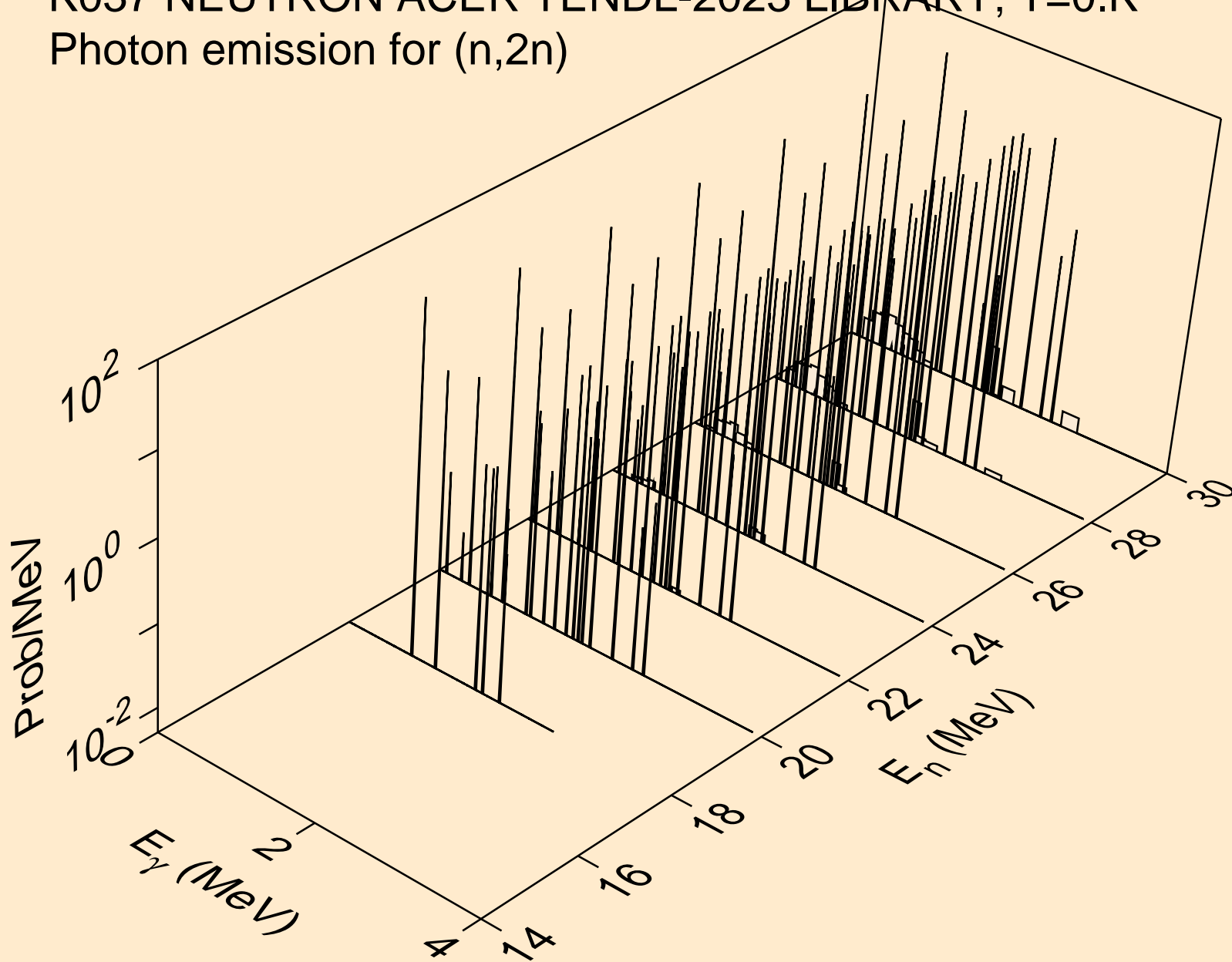
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Neutron emission for (n,n\*c)



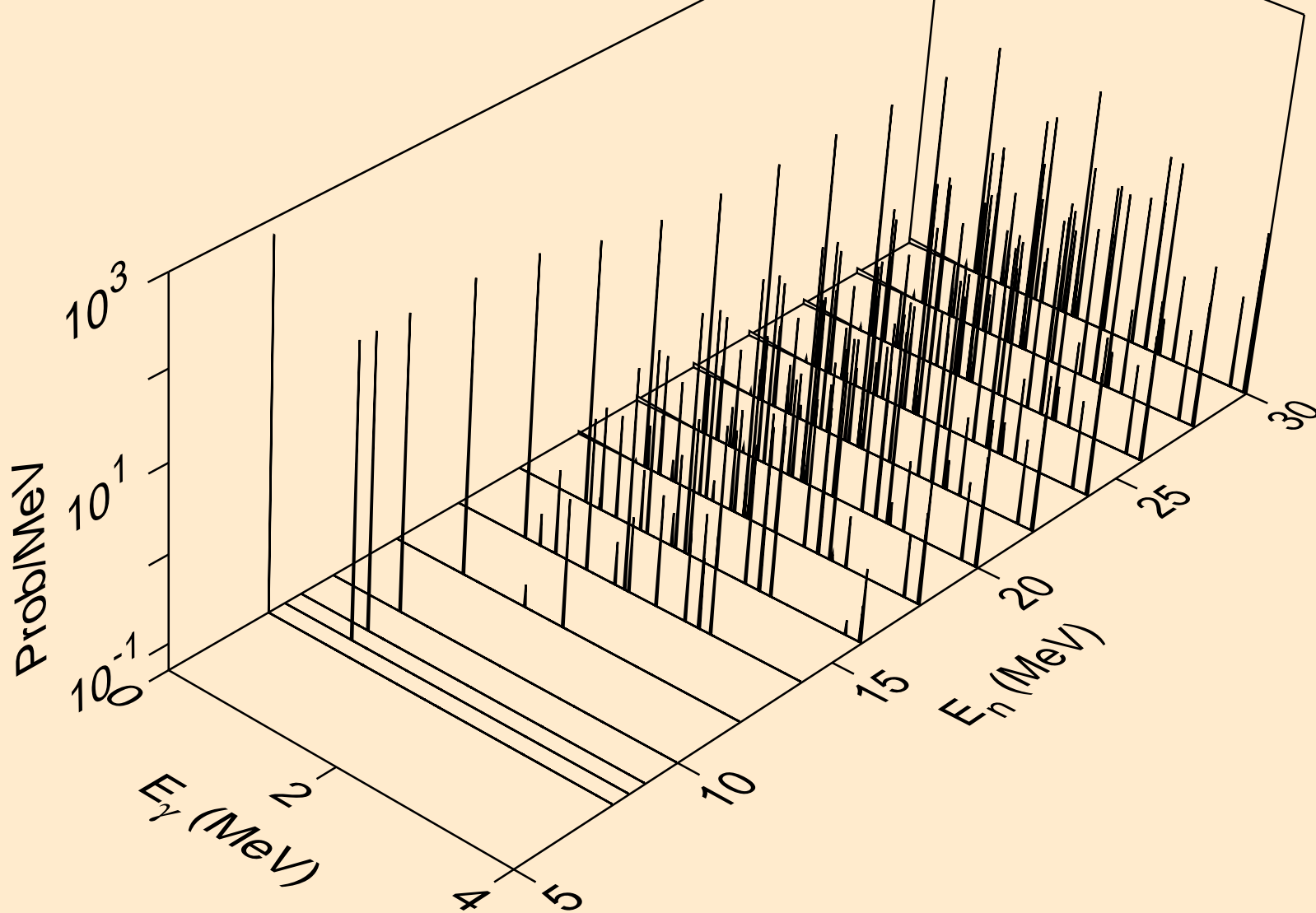
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



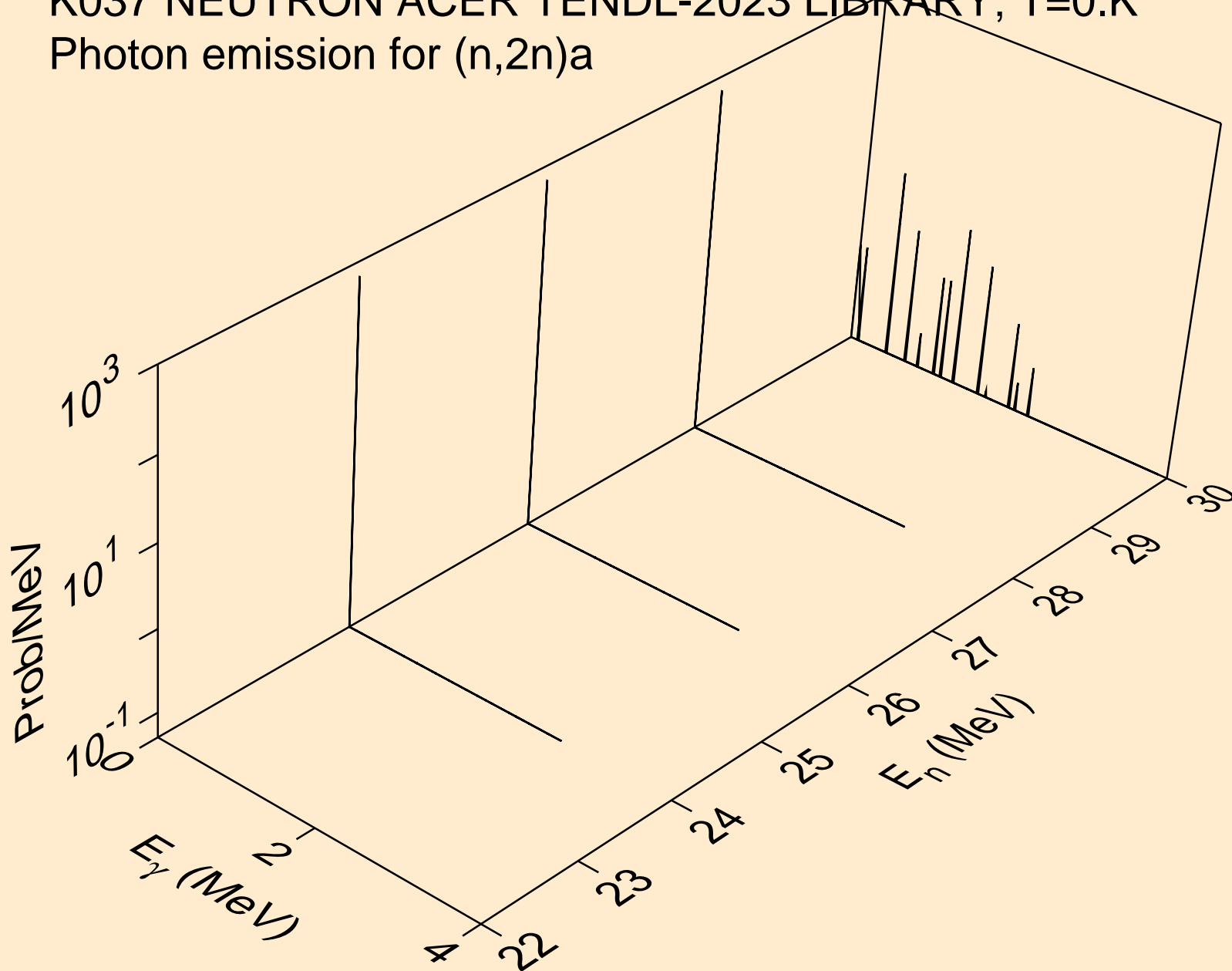
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



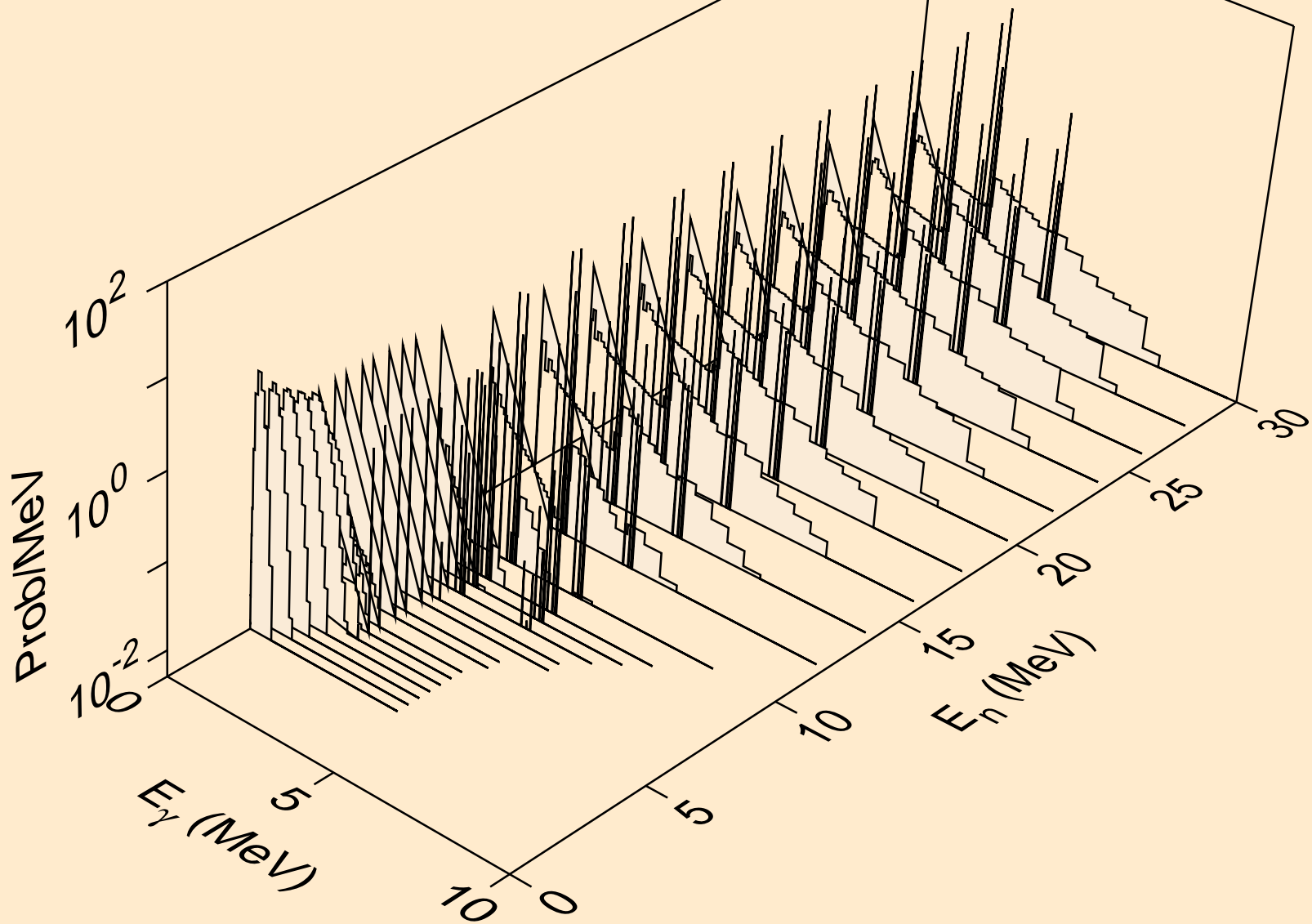
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



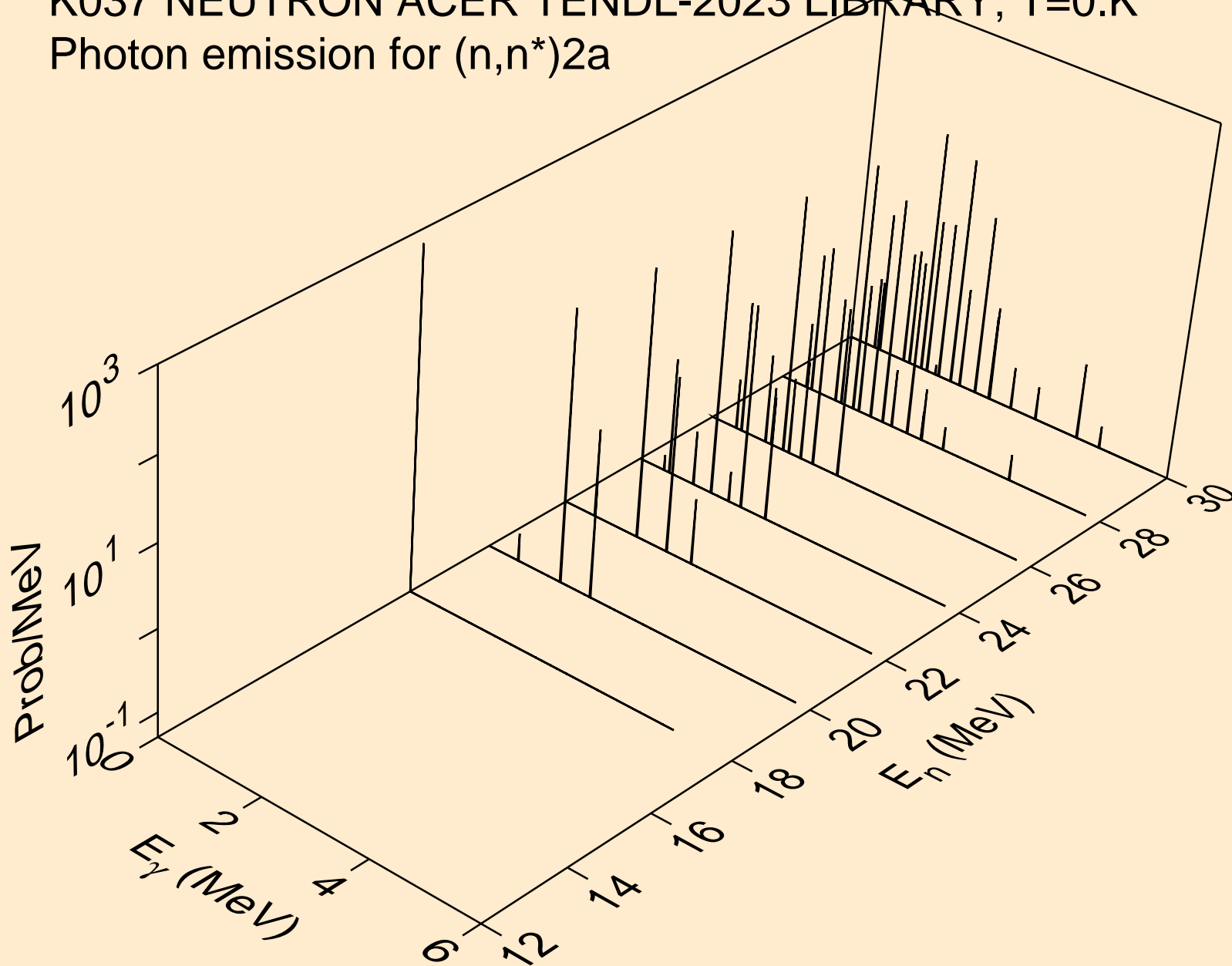
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

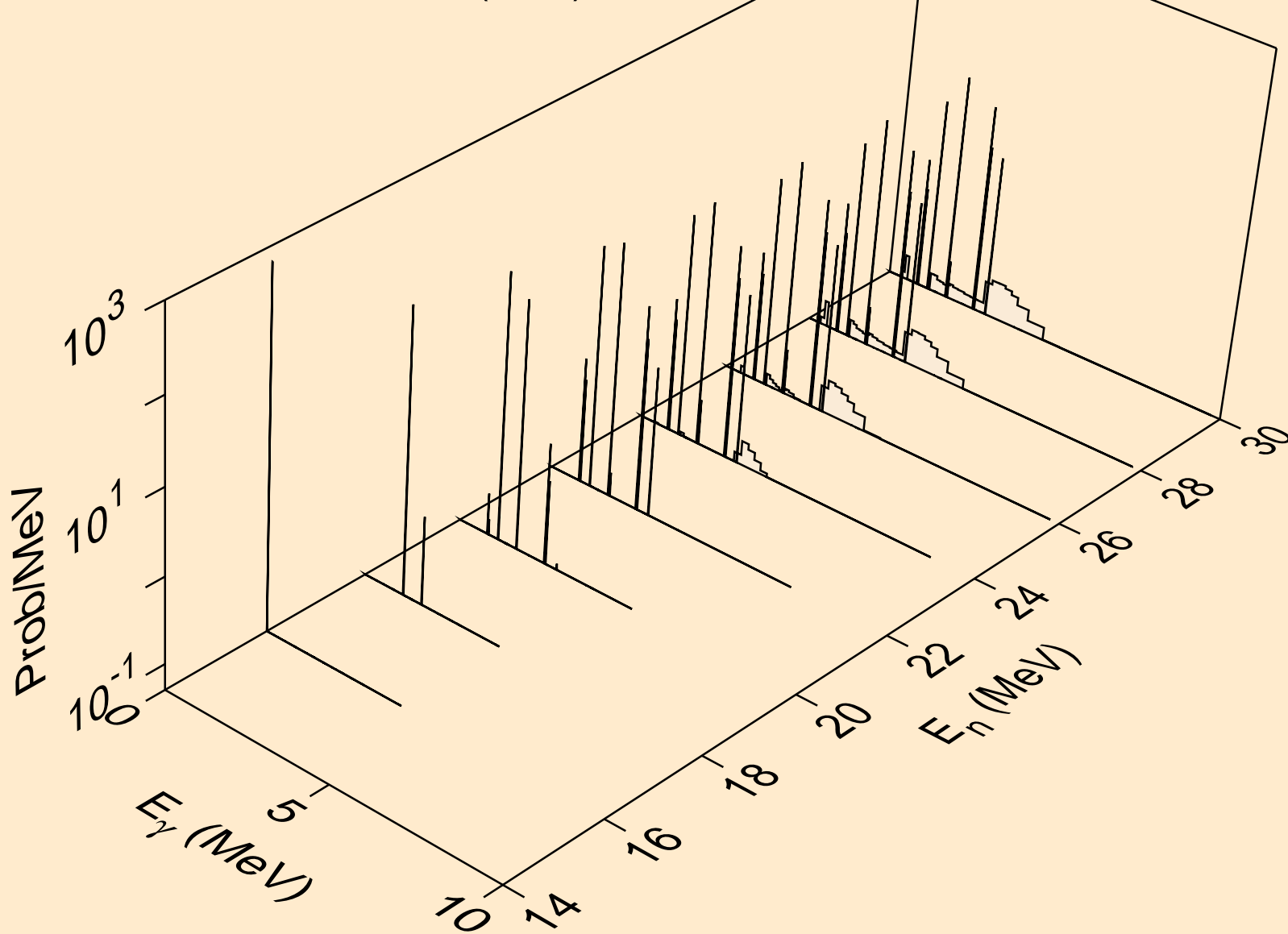


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

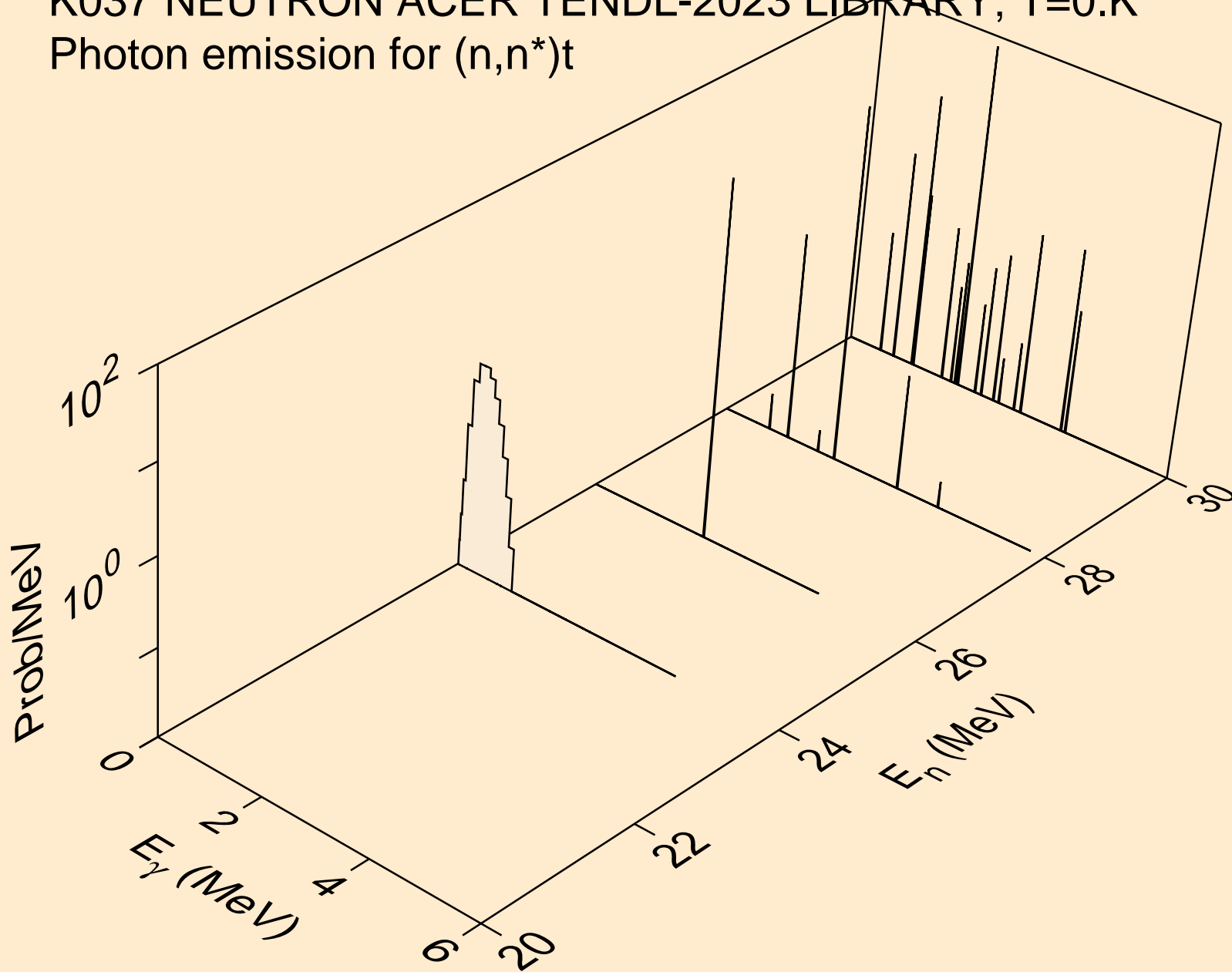




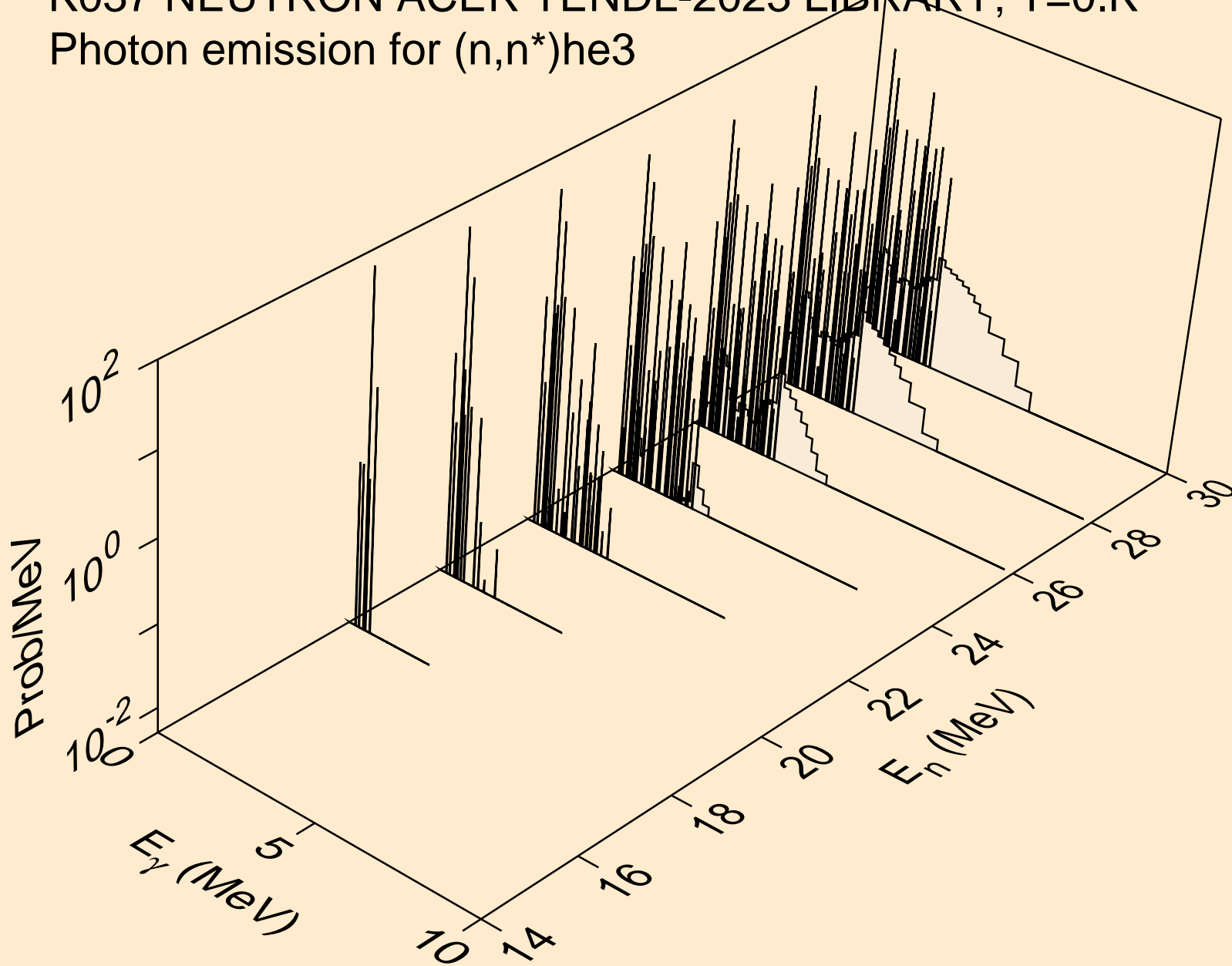
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



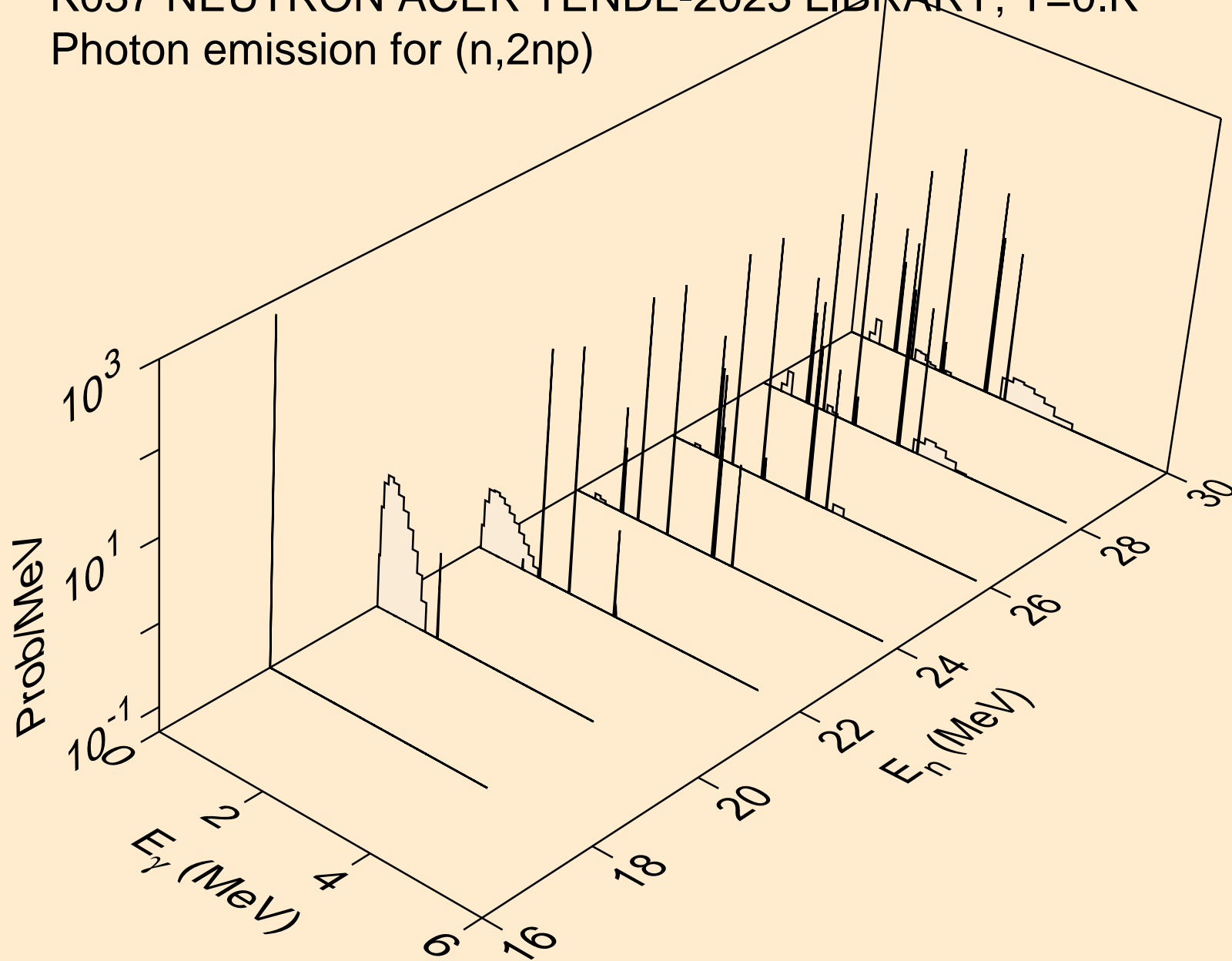
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



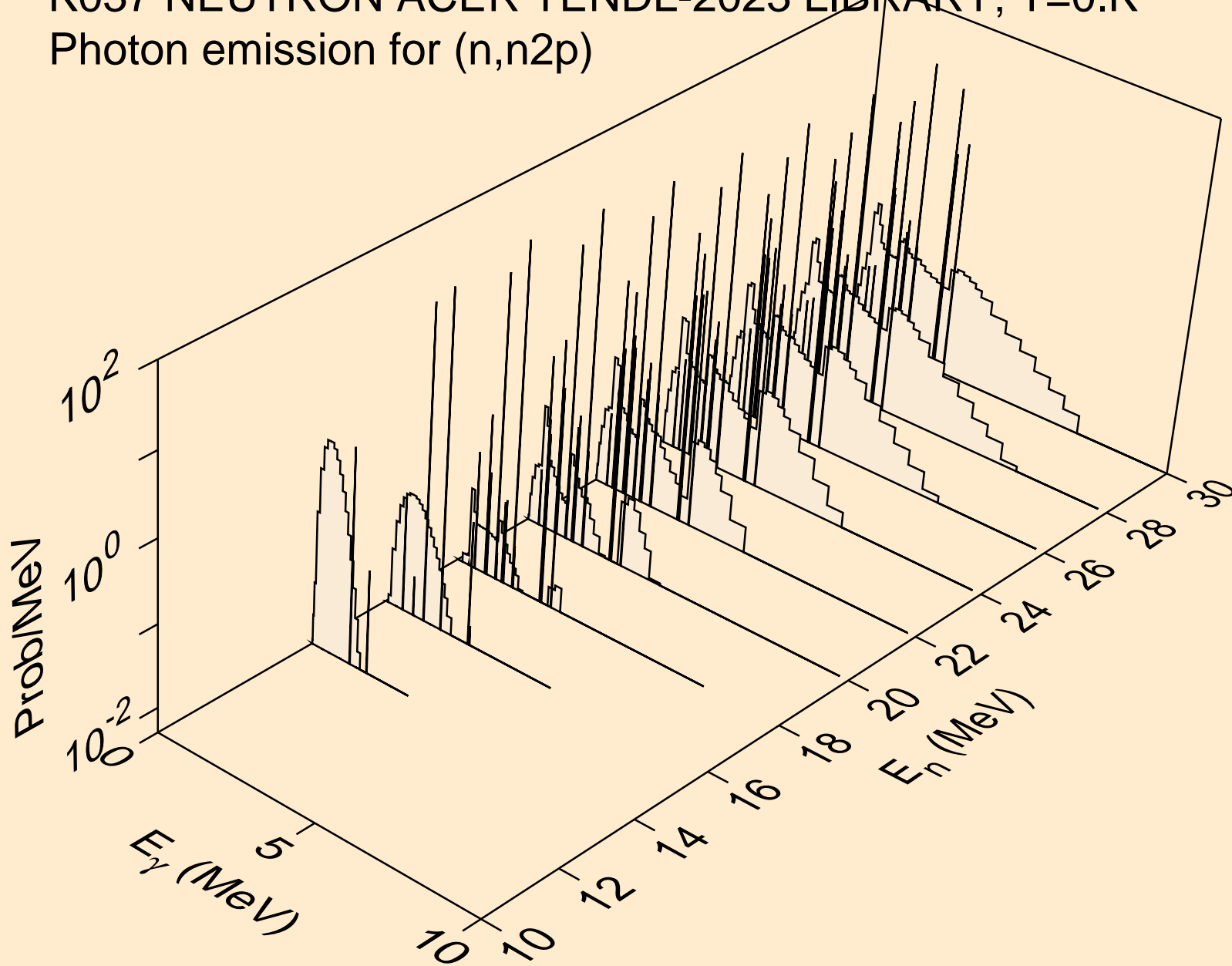
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



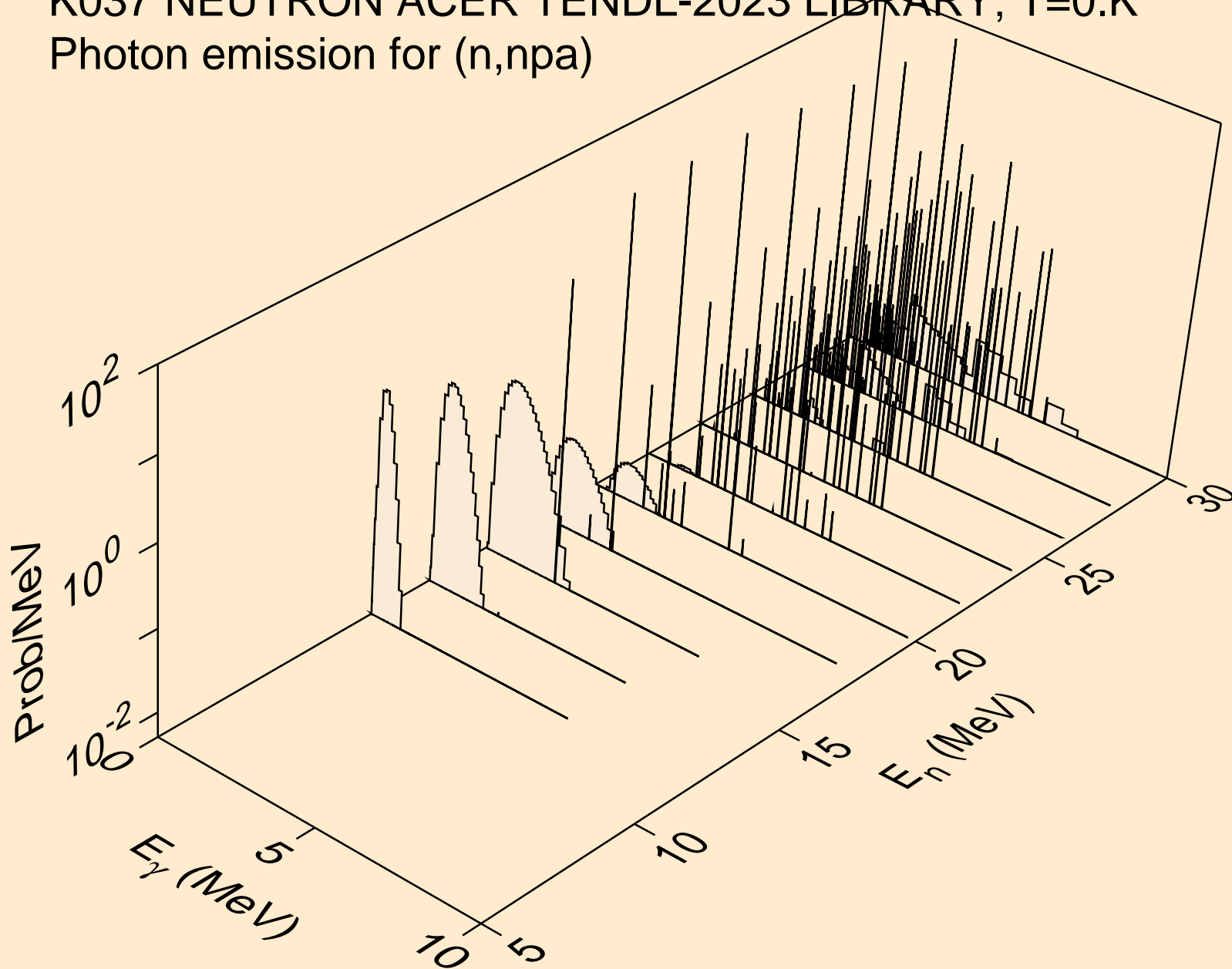
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



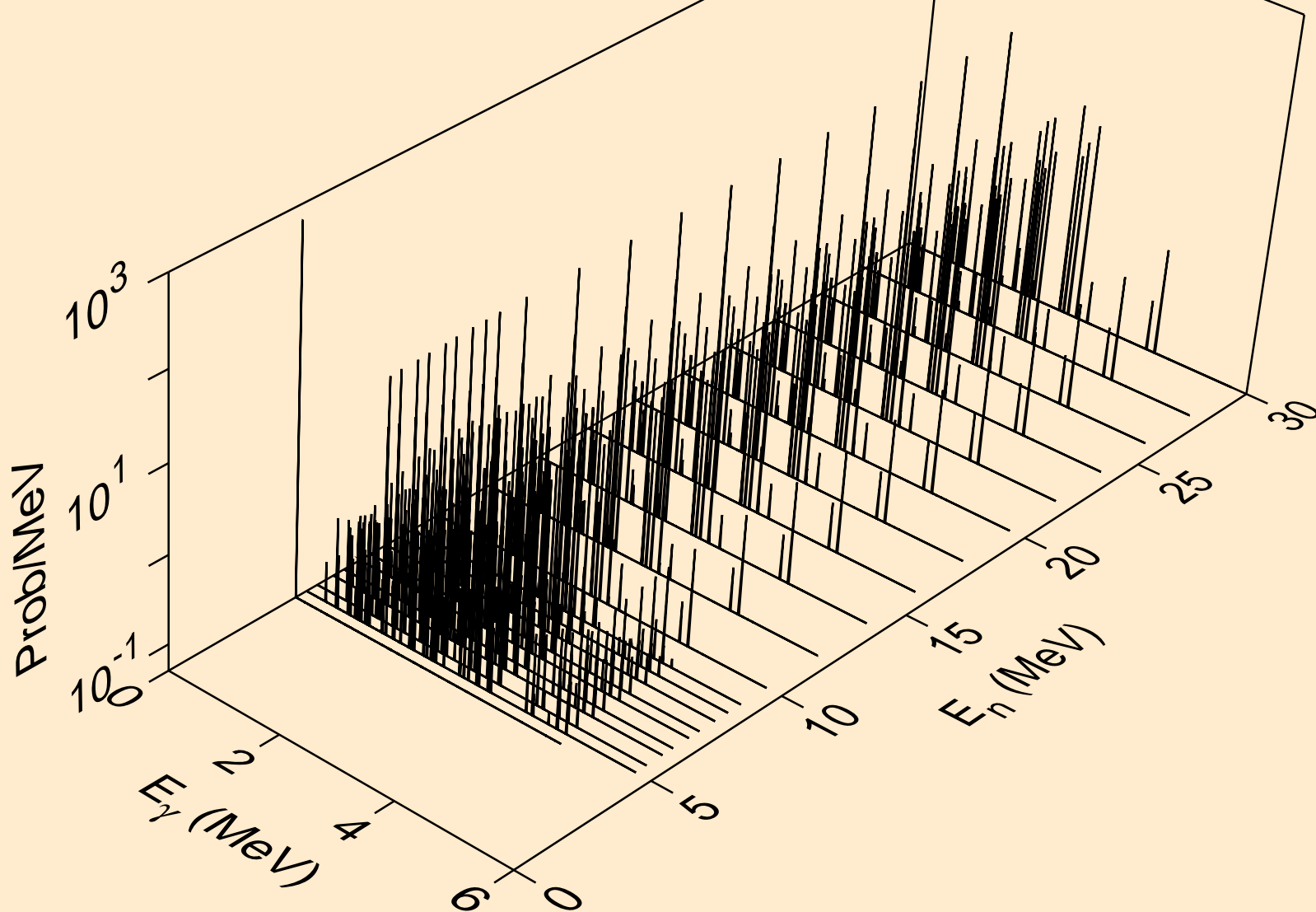
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



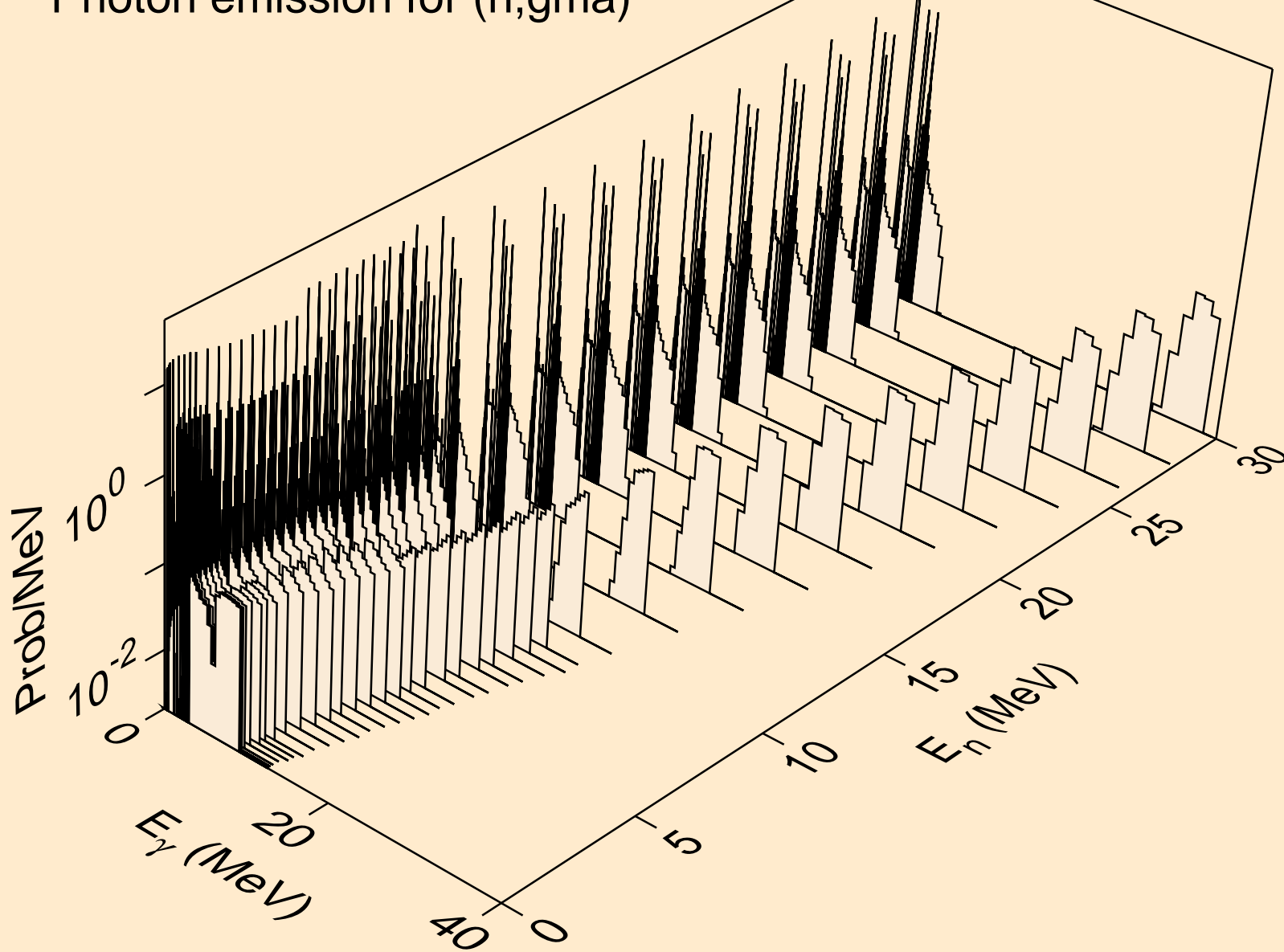
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

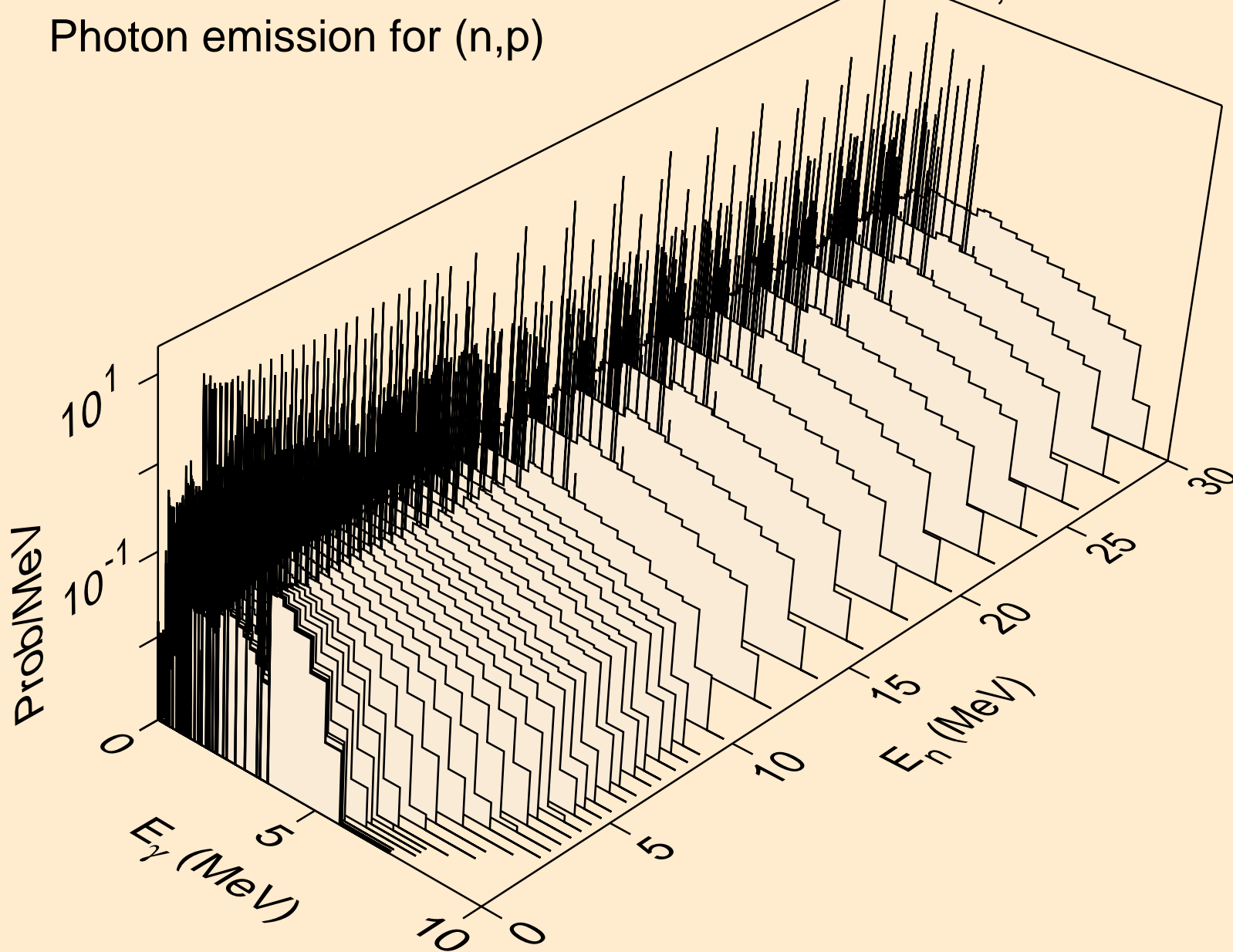


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

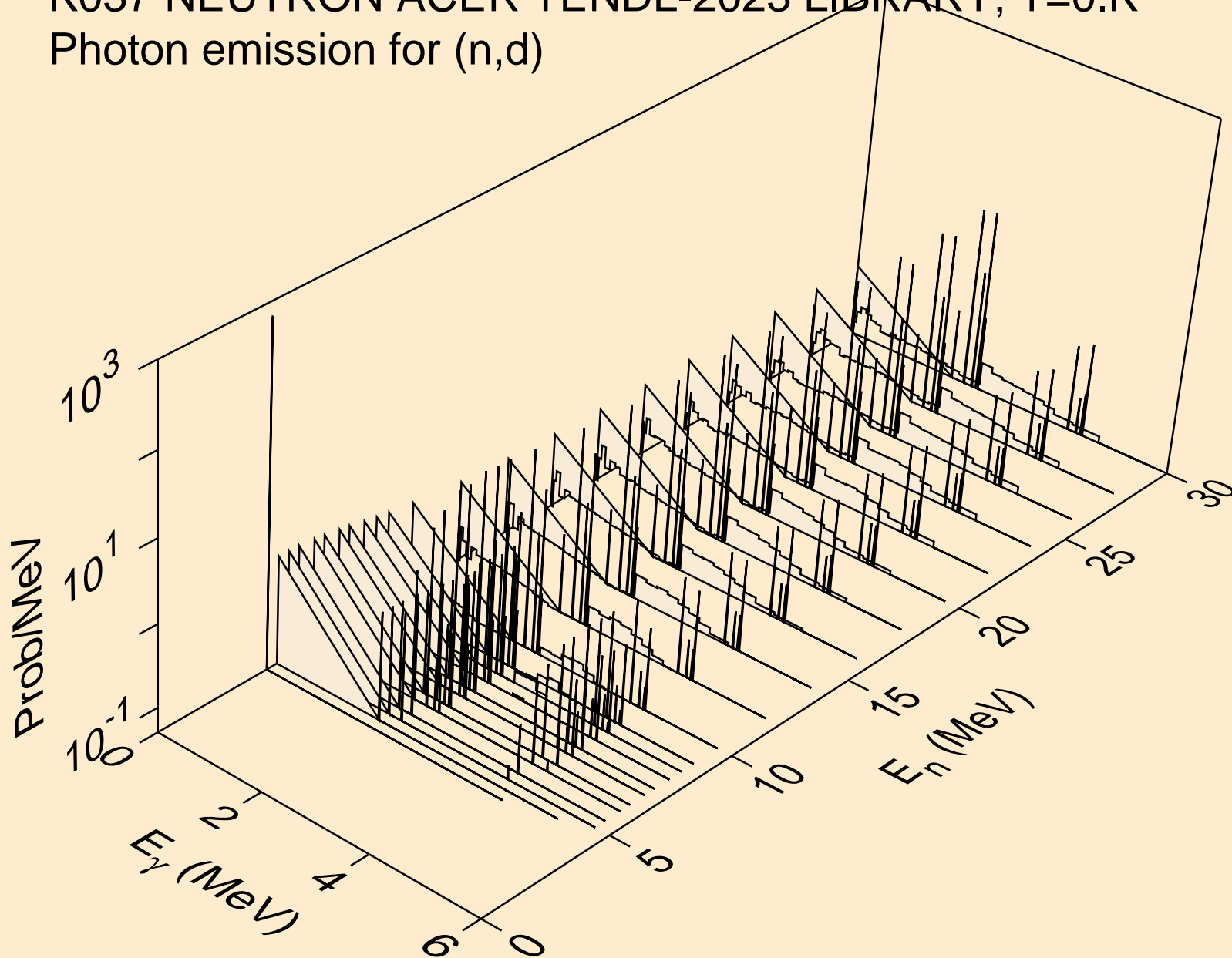




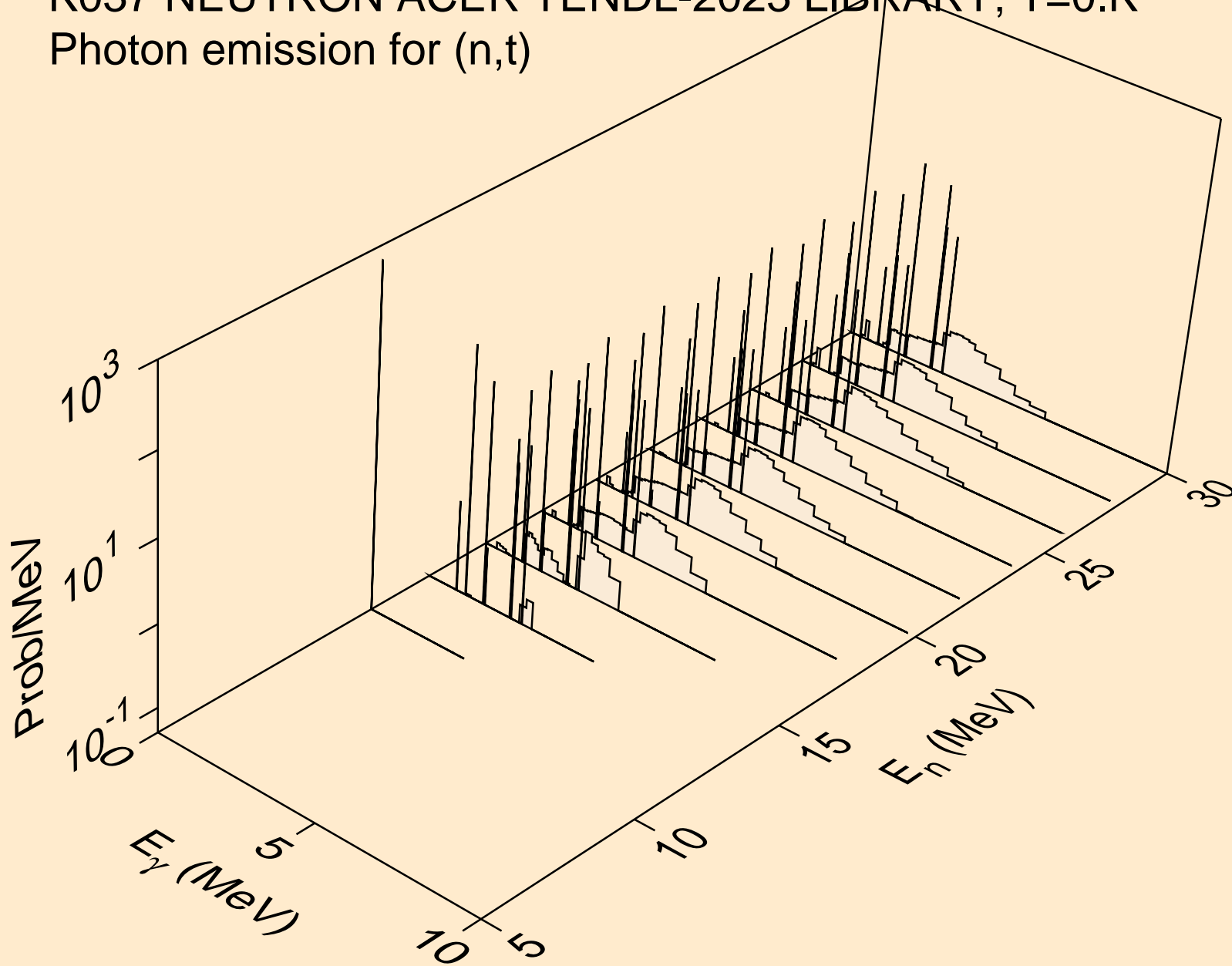
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



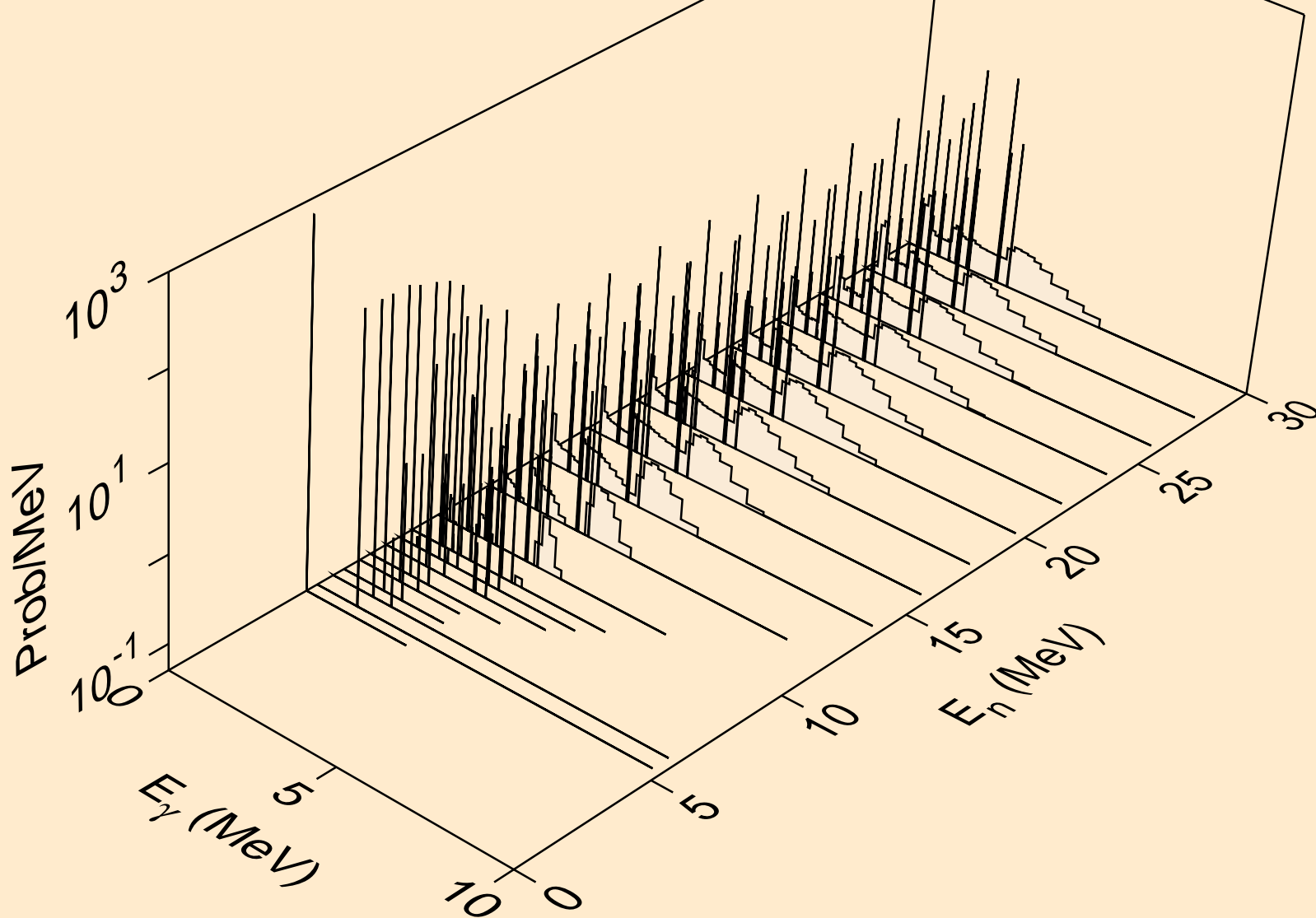
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



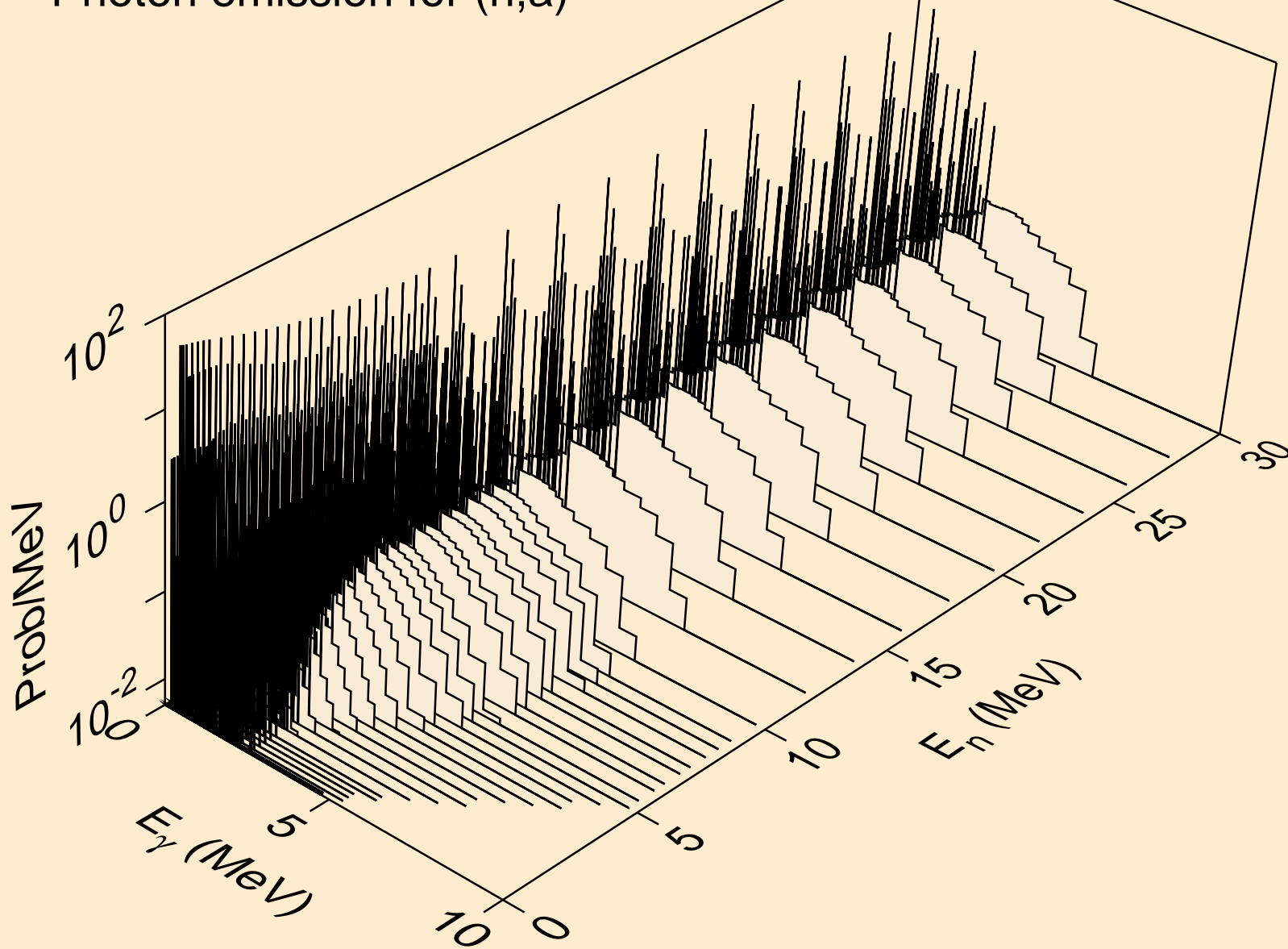
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



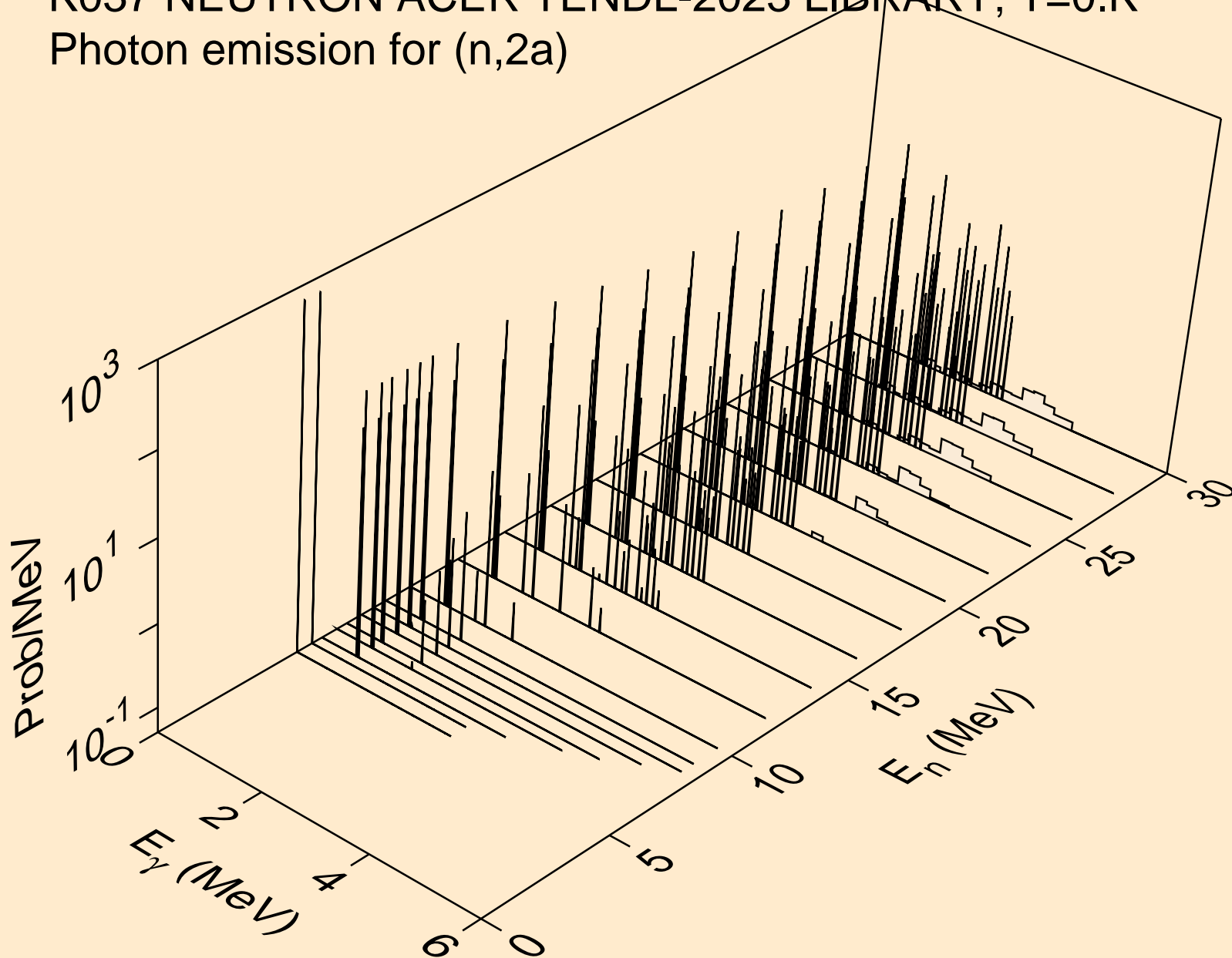
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



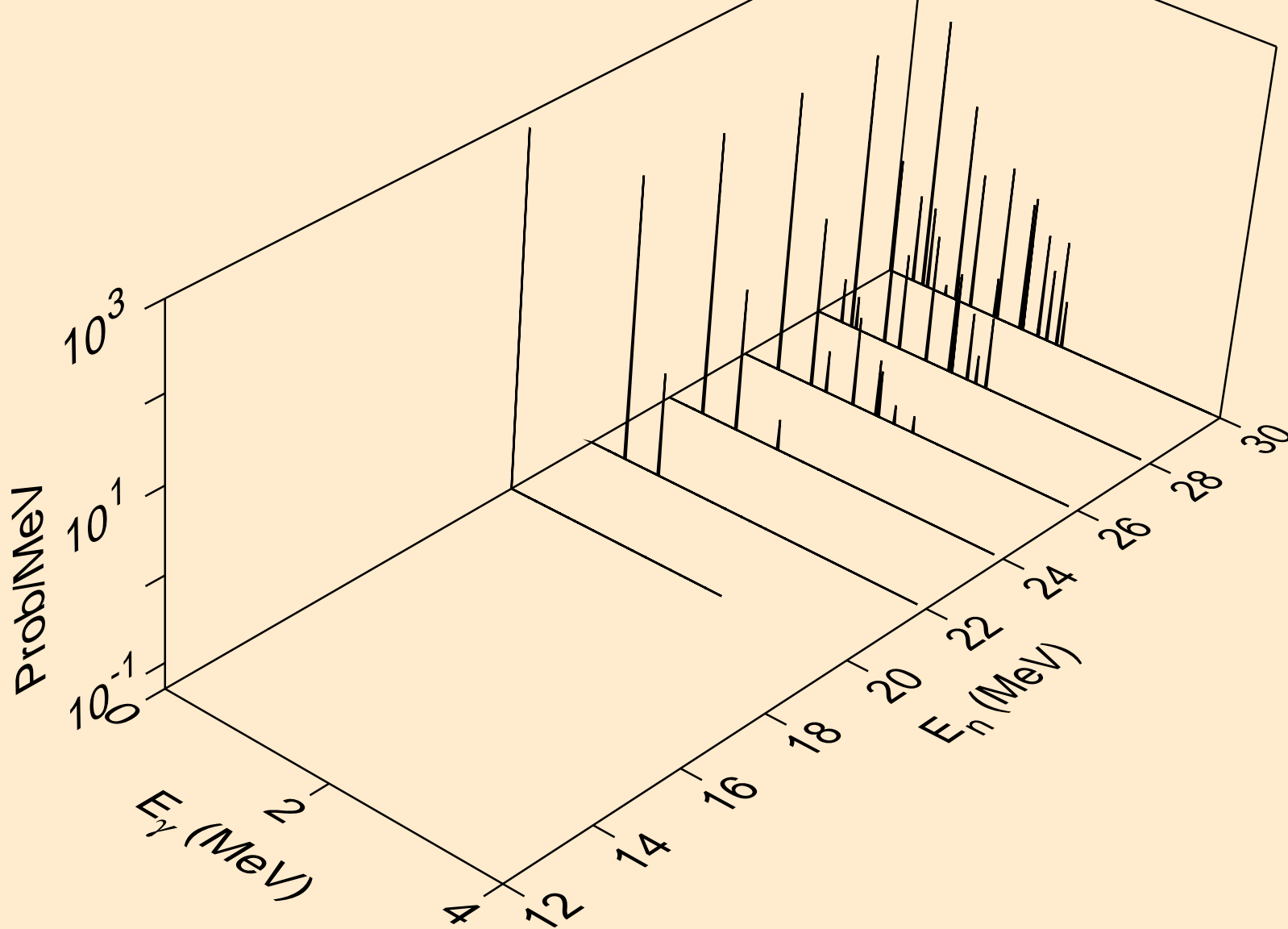
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



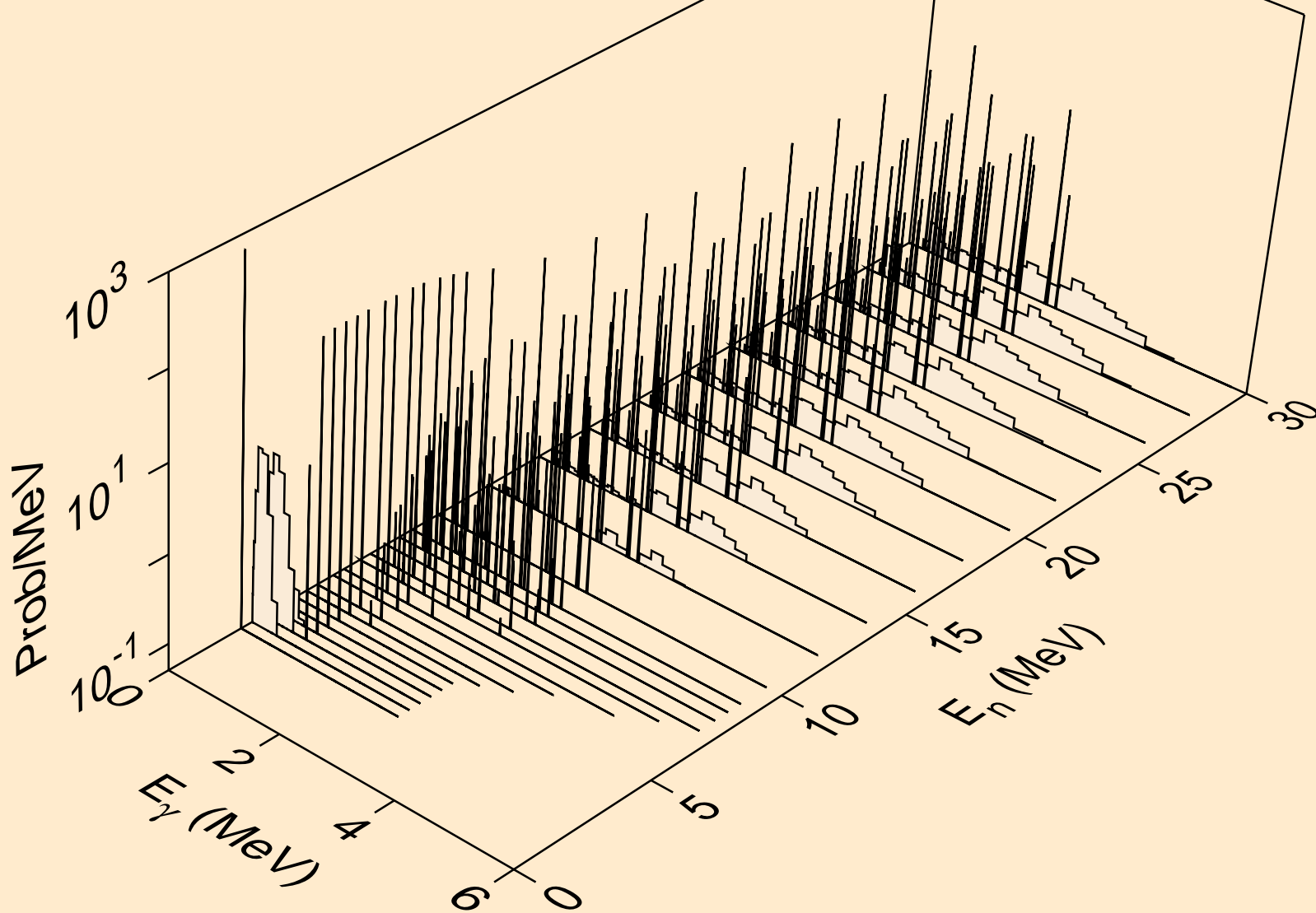
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

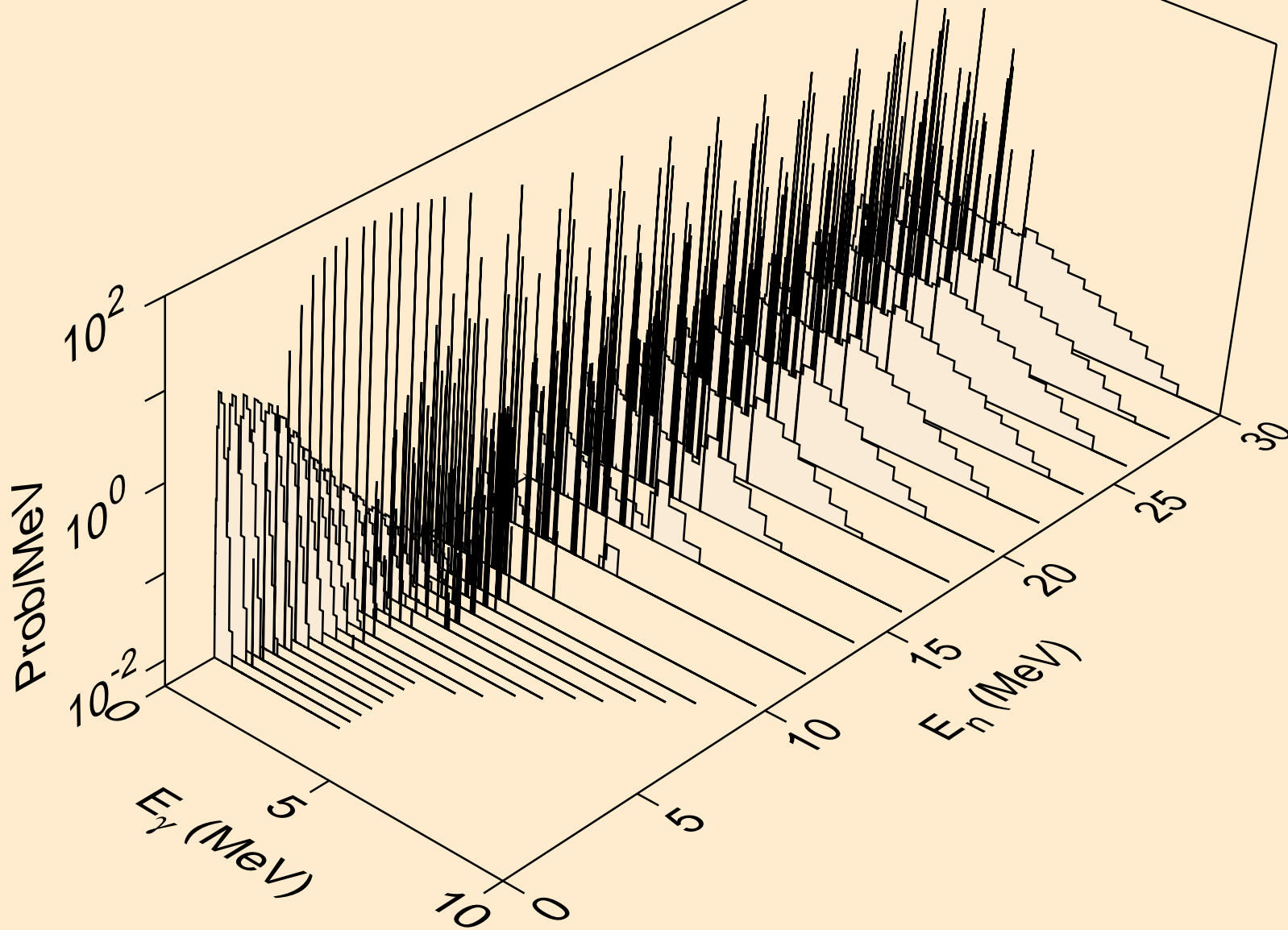


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

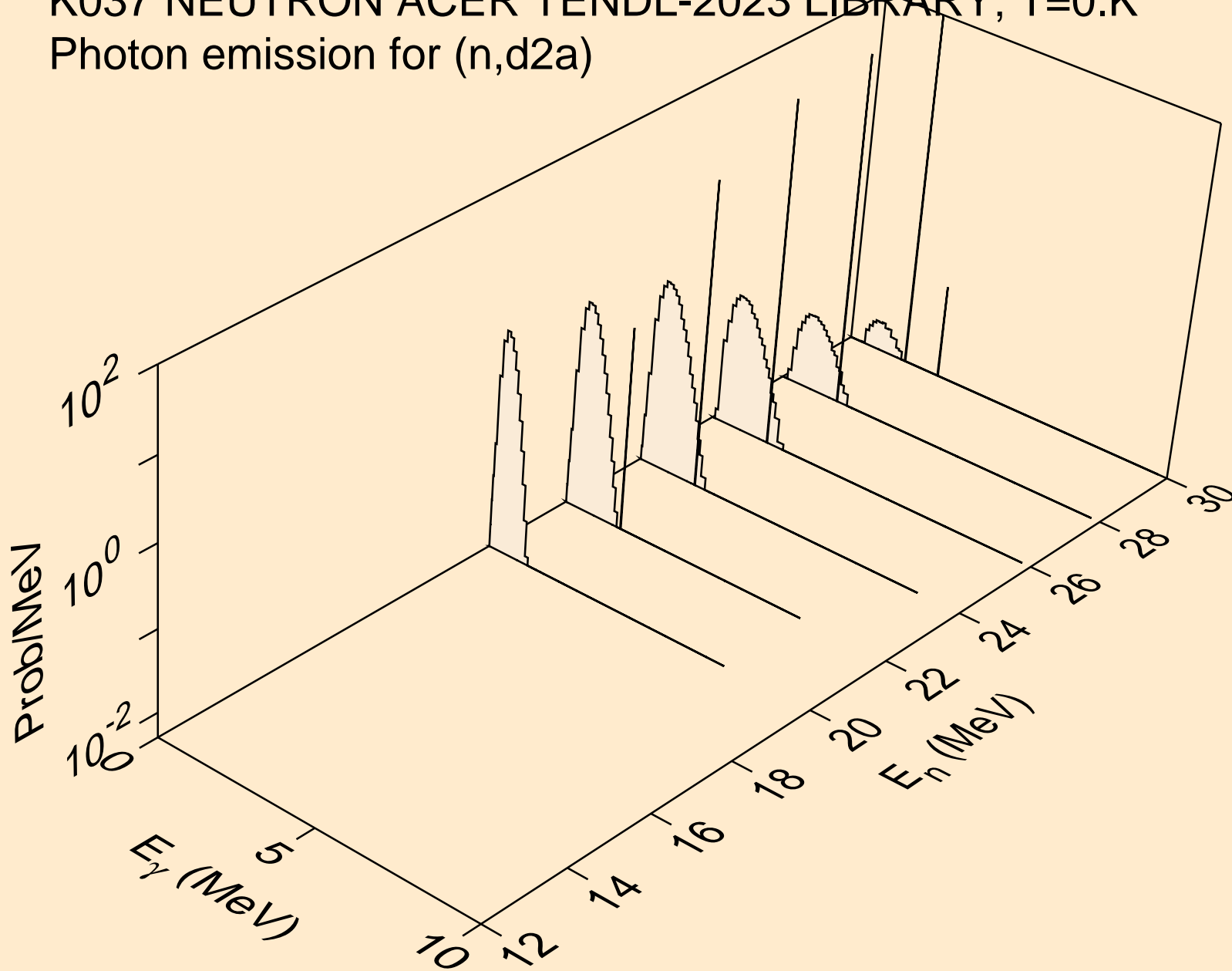




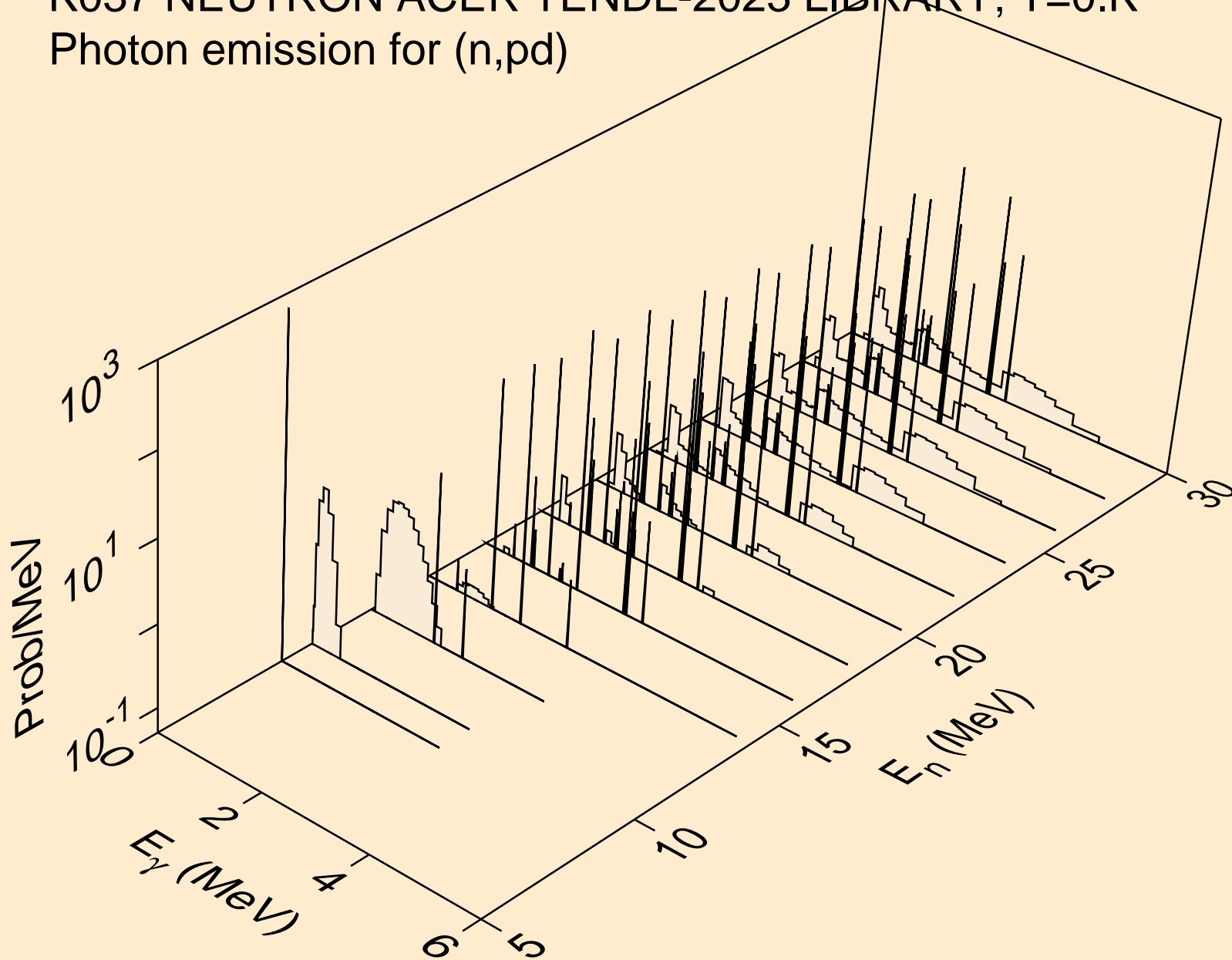
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



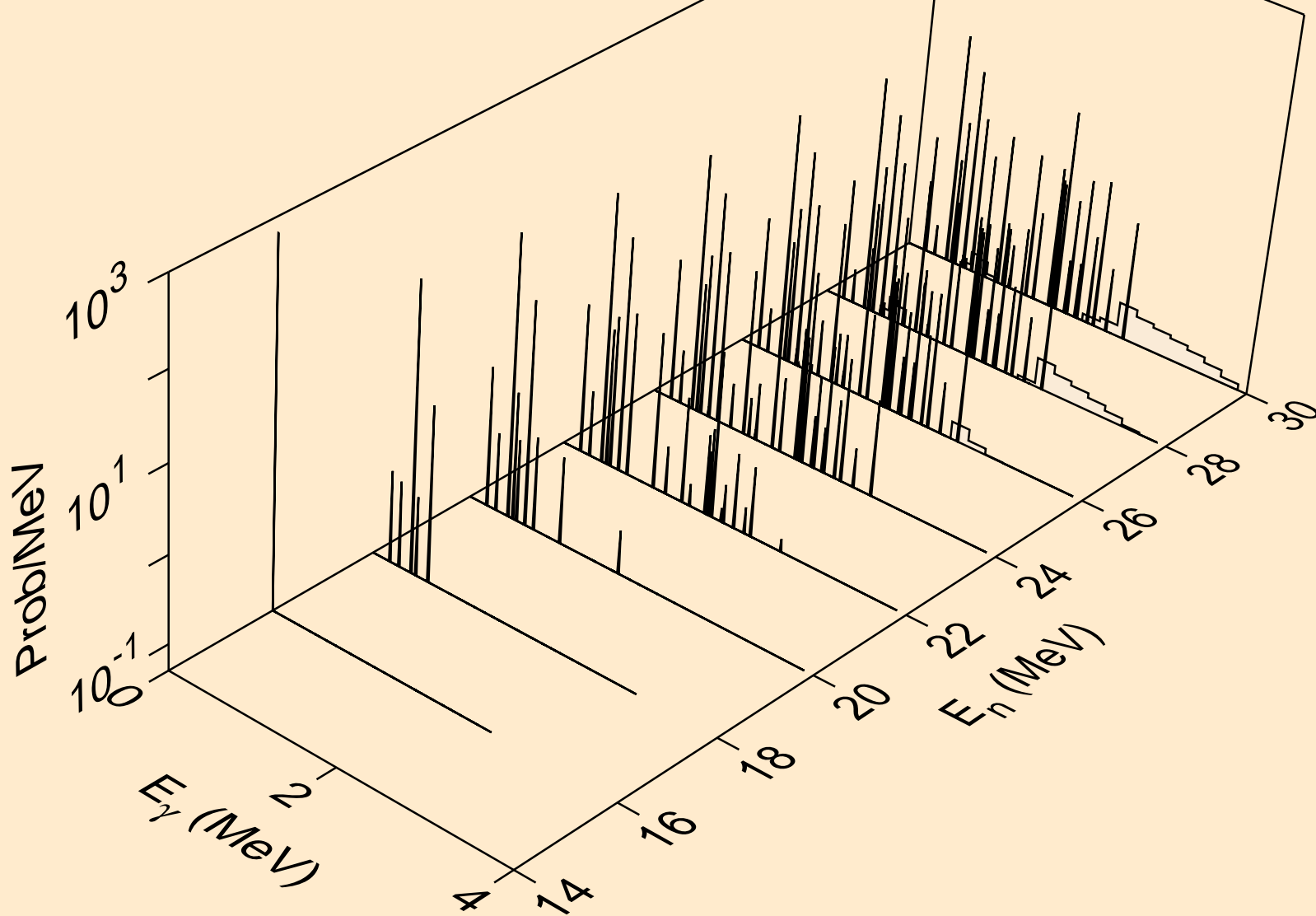
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



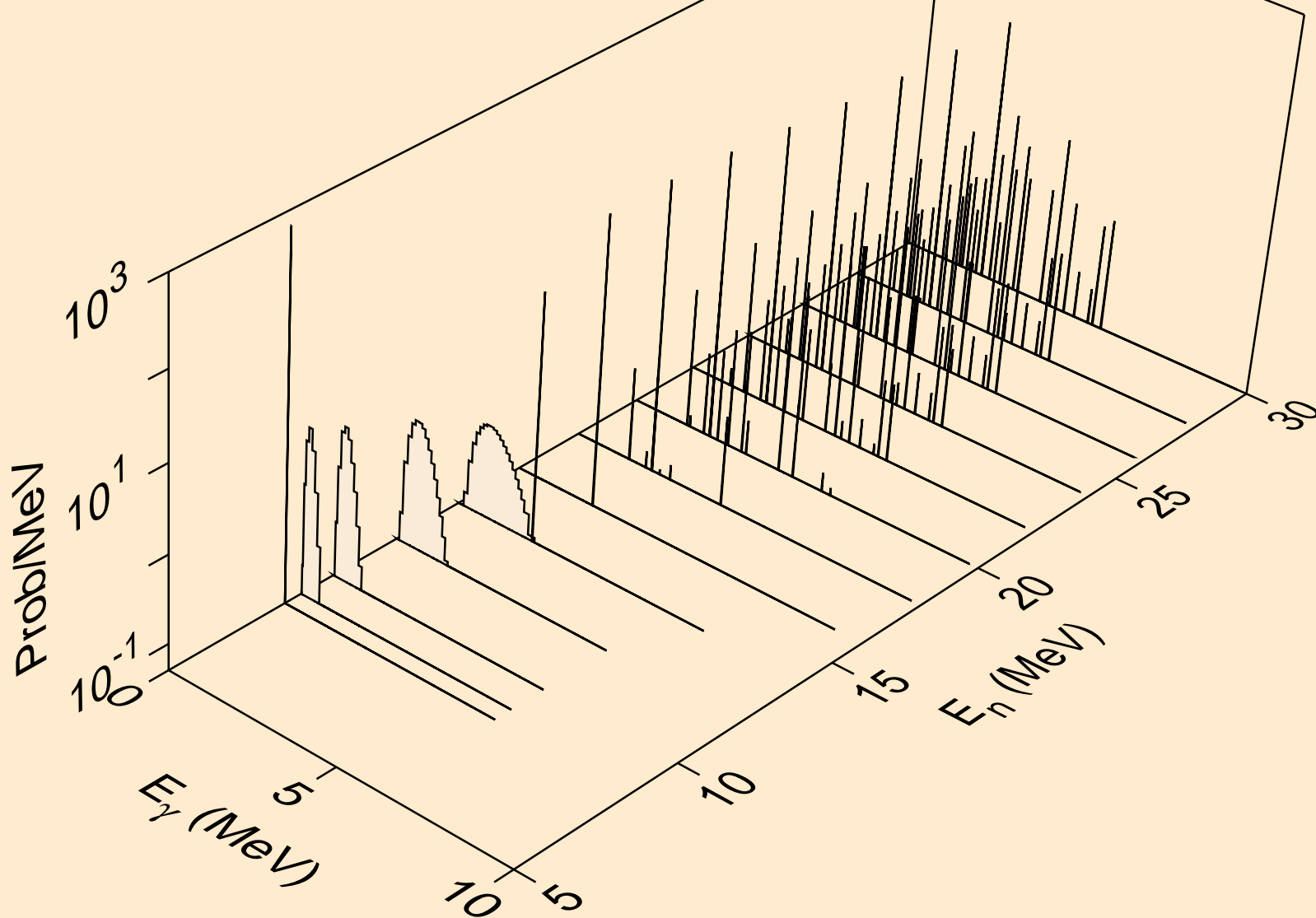
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



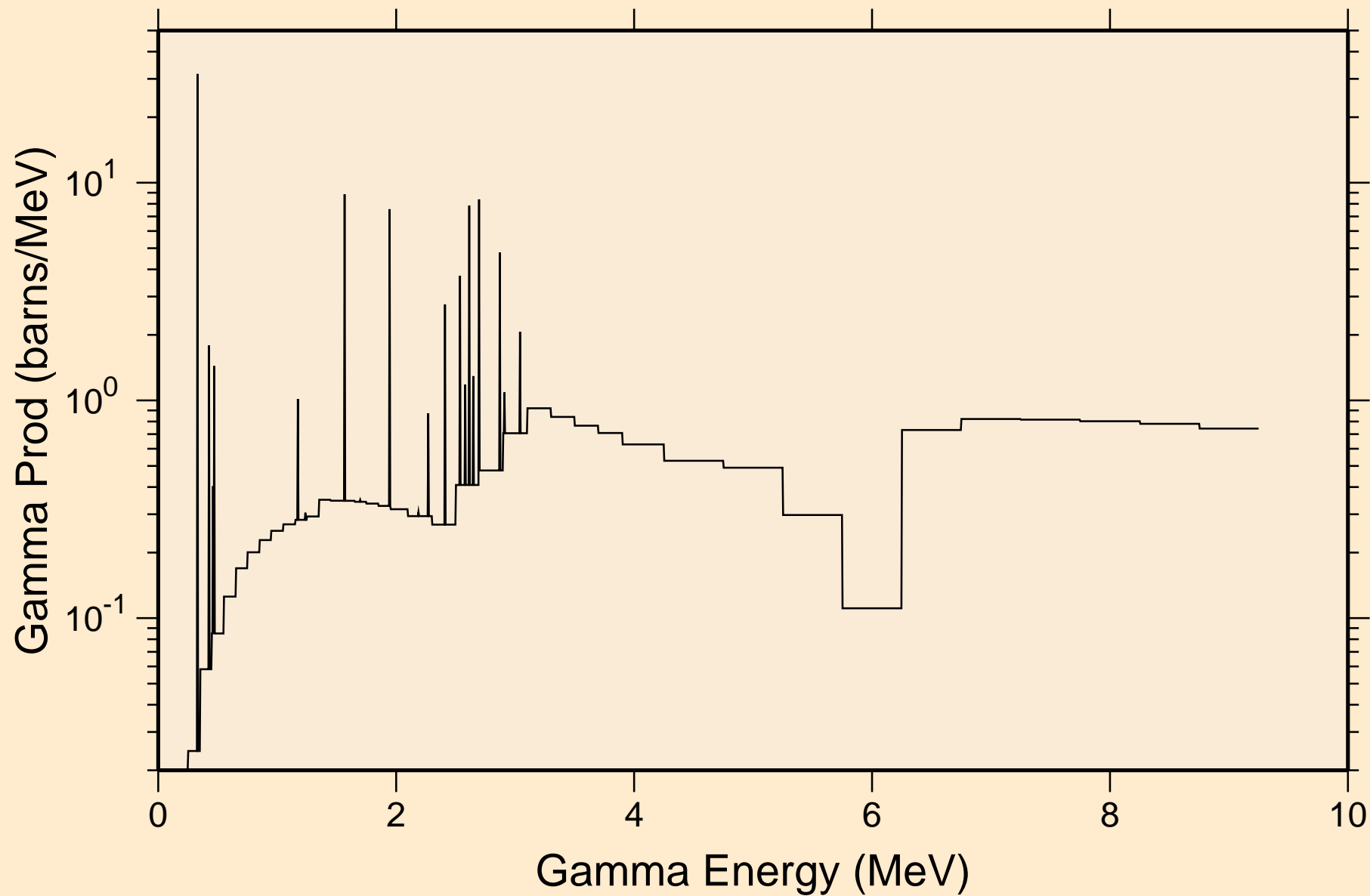
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



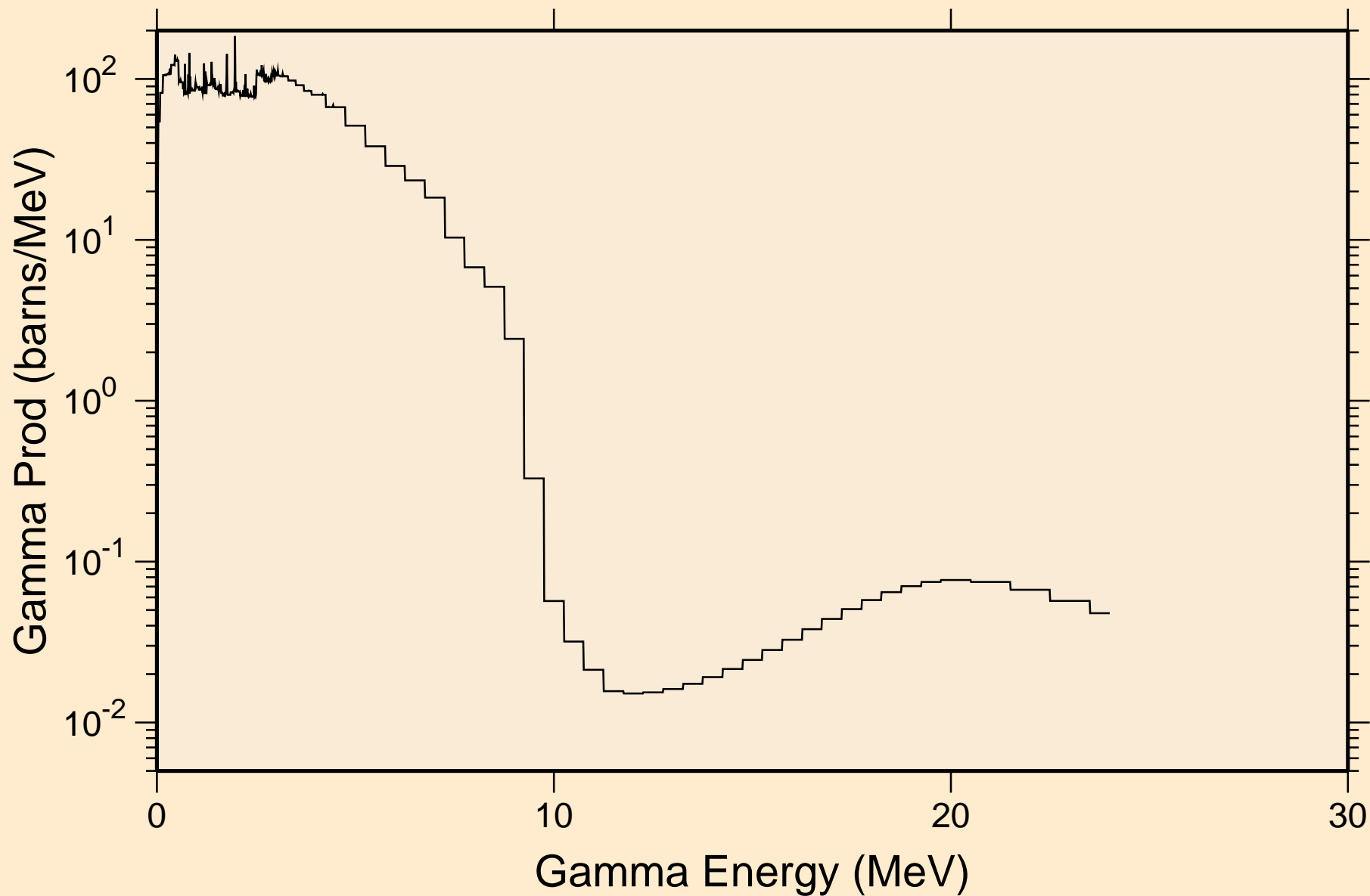
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

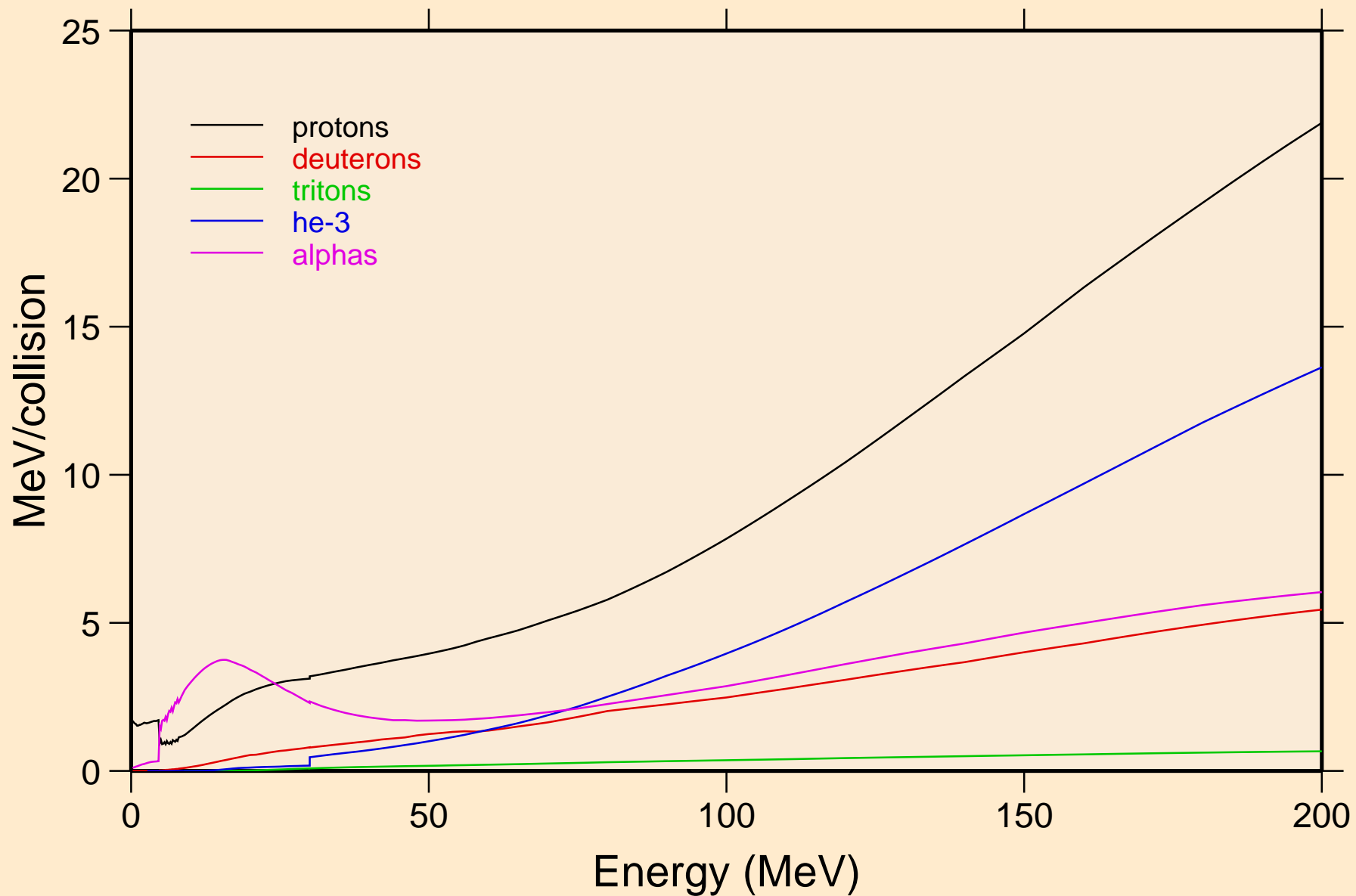


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



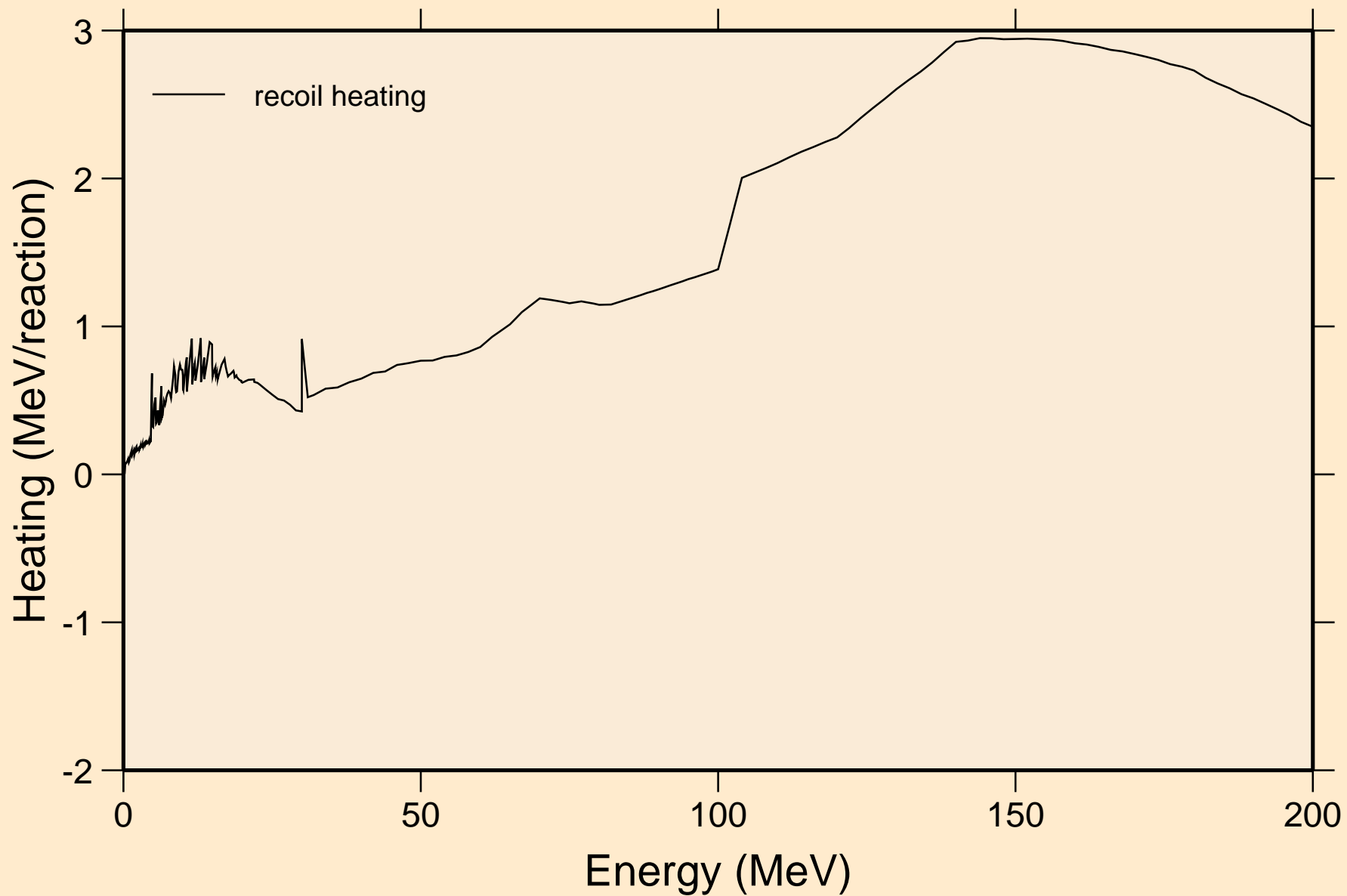
# K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



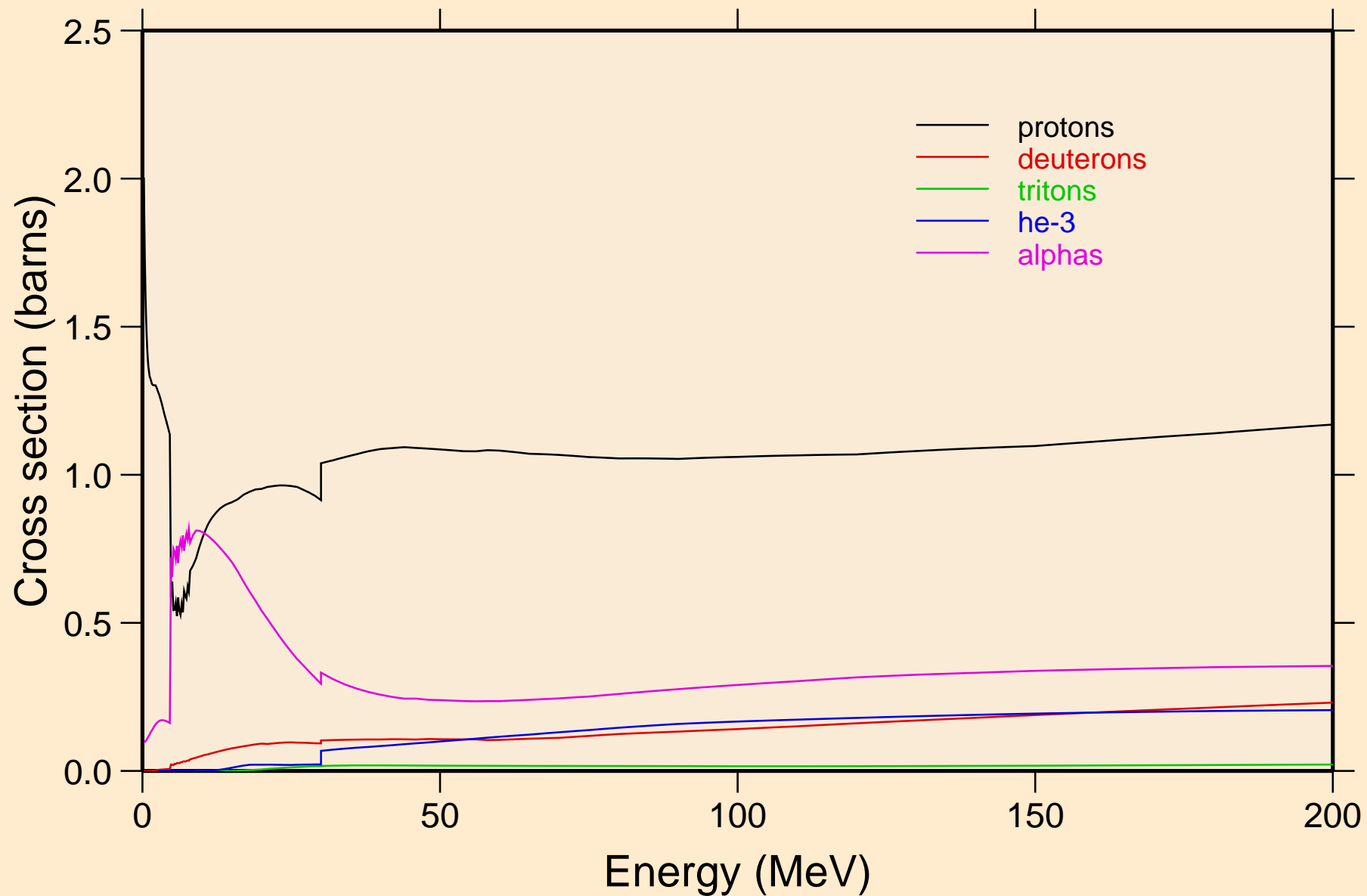


K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

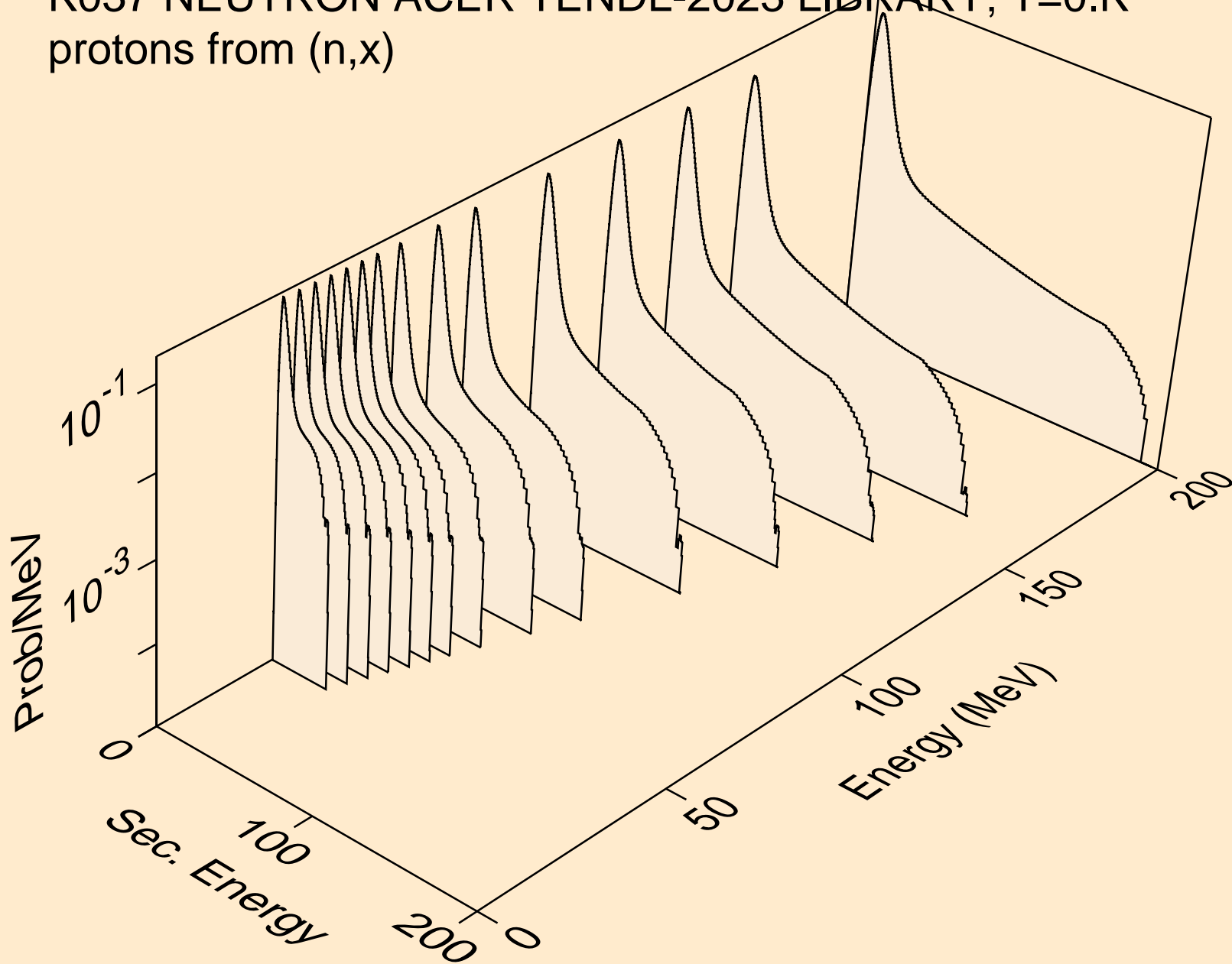


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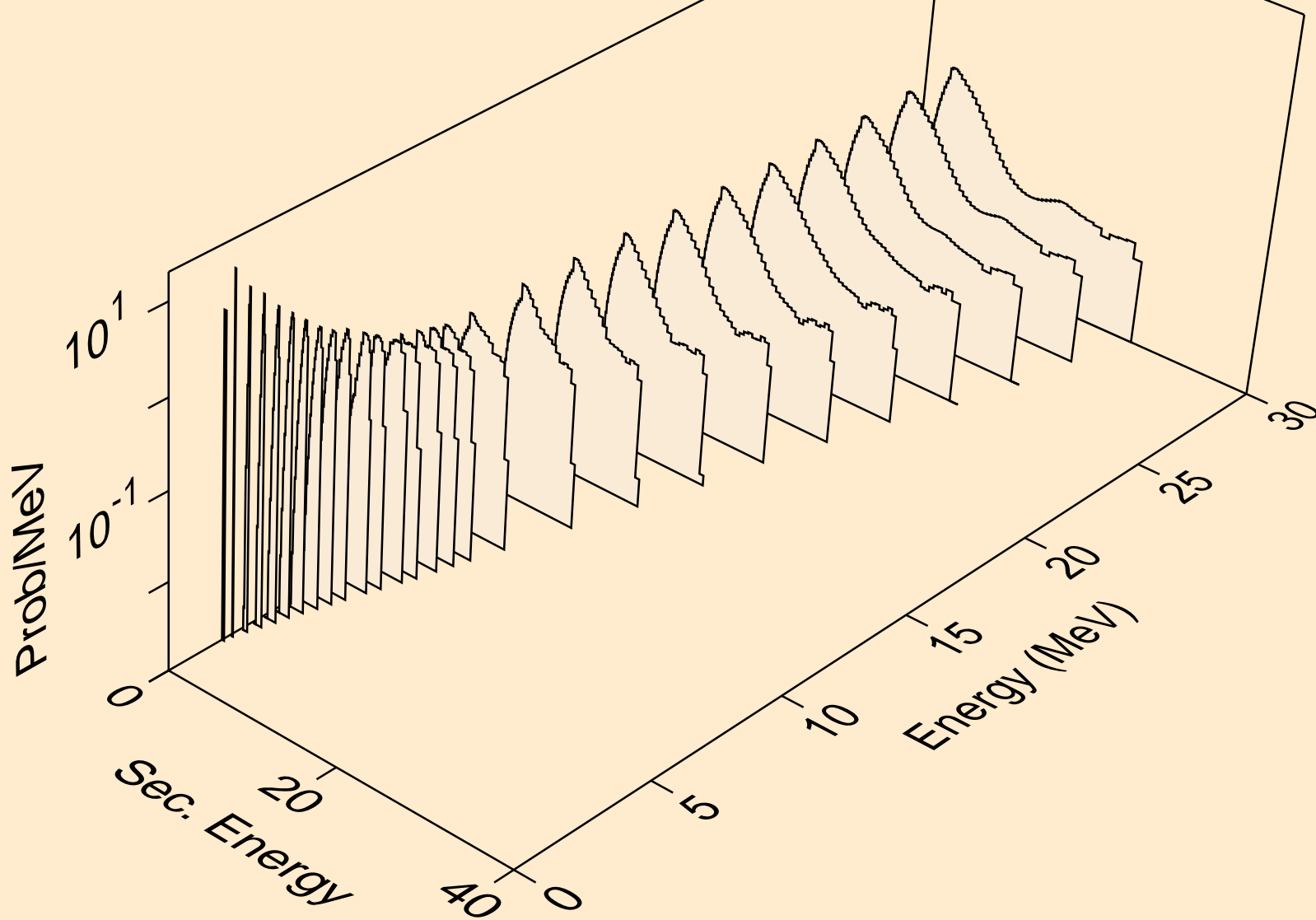
## Particle production cross sections



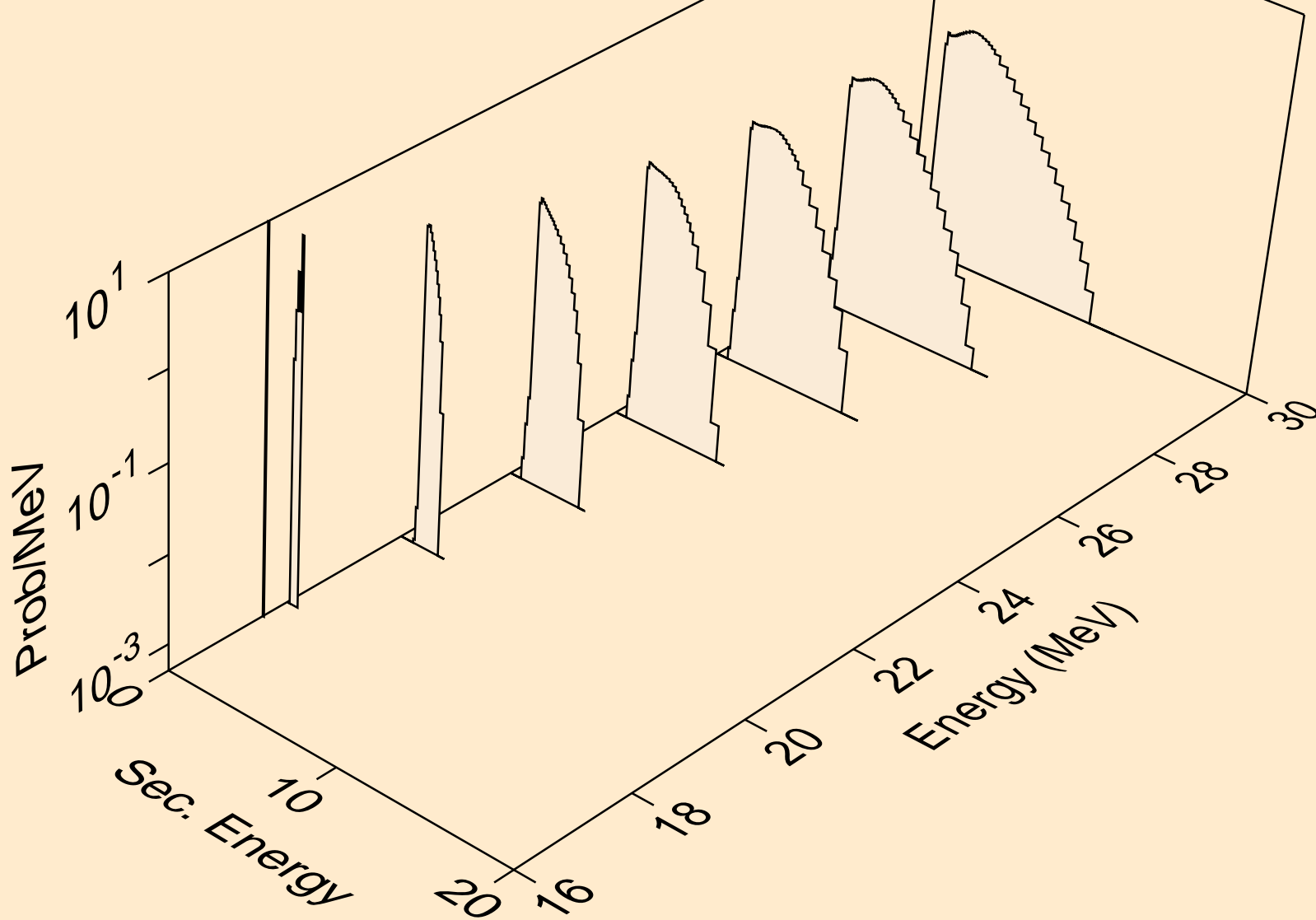
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



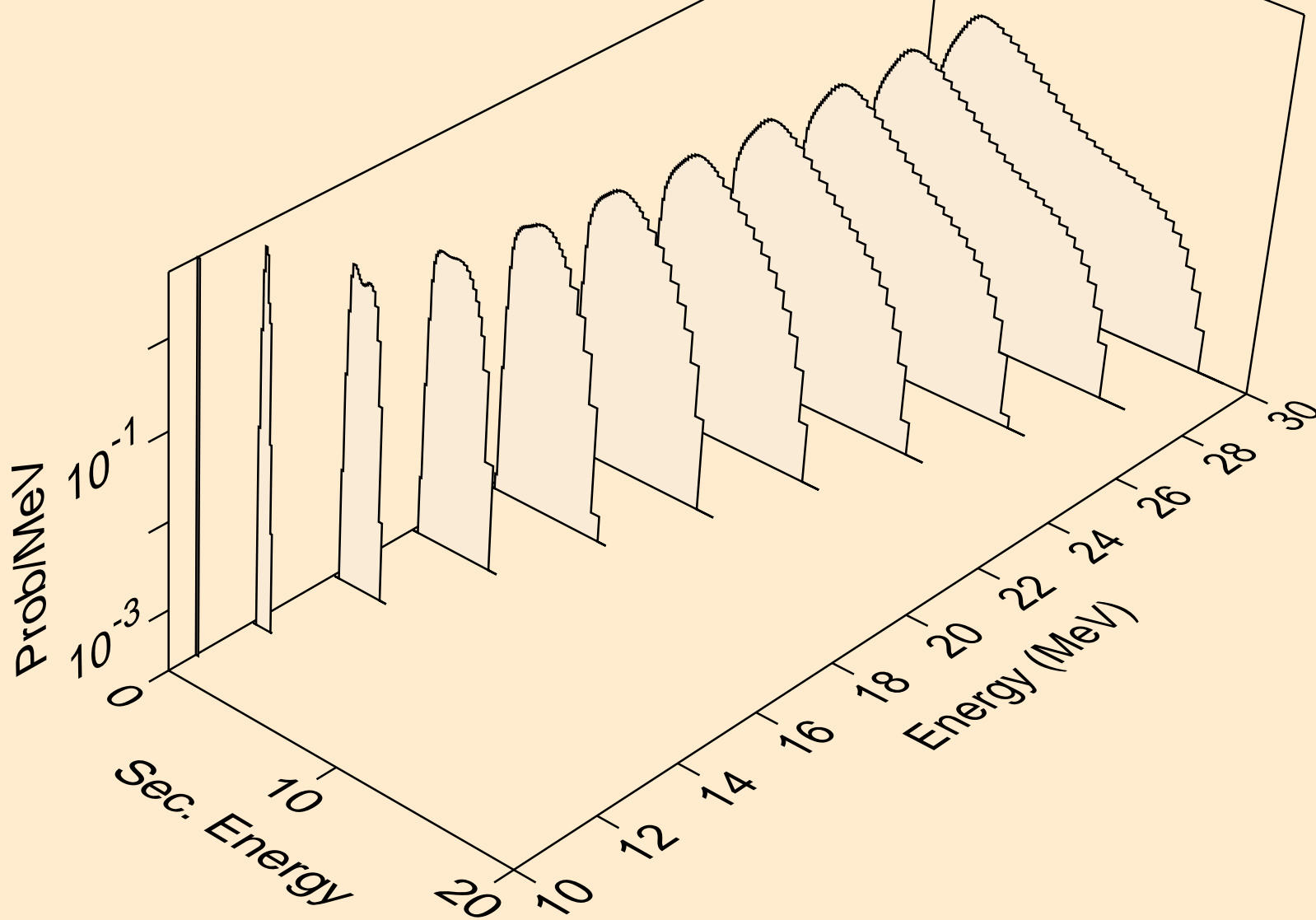
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



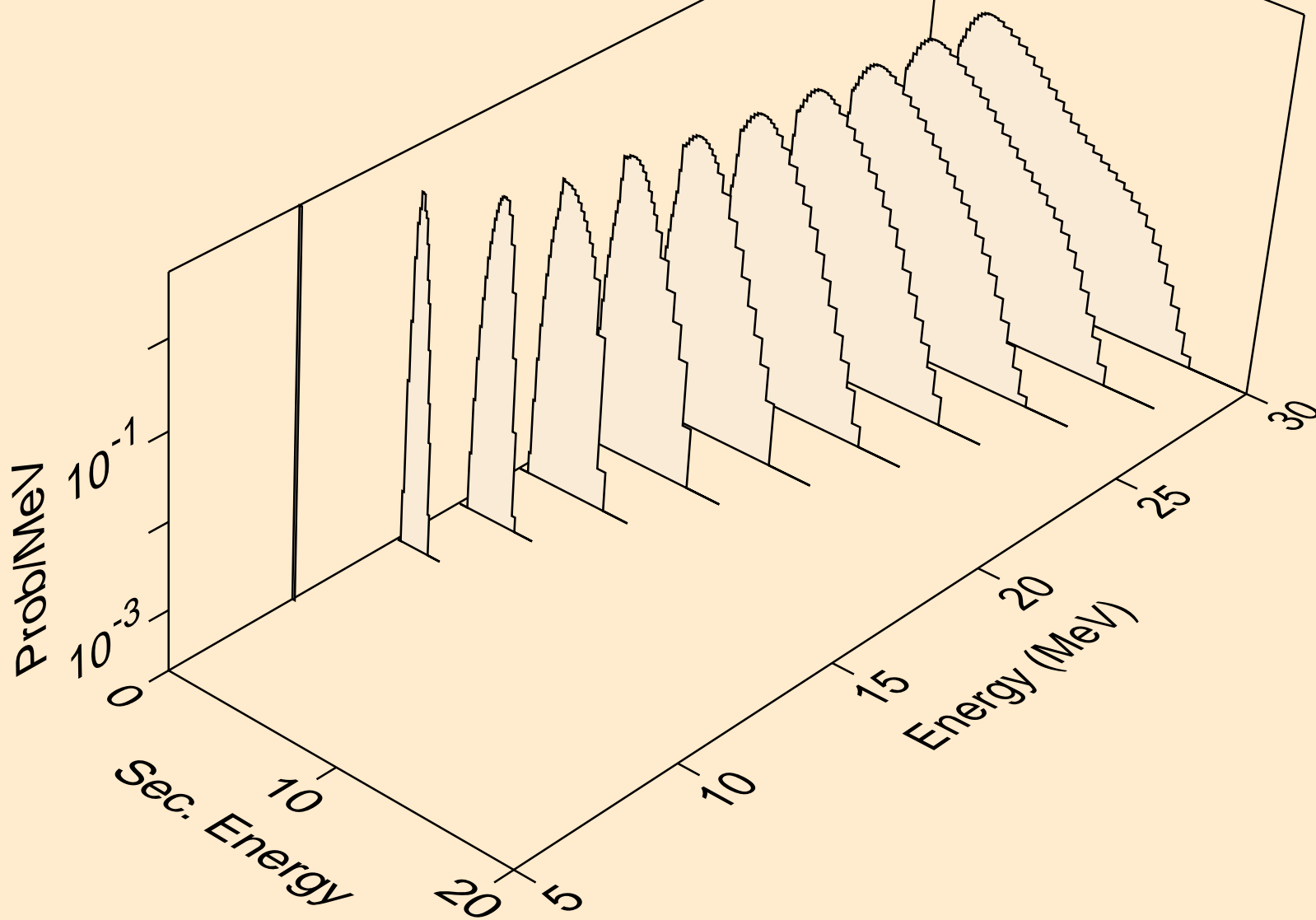
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protons from (n,2np)



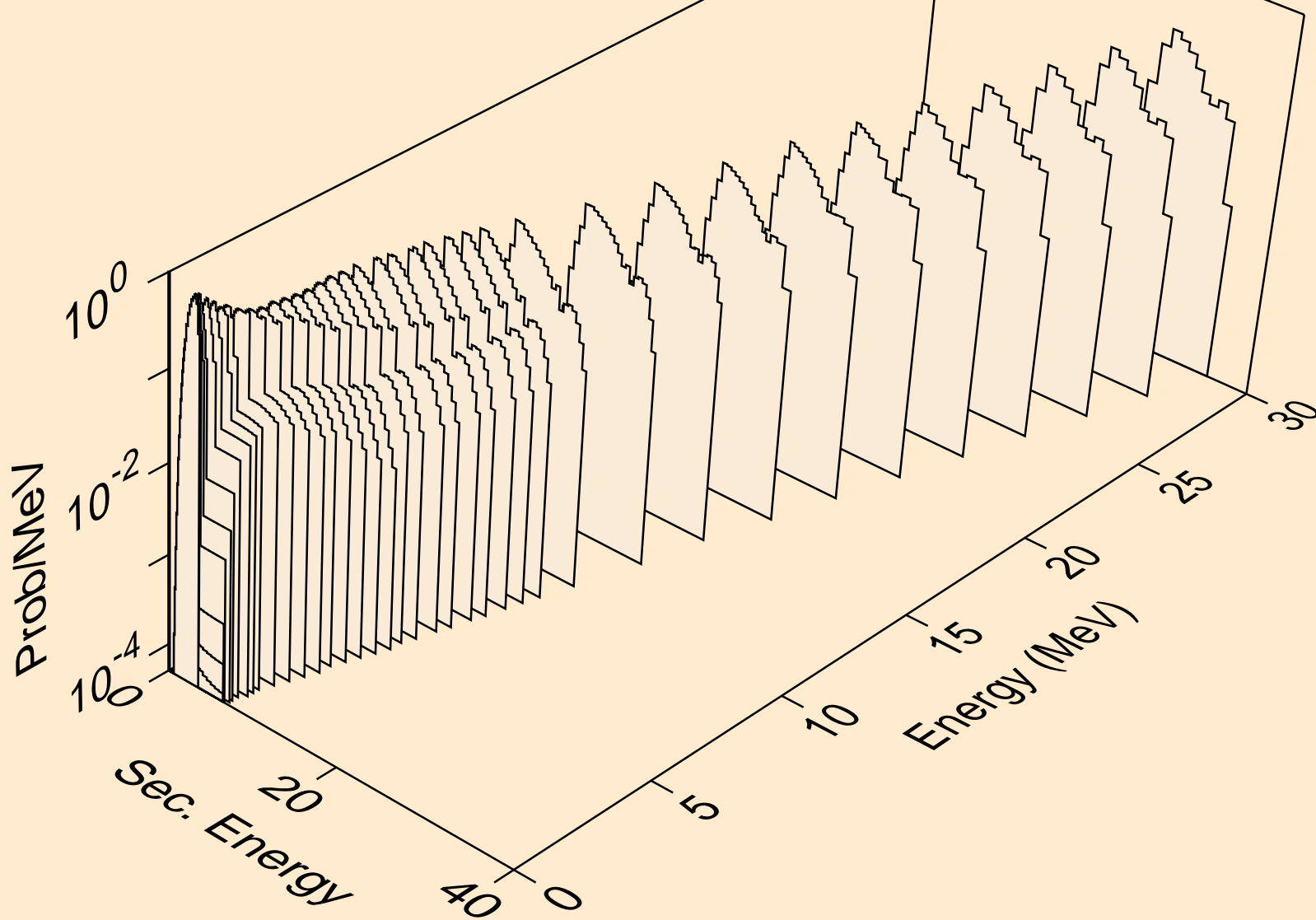
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)

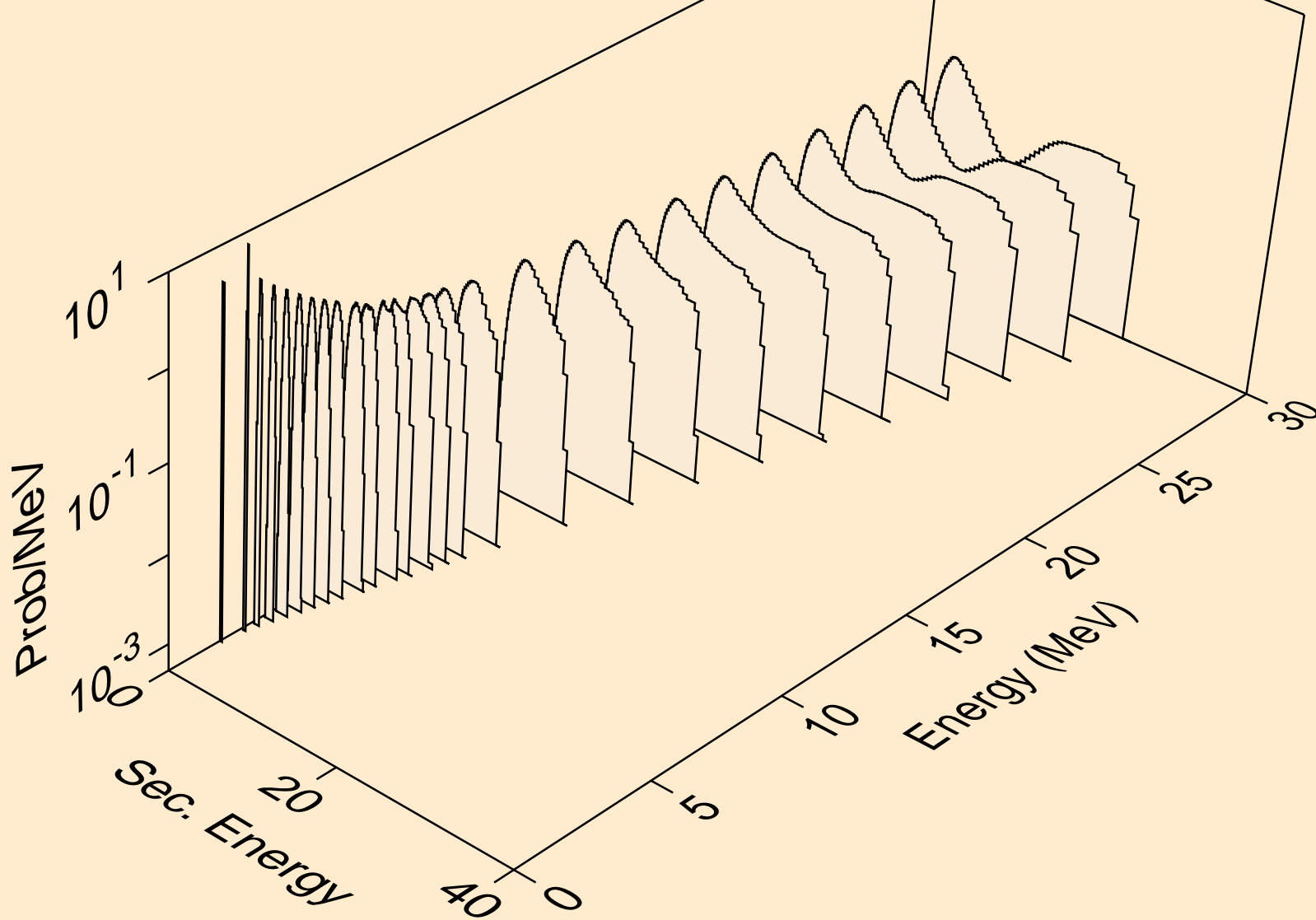


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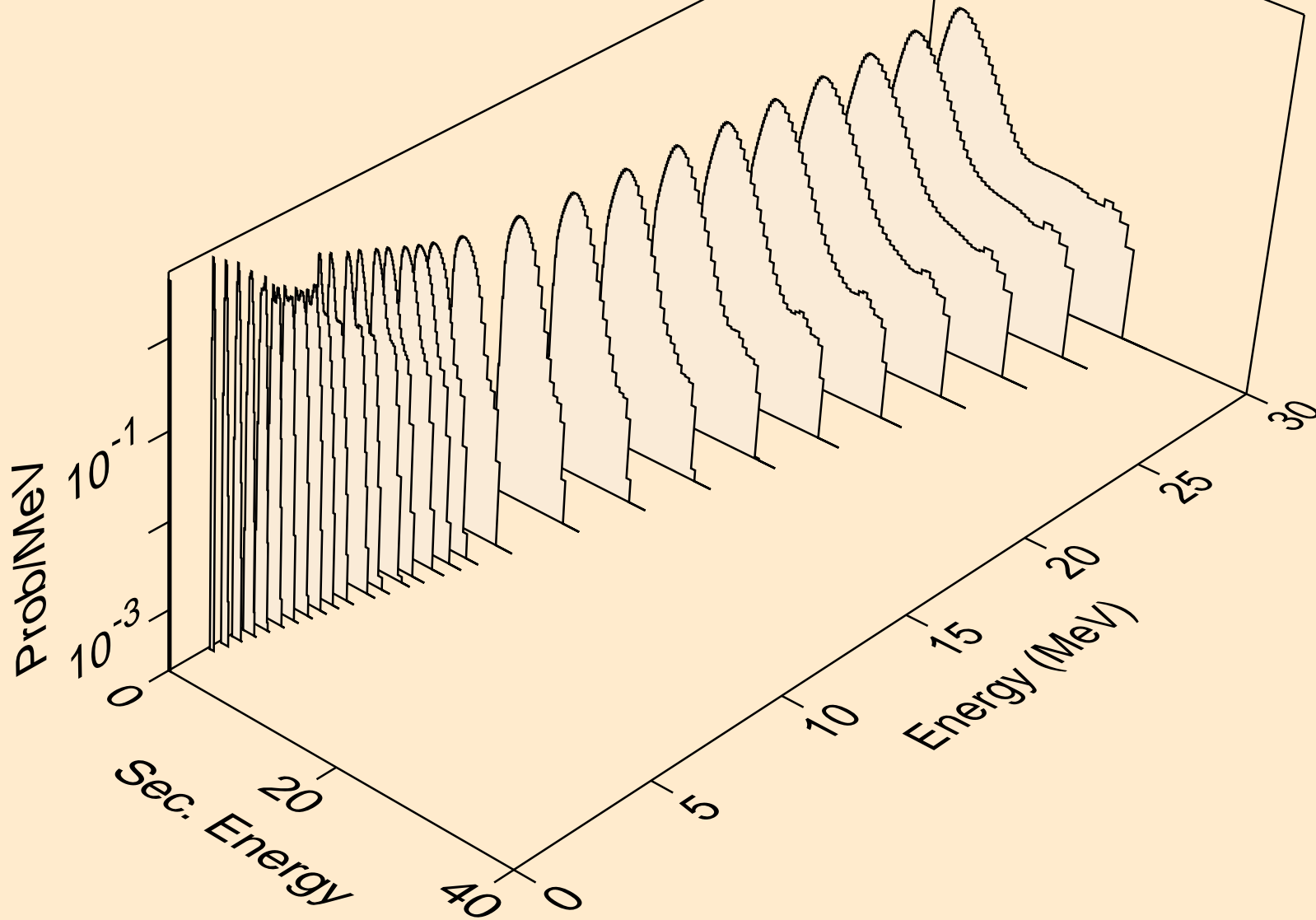




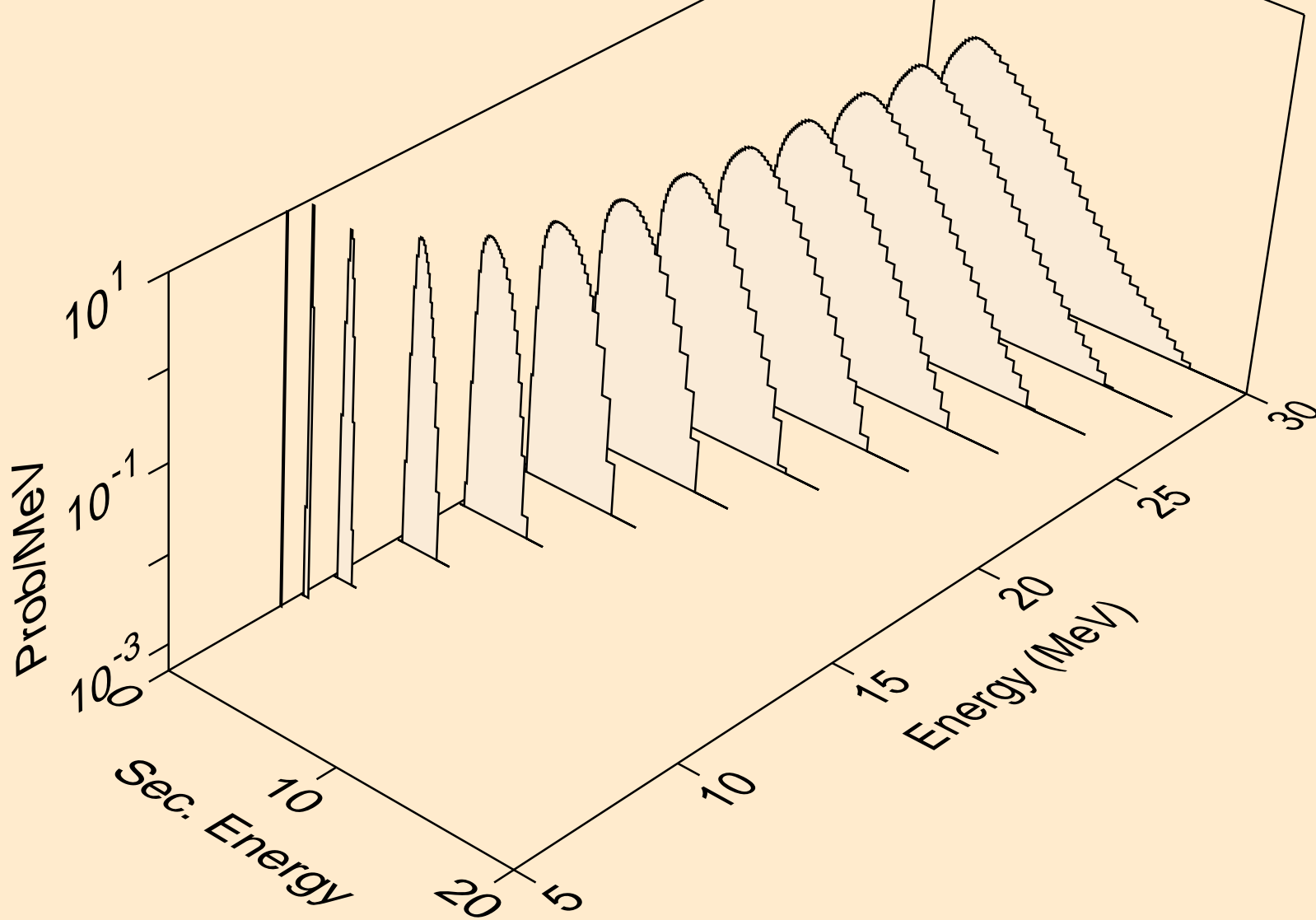
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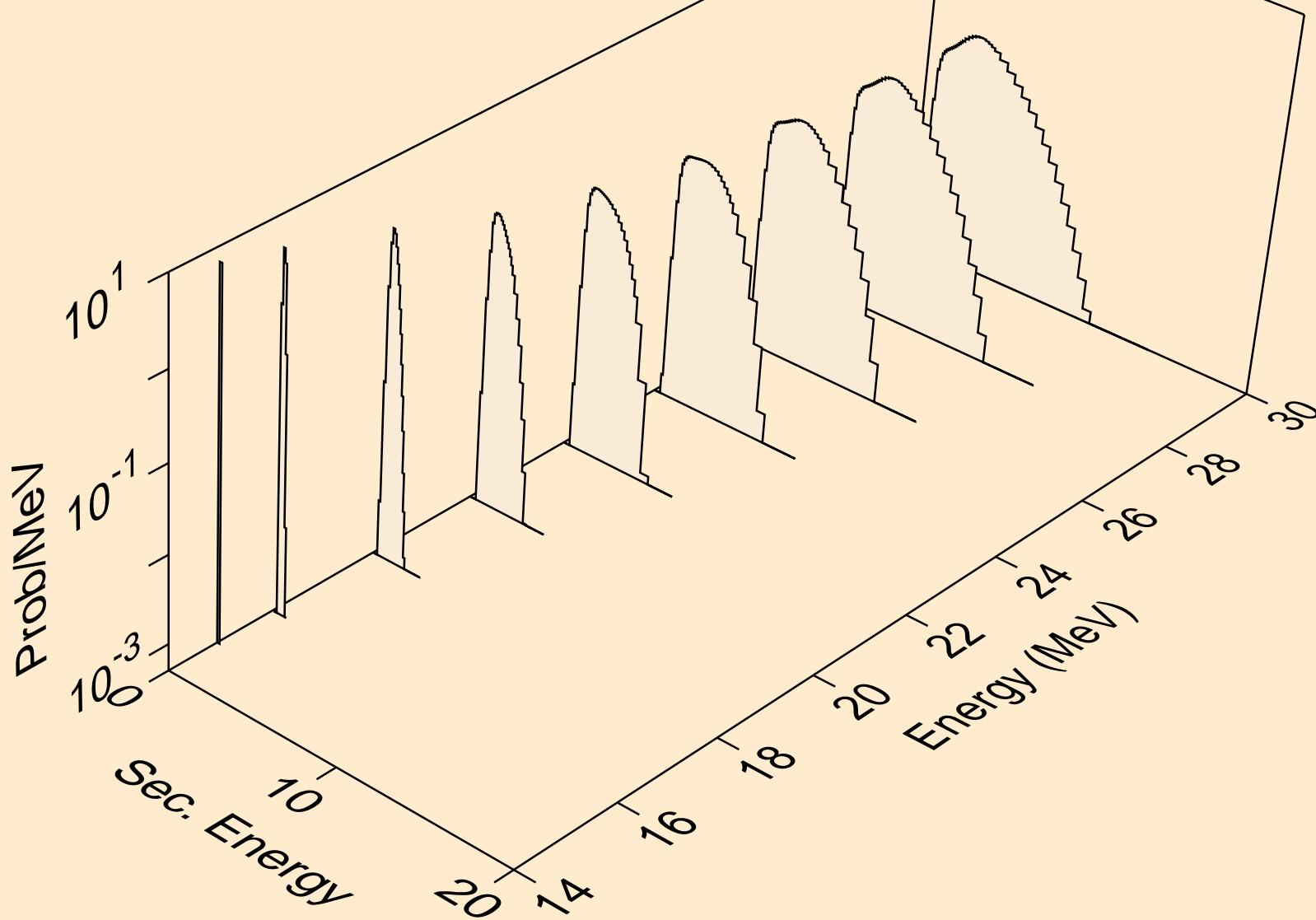
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protons from (n,p)



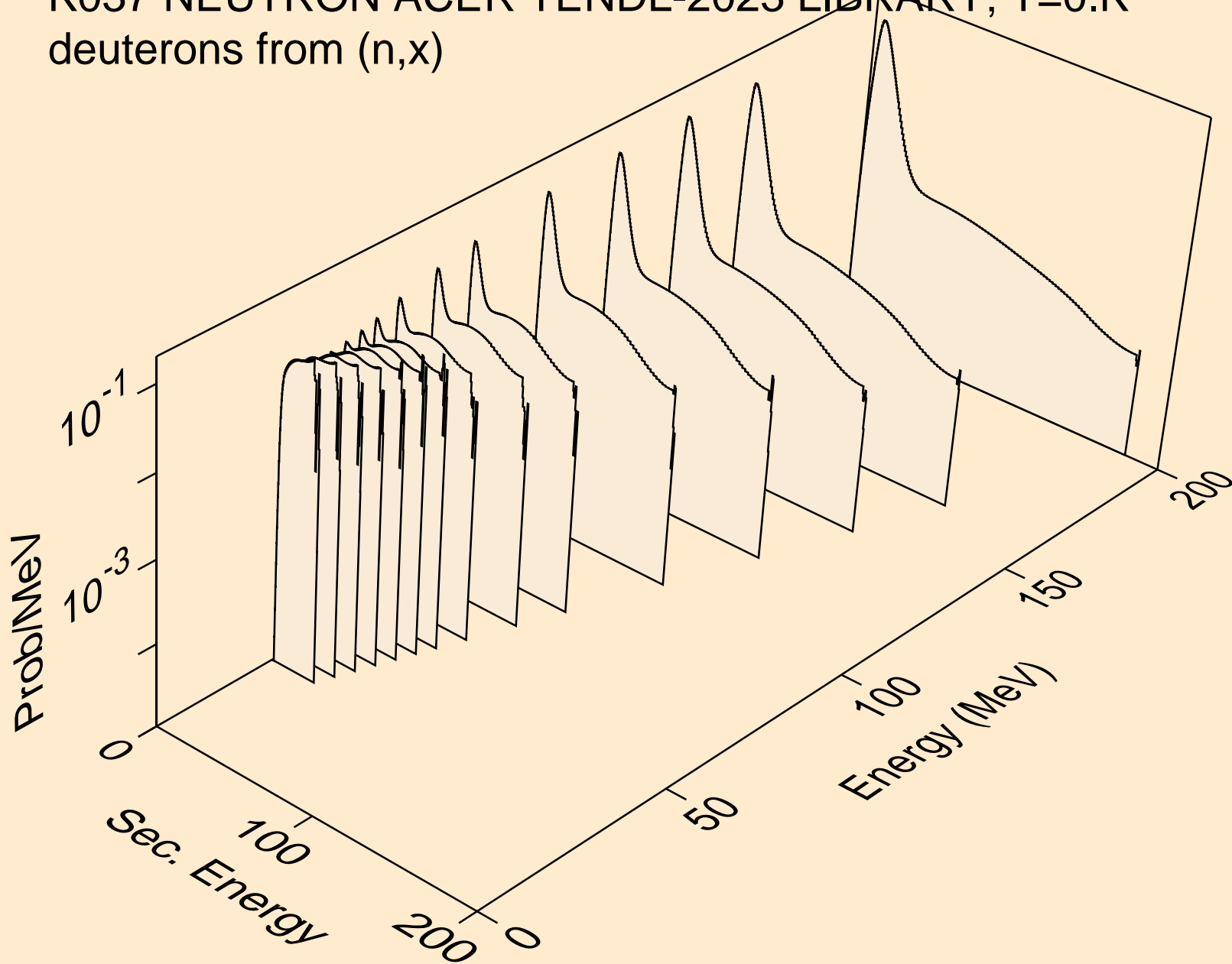
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protons from (n,pd)



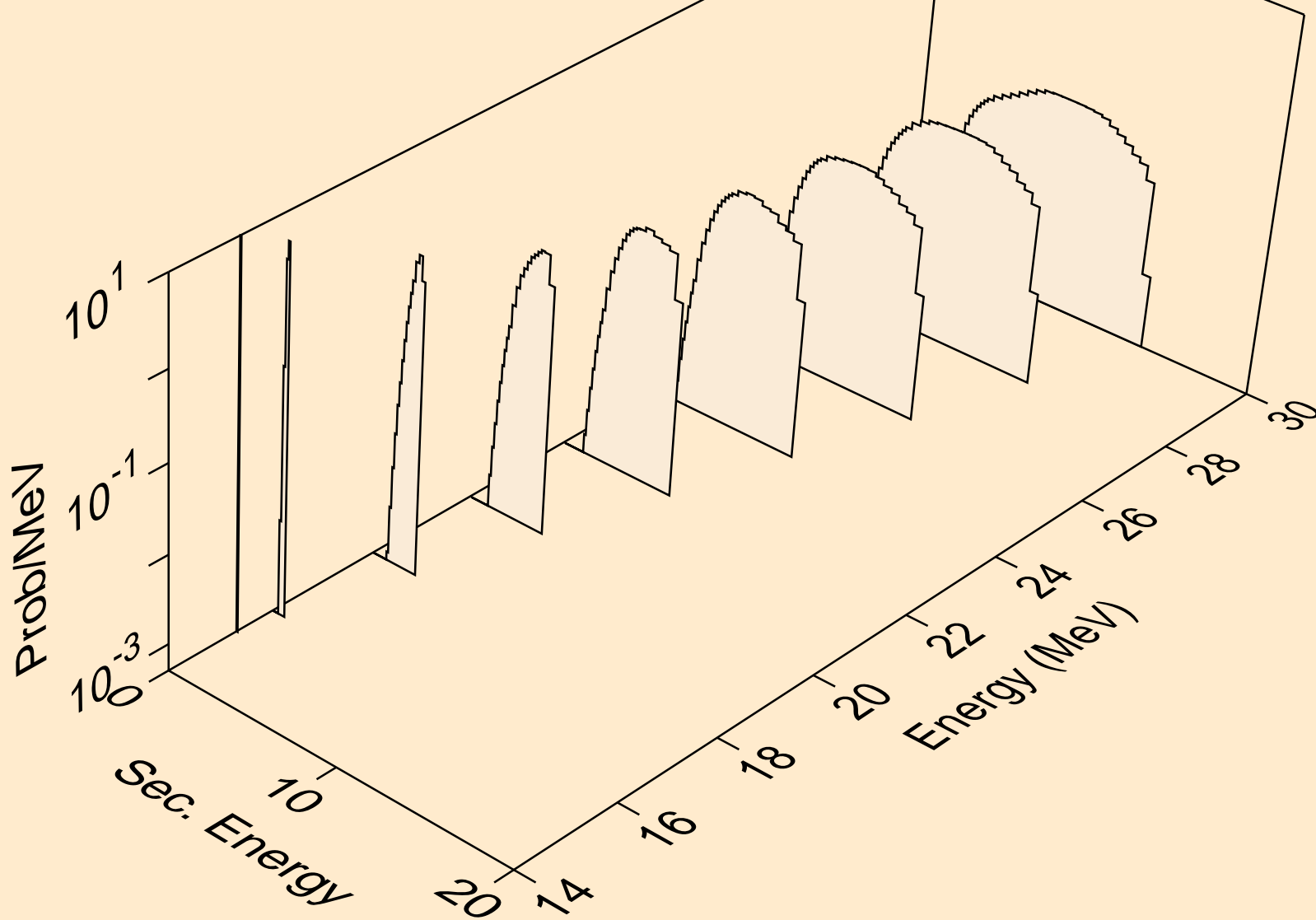
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protons from (n,pt)



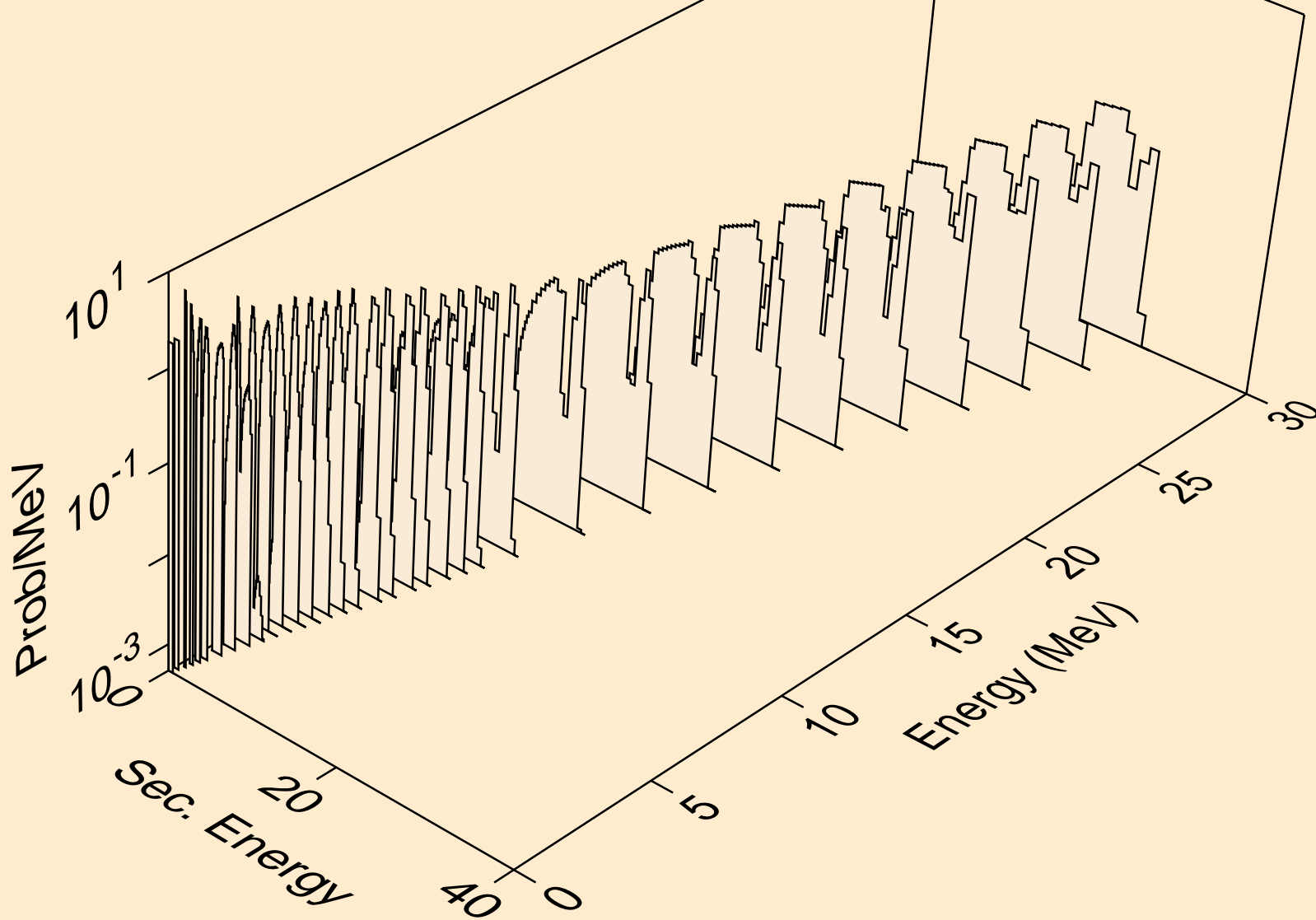
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deuterons from (n,x)



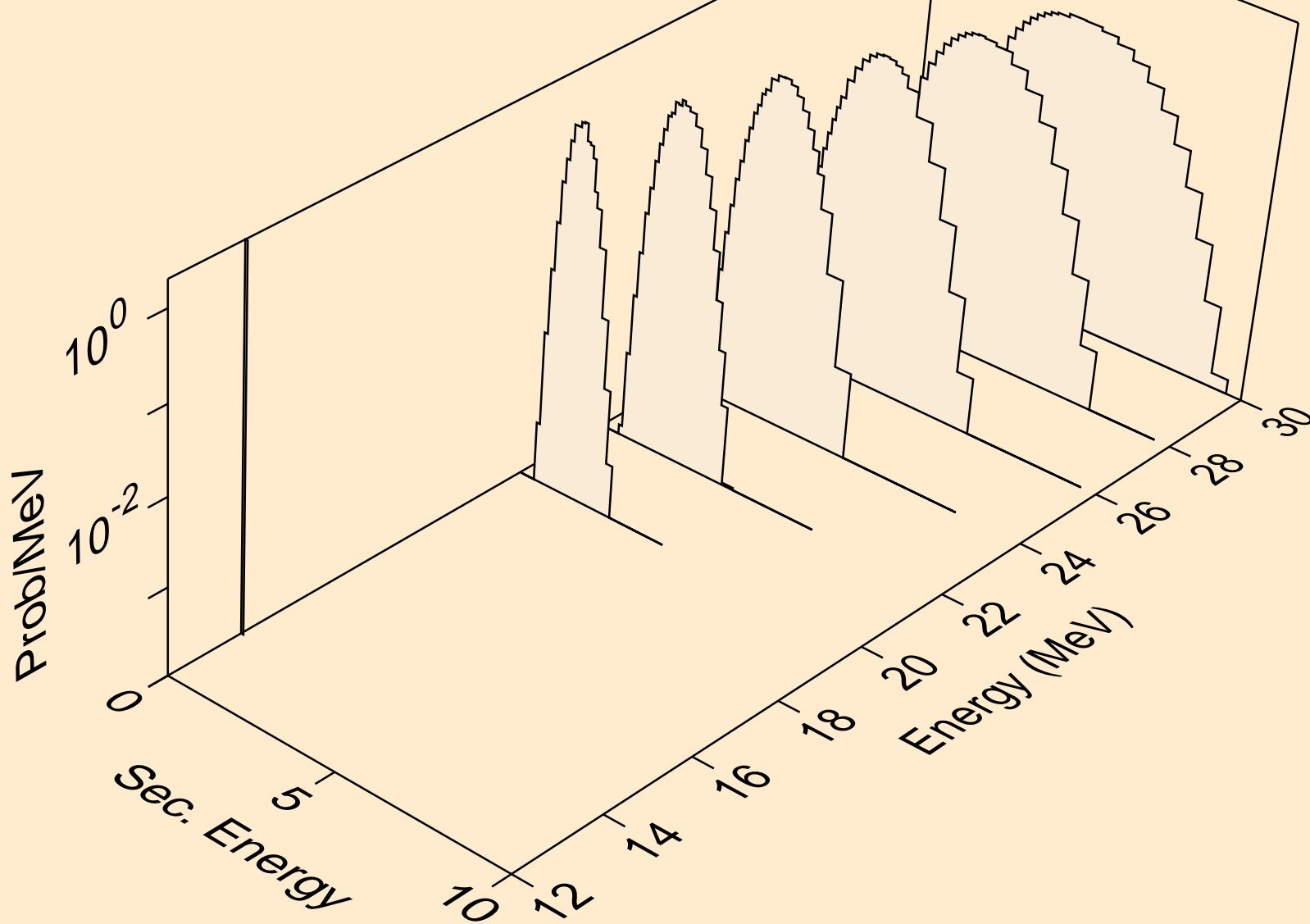
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

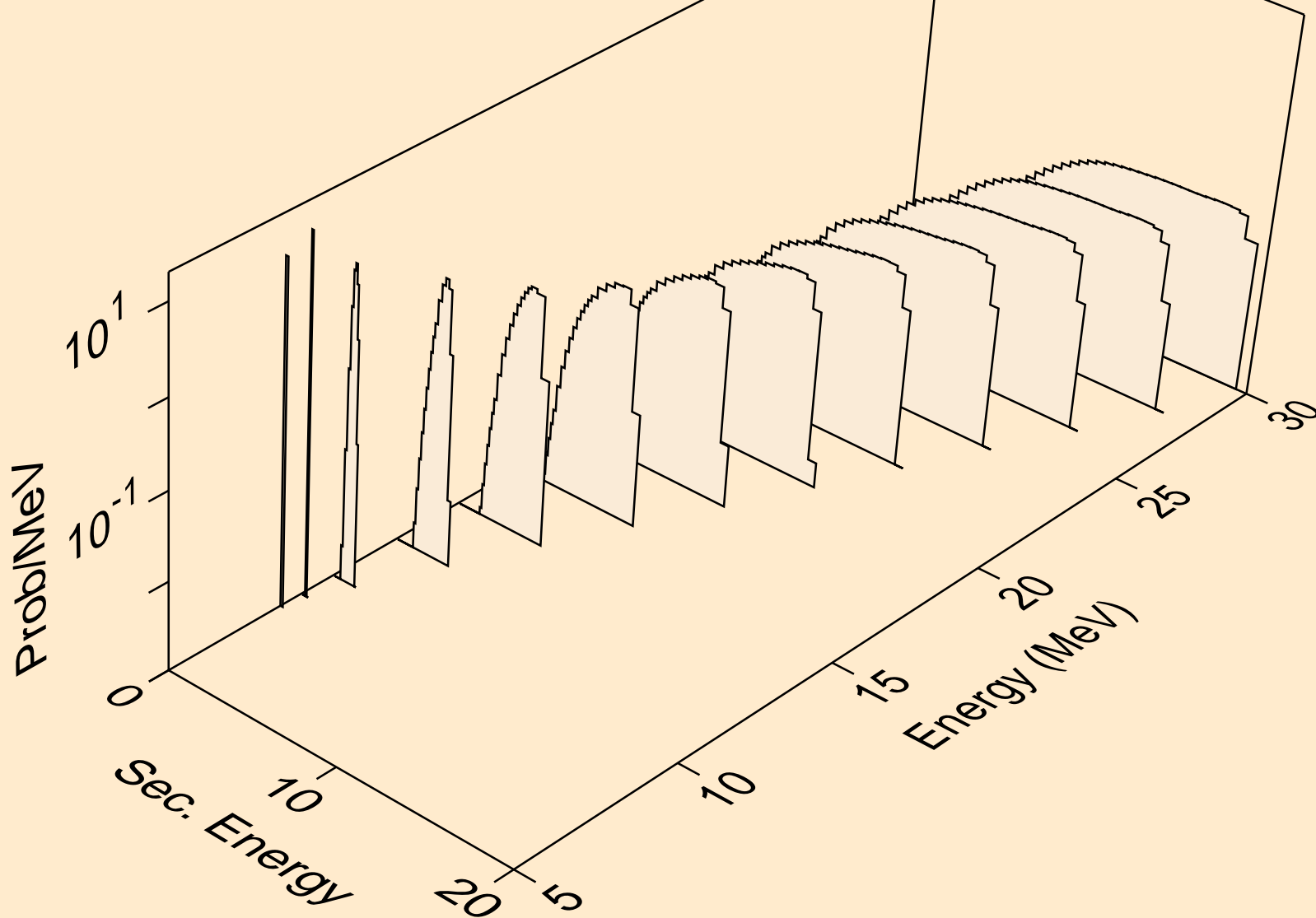


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deuterons from (n,d2a)

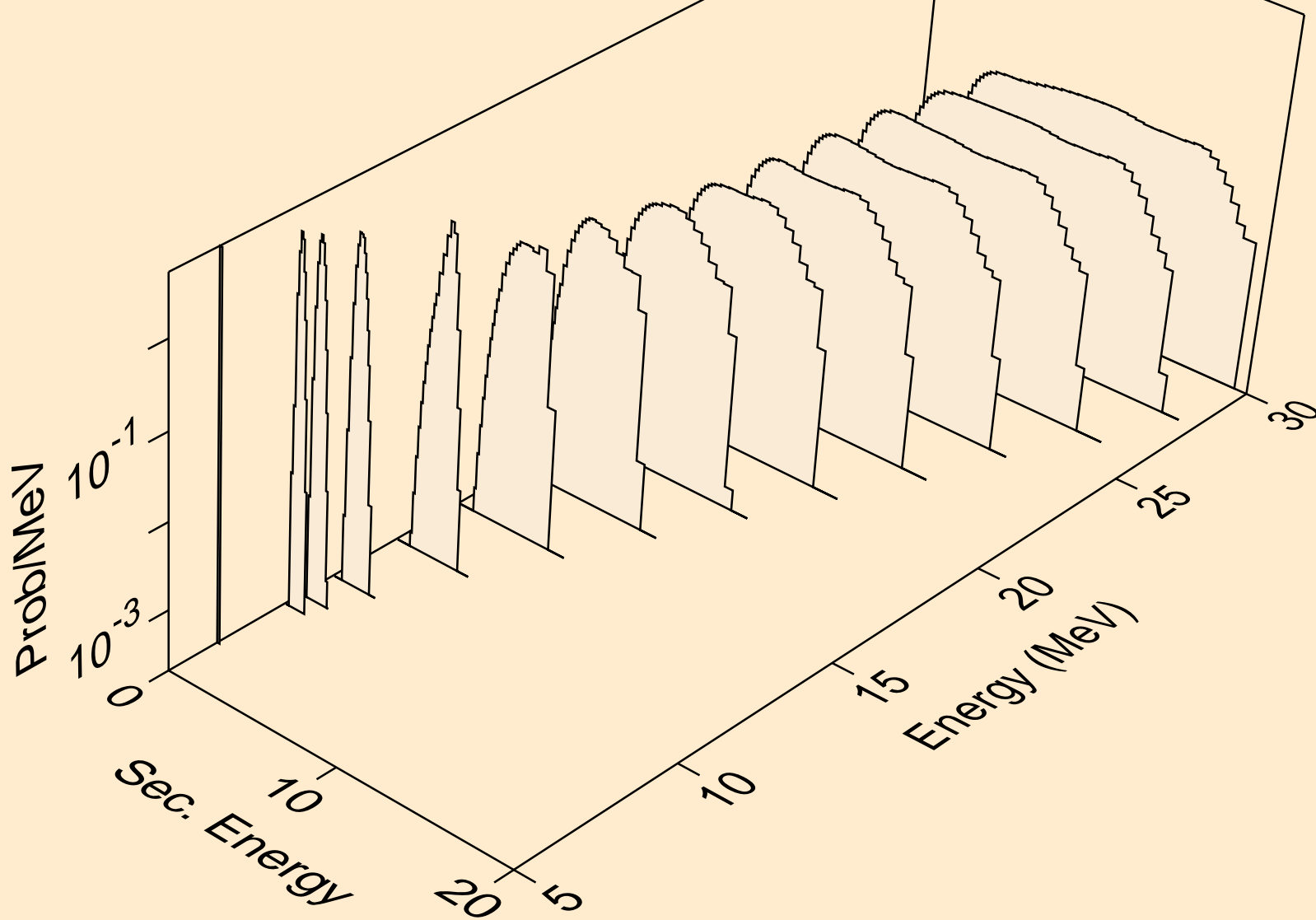




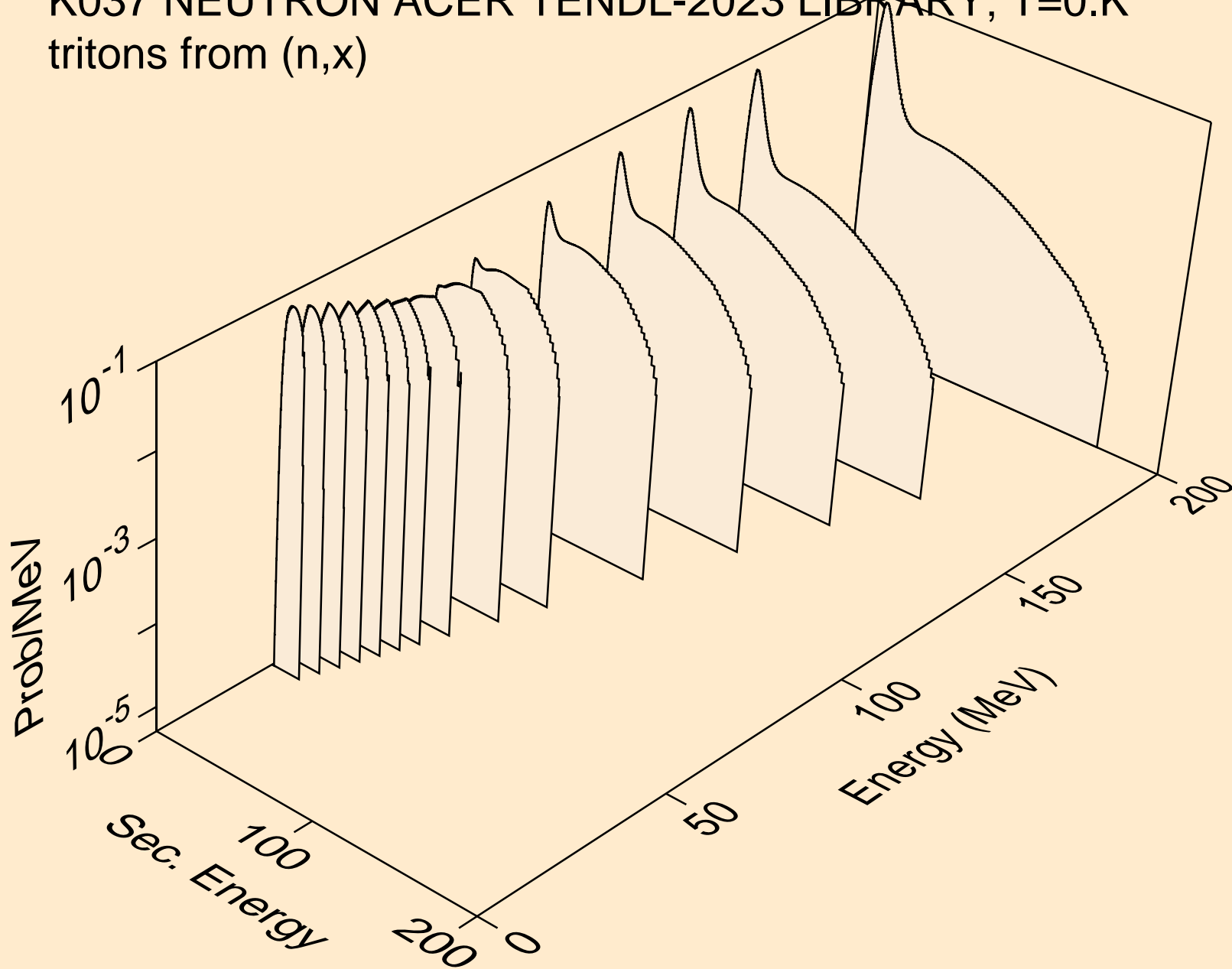
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deuterons from (n,pd)



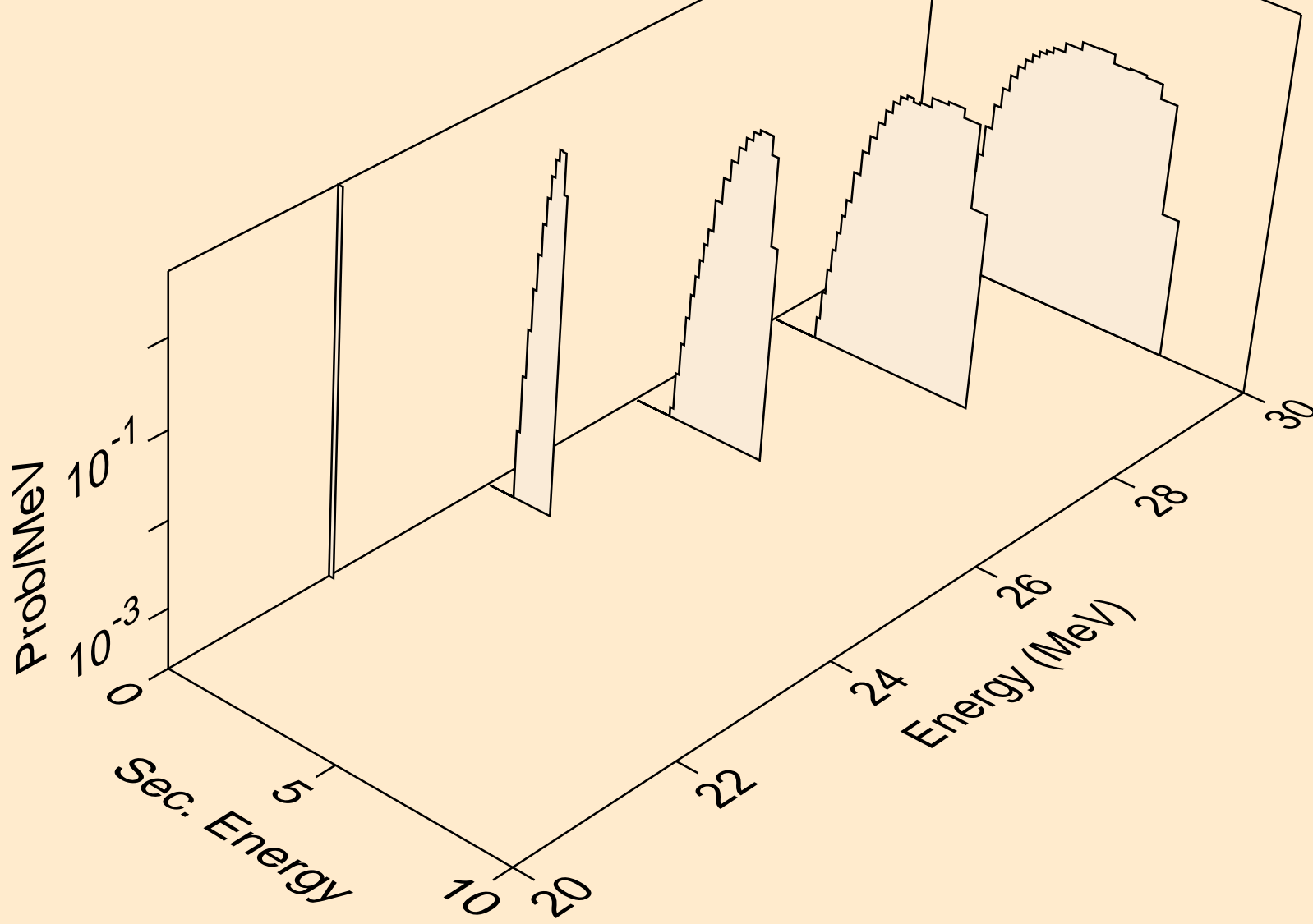
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deuterons from (n,da)



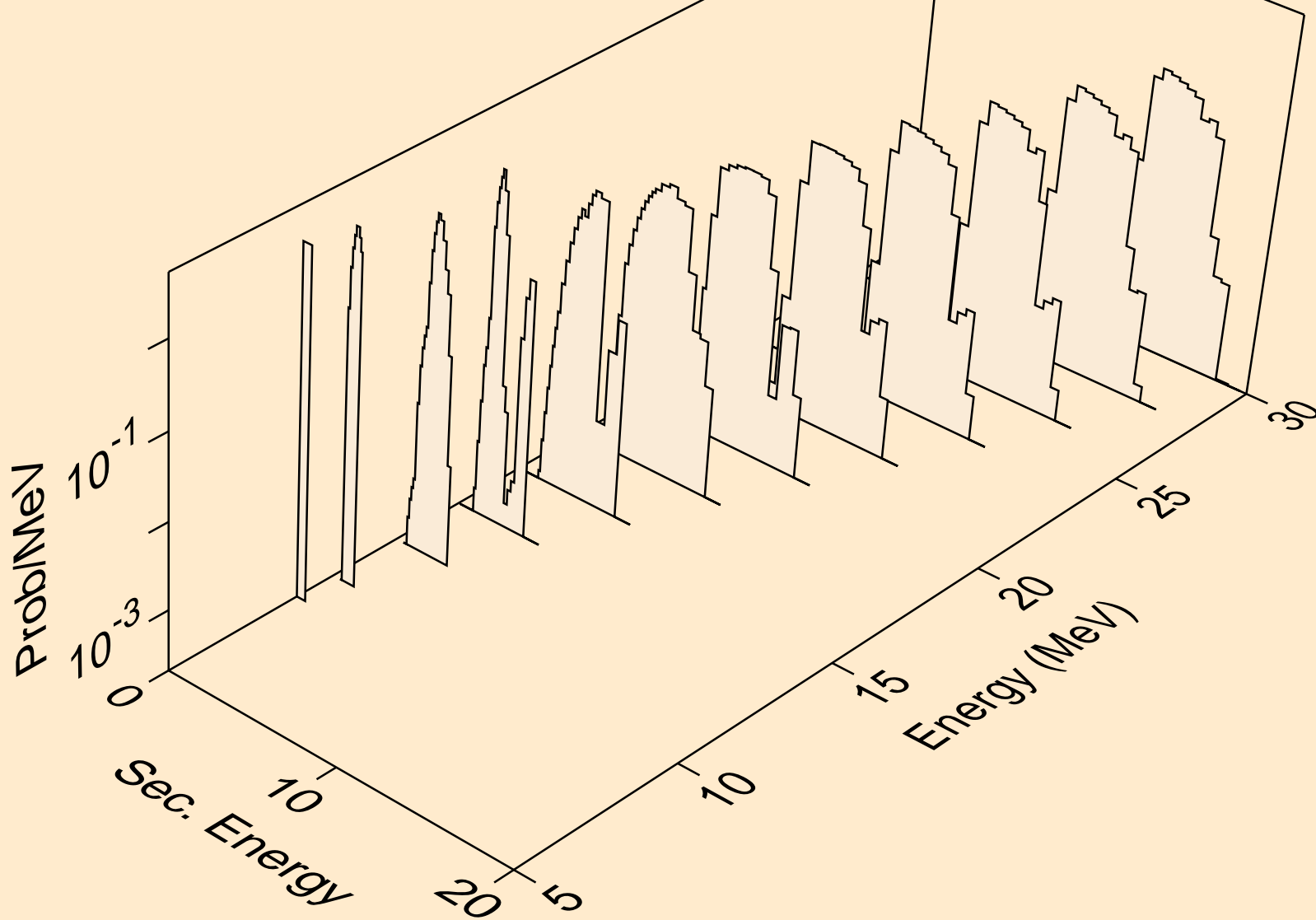
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



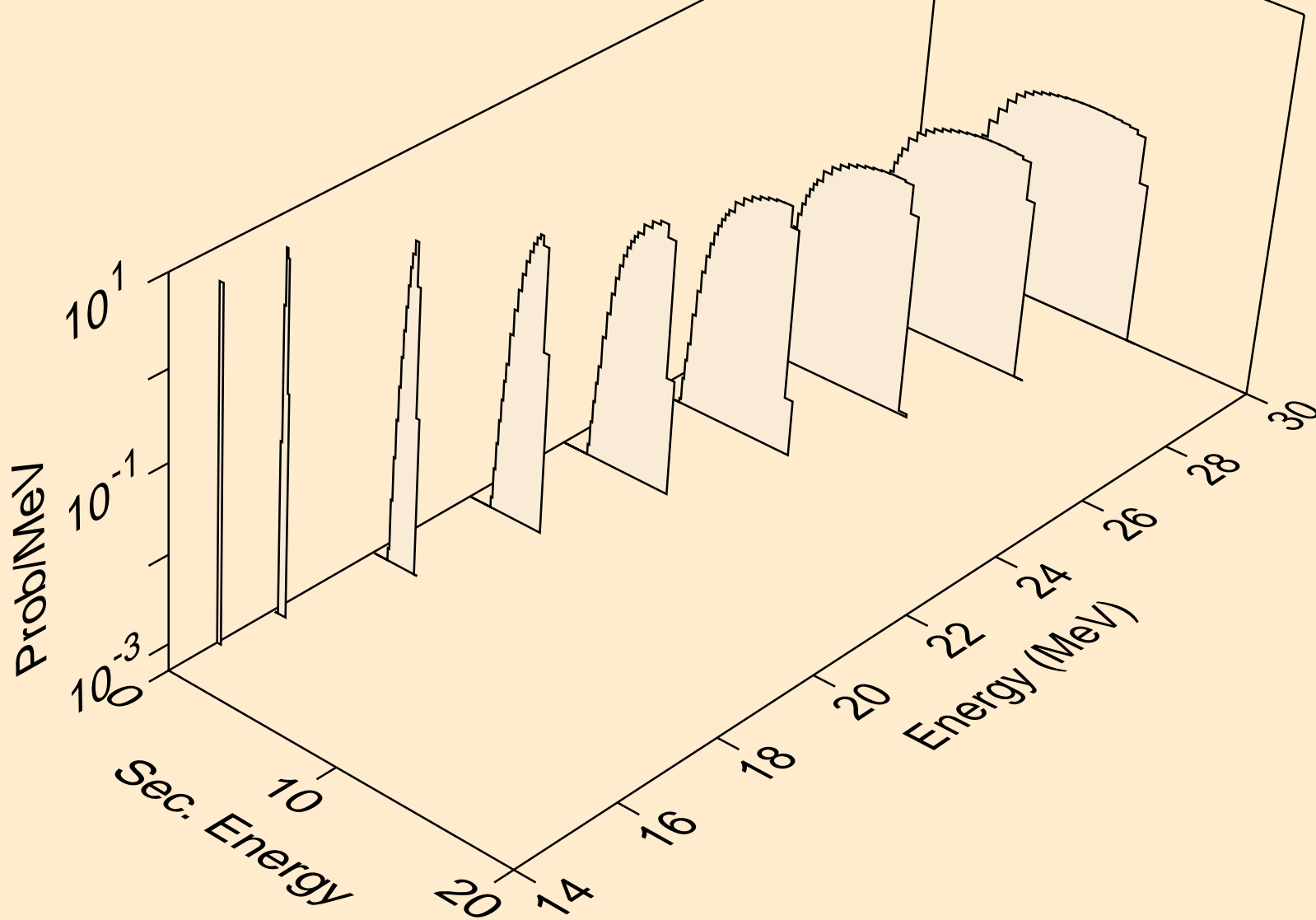
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



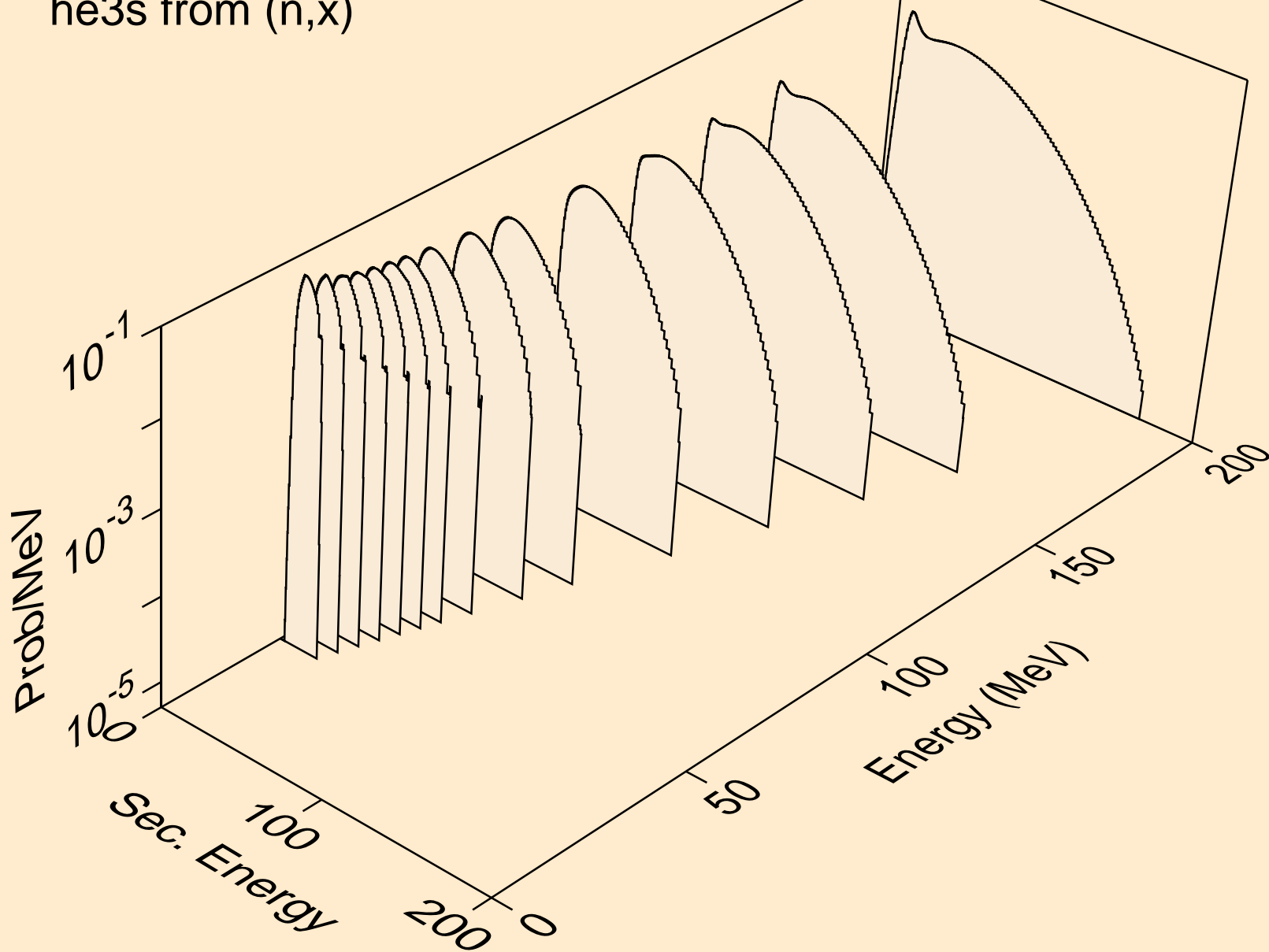
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tritons from (n,t)



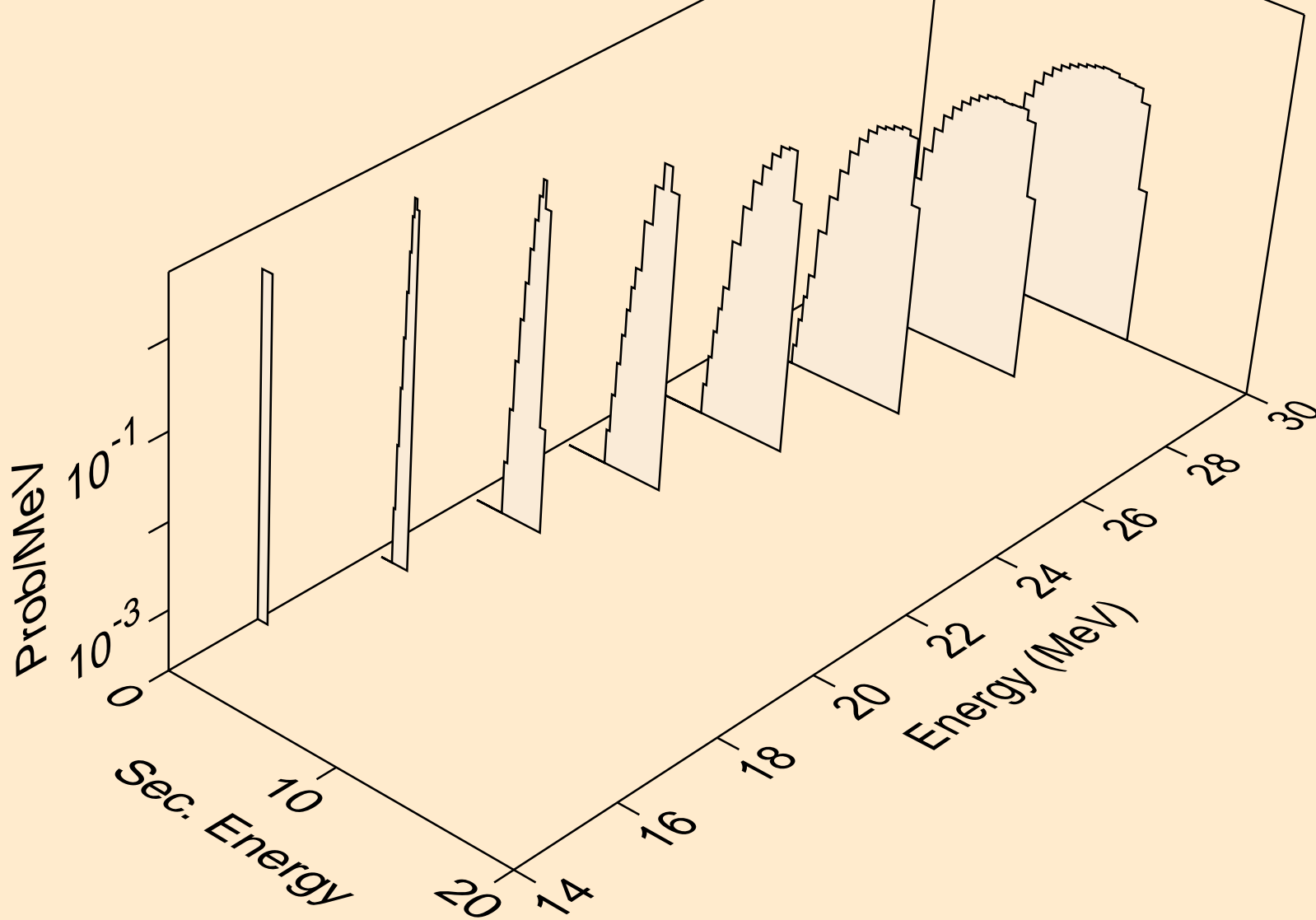
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

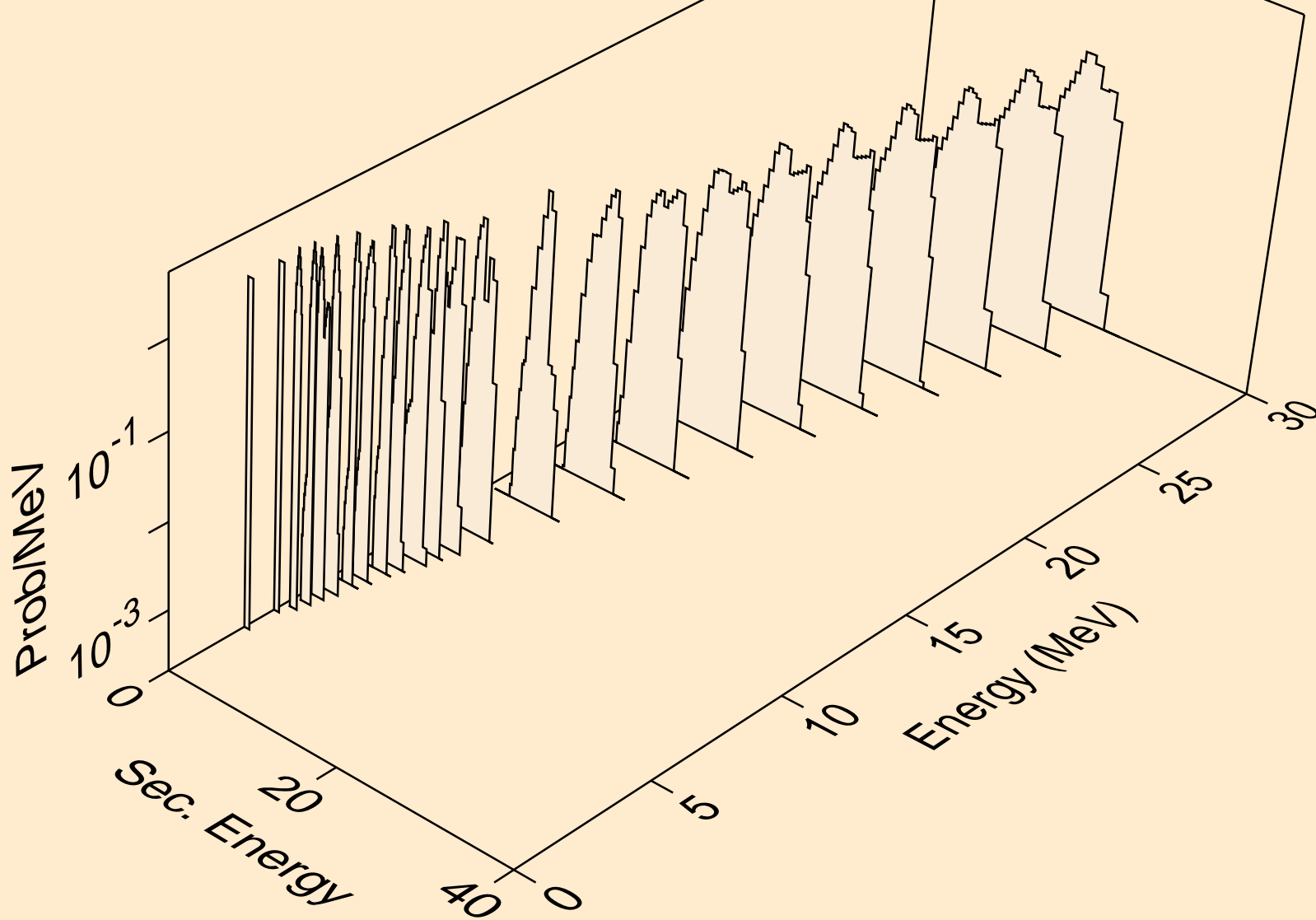


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he3s from (n,n\*)he3

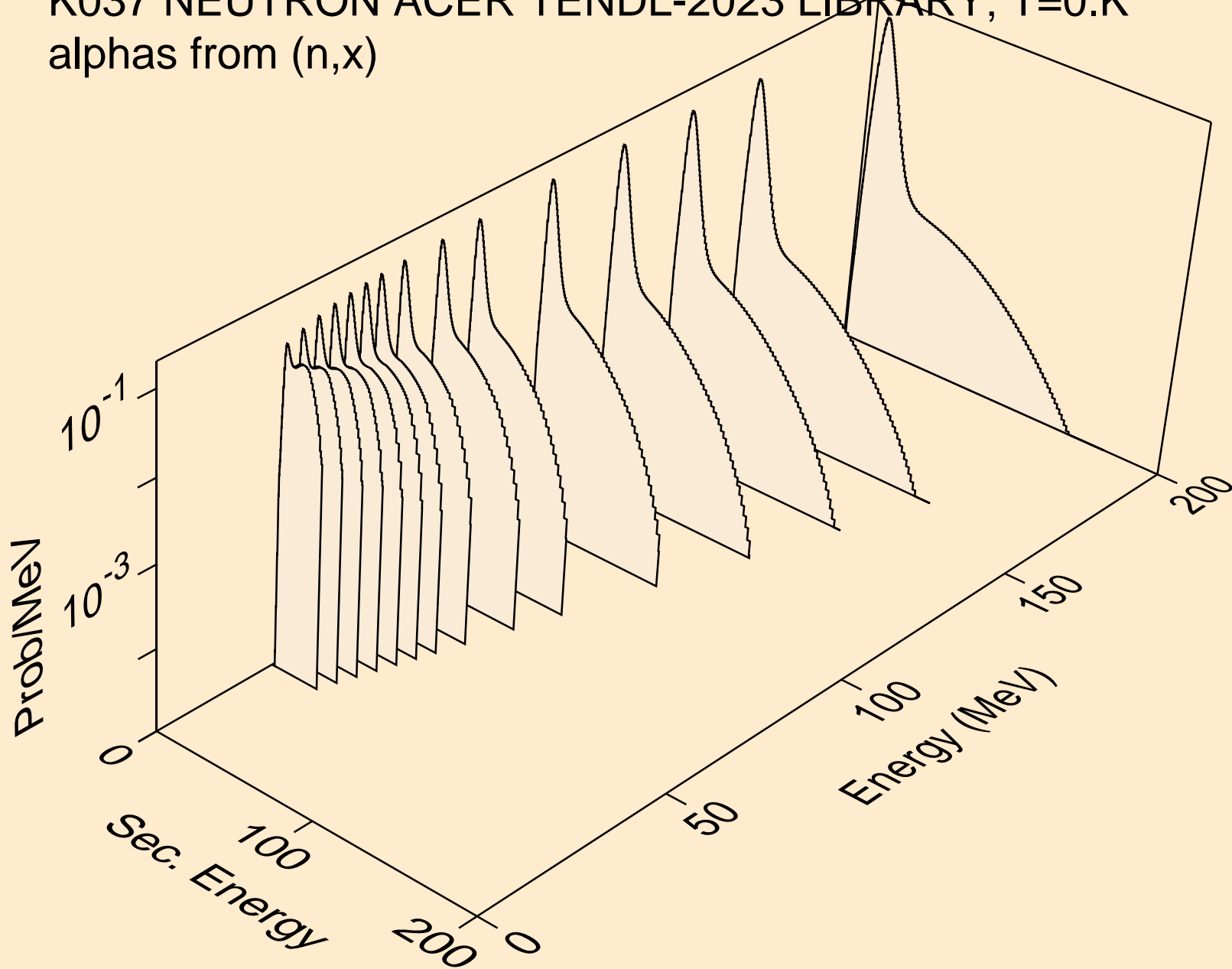




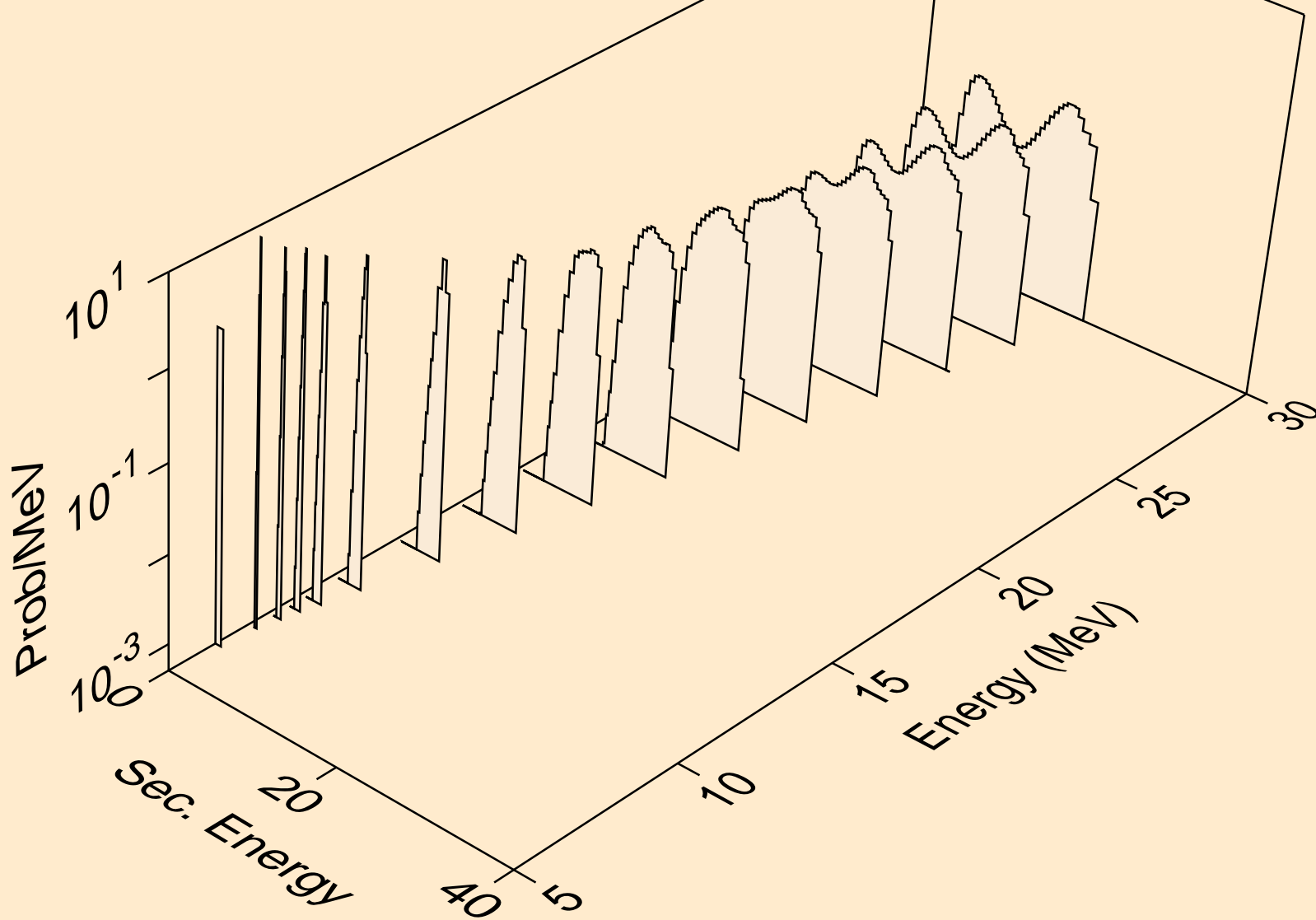
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he3s from (n,he3)



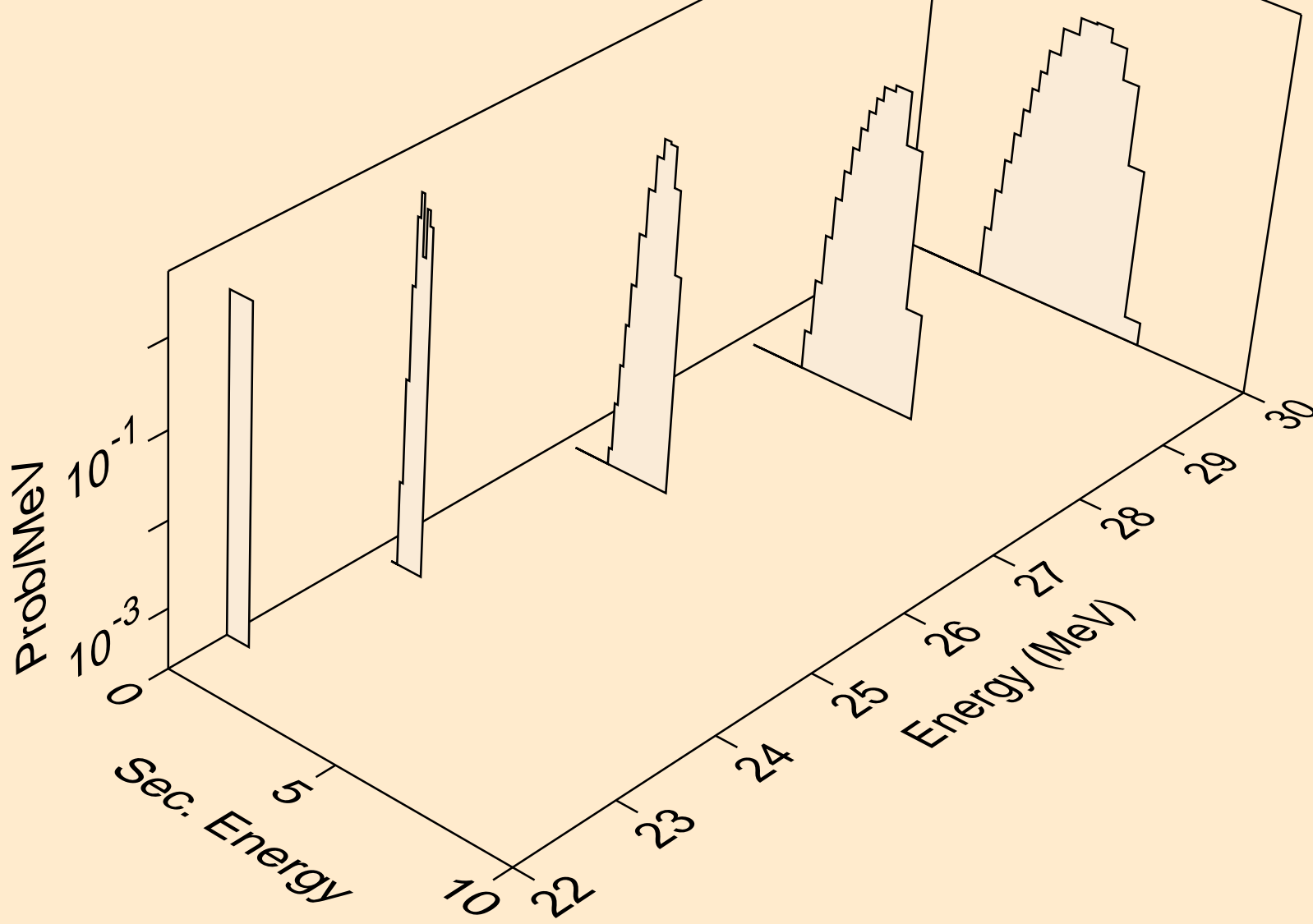
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



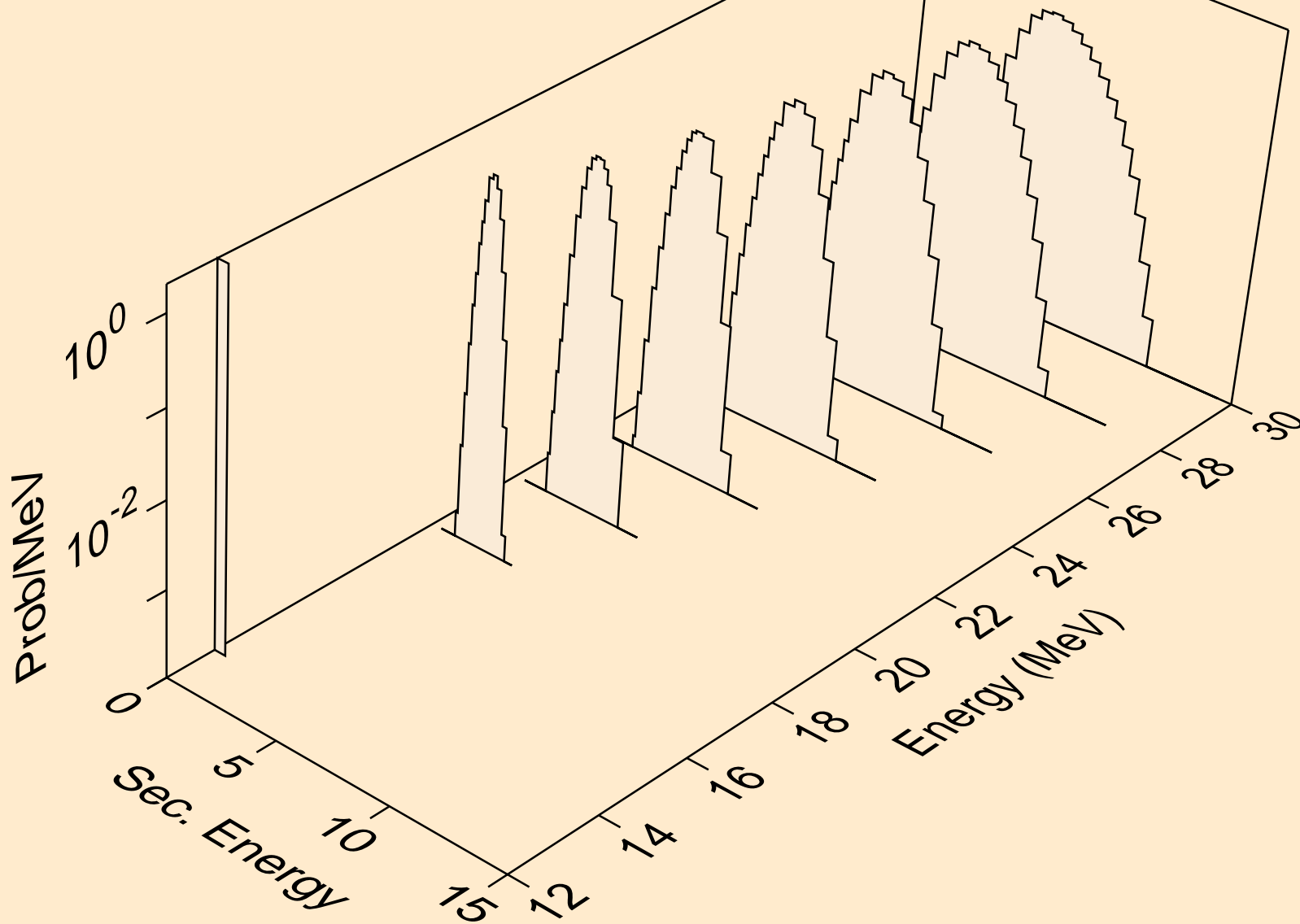
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



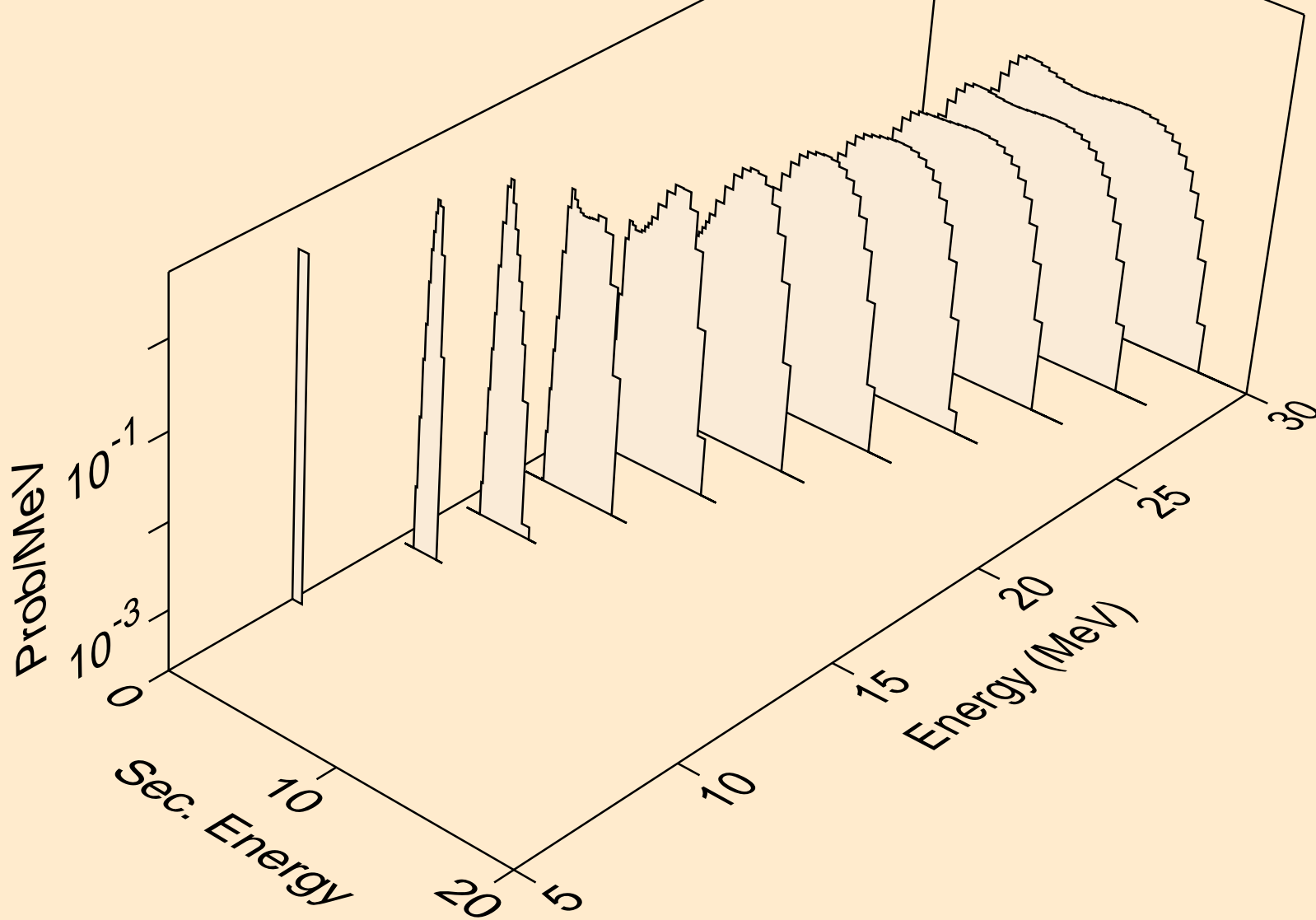
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alphas from (n,2n)a



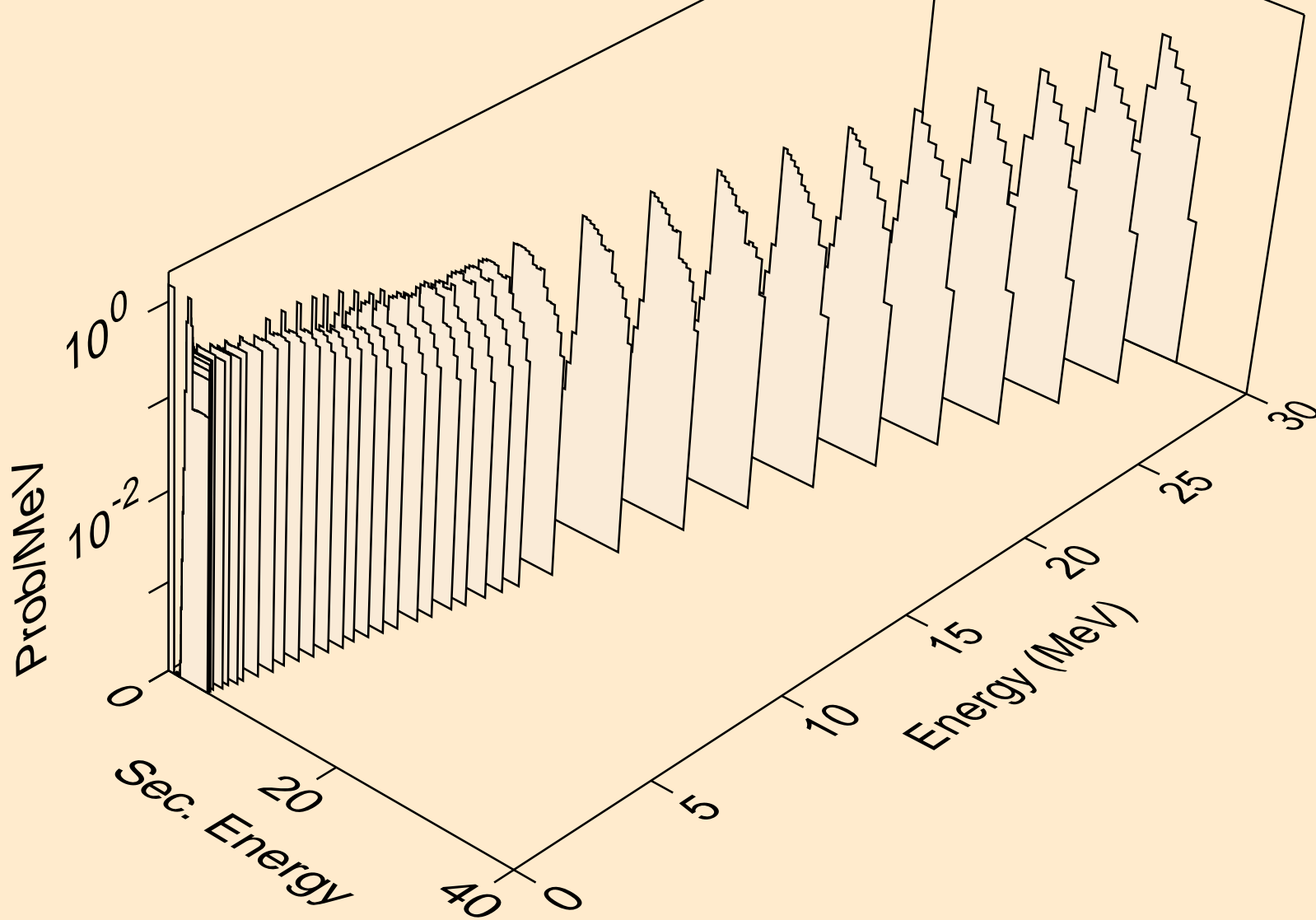
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



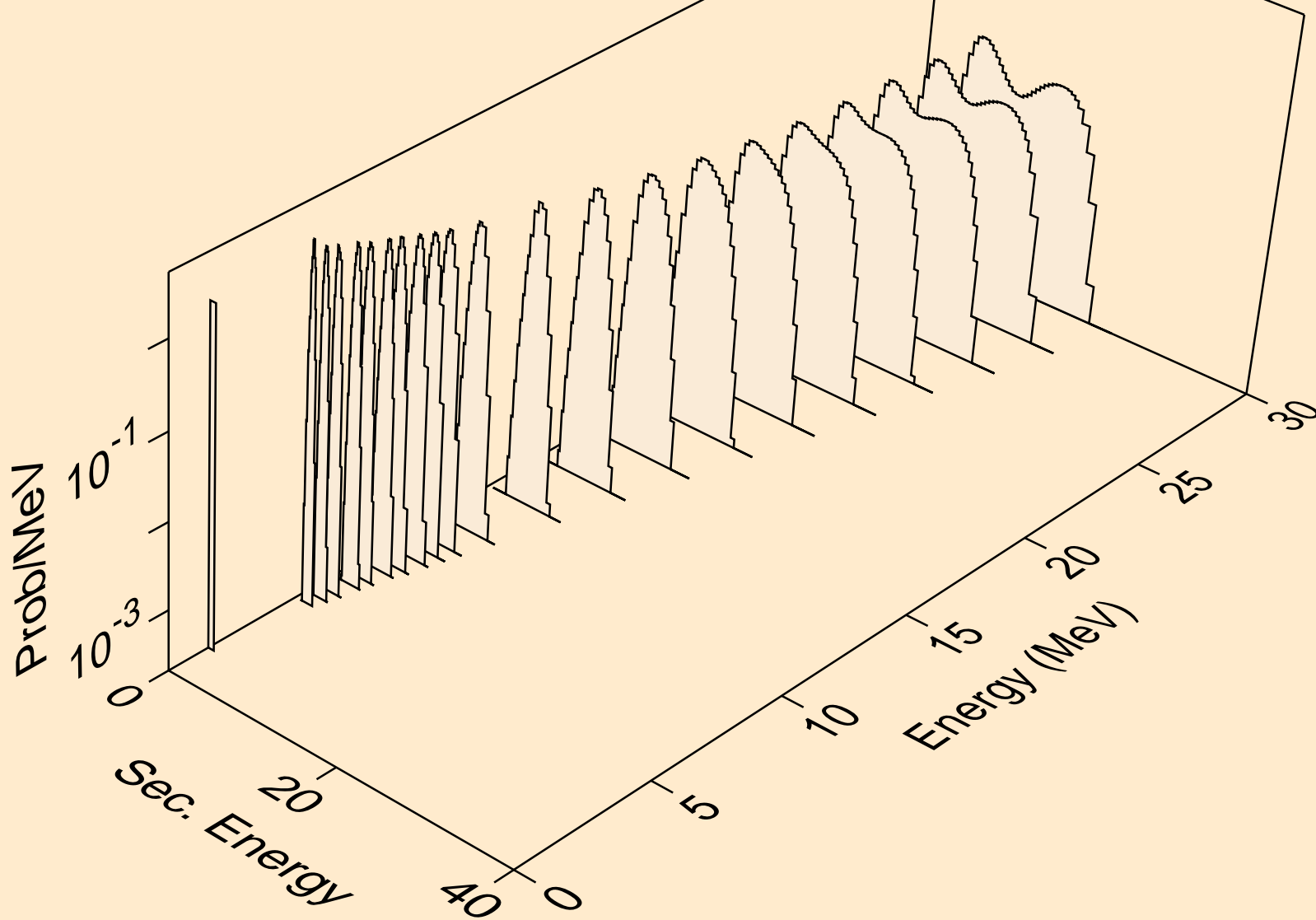
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

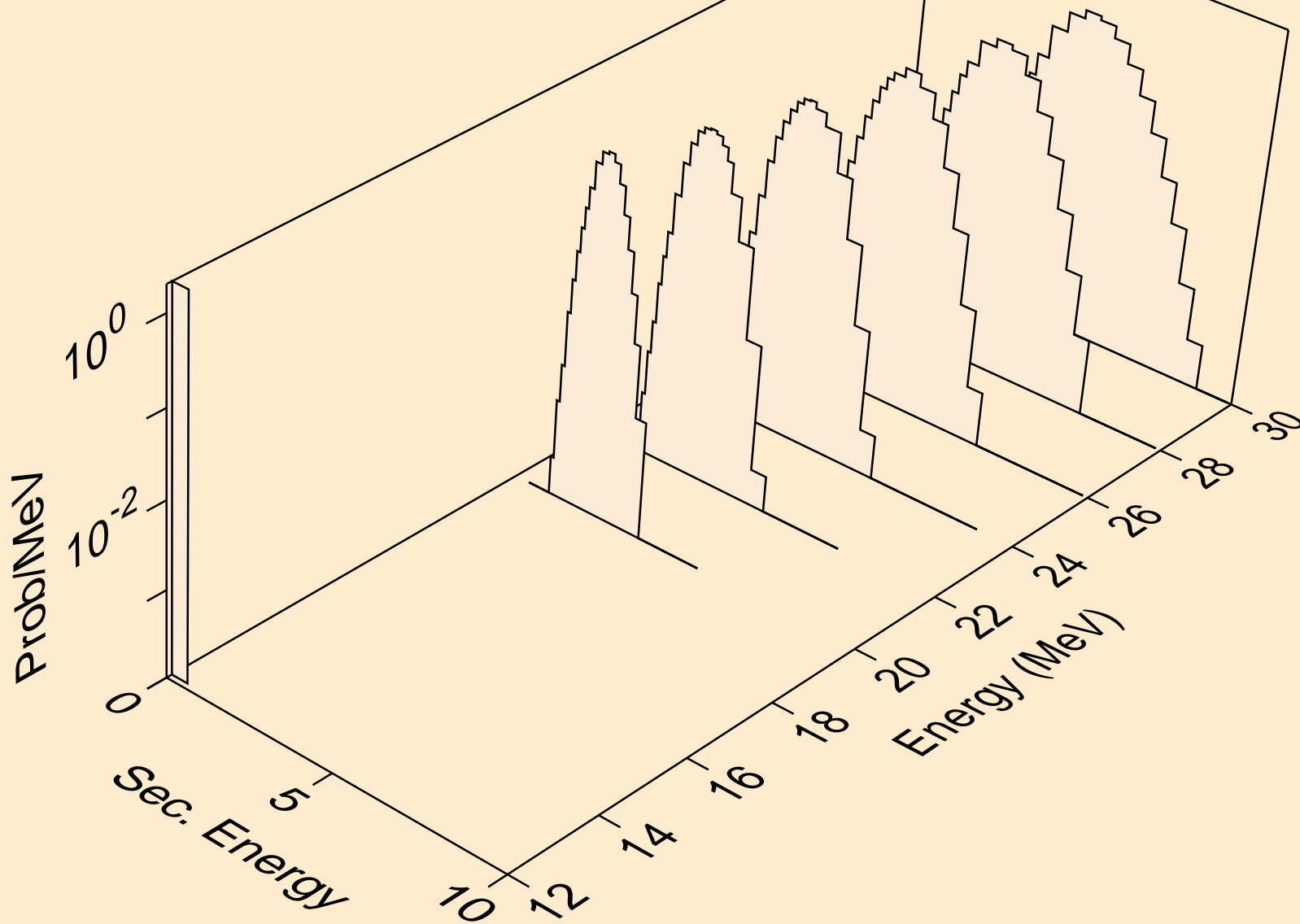


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alphas from (n,2a)

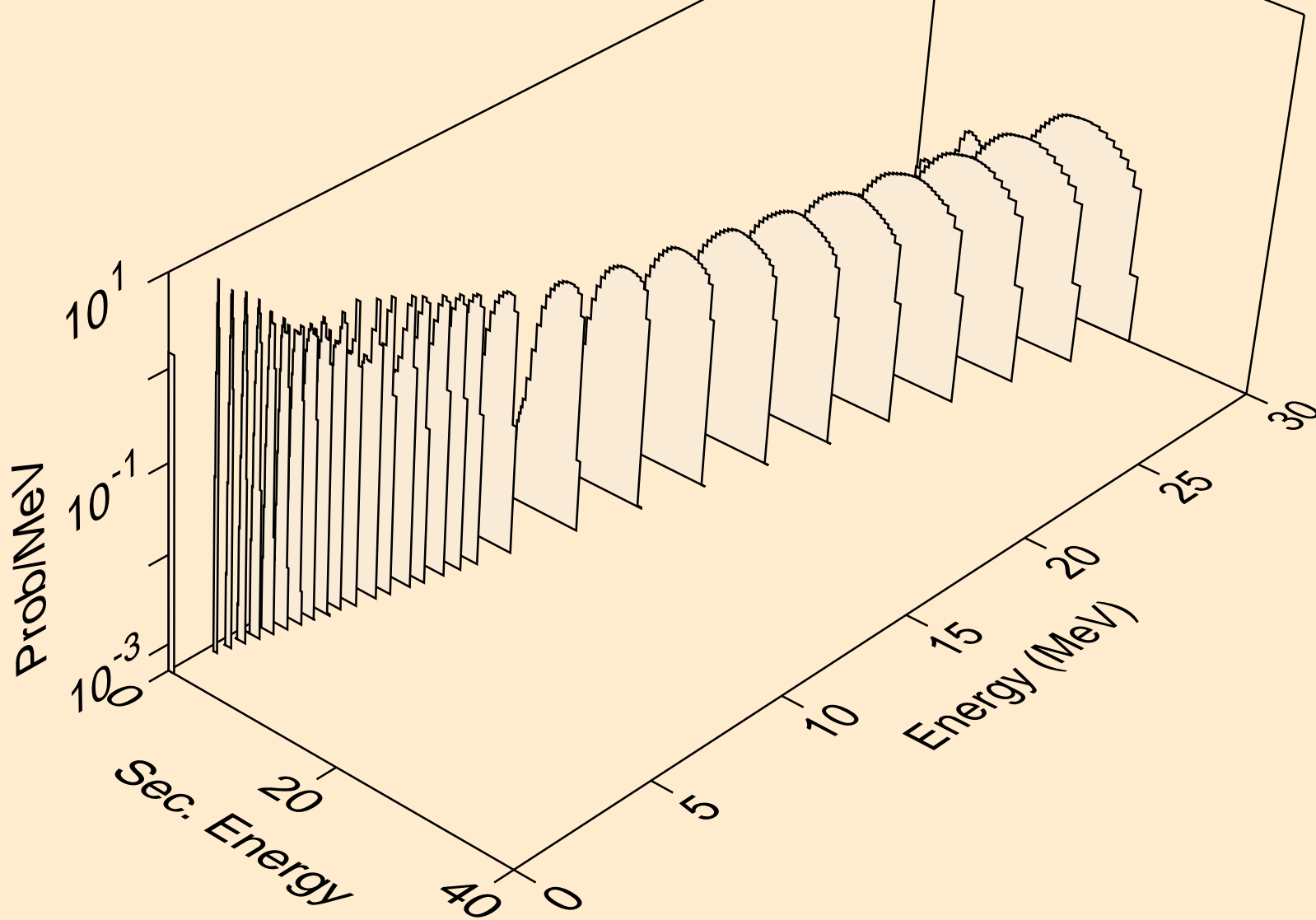




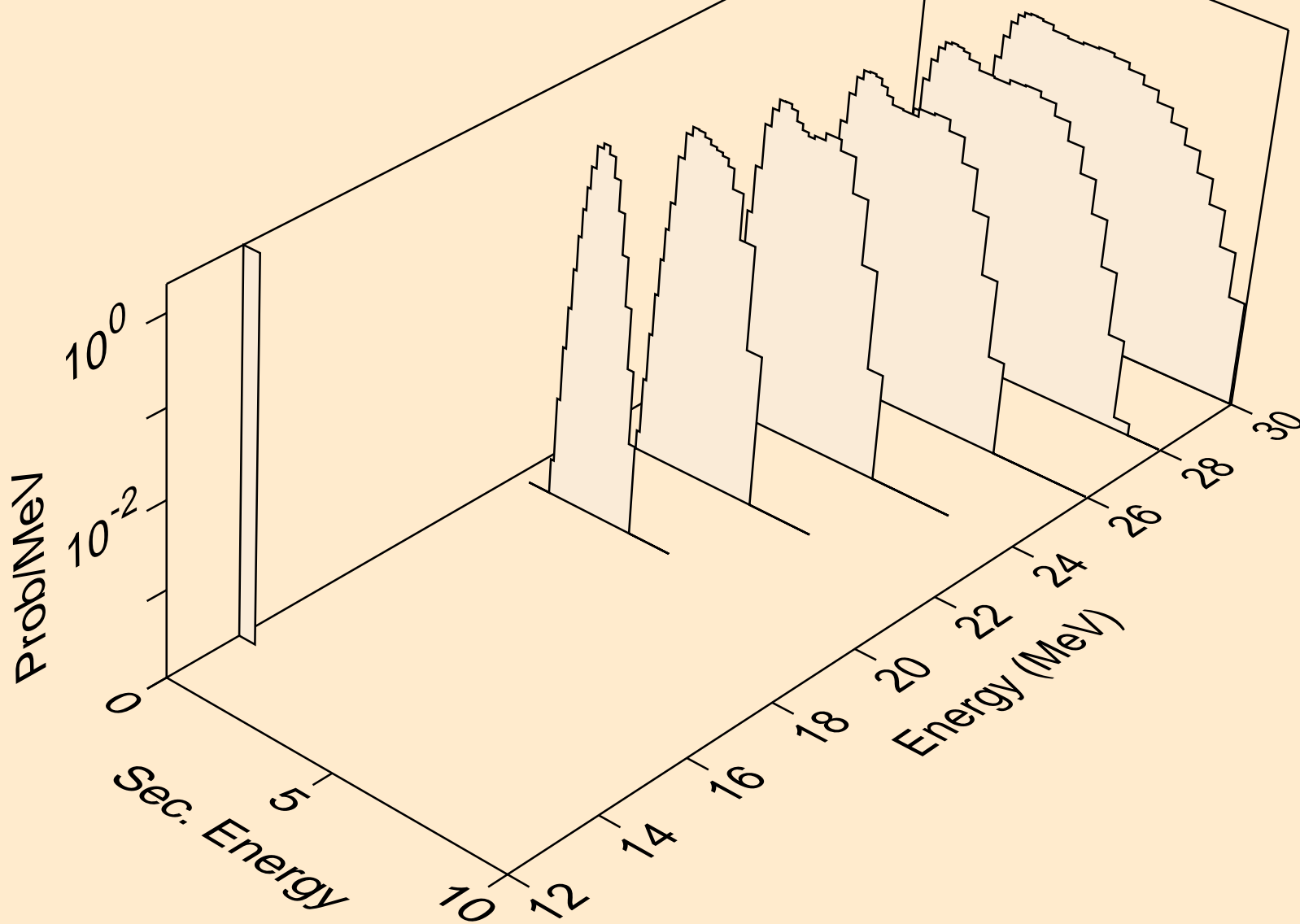
K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)



K037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

