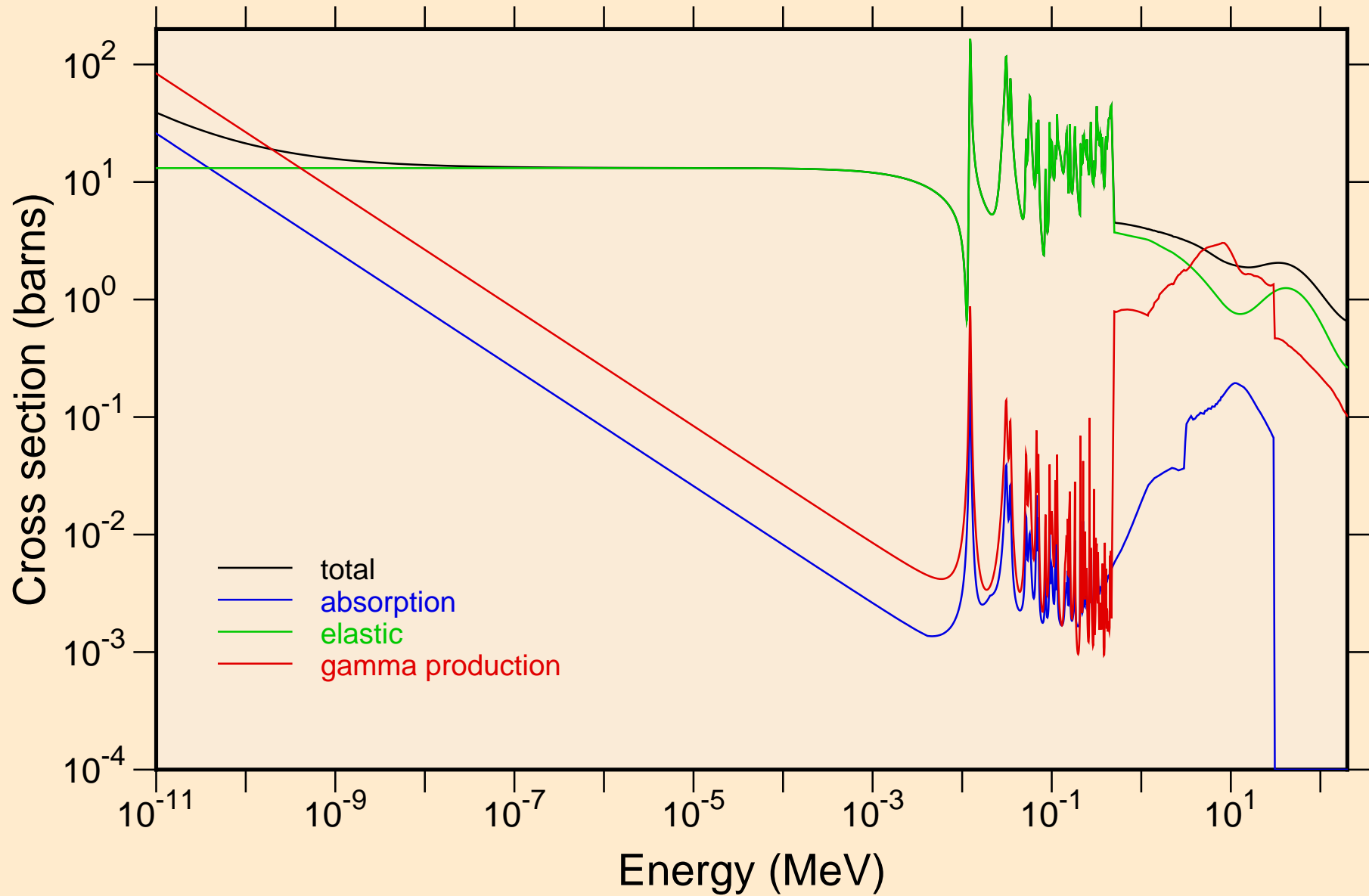
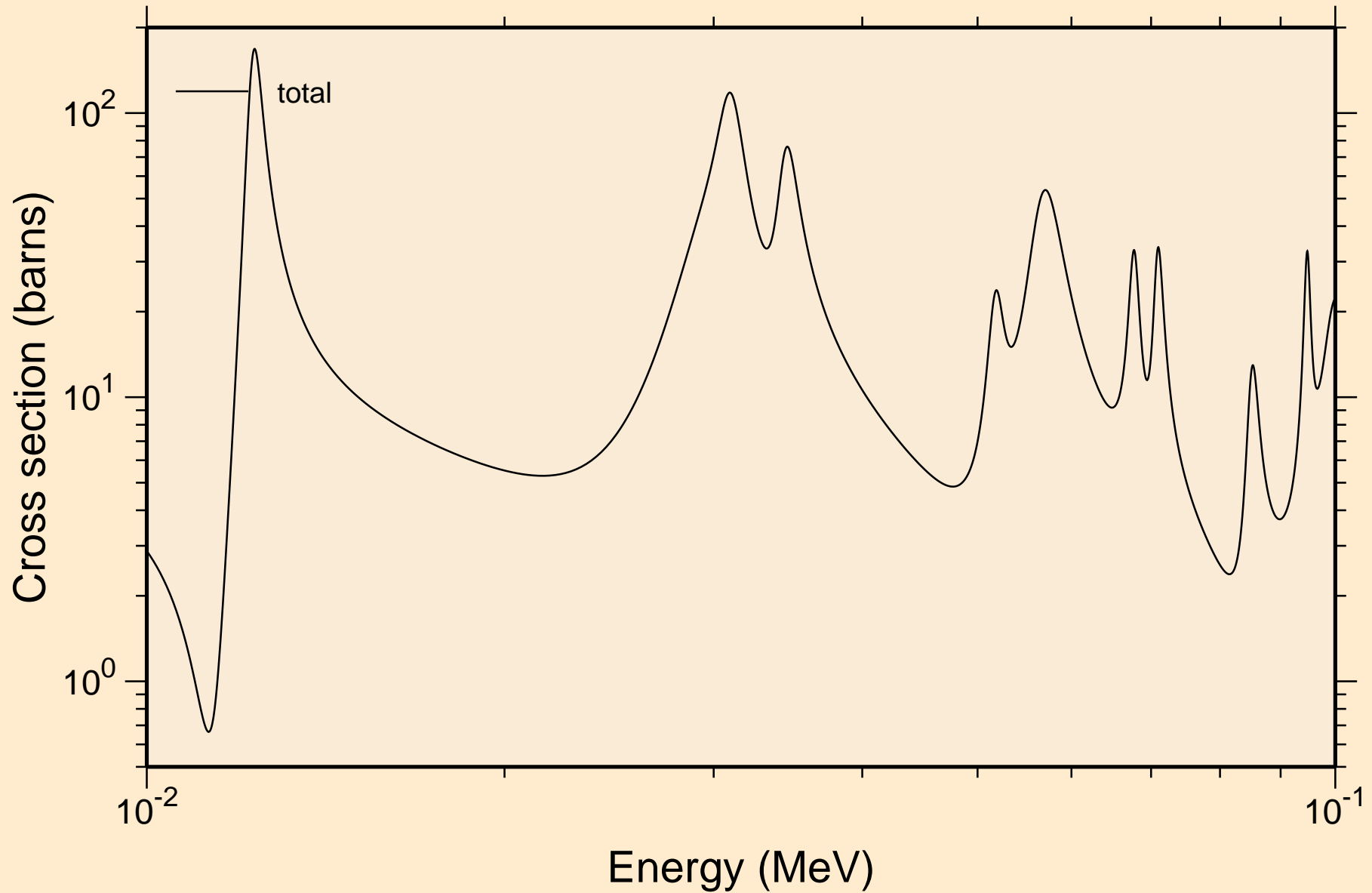


# P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

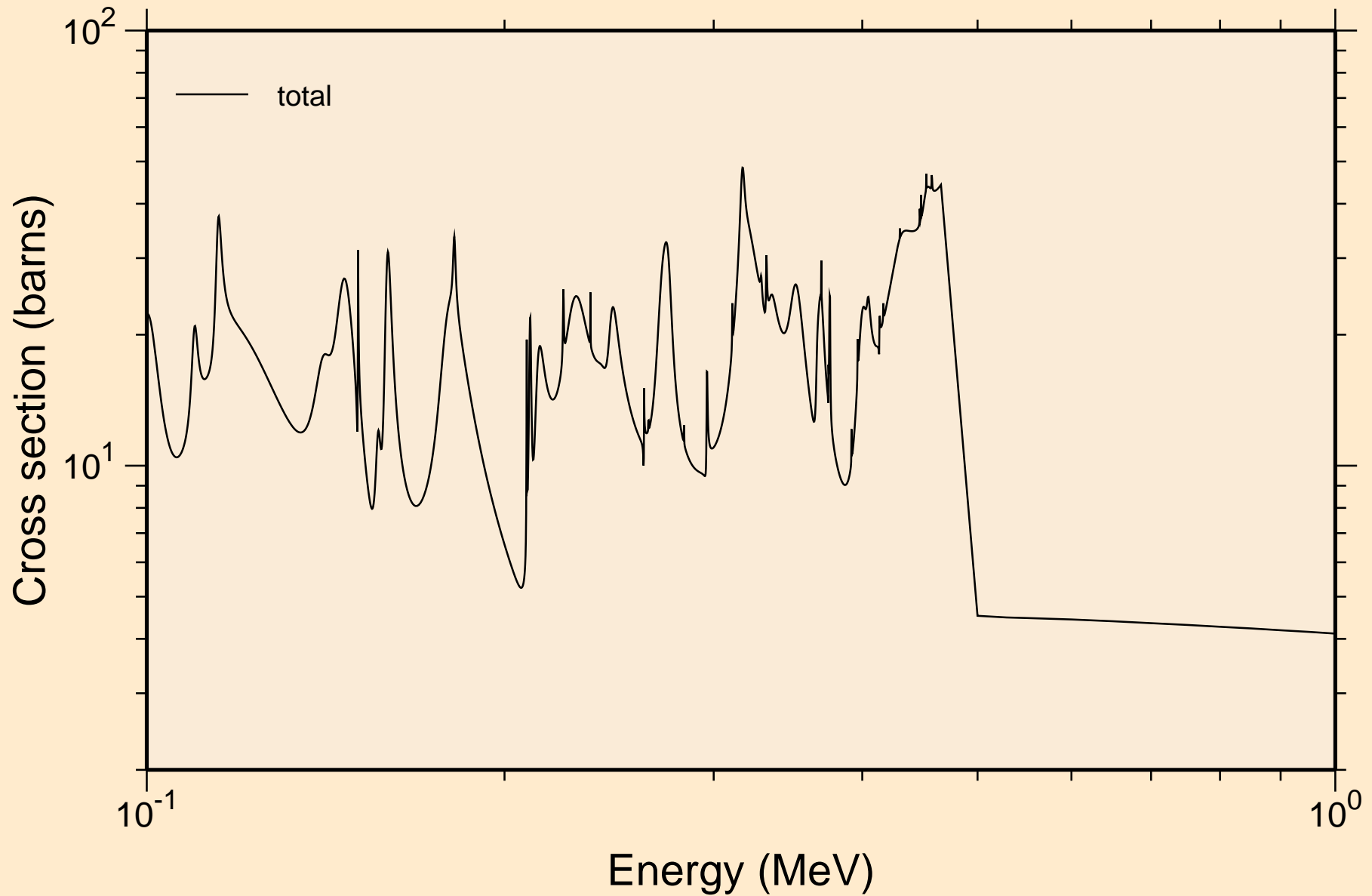
## Principal cross sections



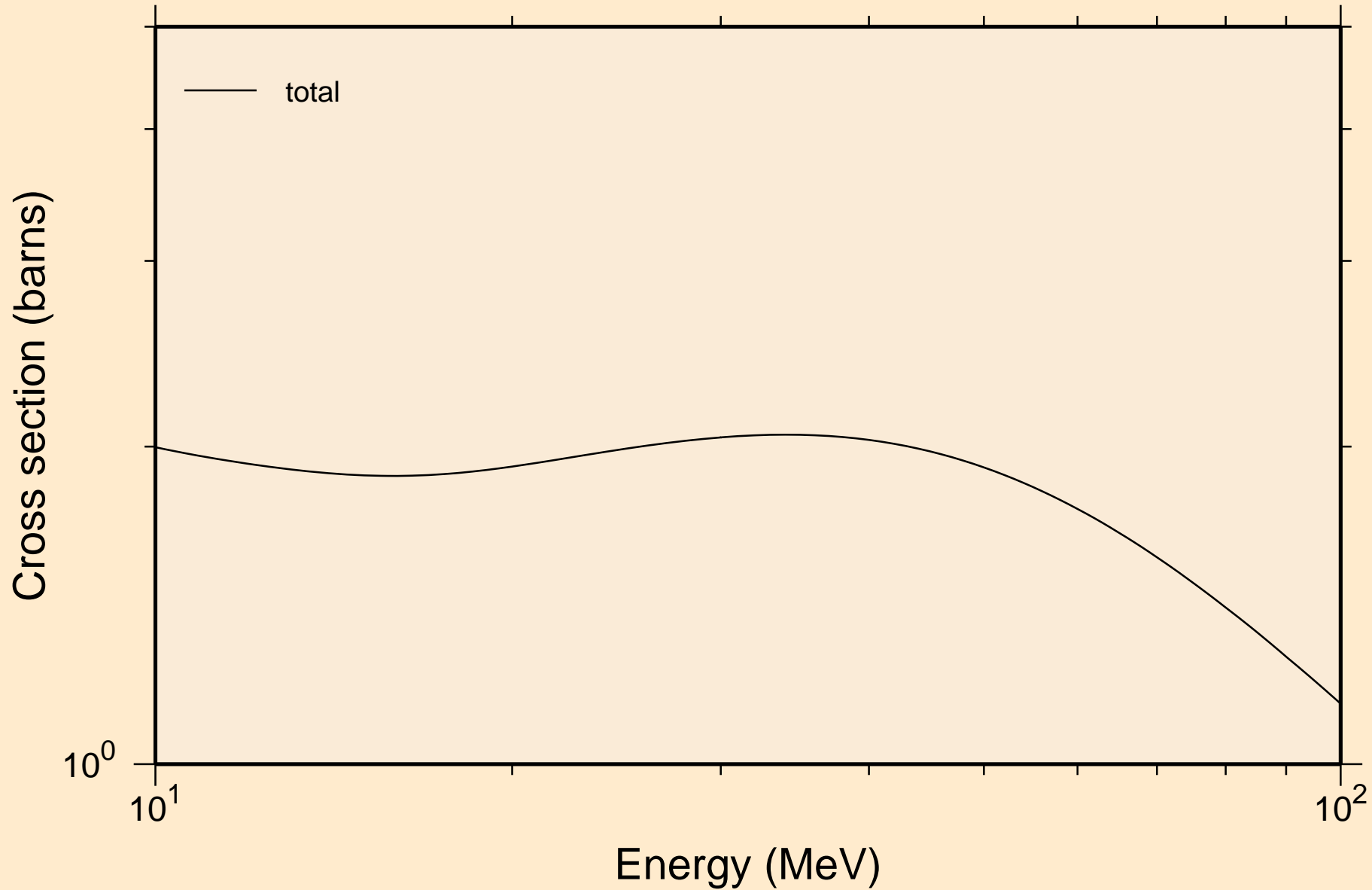
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resonance total cross section



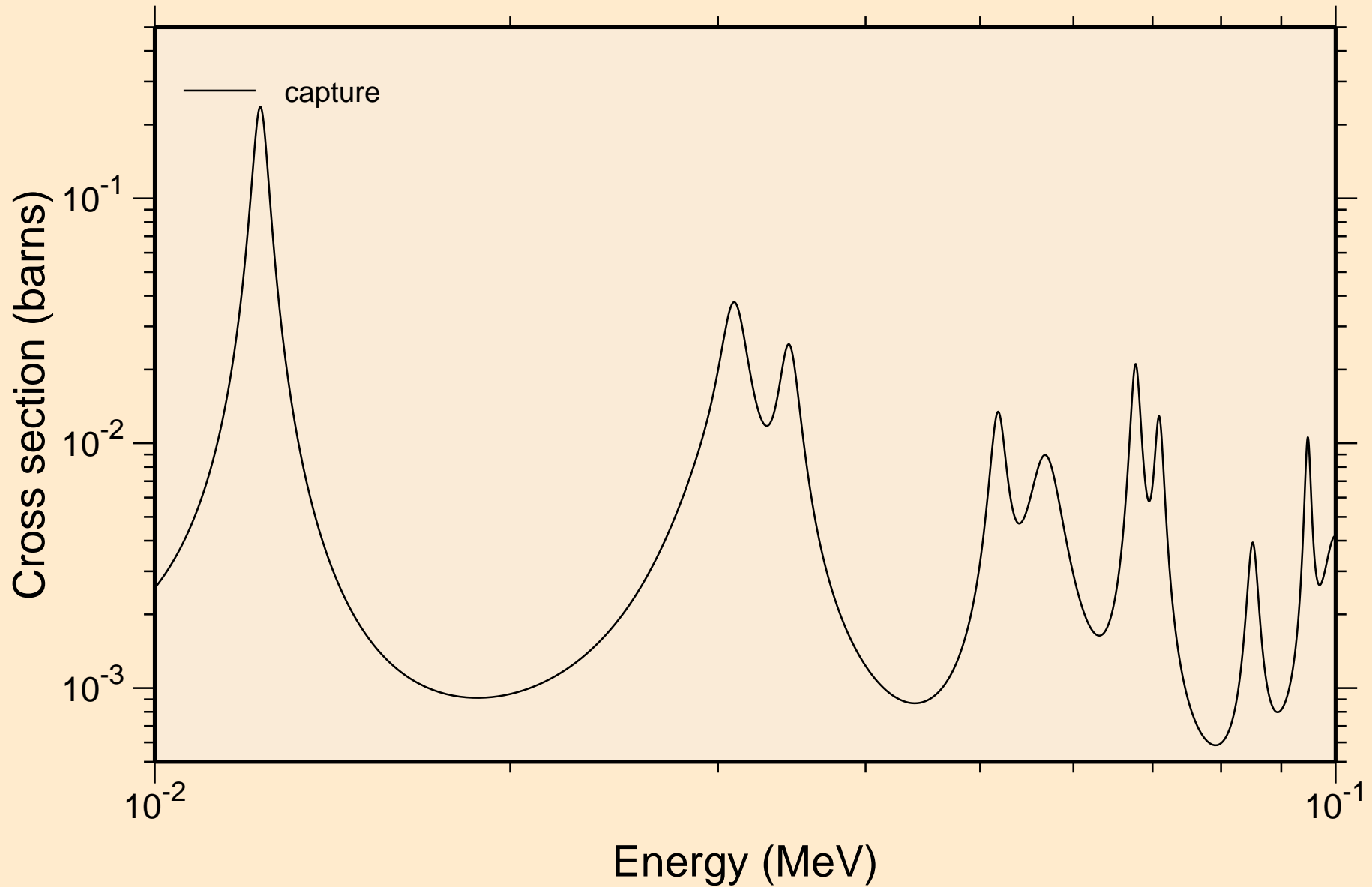
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resonance total cross section



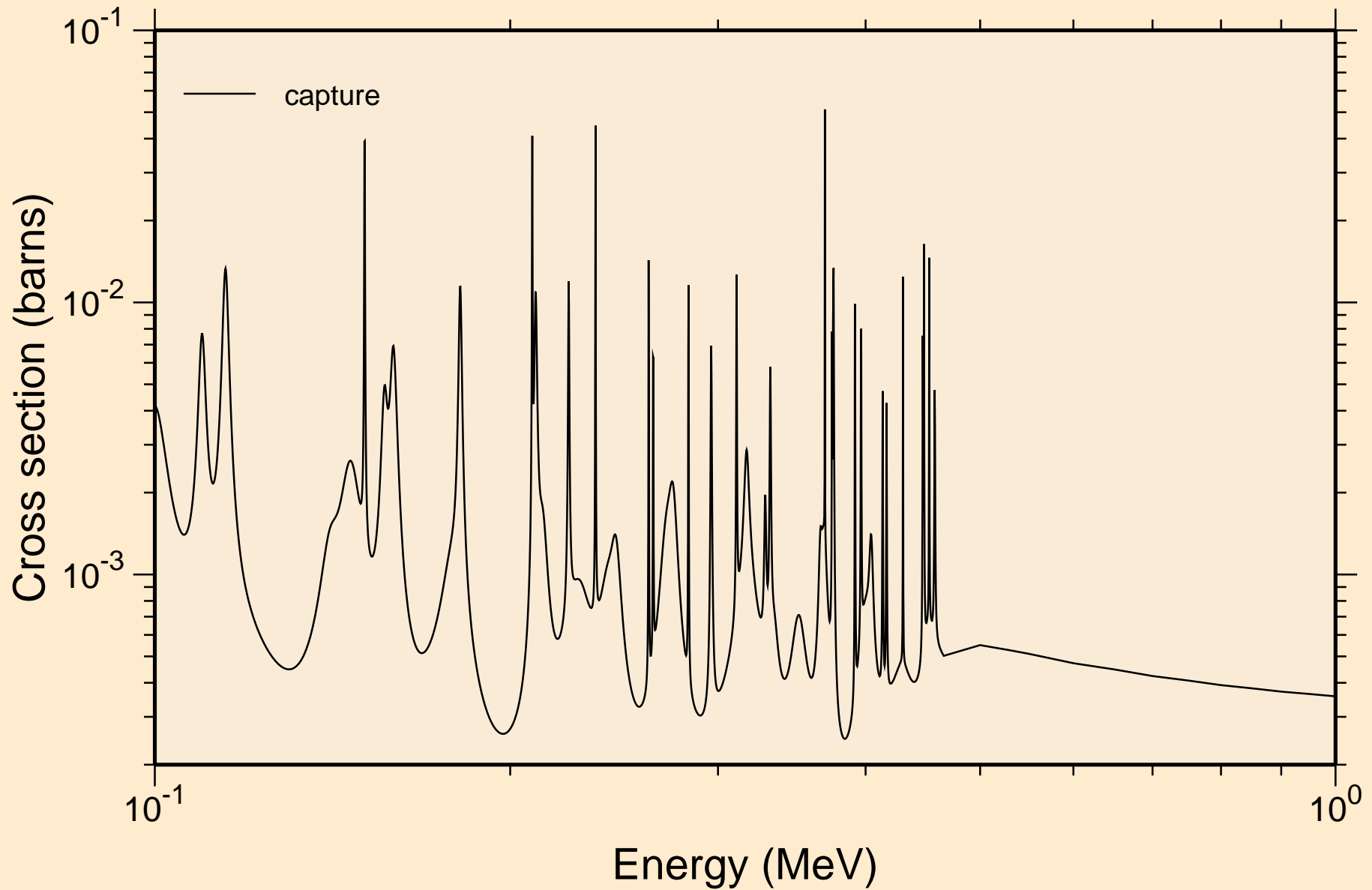
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resonance total cross section



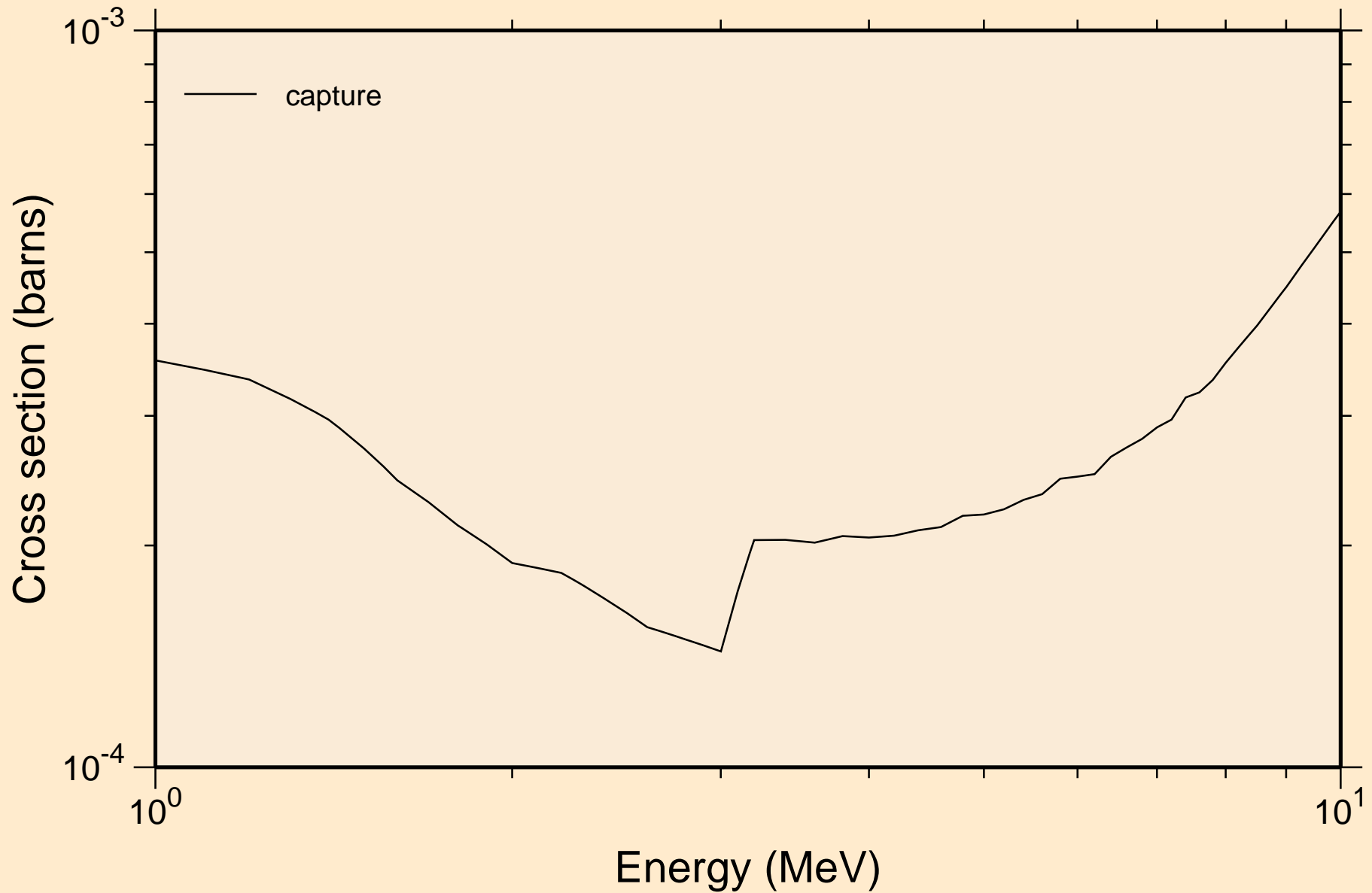
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

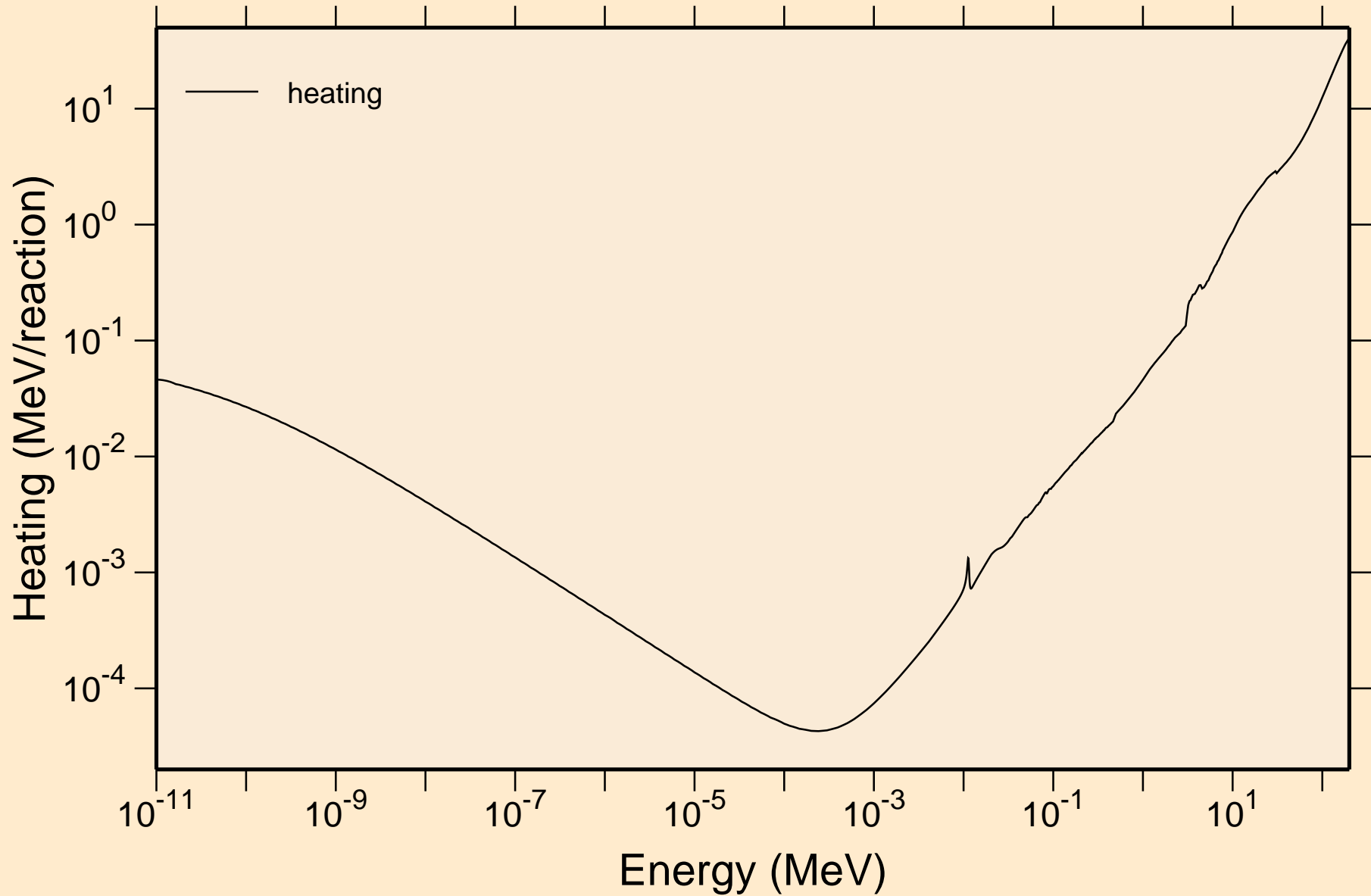


P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



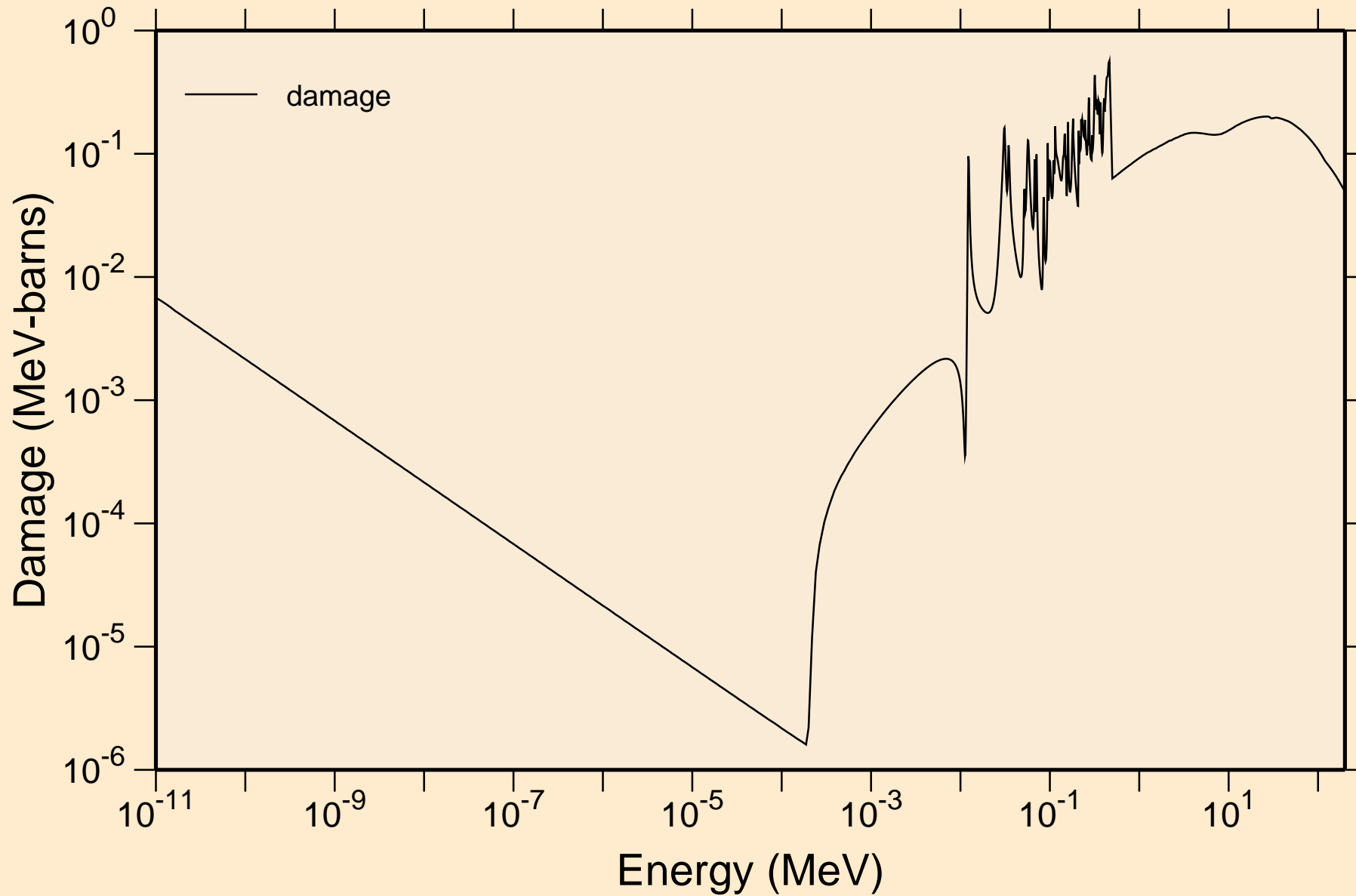
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## Heating

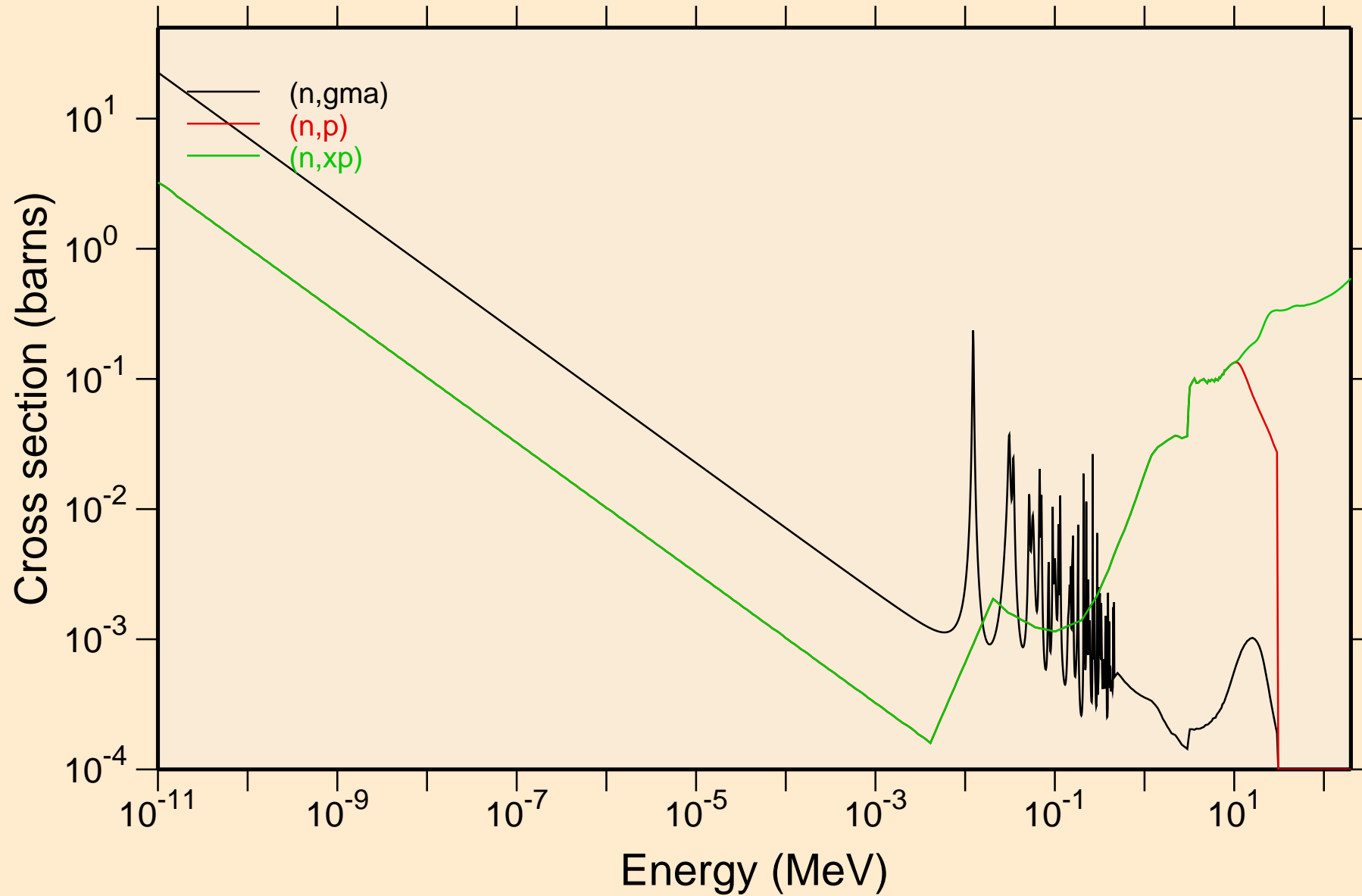




P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

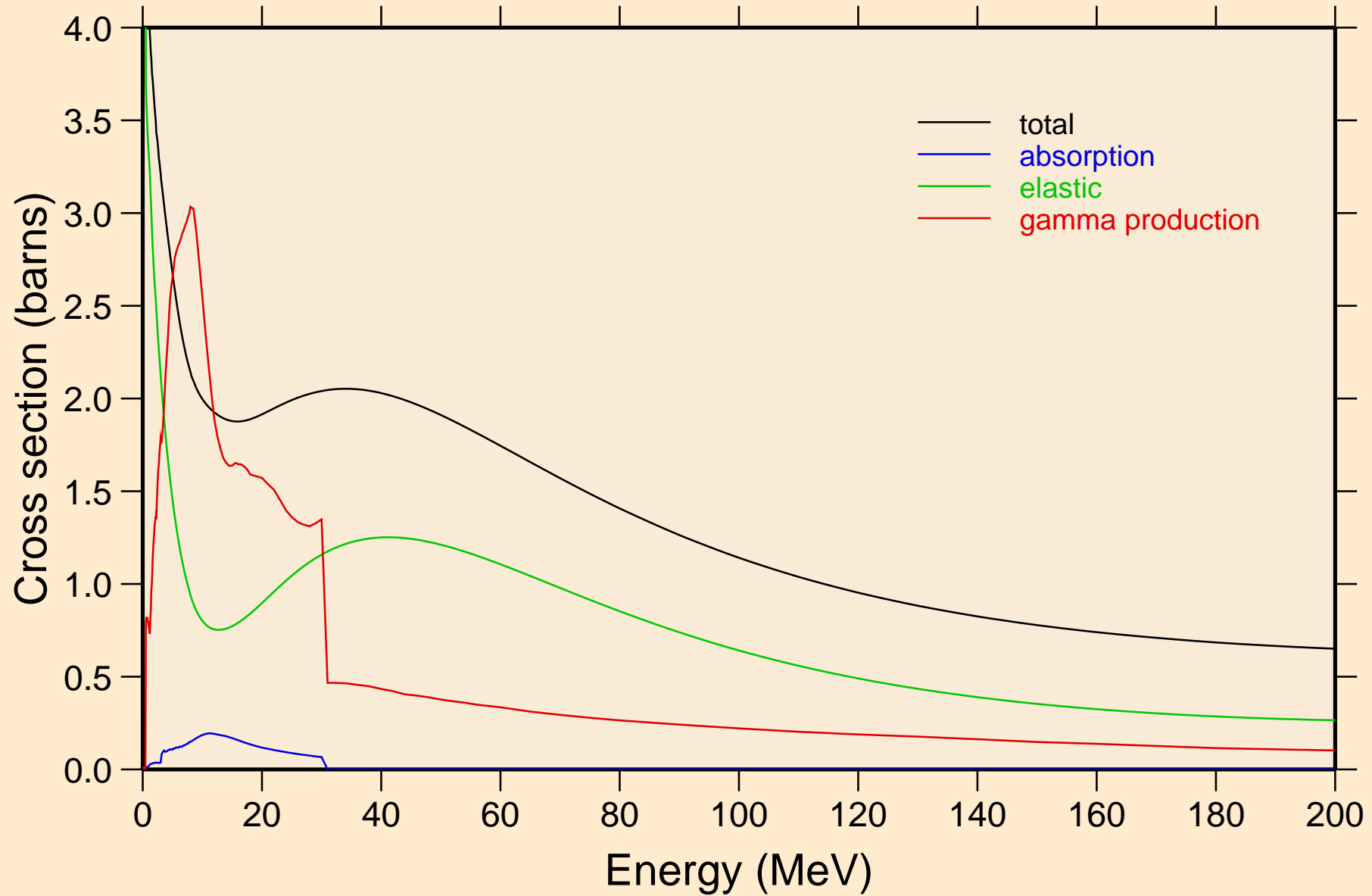


P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



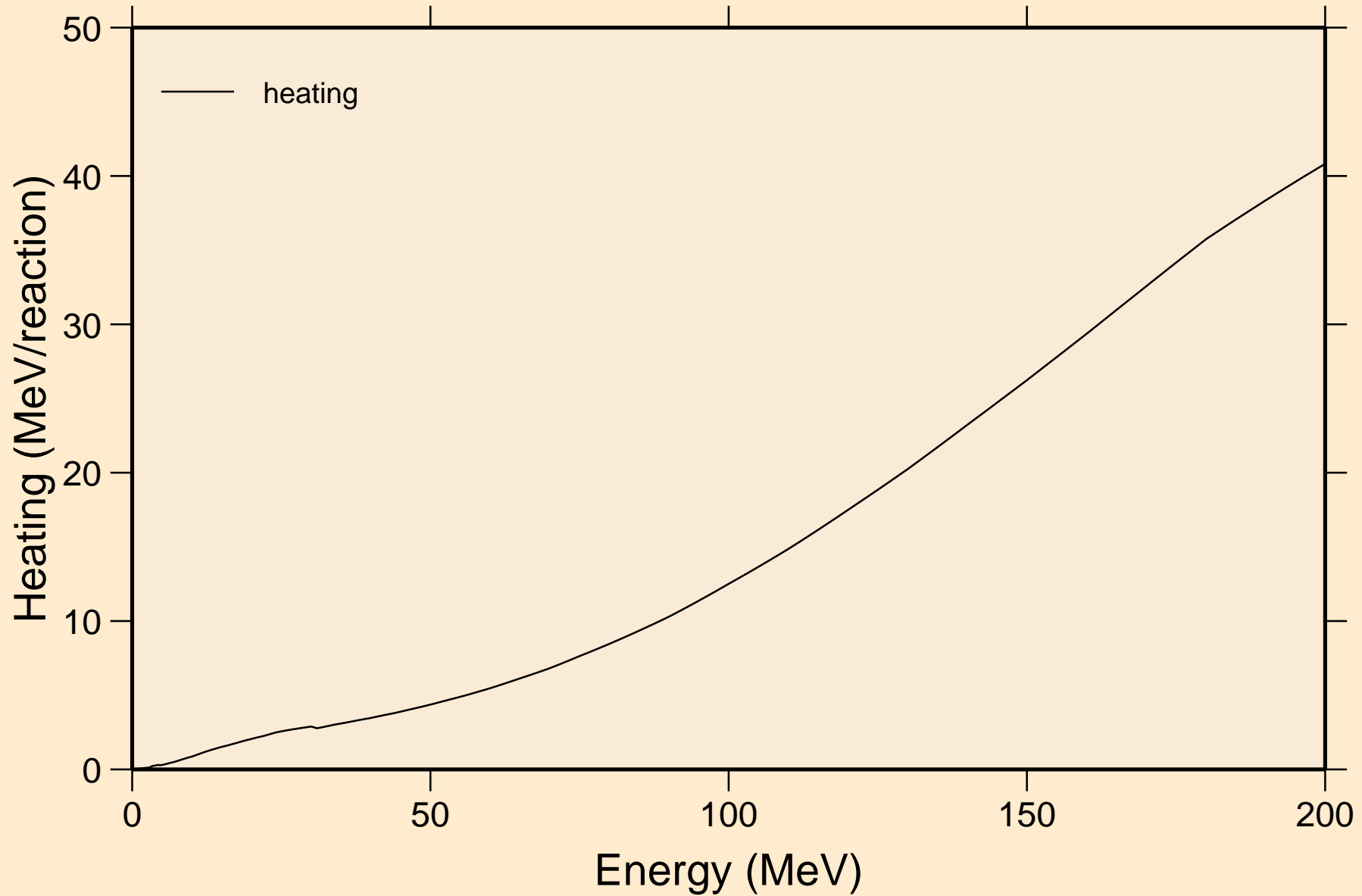
# P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



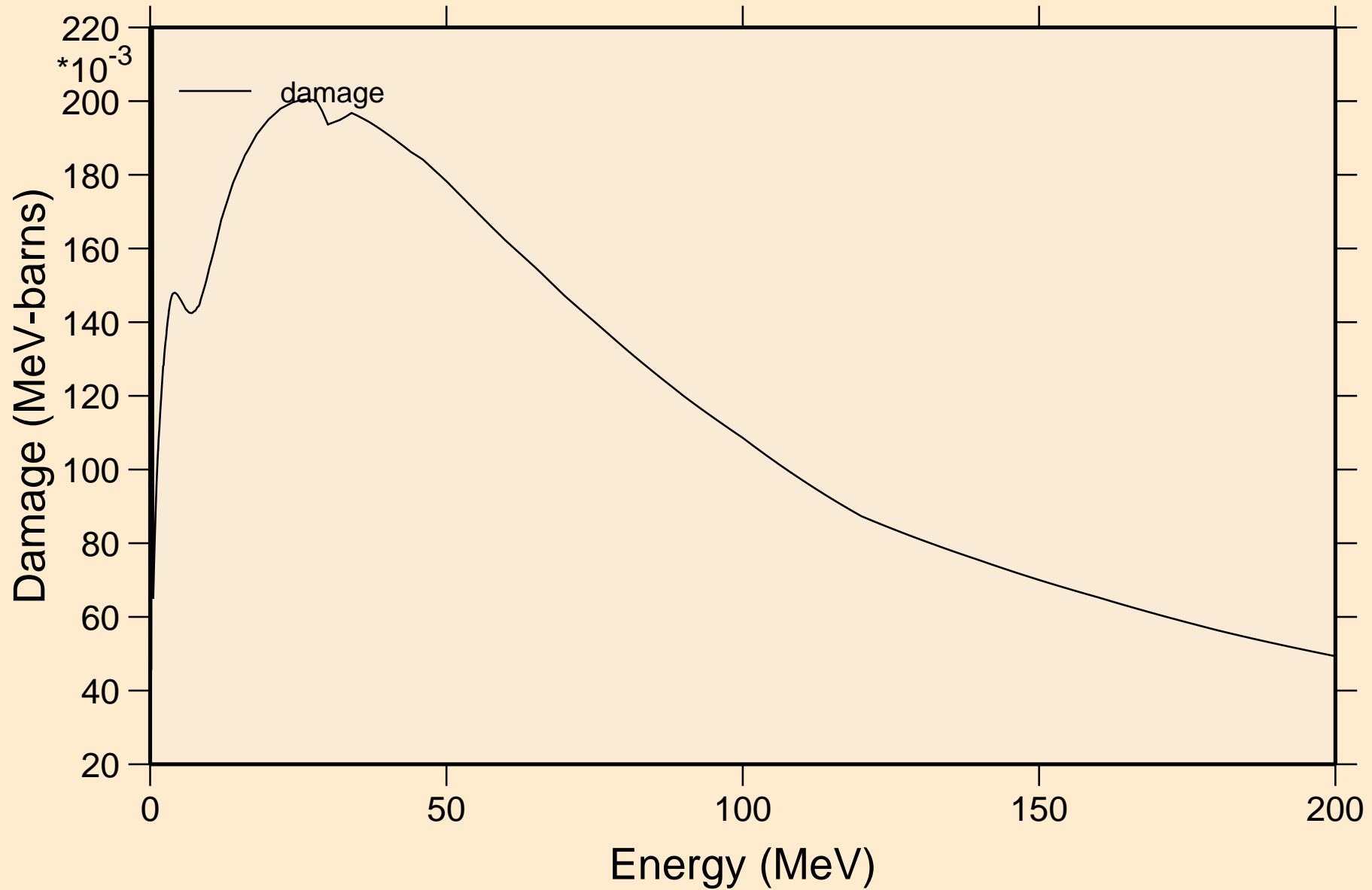
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

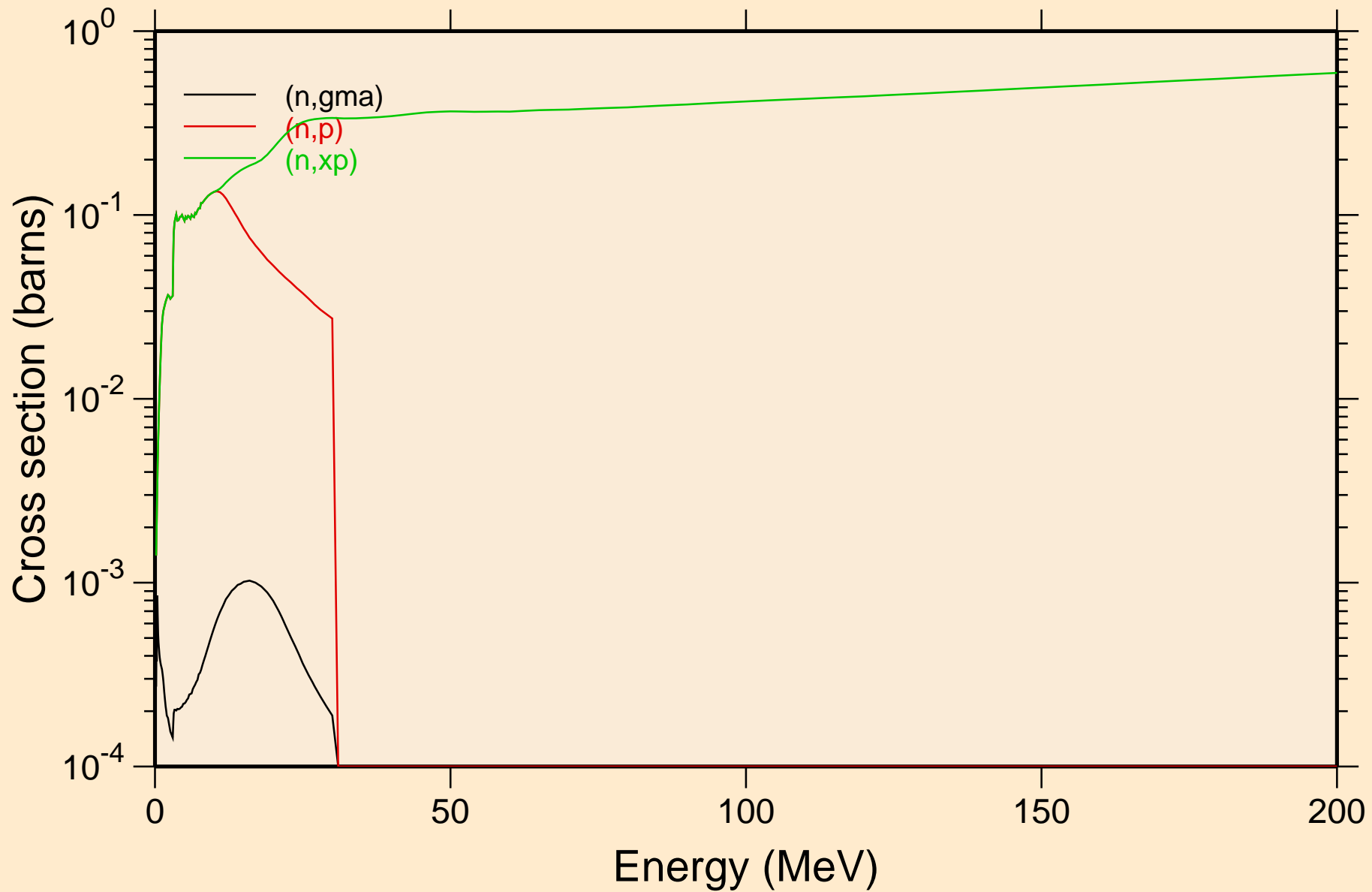


P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

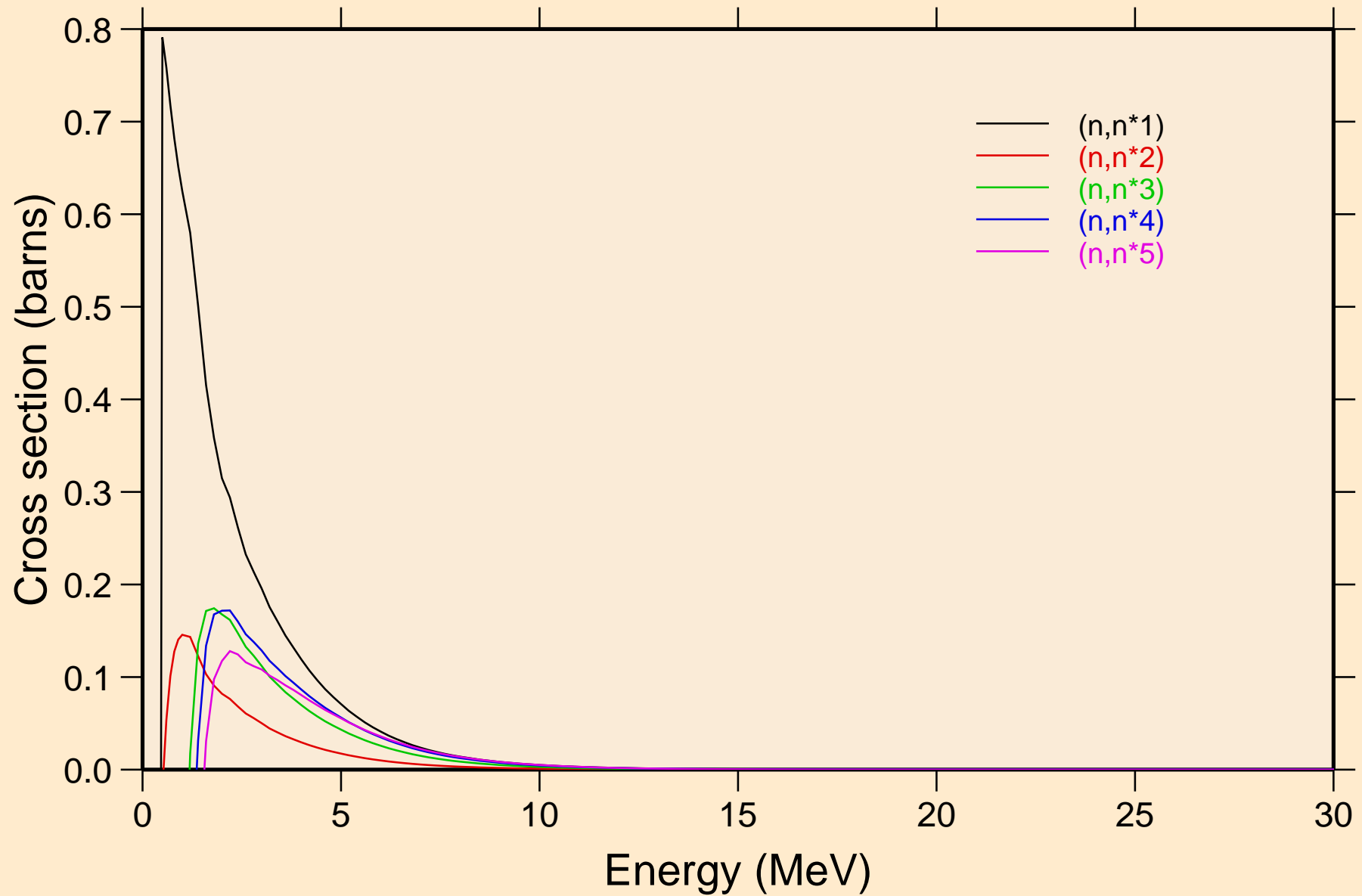
Damage



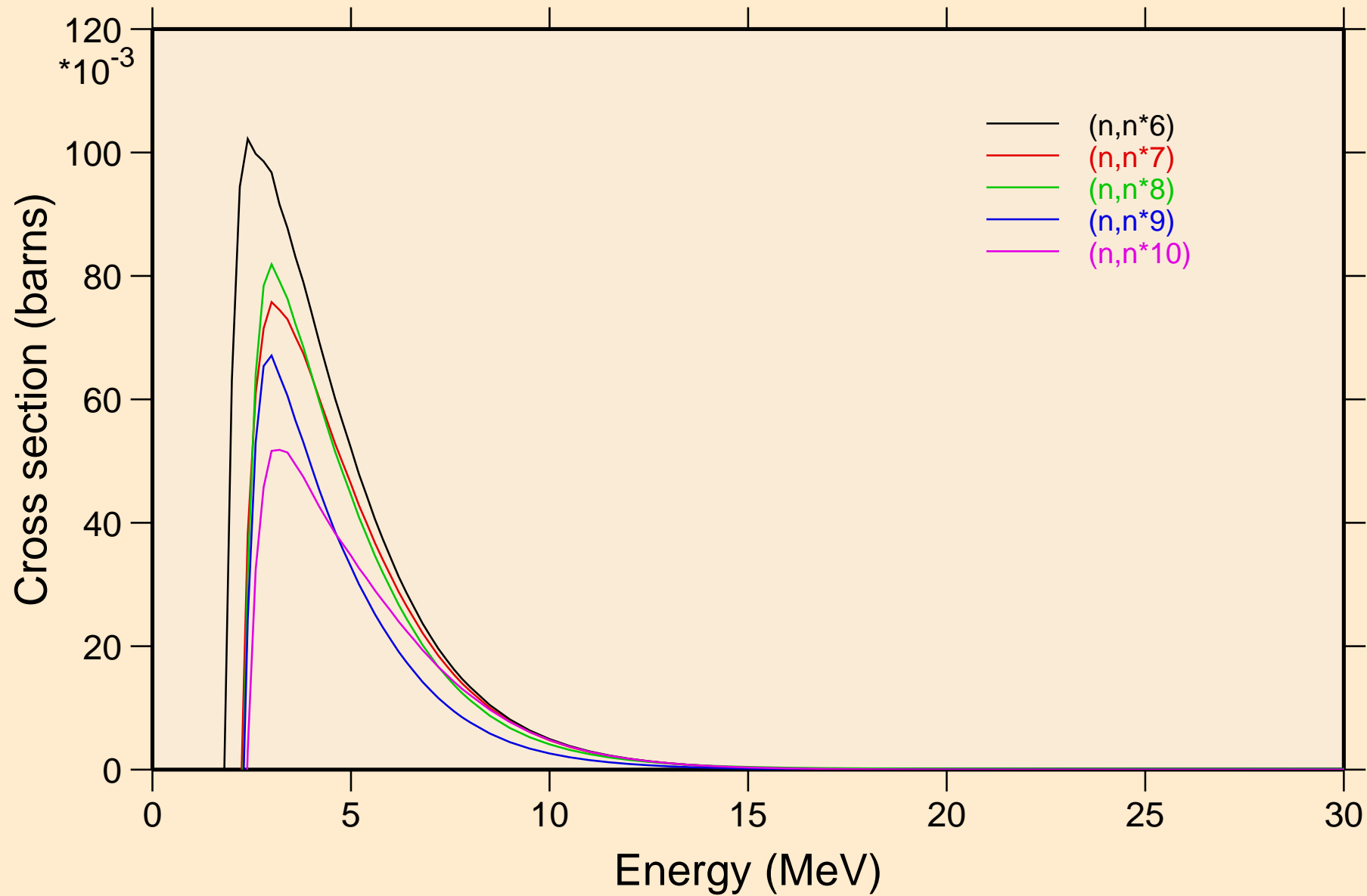
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

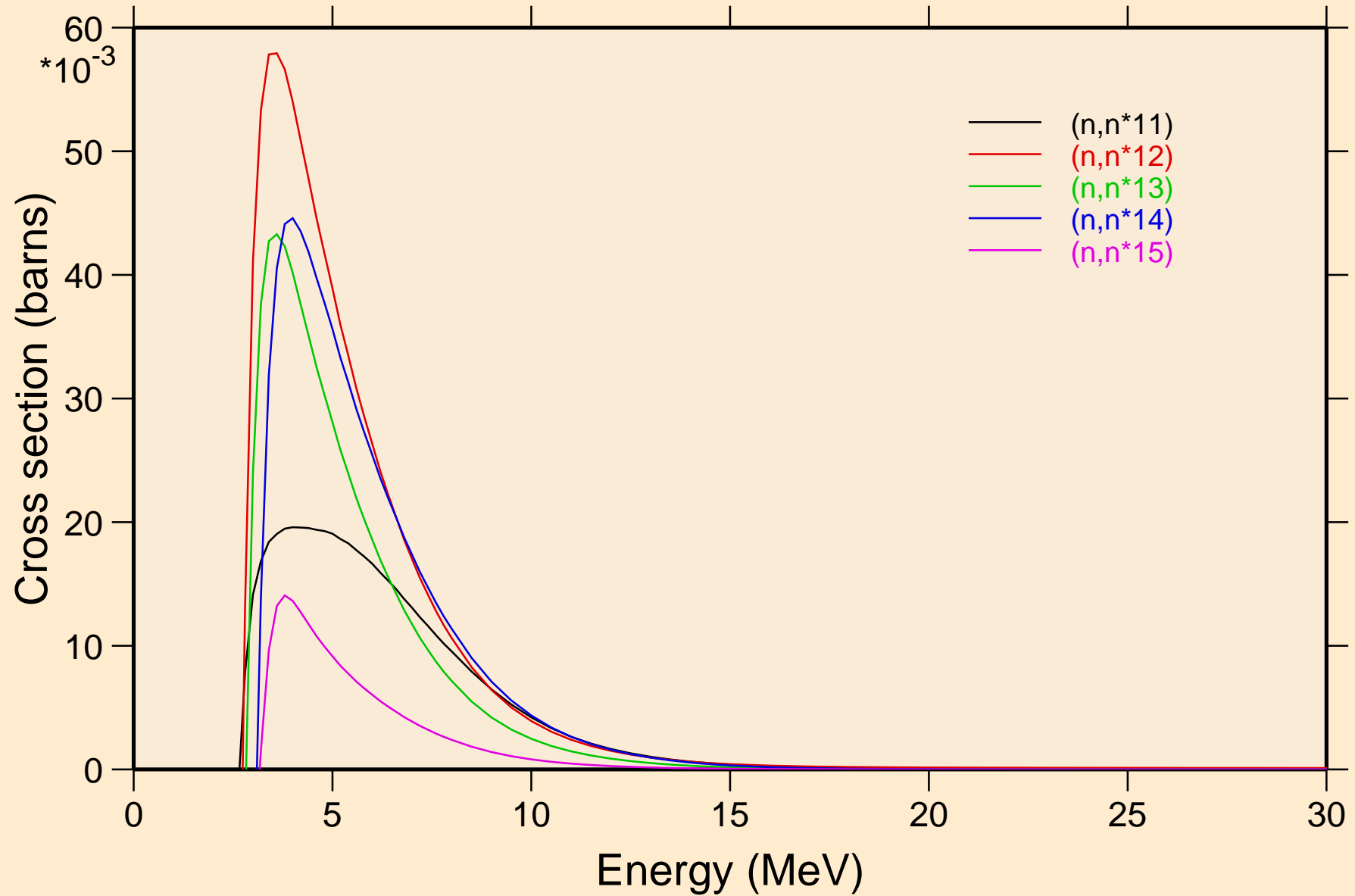


P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

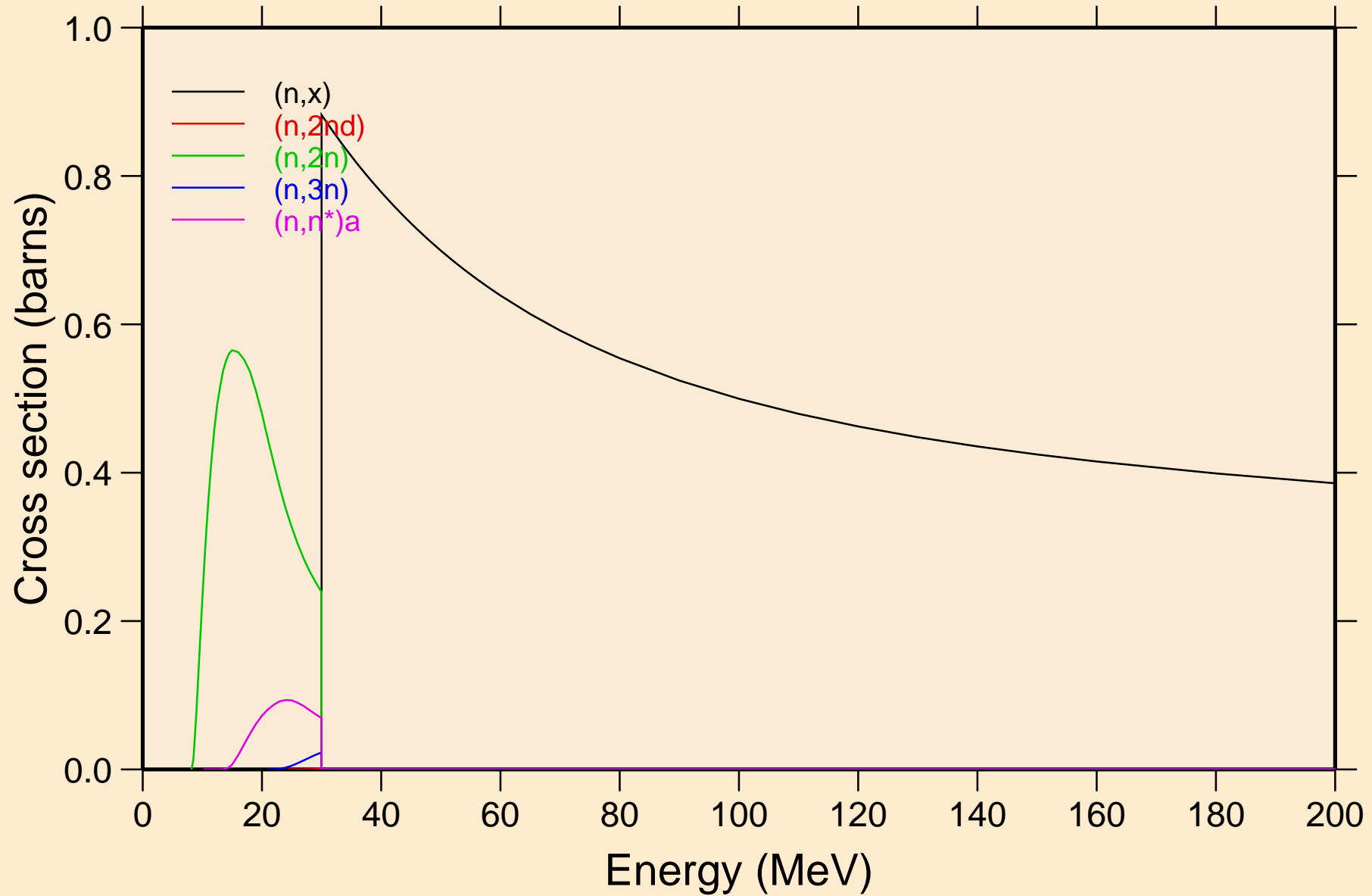




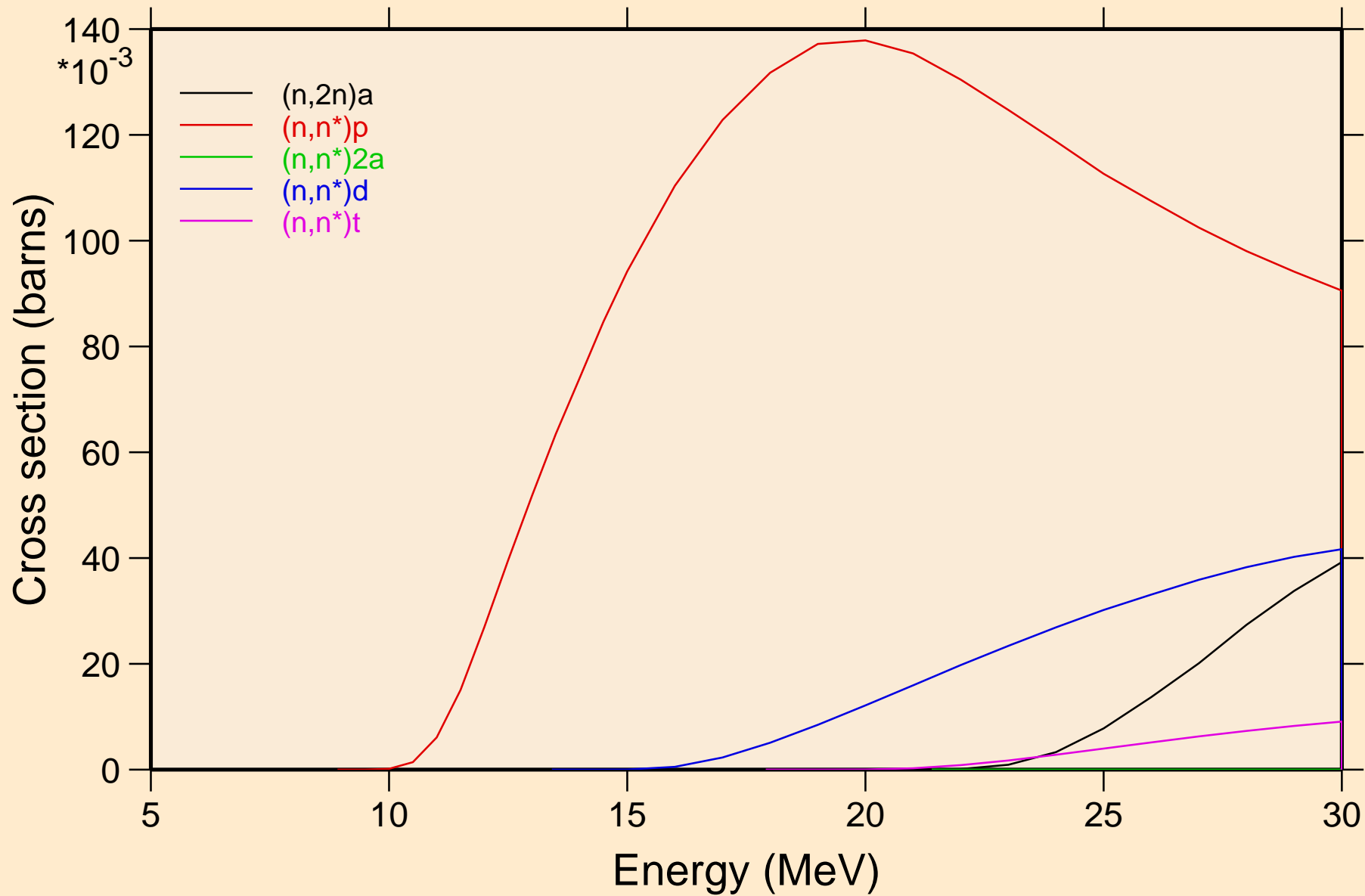
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



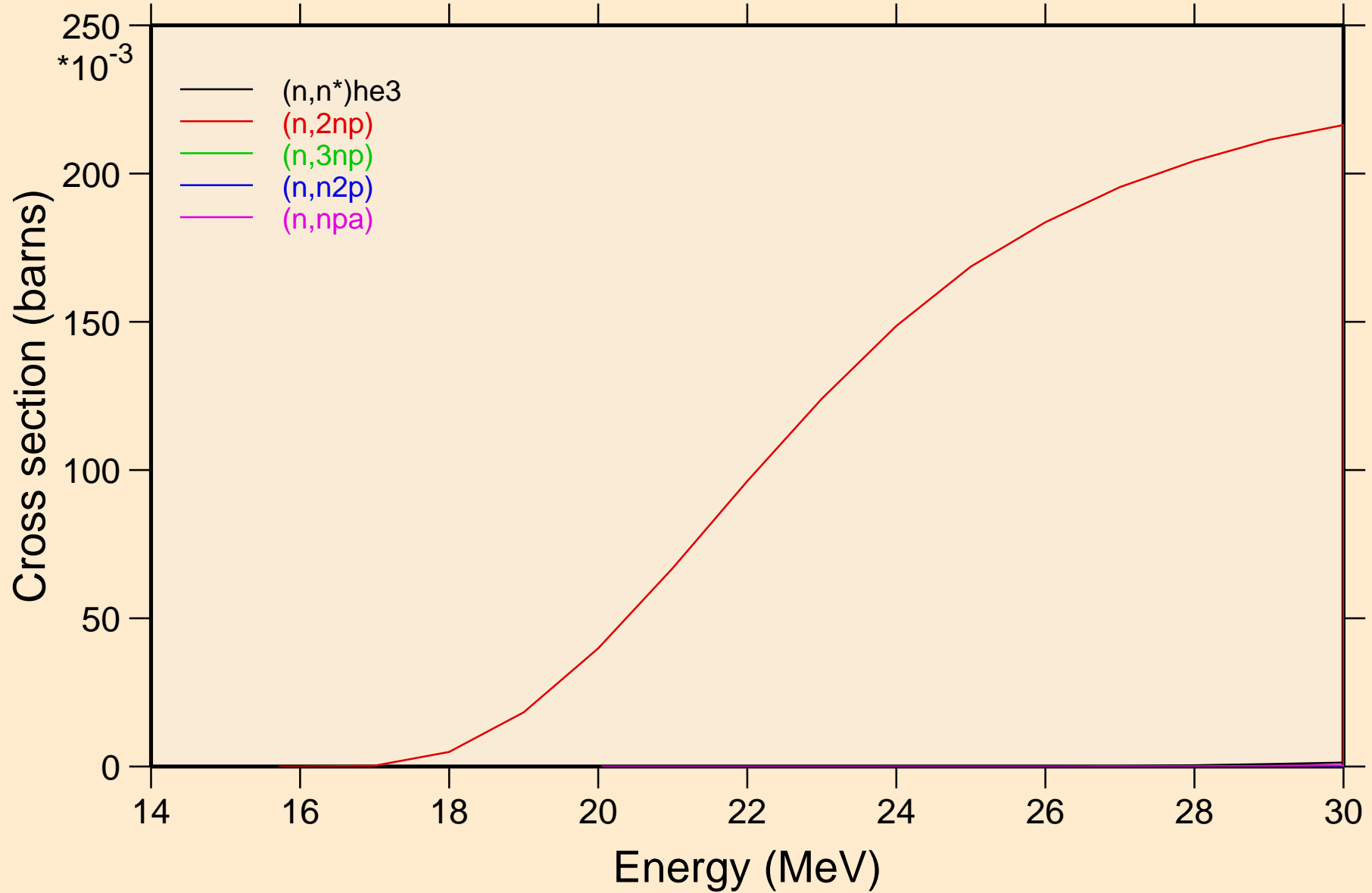
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Threshold reactions



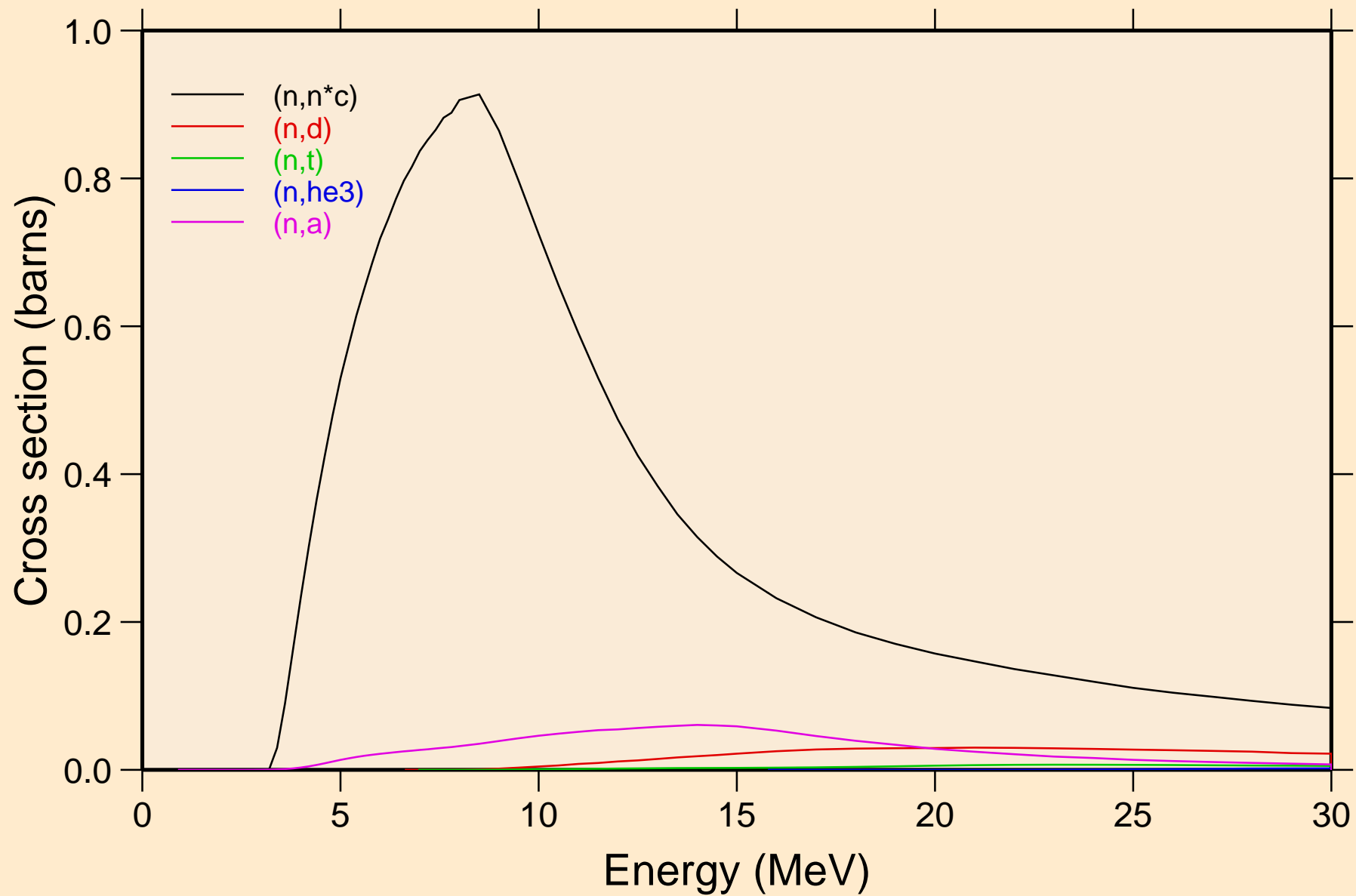
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Threshold reactions



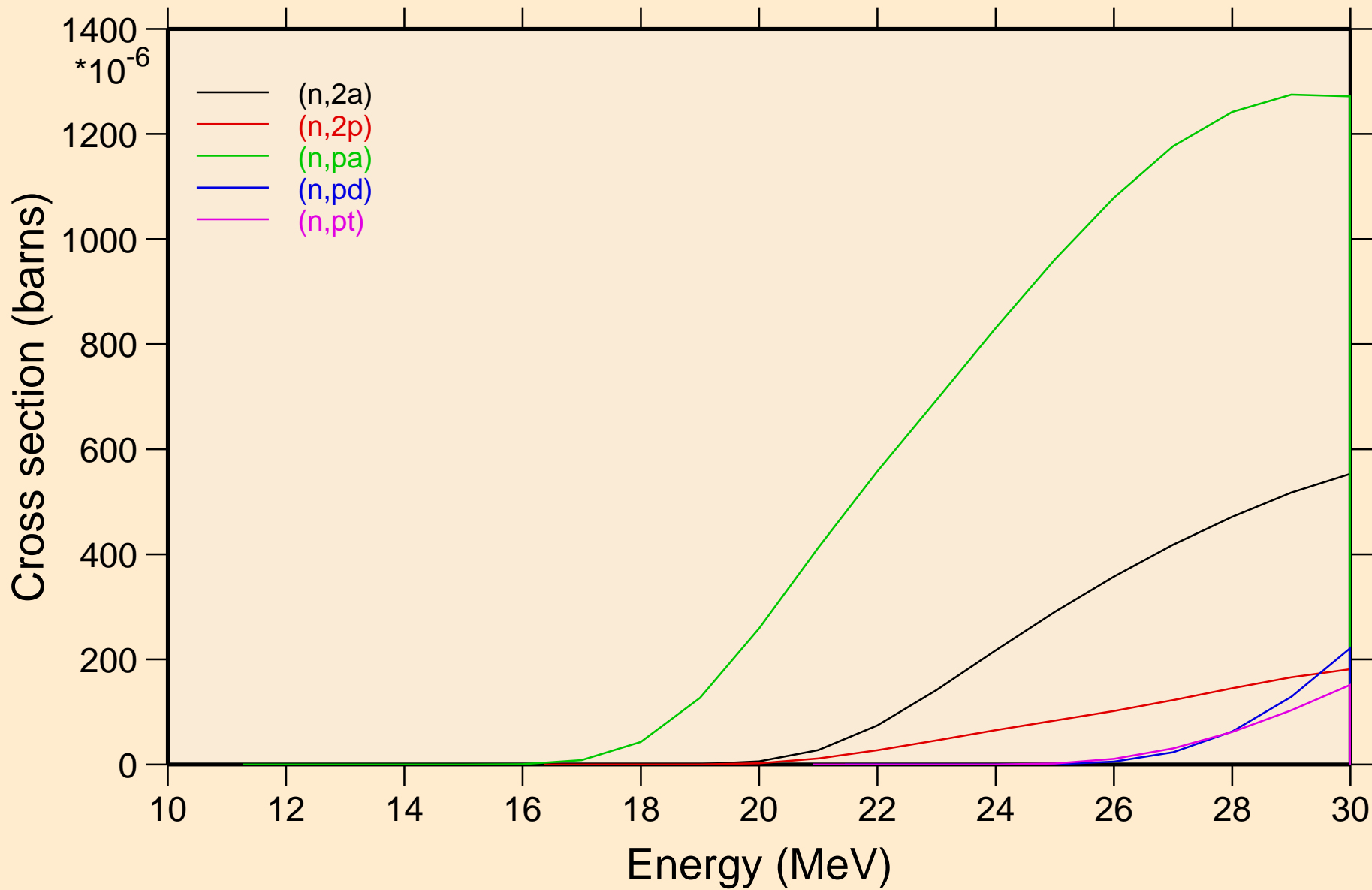
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Threshold reactions



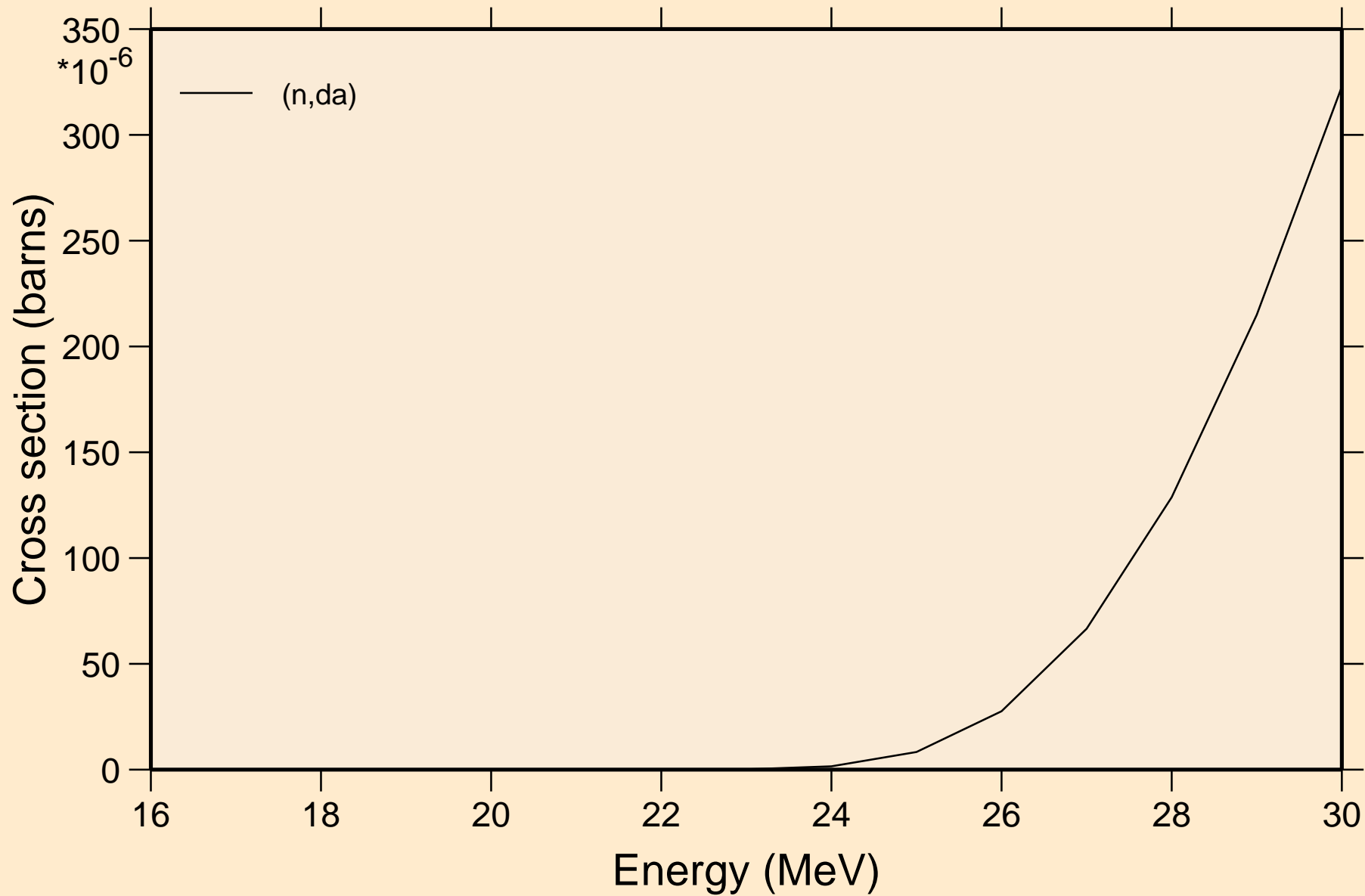
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Threshold reactions



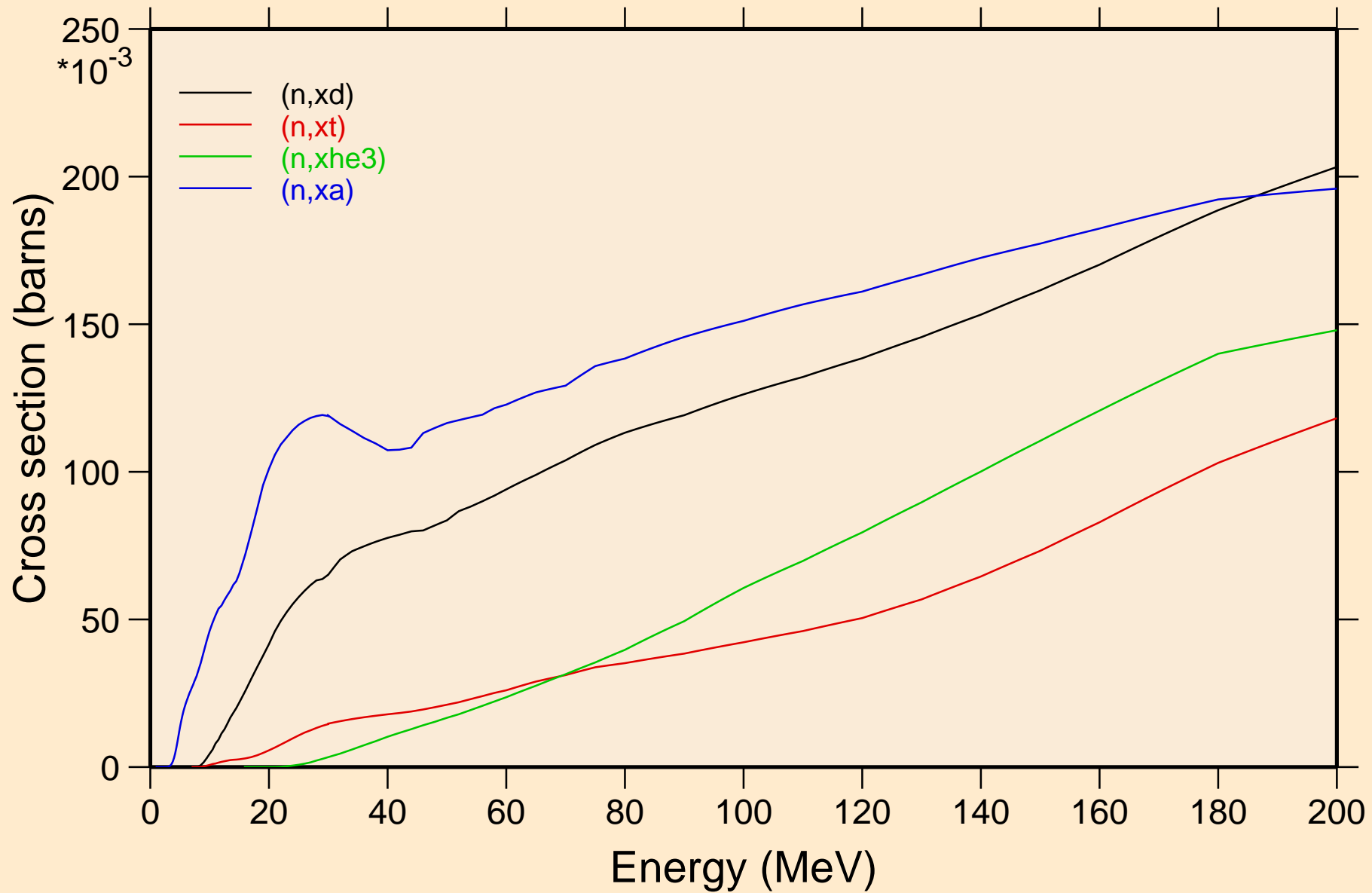
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Threshold reactions



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

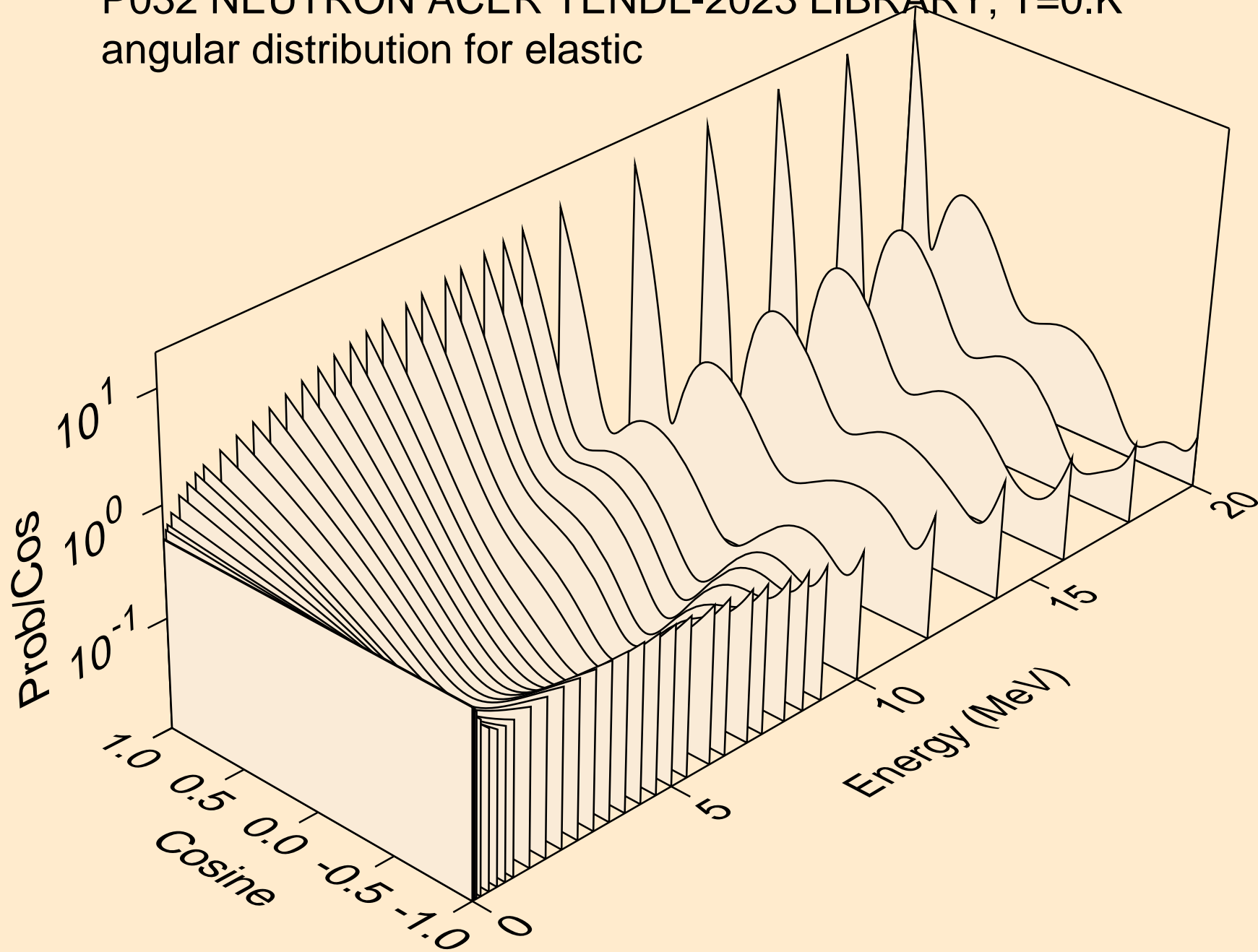


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Threshold reactions

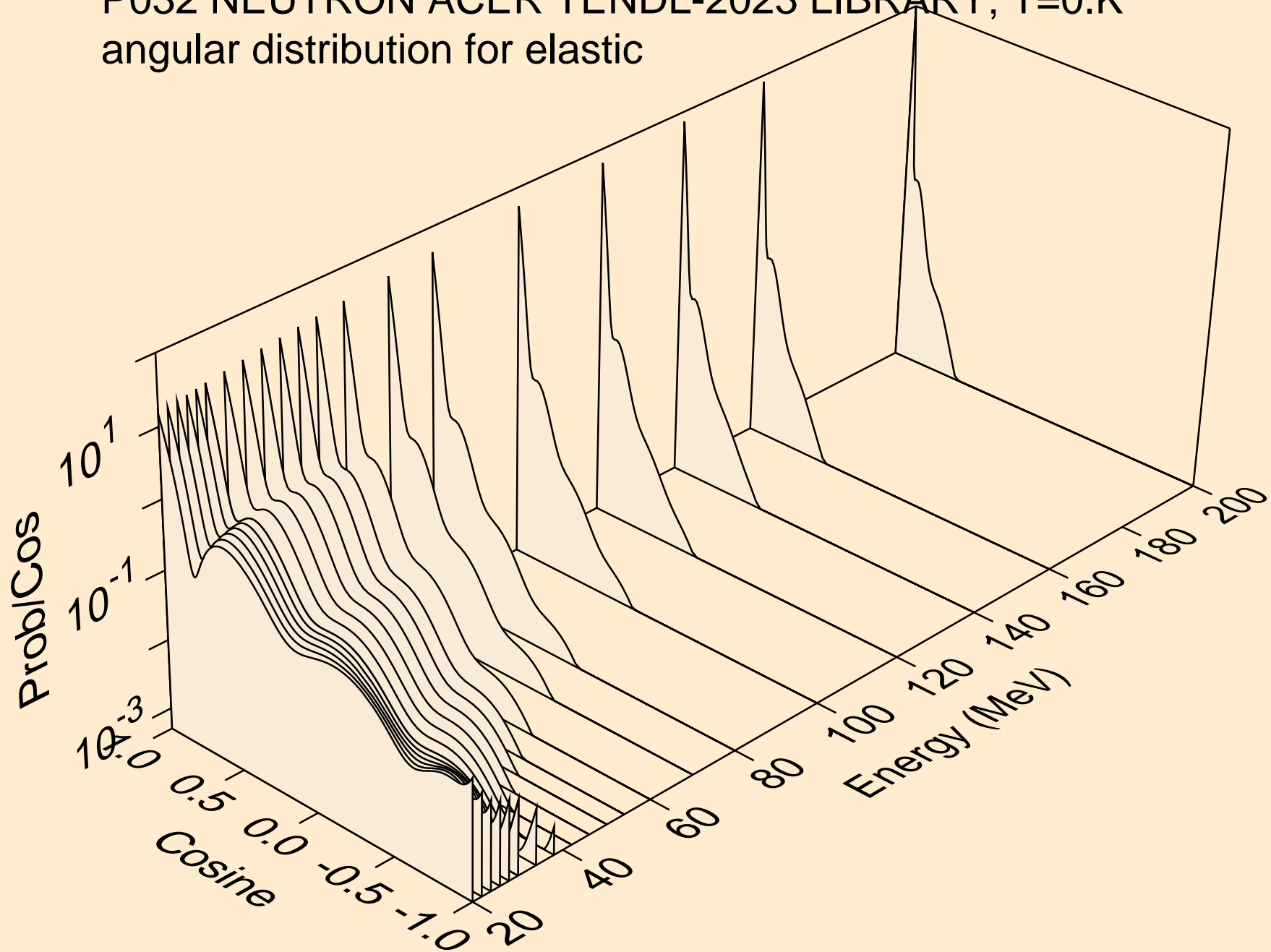




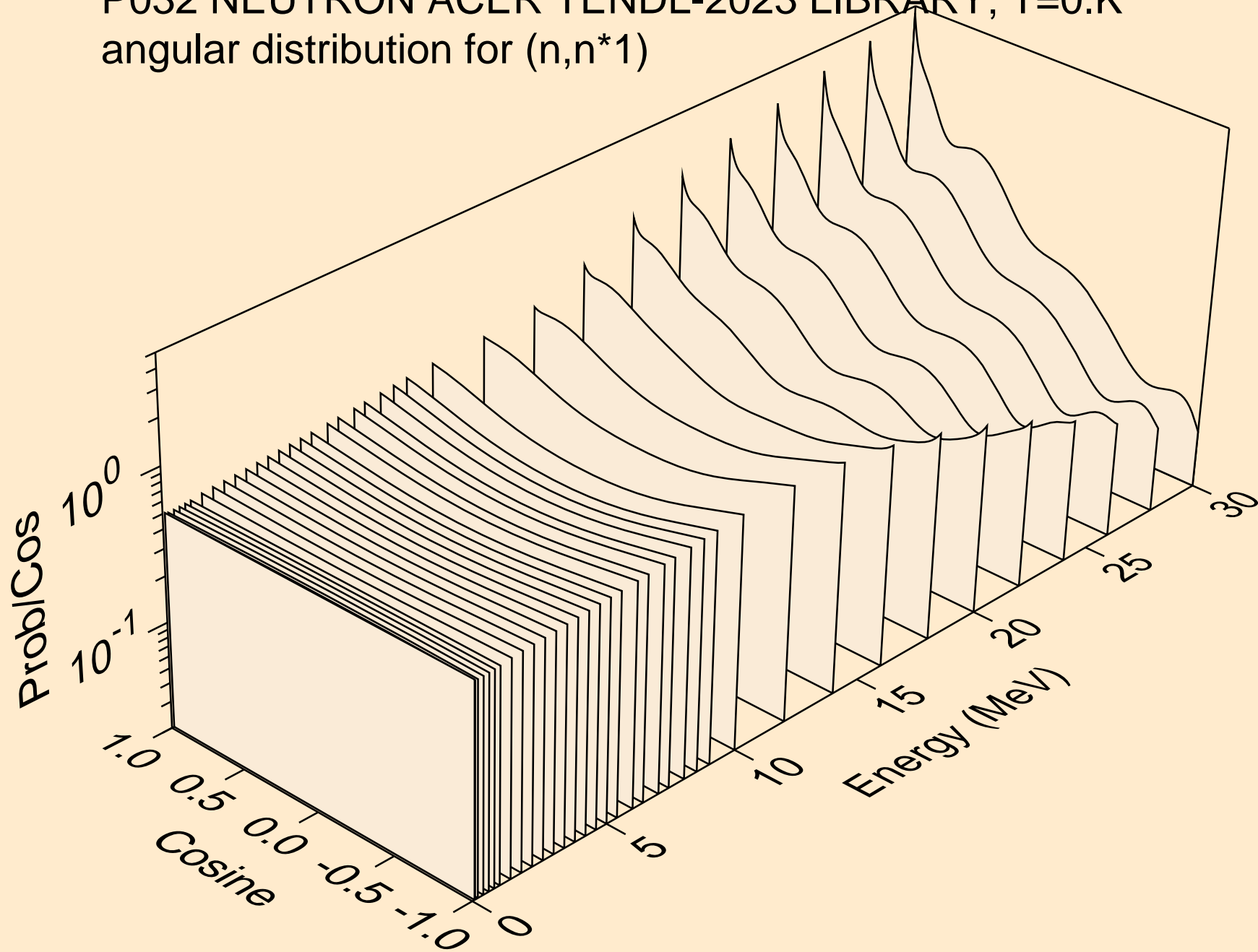
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angular distribution for elastic



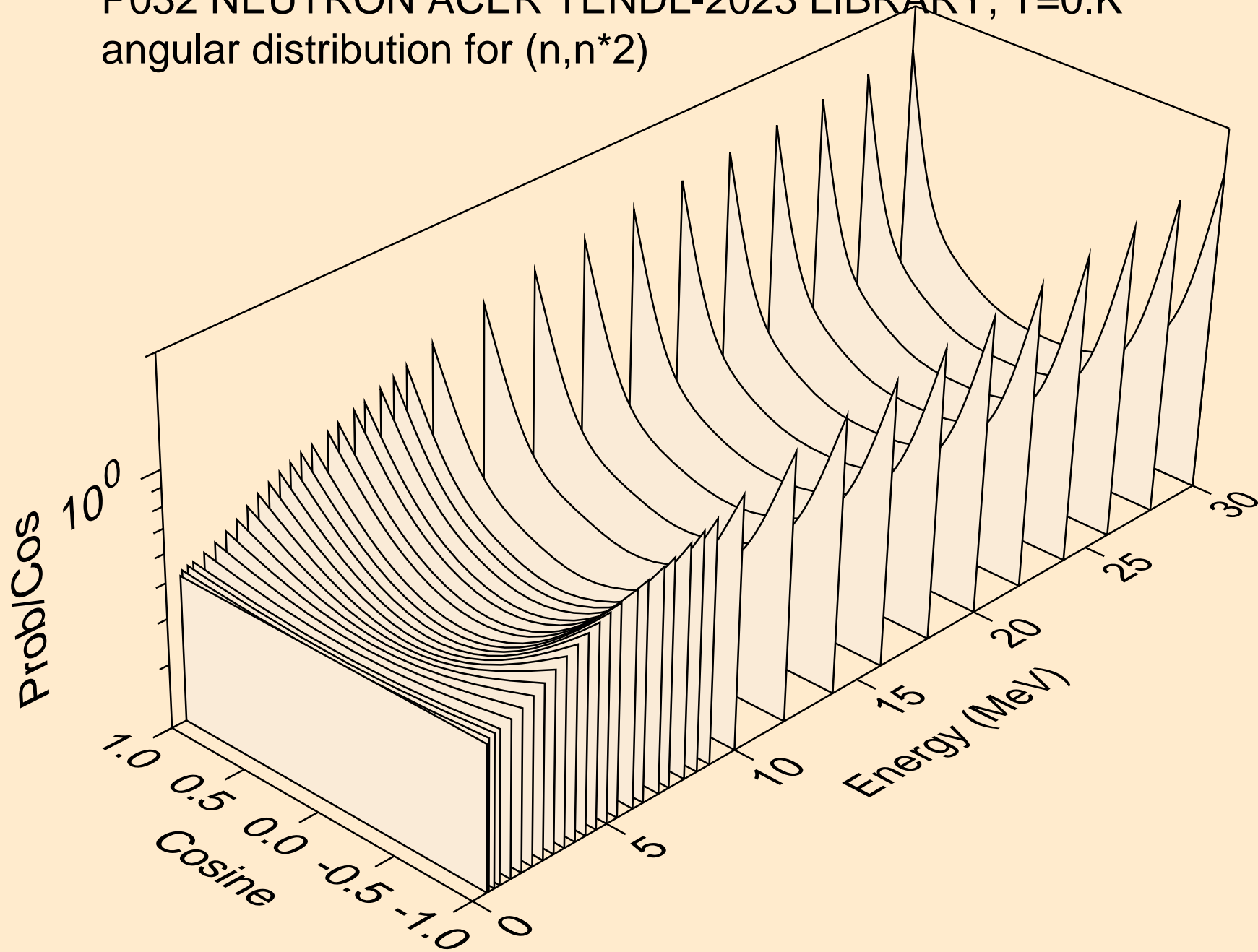
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angular distribution for elastic



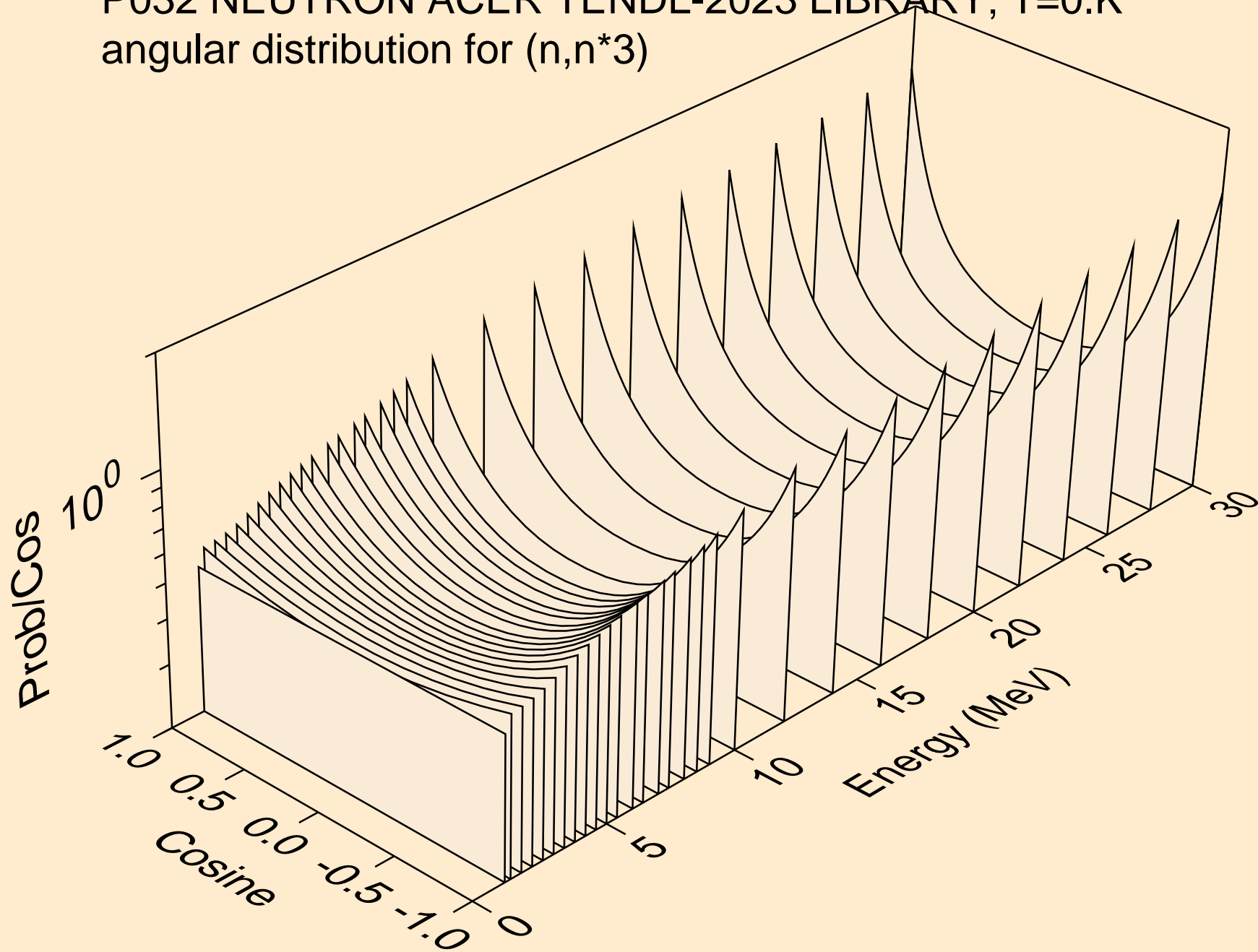
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angular distribution for (n,n\*1)



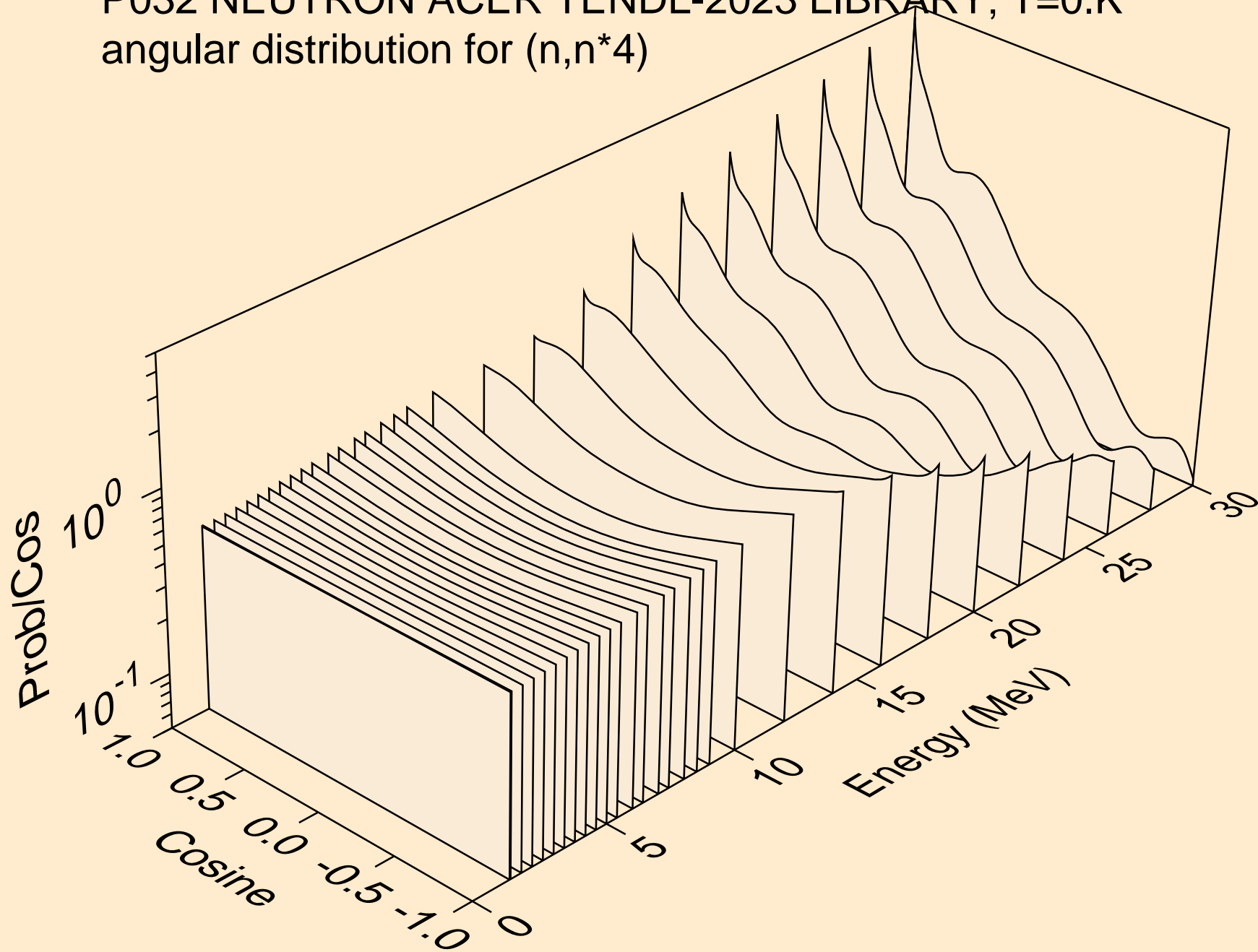
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angular distribution for (n,n\*2)



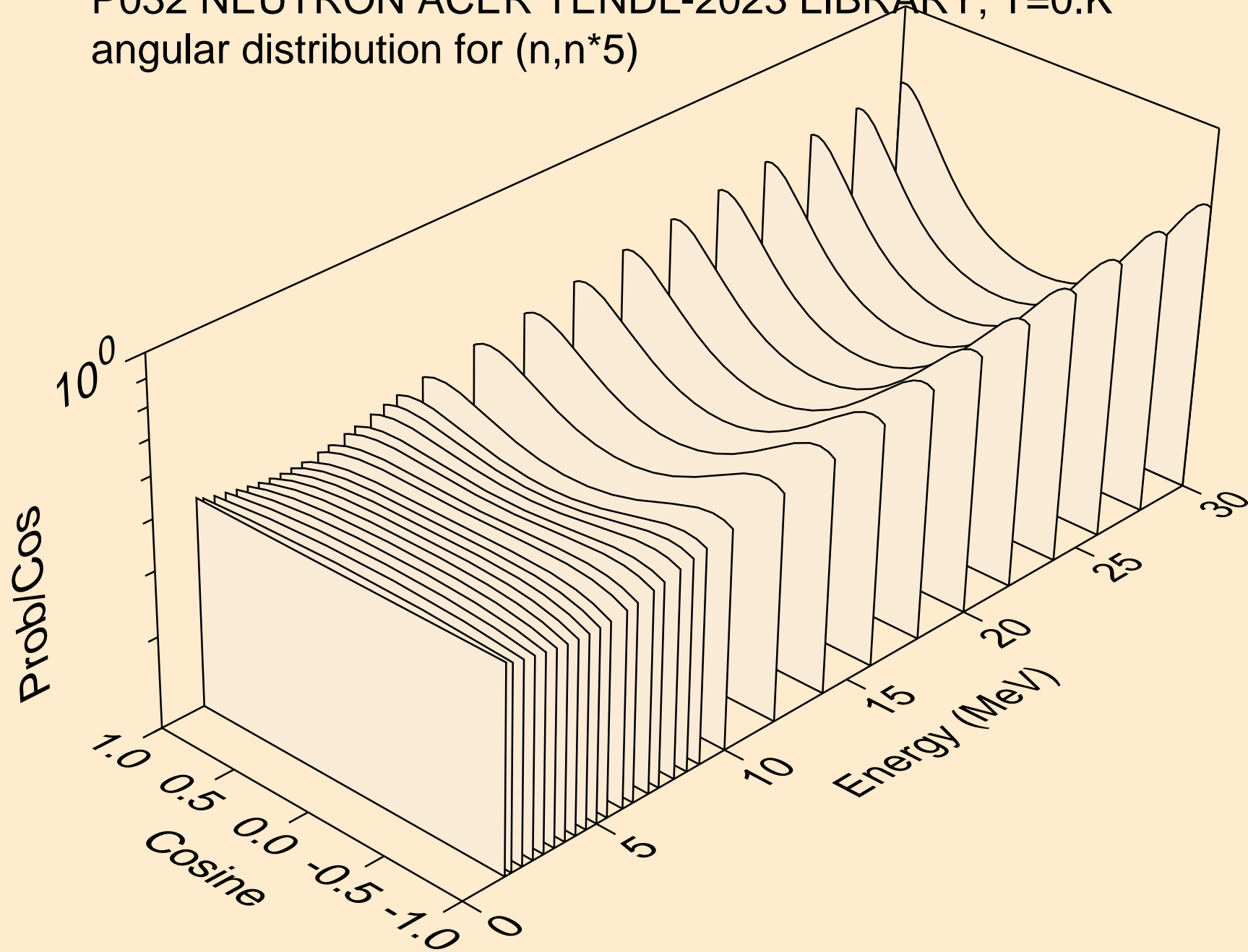
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angular distribution for (n,n\*3)



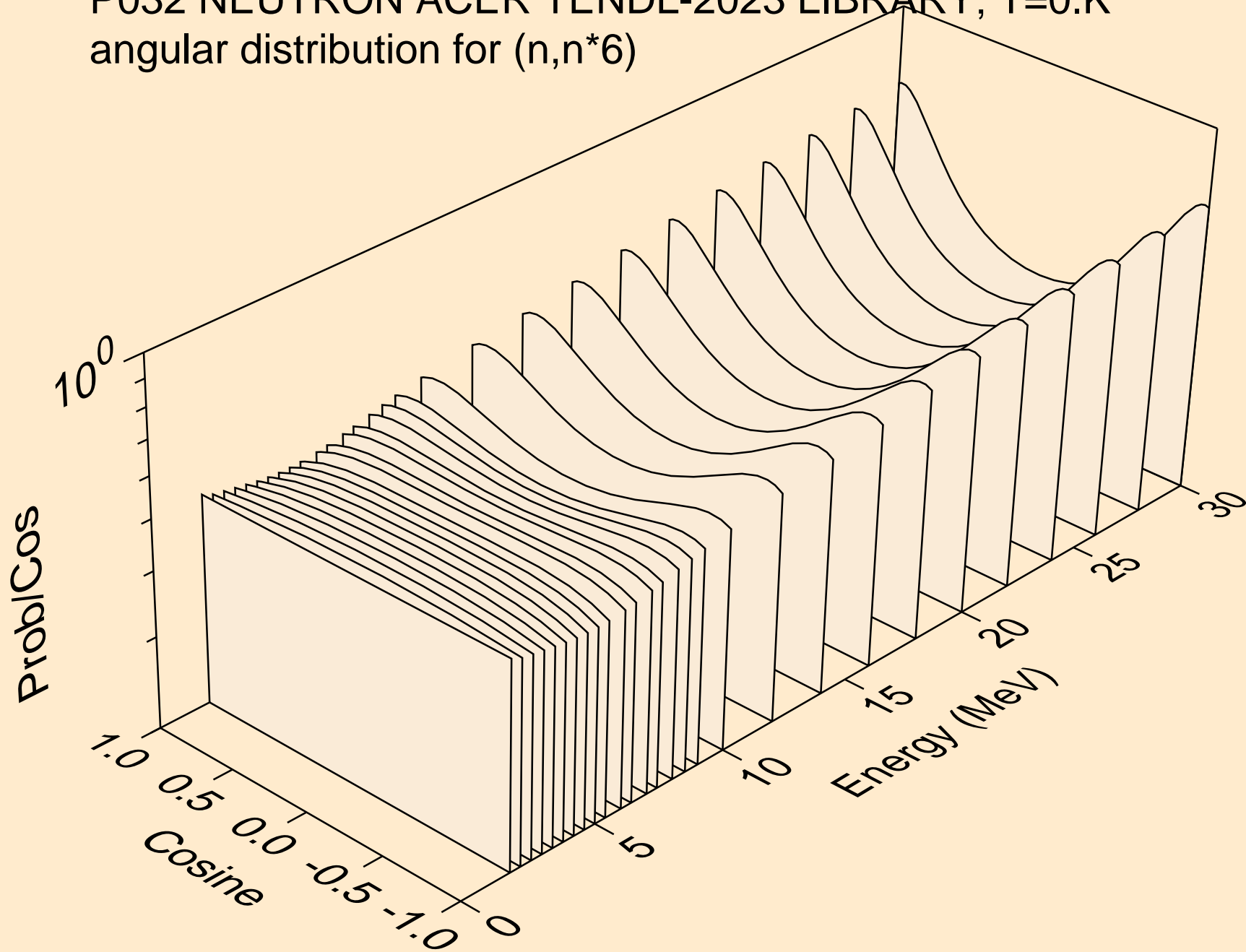
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

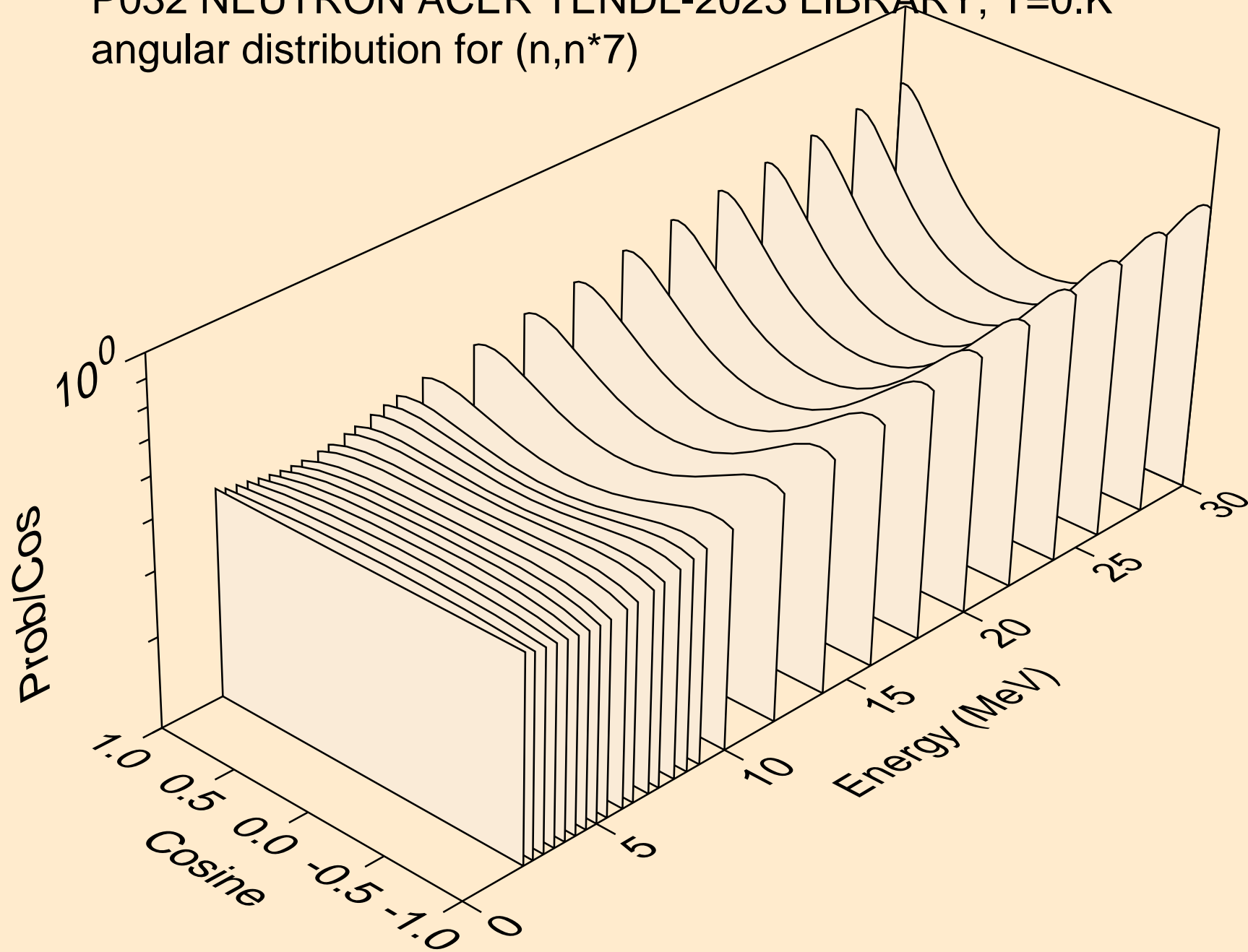


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angular distribution for (n,n\*6)

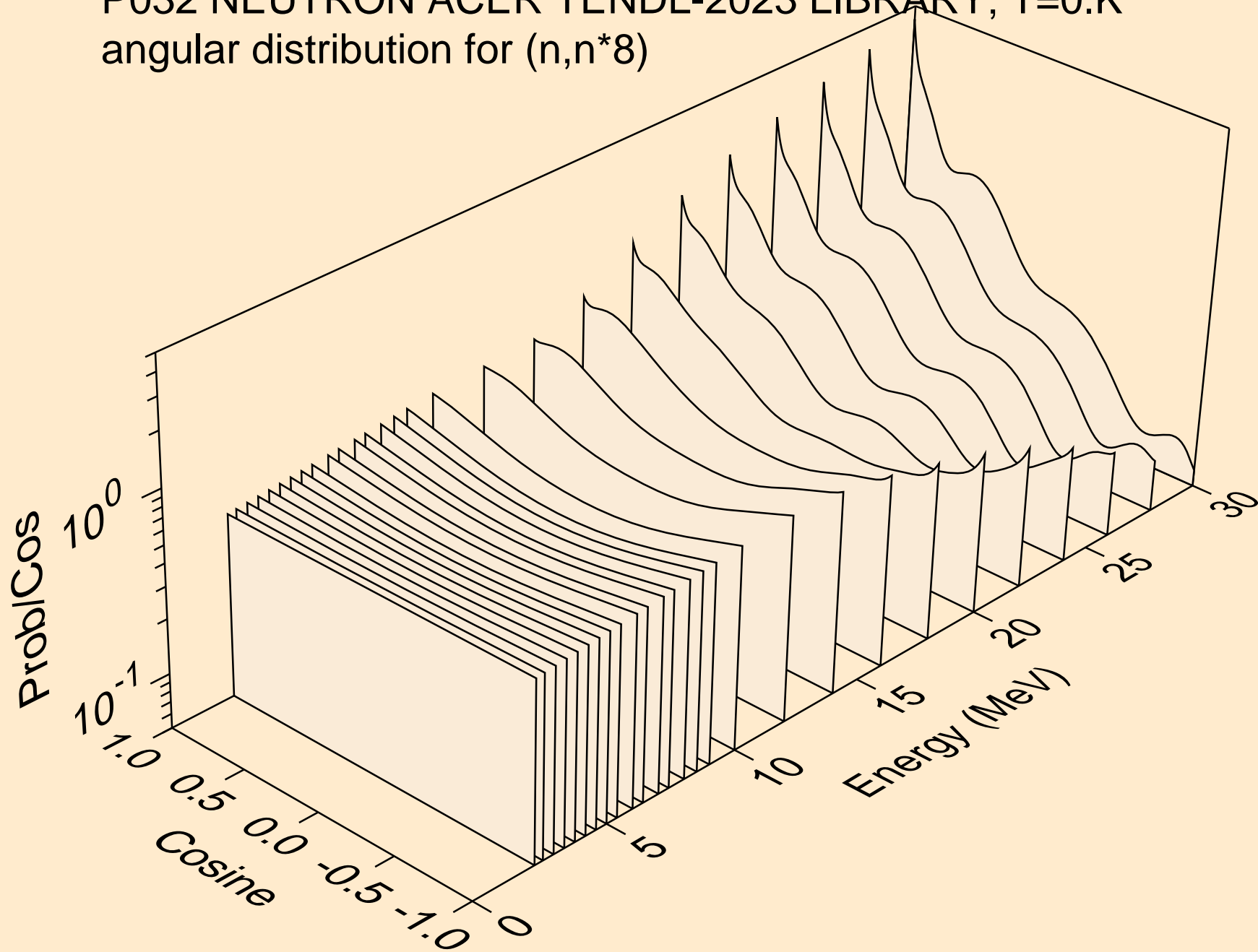




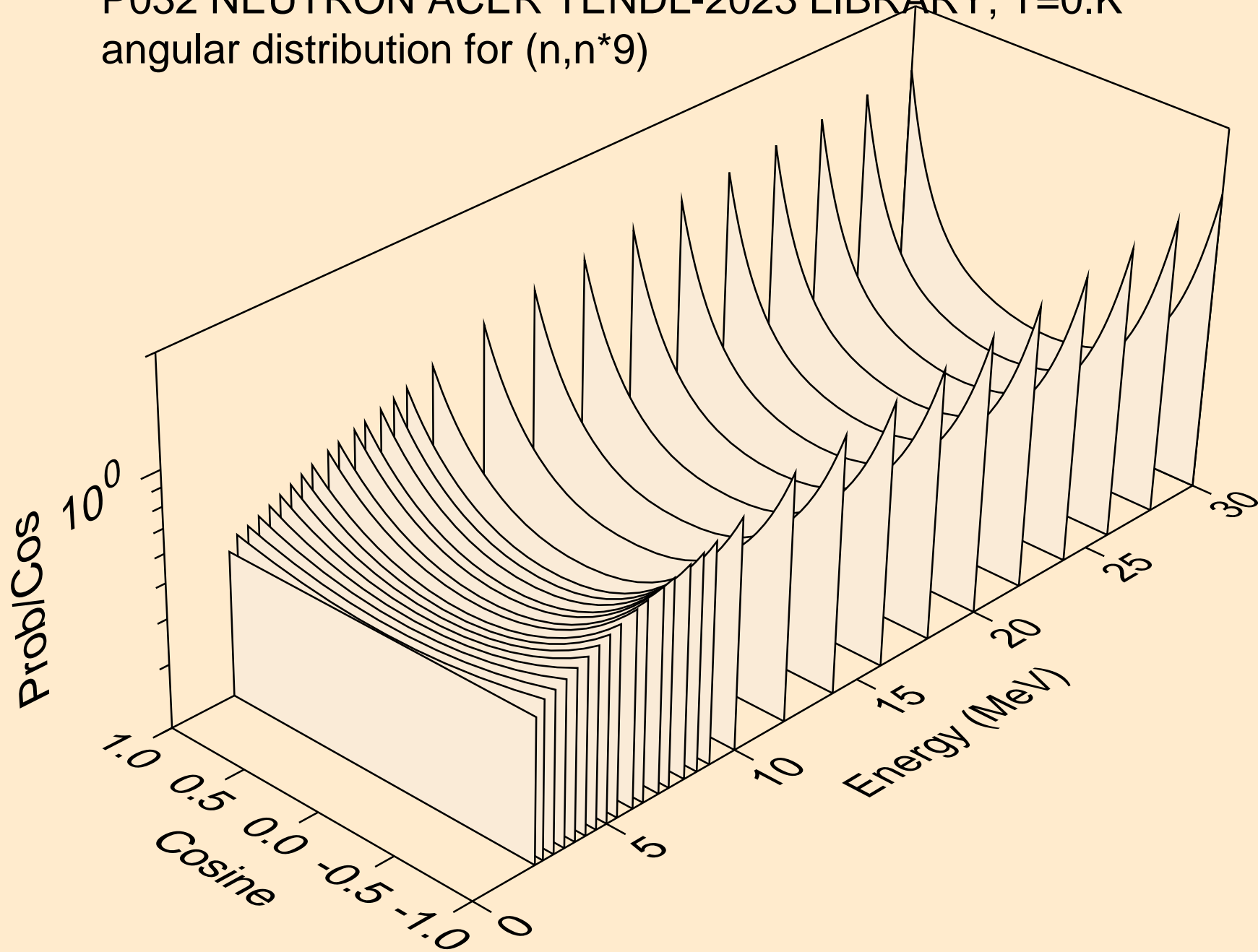
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angular distribution for (n,n\*7)



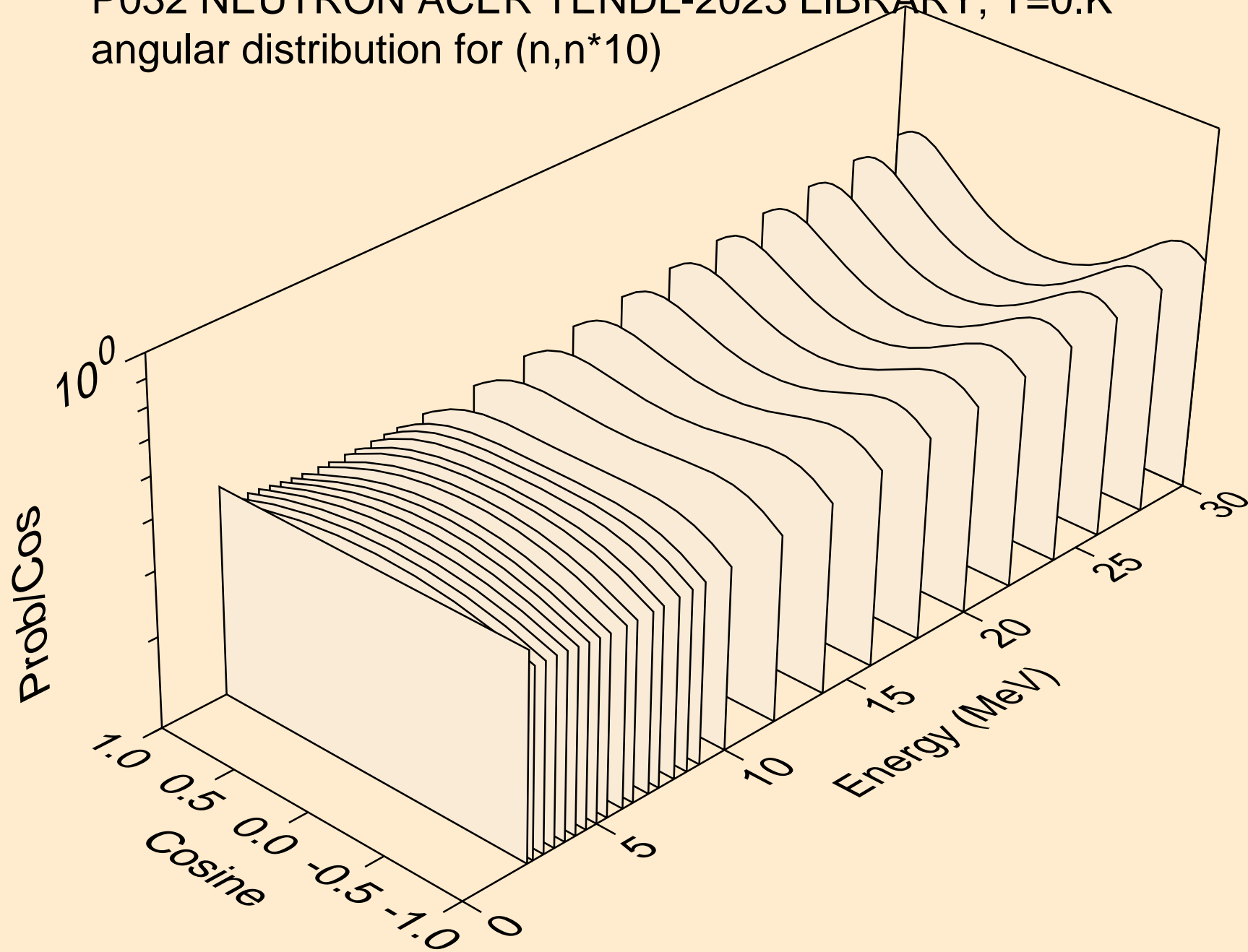
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angular distribution for (n,n\*8)



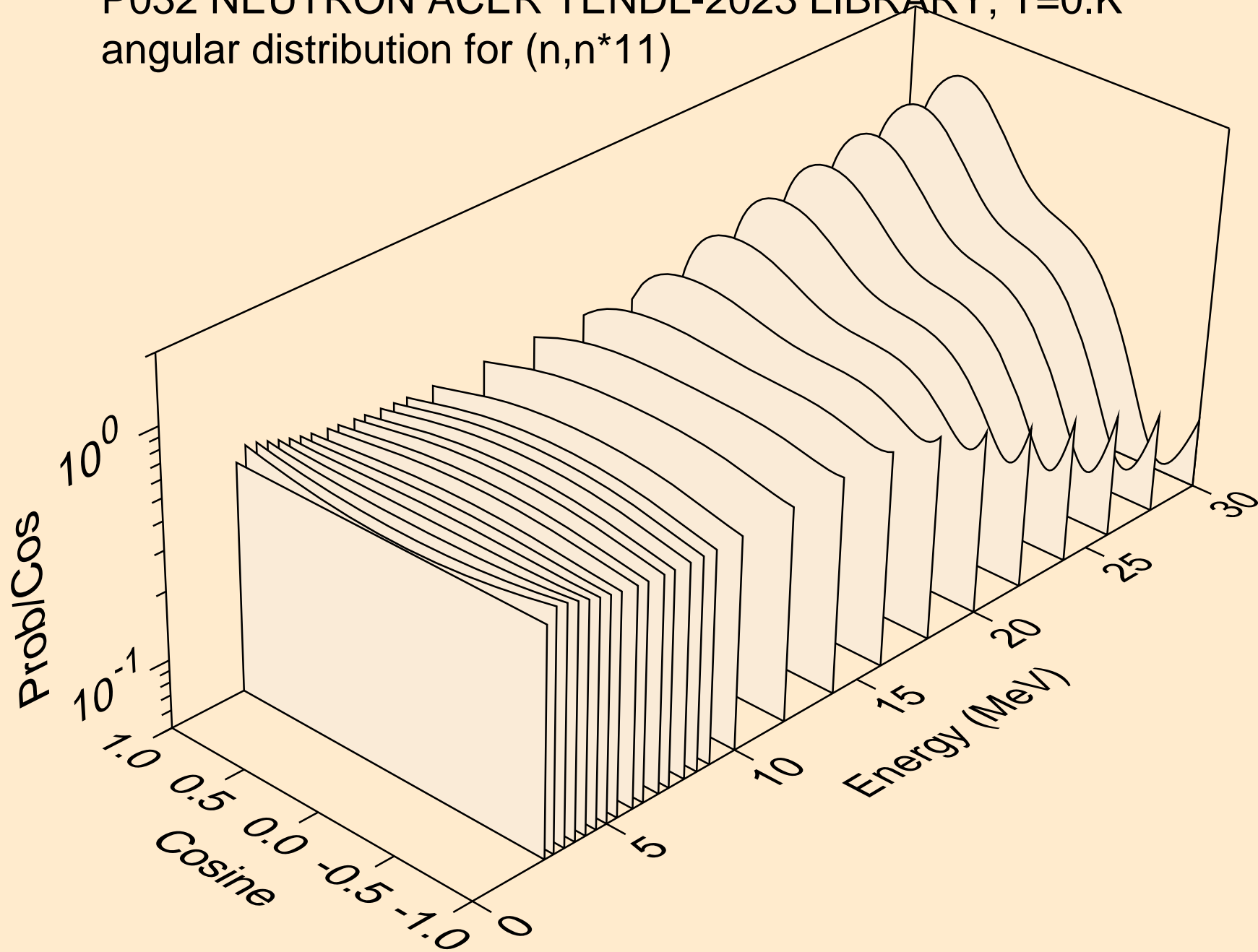
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angular distribution for (n,n\*9)



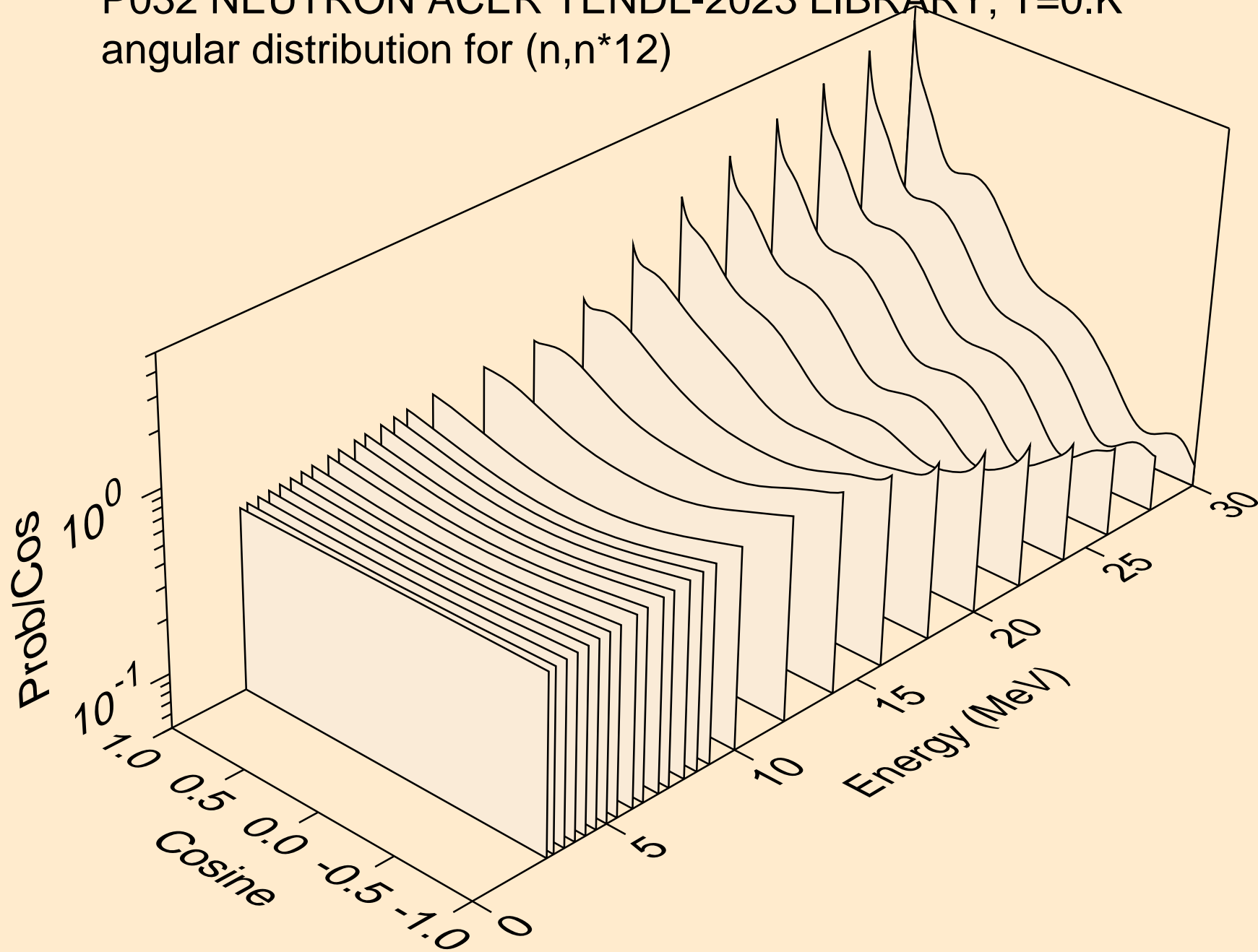
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angular distribution for (n,n\*10)



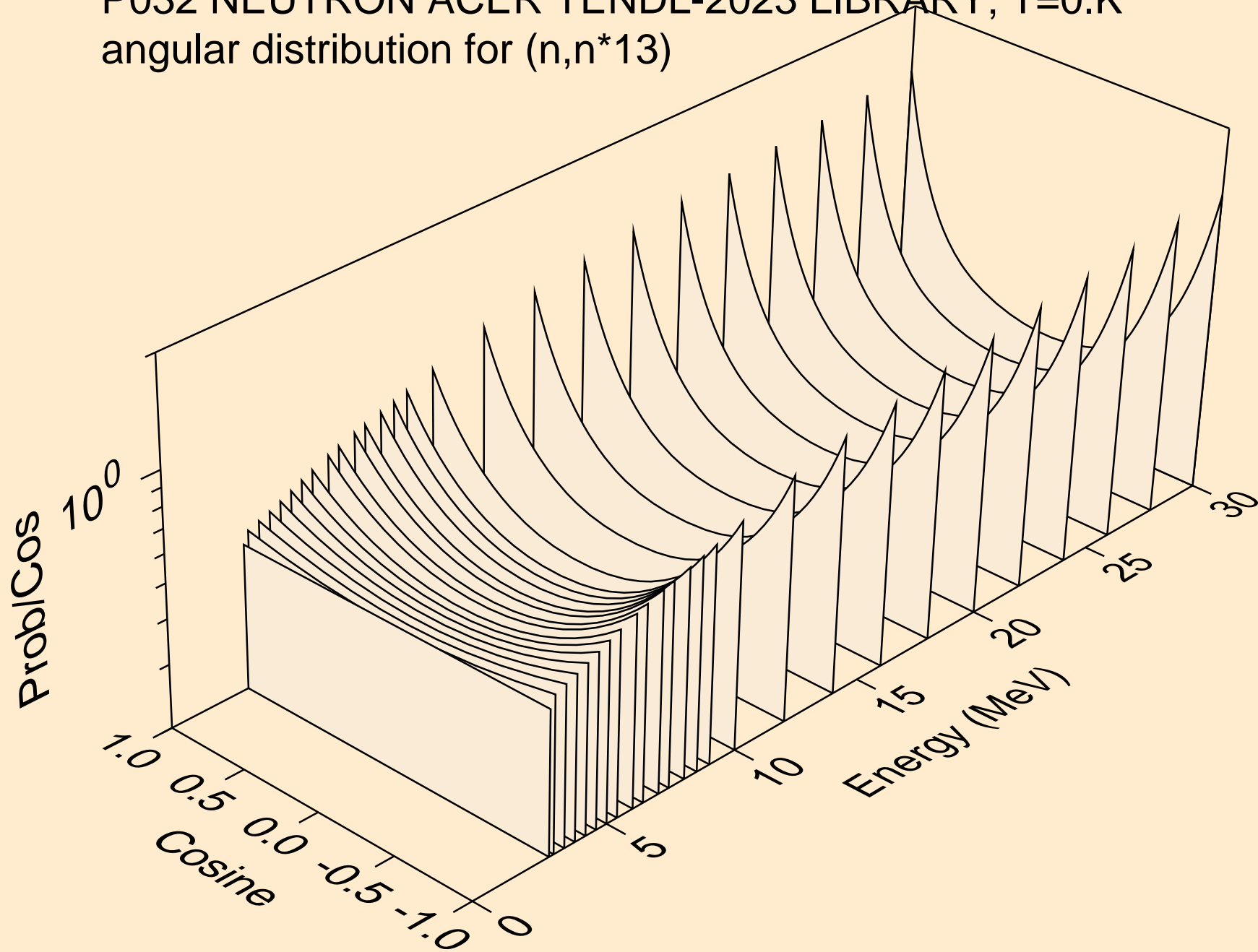
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angular distribution for (n,n\*11)



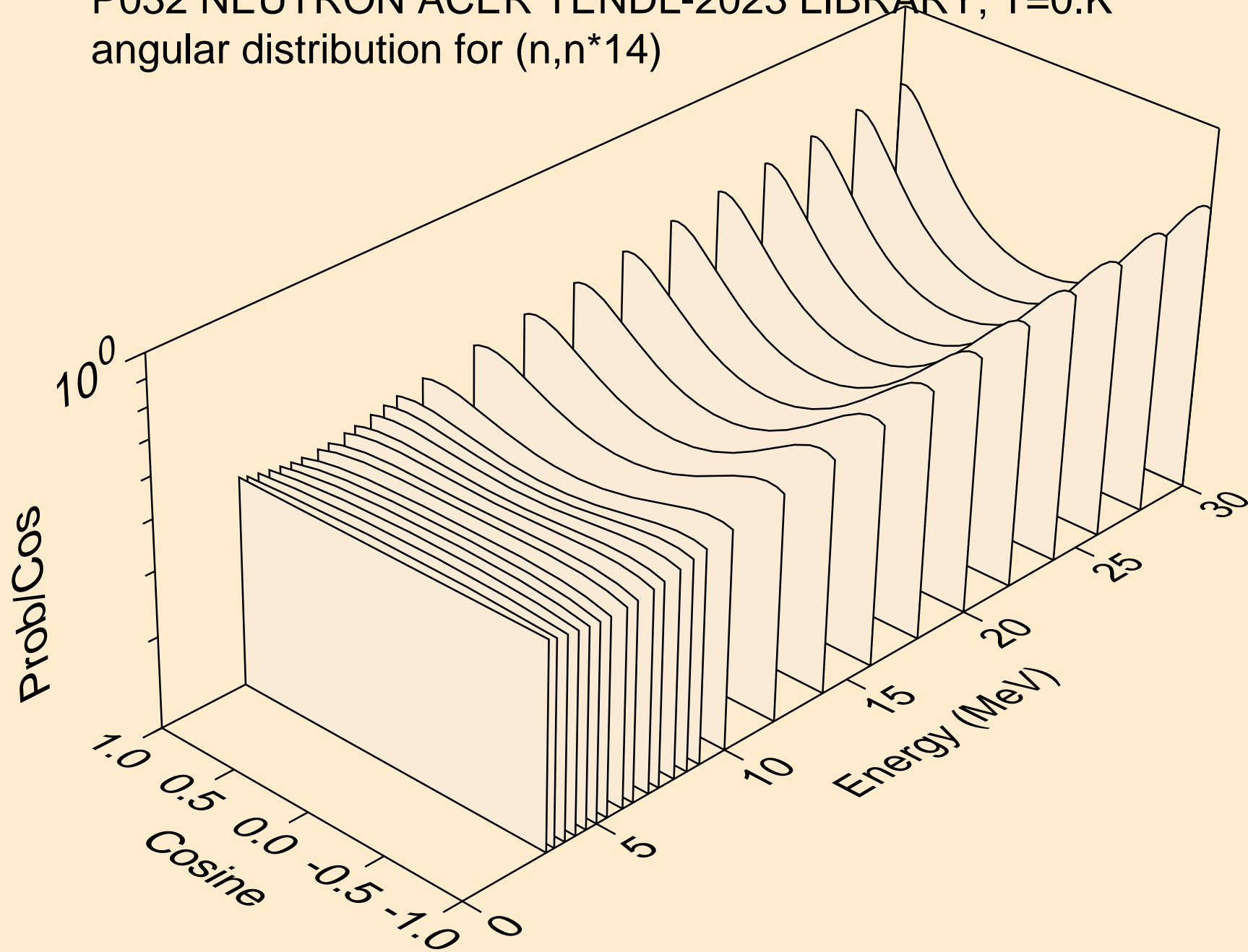
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

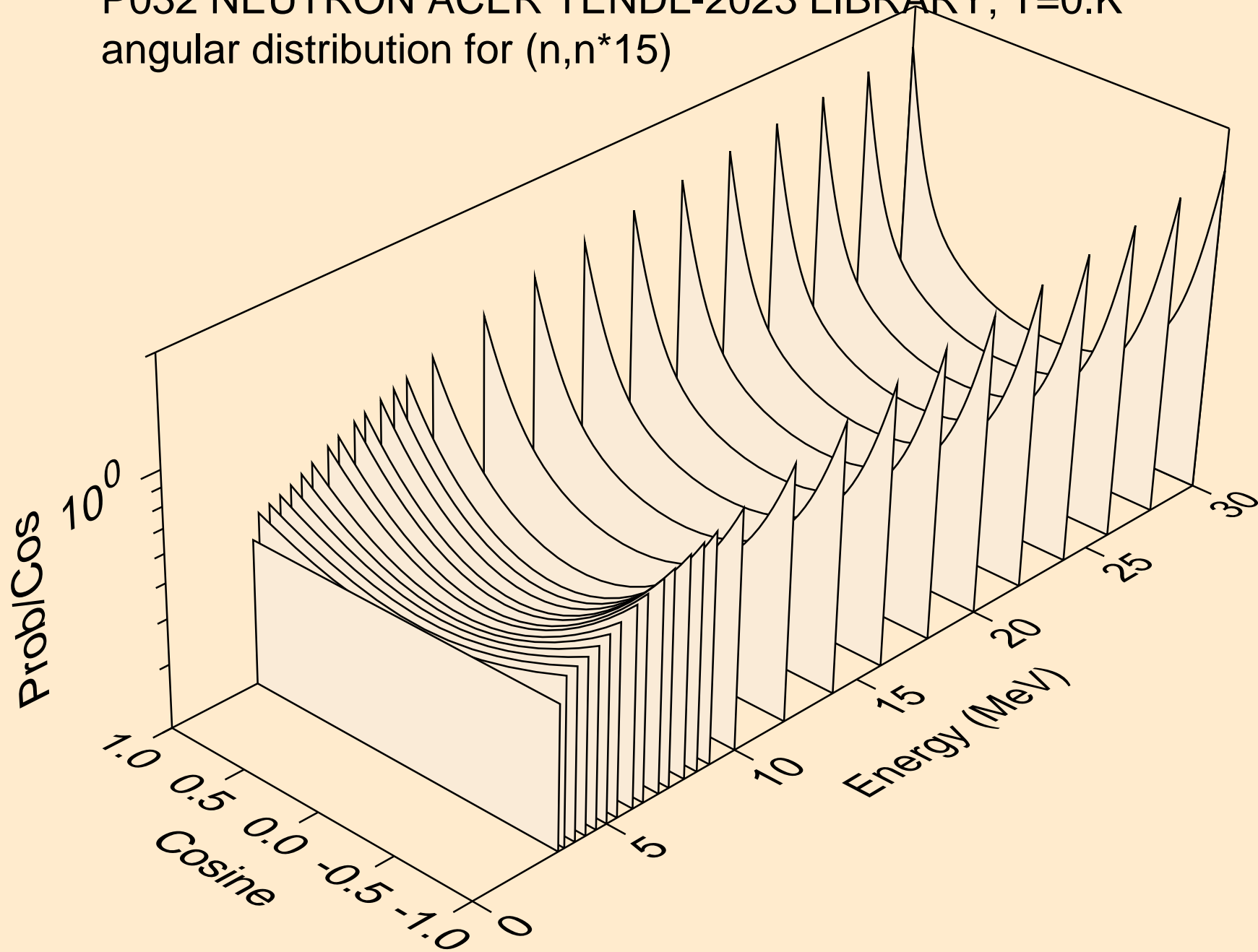


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angular distribution for (n,n\*14)

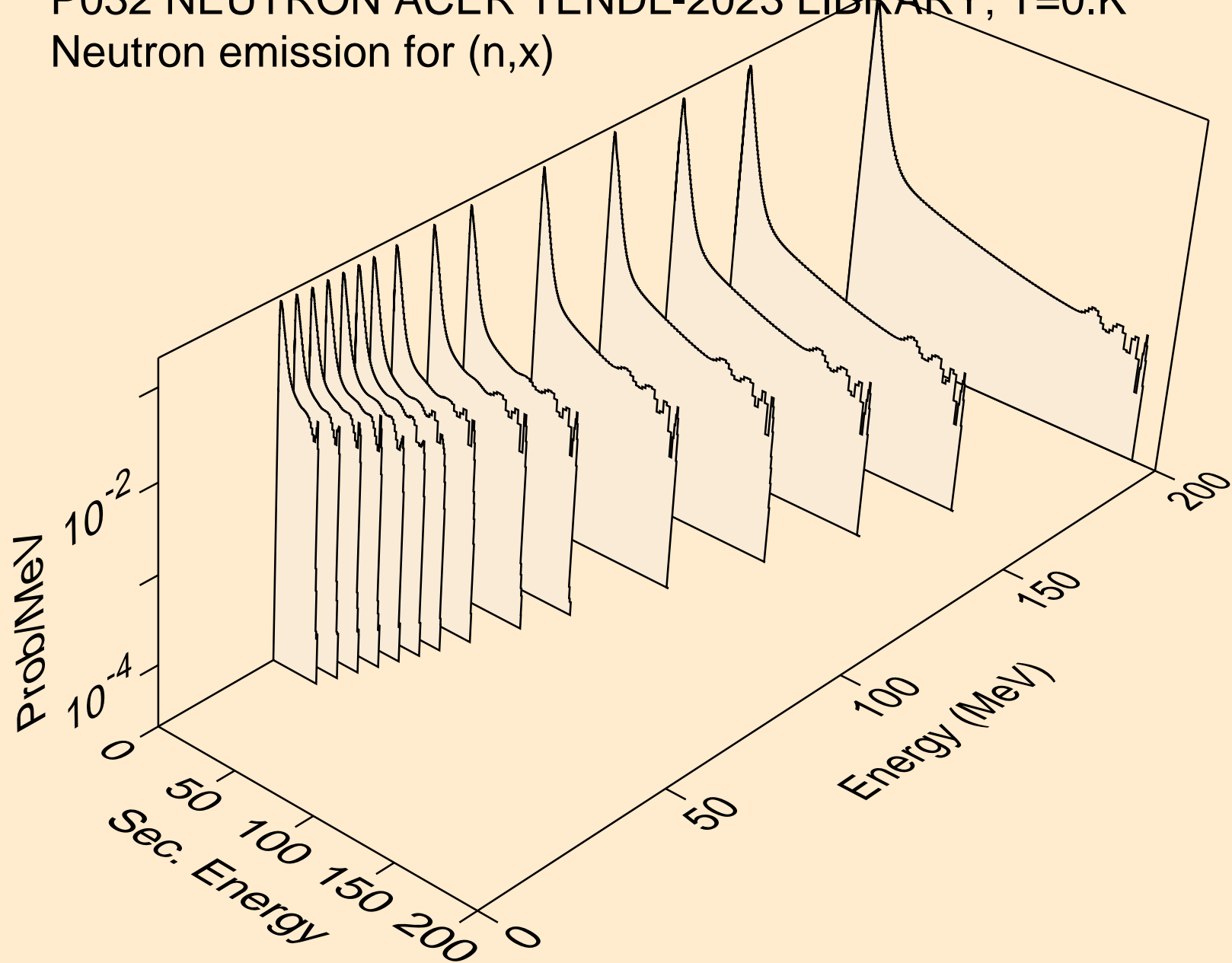




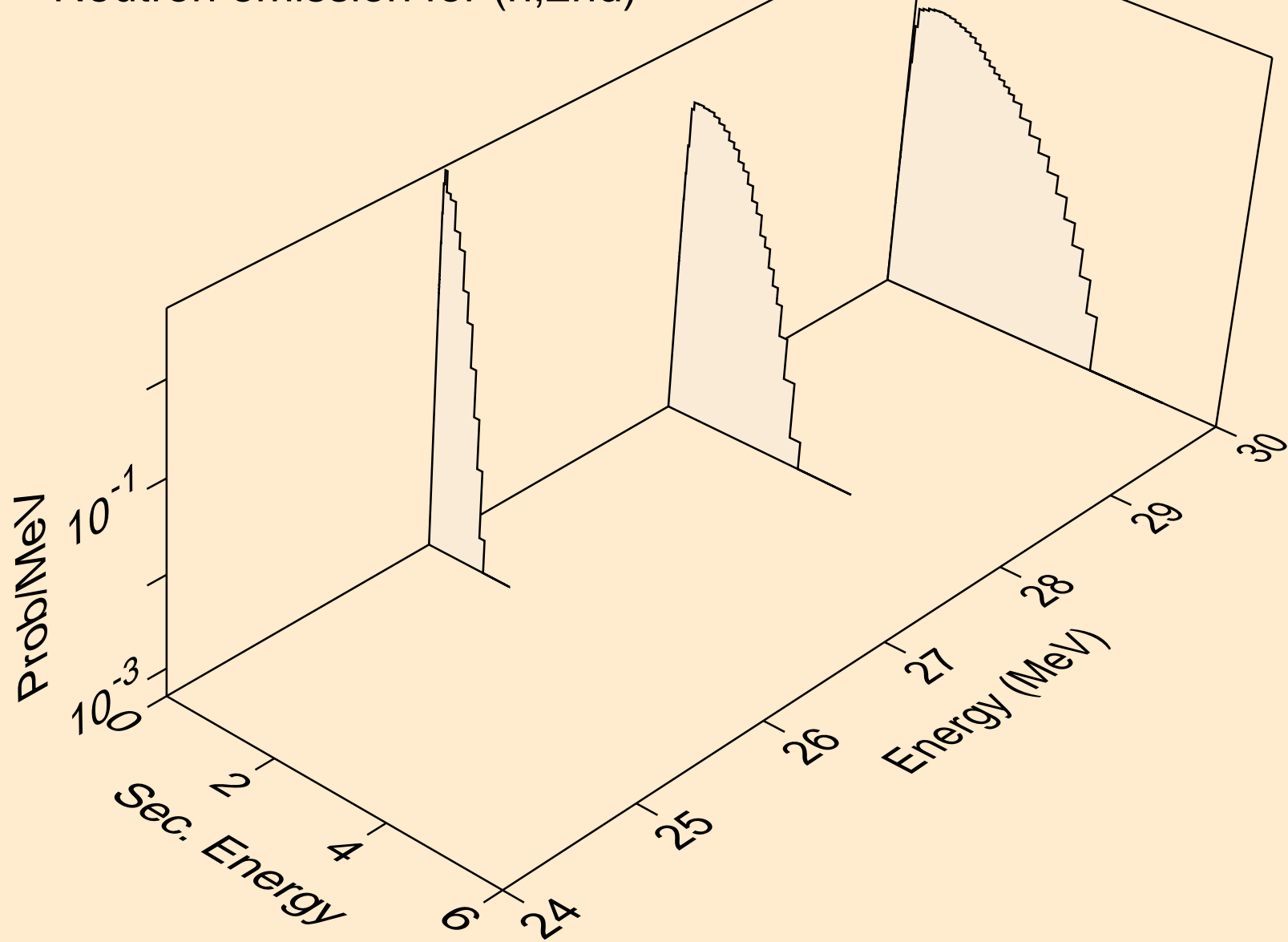
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angular distribution for (n,n\*15)



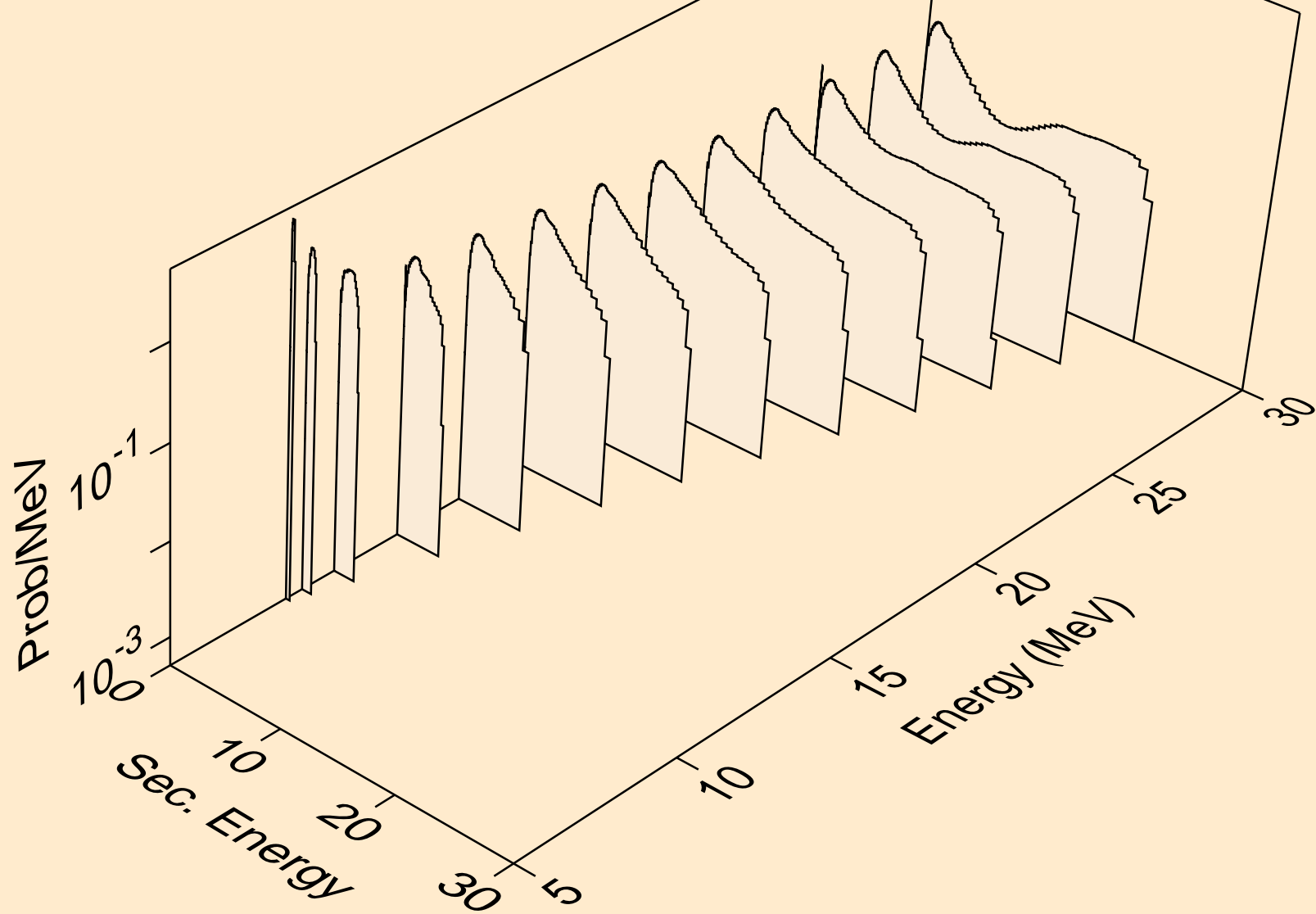
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Neutron emission for (n,x)



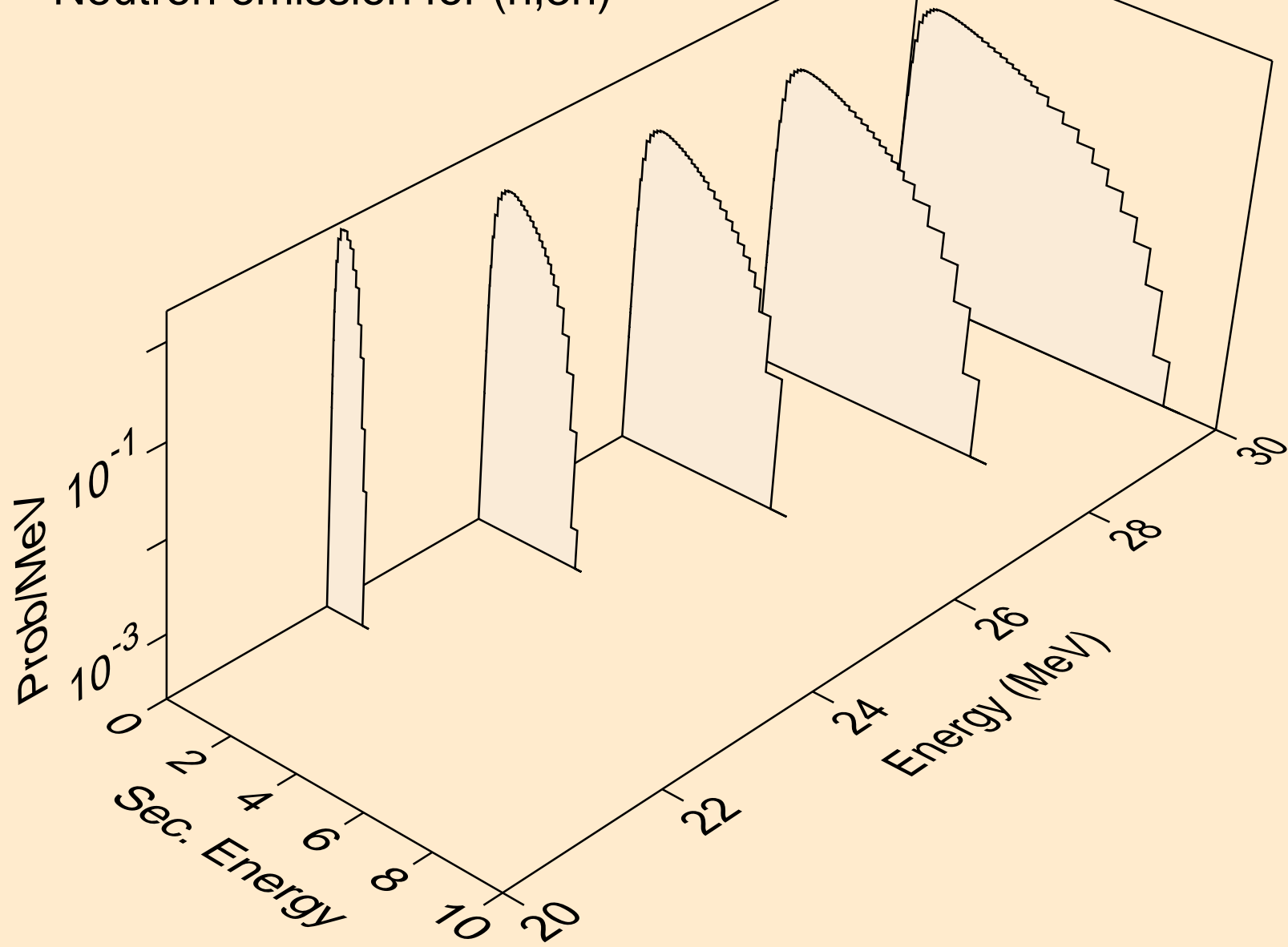
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Neutron emission for (n,2nd)



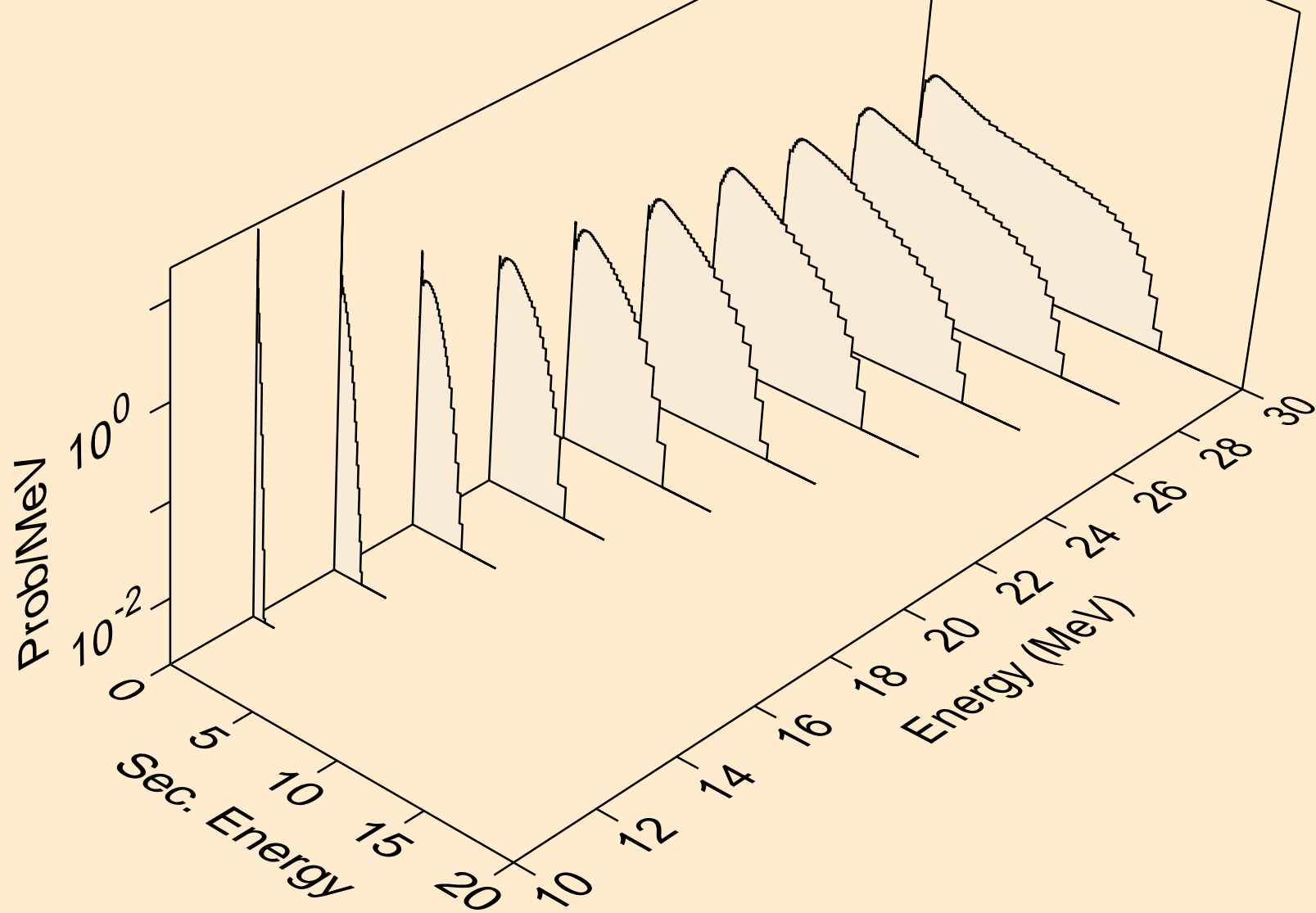
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Neutron emission for (n,2n)



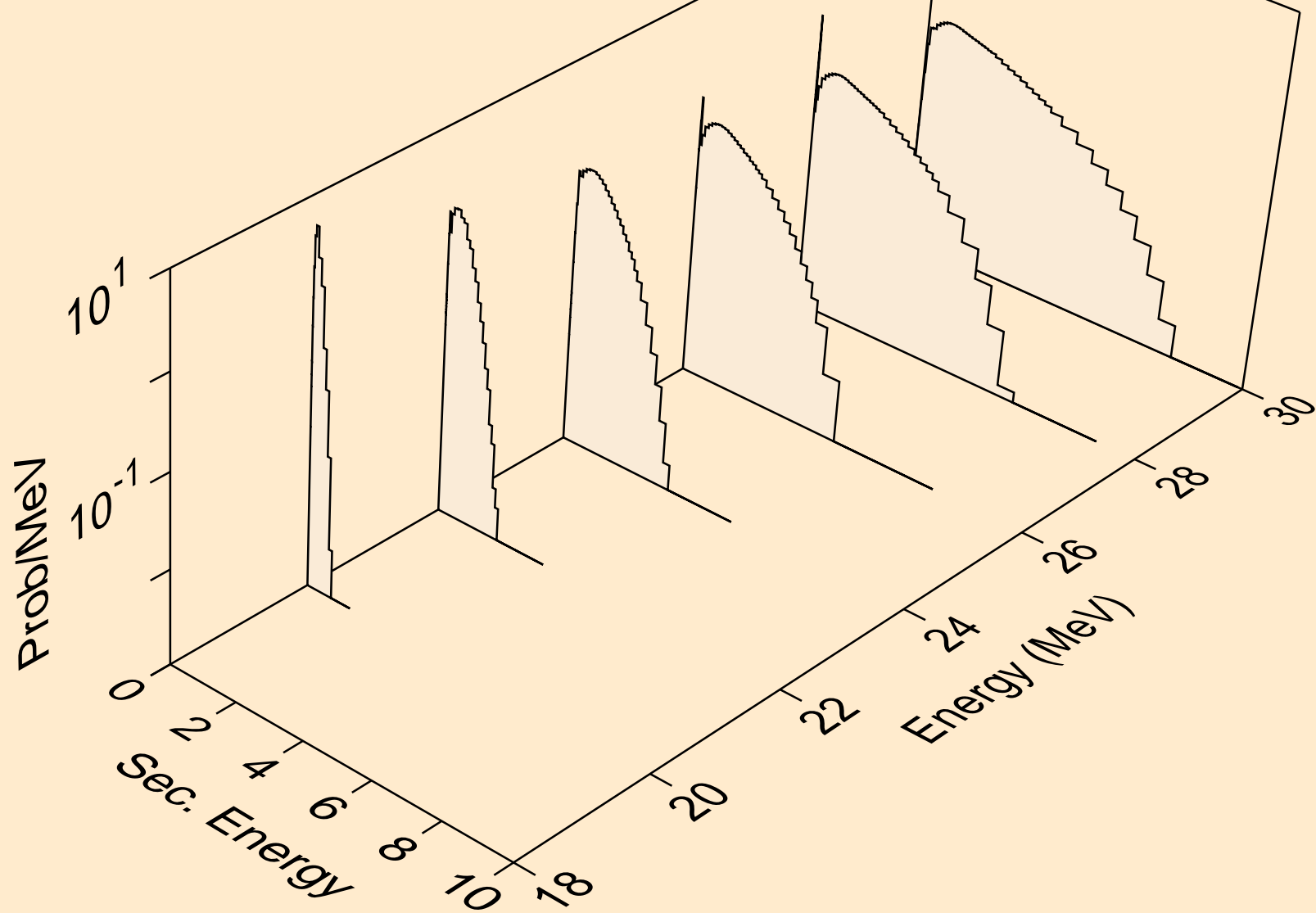
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Neutron emission for (n,3n)



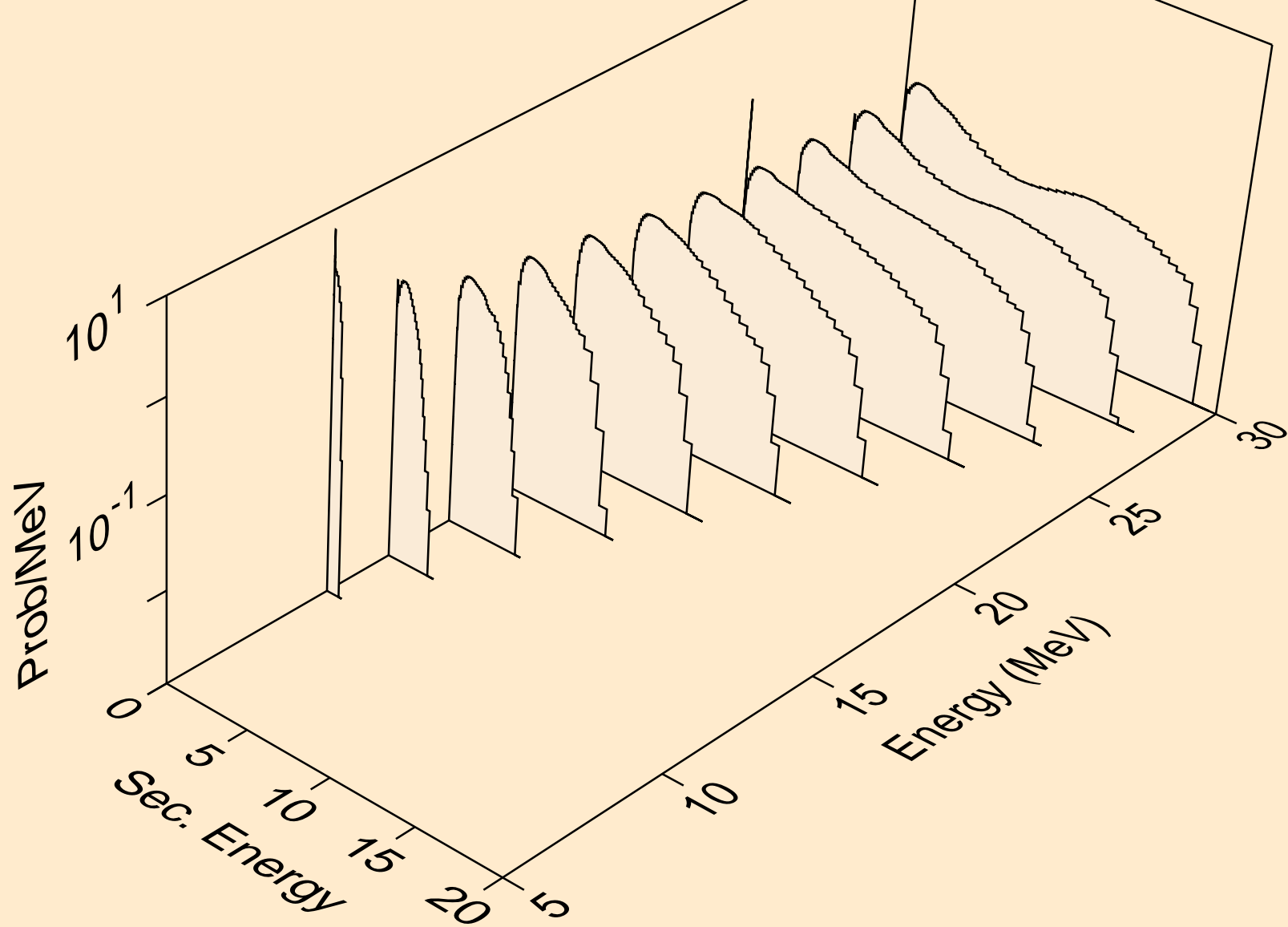
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

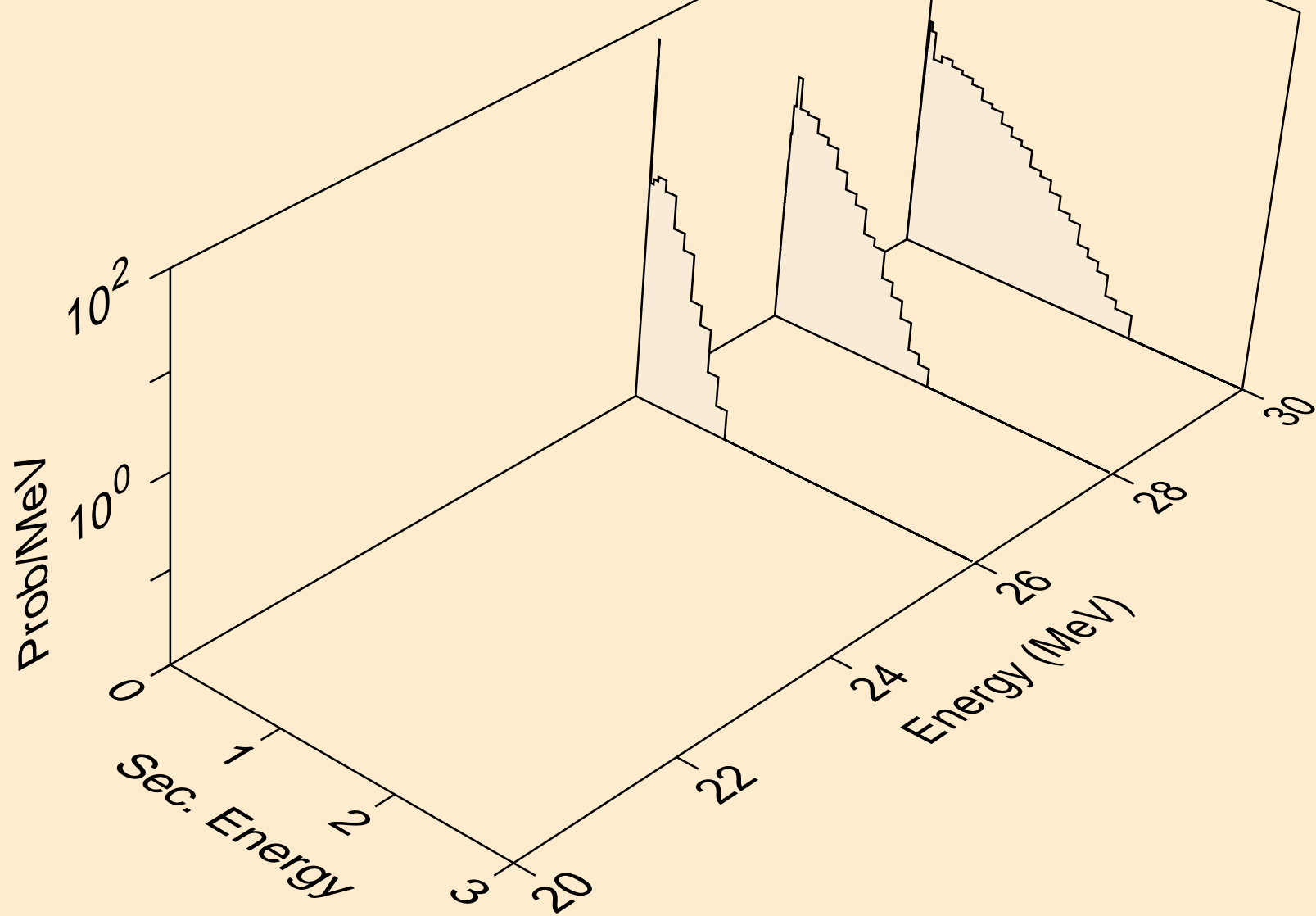


P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

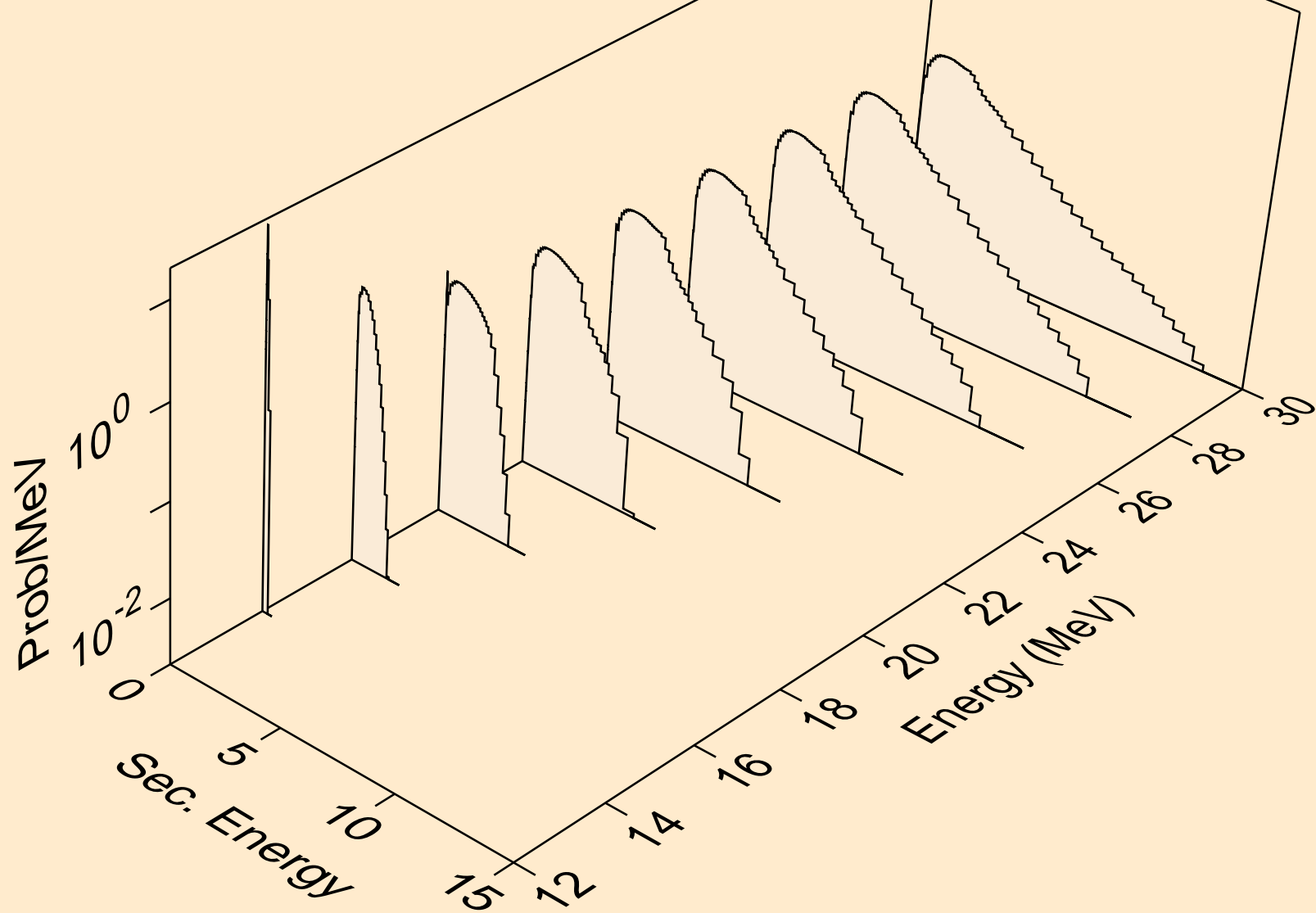




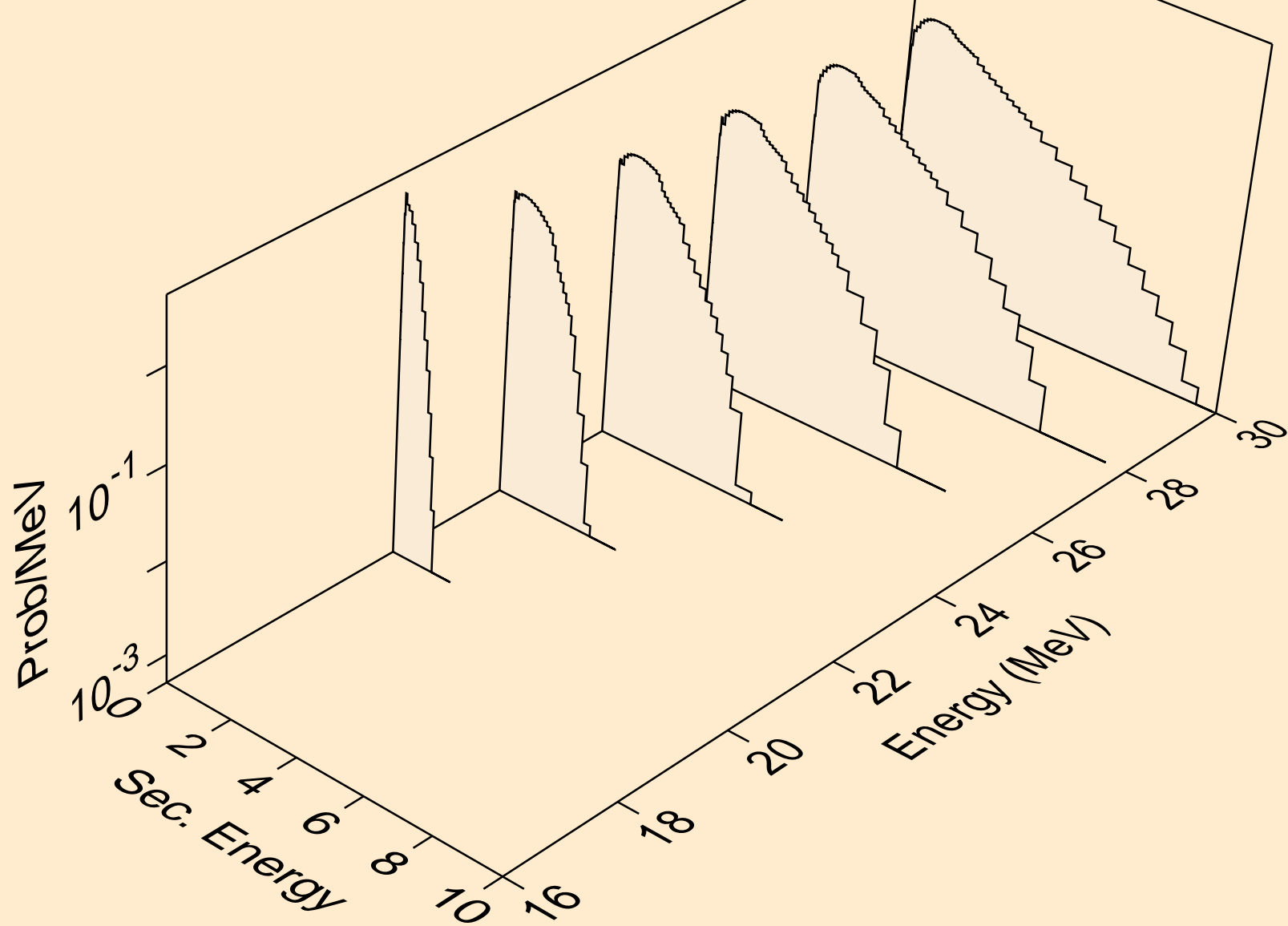
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



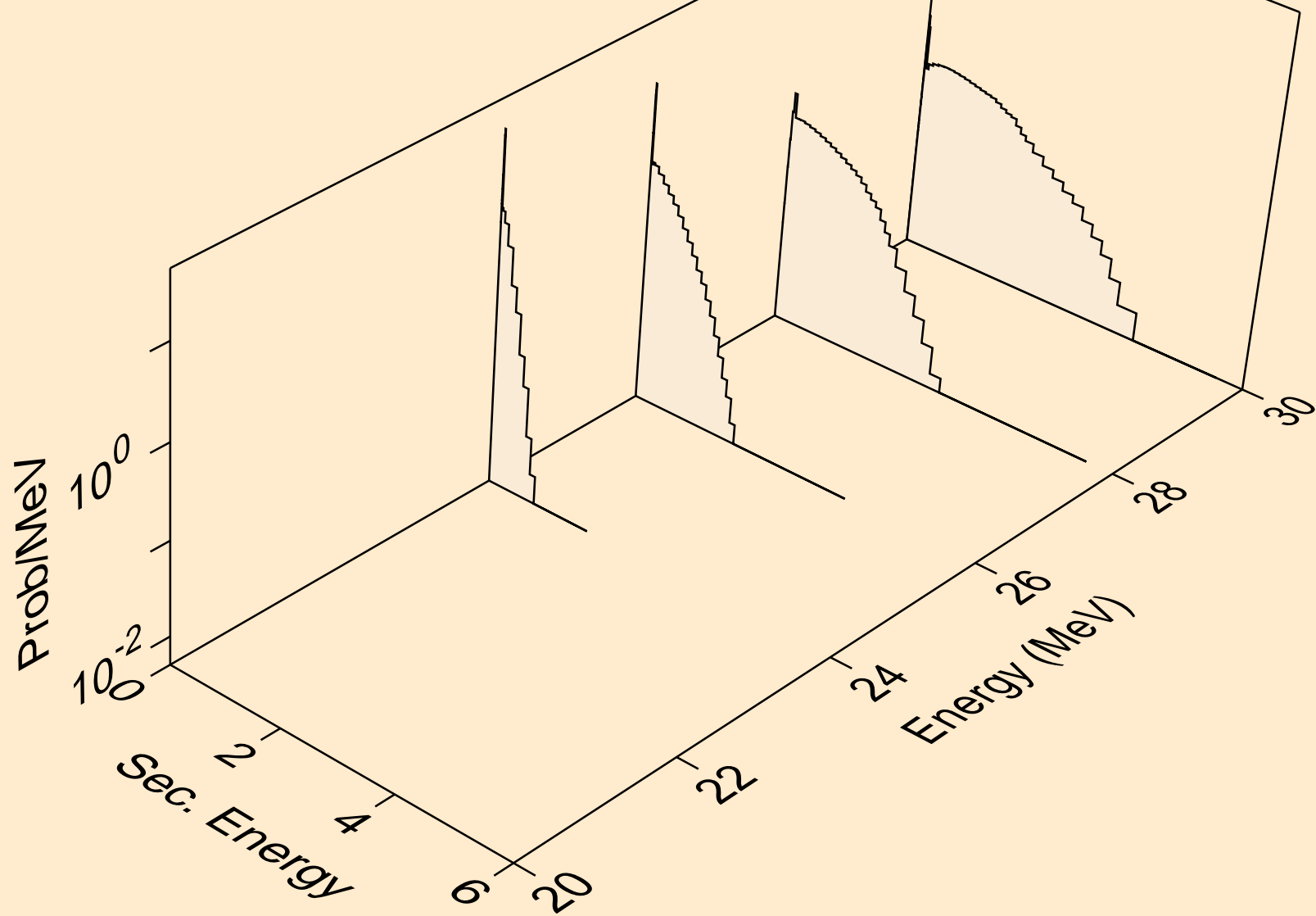
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Neutron emission for (n,n\*)d



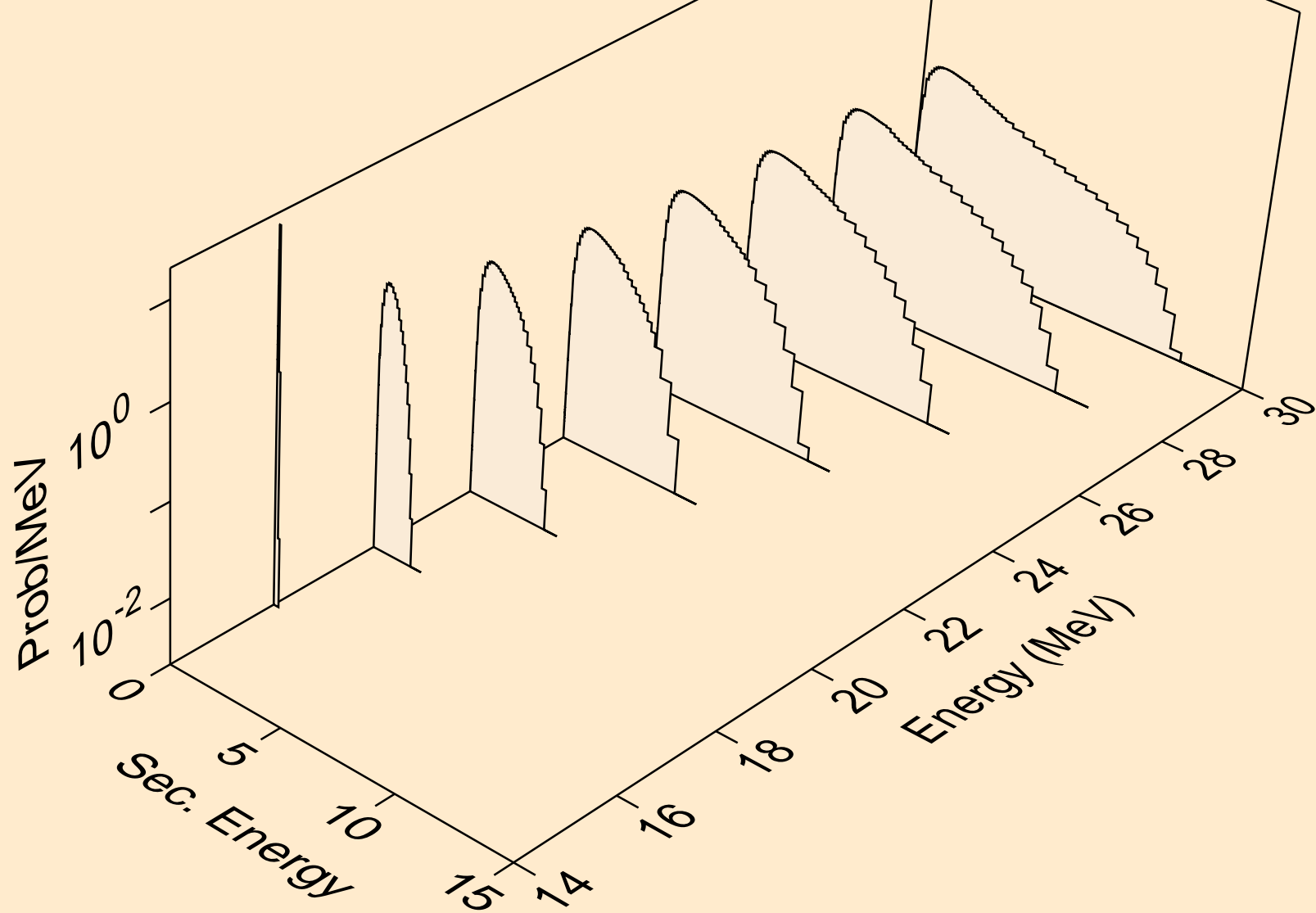
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



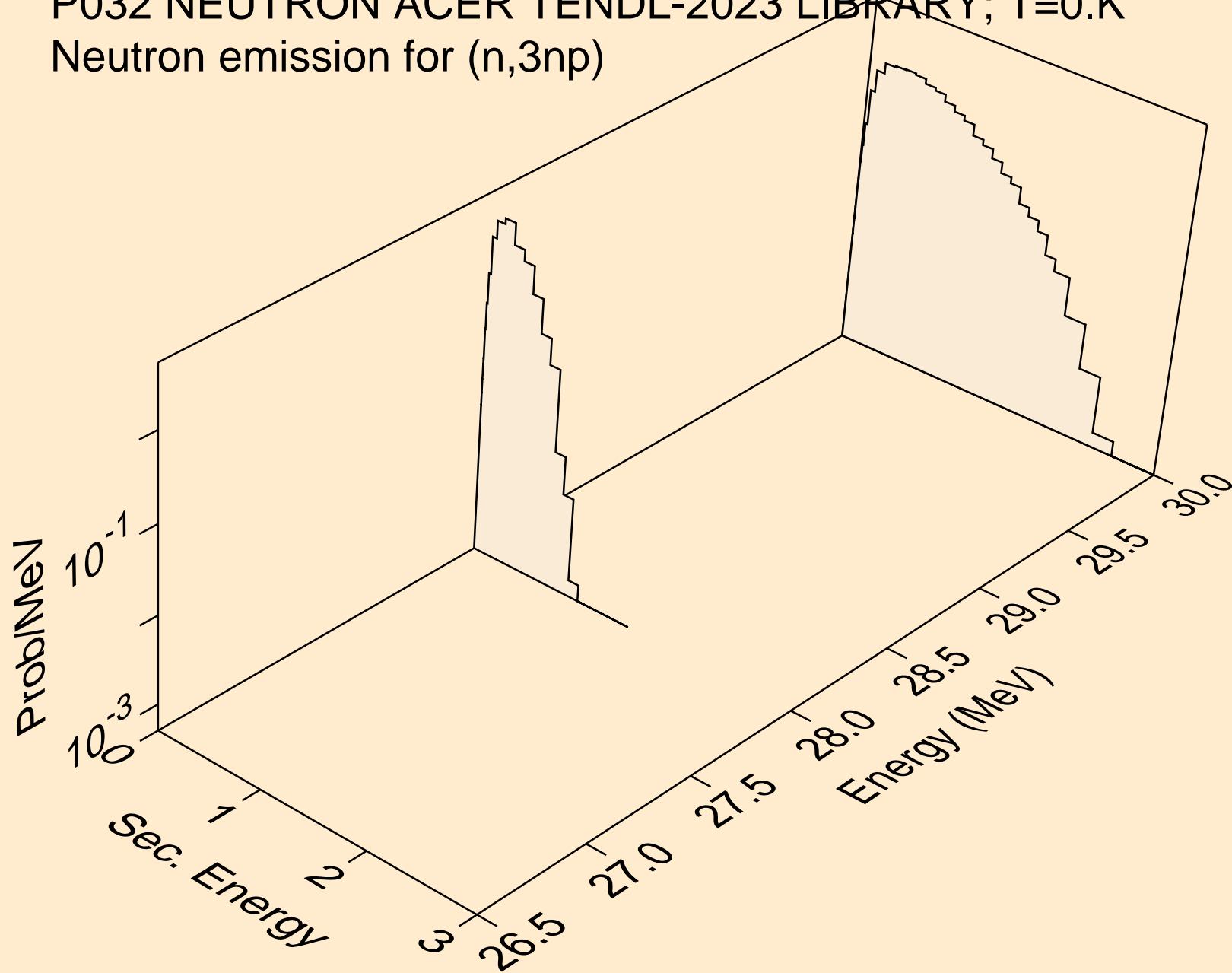
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Neutron emission for (n,n\*)he3



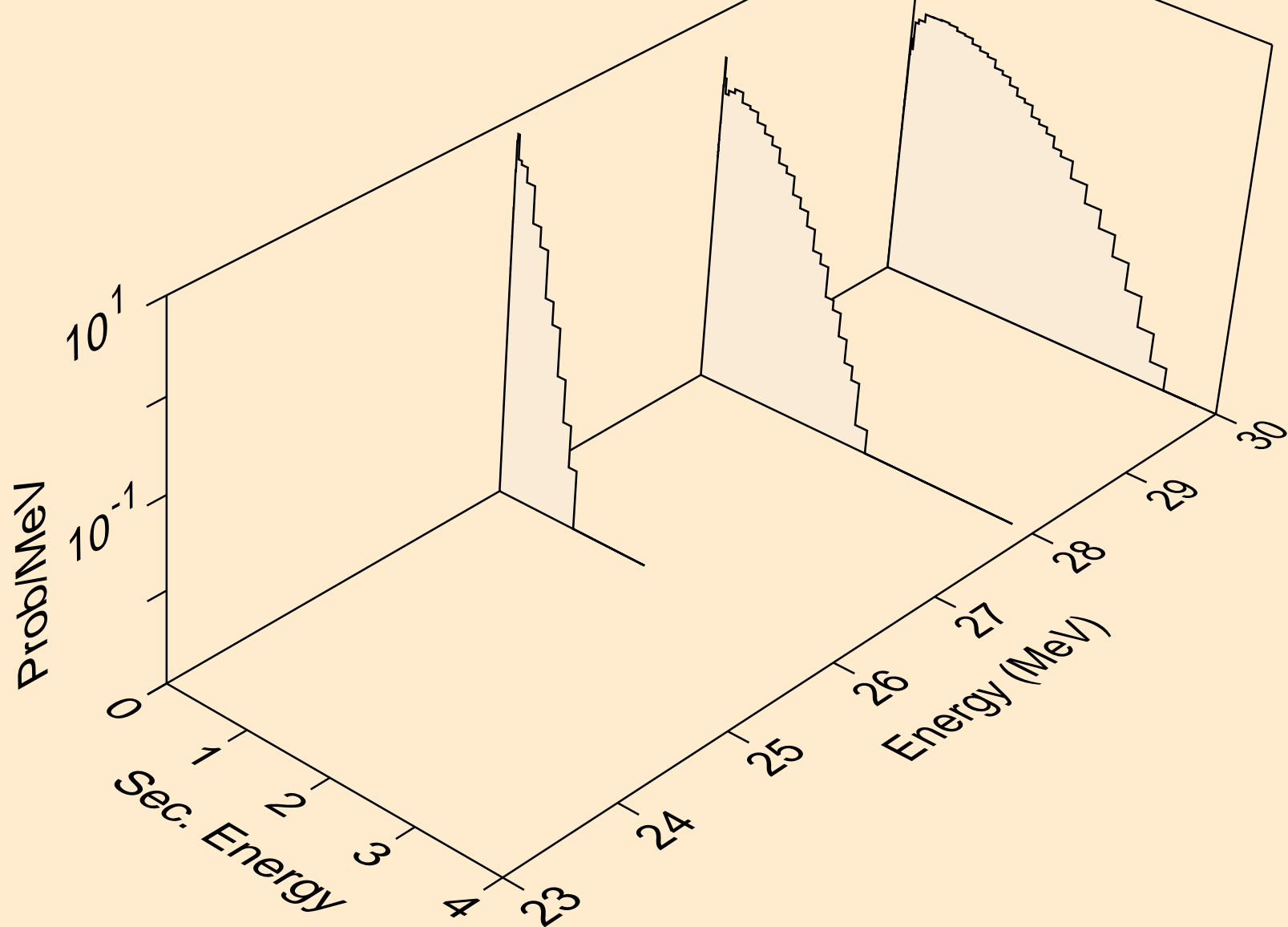
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Neutron emission for (n,2np)



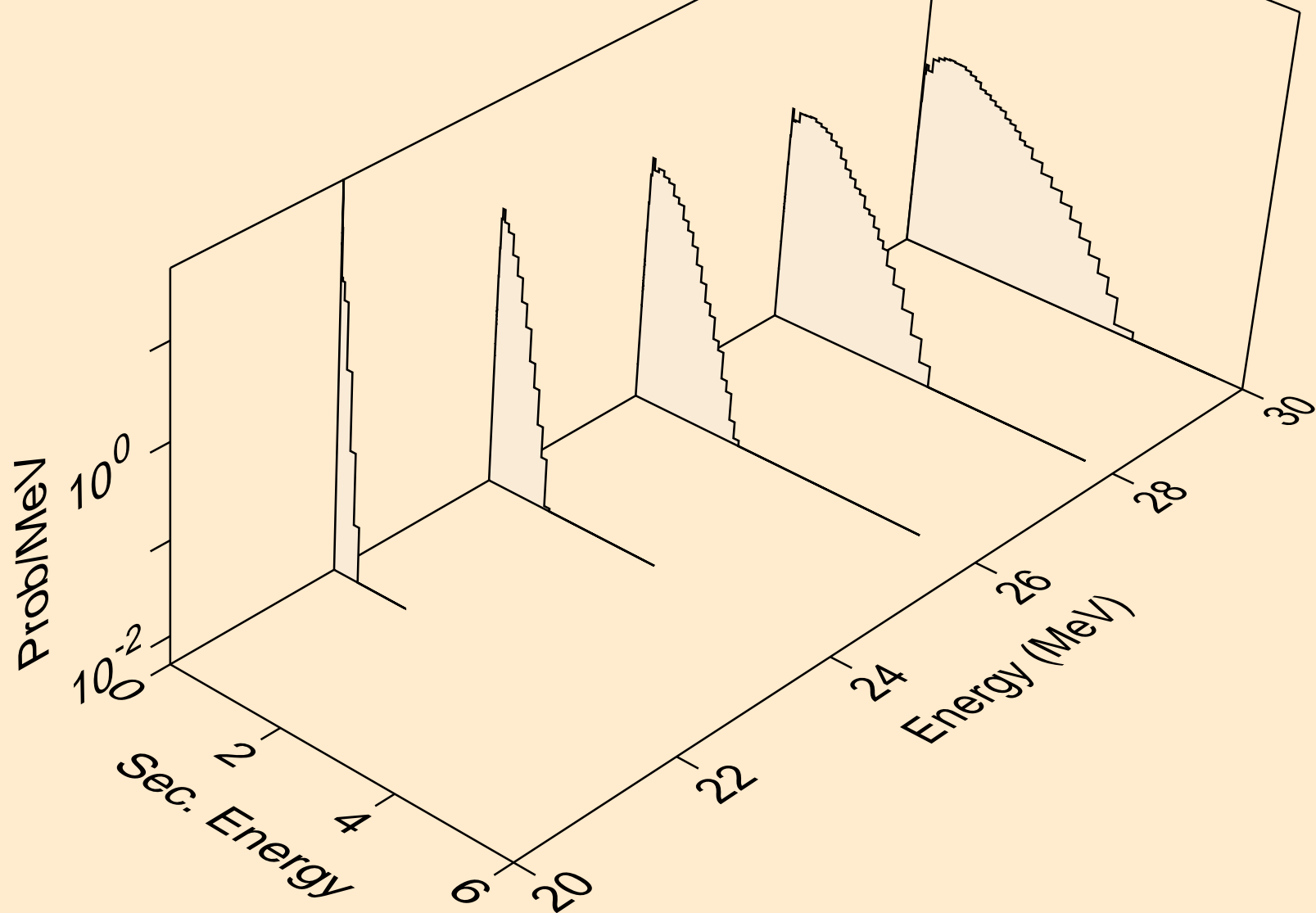
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

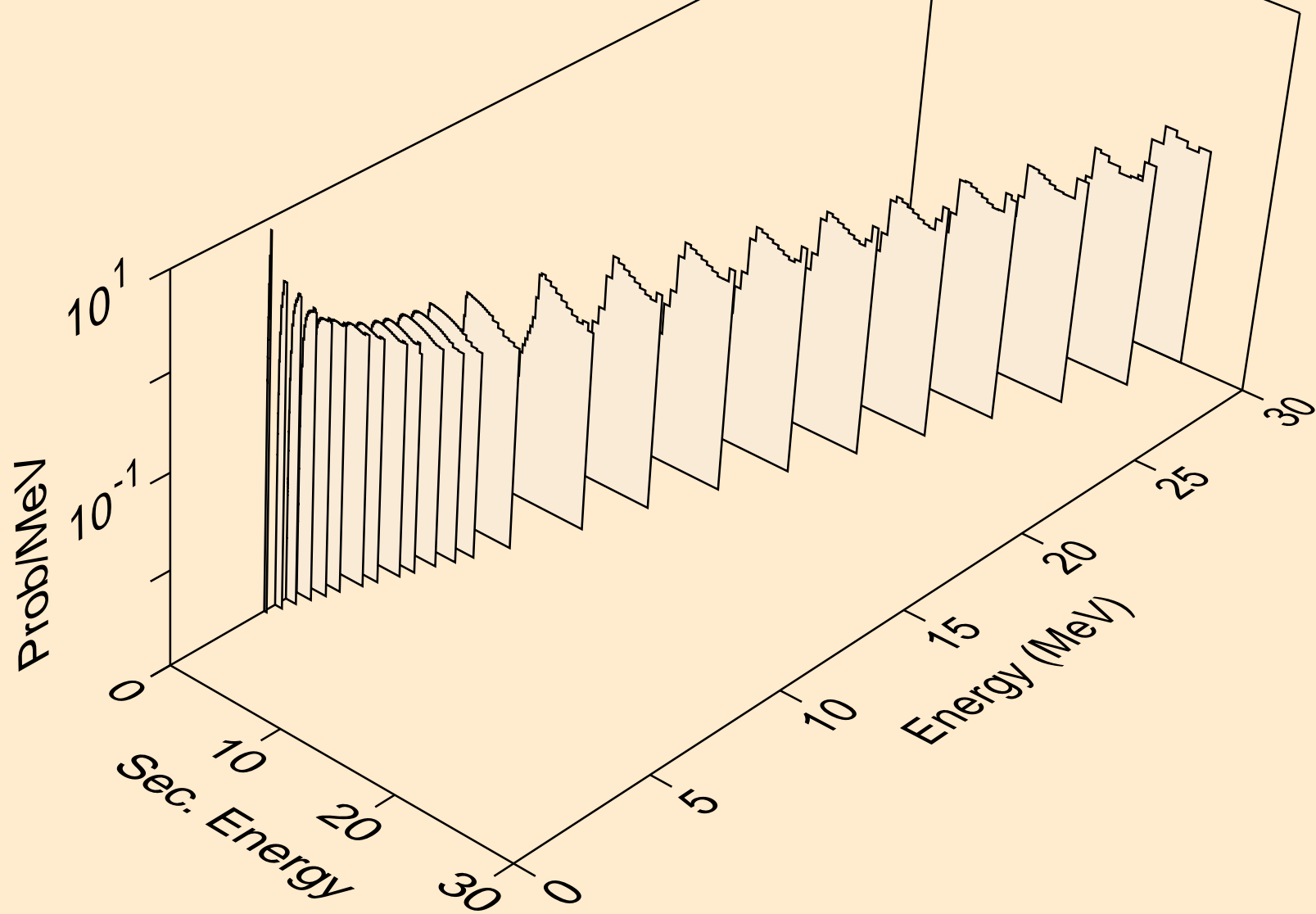


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Neutron emission for (n,npa)

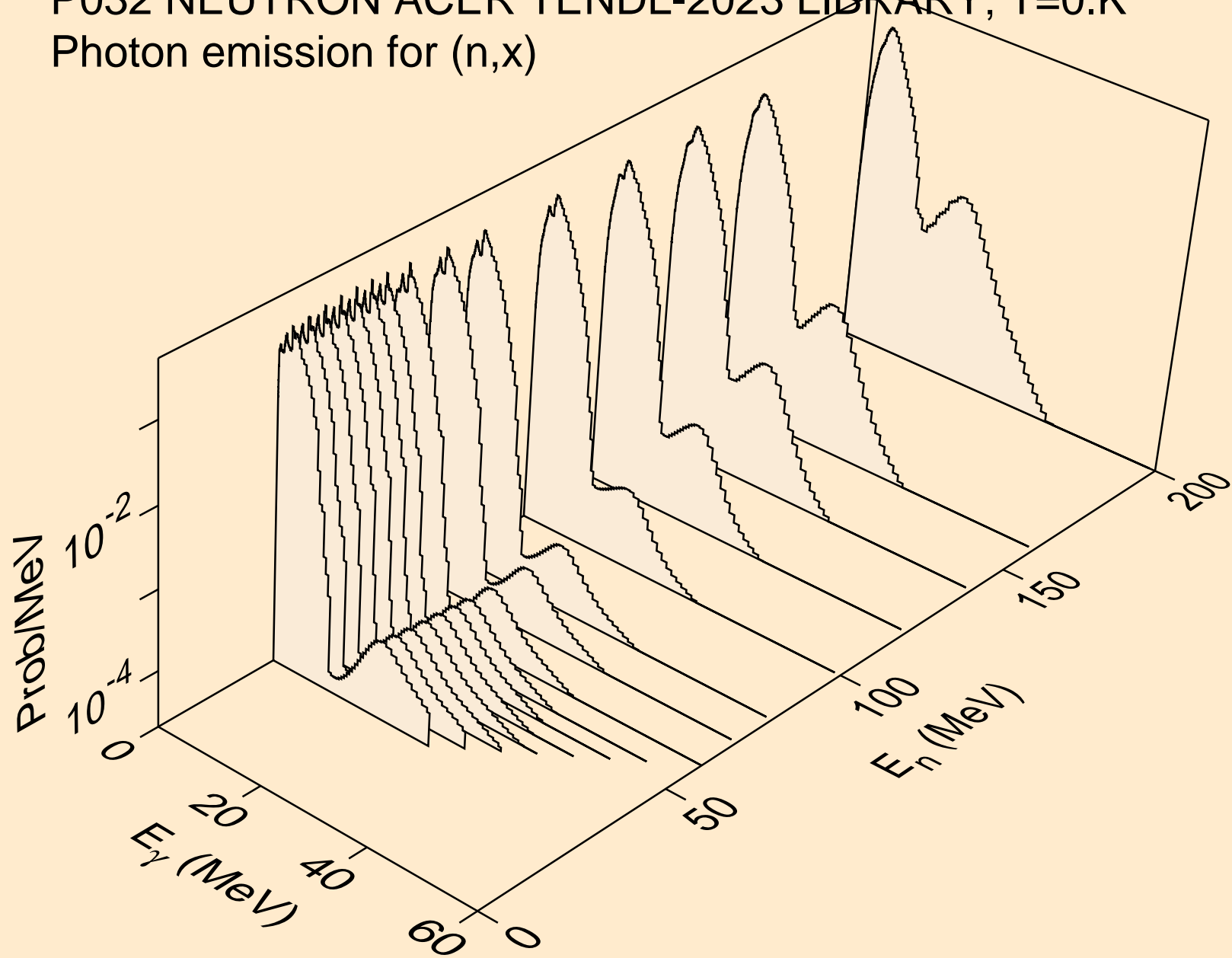




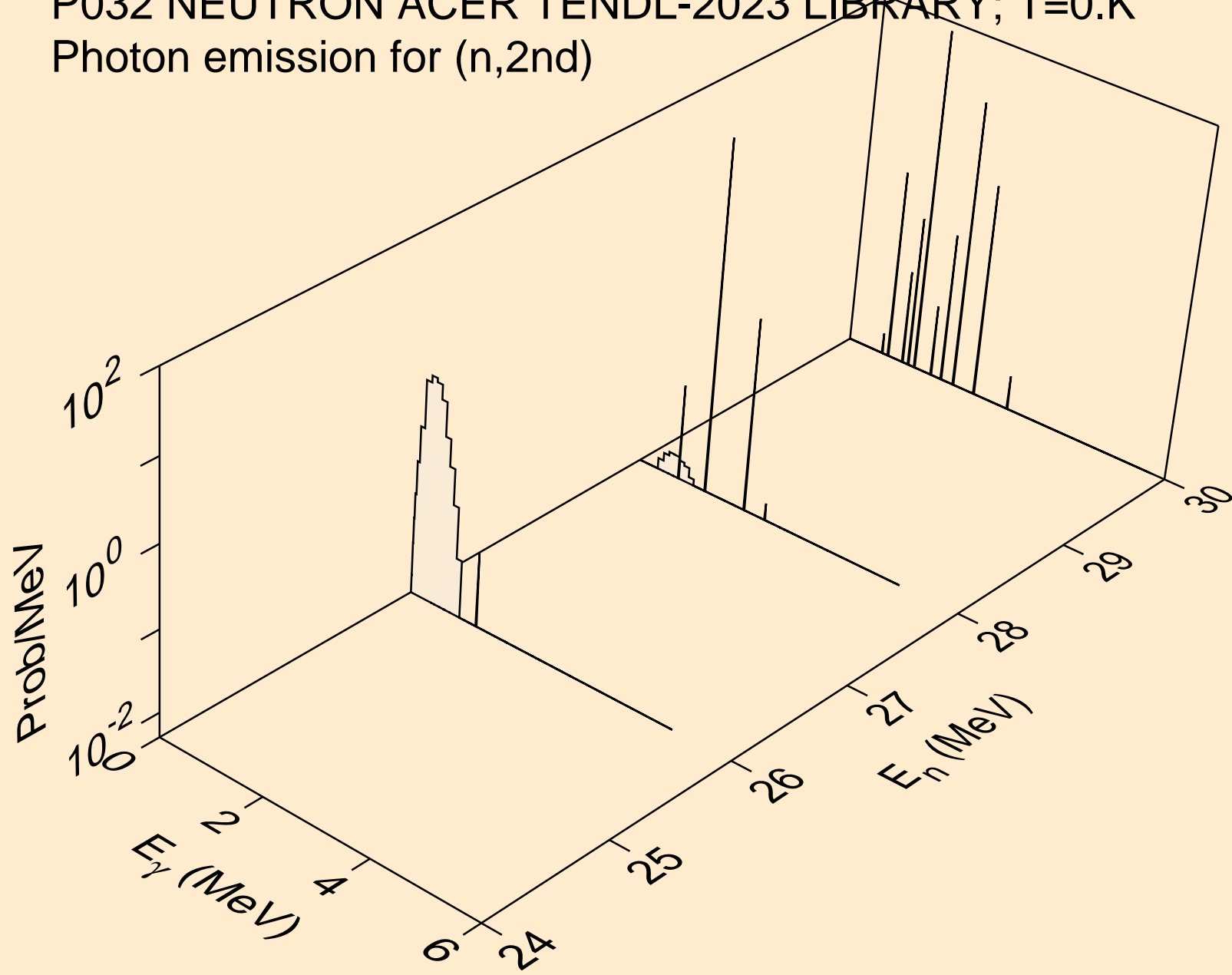
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Neutron emission for (n,n\*c)



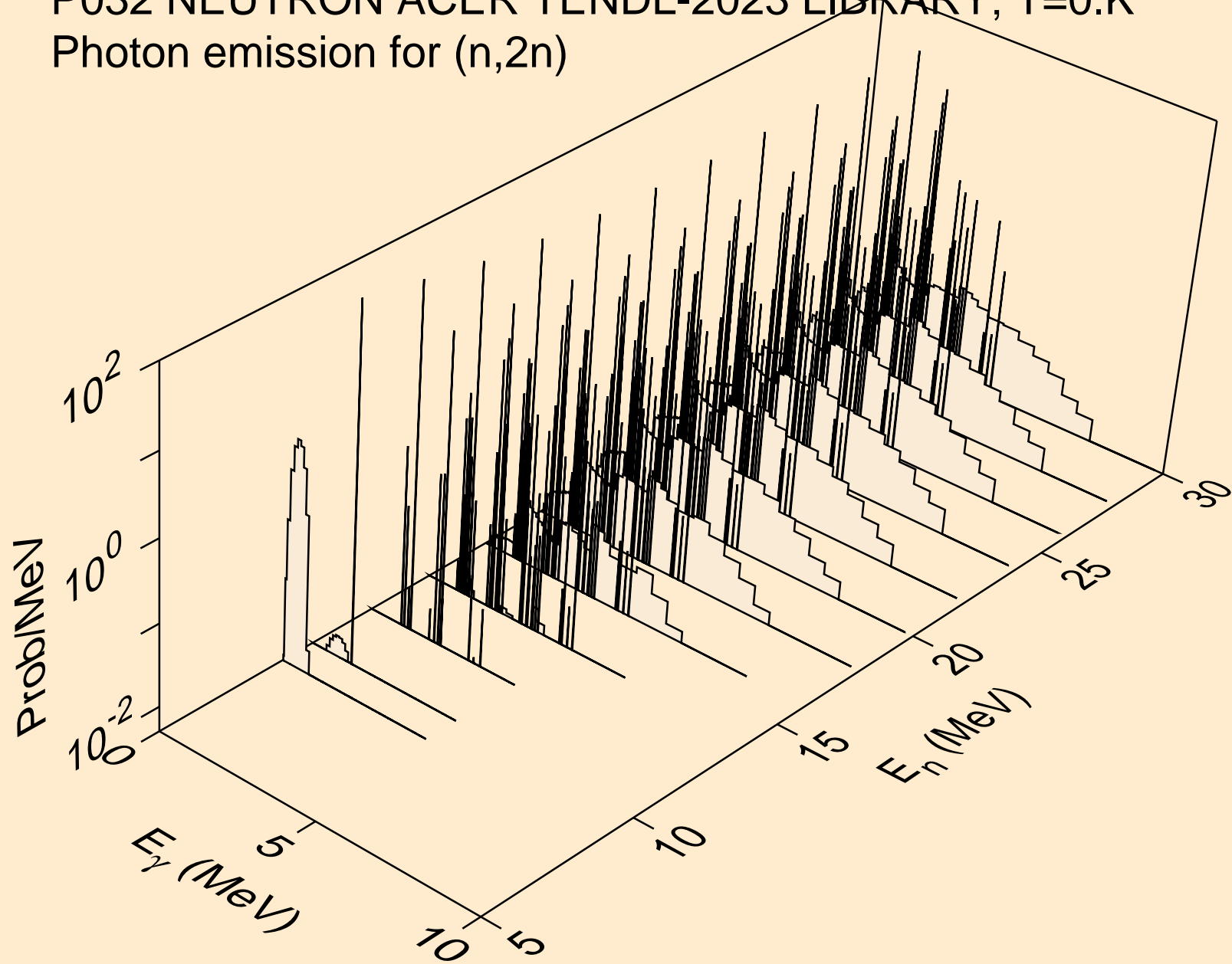
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



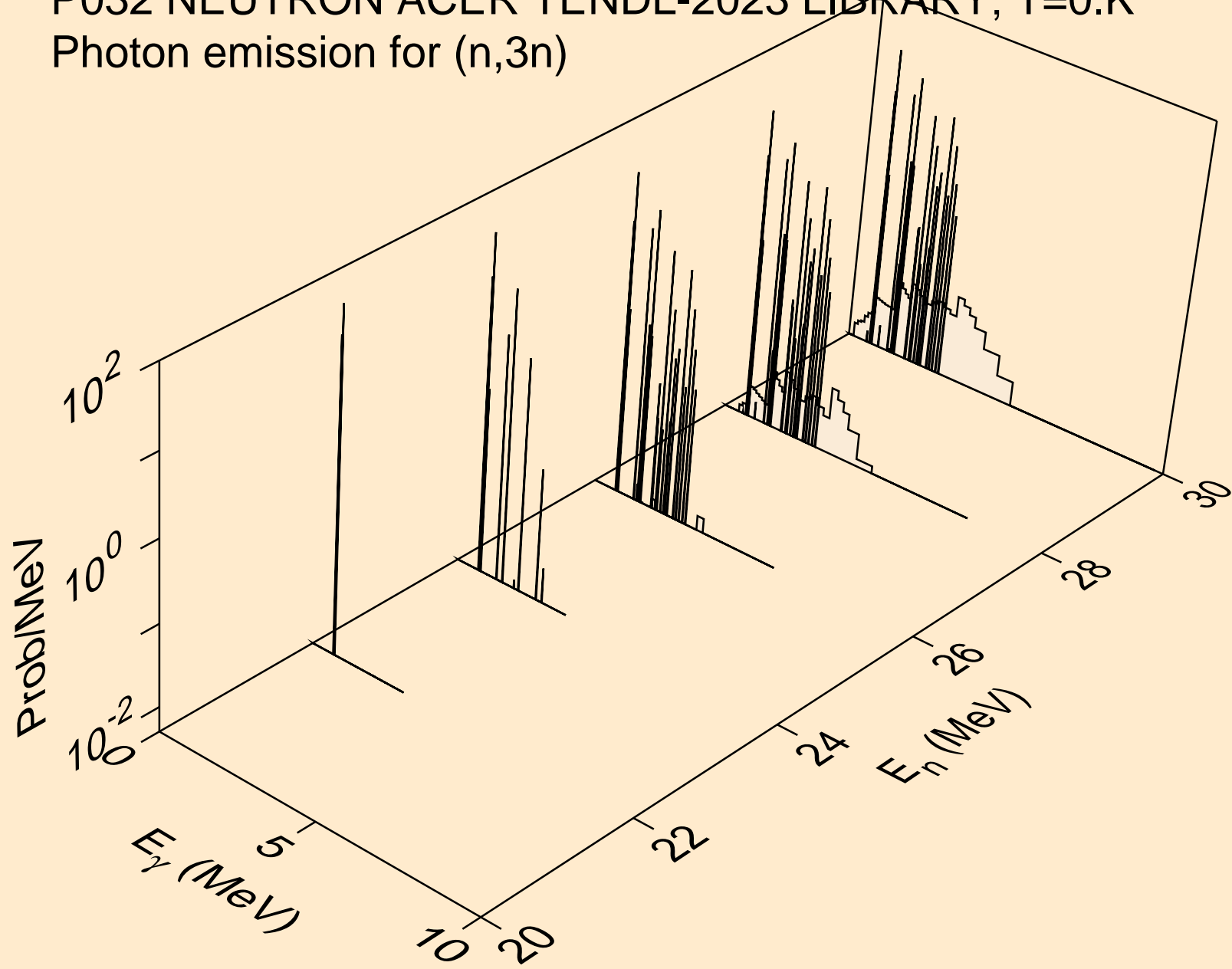
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Photon emission for (n,2nd)



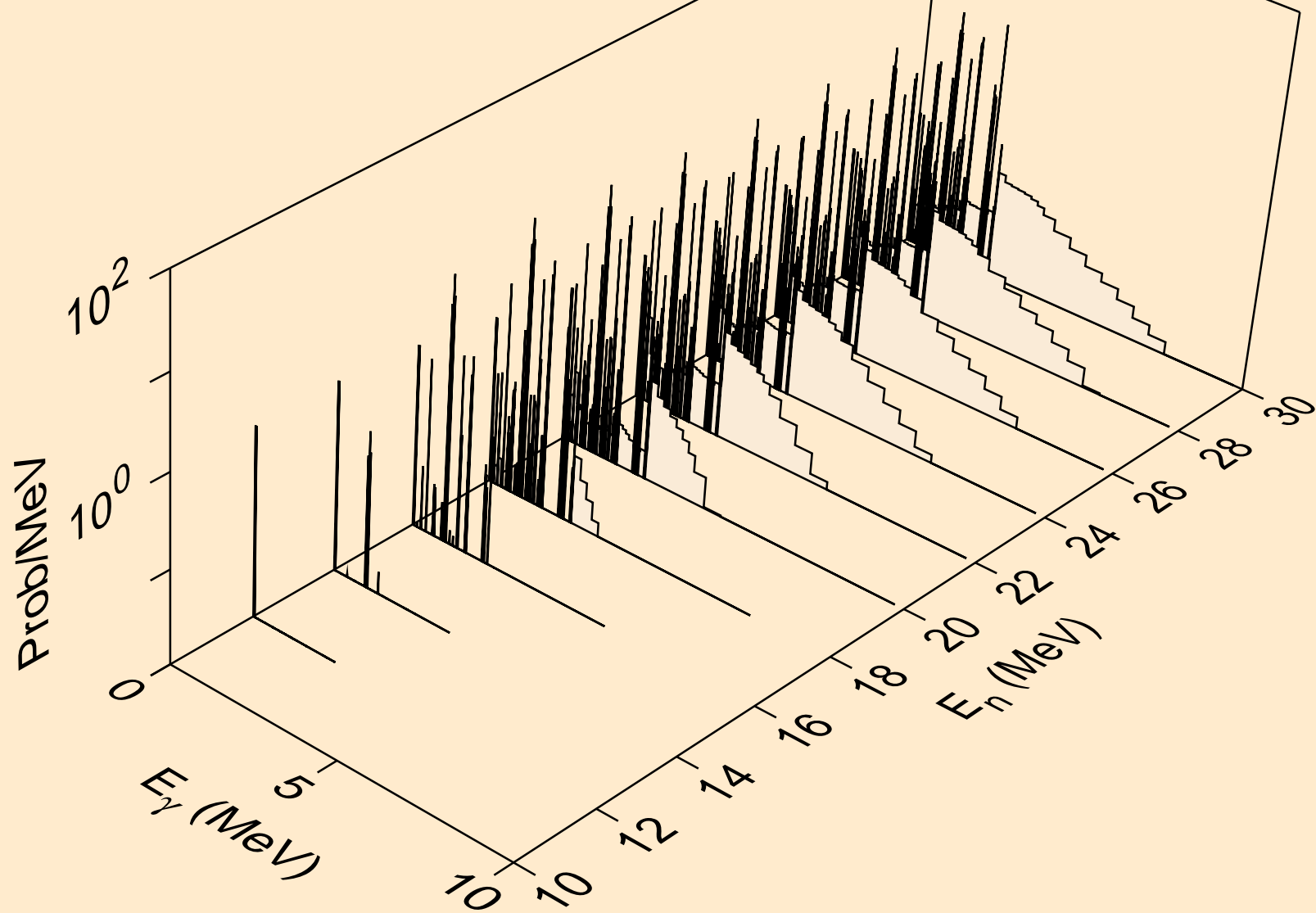
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Photon emission for (n,2n)



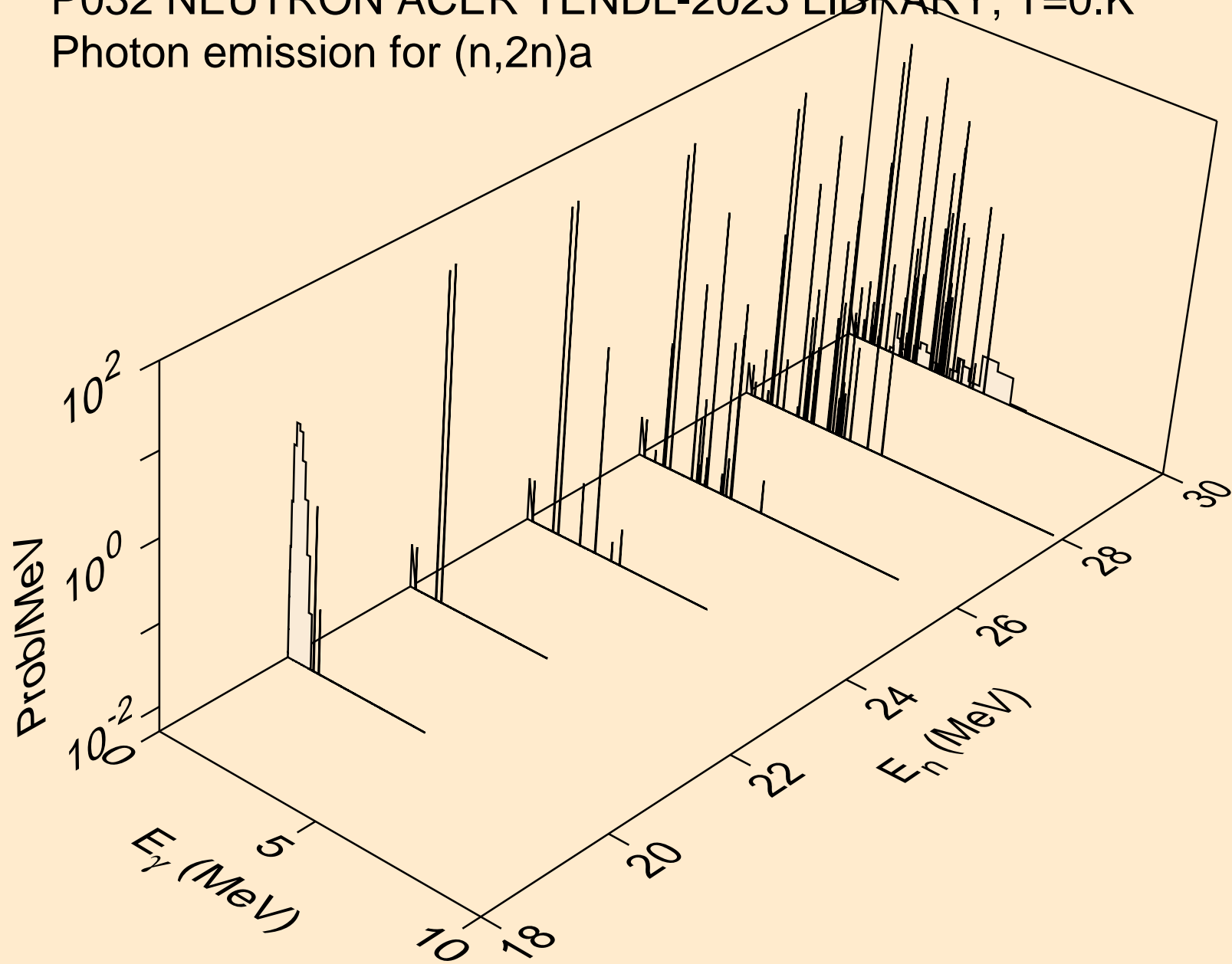
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Photon emission for (n,3n)



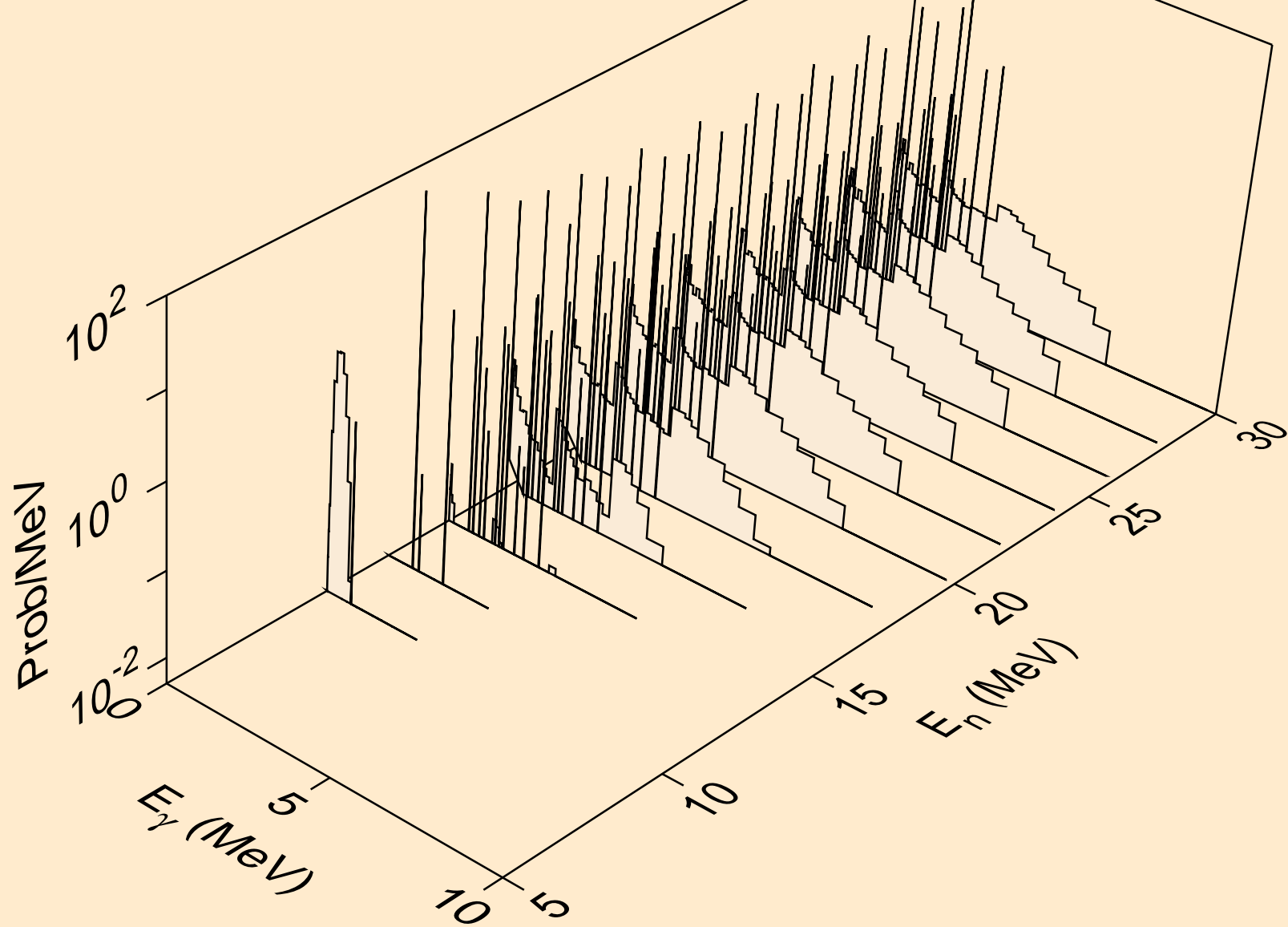
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

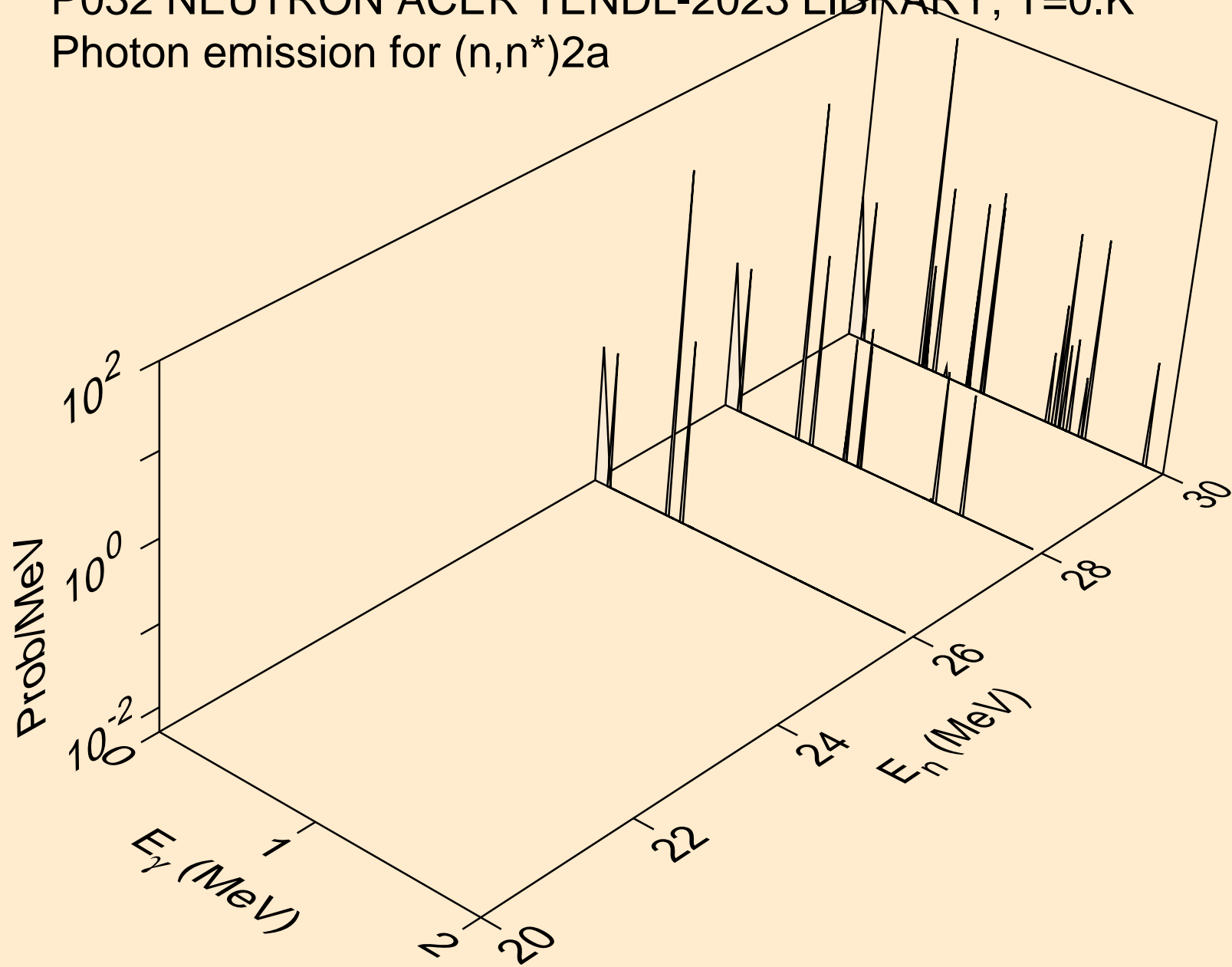


P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

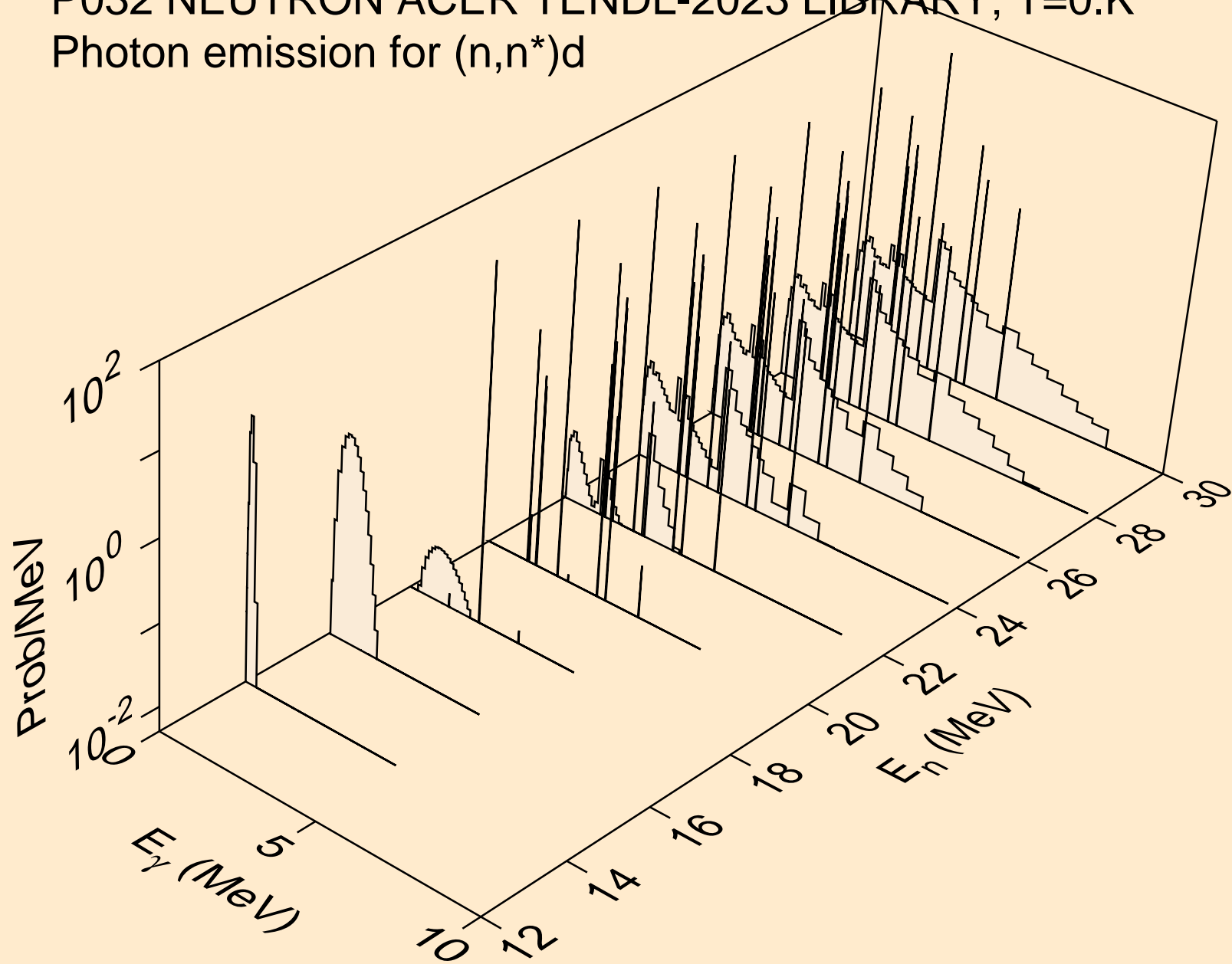




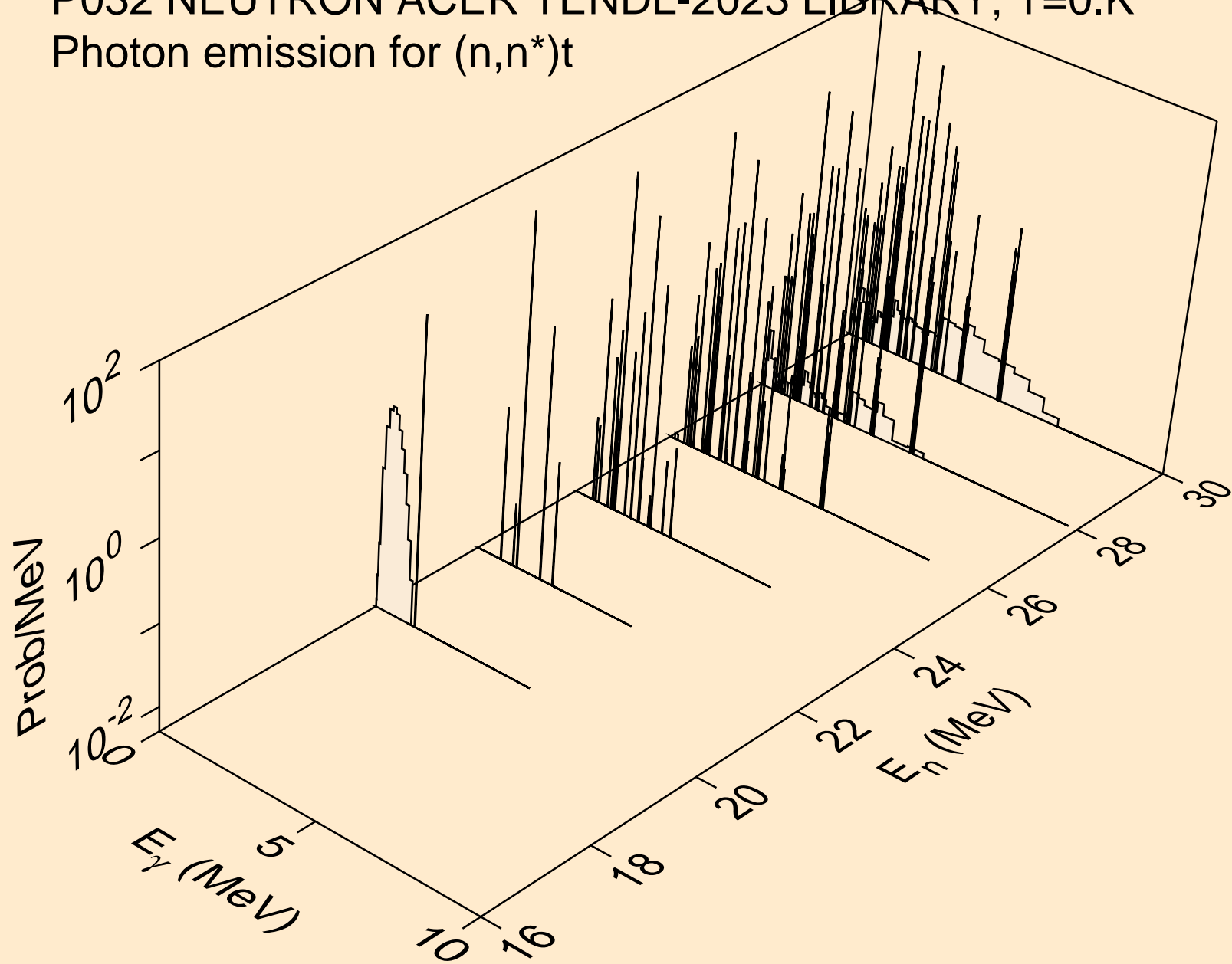
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Photon emission for (n,n\*)2a



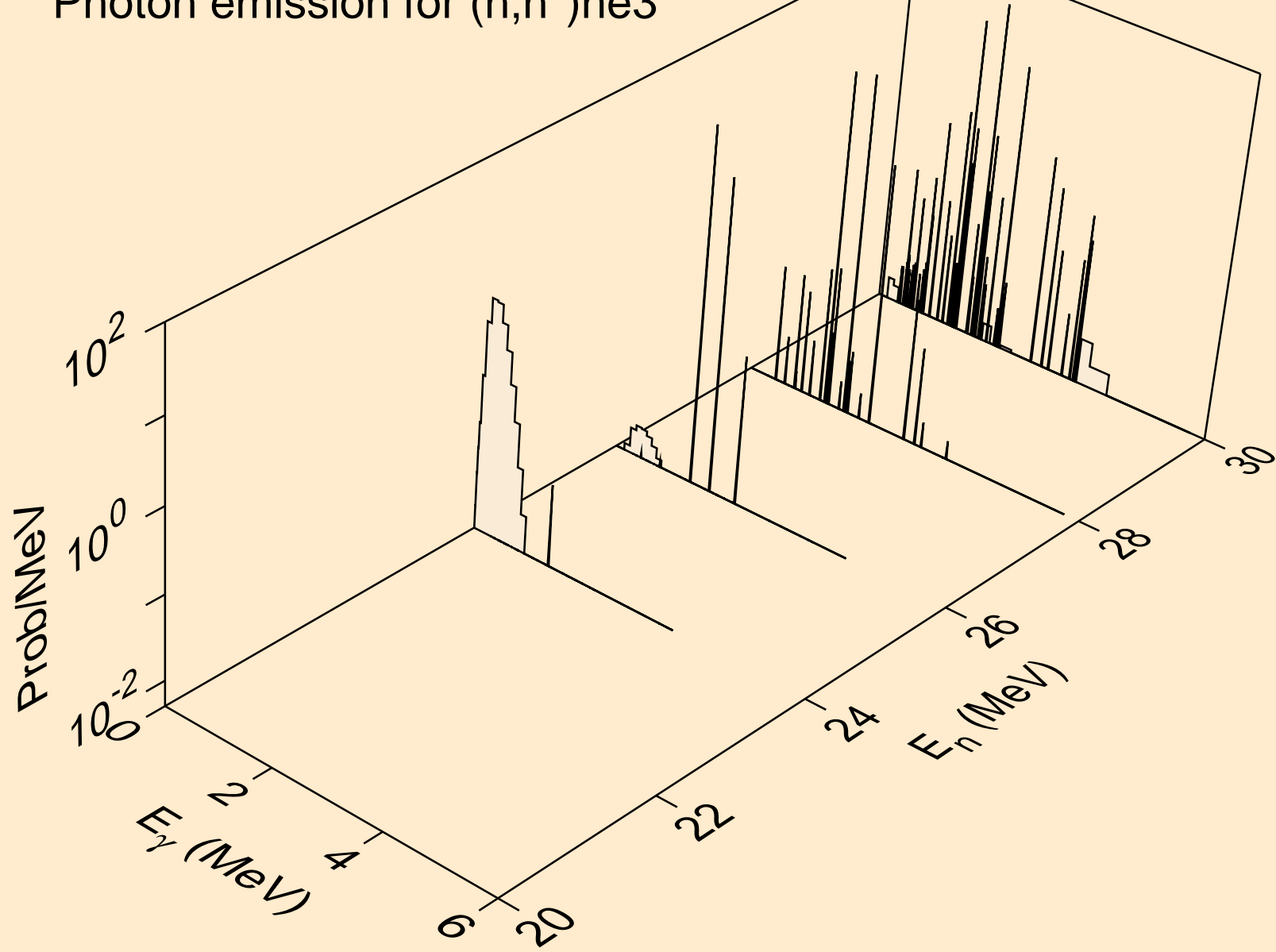
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Photon emission for (n,n\*)d



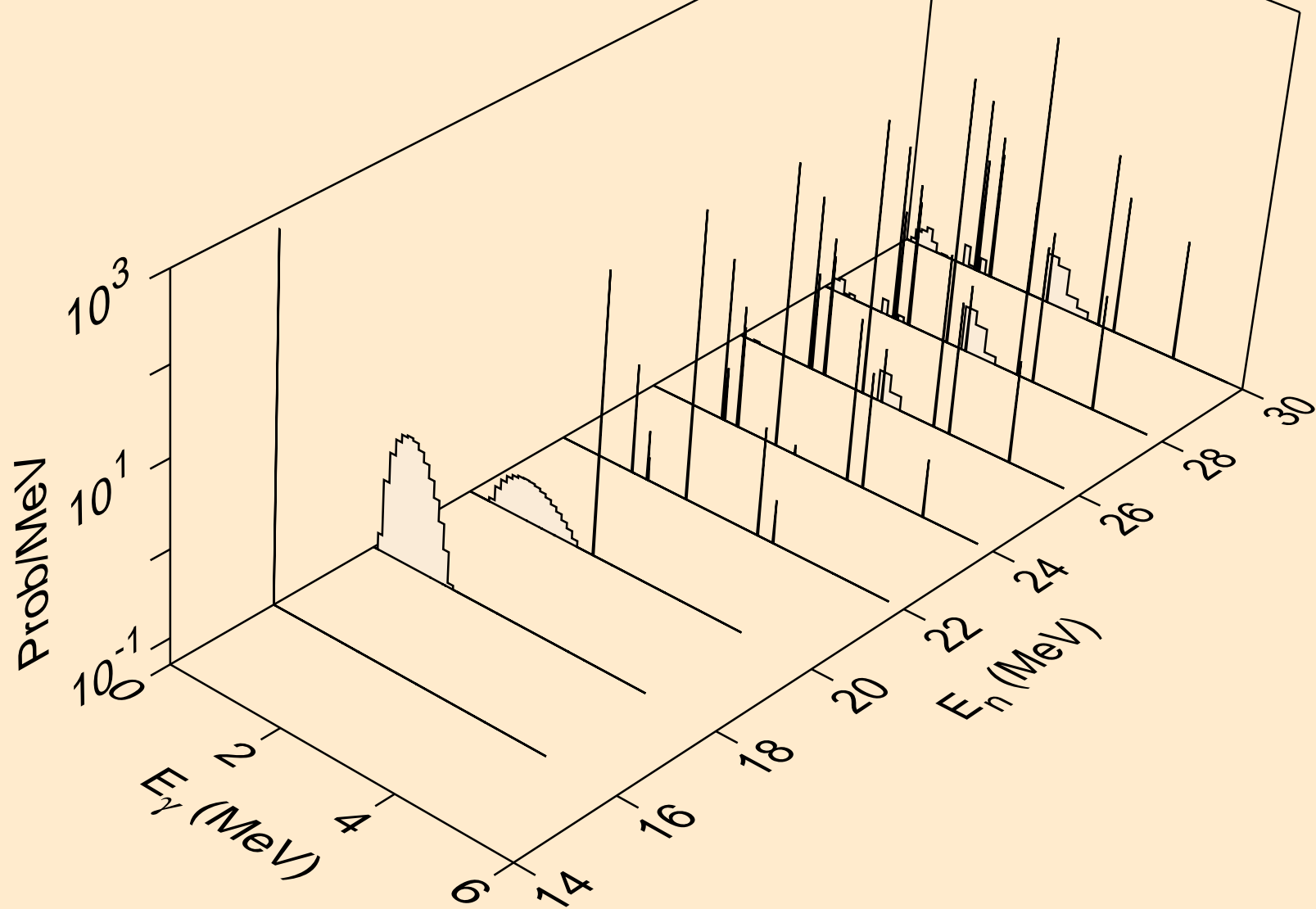
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



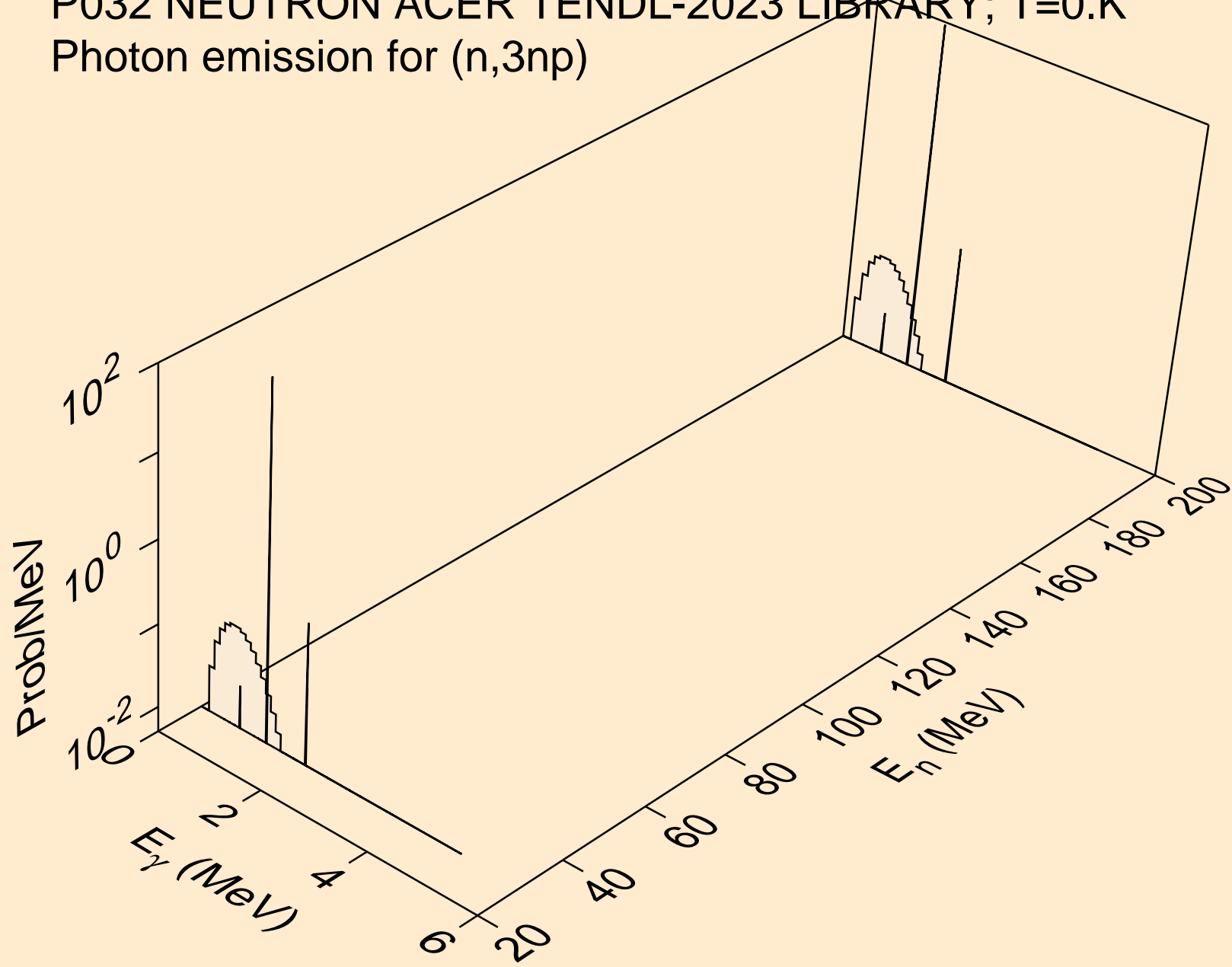
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



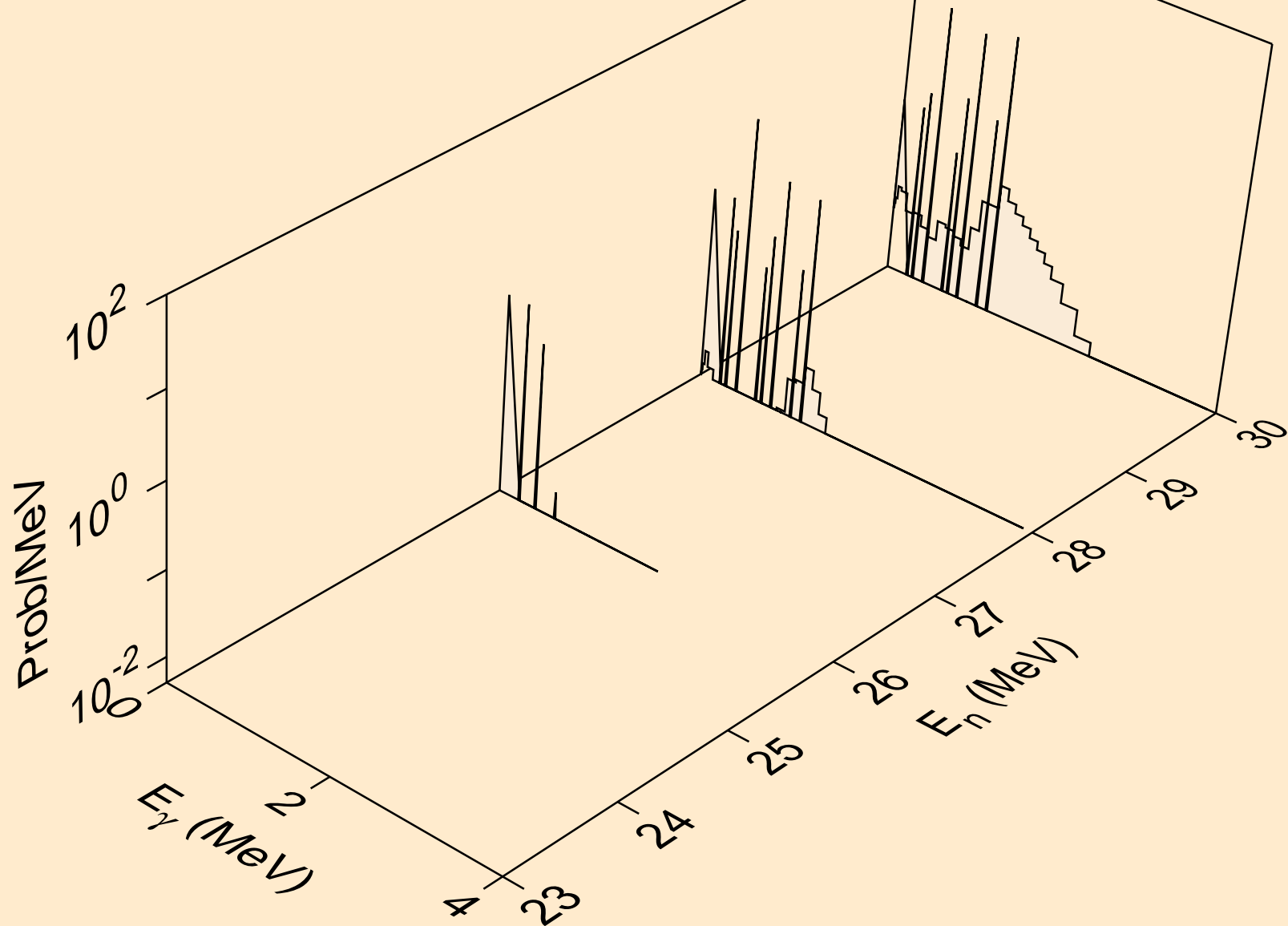
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



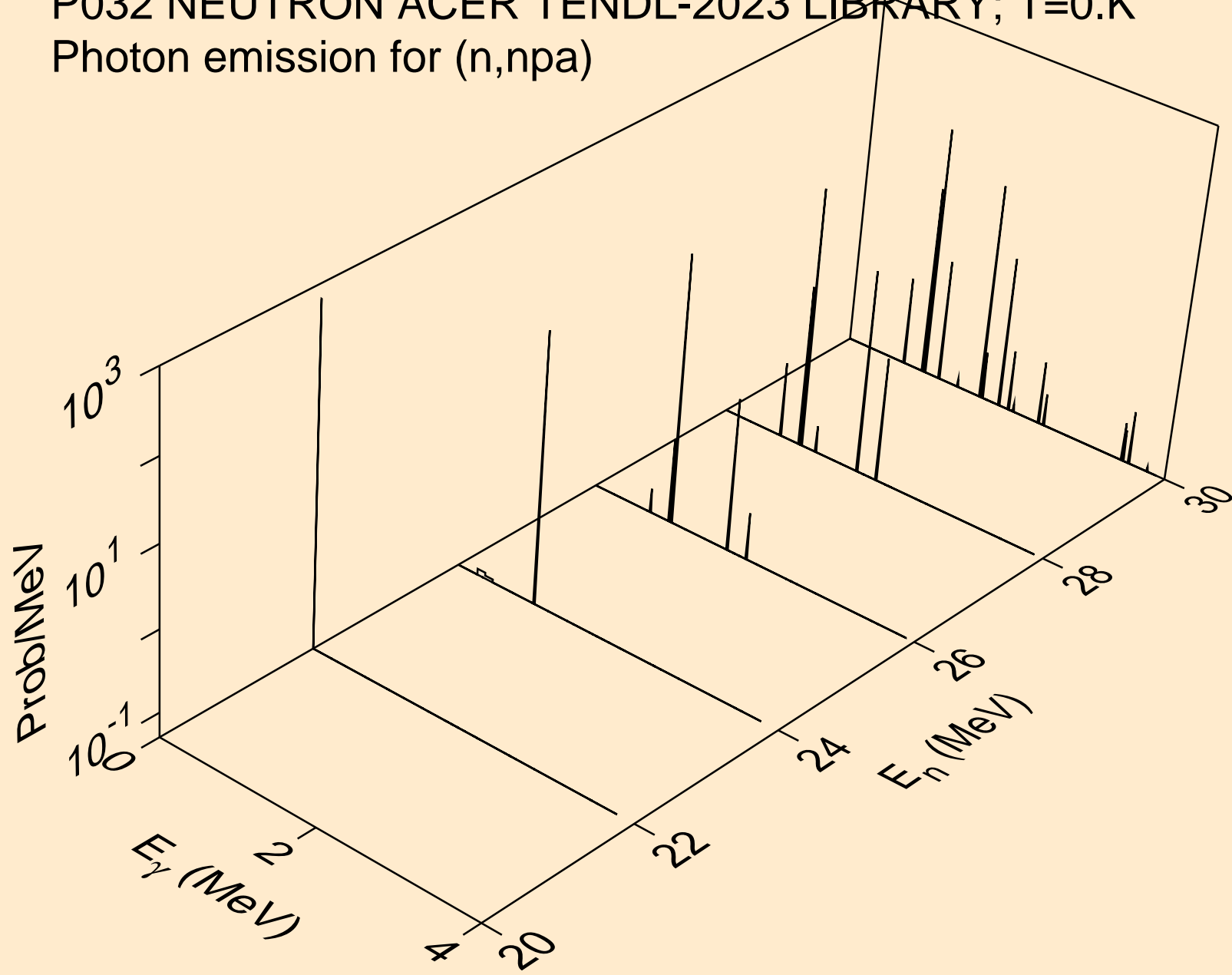
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

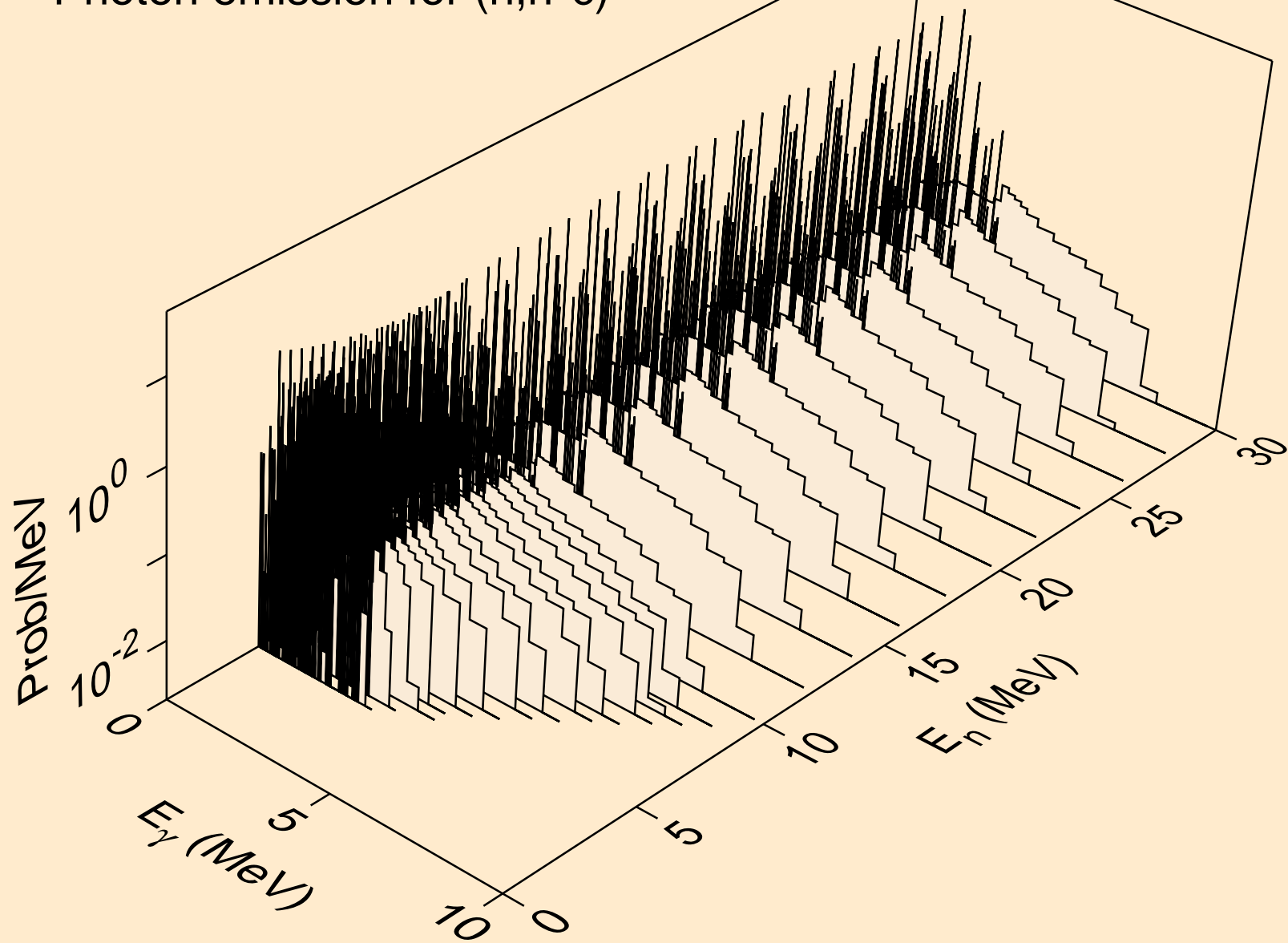


P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

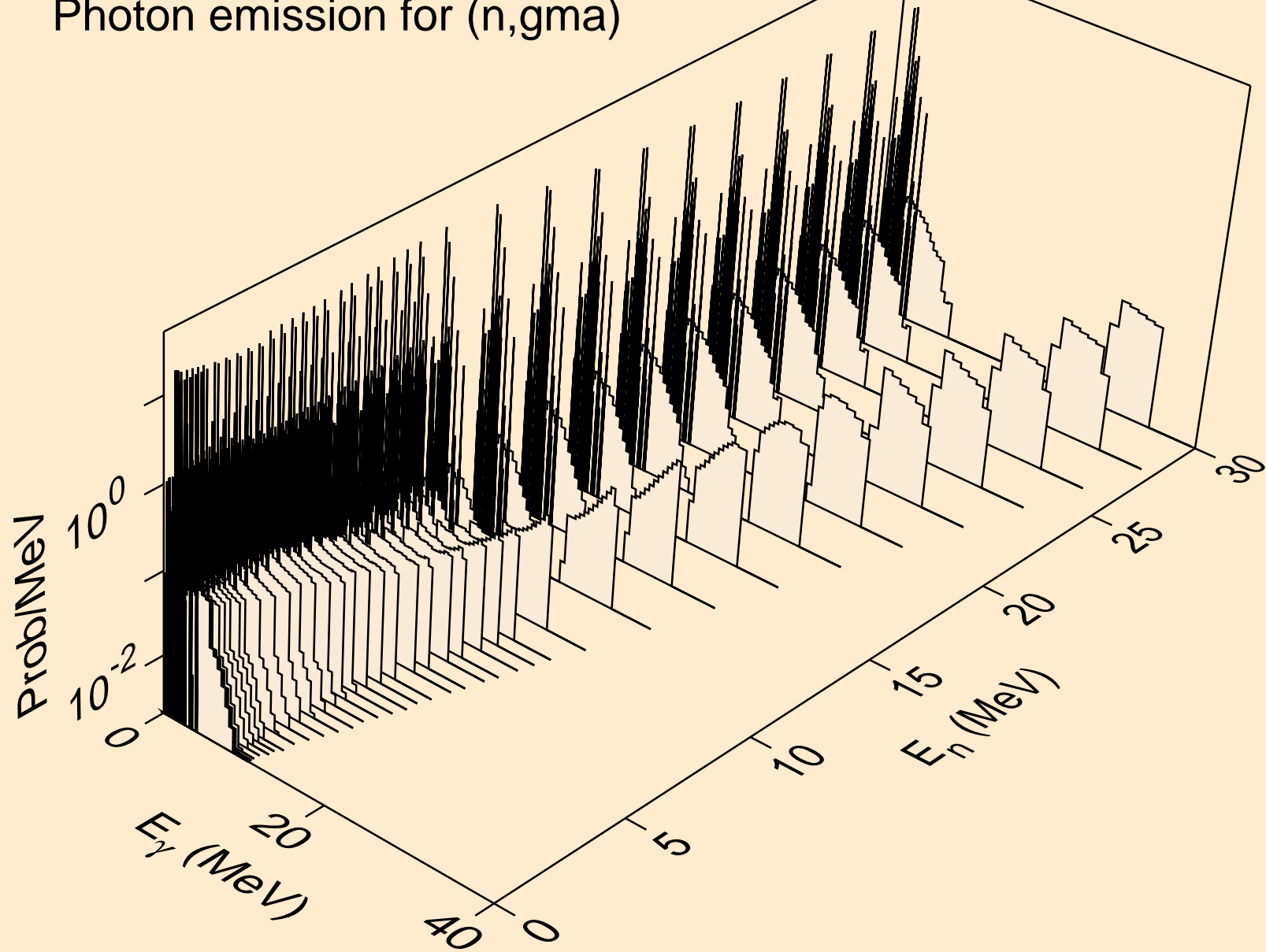




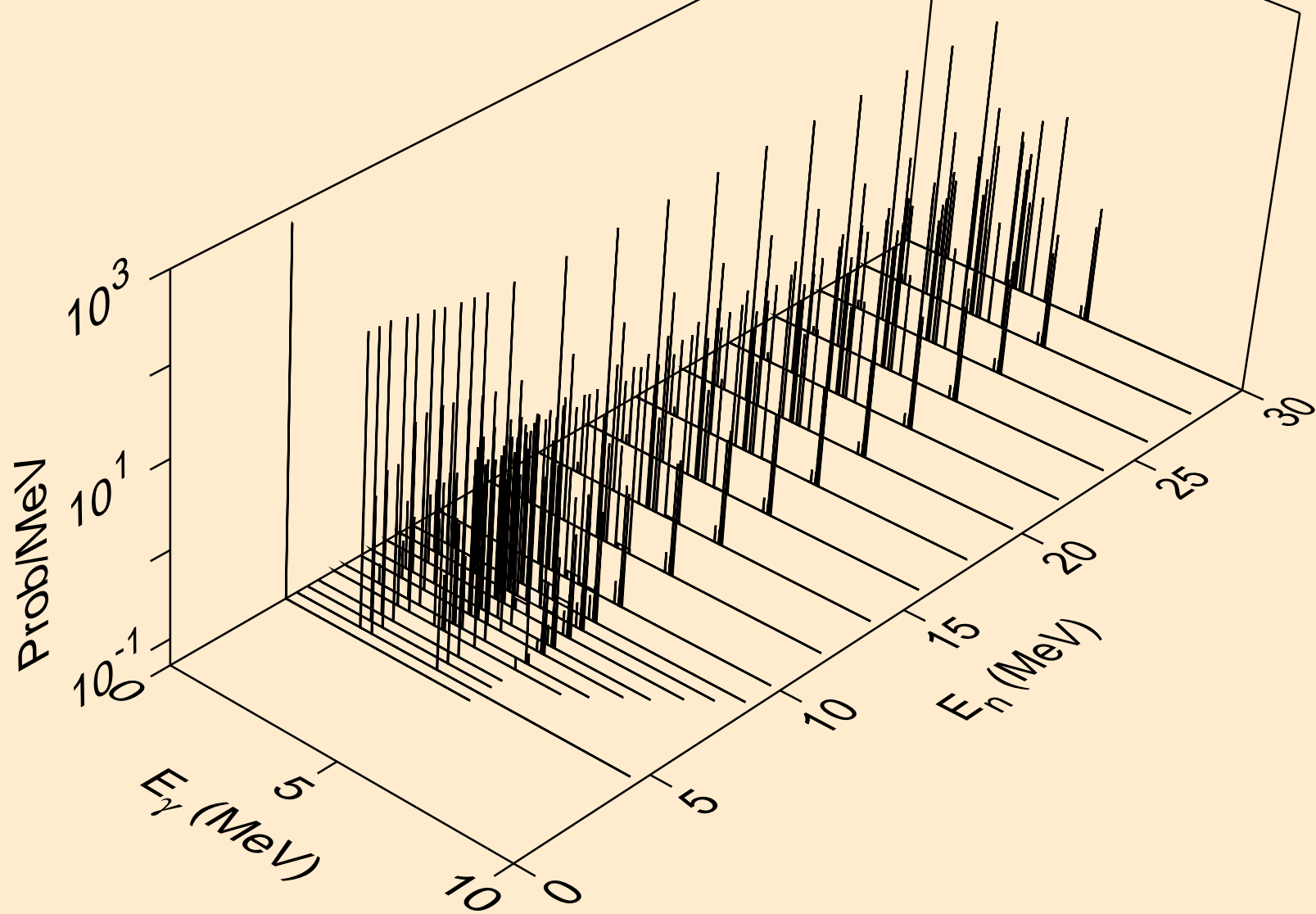
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



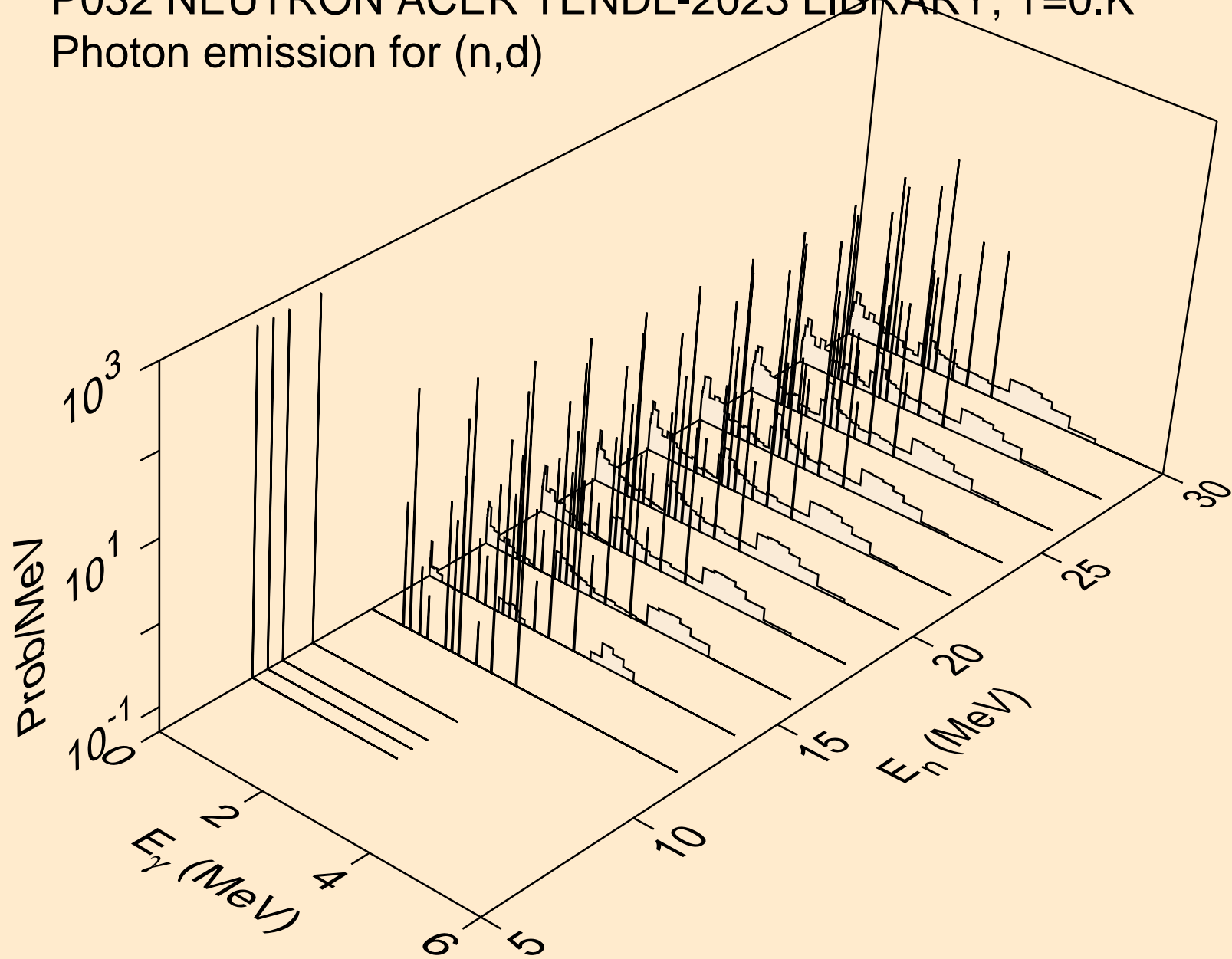
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



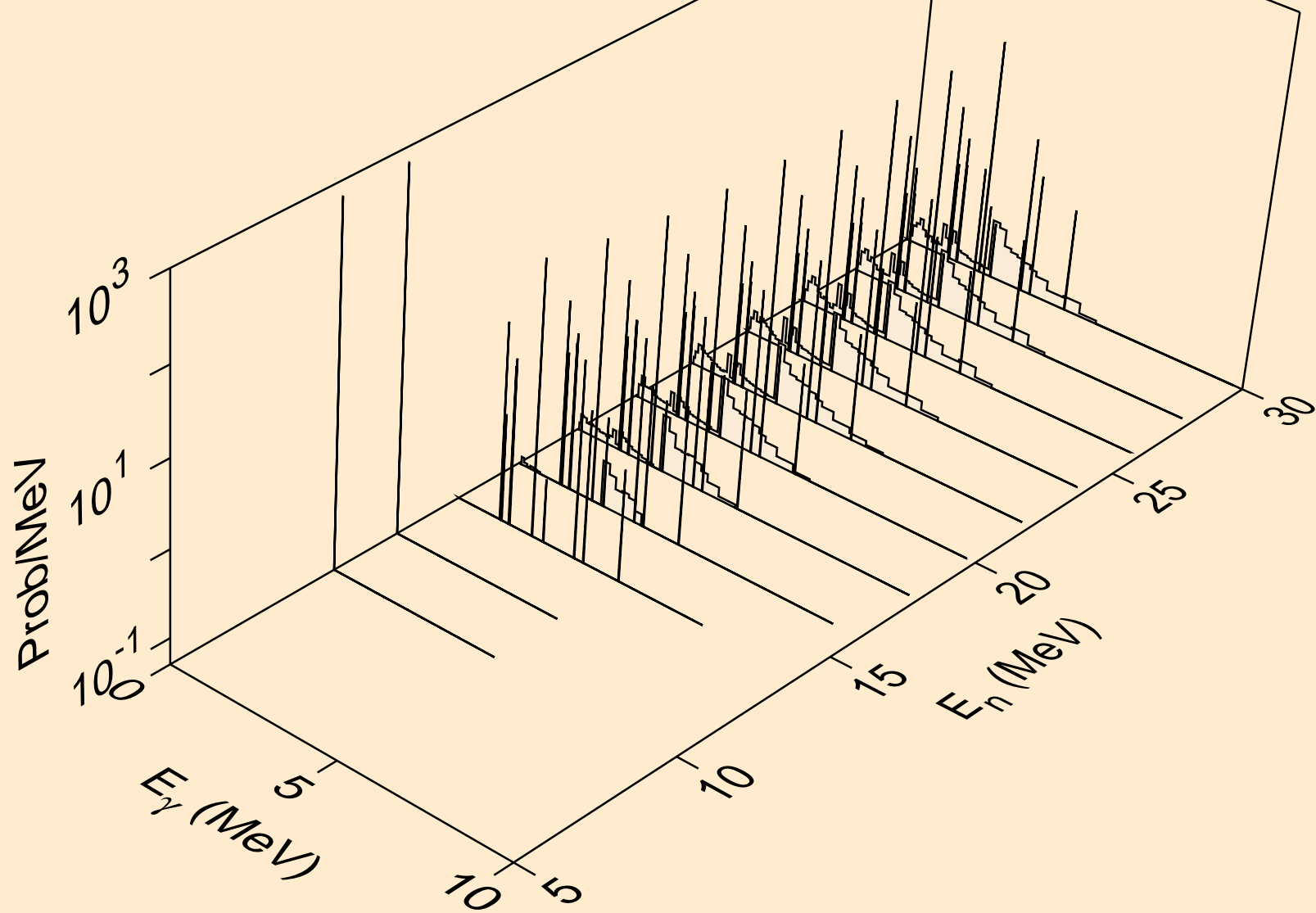
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



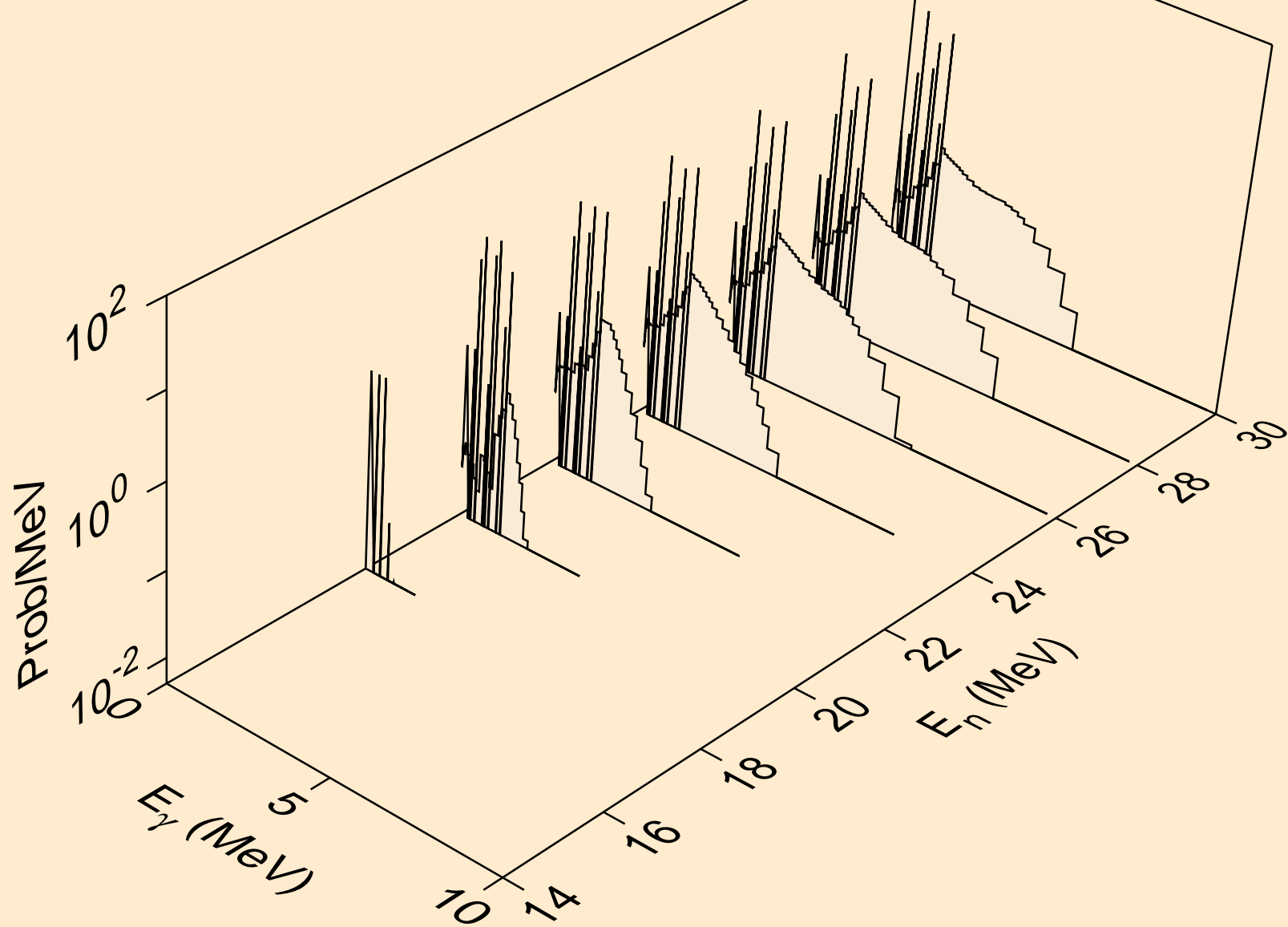
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



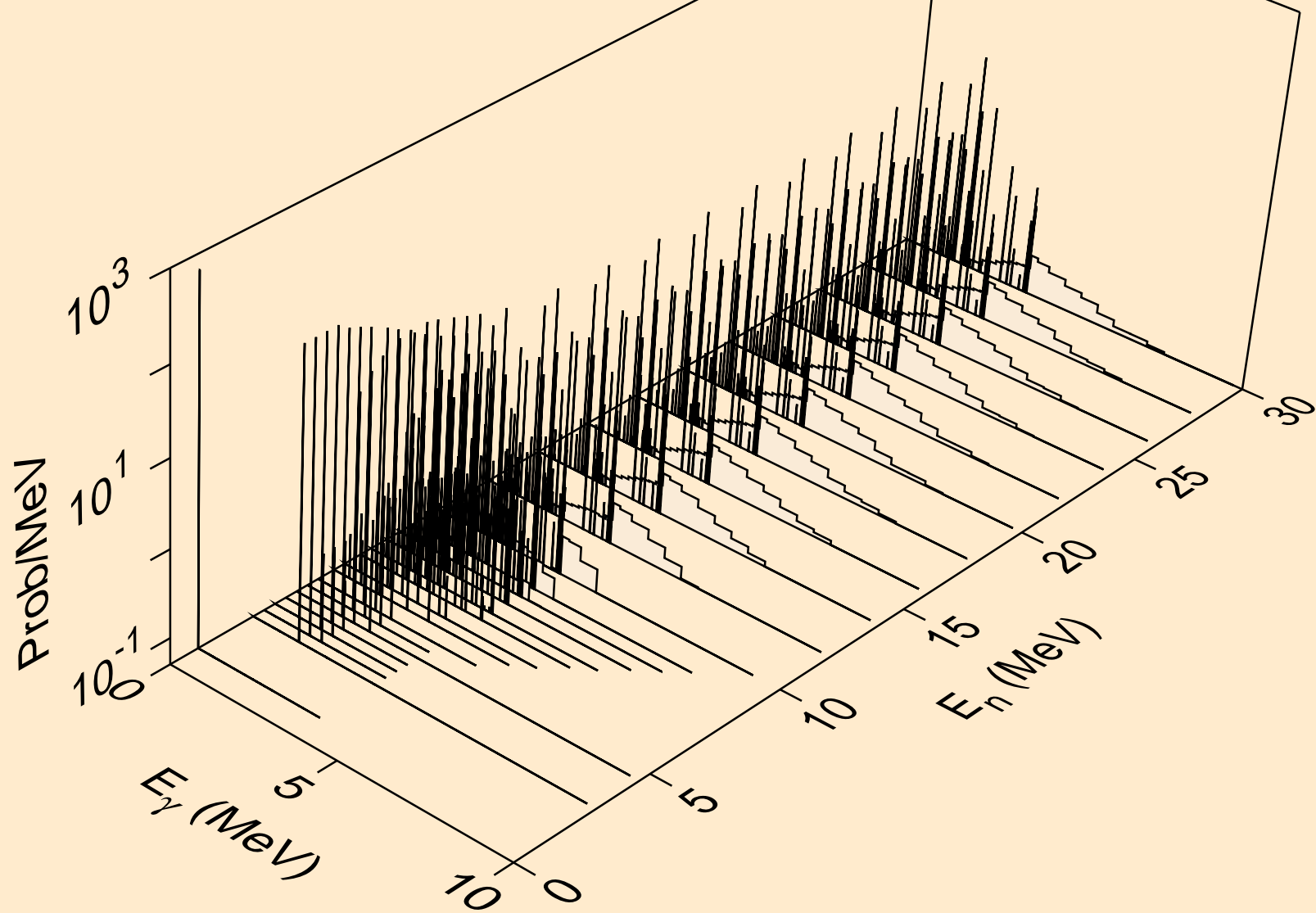
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Photon emission for (n,t)



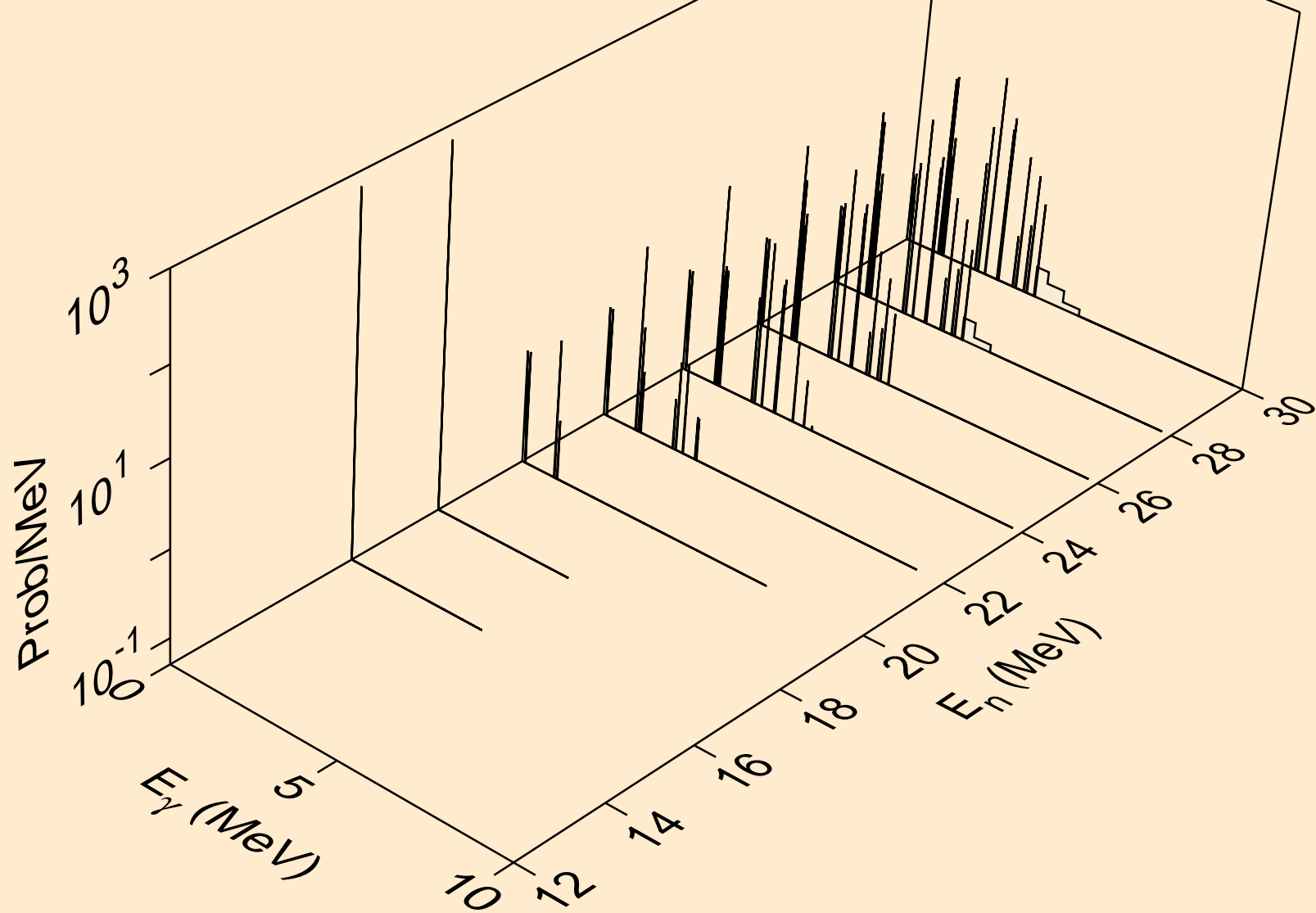
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

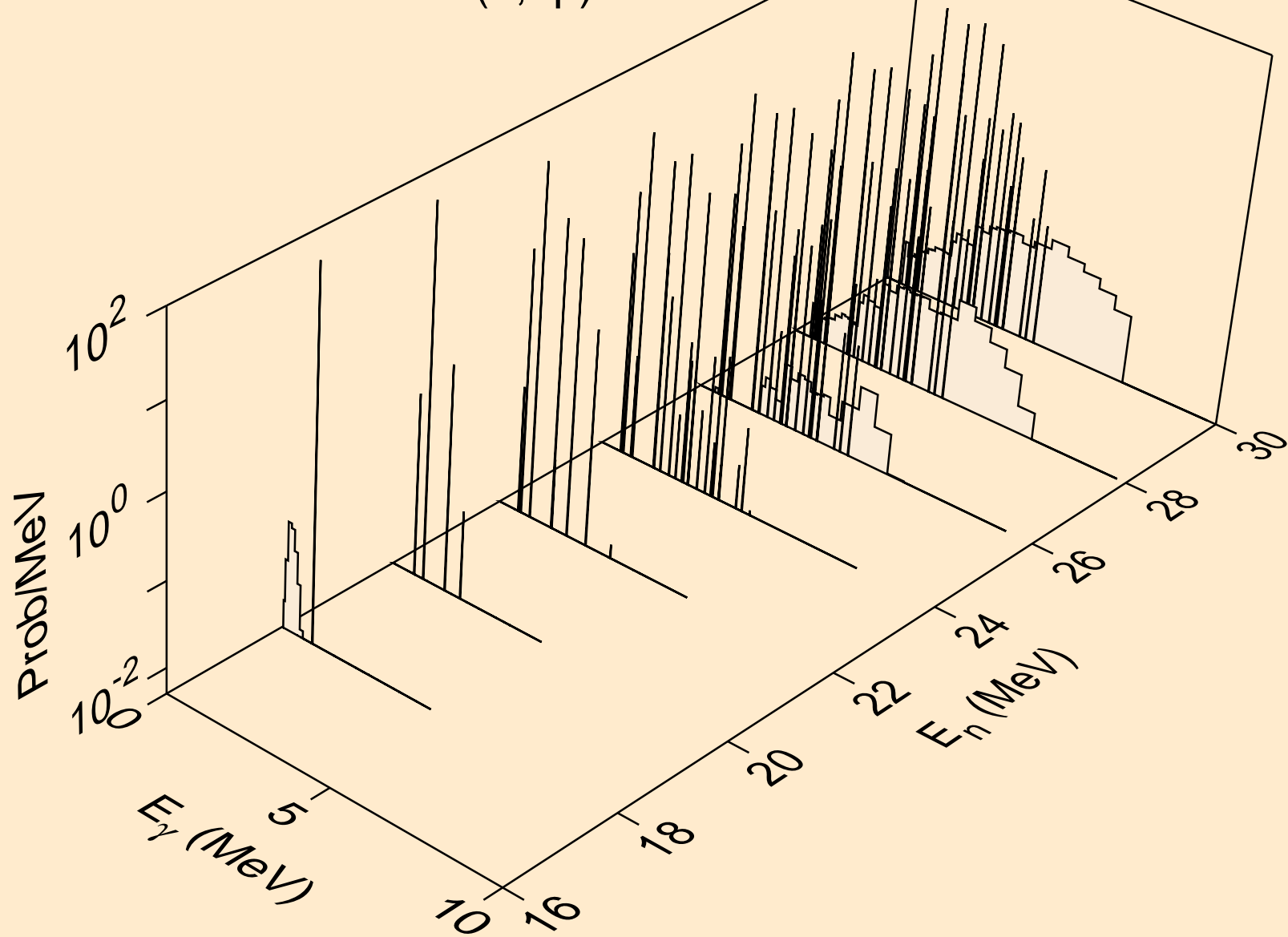


P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

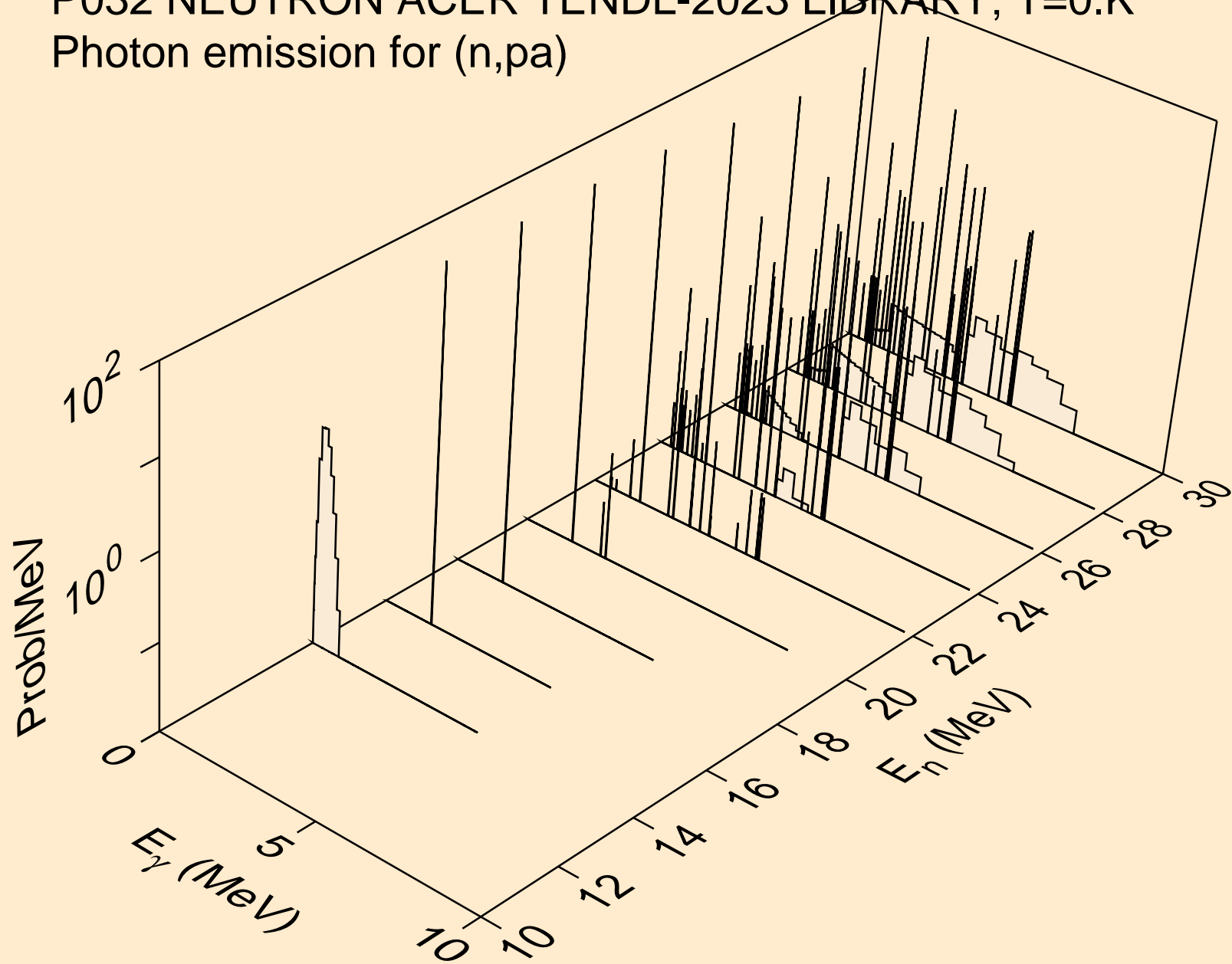




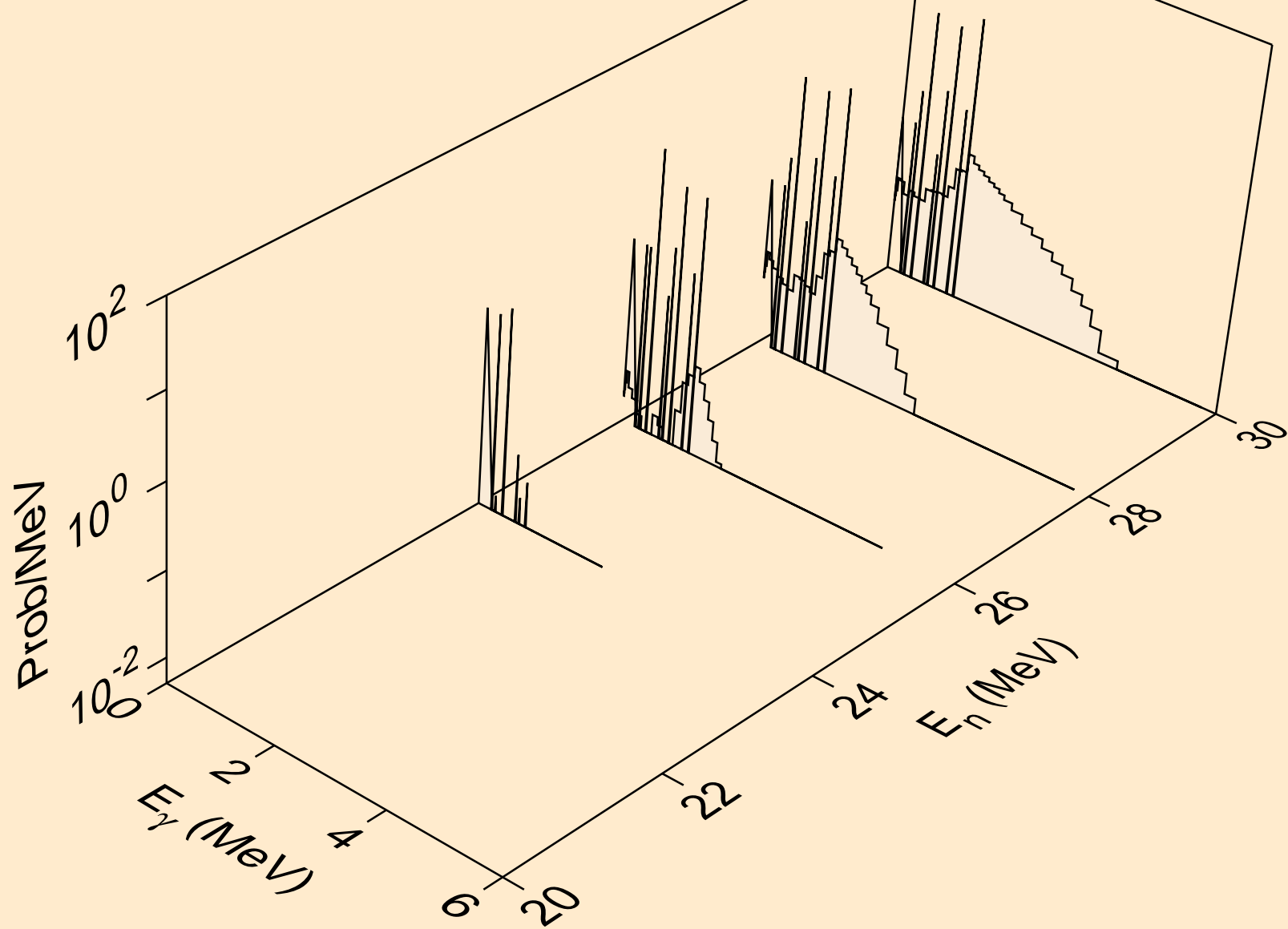
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Photon emission for (n,2p)



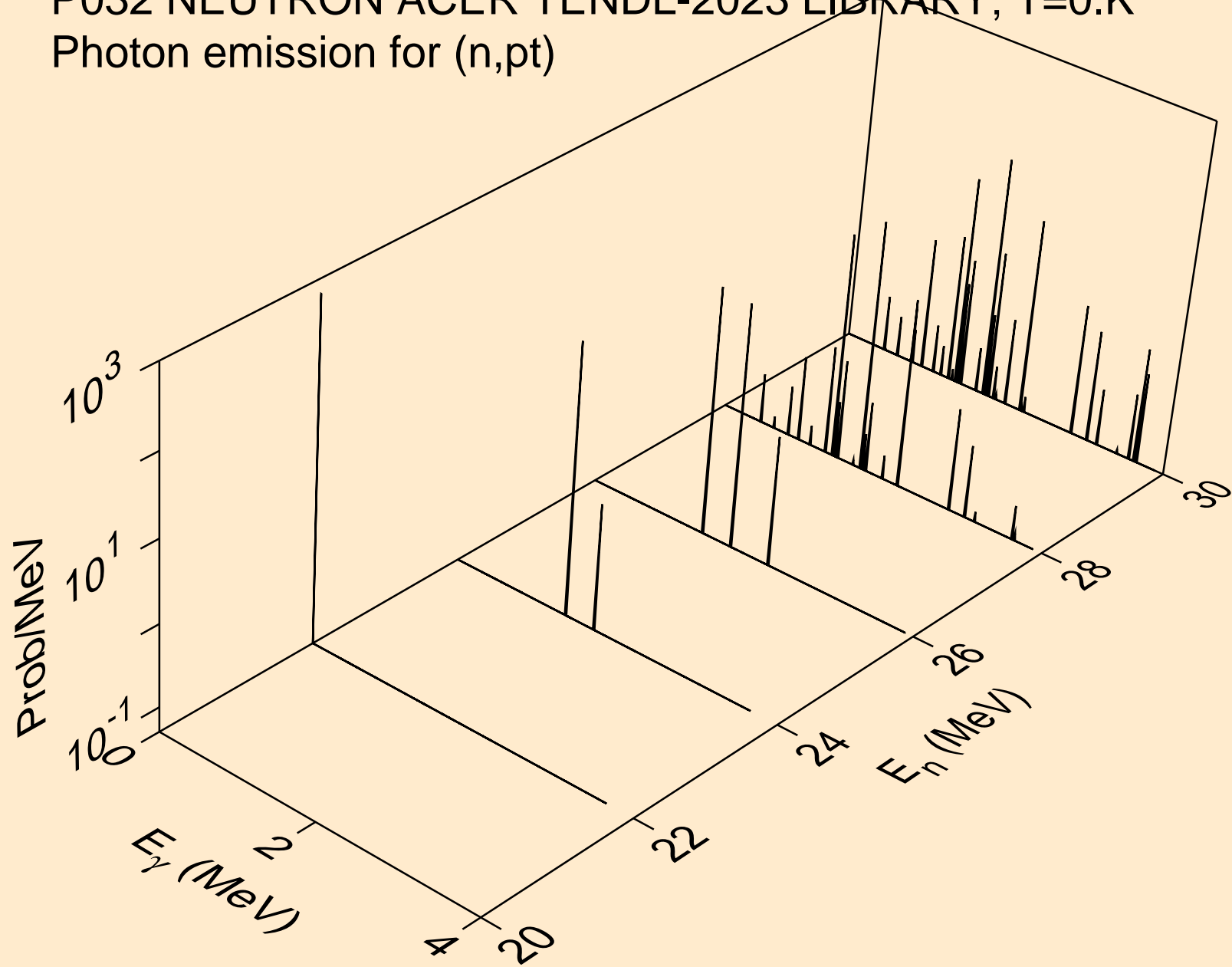
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



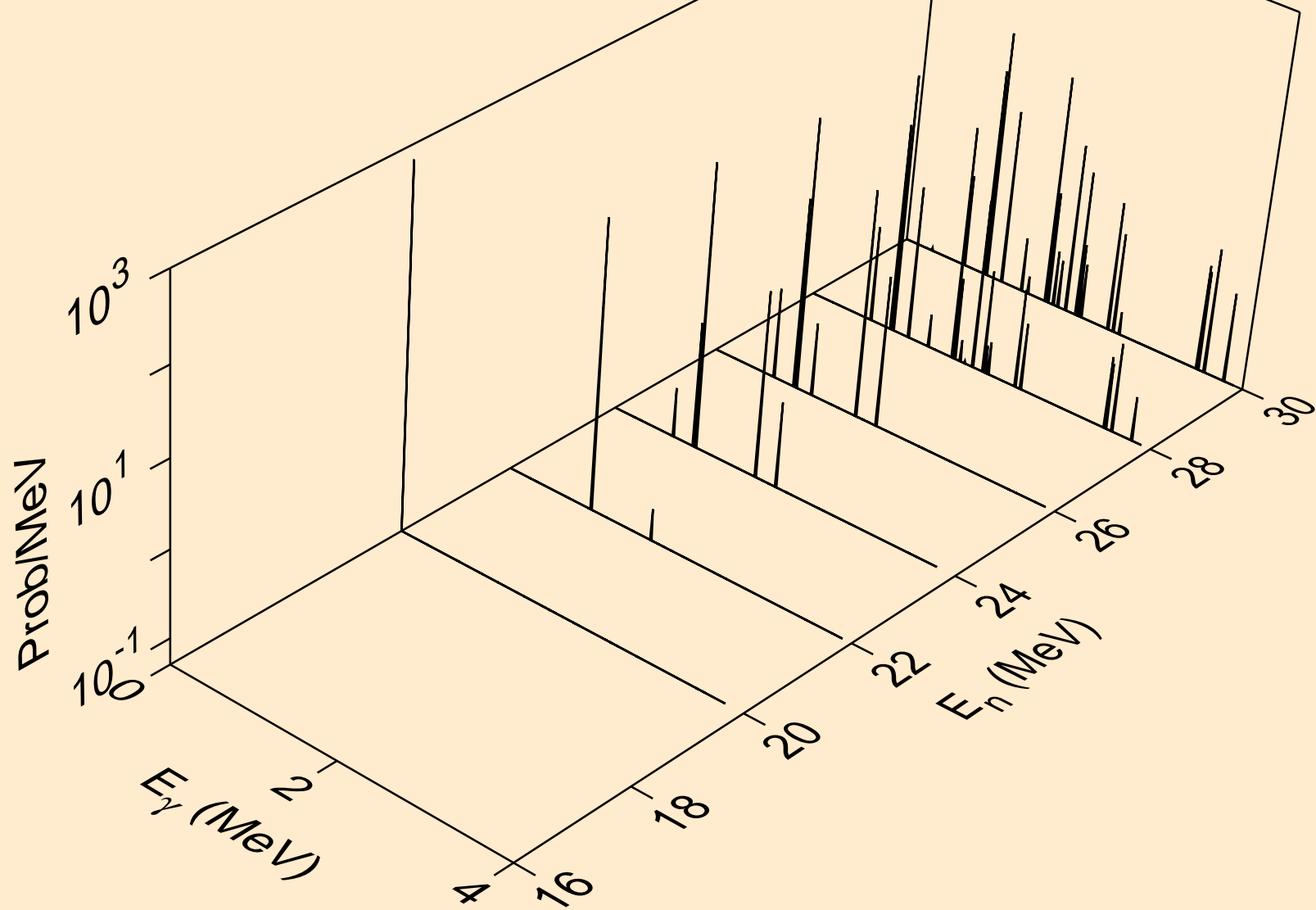
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



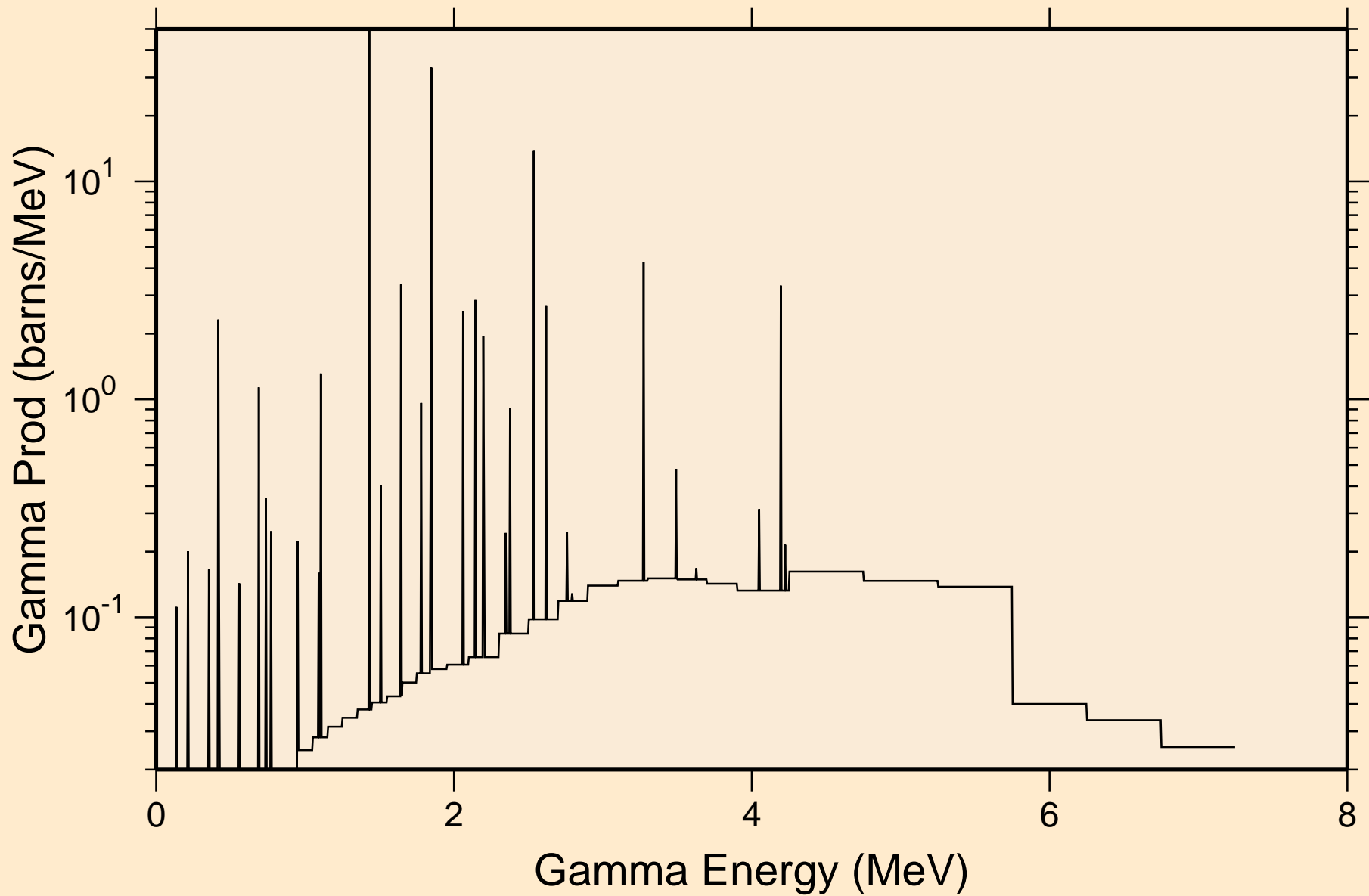
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



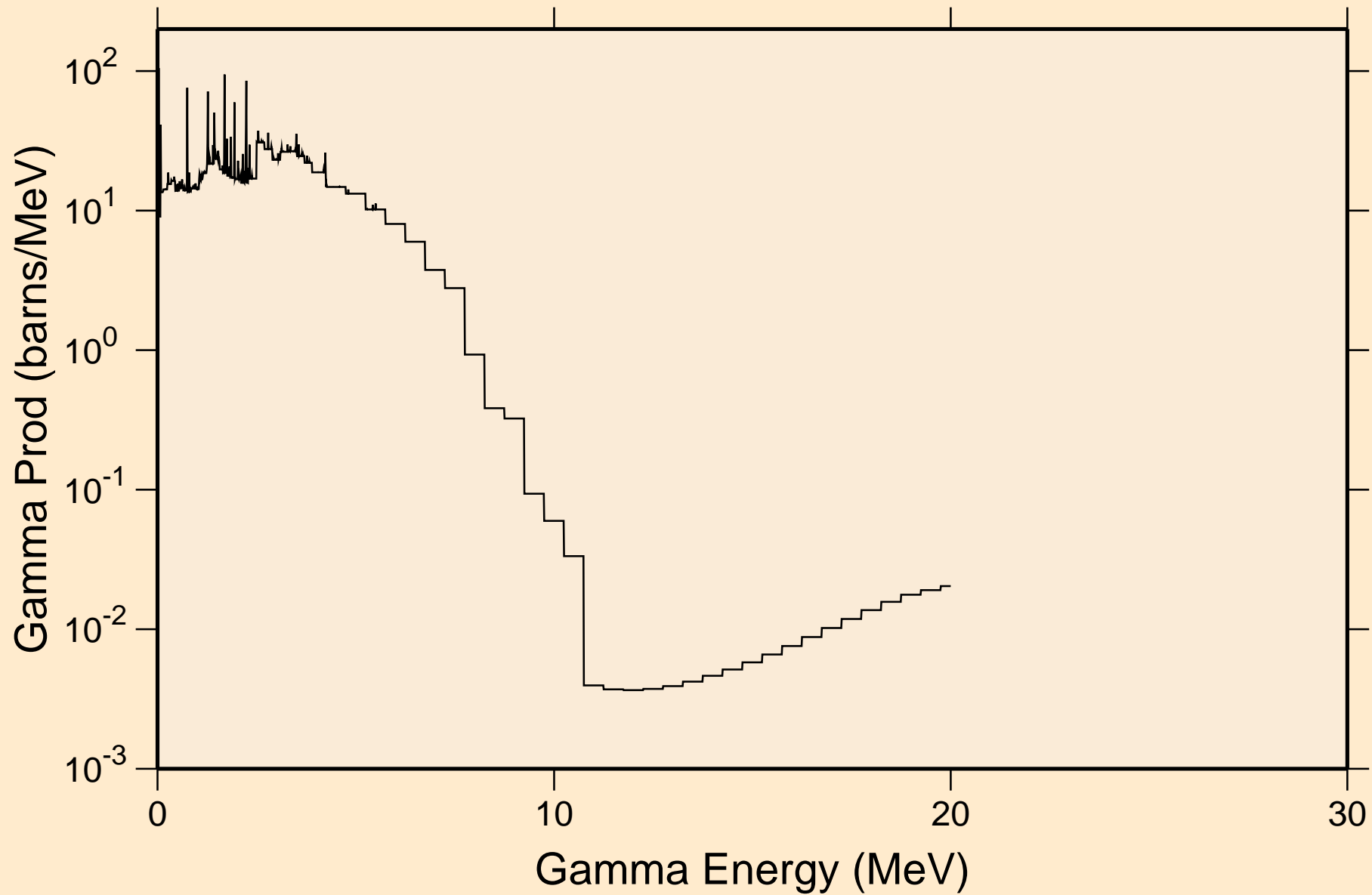
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Photon emission for (n,da)



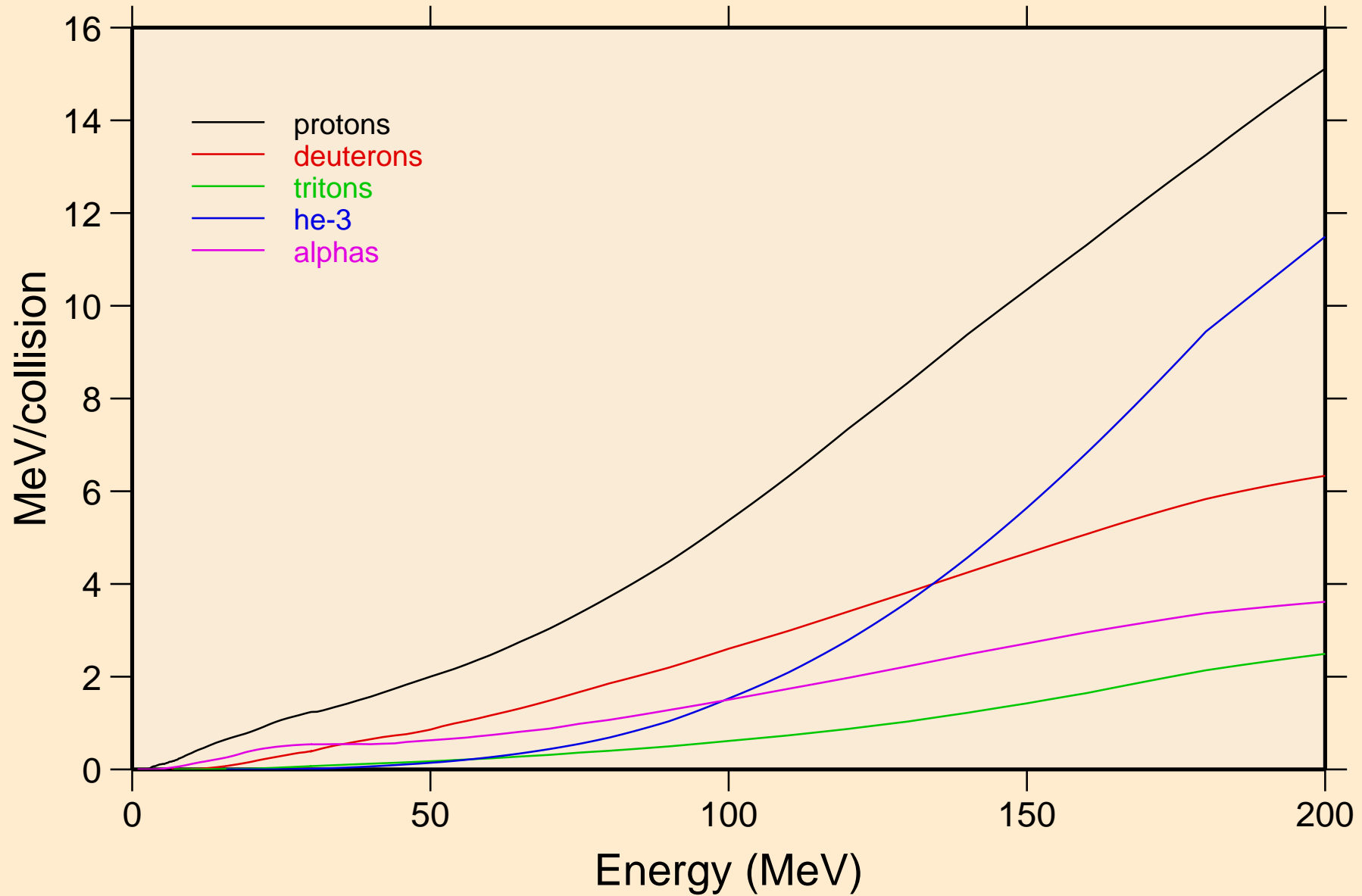
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

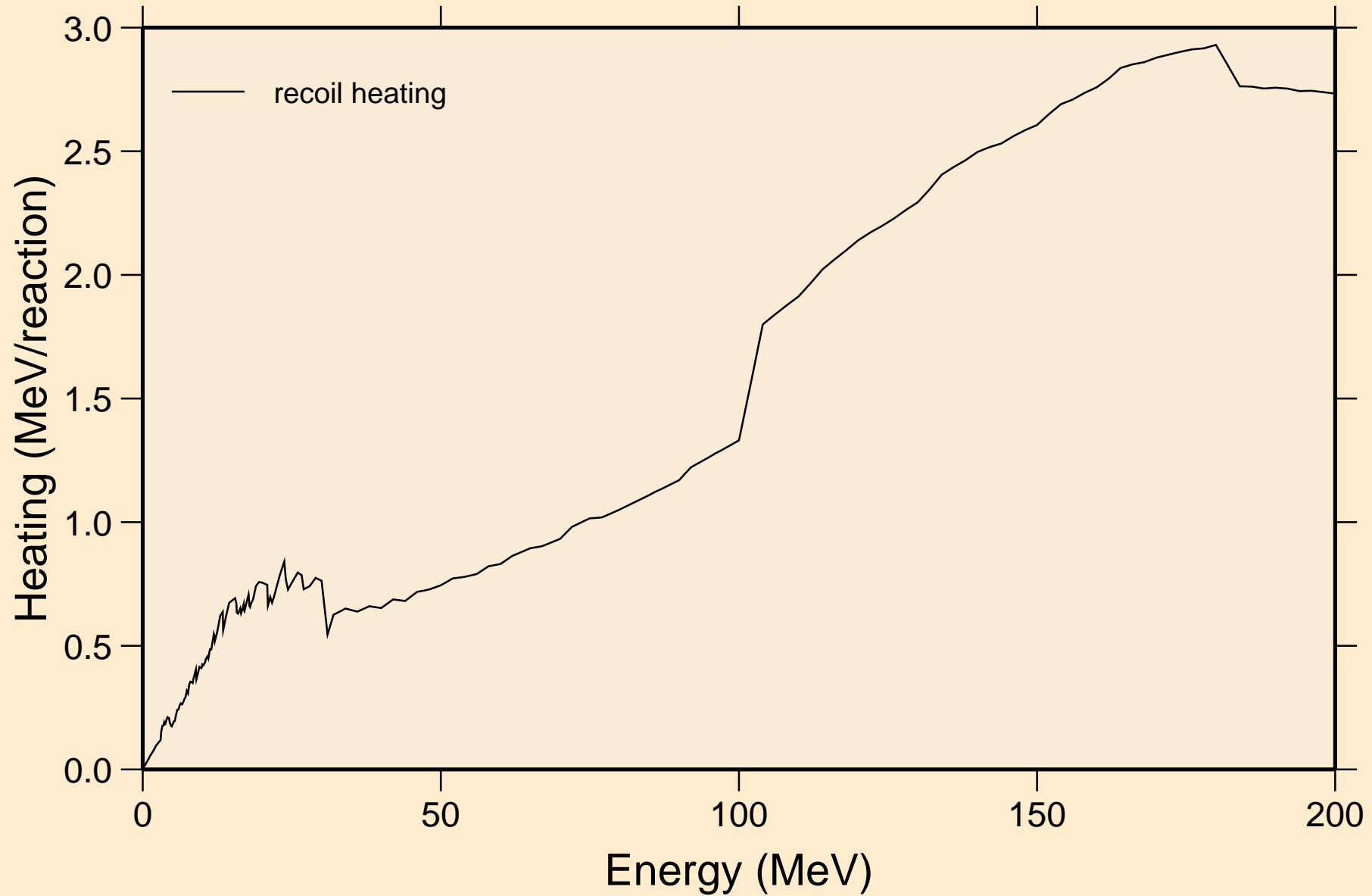


P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

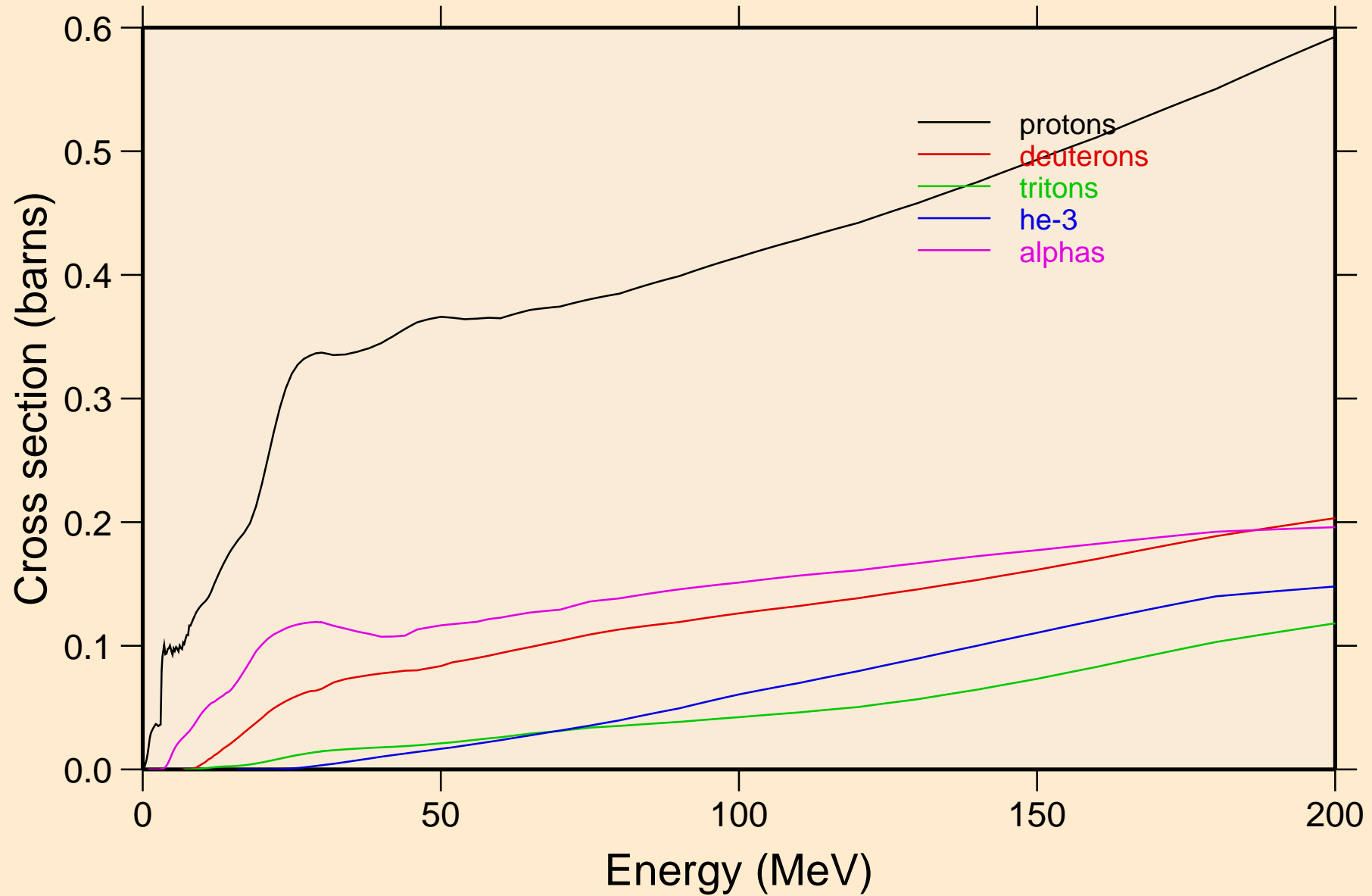




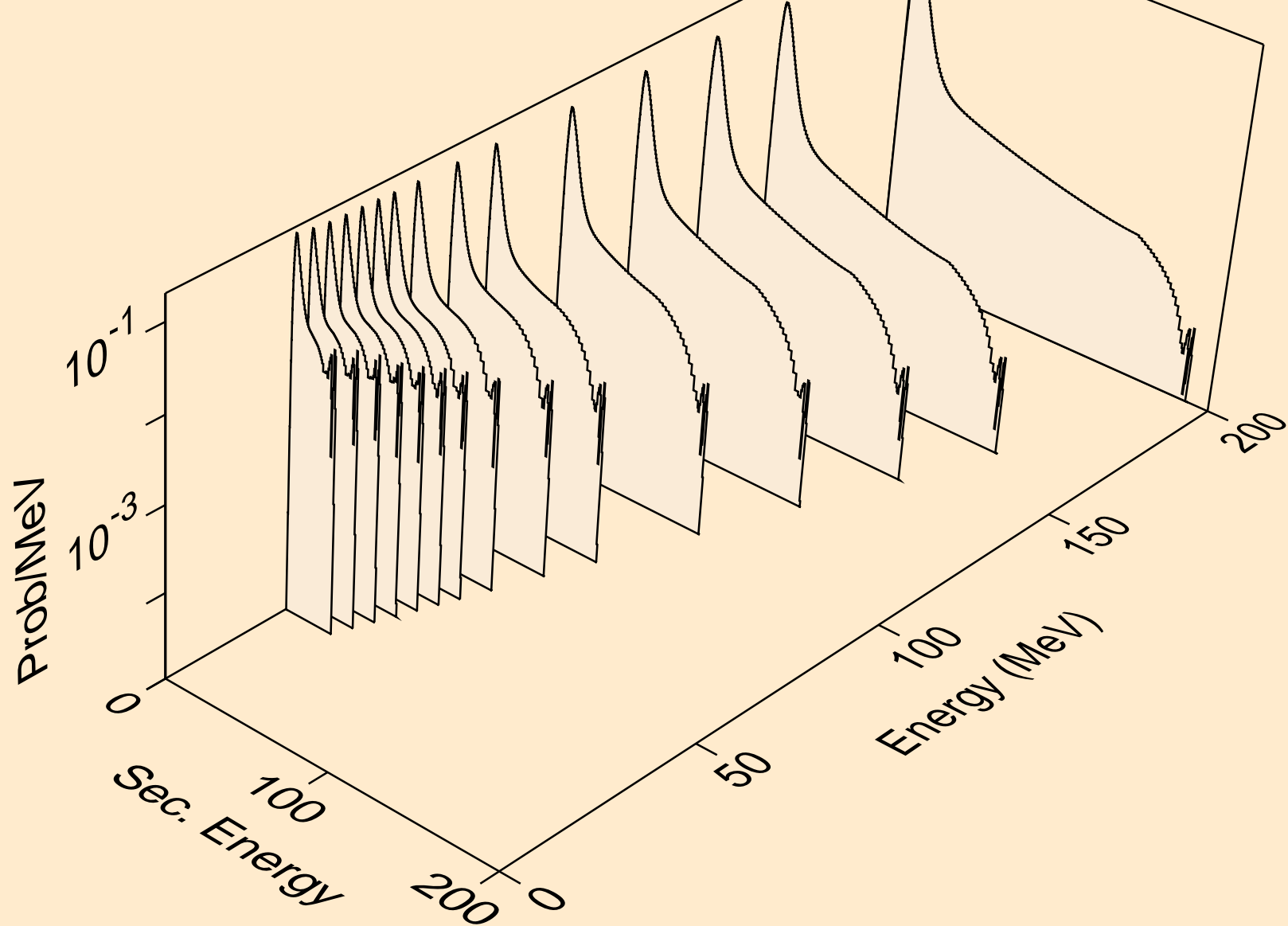
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



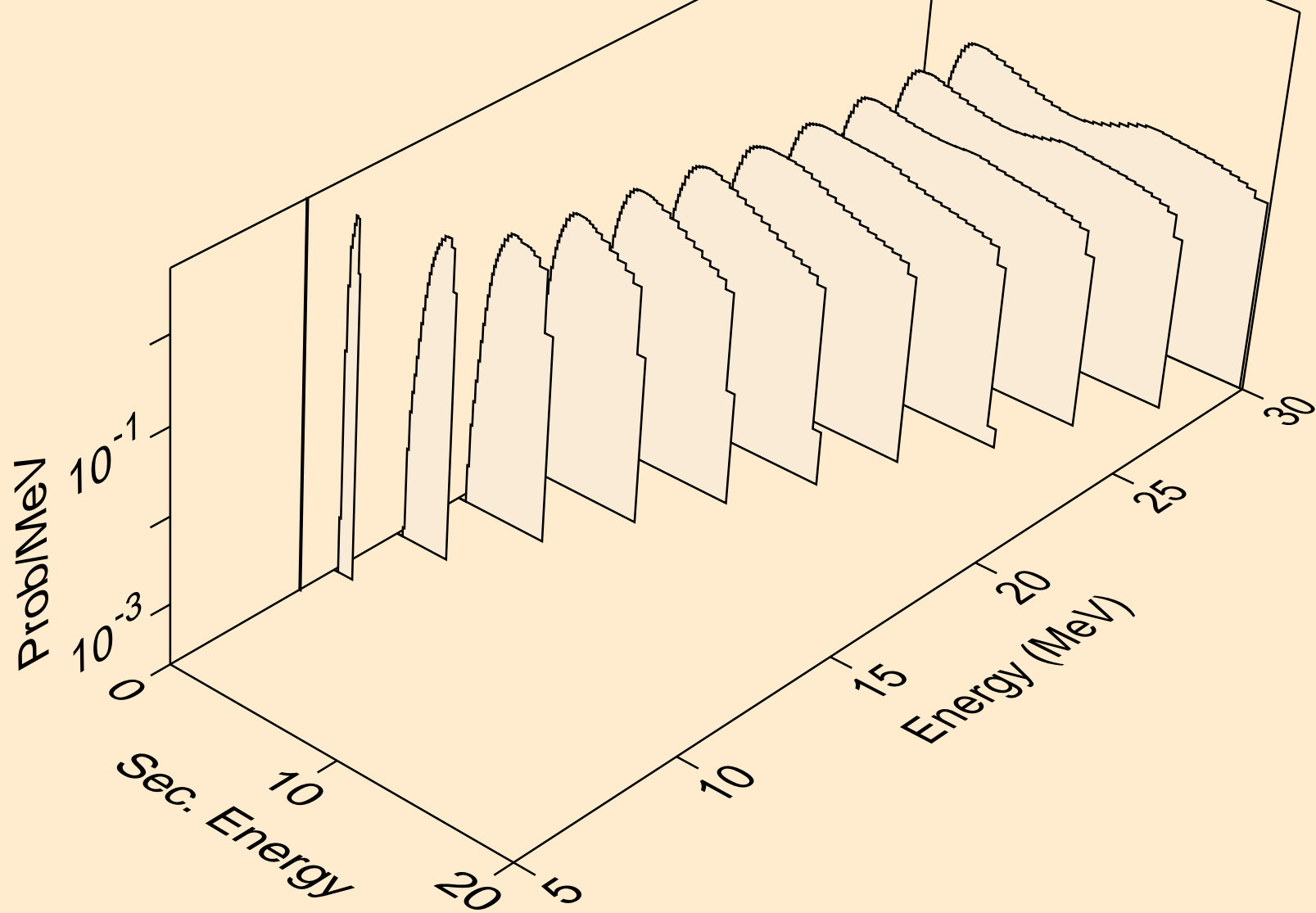
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Particle production cross sections



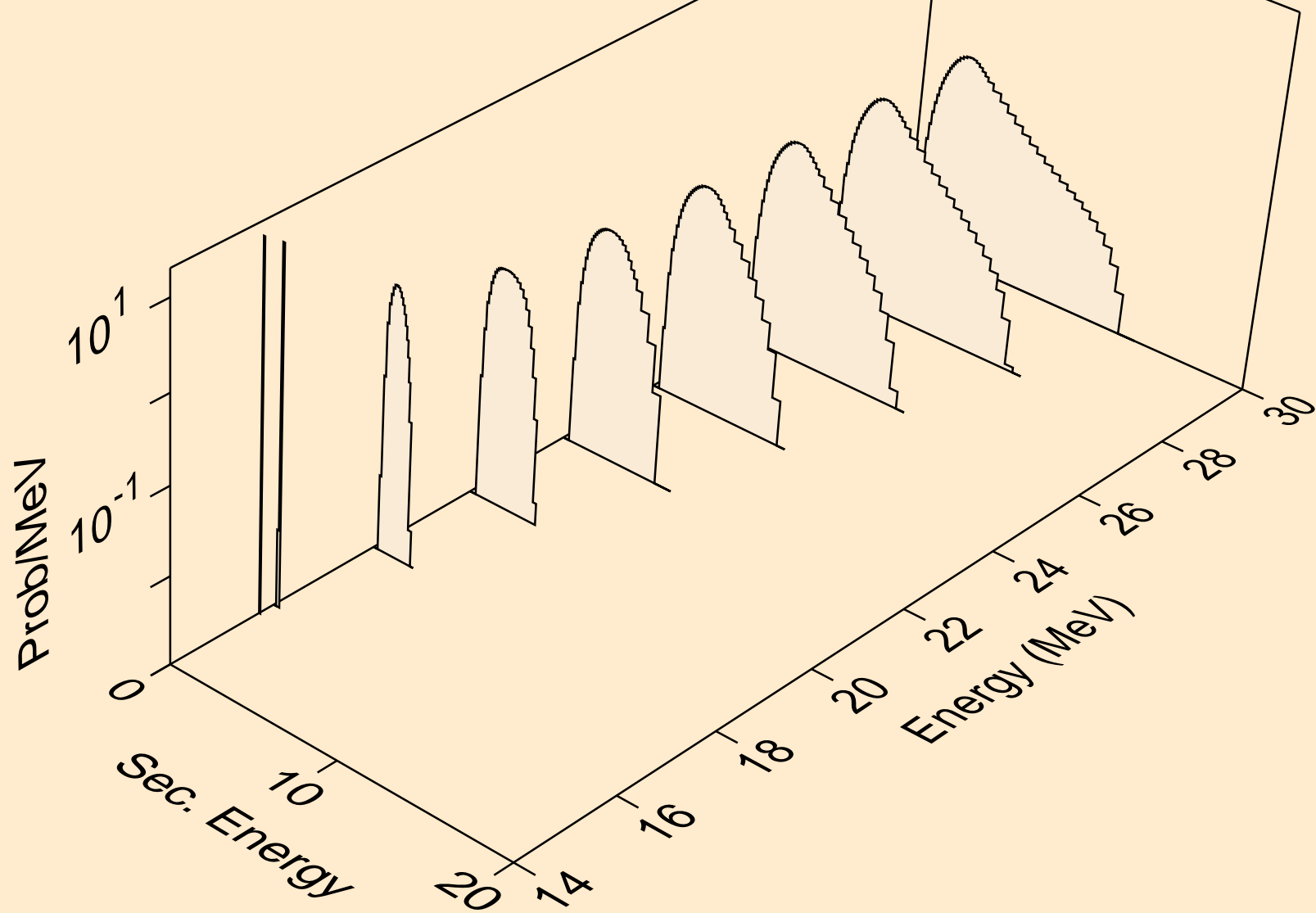
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



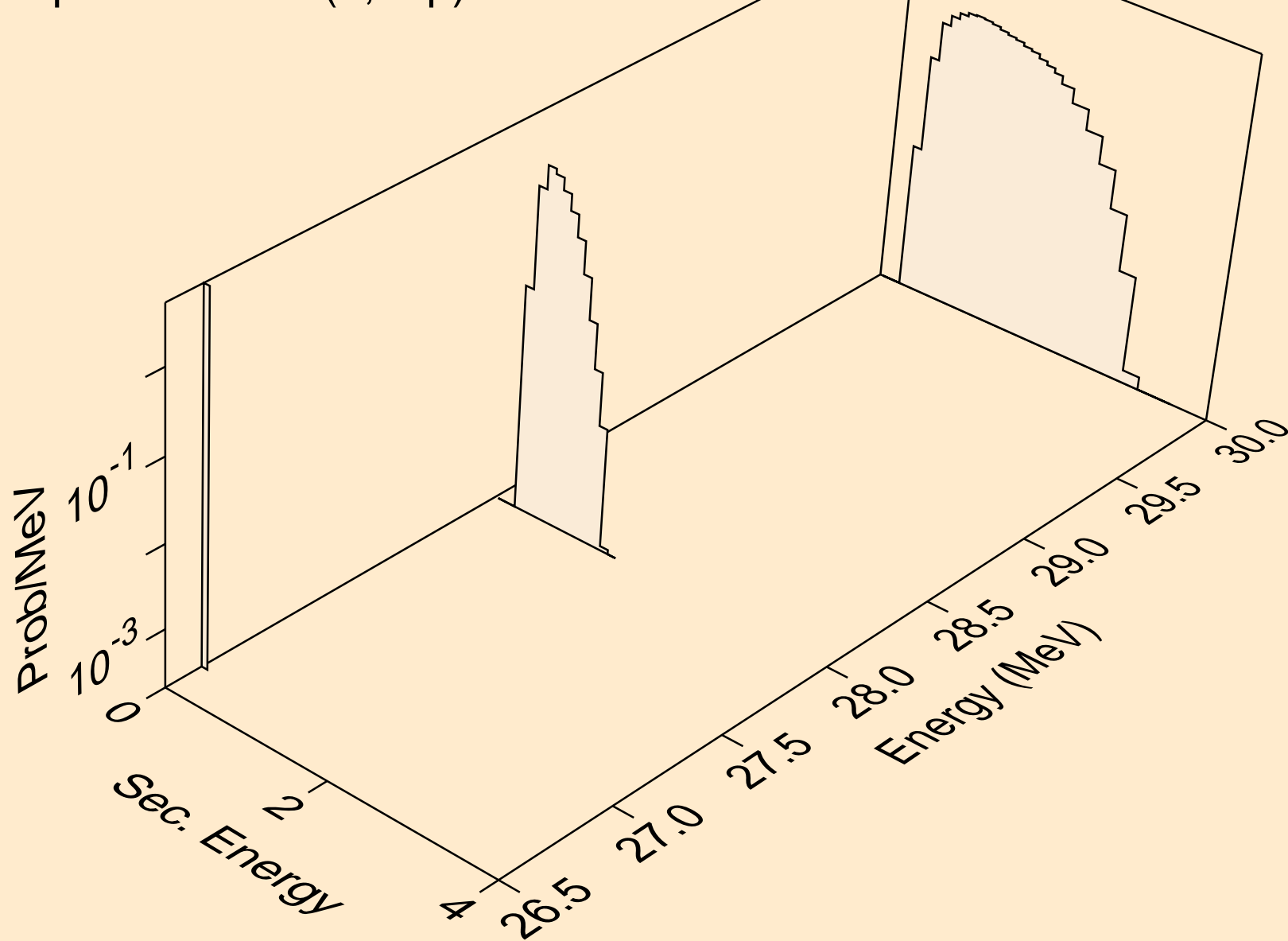
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protons from (n,n\*)p



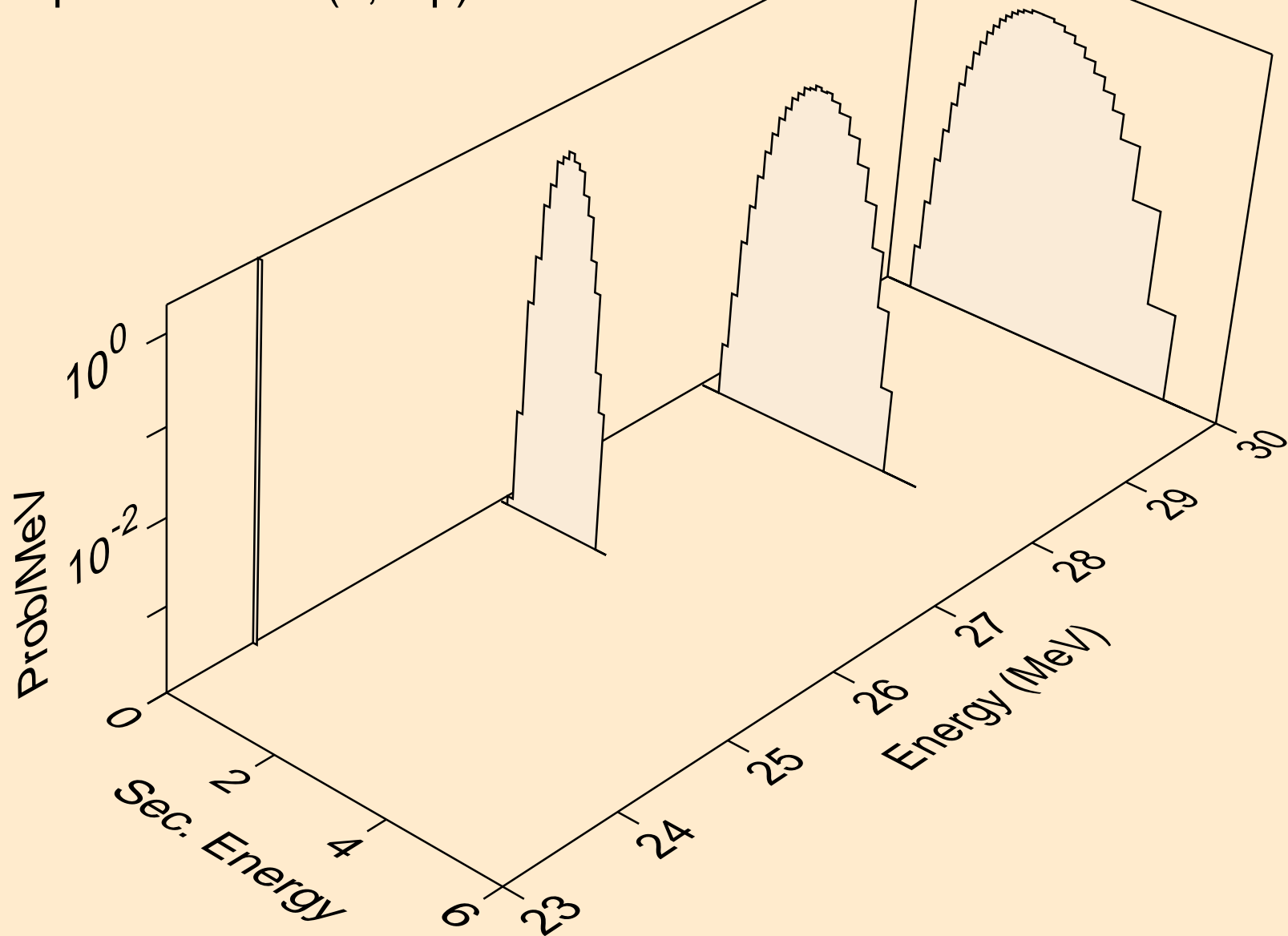
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protons from (n,2np)



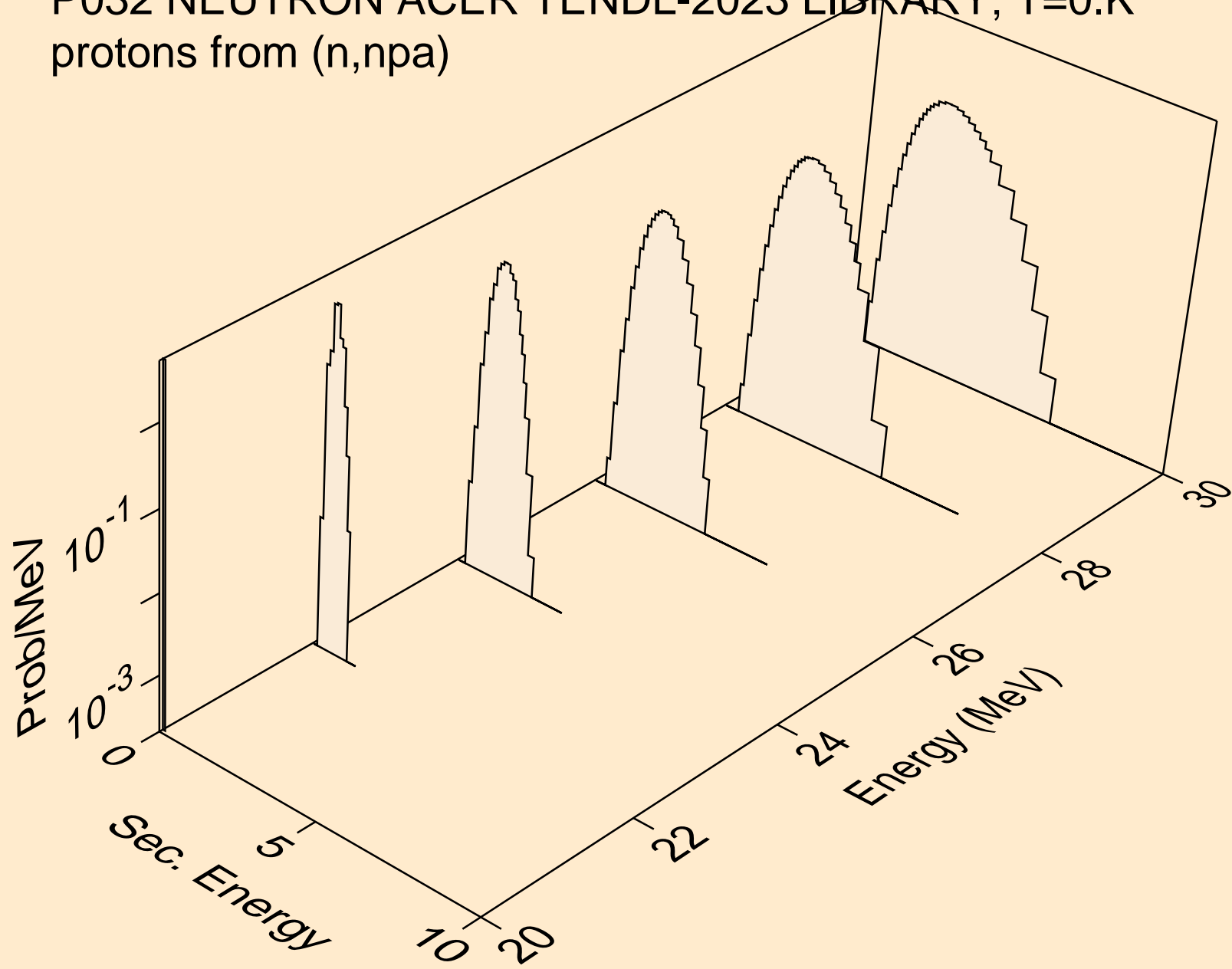
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

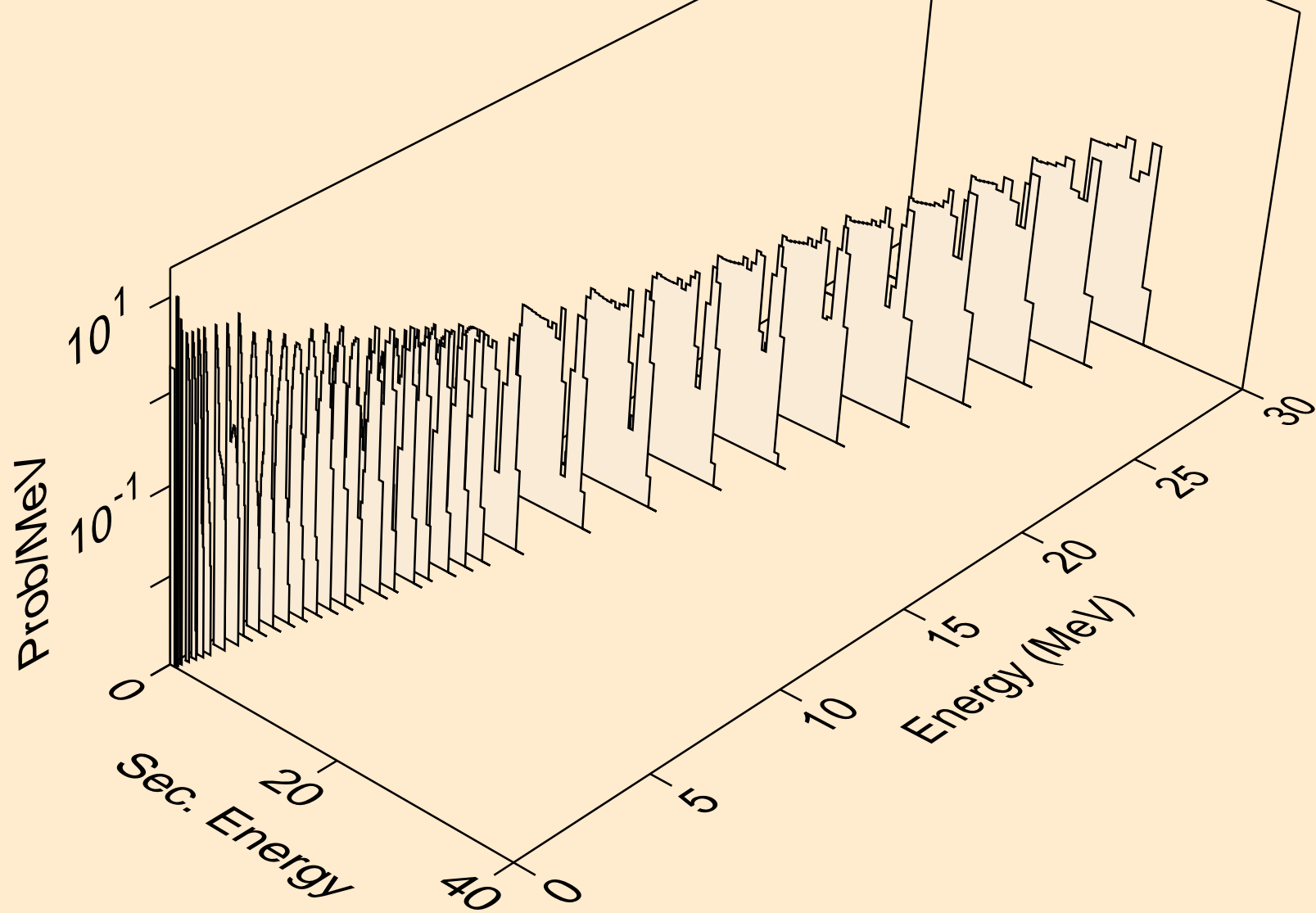


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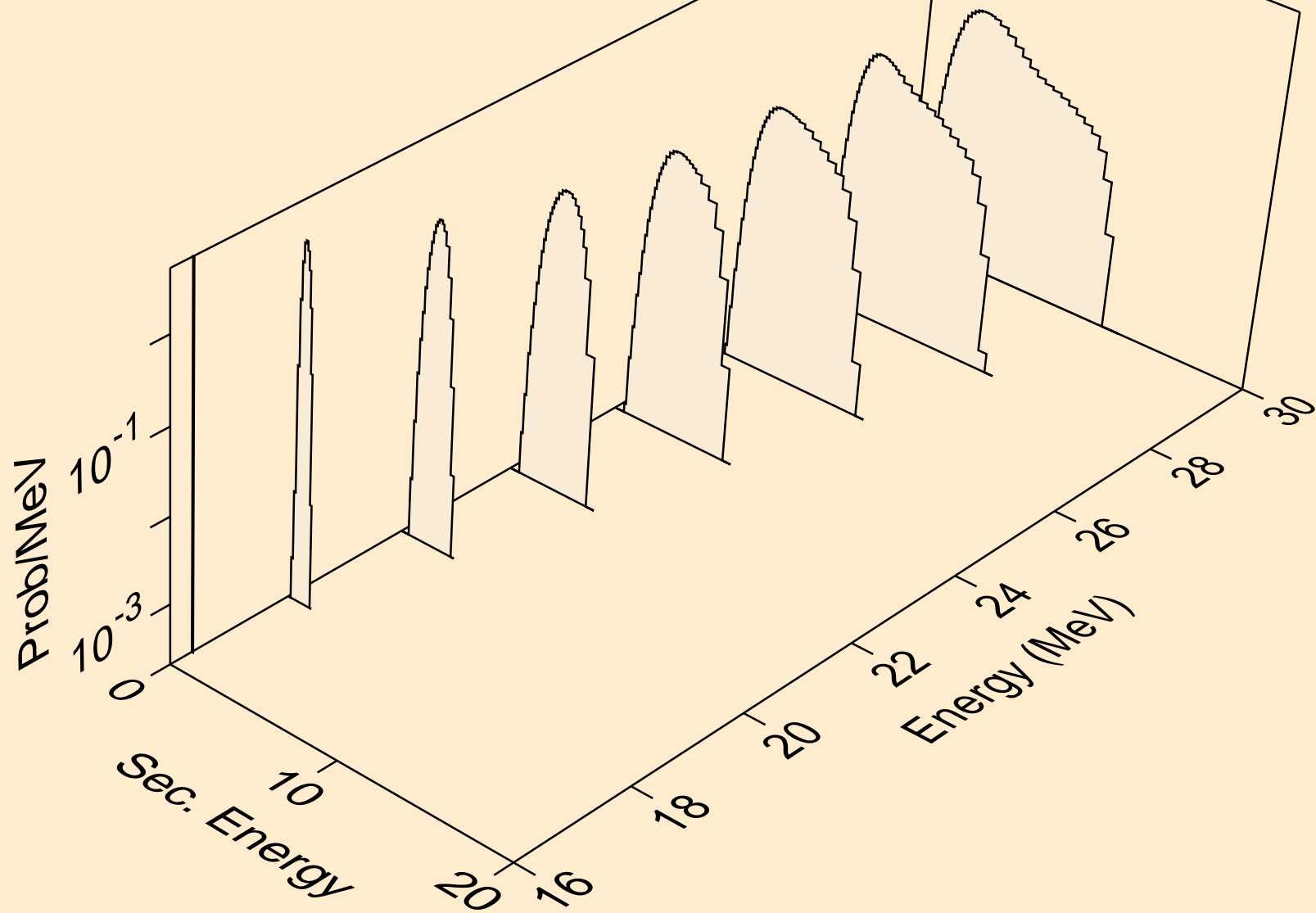




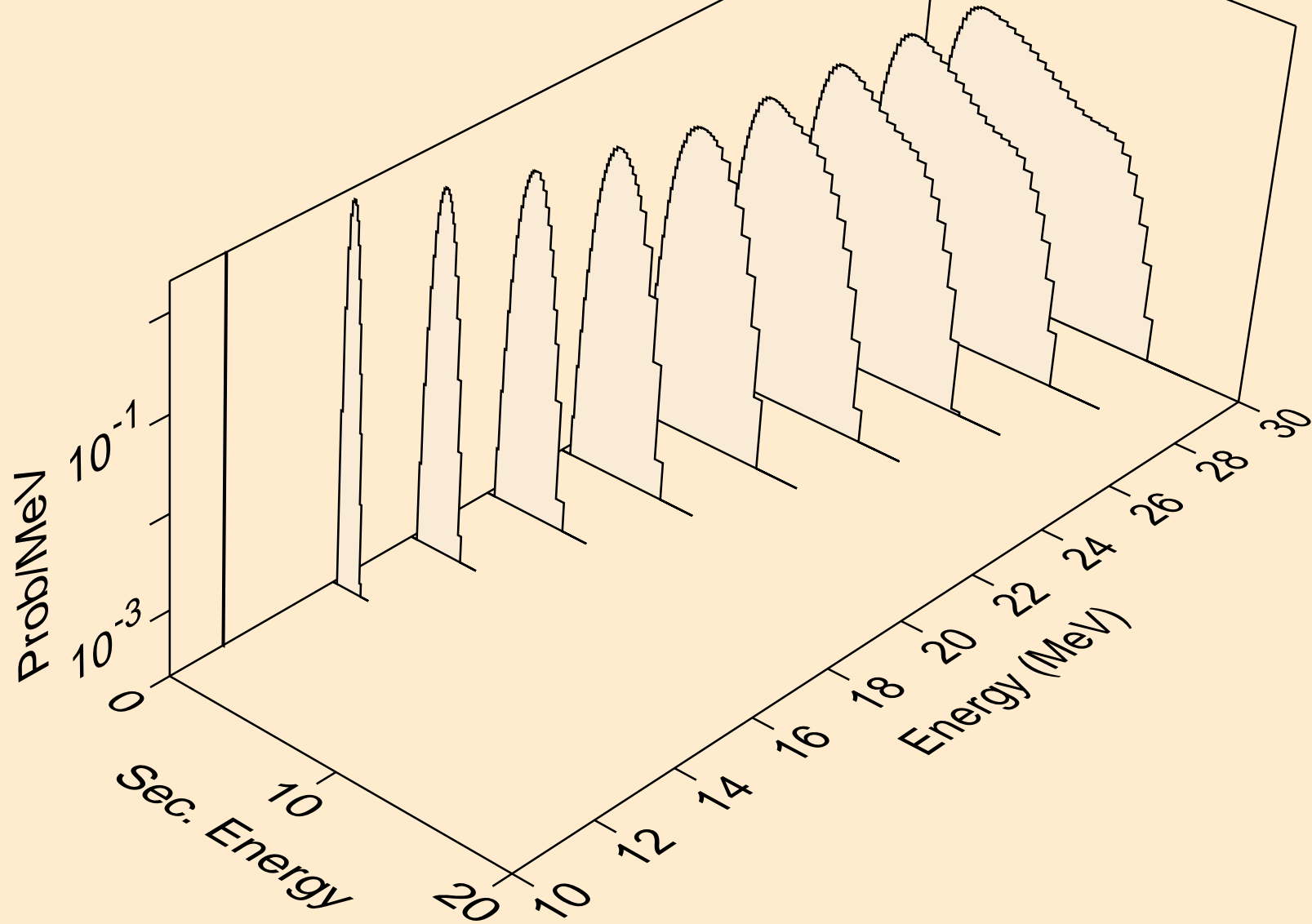
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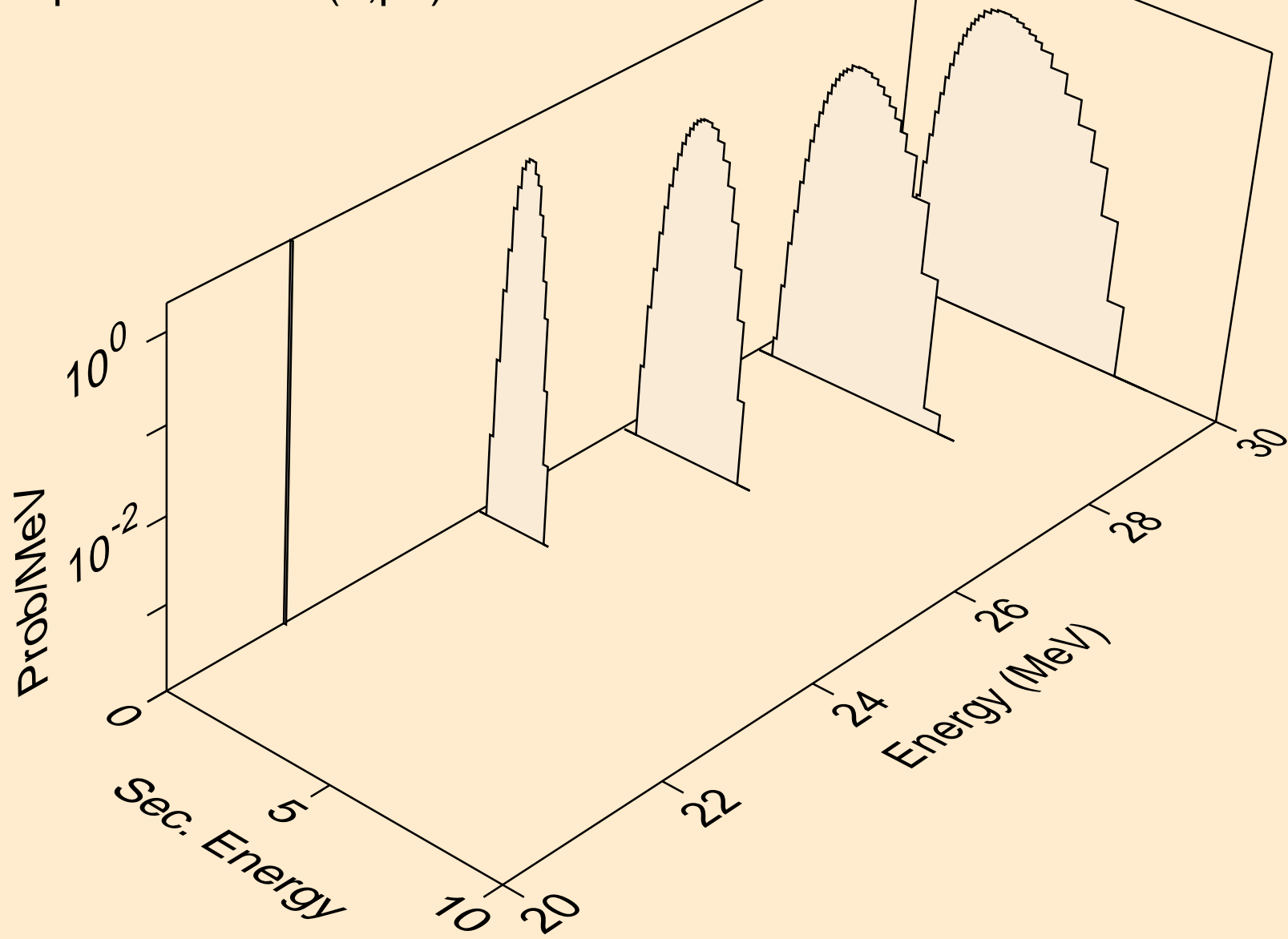
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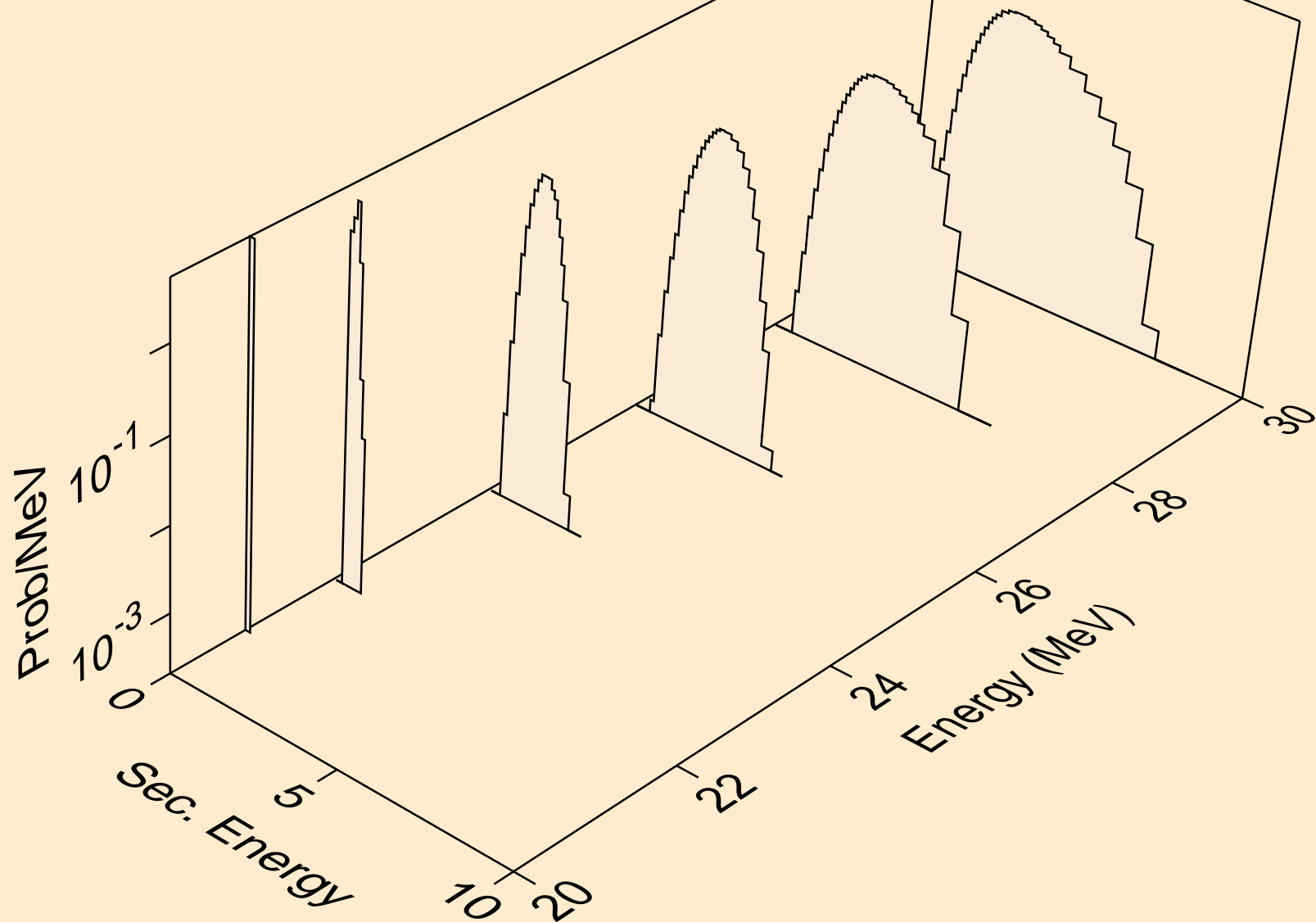
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protons from (n,p)



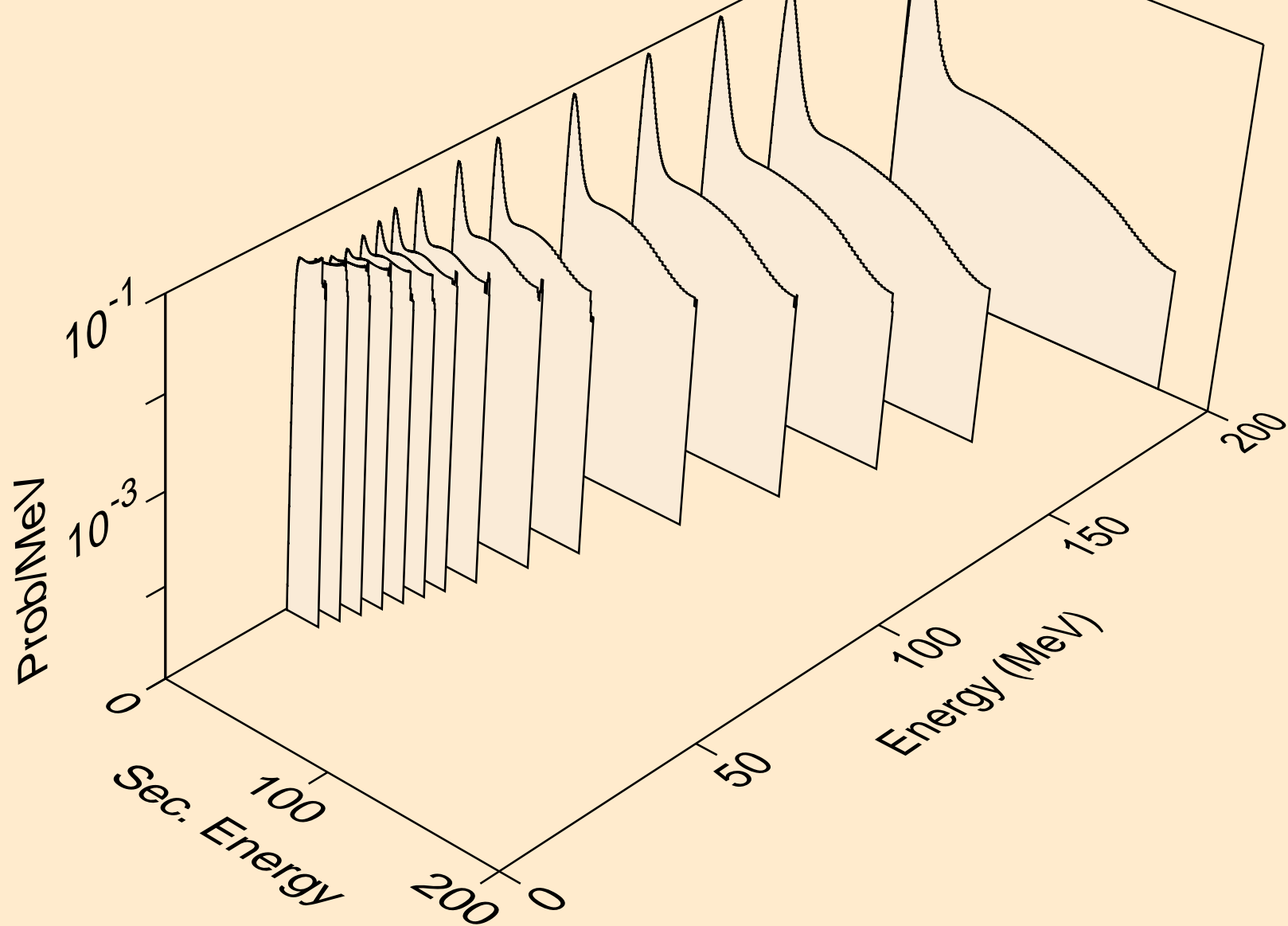
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protons from (n,pd)



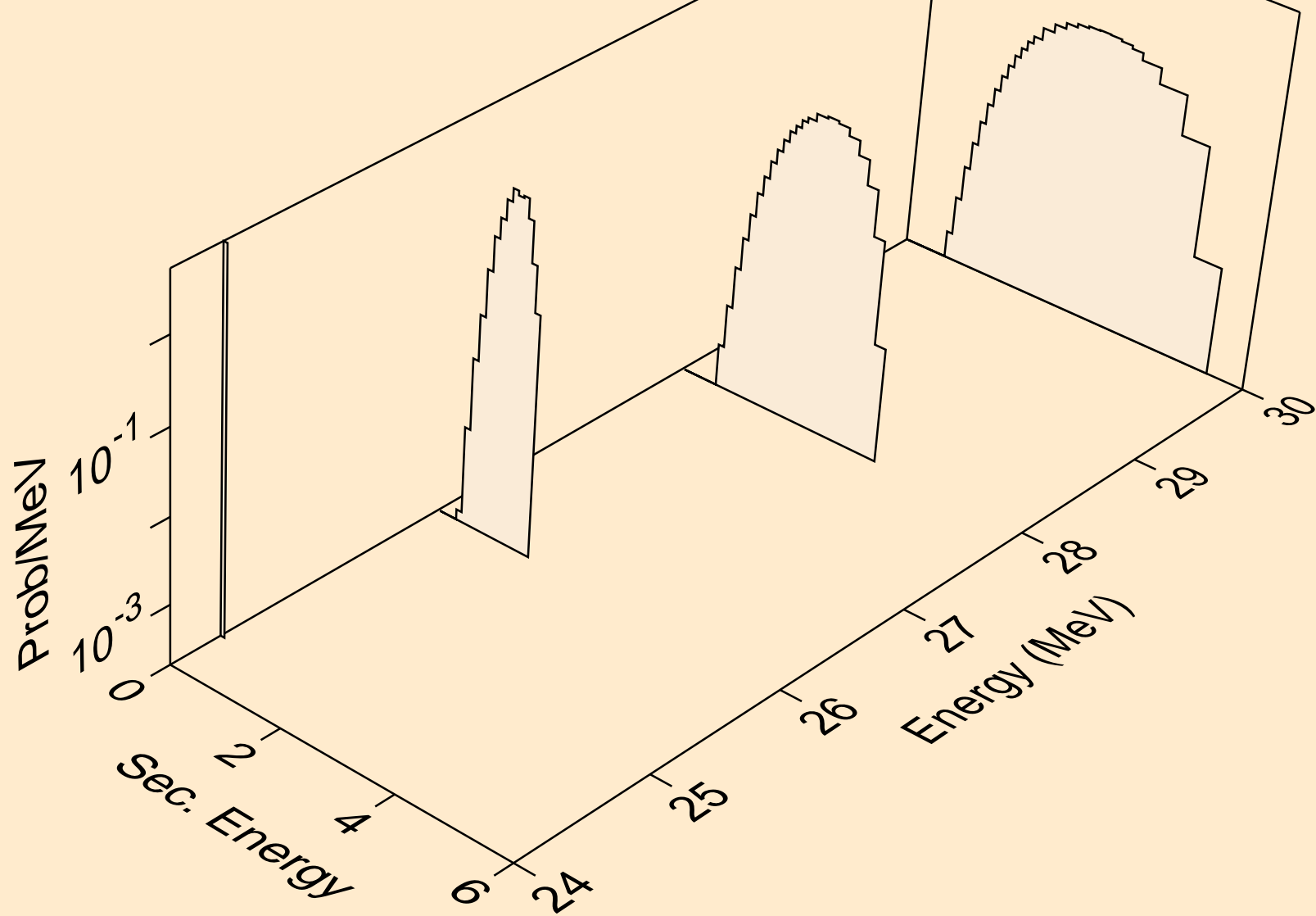
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protons from (n,pt)



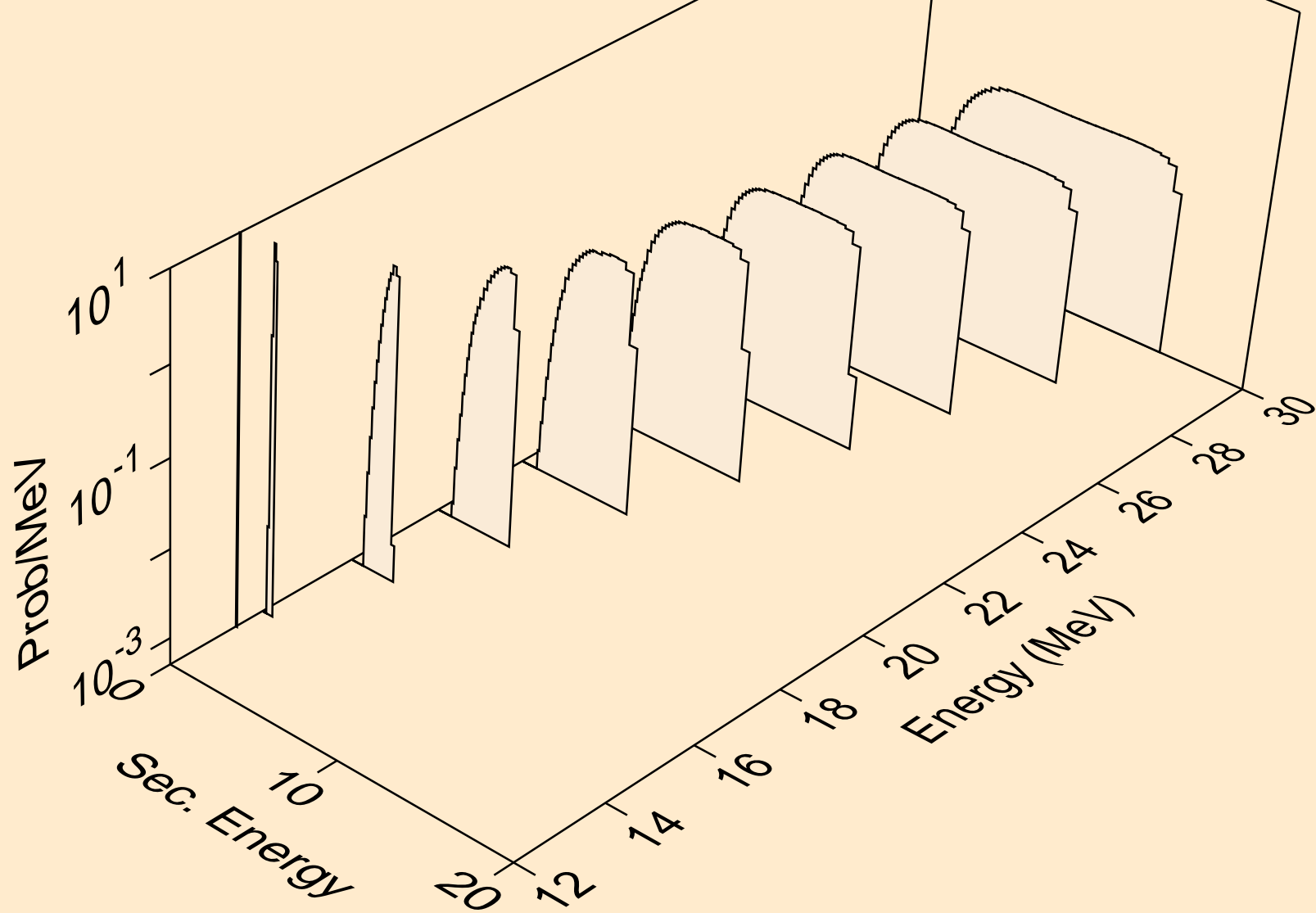
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

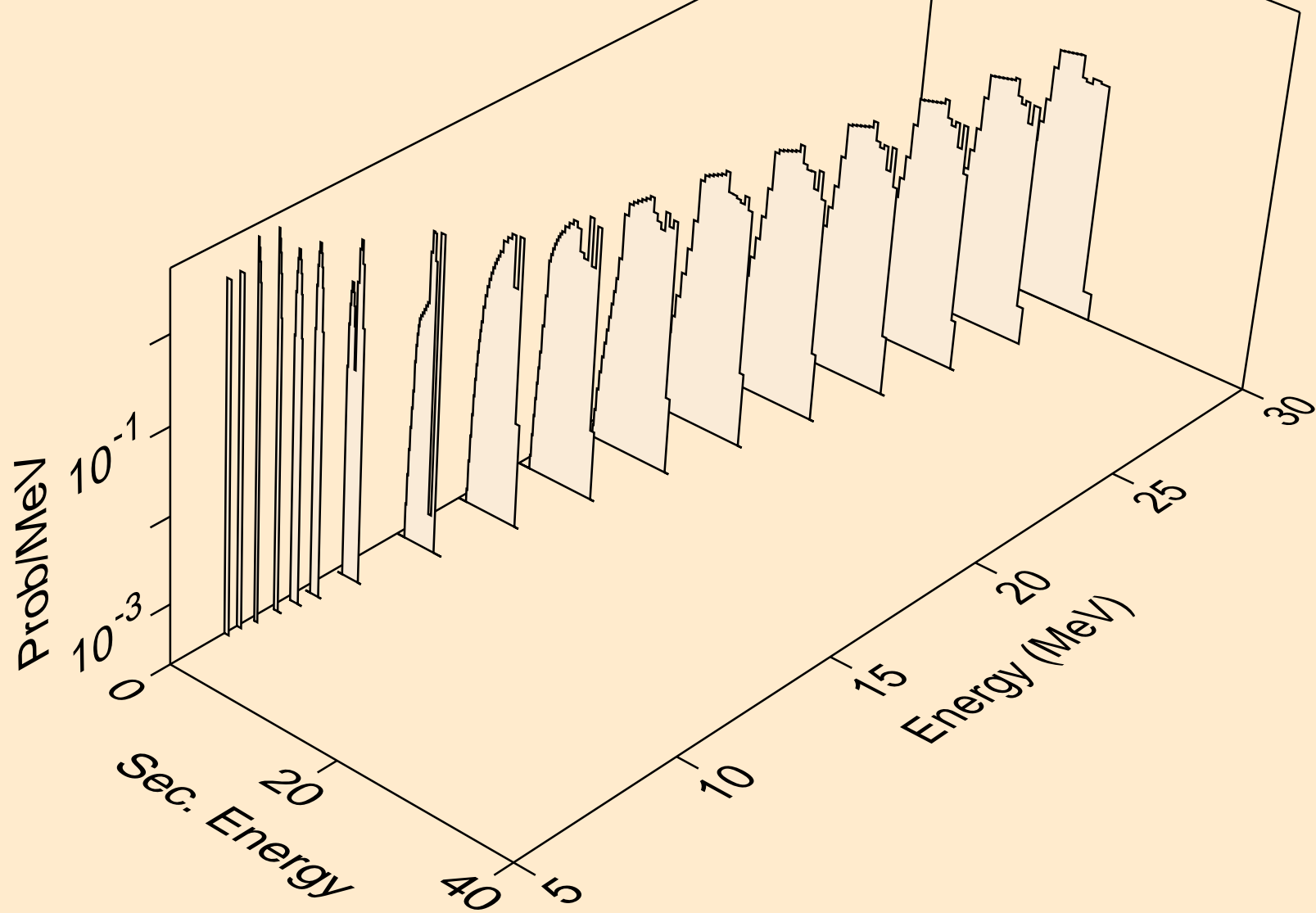


P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

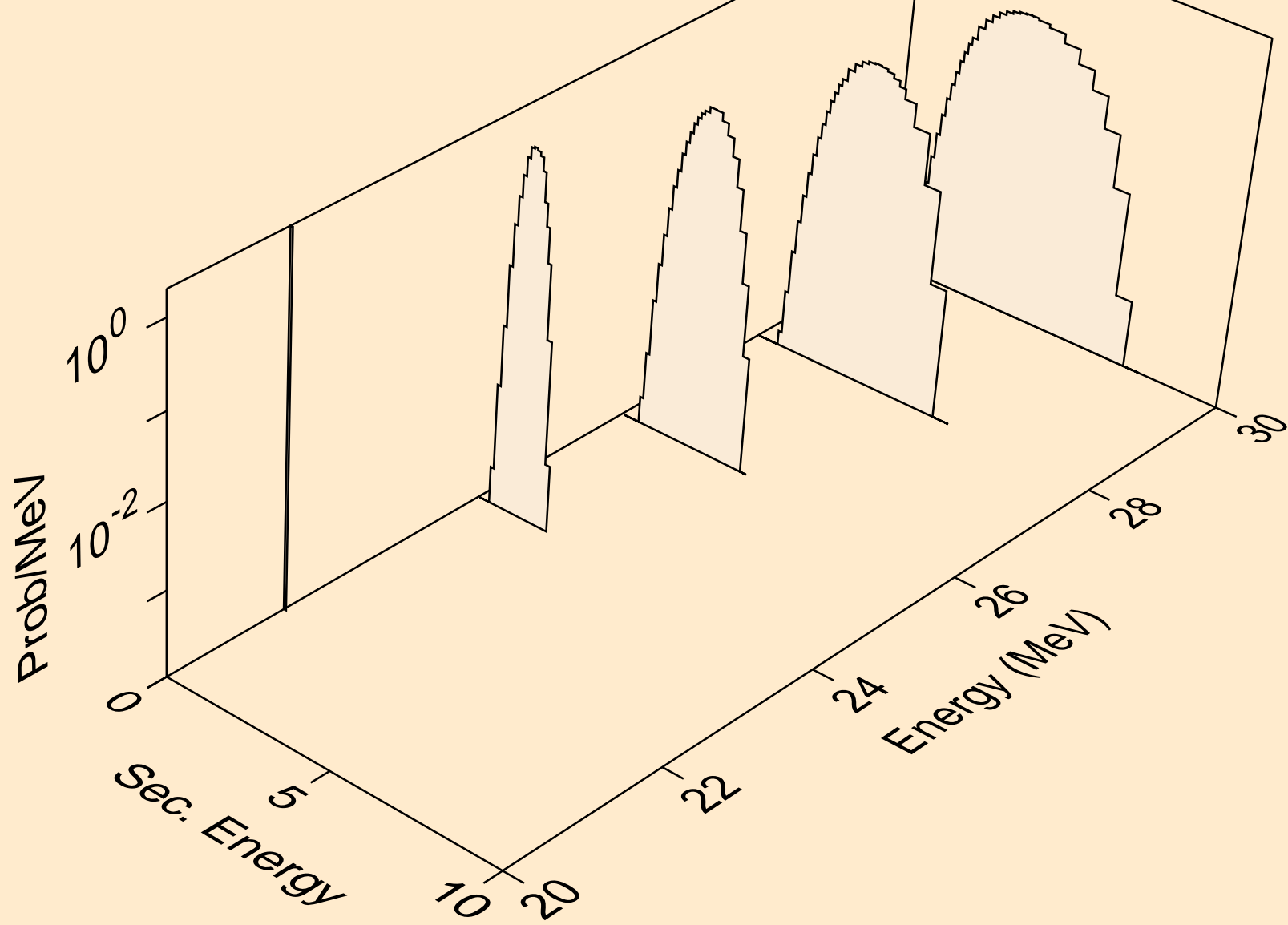




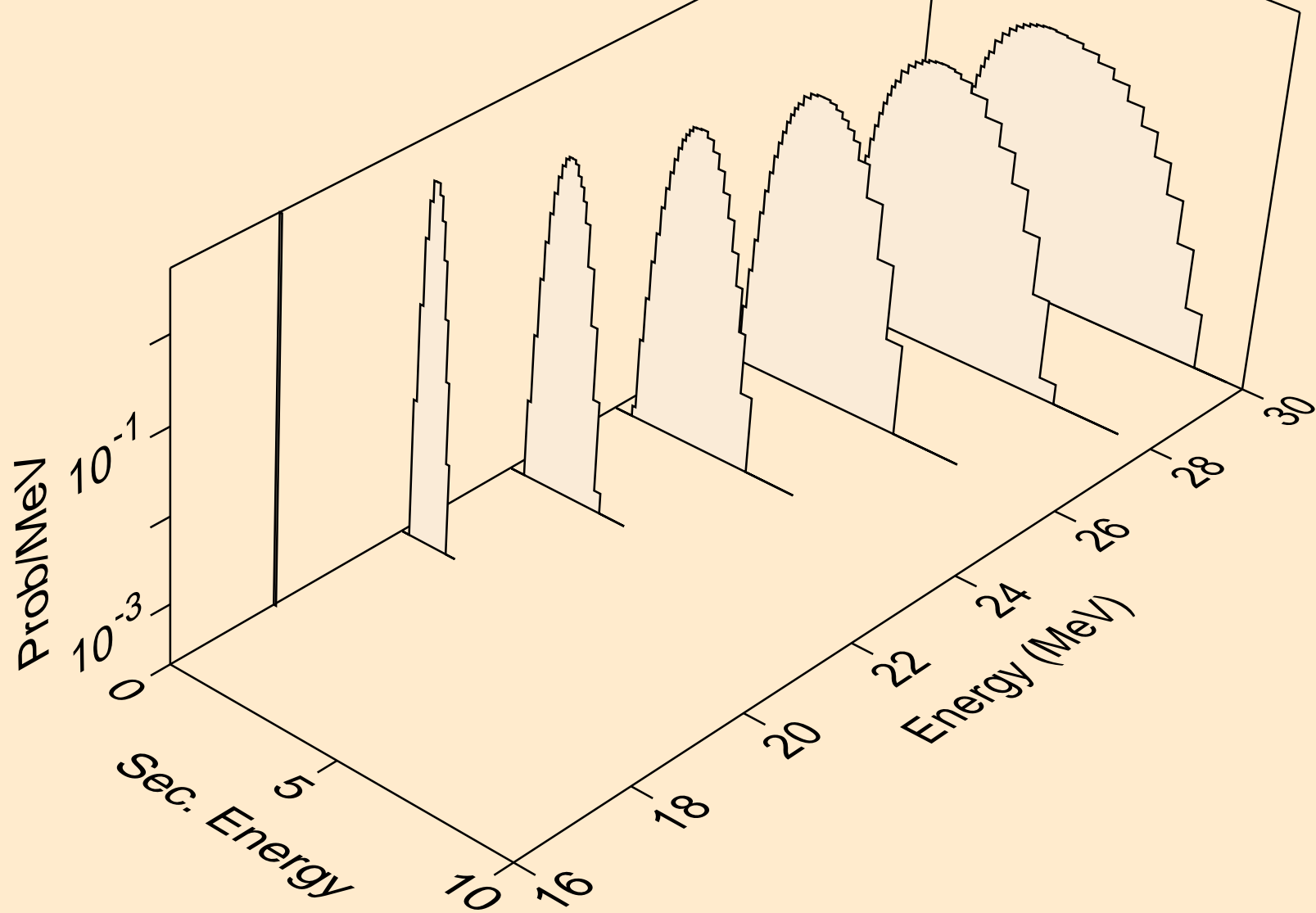
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deuterons from (n,d)



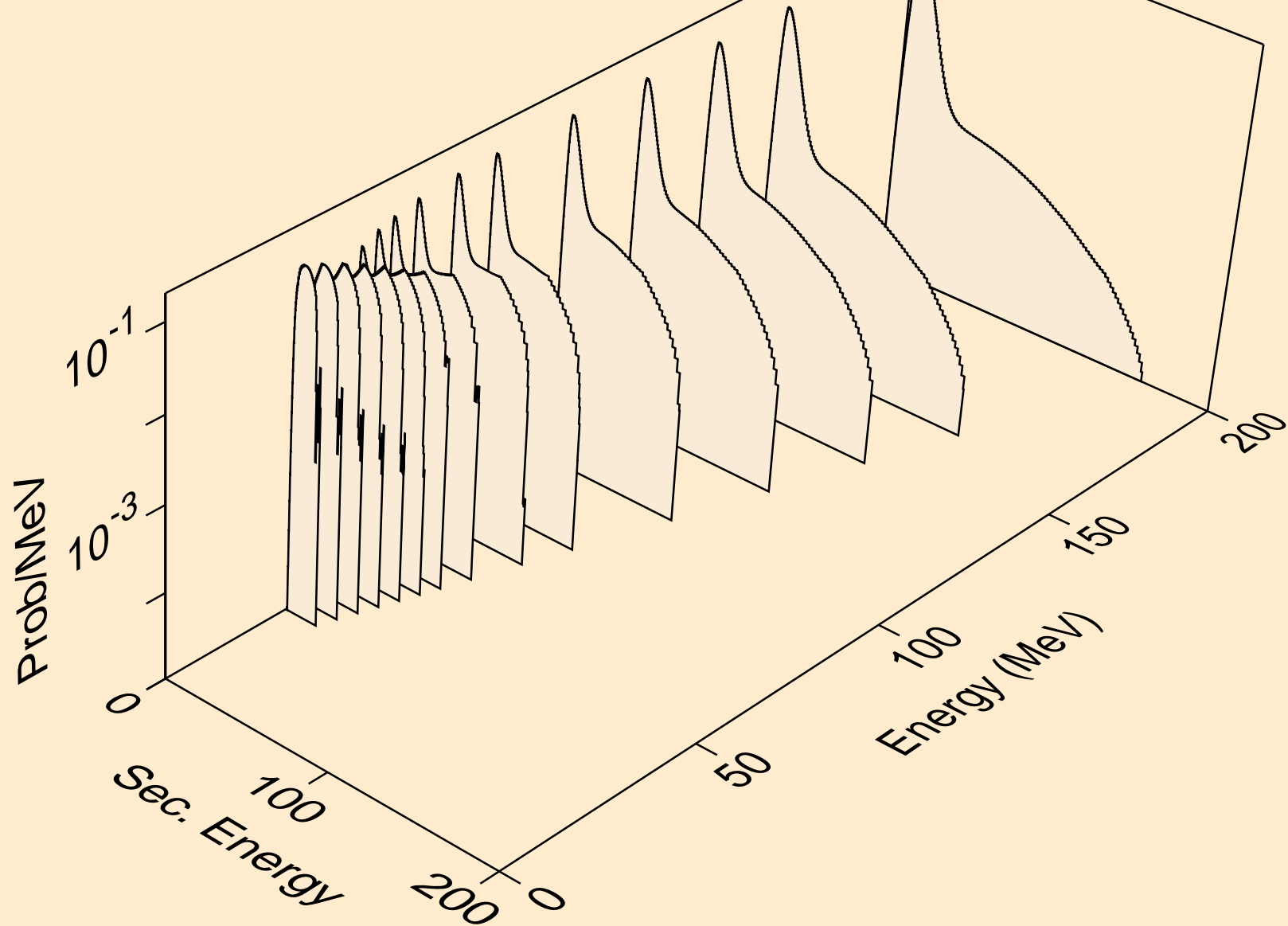
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deuterons from (n,pd)



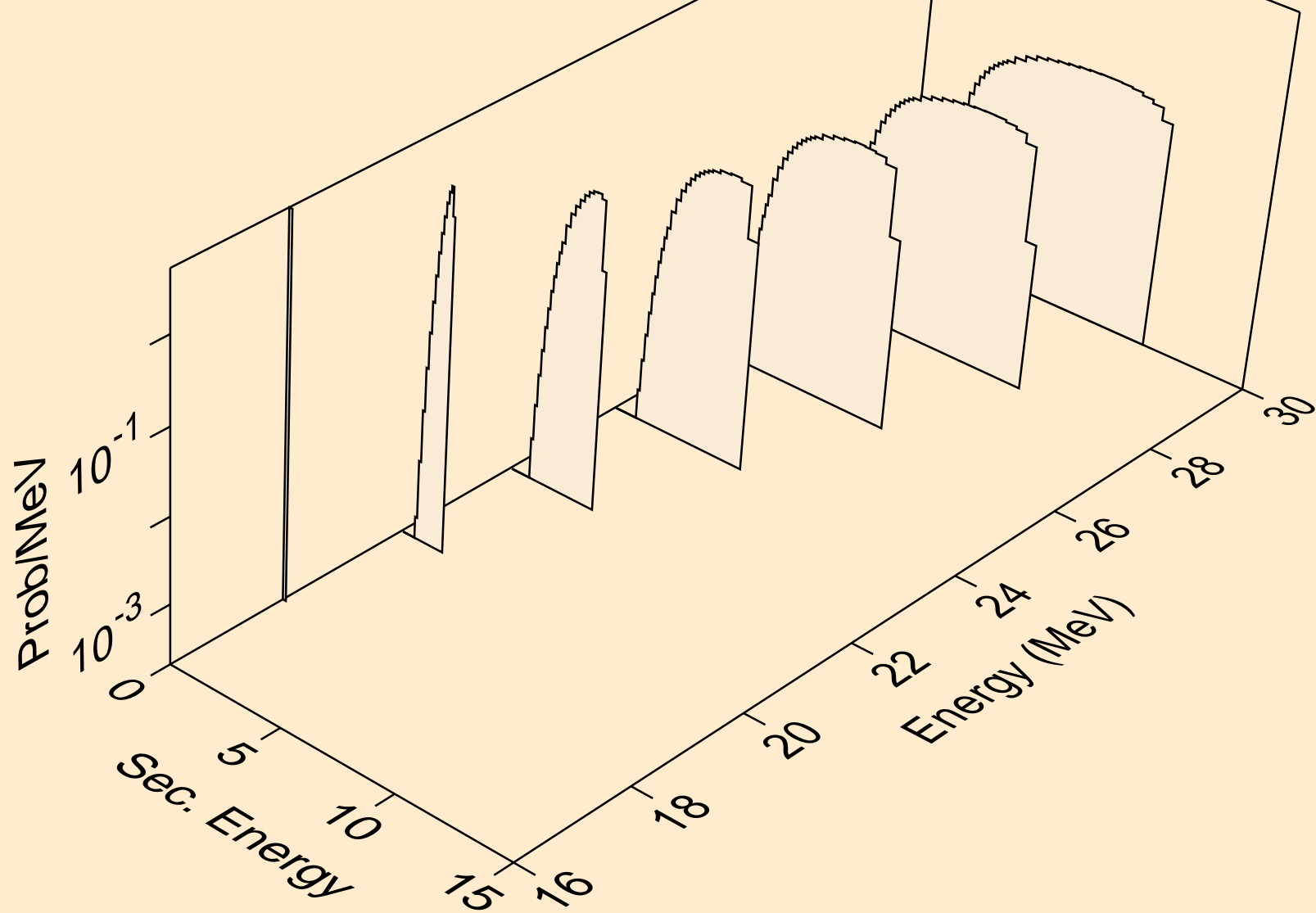
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deuterons from (n,da)



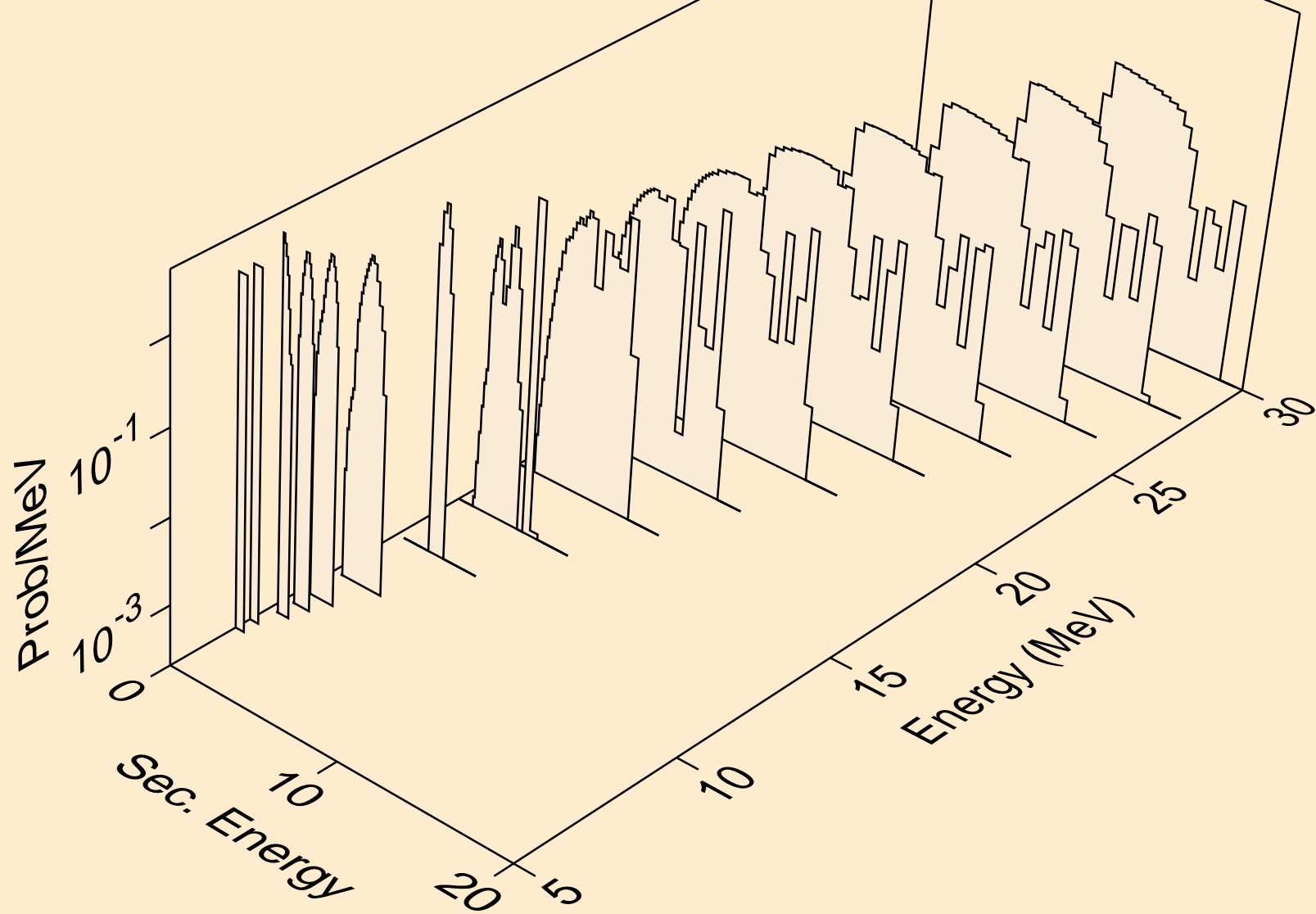
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tritons from (n,x)



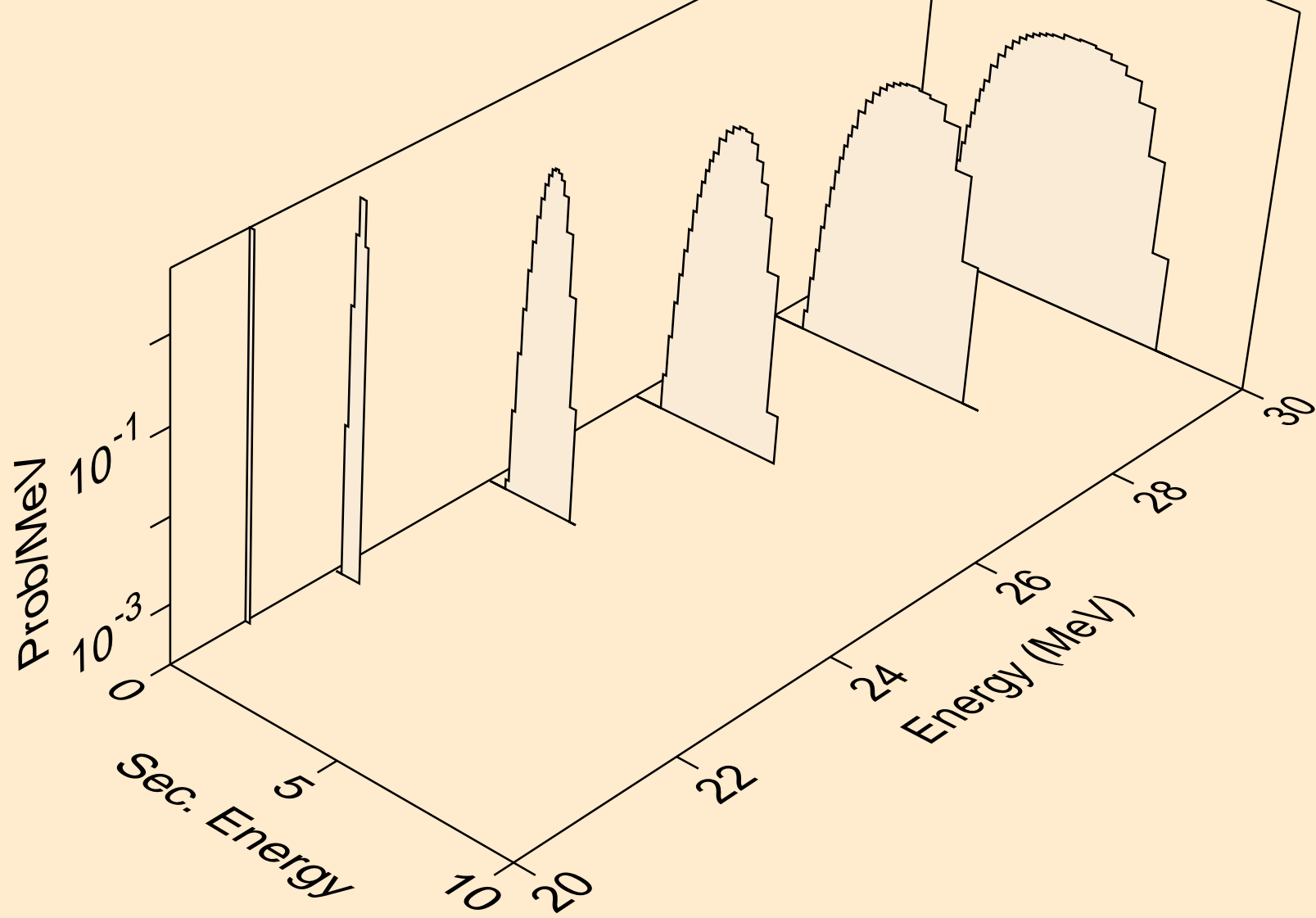
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



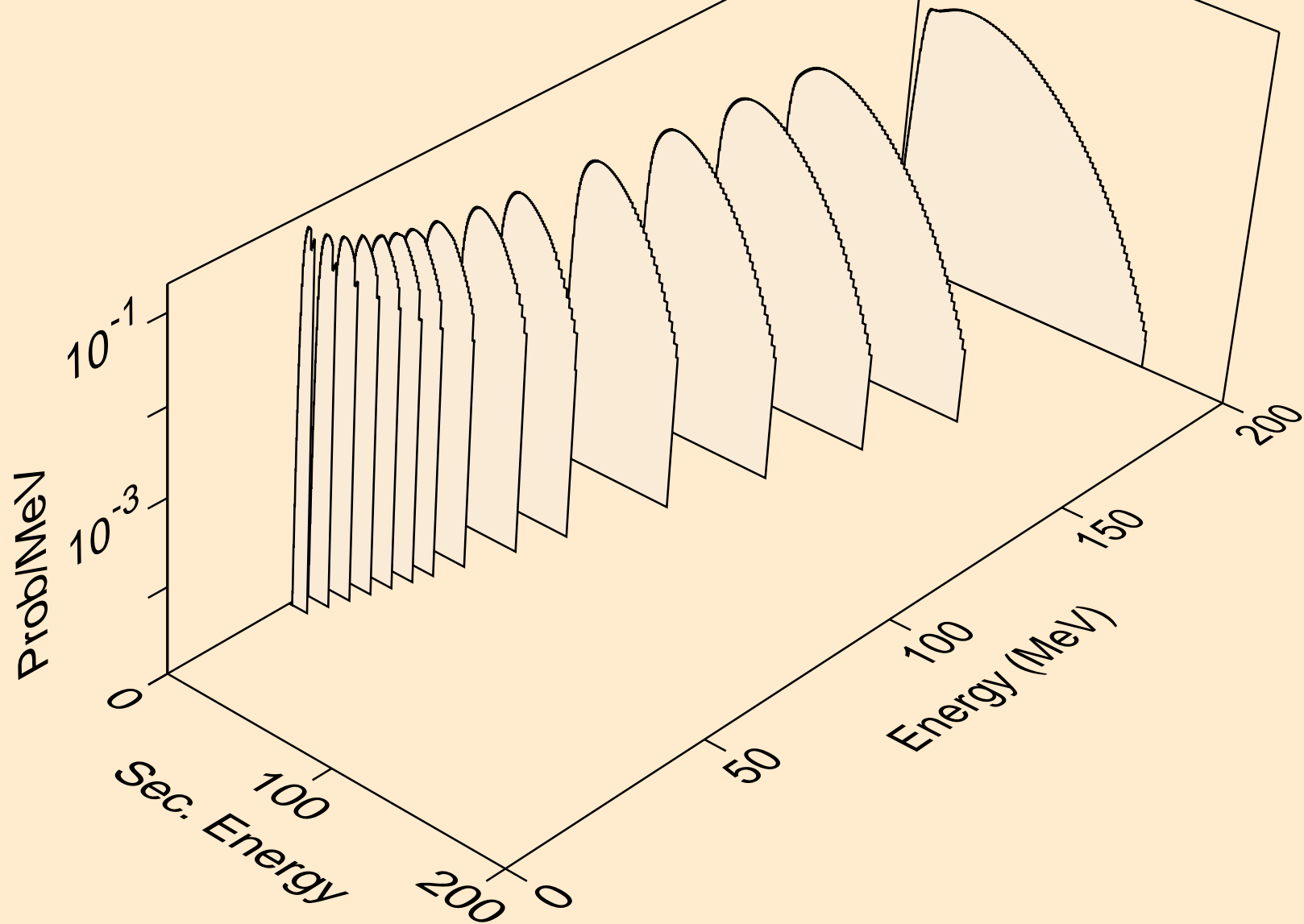
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tritons from (n,t)



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

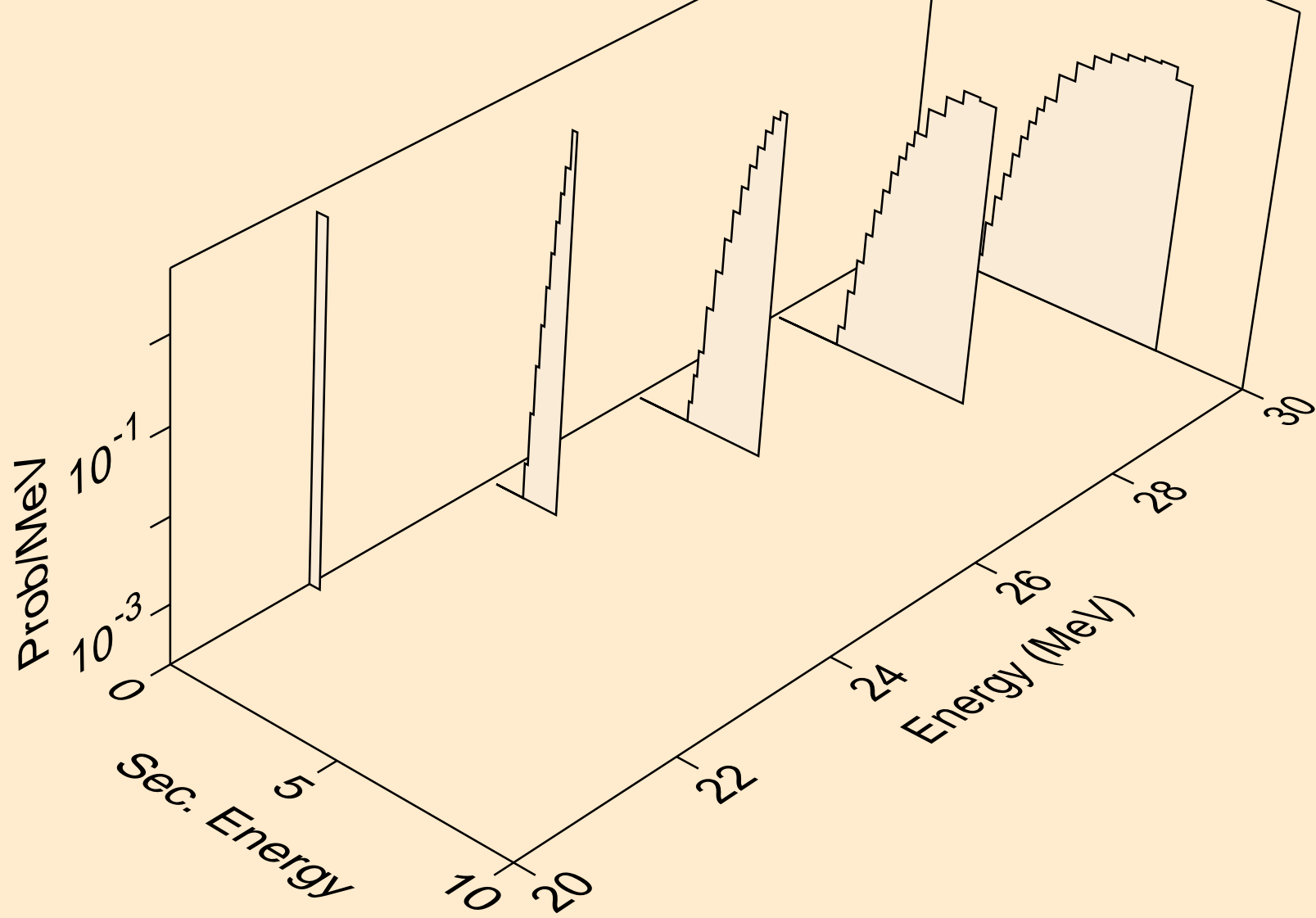


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he3s from (n,x)

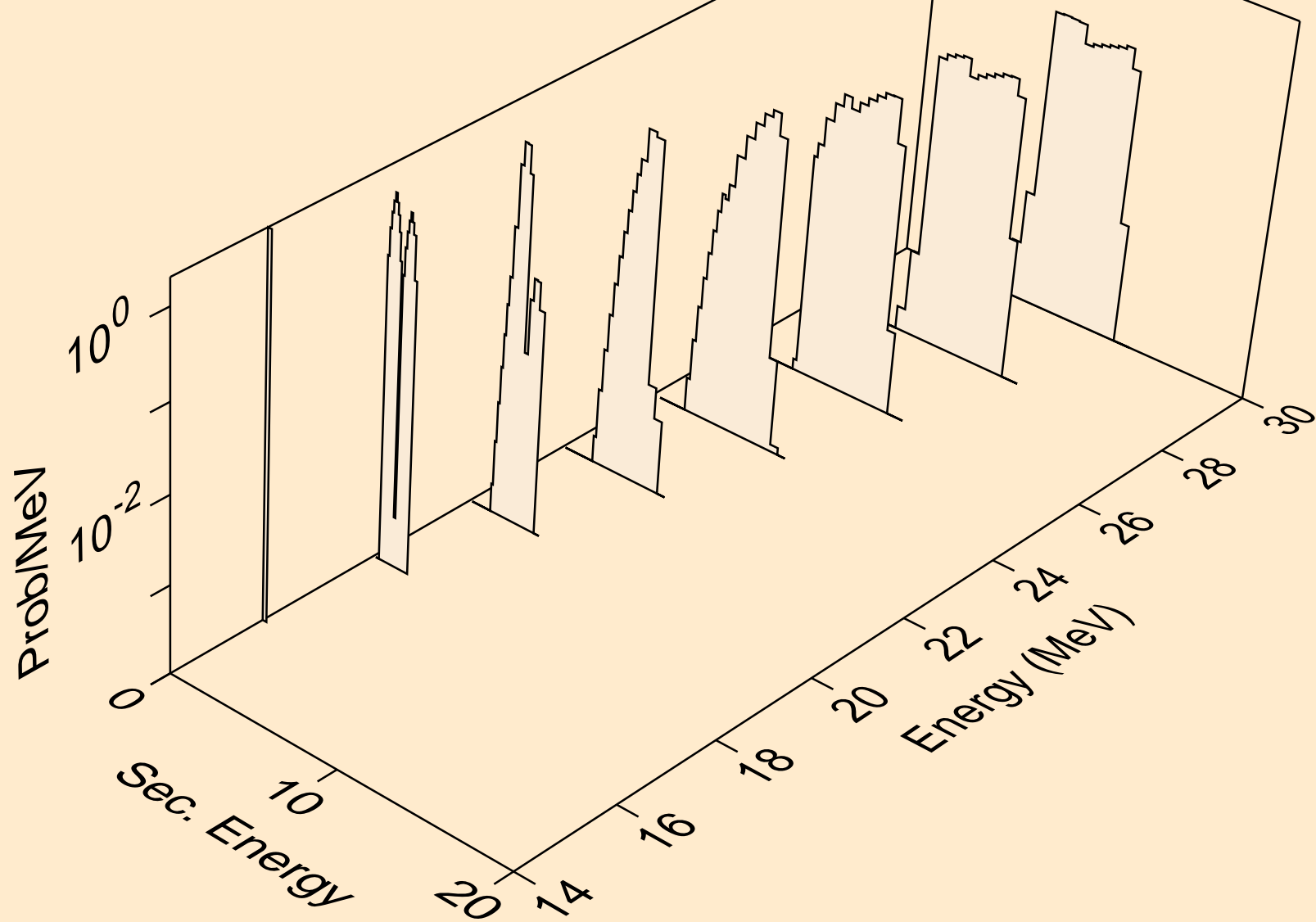




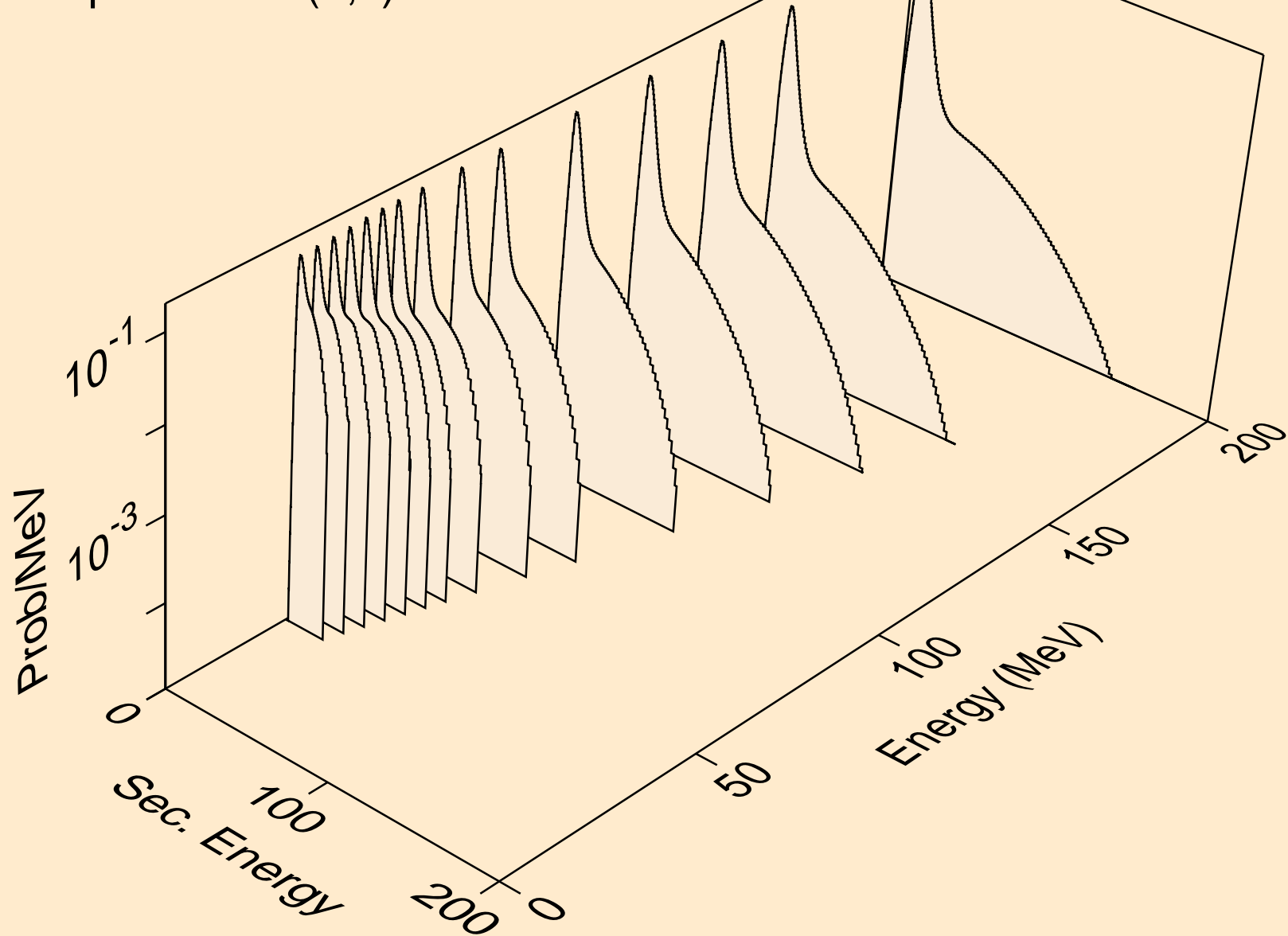
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he3s from (n,n\*)he3



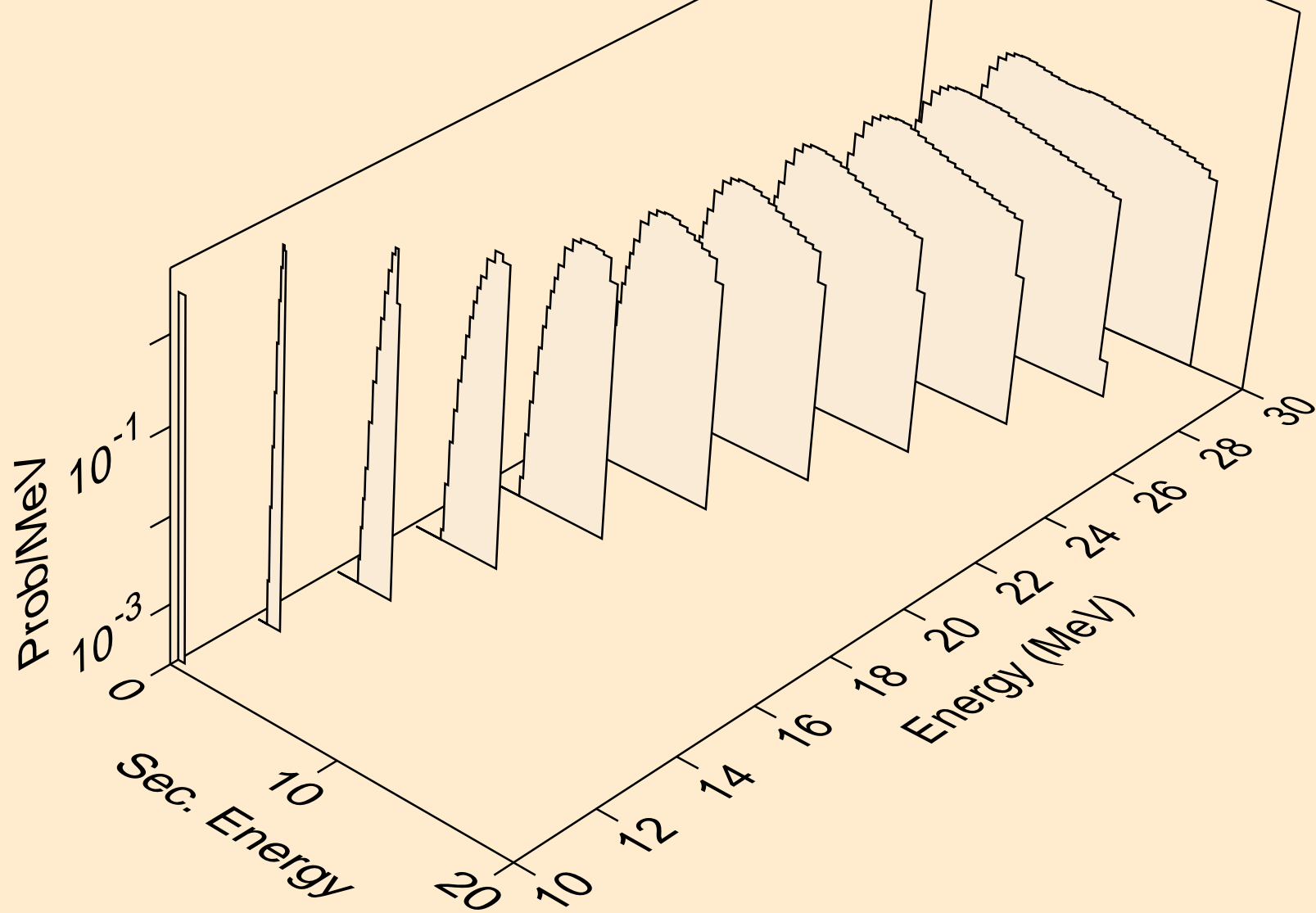
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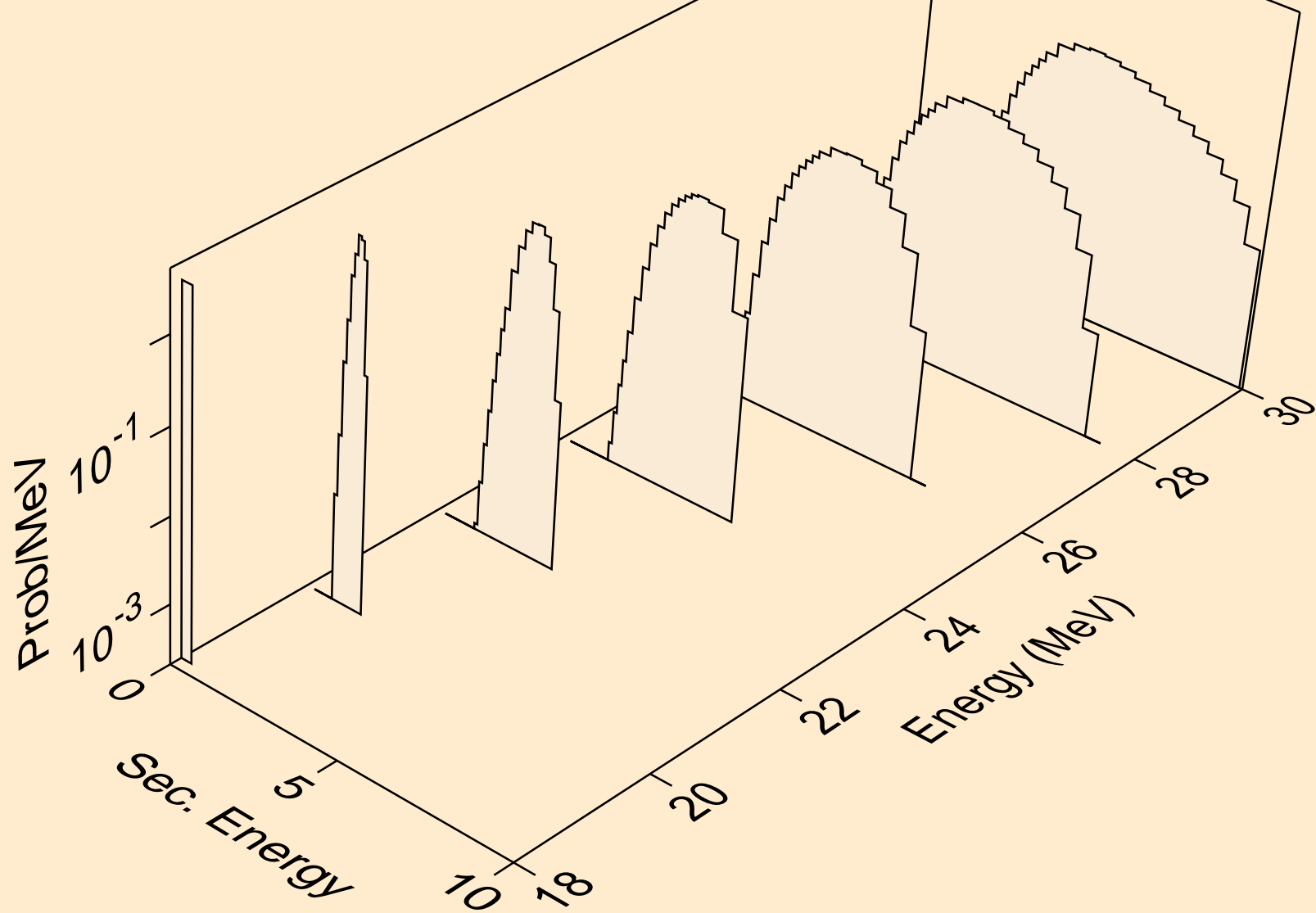
P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



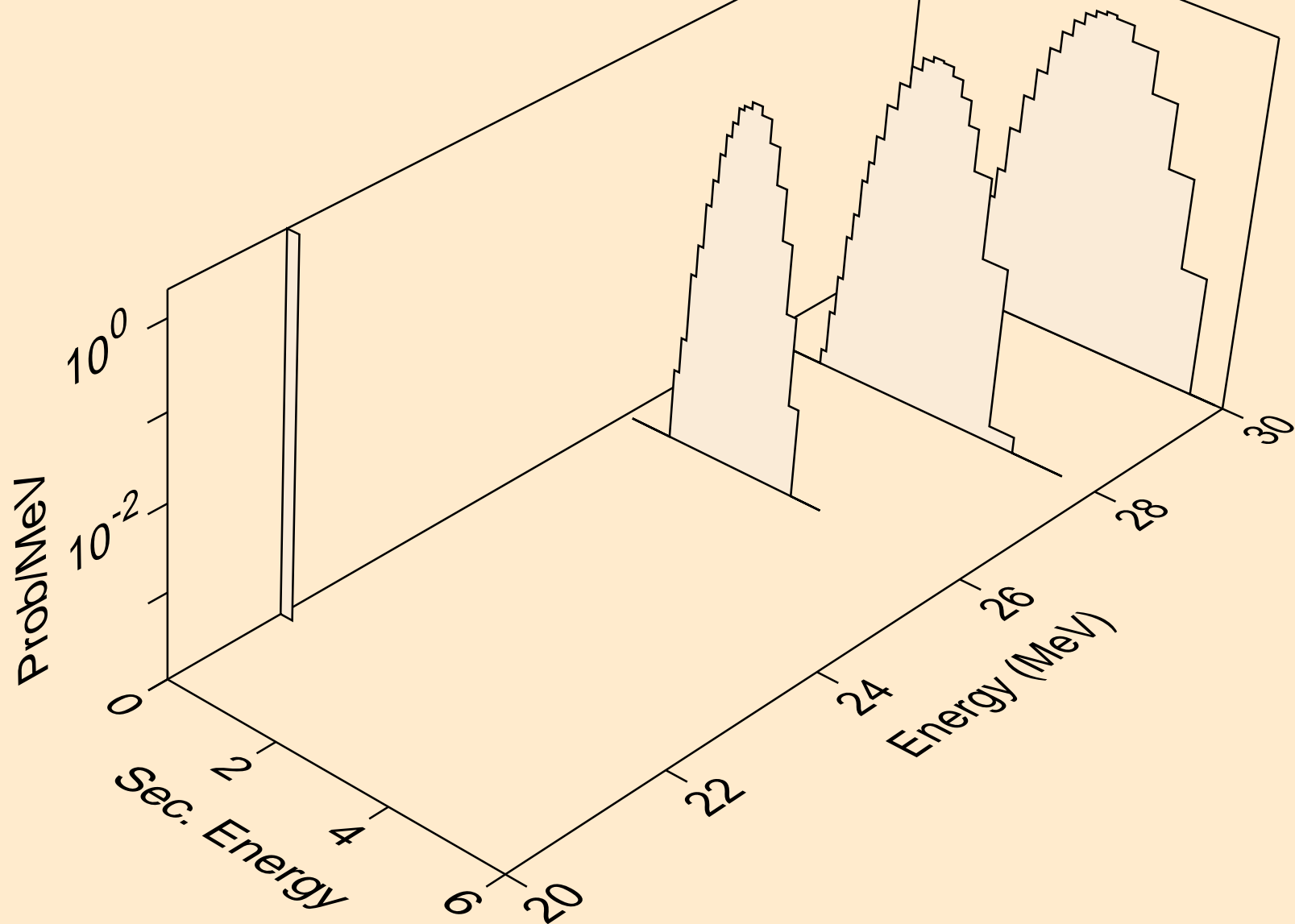
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alphas from (n,n\*)a



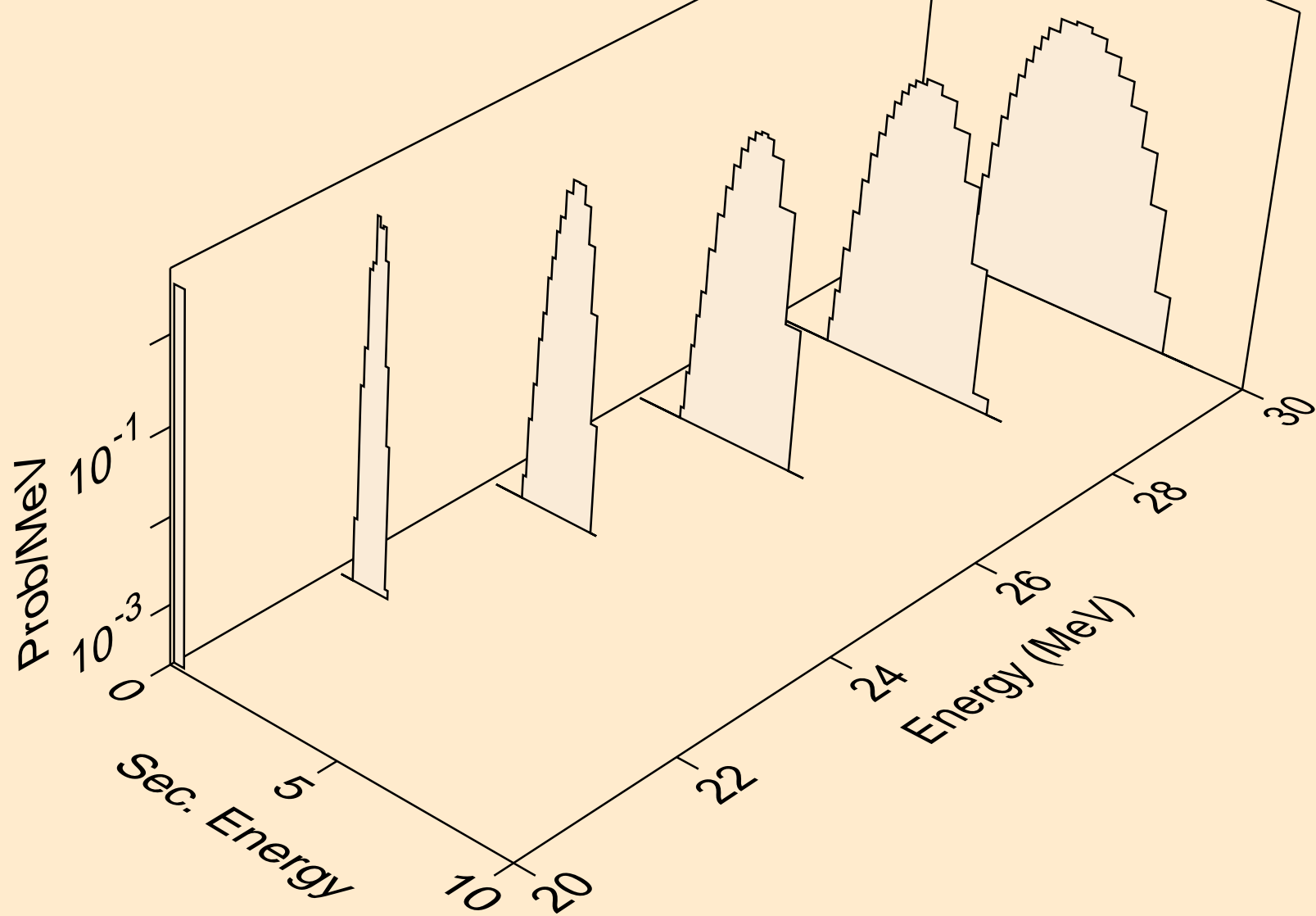
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alphas from (n,2n)a



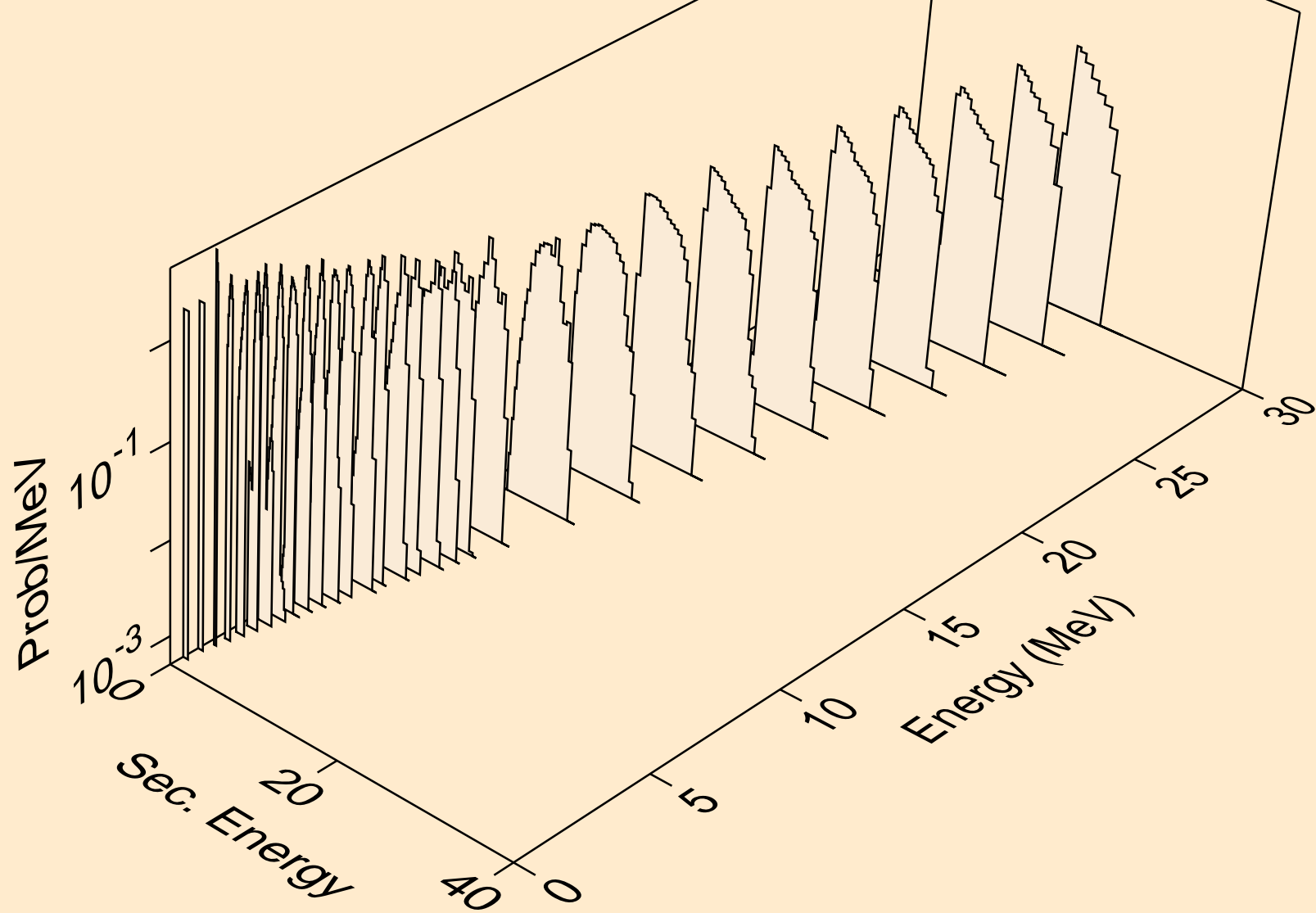
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alphas from (n,n\*)2a



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

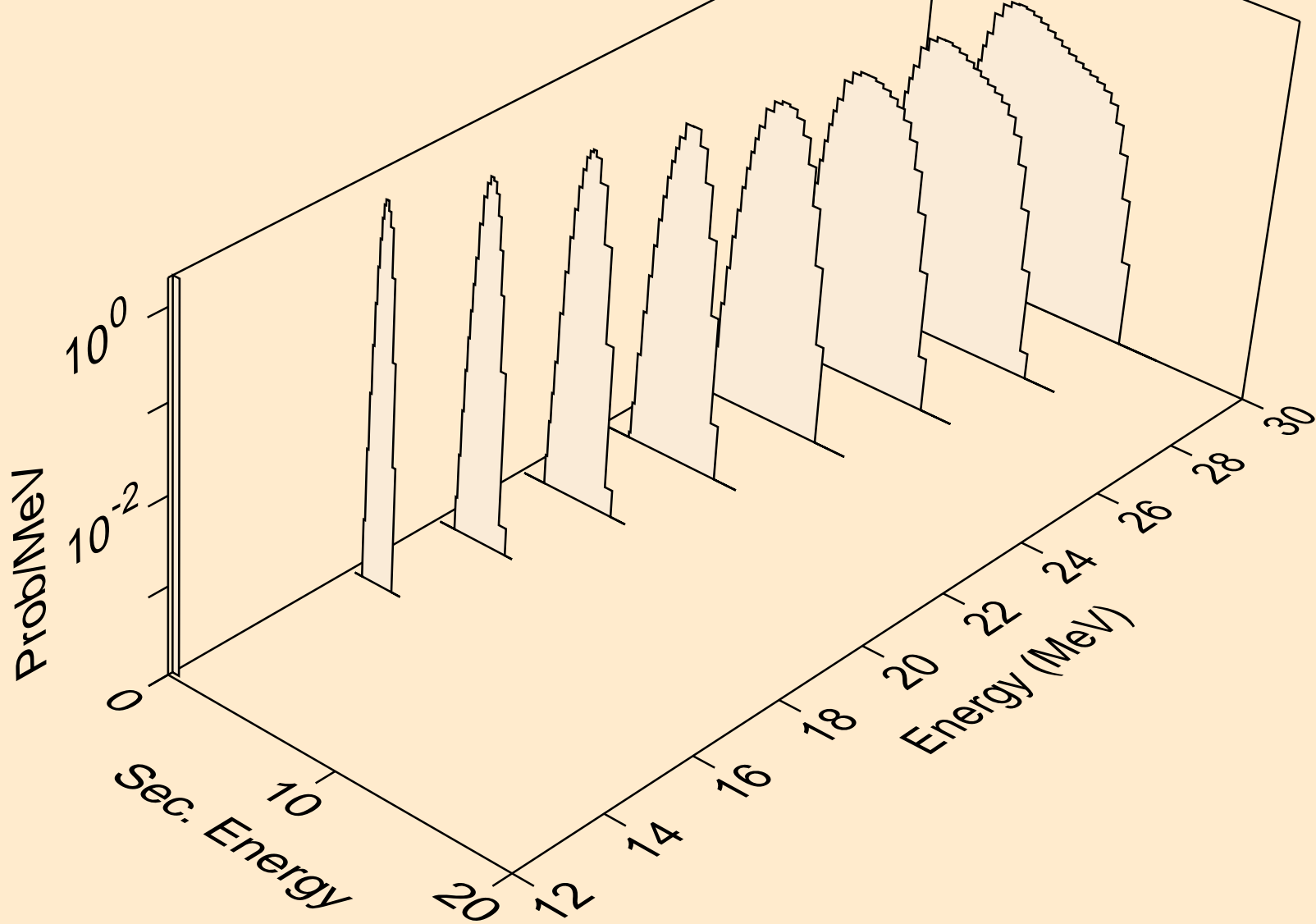


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alphas from (n,a)

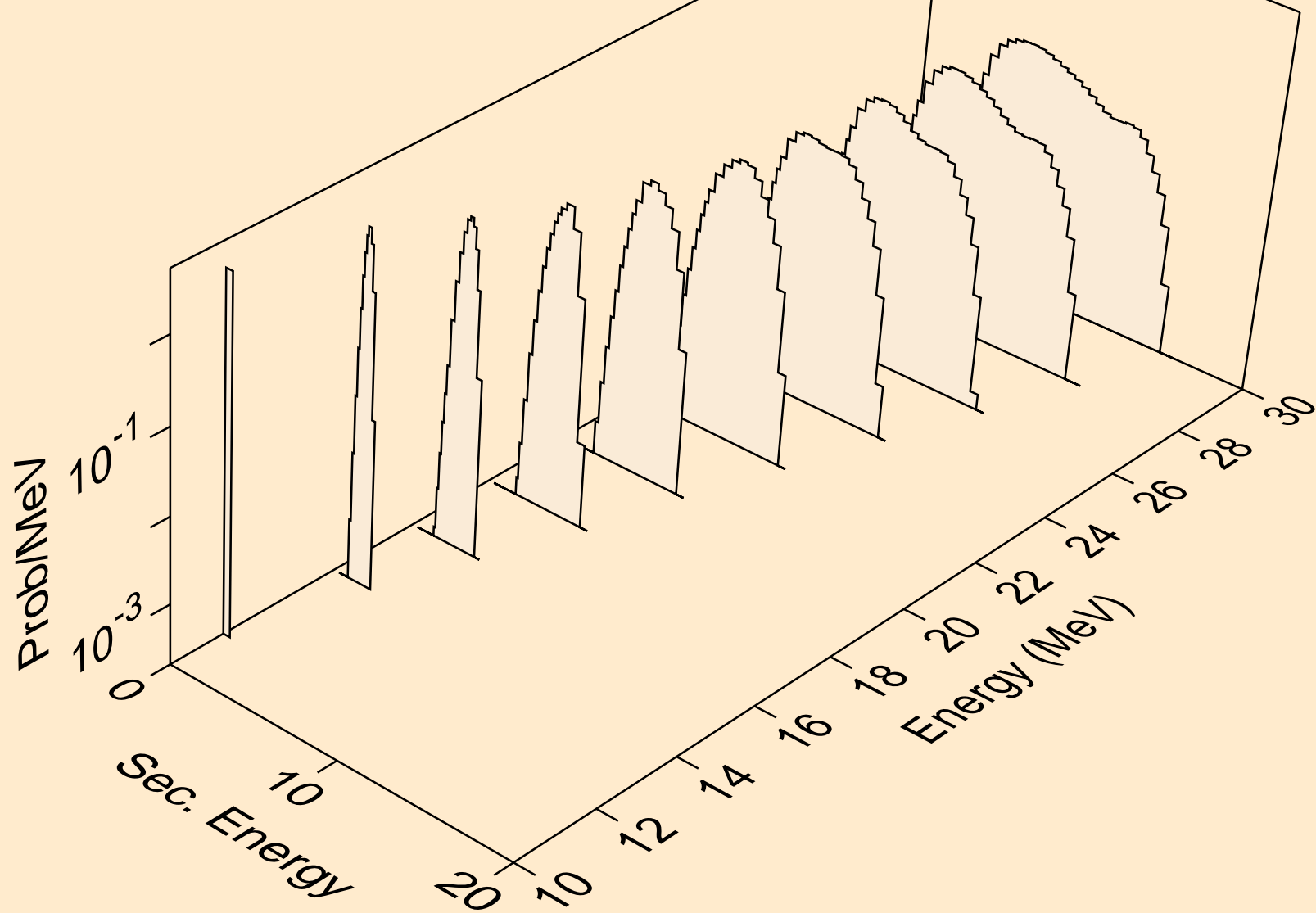




P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



P032 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

