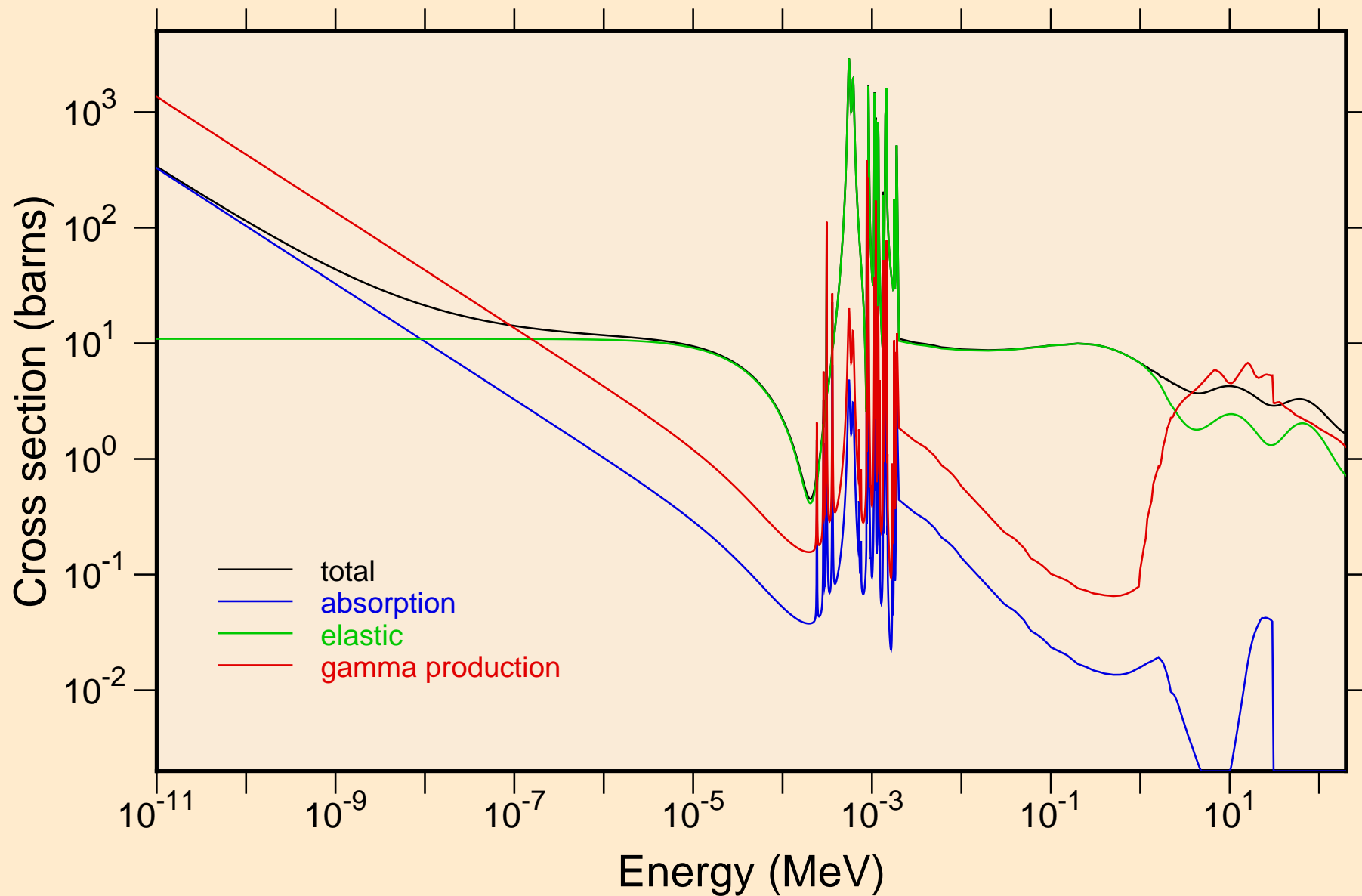
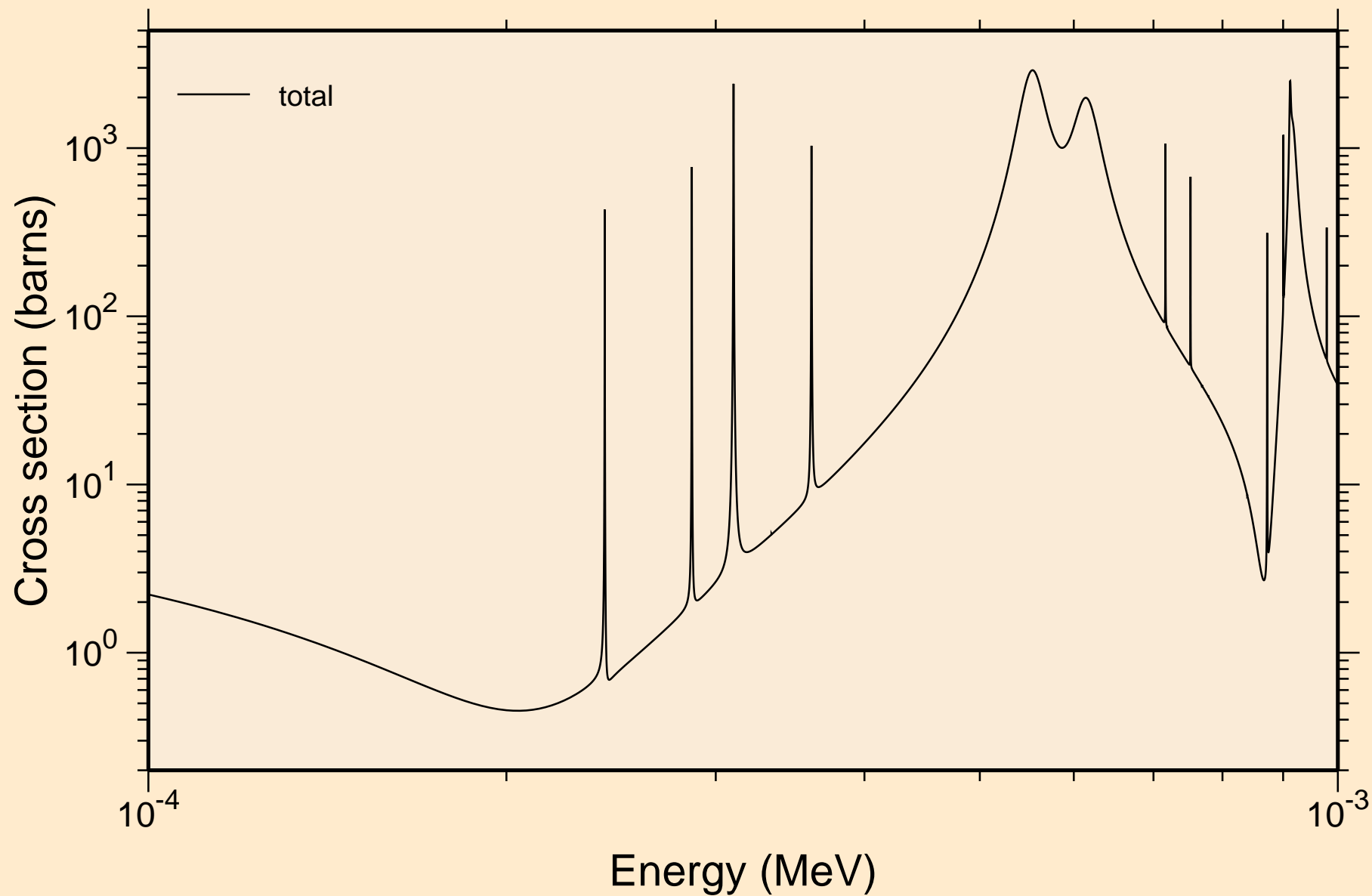


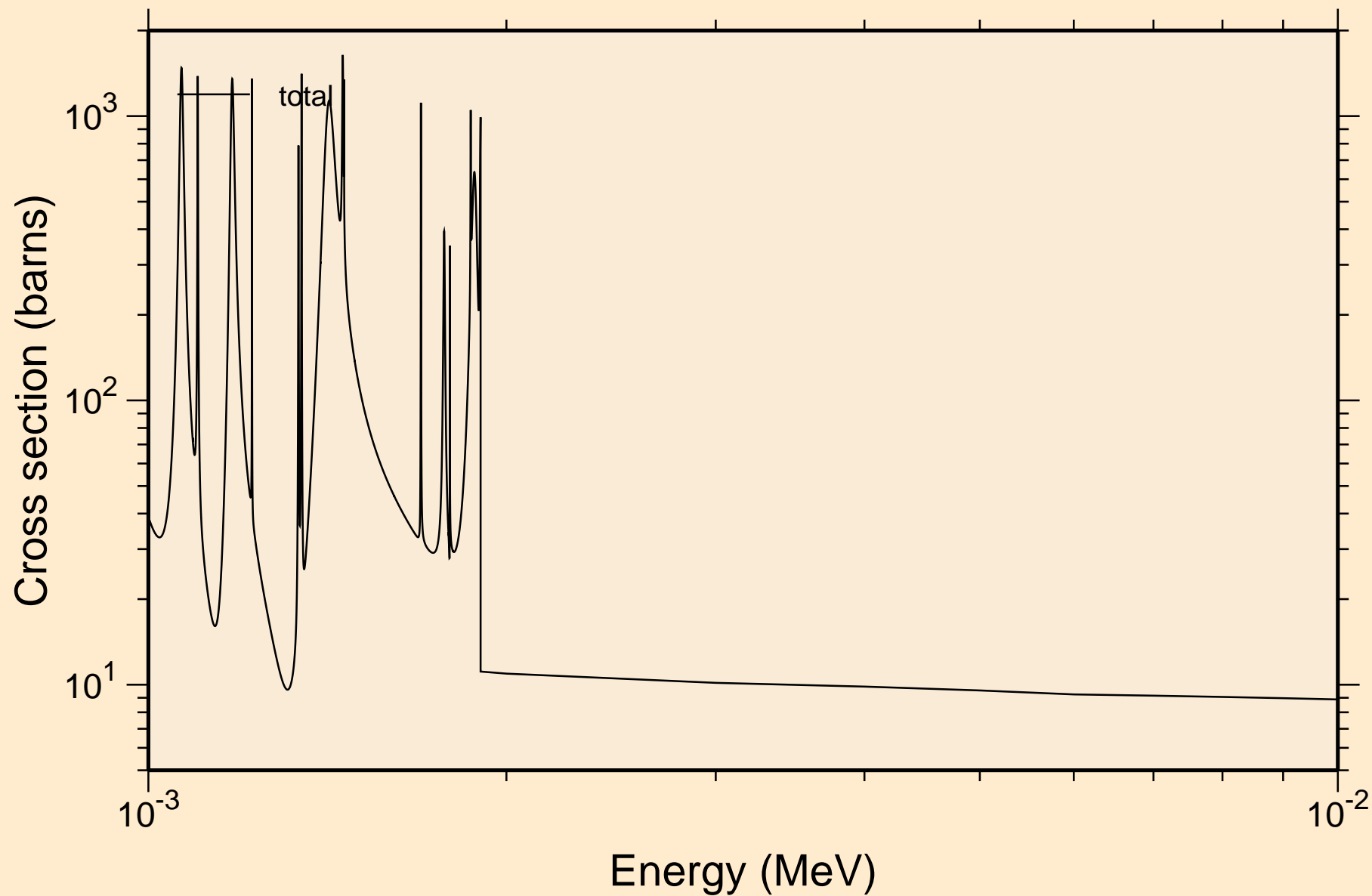
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



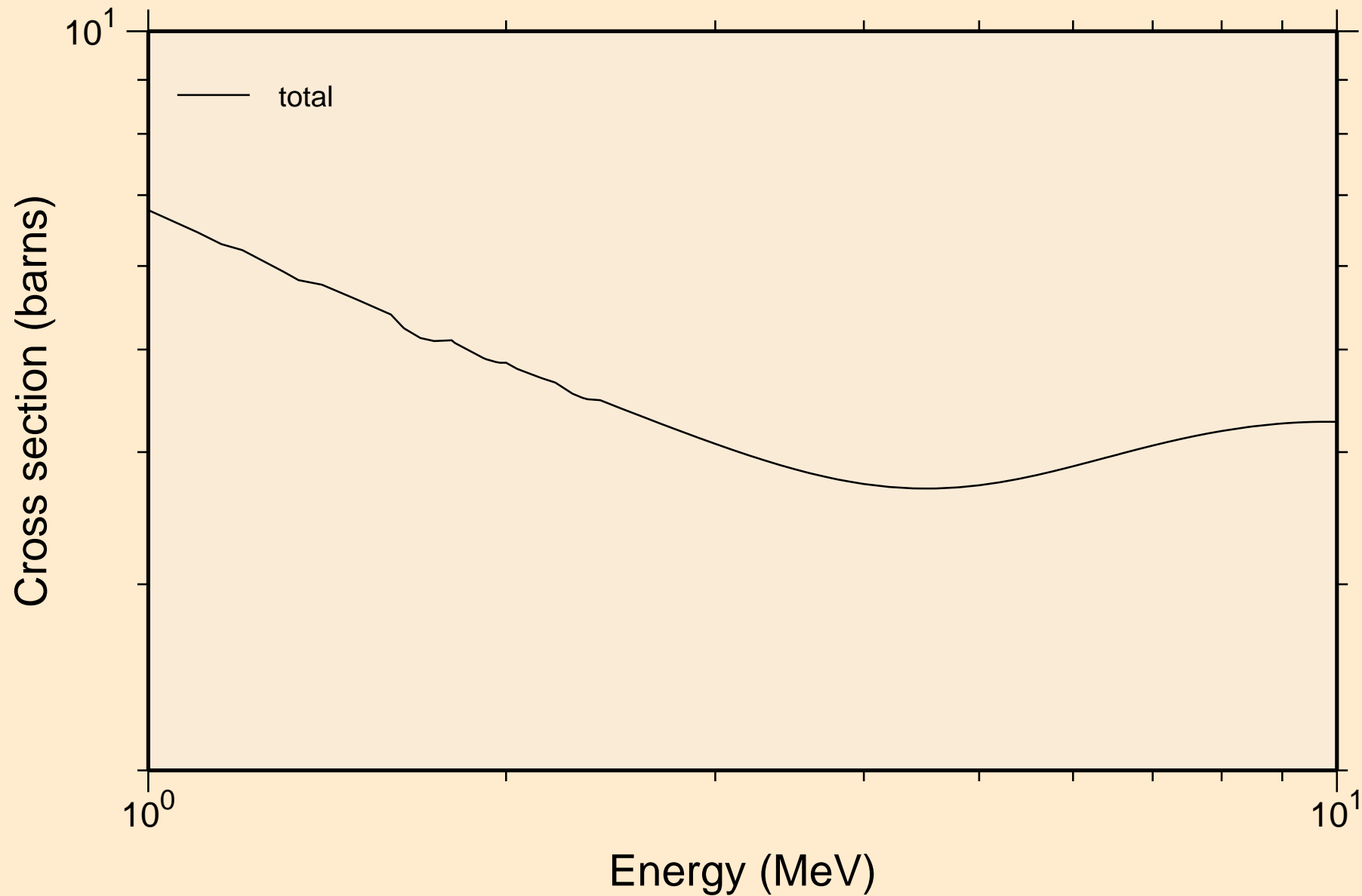
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resonance total cross section



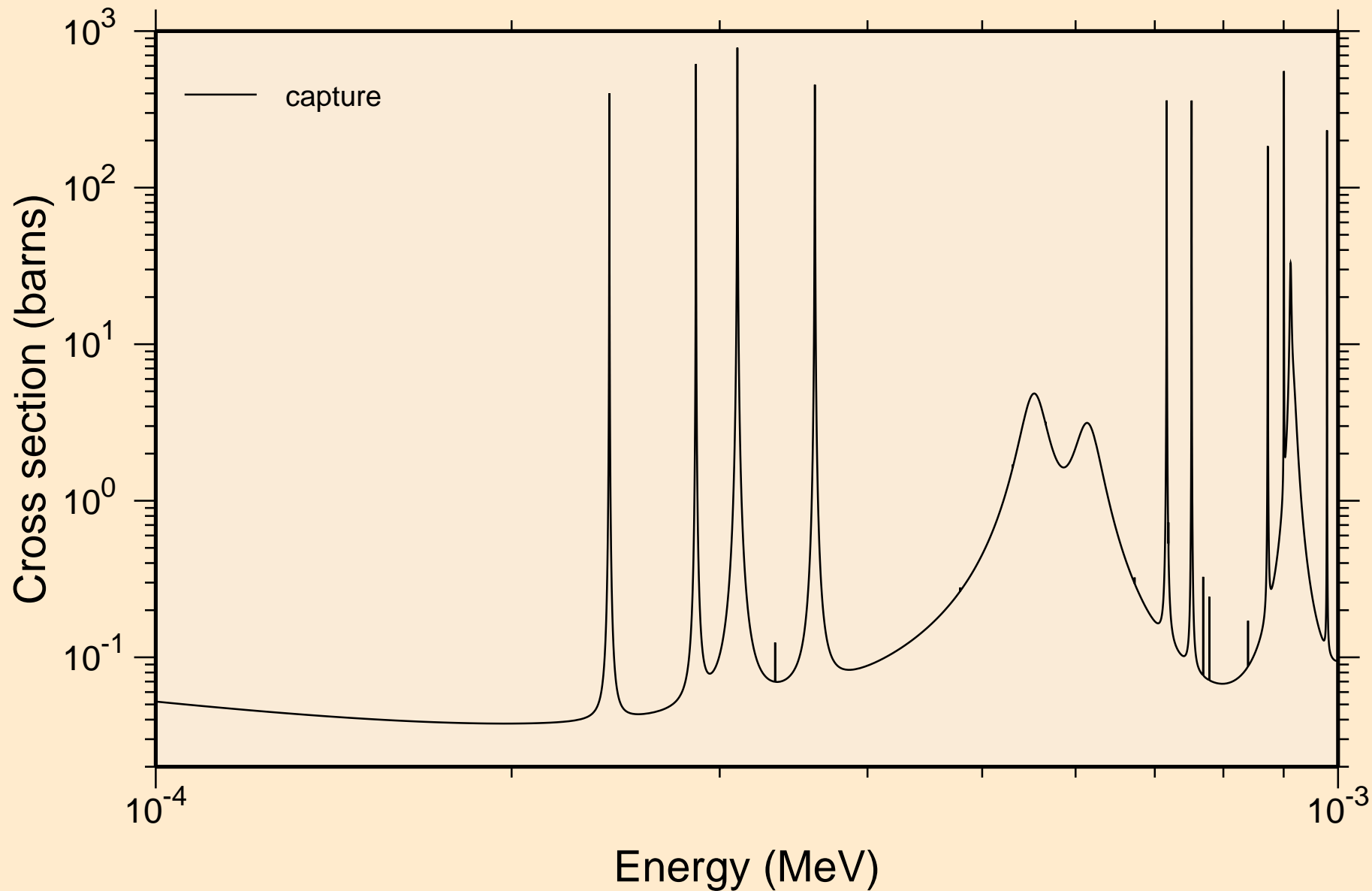
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resonance total cross section



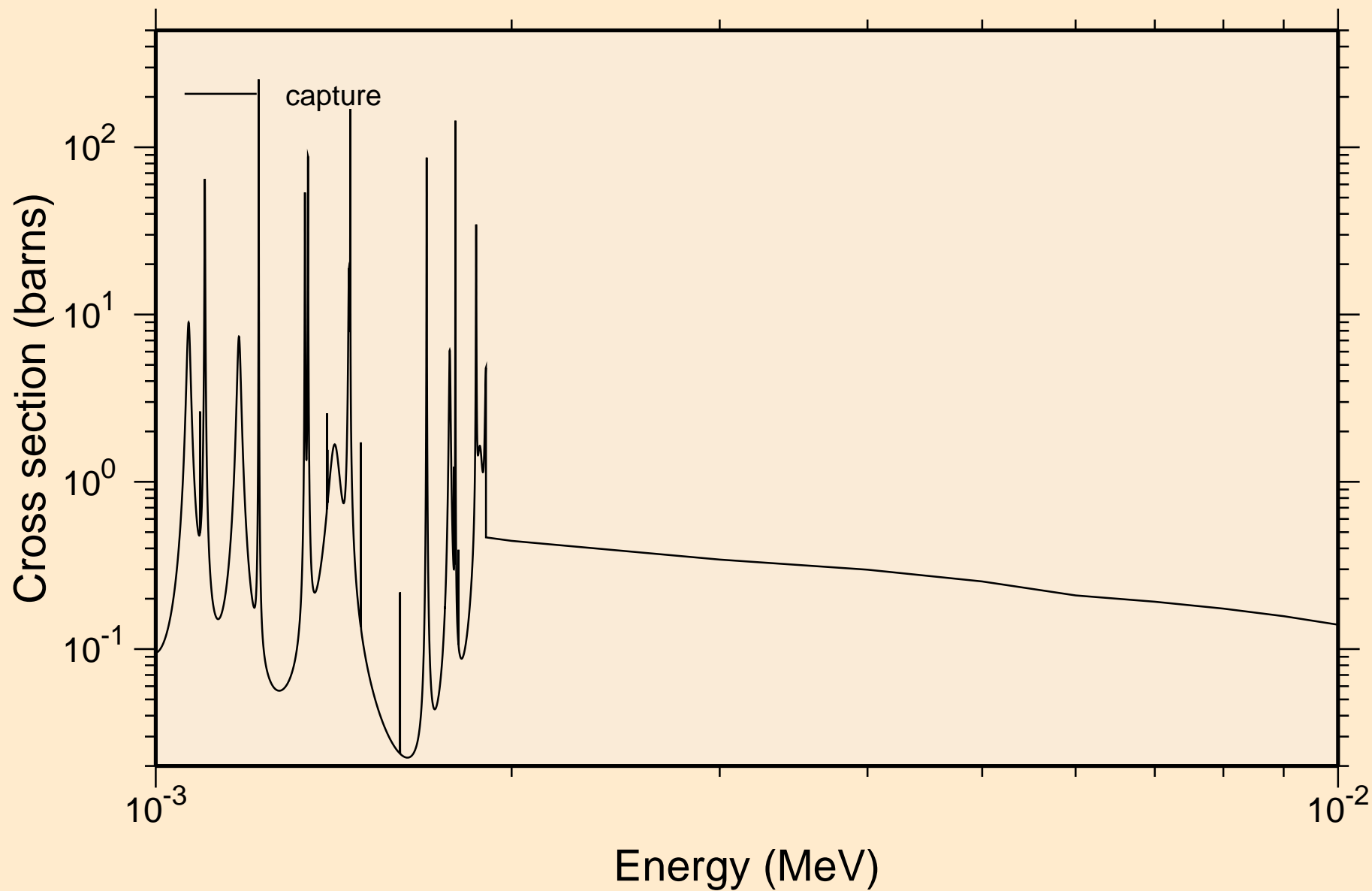
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



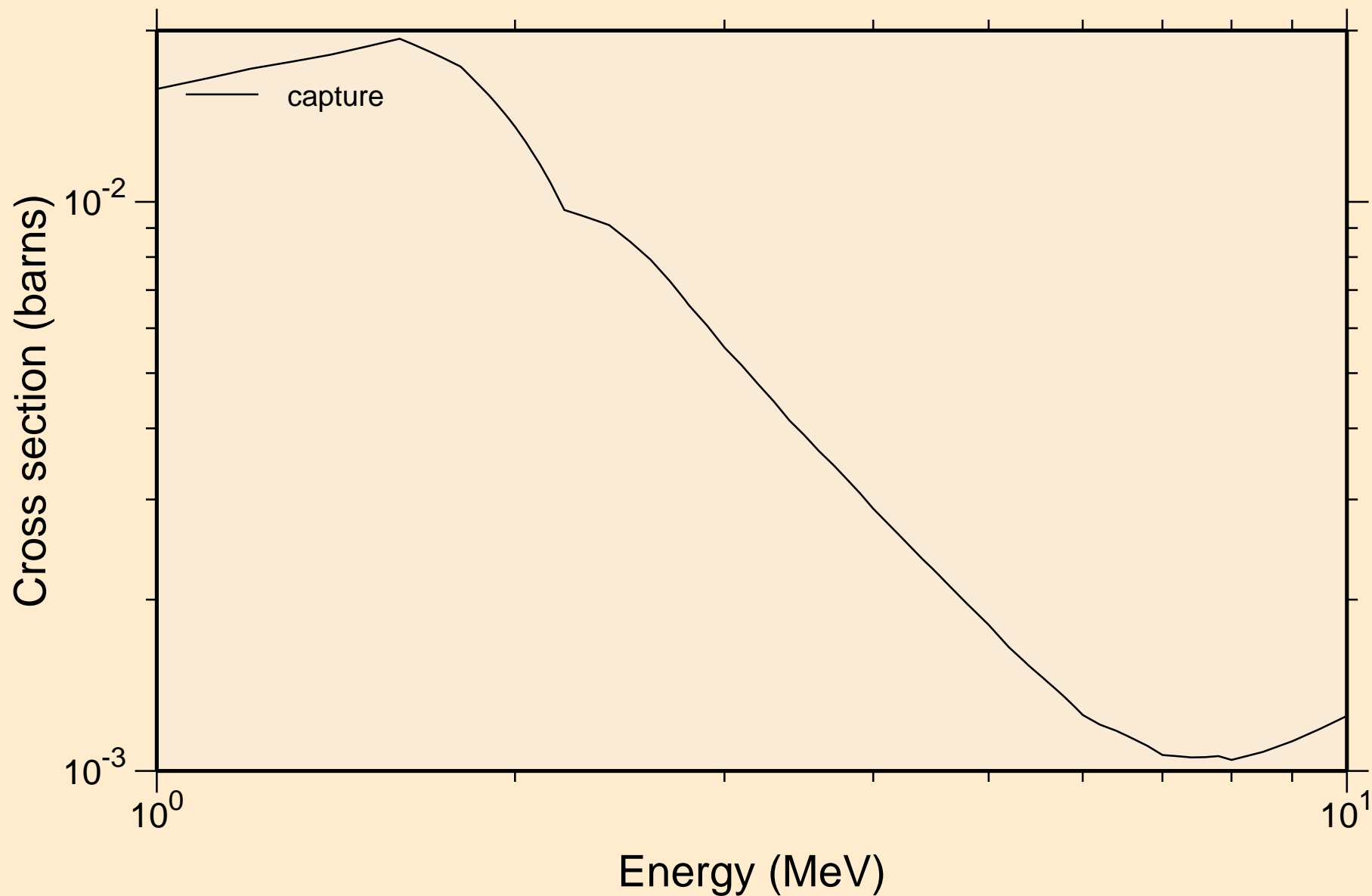
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



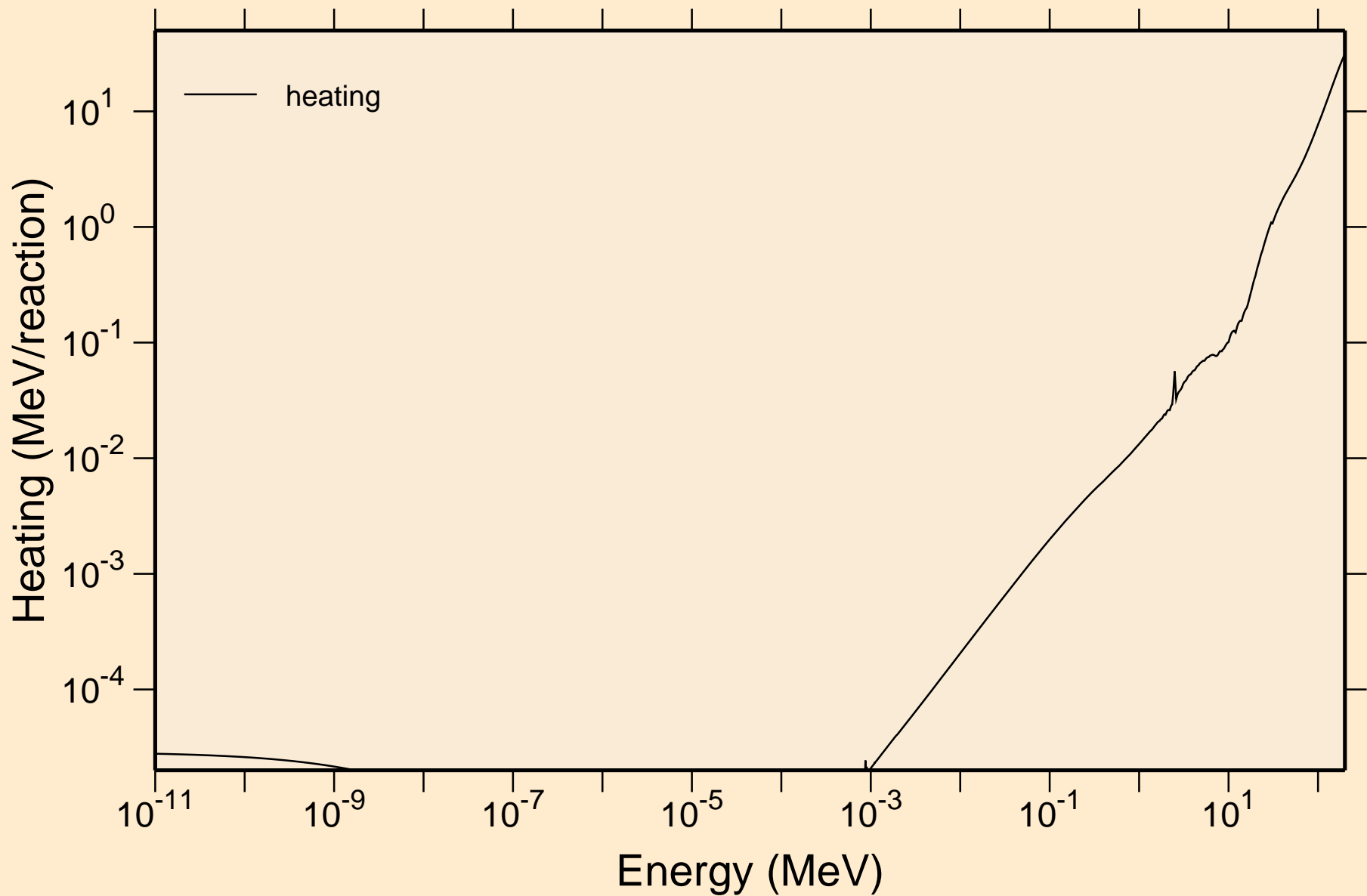
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

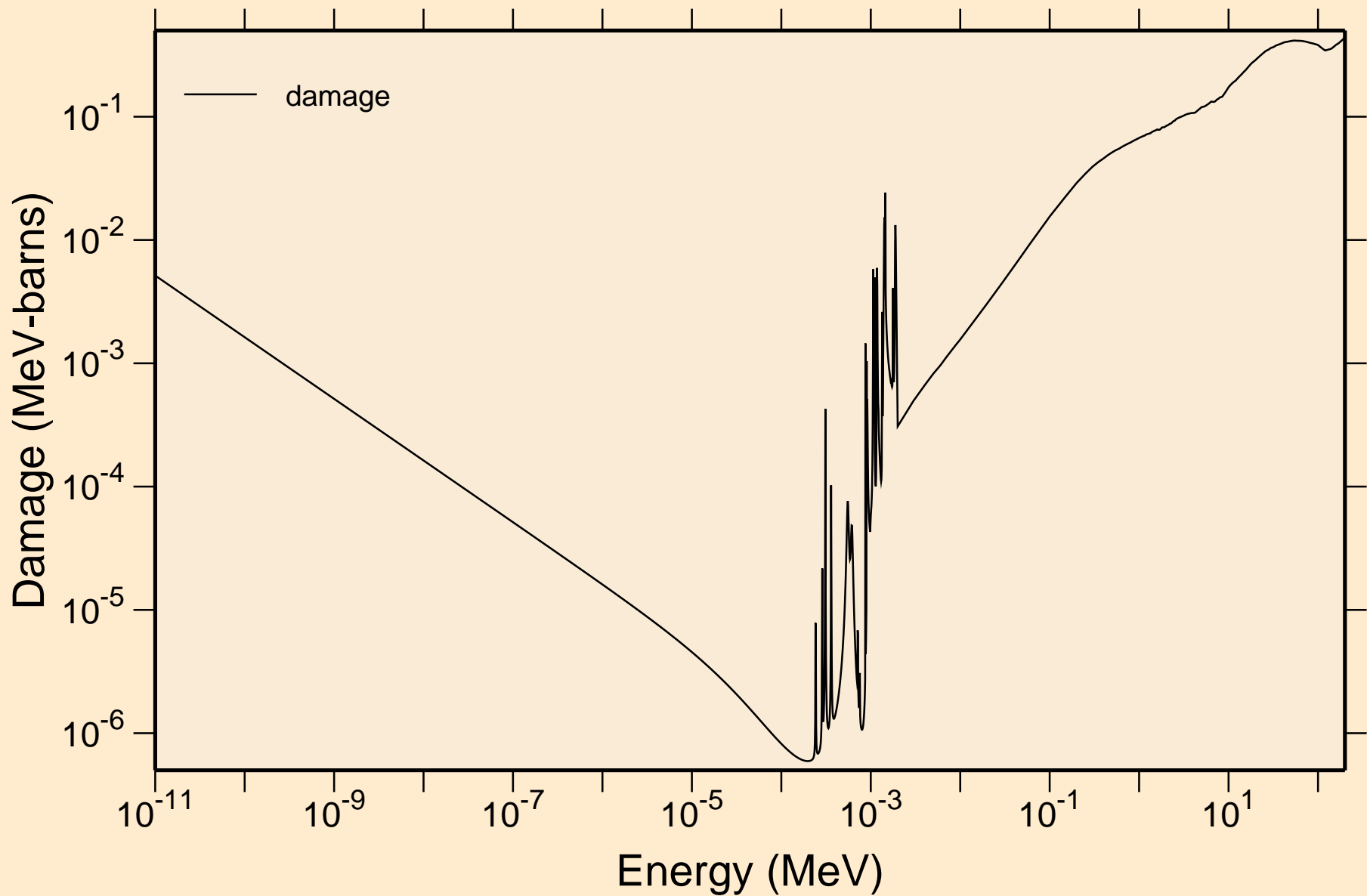


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

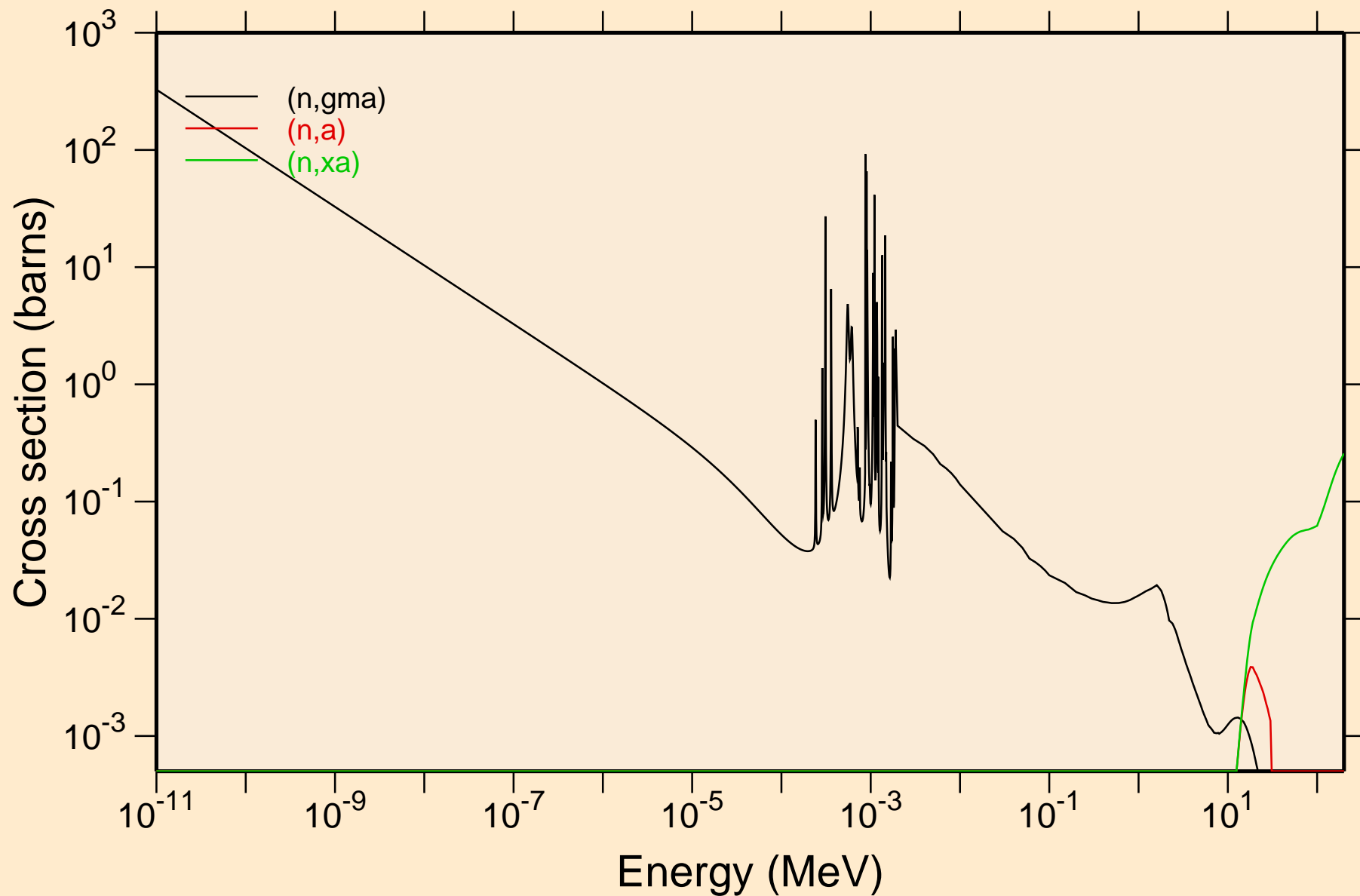




ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

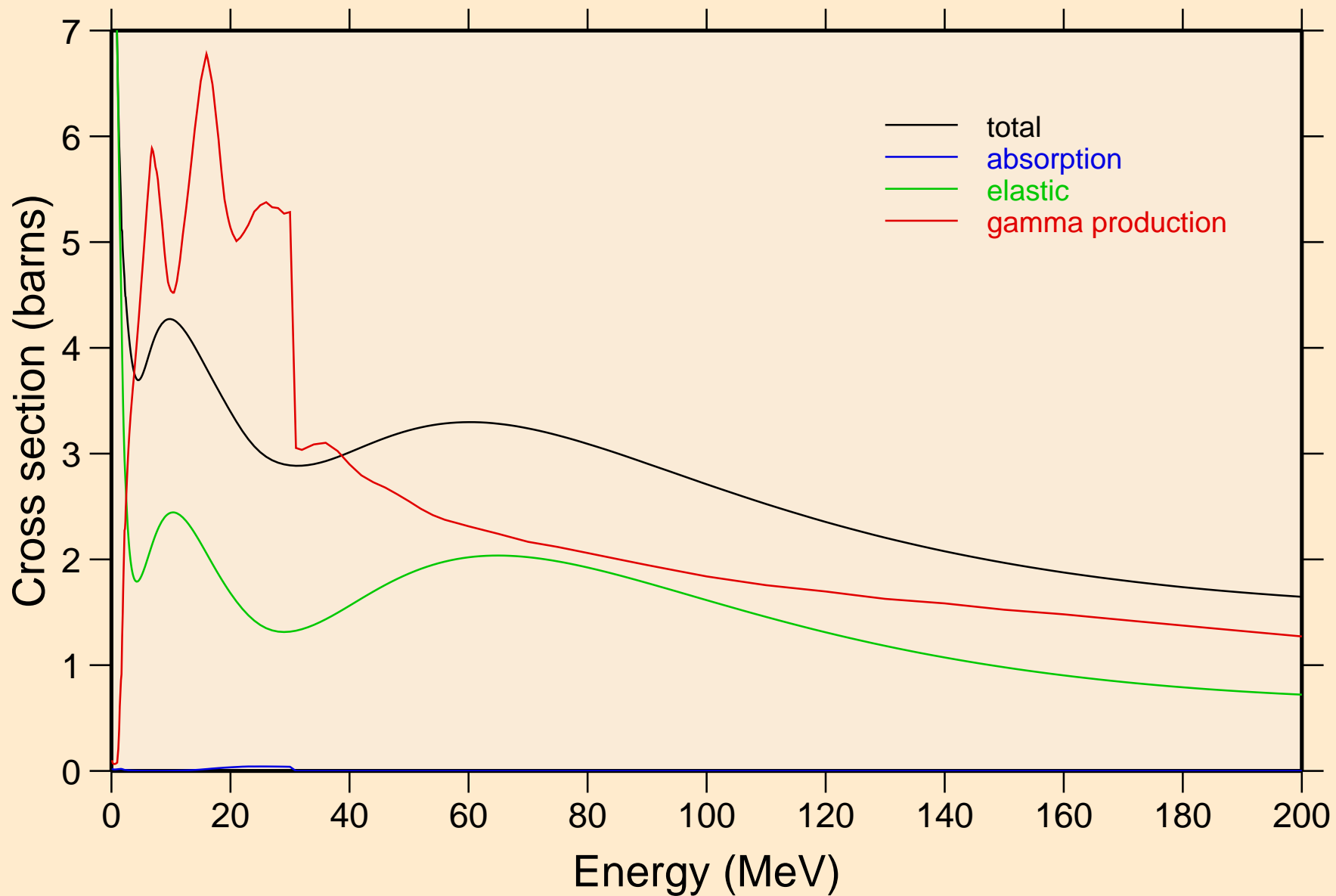


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

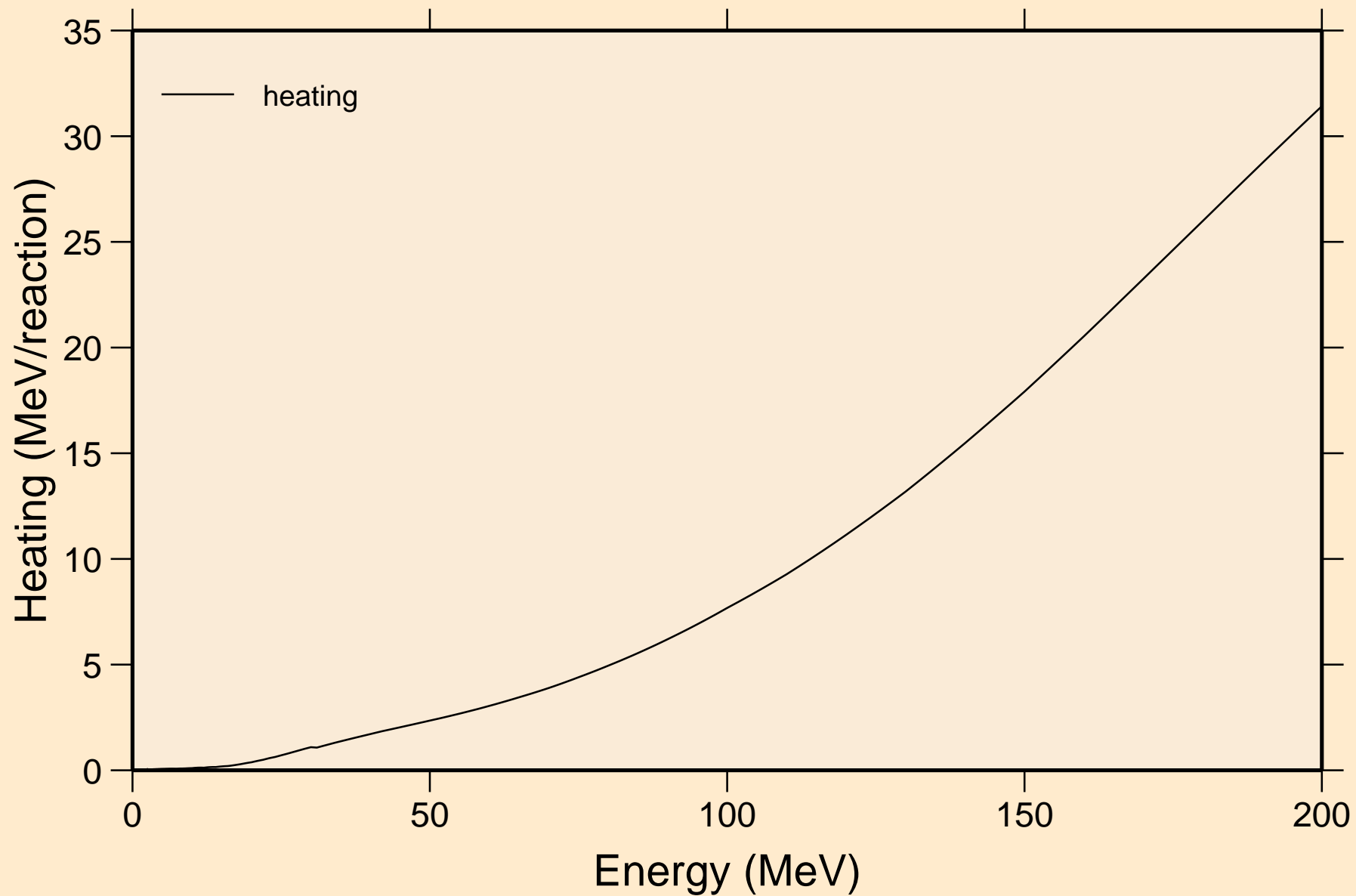


# ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

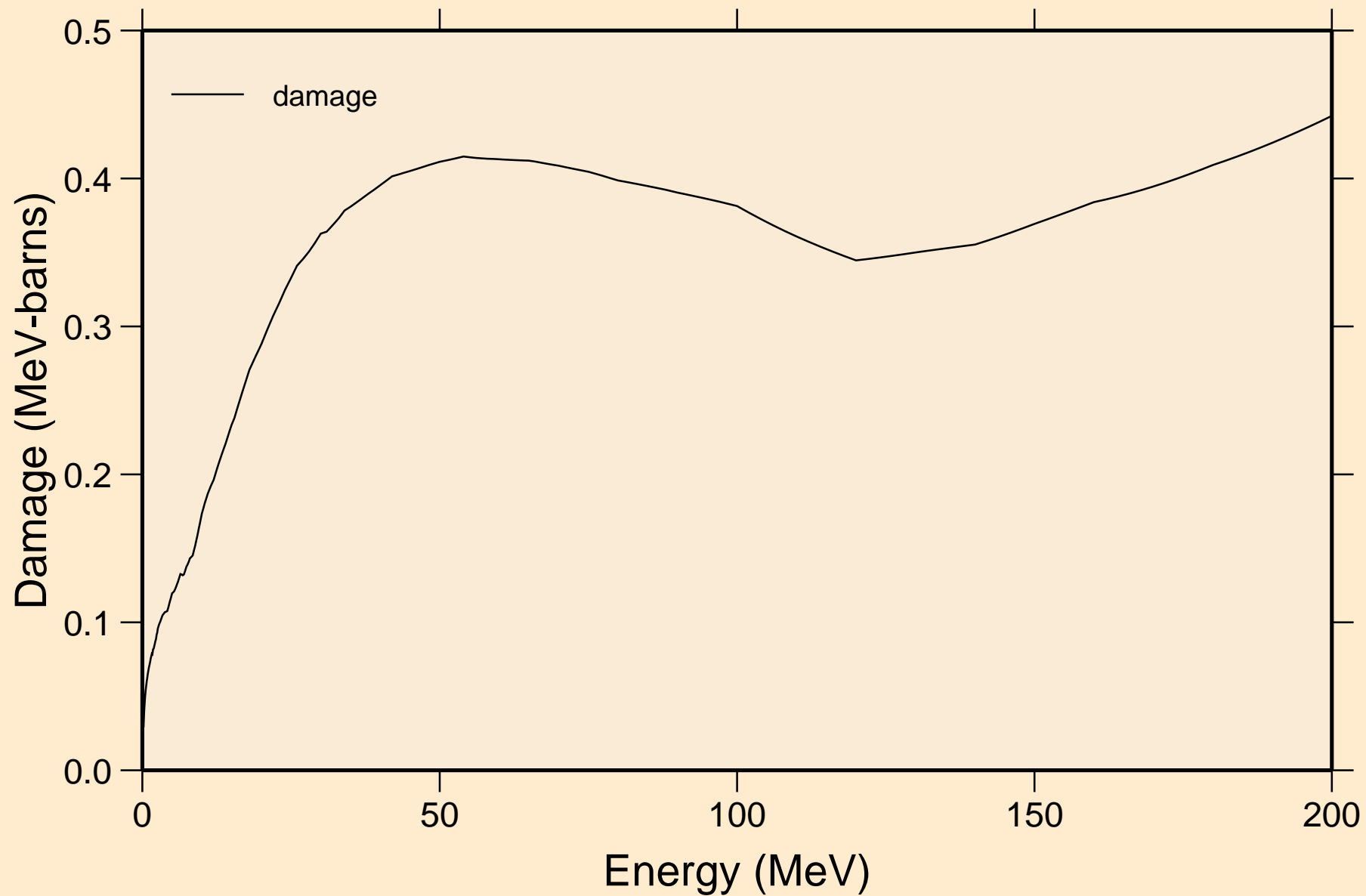
## Principal cross sections



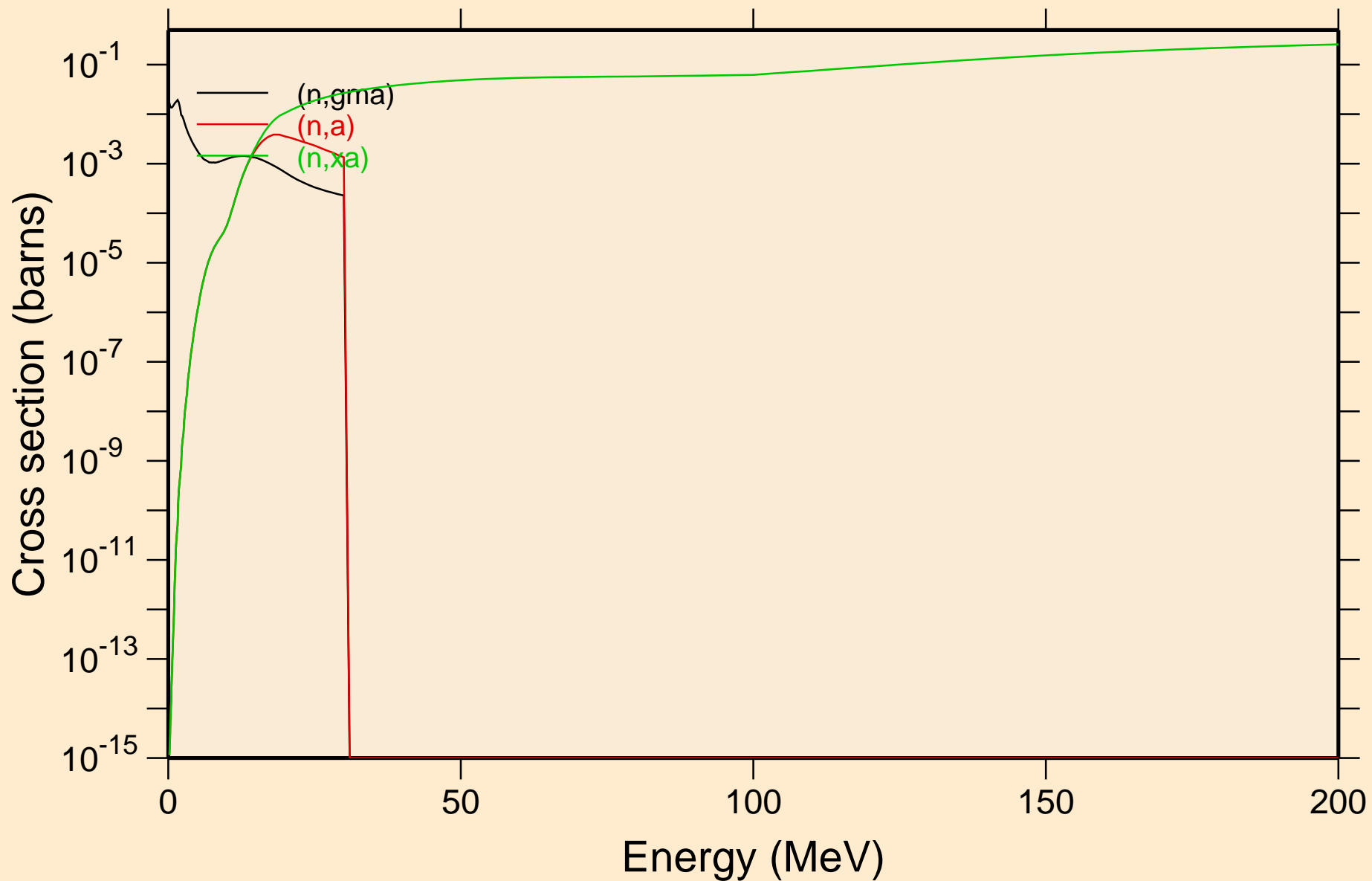
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



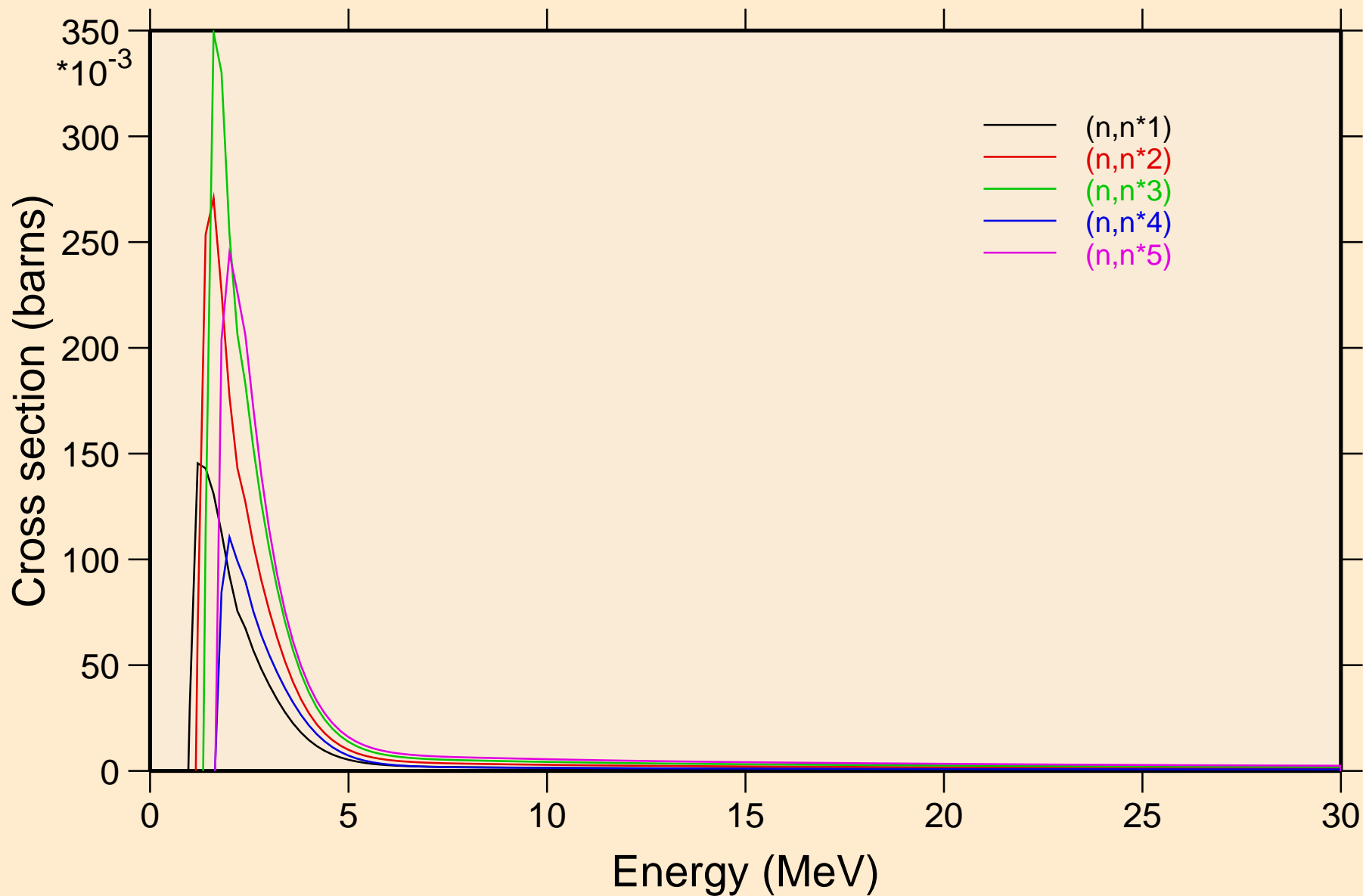
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Damage



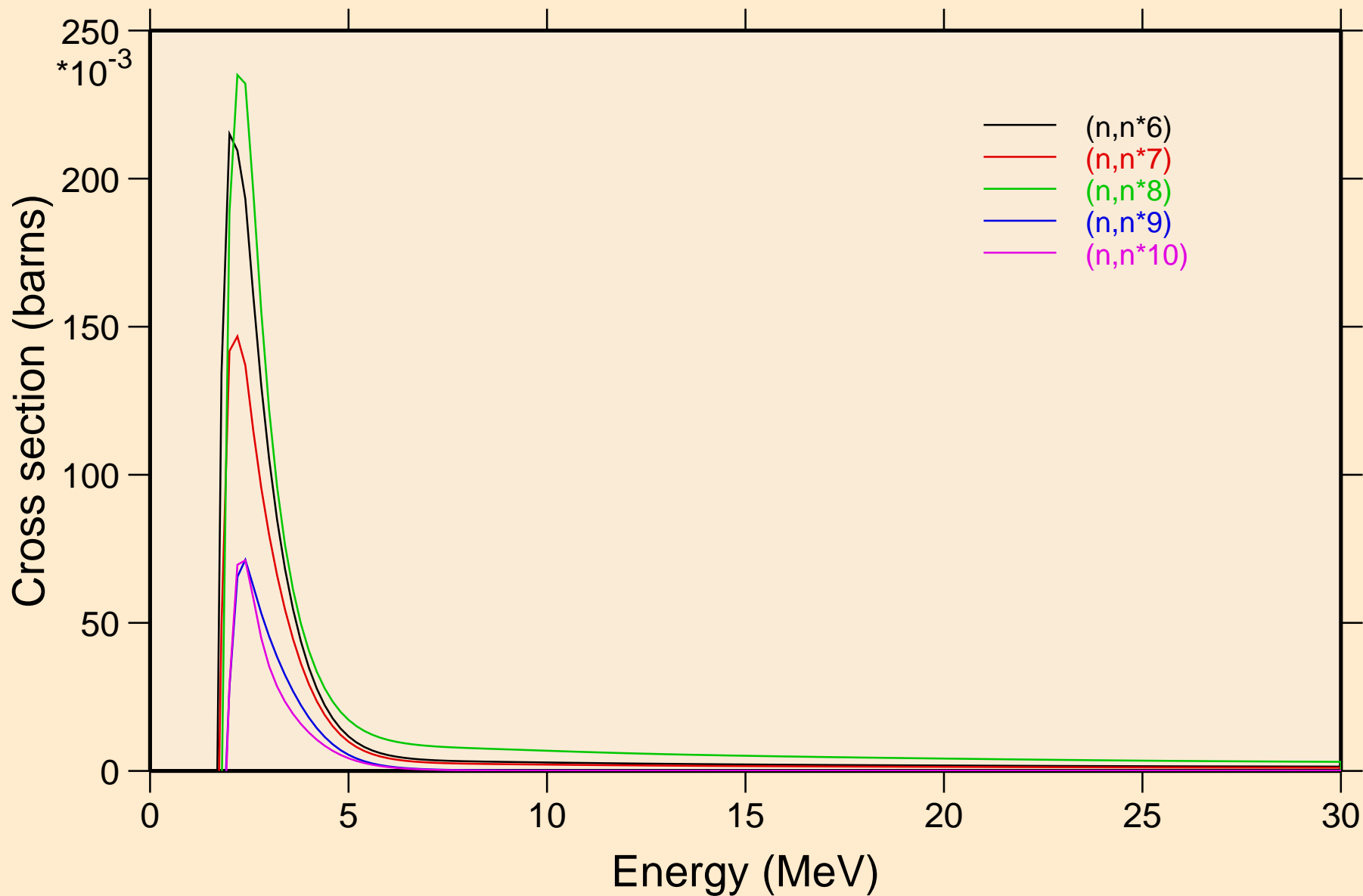
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

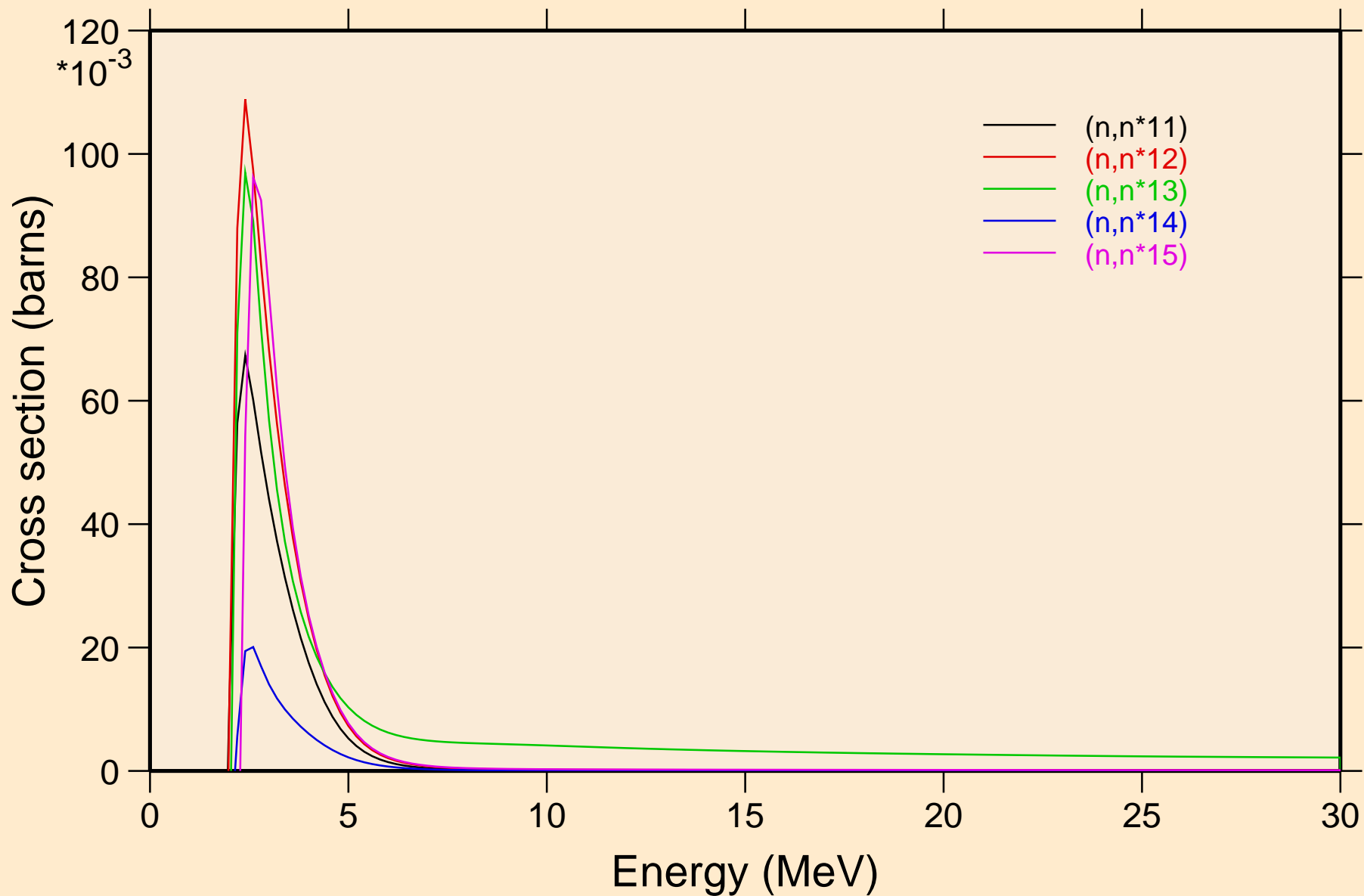


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

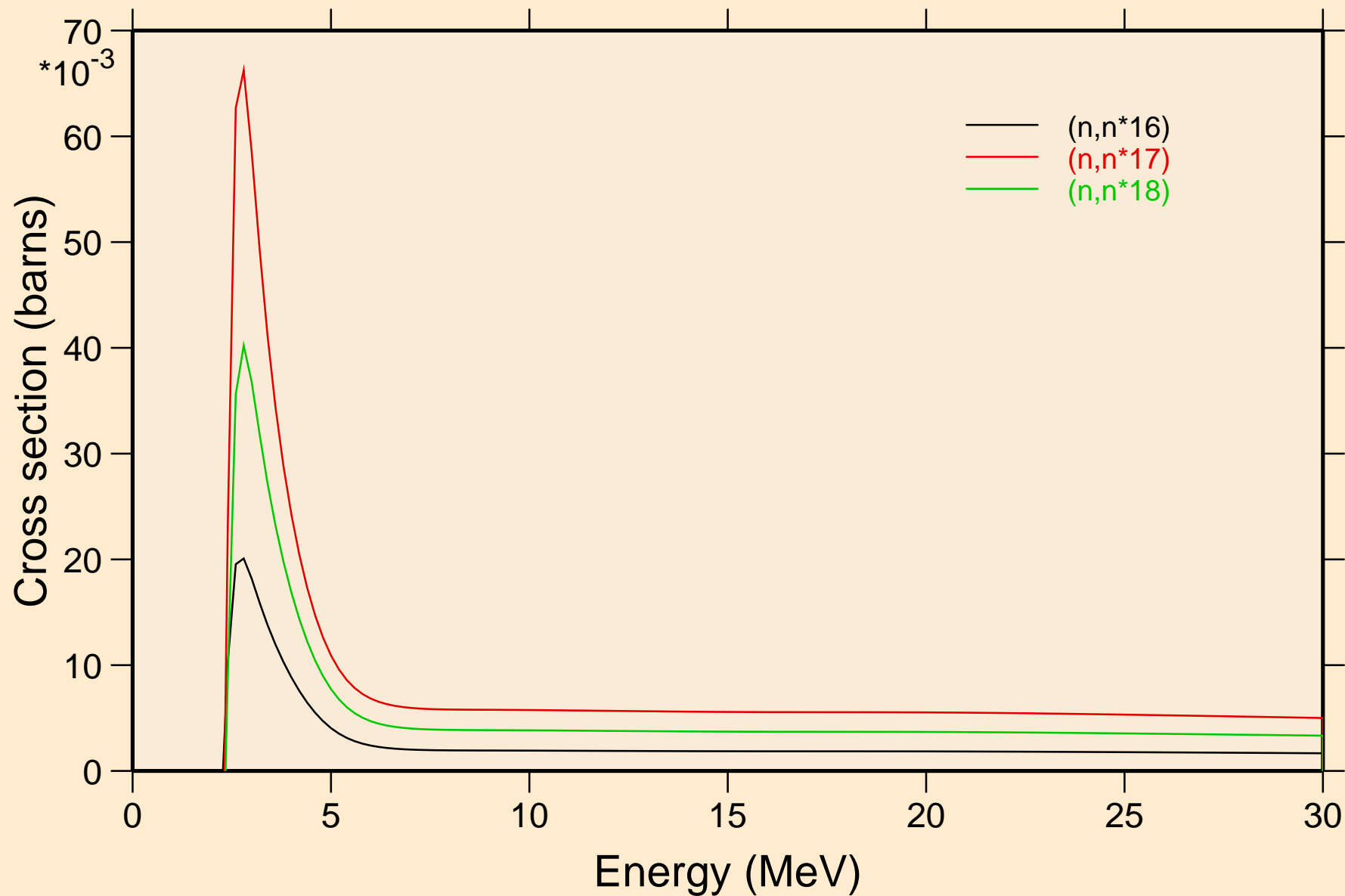




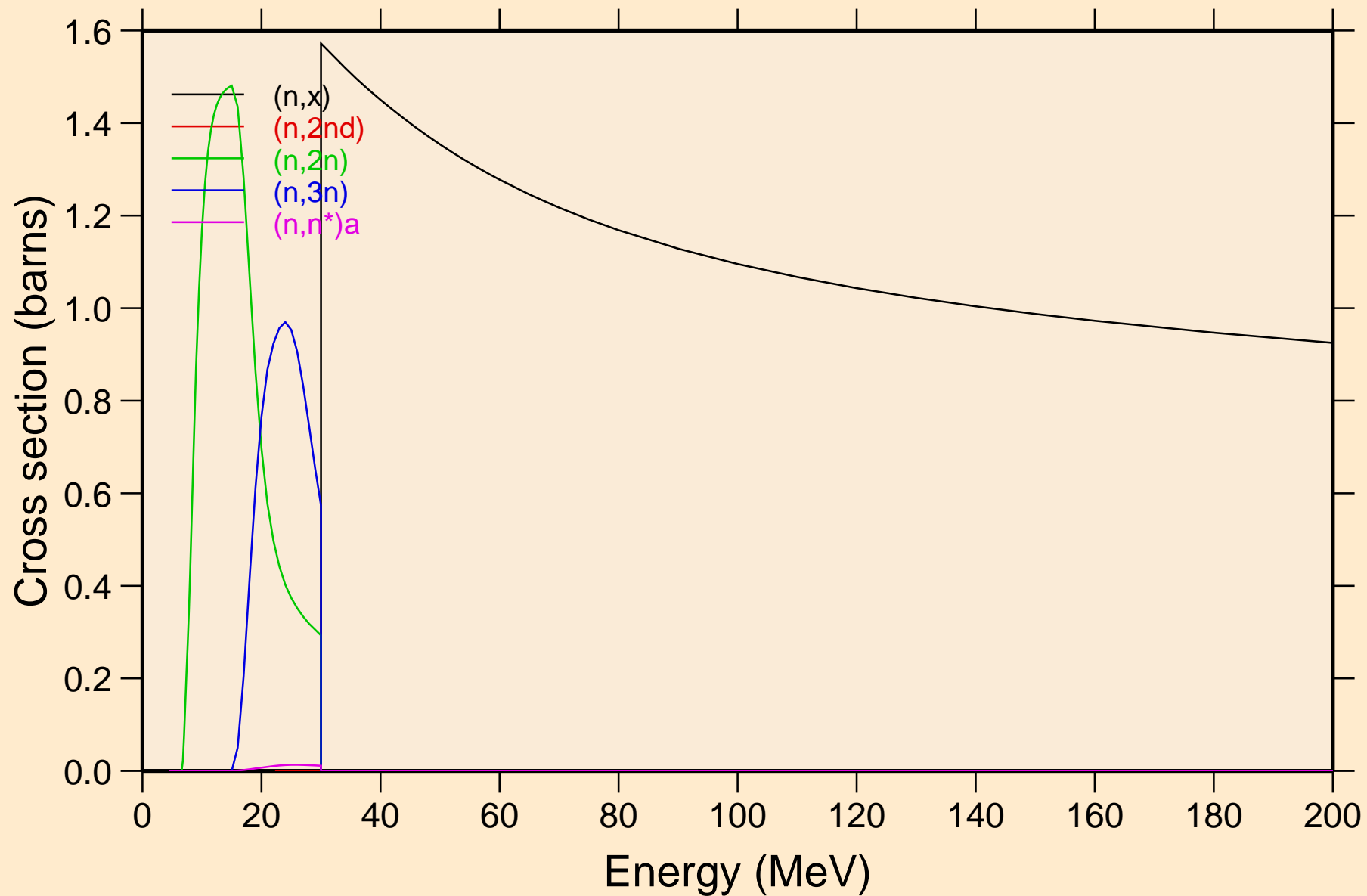
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



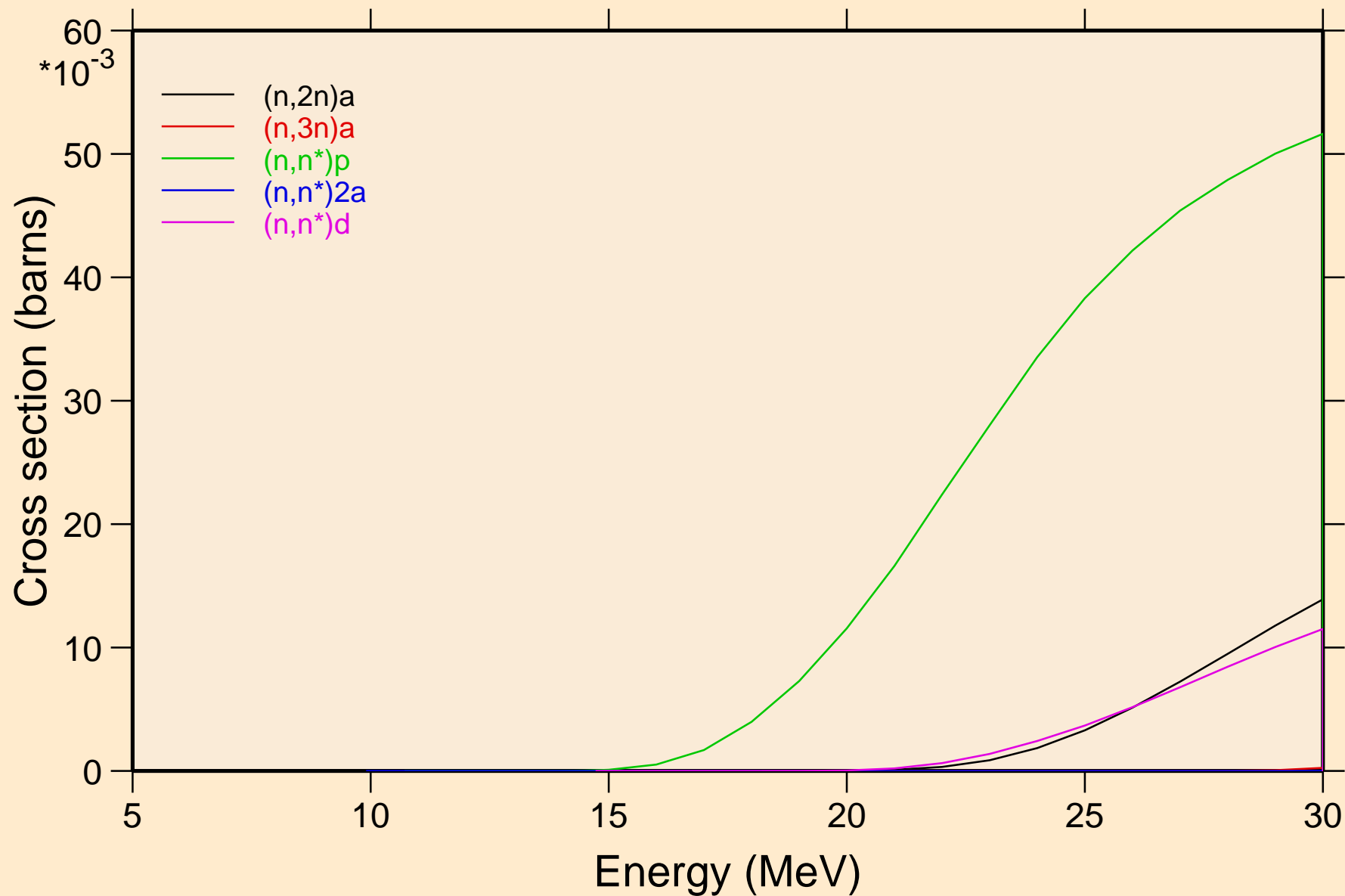
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



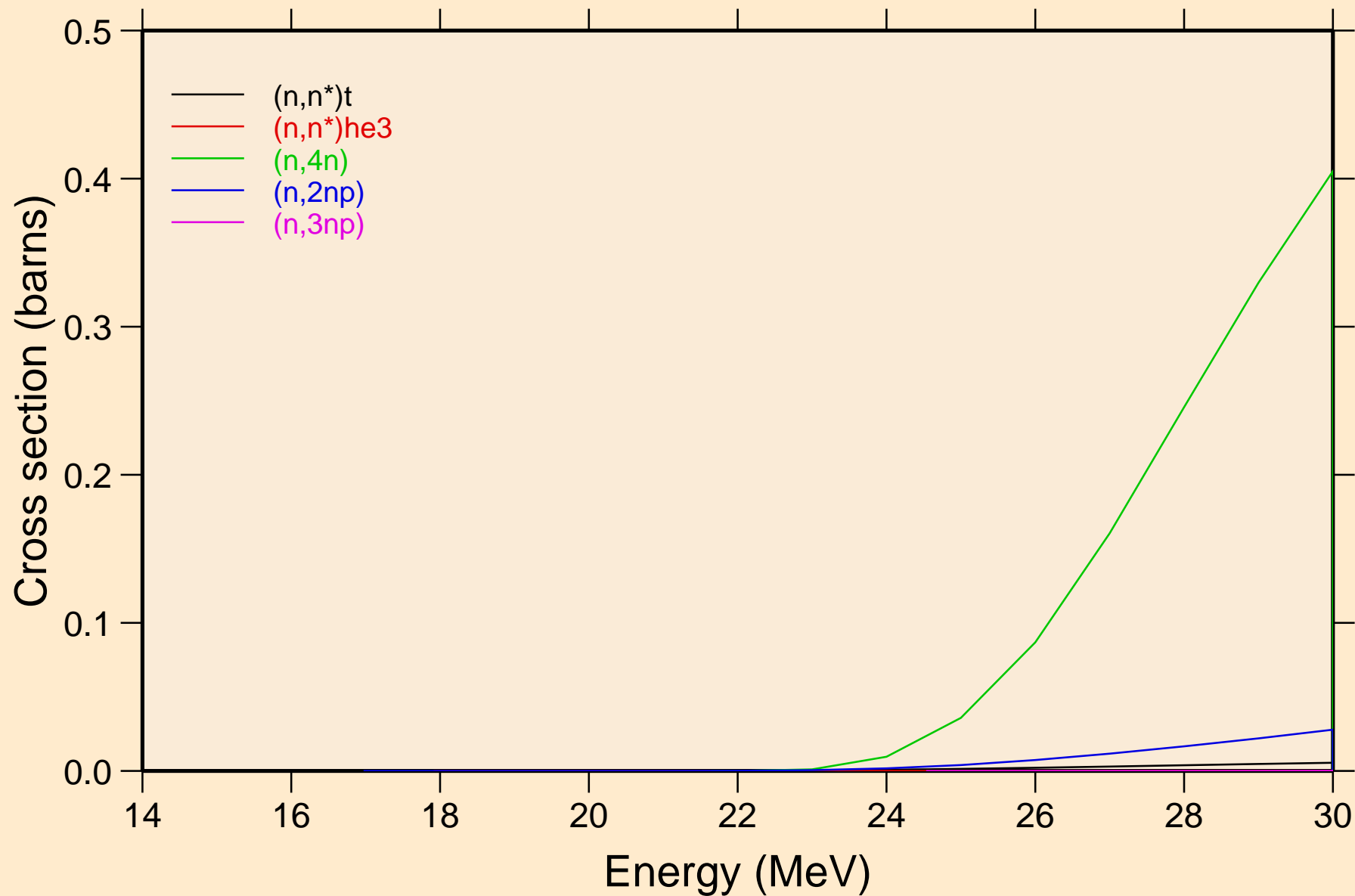
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

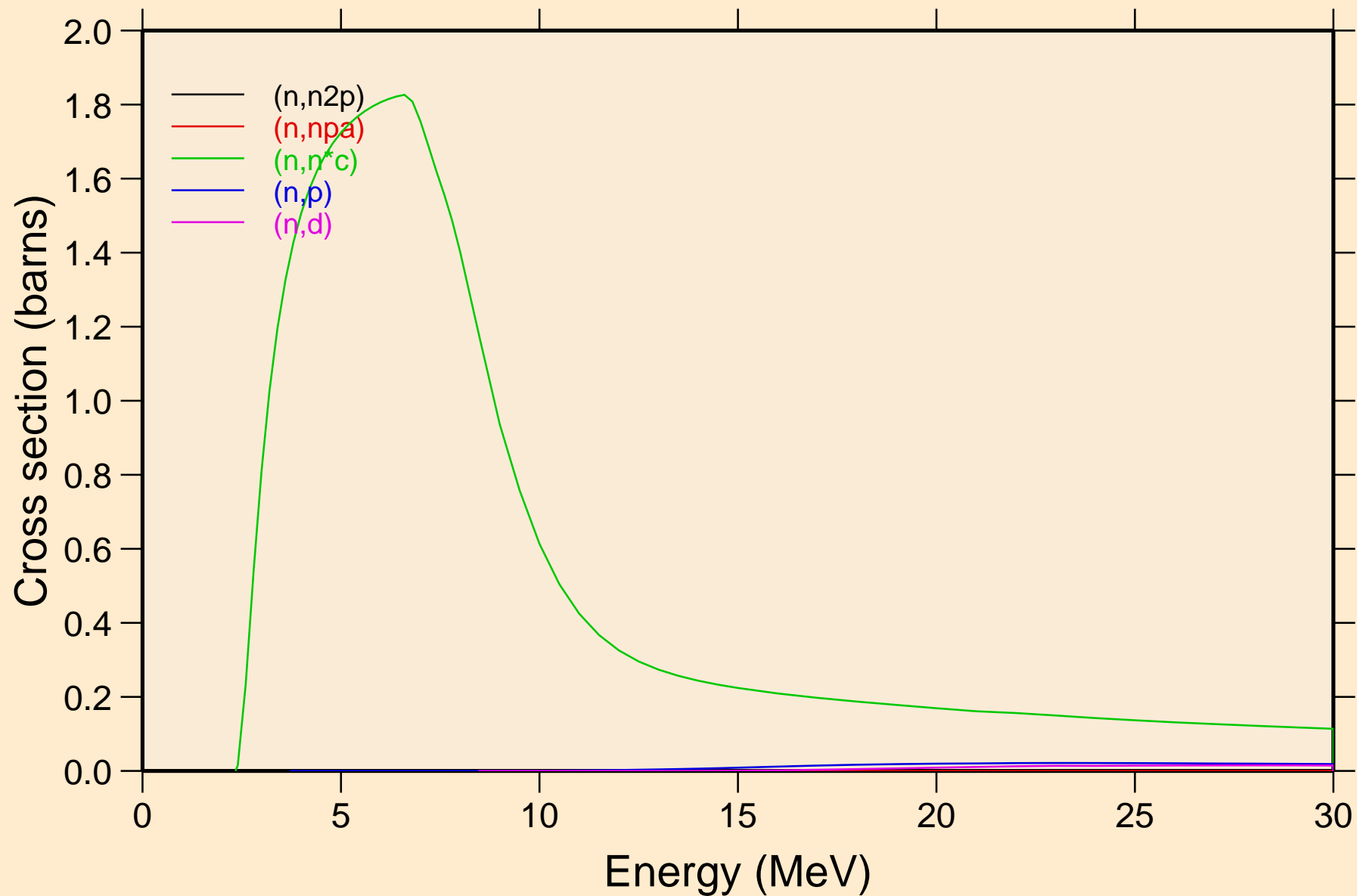


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

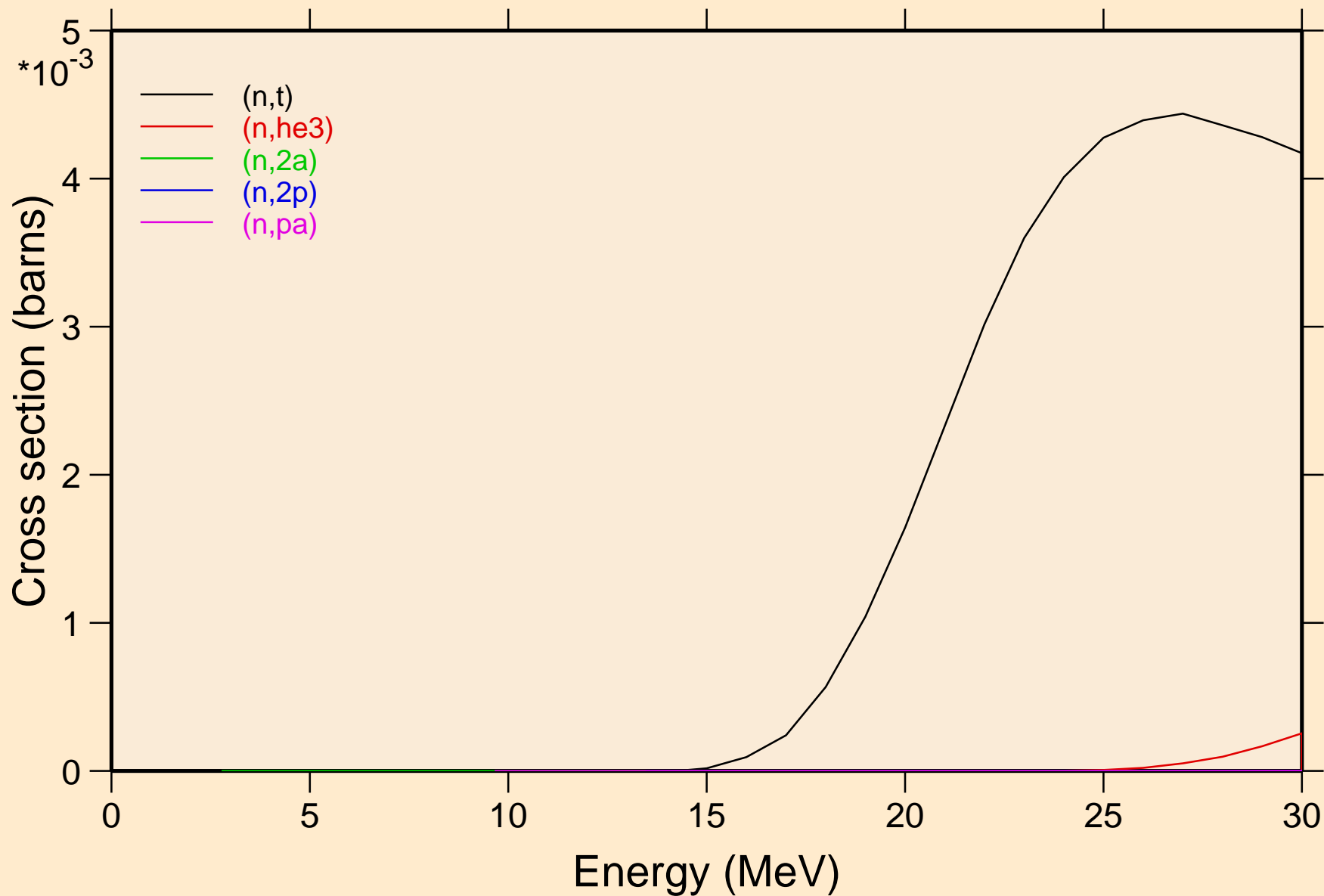


# ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

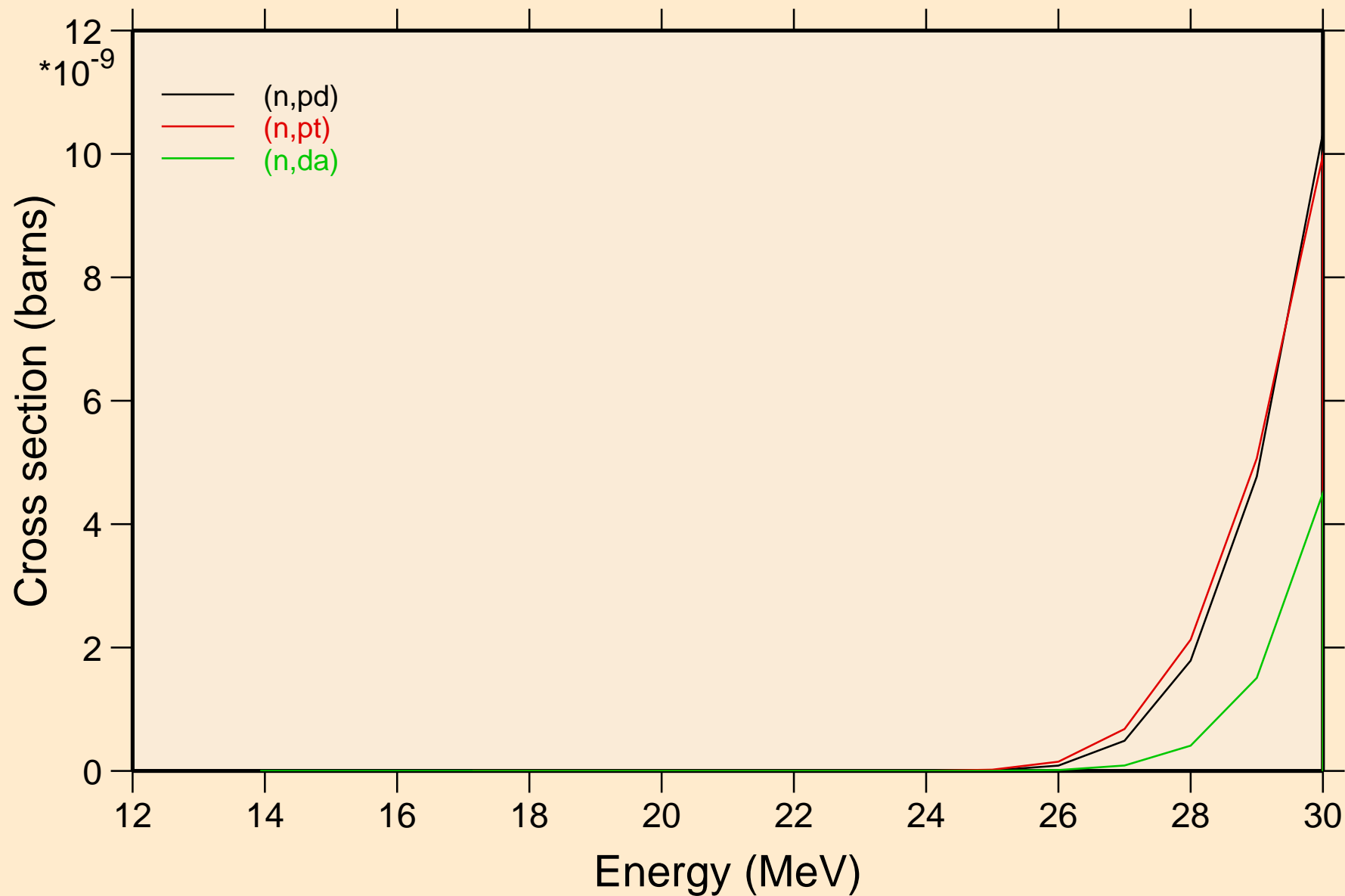
## Threshold reactions



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



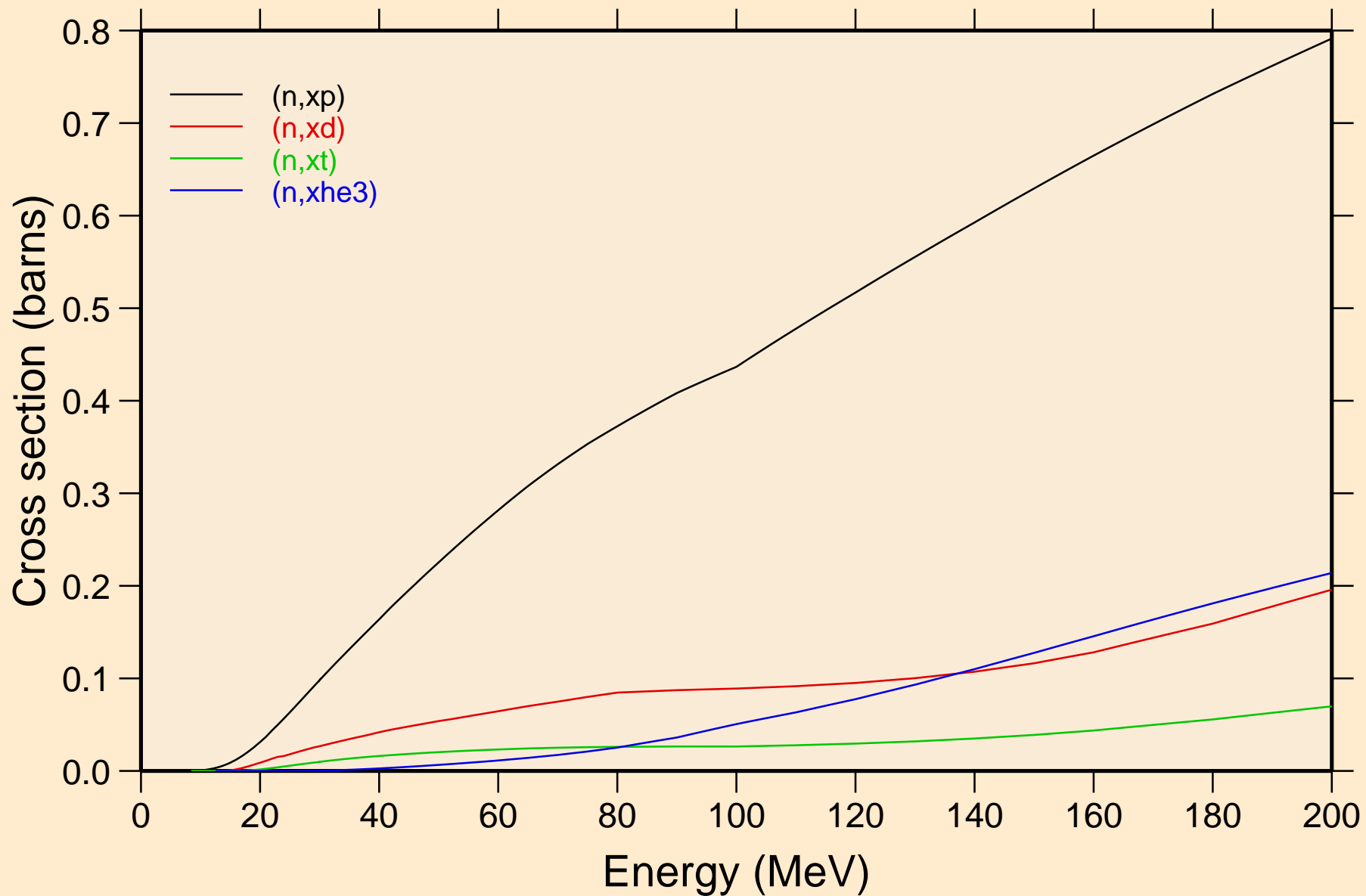
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Threshold reactions



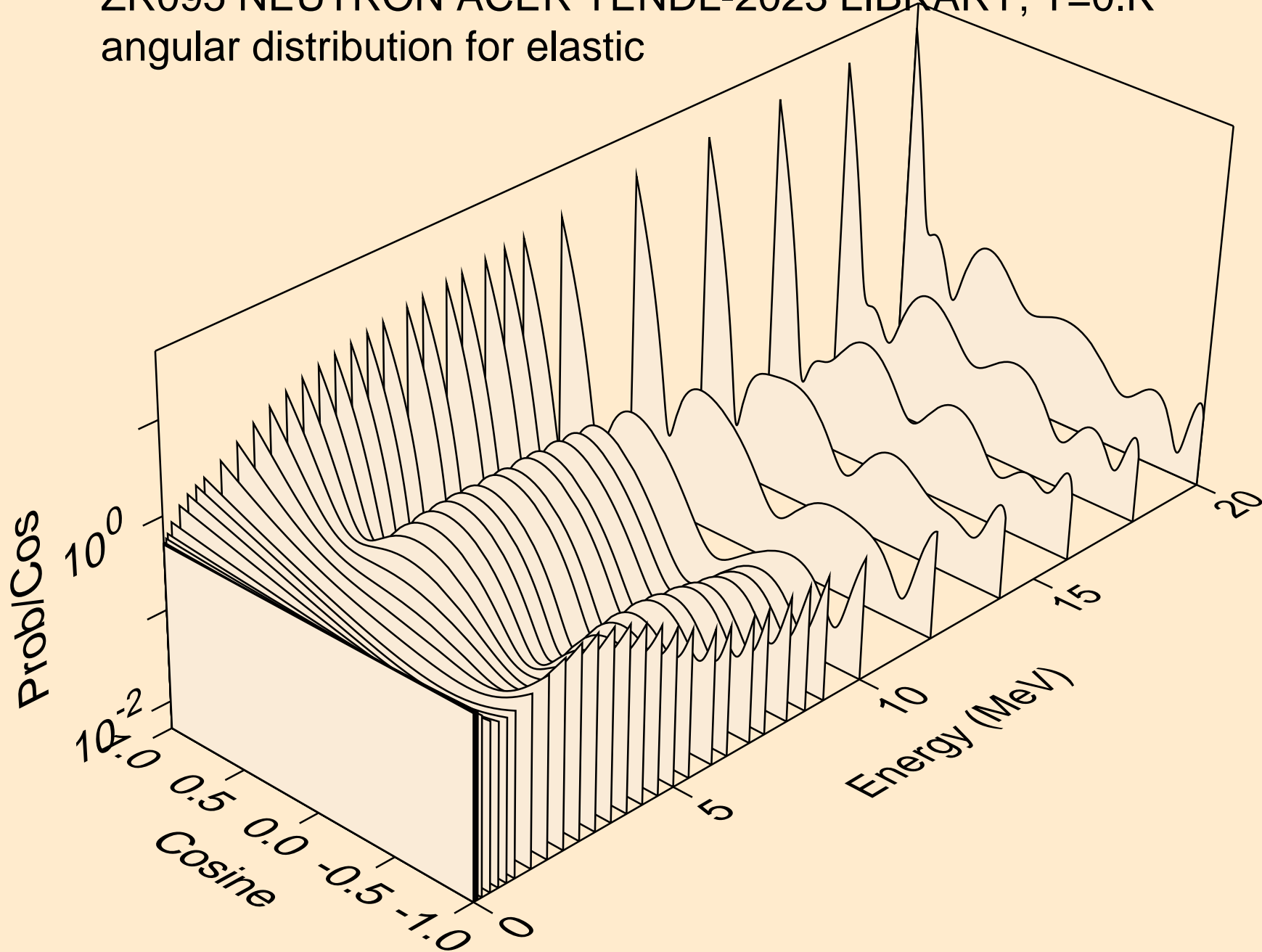


# ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

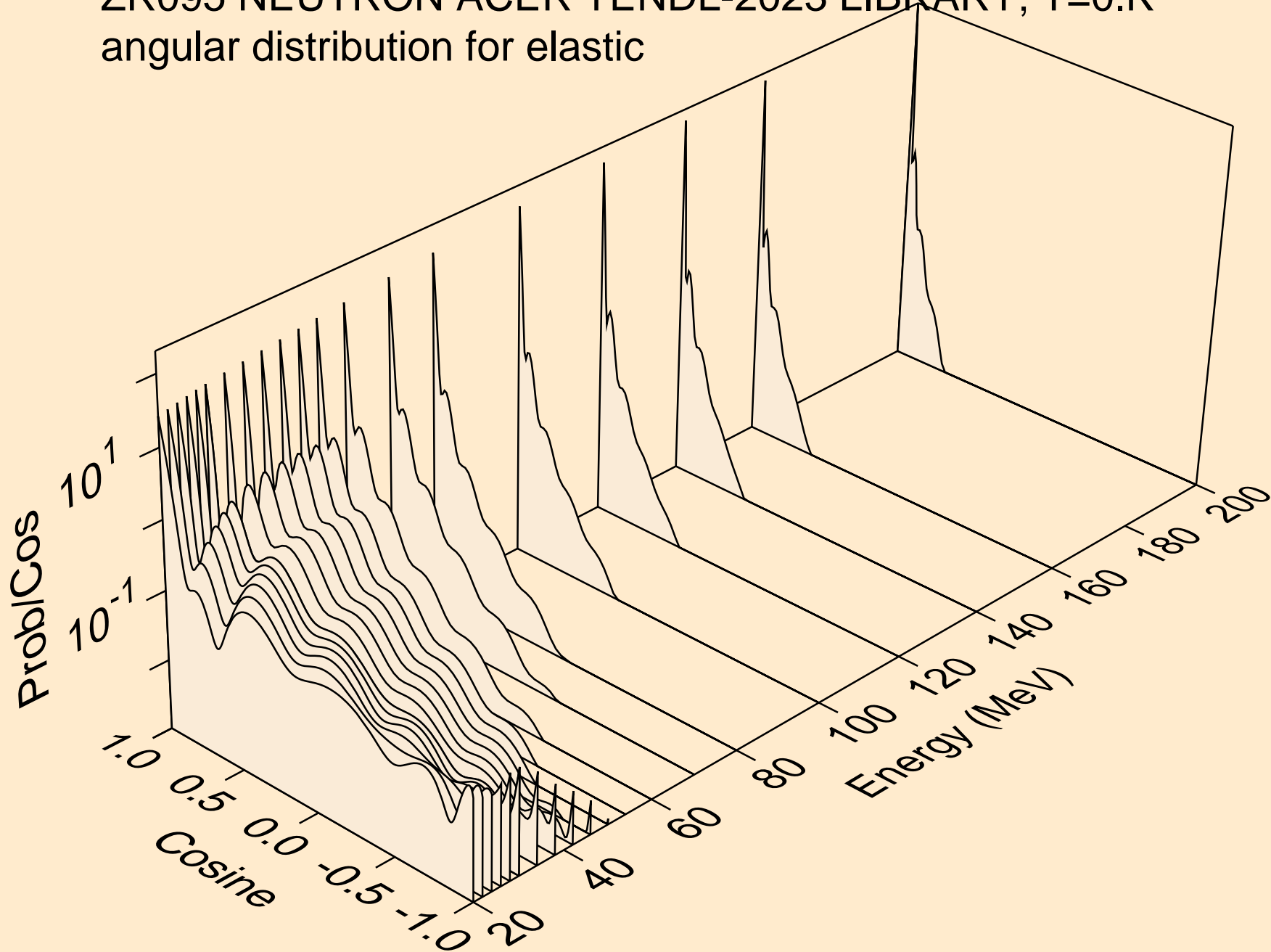
## Threshold reactions



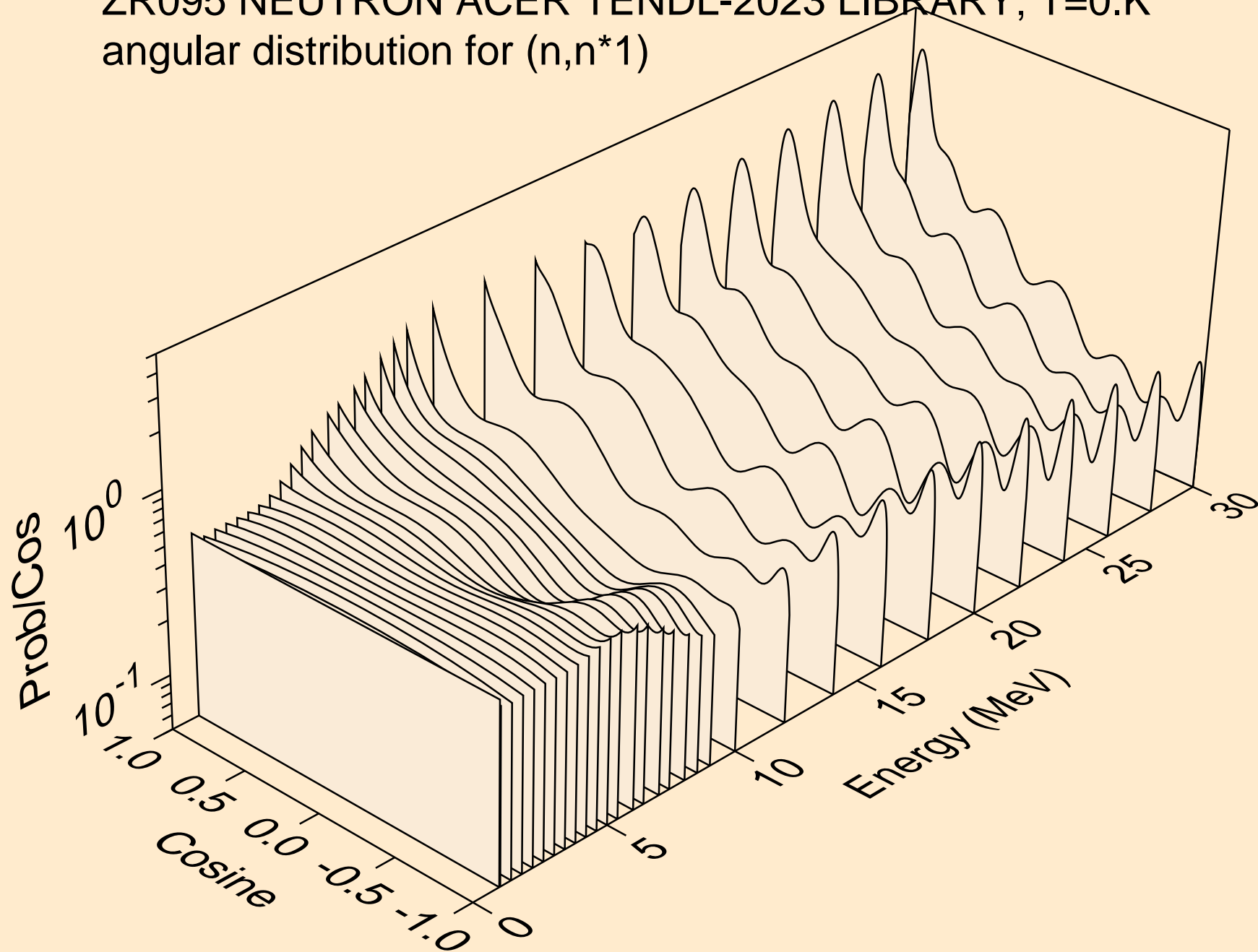
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angular distribution for elastic



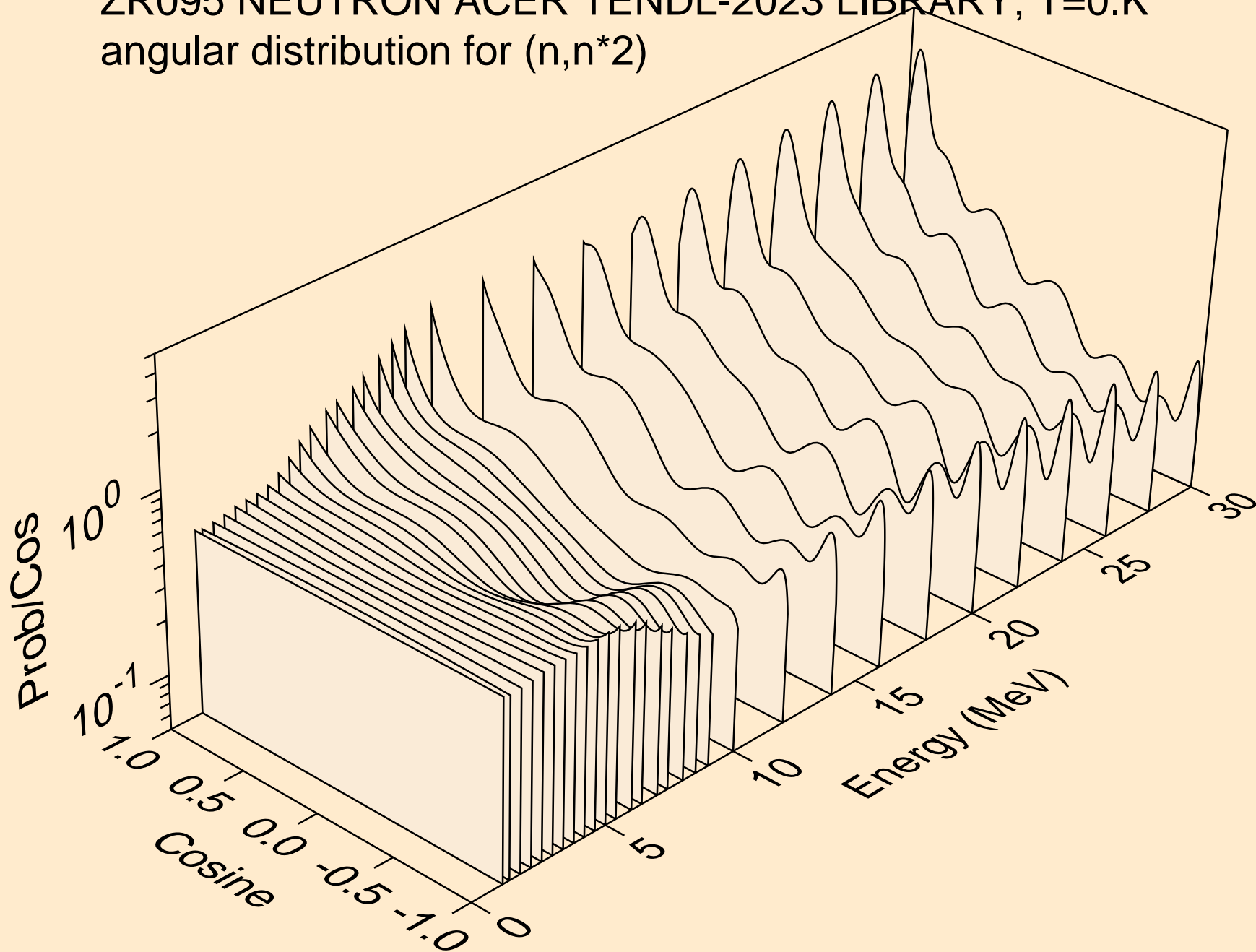
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angular distribution for elastic



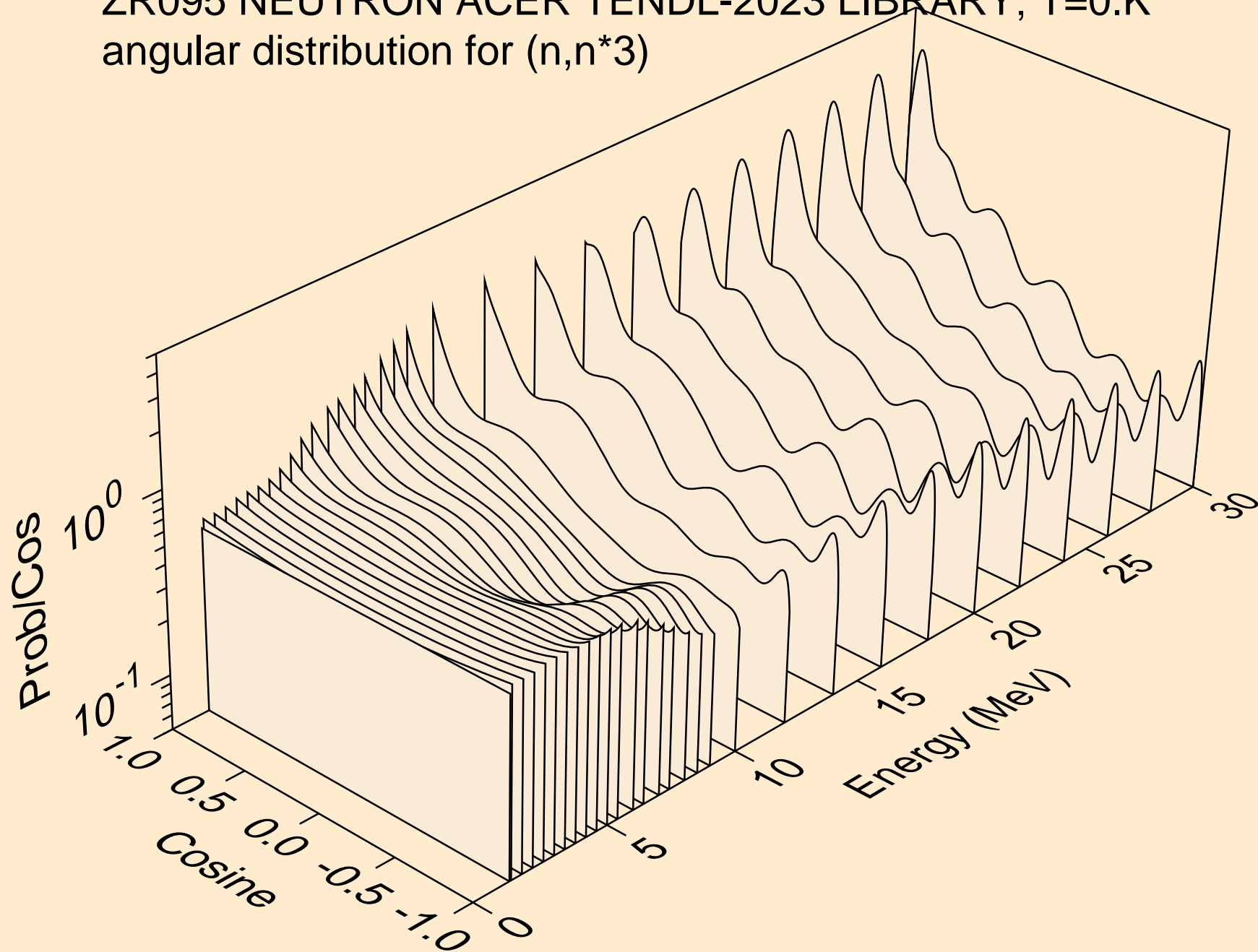
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



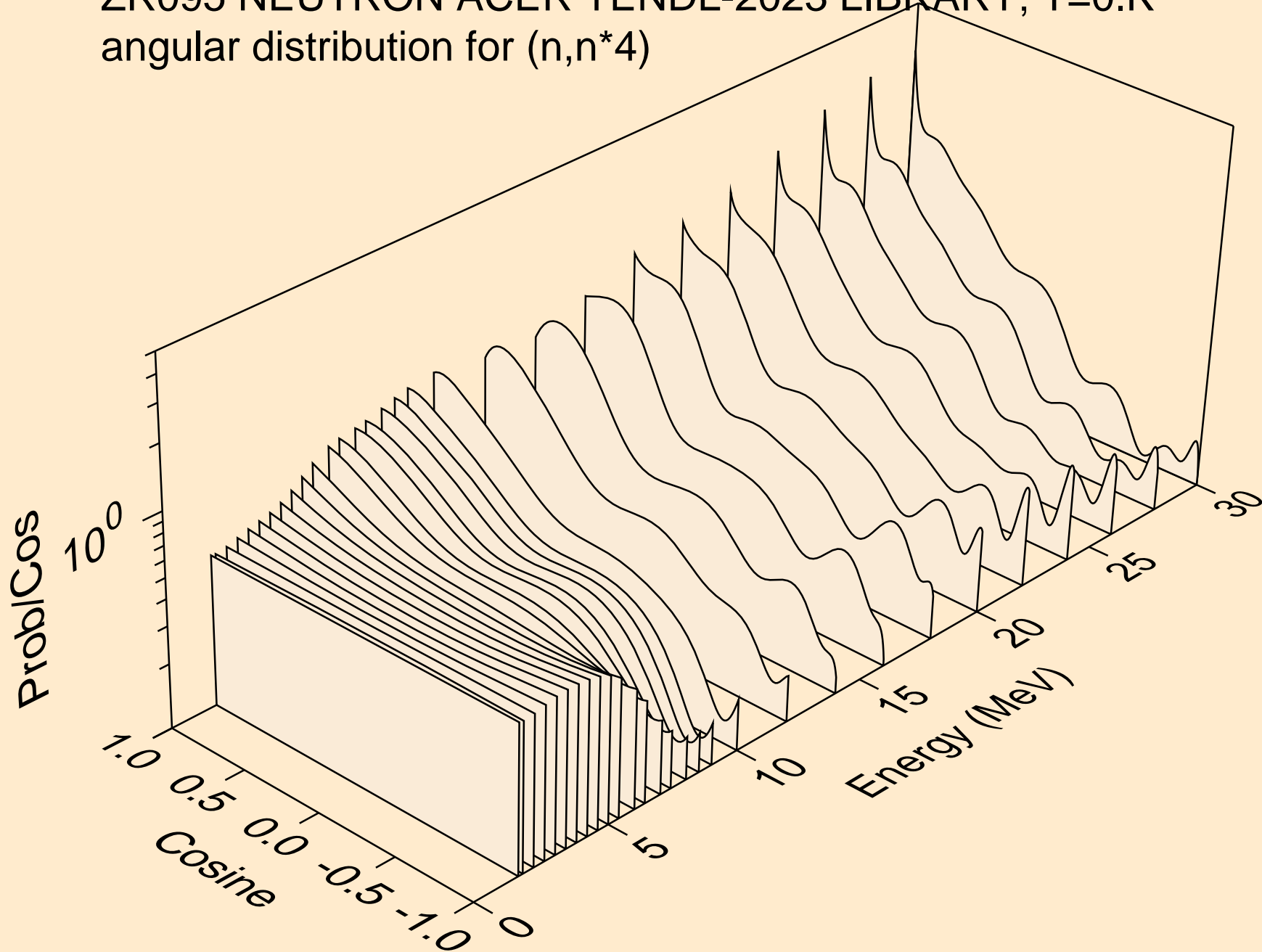
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angular distribution for (n,n\*2)



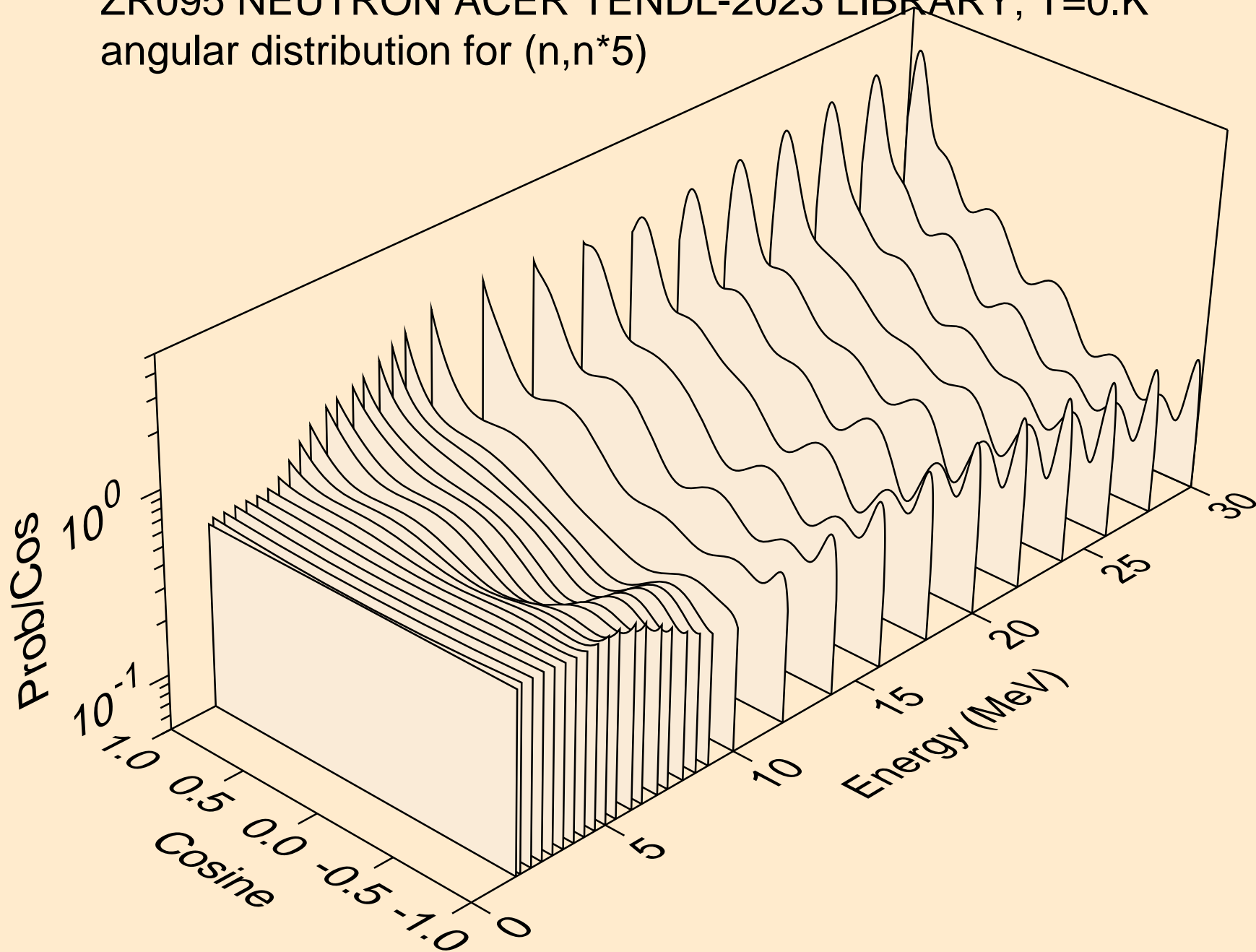
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

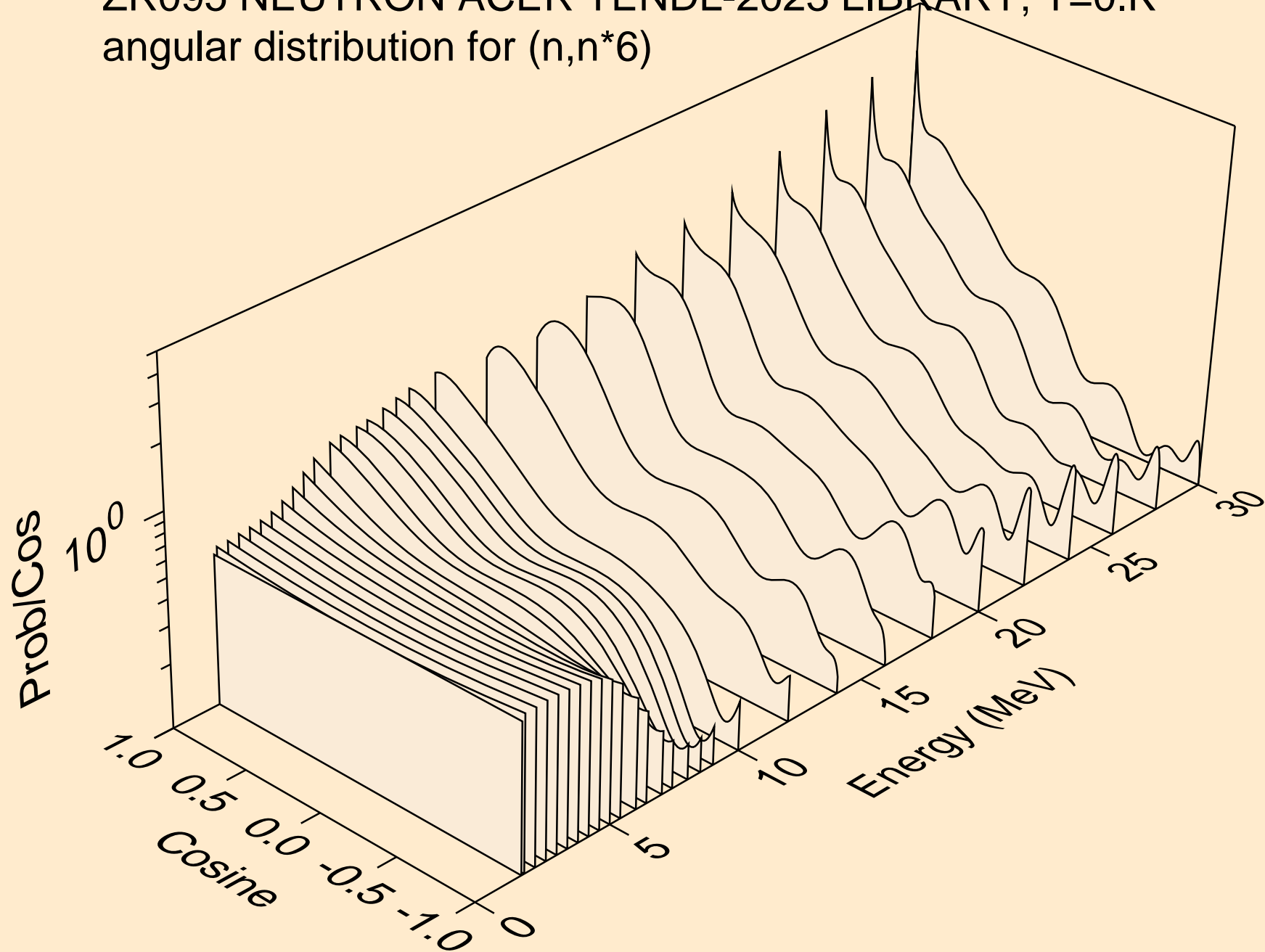


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

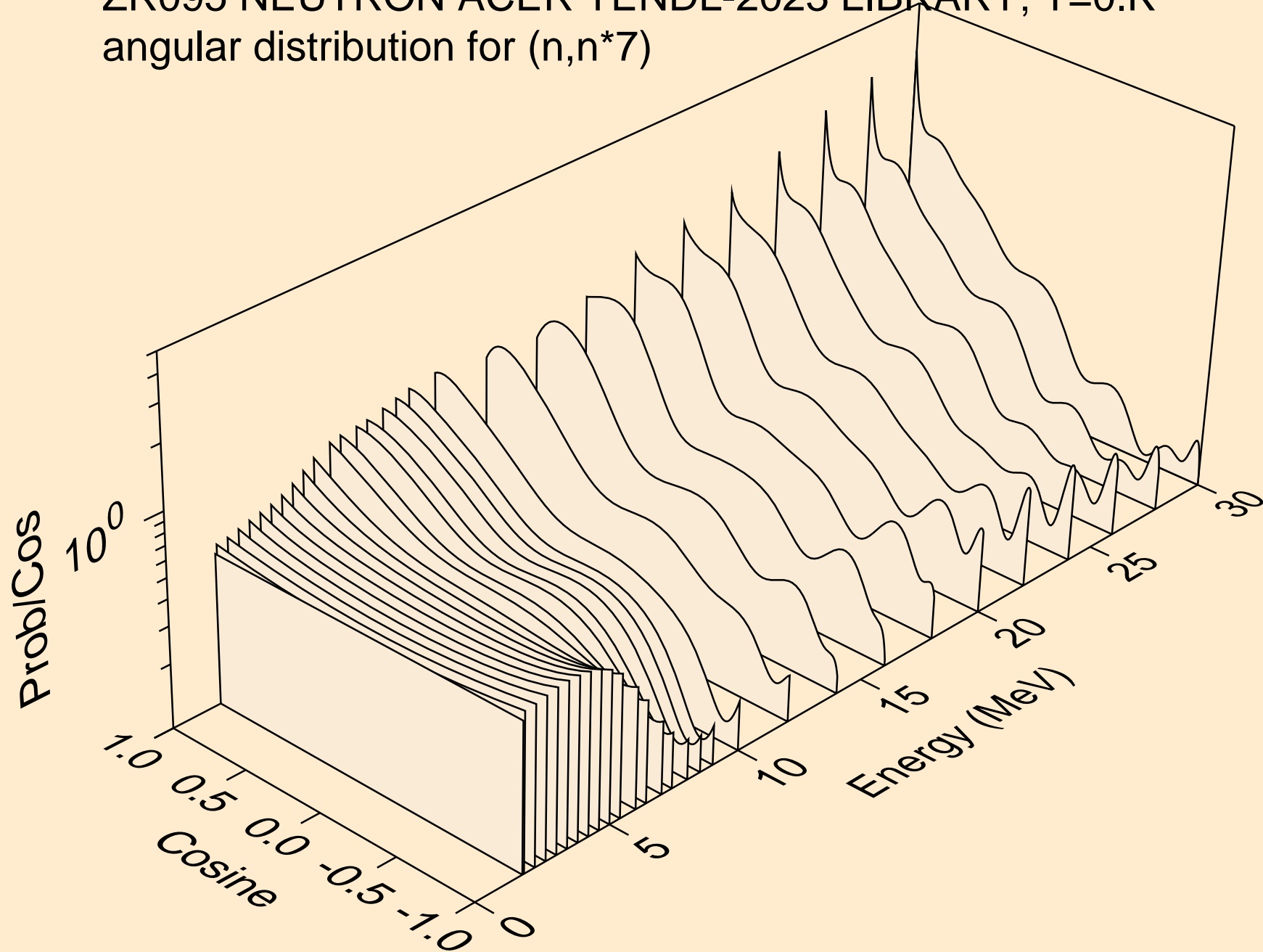




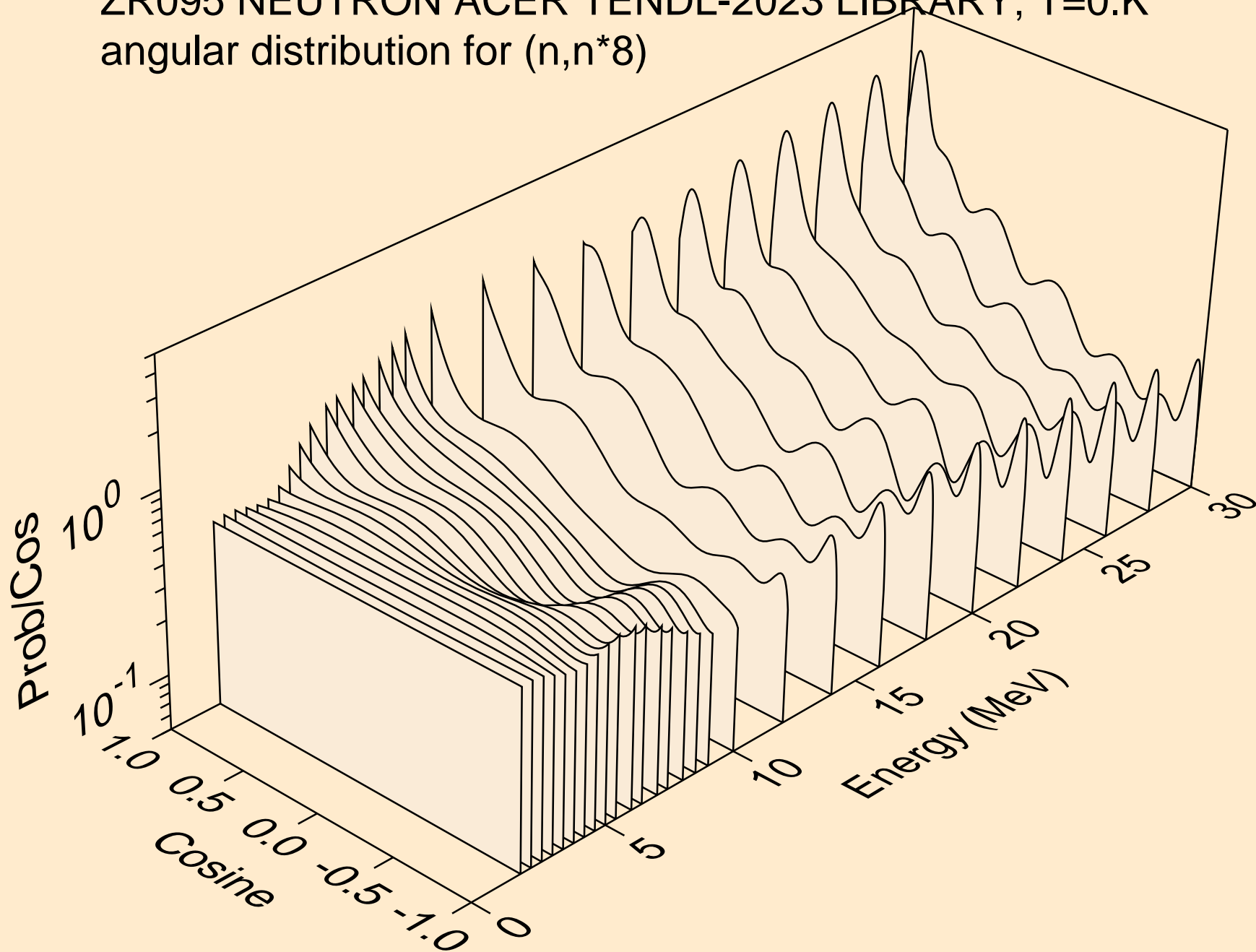
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angular distribution for (n,n\*6)



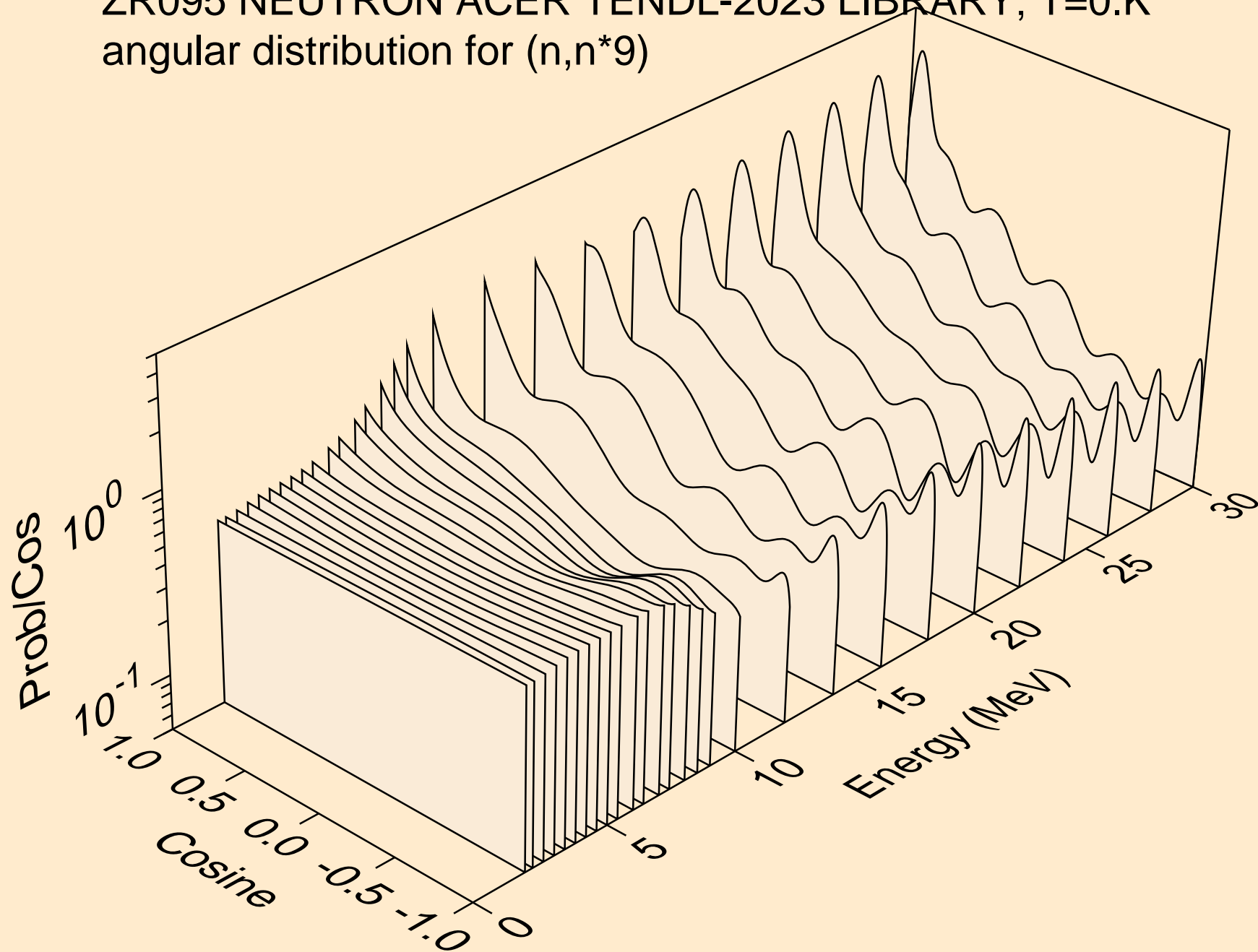
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angular distribution for (n,n\*7)



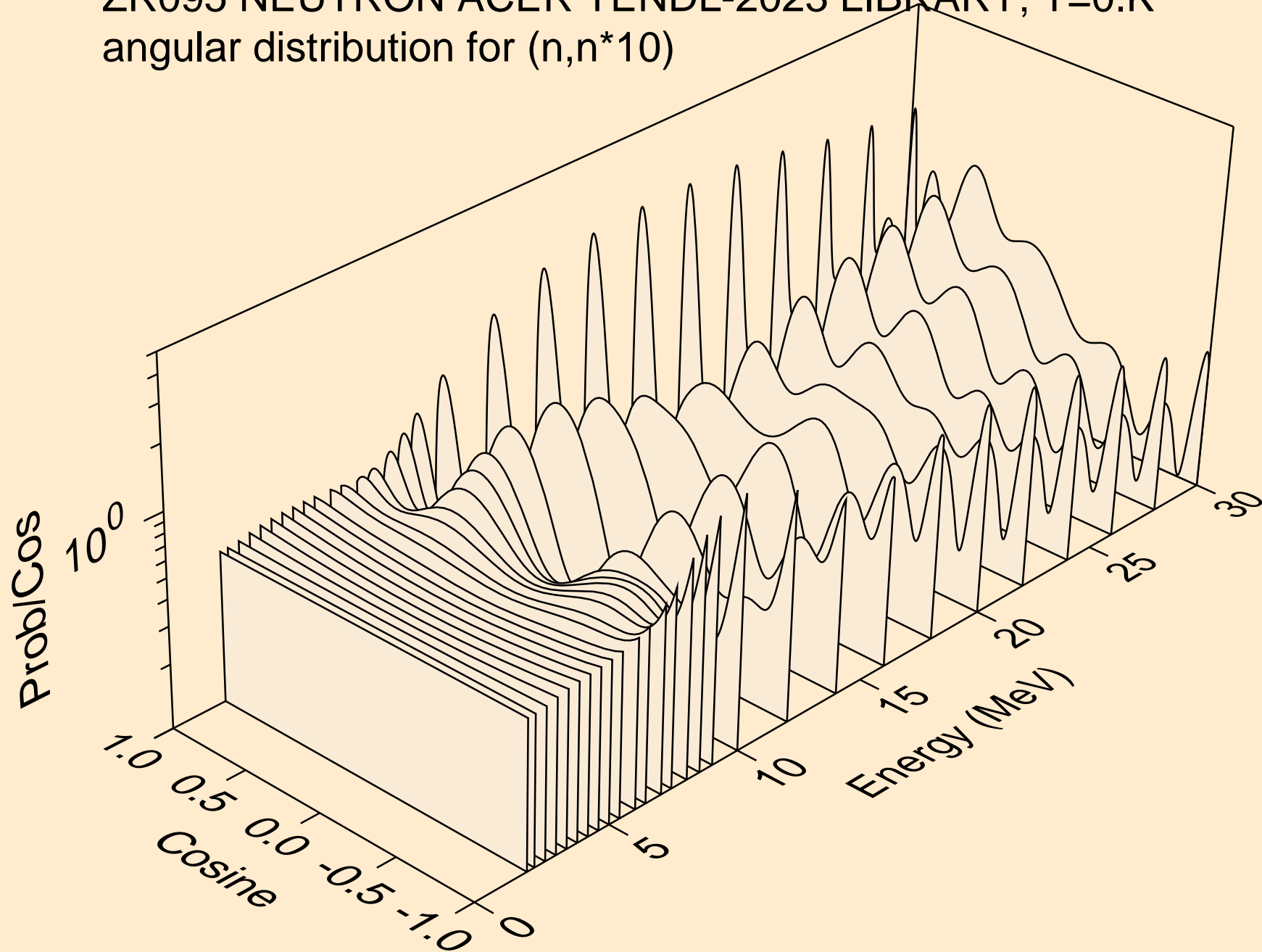
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angular distribution for (n,n\*8)



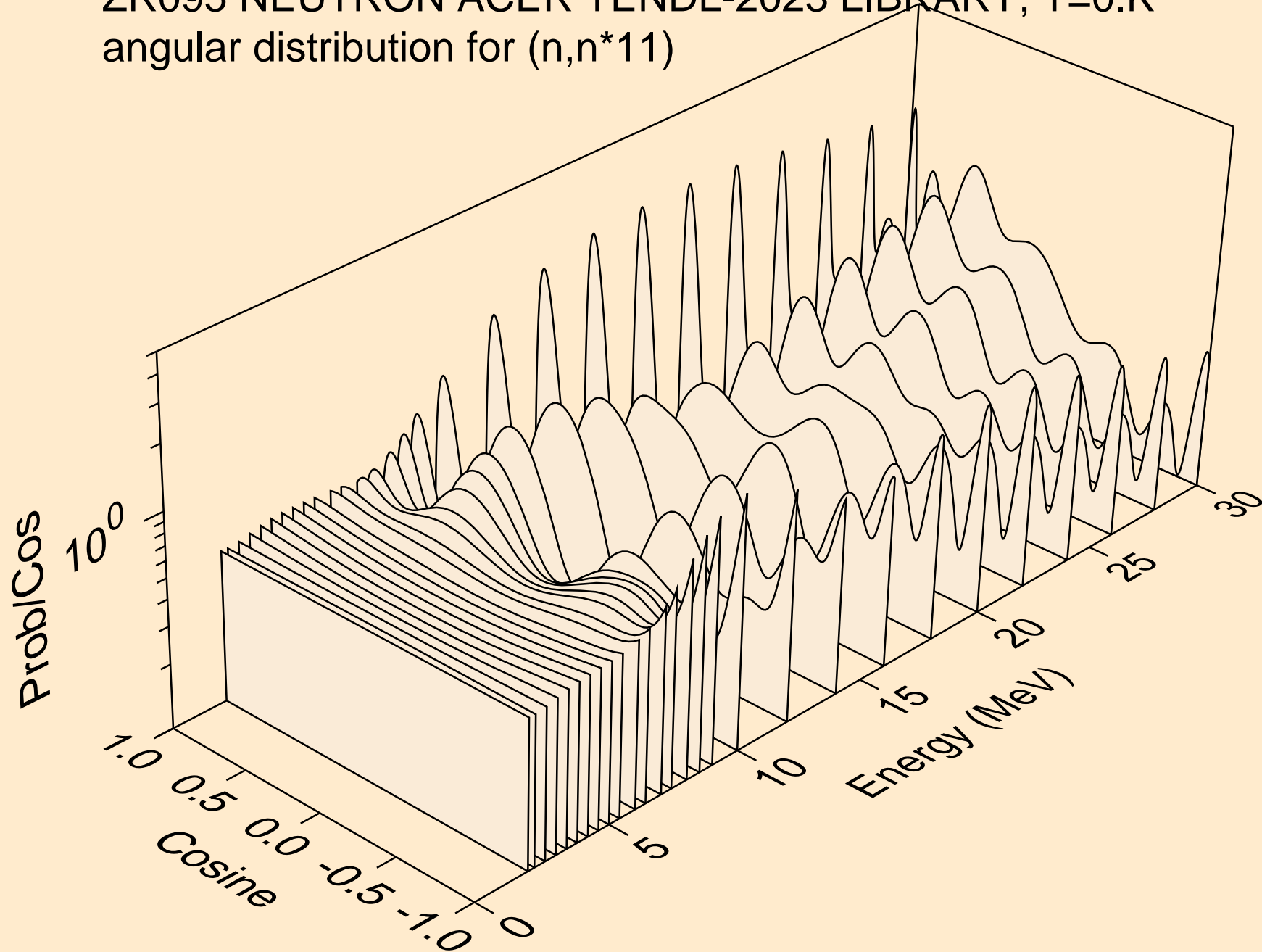
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angular distribution for (n,n\*9)



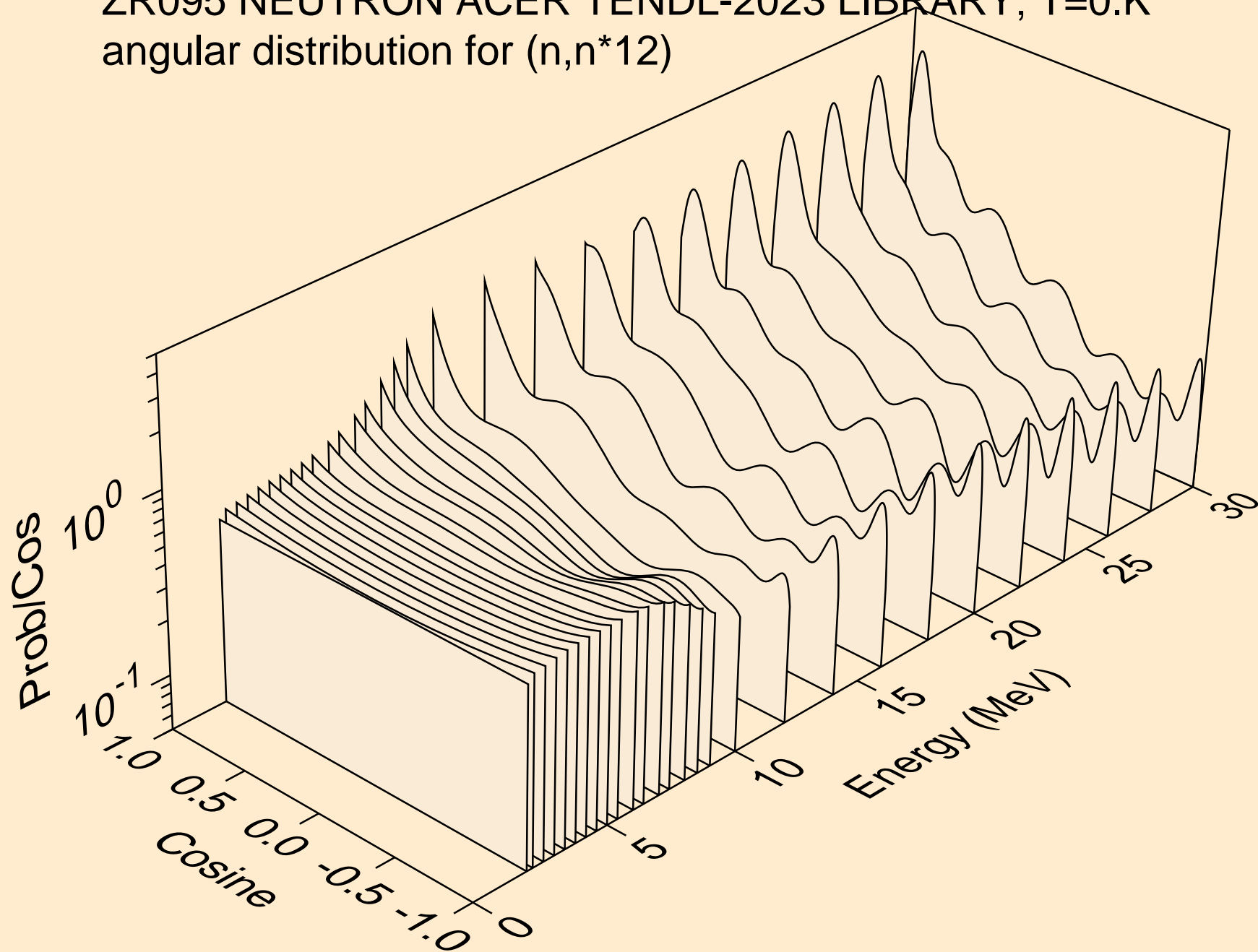
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angular distribution for (n,n\*10)



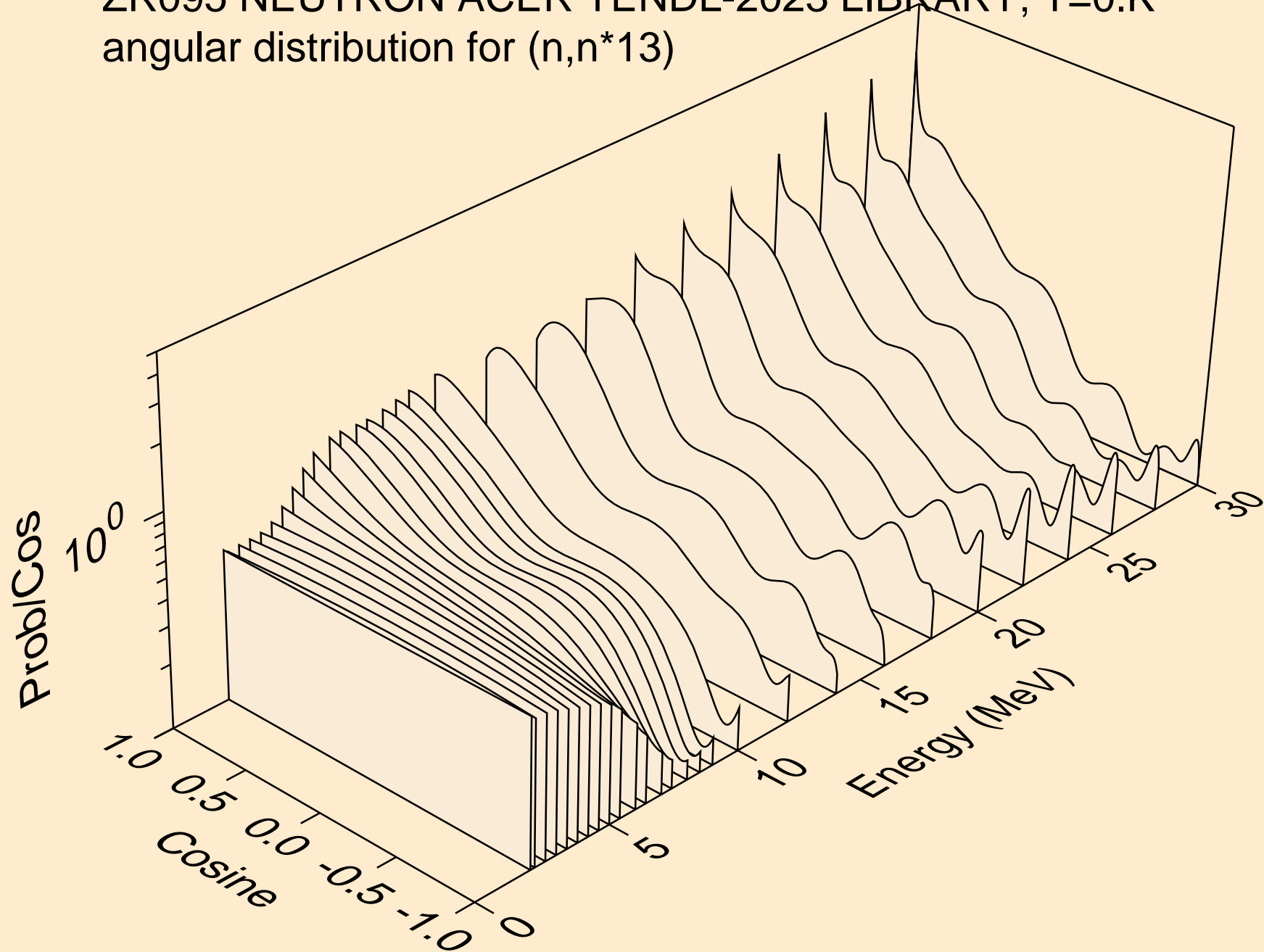
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

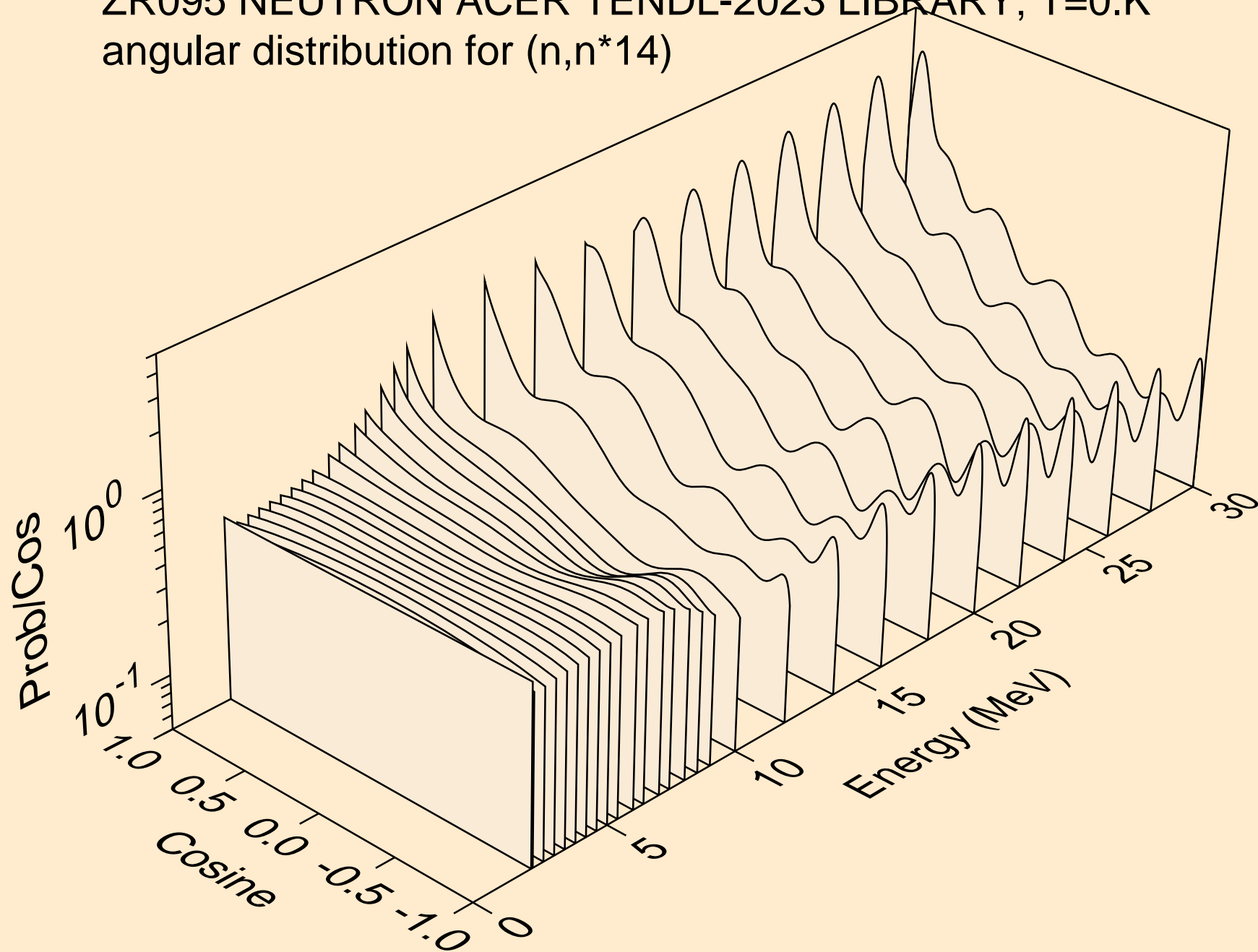


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

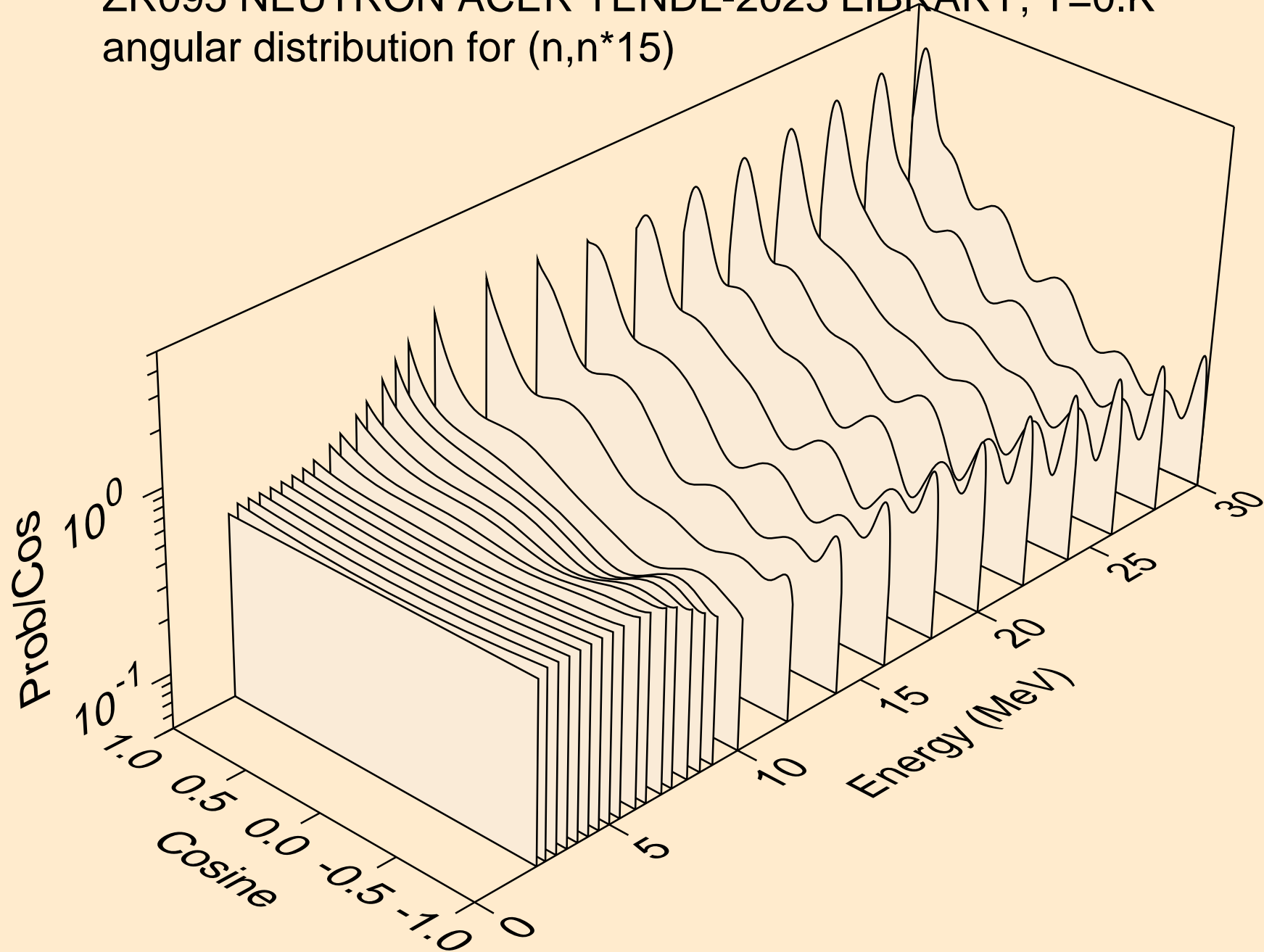




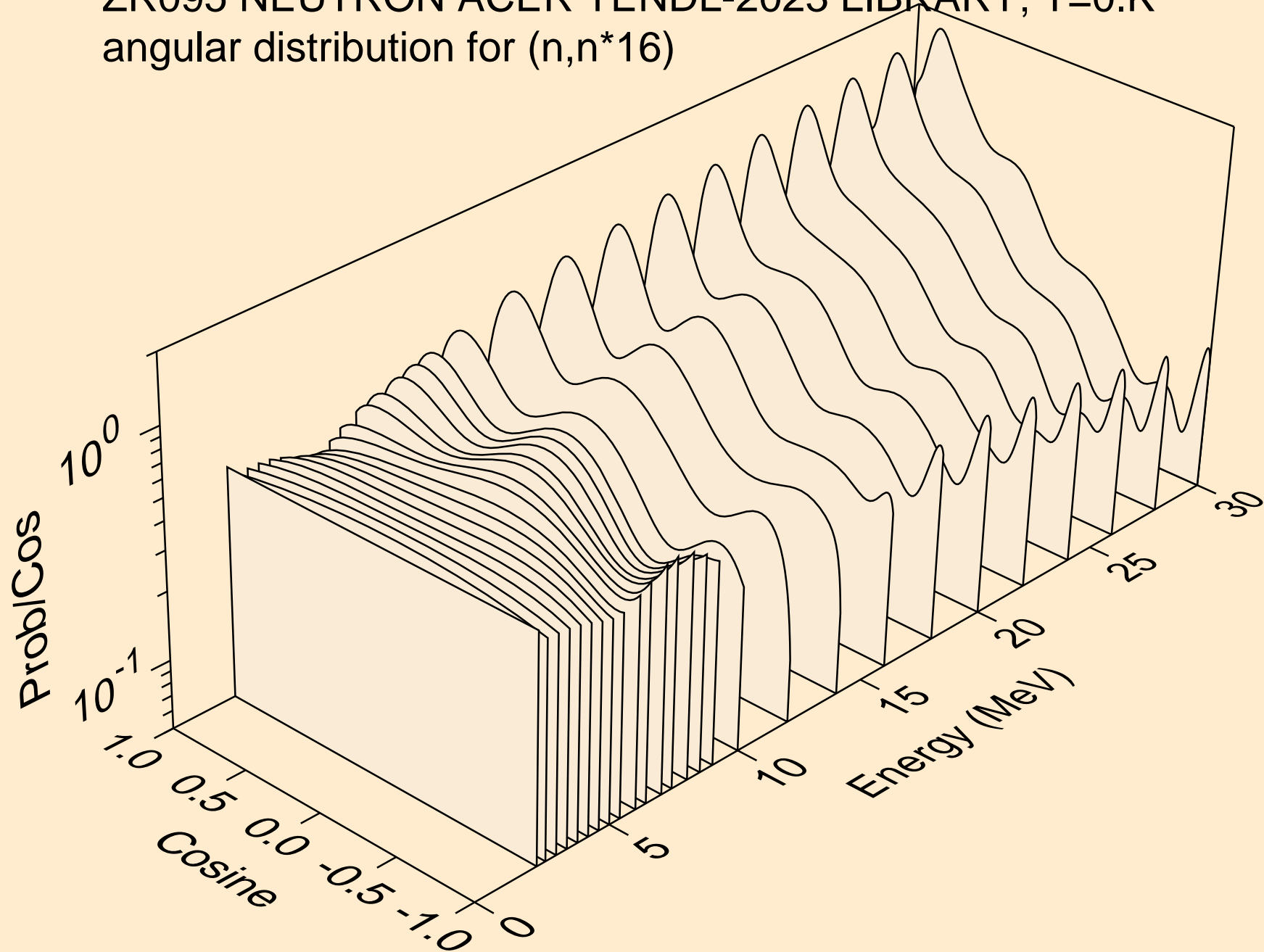
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angular distribution for (n,n\*14)



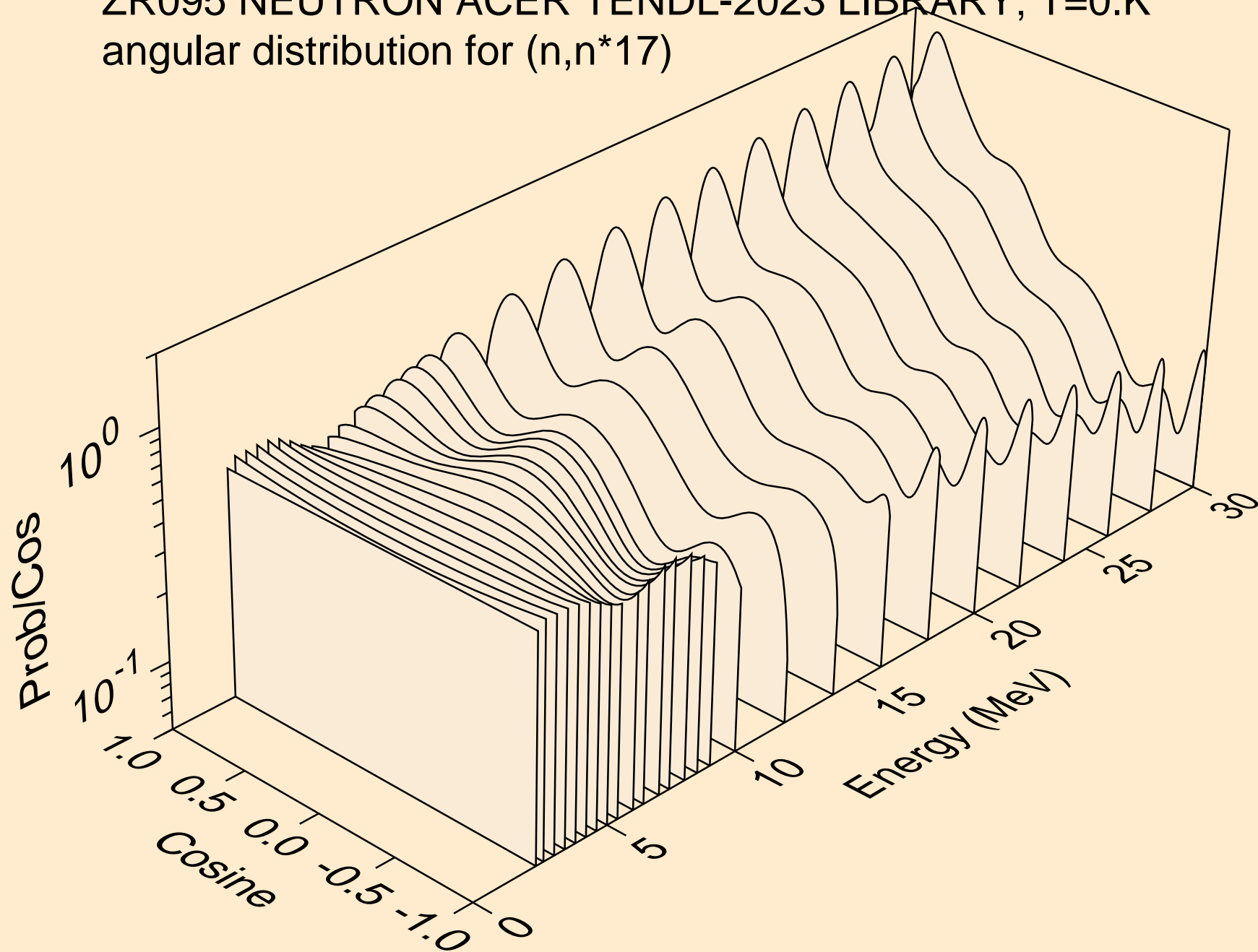
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angular distribution for (n,n\*15)



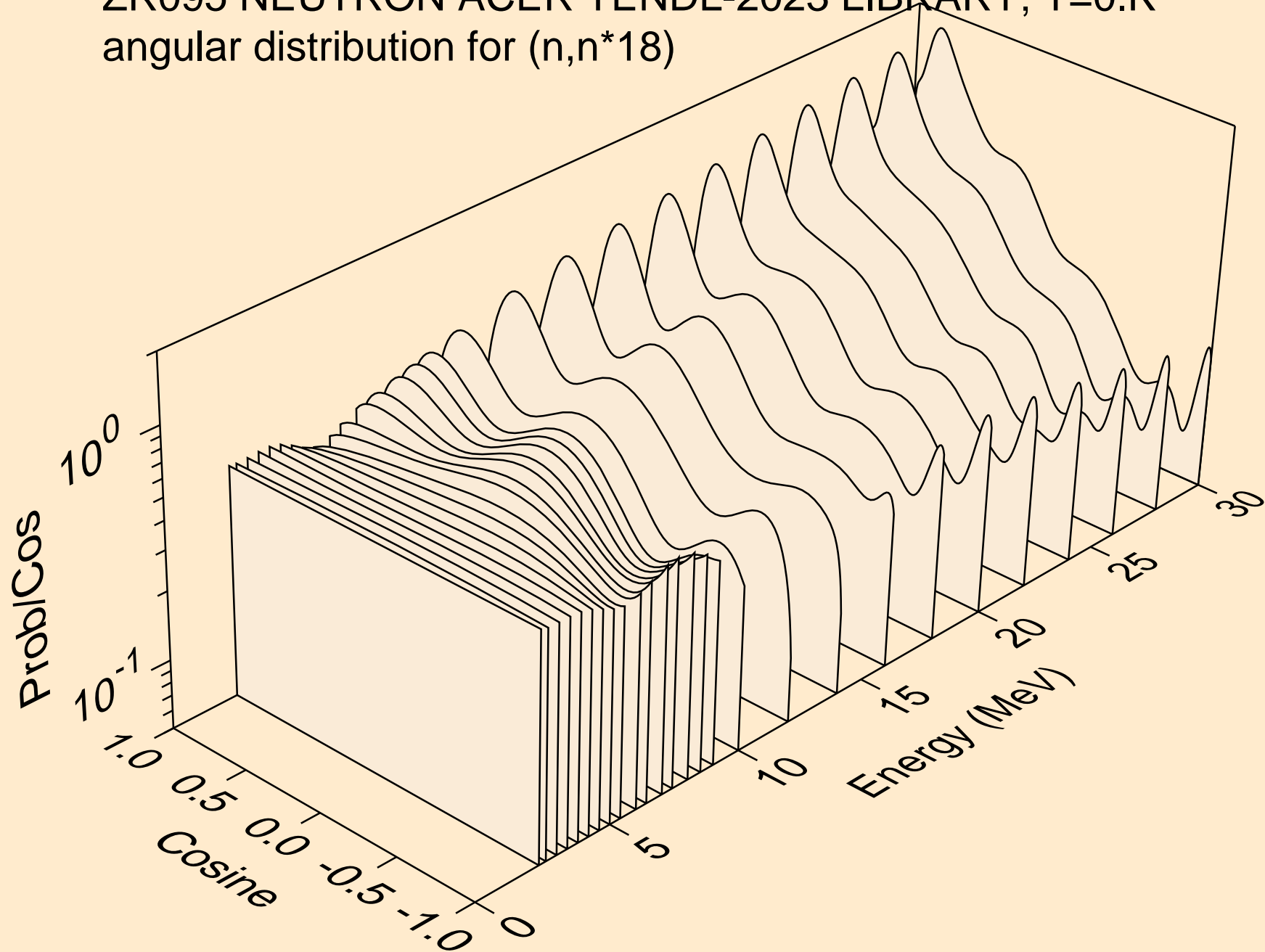
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angular distribution for (n,n\*16)



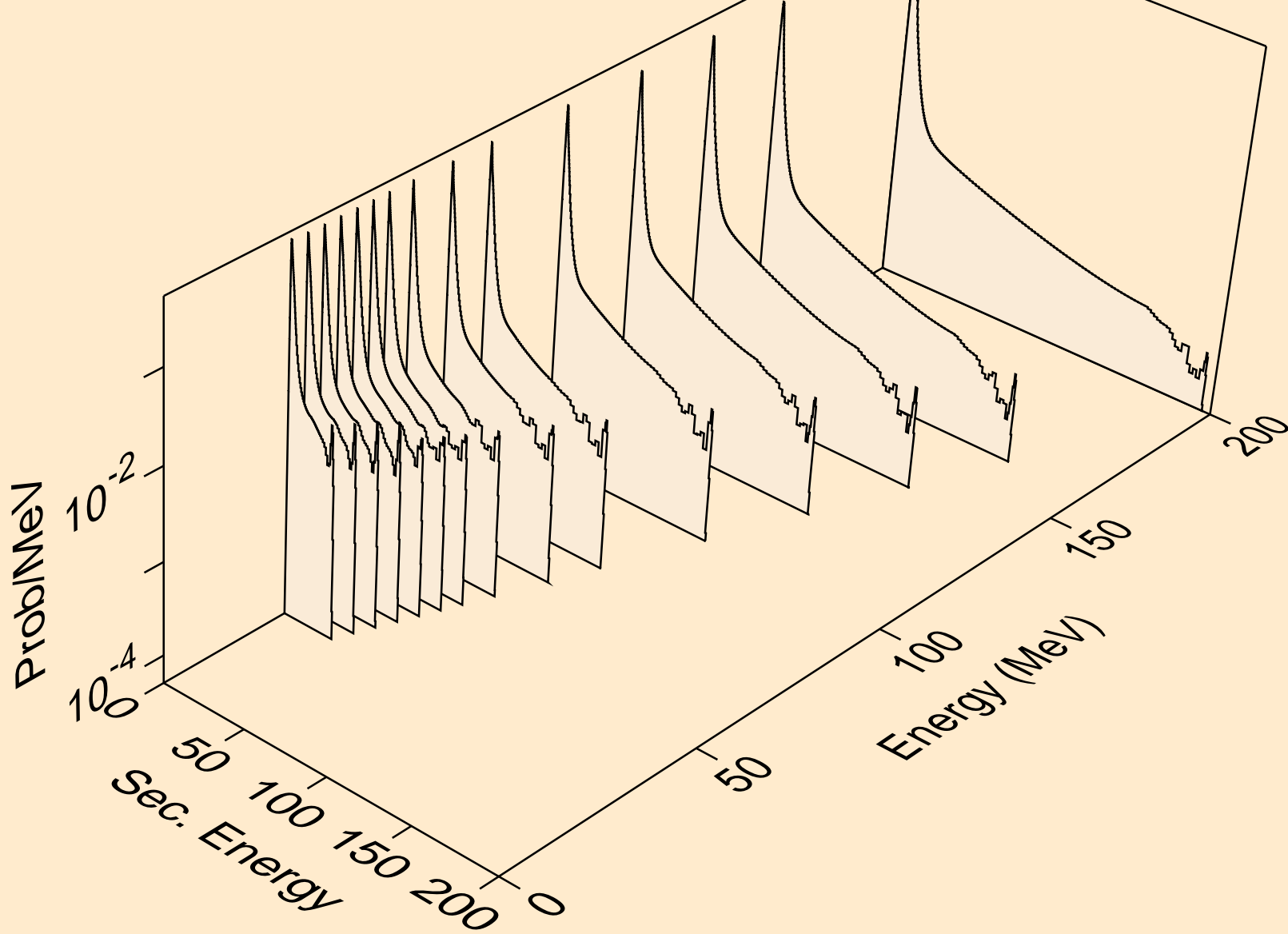
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angular distribution for (n,n\*17)



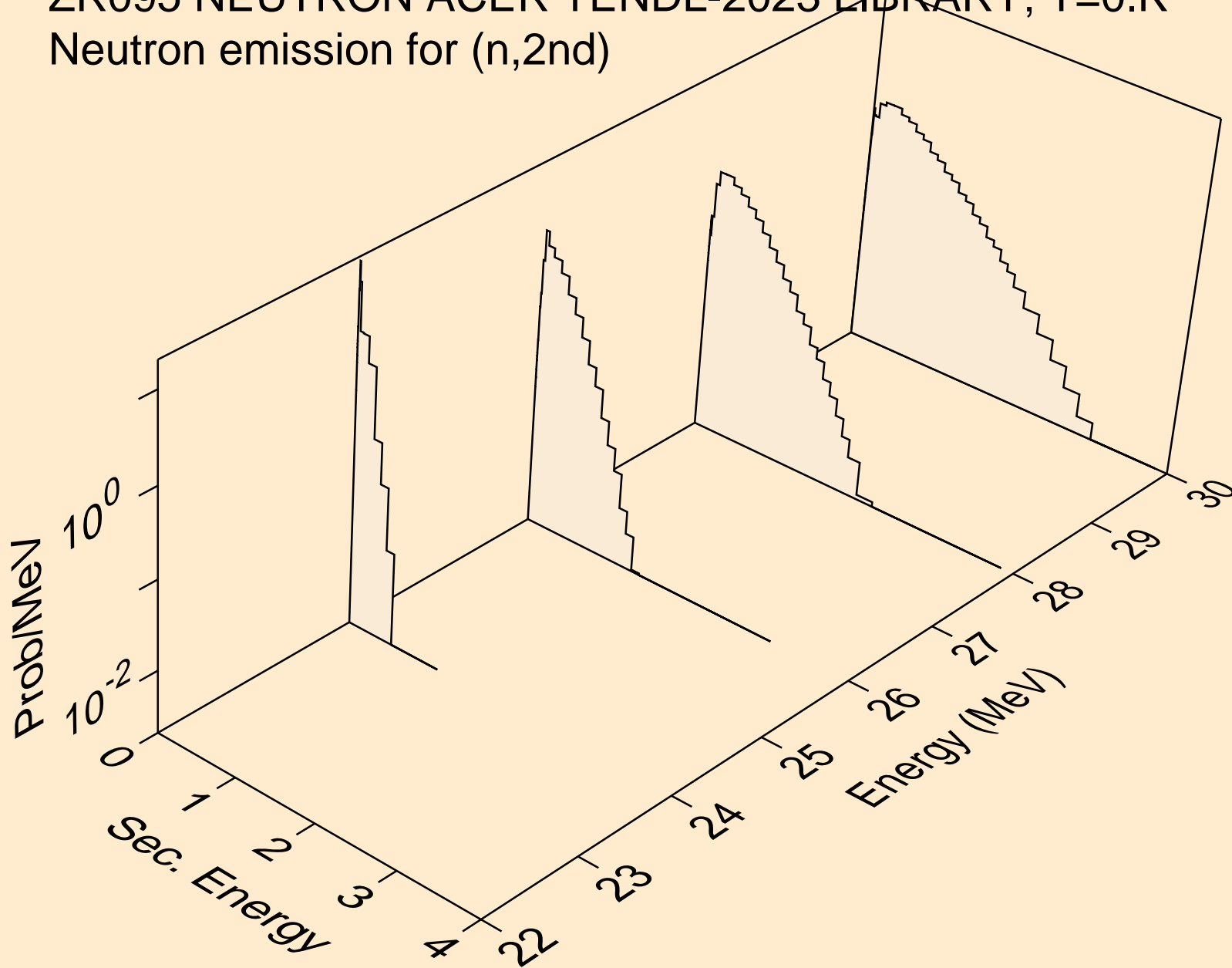
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angular distribution for (n,n\*18)



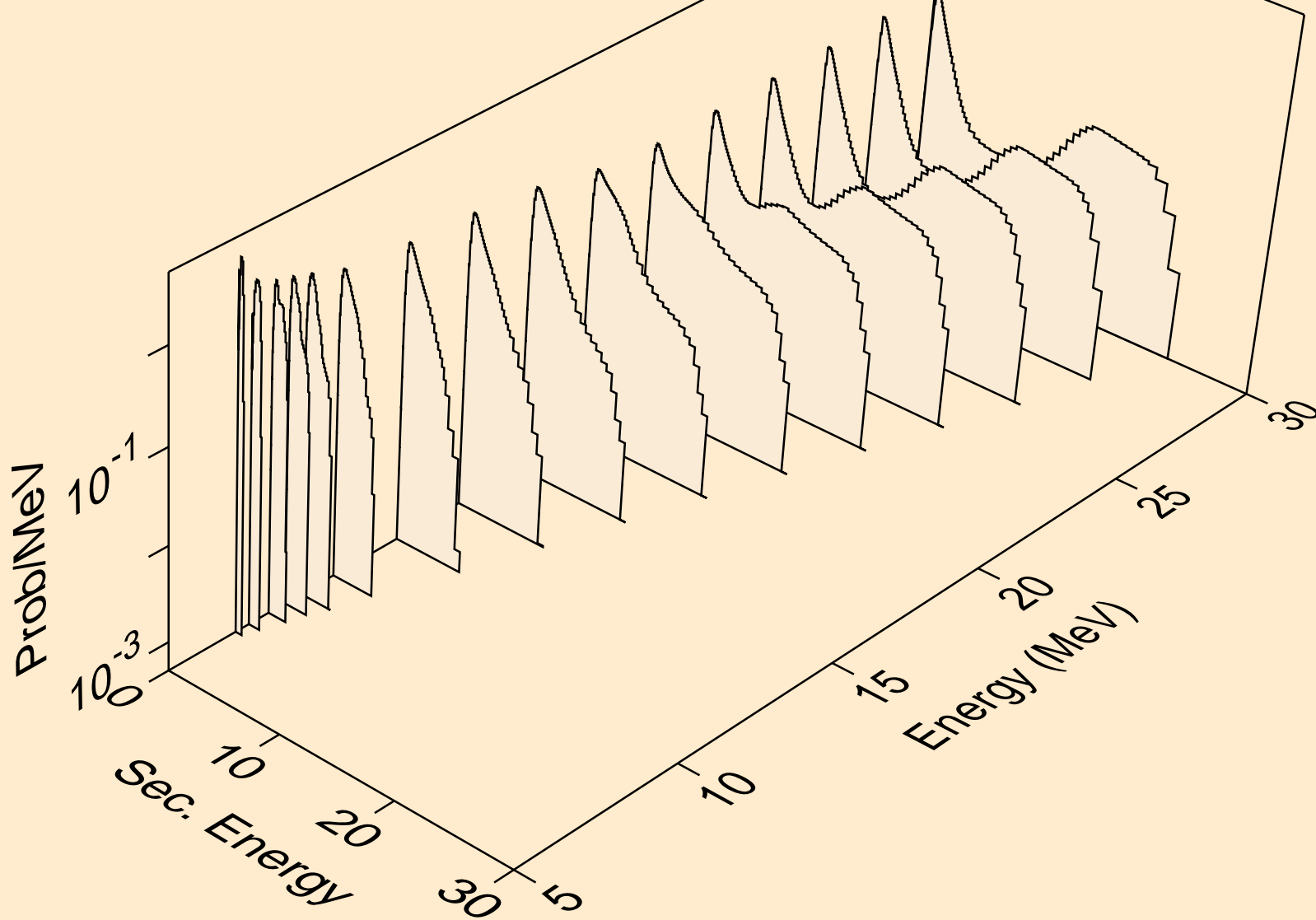
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

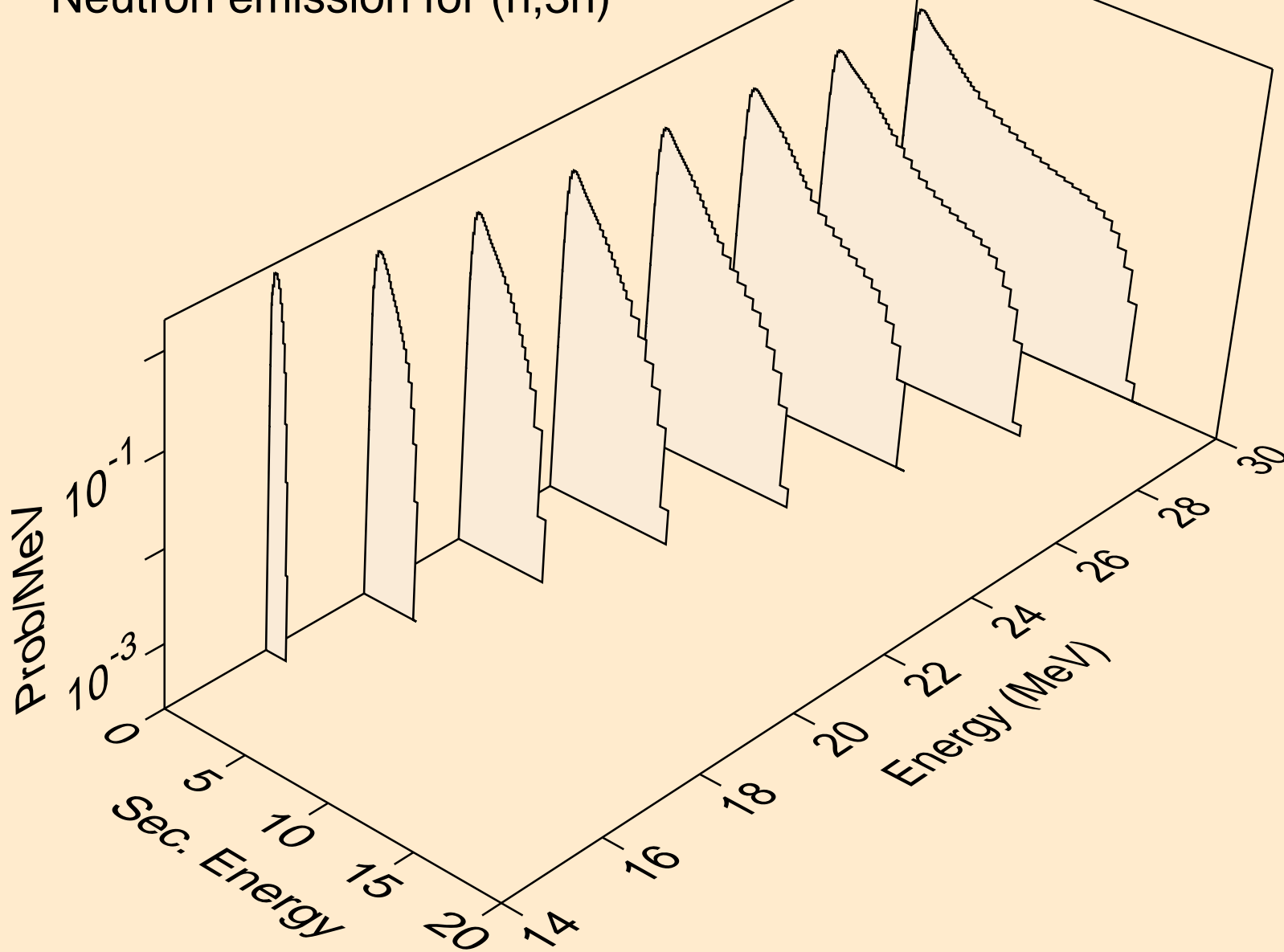


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

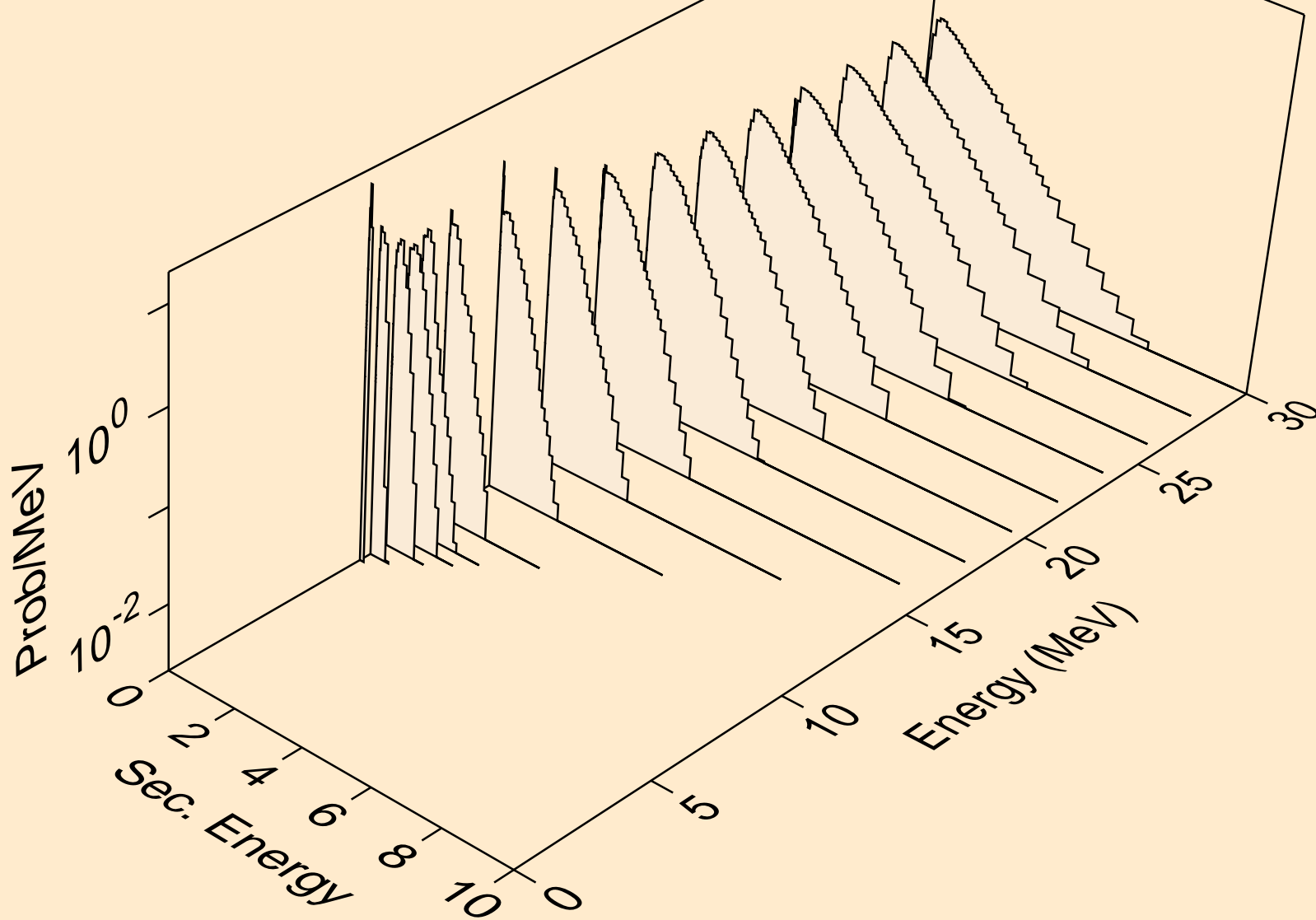




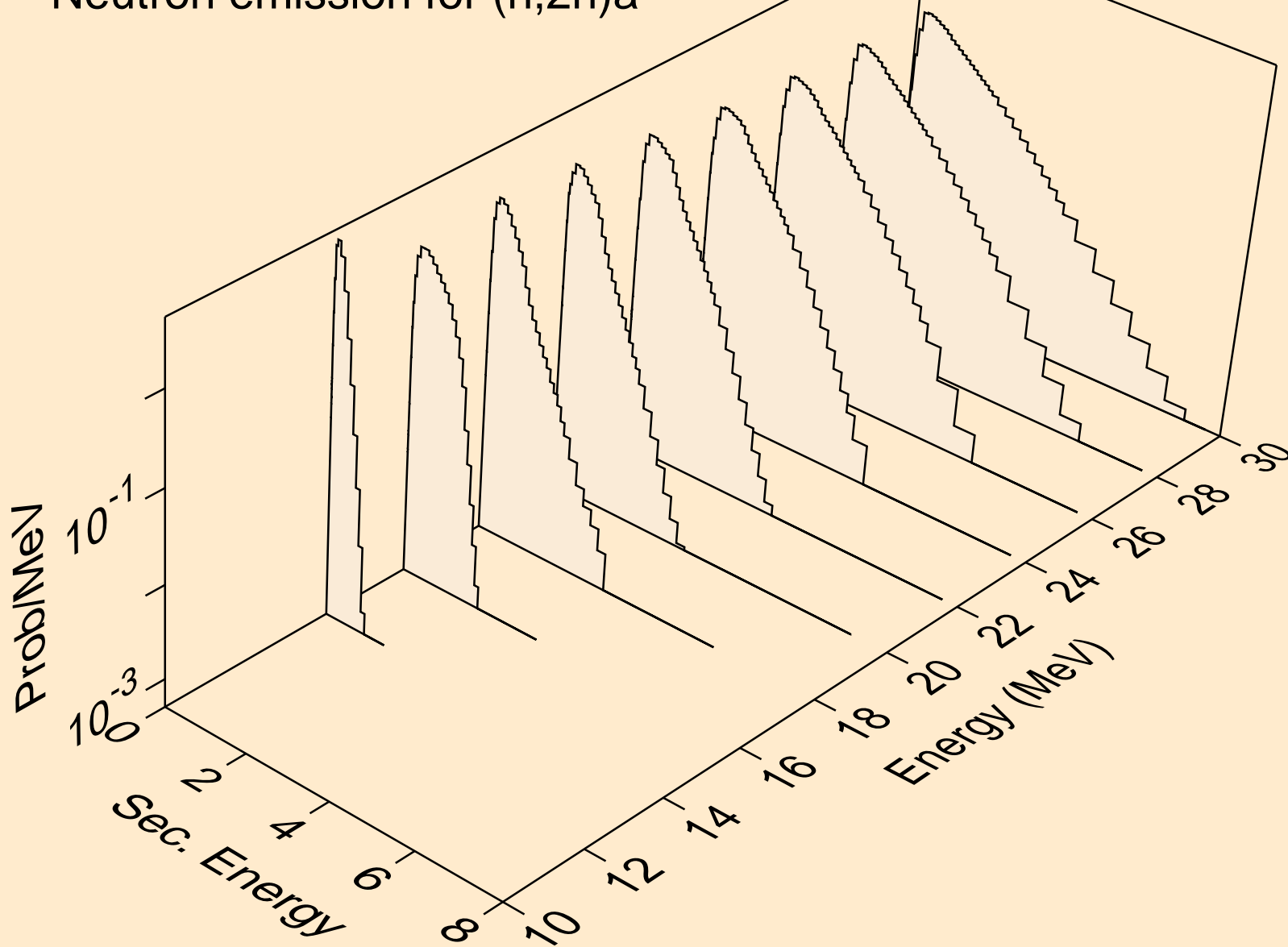
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



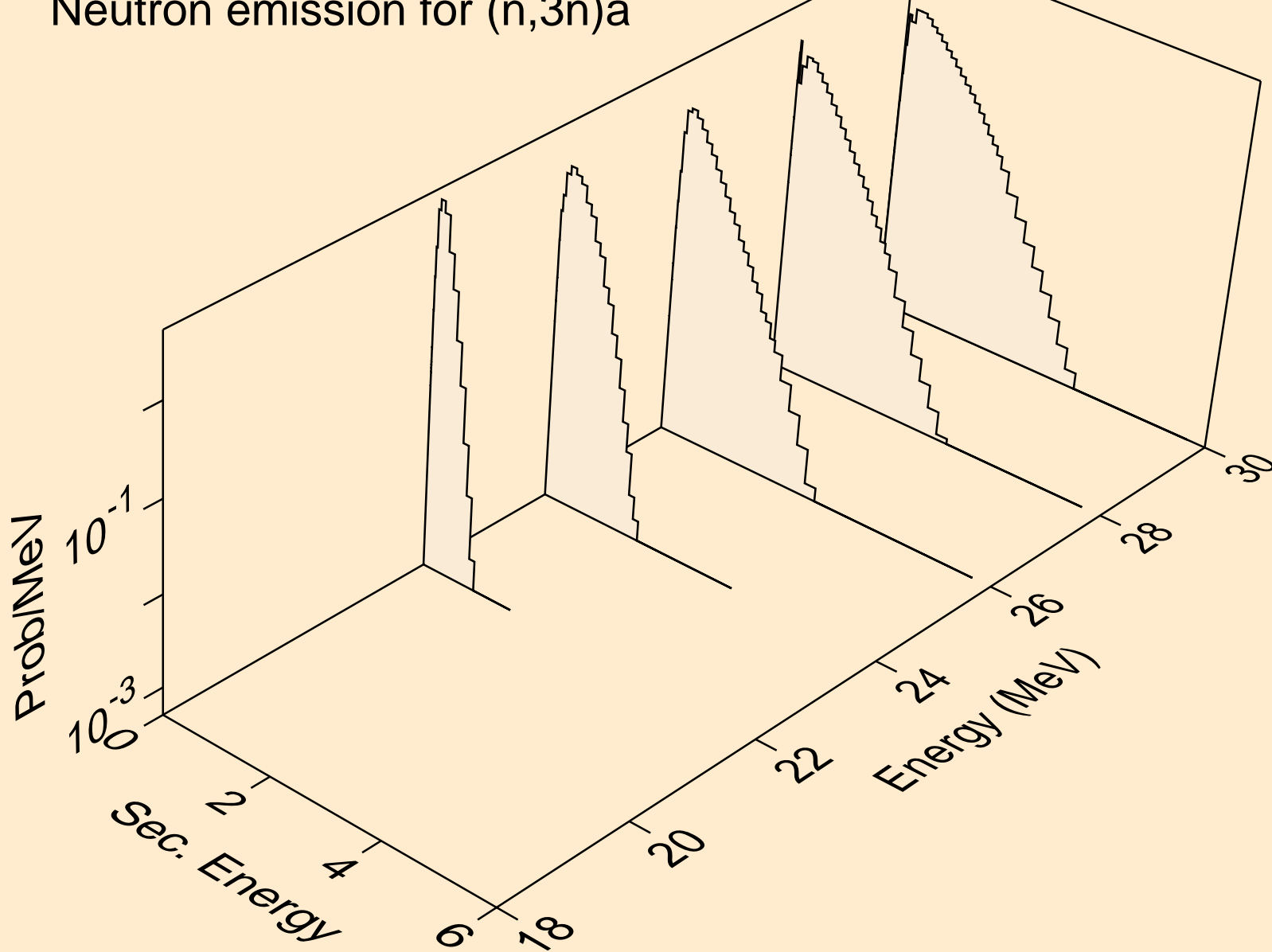
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



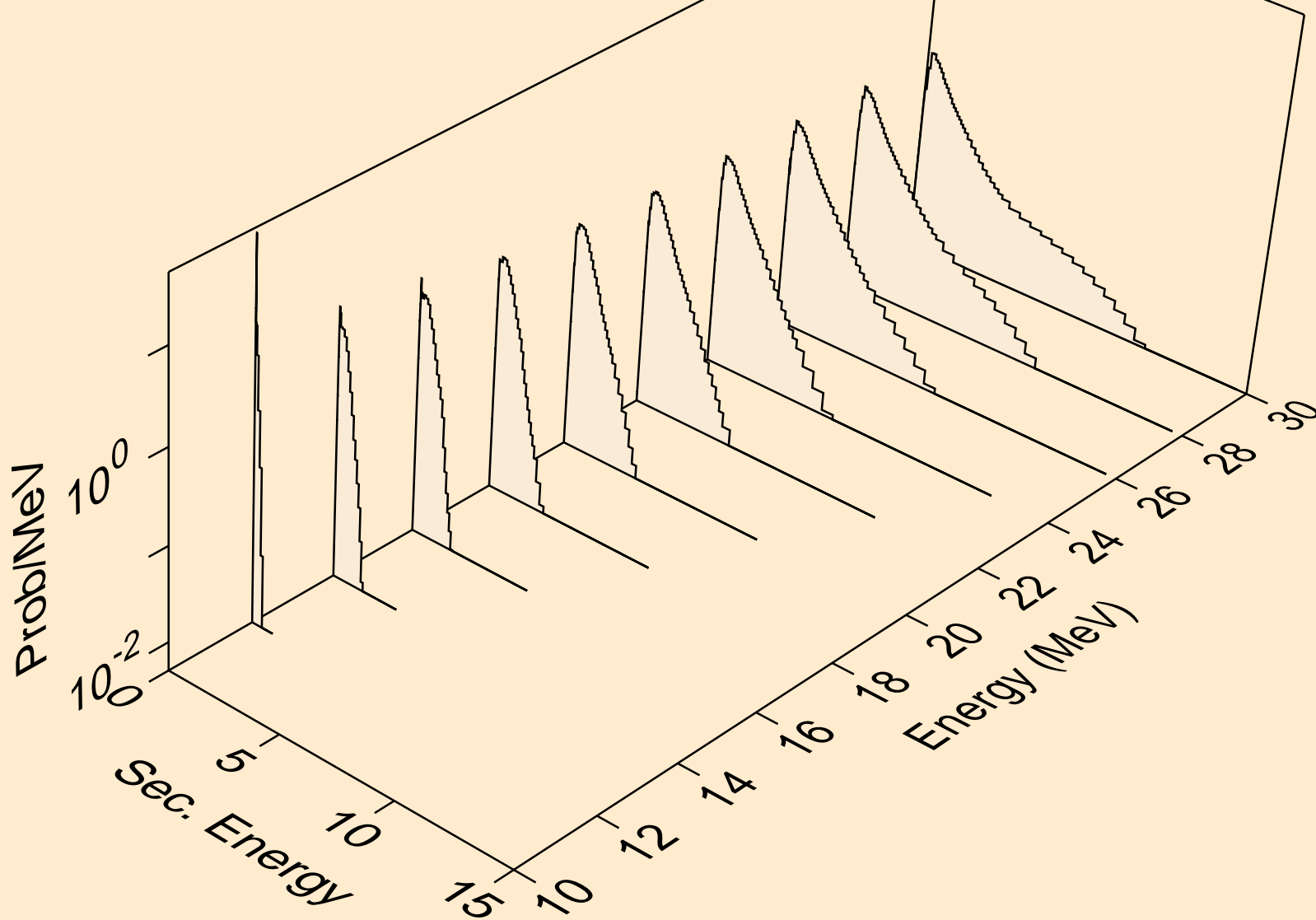
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Neutron emission for (n,2n)a



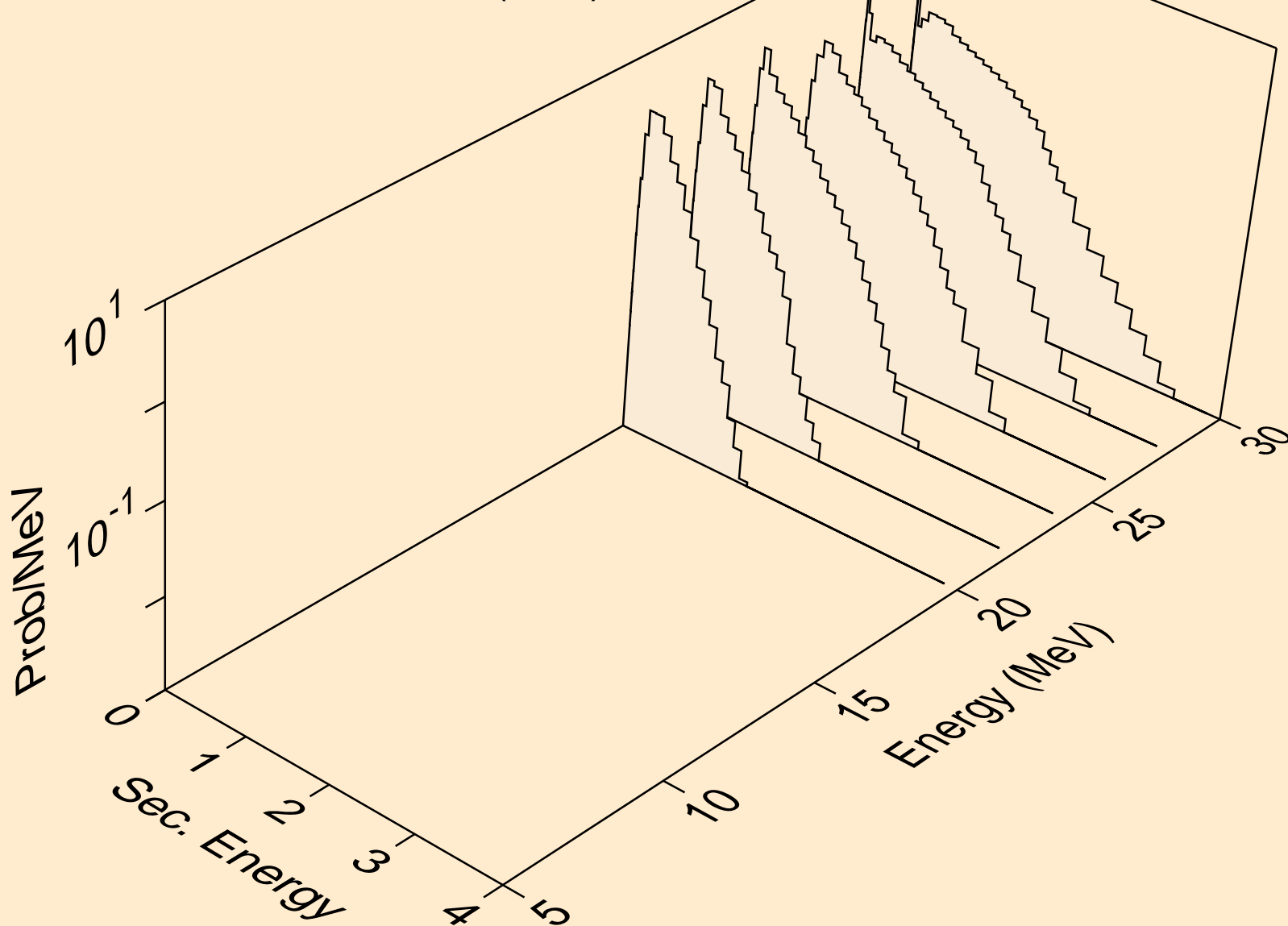
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Neutron emission for (n,3n)a



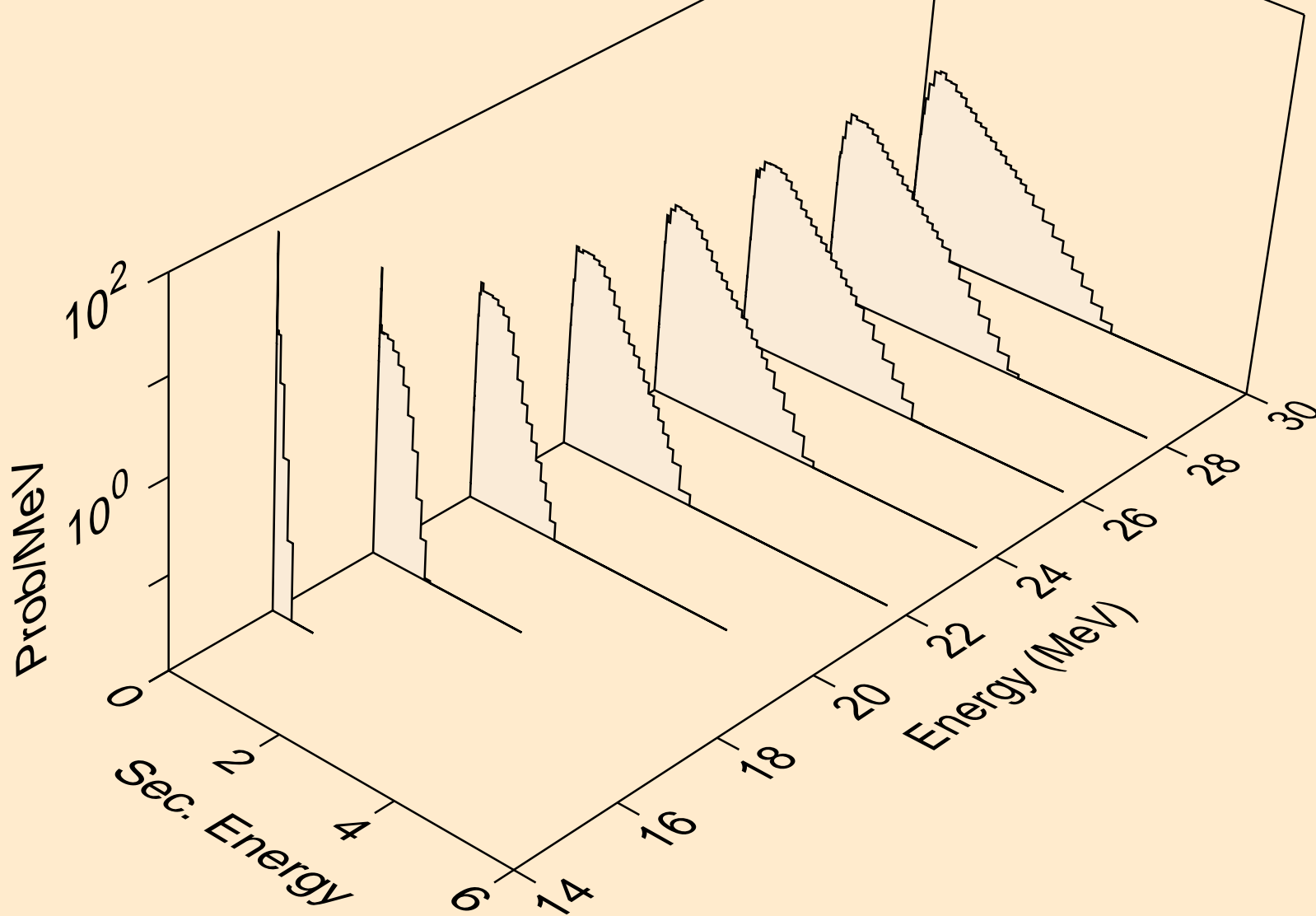
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



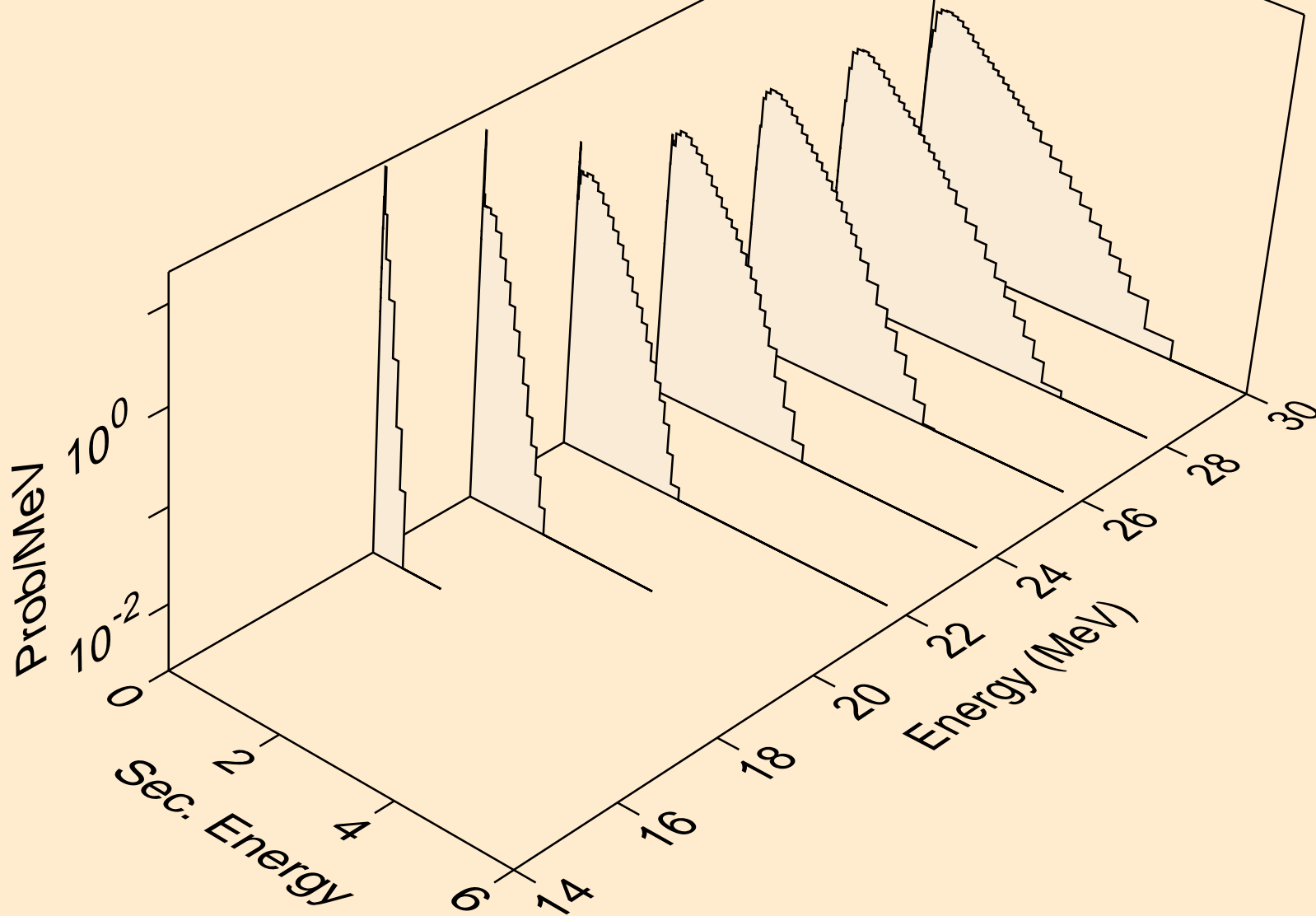
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

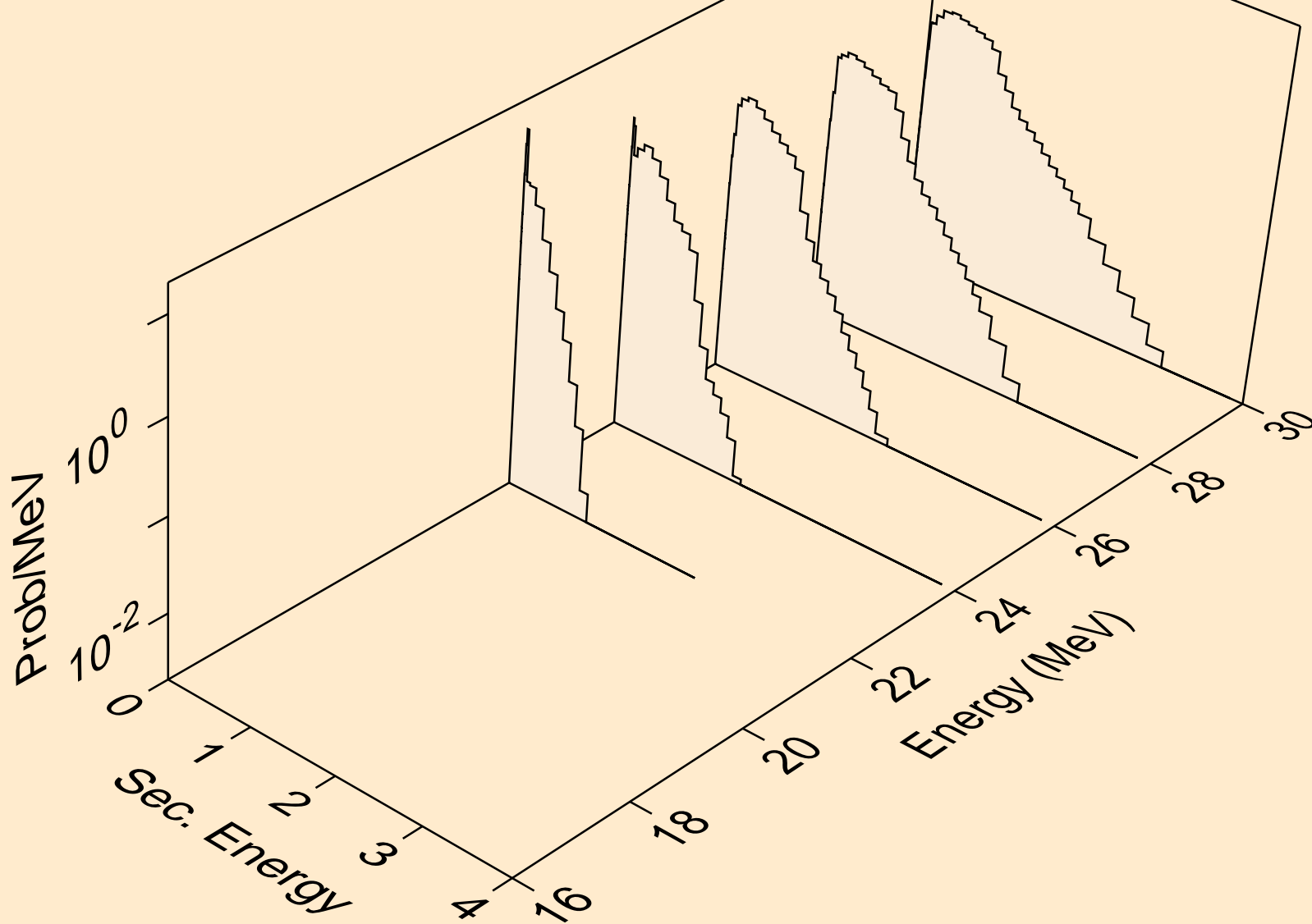


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Neutron emission for (n,n\*)t

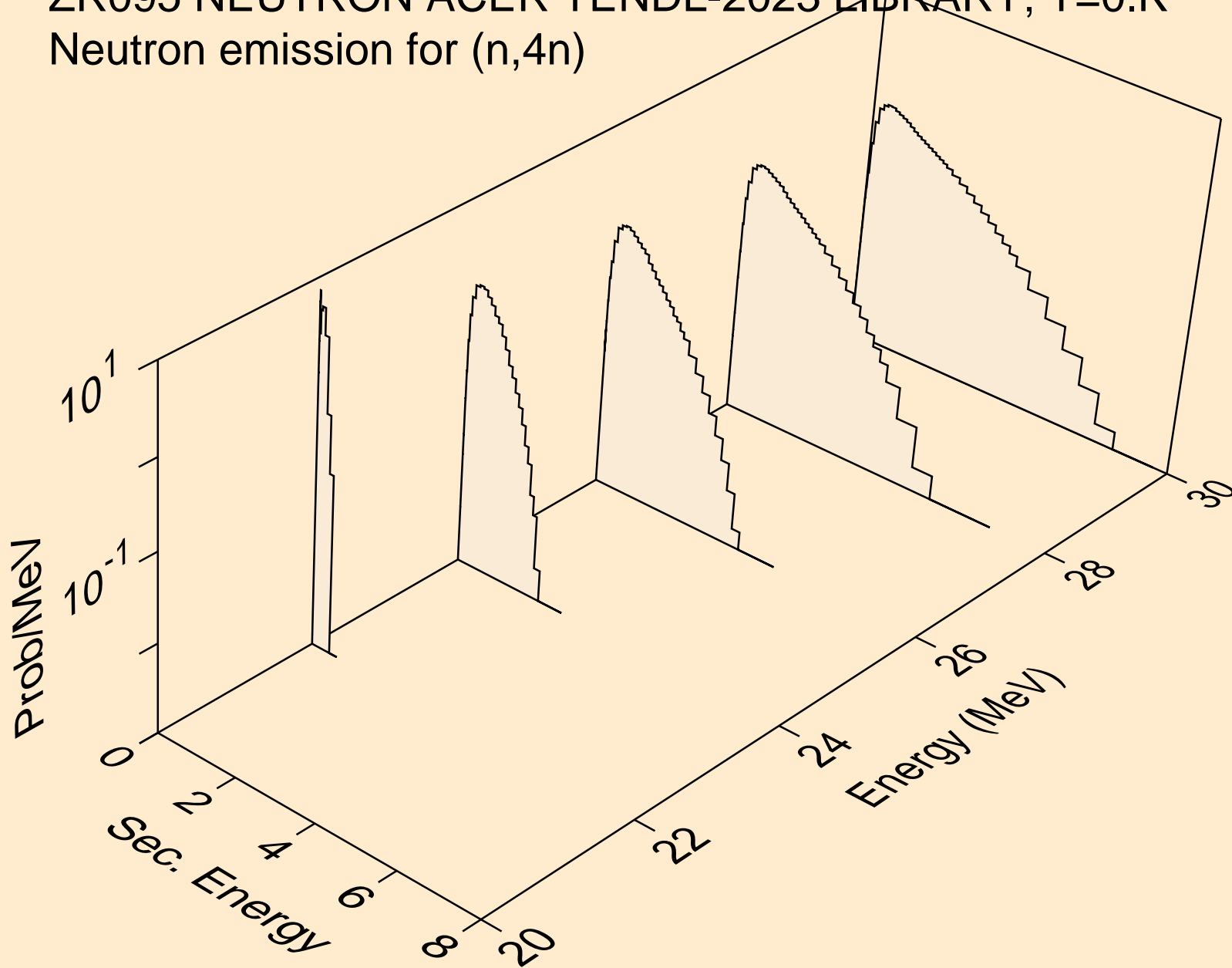




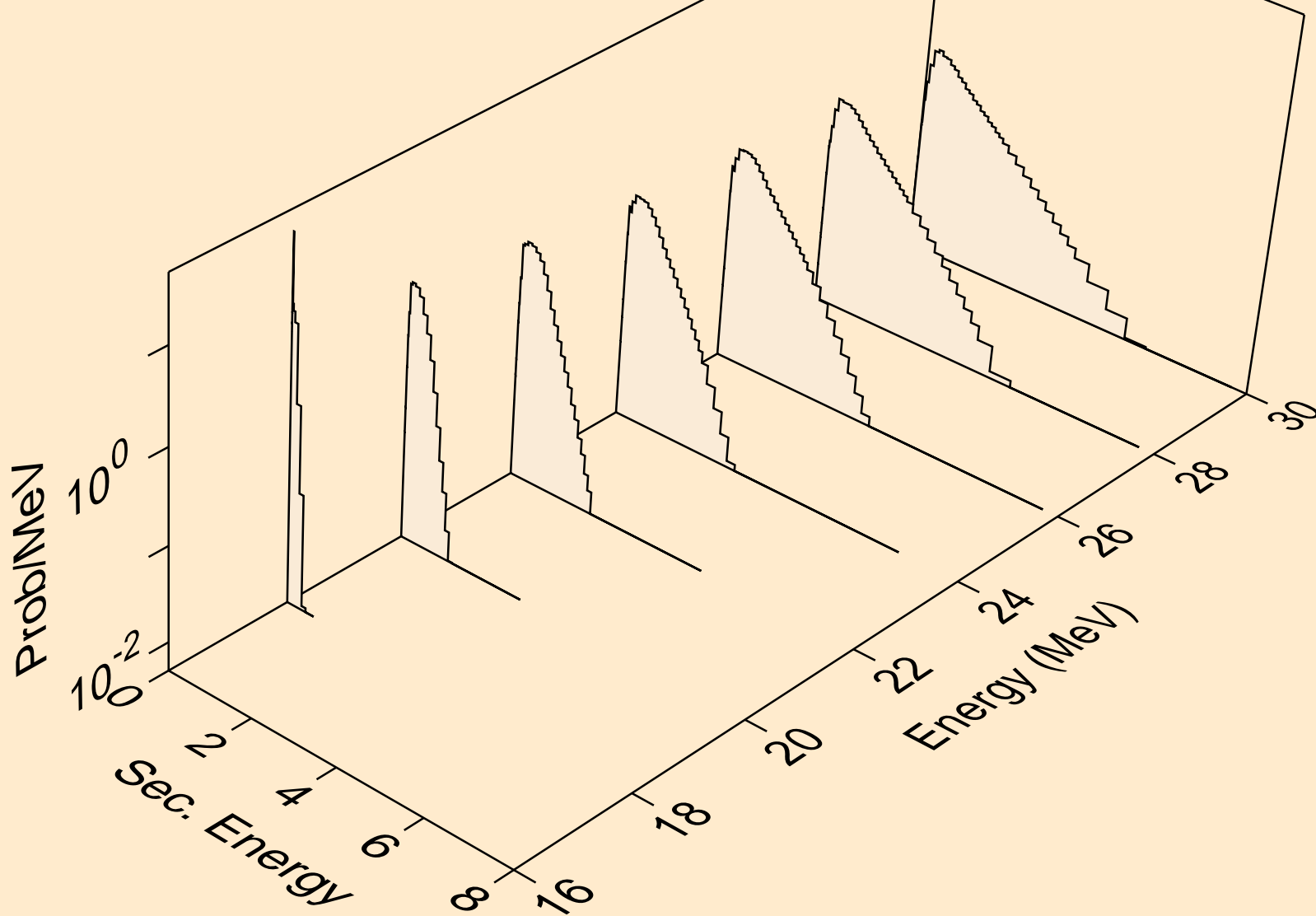
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Neutron emission for (n,n\*)he3



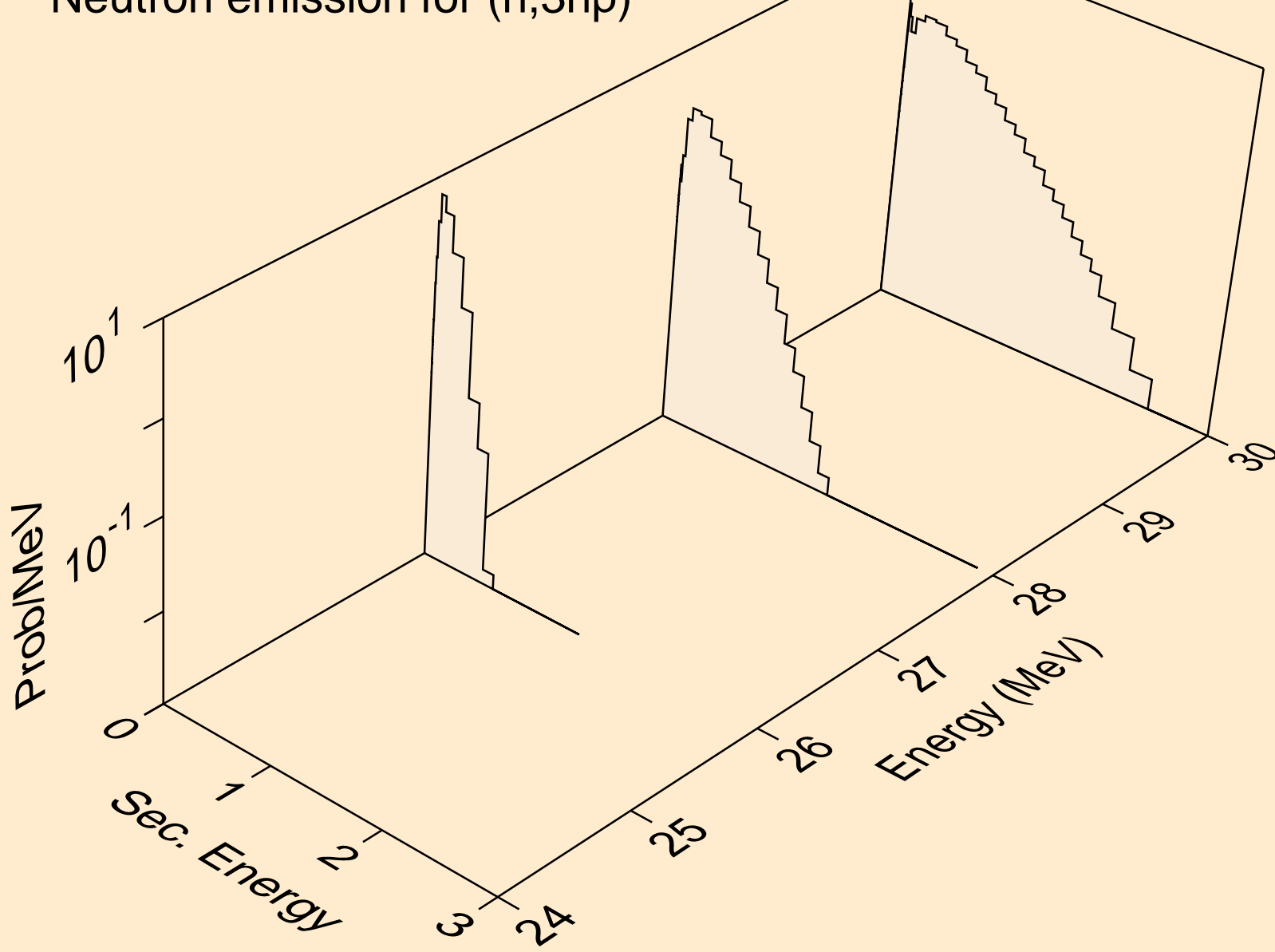
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Neutron emission for (n,4n)



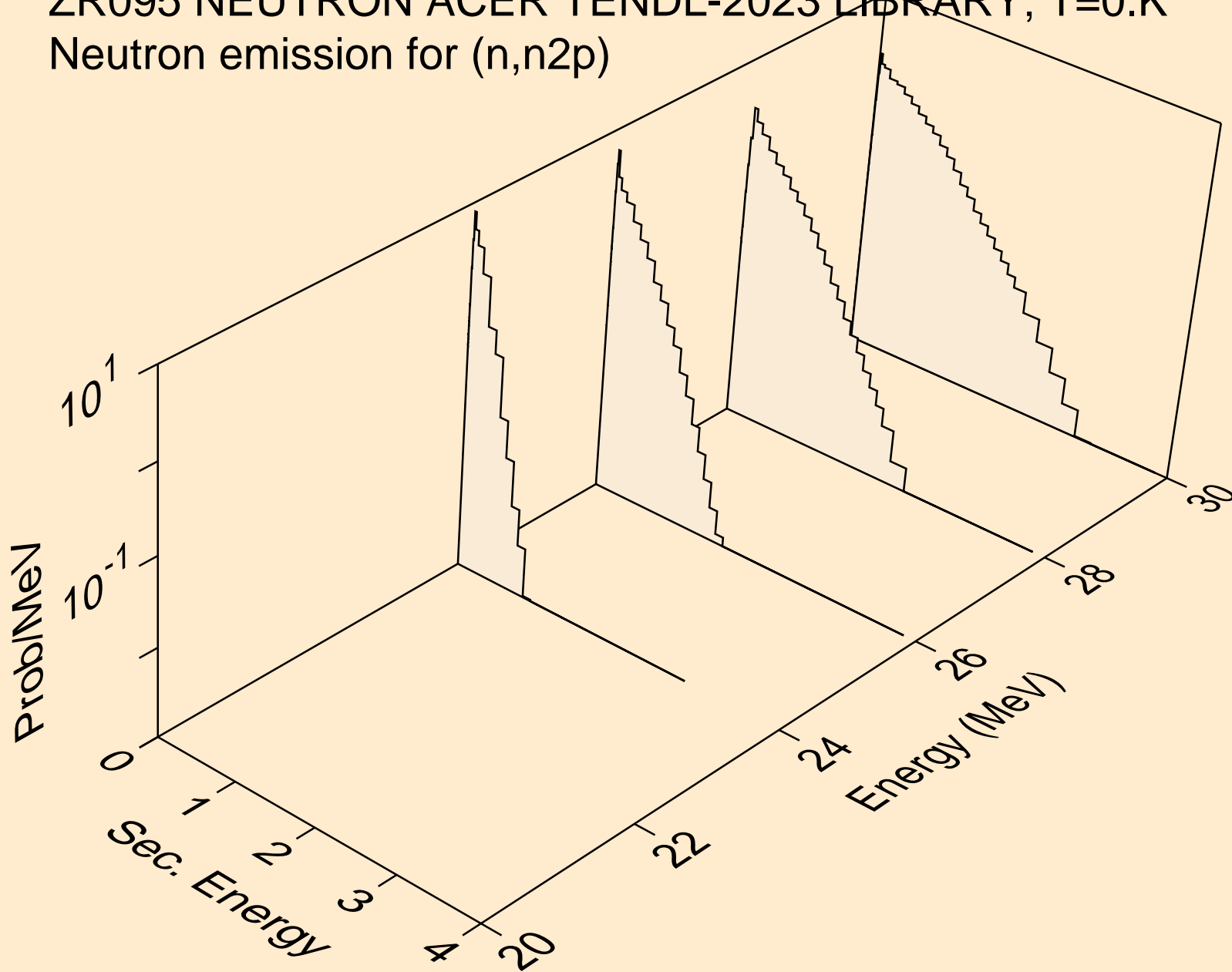
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



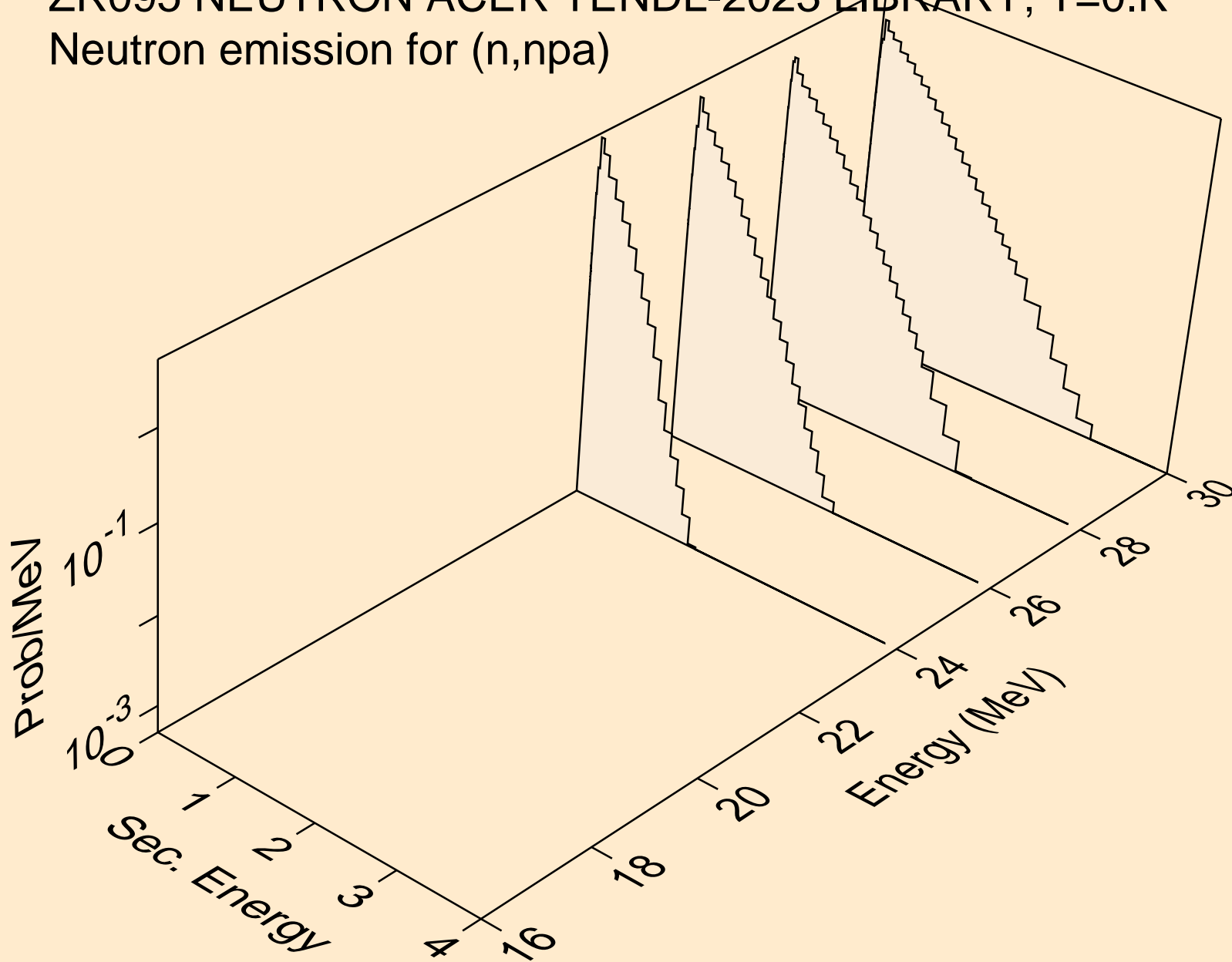
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Neutron emission for (n,3np)



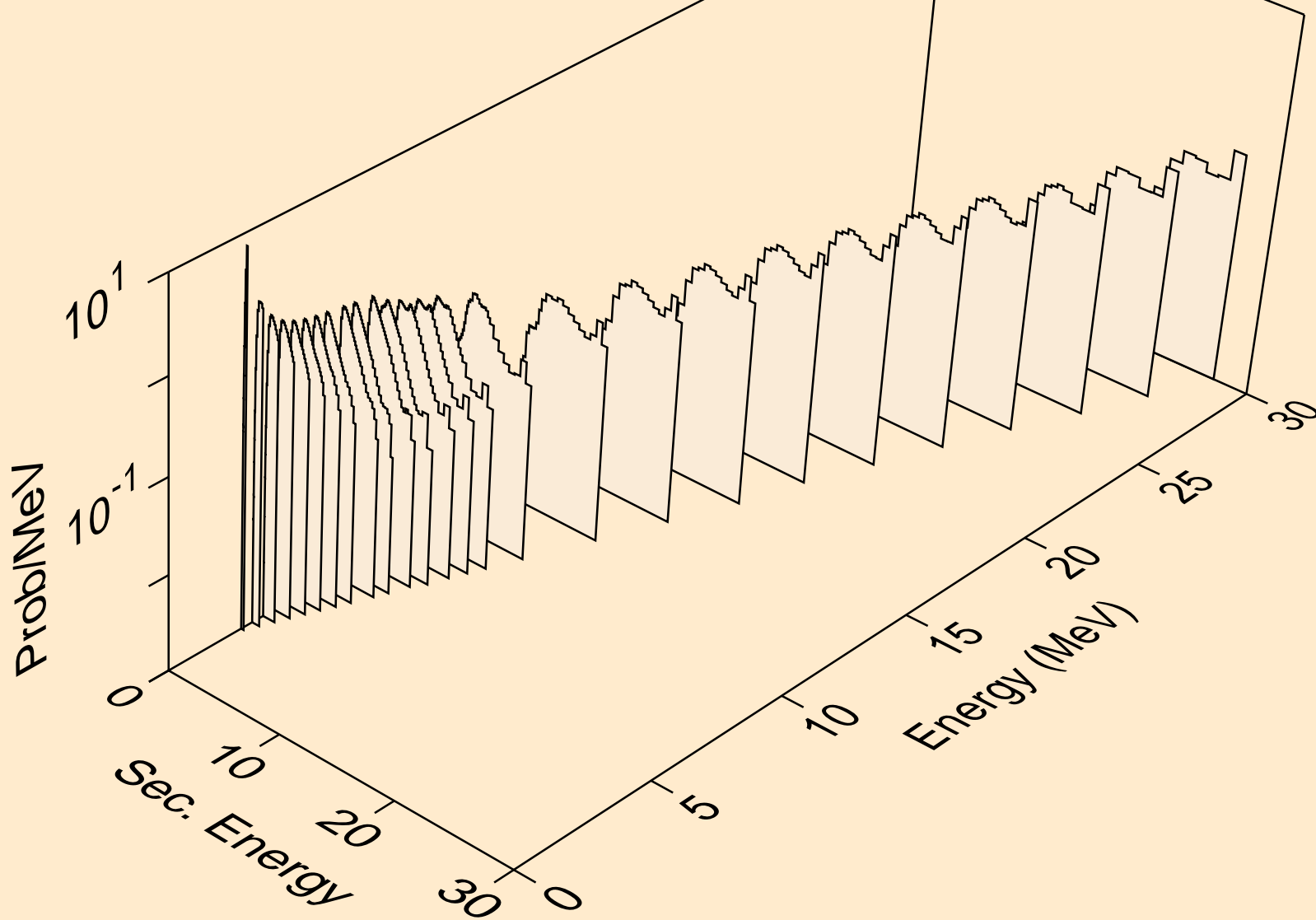
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



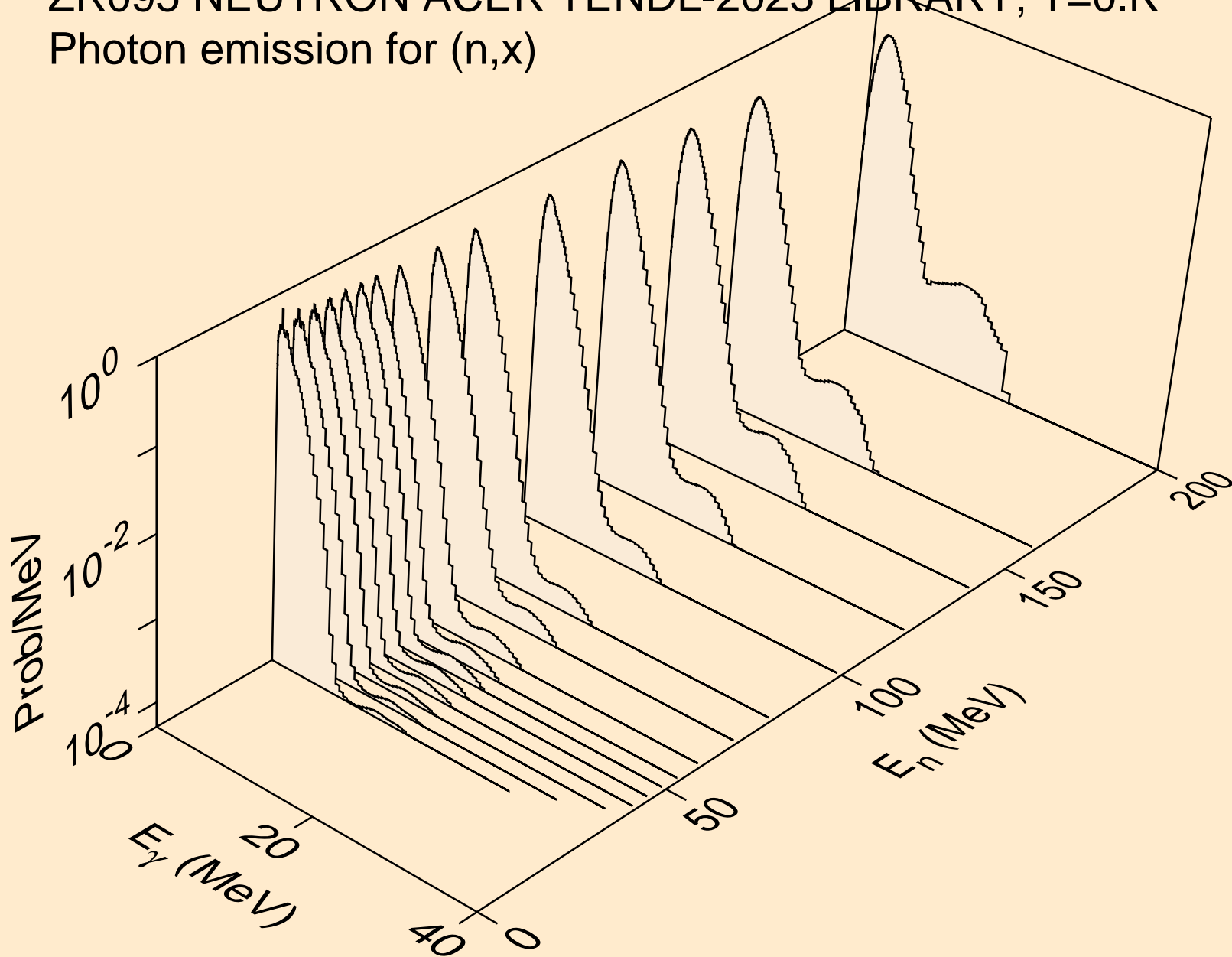
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

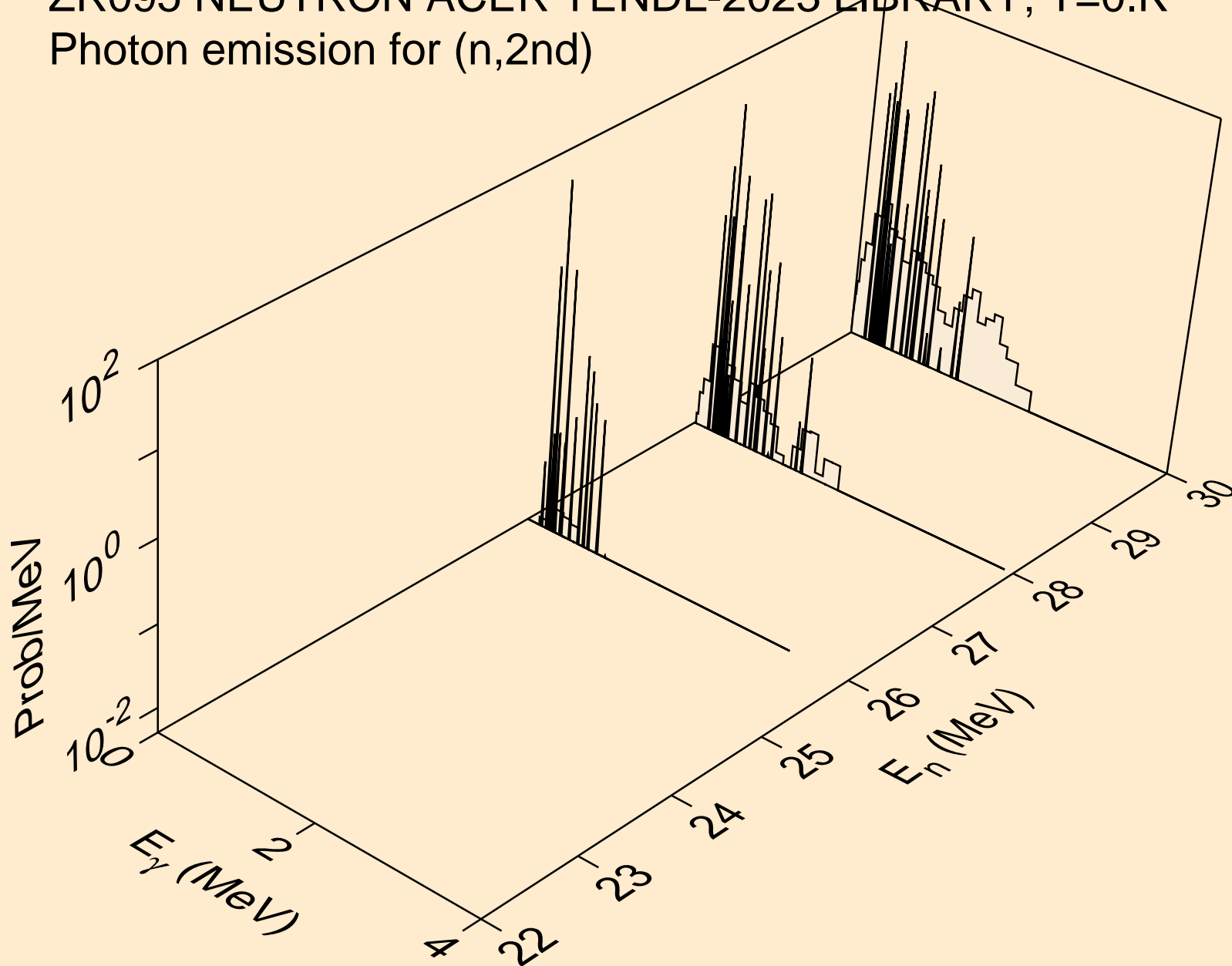


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

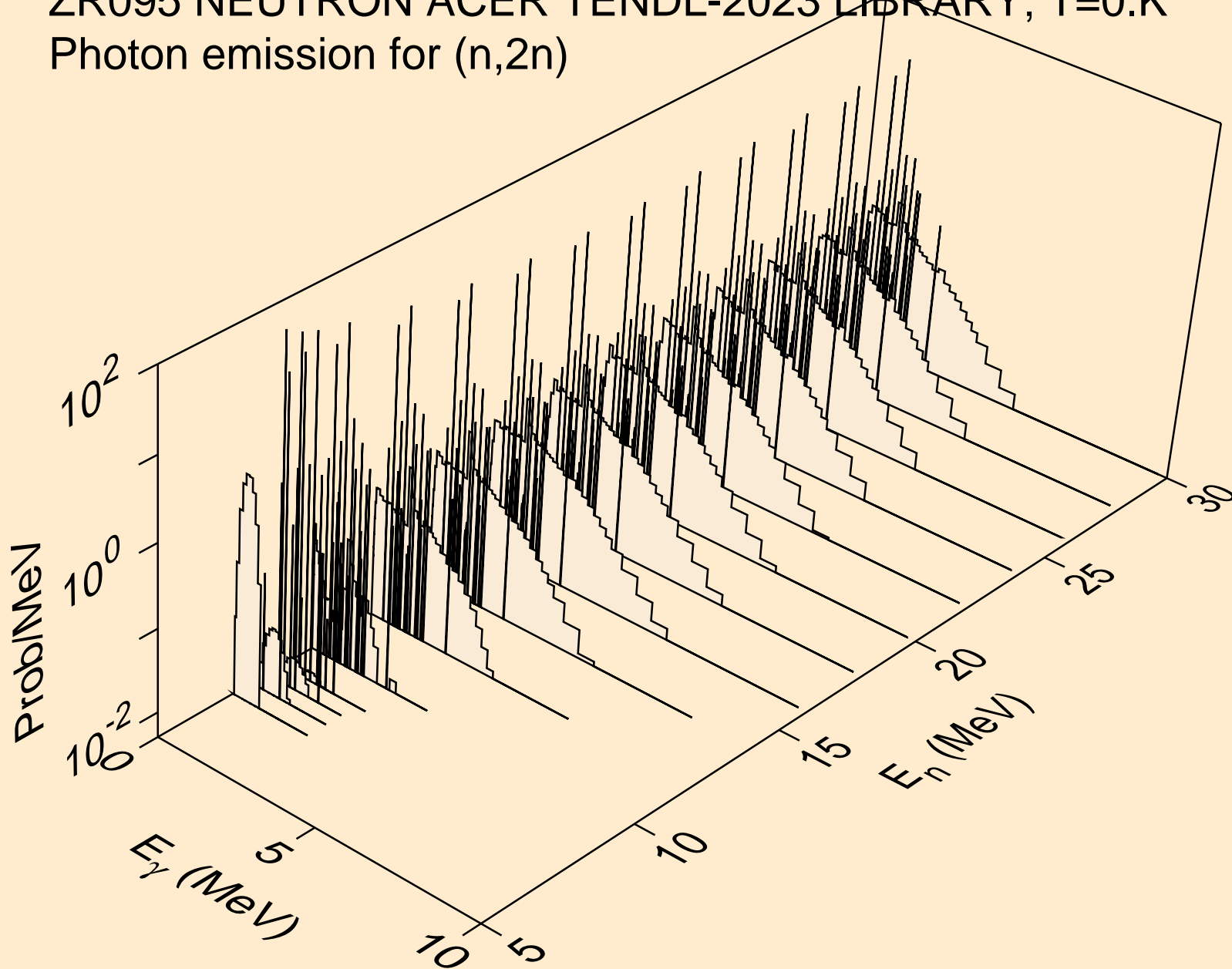




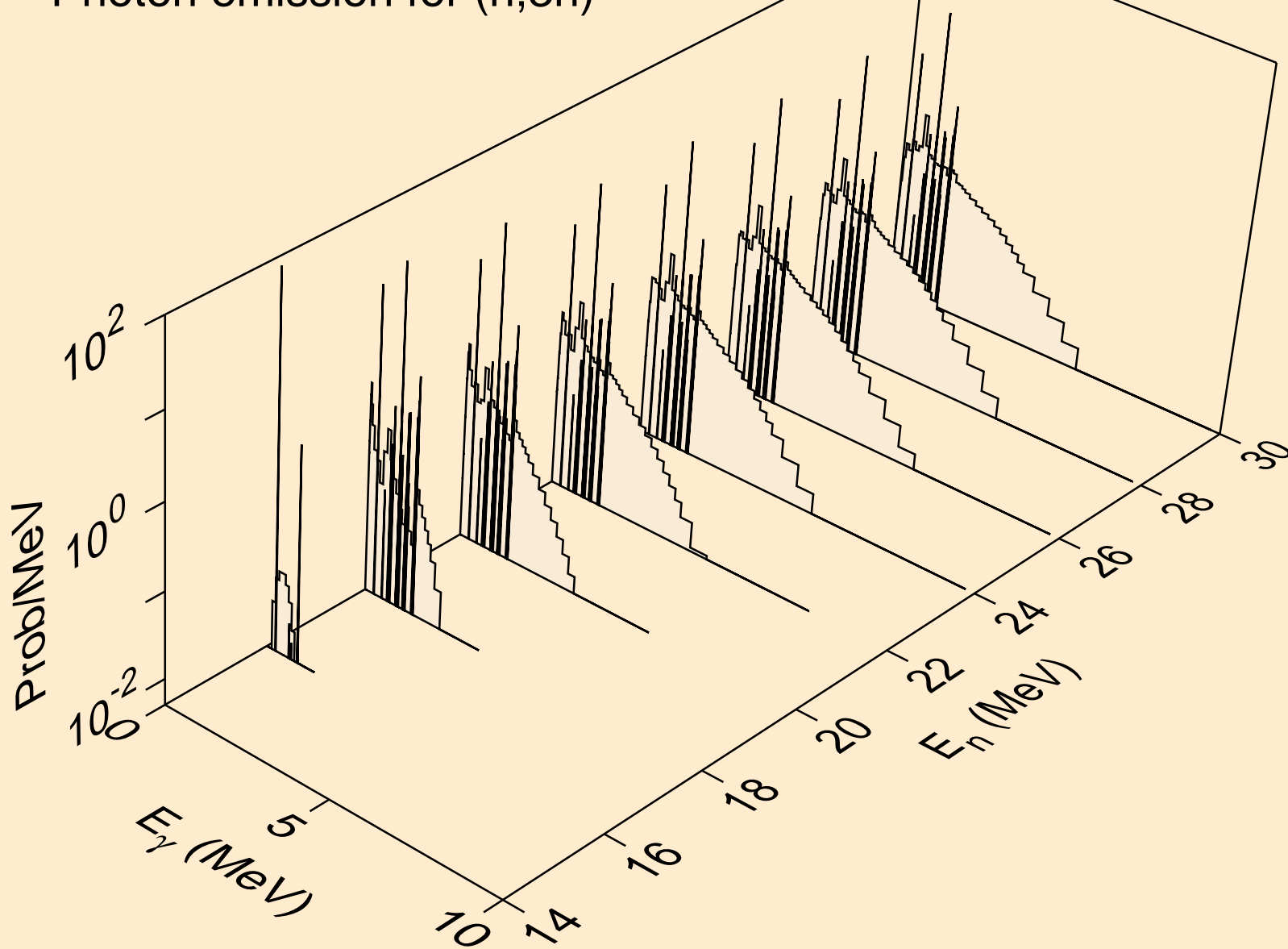
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



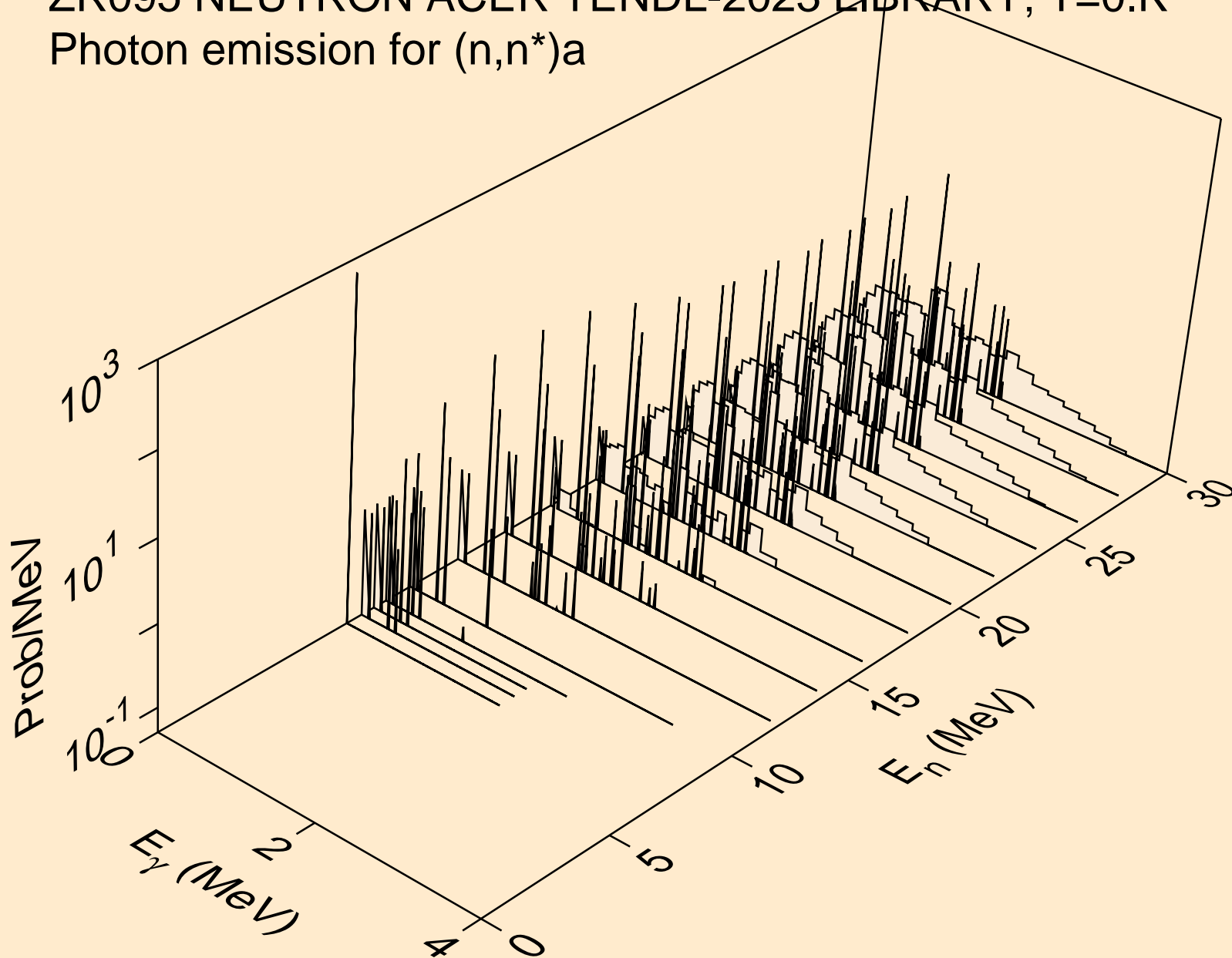
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Photon emission for (n,2n)



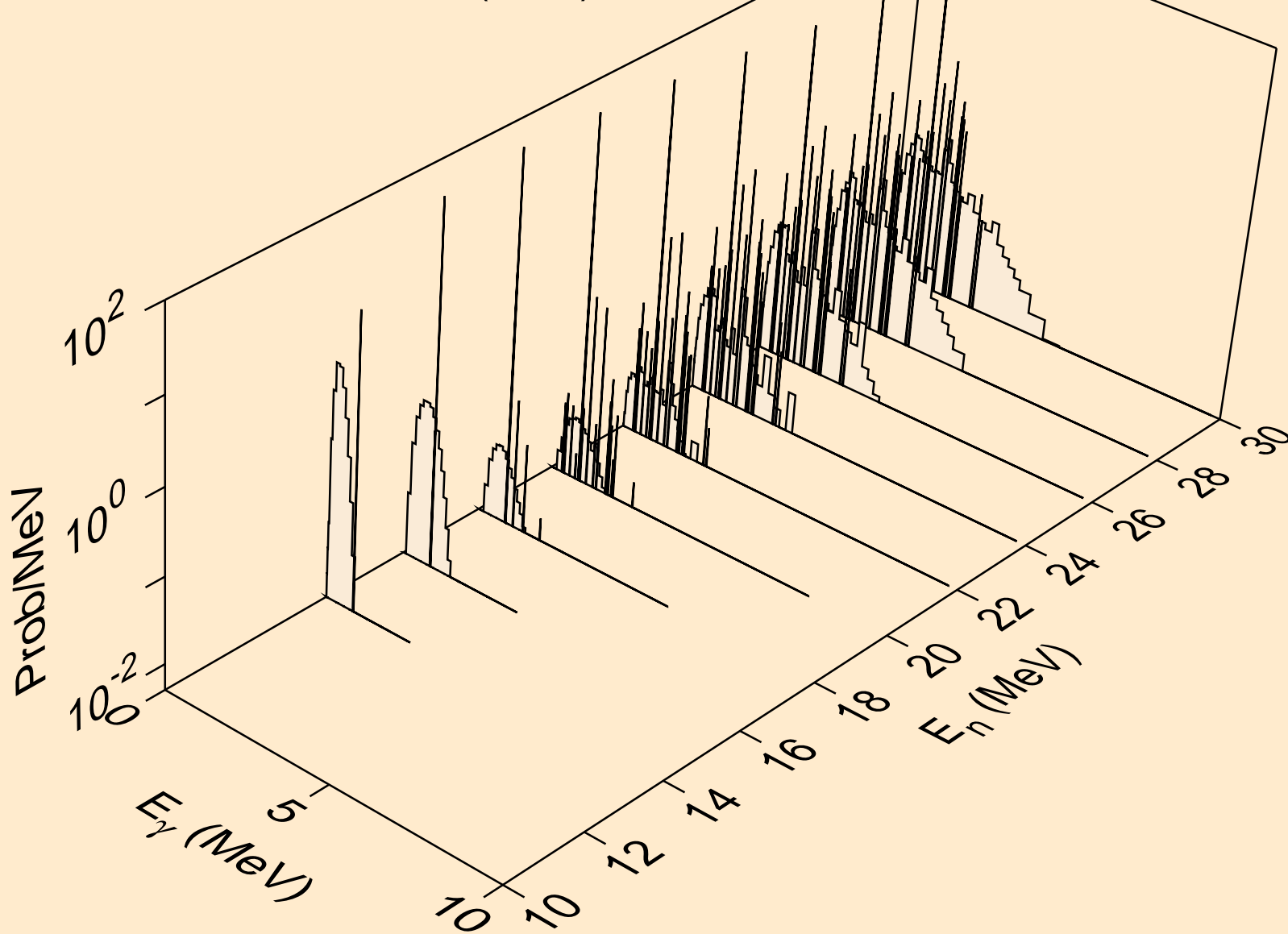
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



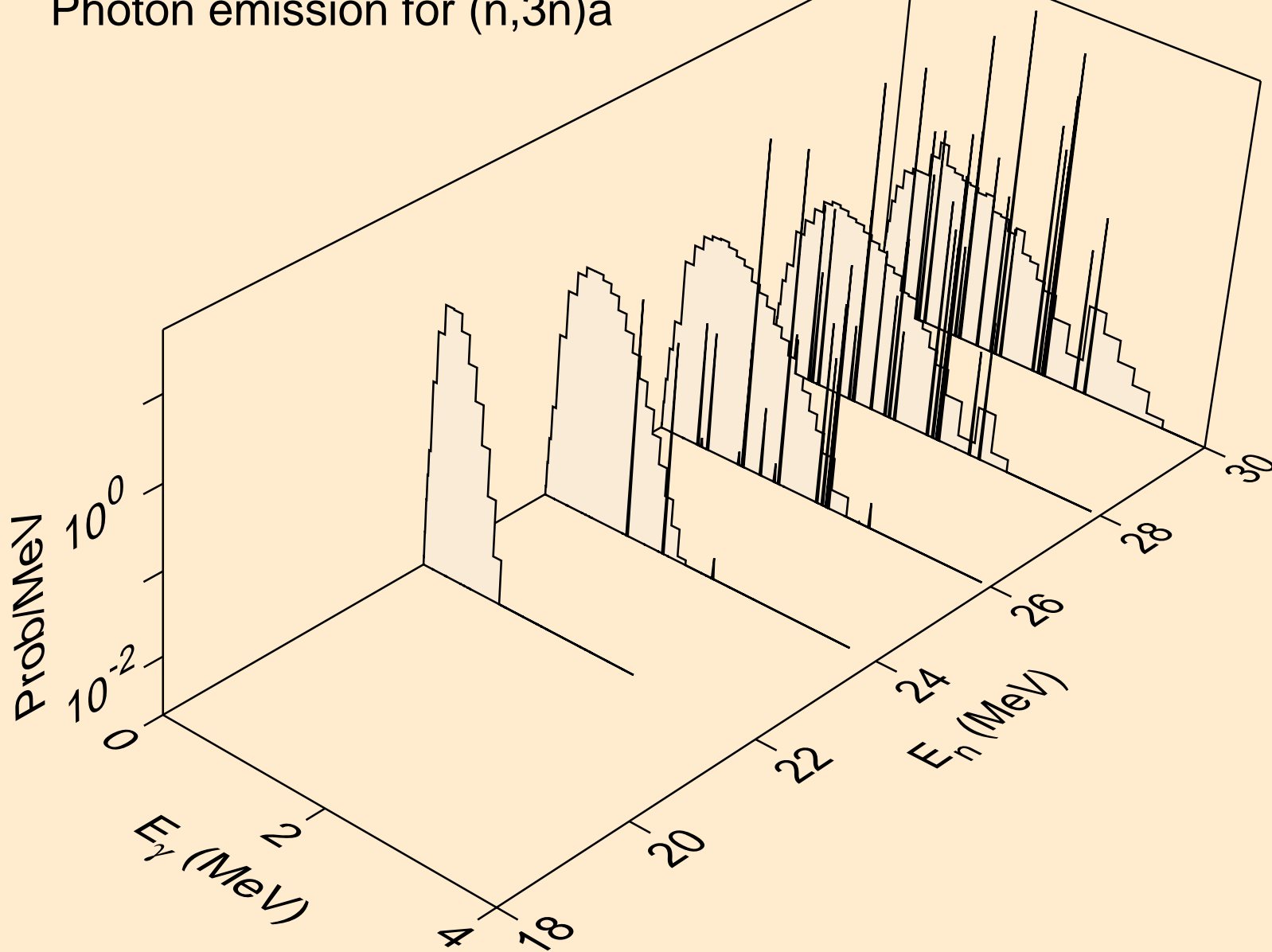
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



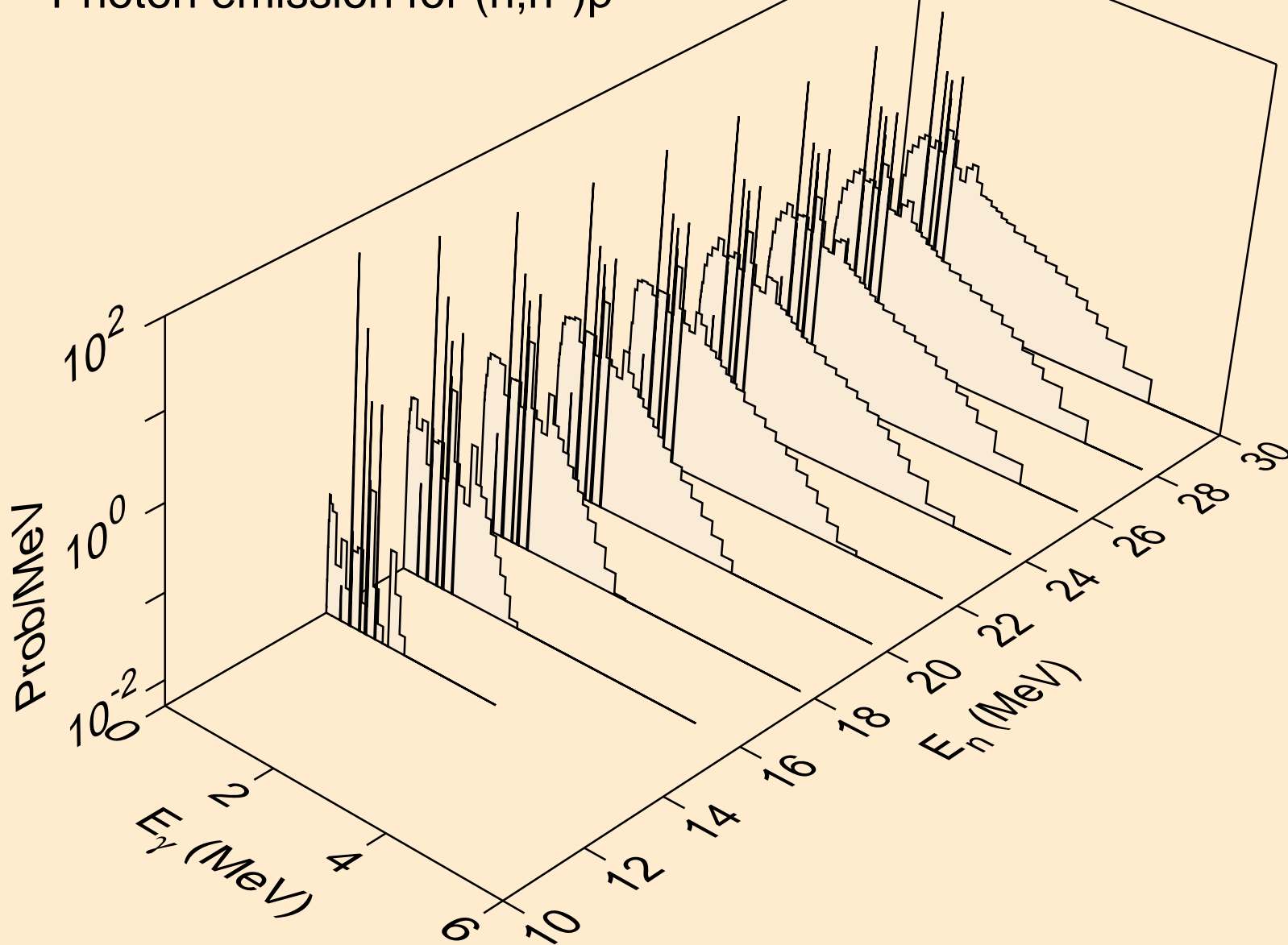
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



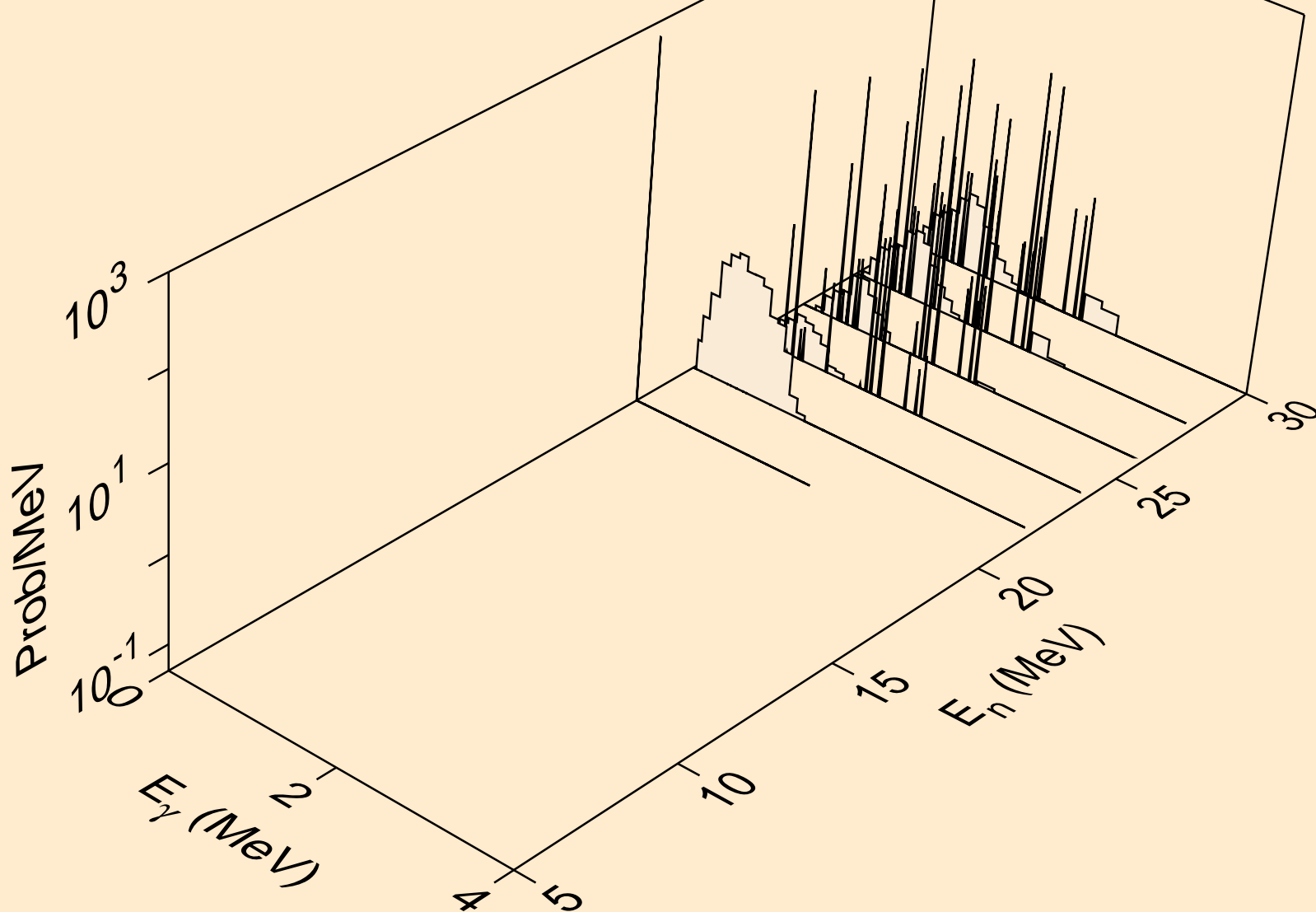
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

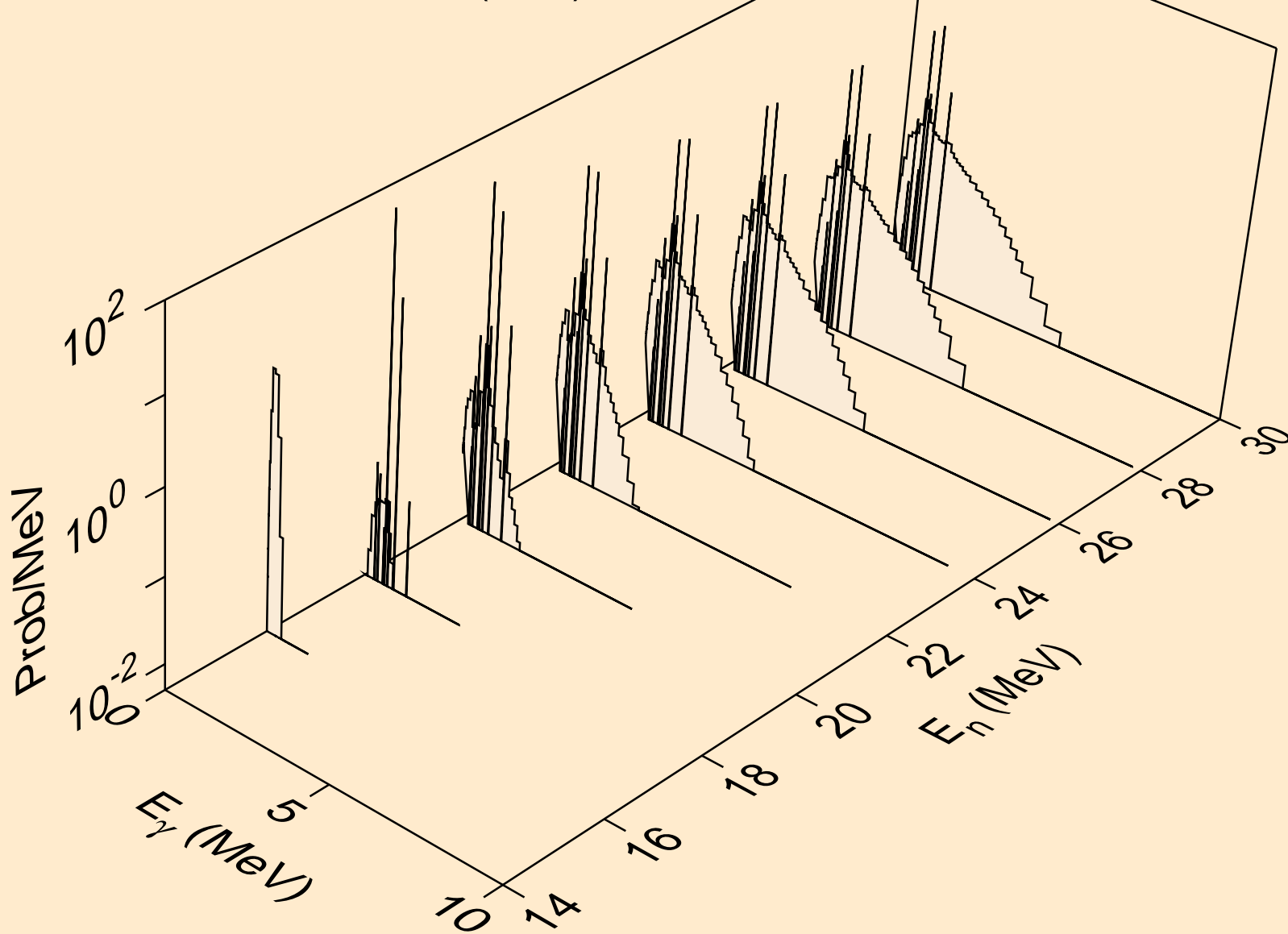


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

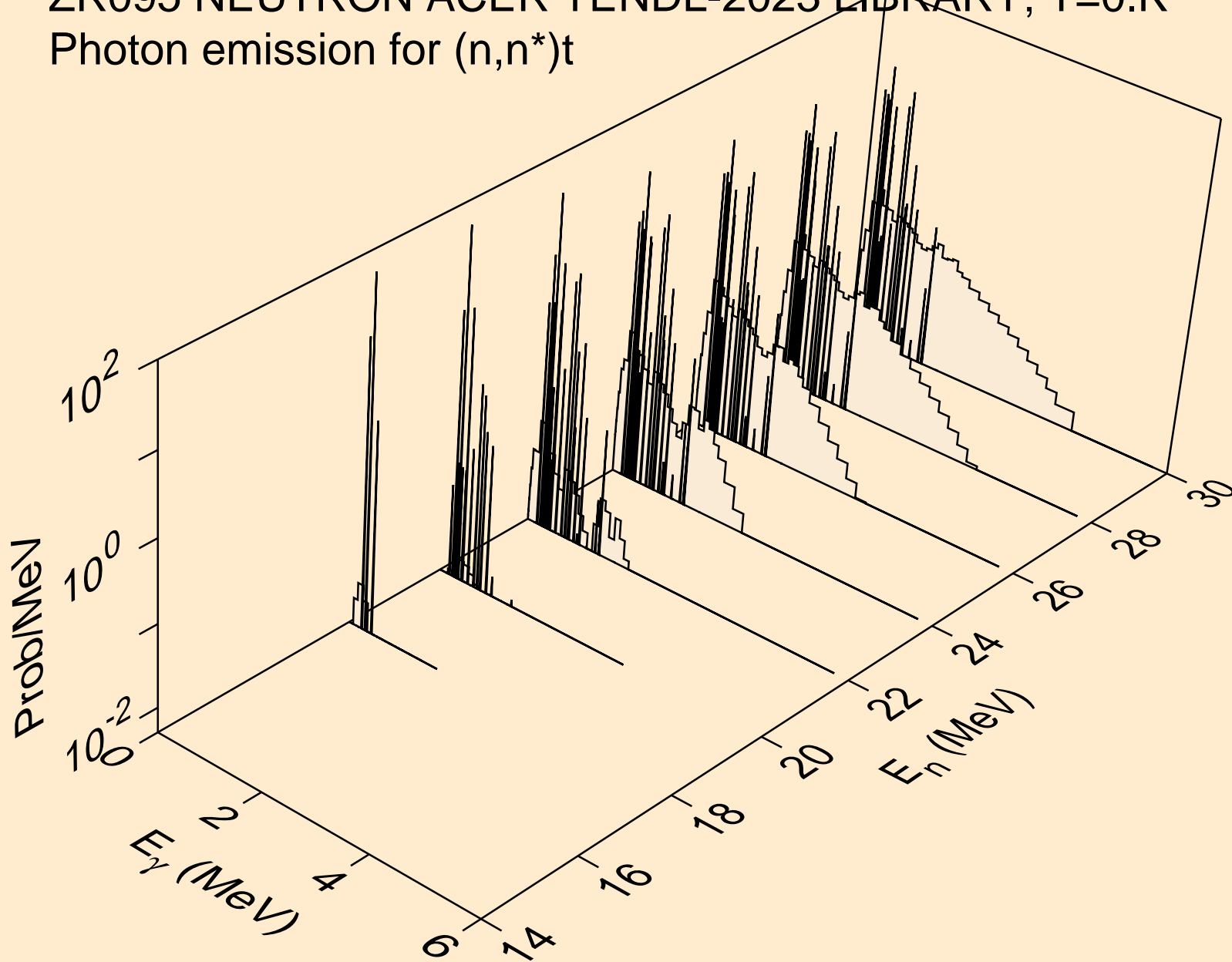




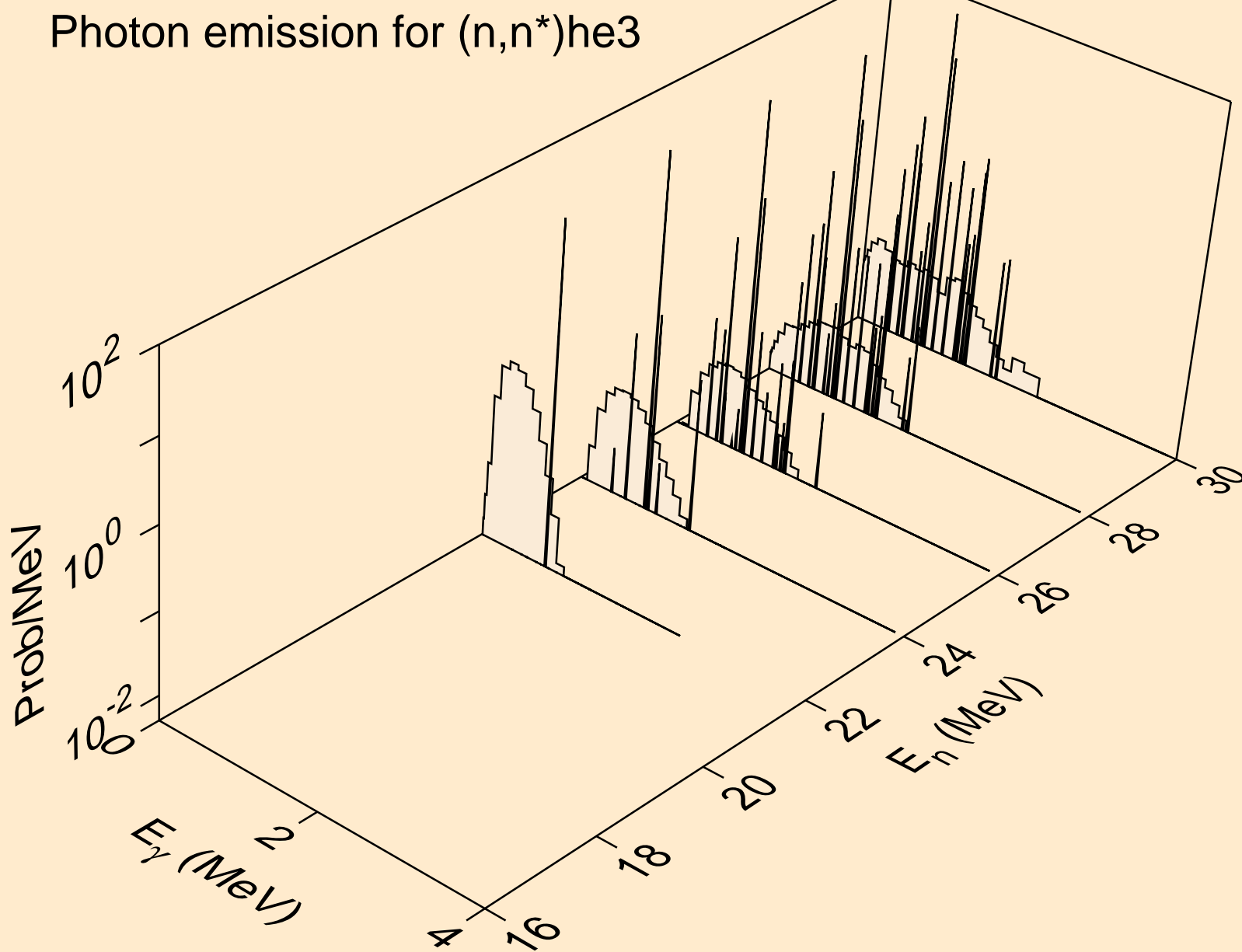
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Photon emission for (n,n\*)d



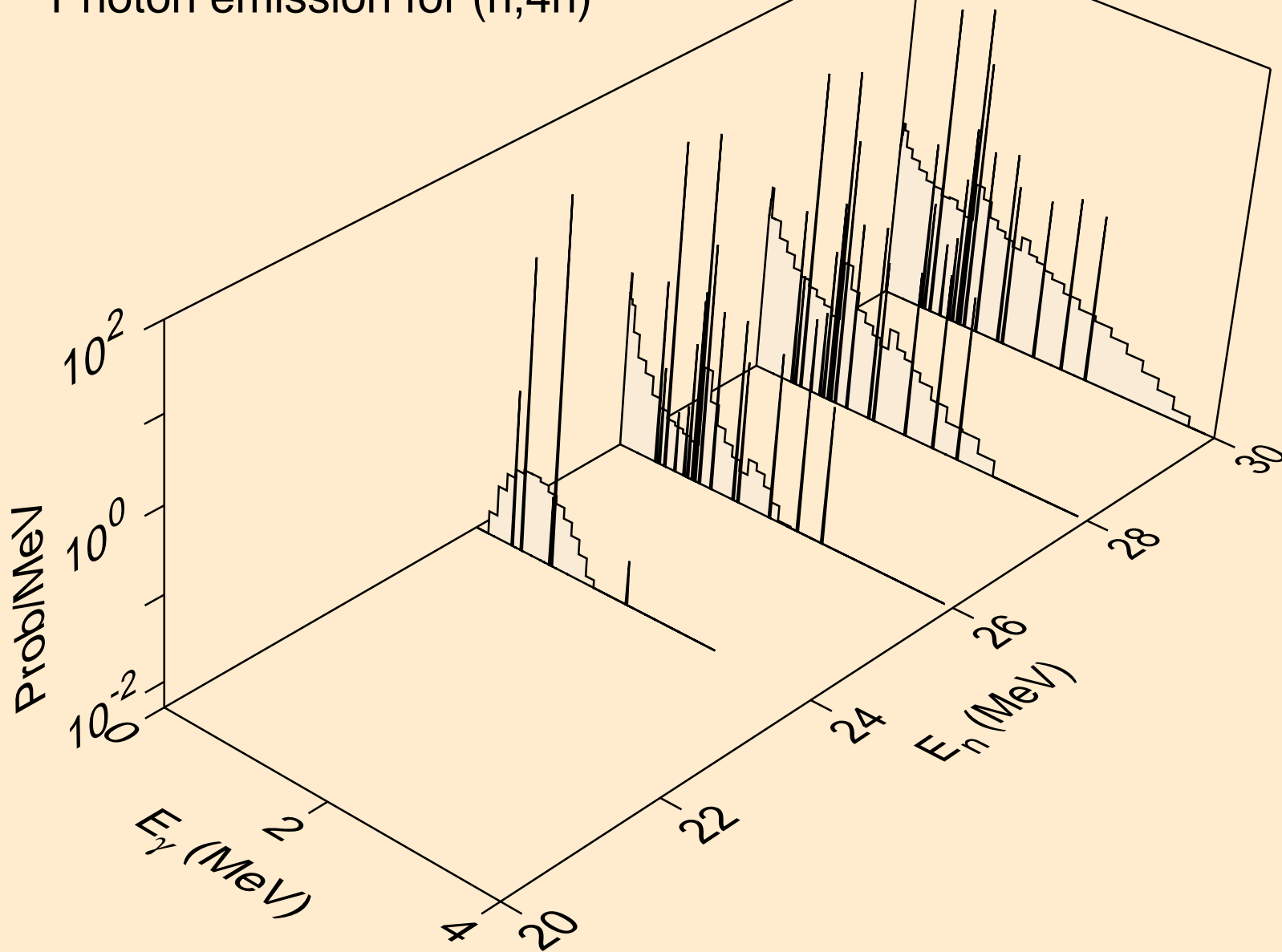
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



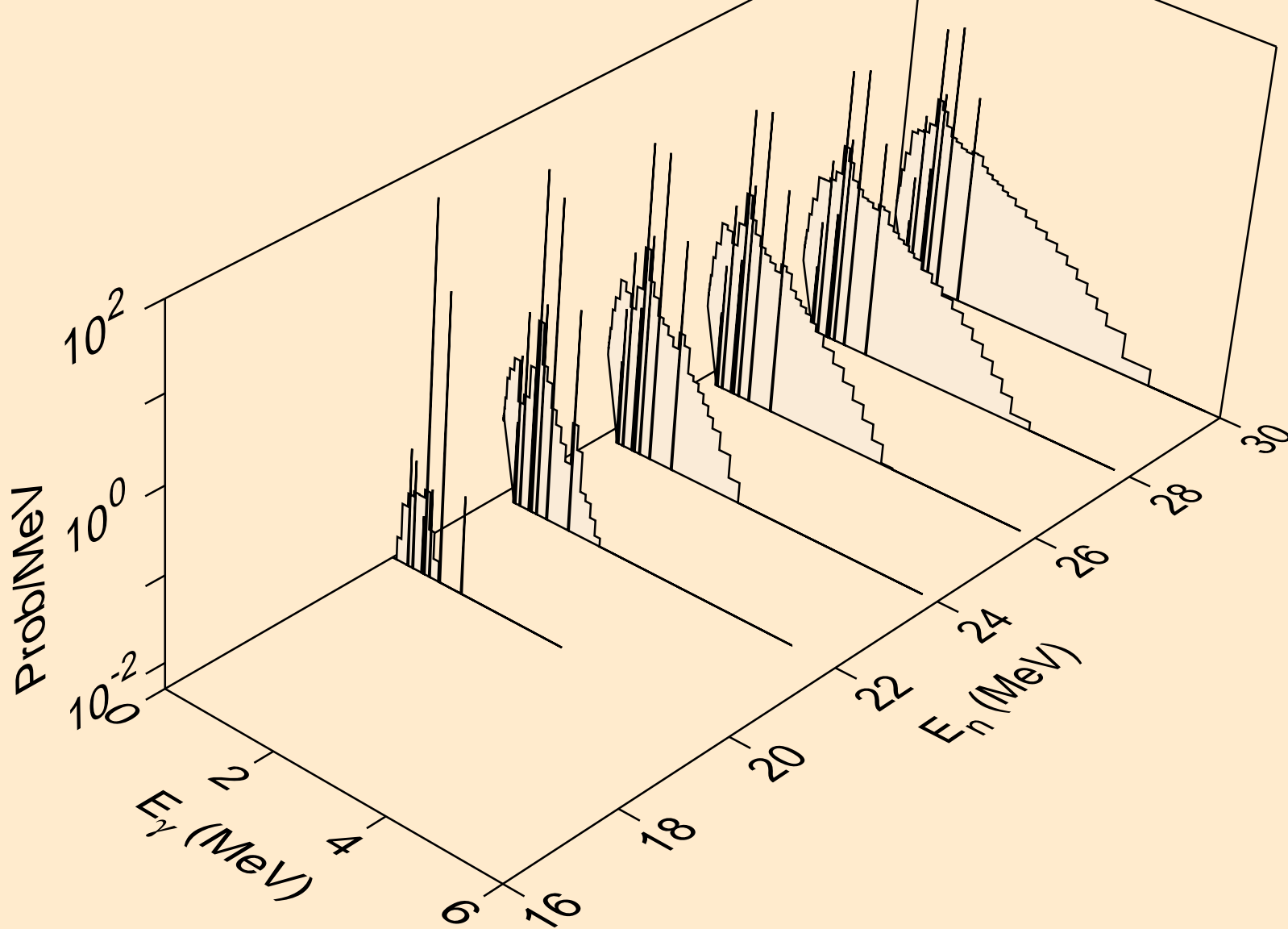
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Photon emission for (n,n\*)he3



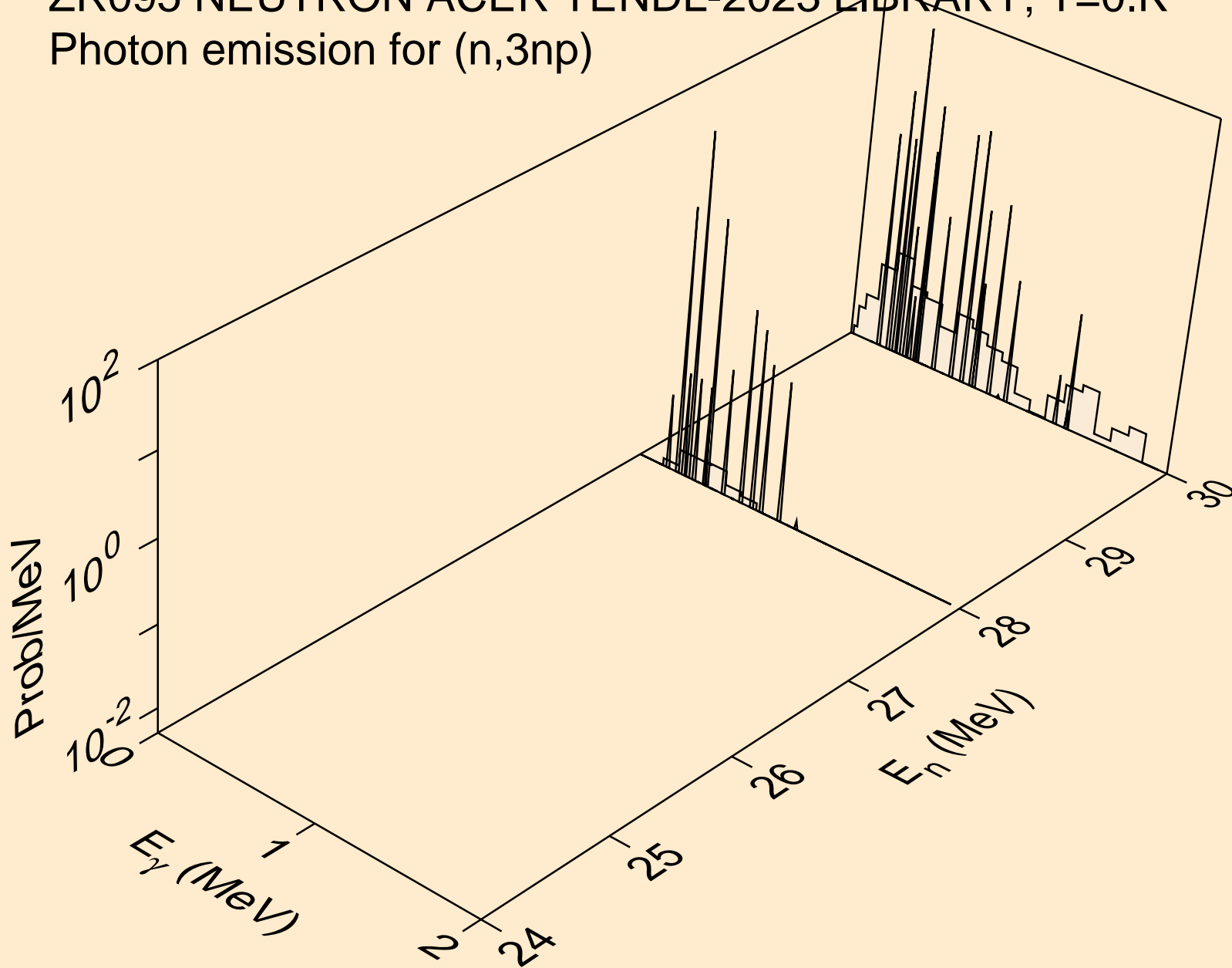
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Photon emission for (n,4n)



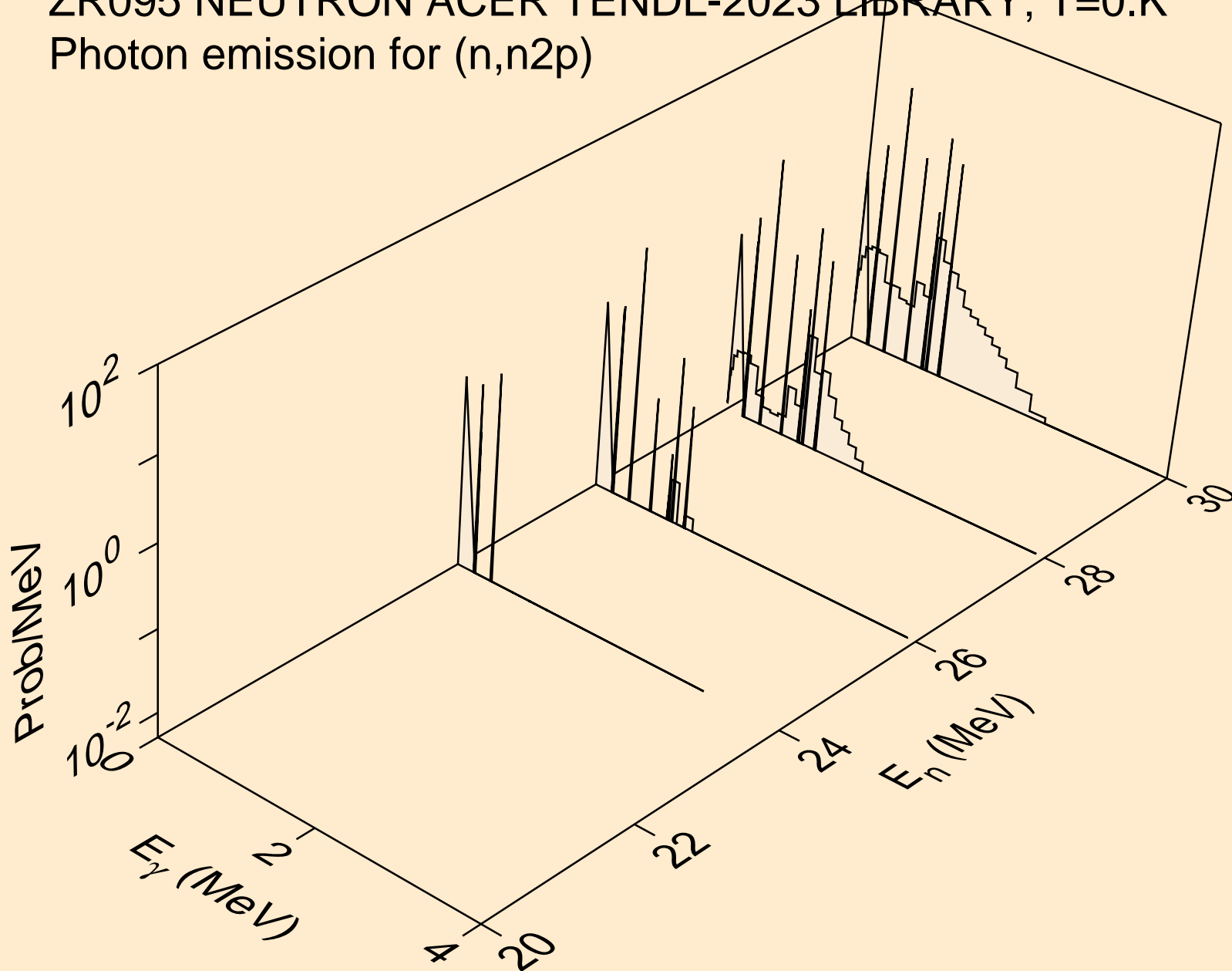
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Photon emission for (n,2np)



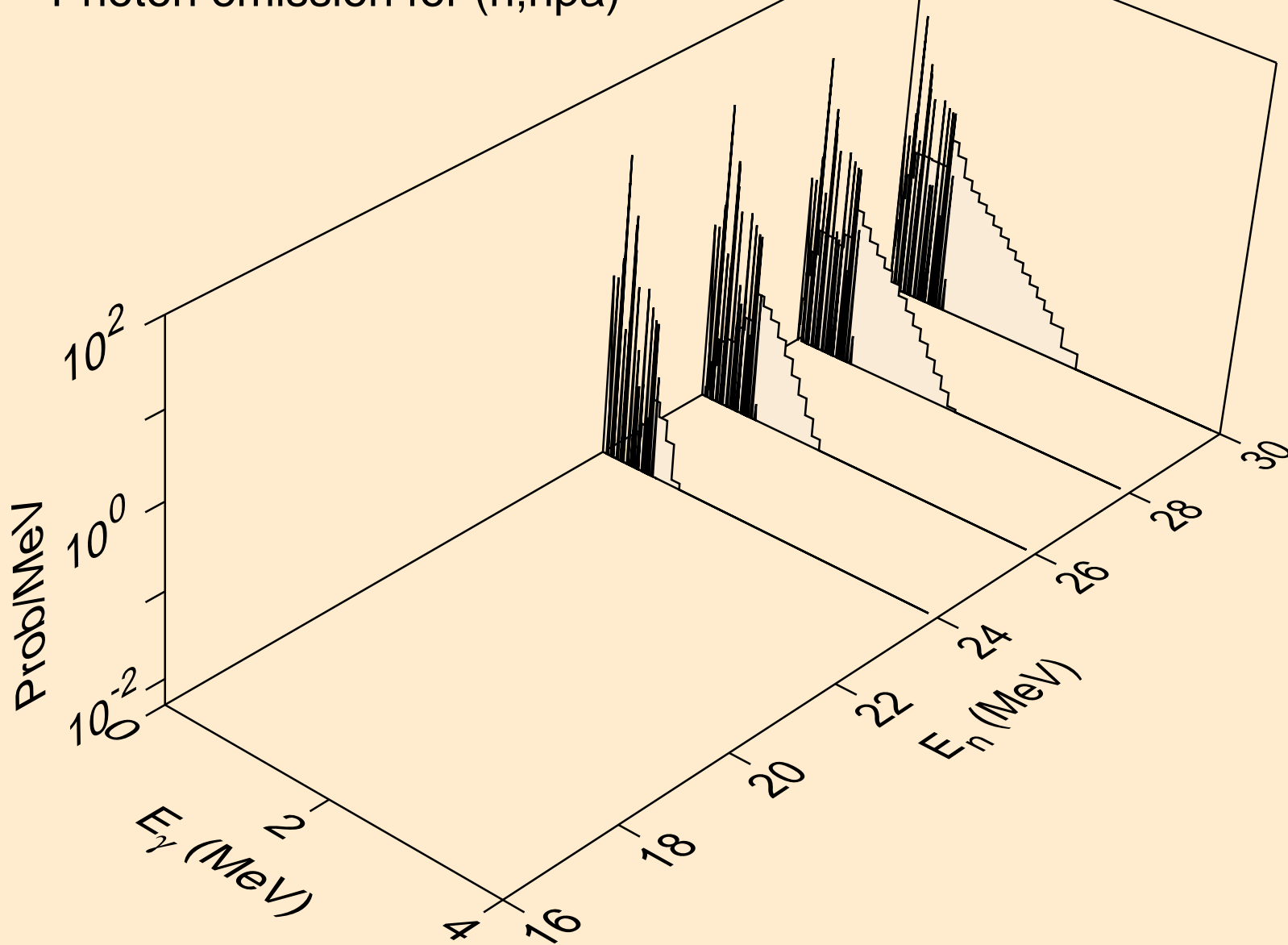
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

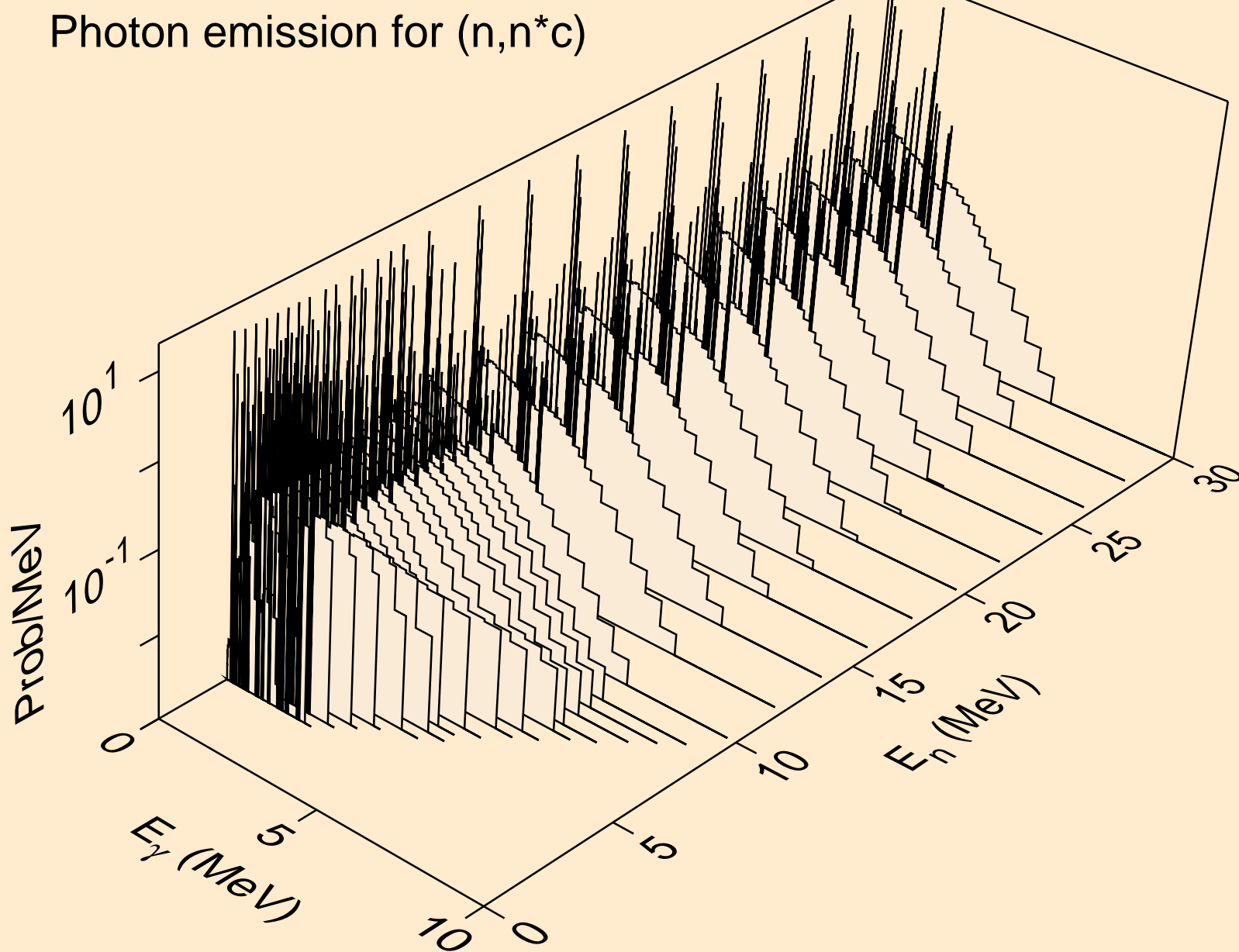


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

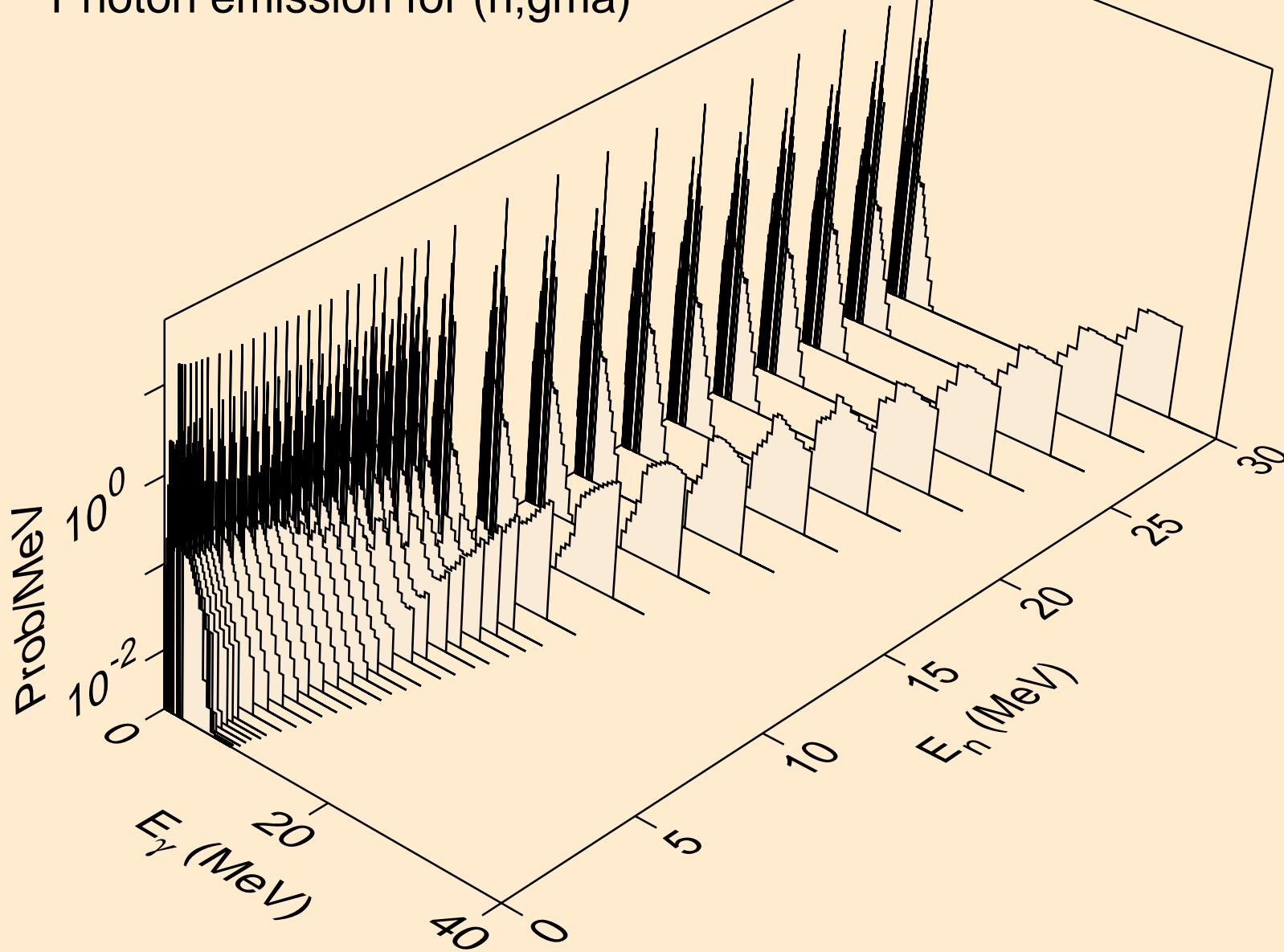




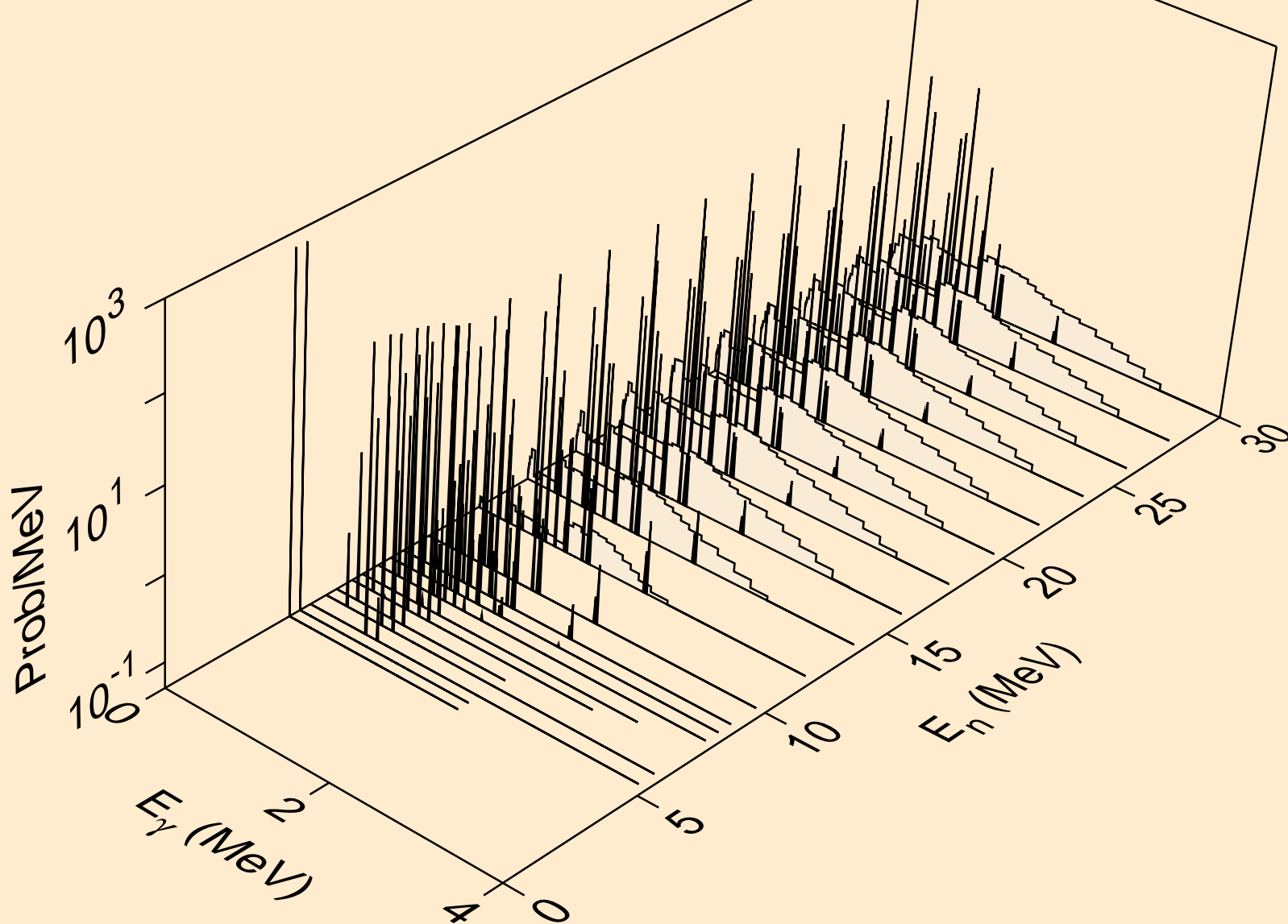
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Photon emission for (n,n\*c)



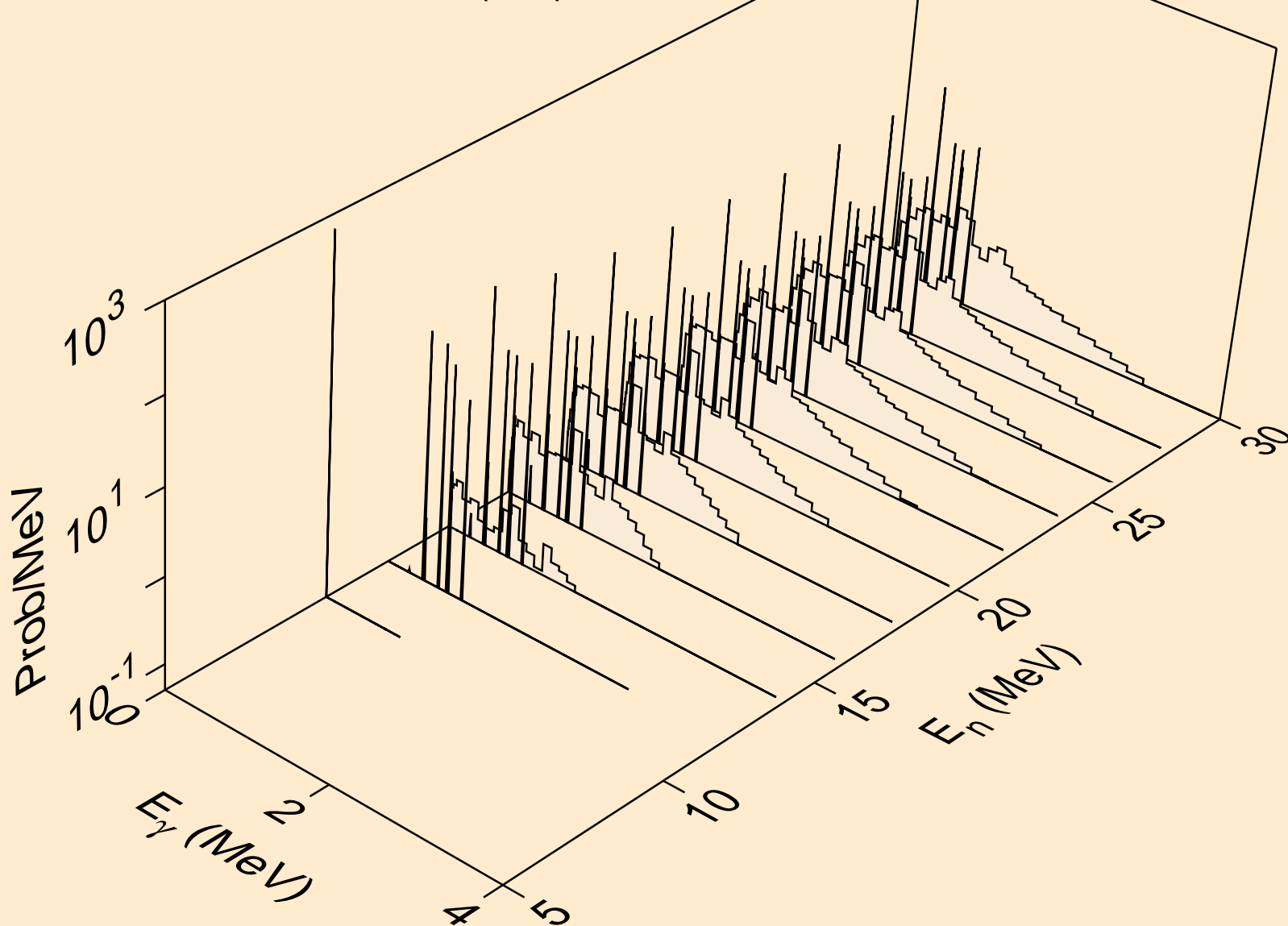
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Photon emission for (n,gma)



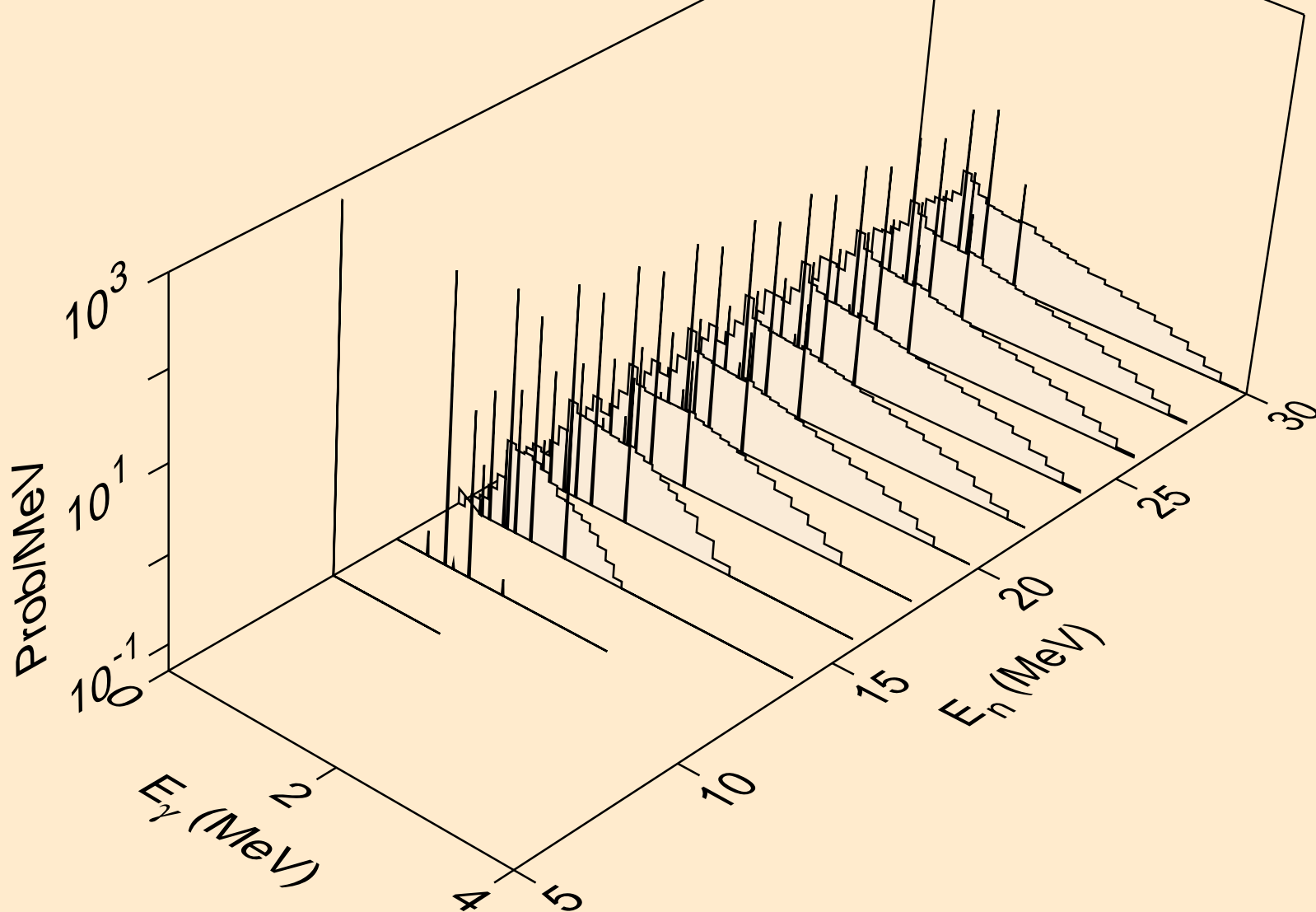
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Photon emission for (n,p)



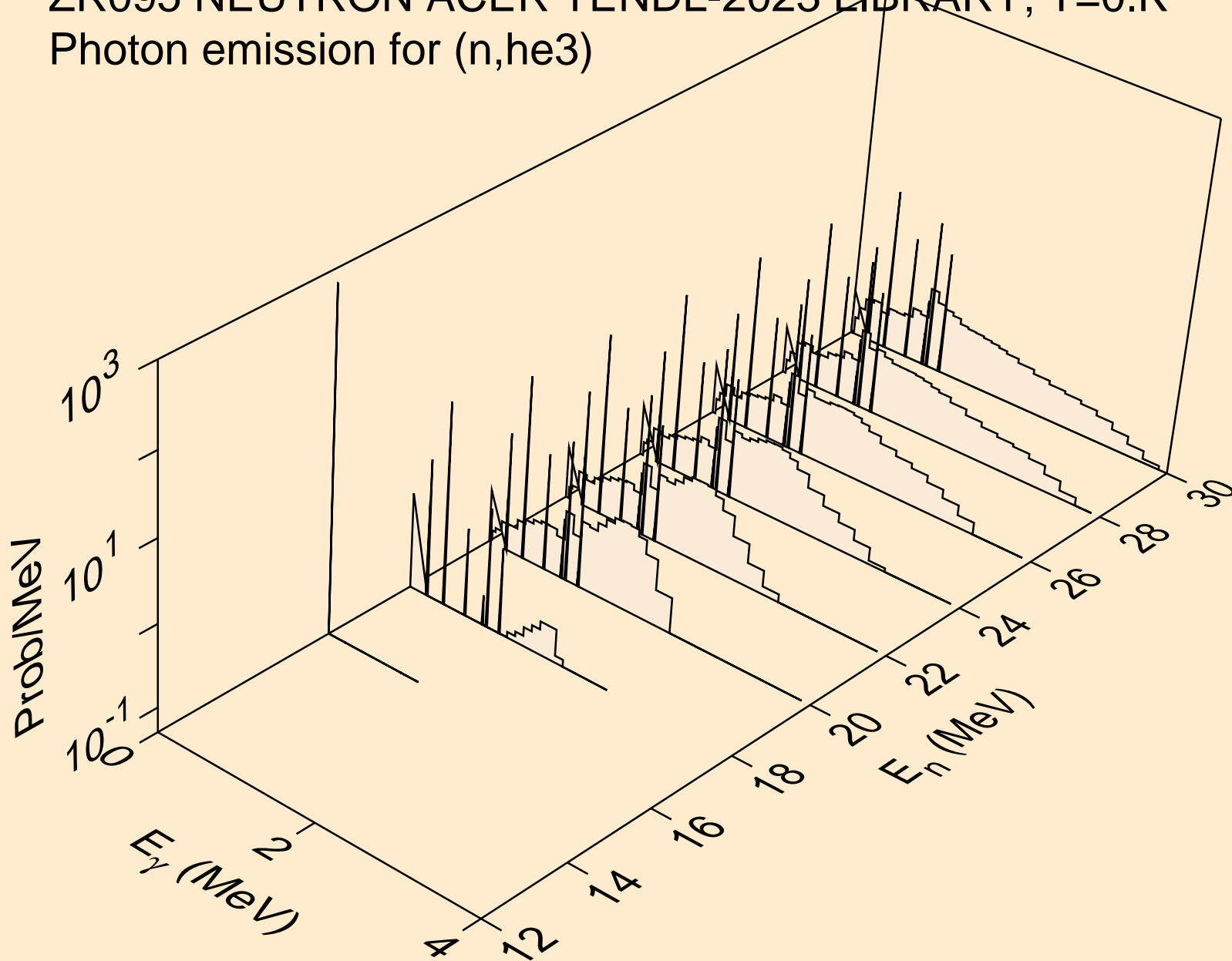
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Photon emission for (n,d)



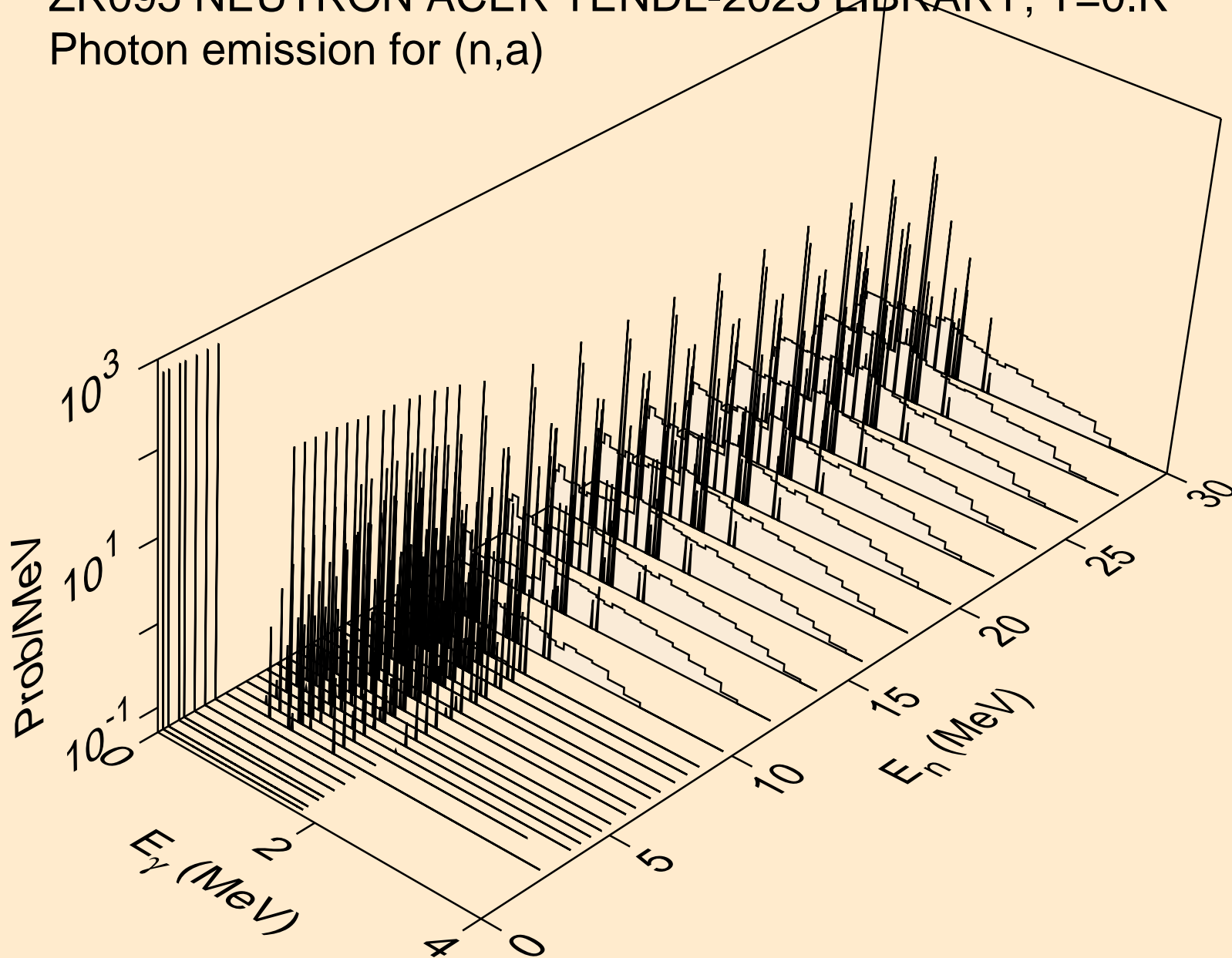
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Photon emission for (n,t)



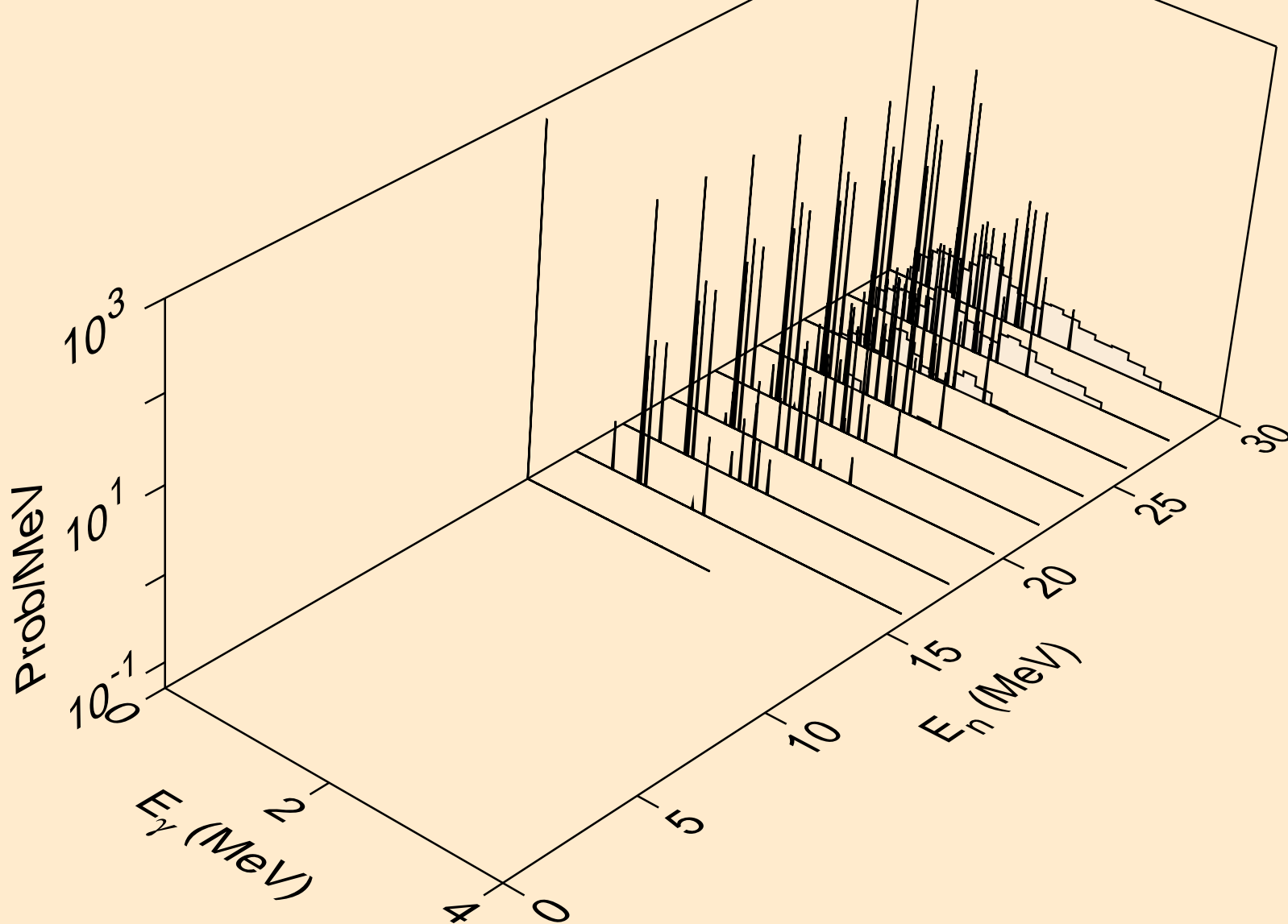
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

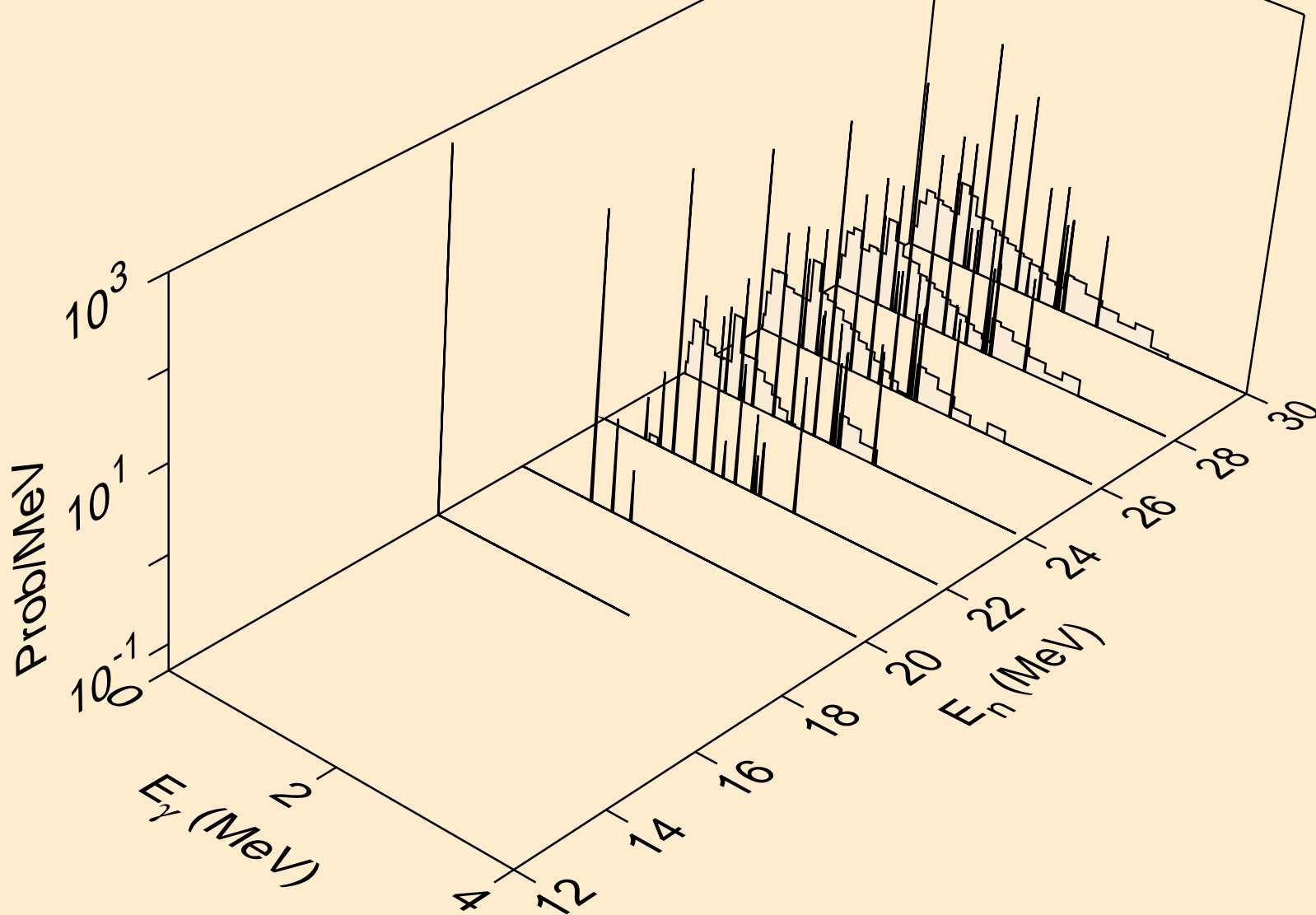


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Photon emission for (n,2a)

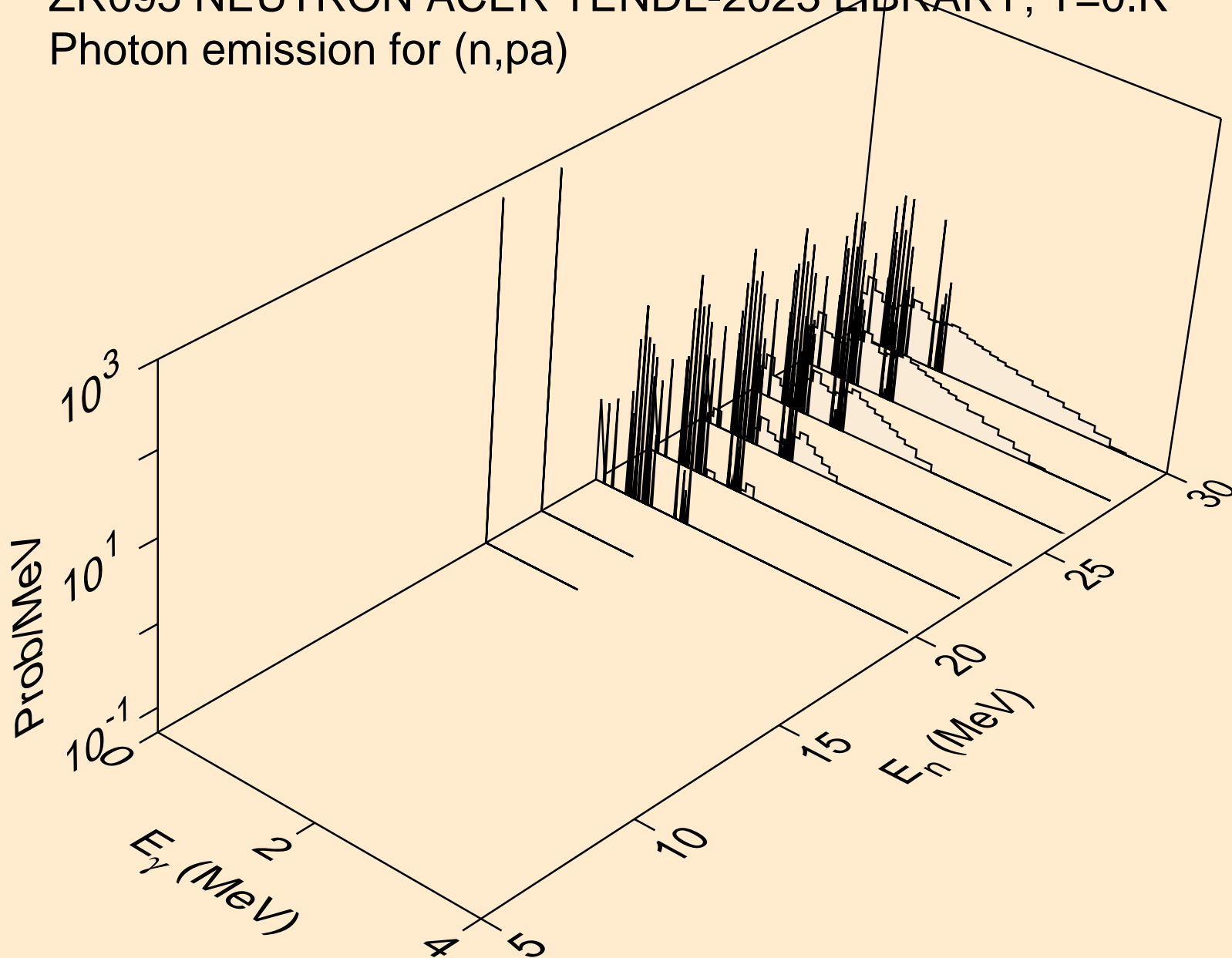




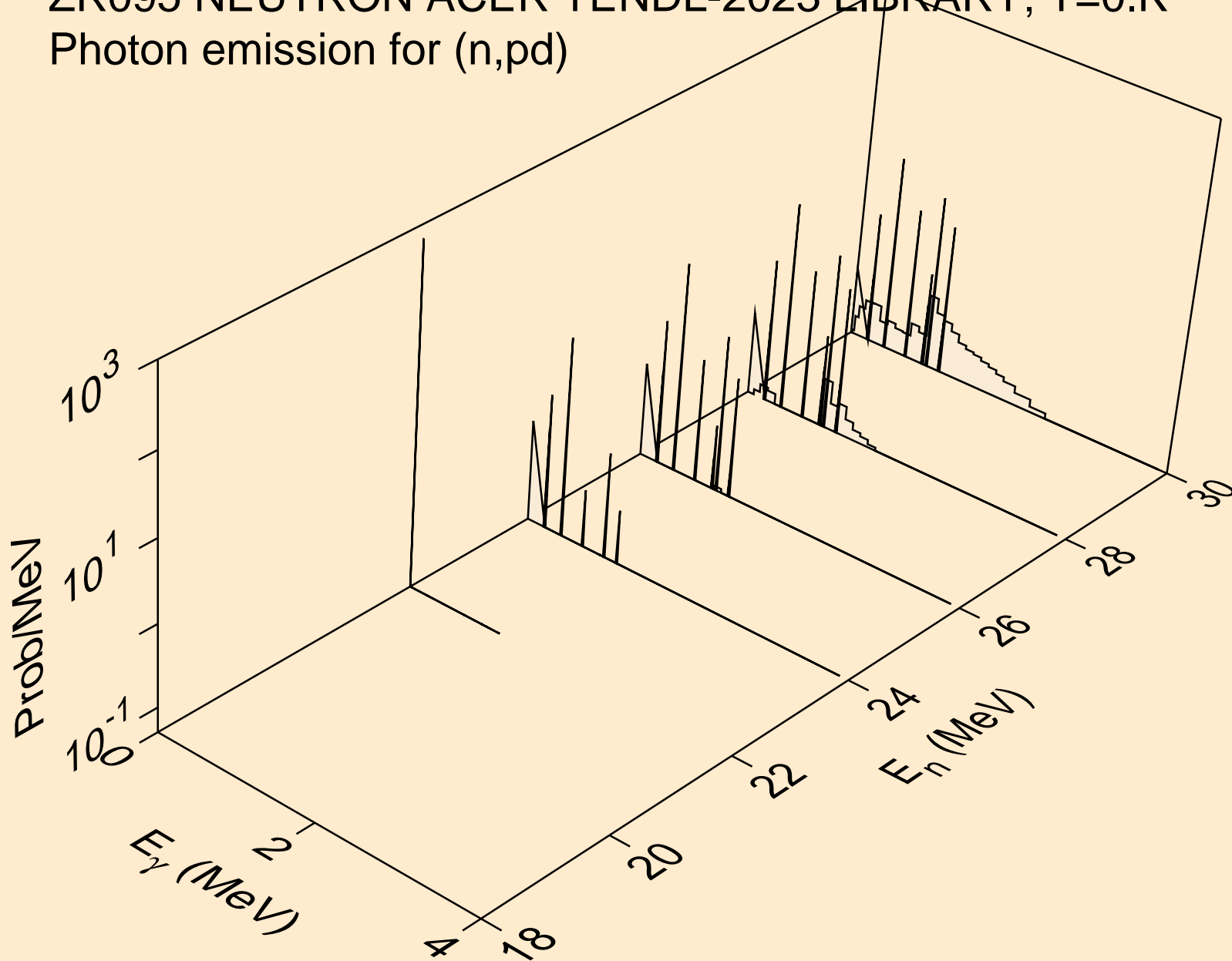
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Photon emission for (n,2p)



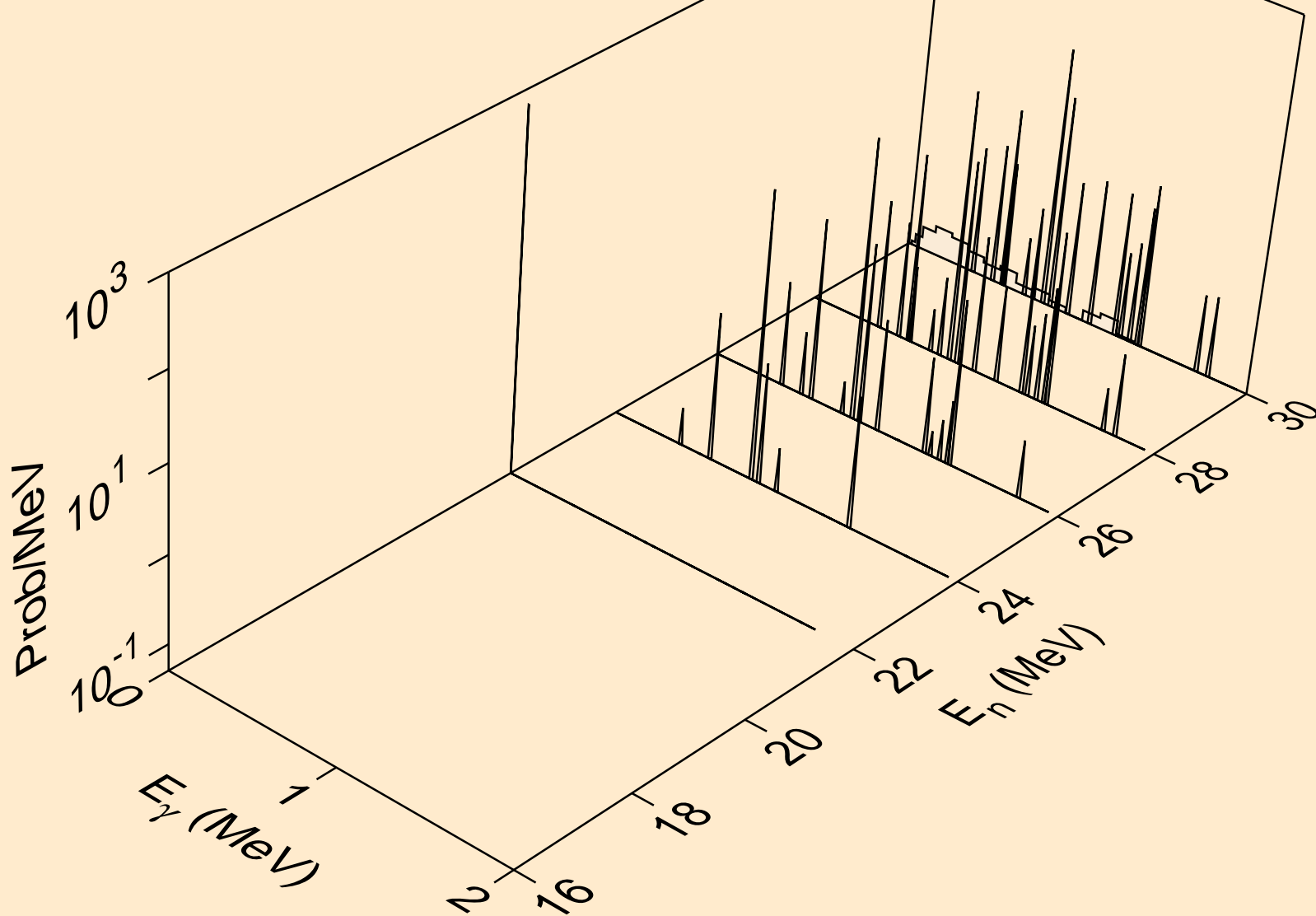
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Photon emission for (n,pa)



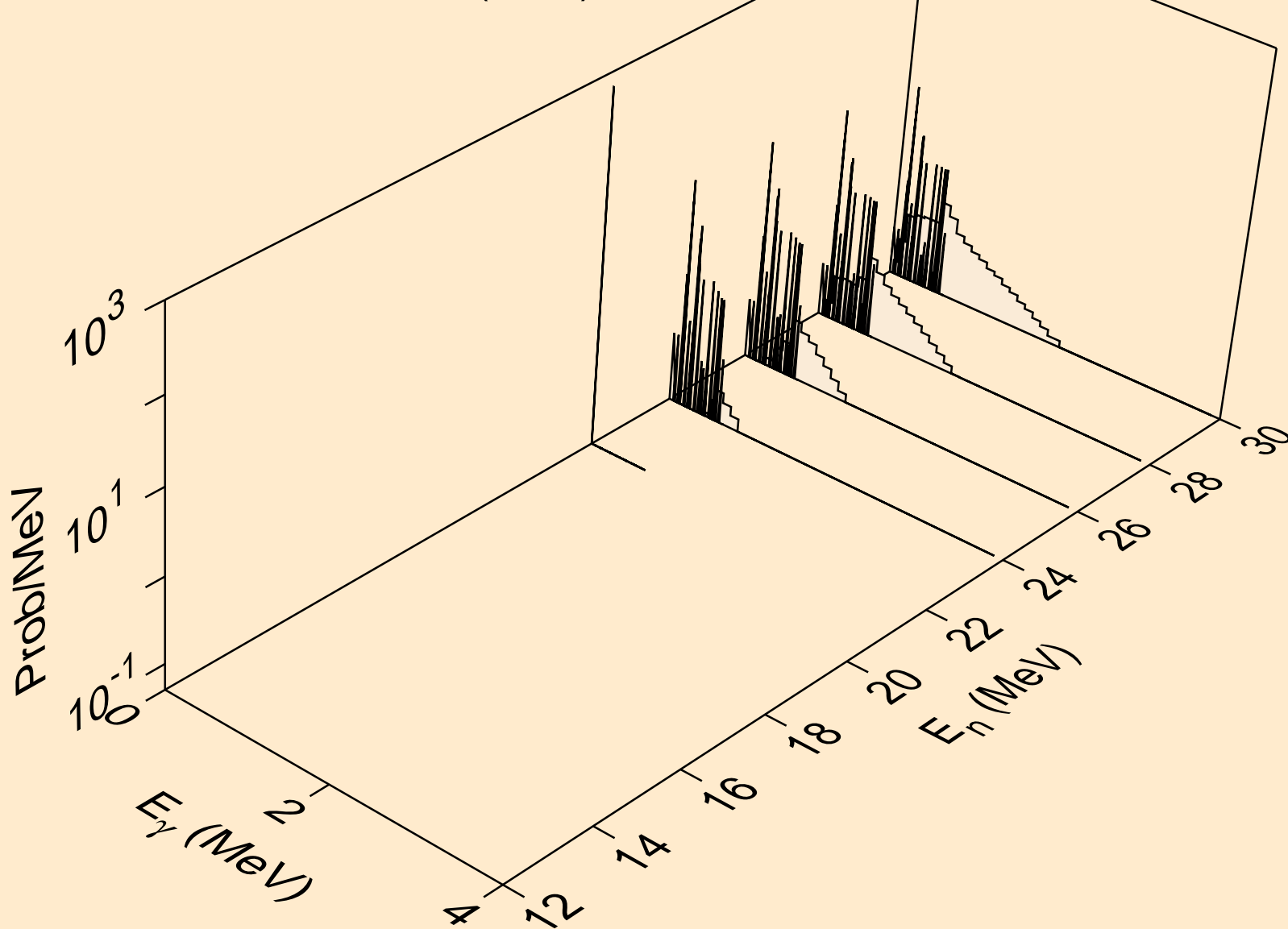
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



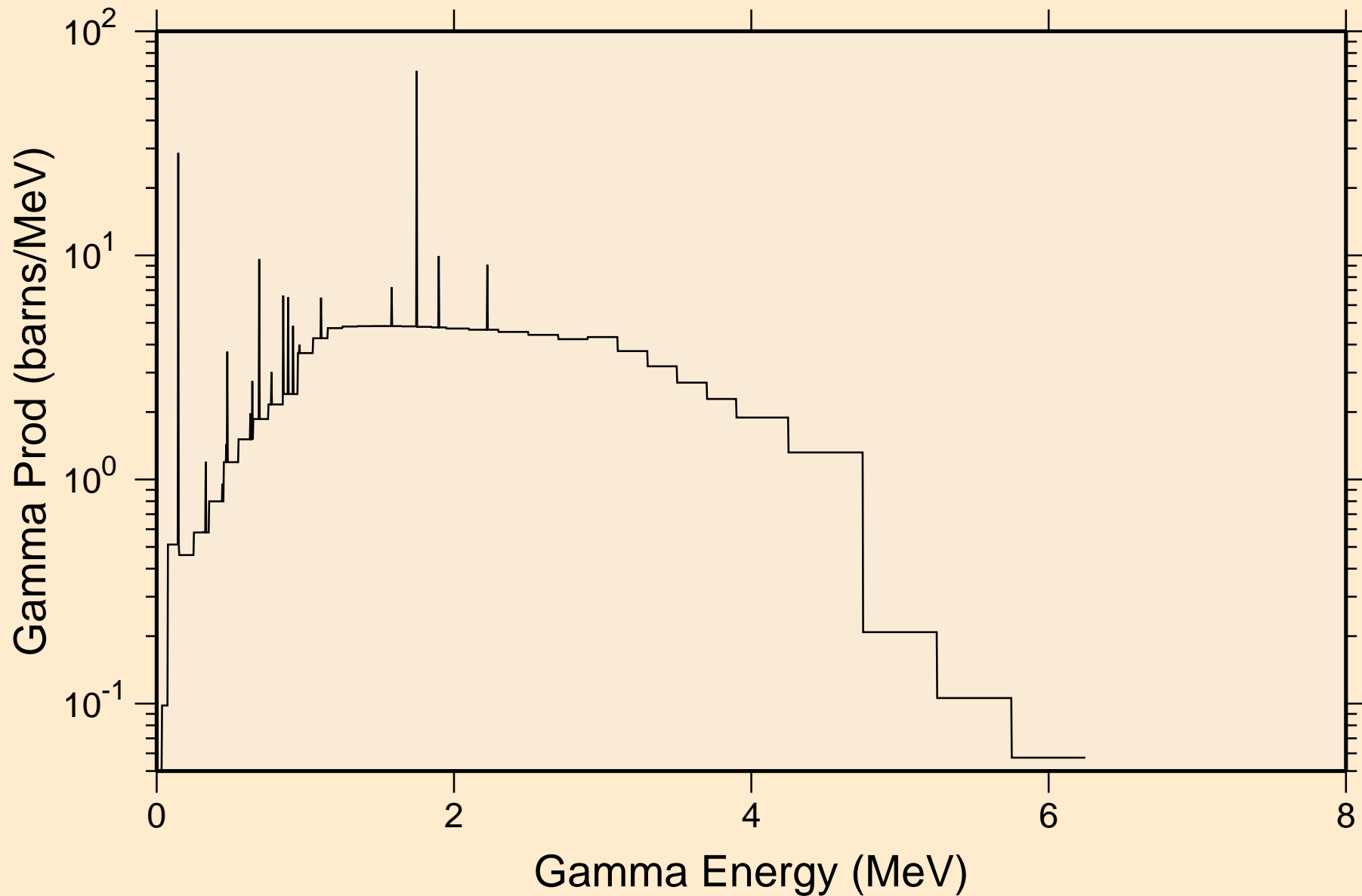
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Photon emission for (n,pt)



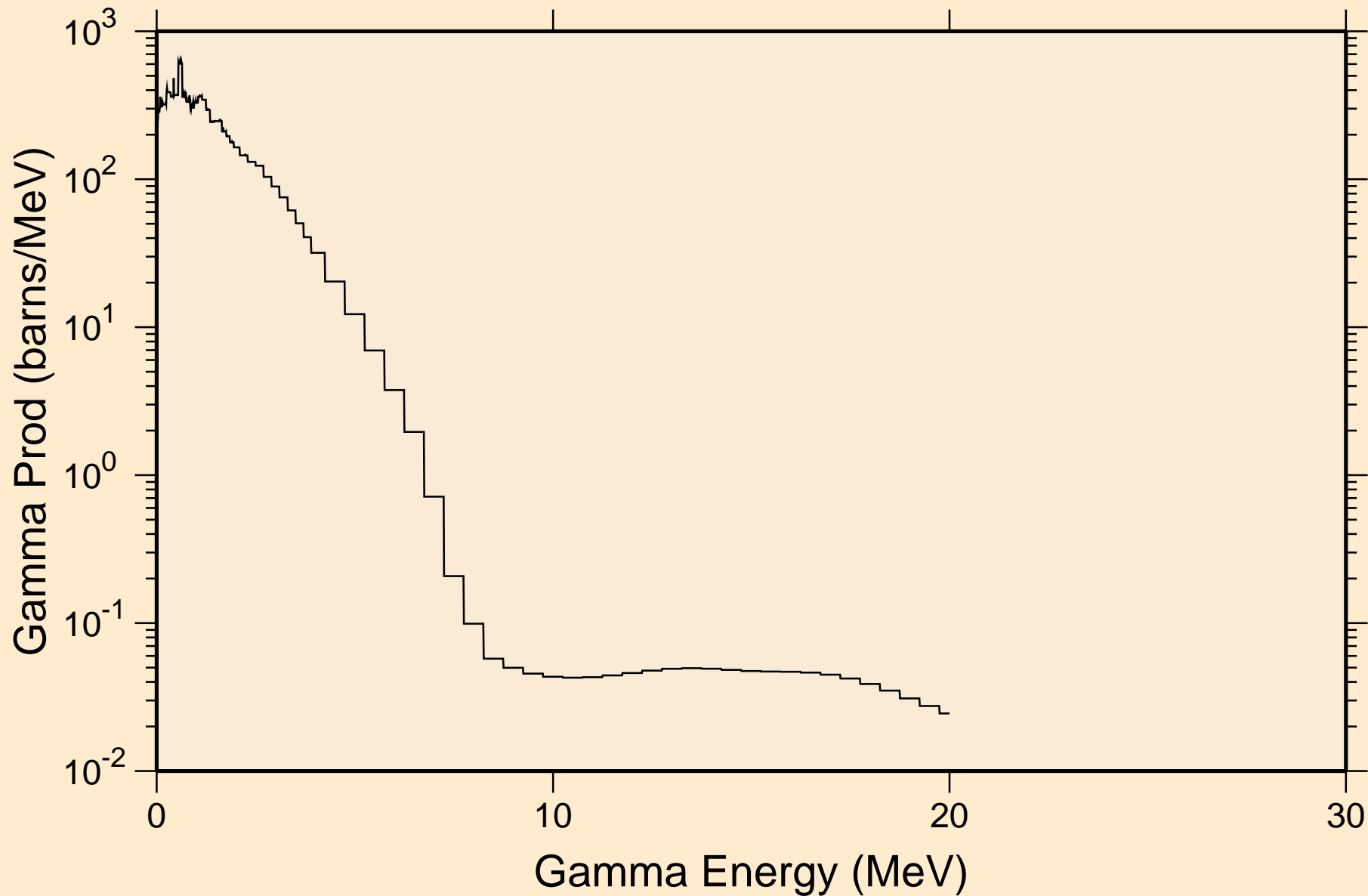
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

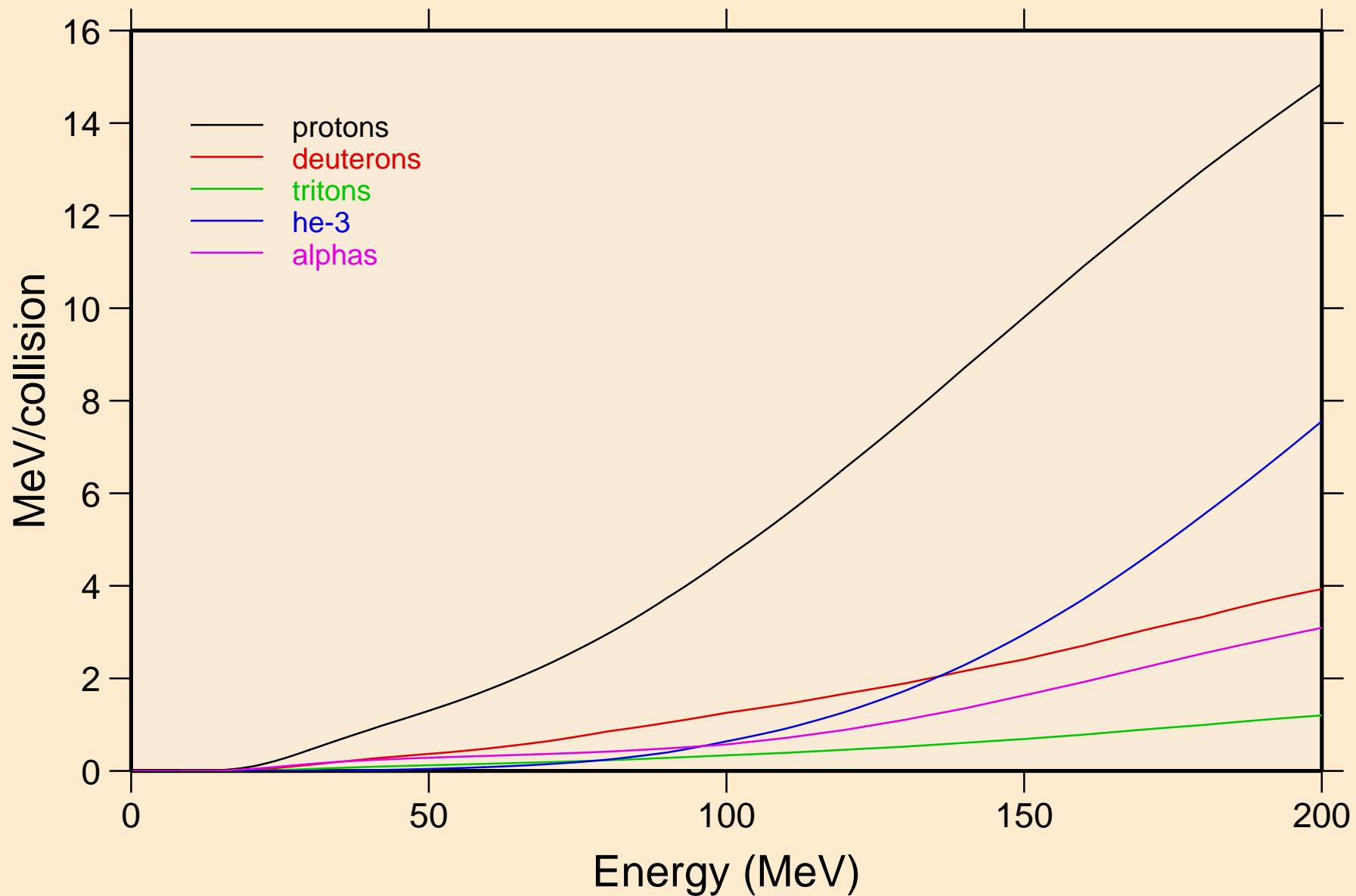


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



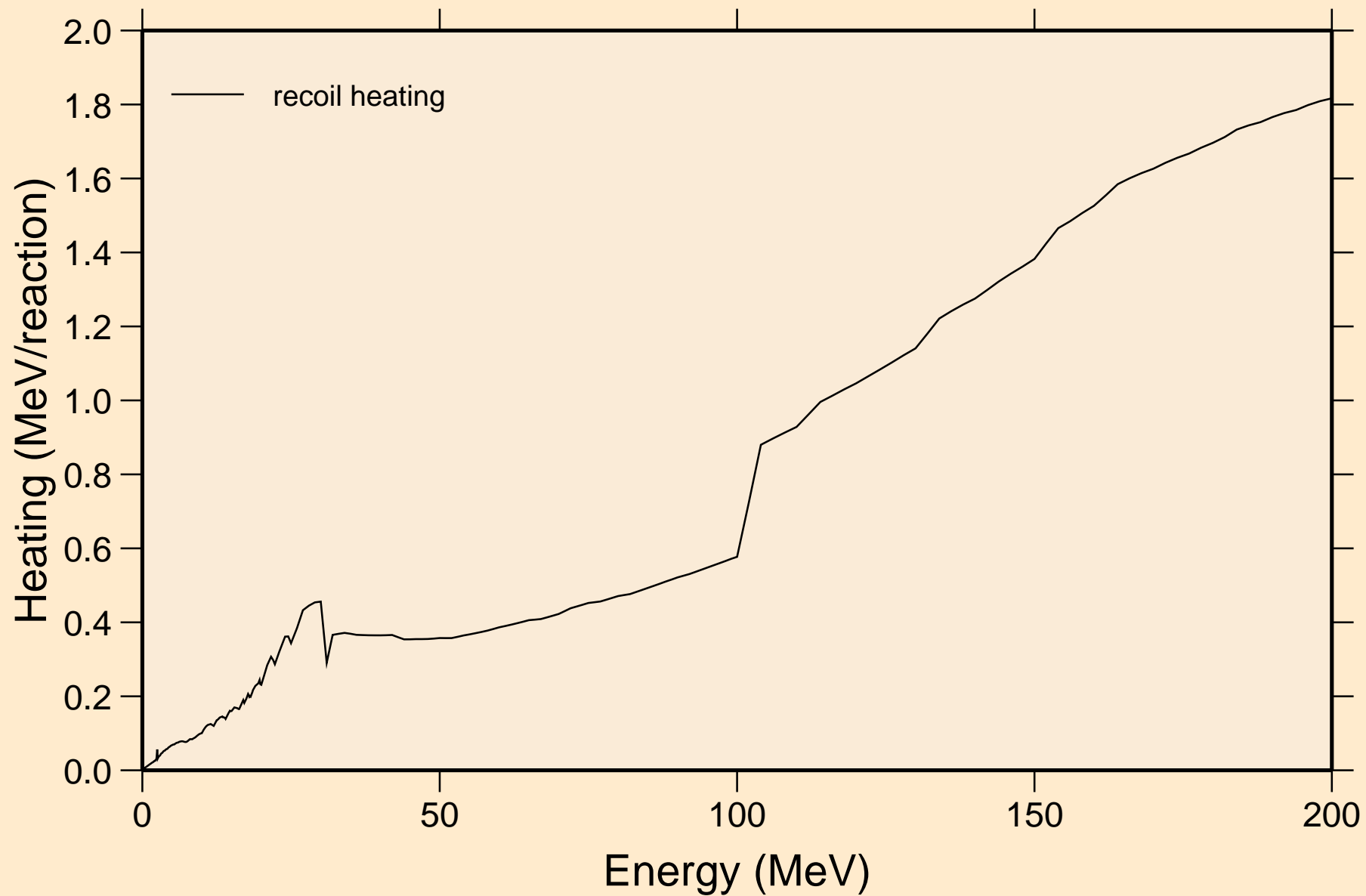
# ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



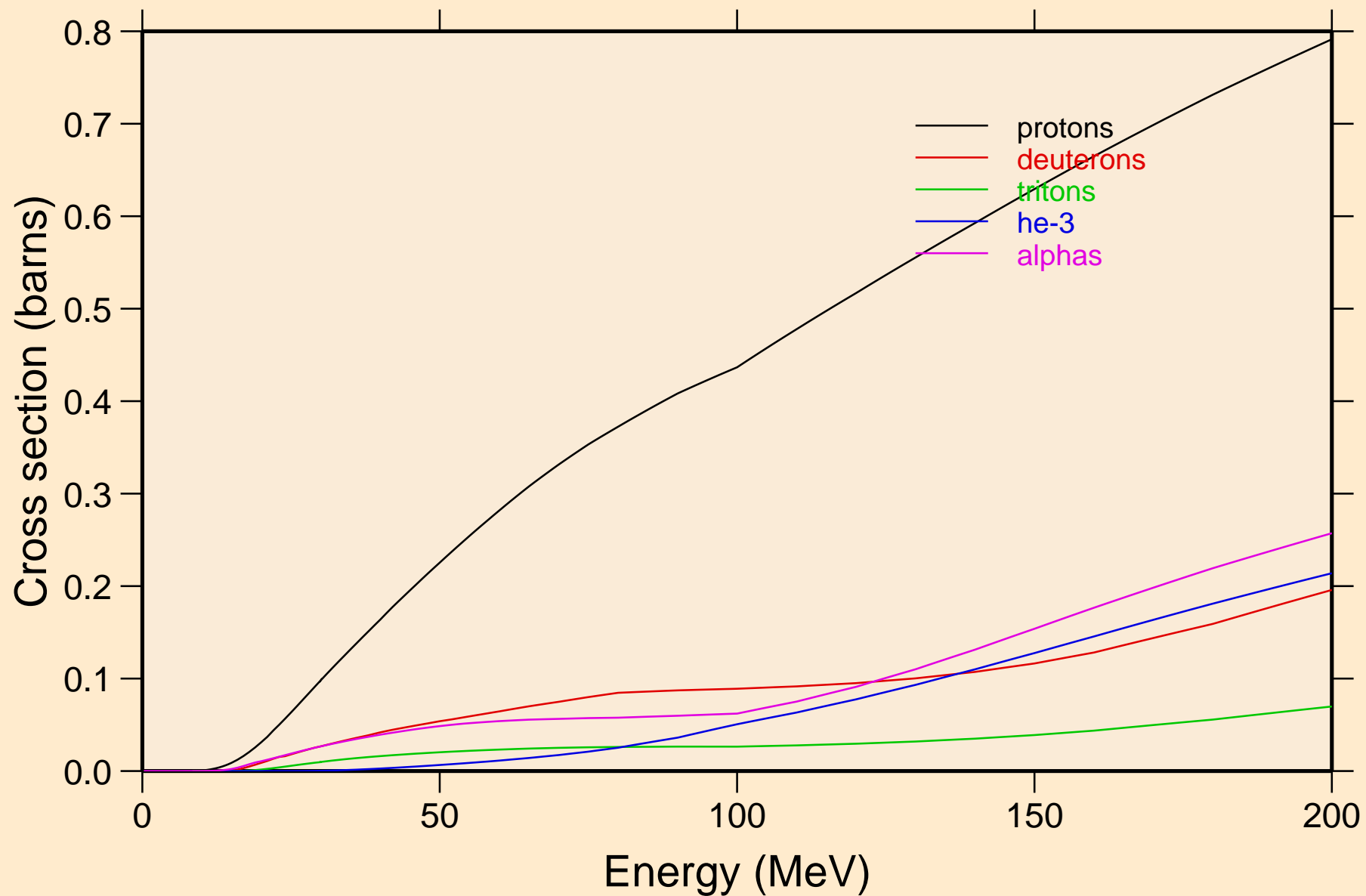


ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

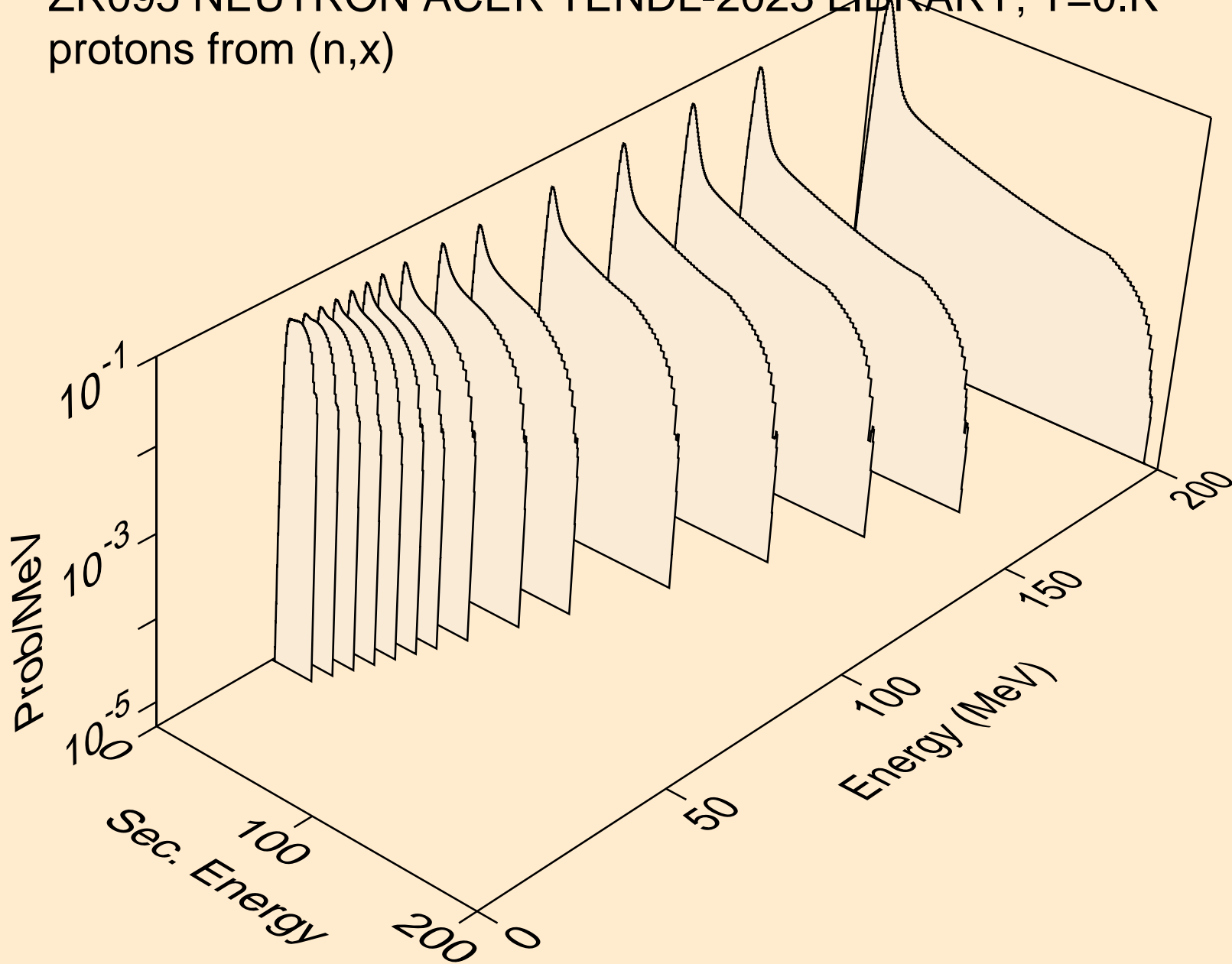


# ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

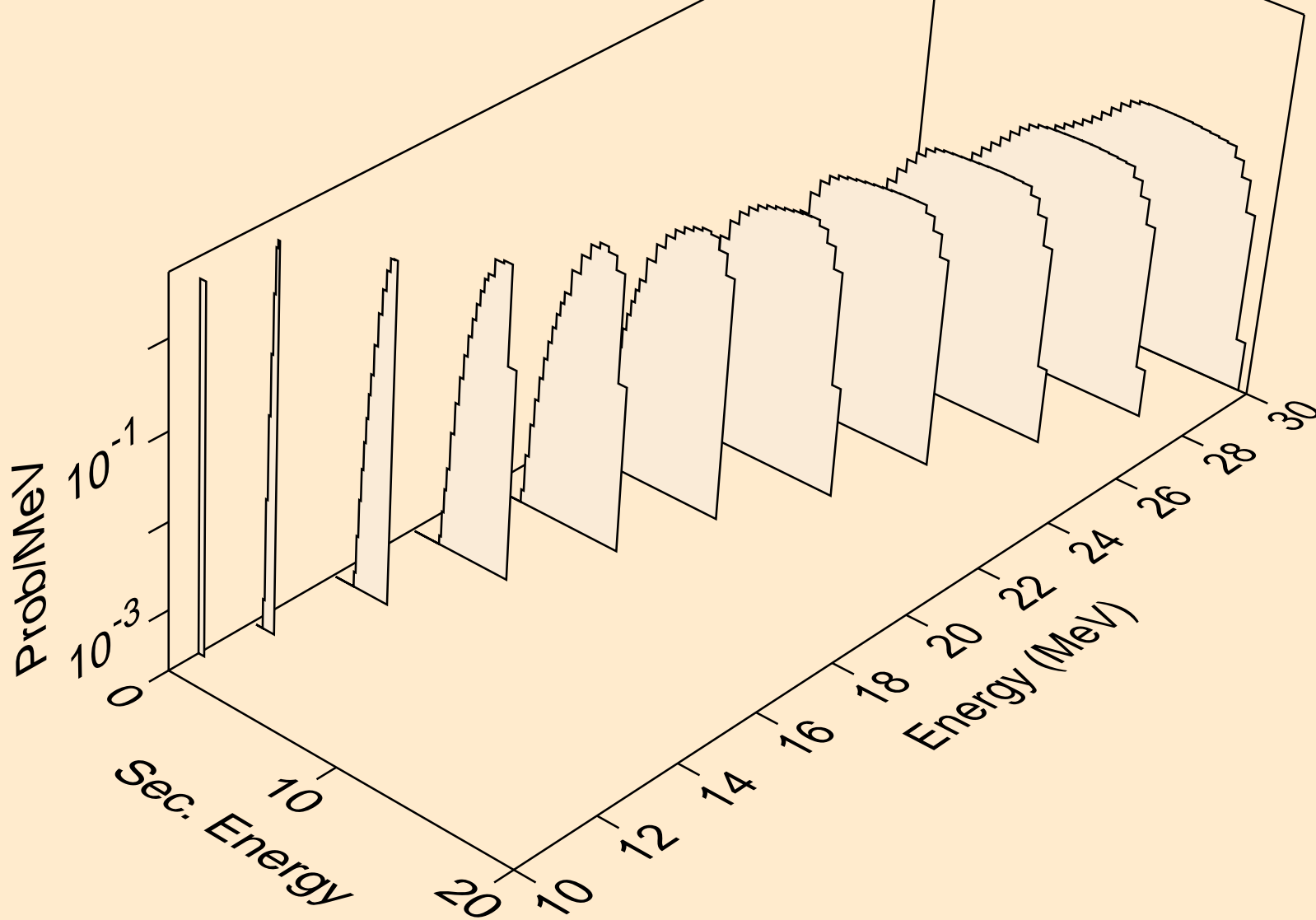
## Particle production cross sections



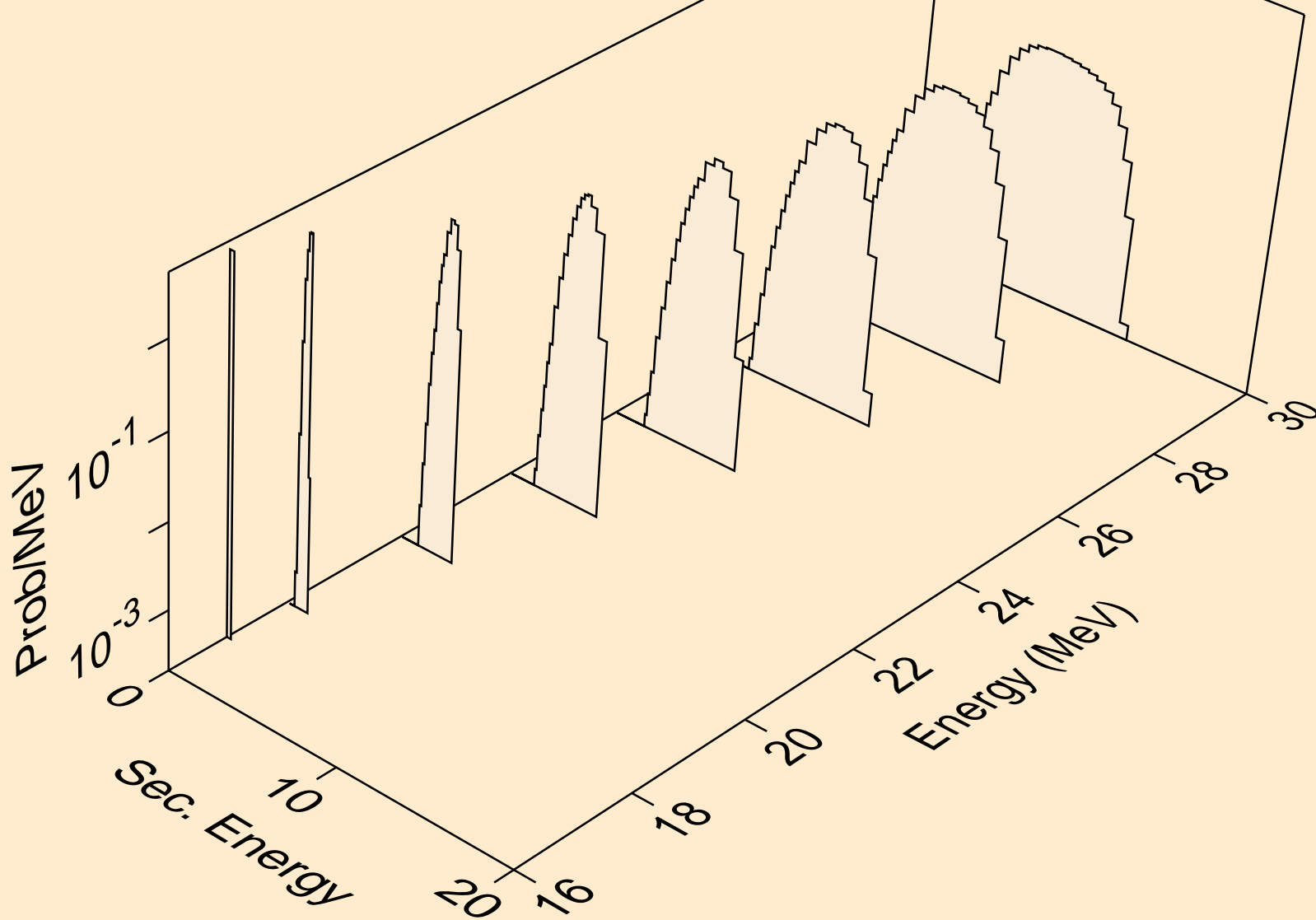
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protons from (n,x)



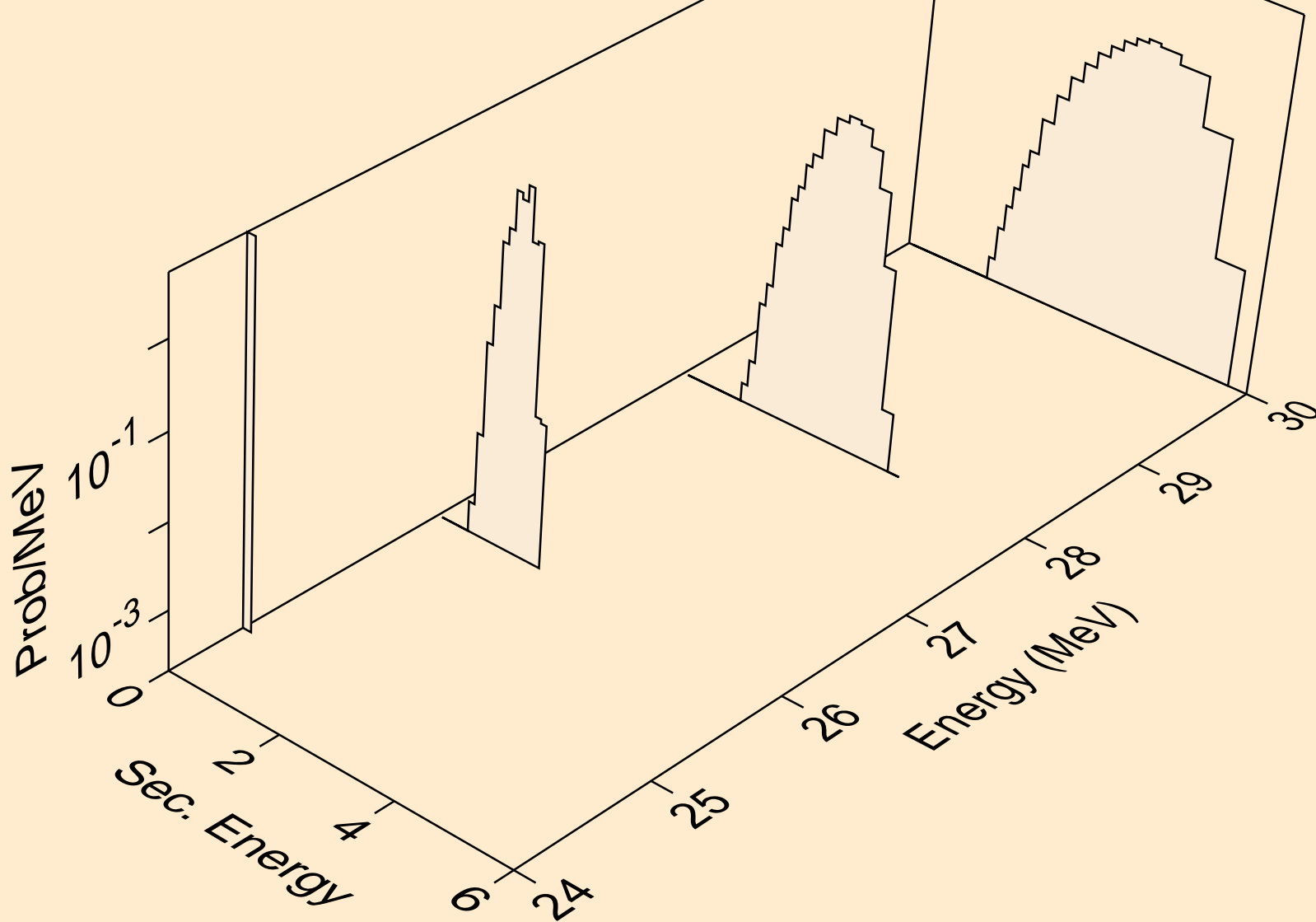
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protons from (n,n\*)p



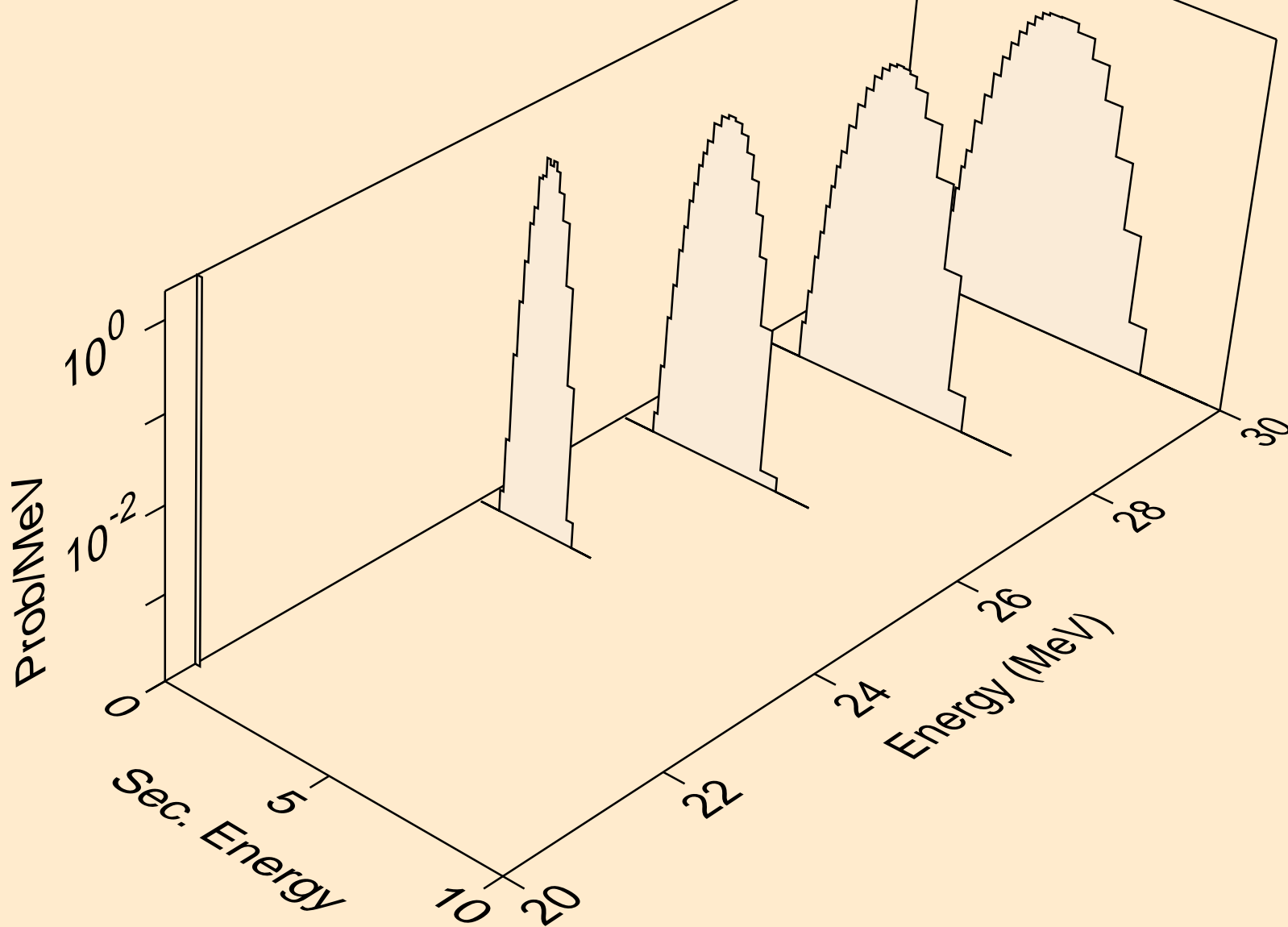
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protons from (n,2np)



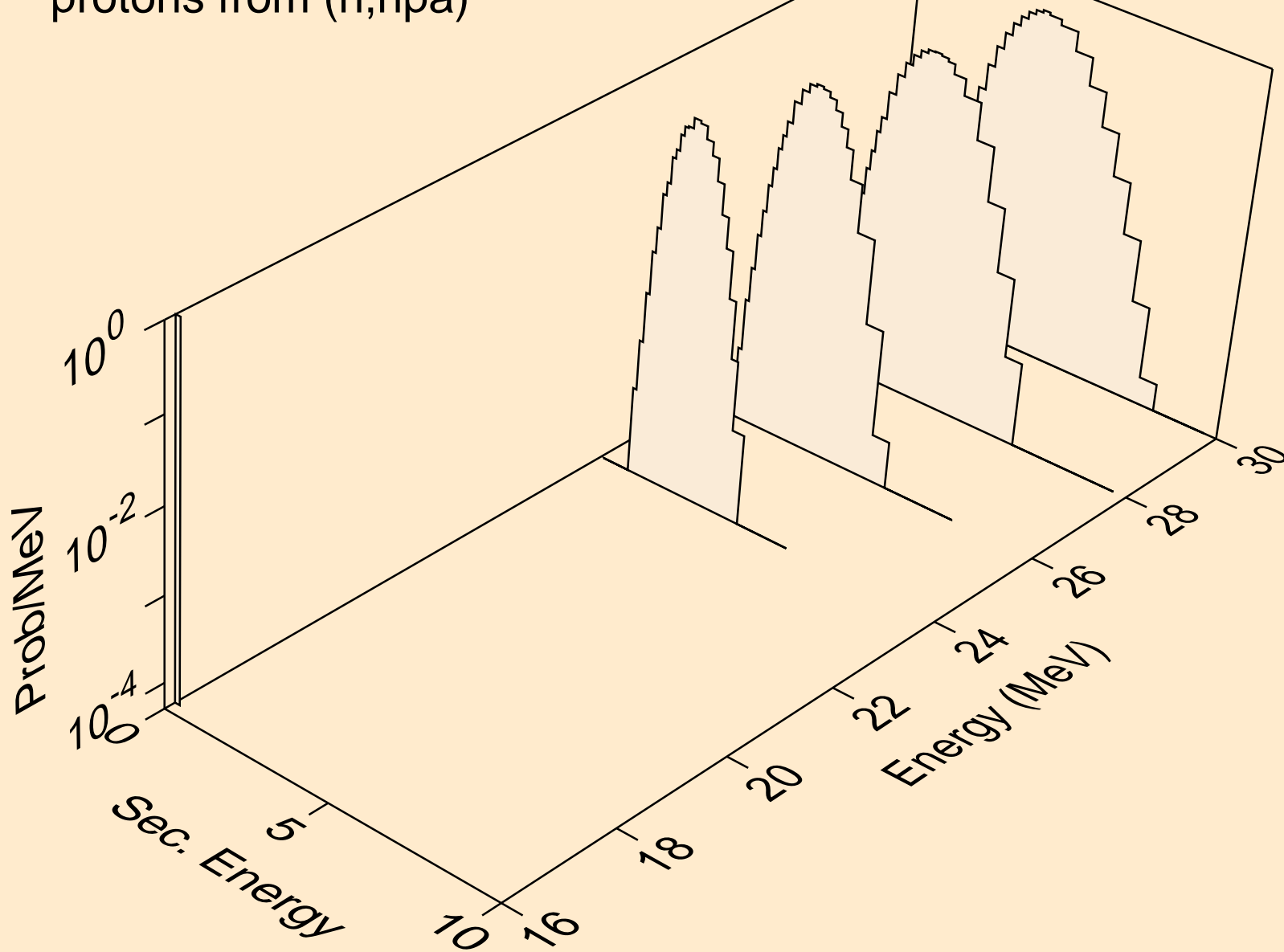
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protons from (n,3np)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

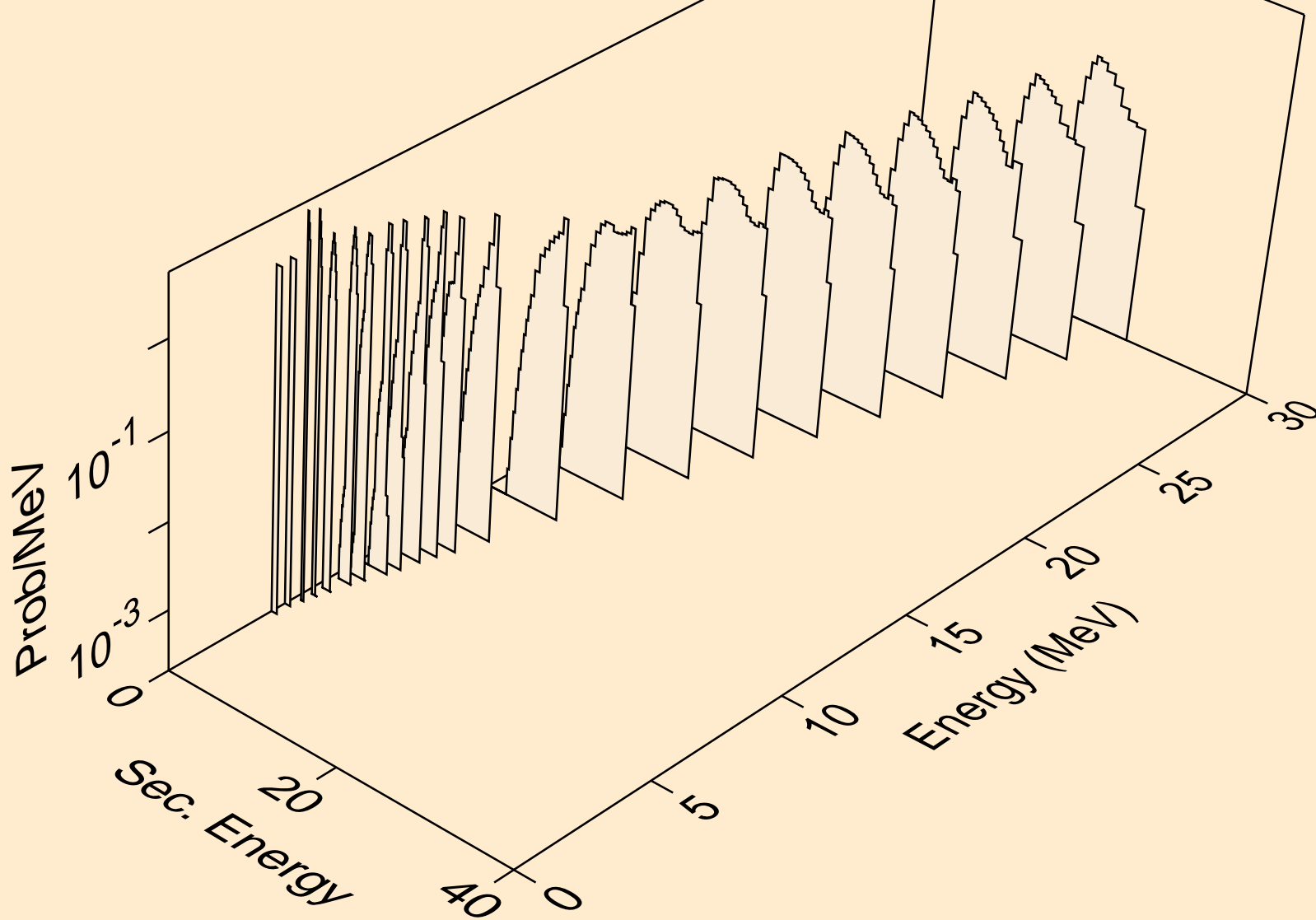


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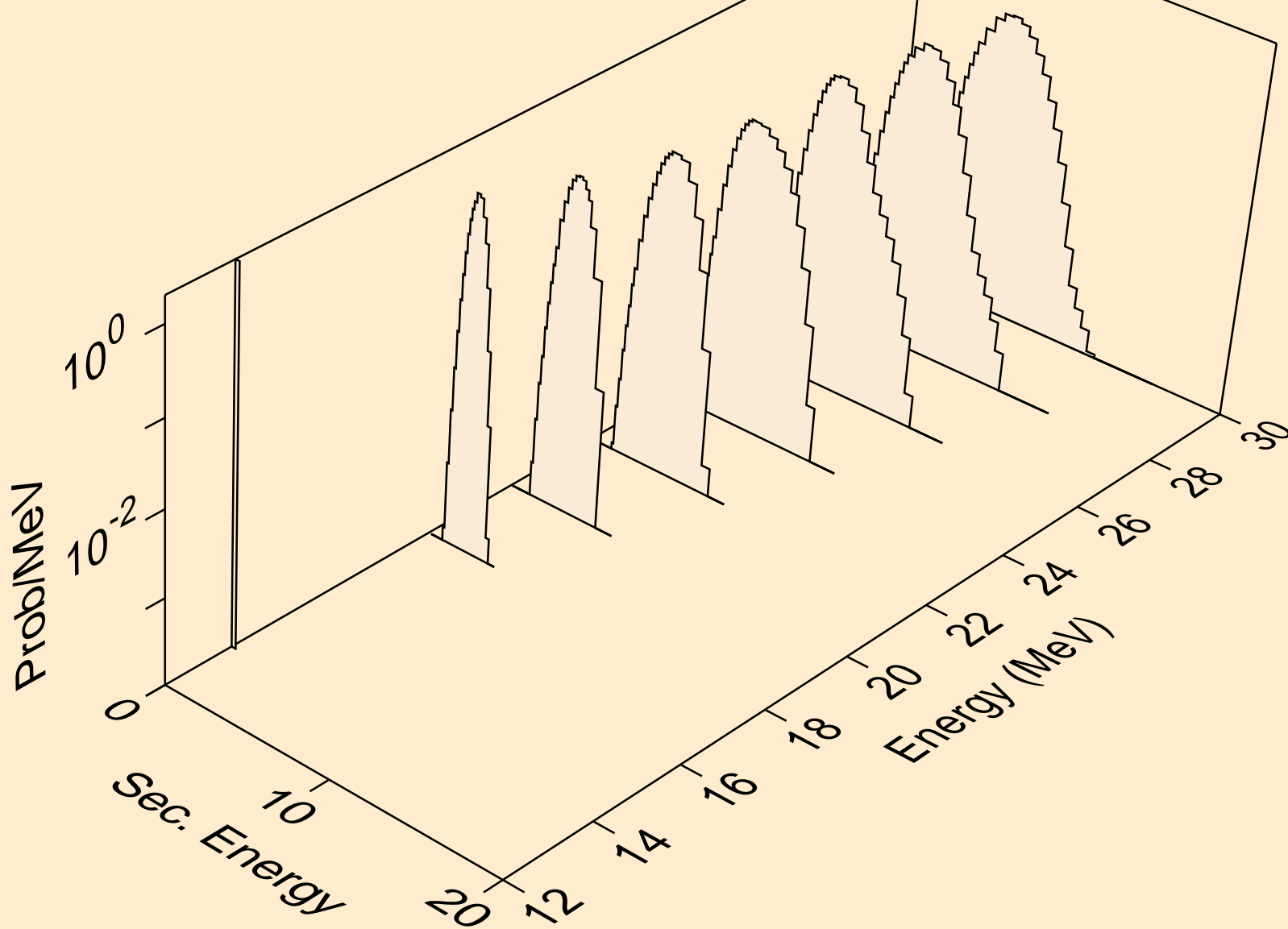




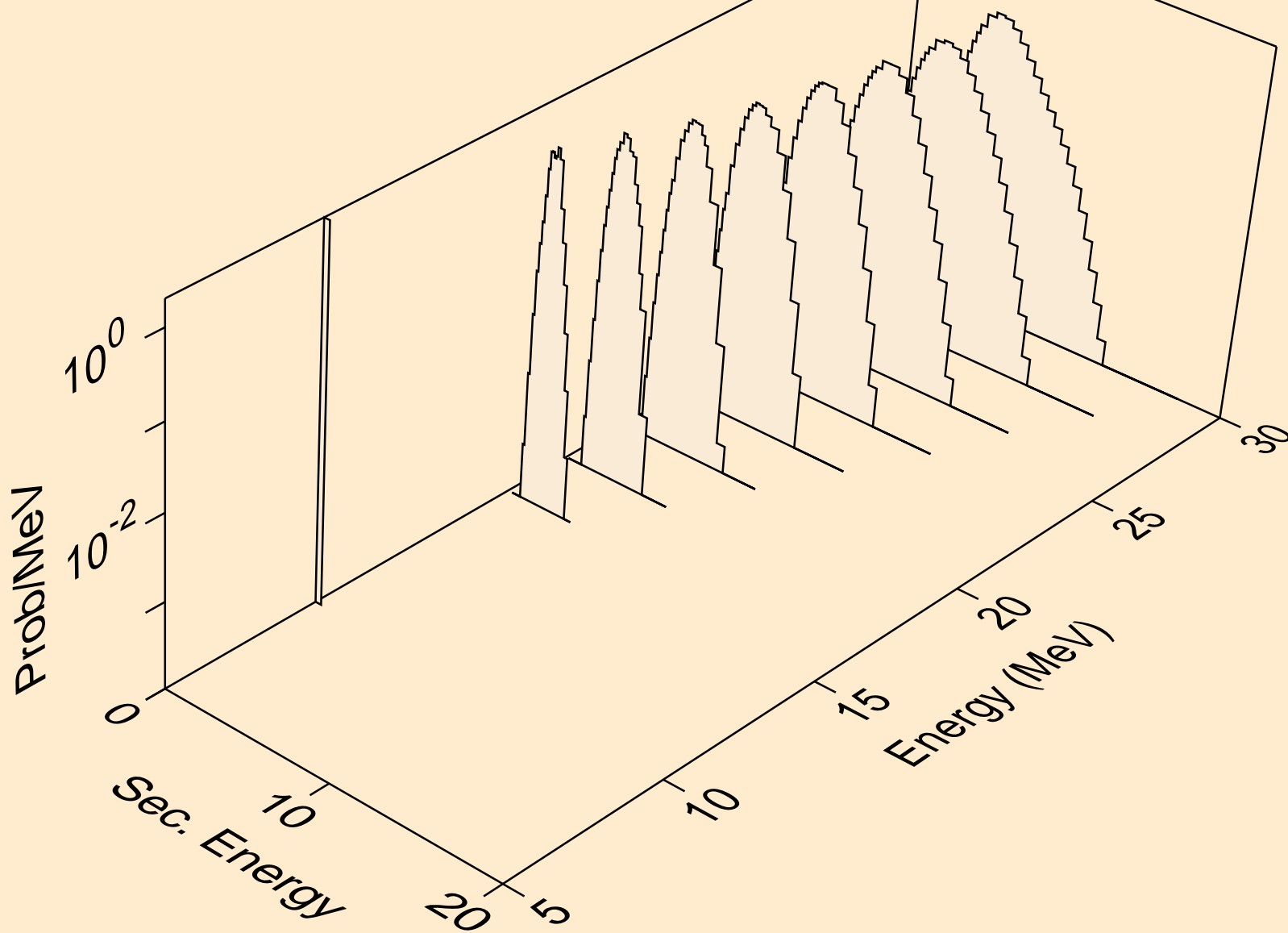
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protons from (n,p)



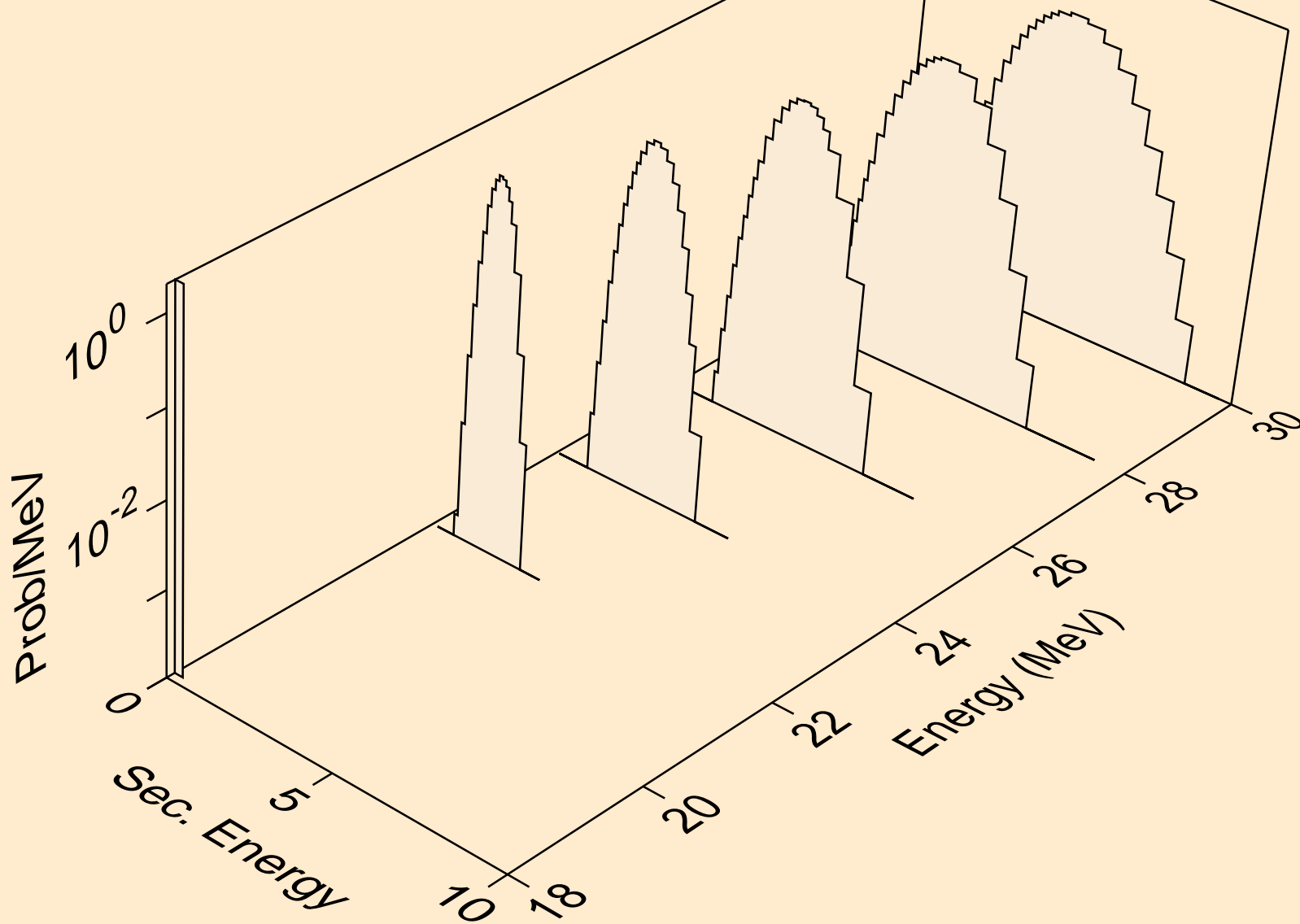
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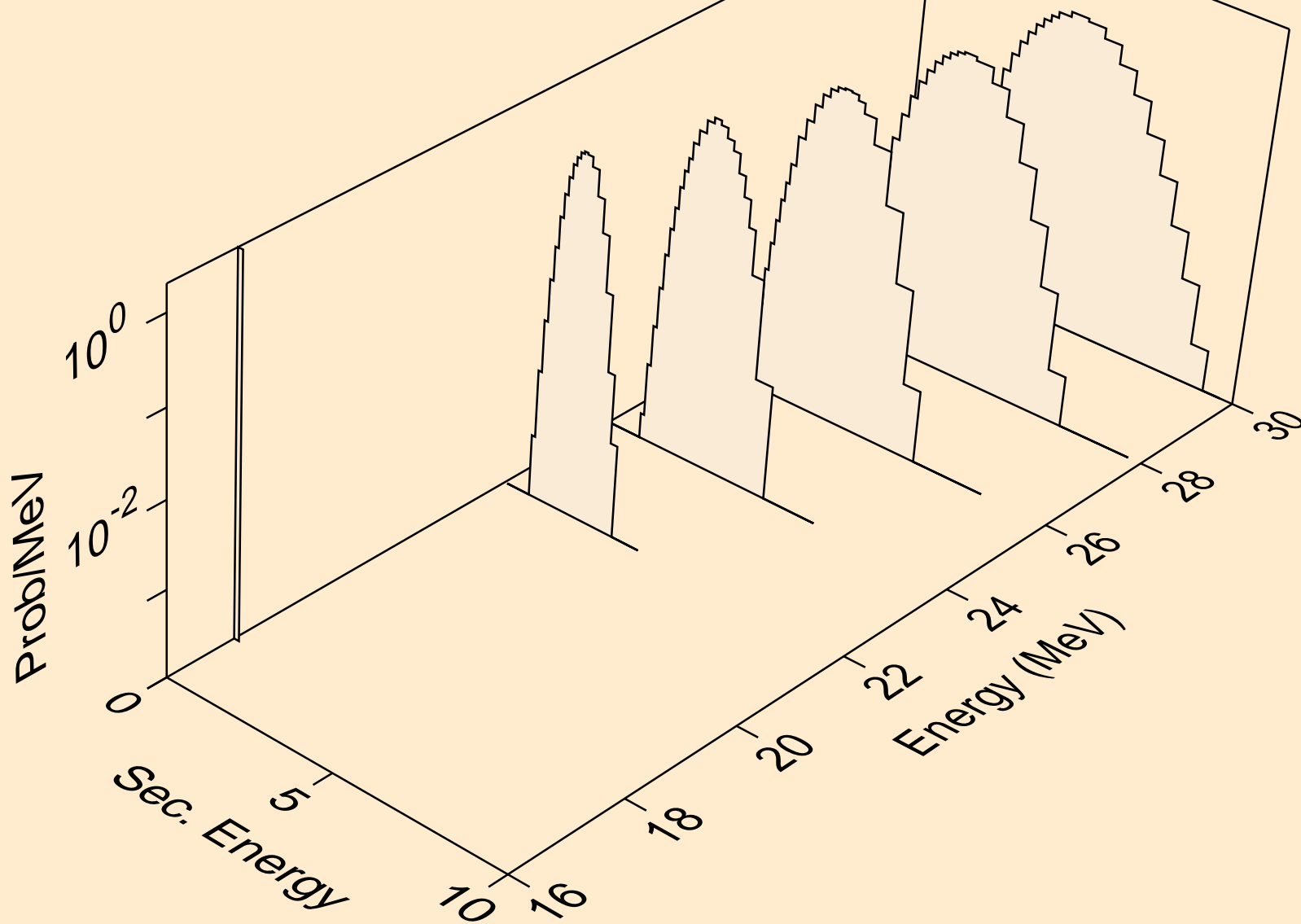
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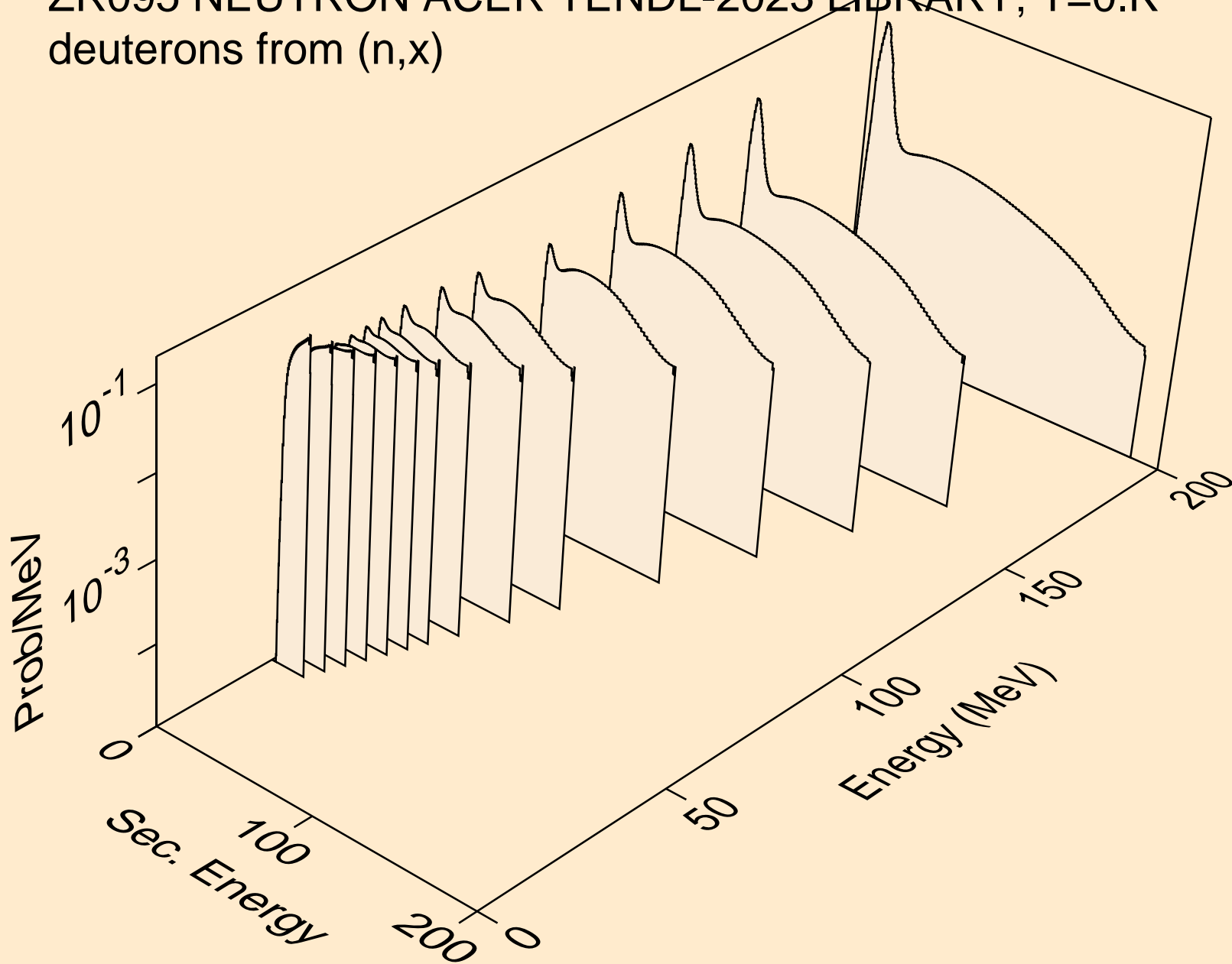
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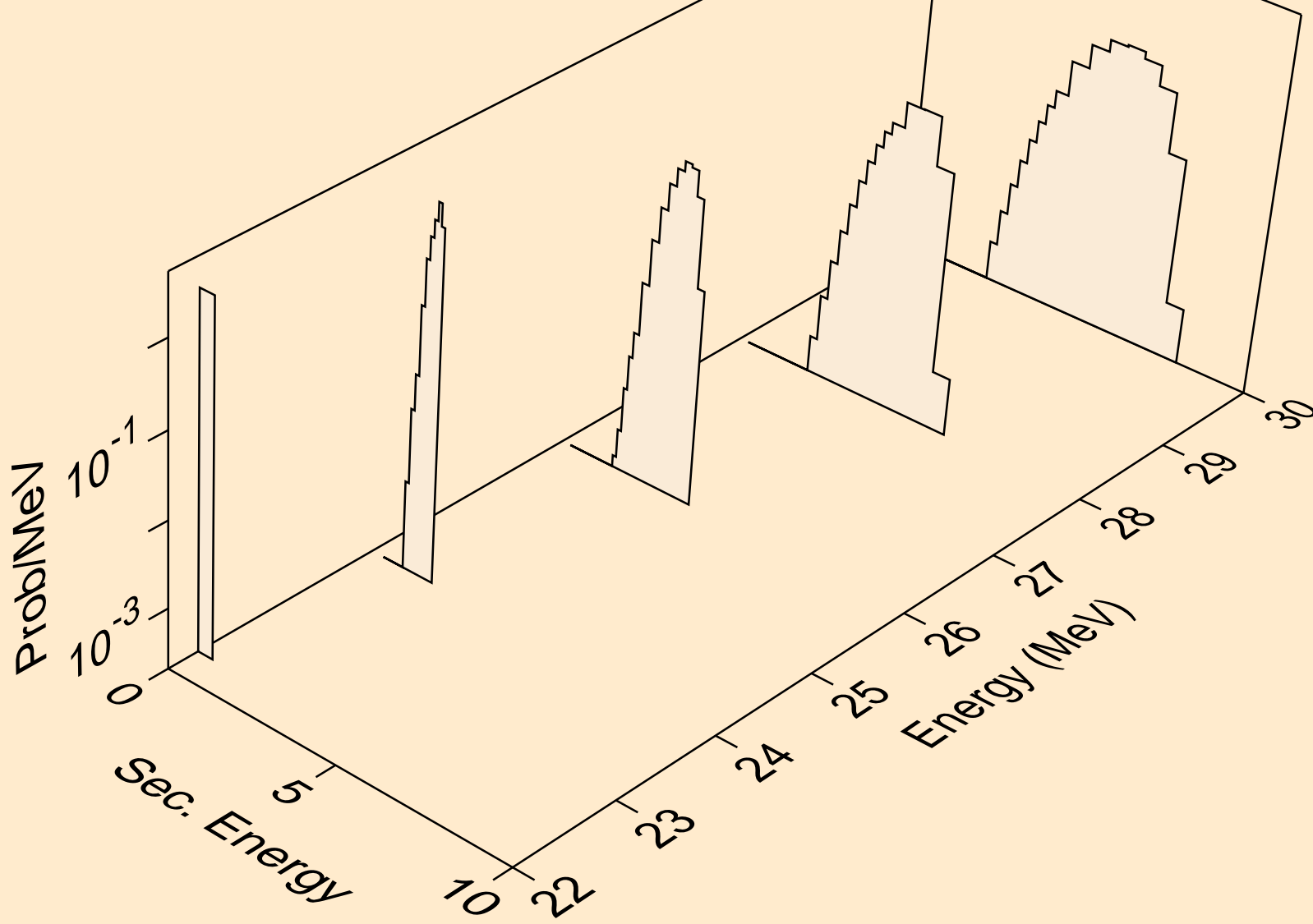
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protons from (n,pt)



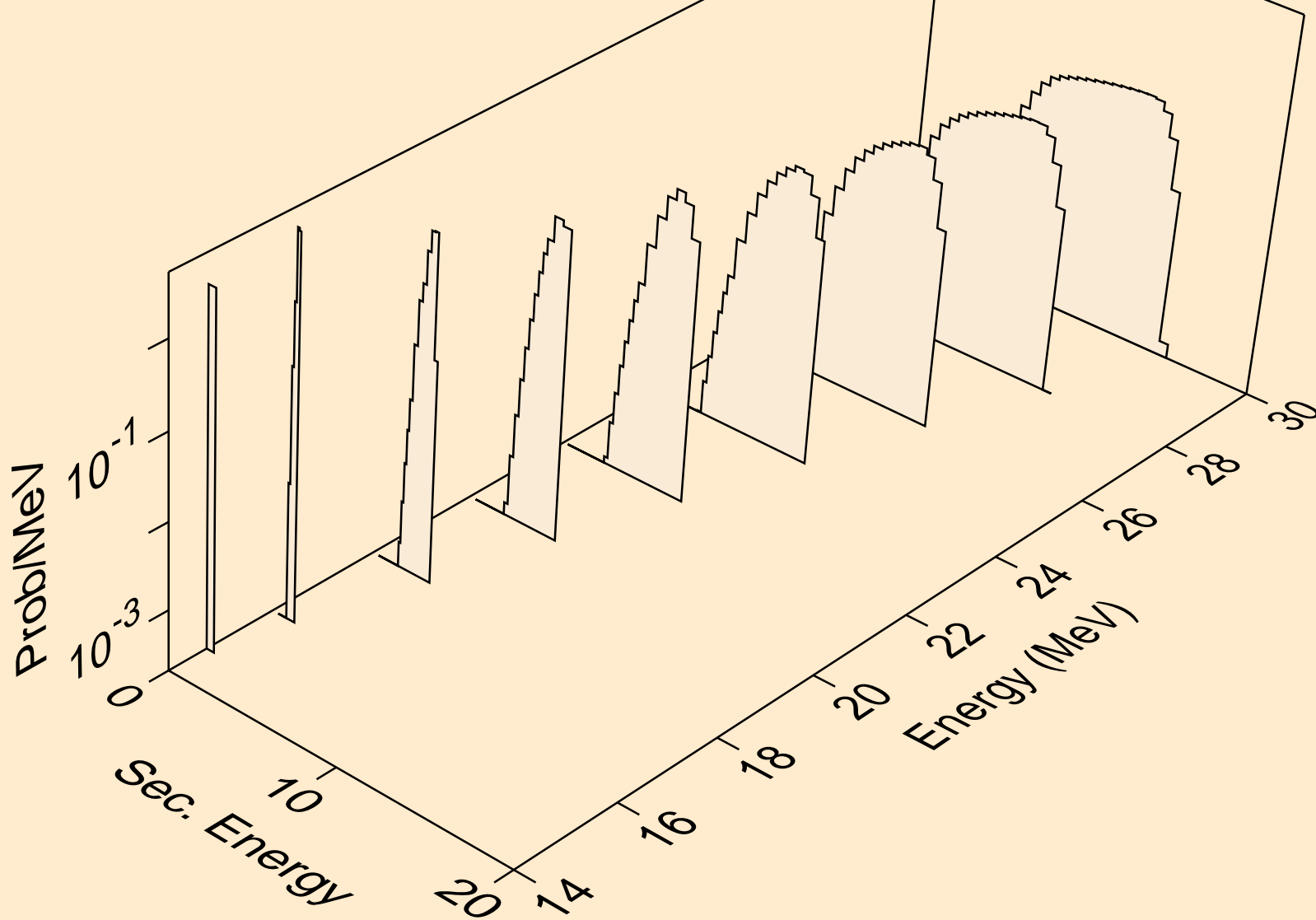
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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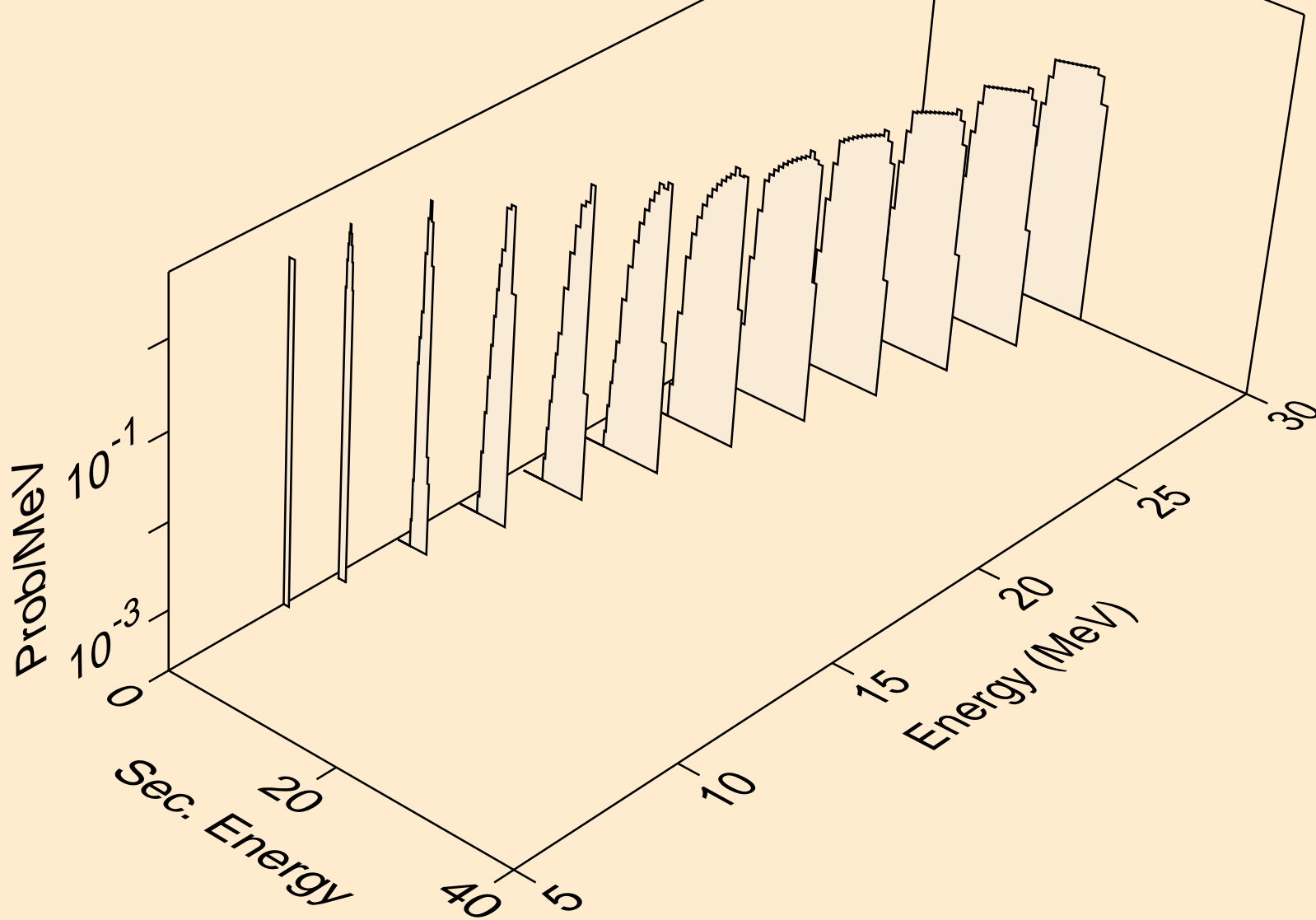


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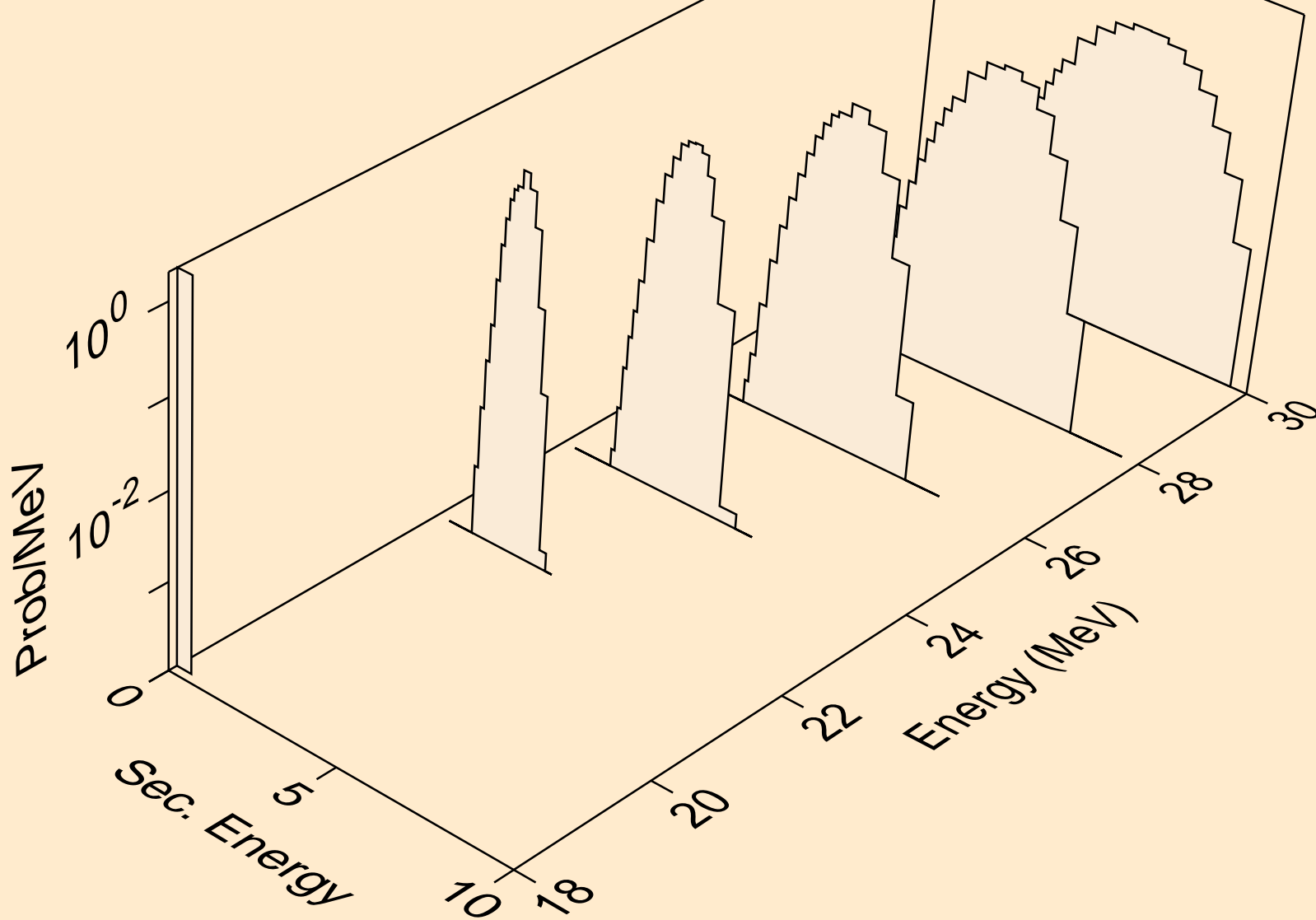




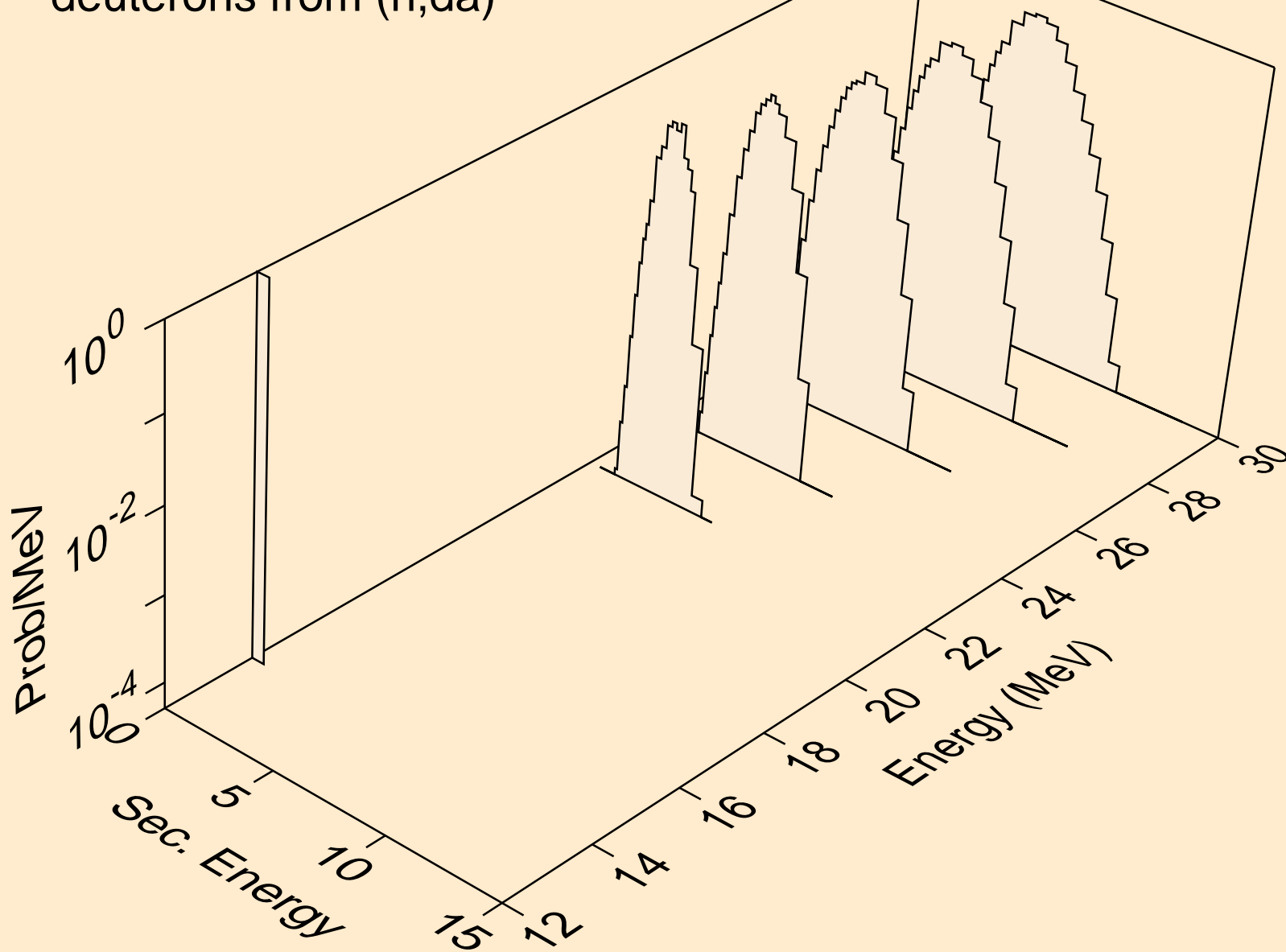
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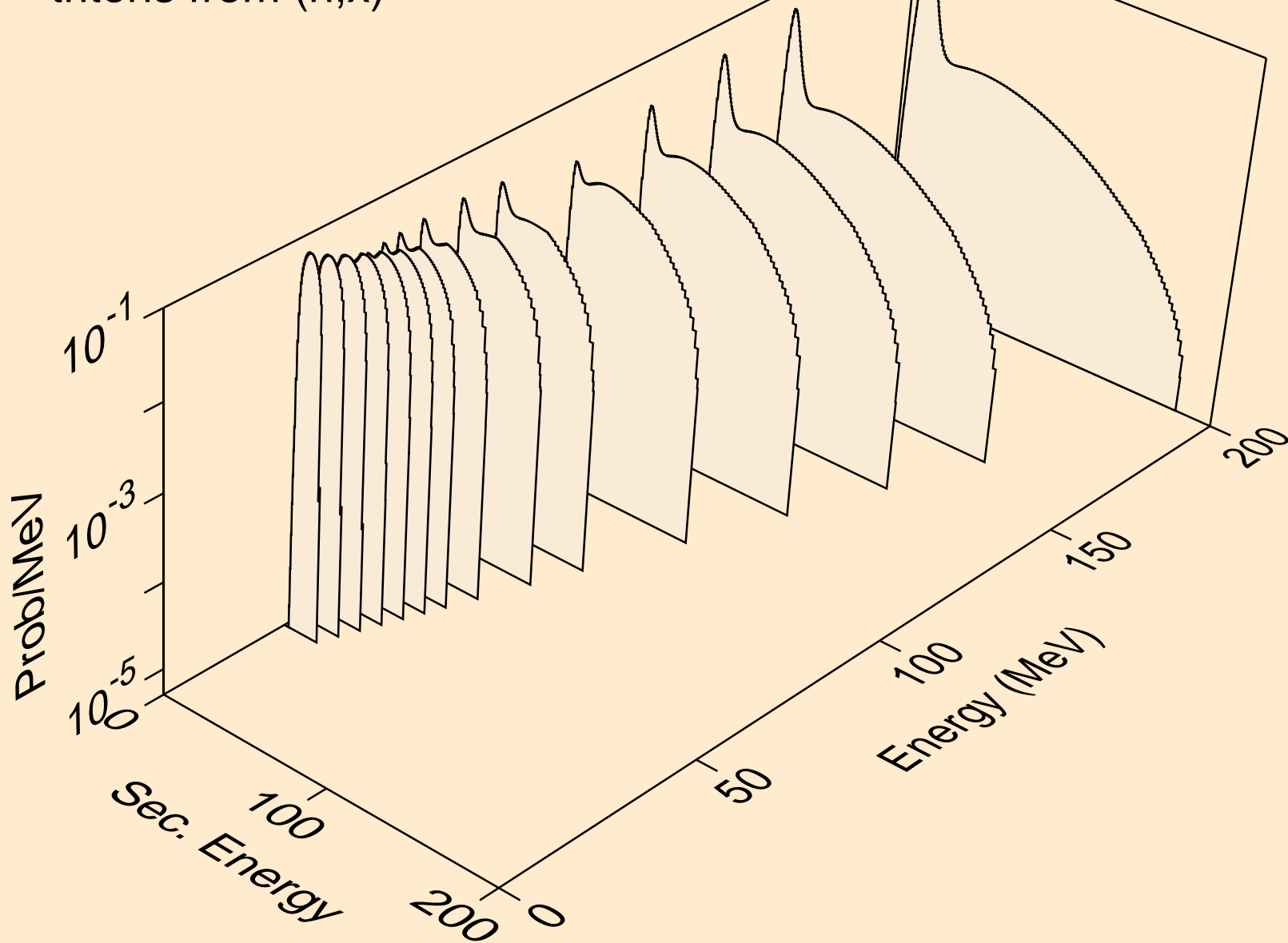
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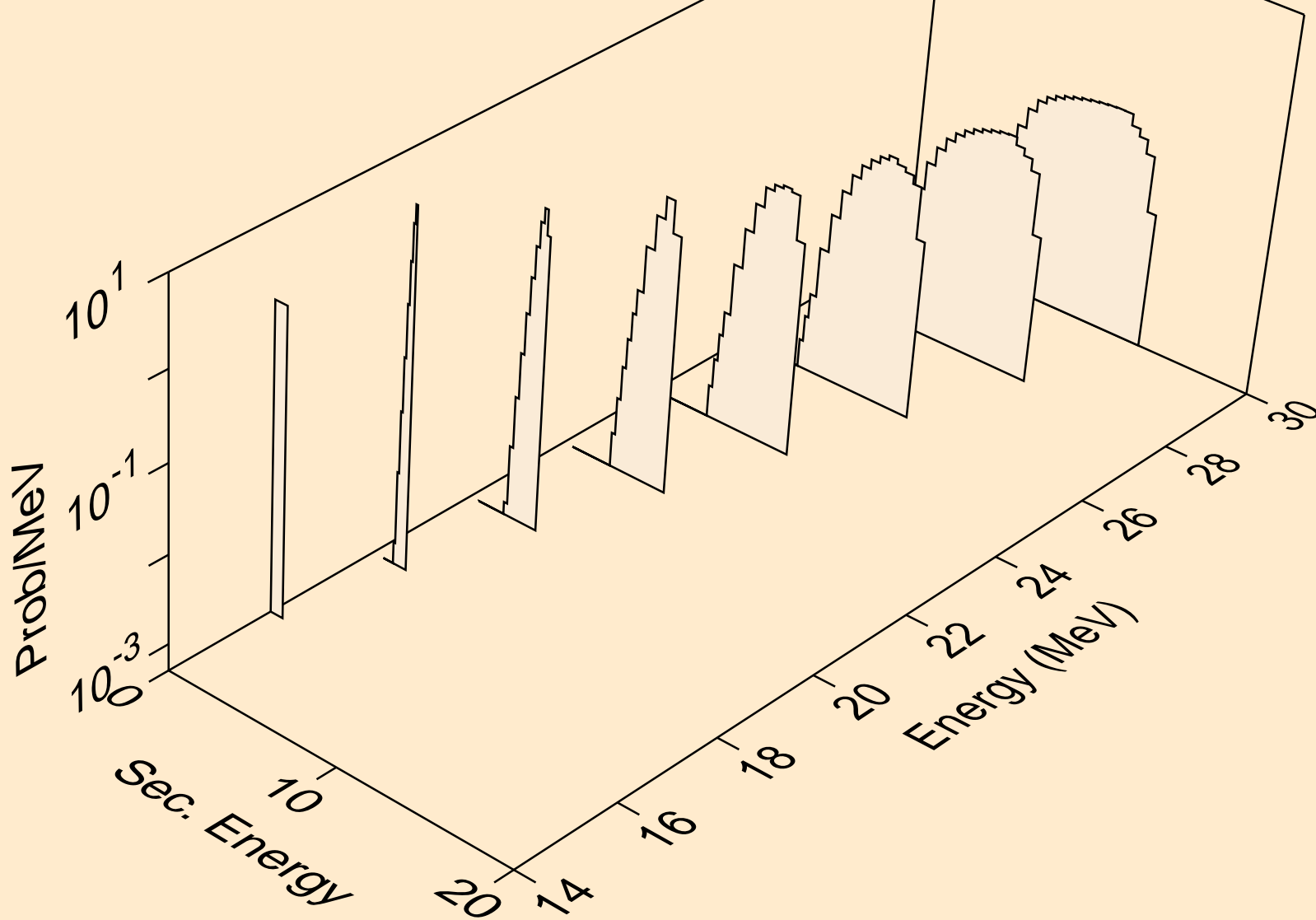
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deuterons from (n,da)



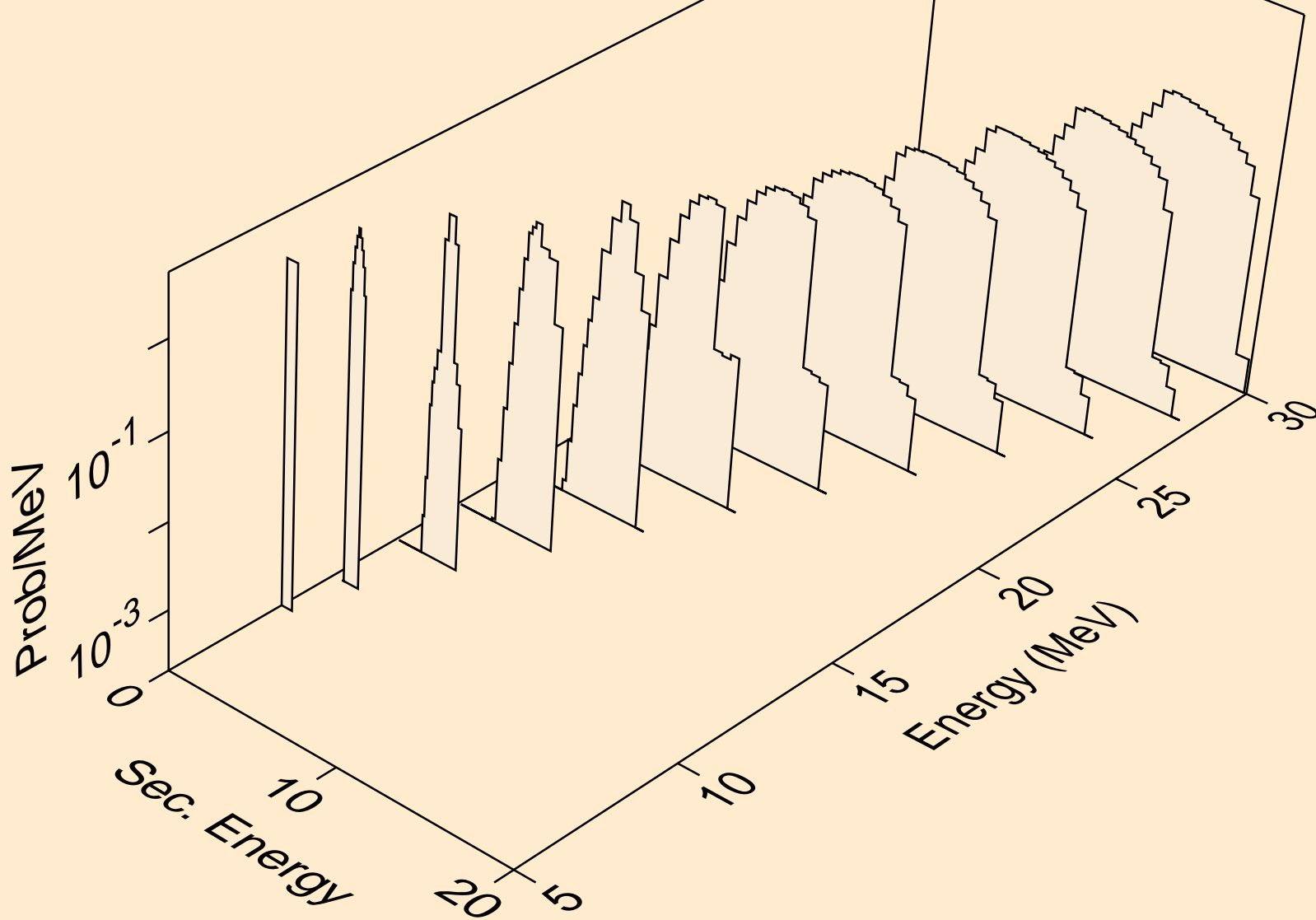
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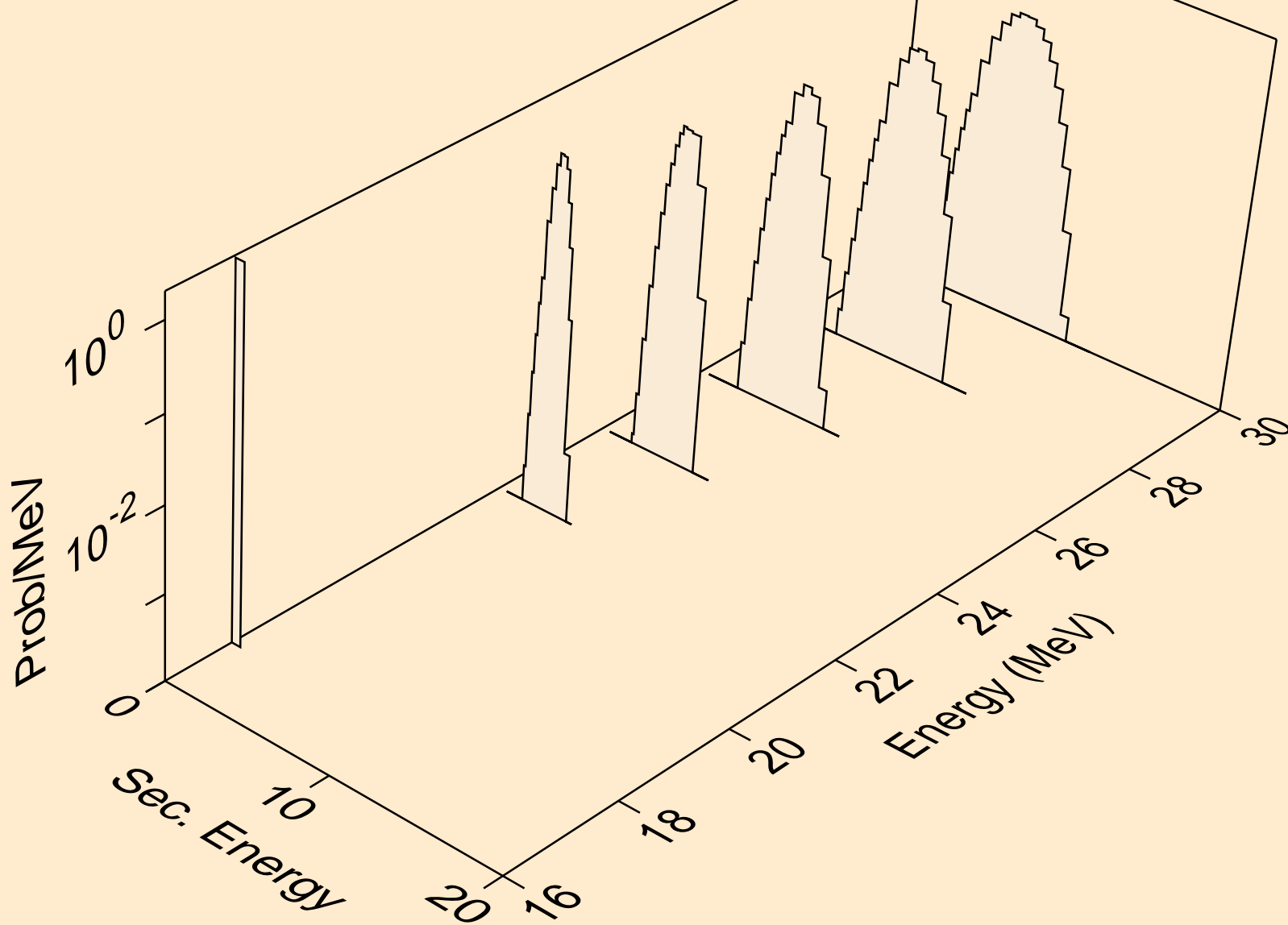
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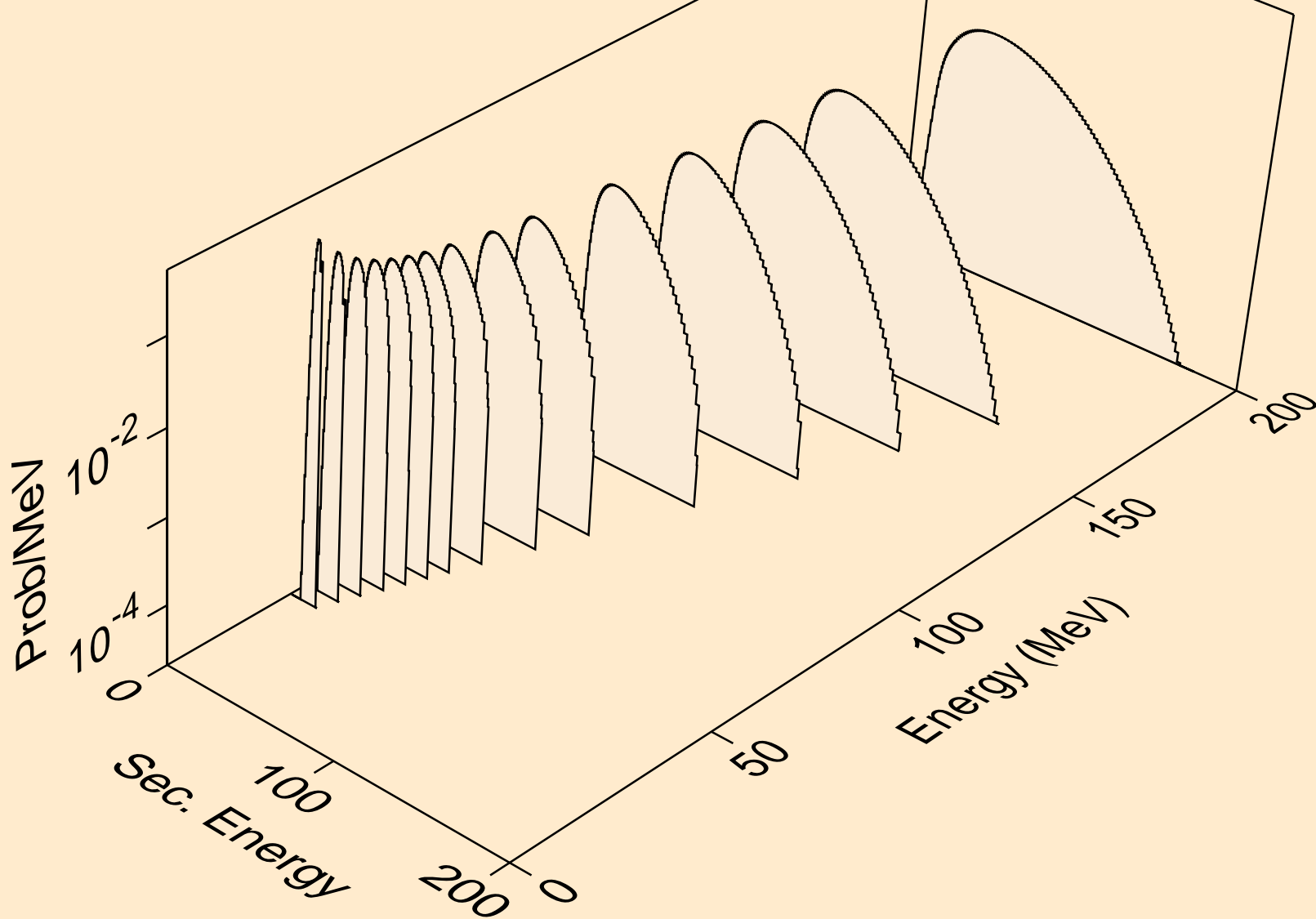
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tritons from (n,t)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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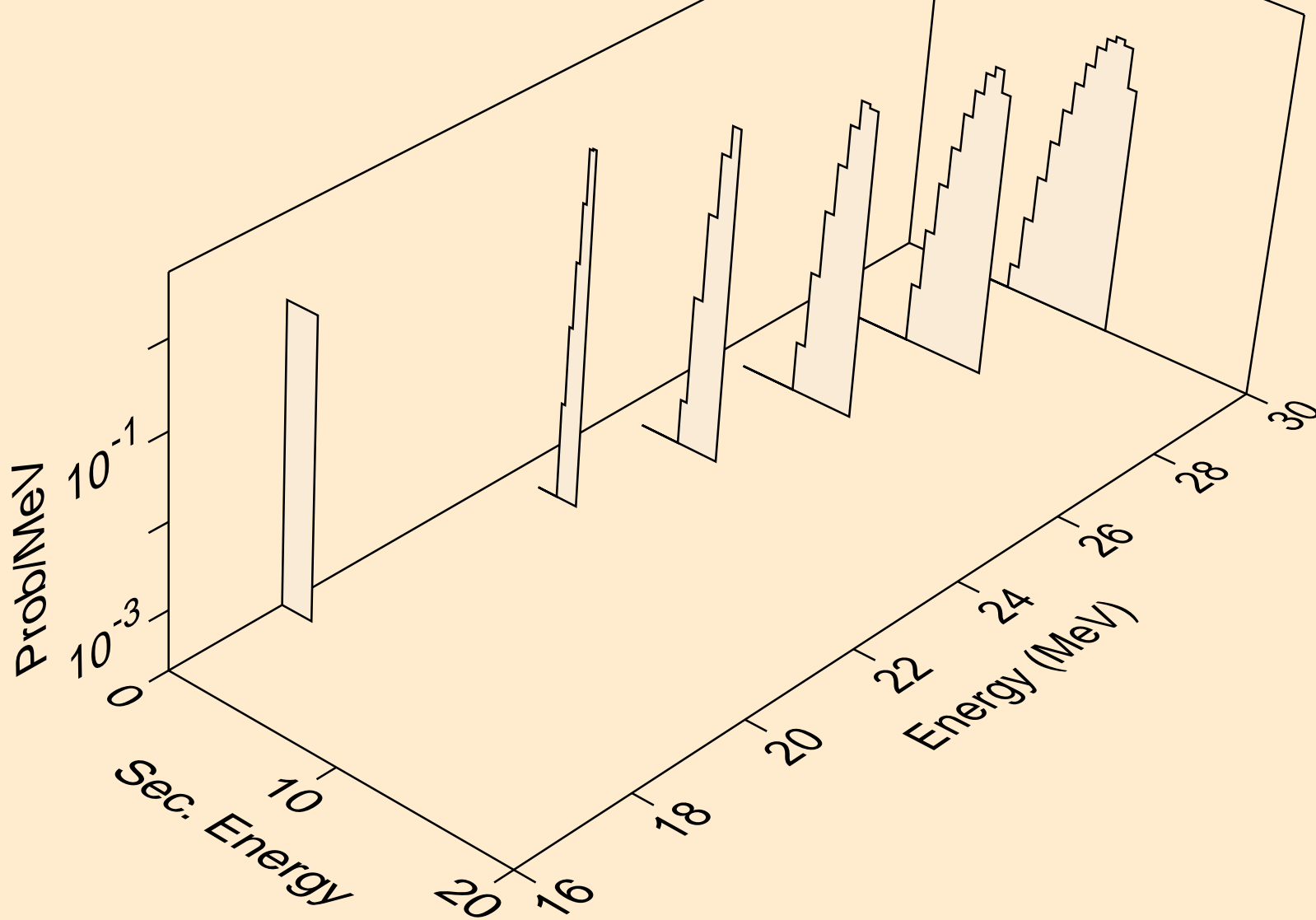


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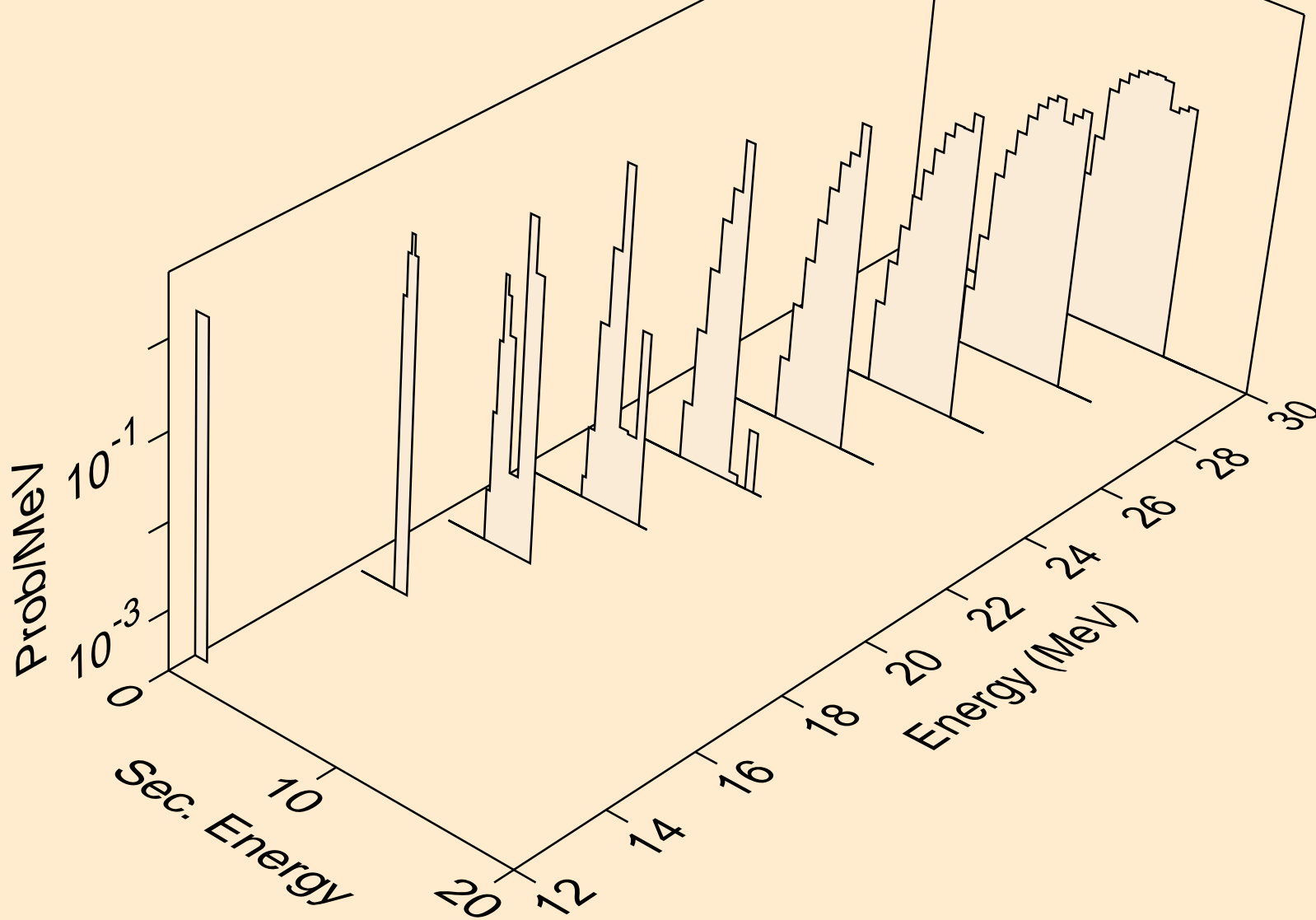




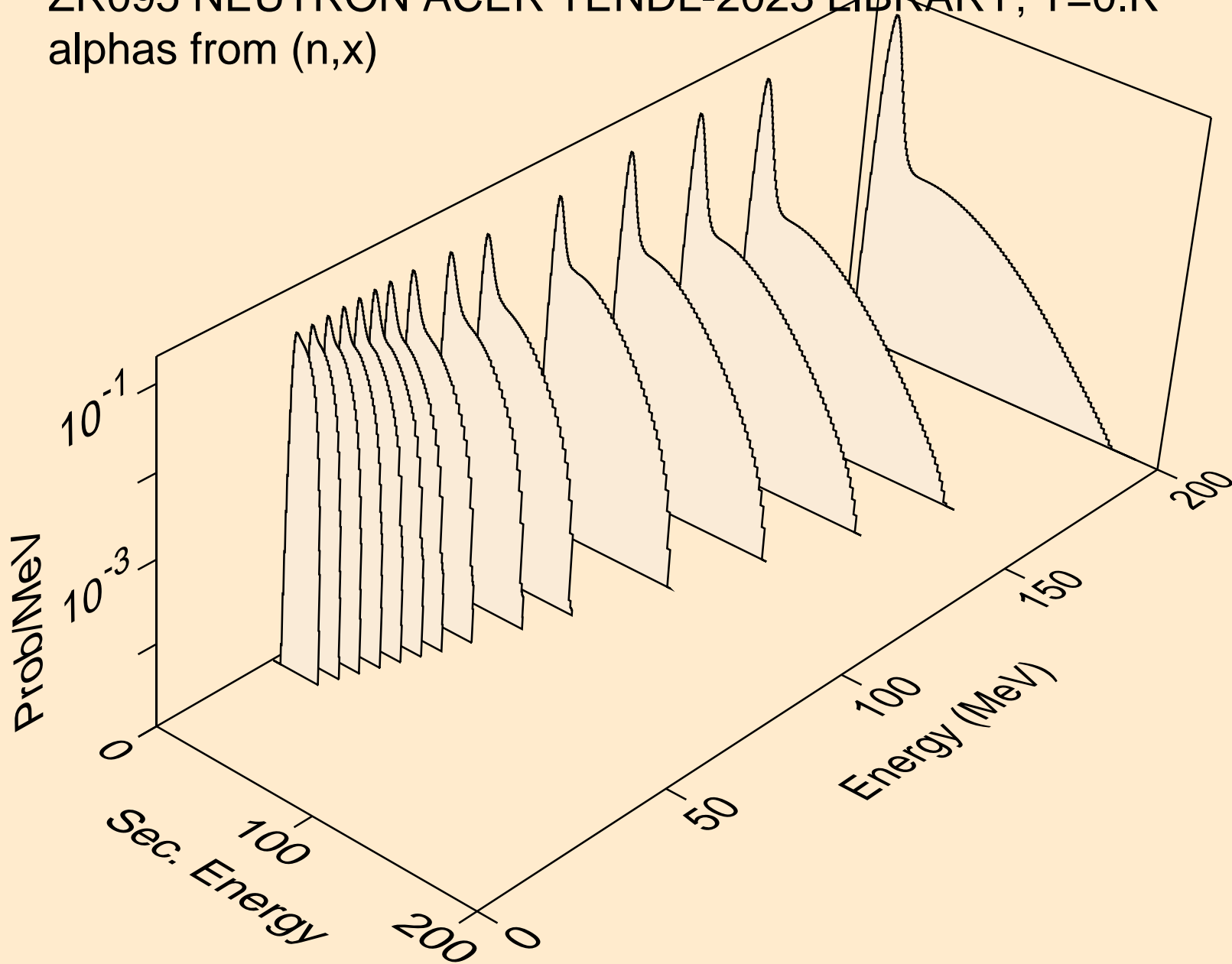
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he3s from (n,n\*)he3



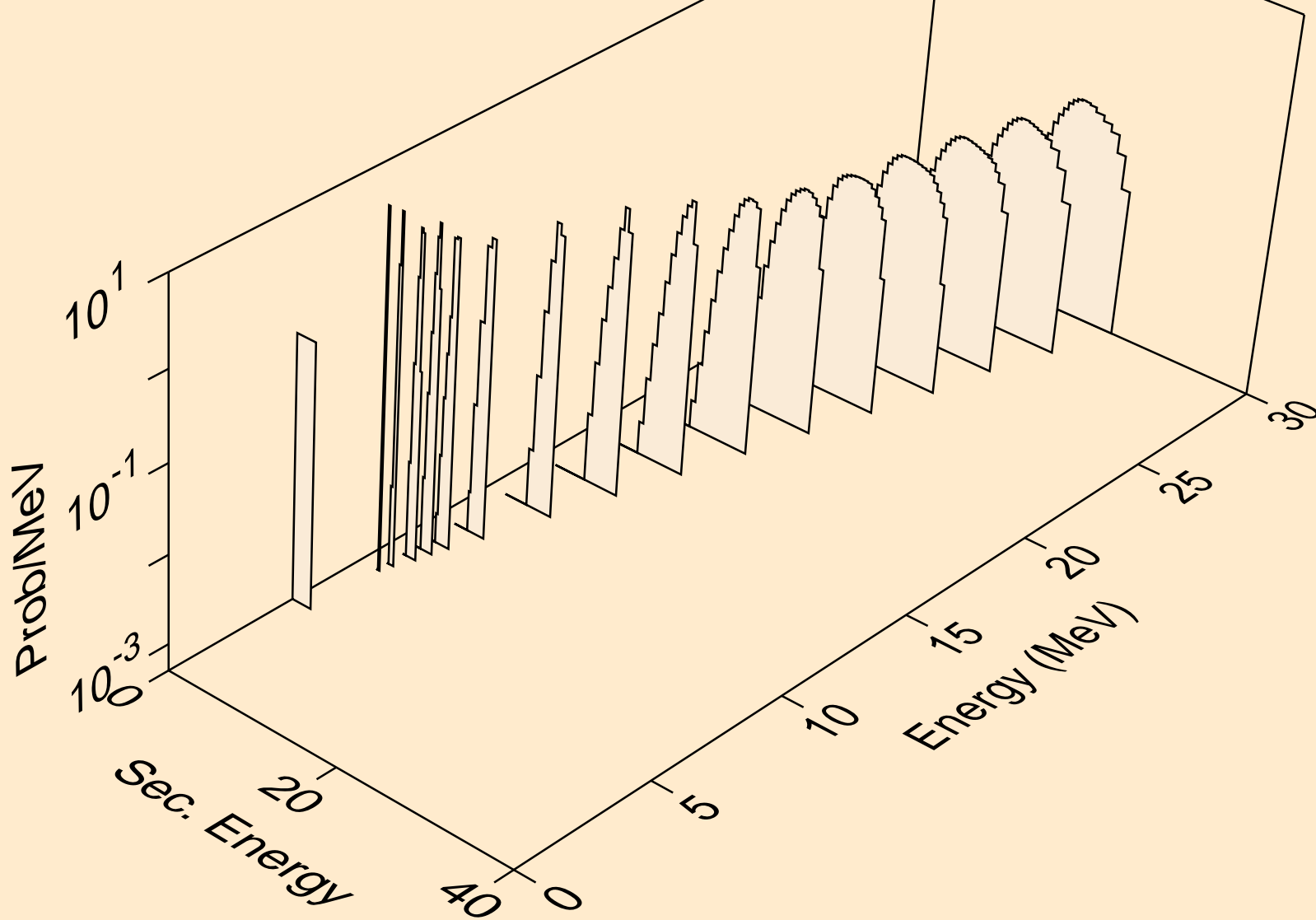
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he3s from (n,he3)



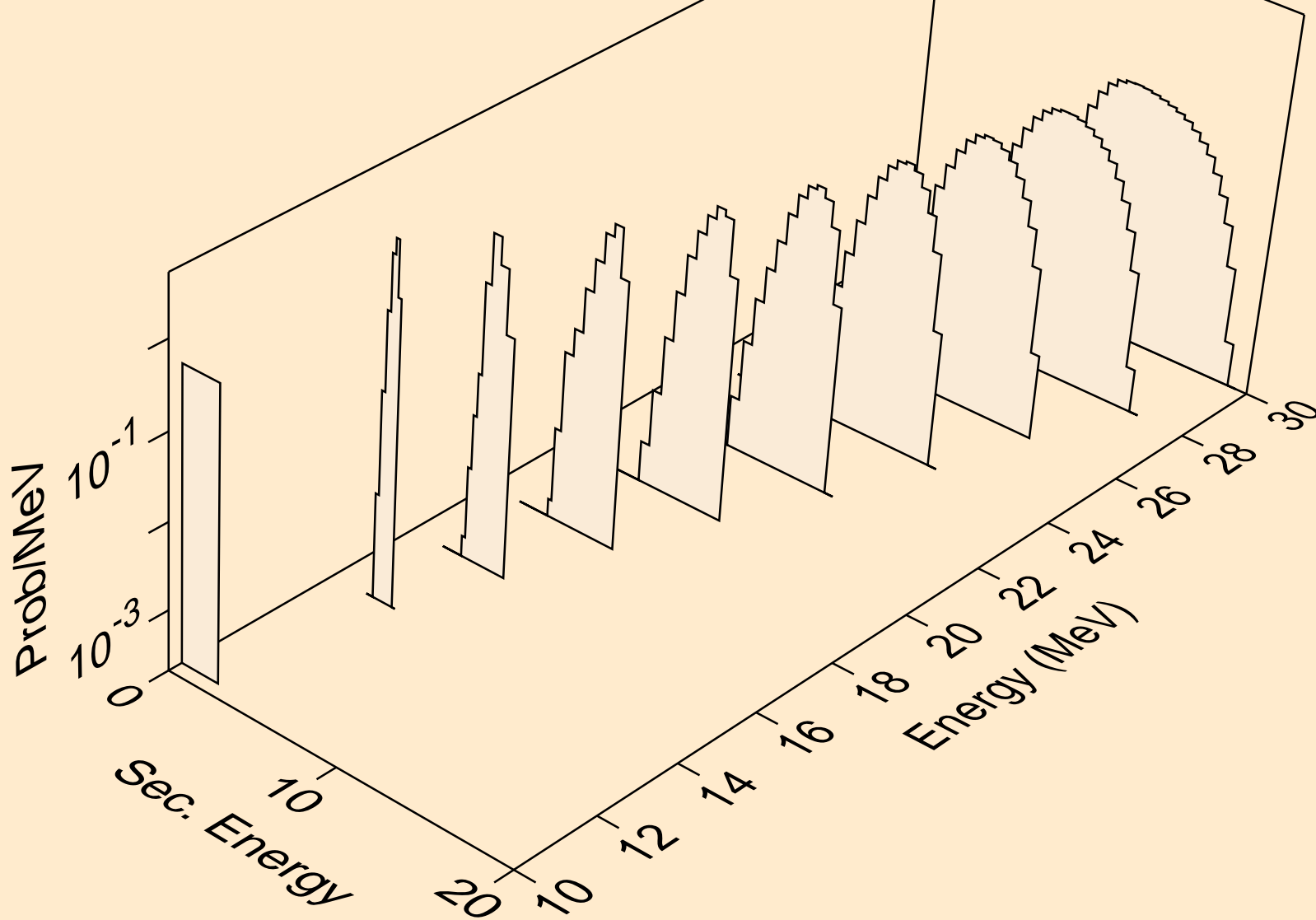
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alphas from (n,x)



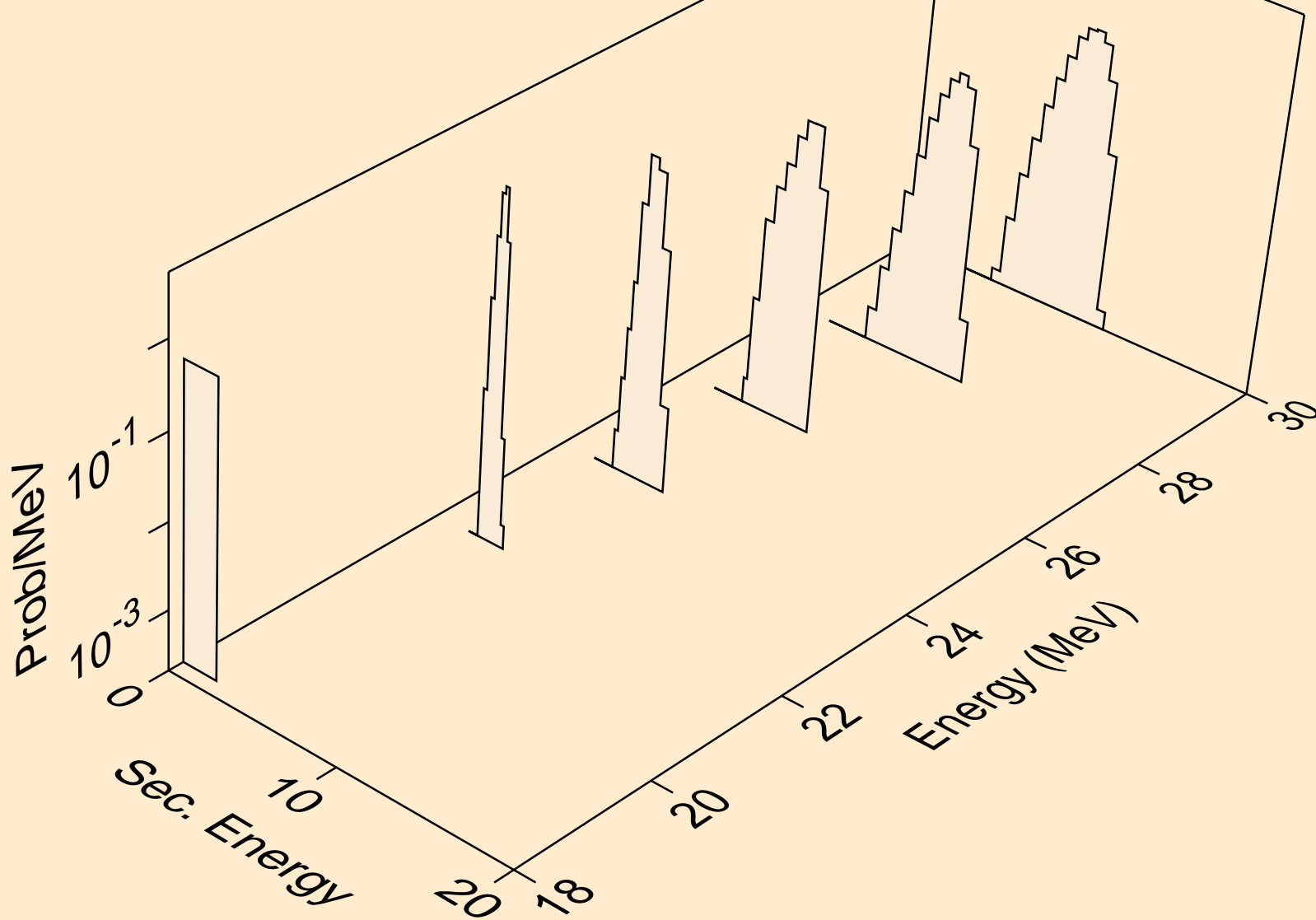
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alphas from (n,n\*)a



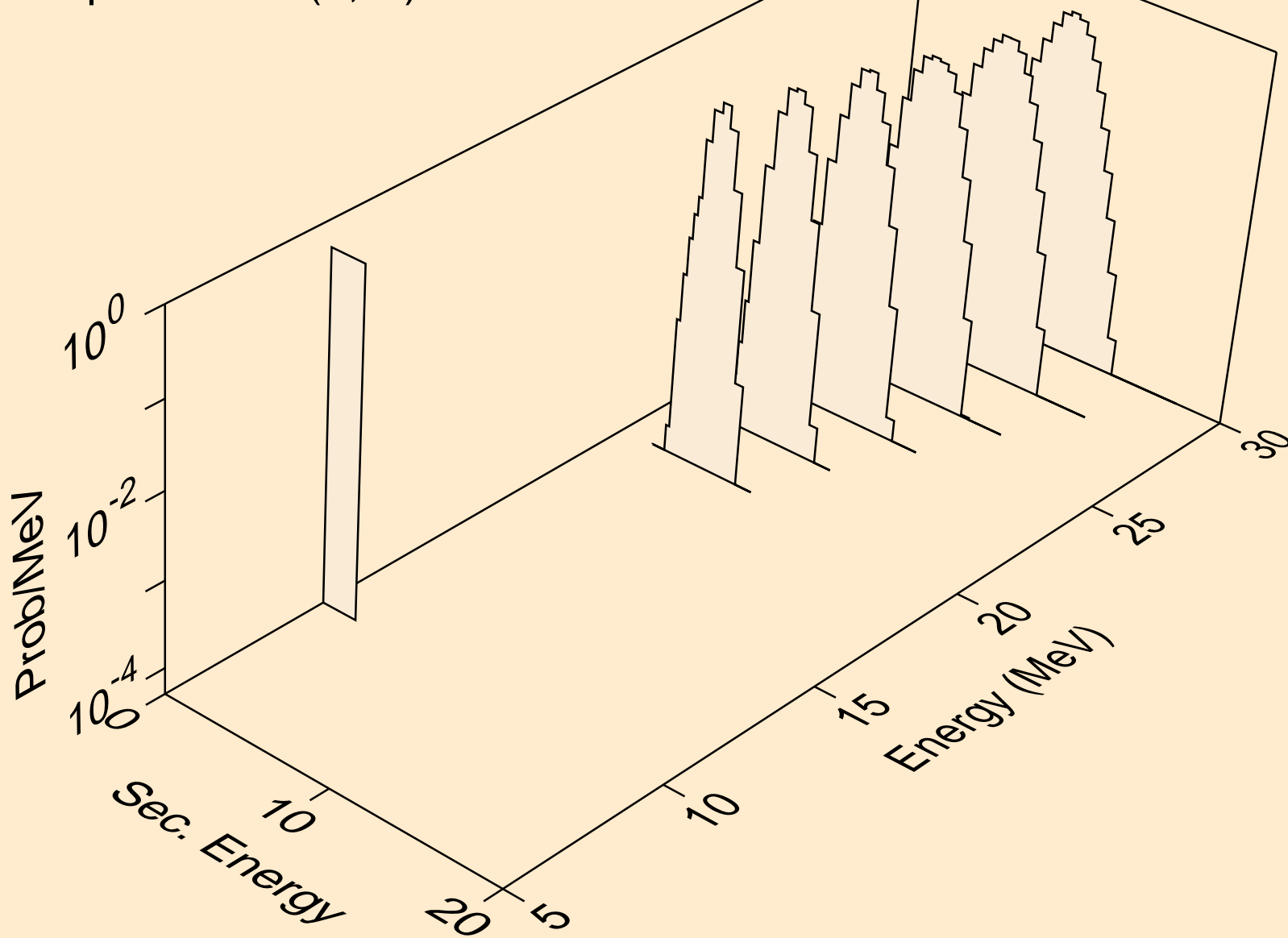
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alphas from (n,2n)a



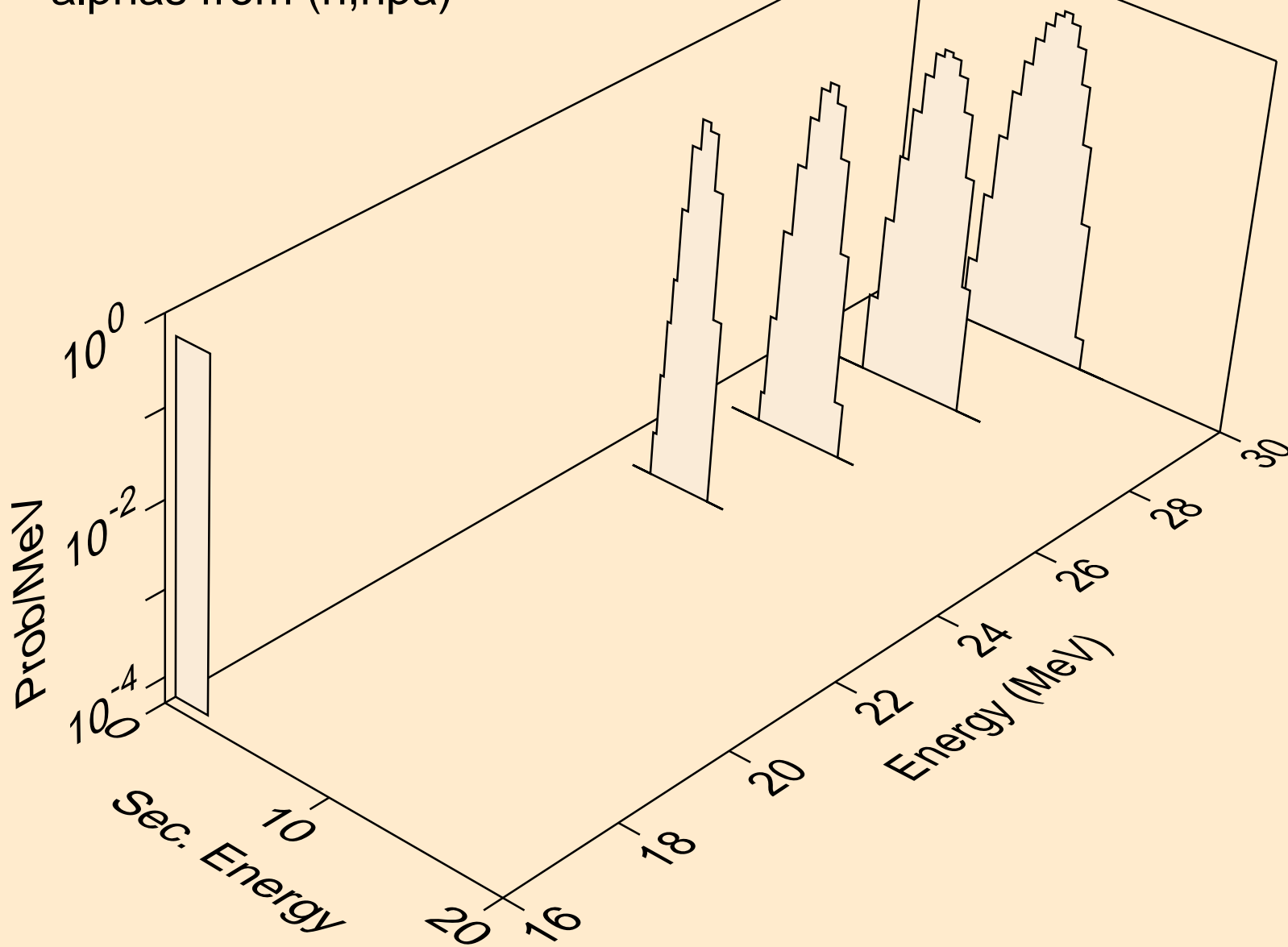
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

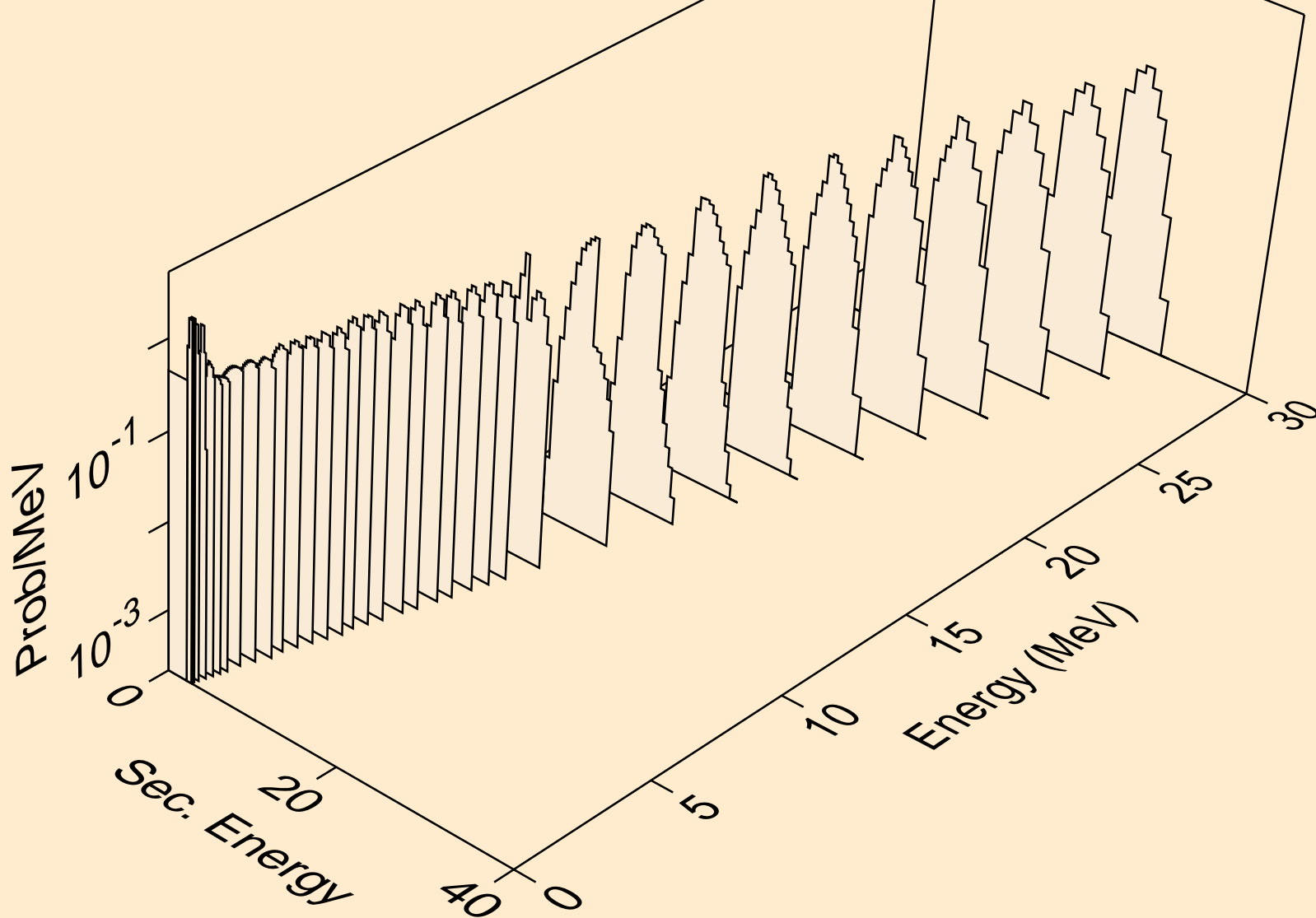


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alphas from (n,npa)

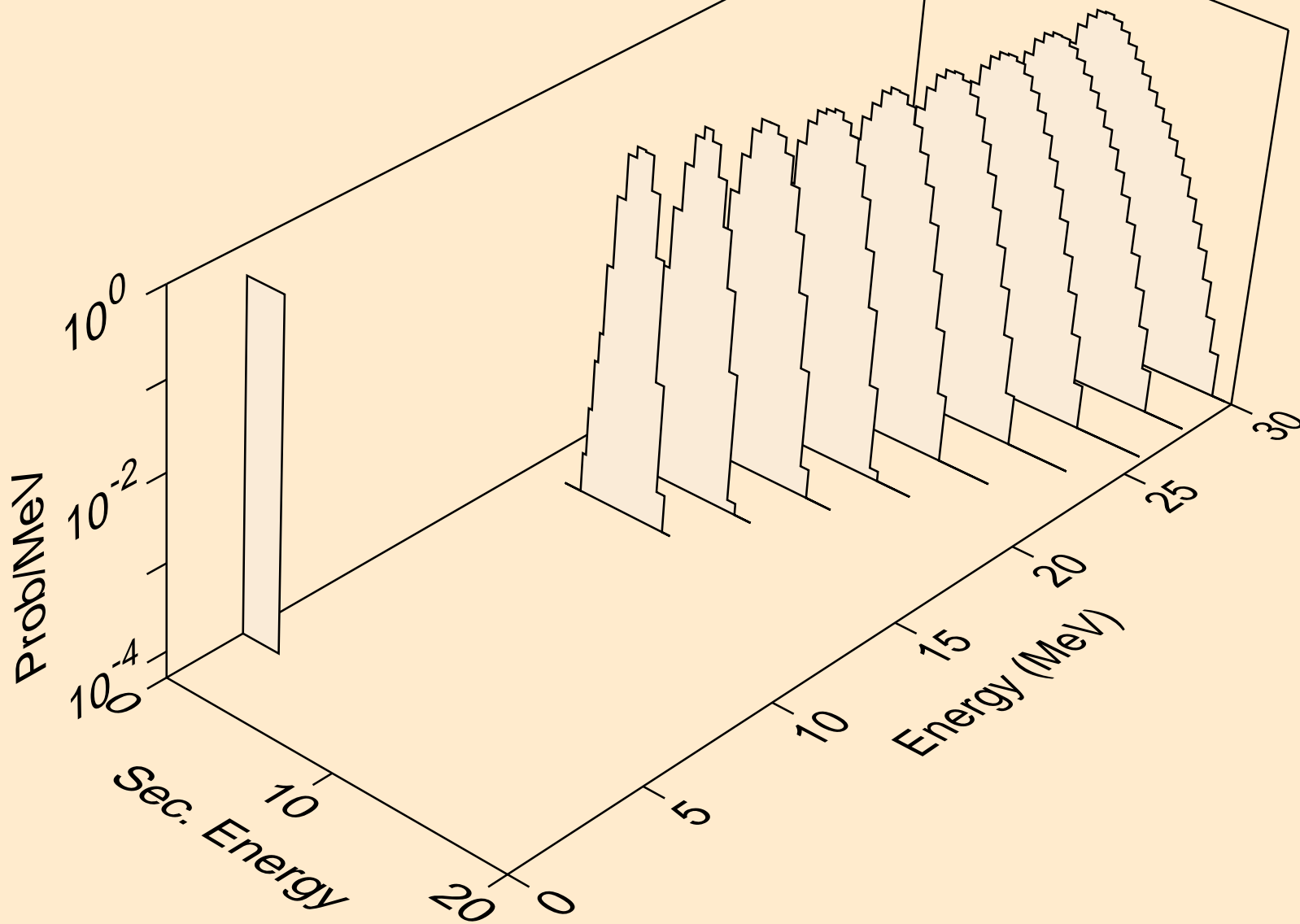




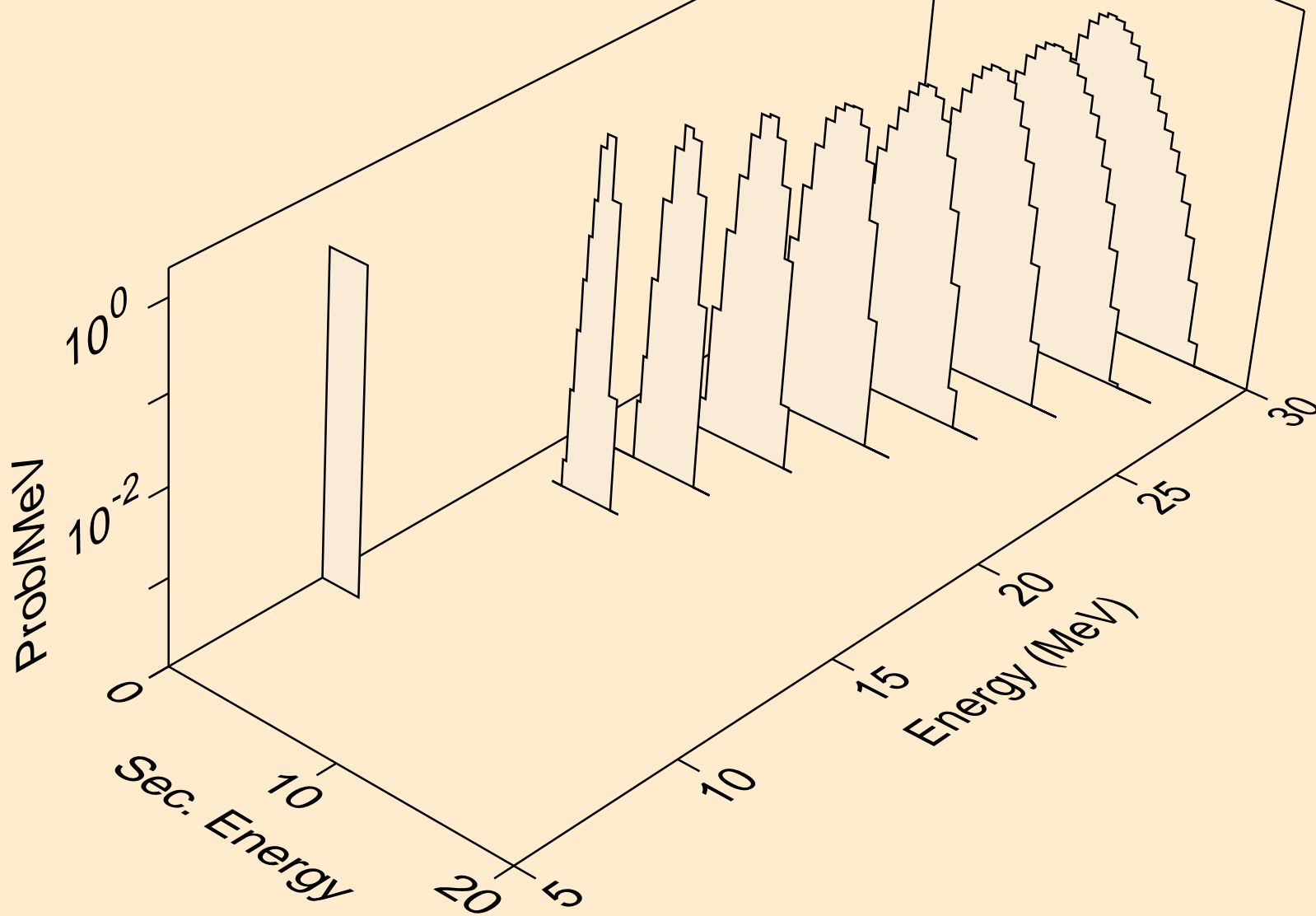
ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



ZR095 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

