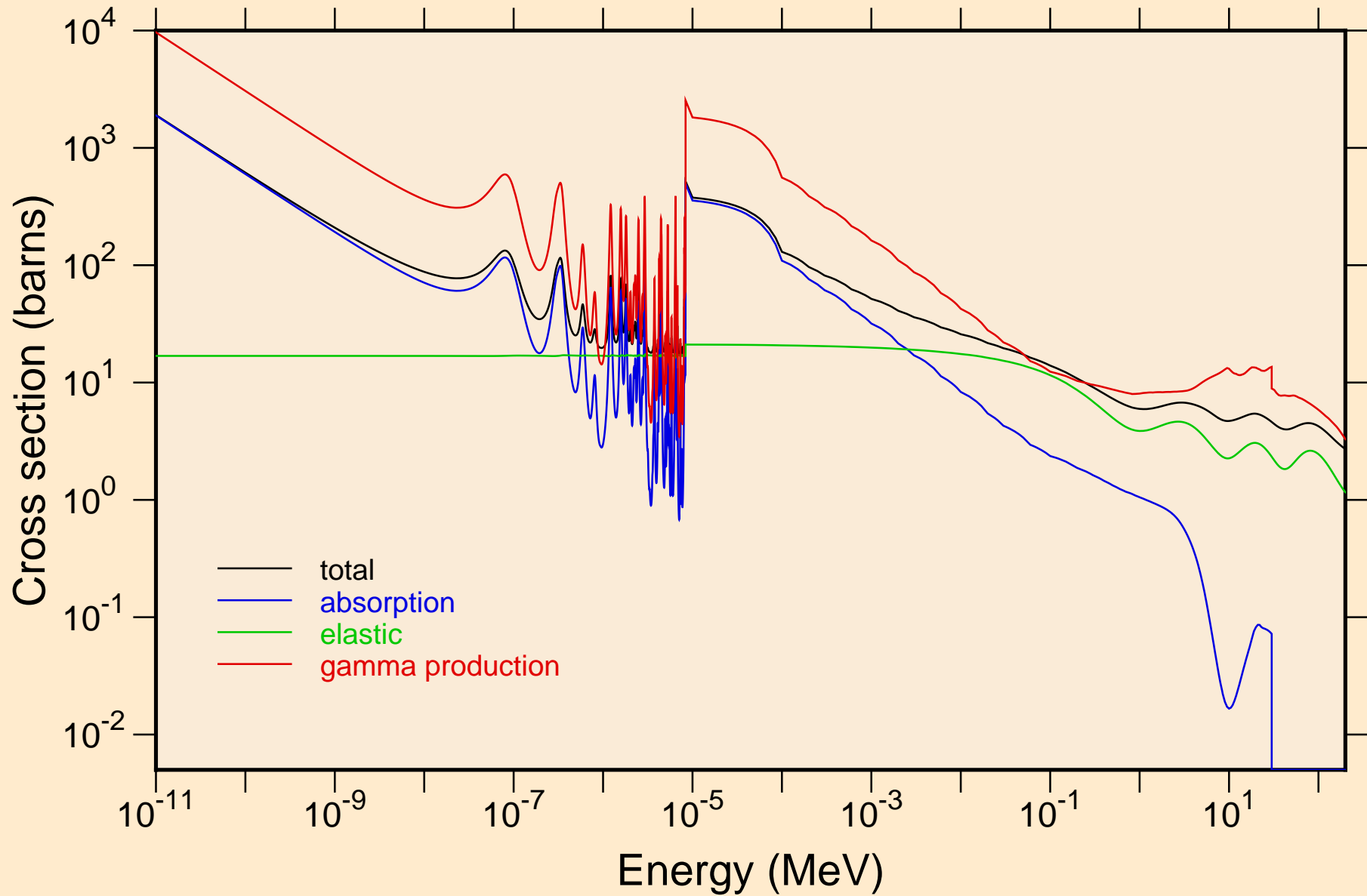
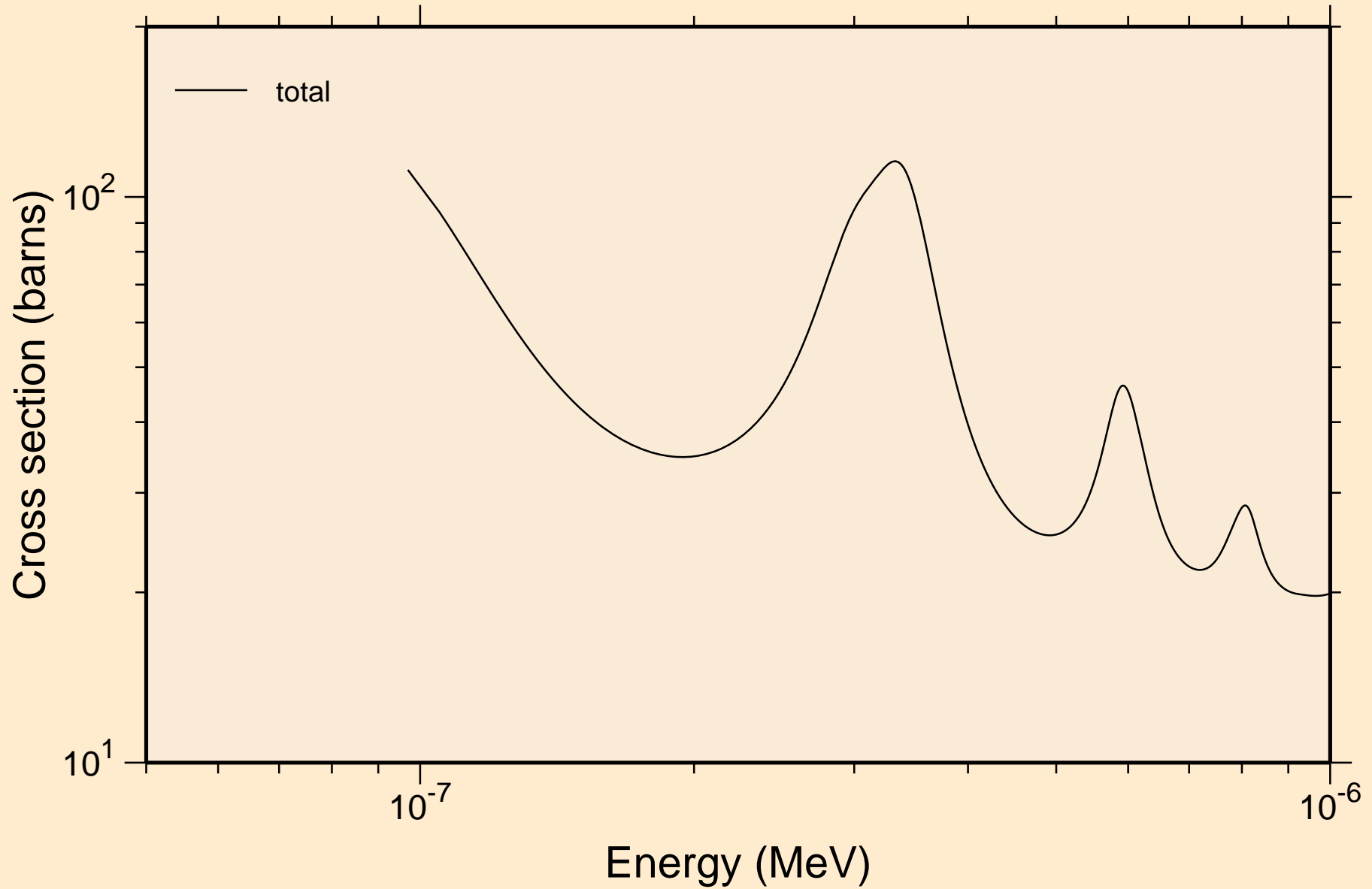


# RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

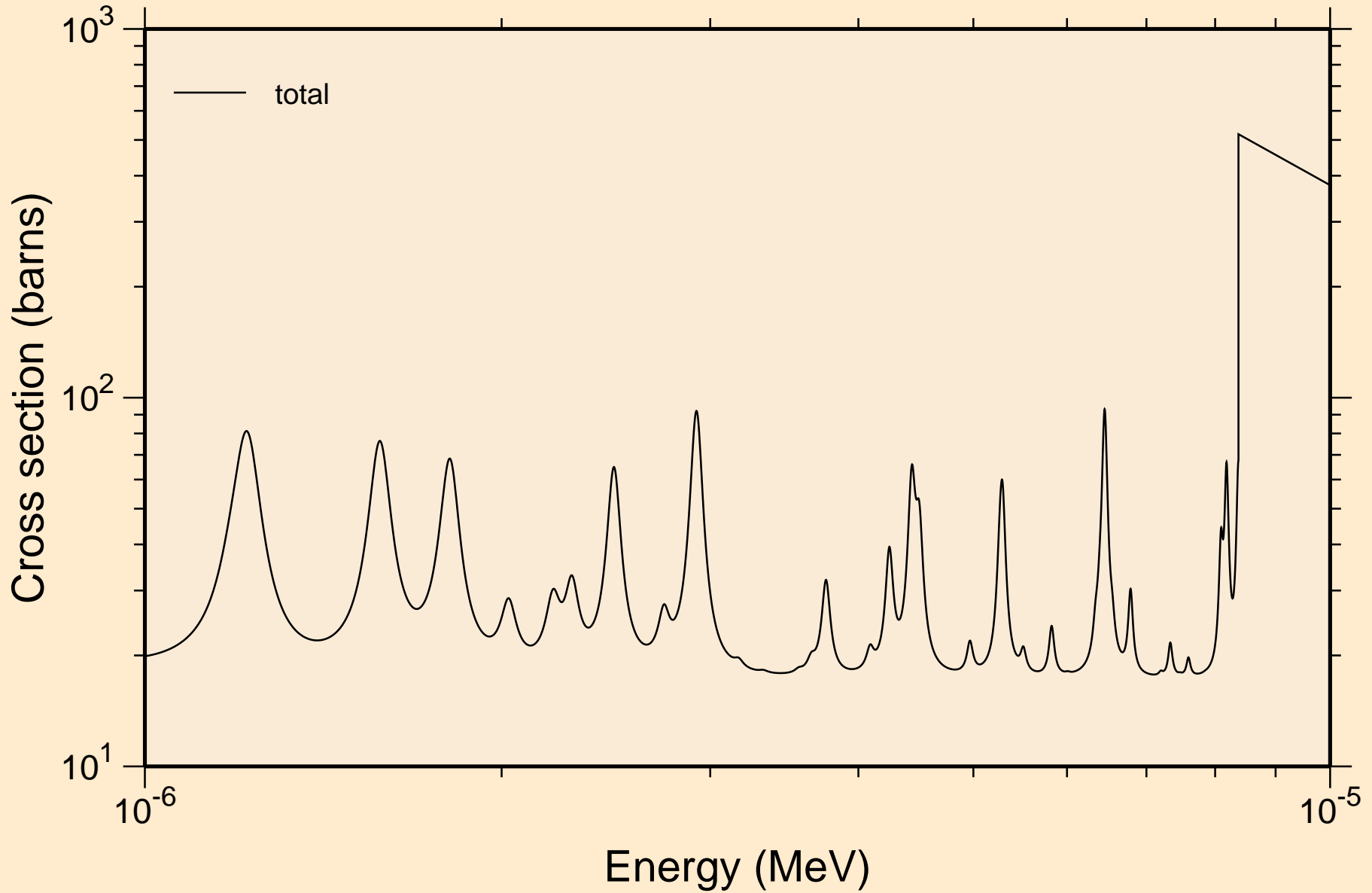
## Principal cross sections



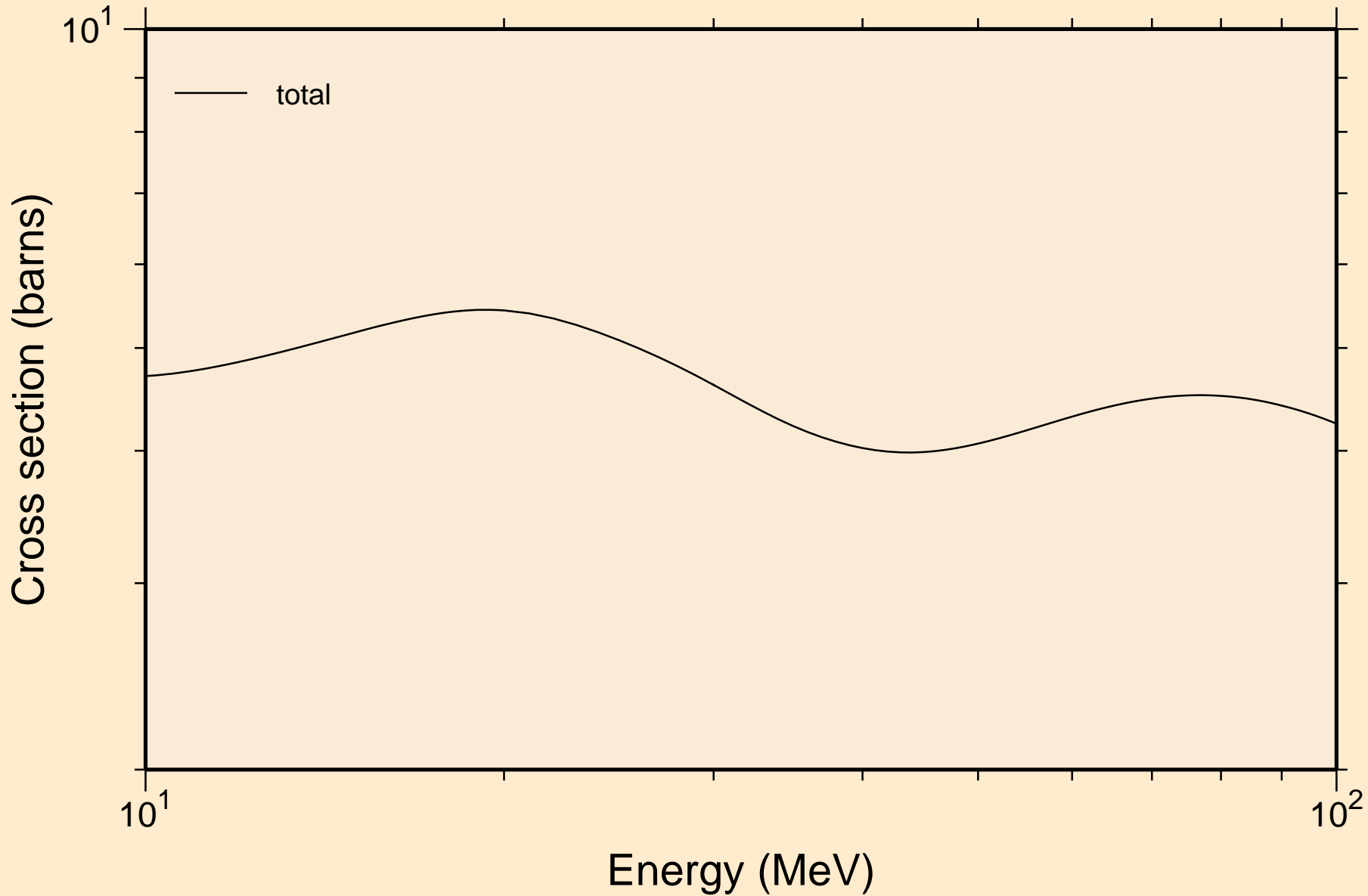
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



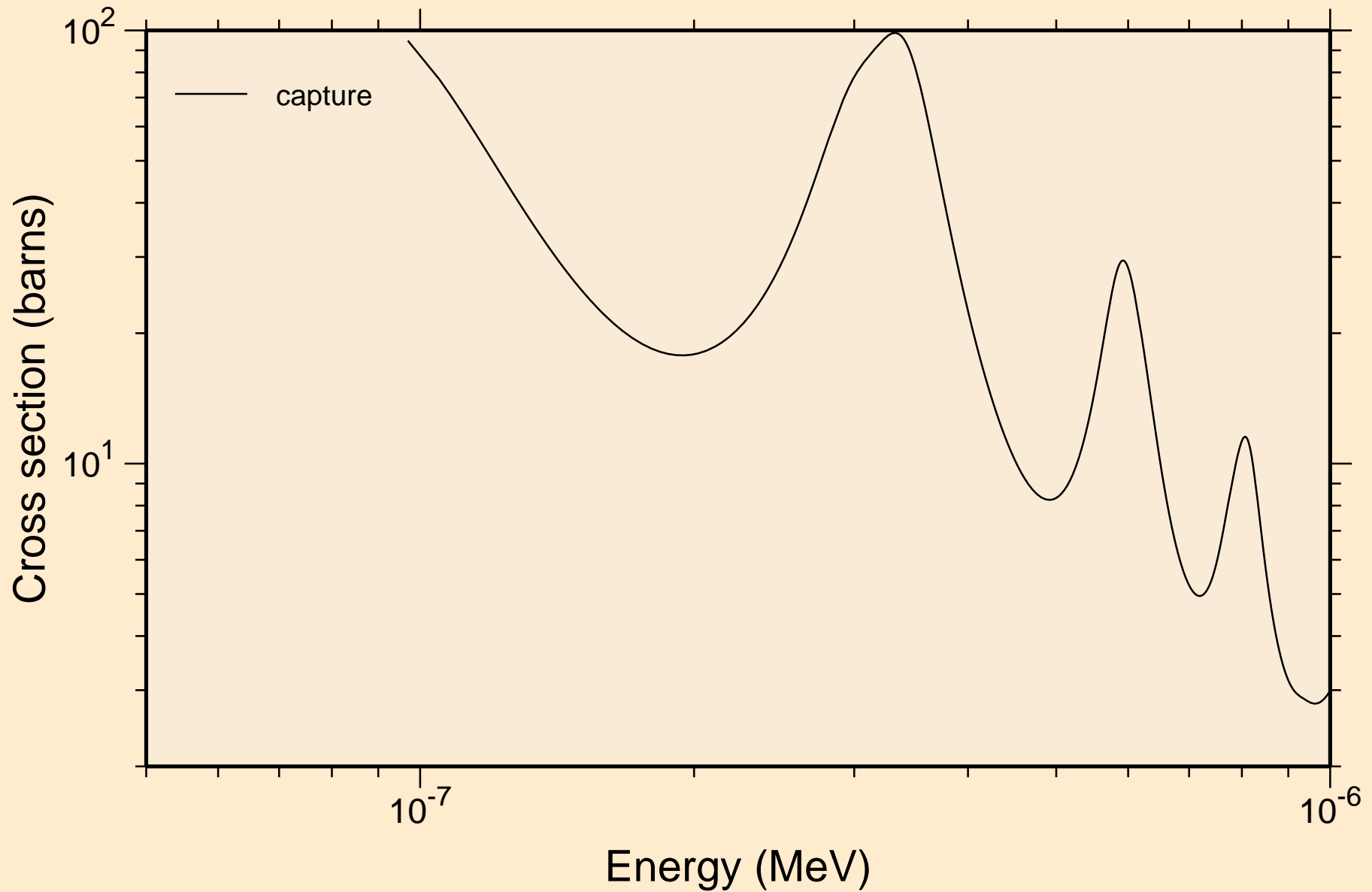
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



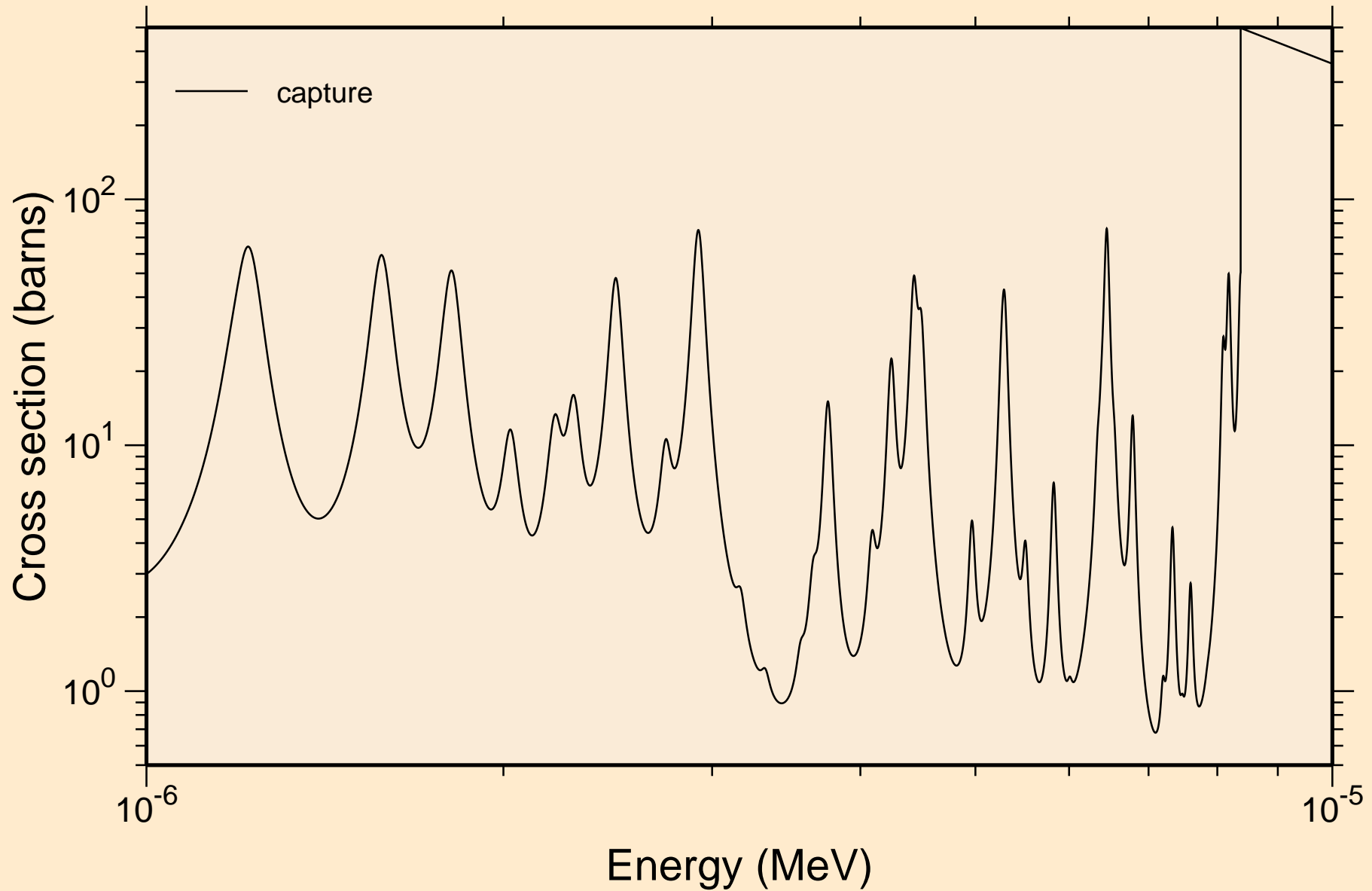
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



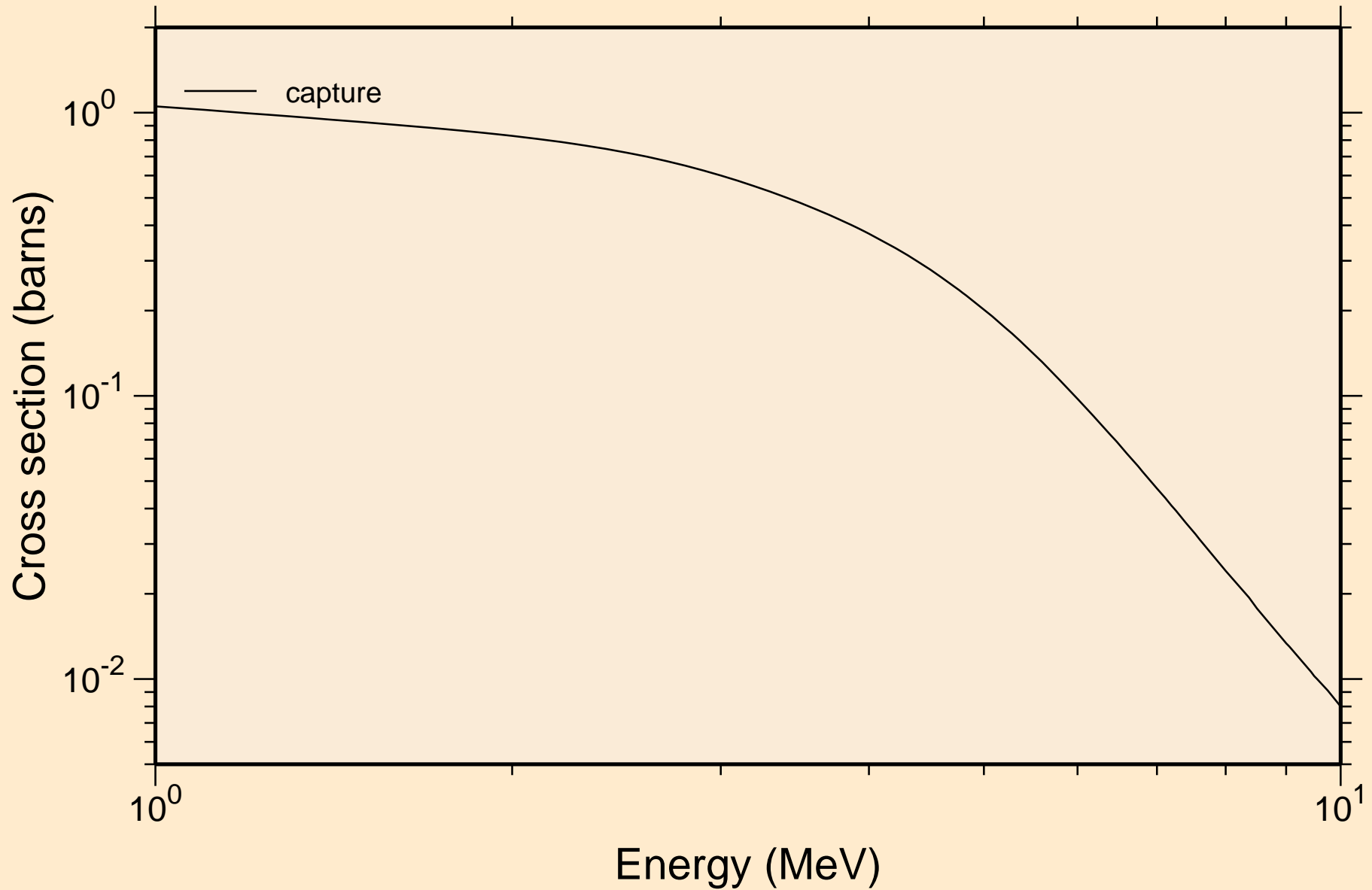
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

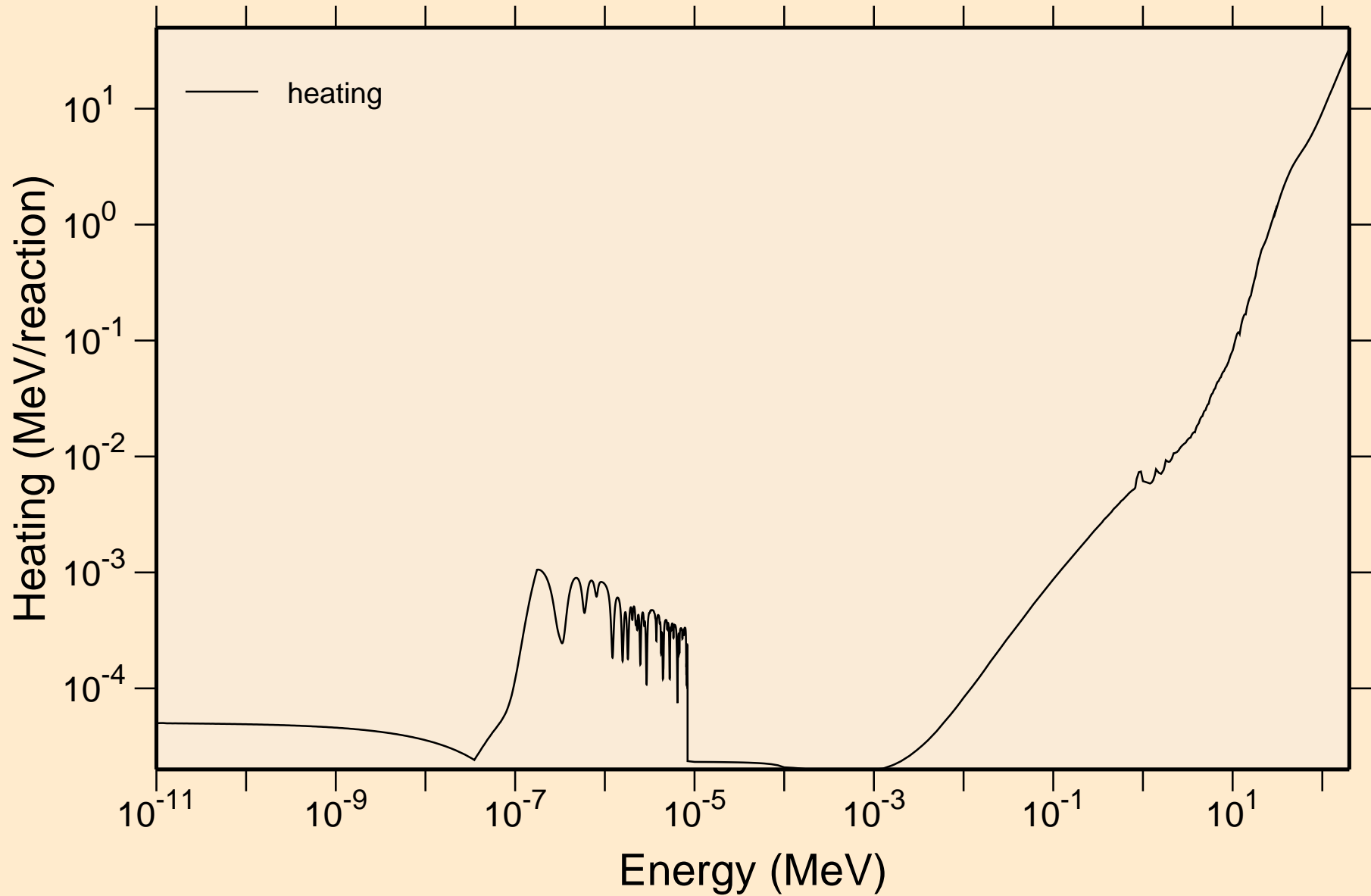


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



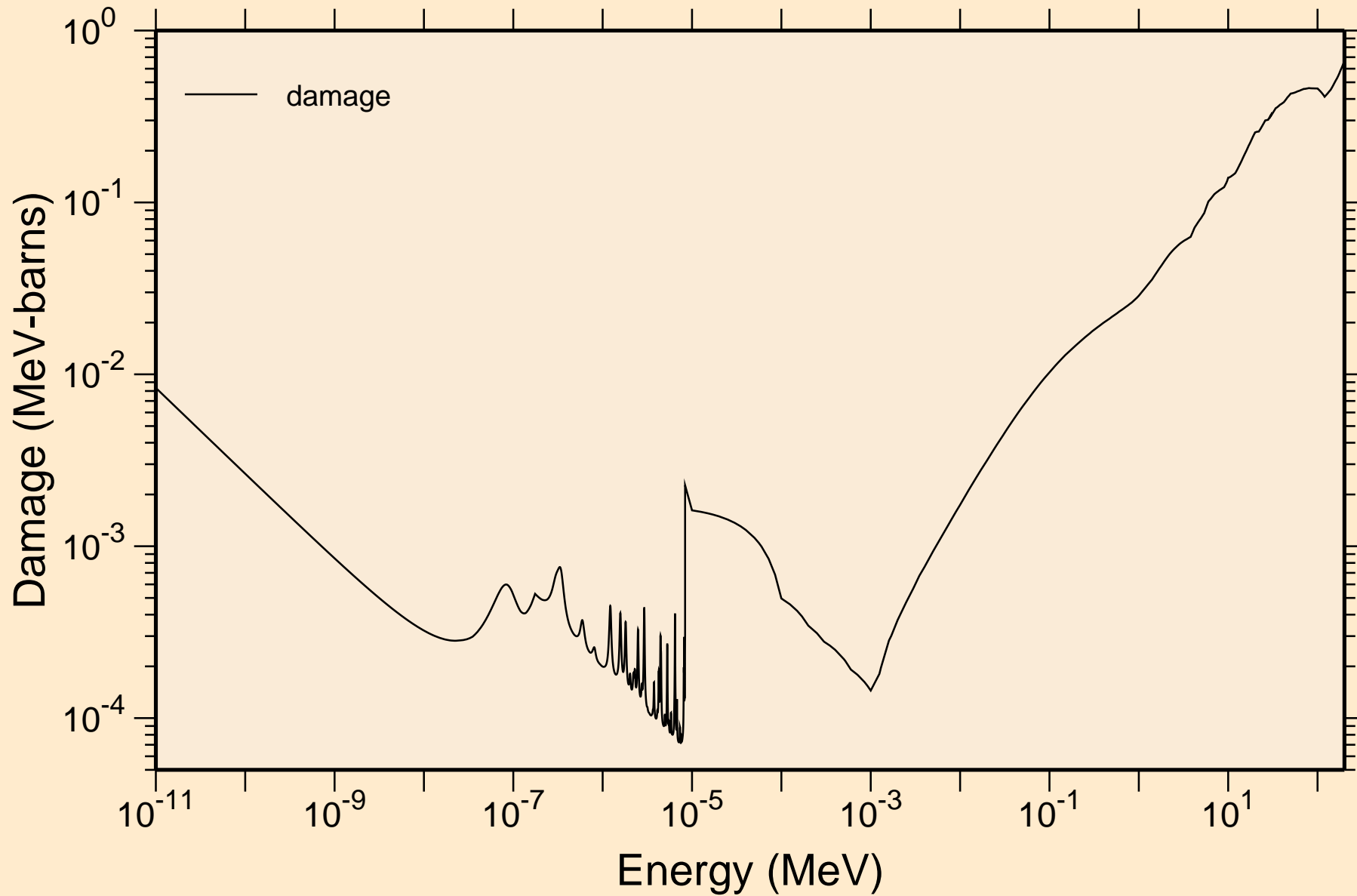
# RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

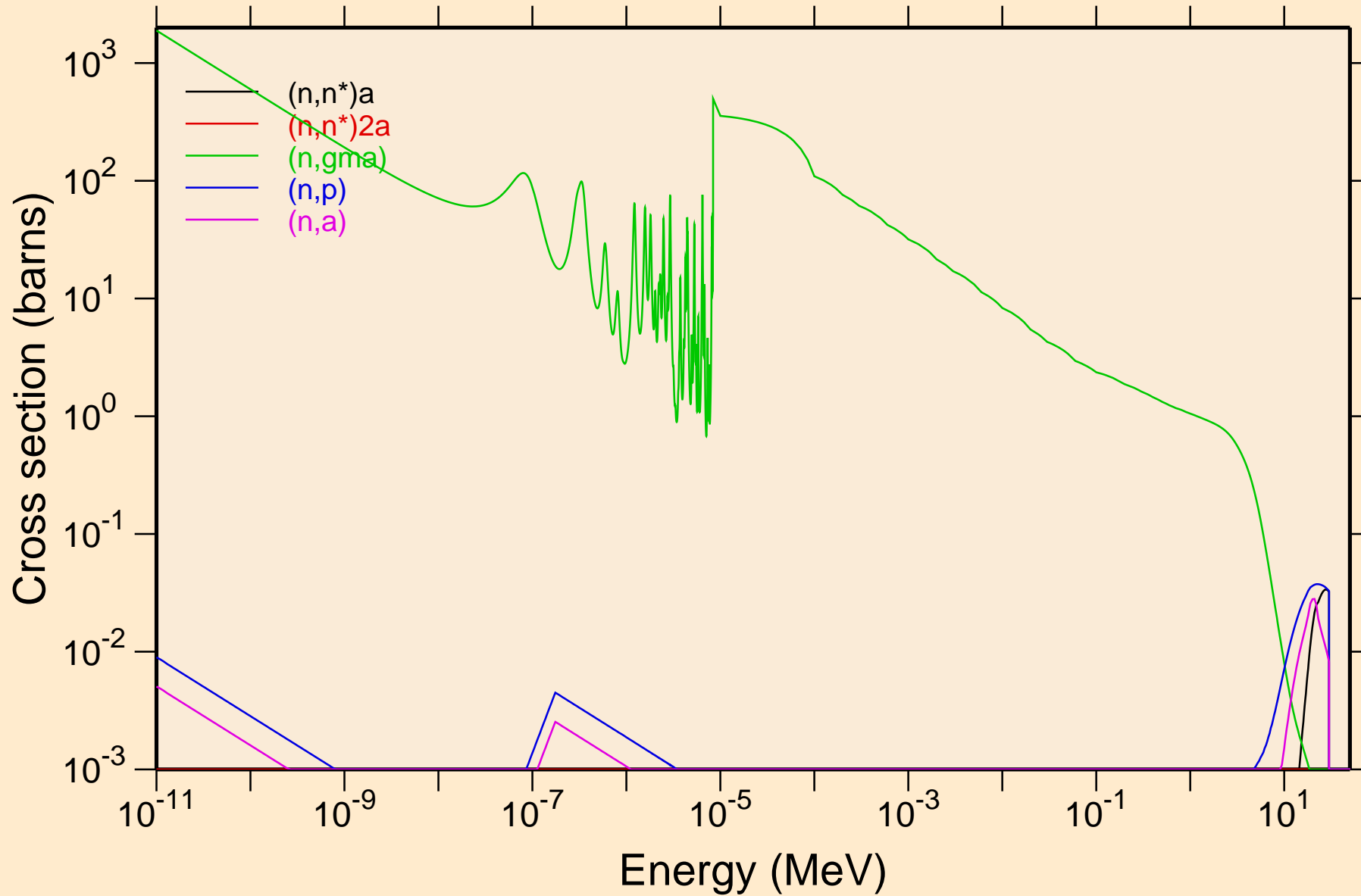




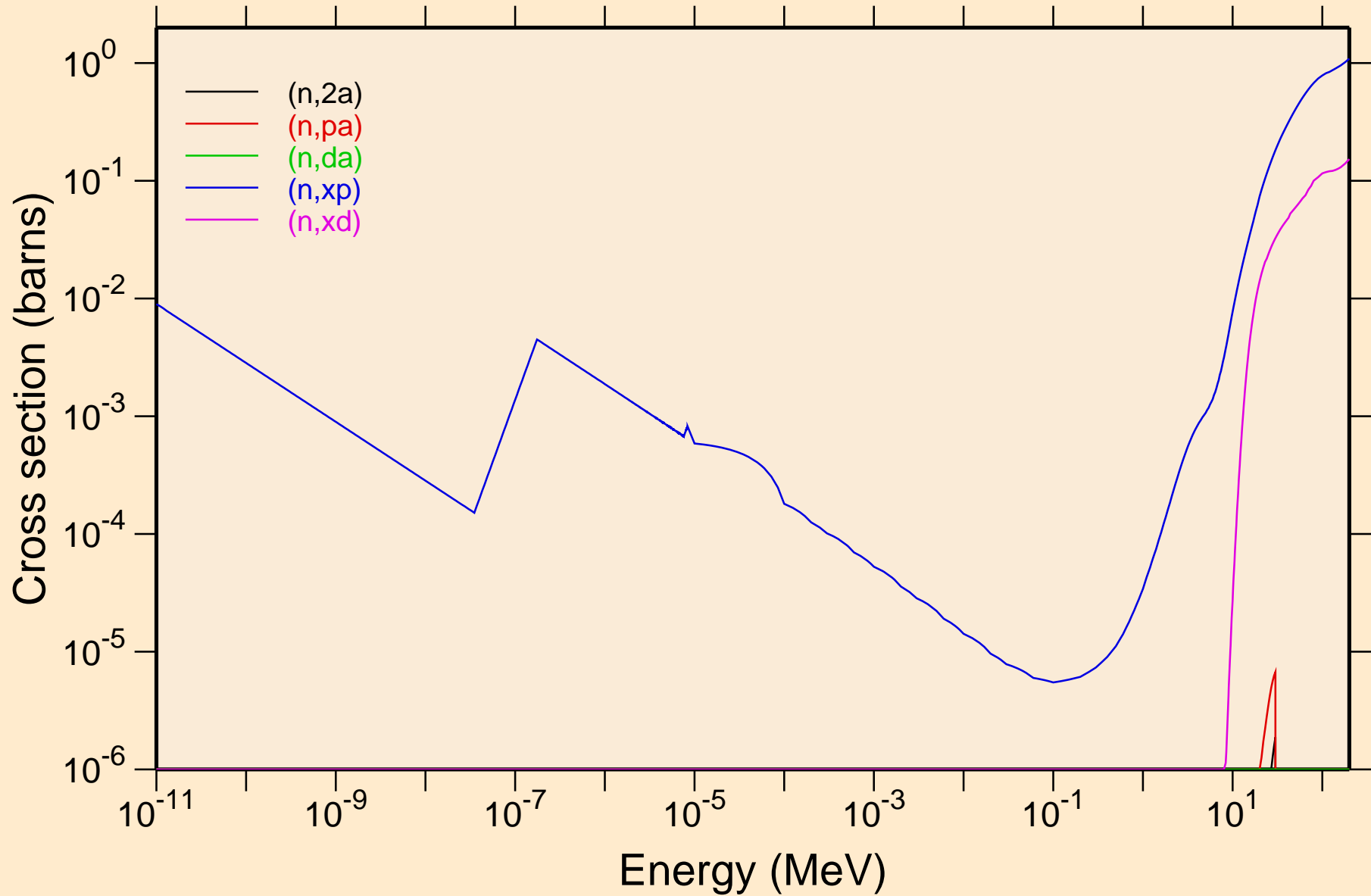
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



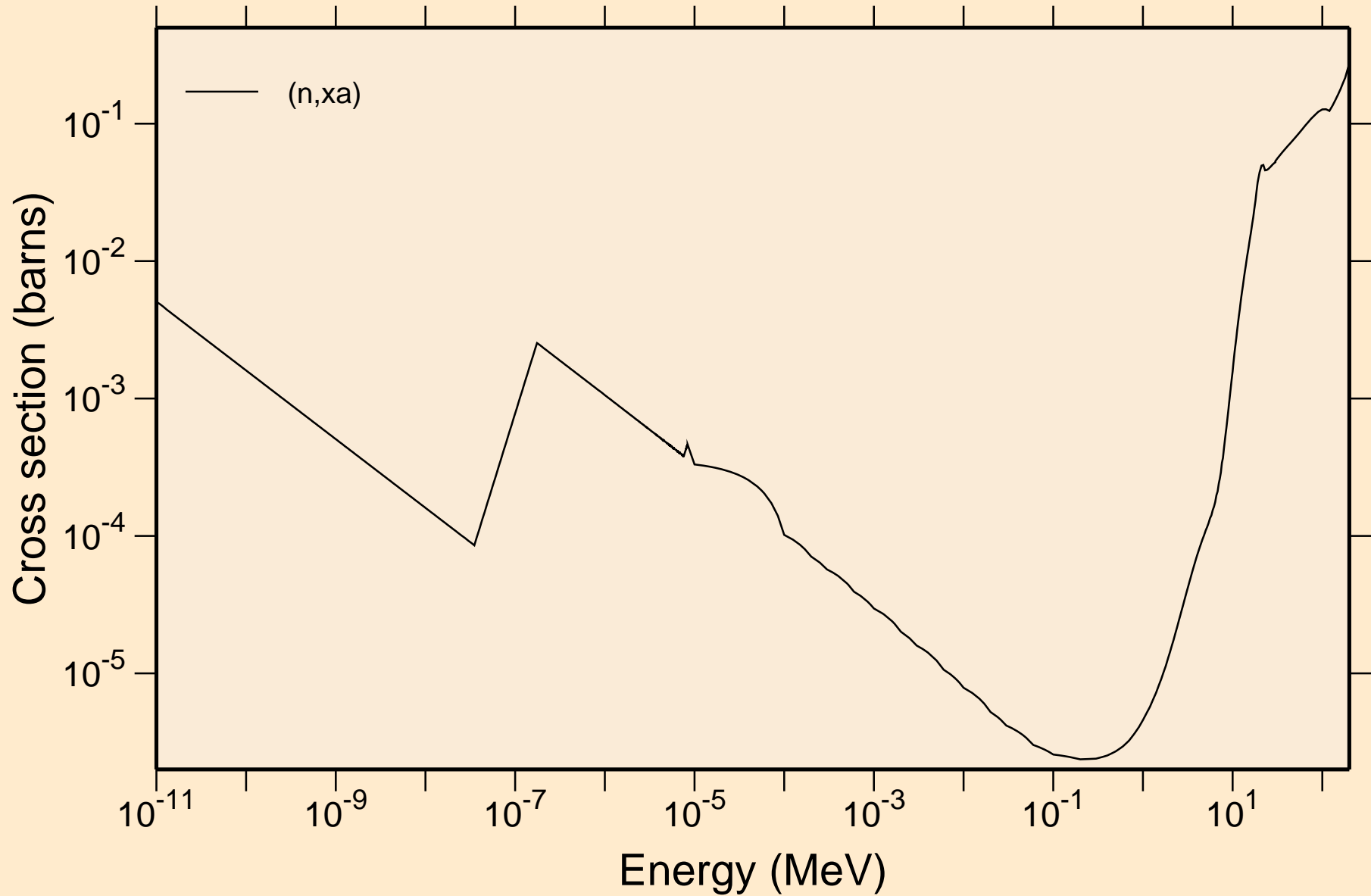
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

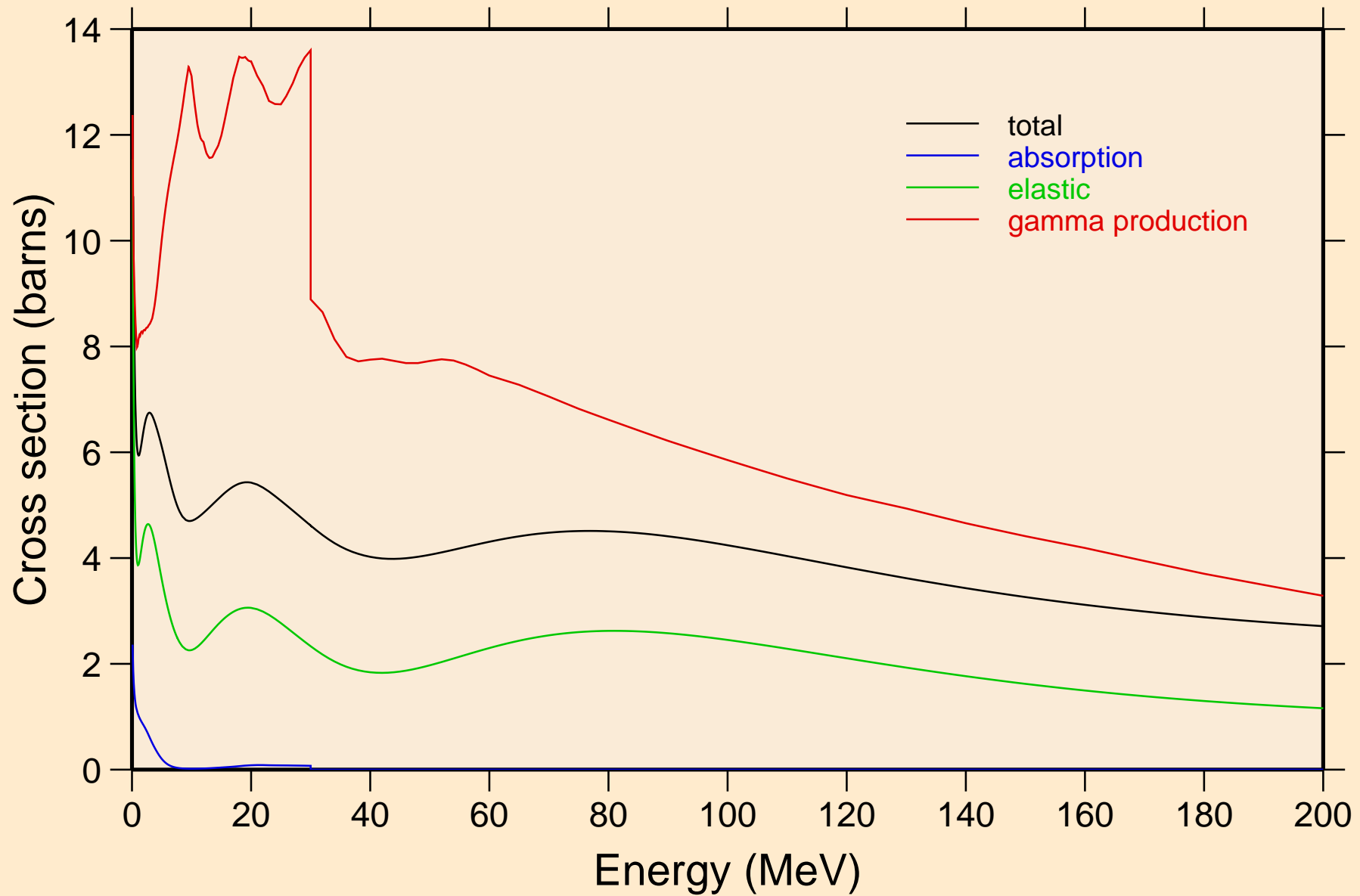


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



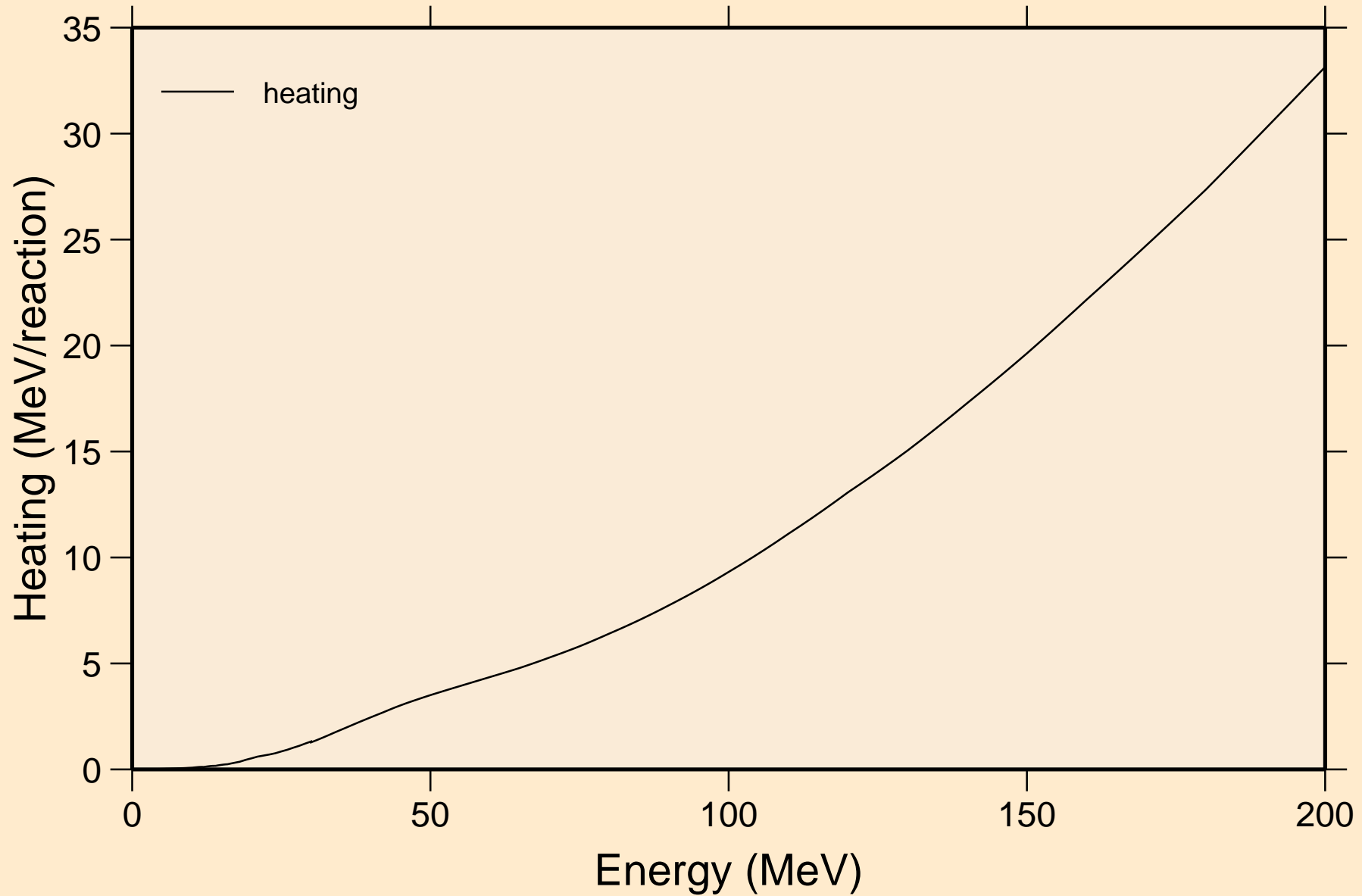
# RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

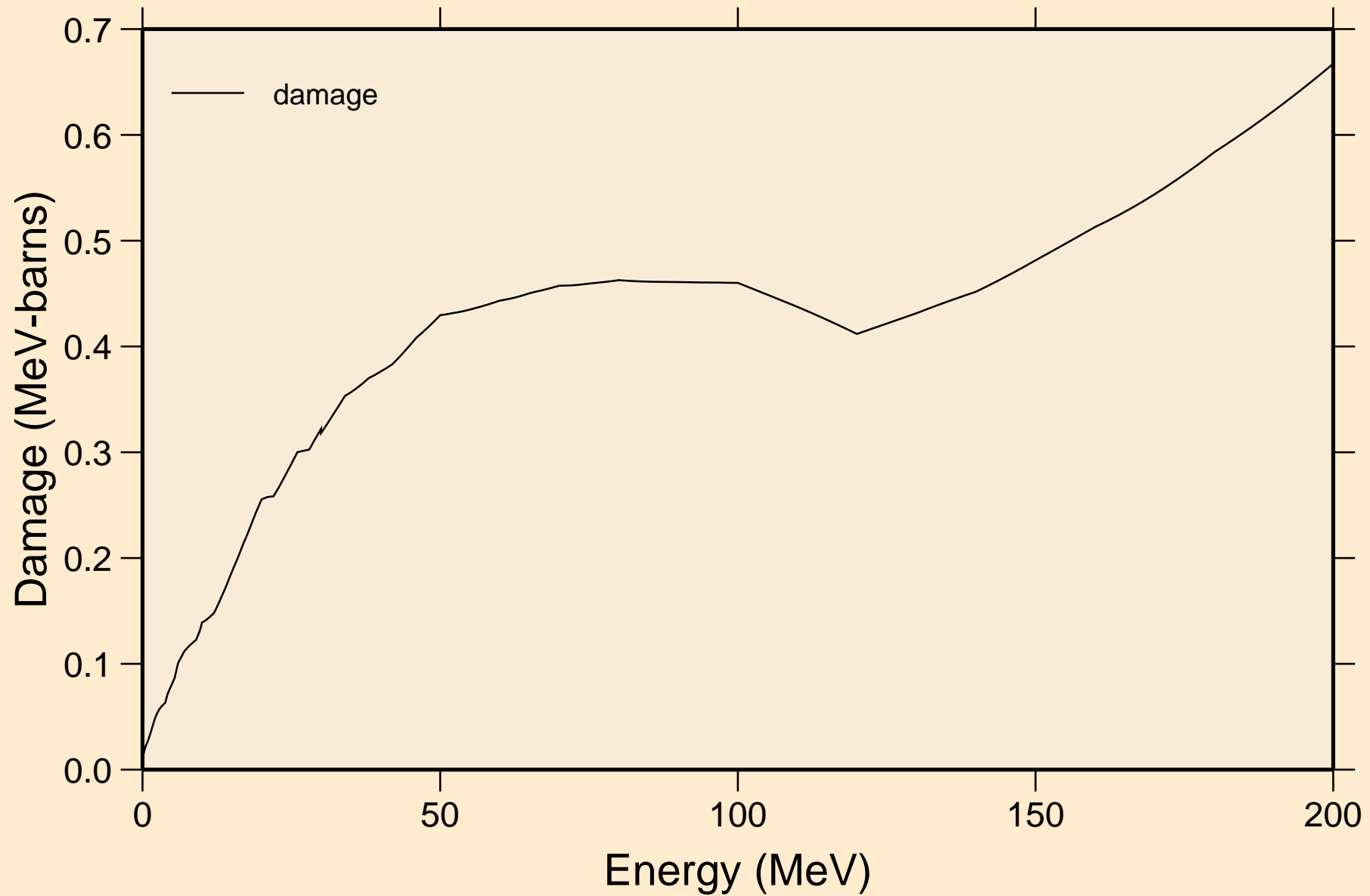


# RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

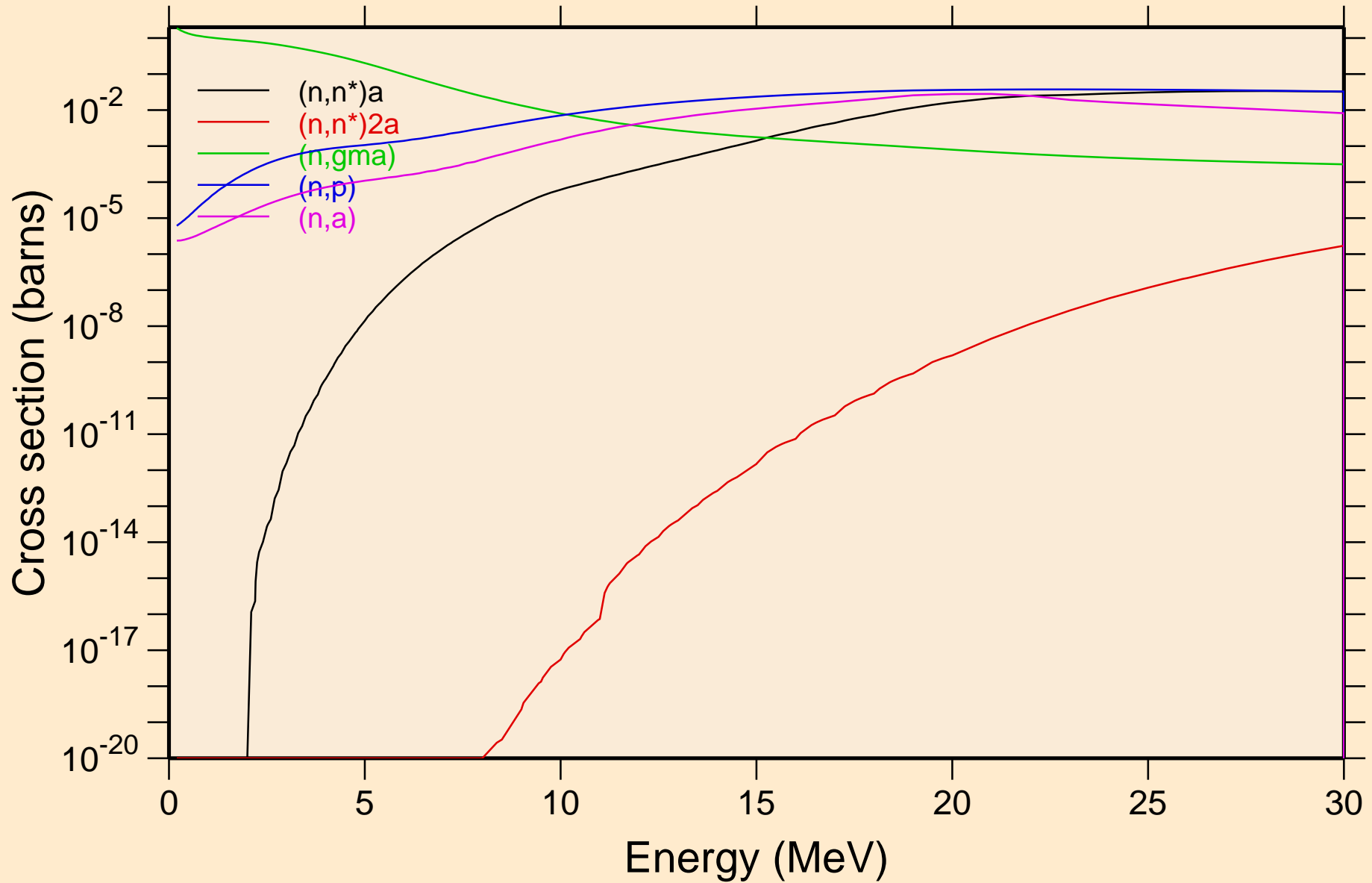
## Heating



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

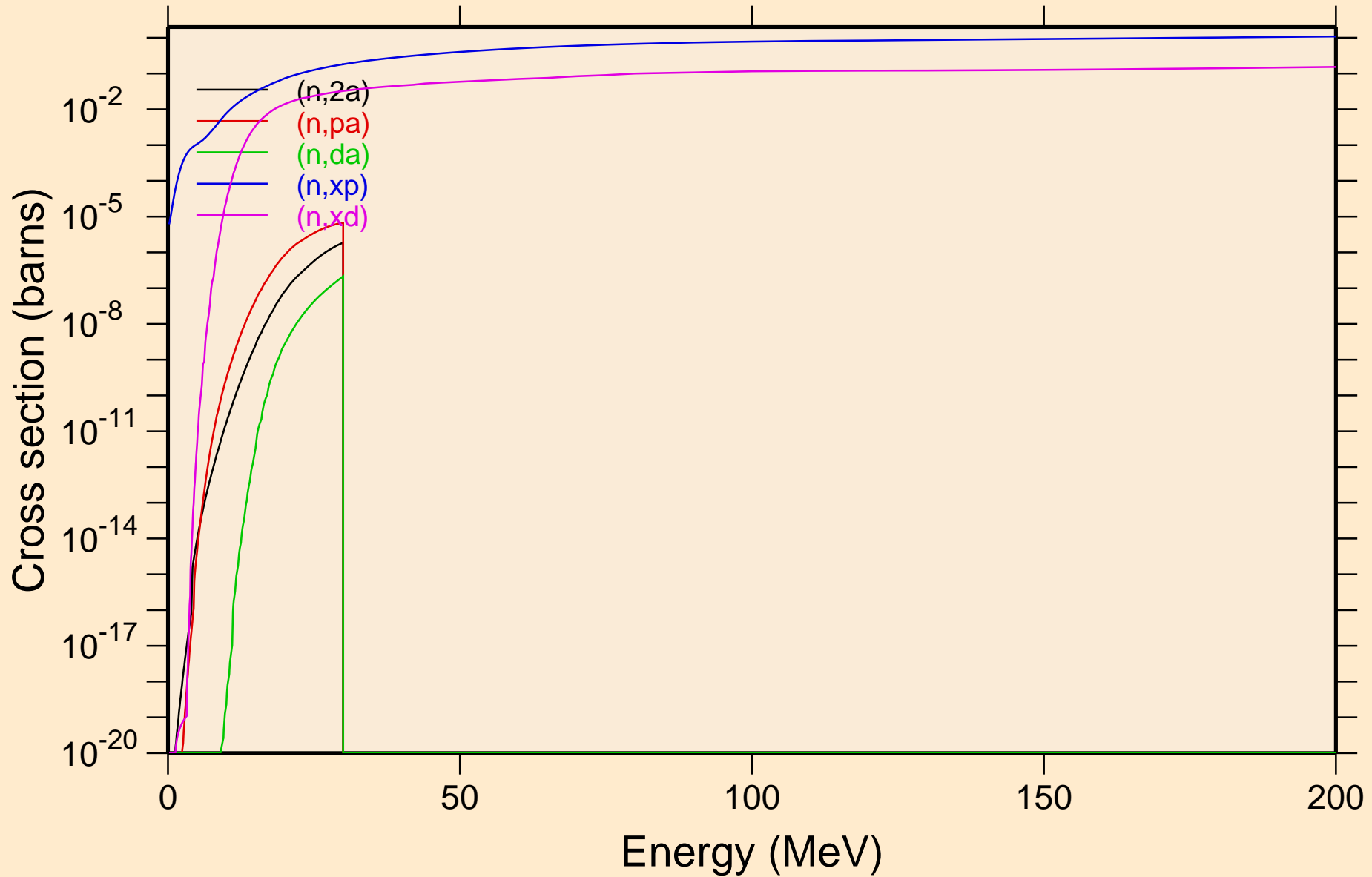


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

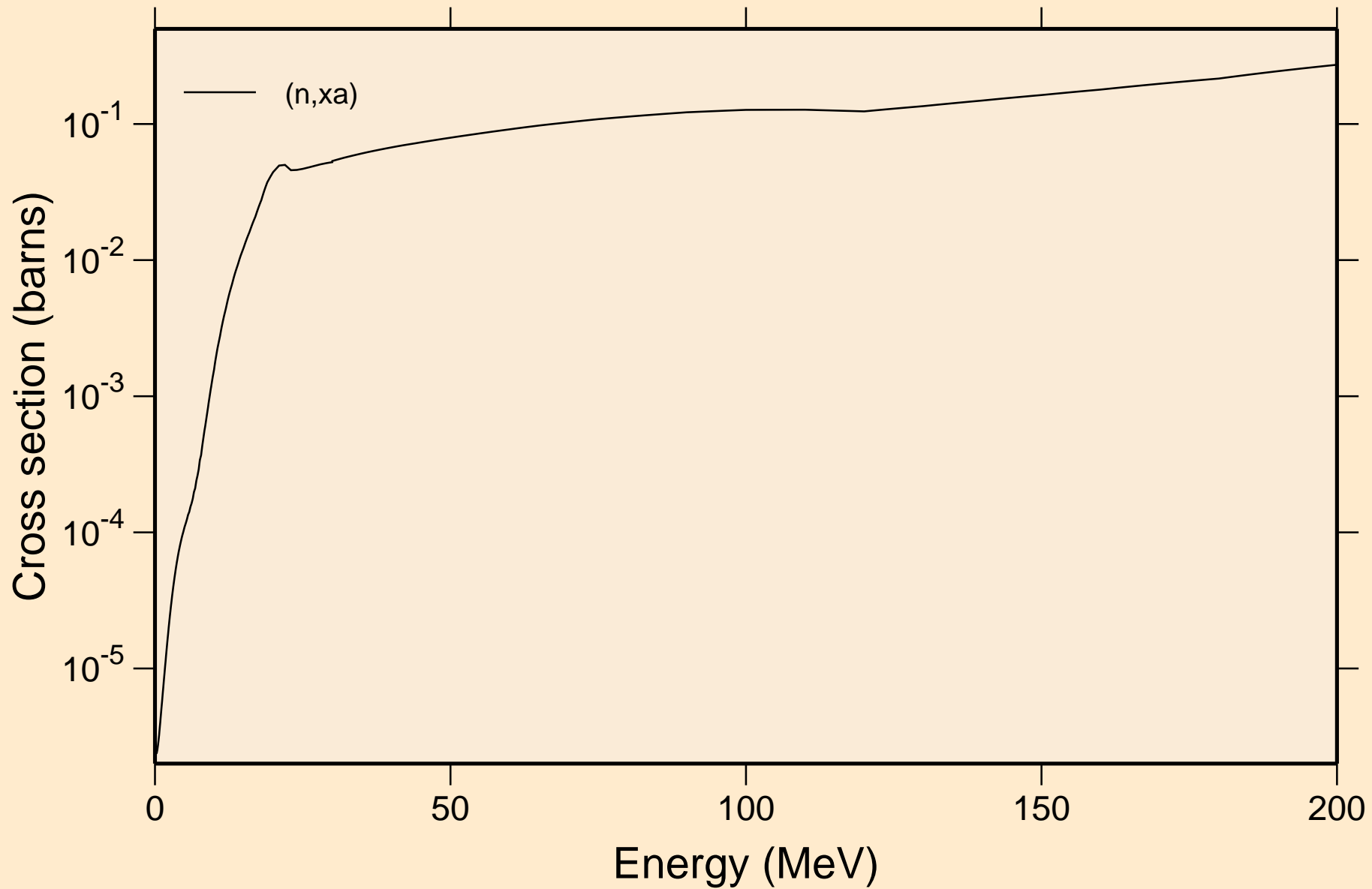




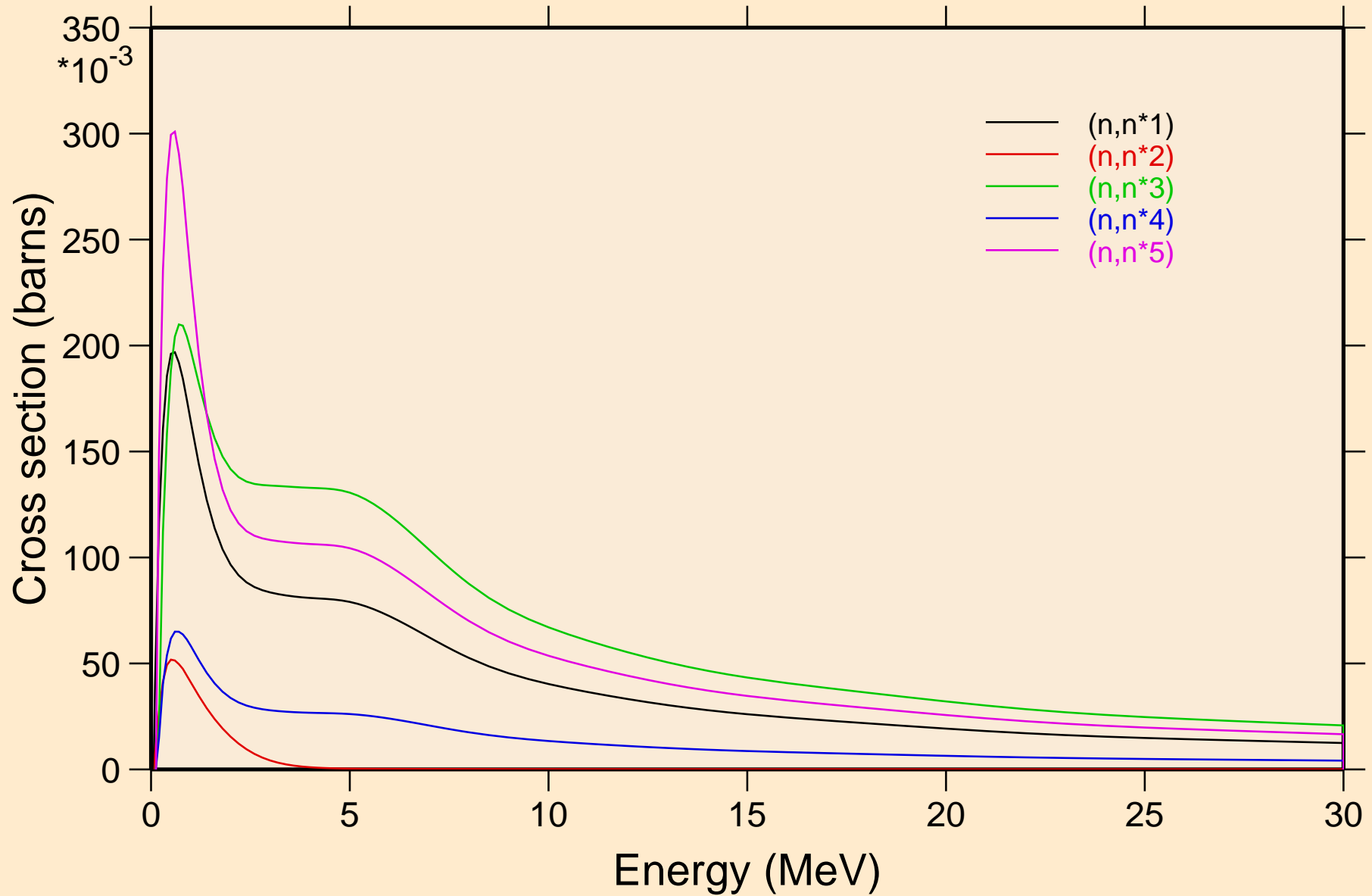
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



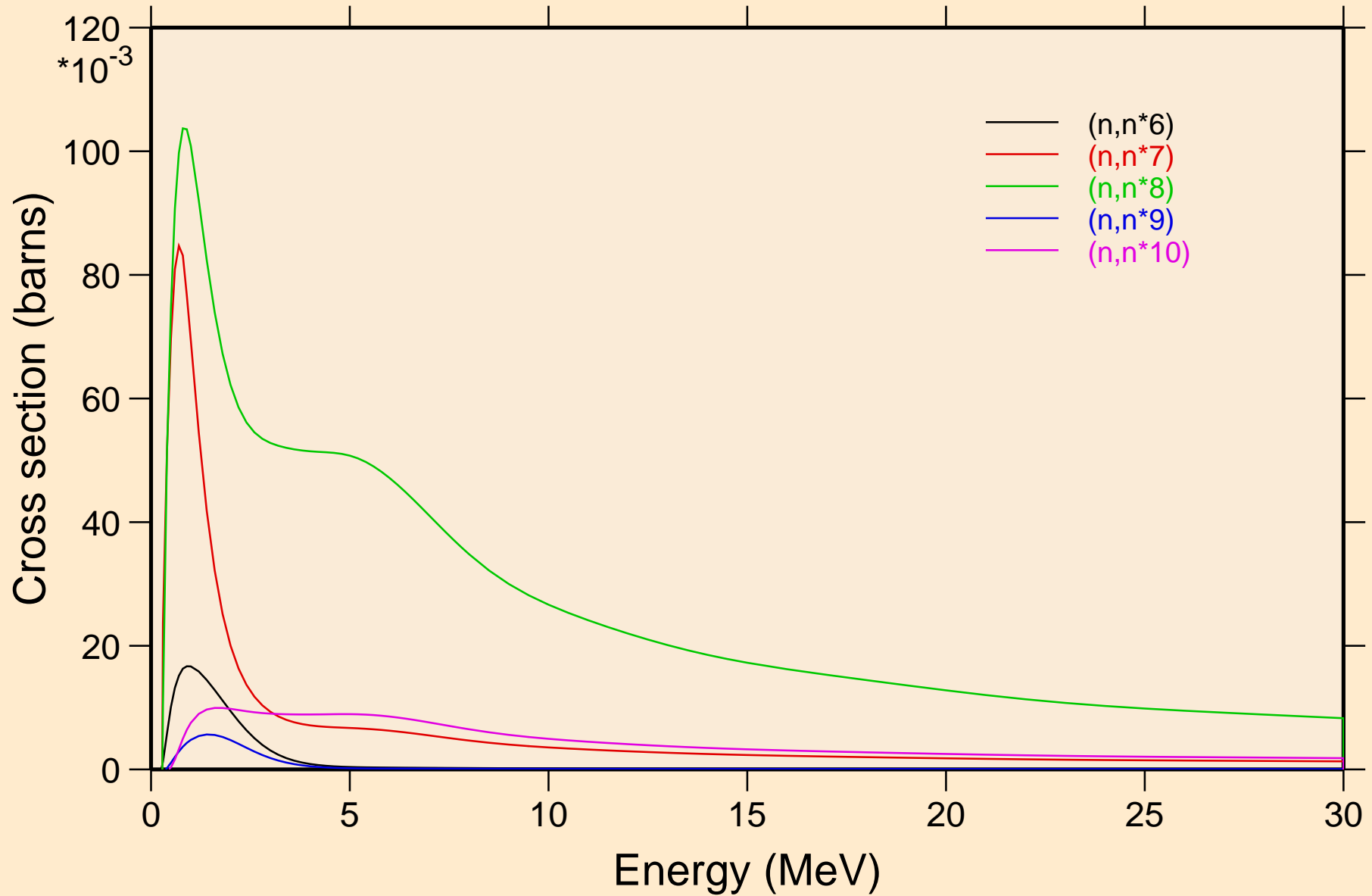
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Non-threshold reactions



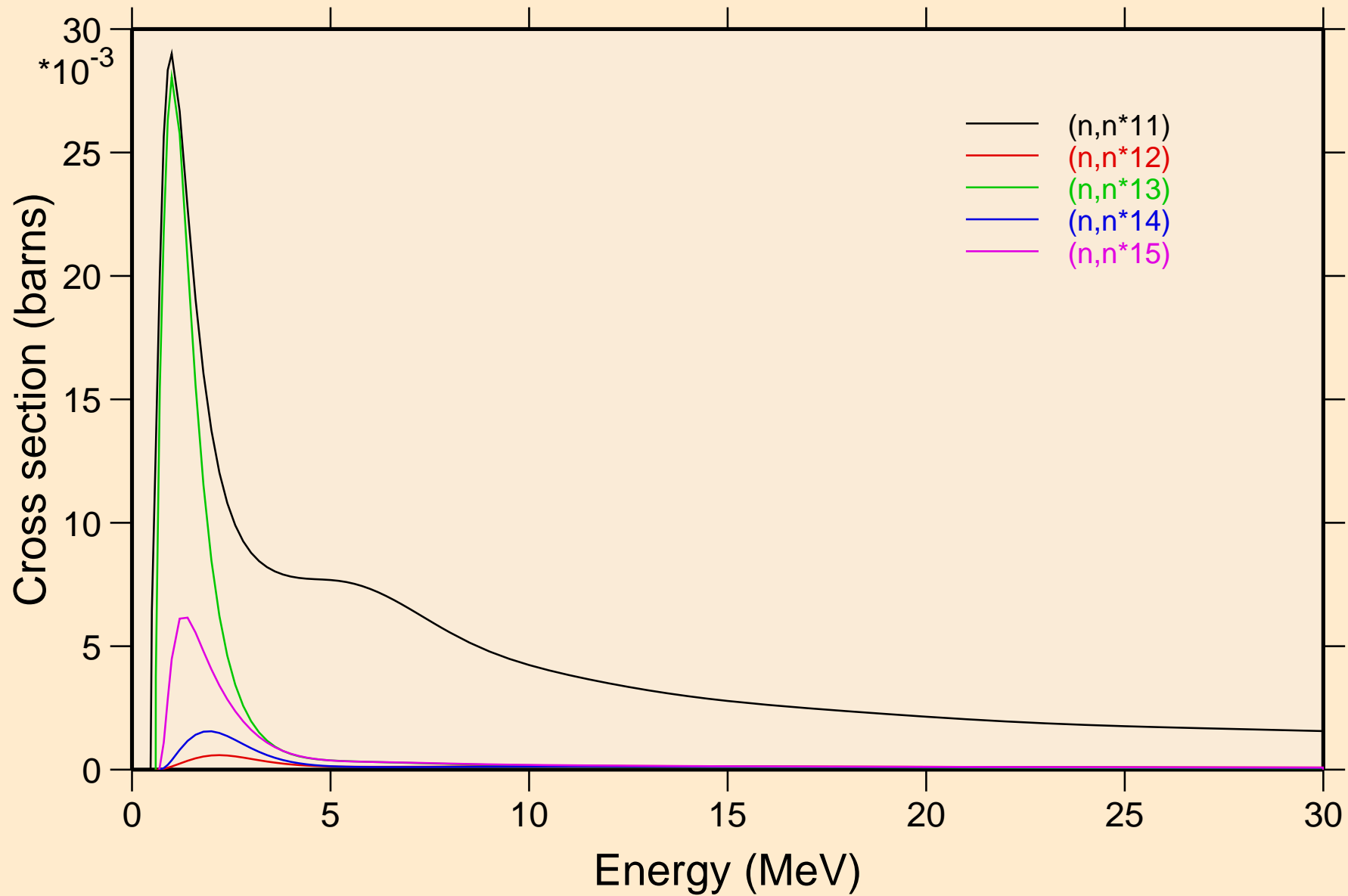
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



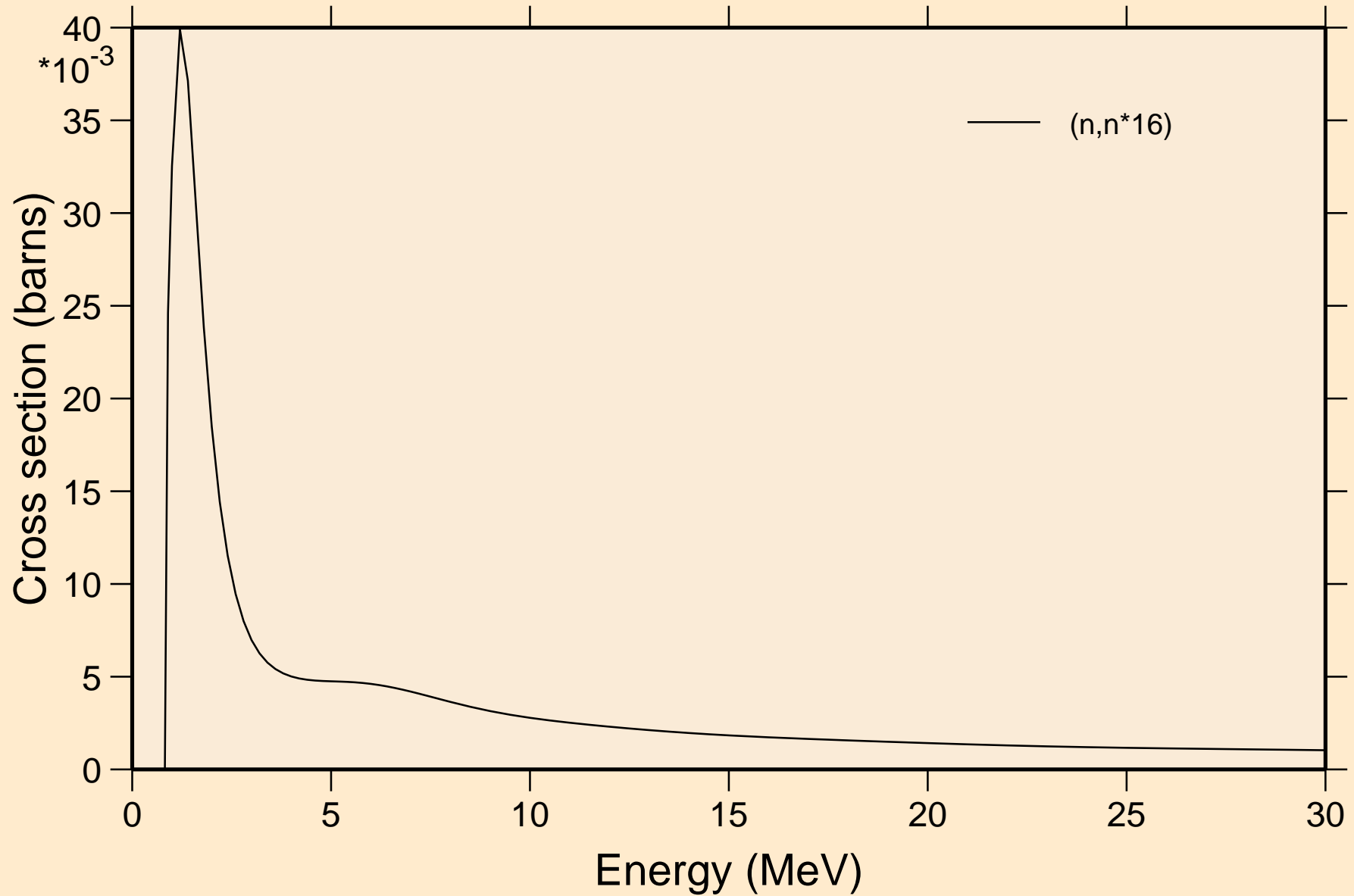
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



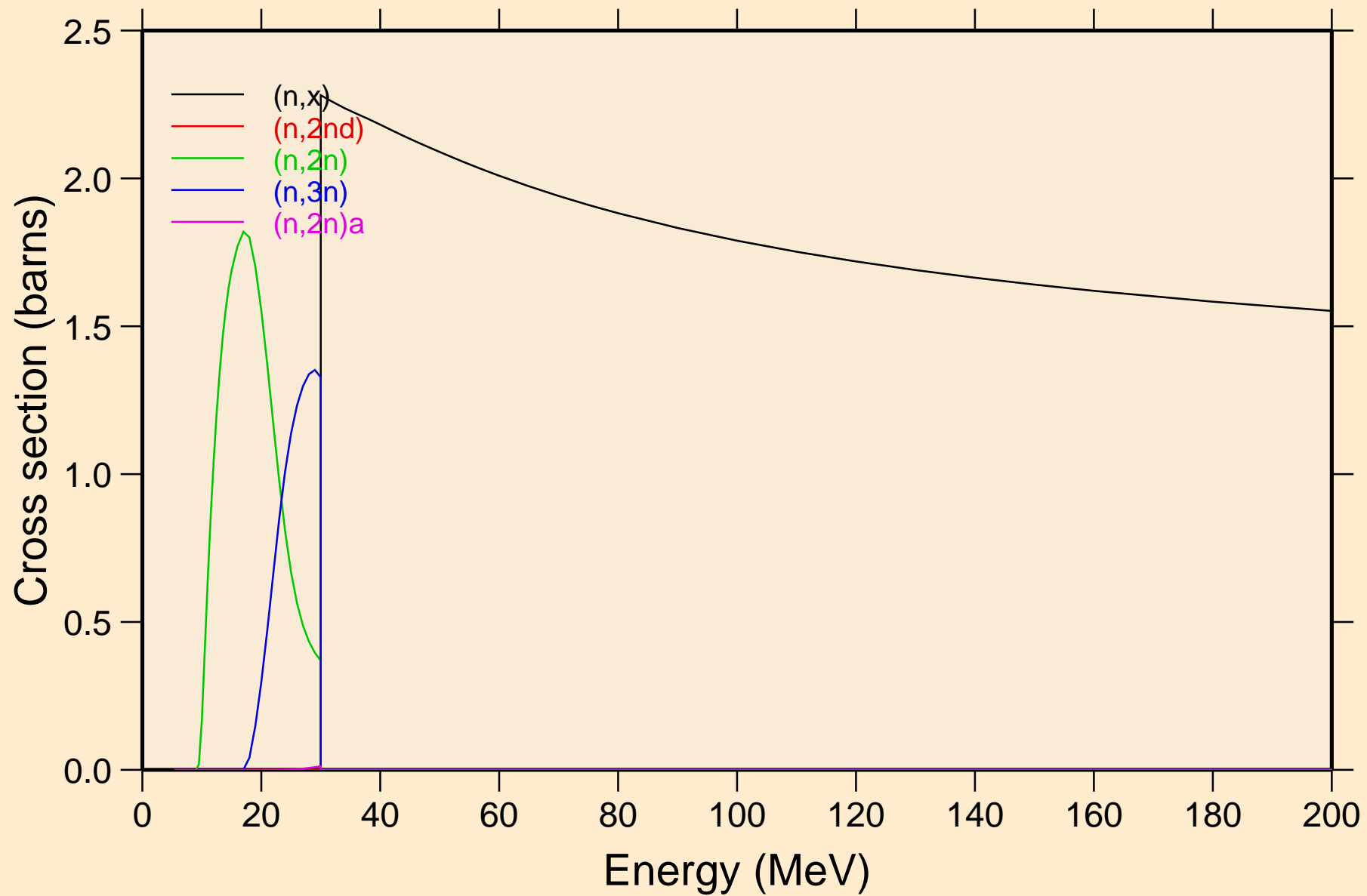
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



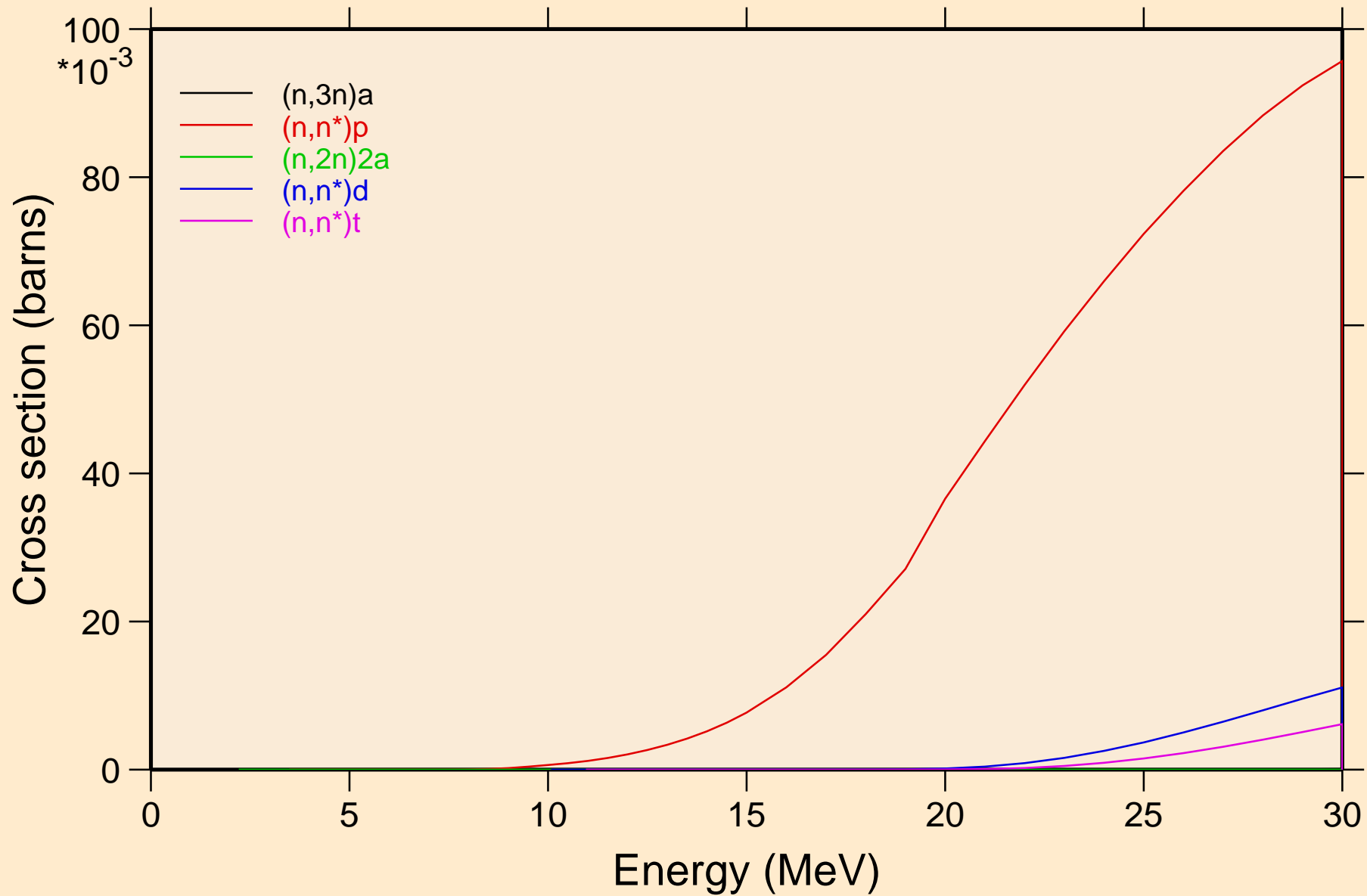
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

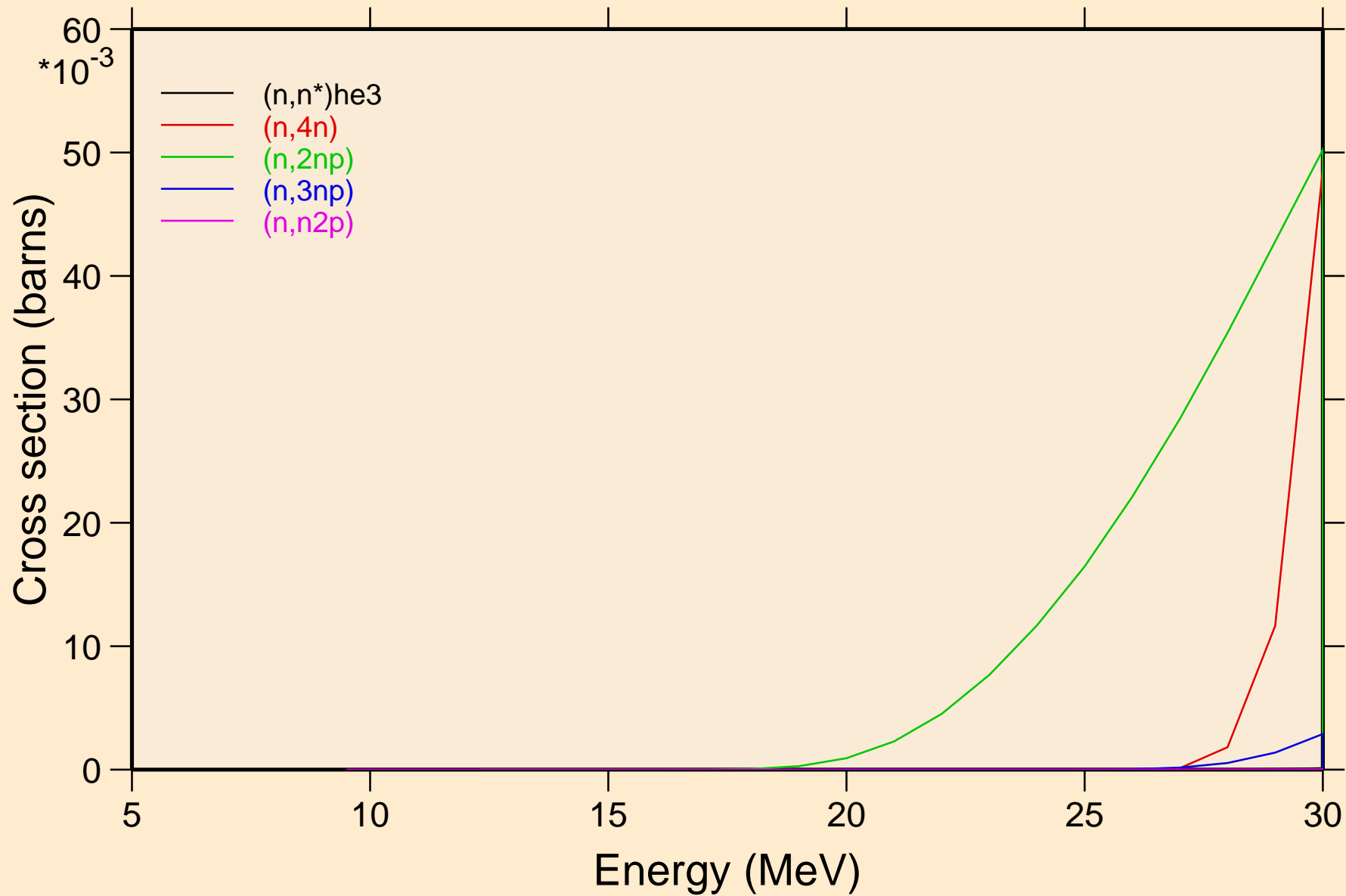


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

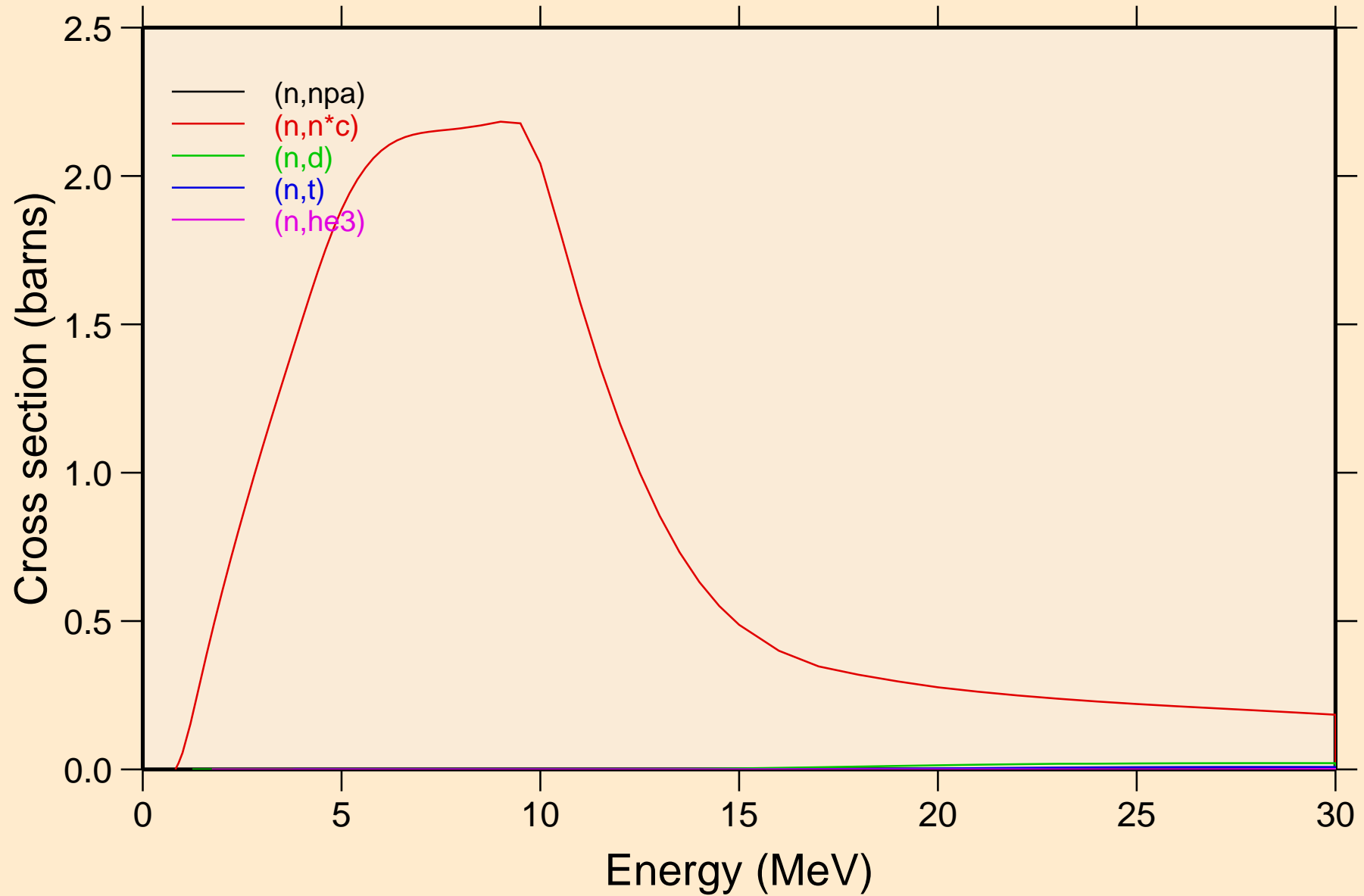




RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

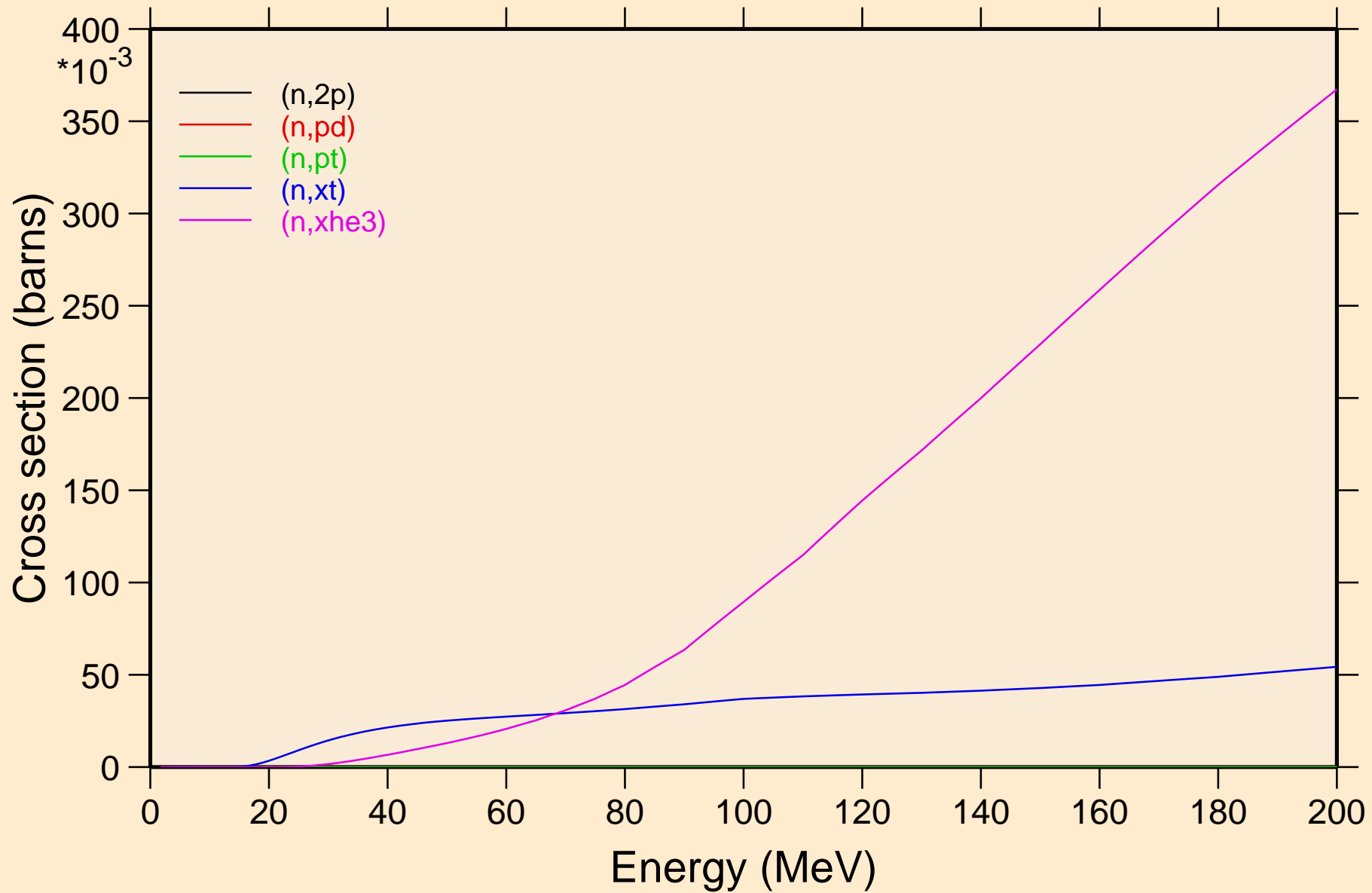


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

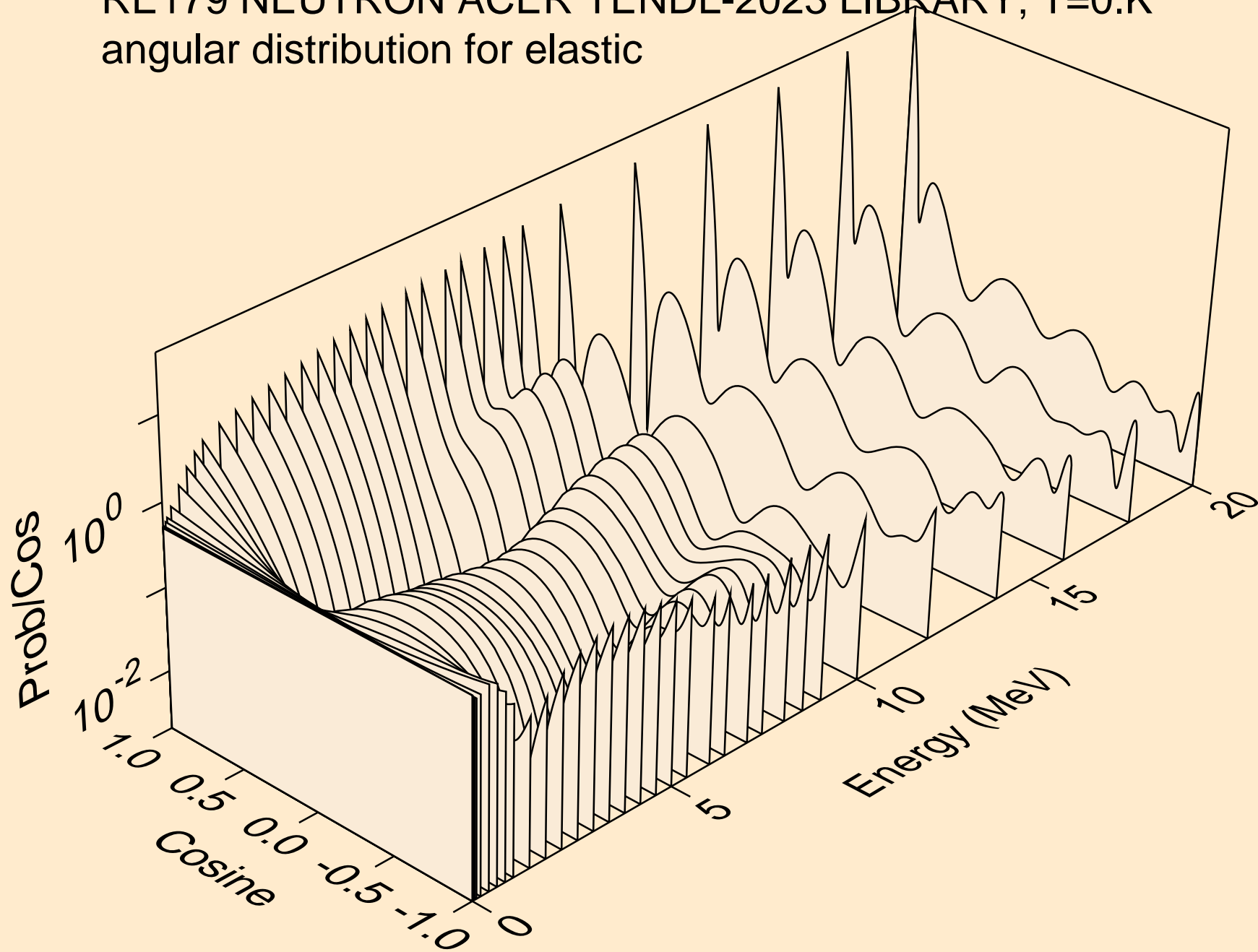


# RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

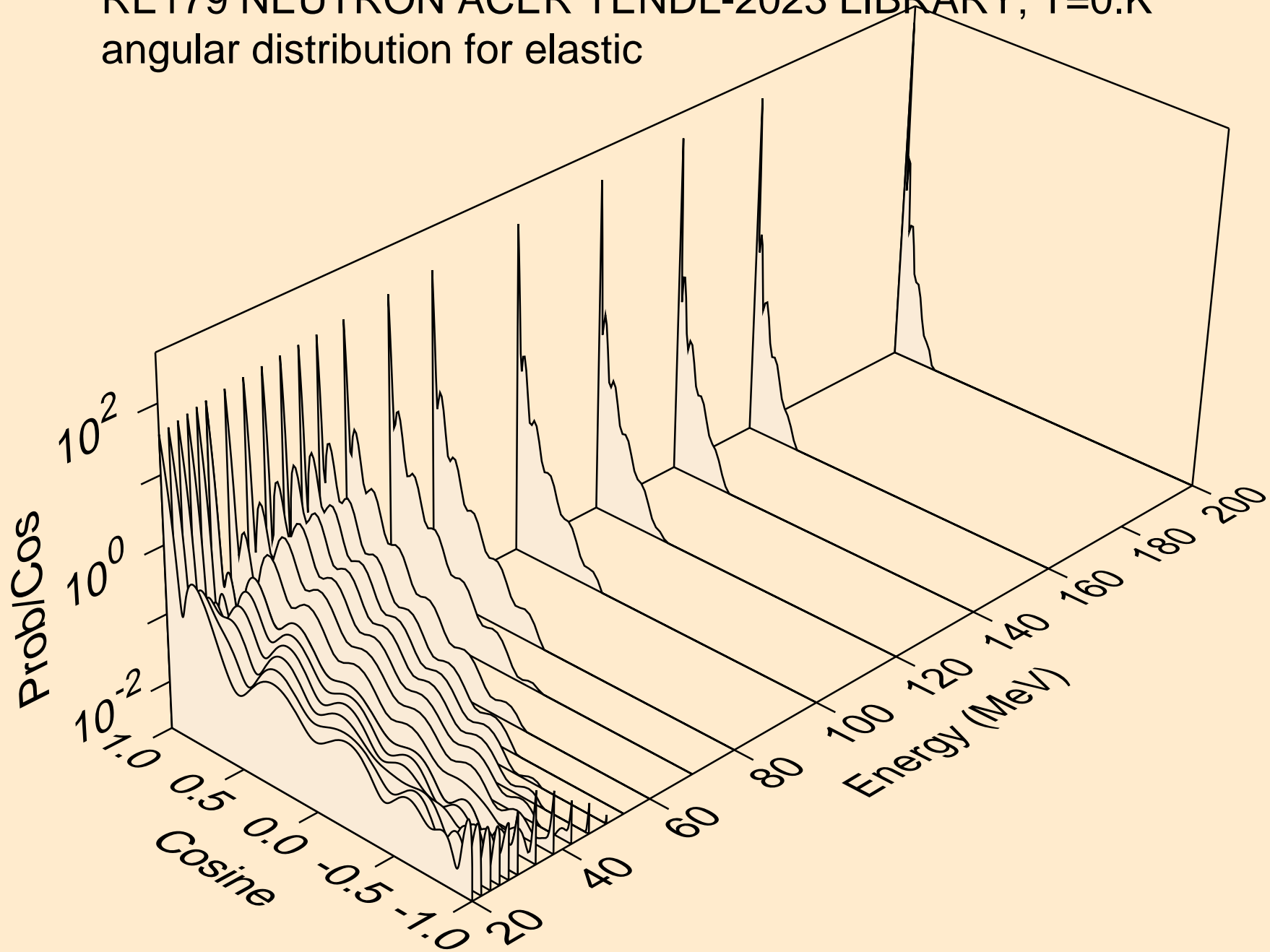
## Threshold reactions



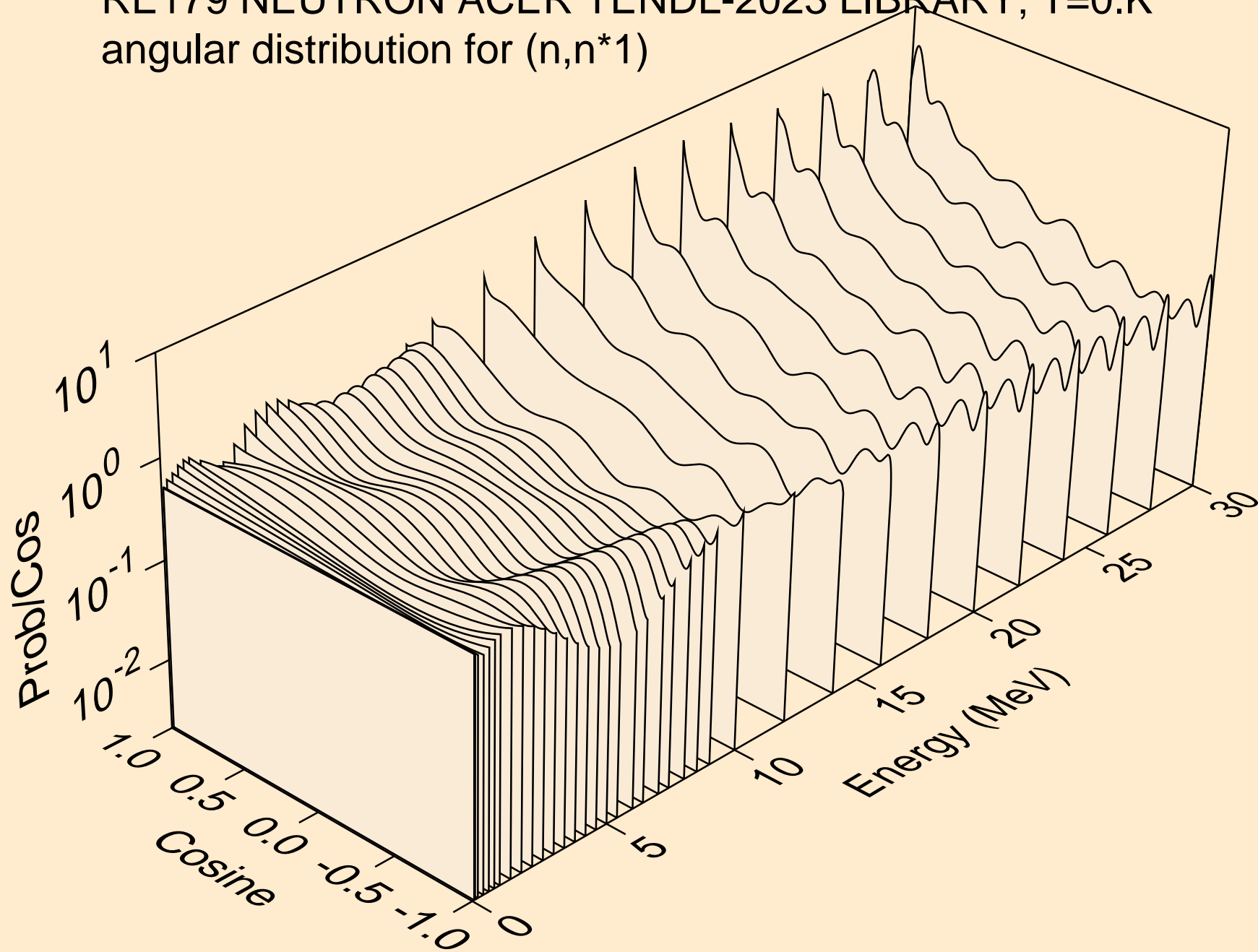
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



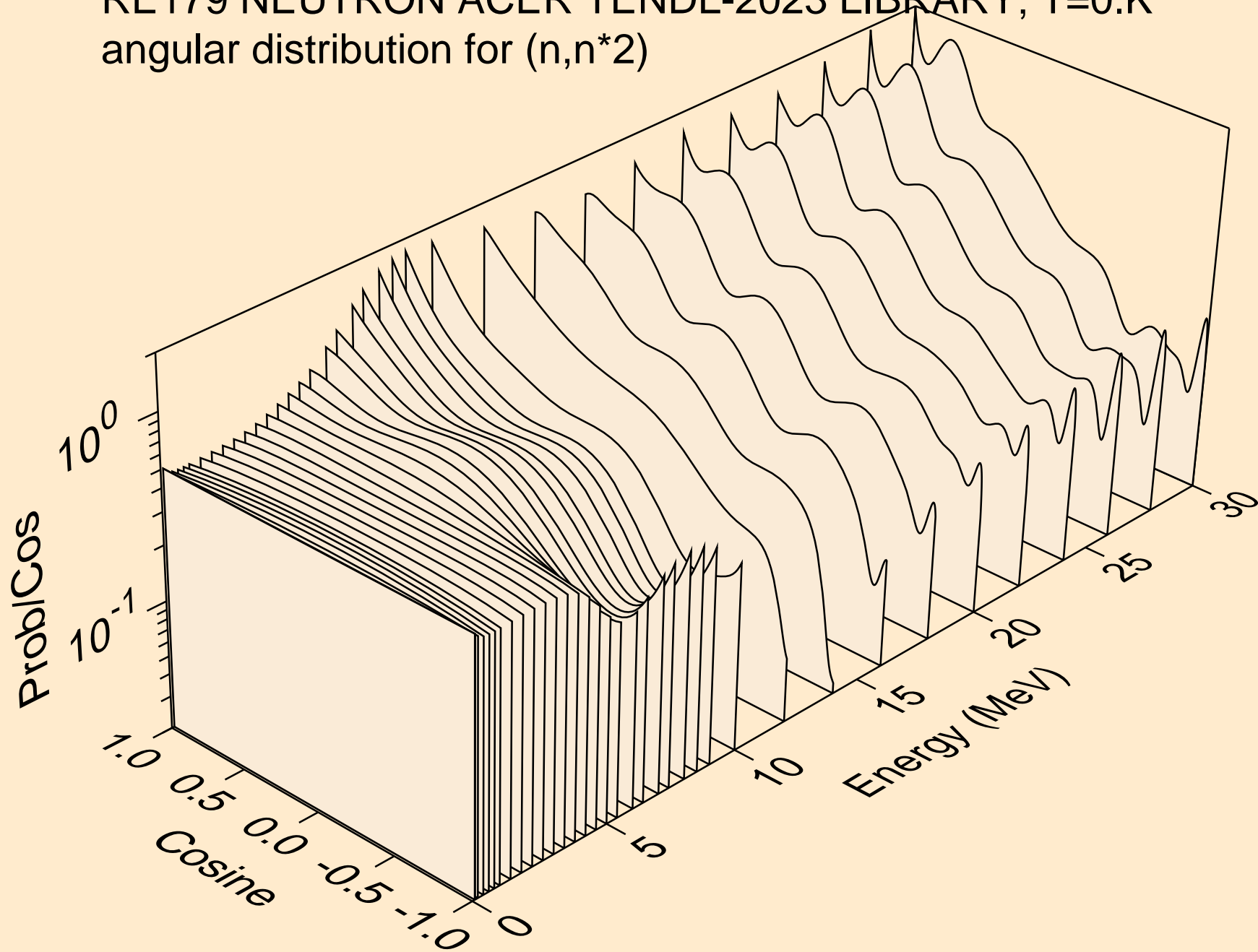
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angular distribution for elastic



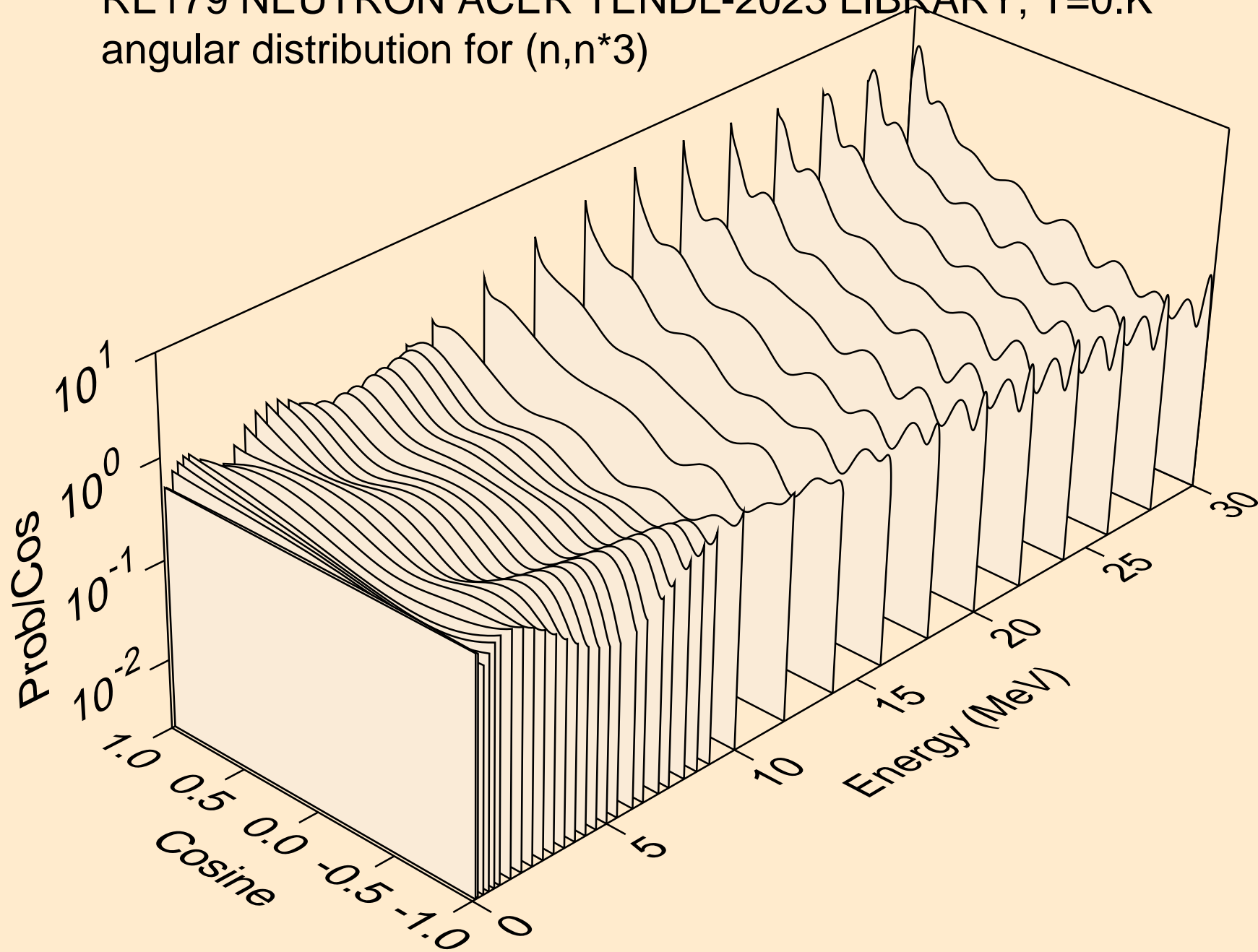
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

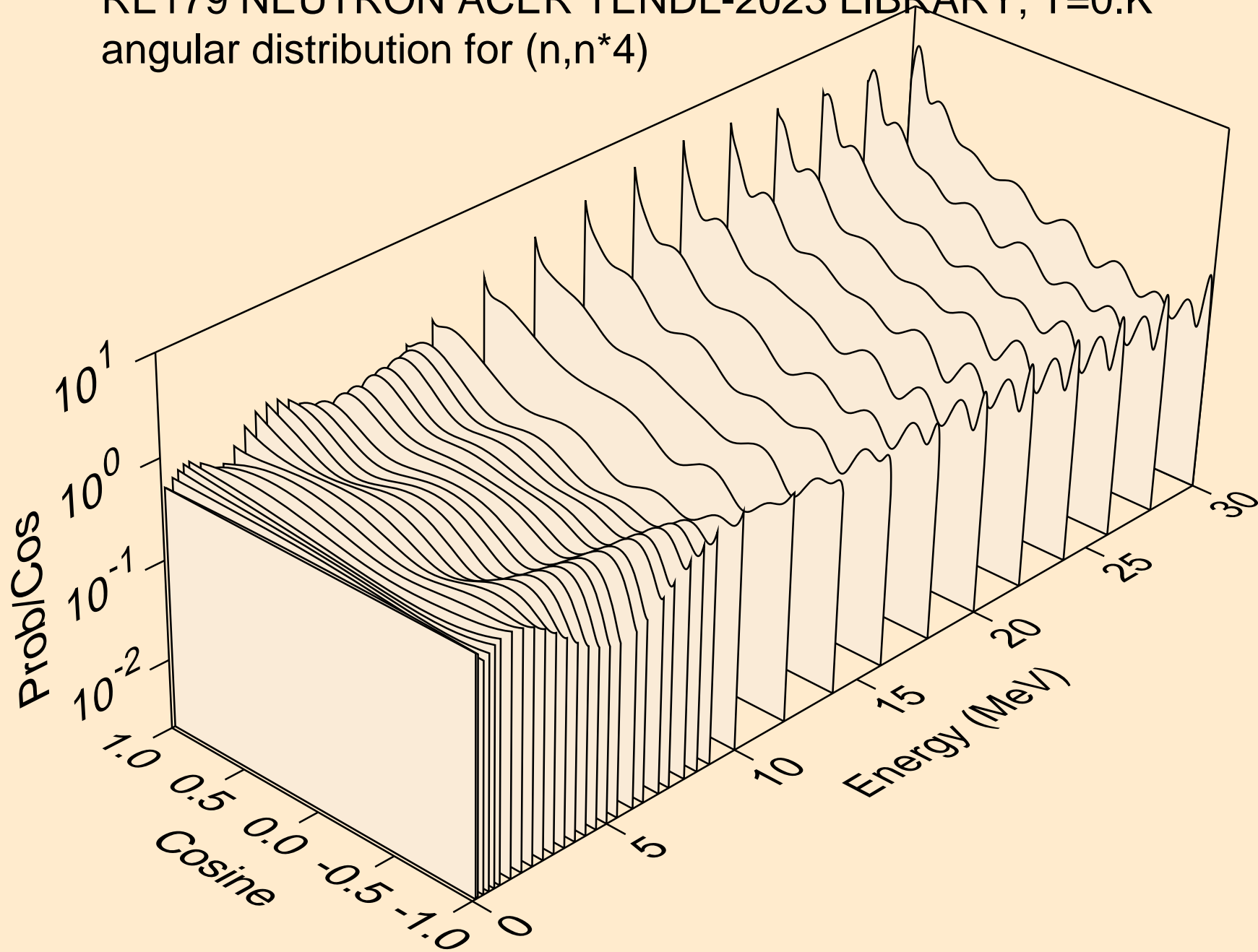


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

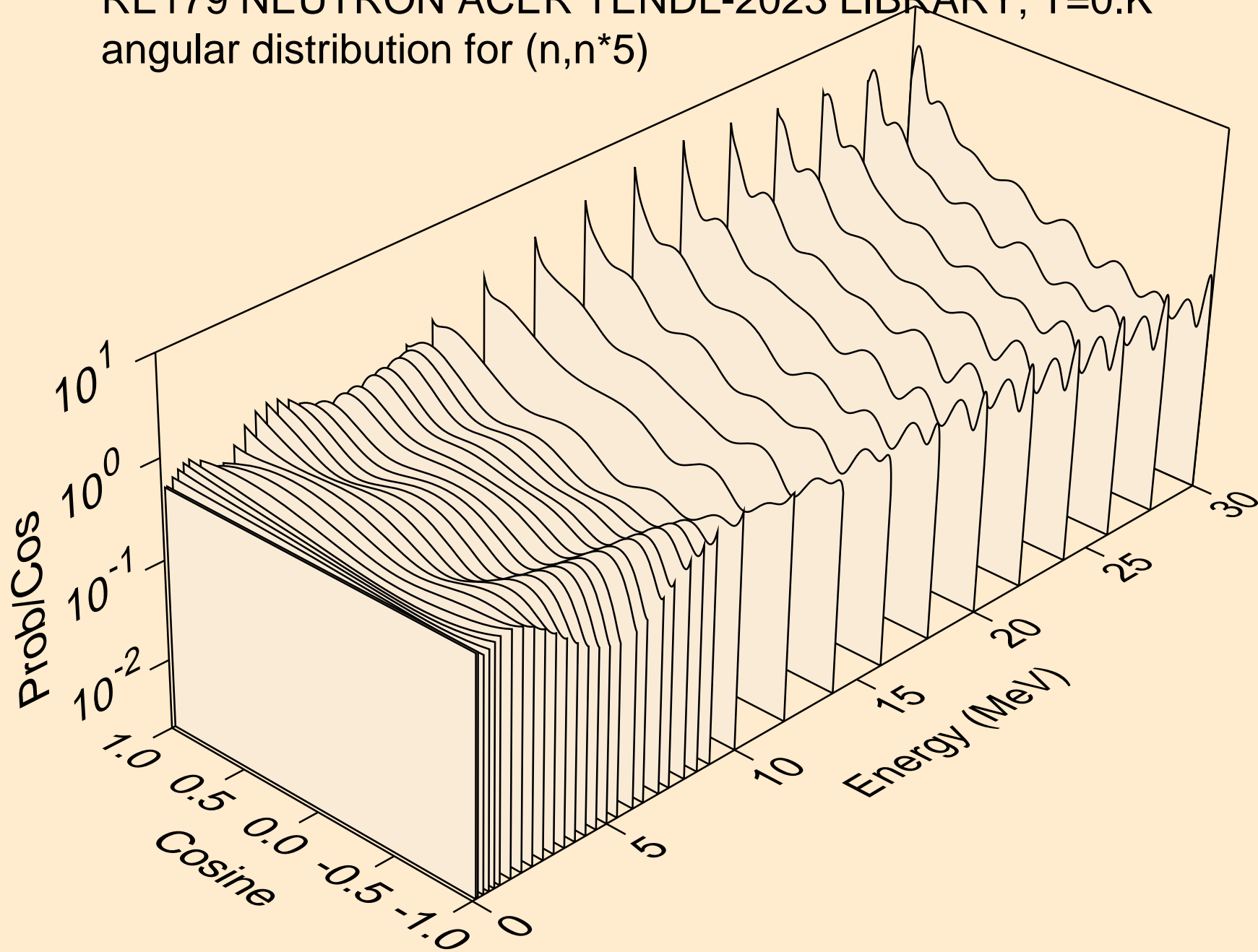




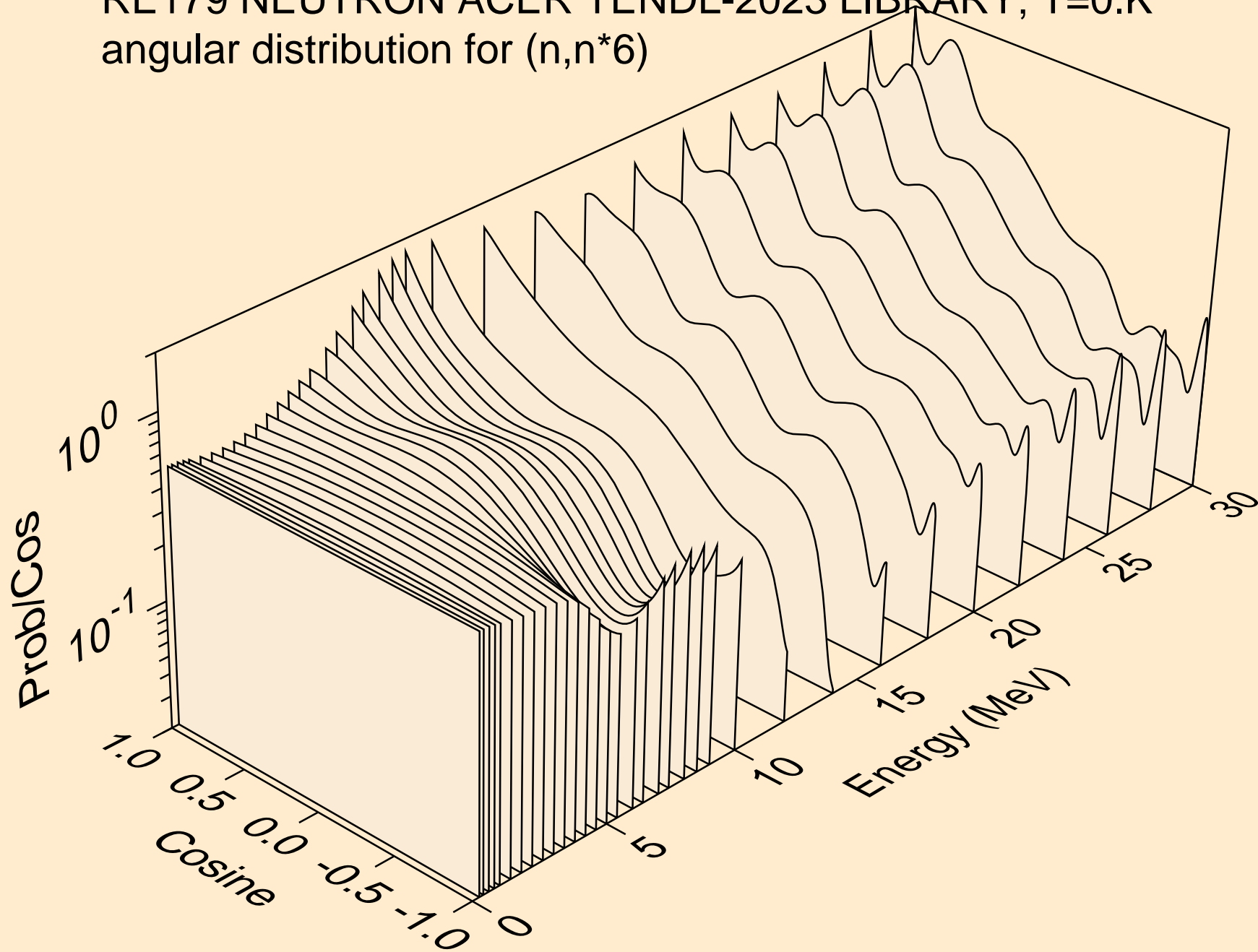
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angular distribution for (n,n\*4)



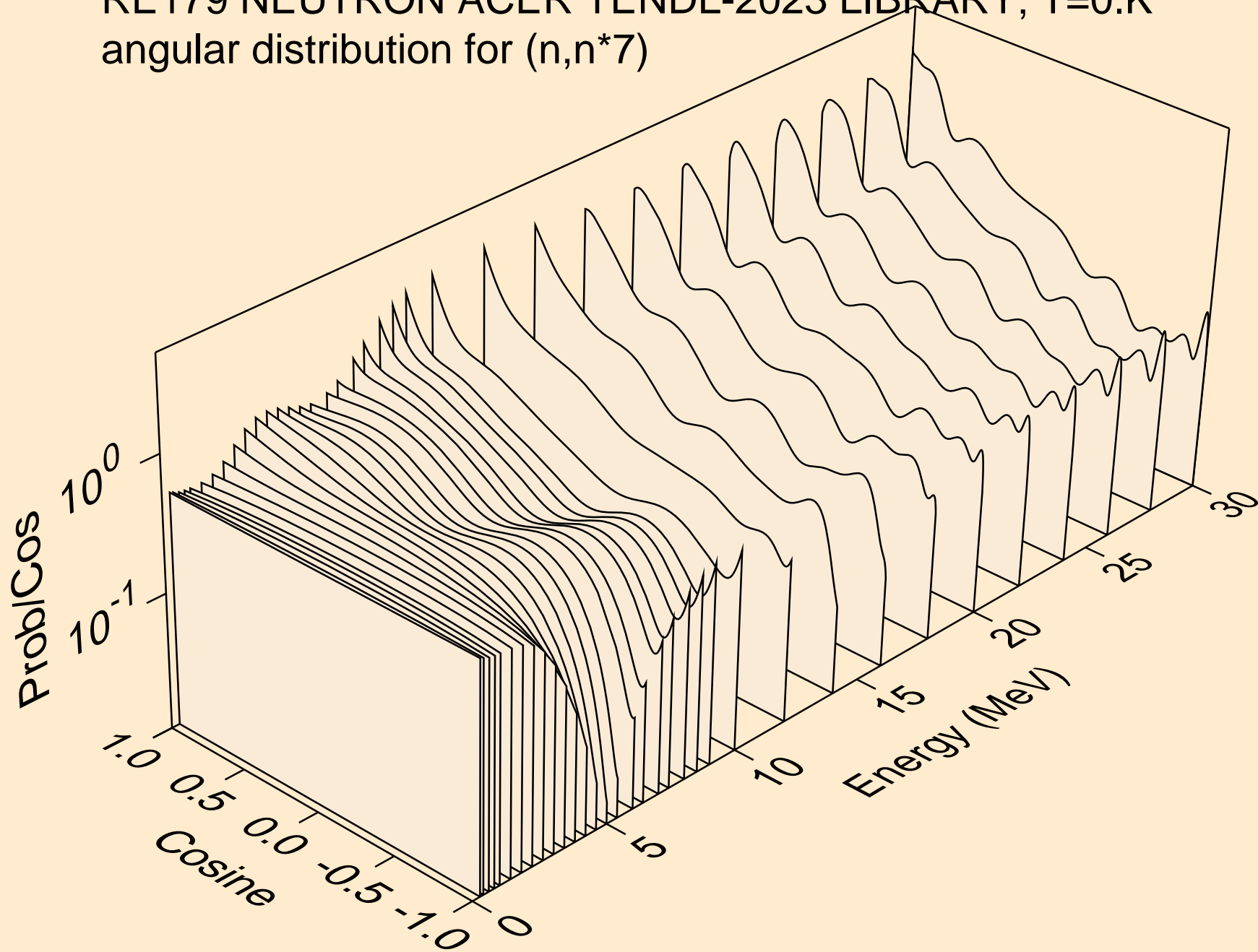
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



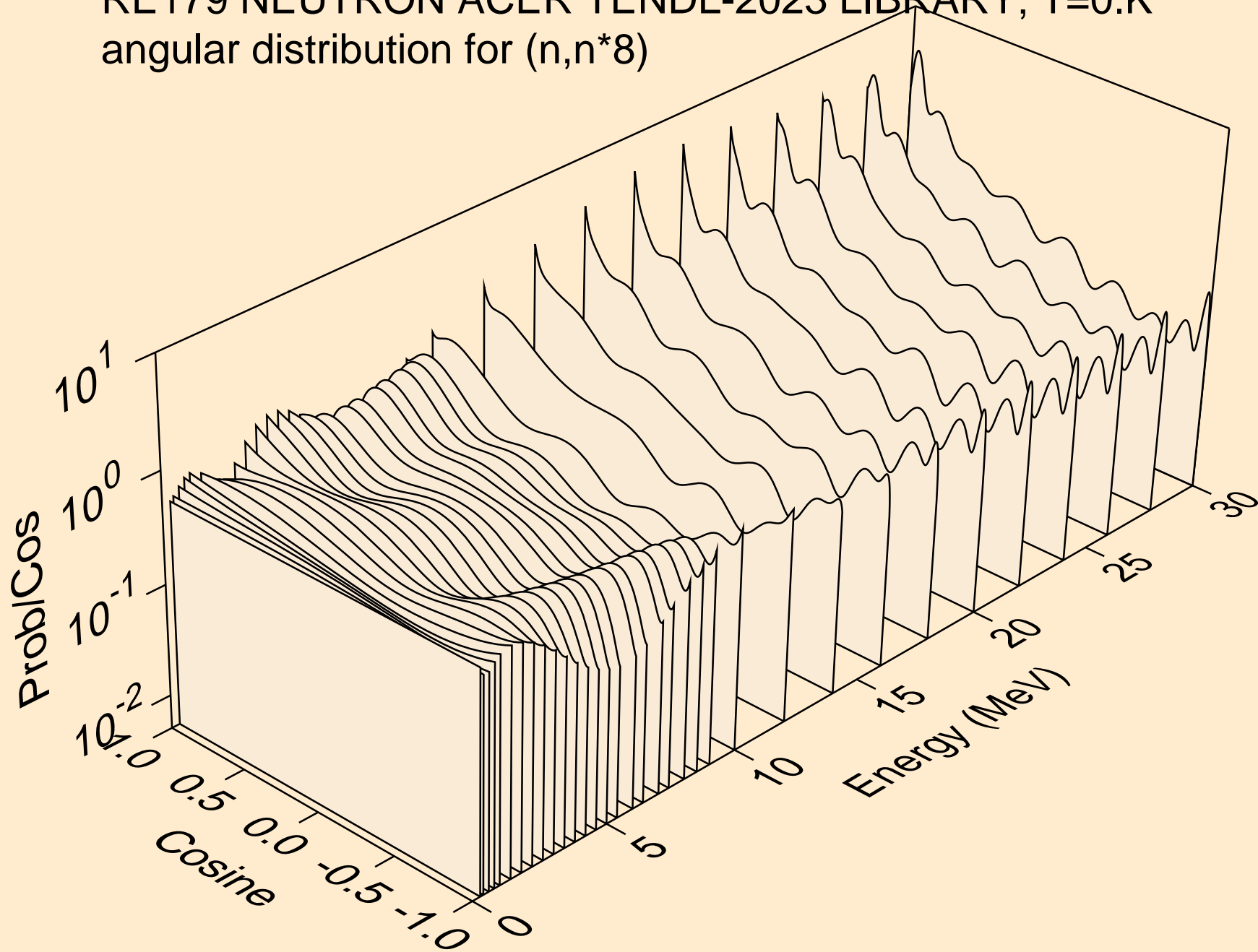
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



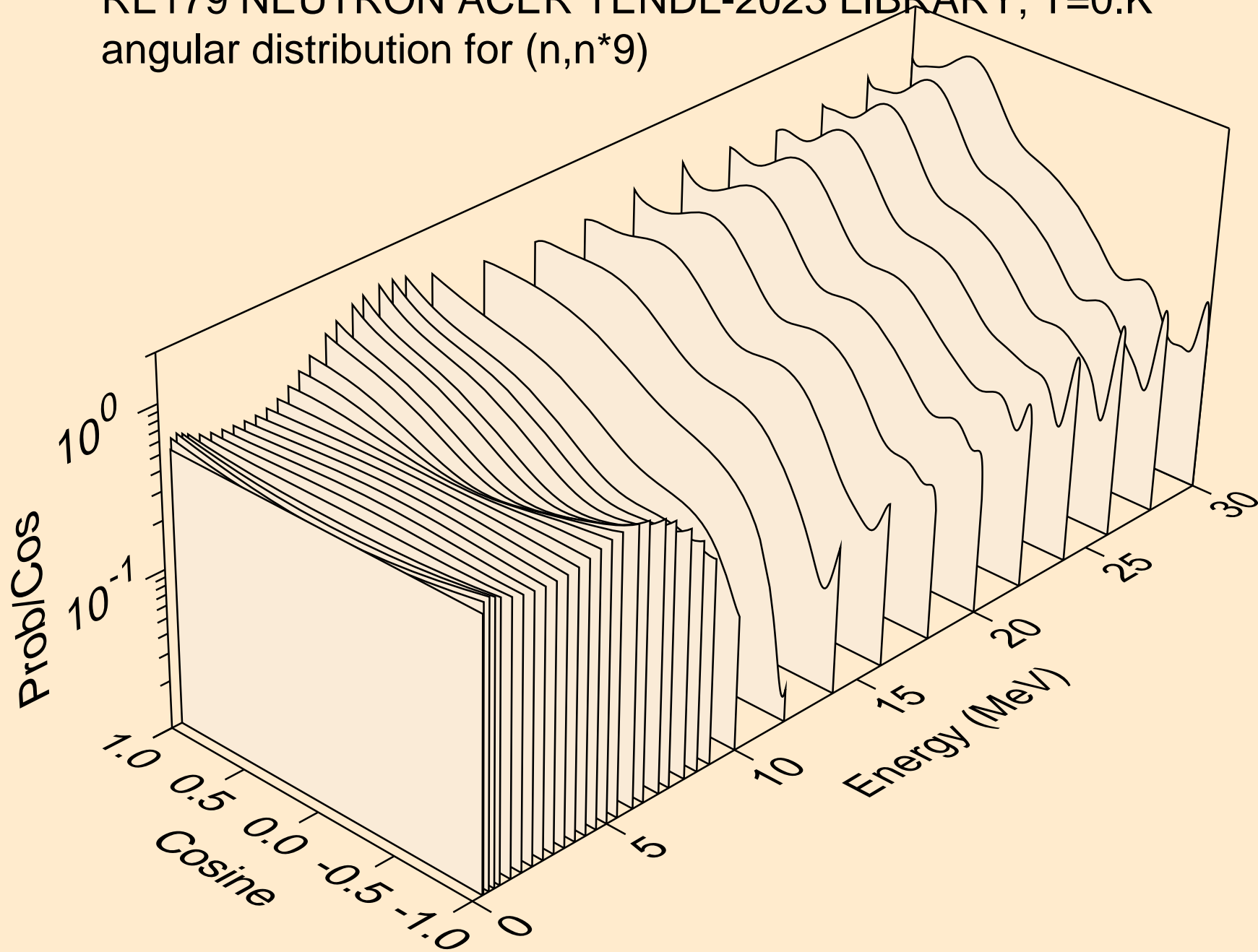
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



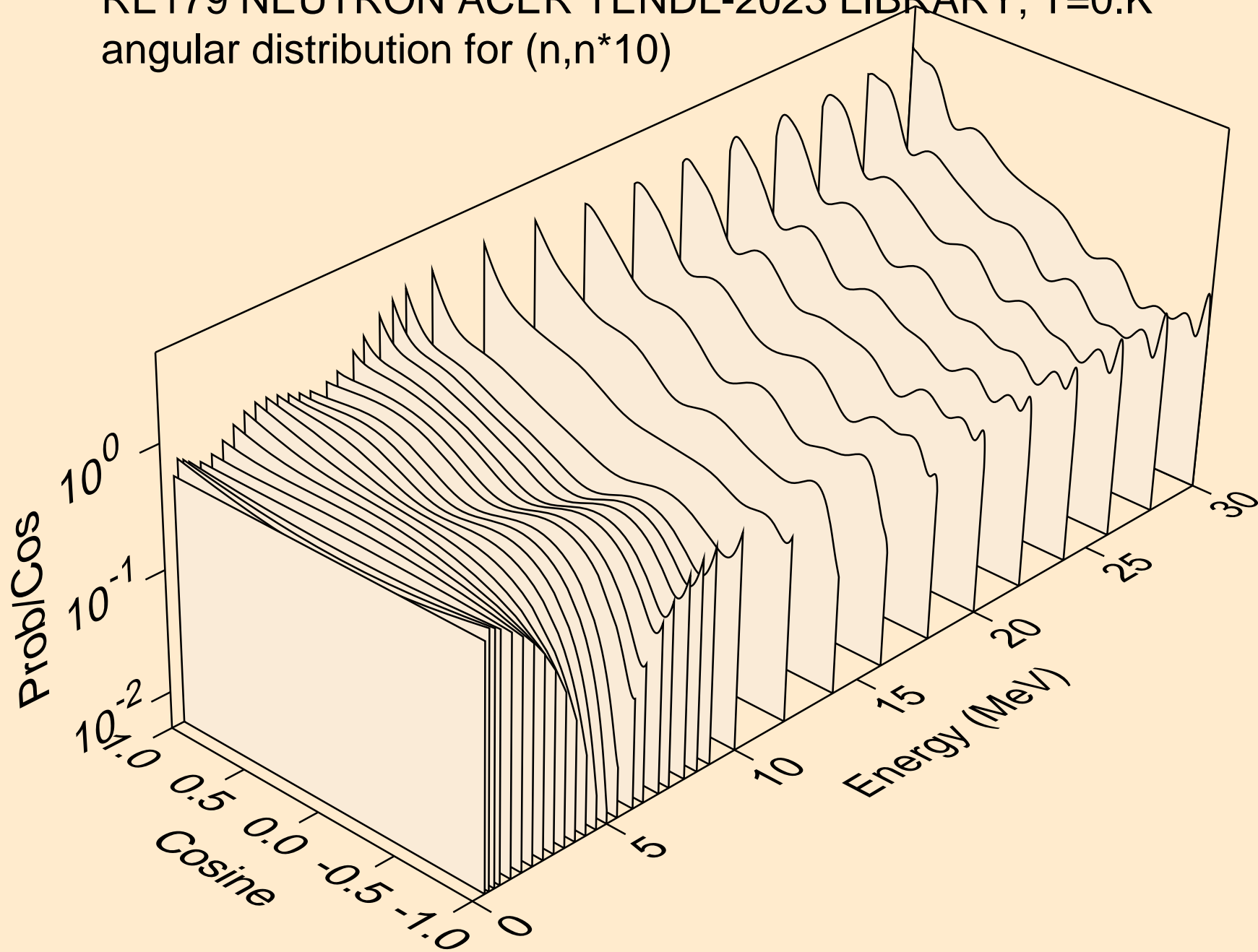
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

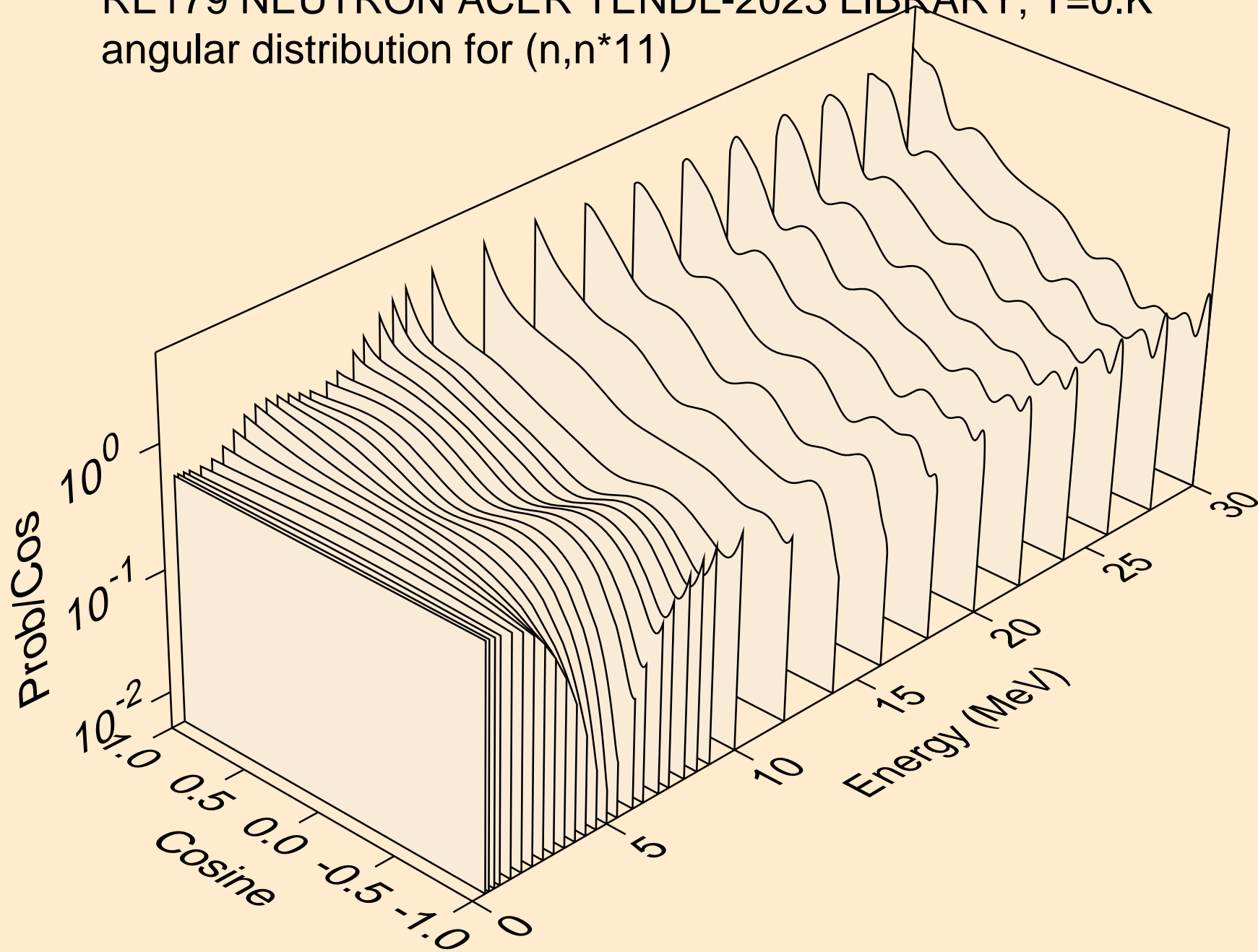


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



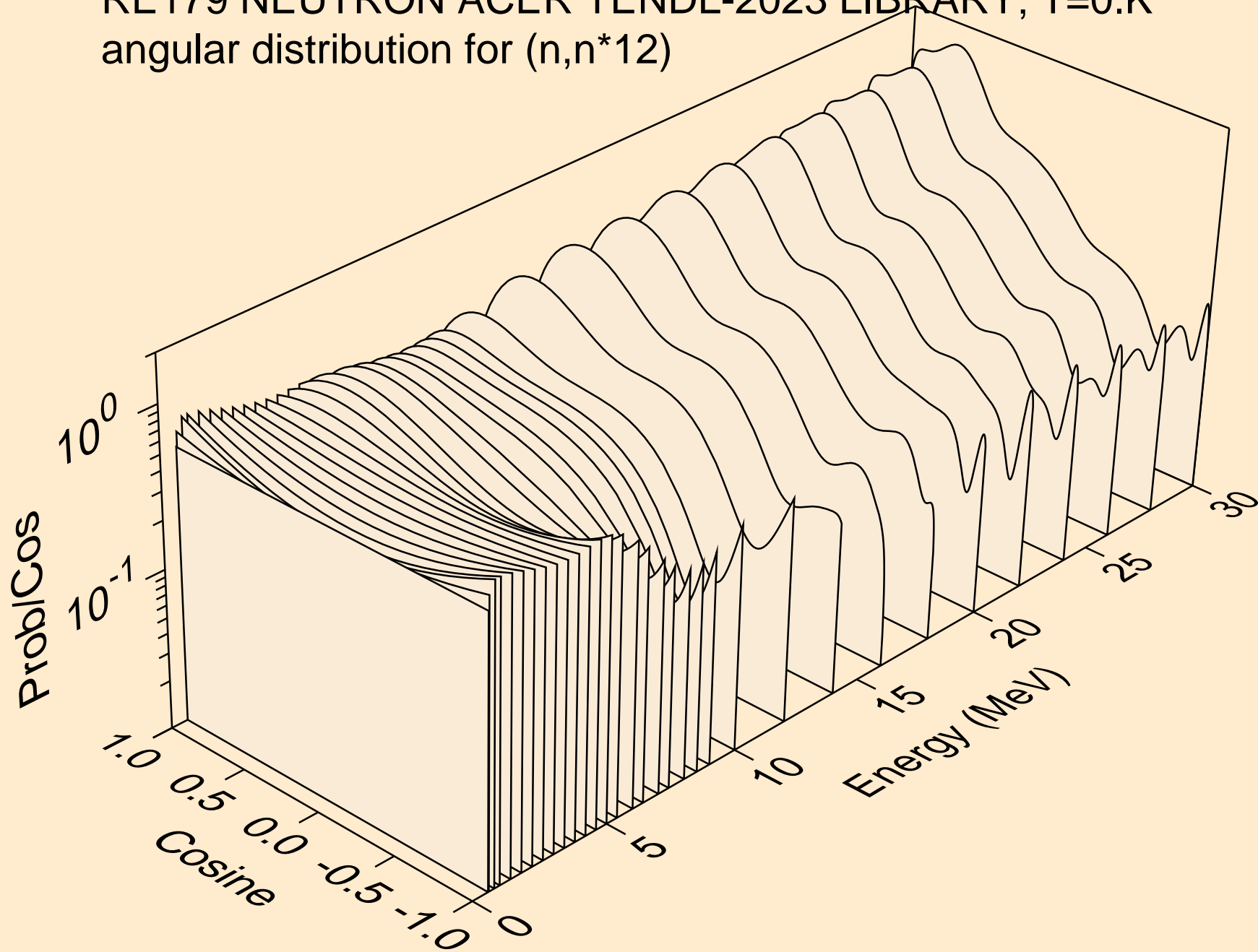


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

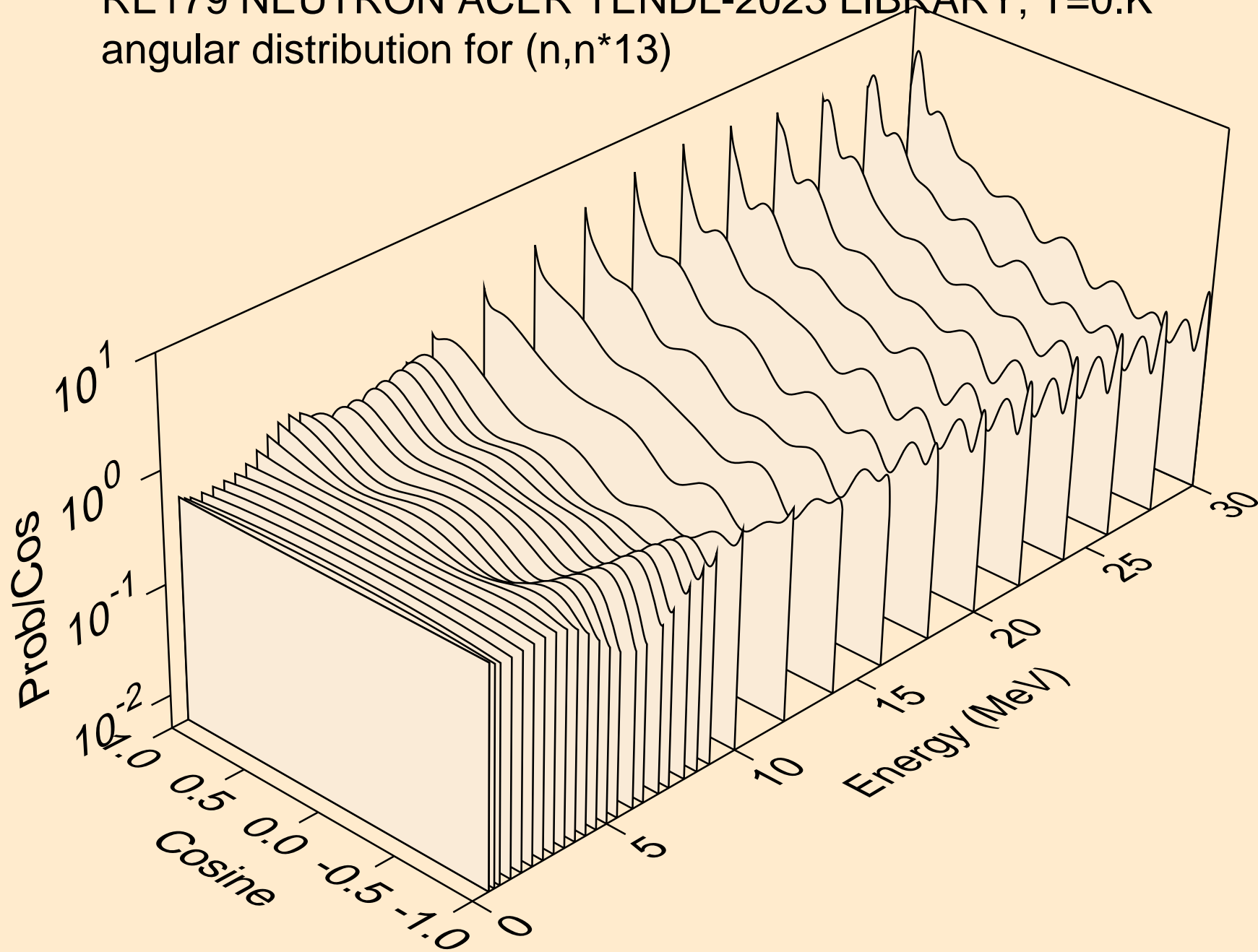




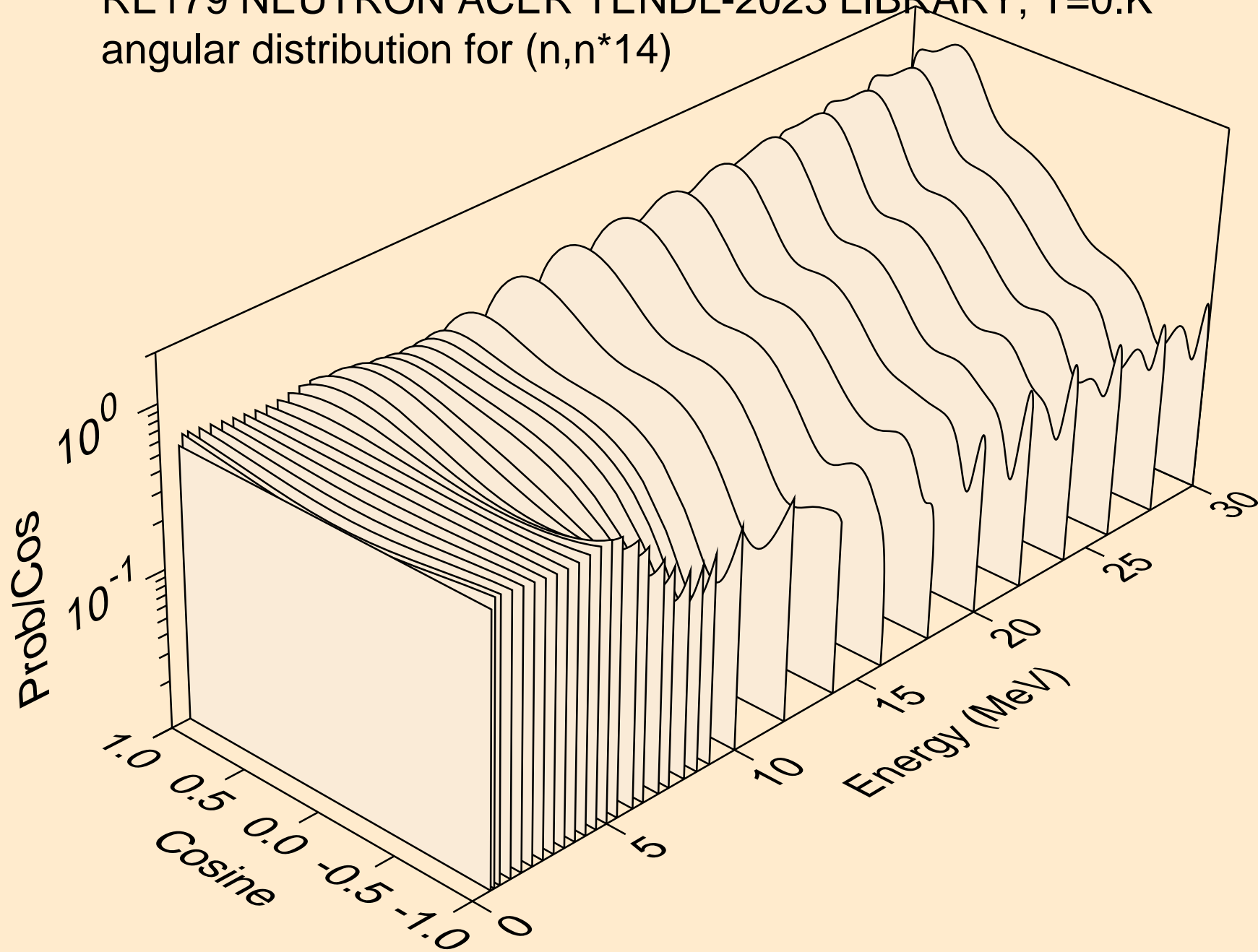
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angular distribution for (n,n\*12)



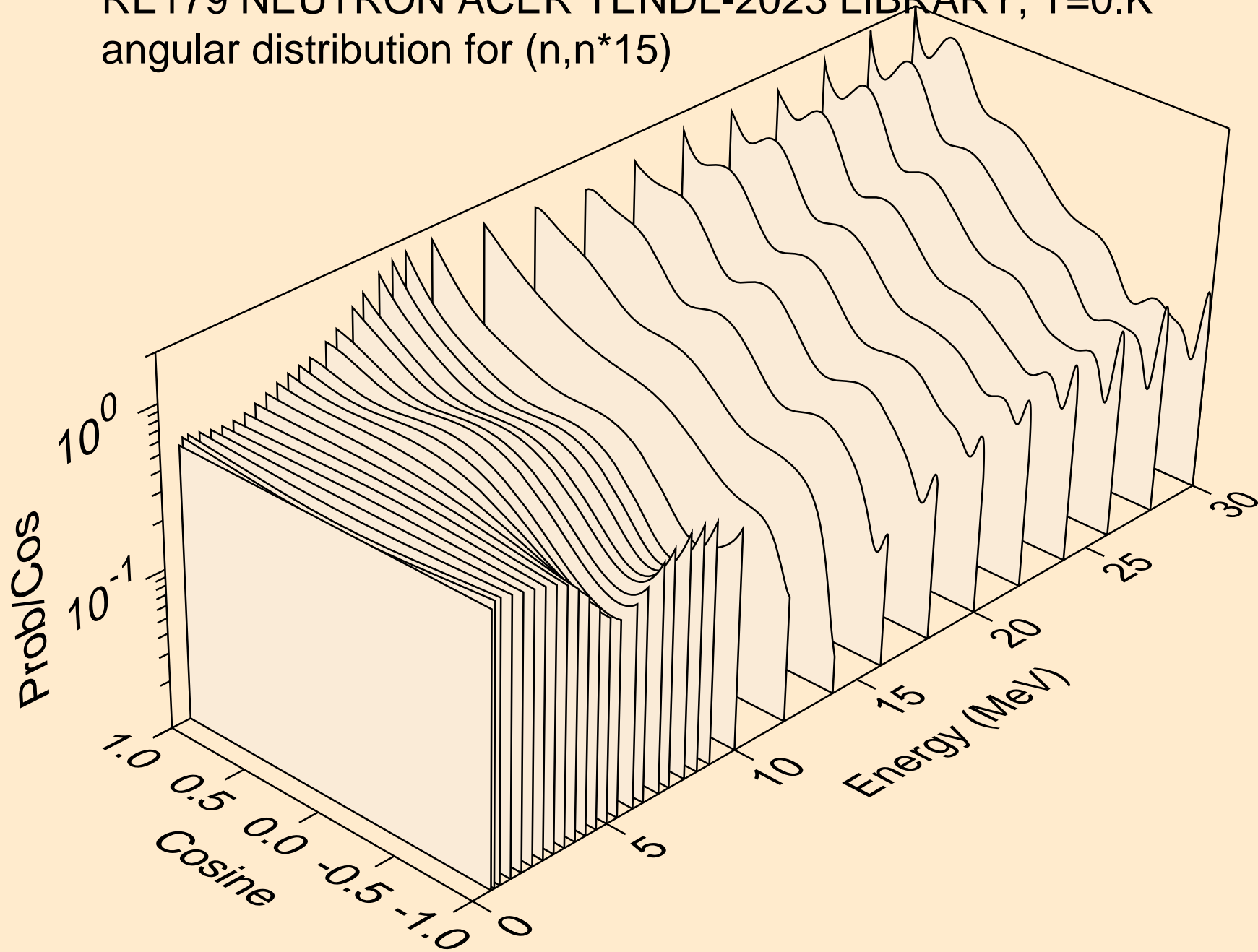
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



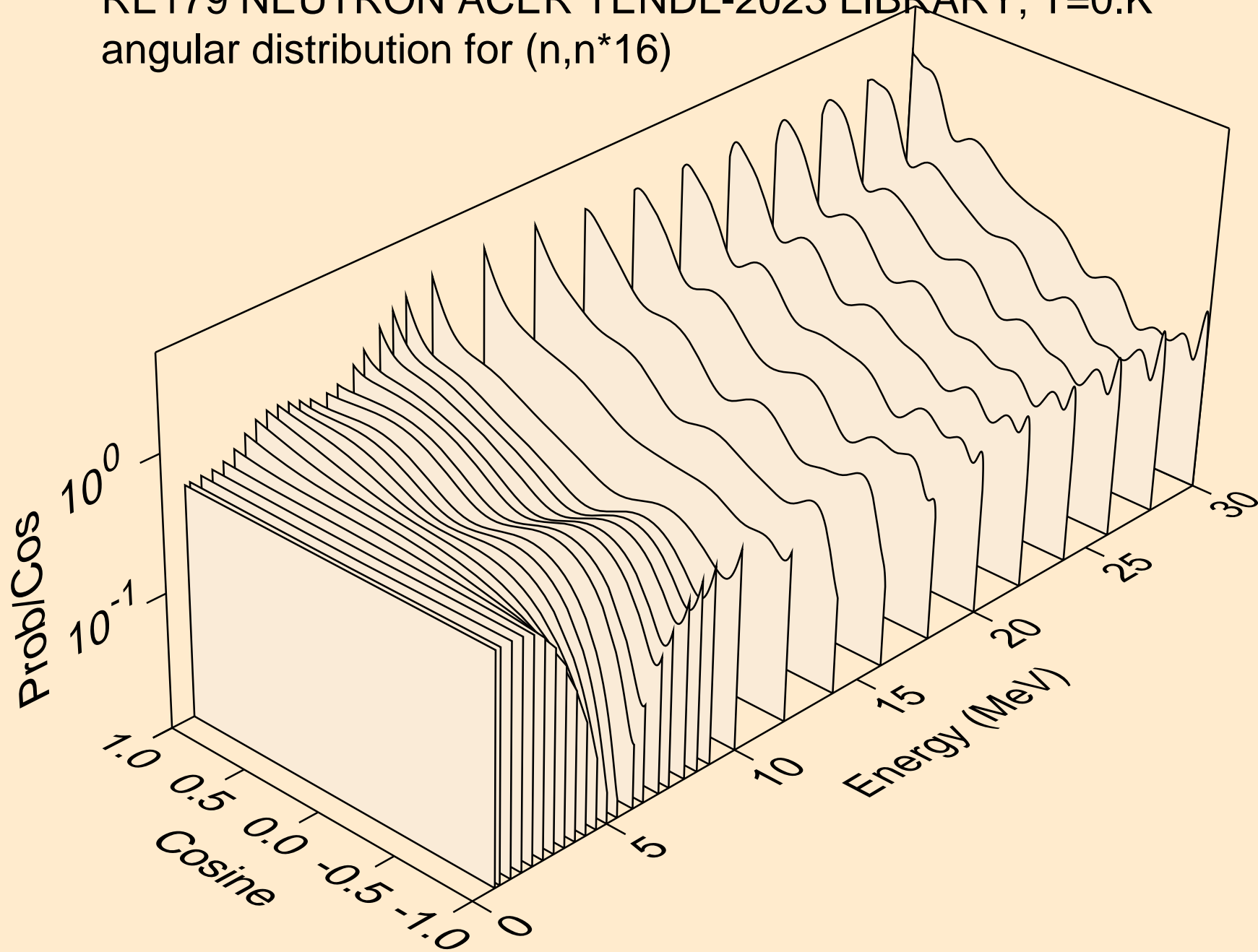
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



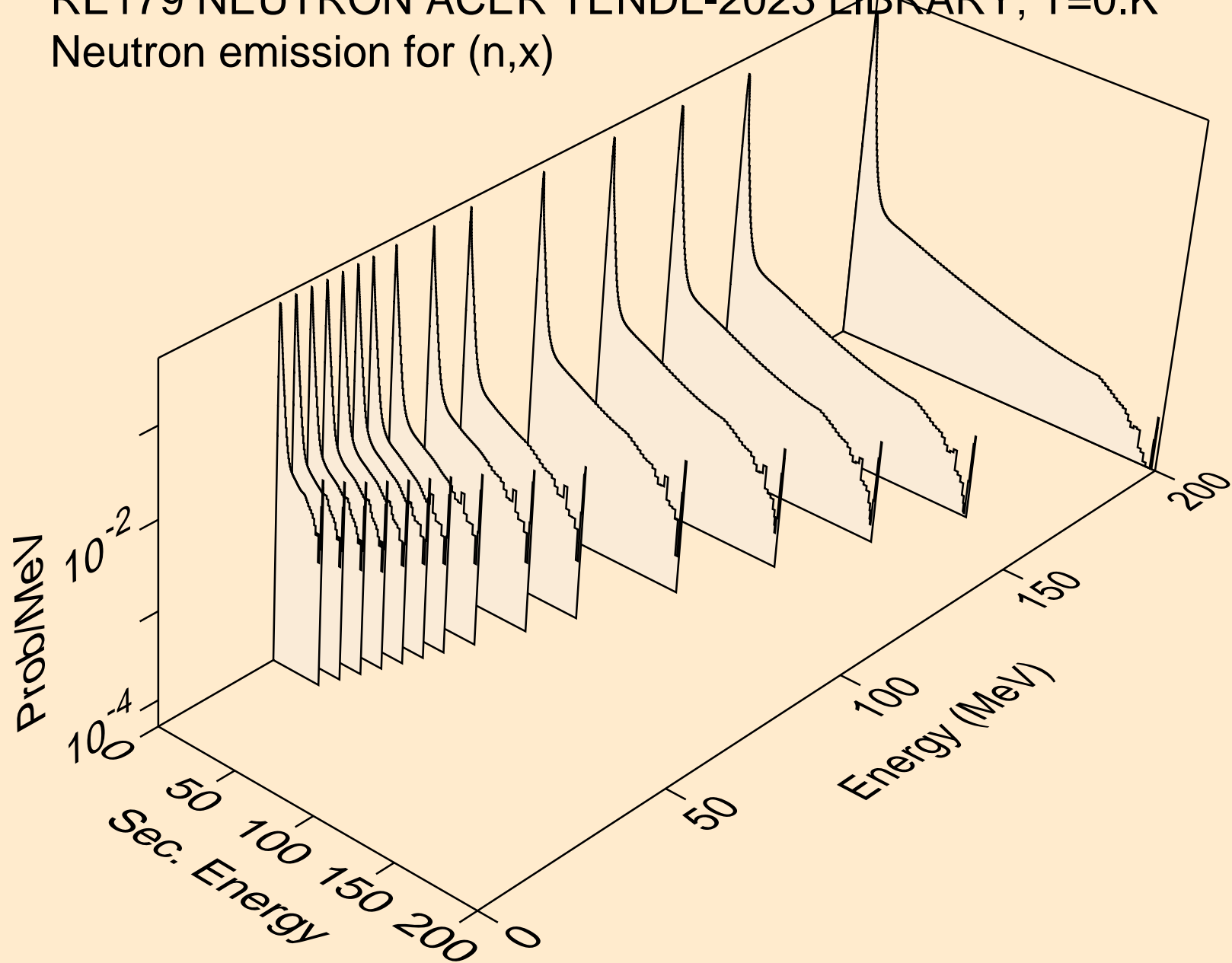
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angular distribution for (n,n\*15)



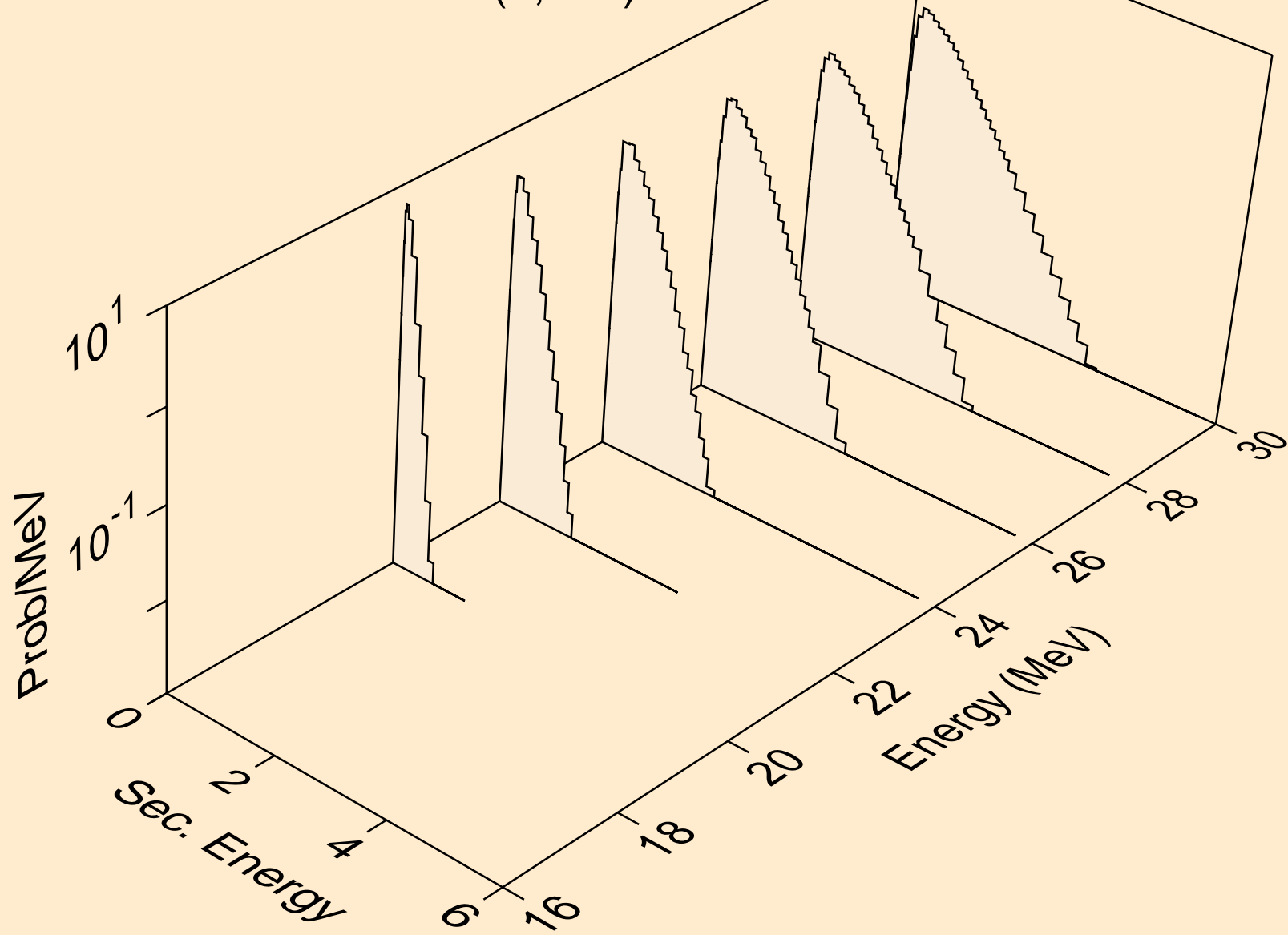
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



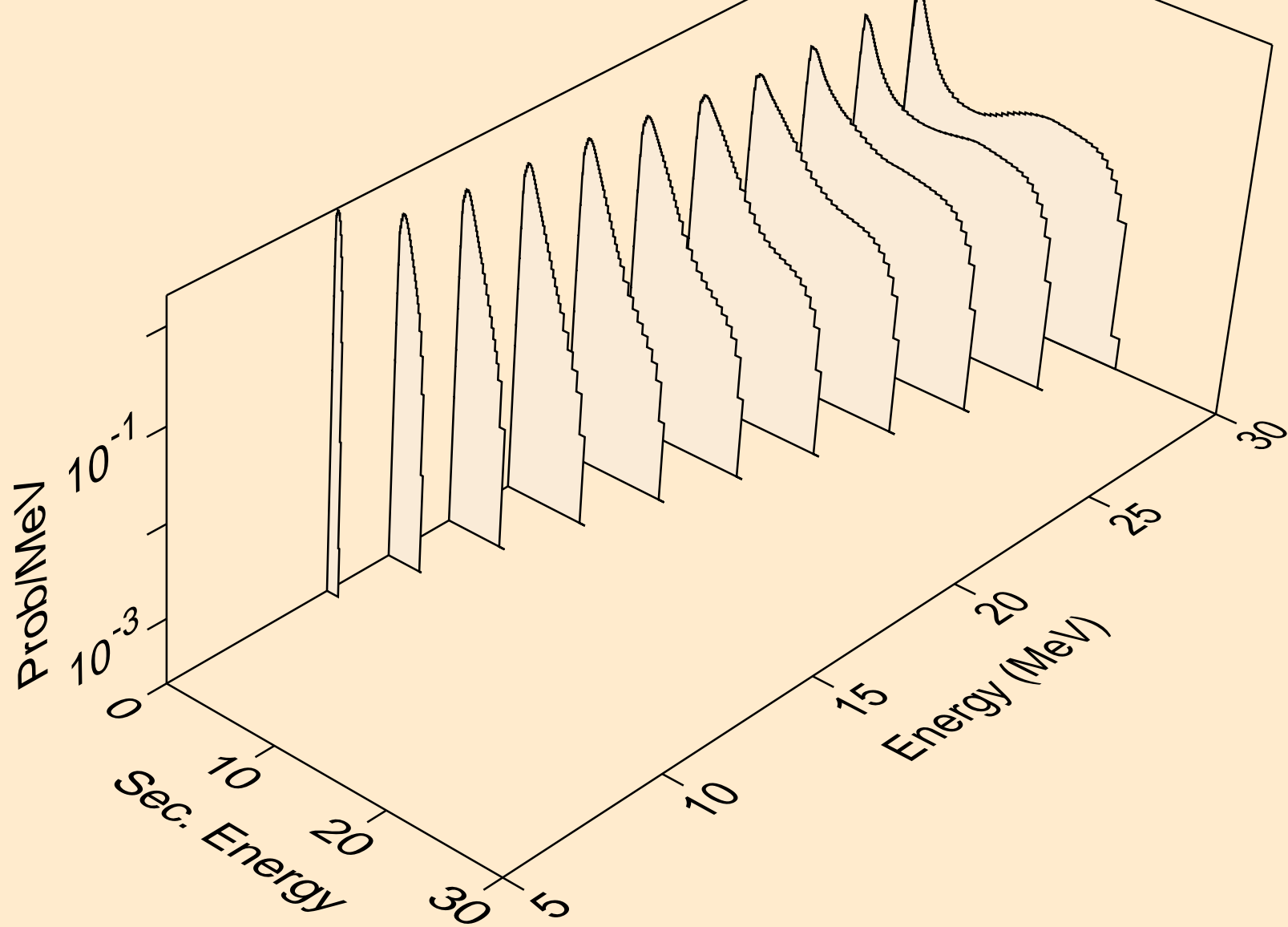
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

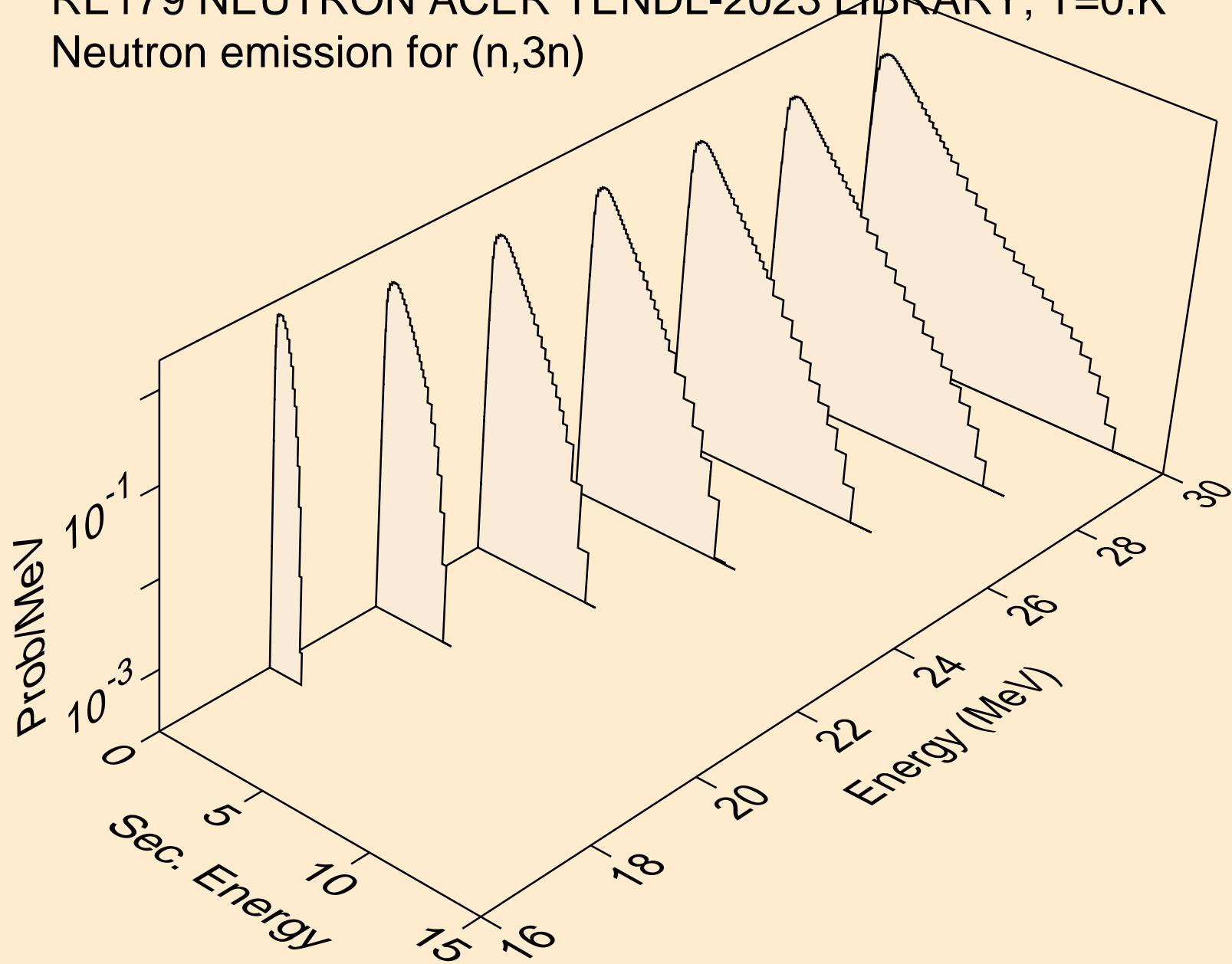


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

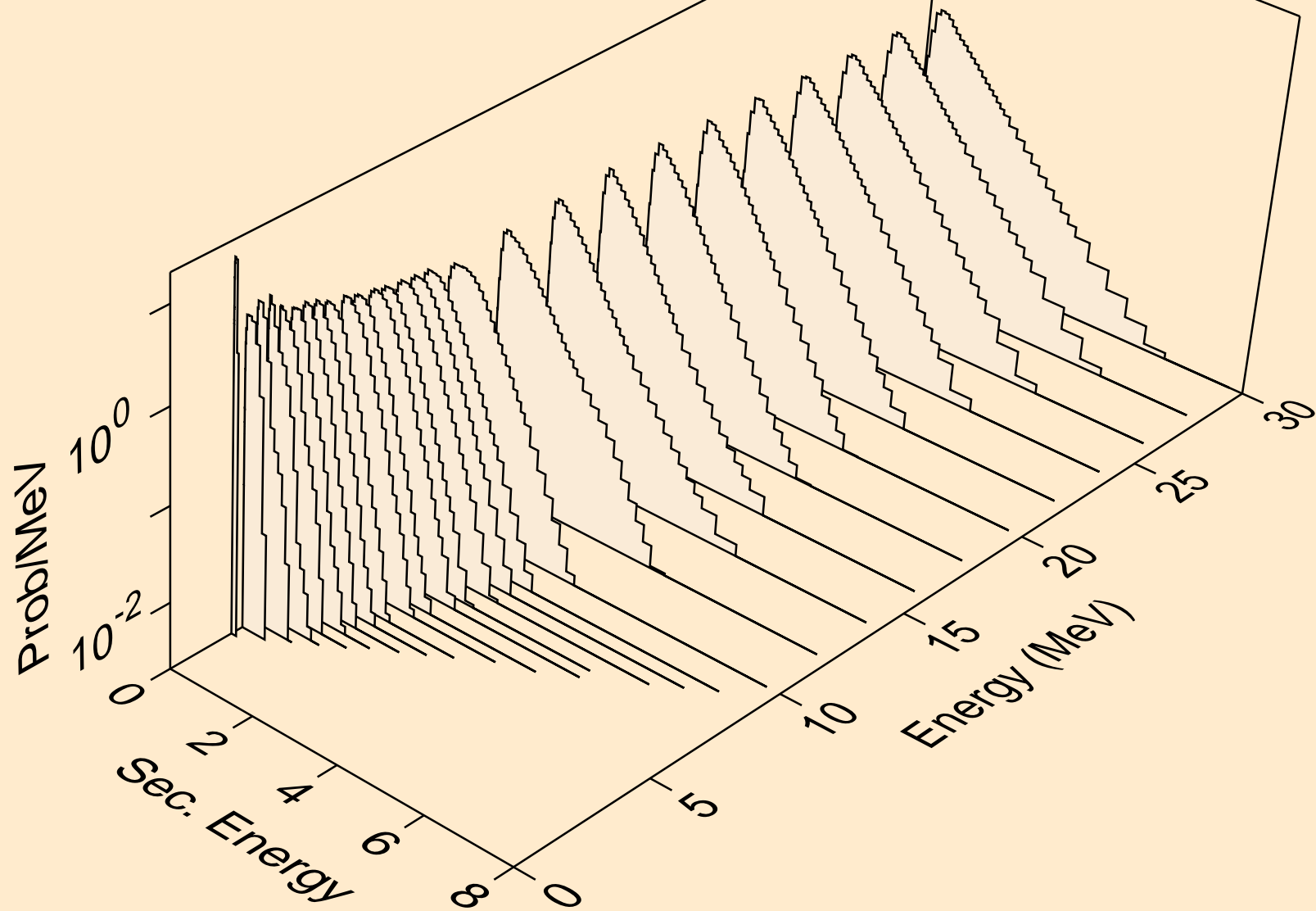




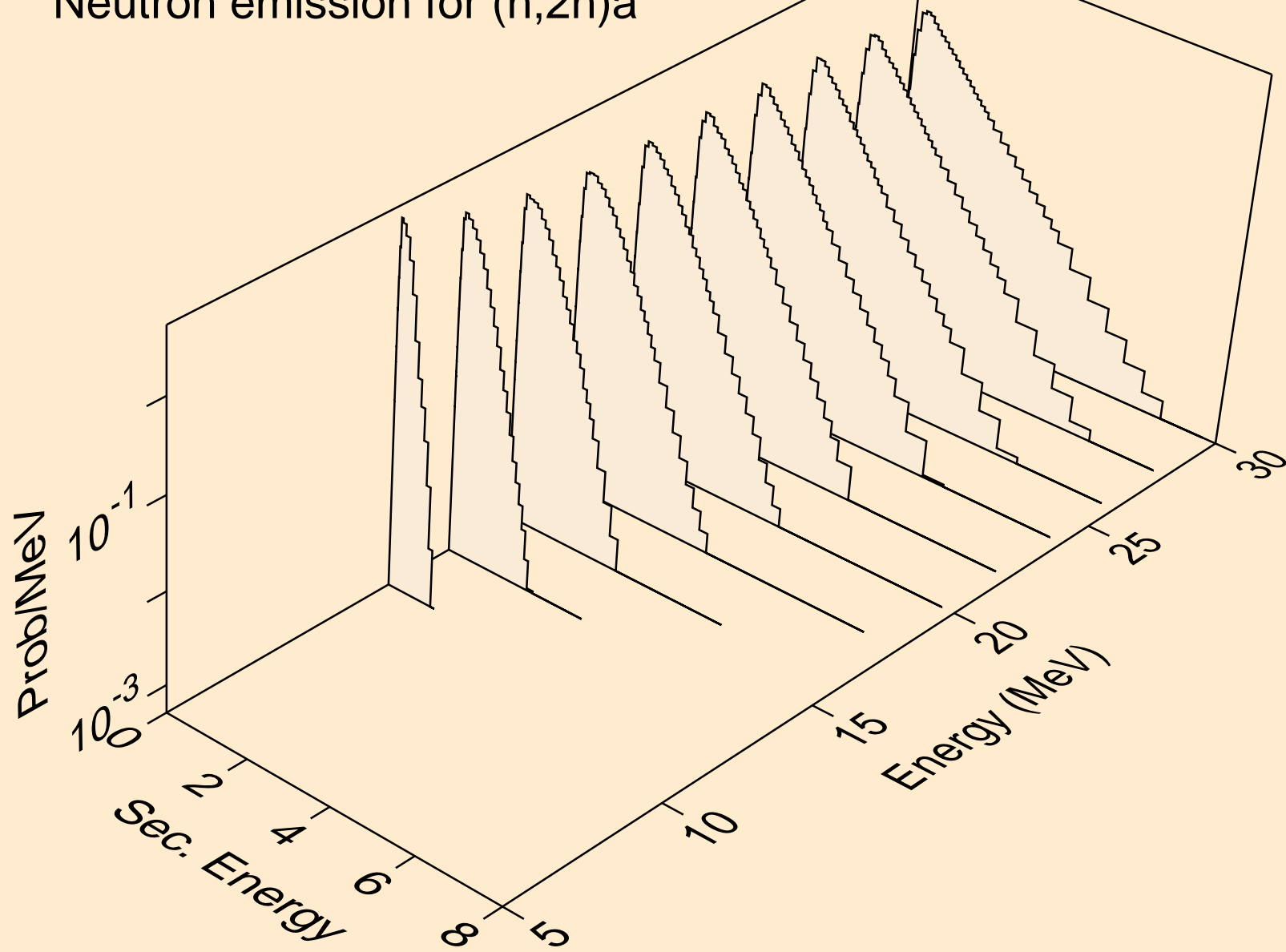
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



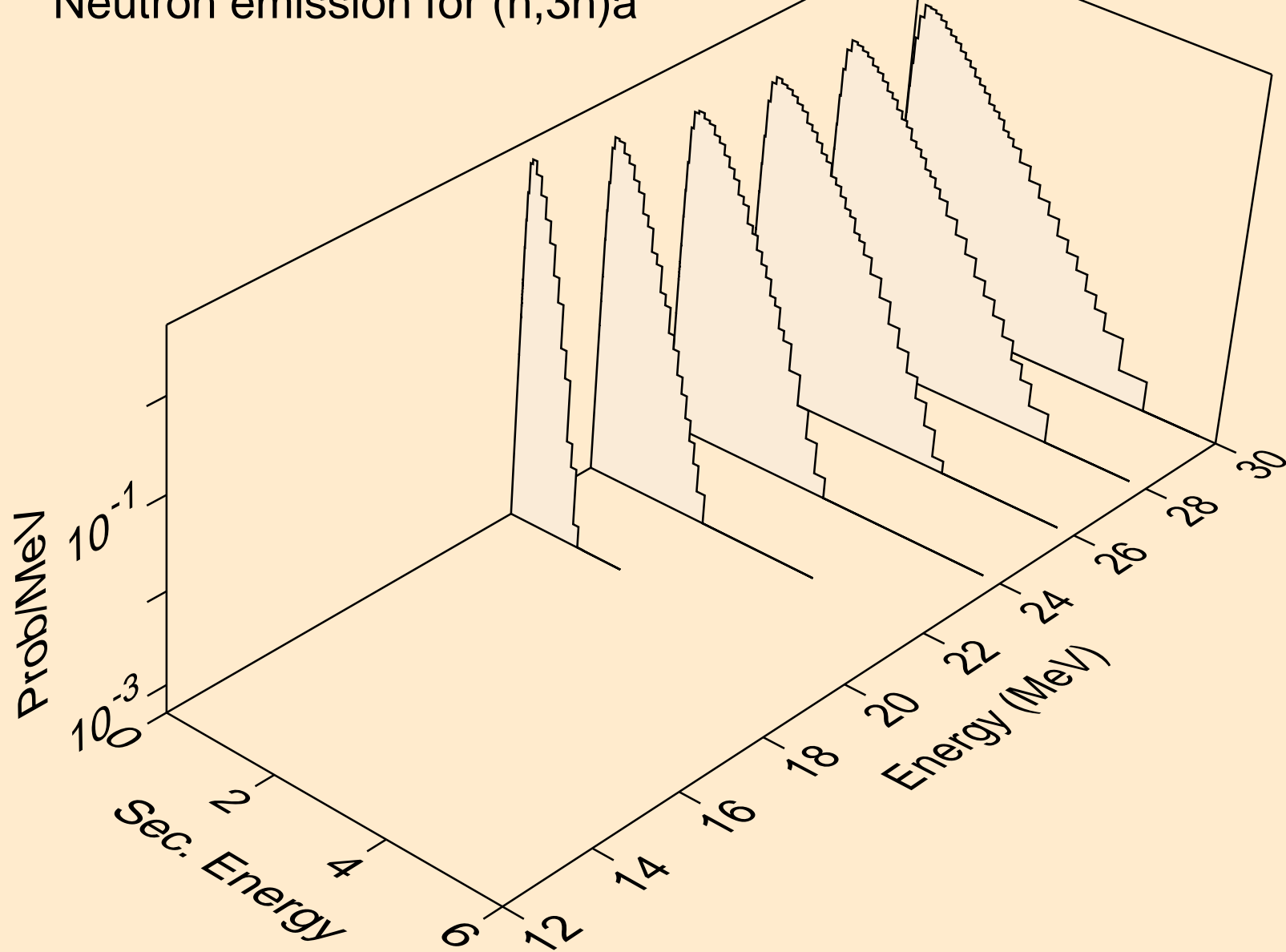
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



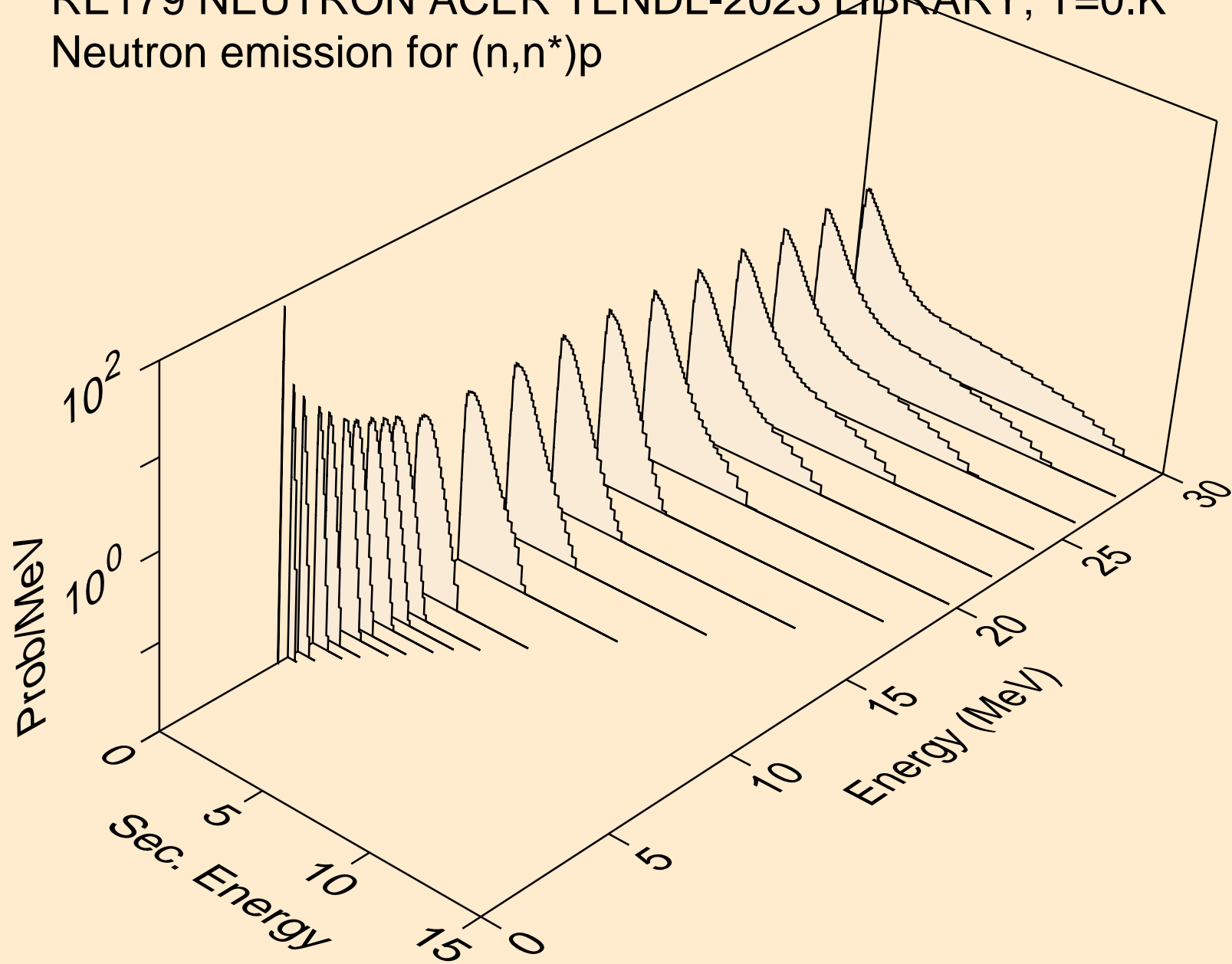
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



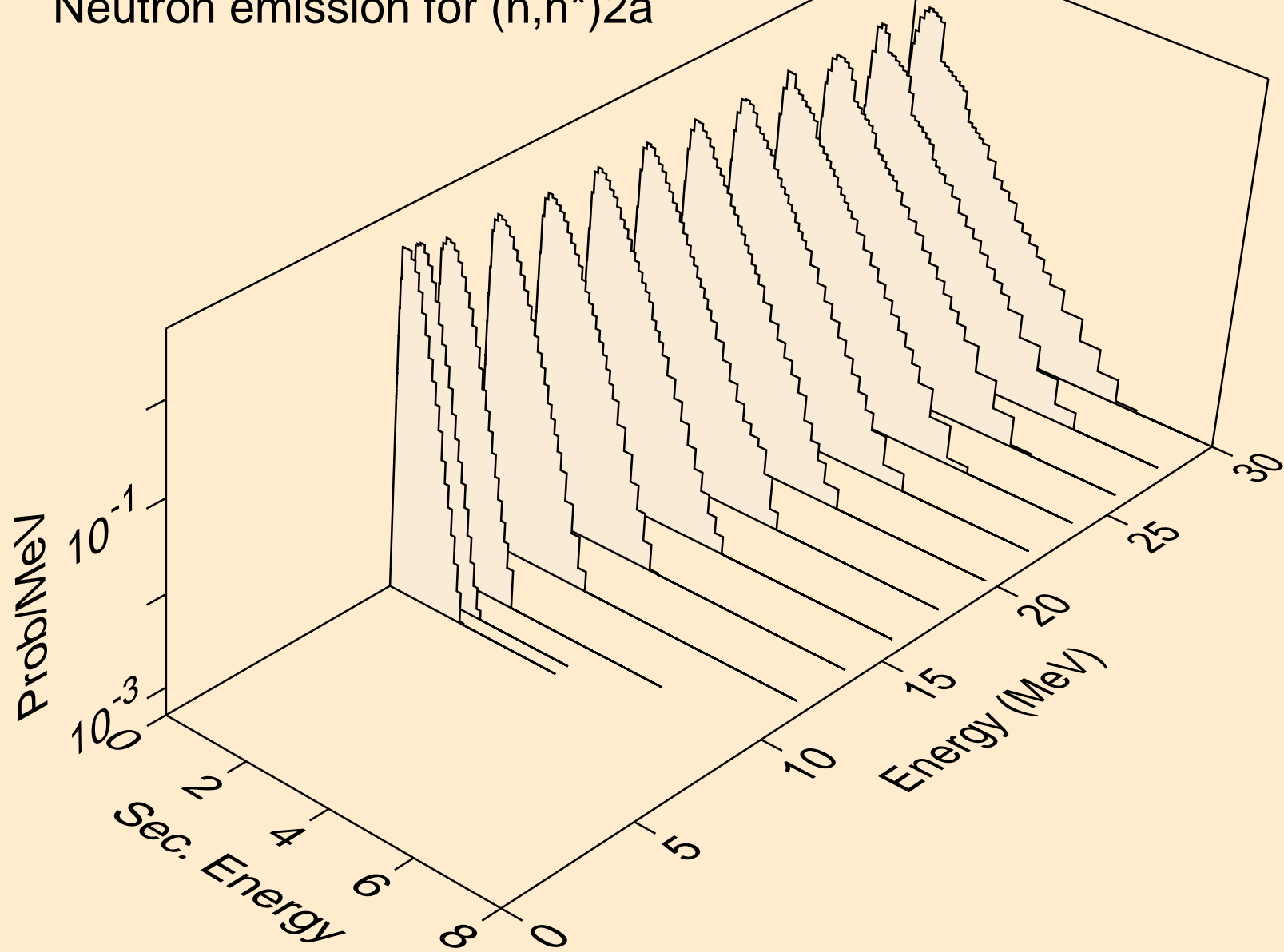
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



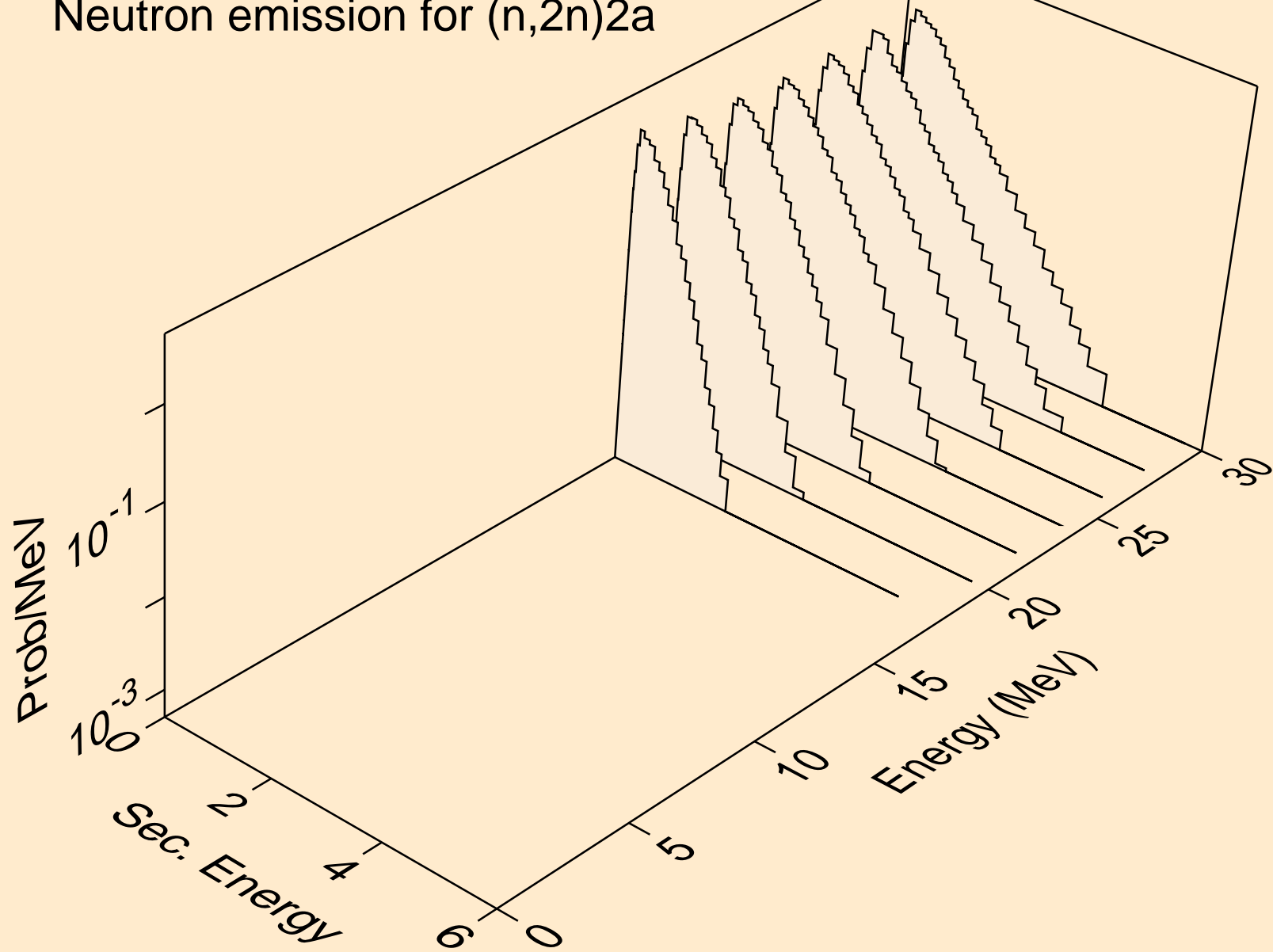
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



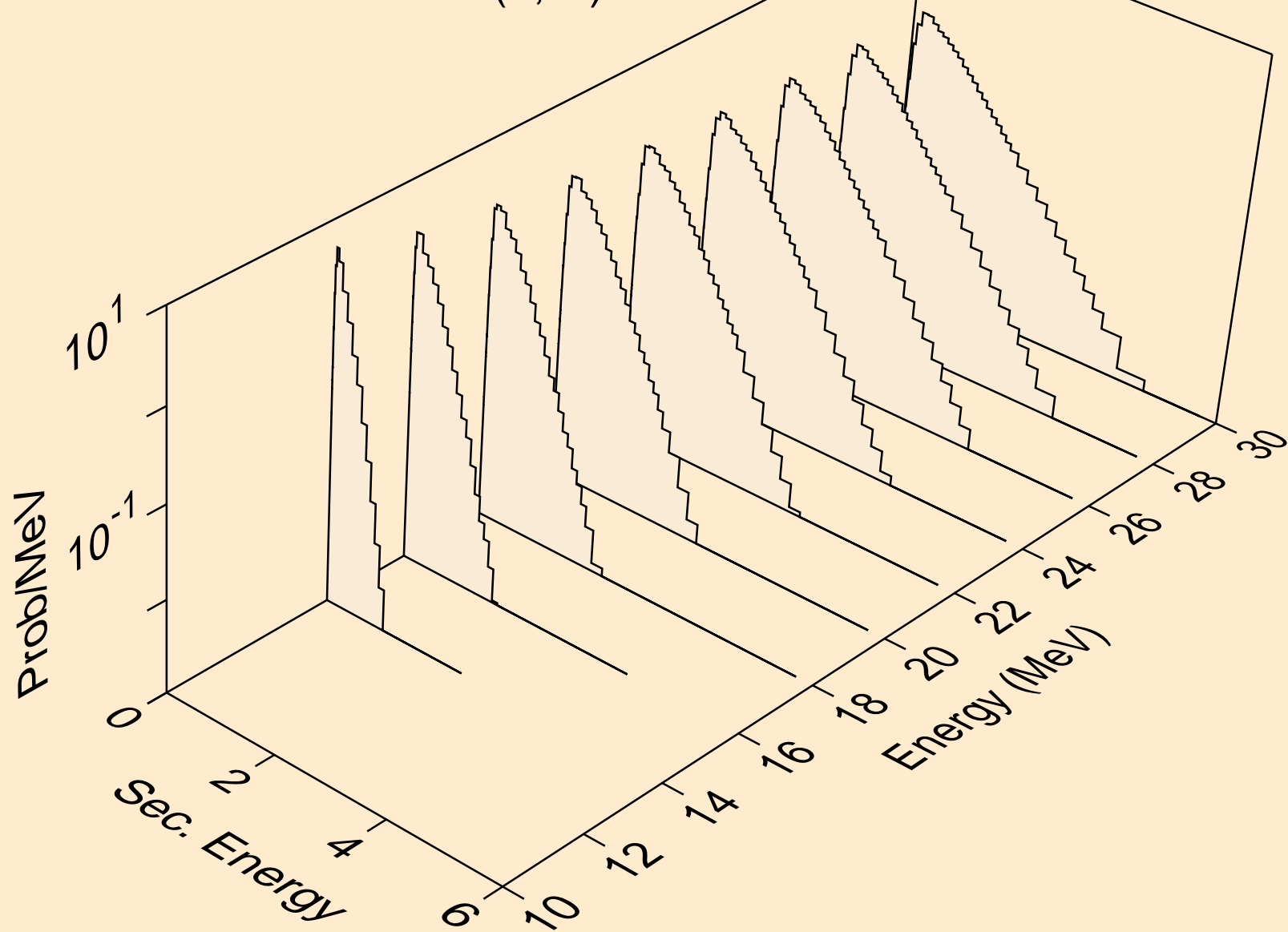
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

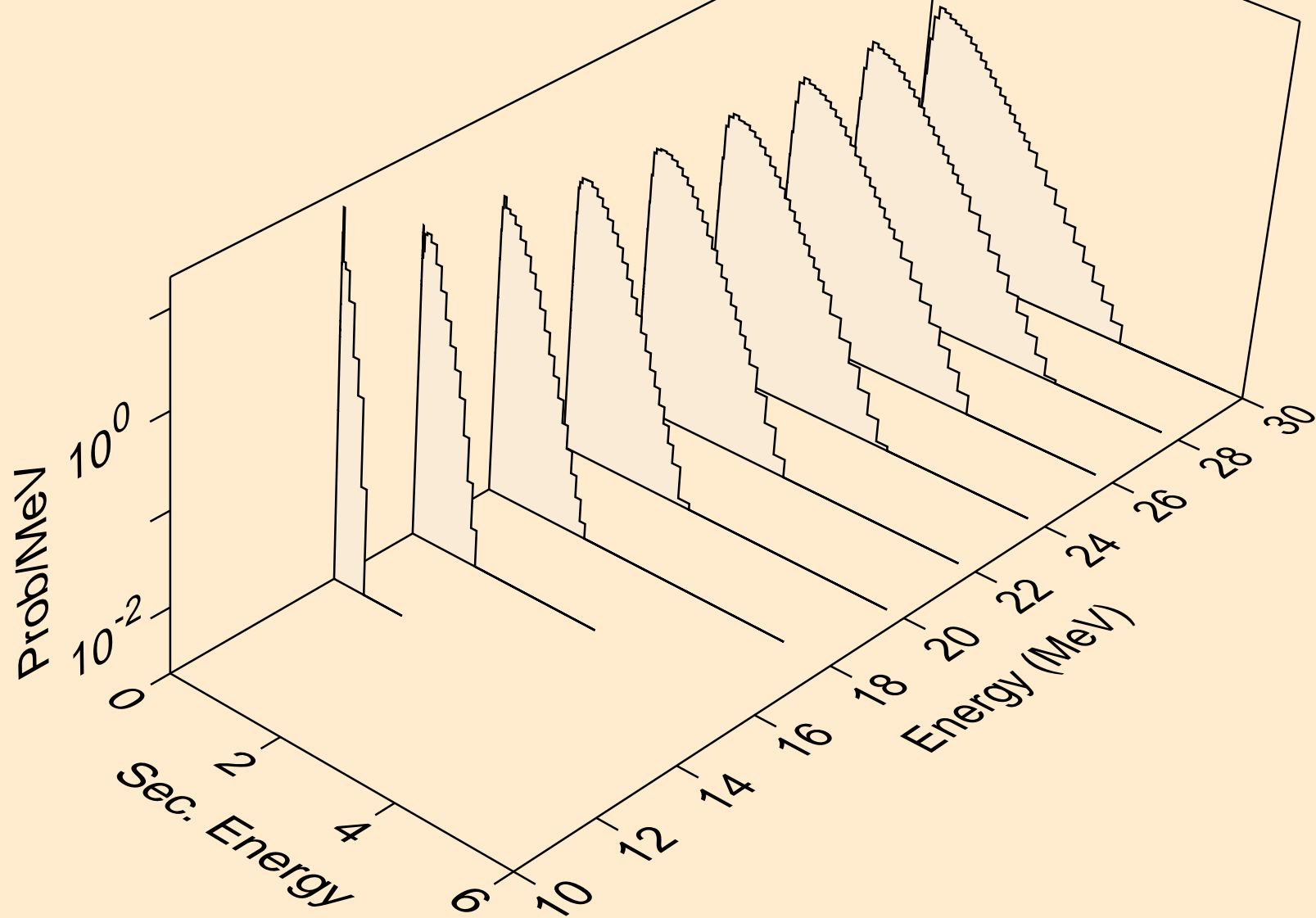


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

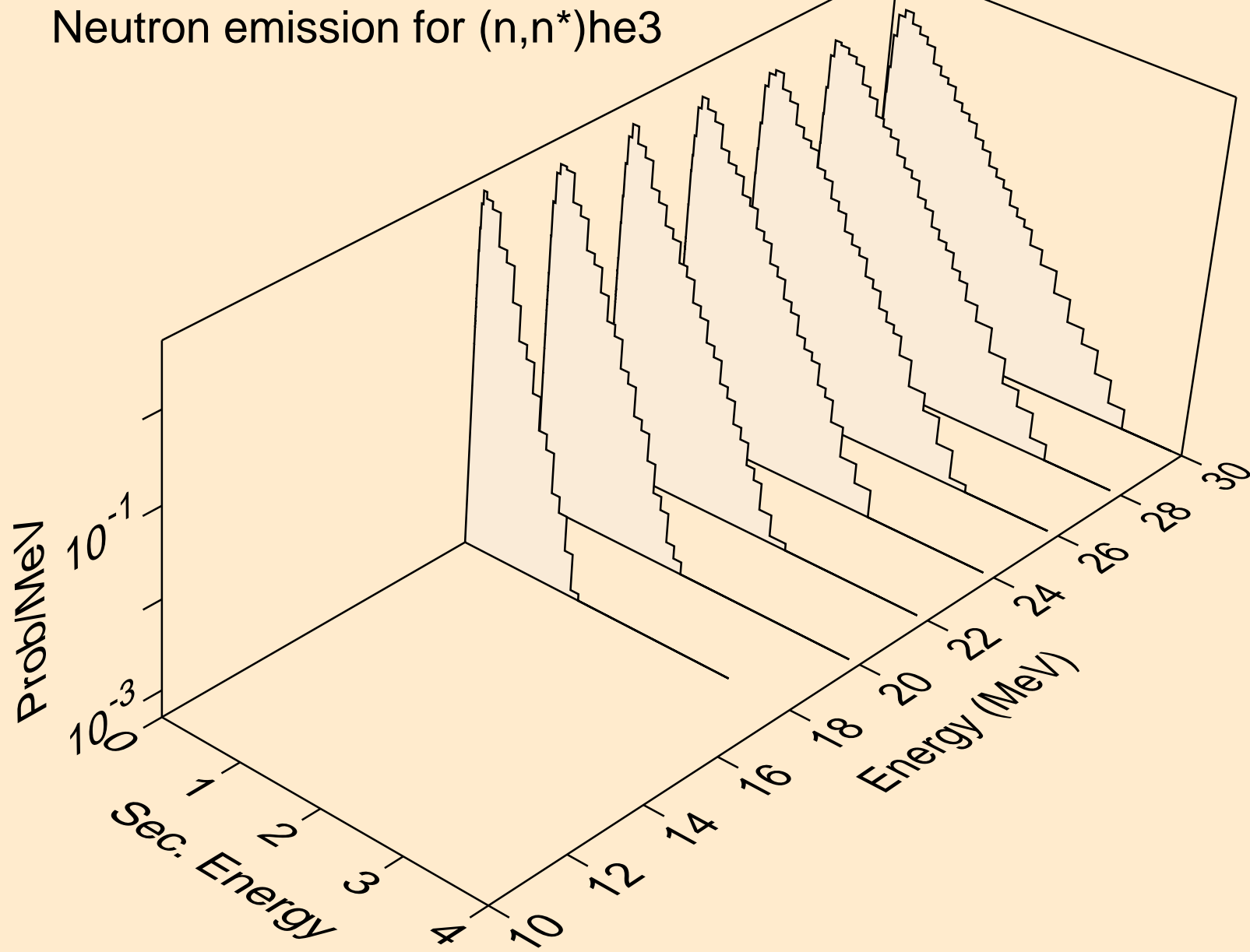




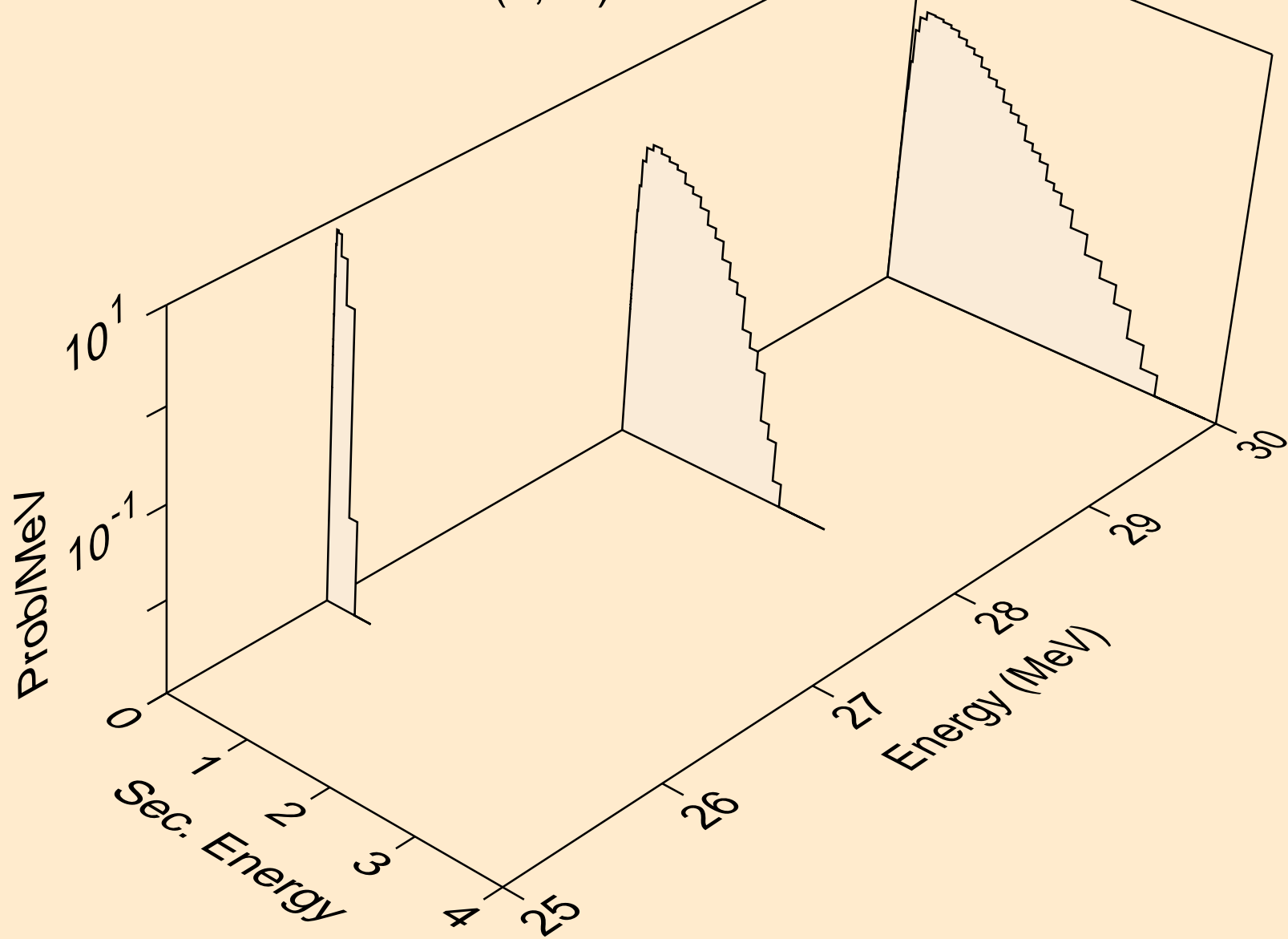
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



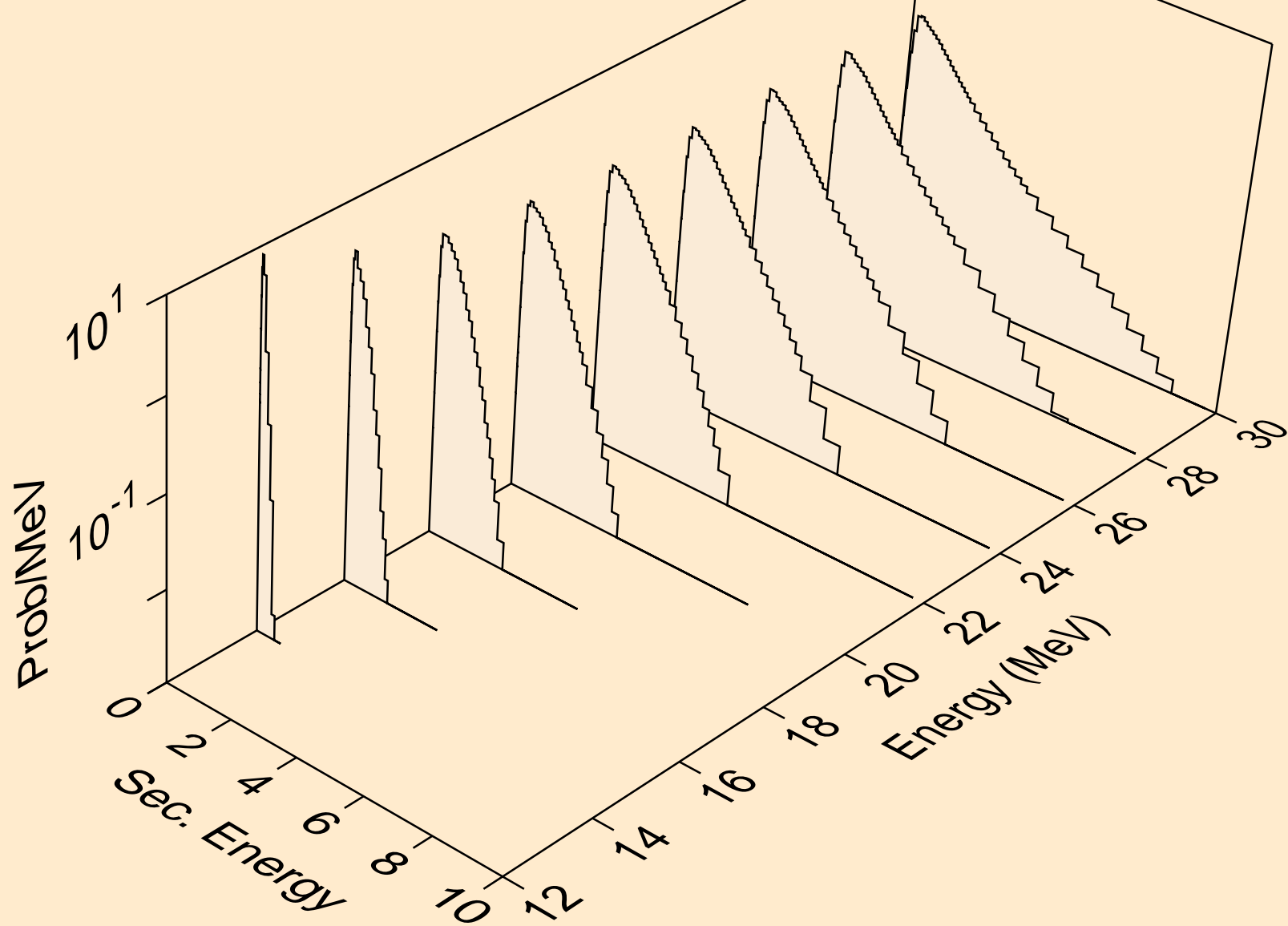
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



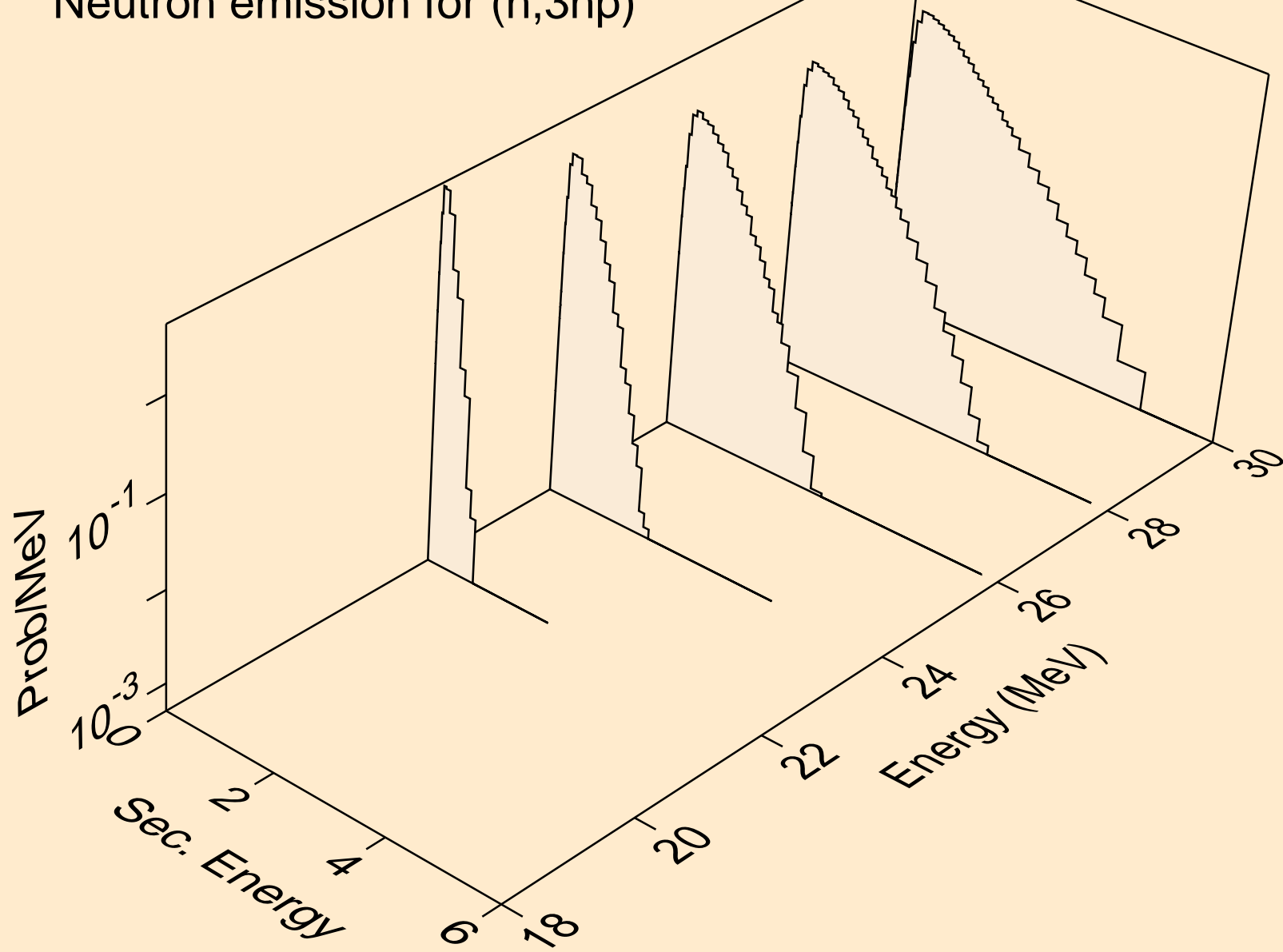
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



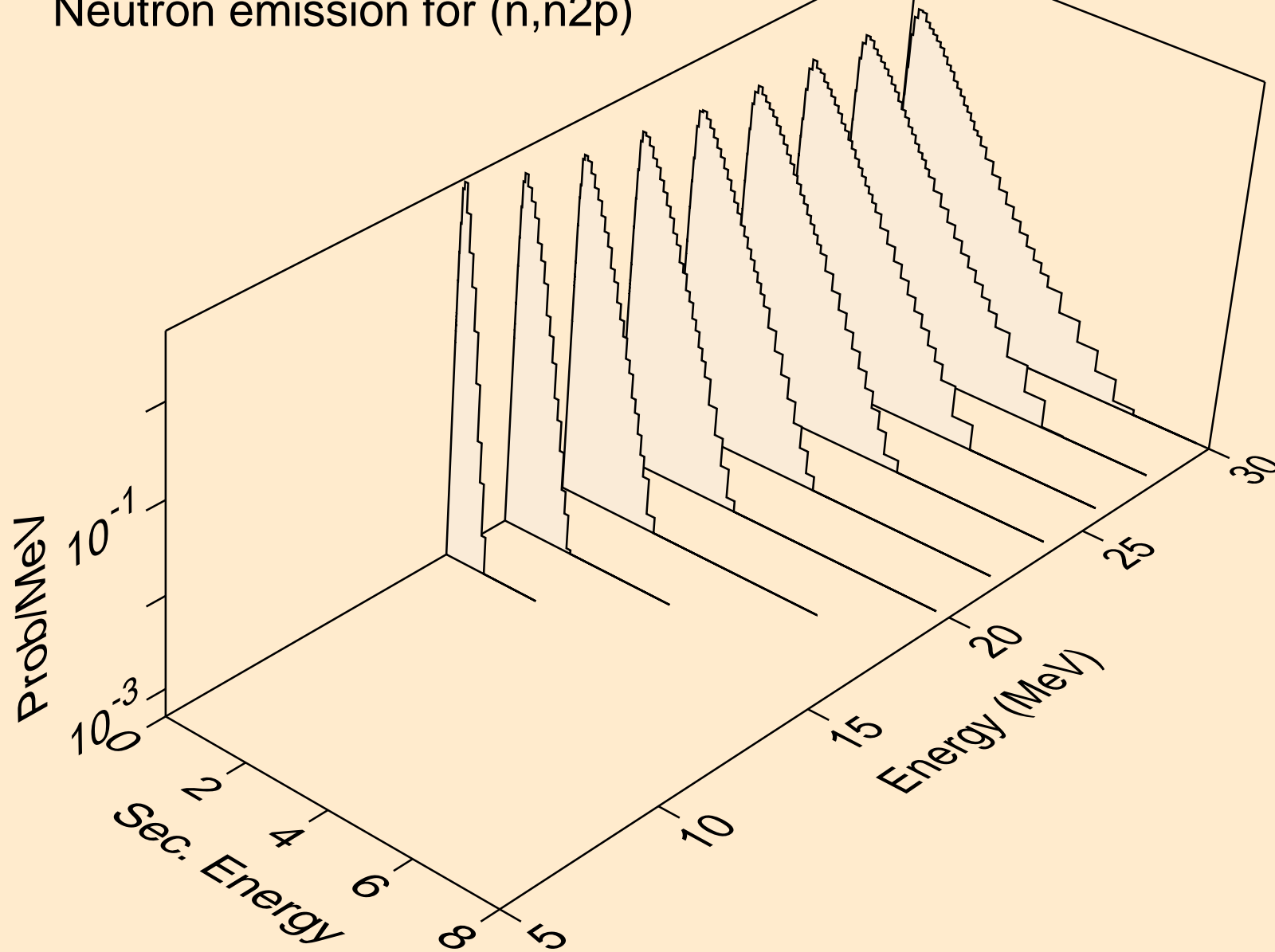
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



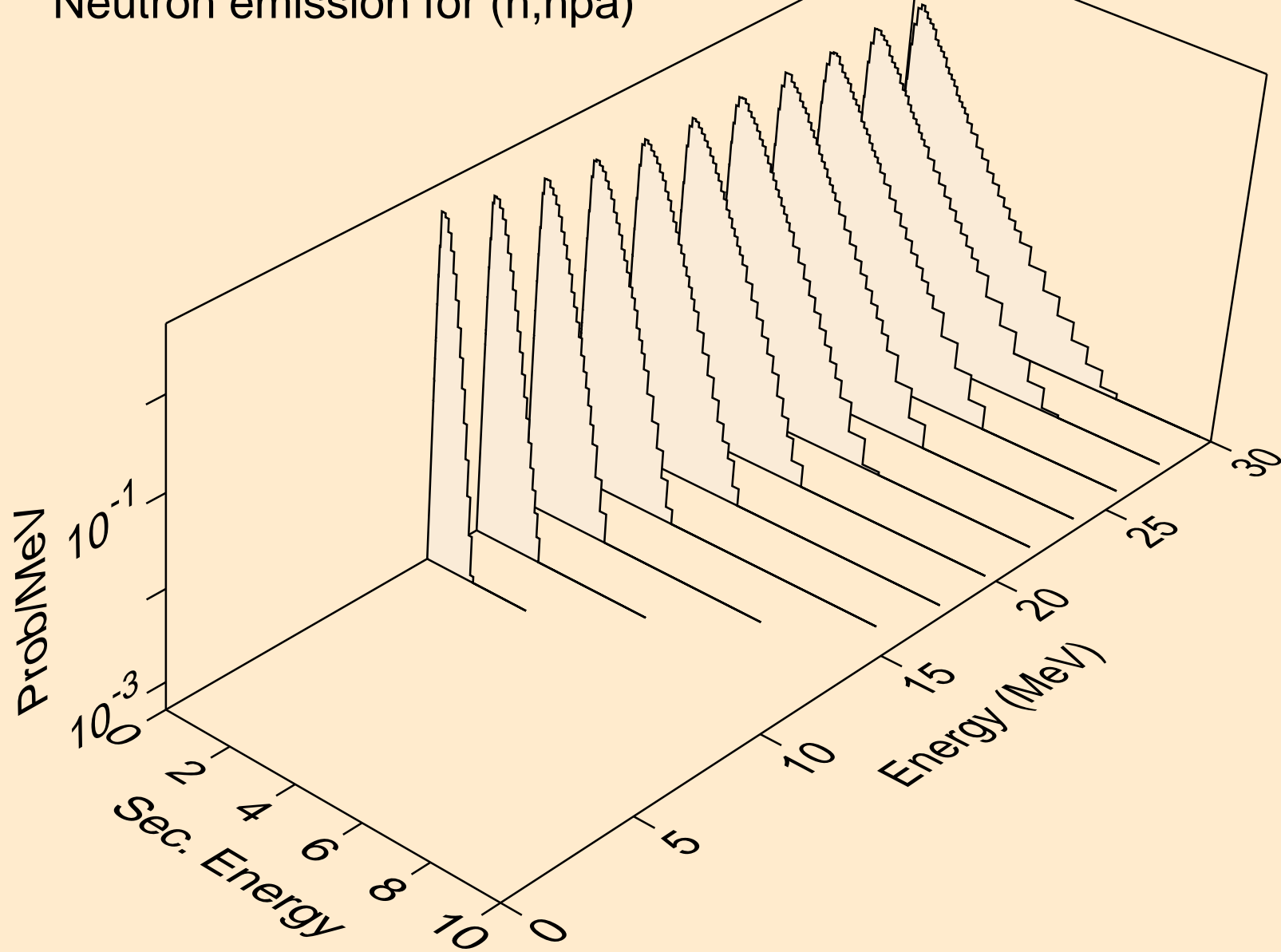
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



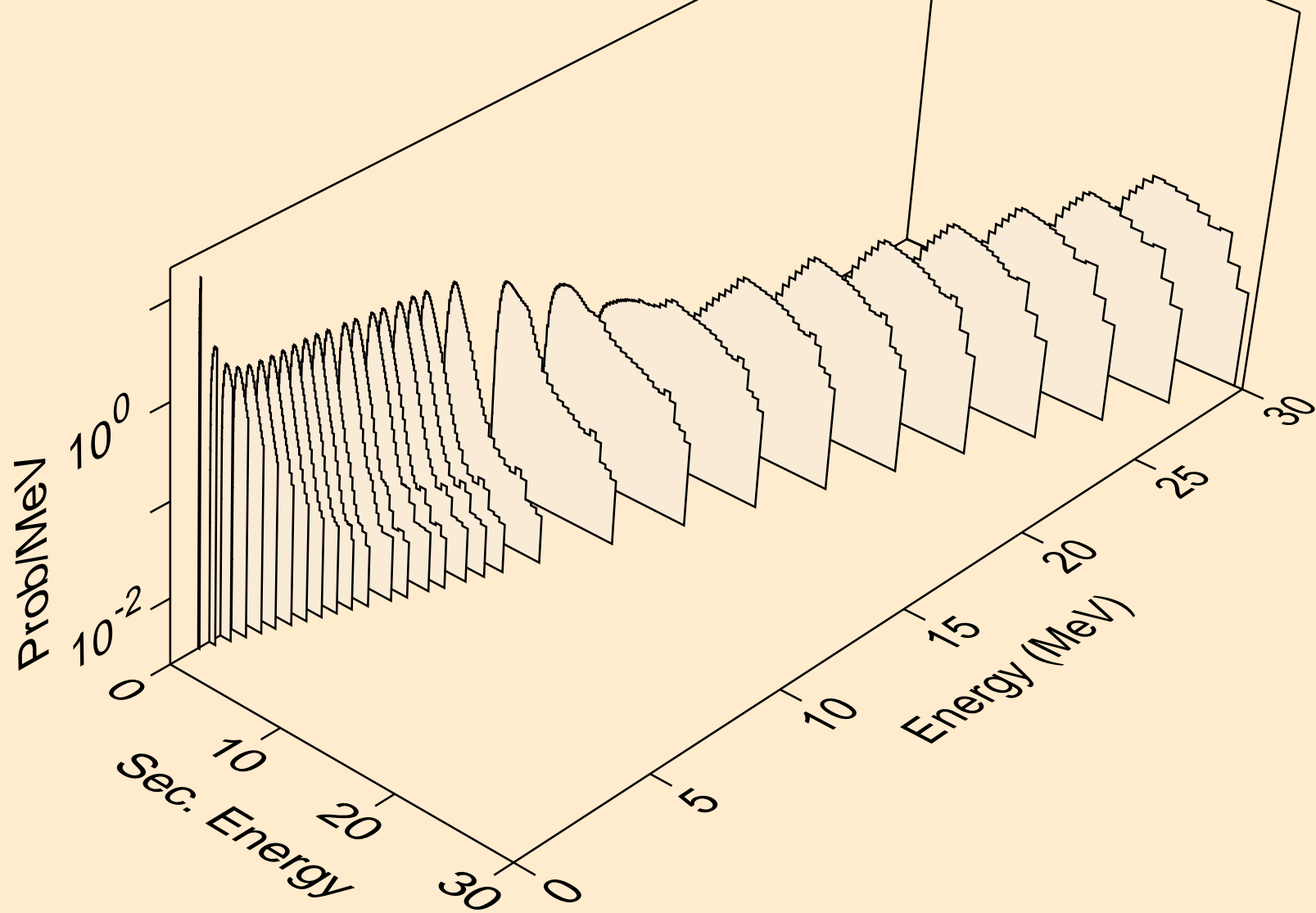
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

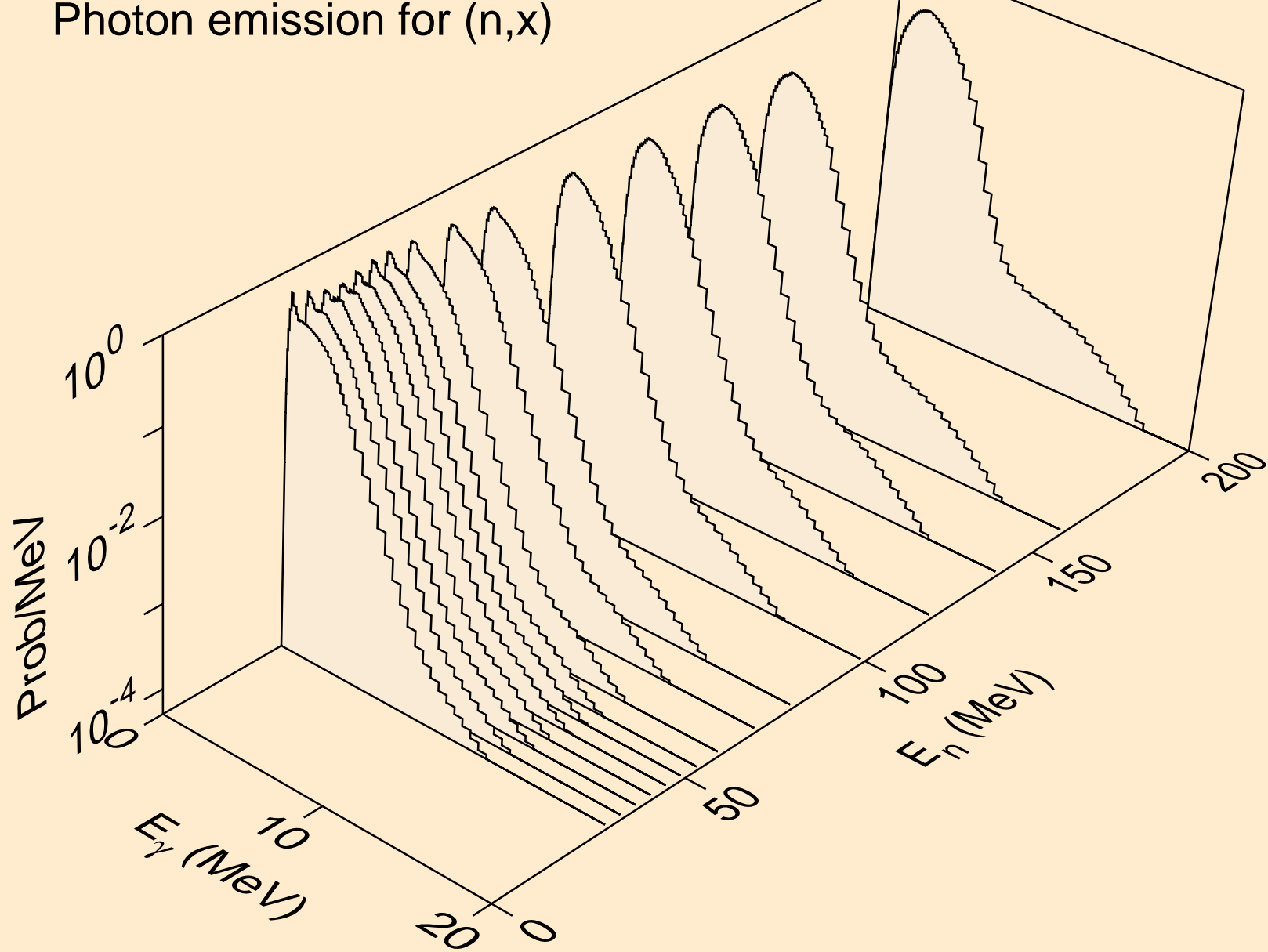


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

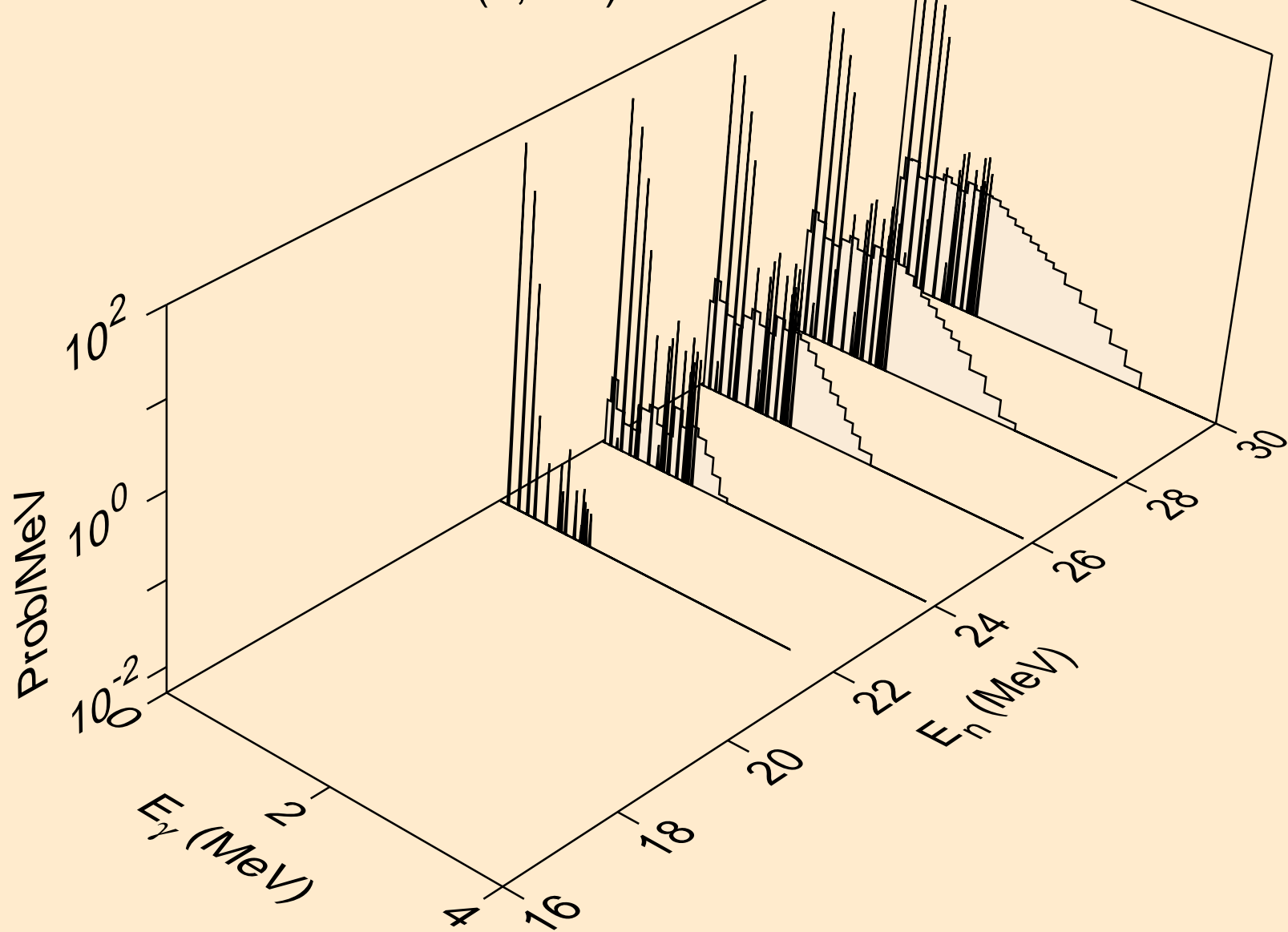




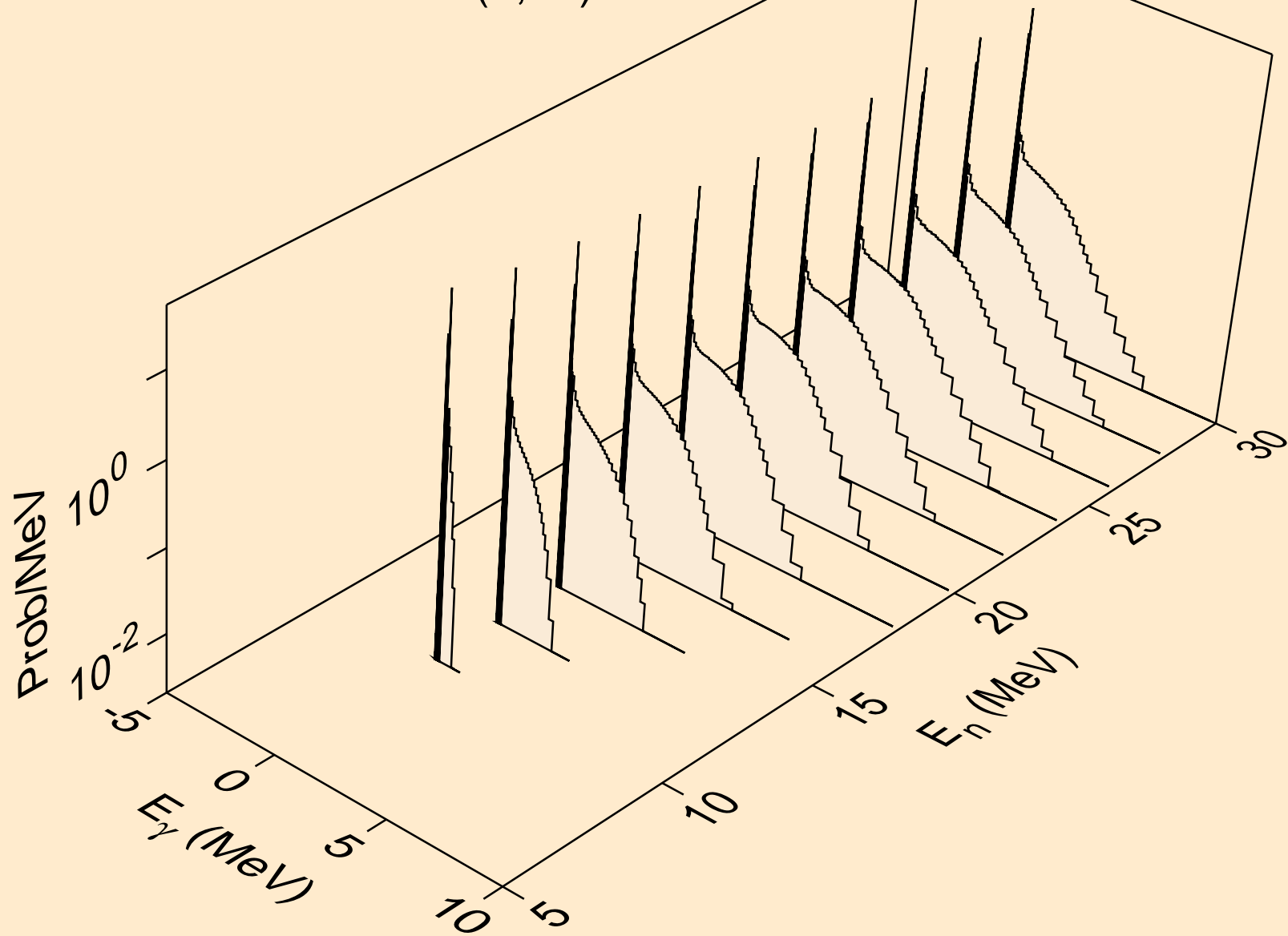
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



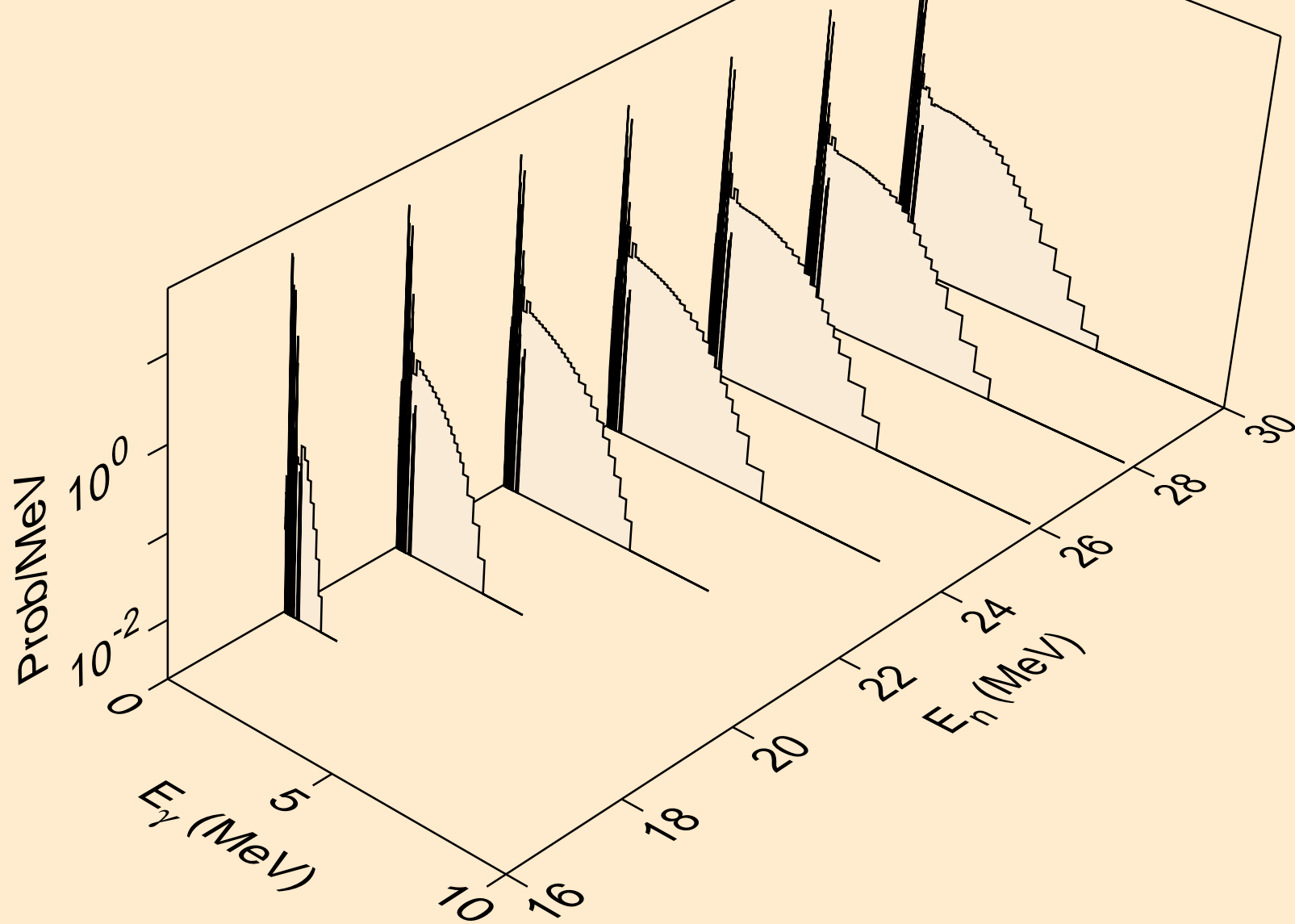
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



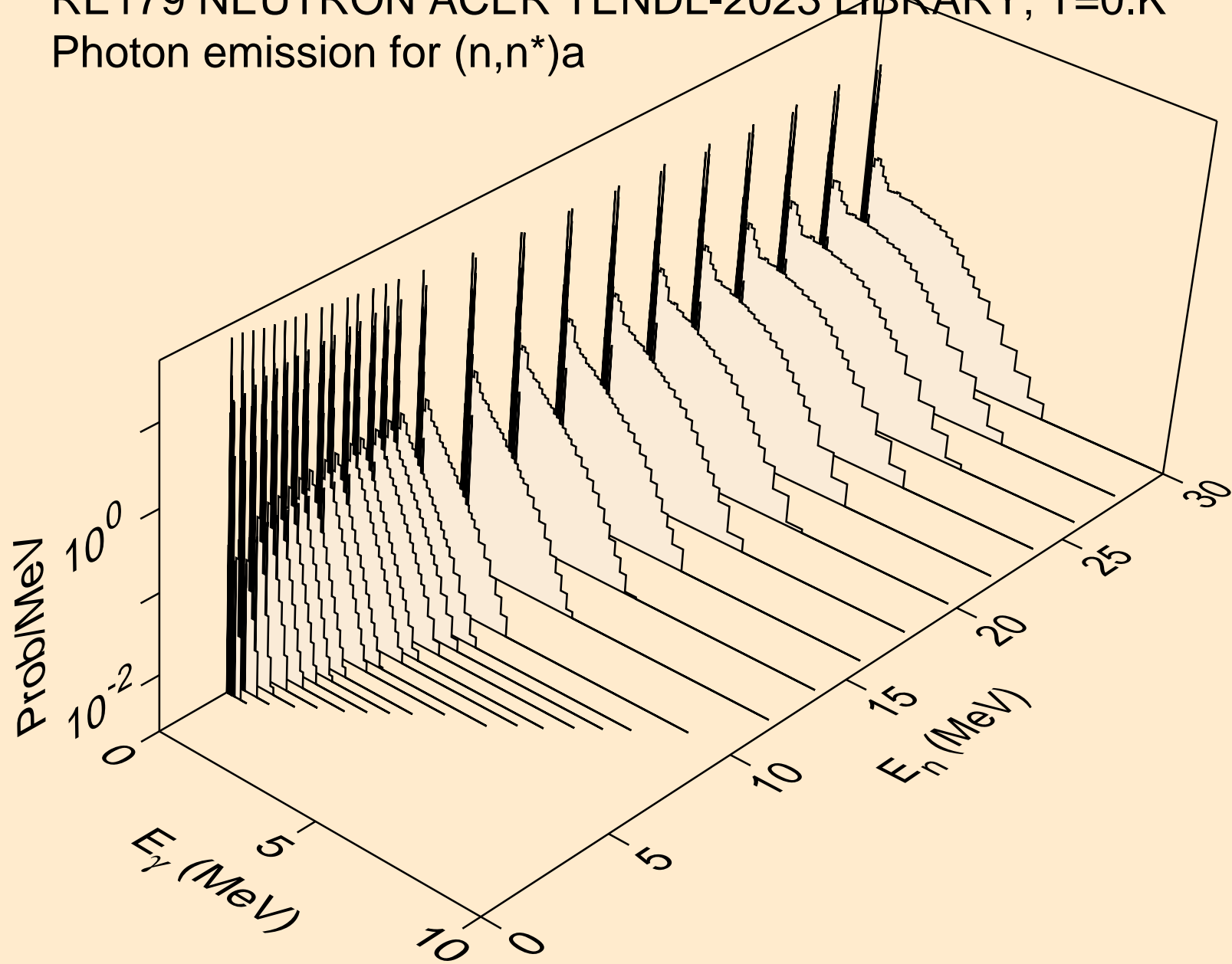
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



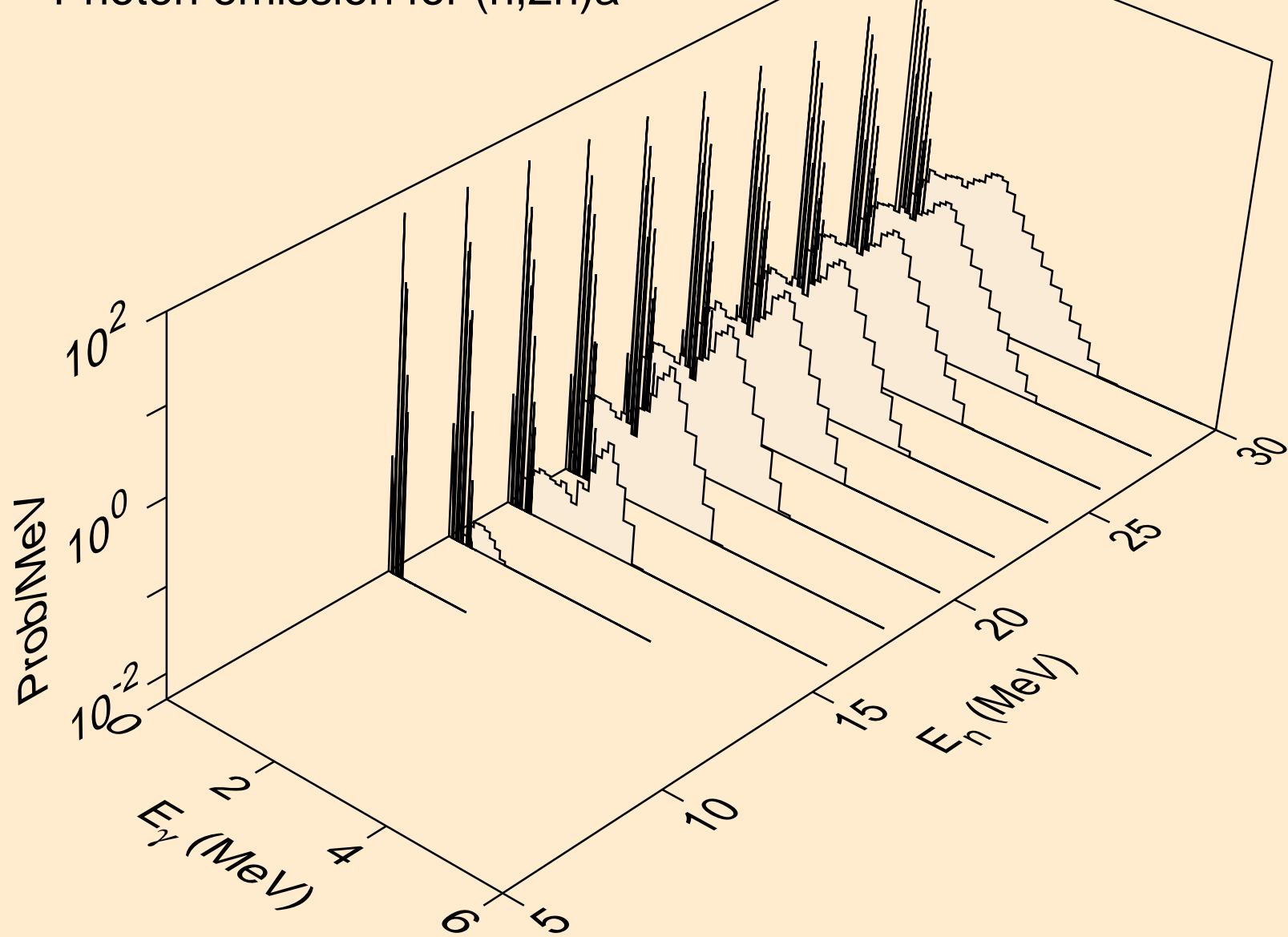
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



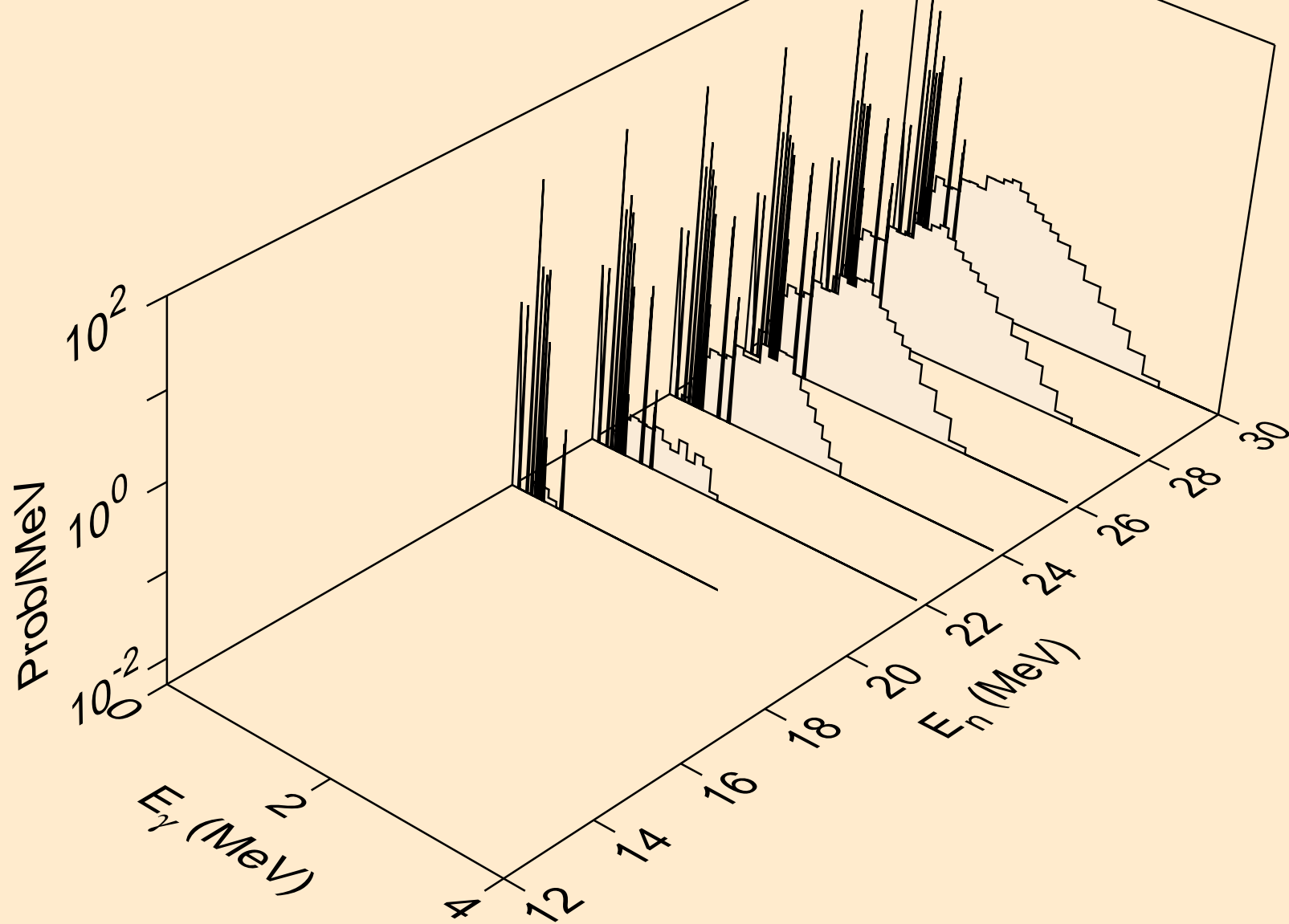
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



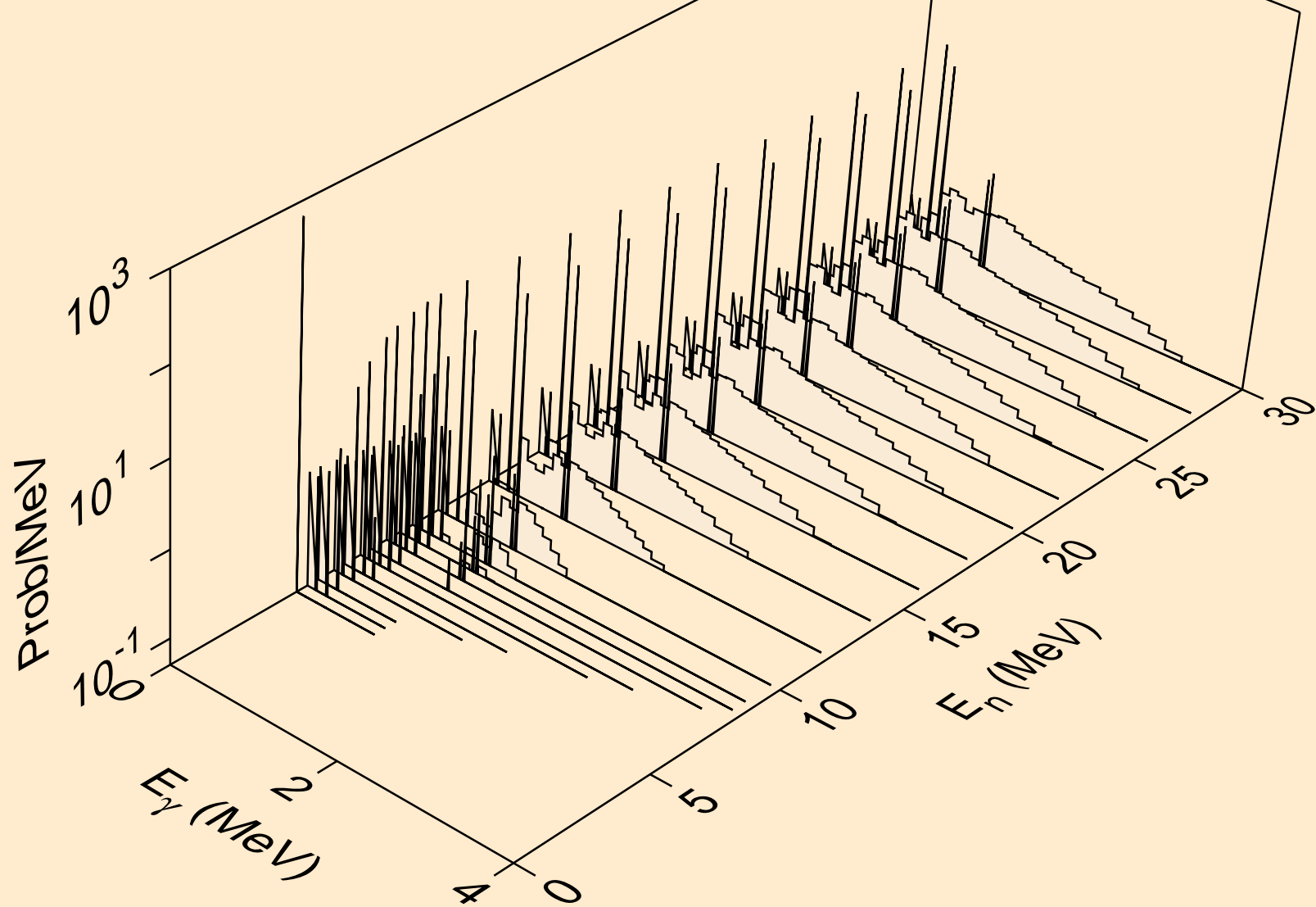
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

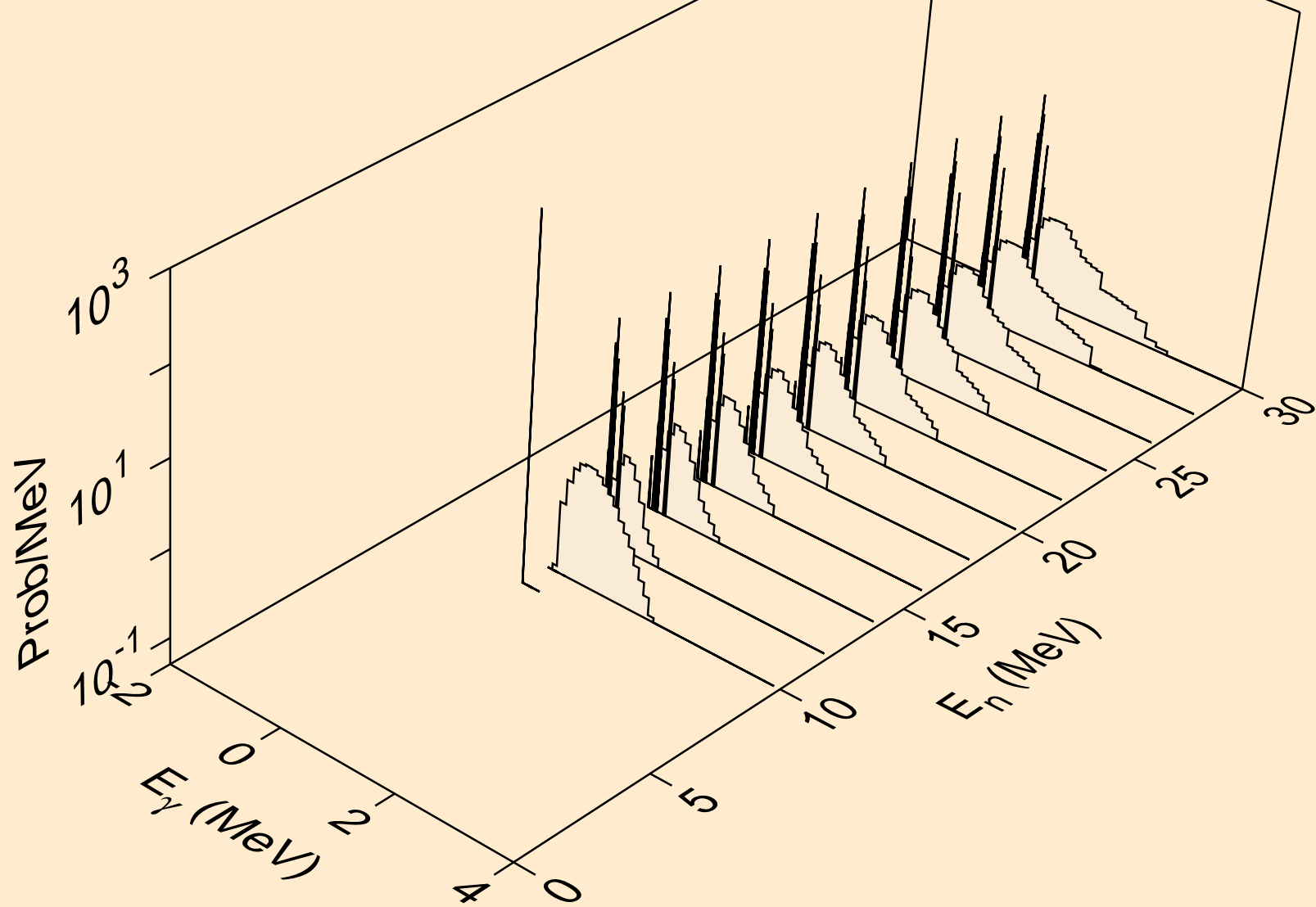


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

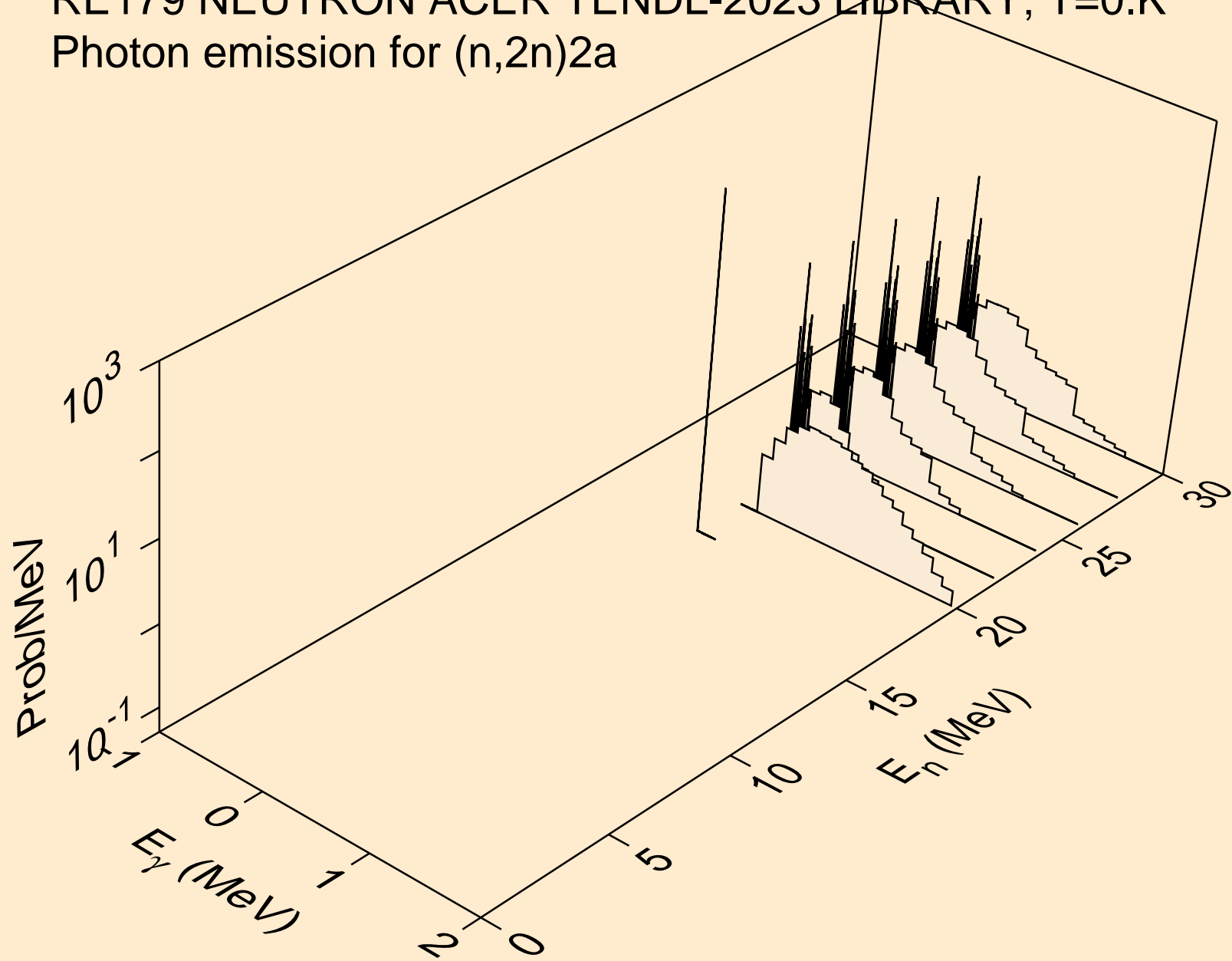




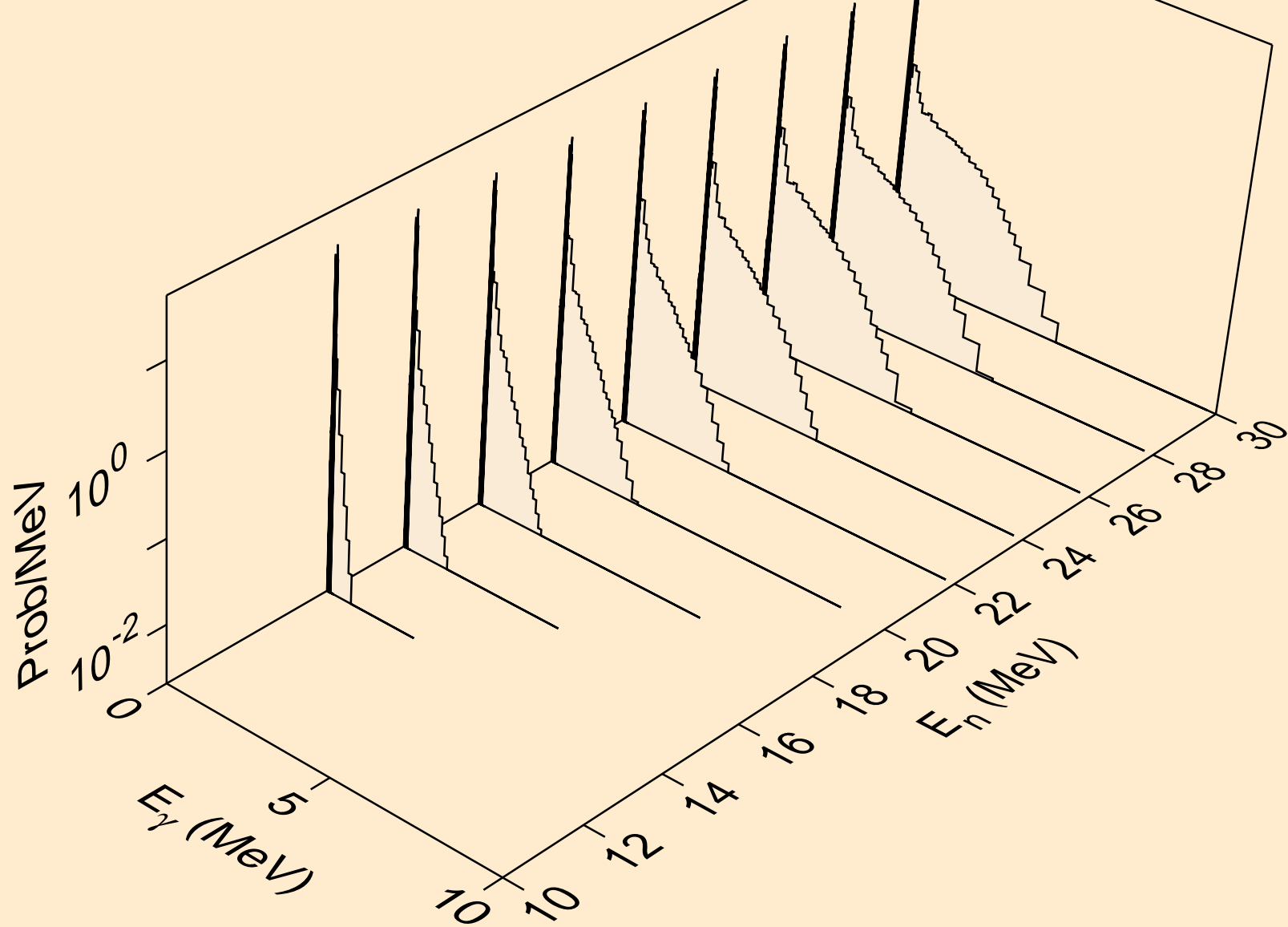
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Photon emission for (n,n\*)2a



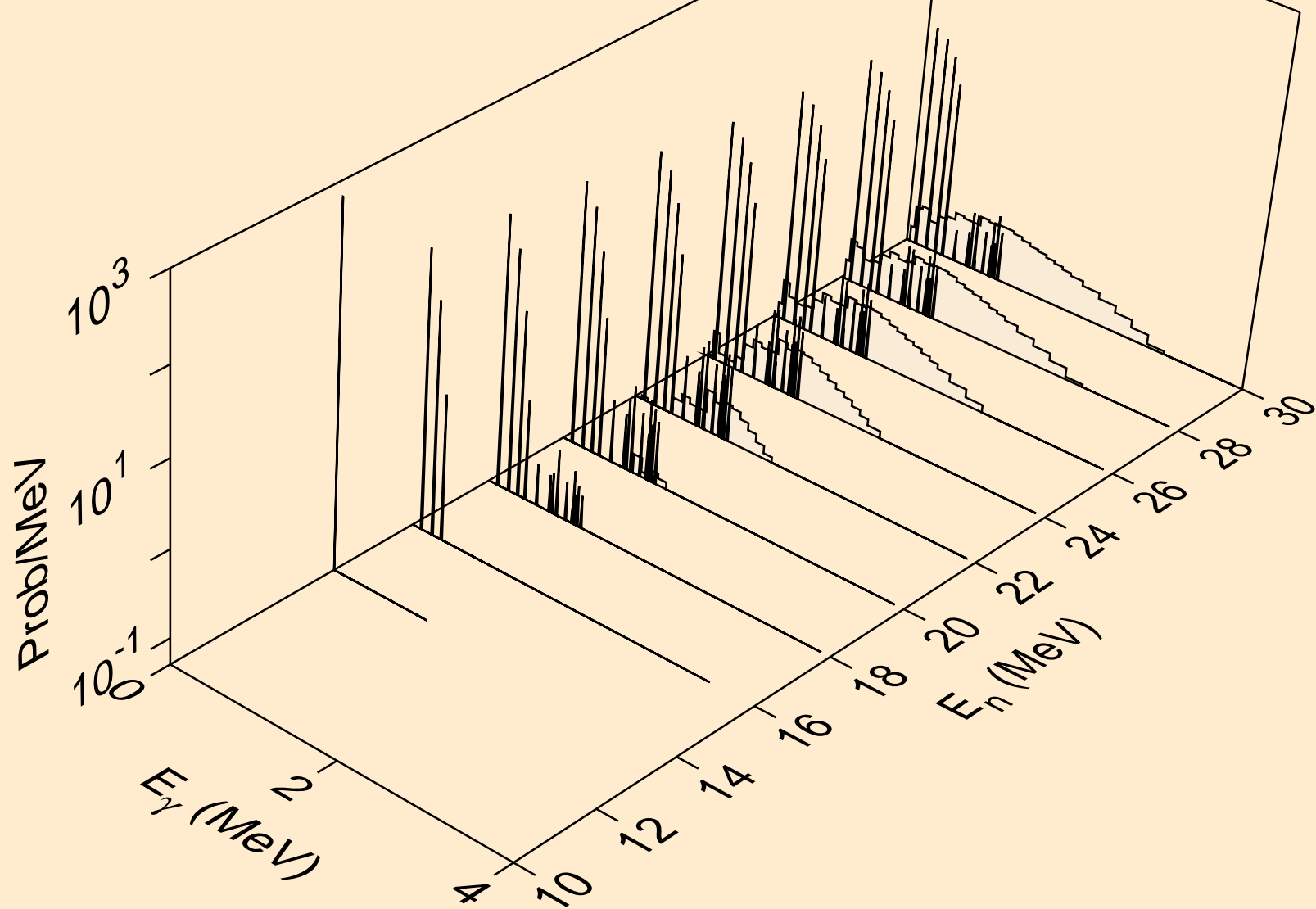
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



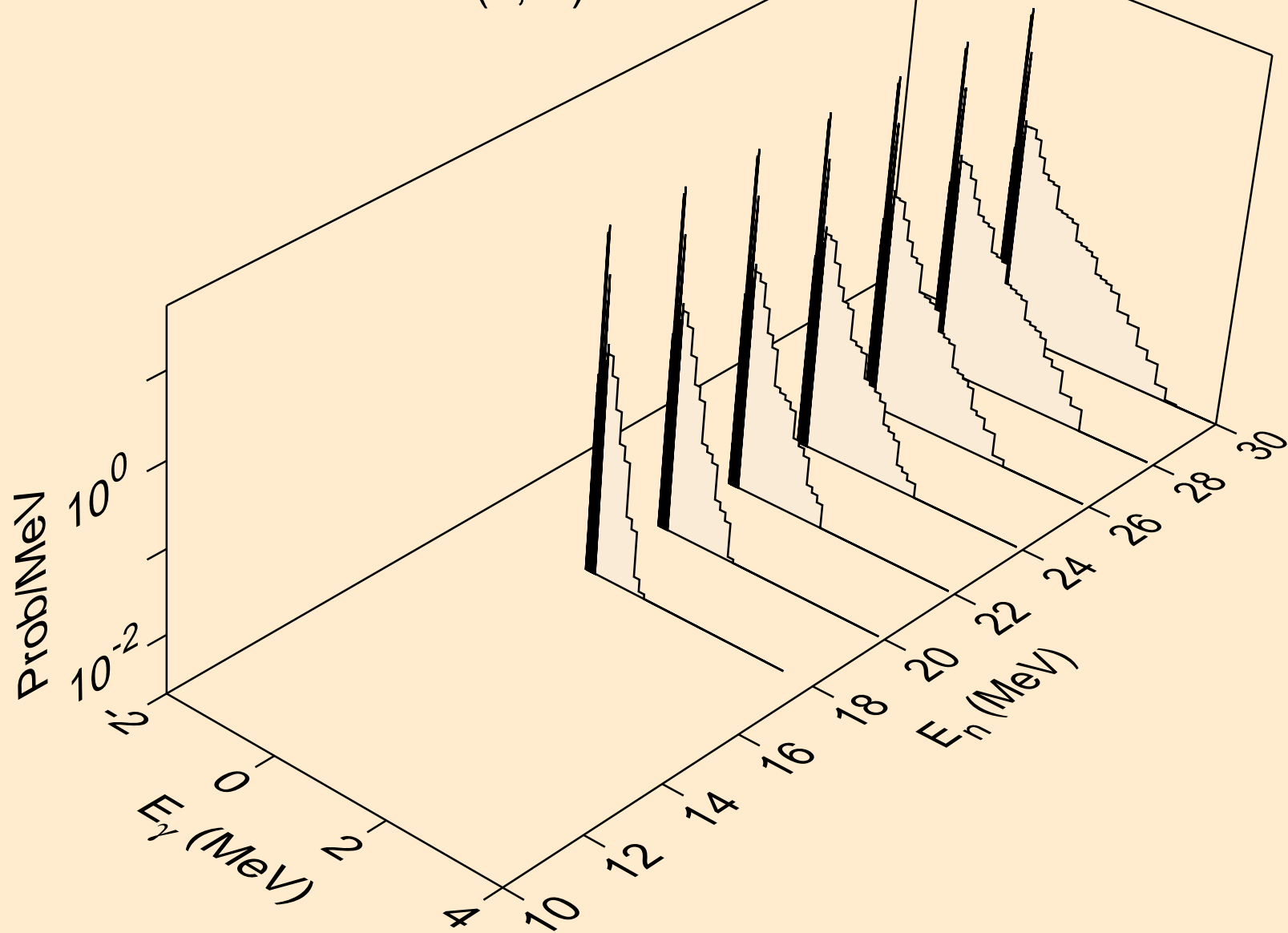
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Photon emission for (n,n\*)d



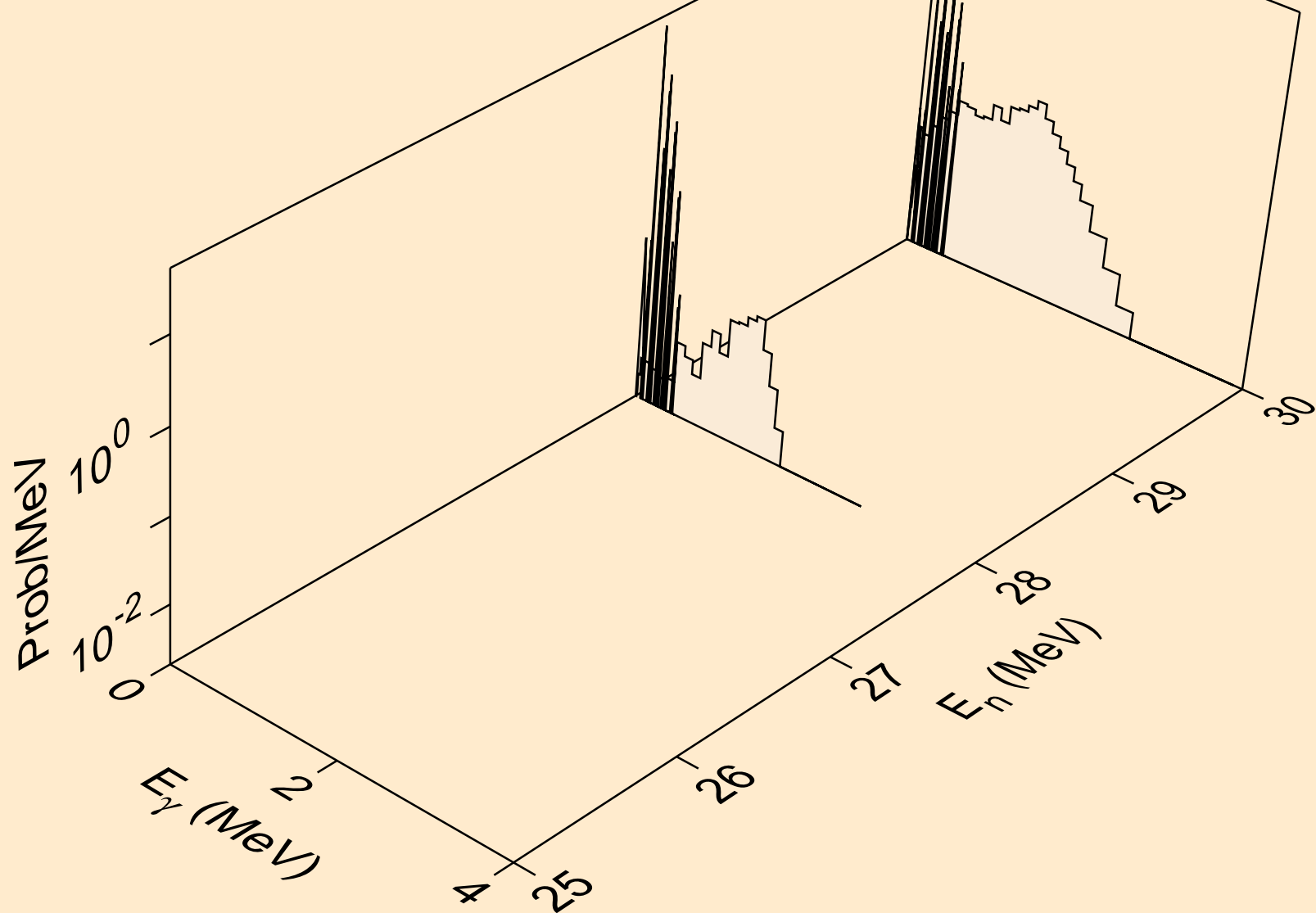
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



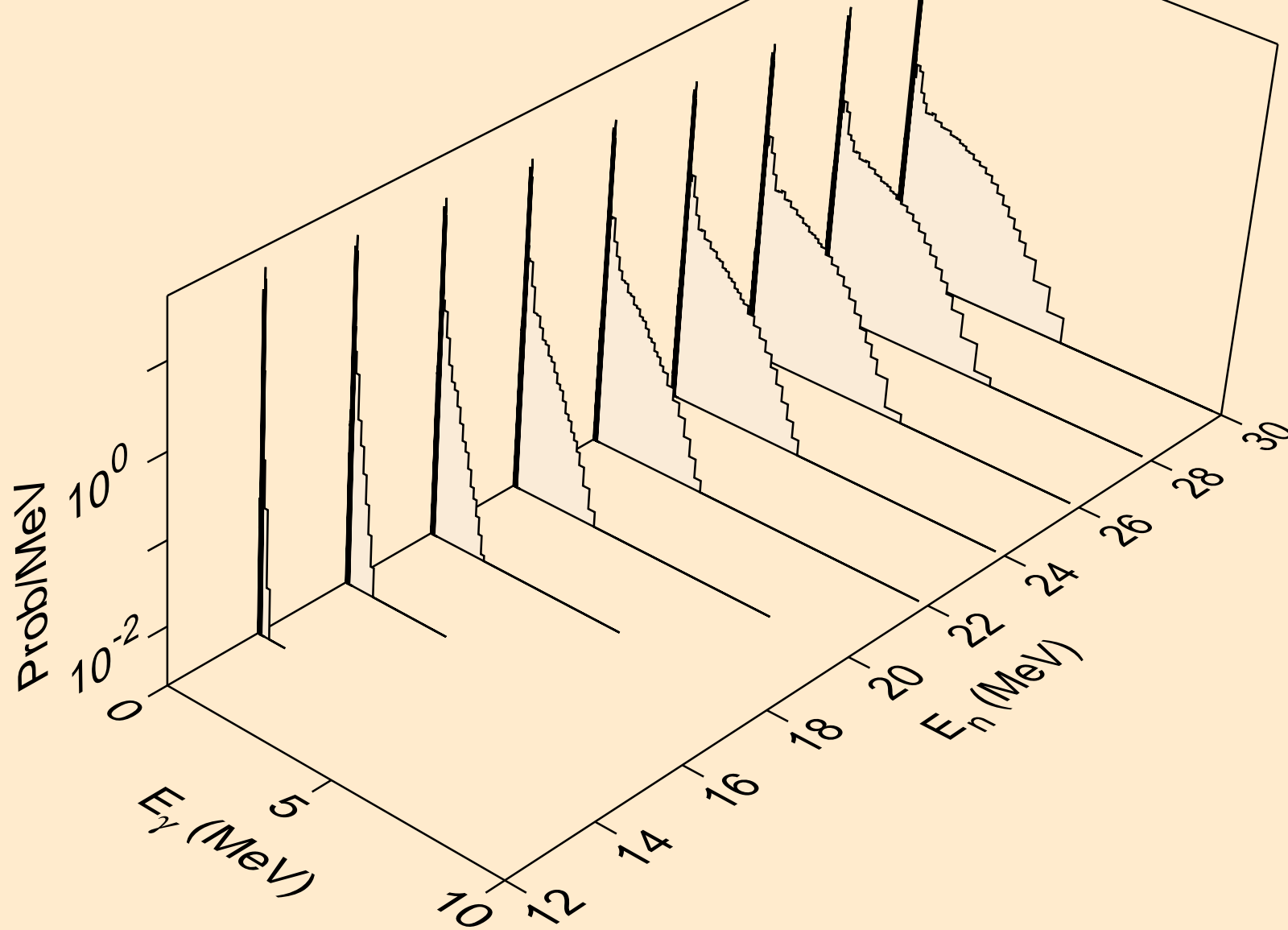
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



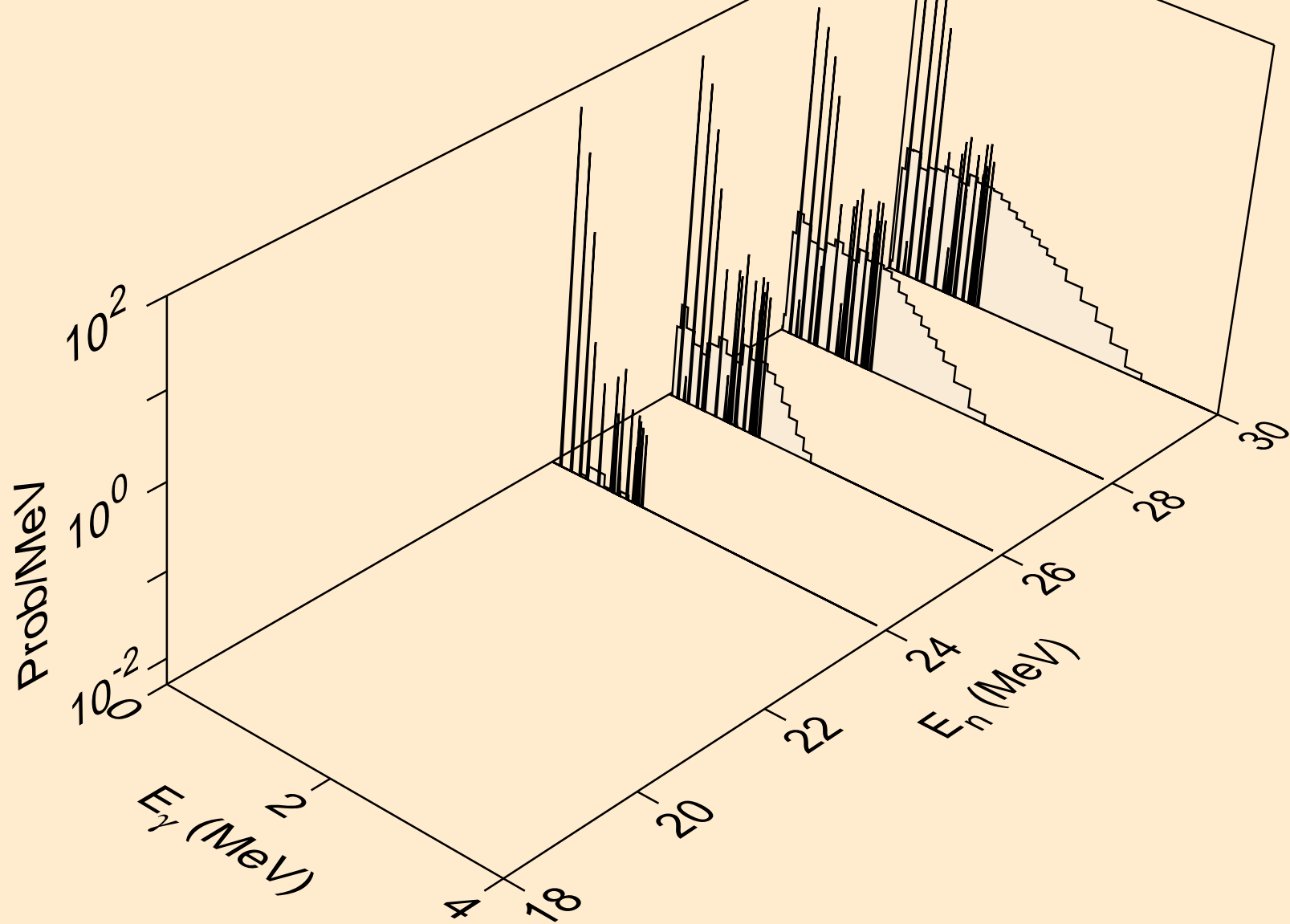
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

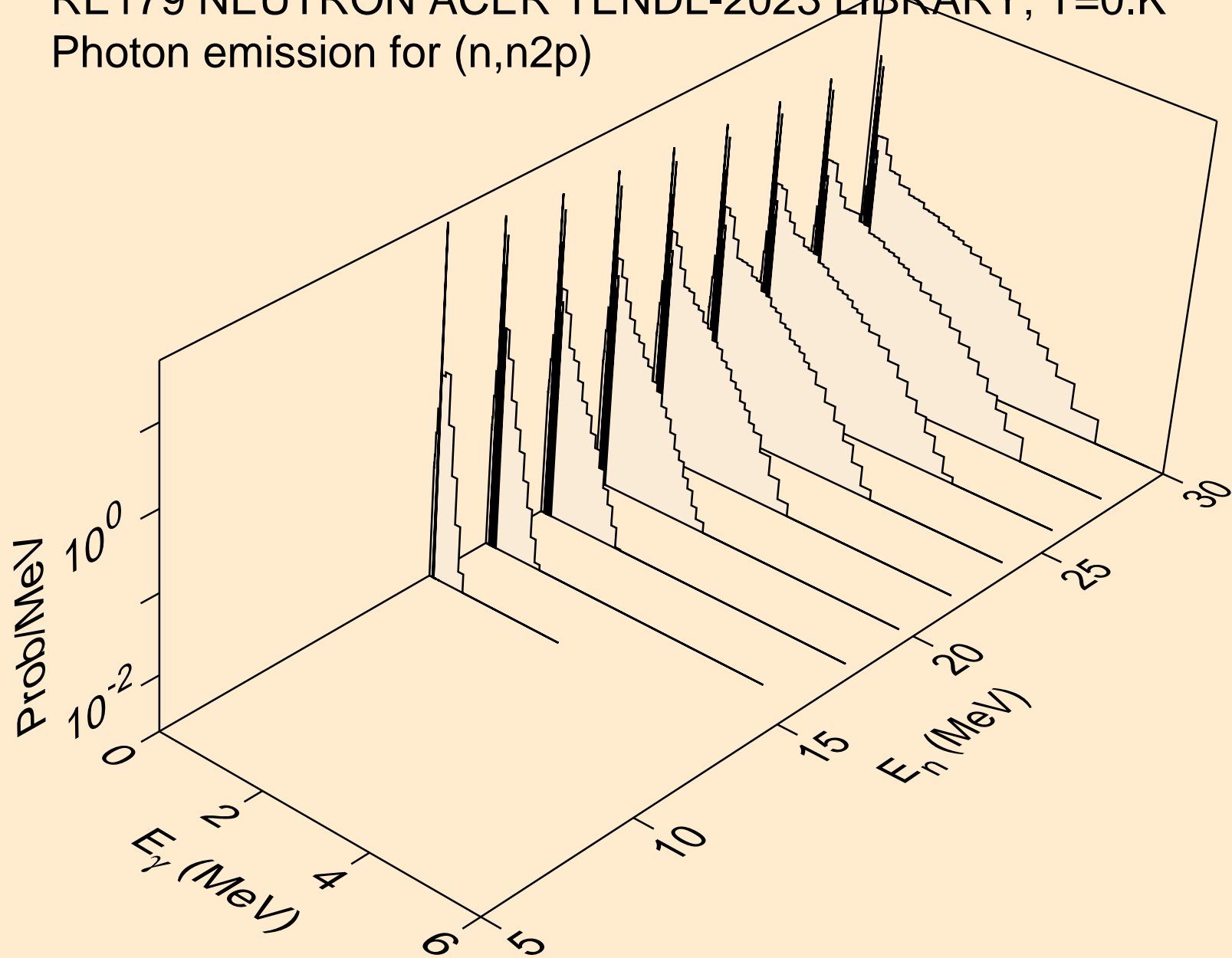


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

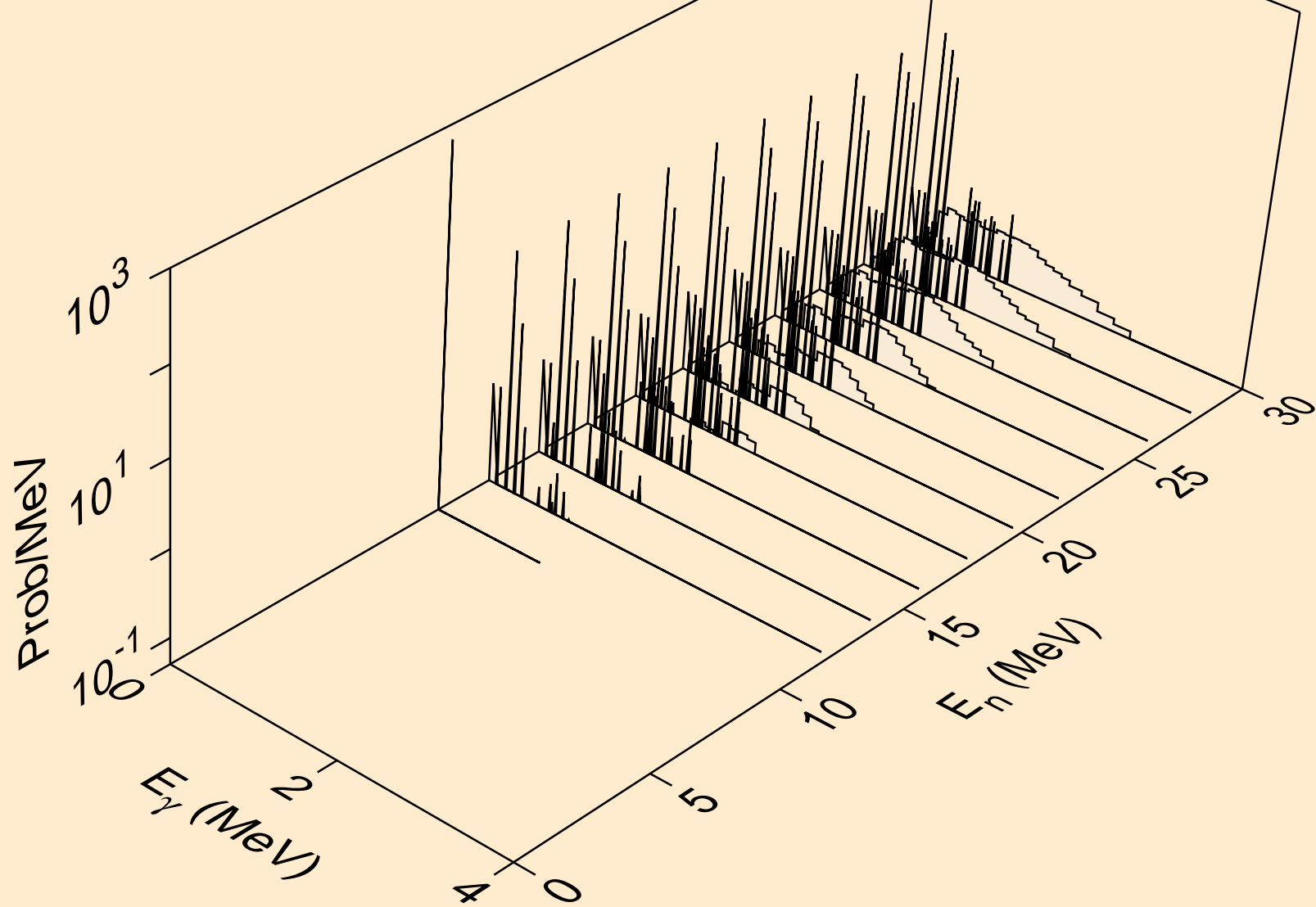




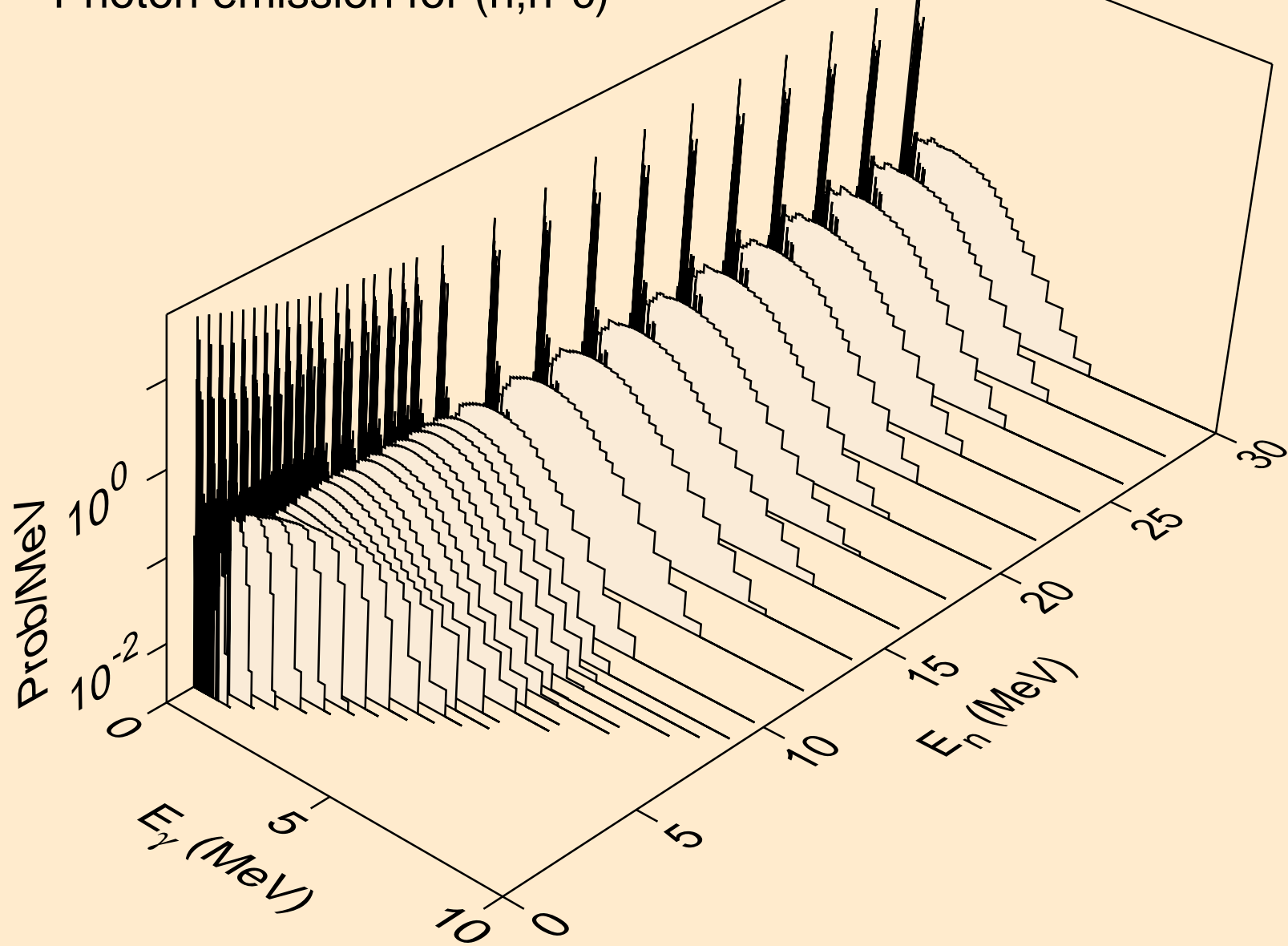
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Photon emission for (n,n2p)



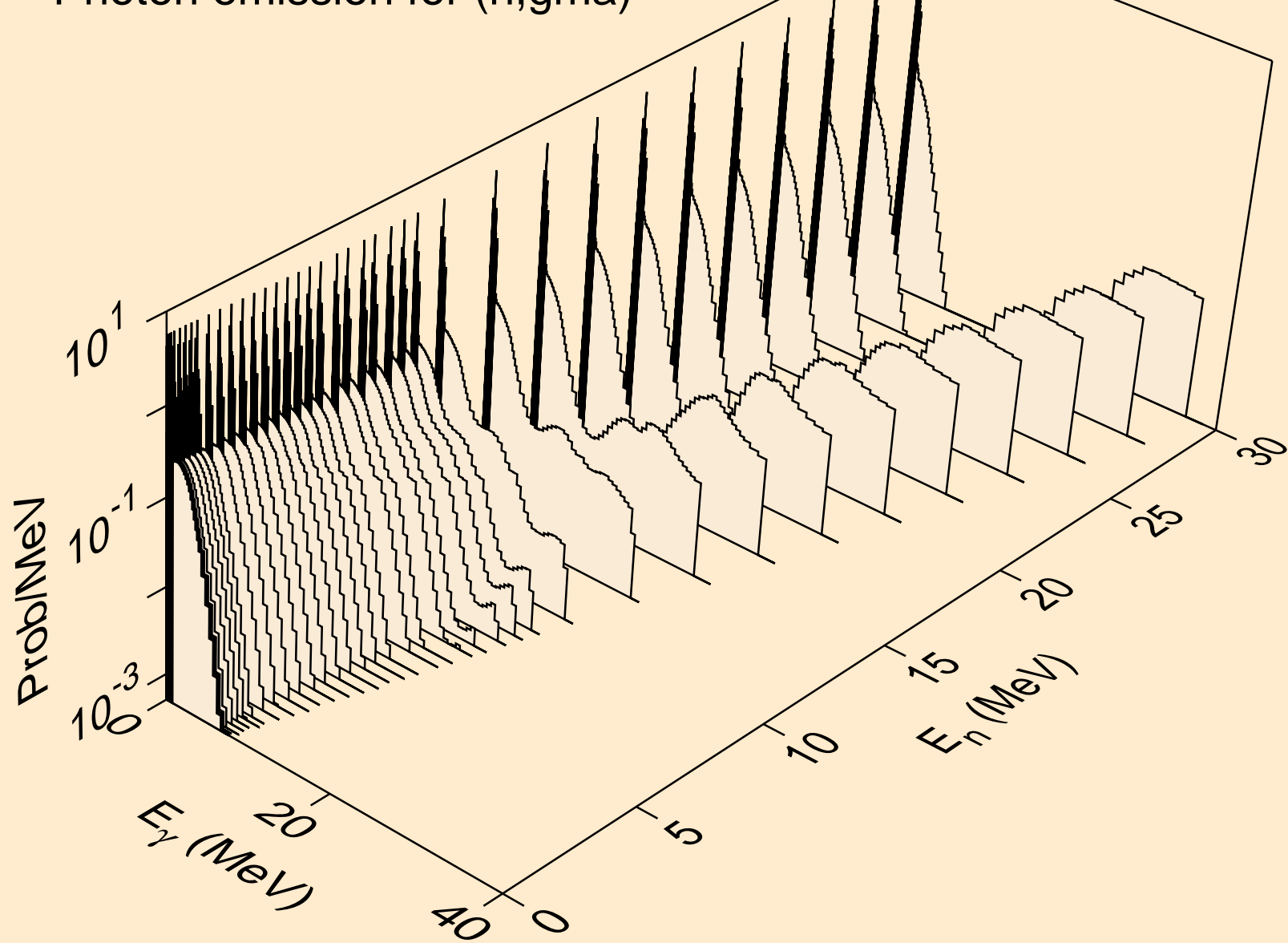
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



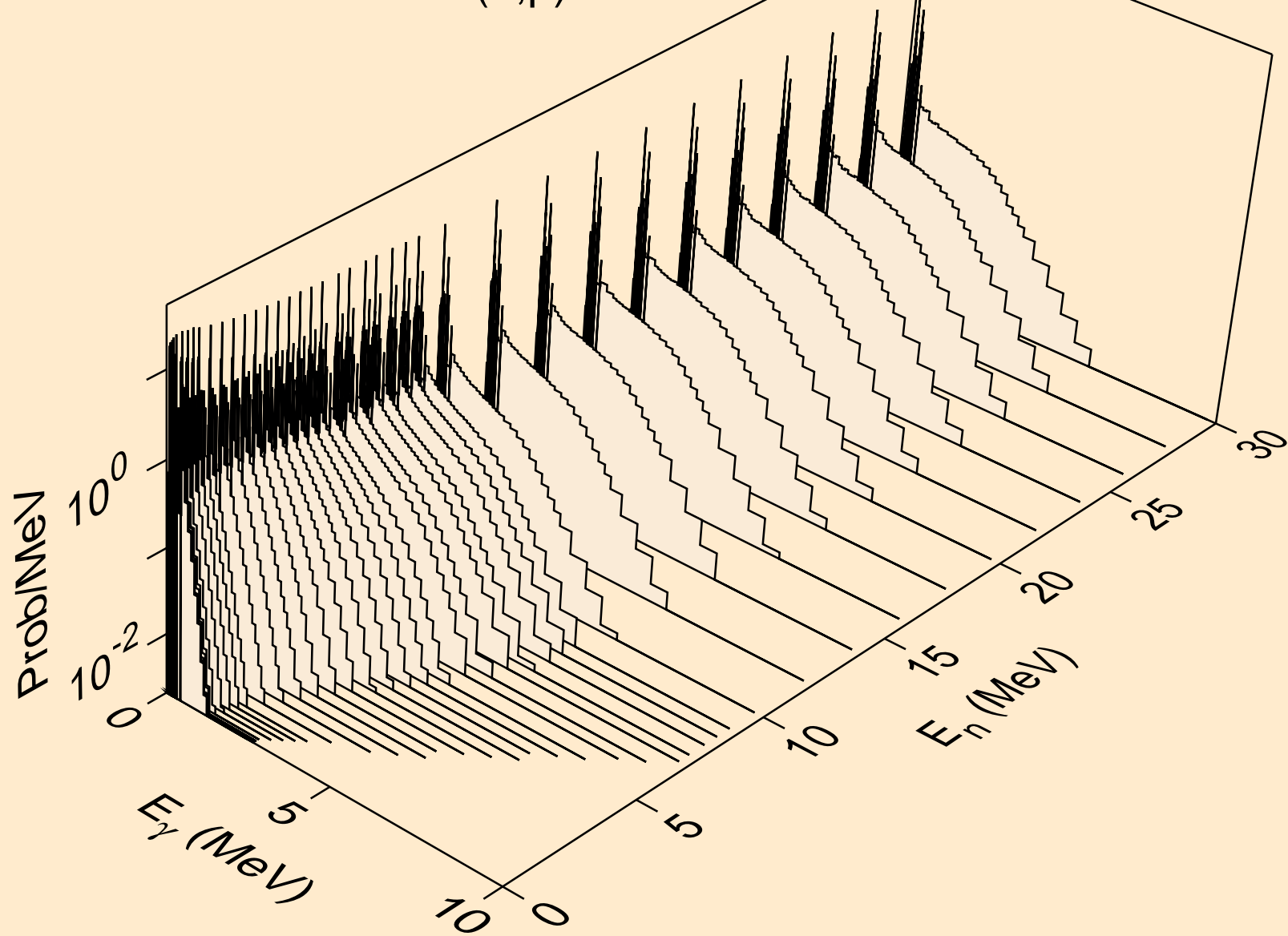
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Photon emission for (n,n\*c)



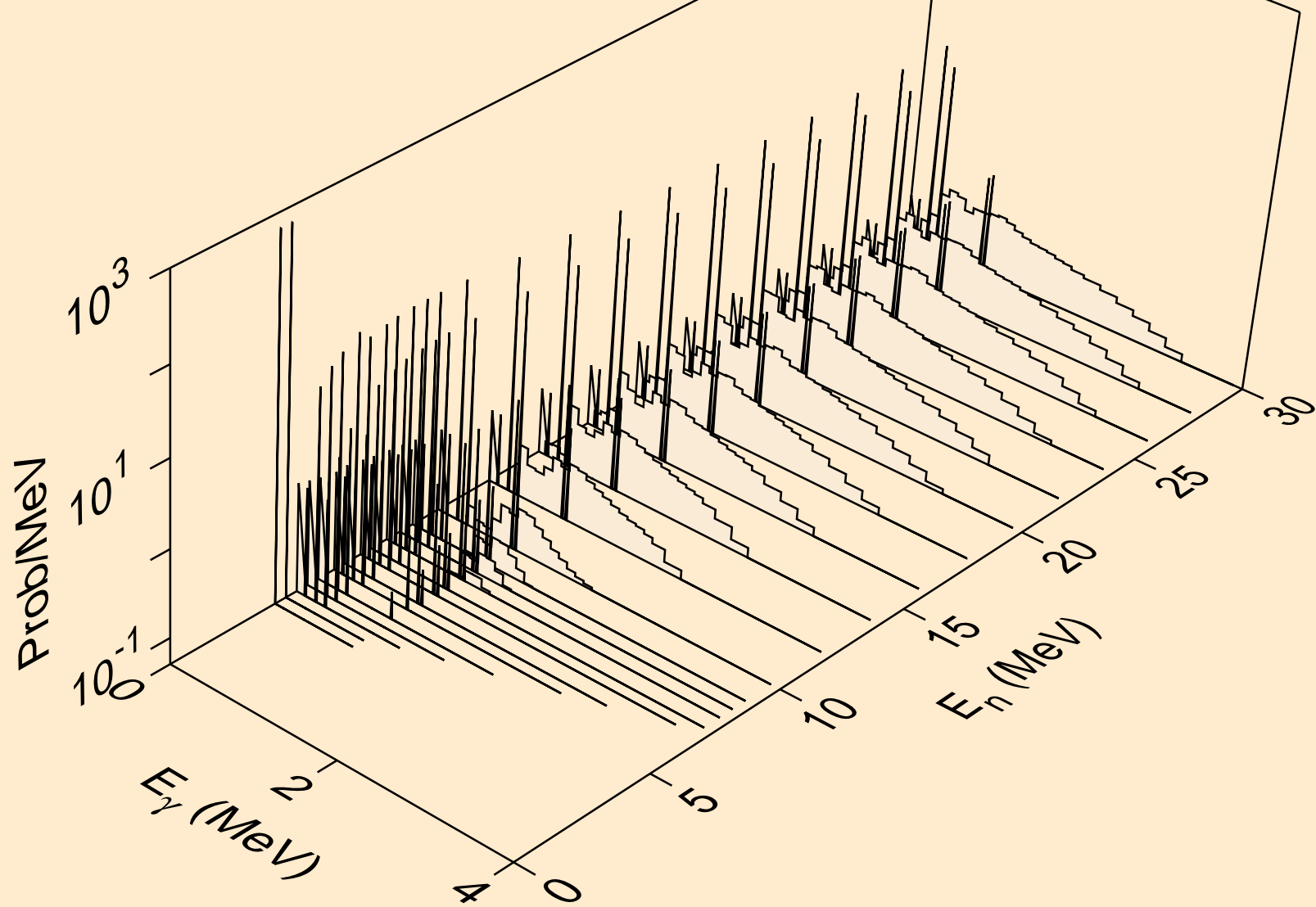
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



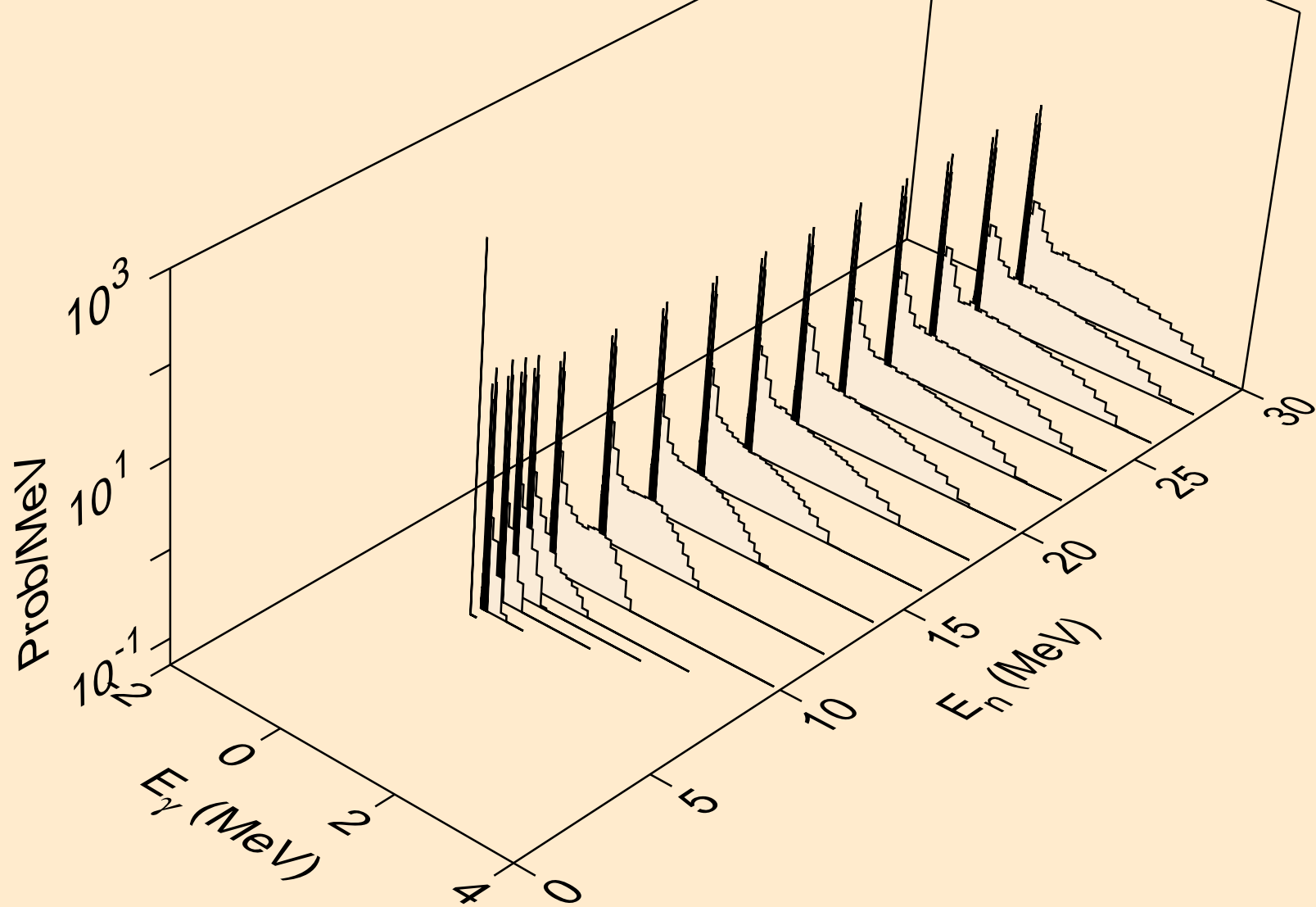
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Photon emission for (n,p)



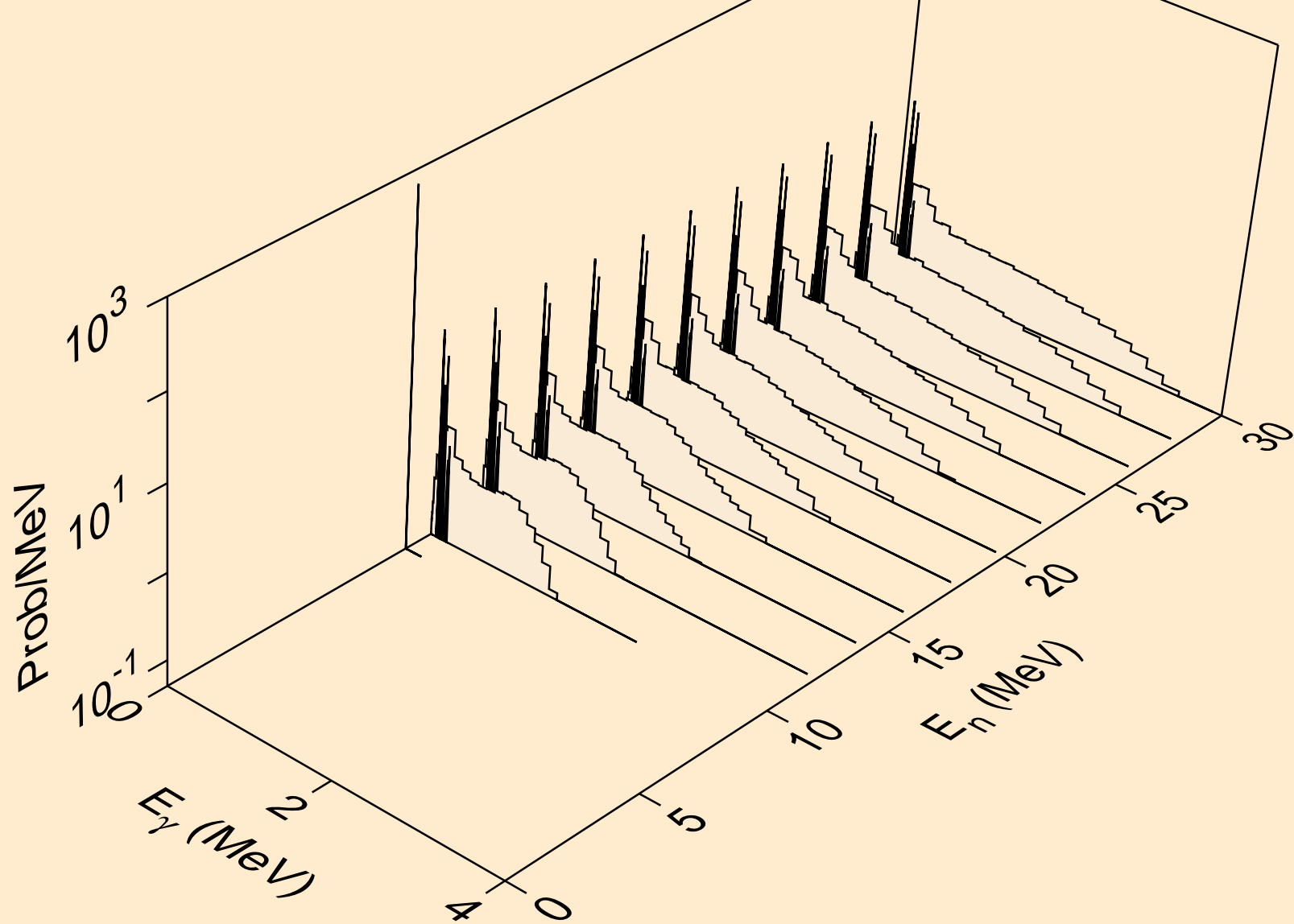
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

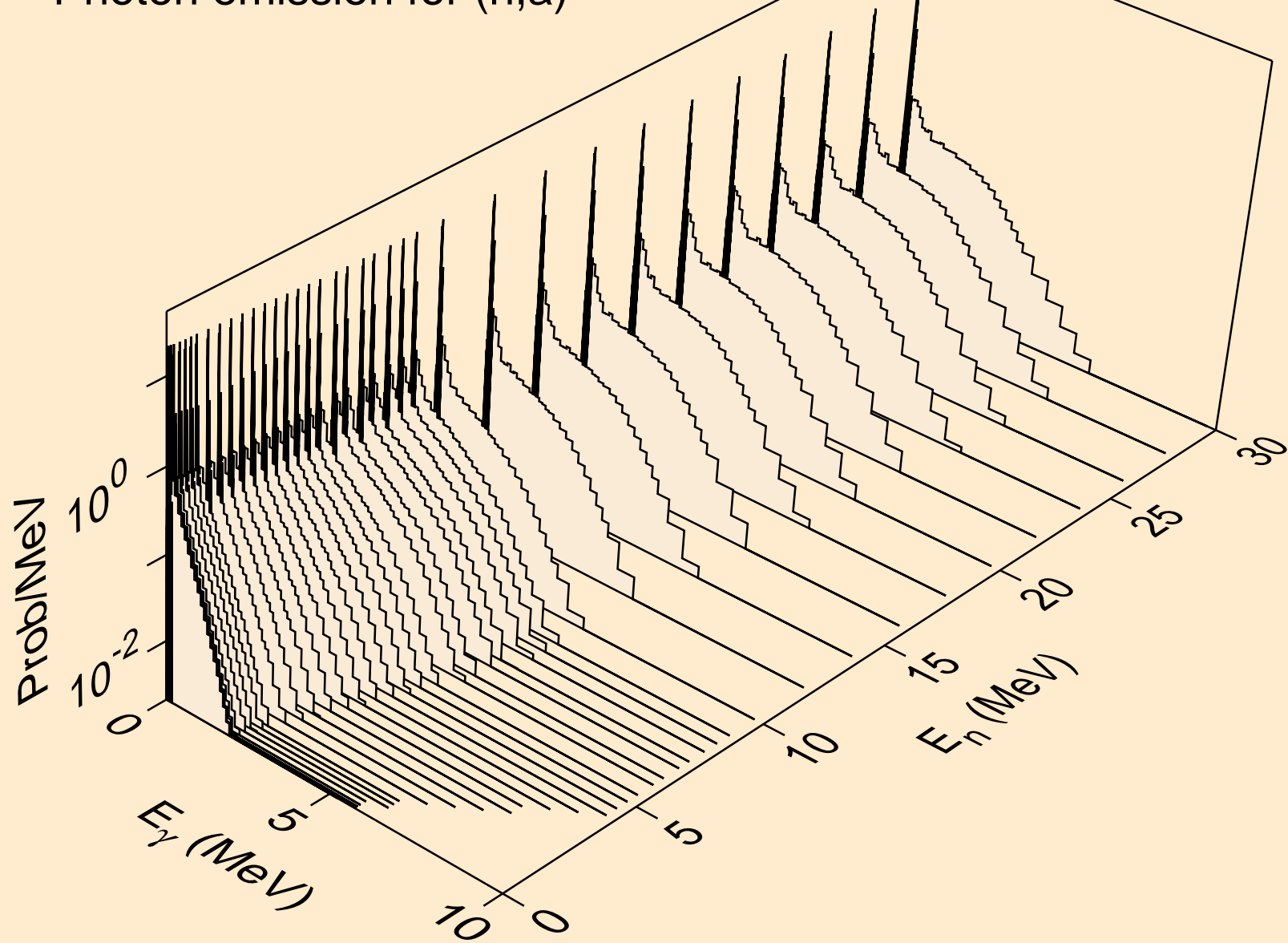


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

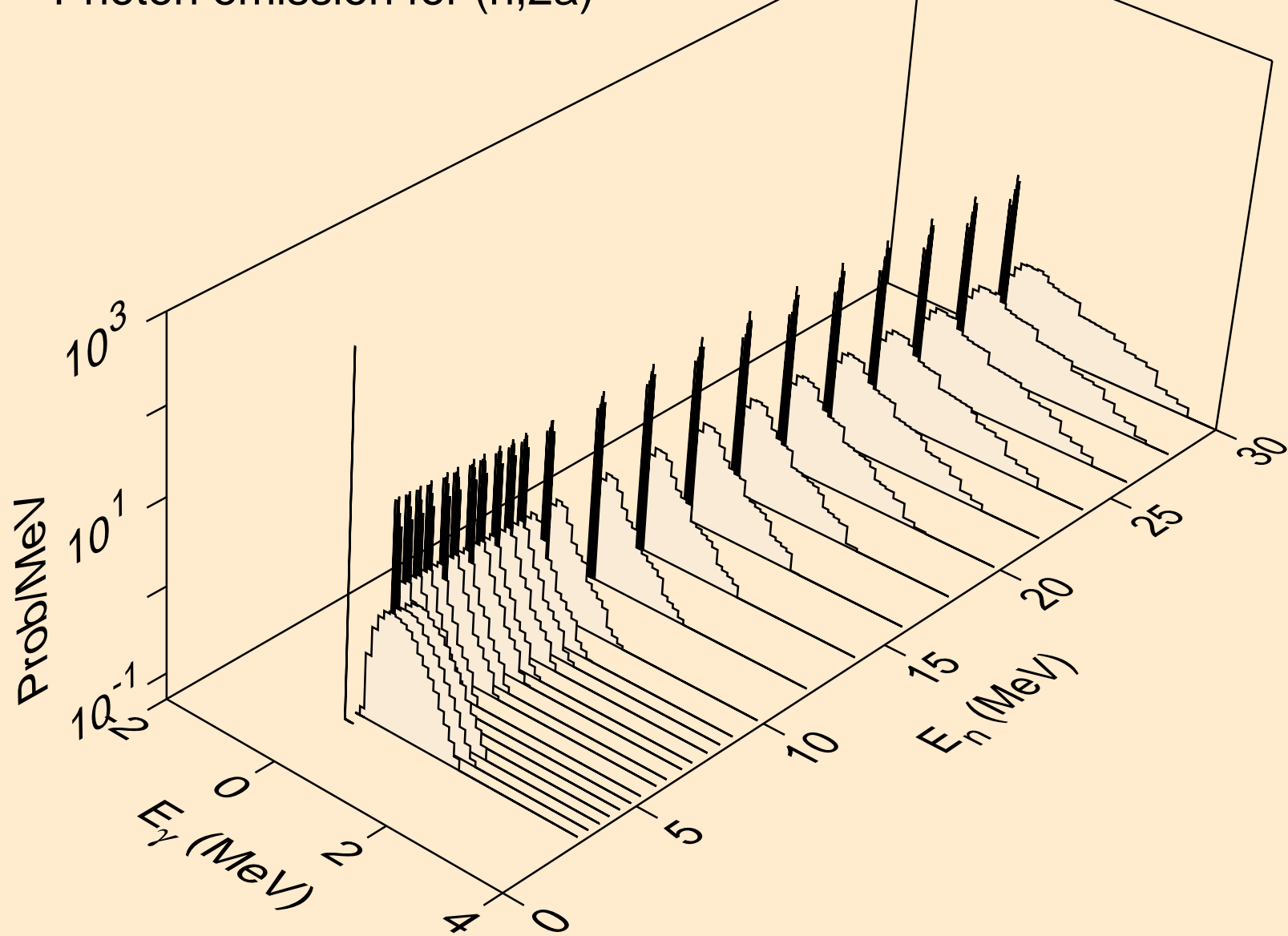




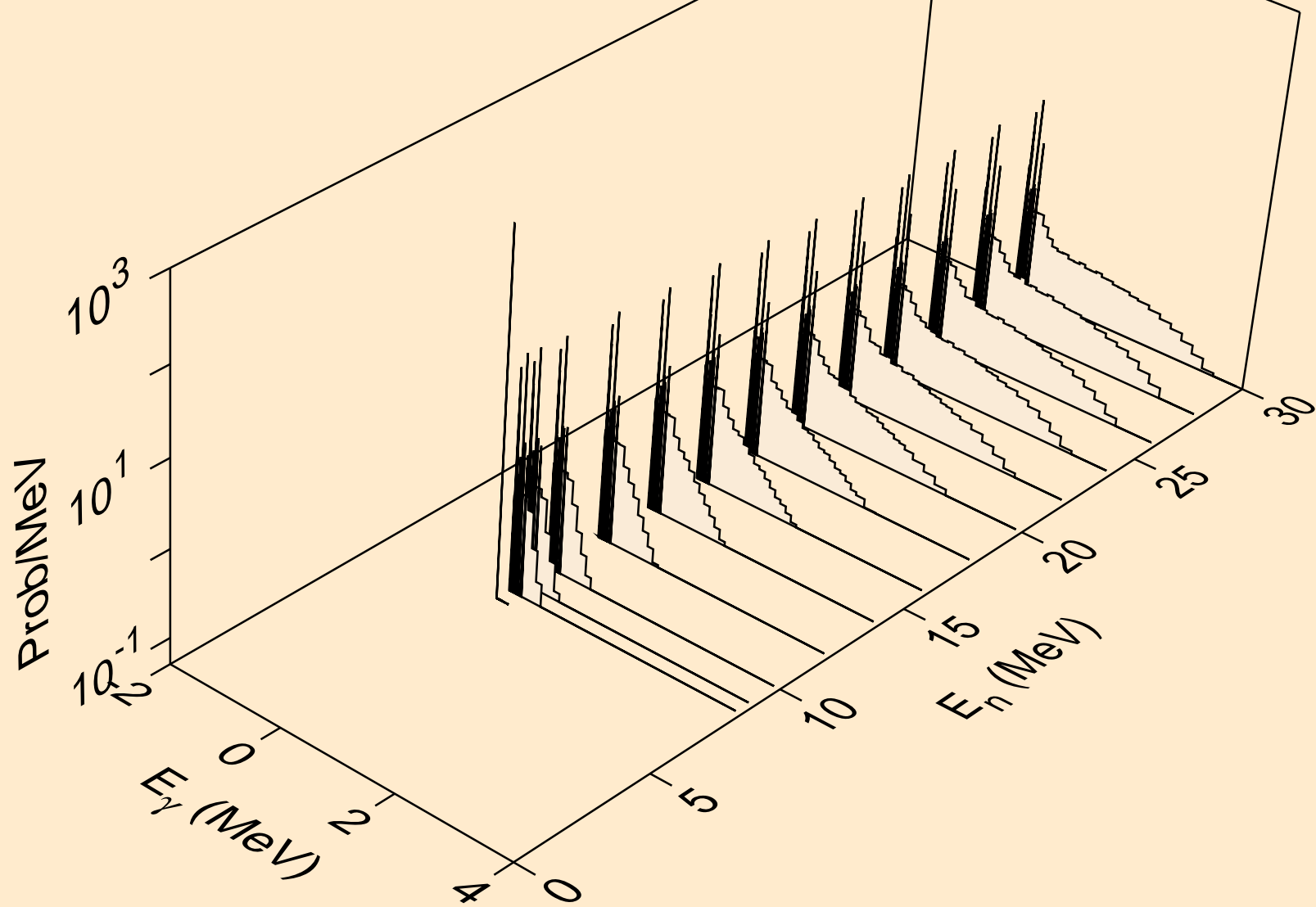
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



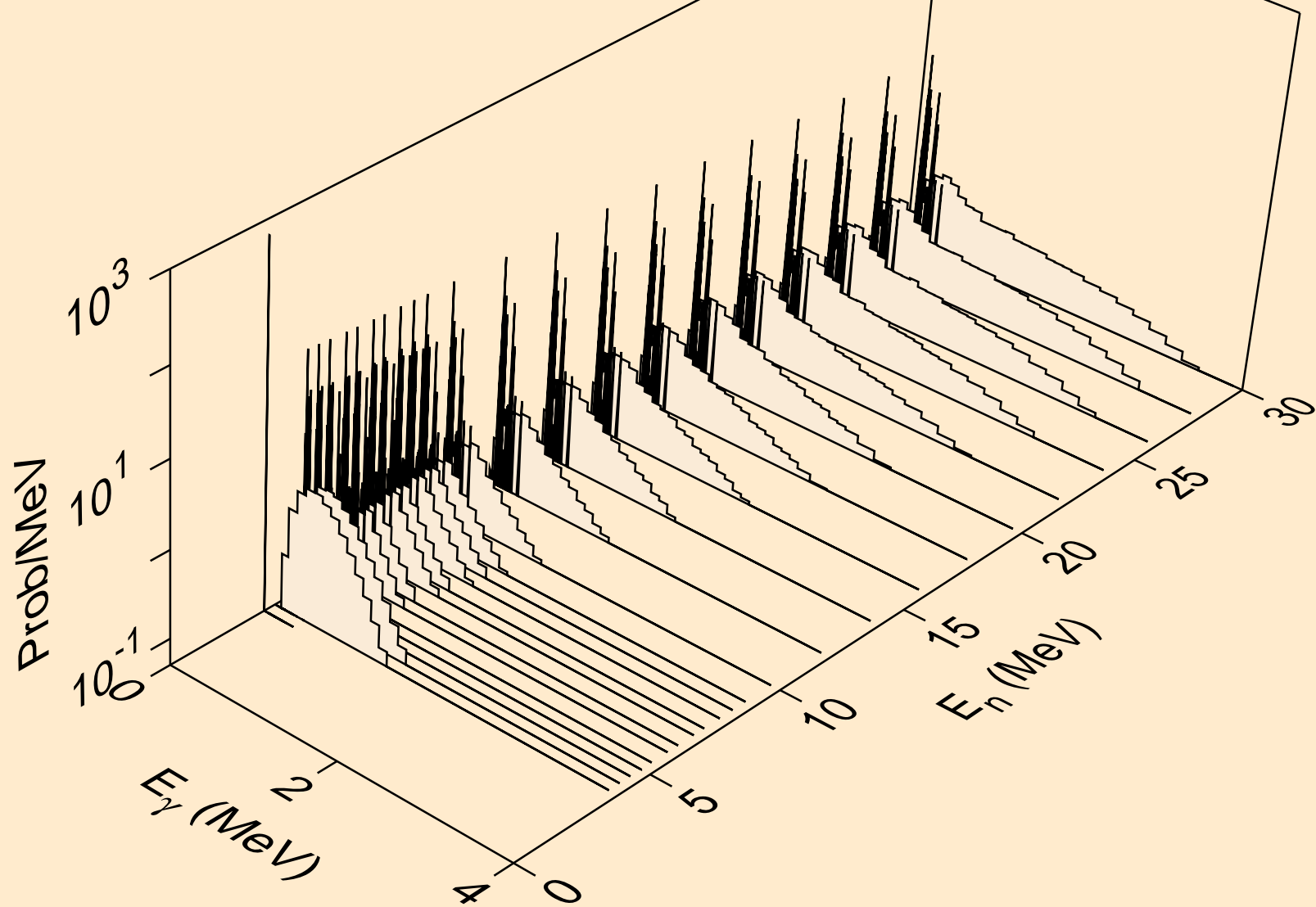
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



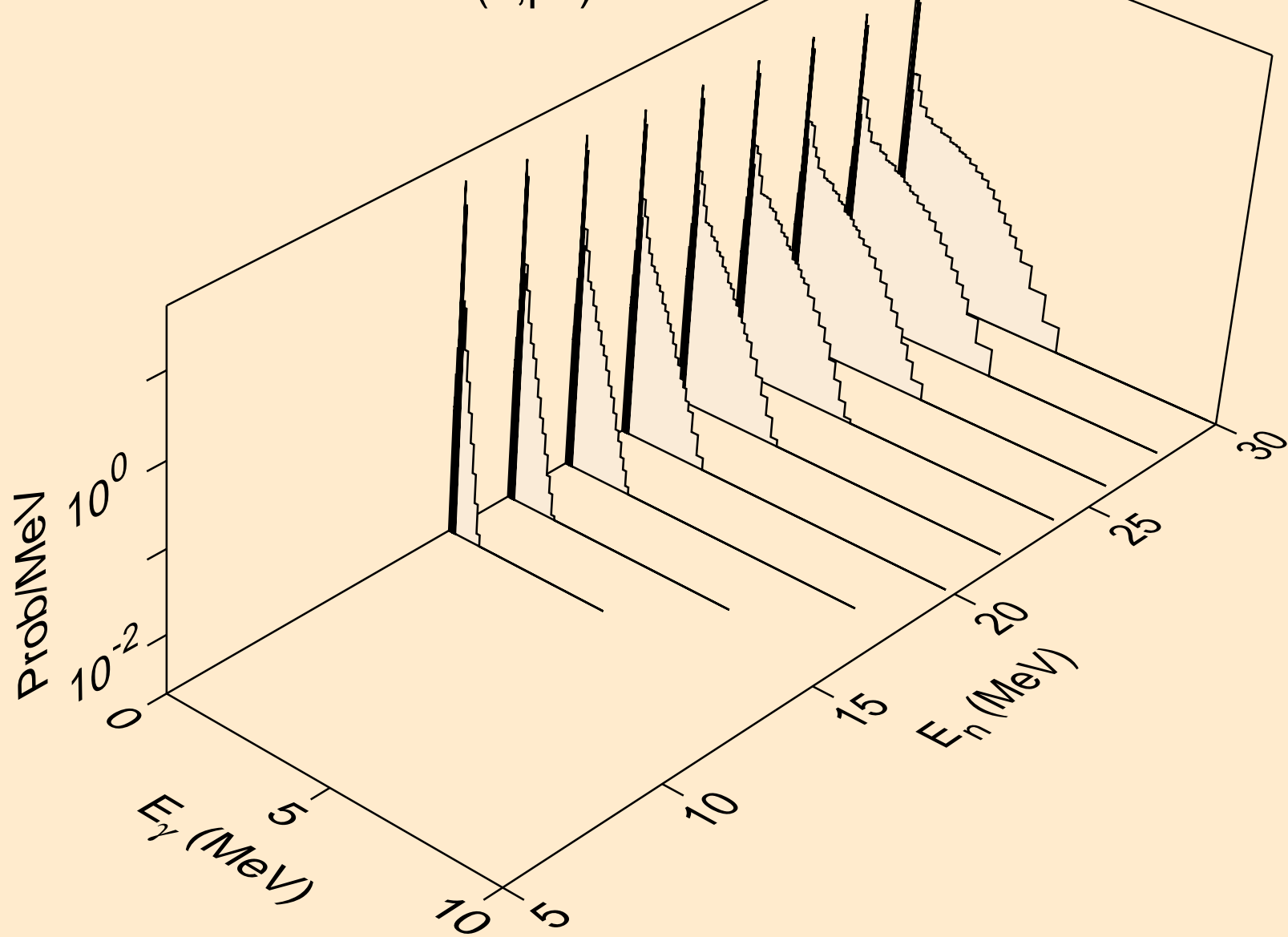
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Photon emission for (n,2p)



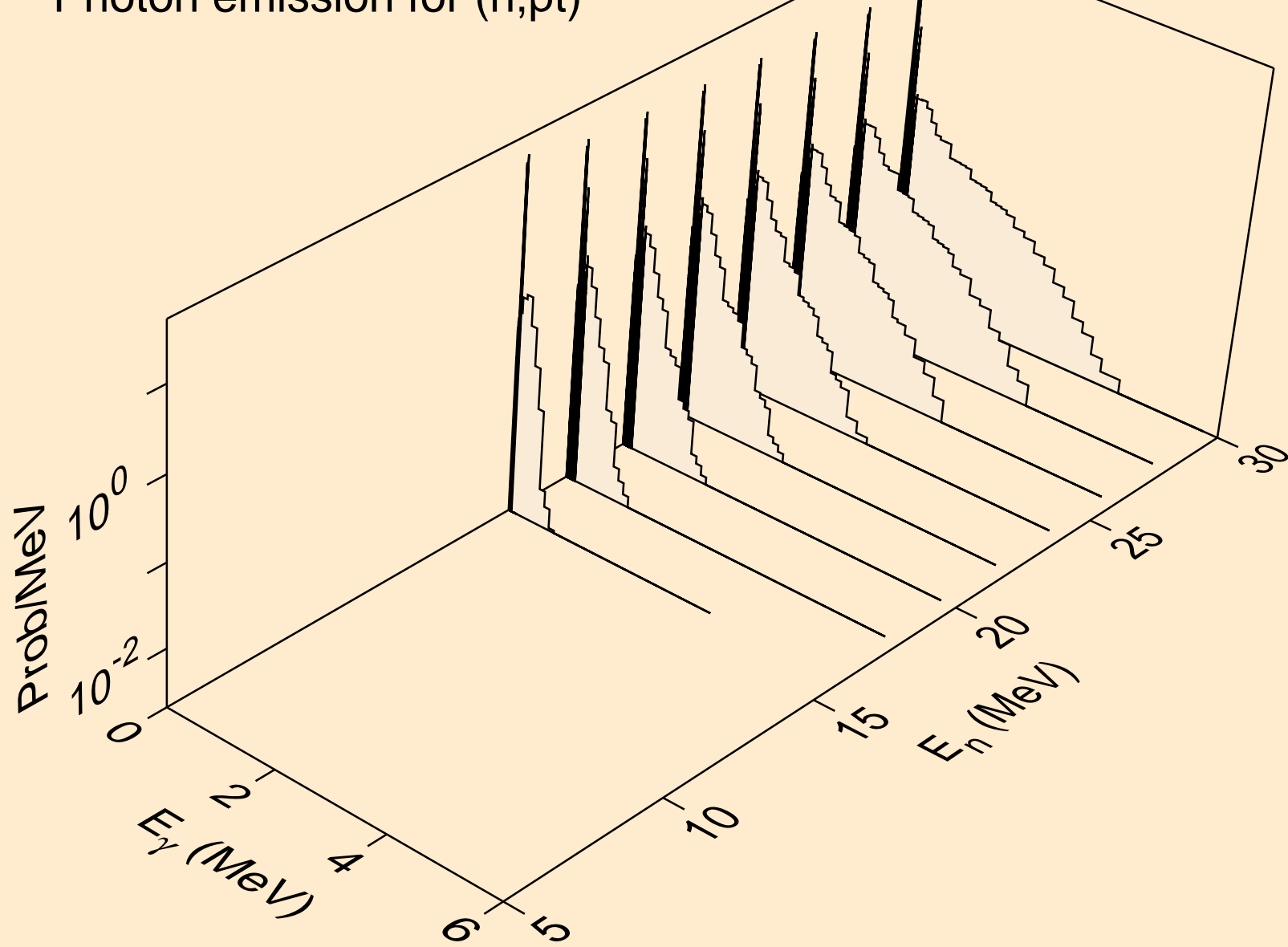
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



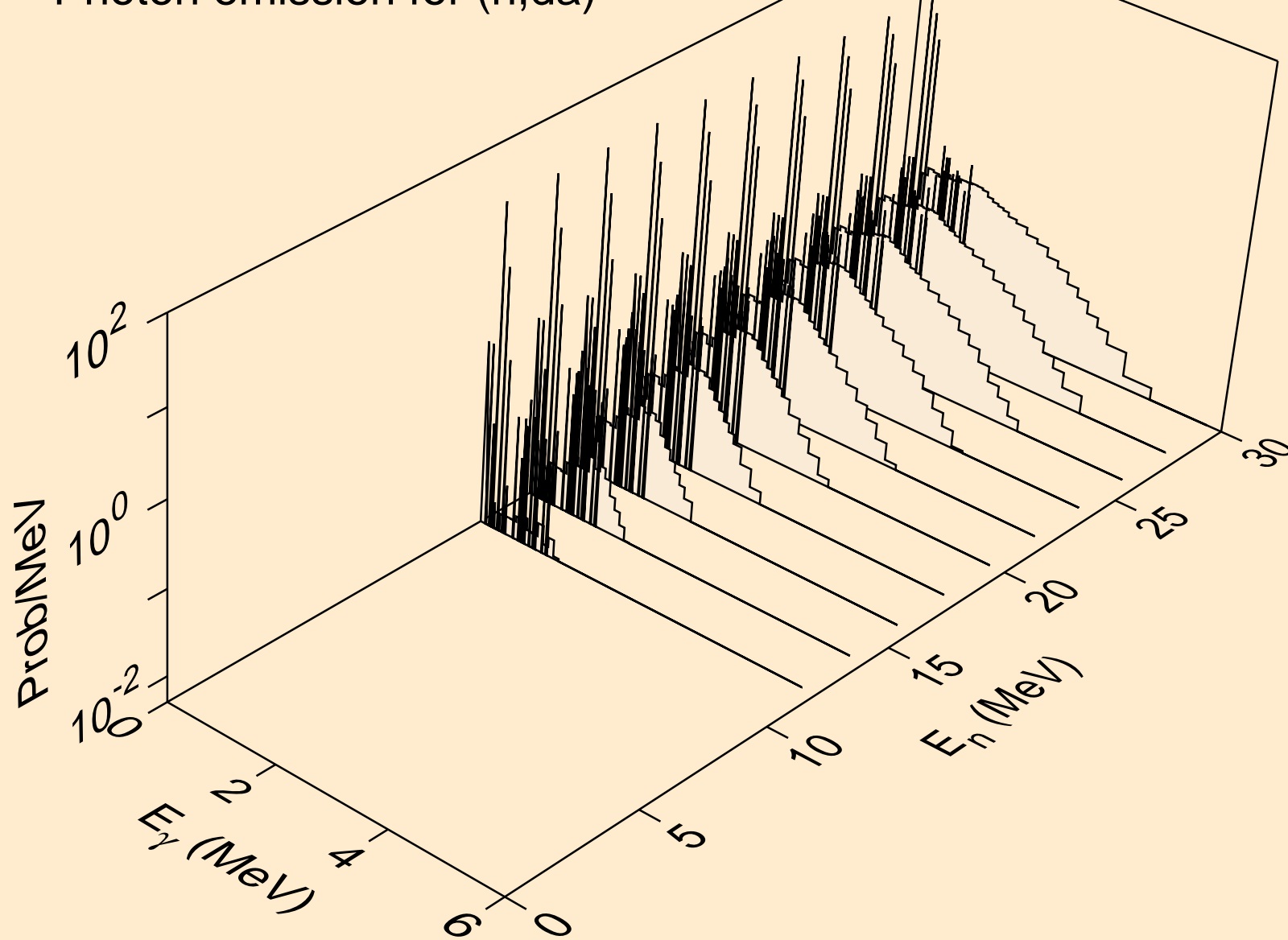
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



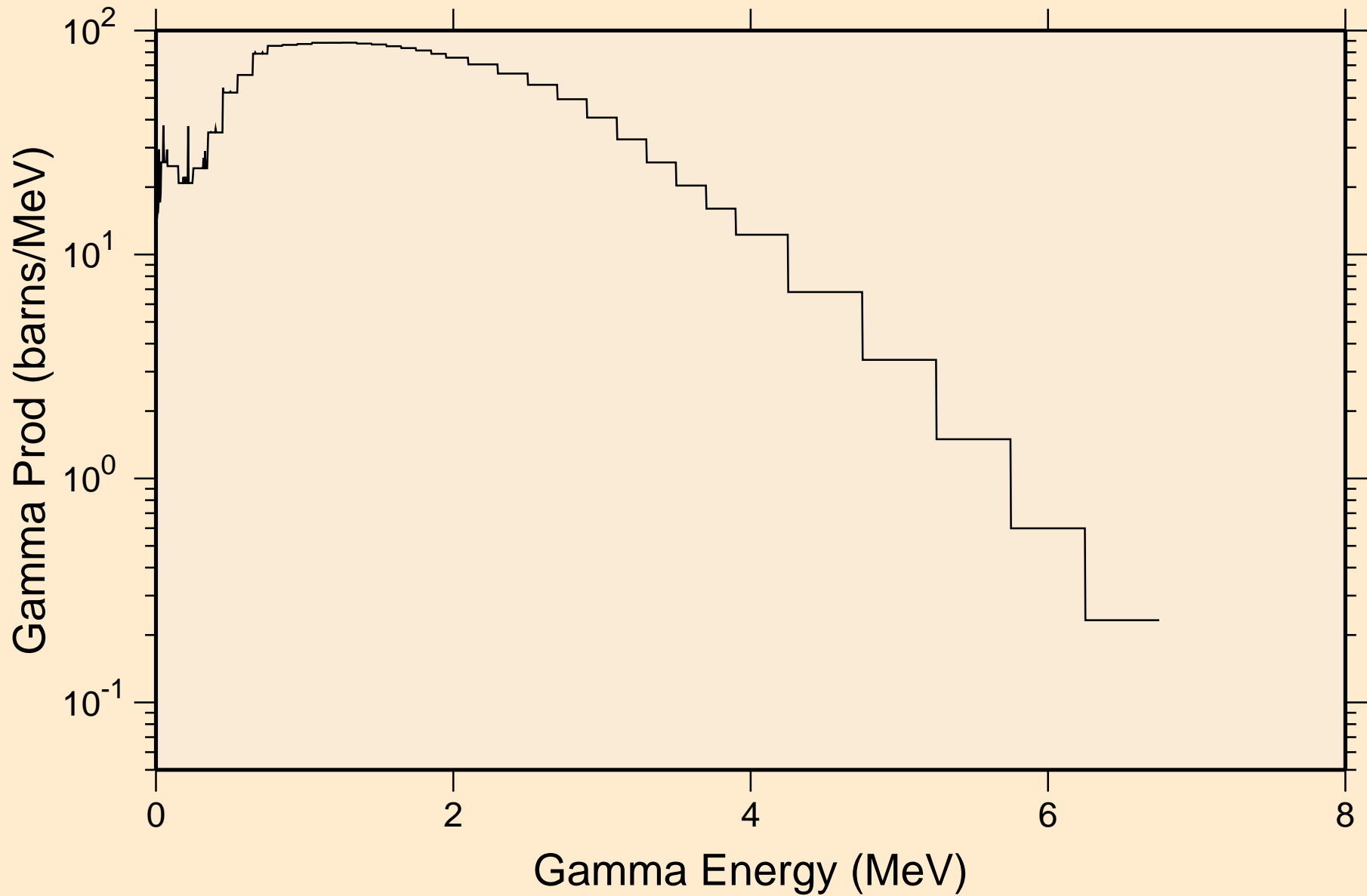
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

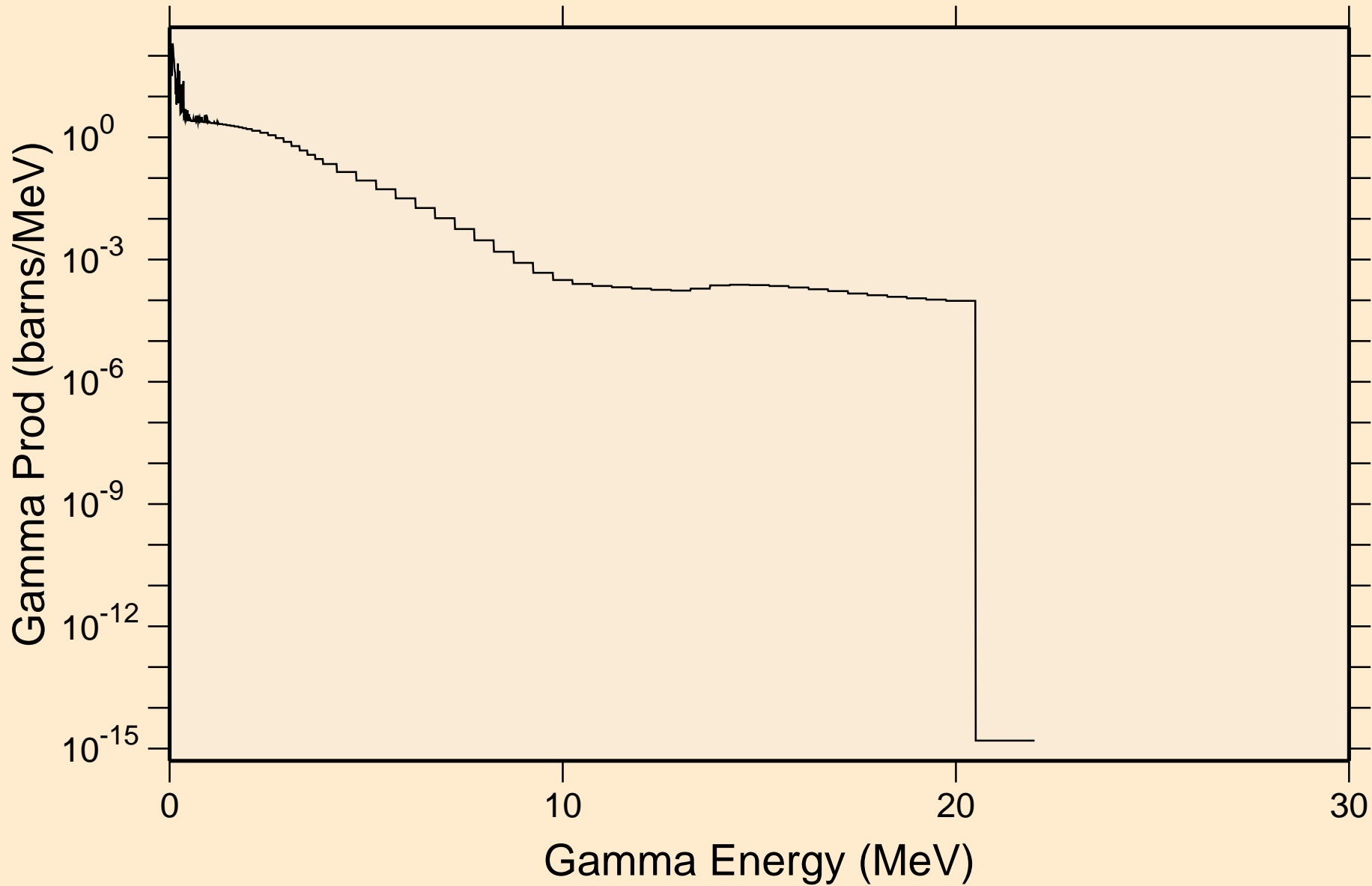


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



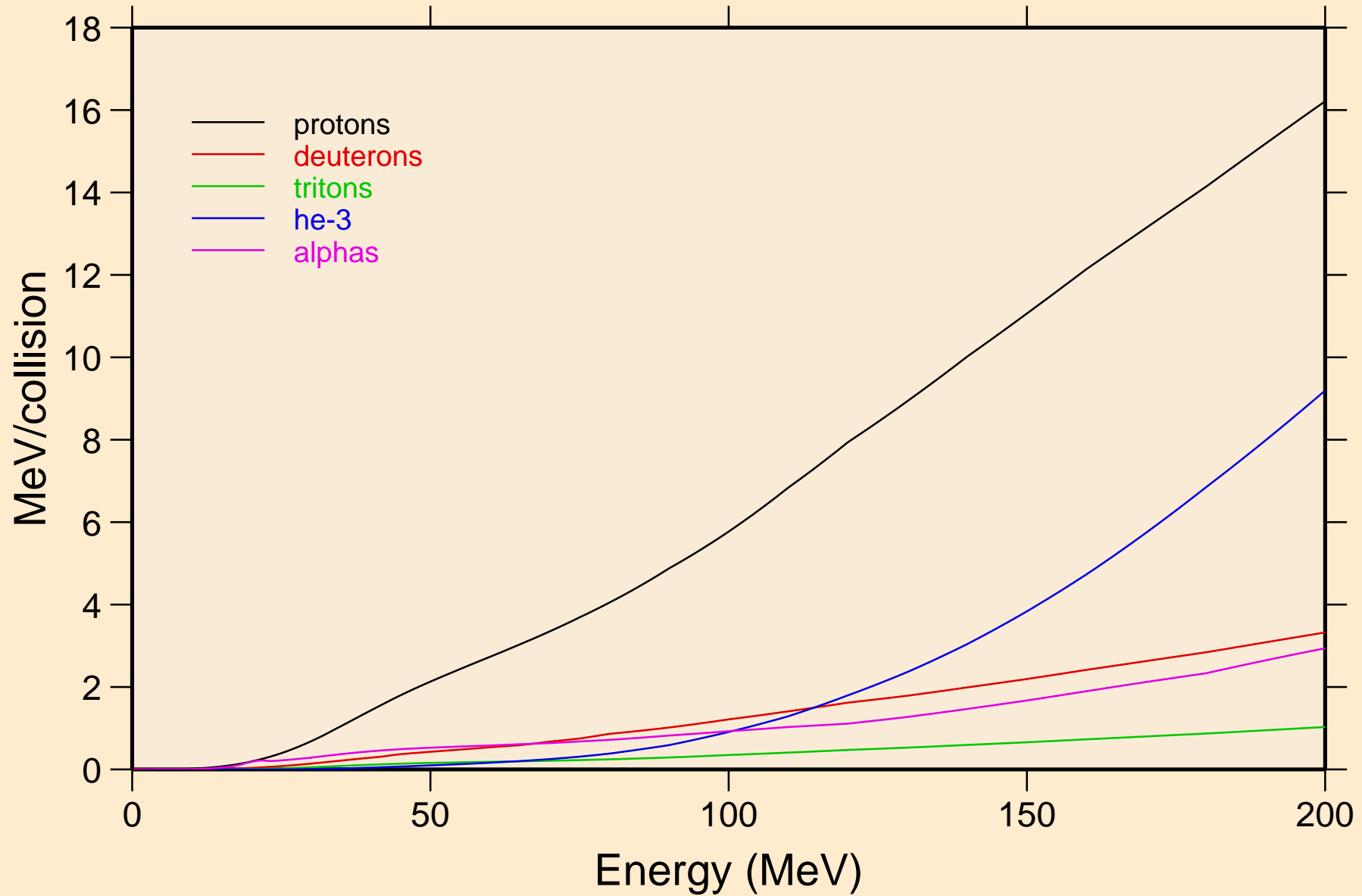


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

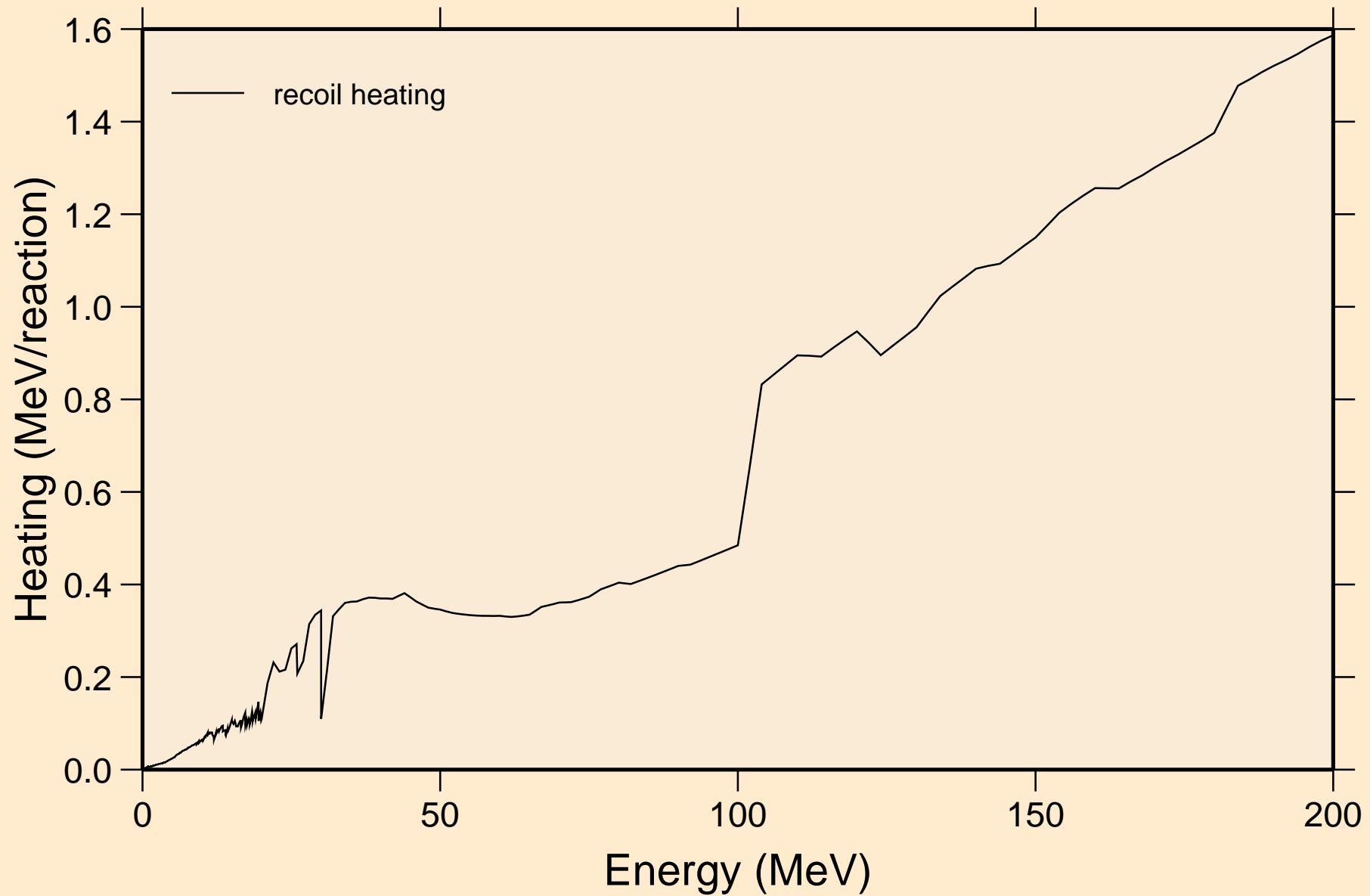


# RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

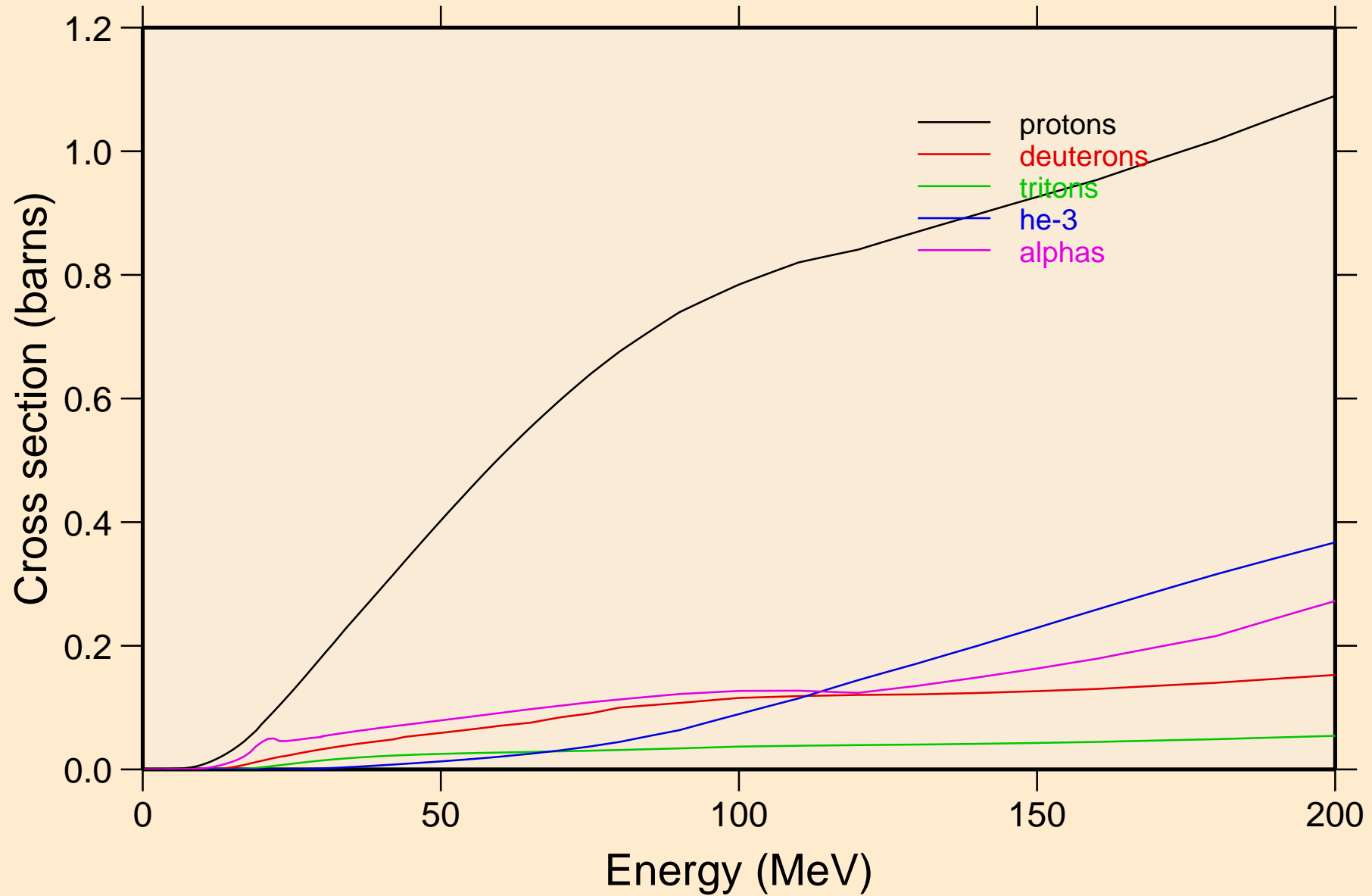
## Particle heating contributions



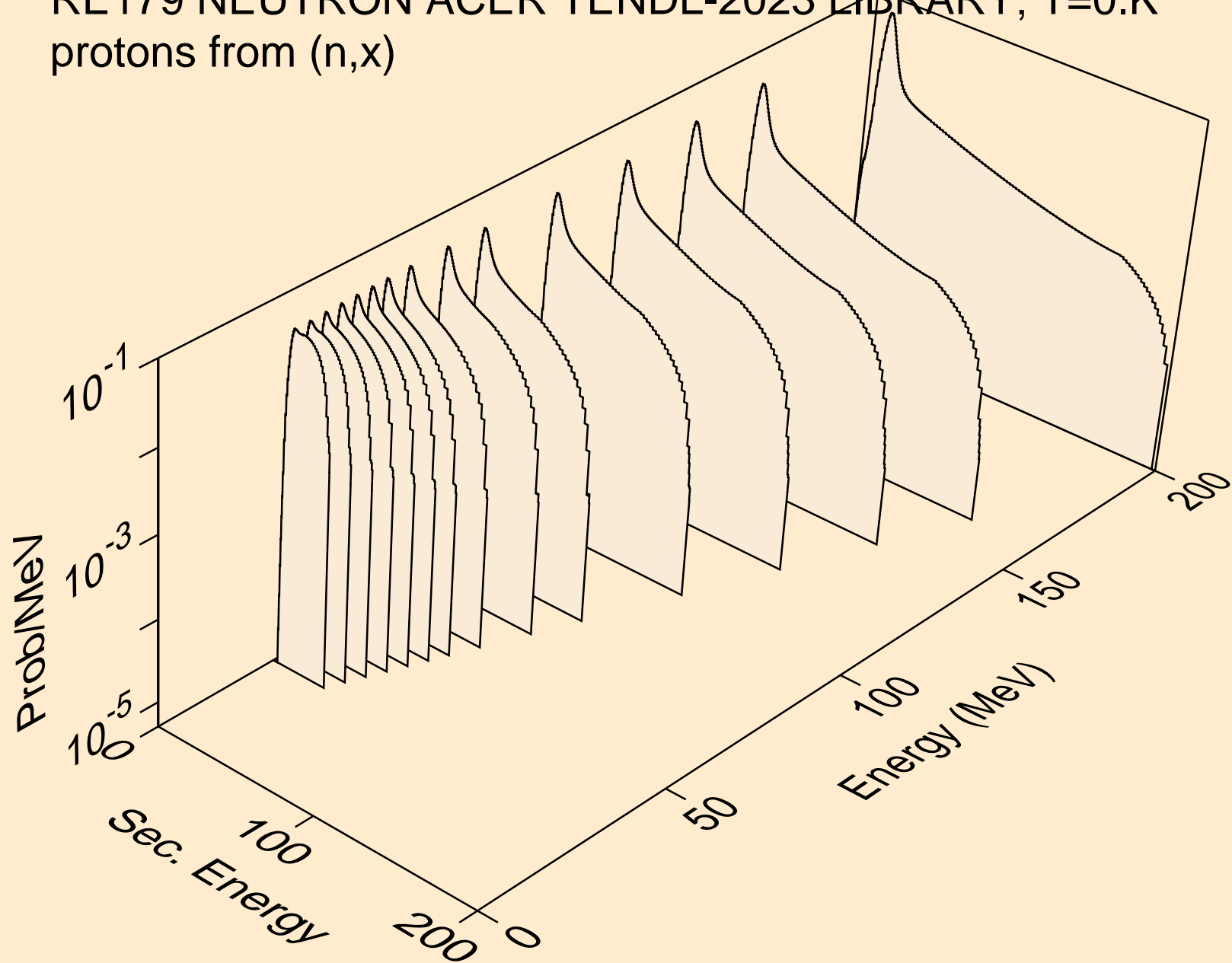
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



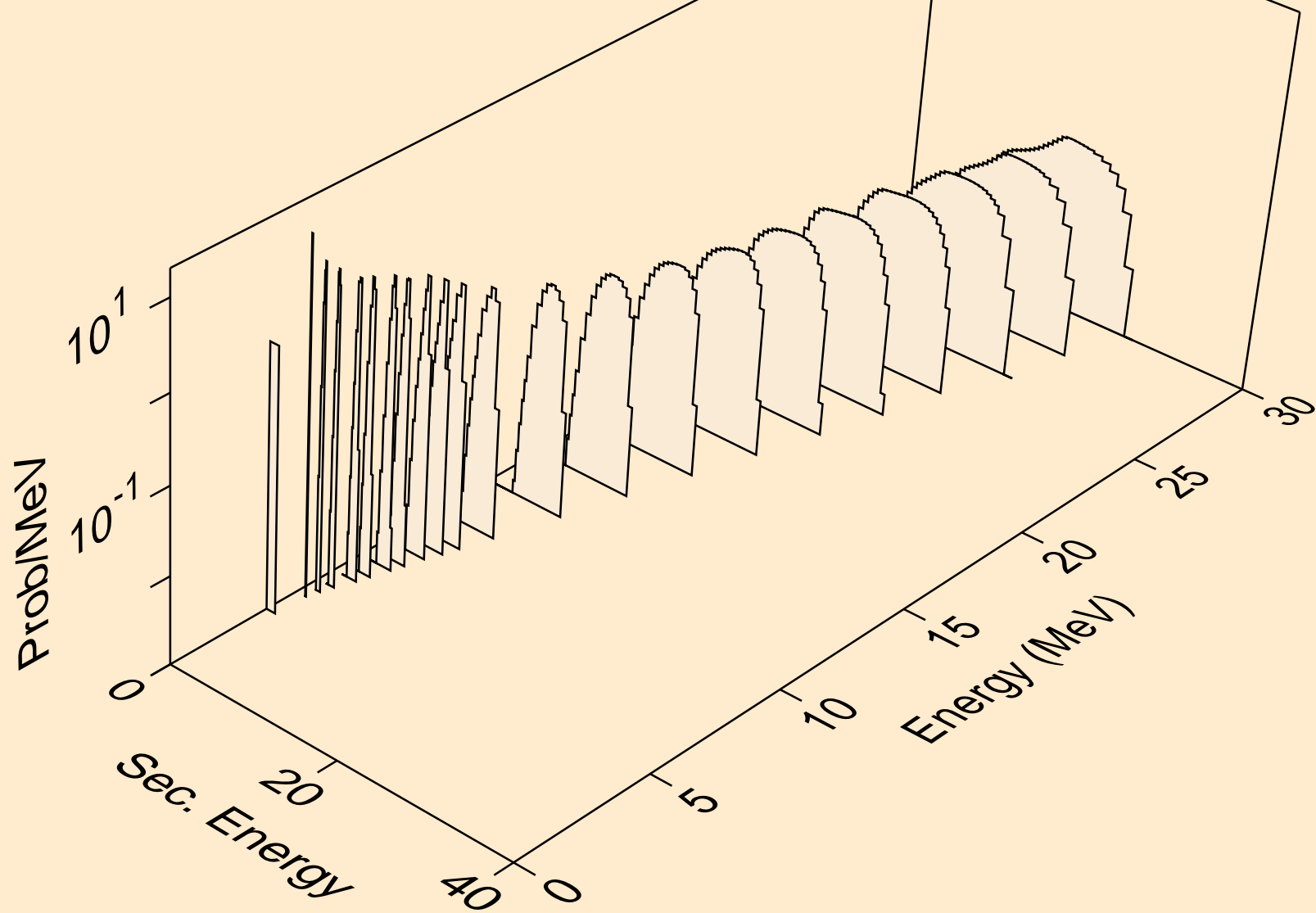
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



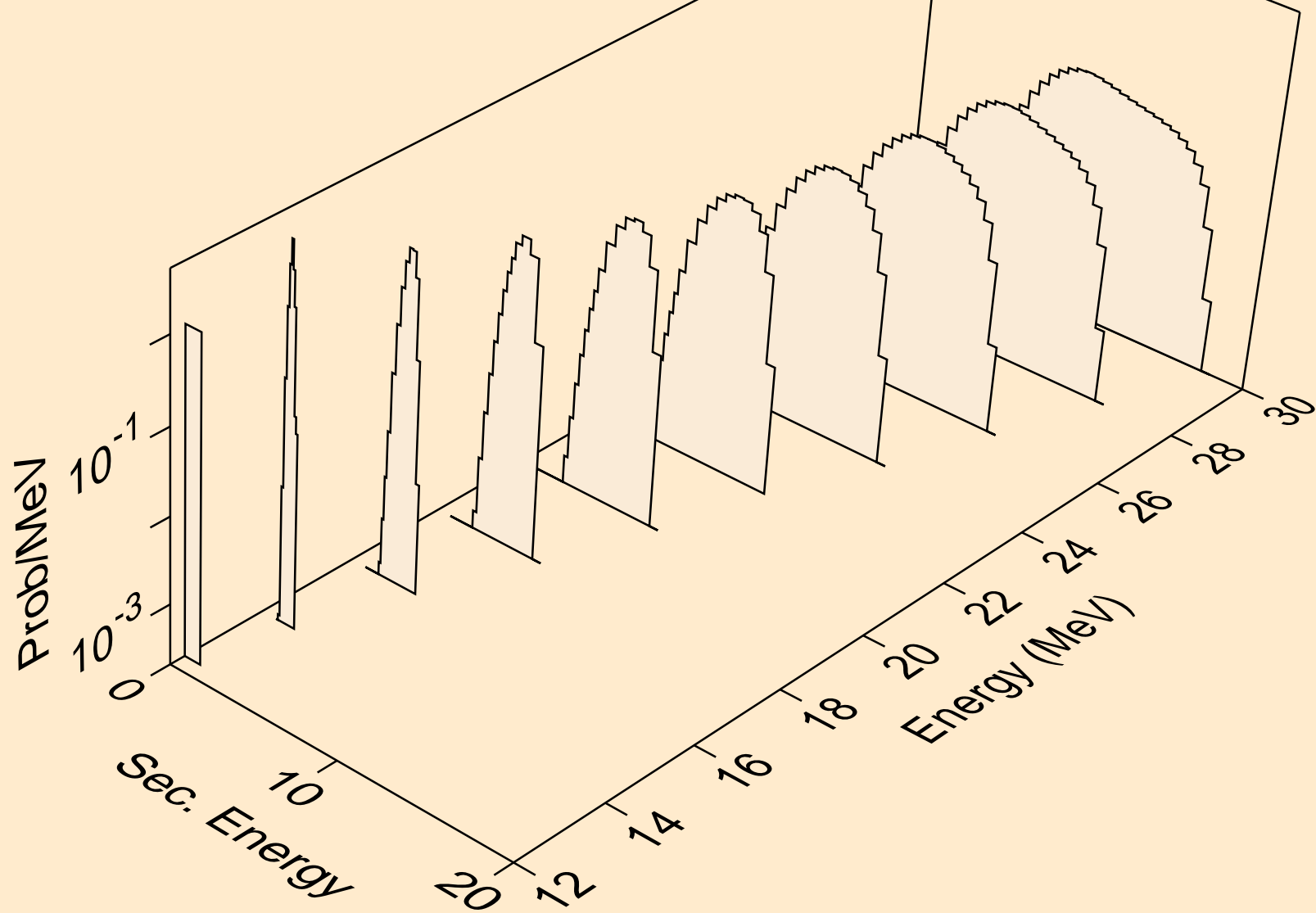
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



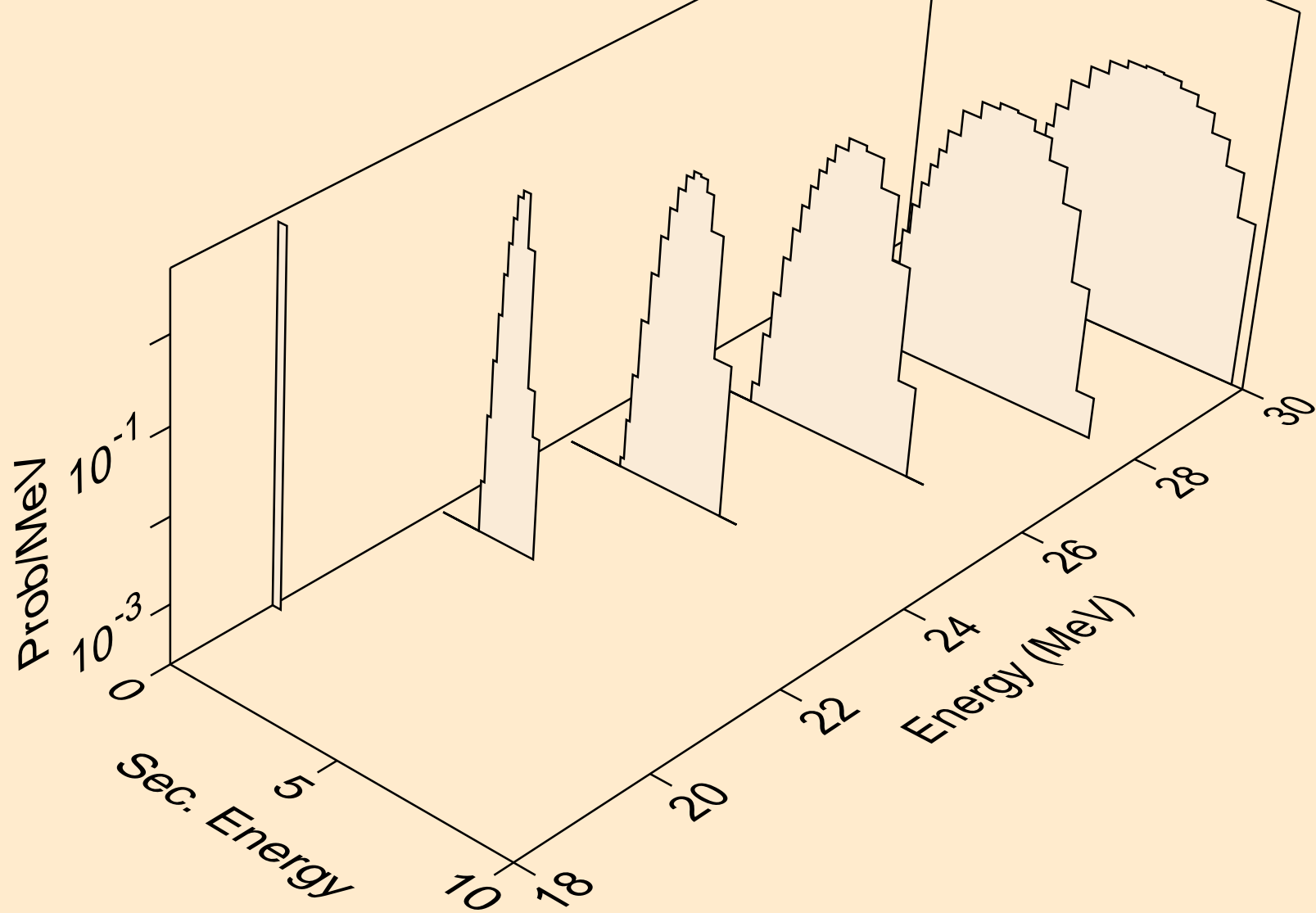
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

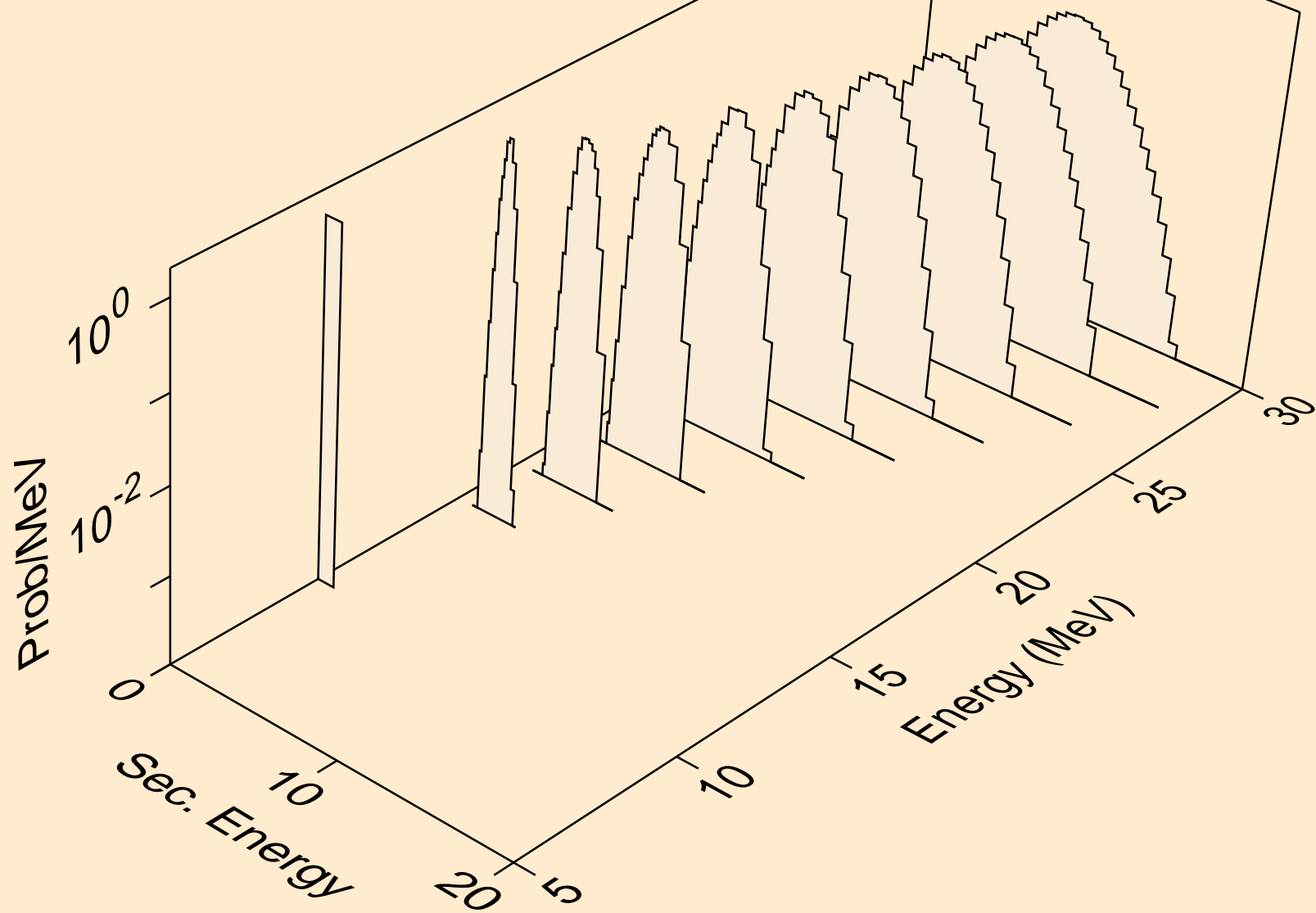


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

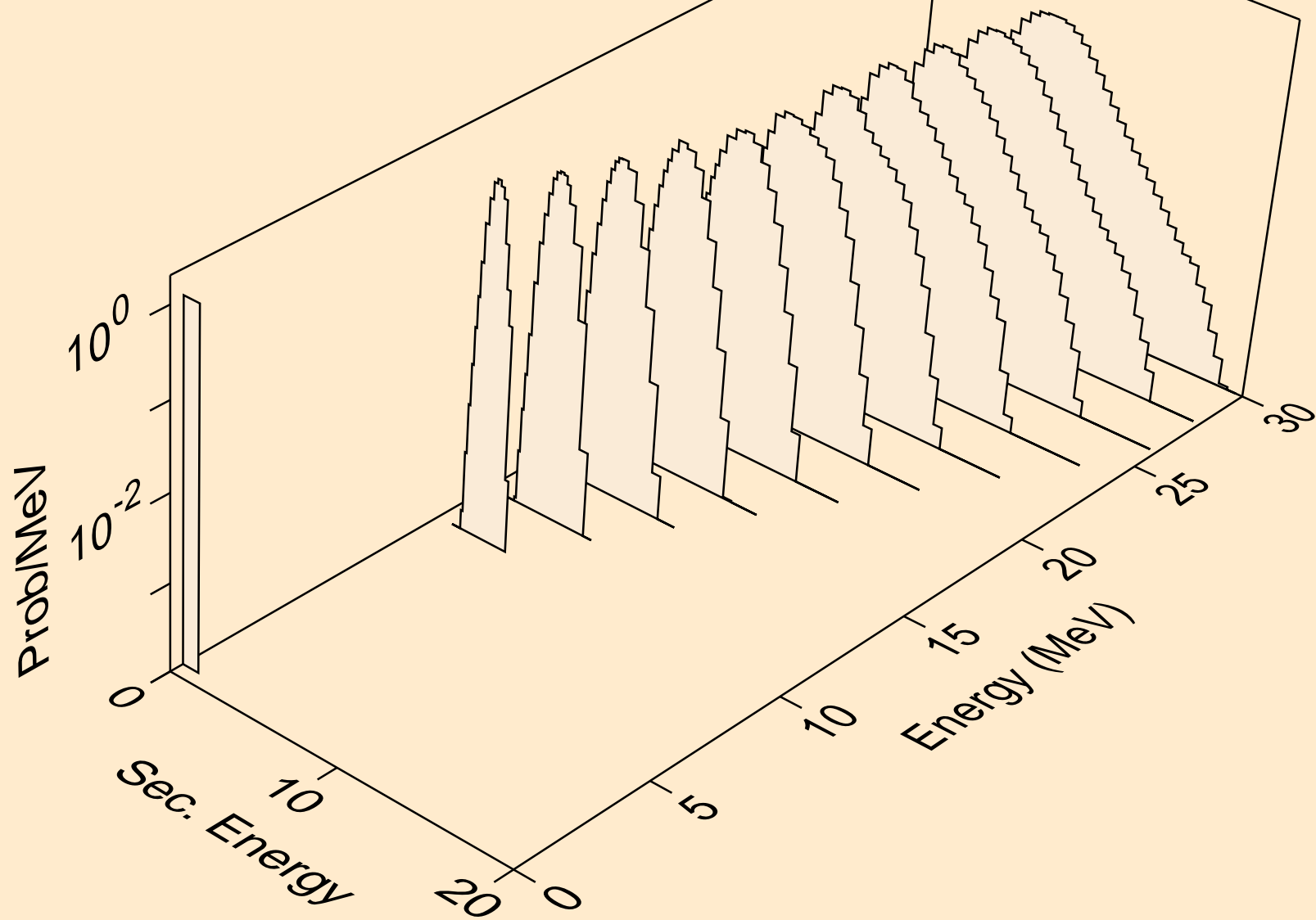




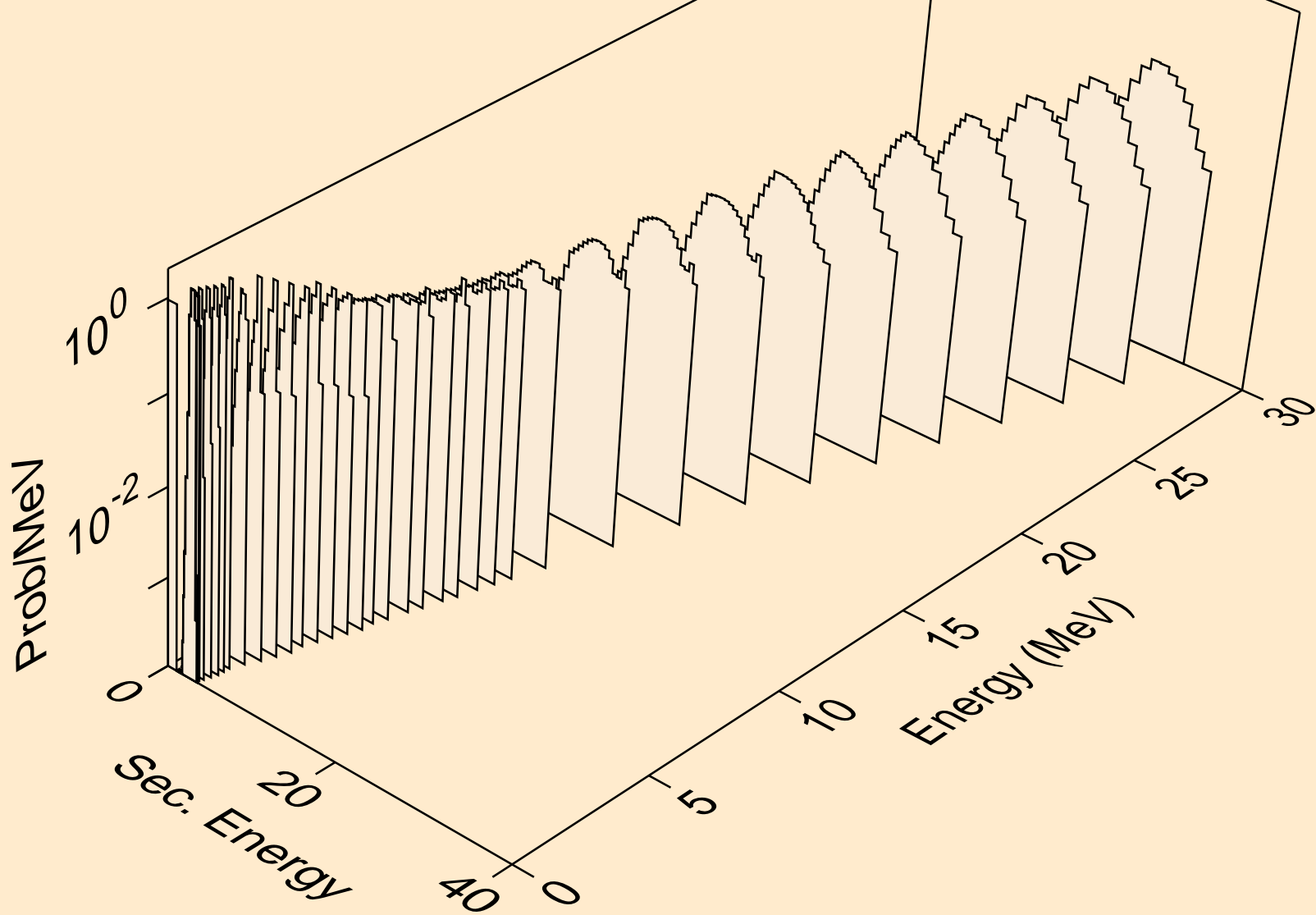
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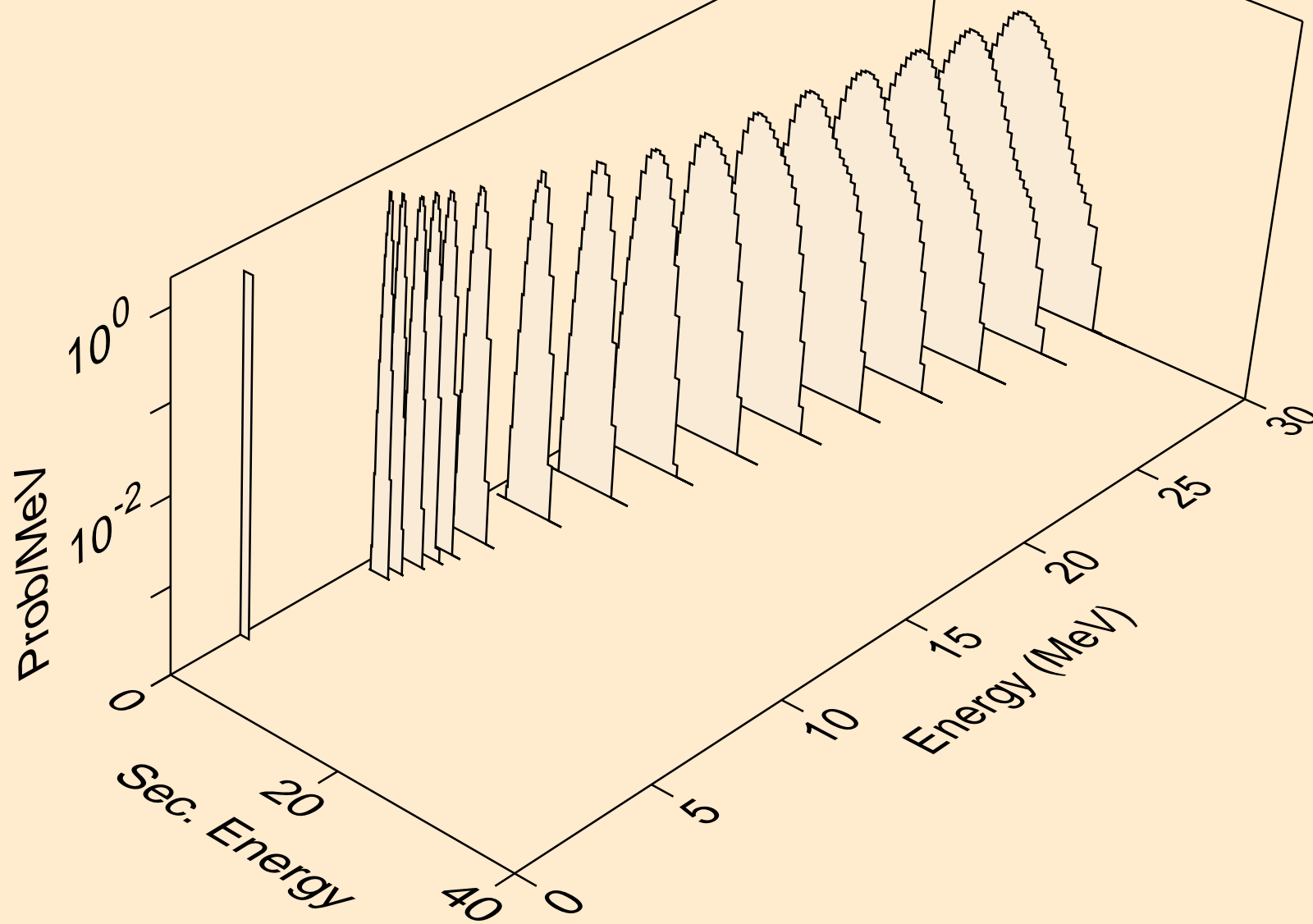
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protons from (n,npa)



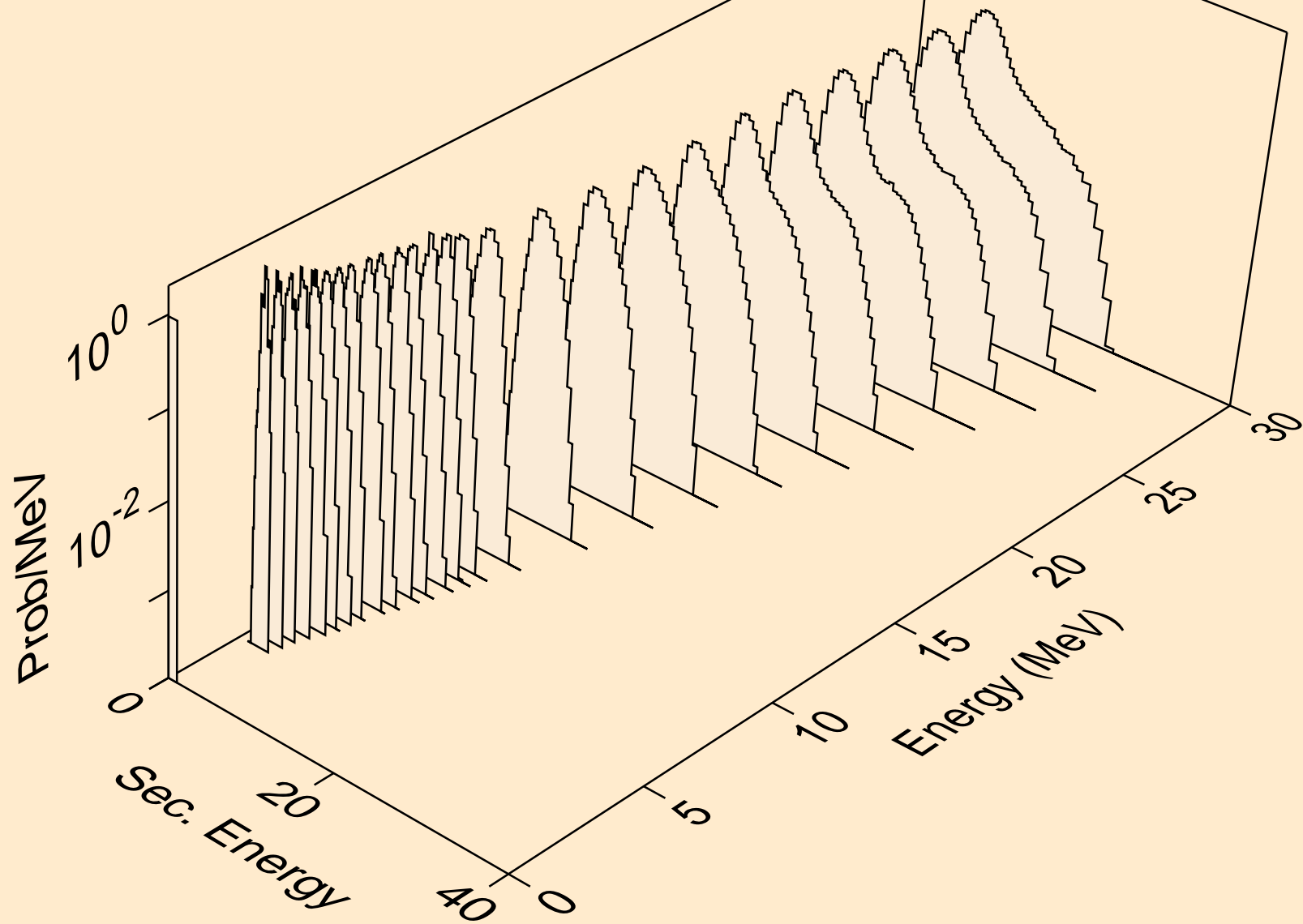
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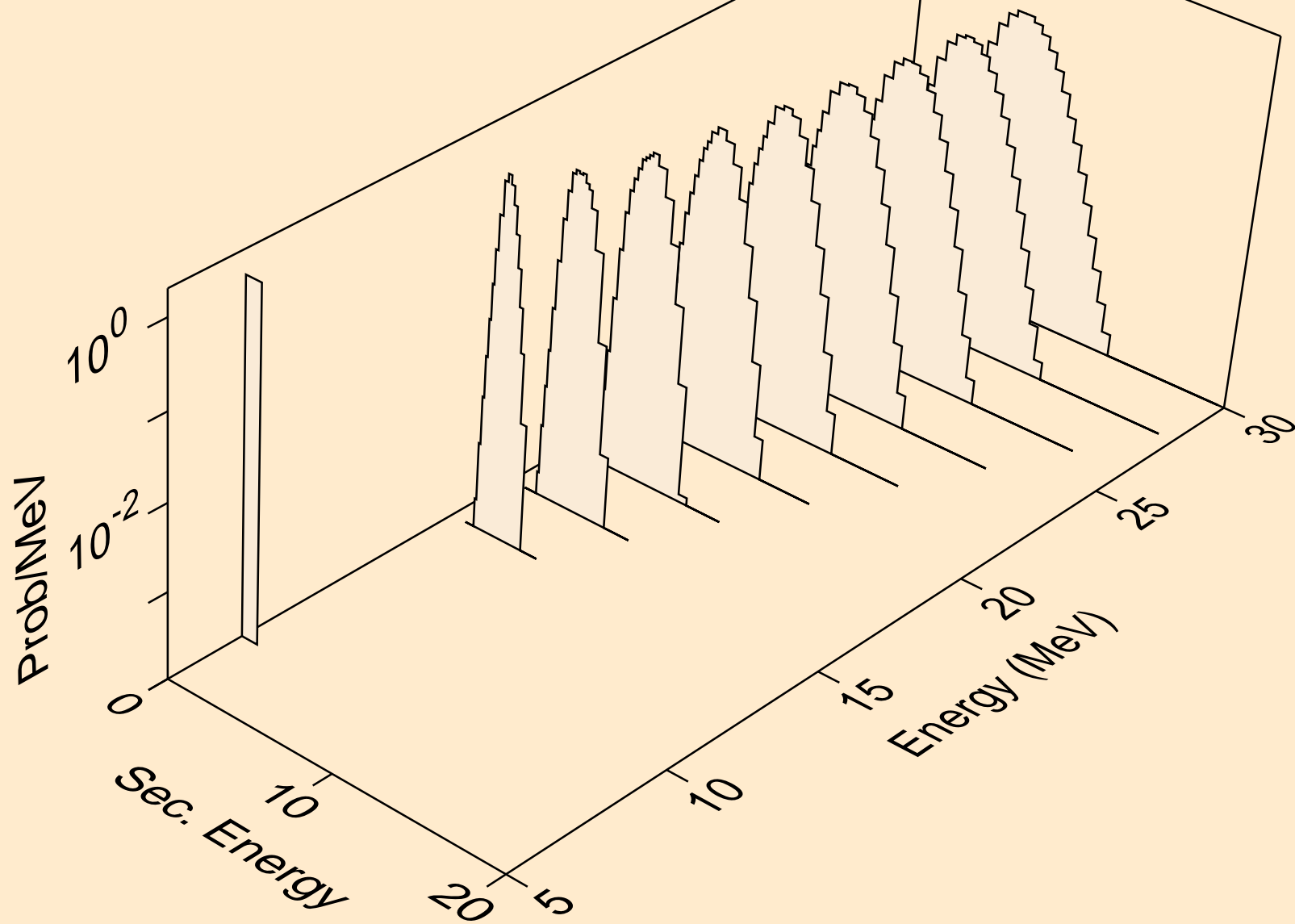
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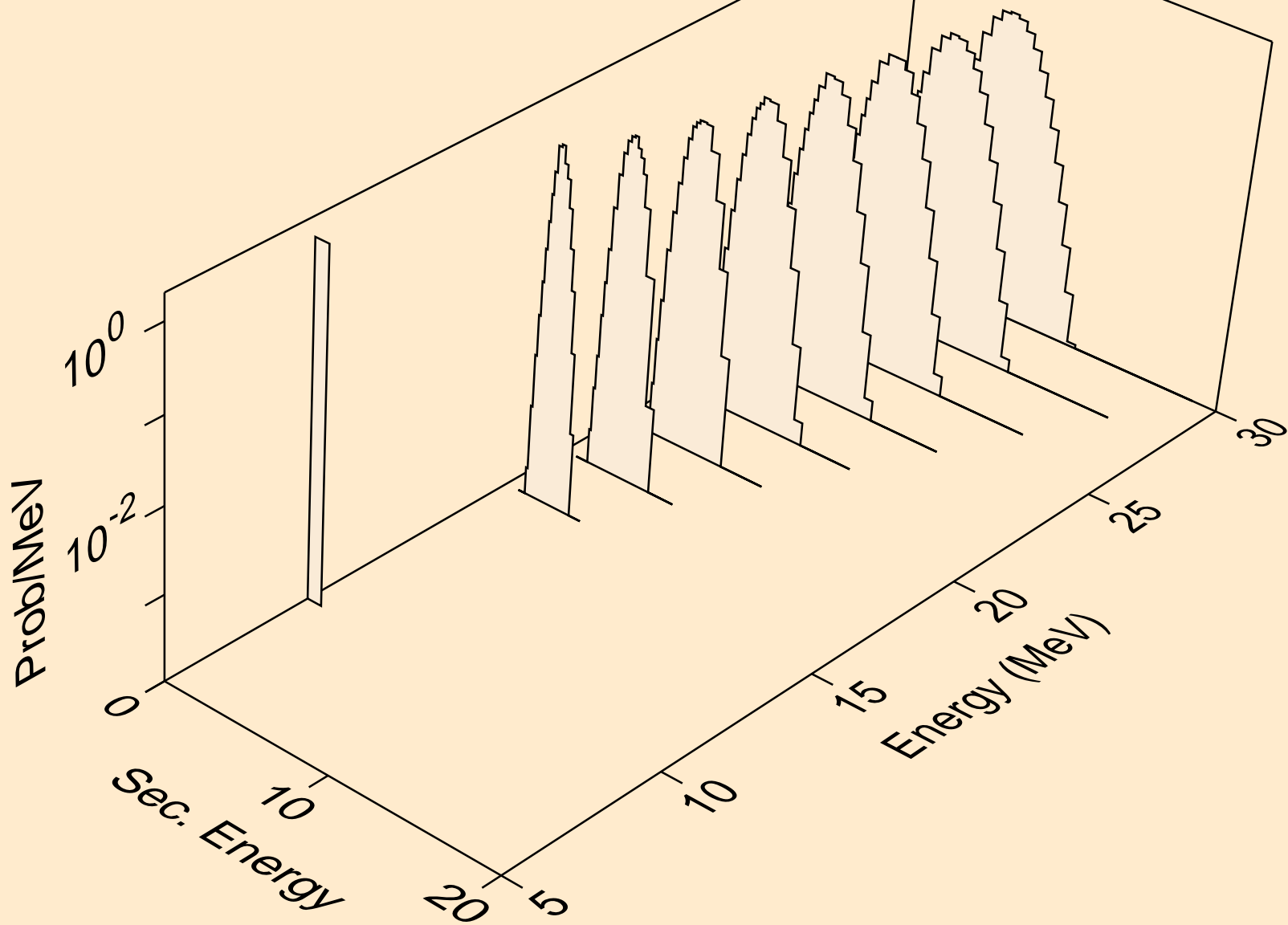
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protons from (n,p)



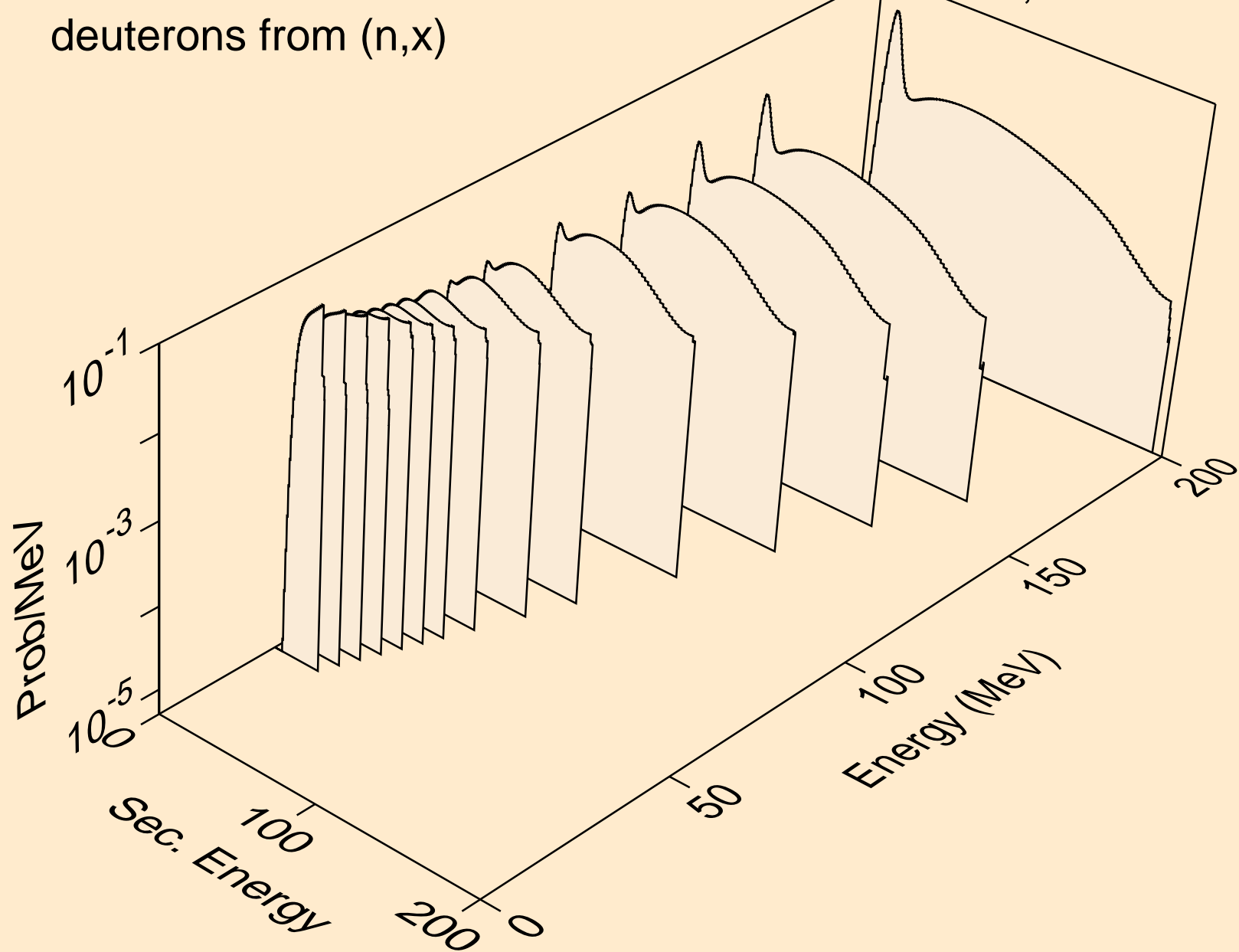
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)

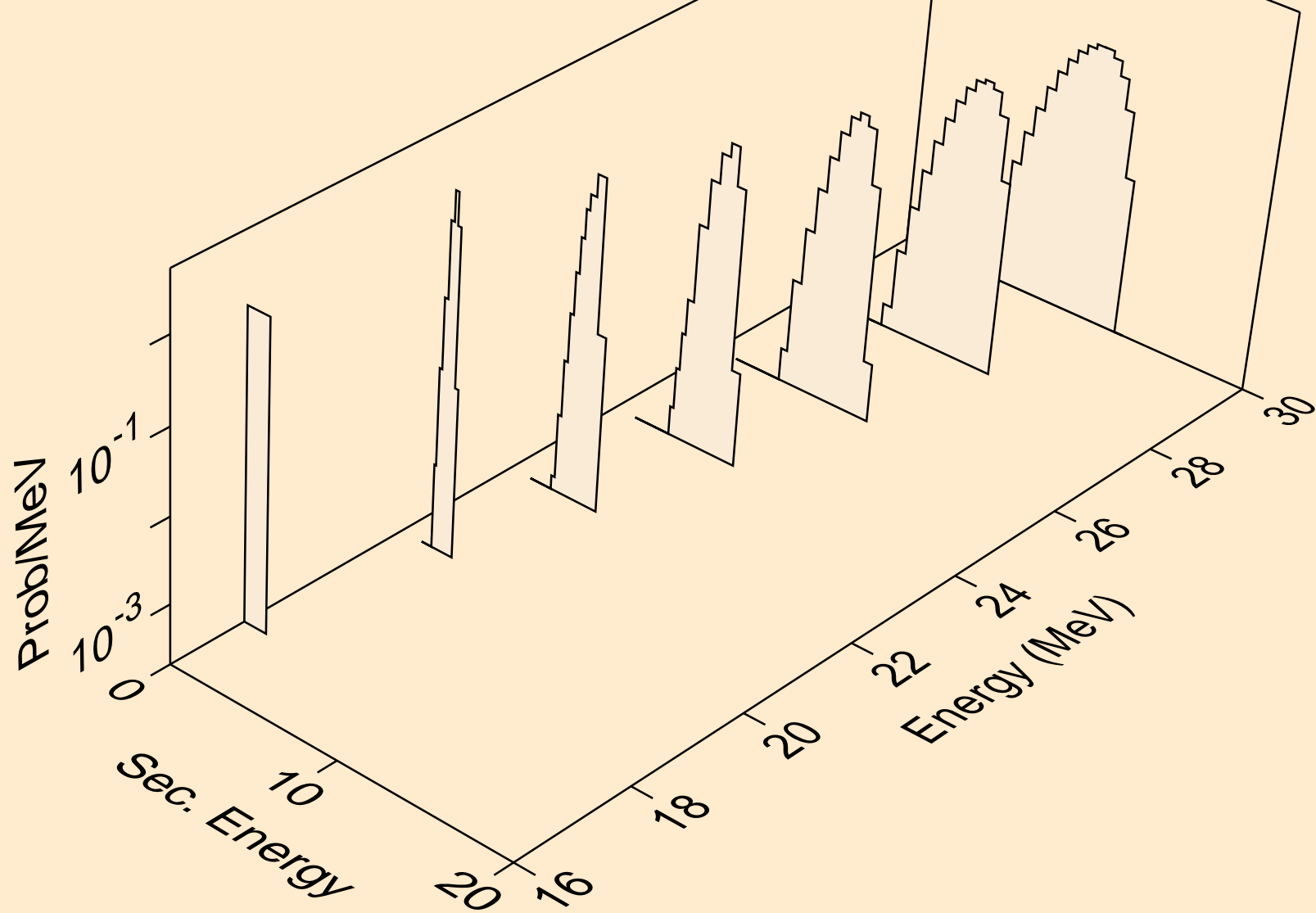


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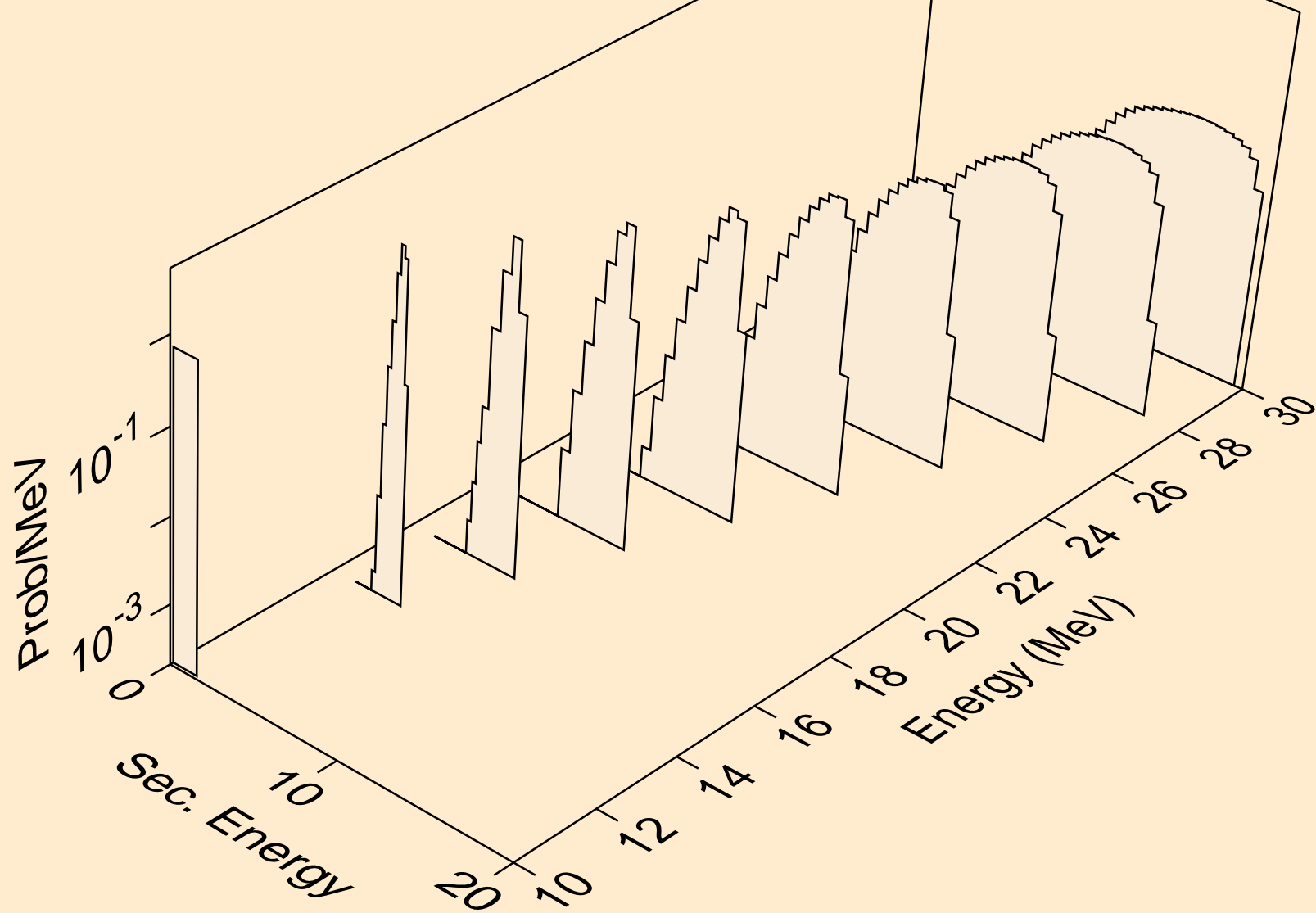




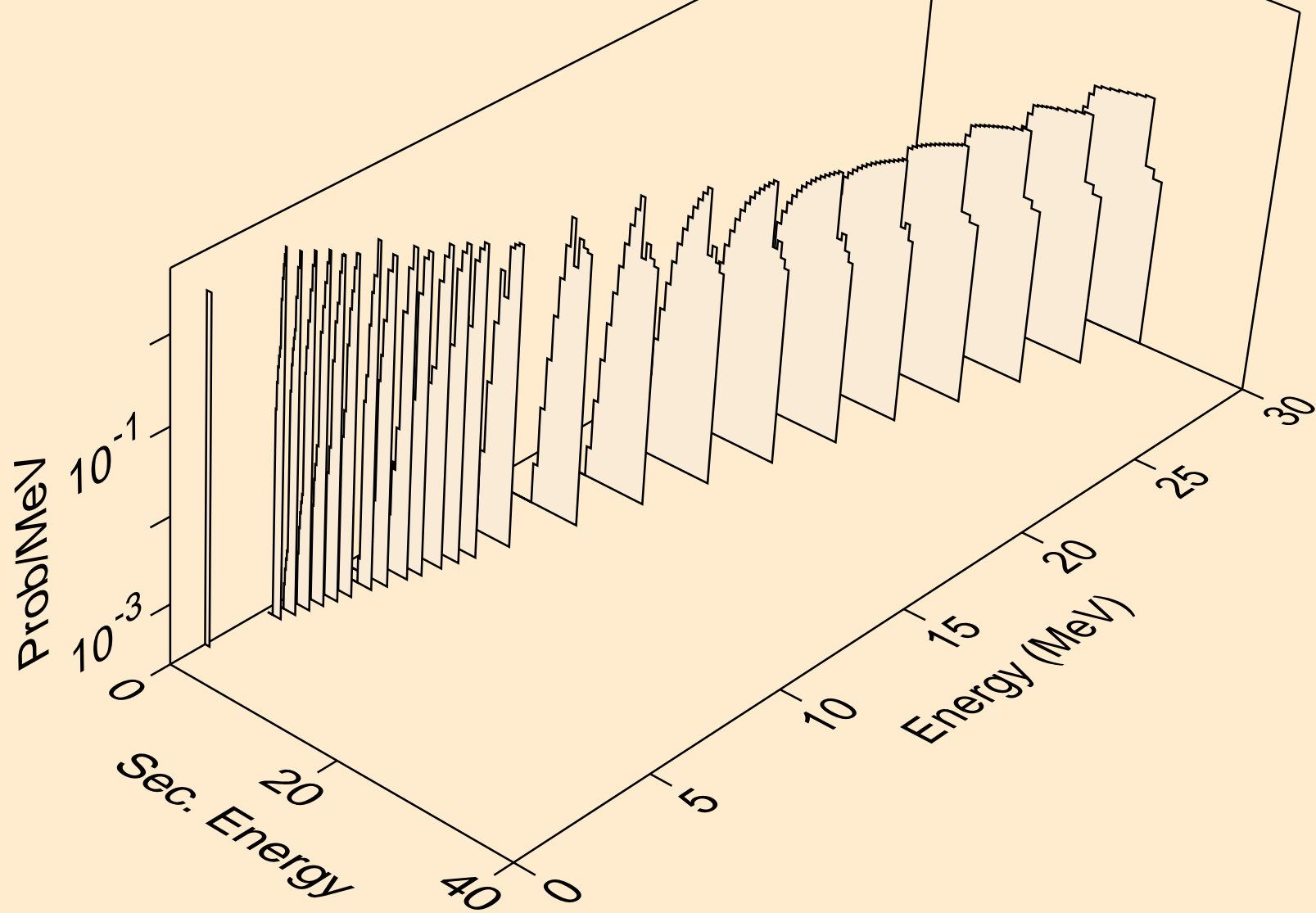
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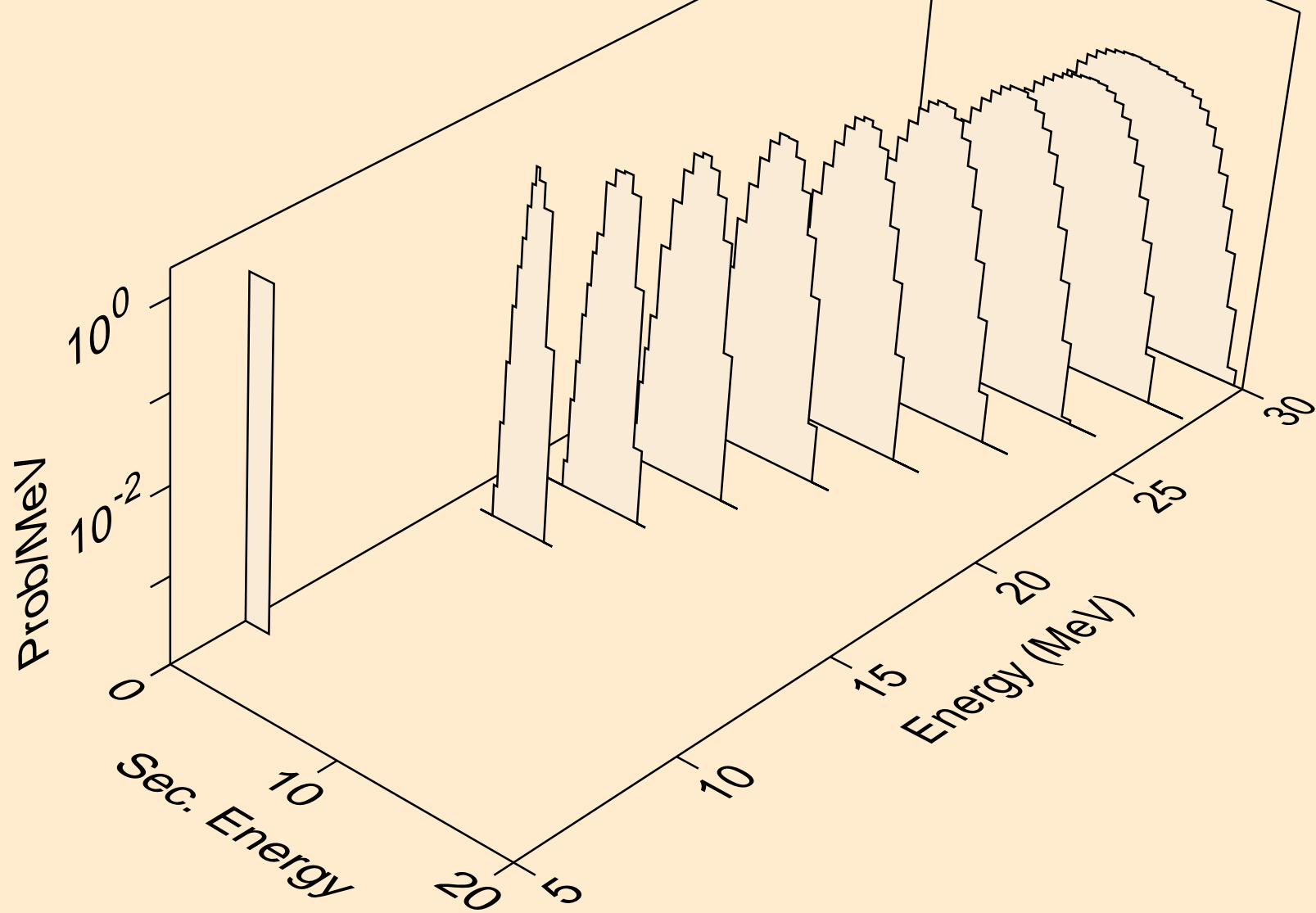
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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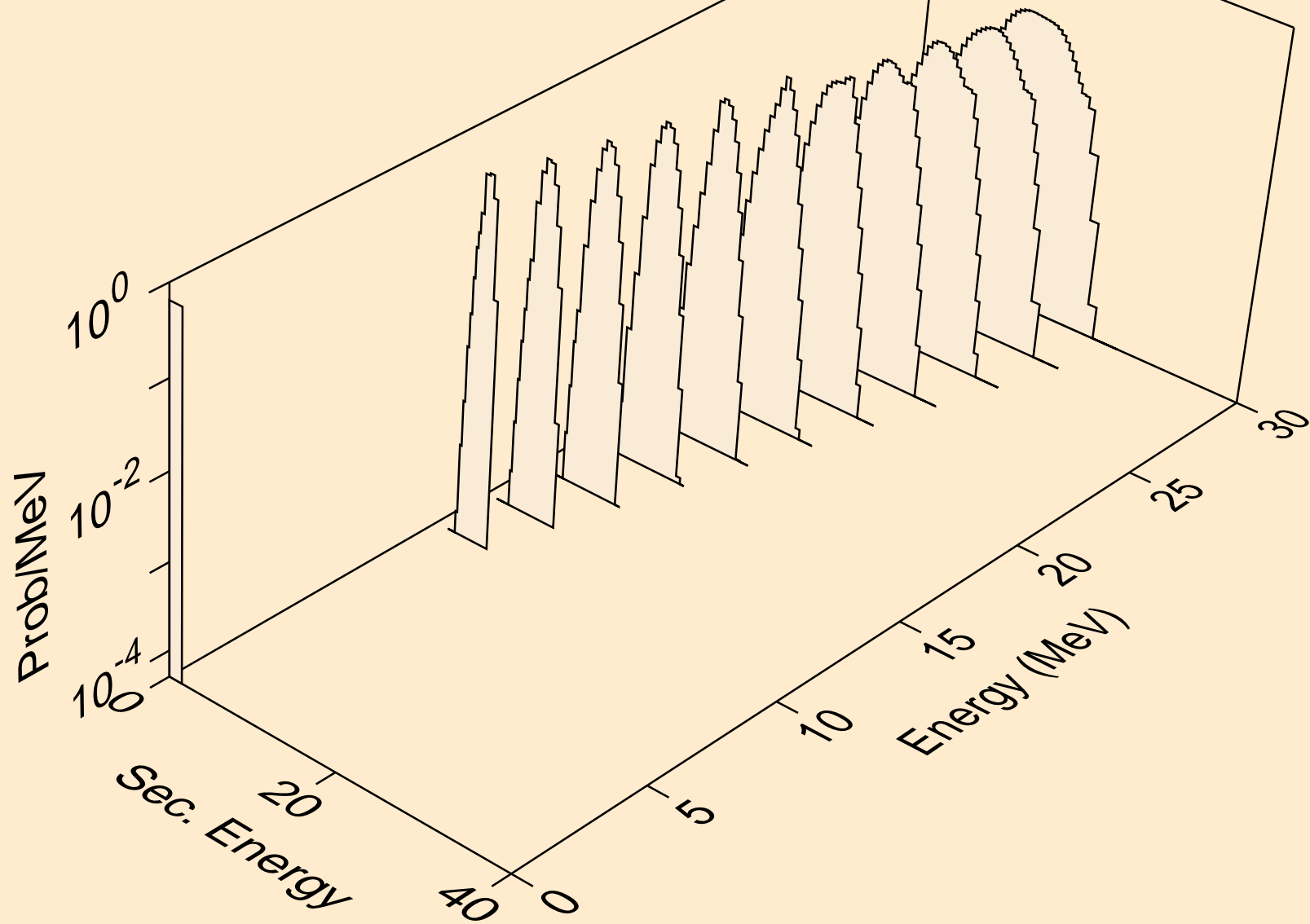
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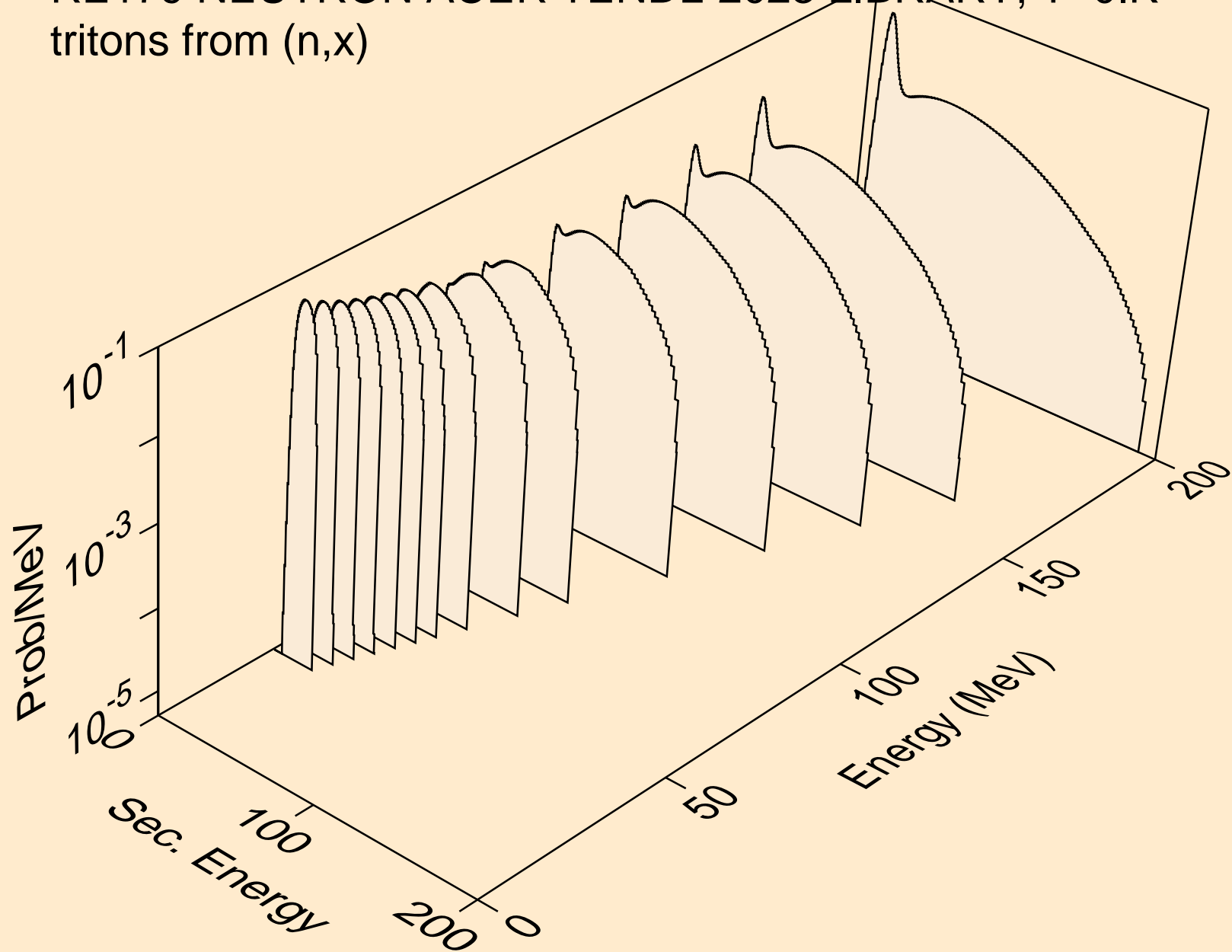
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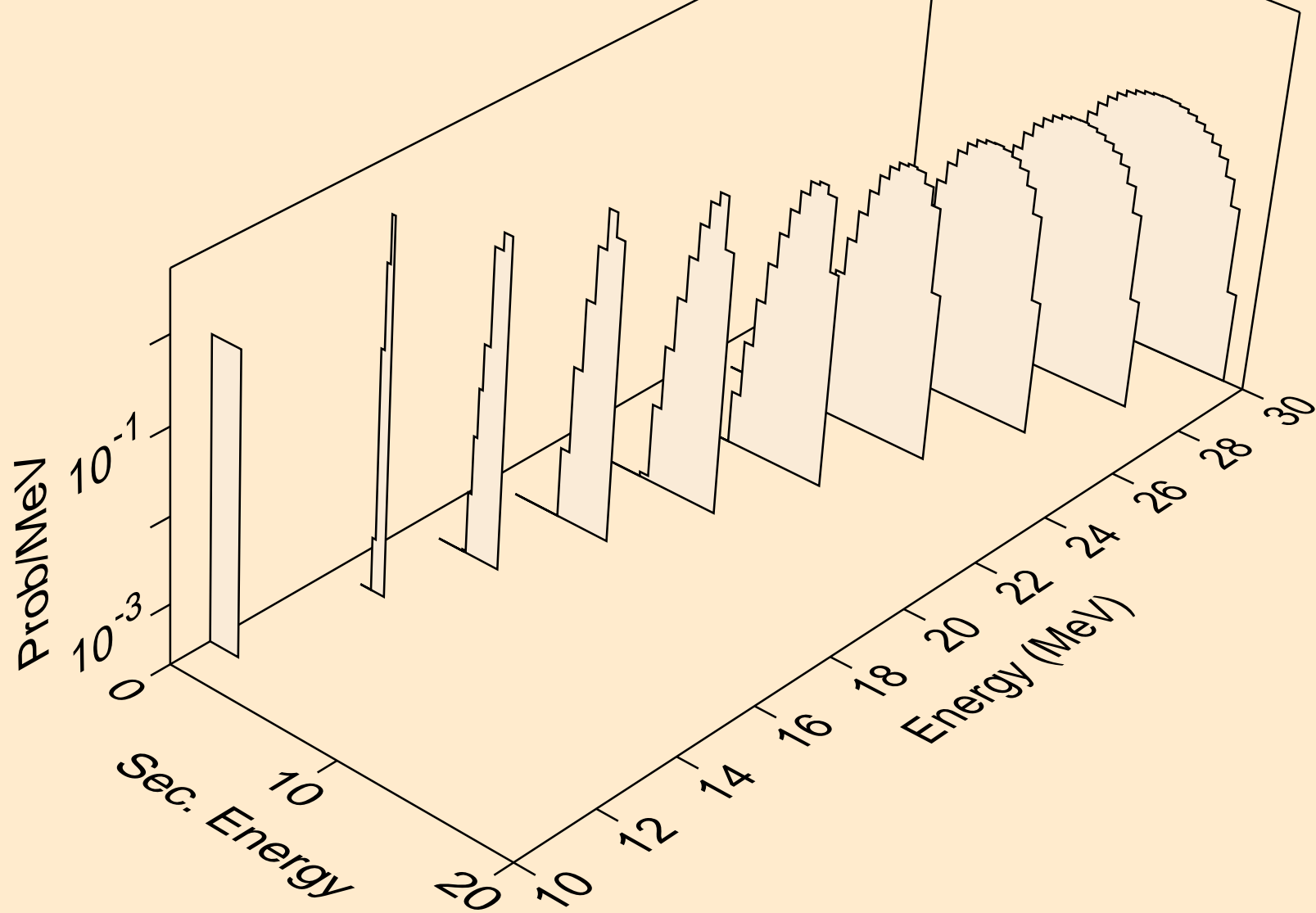
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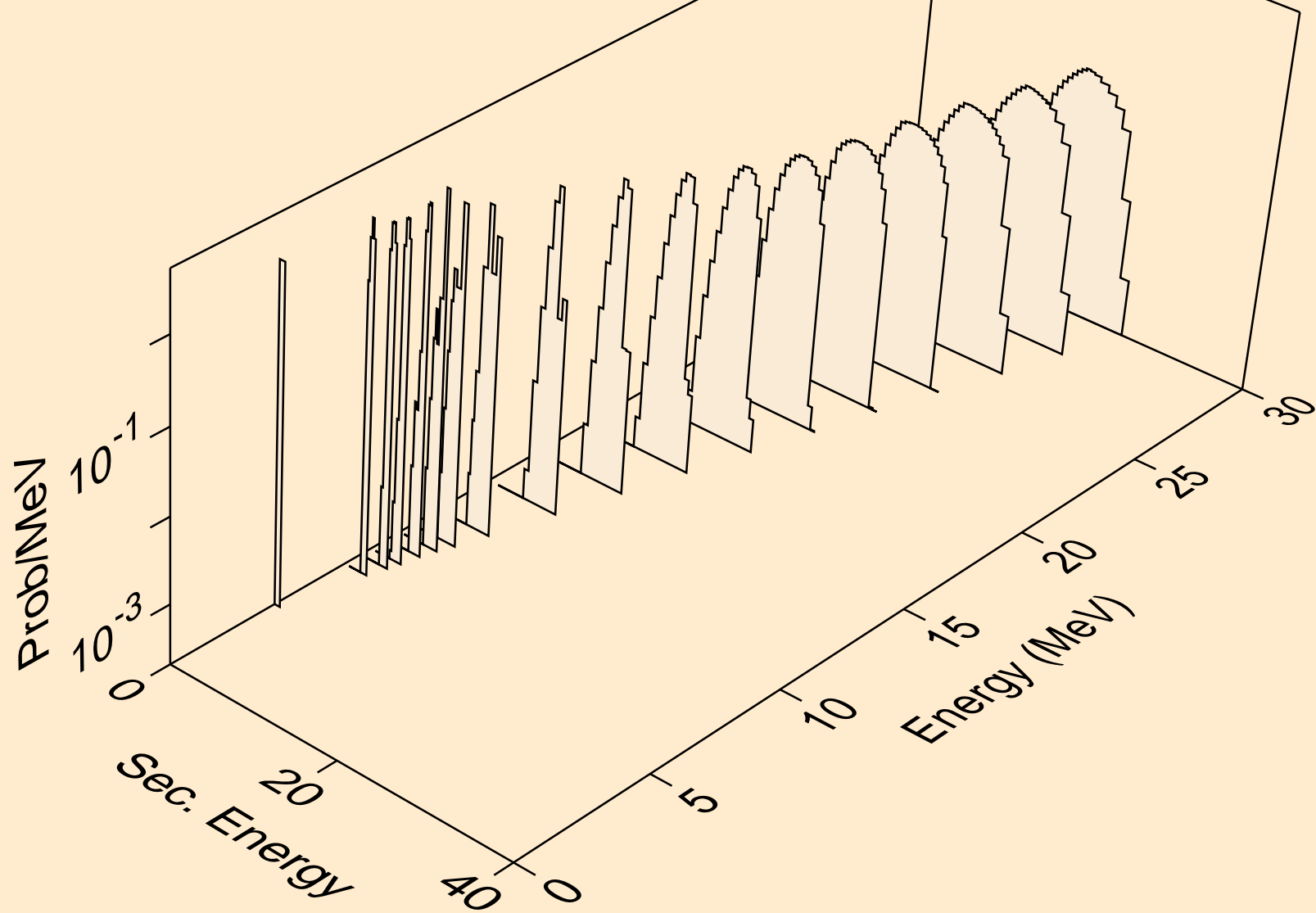
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

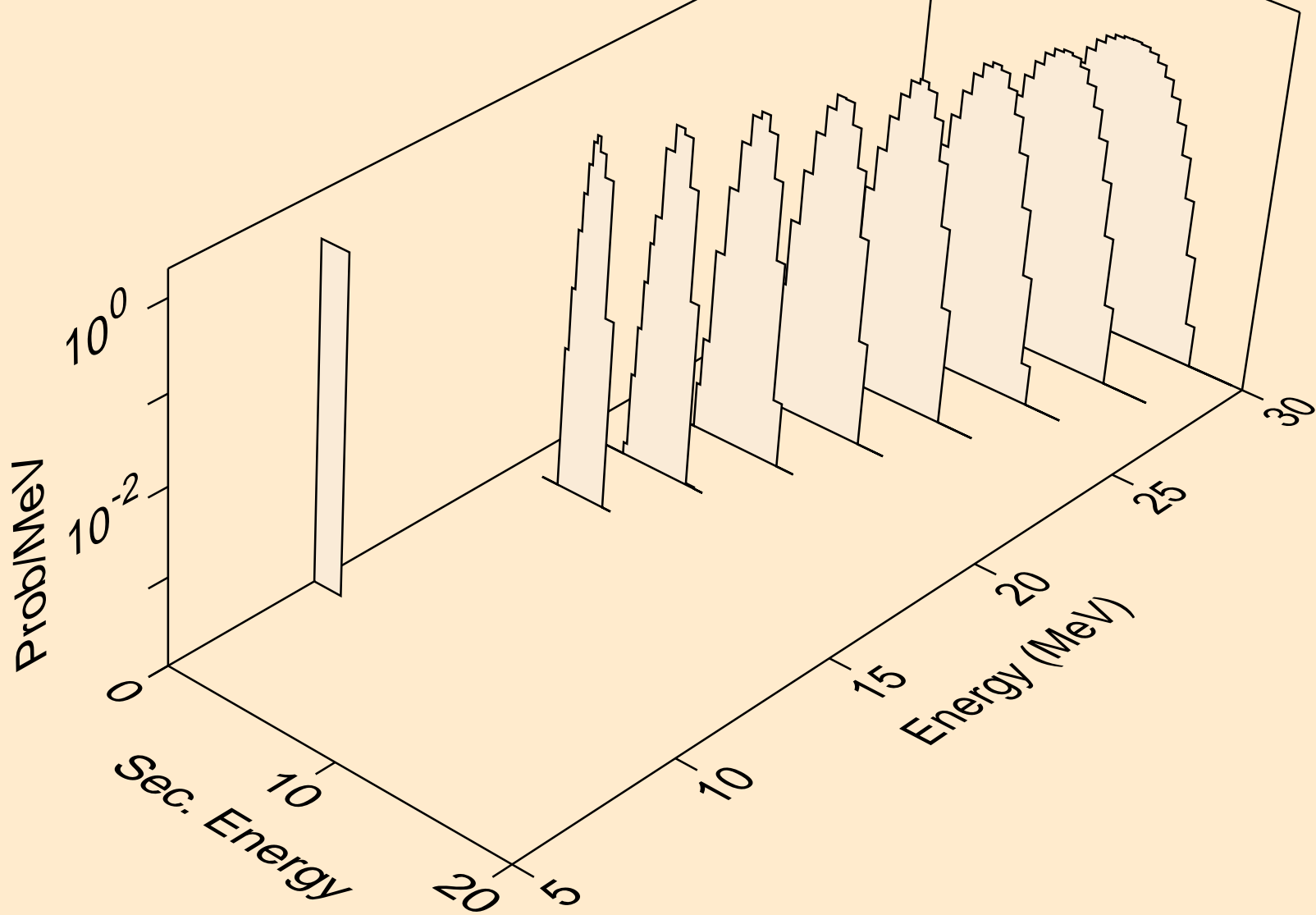


RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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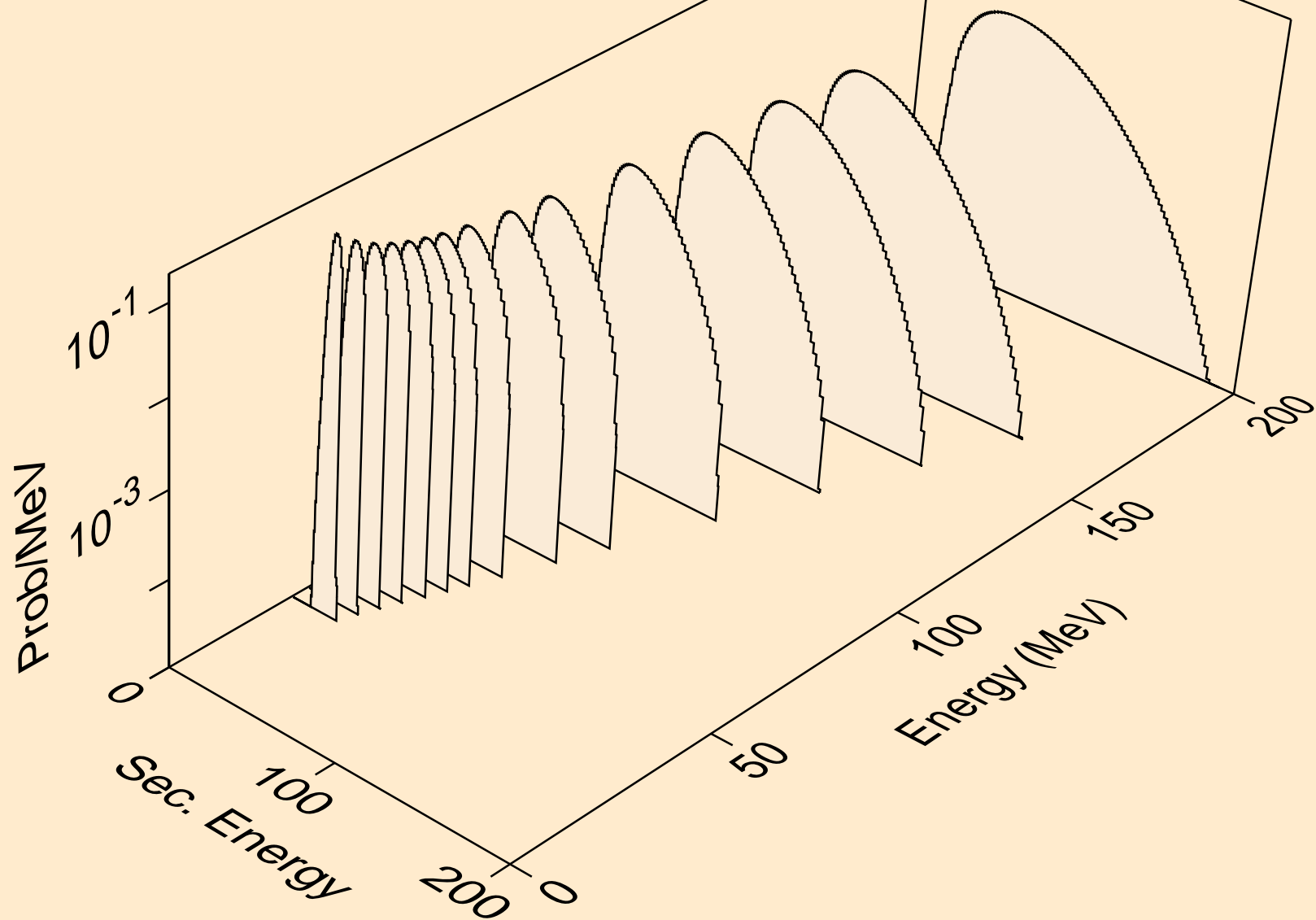




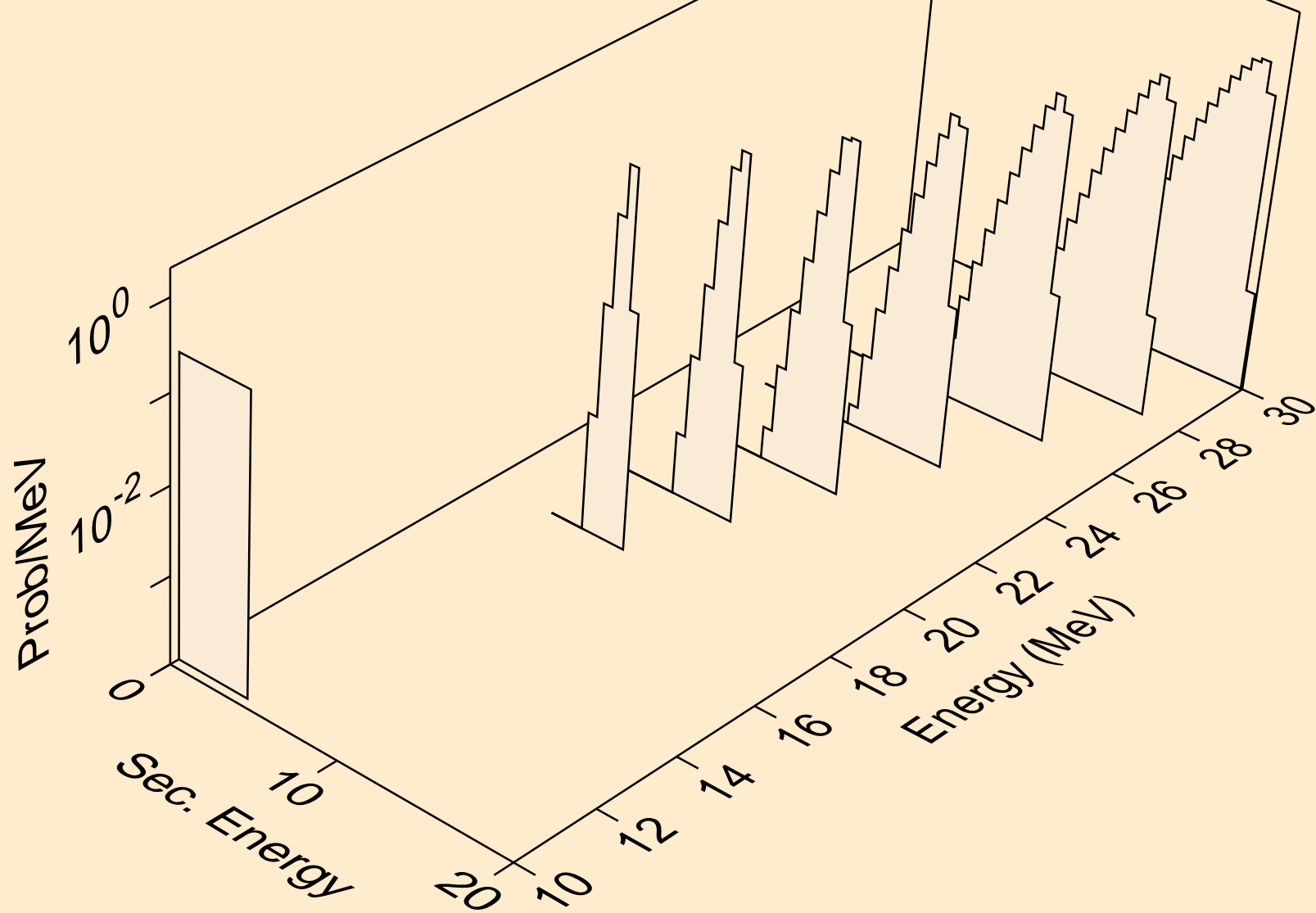
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



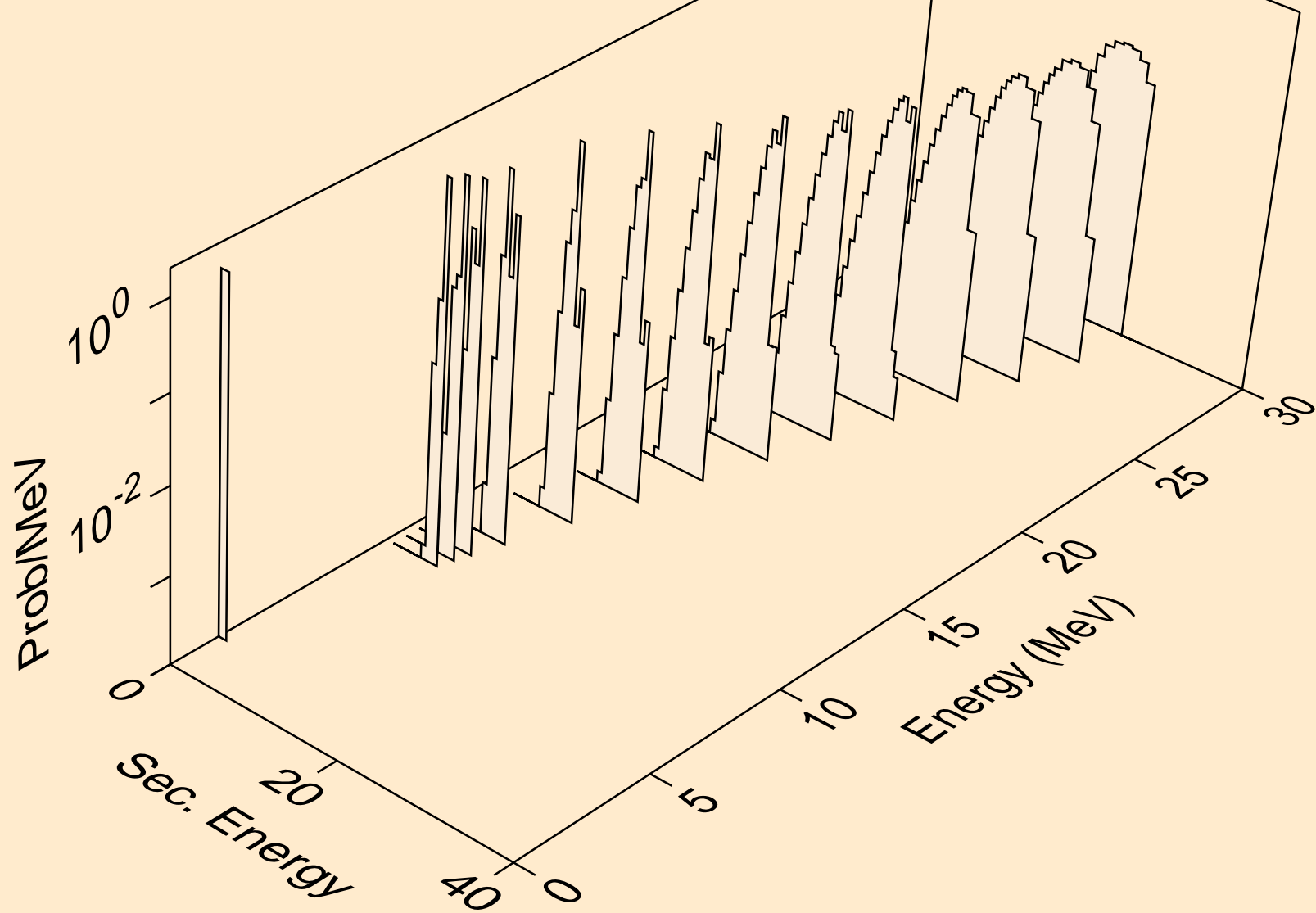
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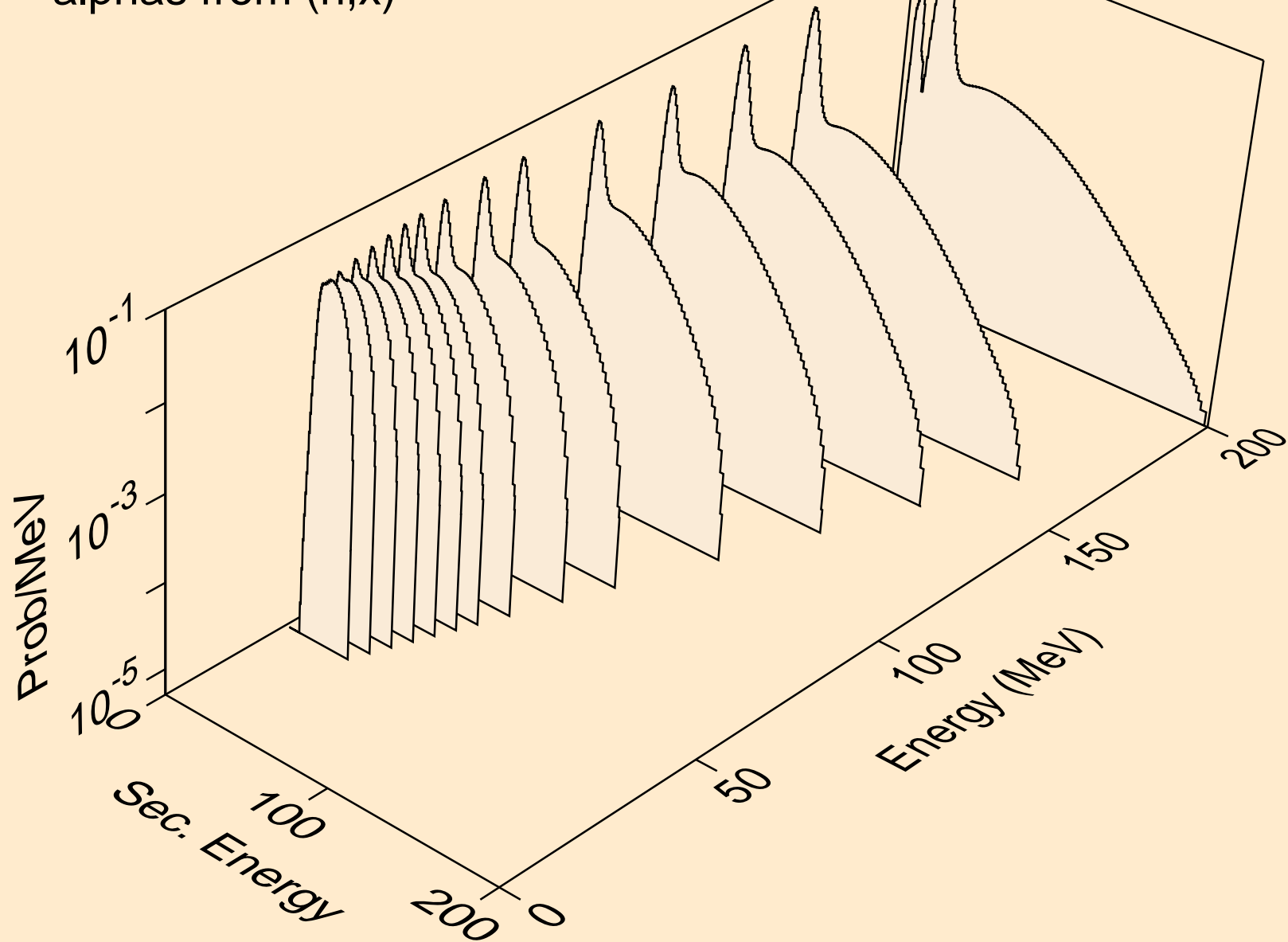
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he3s from (n,n\*)he3



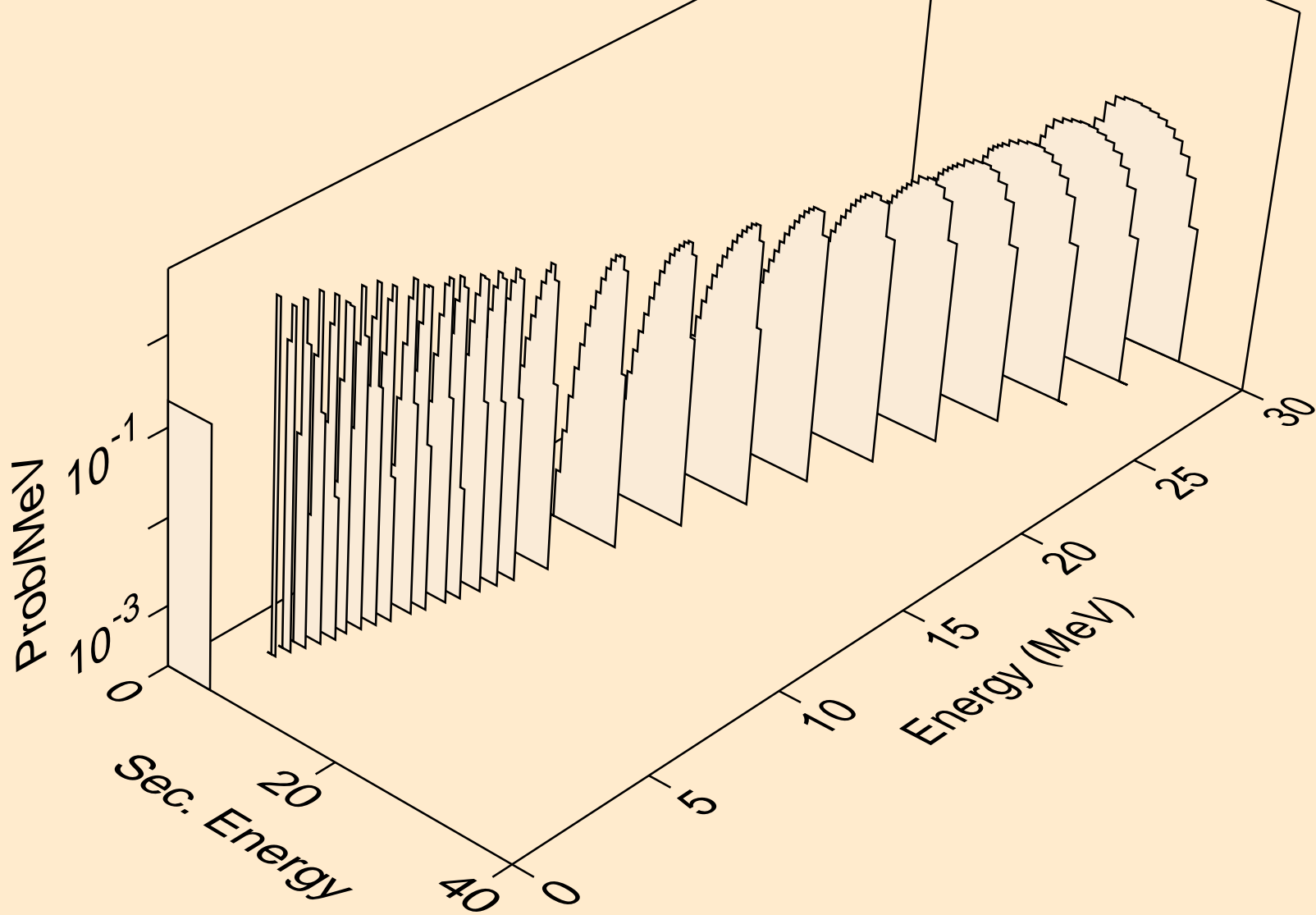
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he3s from (n,he3)



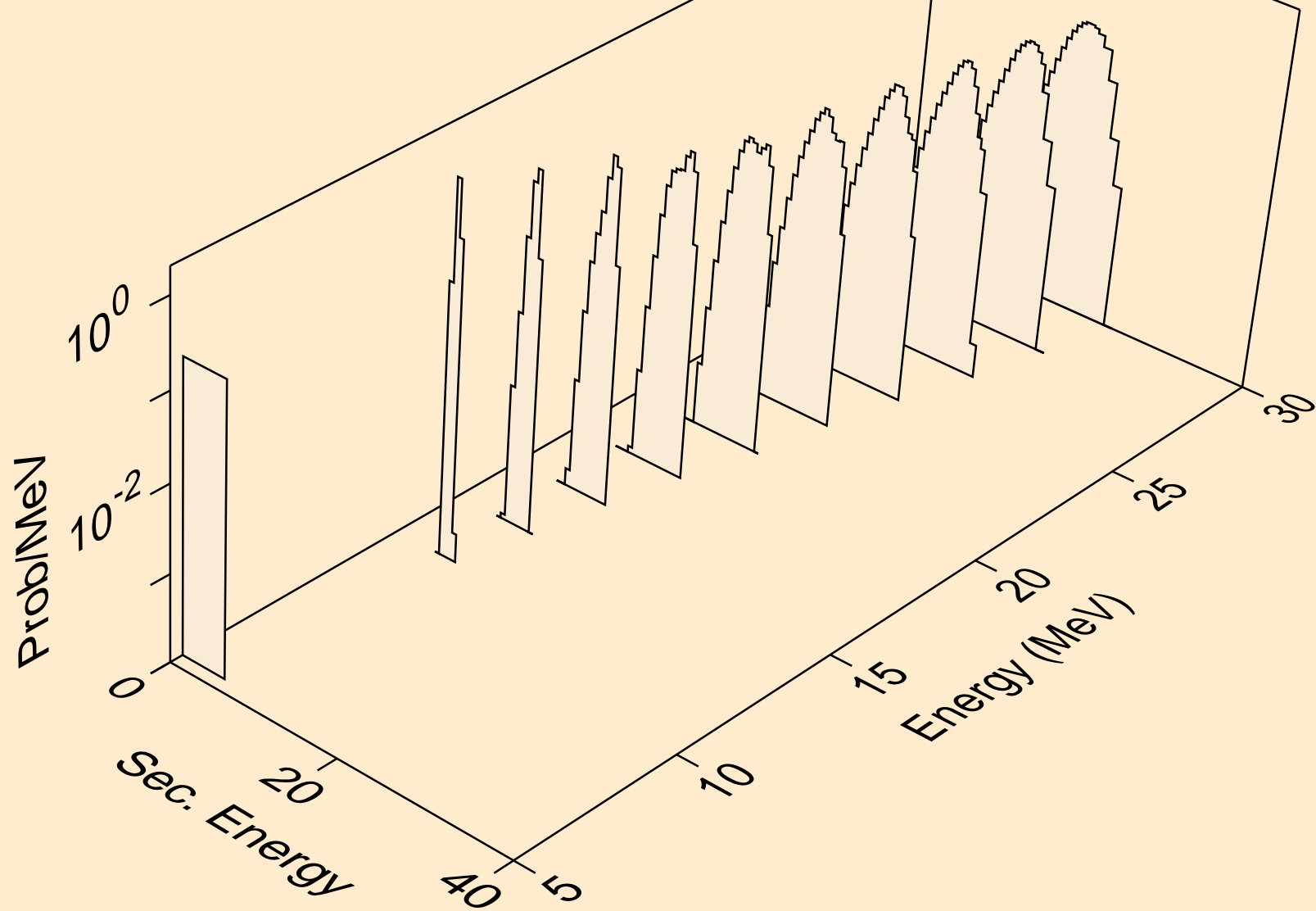
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



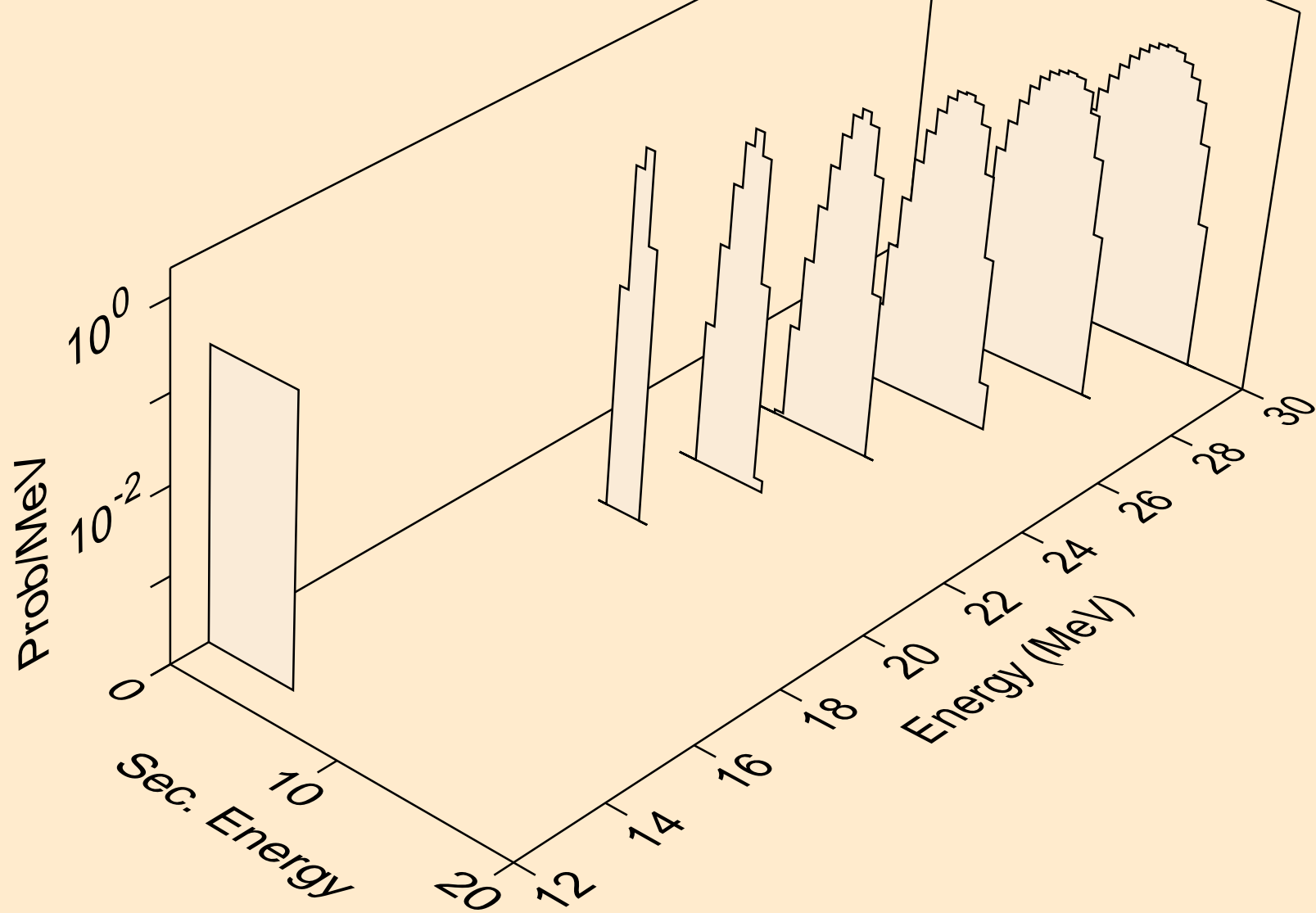
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a

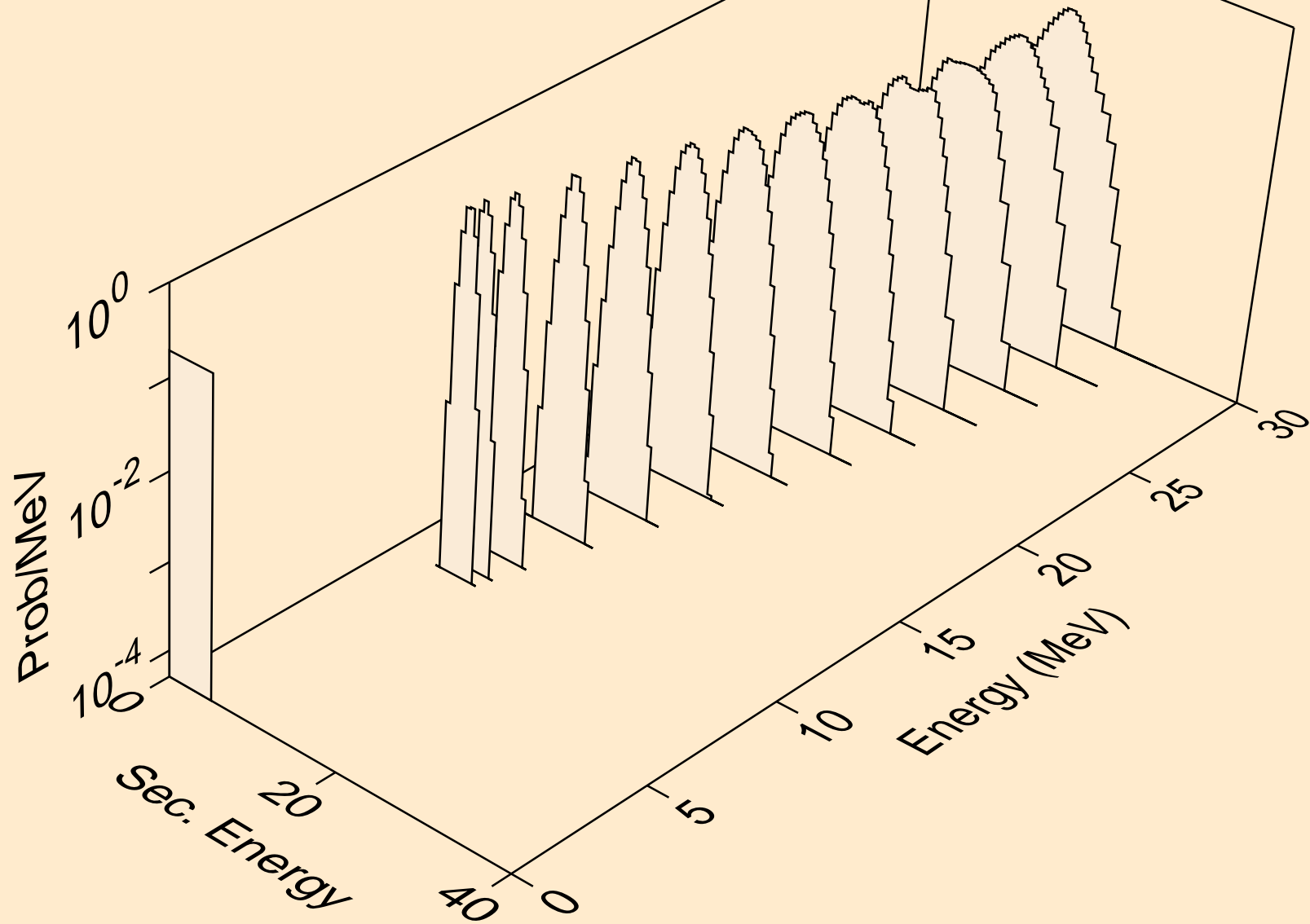


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alphas from (n,3n)a

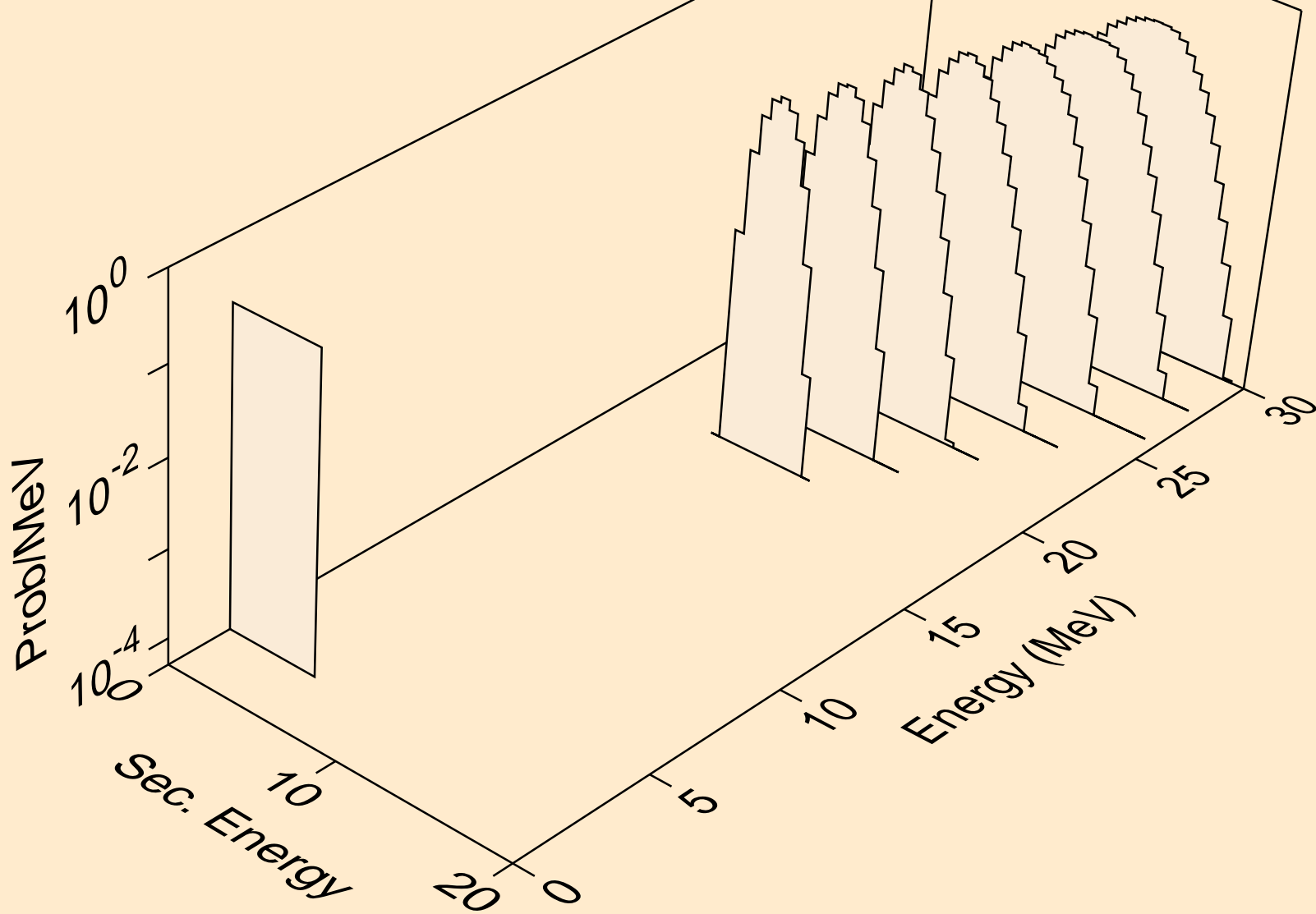




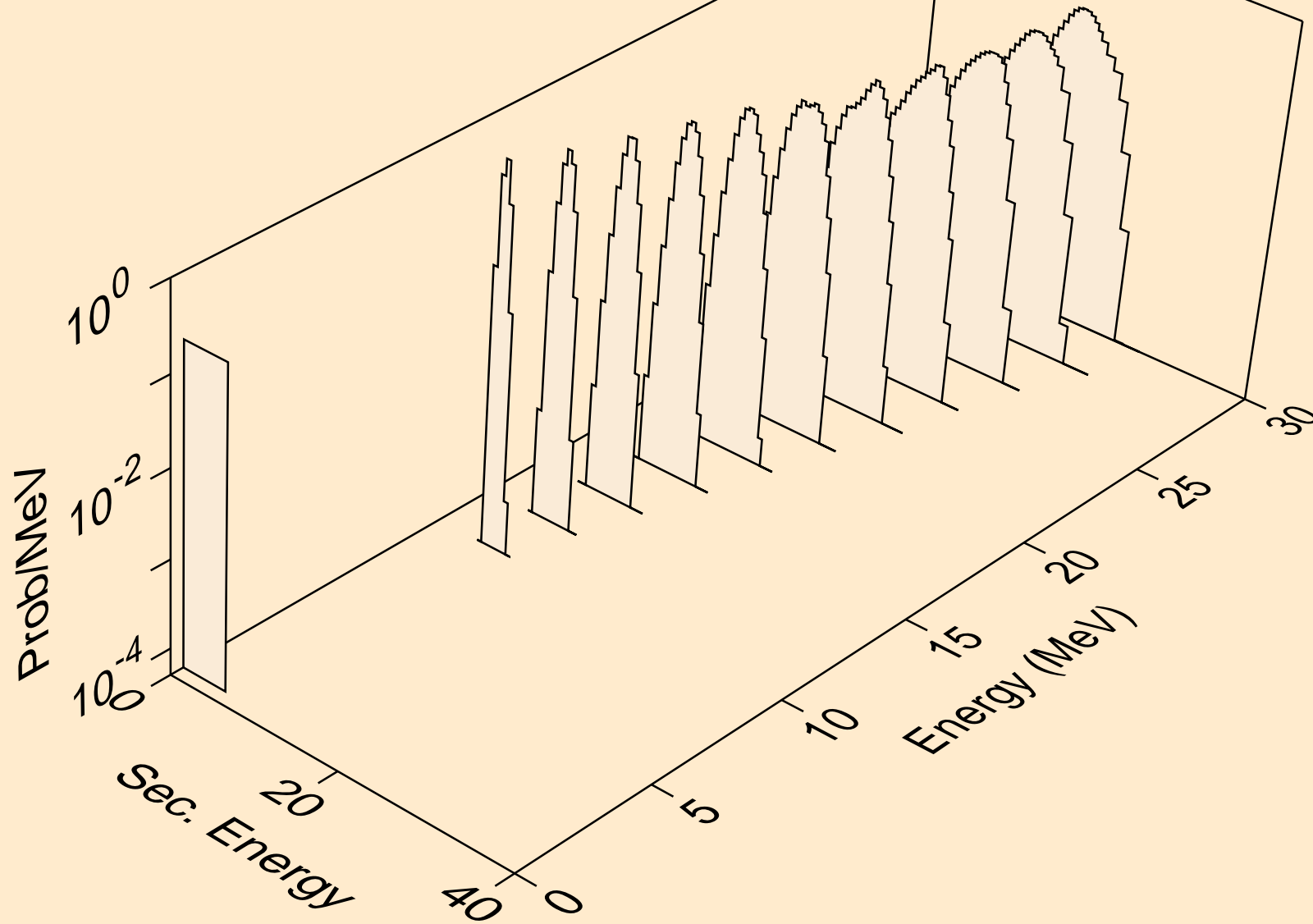
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alphas from (n,n\*)2a



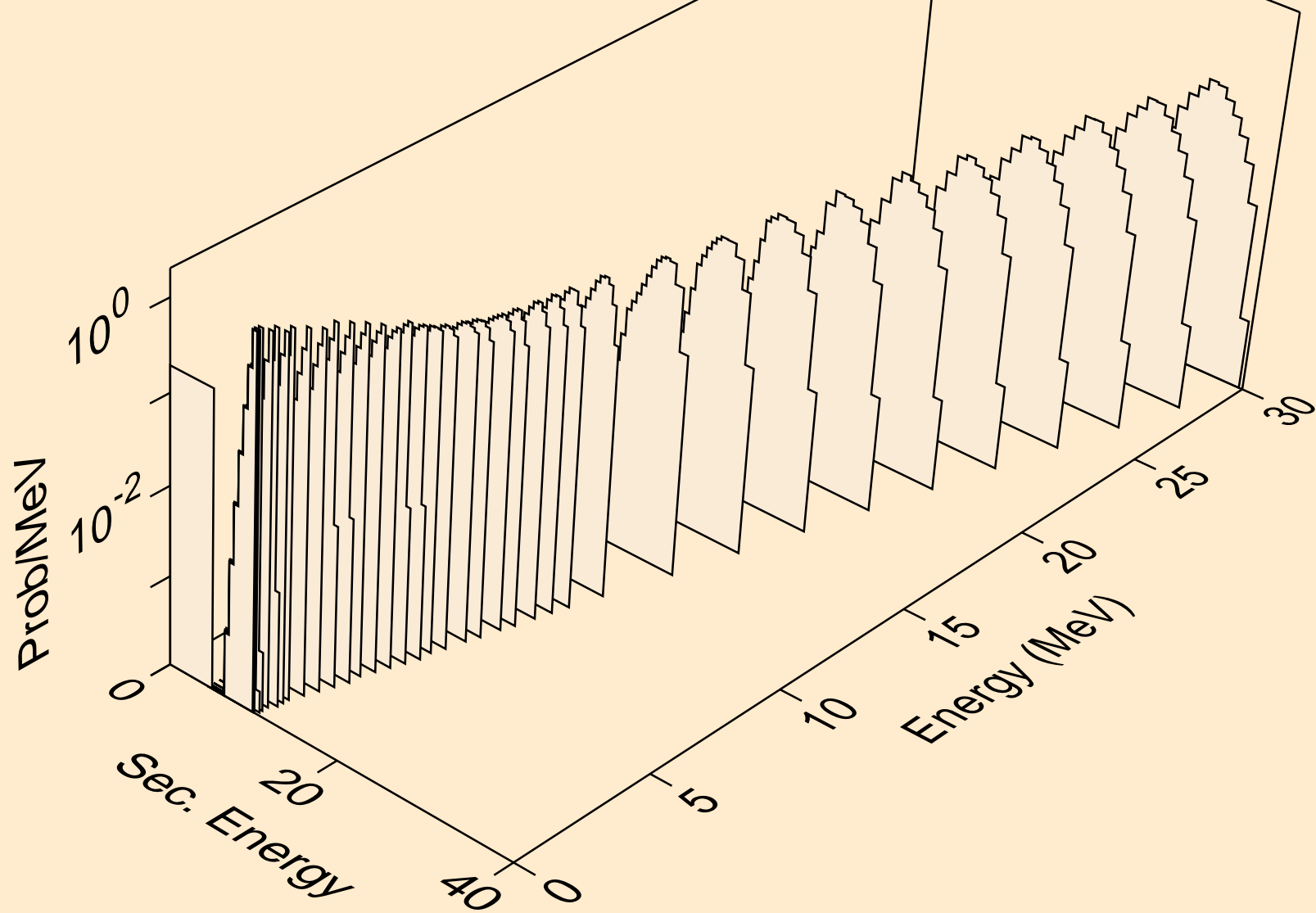
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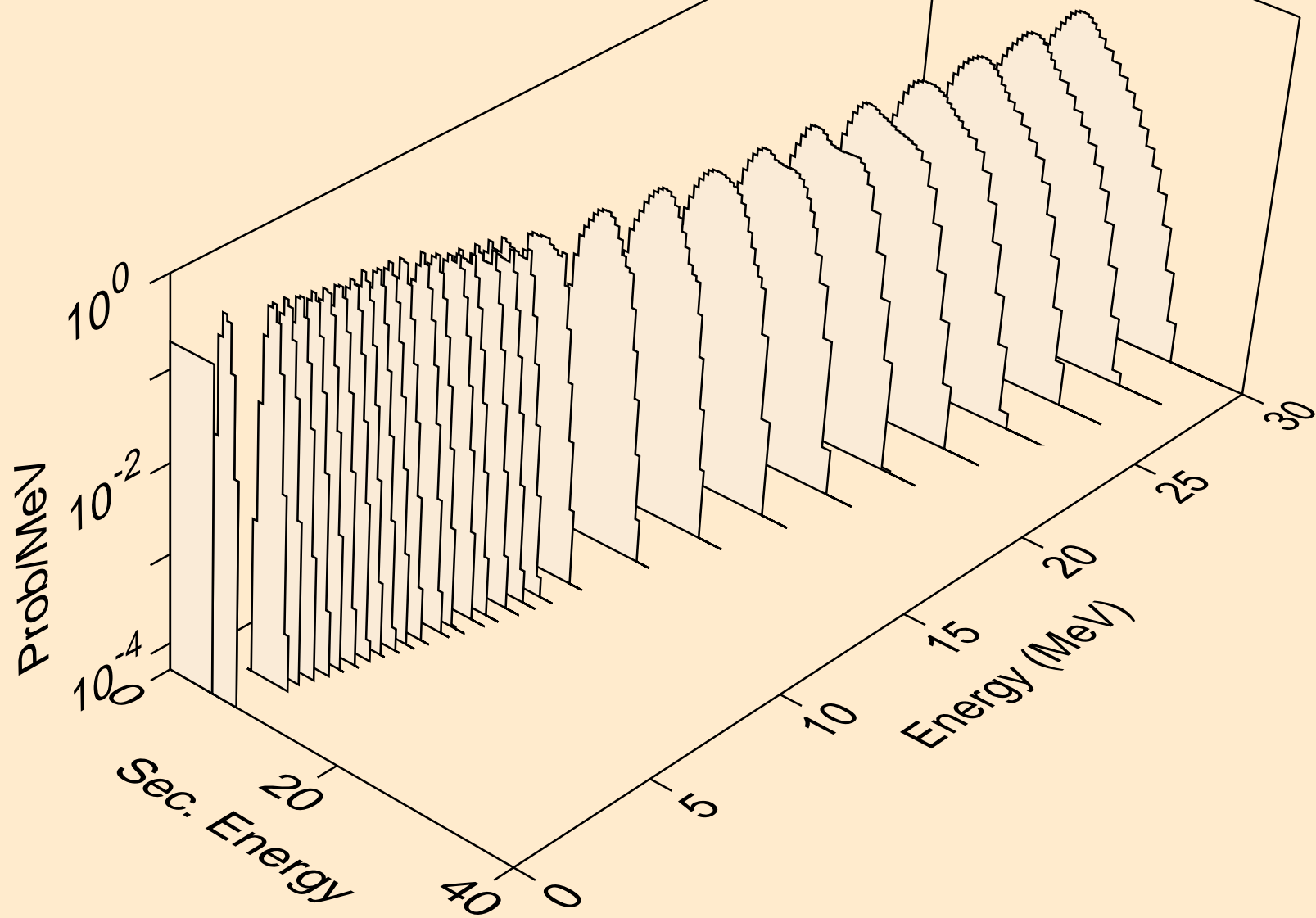
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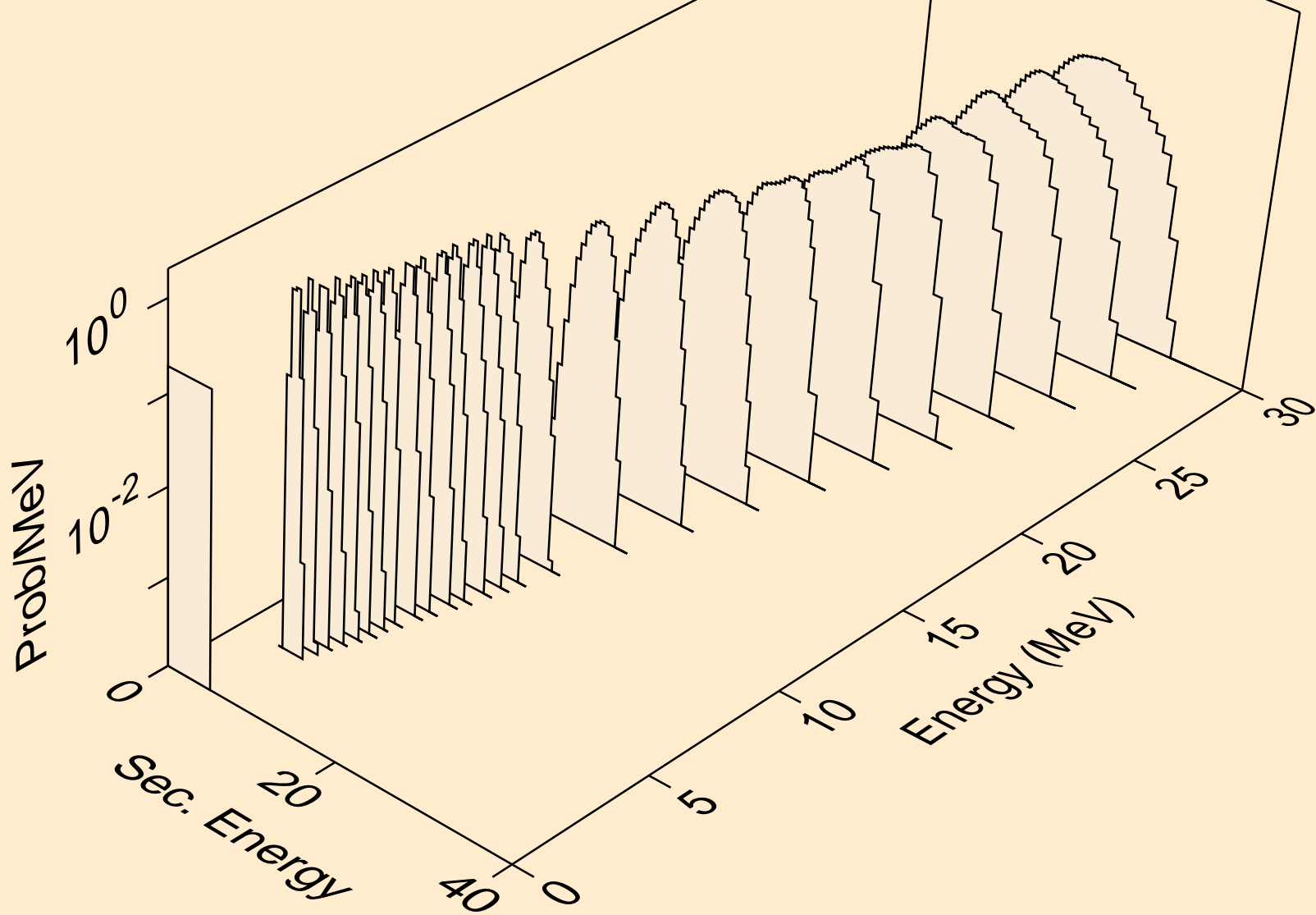
RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



RE179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

