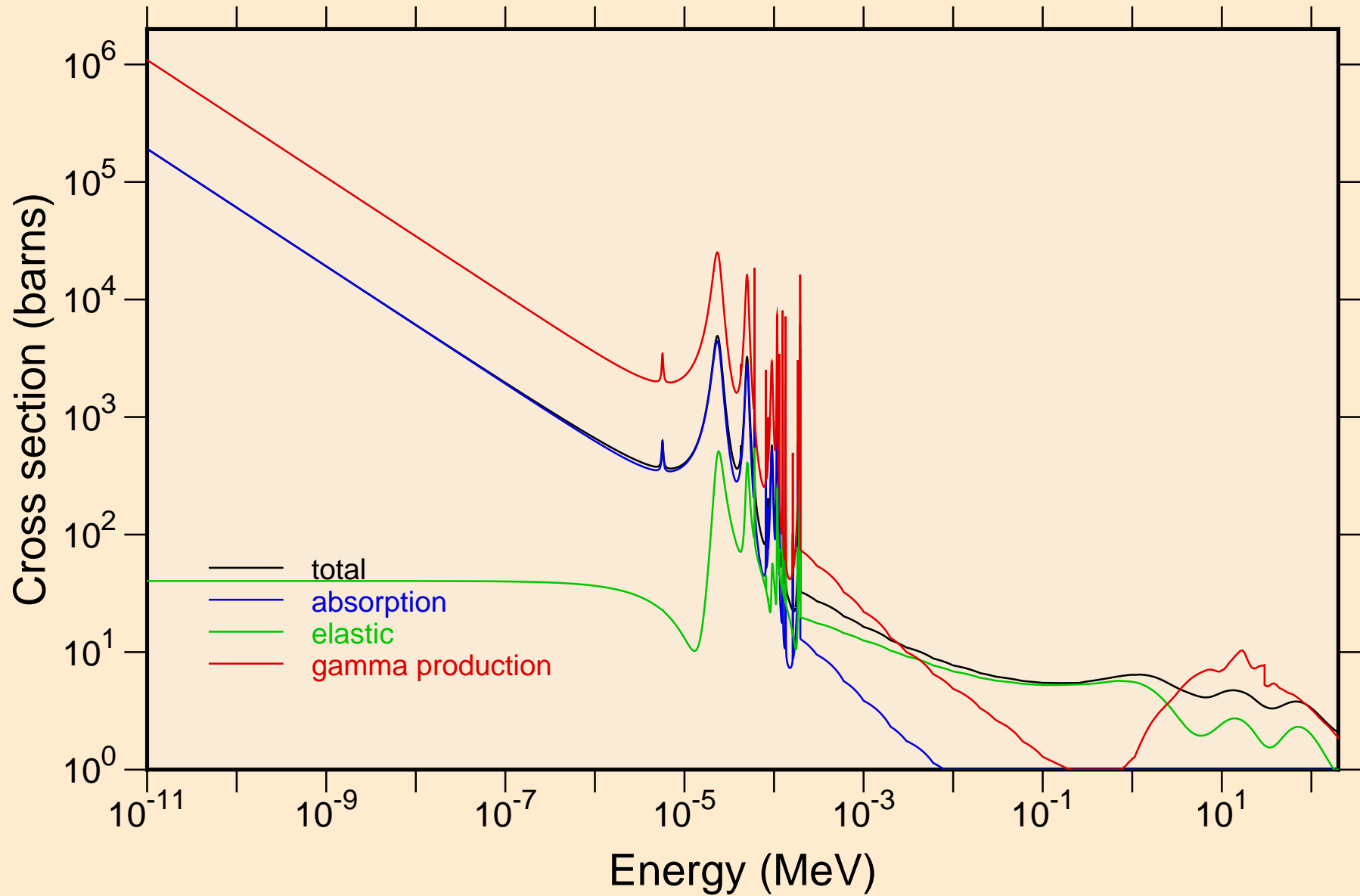
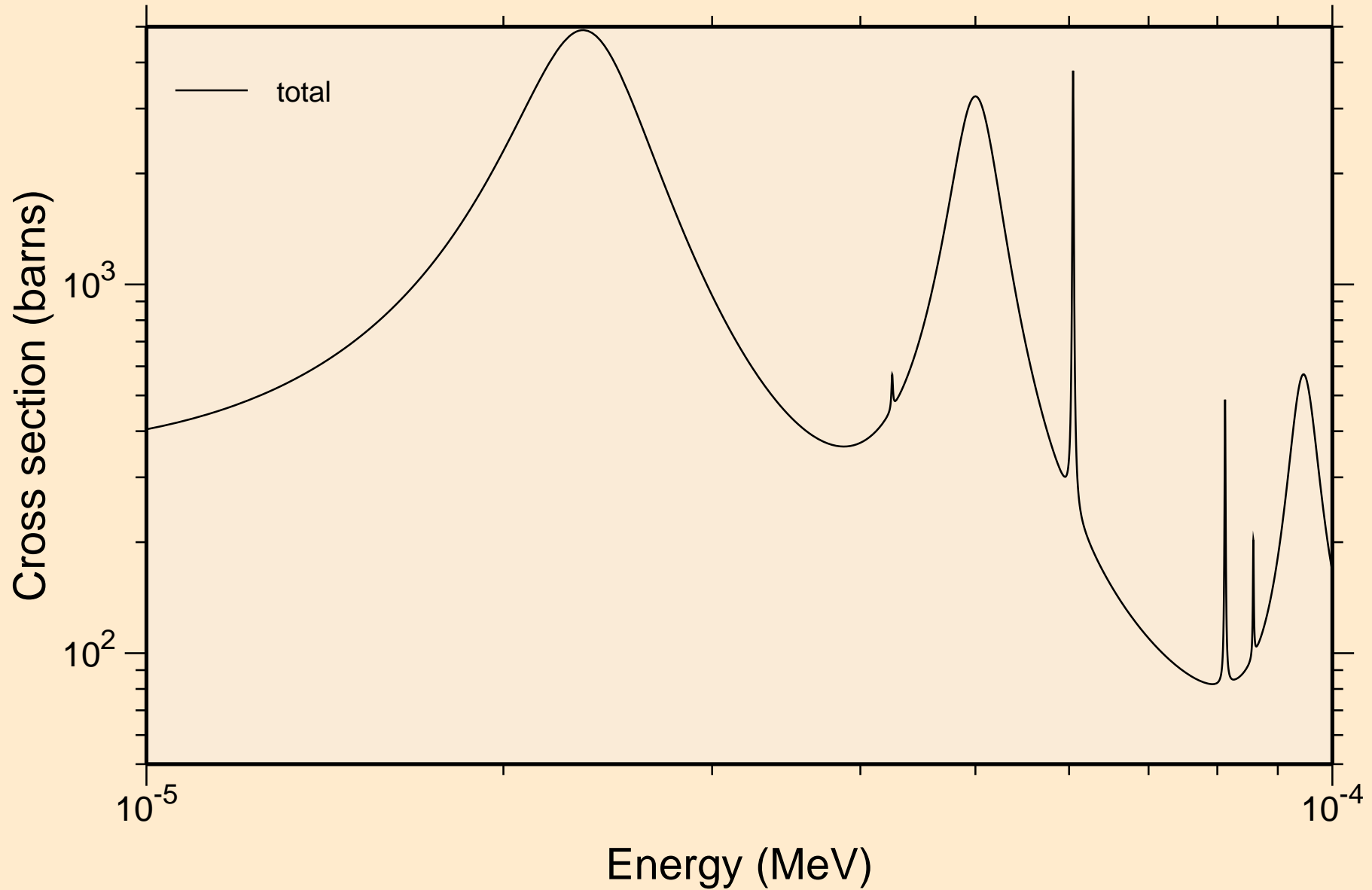


# TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

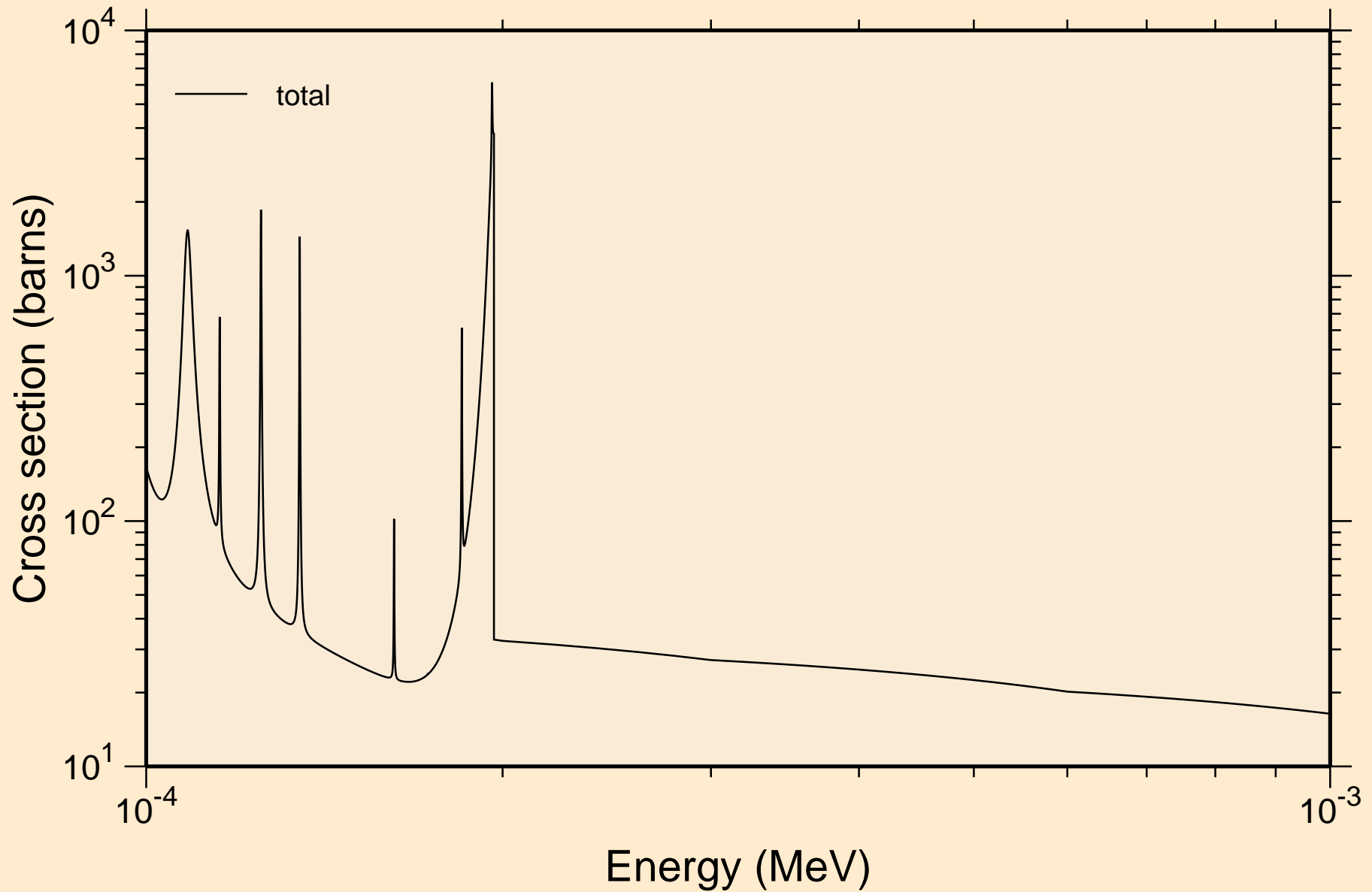
## Principal cross sections



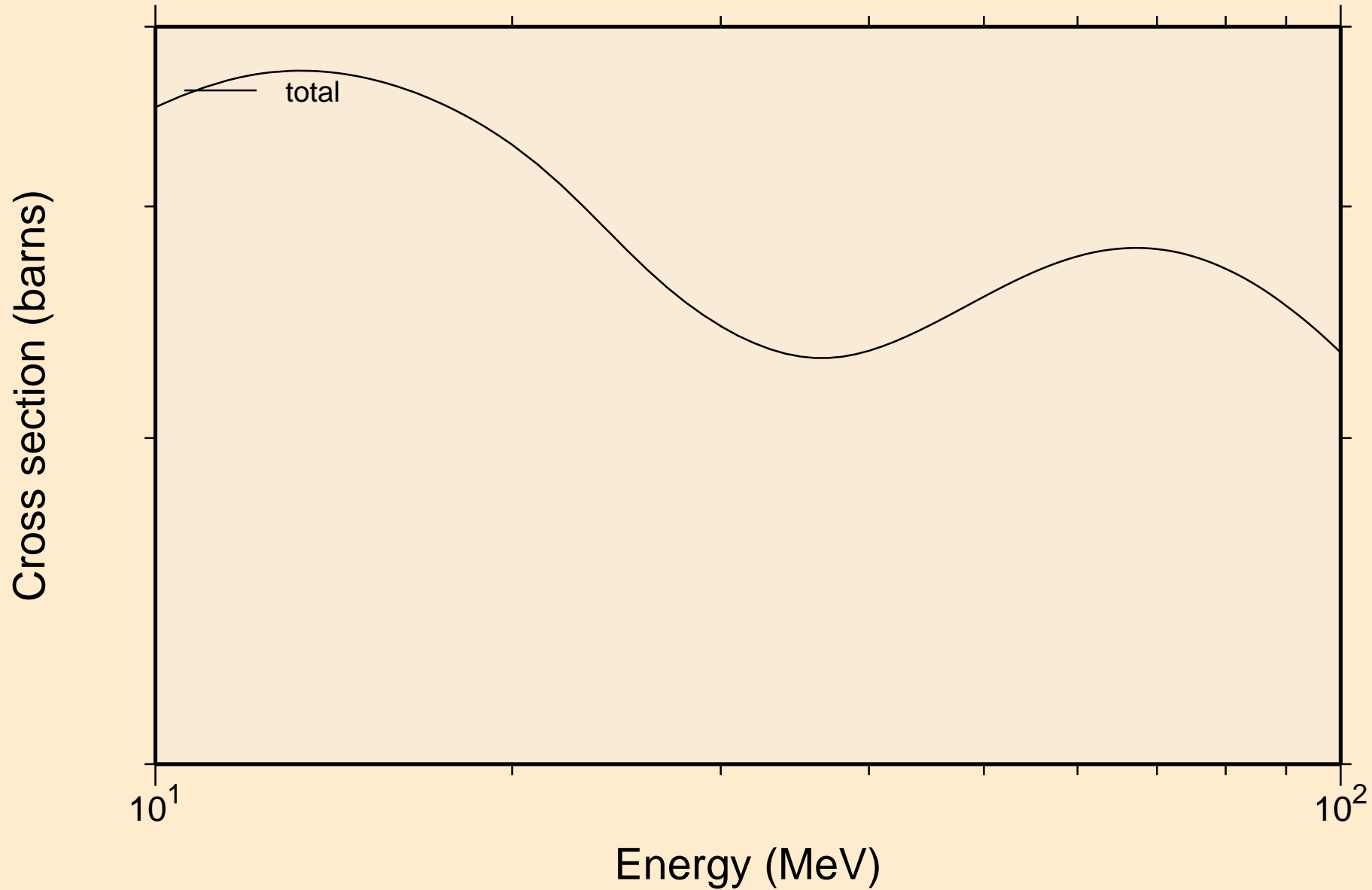
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resonance total cross section



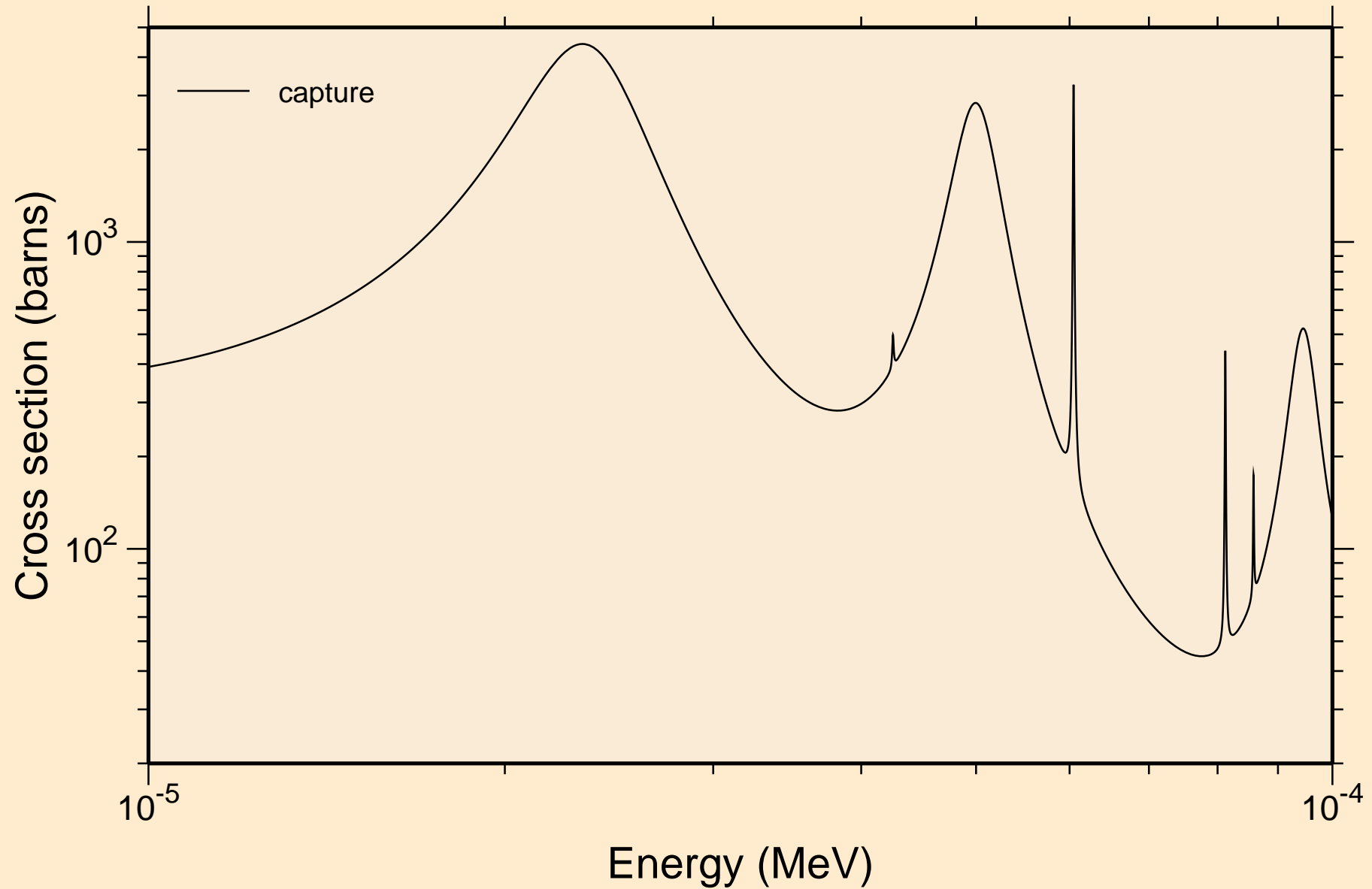
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



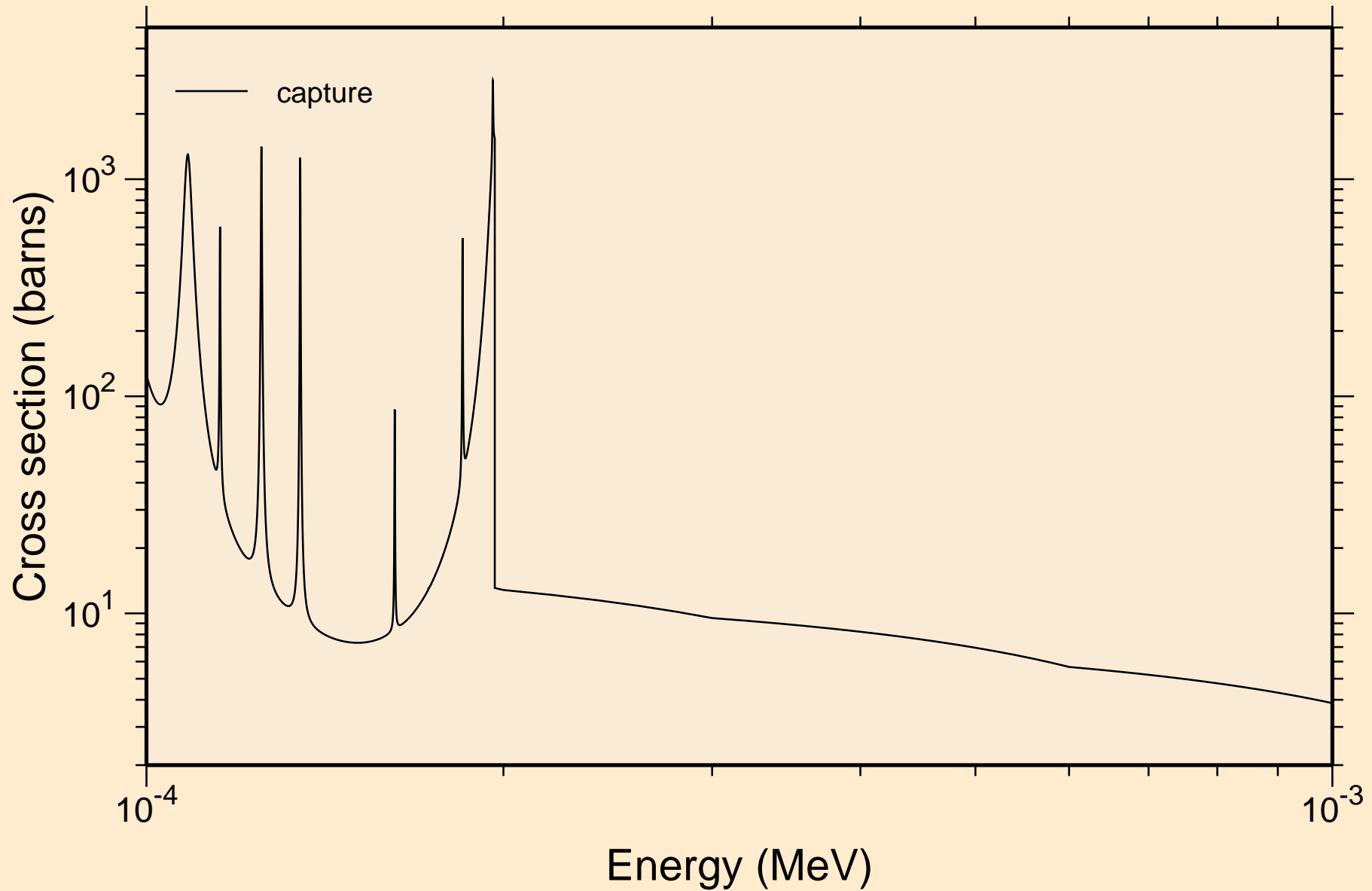
TĒ127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



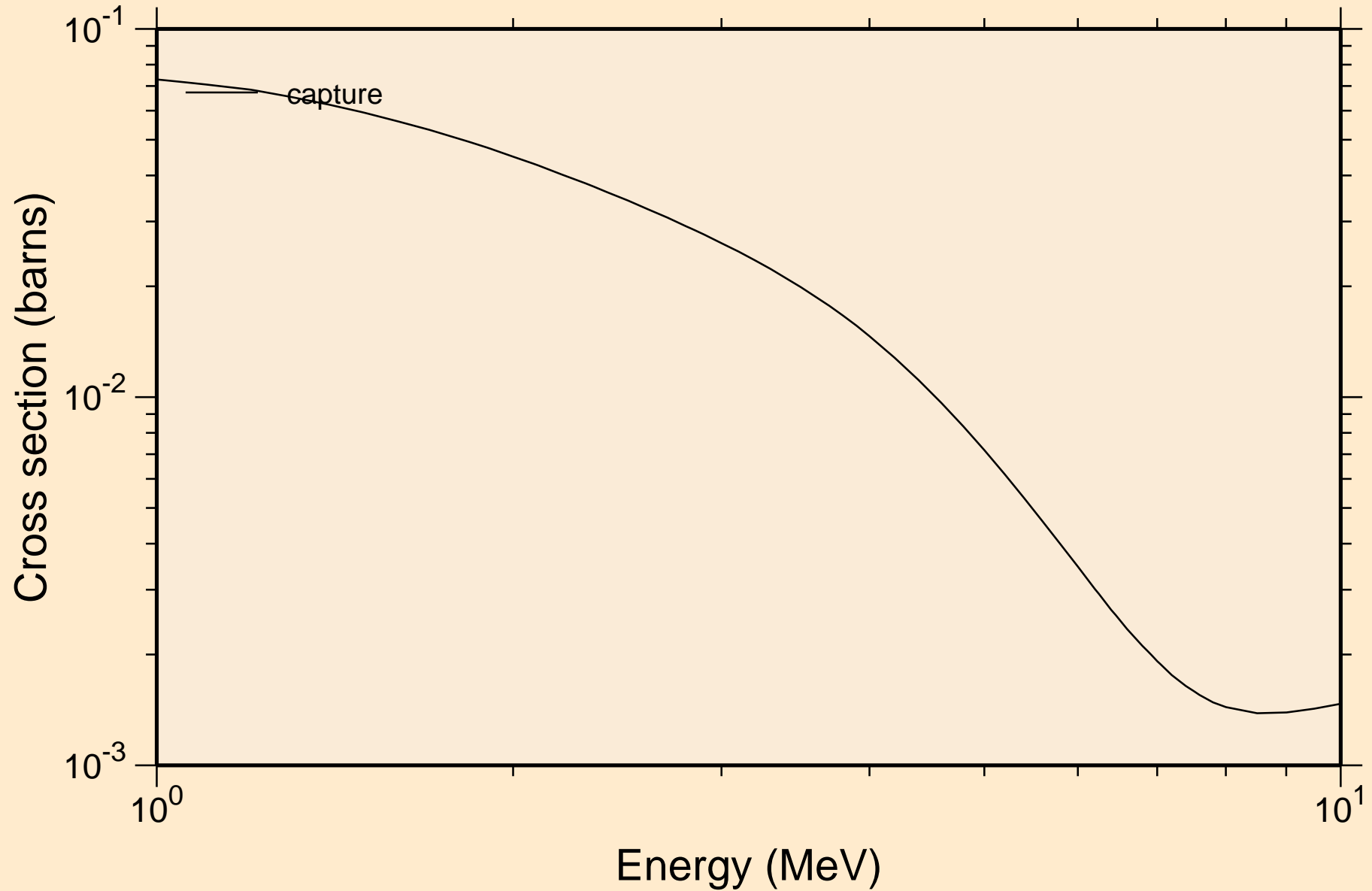
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



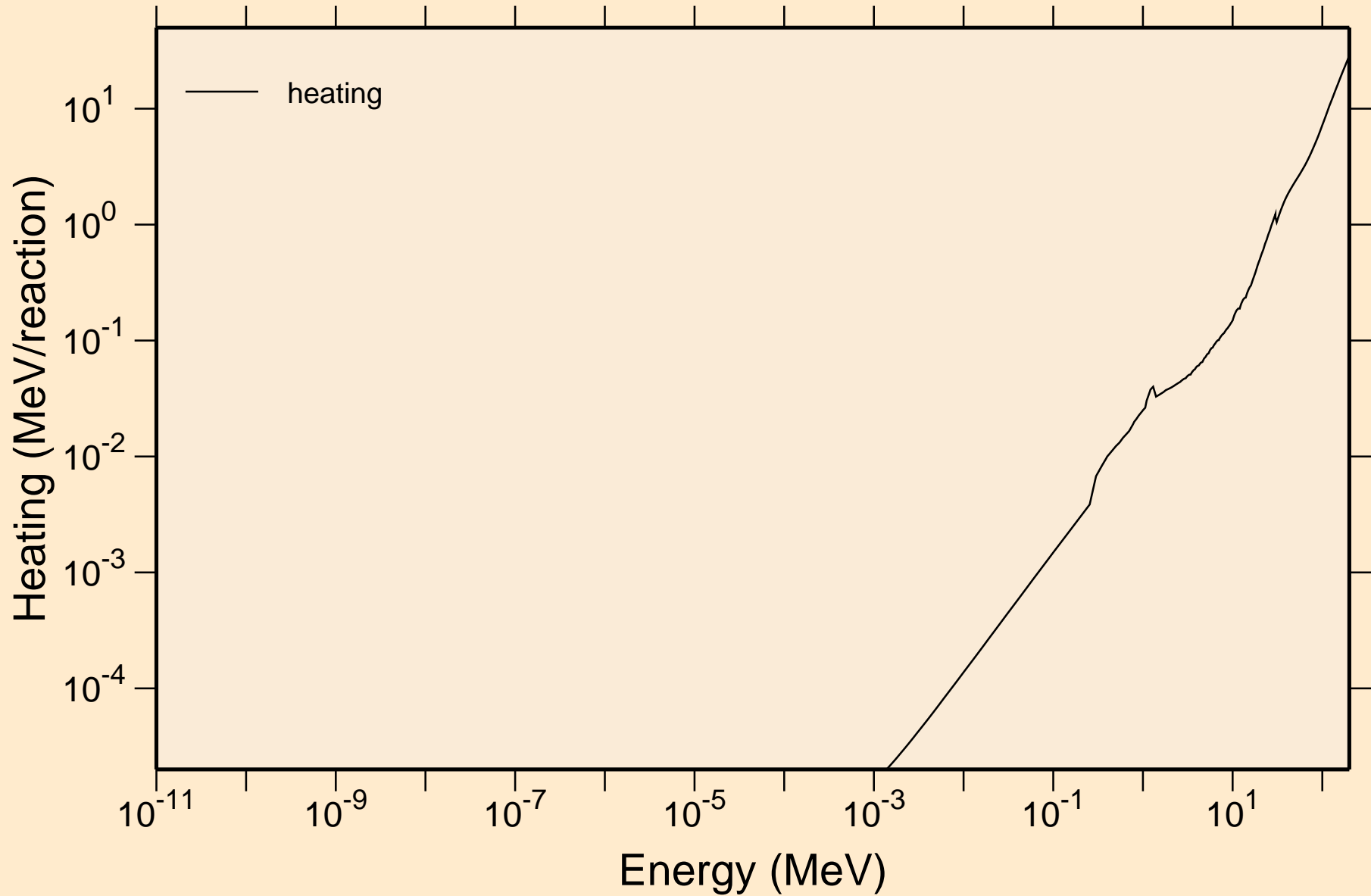
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

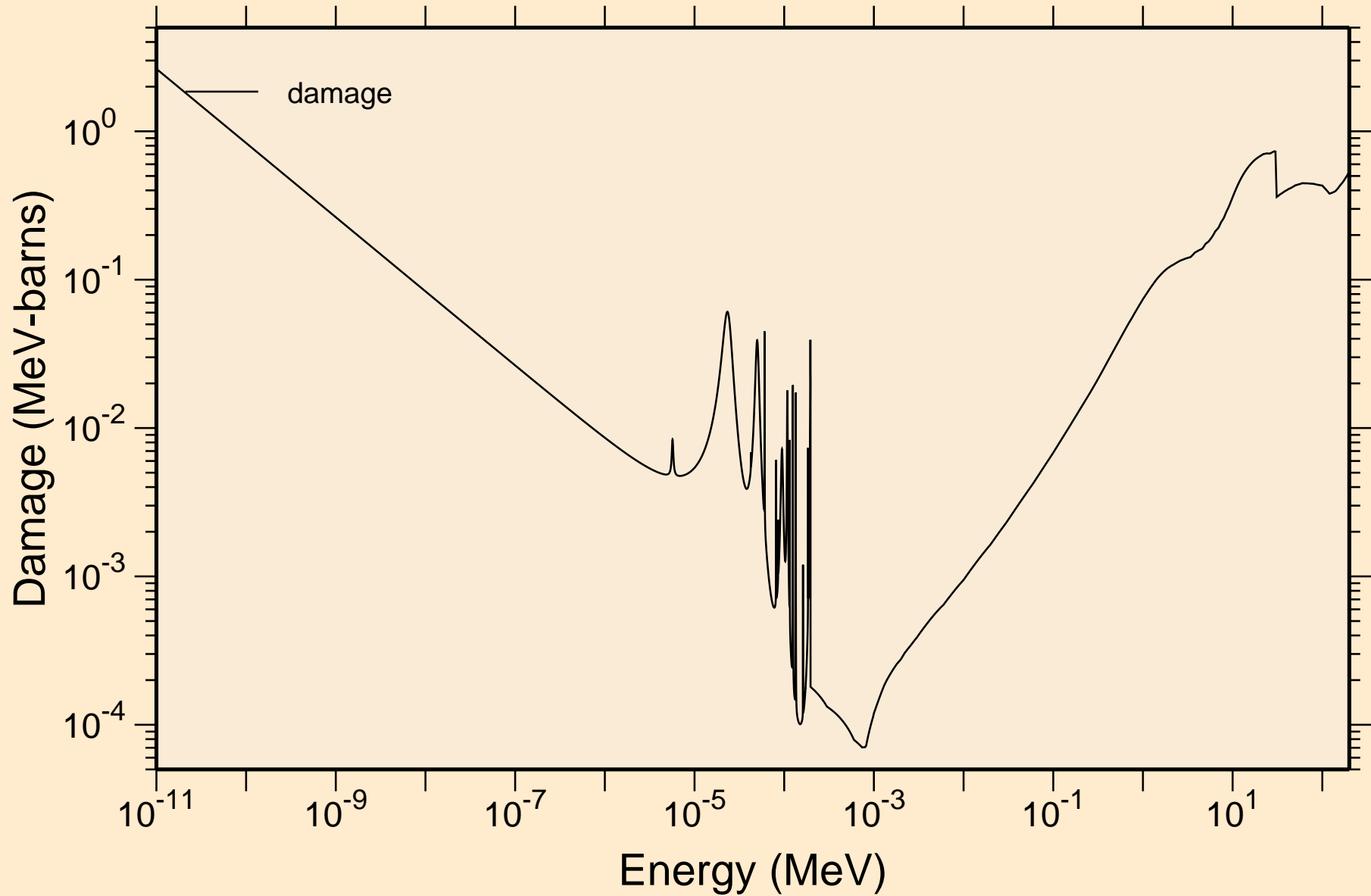


TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

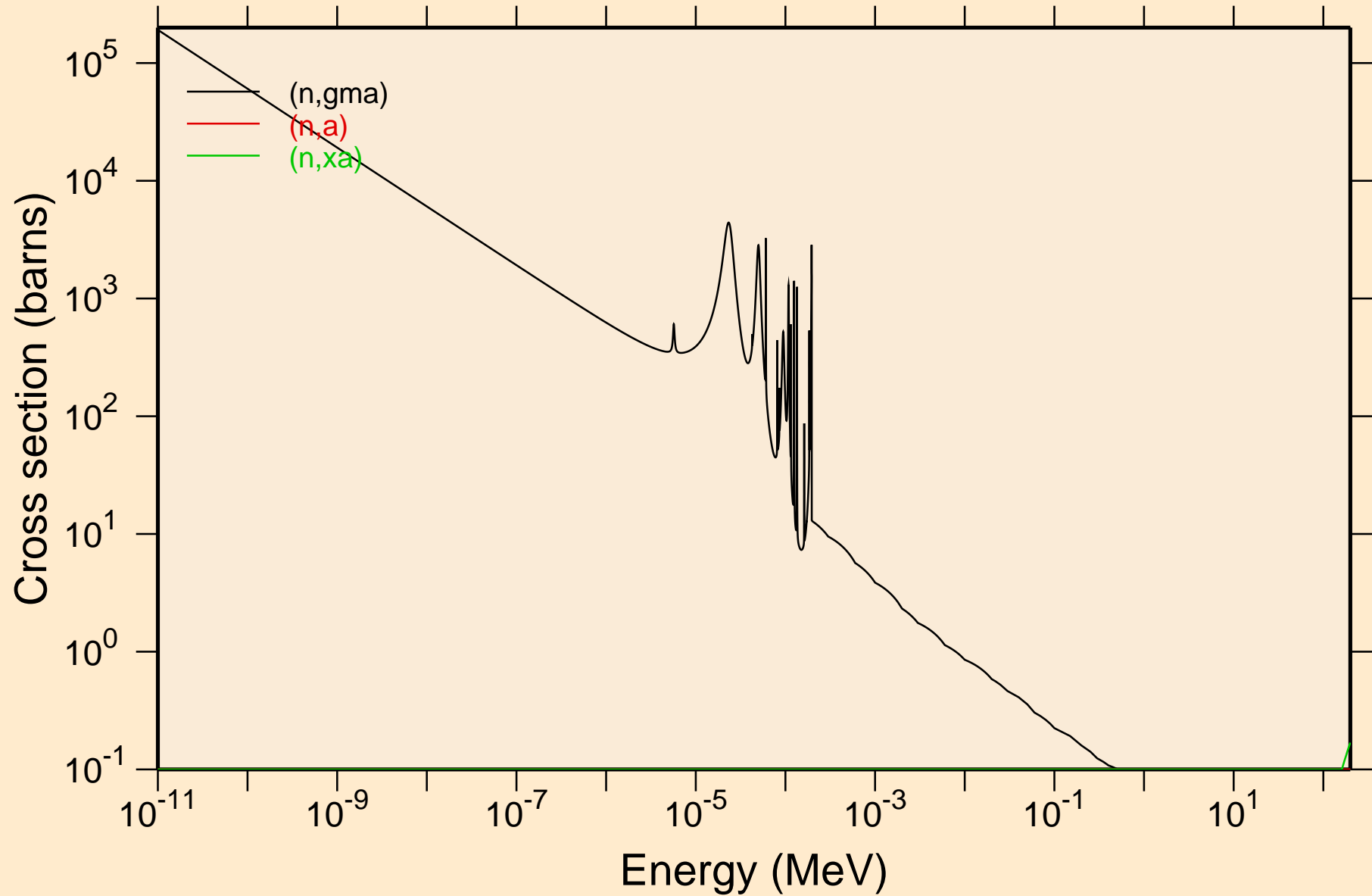




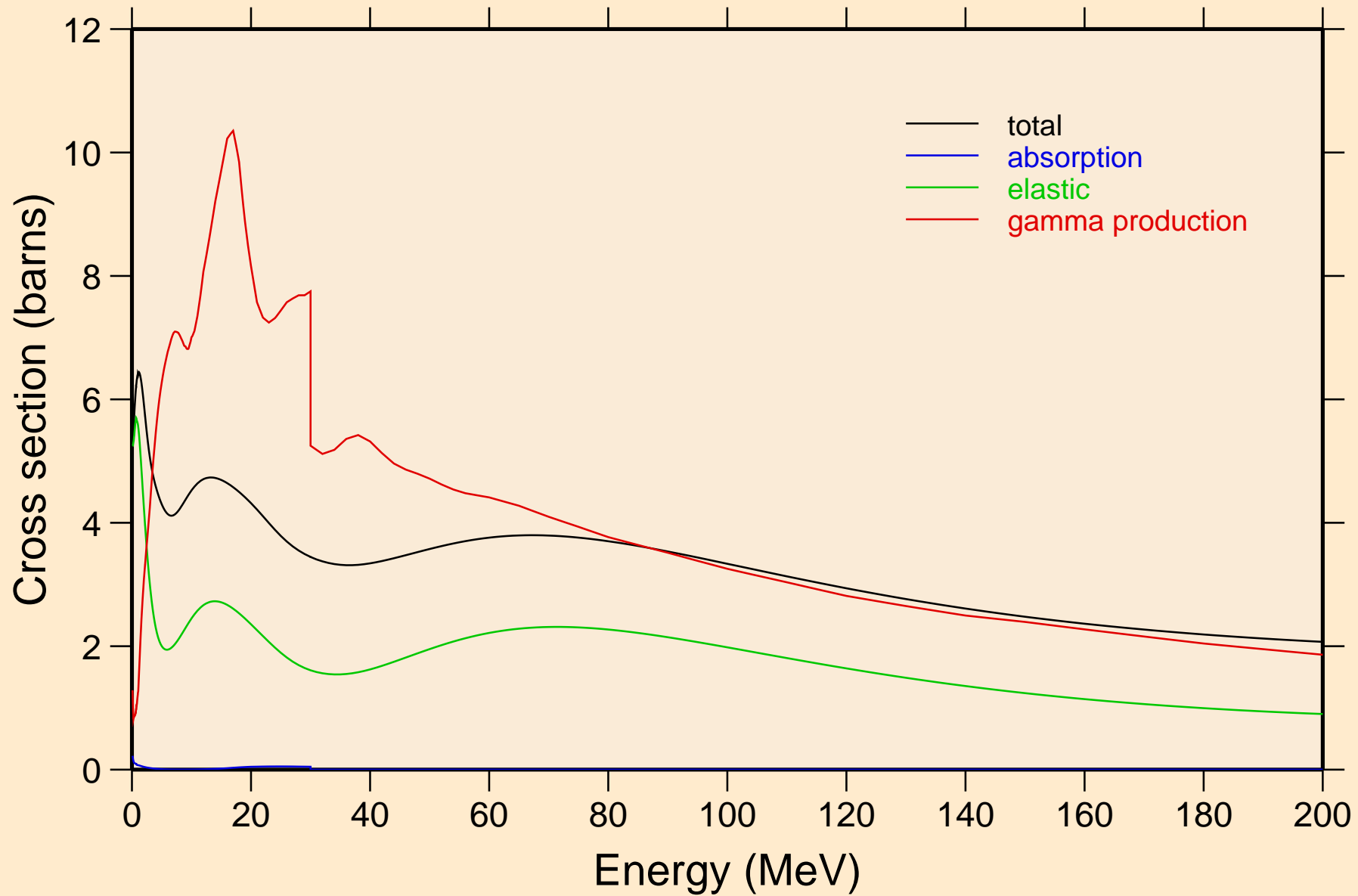
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

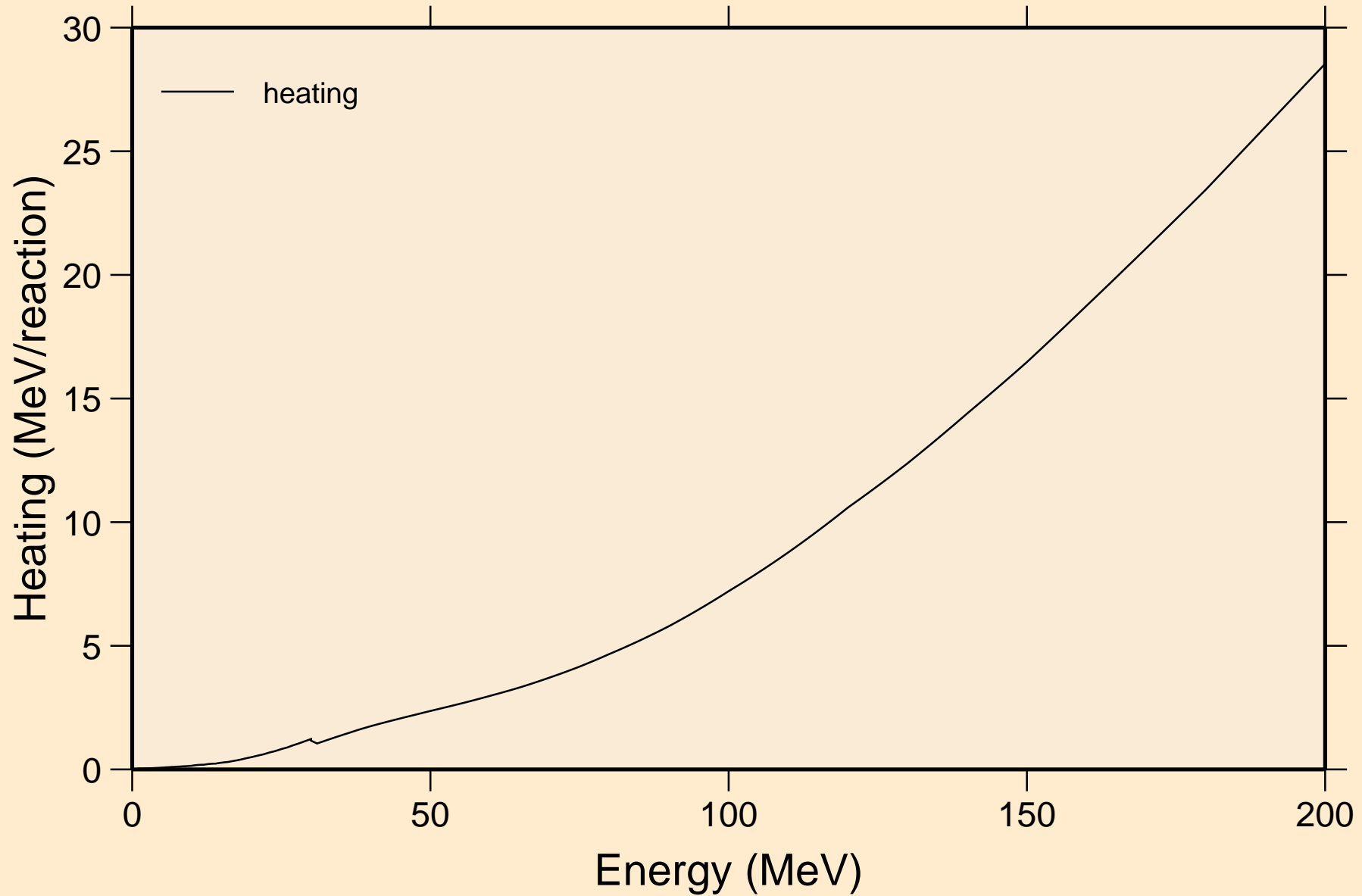


TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

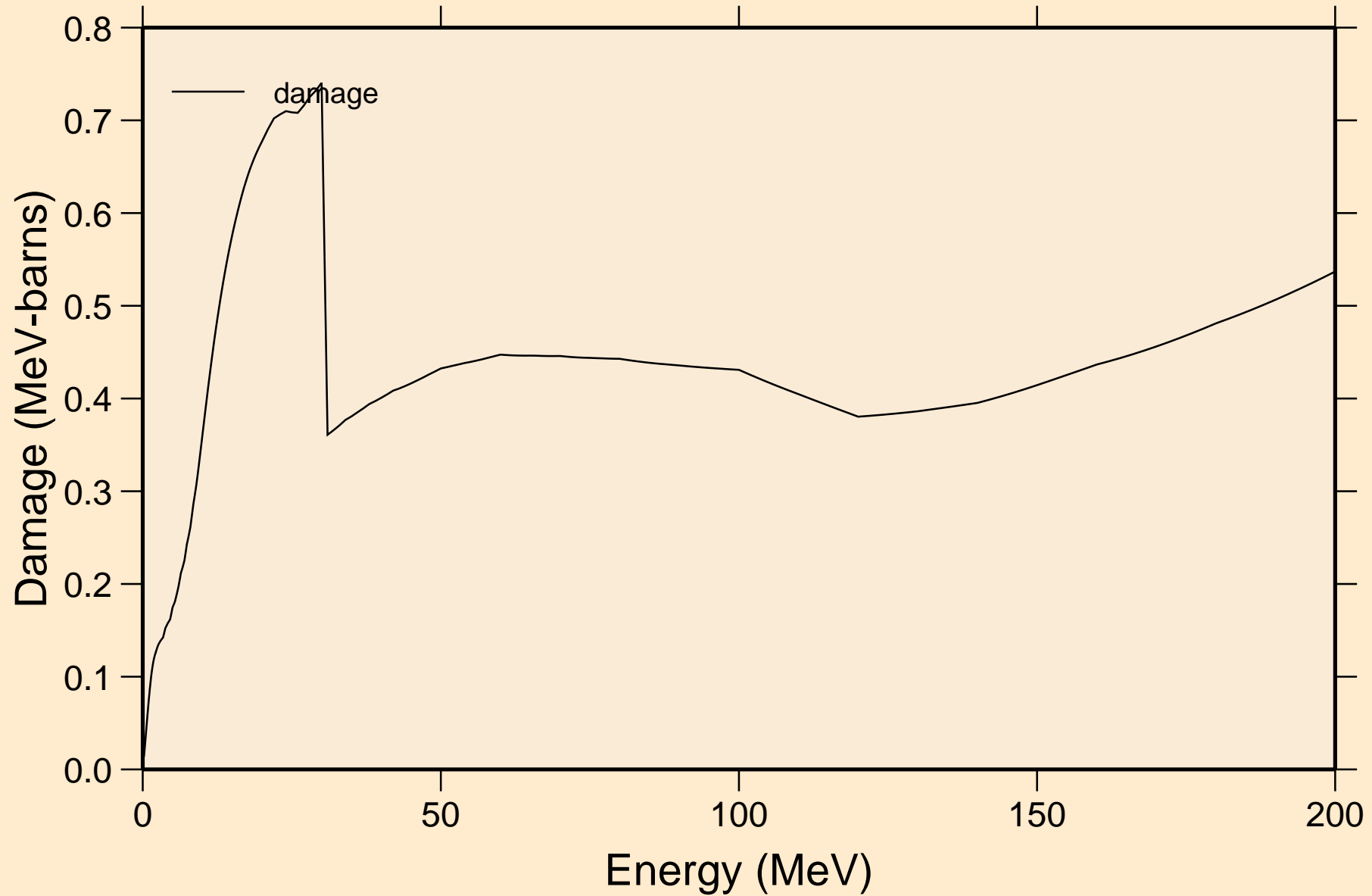


# TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

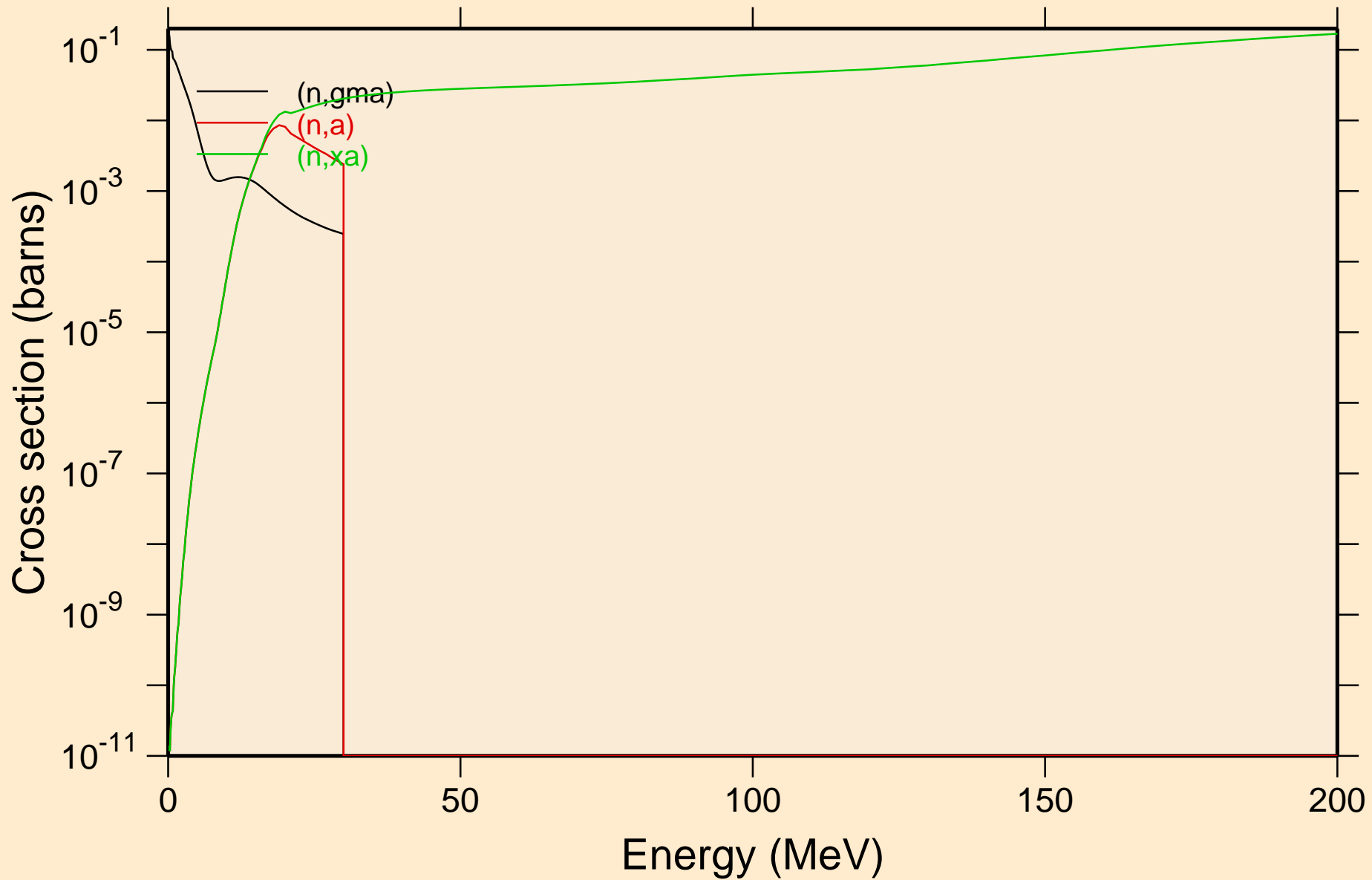
## Heating



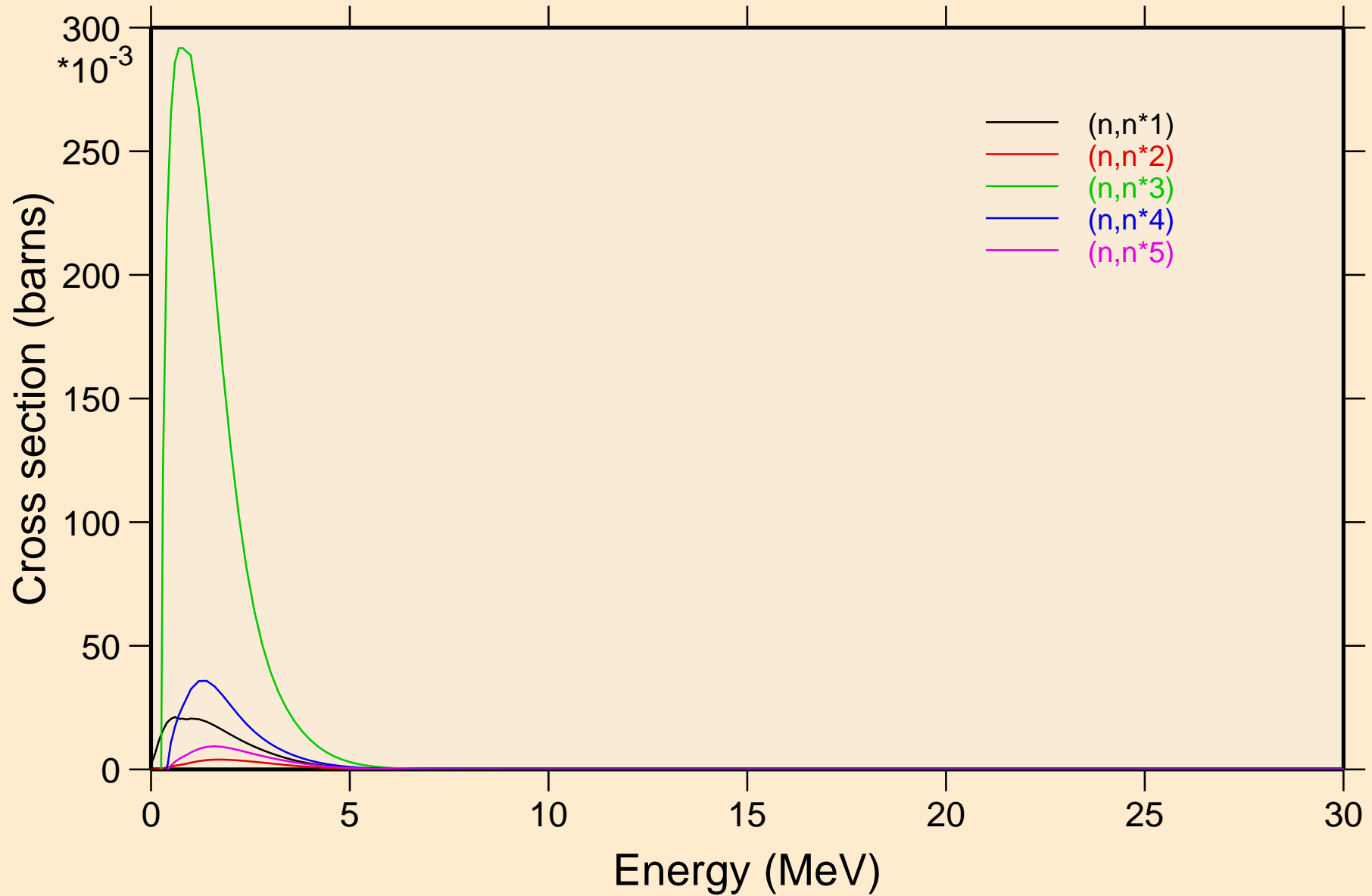
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



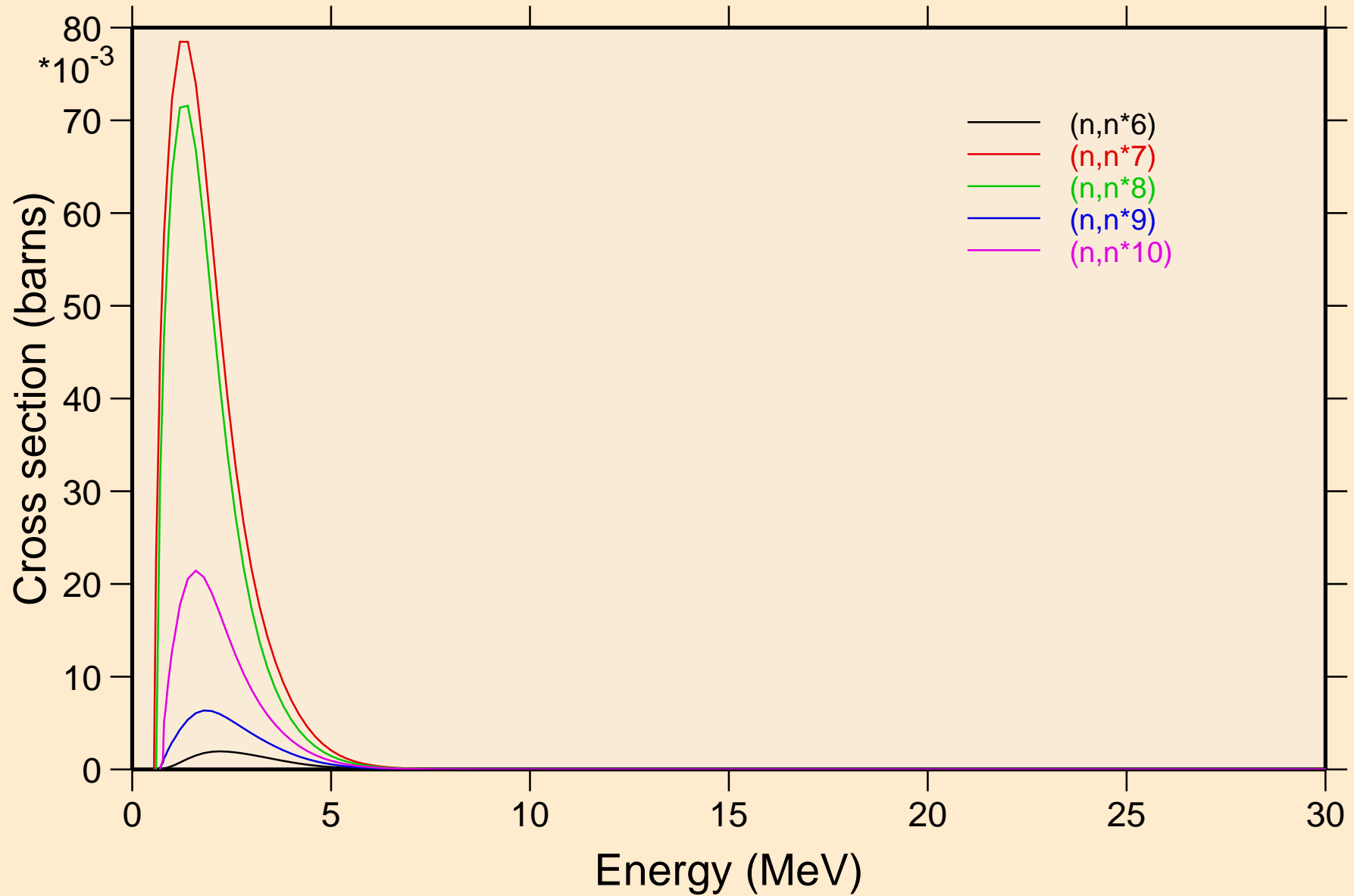
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

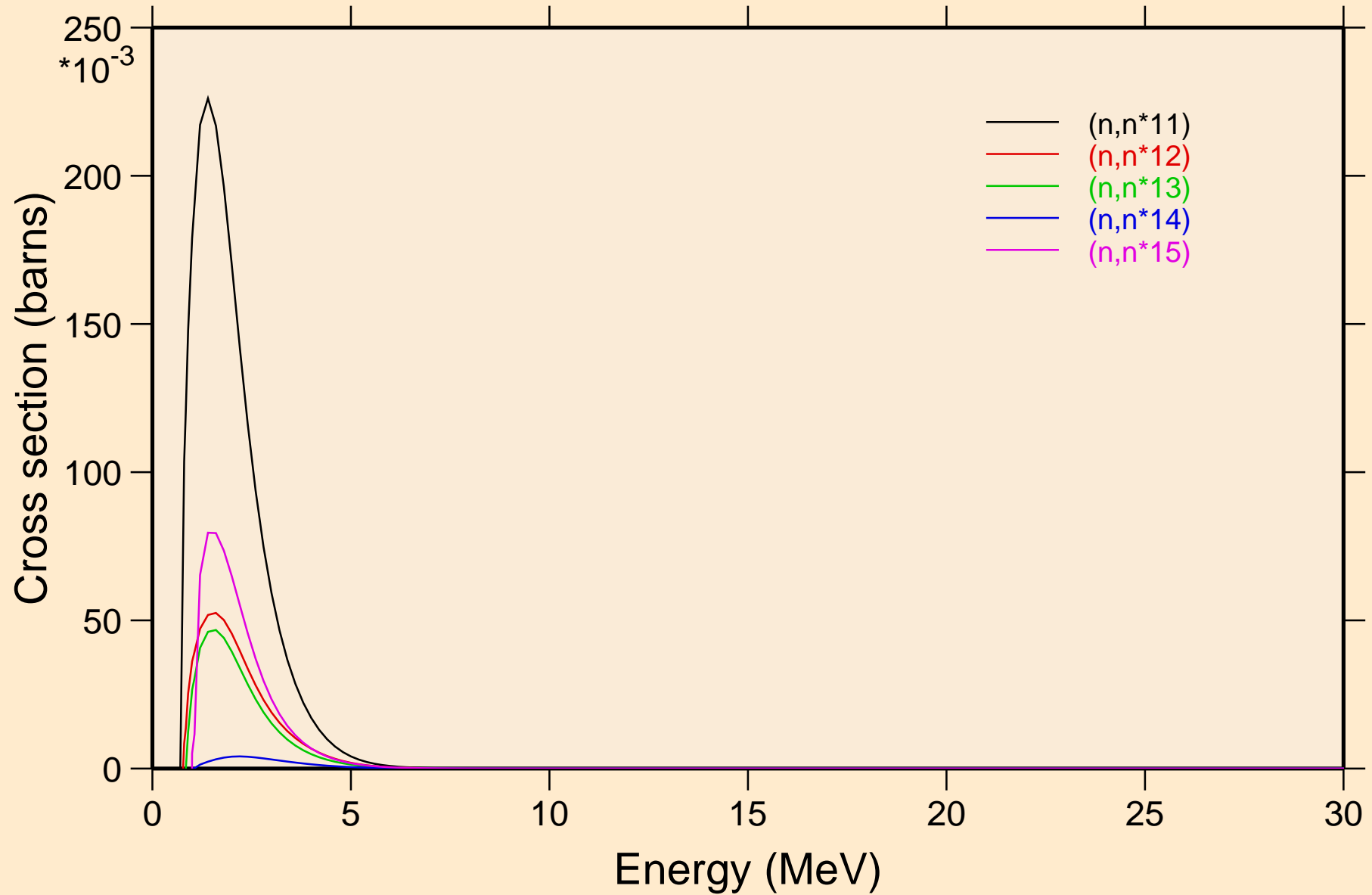


TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

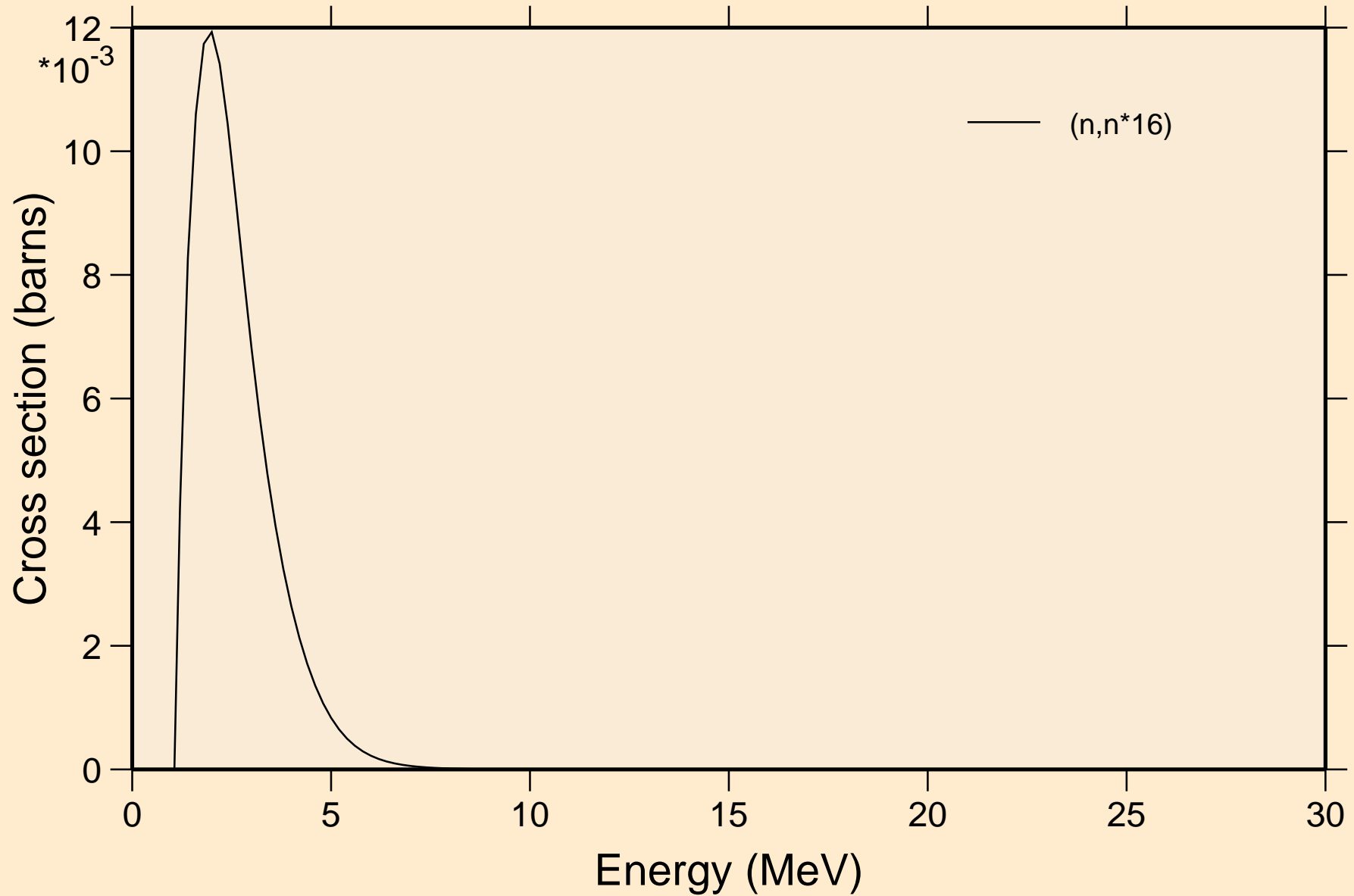




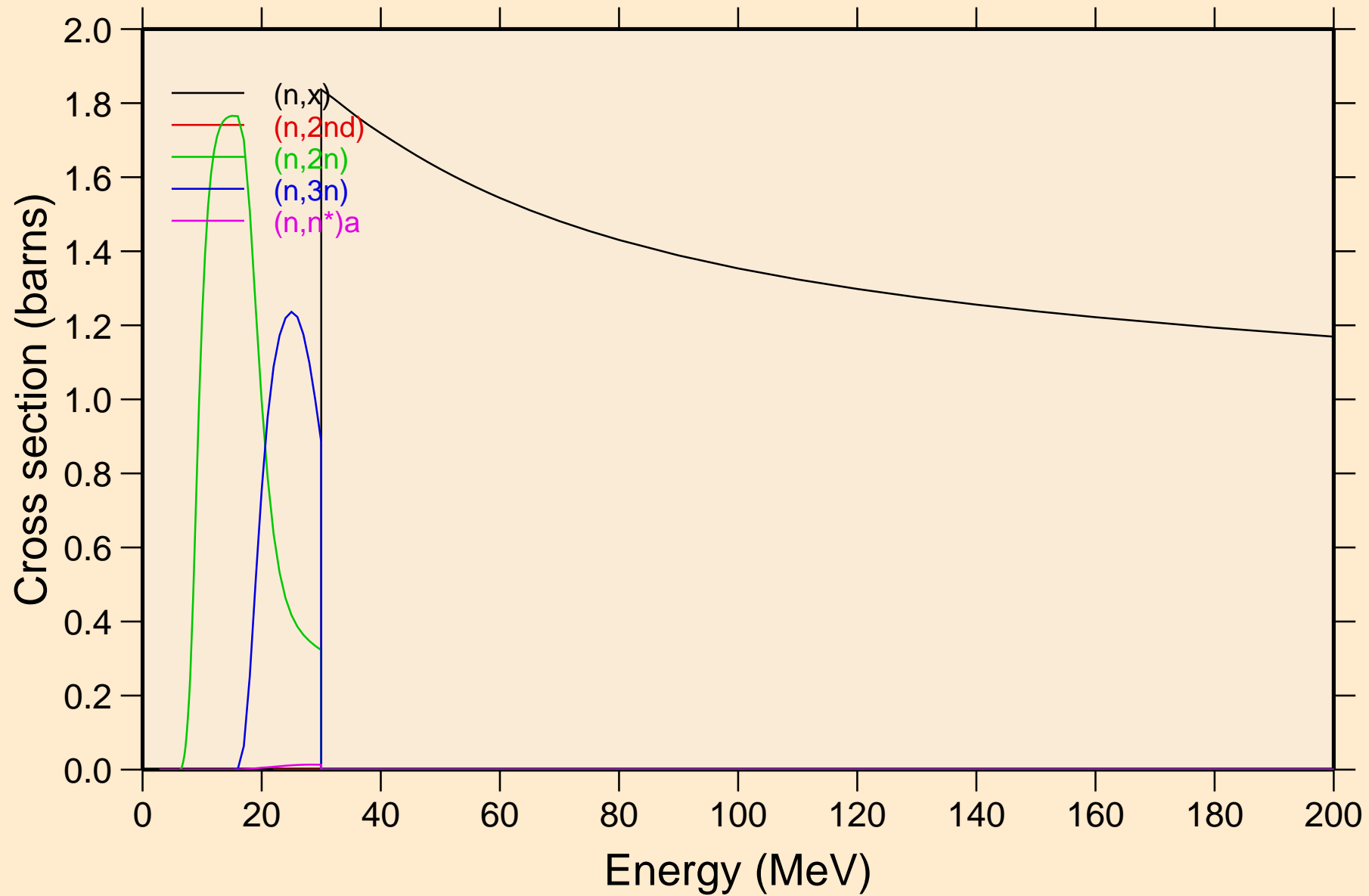
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



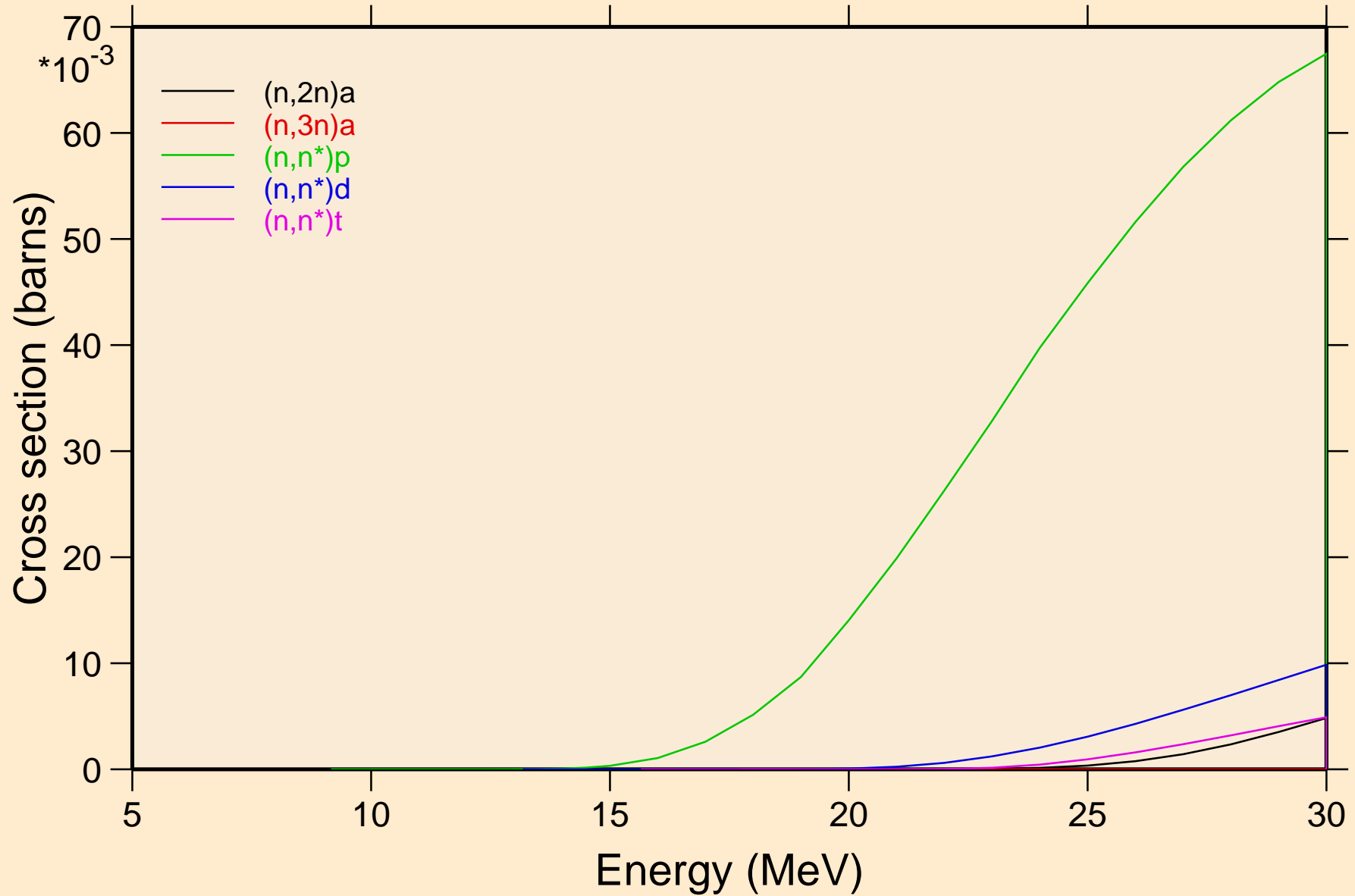
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

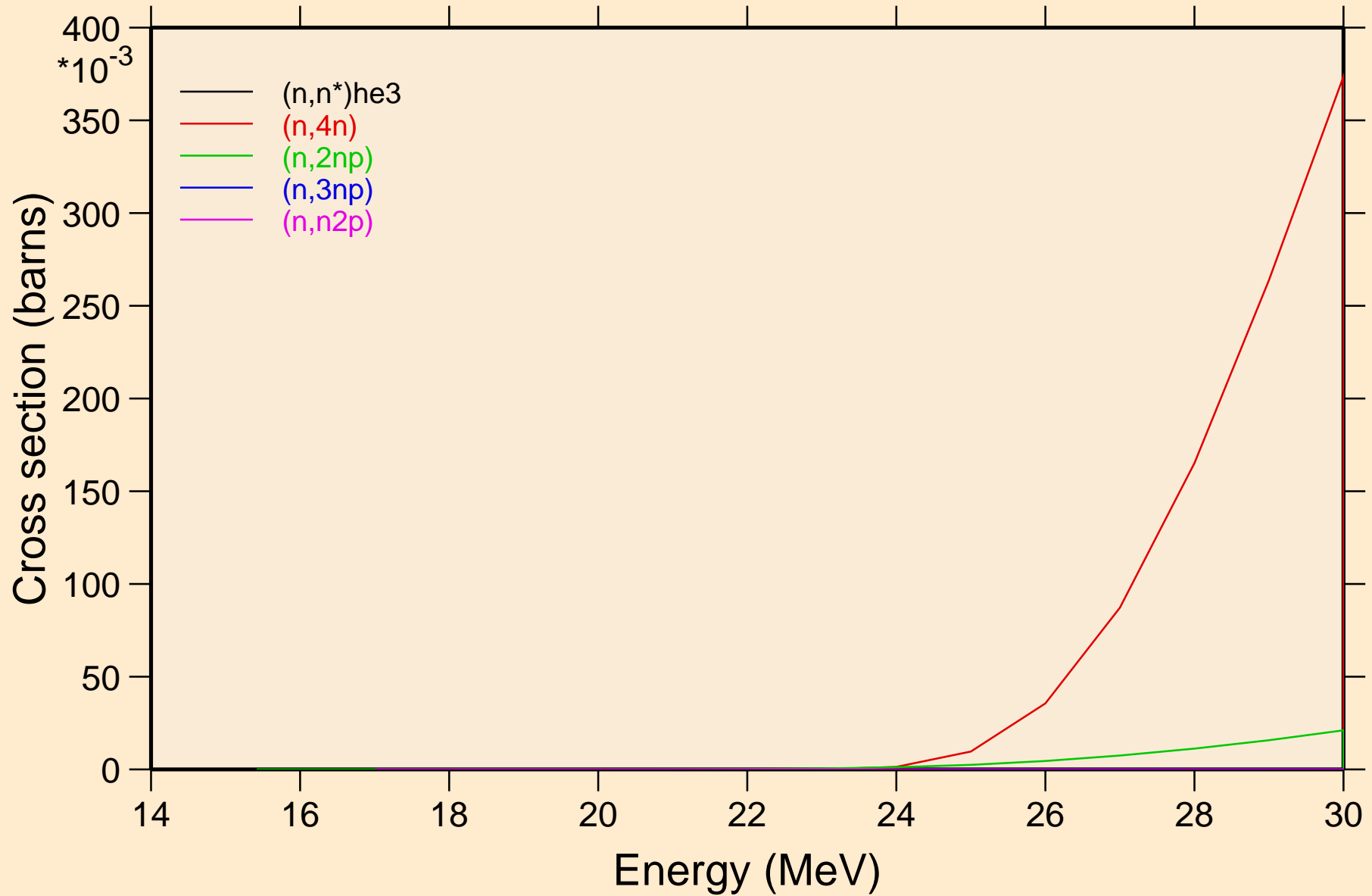


TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

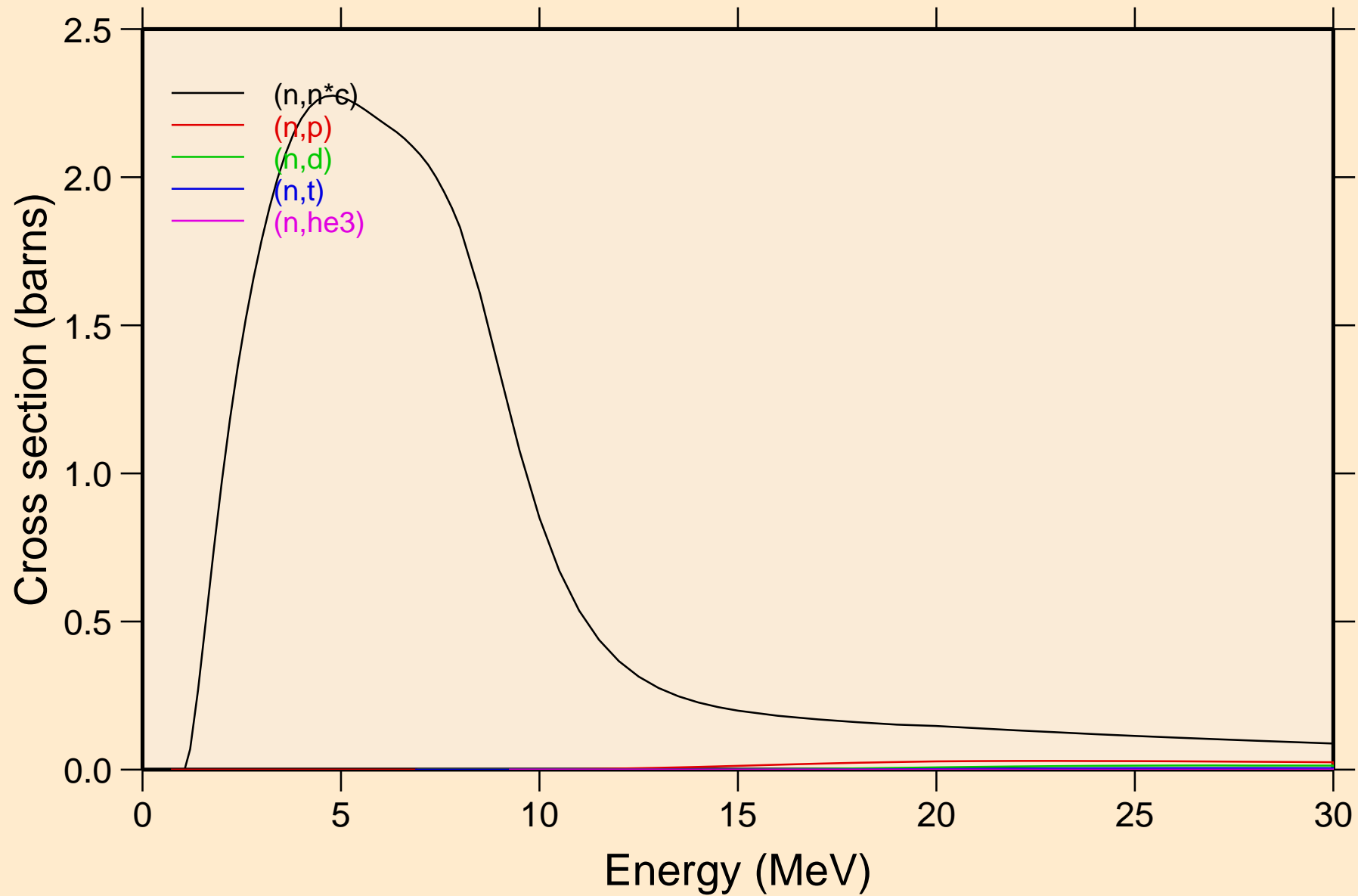


# TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

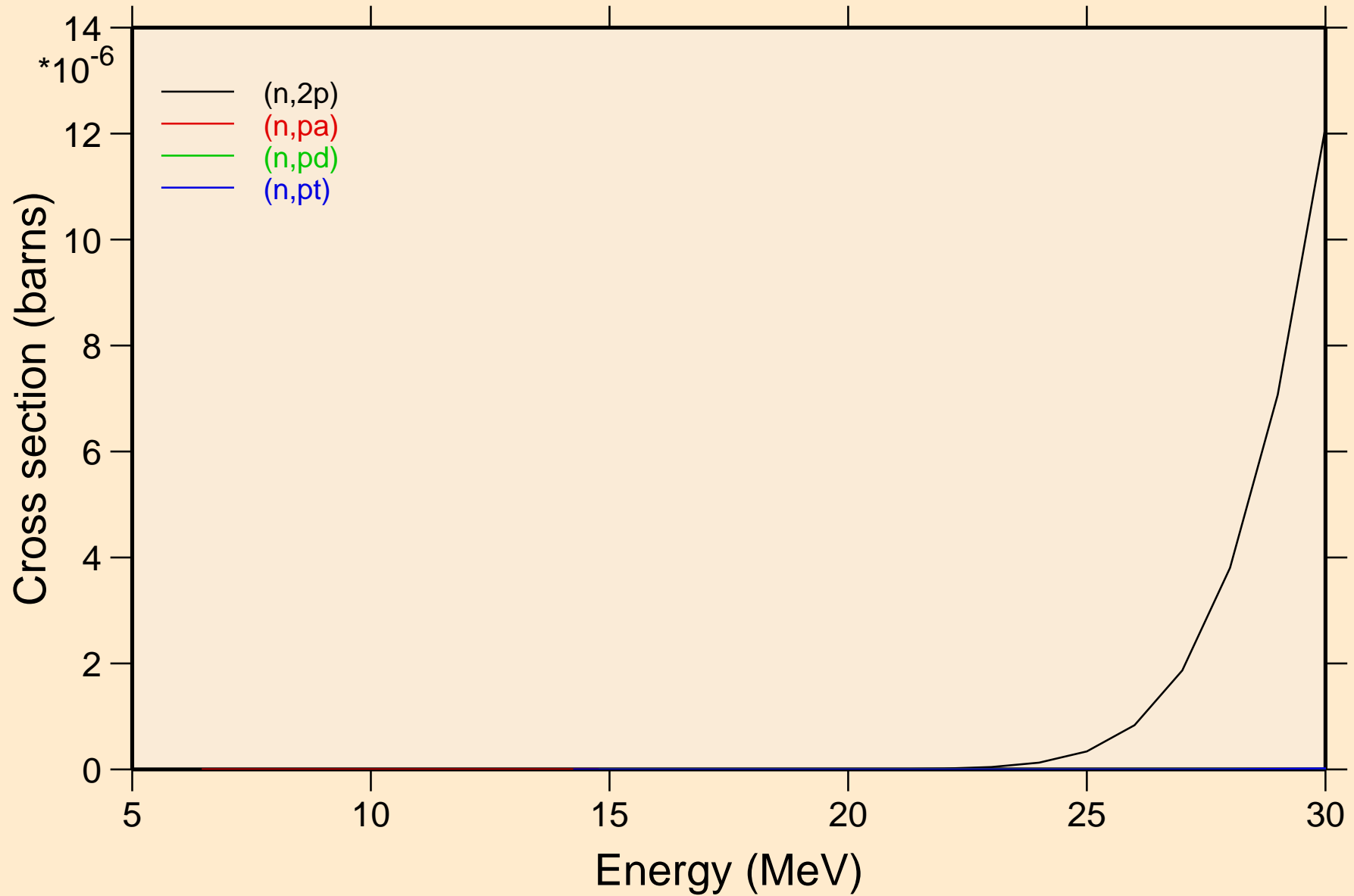
## Threshold reactions



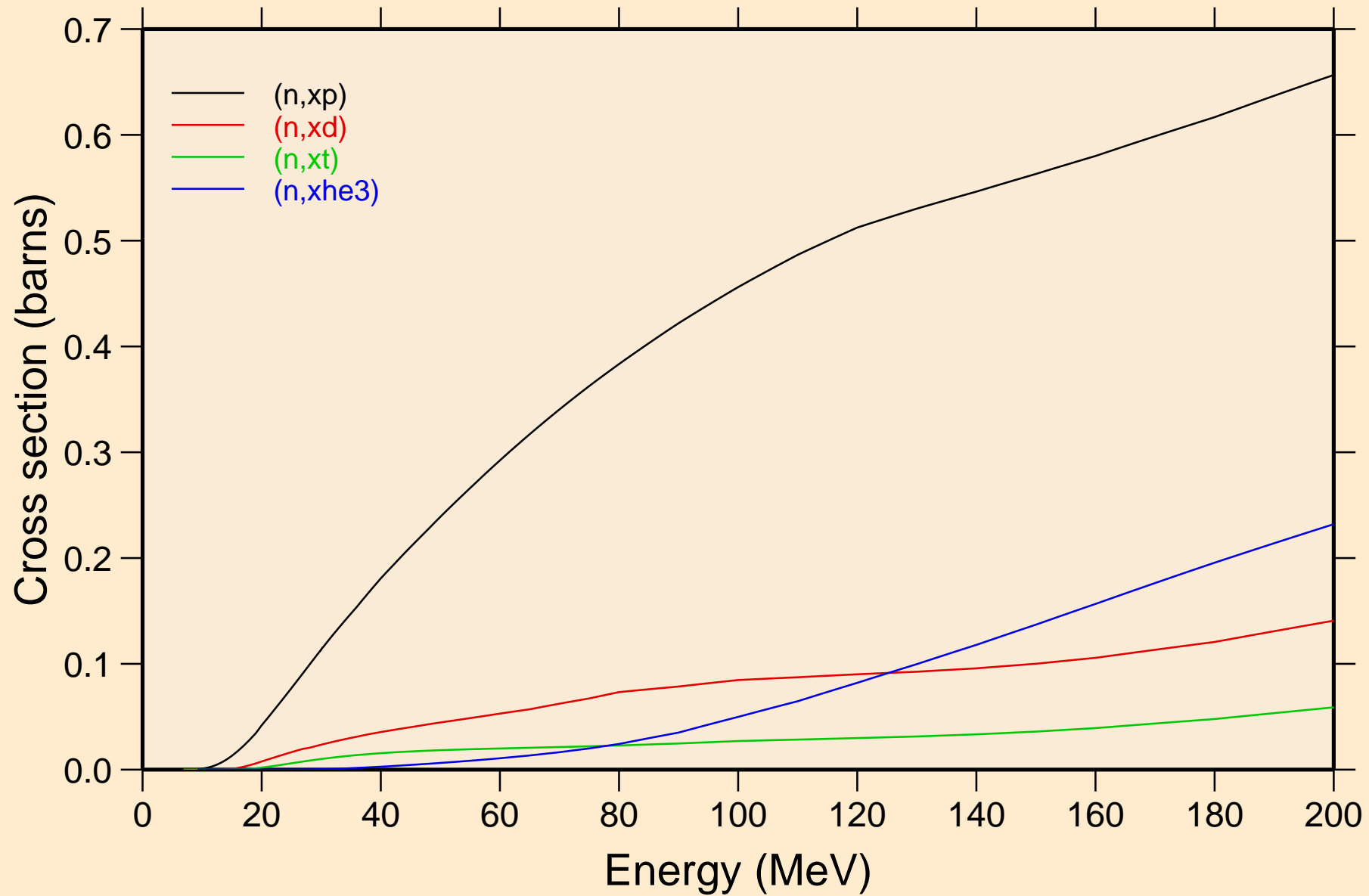
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

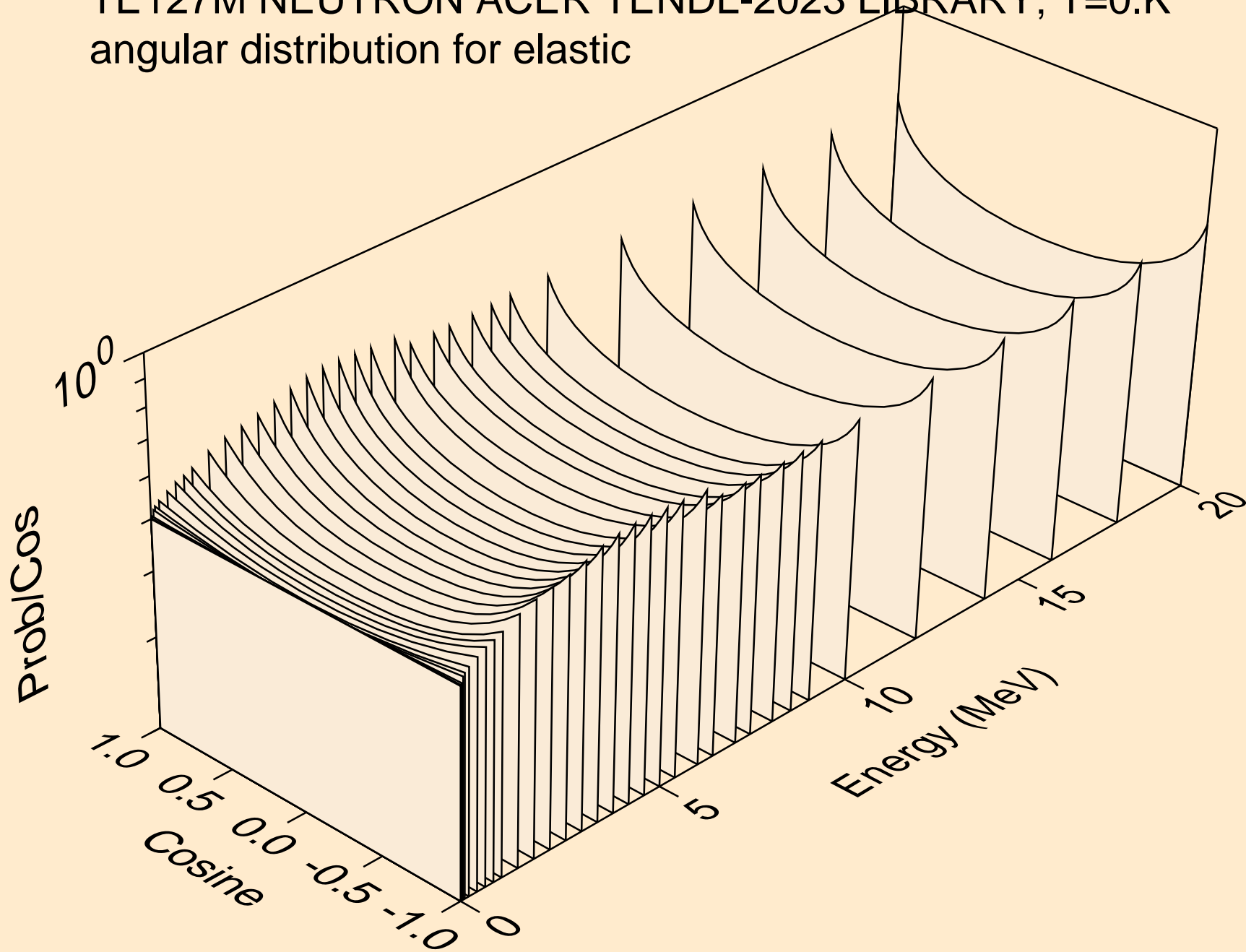


TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

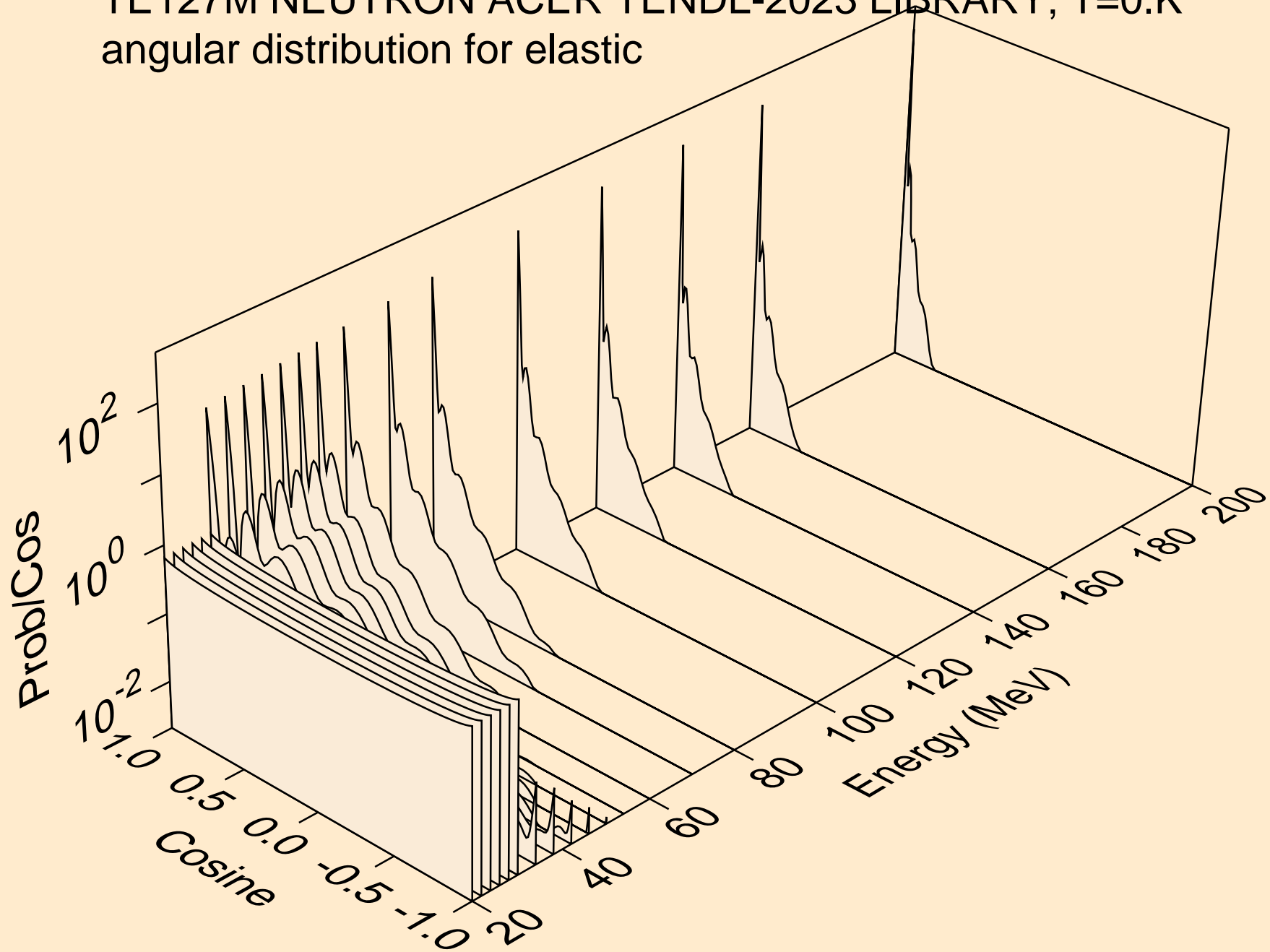




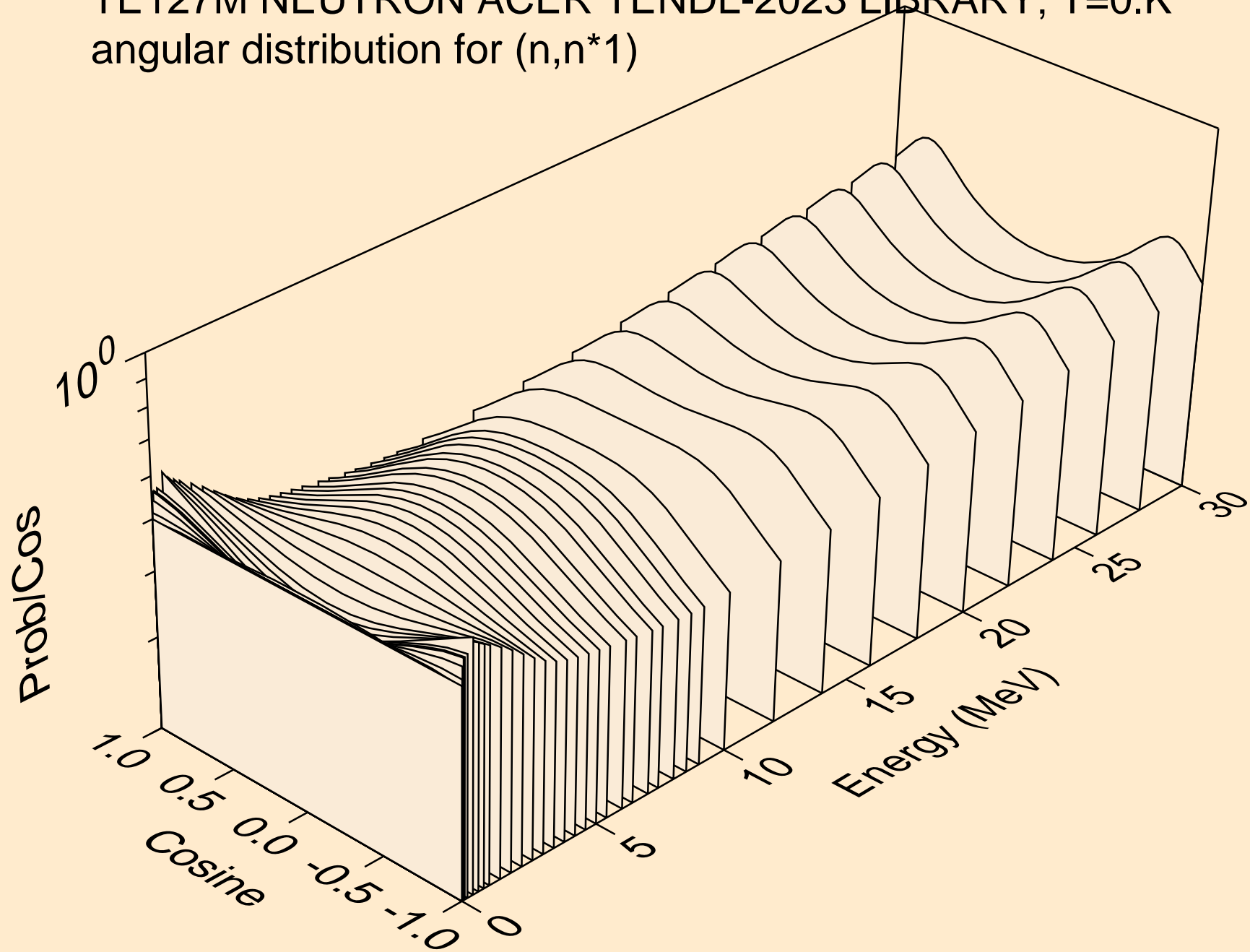
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angular distribution for elastic



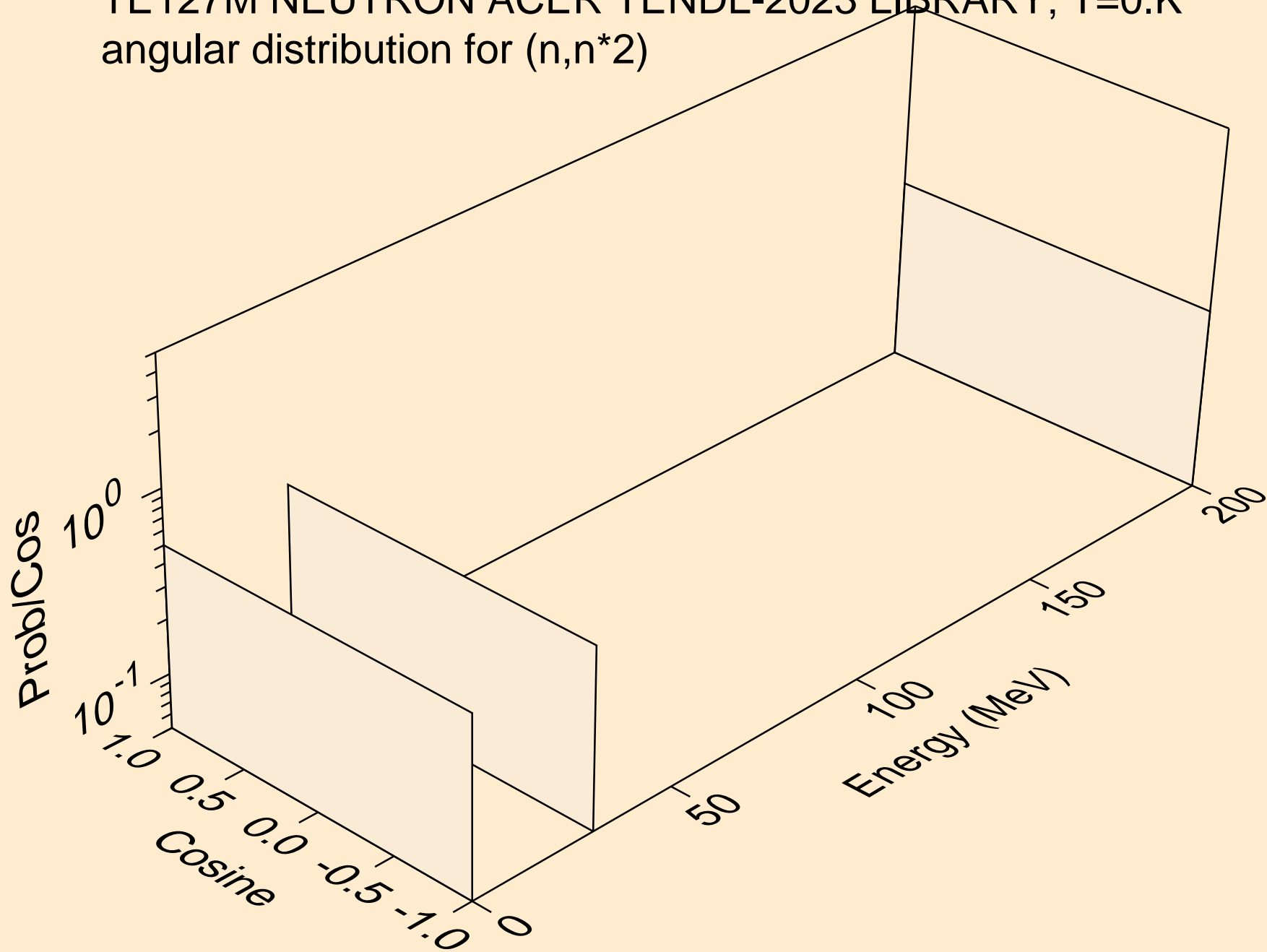
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angular distribution for elastic



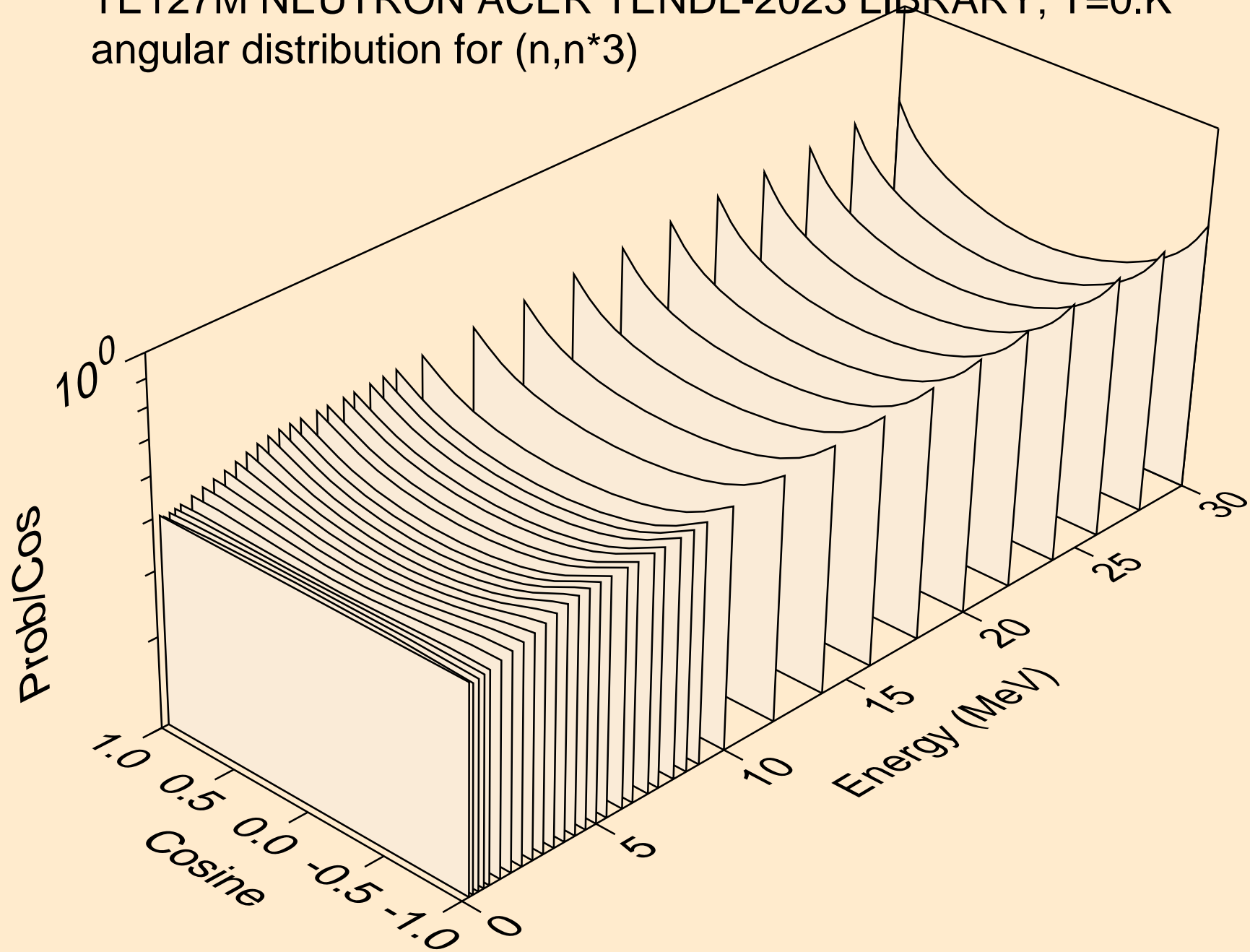
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angular distribution for (n,n\*1)



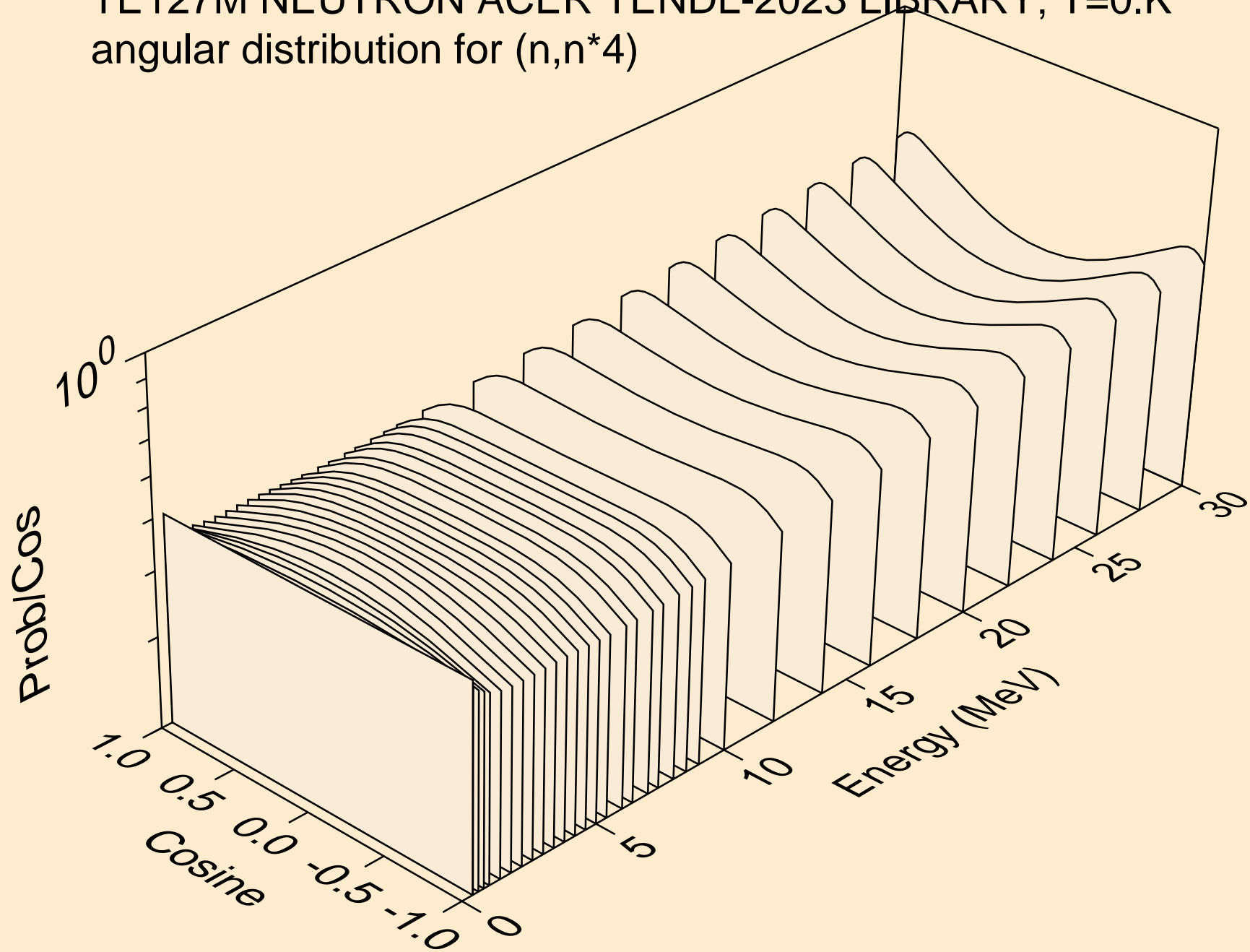
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angular distribution for (n,n\*2)



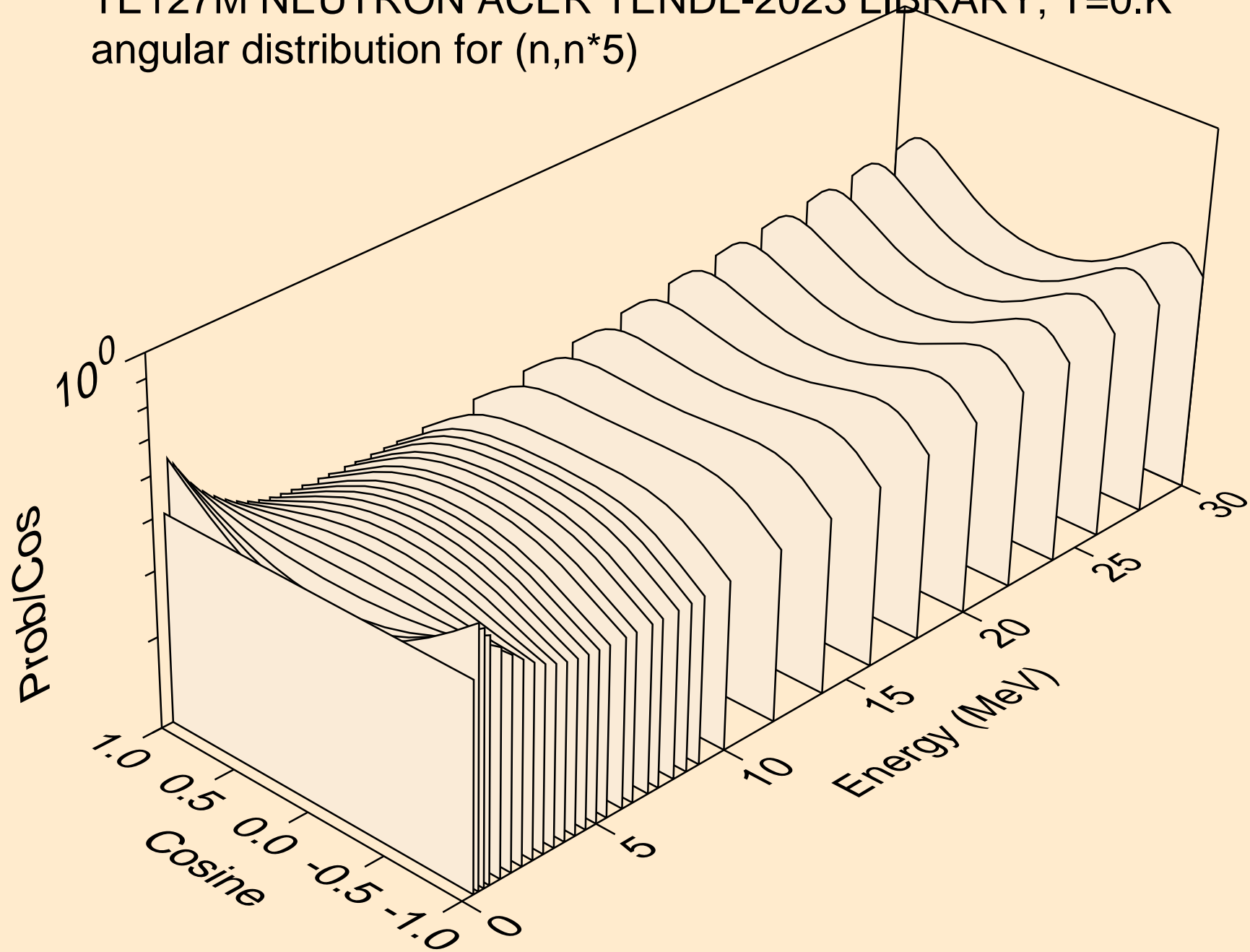
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angular distribution for (n,n\*3)



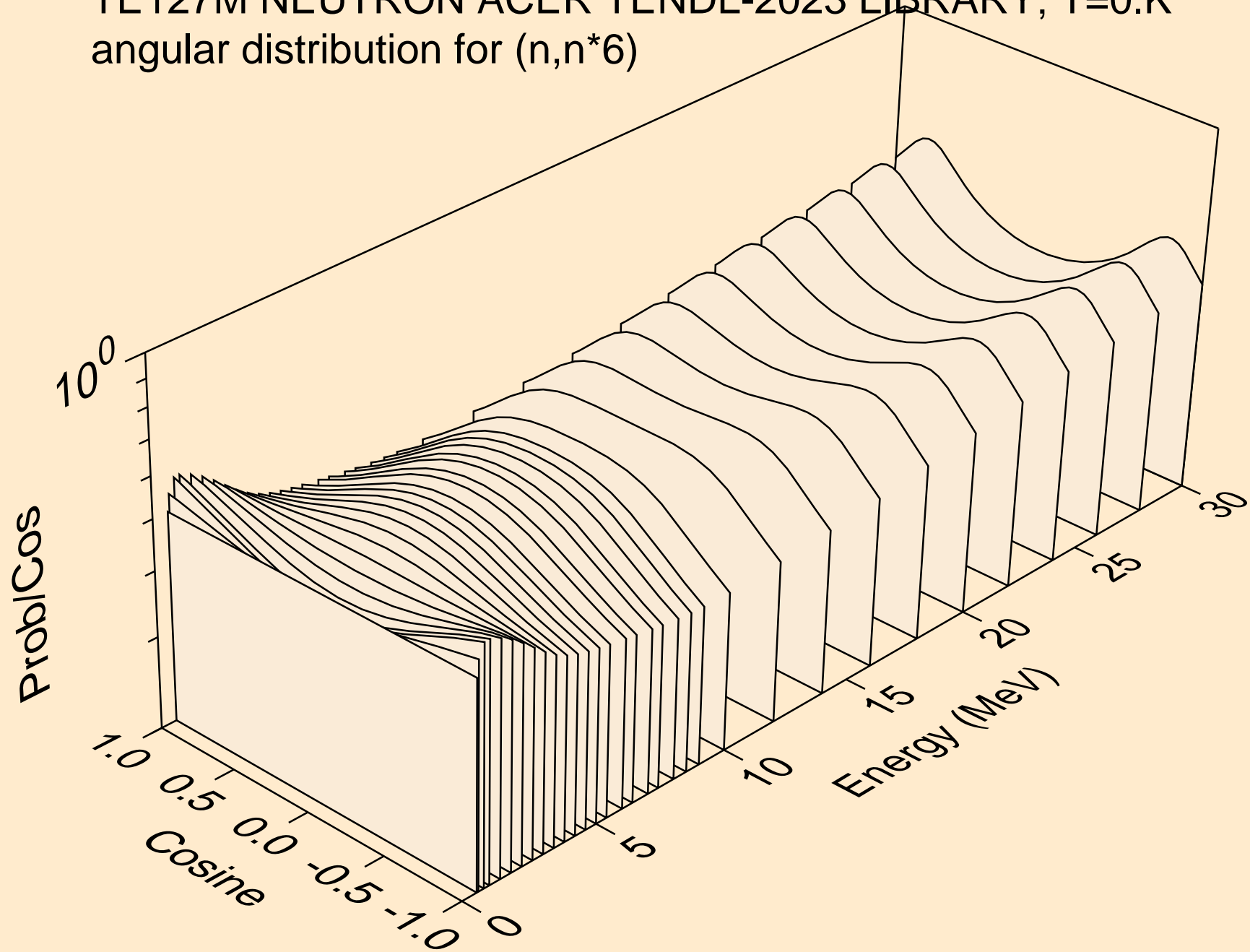
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

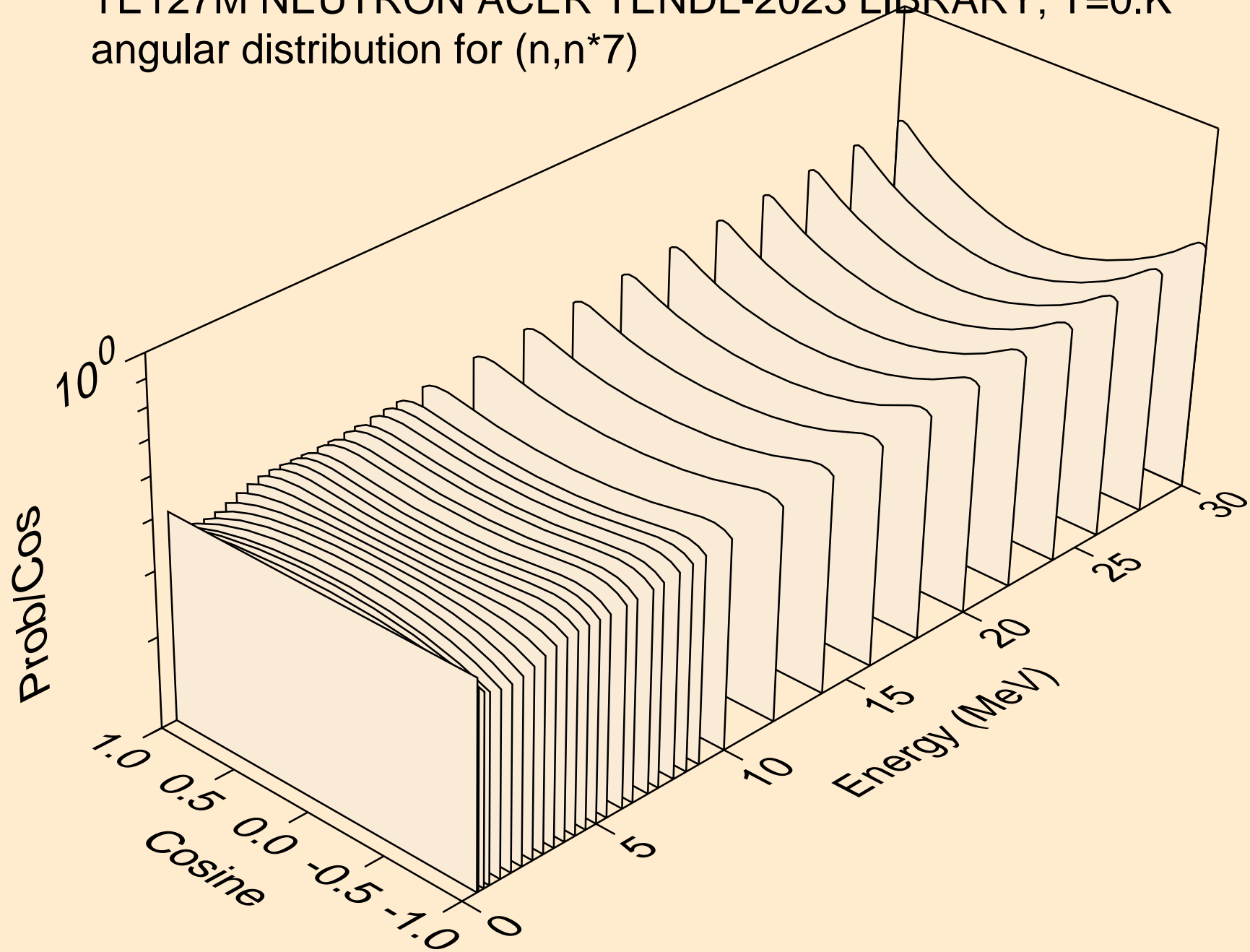


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angular distribution for (n,n\*6)

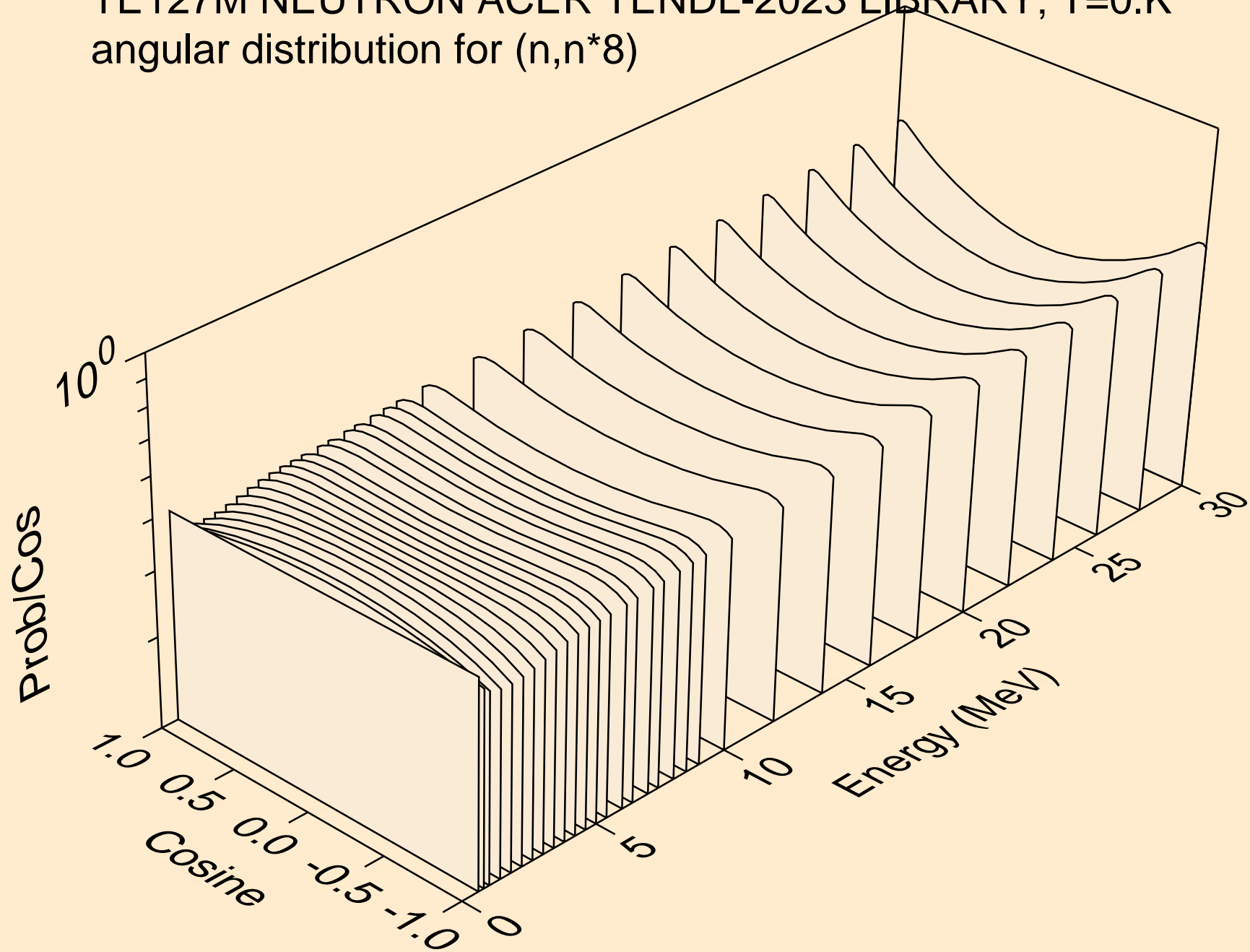




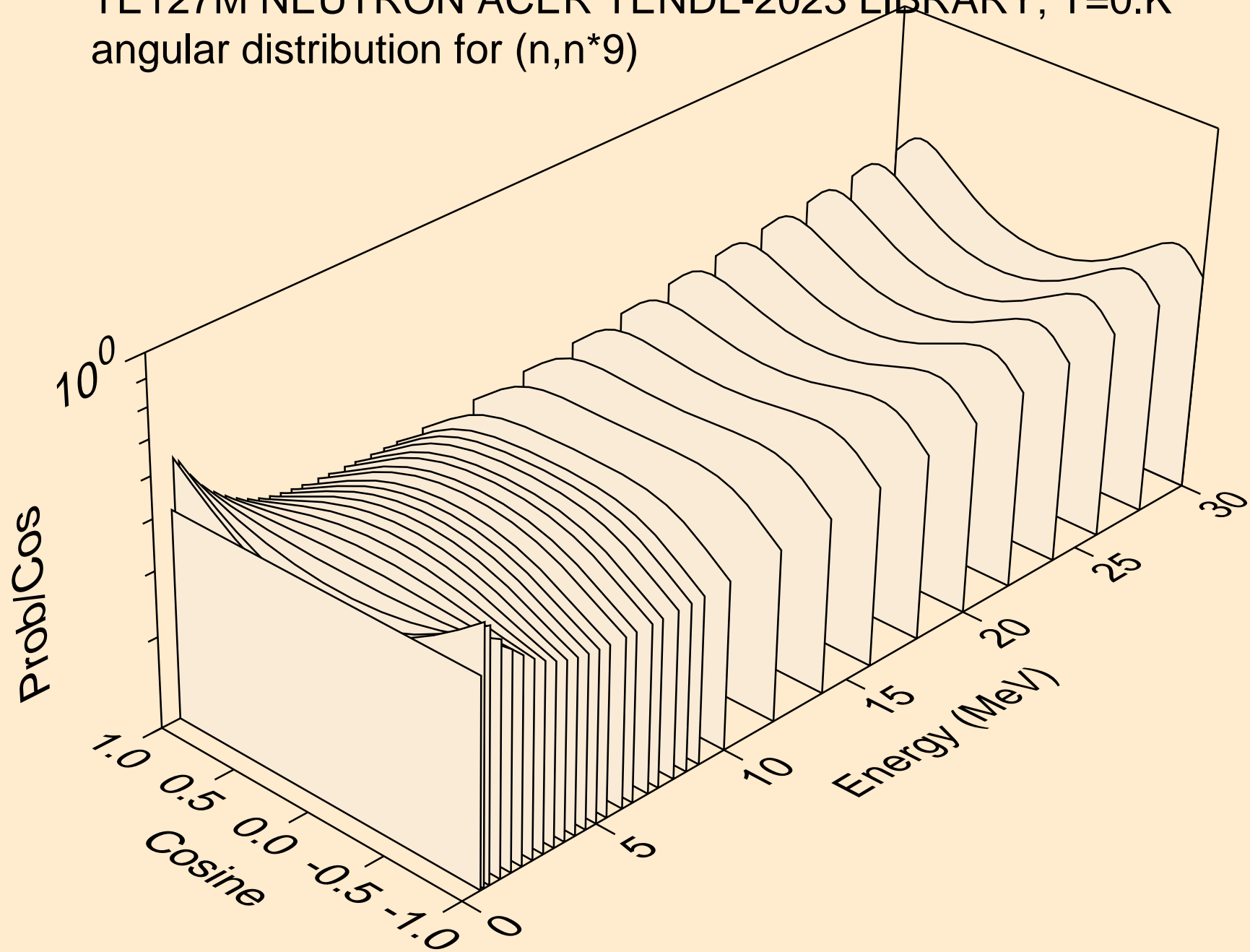
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angular distribution for (n,n\*7)



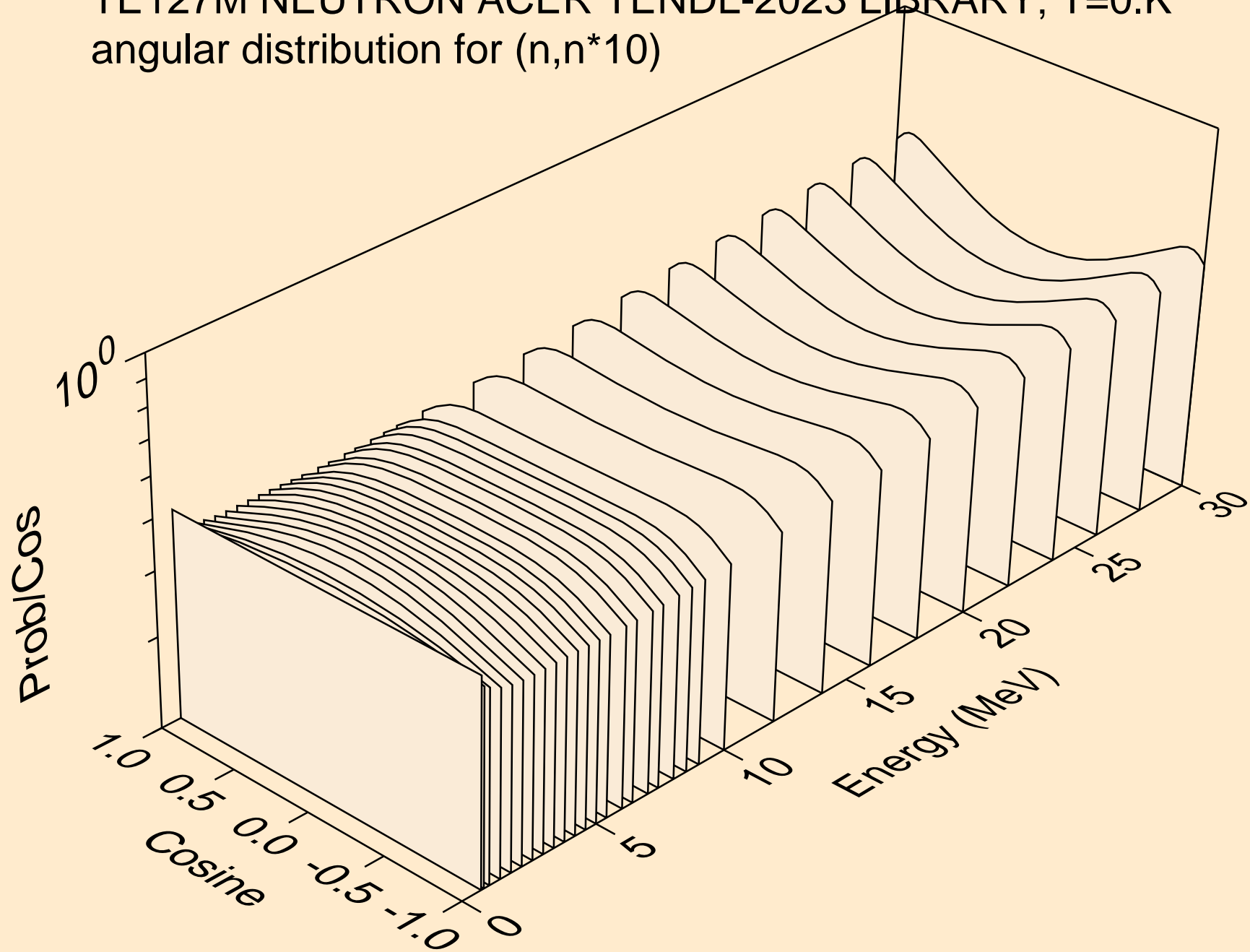
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angular distribution for (n,n\*8)



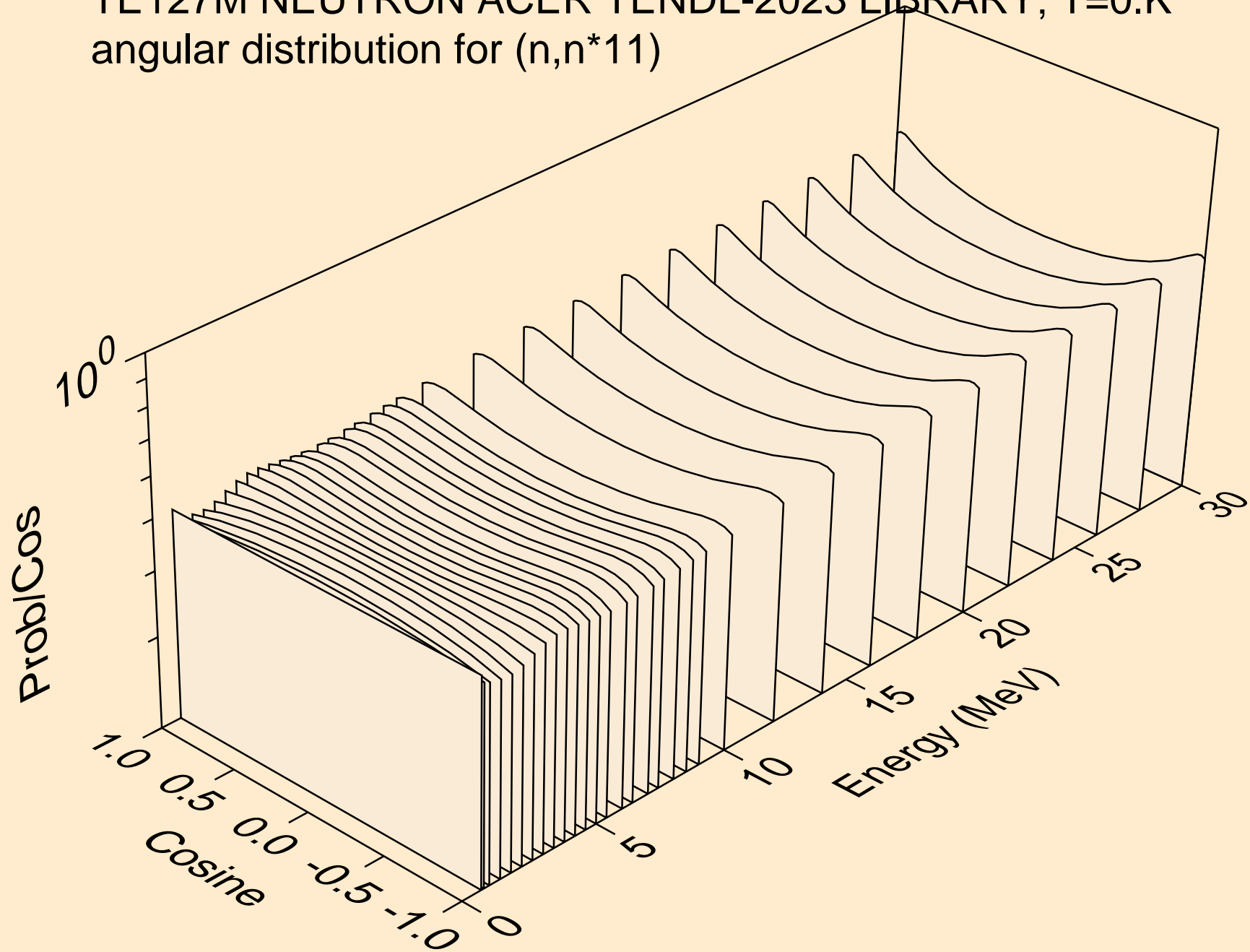
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angular distribution for (n,n\*9)



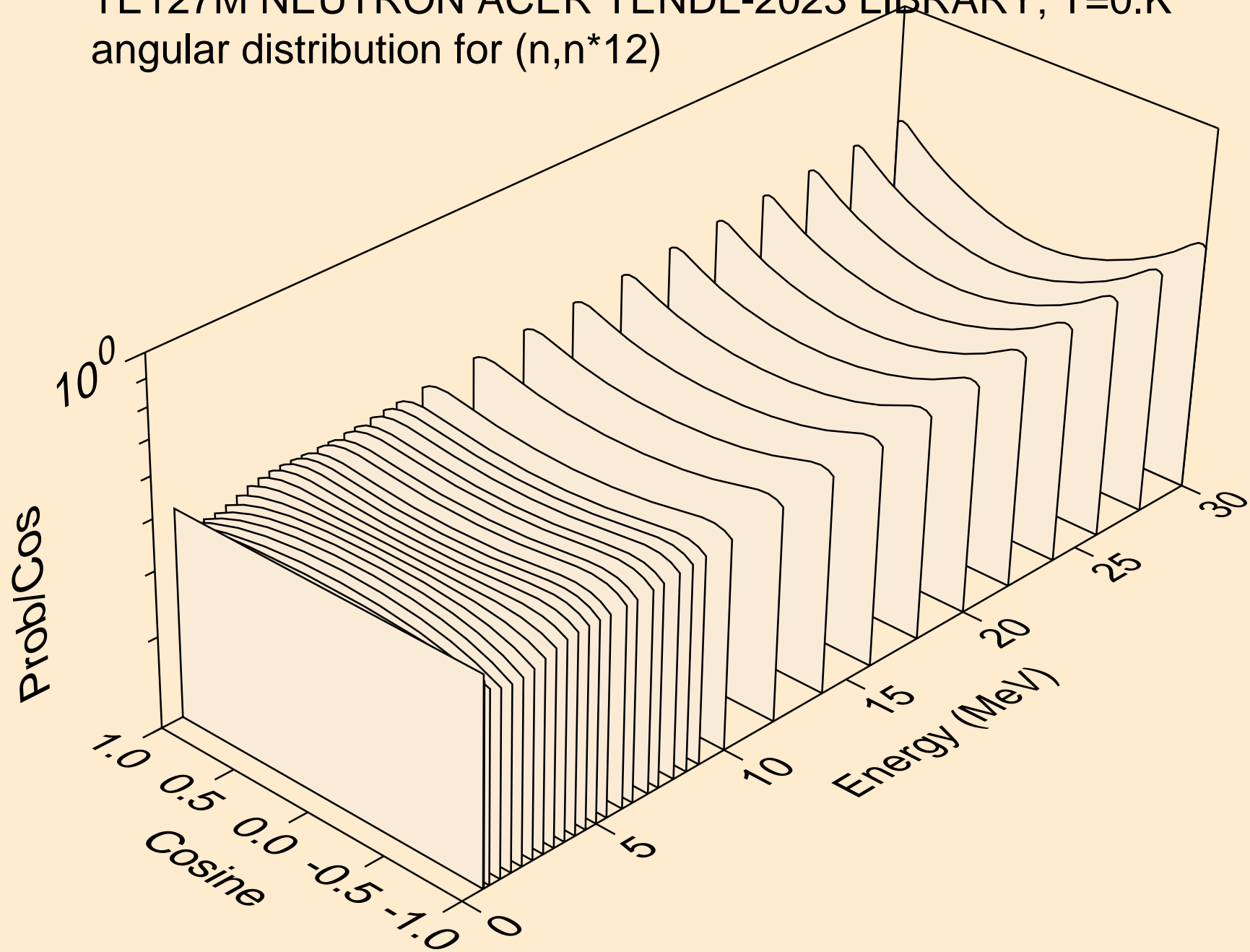
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angular distribution for (n,n\*10)



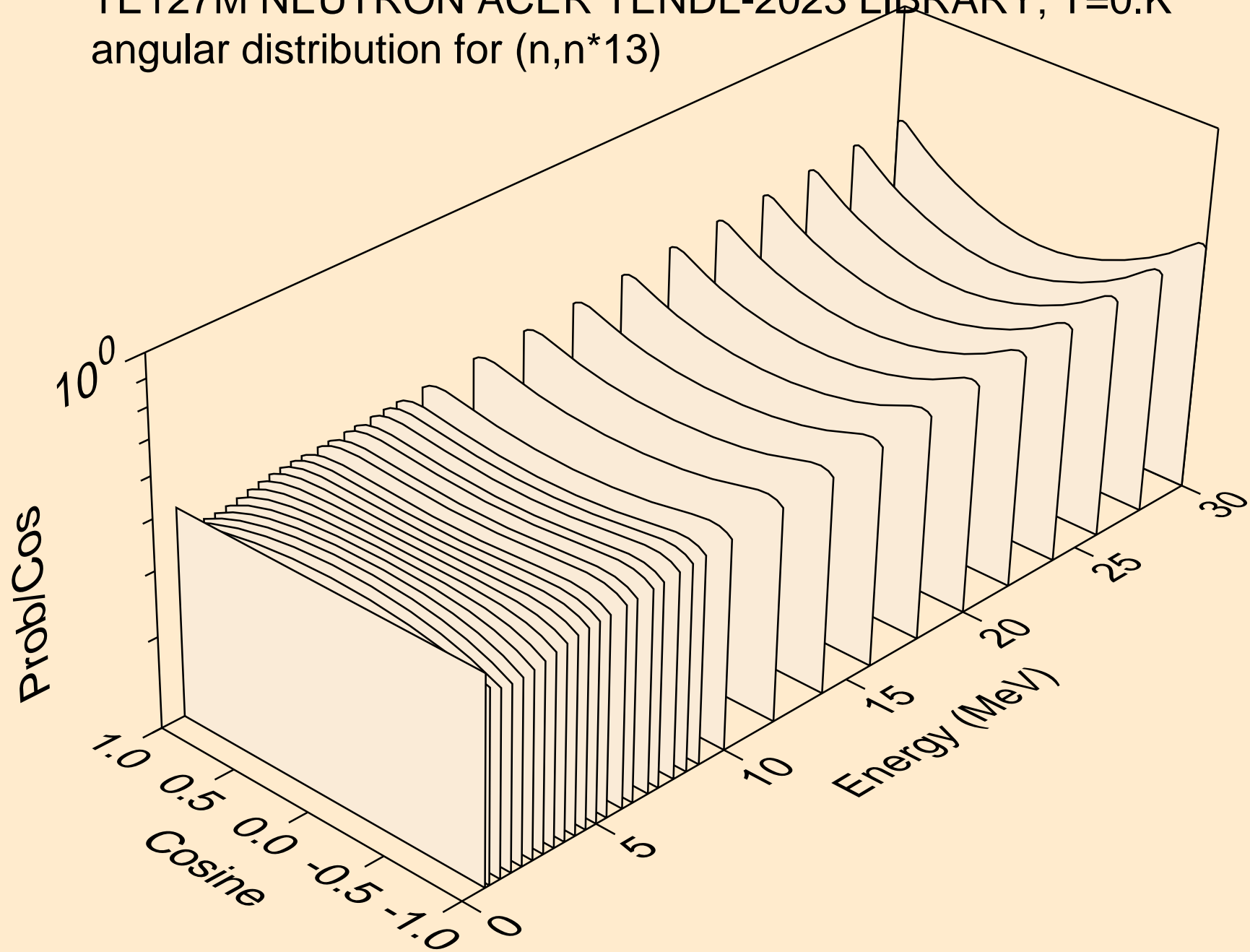
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angular distribution for (n,n\*11)



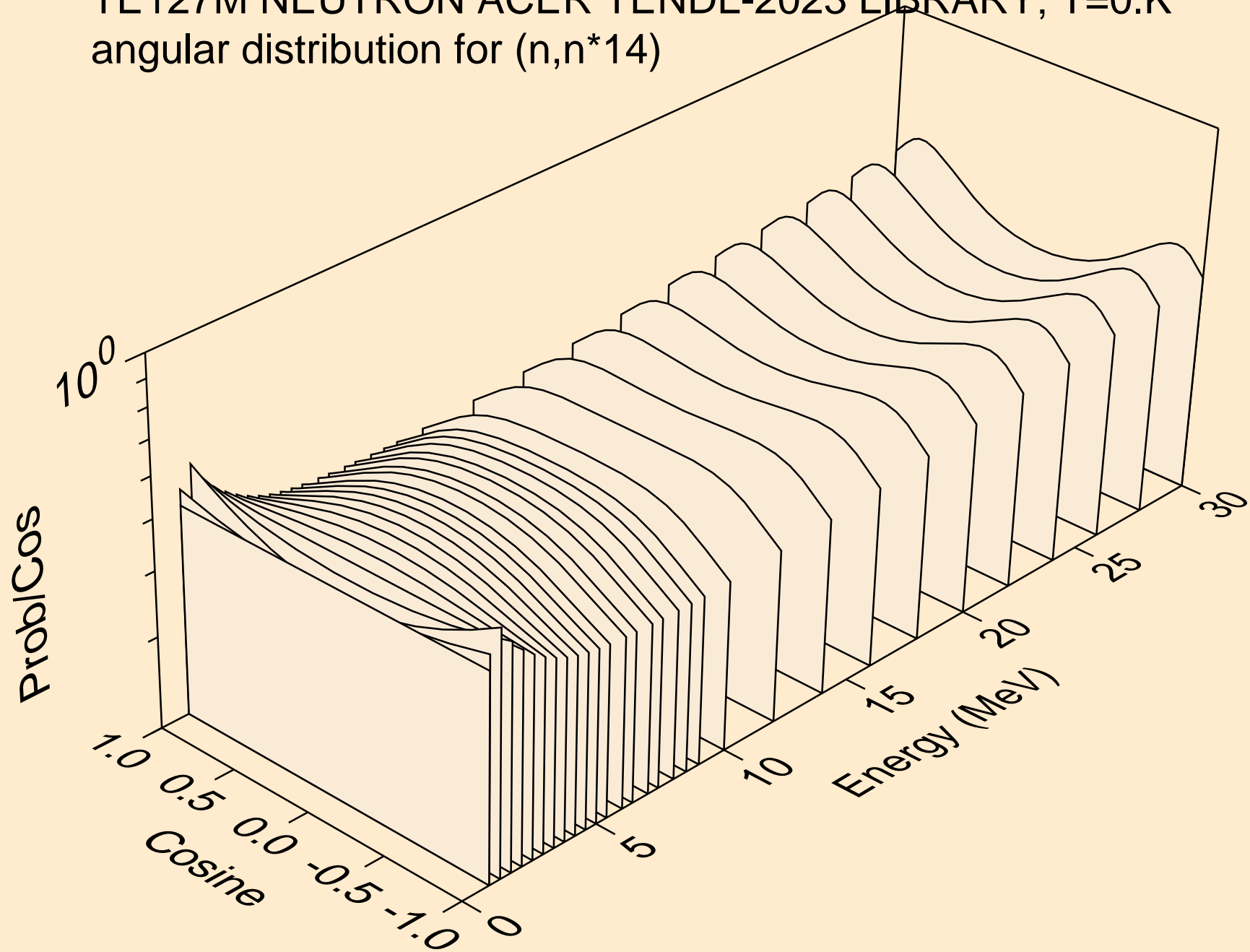
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

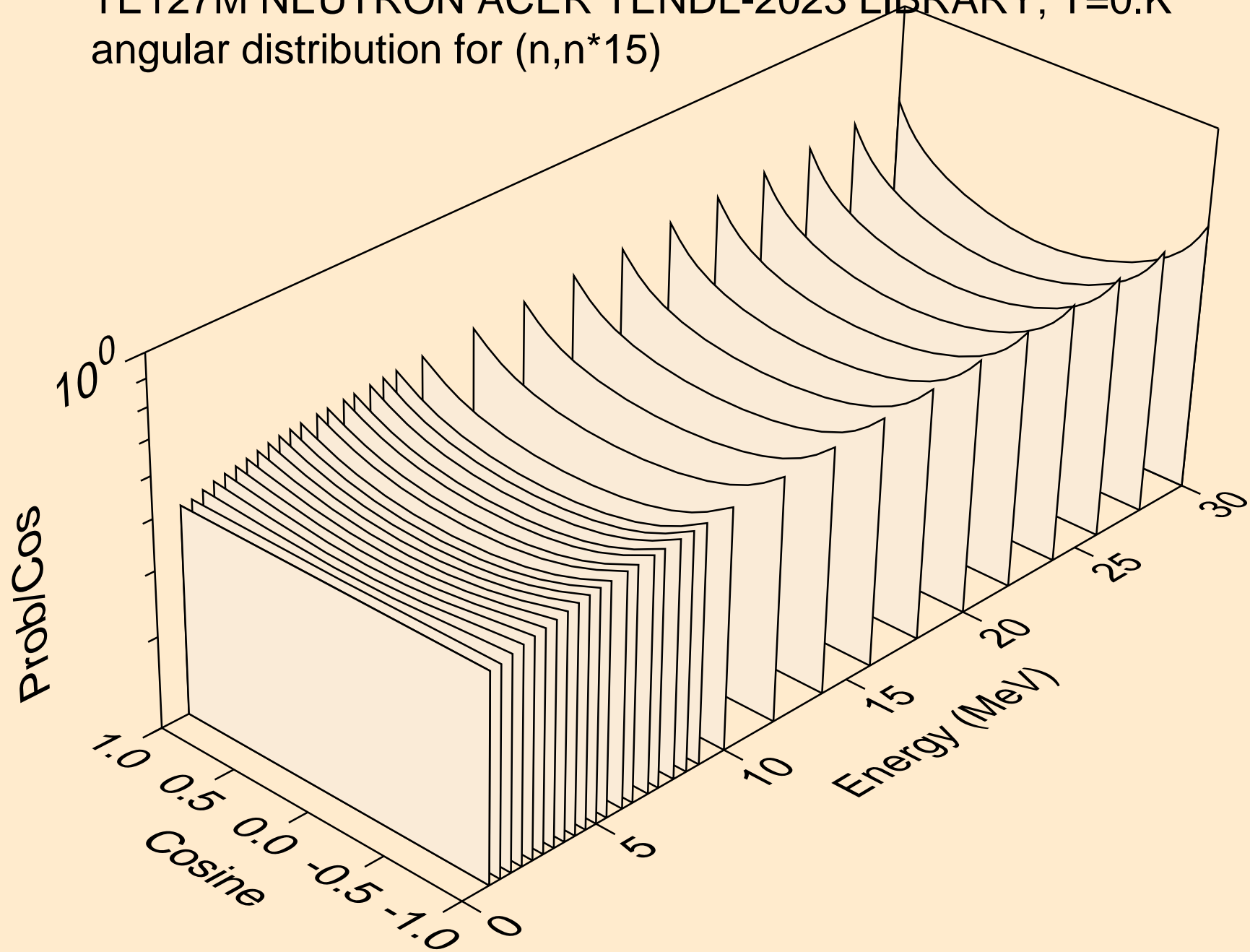


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angular distribution for (n,n\*14)

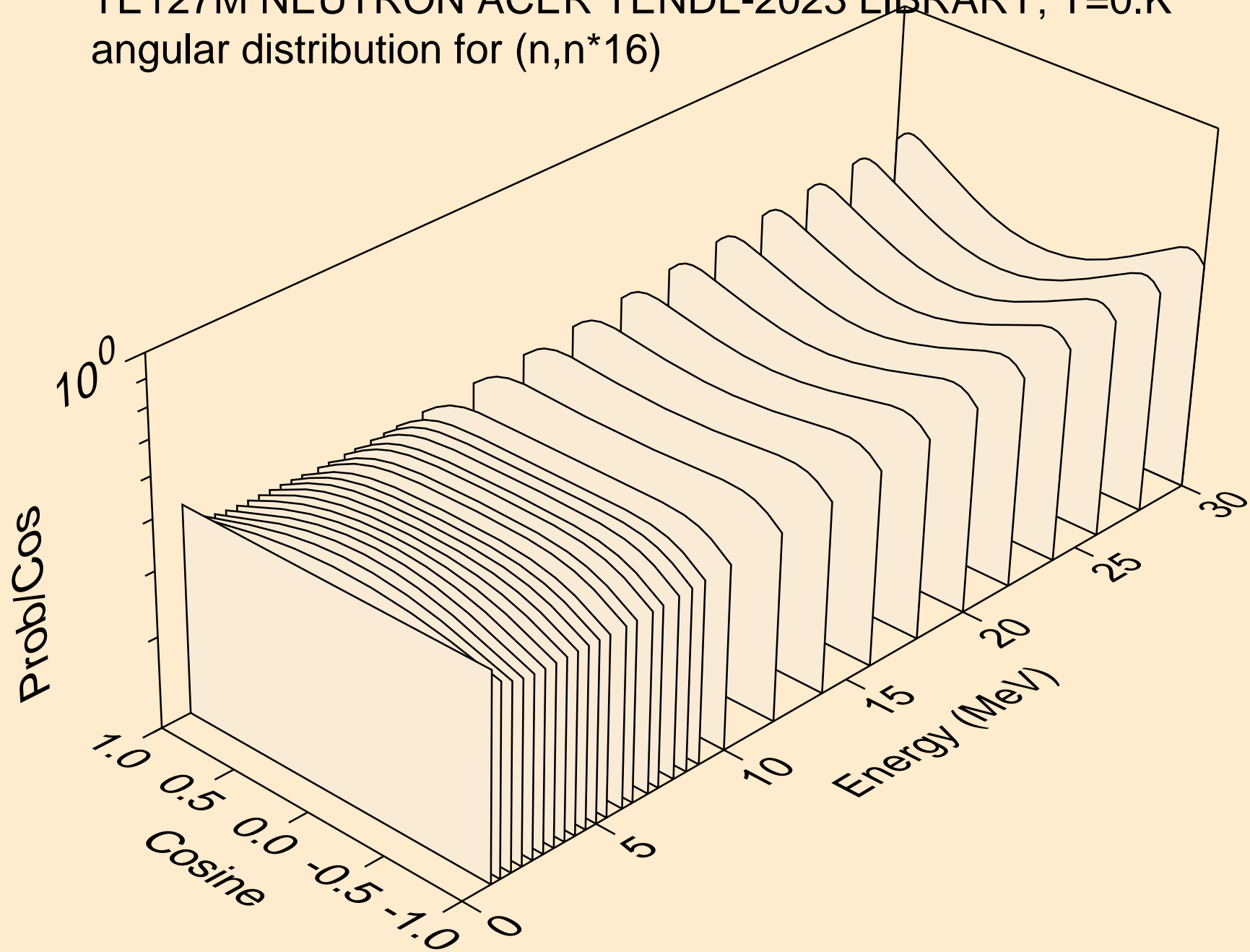




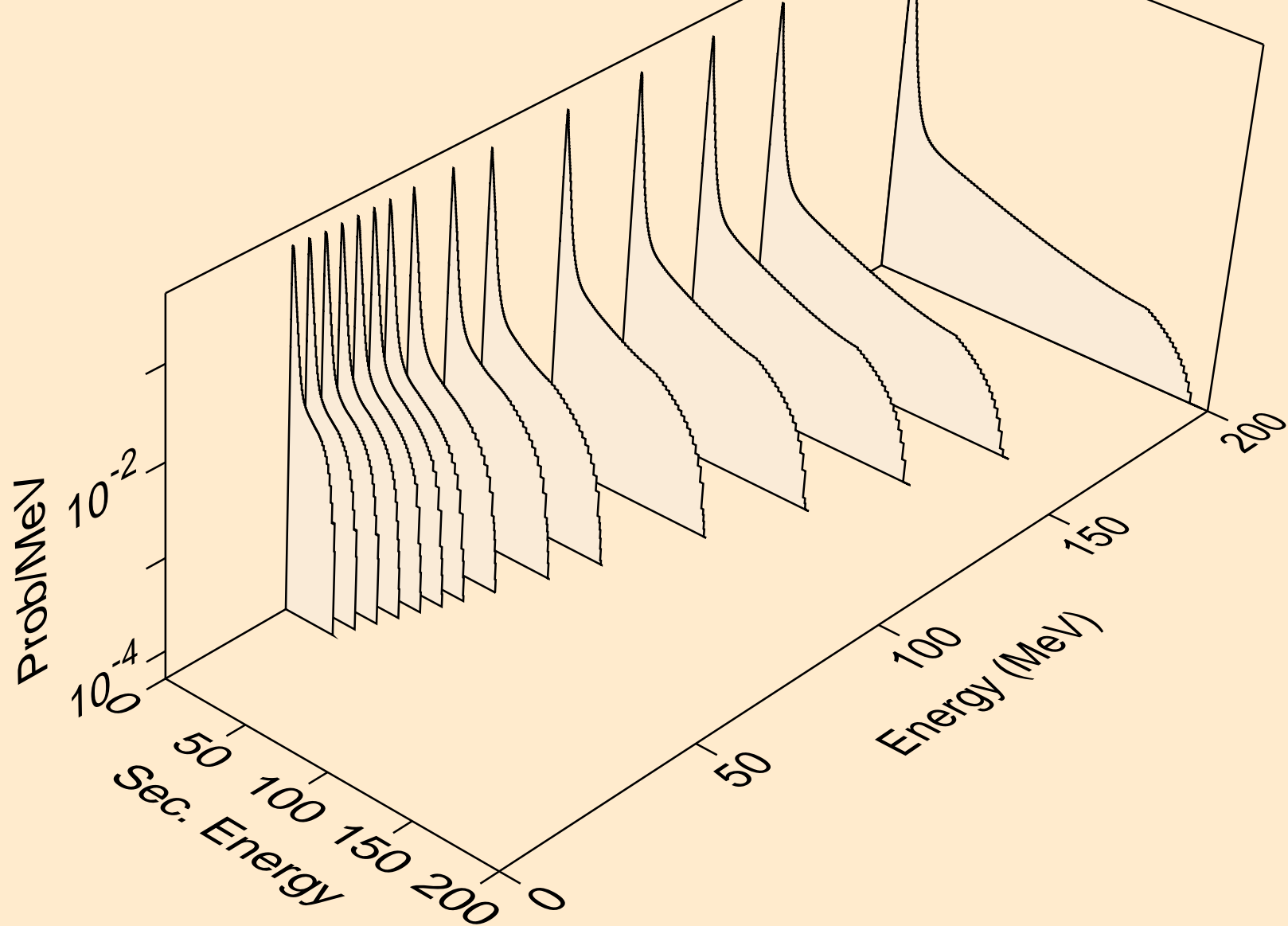
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angular distribution for (n,n\*15)



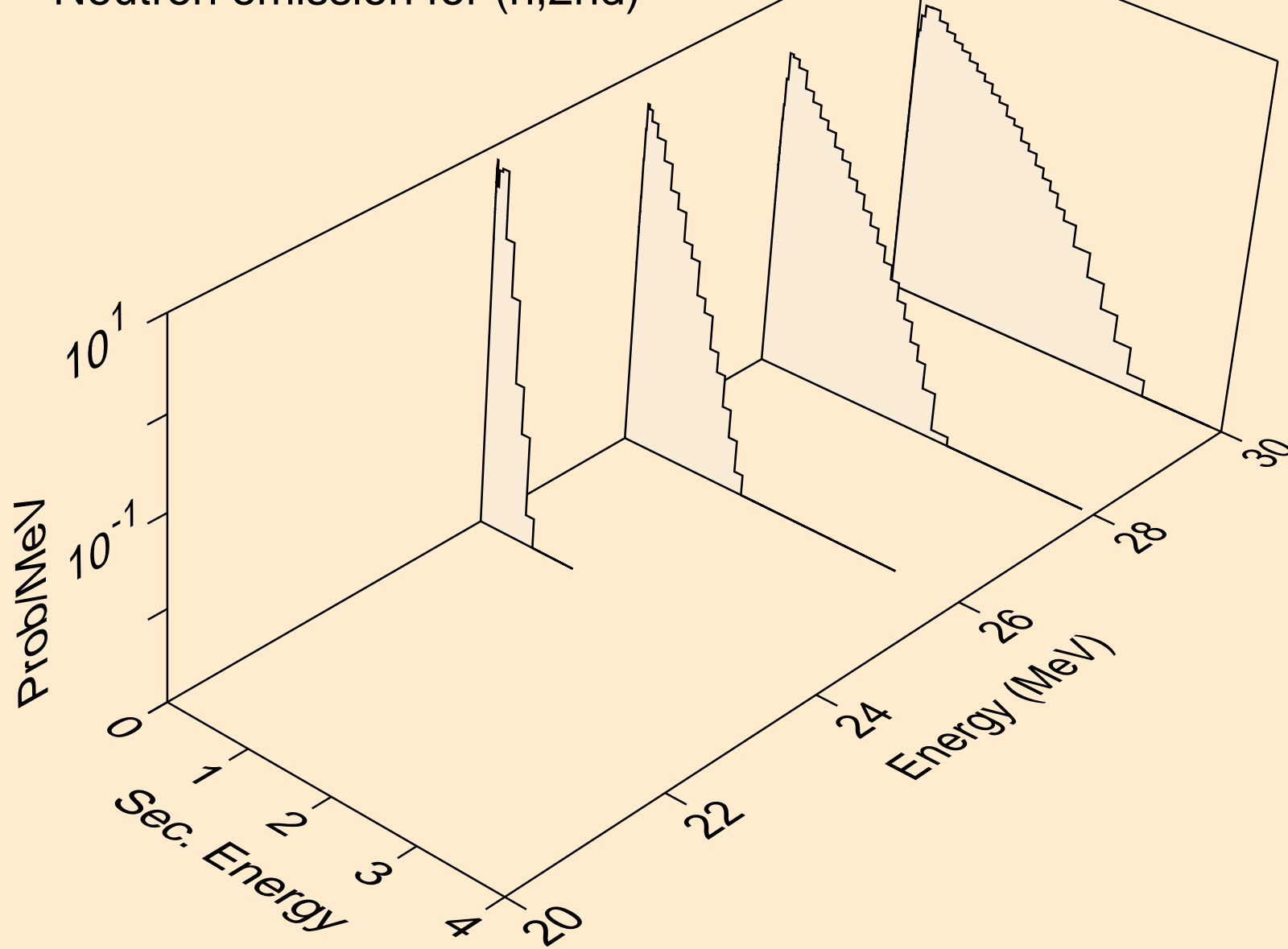
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angular distribution for (n,n\*16)



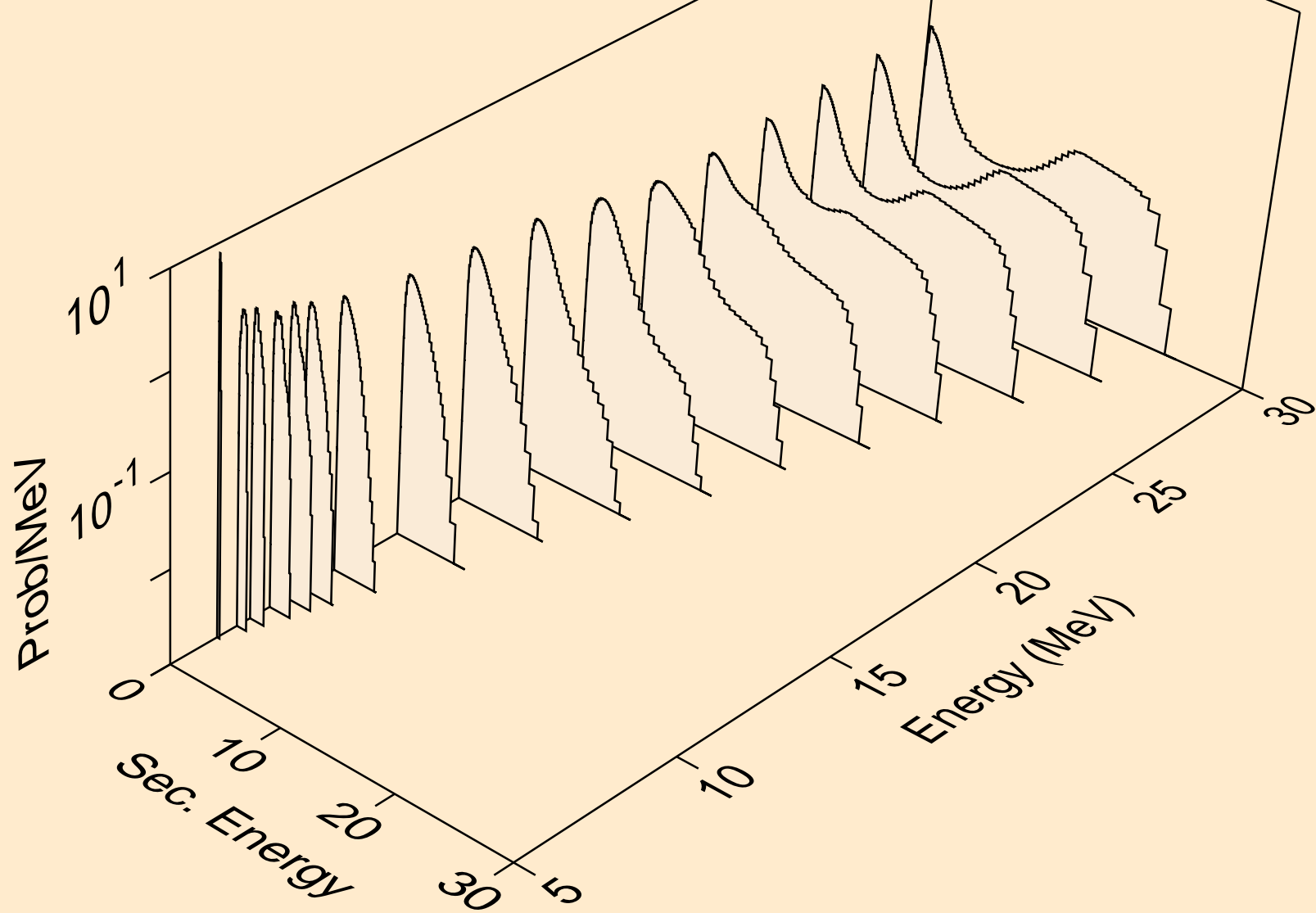
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



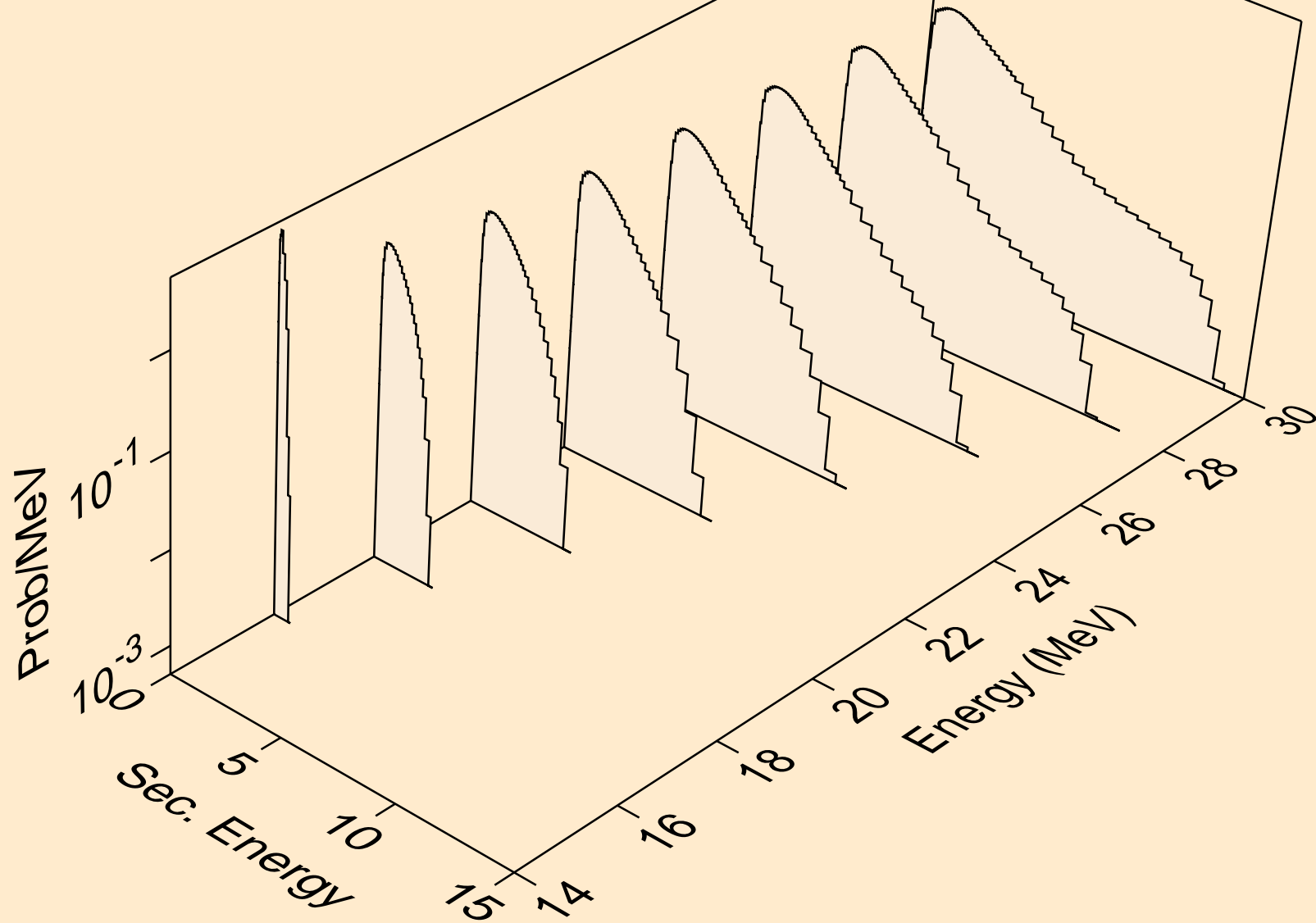
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



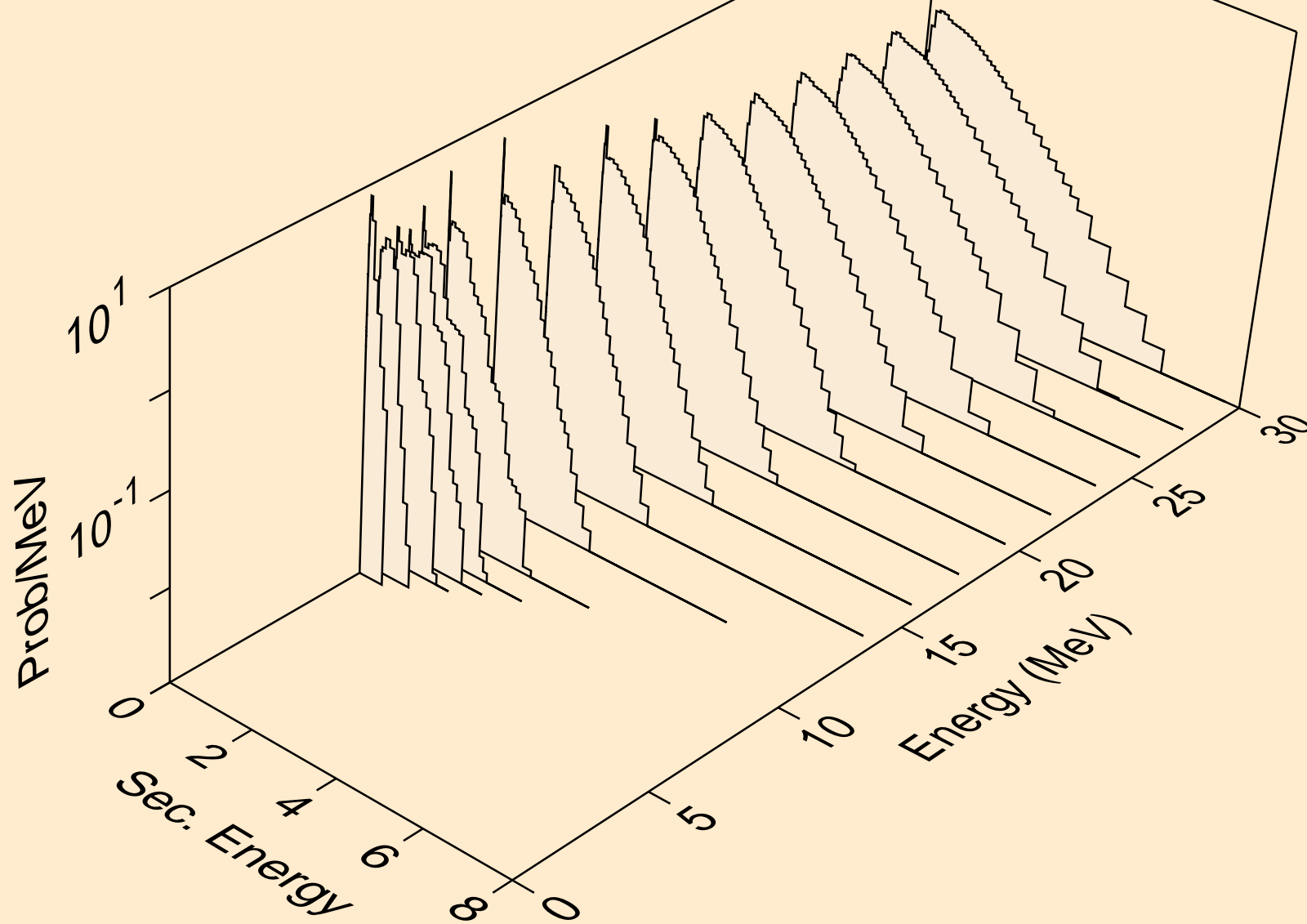
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



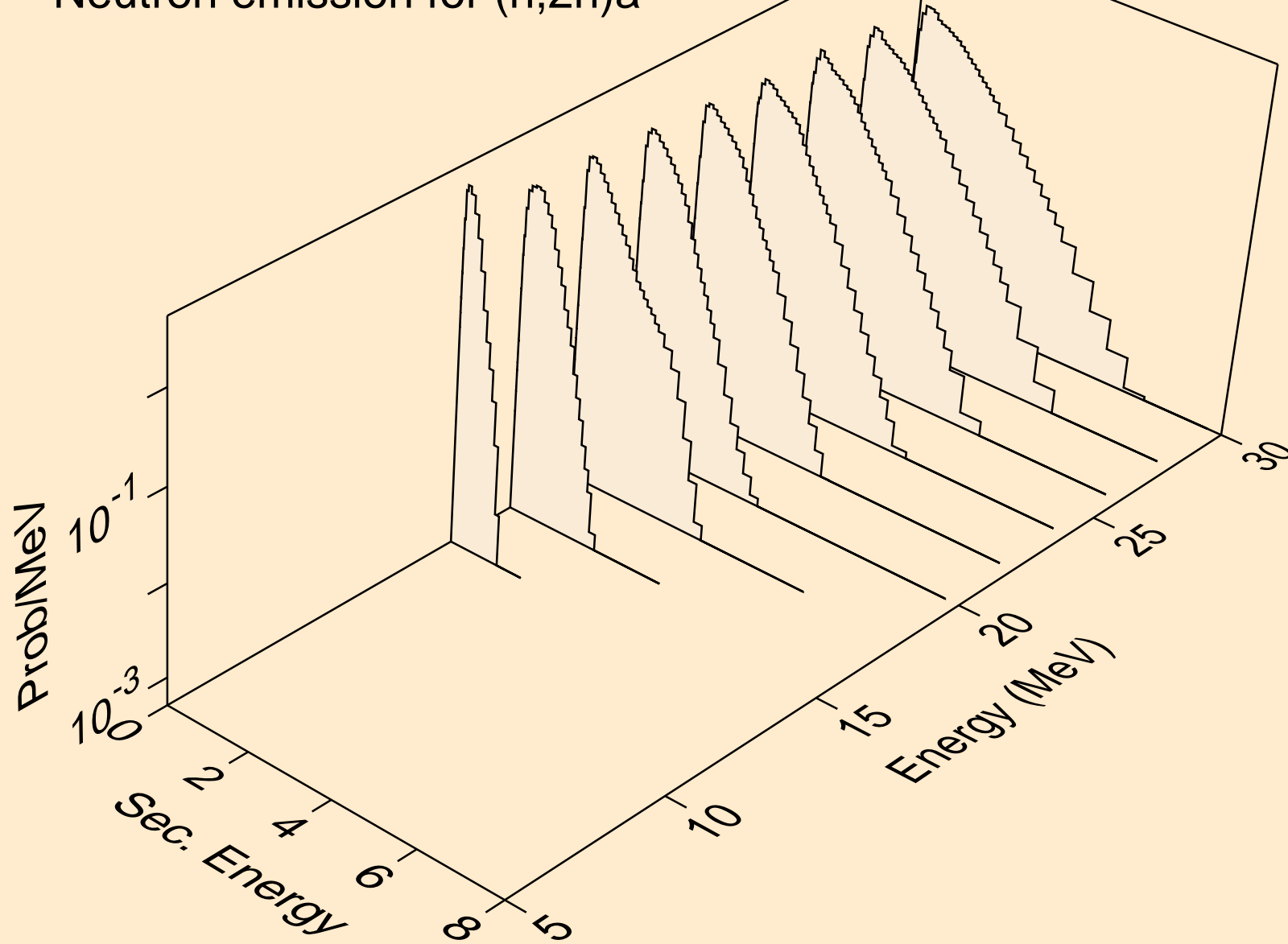
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

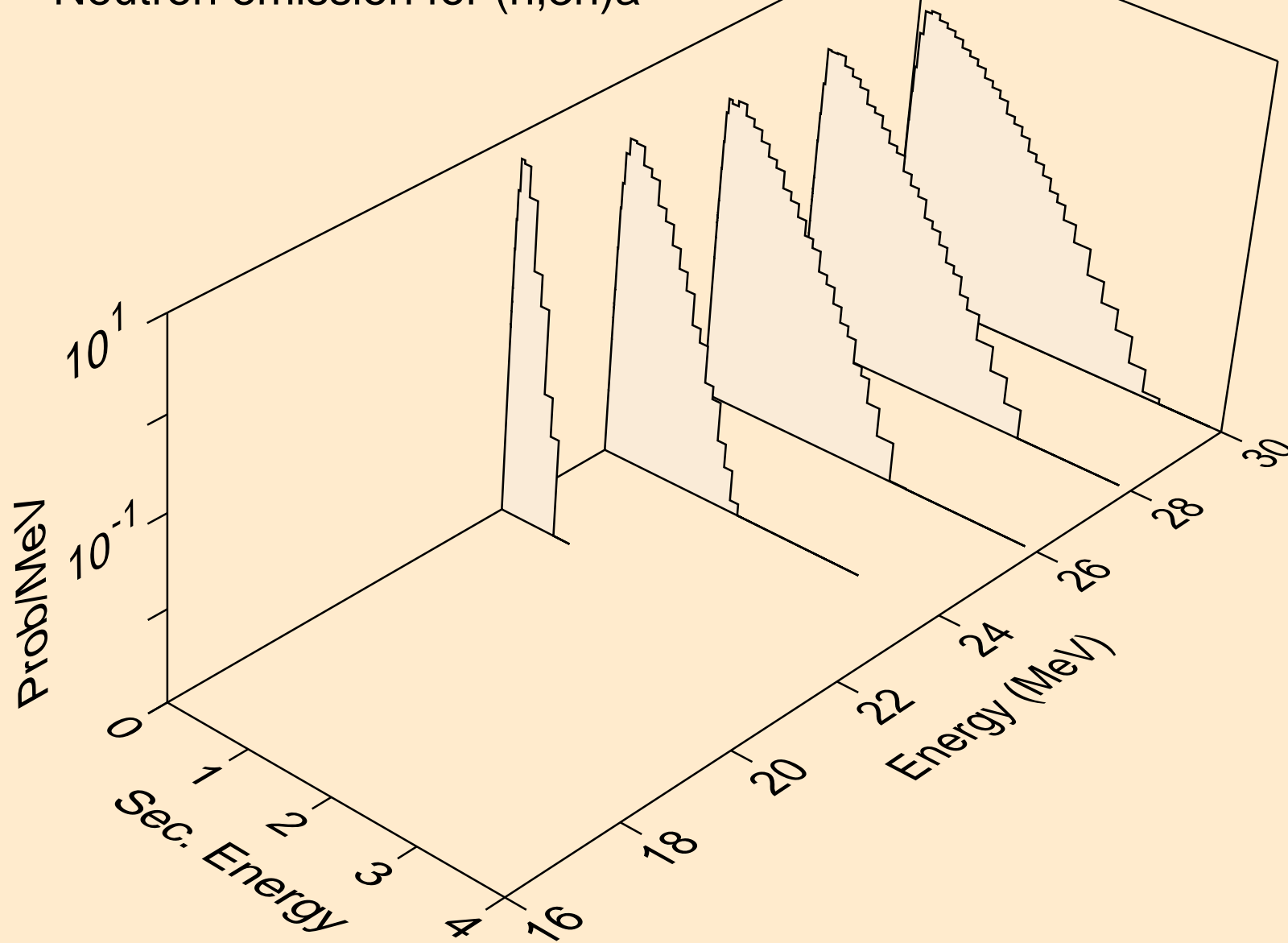


TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

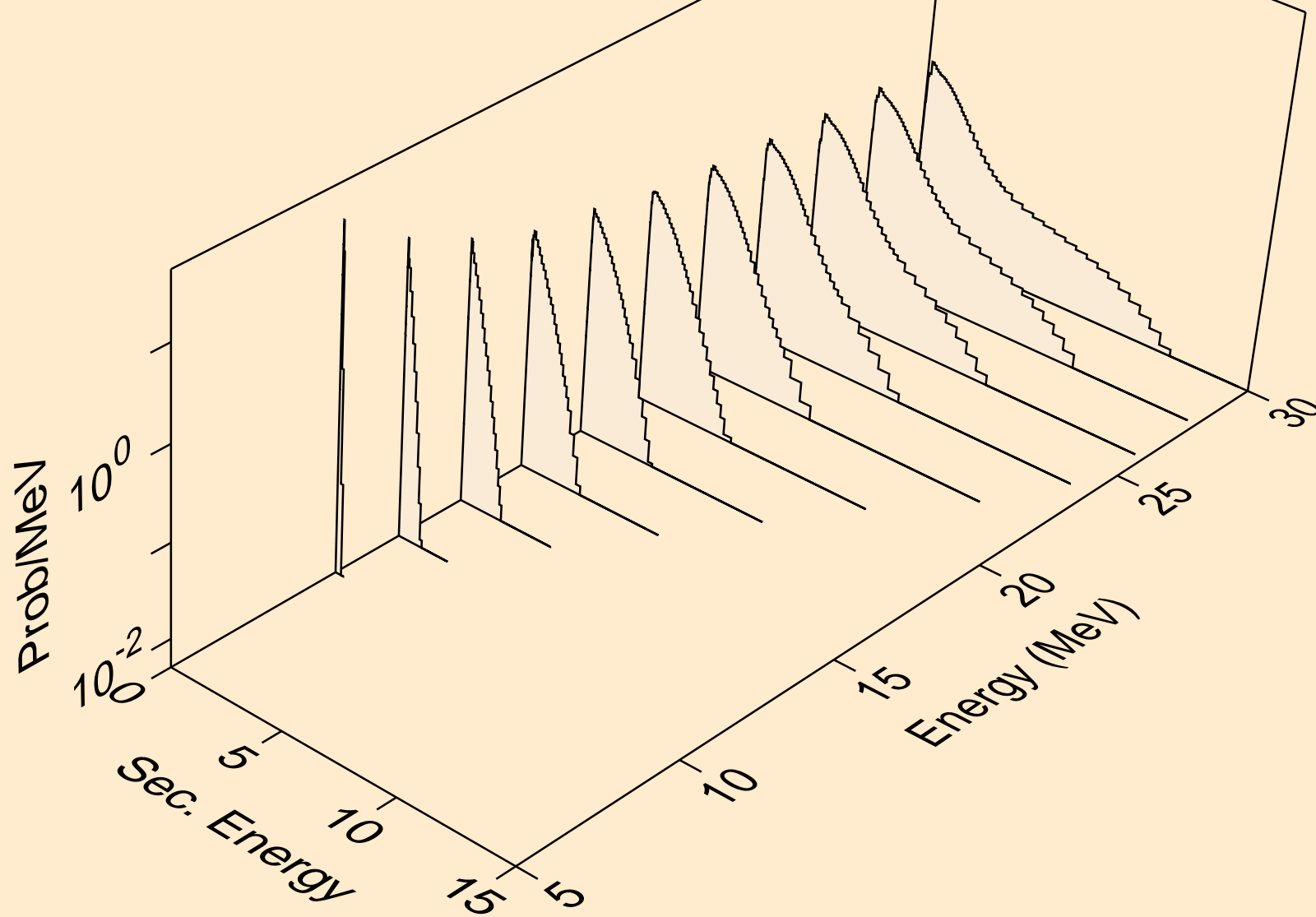




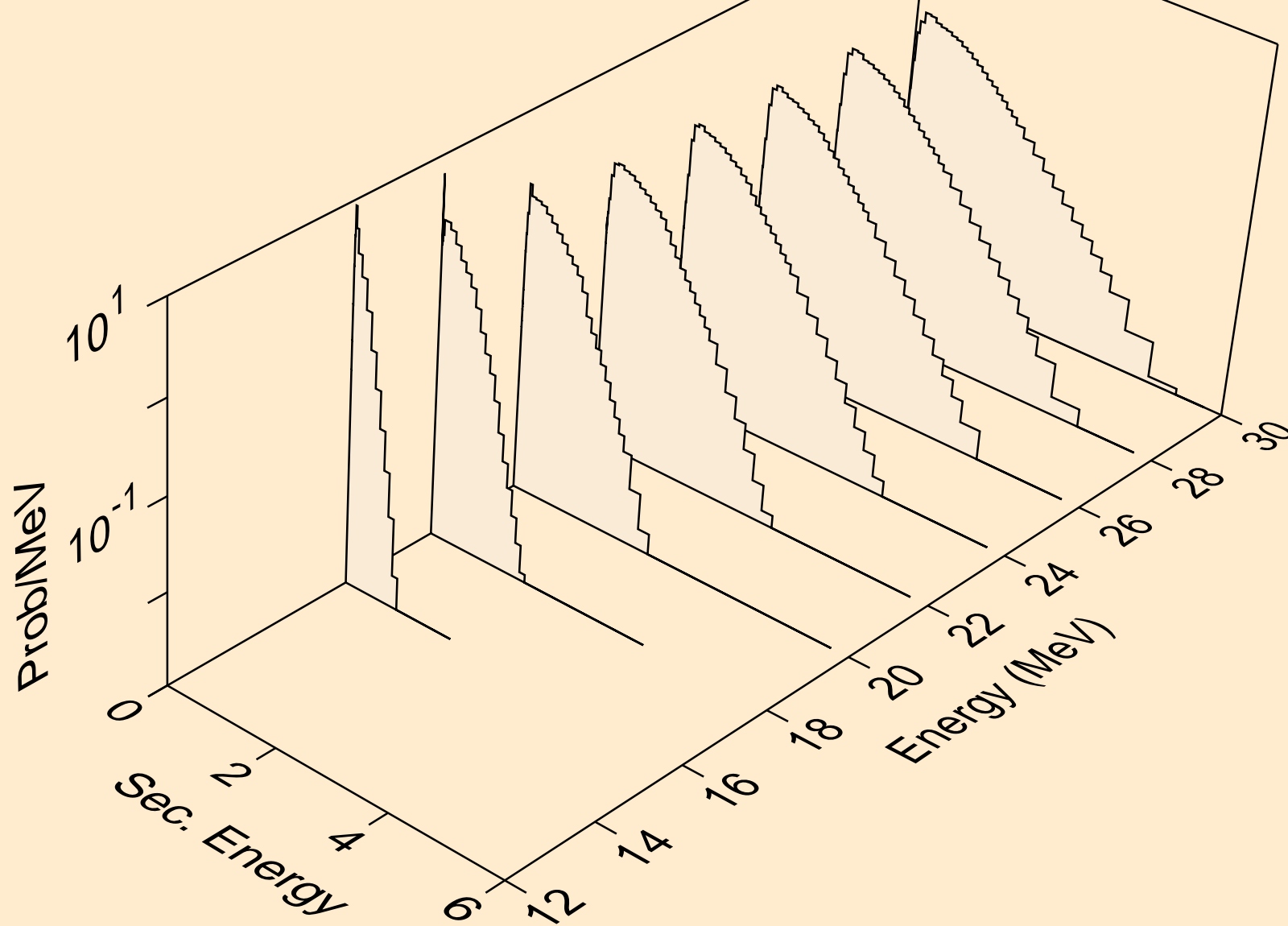
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Neutron emission for (n,3n)a



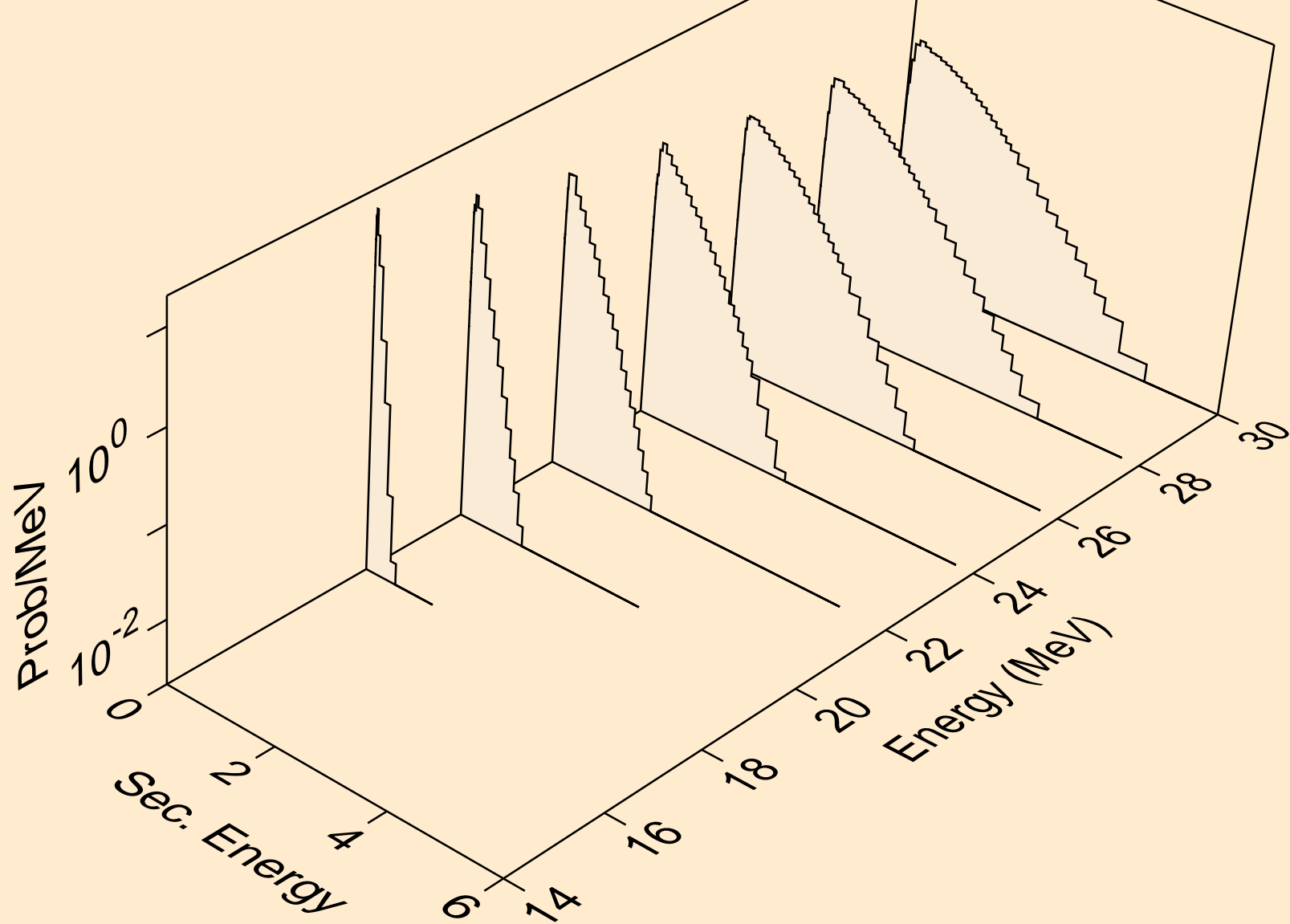
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Neutron emission for (n,n\*)p



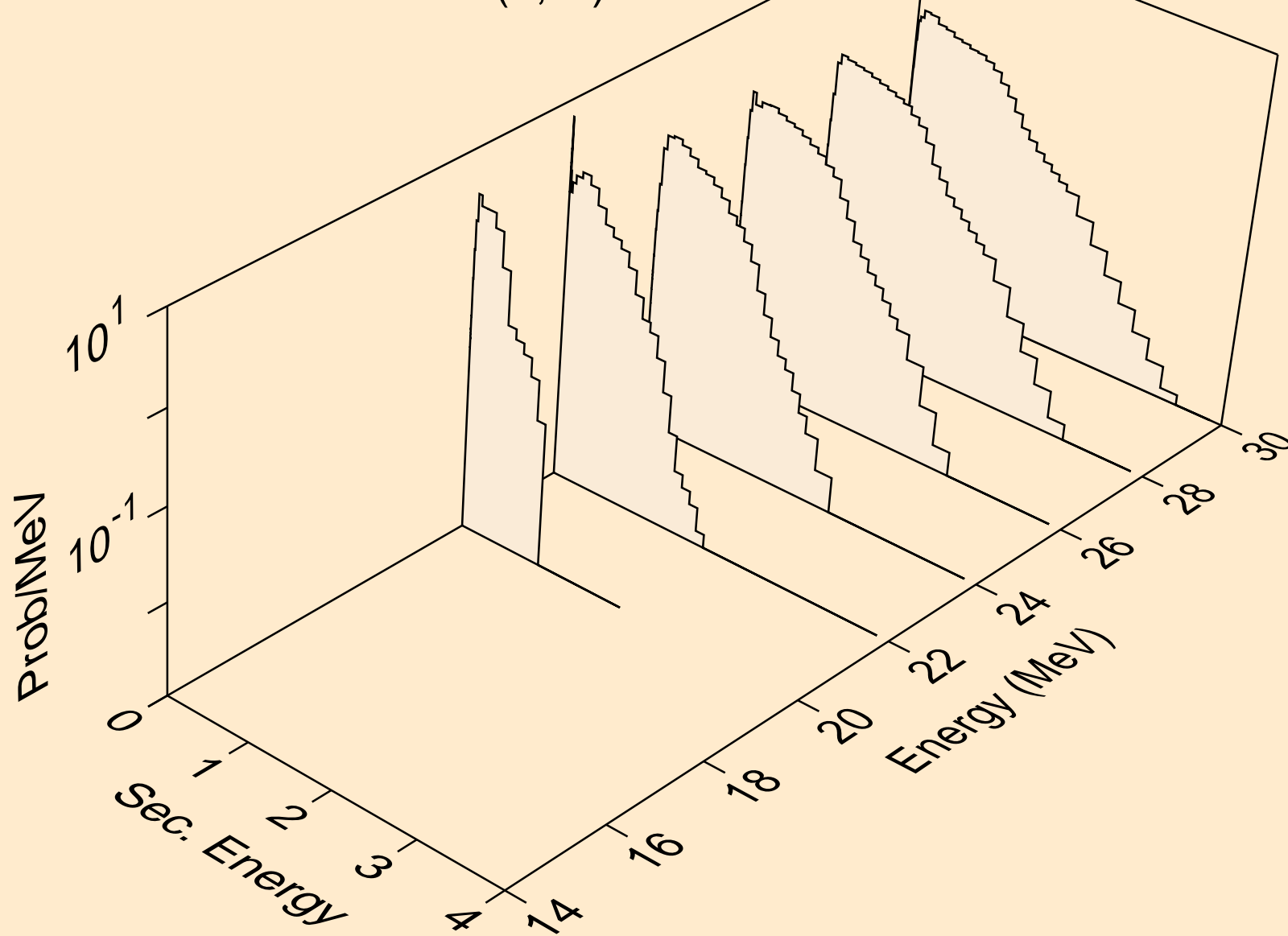
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Neutron emission for (n,n\*)d



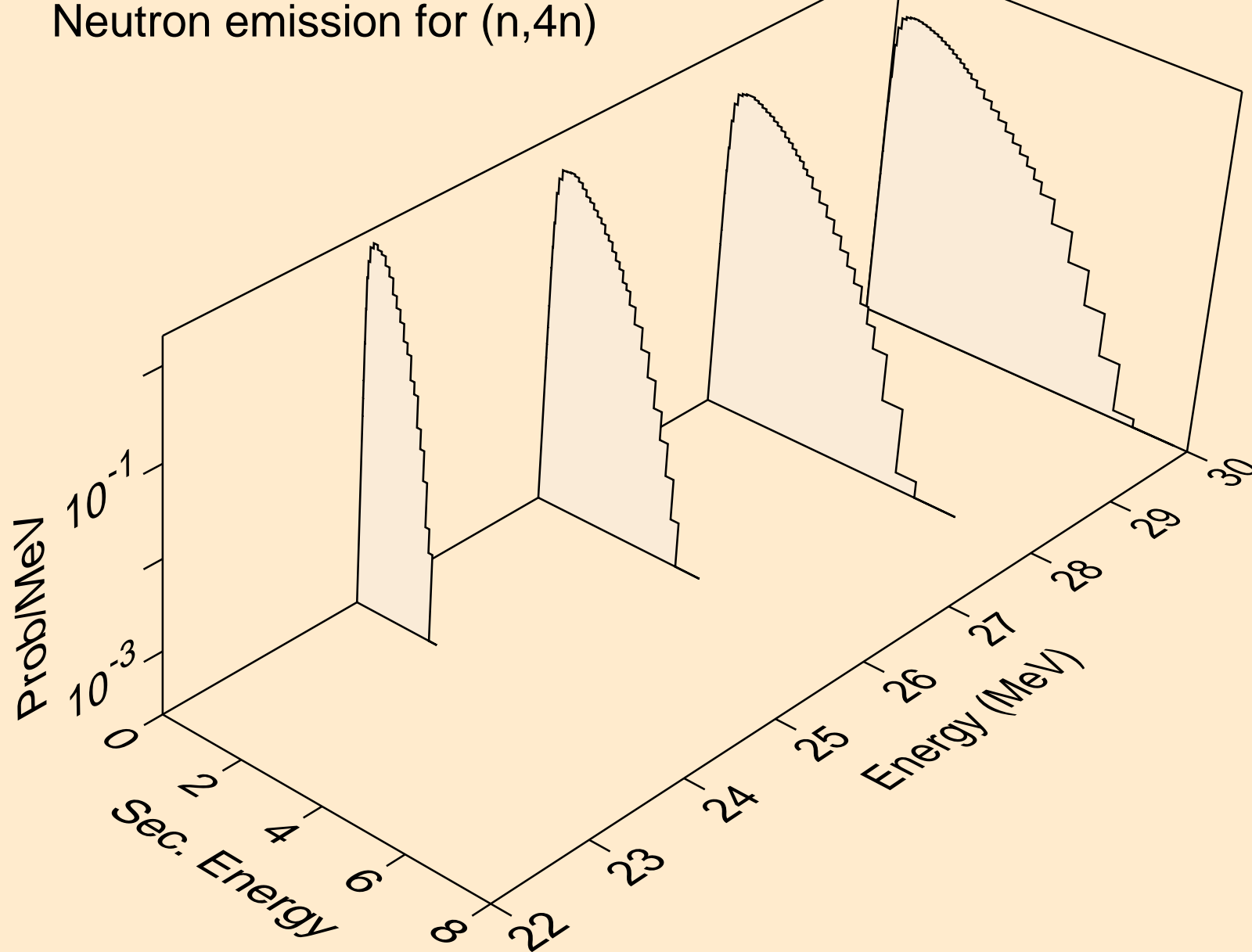
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Neutron emission for (n,n\*)t



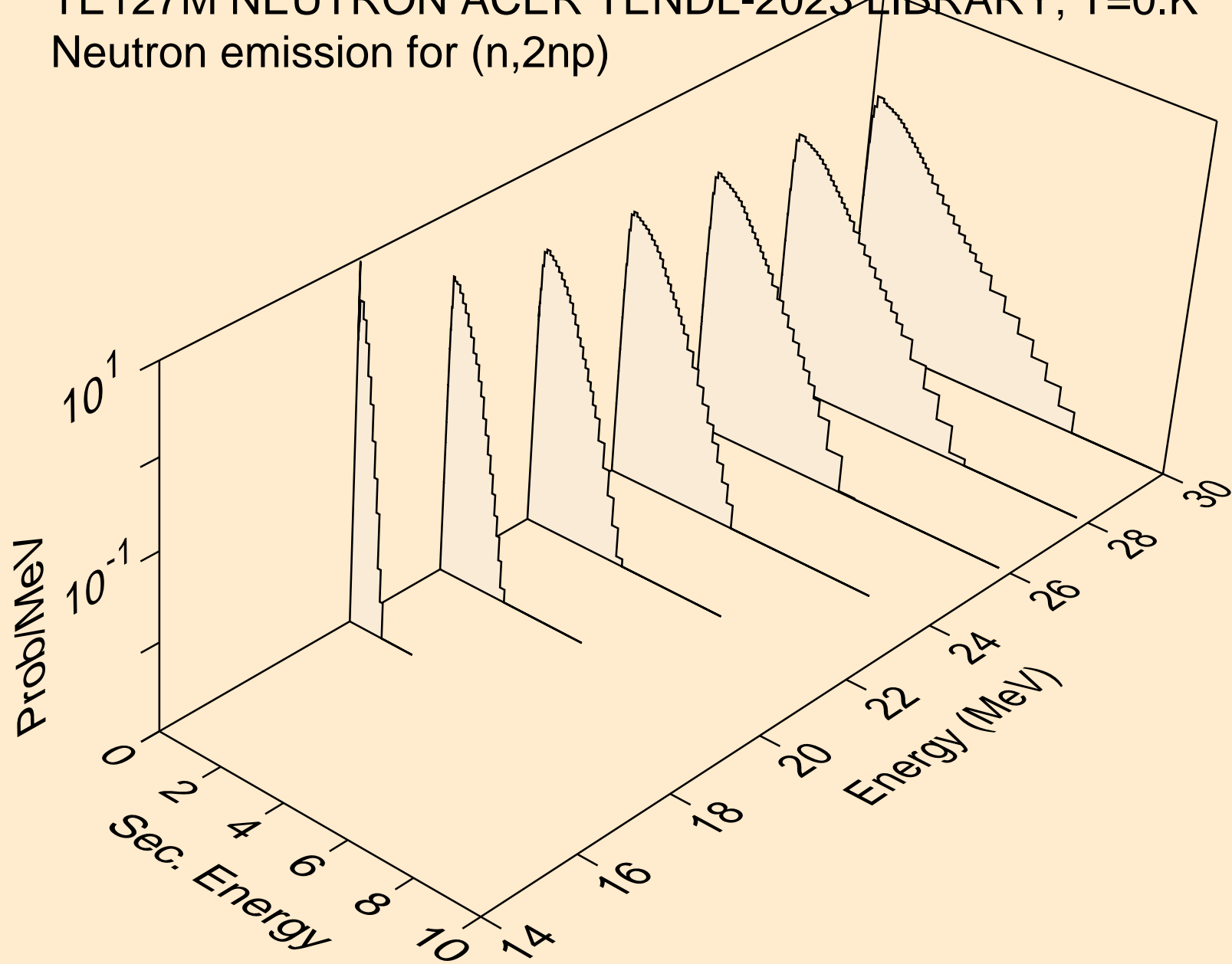
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Neutron emission for (n,n\*)he3



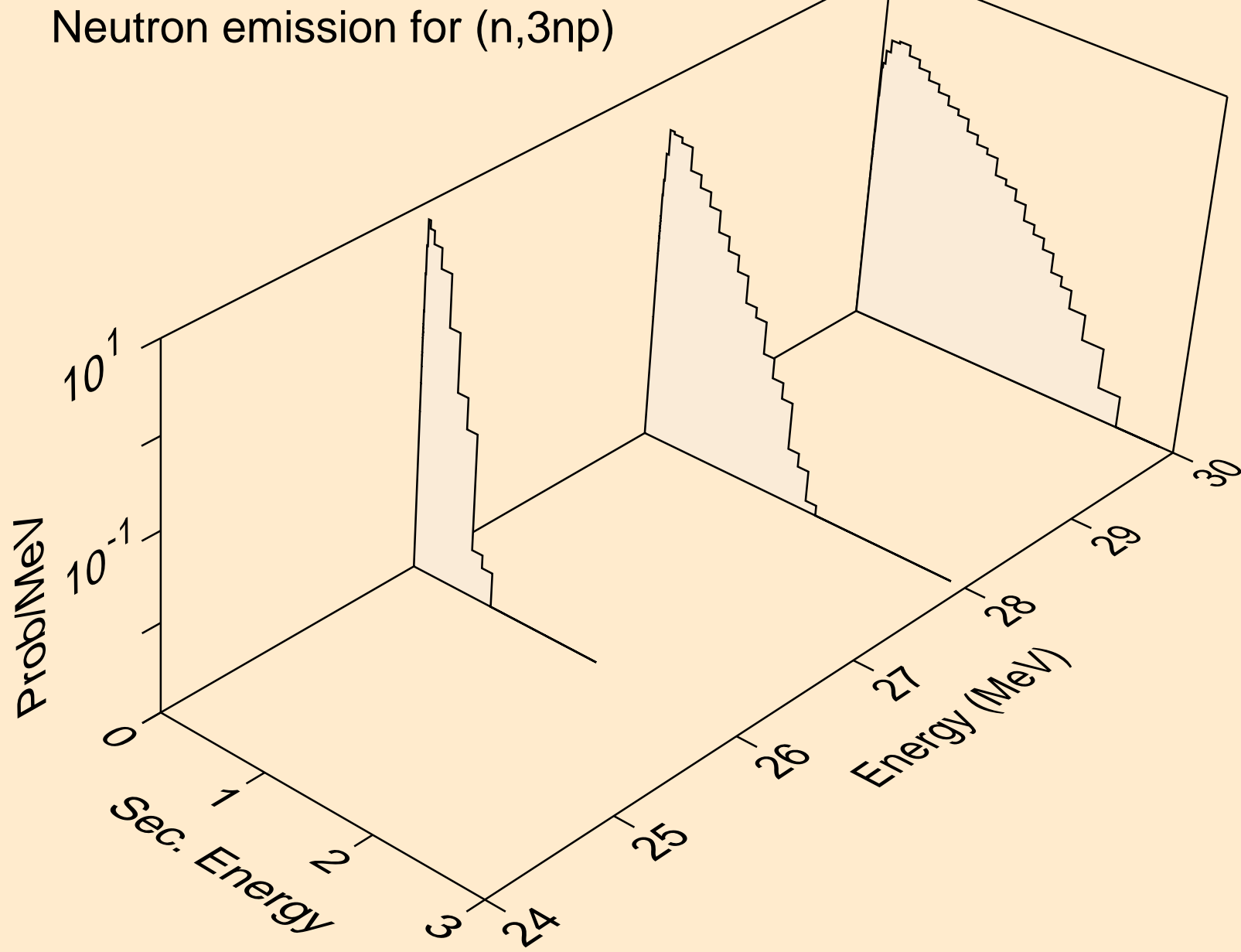
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

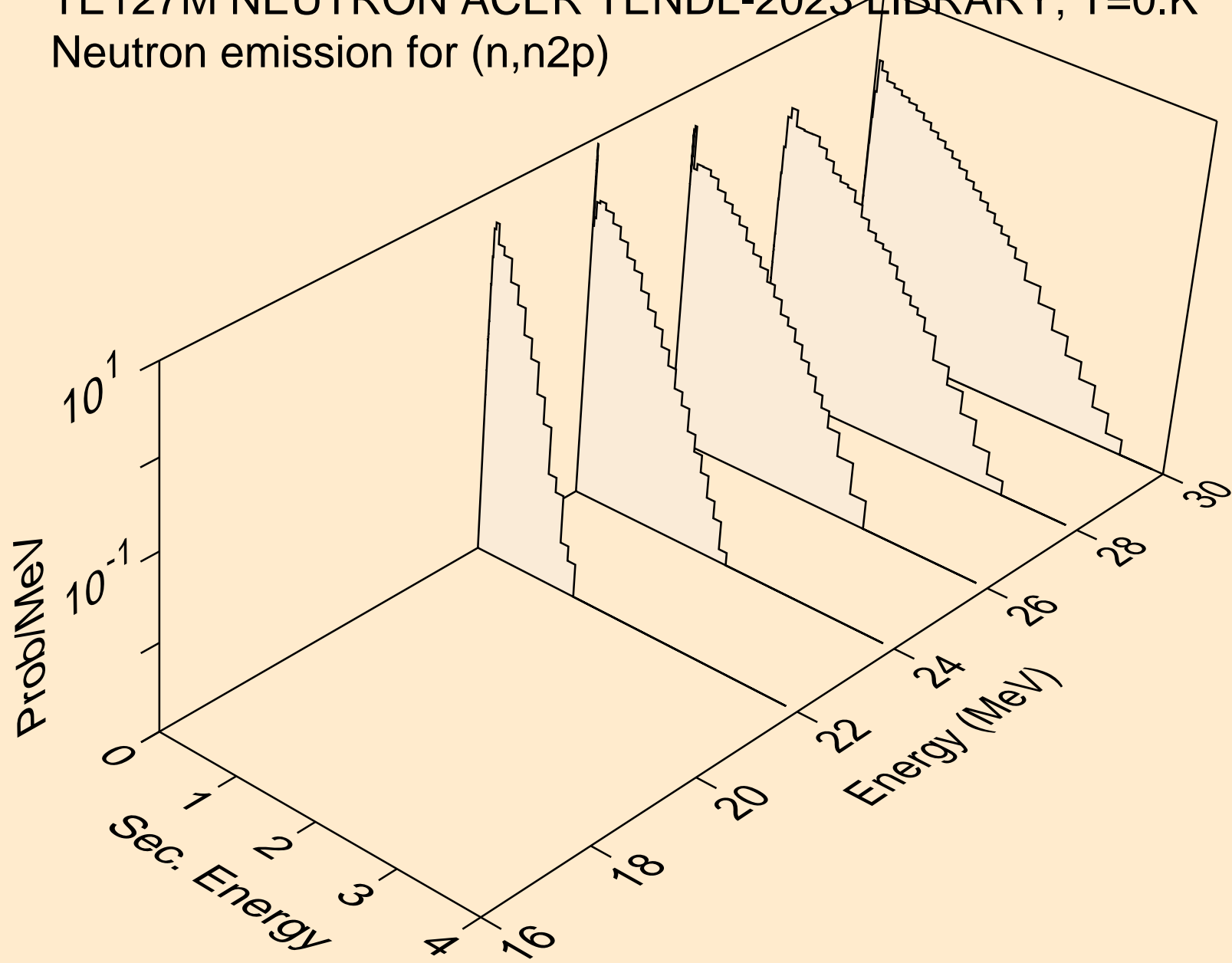


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Neutron emission for (n,3np)

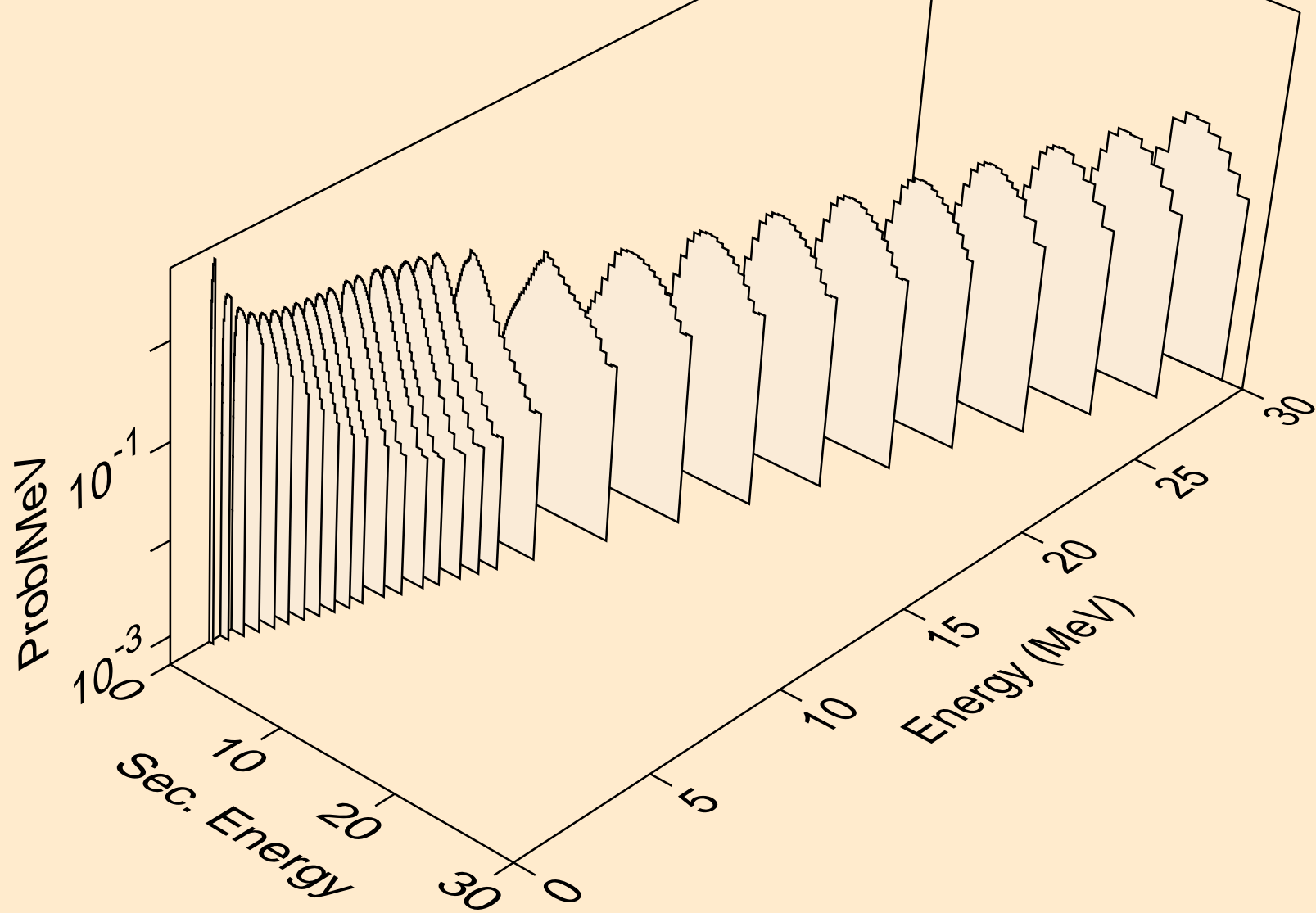




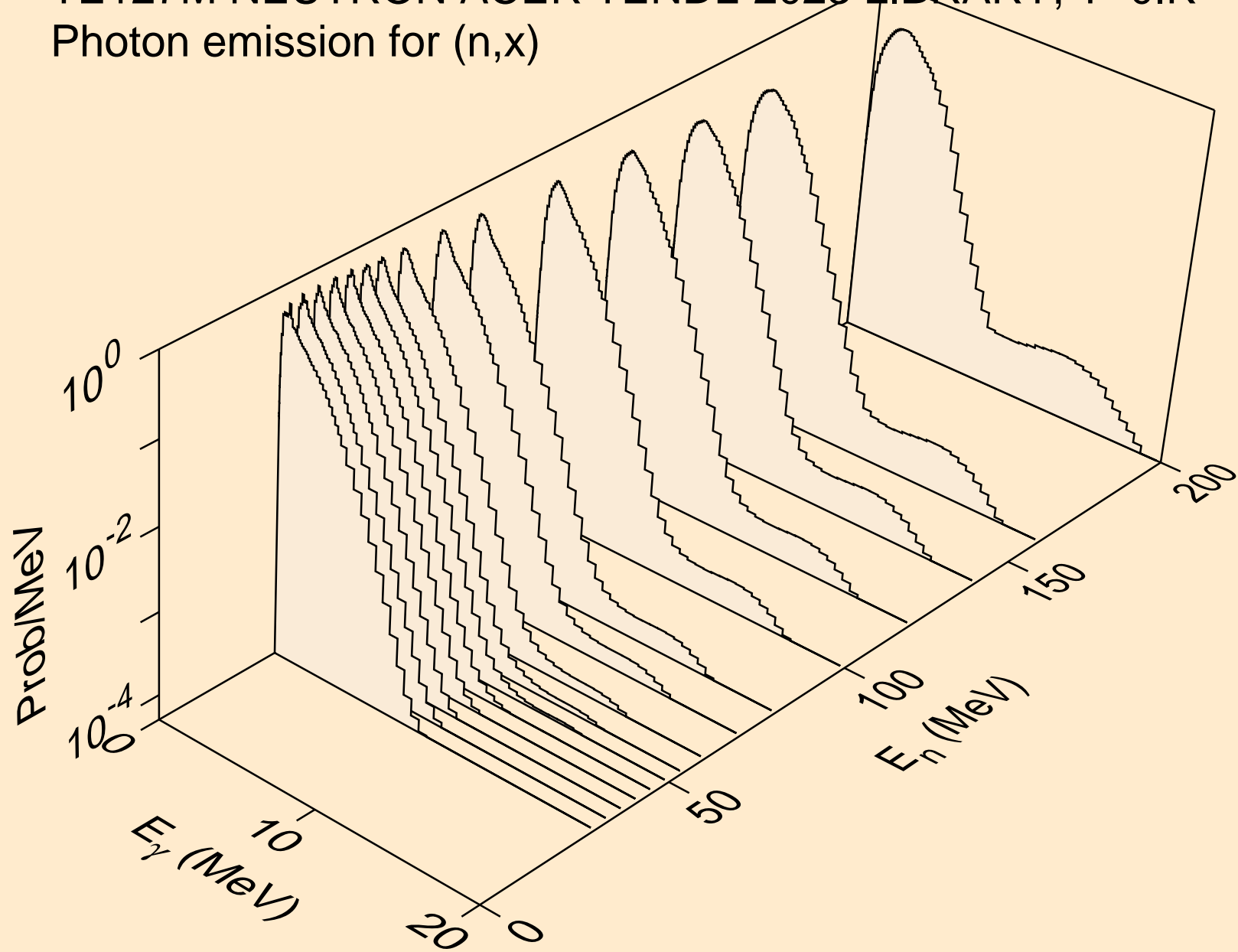
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Neutron emission for (n,n2p)



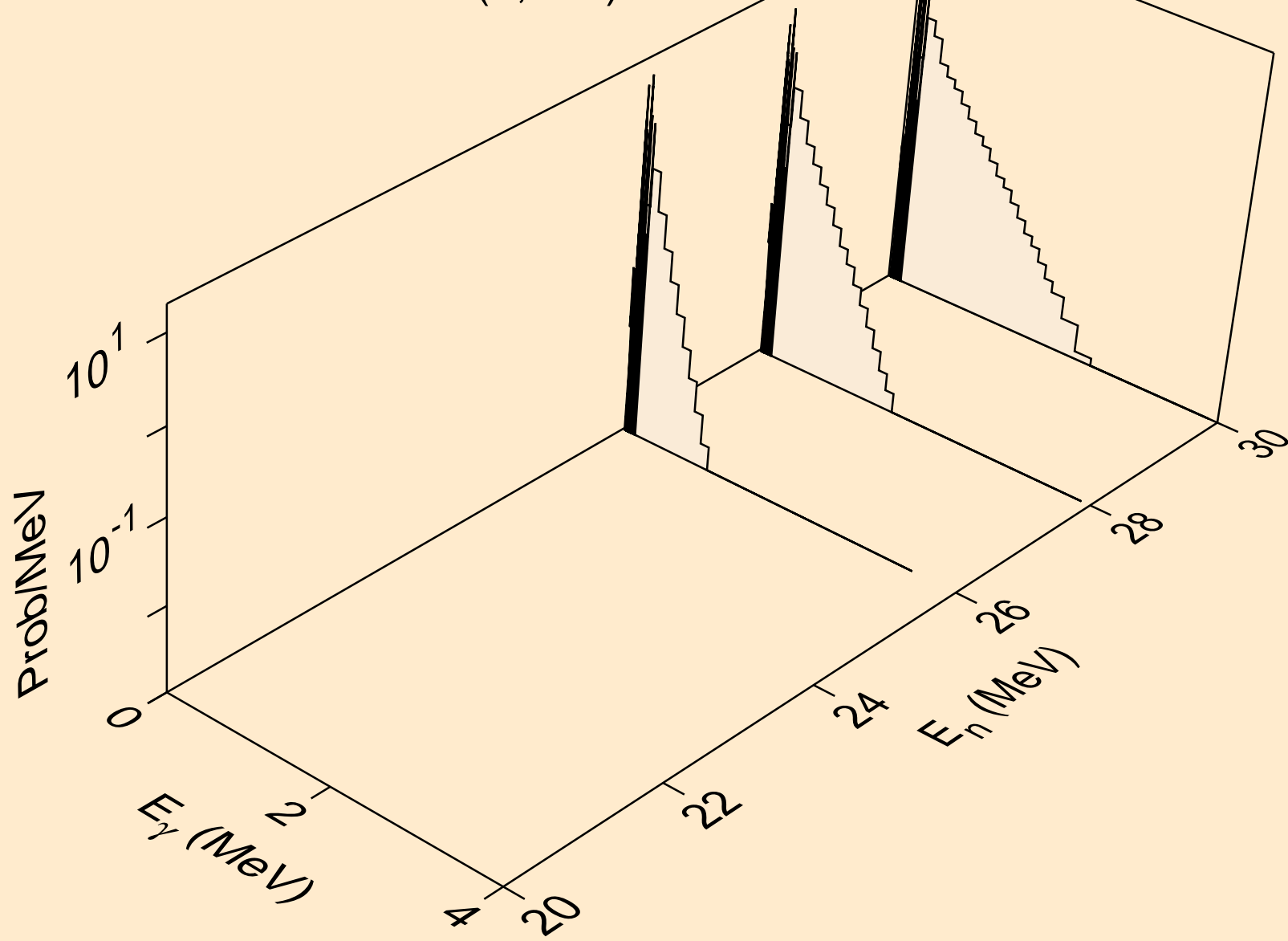
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Neutron emission for (n,n\*c)



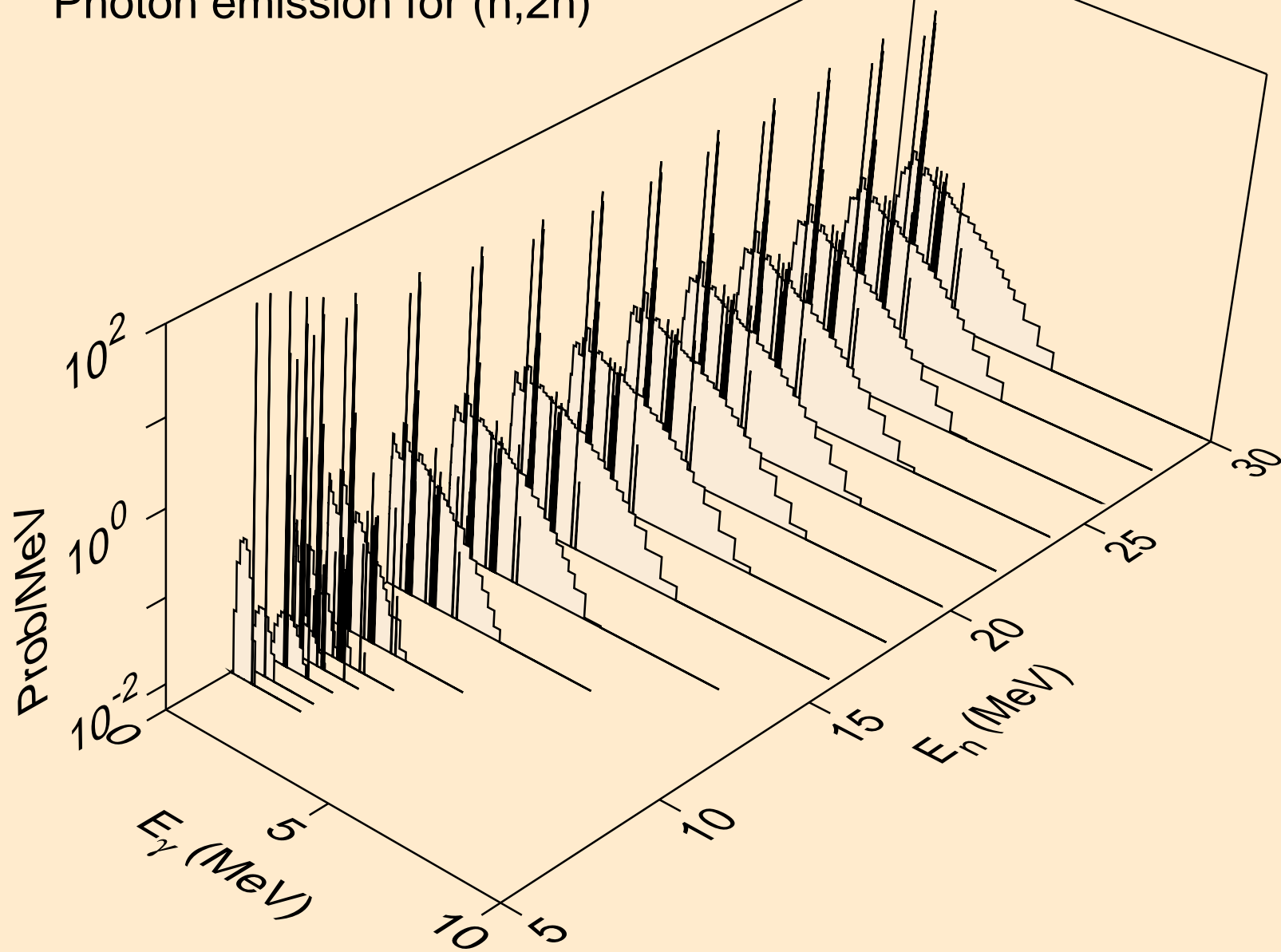
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Photon emission for (n,x)



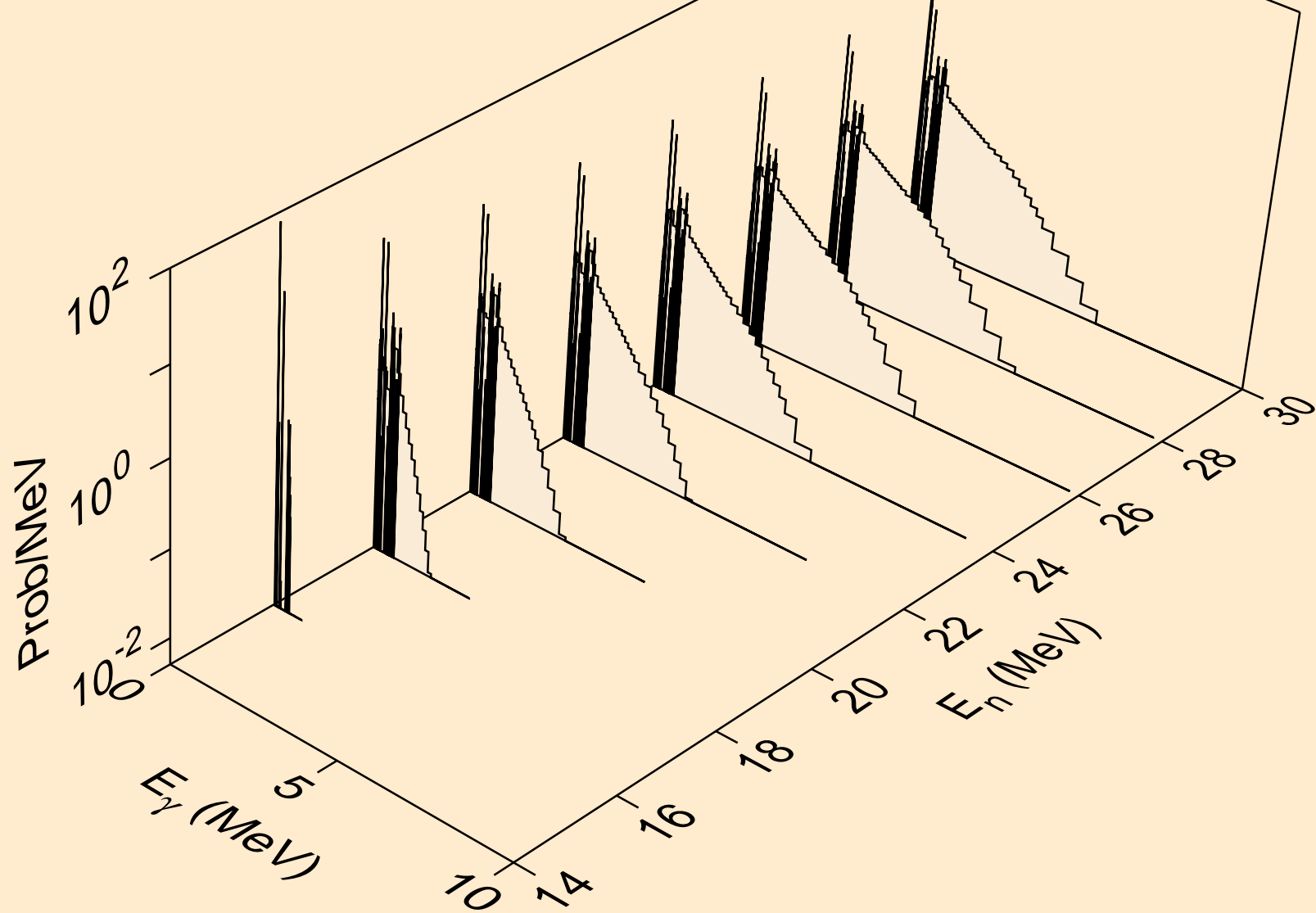
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Photon emission for (n,2nd)



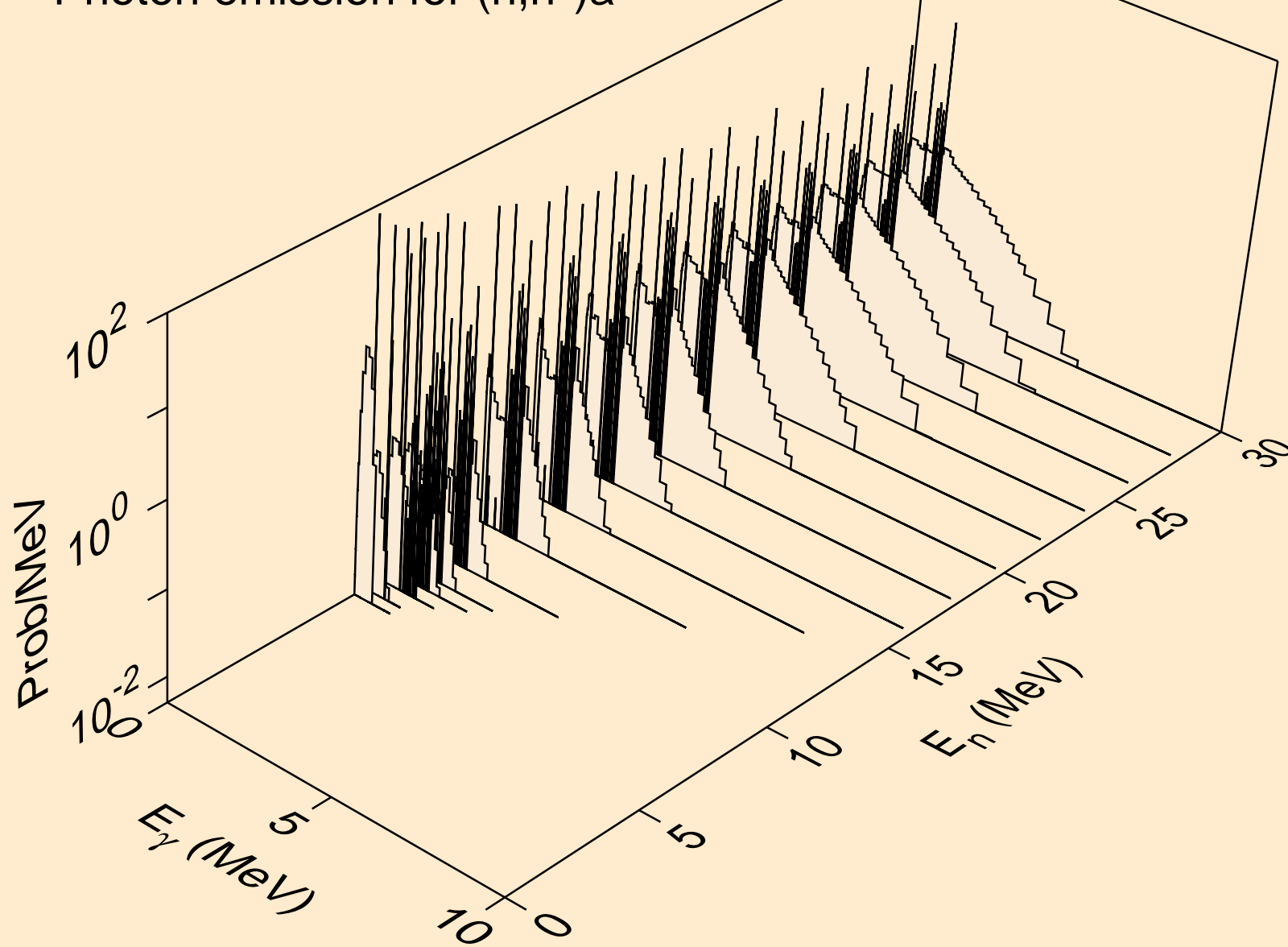
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Photon emission for (n,2n)



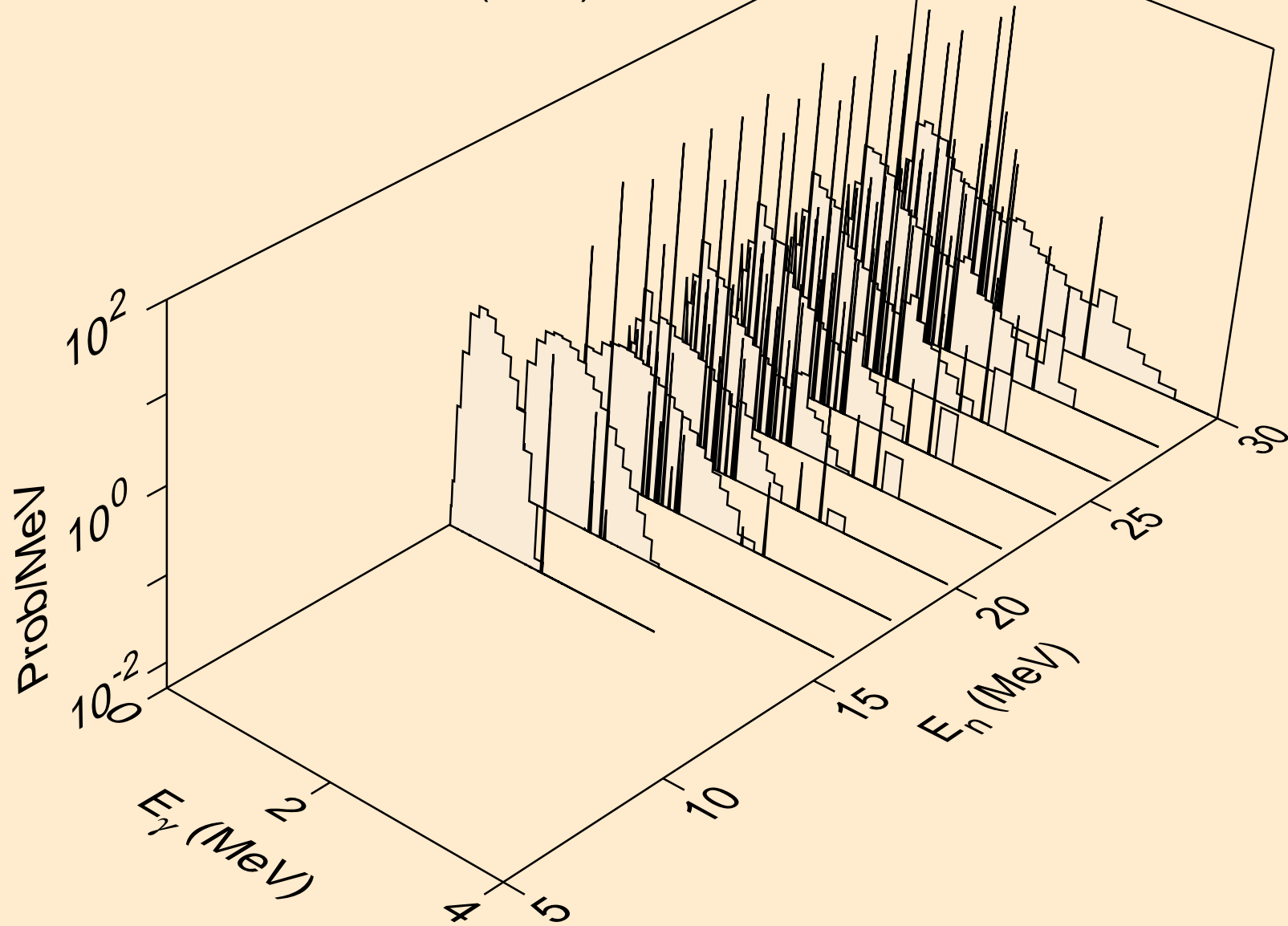
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

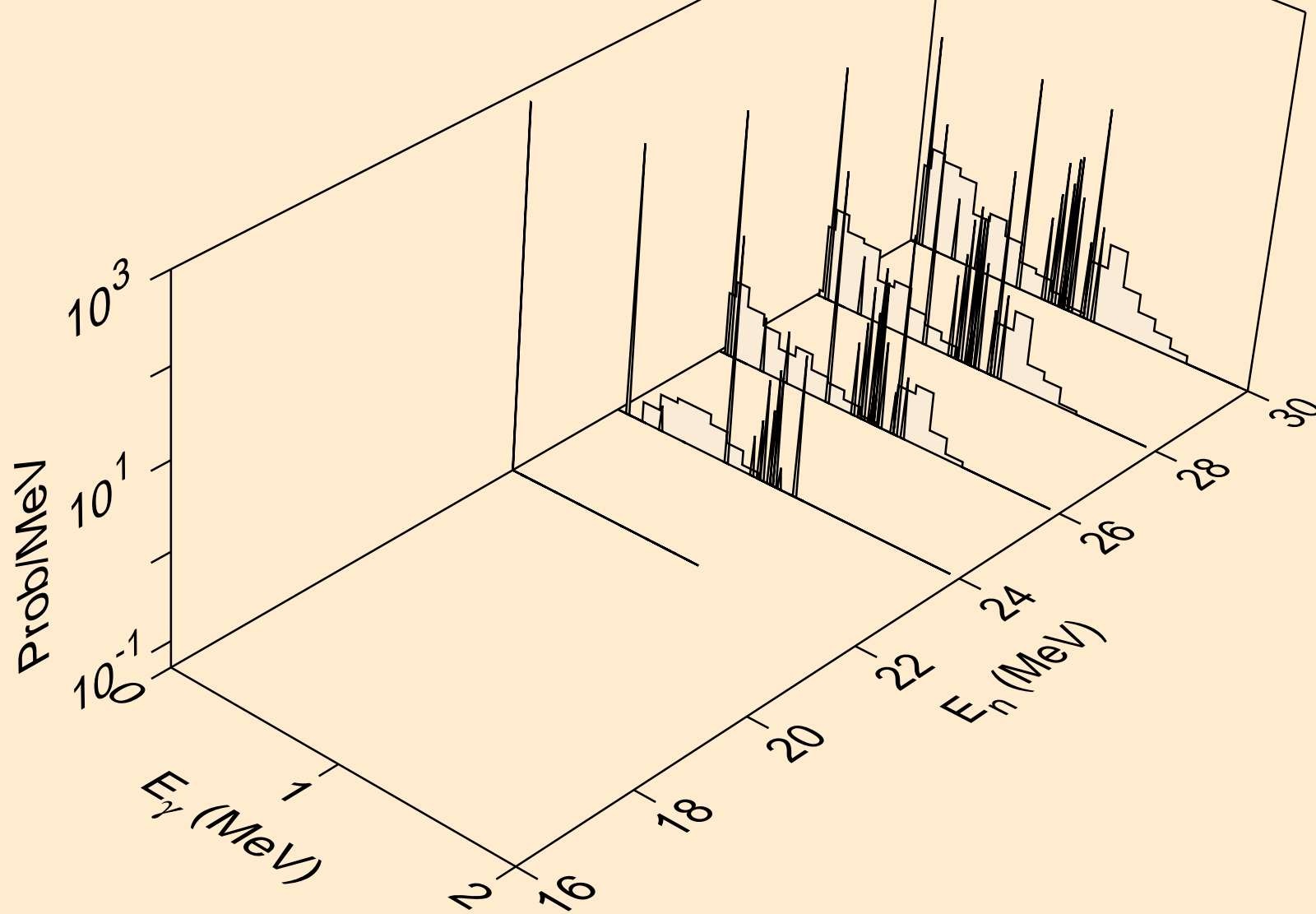


TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

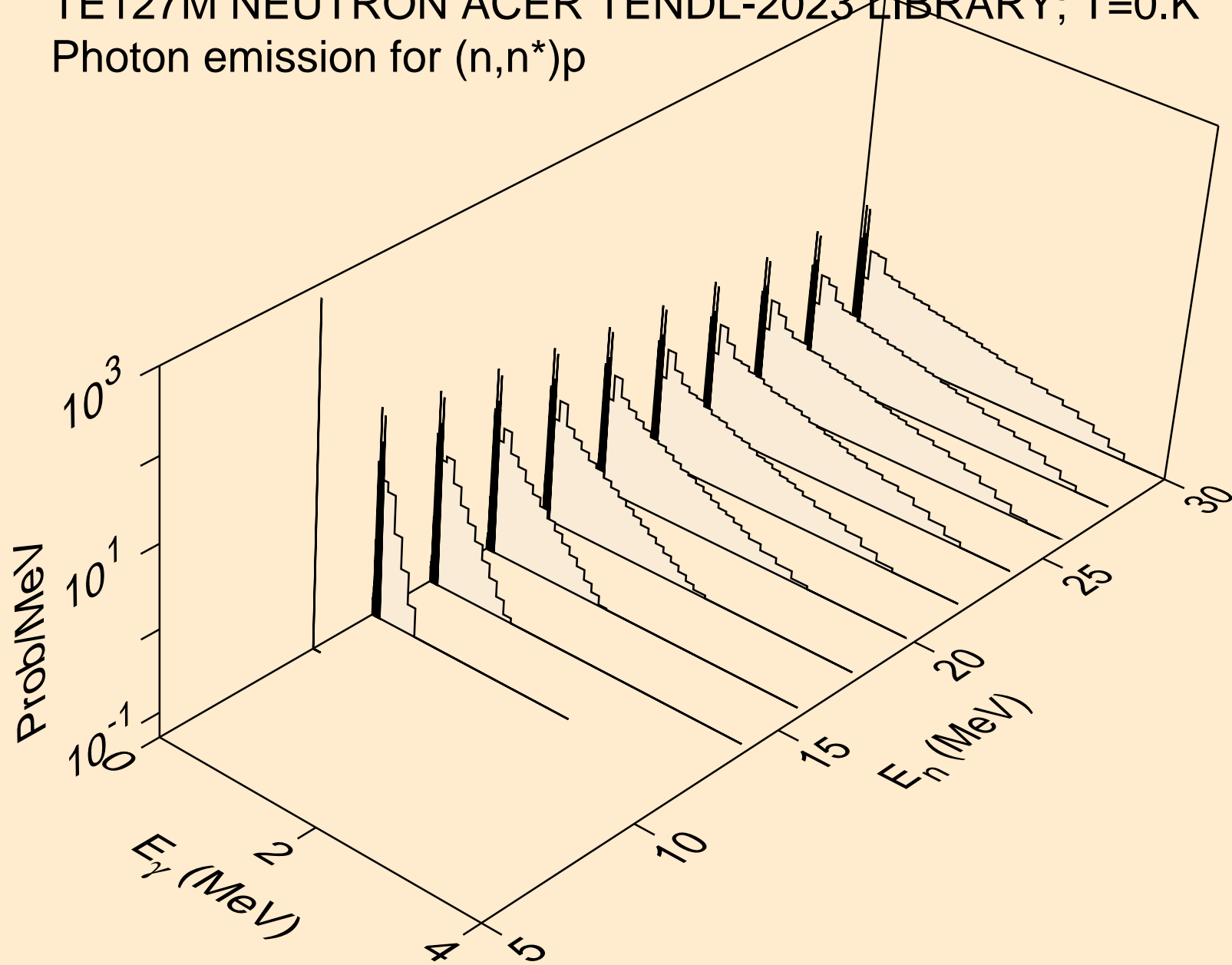




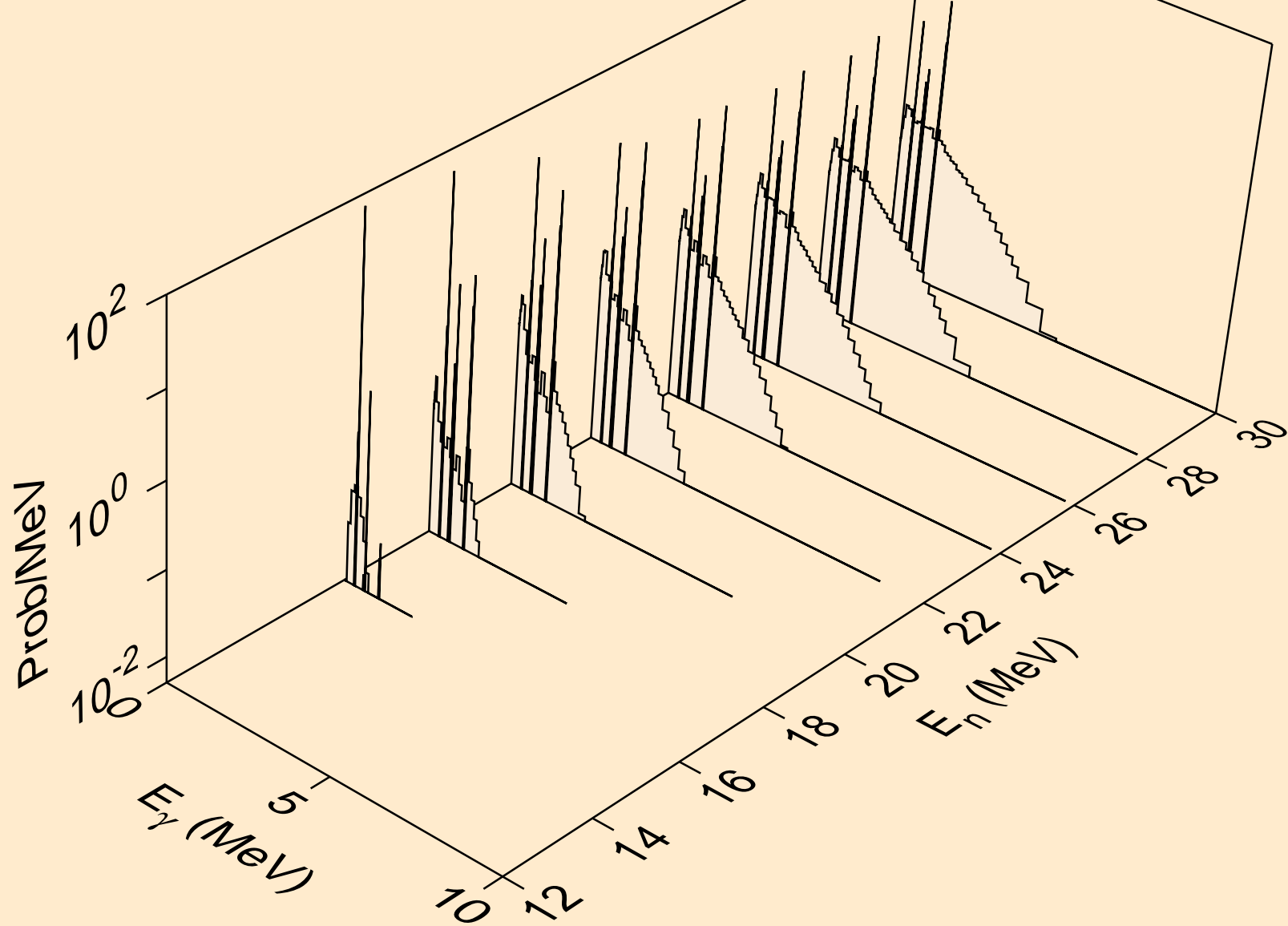
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Photon emission for (n,3n)a



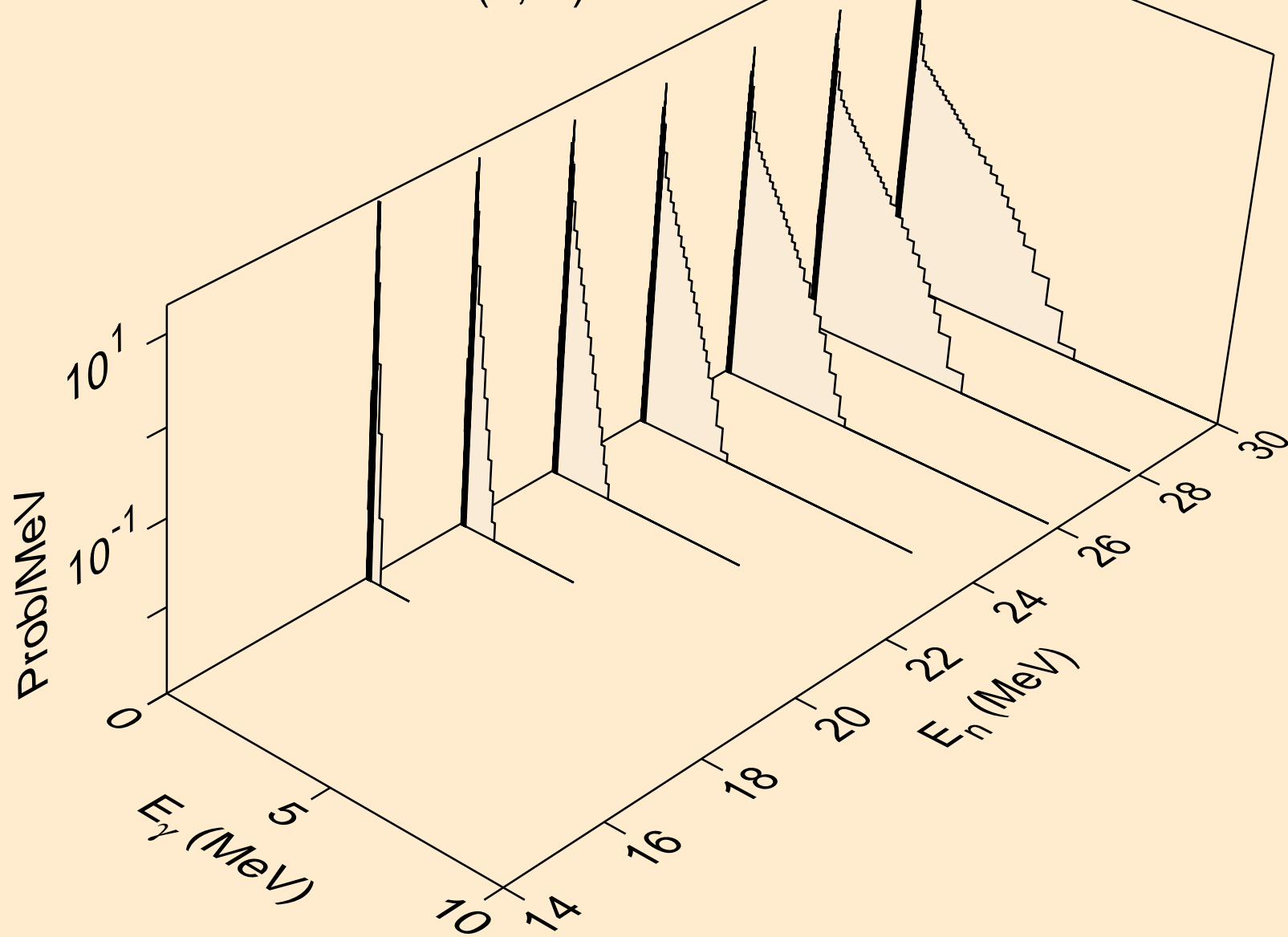
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Photon emission for (n,n\*)p



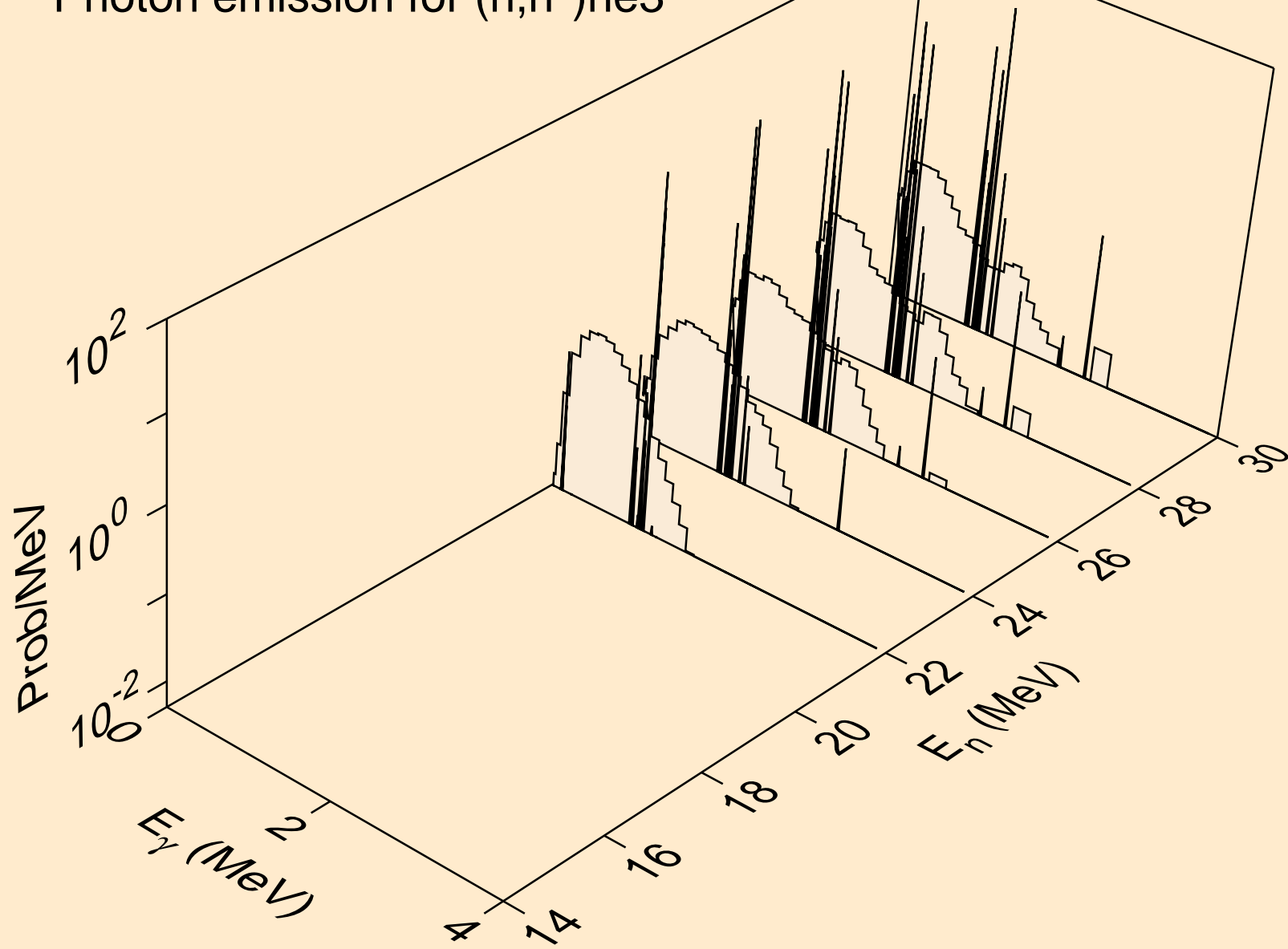
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



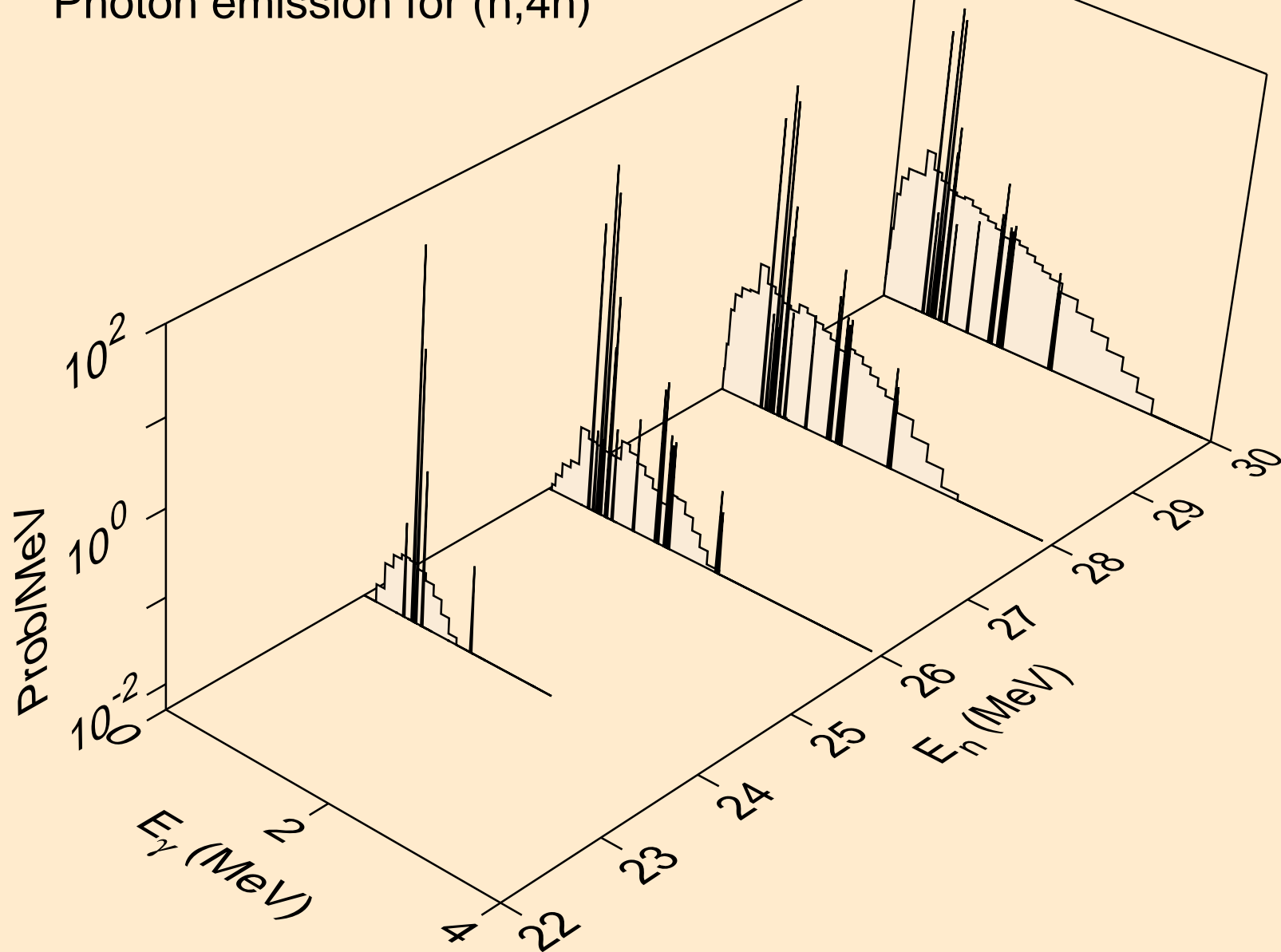
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Photon emission for (n,n\*)t



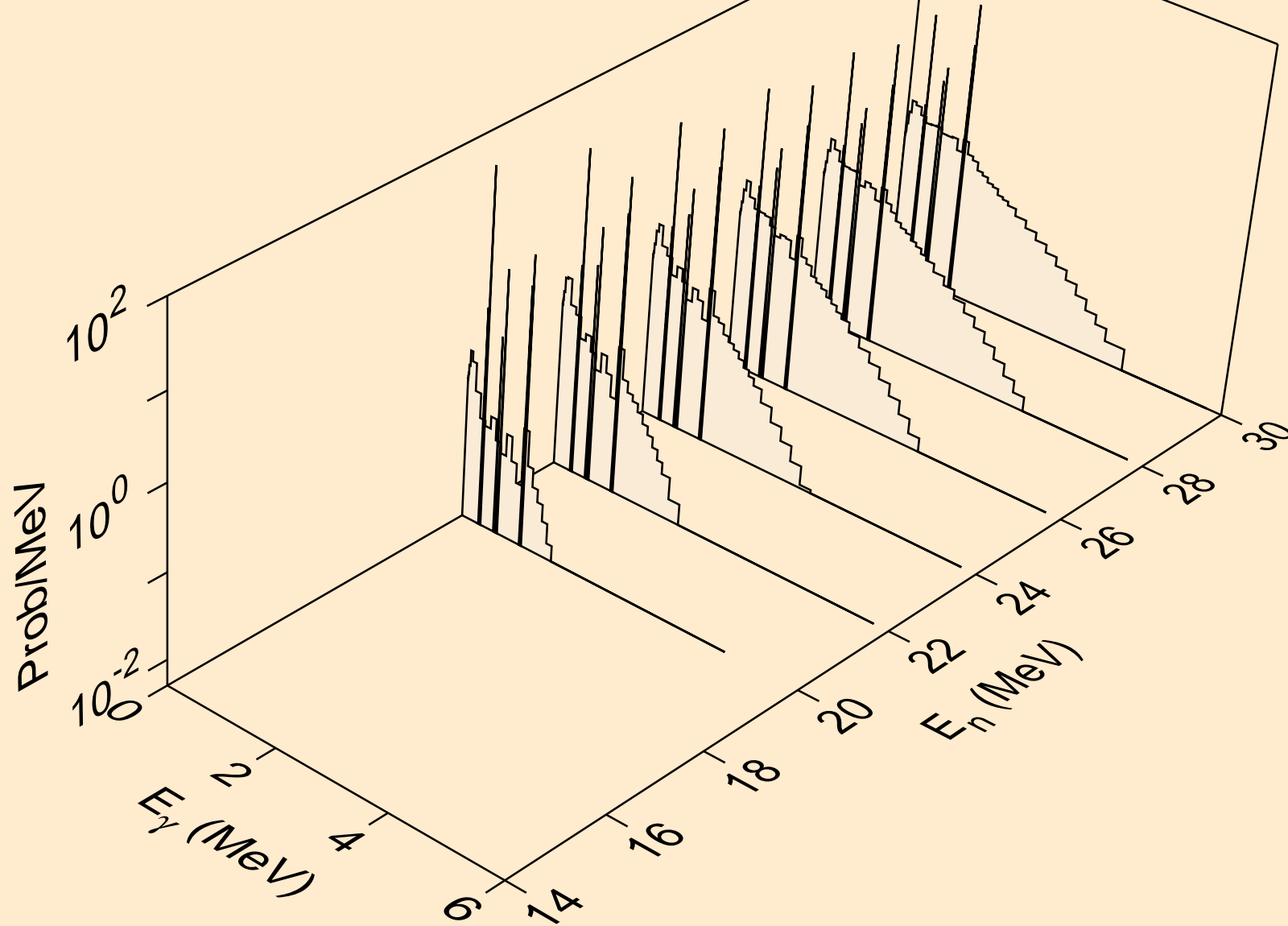
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



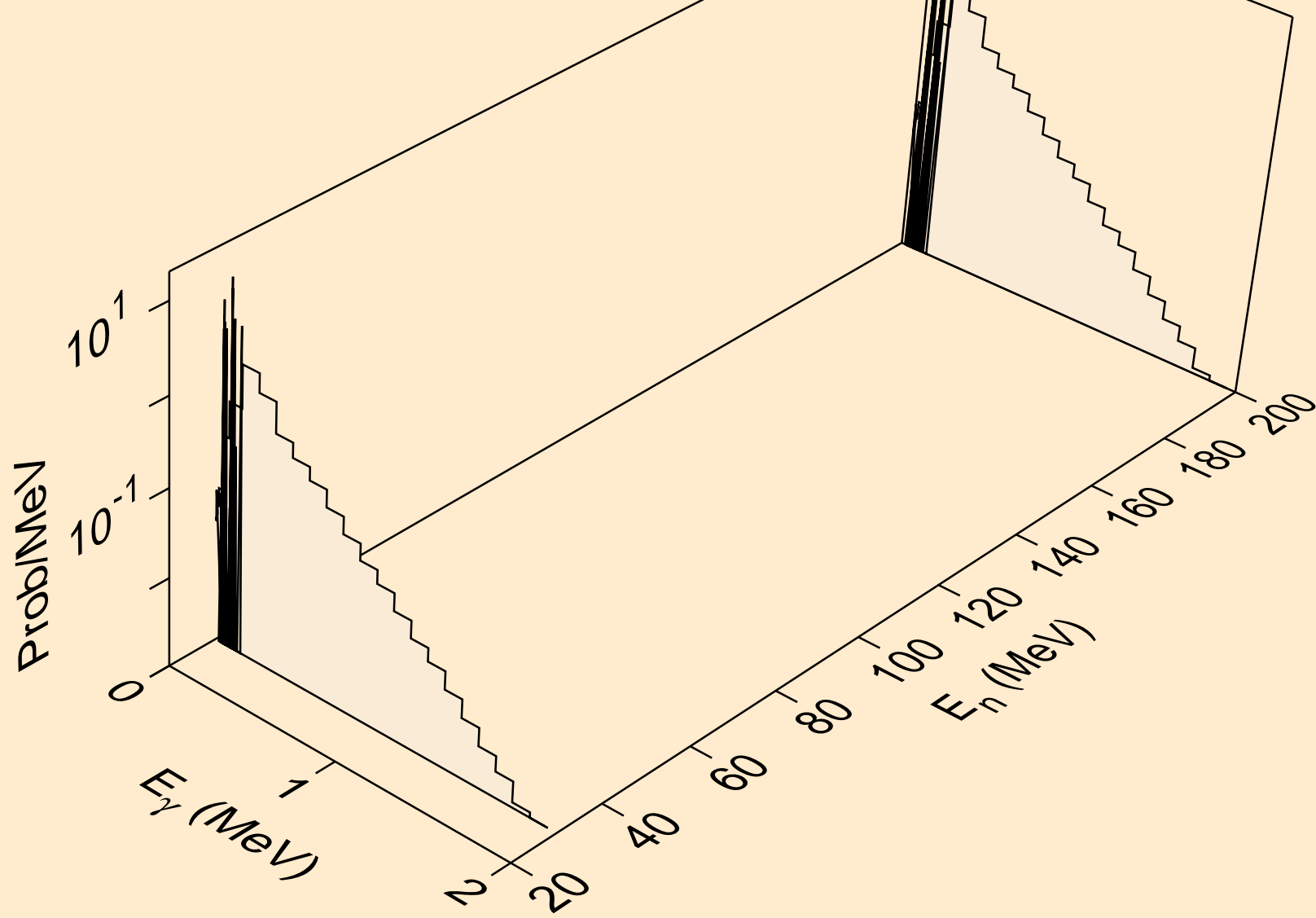
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

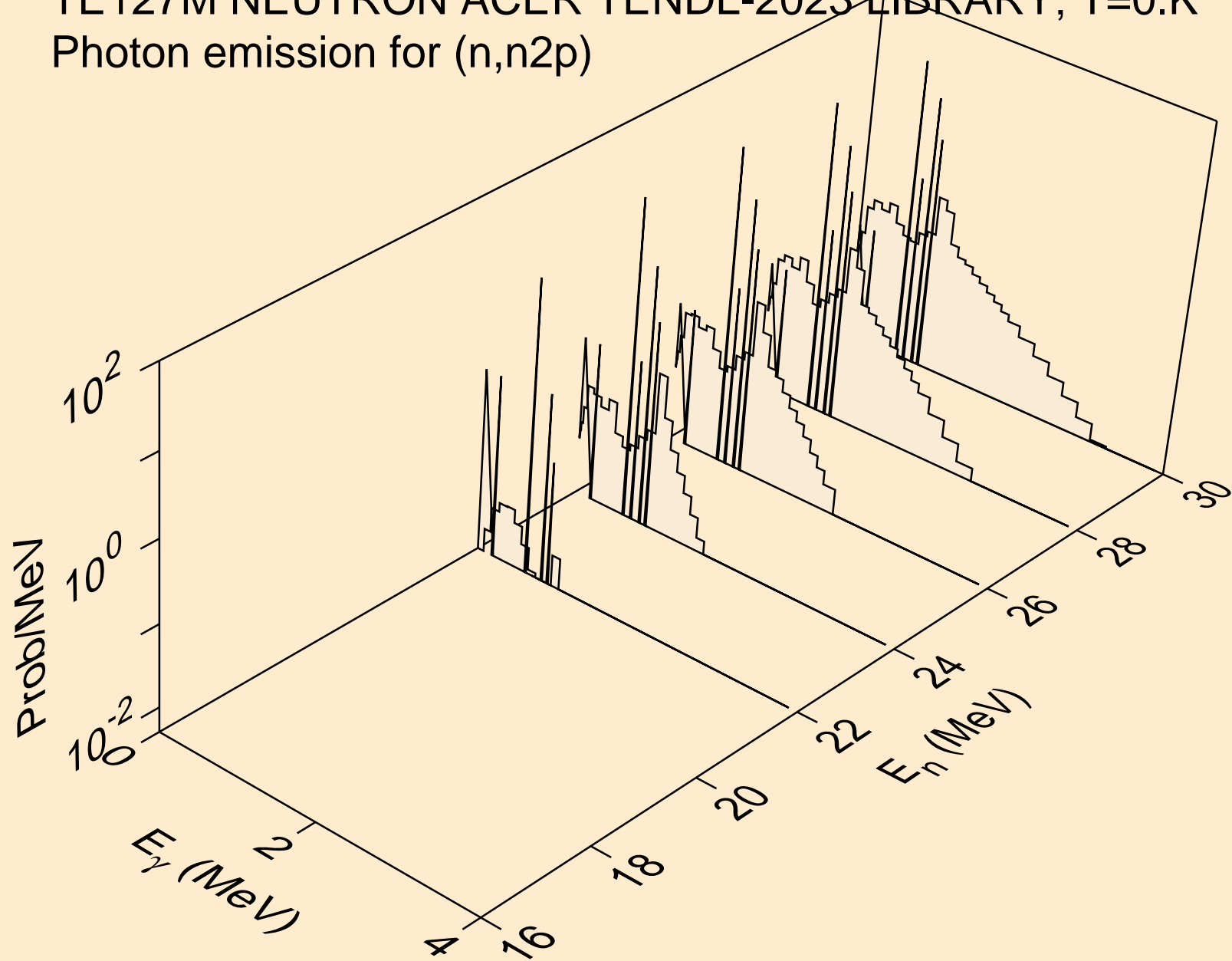


TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

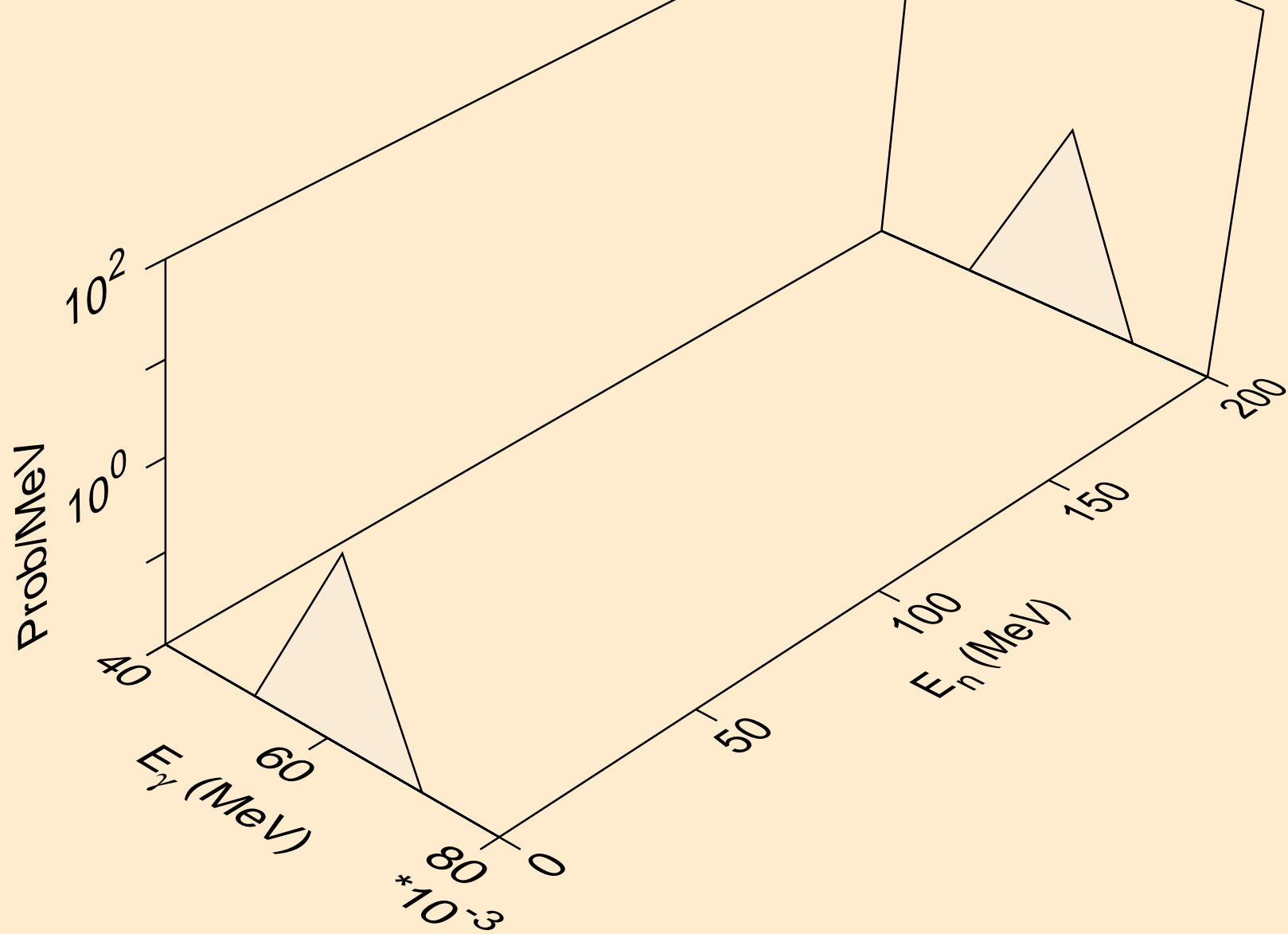




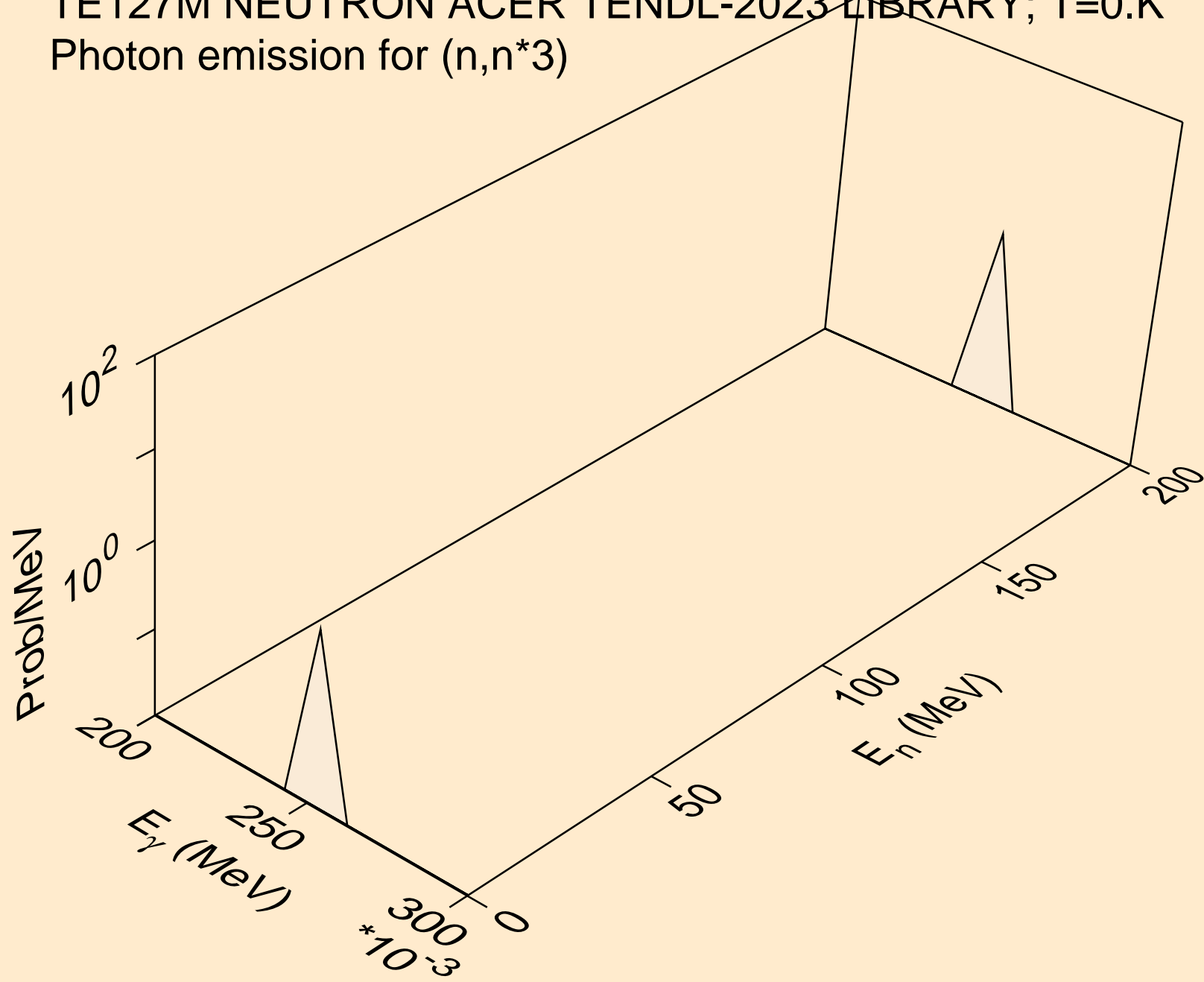
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Photon emission for (n,n2p)



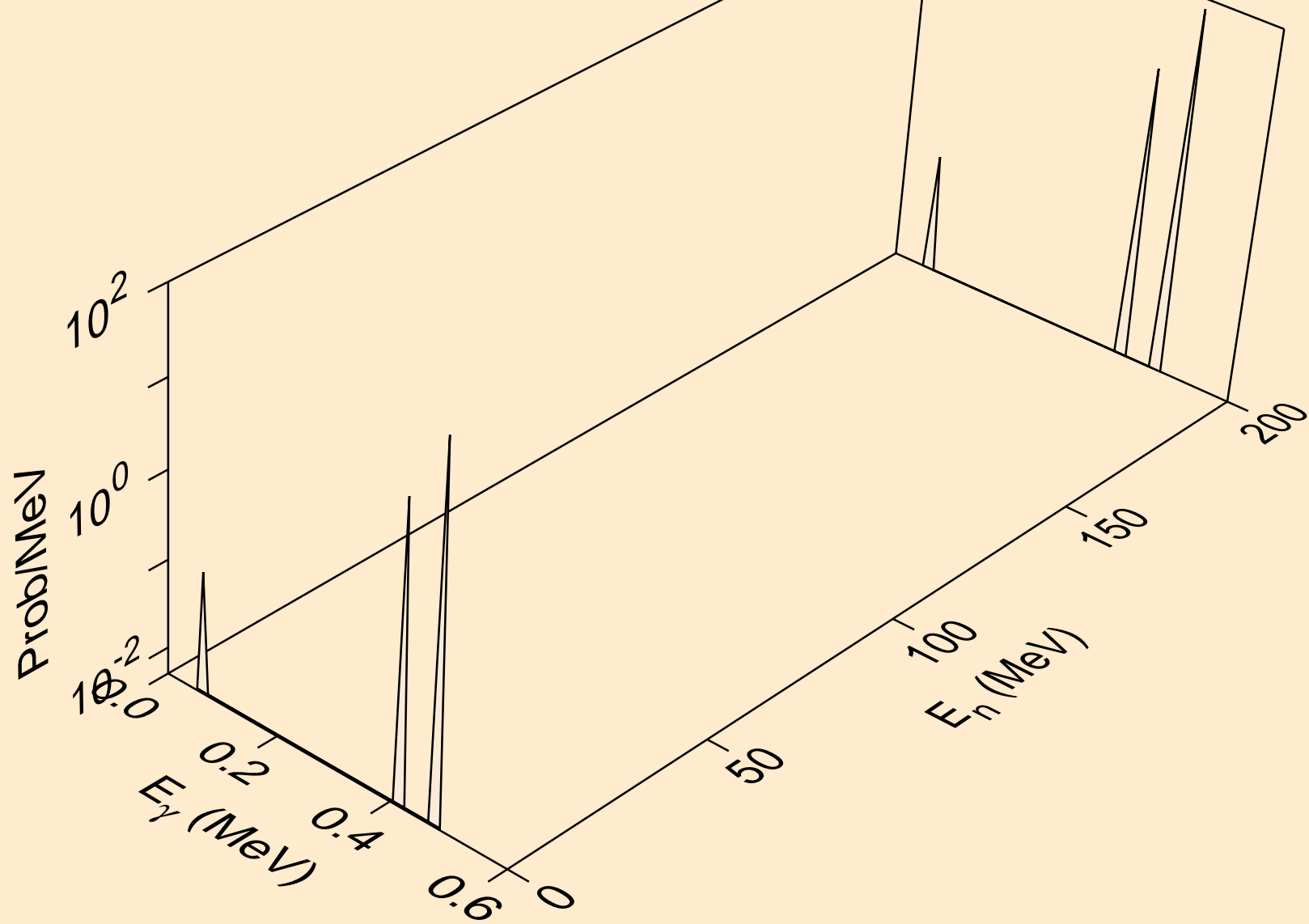
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Photon emission for (n,n\*1)



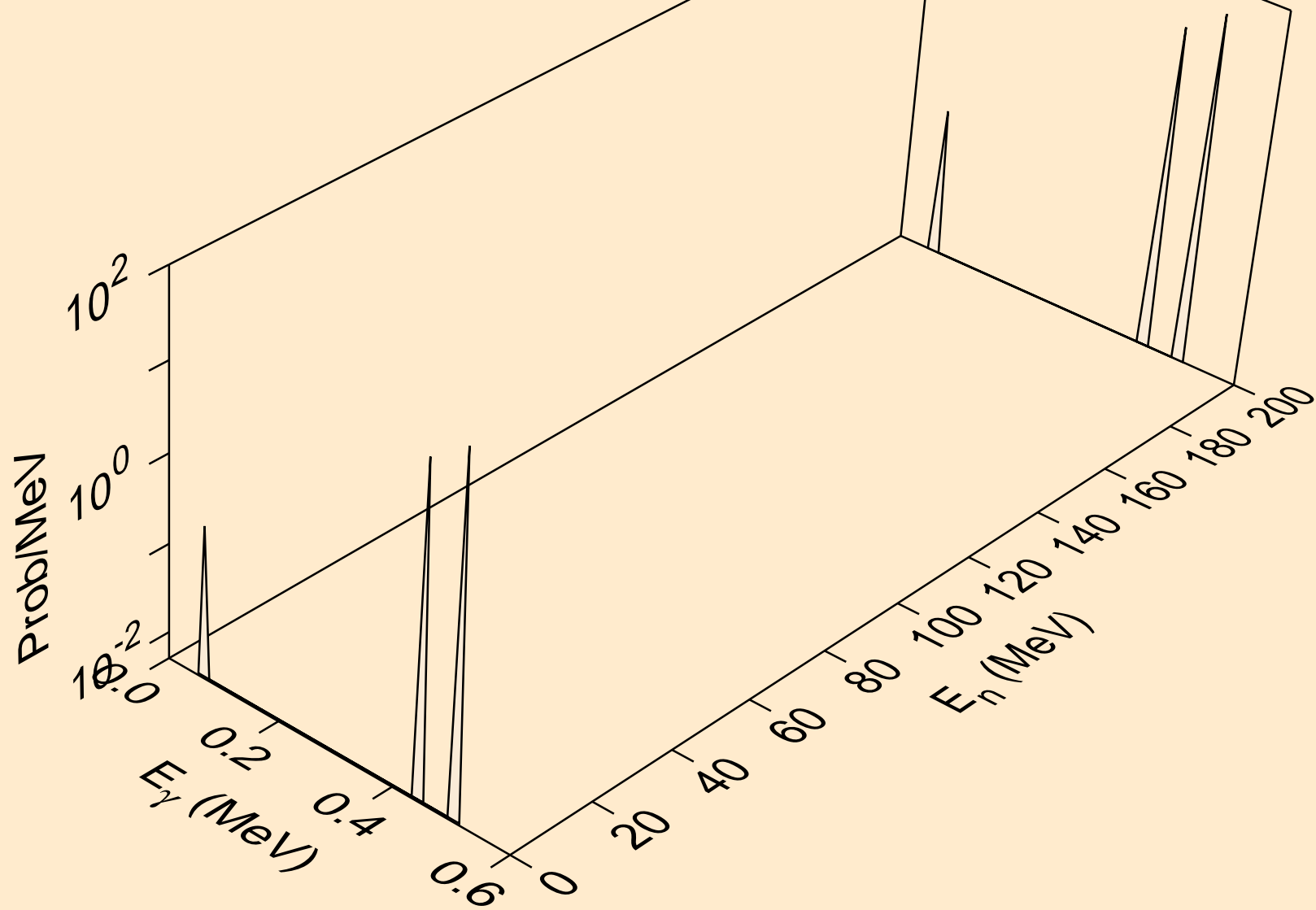
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Photon emission for (n,n\*3)



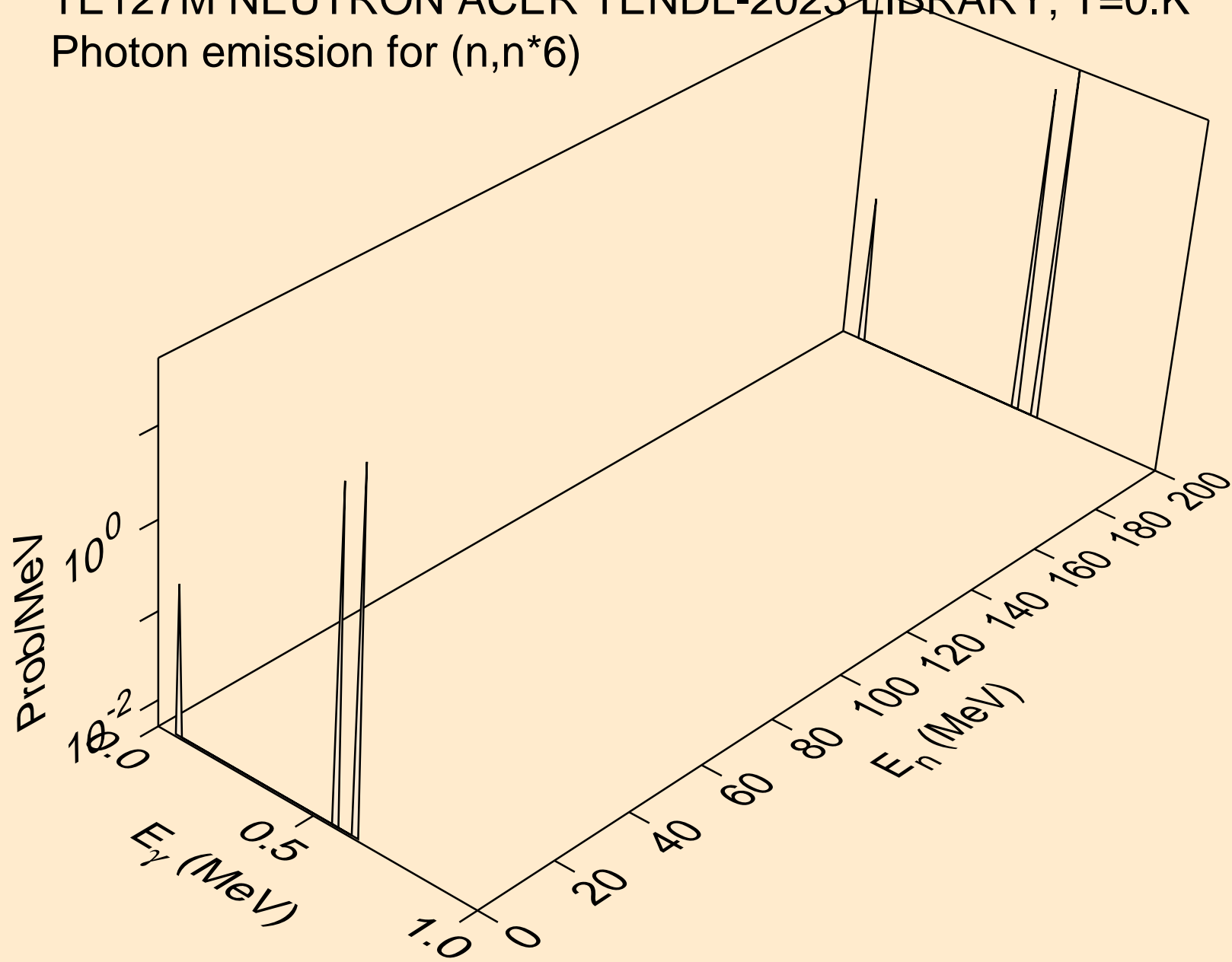
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Photon emission for (n,n\*4)



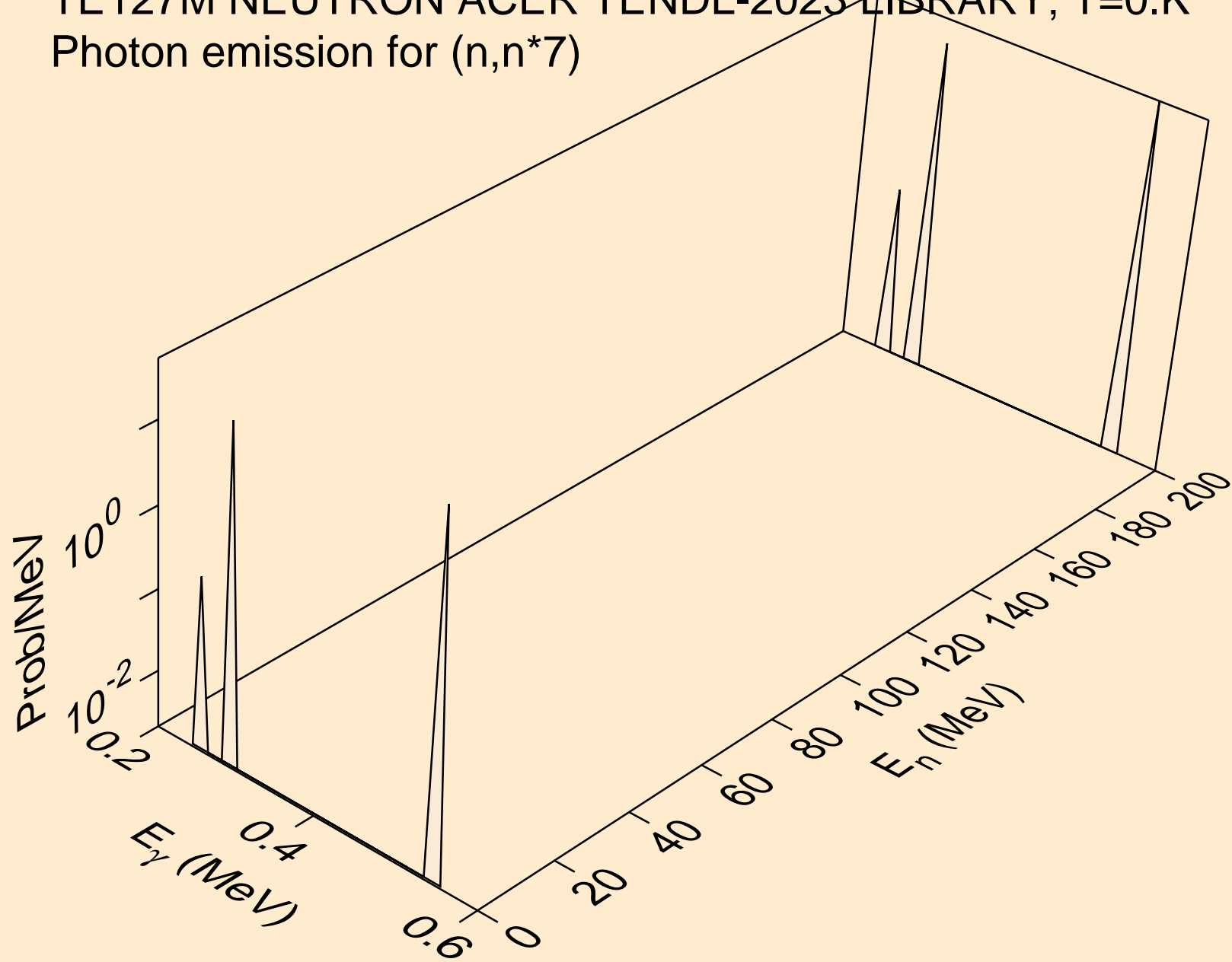
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Photon emission for (n,n\*5)



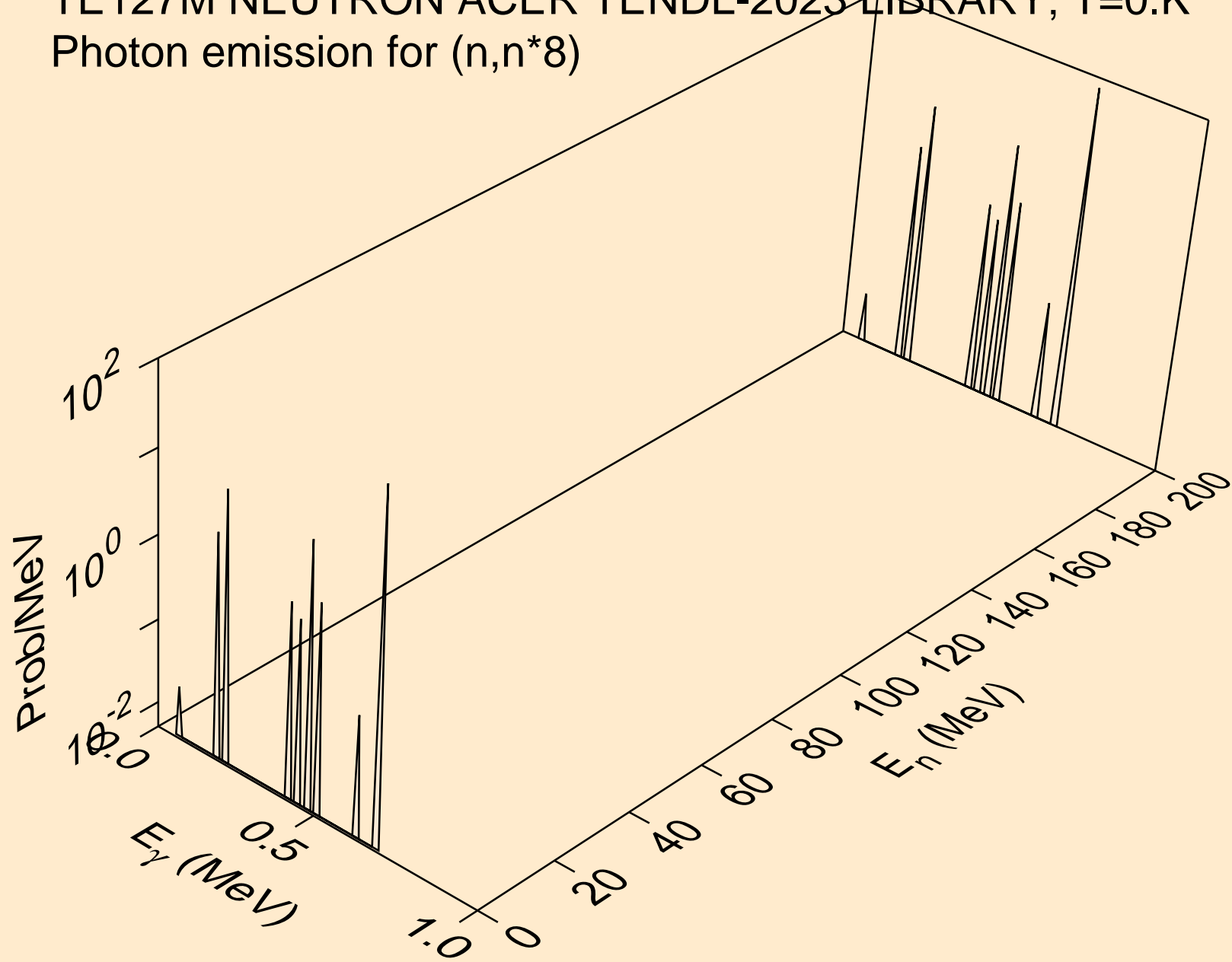
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*6)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*7)

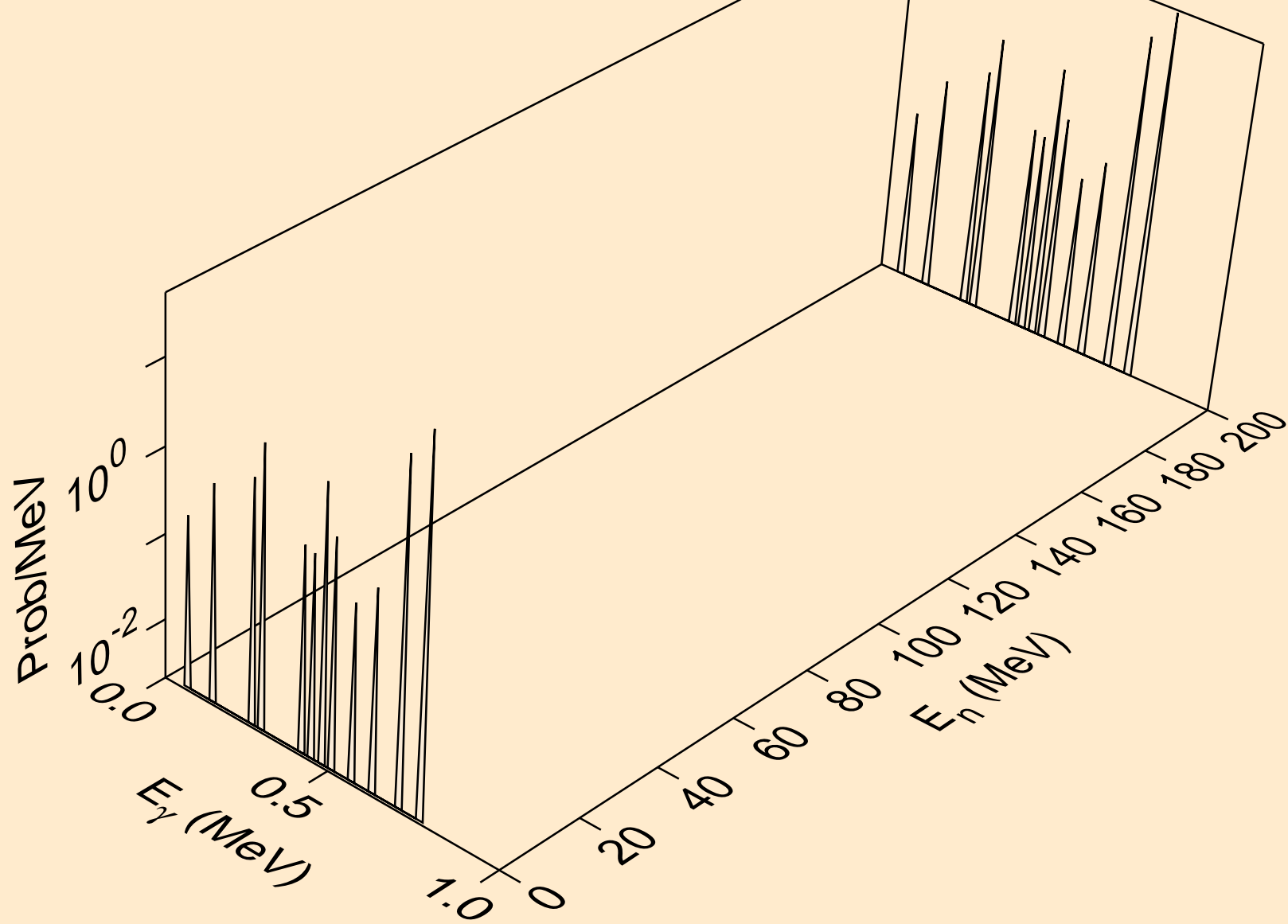


TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*8)

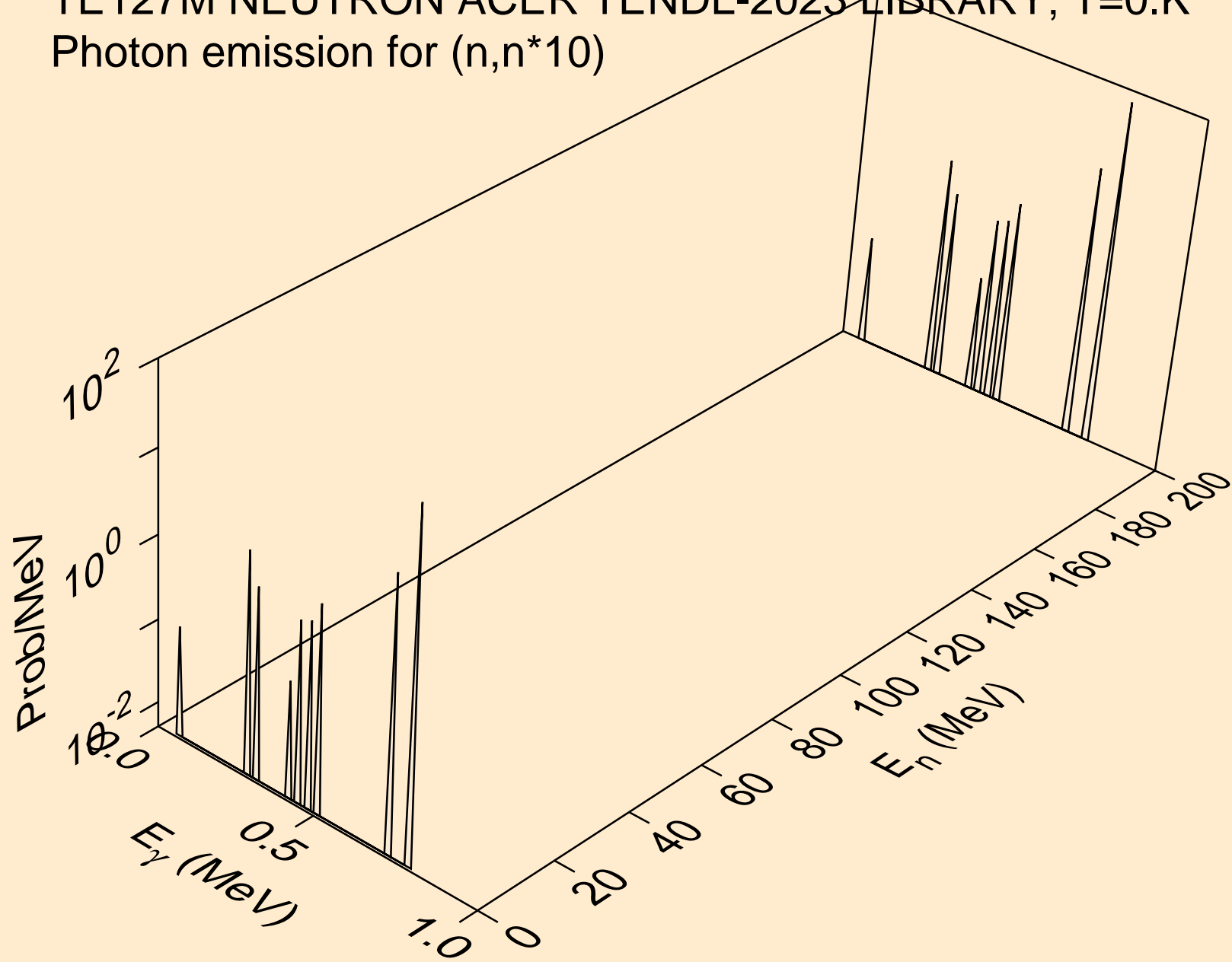




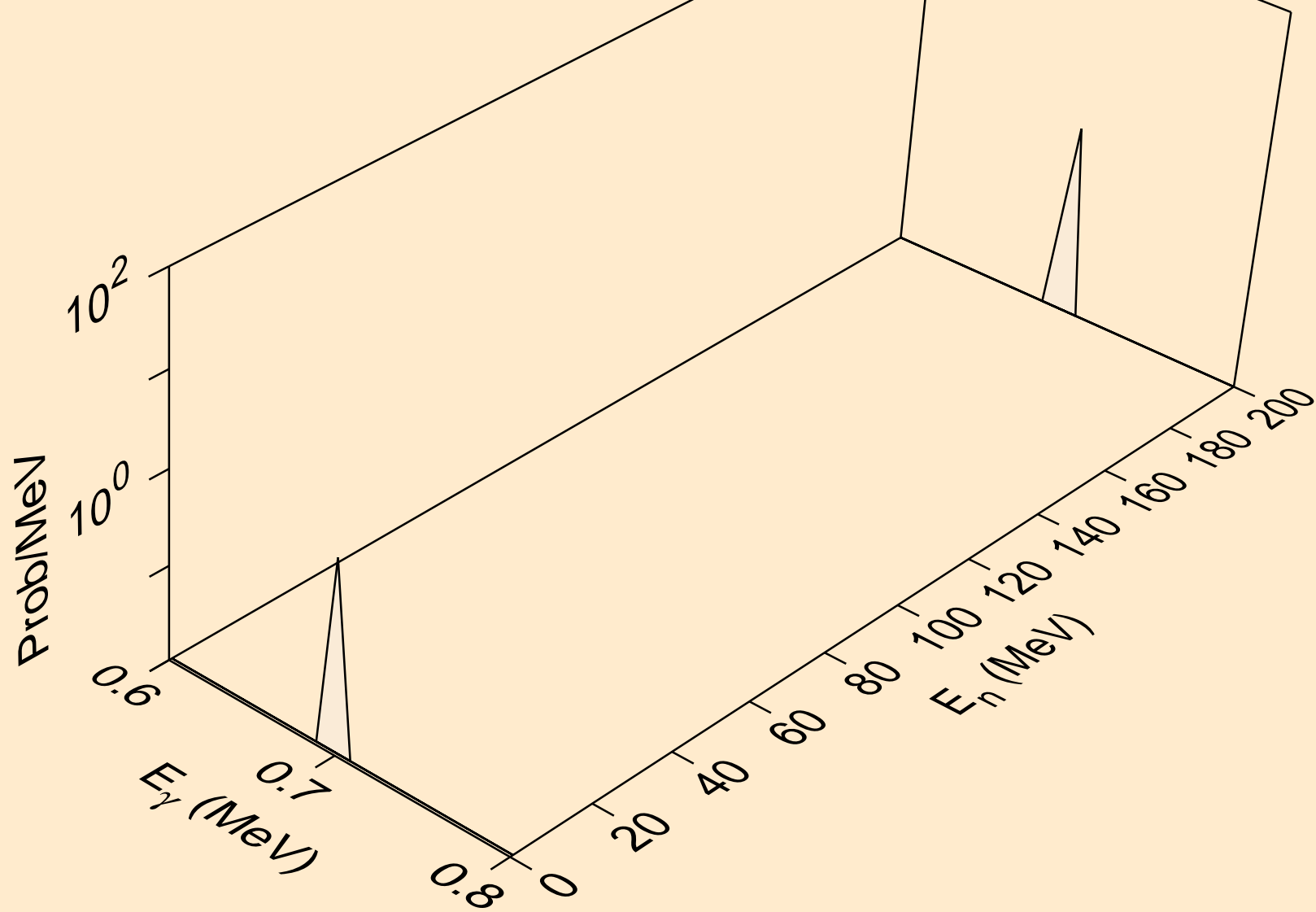
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Photon emission for (n,n\*9)



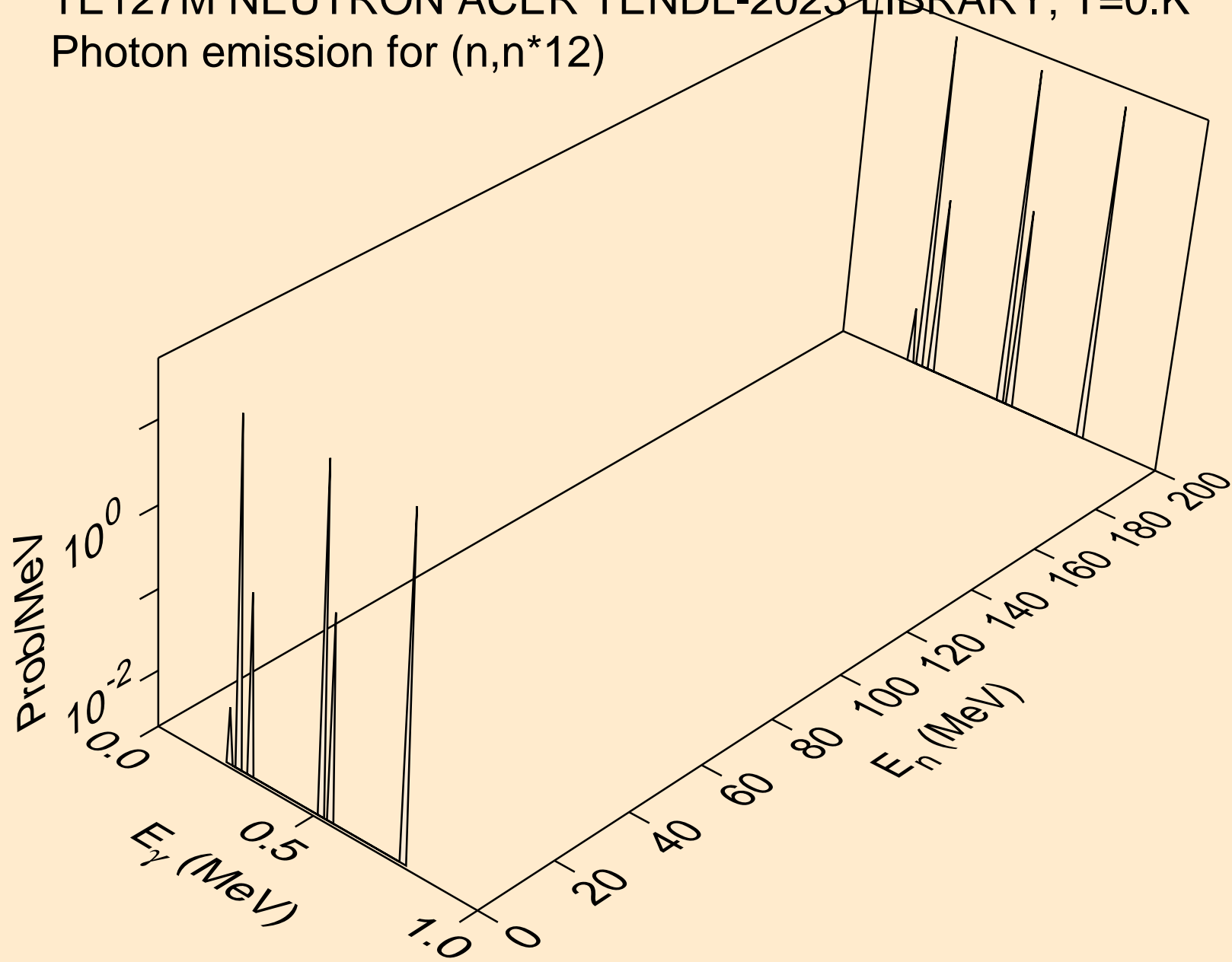
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Photon emission for (n,n\*10)



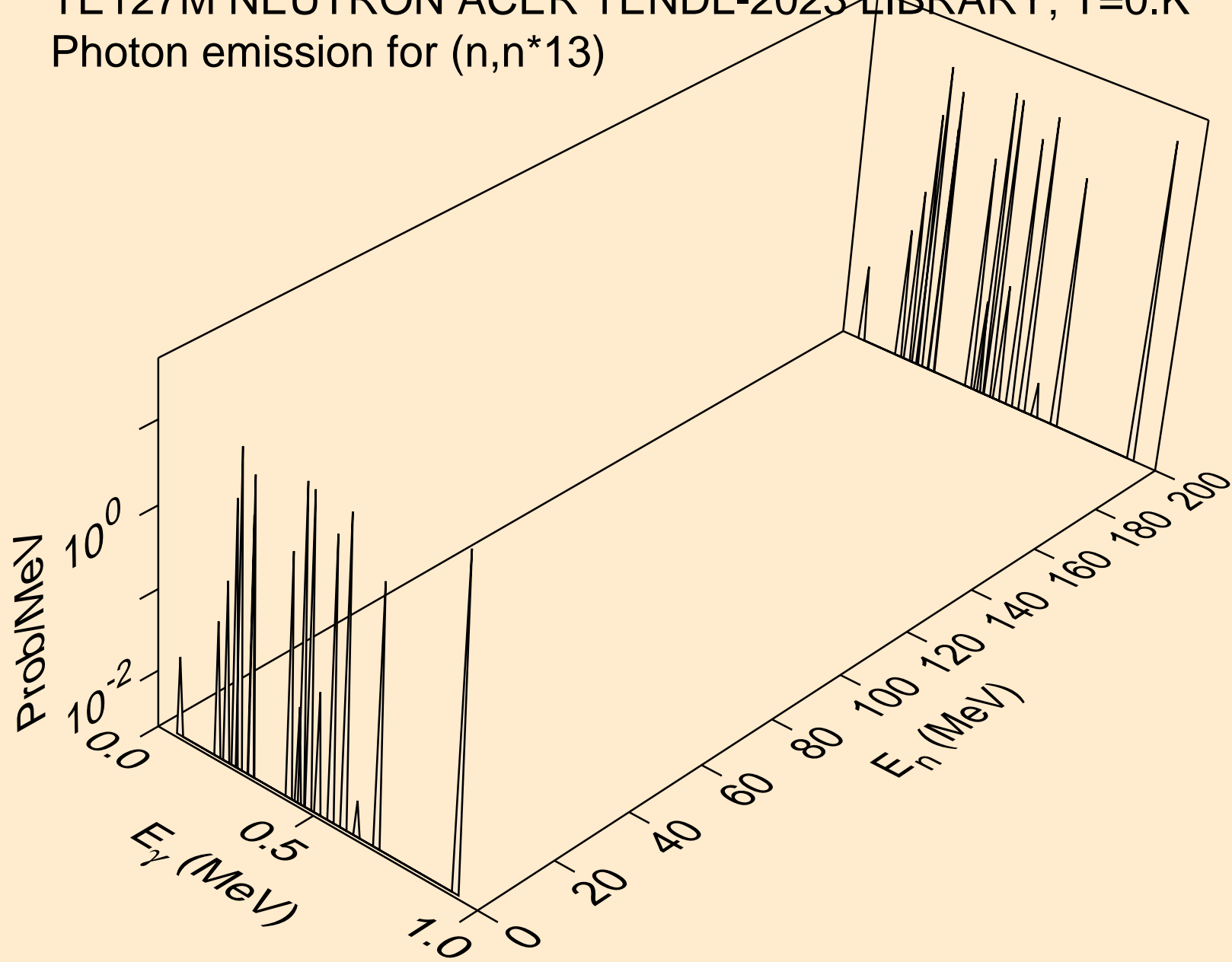
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Photon emission for (n,n\*11)



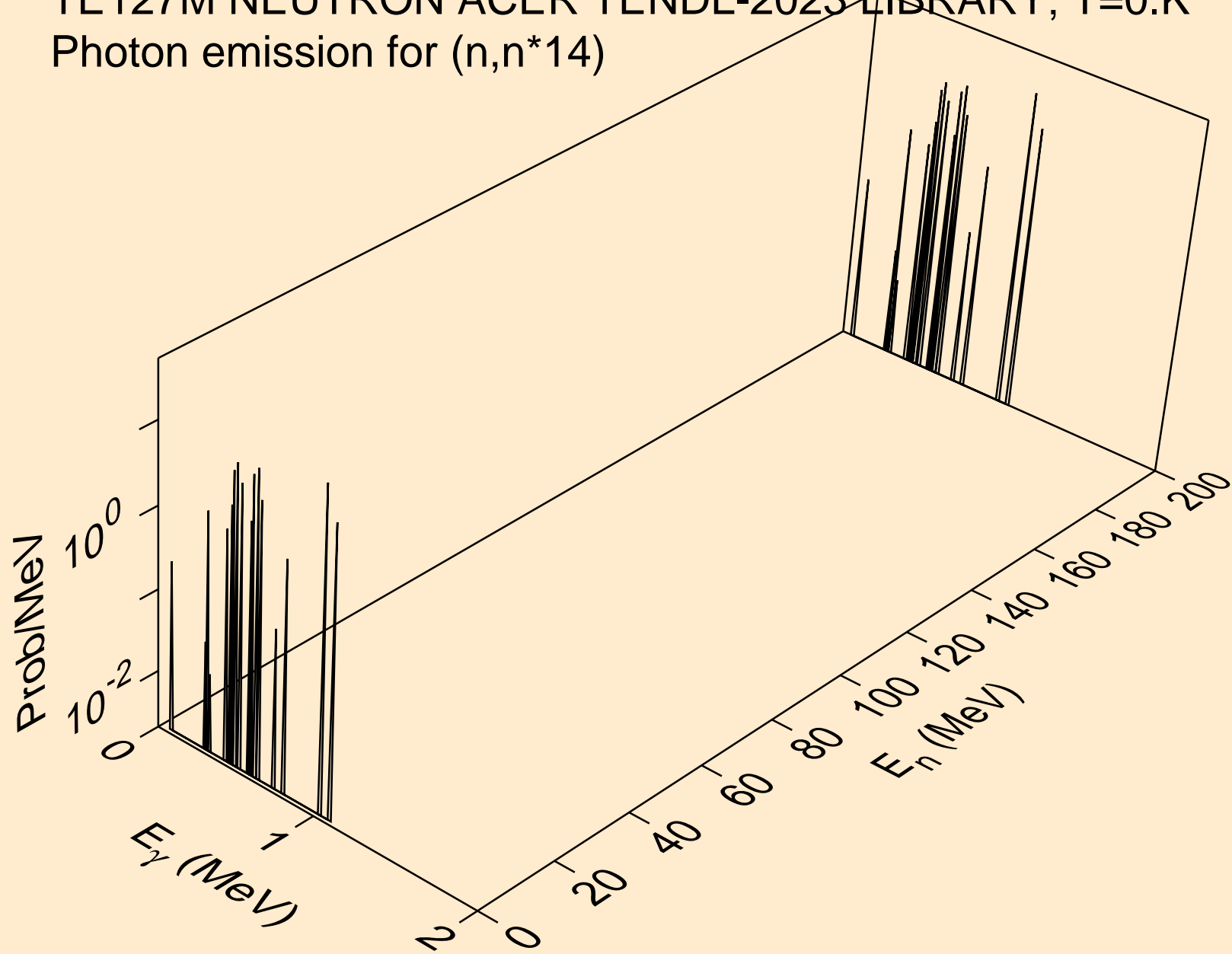
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Photon emission for (n,n\*12)



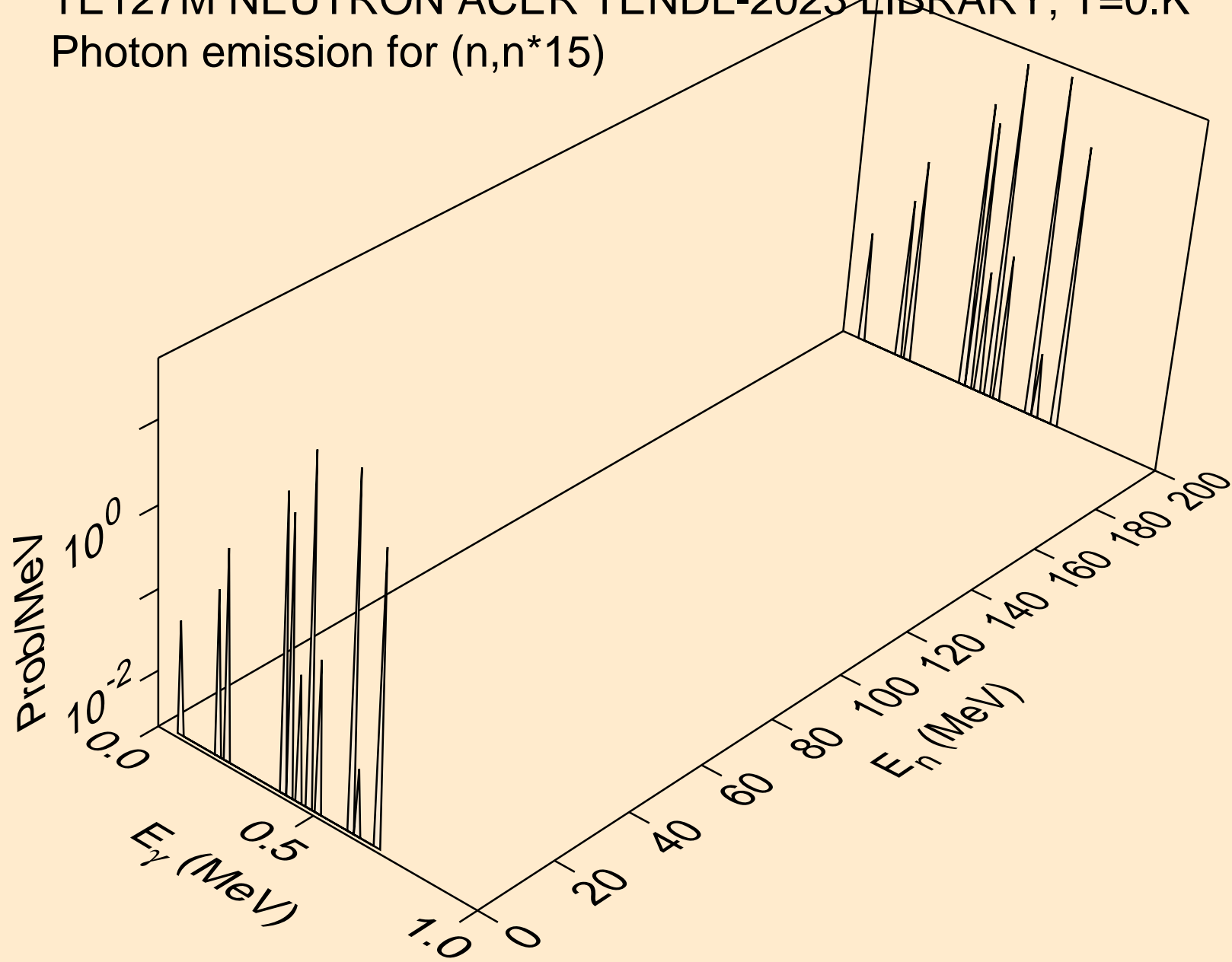
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Photon emission for (n,n\*13)



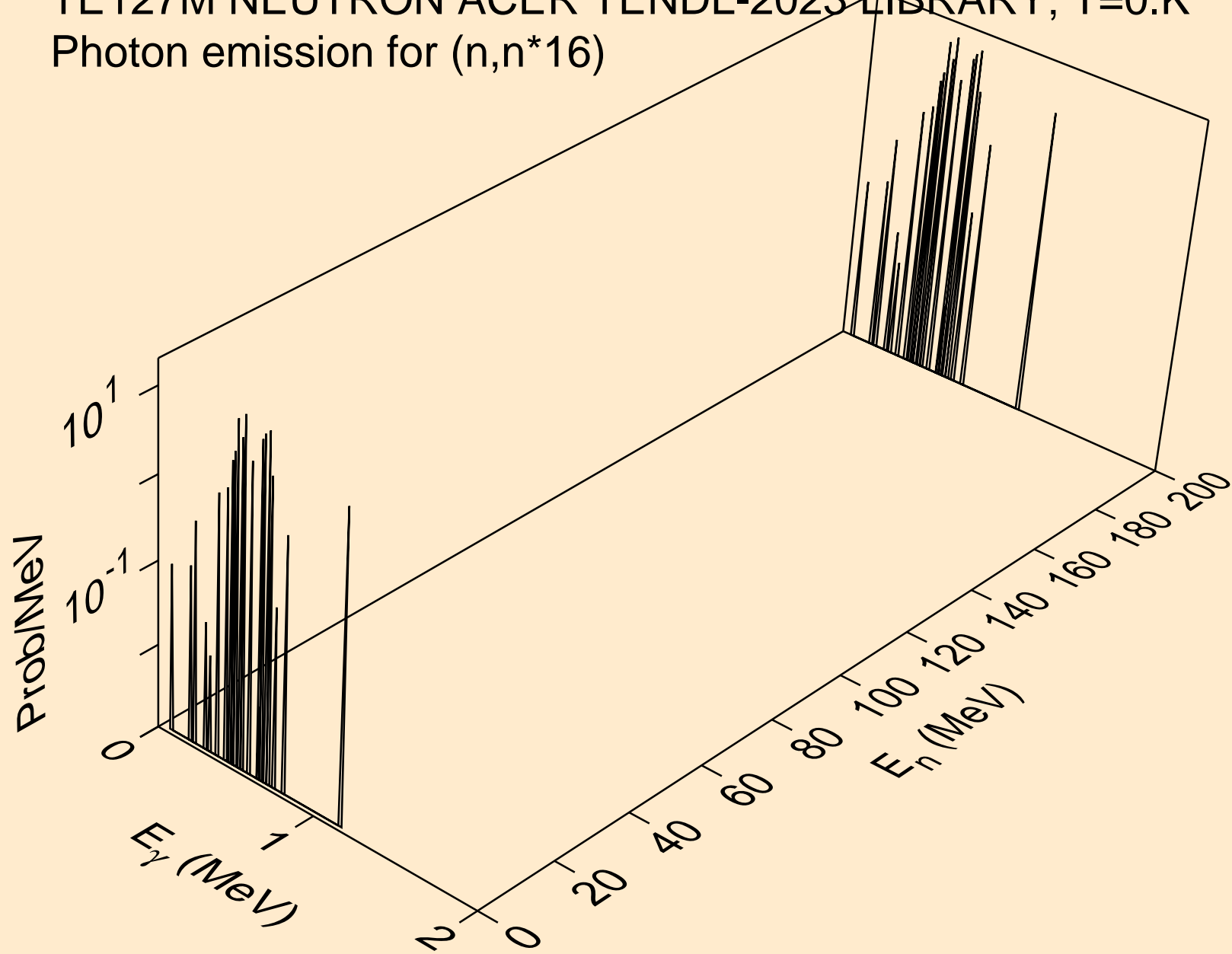
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*14)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*15)

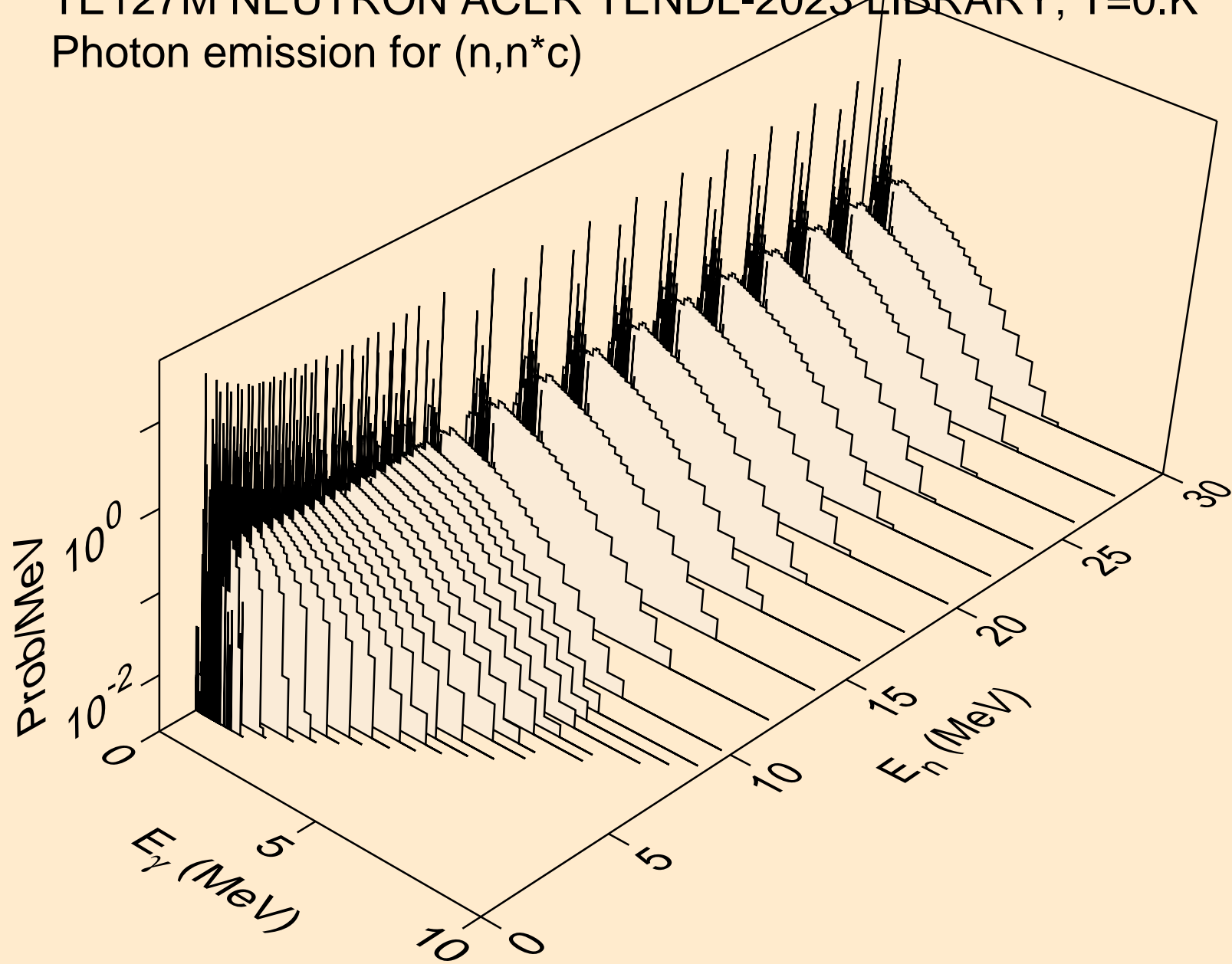


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Photon emission for (n,n\*16)

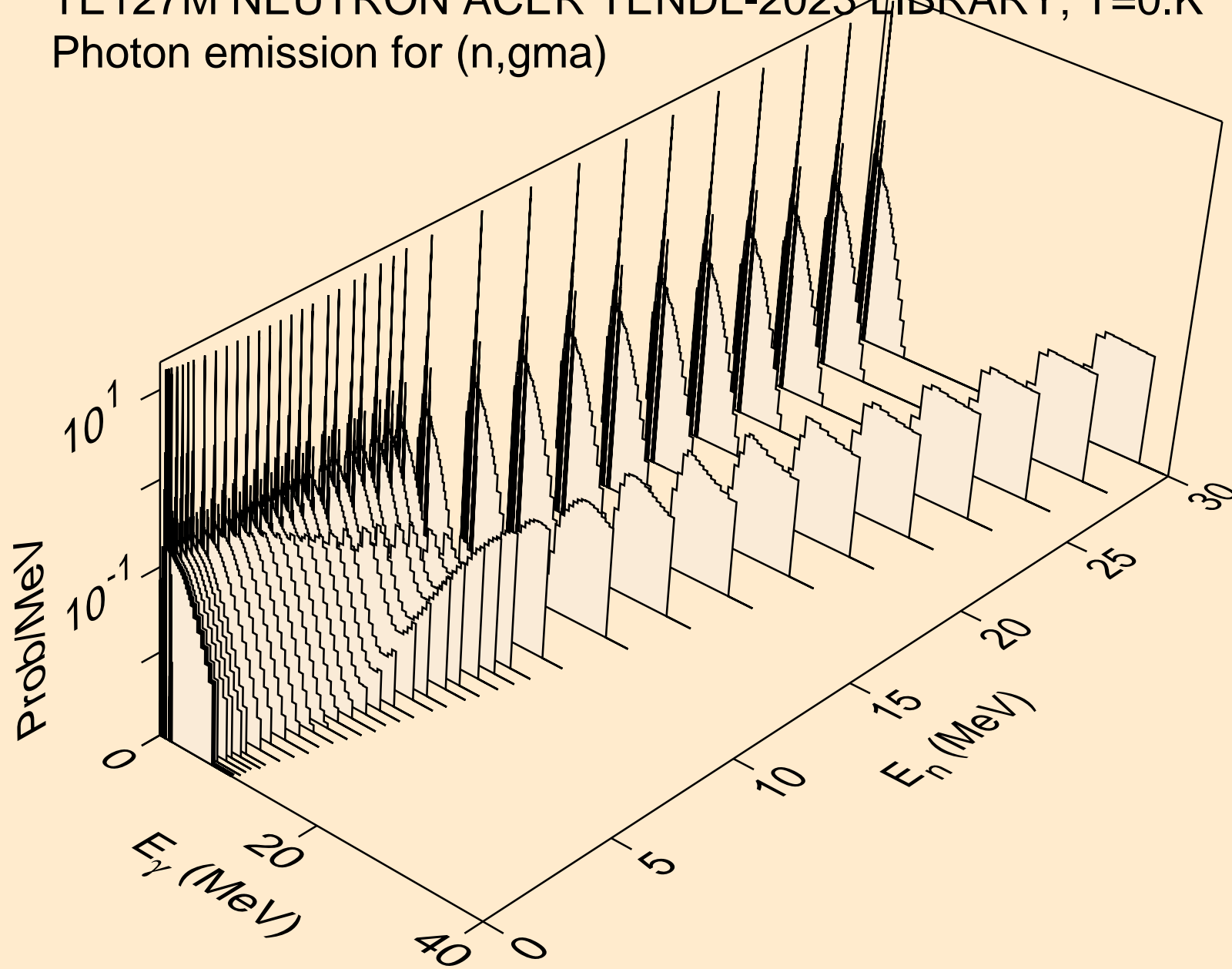




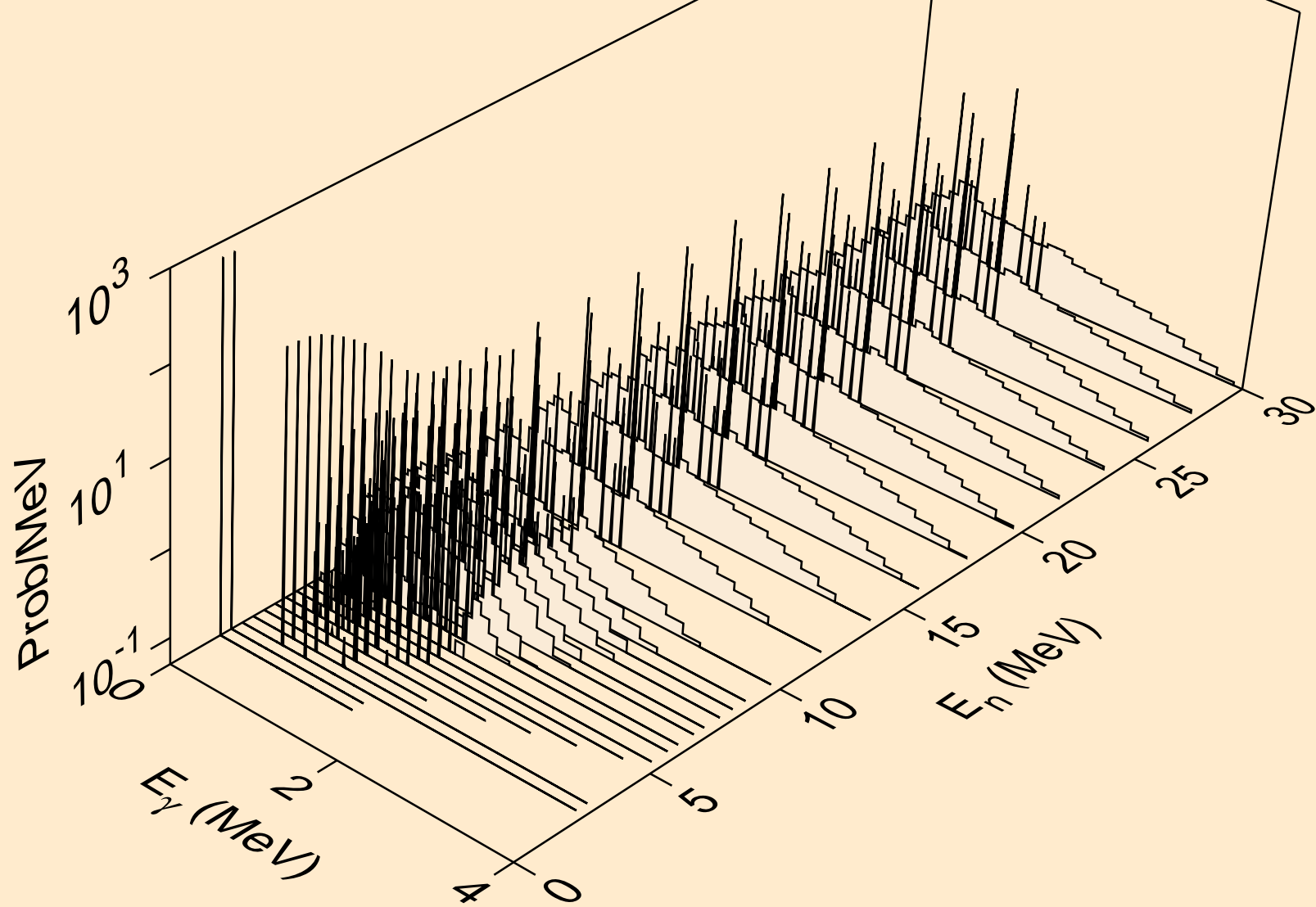
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Photon emission for (n,n\*c)



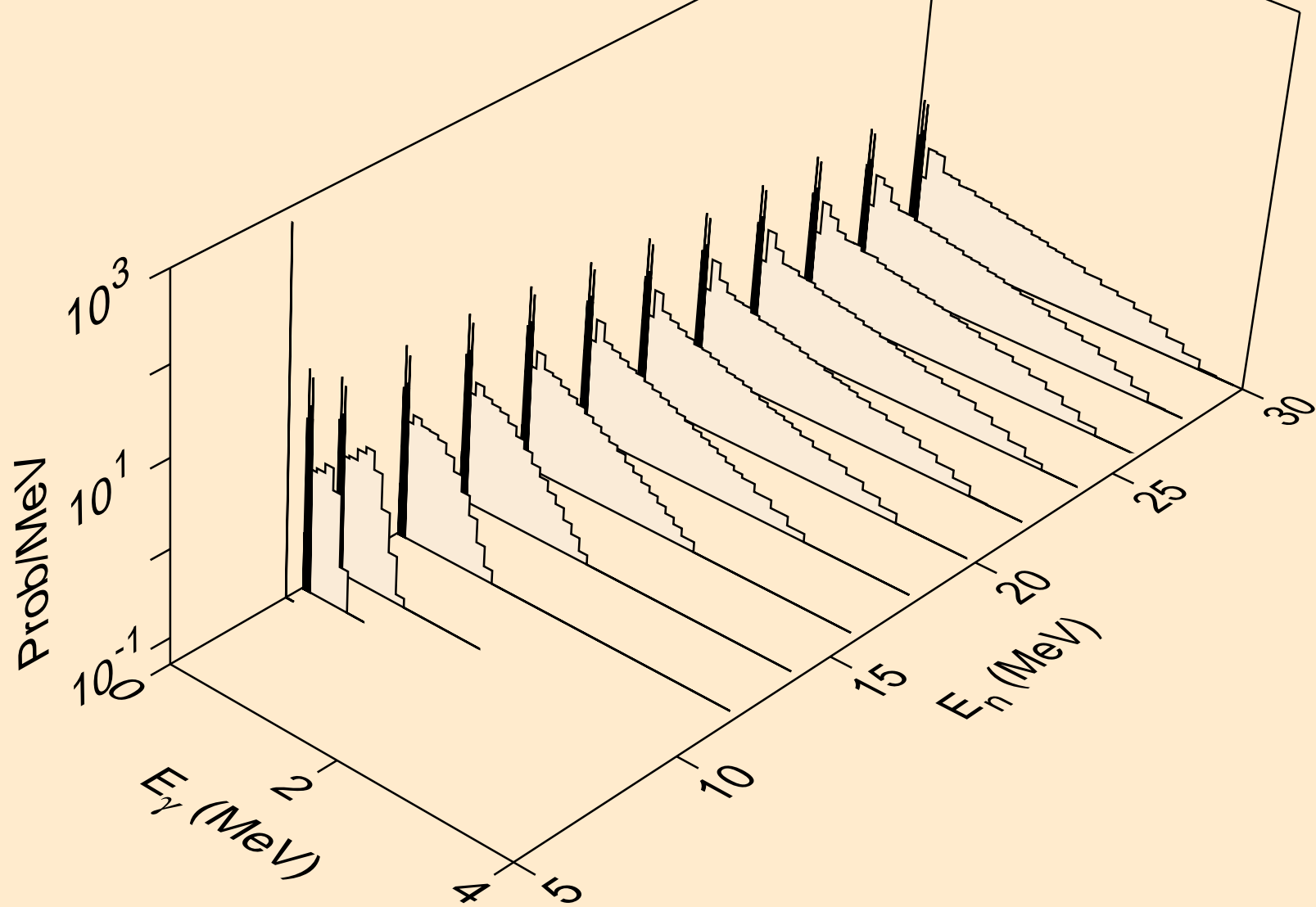
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Photon emission for (n,gma)



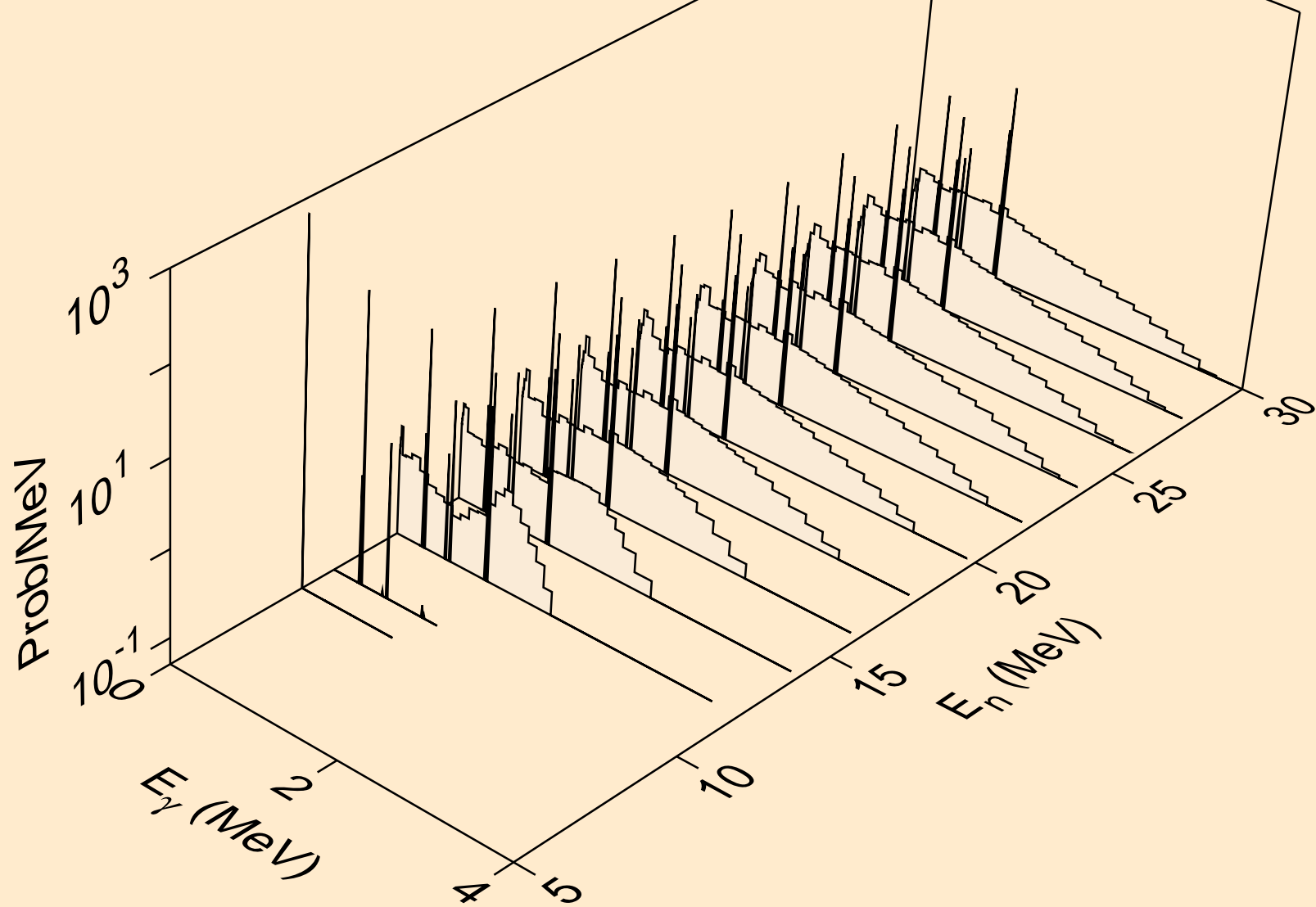
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Photon emission for (n,p)



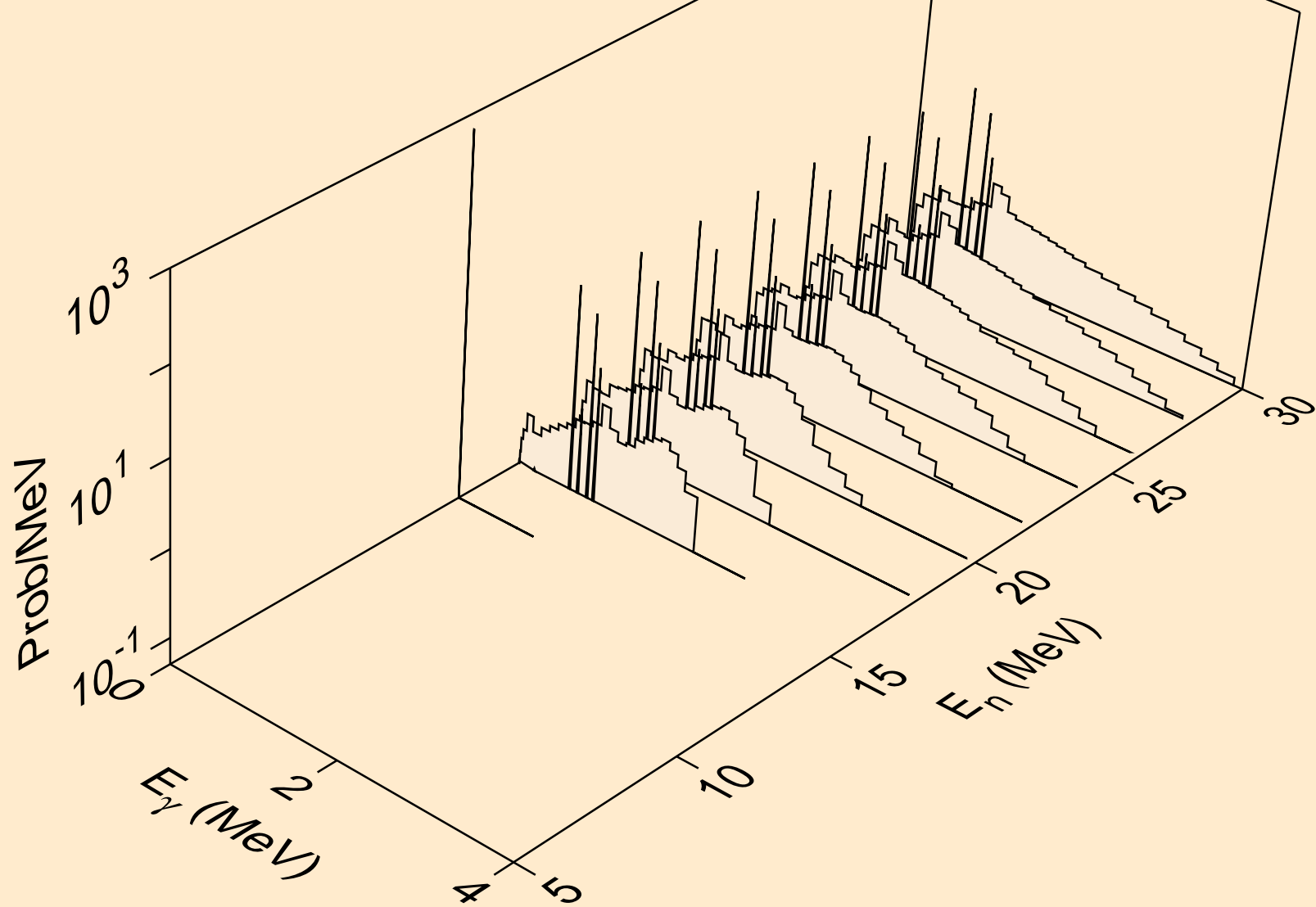
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Photon emission for (n,d)



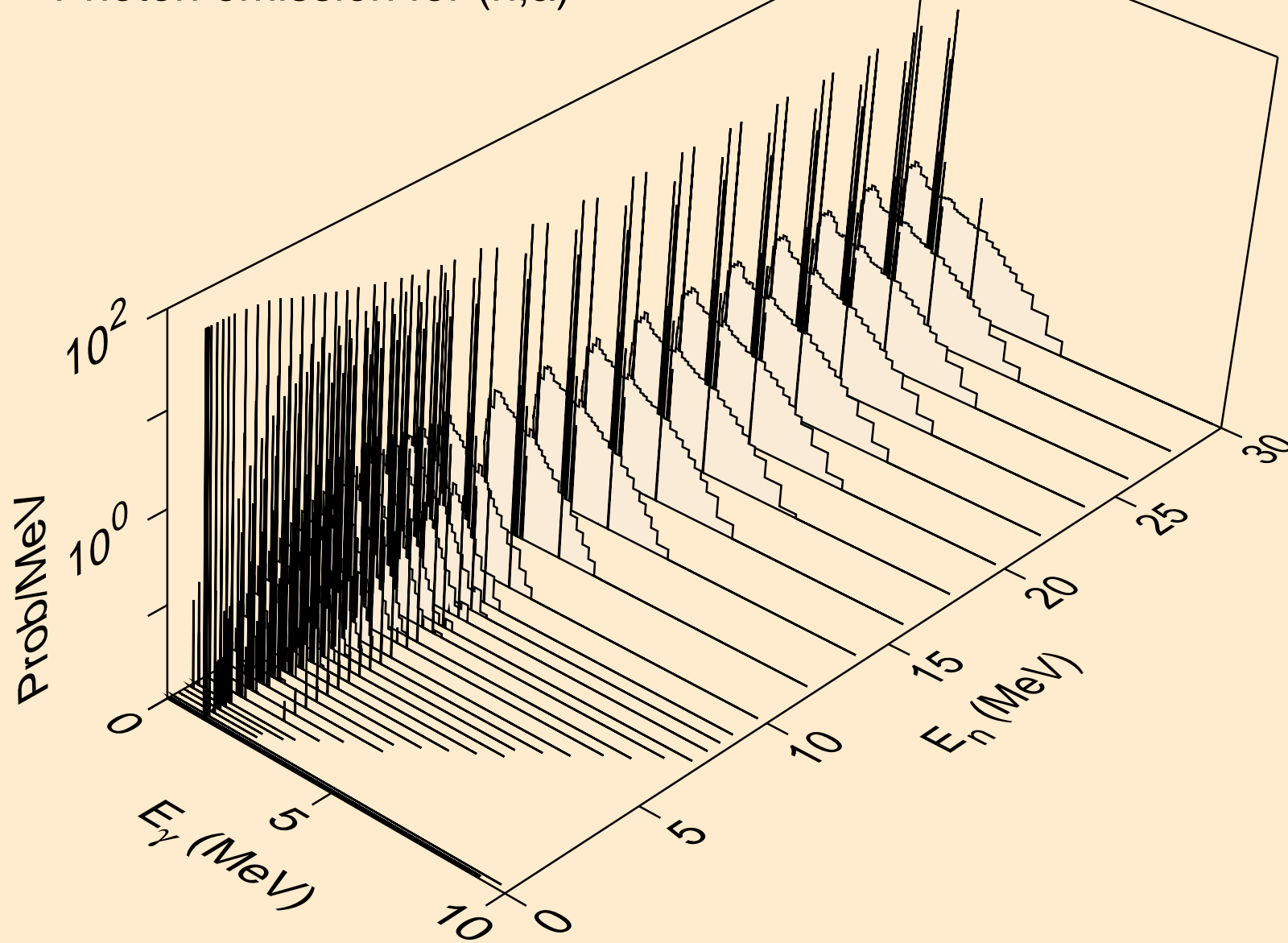
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Photon emission for (n,t)



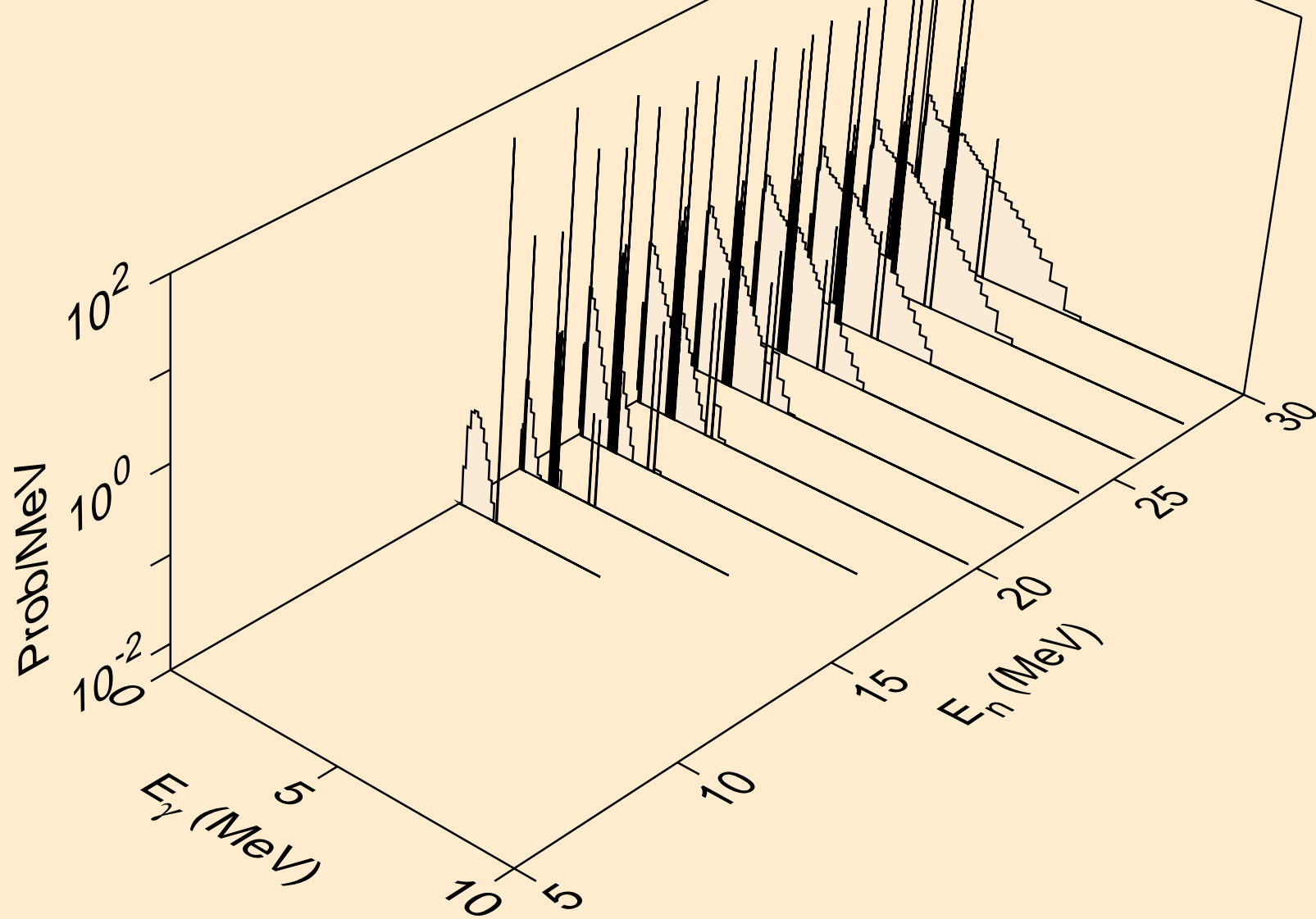
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Photon emission for (n,he3)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

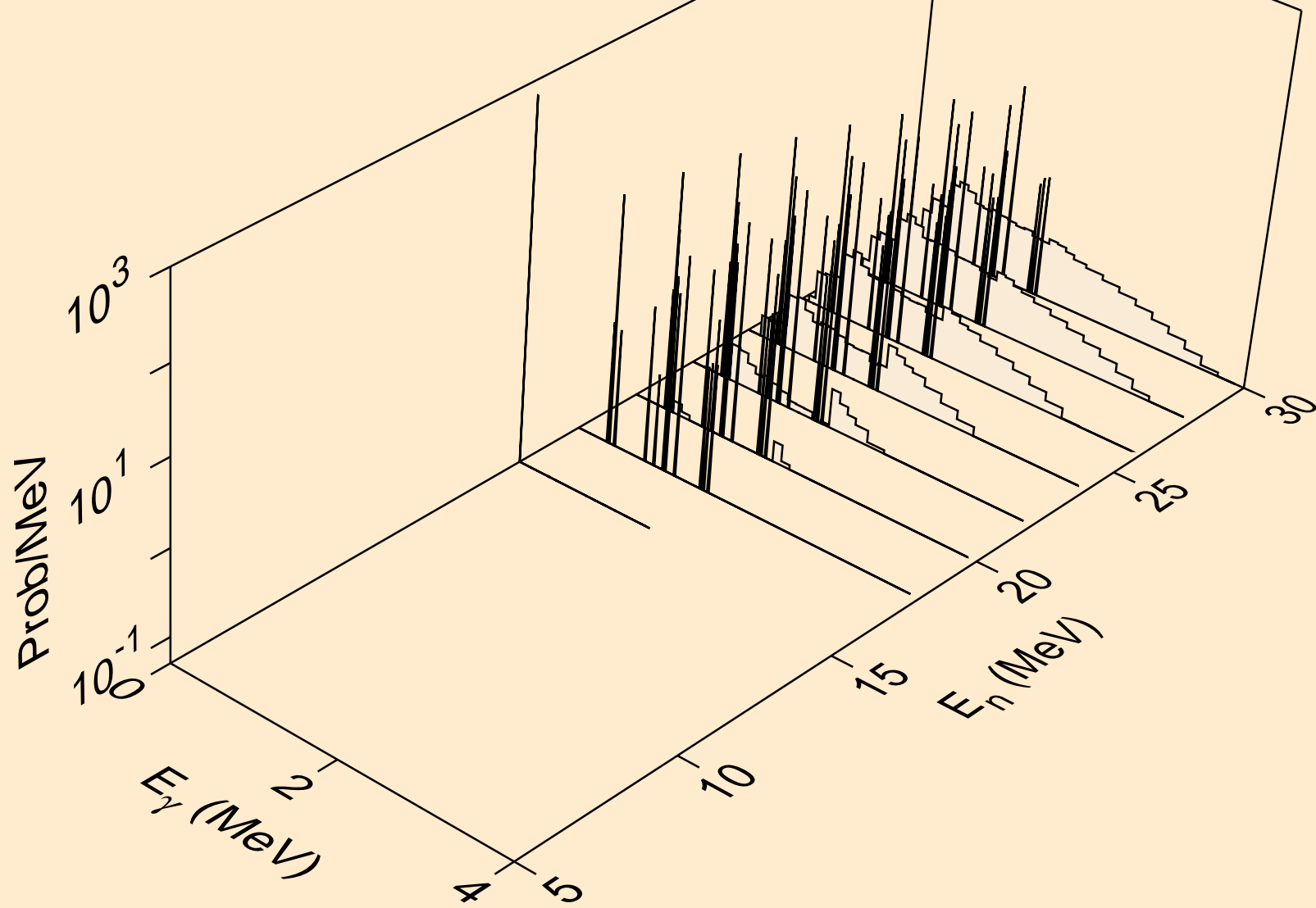


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Photon emission for (n,2p)

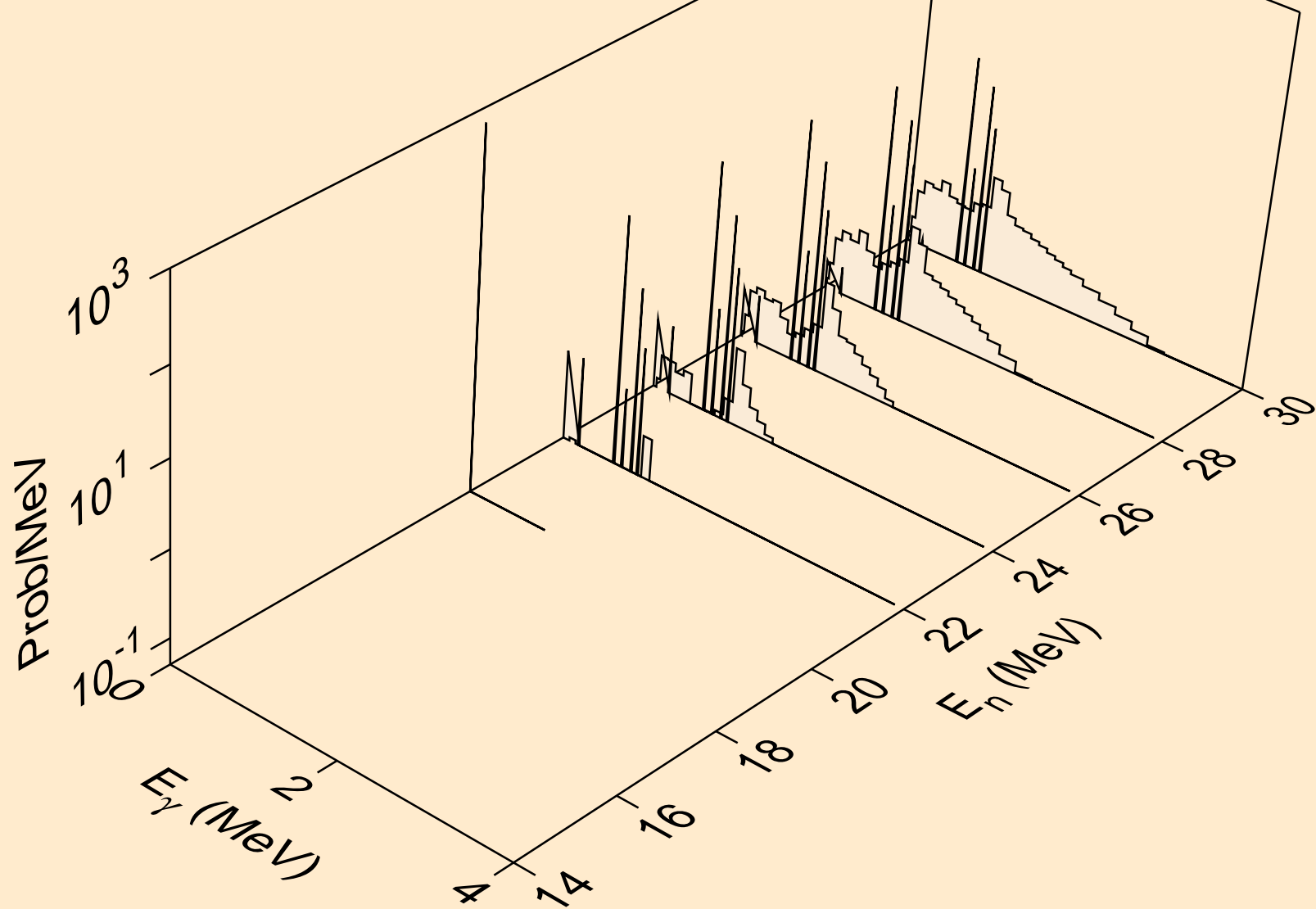




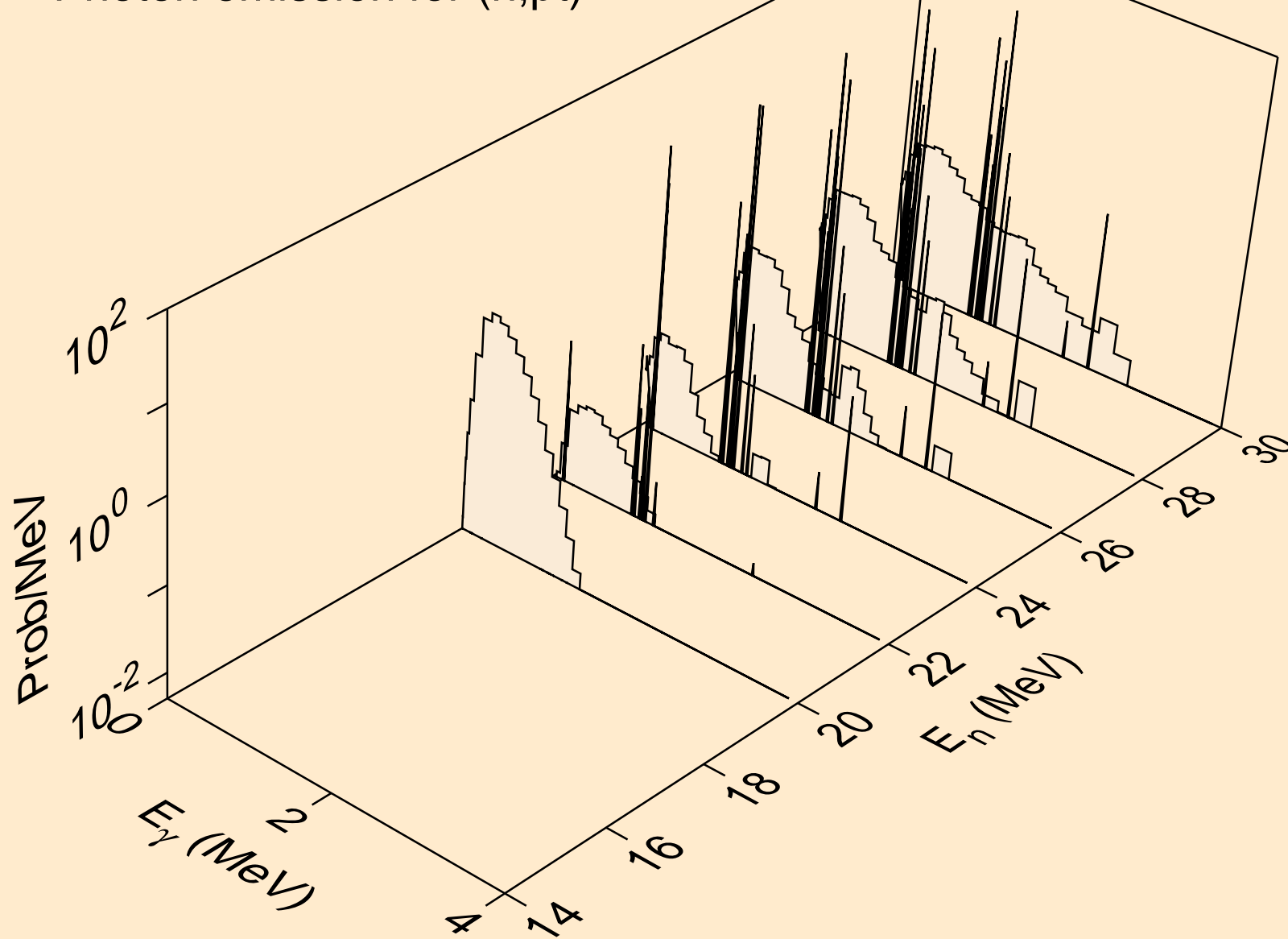
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Photon emission for (n,p $\alpha$ )



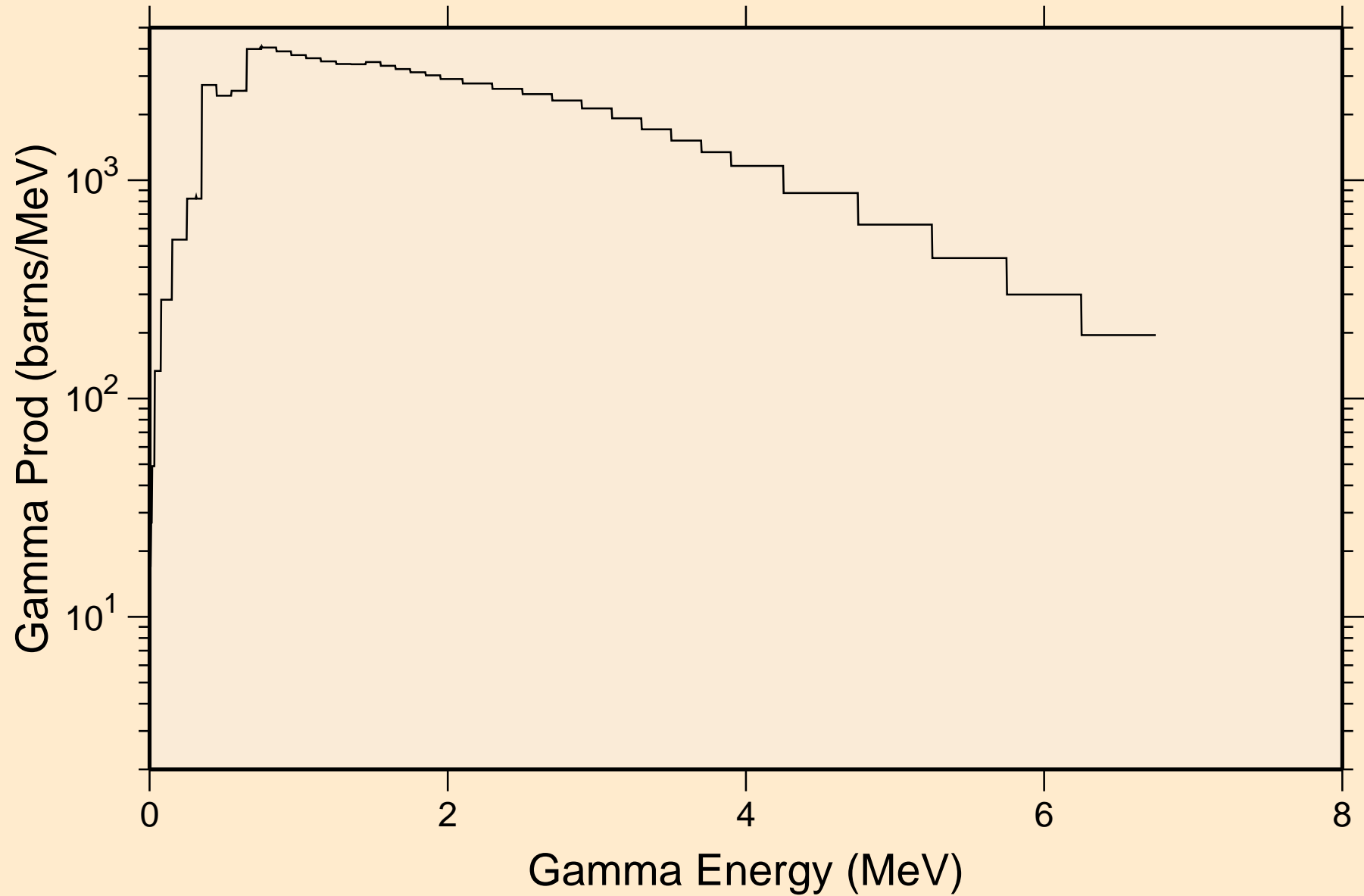
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Photon emission for (n,pd)



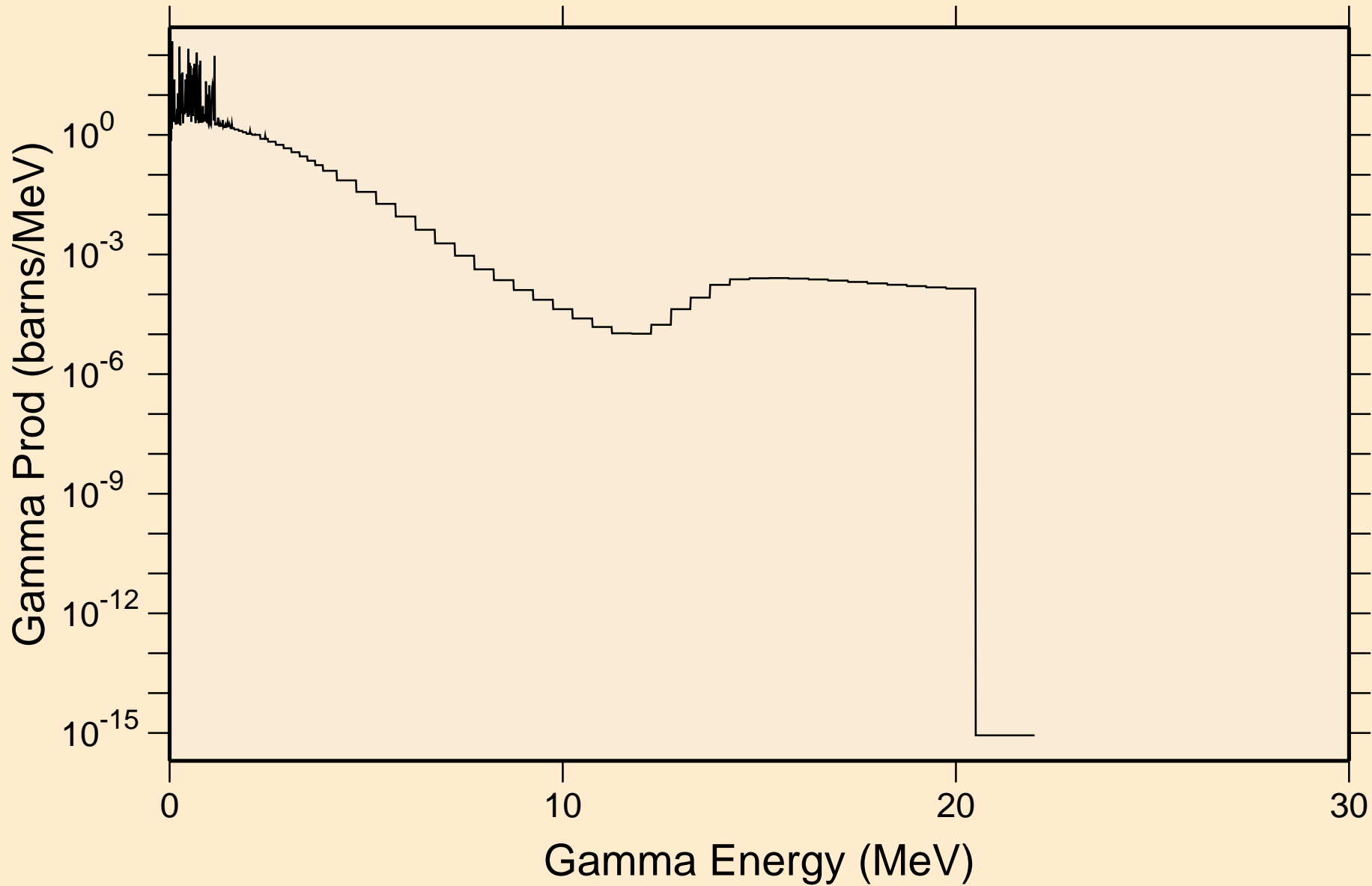
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

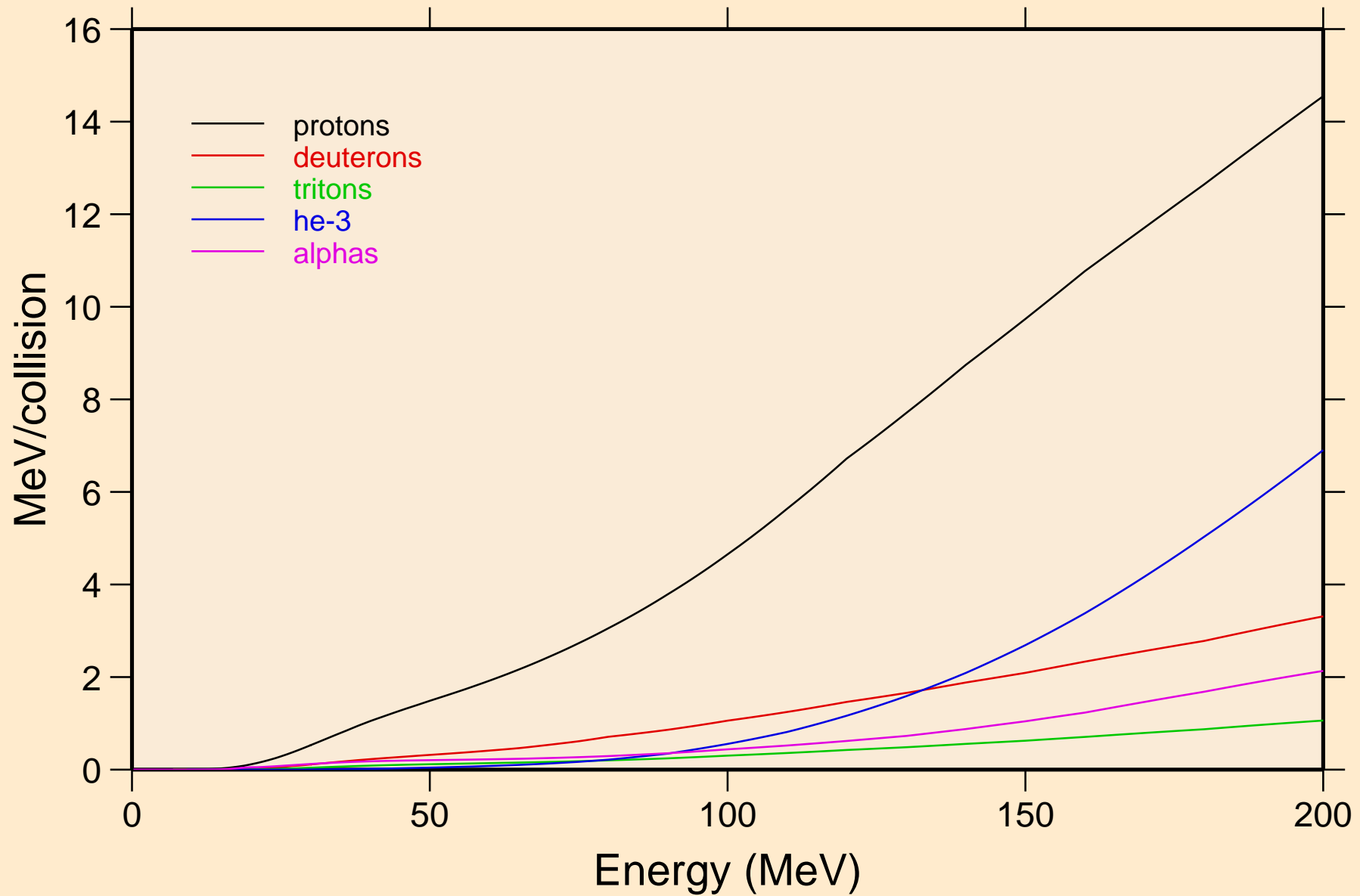


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14 MeV photon spectrum



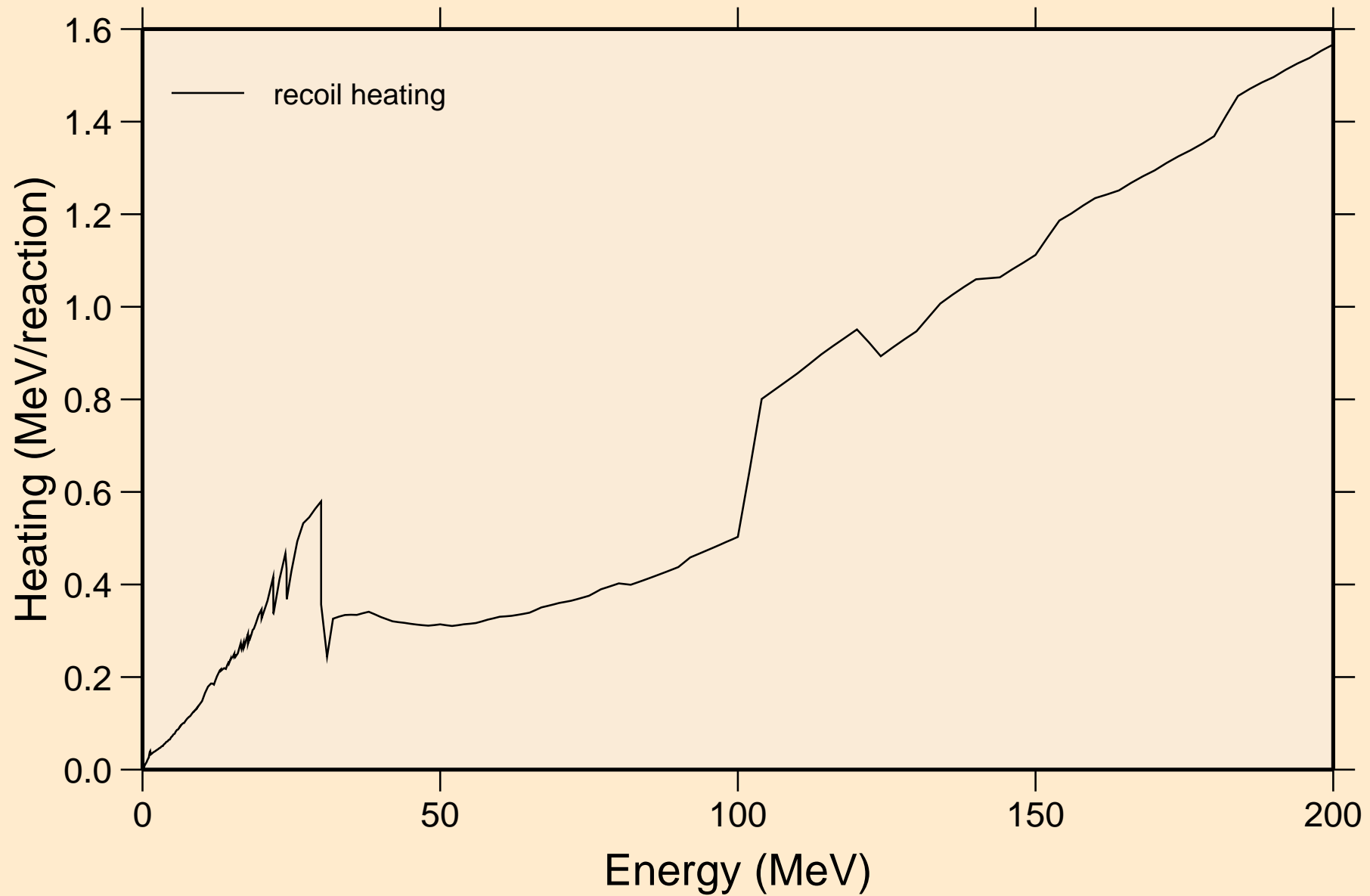
# TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

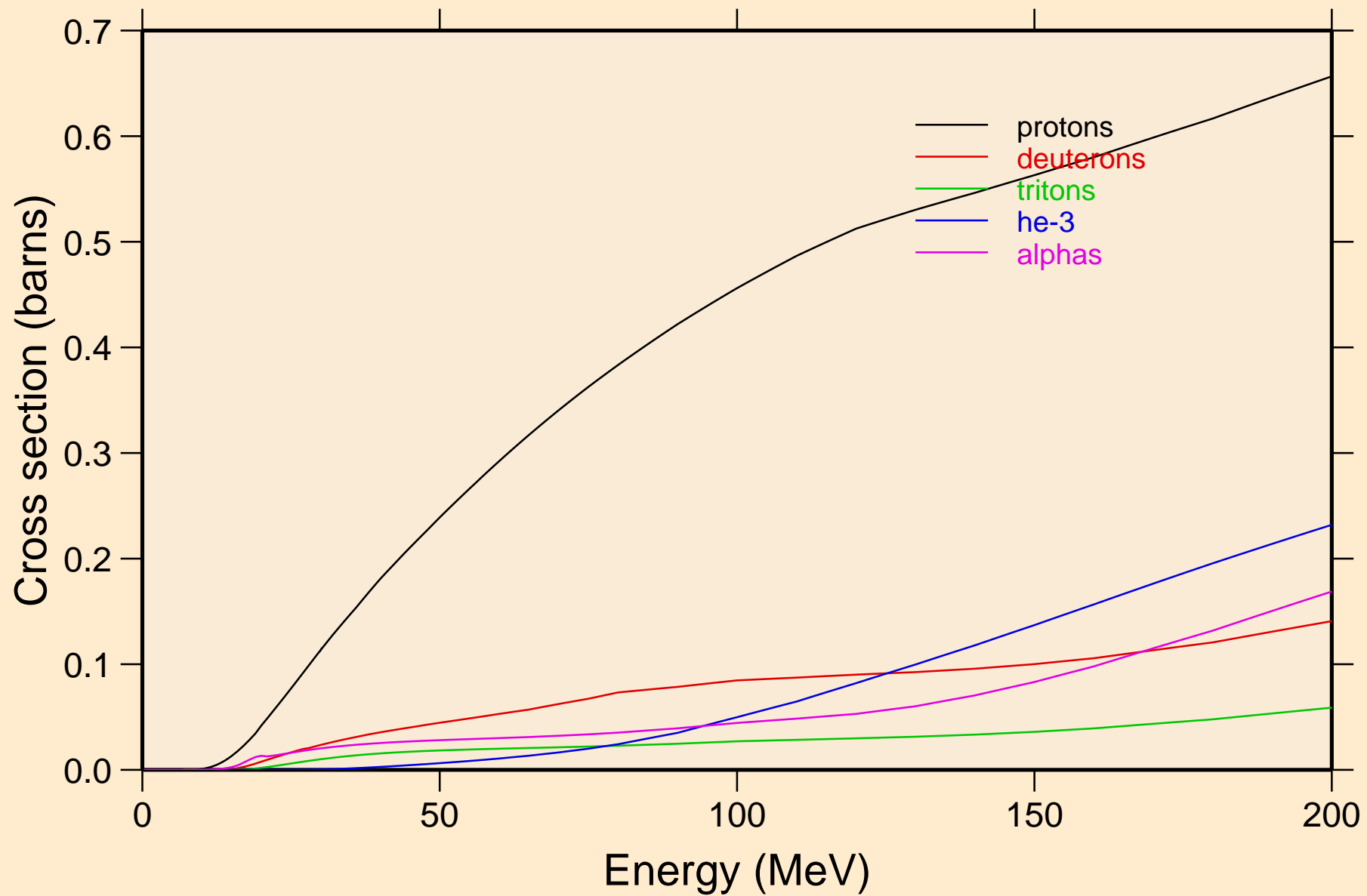


# TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

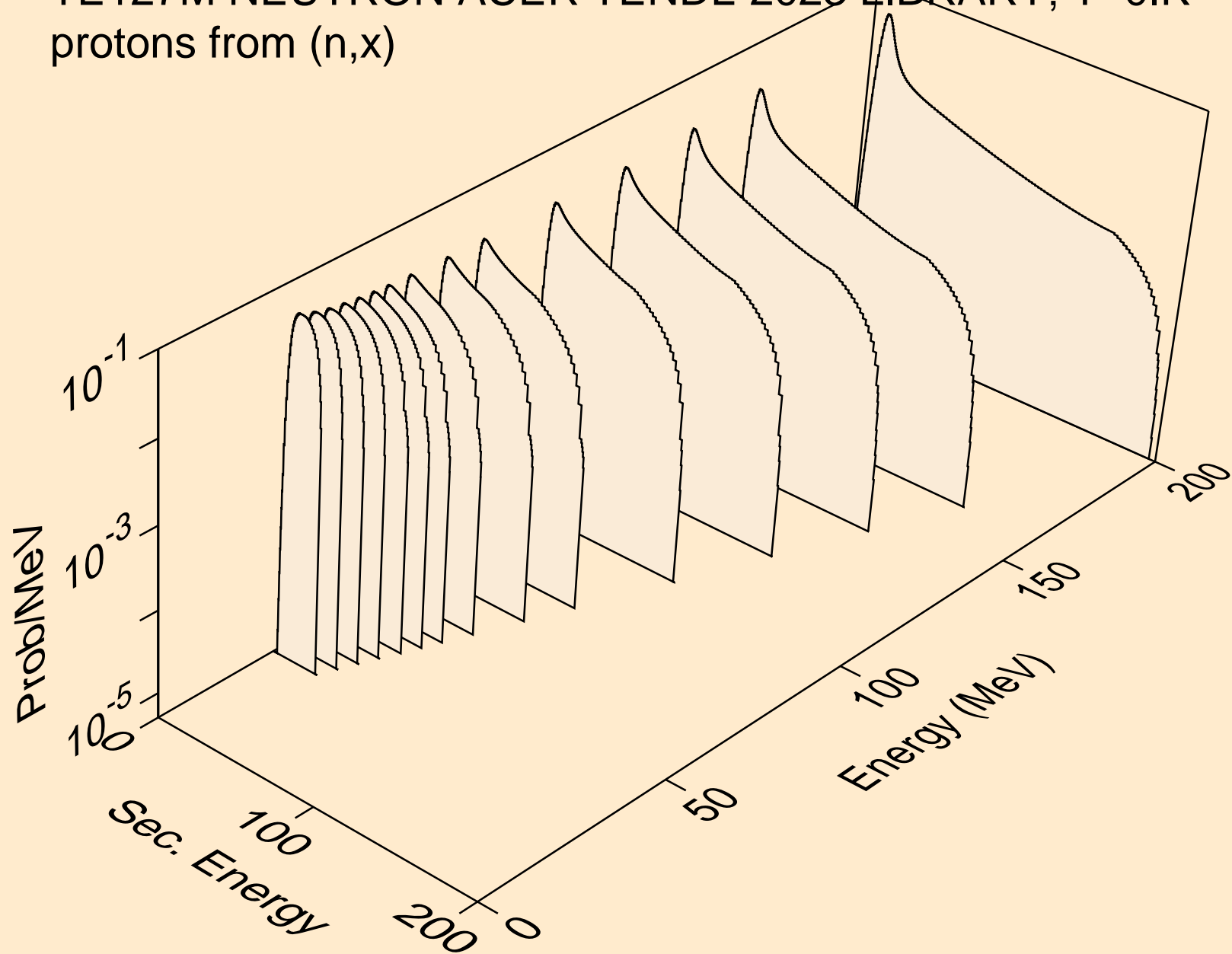


TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

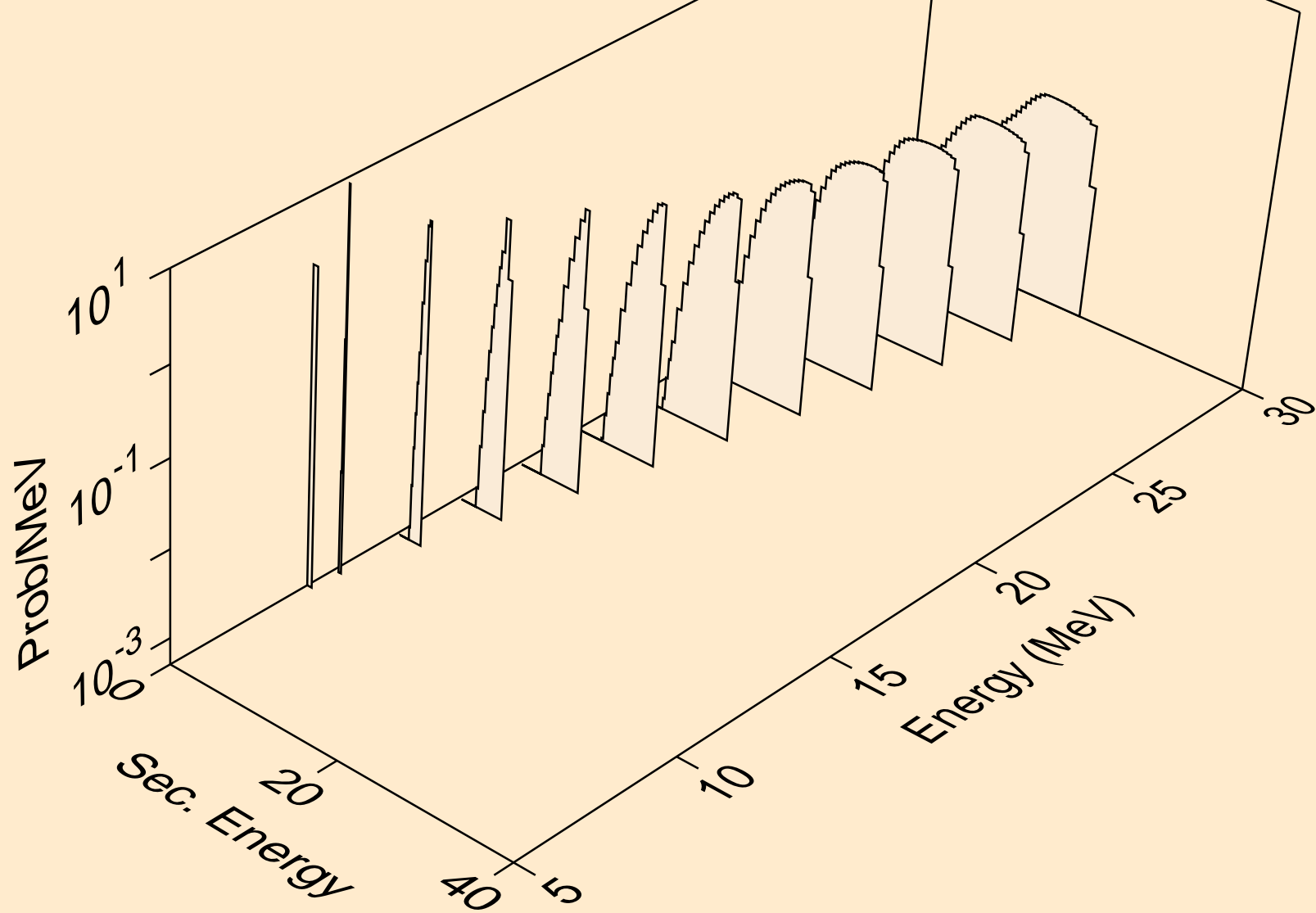




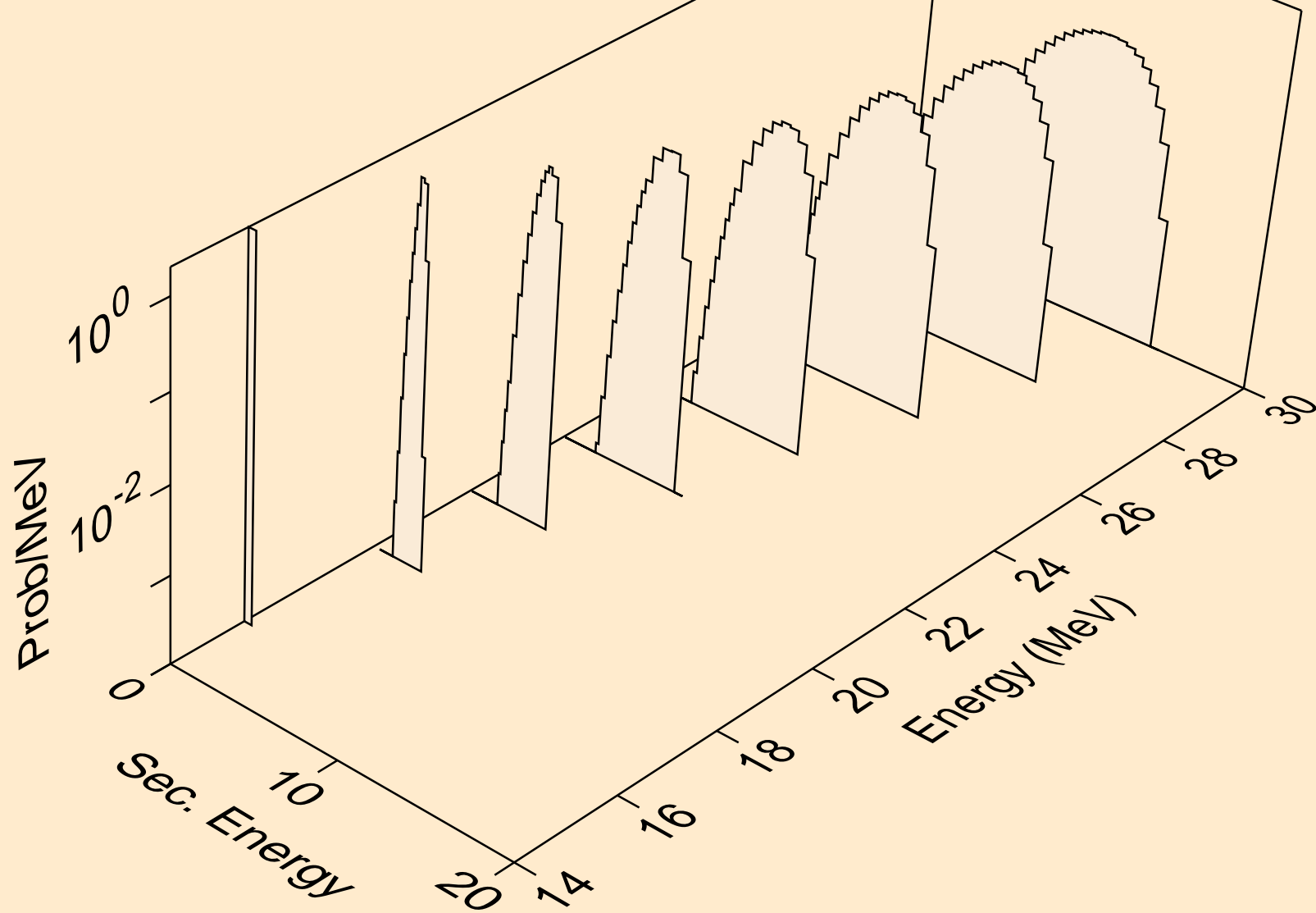
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protons from (n,x)



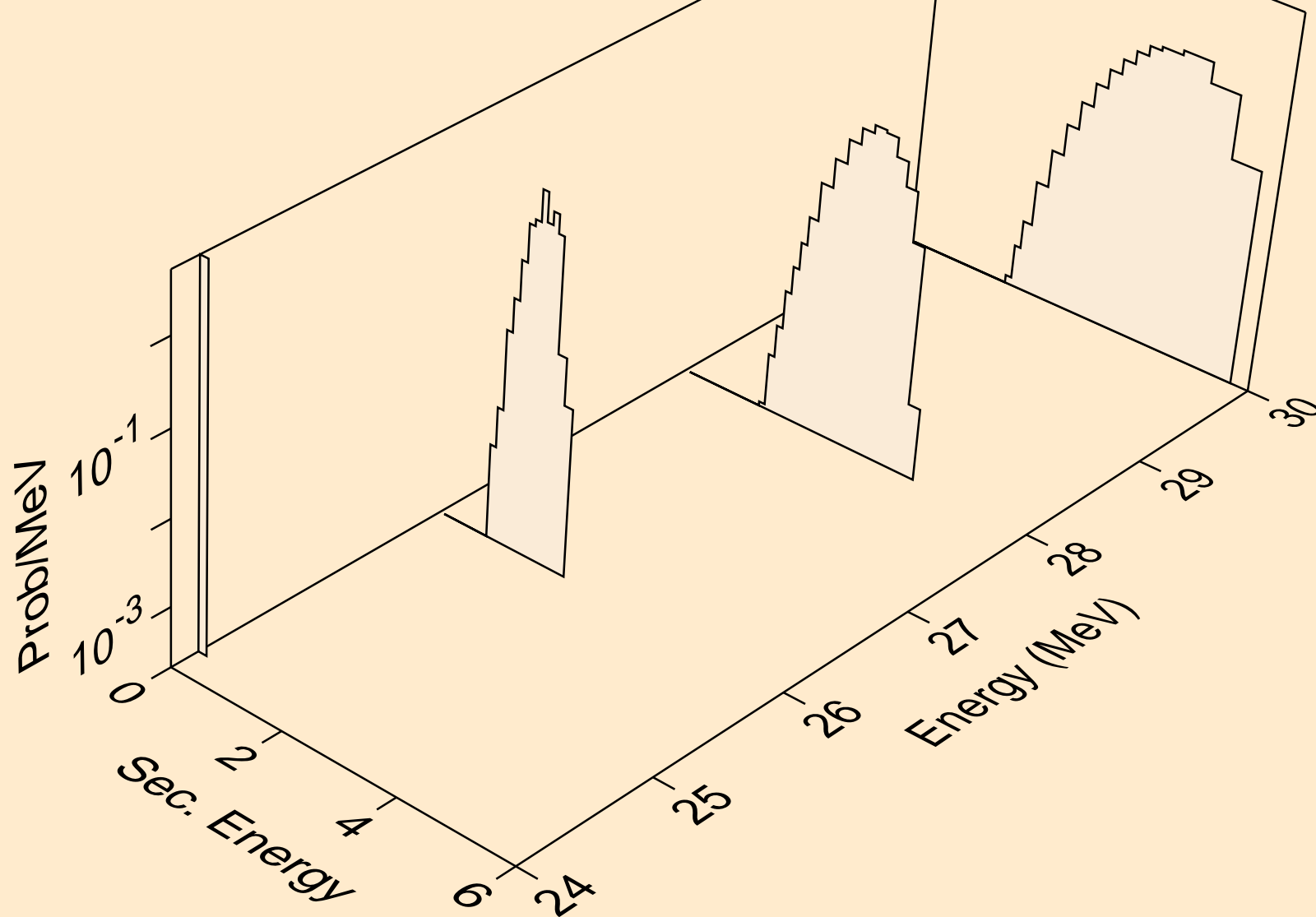
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protons from (n,n\*)p



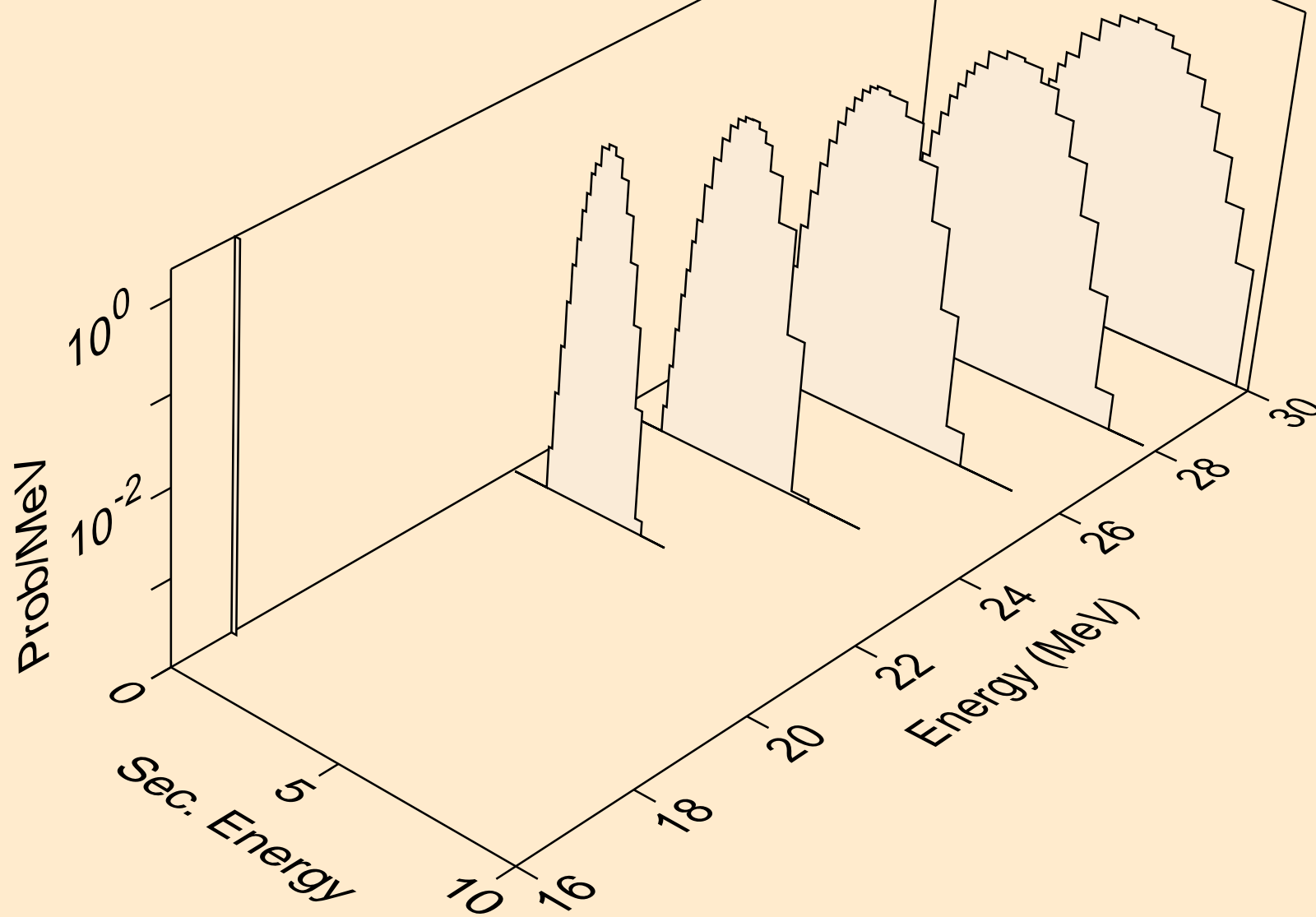
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protons from (n,2np)



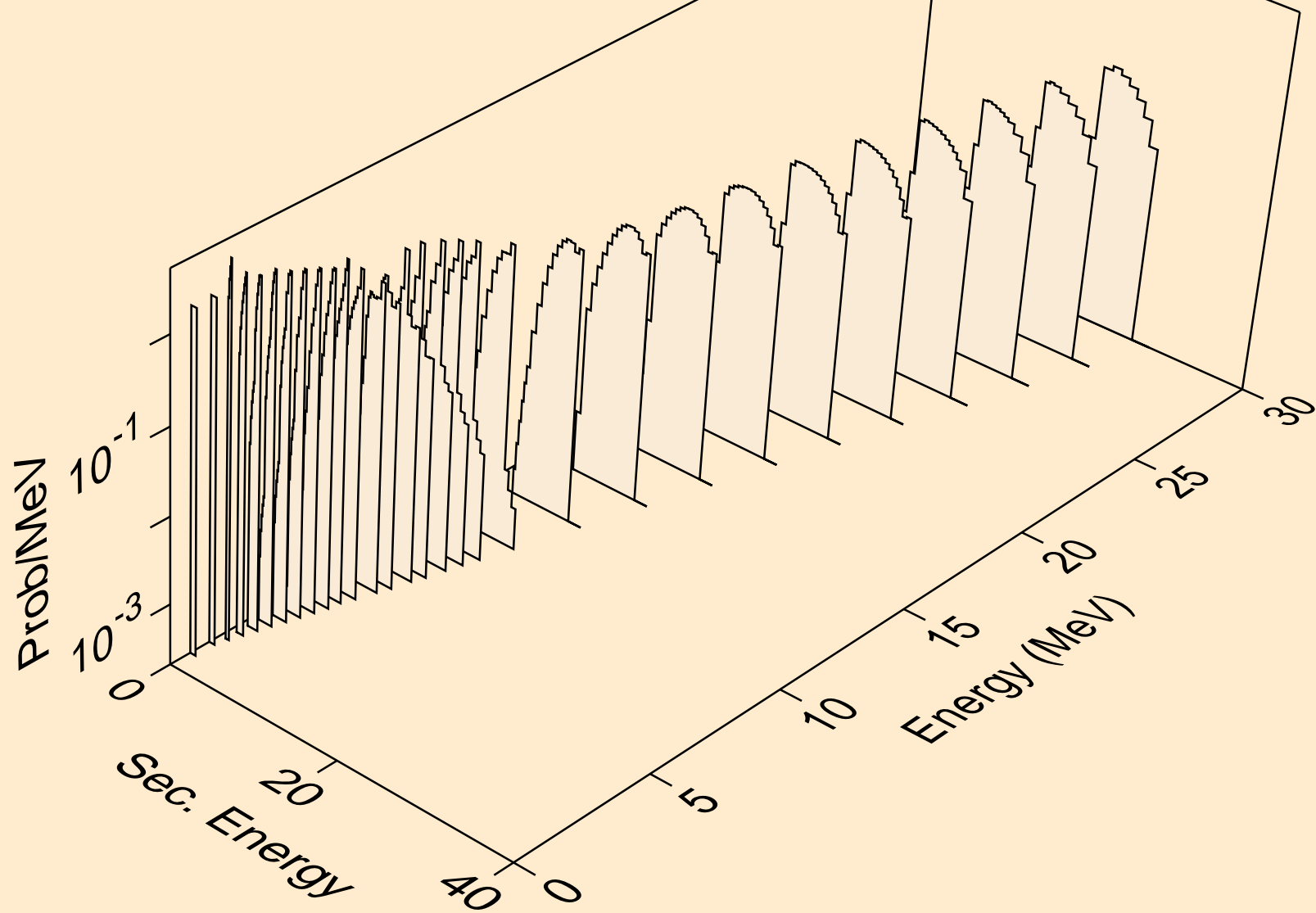
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protons from (n,3np)



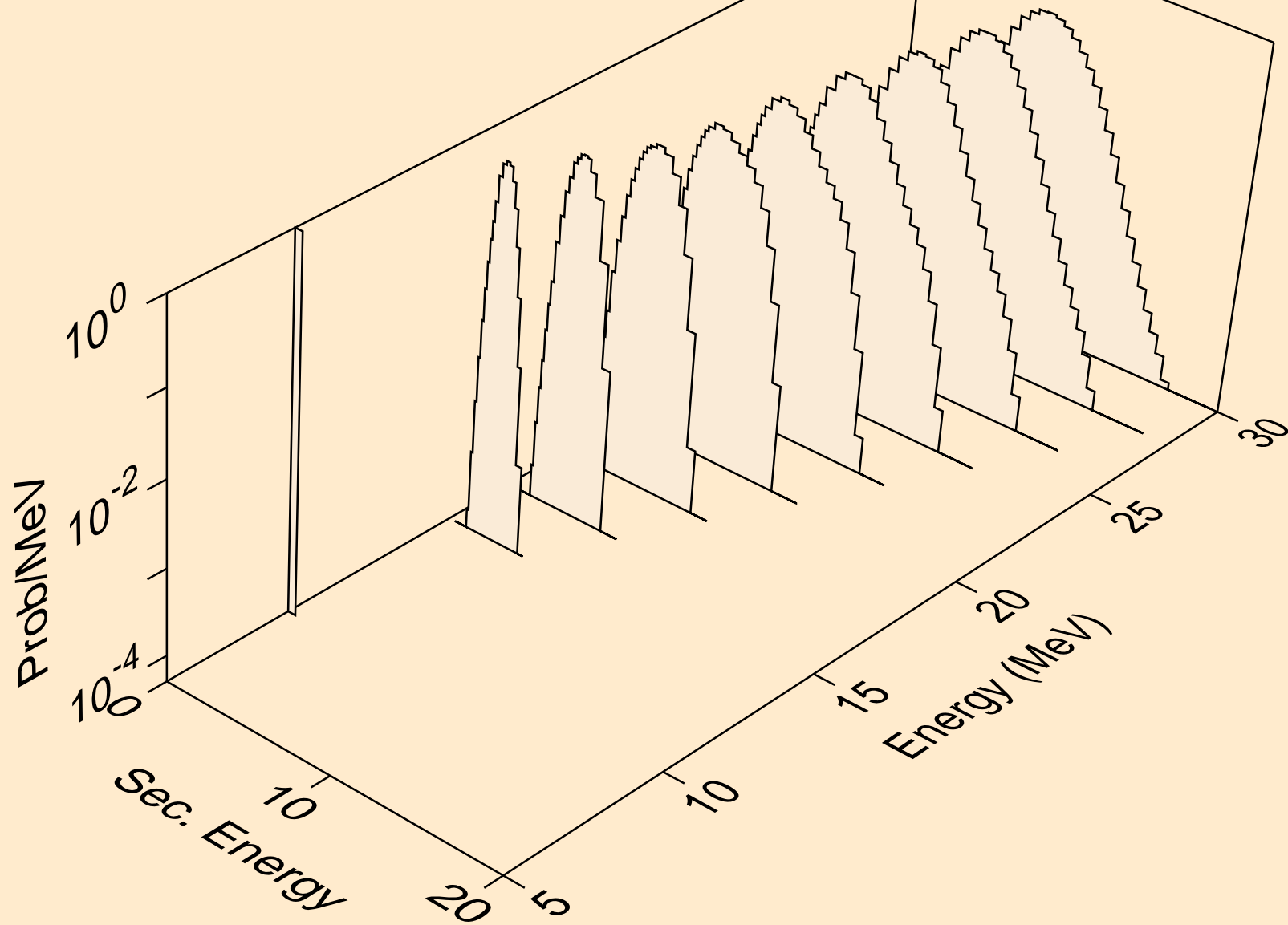
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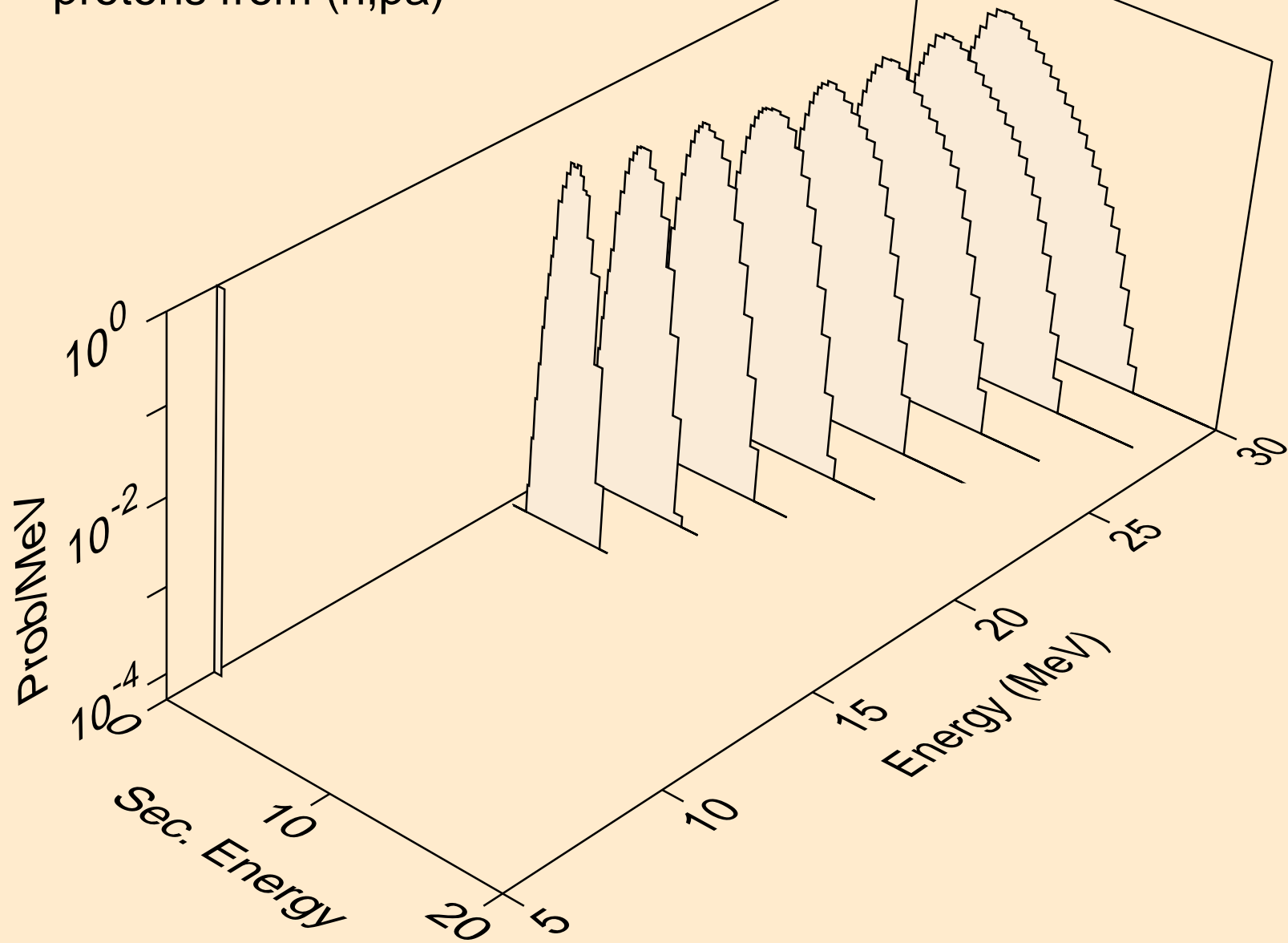
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protons from (n,p)



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protons from (n,2p)

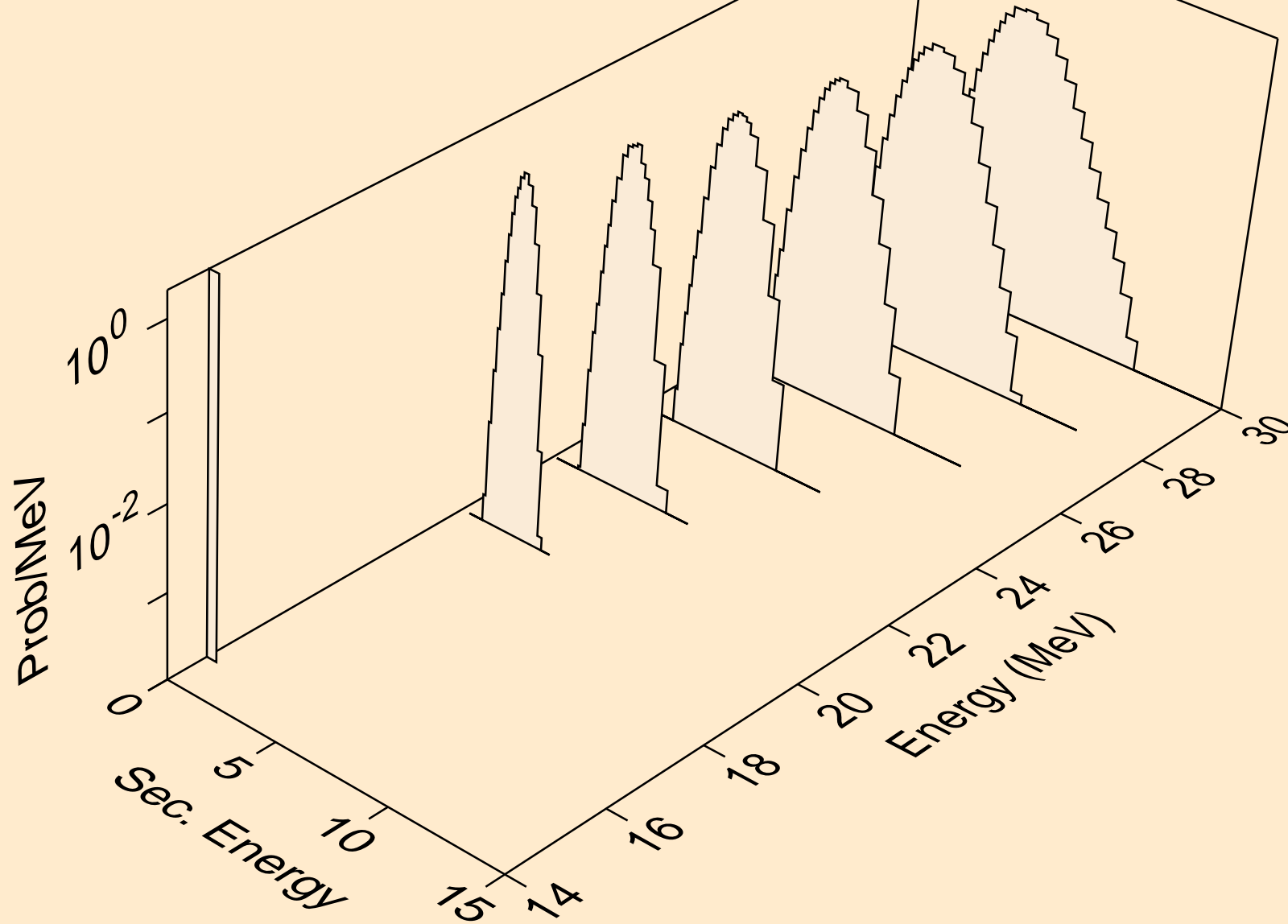


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protons from (n,pa)

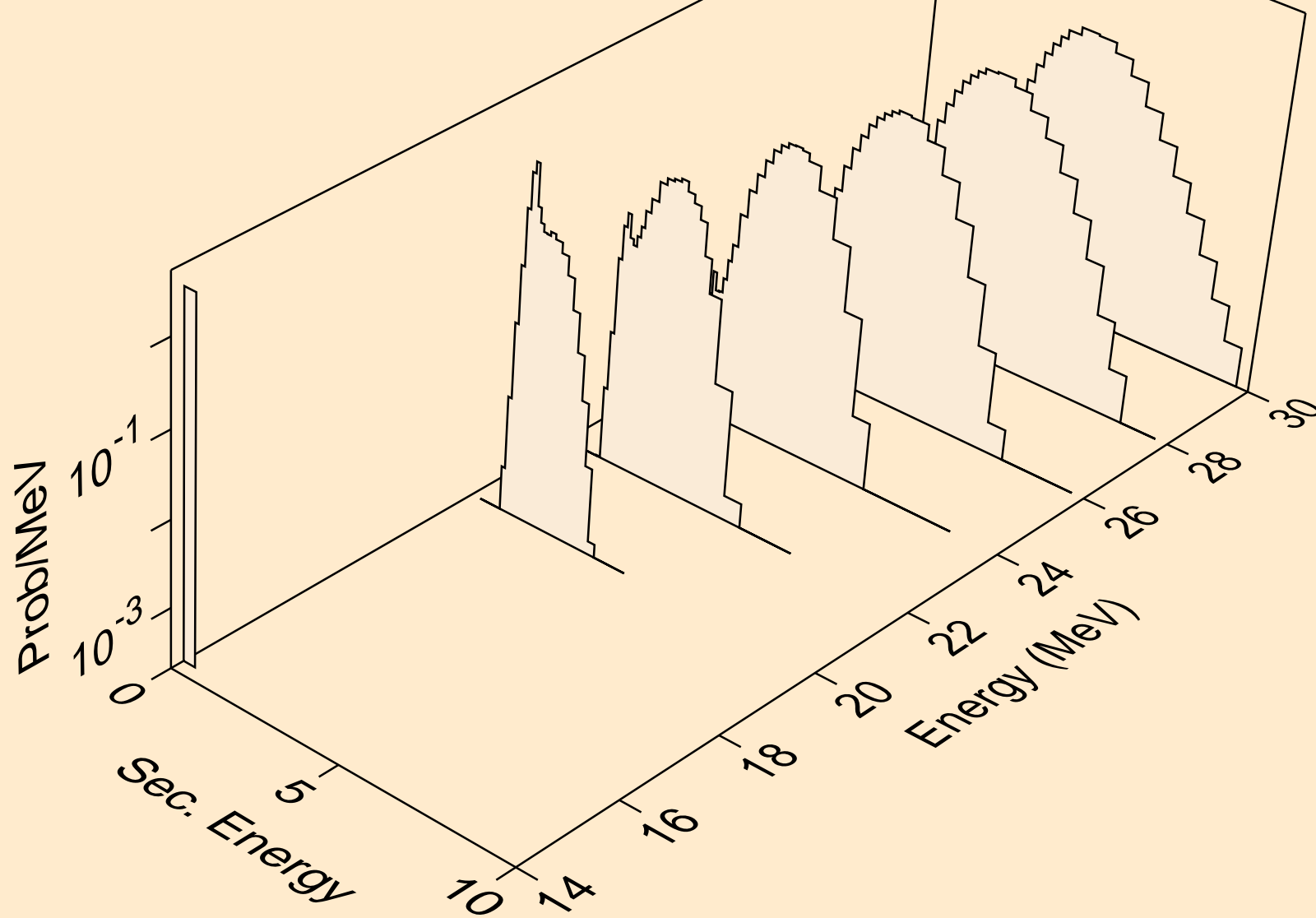




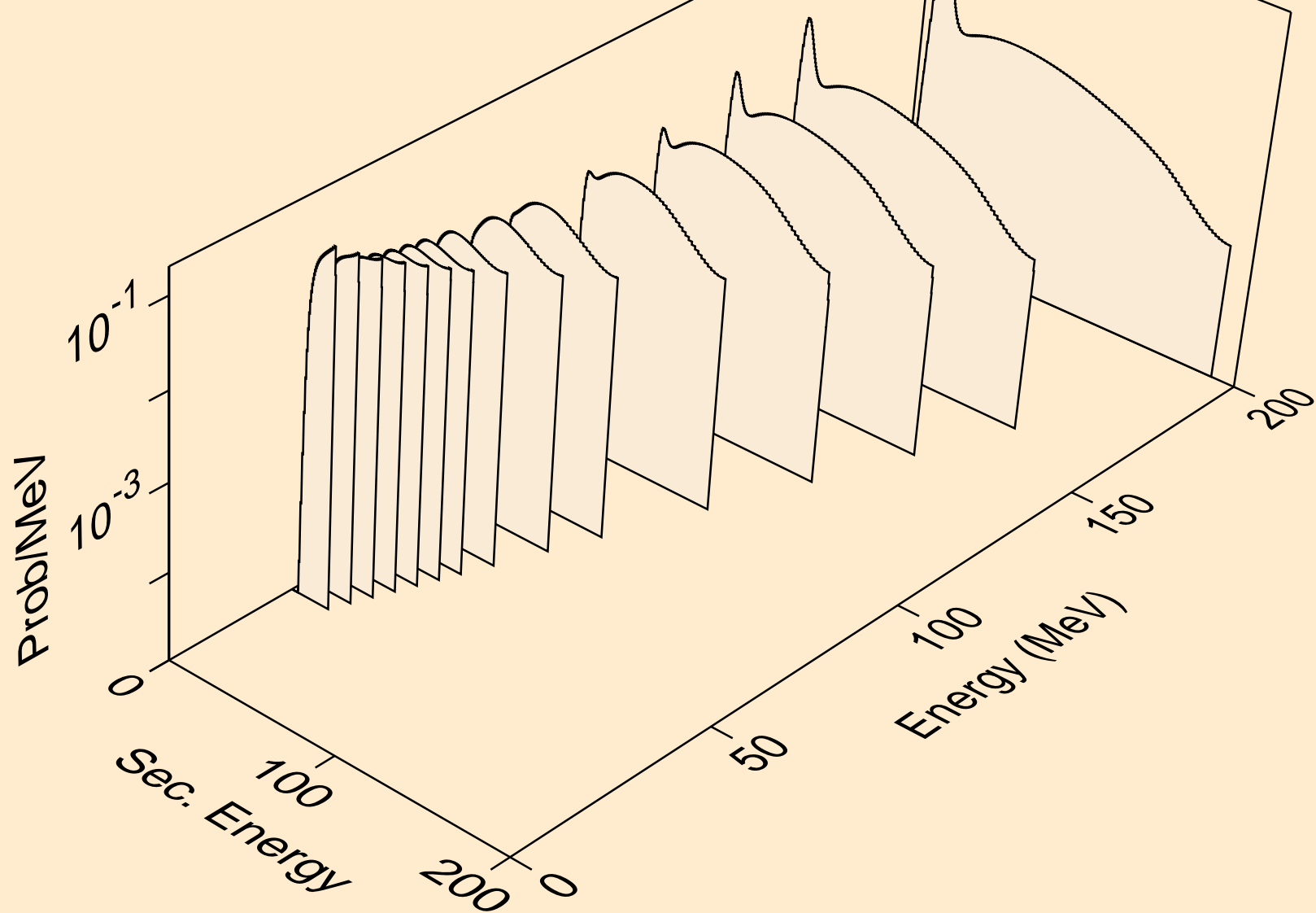
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protons from (n,pd)



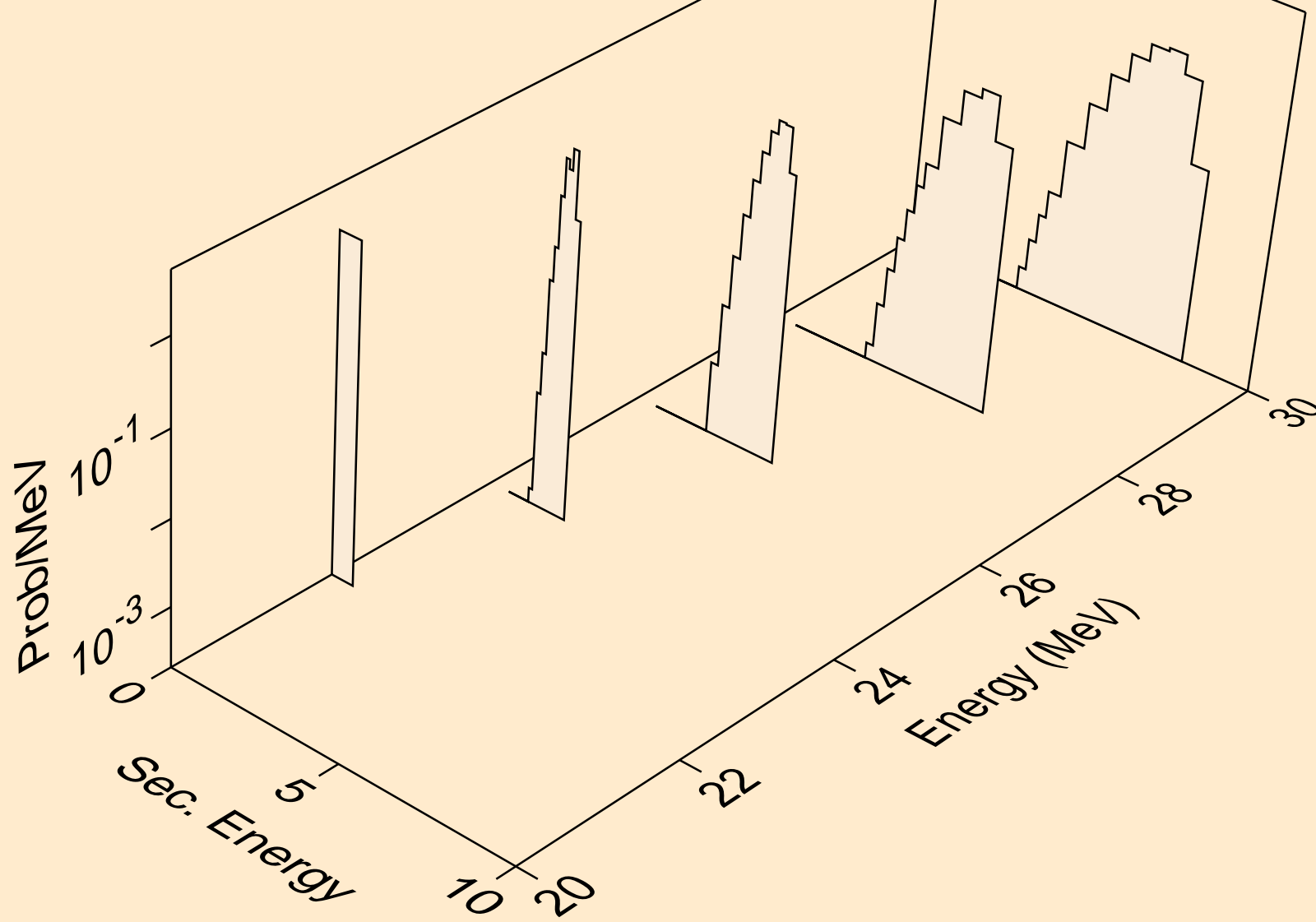
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protons from (n,pt)



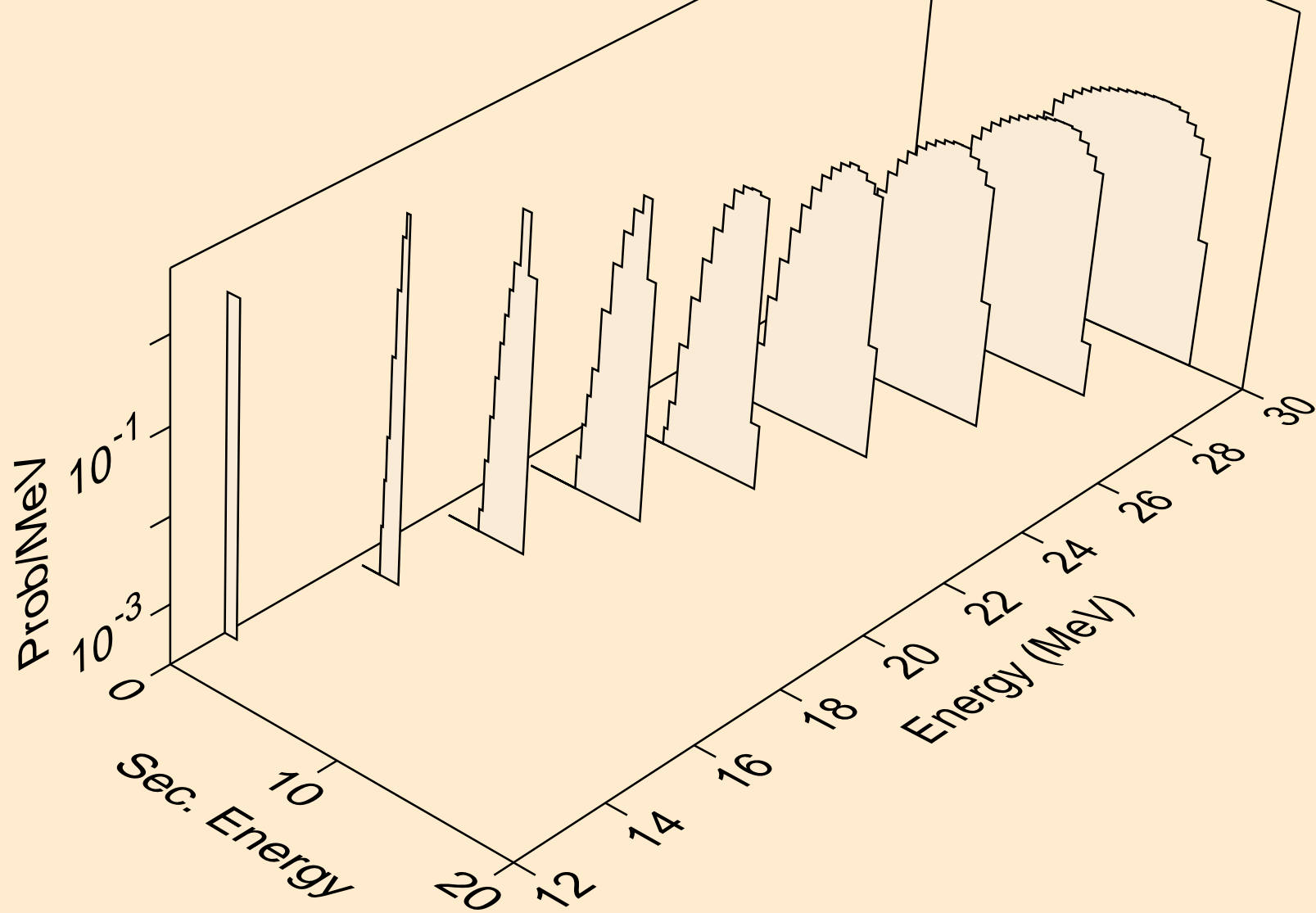
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deuterons from (n,x)



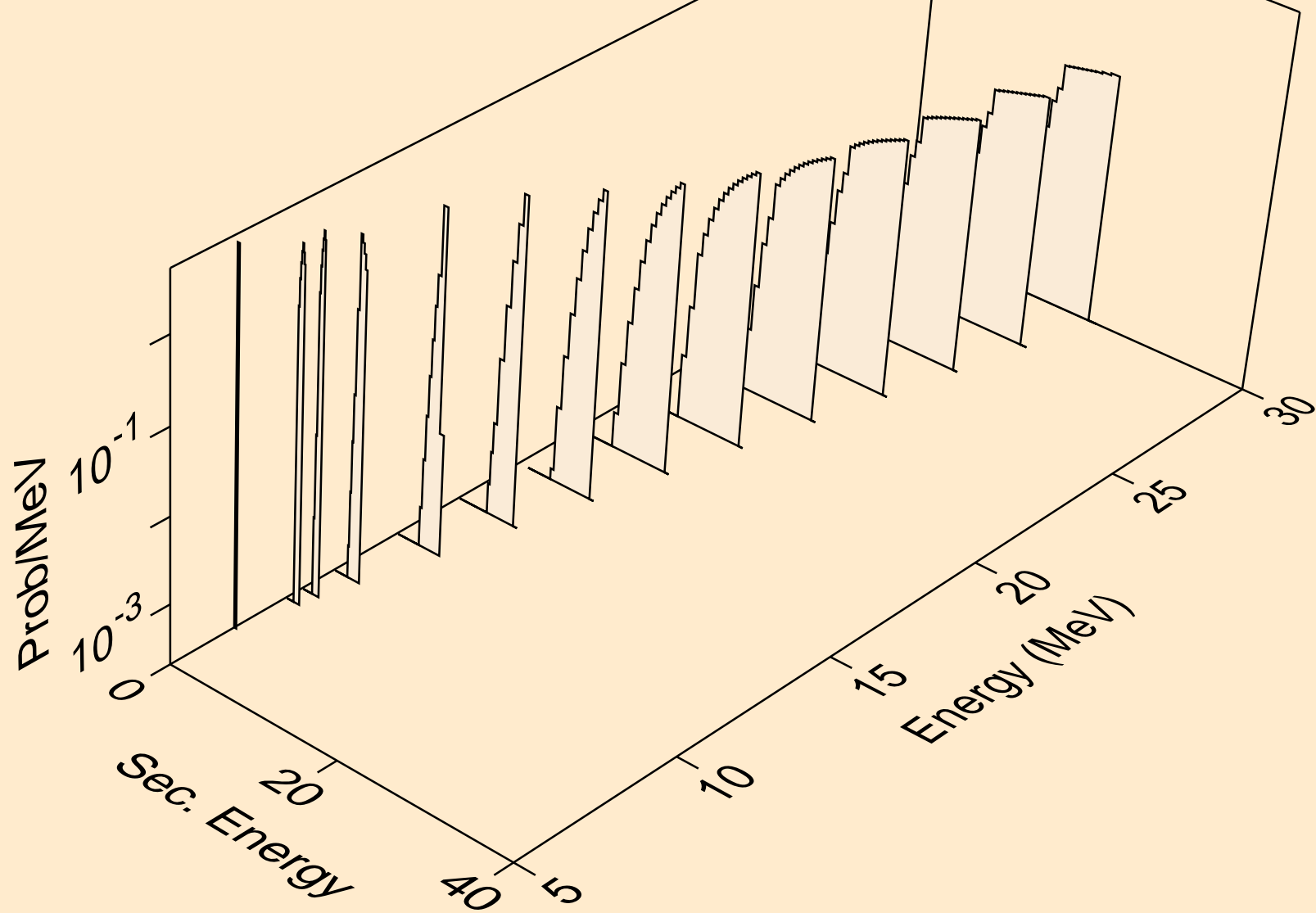
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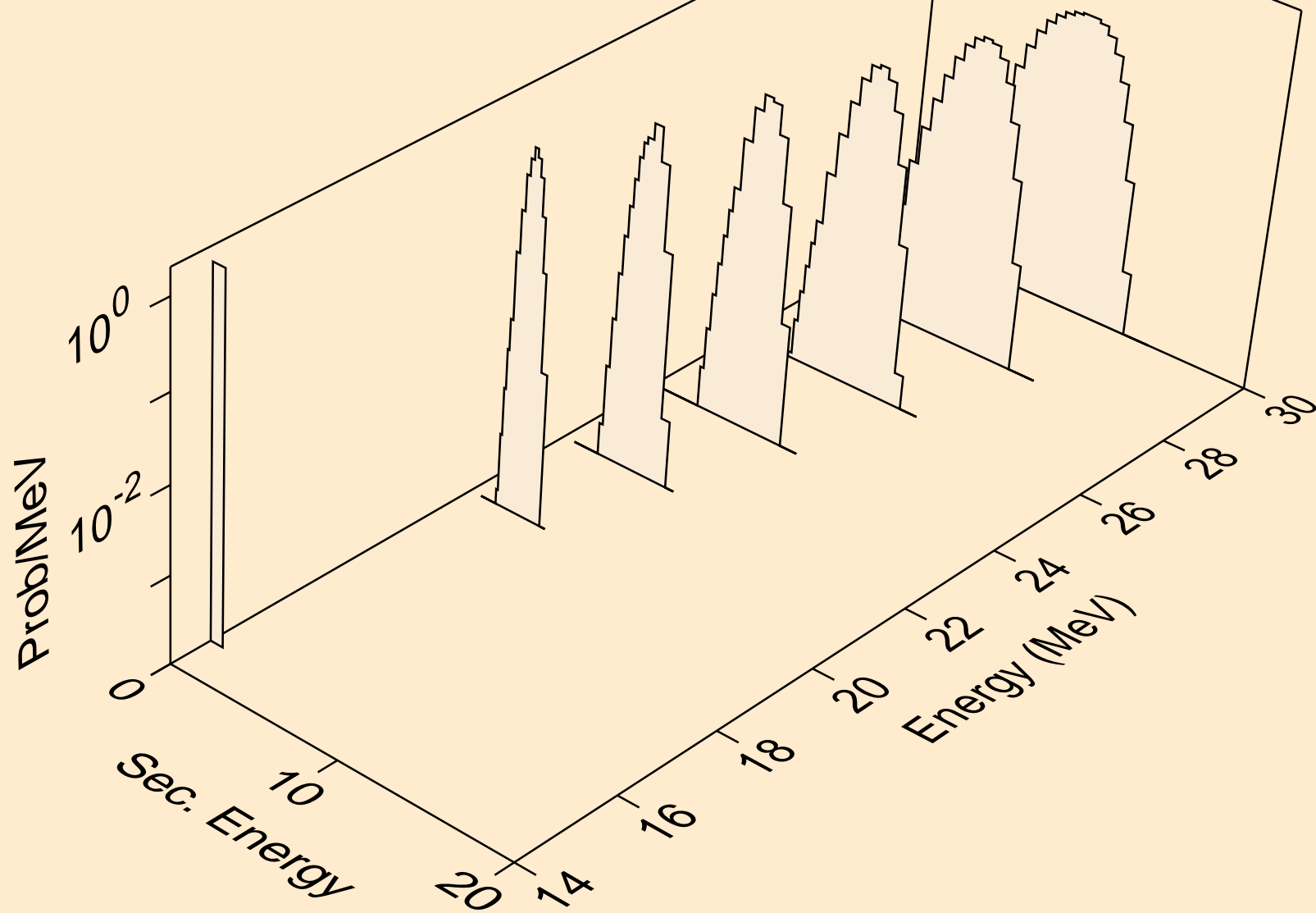
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deuterons from (n,n\*)d



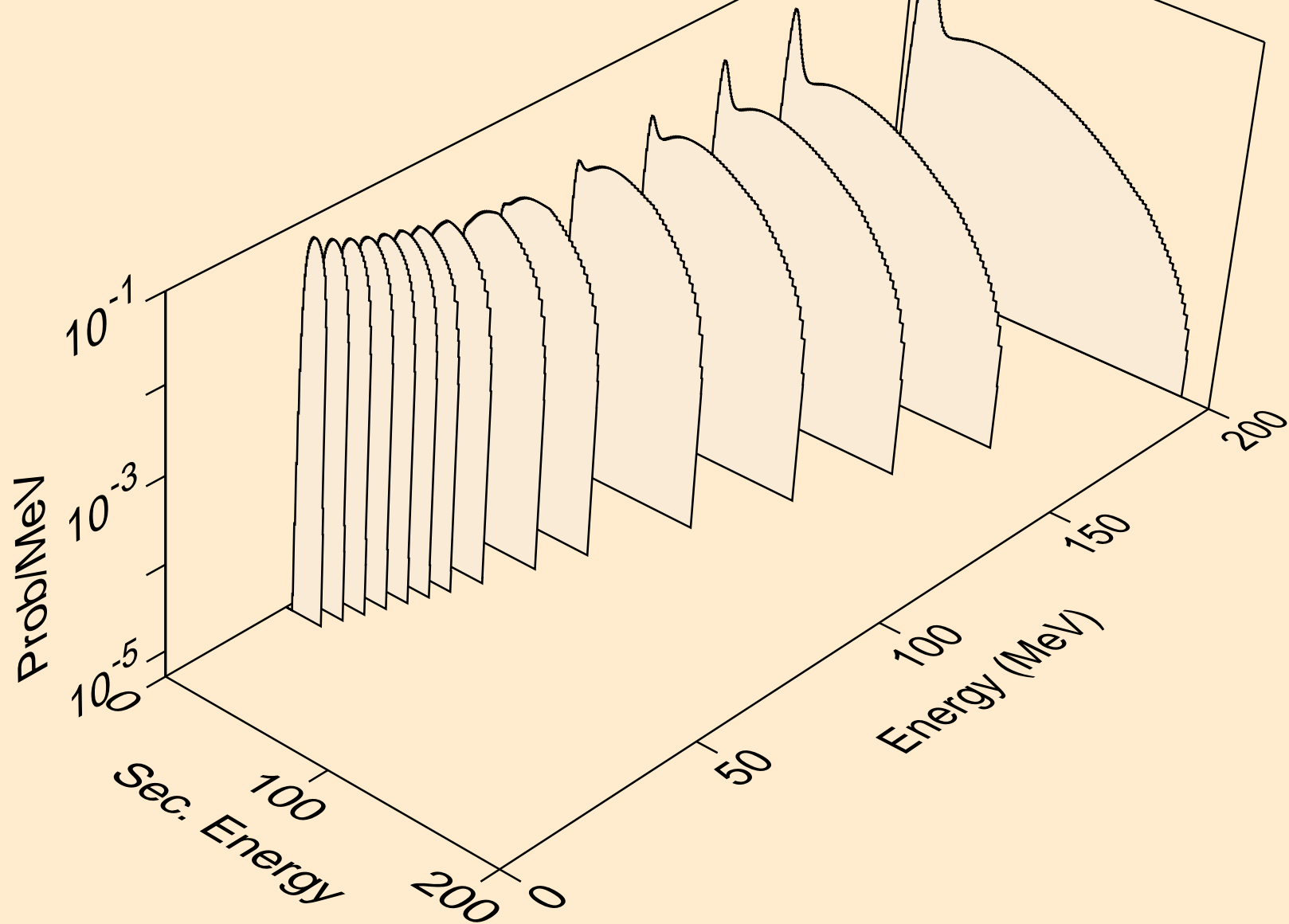
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deuterons from (n,d)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)

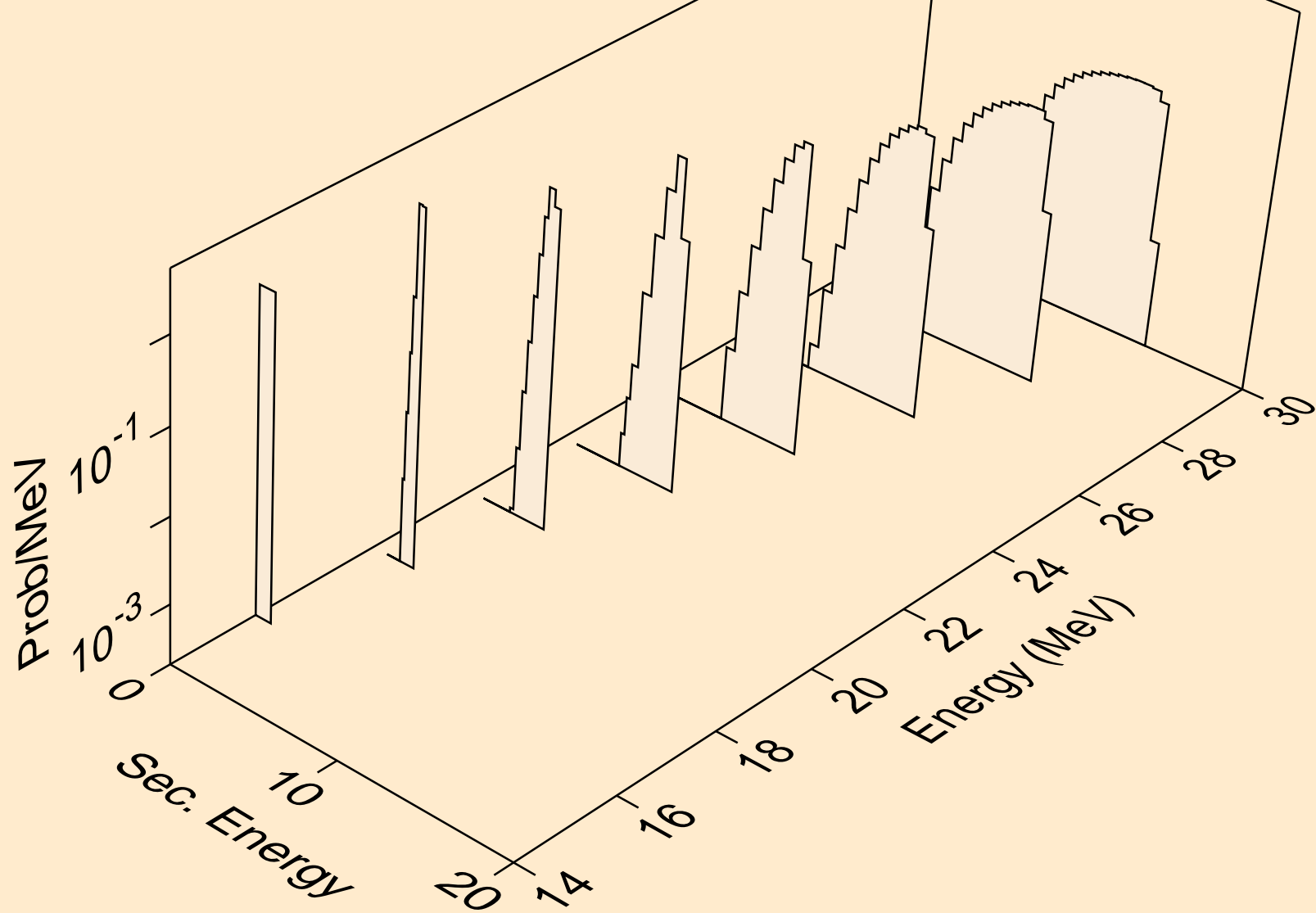


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tritons from (n,x)

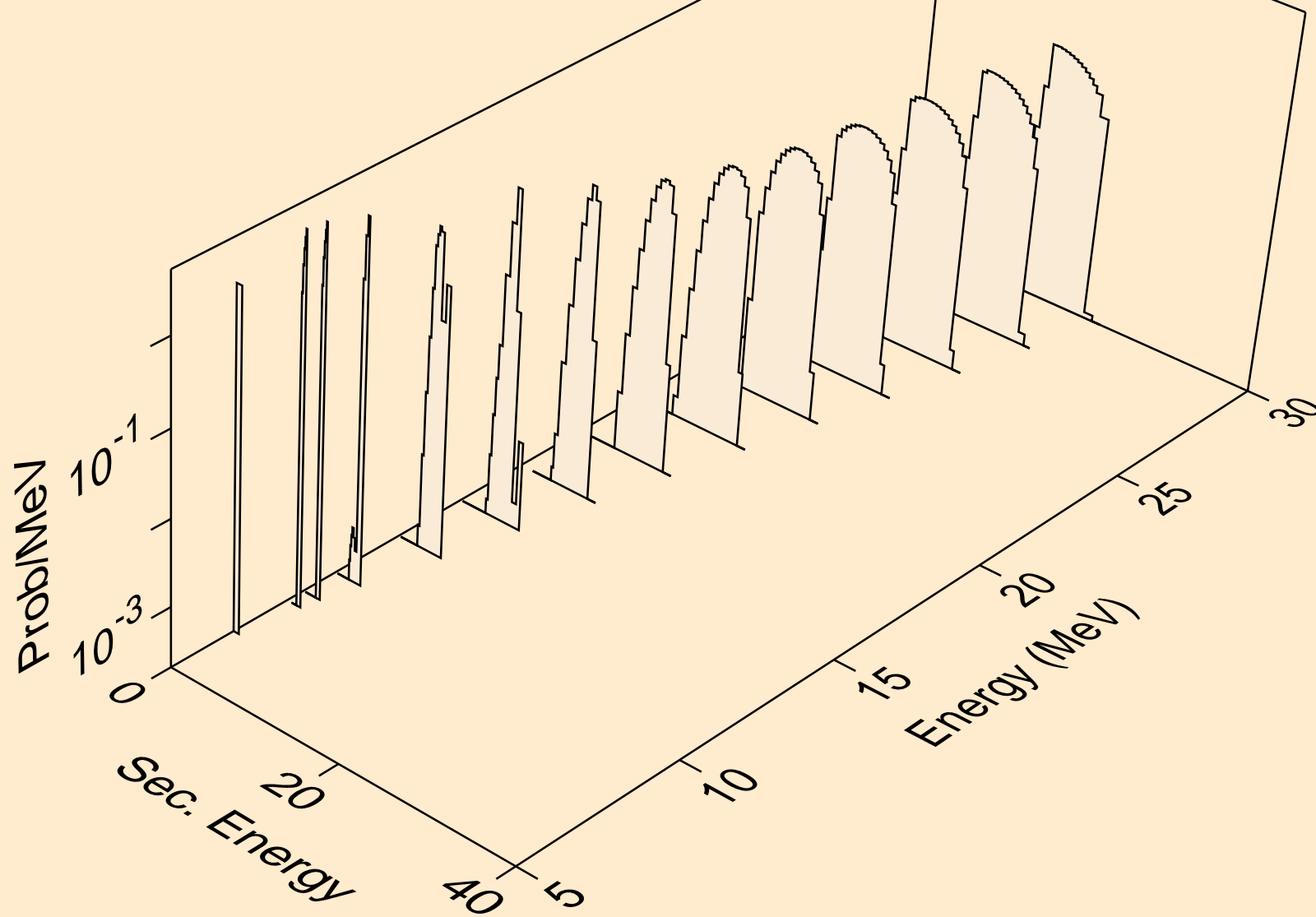




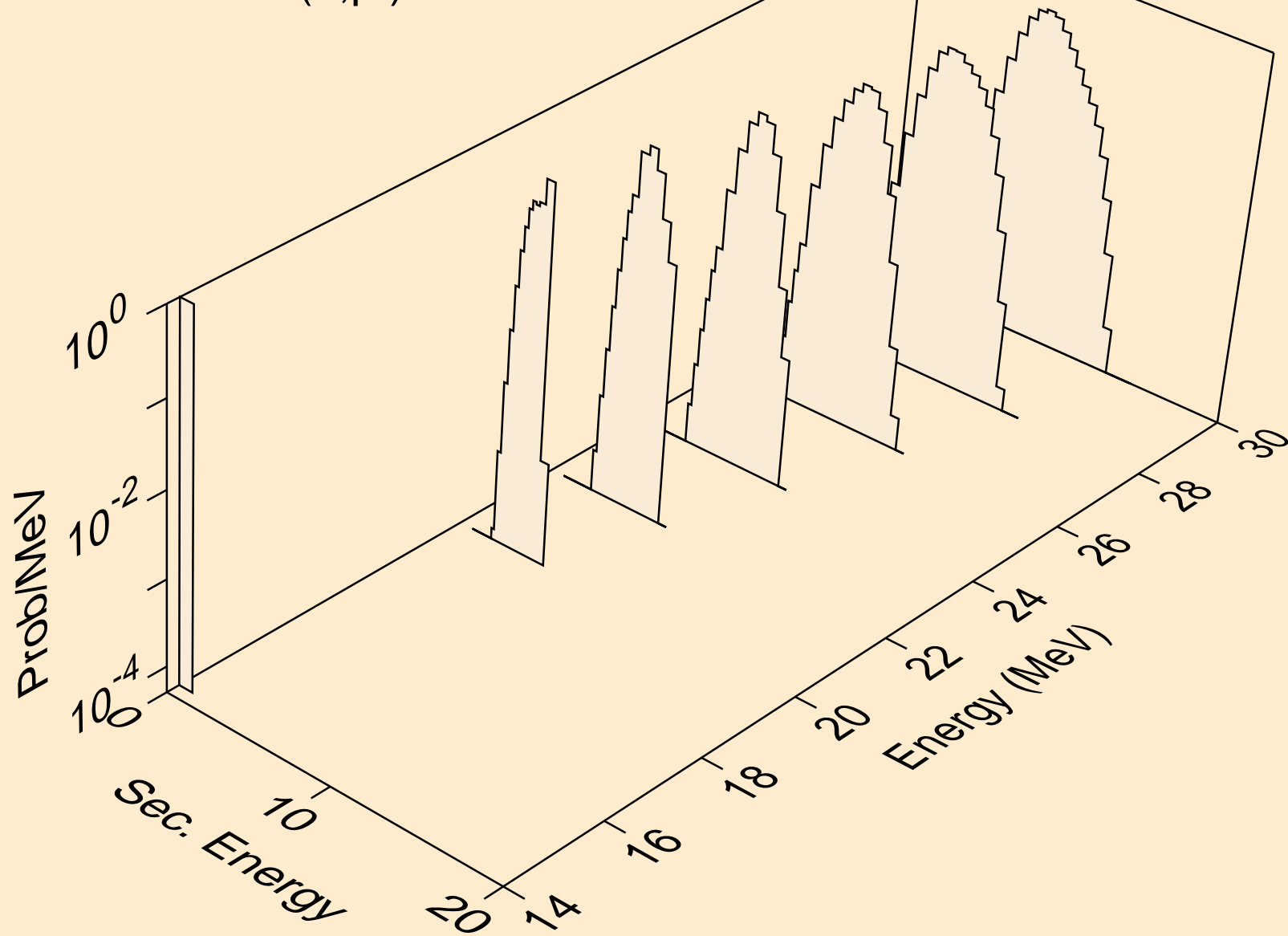
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tritons from (n,n\*)t



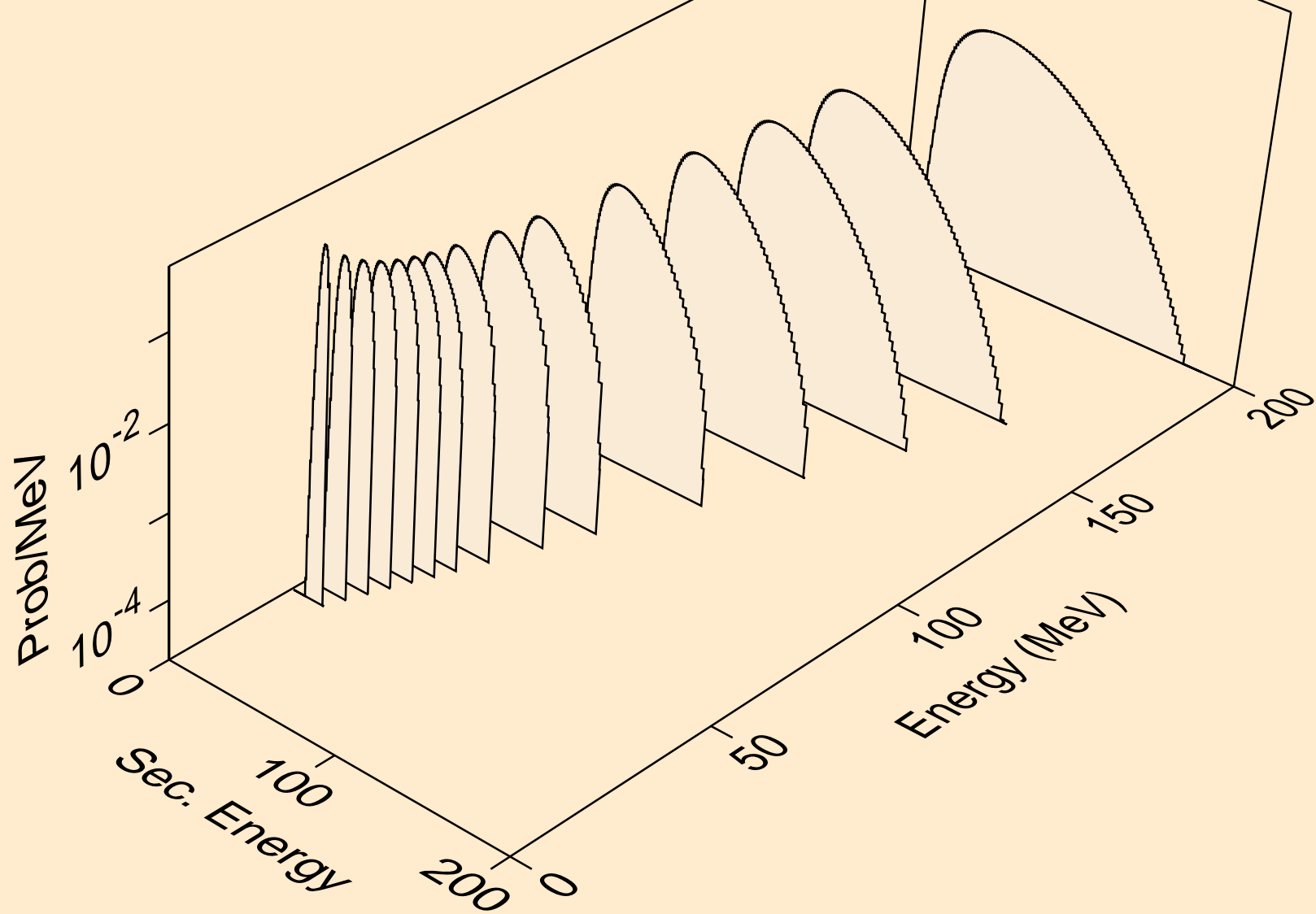
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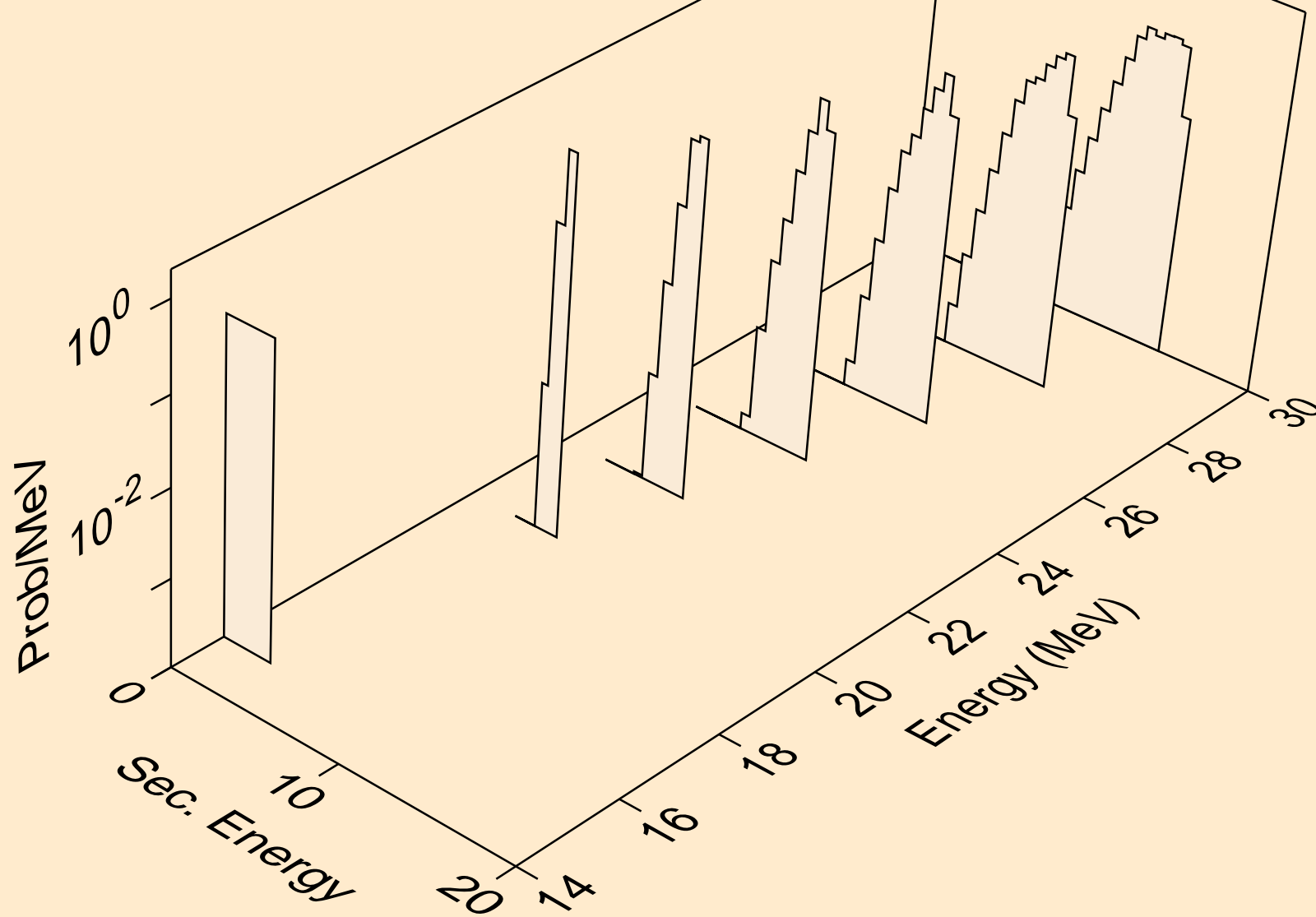
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tritons from (n,pt)



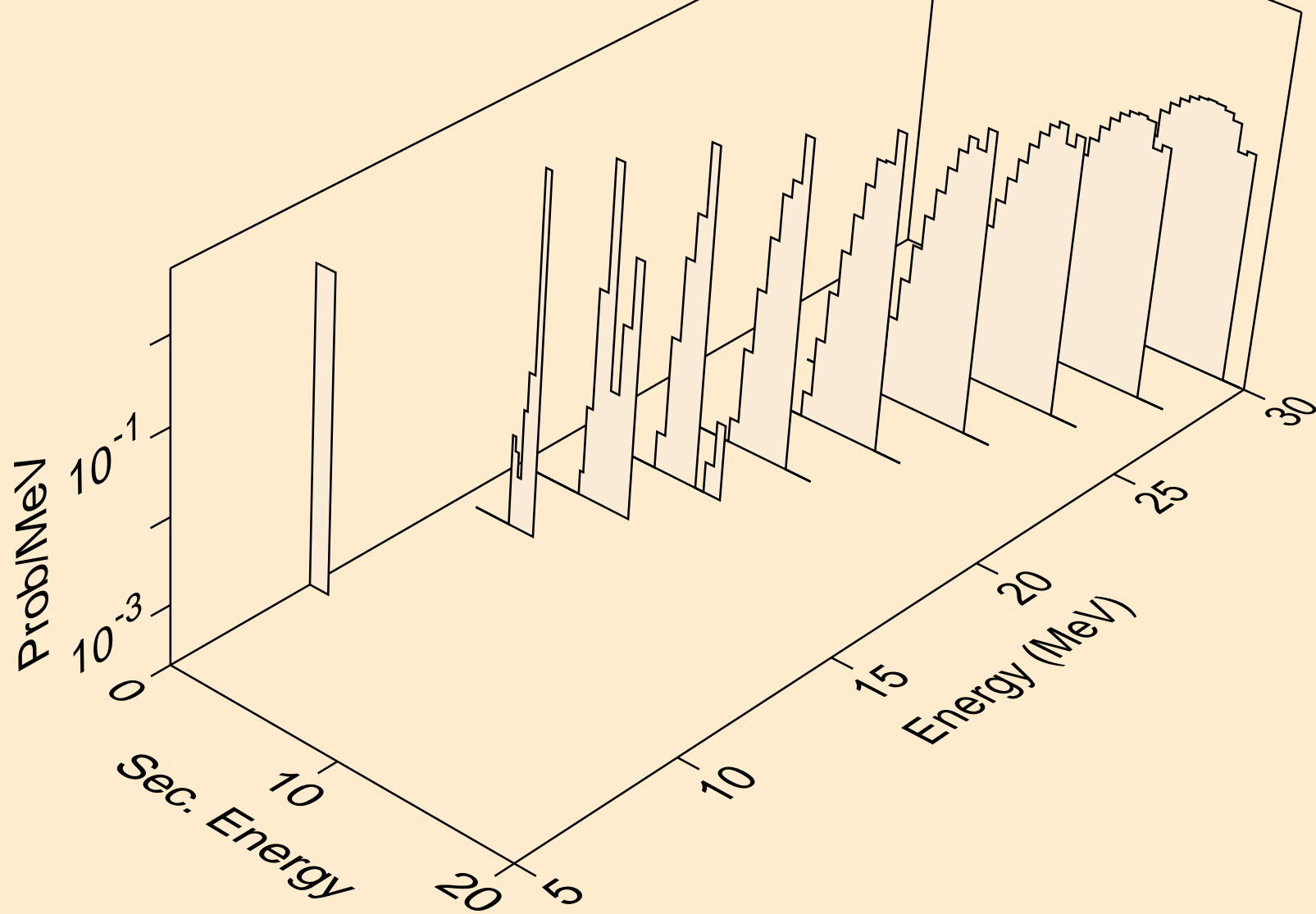
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he3s from (n,x)



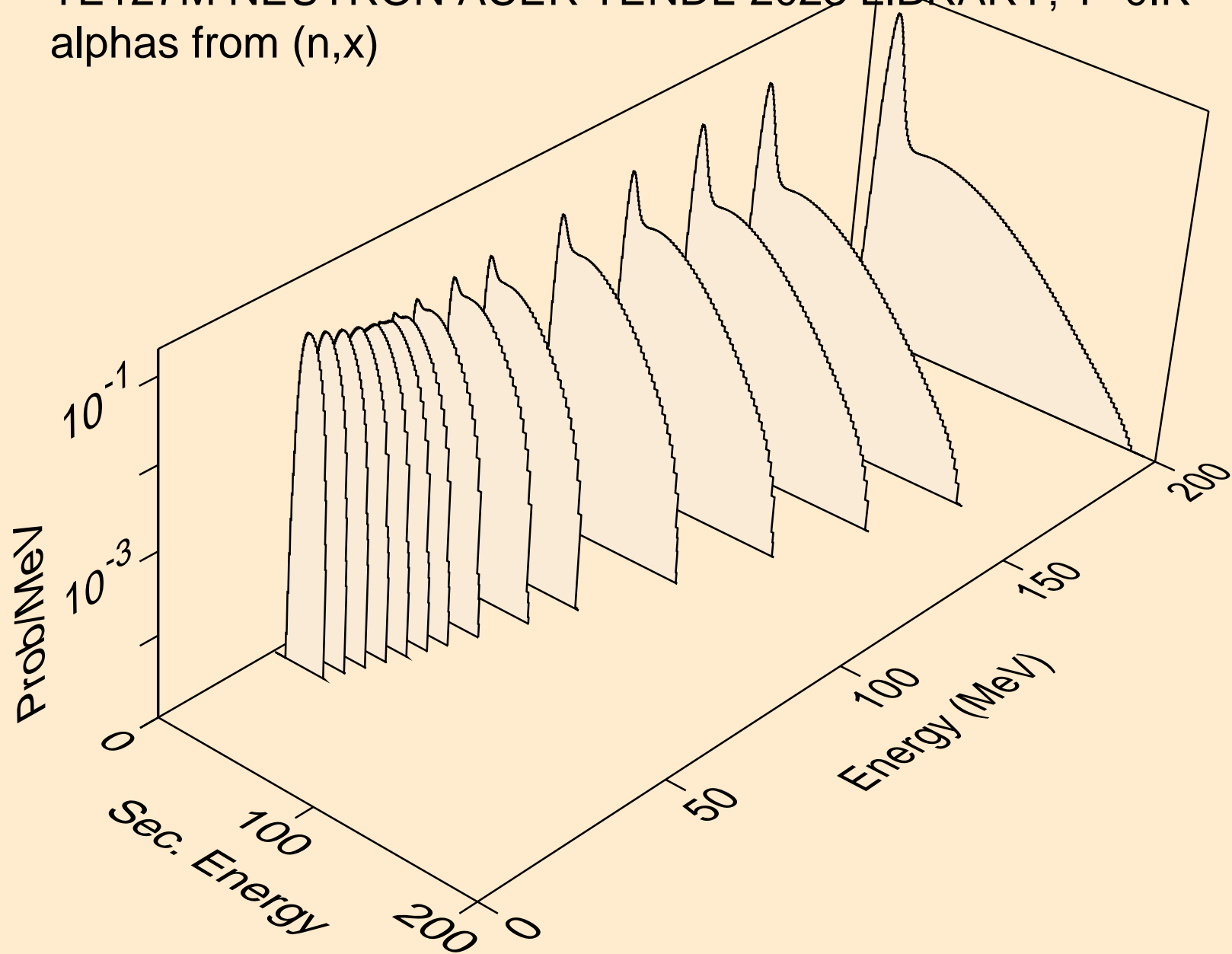
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he3s from (n,n\*)he3



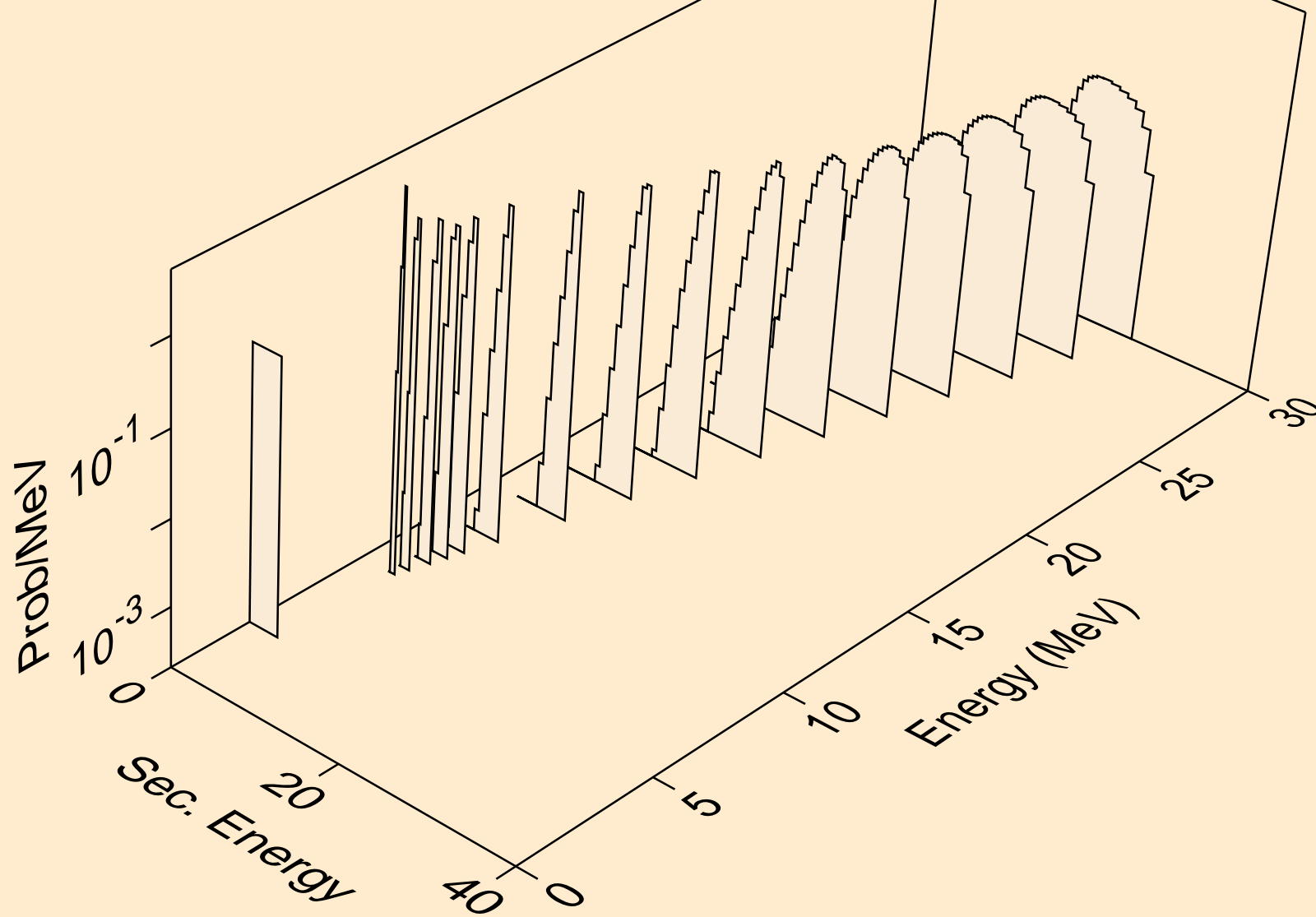
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he3s from (n,he3)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

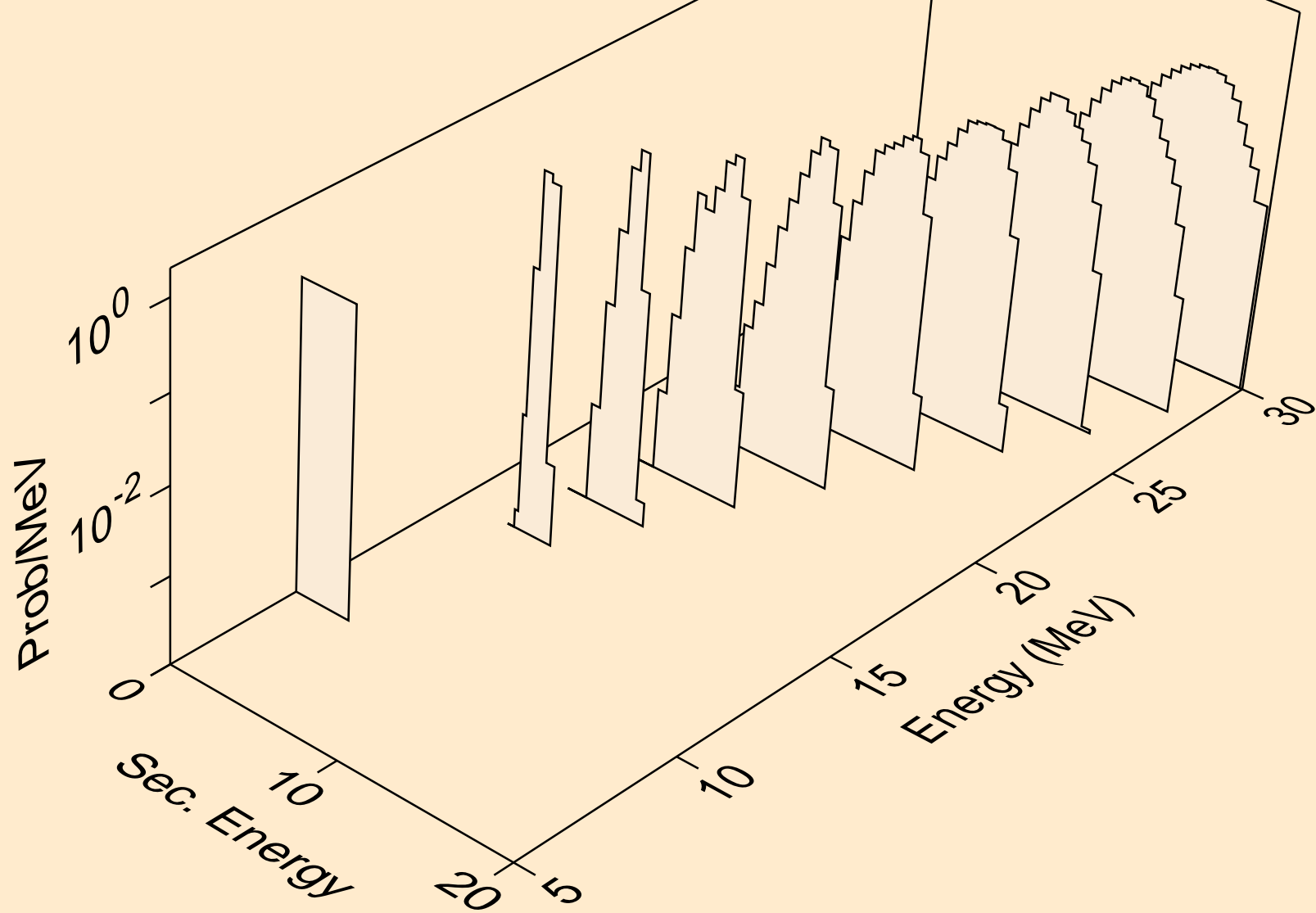


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alphas from (n,n\*)a

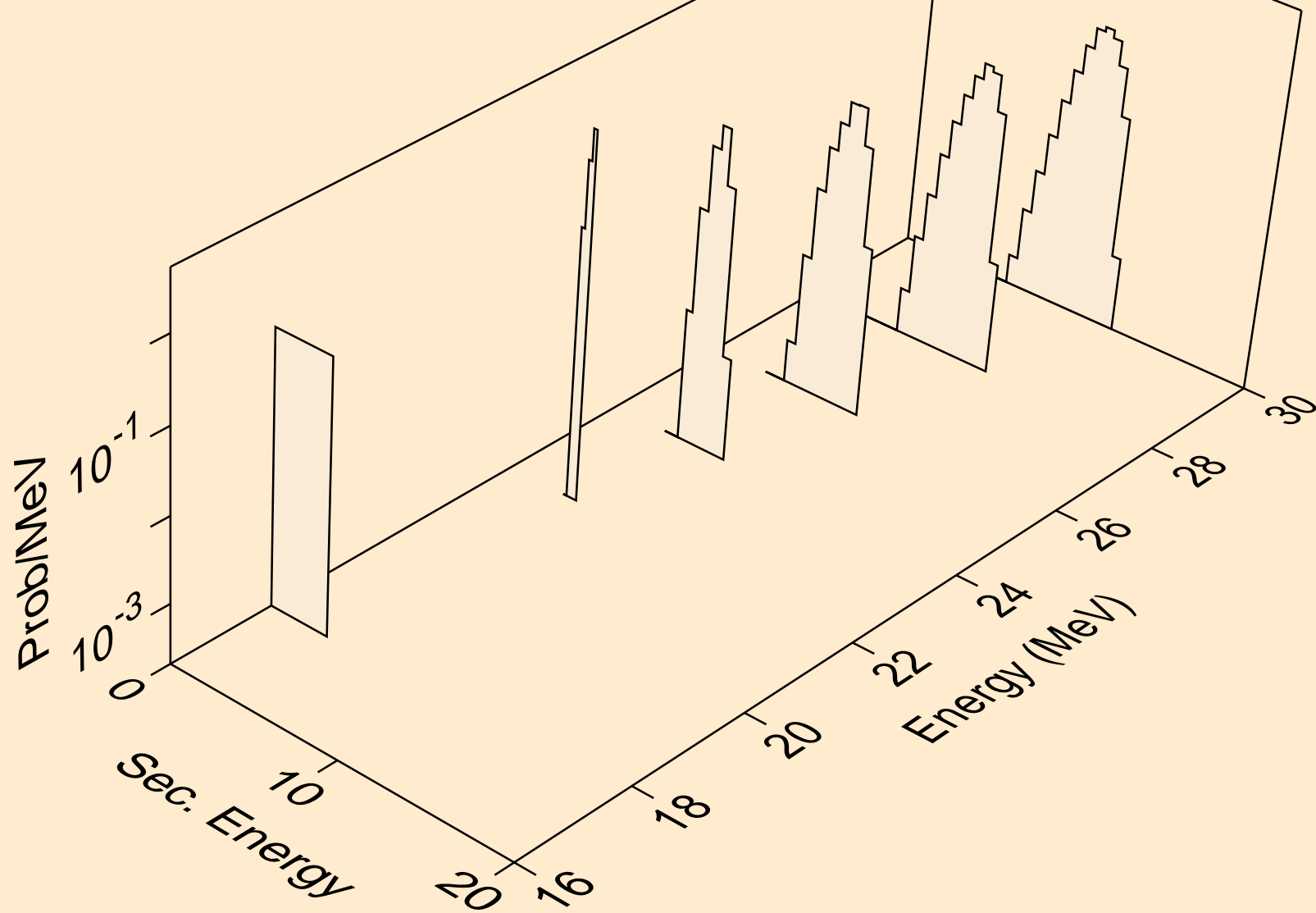




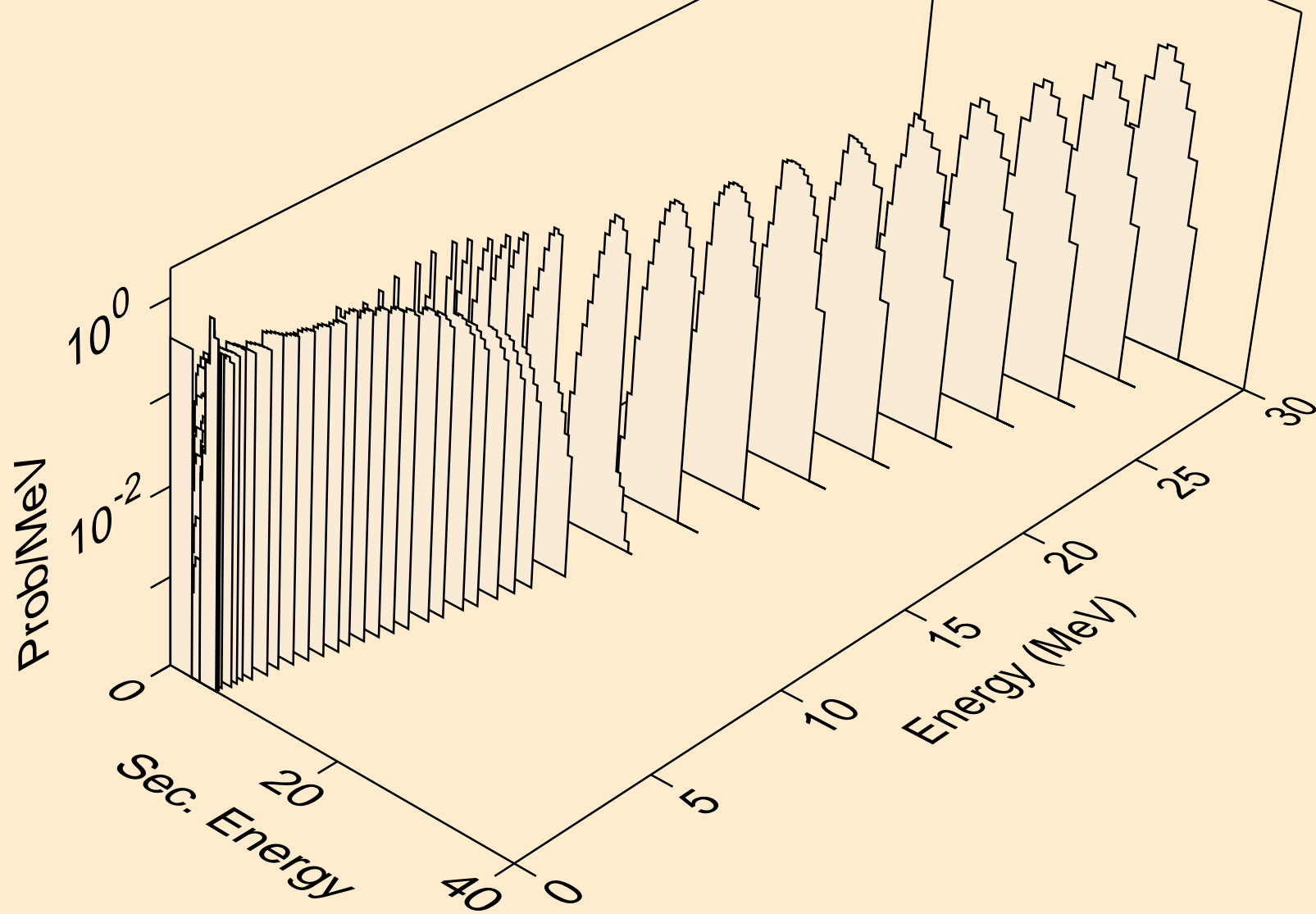
TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



TE127M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

