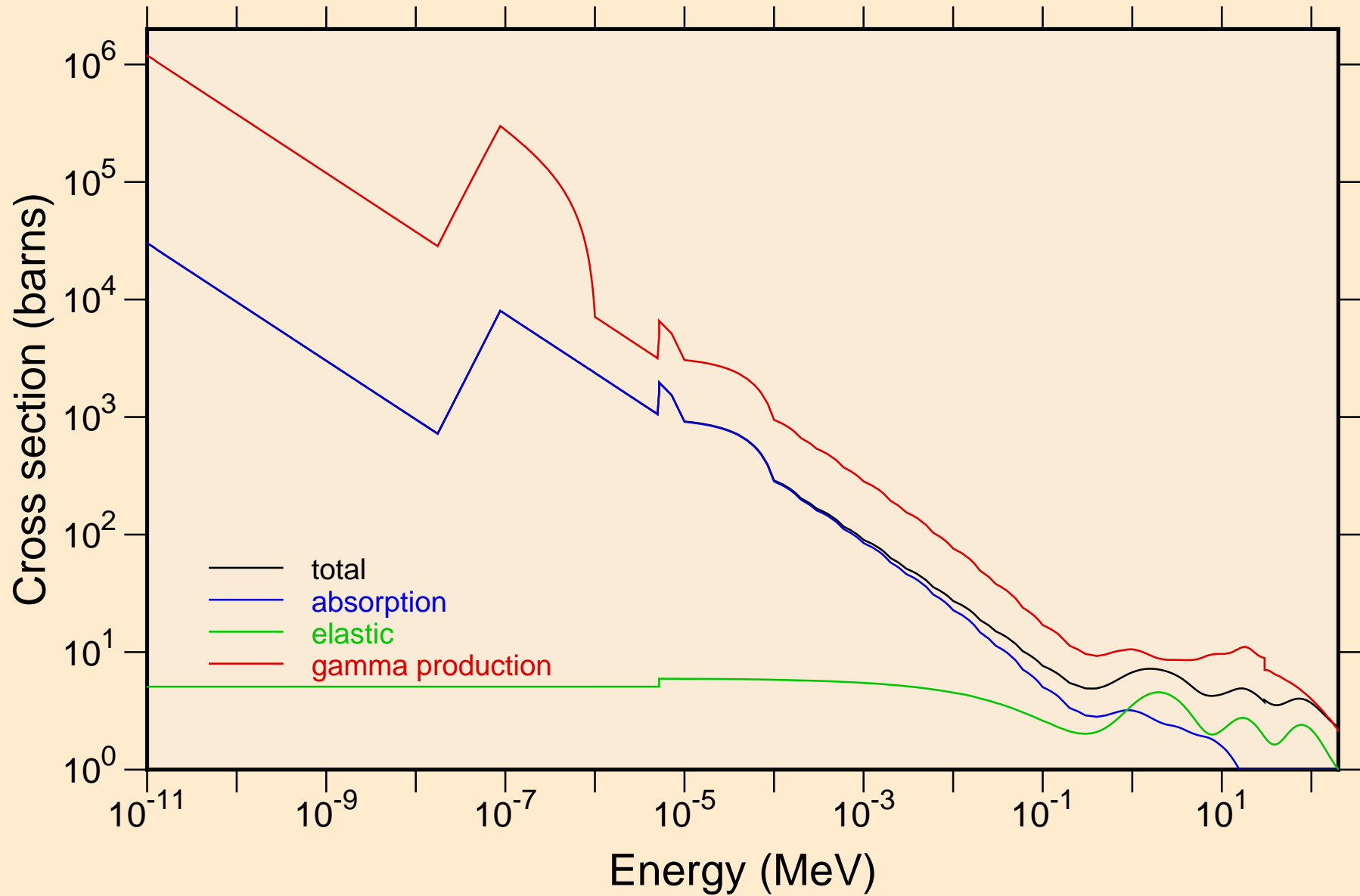


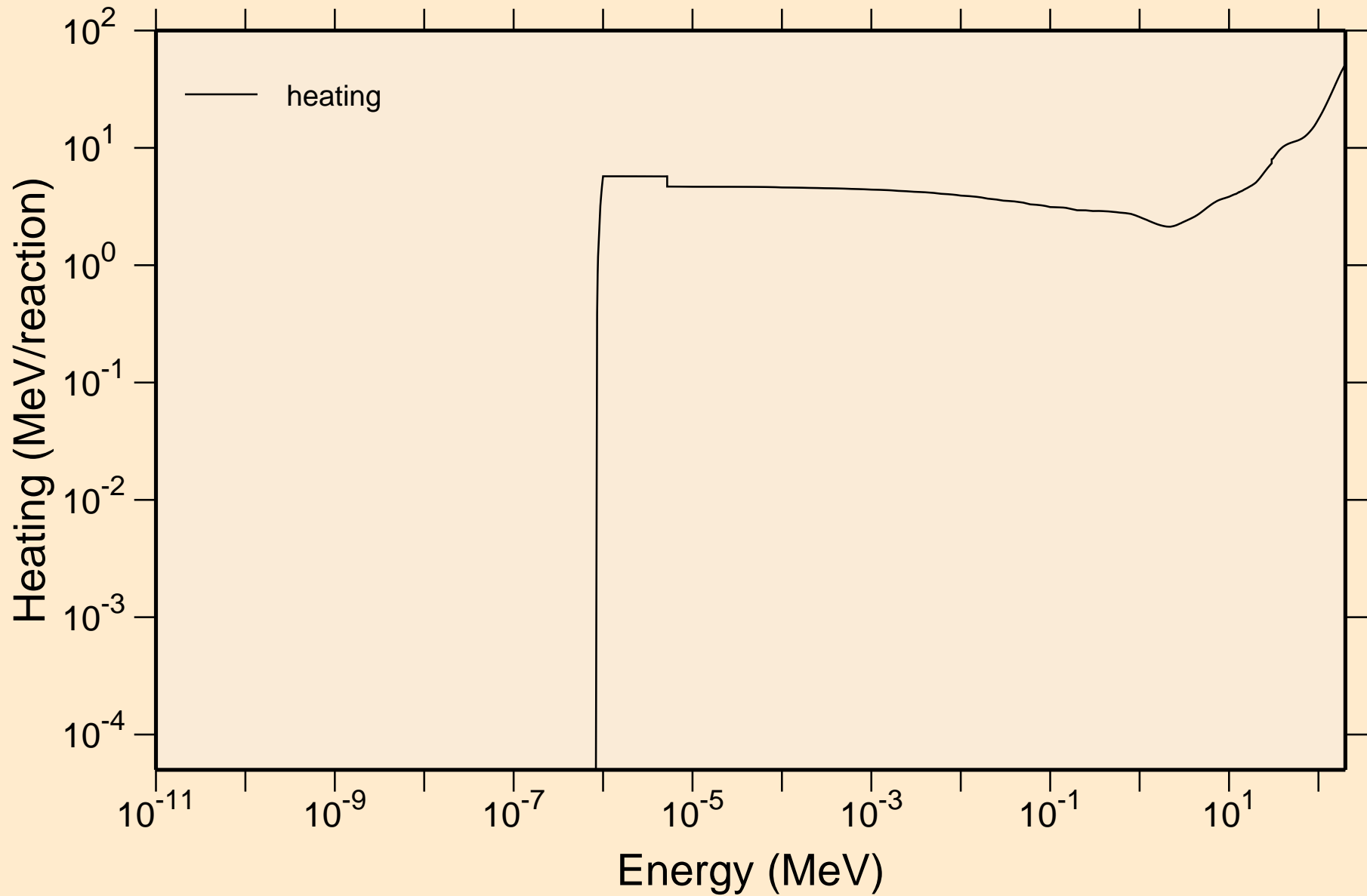
# TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

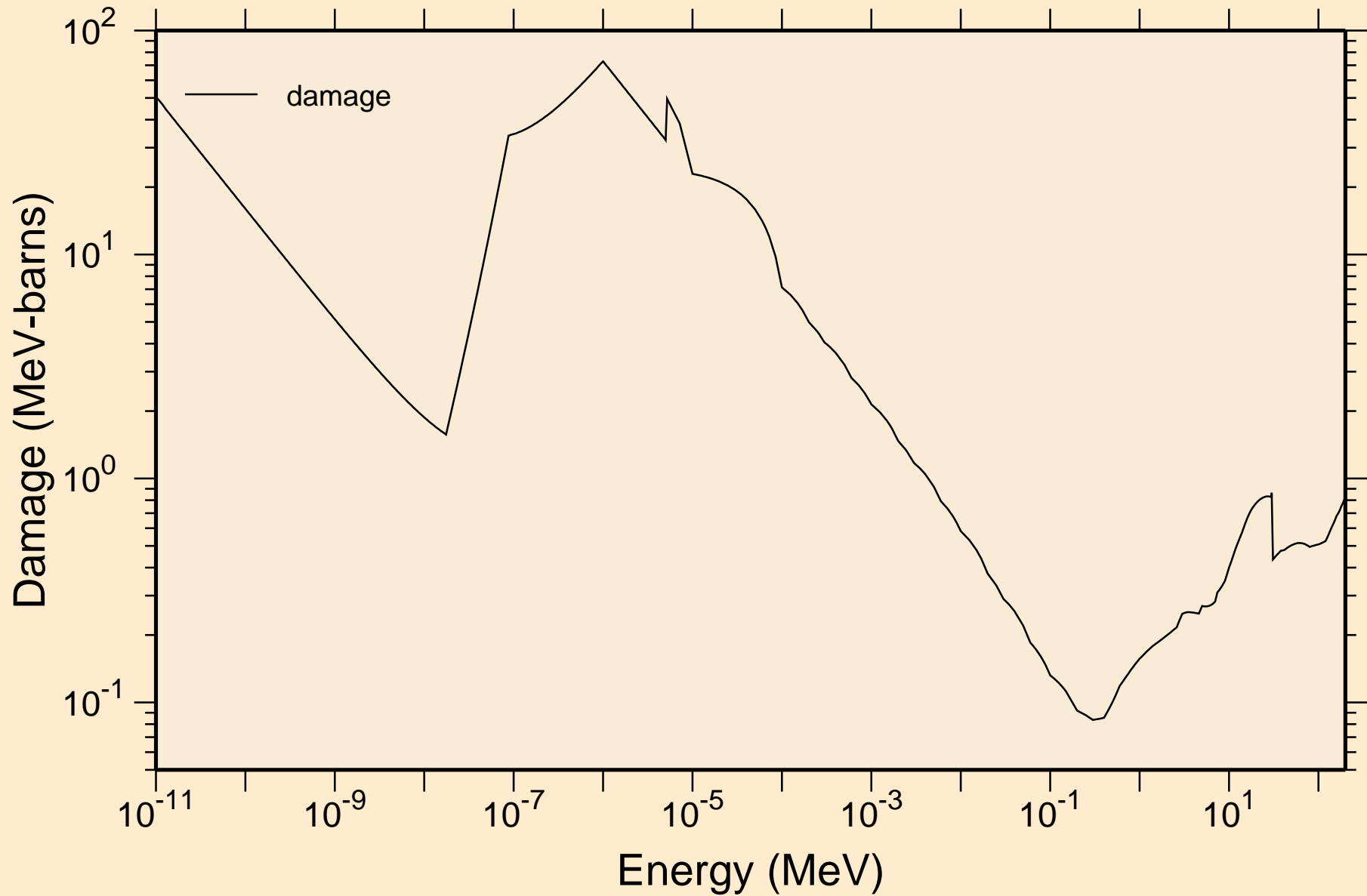


# TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

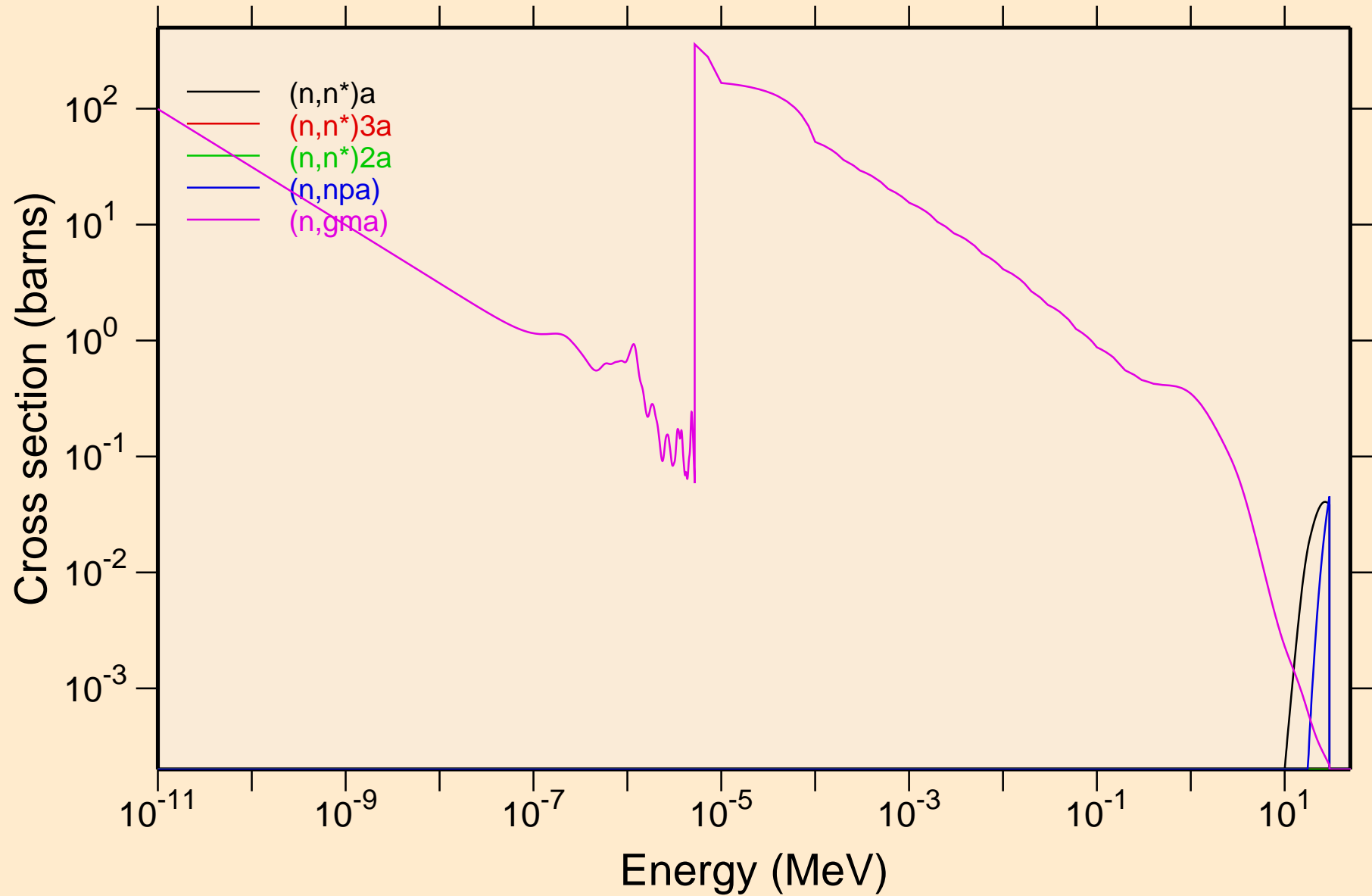


TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

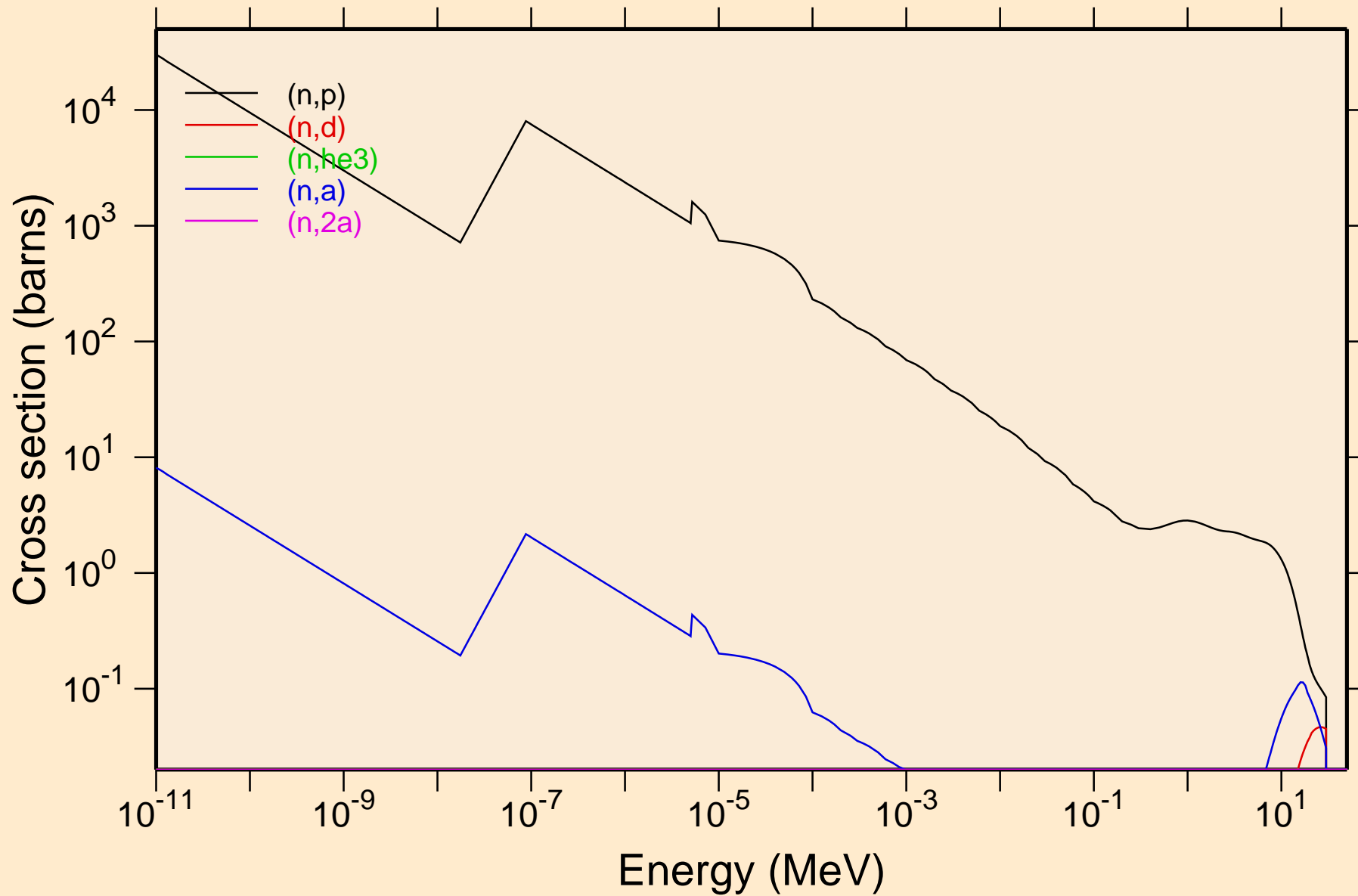


# TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

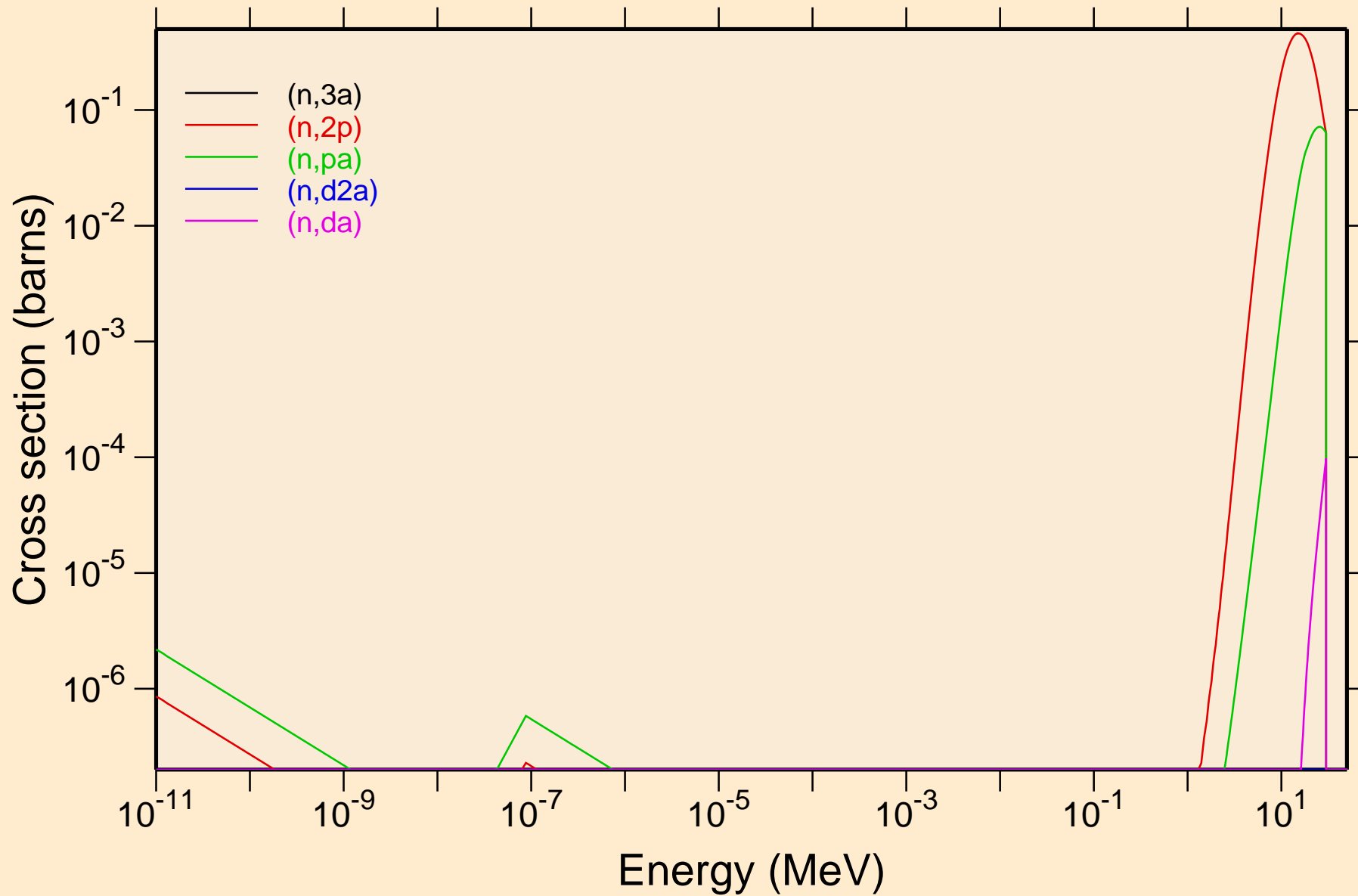
## Non-threshold reactions



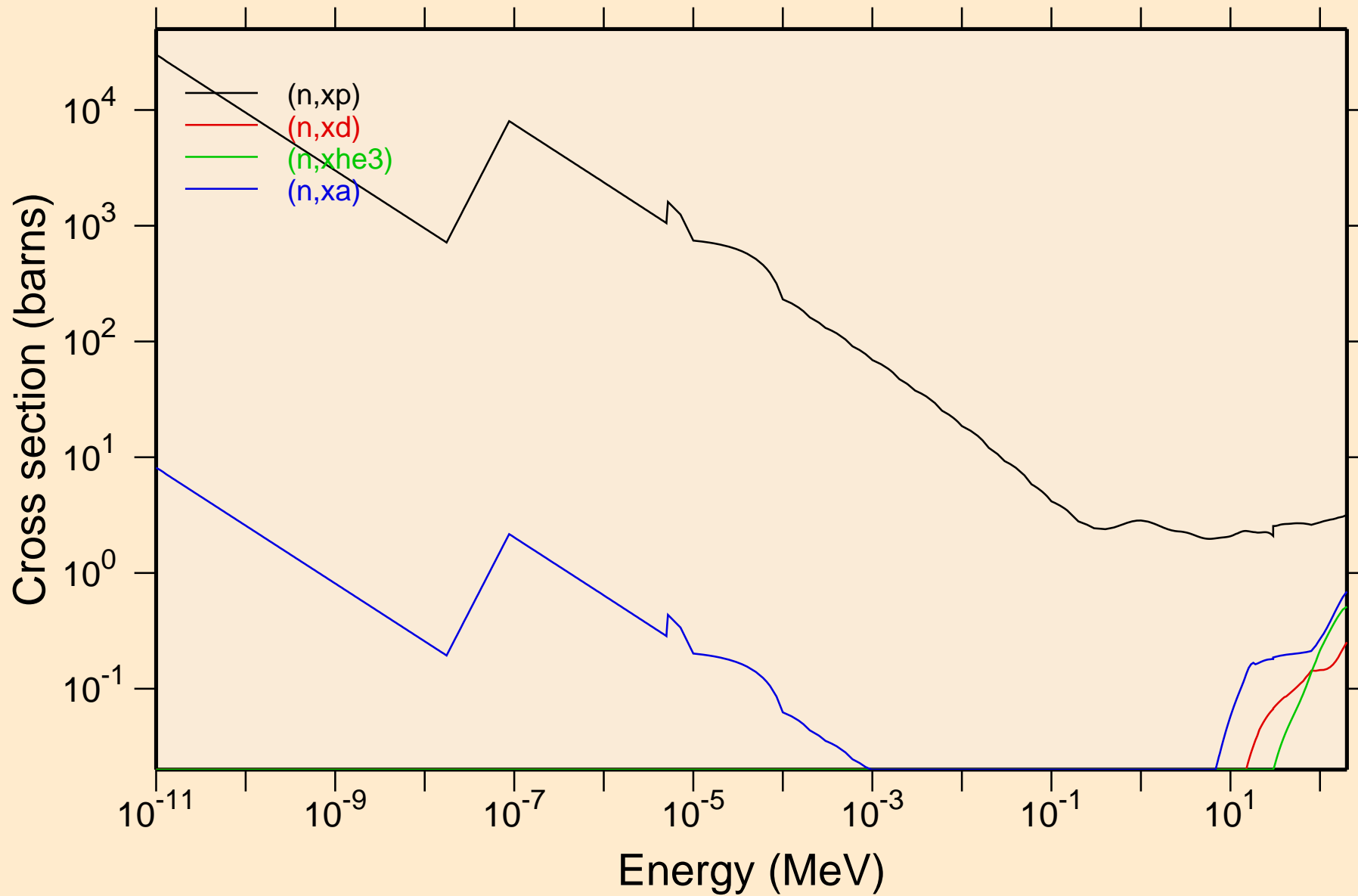
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

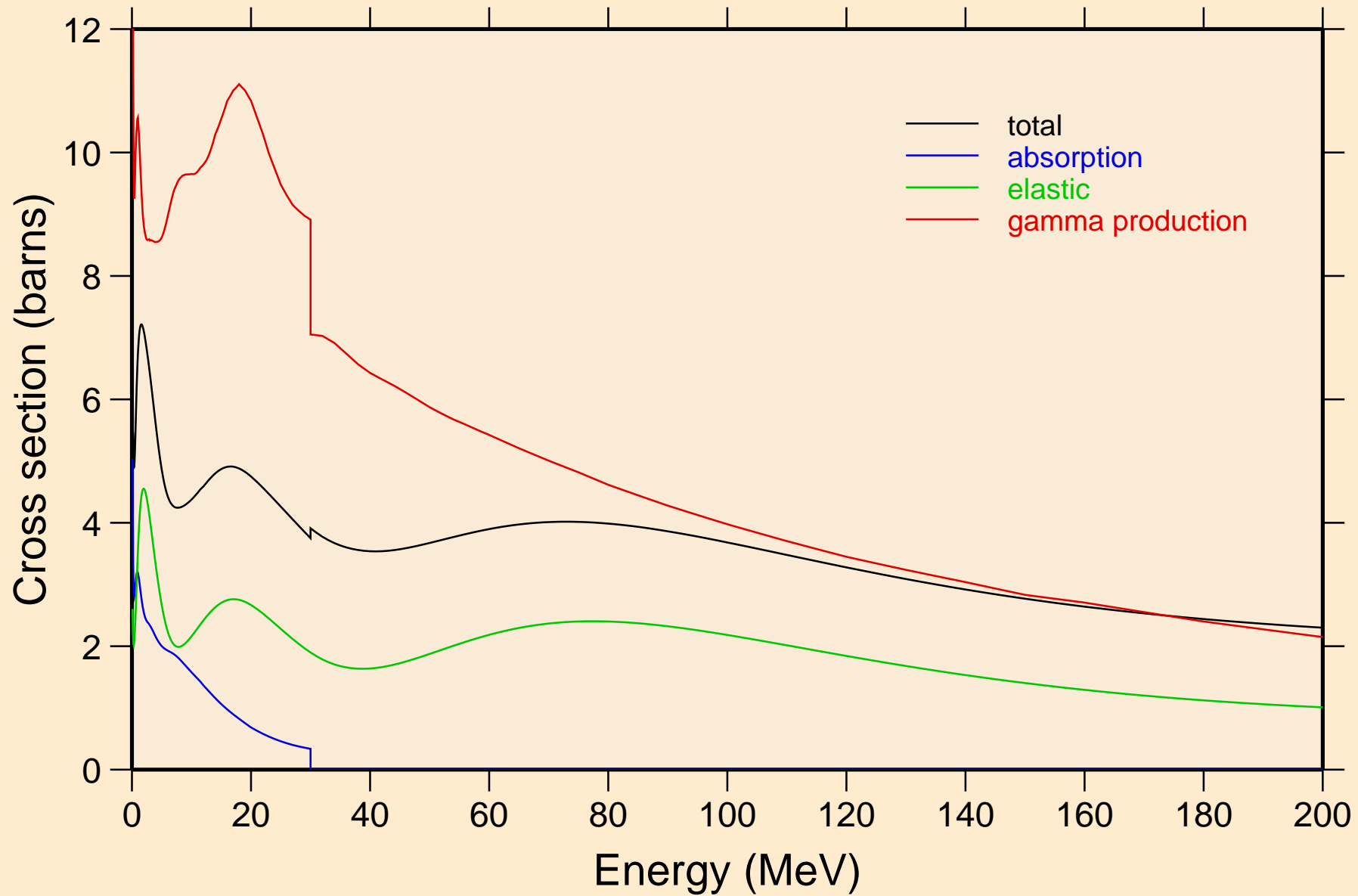


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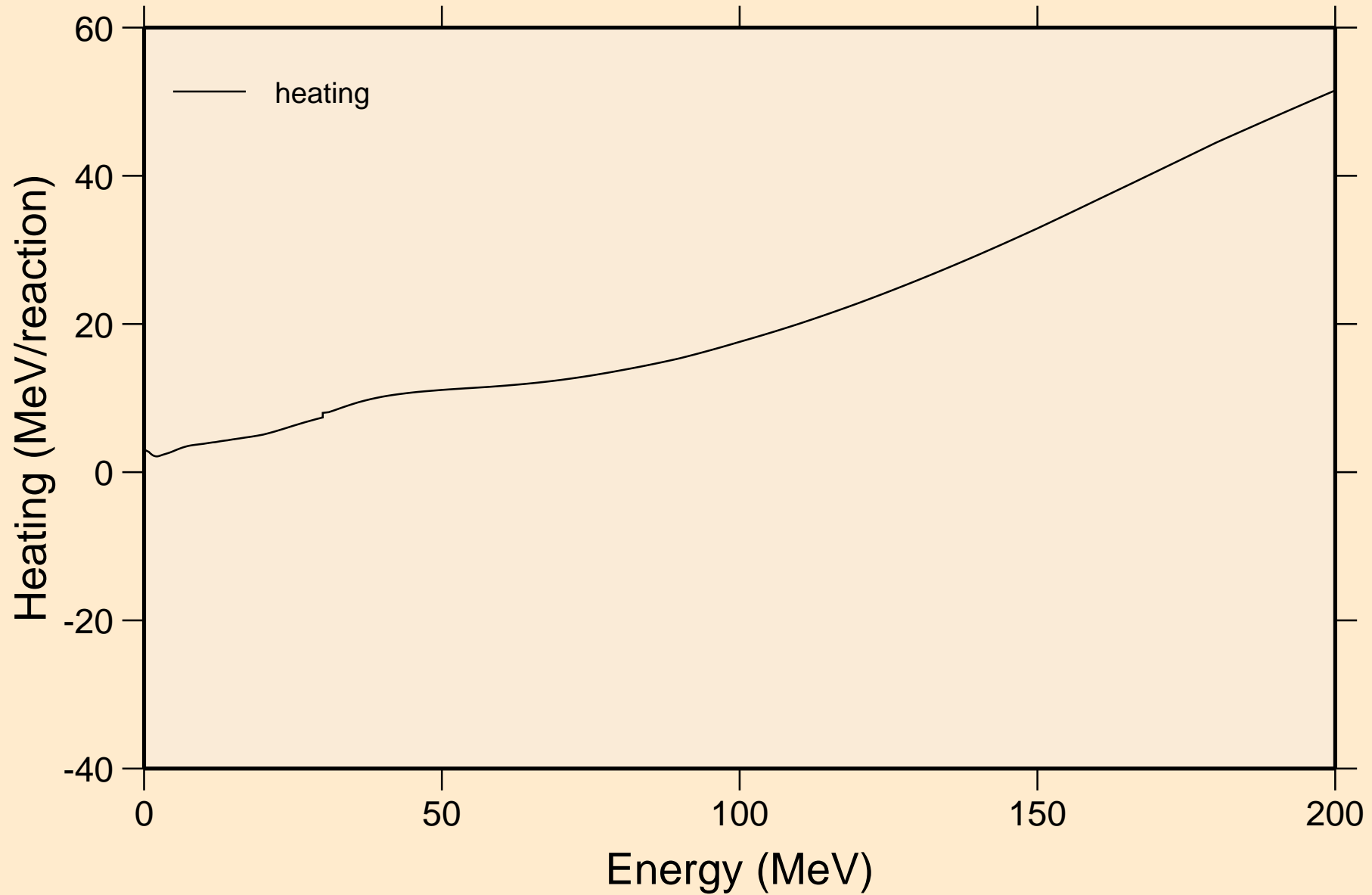
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## Principal cross sections

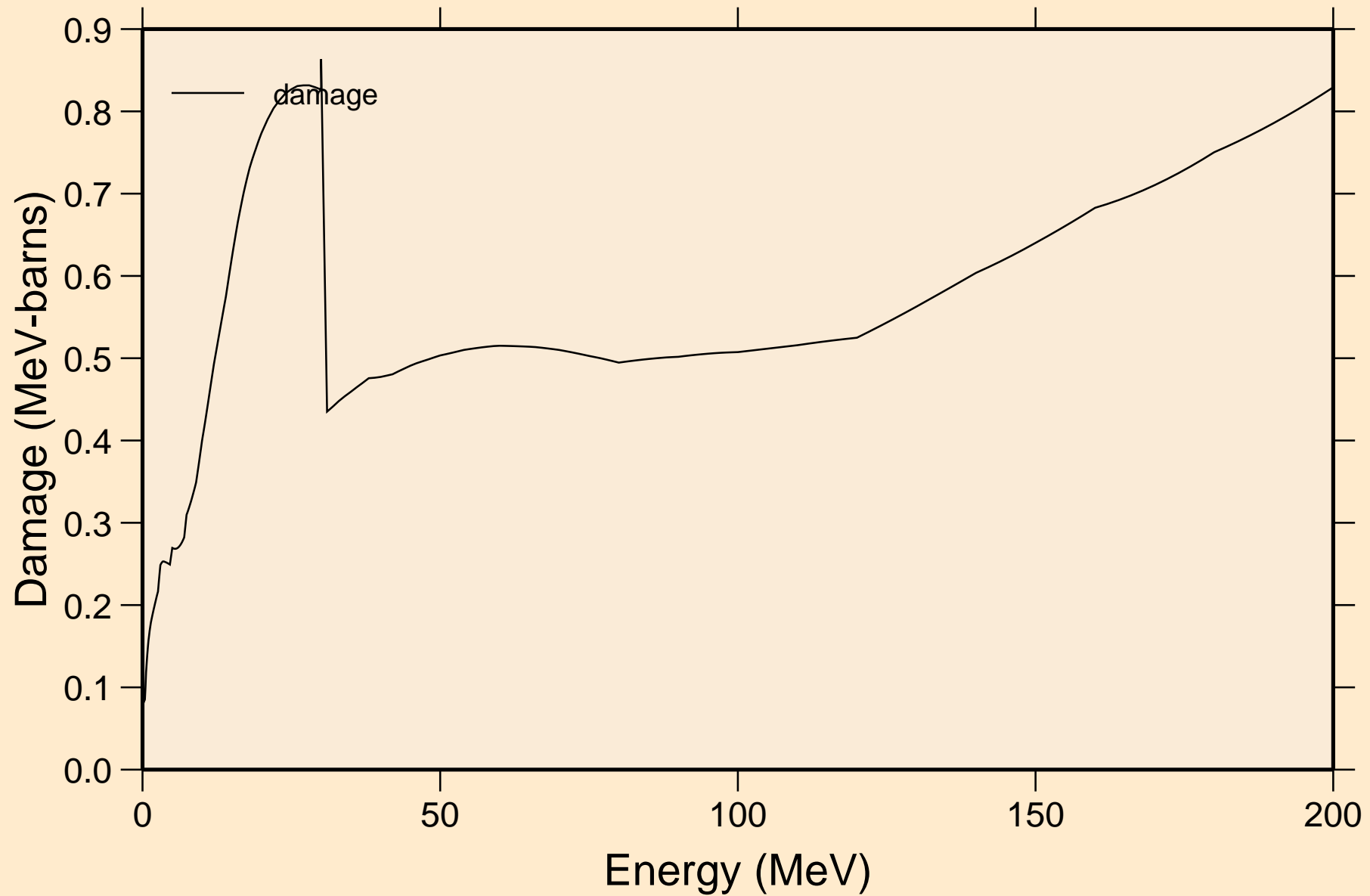




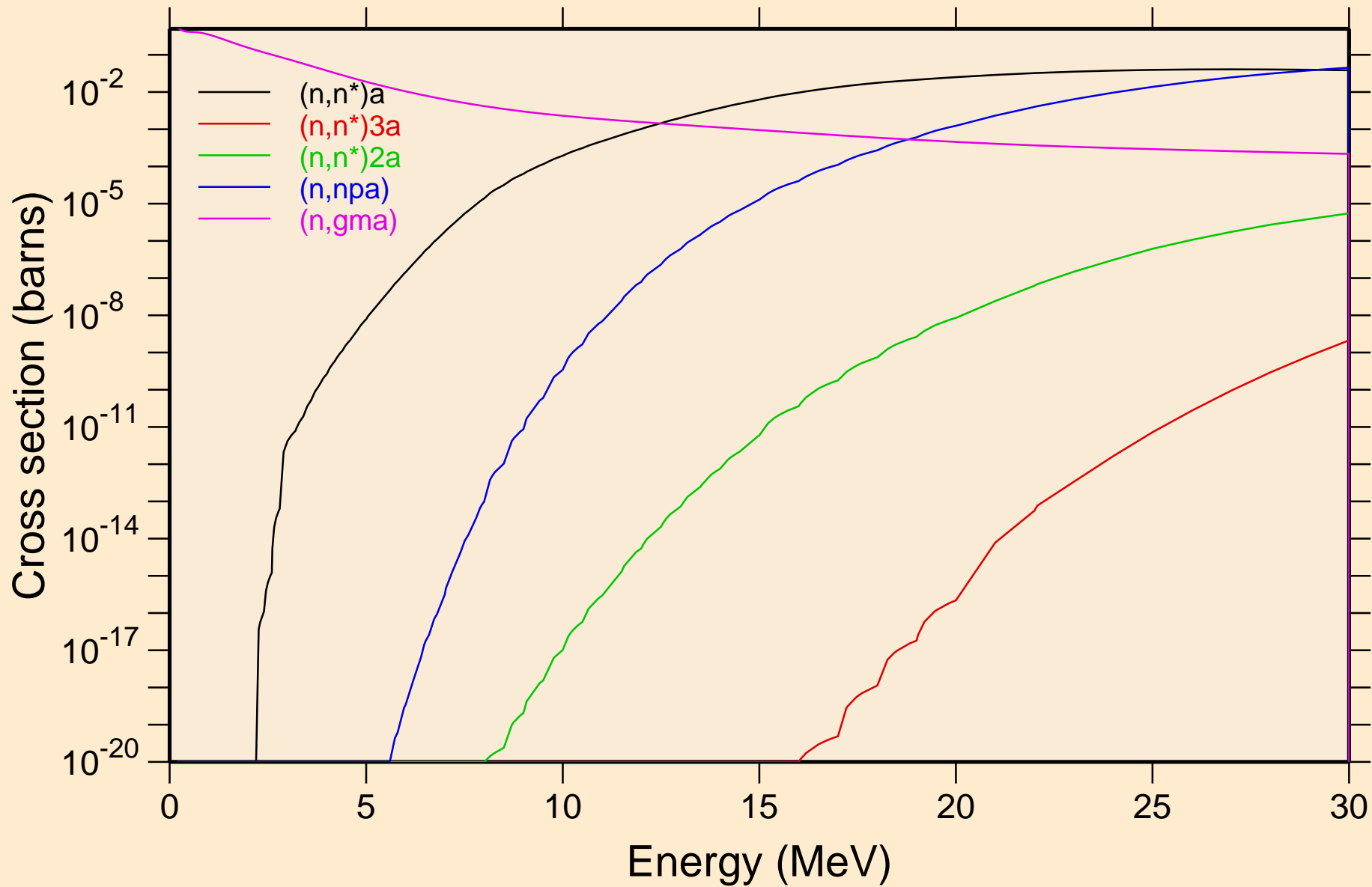
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Heating



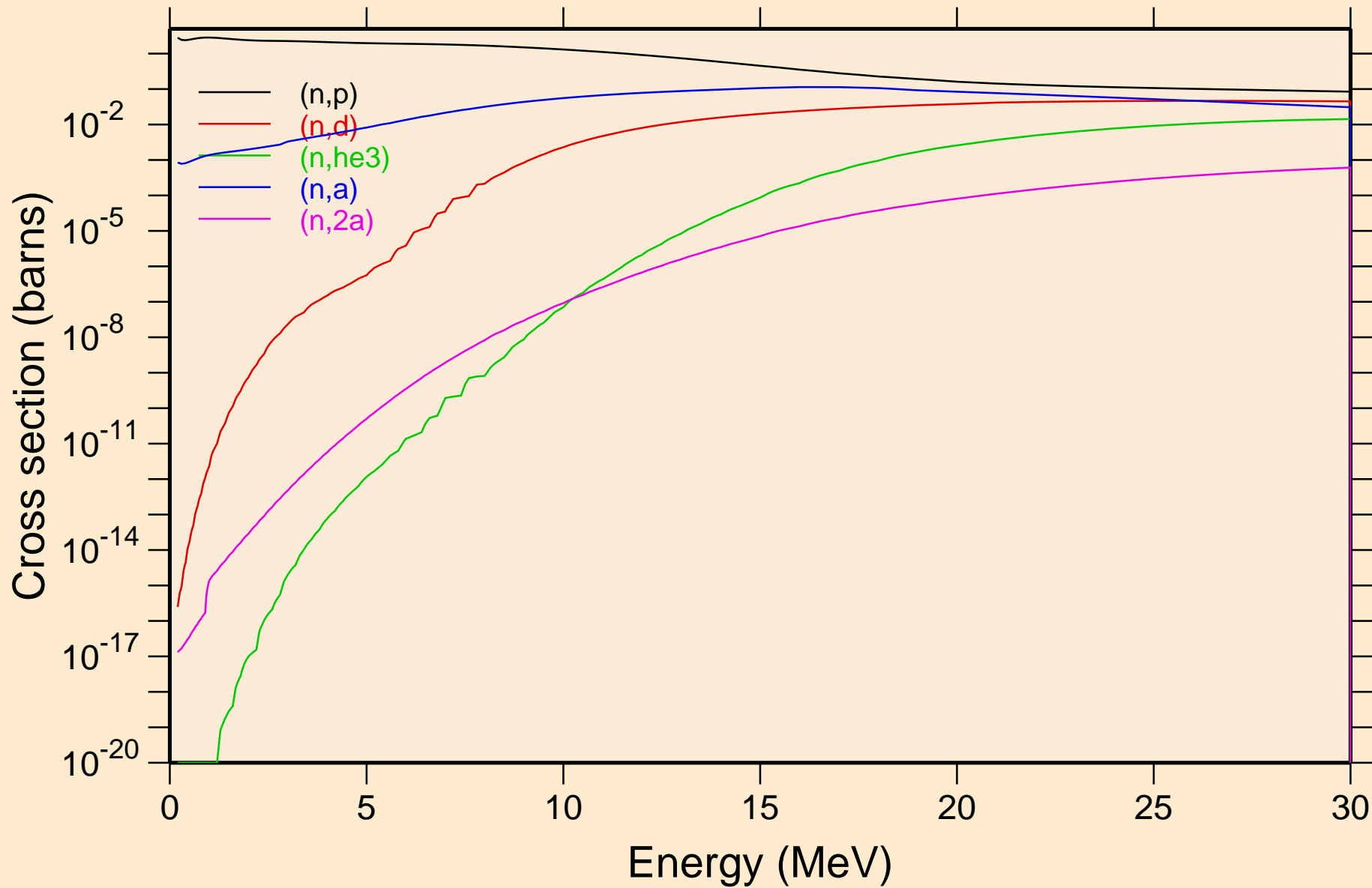
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Damage



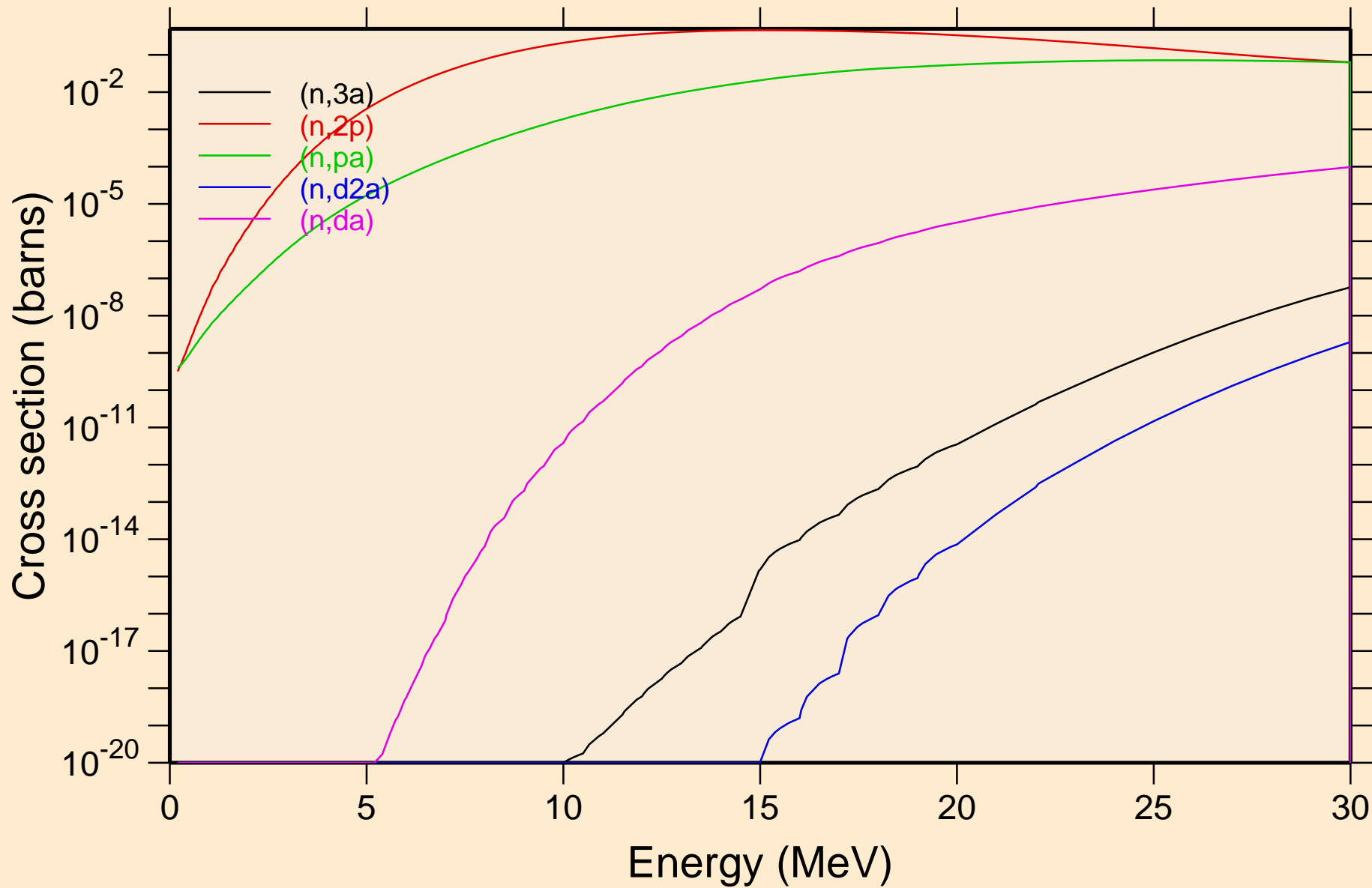
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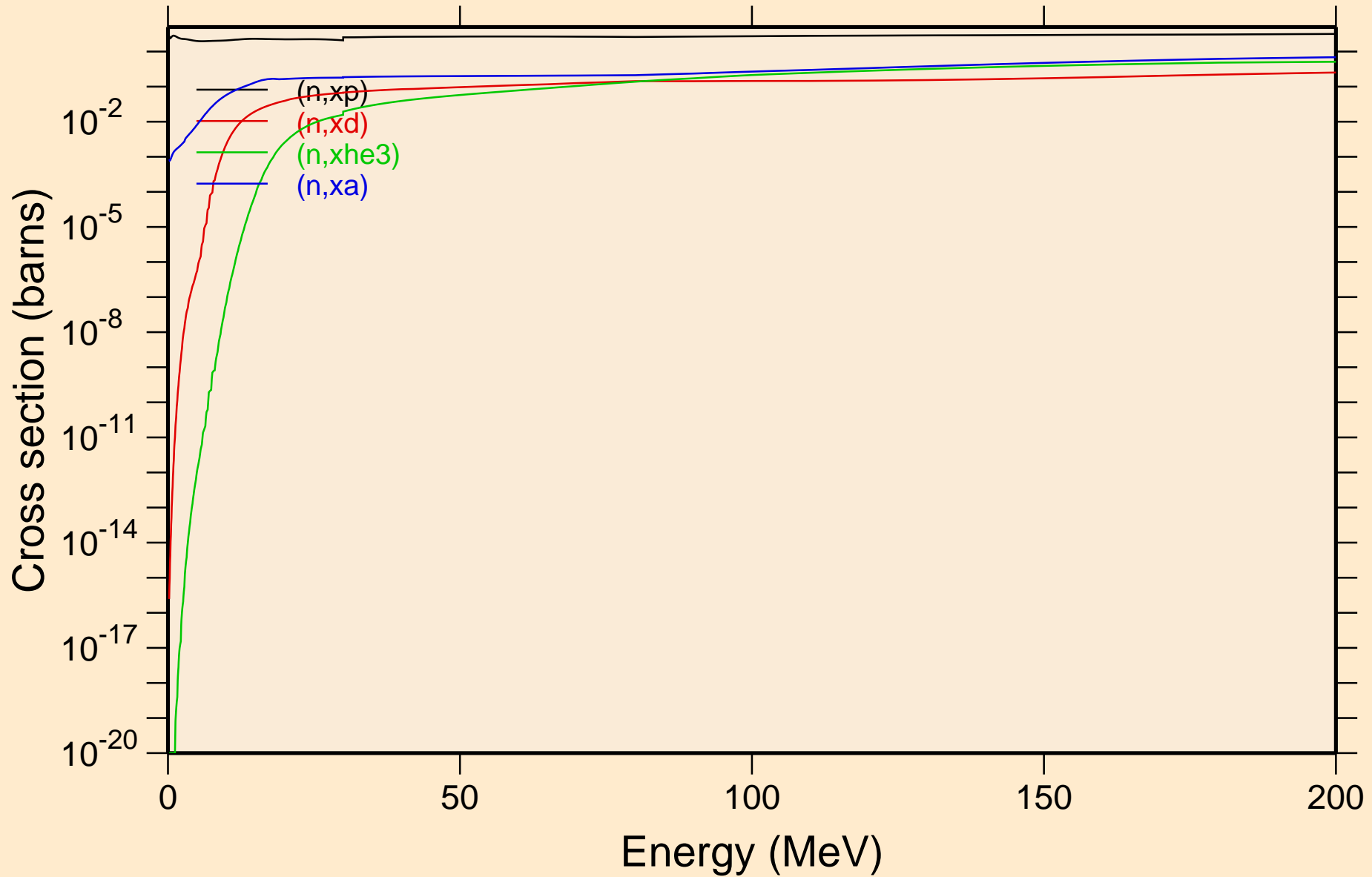
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Non-threshold reactions



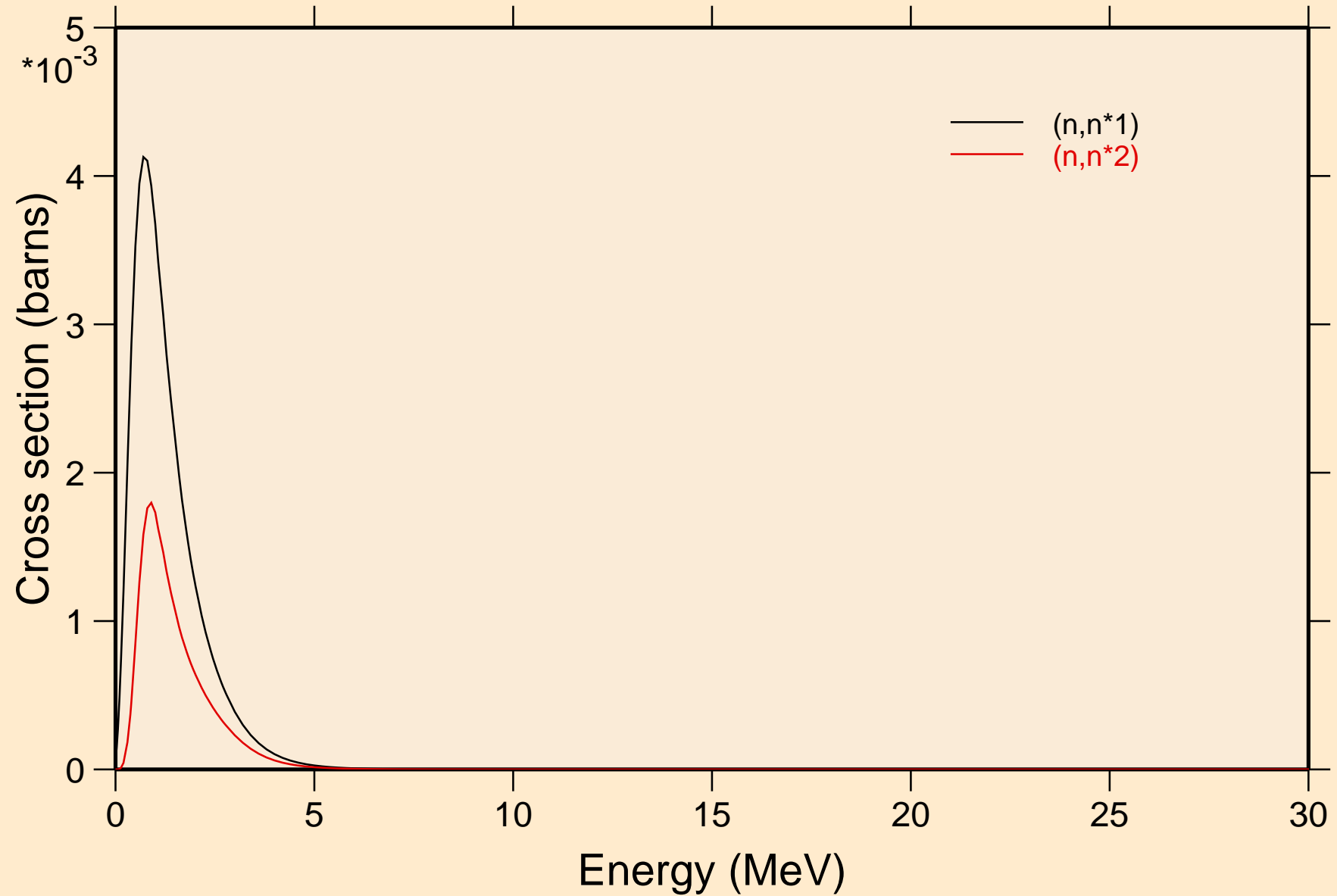
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Non-threshold reactions



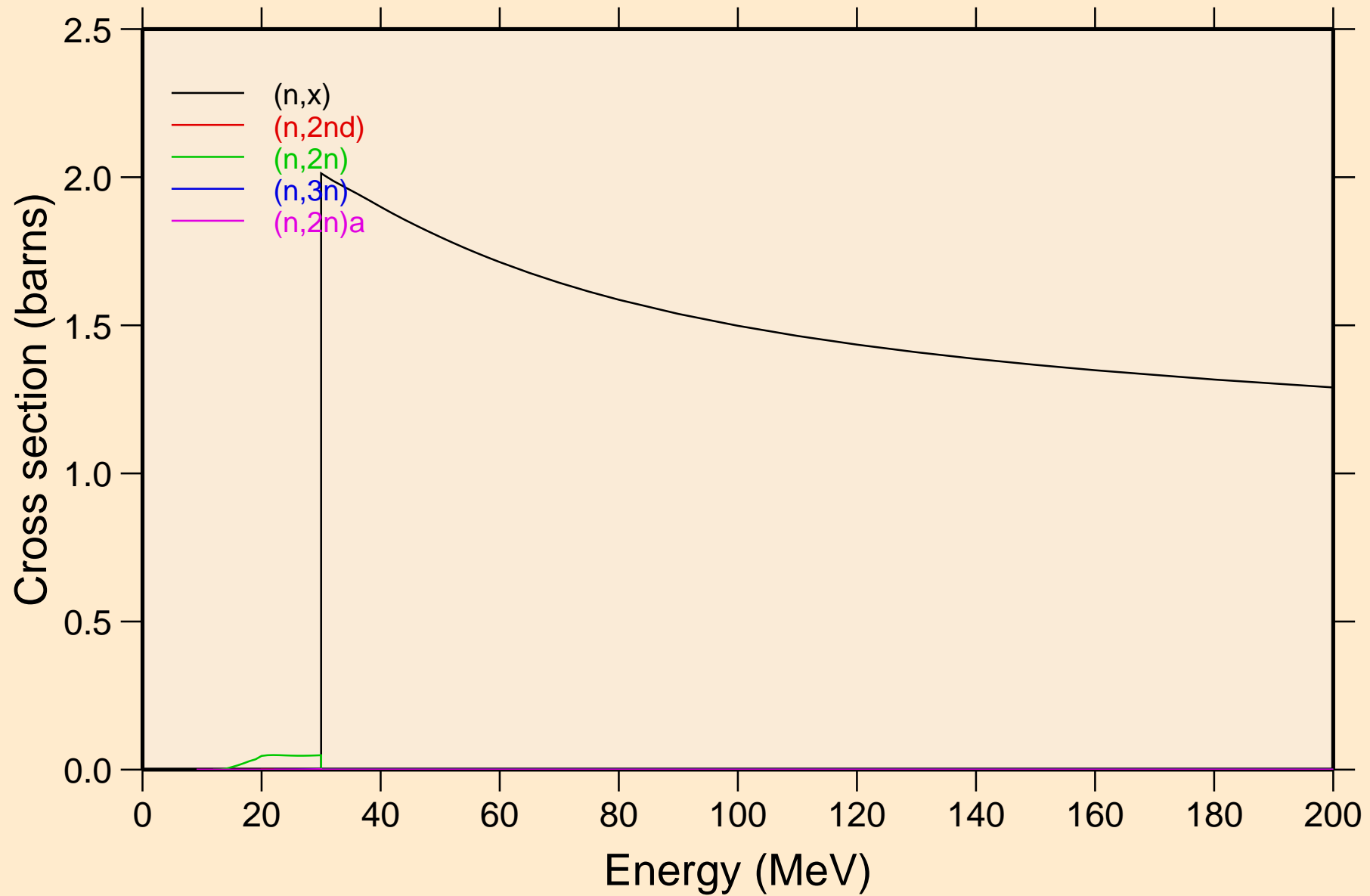
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Non-threshold reactions



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

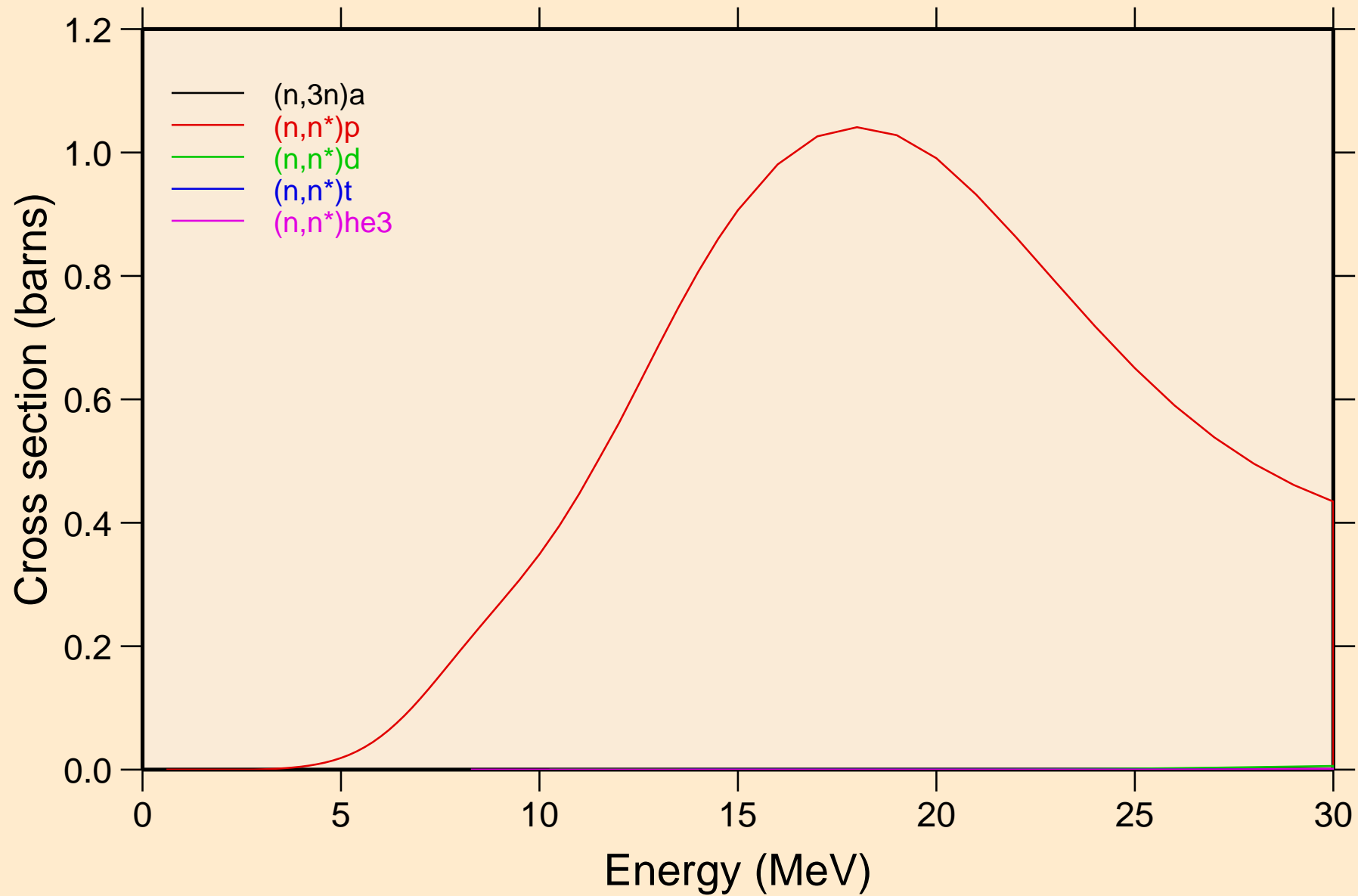


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Threshold reactions

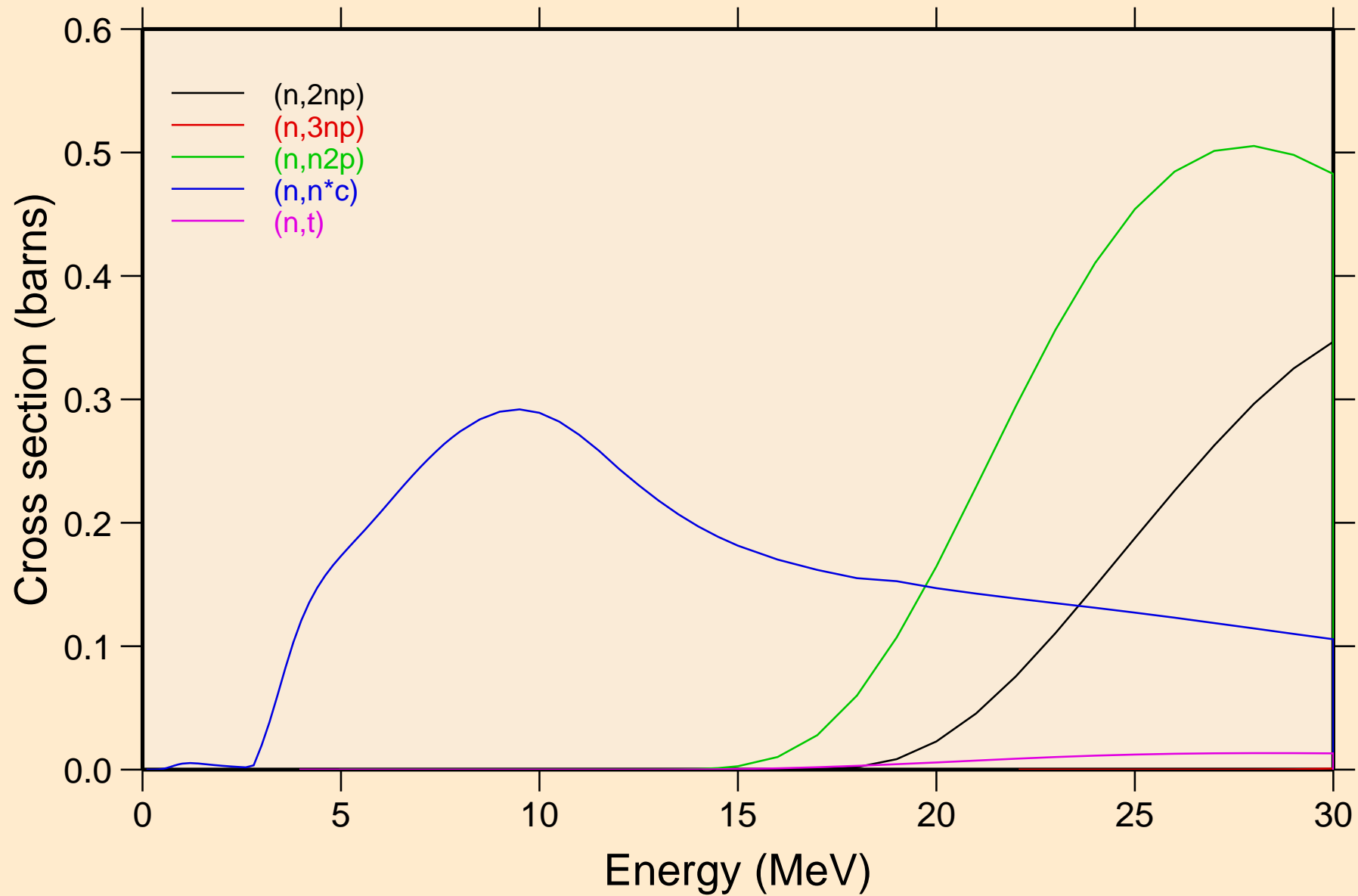




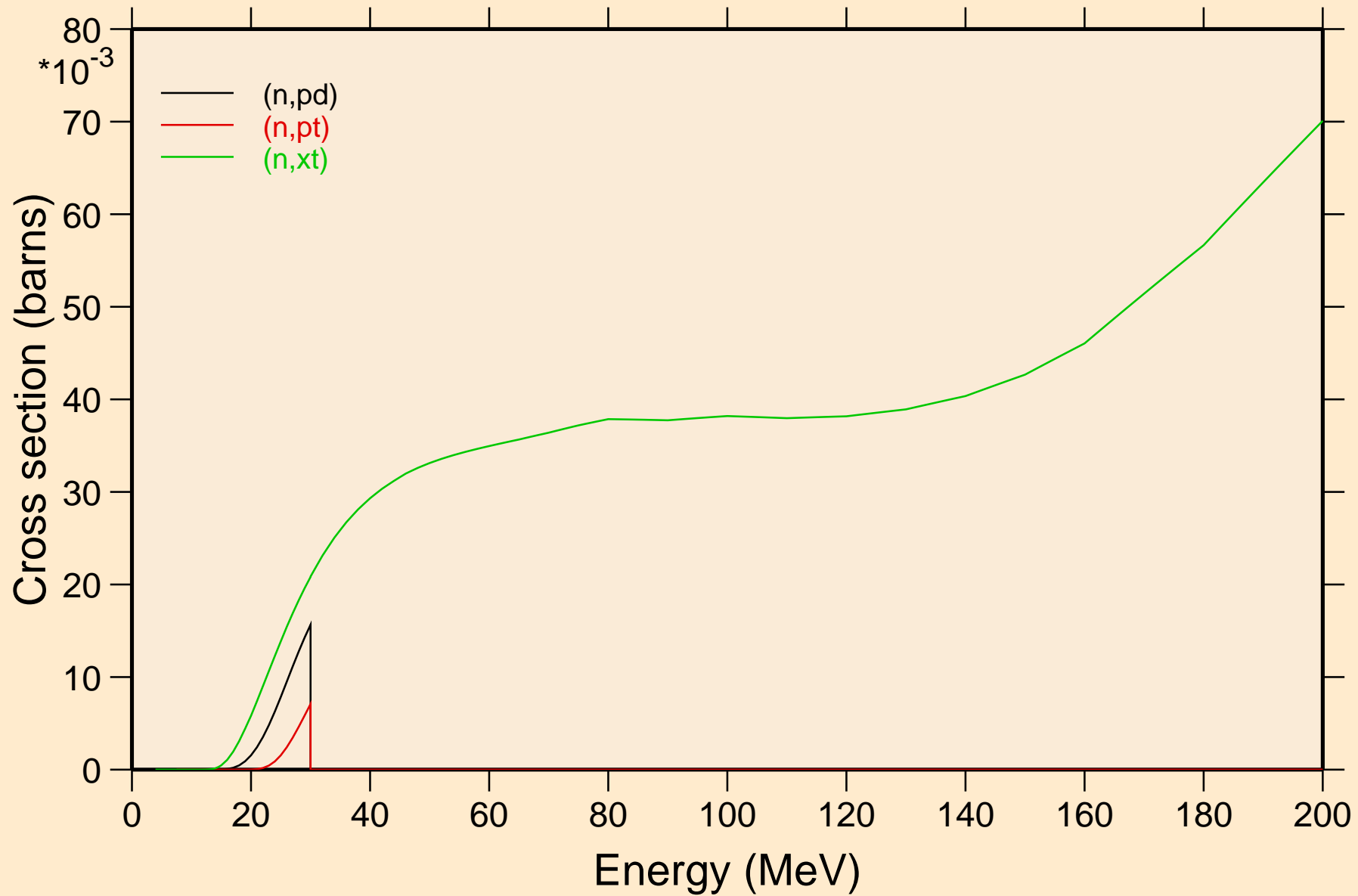
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Threshold reactions



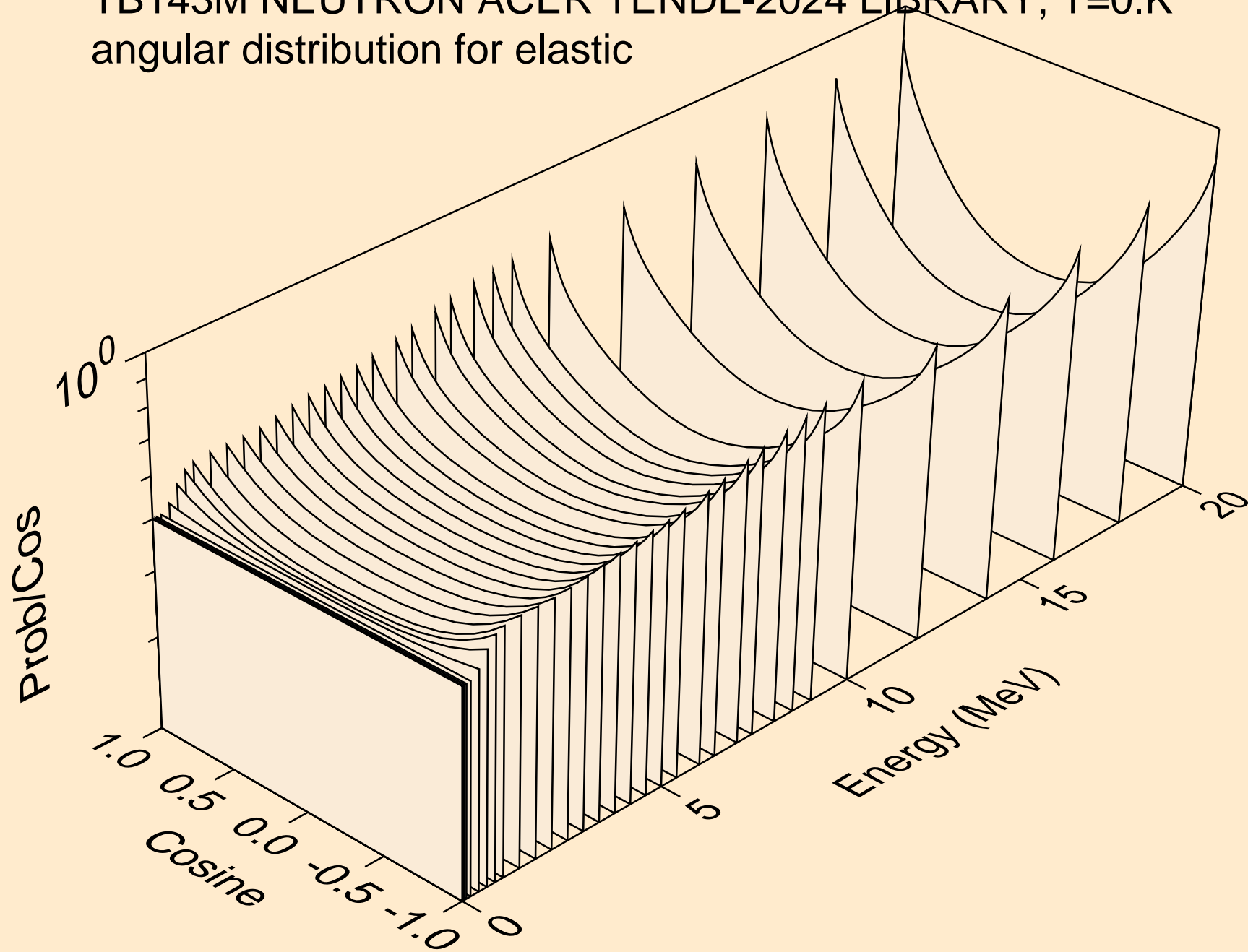
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Threshold reactions



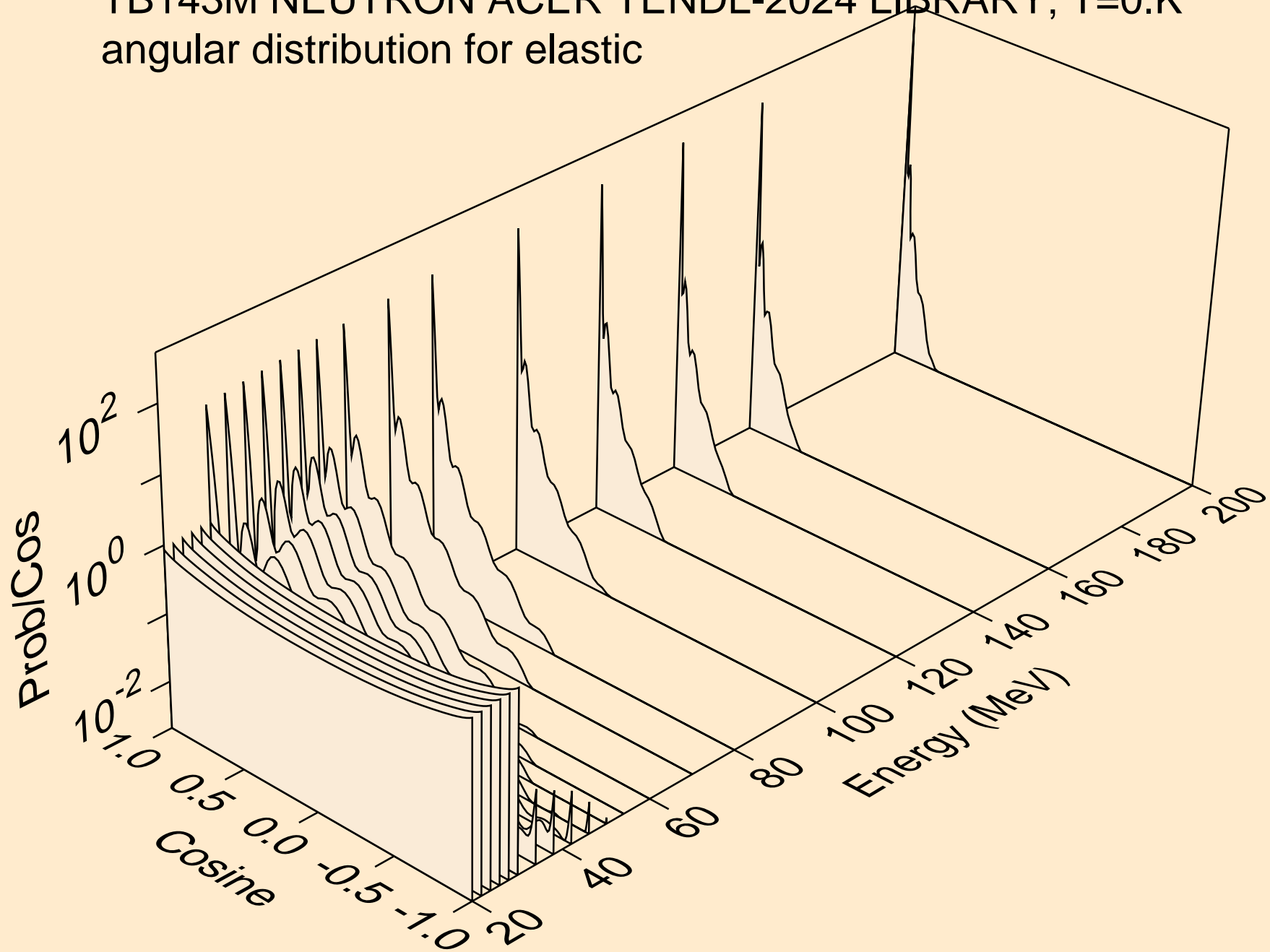
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Threshold reactions



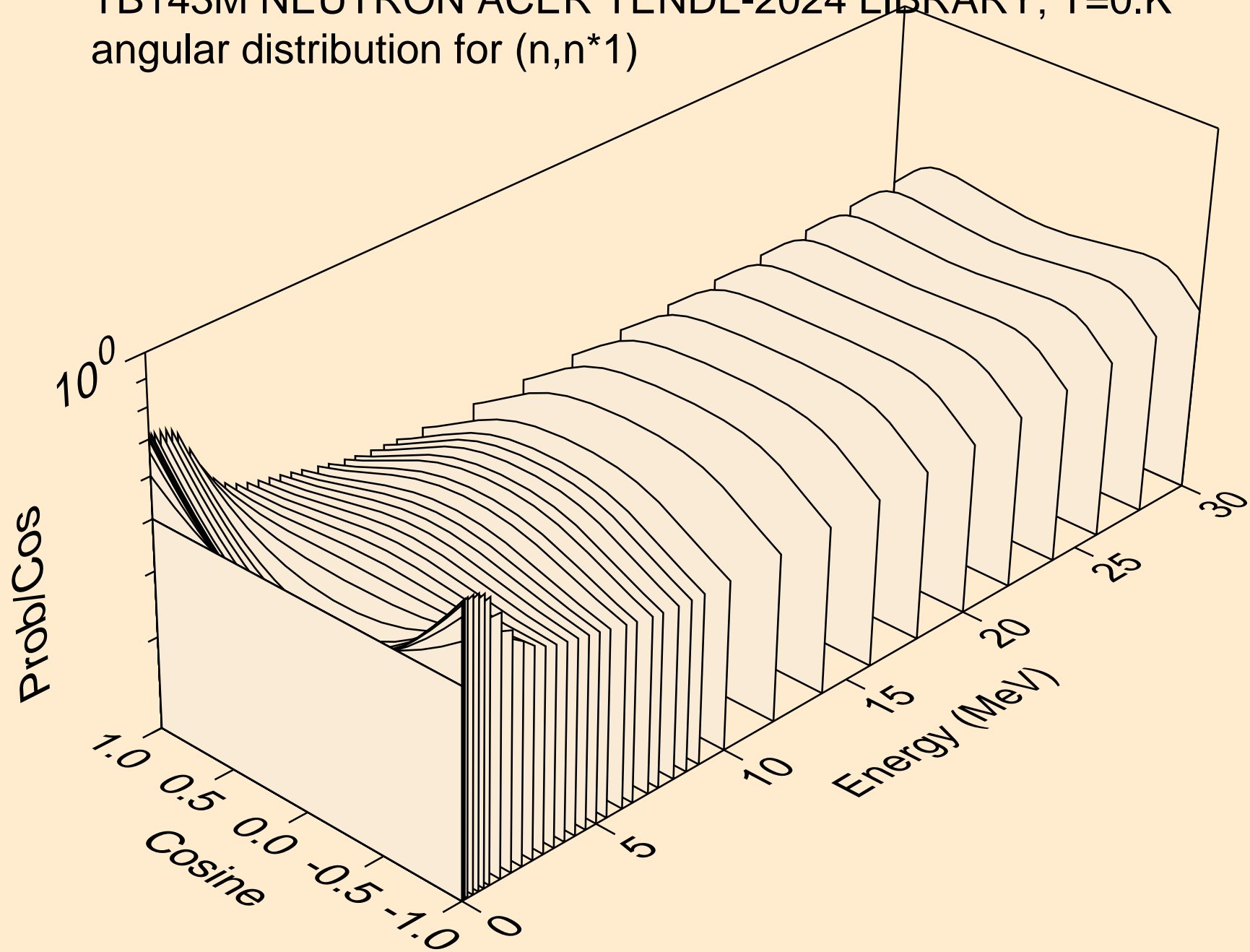
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angular distribution for elastic



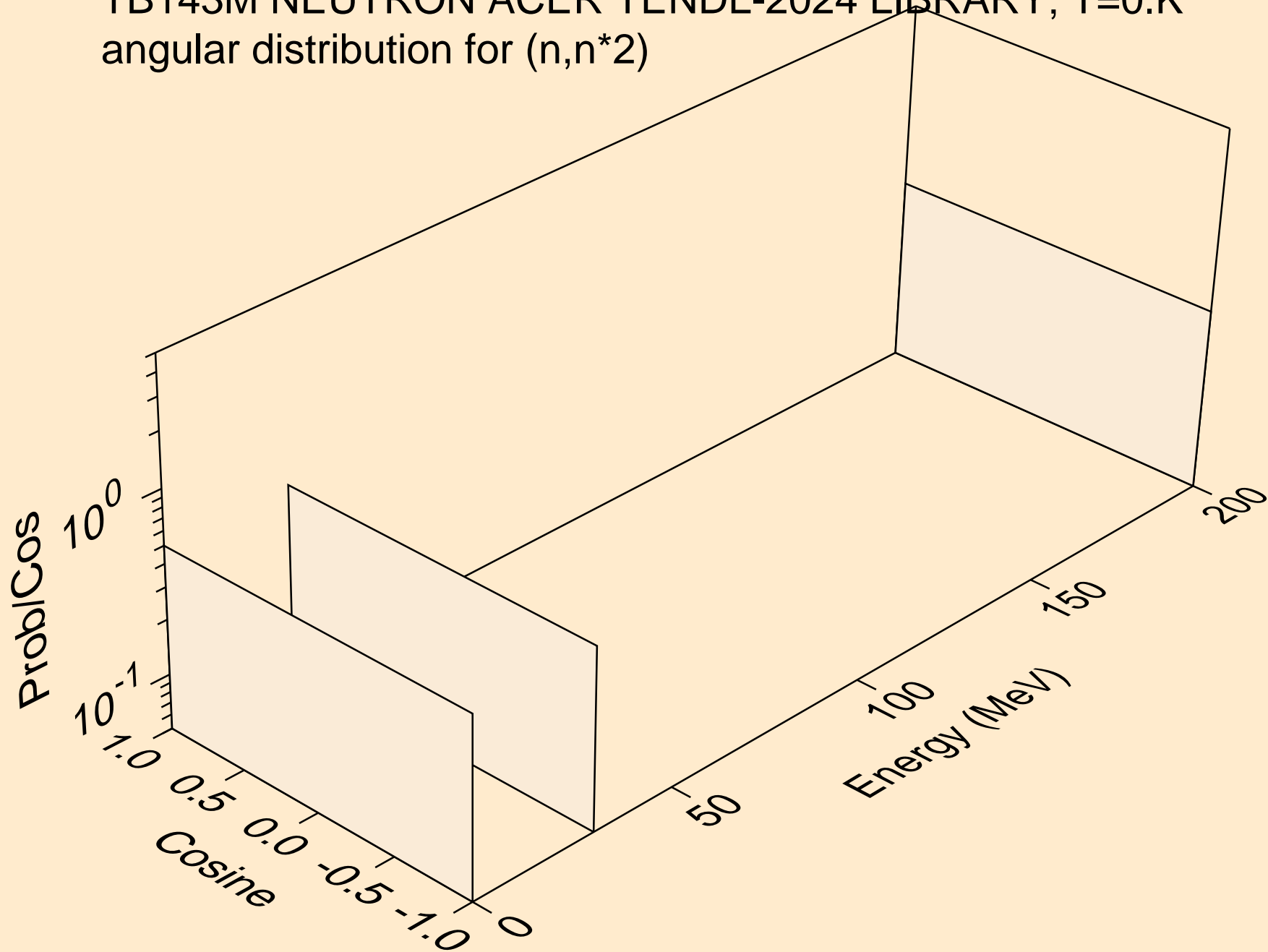
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angular distribution for elastic



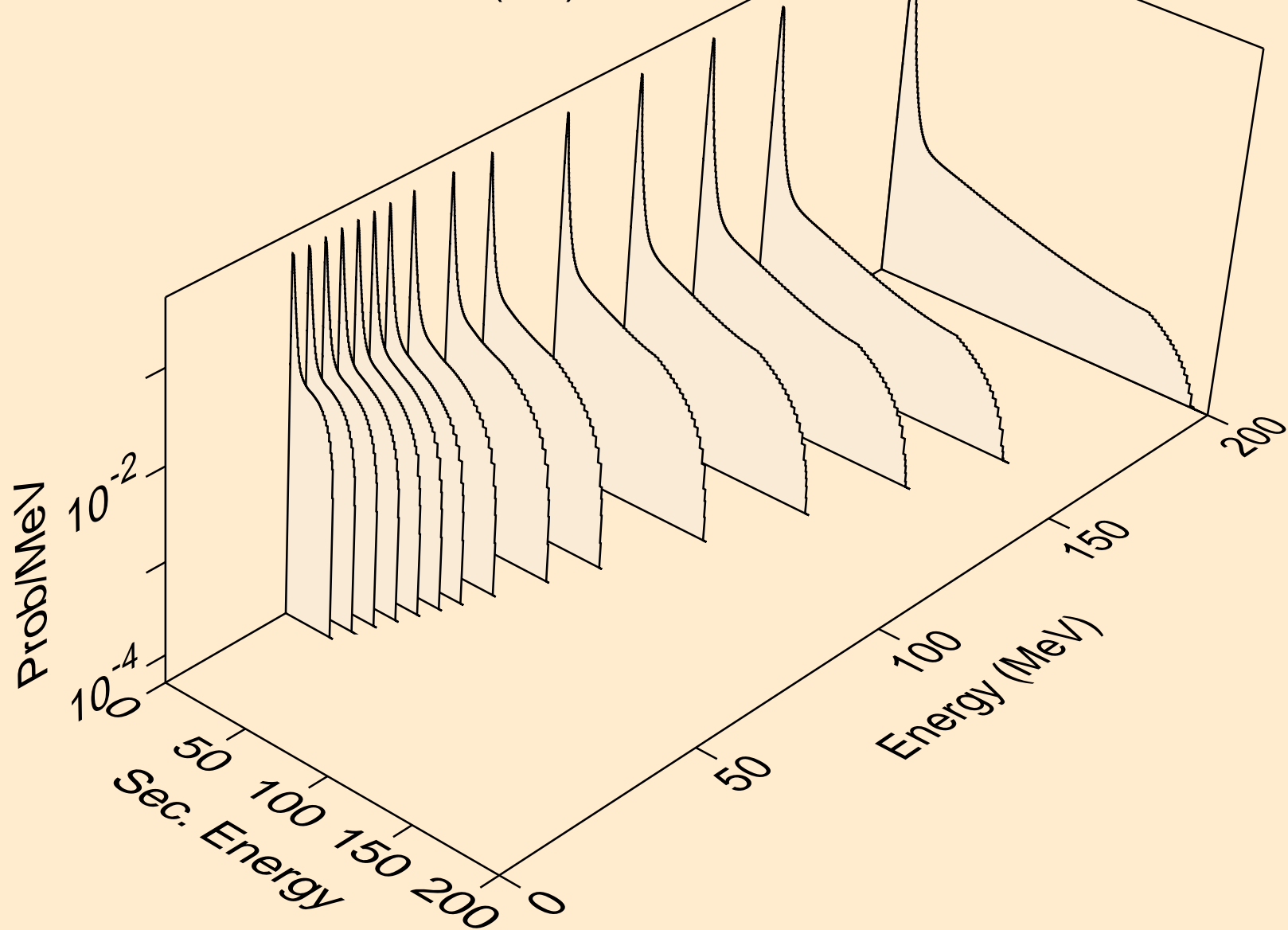
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

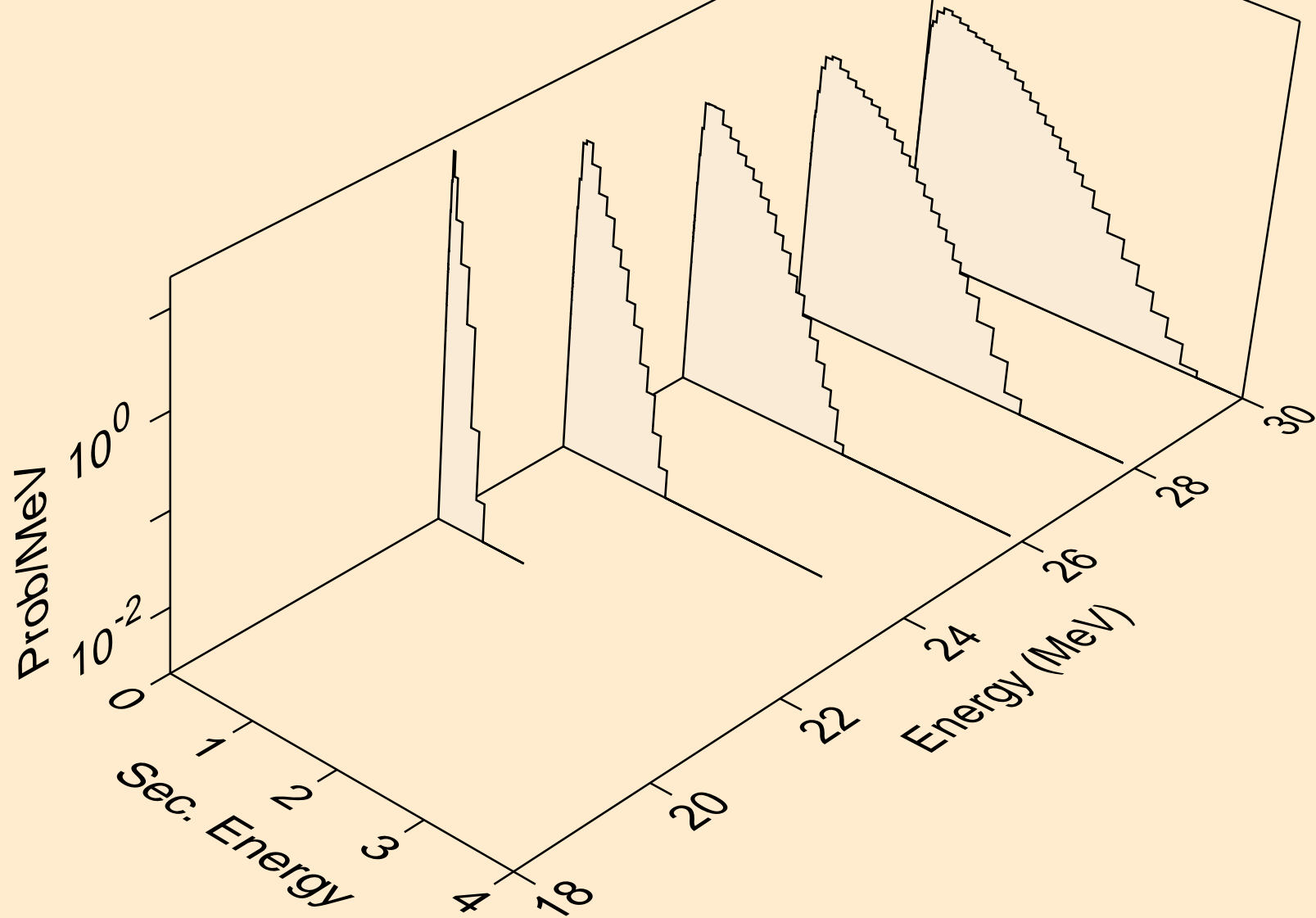


TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

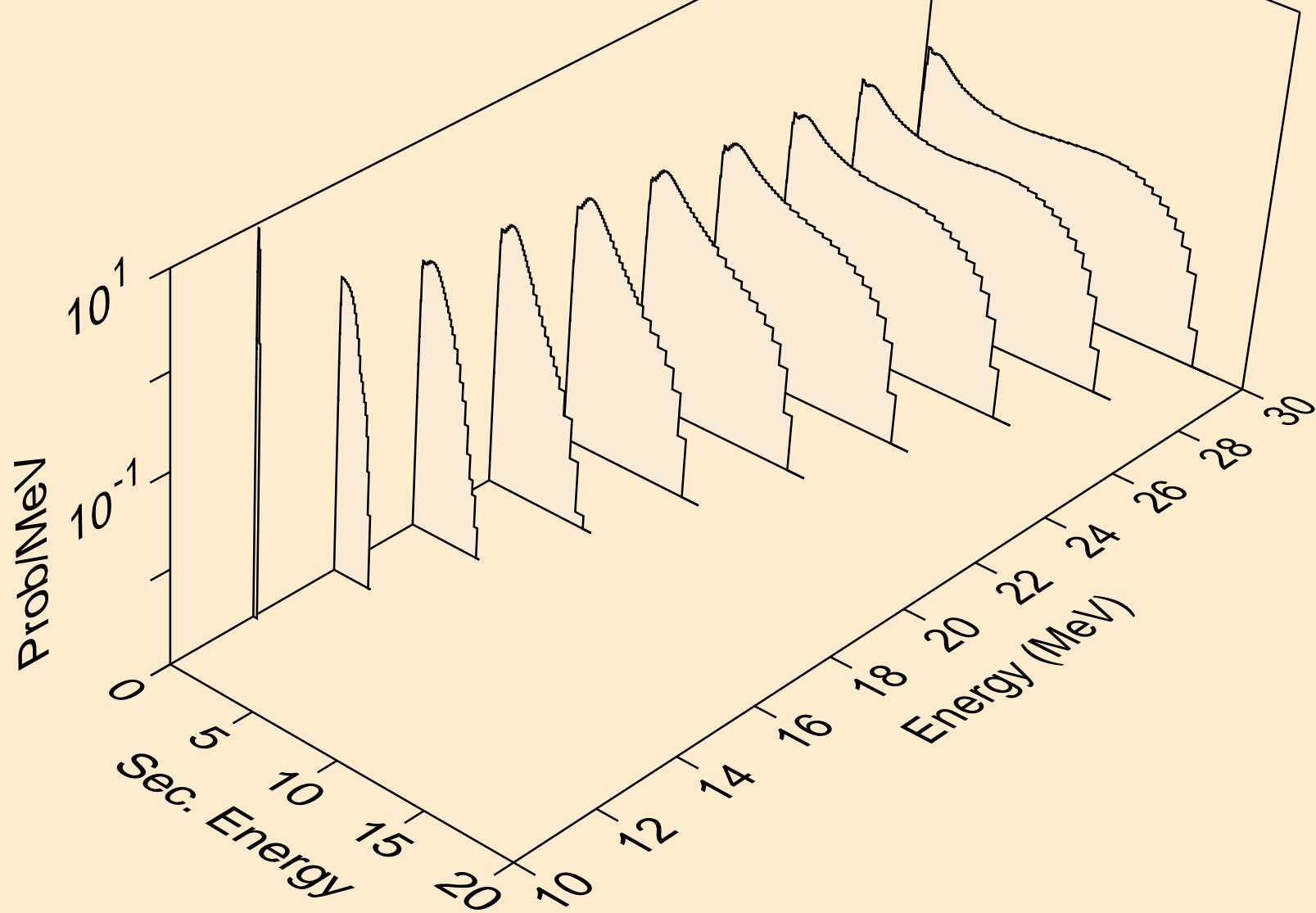




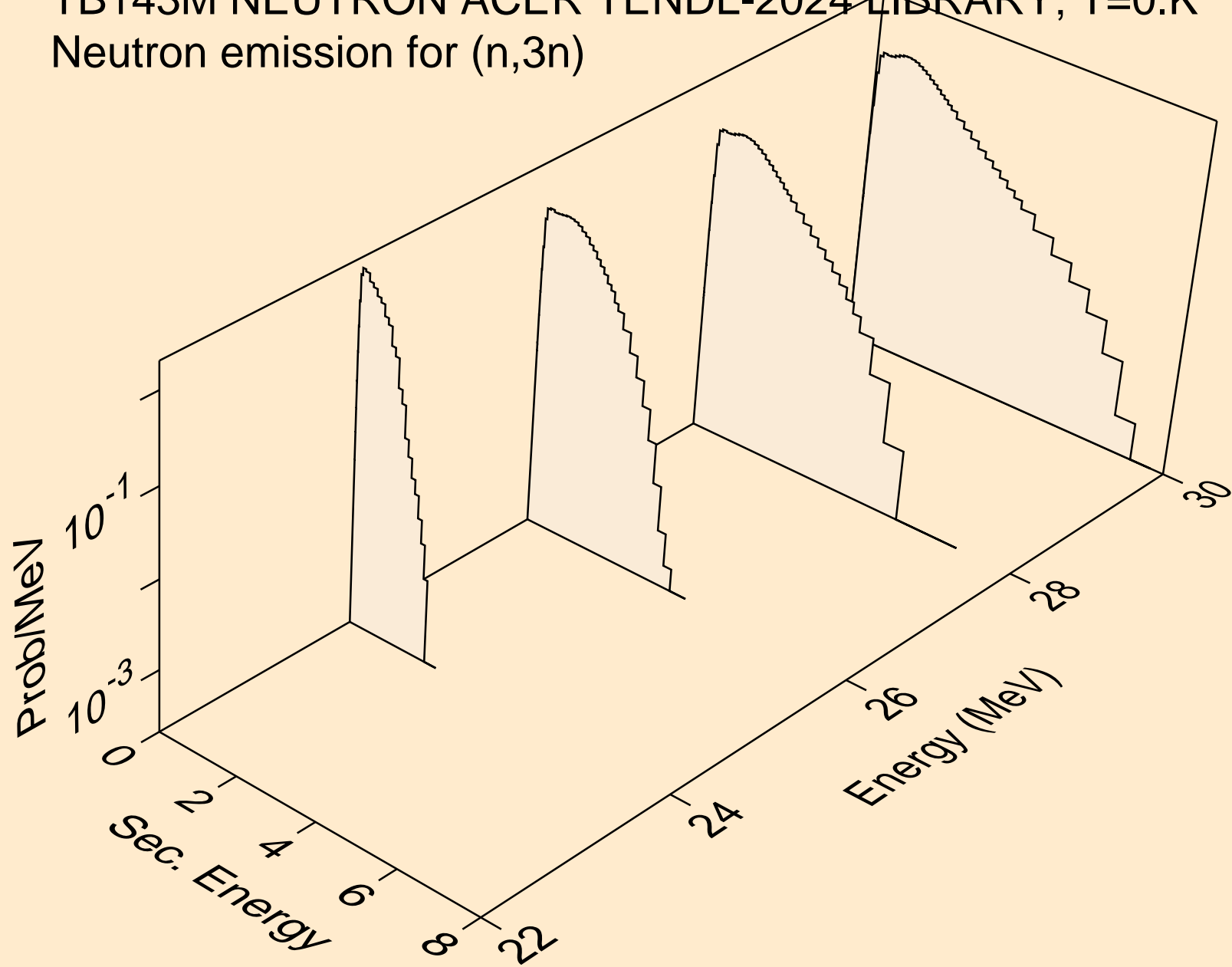
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Neutron emission for (n,2nd)



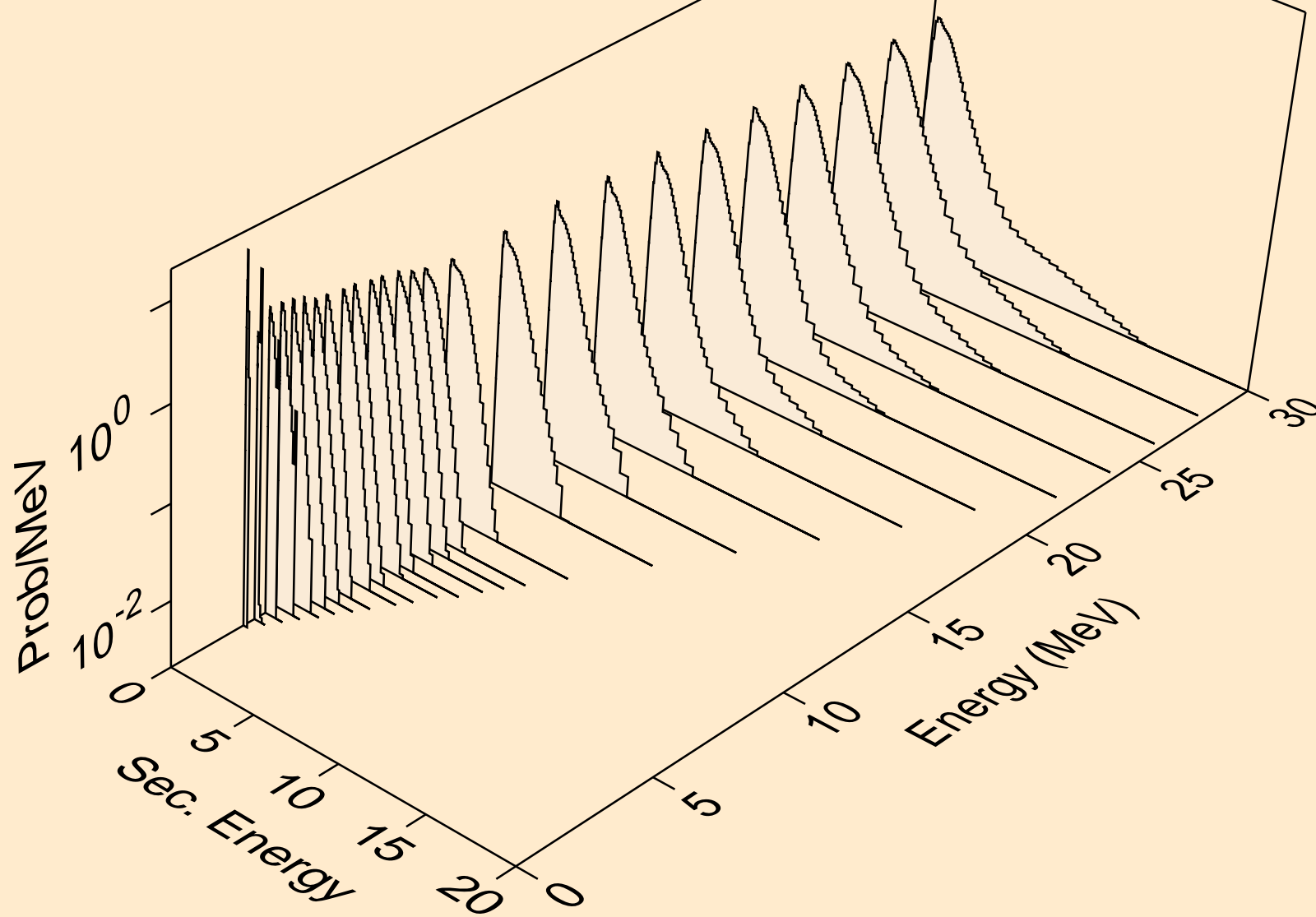
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Neutron emission for (n,2n)



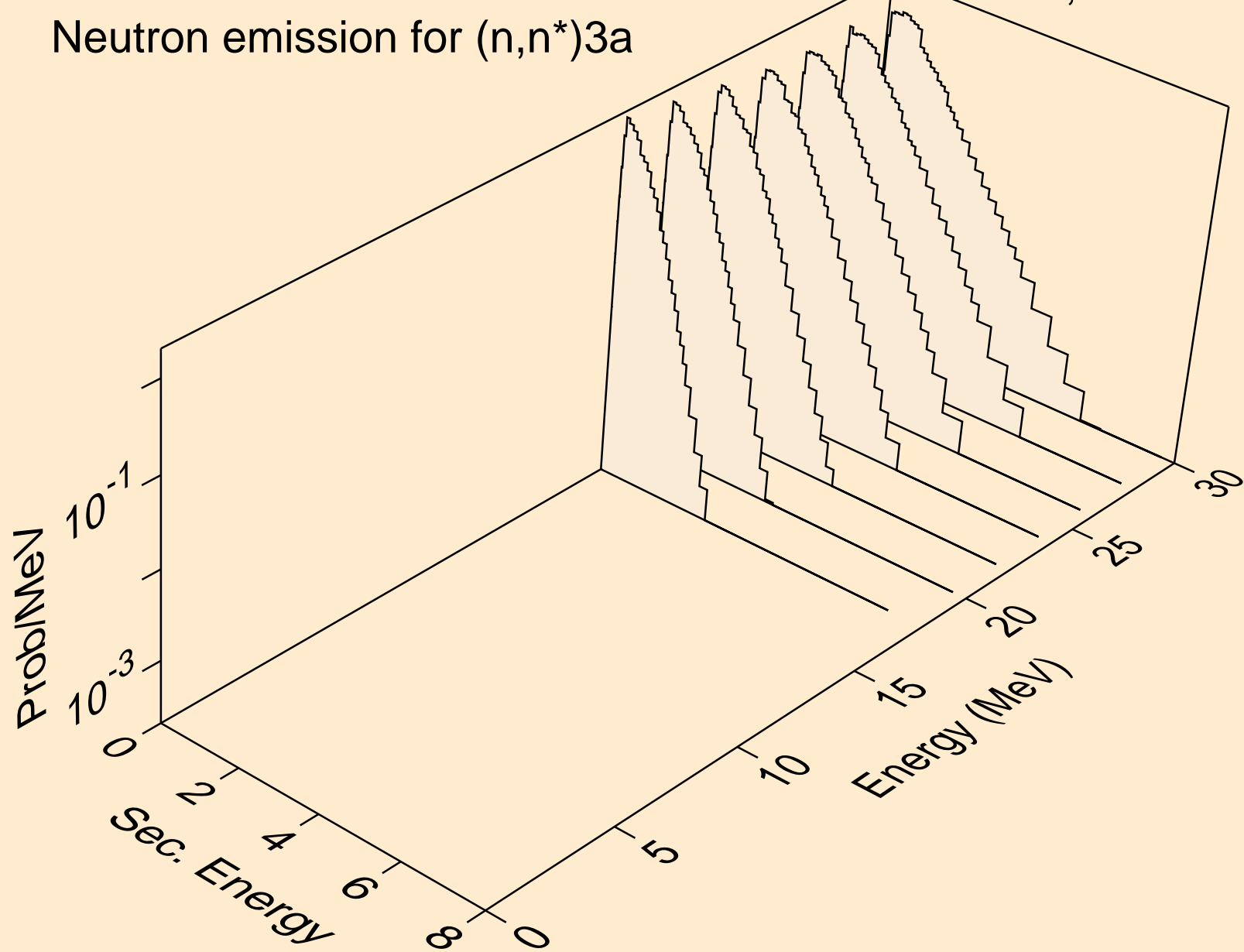
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Neutron emission for (n,3n)



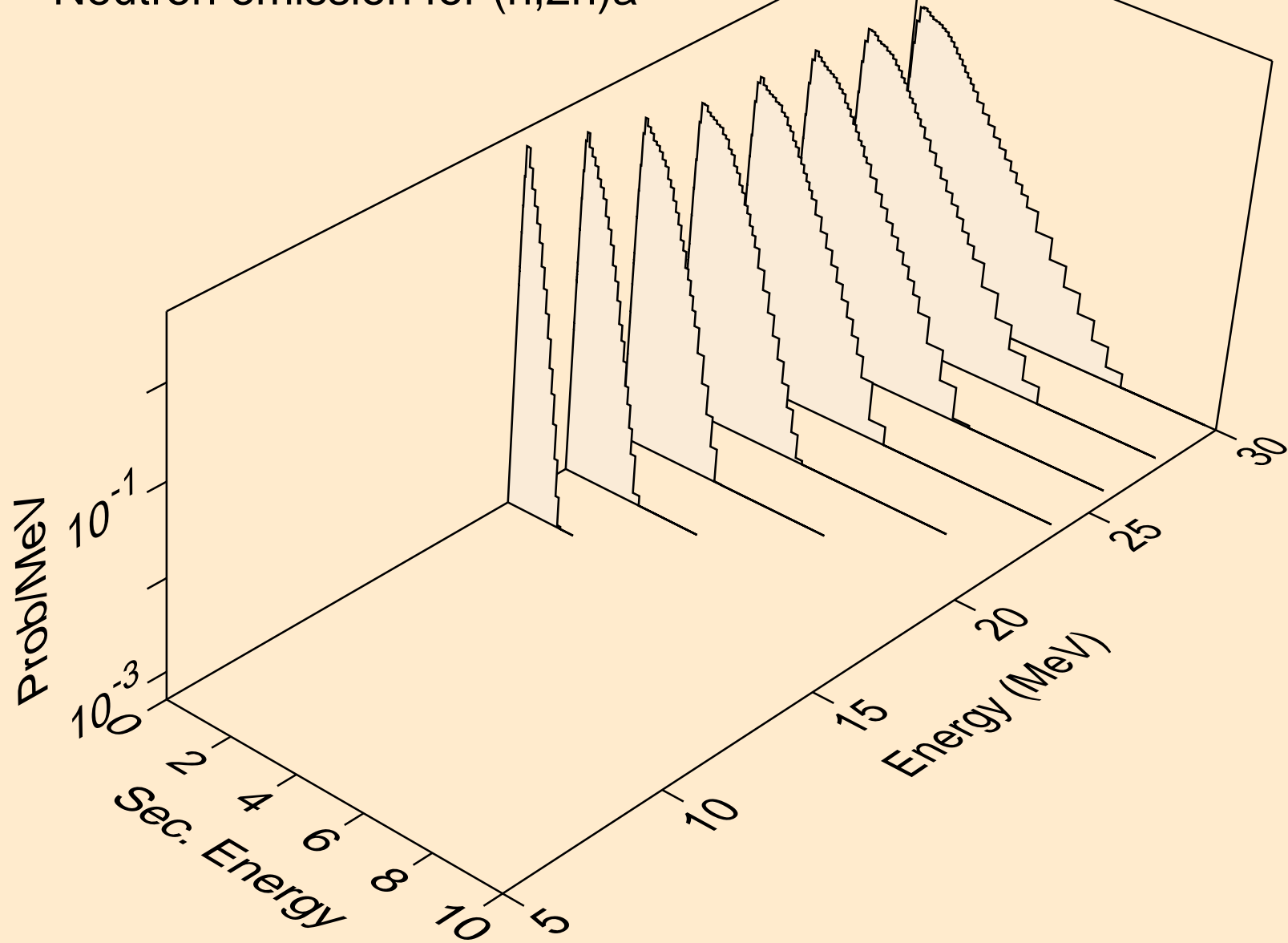
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Neutron emission for (n,n\*)a



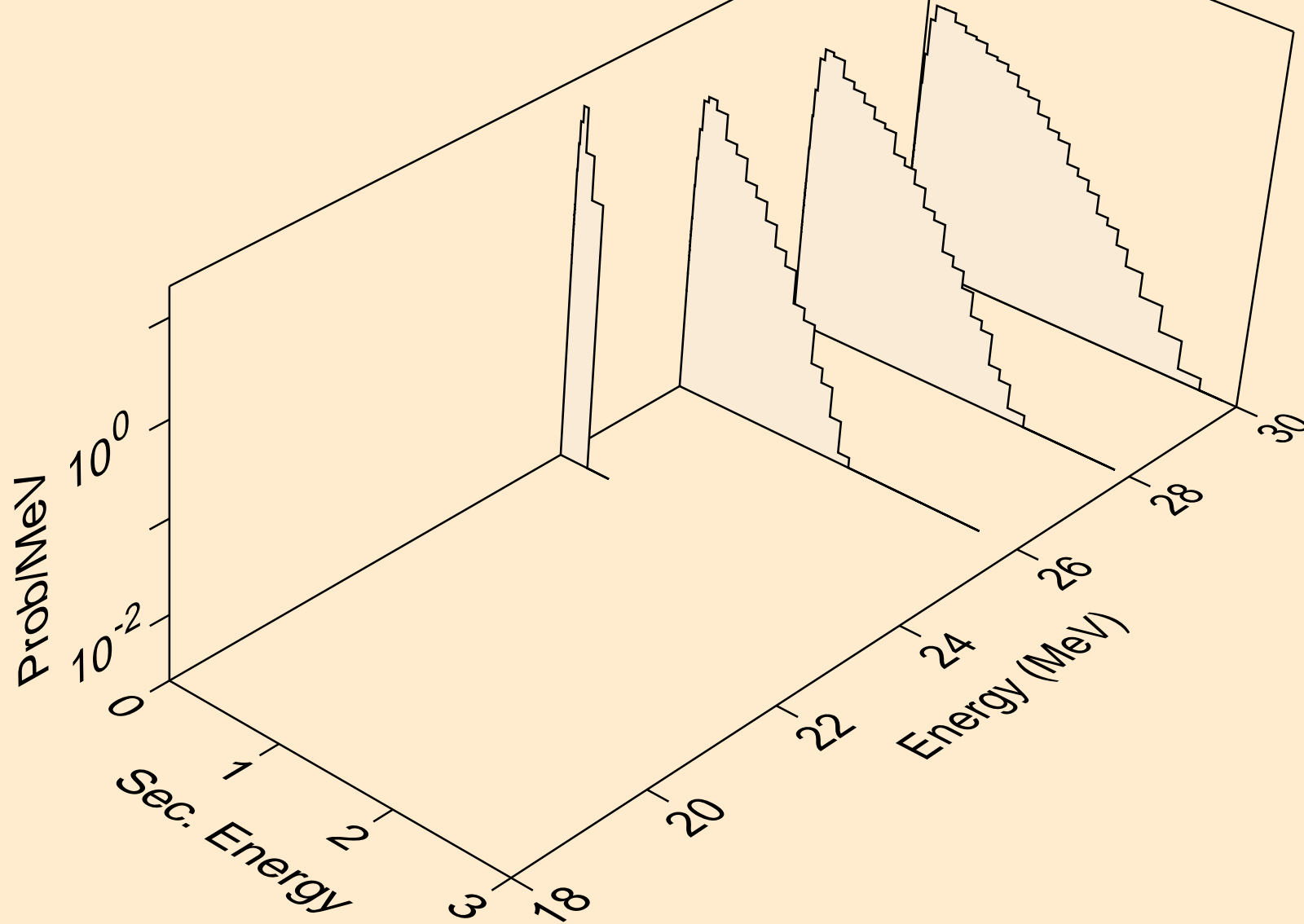
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Neutron emission for (n,n\*)3a



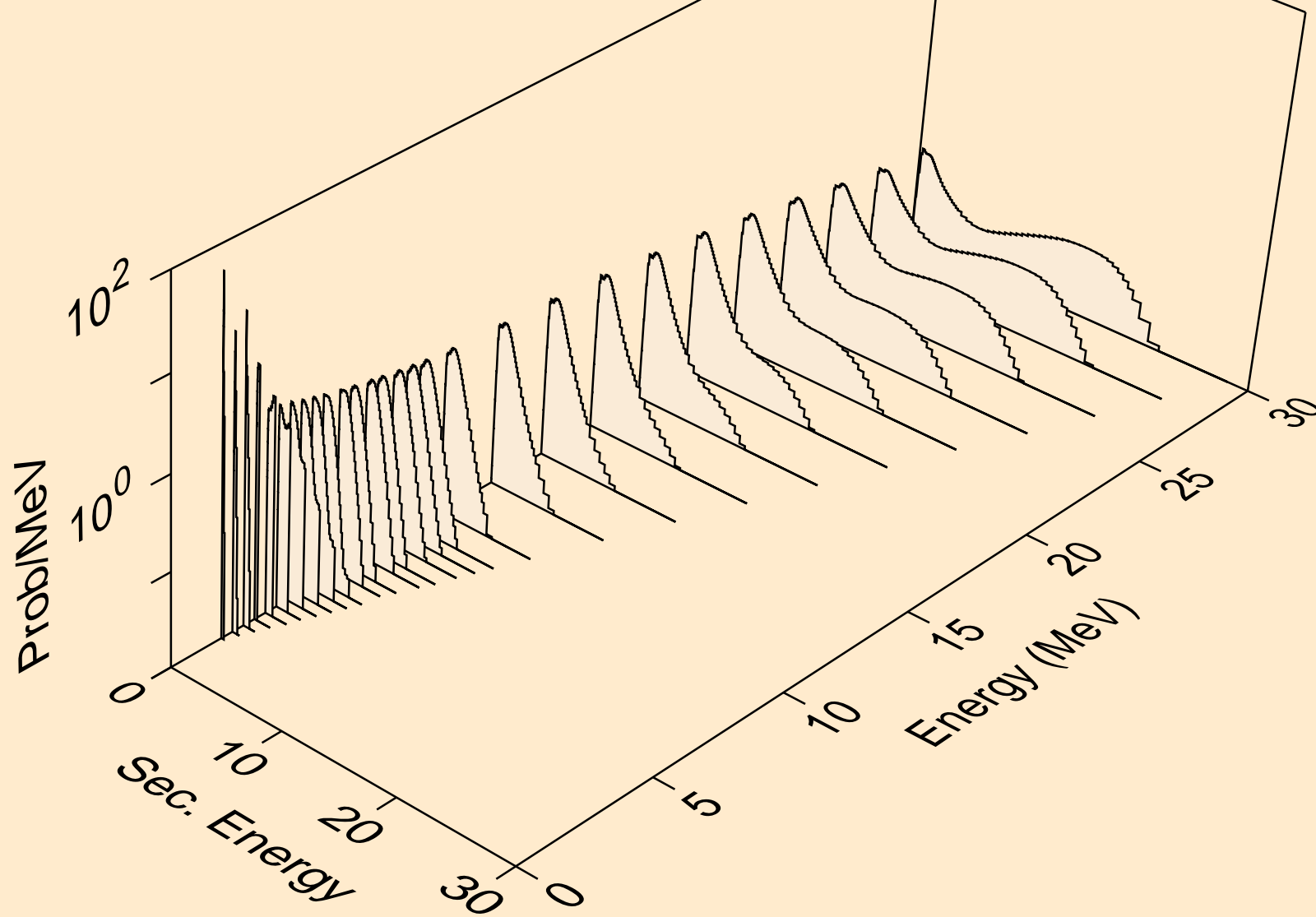
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Neutron emission for (n,2n)a



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

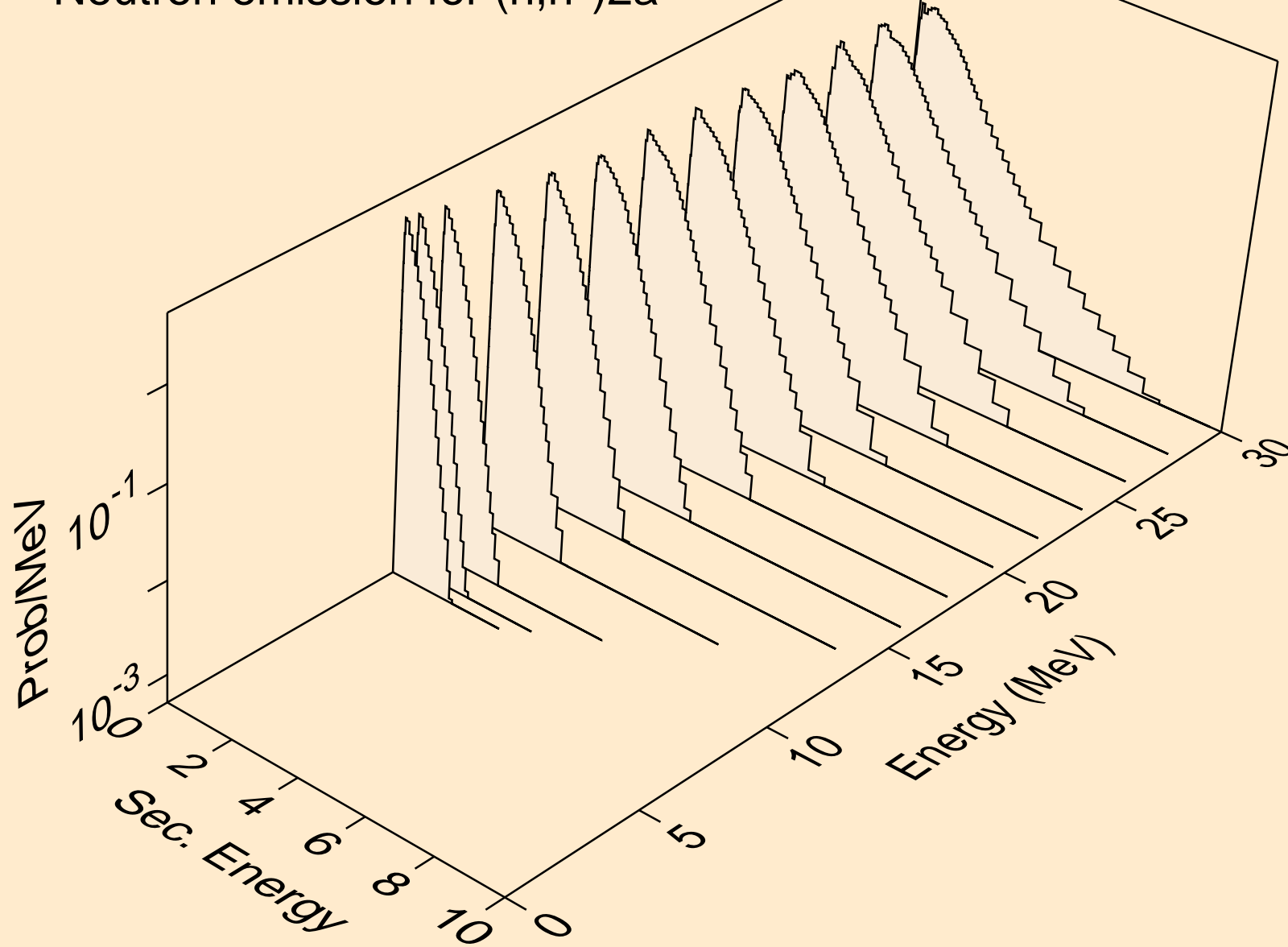


TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

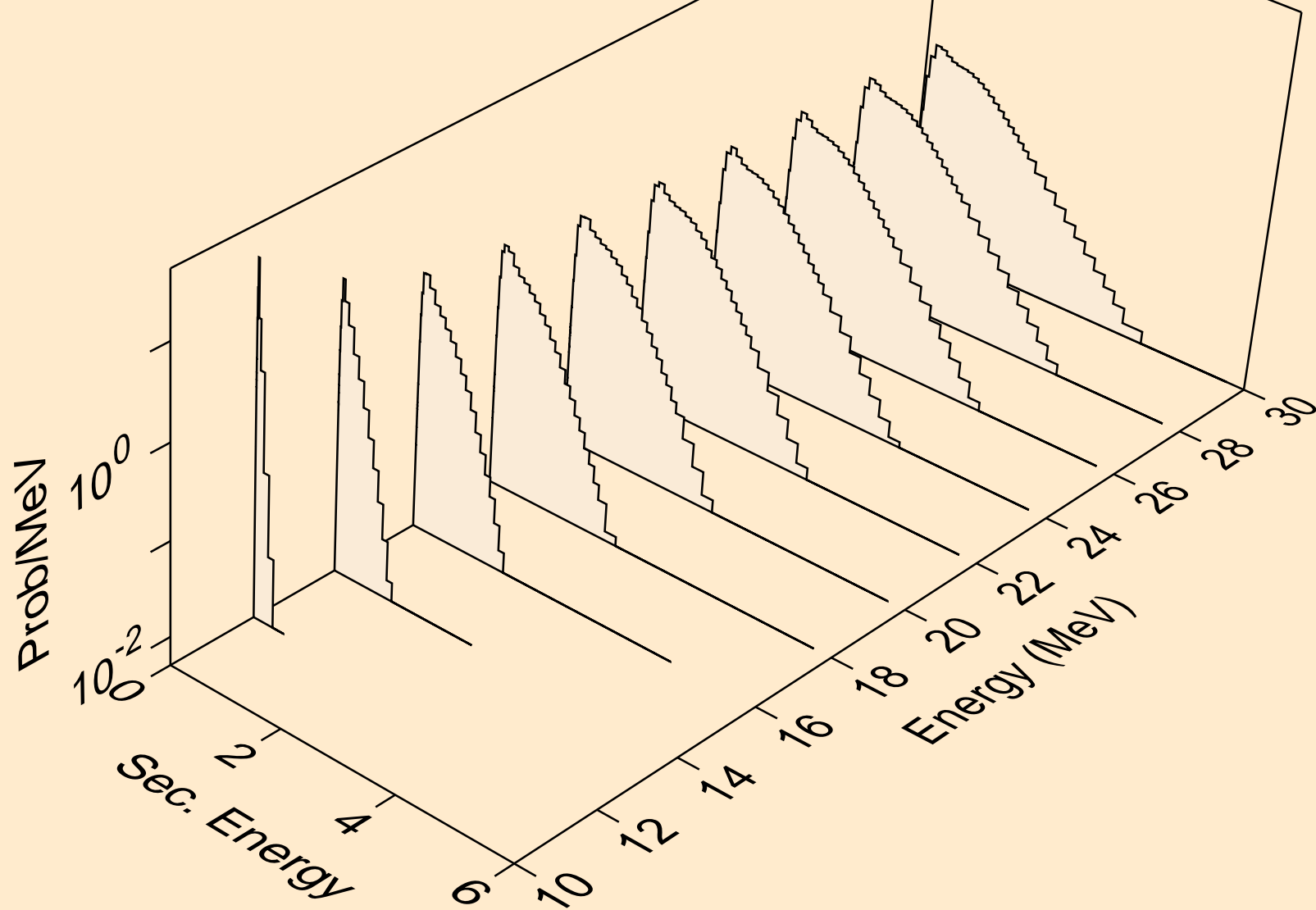




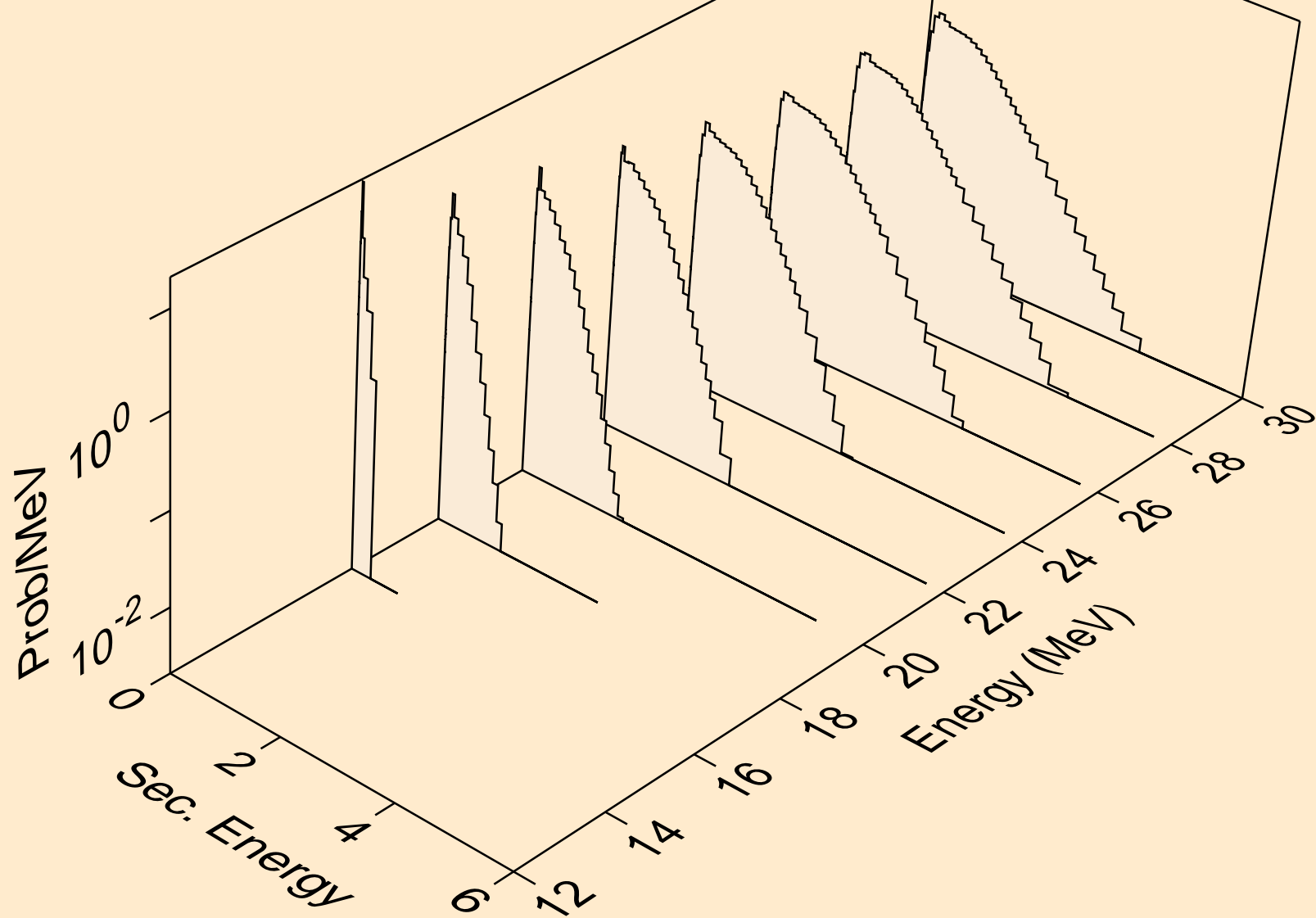
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Neutron emission for (n,n\*)2a



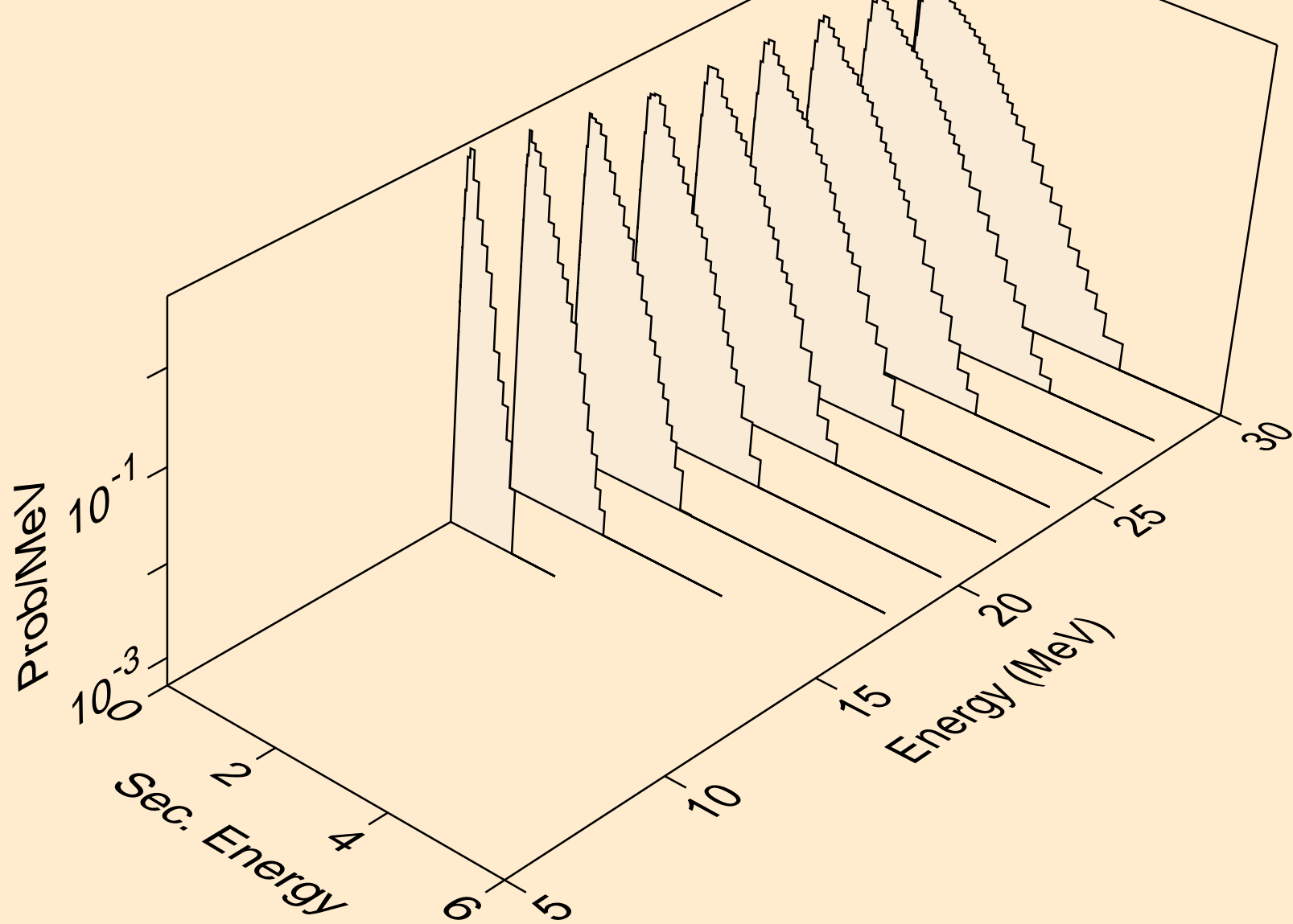
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Neutron emission for (n,n\*)d



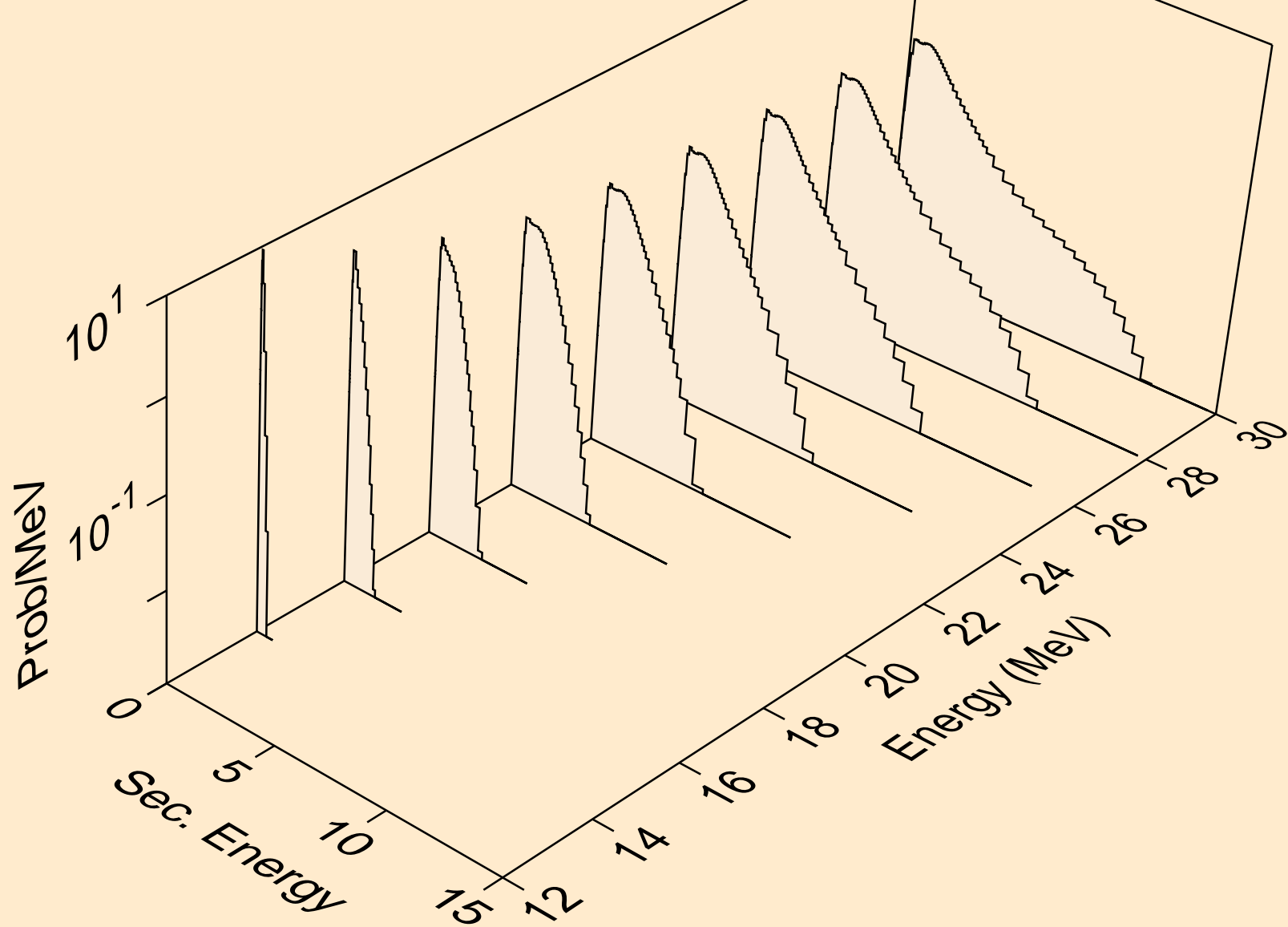
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



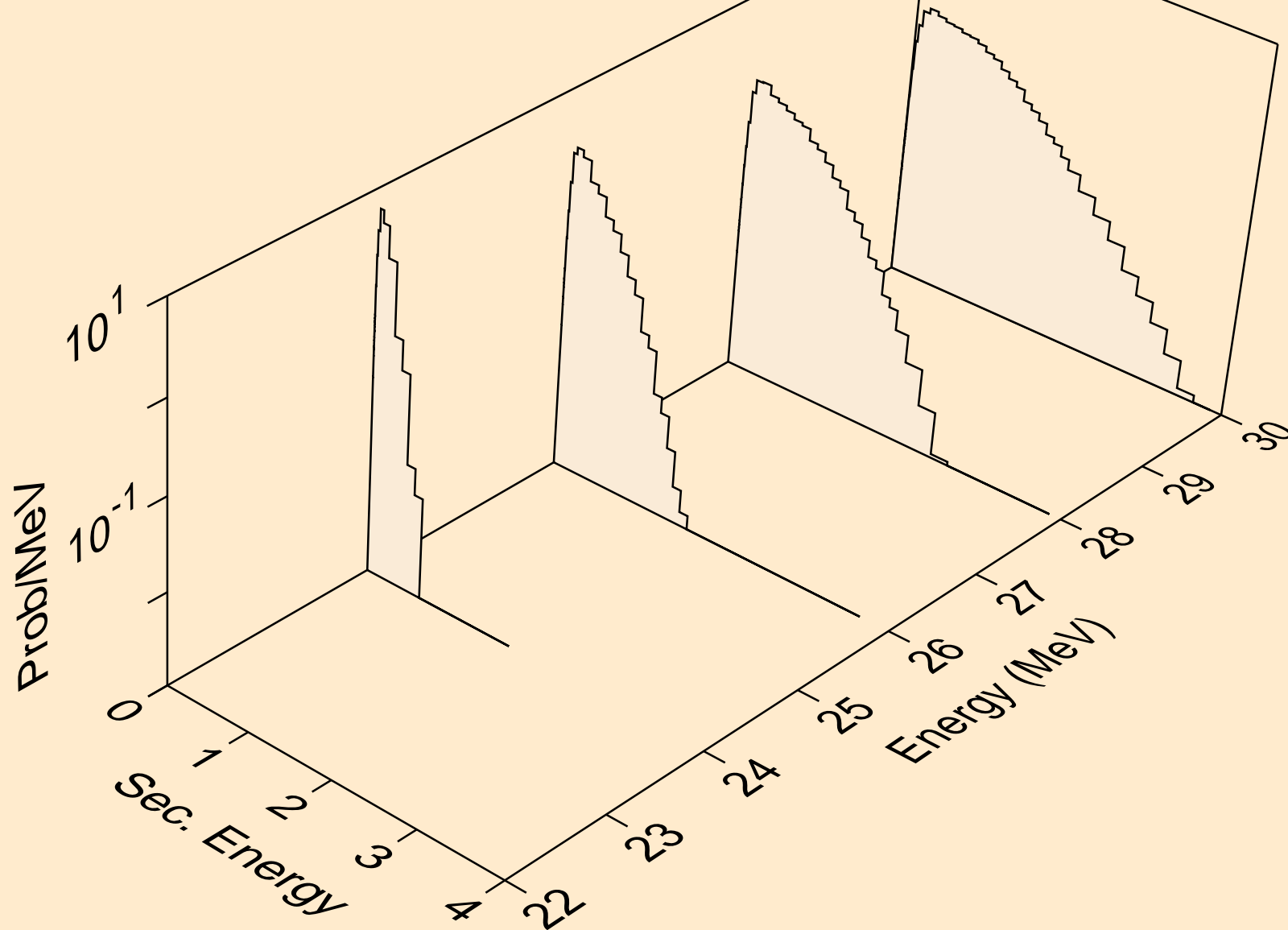
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



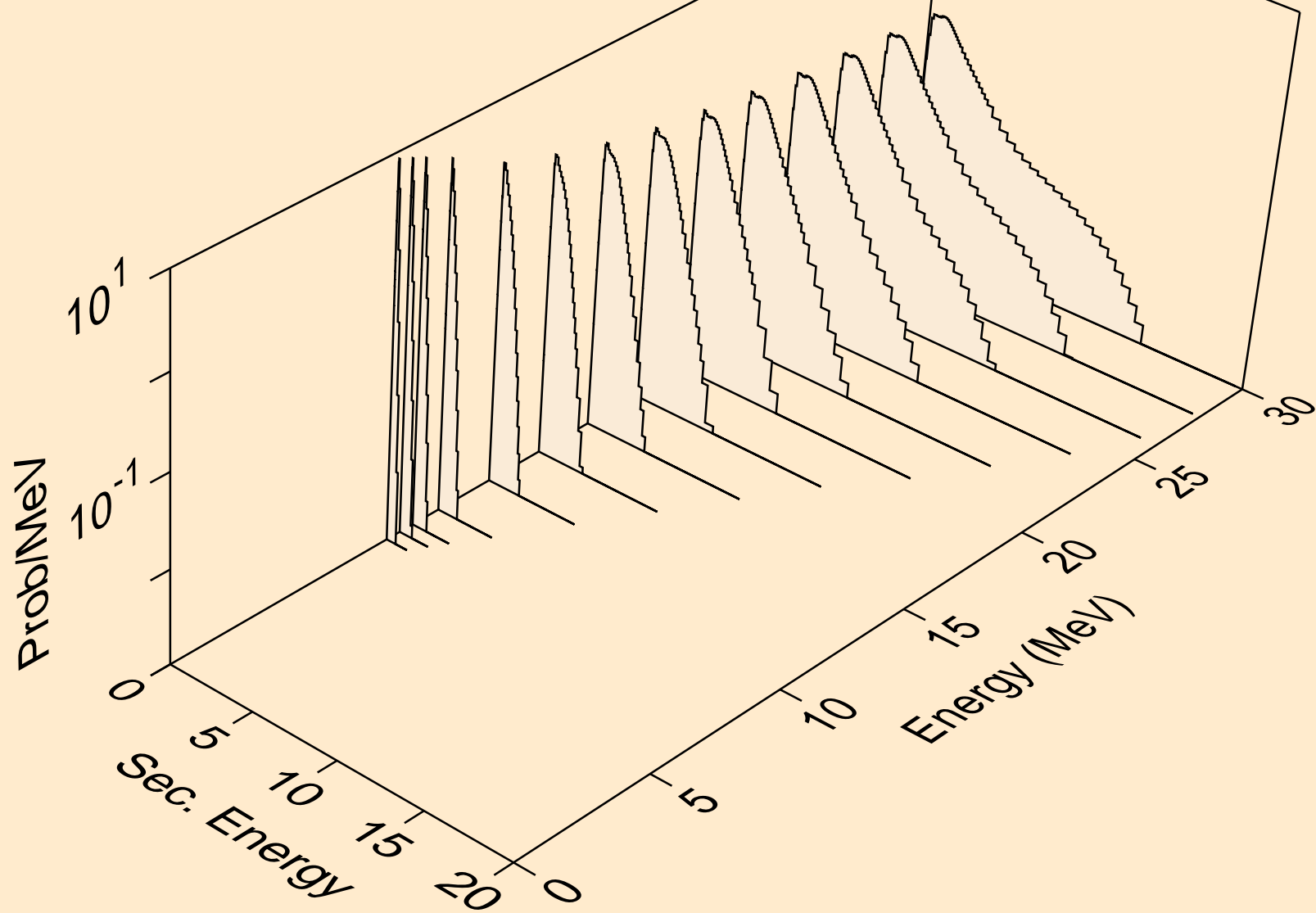
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Neutron emission for (n,2np)



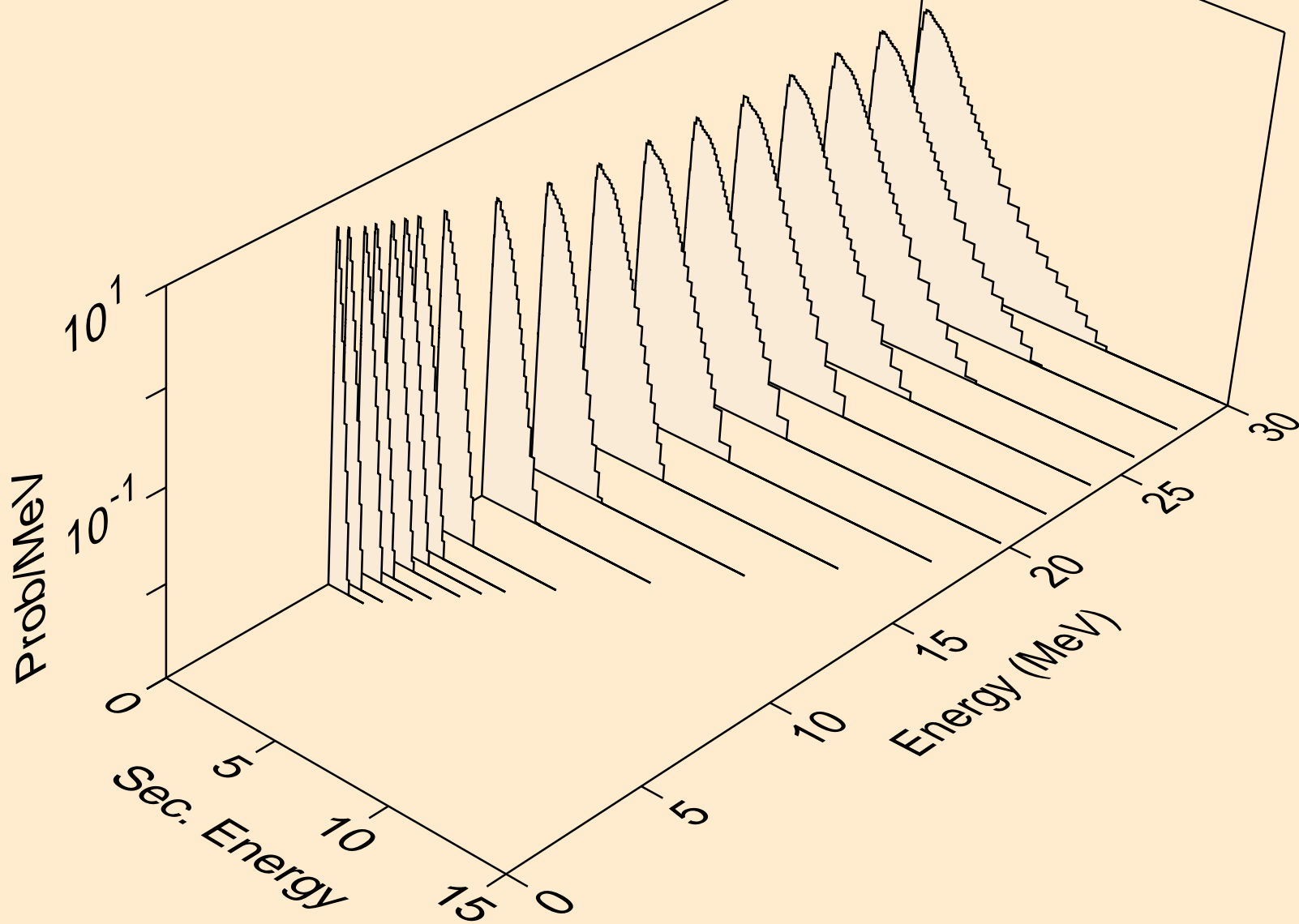
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

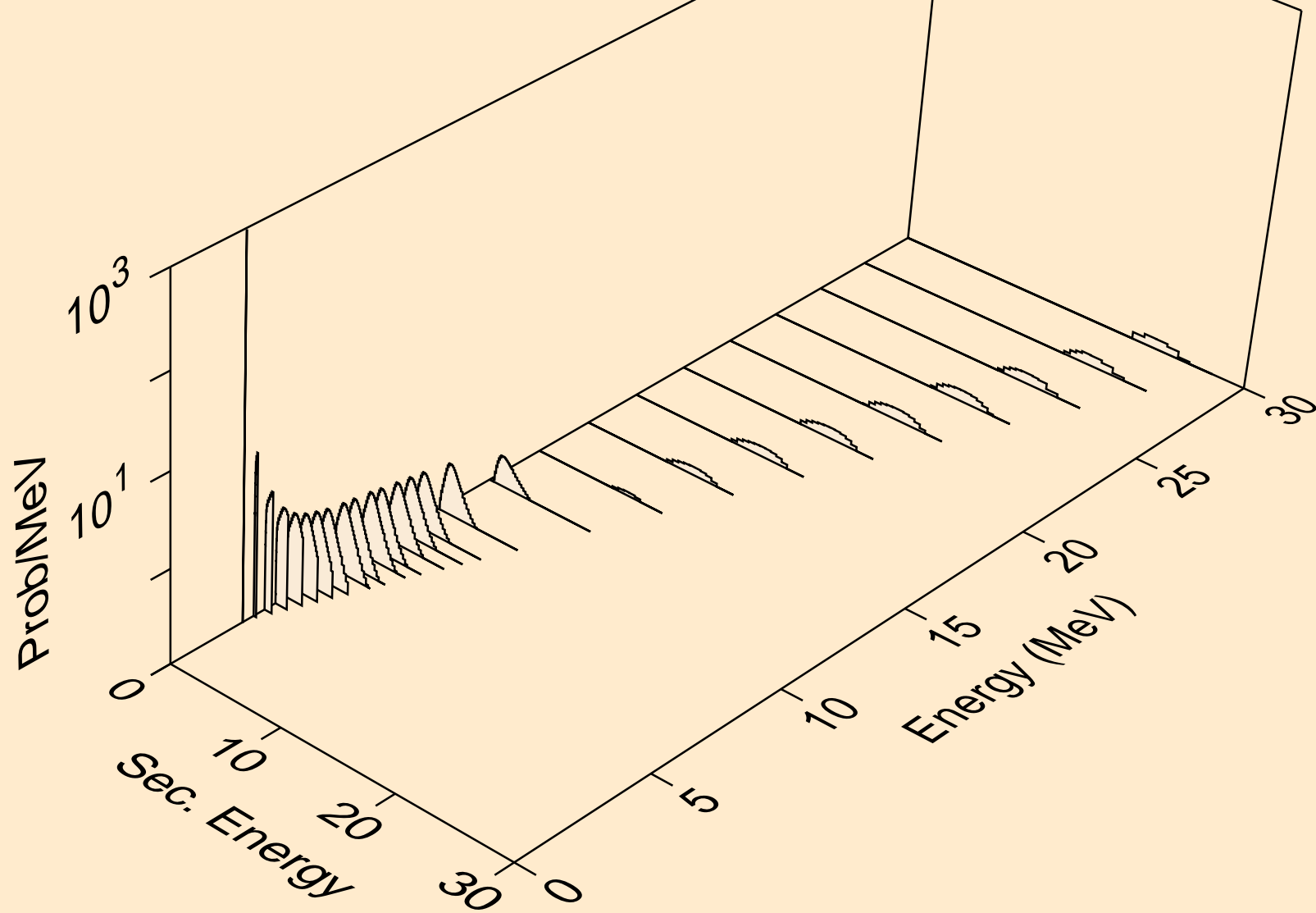


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Neutron emission for (n,npa)

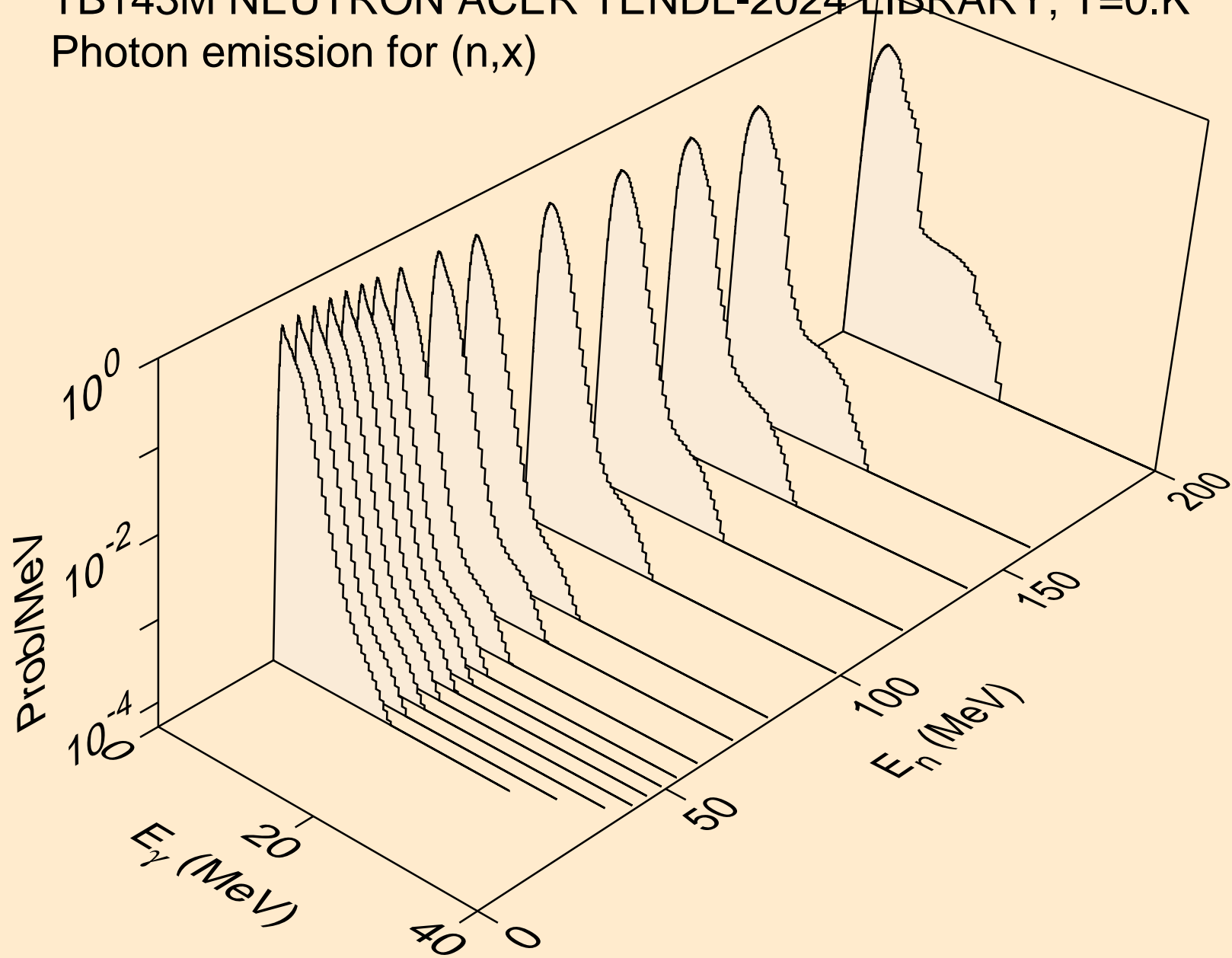




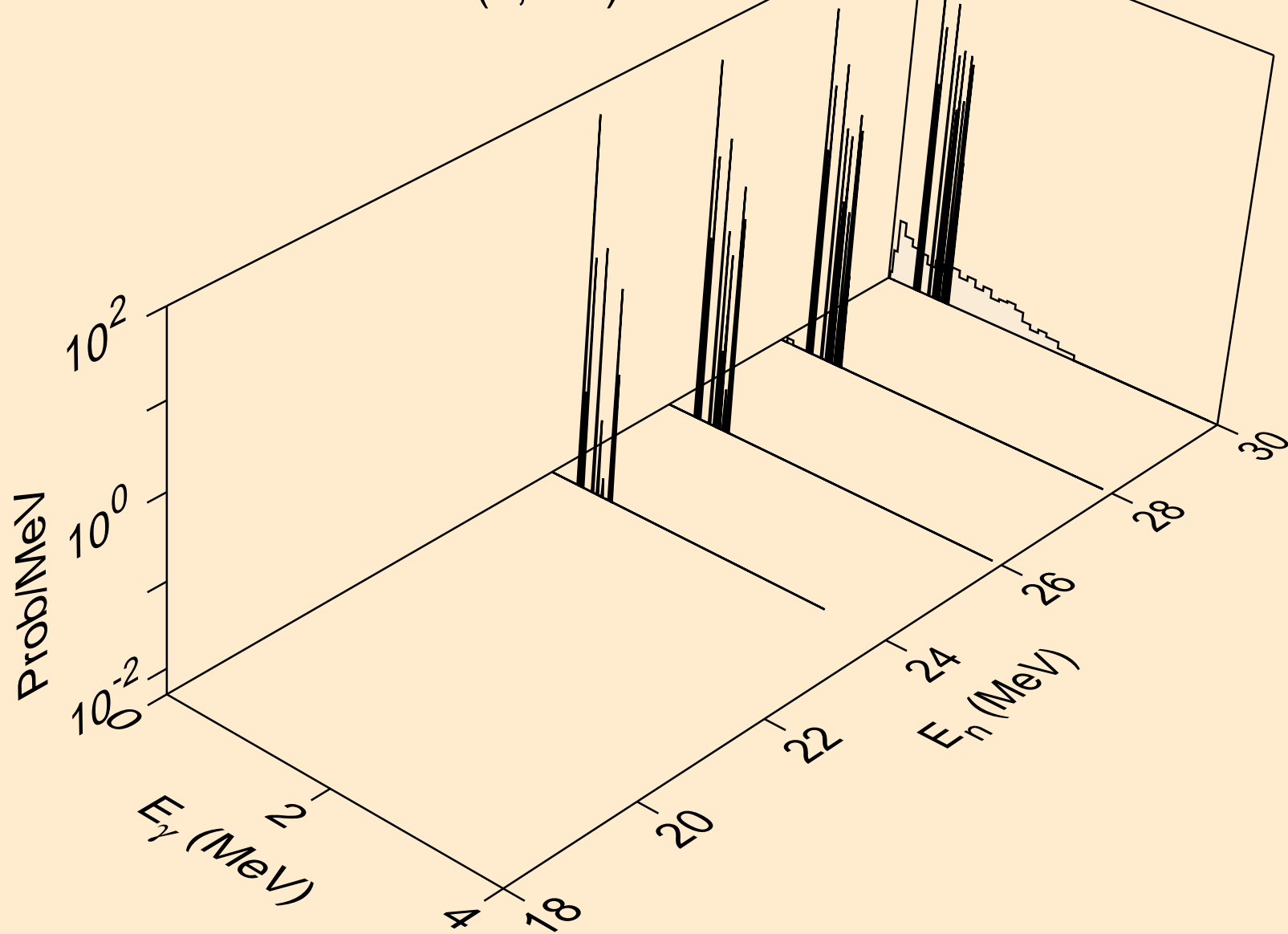
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Neutron emission for (n,n\*c)



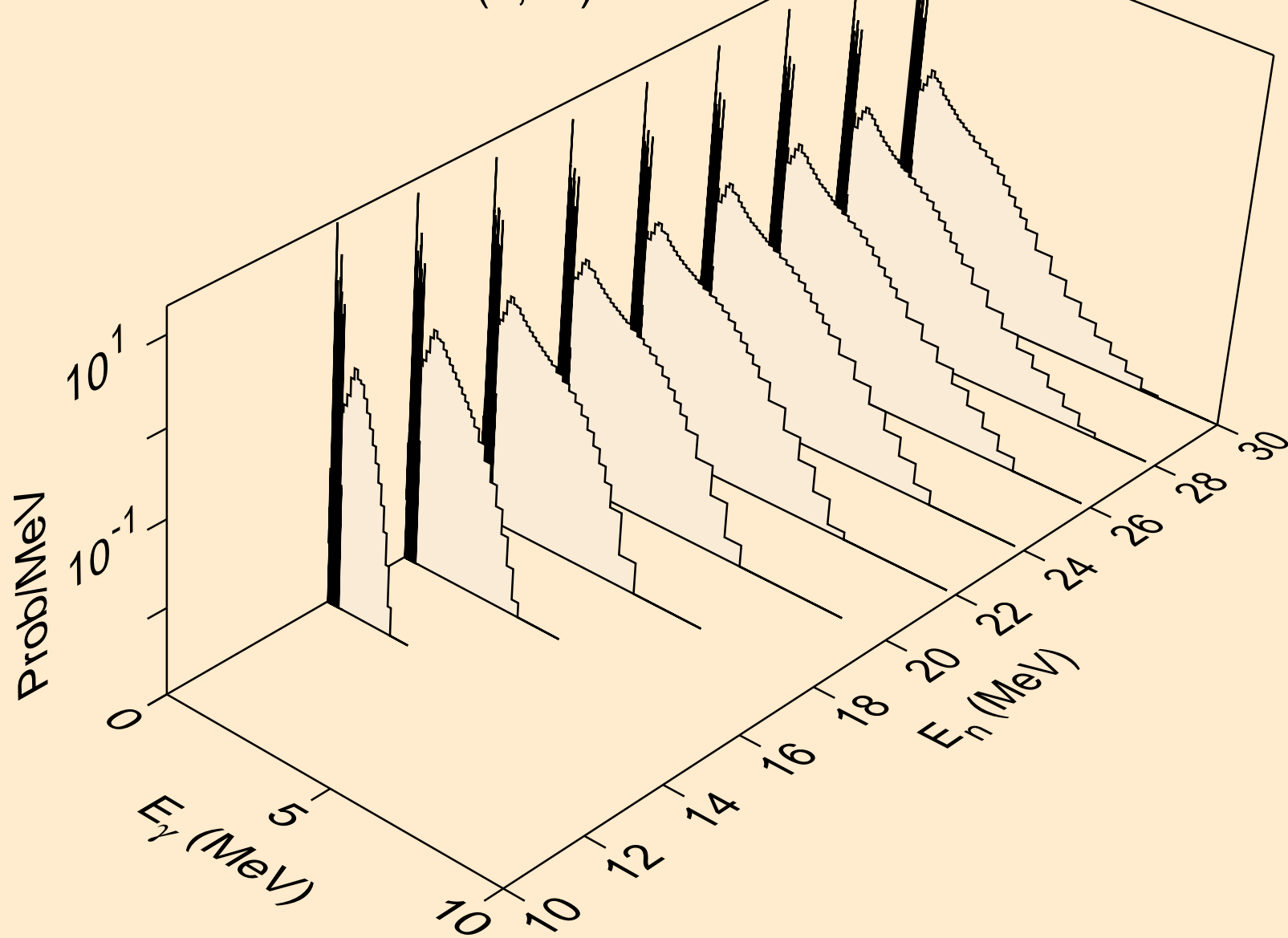
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Photon emission for (n,x)



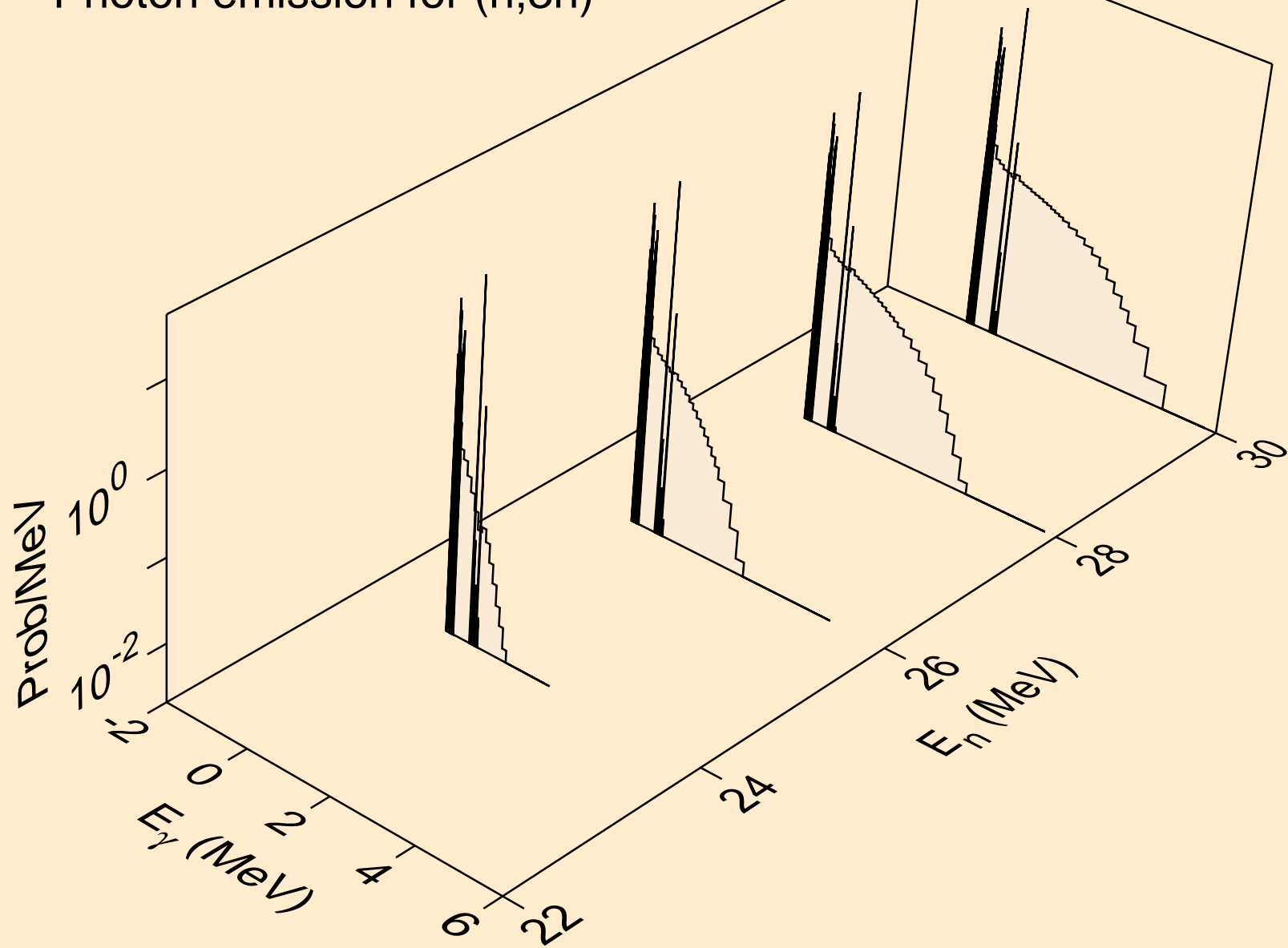
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Photon emission for (n,2nd)



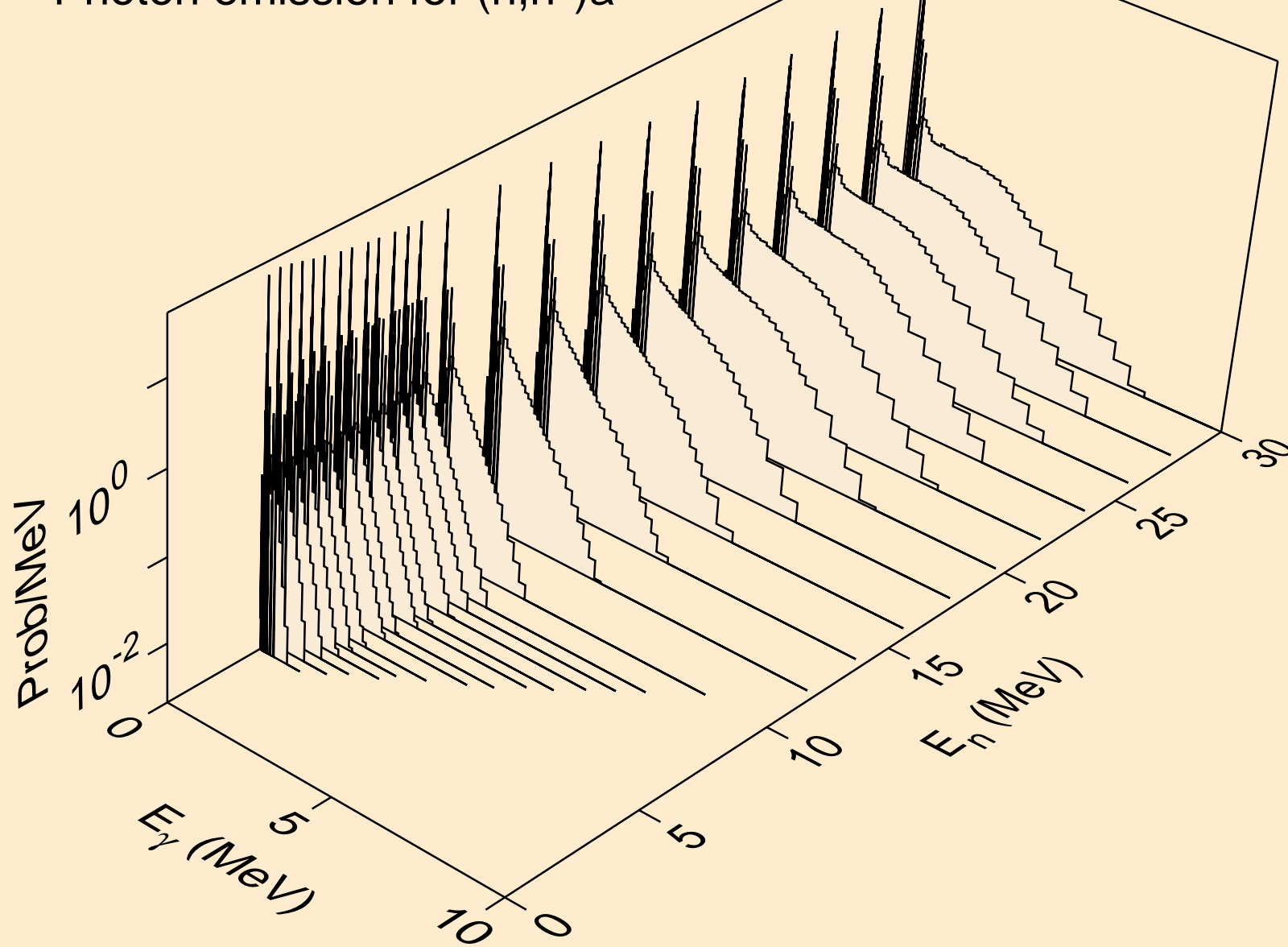
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Photon emission for (n,2n)



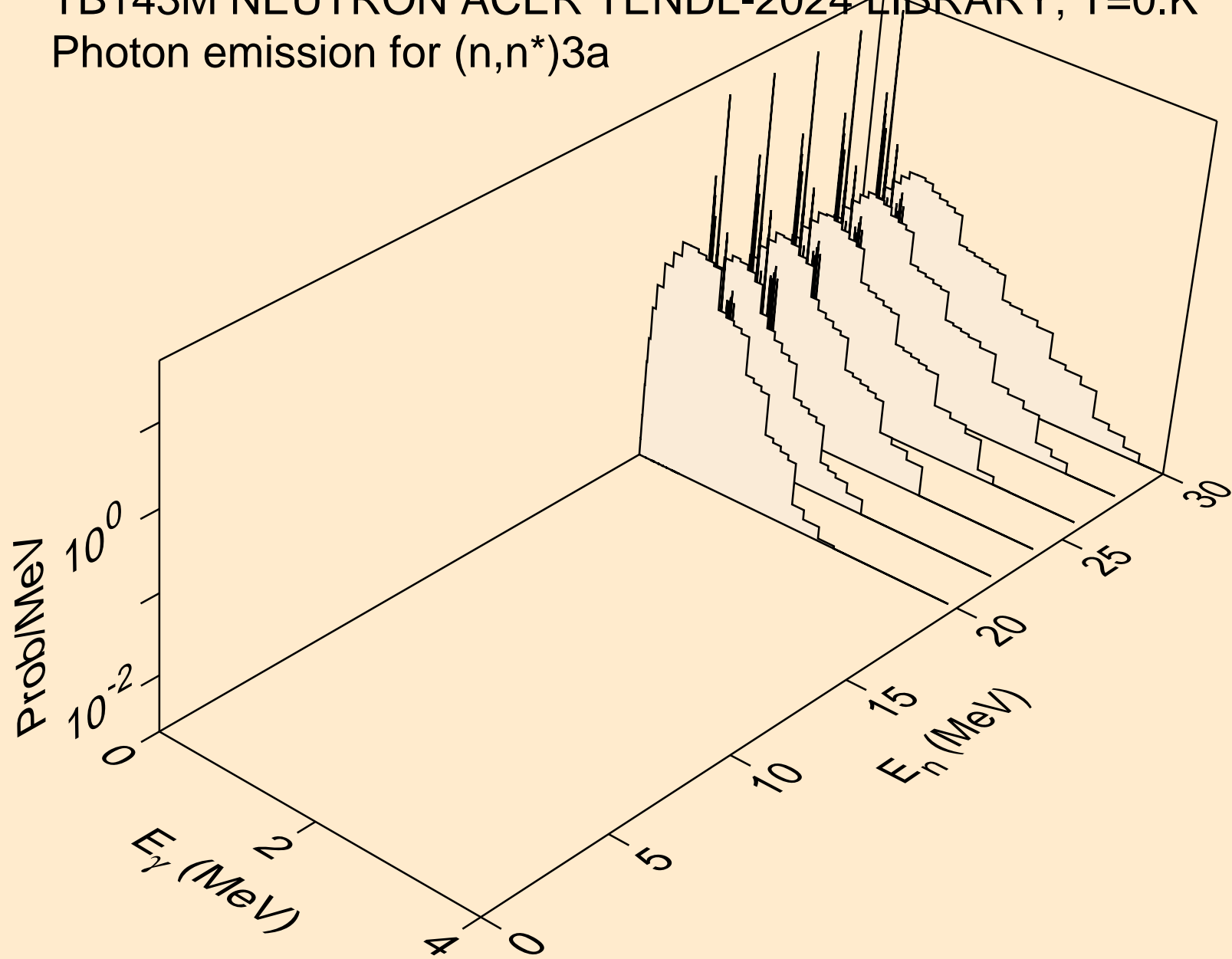
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Photon emission for (n,3n)



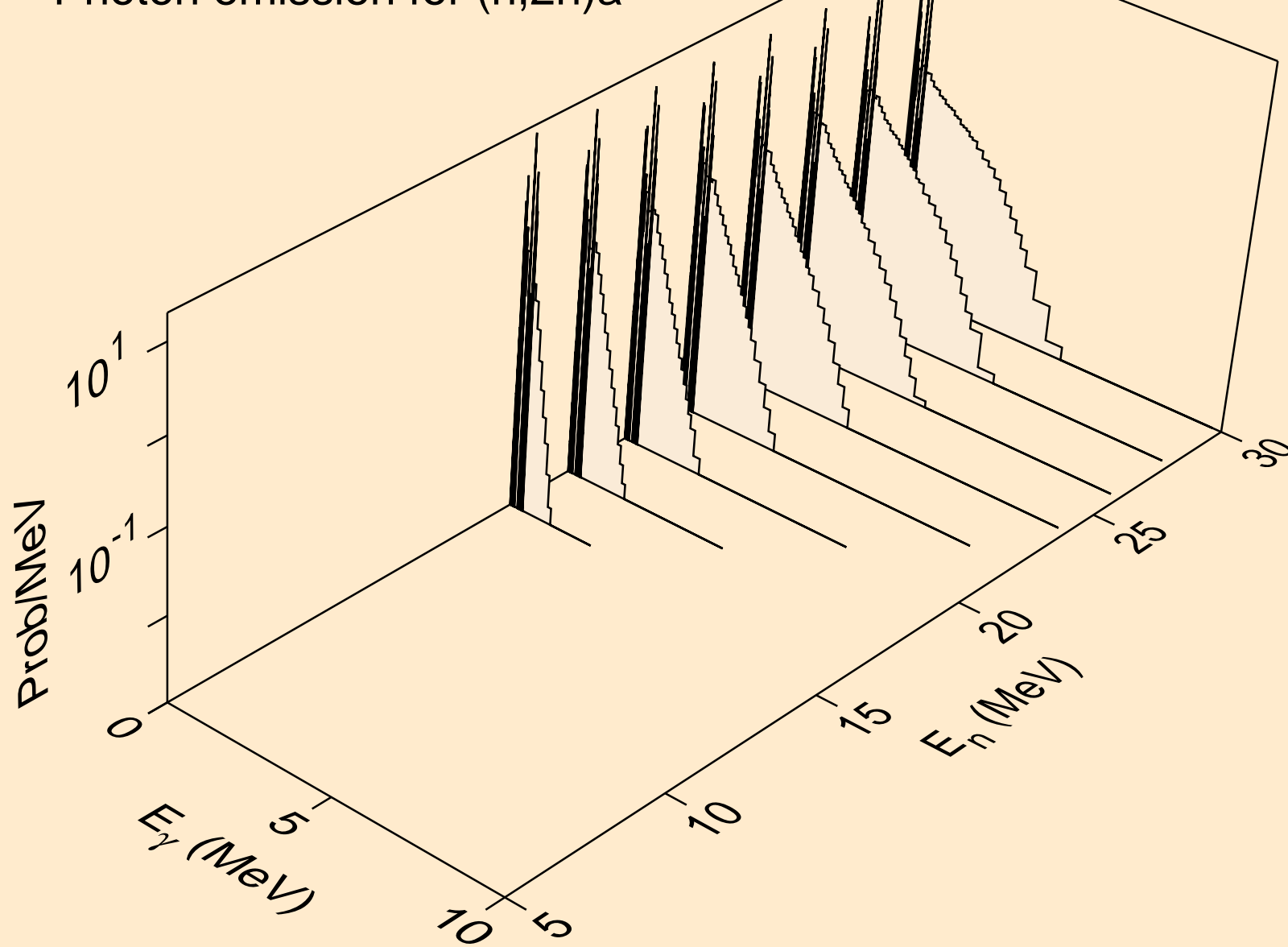
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a

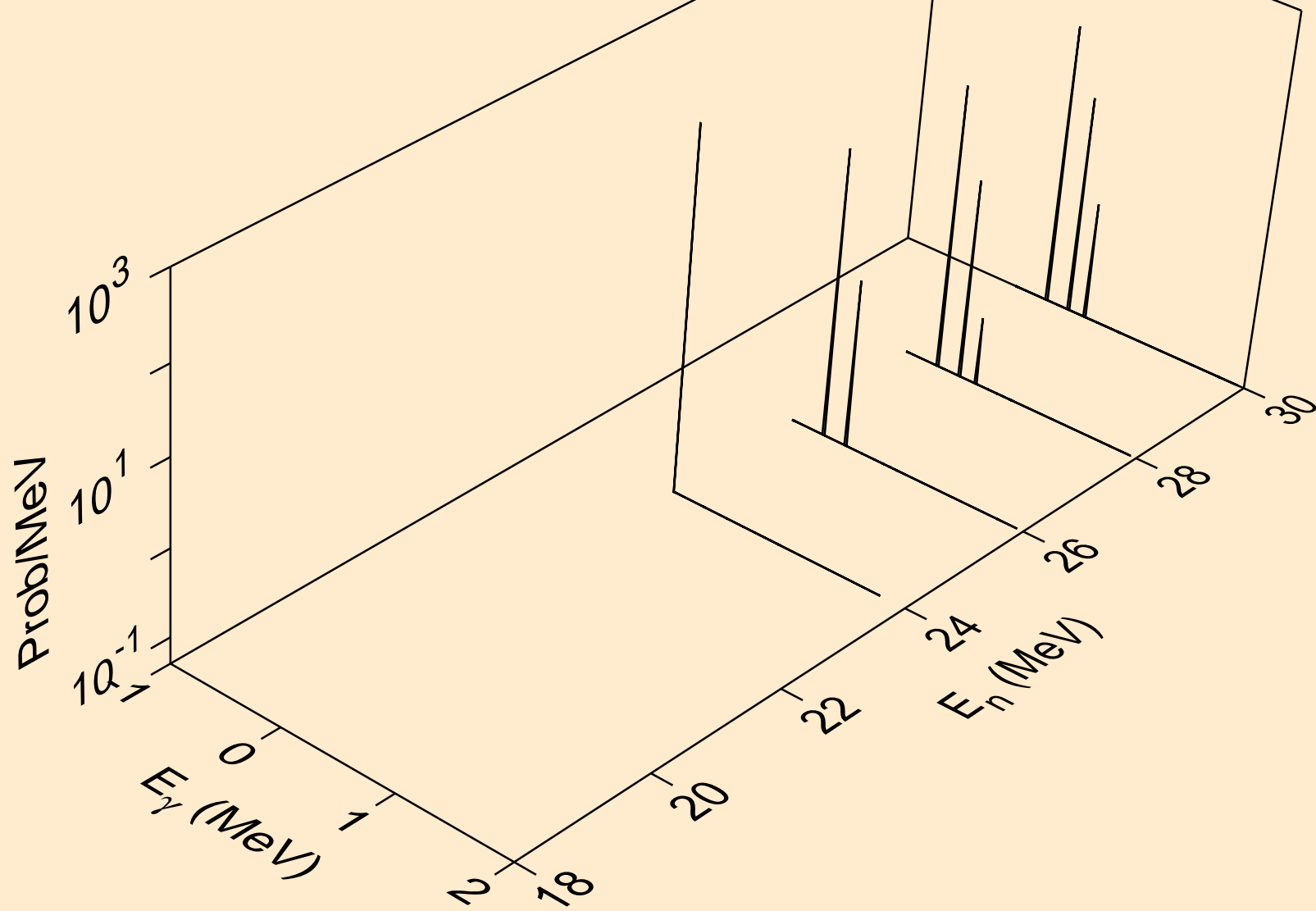


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Photon emission for (n,2n)a

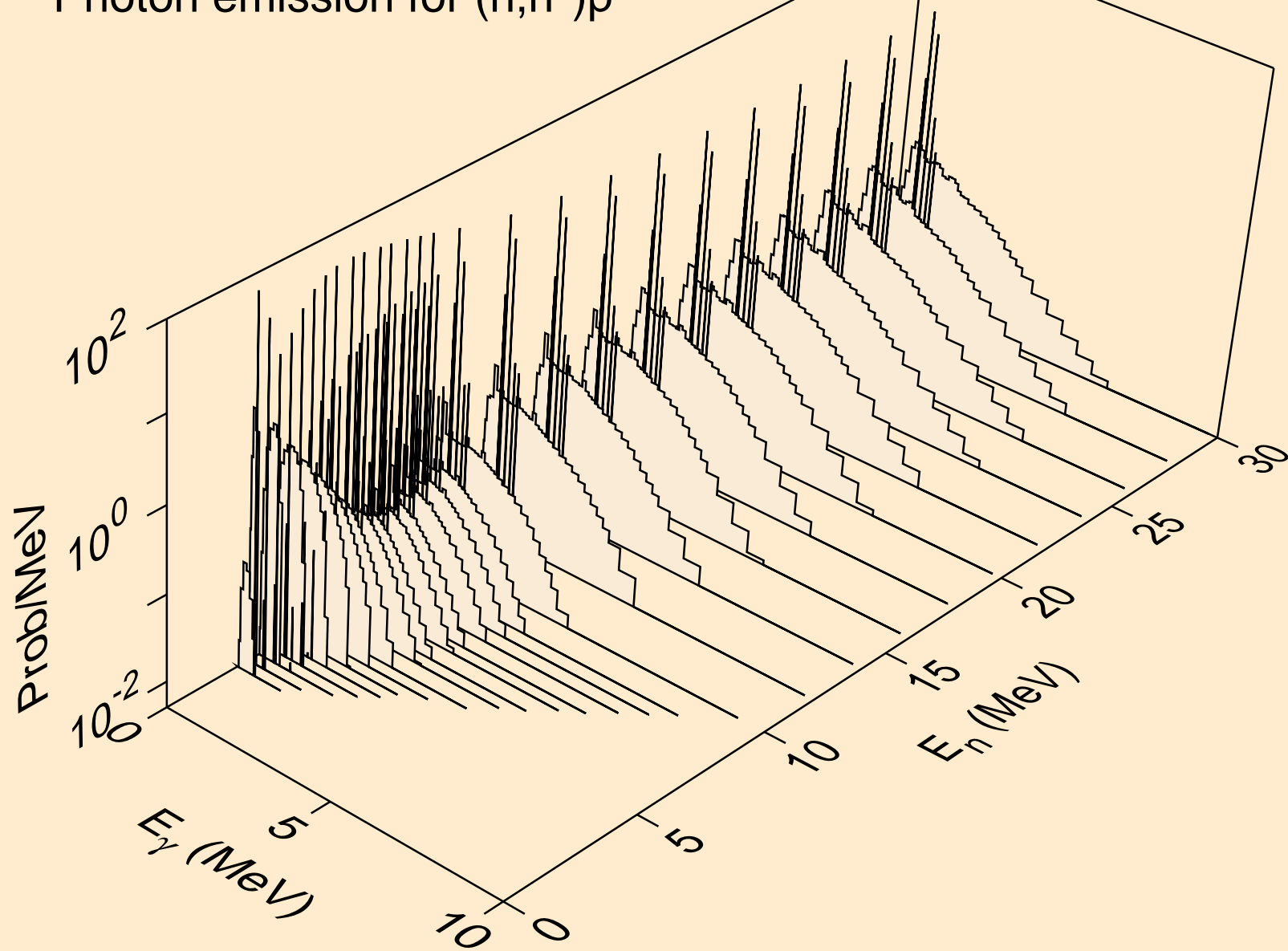




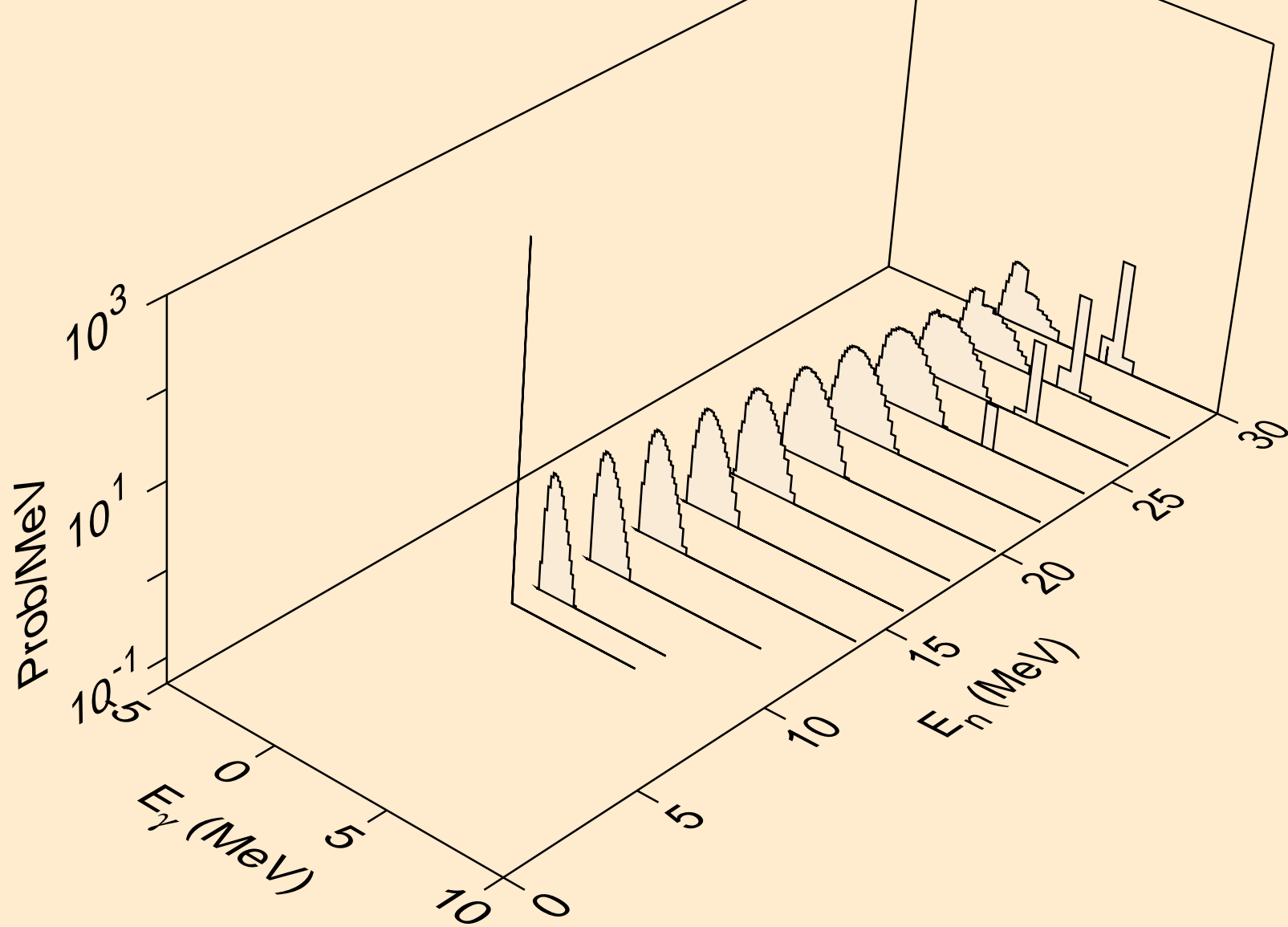
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Photon emission for (n,3n)a



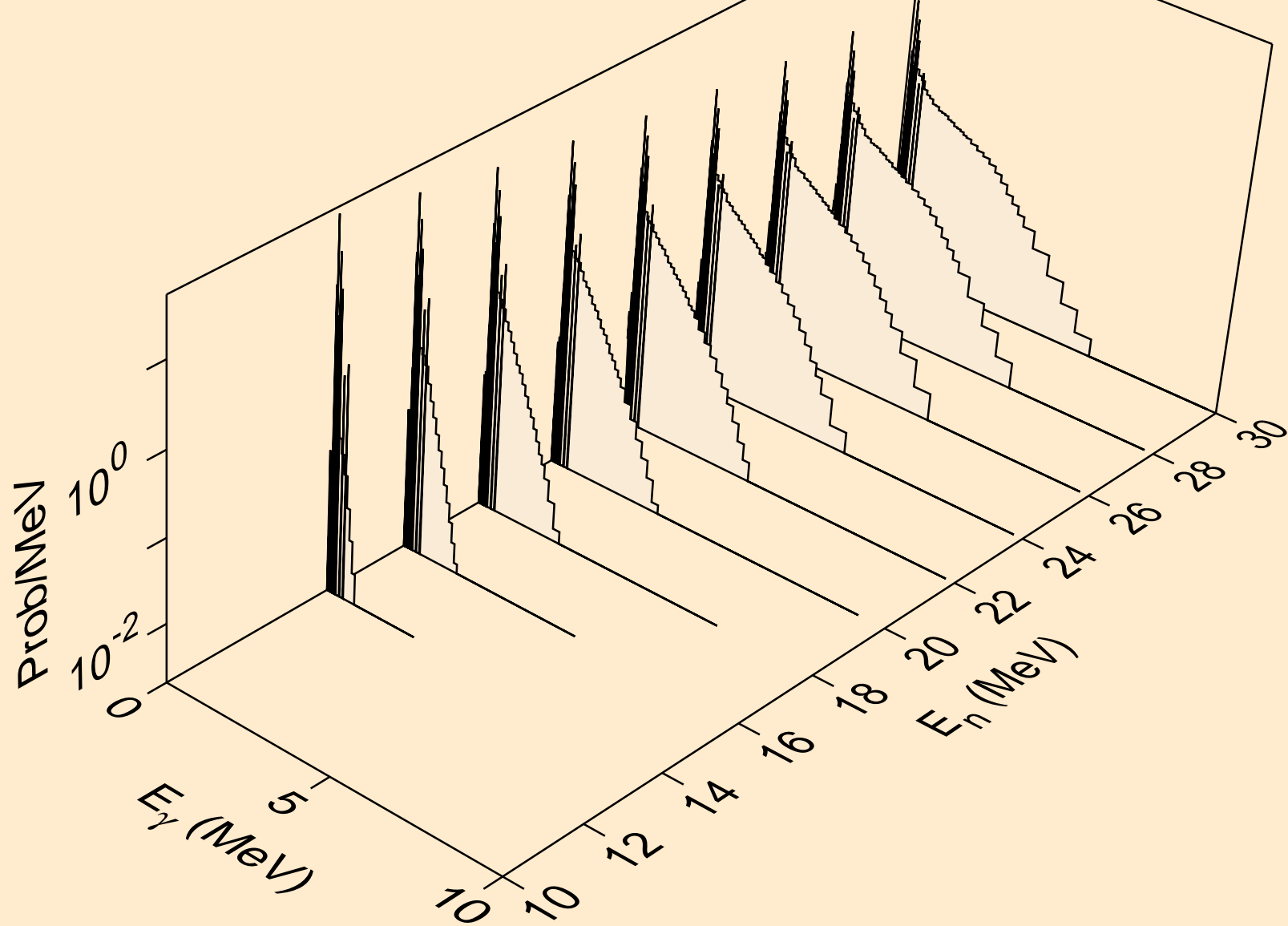
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Photon emission for (n,n\*)p



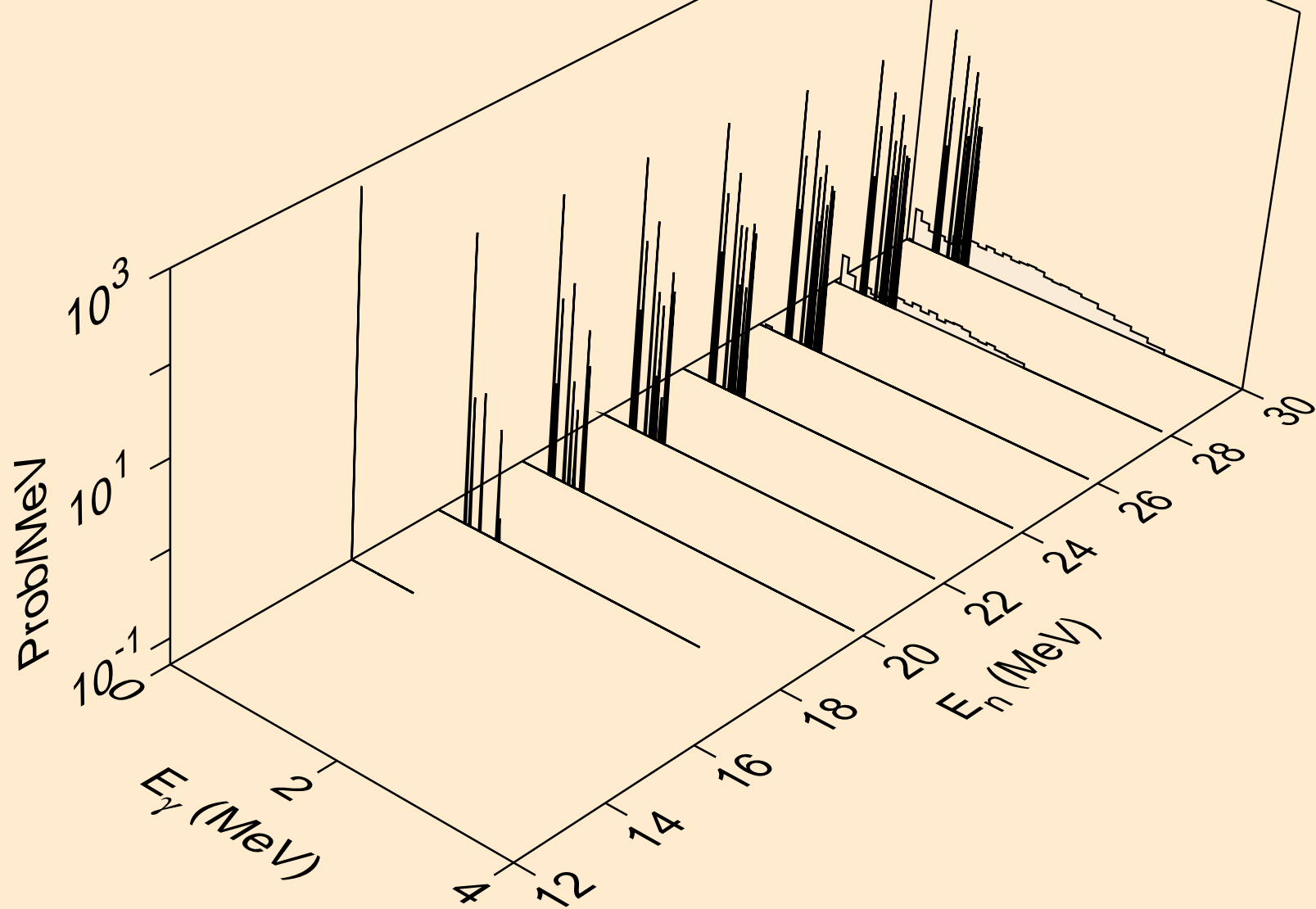
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Photon emission for (n,n\*)2a



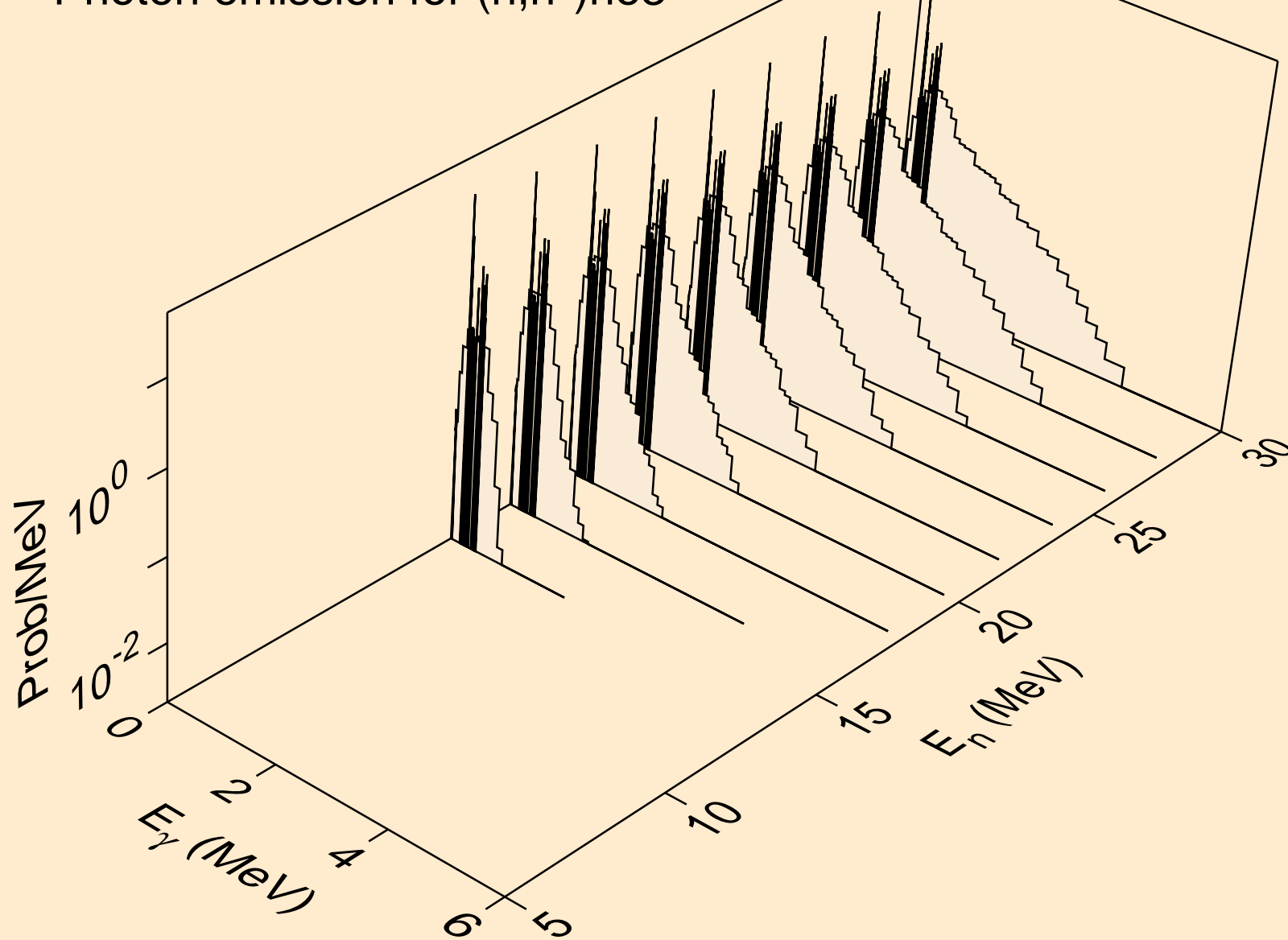
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Photon emission for (n,n\*)d



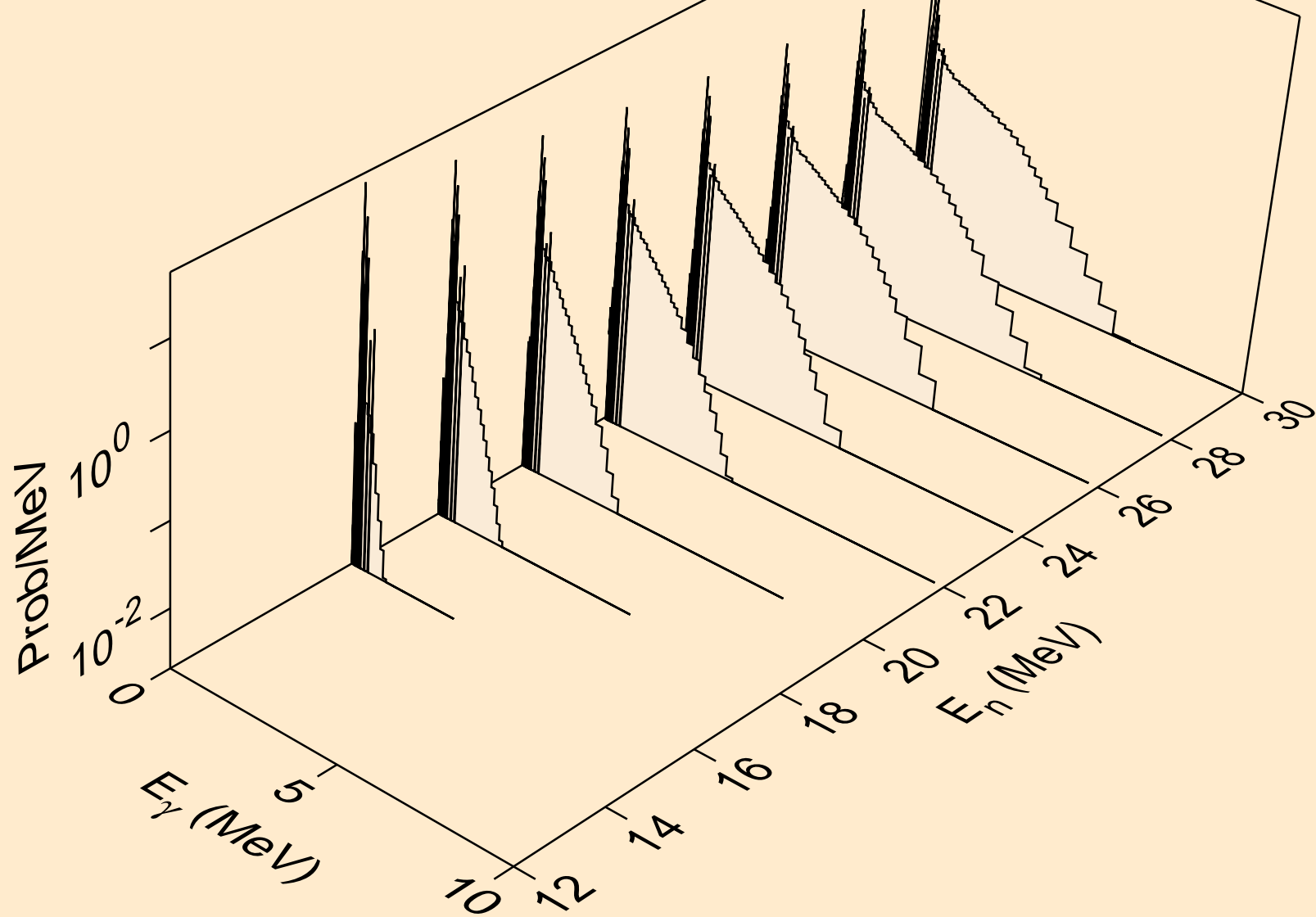
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Photon emission for (n,n\*)t



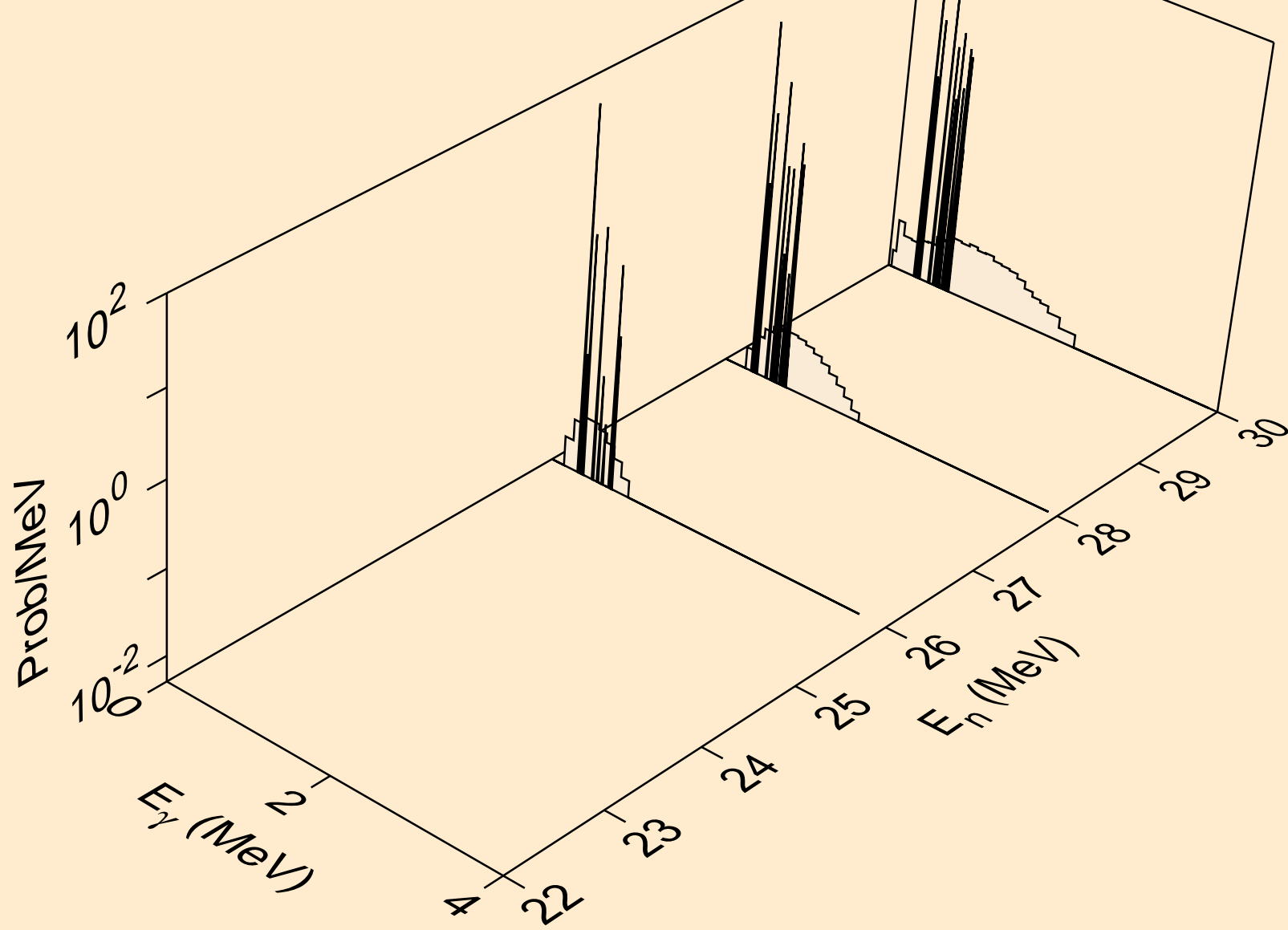
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

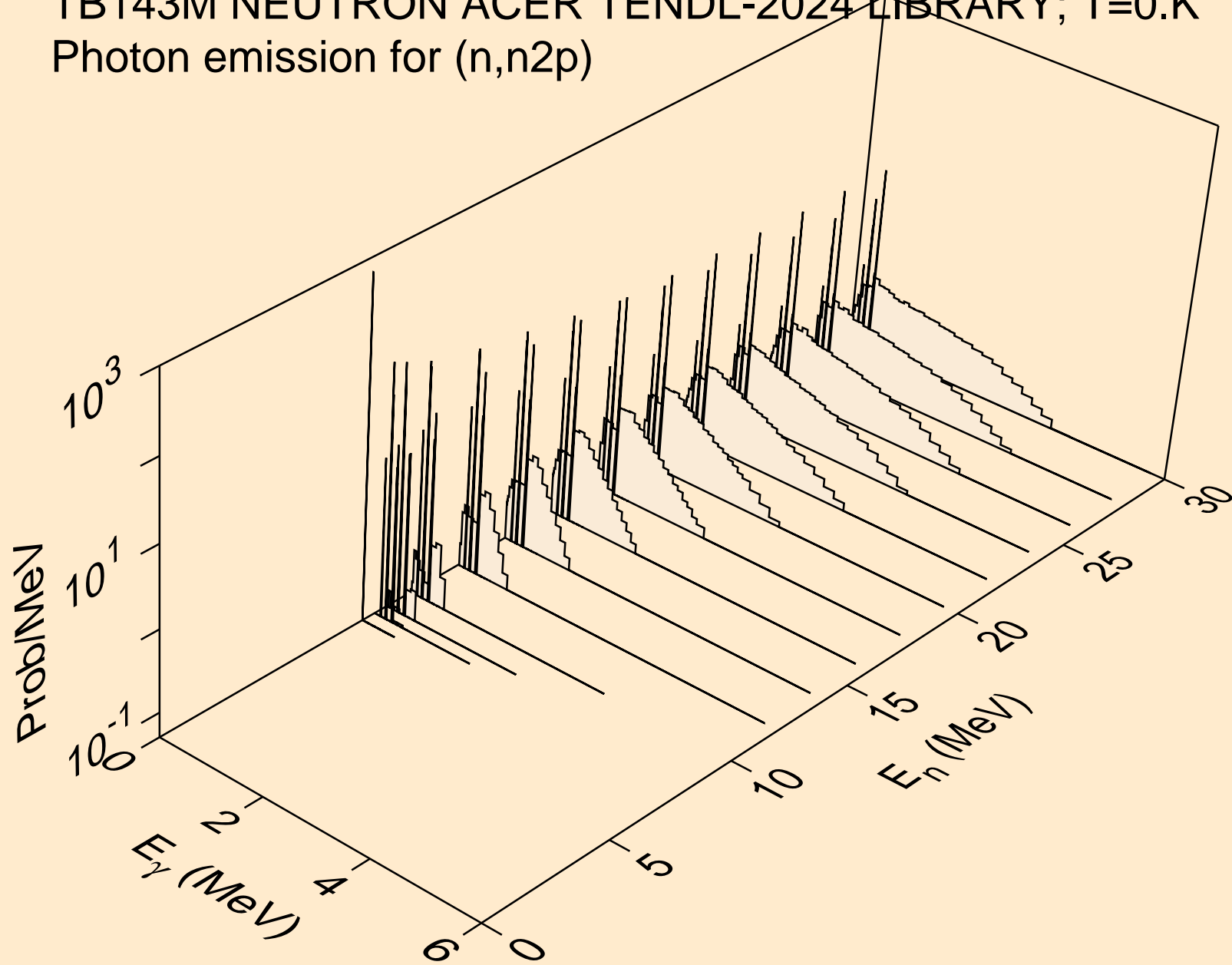


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Photon emission for (n,3np)

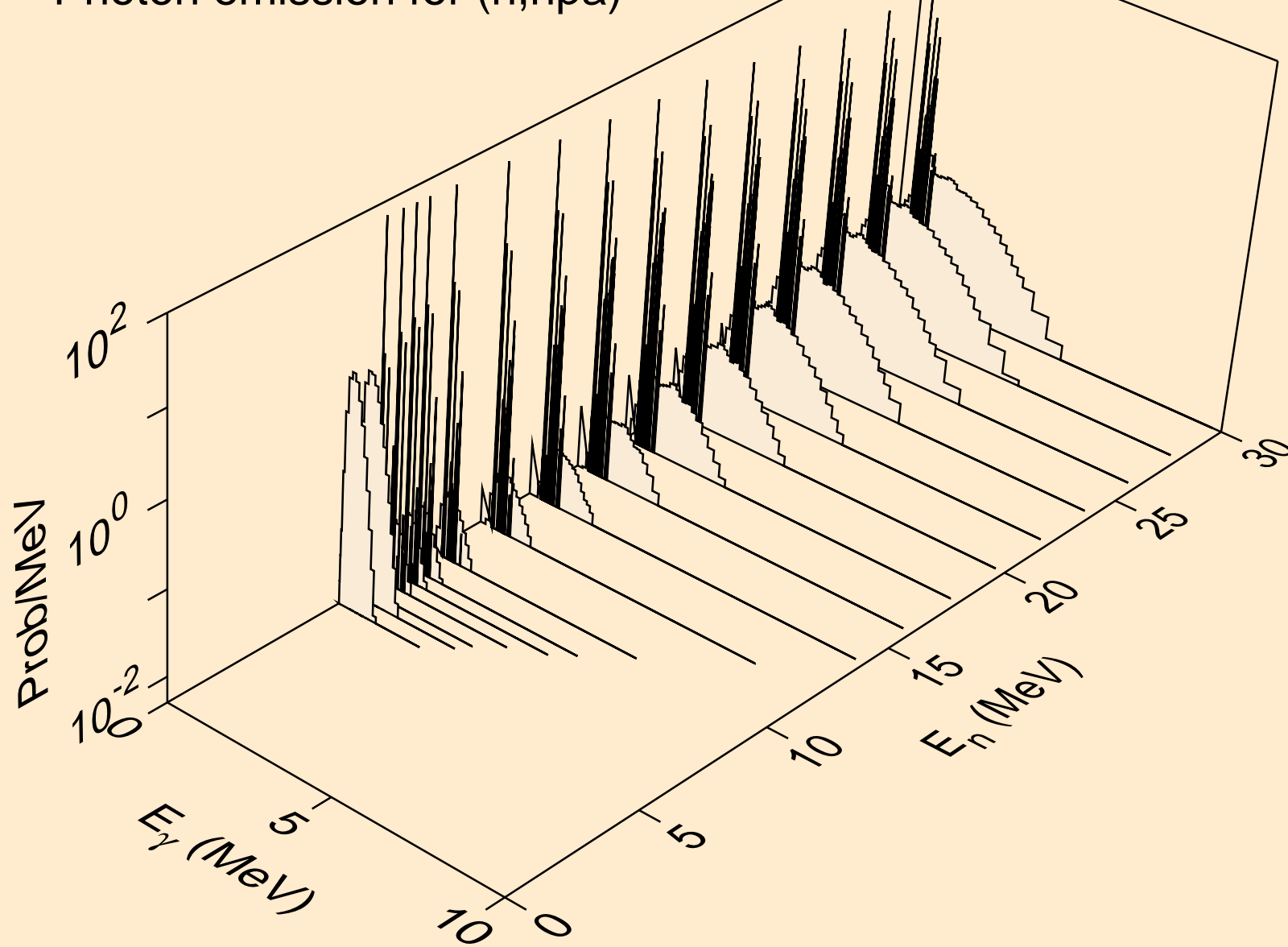




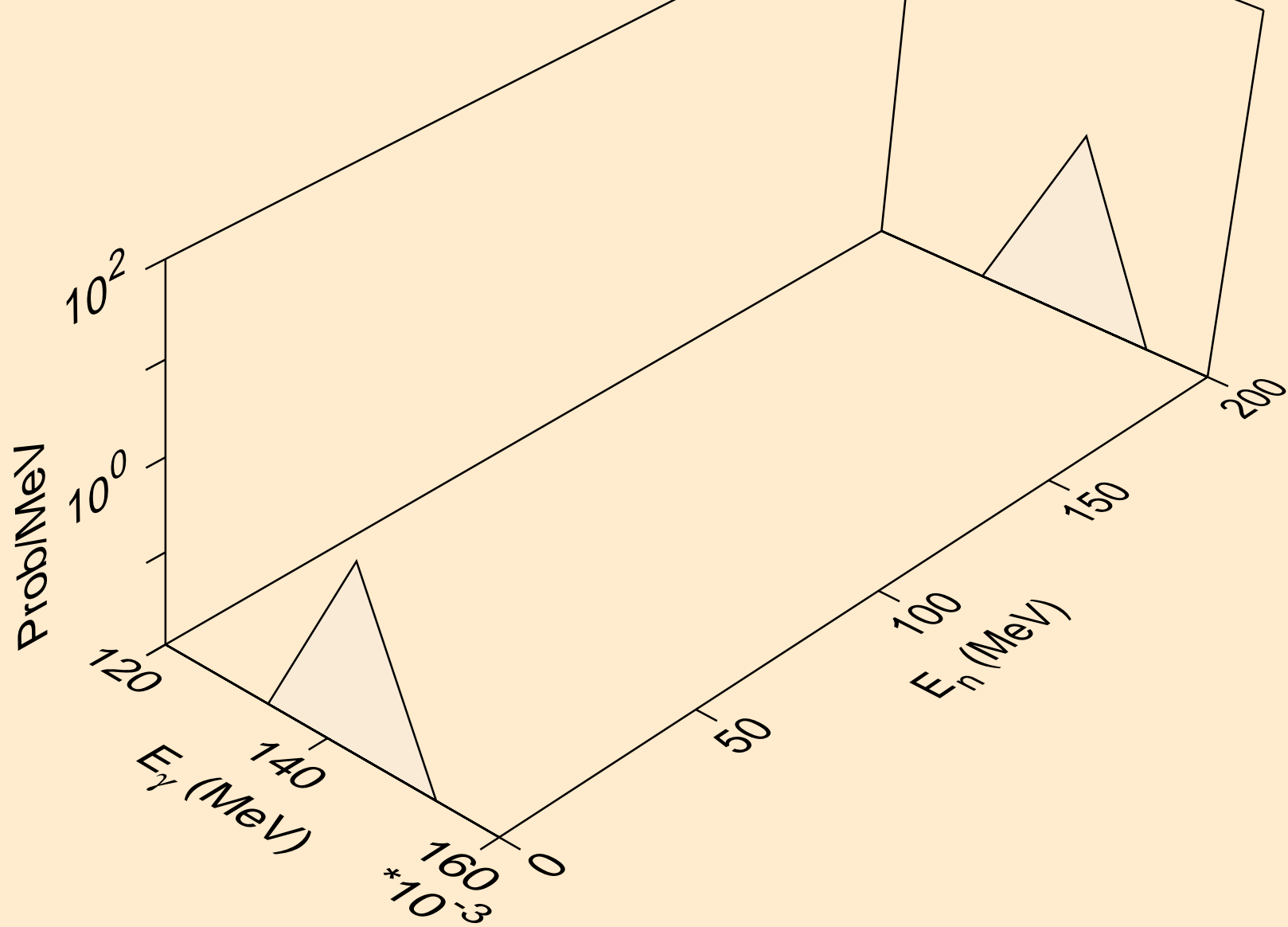
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Photon emission for (n,n2p)



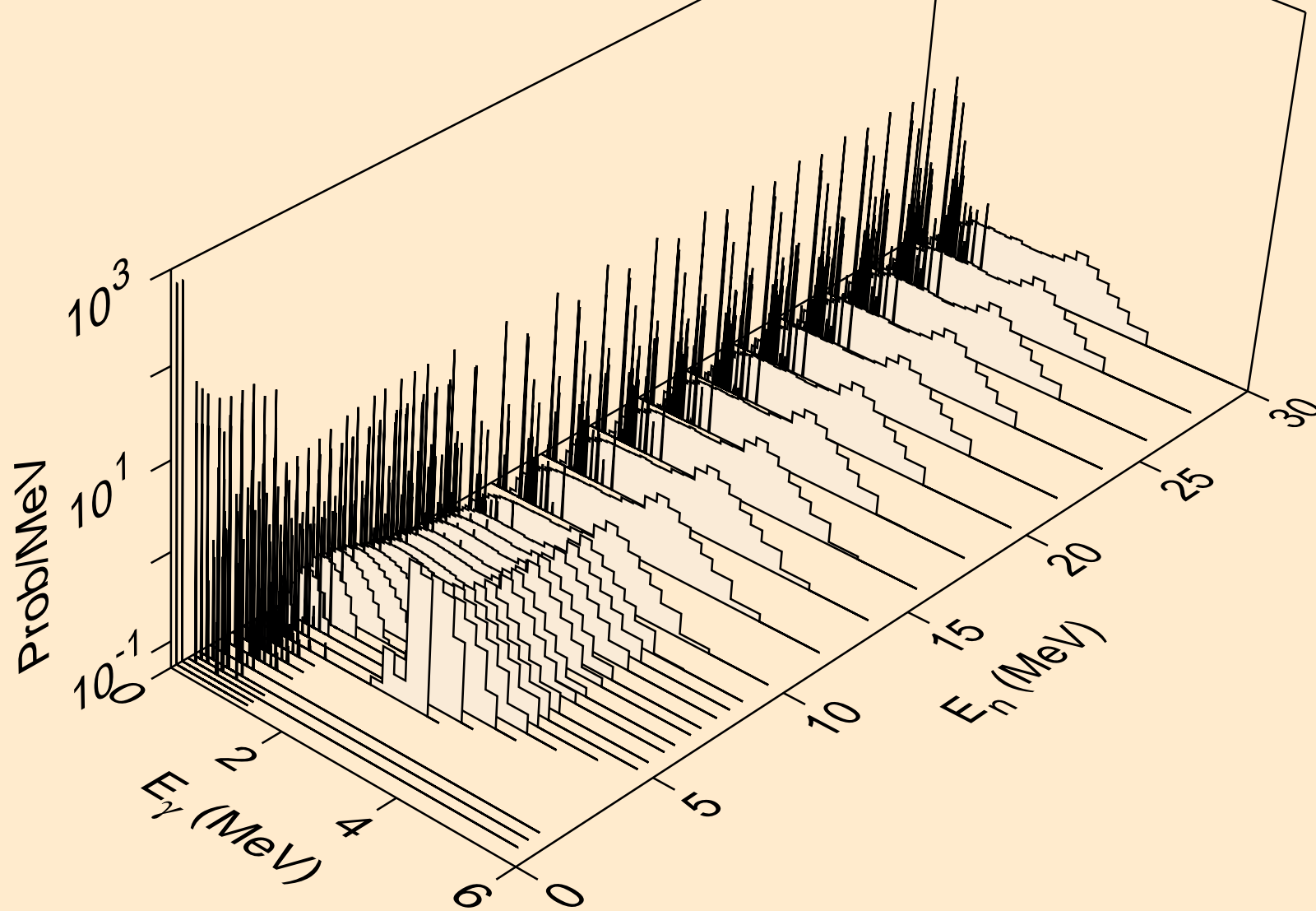
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Photon emission for (n,npa)



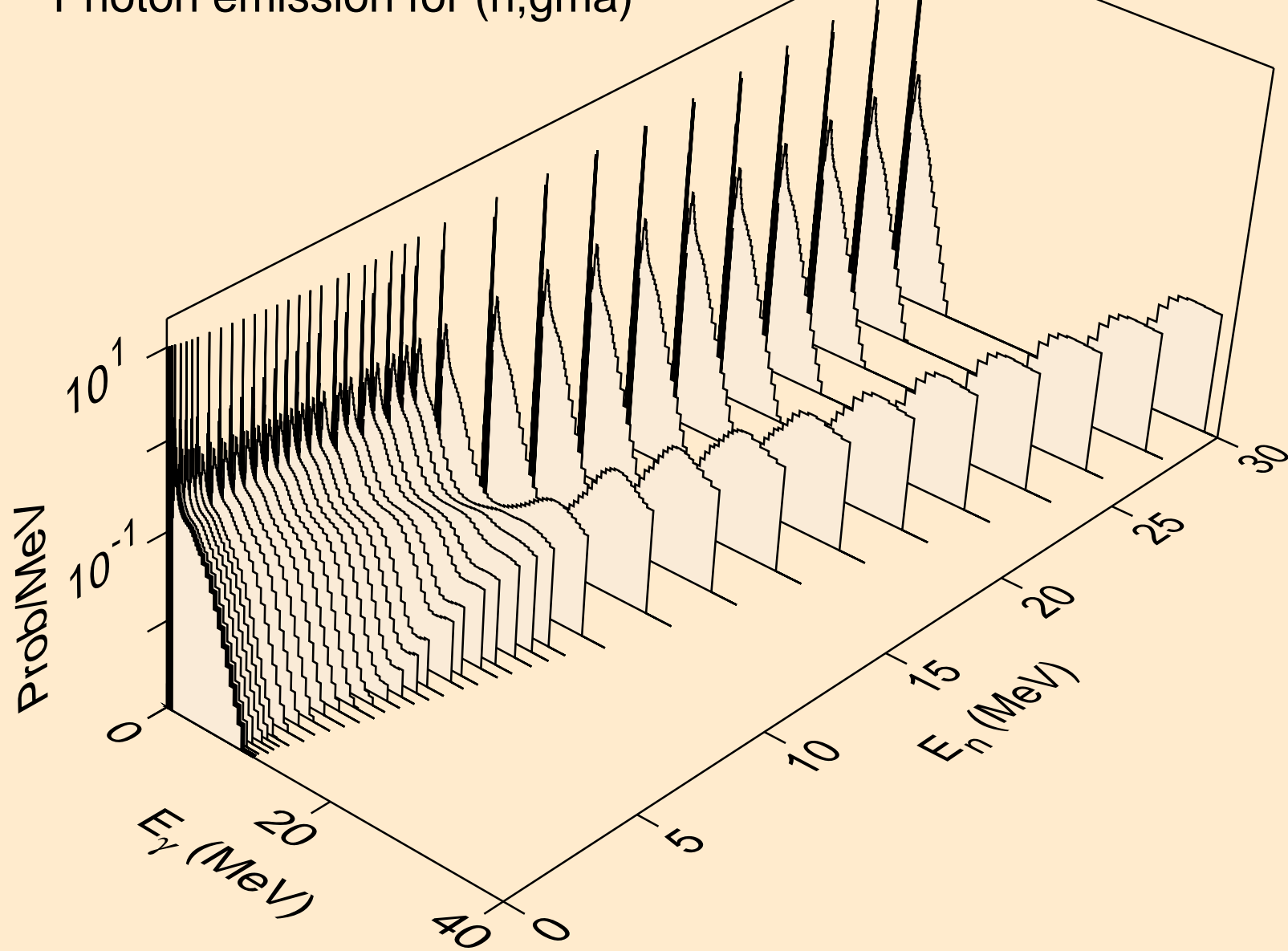
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Photon emission for (n,n\*1)



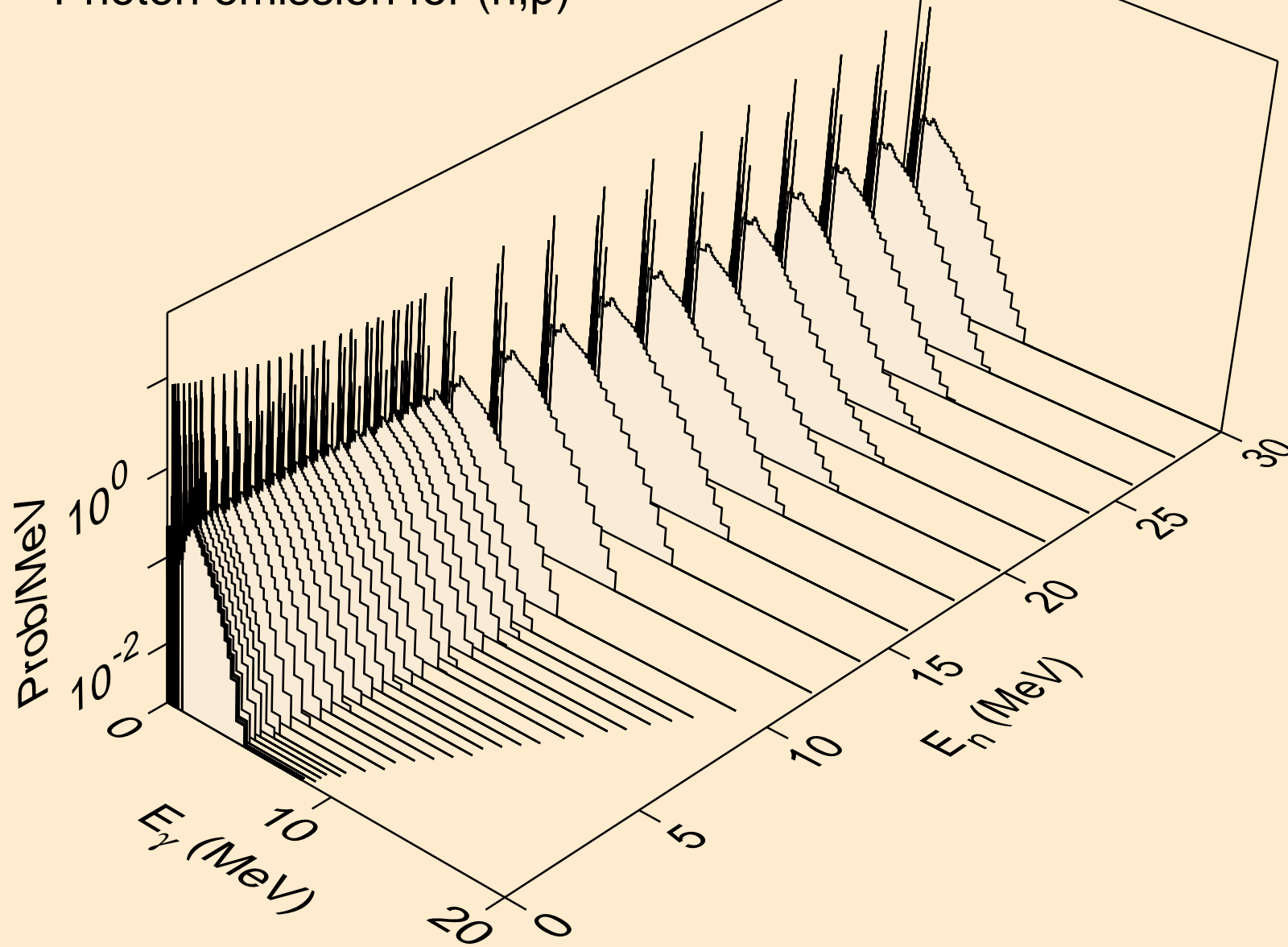
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Photon emission for (n,n\*c)



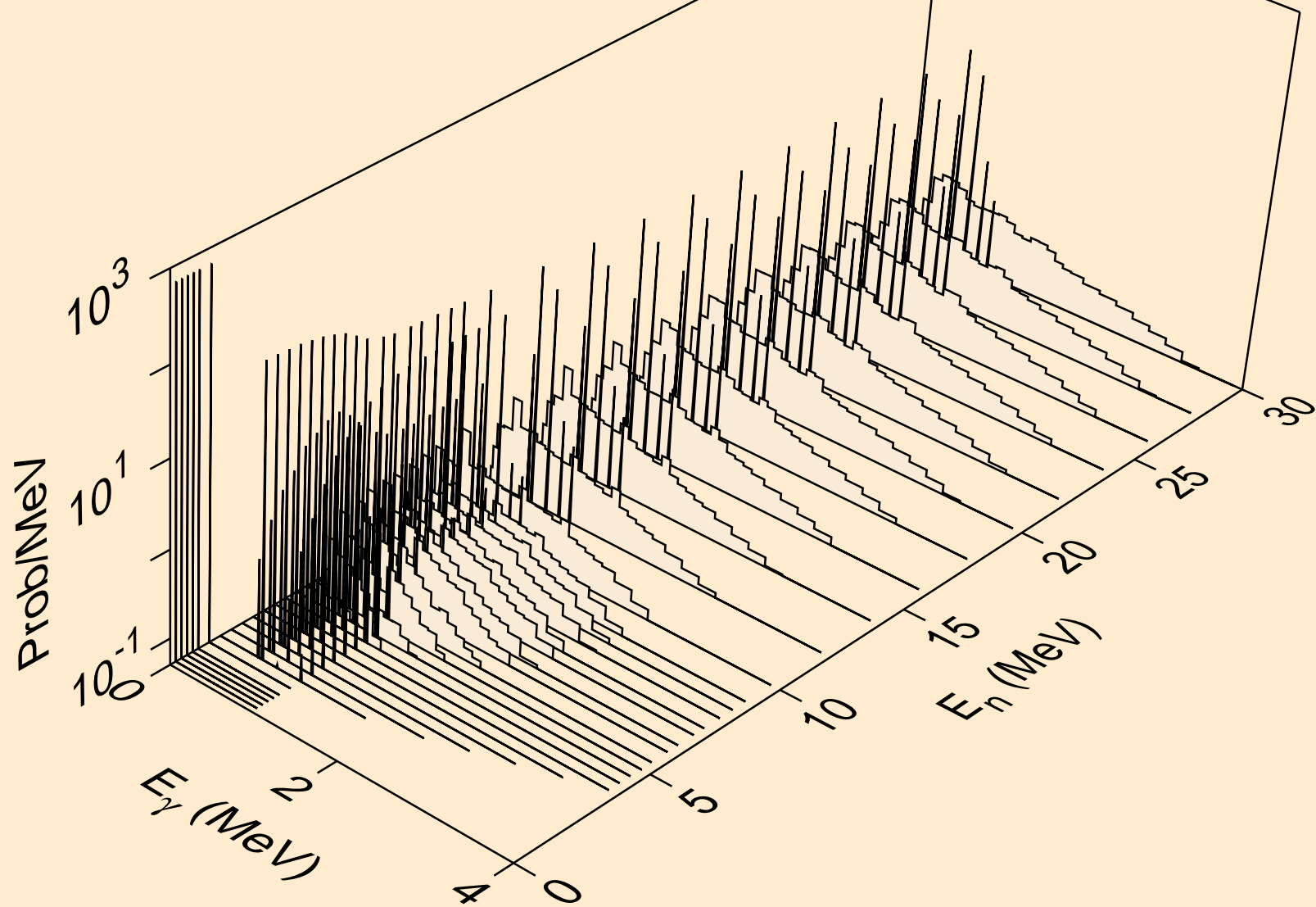
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Photon emission for (n,gma)



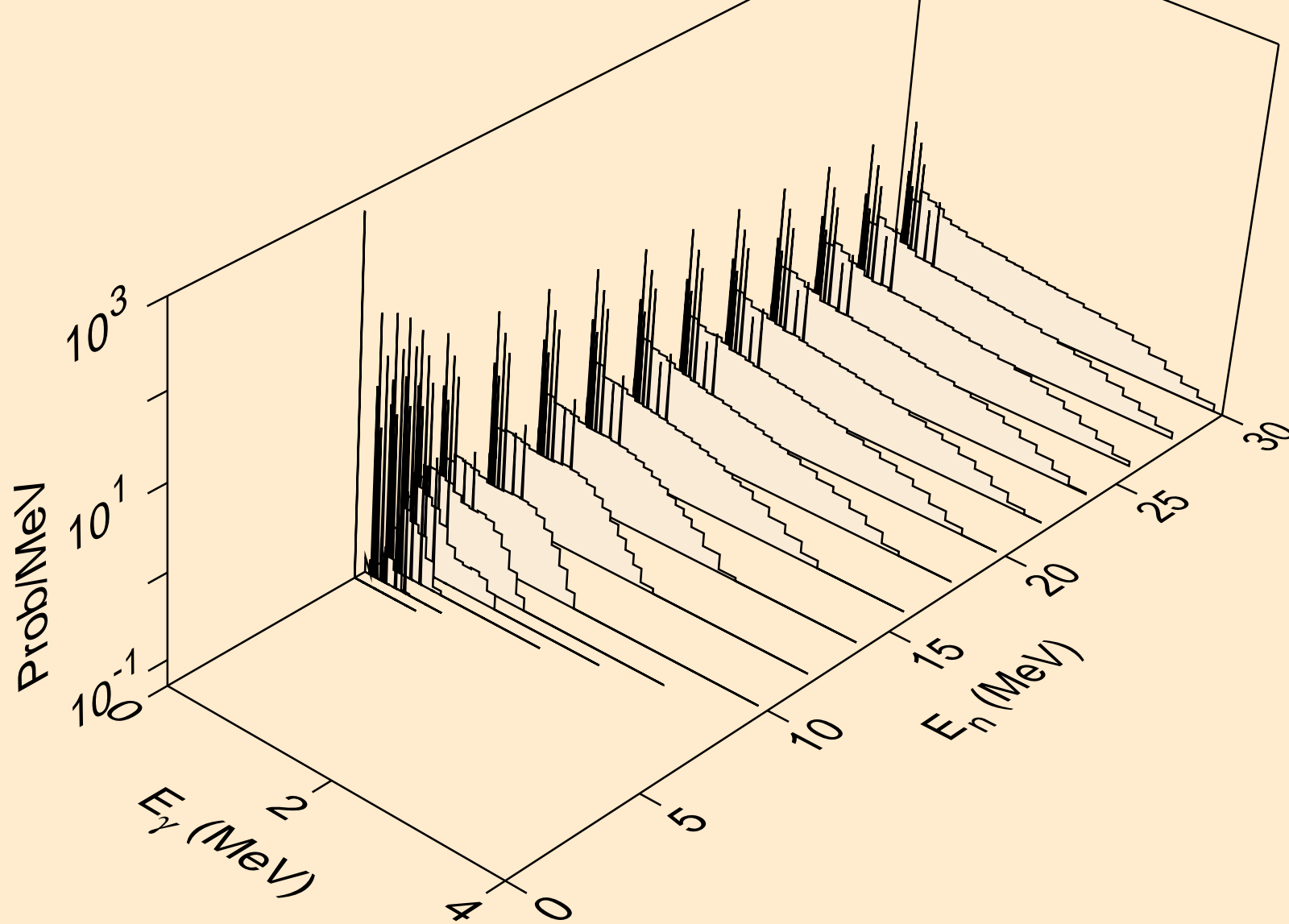
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

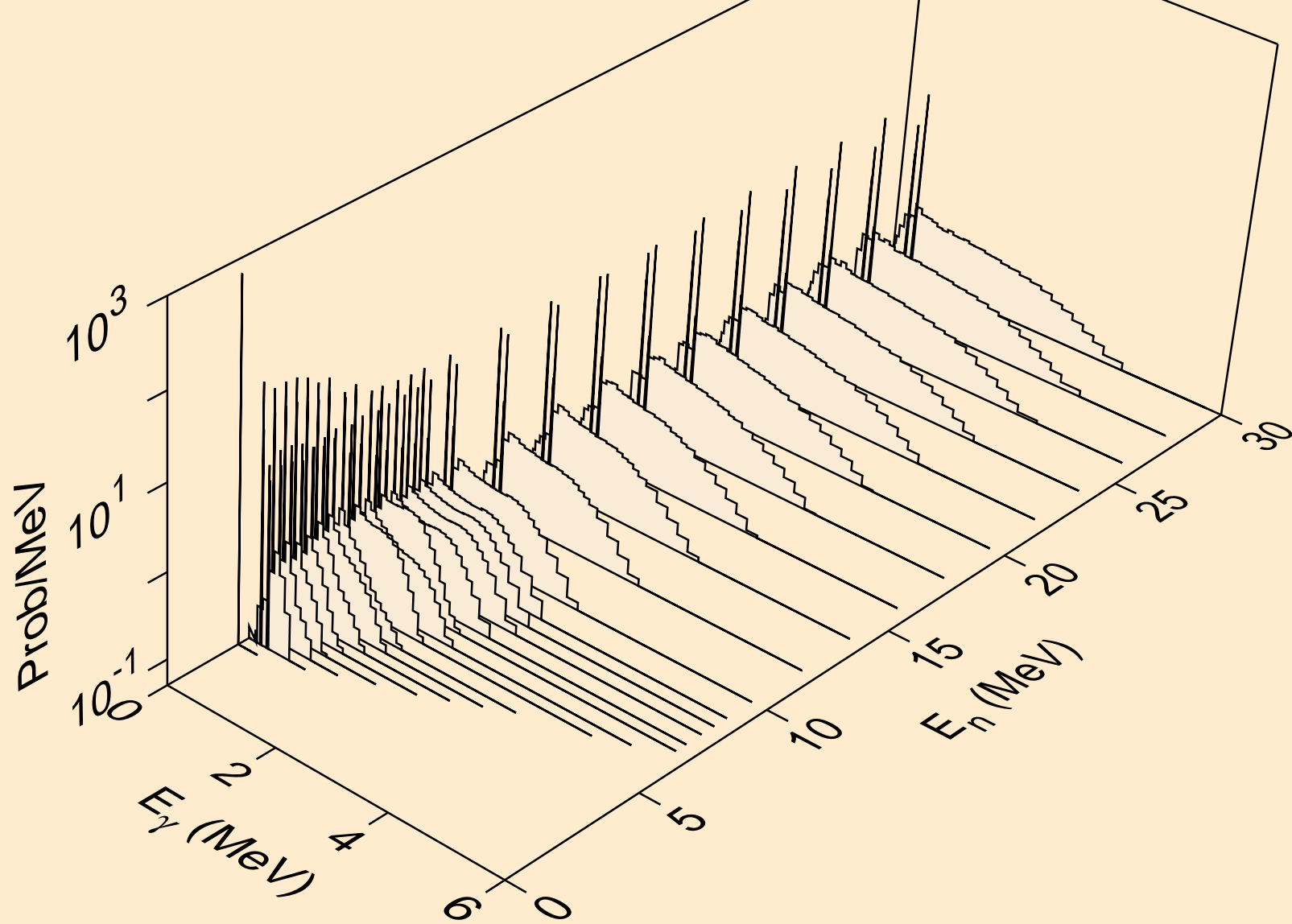


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Photon emission for (n,t)

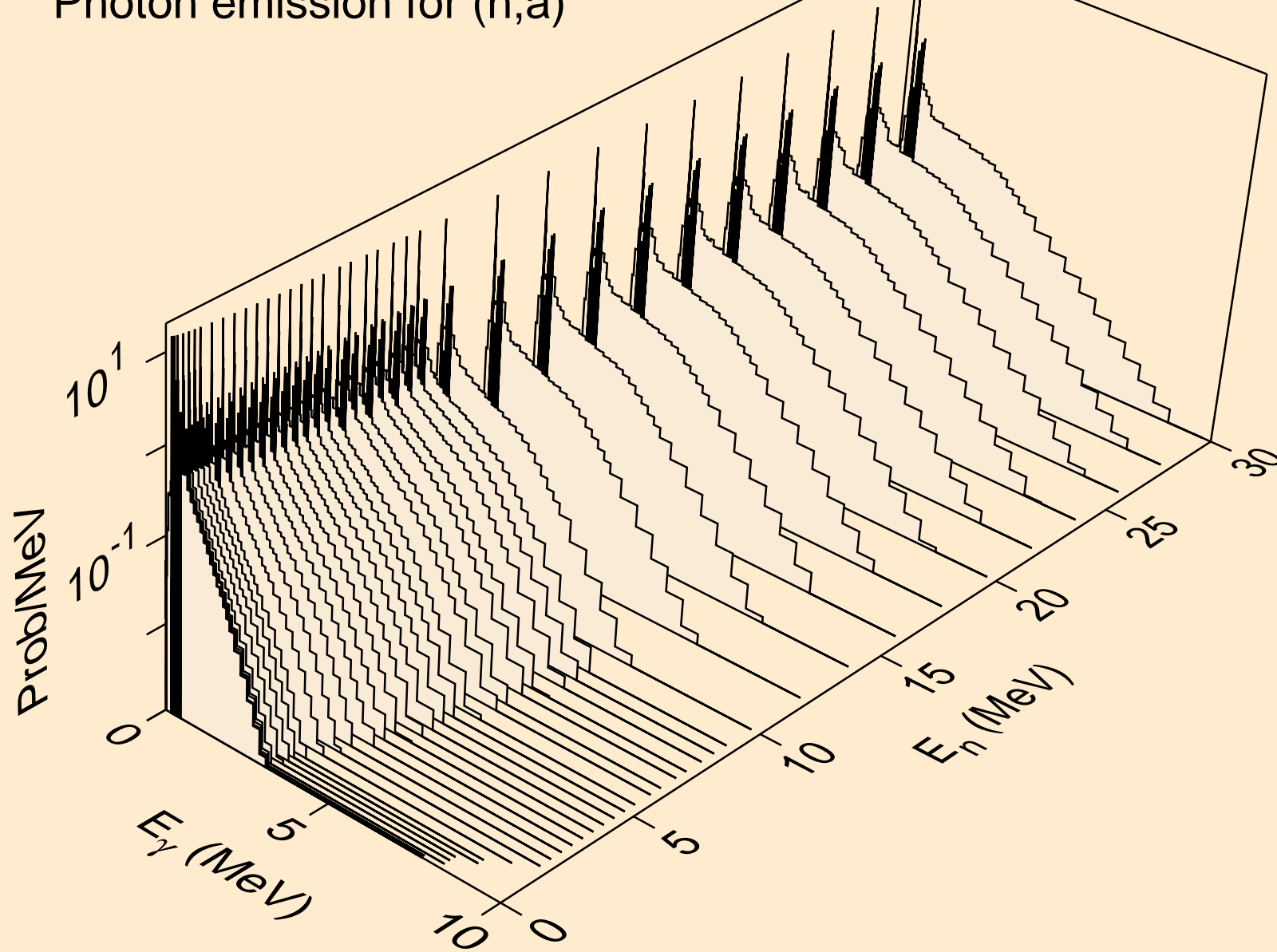




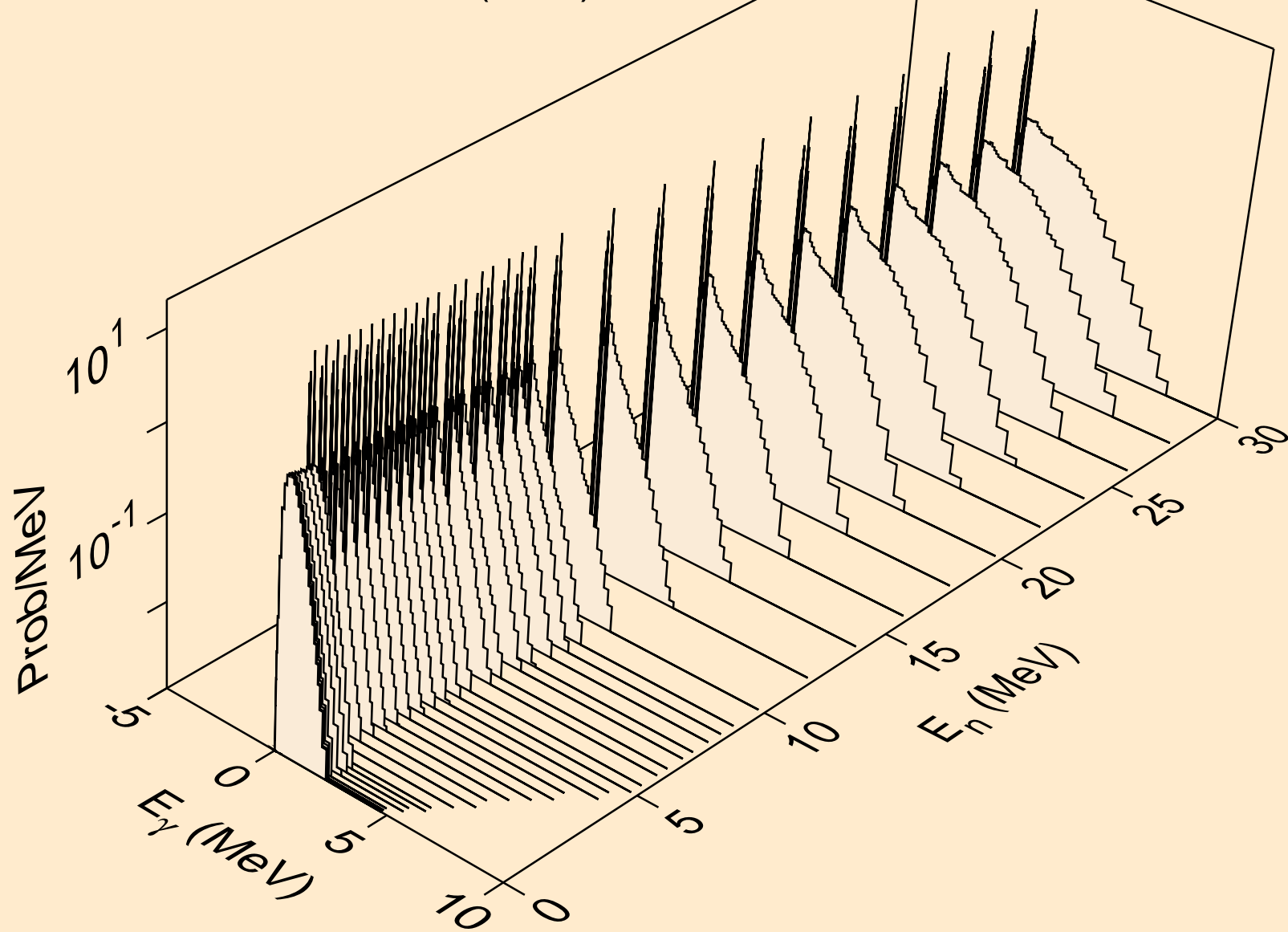
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Photon emission for (n,he3)



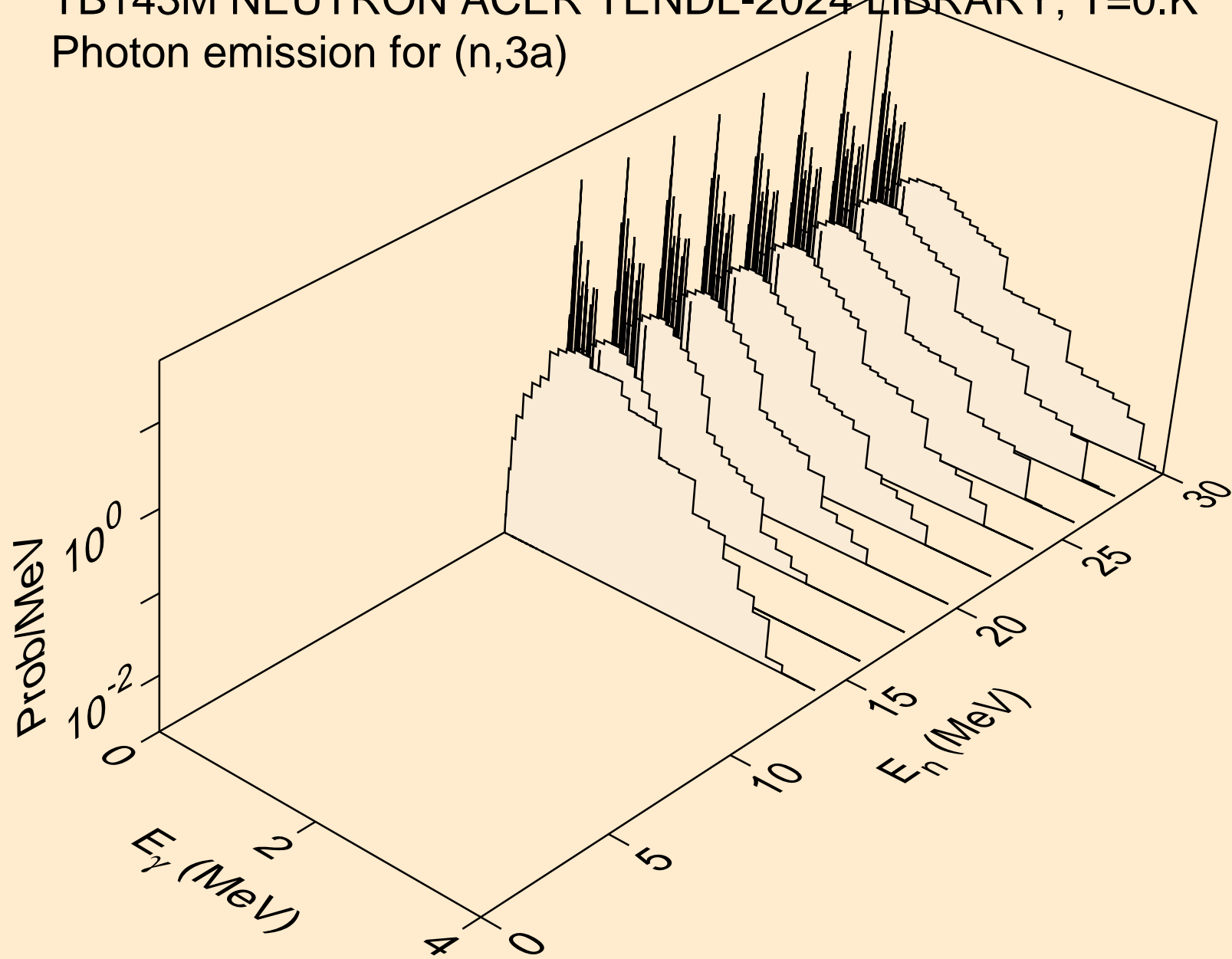
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



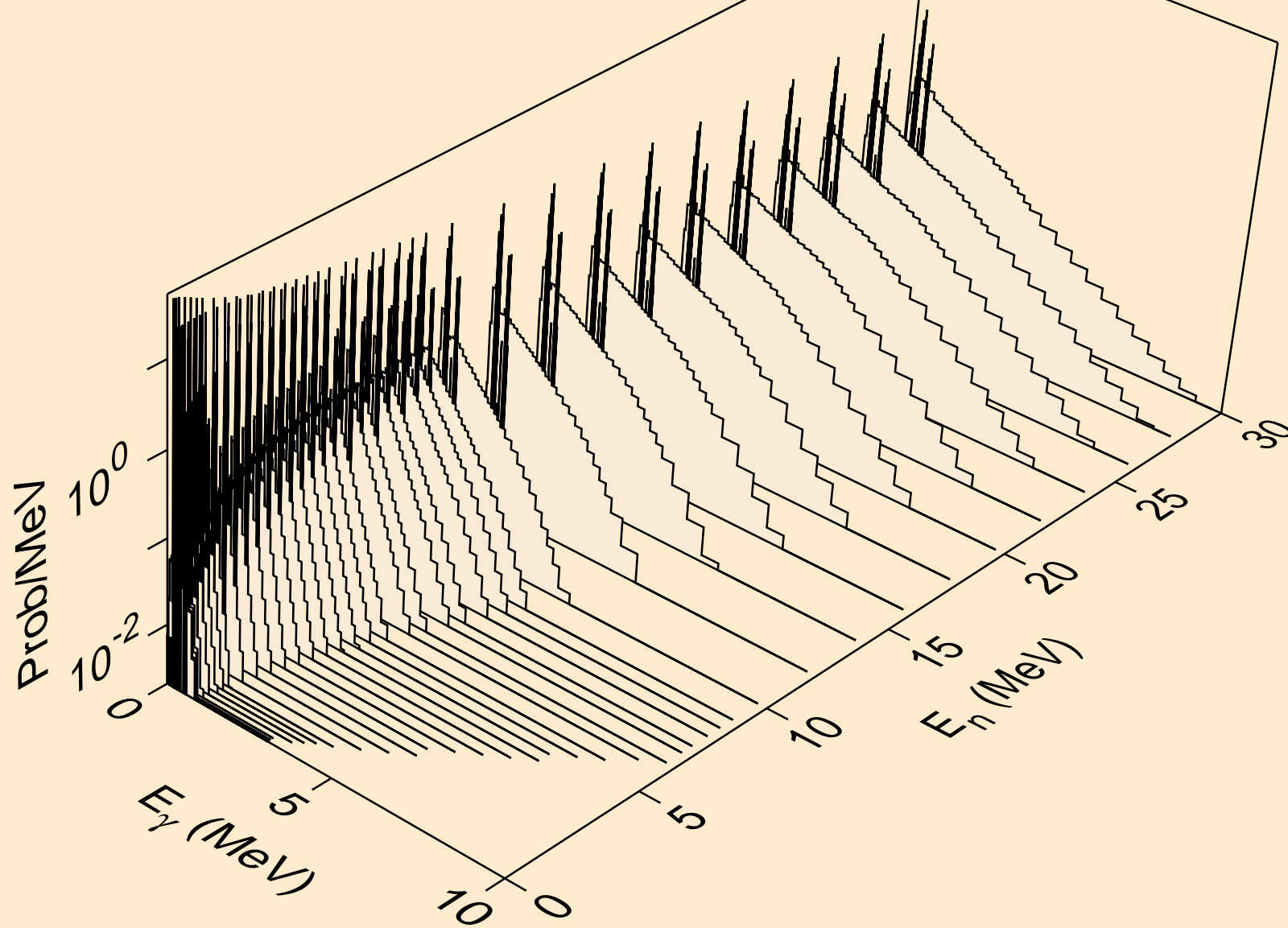
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



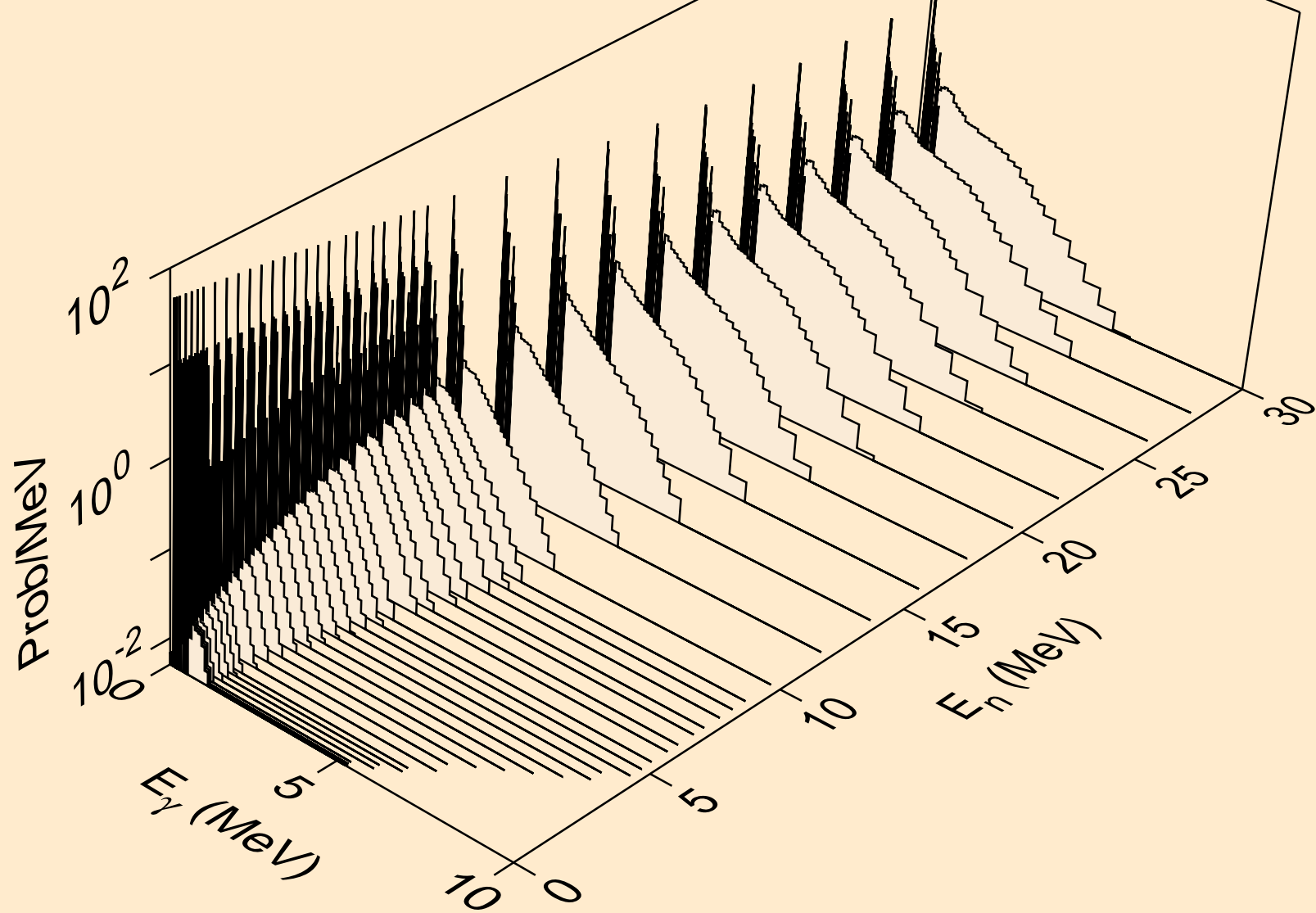
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



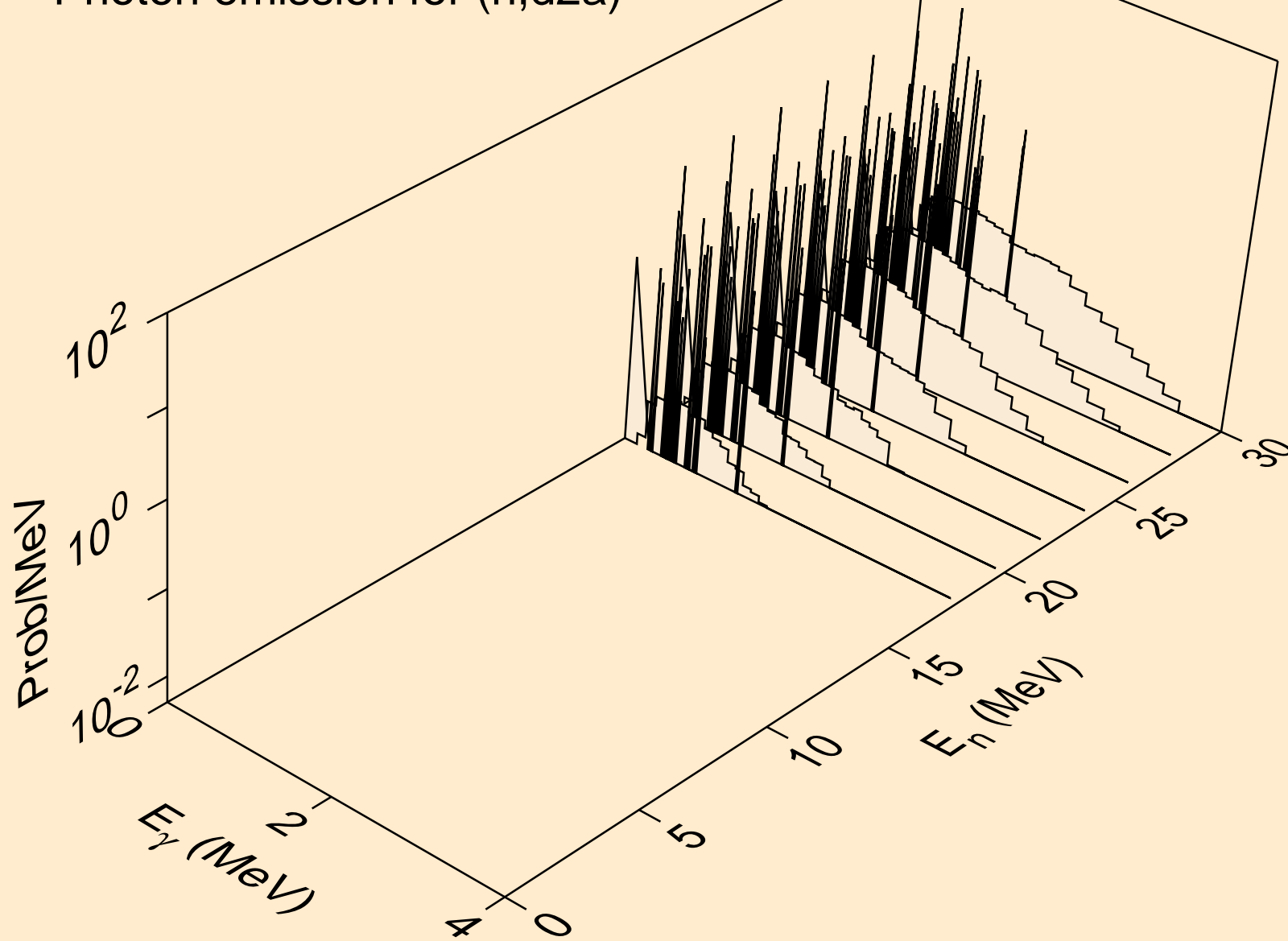
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



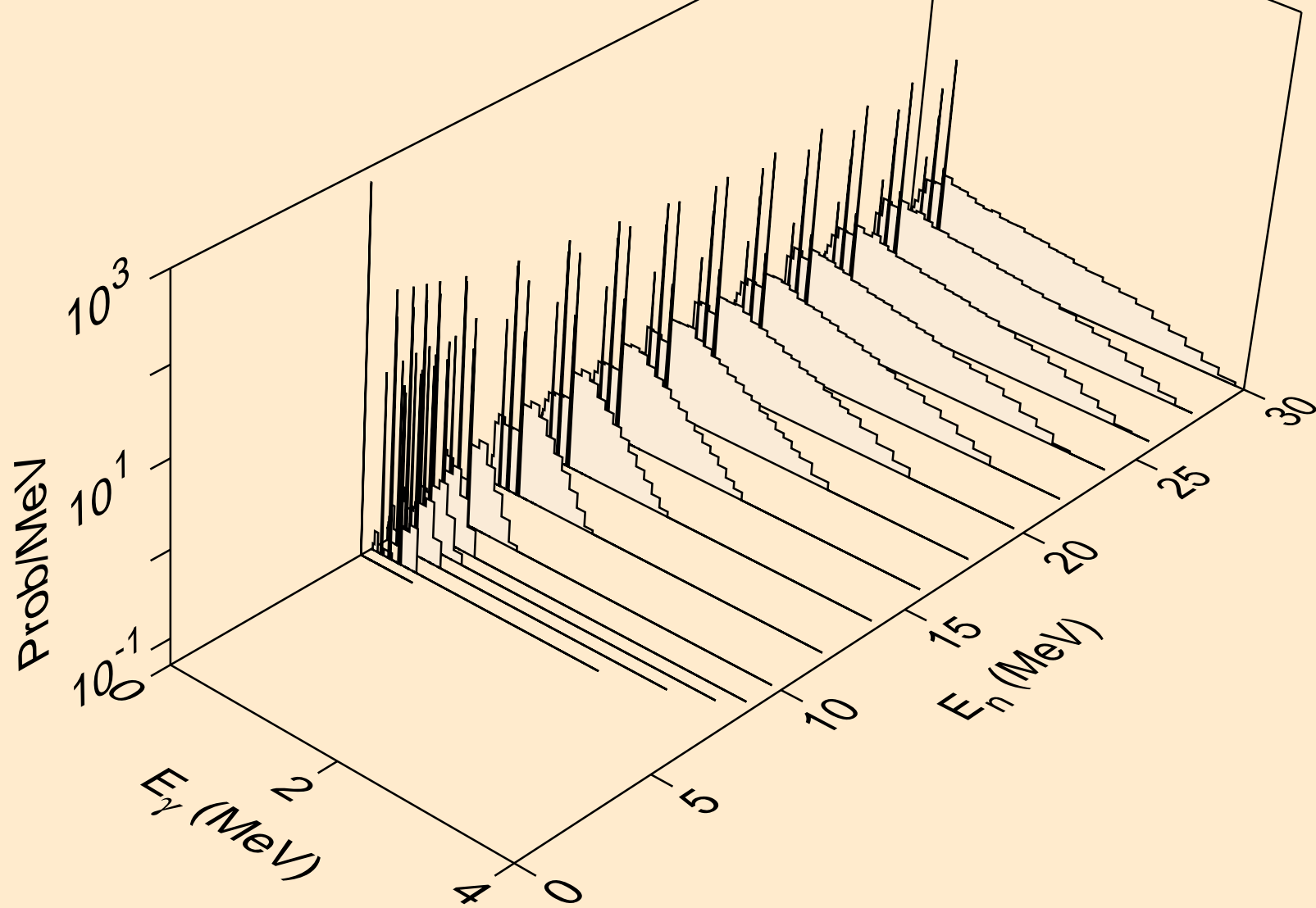
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)

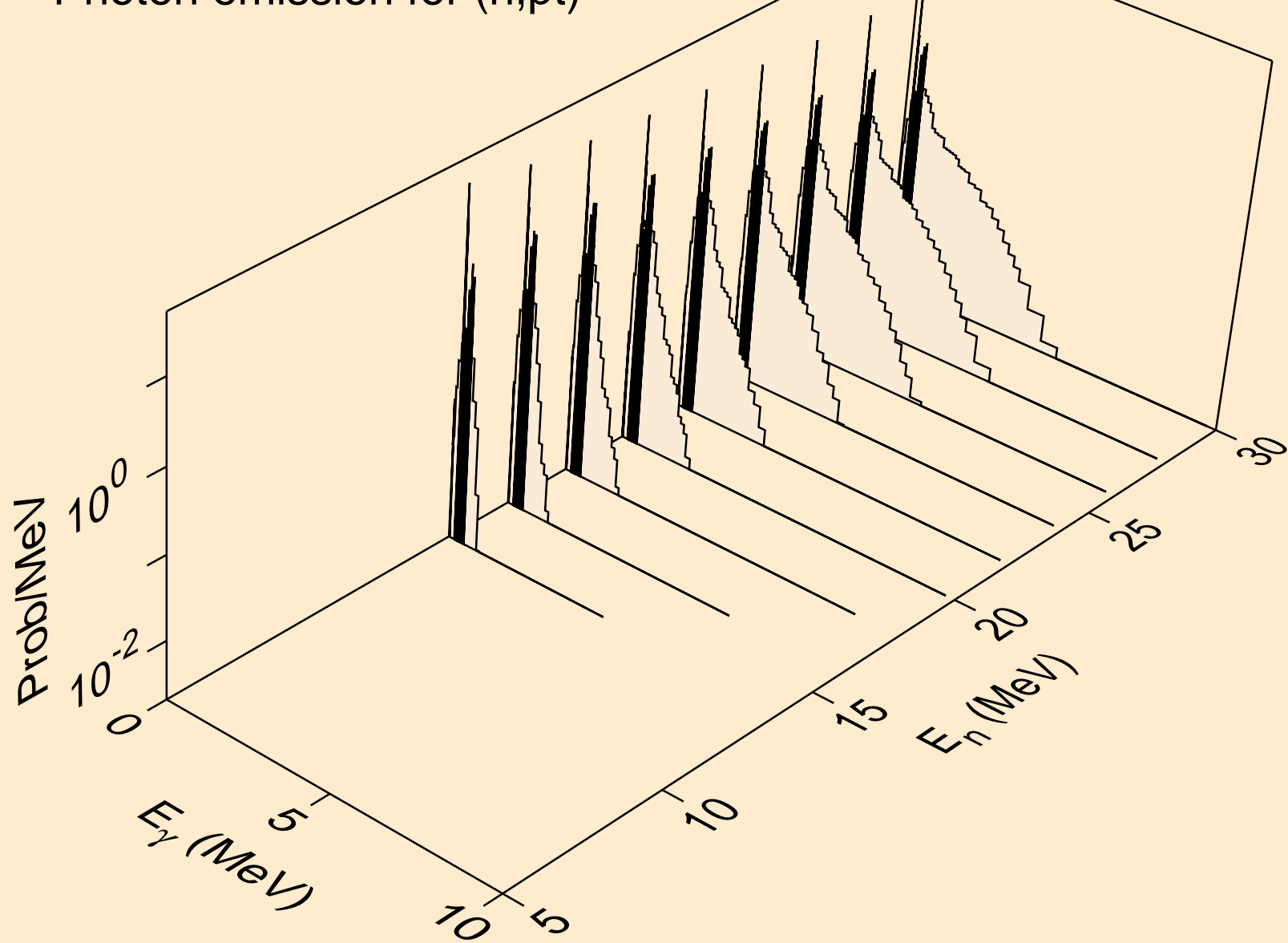


TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

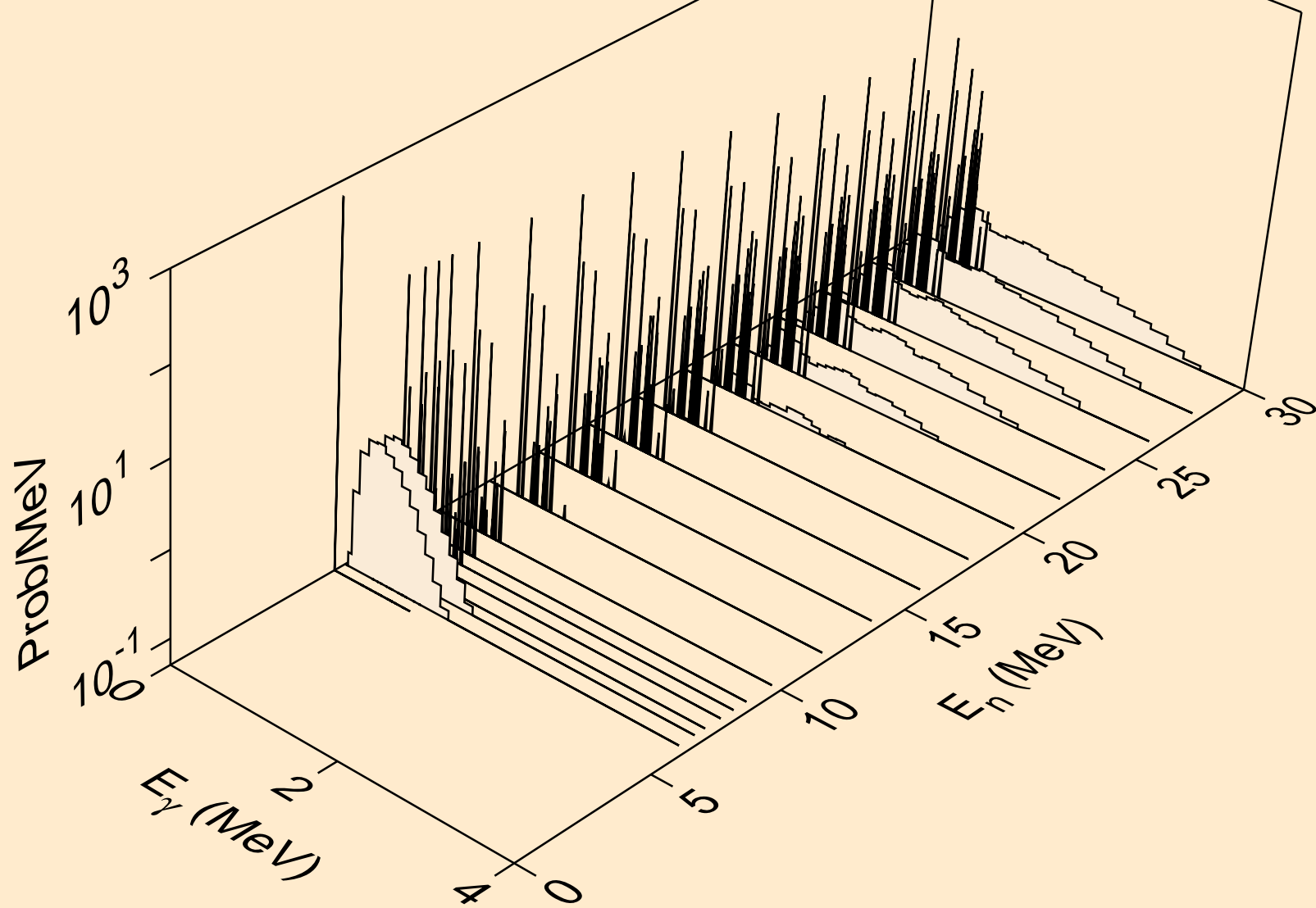




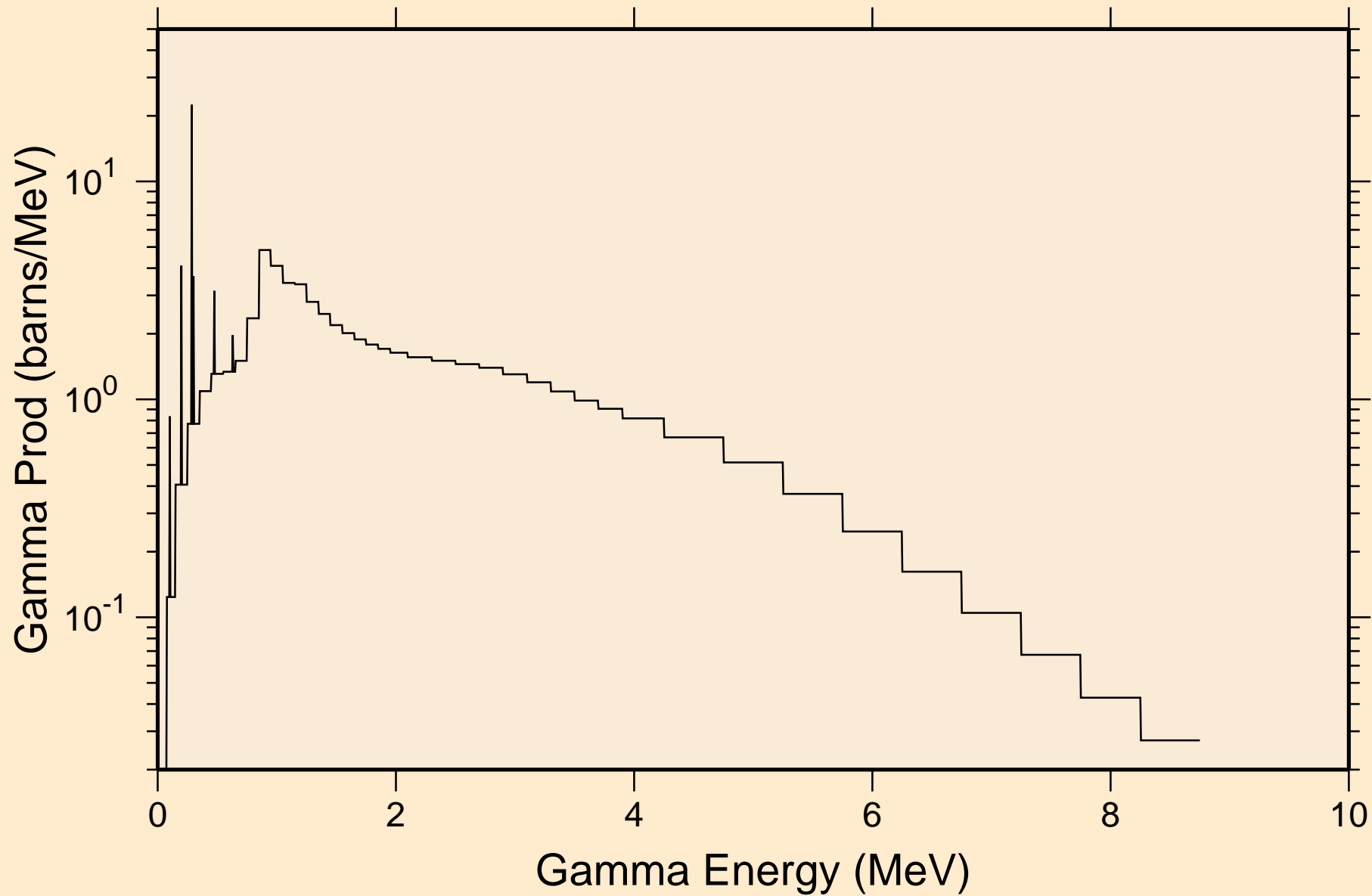
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



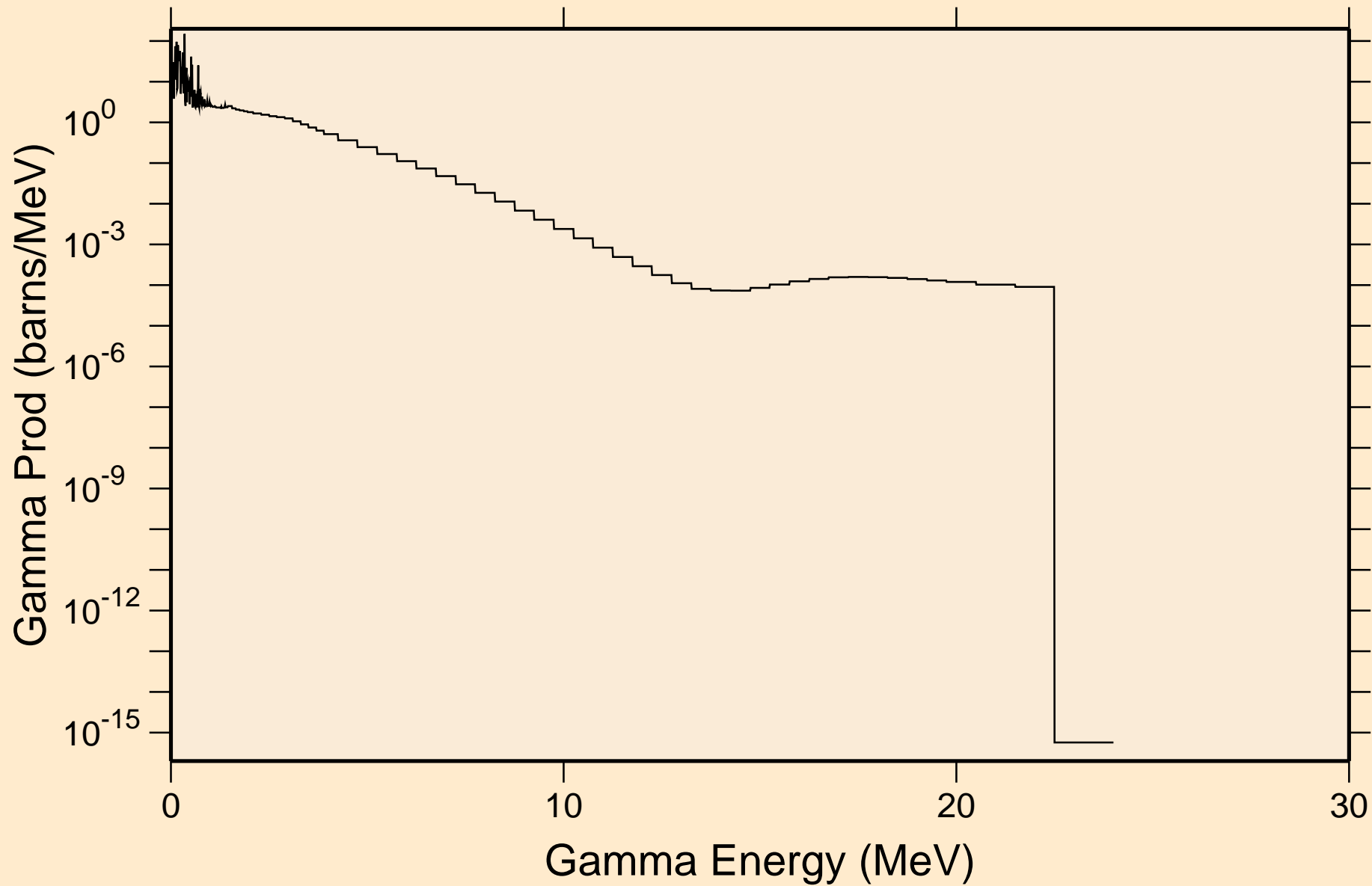
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



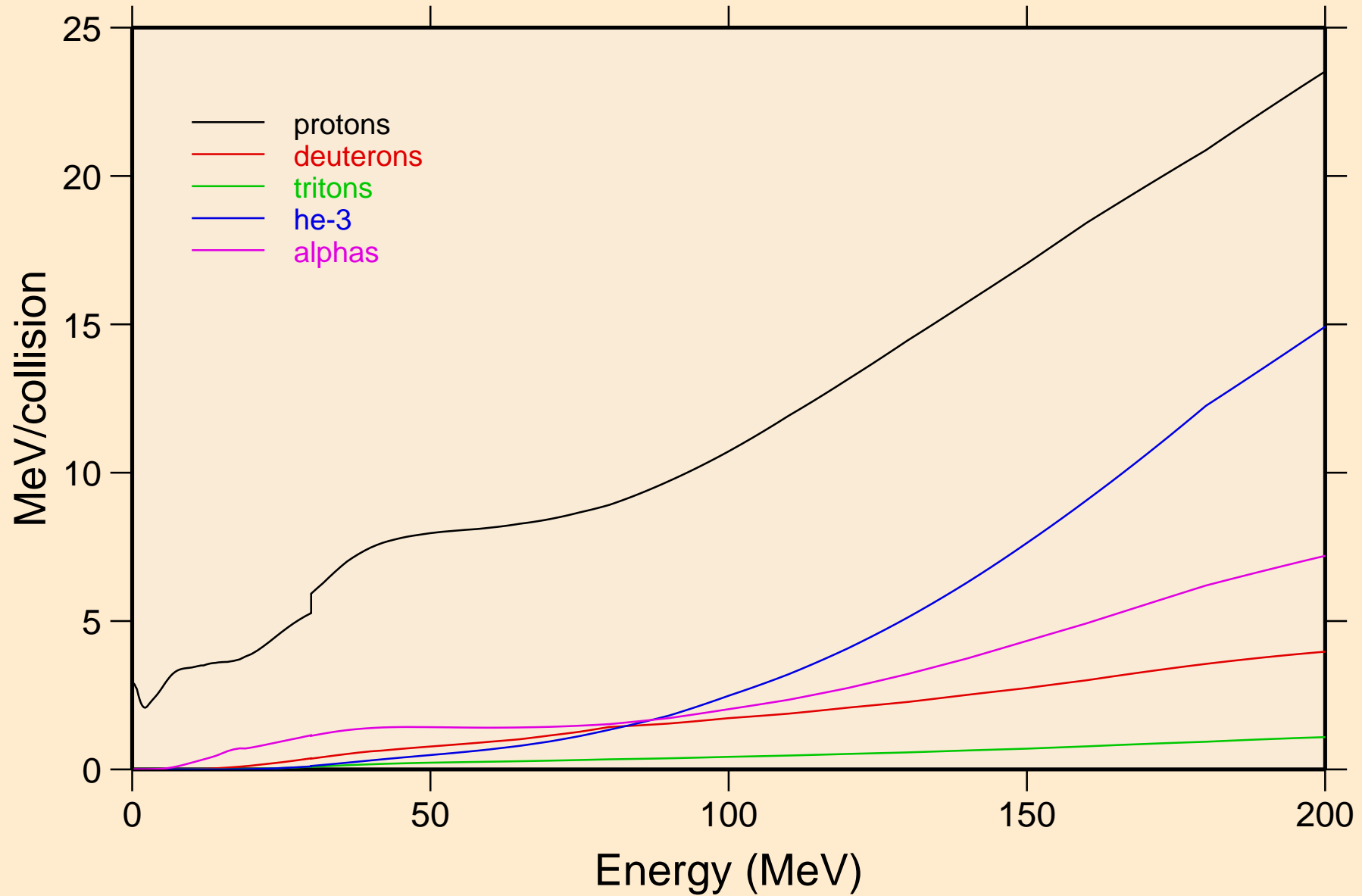
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



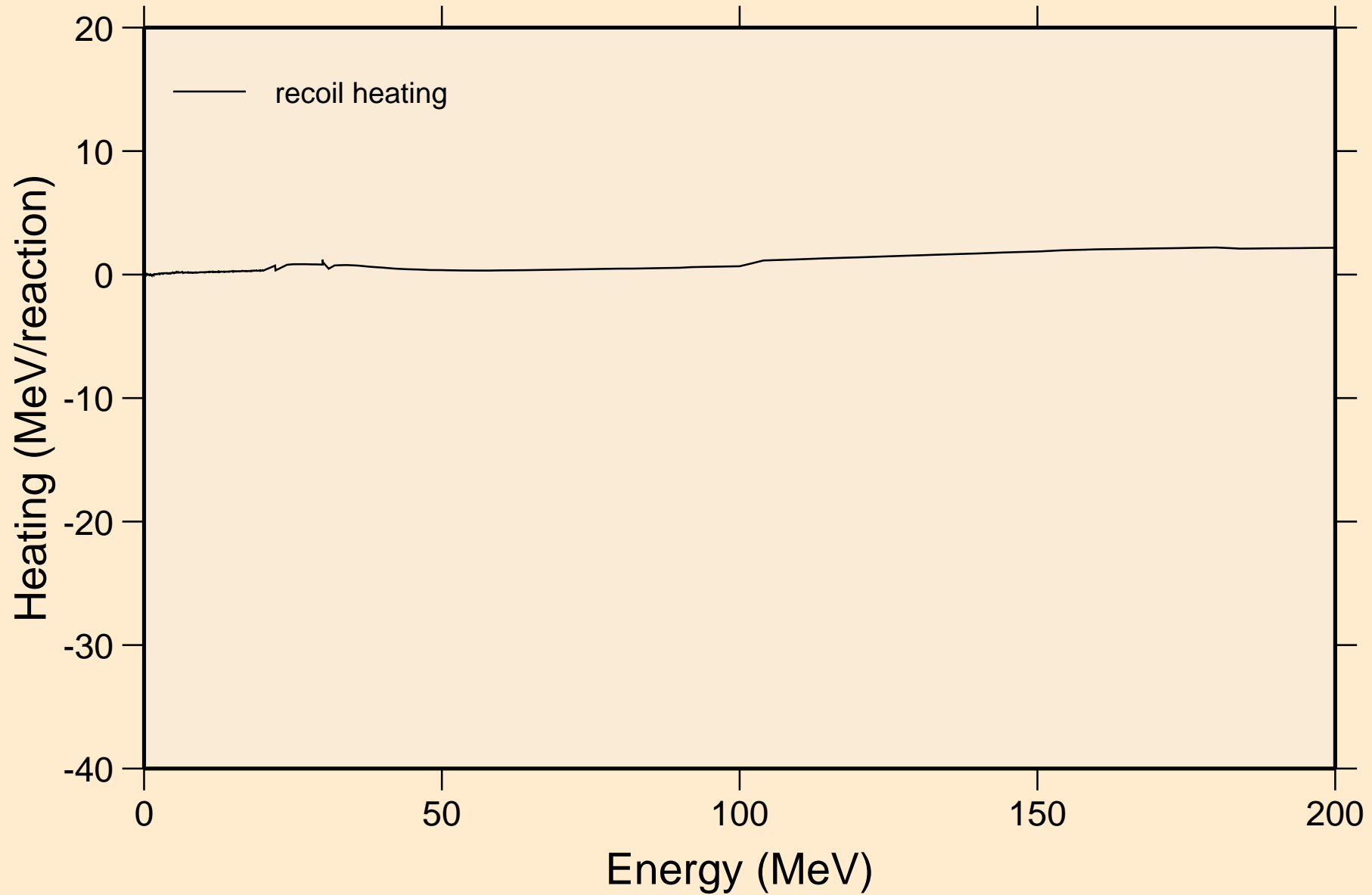
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

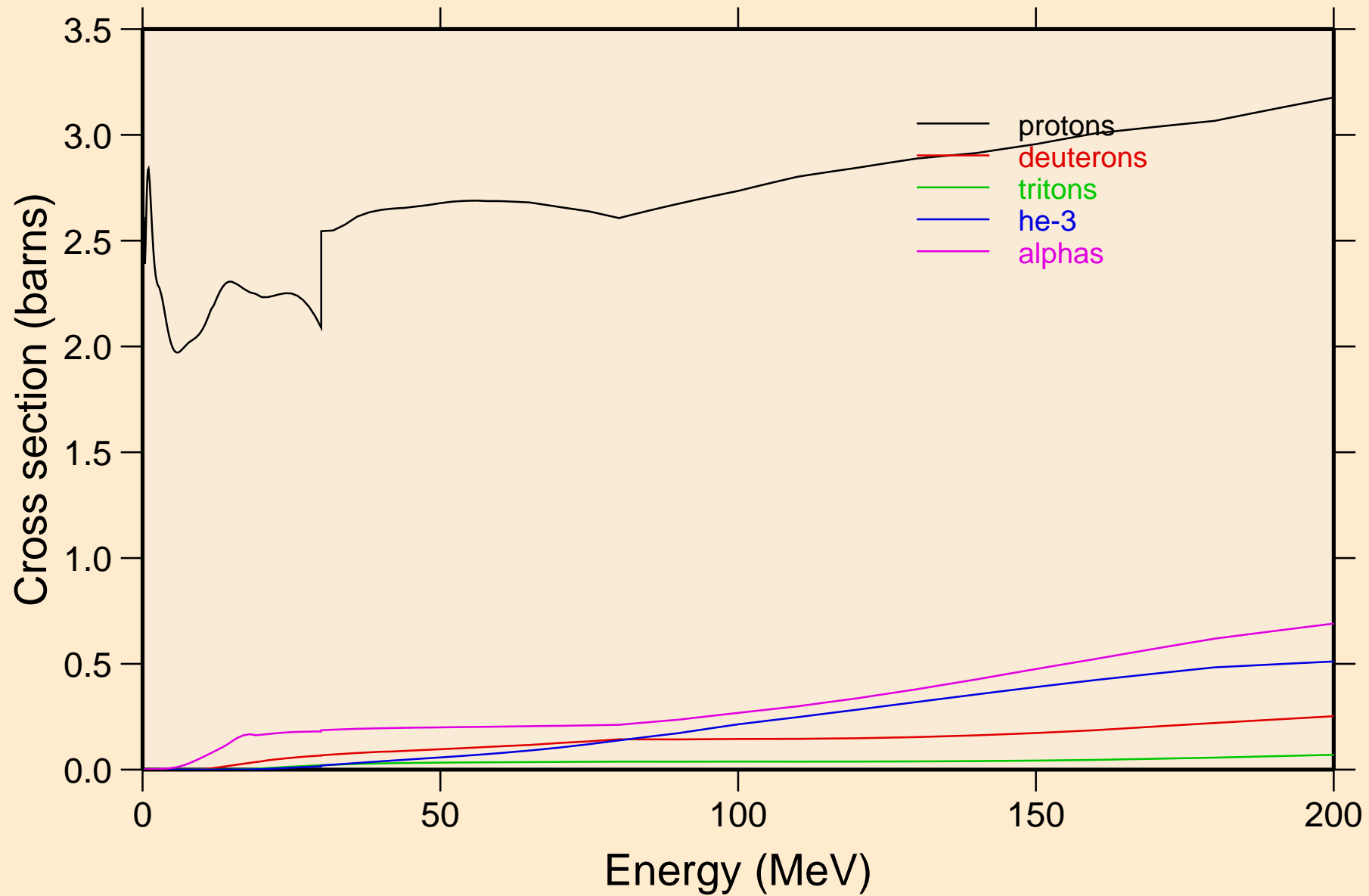


TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

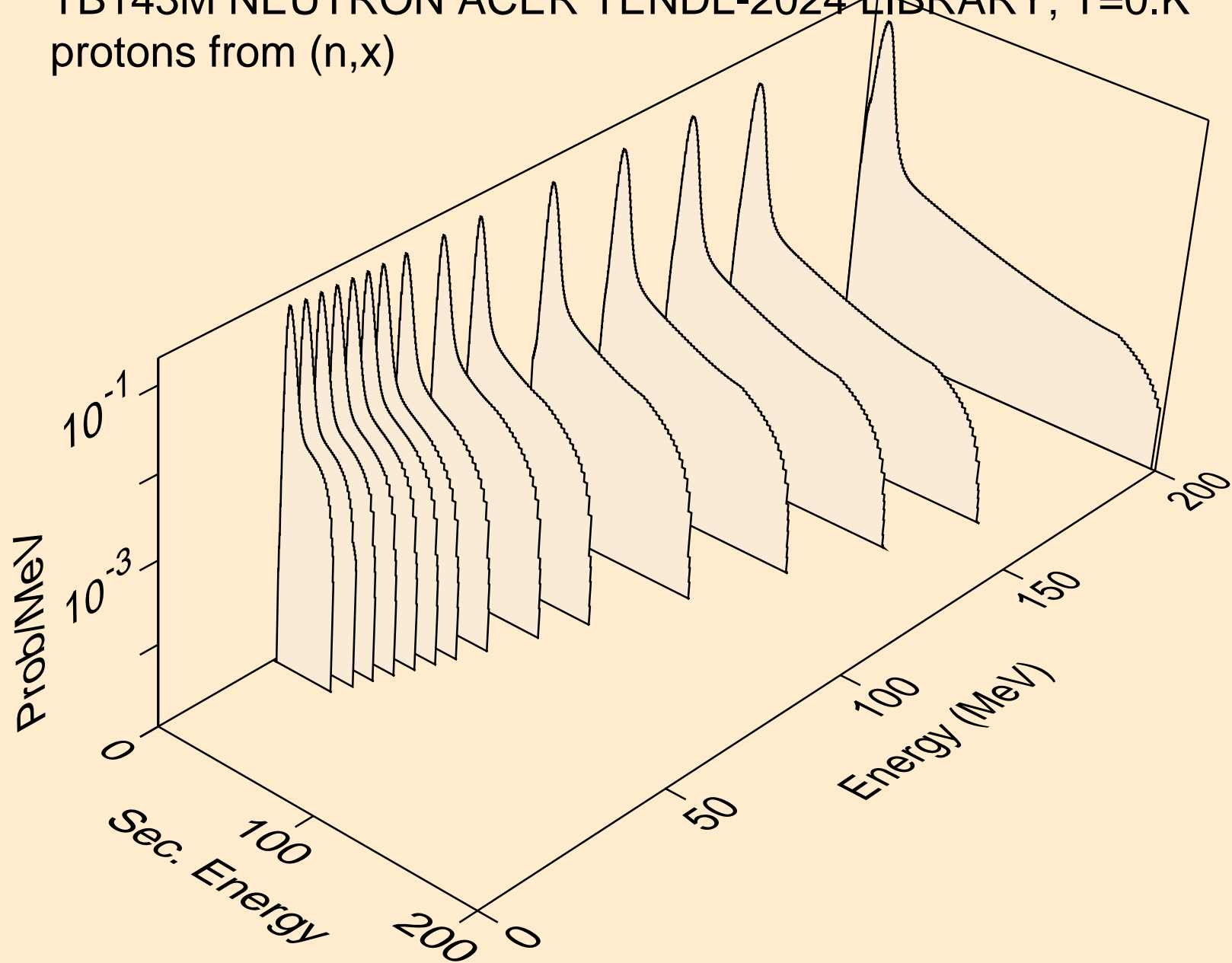


# TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

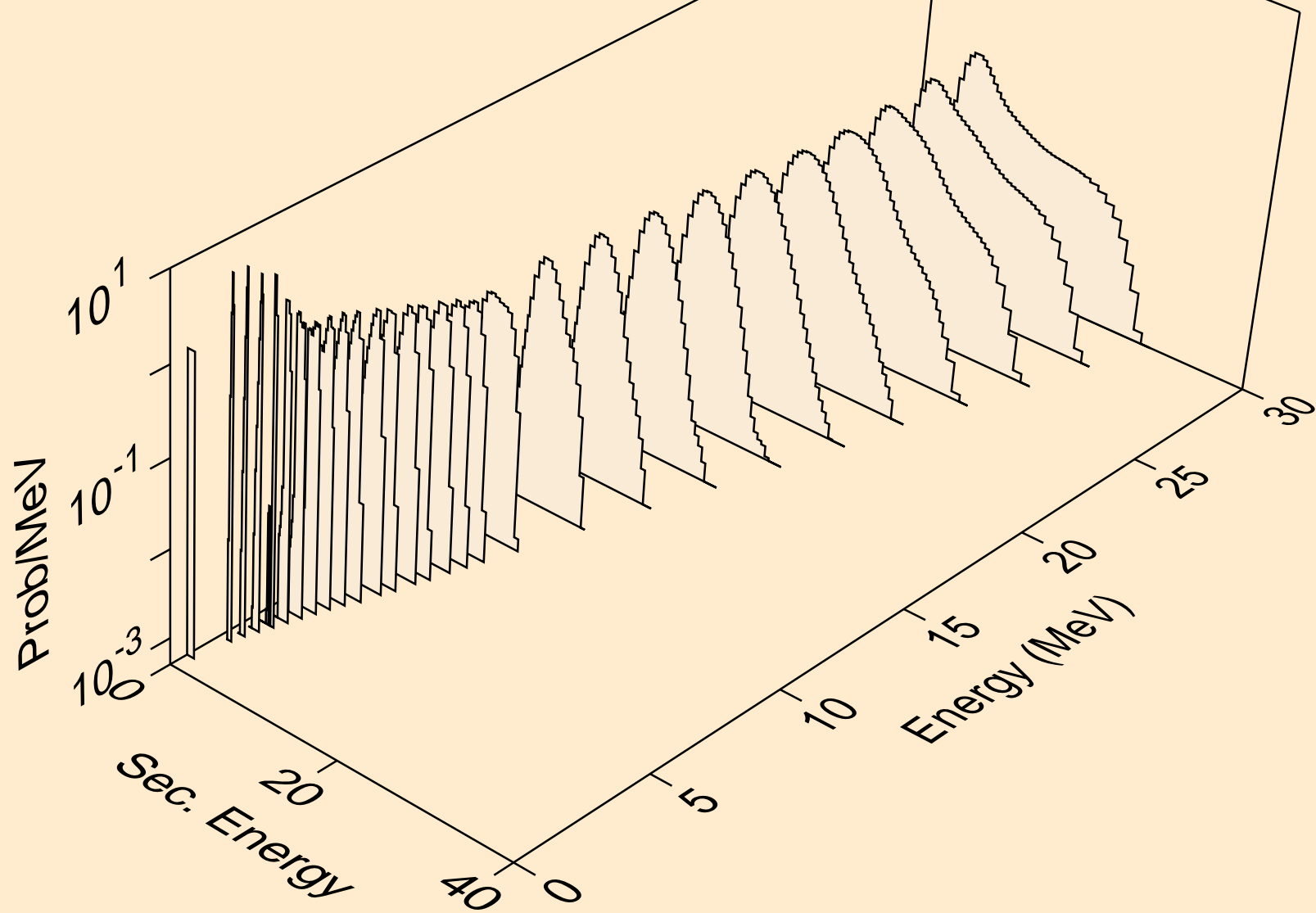


TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

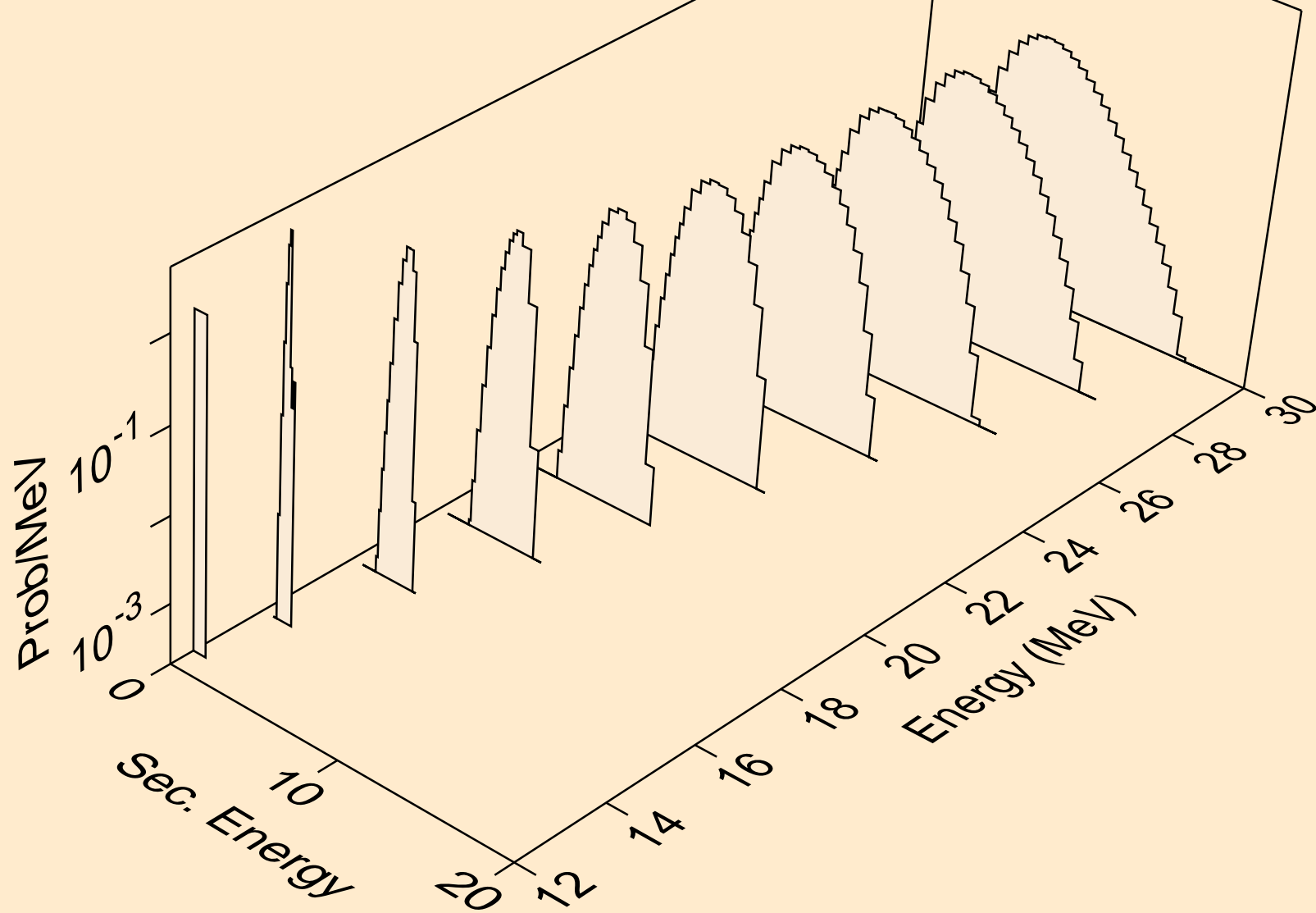




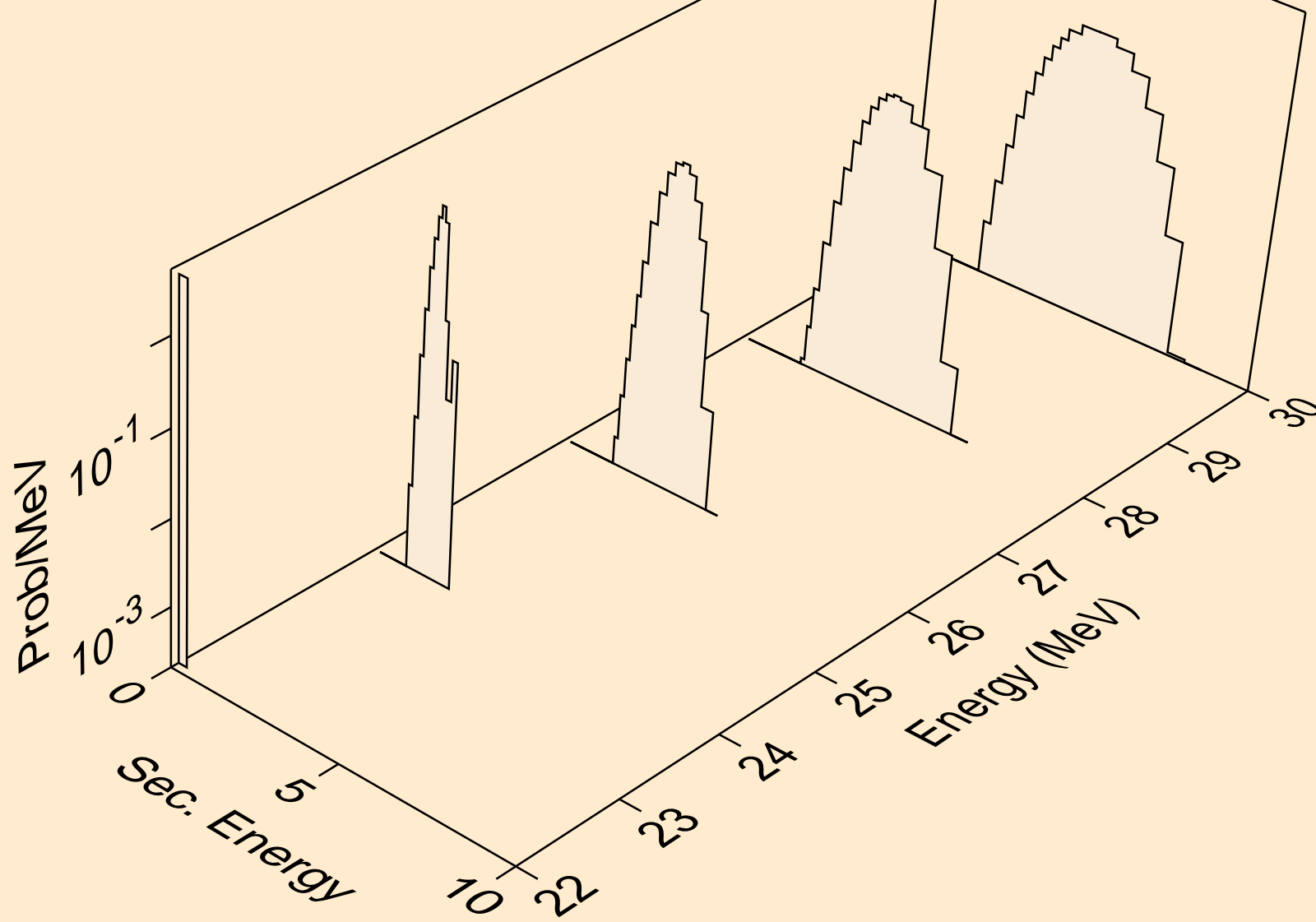
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



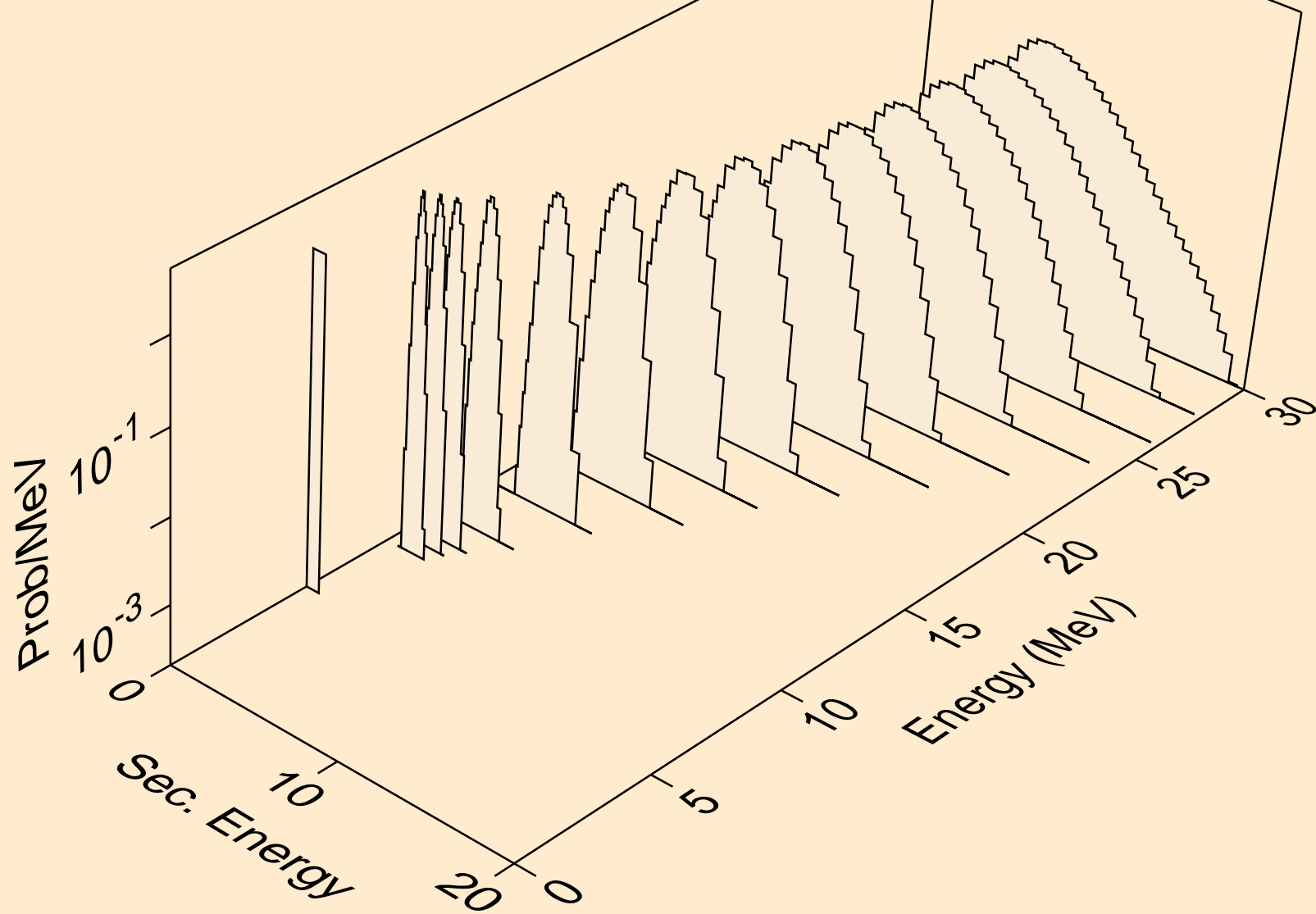
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protons from (n,2np)



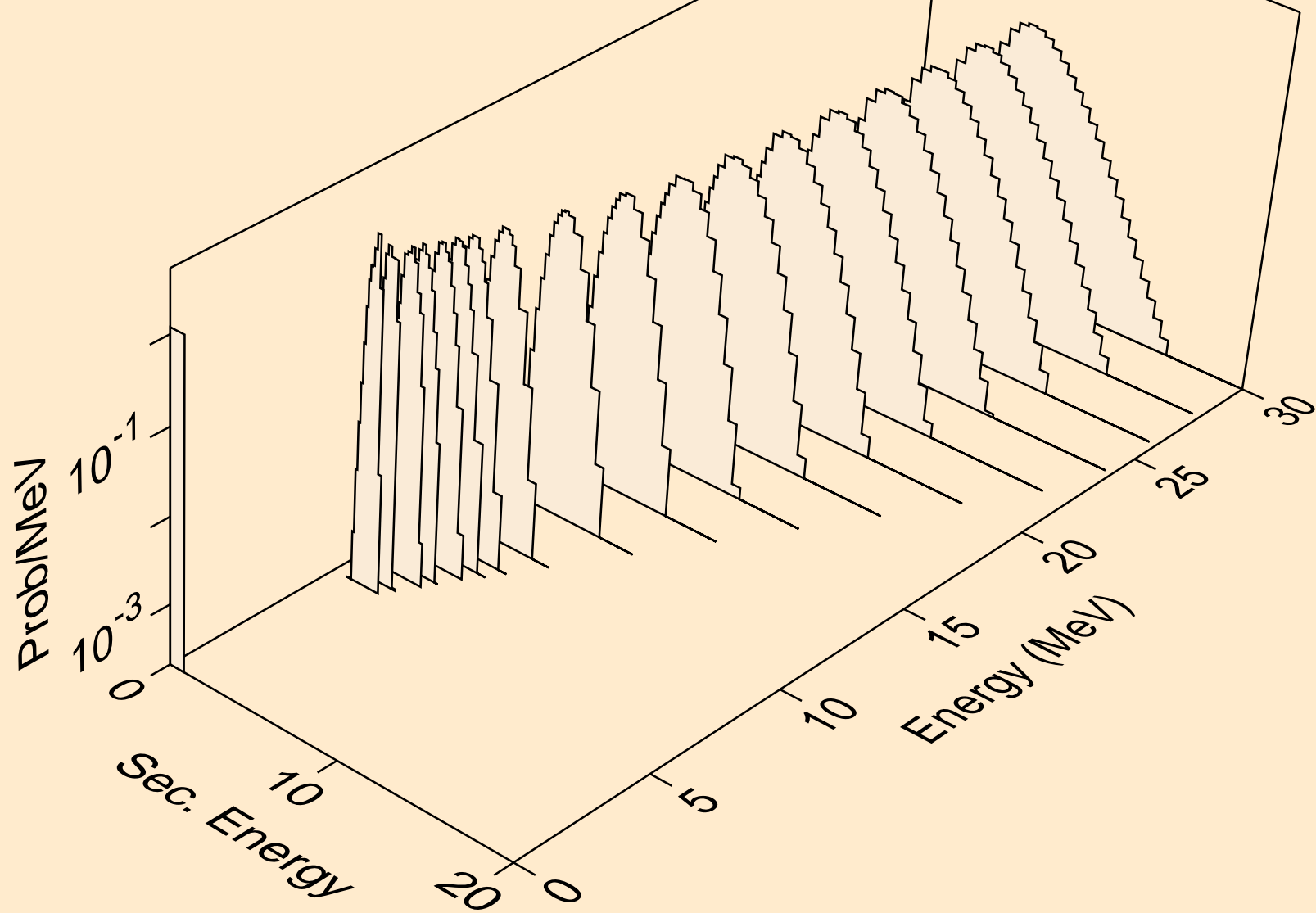
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protons from (n,3np)



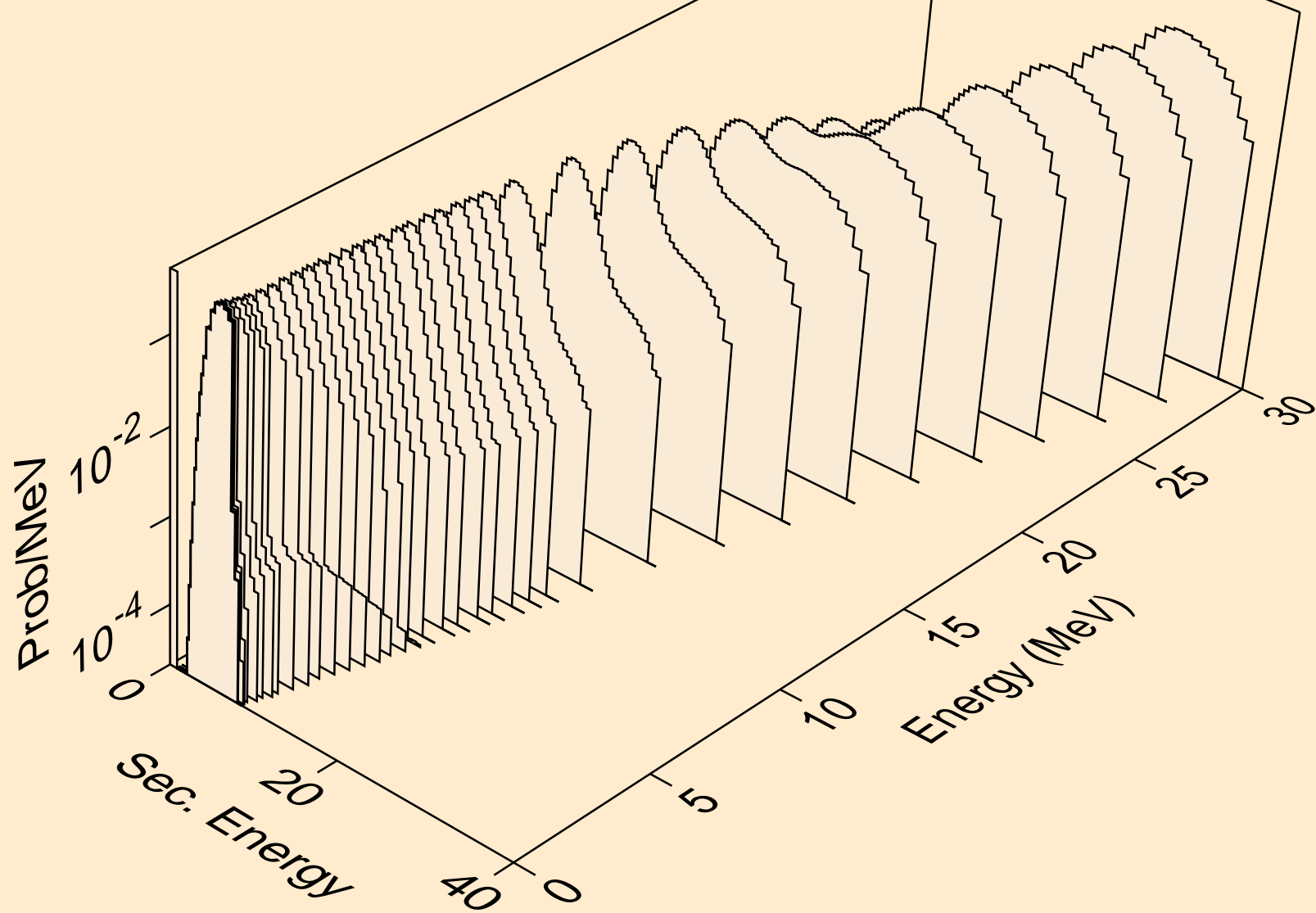
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protons from (n,n2p)



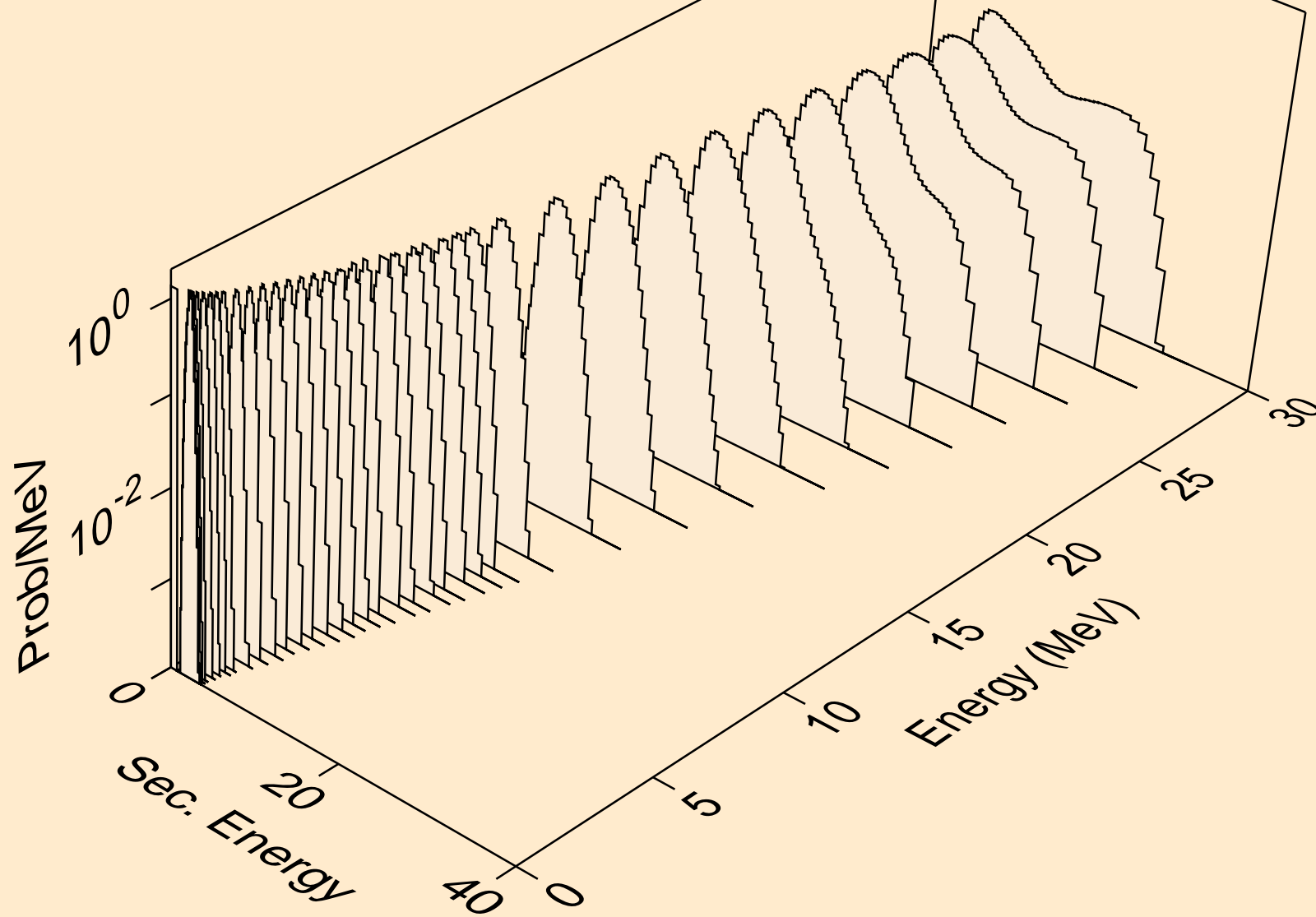
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protons from (n,npa)



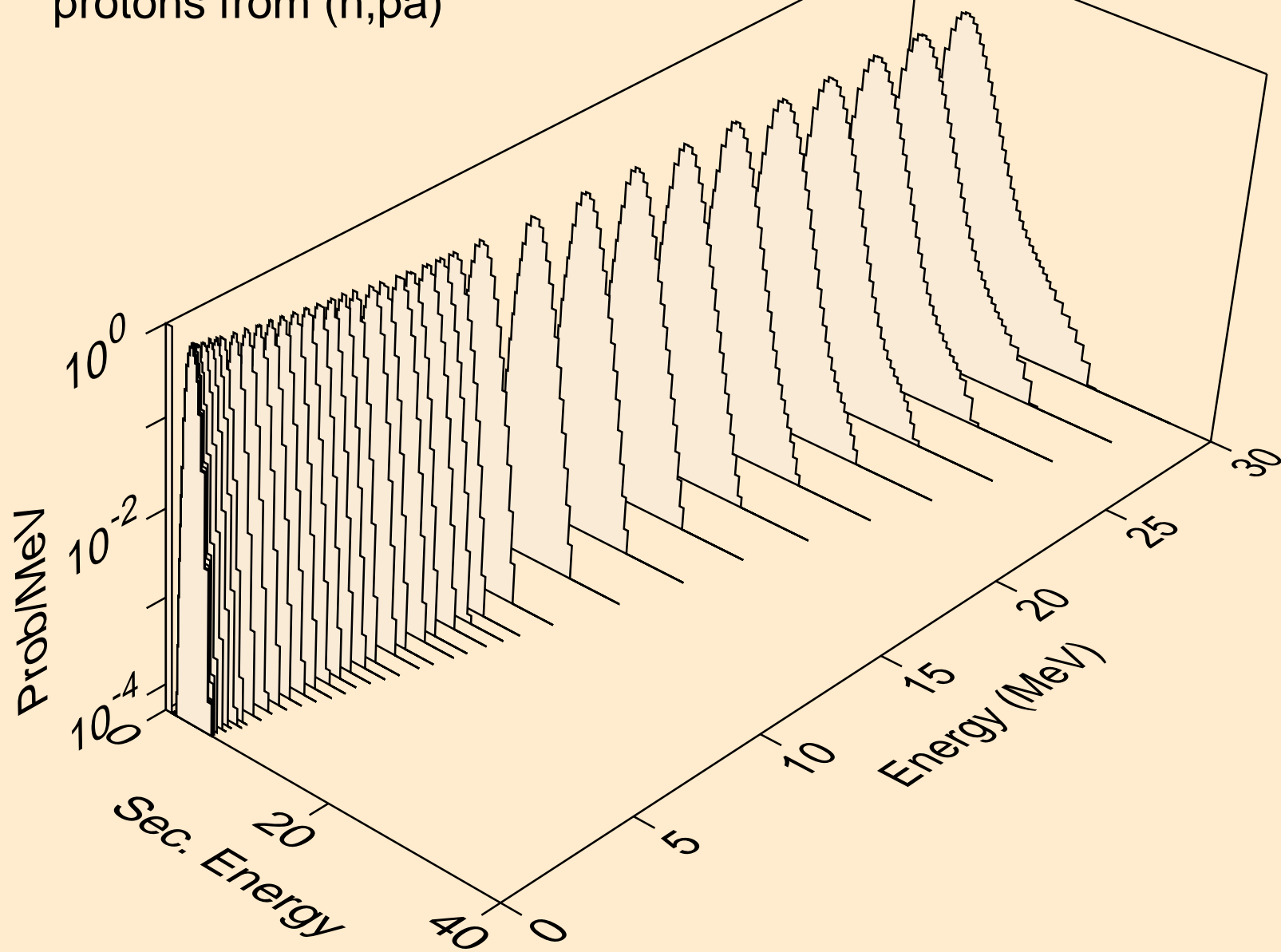
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

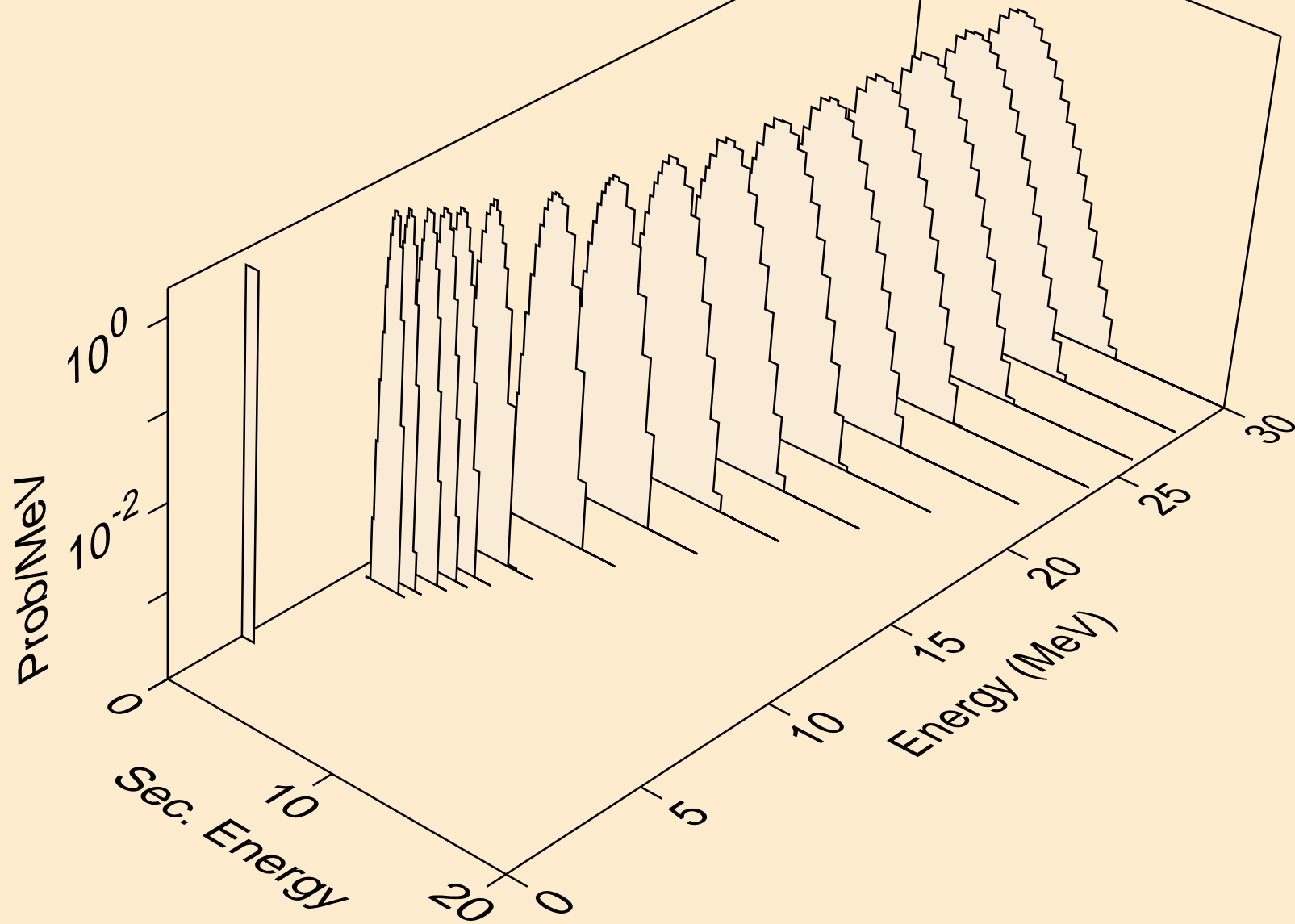


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protons from (n,p)

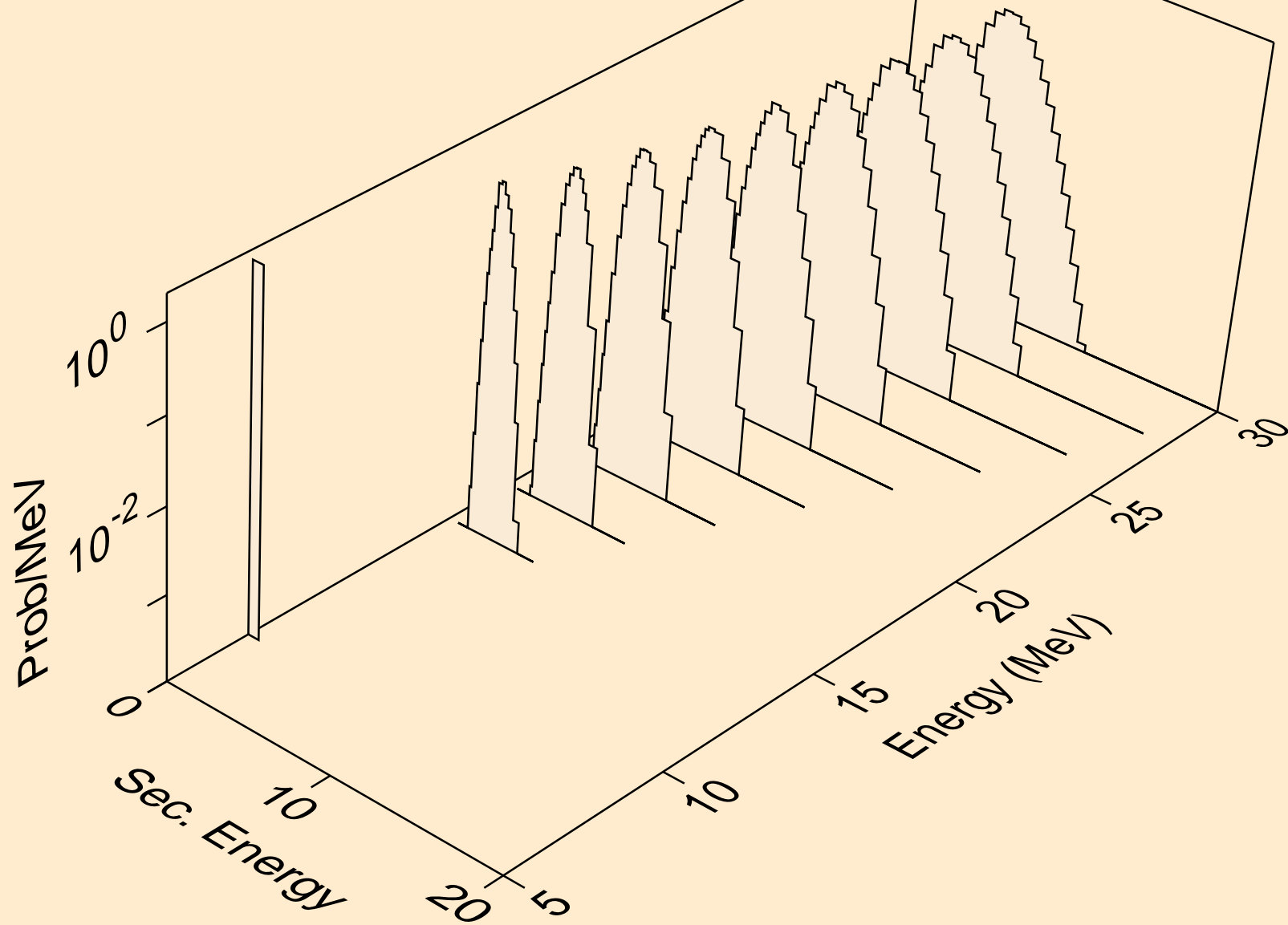




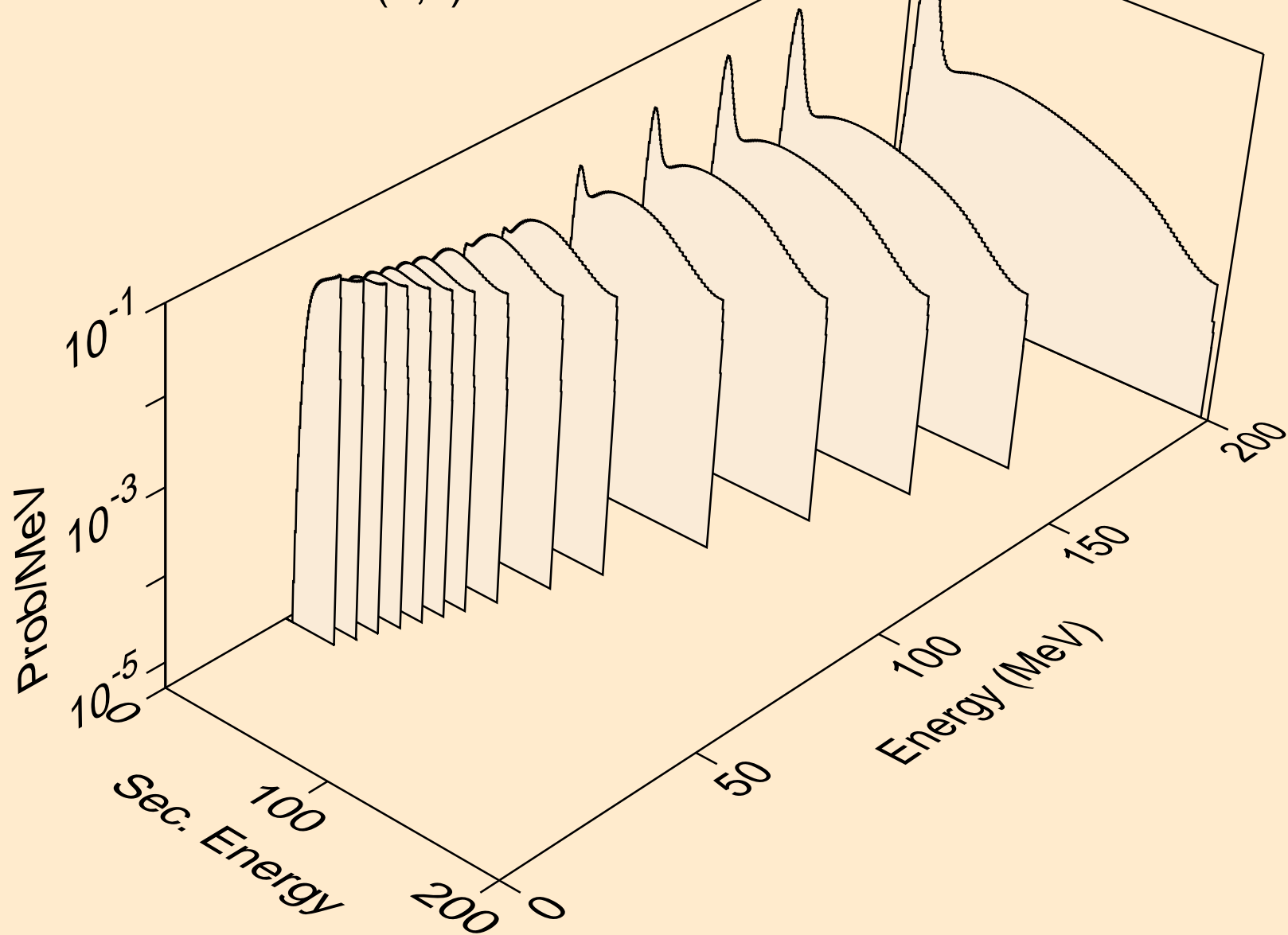
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



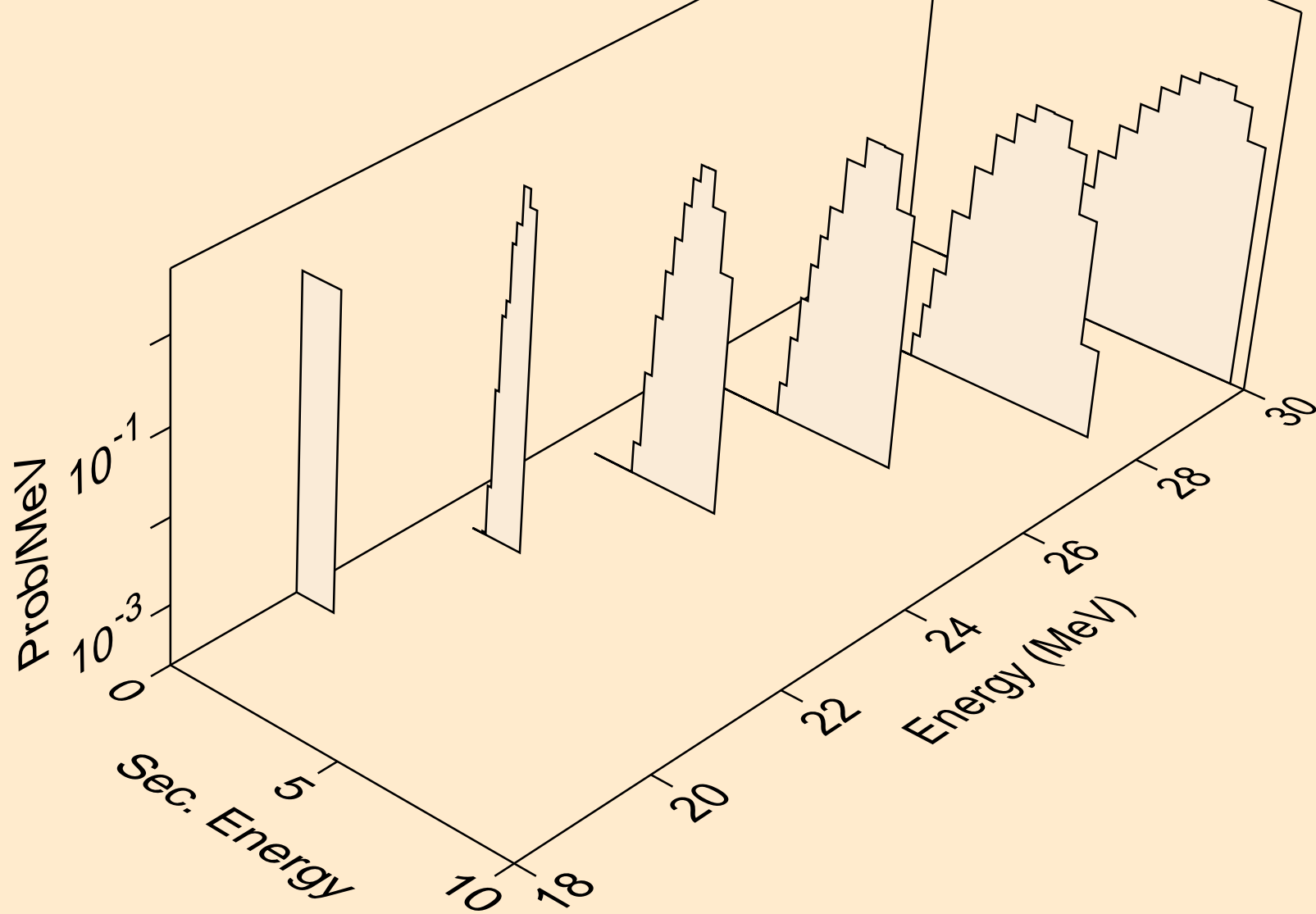
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protons from (n,pt)



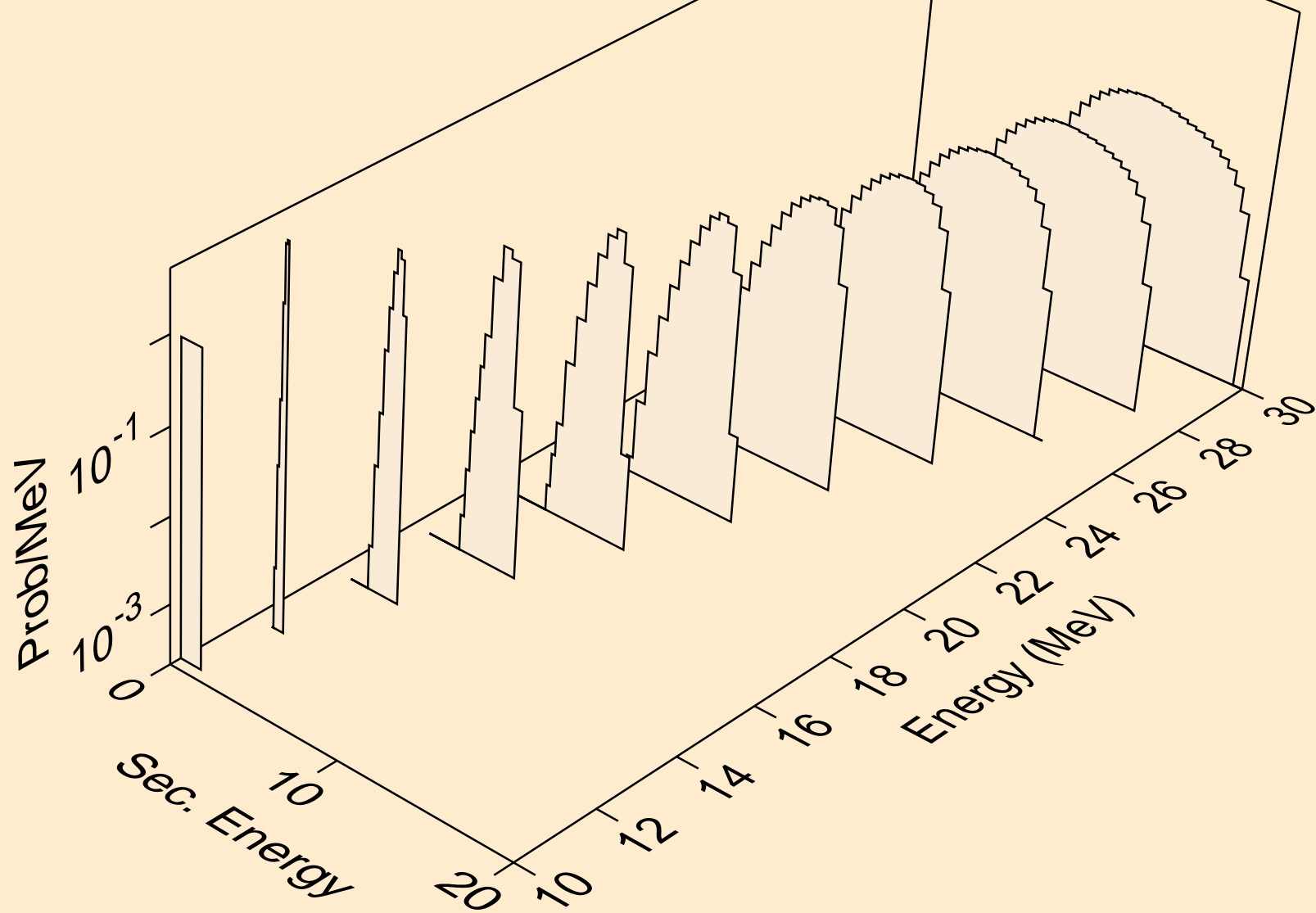
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deuterons from (n,x)



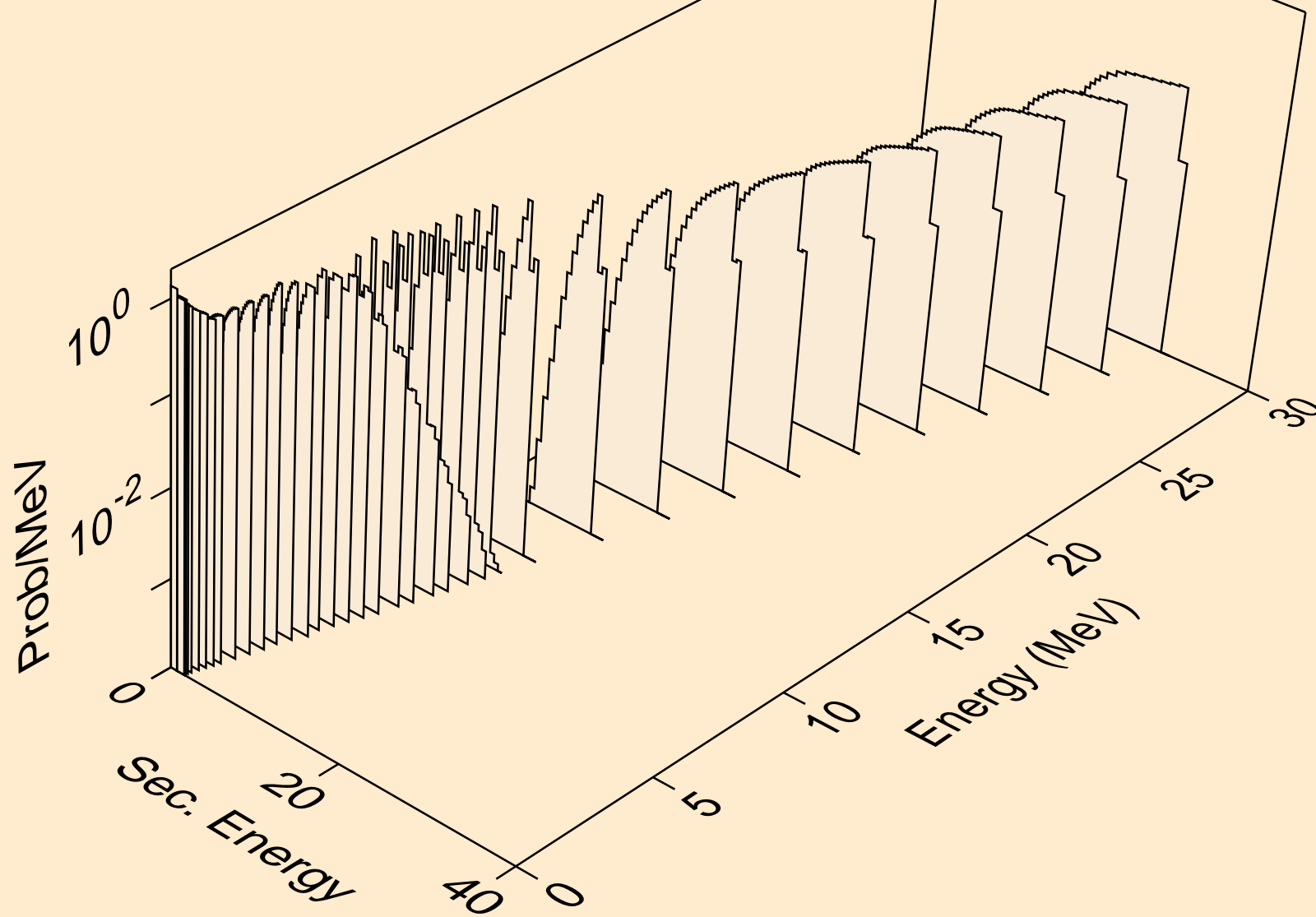
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deuterons from (n,2nd)



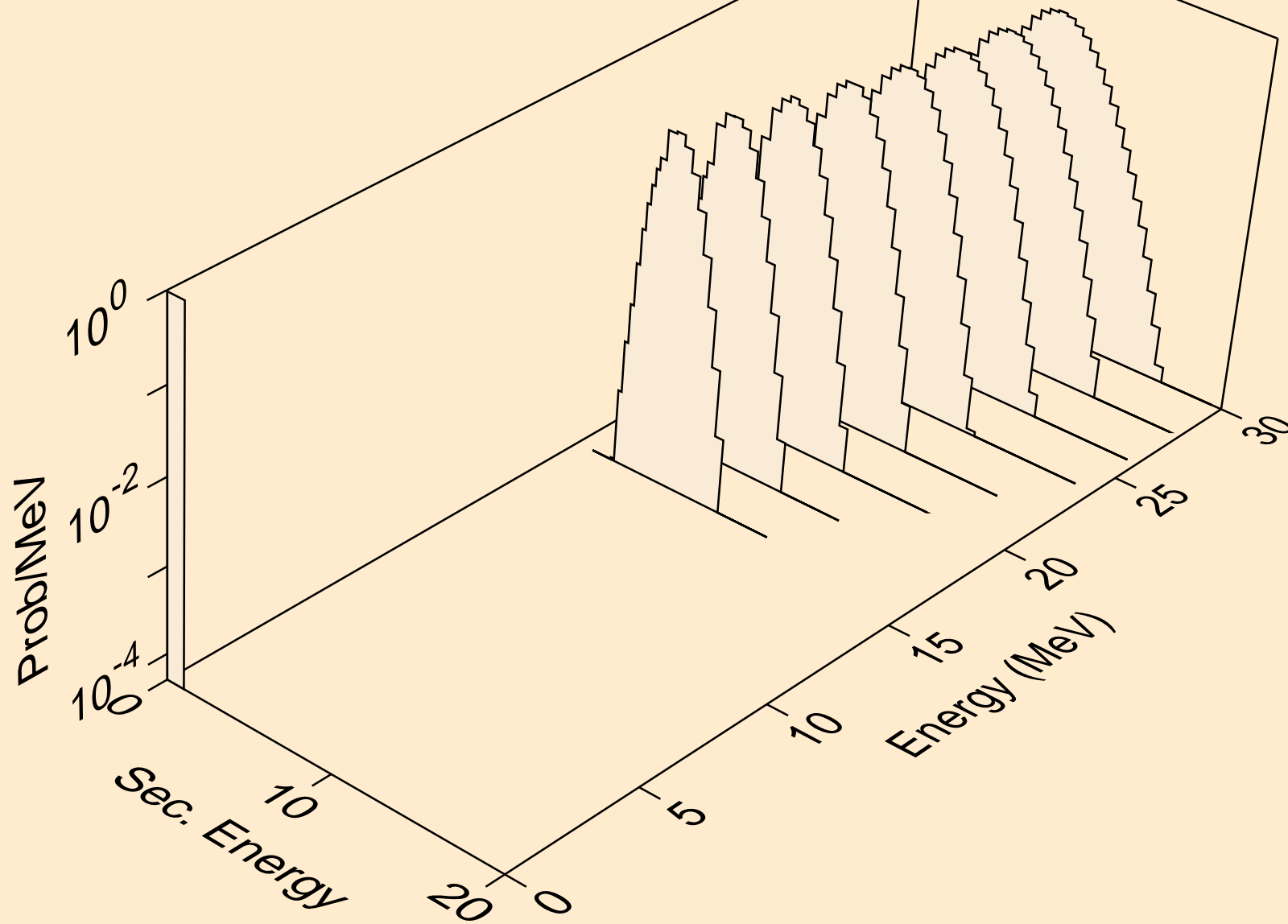
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deuterons from (n,n\*)d



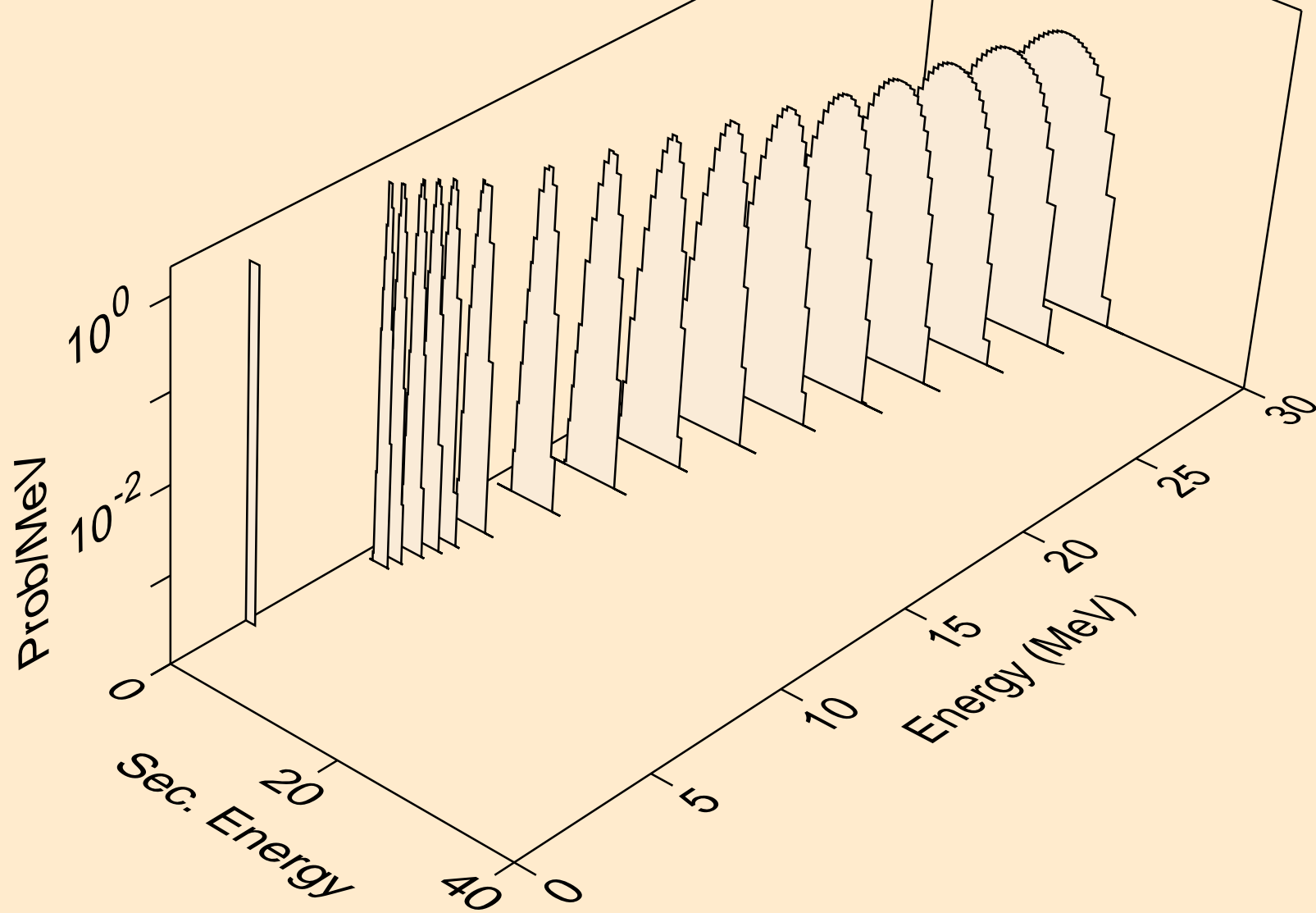
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deuterons from (n,d)



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)

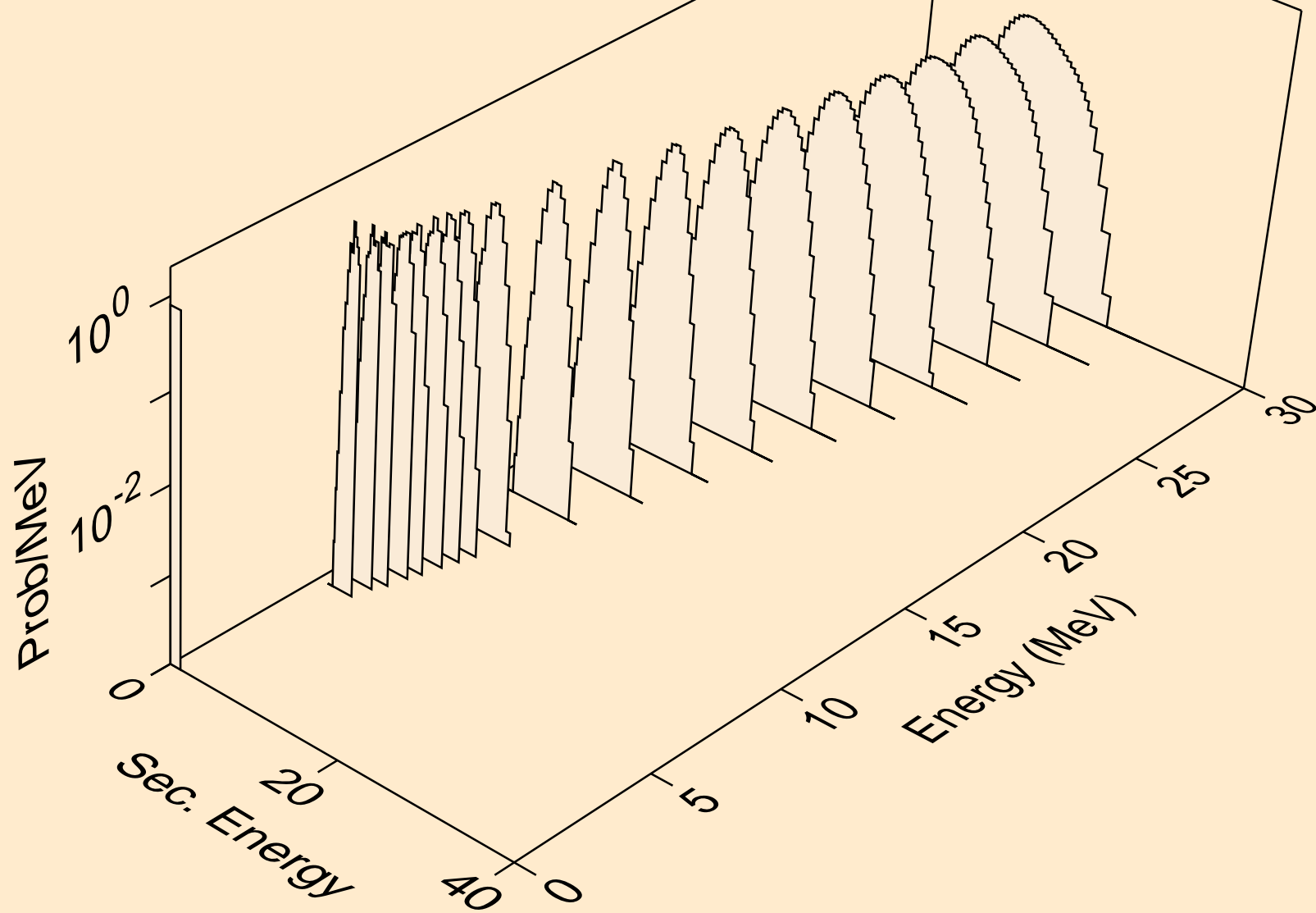


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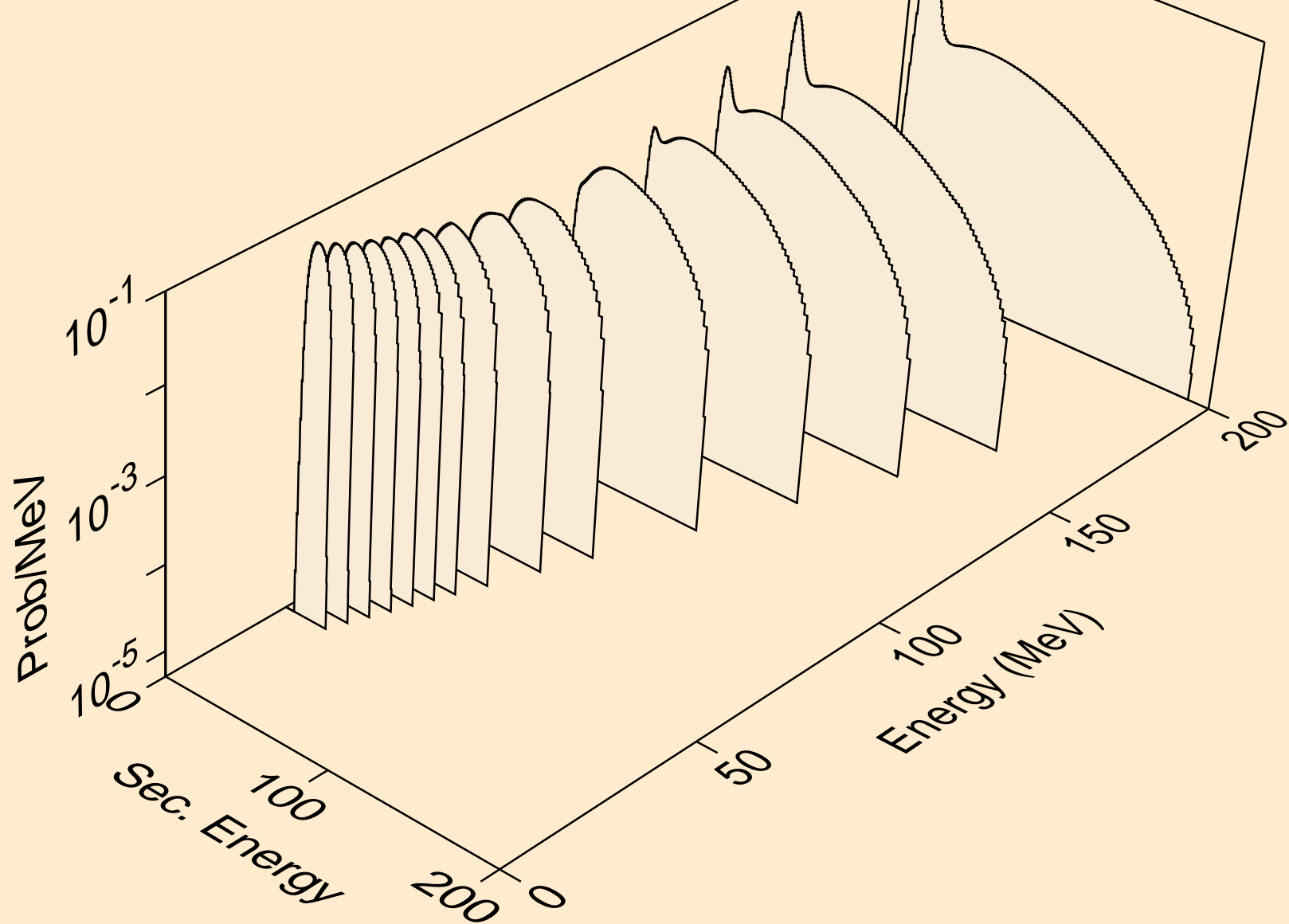




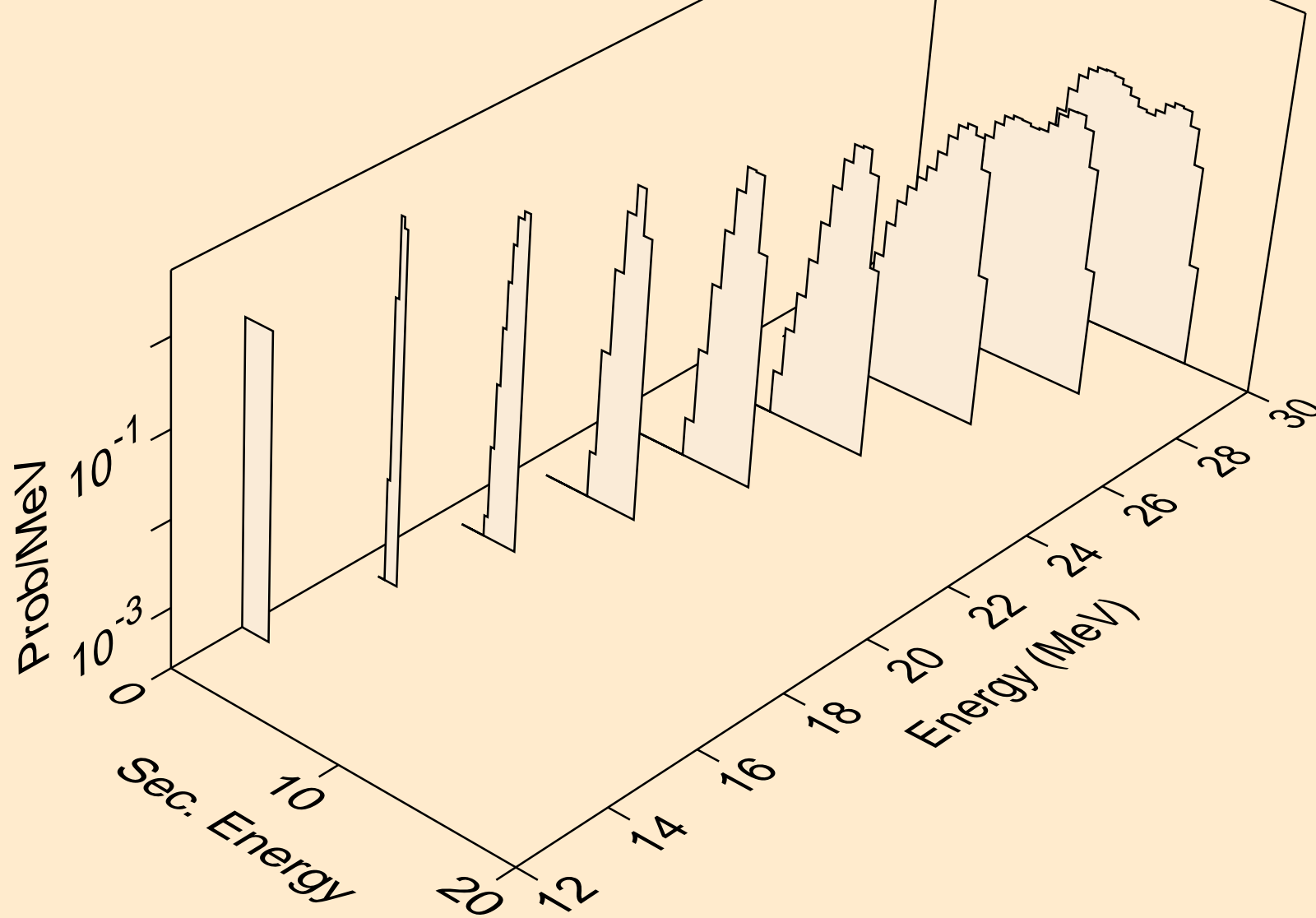
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deuterons from (n,da)



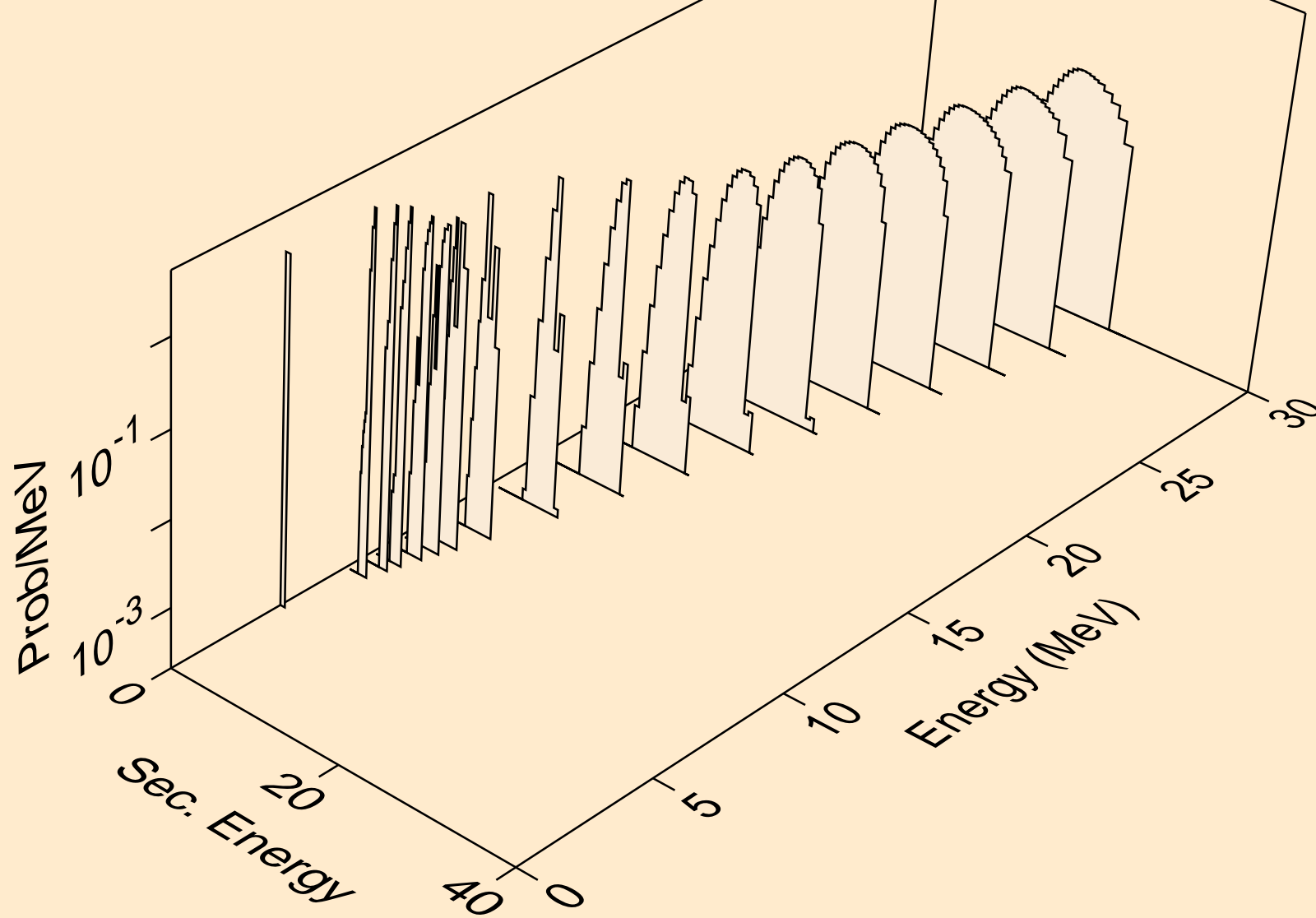
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tritons from (n,x)



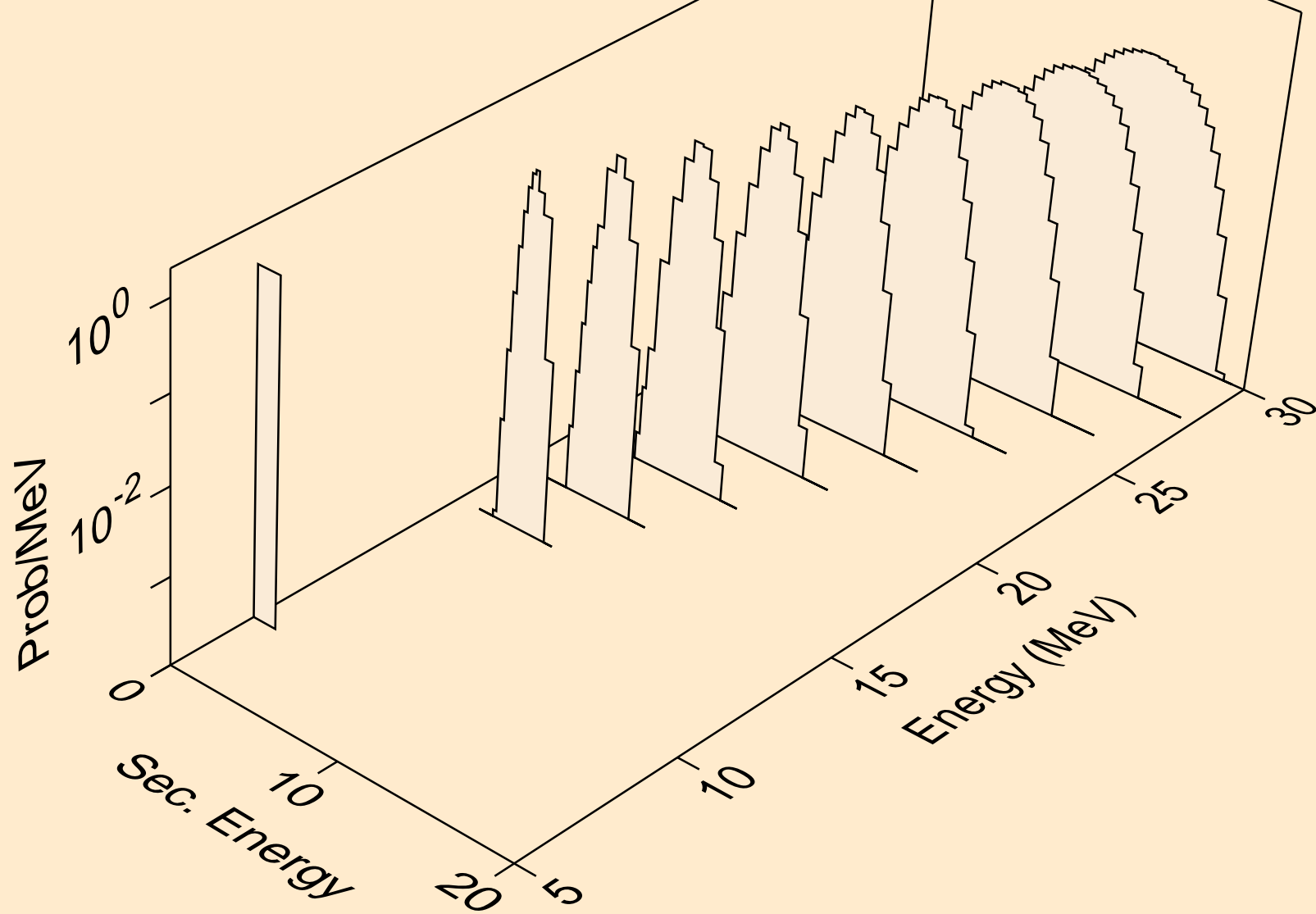
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tritons from (n,n\*)t



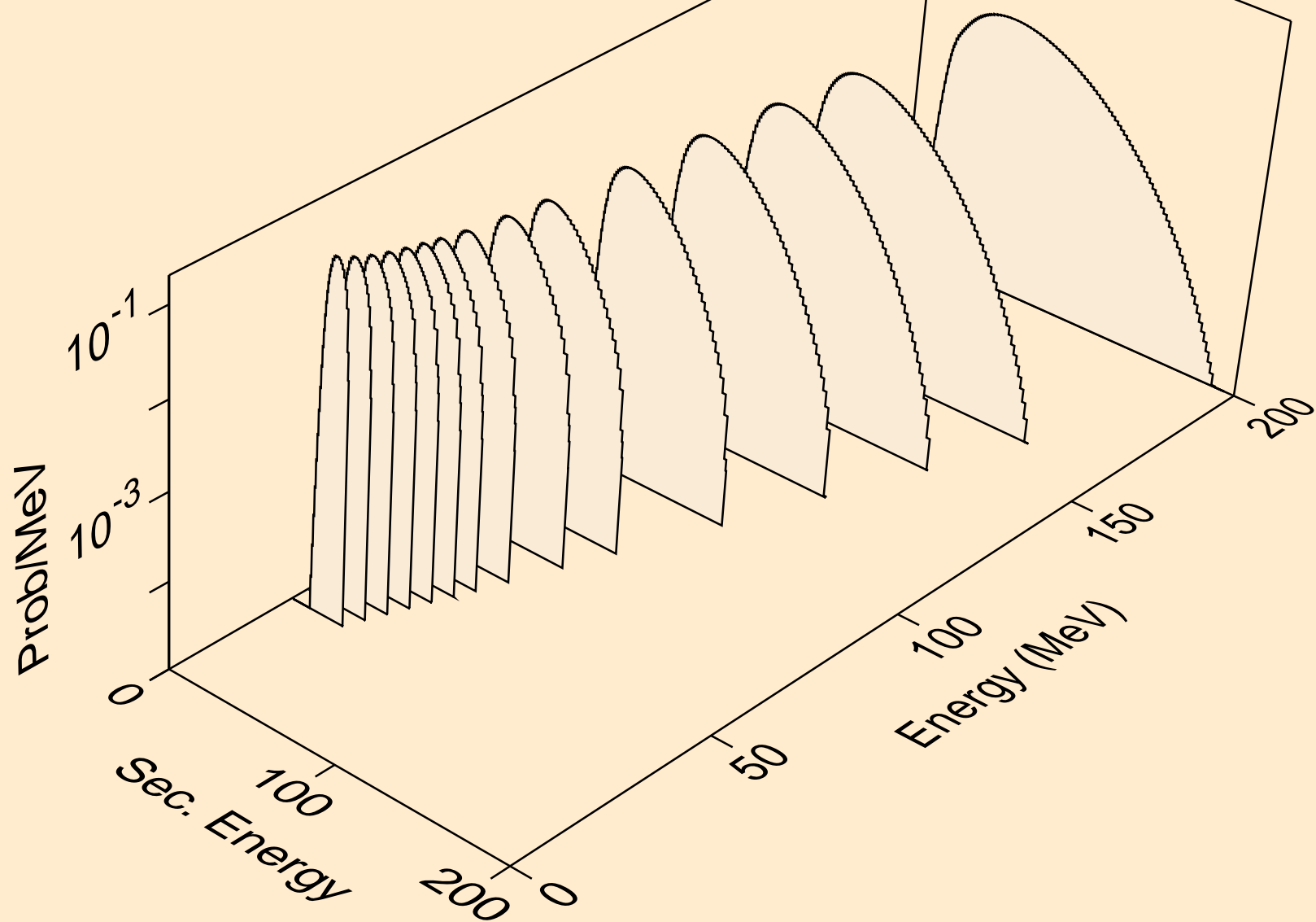
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tritons from (n,t)



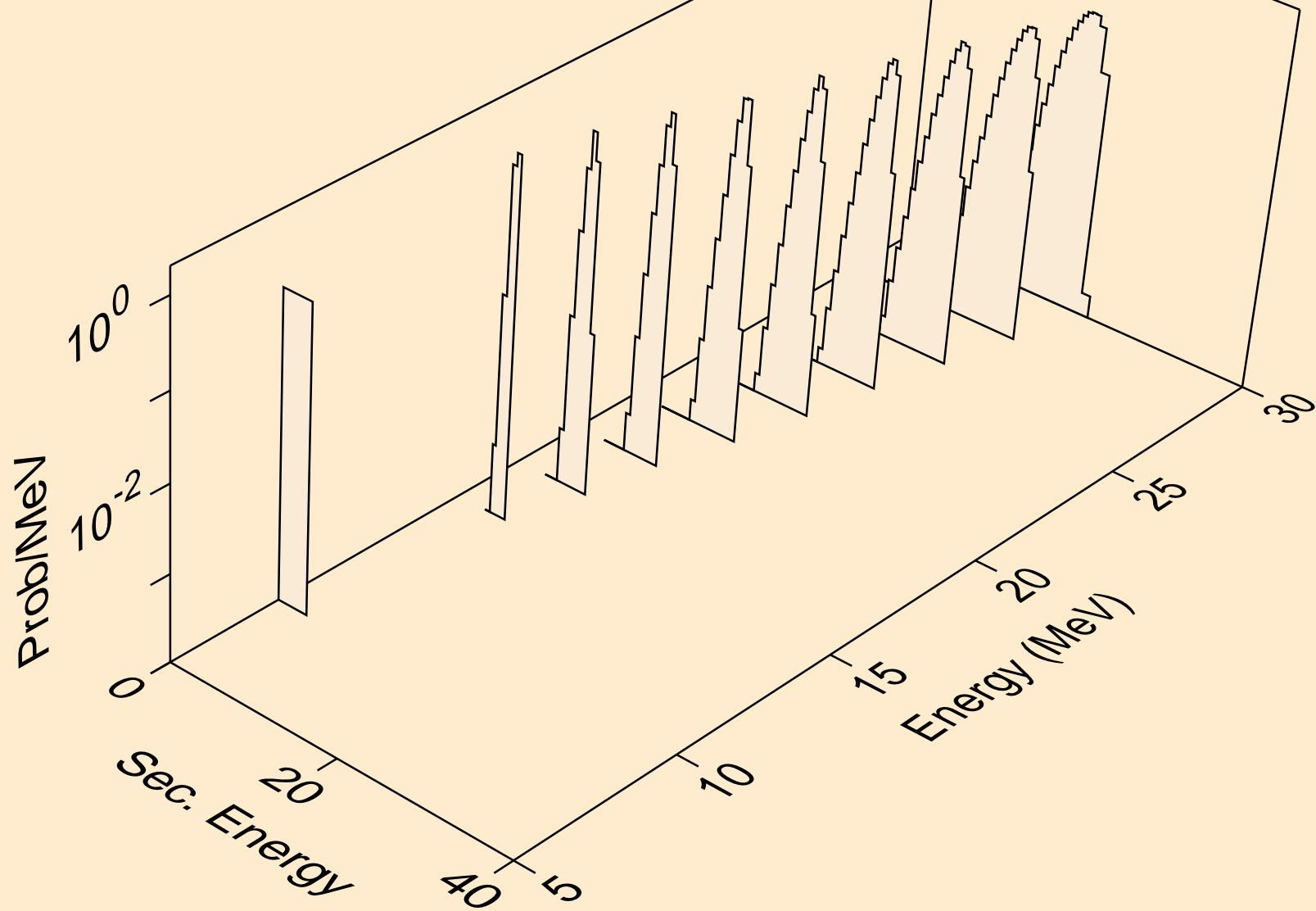
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tritons from (n,pt)



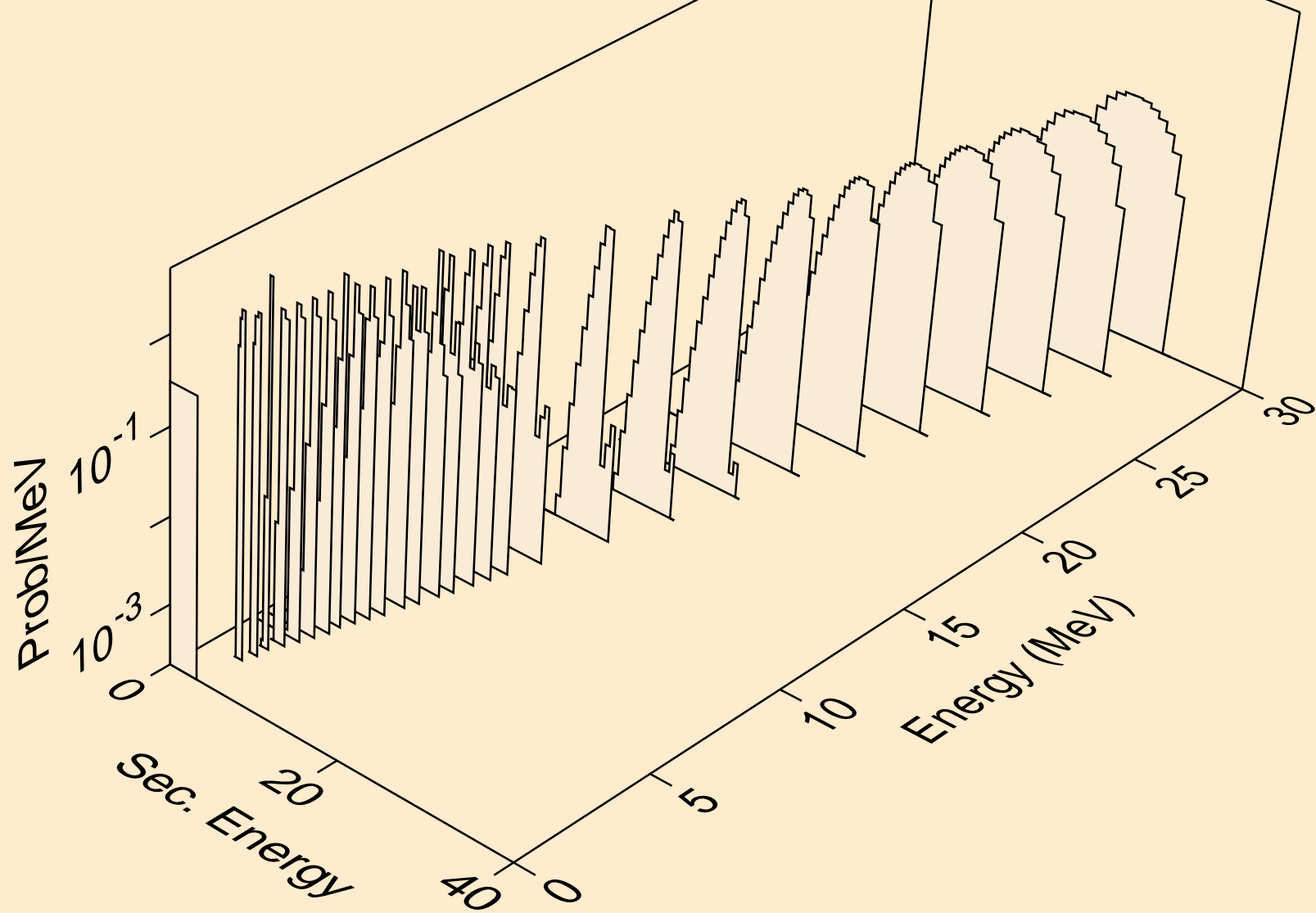
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

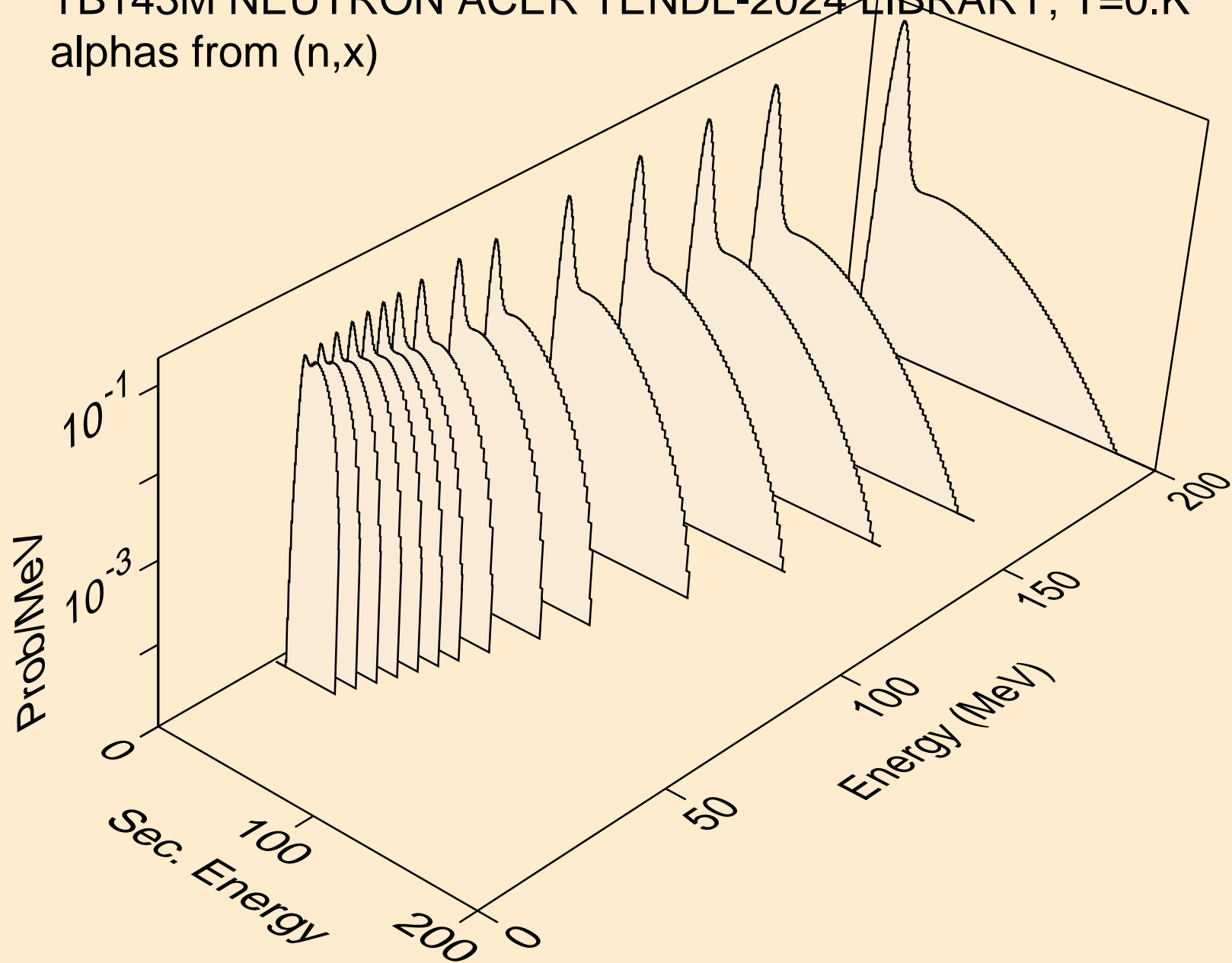


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he3s from (n,he3)

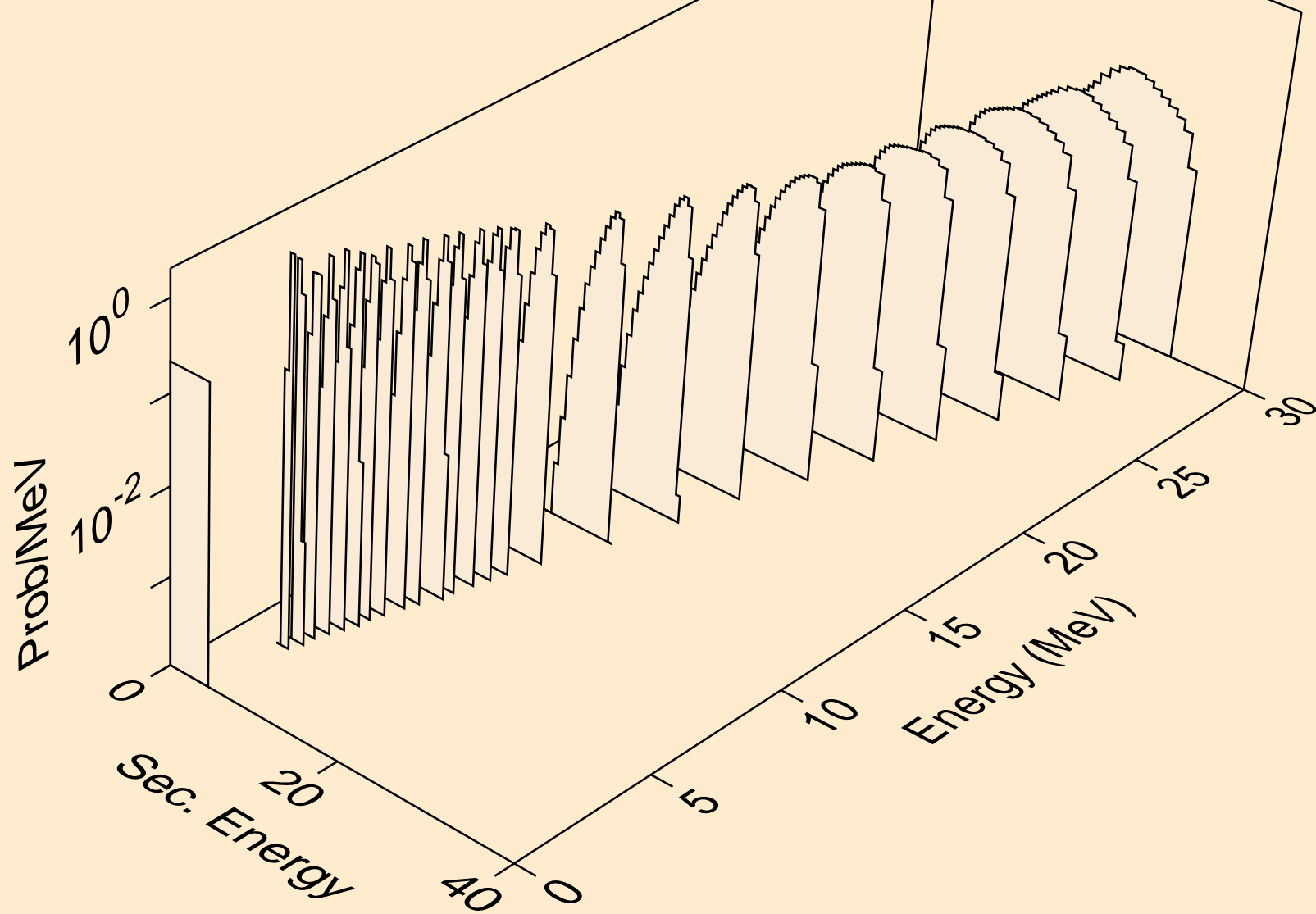




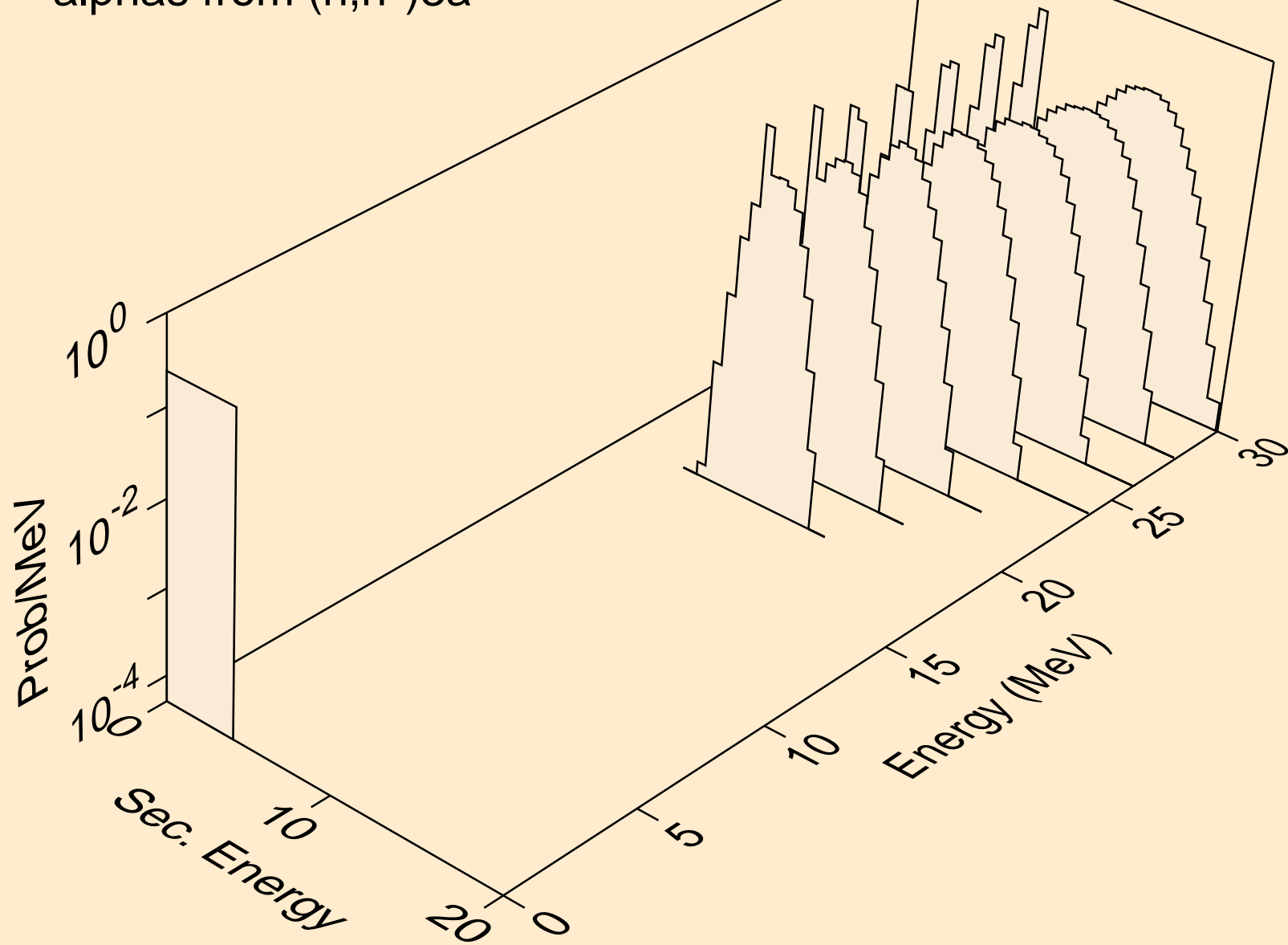
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



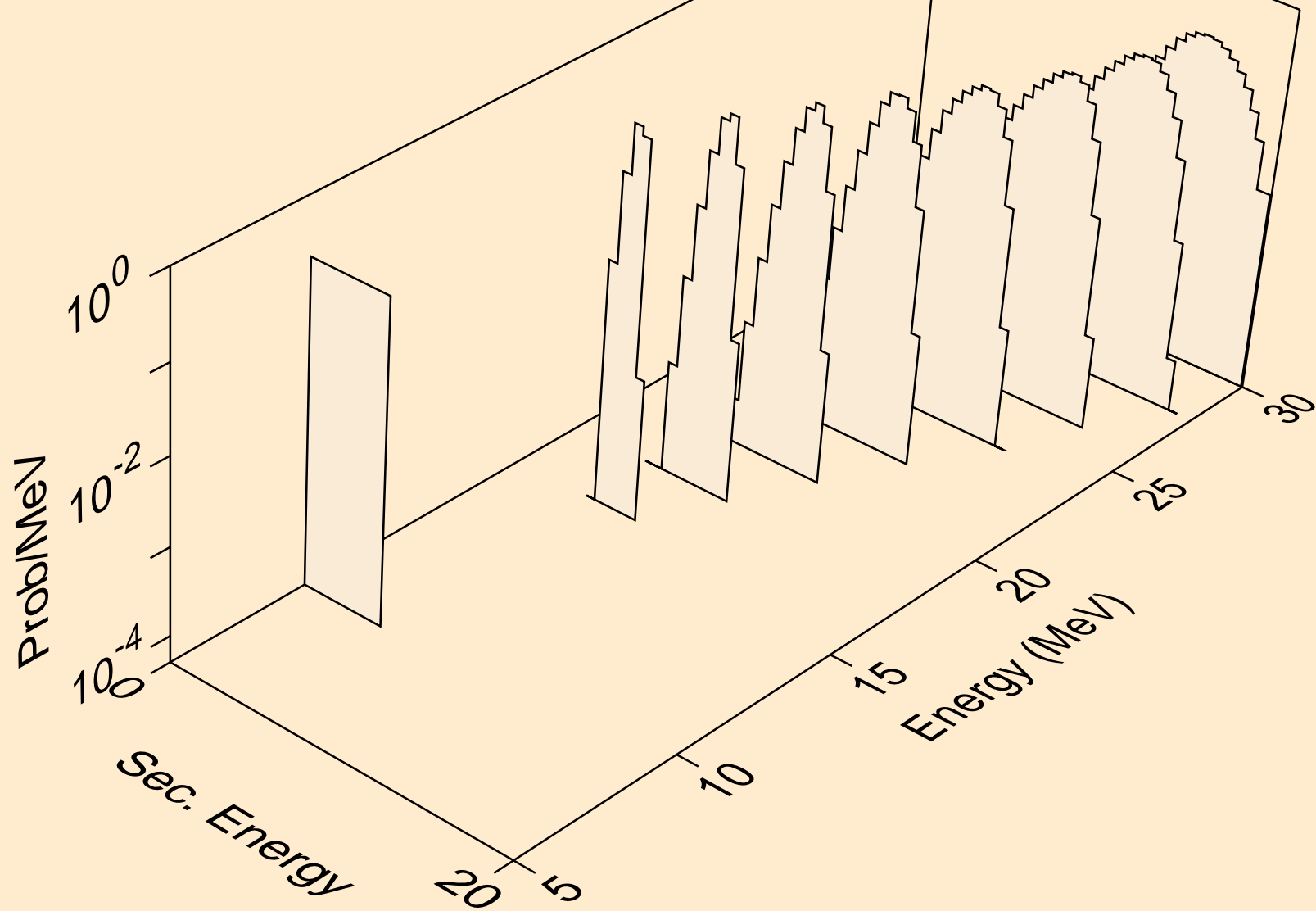
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alphas from (n,n\*)a



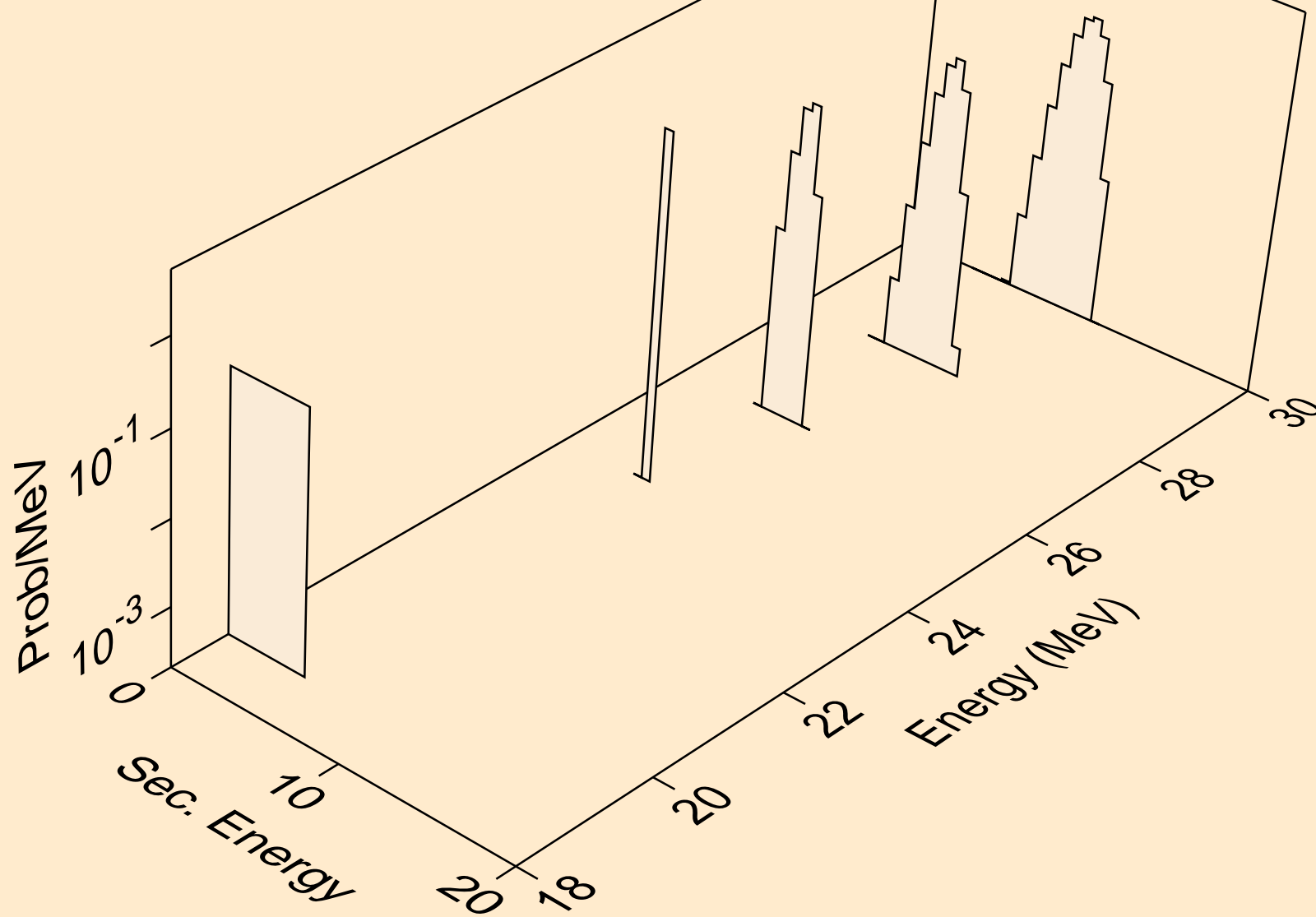
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)3a



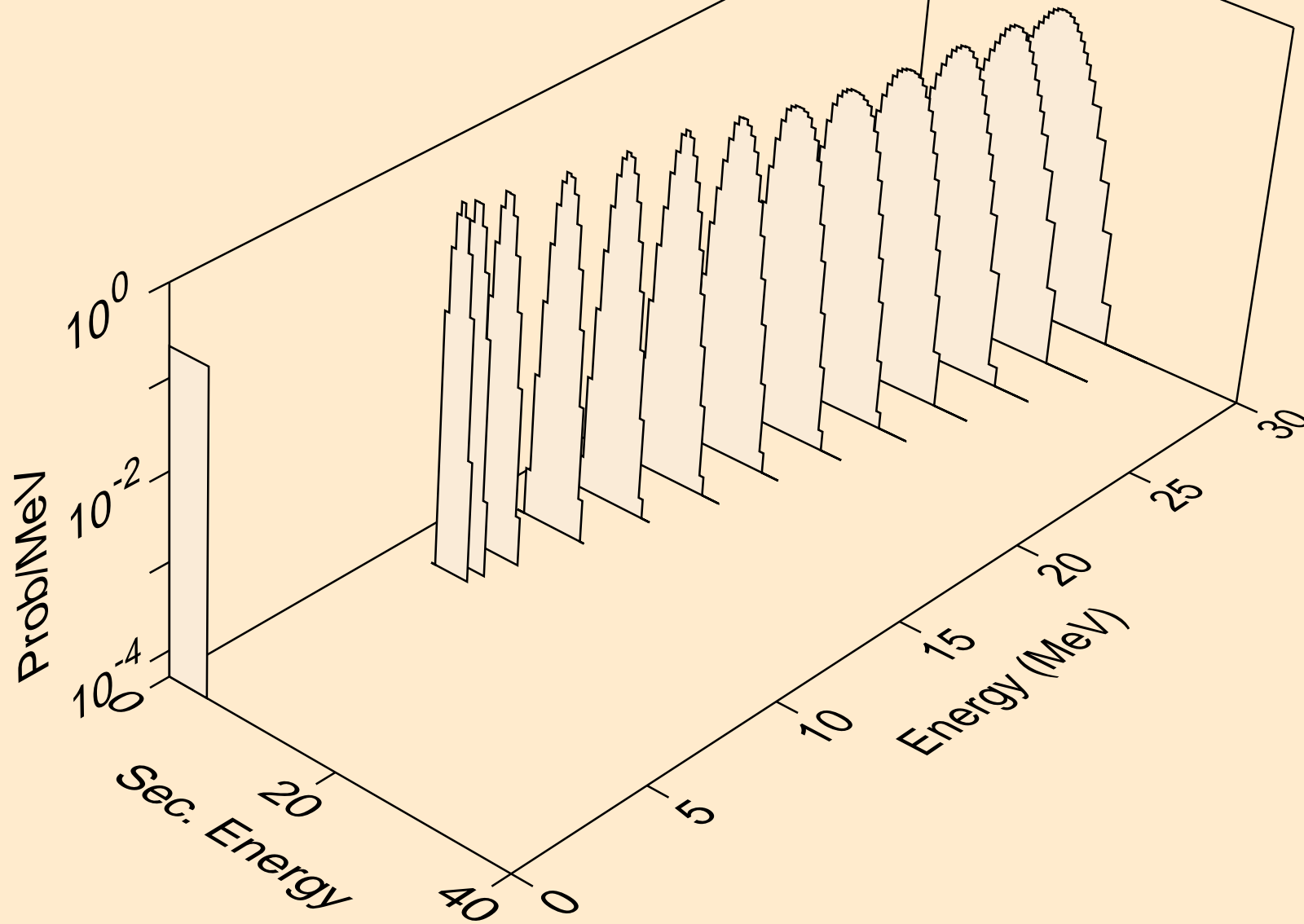
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alphas from (n,2n)a



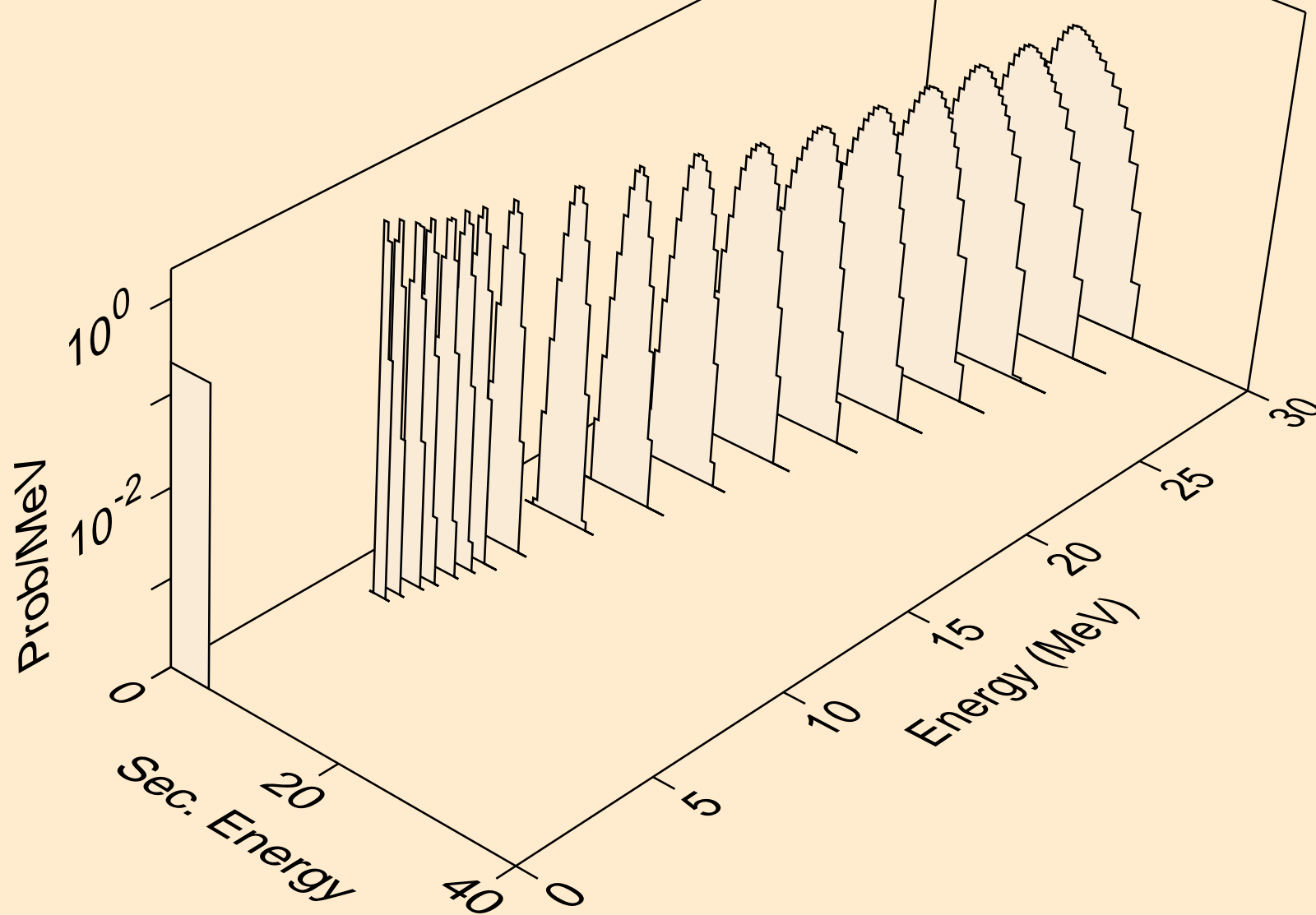
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alphas from (n,3n)a



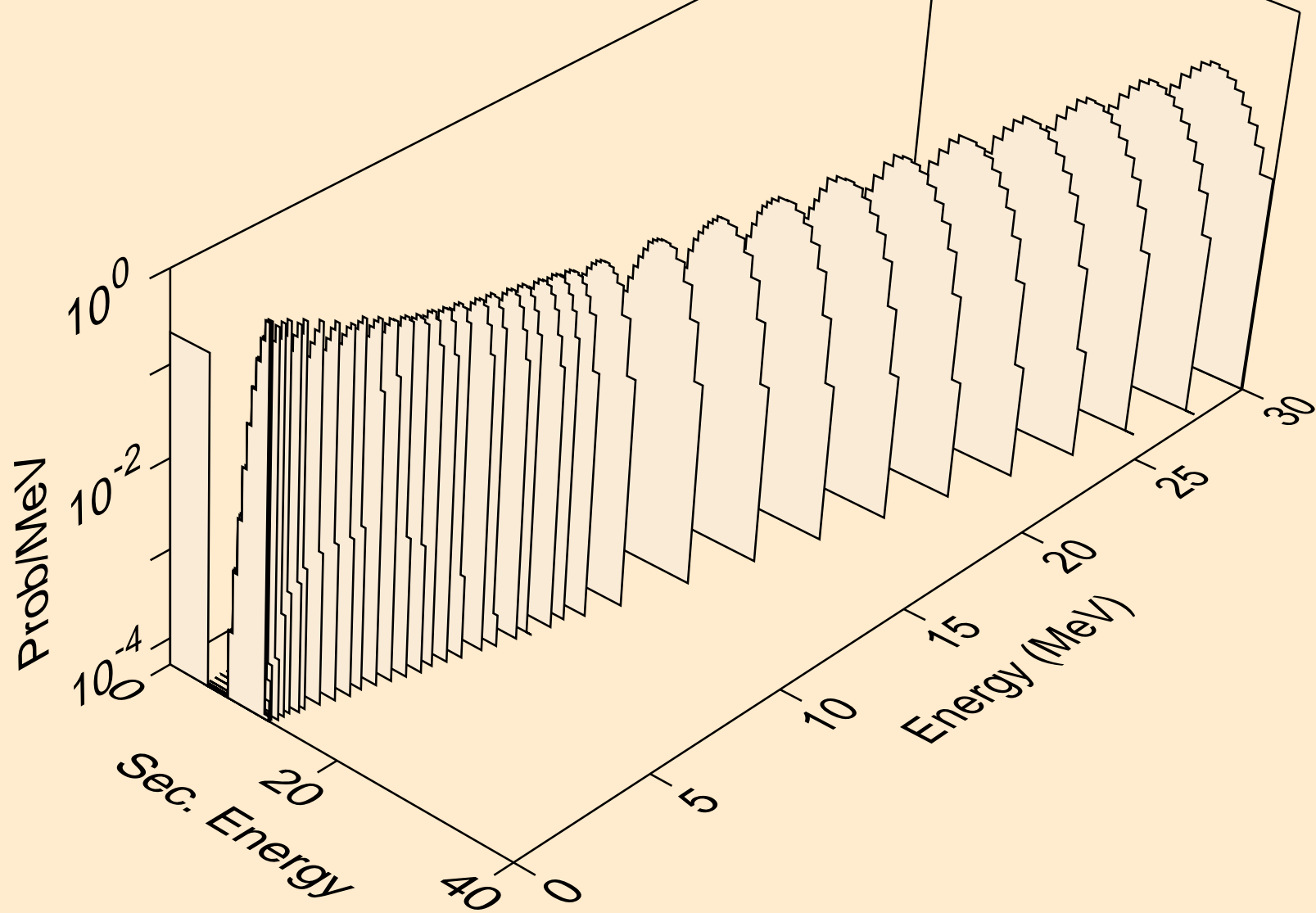
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alphas from (n,n\*)2a



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

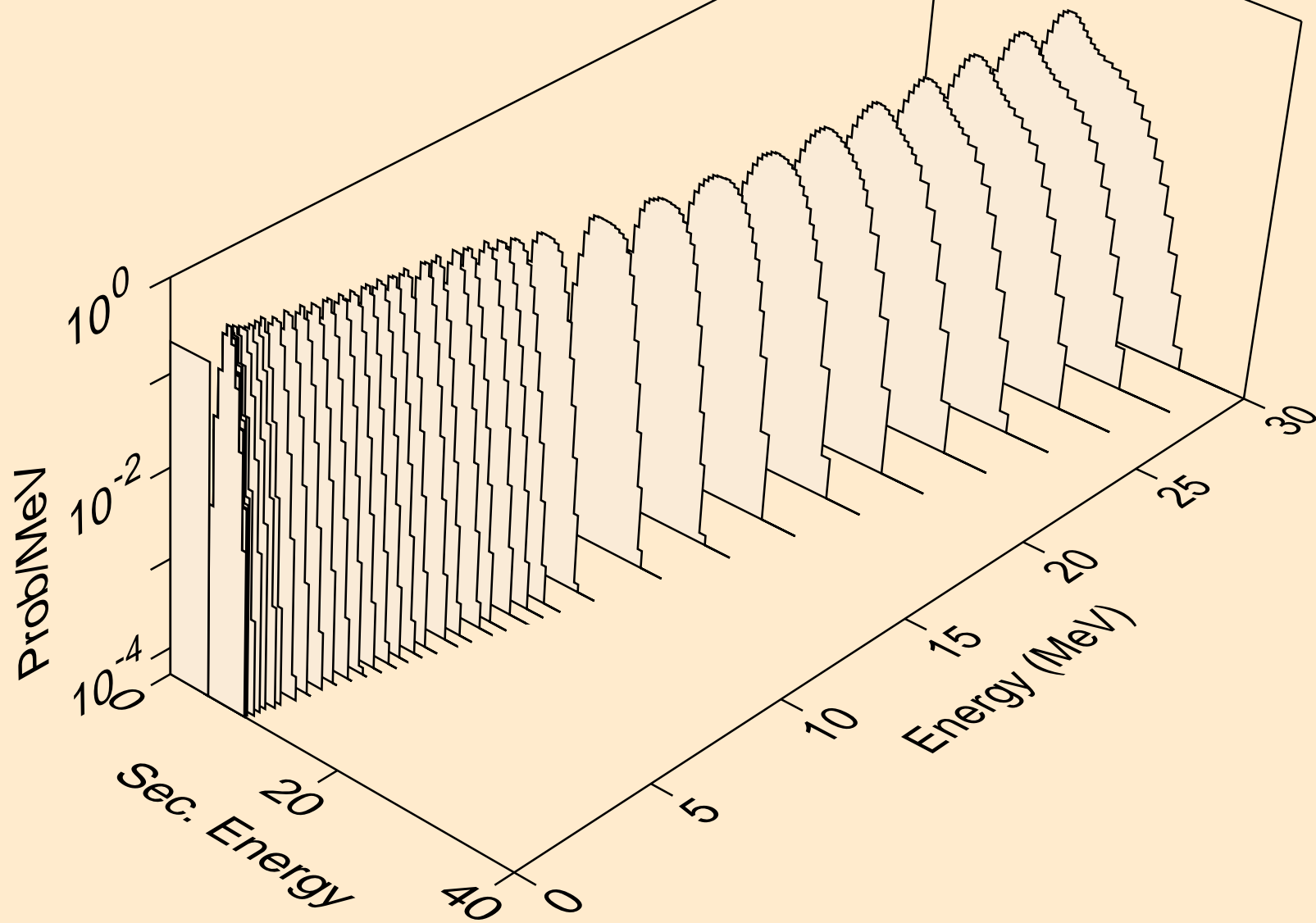


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alphas from (n,a)

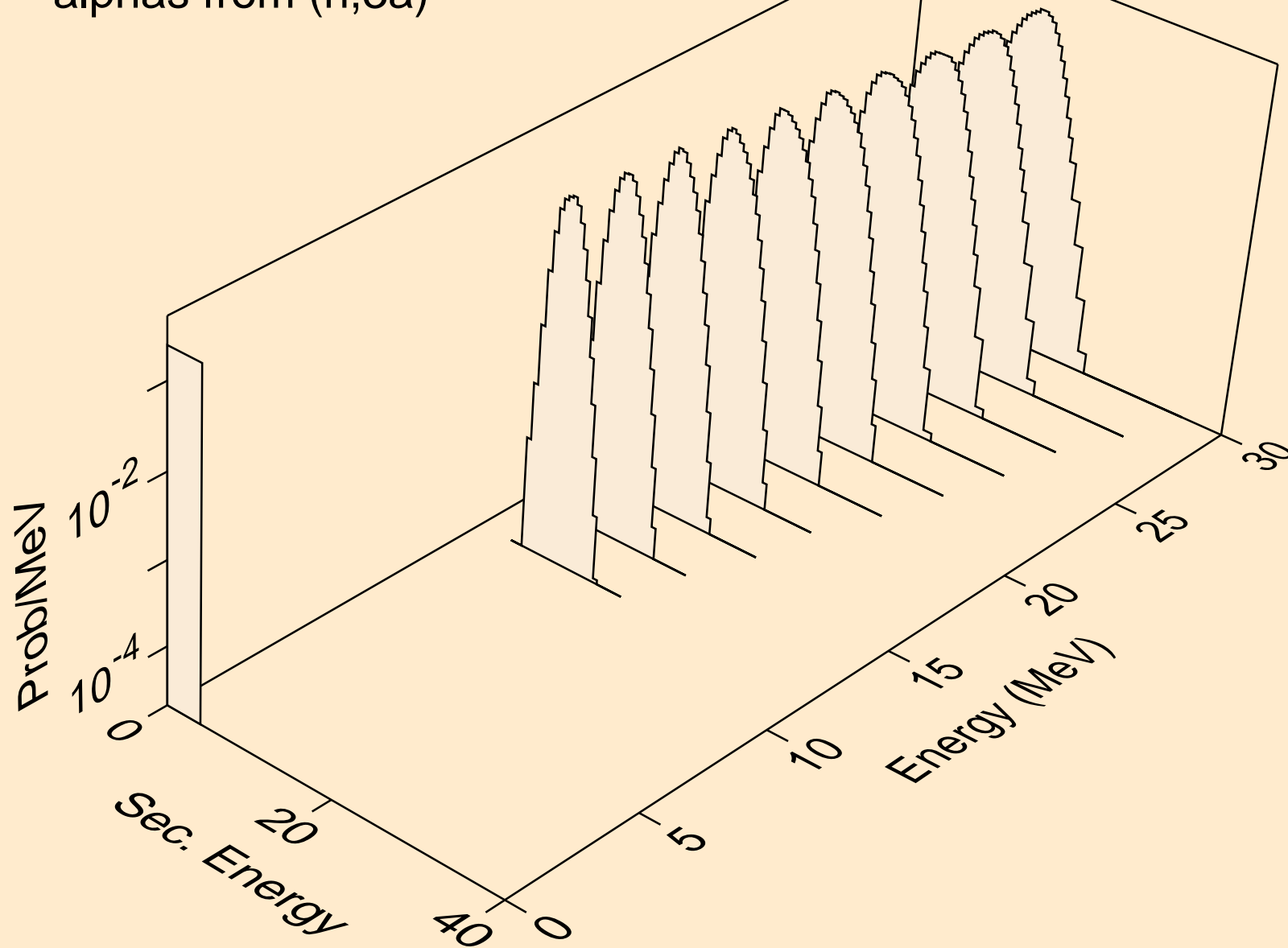




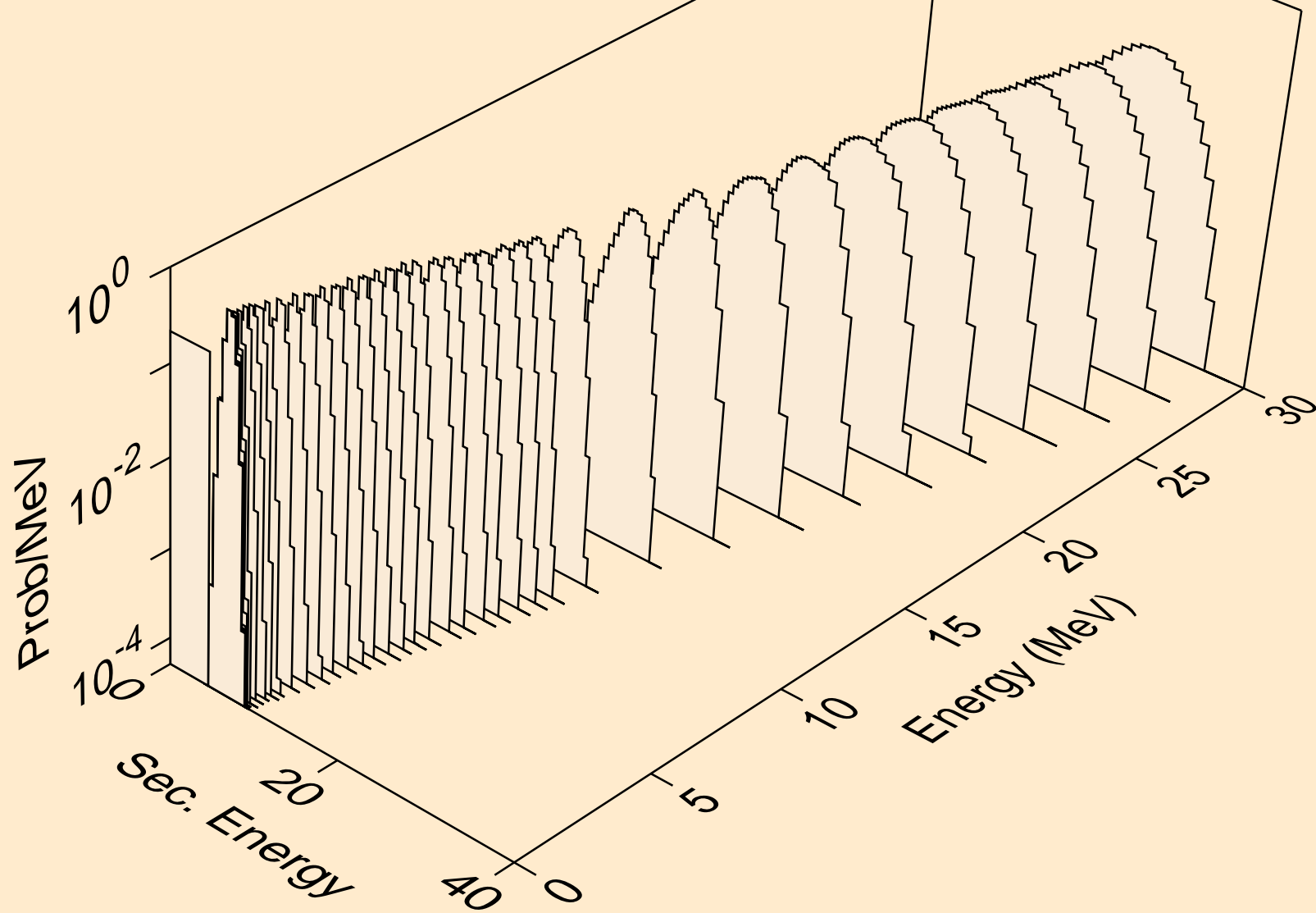
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alphas from (n,2a)



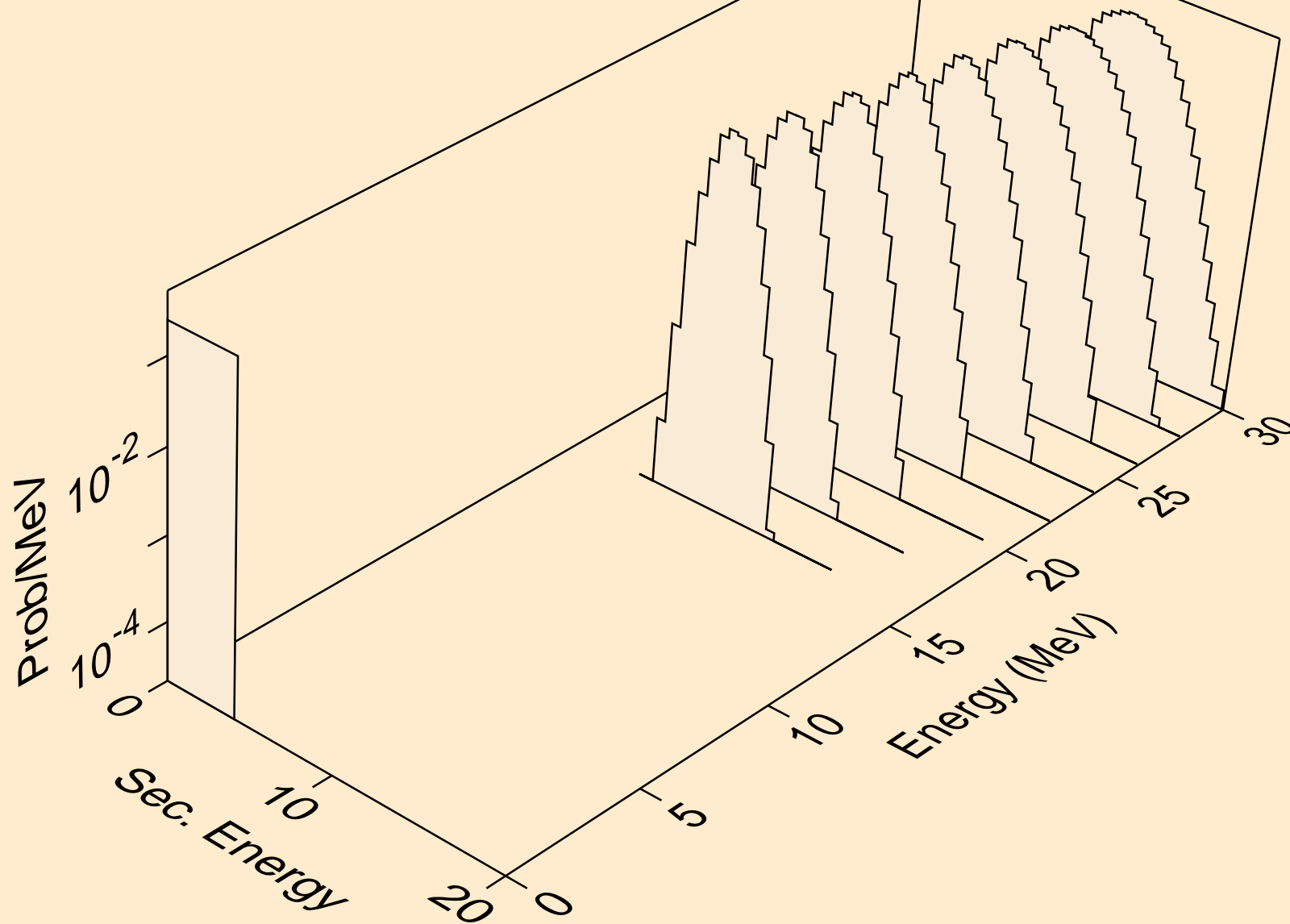
TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



TB143M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

