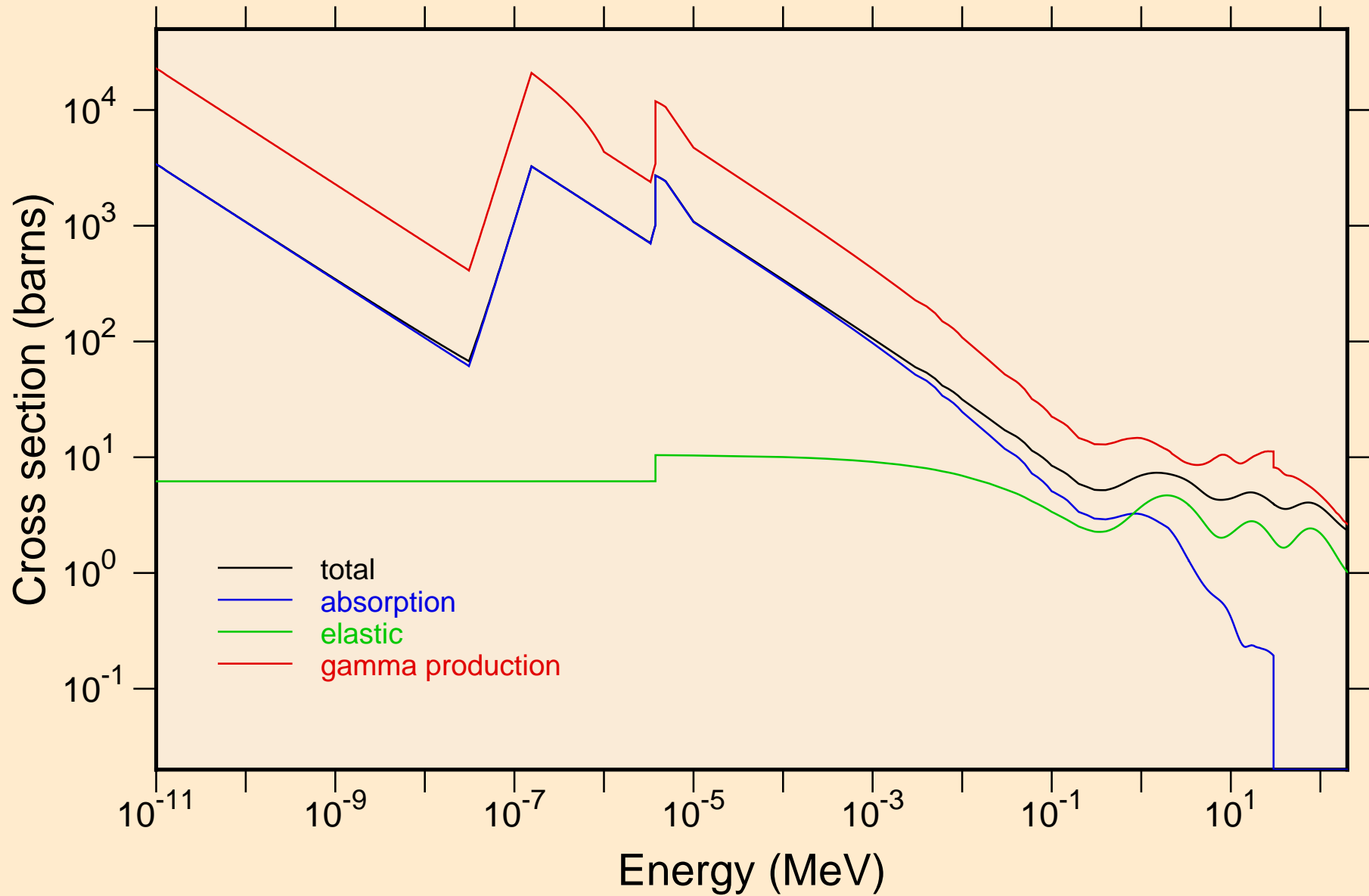


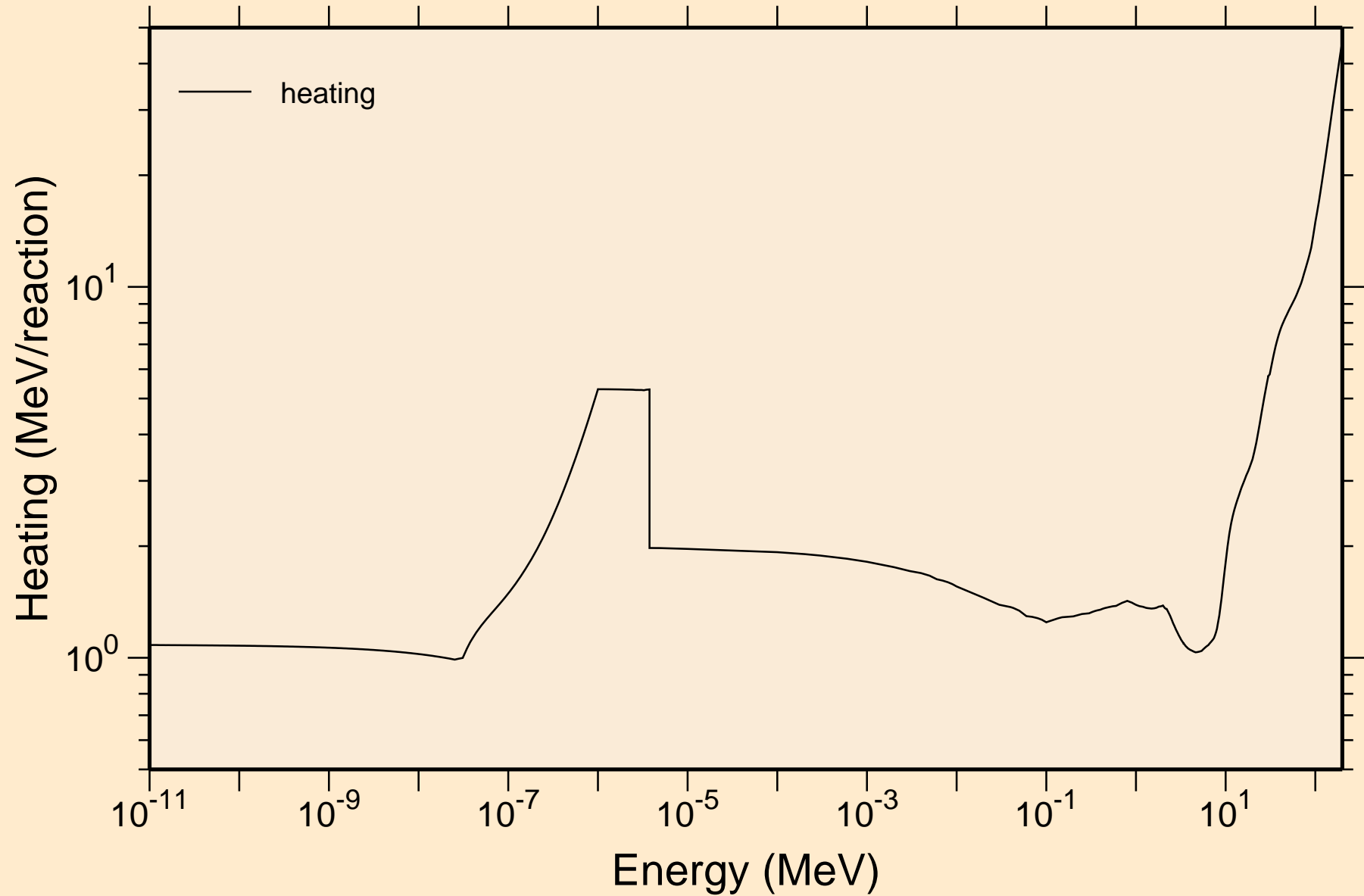
# TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

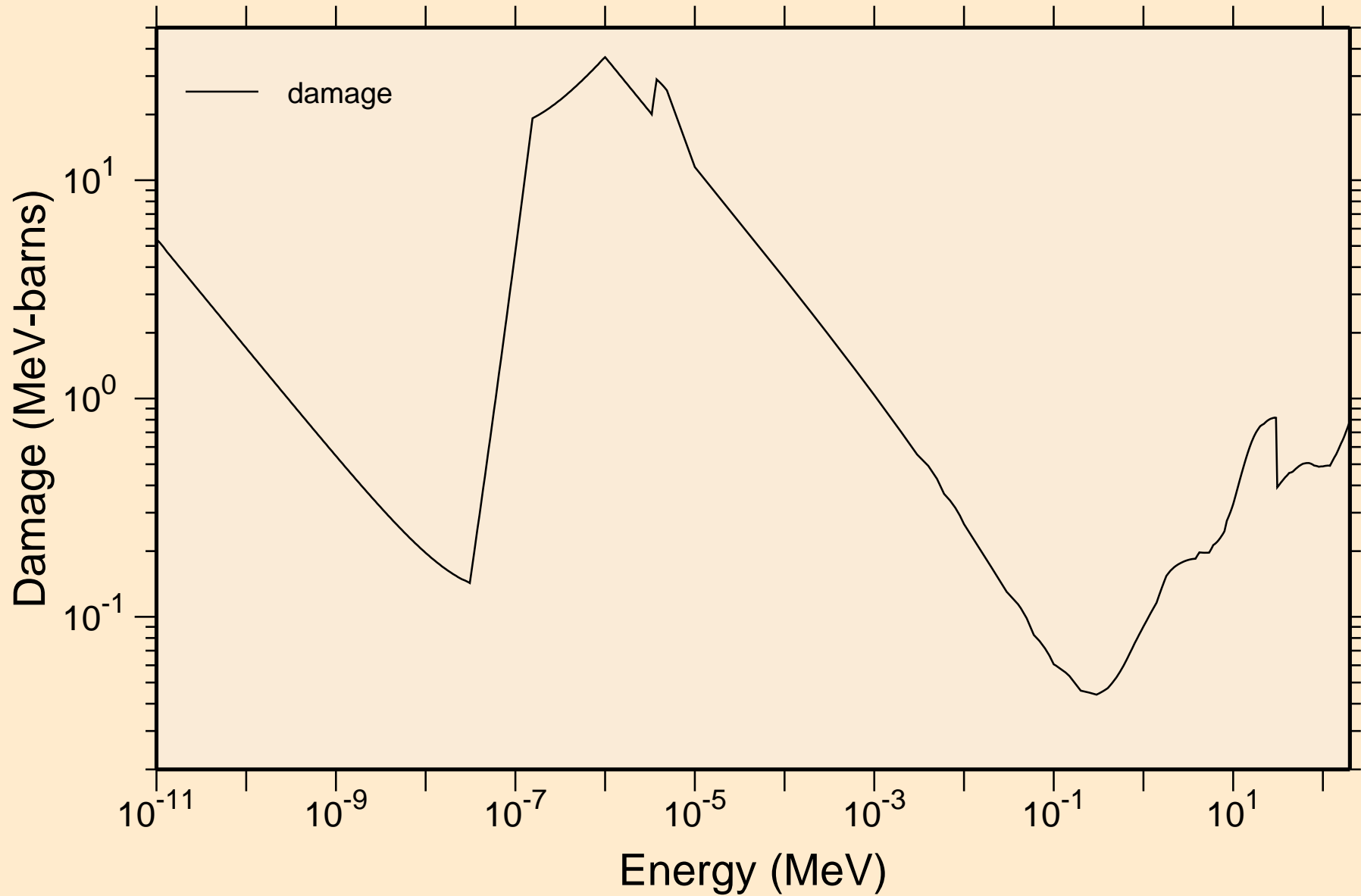


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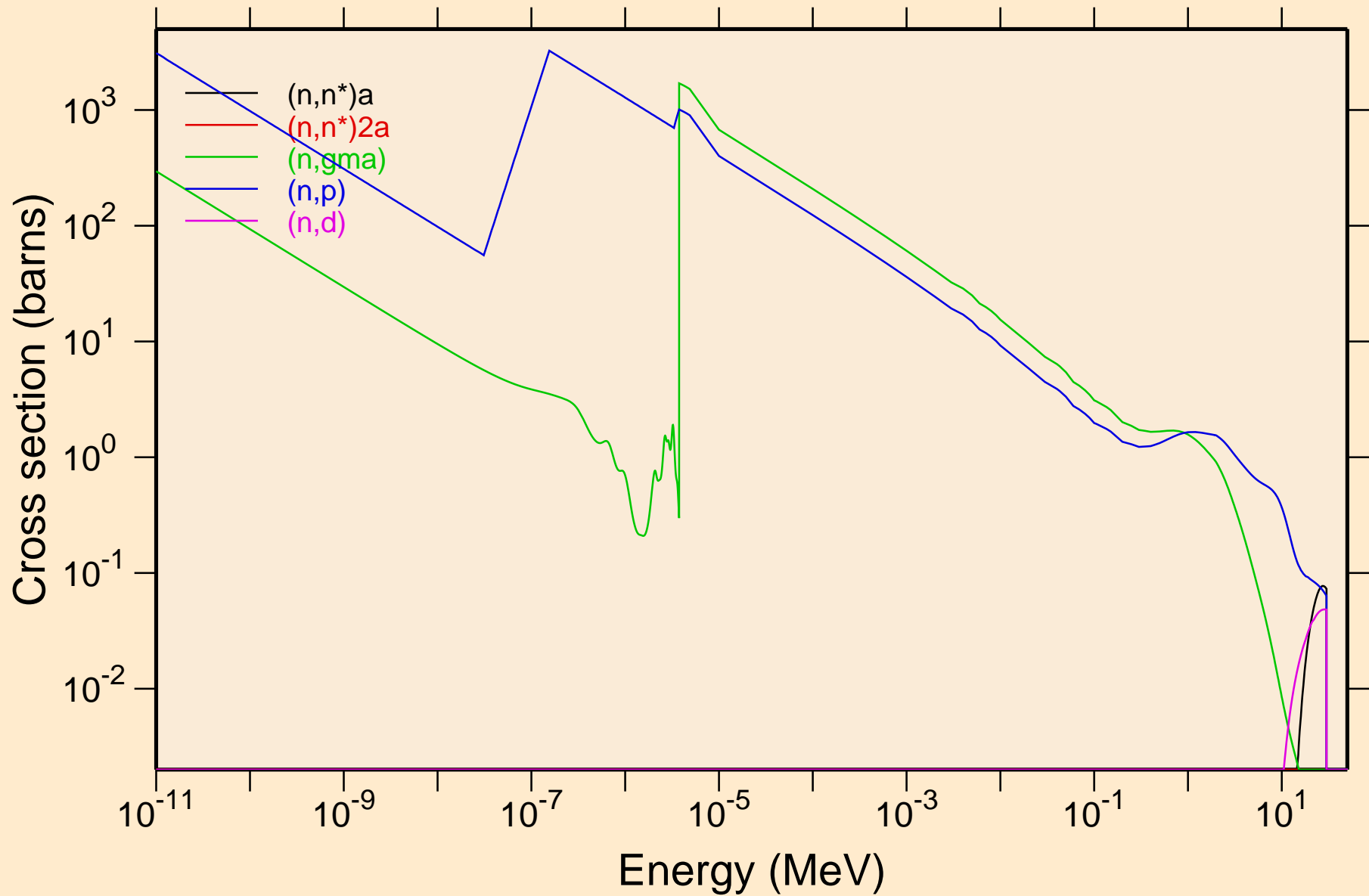
## Heating



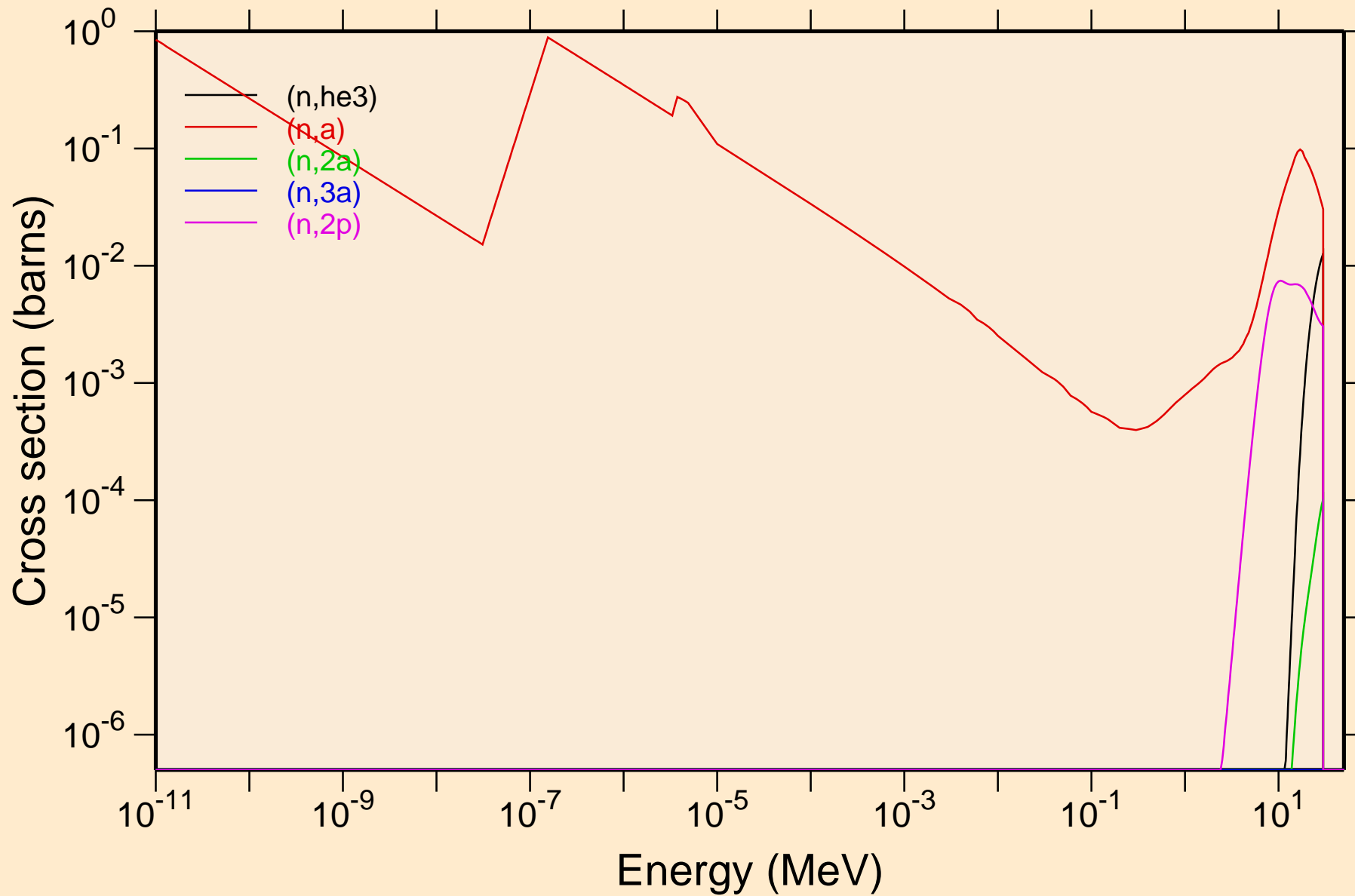
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



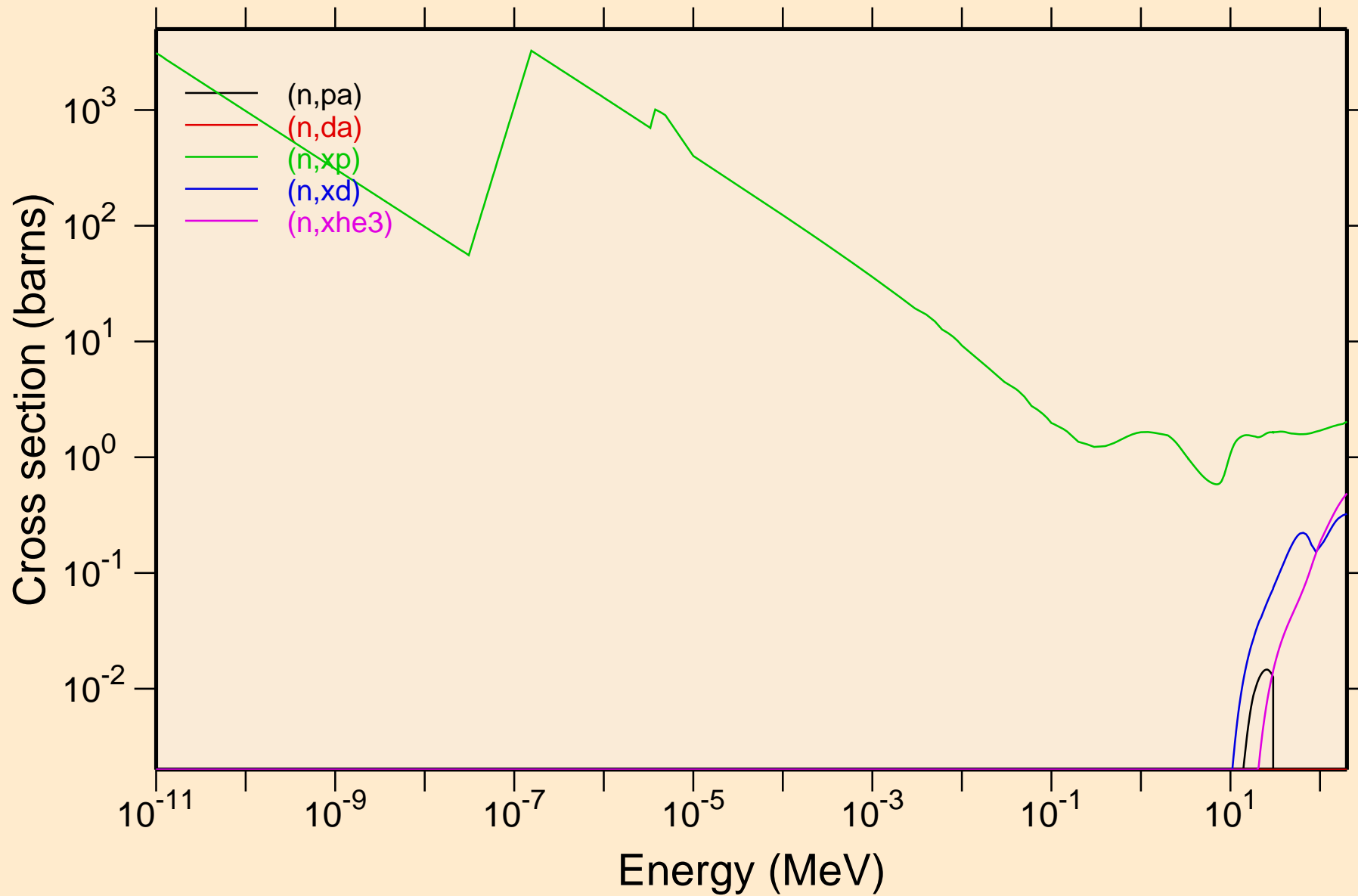
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Non-threshold reactions



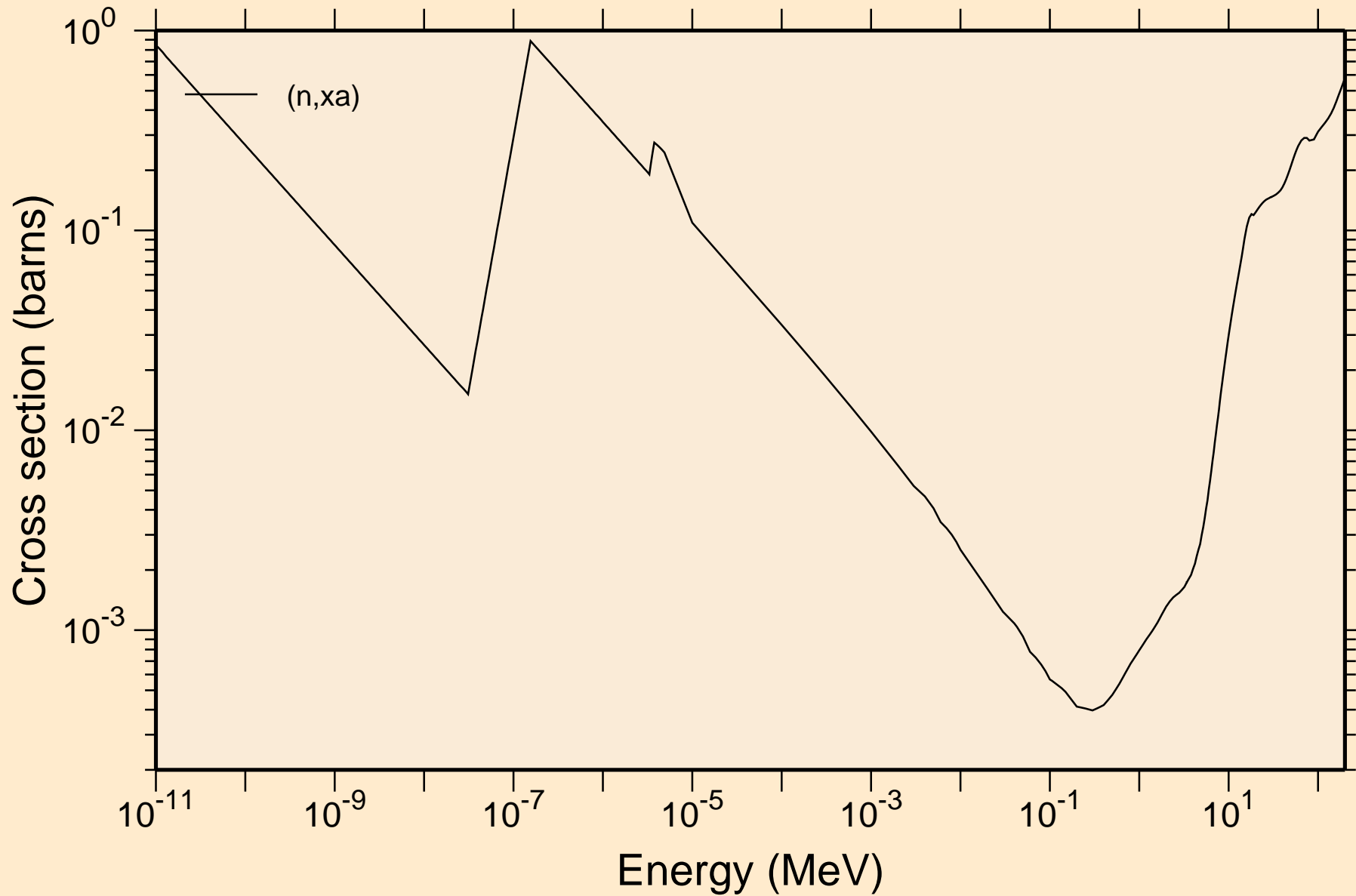
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

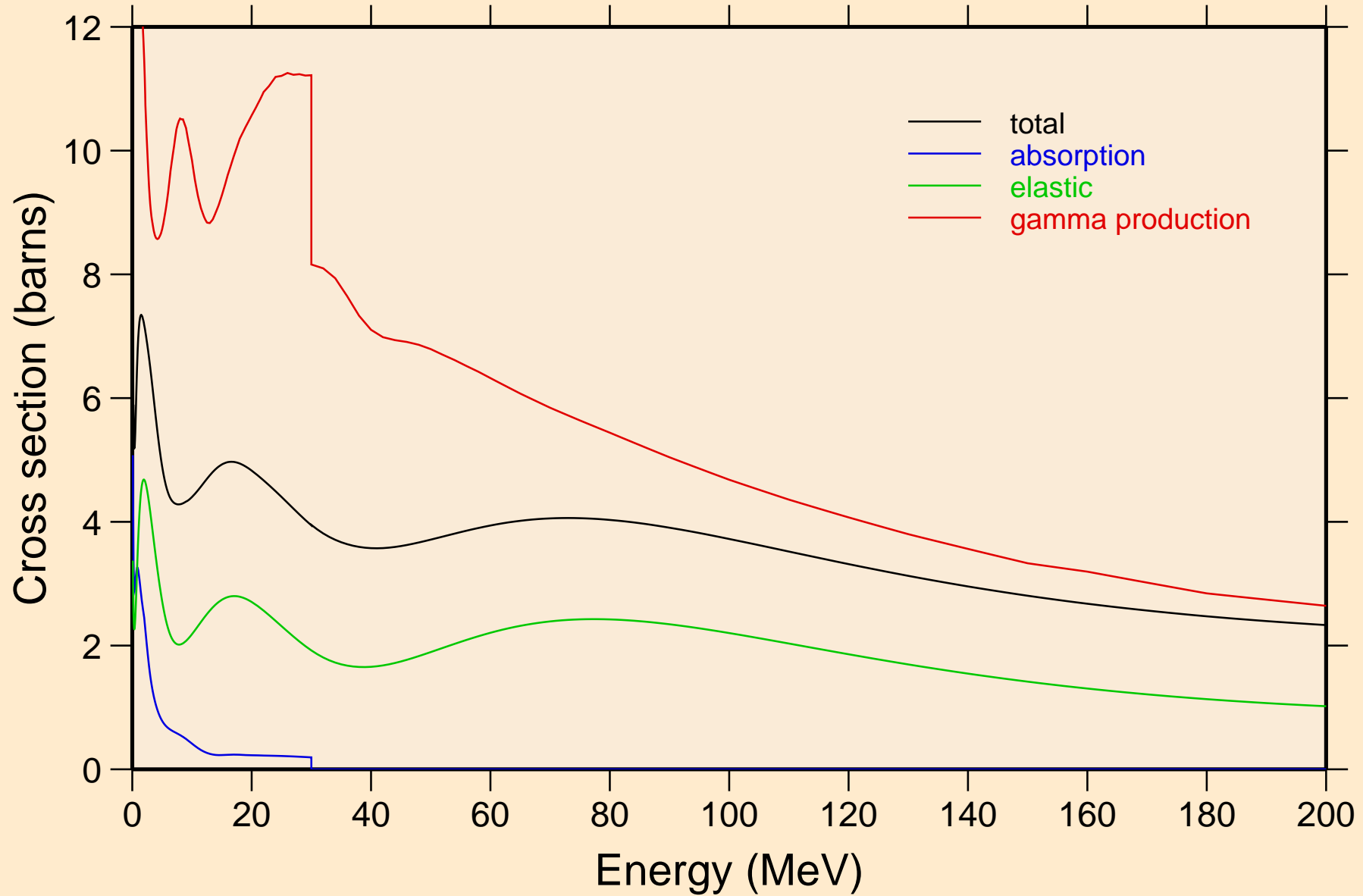


TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

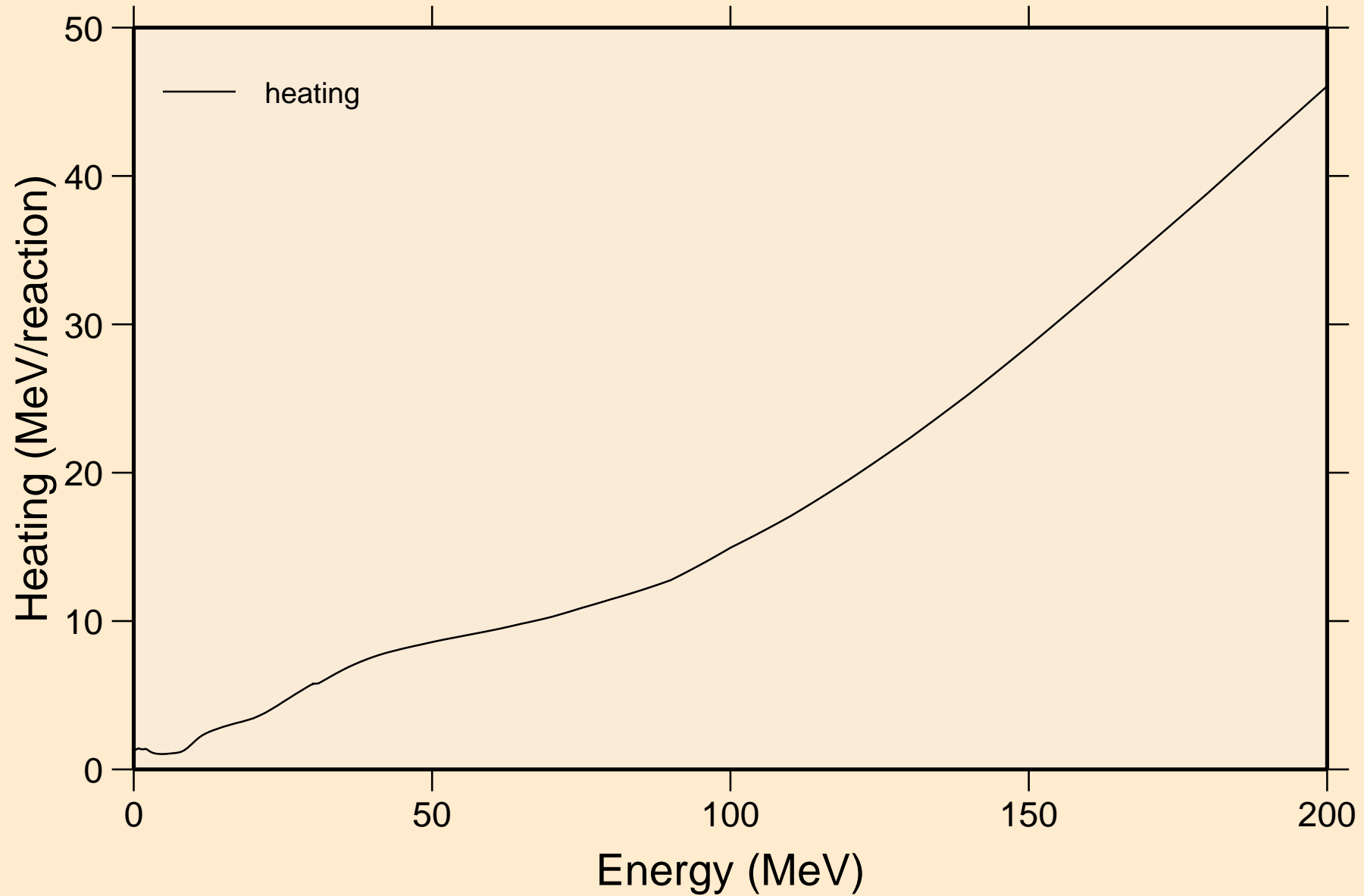
## Principal cross sections



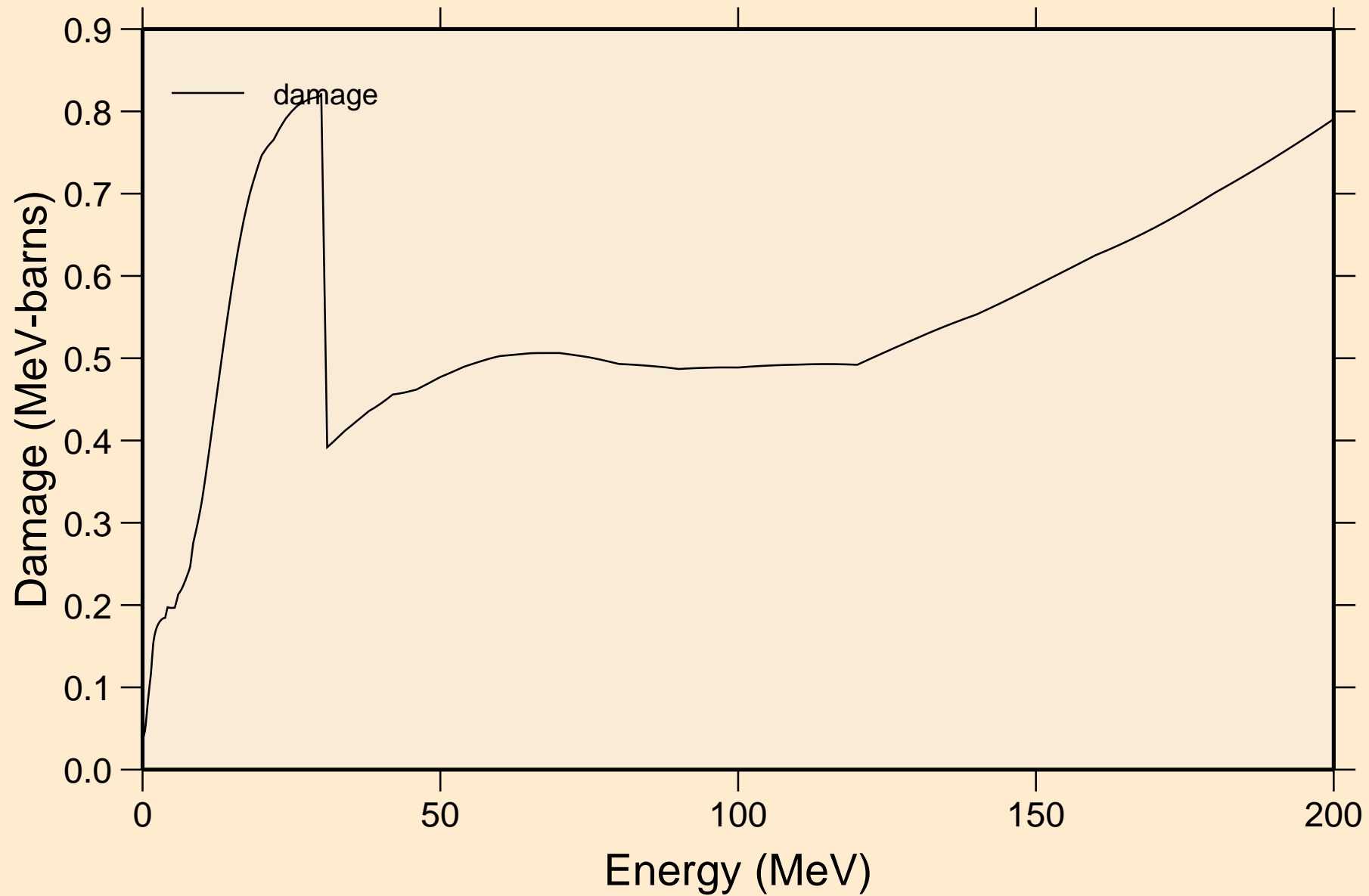


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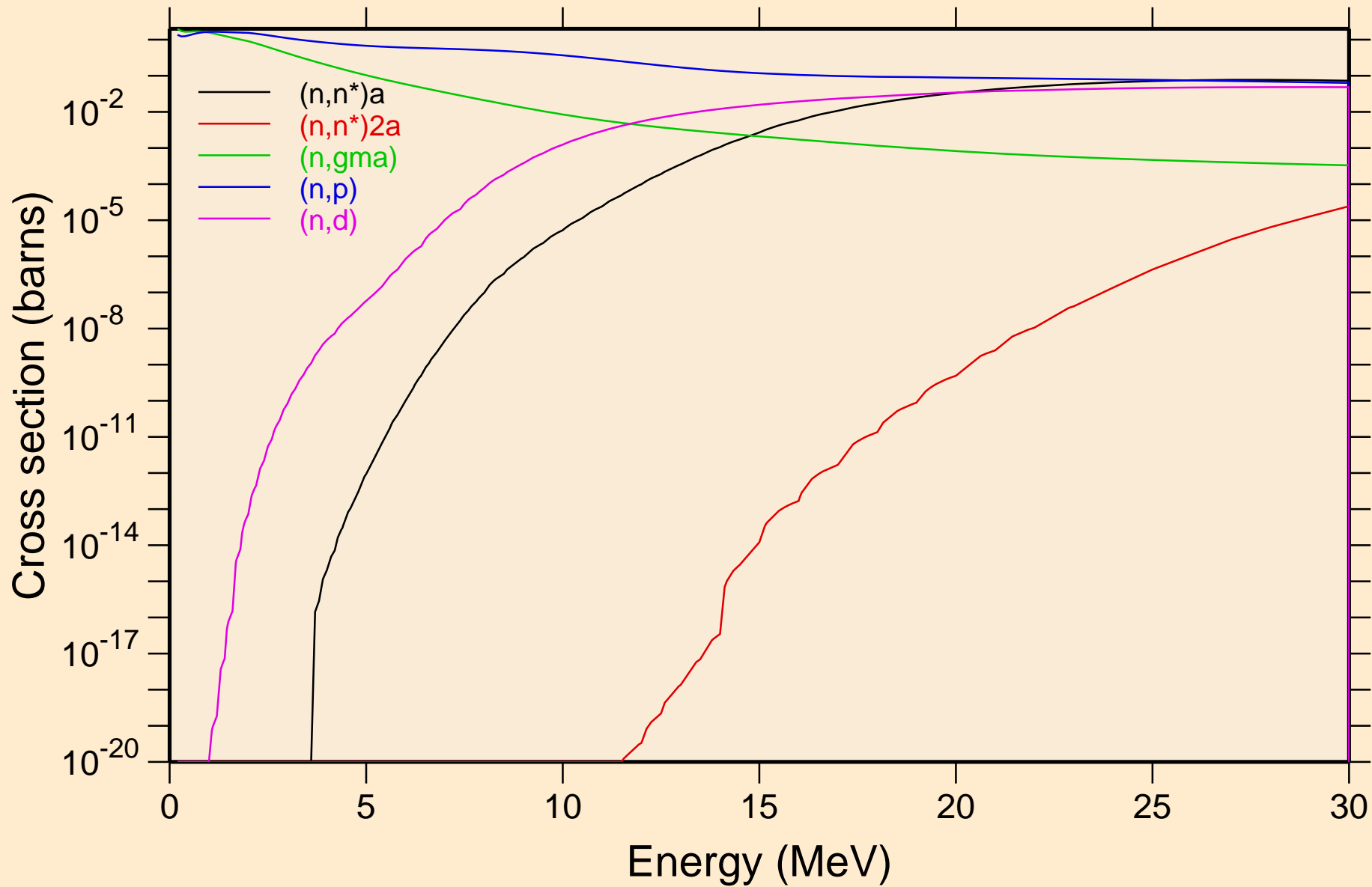
## Heating



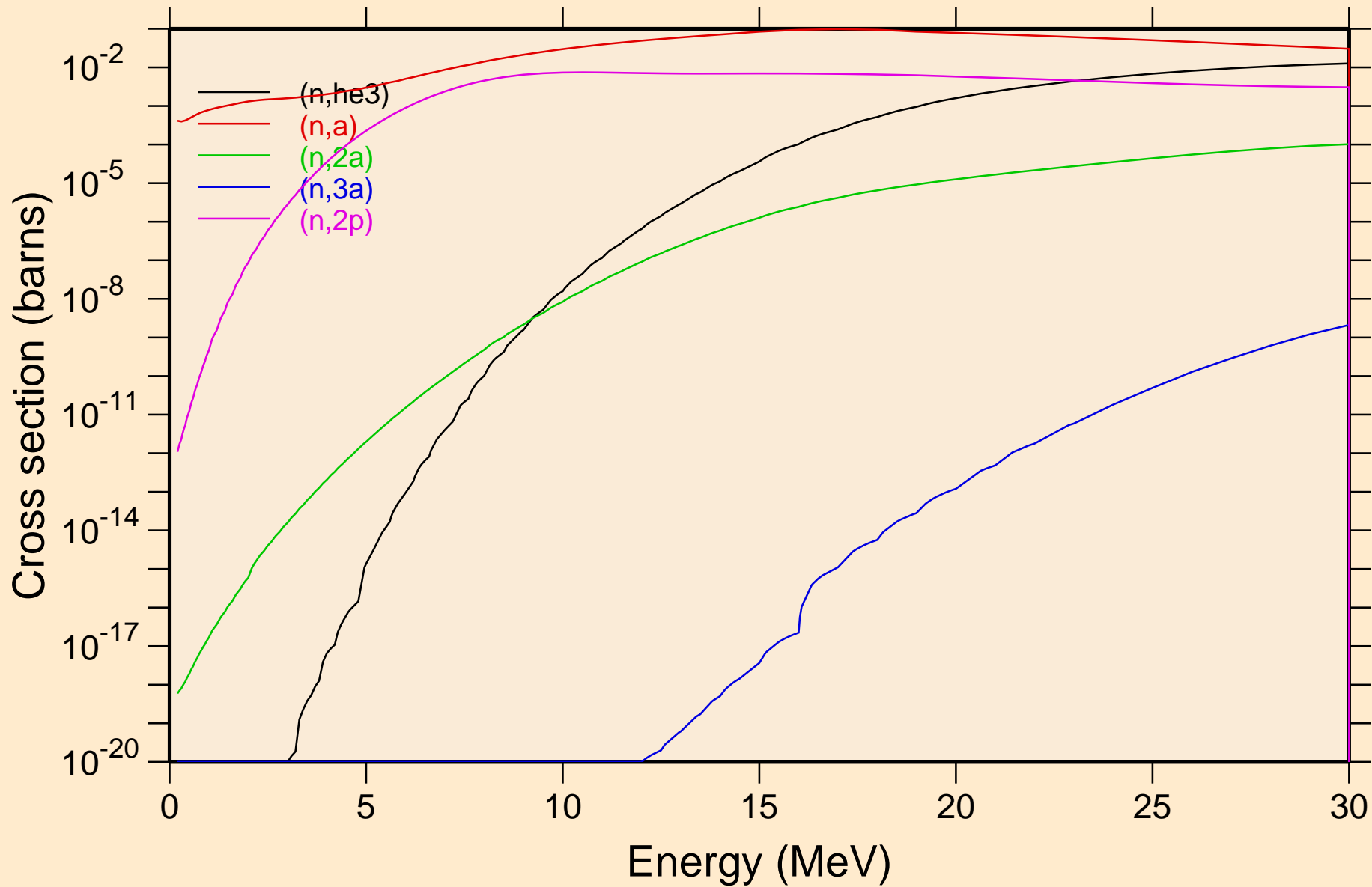
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Damage



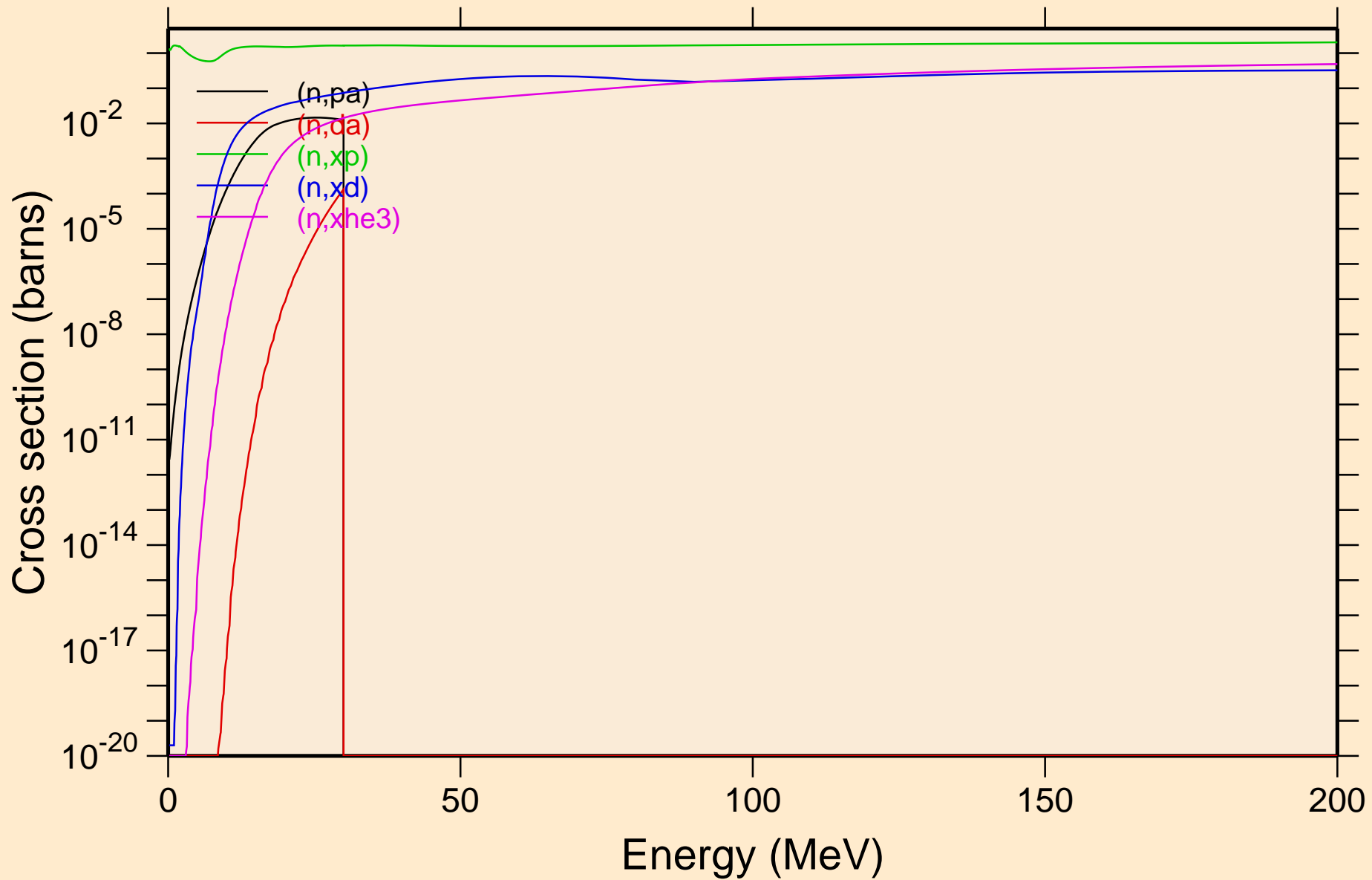
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Non-threshold reactions



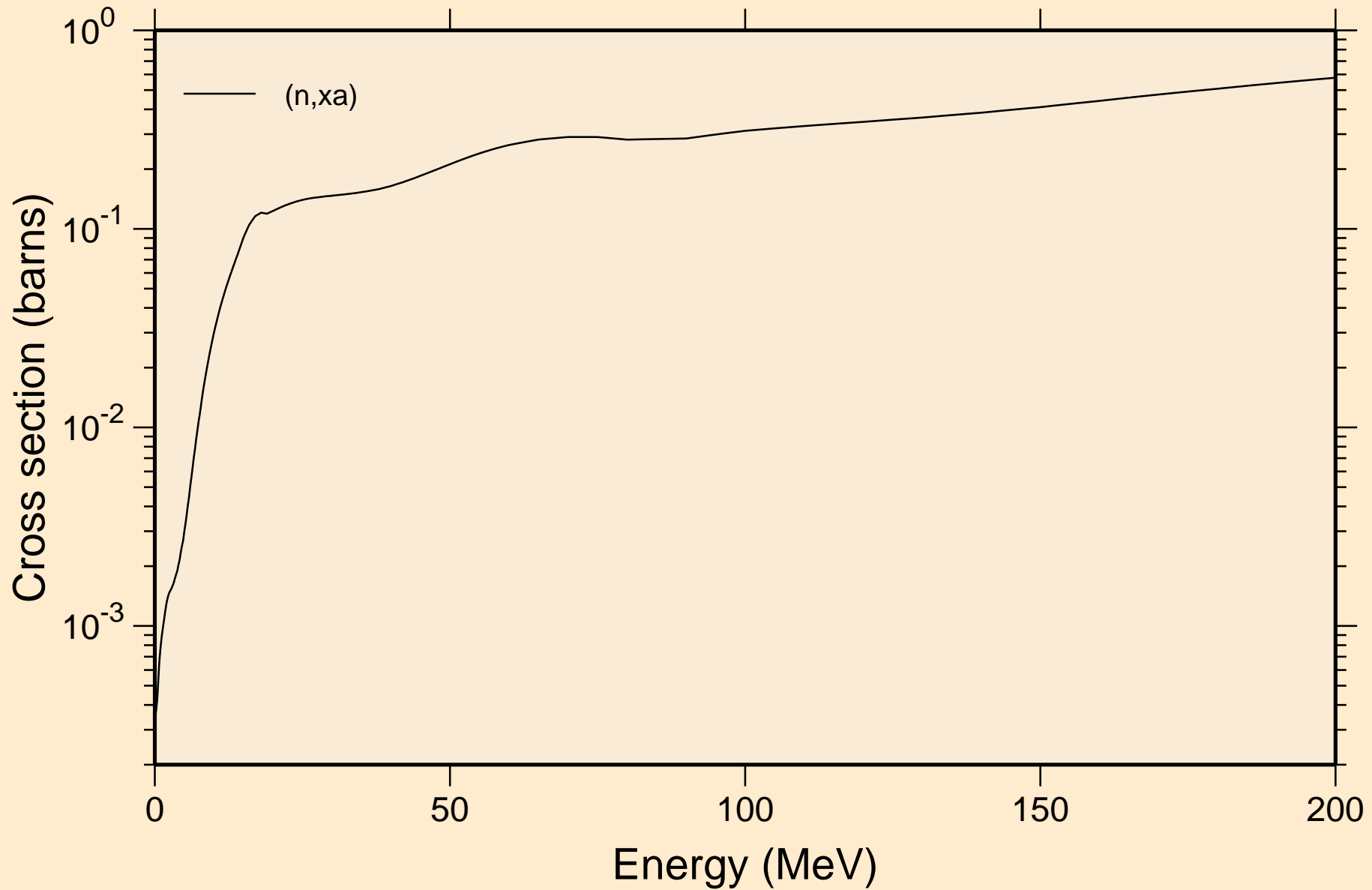
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Non-threshold reactions



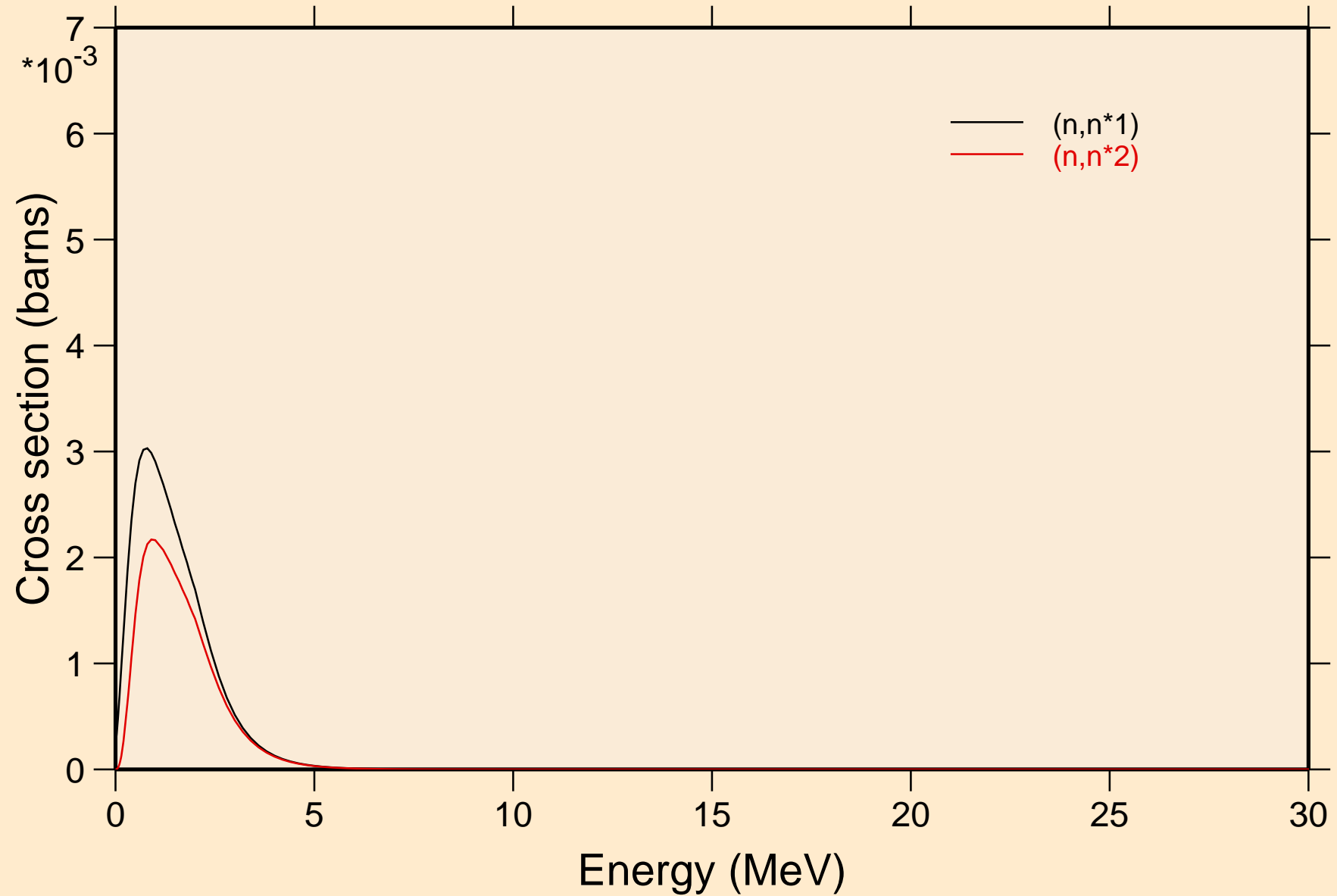
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Non-threshold reactions



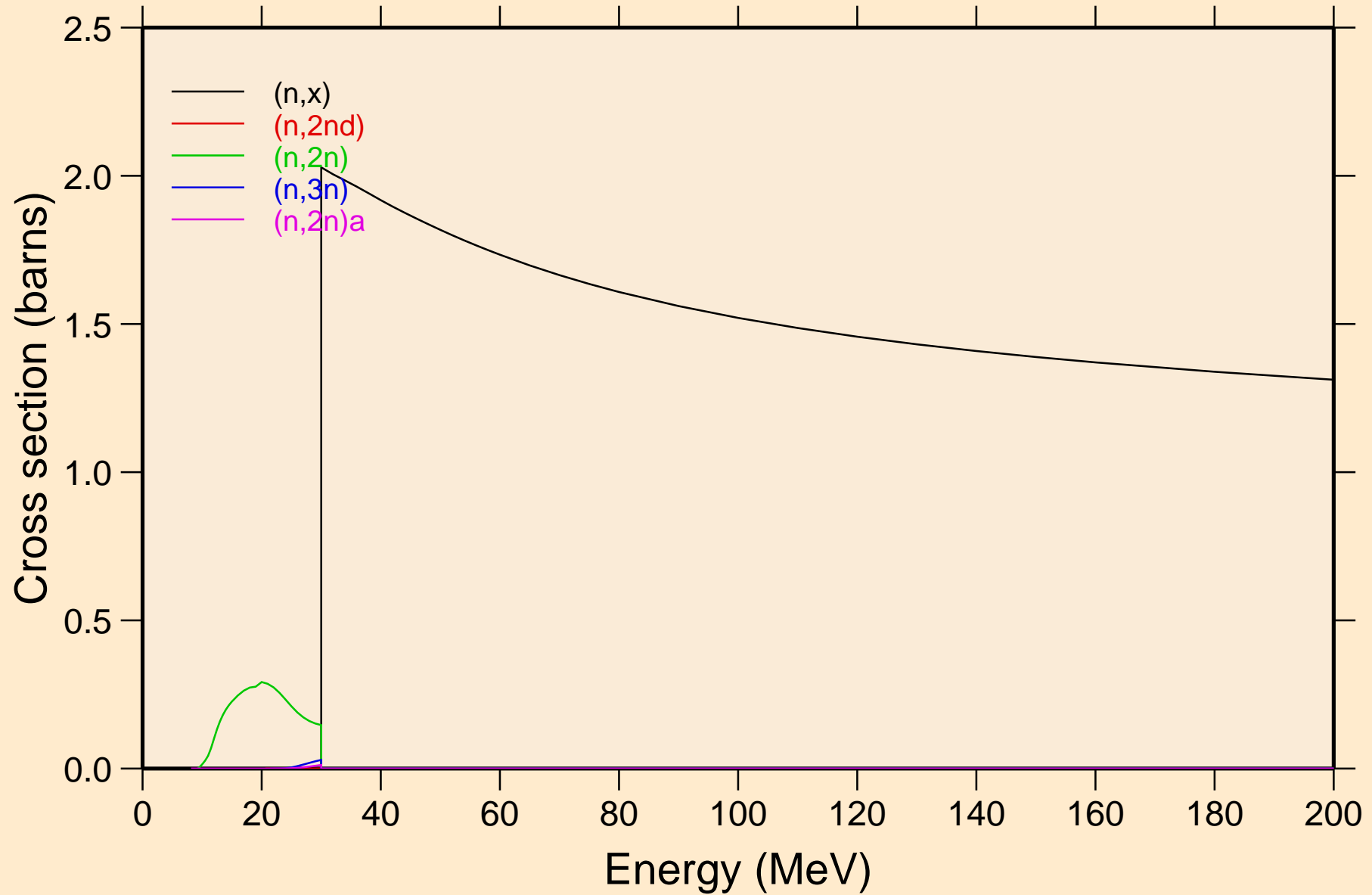
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Non-threshold reactions



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

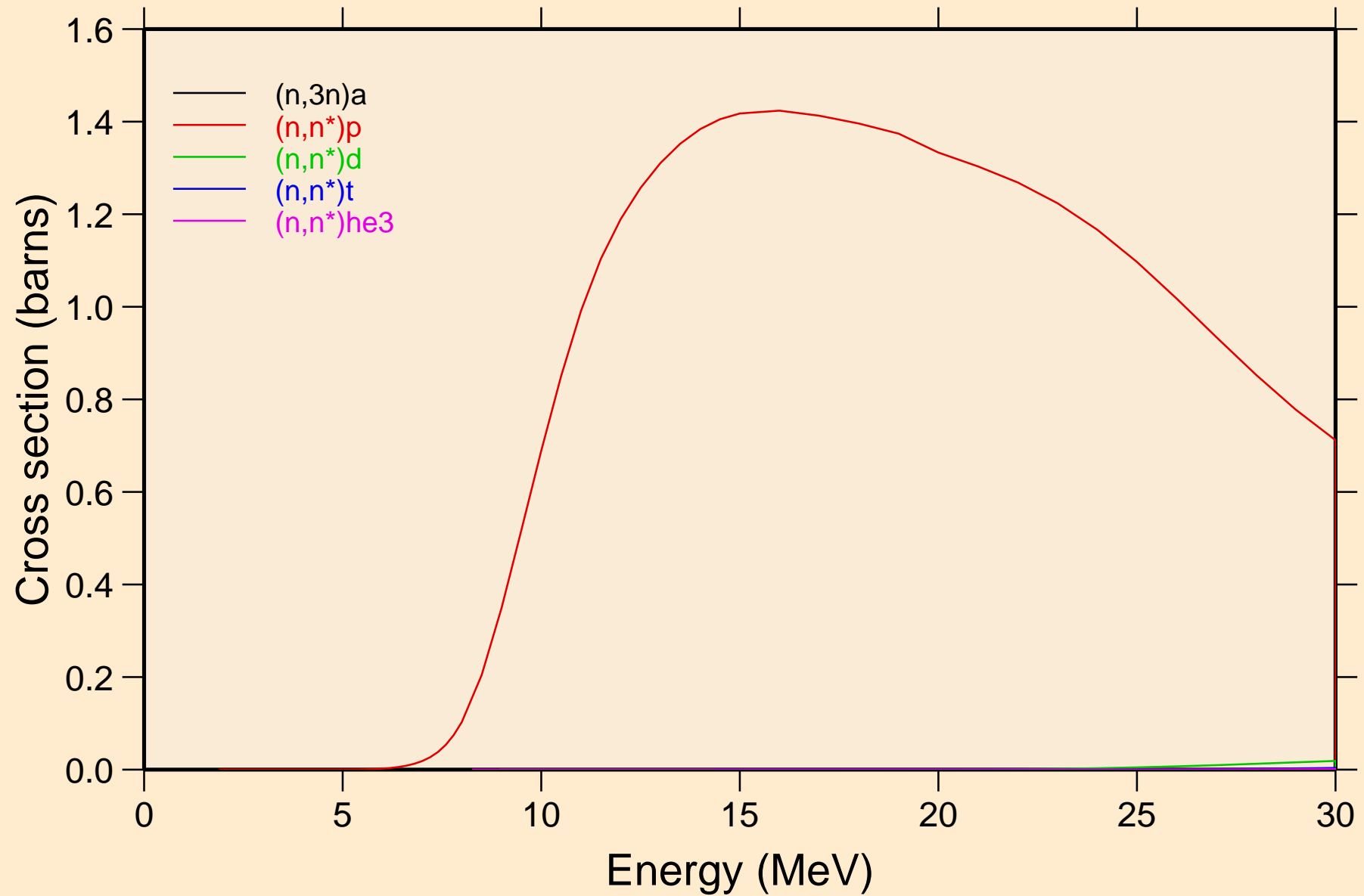


TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

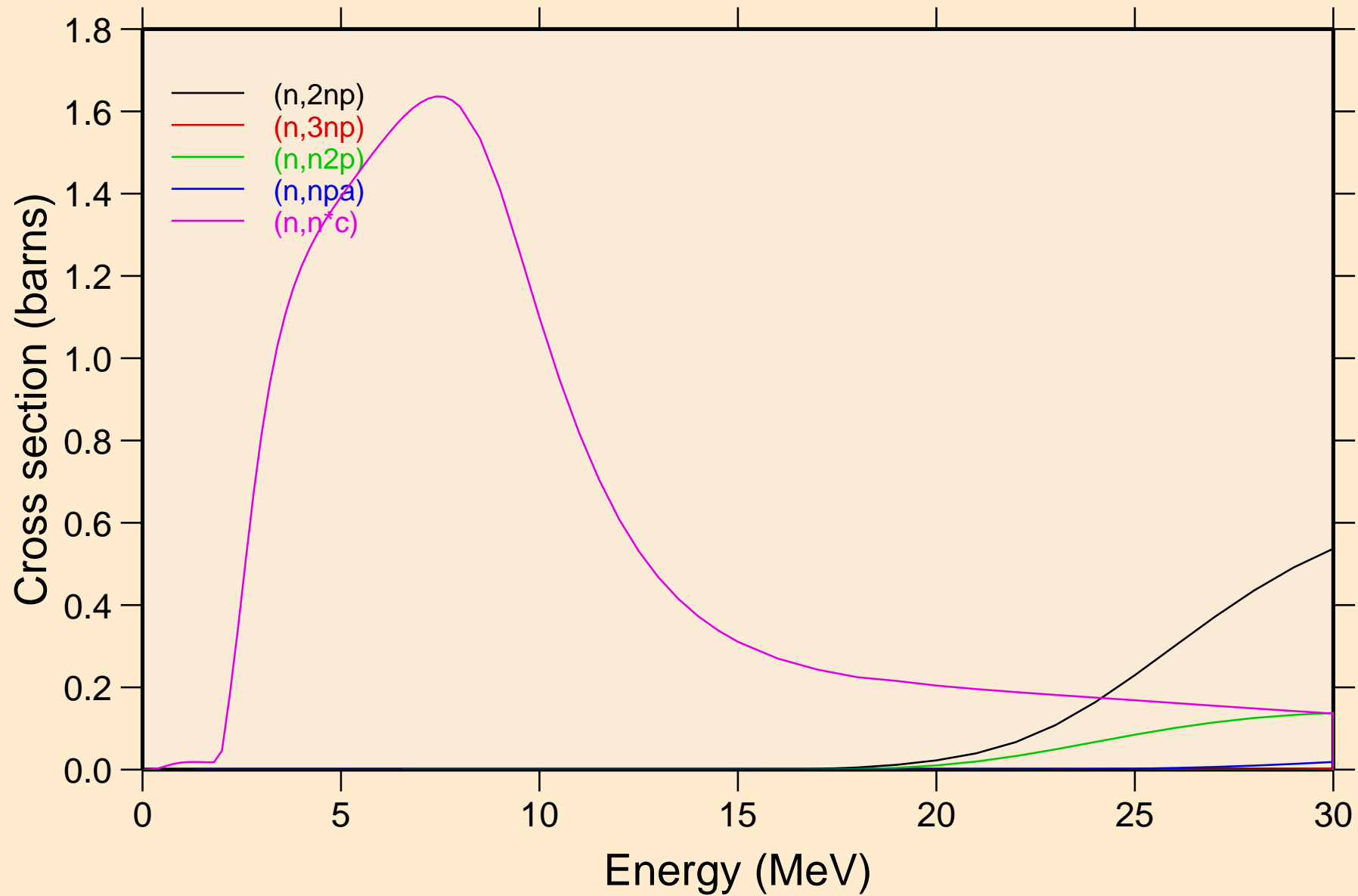




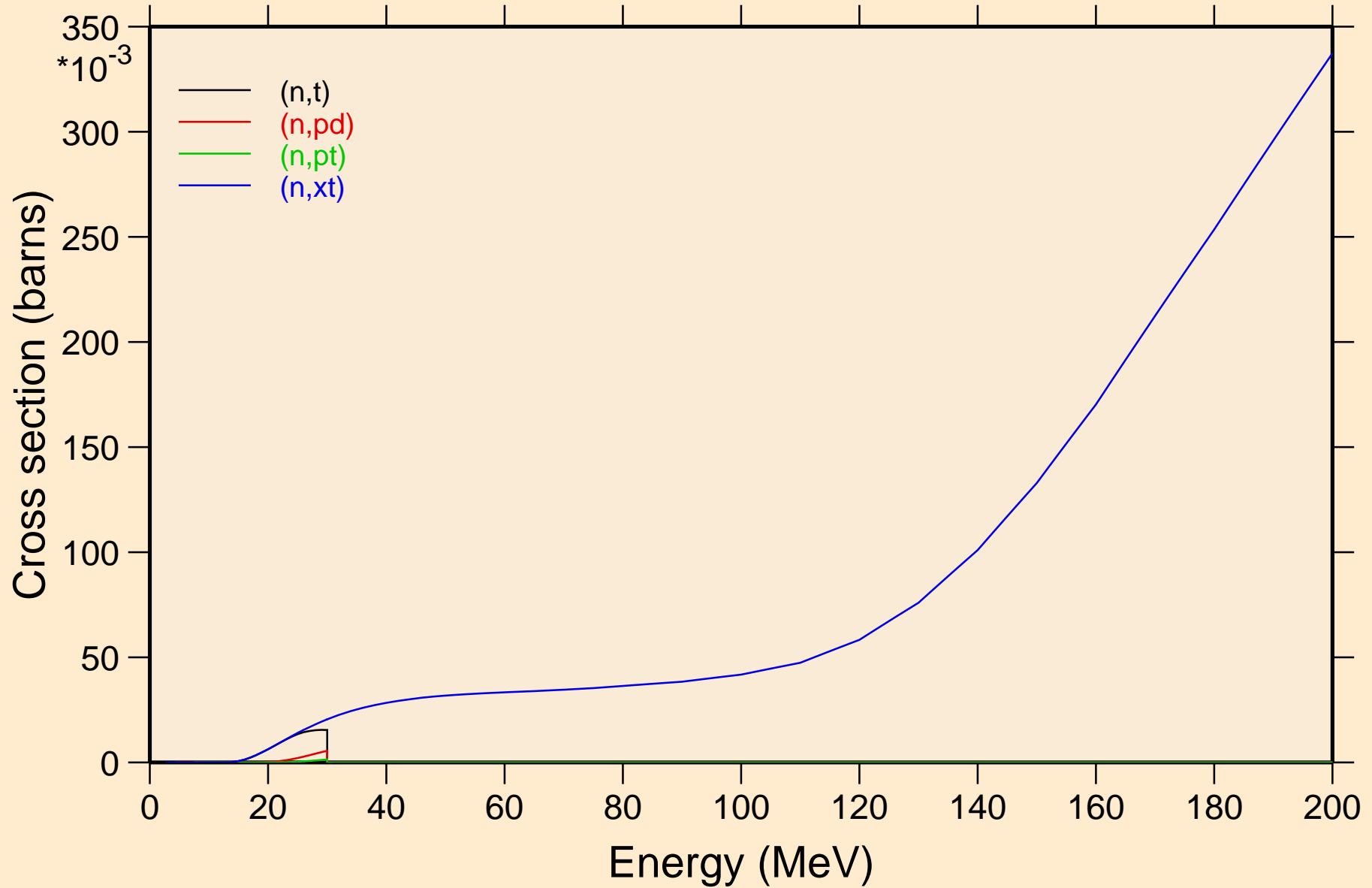
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Threshold reactions



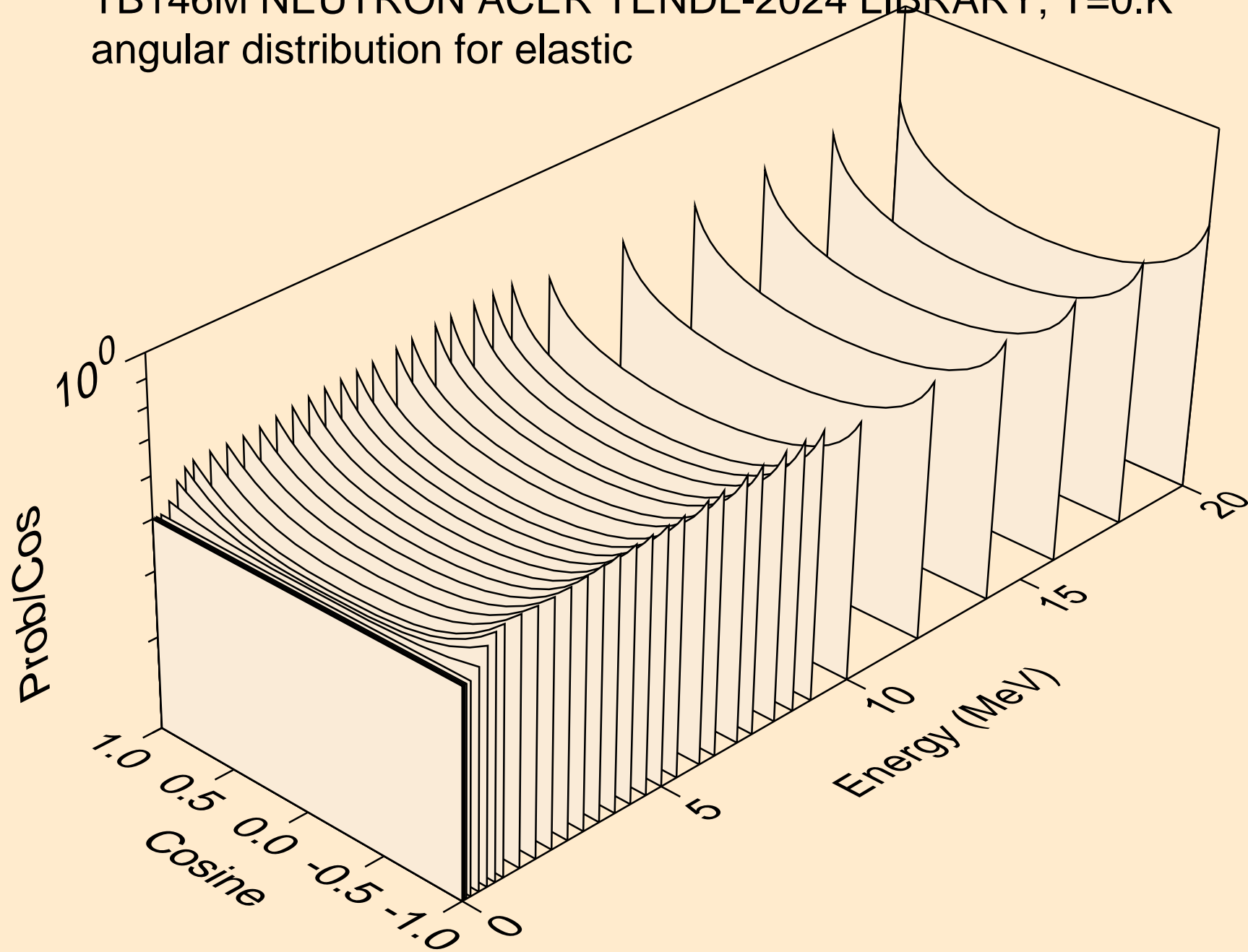
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Threshold reactions



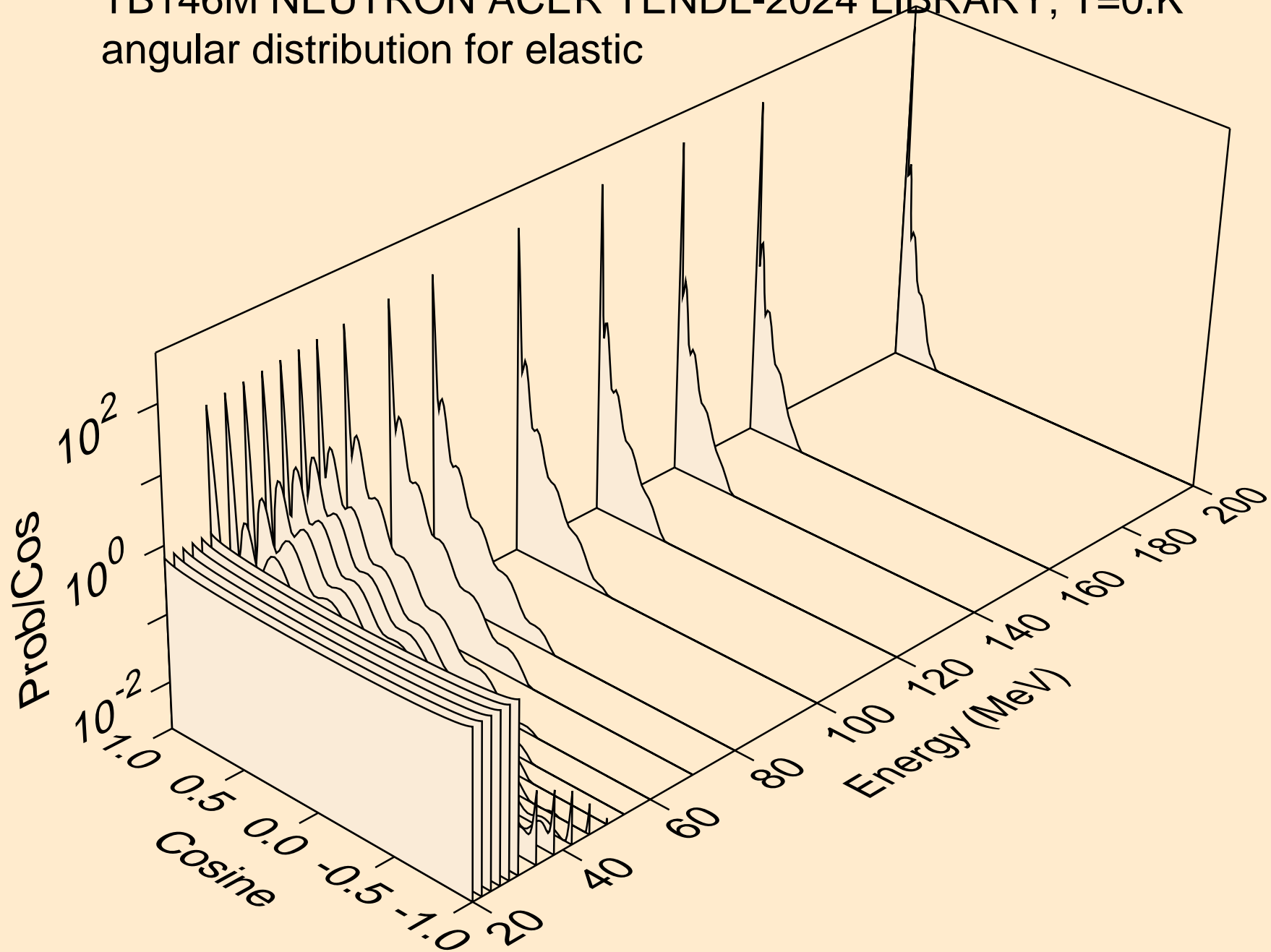
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Threshold reactions



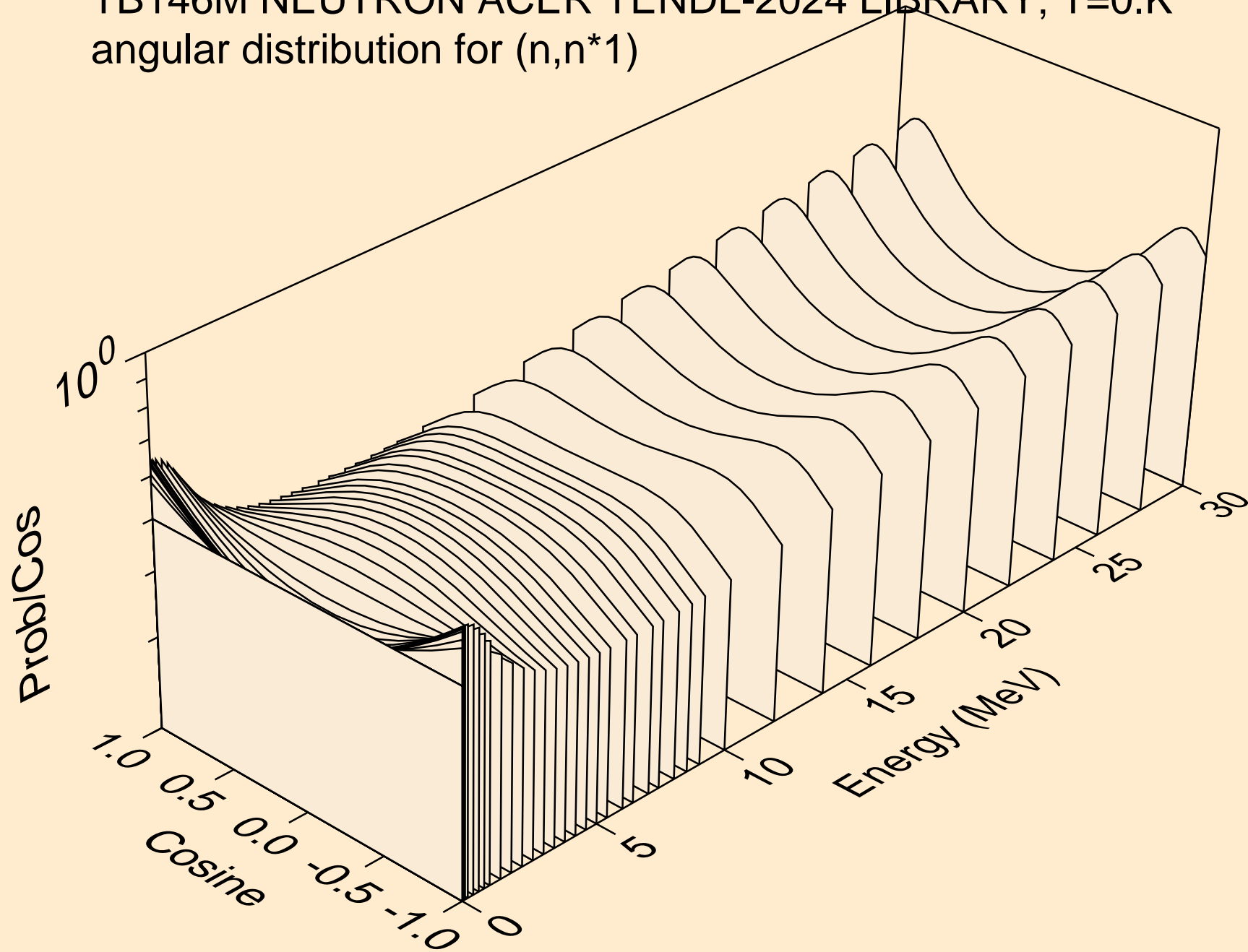
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angular distribution for elastic



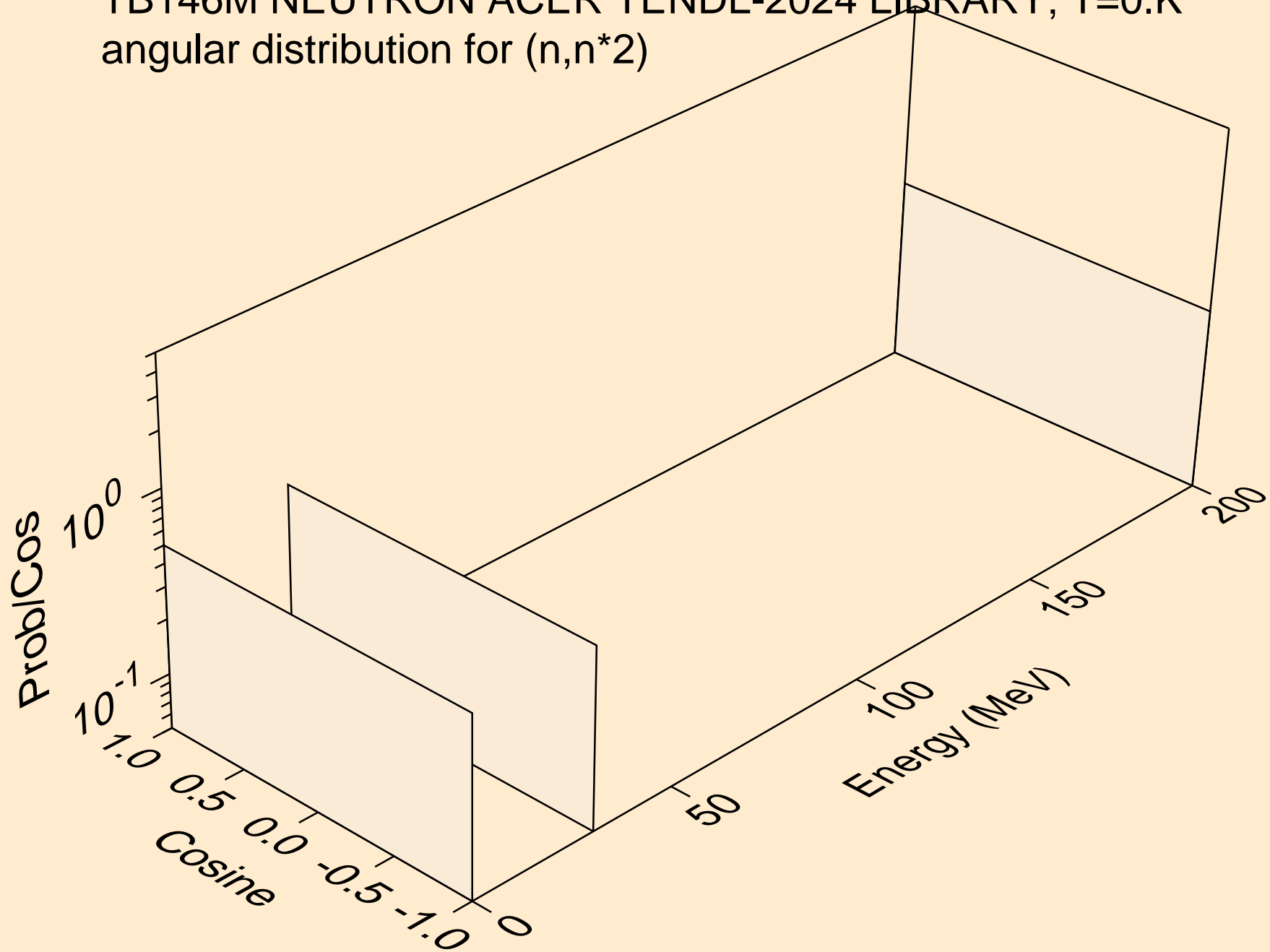
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angular distribution for elastic



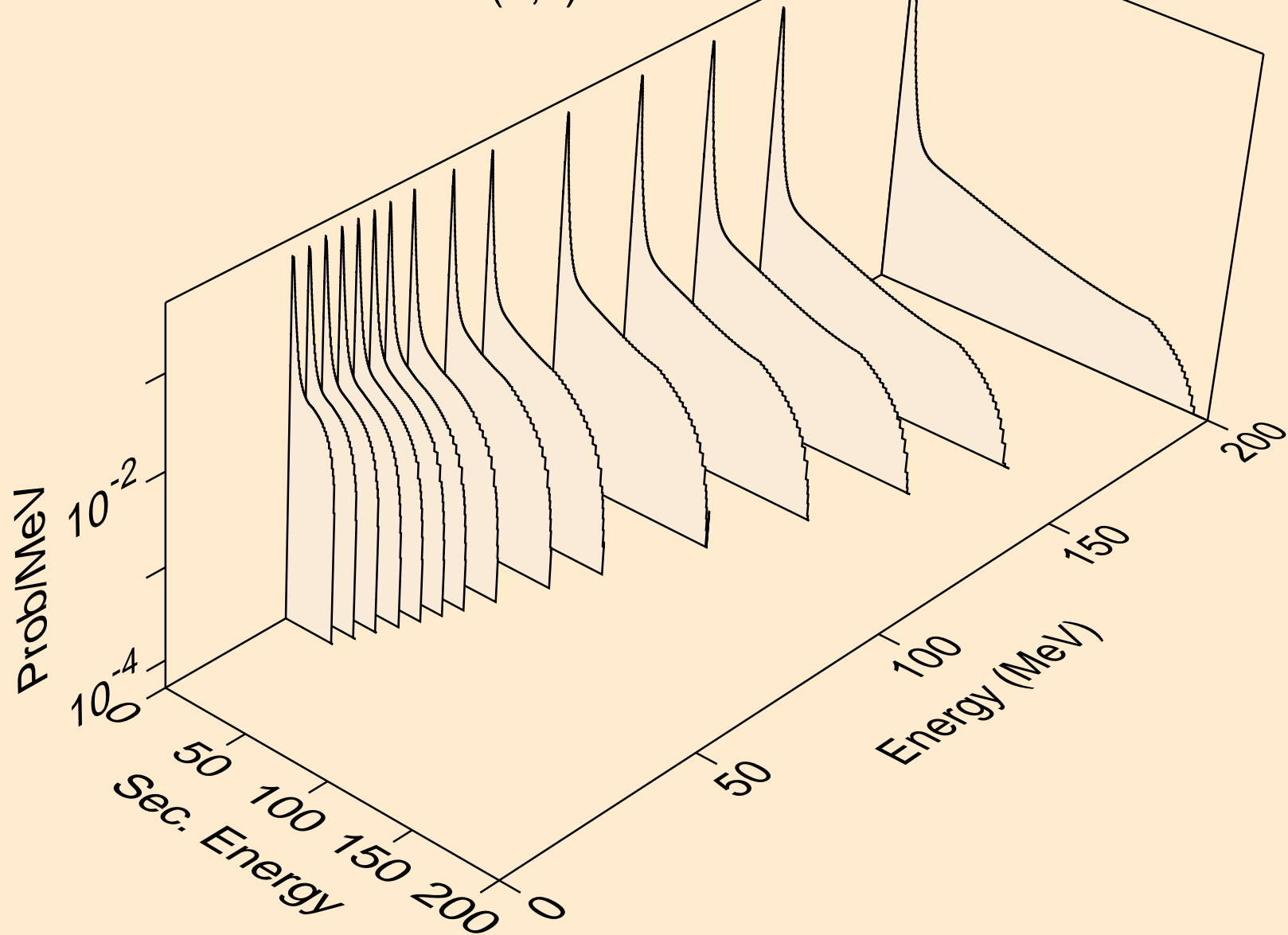
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

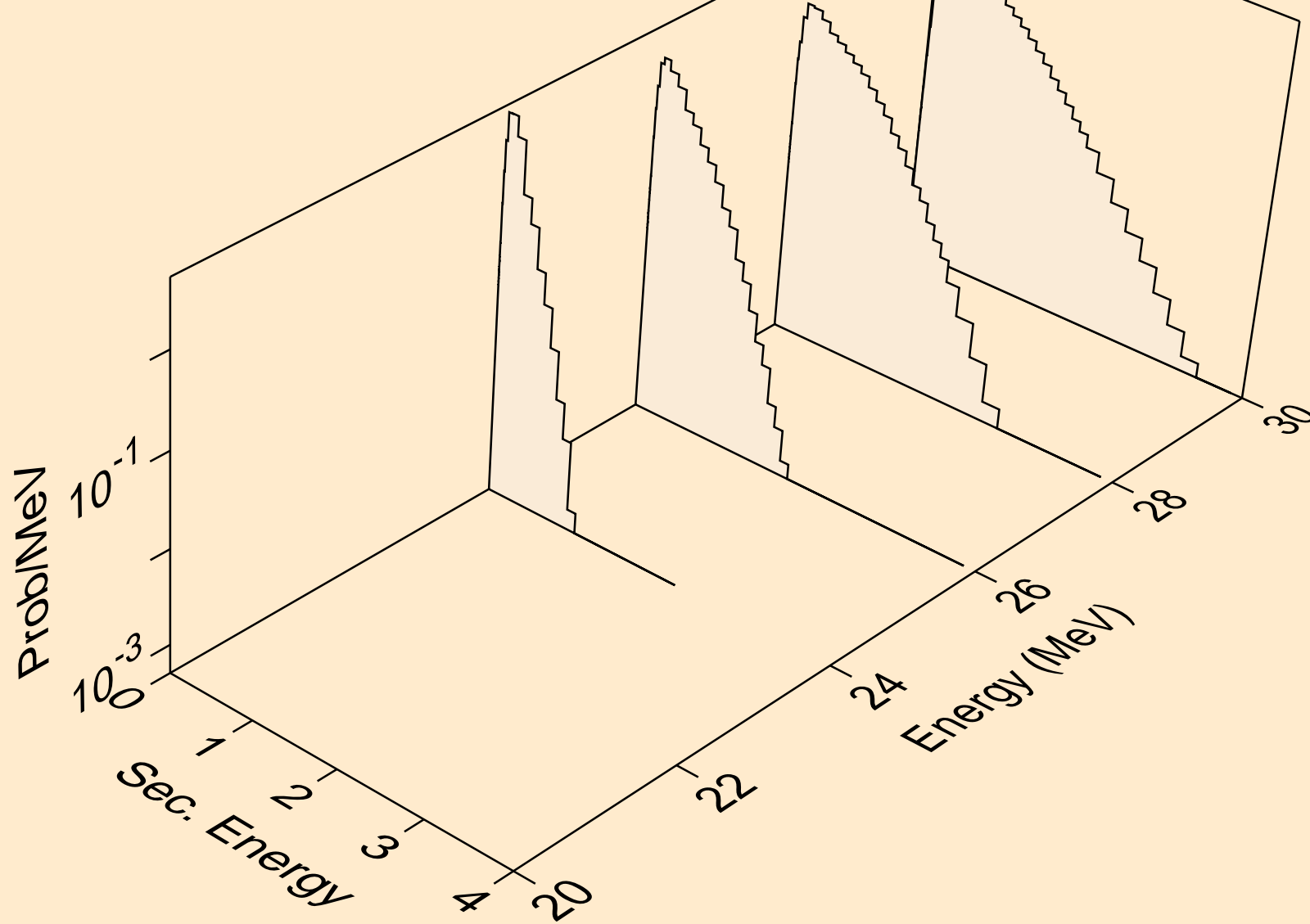


TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

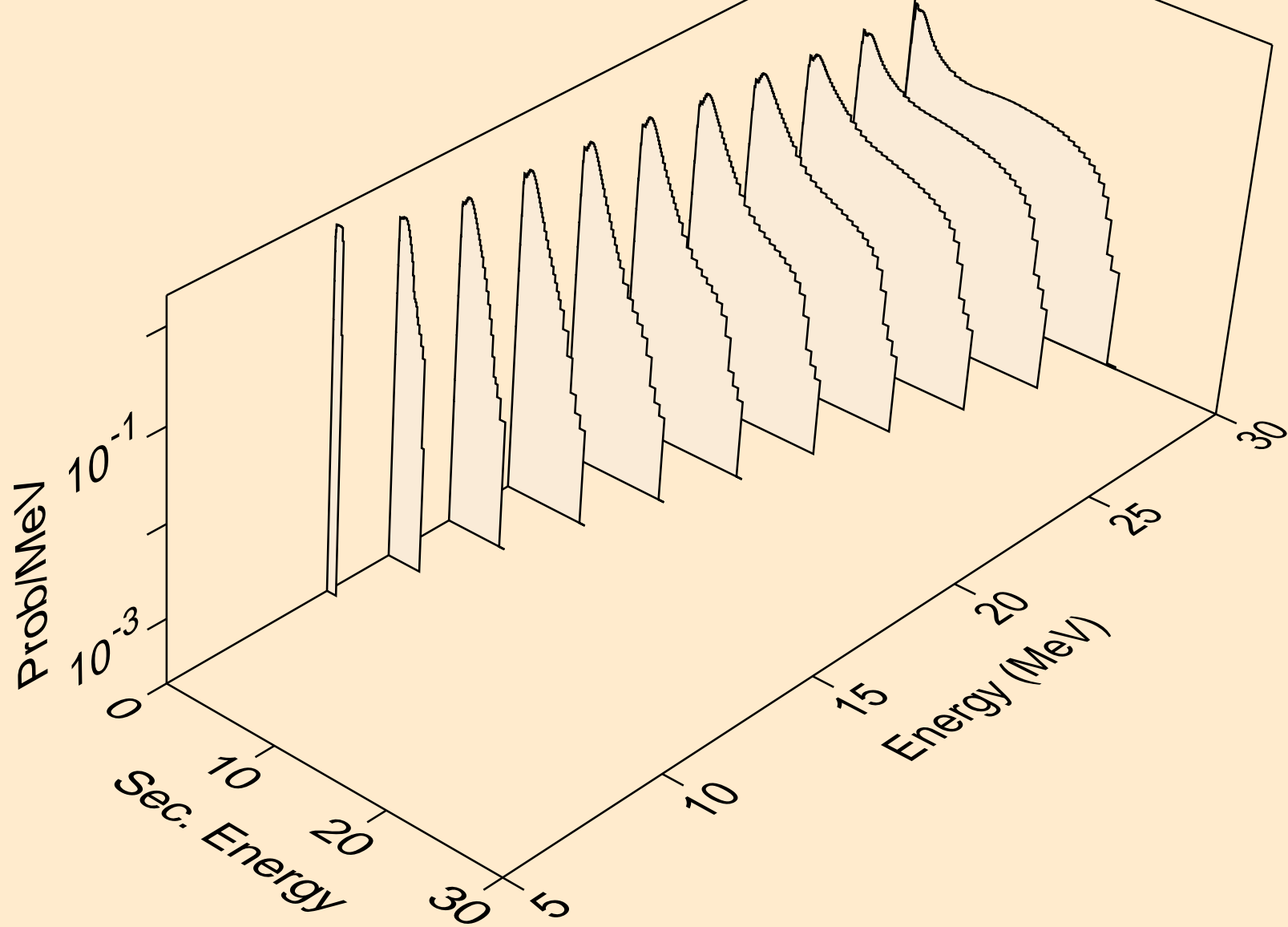




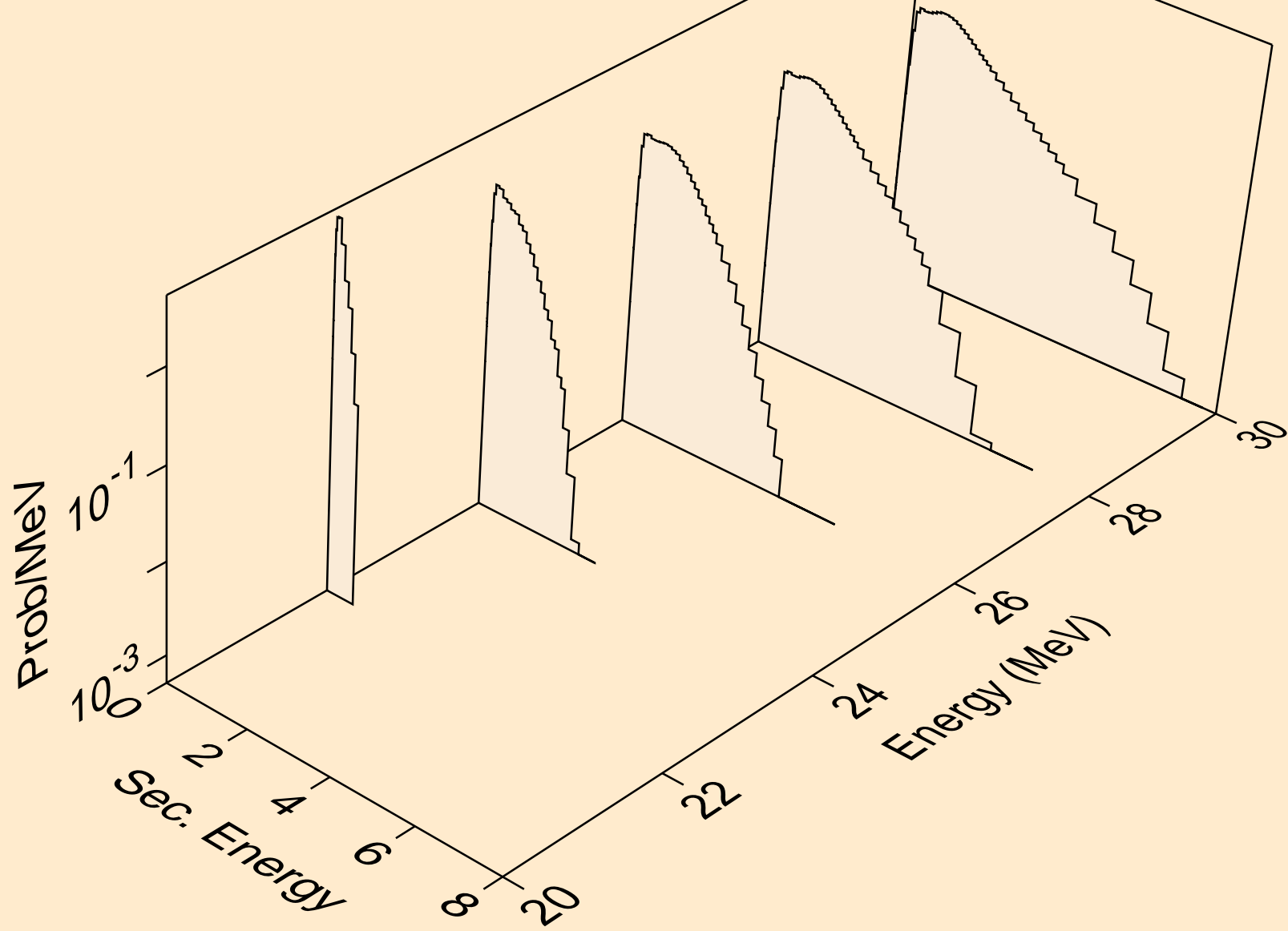
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Neutron emission for (n,2nd)



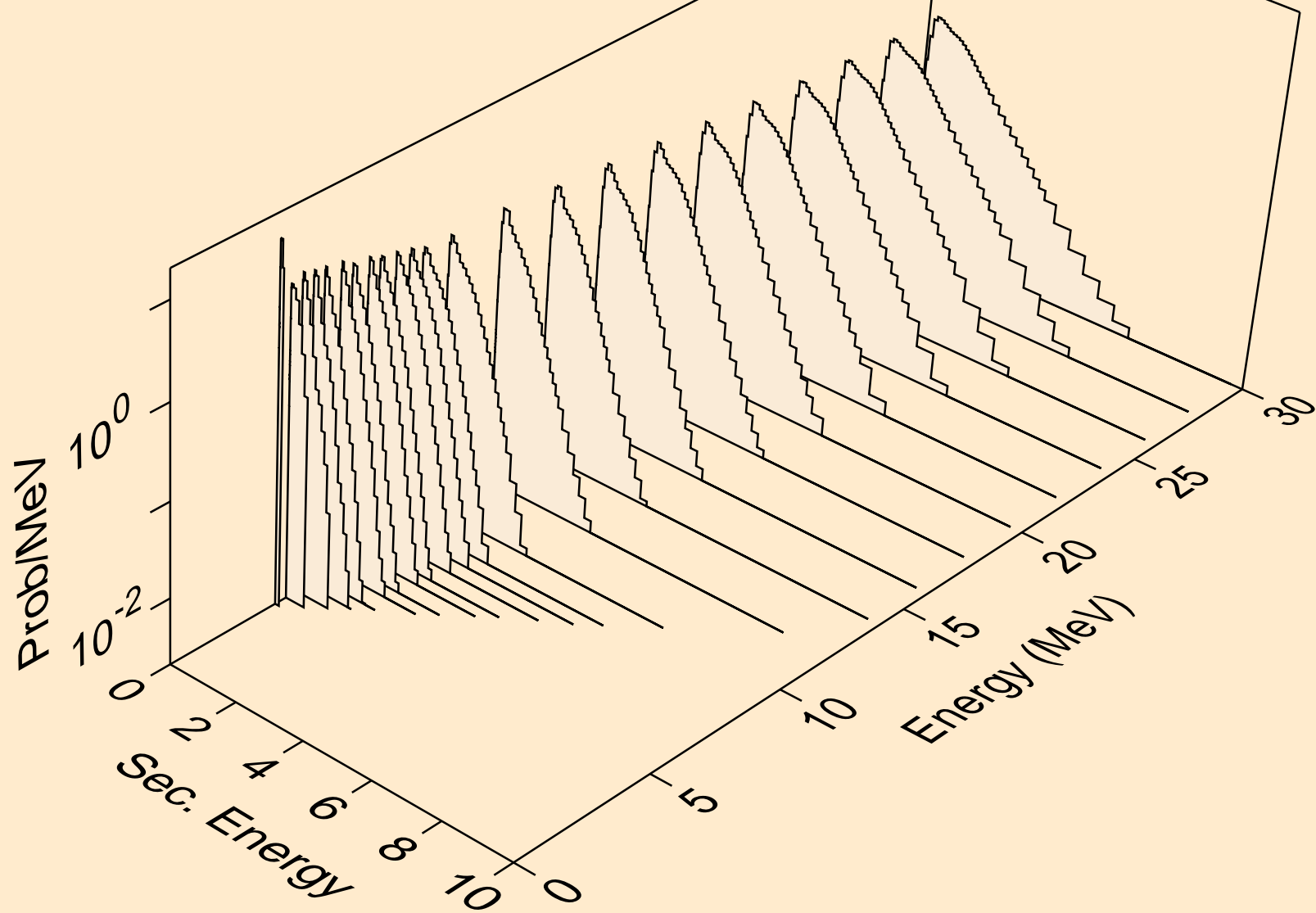
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Neutron emission for (n,2n)



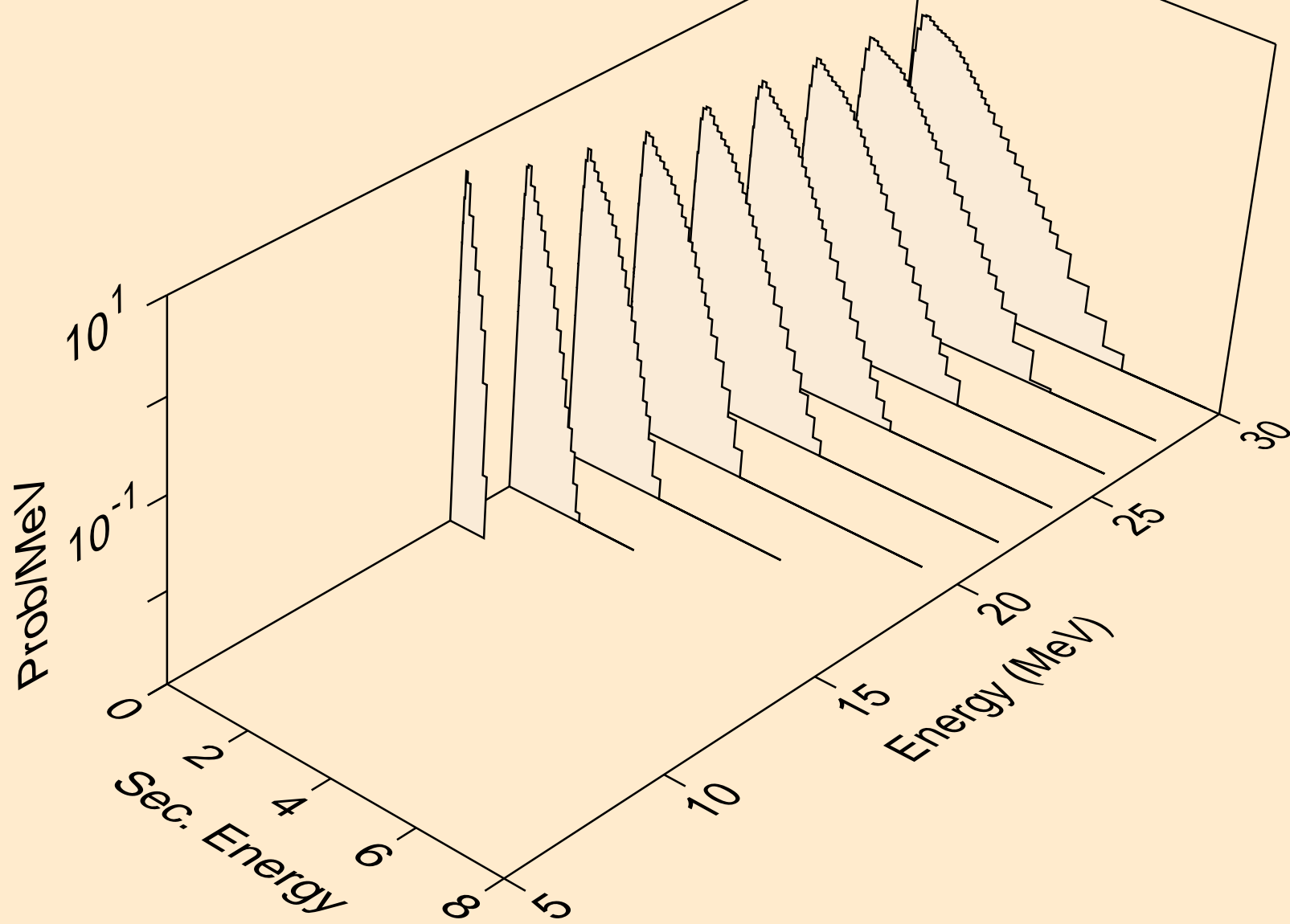
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Neutron emission for (n,3n)



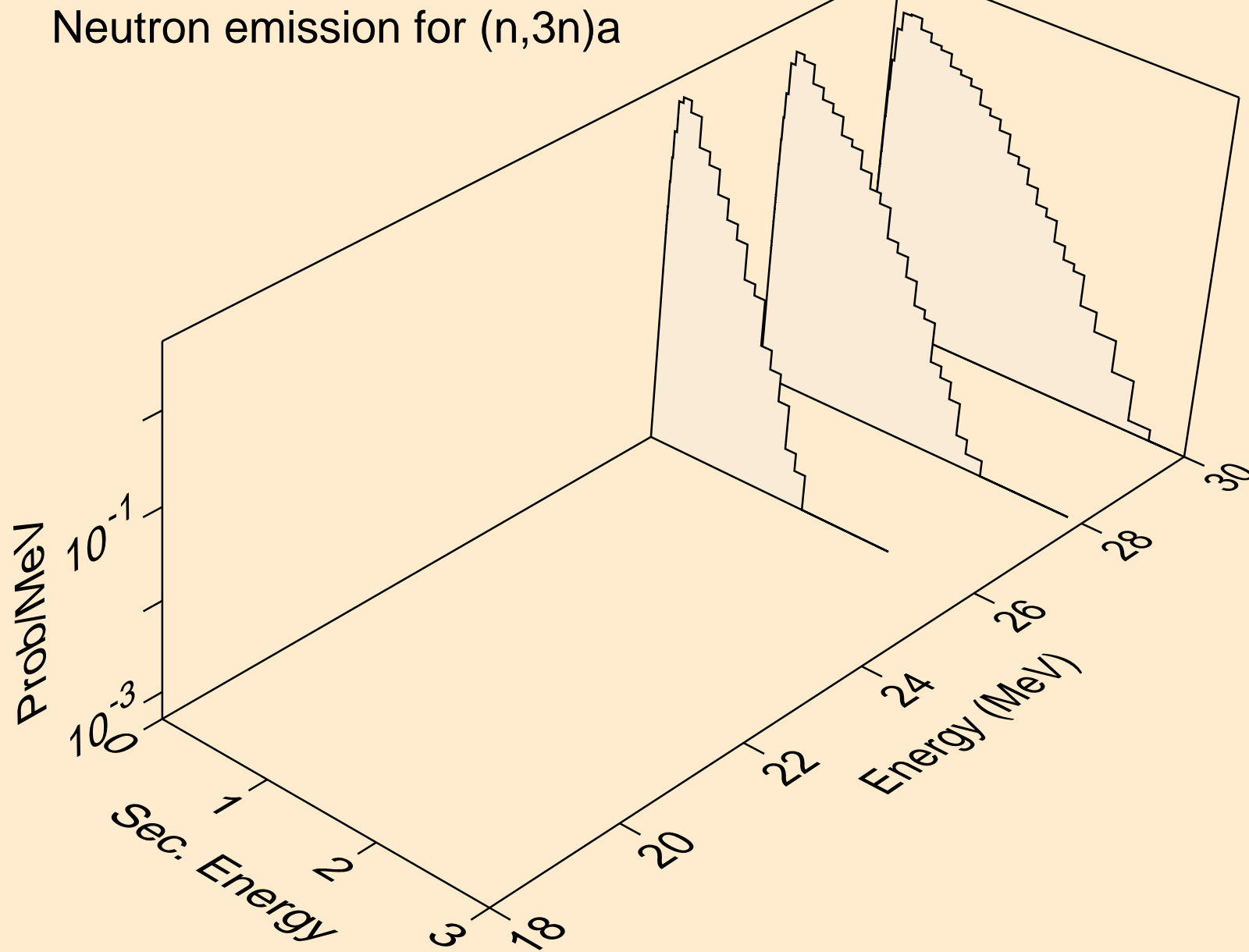
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Neutron emission for (n,n\*)a



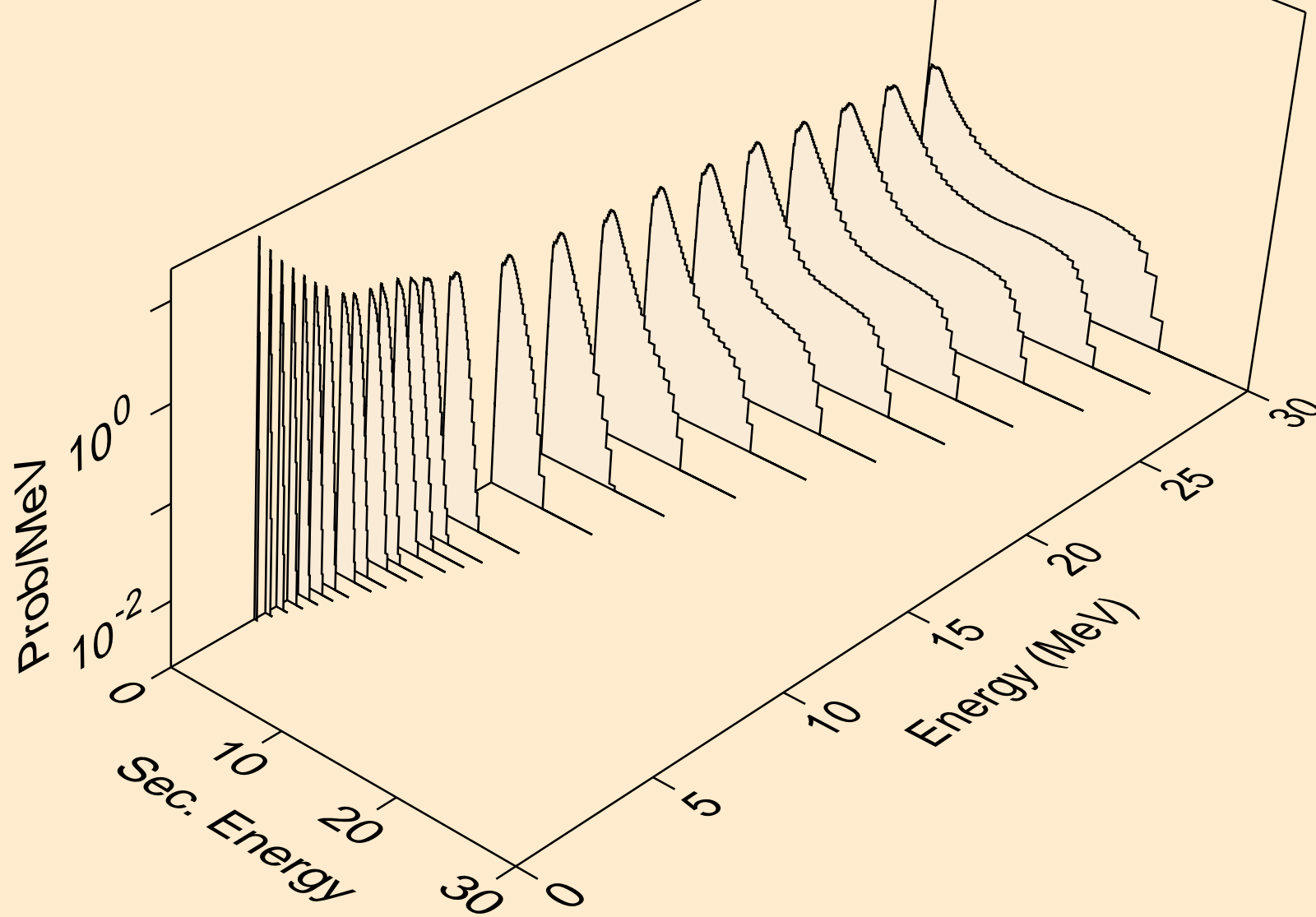
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Neutron emission for (n,2n)a



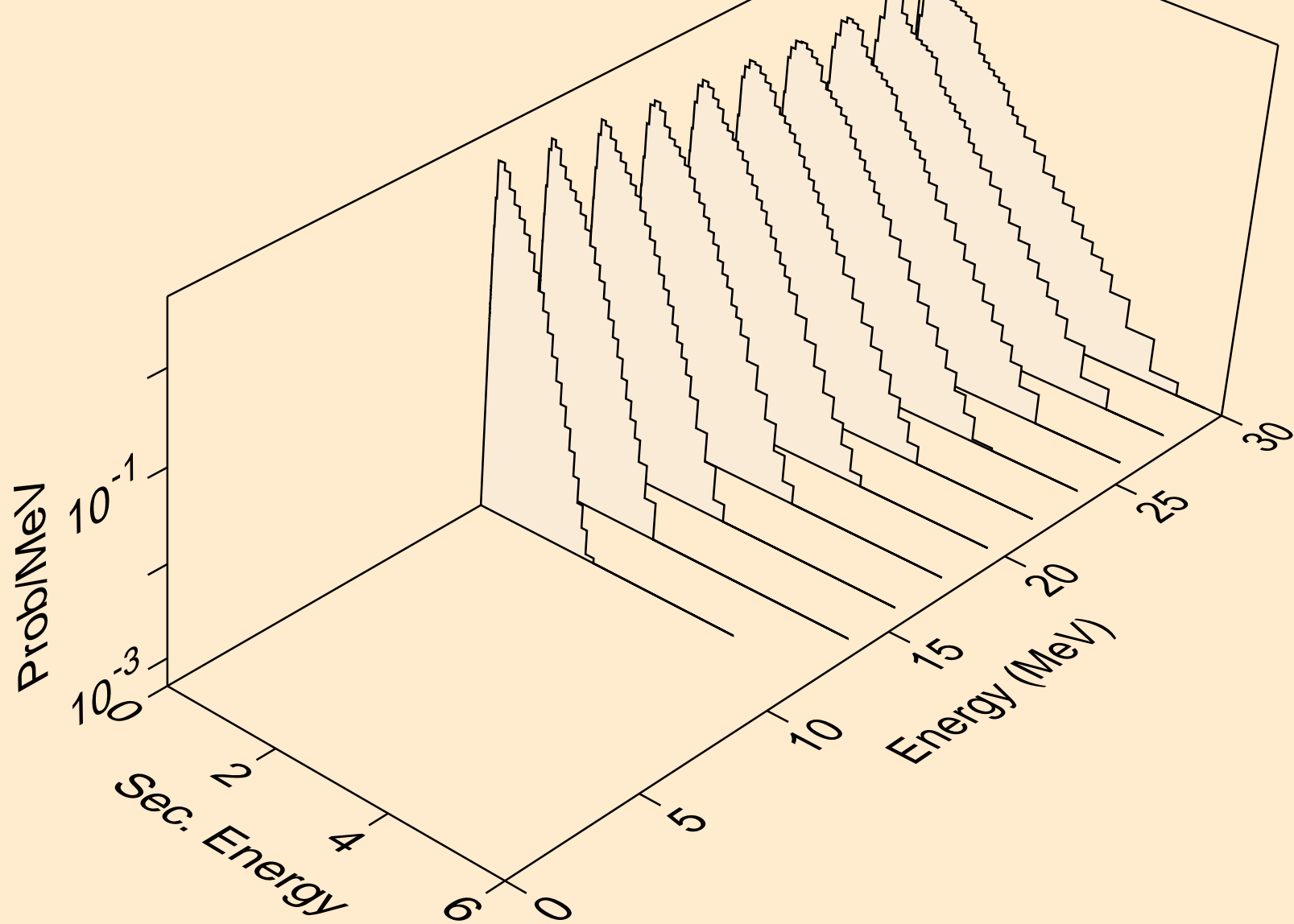
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Neutron emission for (n,3n)a



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

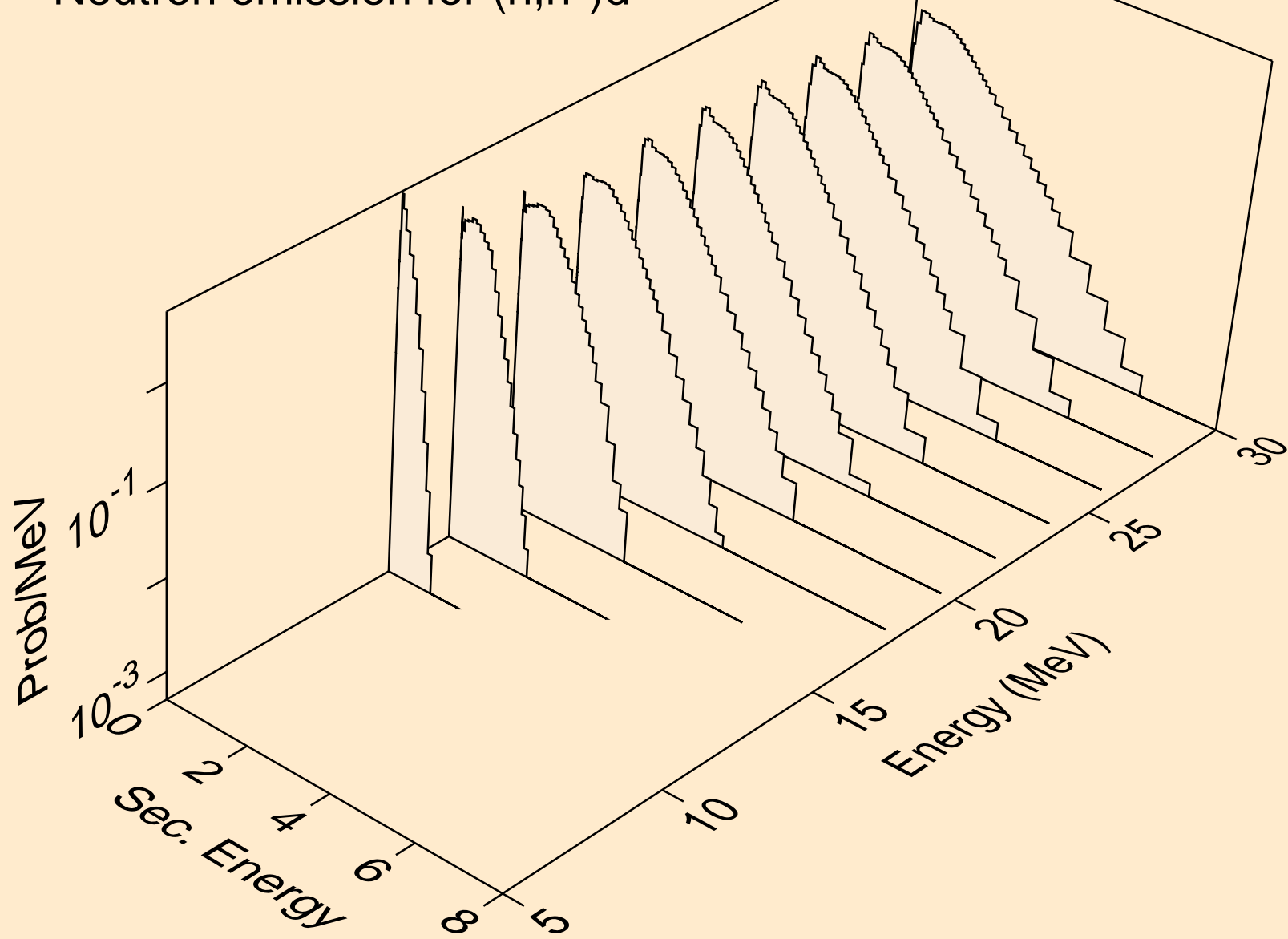


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Neutron emission for (n,n\*)2a

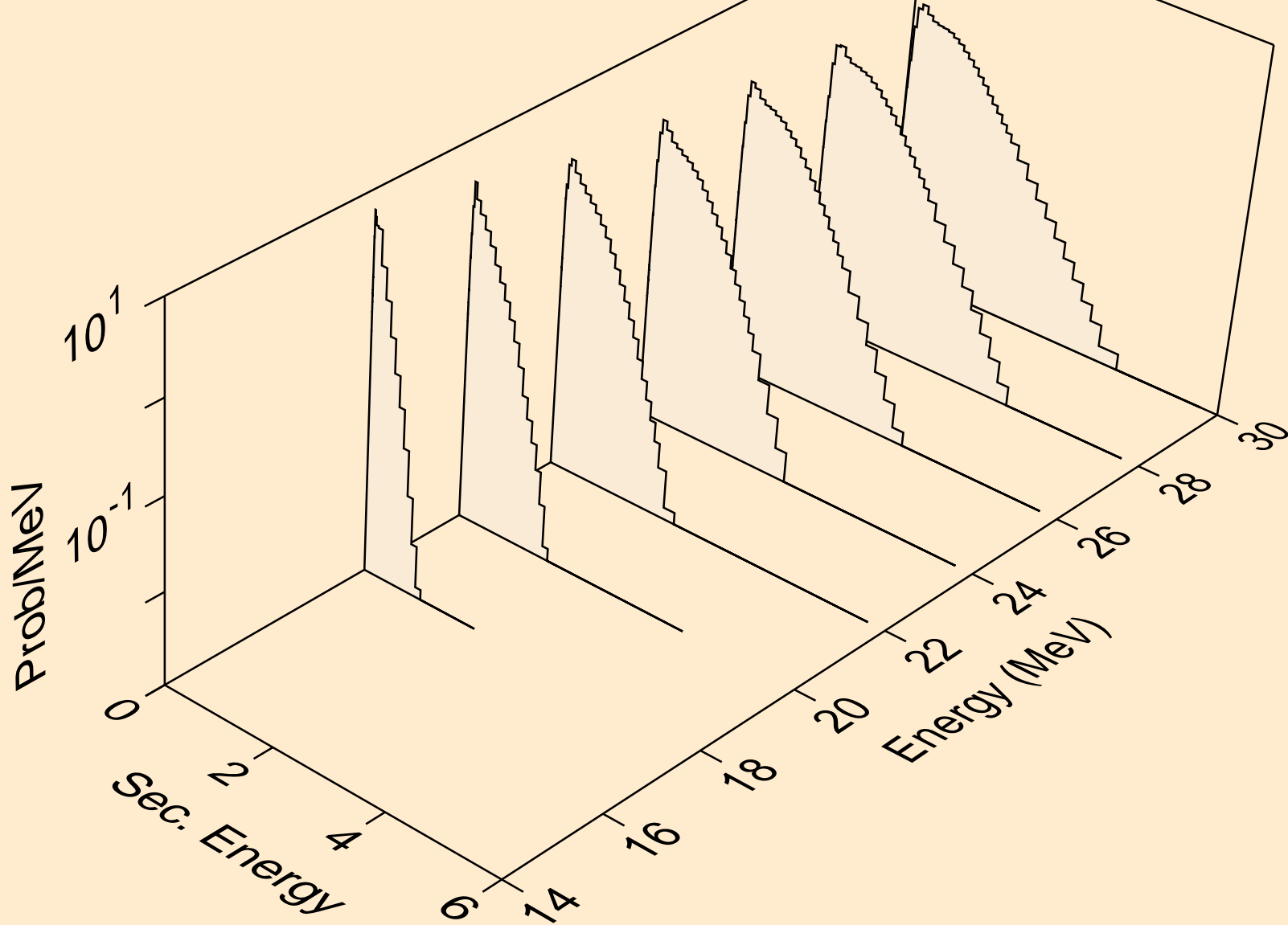




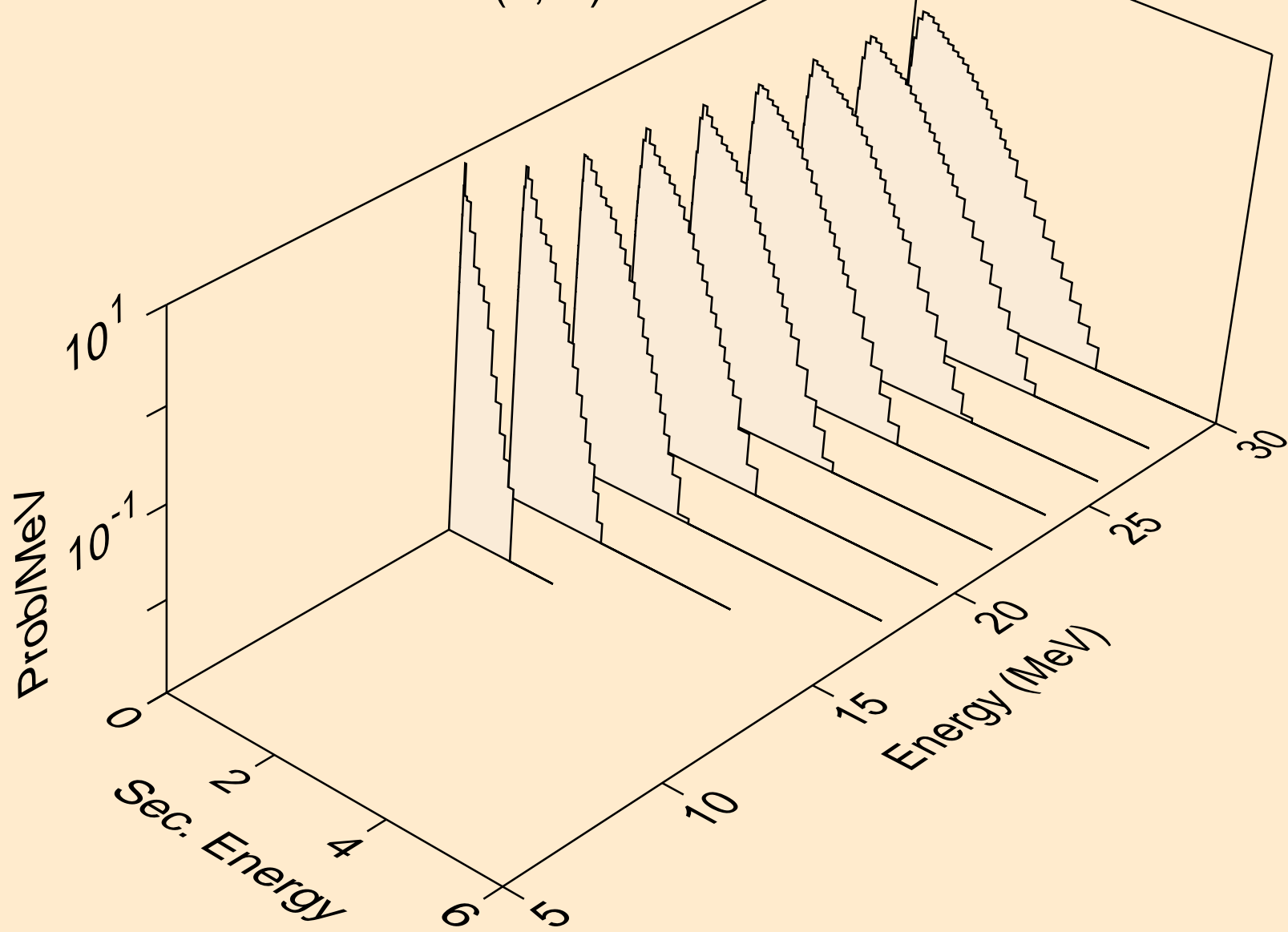
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Neutron emission for (n,n\*)d



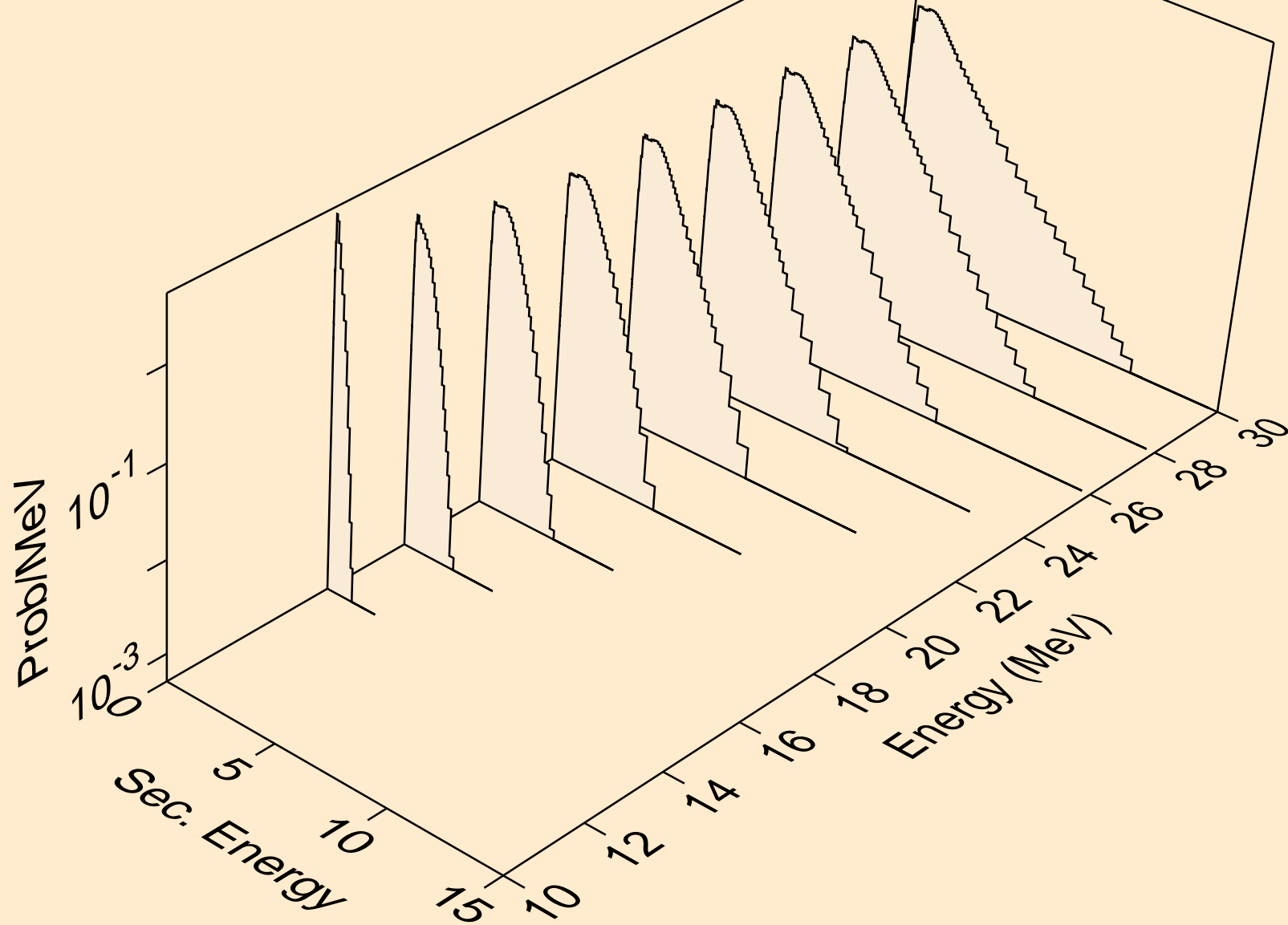
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



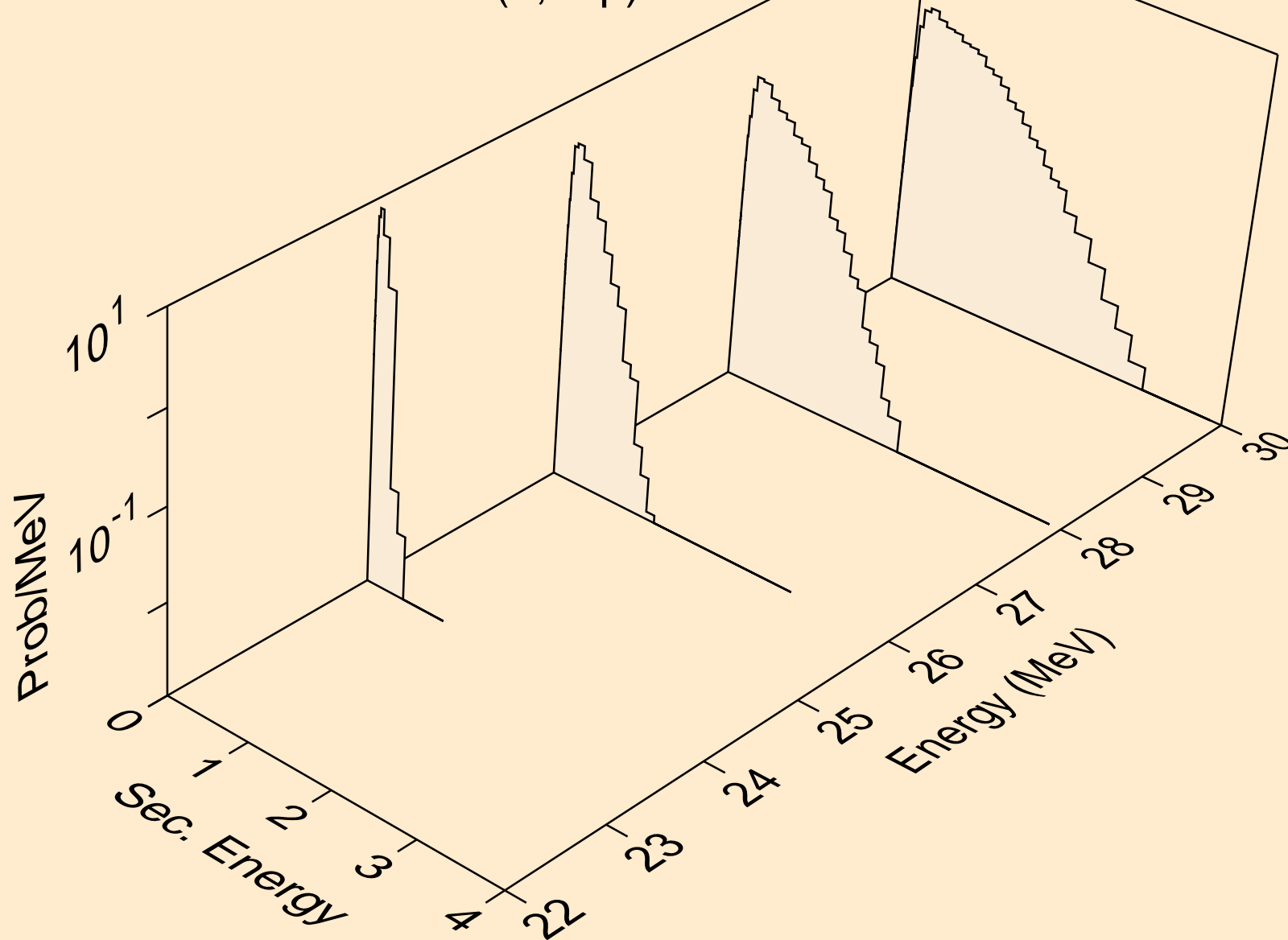
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Neutron emission for (n,n\*)he3



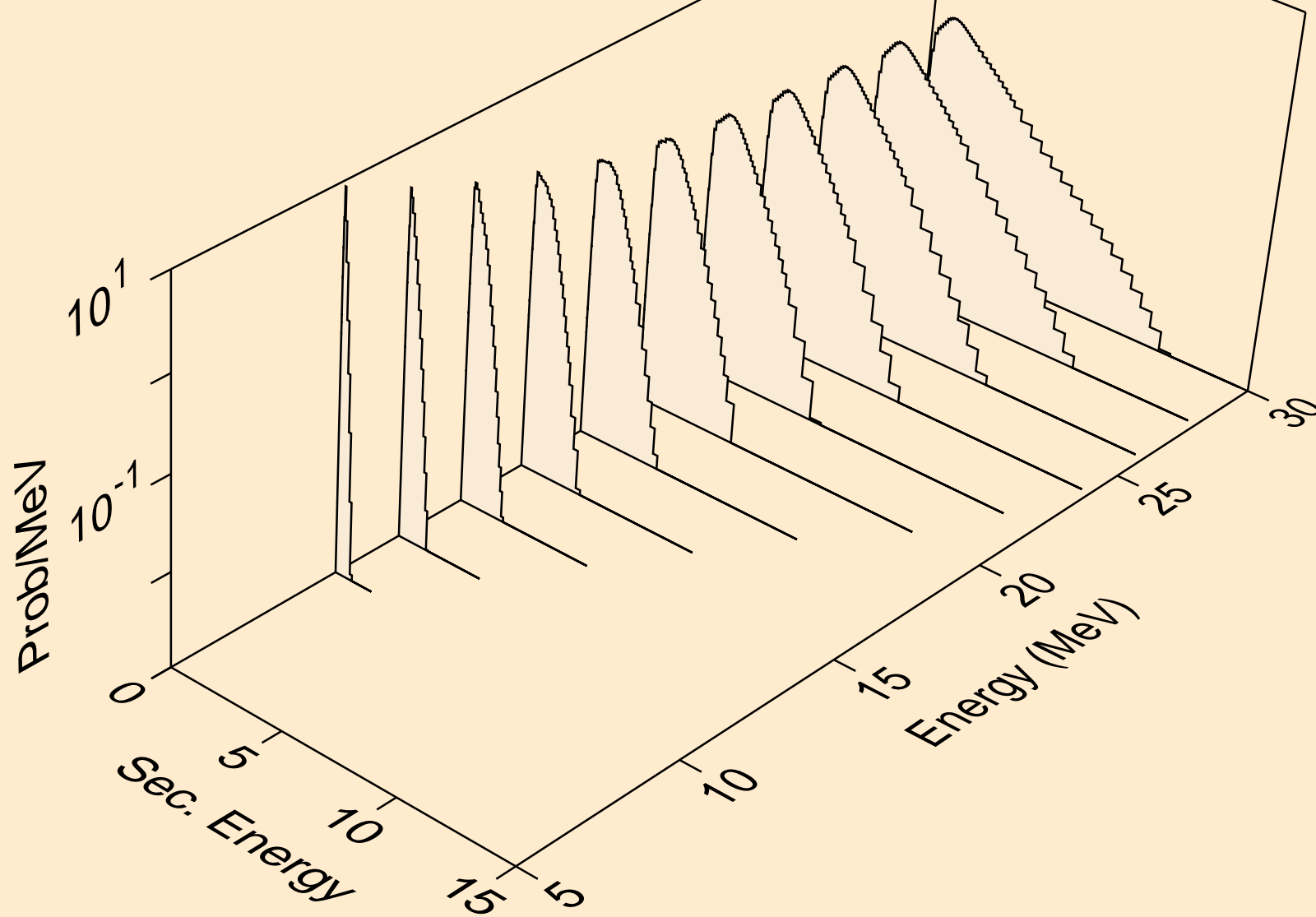
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Neutron emission for (n,2np)



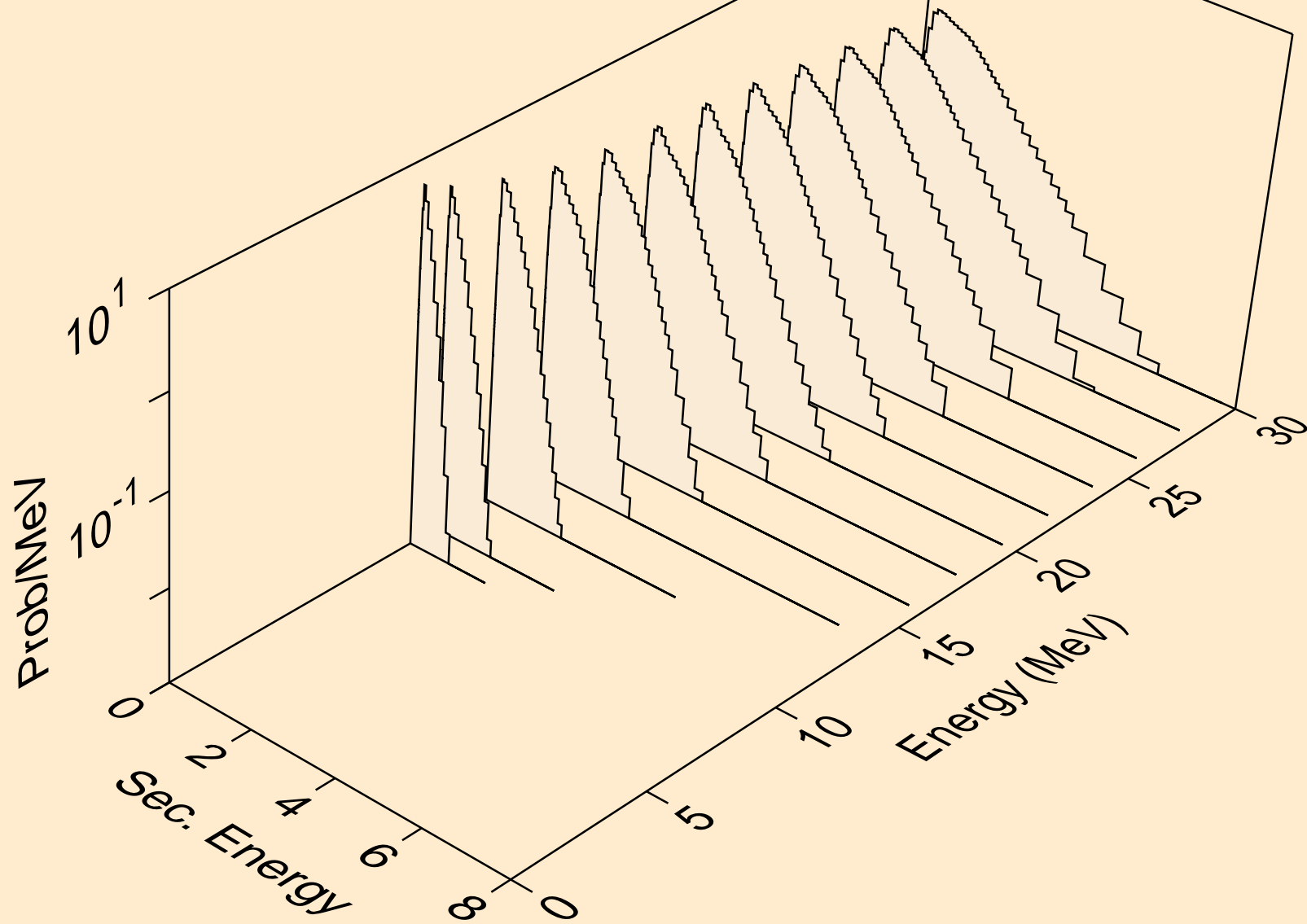
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Neutron emission for (n,3np)



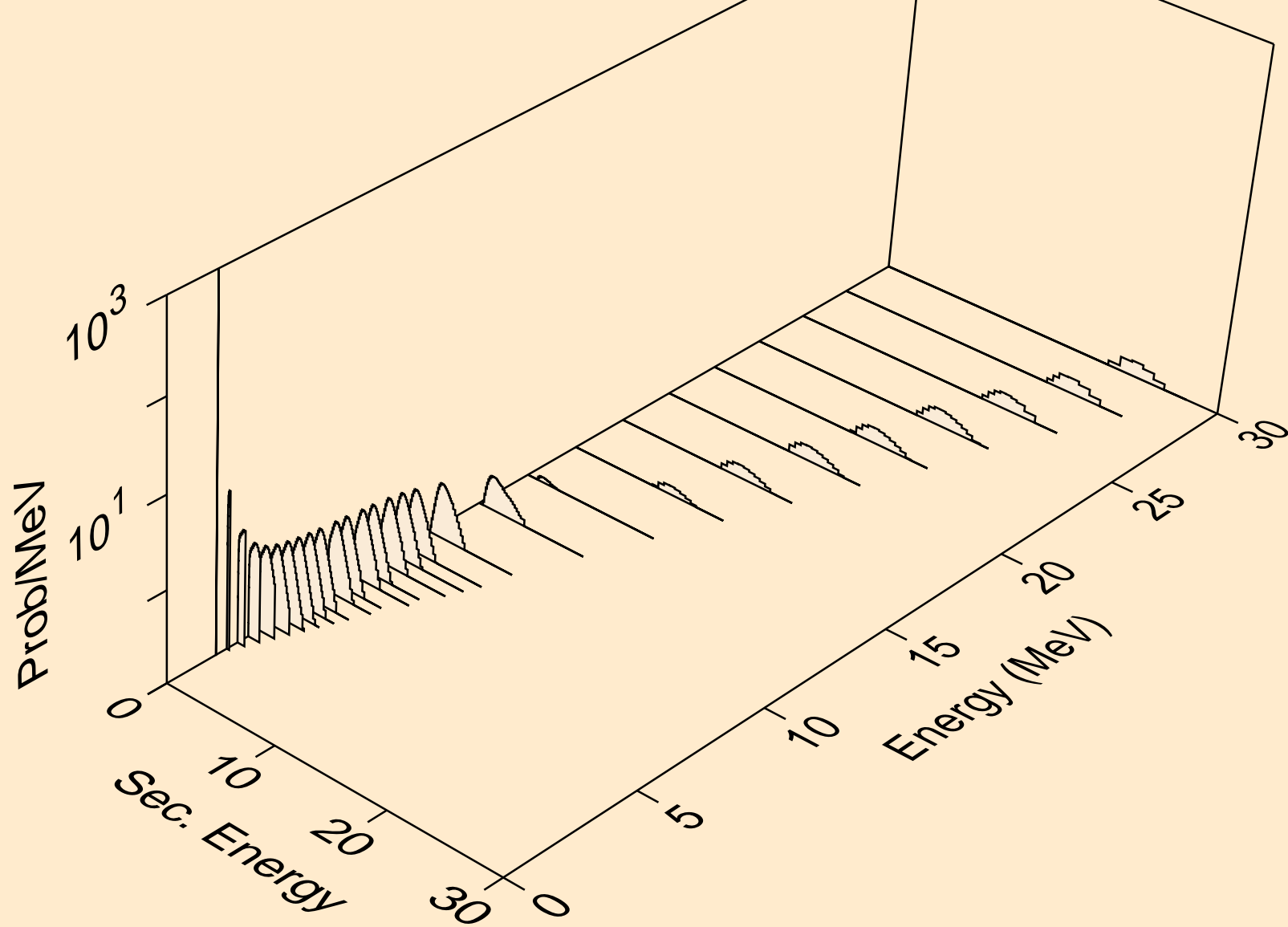
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Neutron emission for (n,n2p)



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

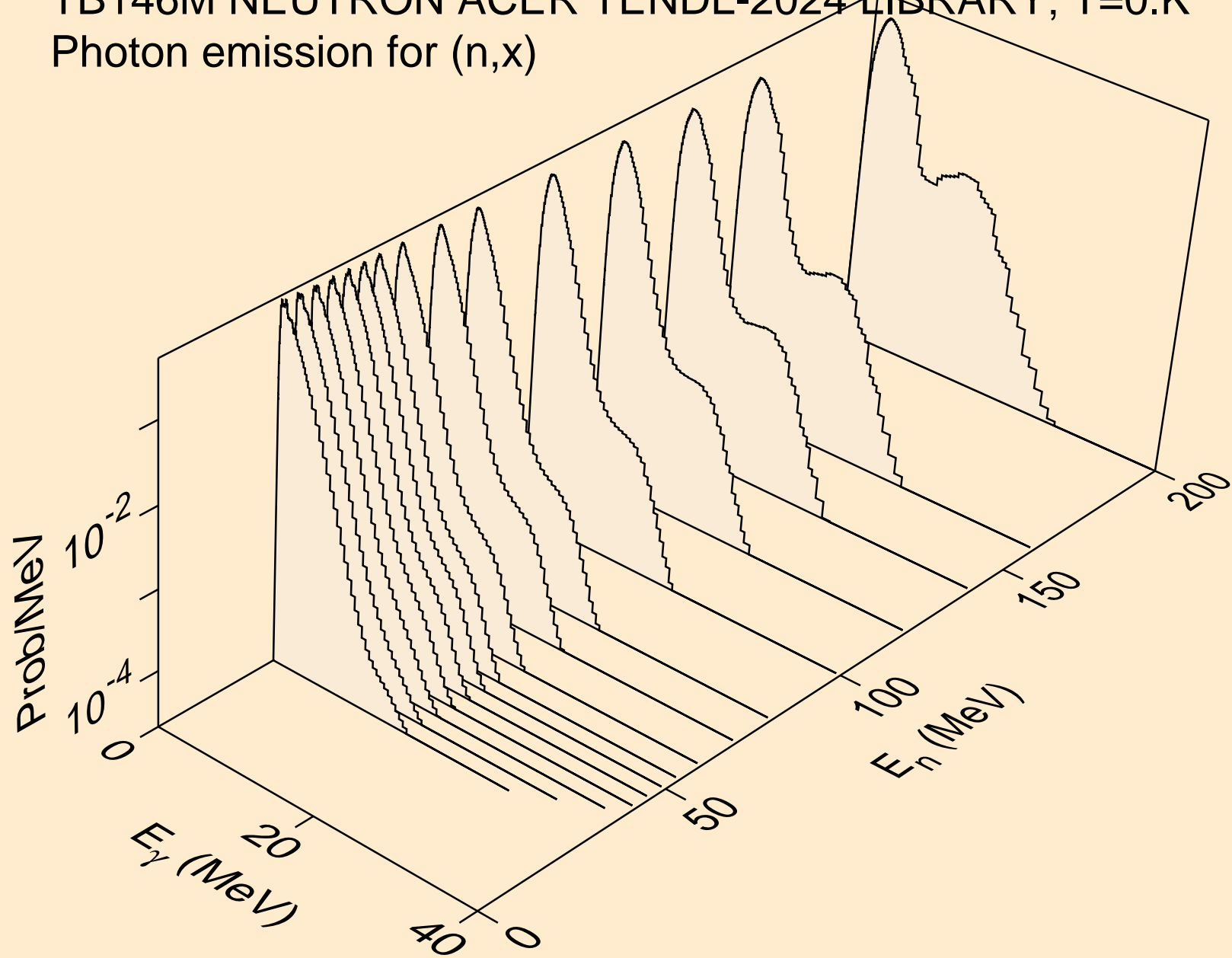


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Neutron emission for (n,n\*c)

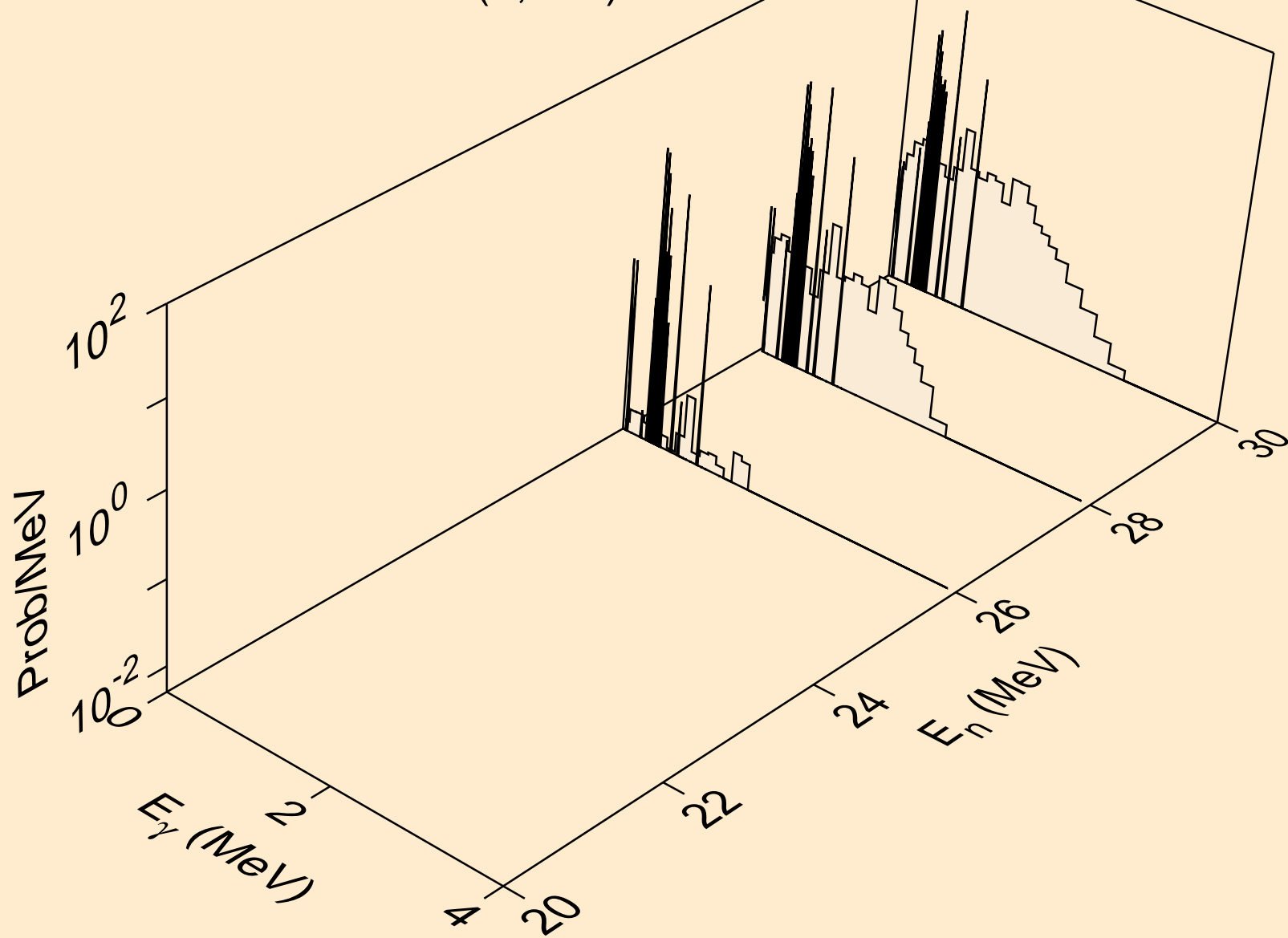




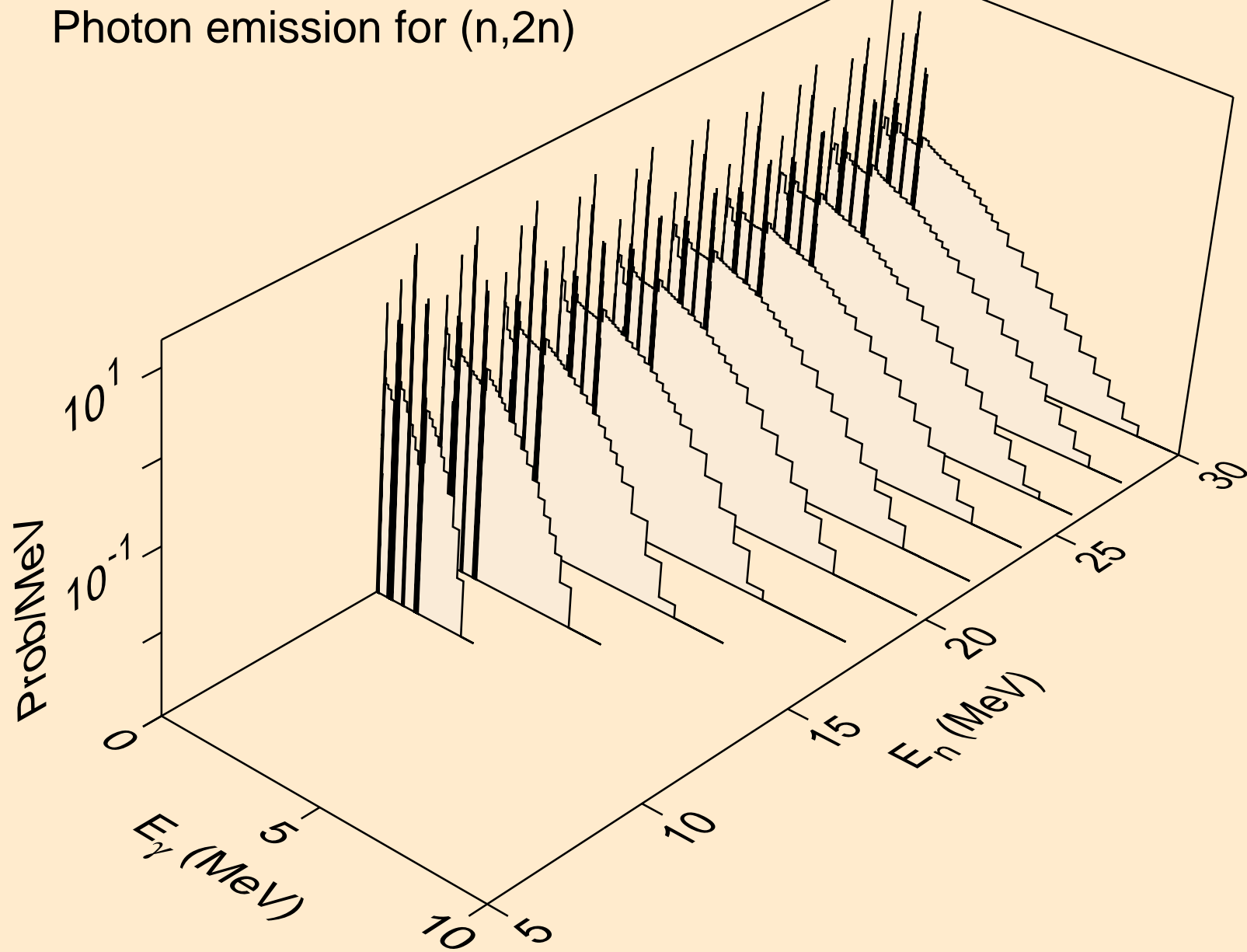
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Photon emission for (n,x)



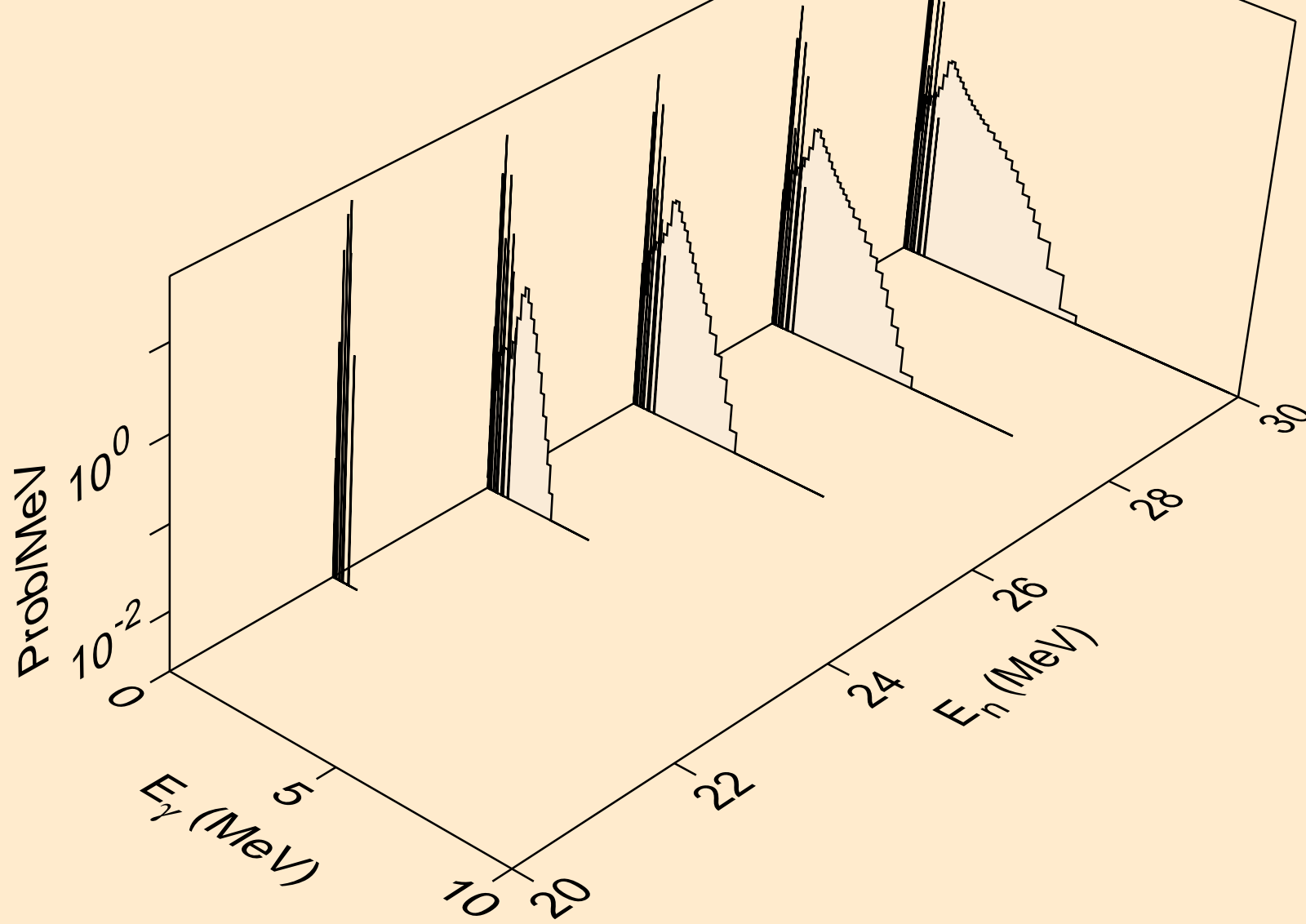
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Photon emission for (n,2nd)



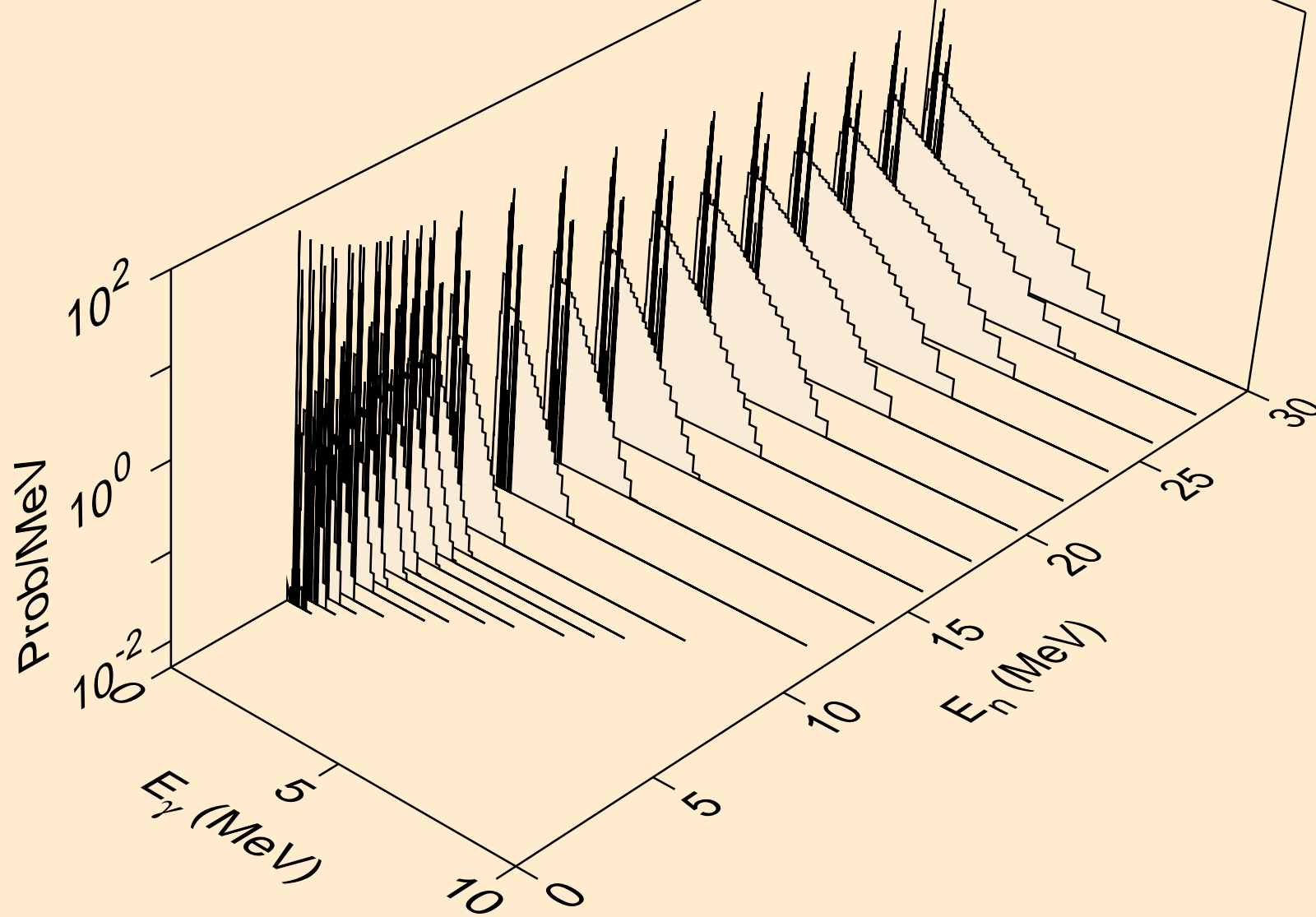
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Photon emission for (n,2n)



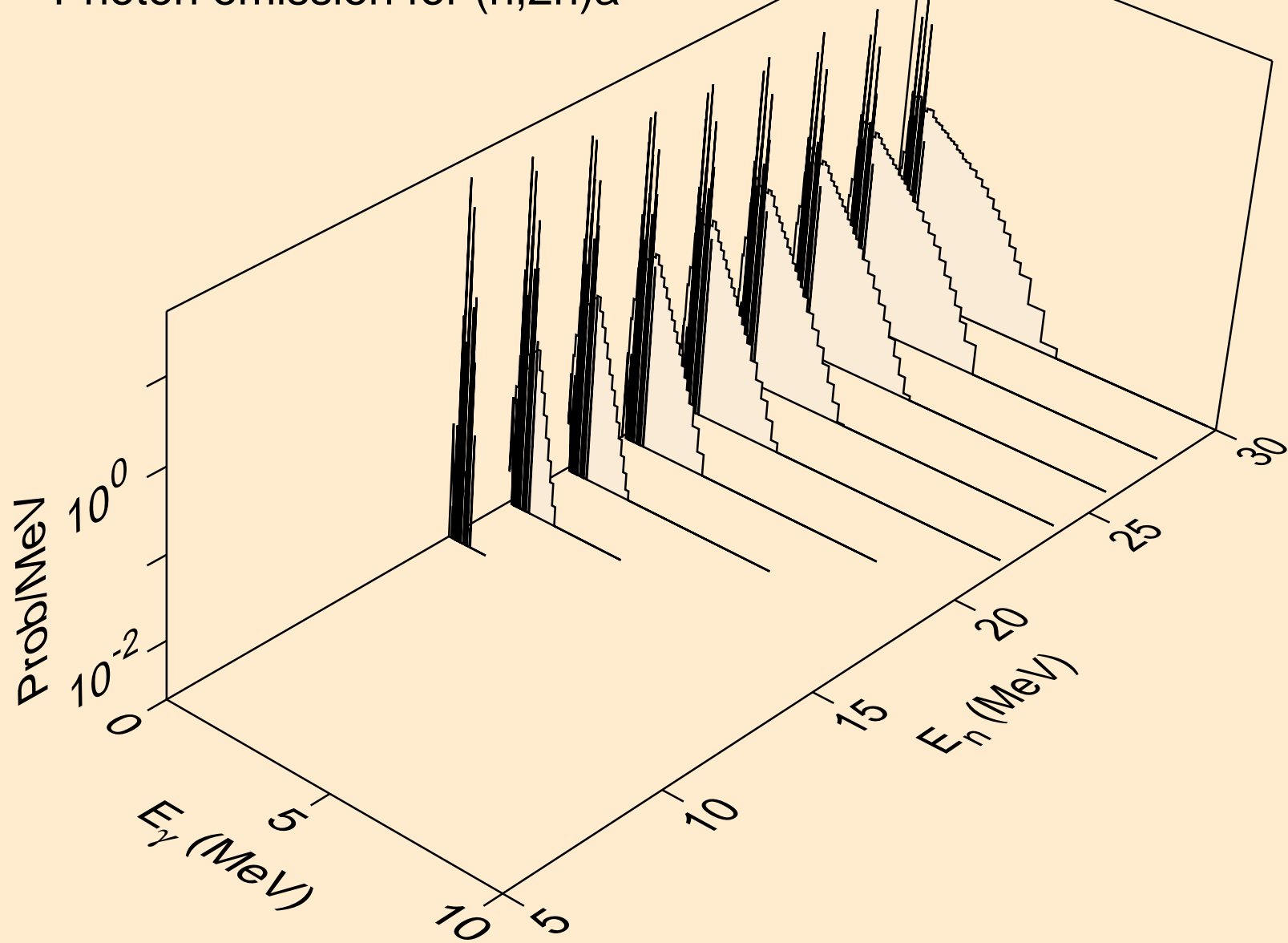
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Photon emission for (n,3n)



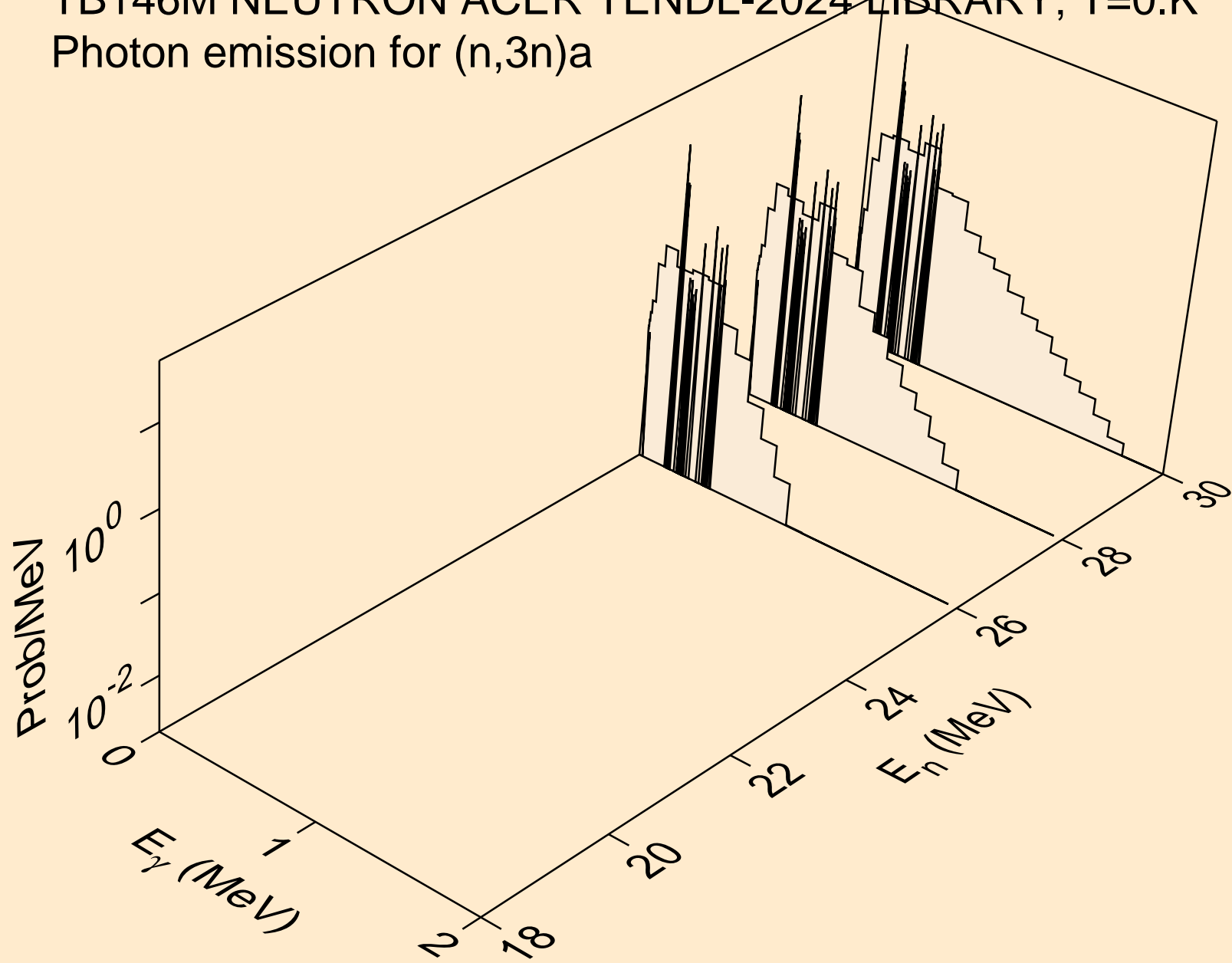
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Photon emission for (n,n\*)a



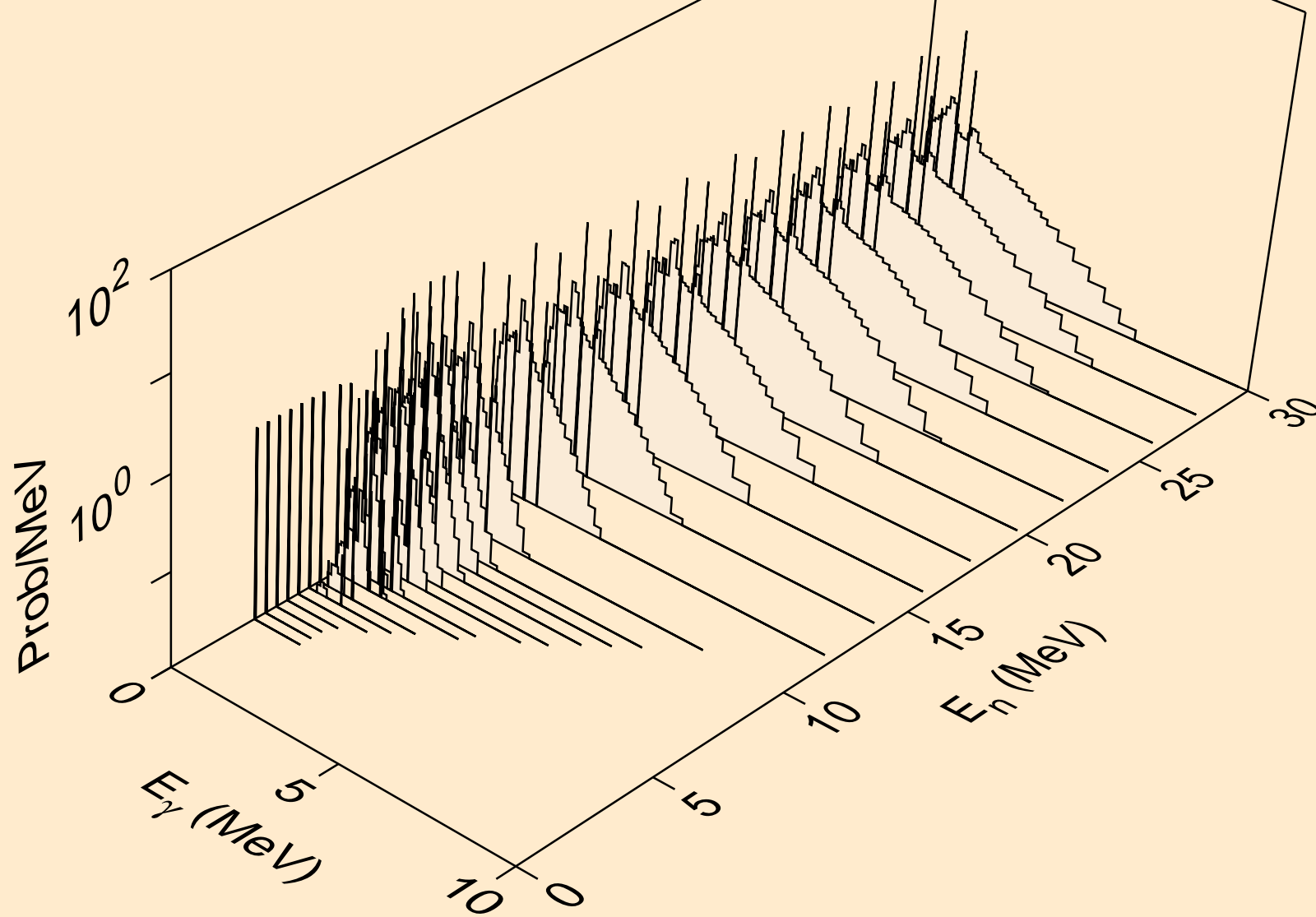
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

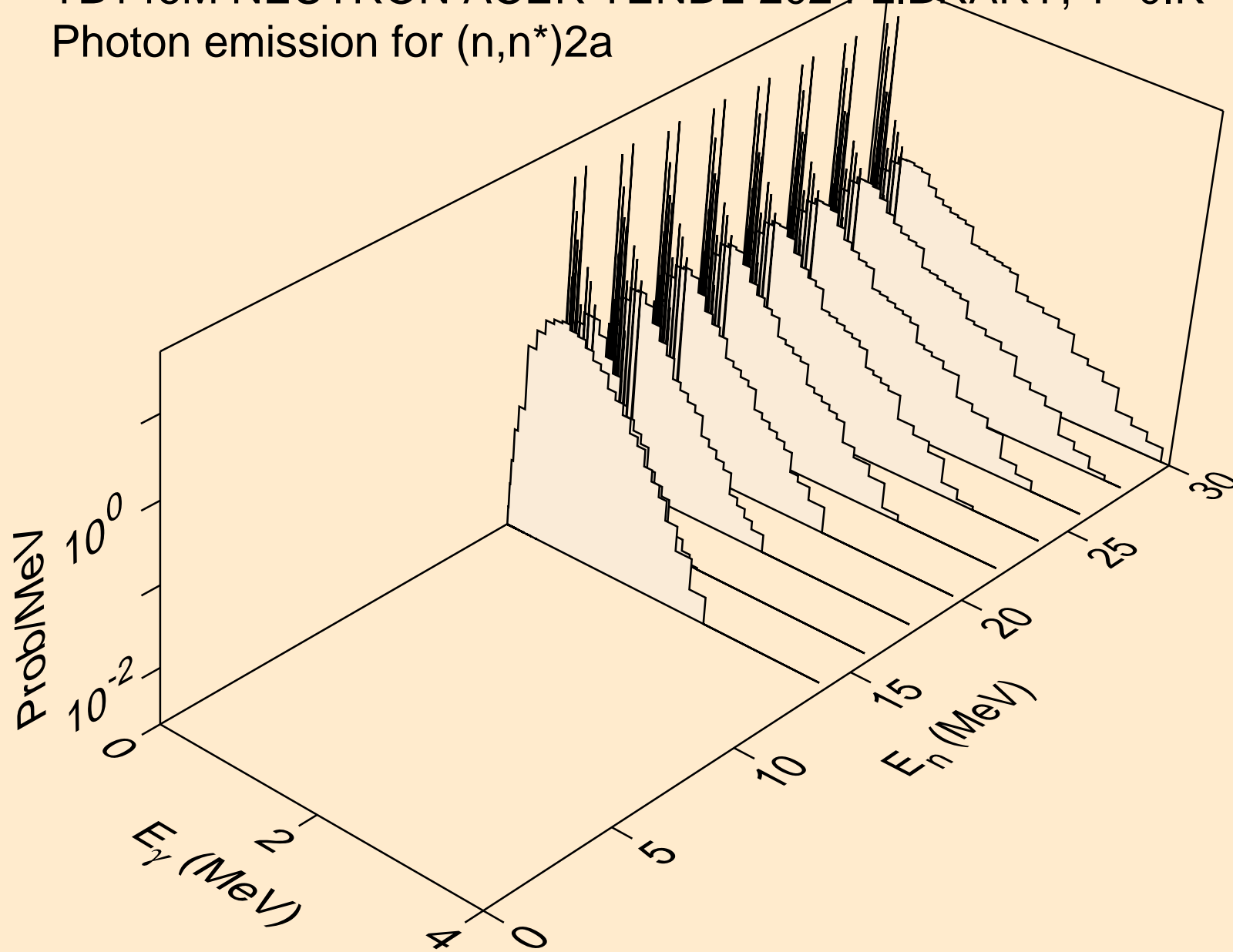


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Photon emission for (n,n\*)p

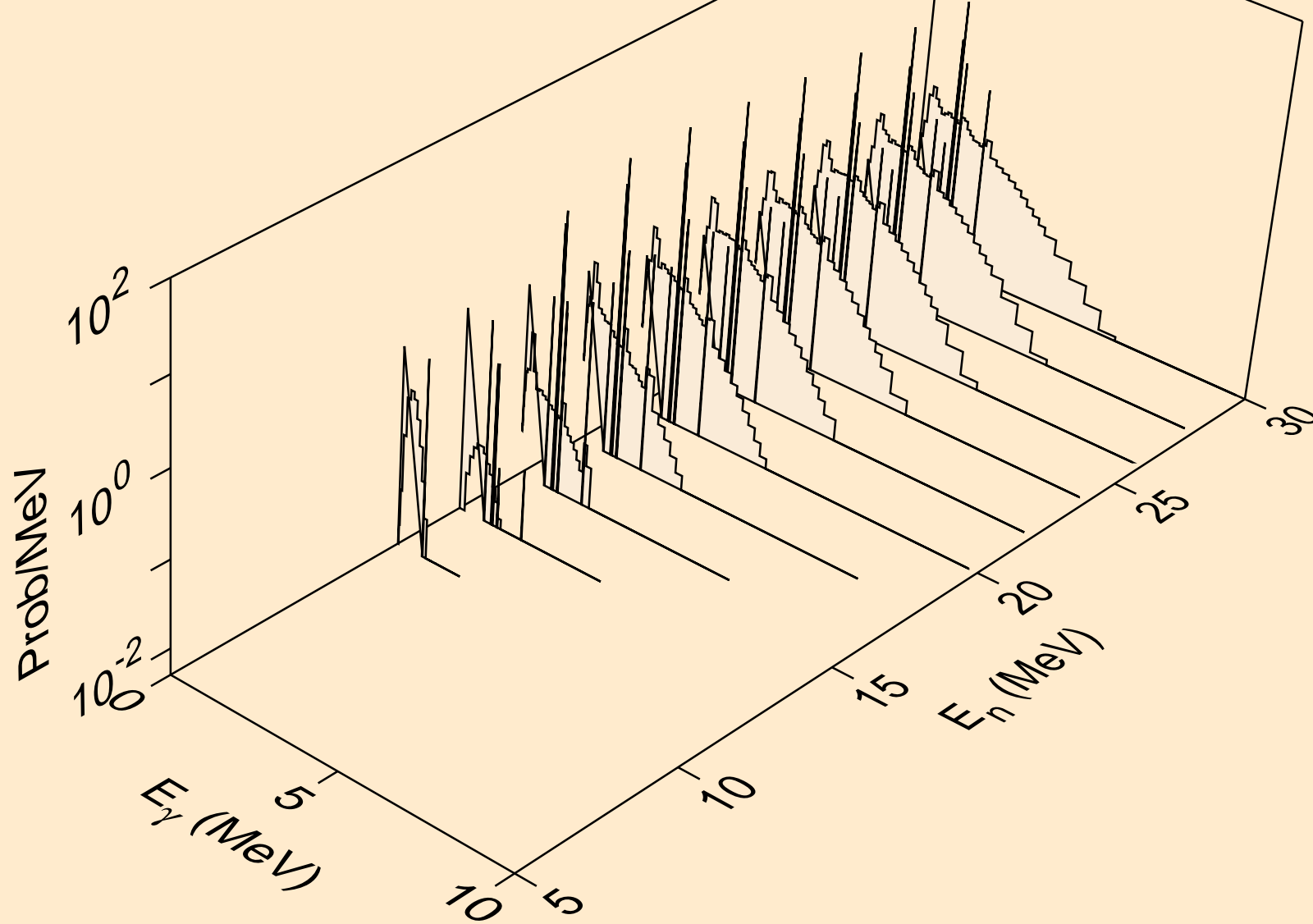




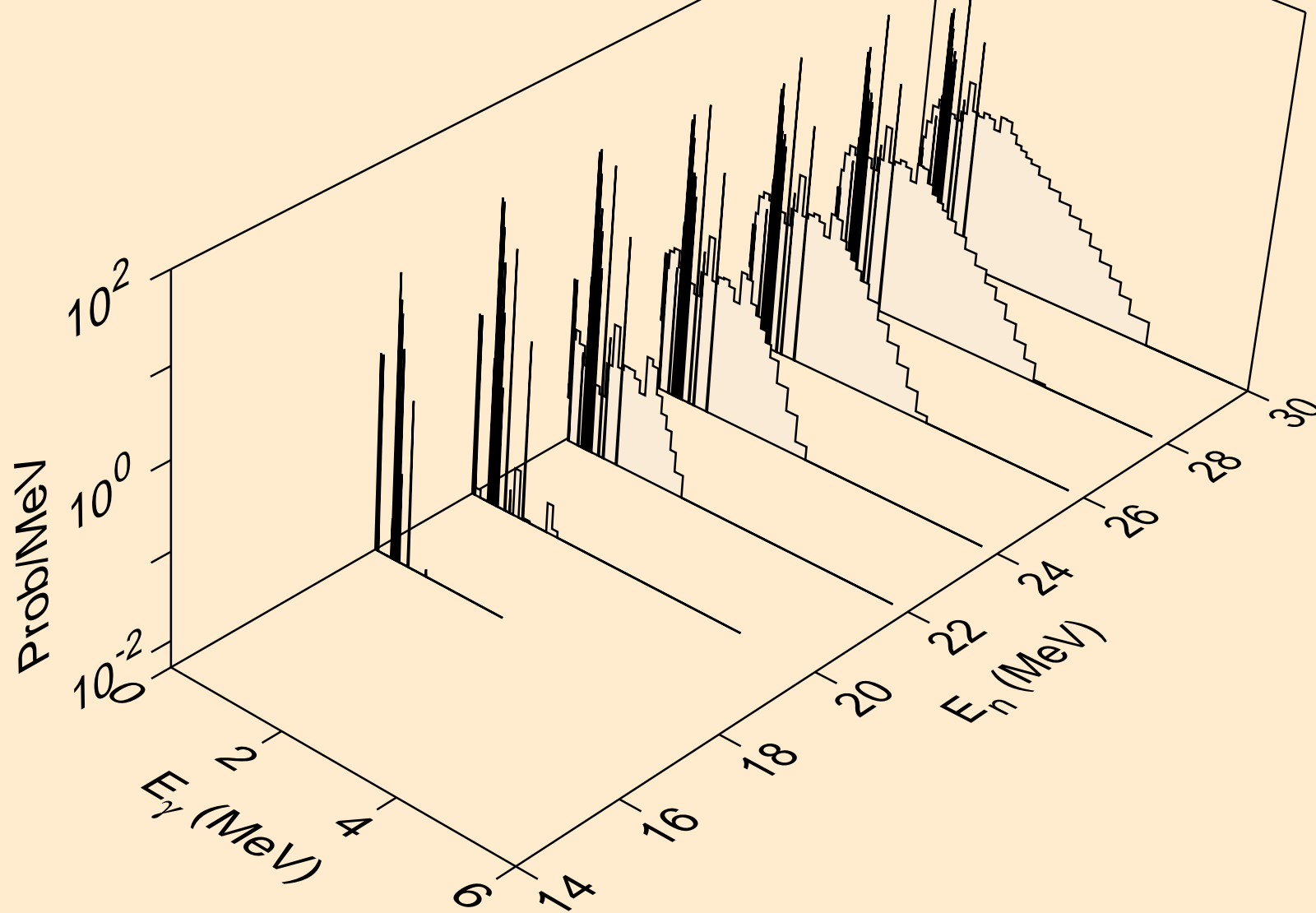
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Photon emission for (n,n\*)2a



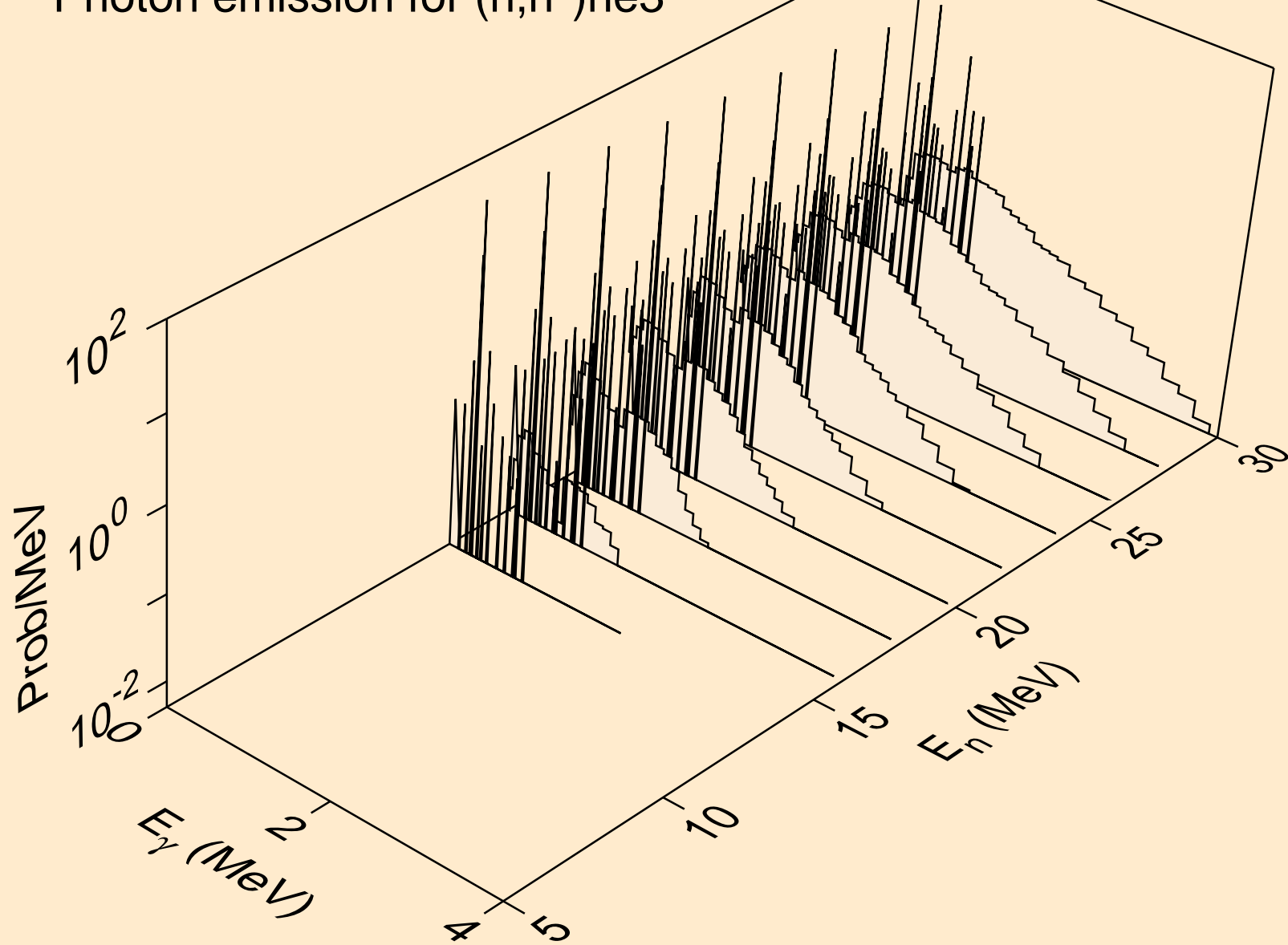
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Photon emission for (n,n\*)d



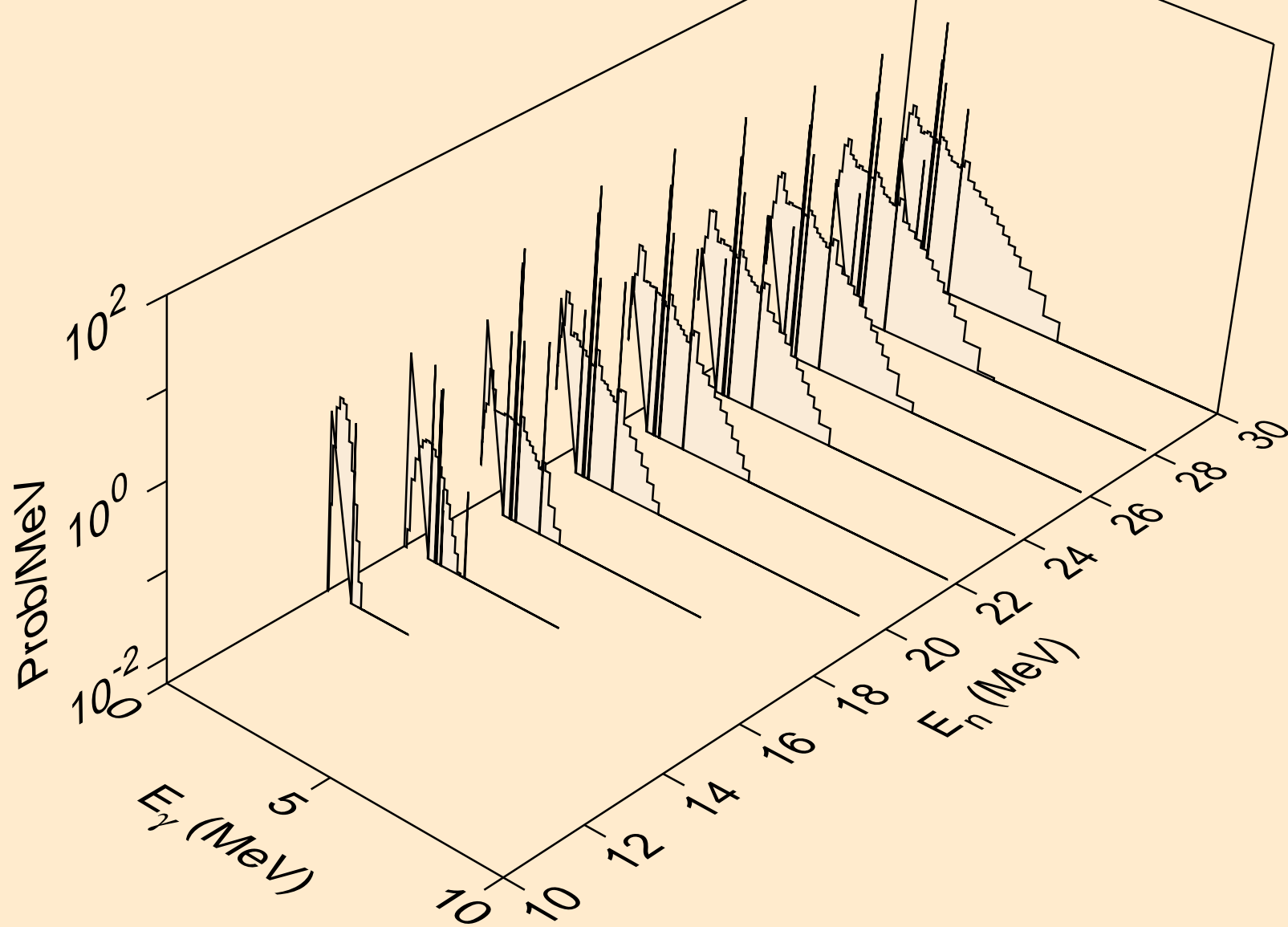
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Photon emission for (n,n\*)t



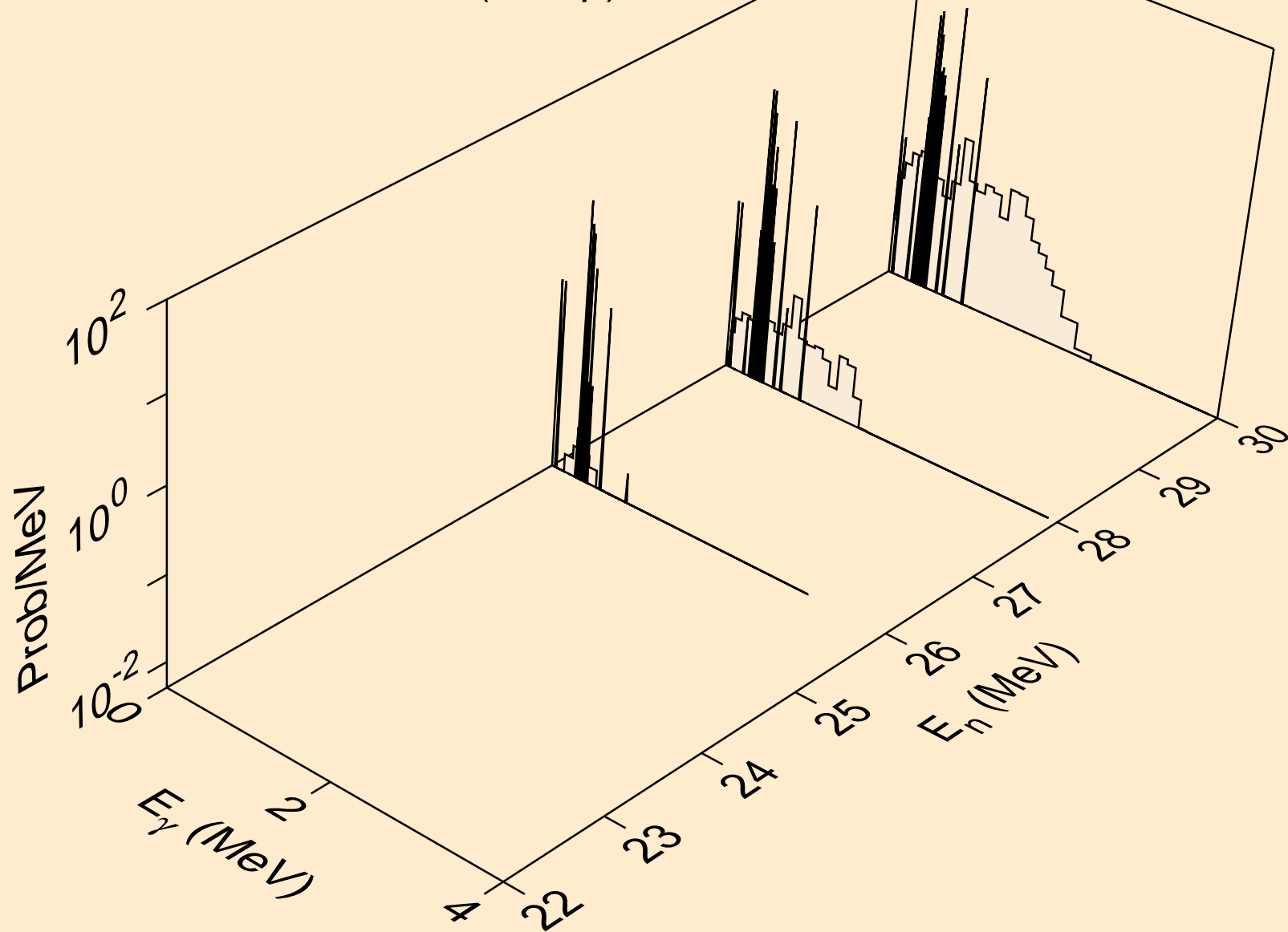
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Photon emission for (n,n\*)he3



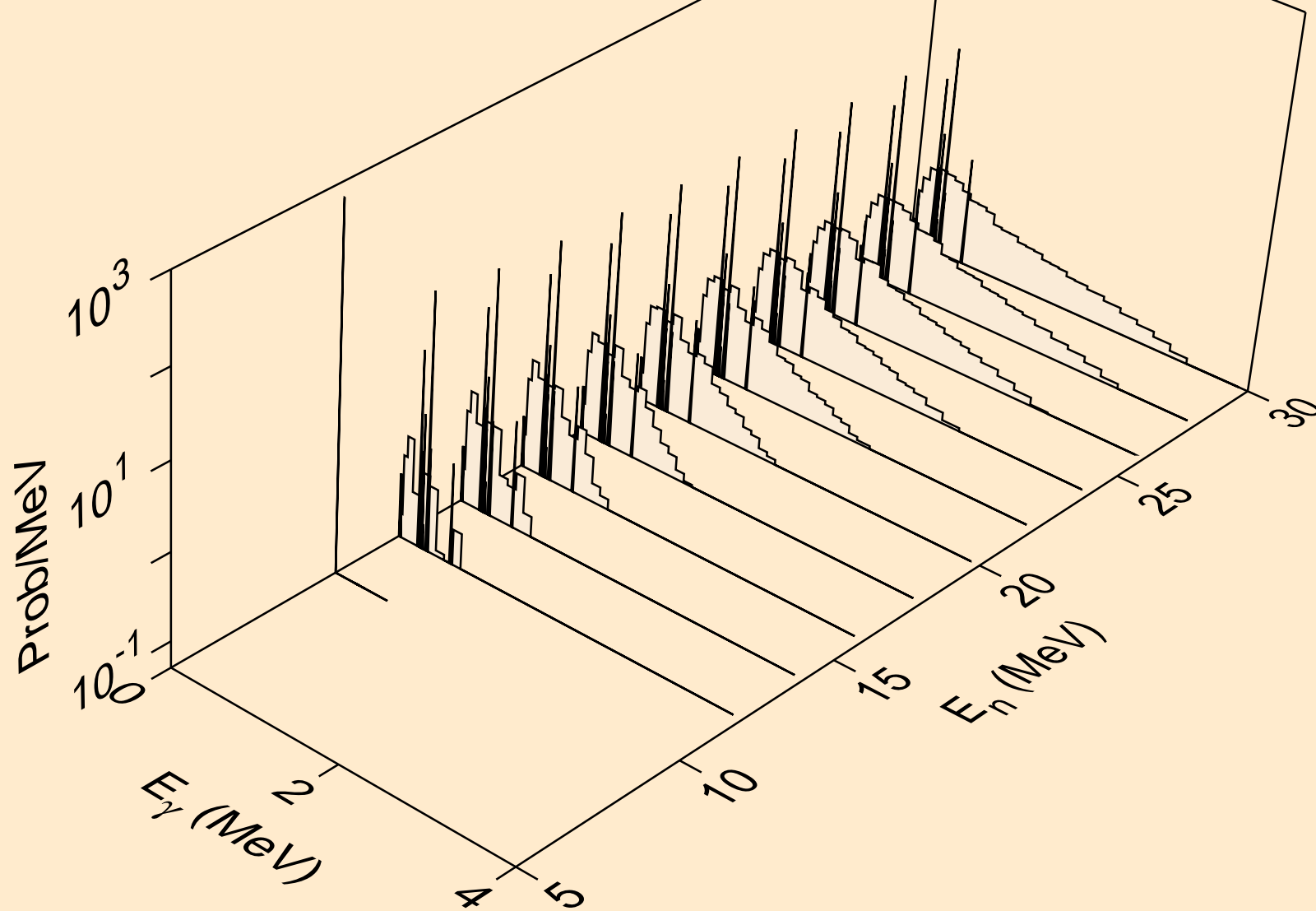
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Photon emission for (n,2np)



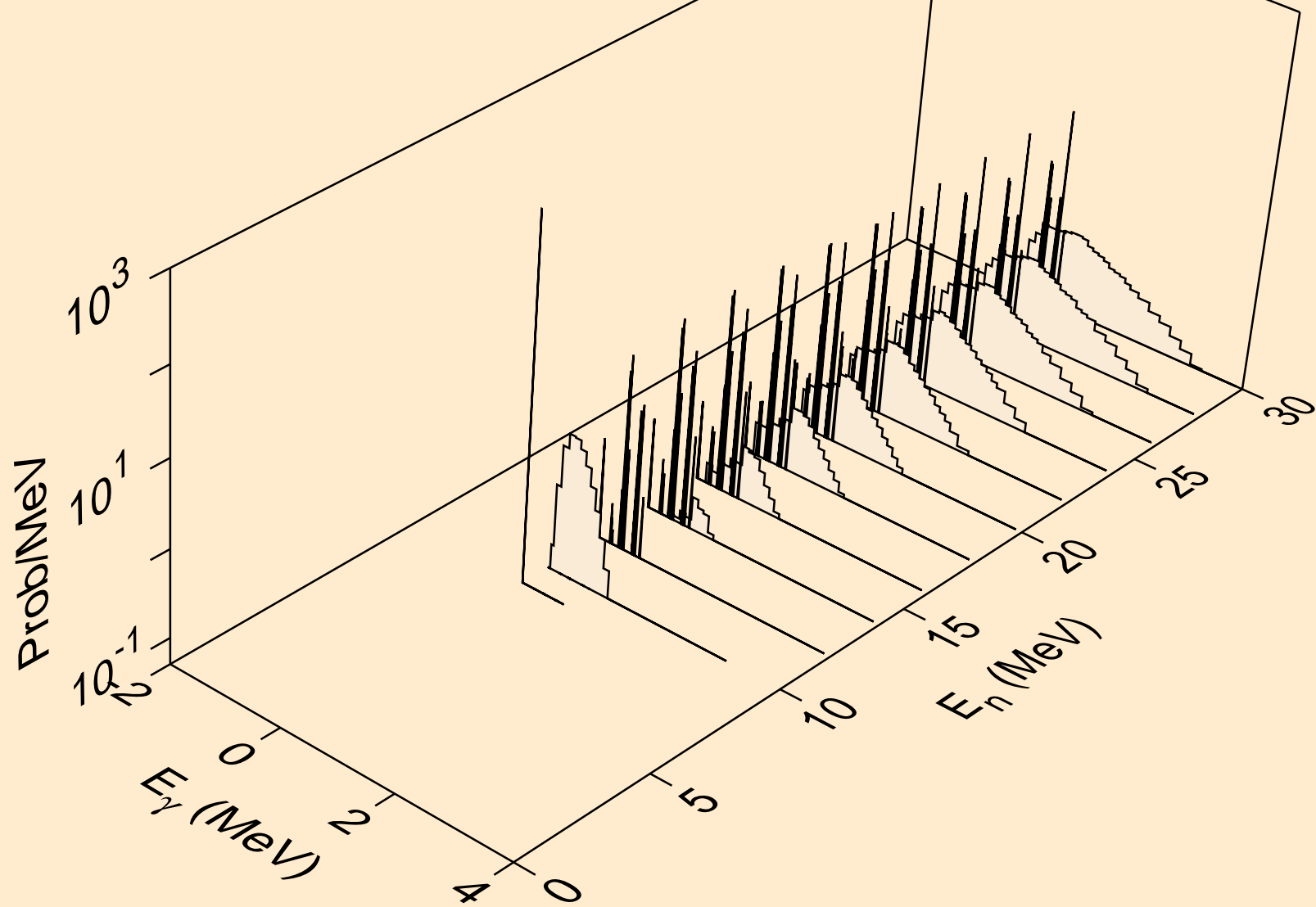
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

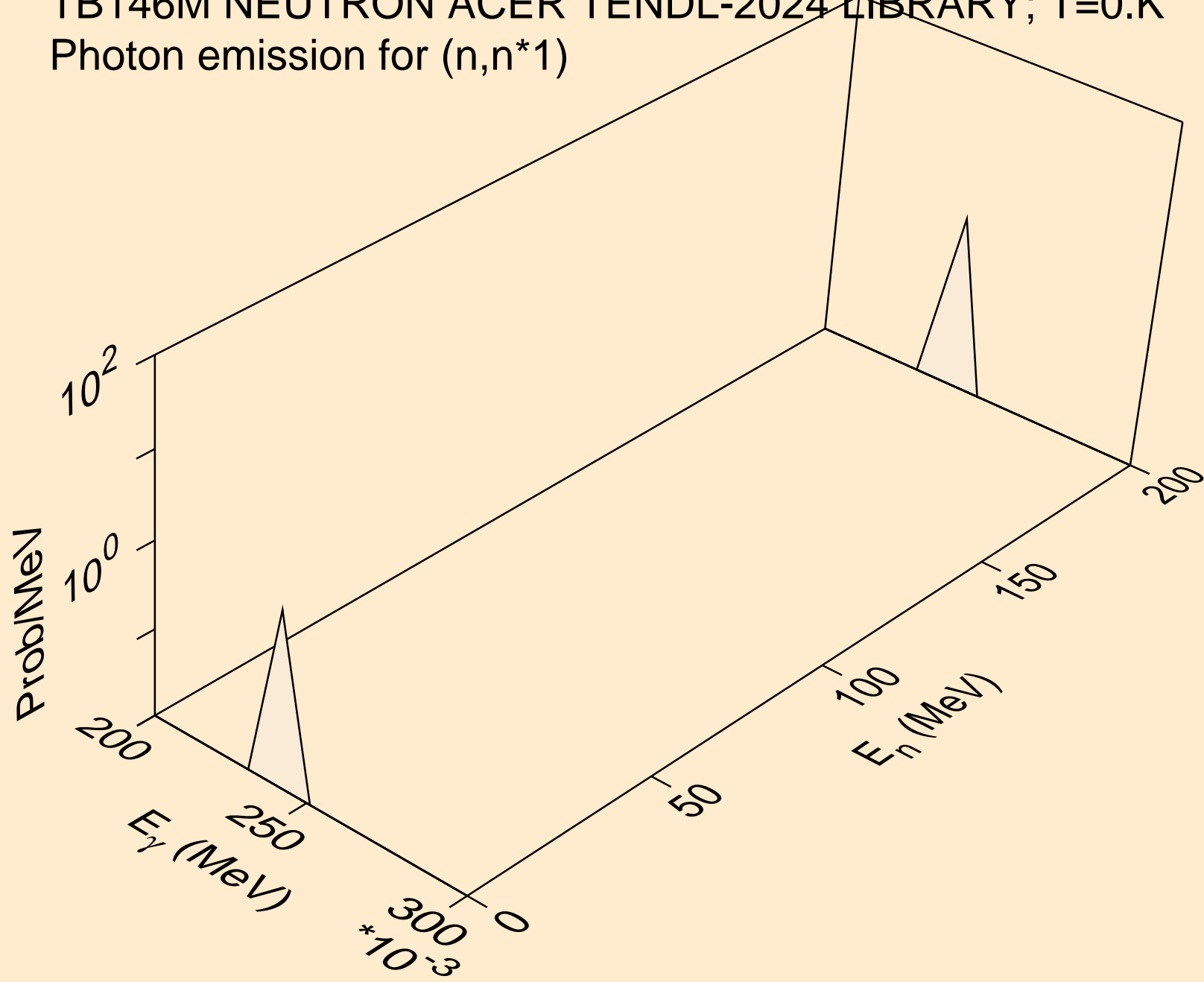


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Photon emission for (n,npa)

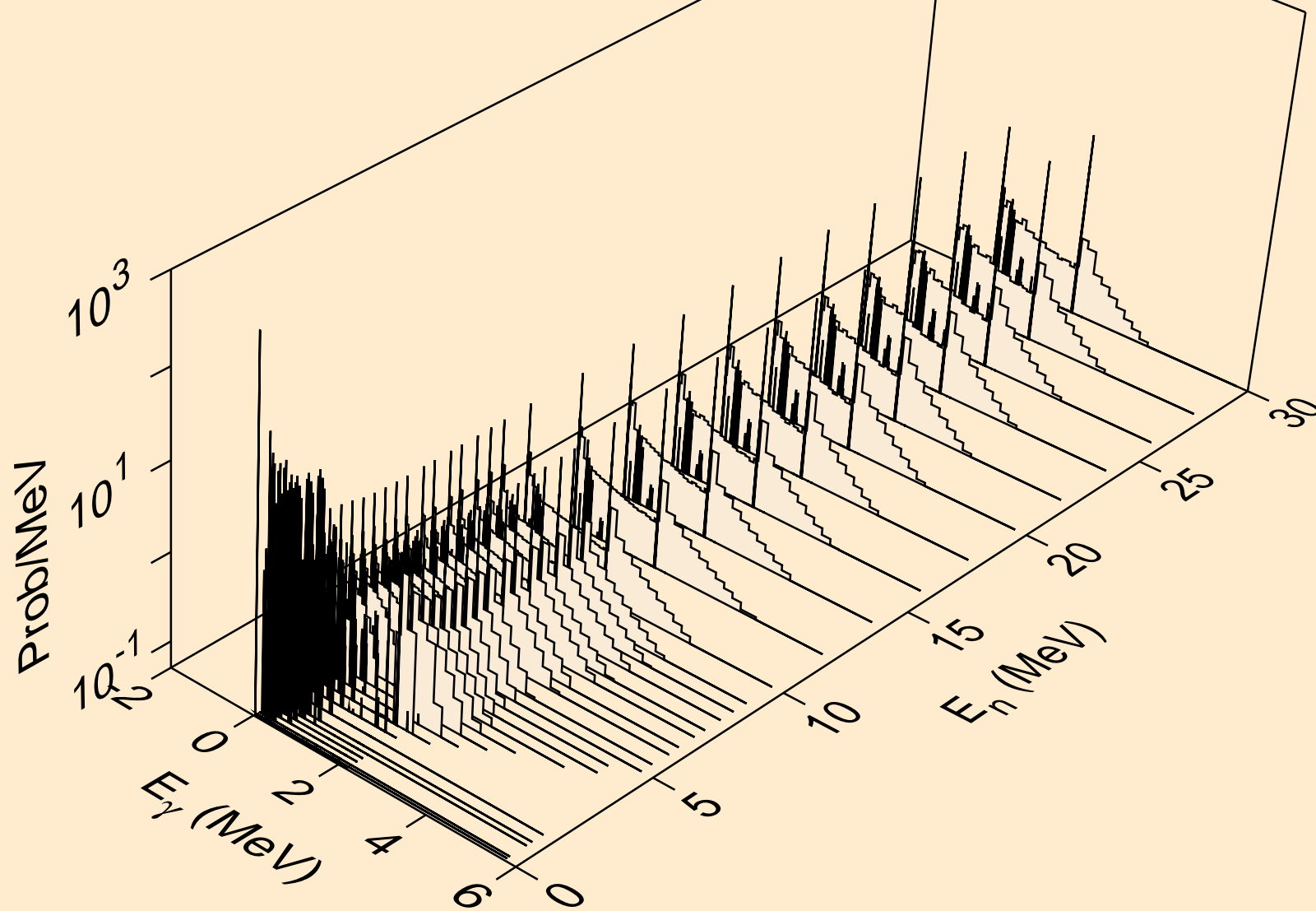




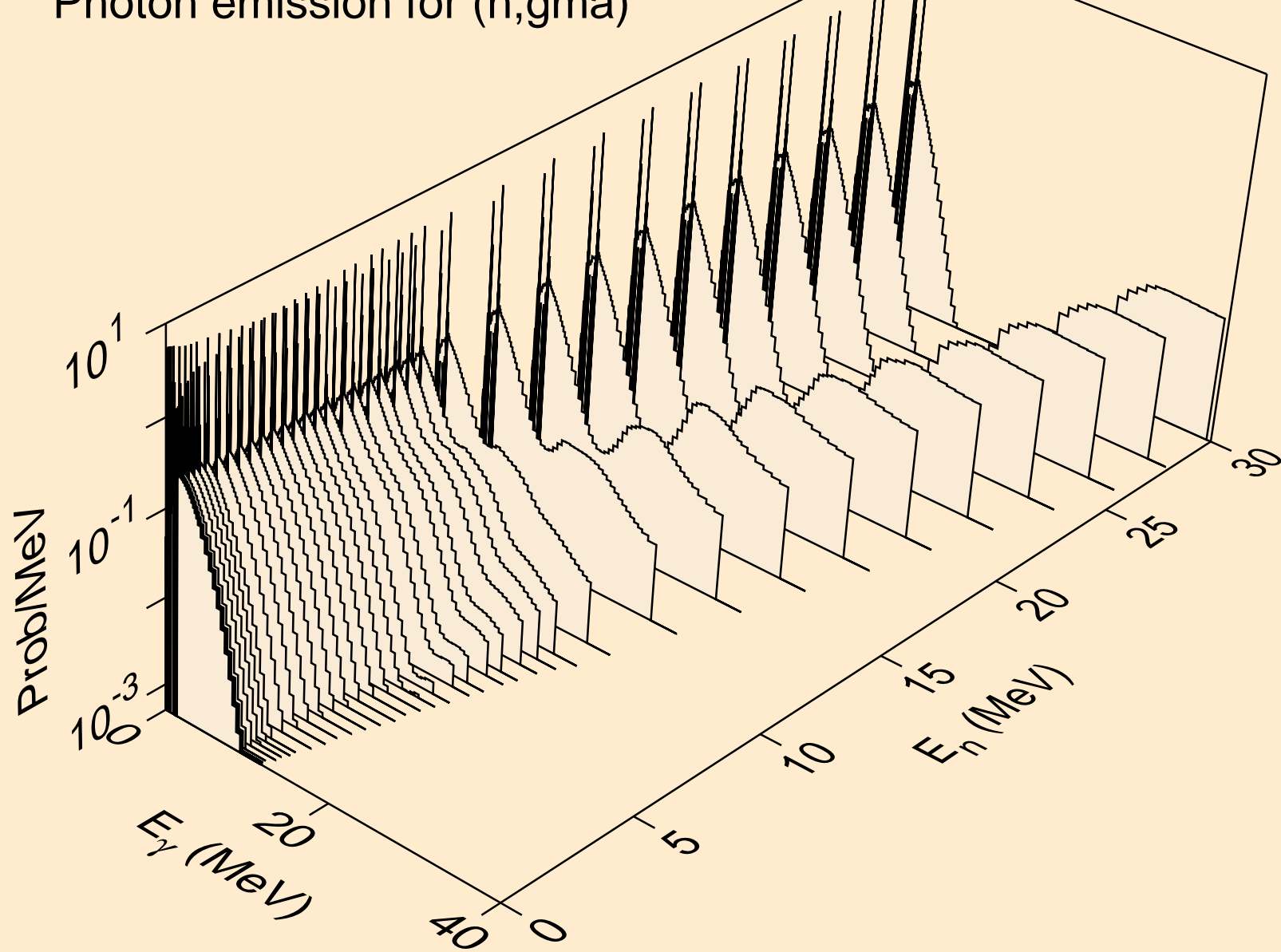
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Photon emission for (n,n\*1)



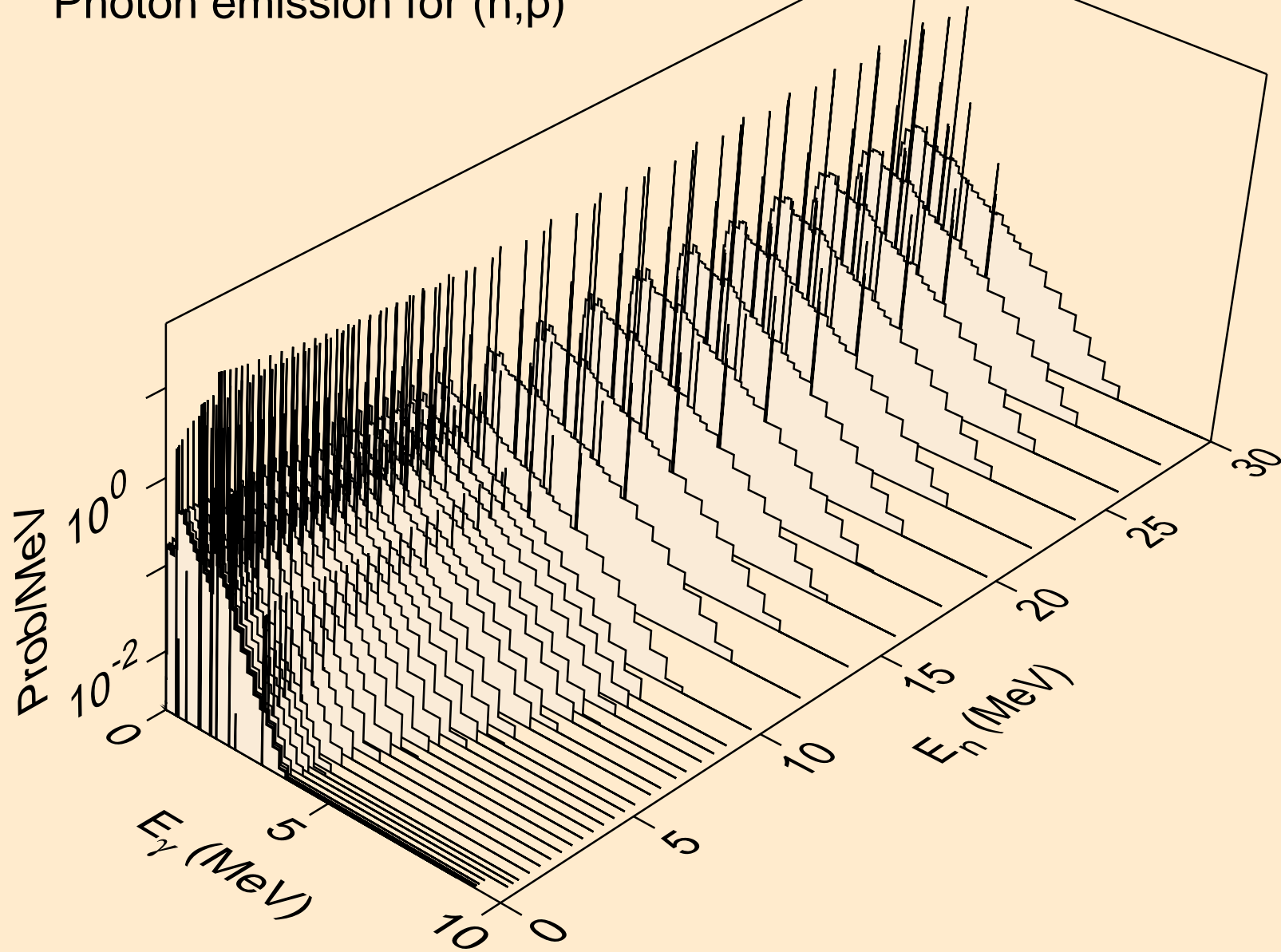
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Photon emission for (n,n\*c)



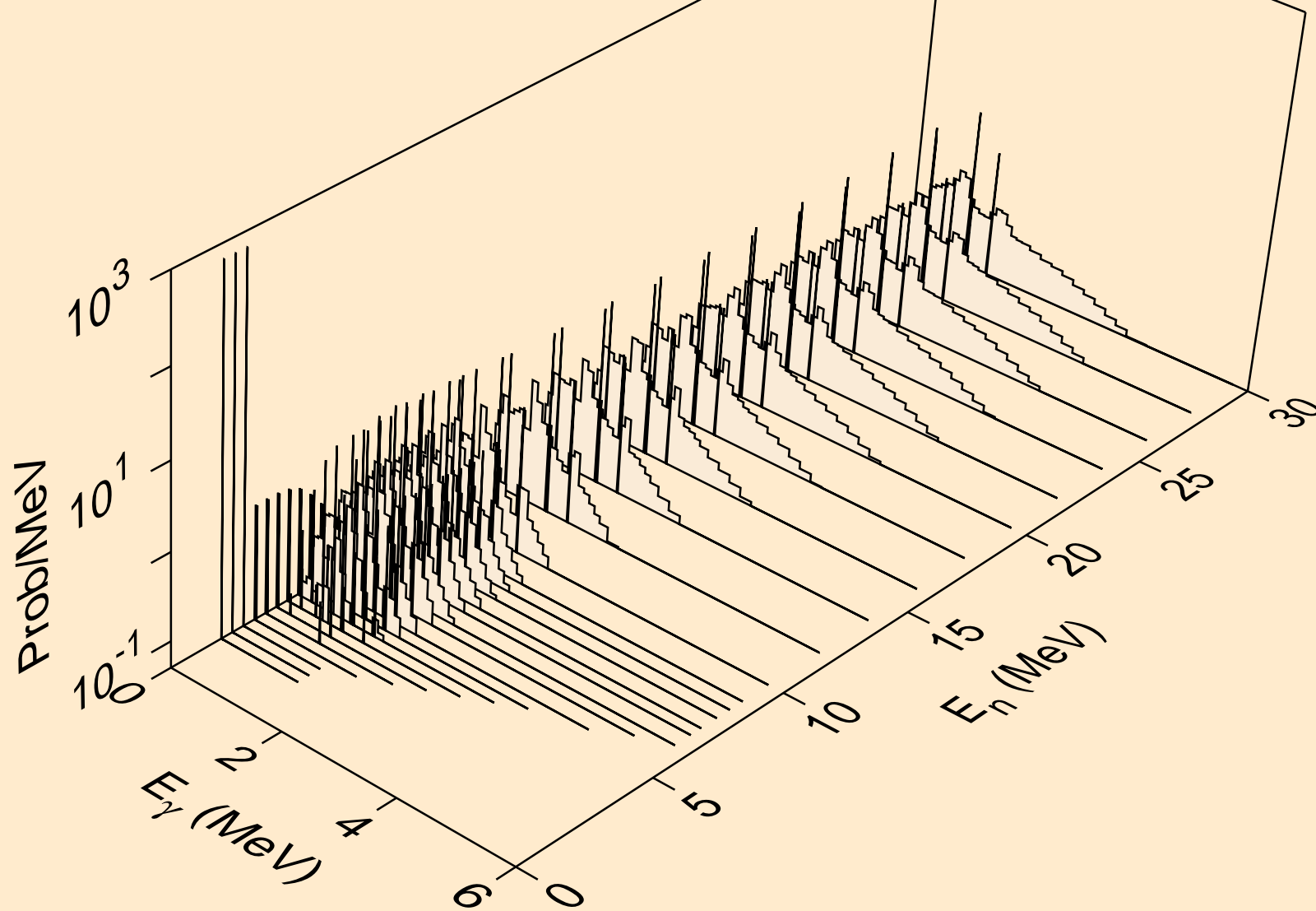
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Photon emission for (n,gma)



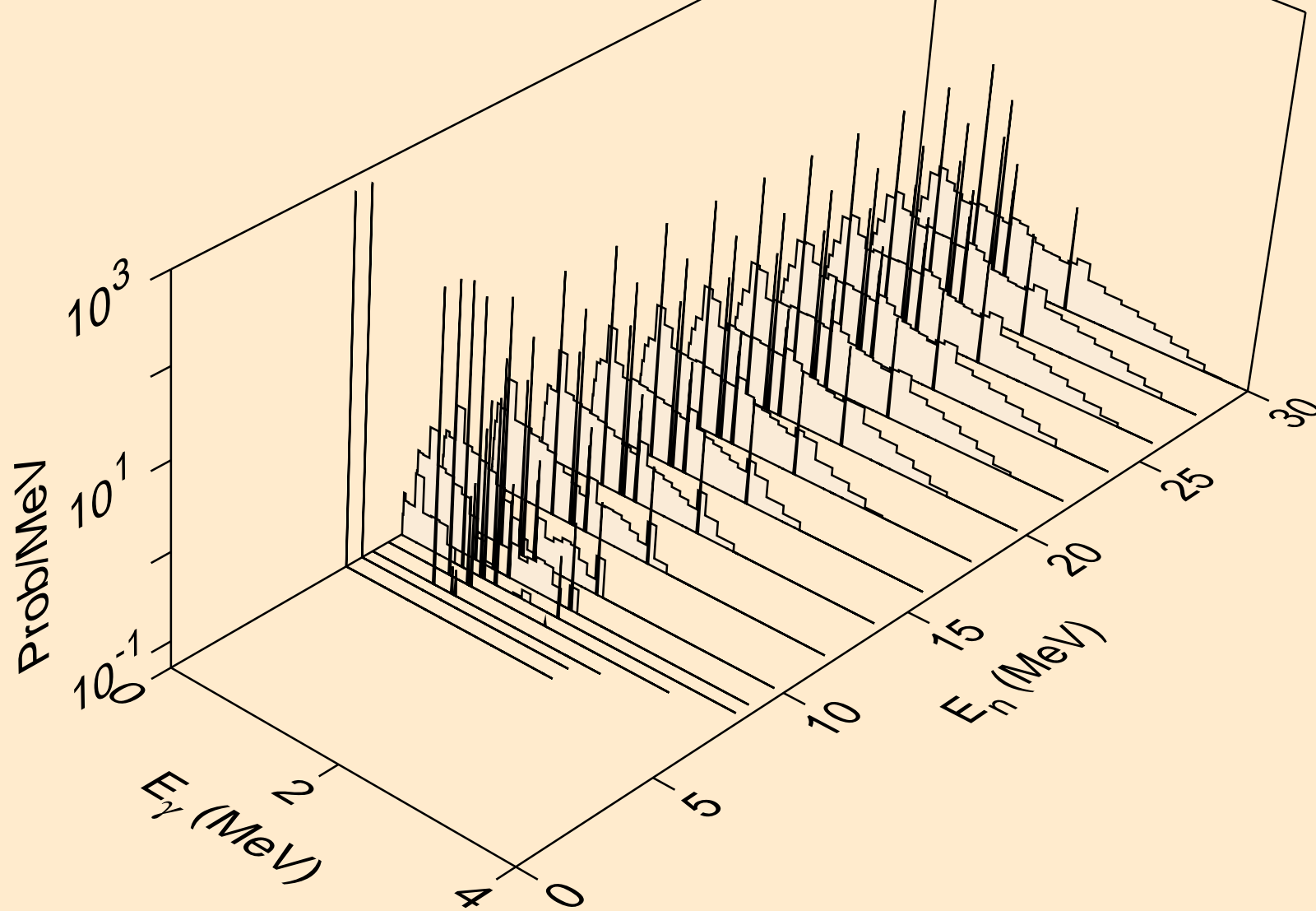
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Photon emission for (n,p)



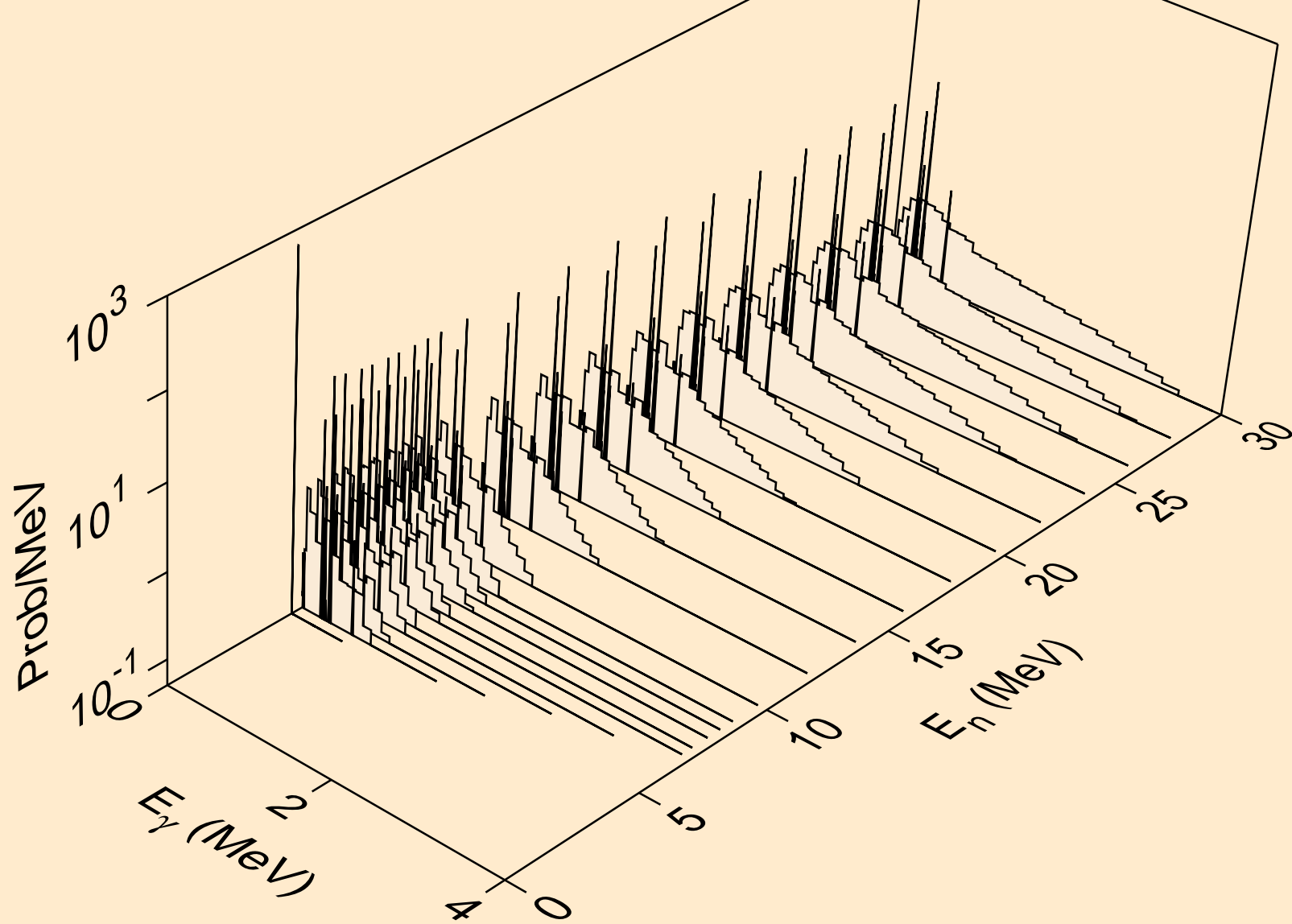
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Photon emission for (n,d)



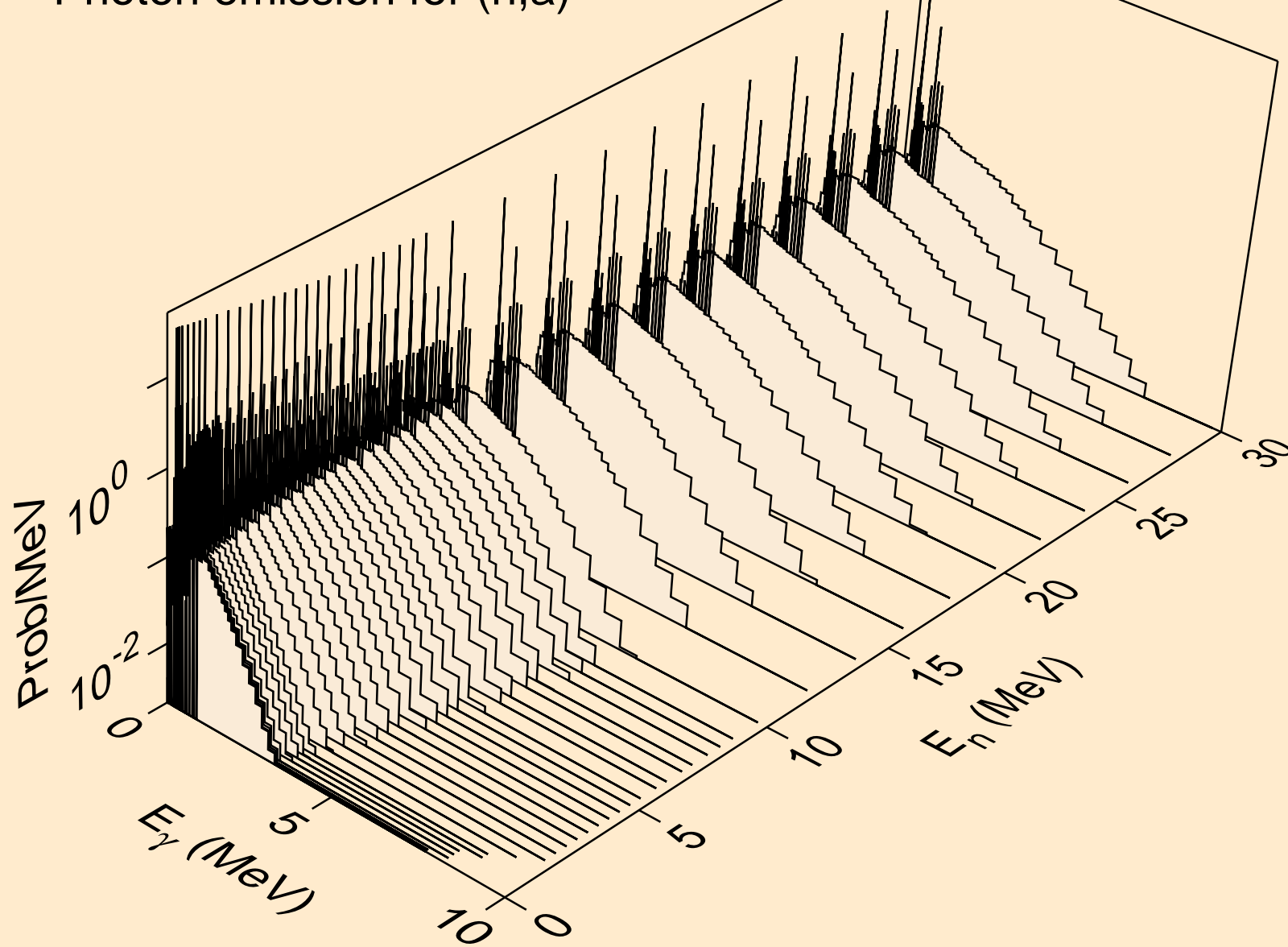
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

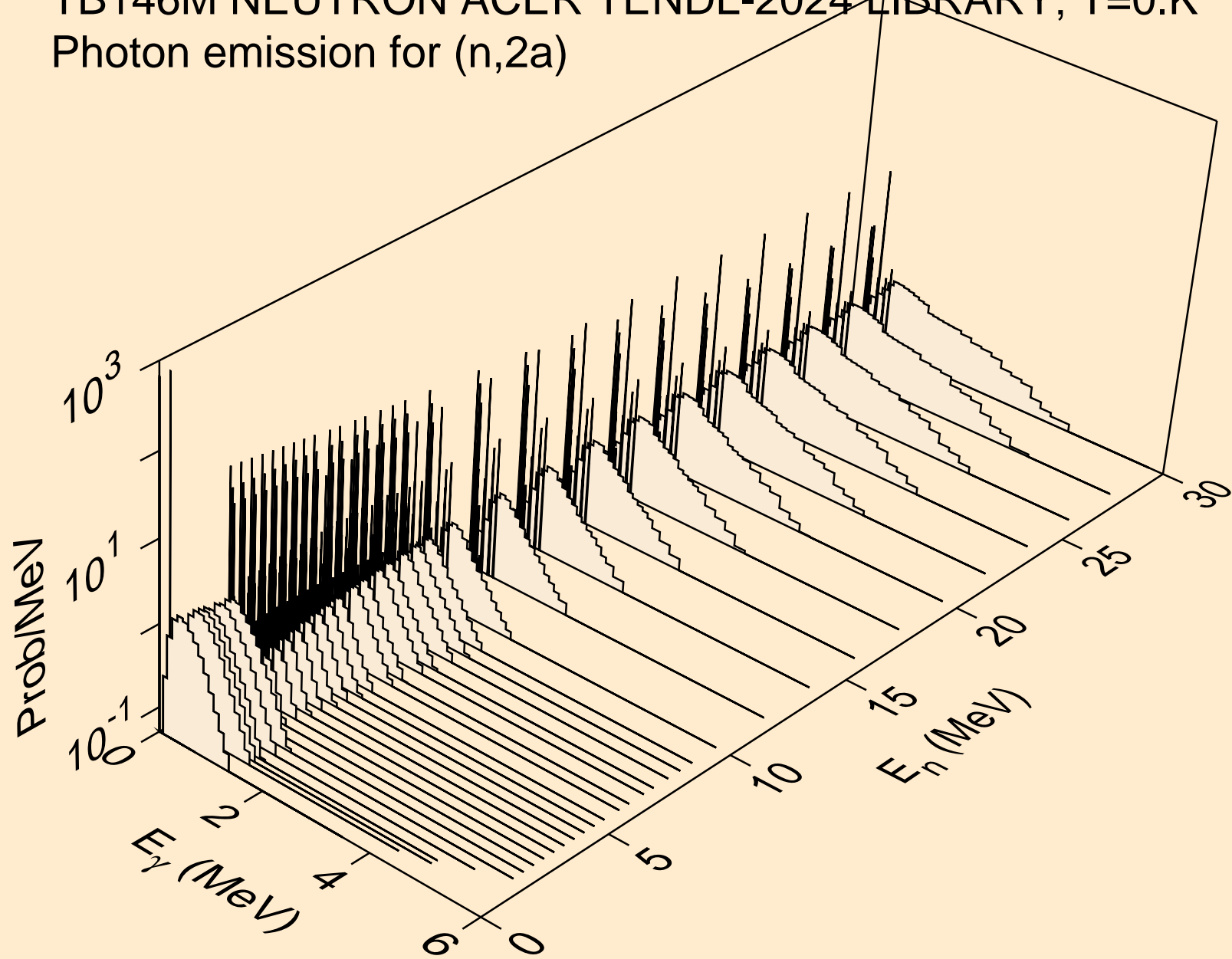


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Photon emission for (n,a)

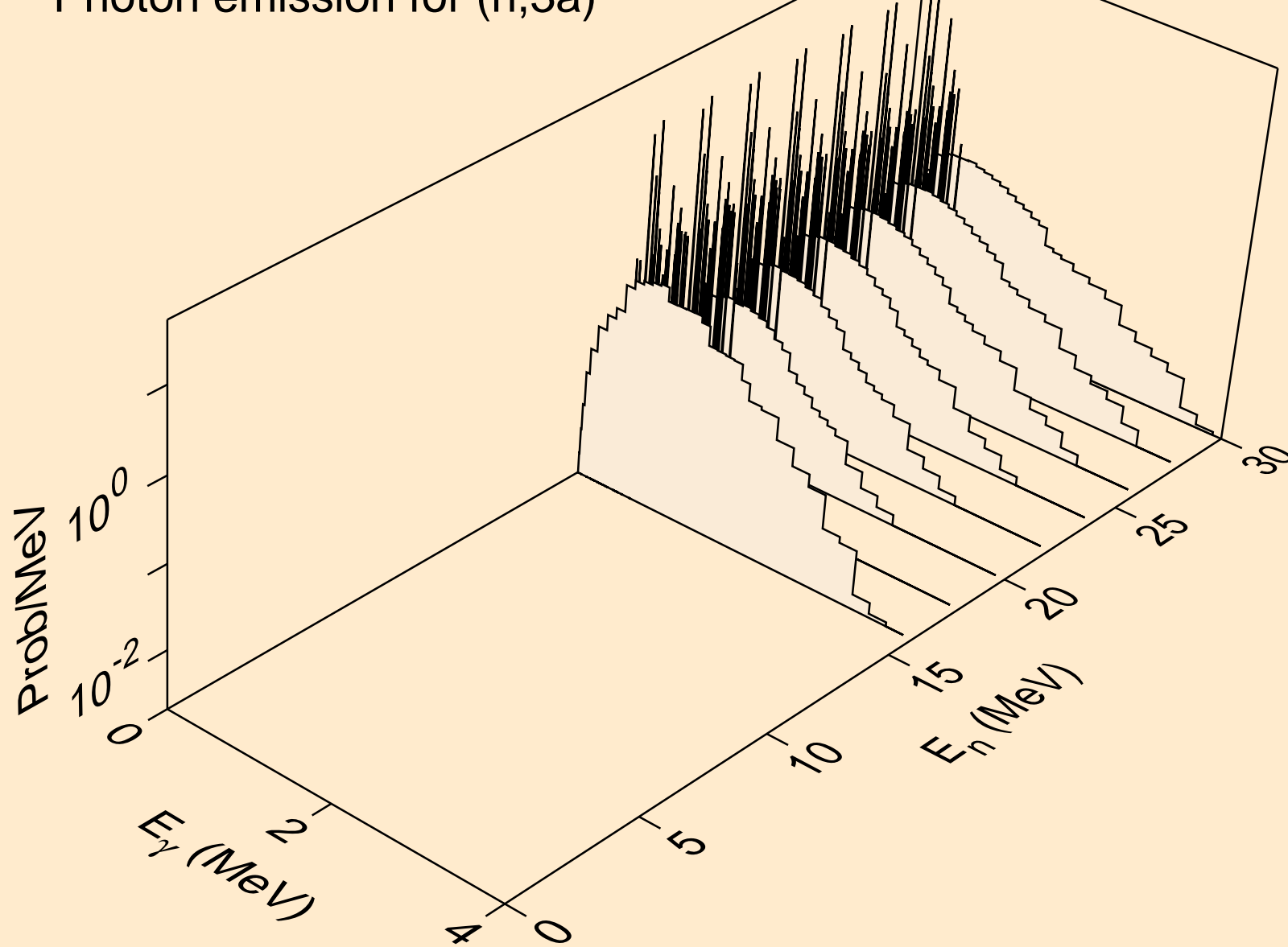




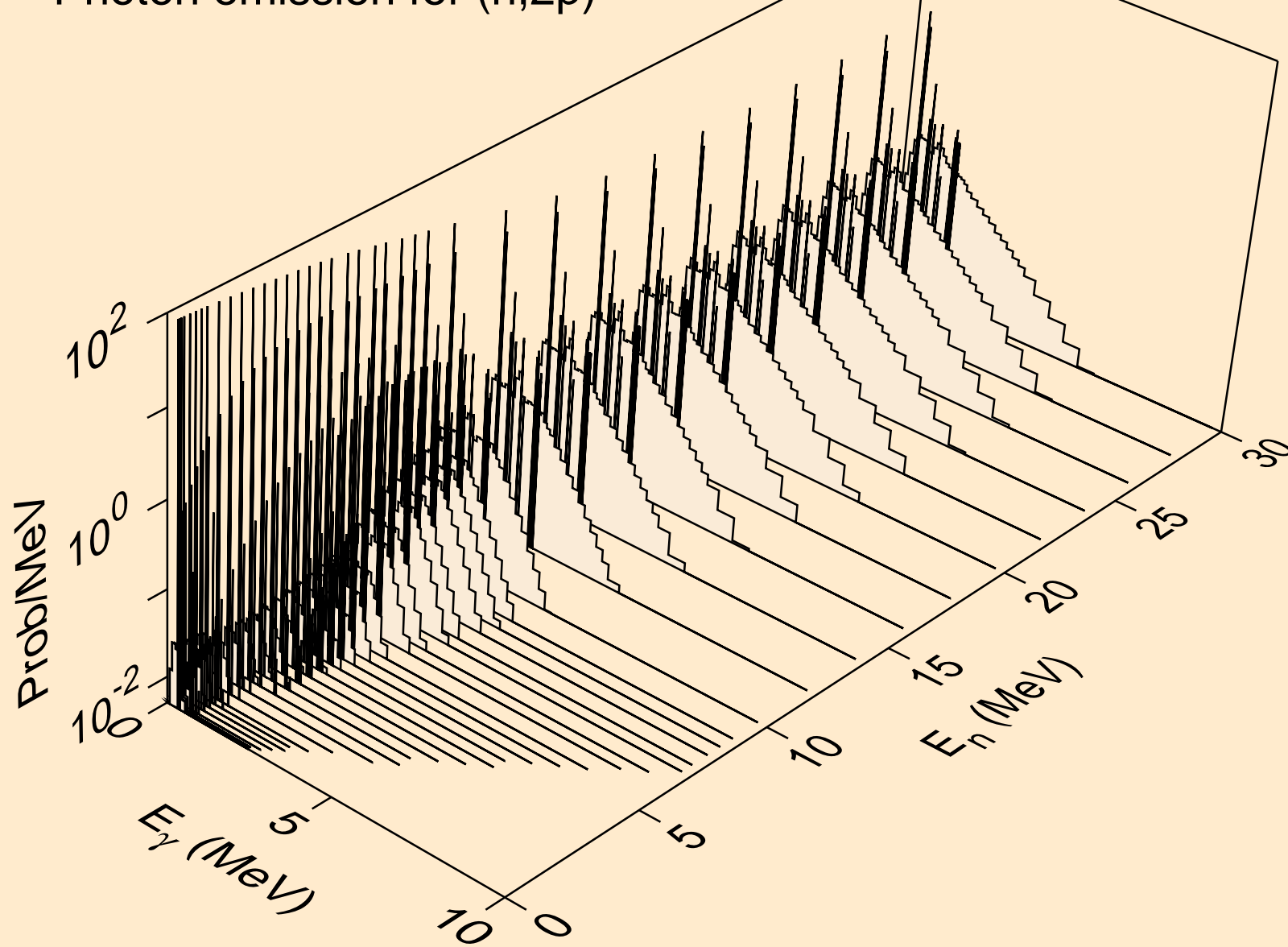
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Photon emission for (n,2a)



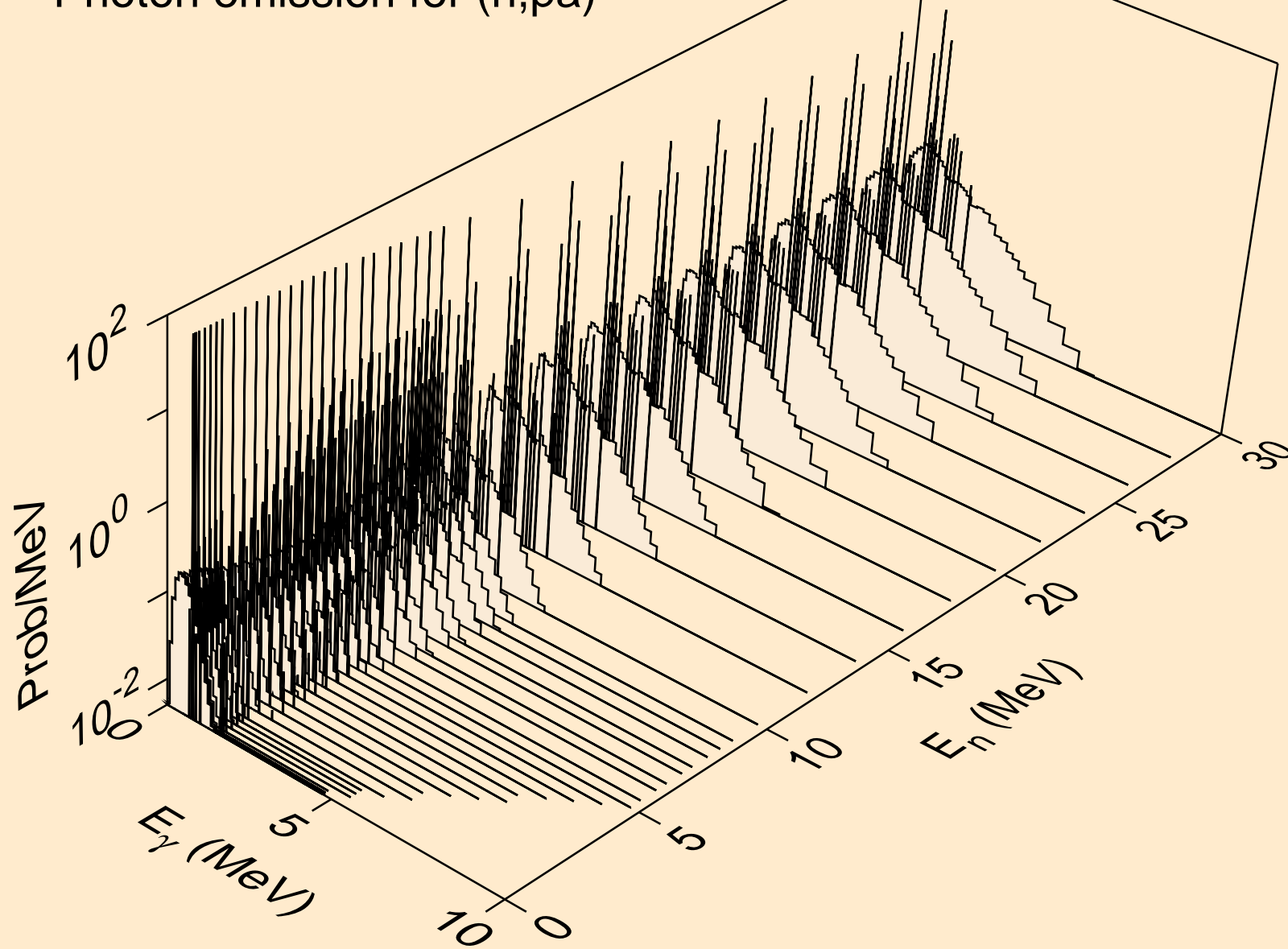
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



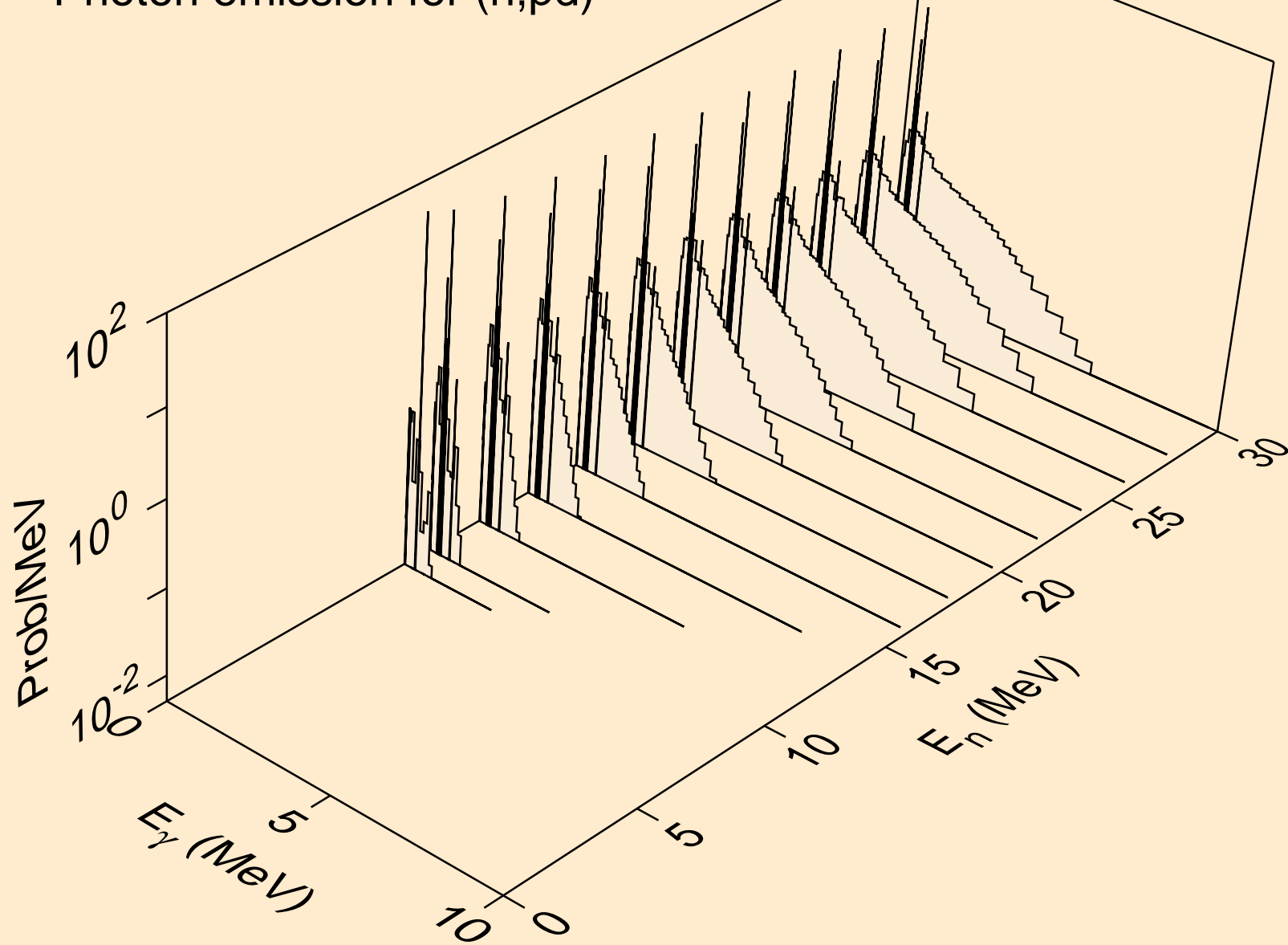
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



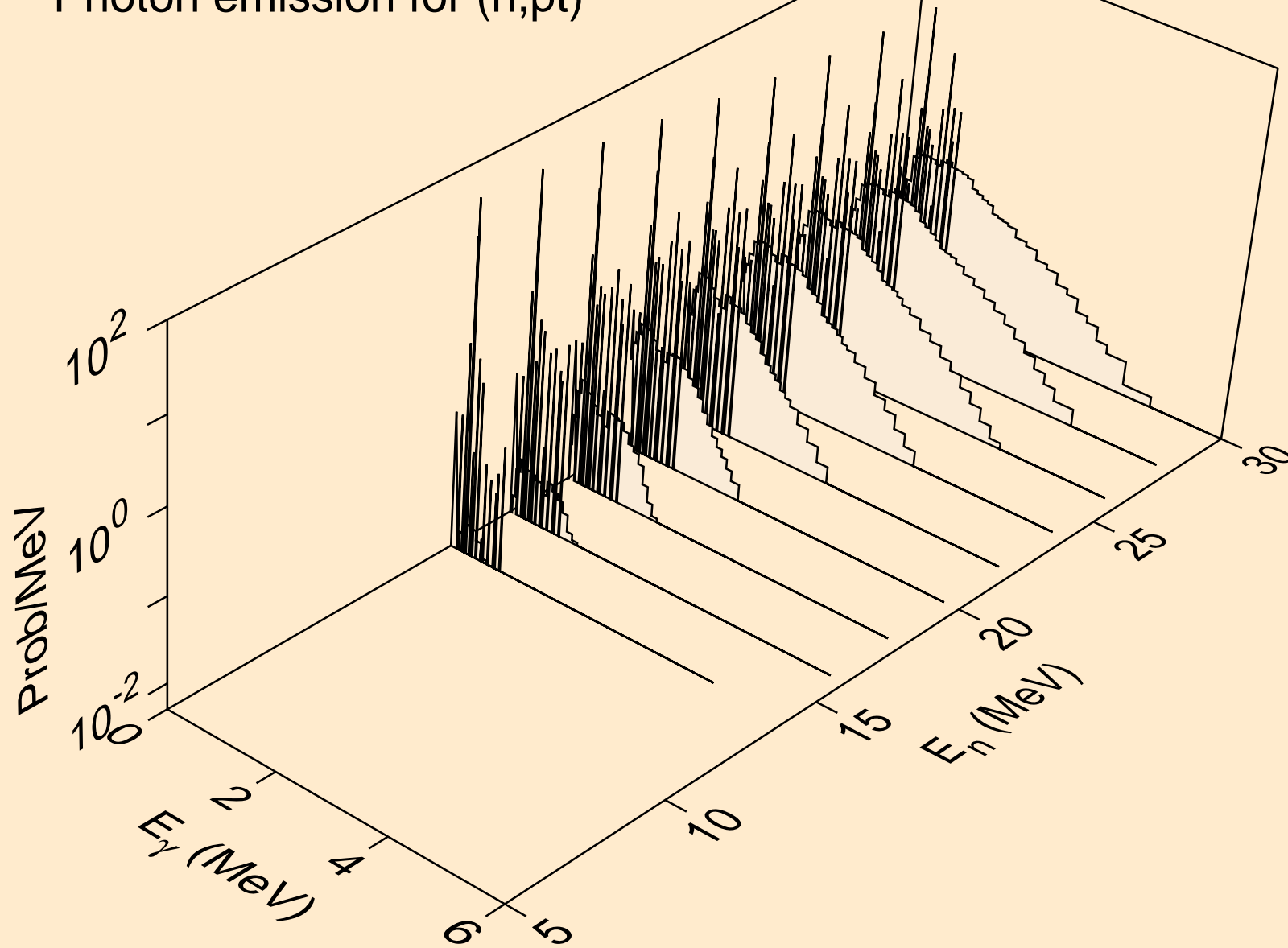
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



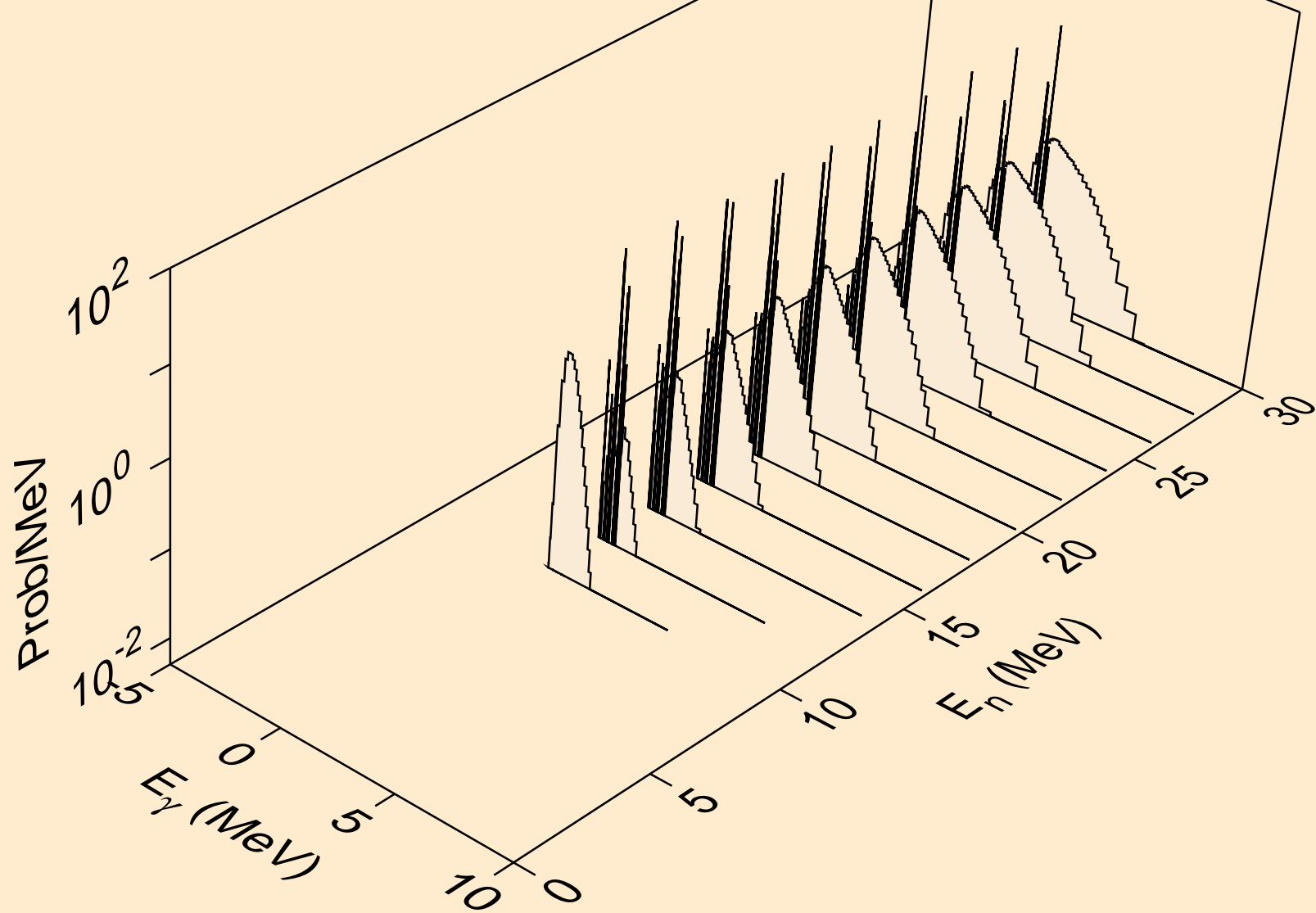
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



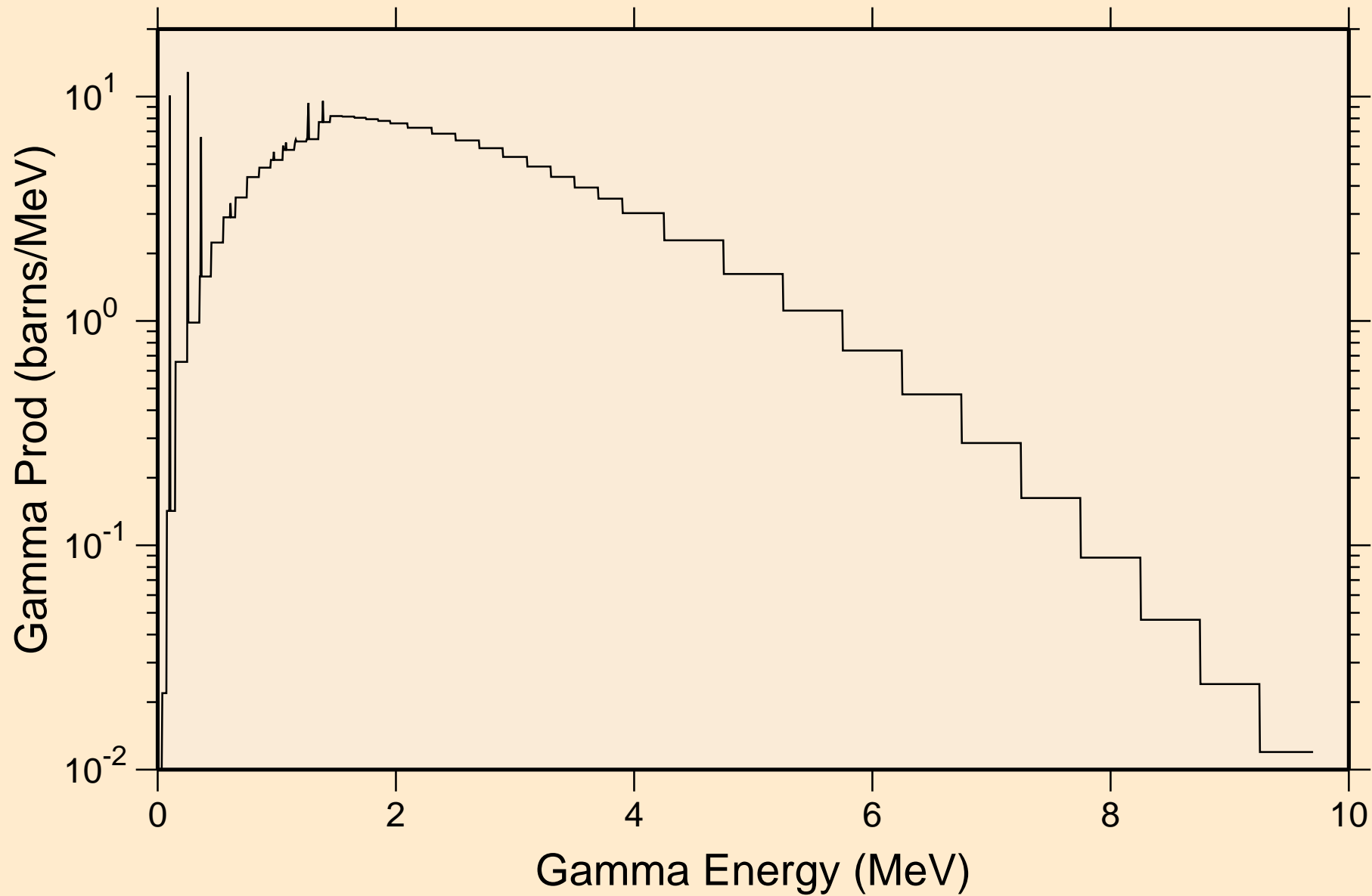
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

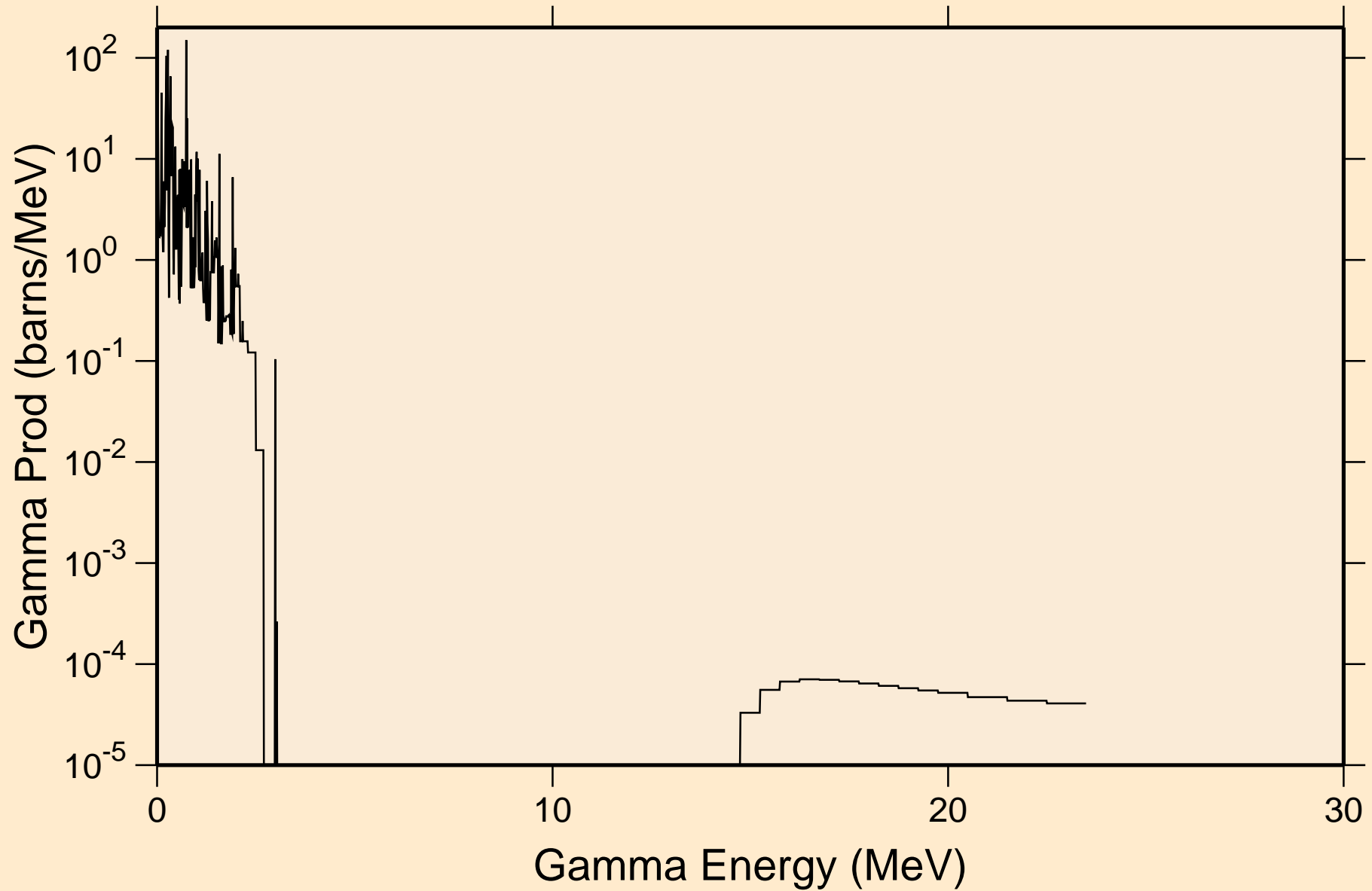


TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



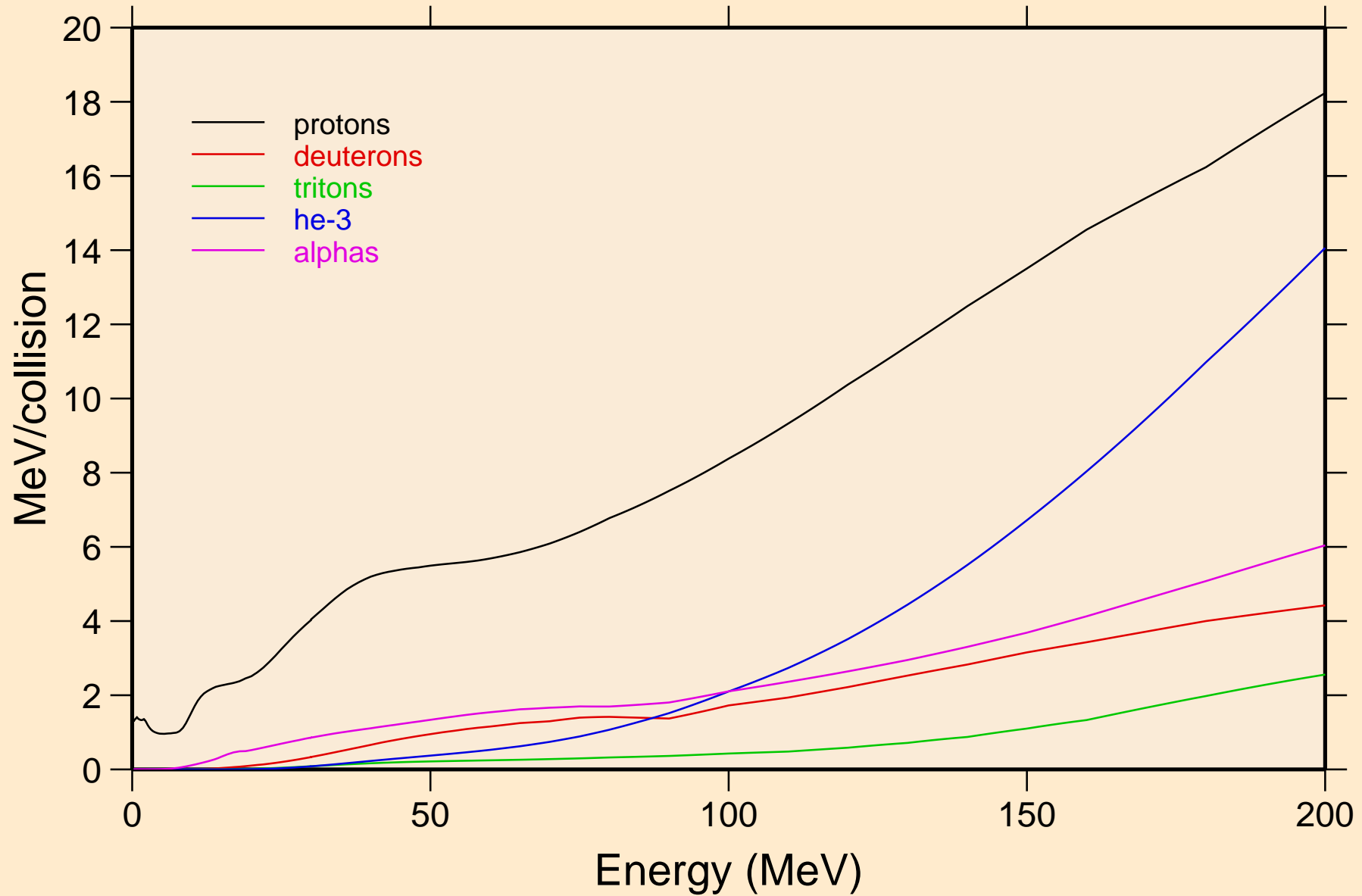


TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

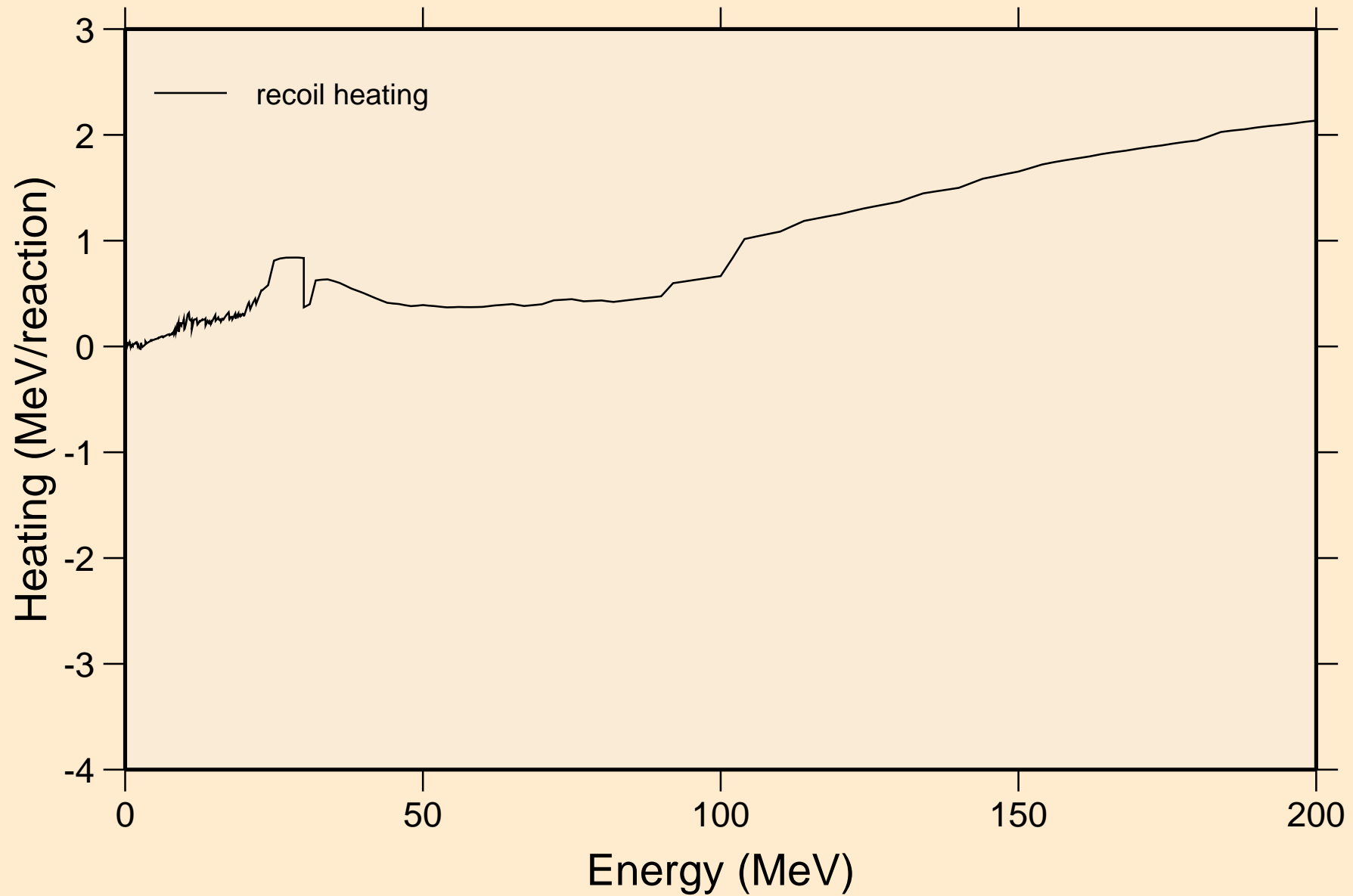


# TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

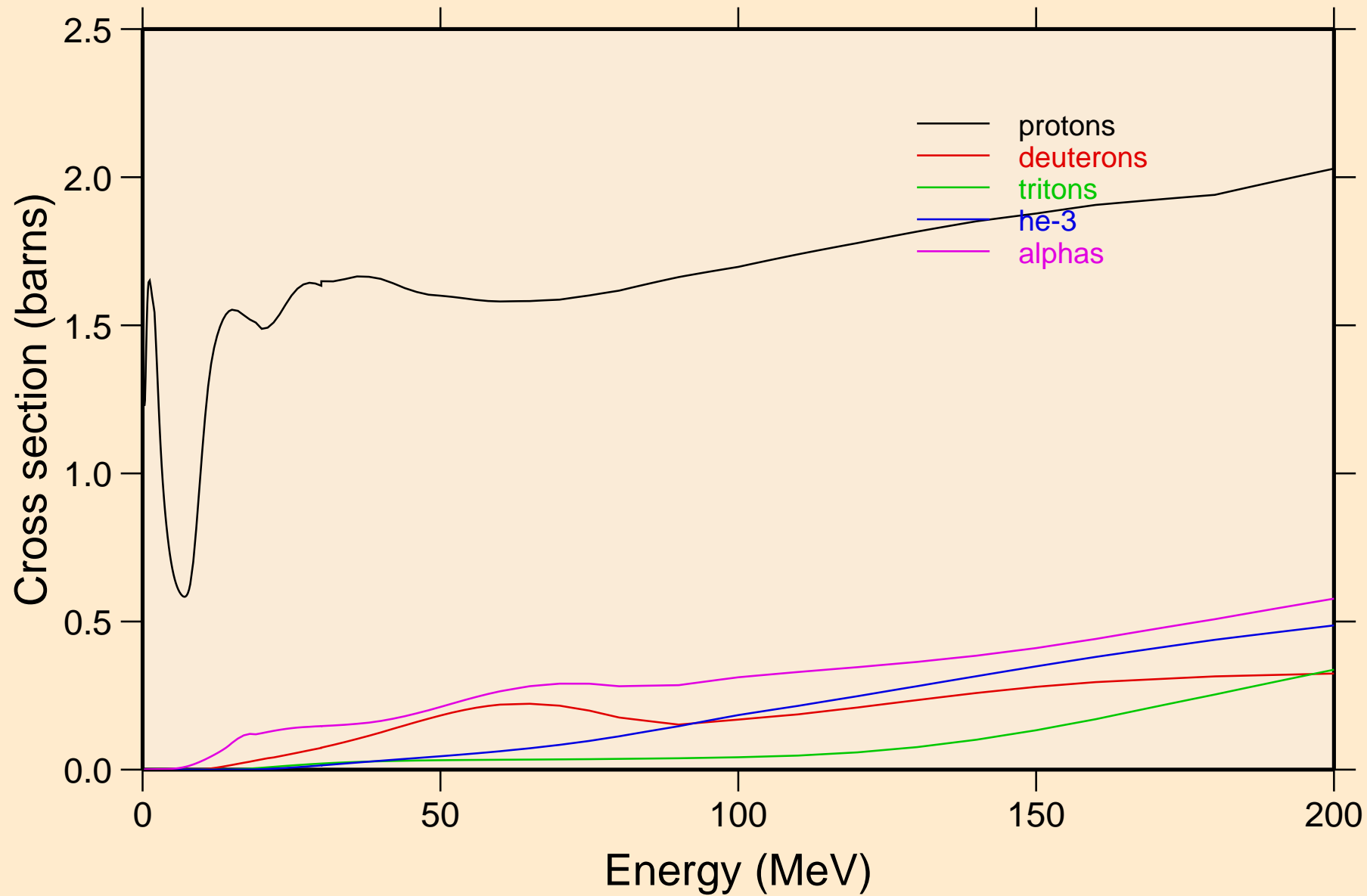


TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

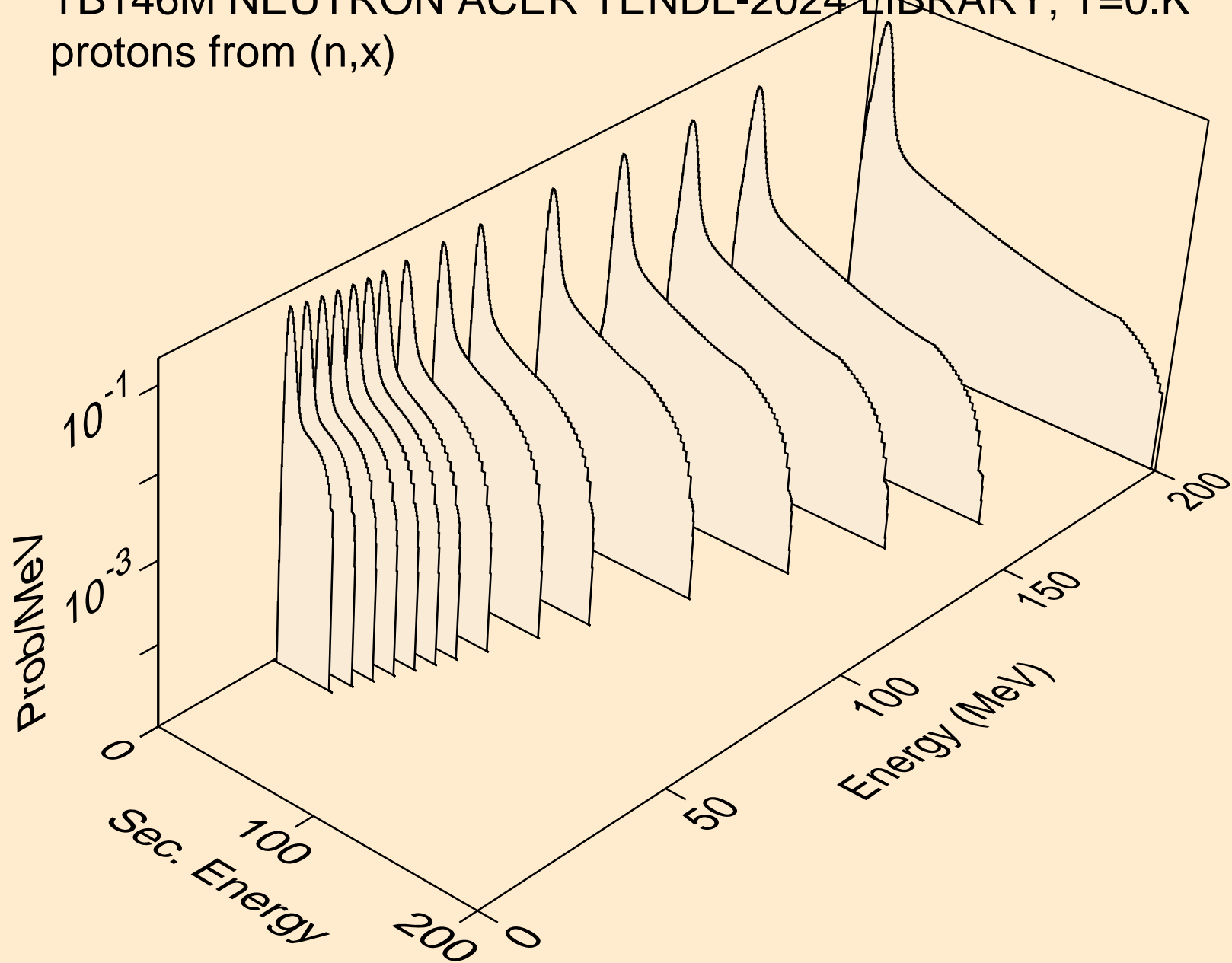


# TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

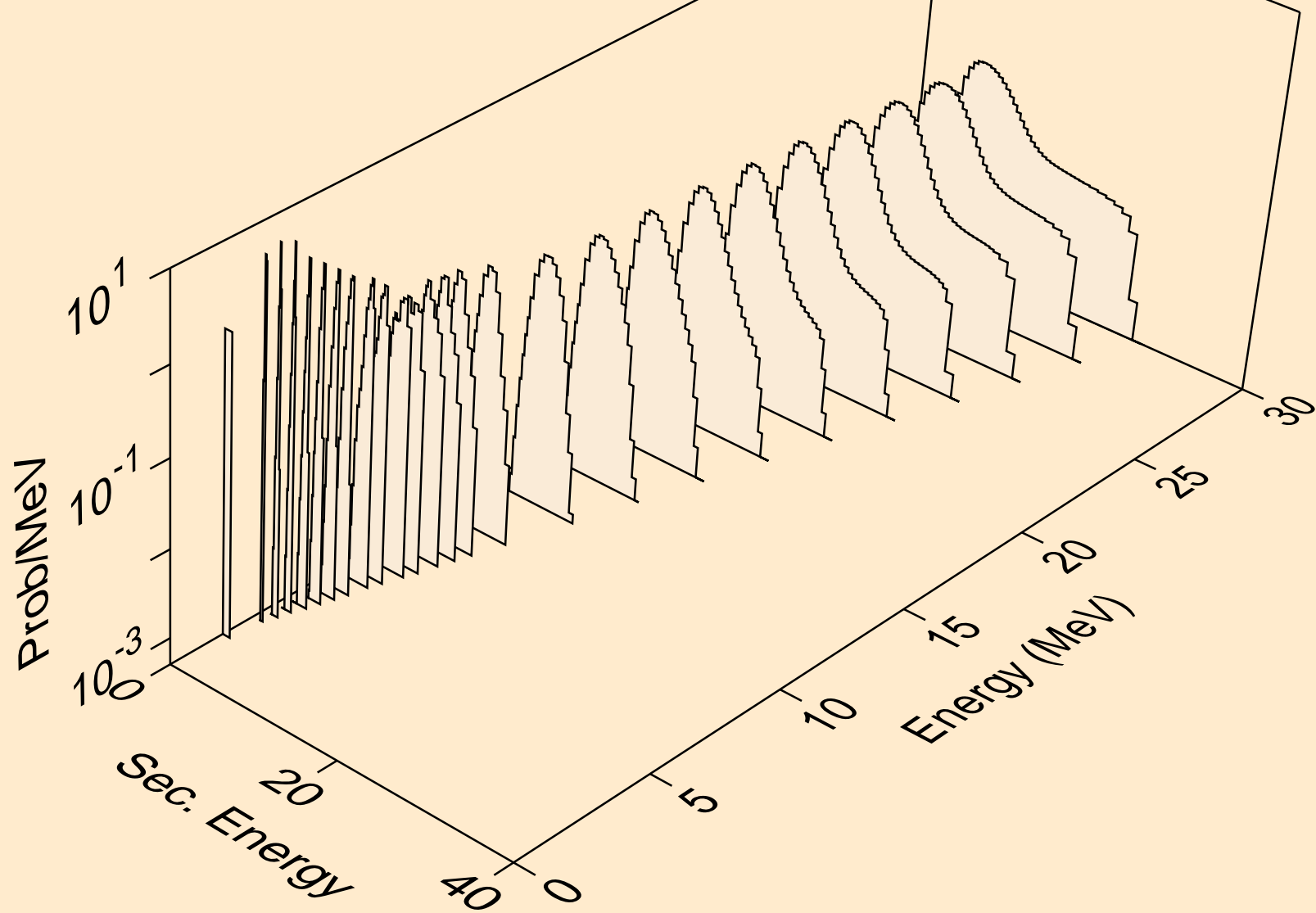
## Particle production cross sections



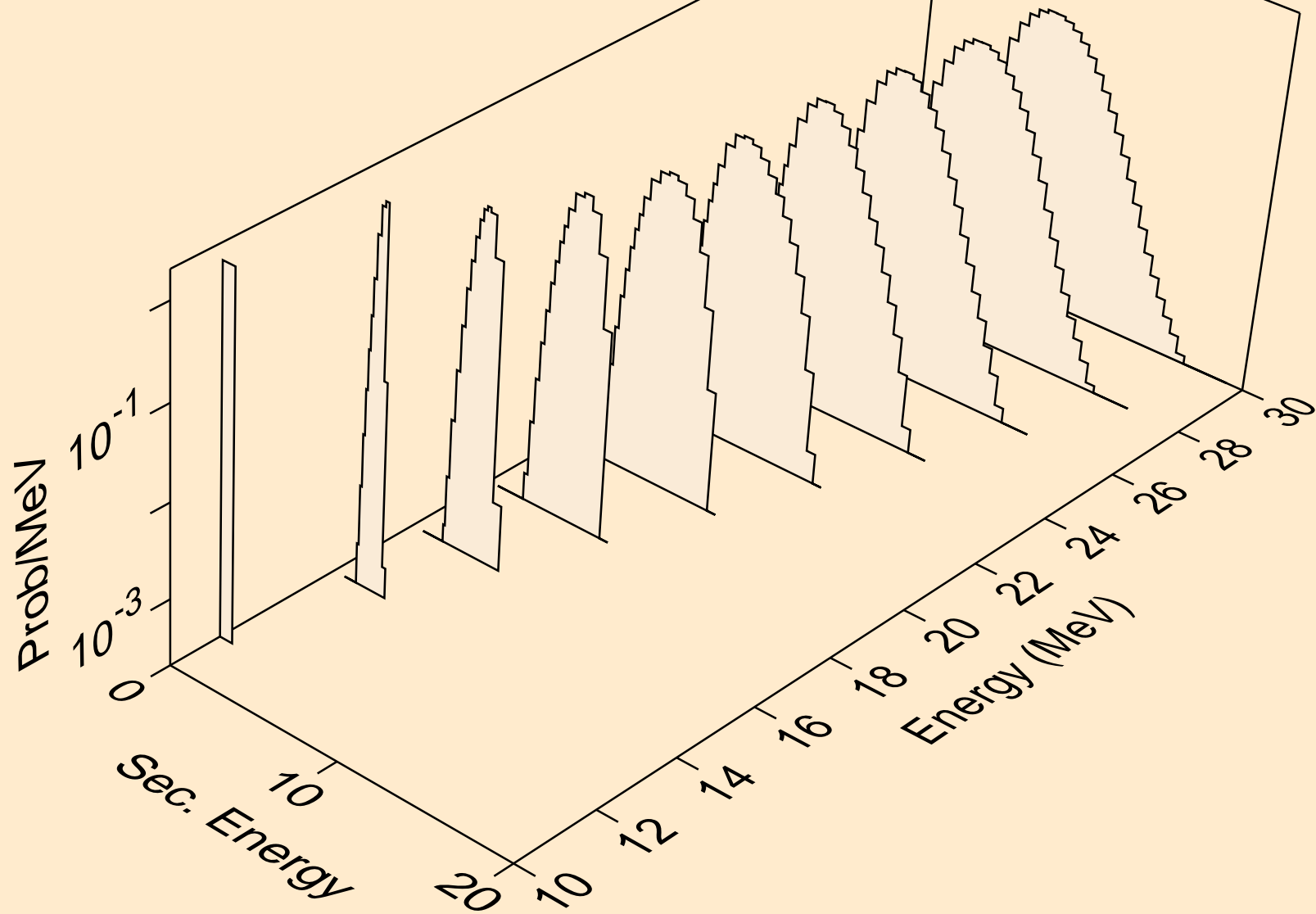
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



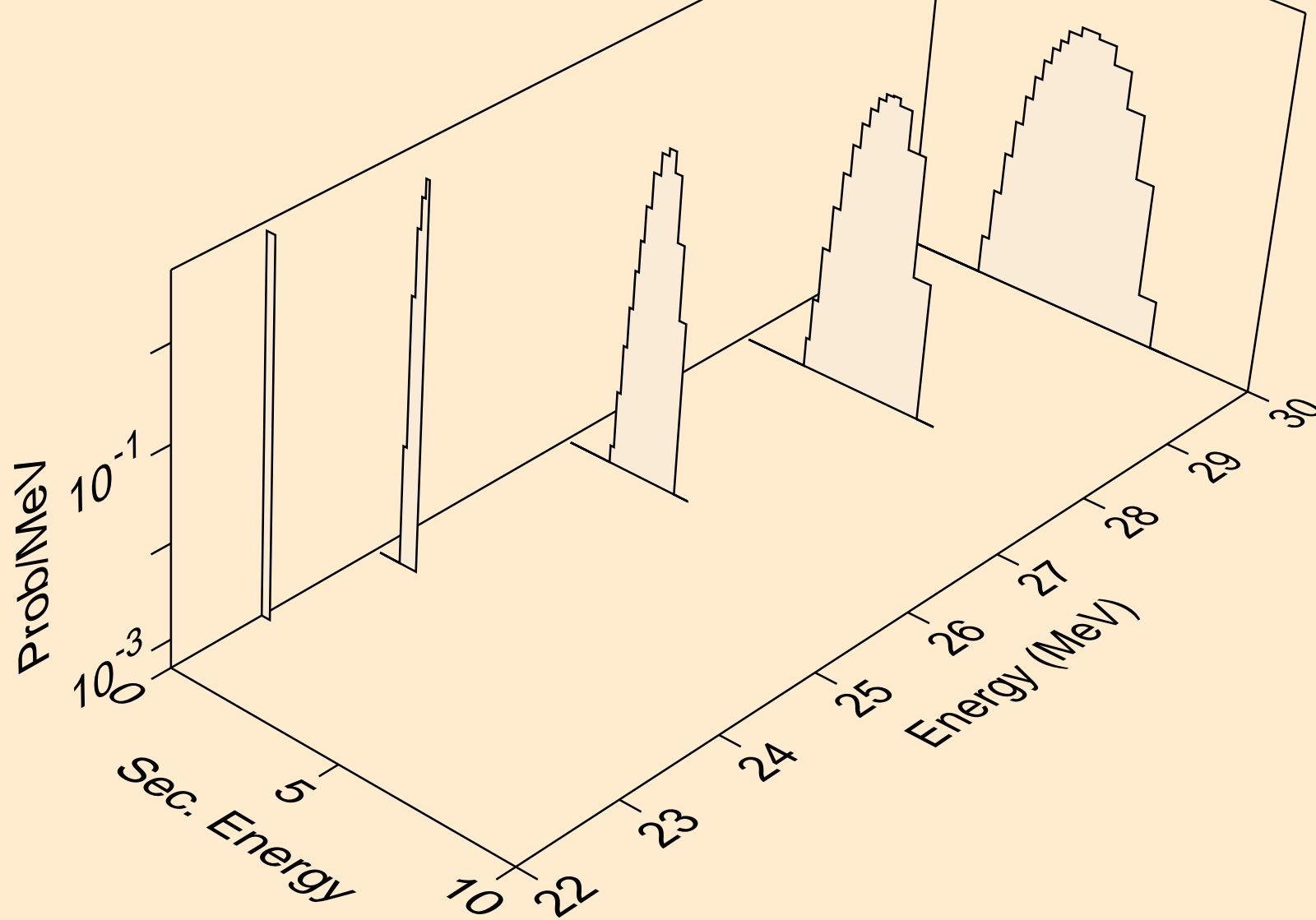
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

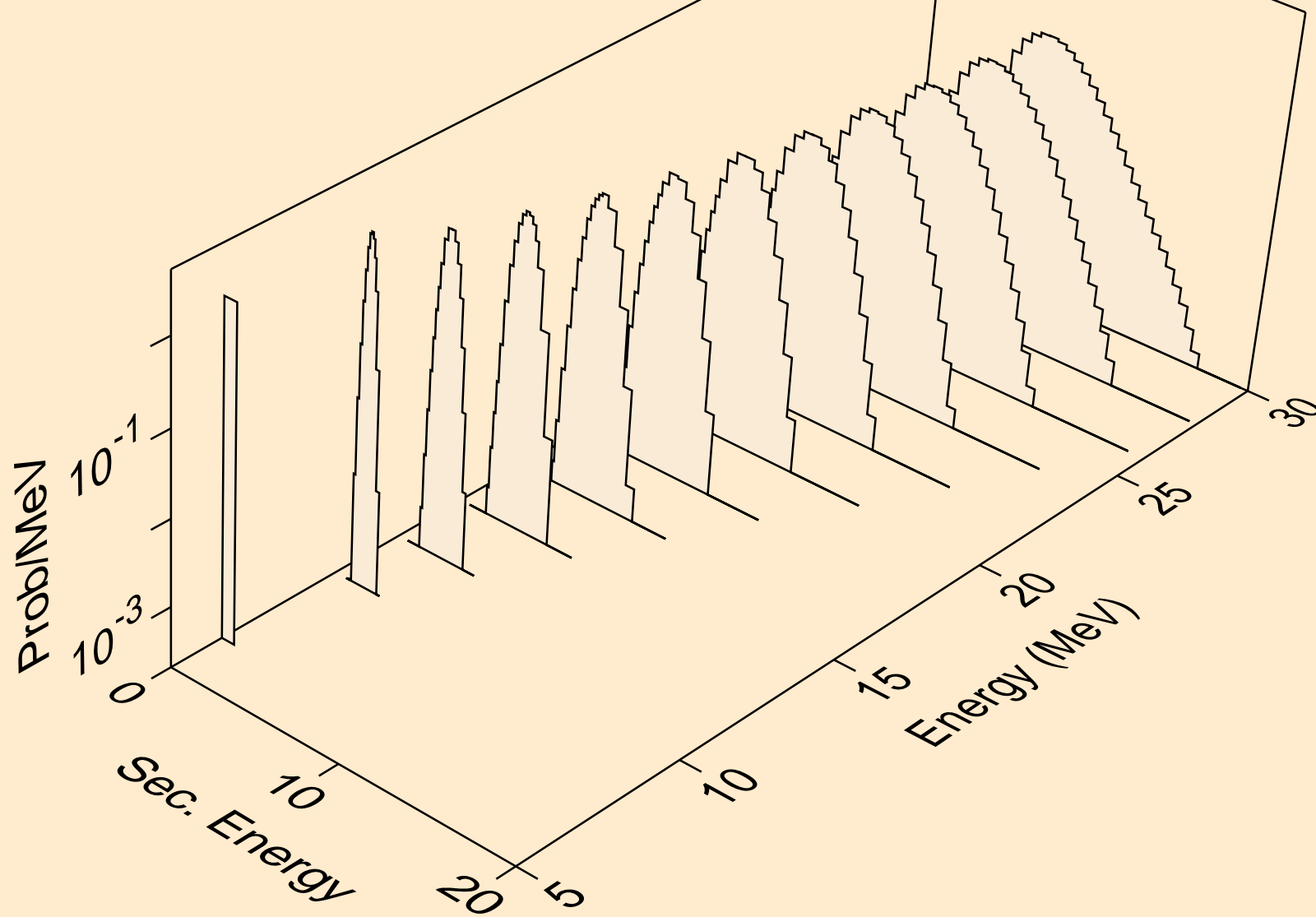


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protons from (n,3np)

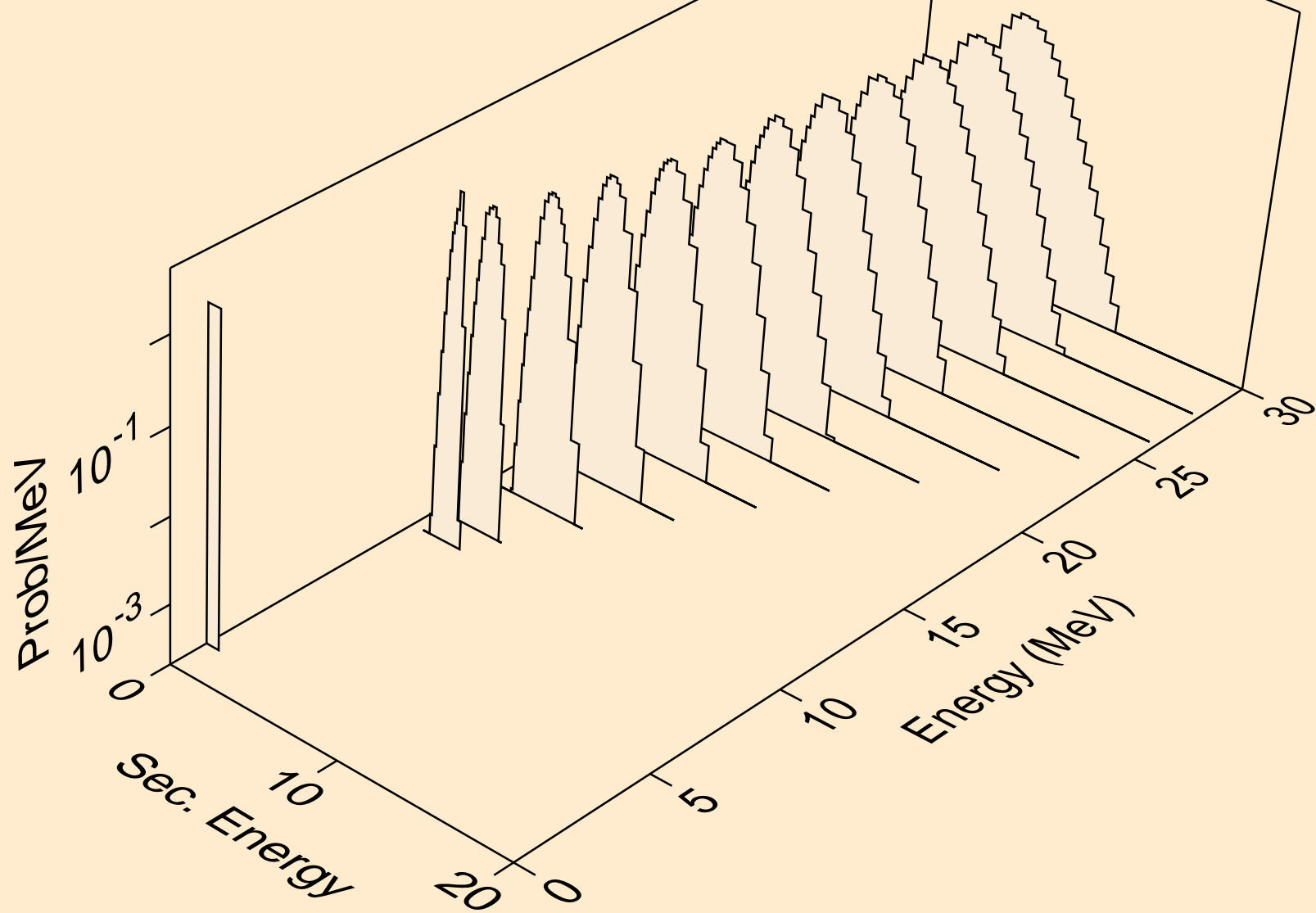




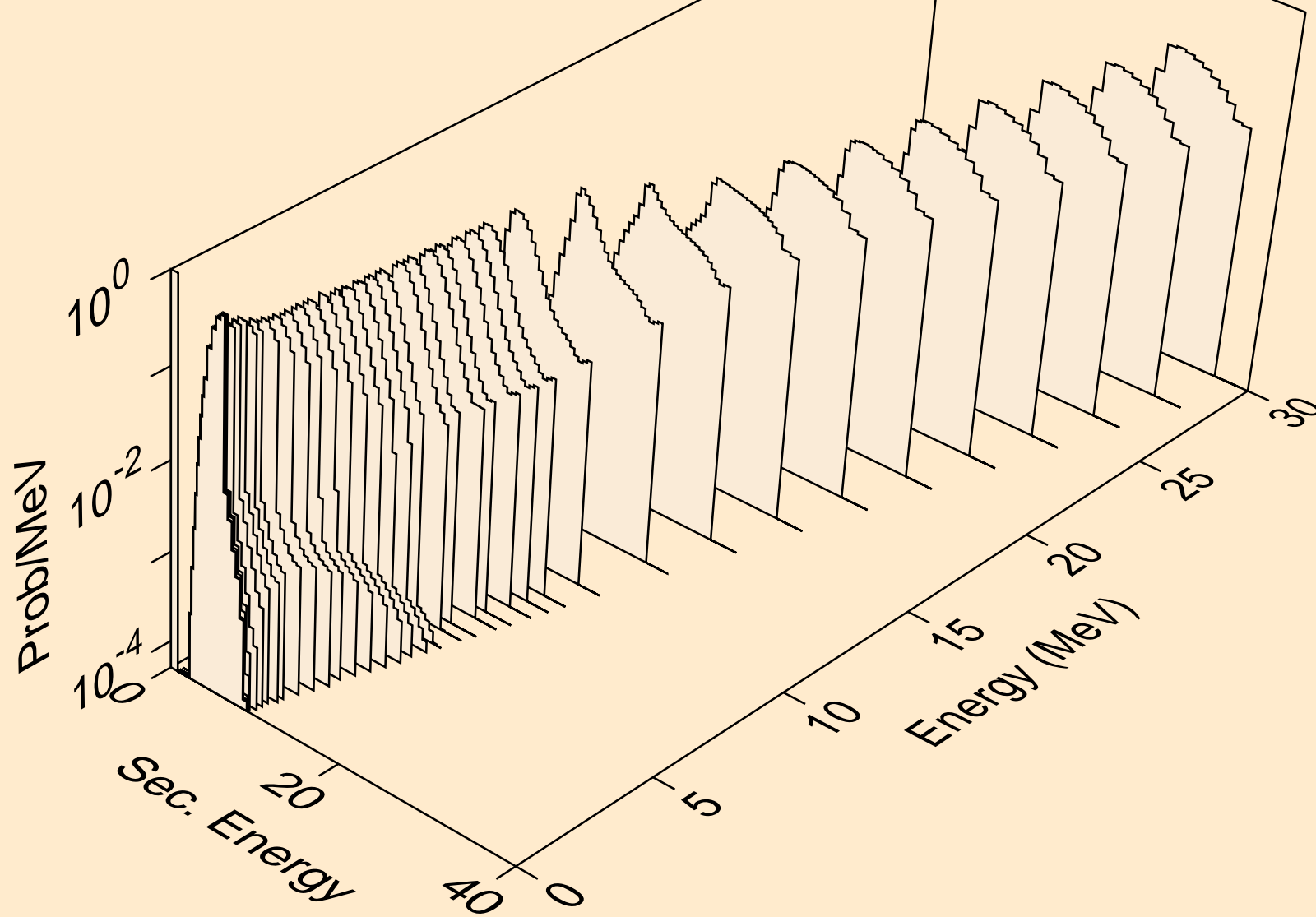
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protons from (n,n2p)



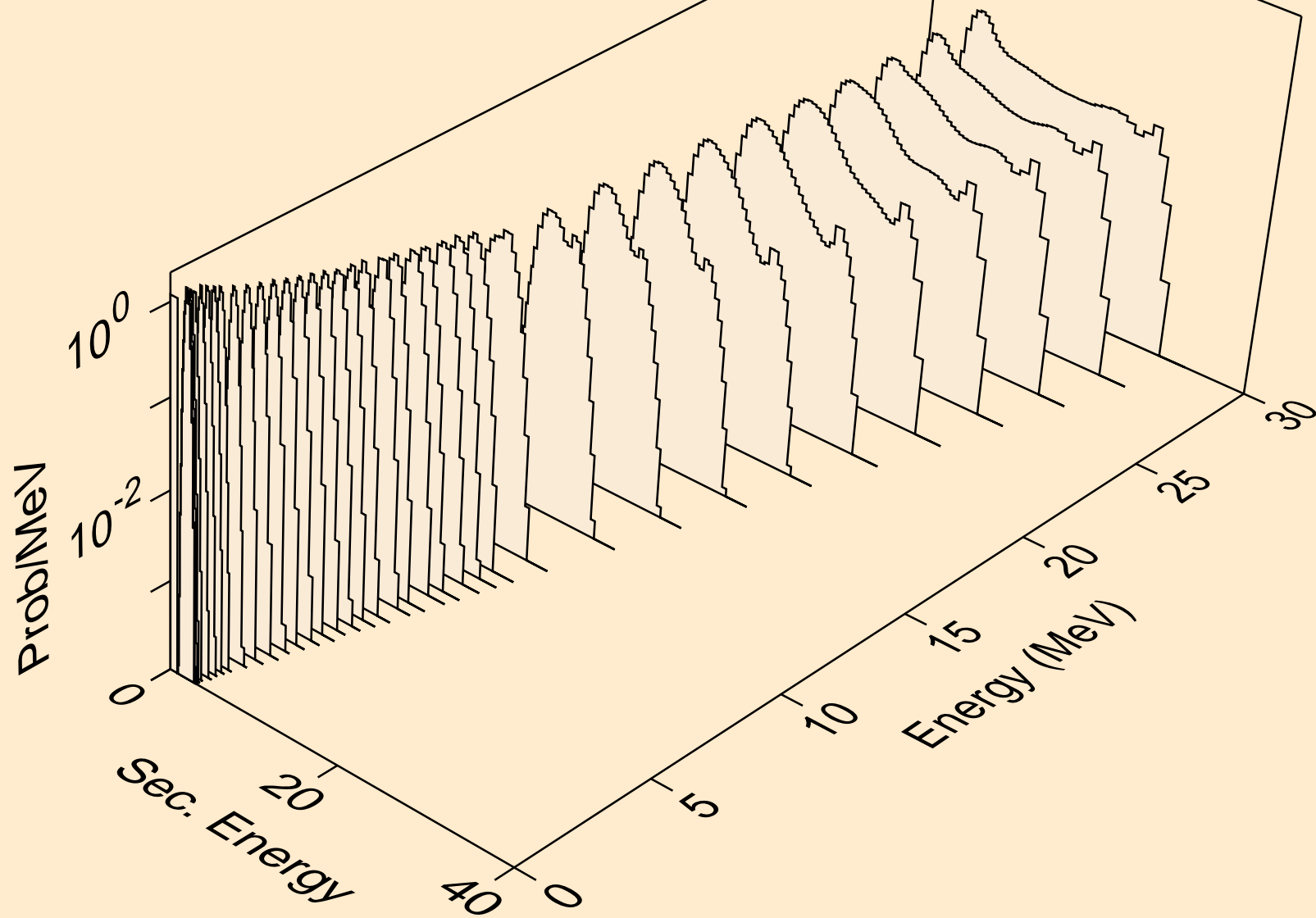
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protons from (n,npa)



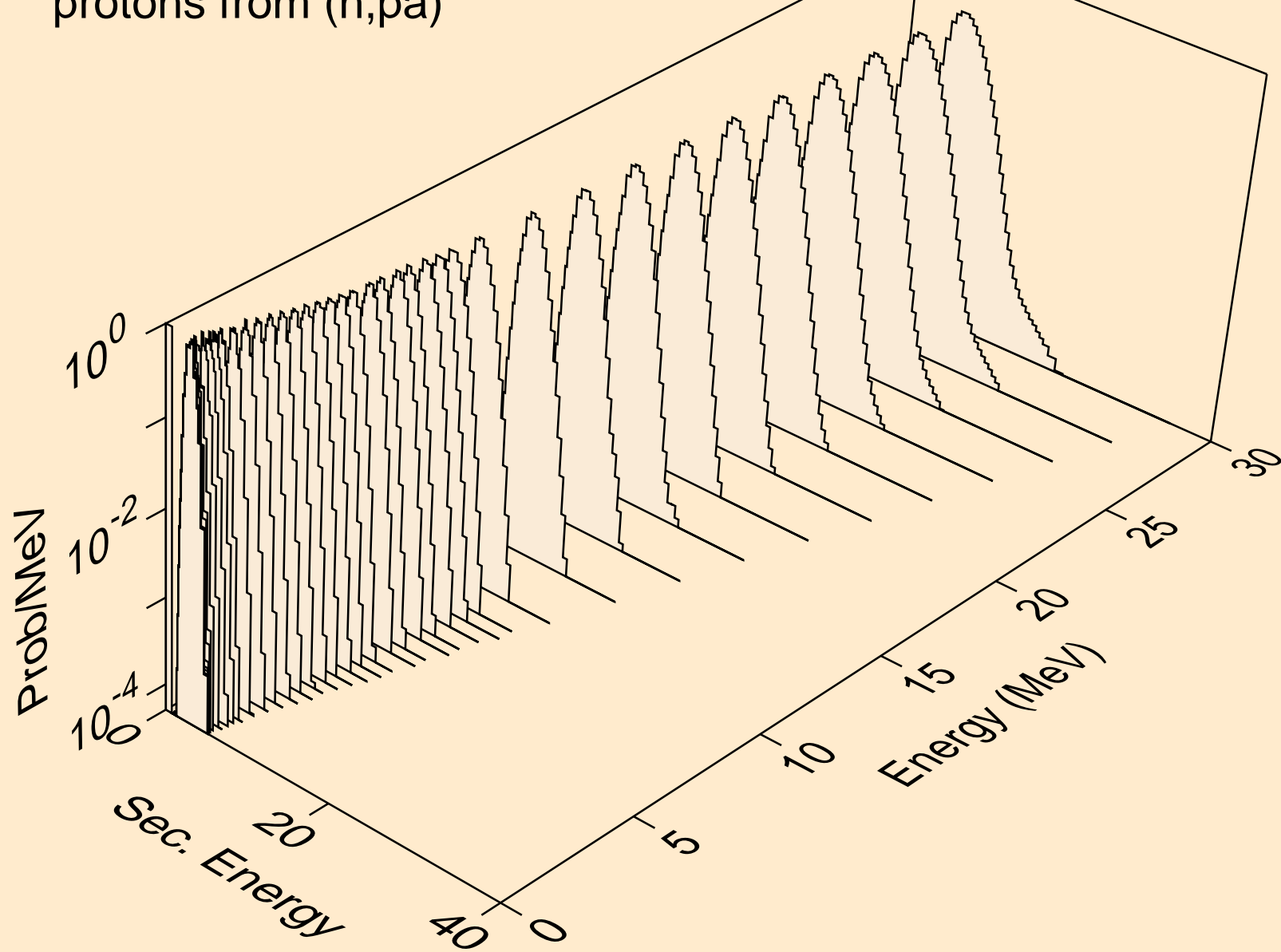
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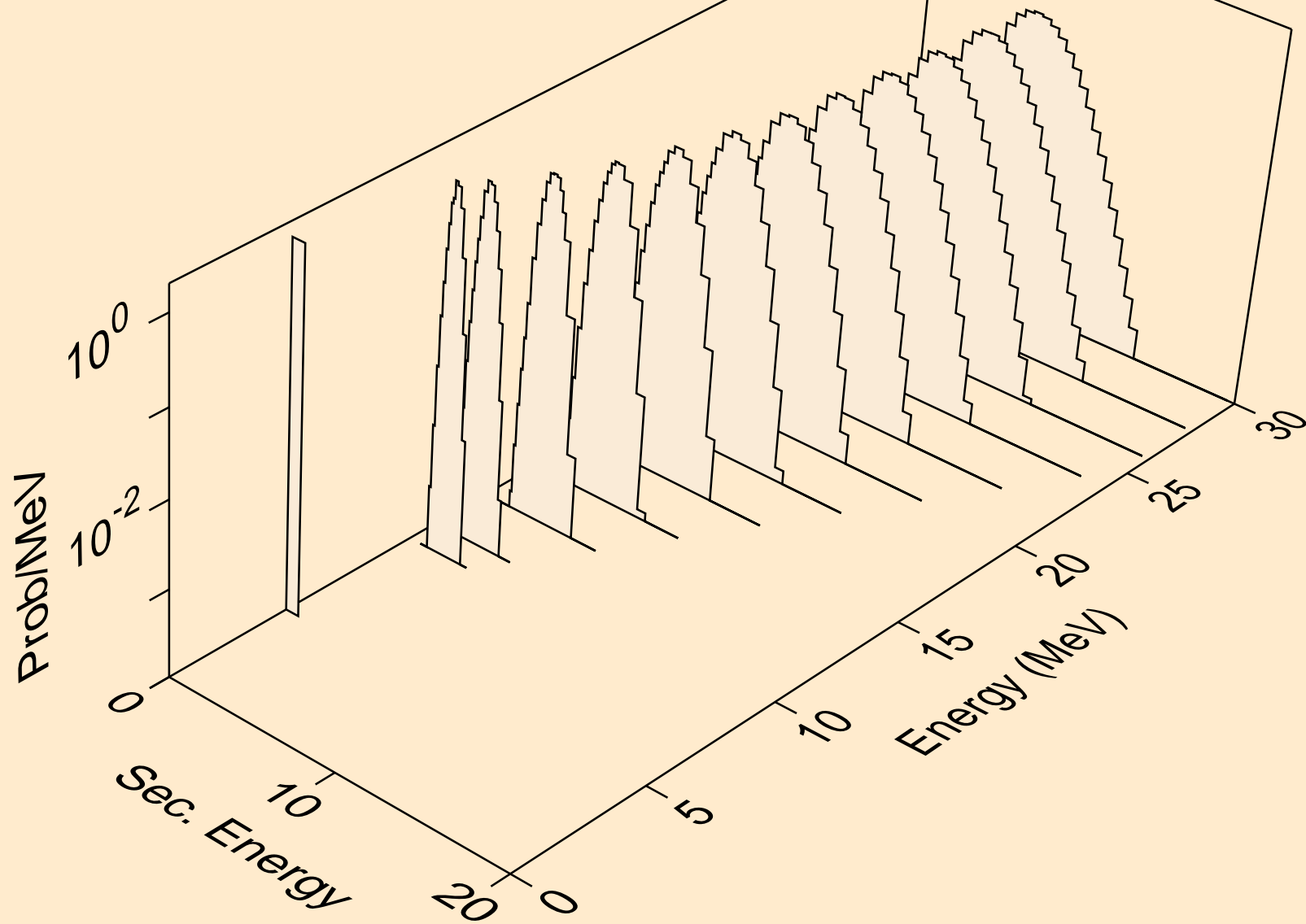
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protons from (n,2p)



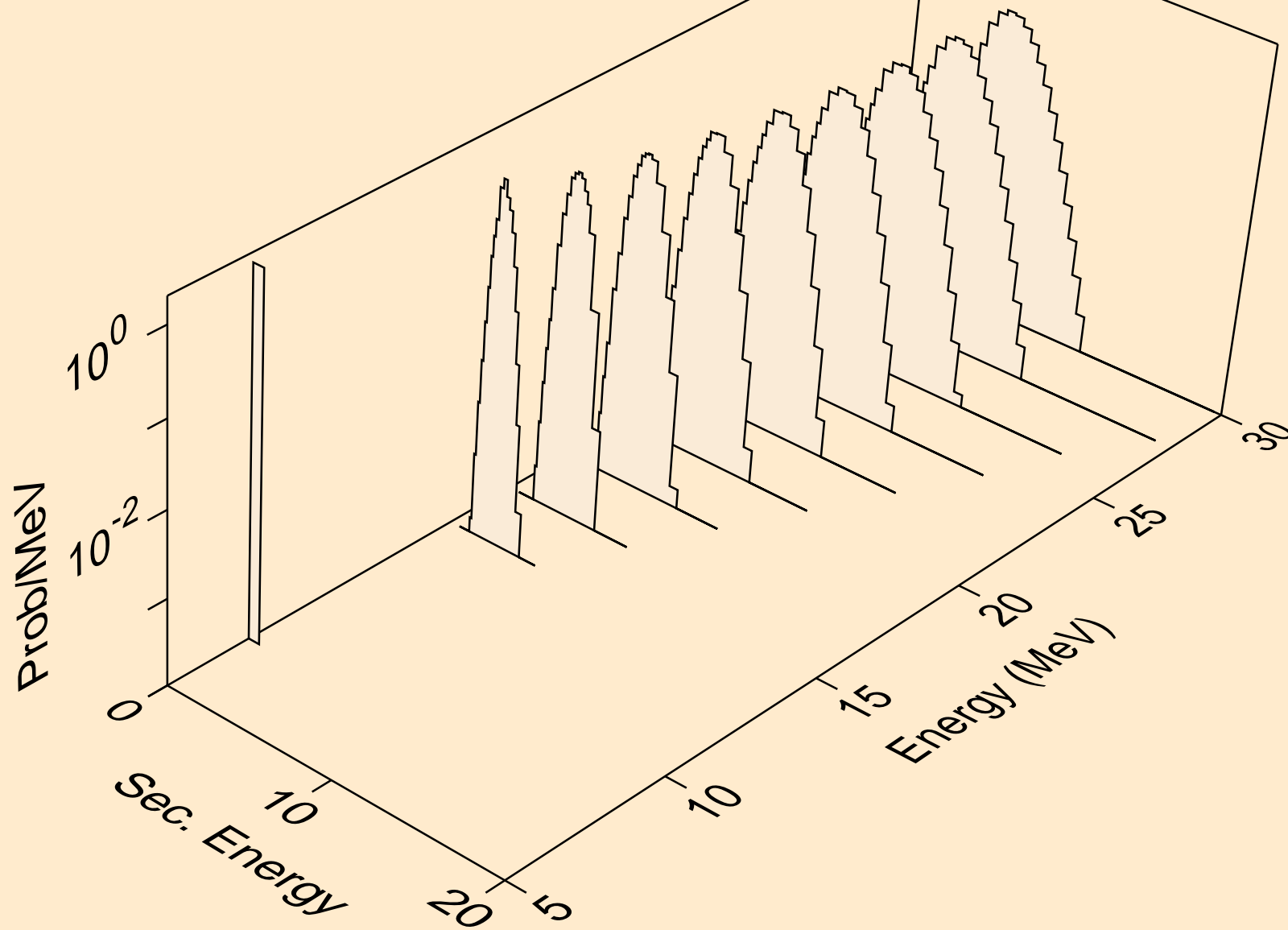
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protons from (n,p)



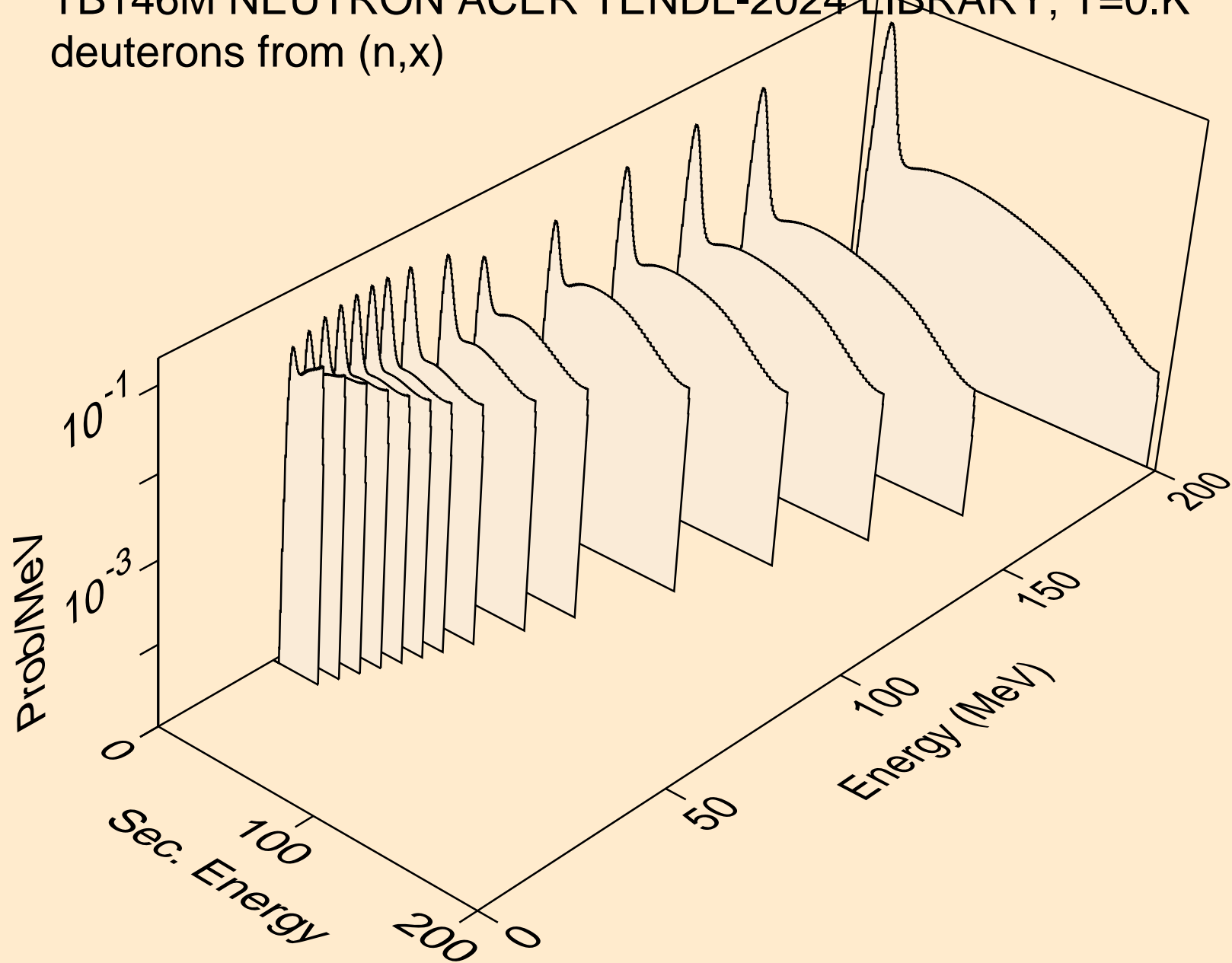
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

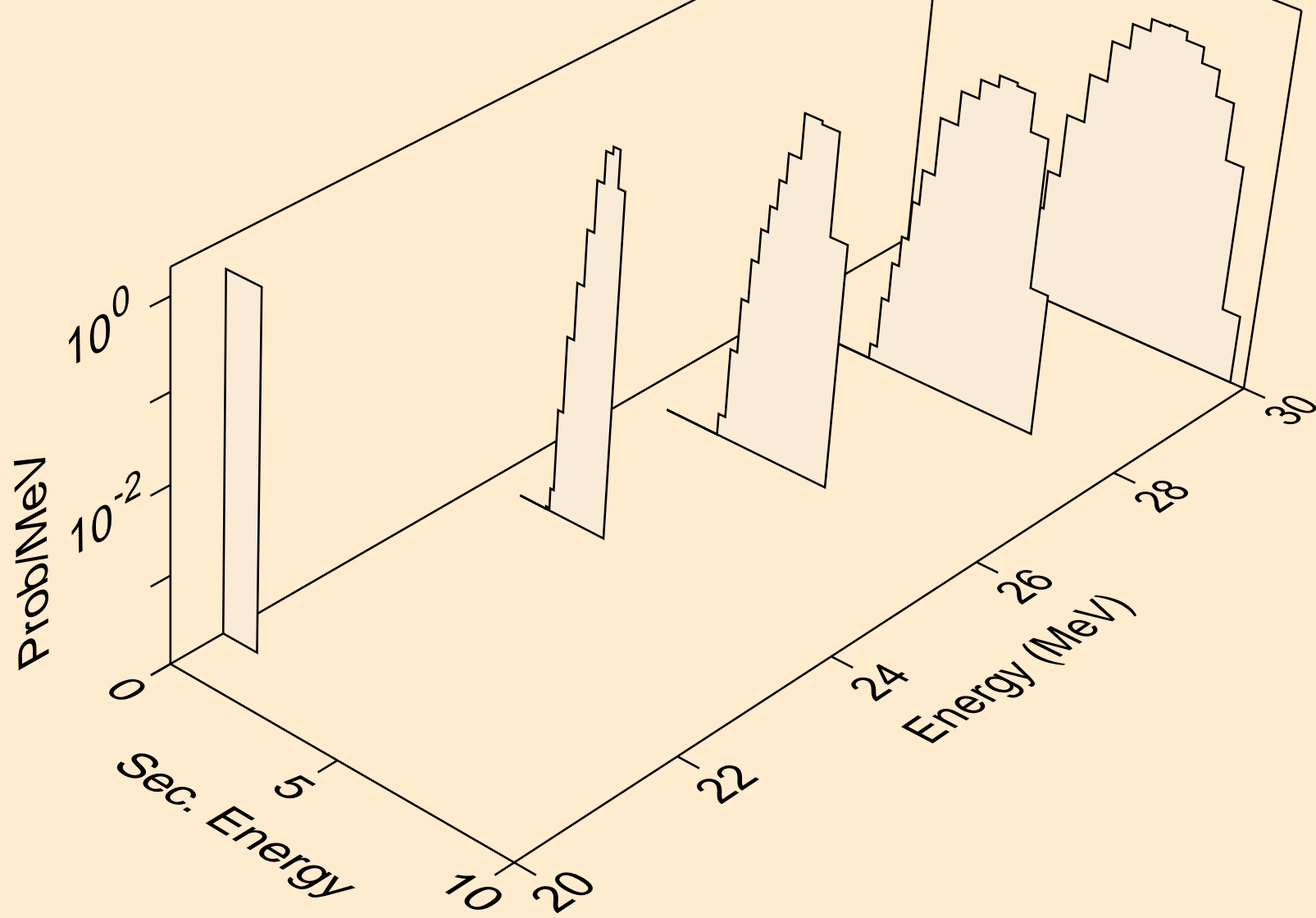


TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

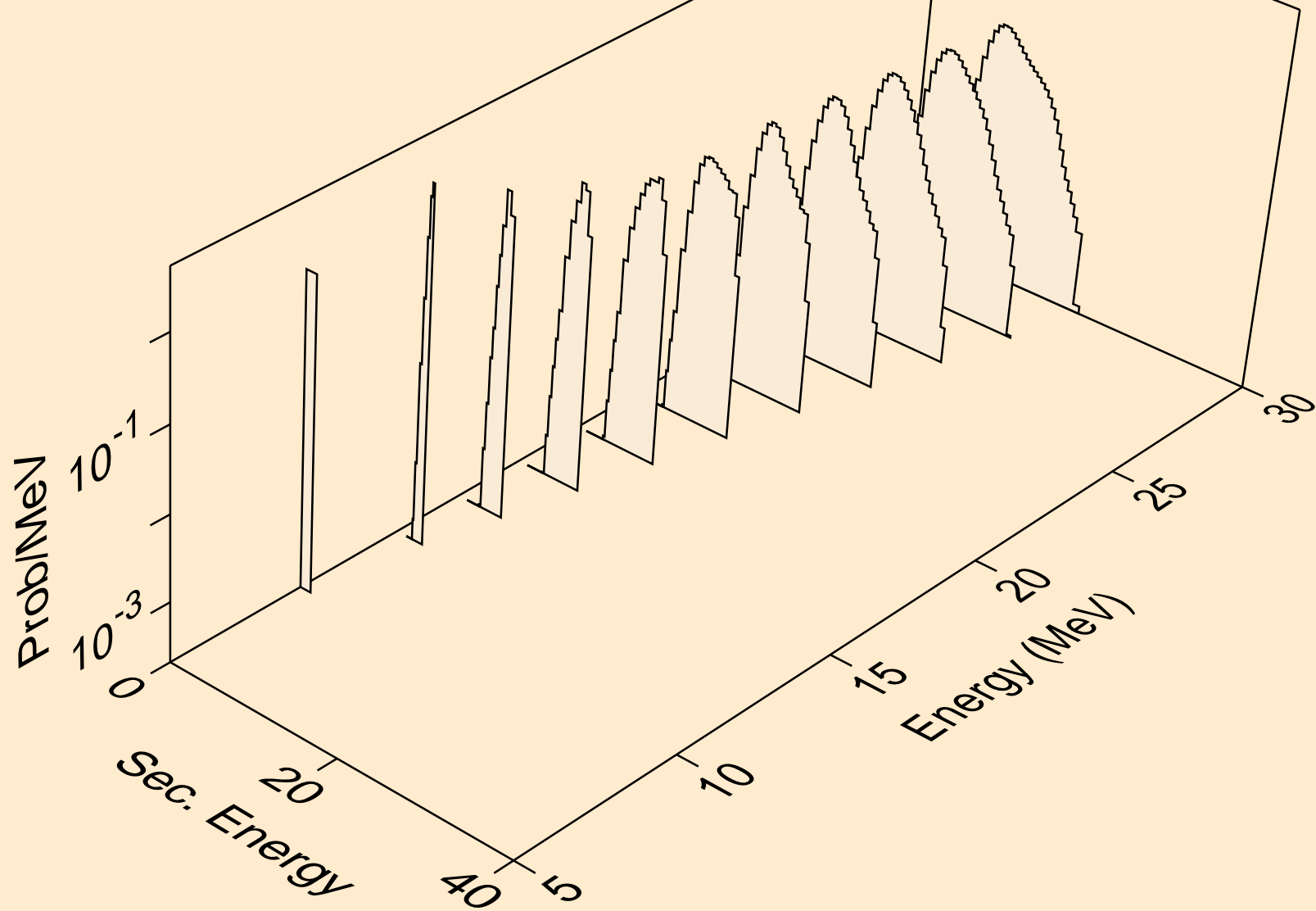




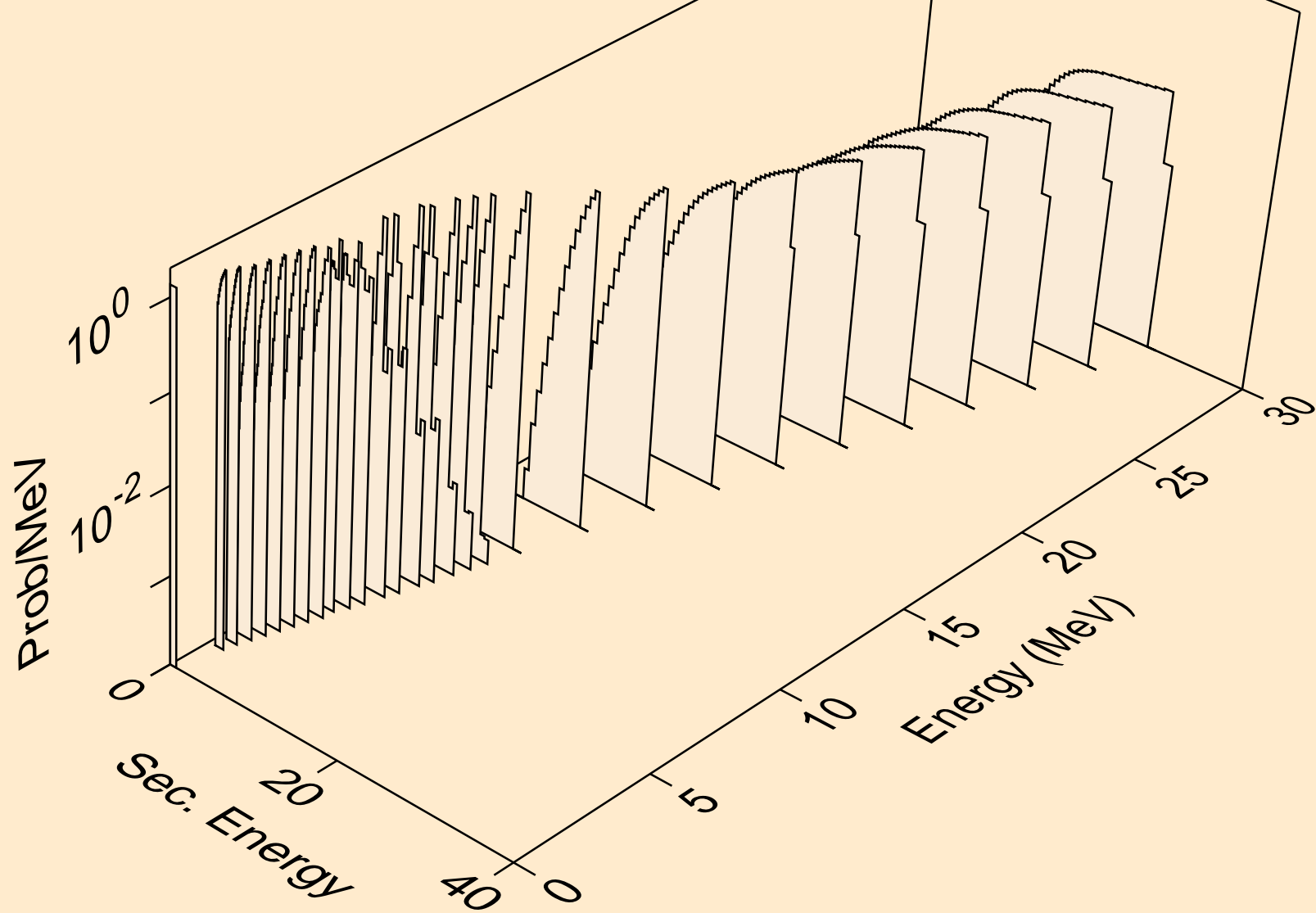
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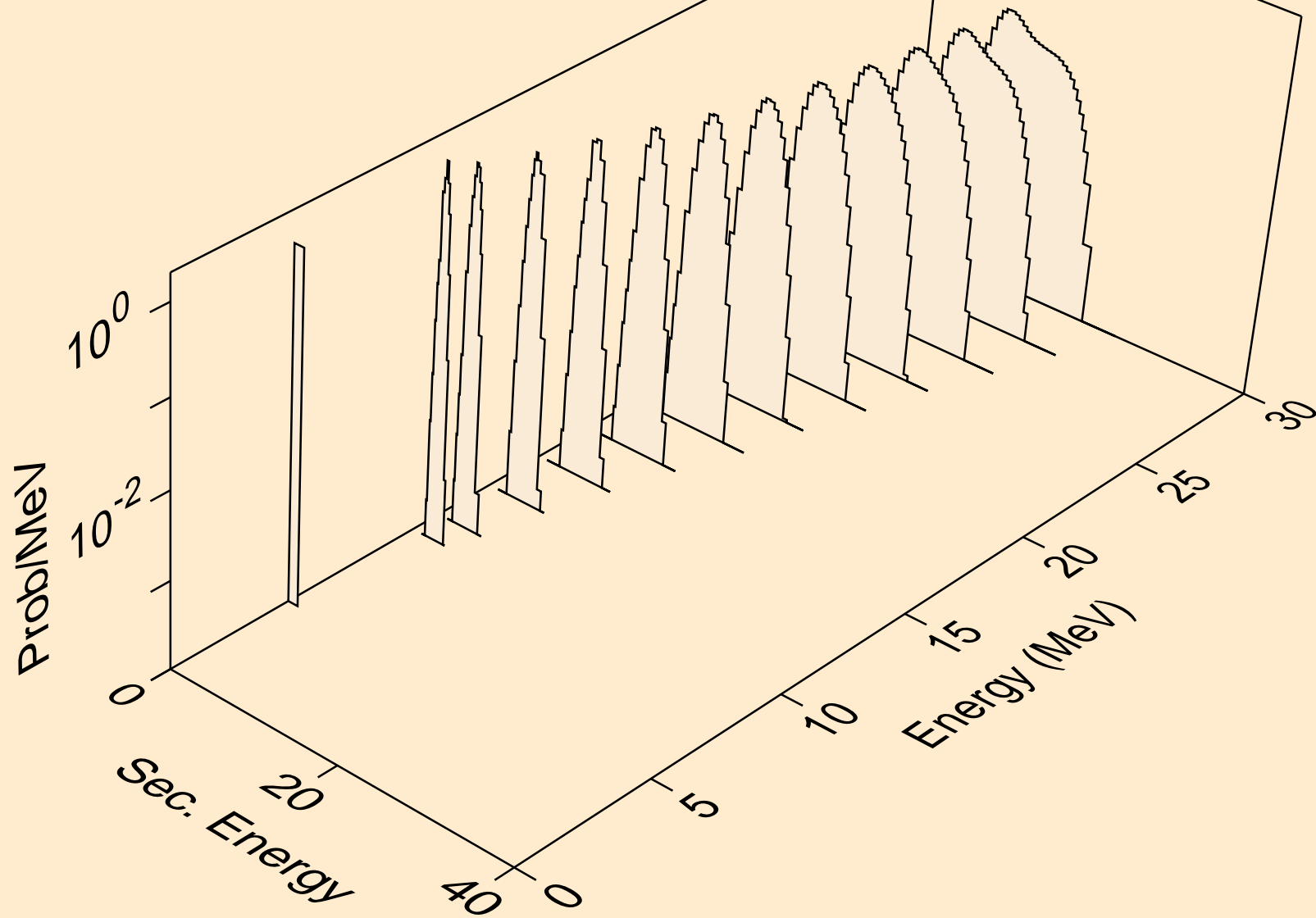
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deuterons from (n,n\*)d



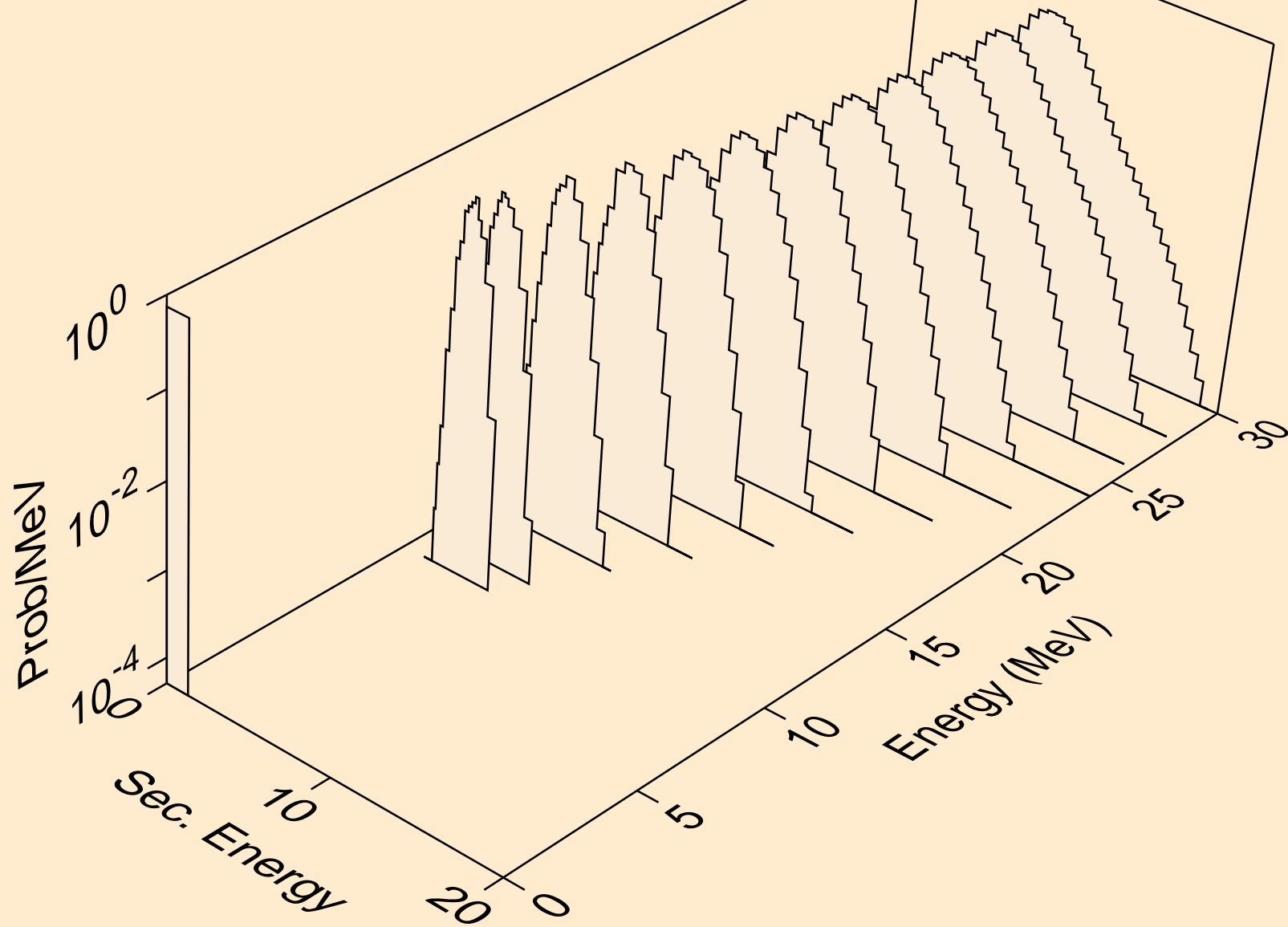
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deuterons from (n,d)



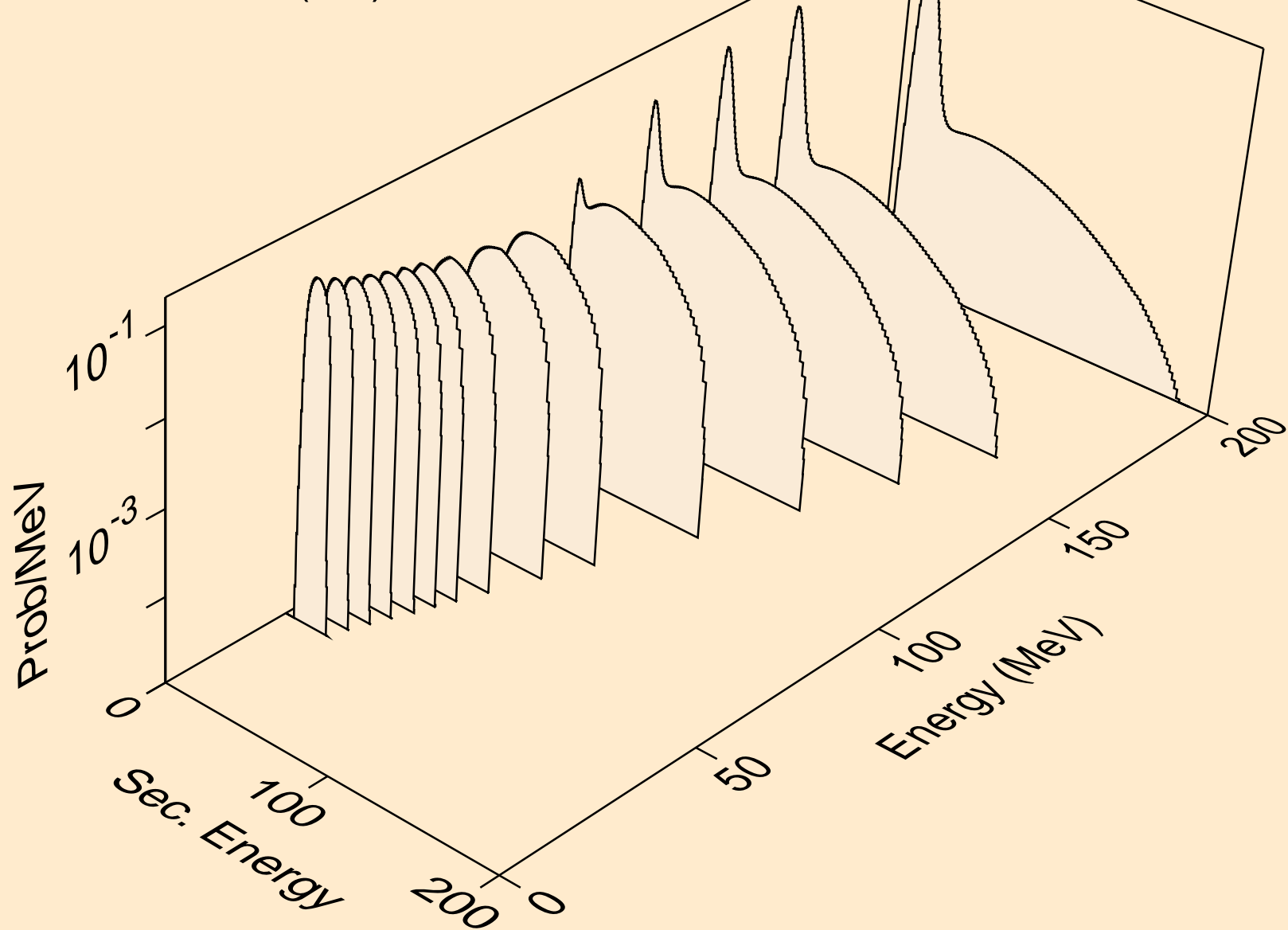
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deuterons from (n,pd)



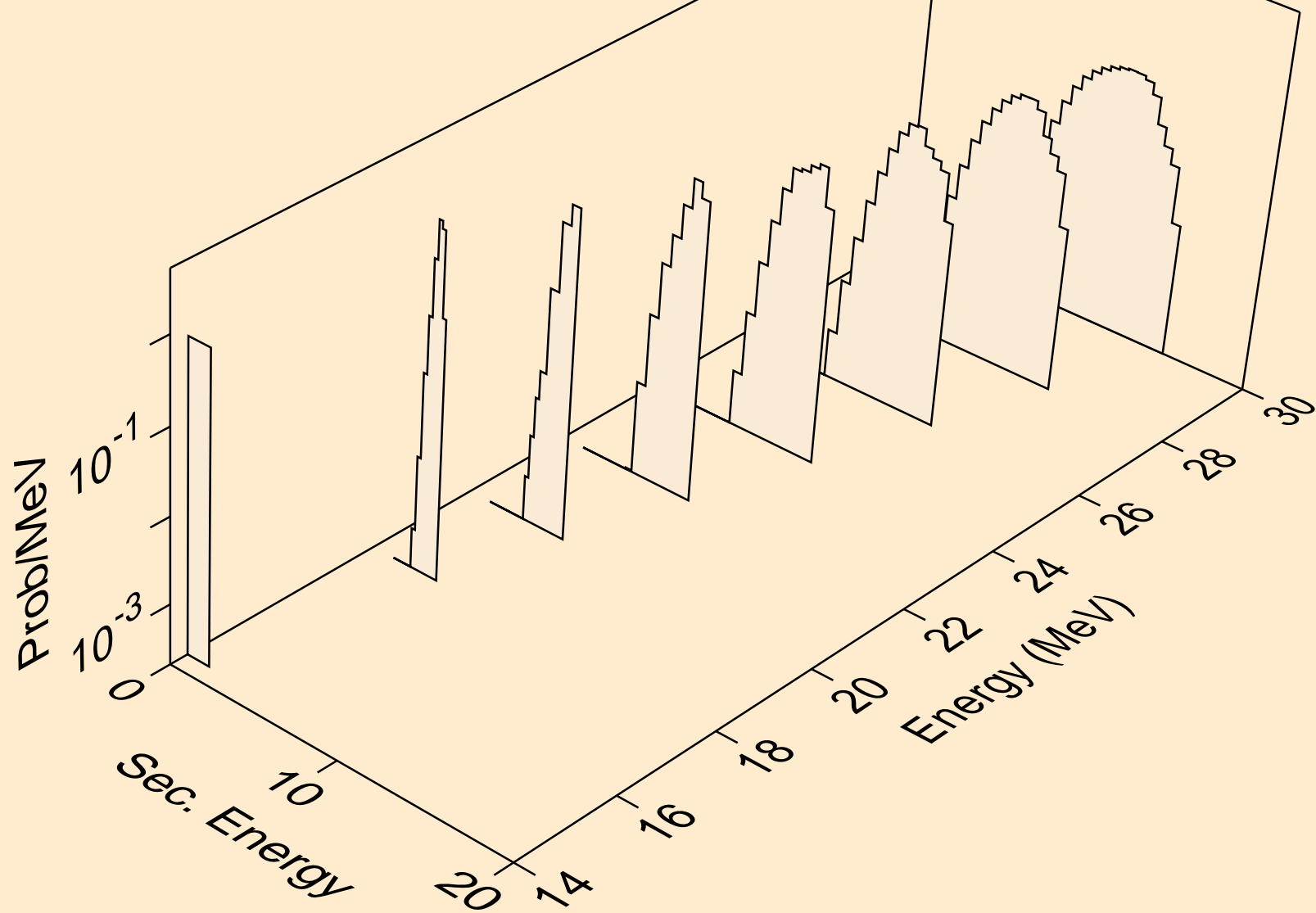
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deuterons from (n,da)



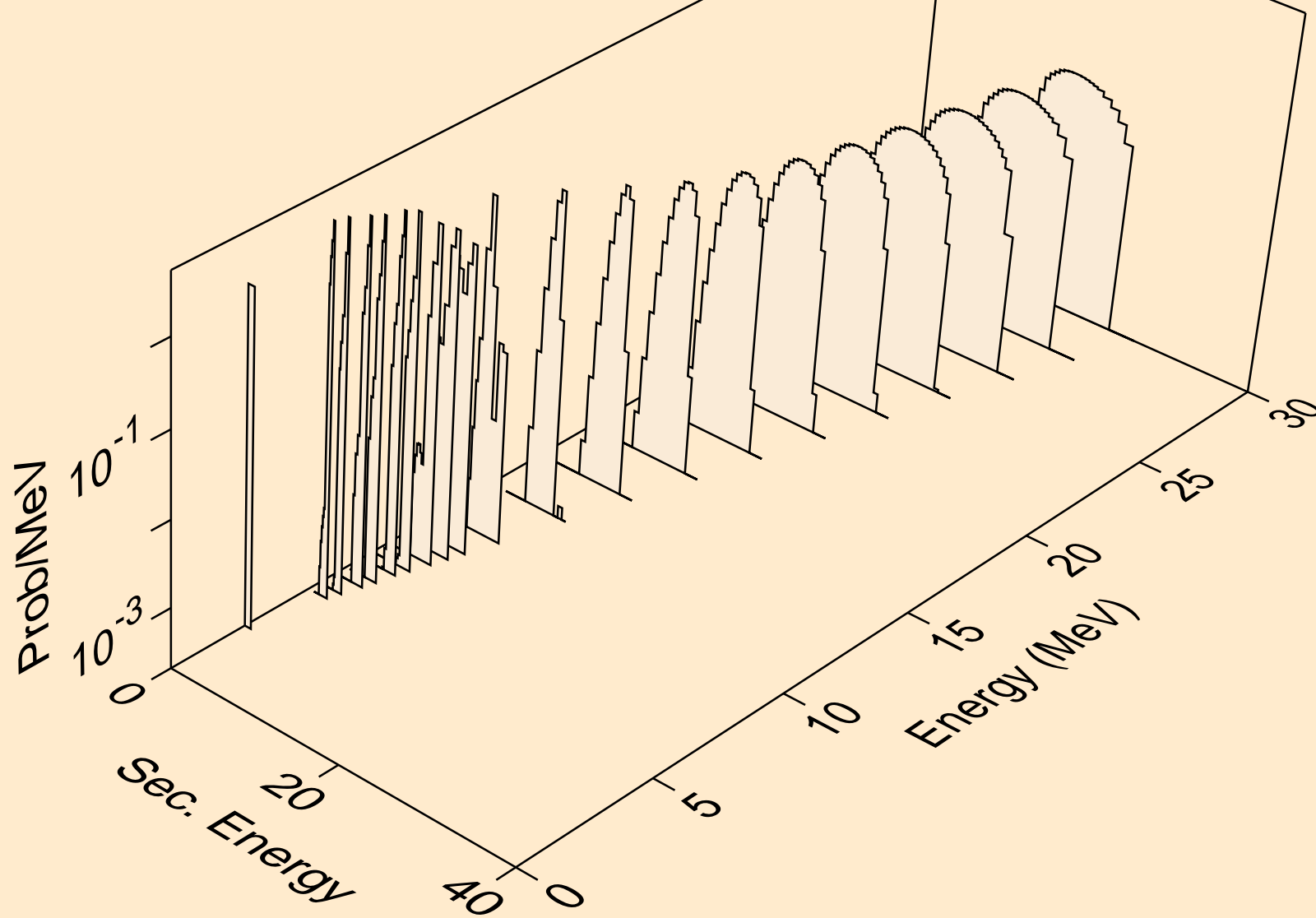
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

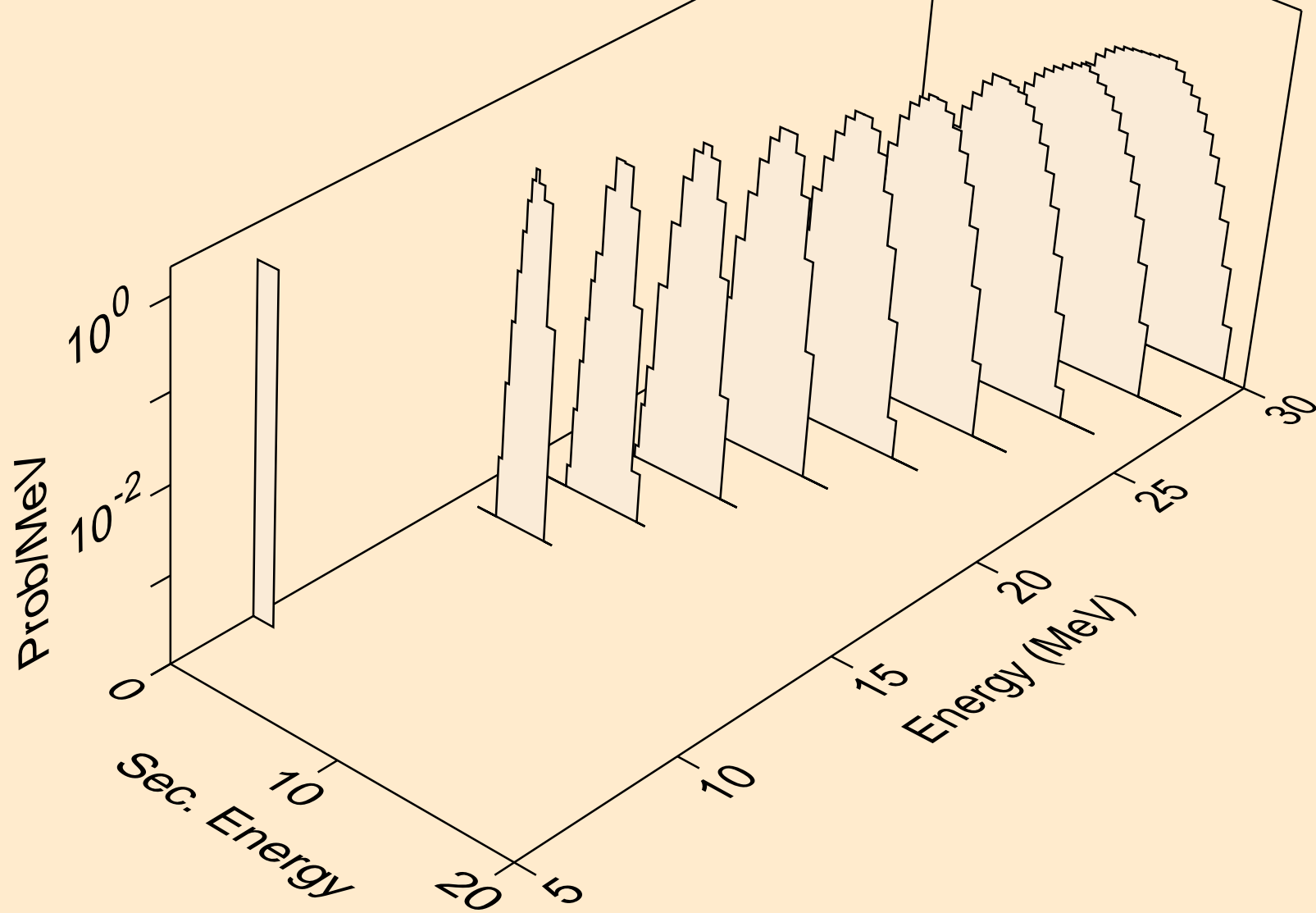


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tritons from (n,t)

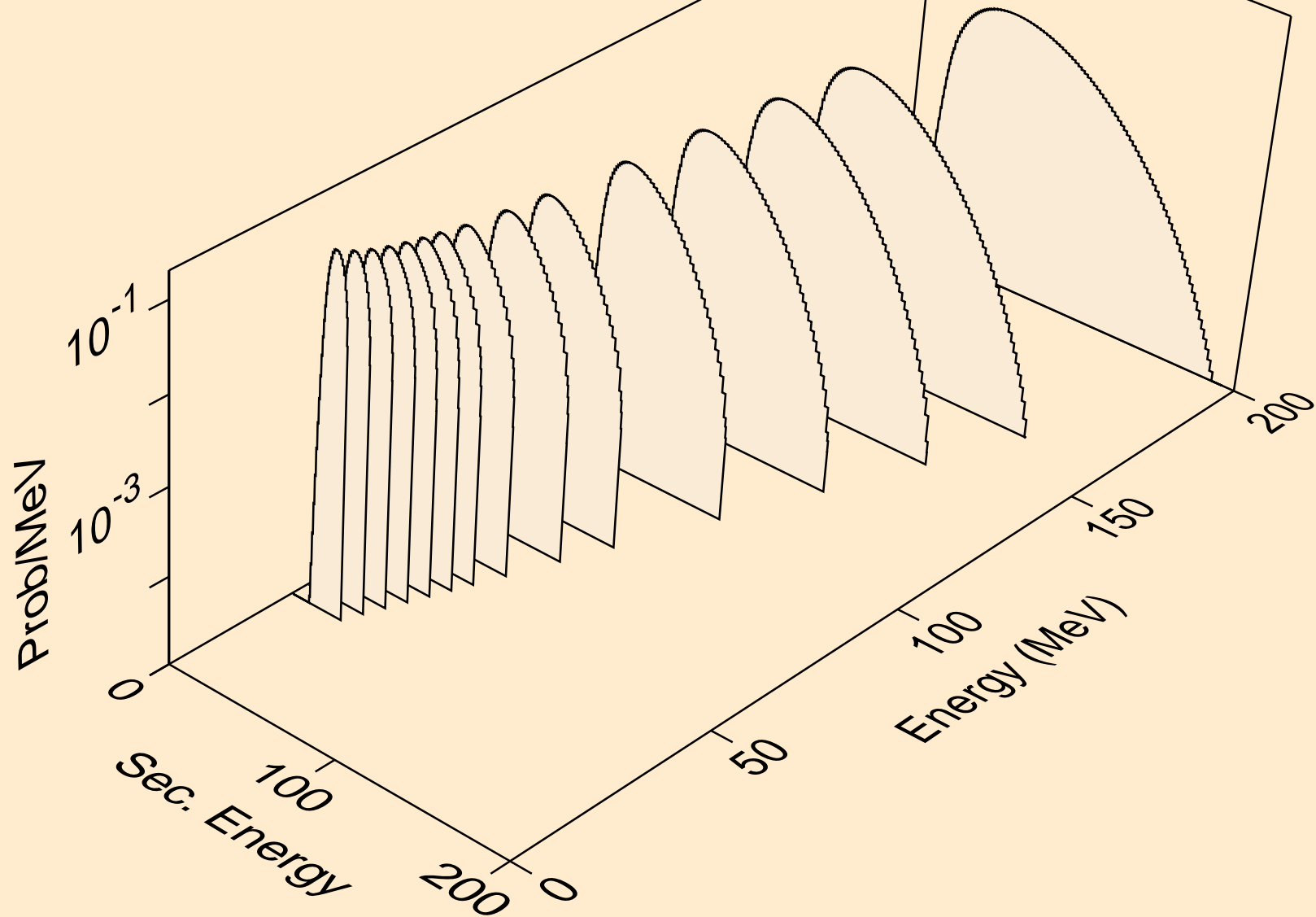




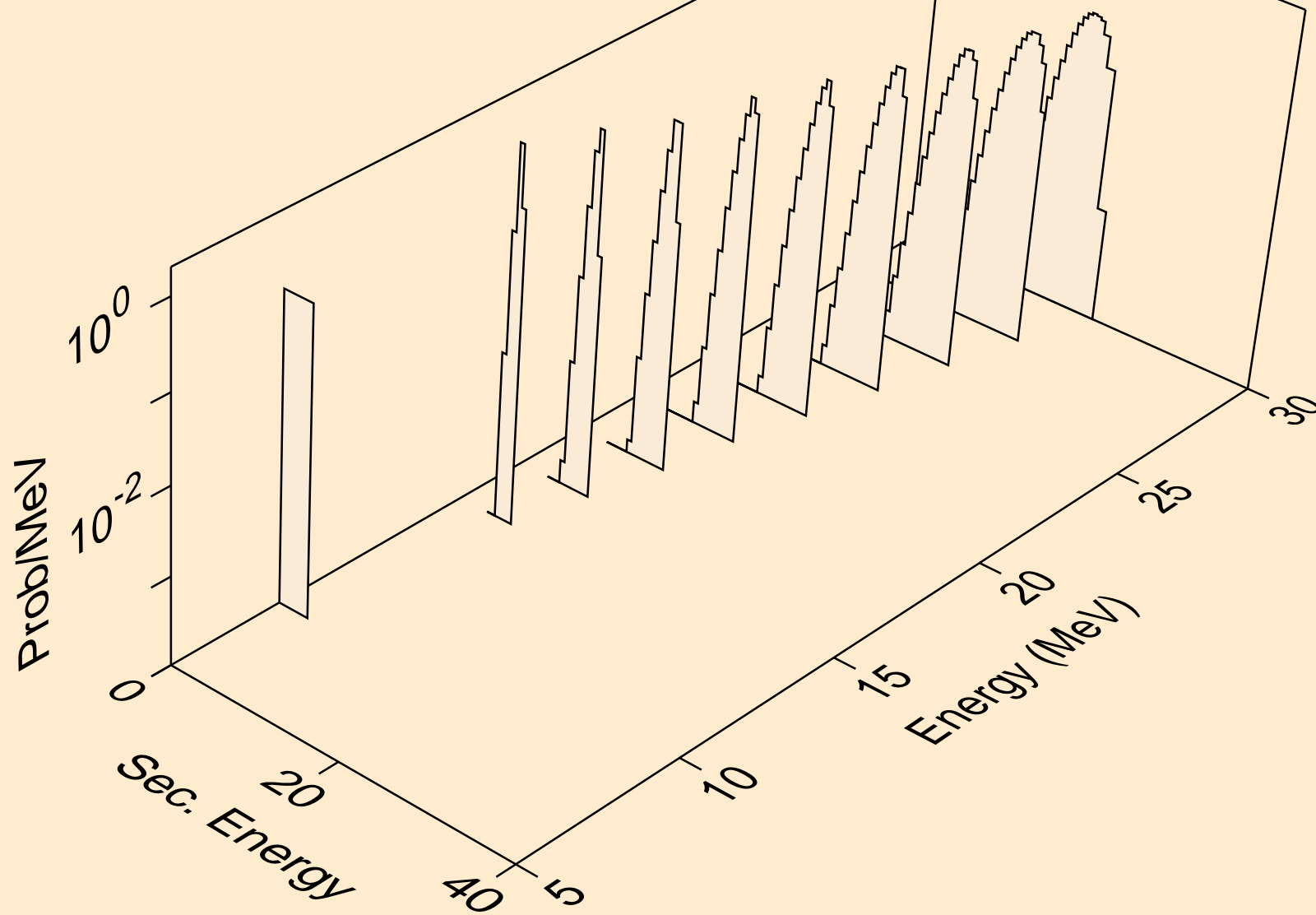
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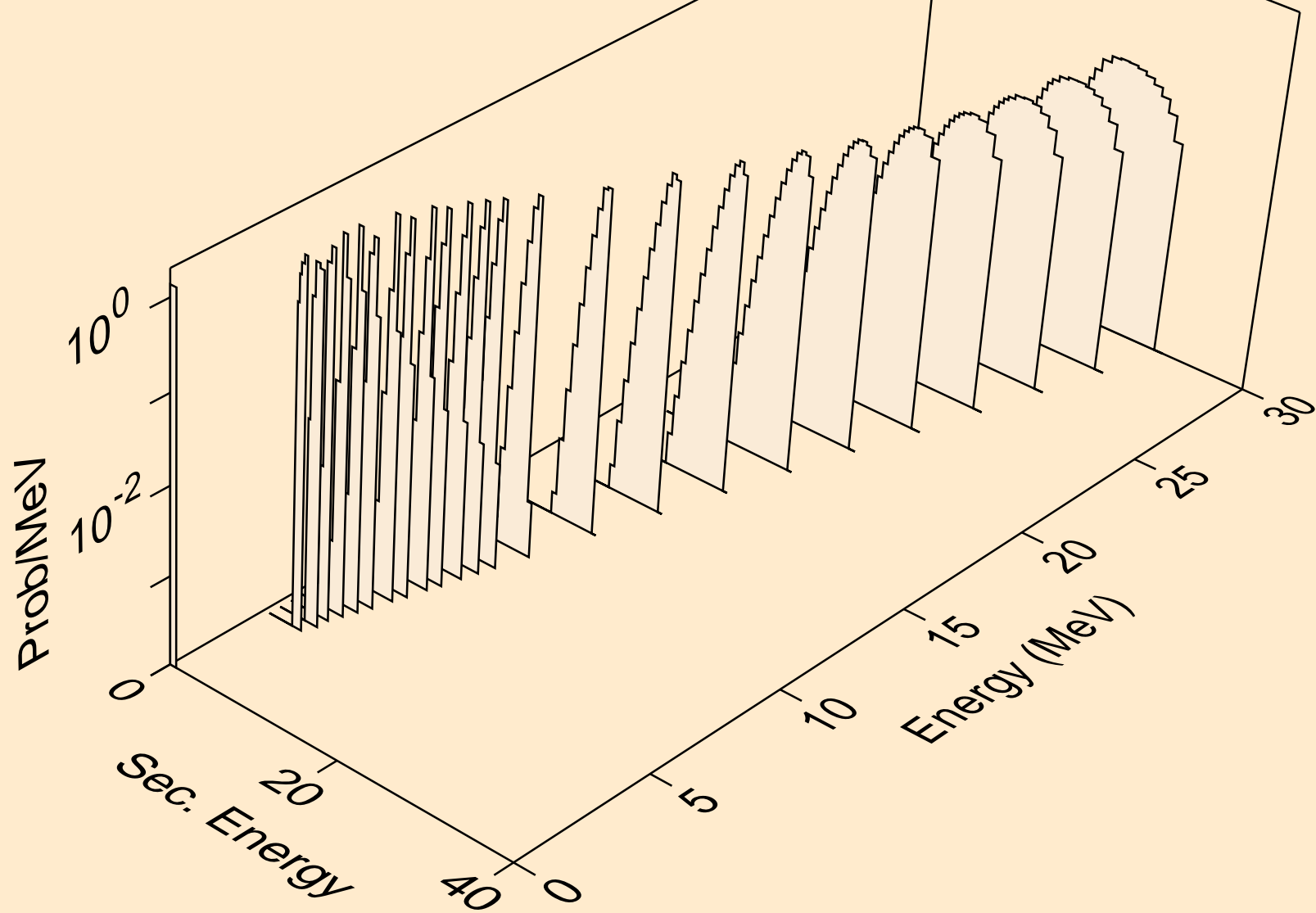
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he3s from (n,x)



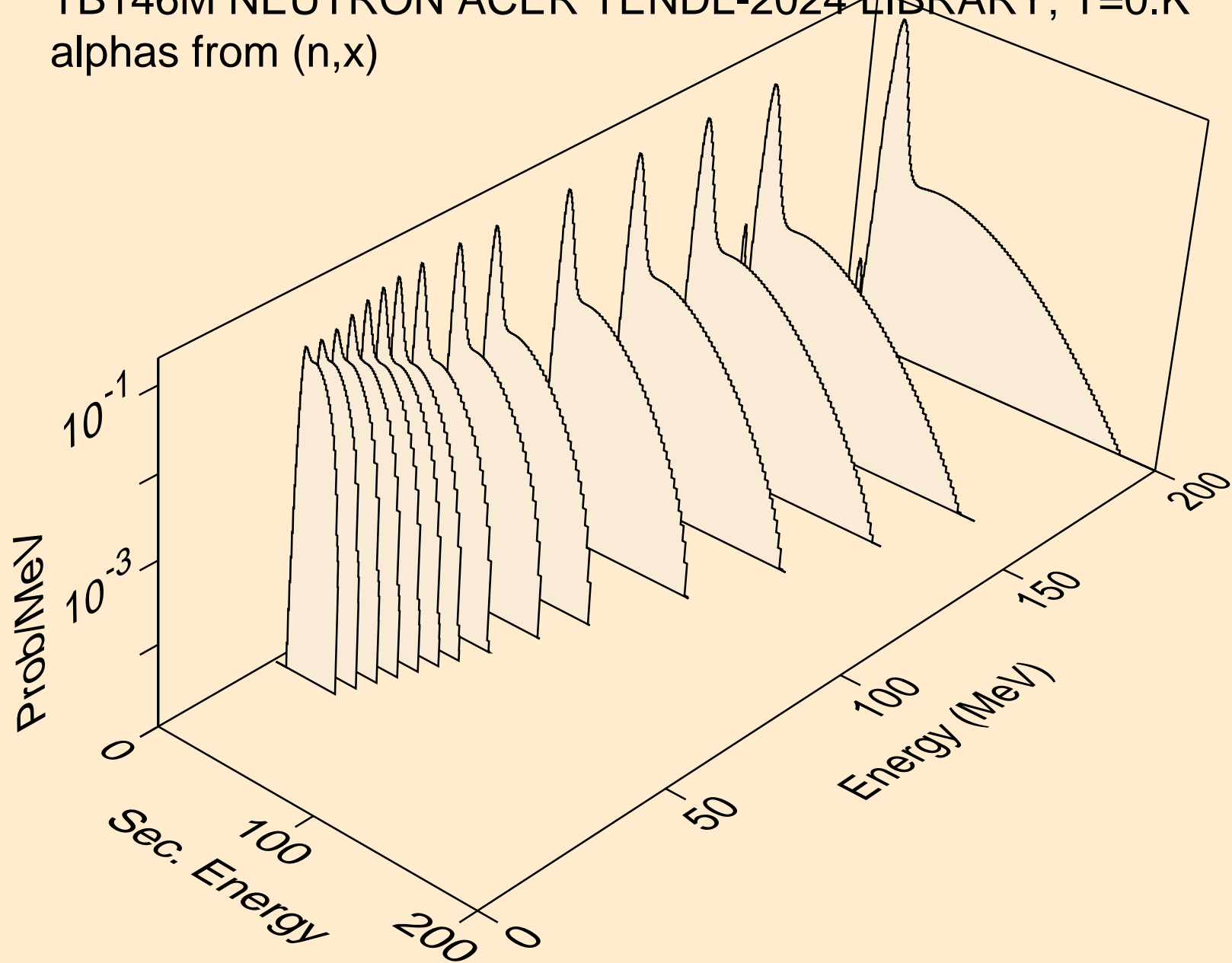
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



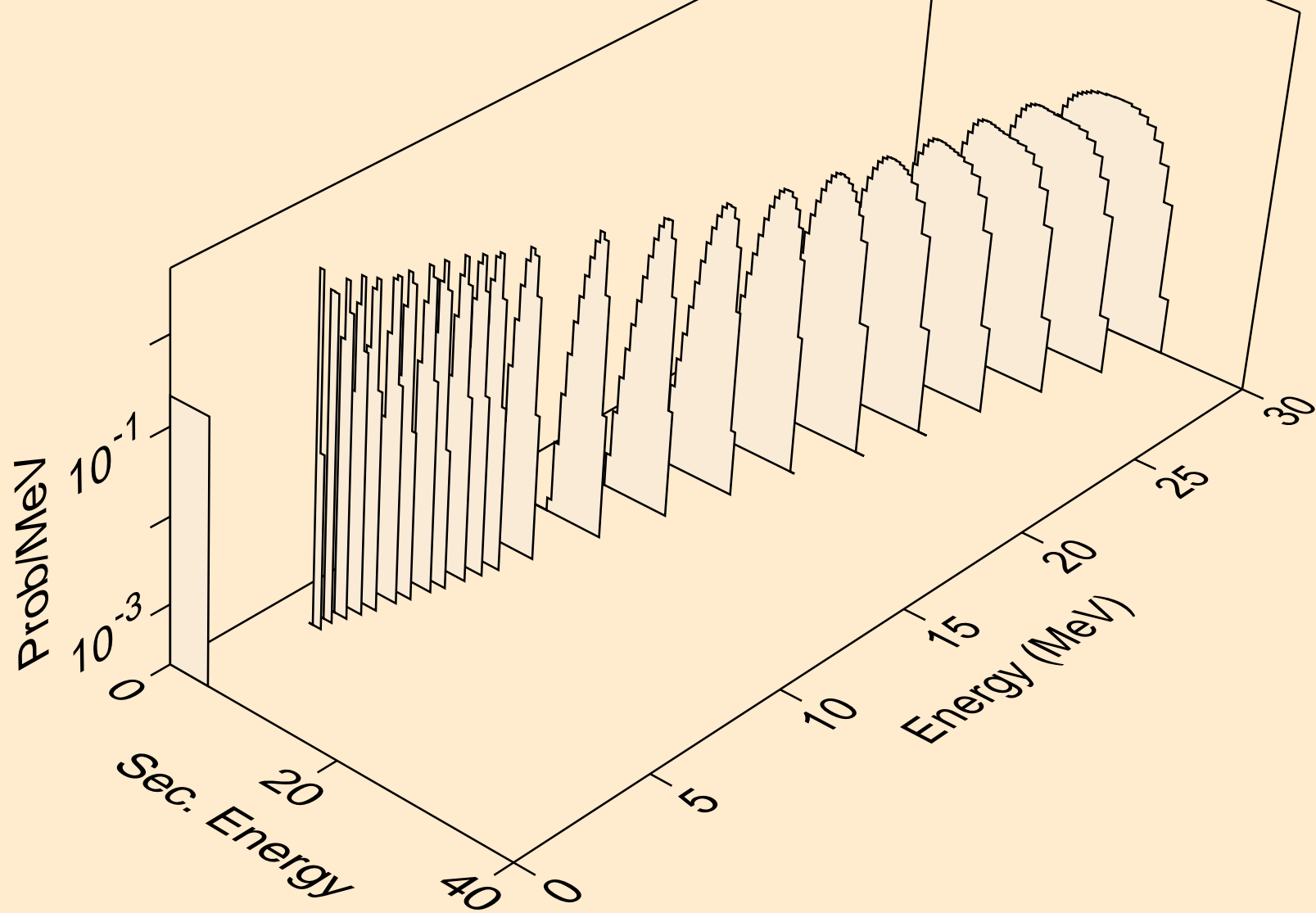
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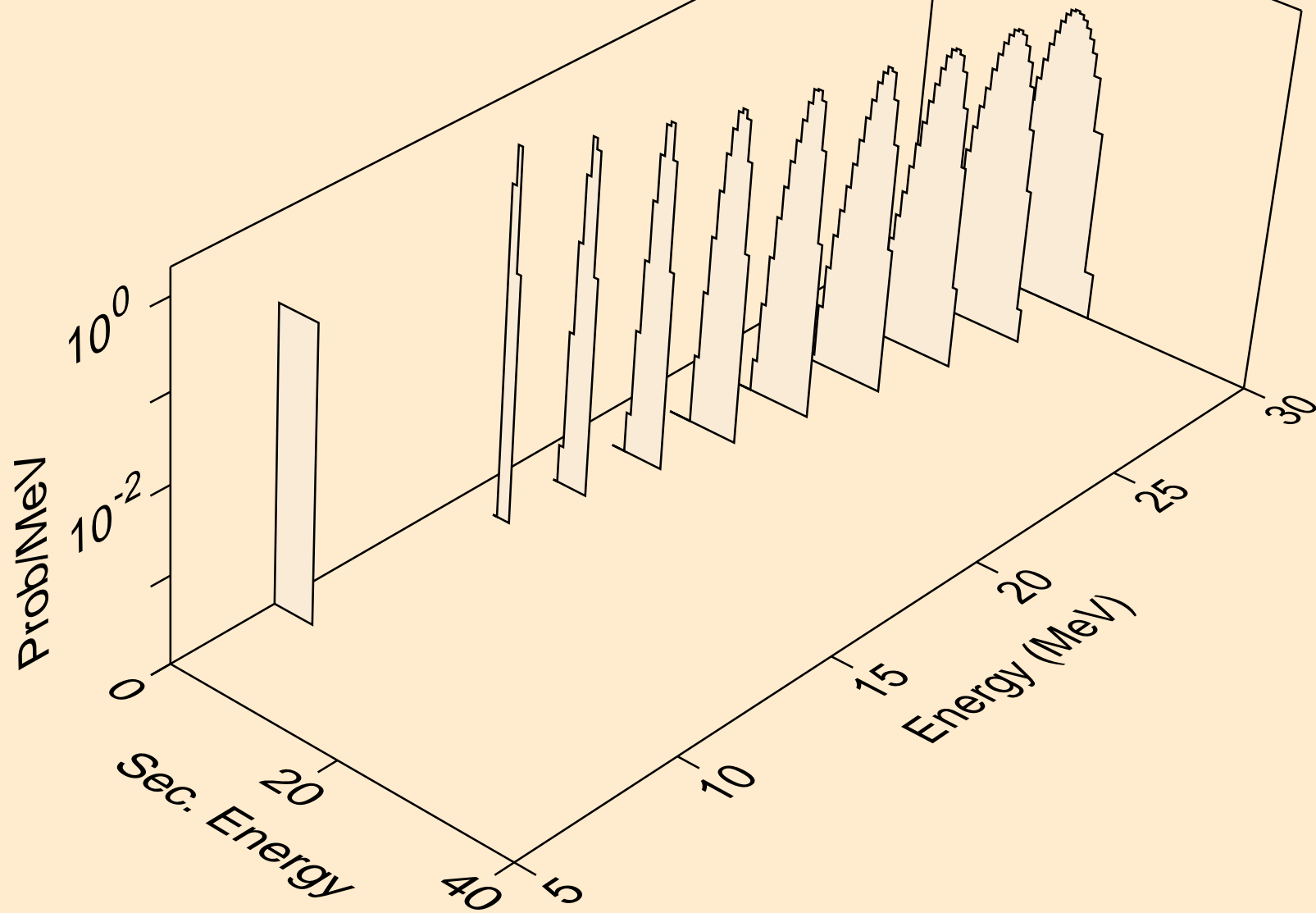
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



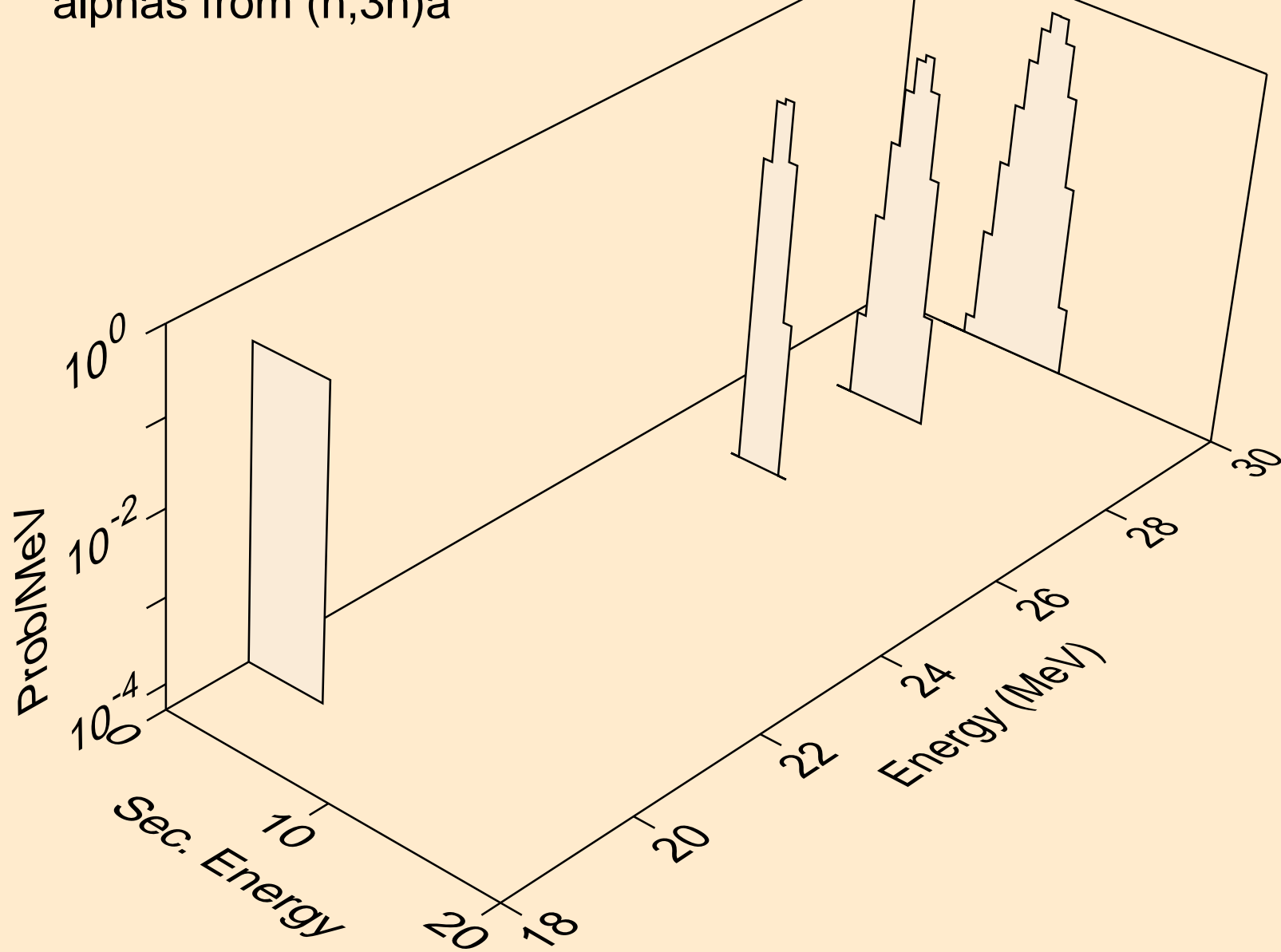
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

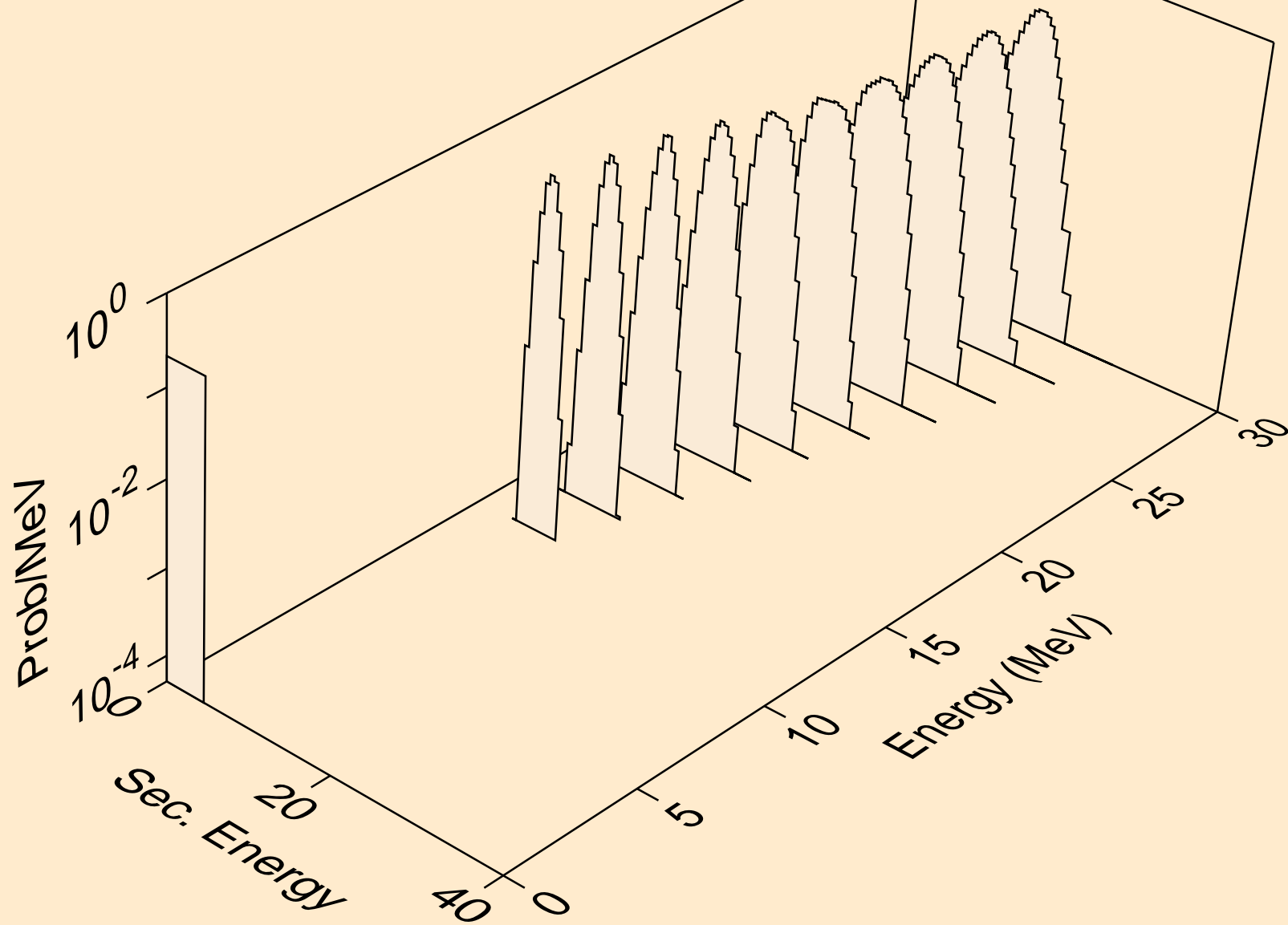


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alphas from (n,3n)a

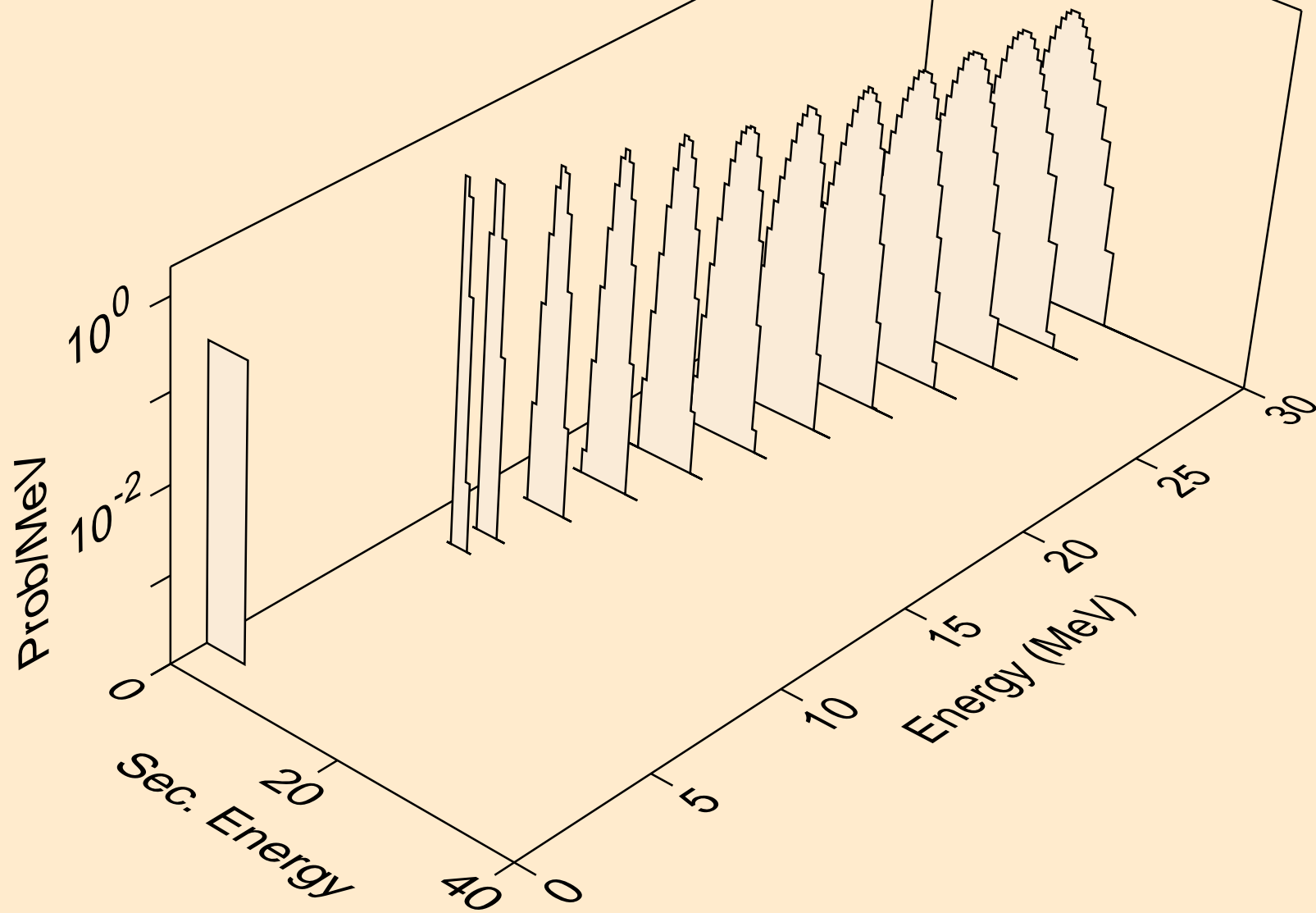




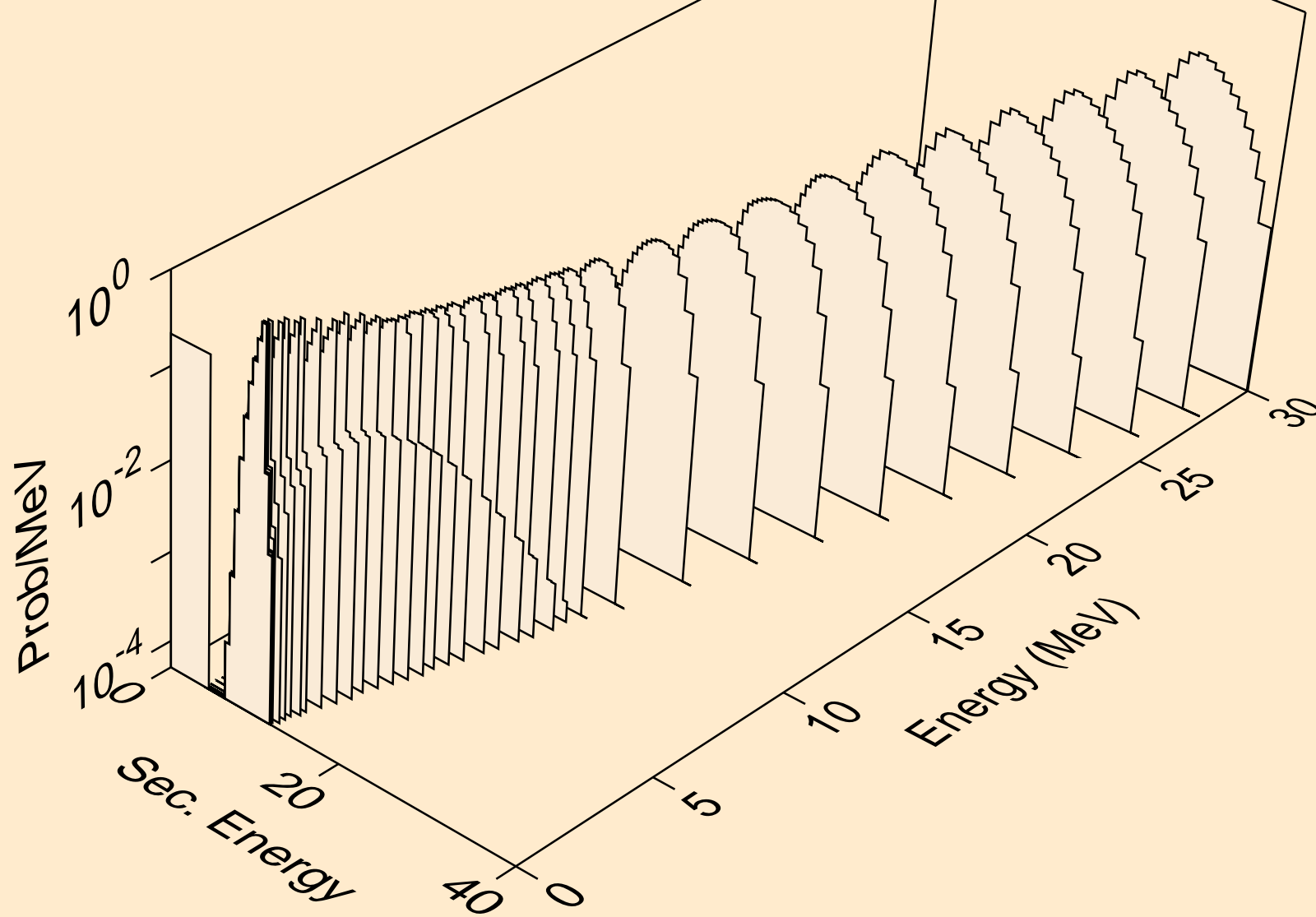
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alphas from (n,n\*)2a



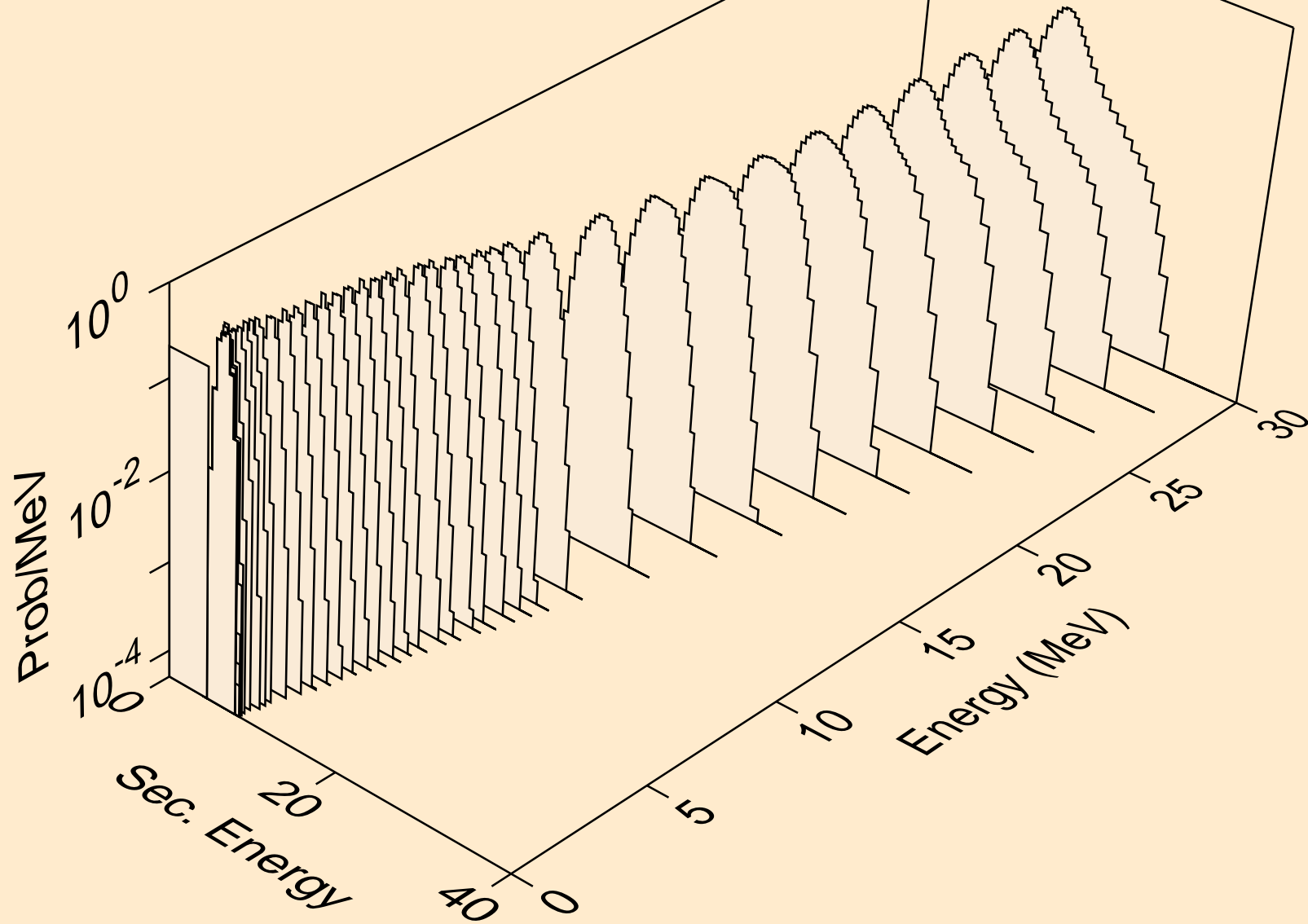
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alphas from (n,npa)



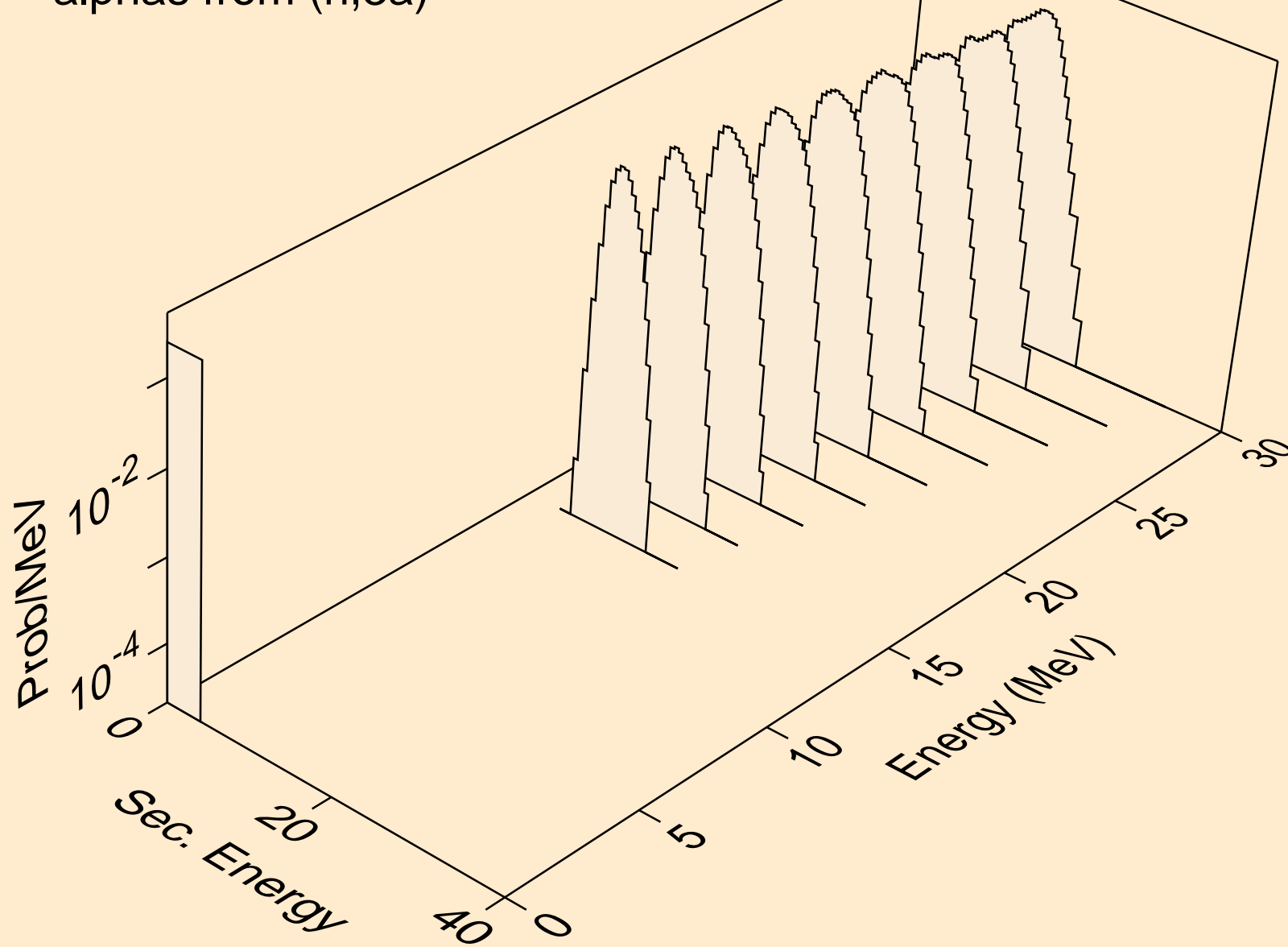
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alphas from (n,a)



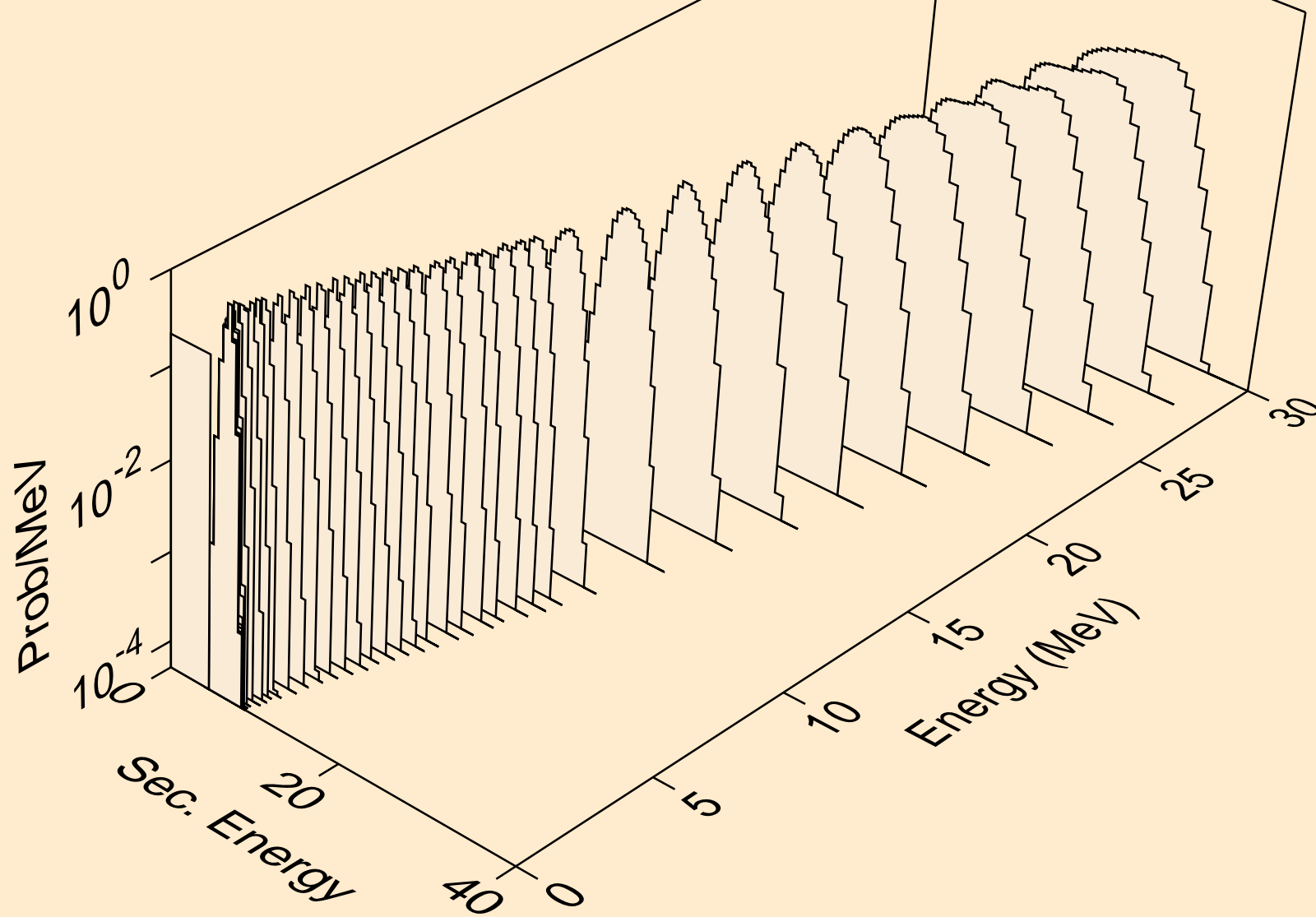
TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



TB146M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

