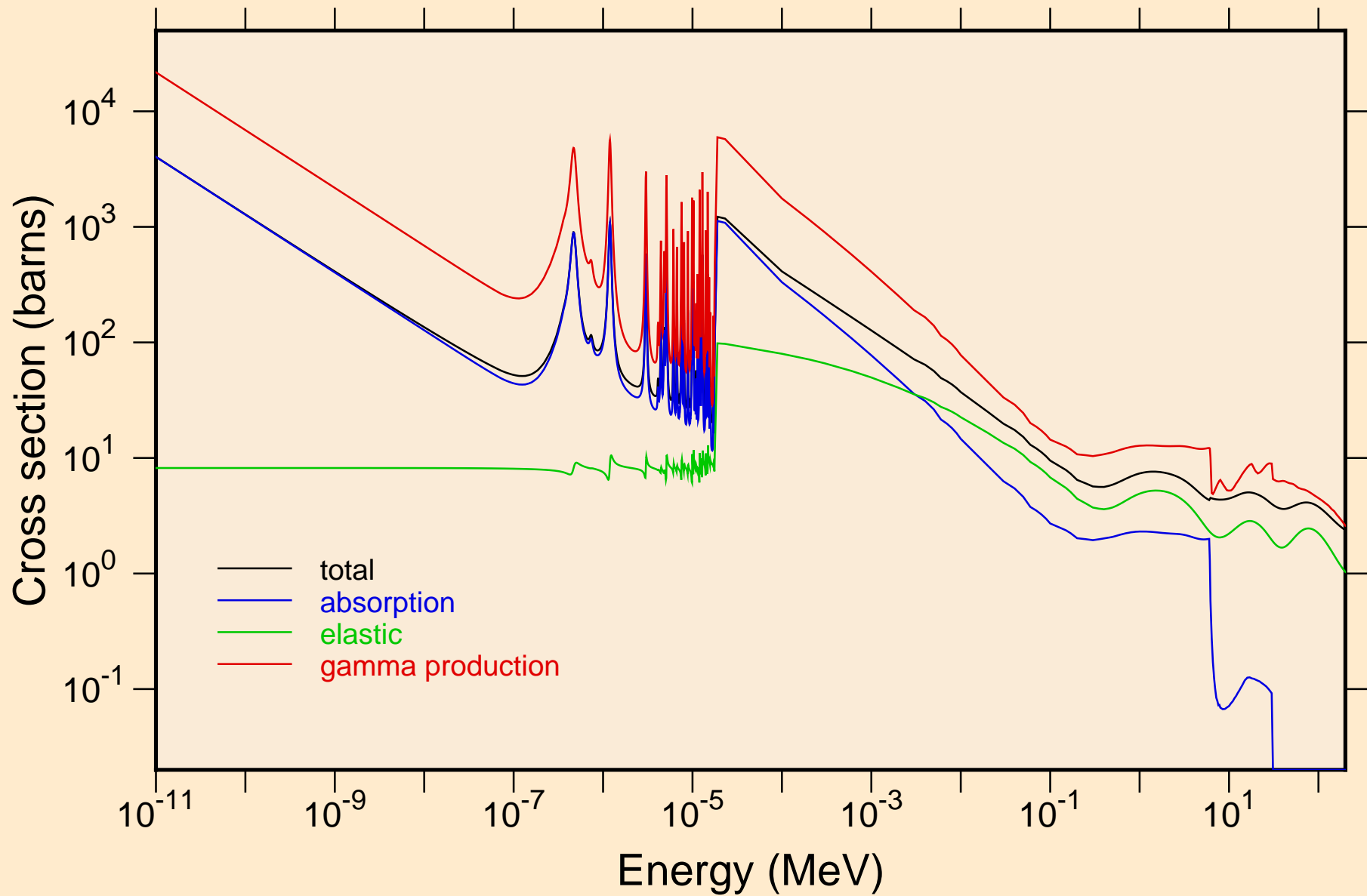
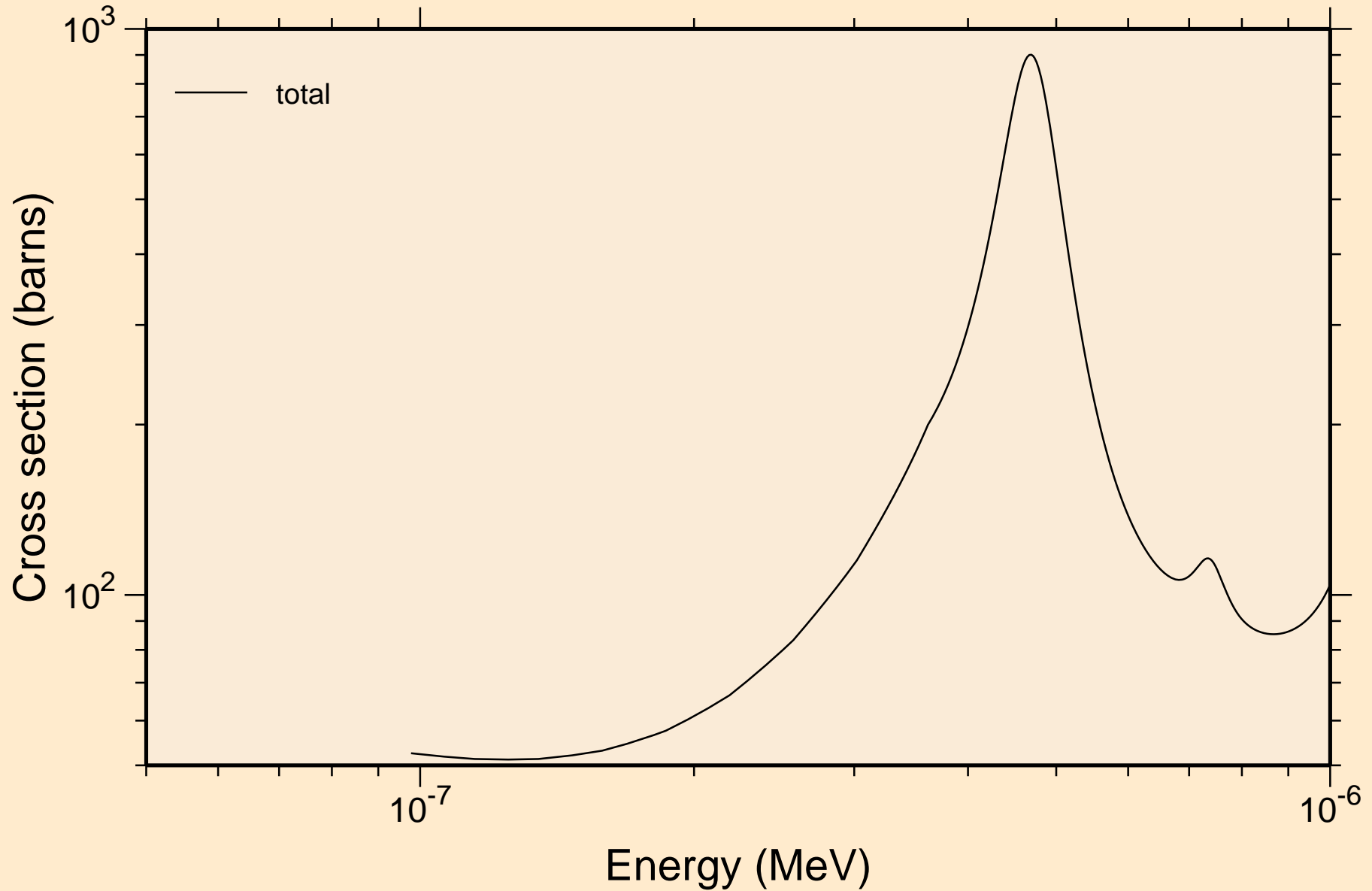


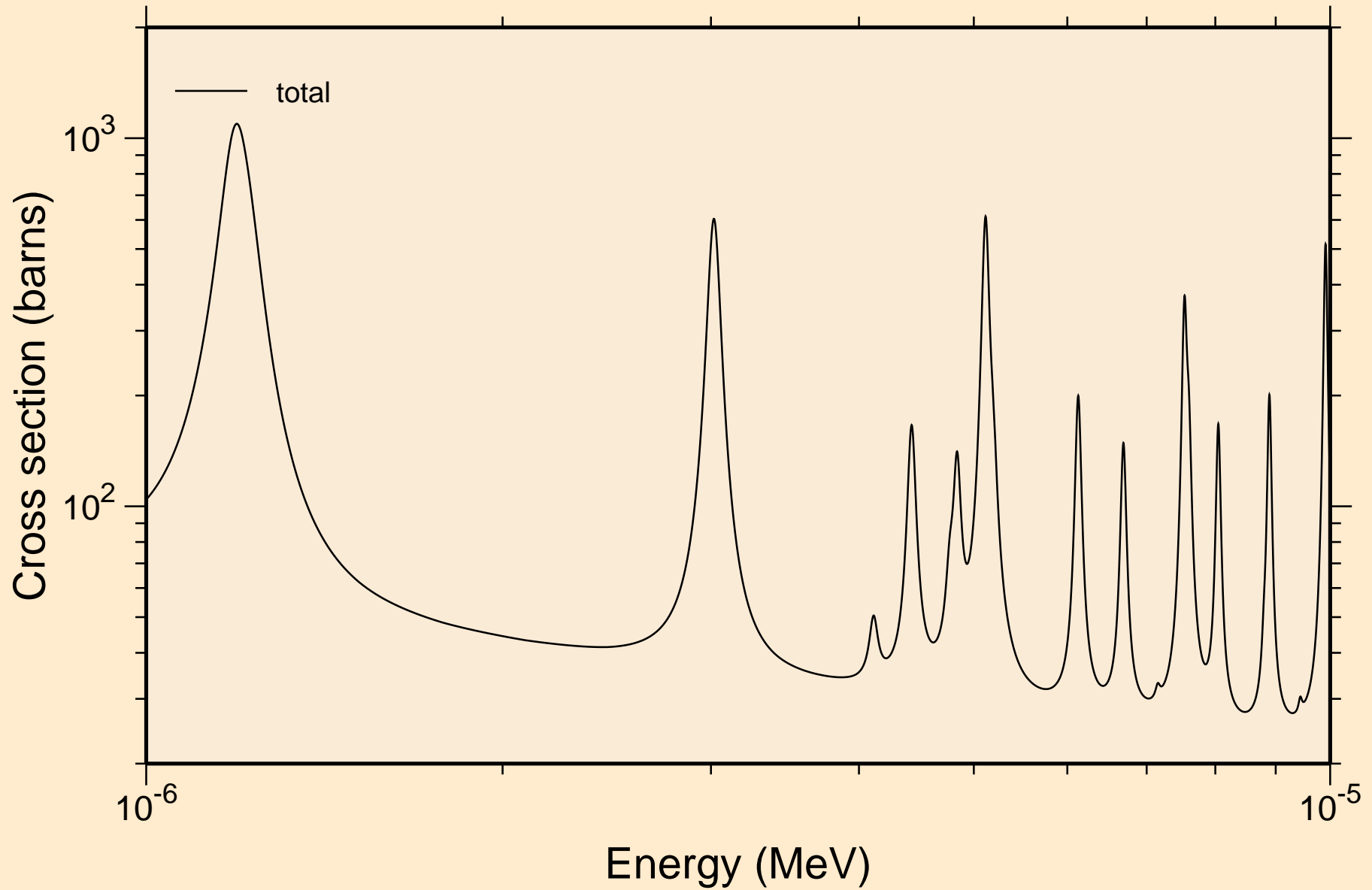
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



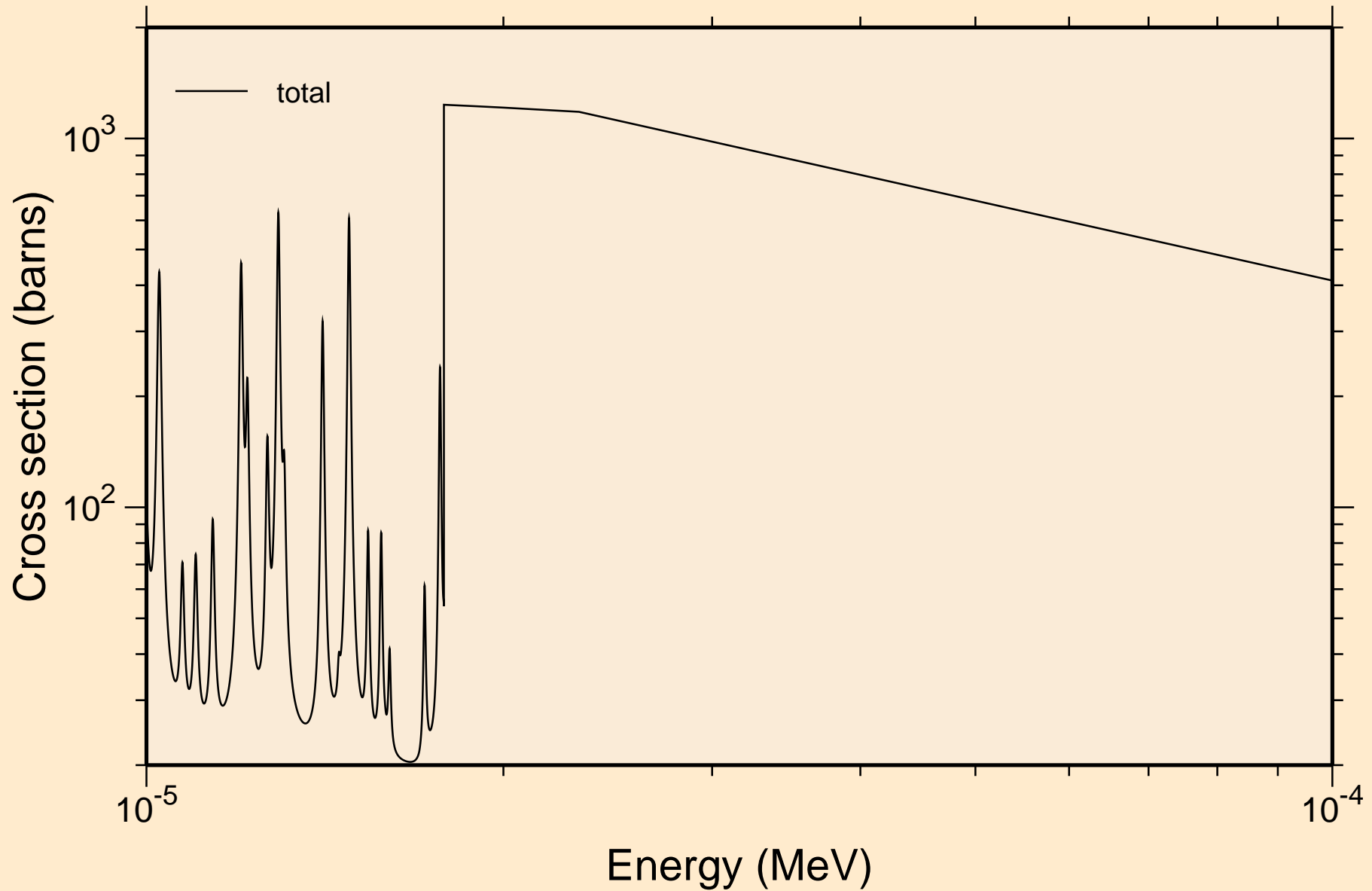
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resonance total cross section



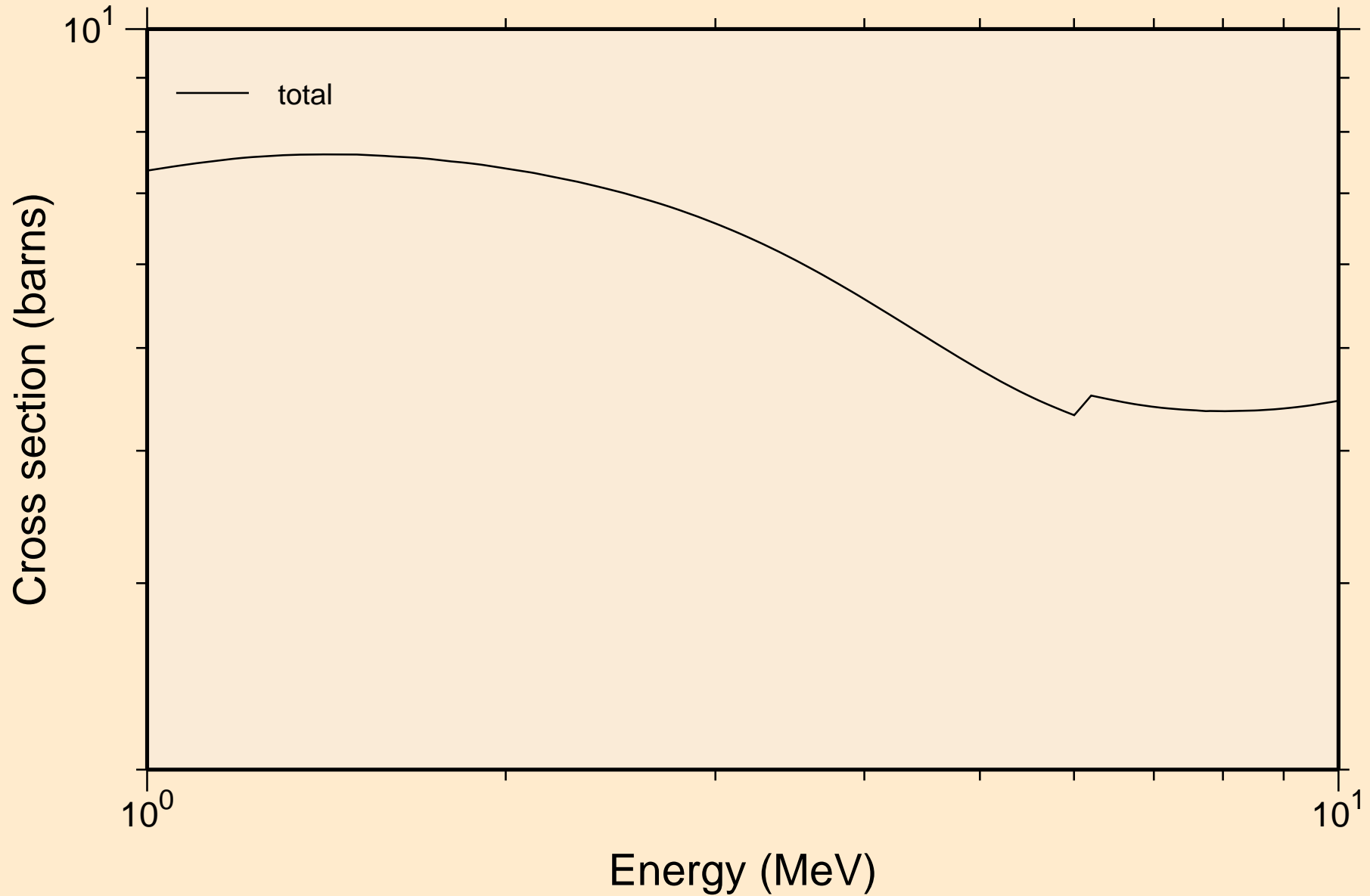
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resonance total cross section



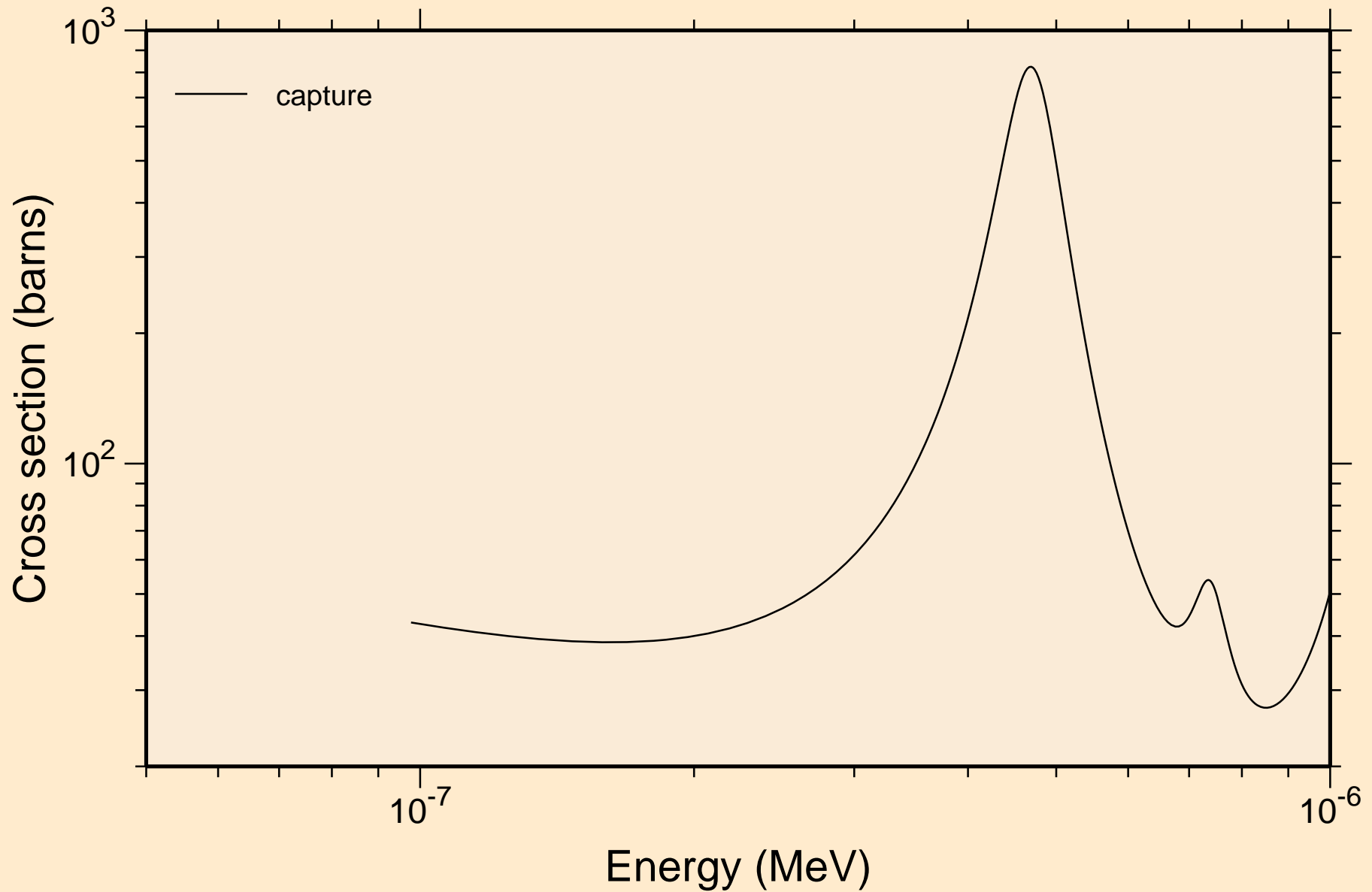
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resonance total cross section



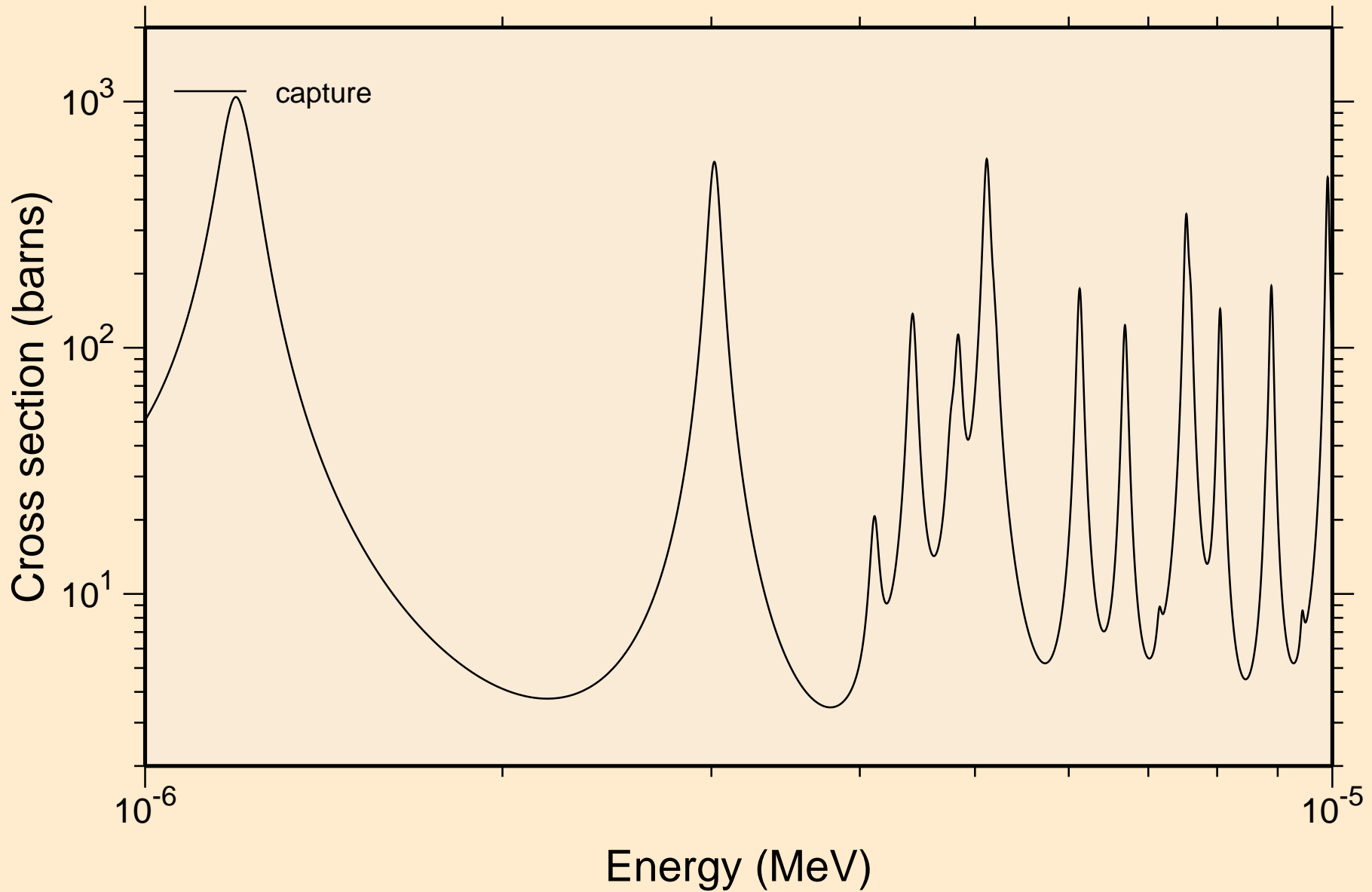
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resonance total cross section



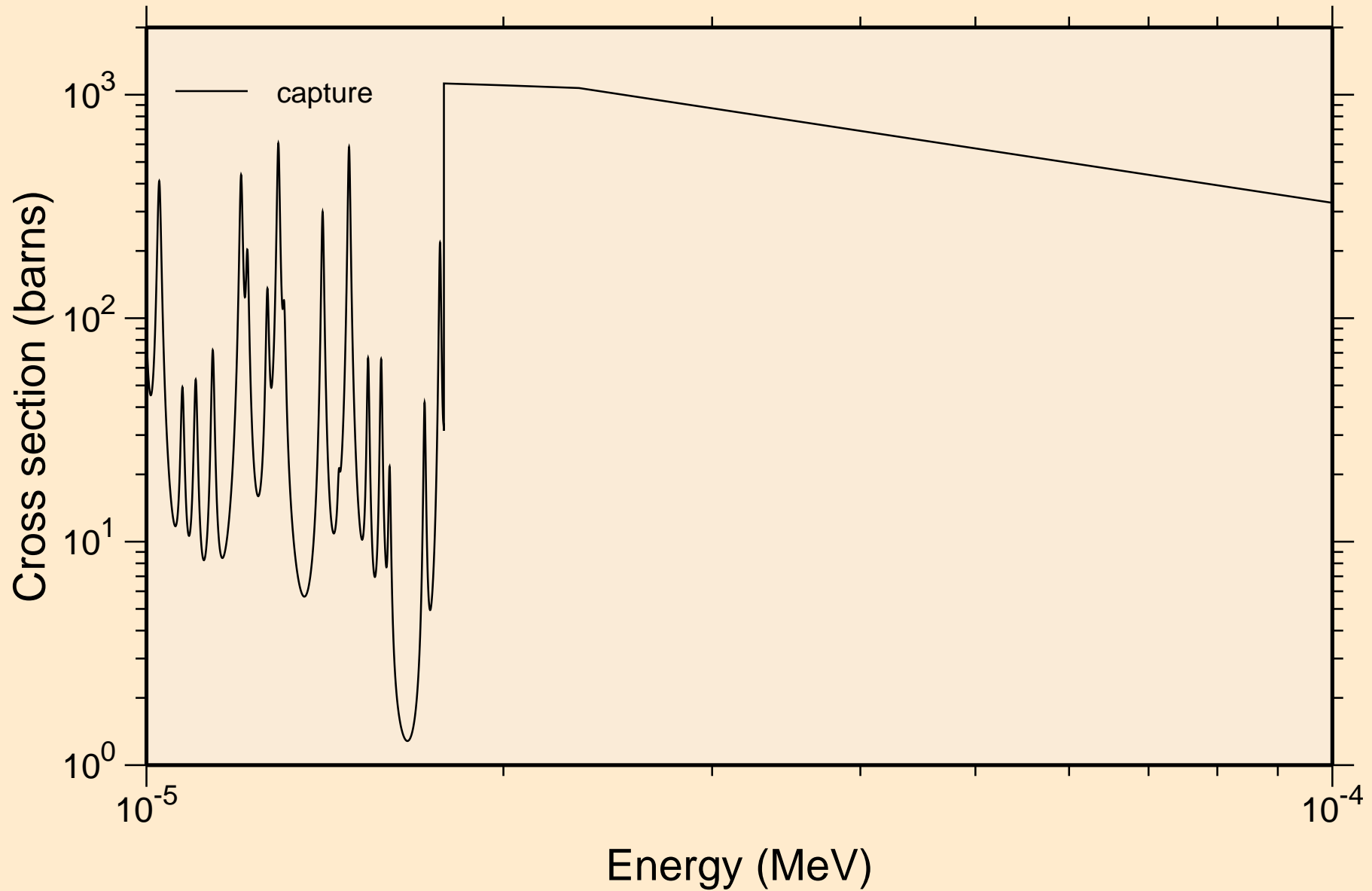
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

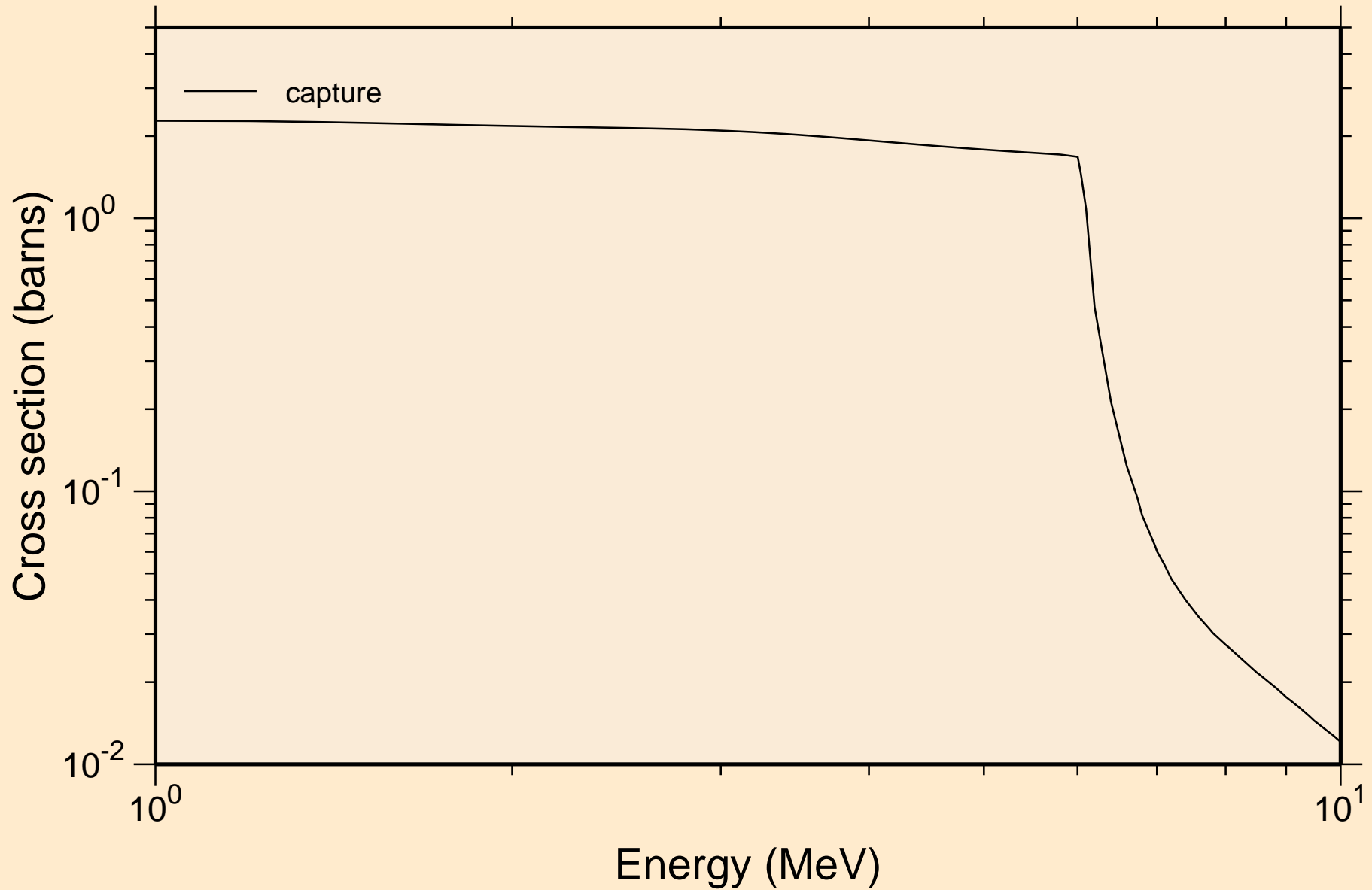


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resonance absorption cross sections

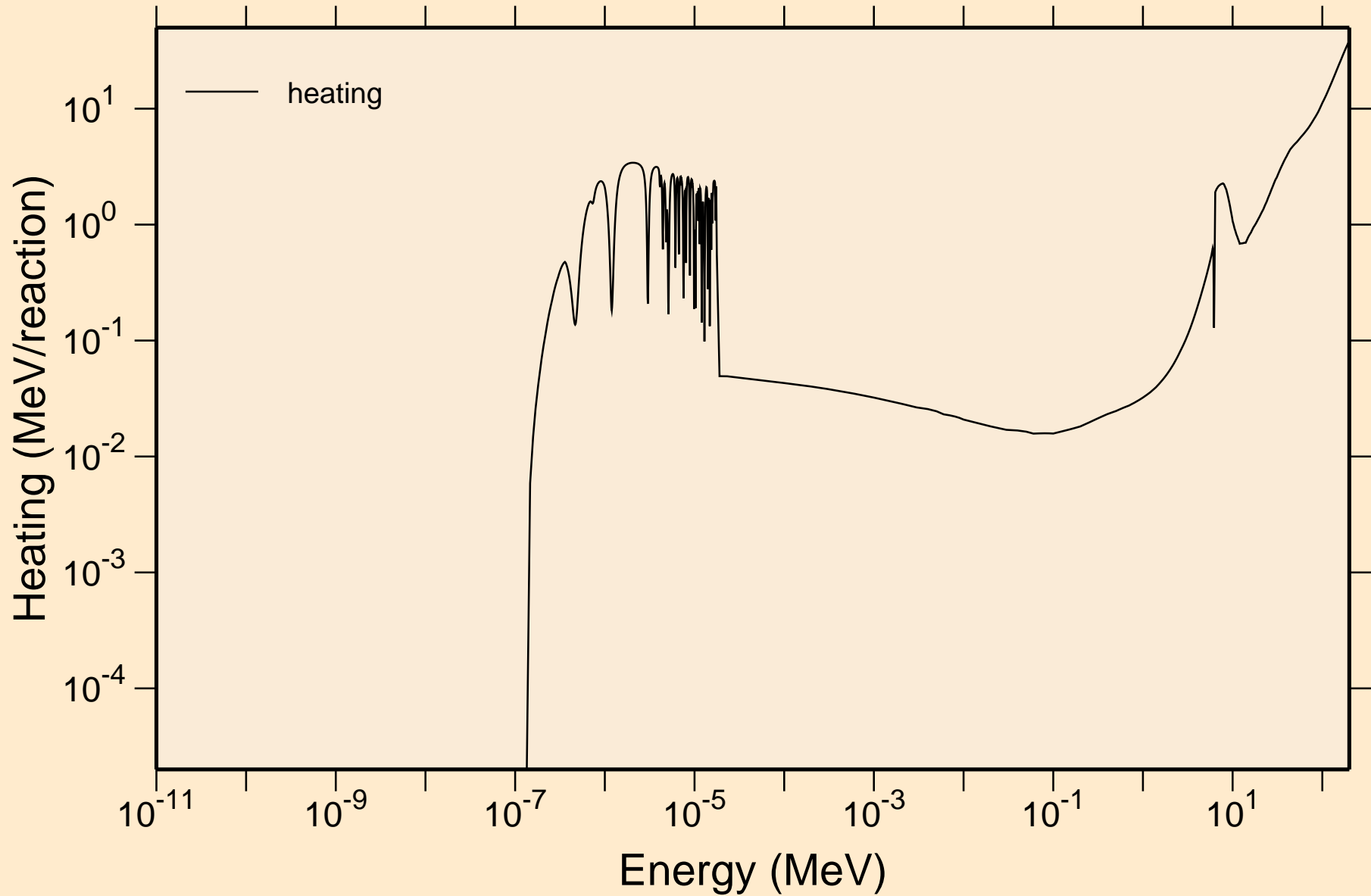




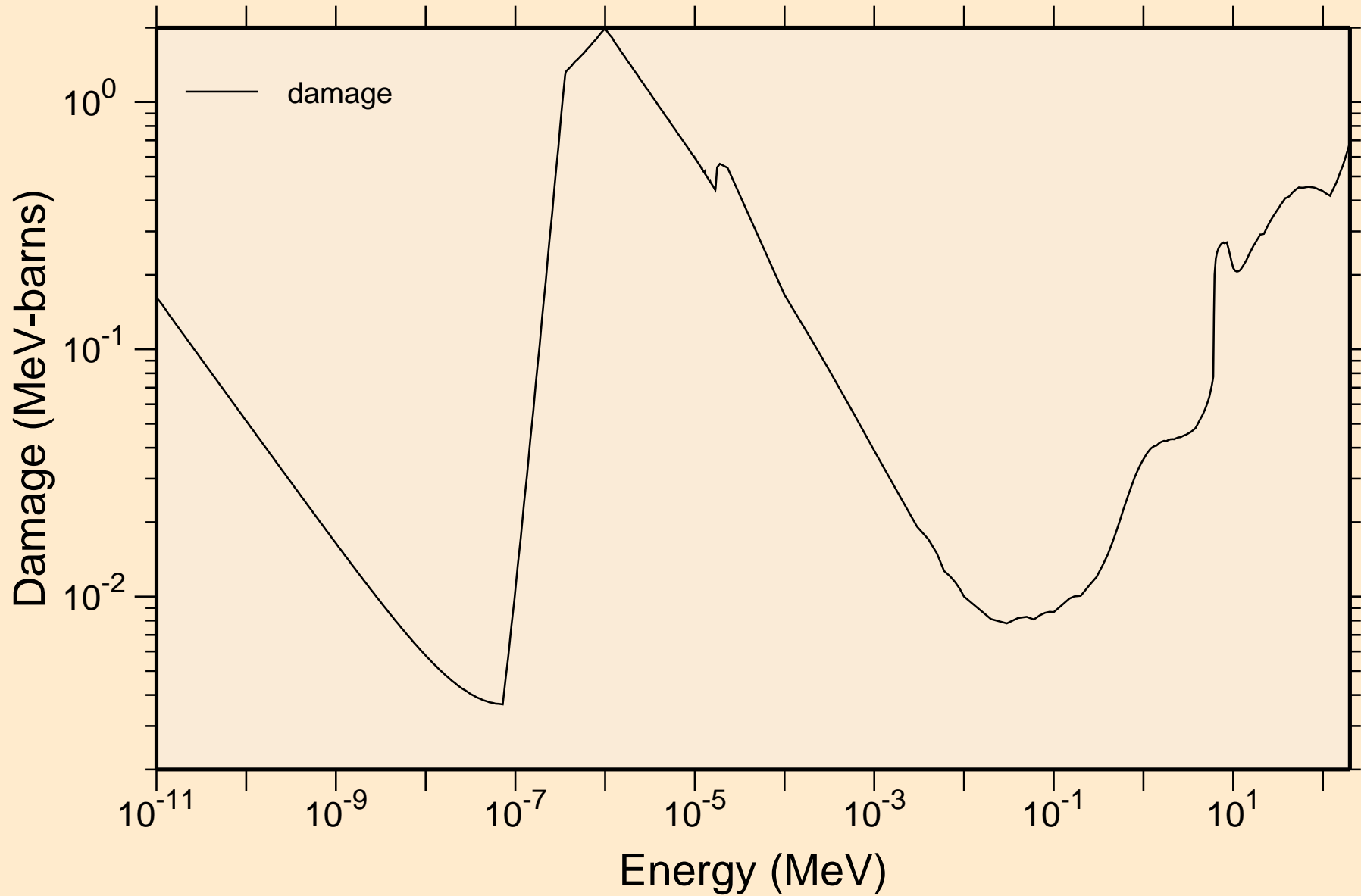
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resonance absorption cross sections



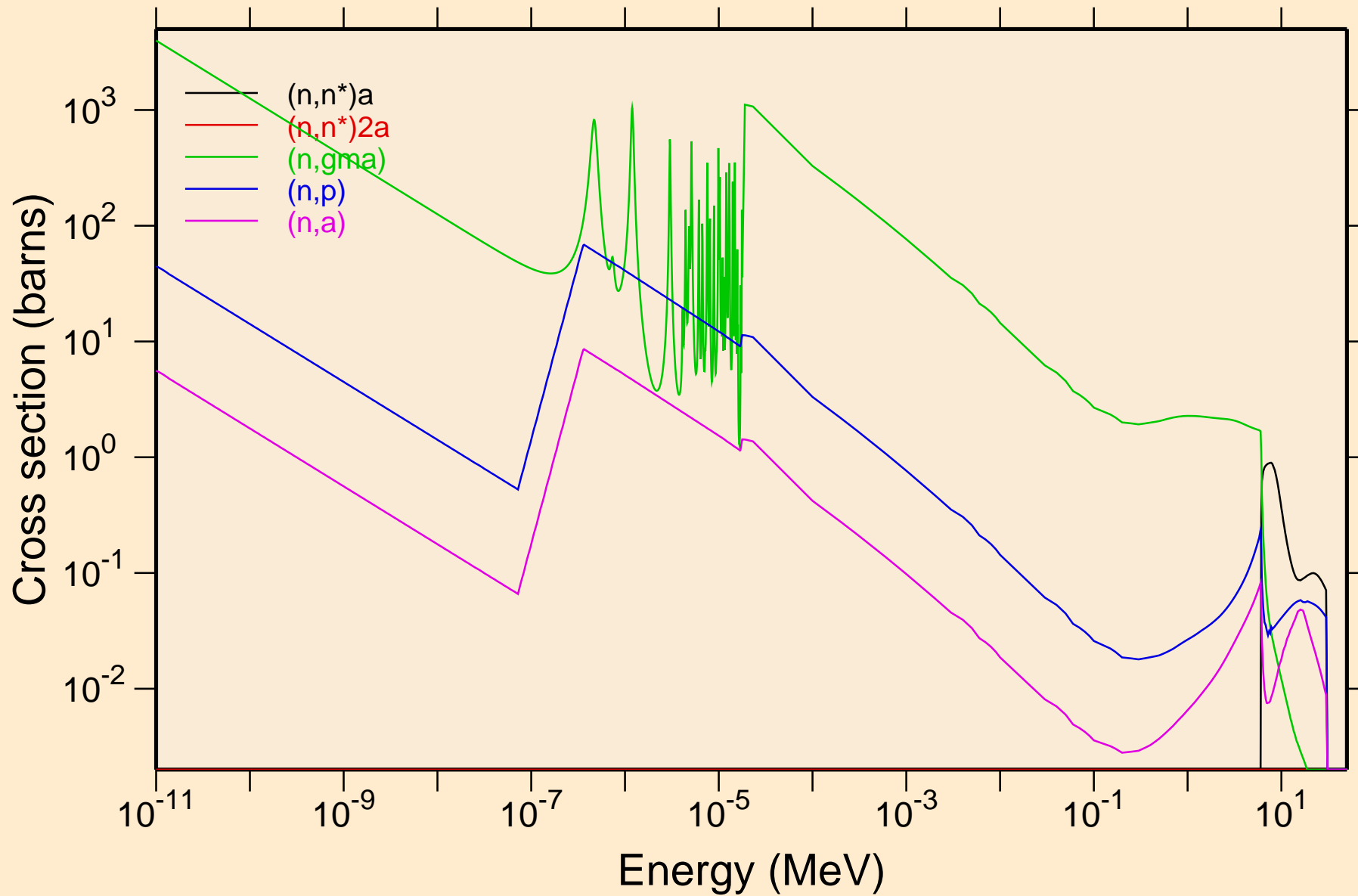
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Heating



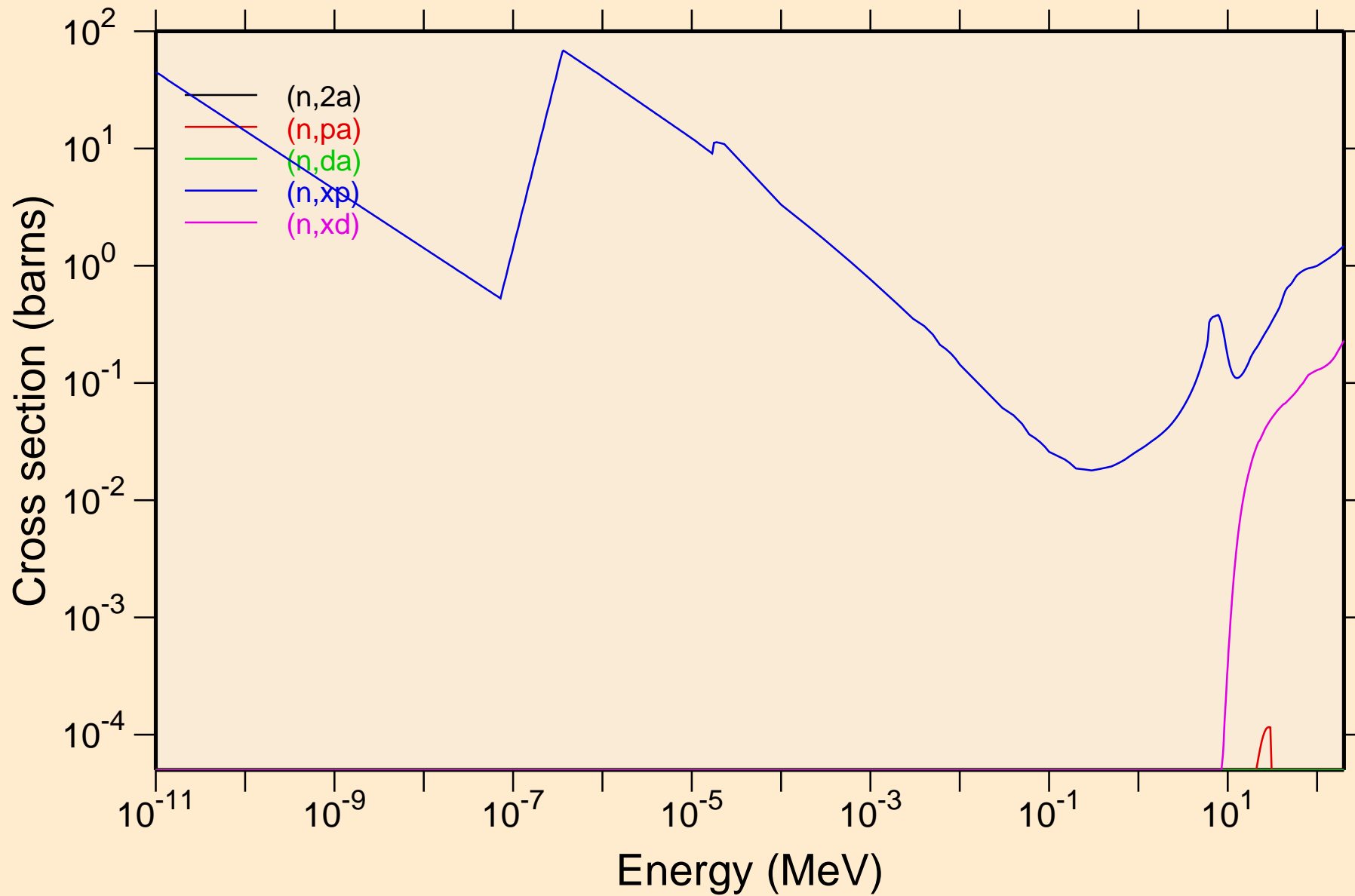
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Damage



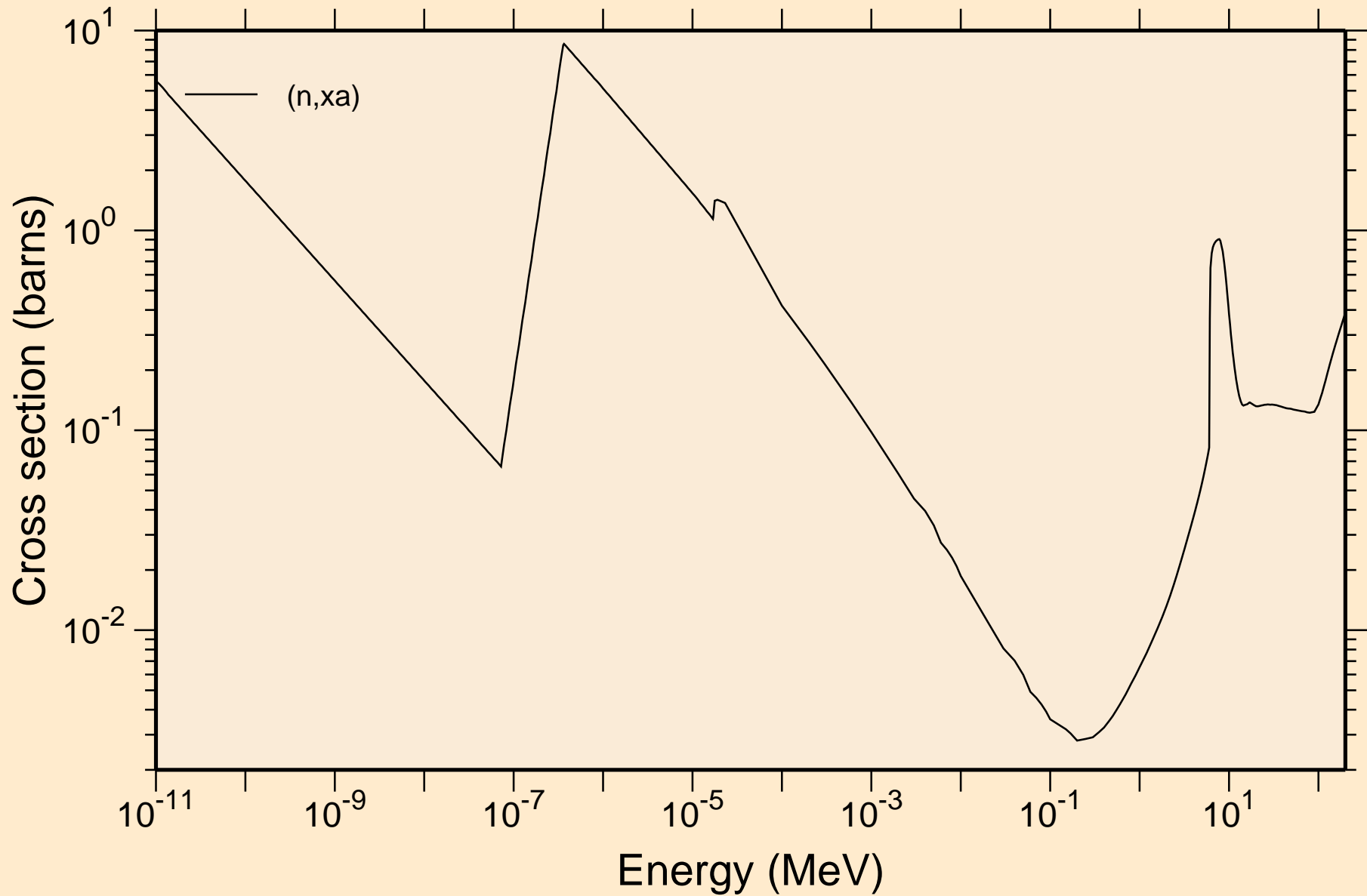
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

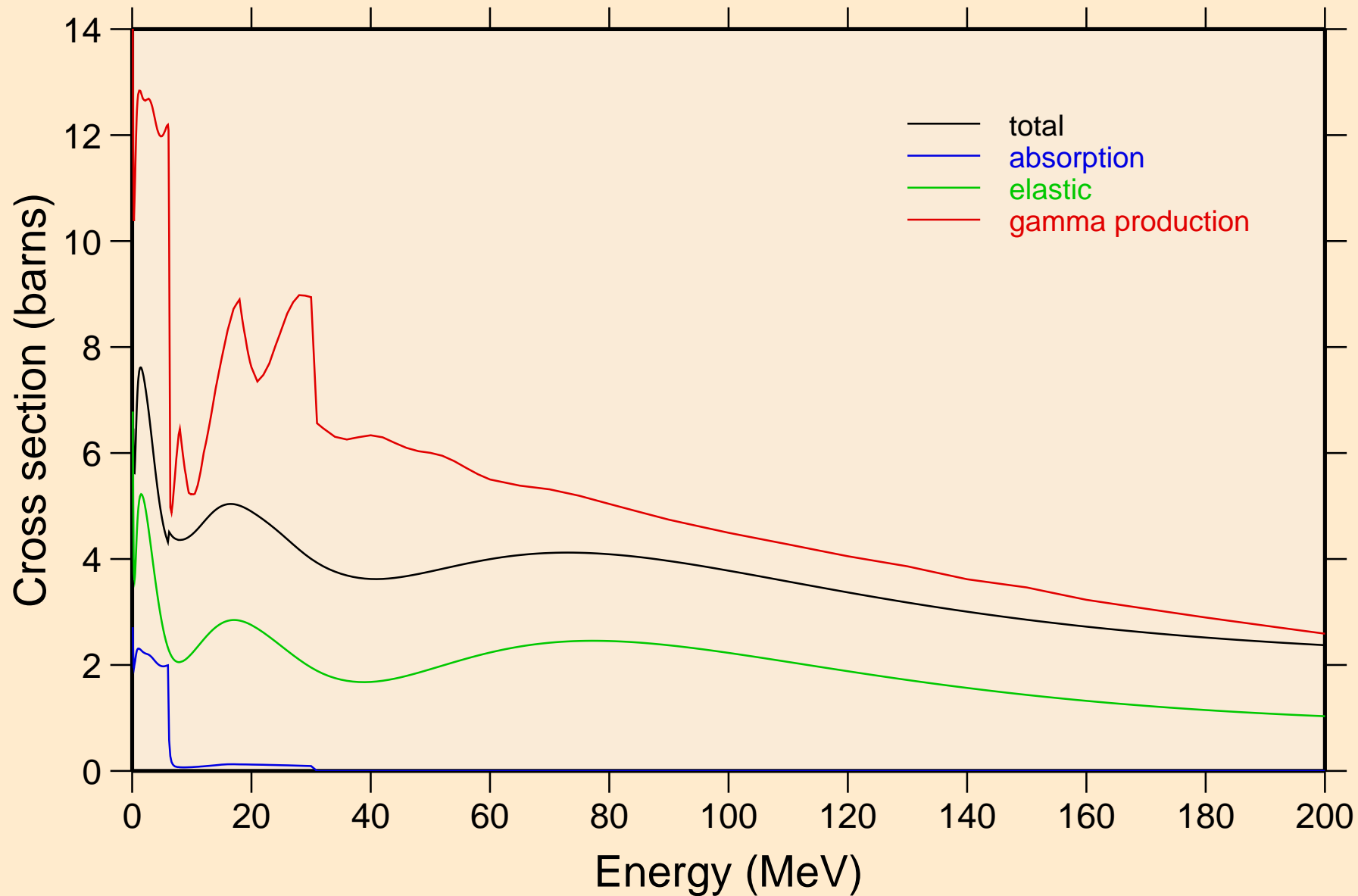


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Non-threshold reactions



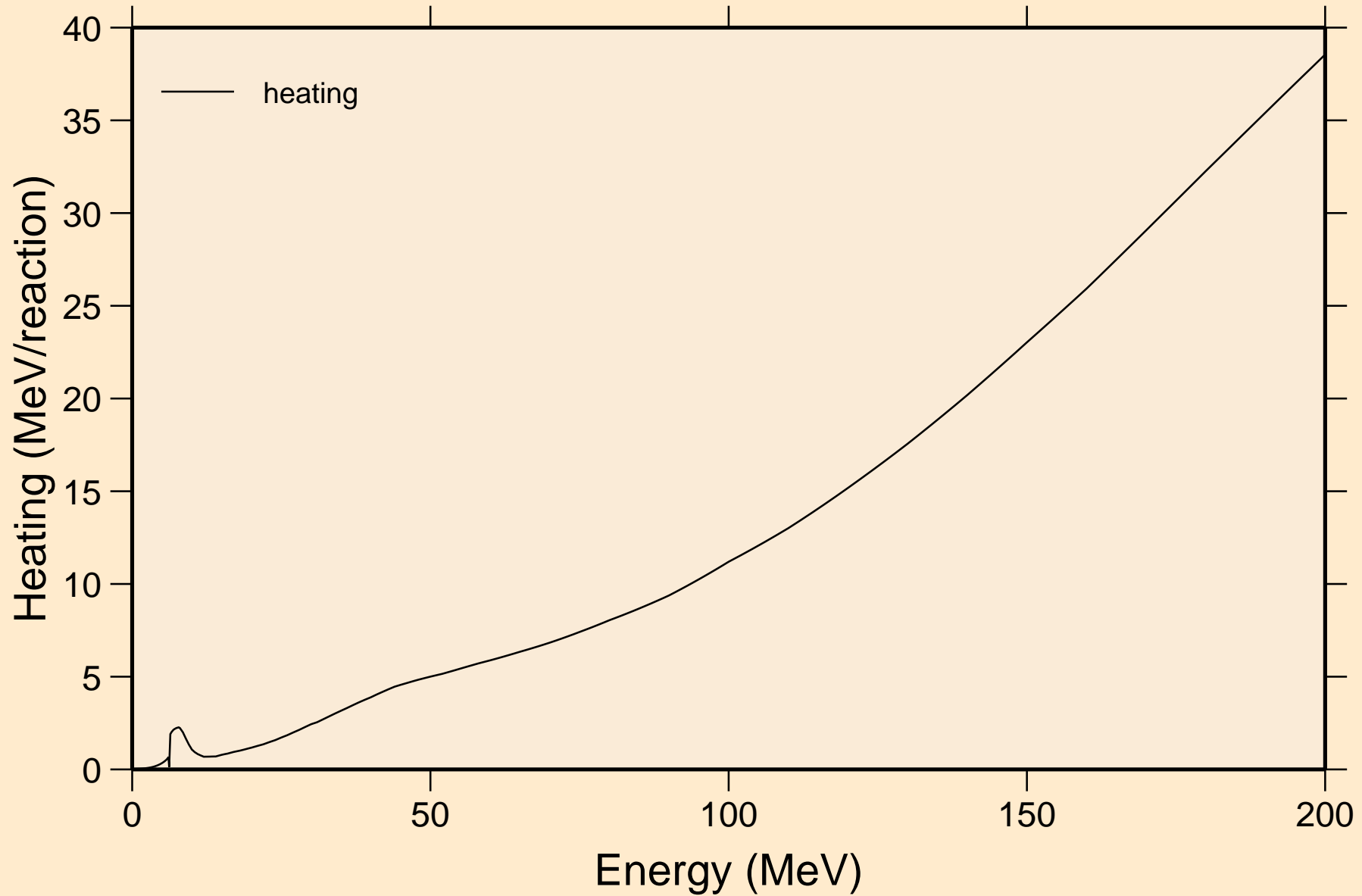
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## Principal cross sections



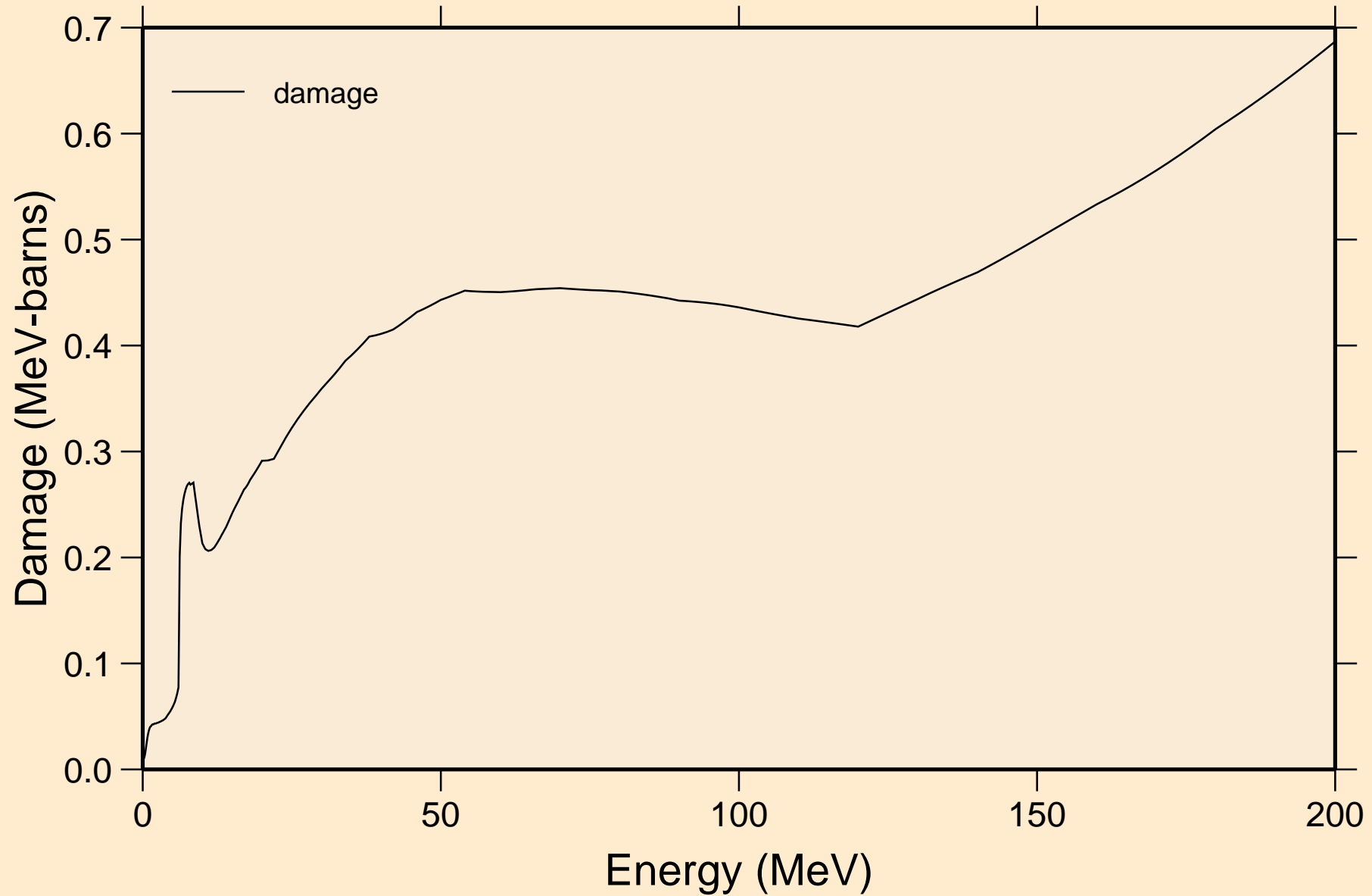
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## Heating

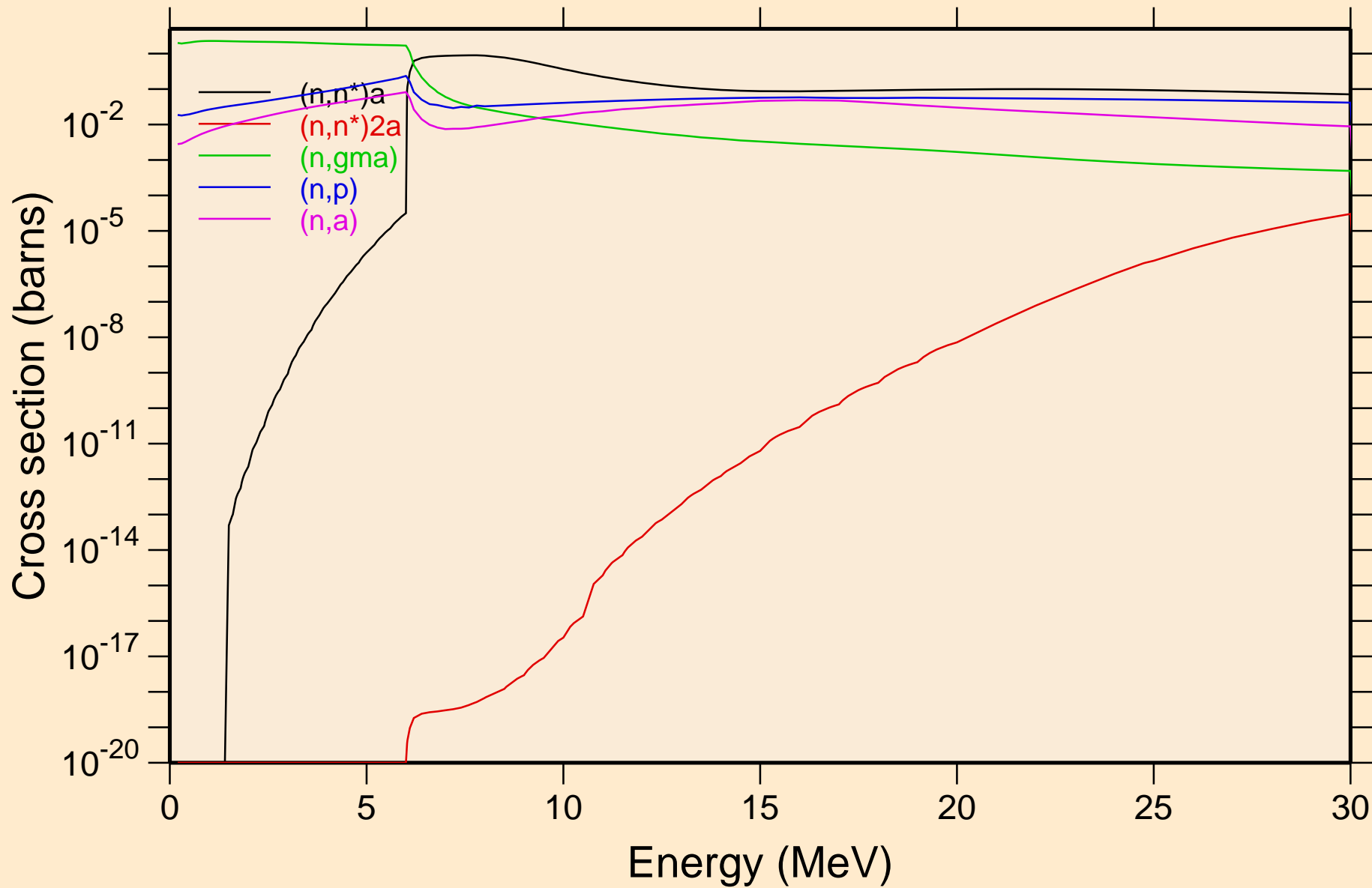




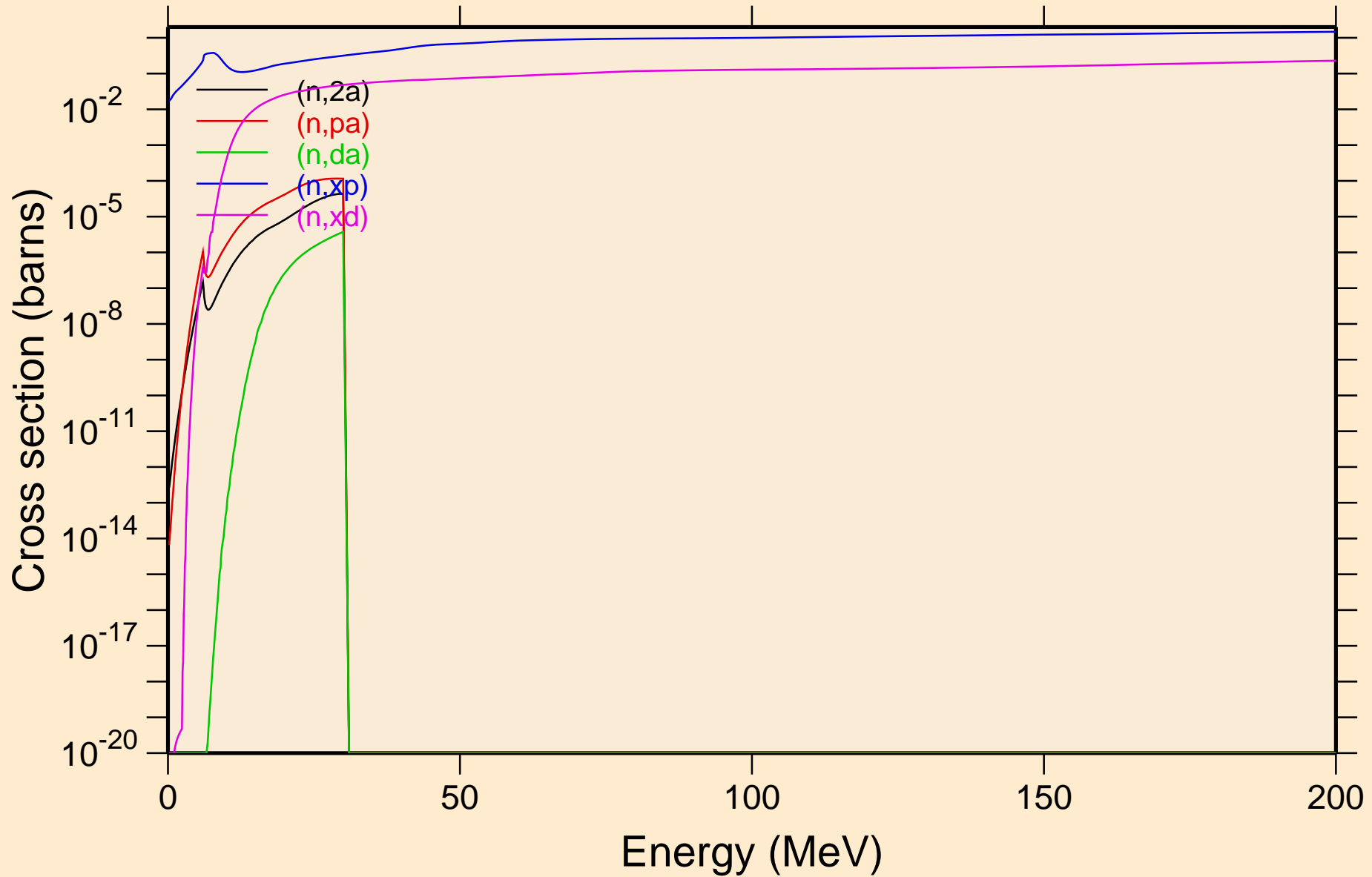
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Damage



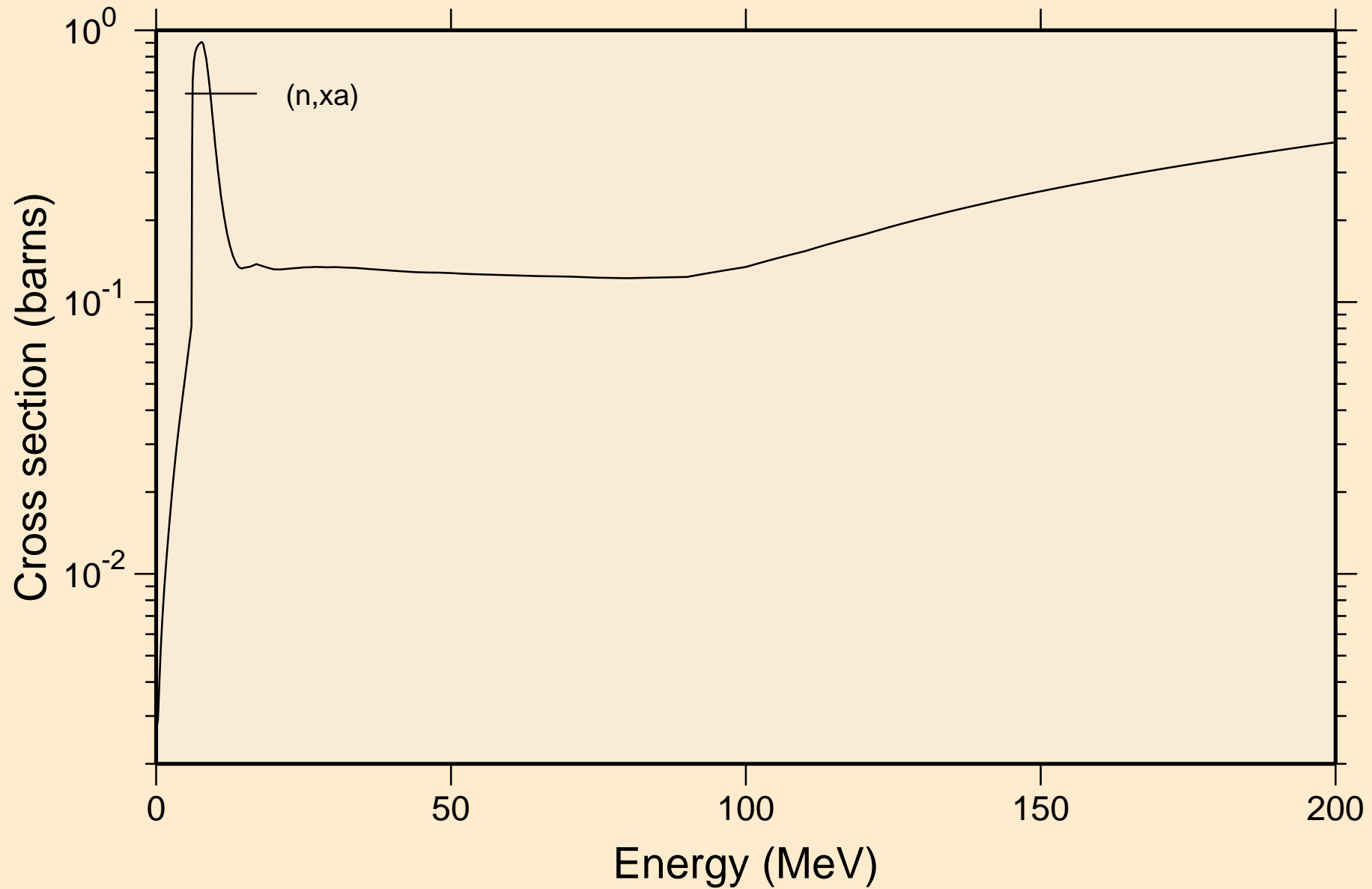
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Non-threshold reactions



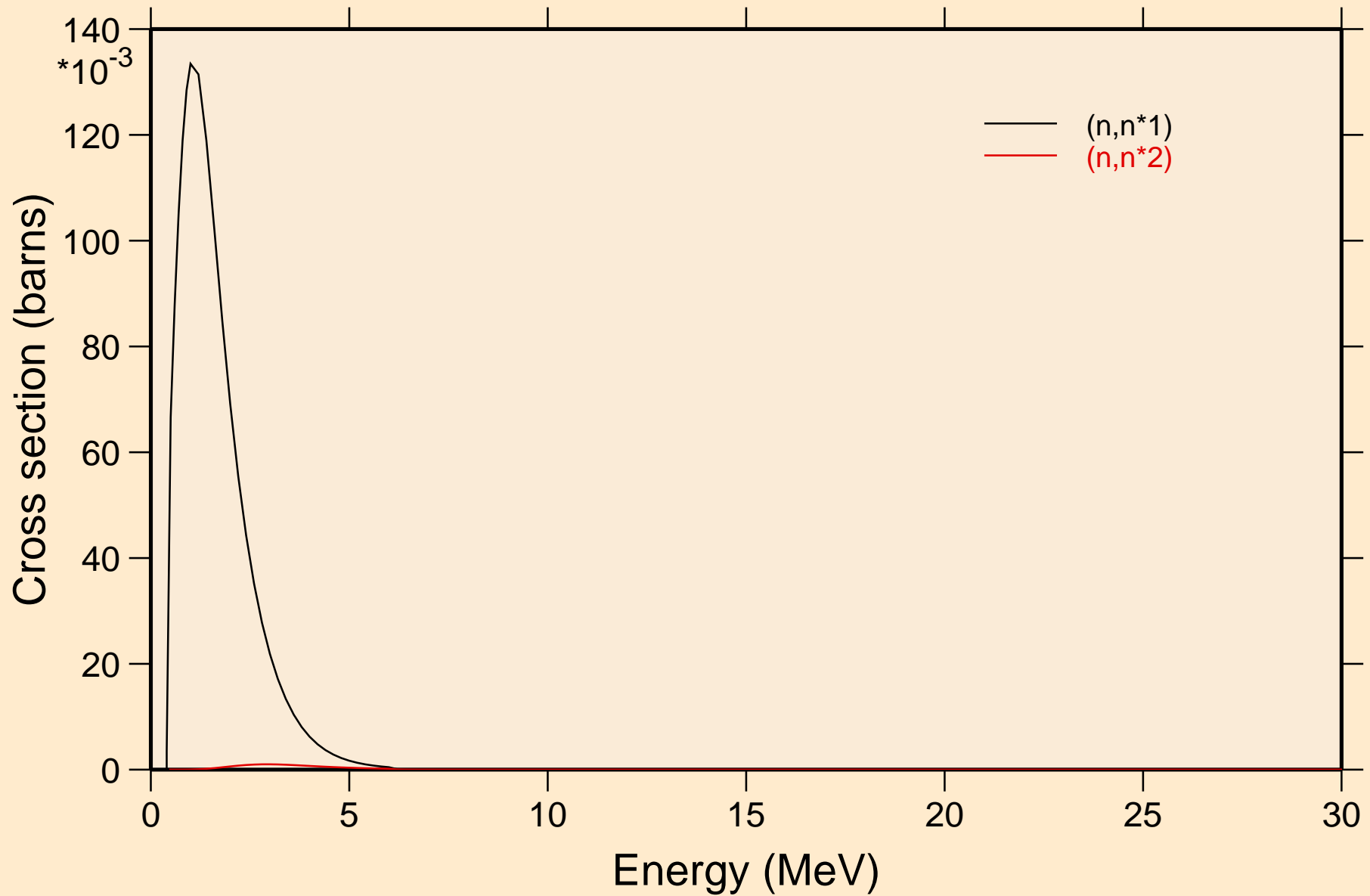
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Non-threshold reactions



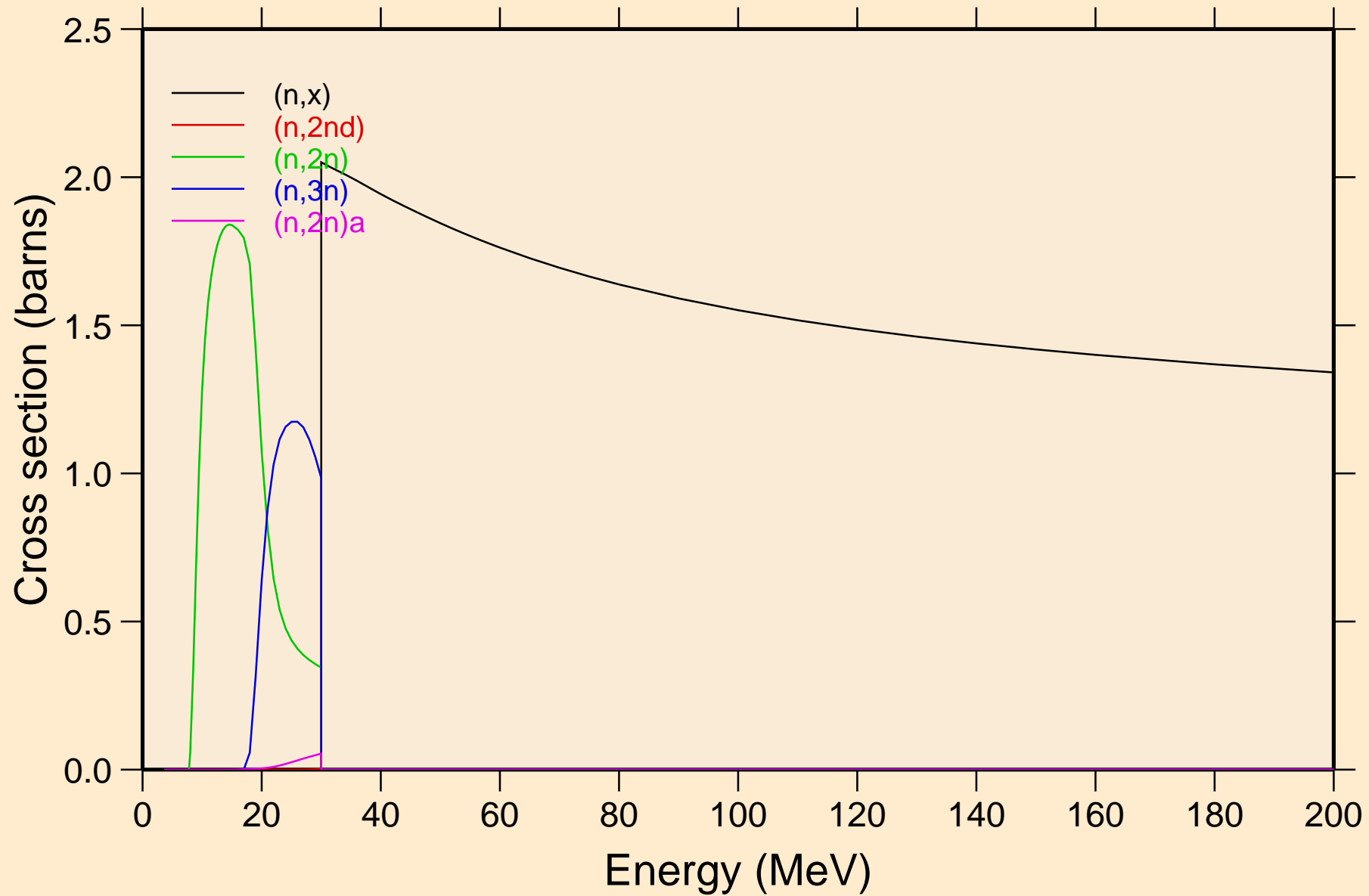
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

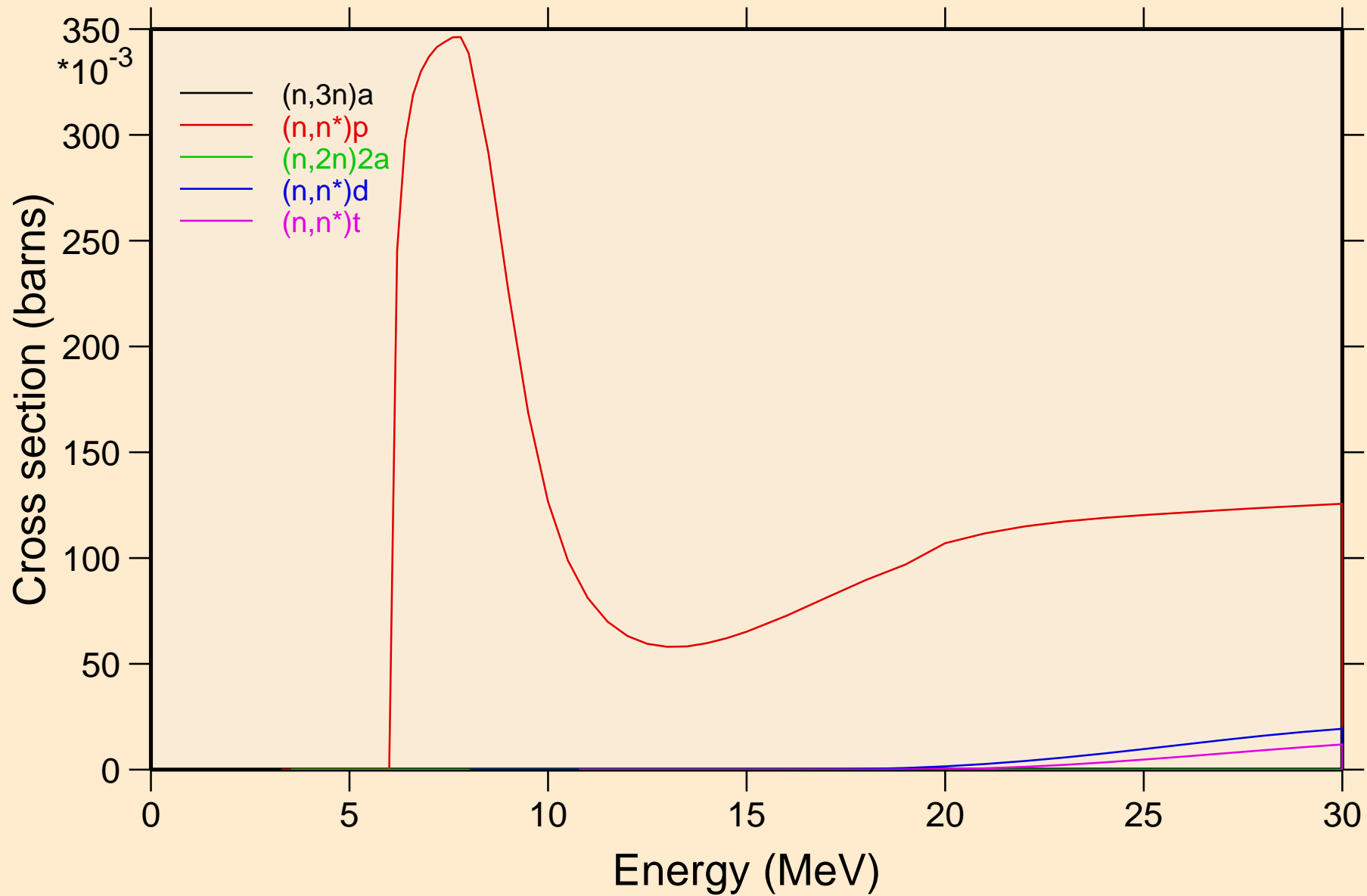


TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



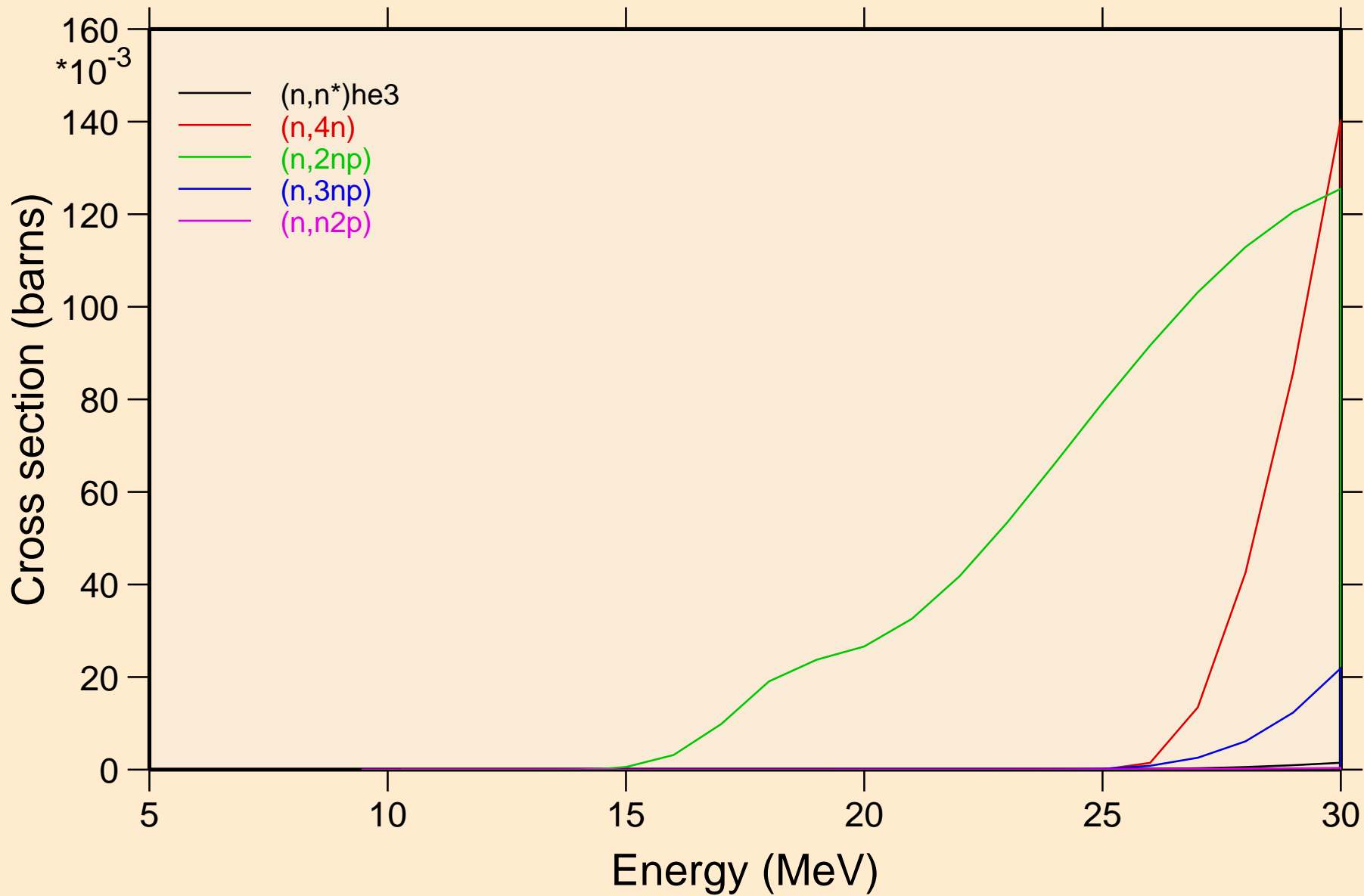
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## Threshold reactions



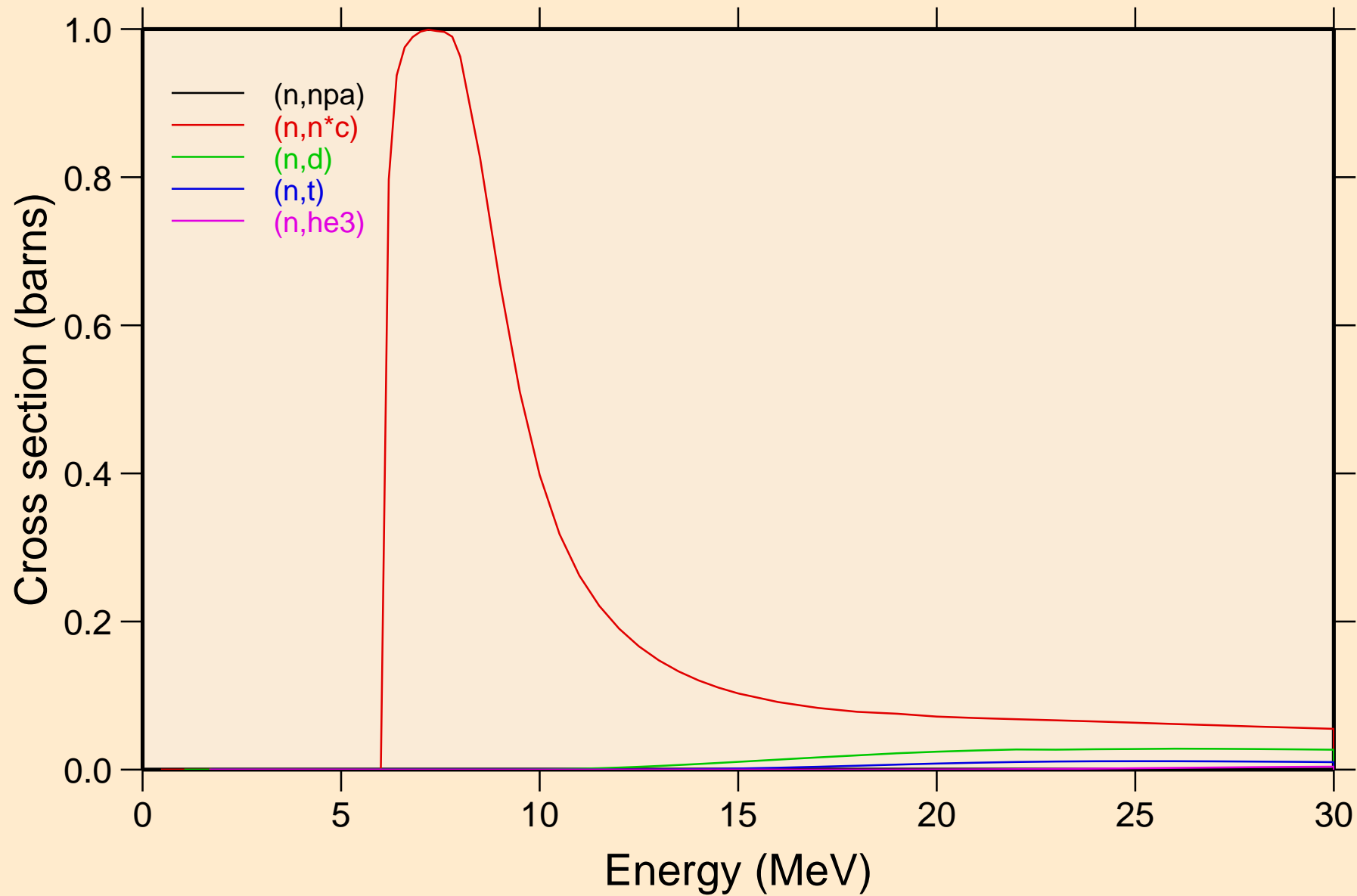
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## Threshold reactions

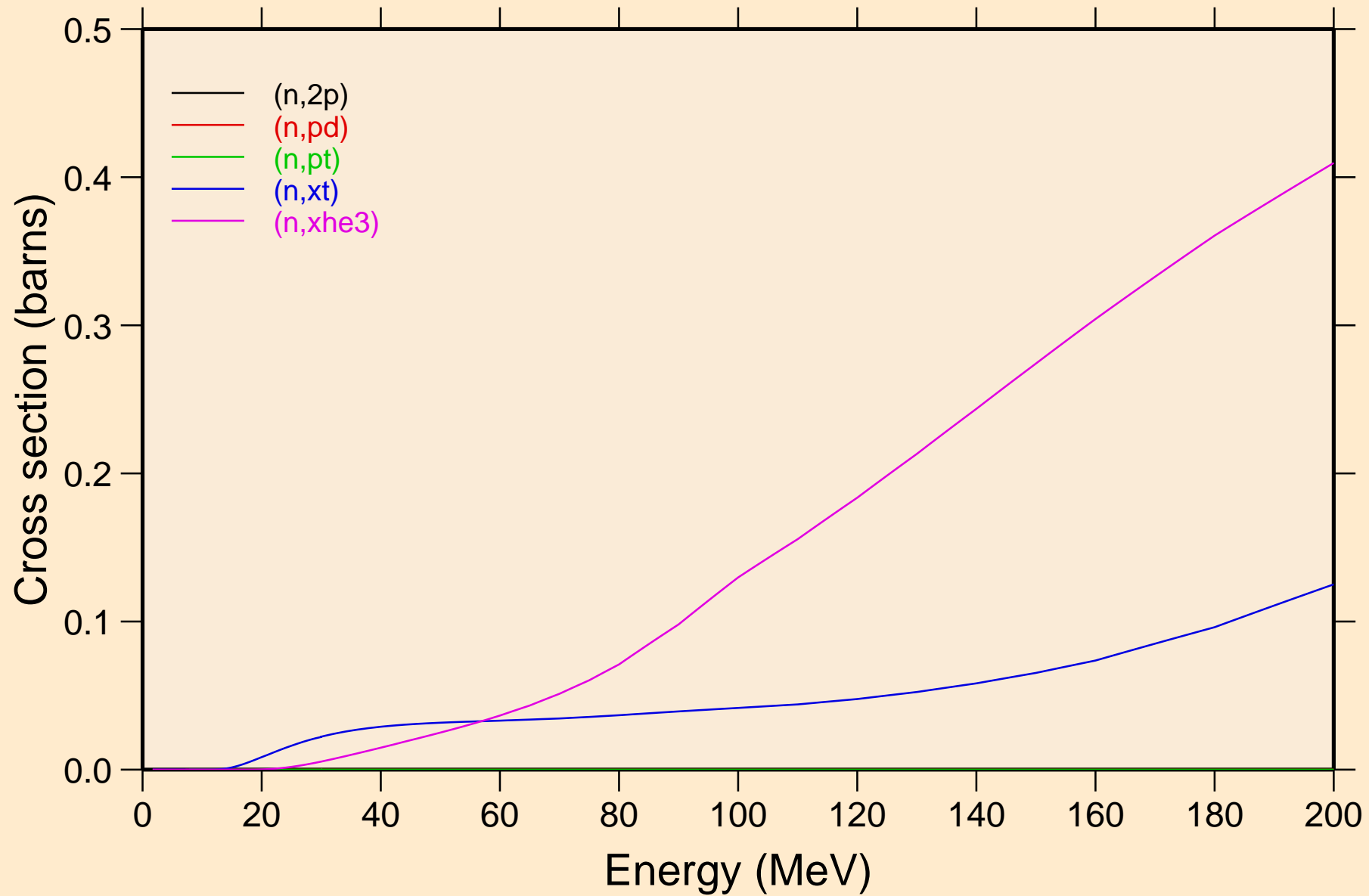




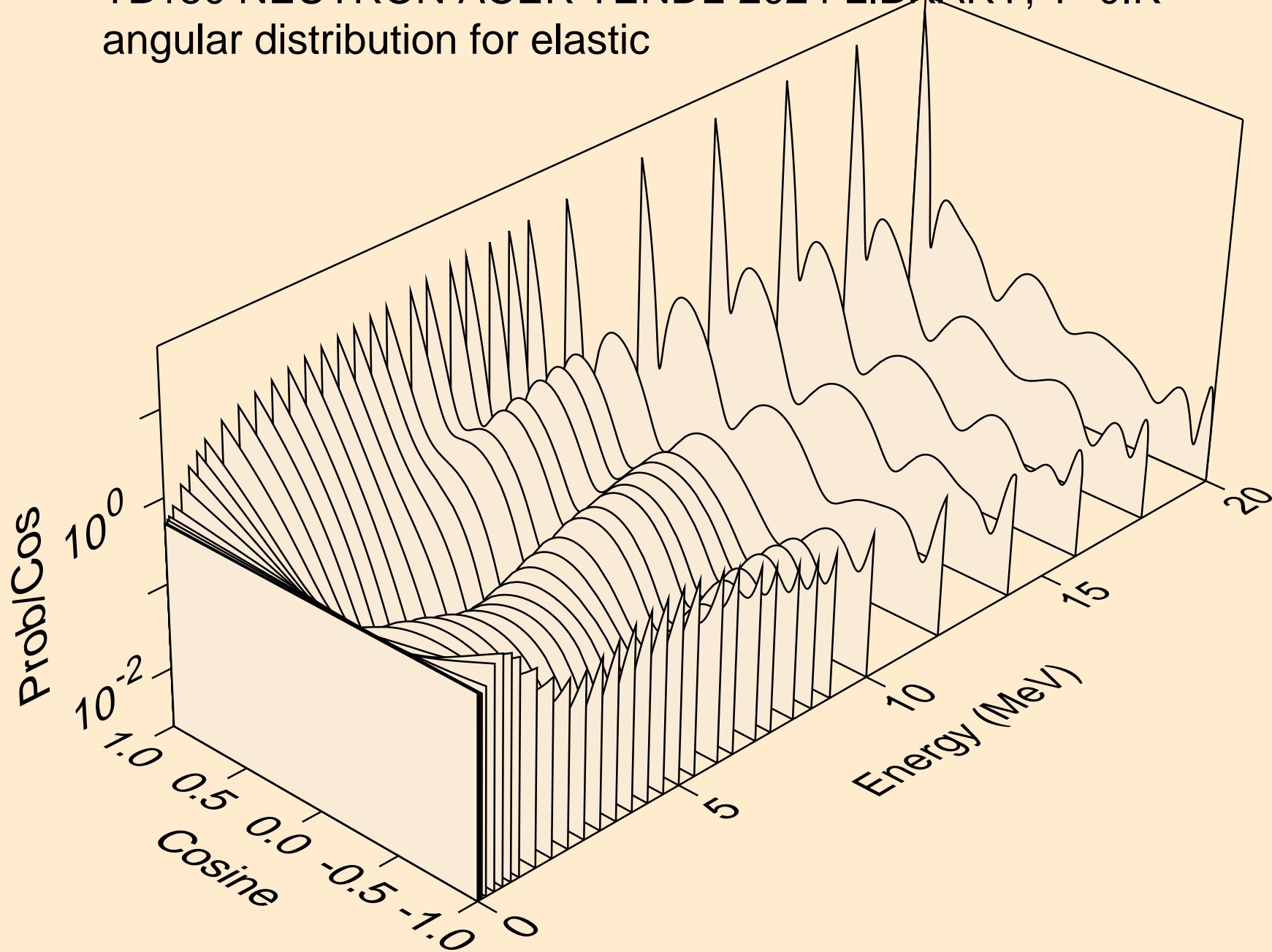
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Threshold reactions



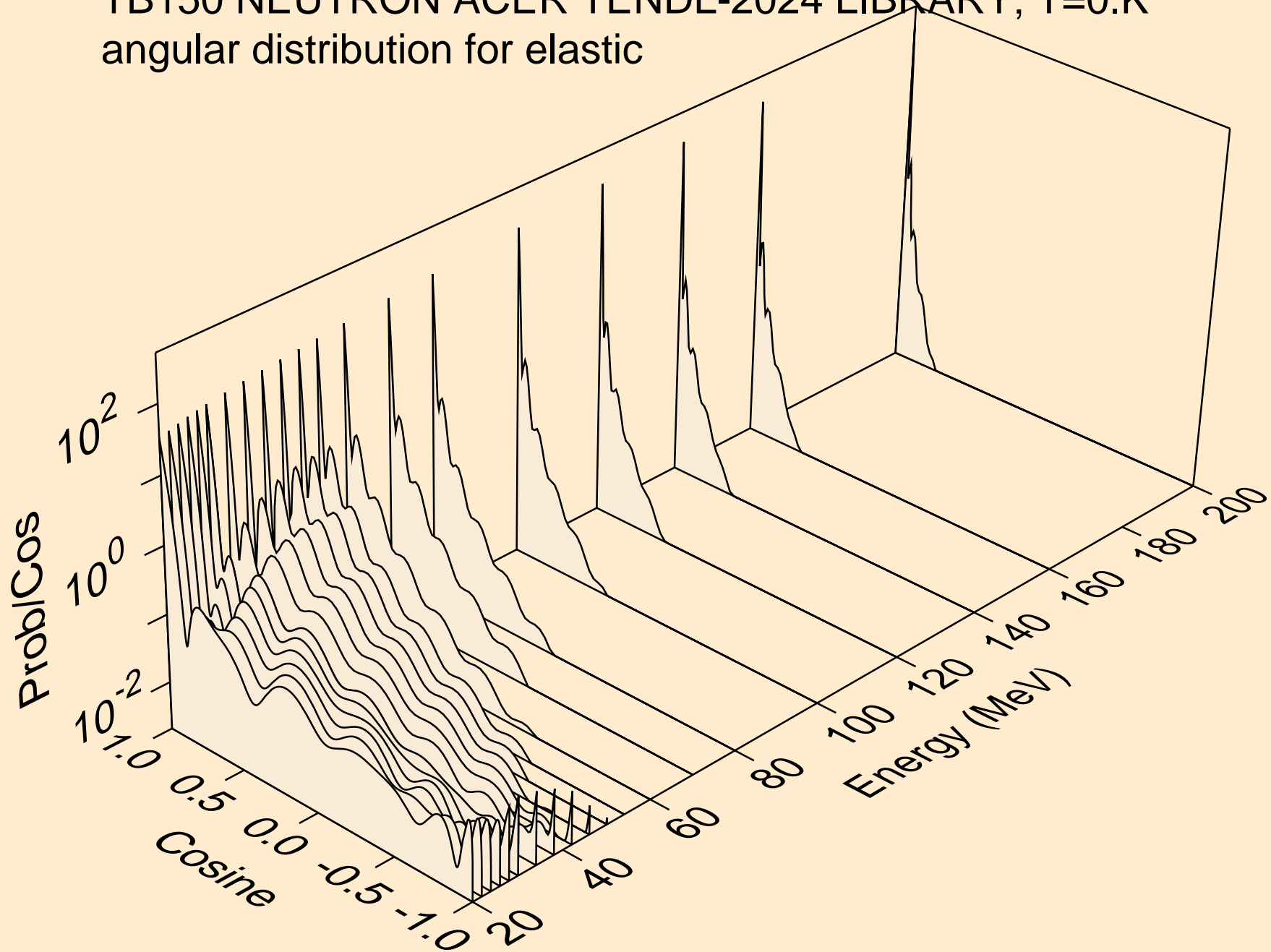
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



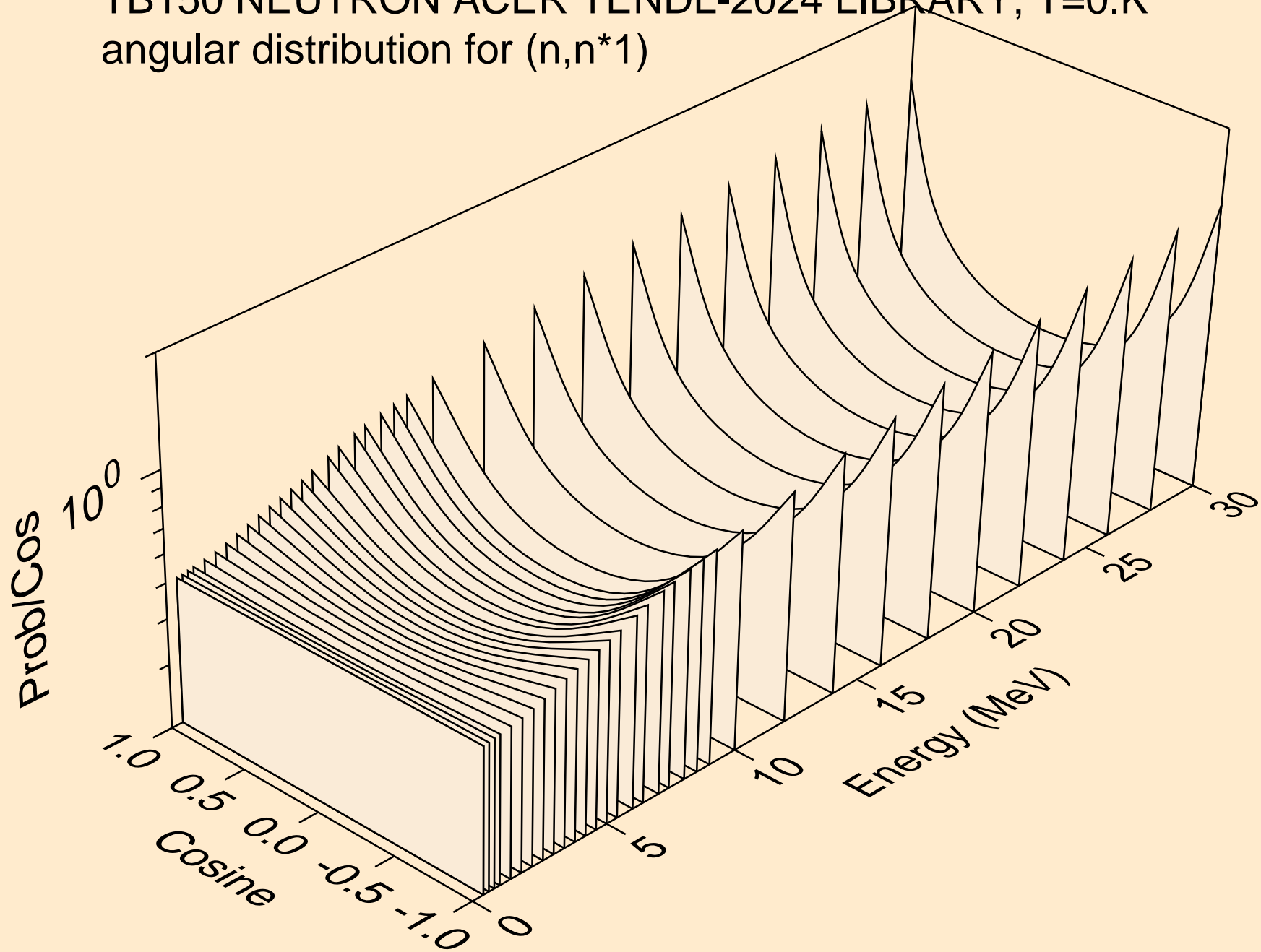
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angular distribution for elastic



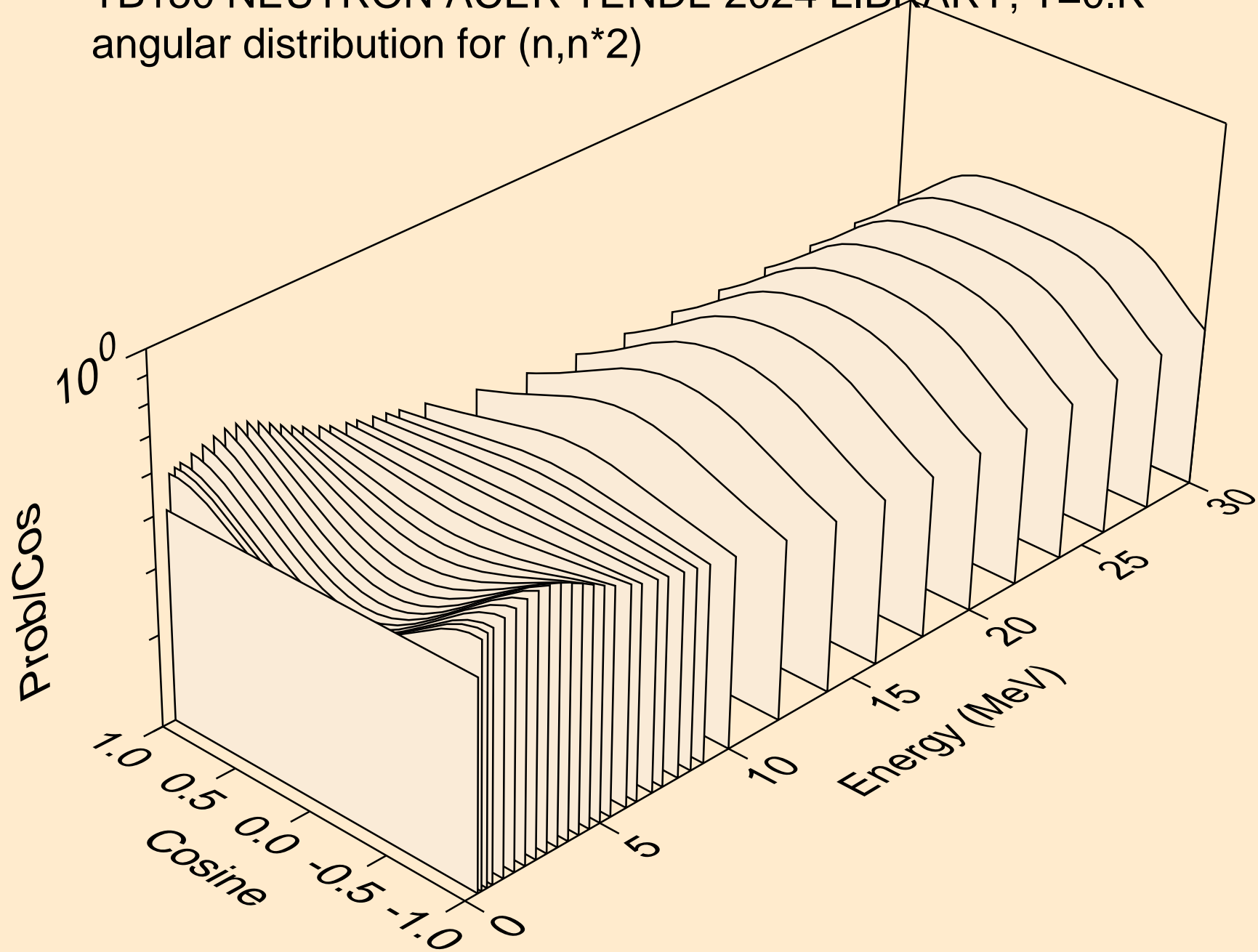
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angular distribution for elastic



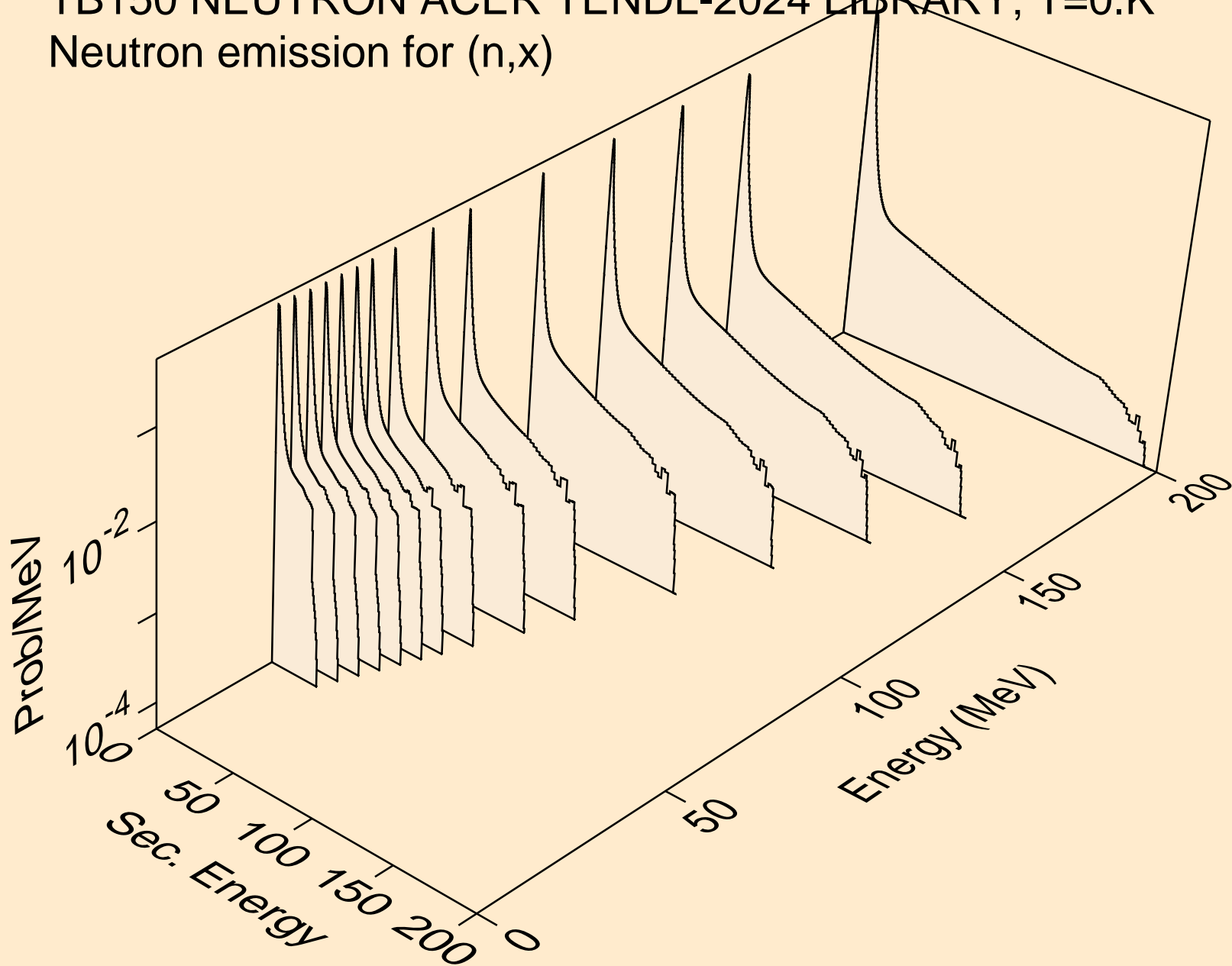
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angular distribution for (n,n\*1)



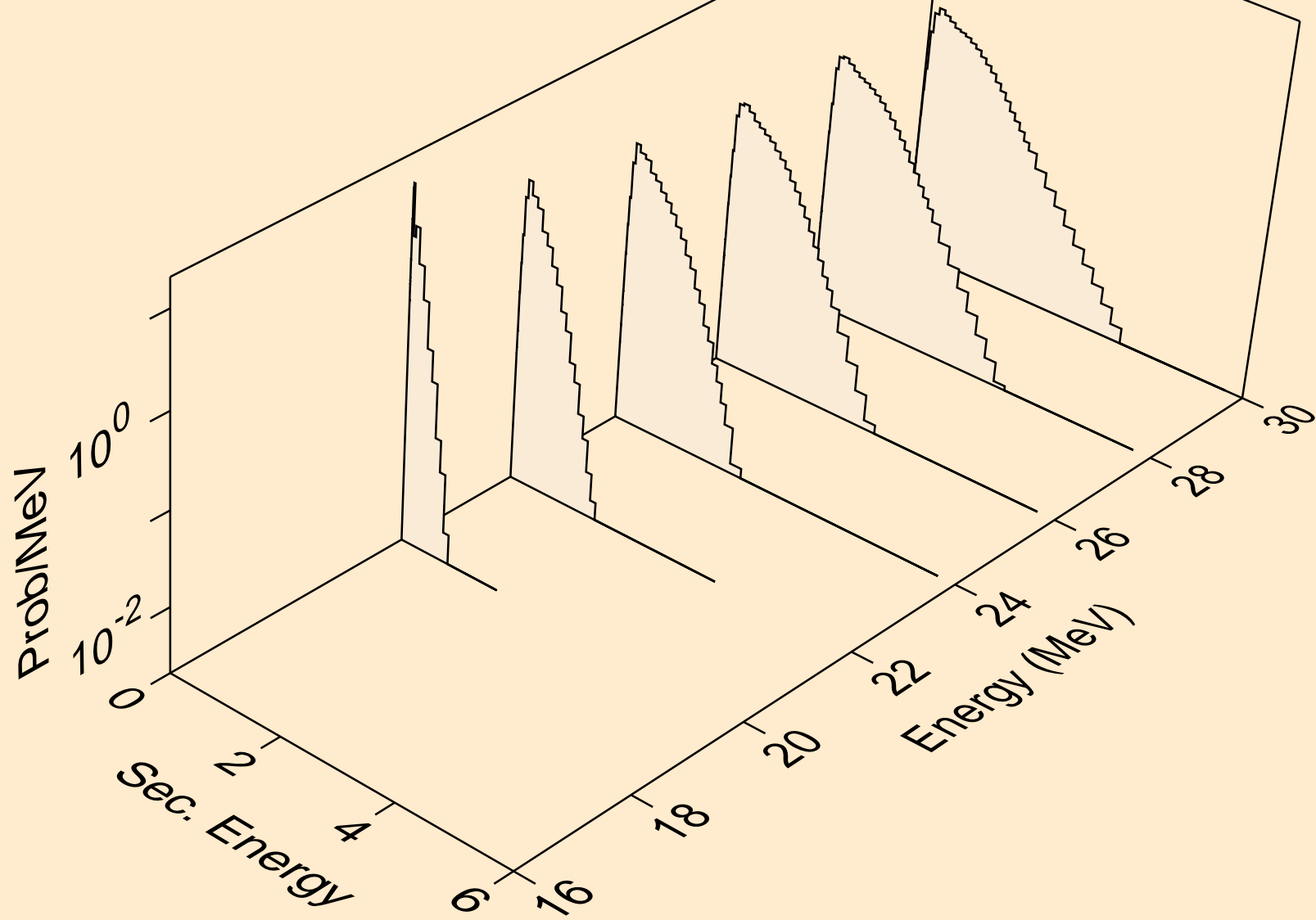
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

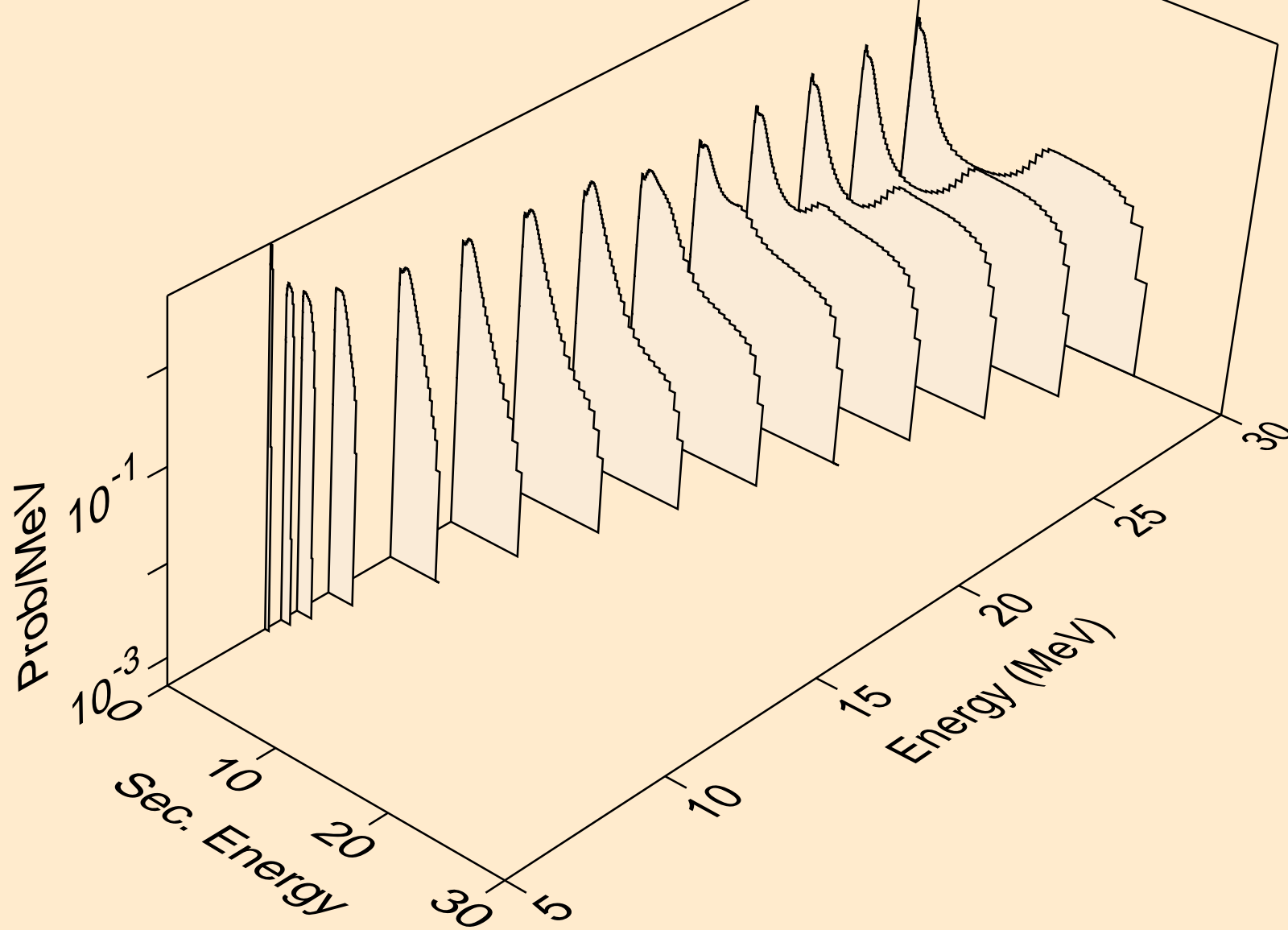


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Neutron emission for (n,2nd)

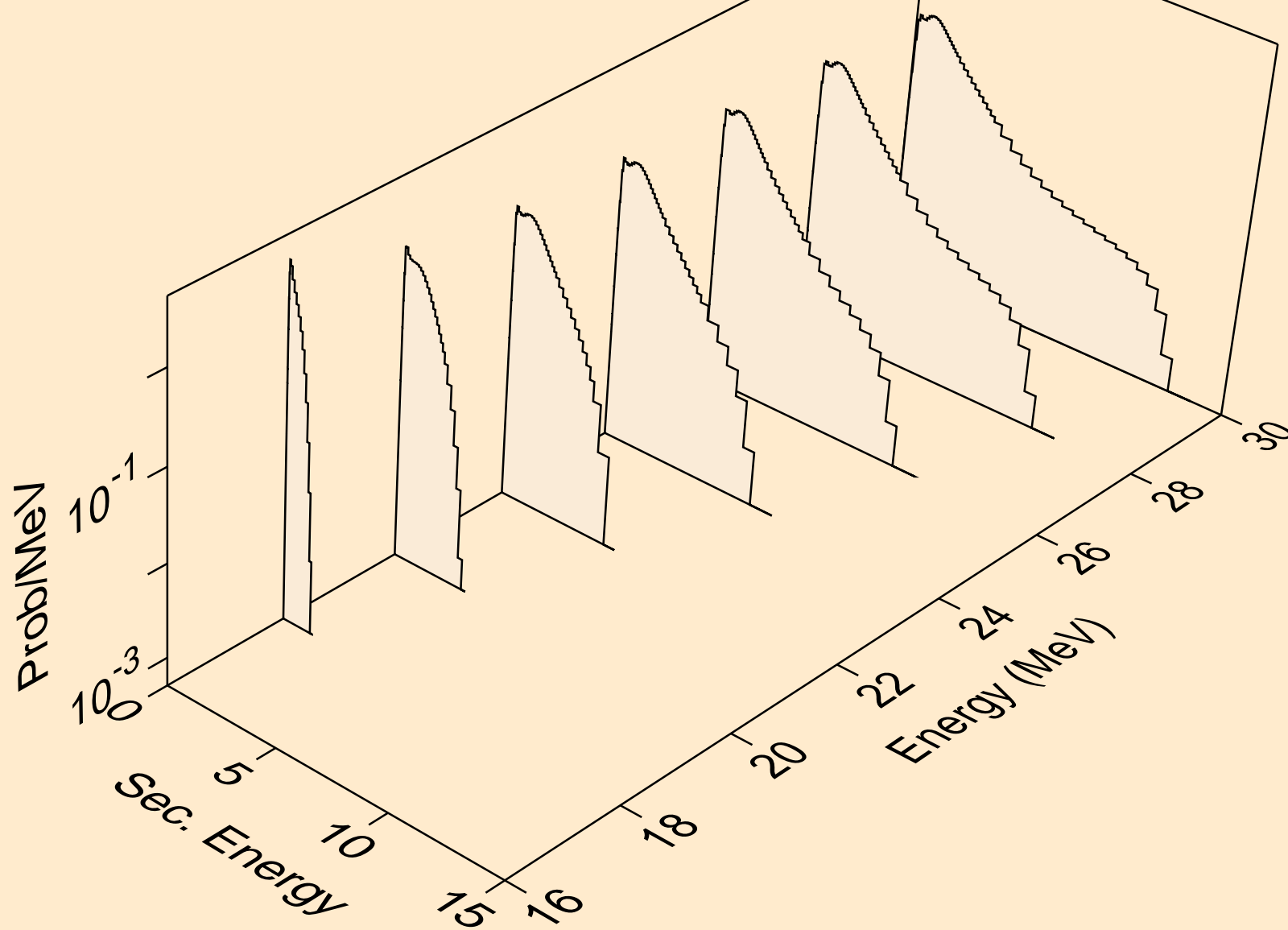




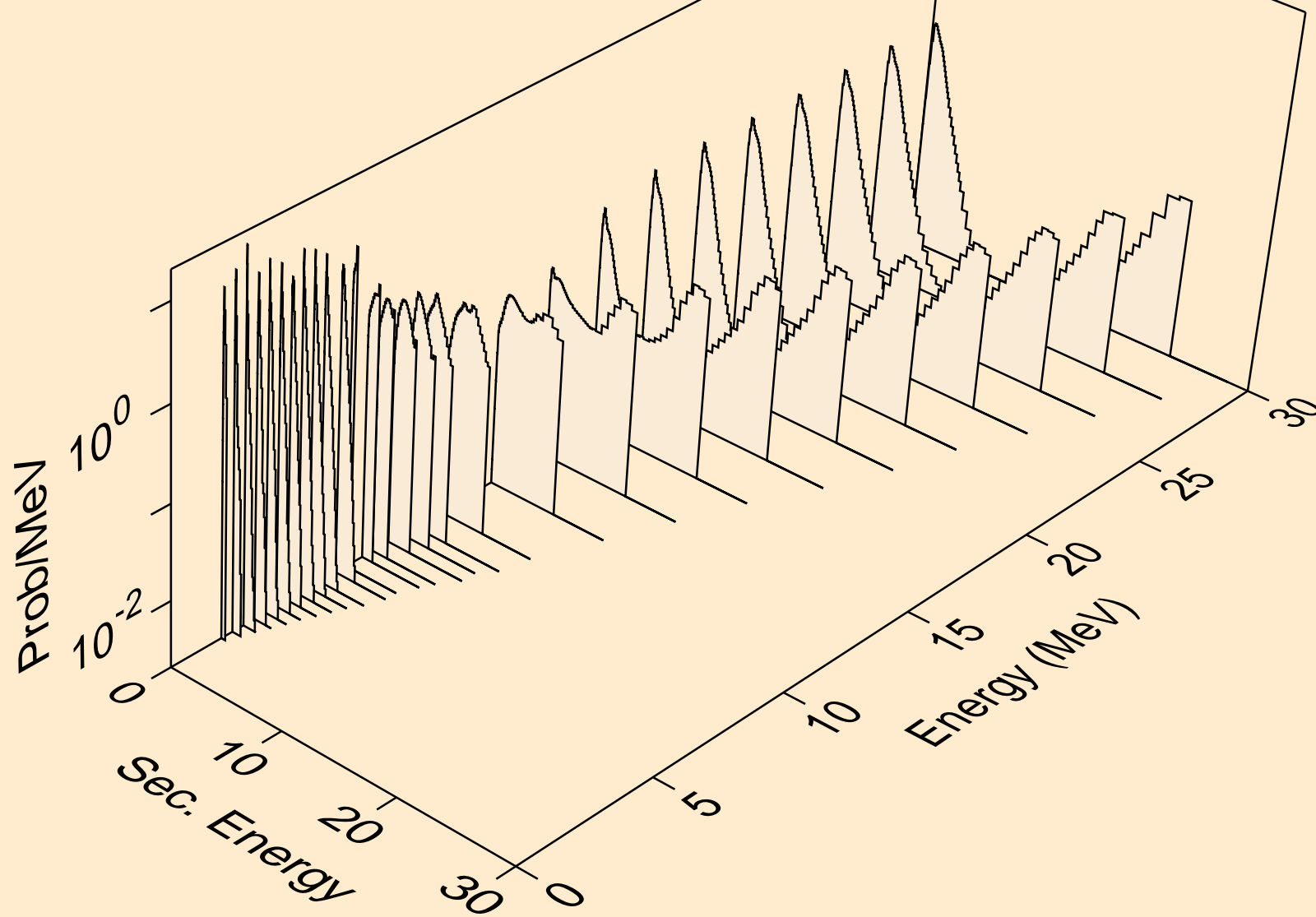
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Neutron emission for (n,2n)



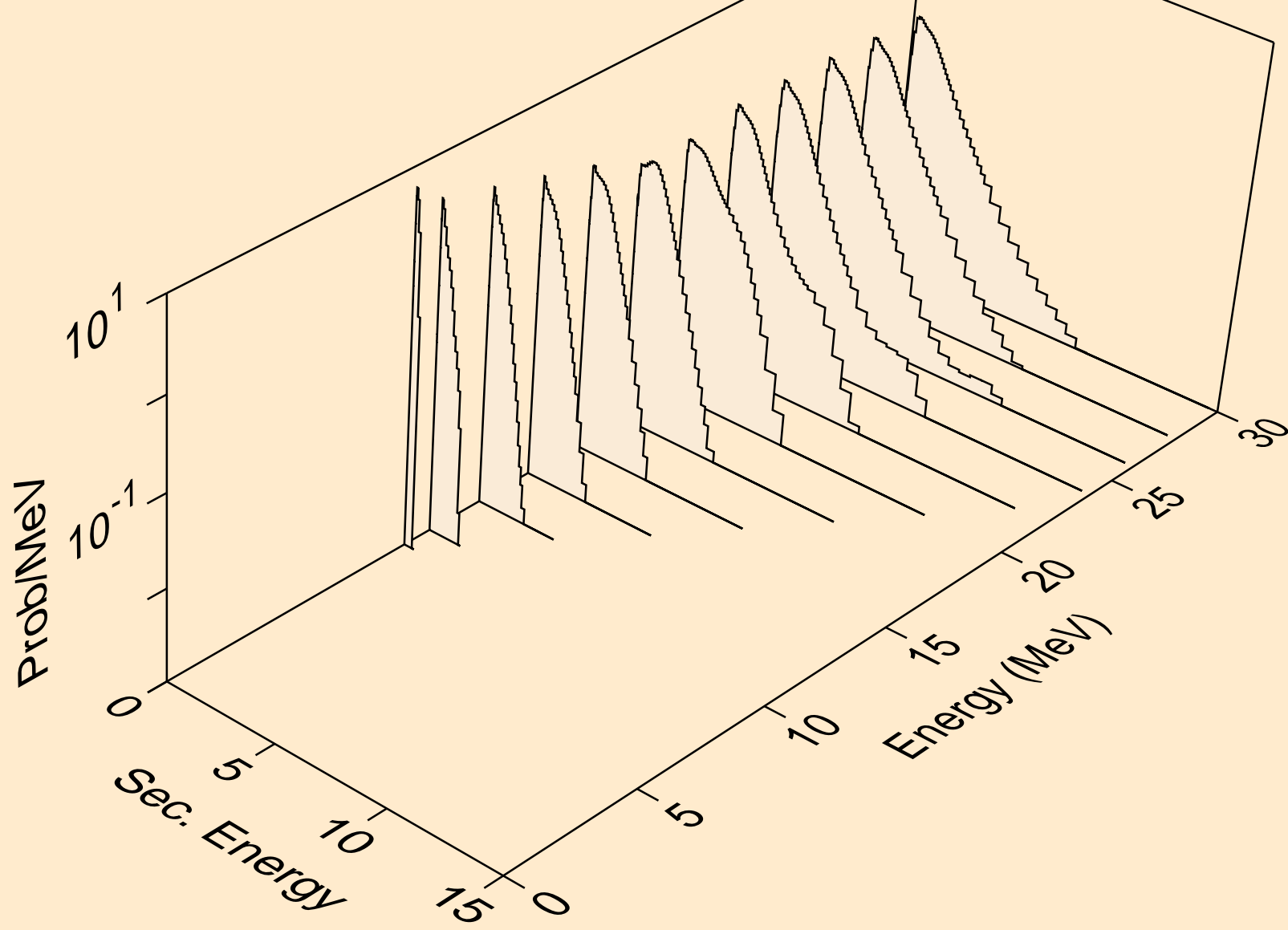
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Neutron emission for (n,3n)



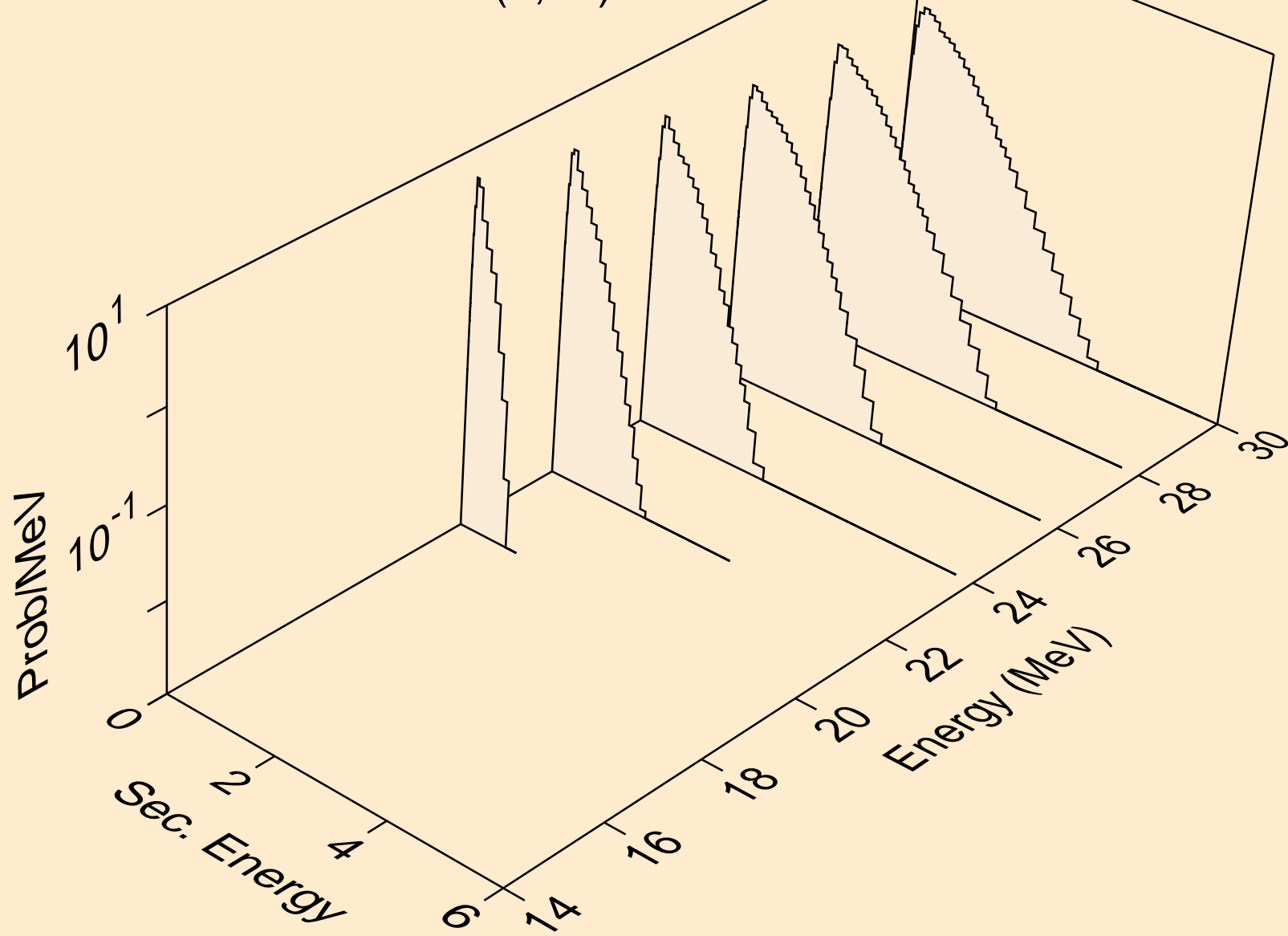
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Neutron emission for (n,n\*)a



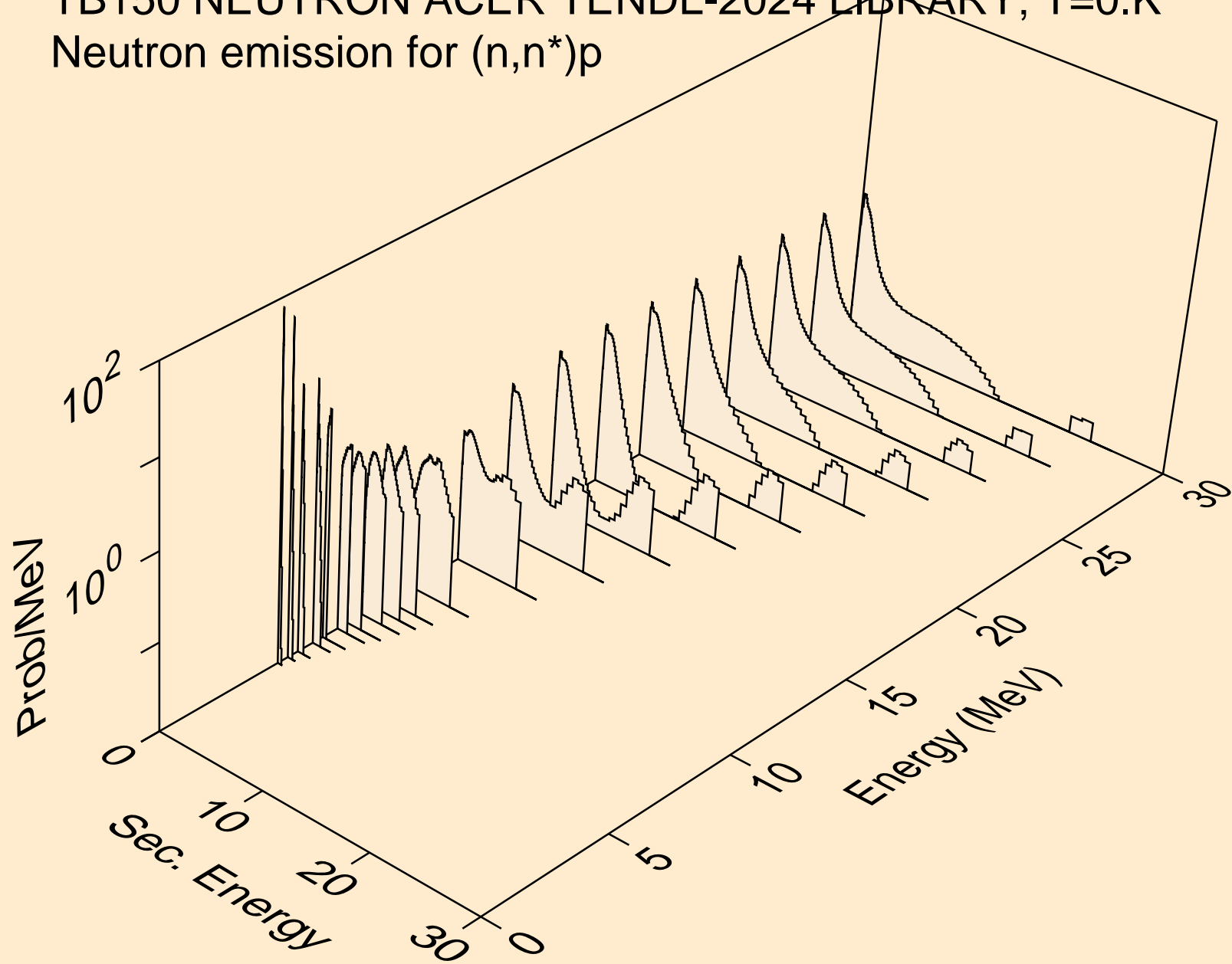
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Neutron emission for (n,2n)a



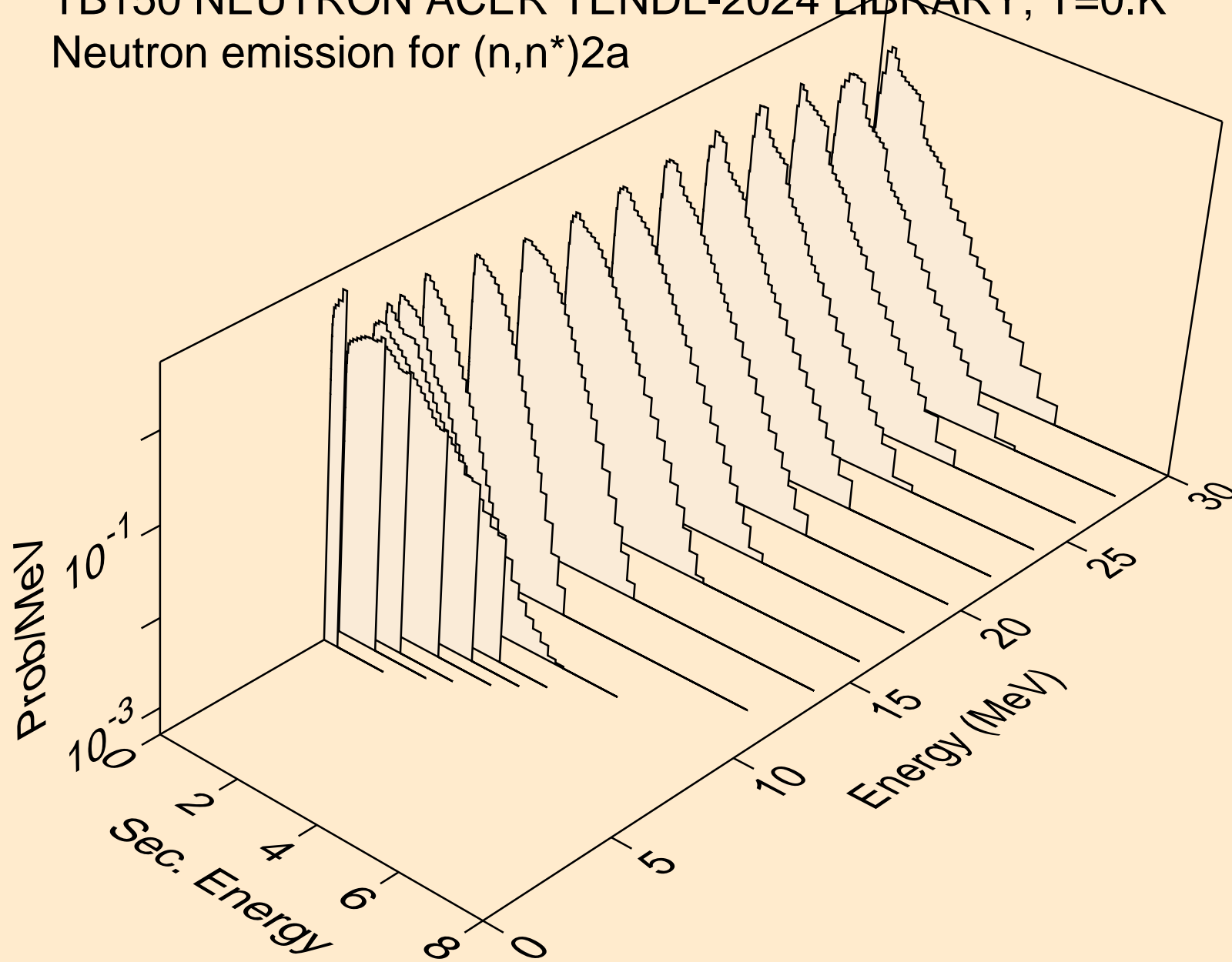
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Neutron emission for (n,3n)a



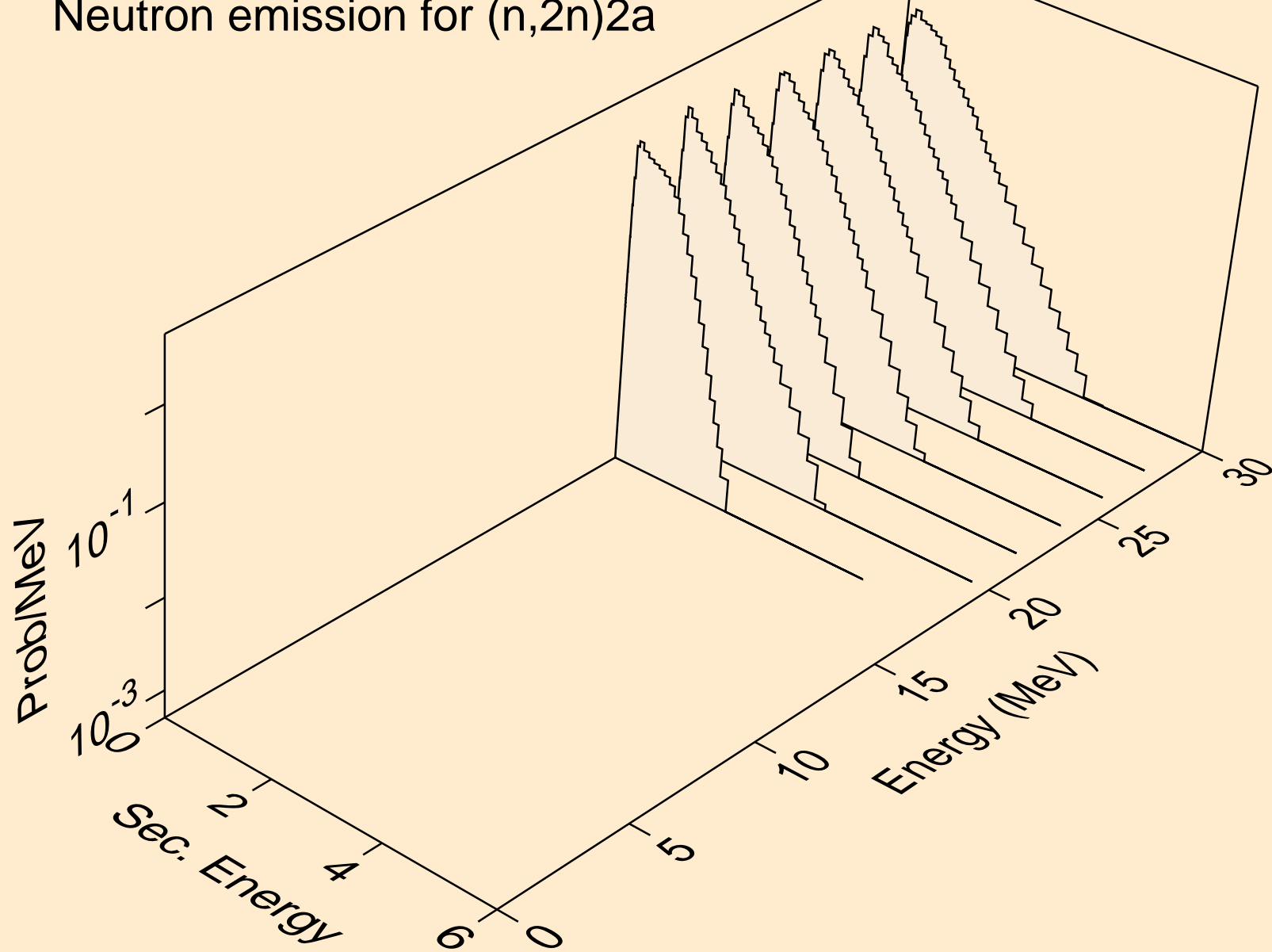
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

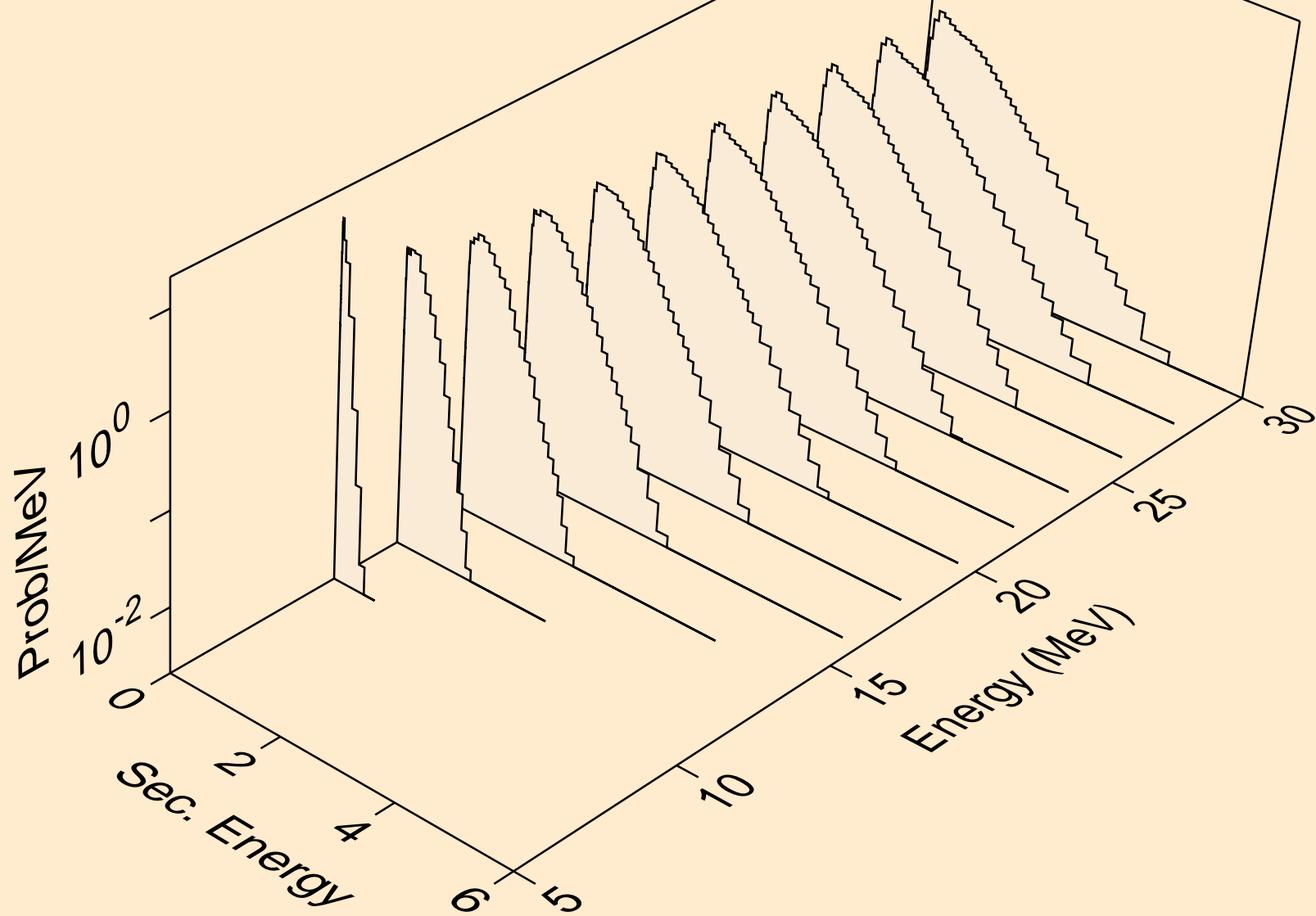


TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

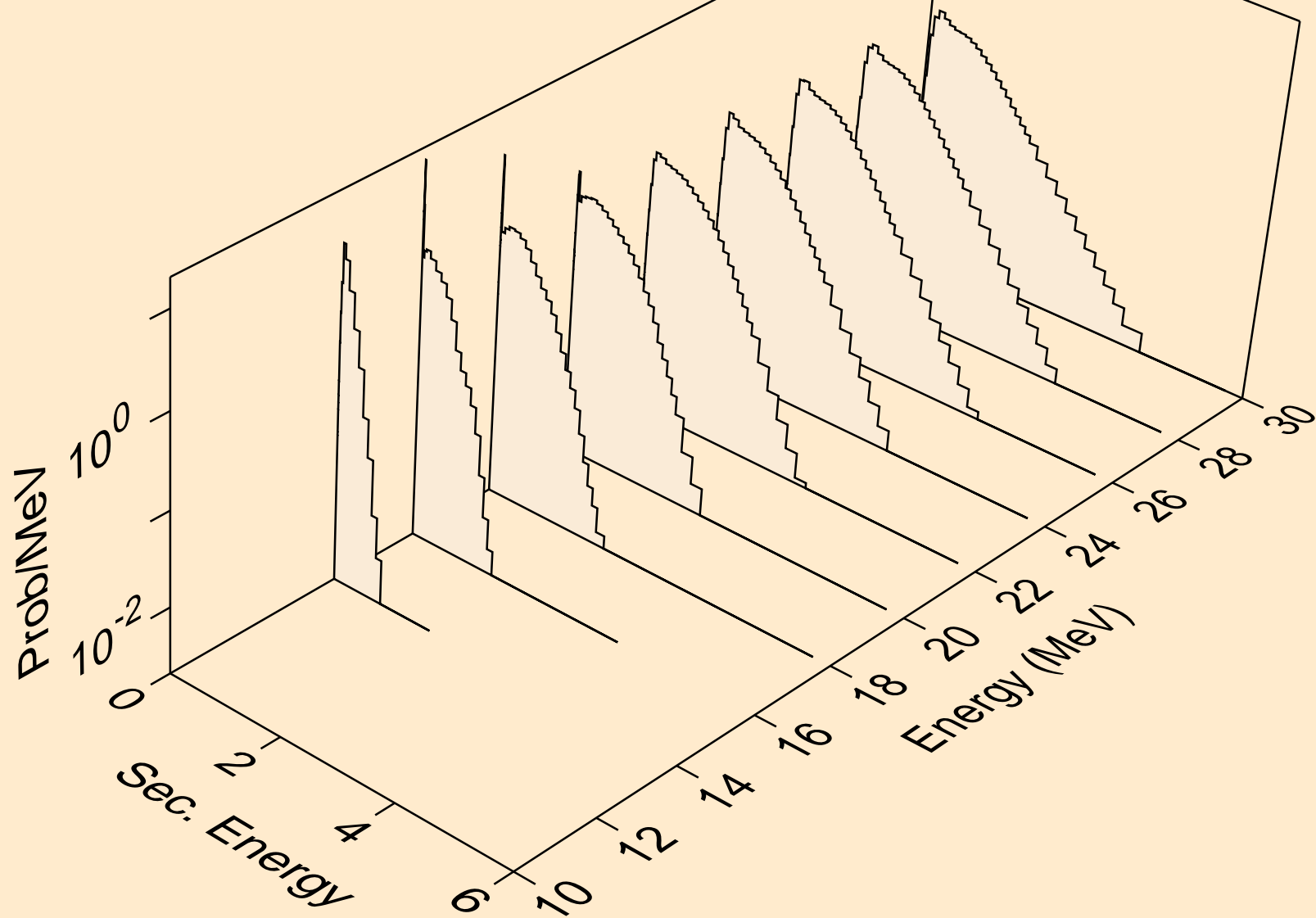




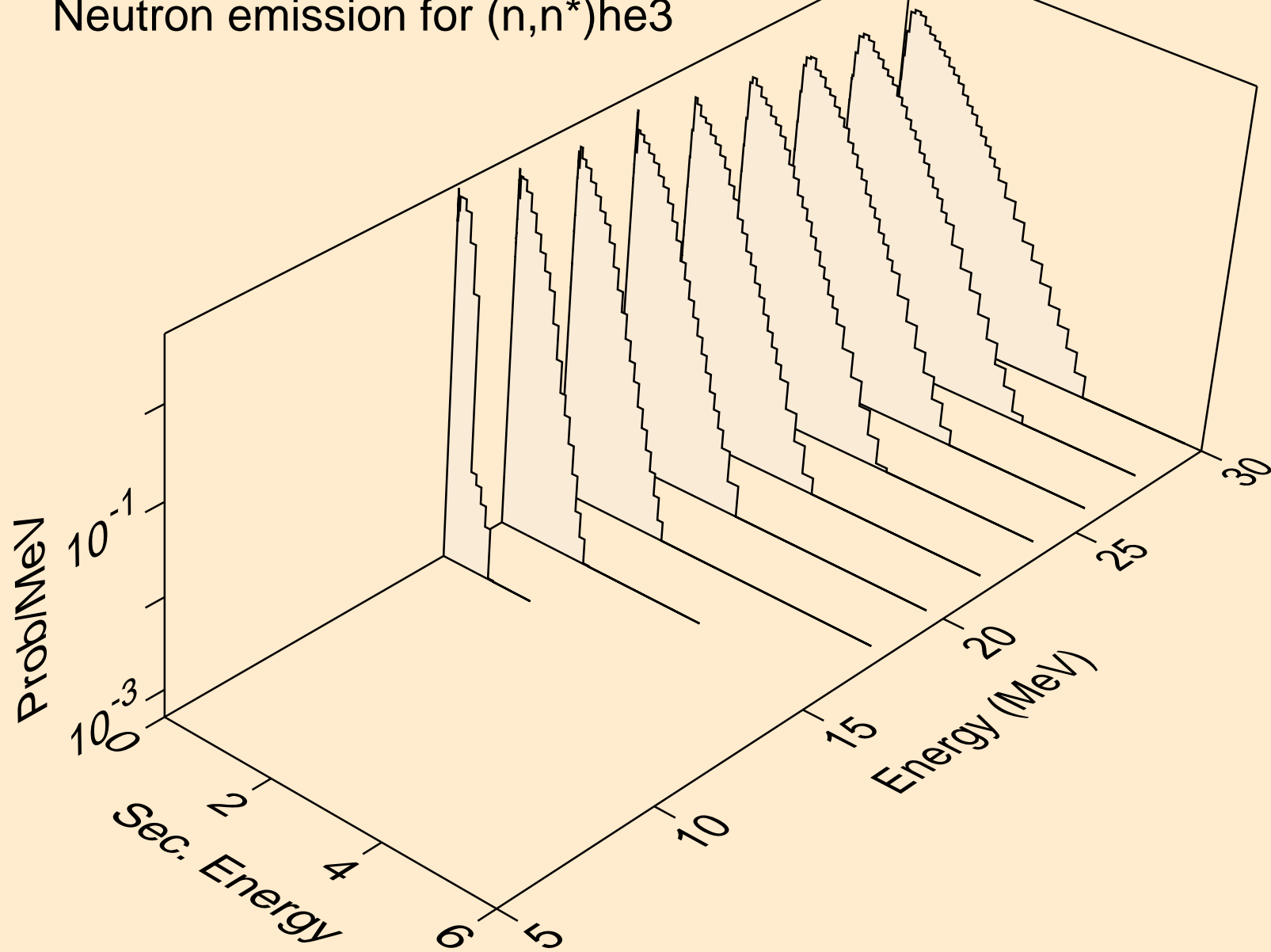
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



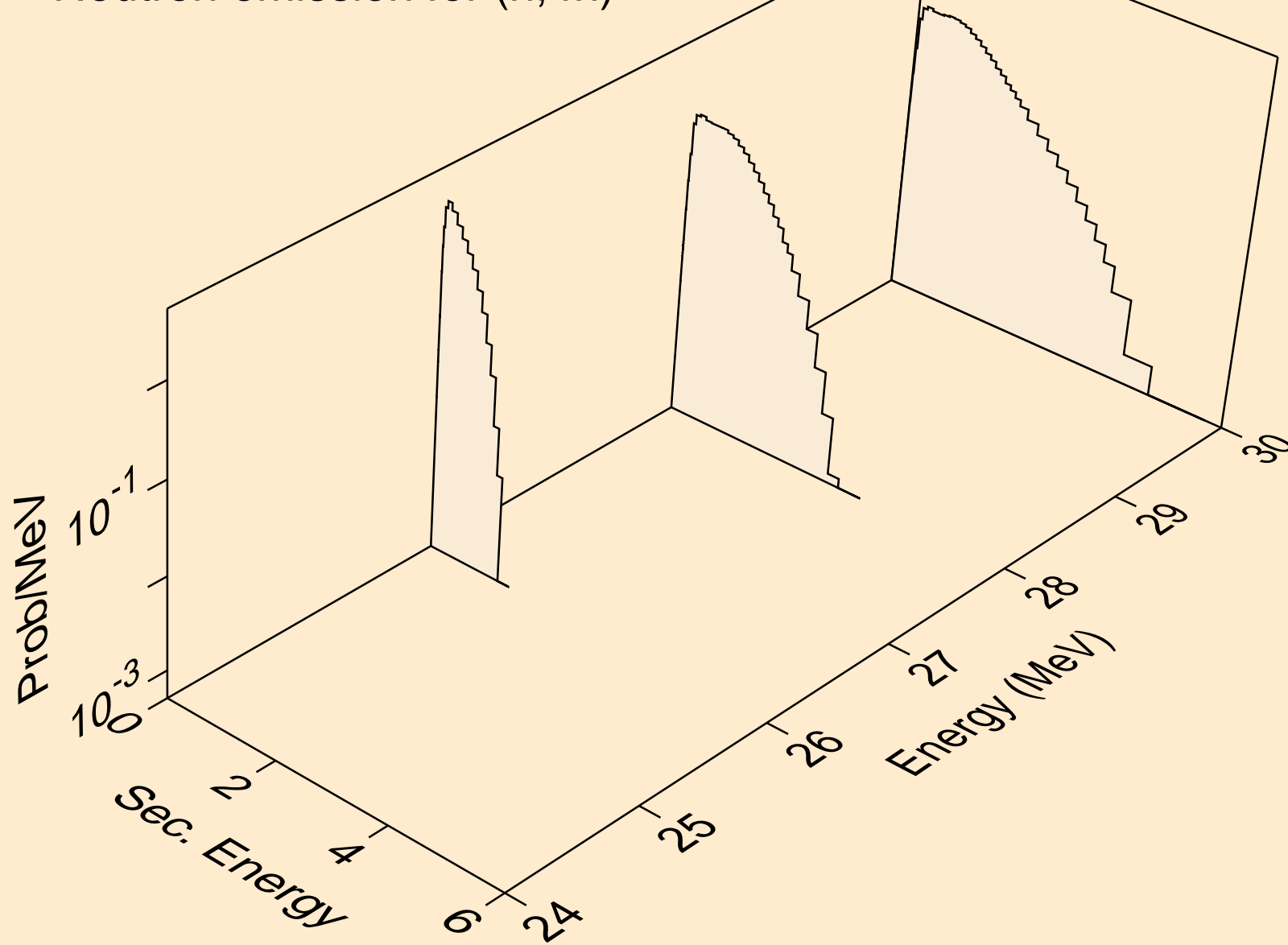
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



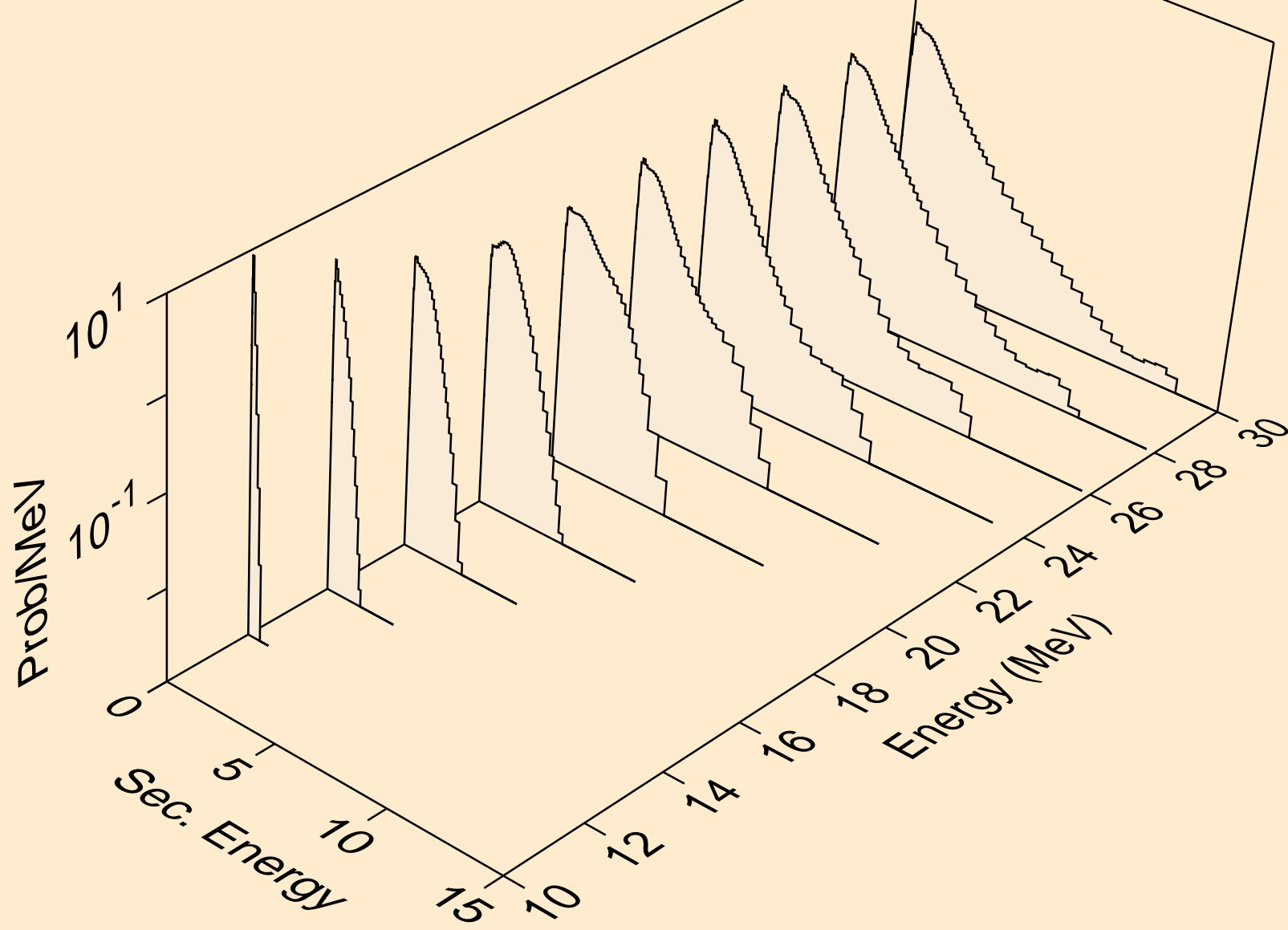
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



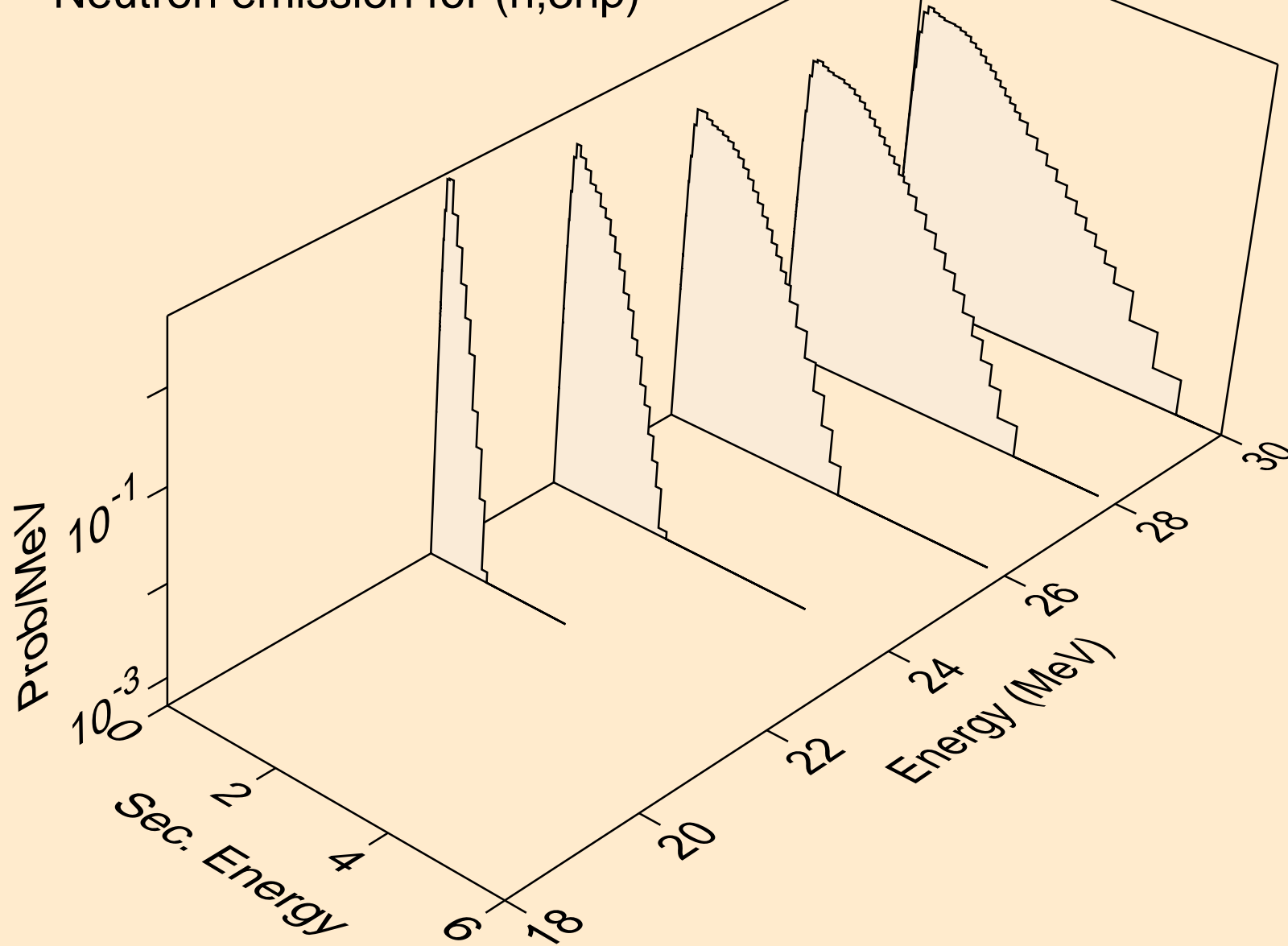
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Neutron emission for (n,4n)



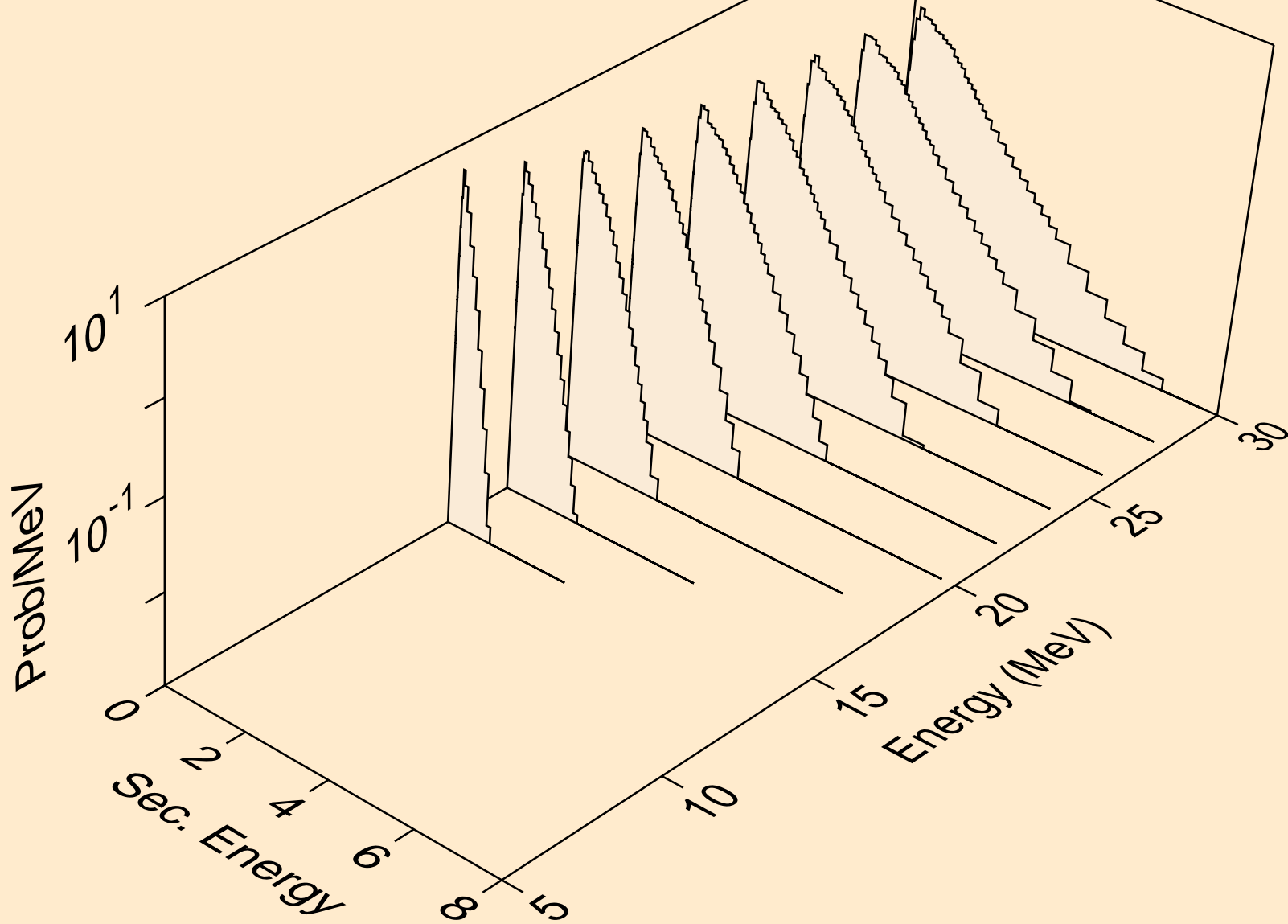
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Neutron emission for (n,2np)



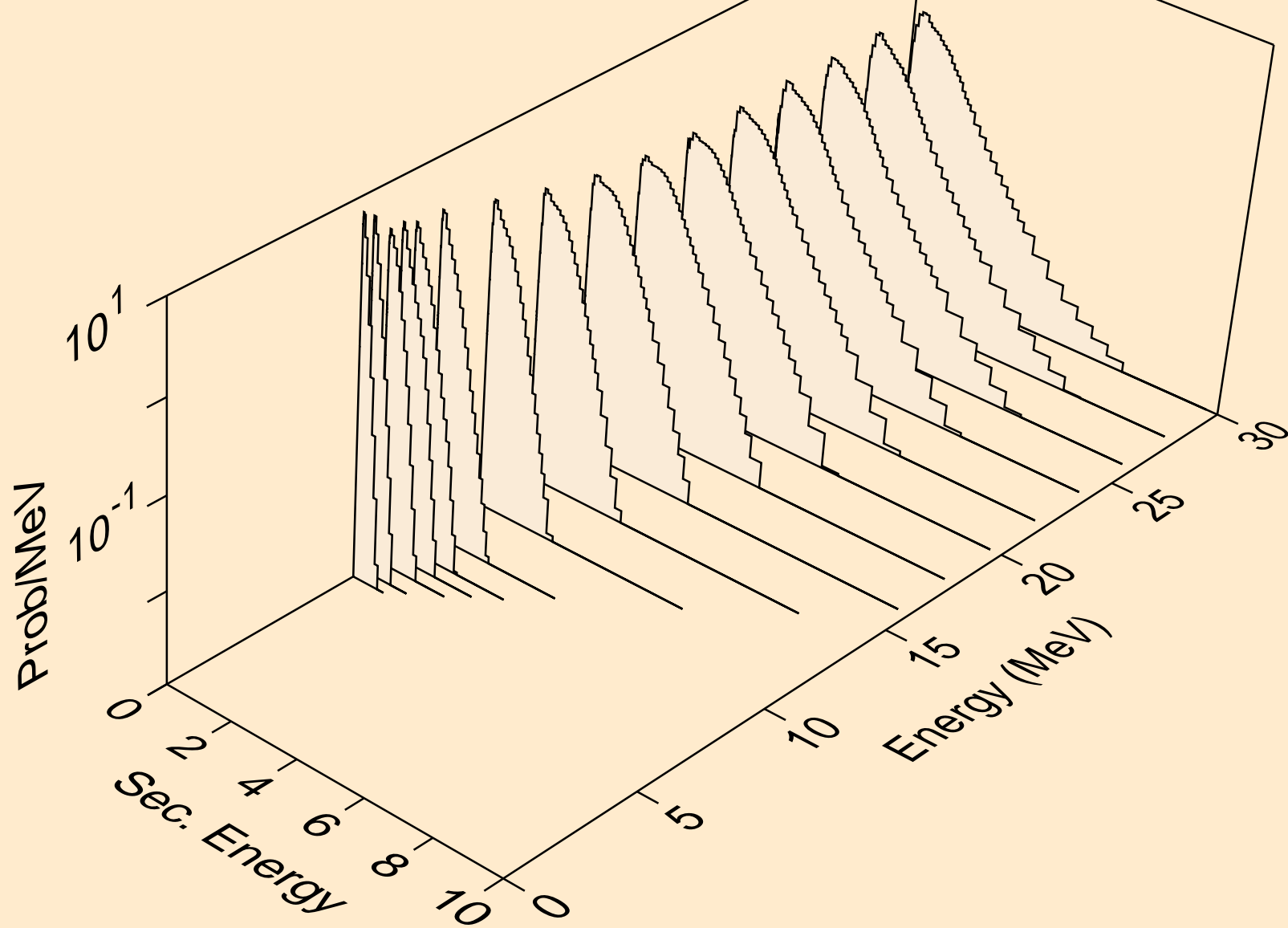
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

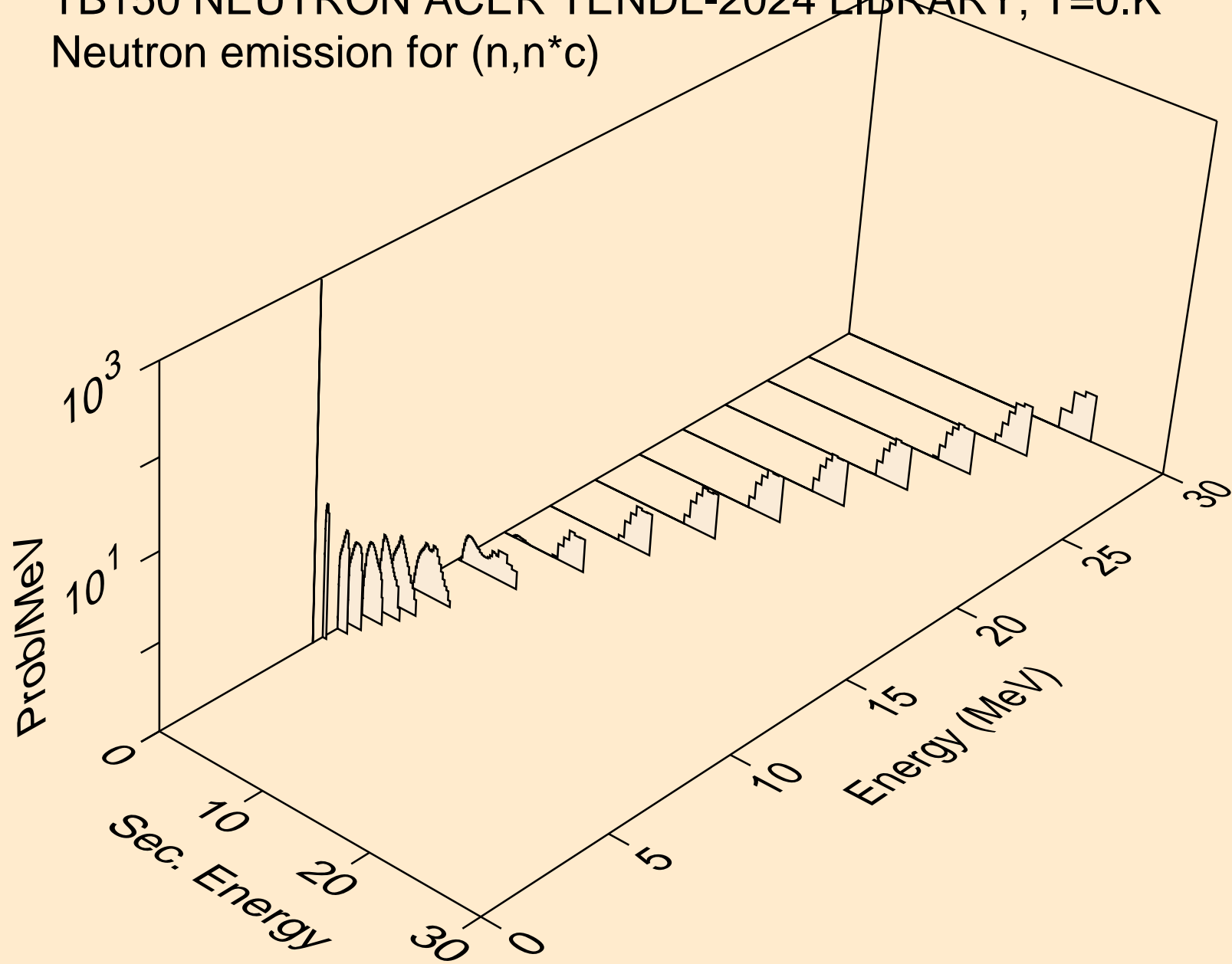


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Neutron emission for (n,npa)

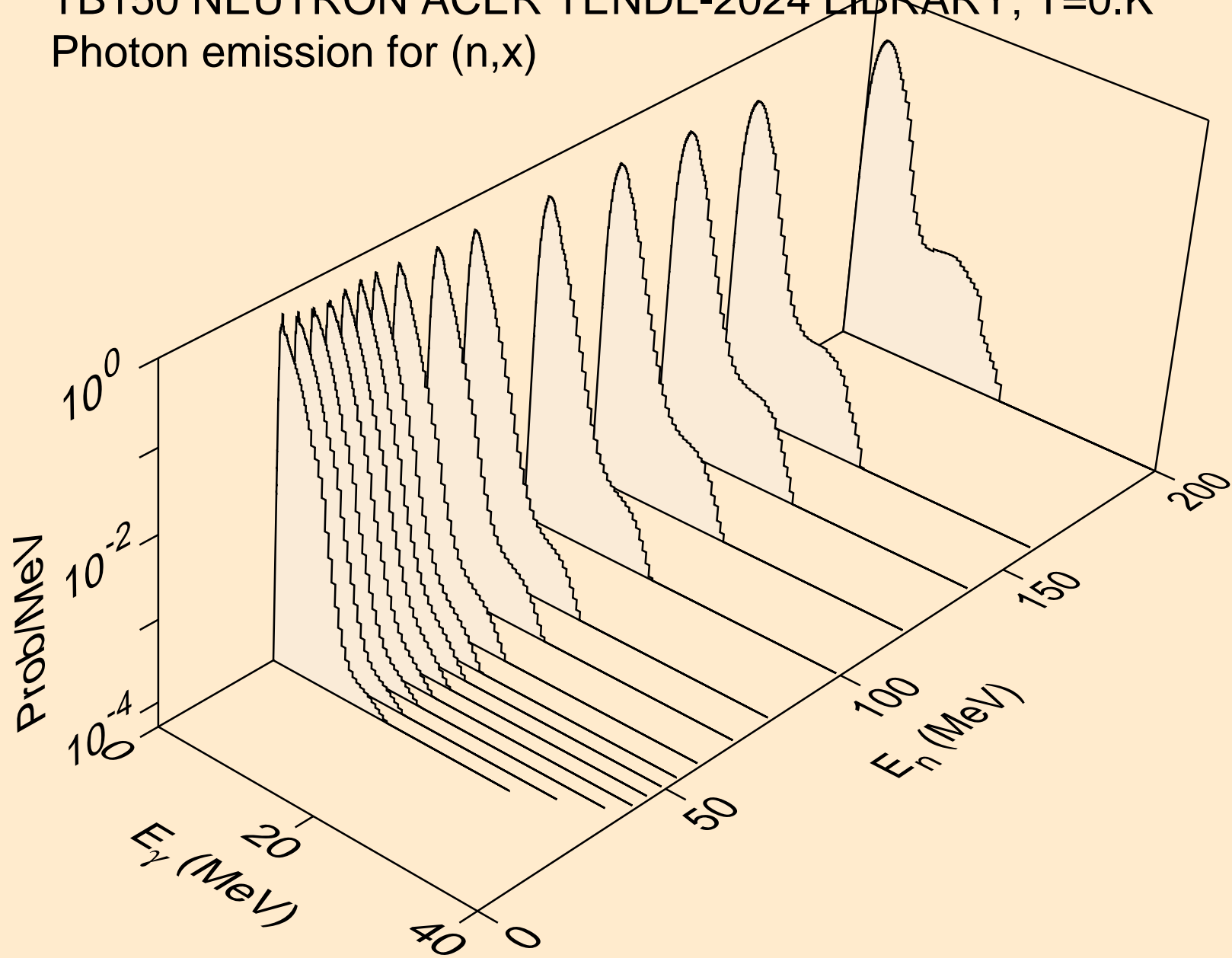




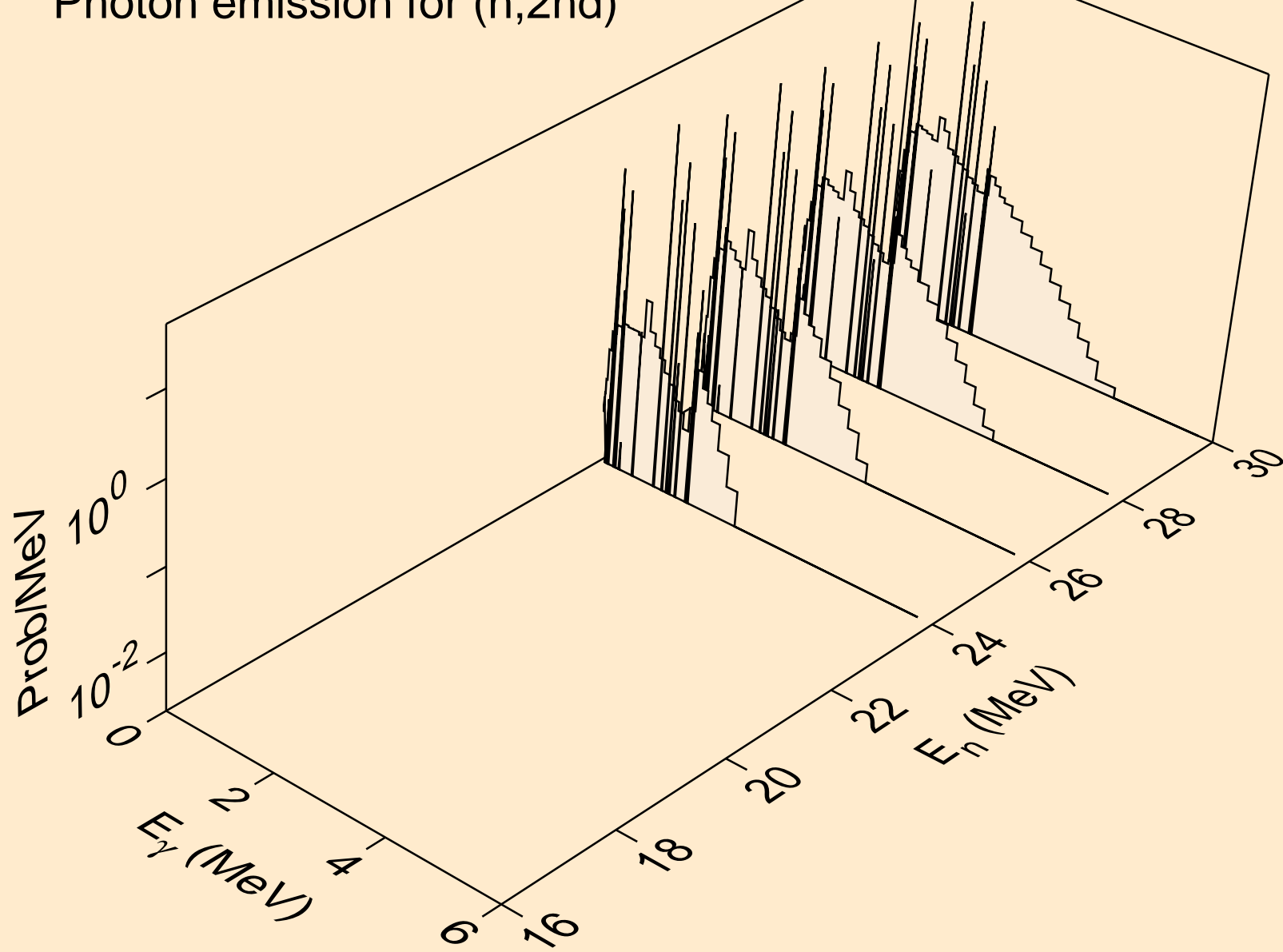
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Neutron emission for (n,n\*c)



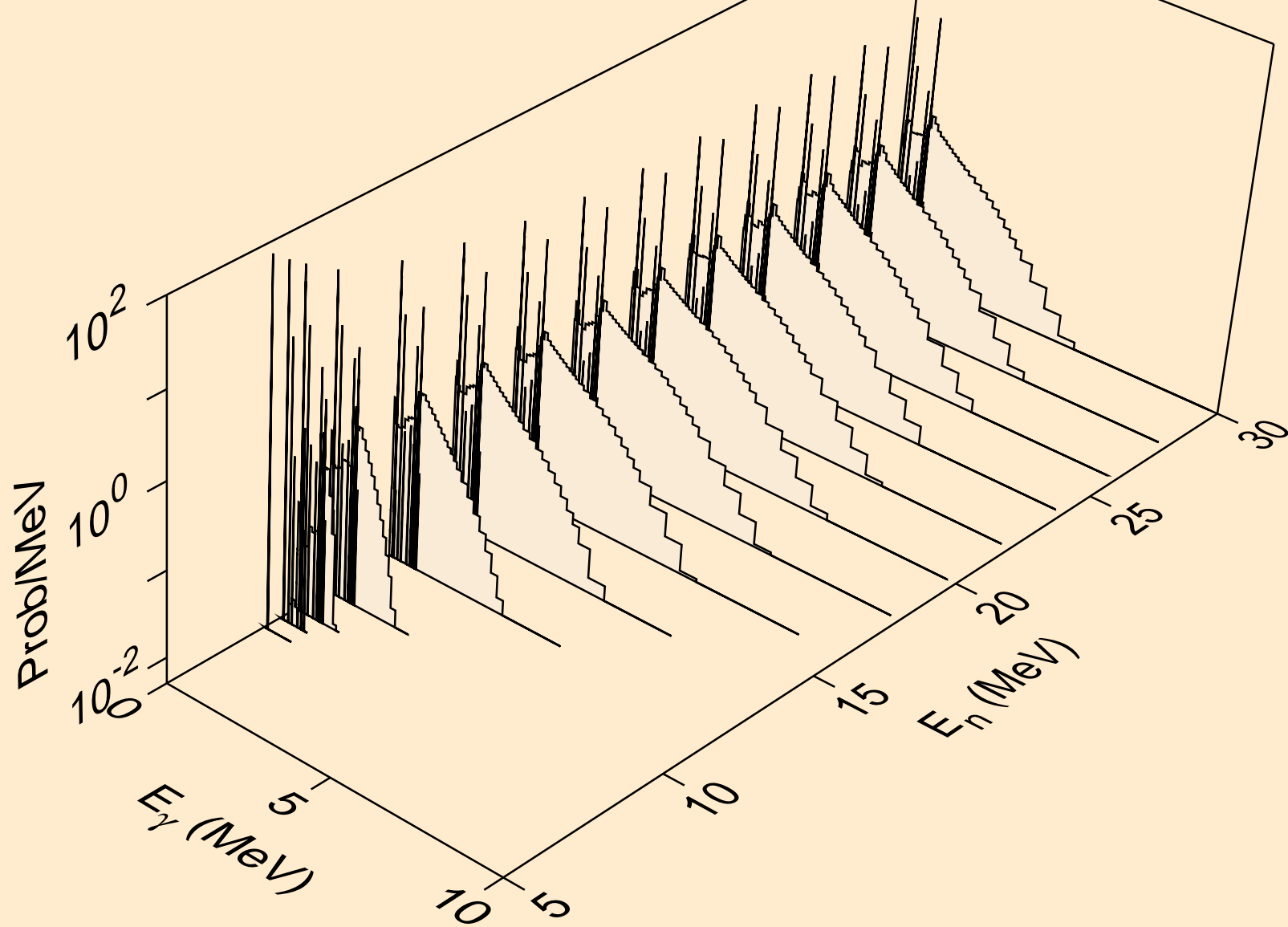
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Photon emission for (n,x)



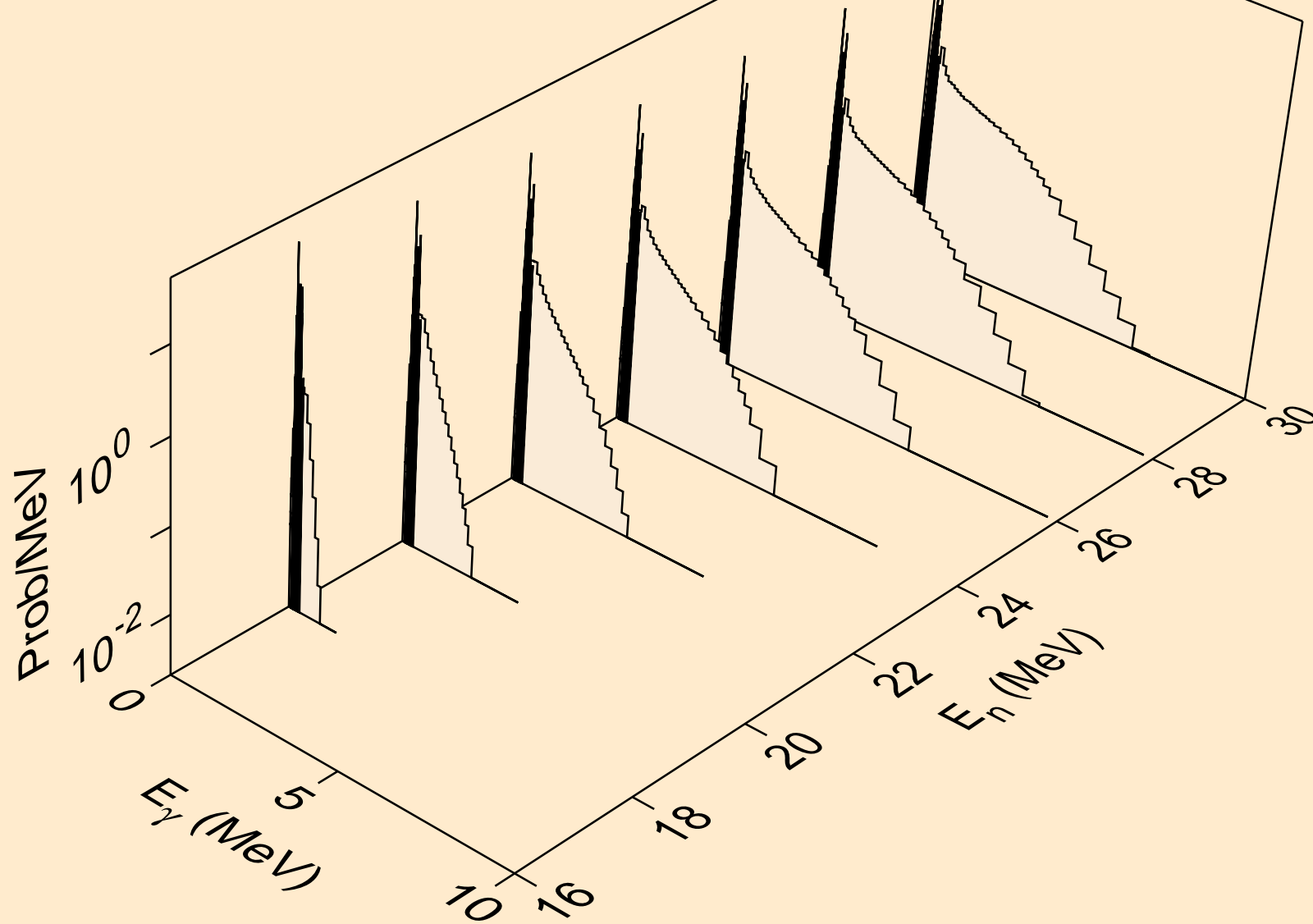
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Photon emission for (n,2nd)



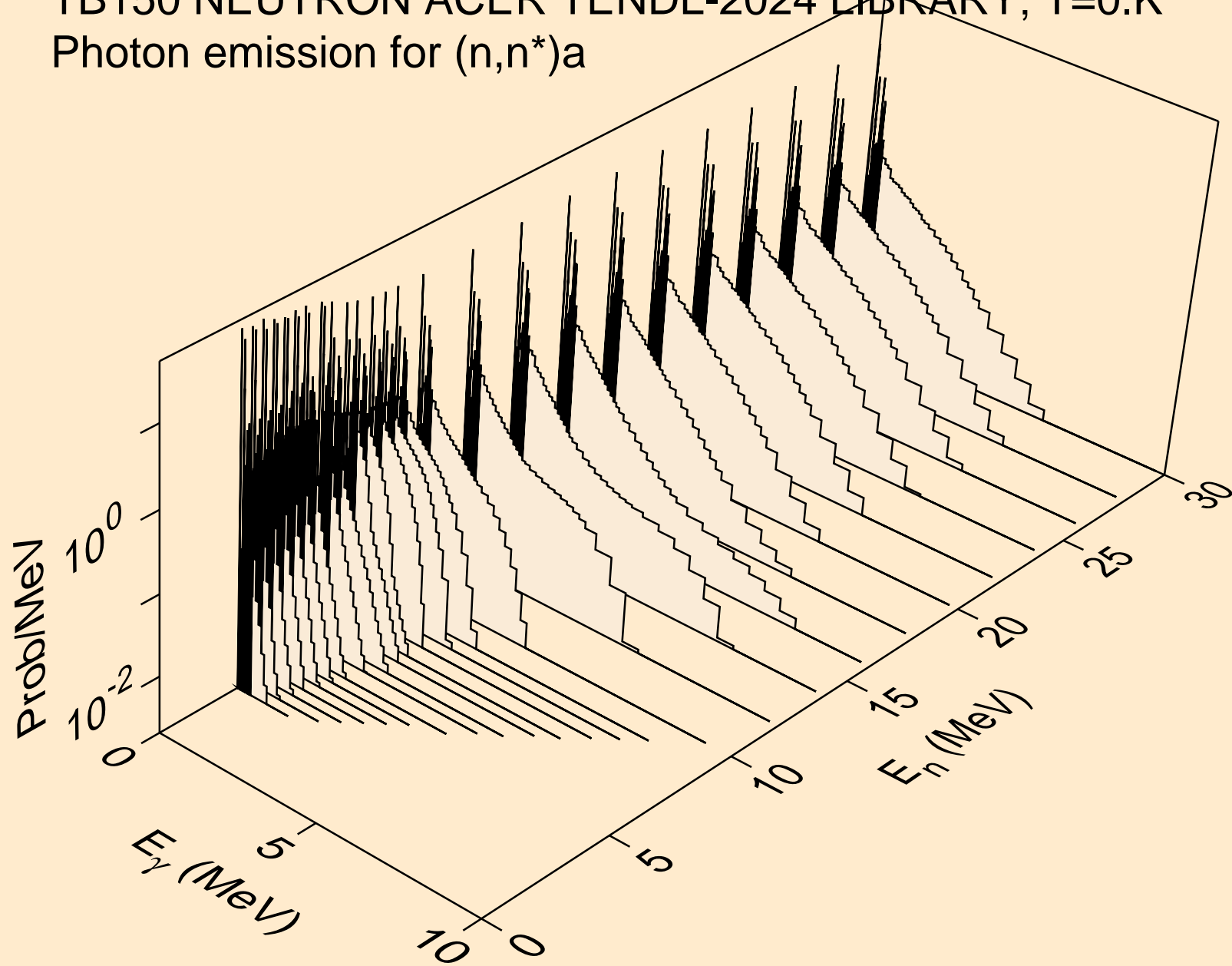
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Photon emission for (n,2n)



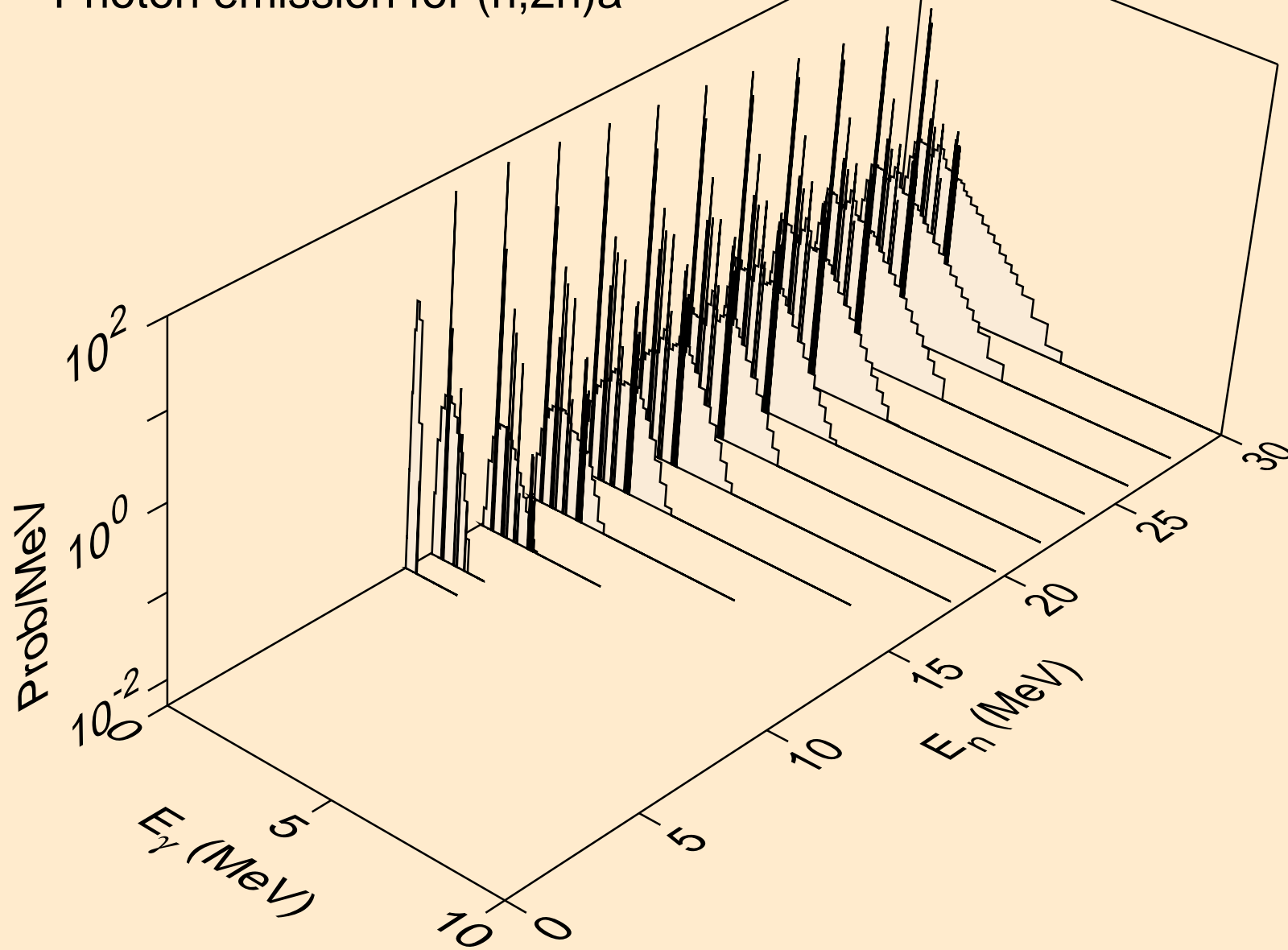
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Photon emission for (n,3n)



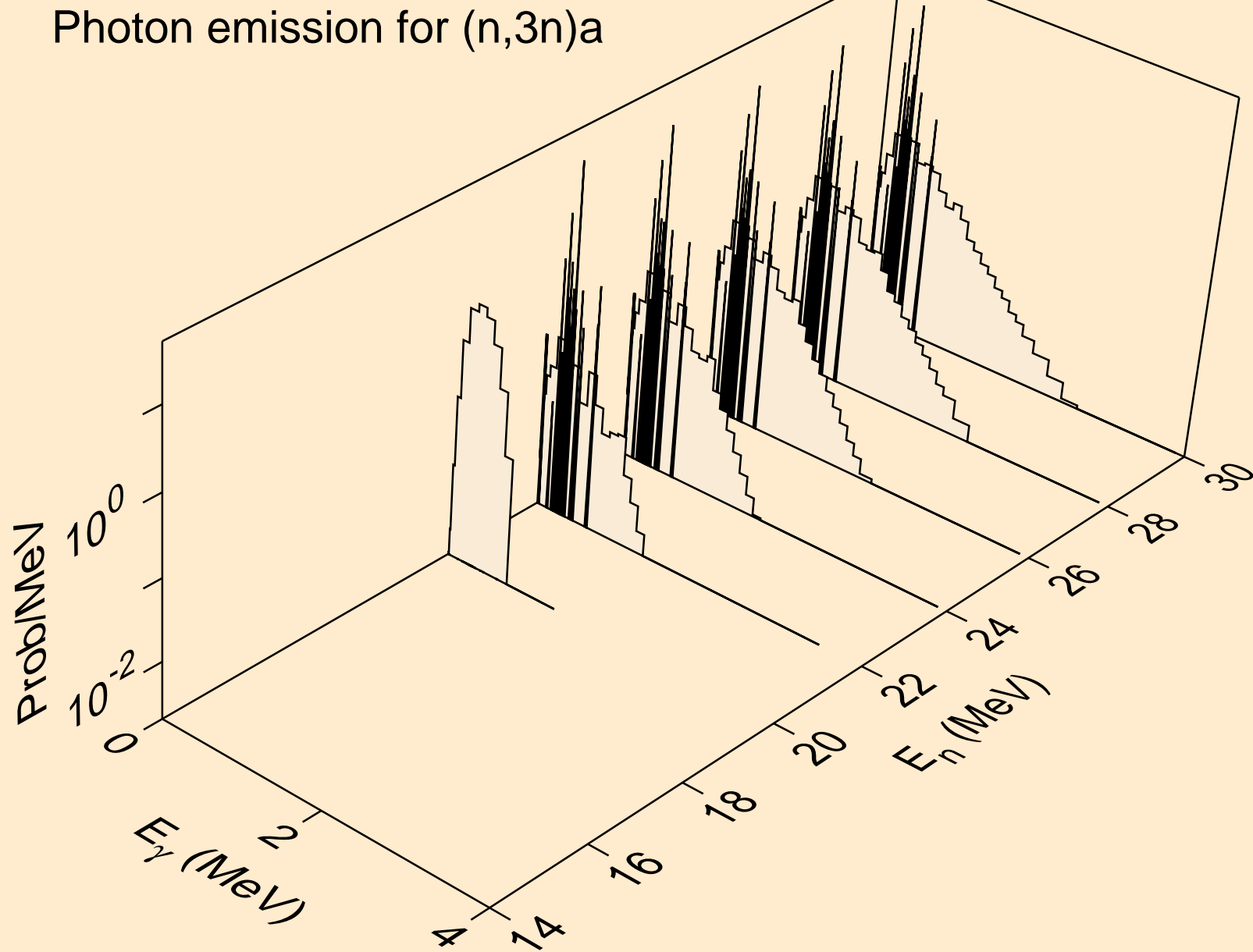
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



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Photon emission for (n,2n)a

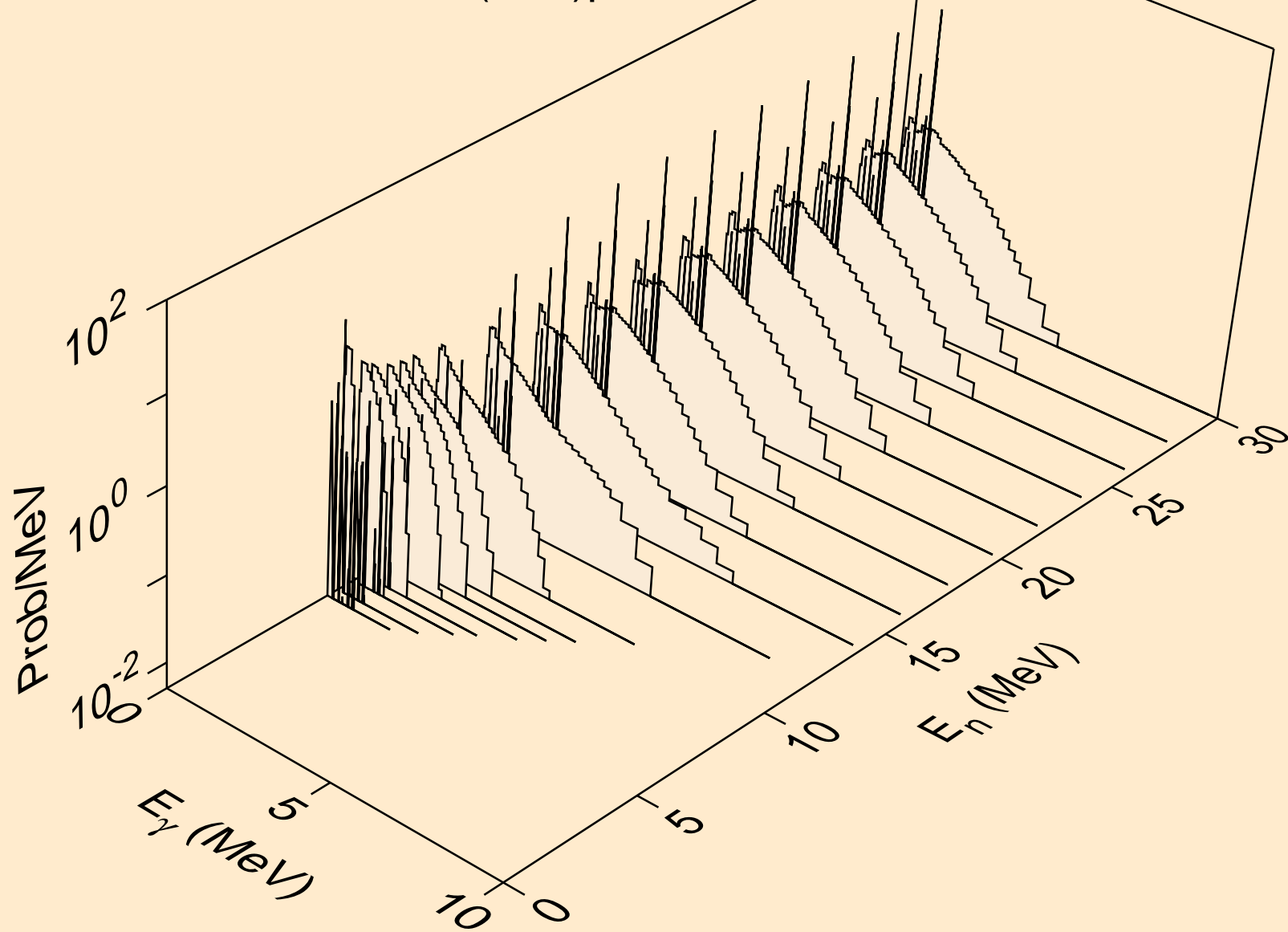


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Photon emission for (n,3n)a

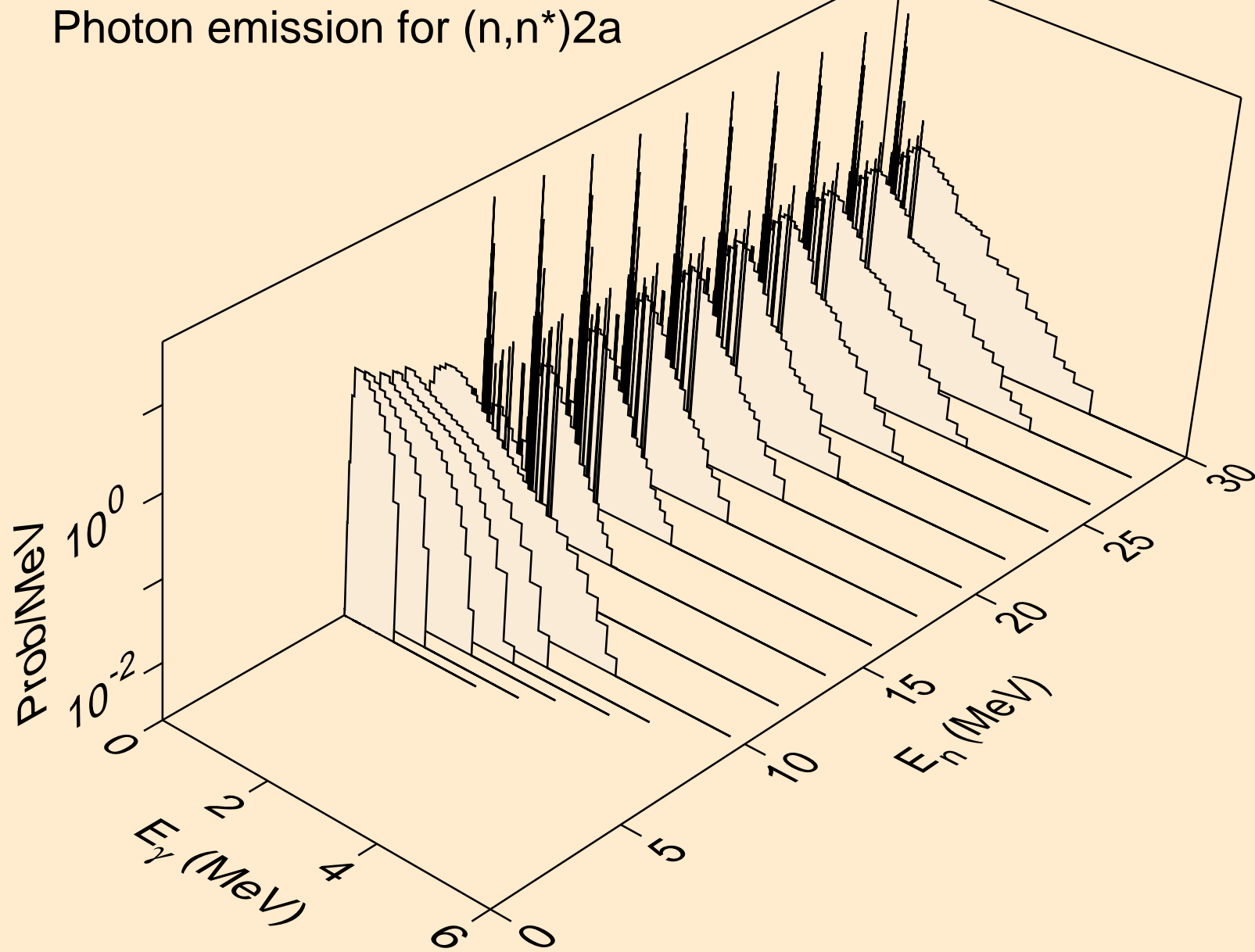




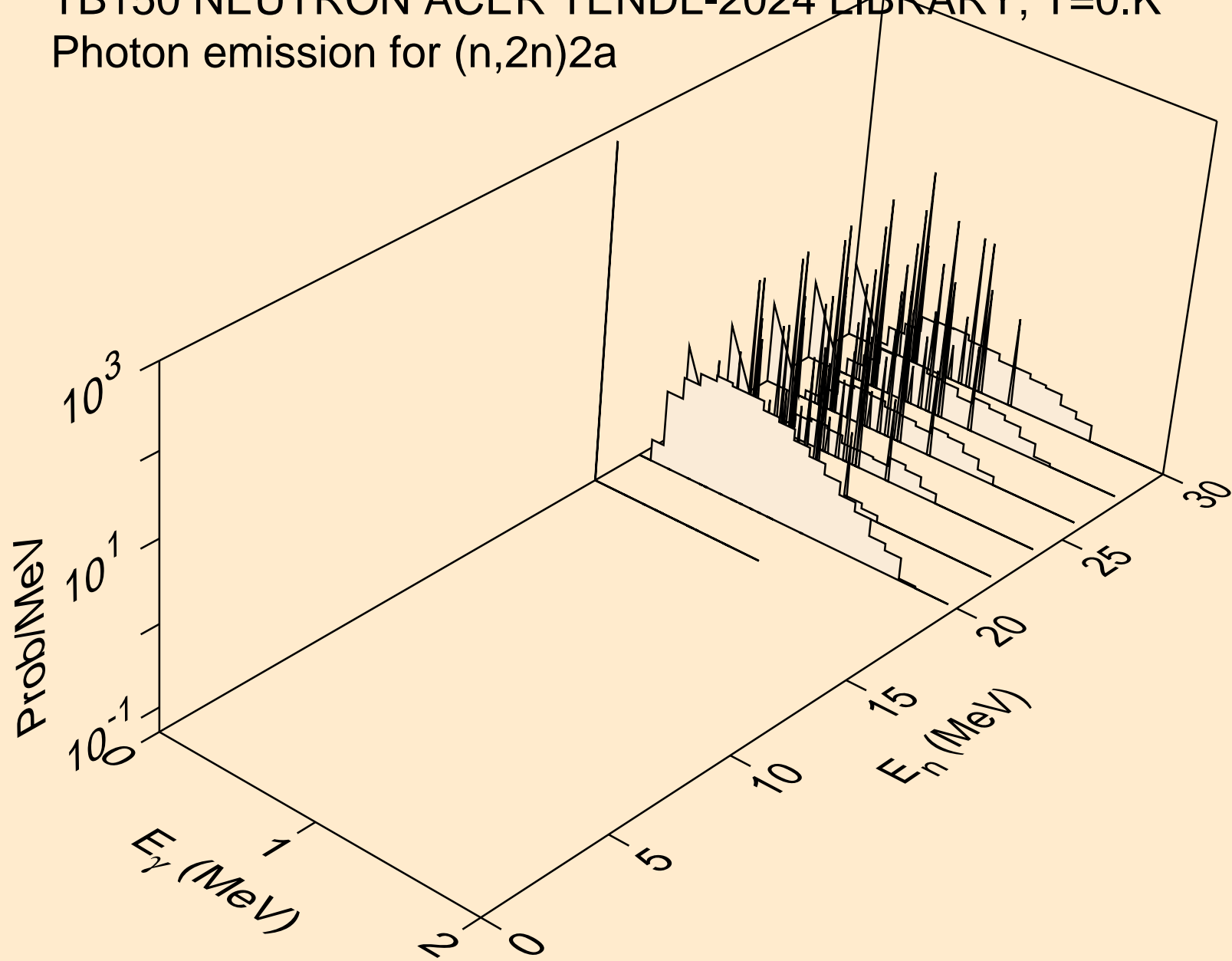
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Photon emission for (n,n\*)p



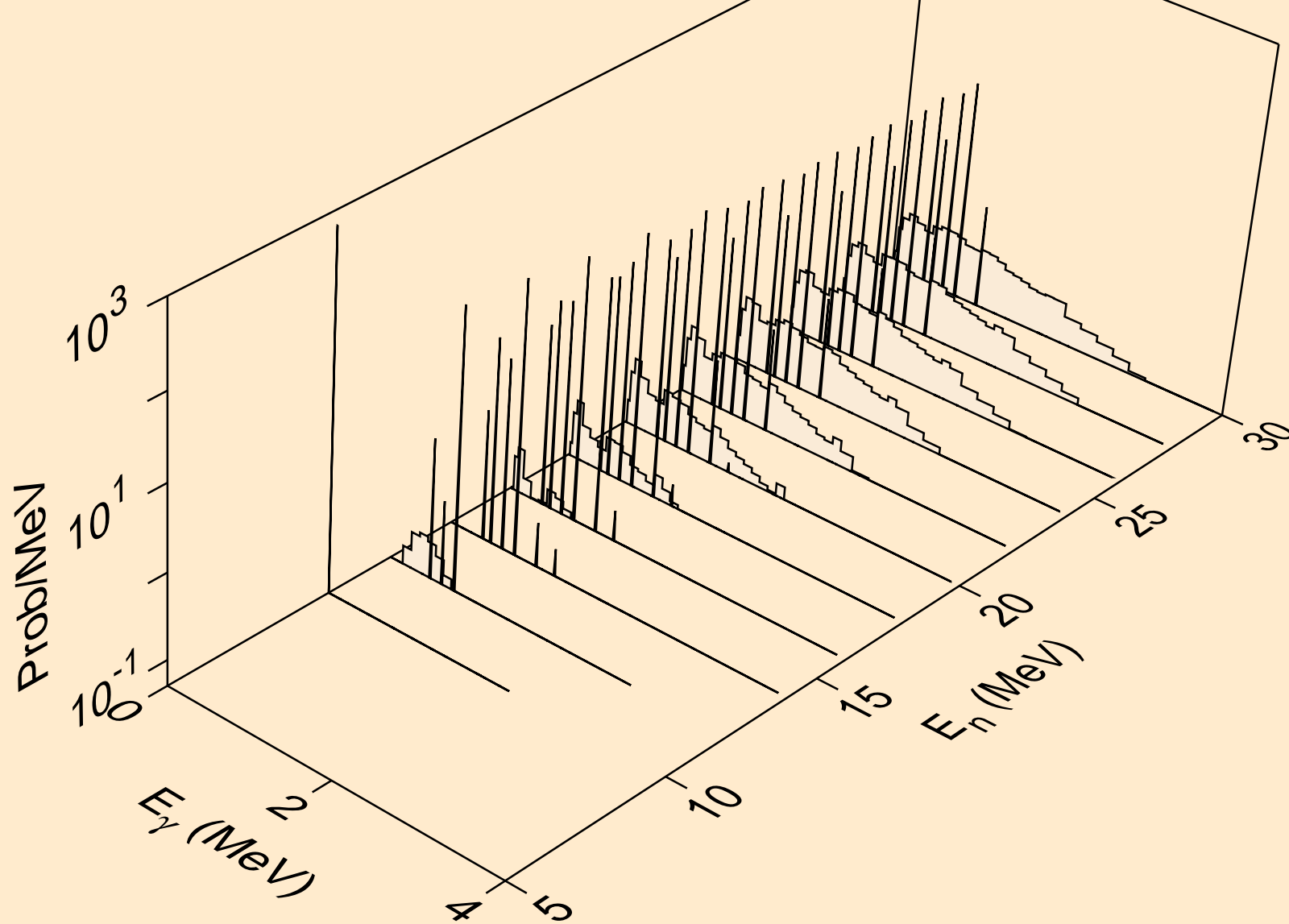
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Photon emission for (n,n\*)2a



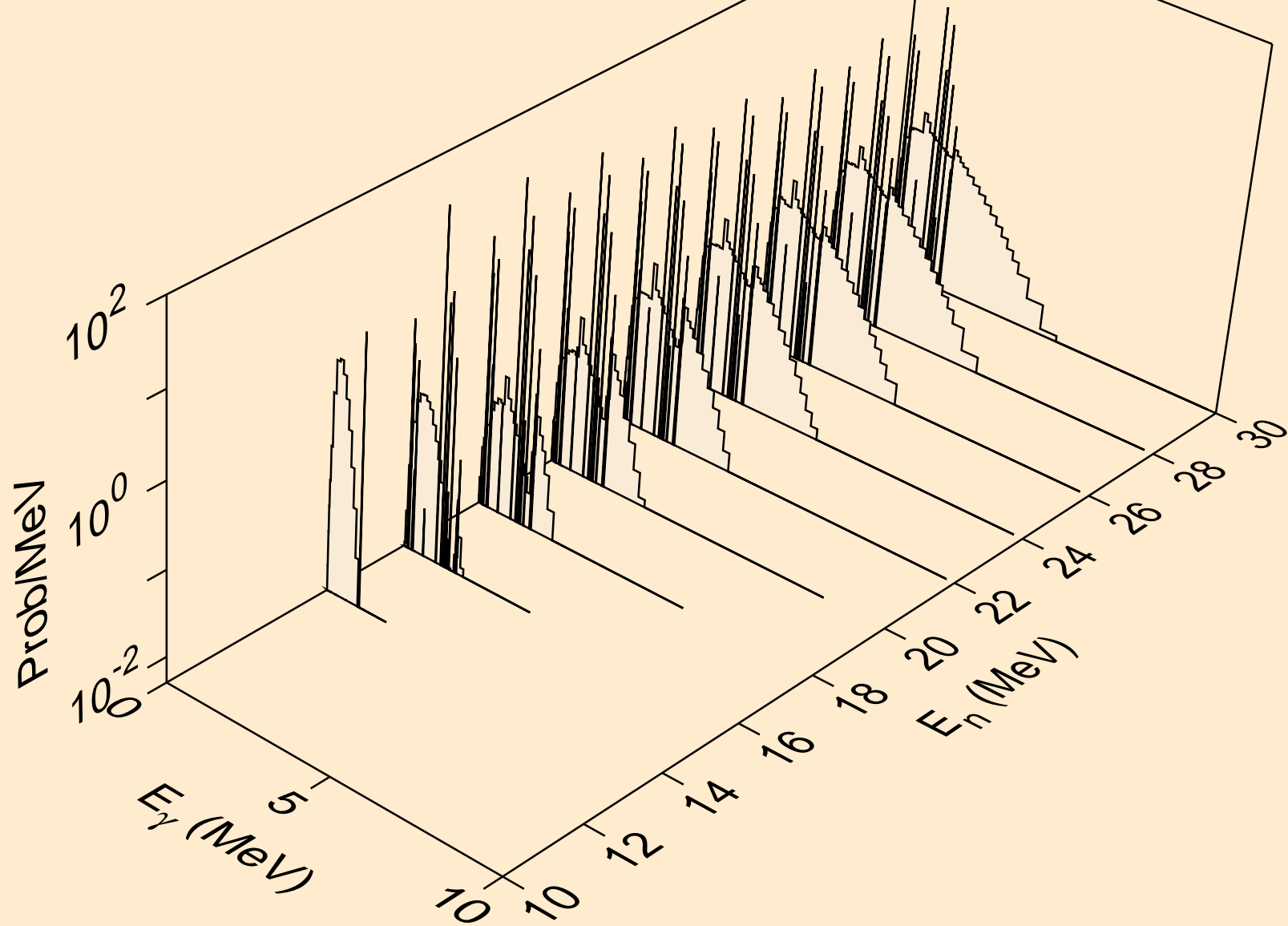
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Photon emission for (n,2n)2a



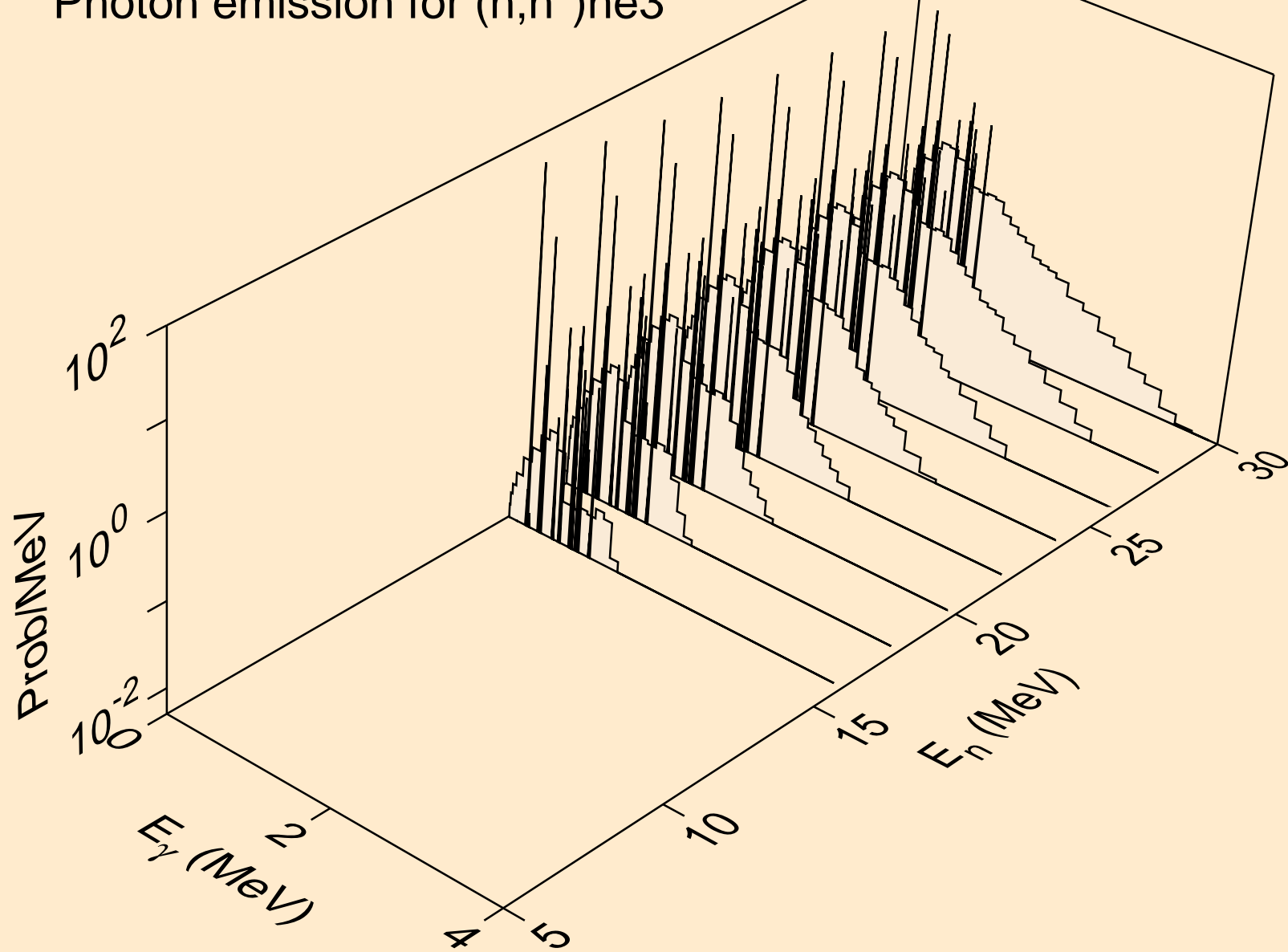
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



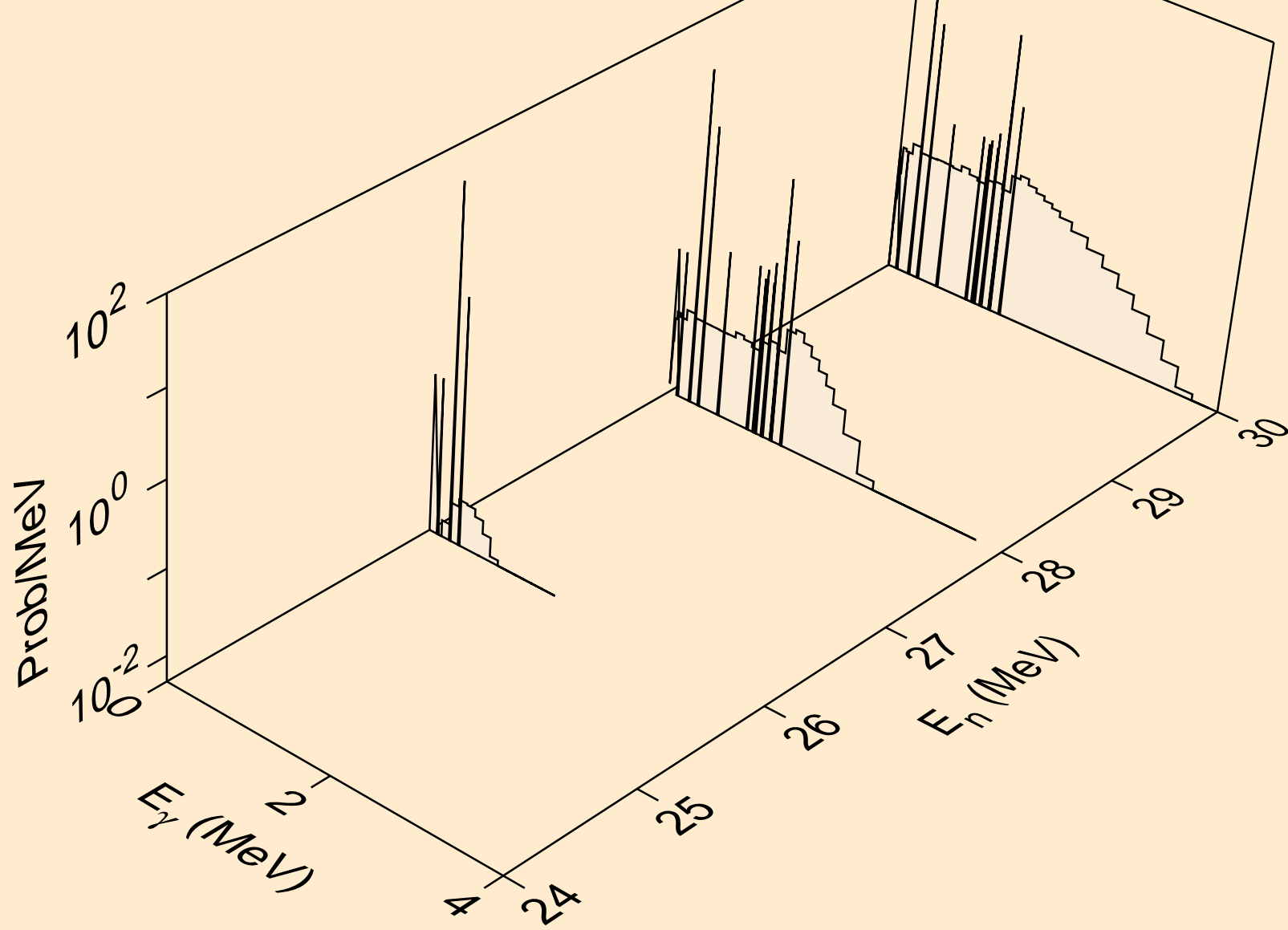
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Photon emission for (n,n\*)t



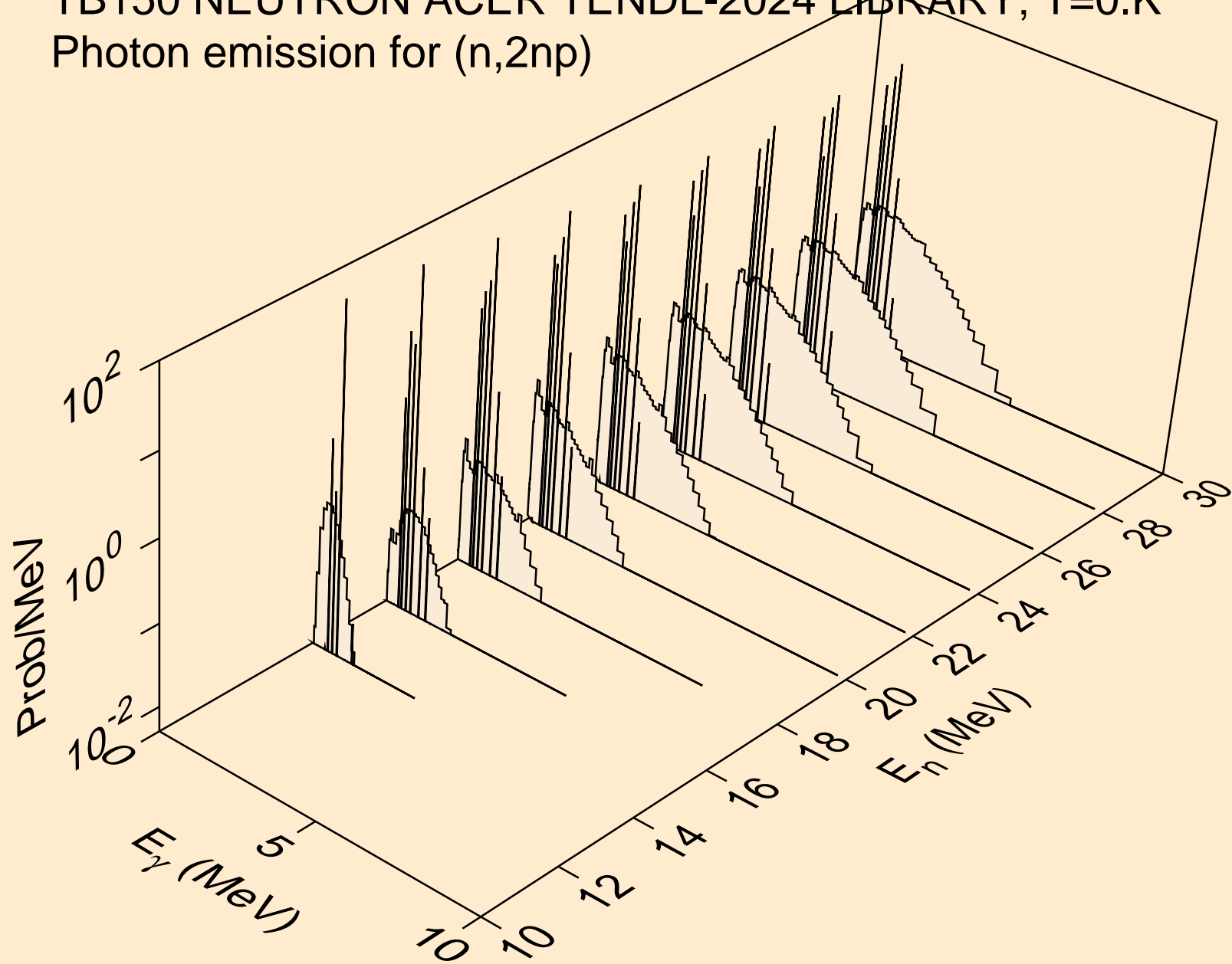
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

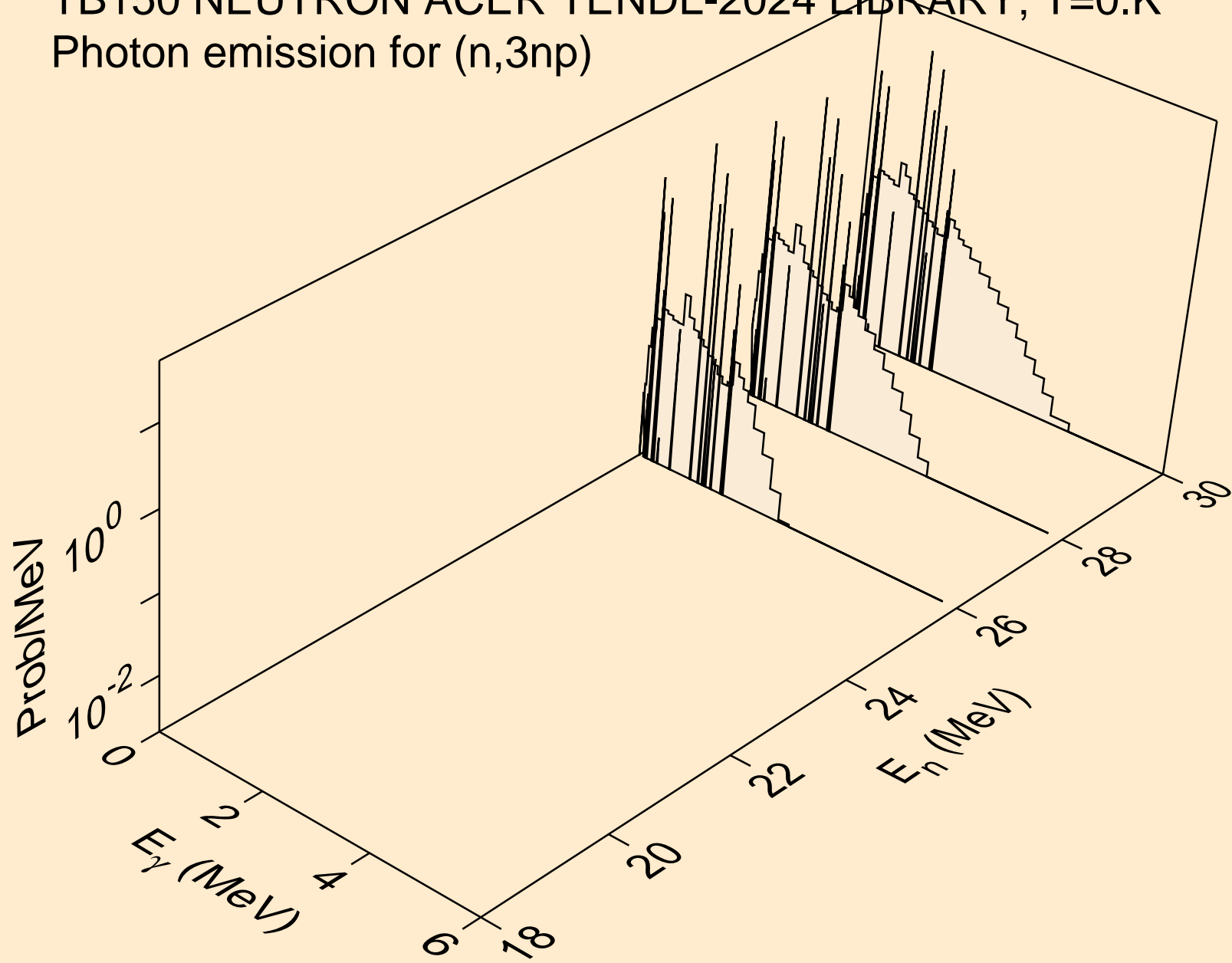


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Photon emission for (n,2np)

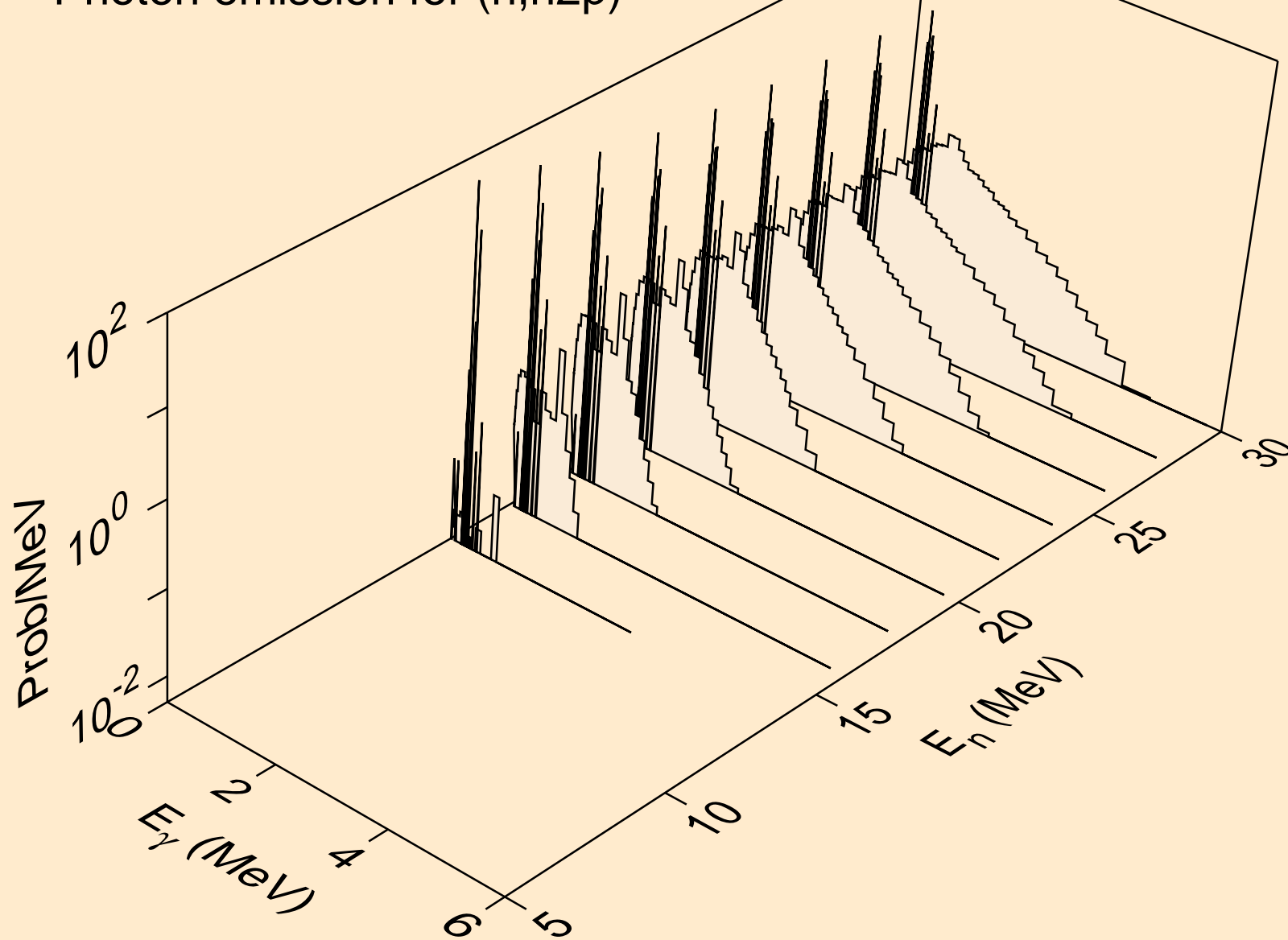




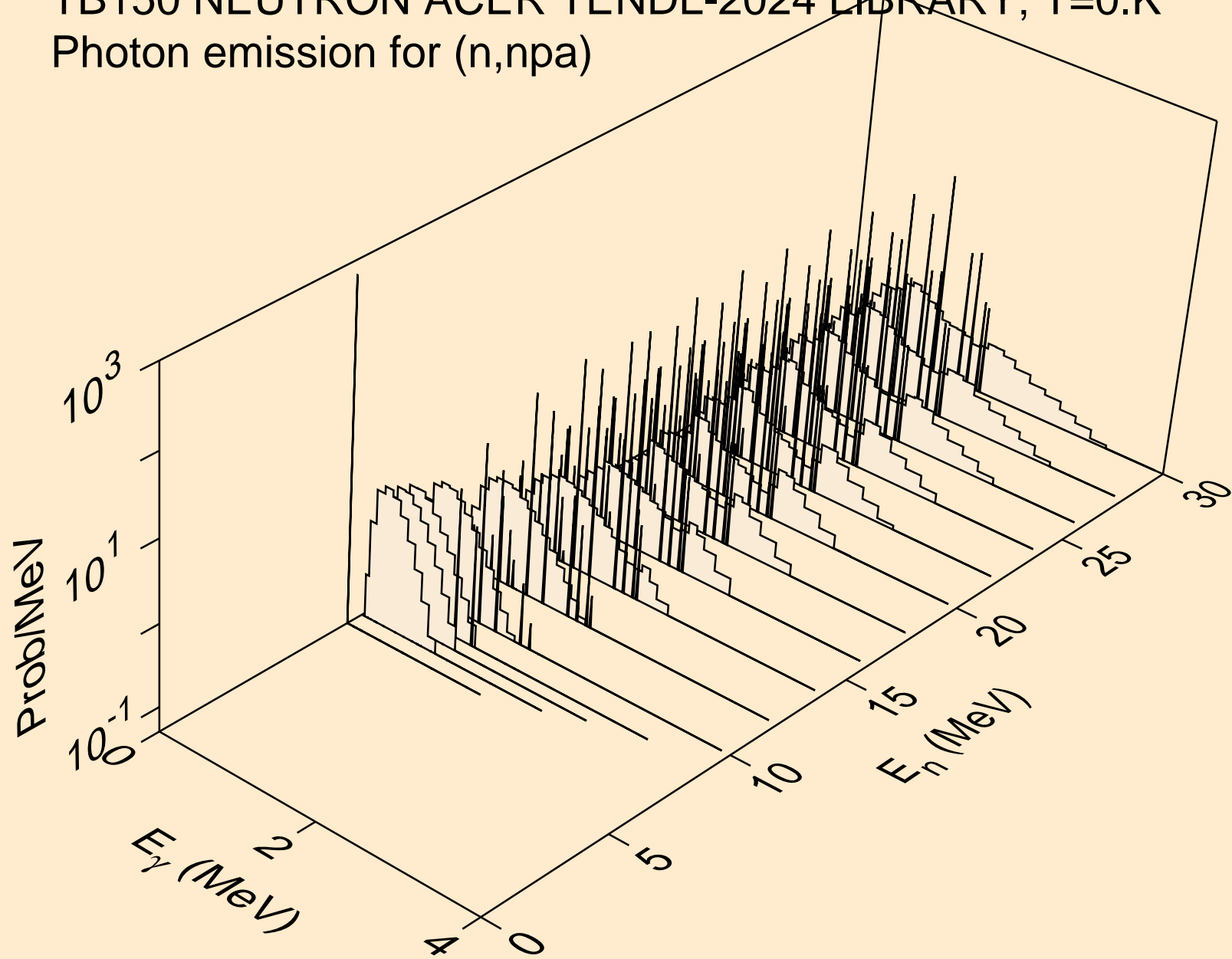
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Photon emission for (n,3np)



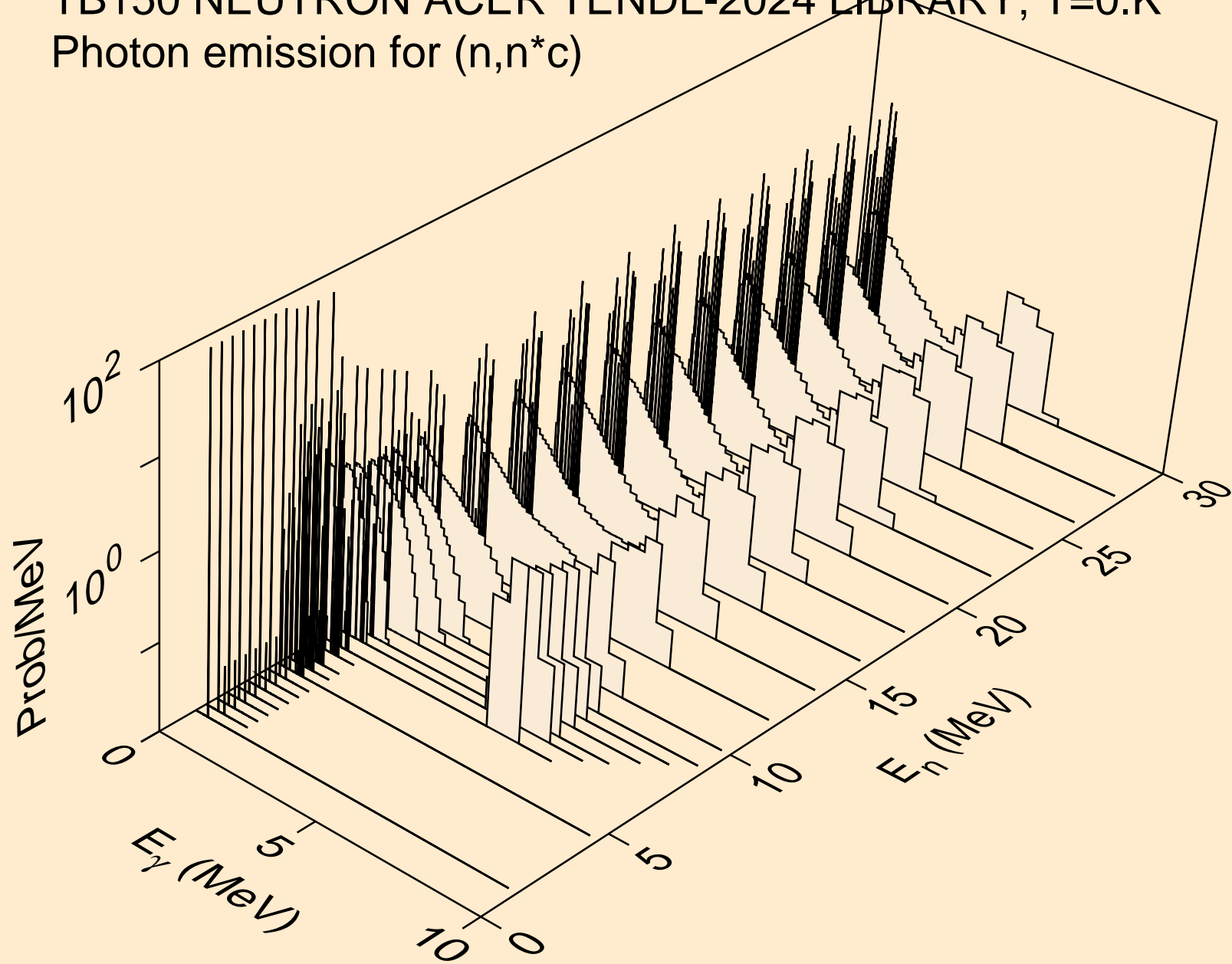
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Photon emission for (n,n2p)



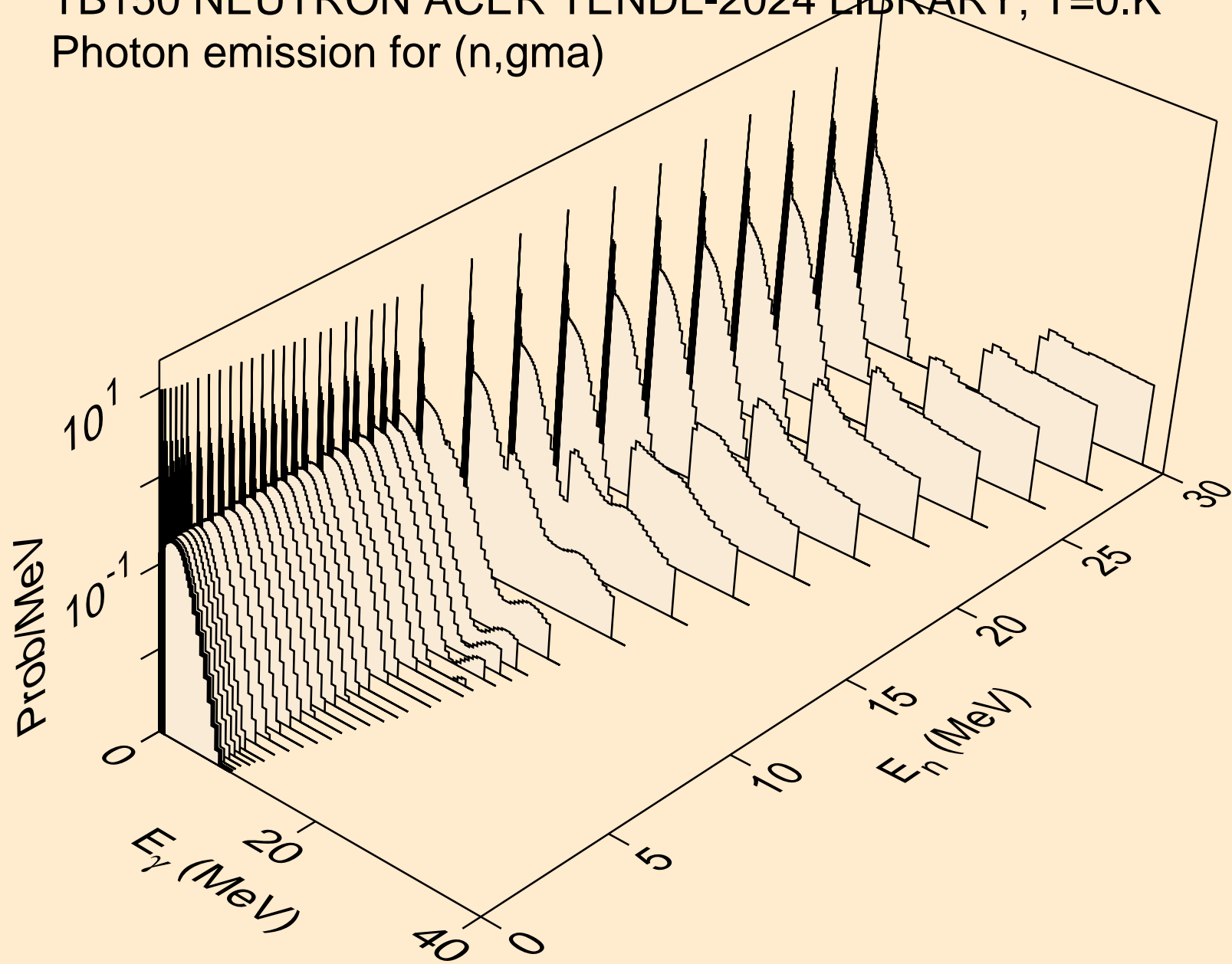
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



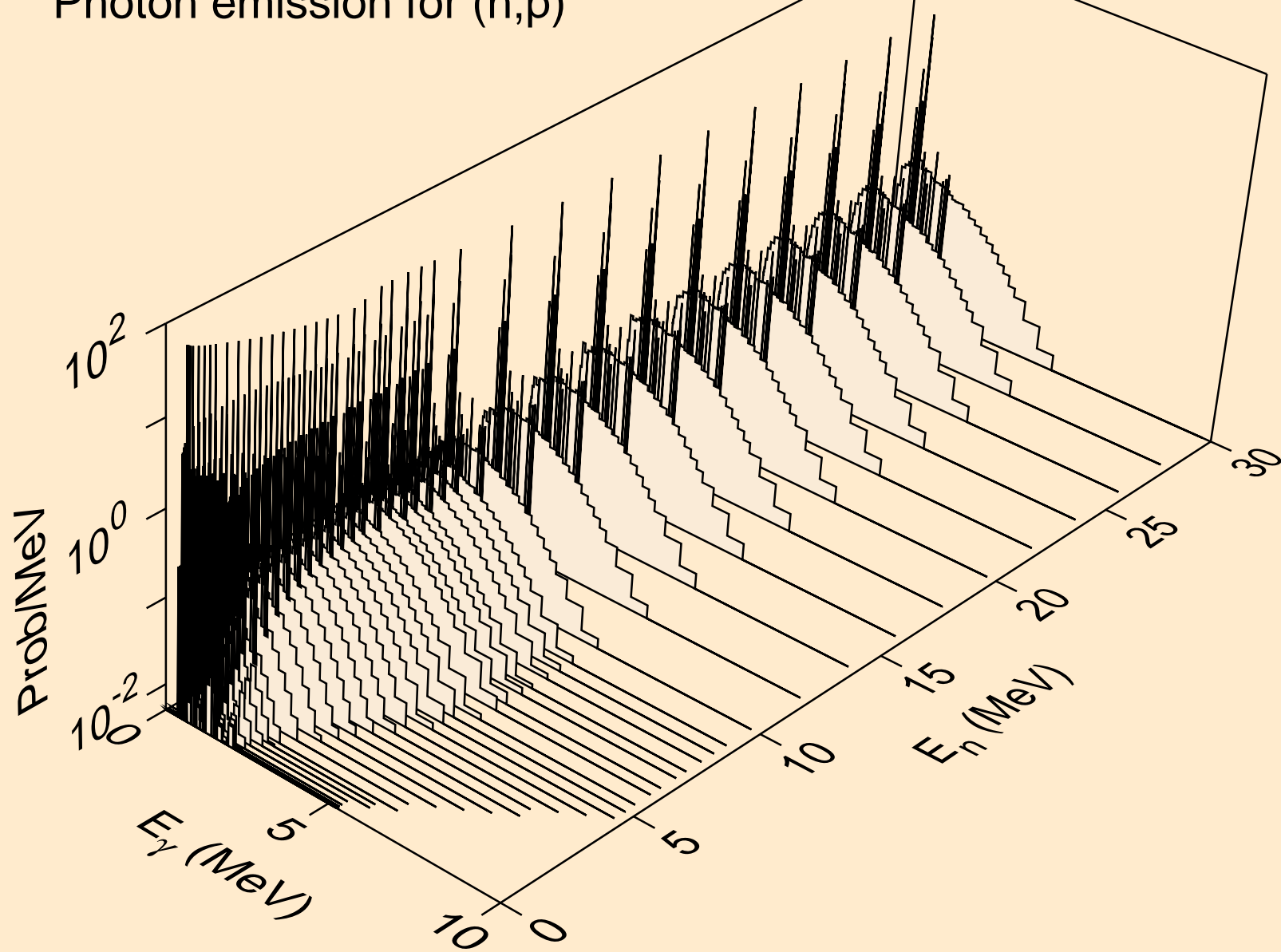
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



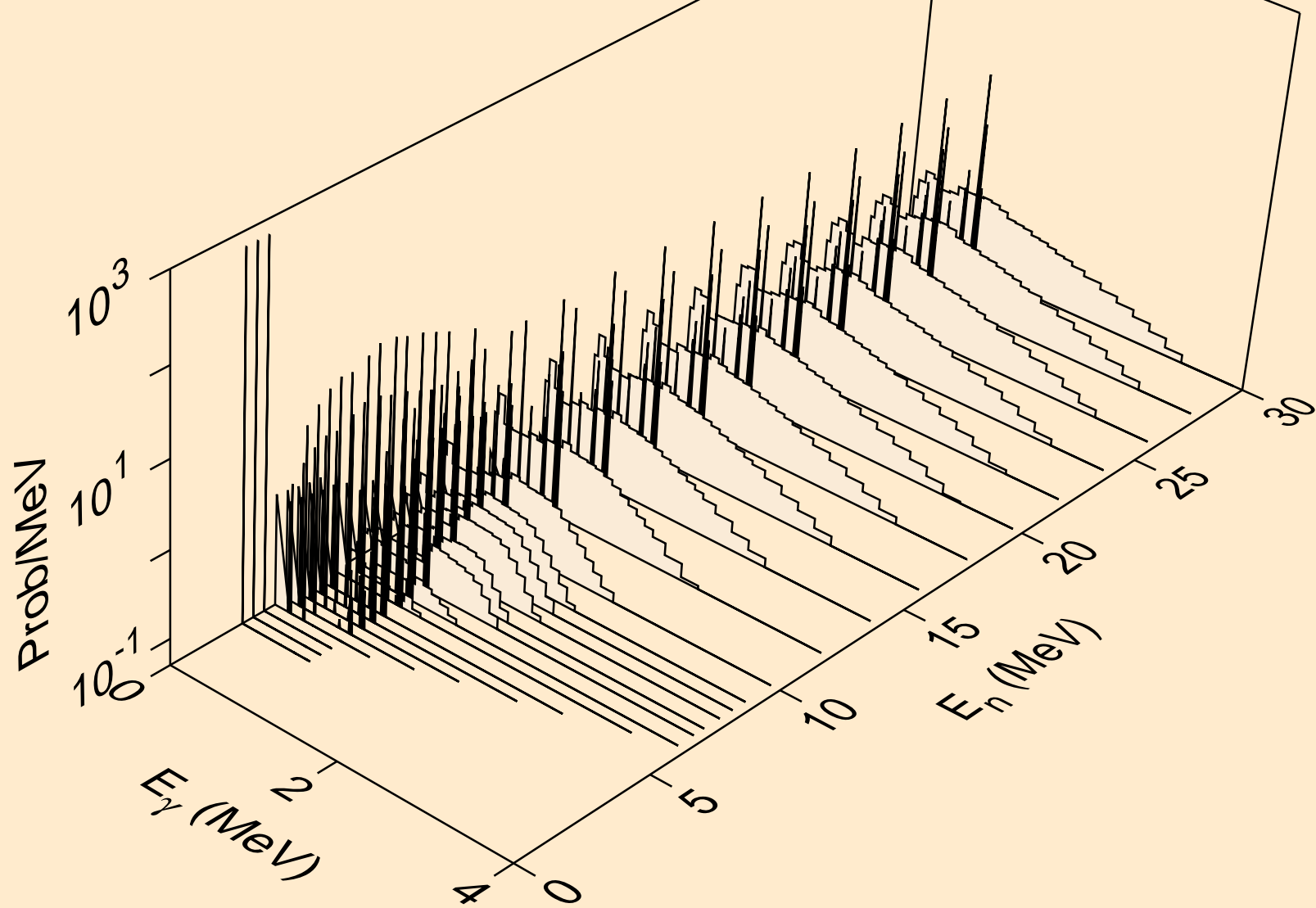
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



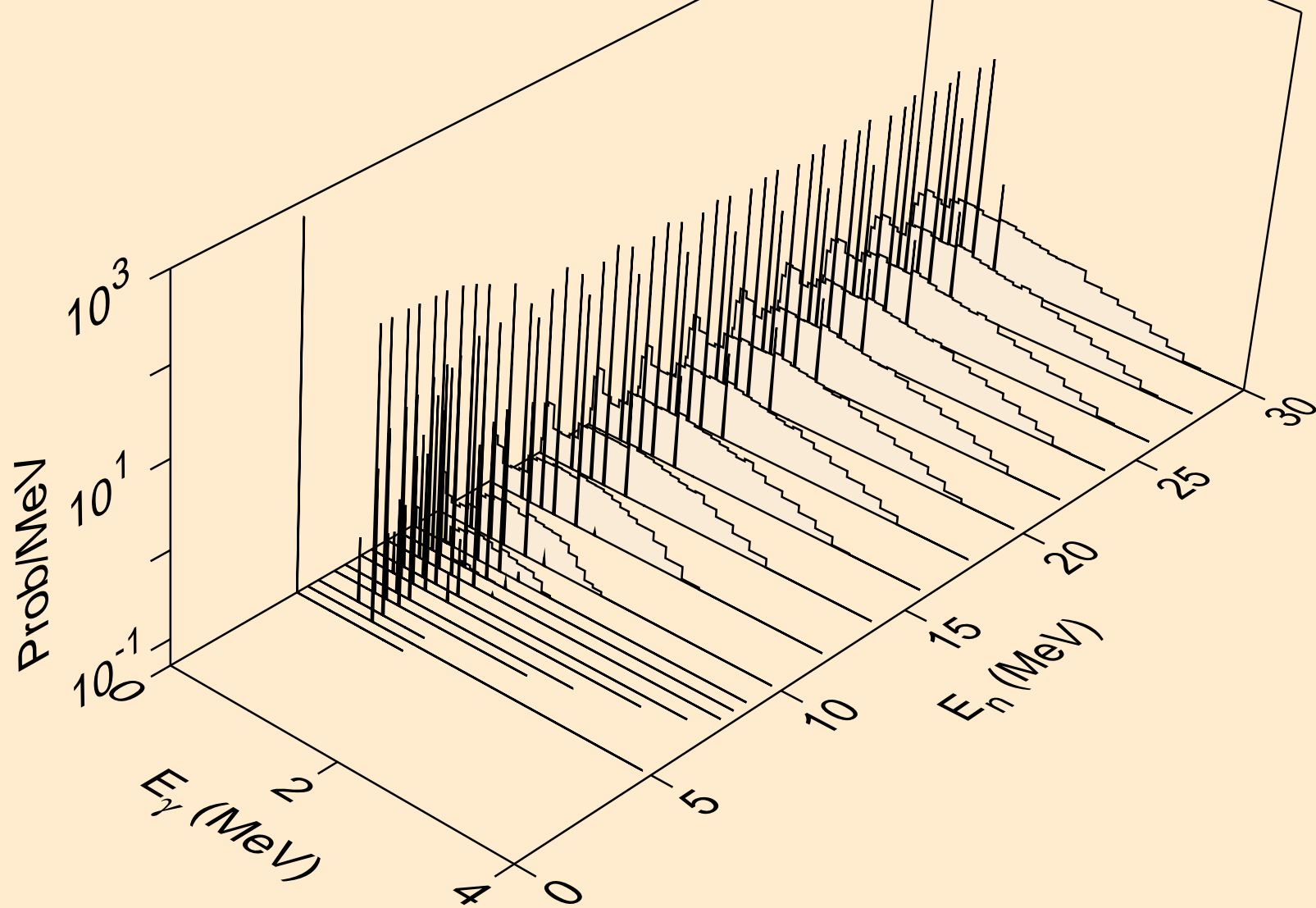
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

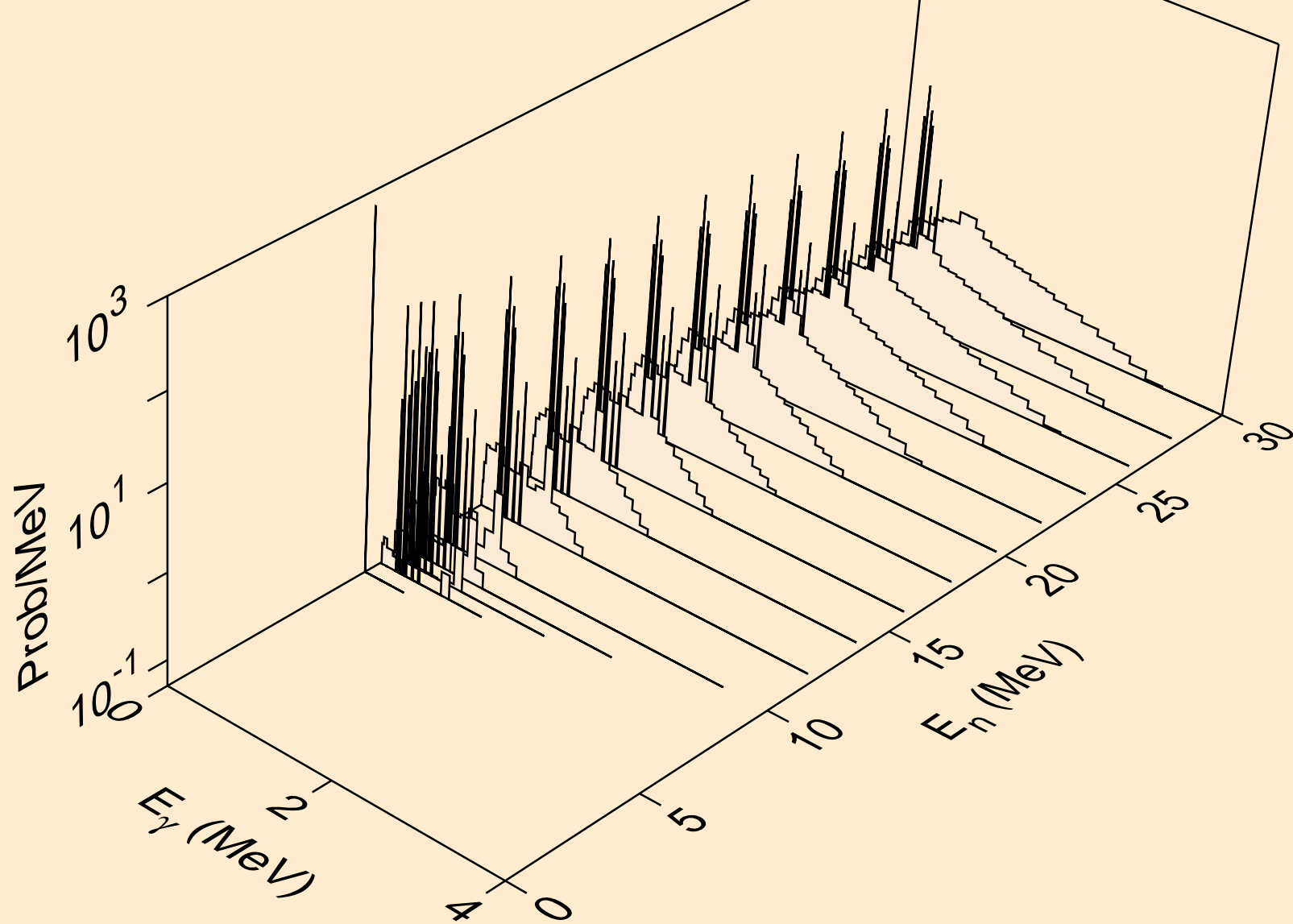


TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

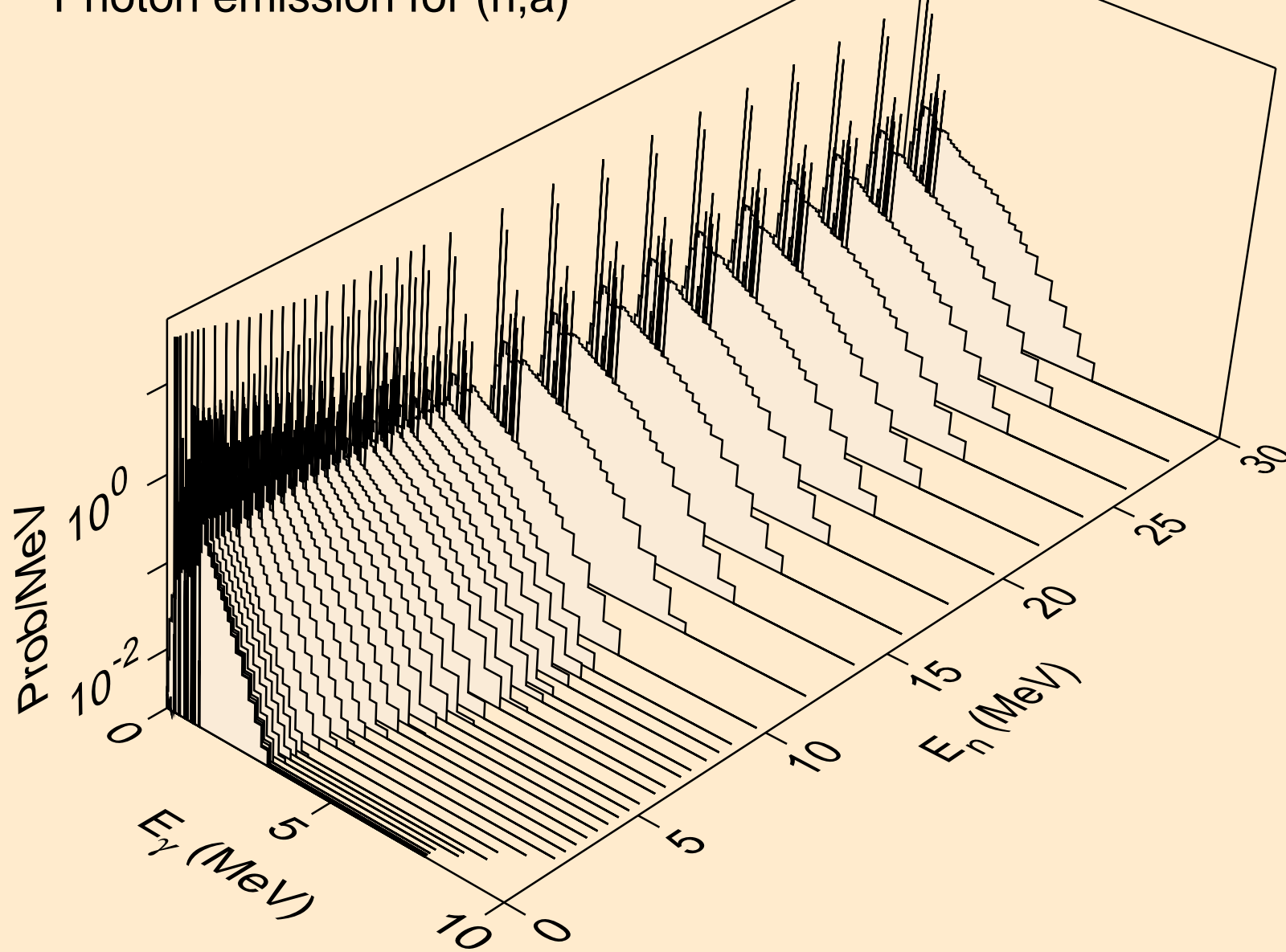




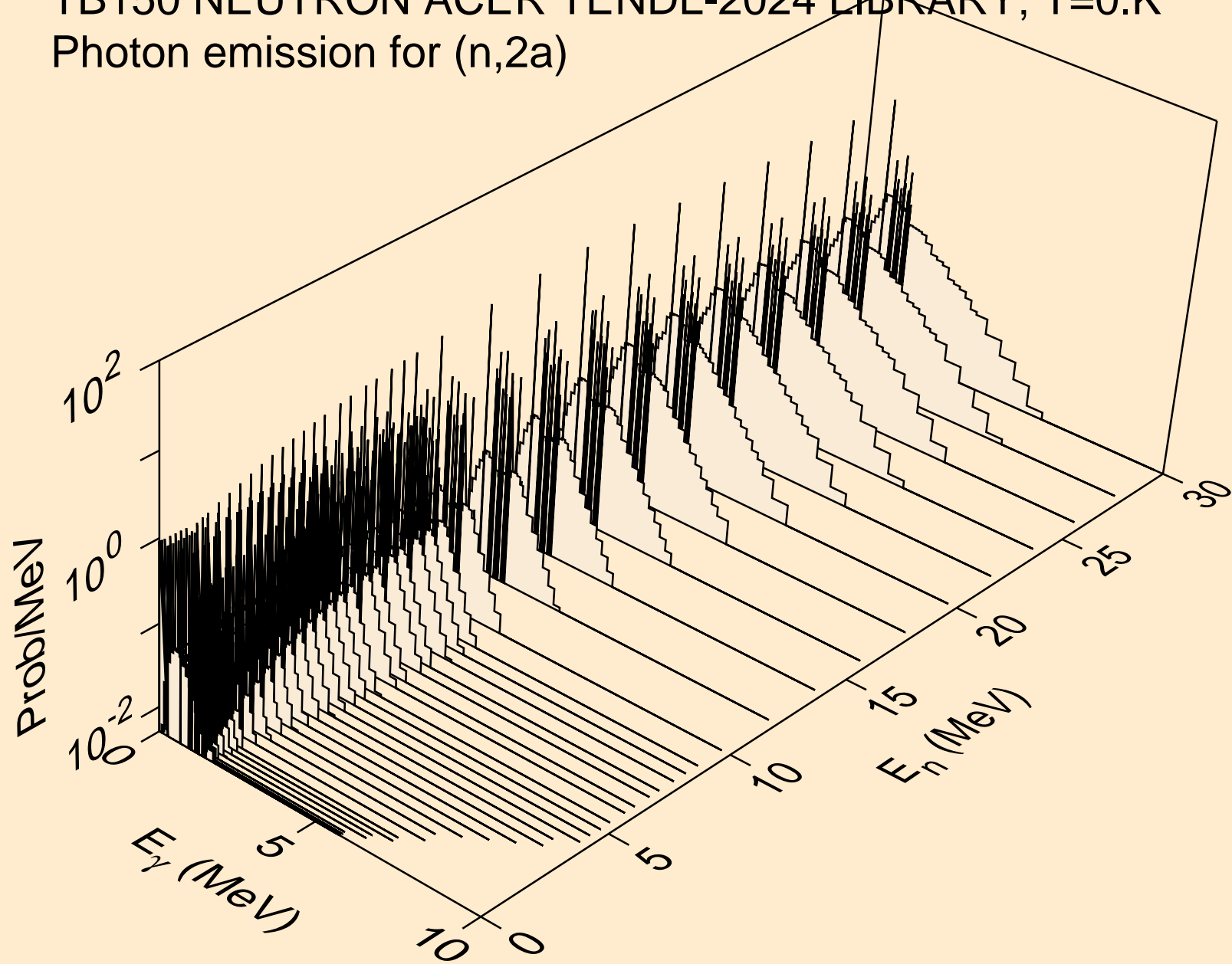
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



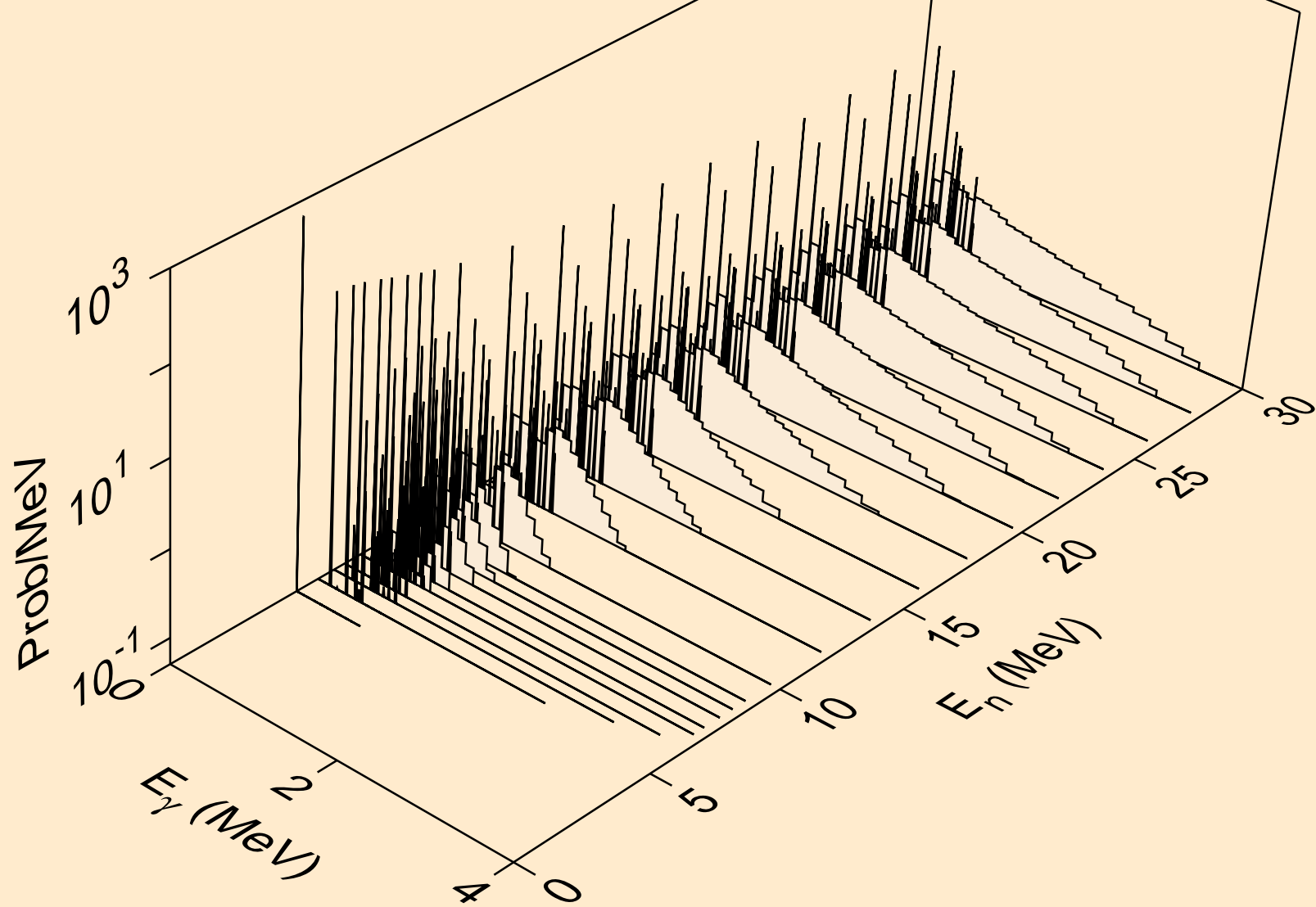
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



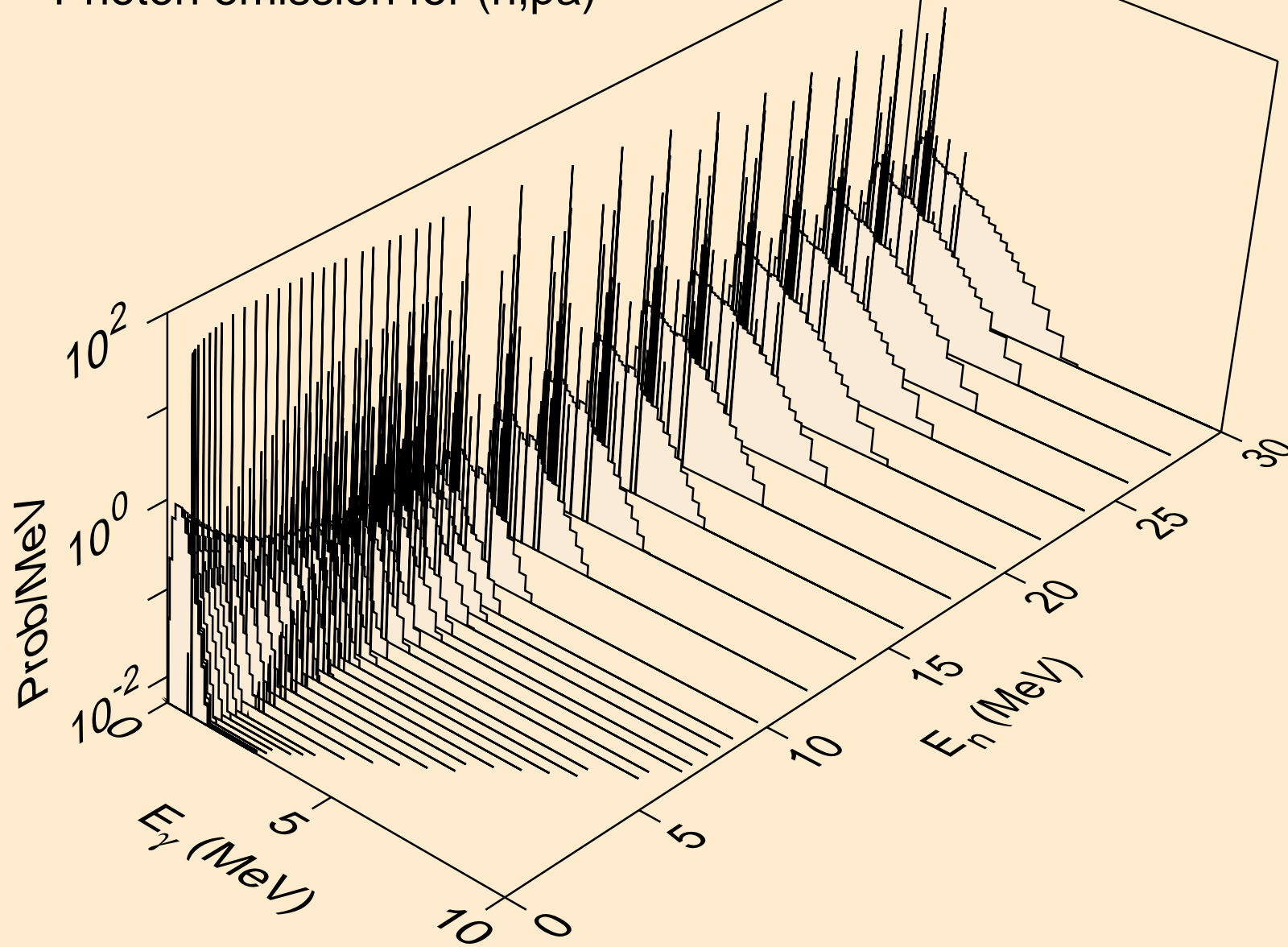
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



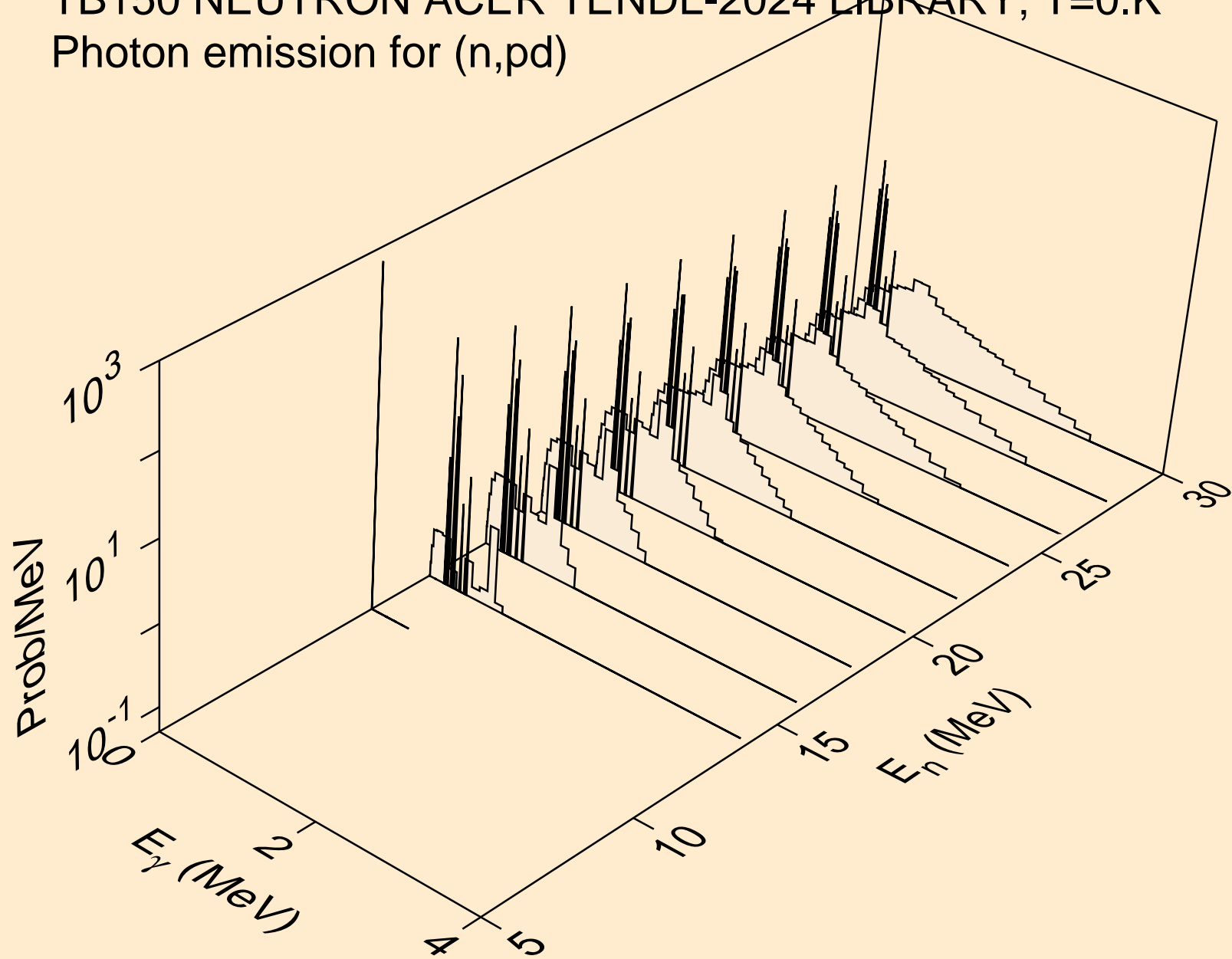
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



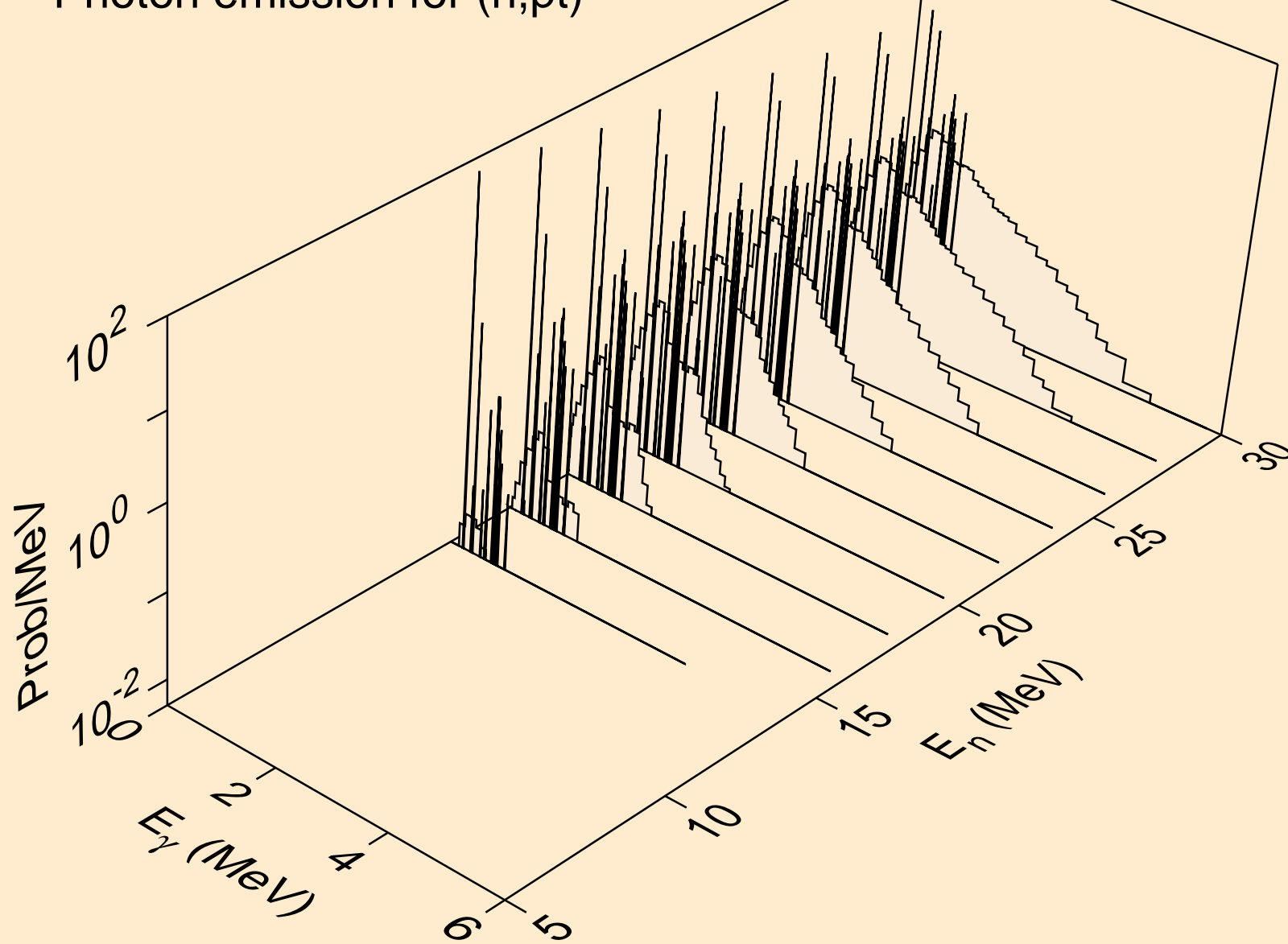
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



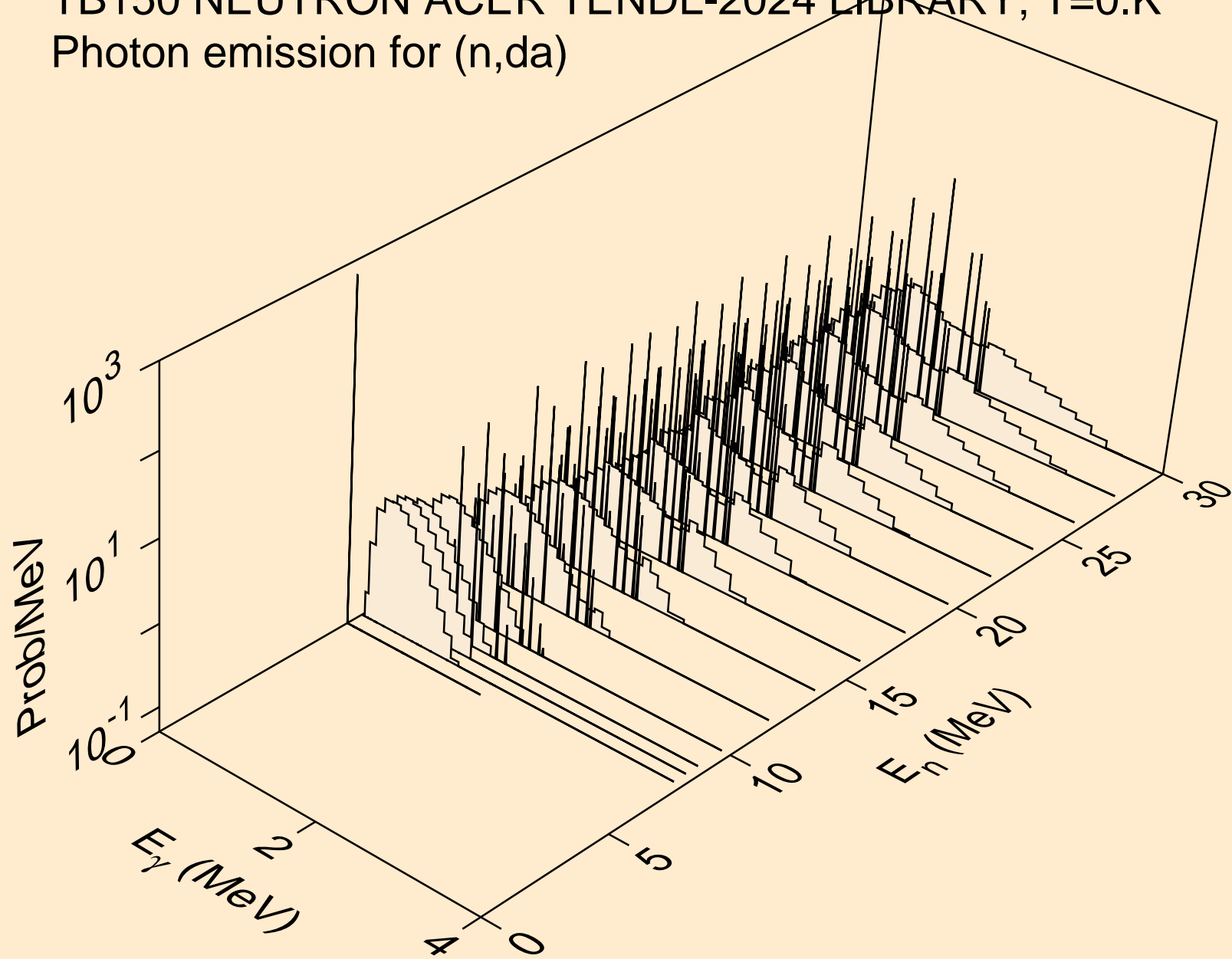
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

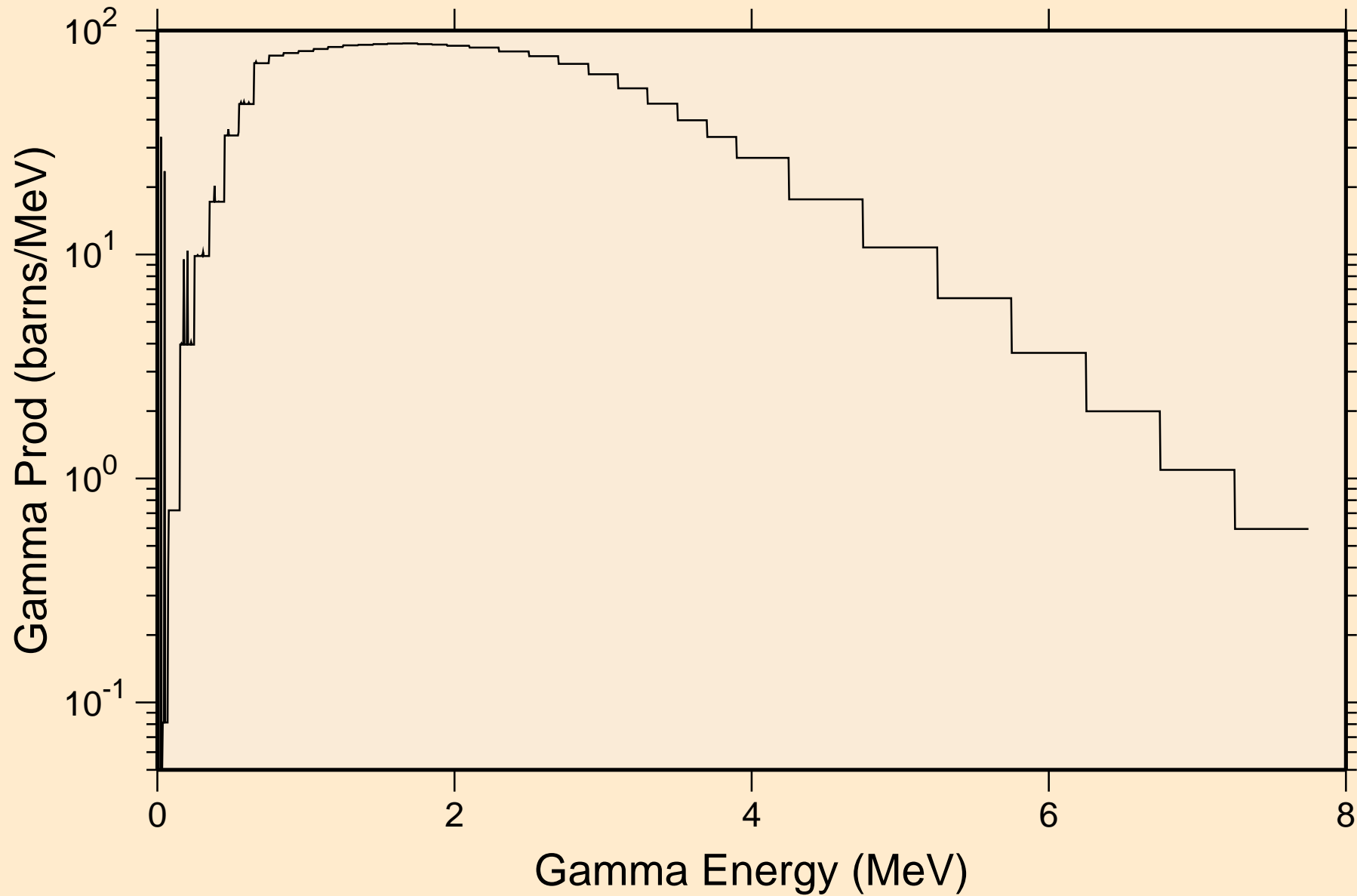


TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

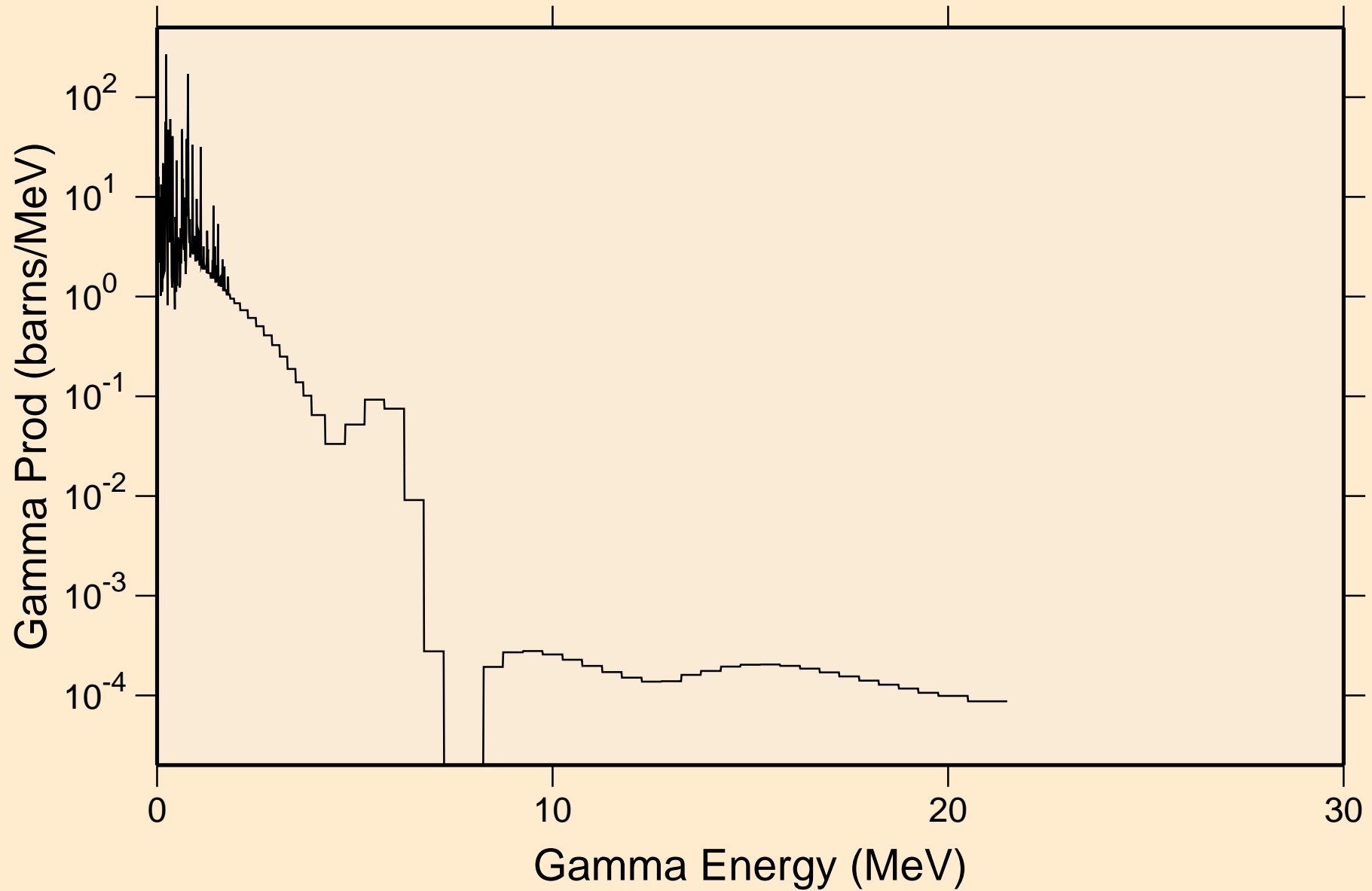




TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

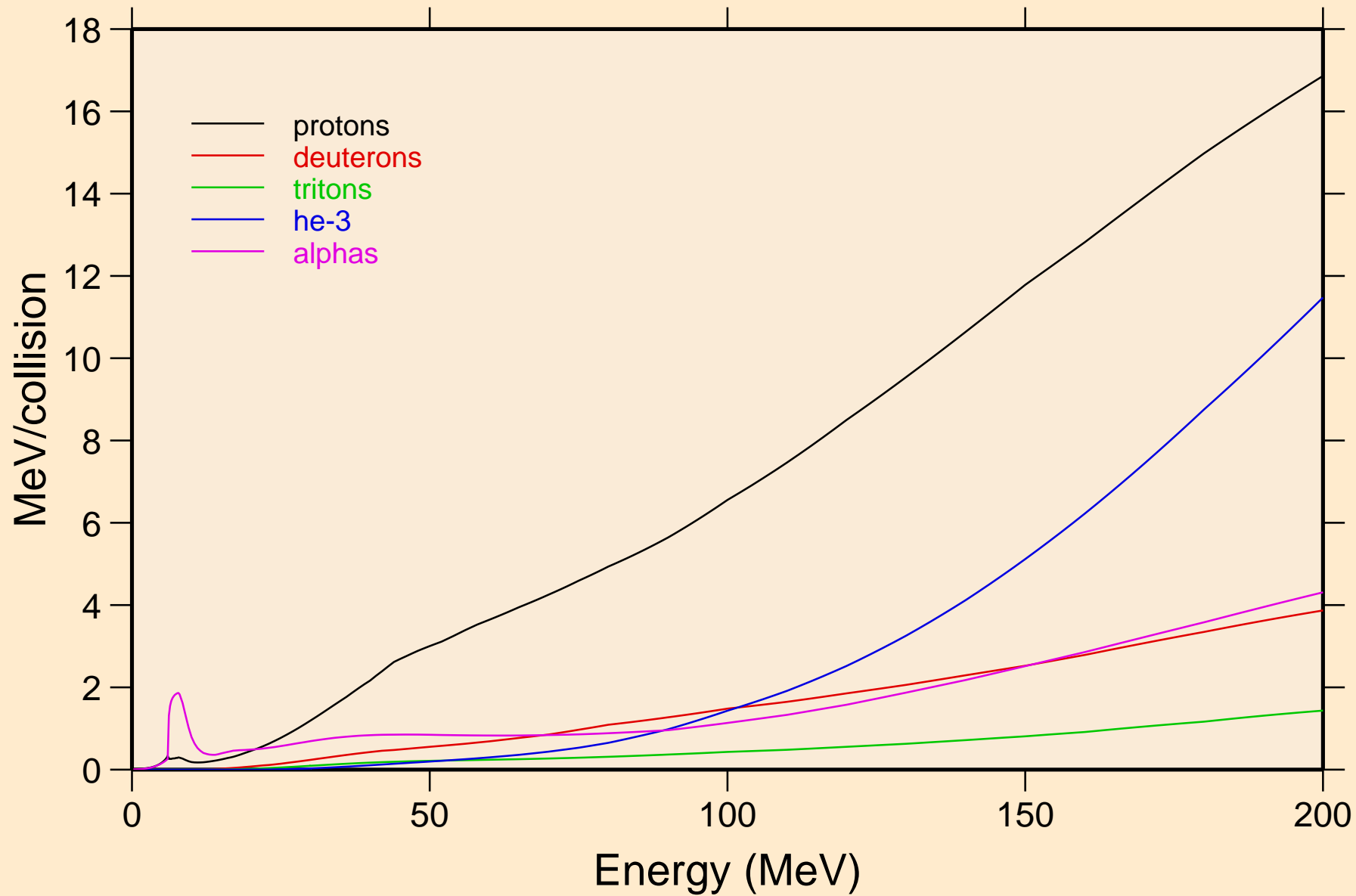


TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

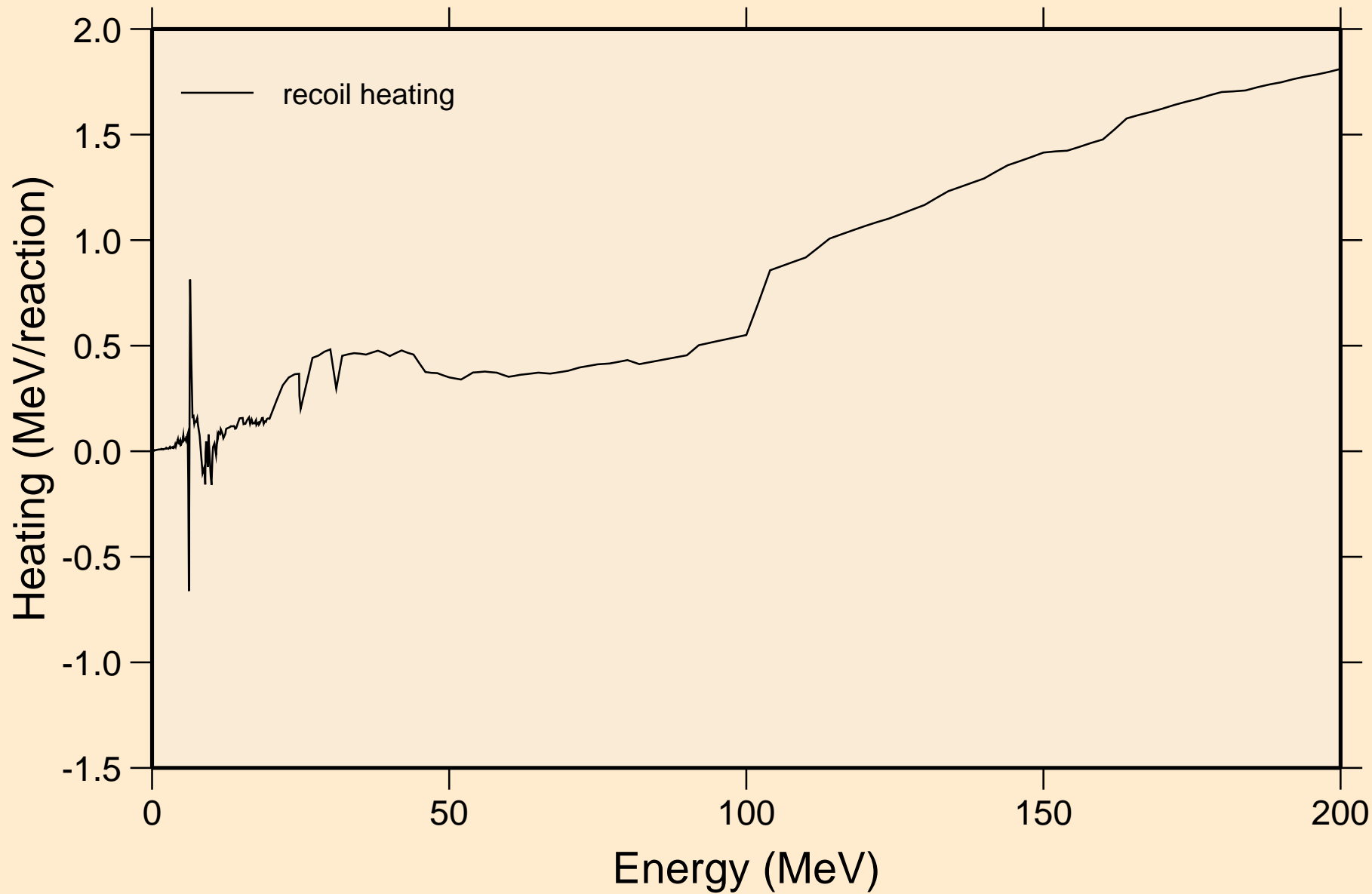


# TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

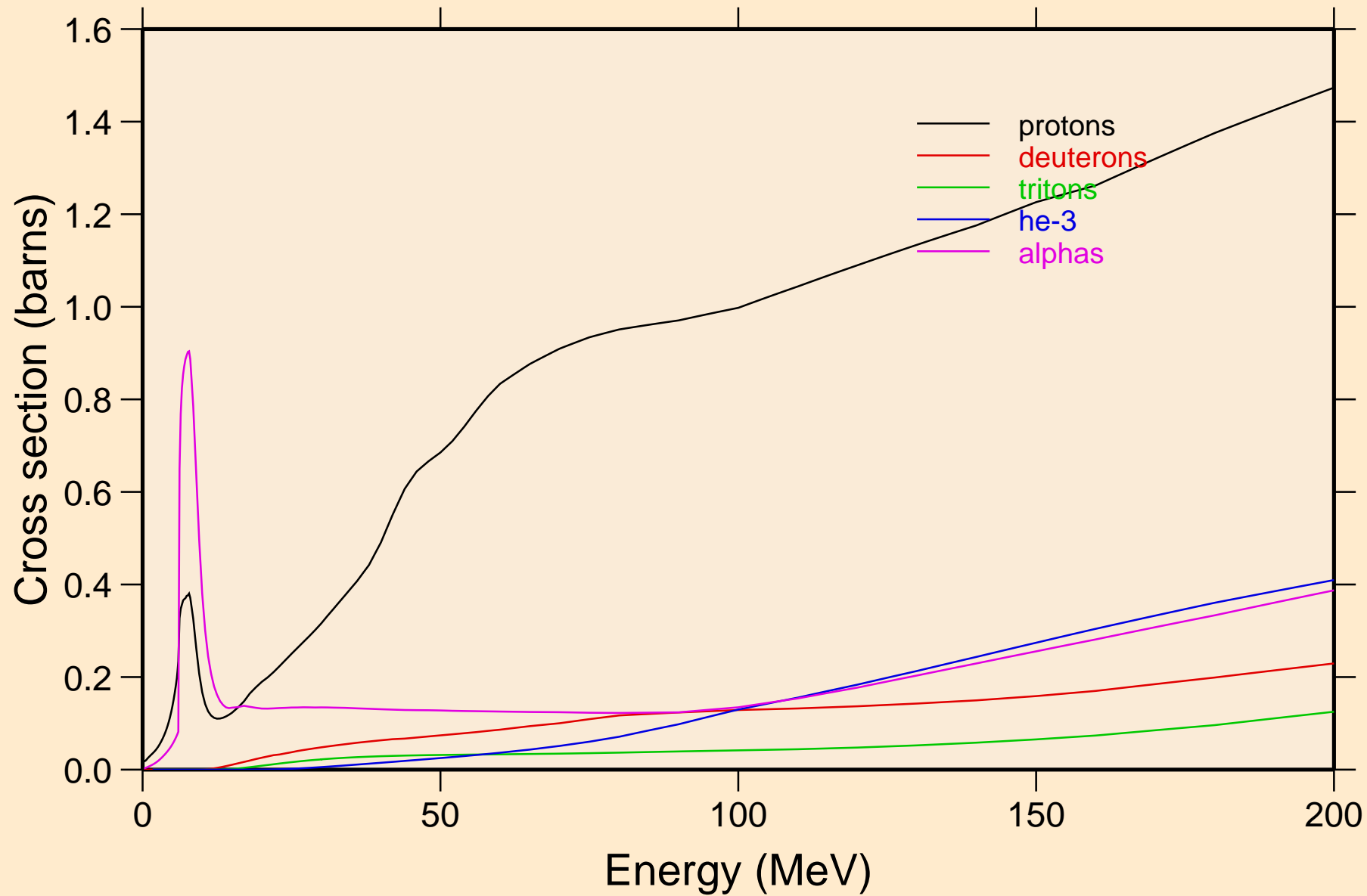


TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

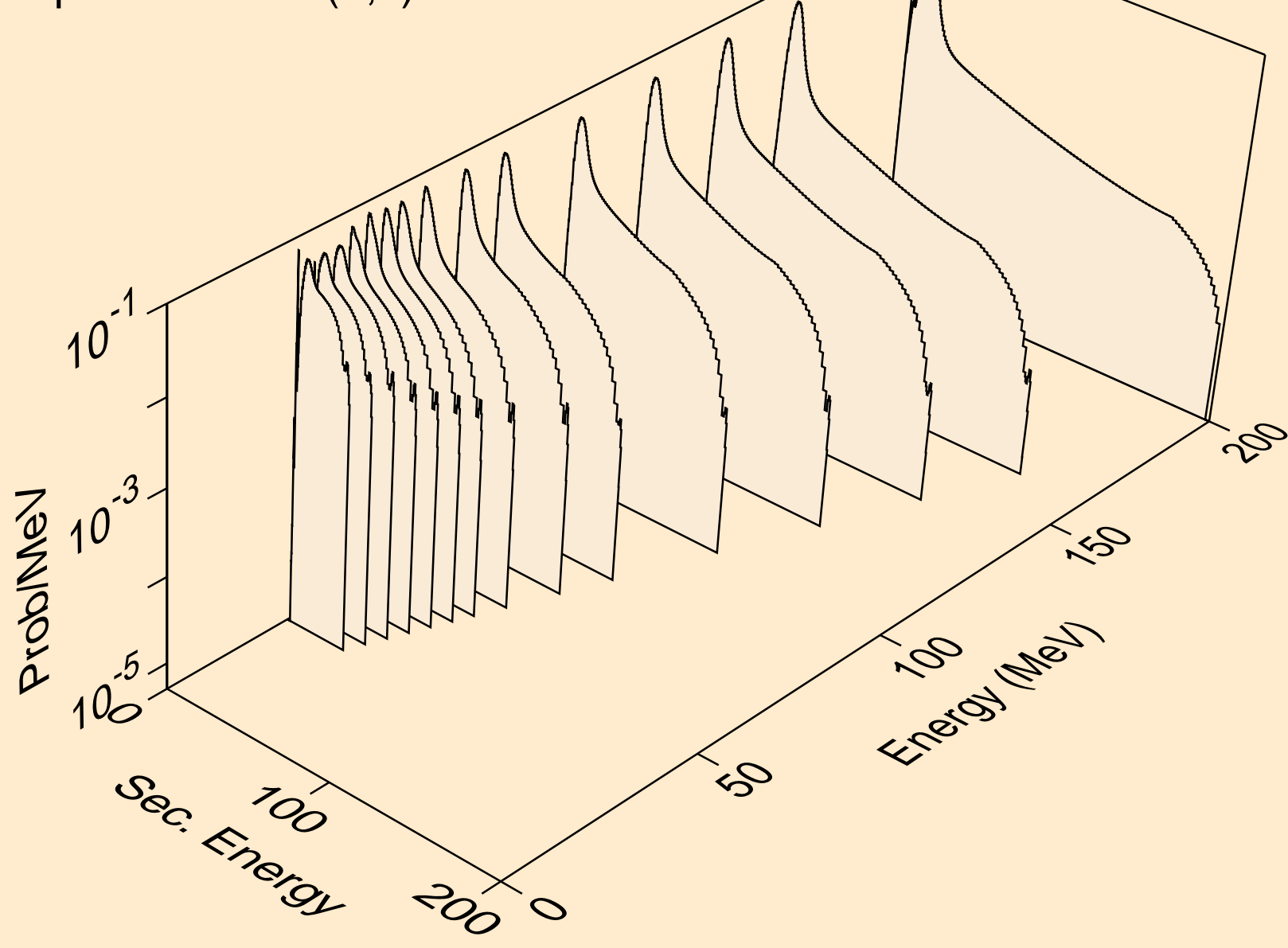


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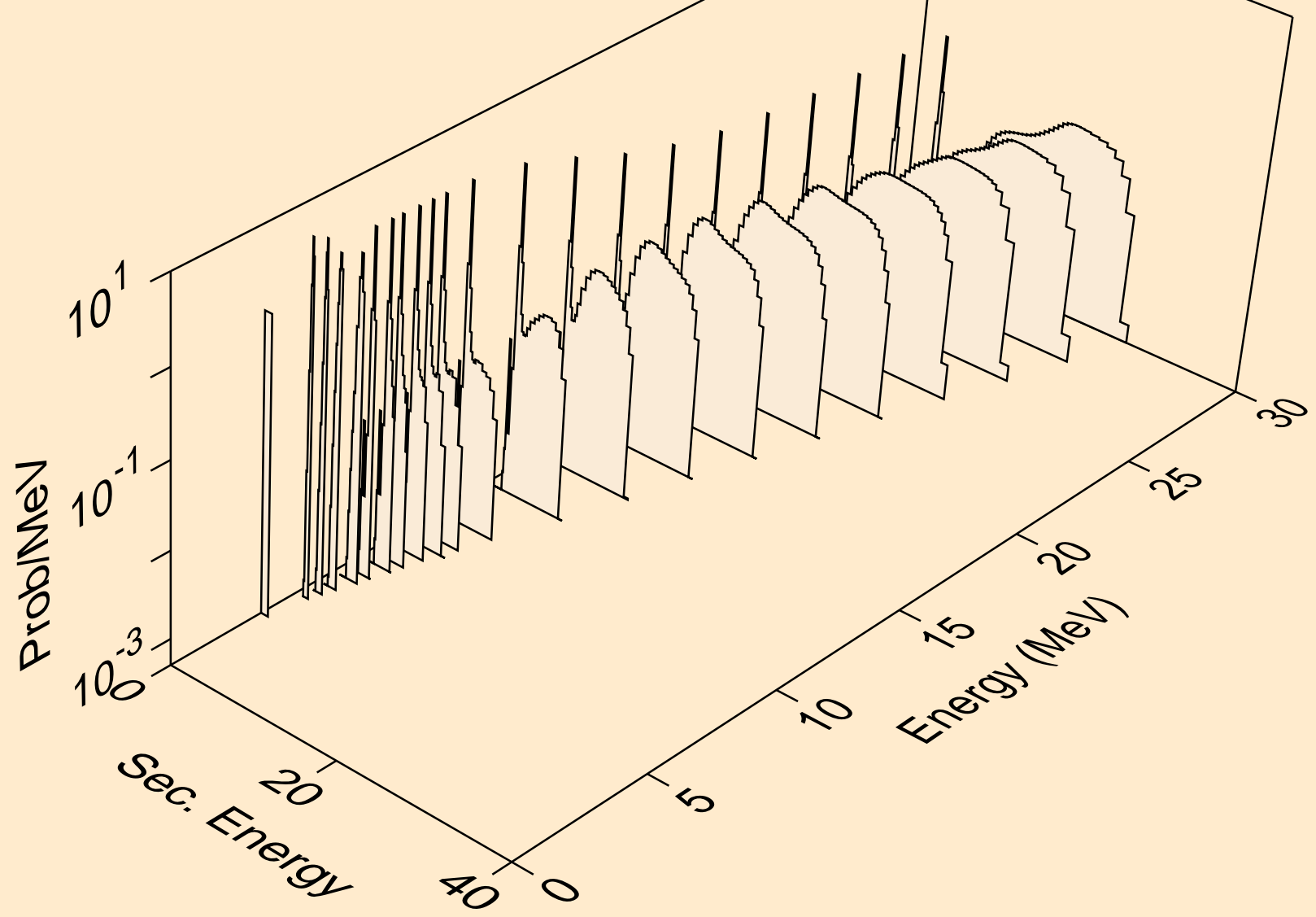
## Particle production cross sections



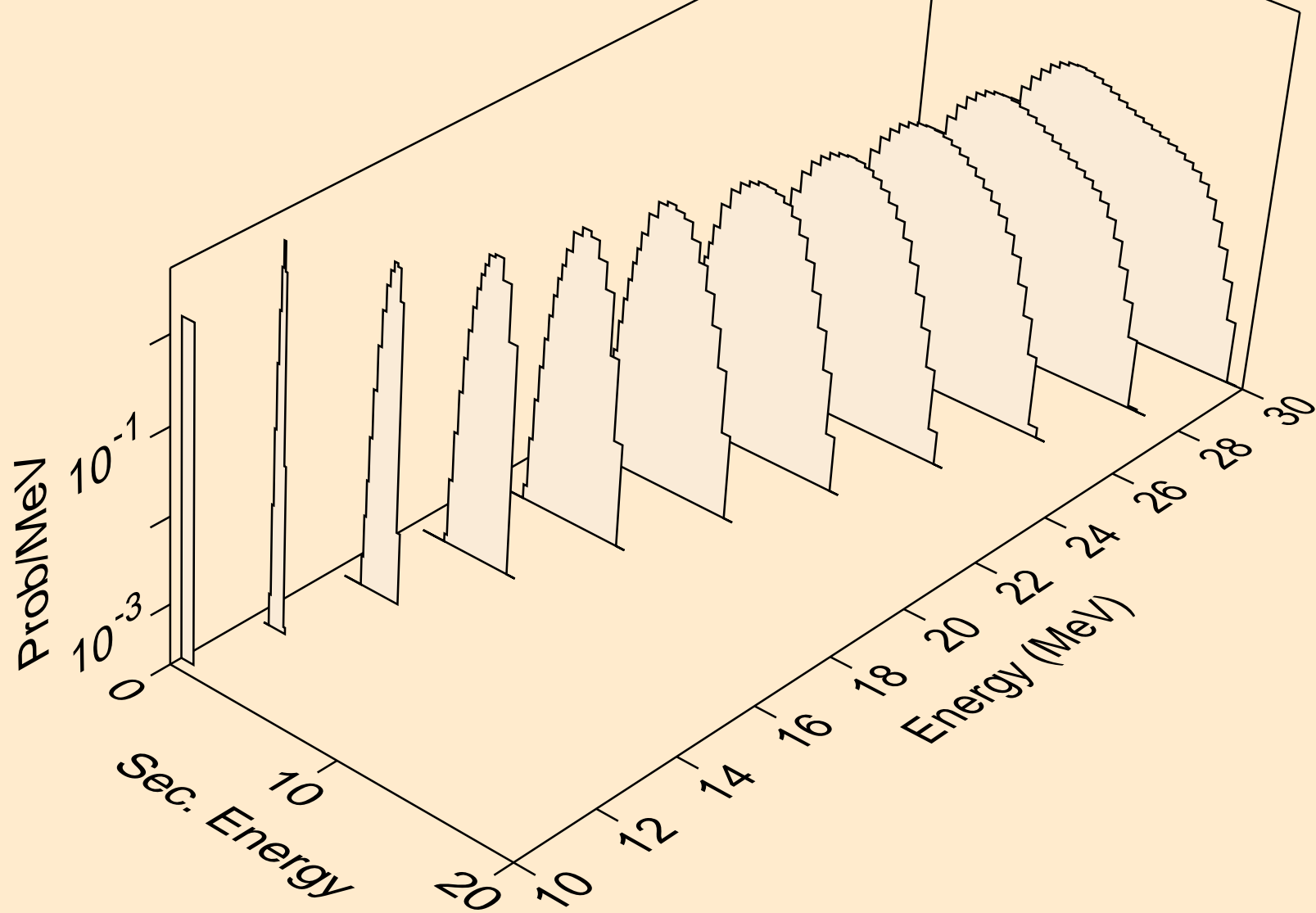
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

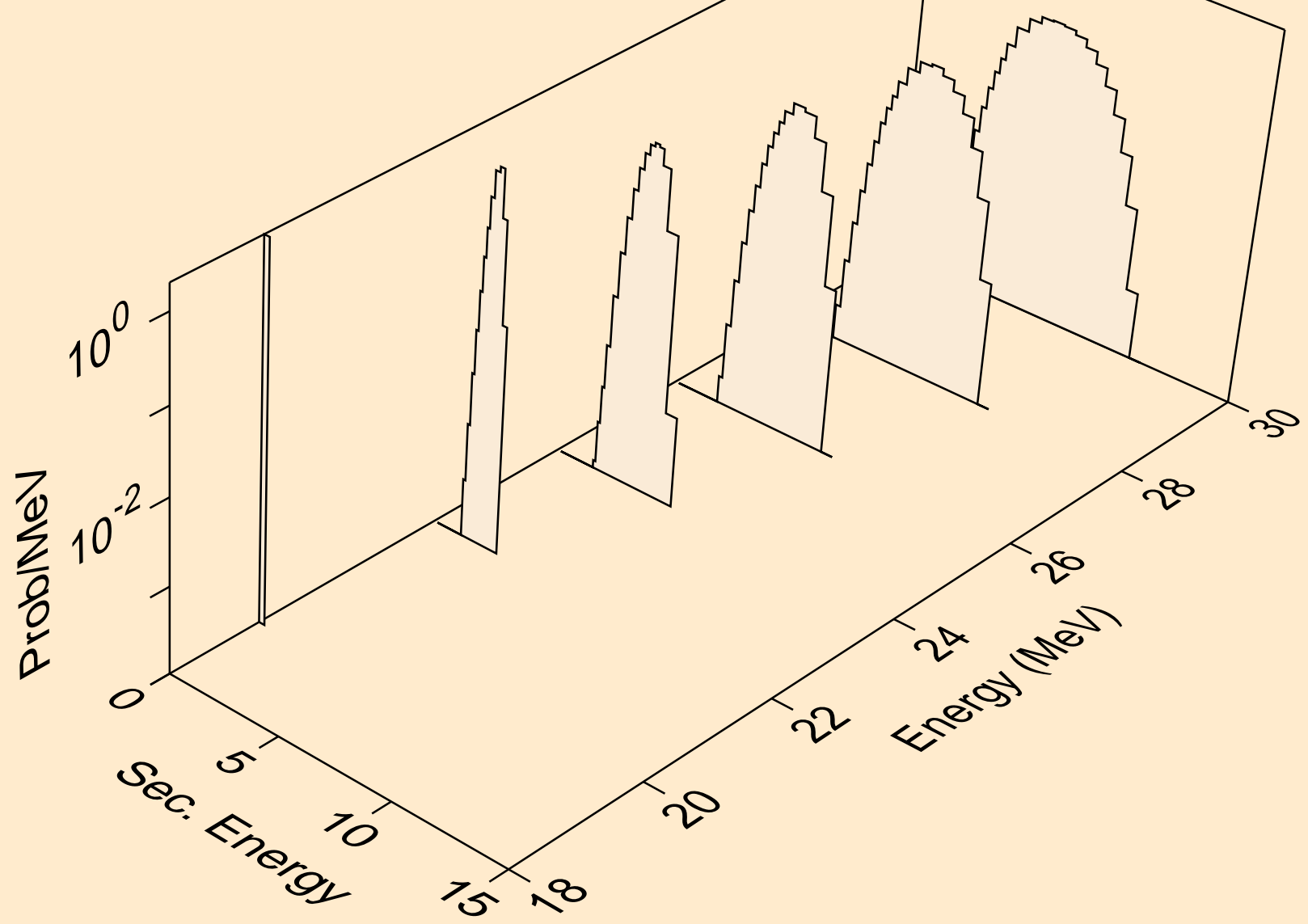


TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

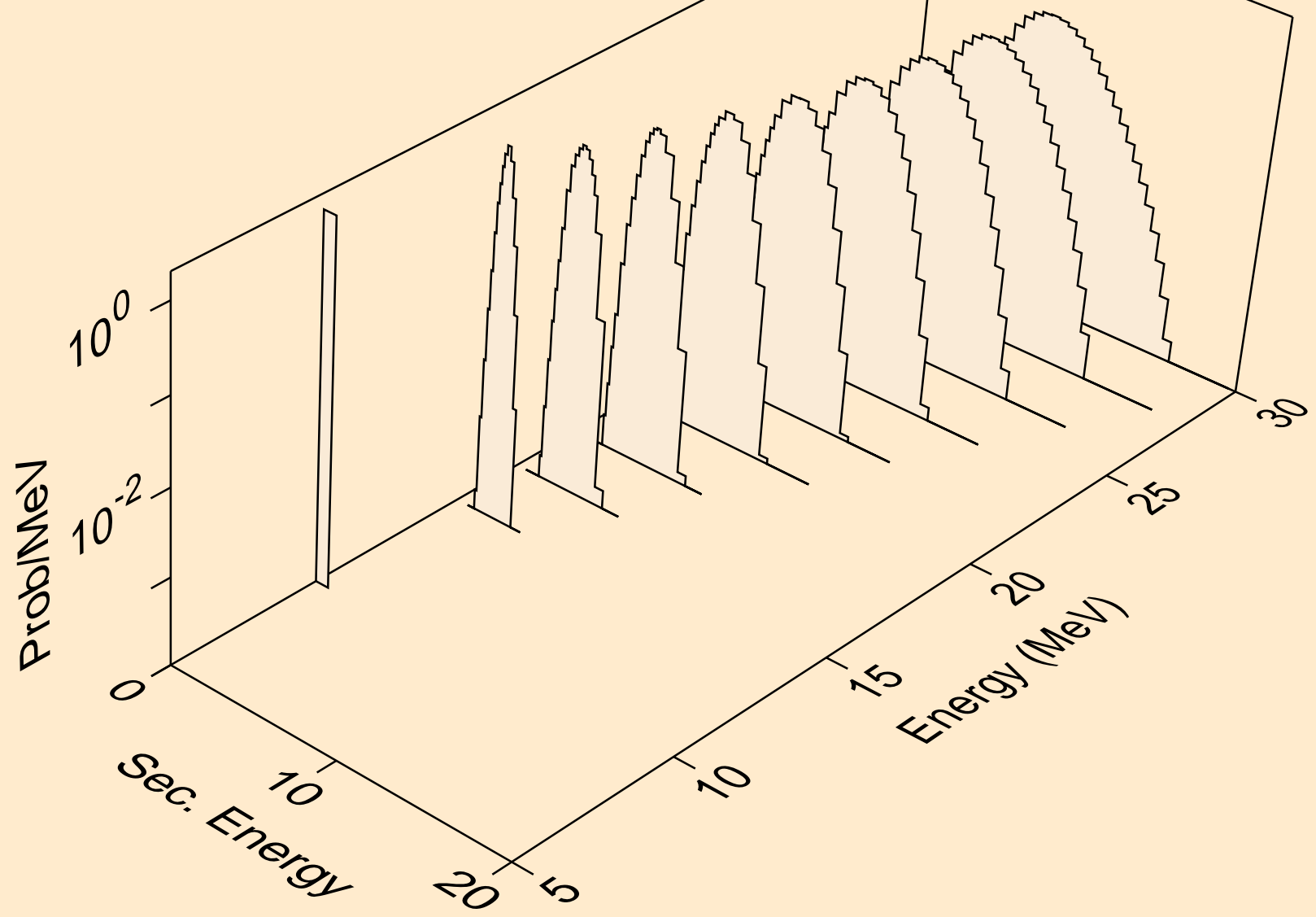




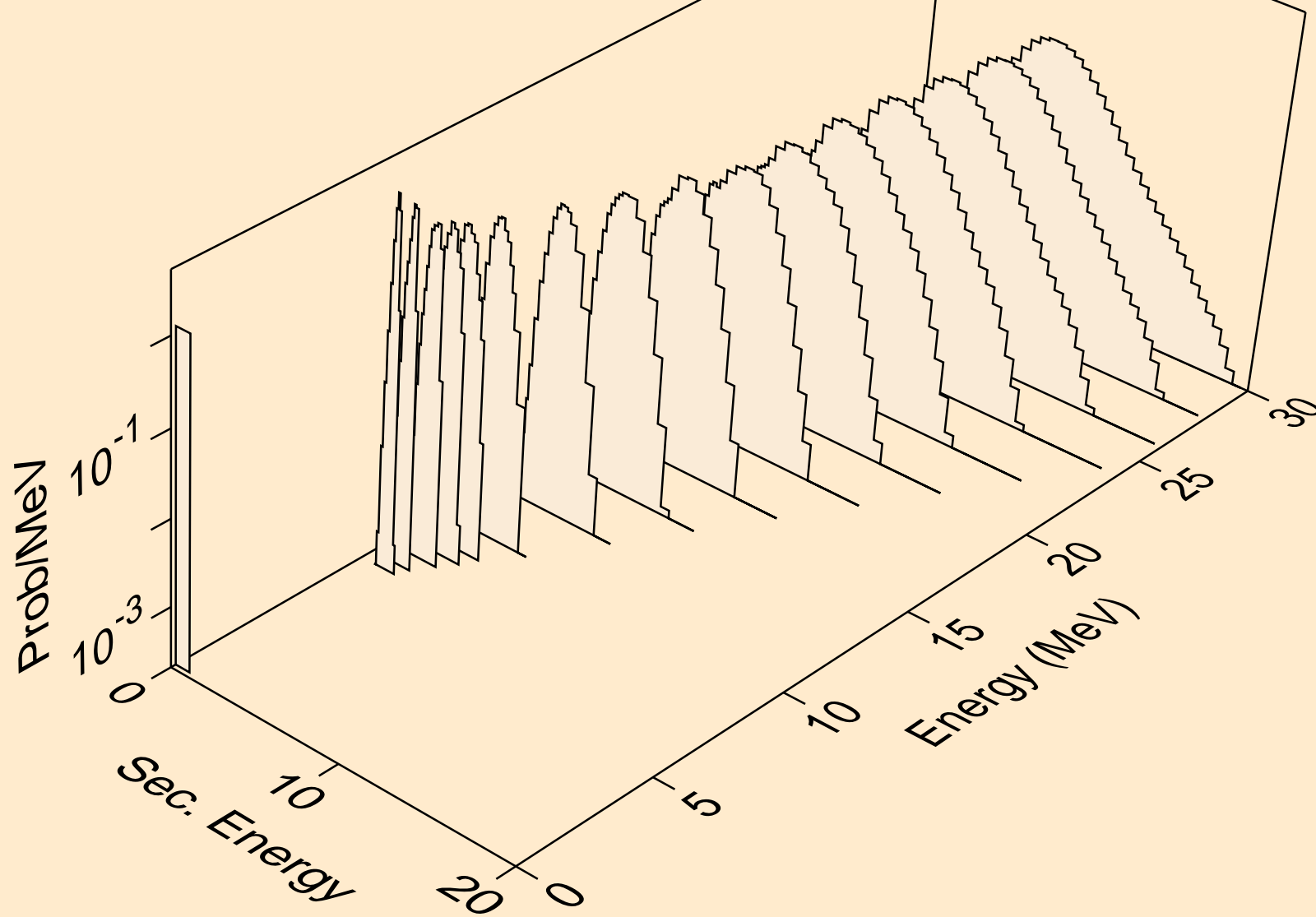
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



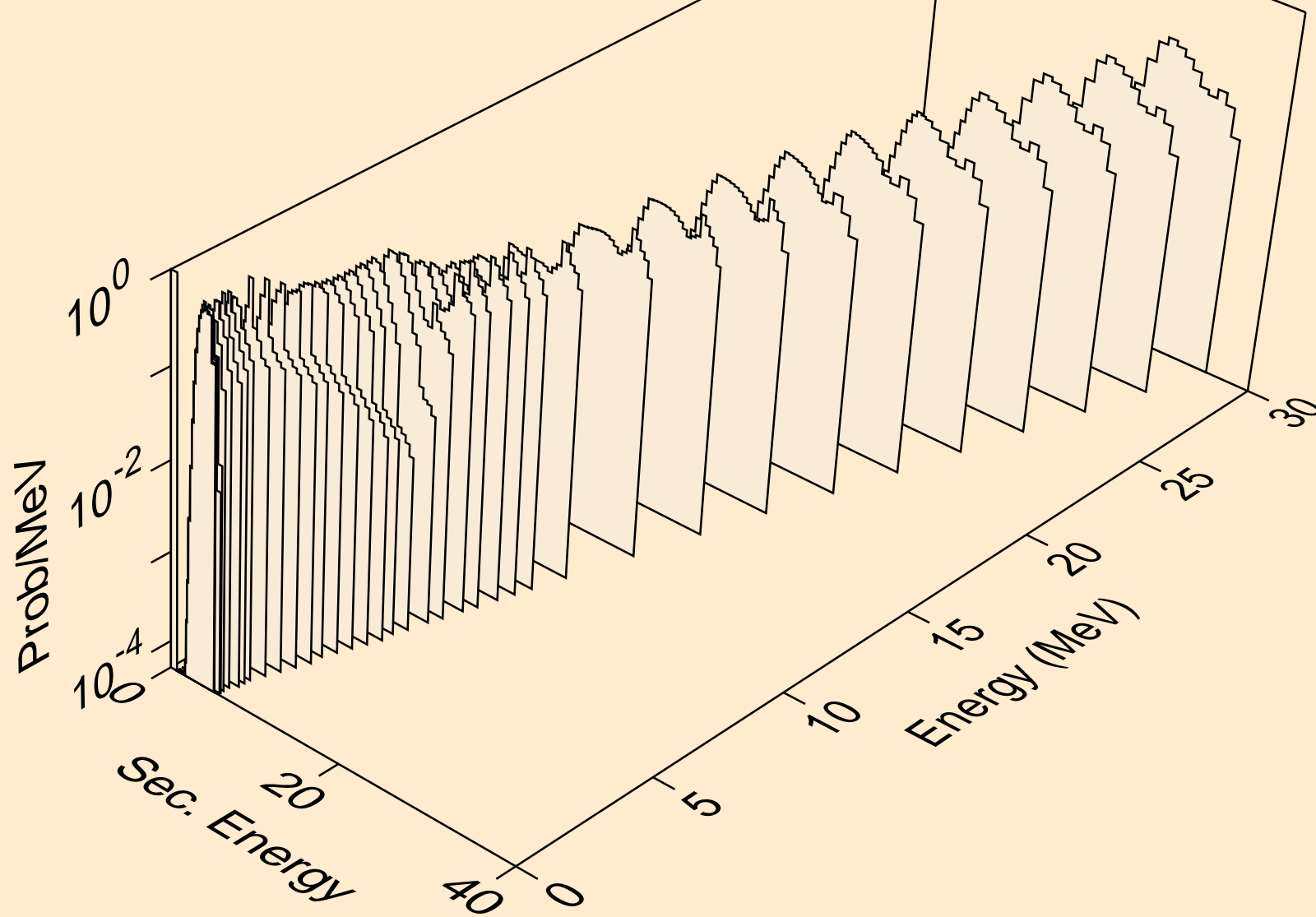
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



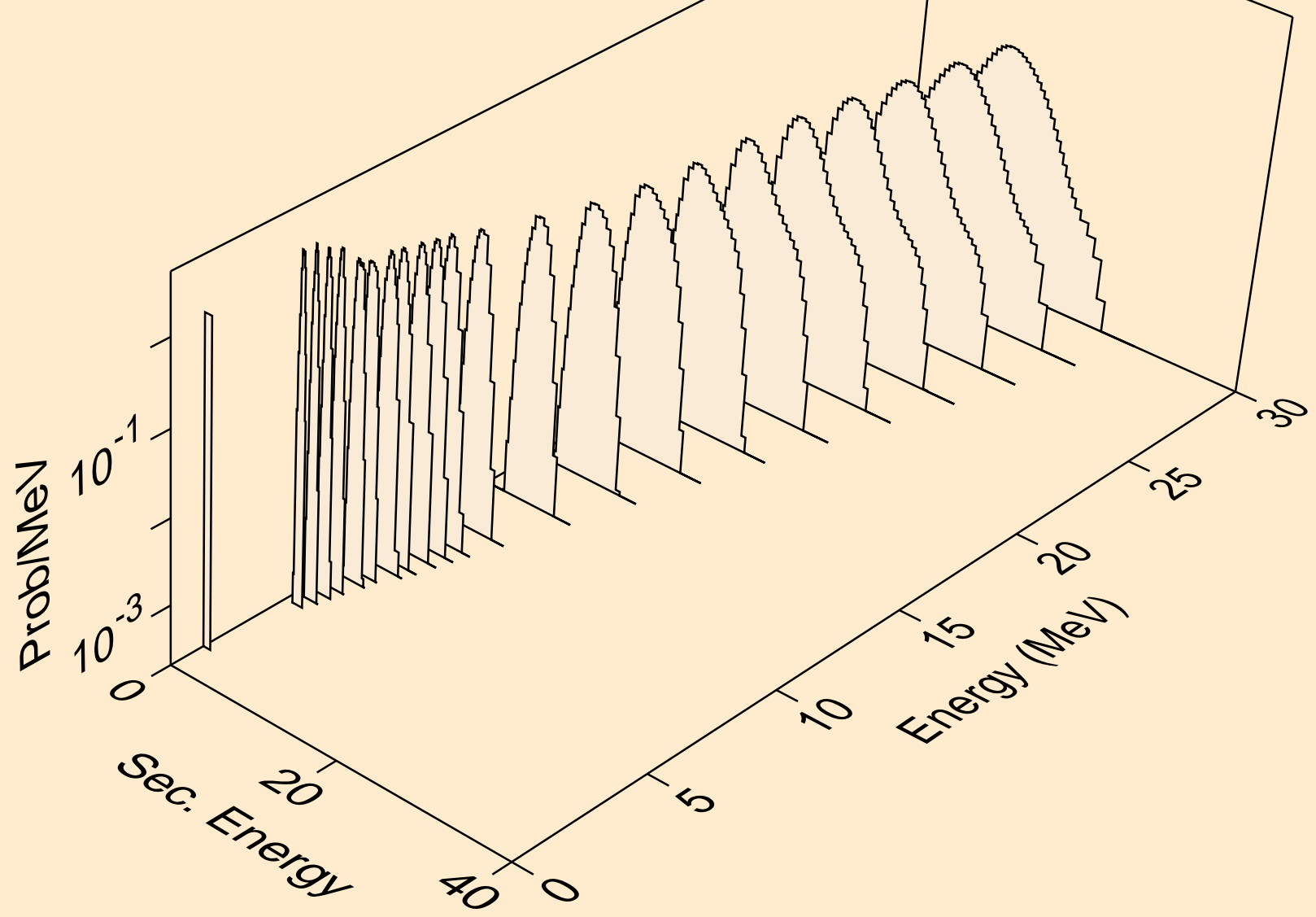
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



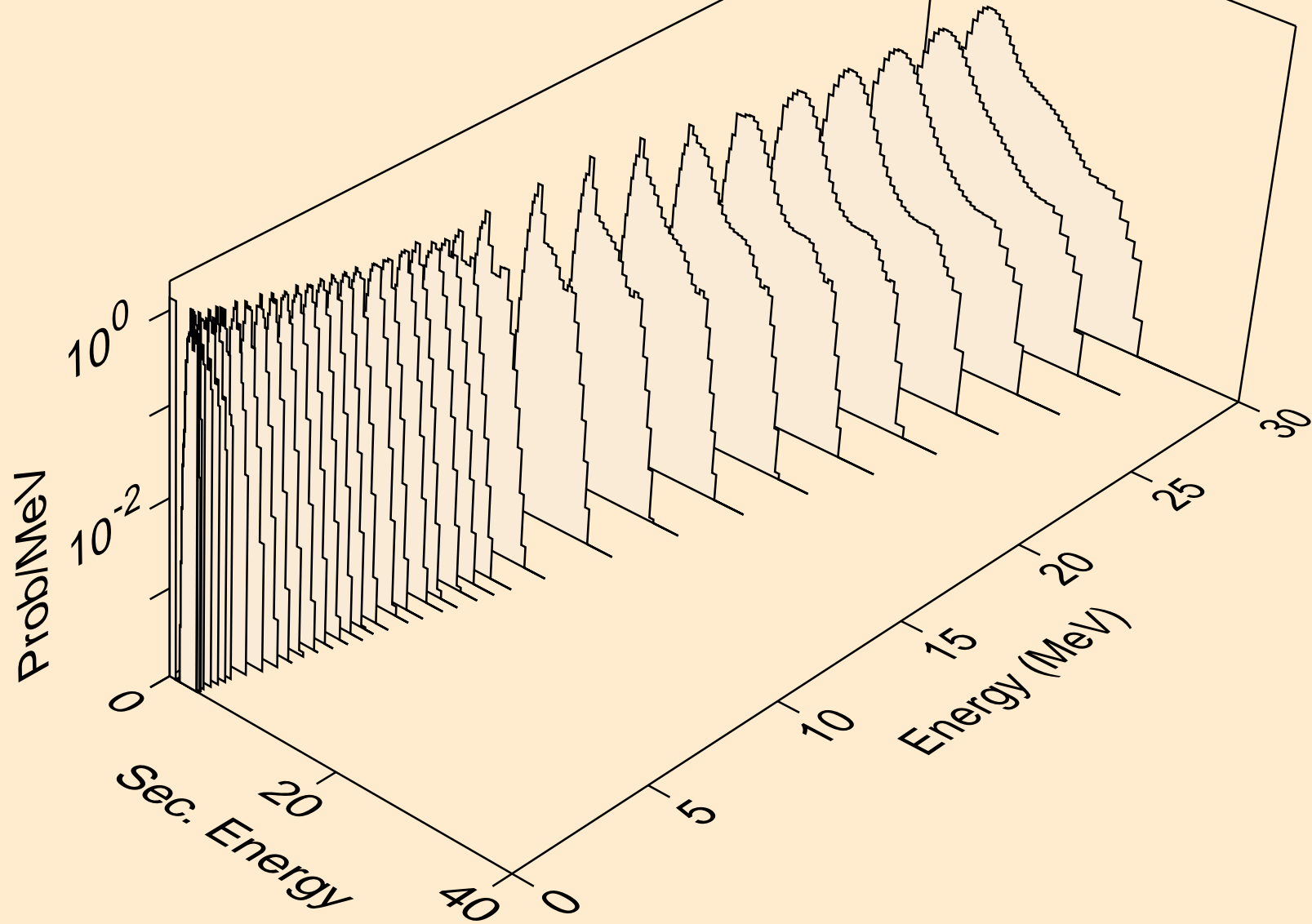
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protons from (n,p)



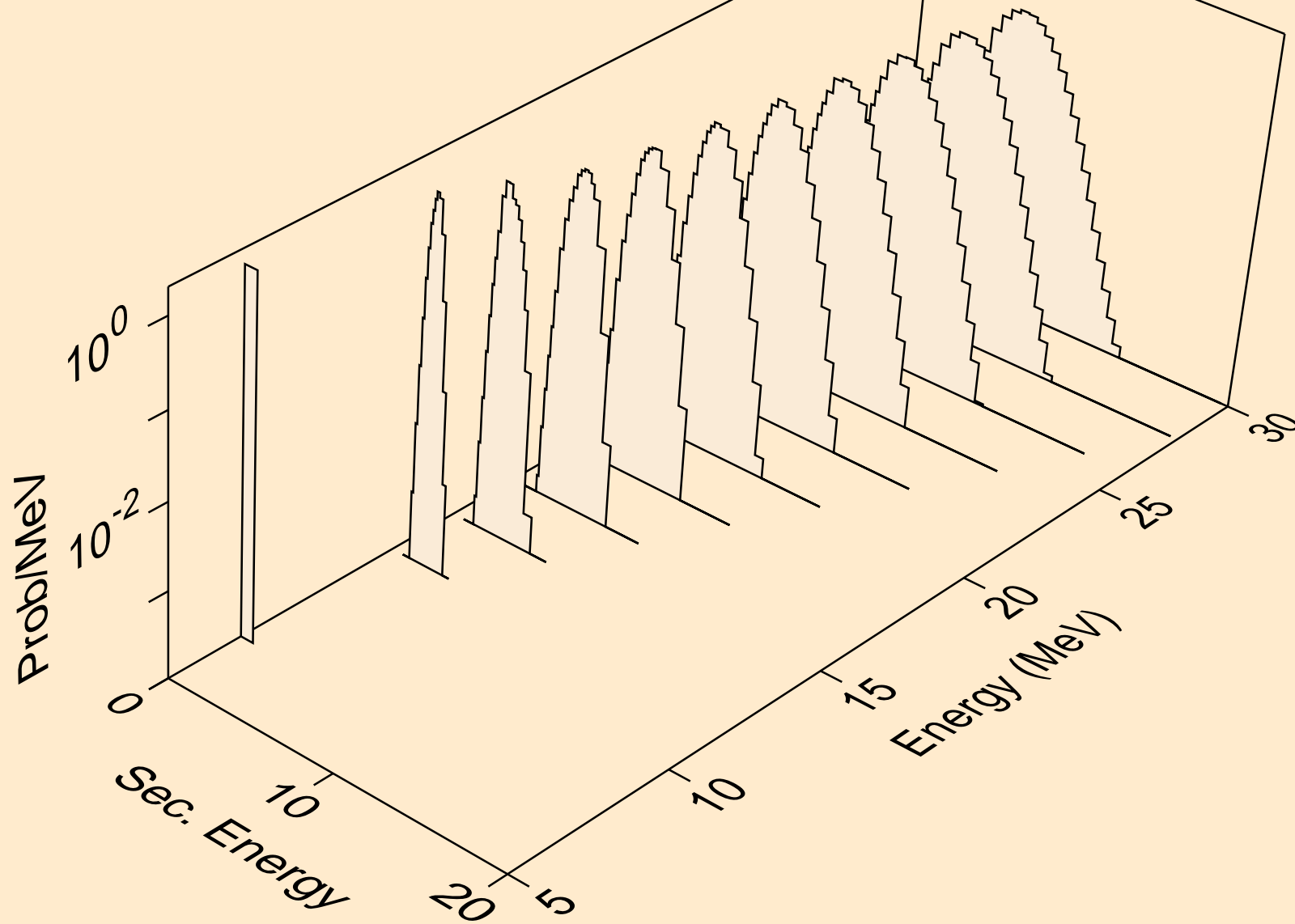
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protons from (n,2p)



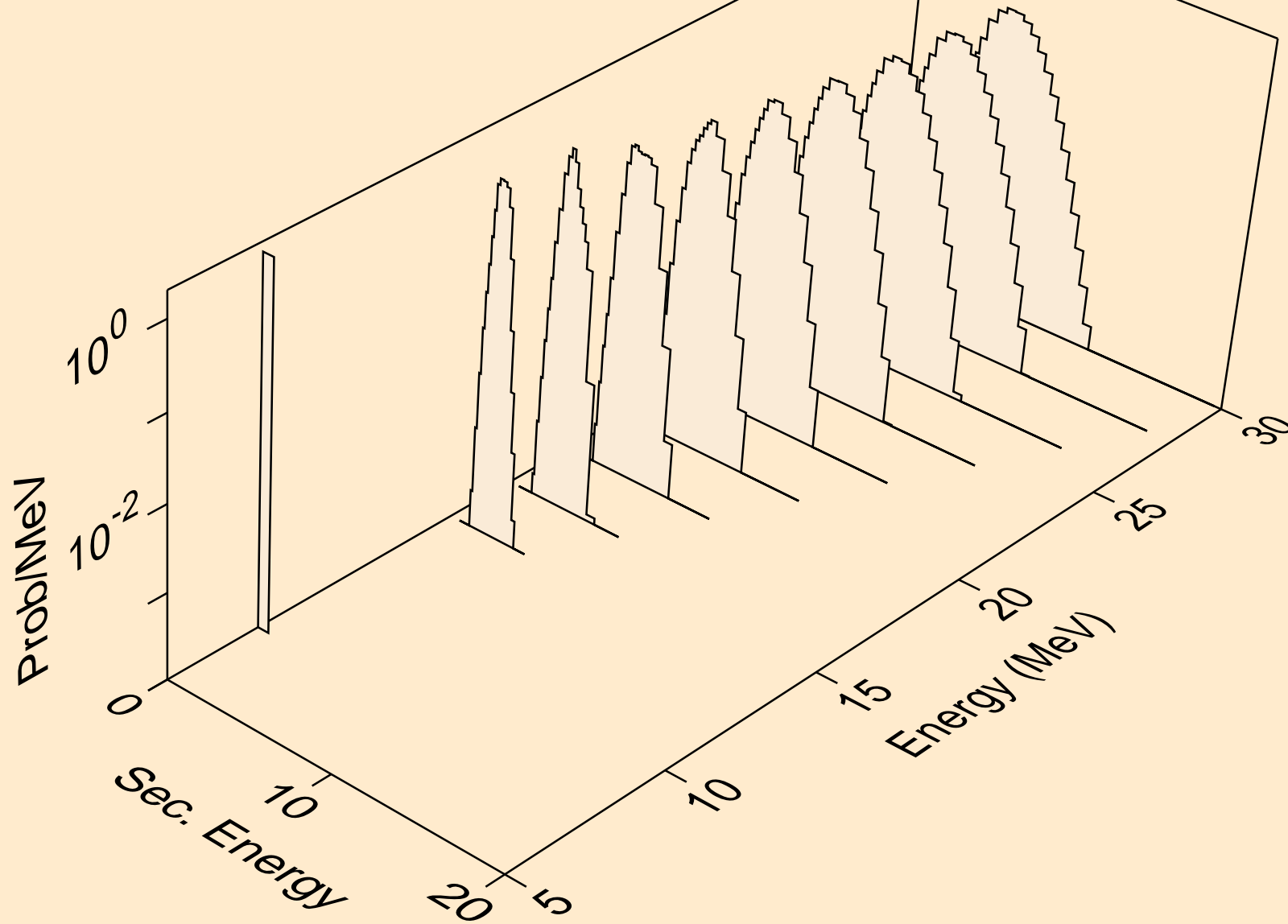
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

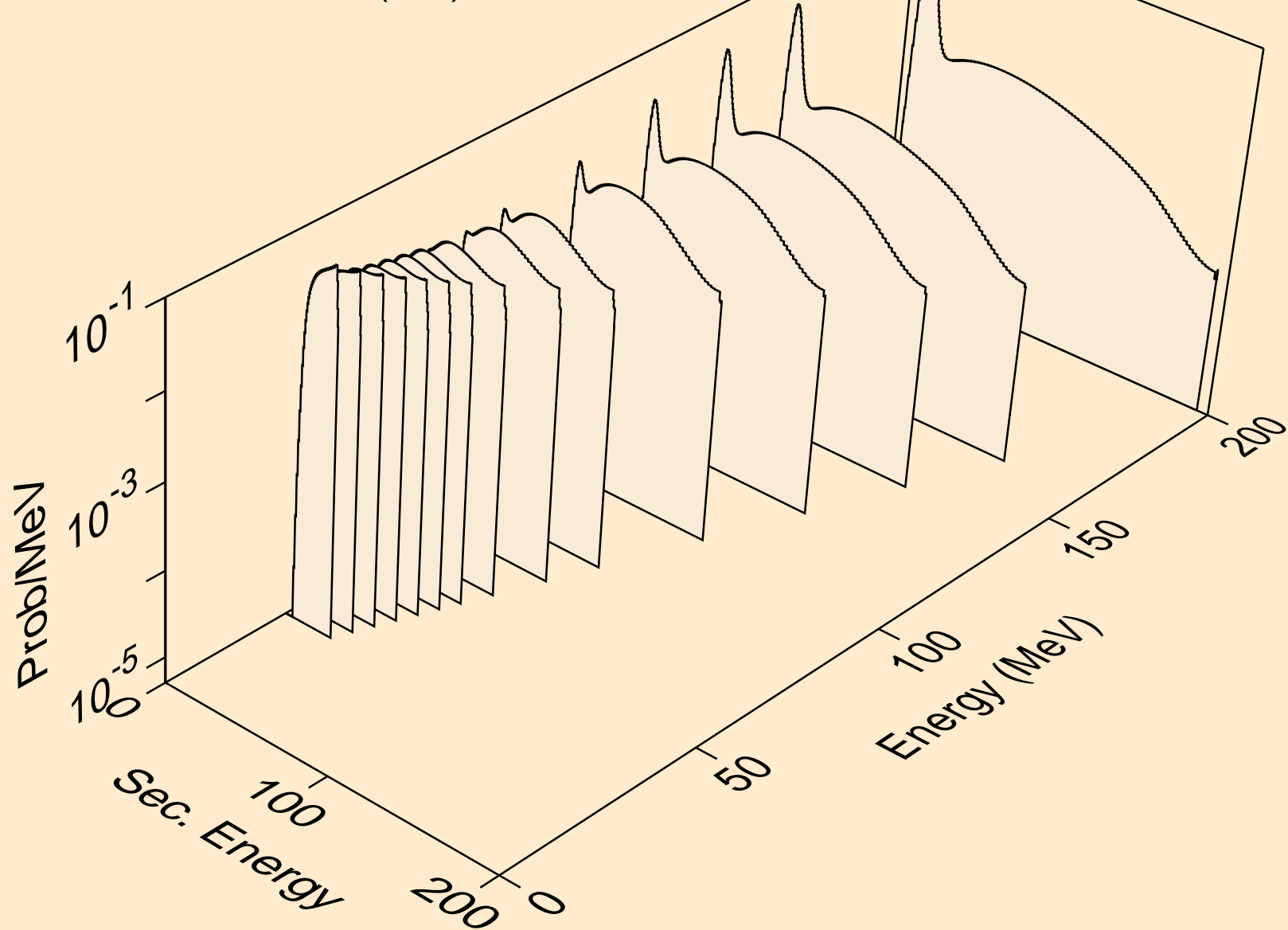


TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

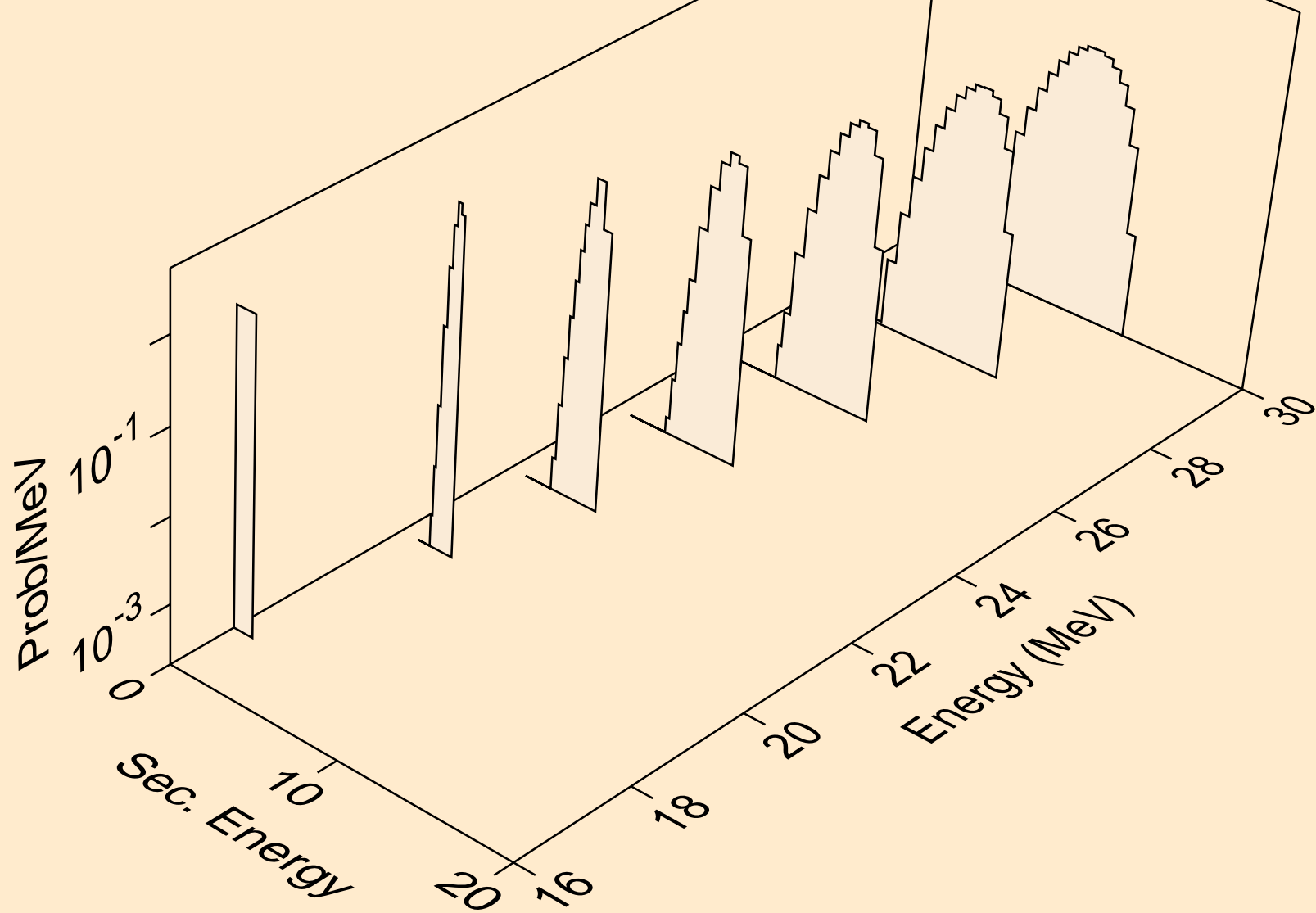




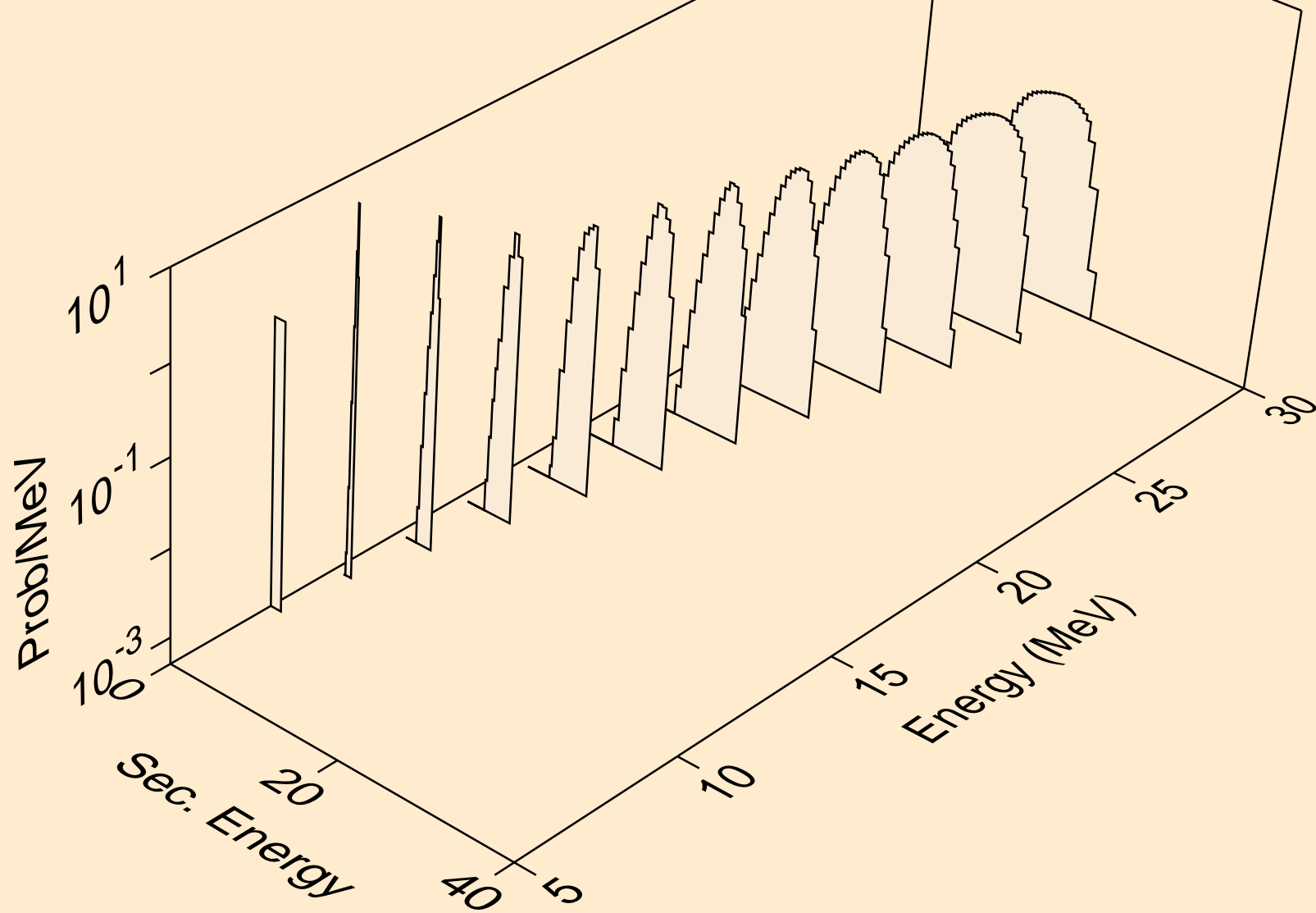
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



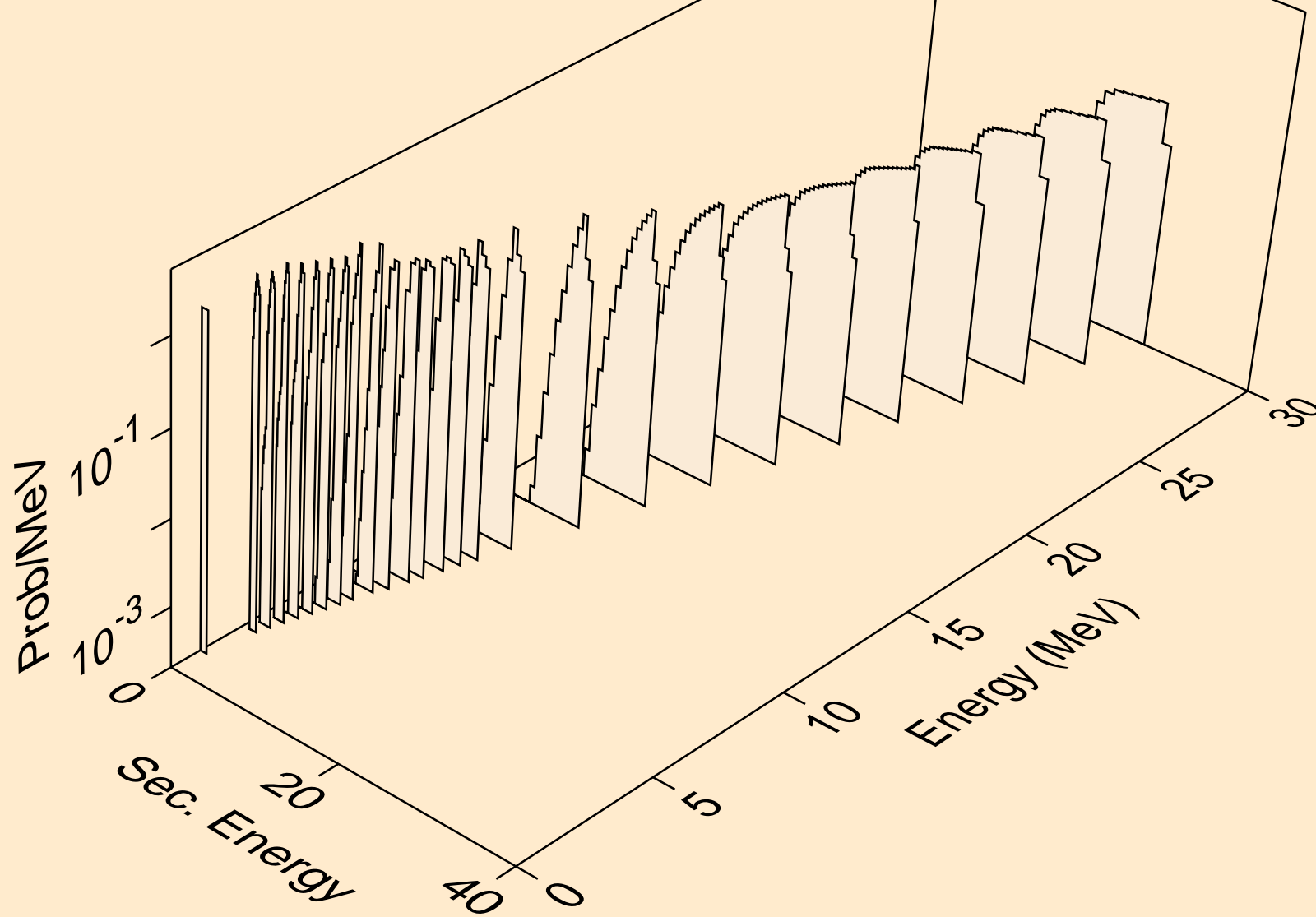
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



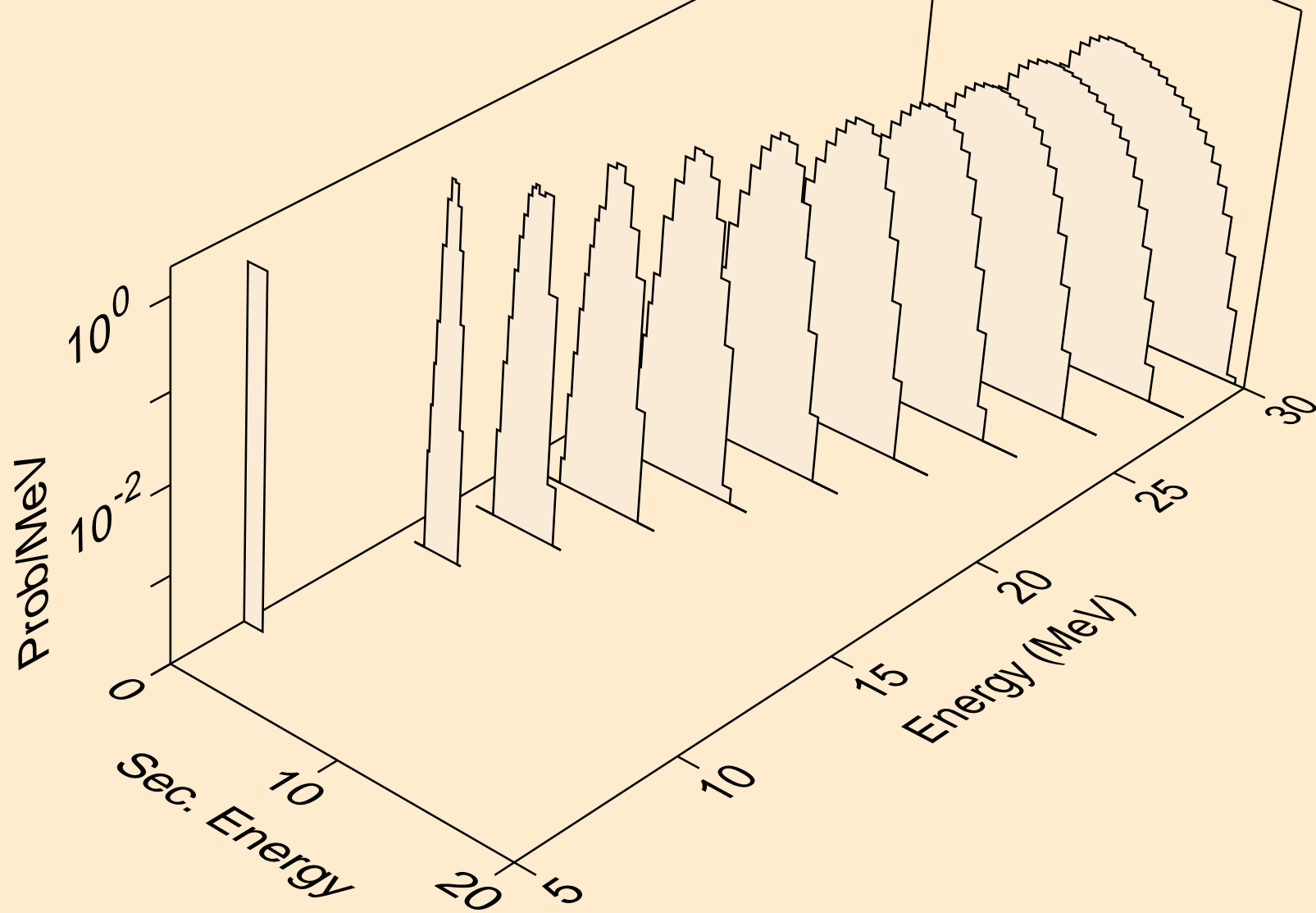
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



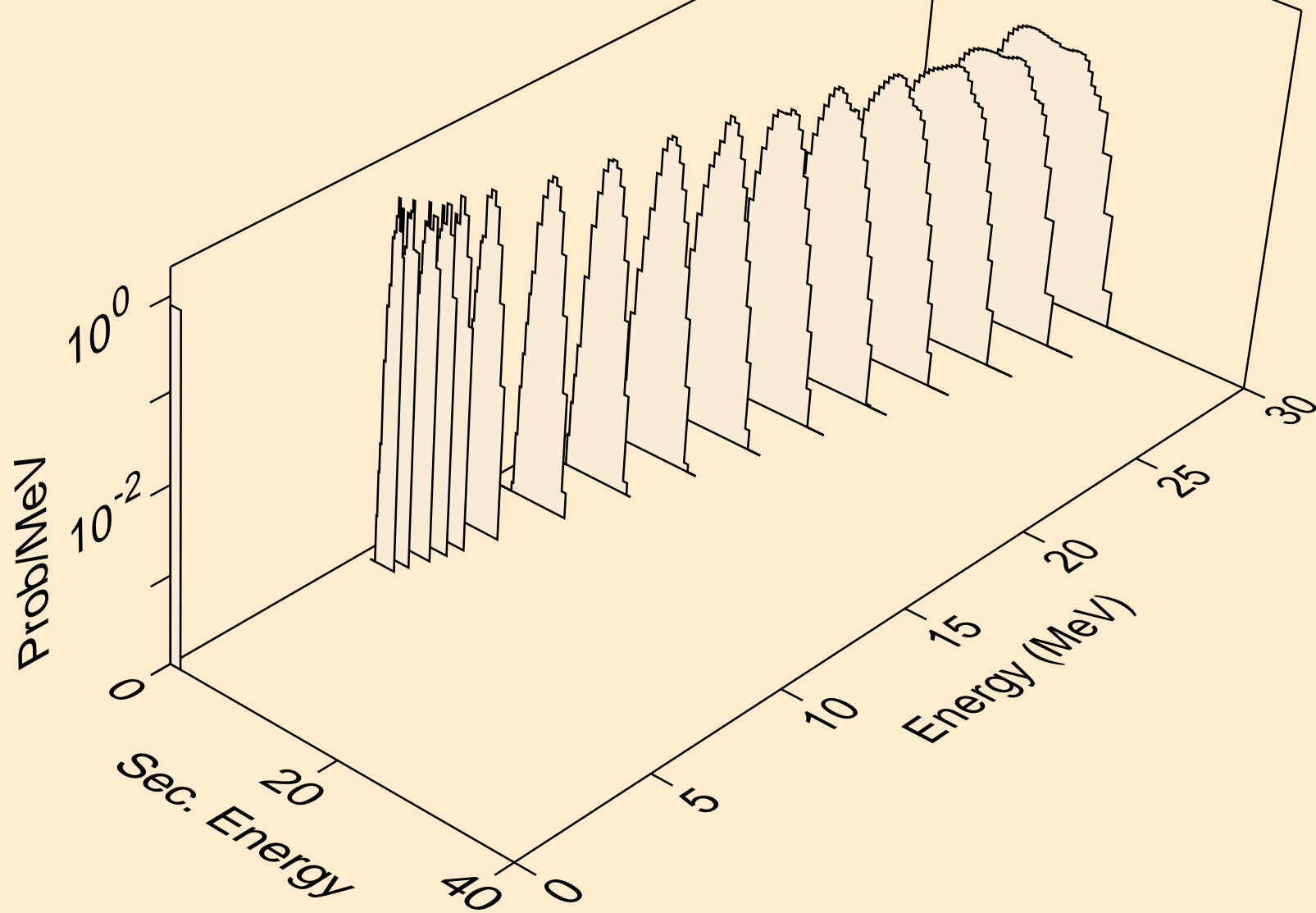
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deuterons from (n,d)



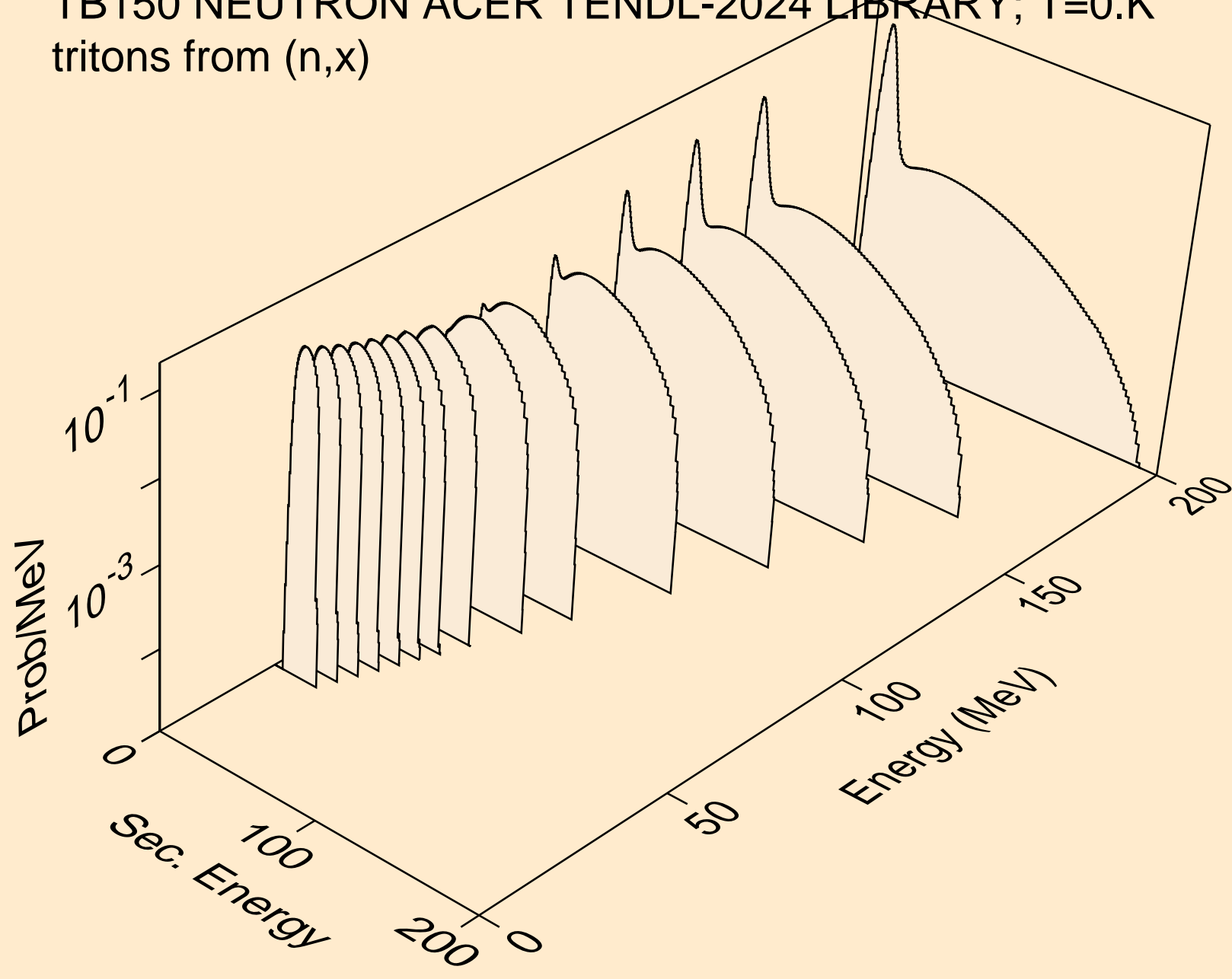
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



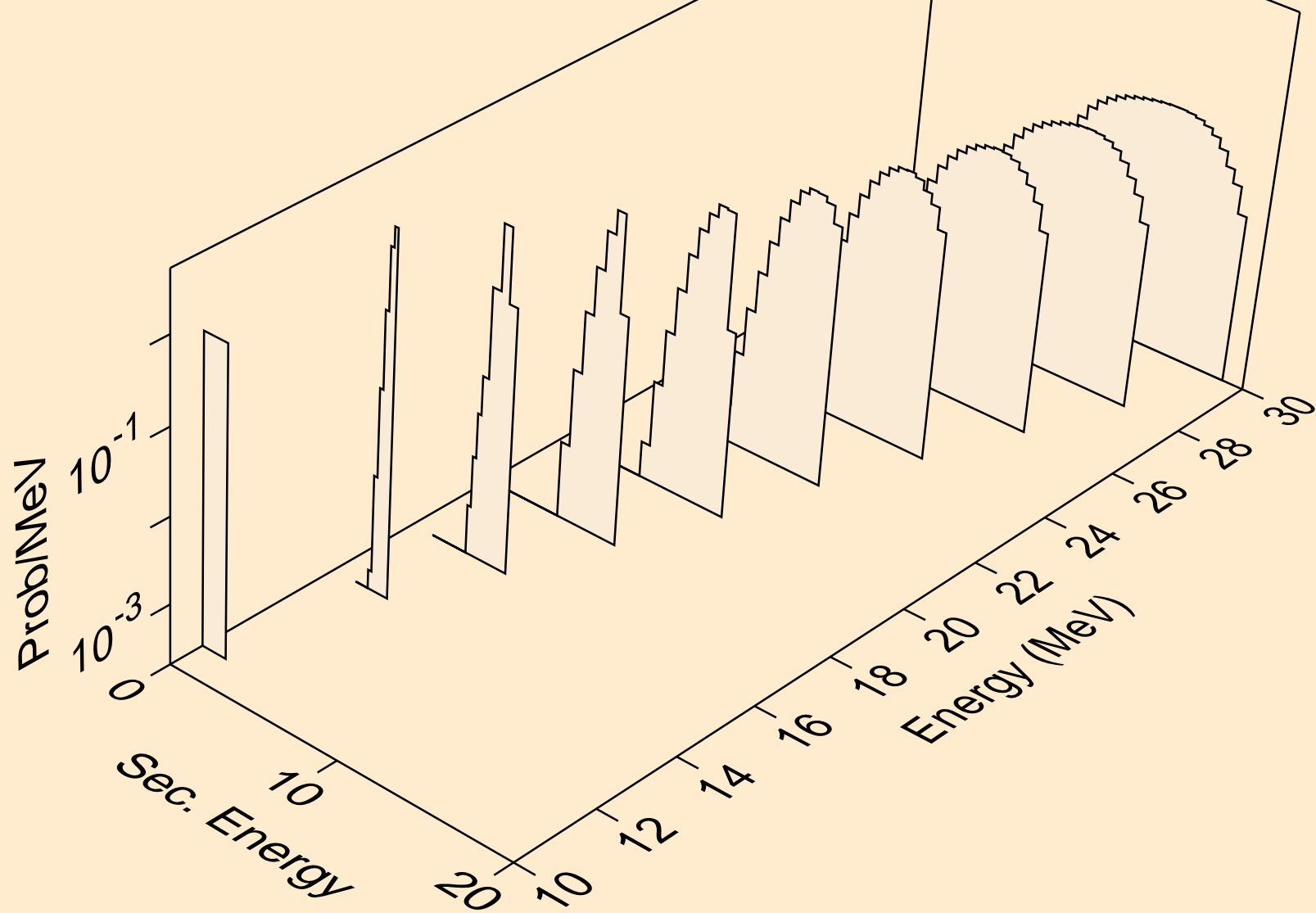
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

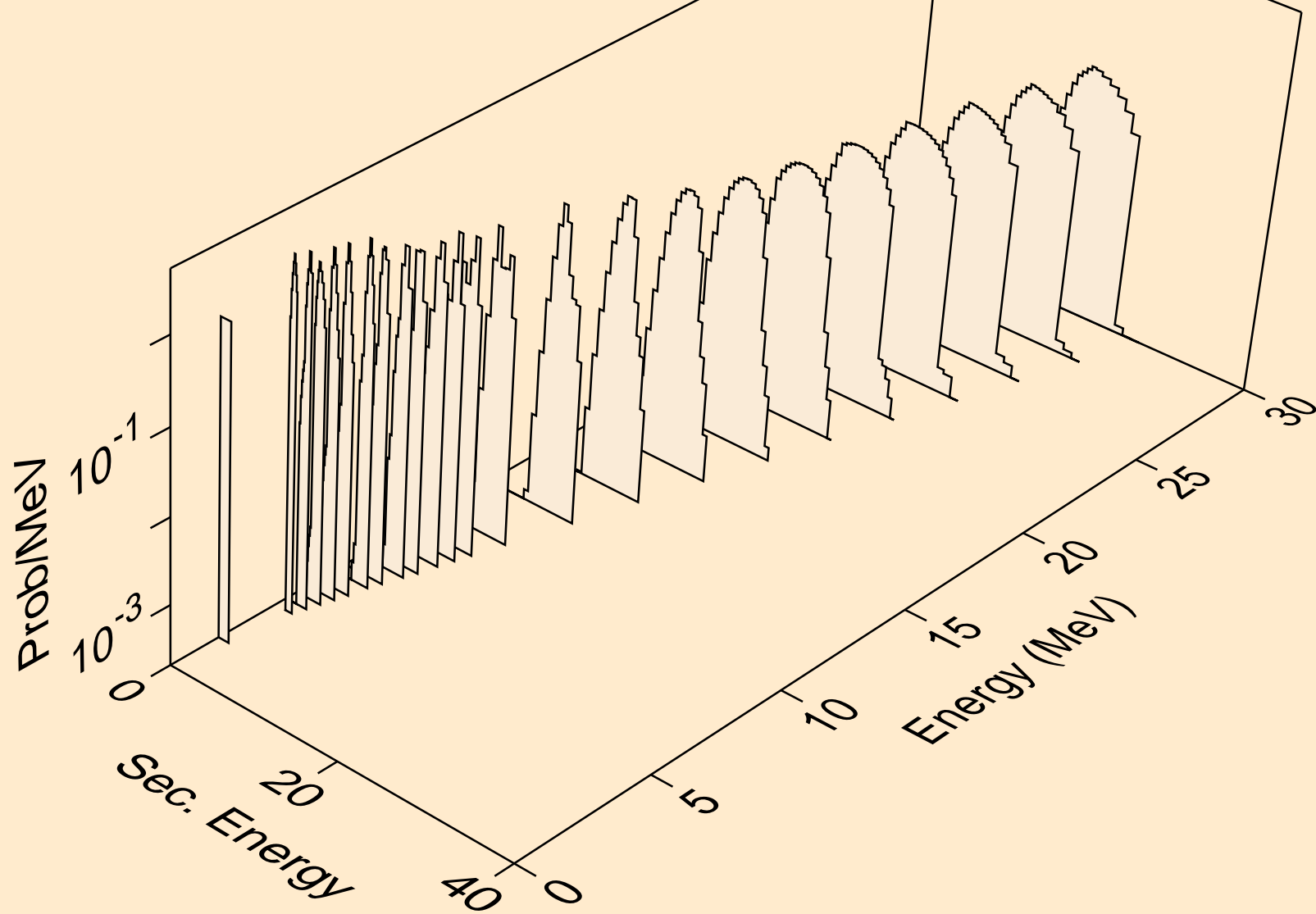


TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

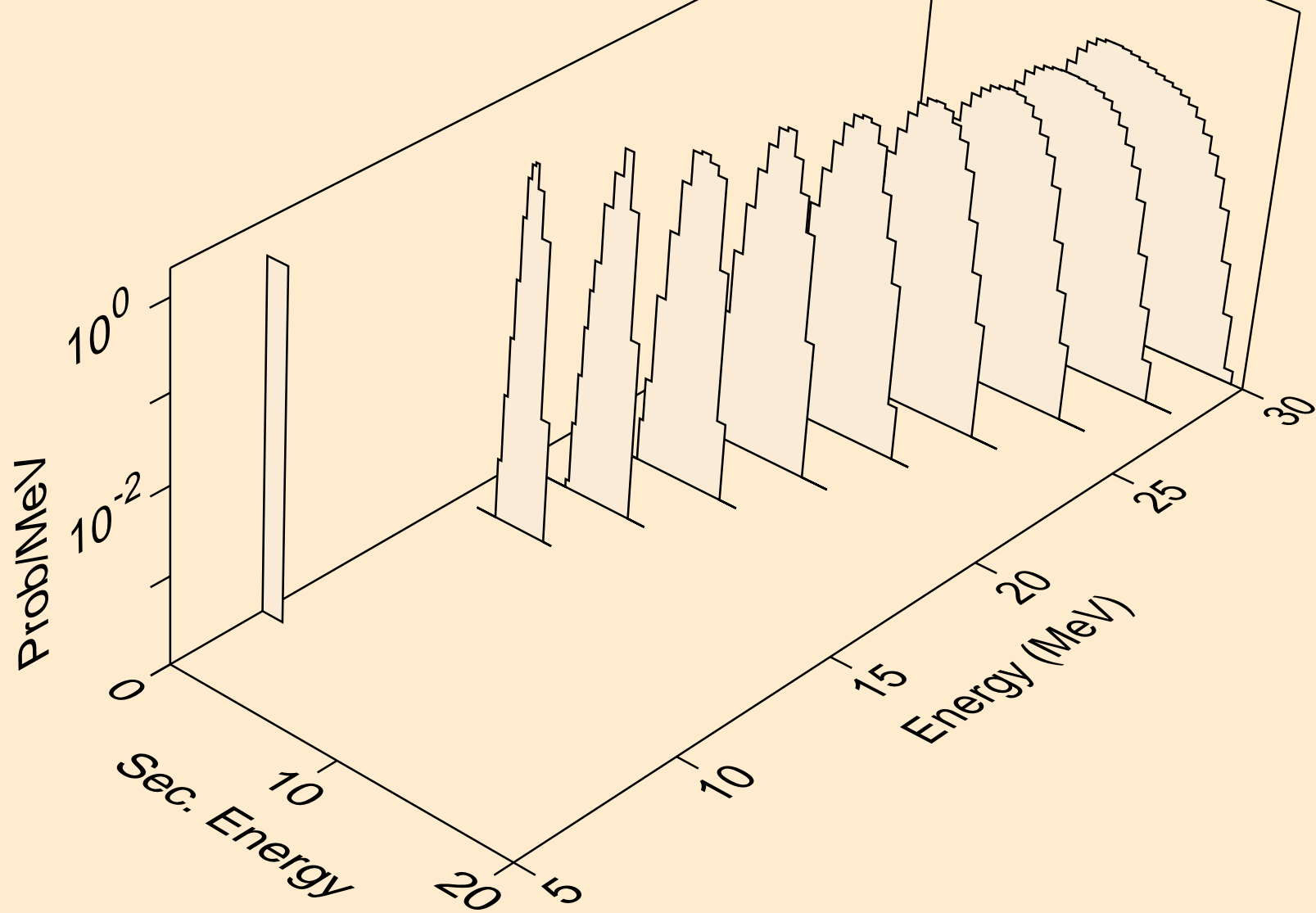




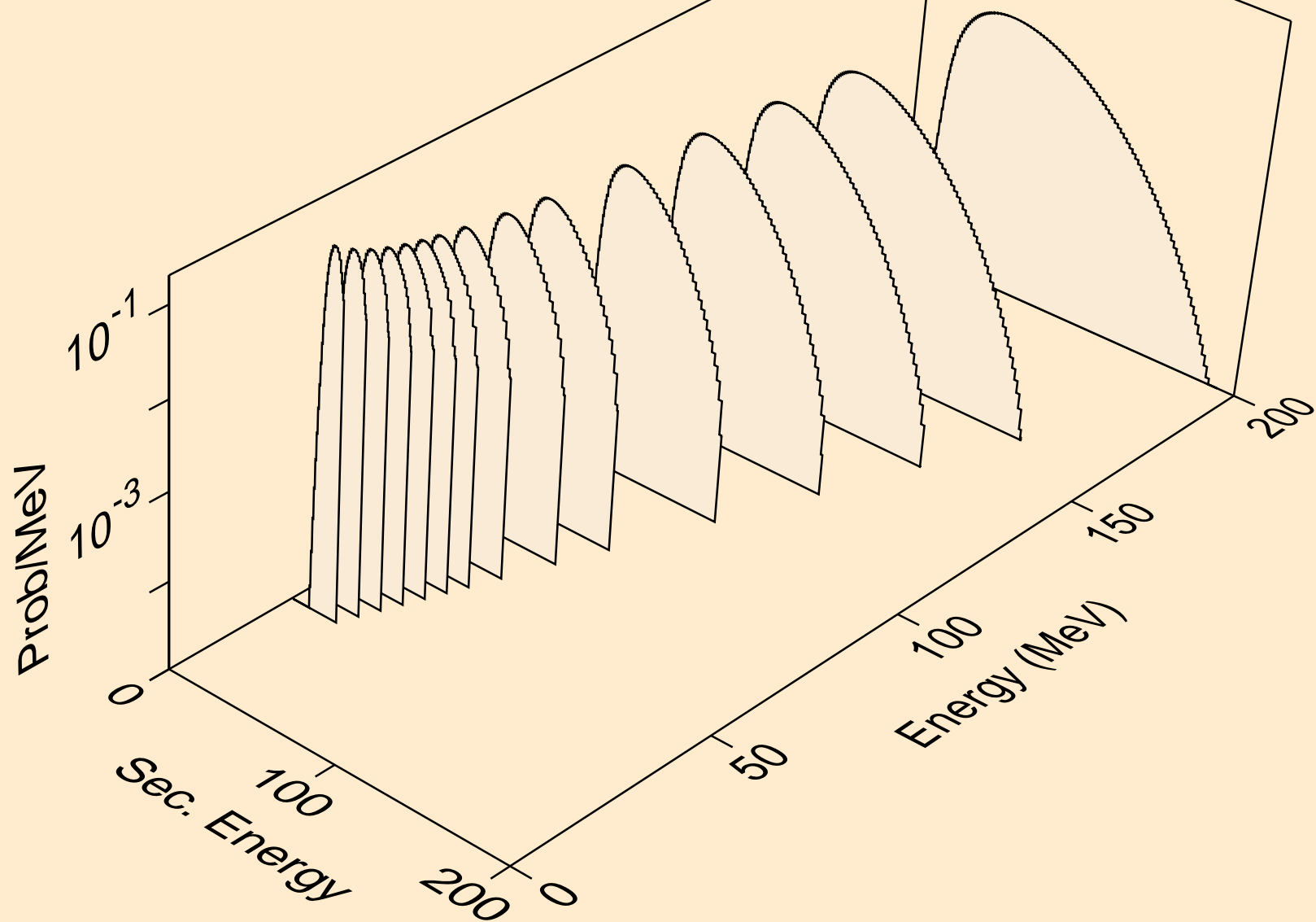
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



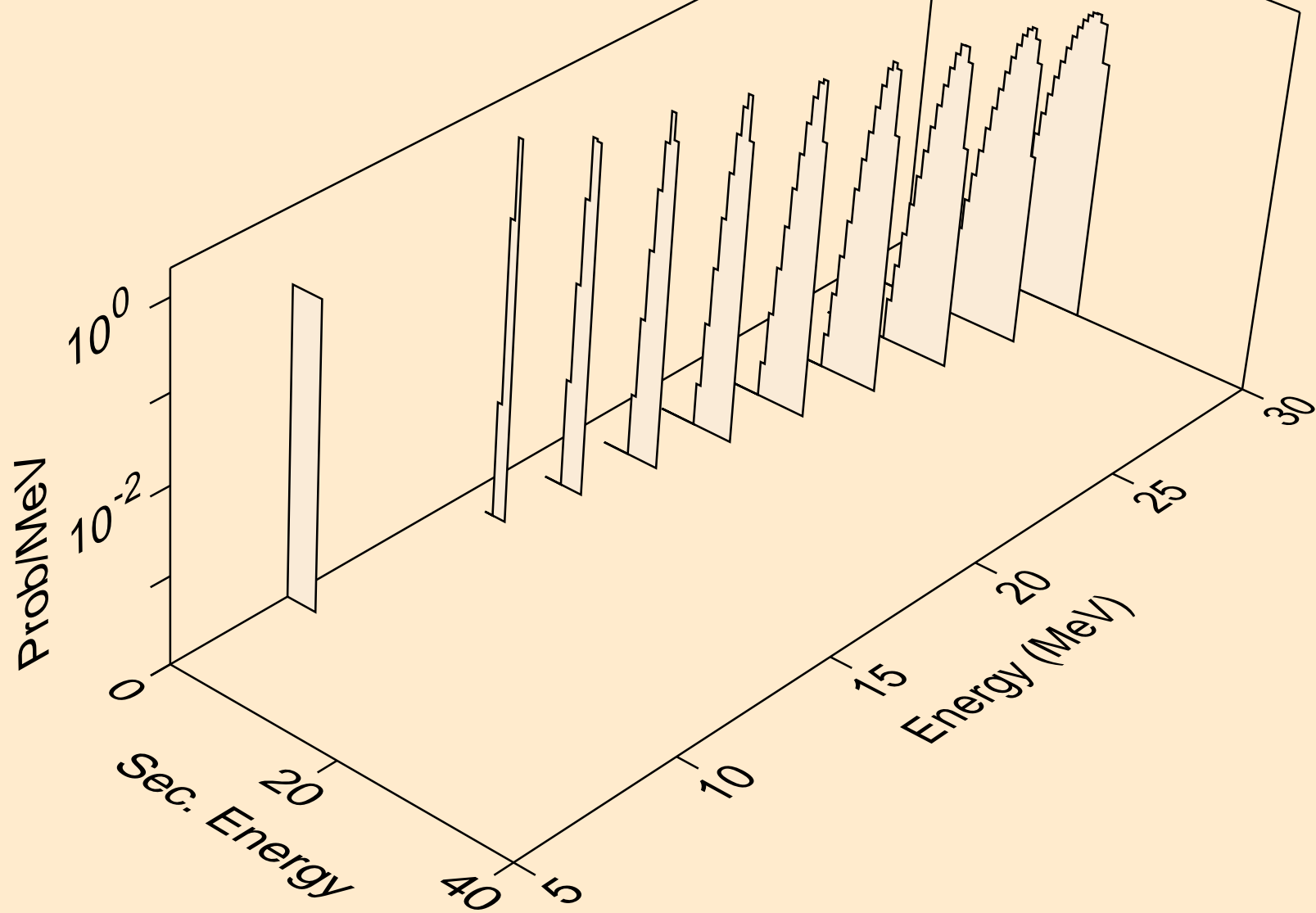
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



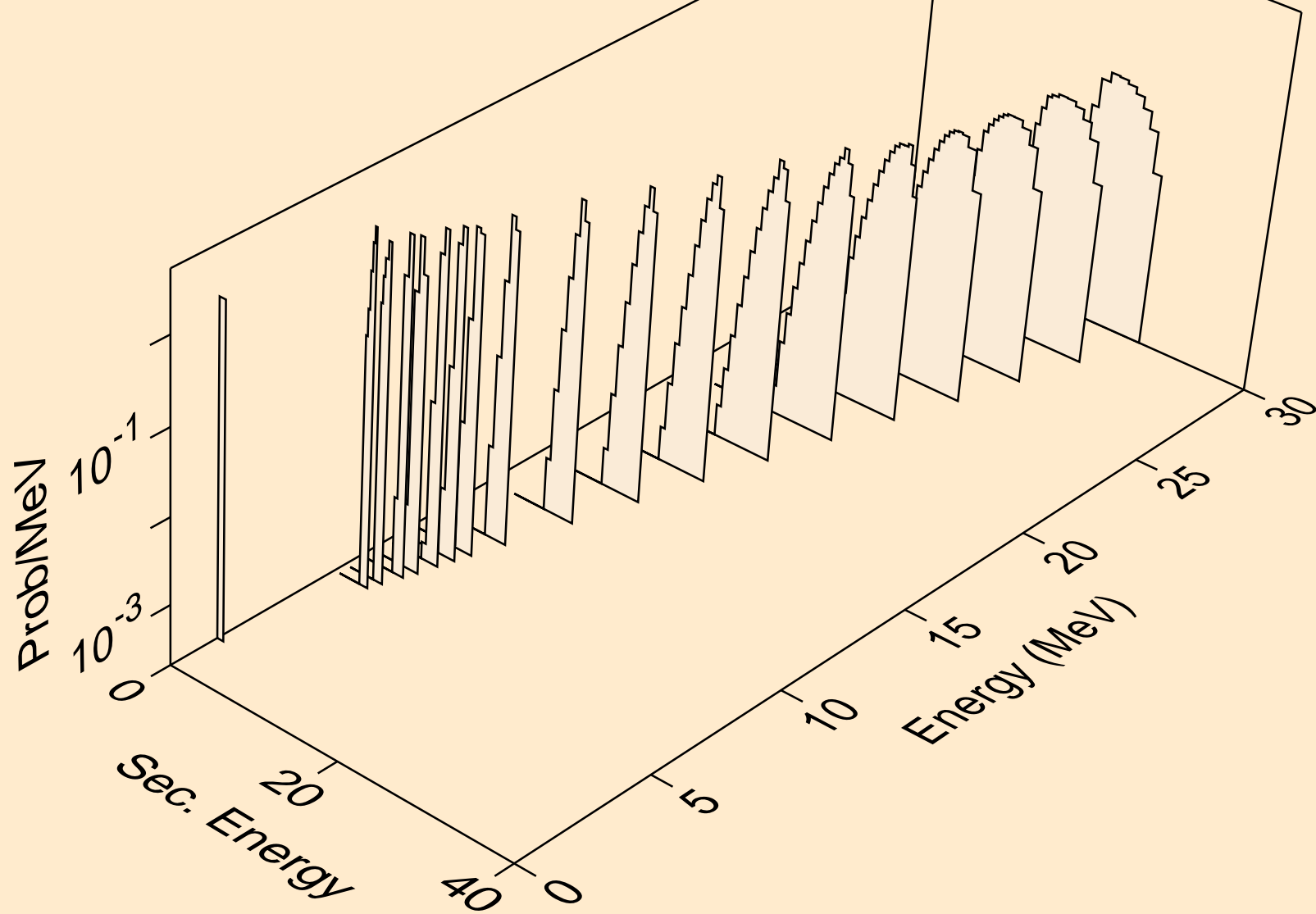
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he3s from (n,x)



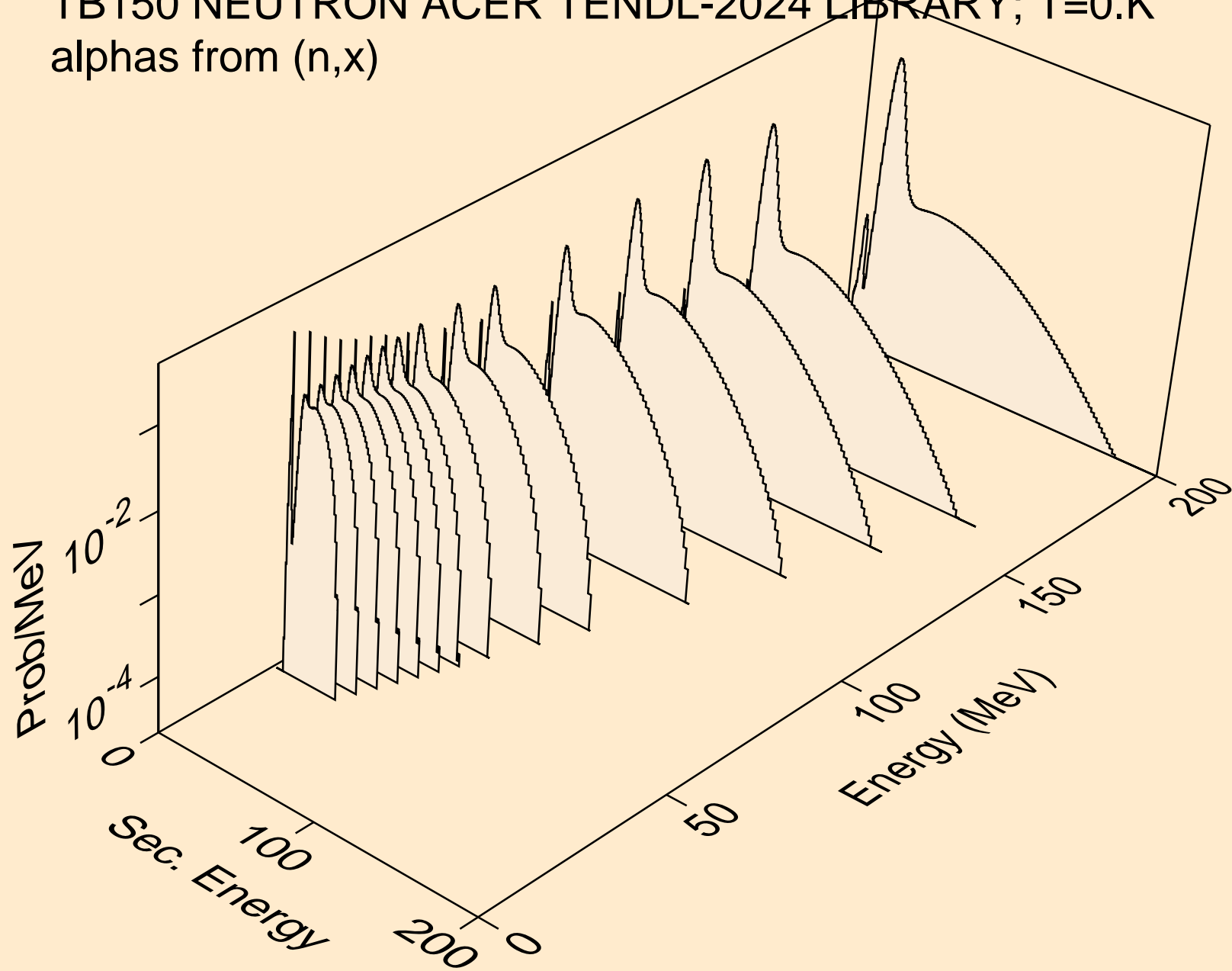
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he3s from (n,n\*)he3



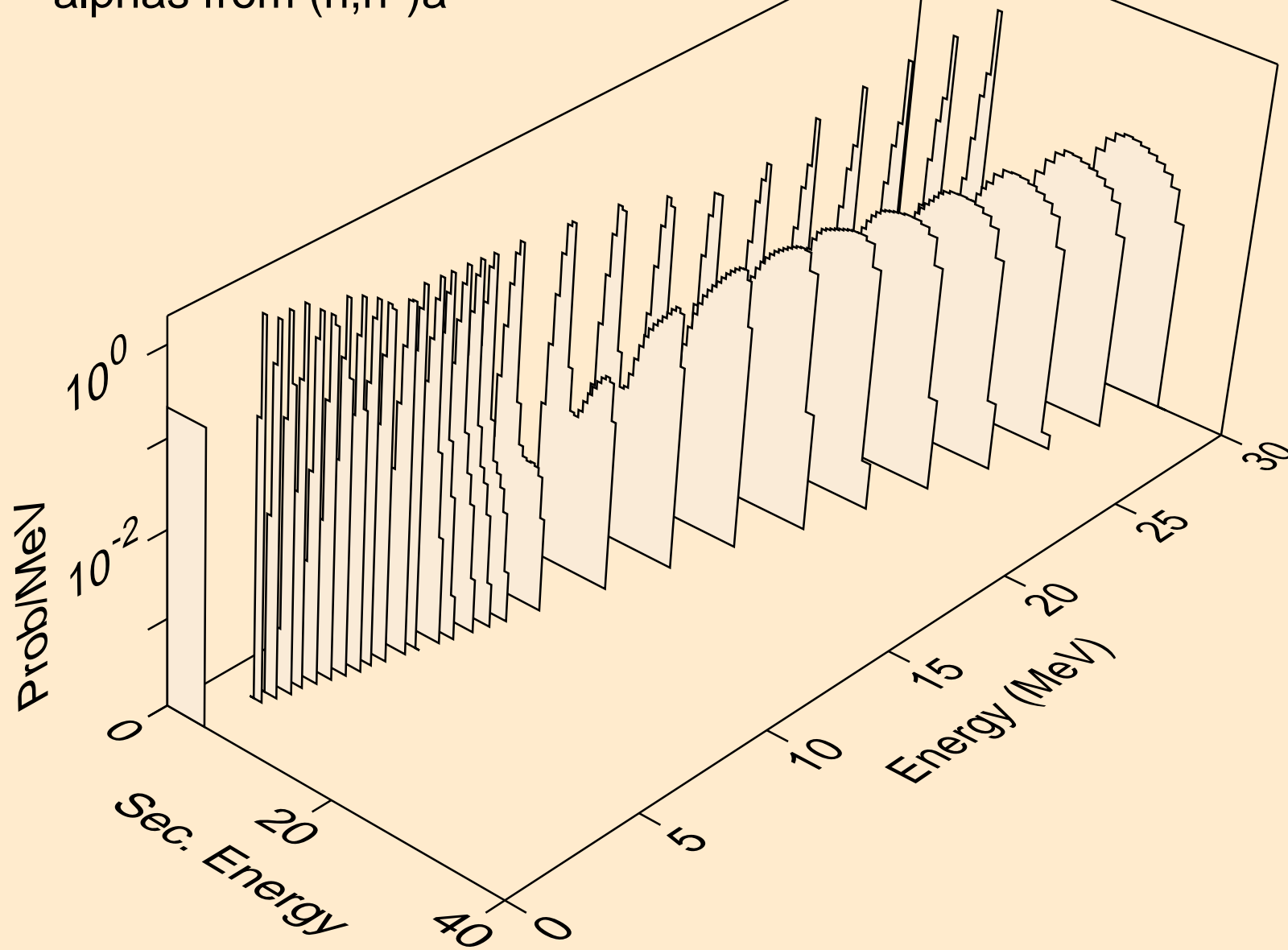
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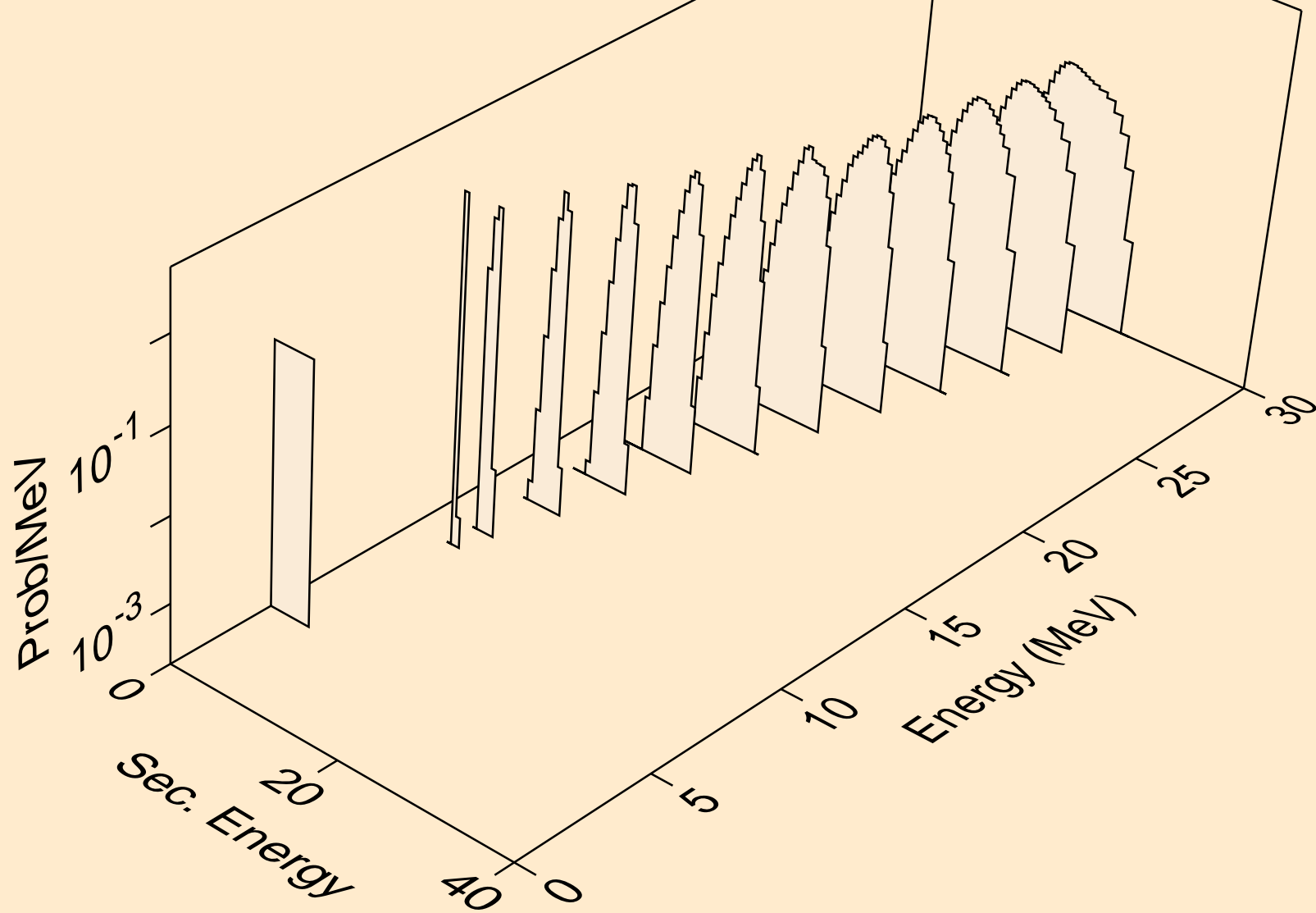
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

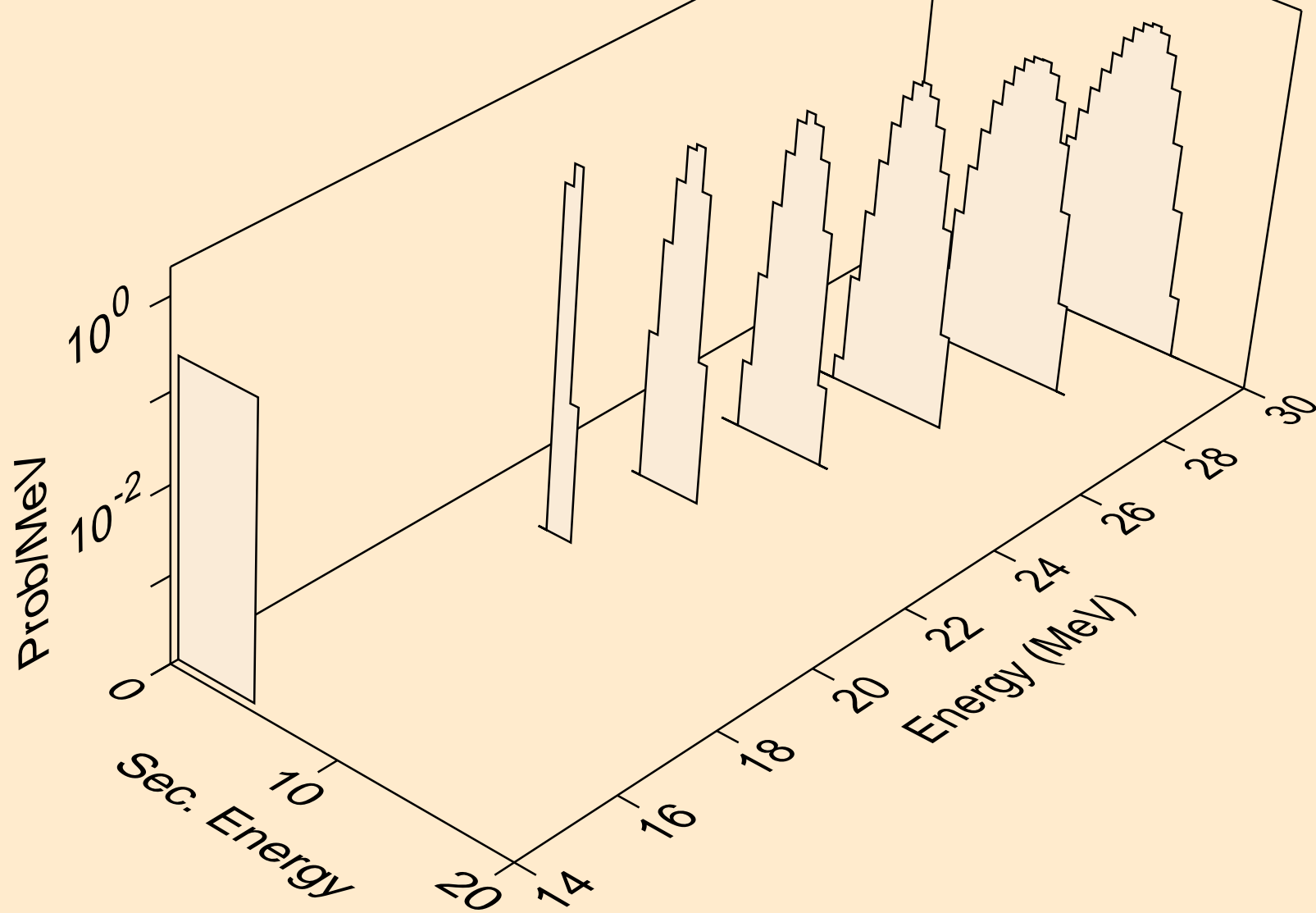


TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

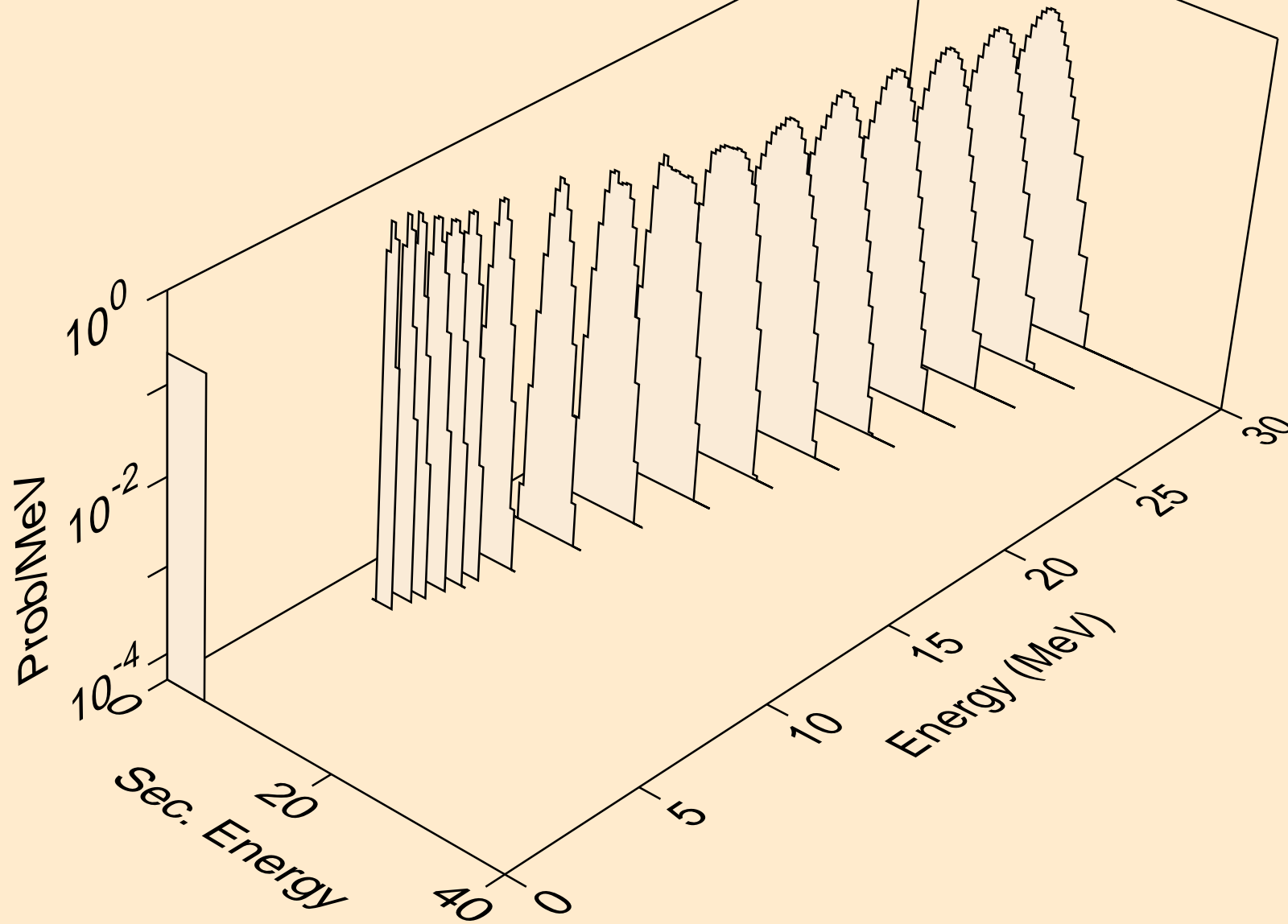




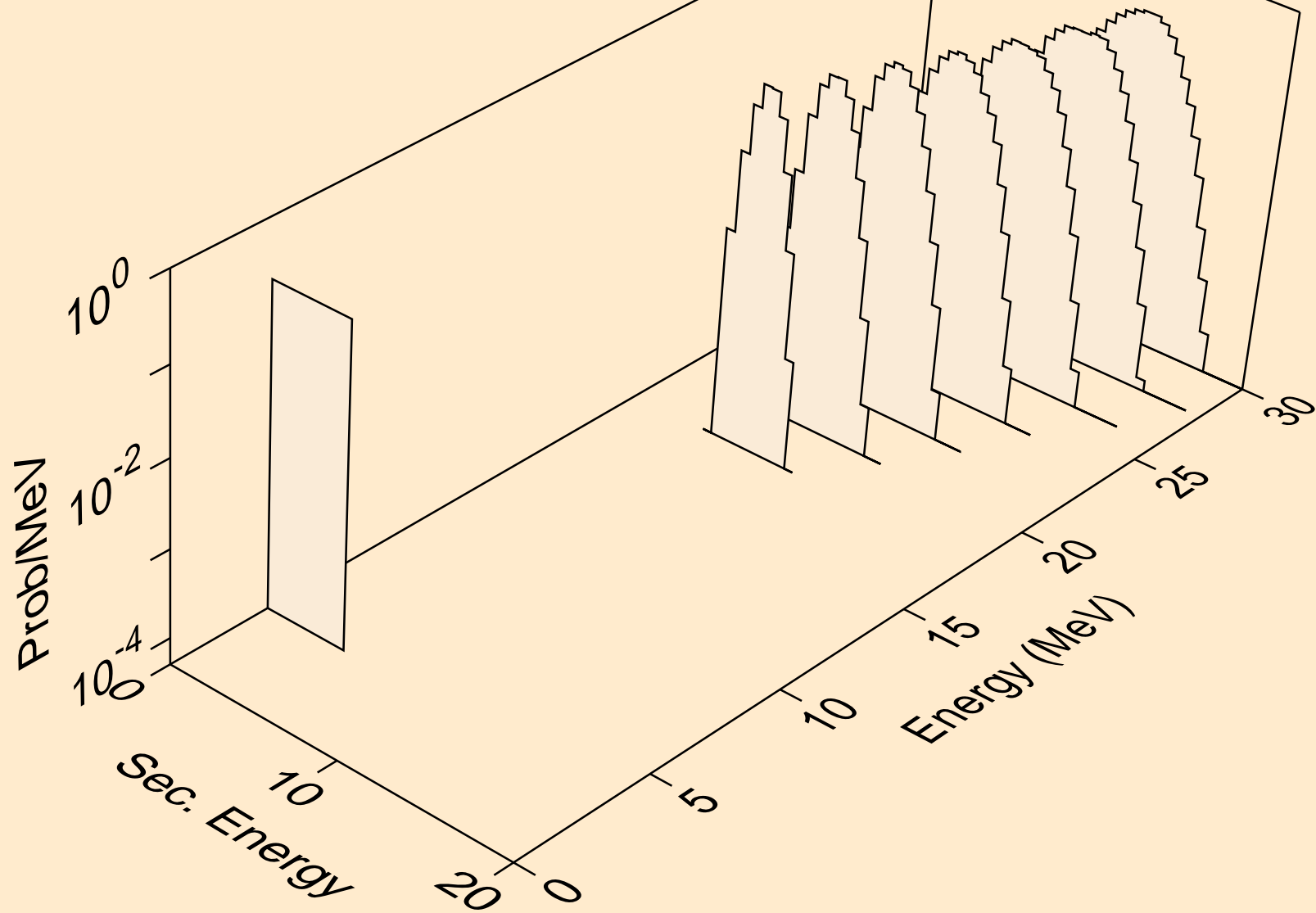
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



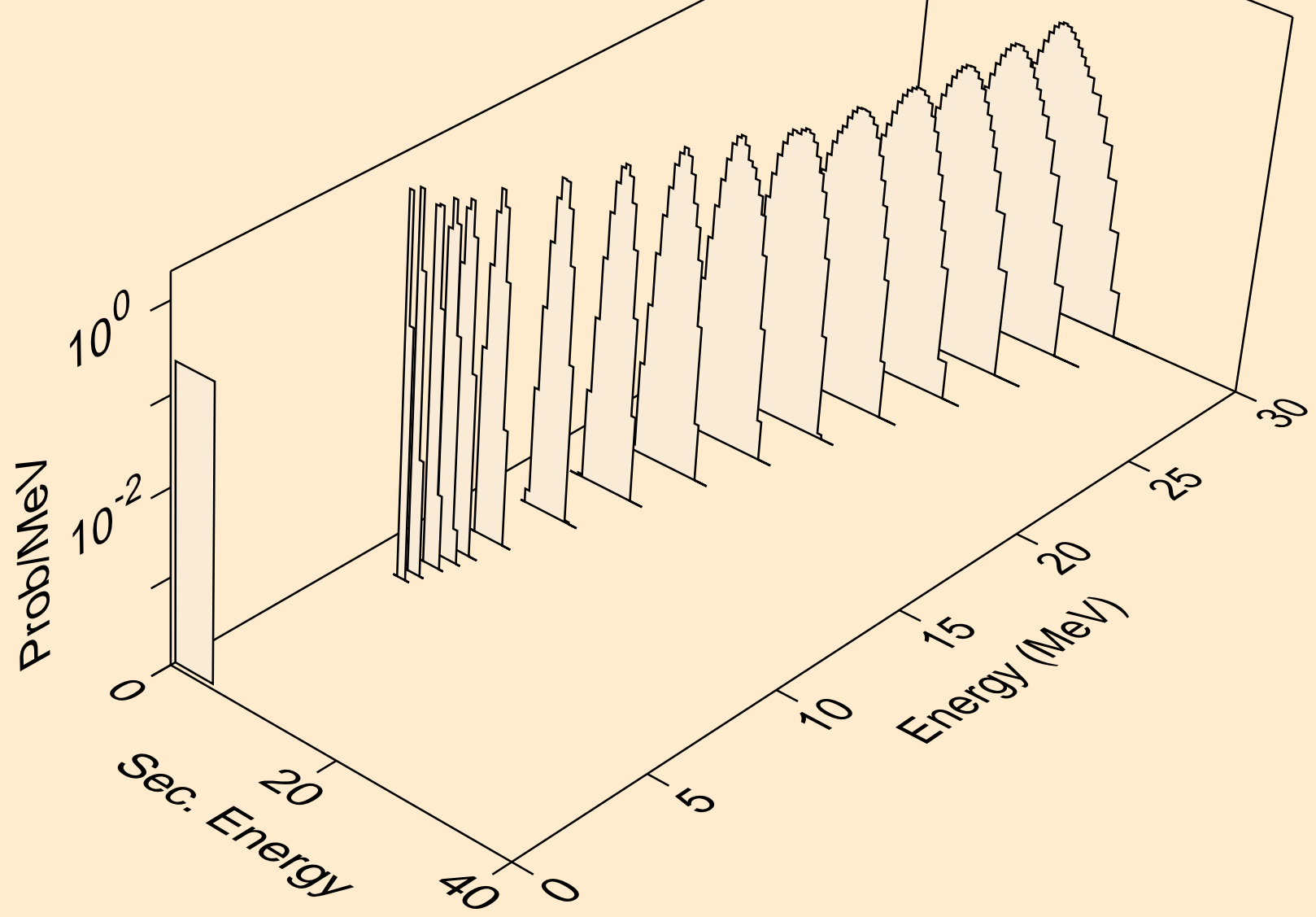
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alphas from (n,n\*)2a



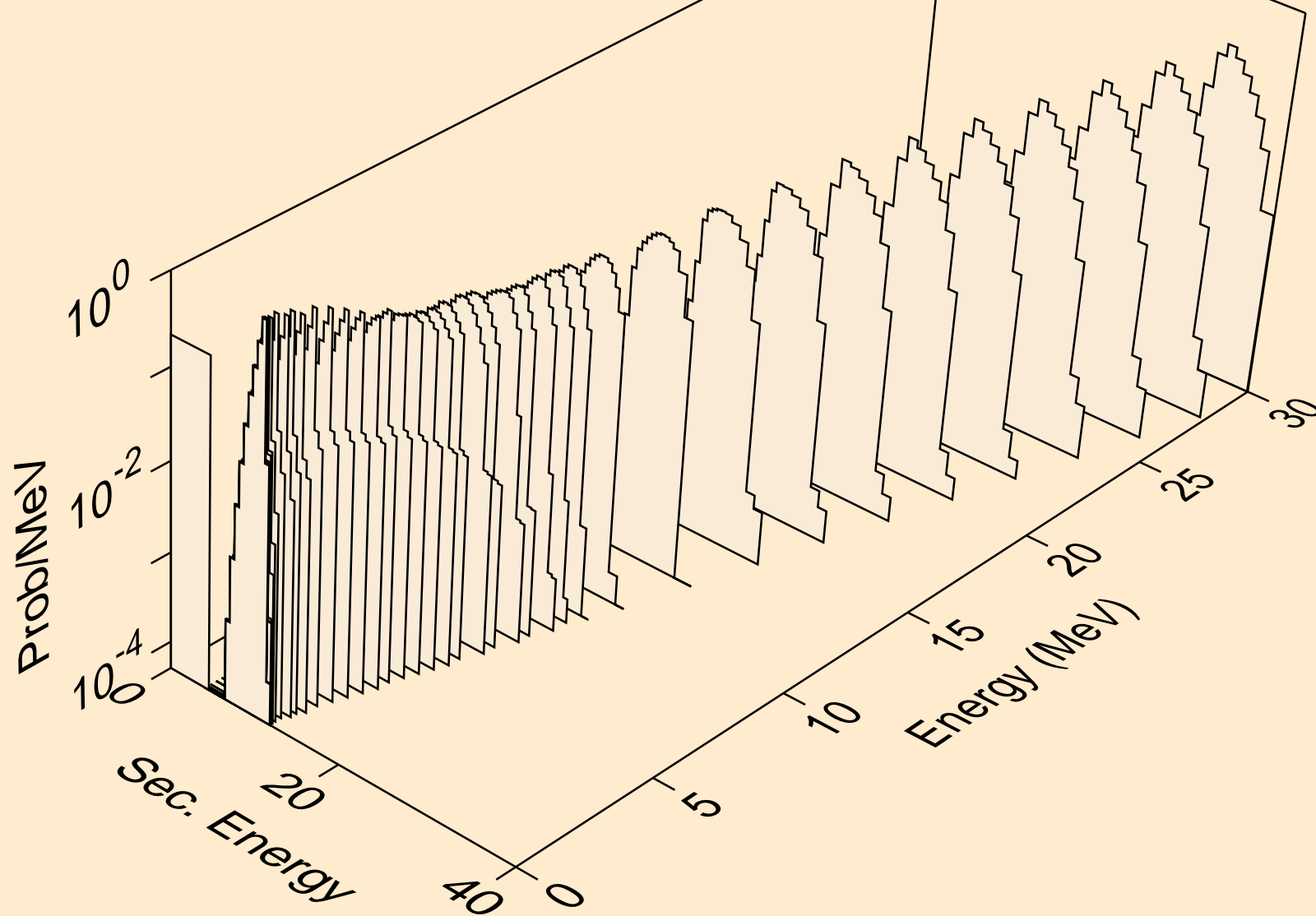
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alphas from (n,2n)2a



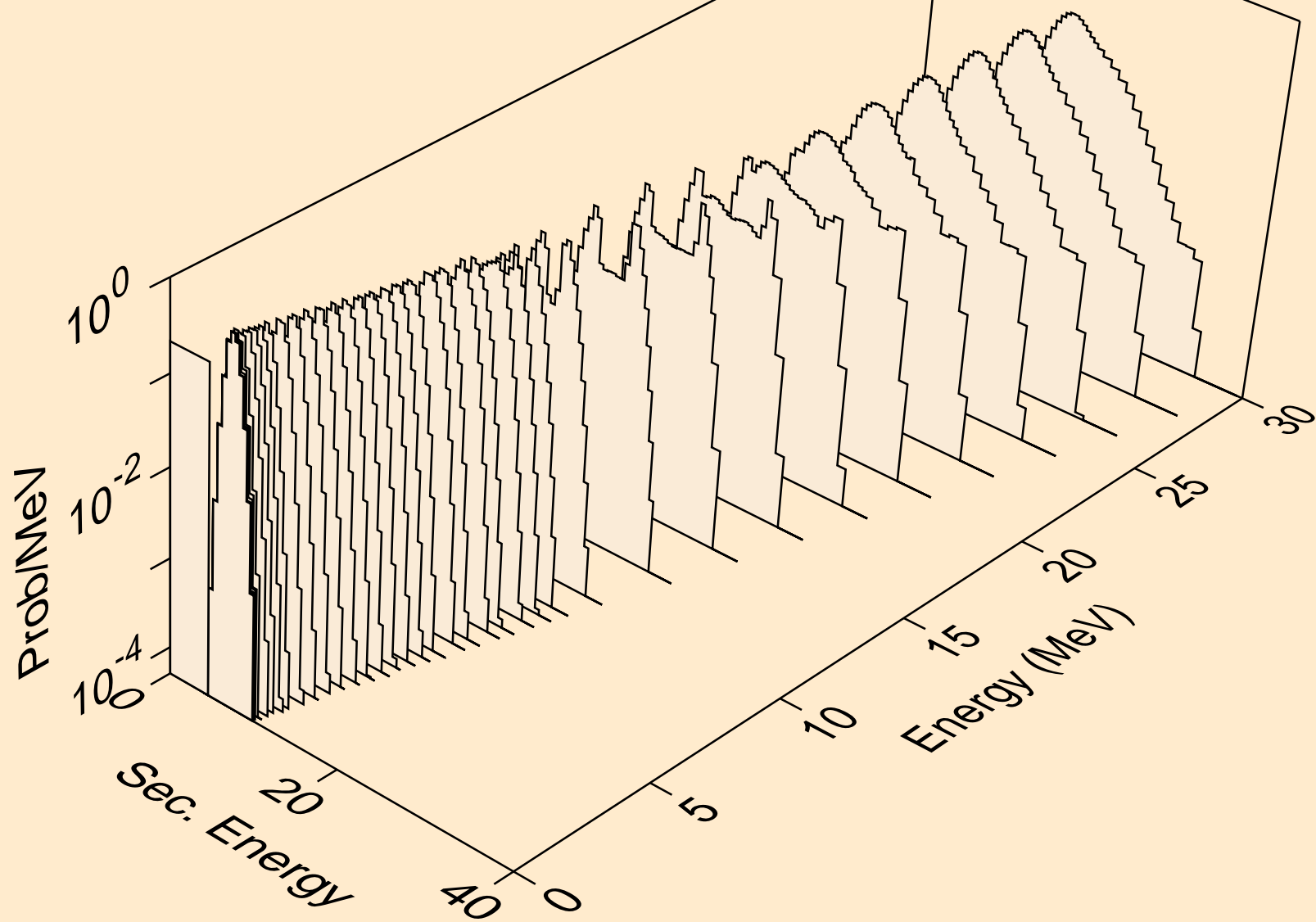
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



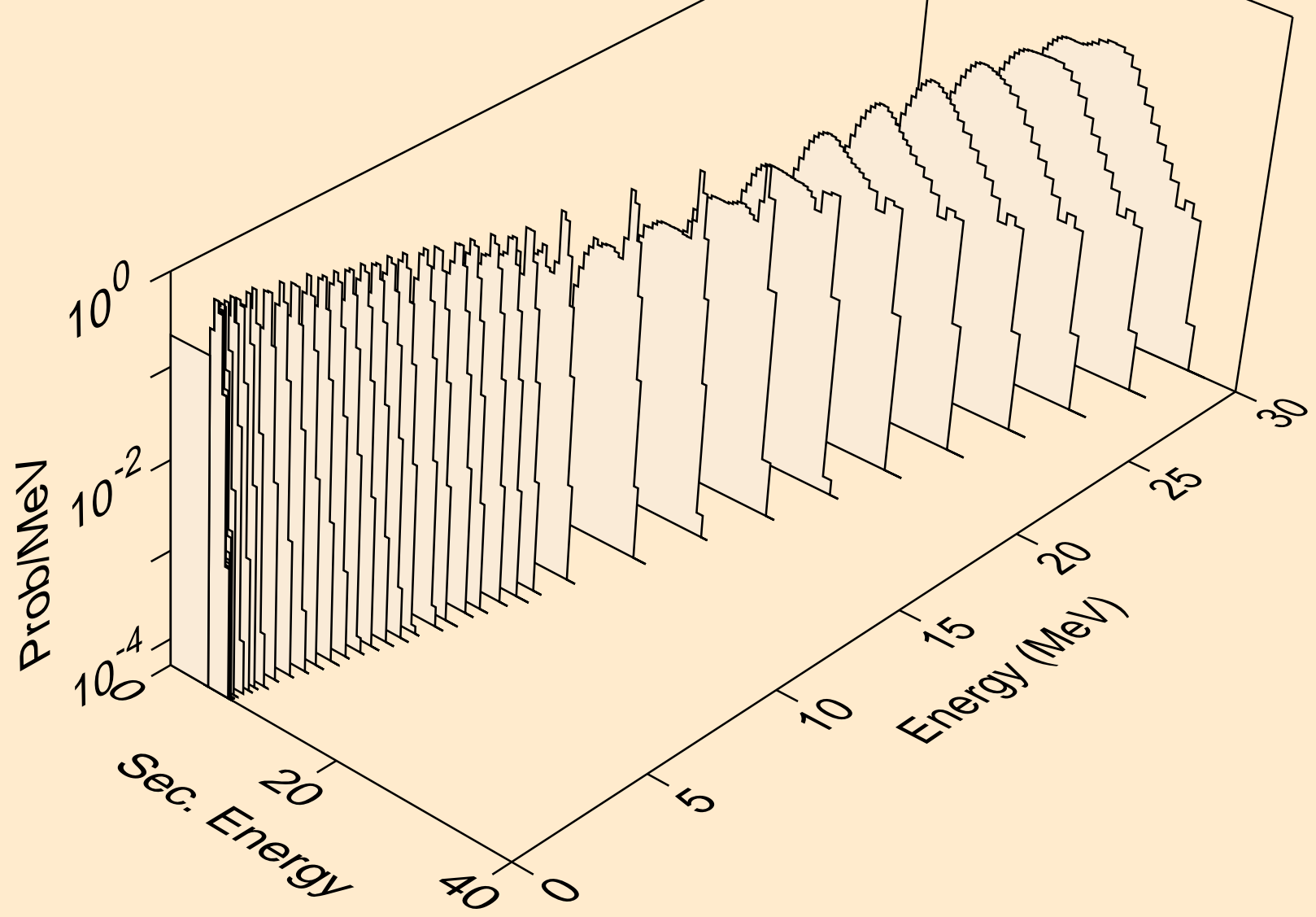
TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



TB150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

