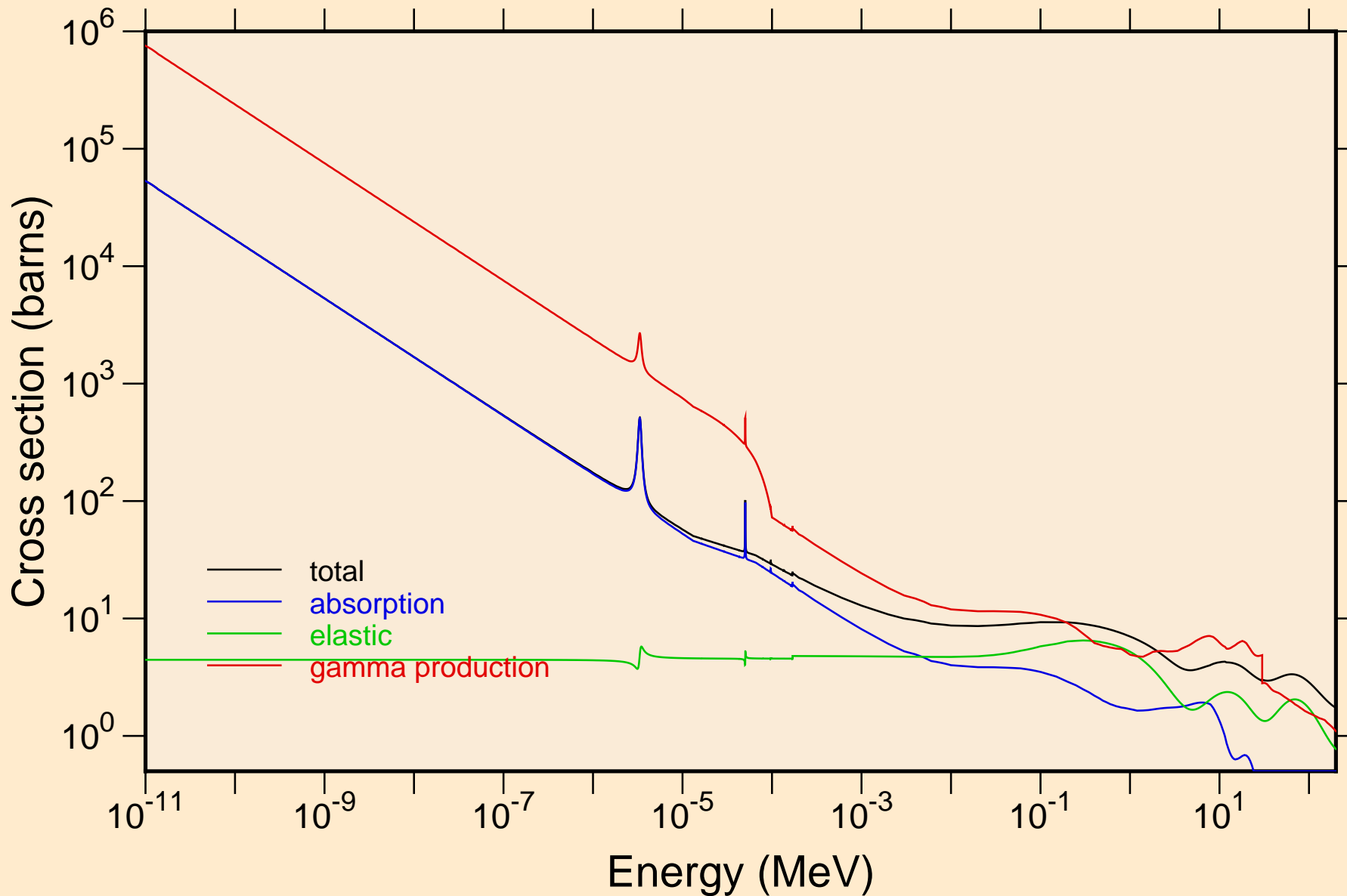
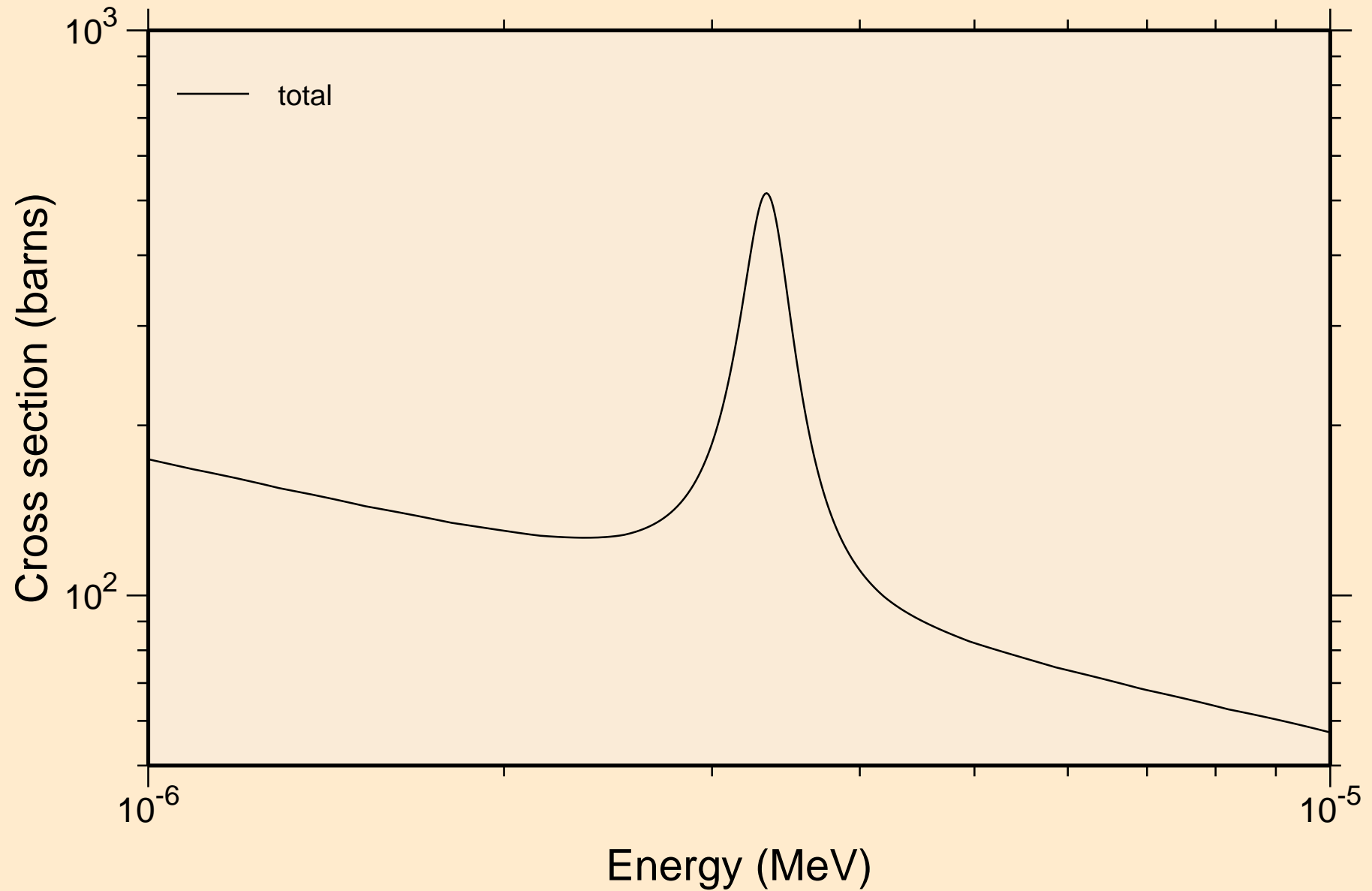


# AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

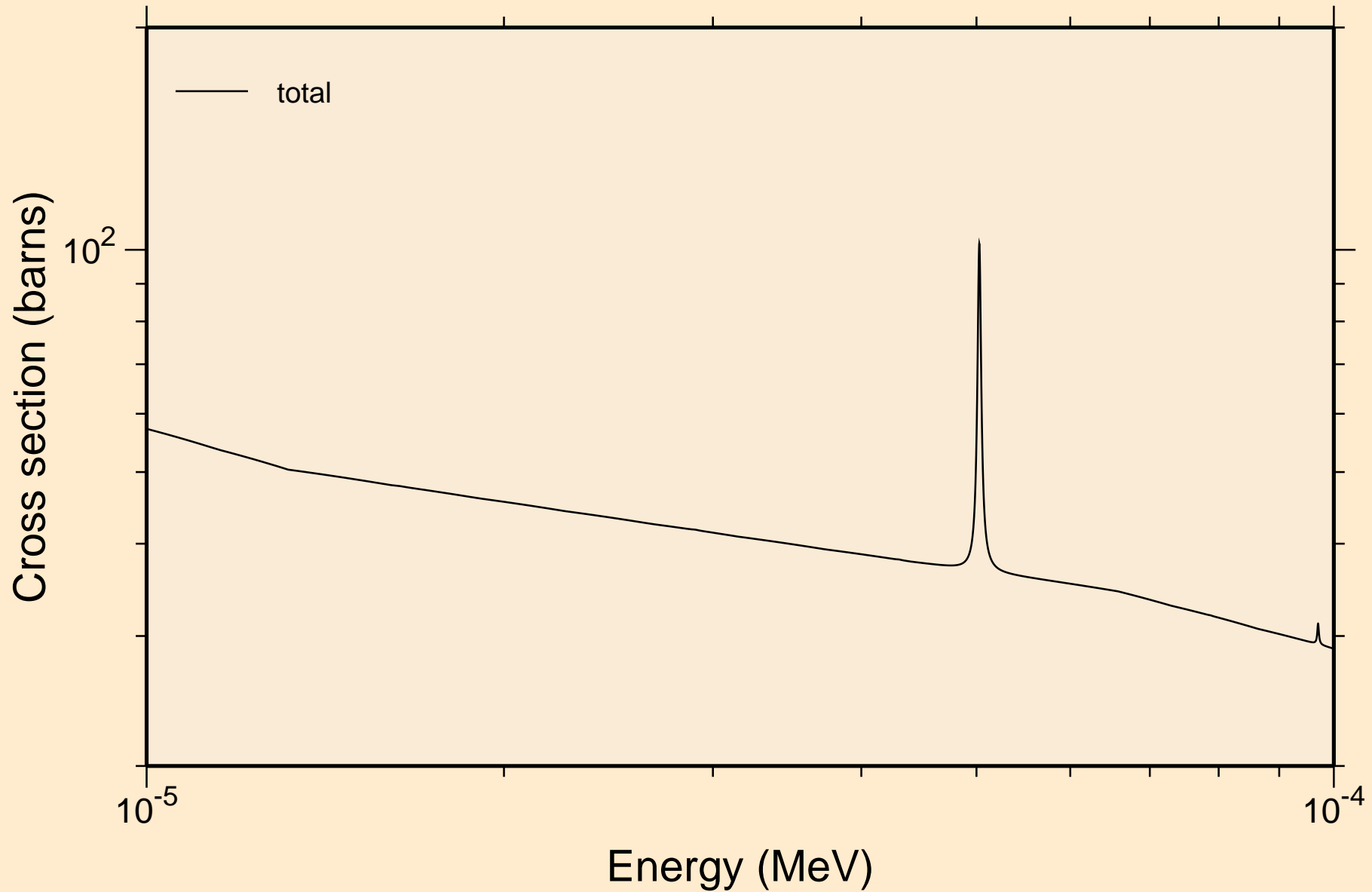
## Principal cross sections



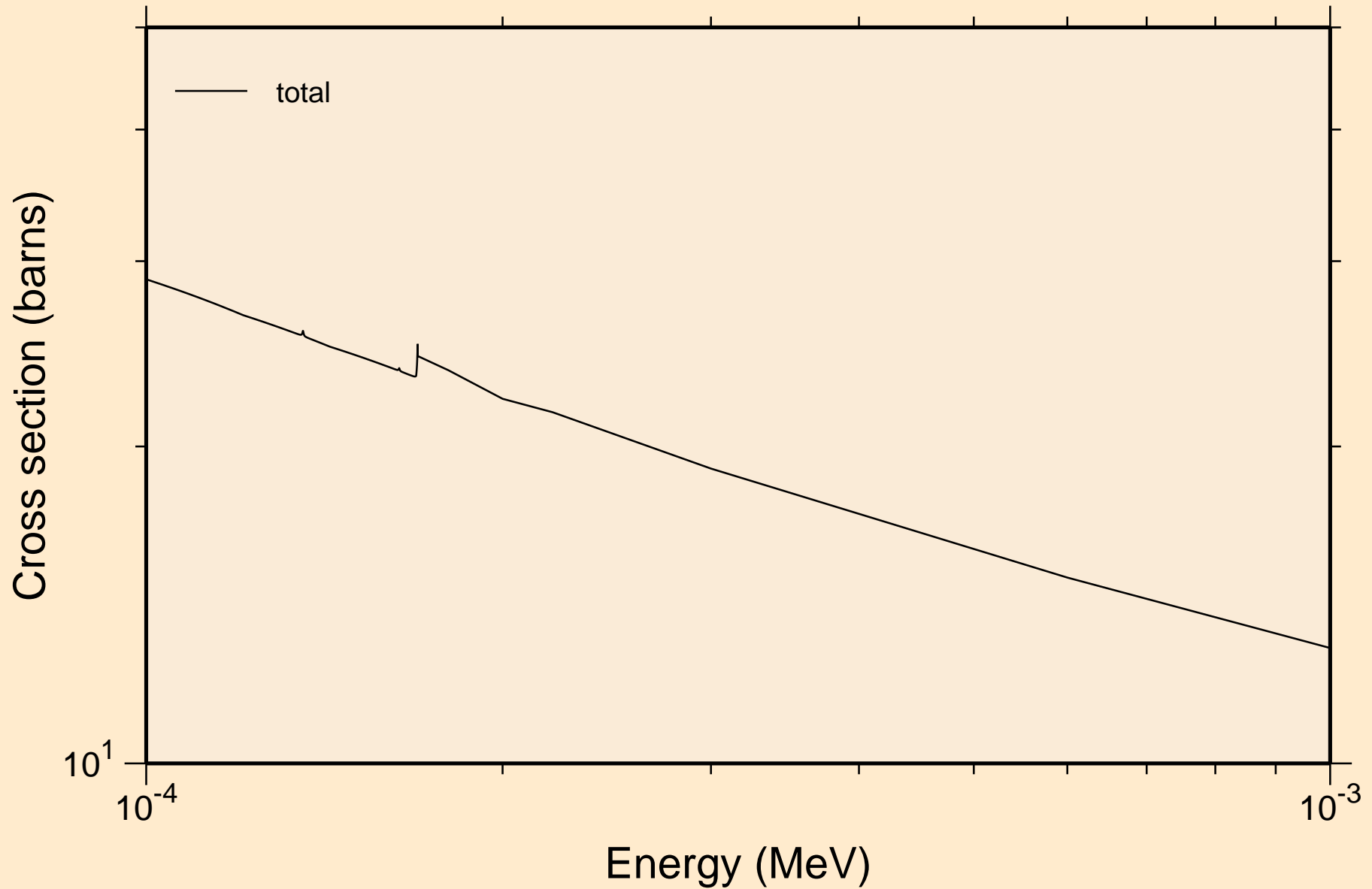
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



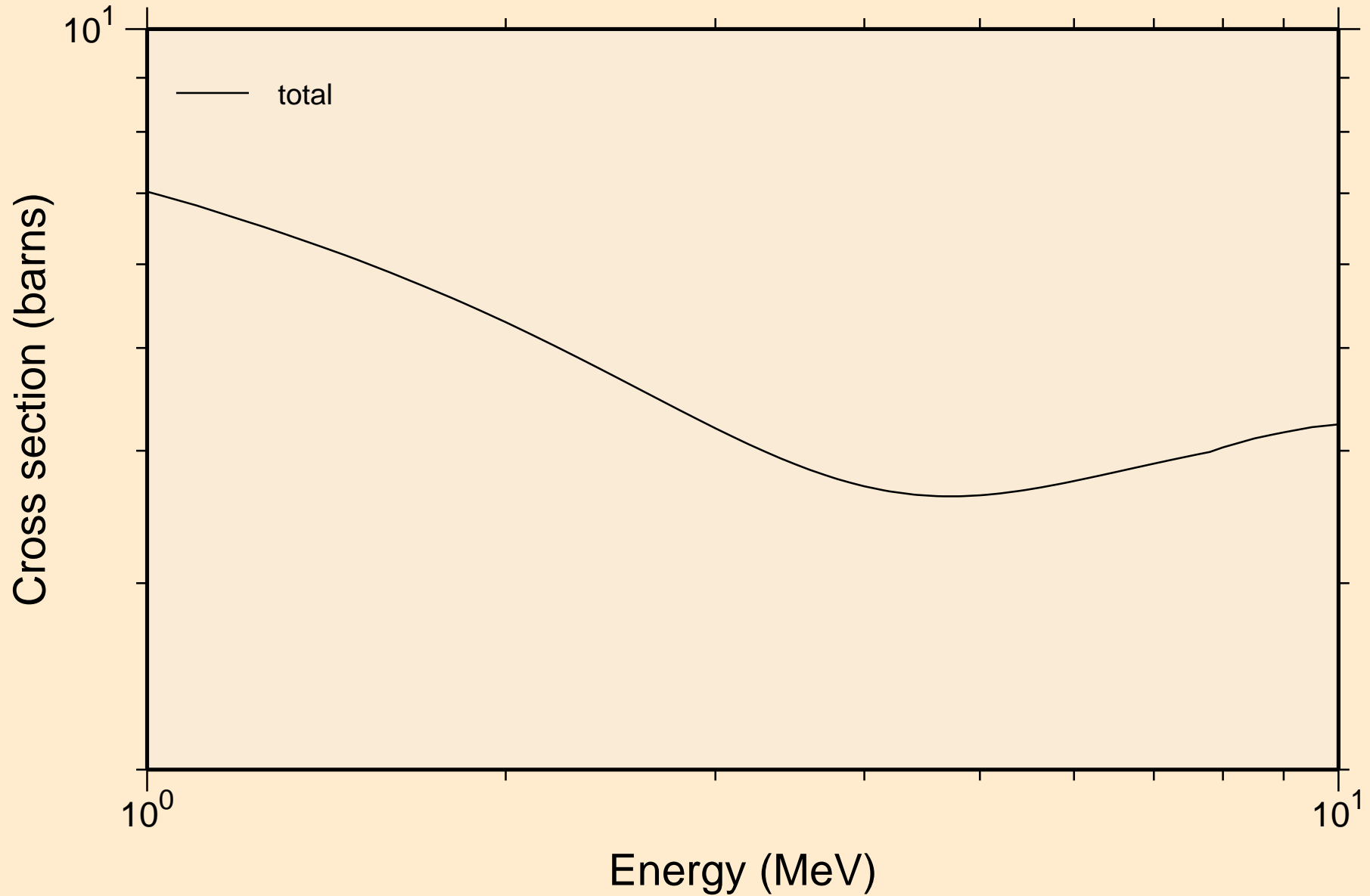
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



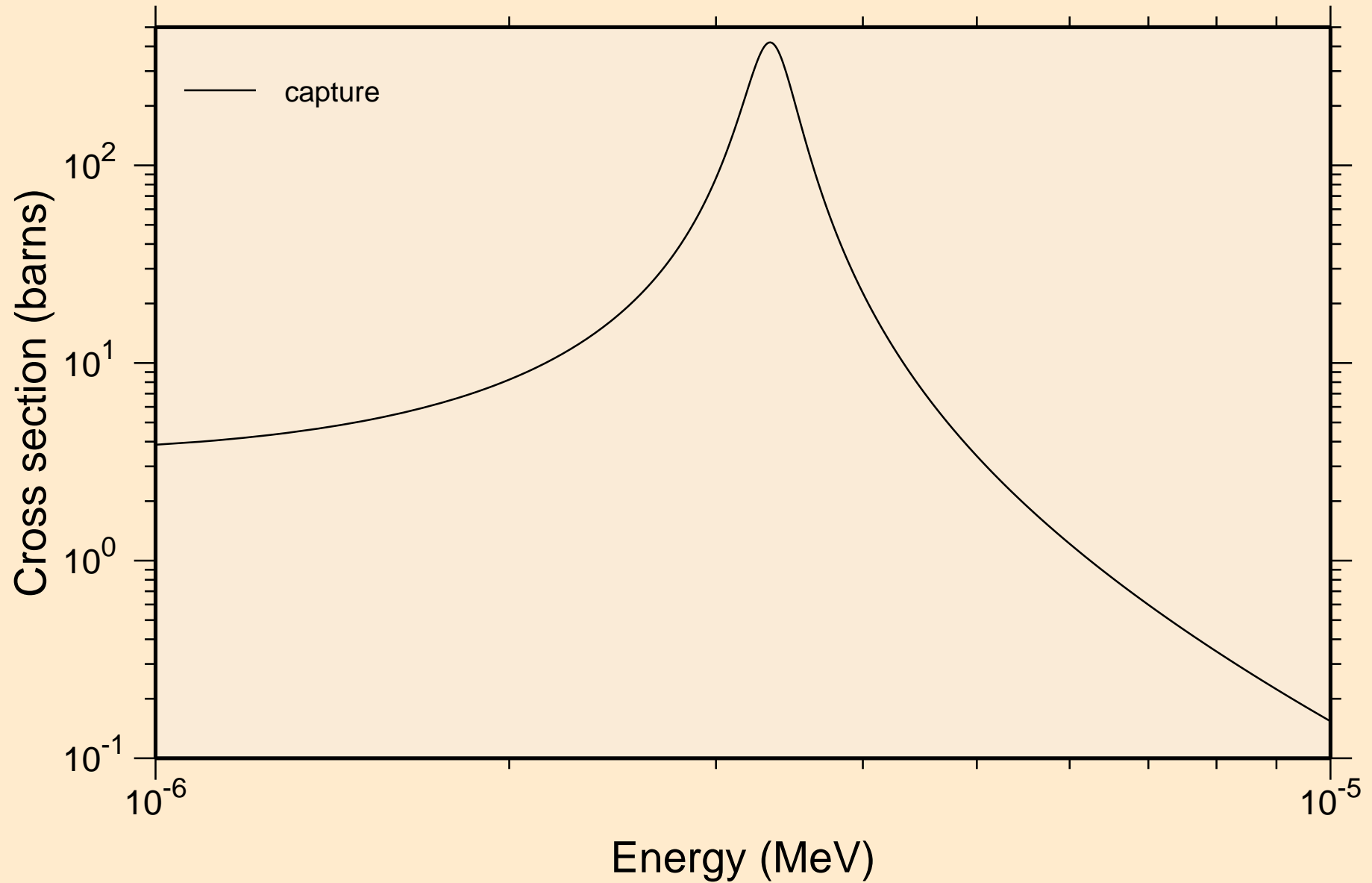
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



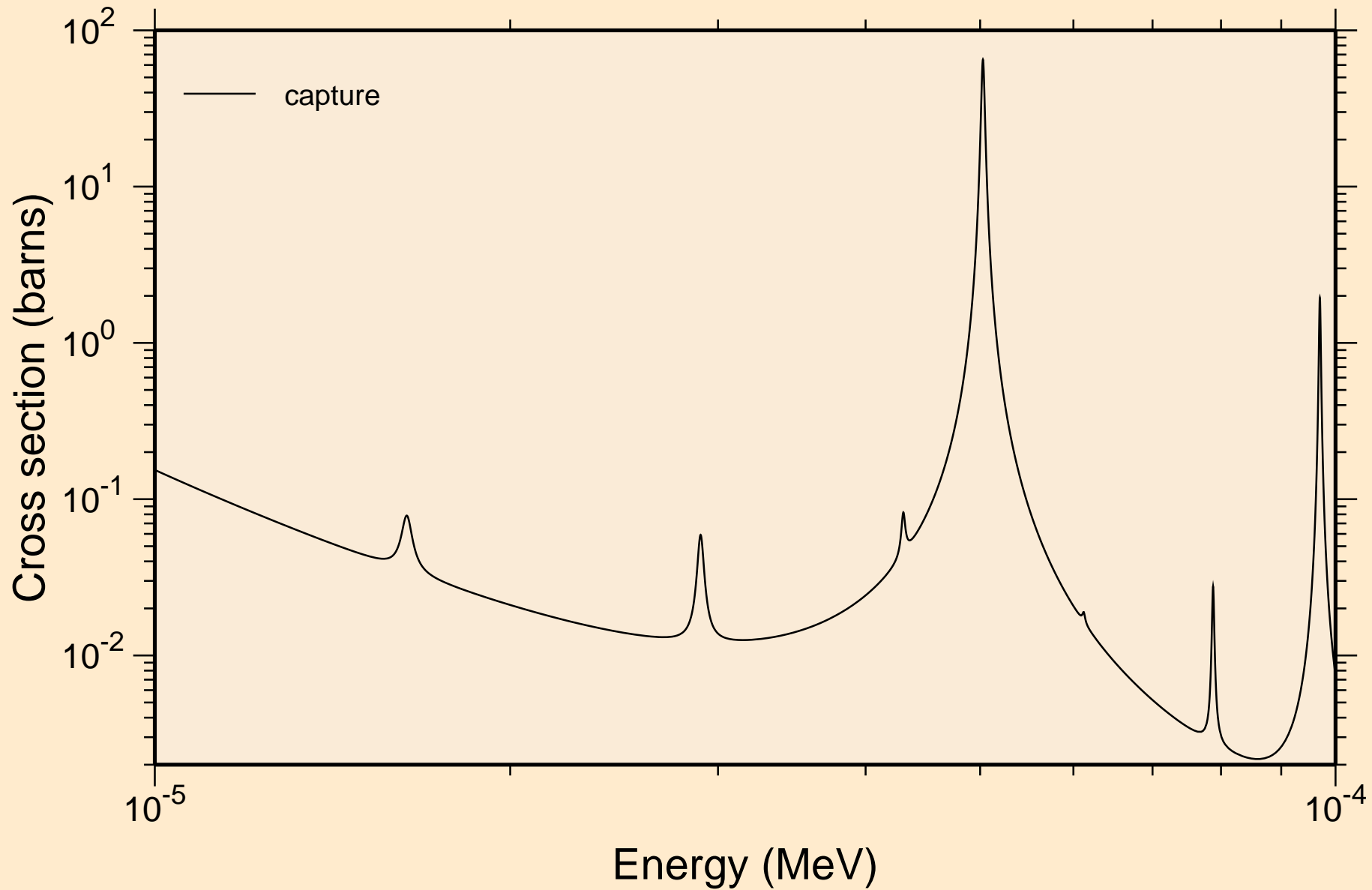
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



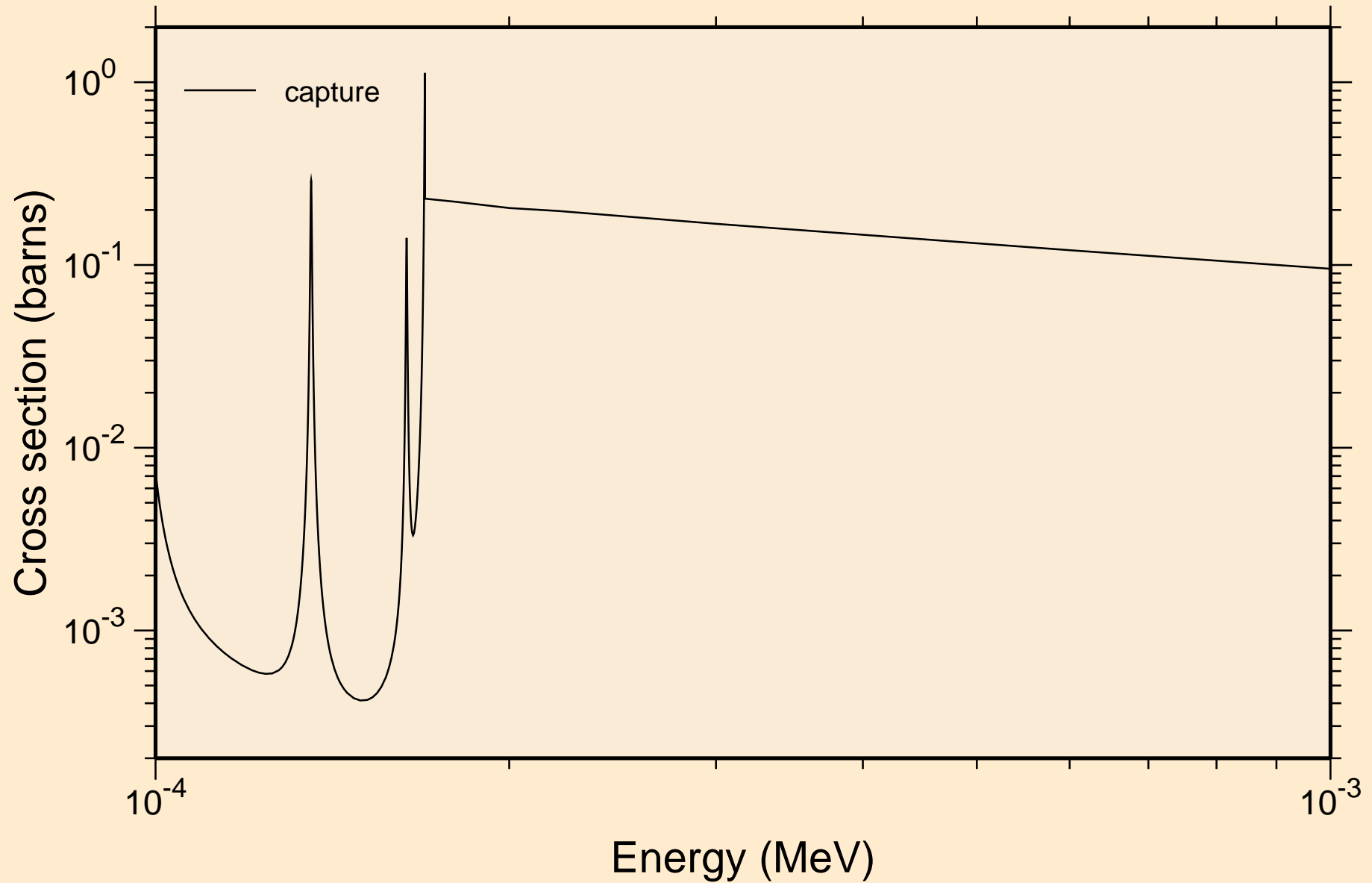
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

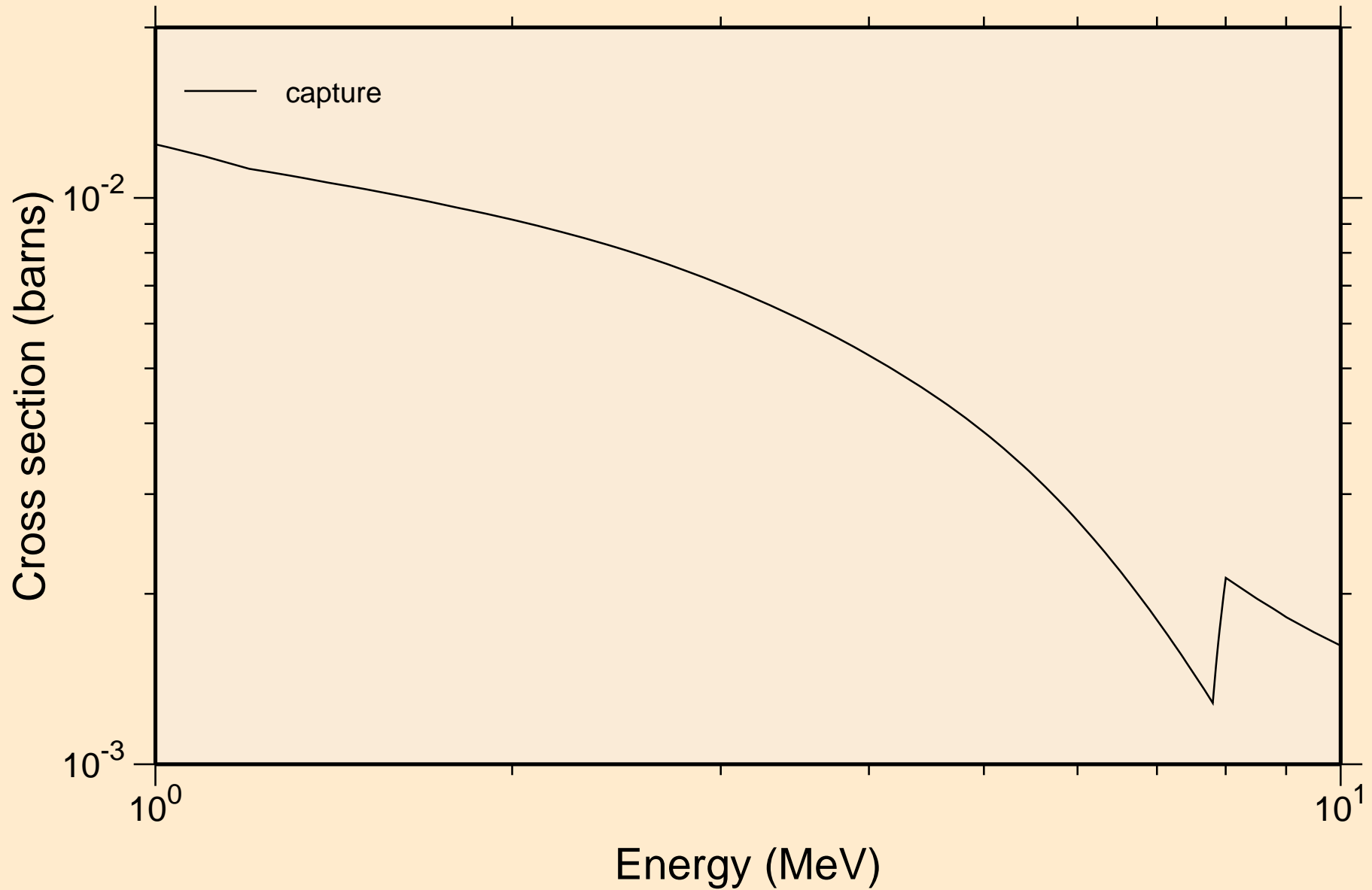


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



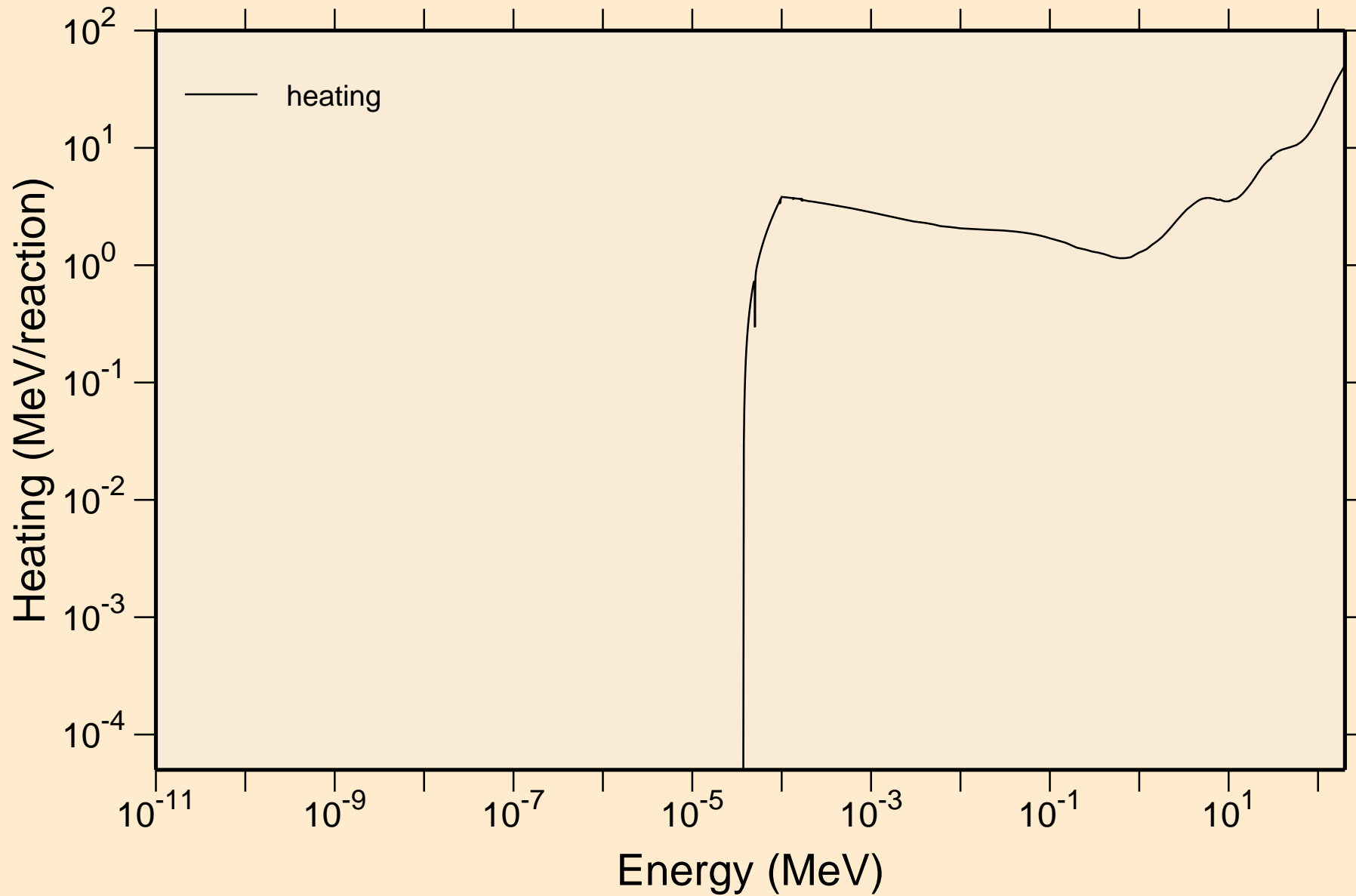


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

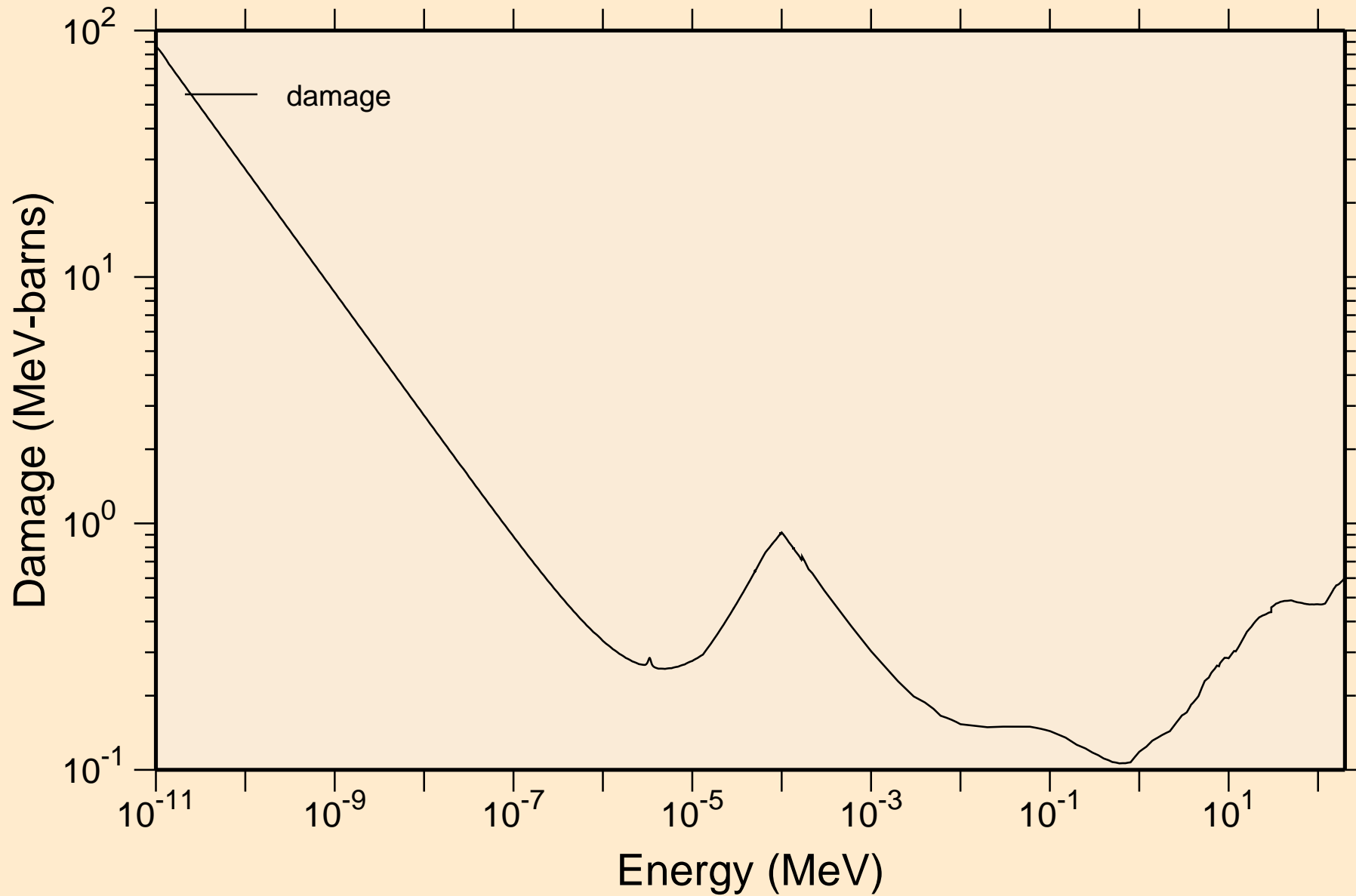


# AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

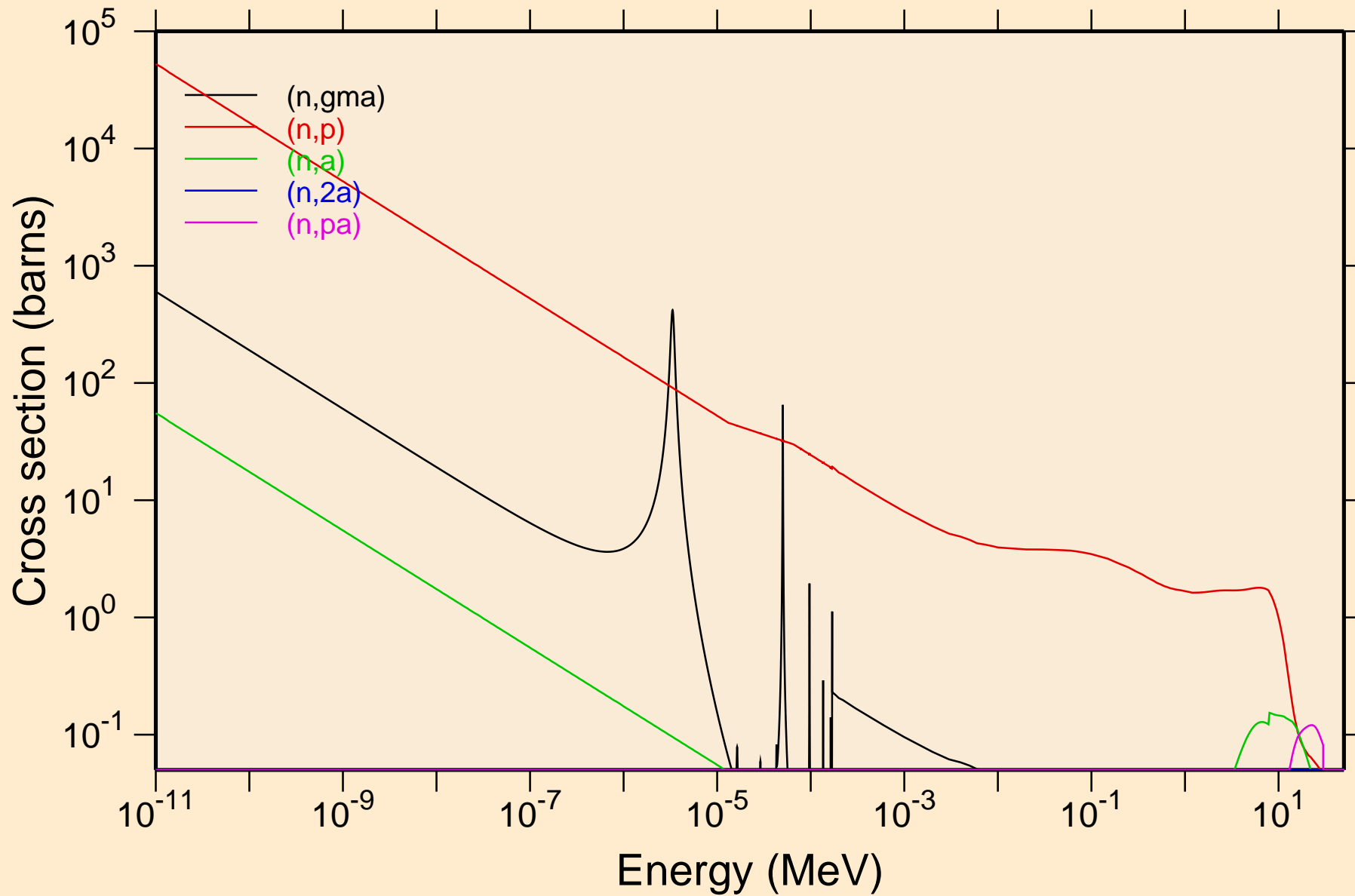


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



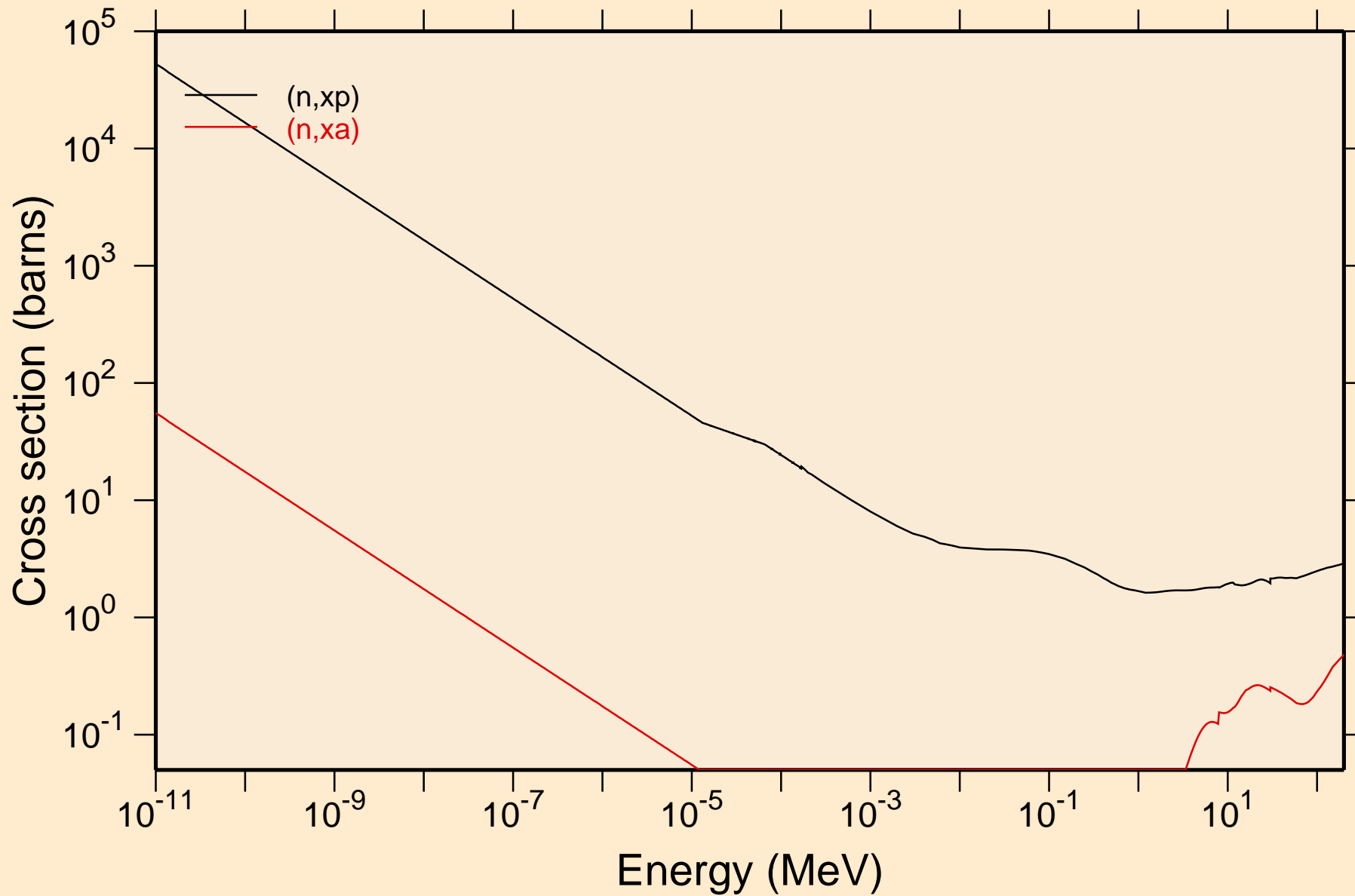
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## Non-threshold reactions



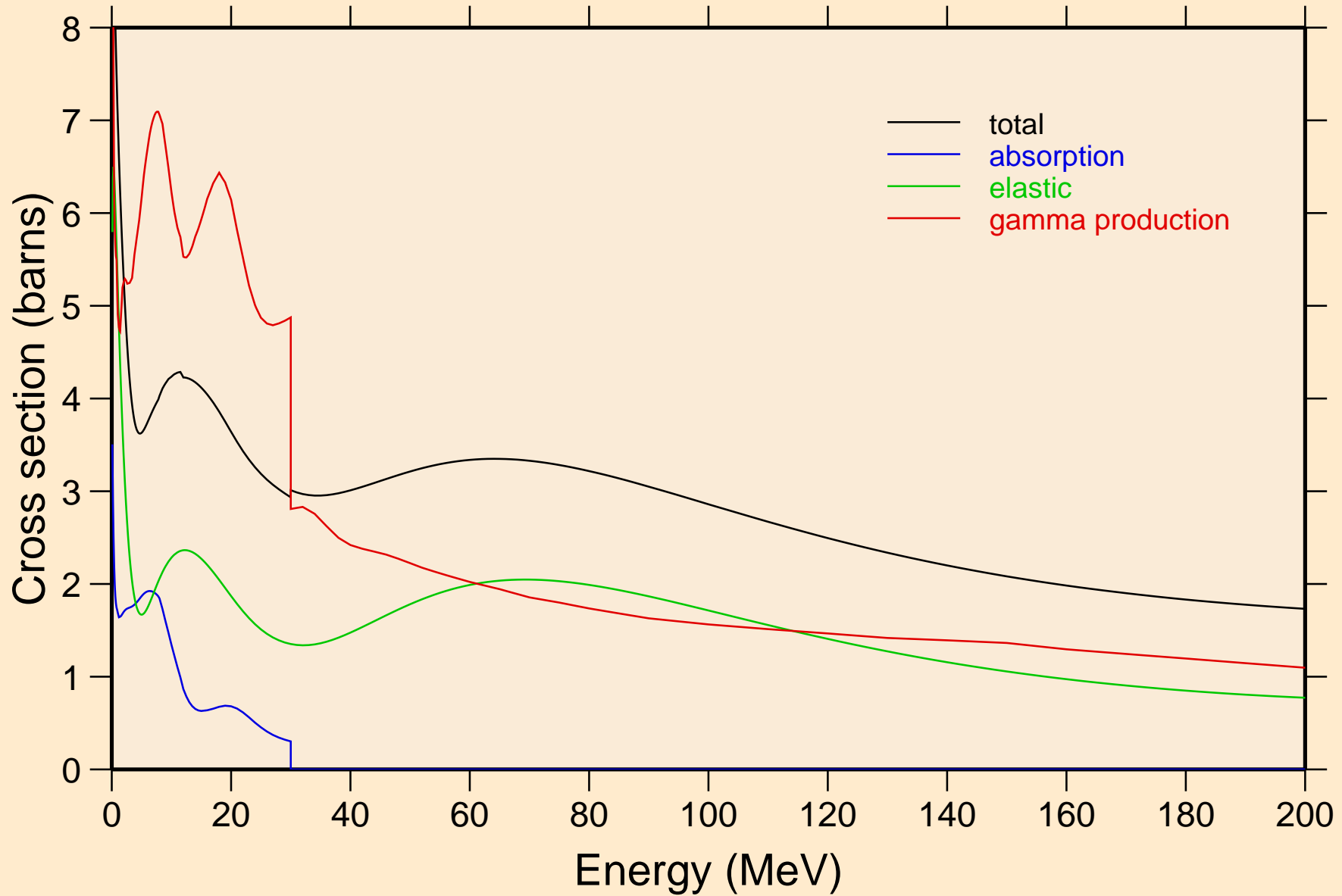
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## Non-threshold reactions



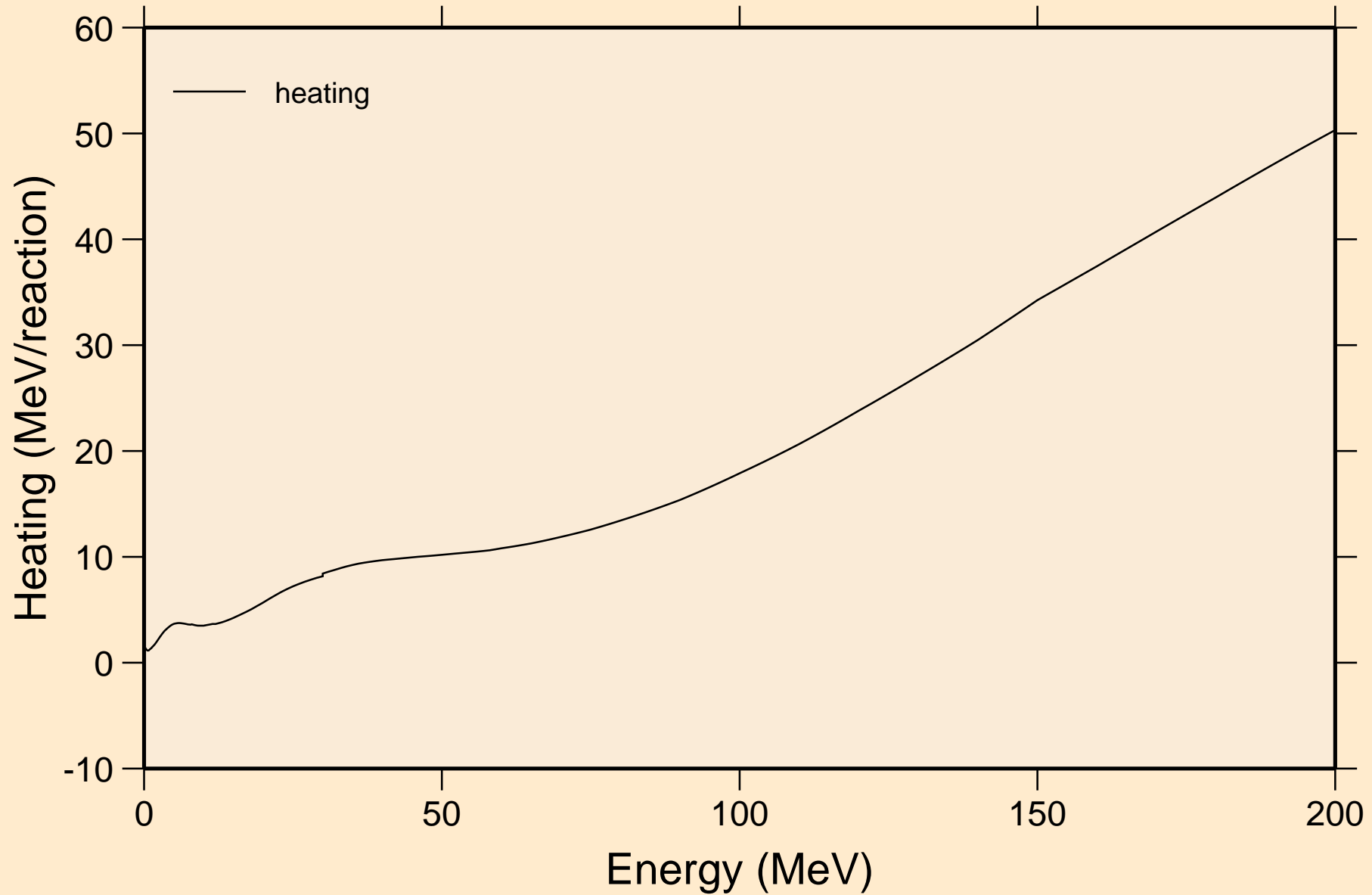
# AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

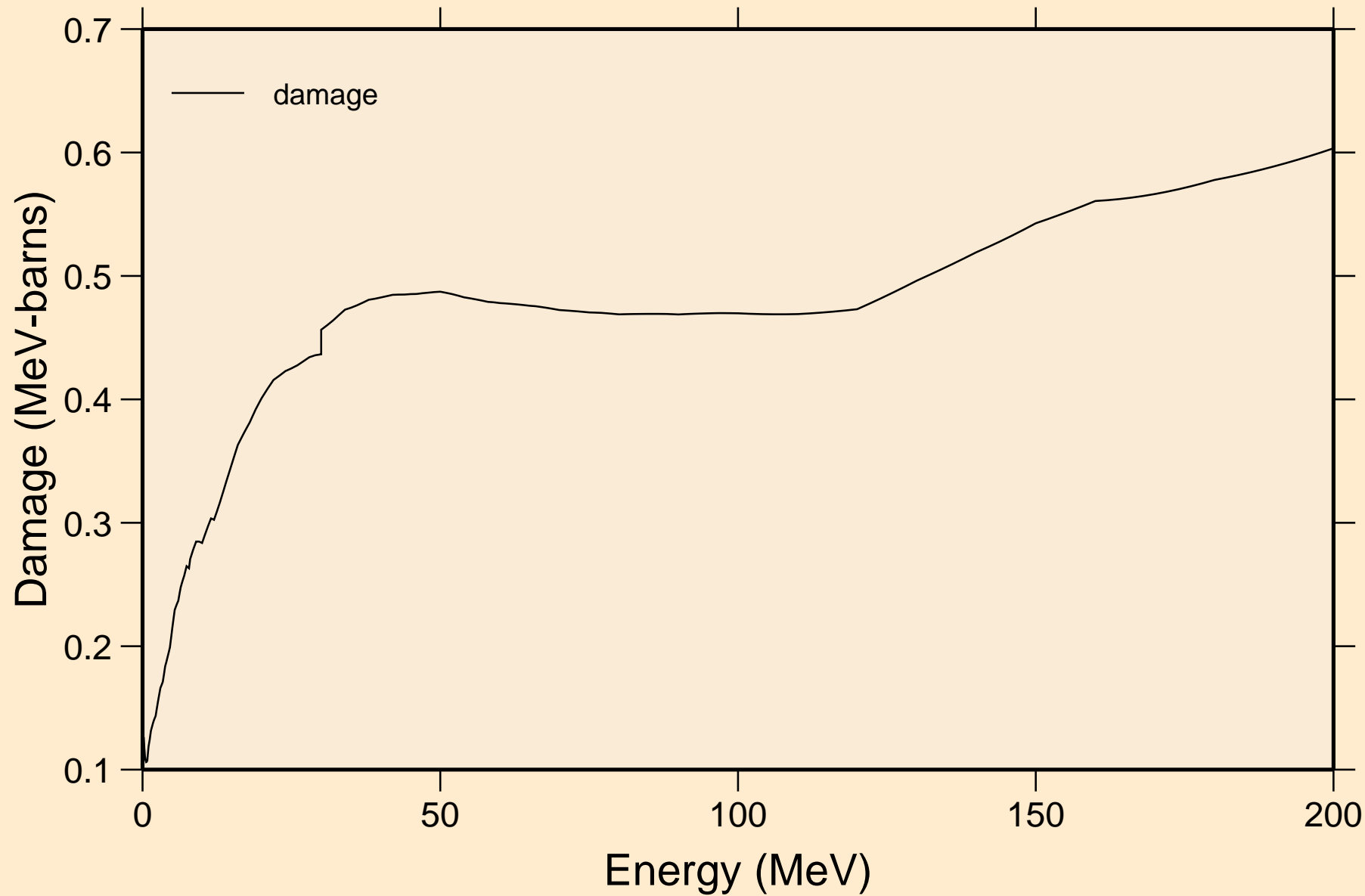


# AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



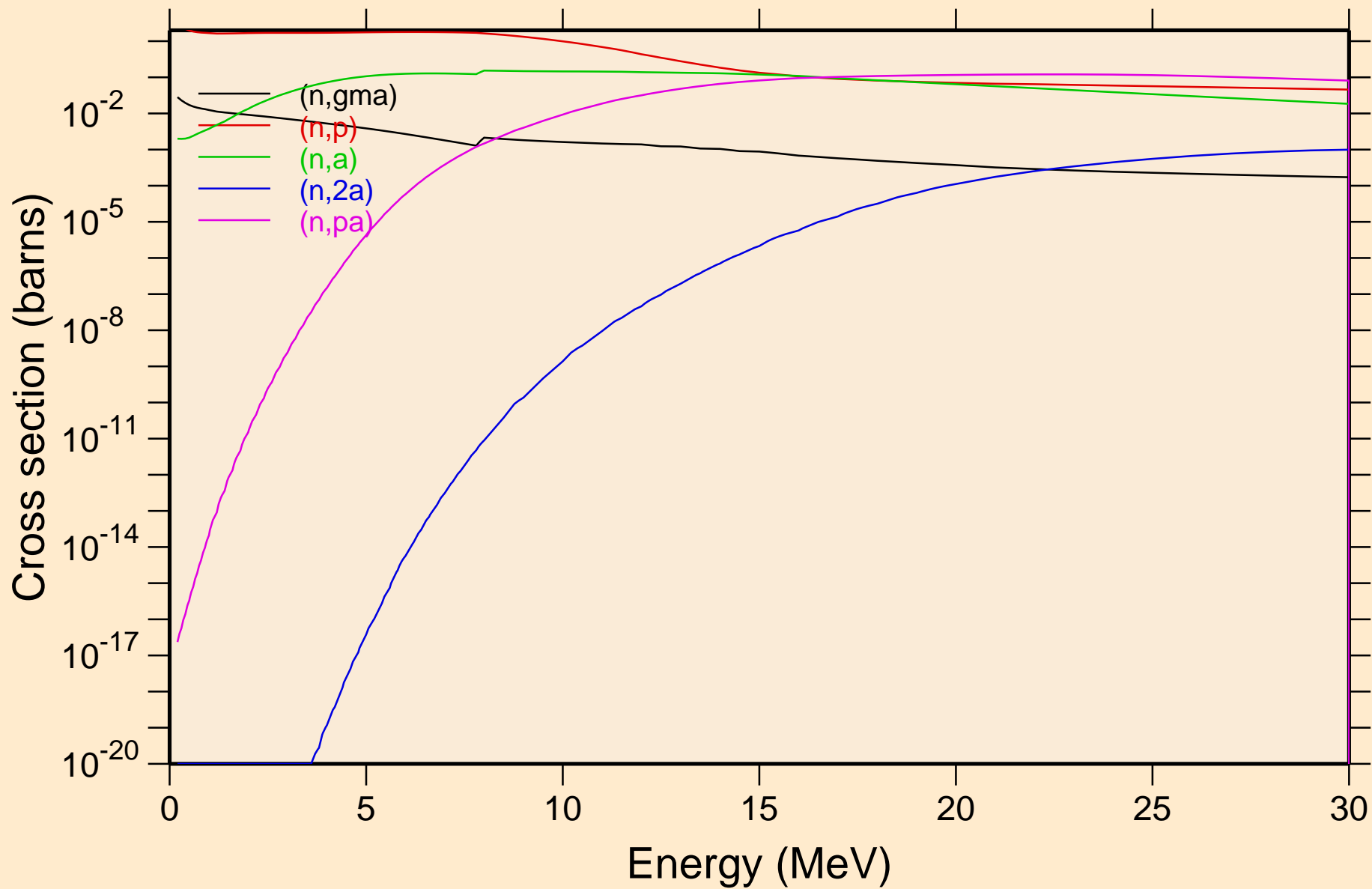
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



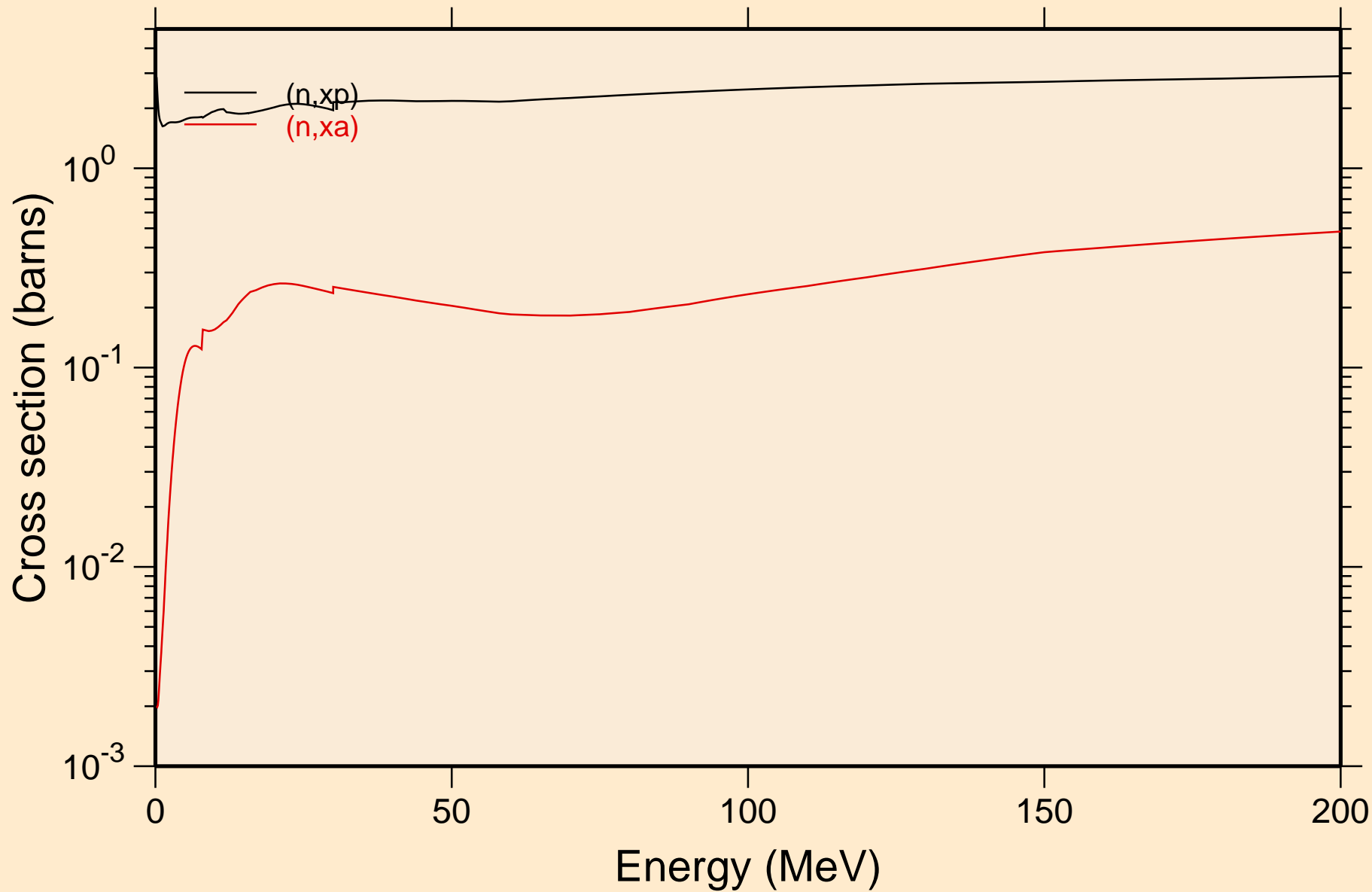


# AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

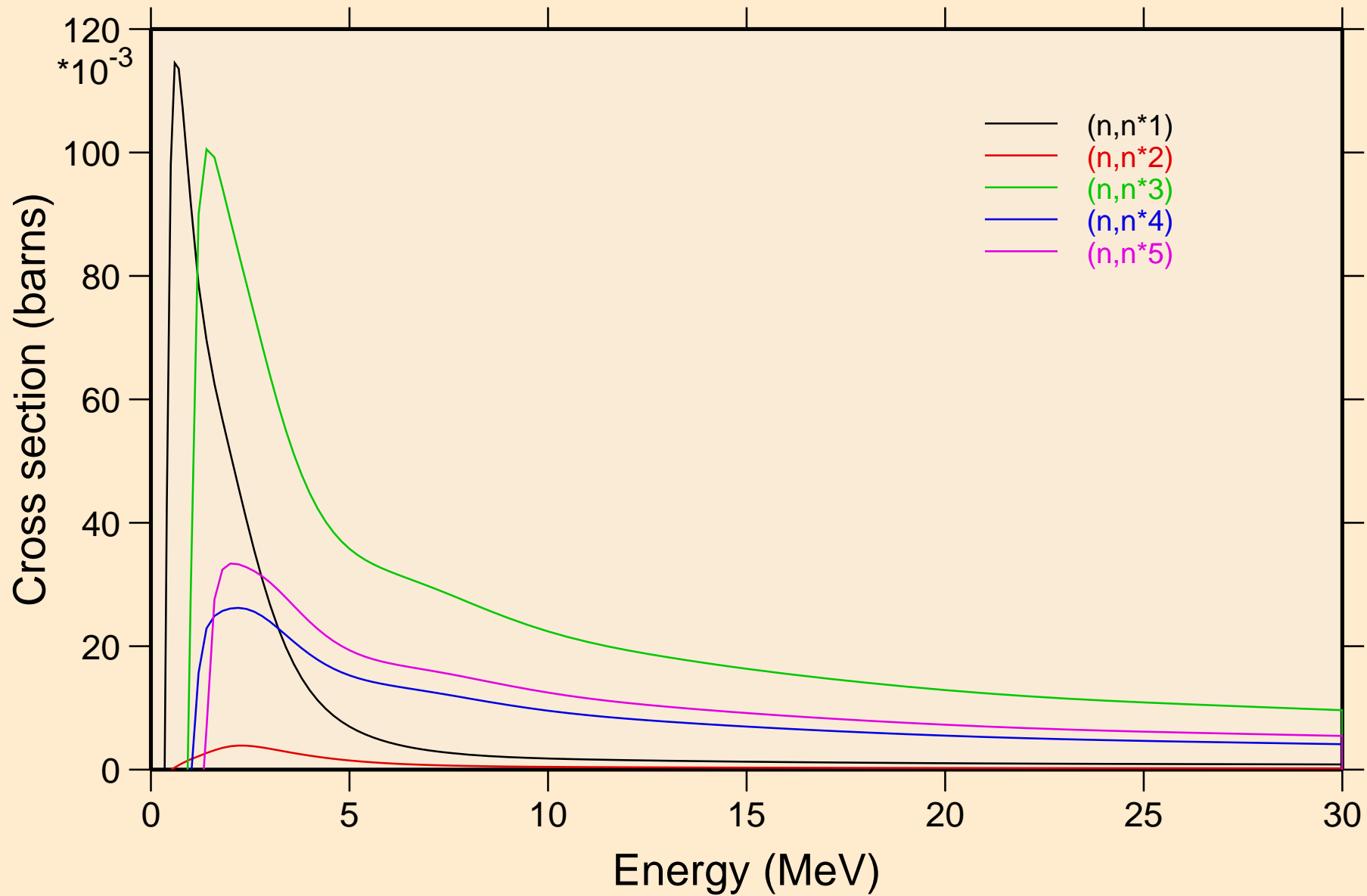
## Non-threshold reactions



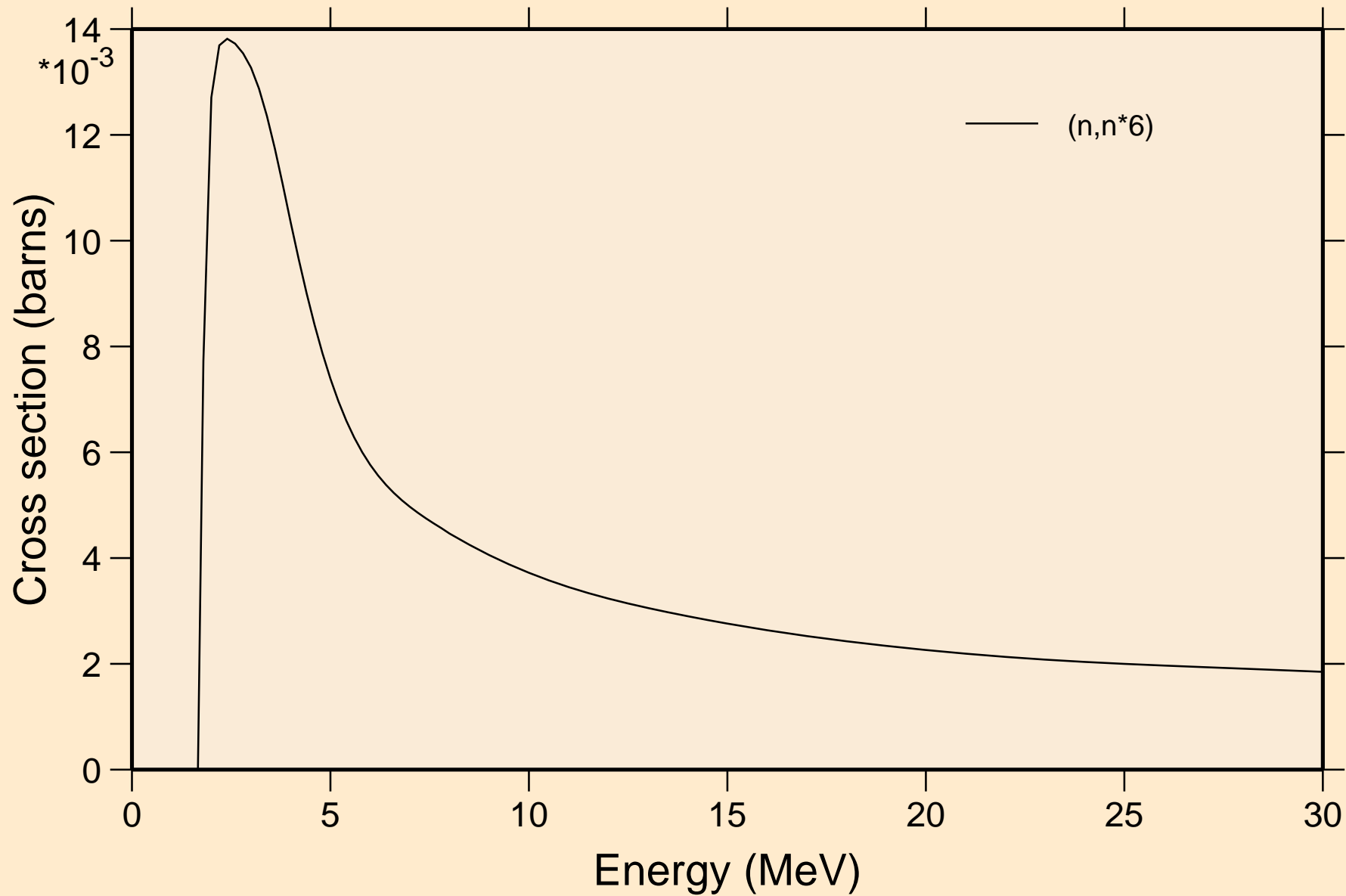
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

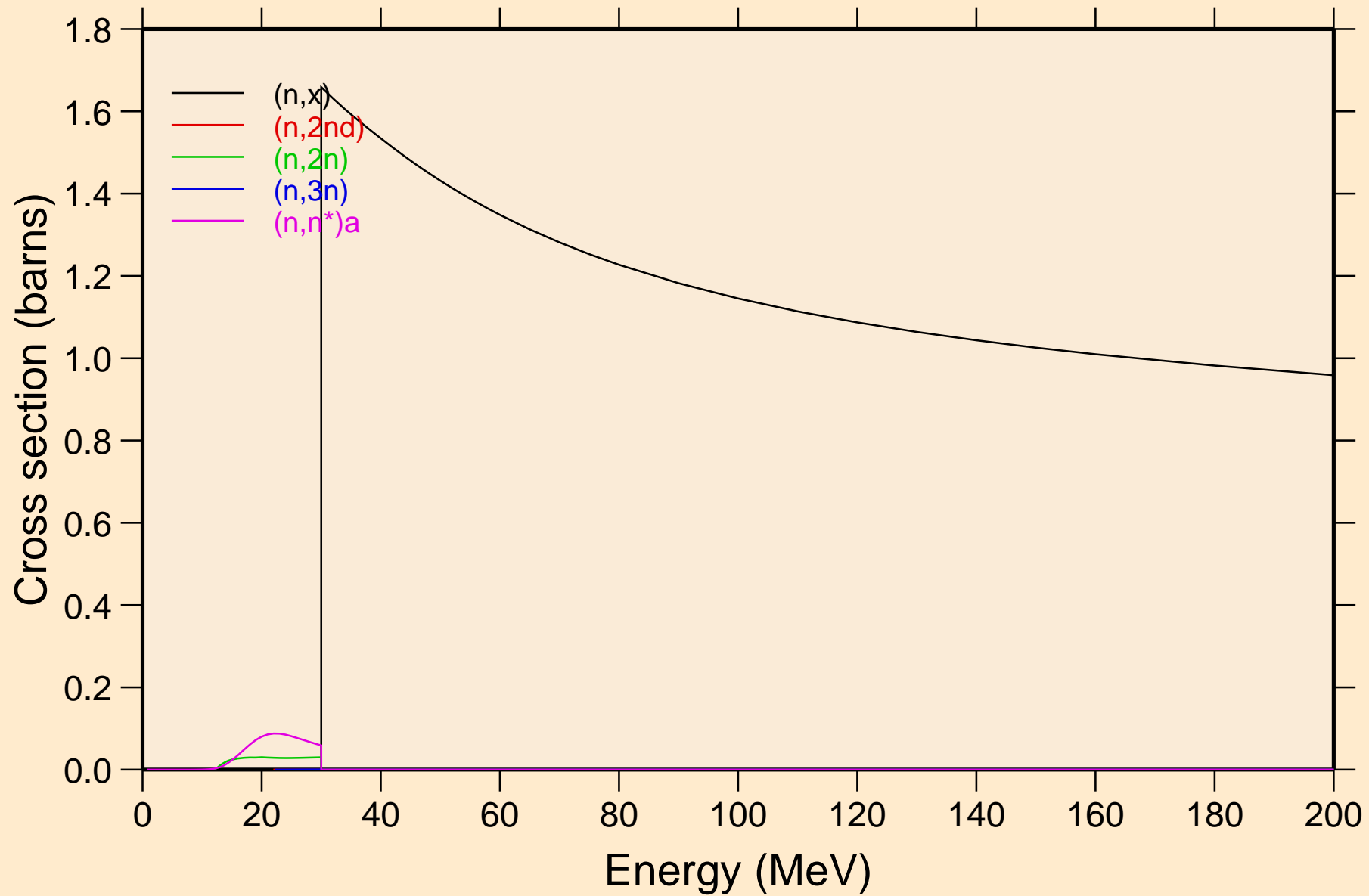


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

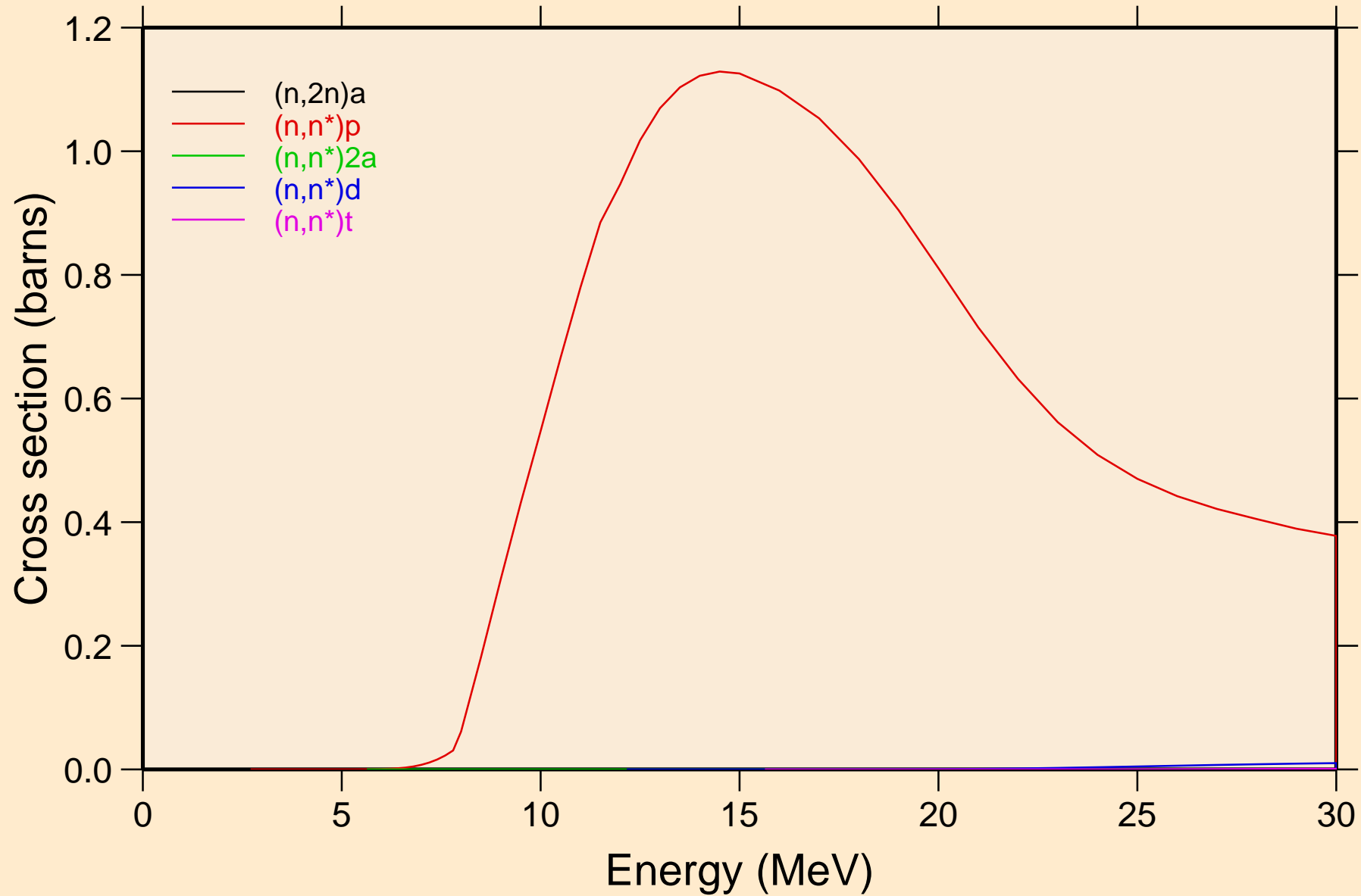


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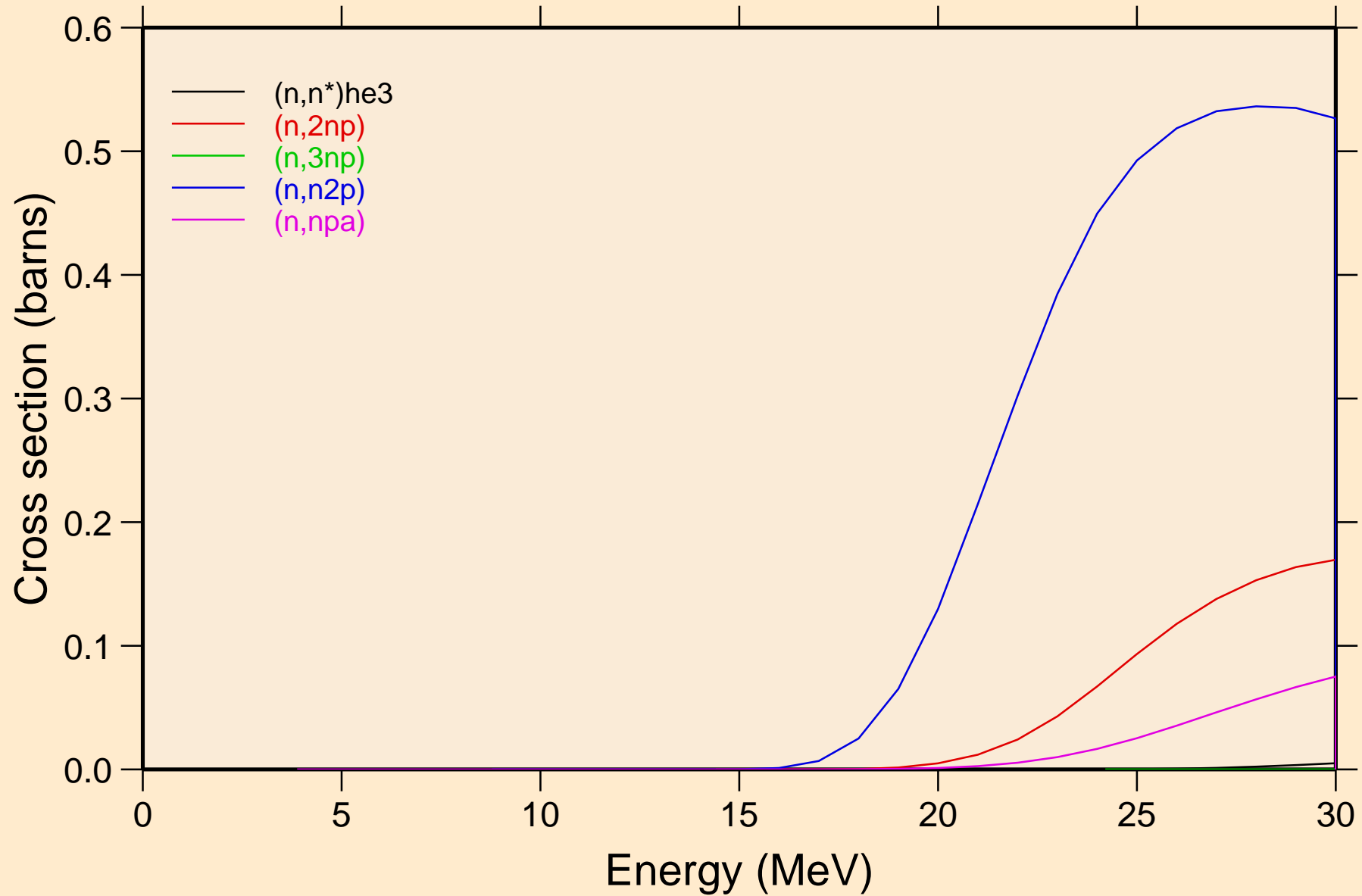
## Threshold reactions



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

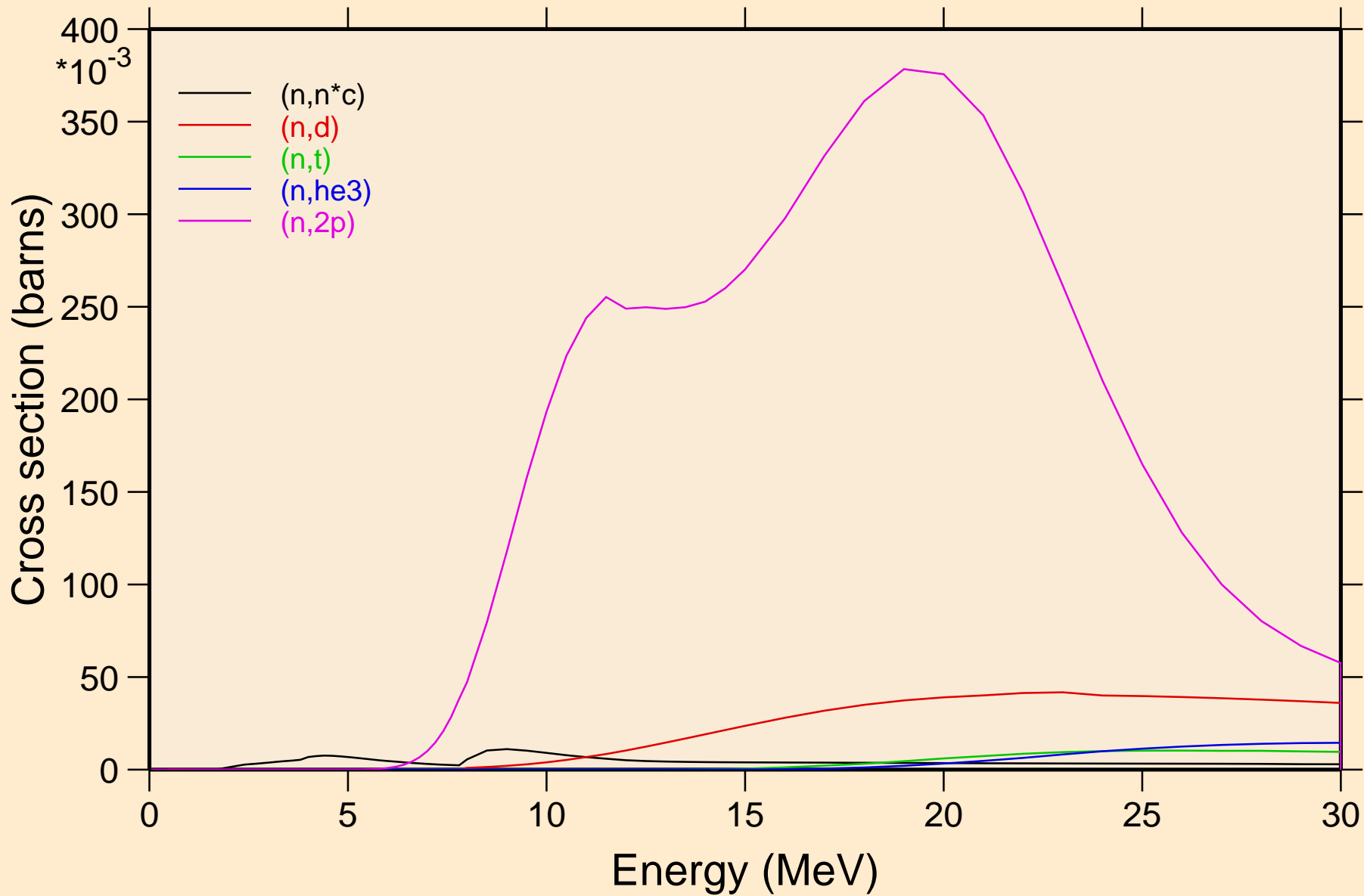


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



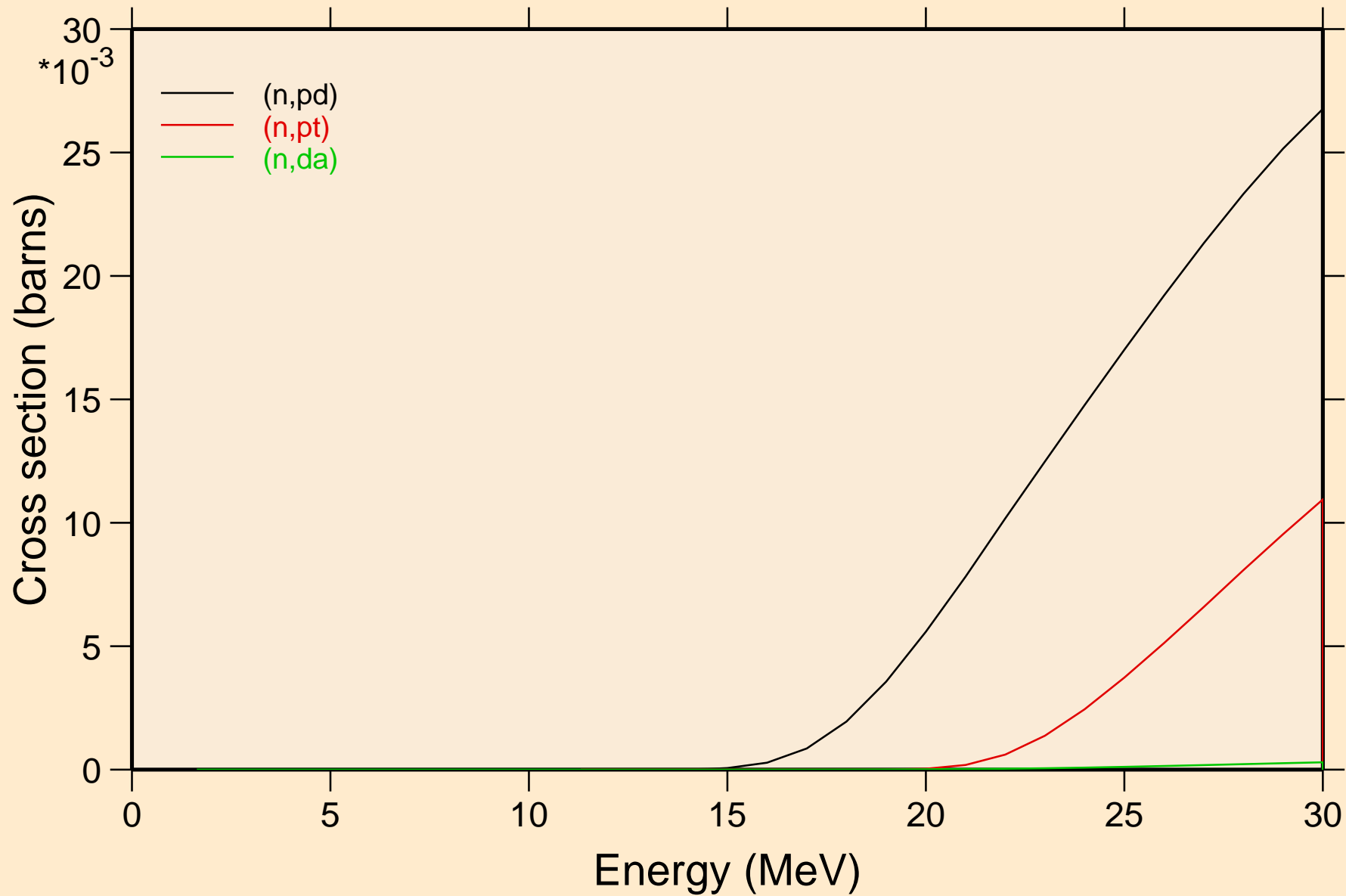
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## Threshold reactions

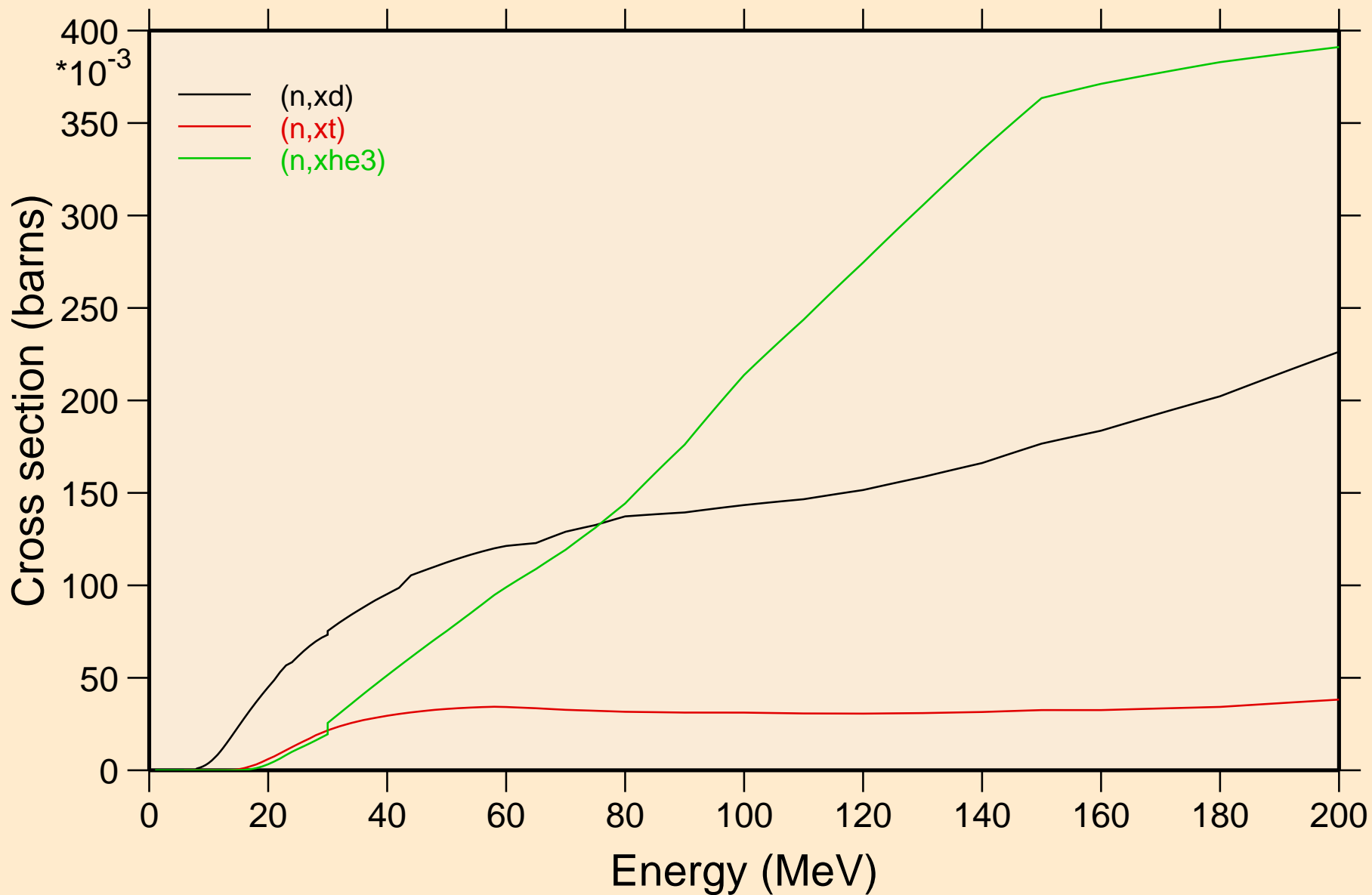




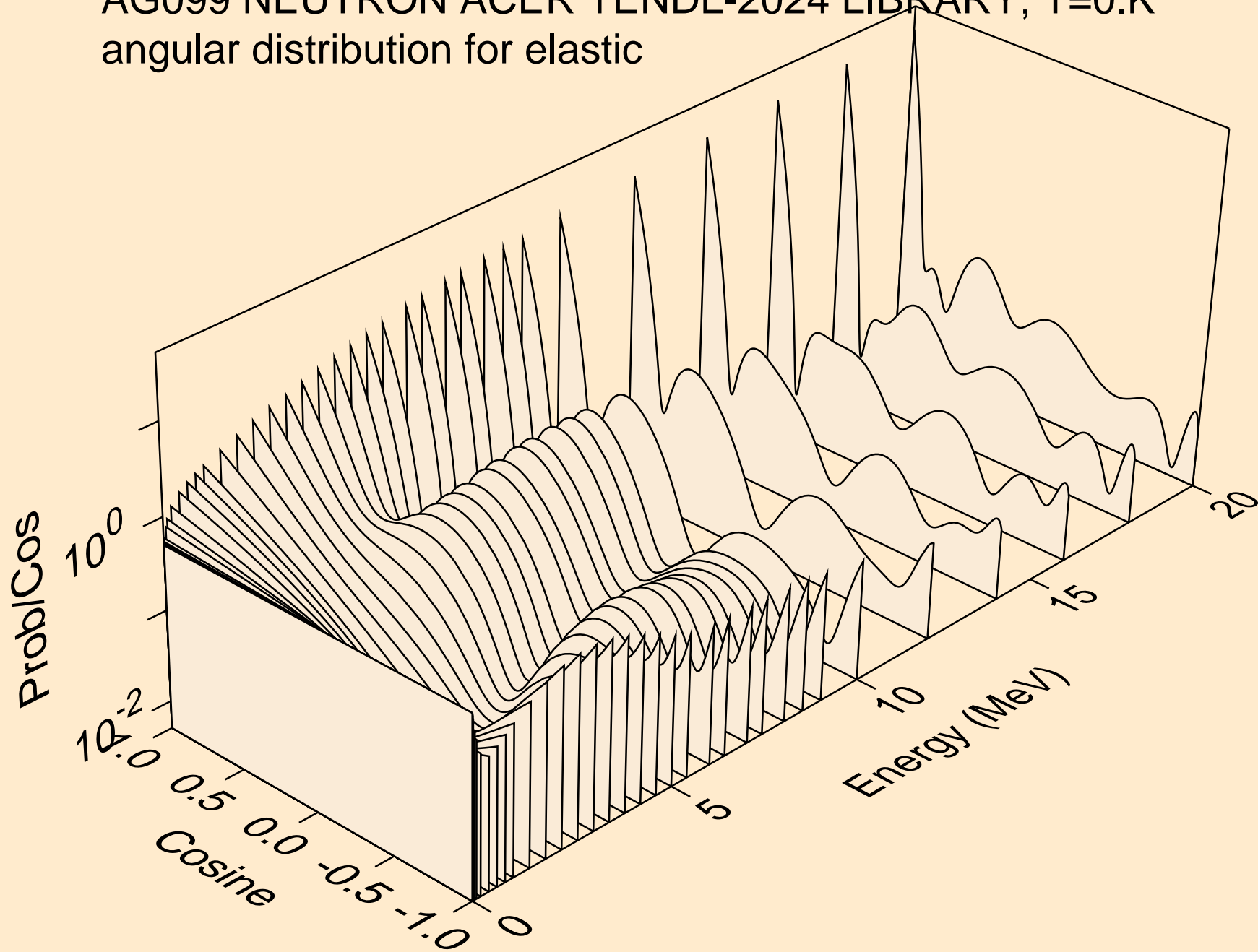
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



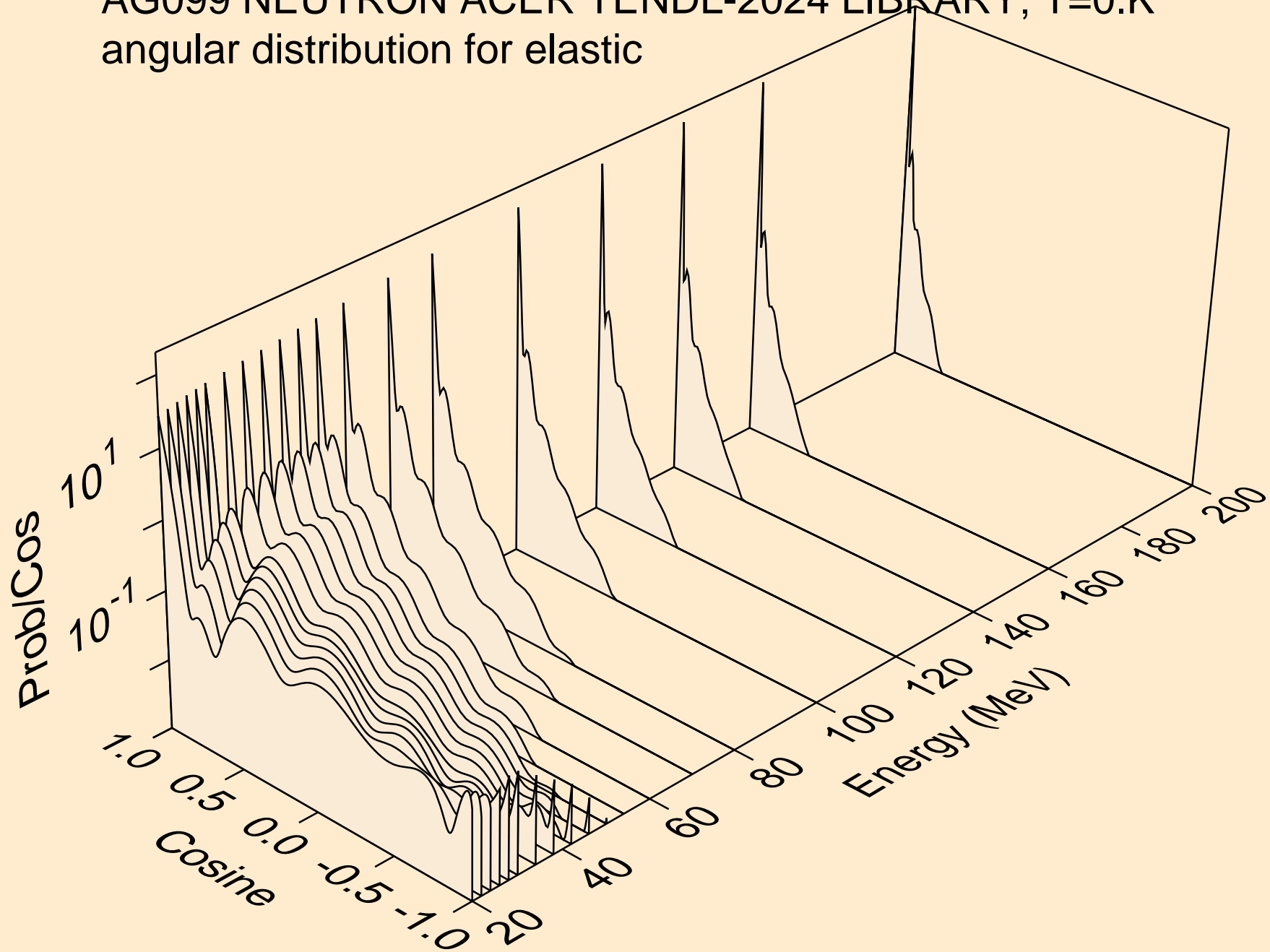
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



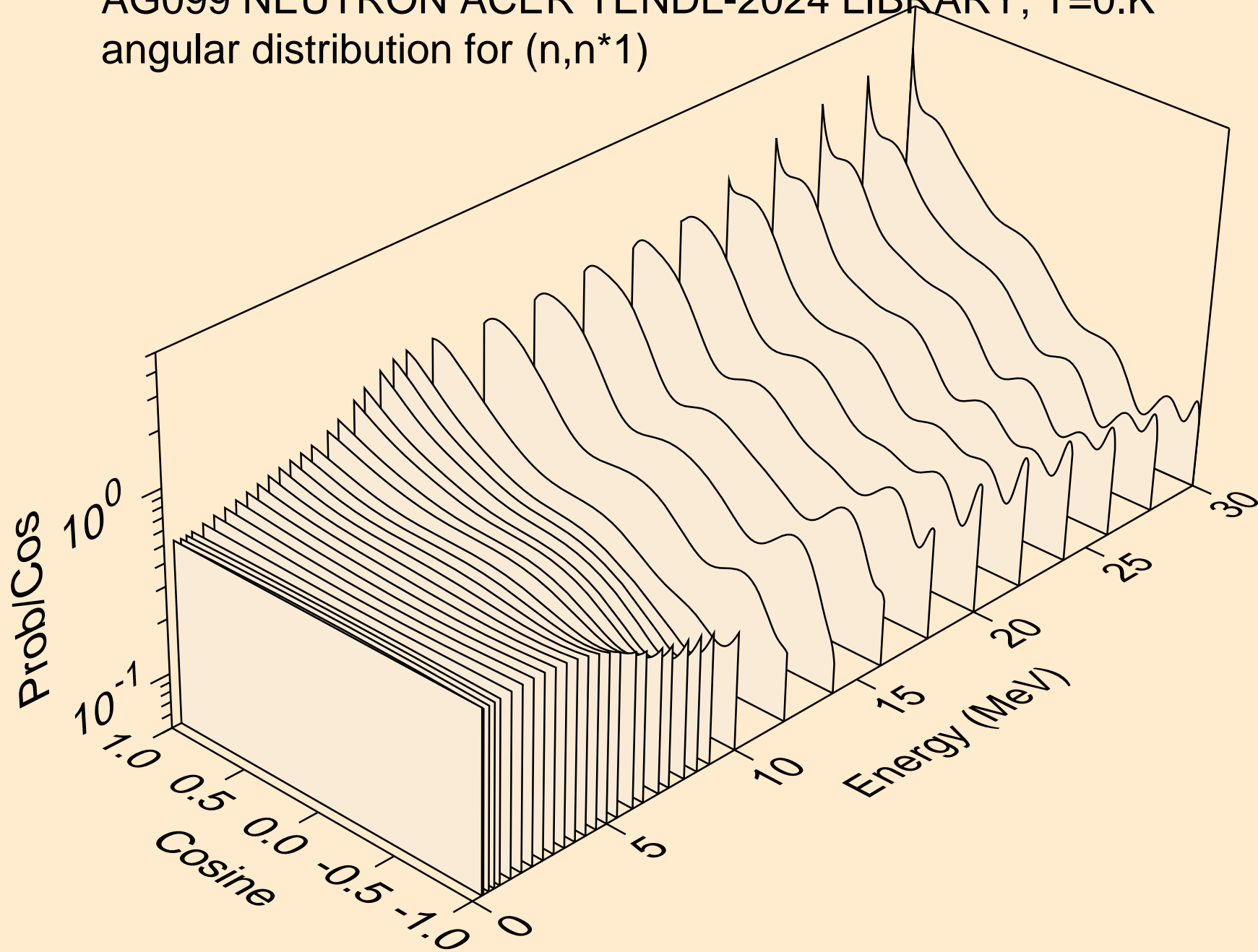
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angular distribution for elastic



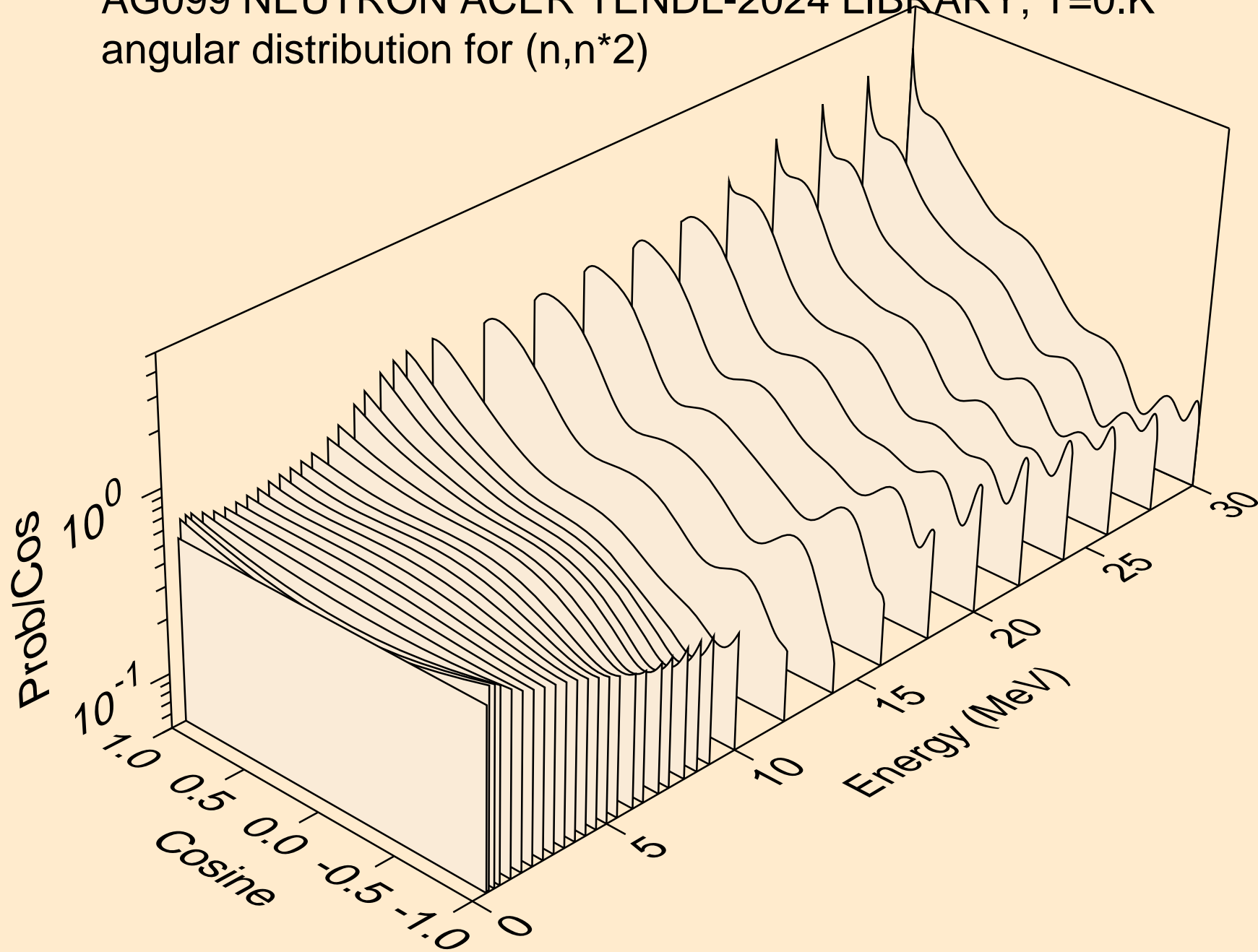
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angular distribution for elastic



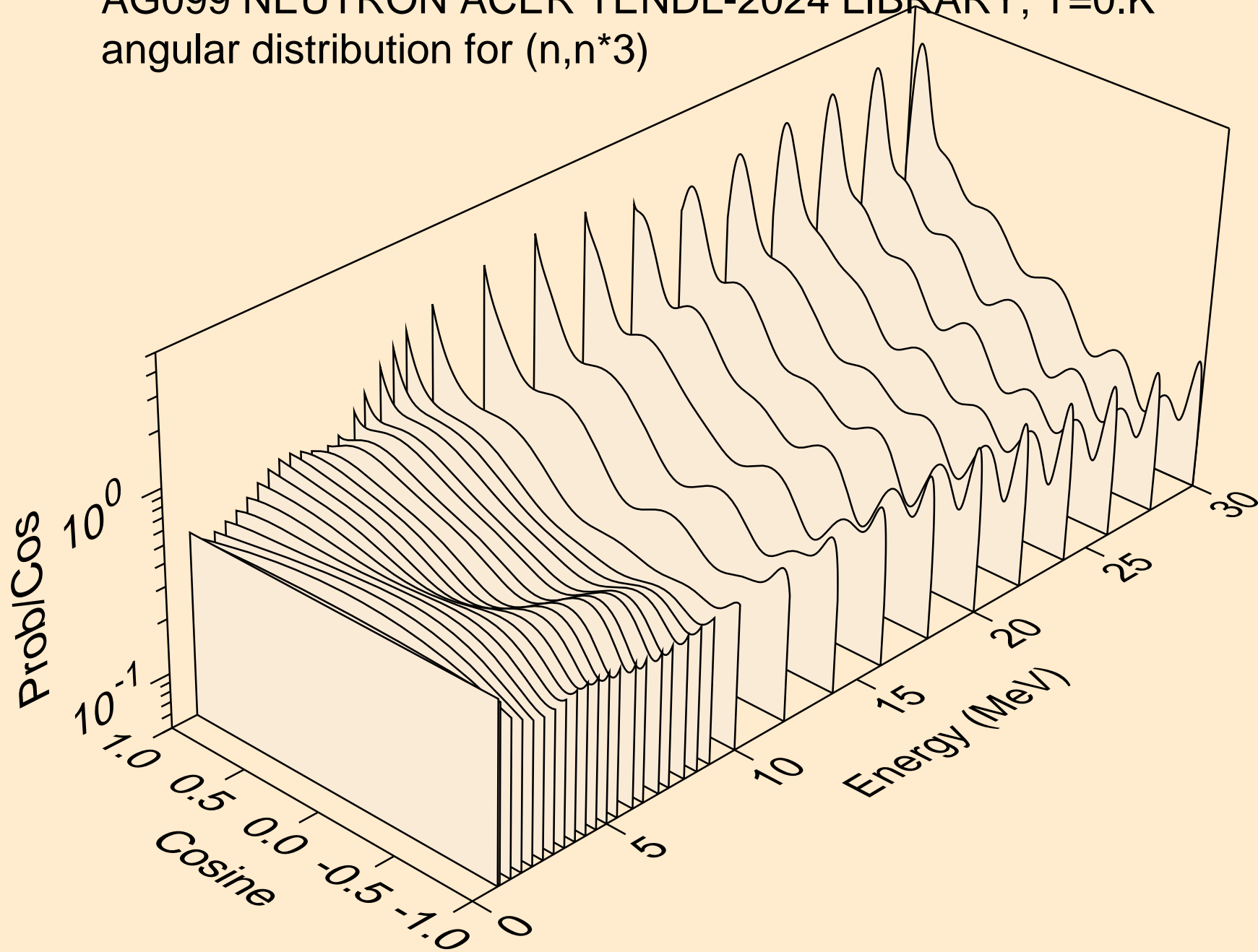
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



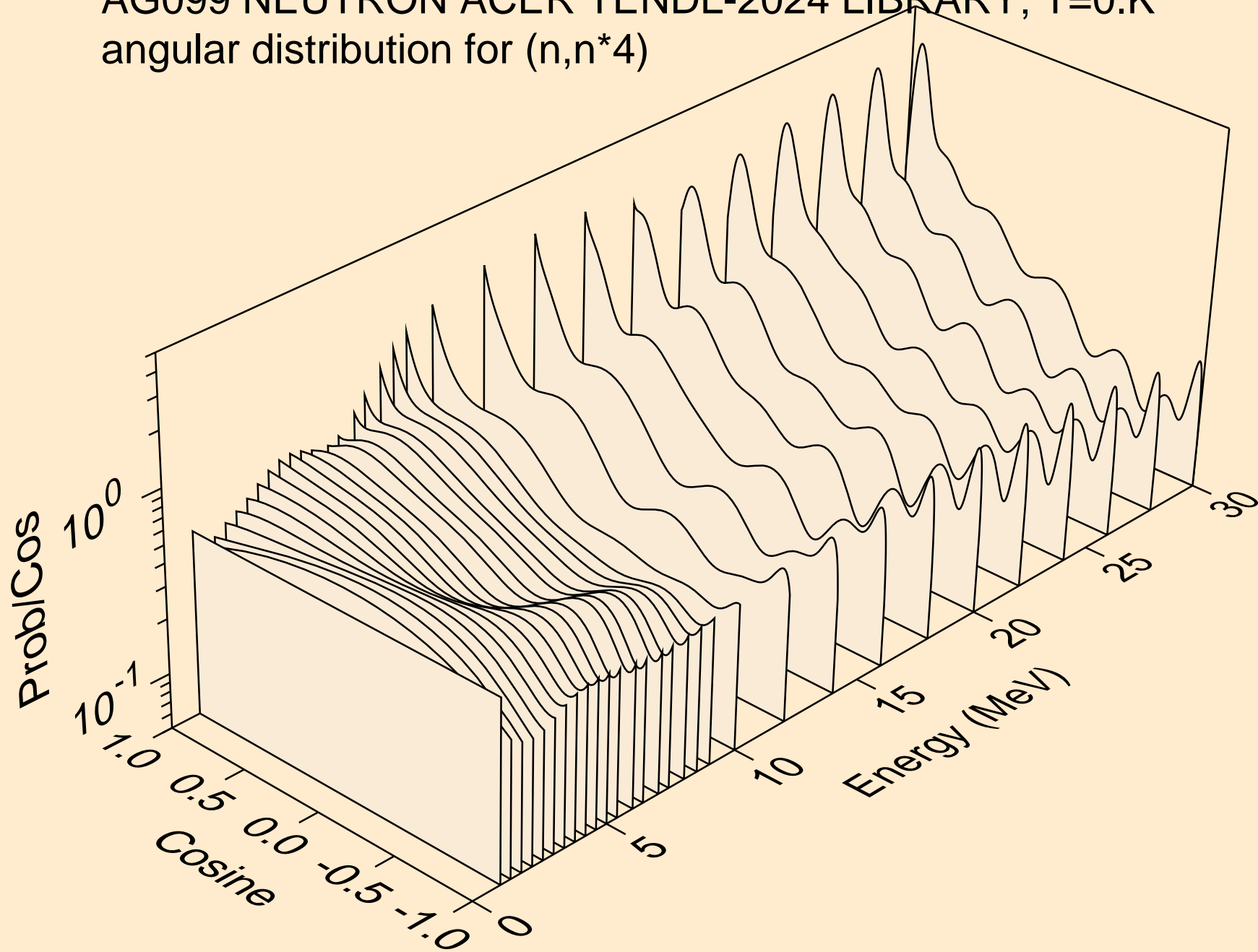
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

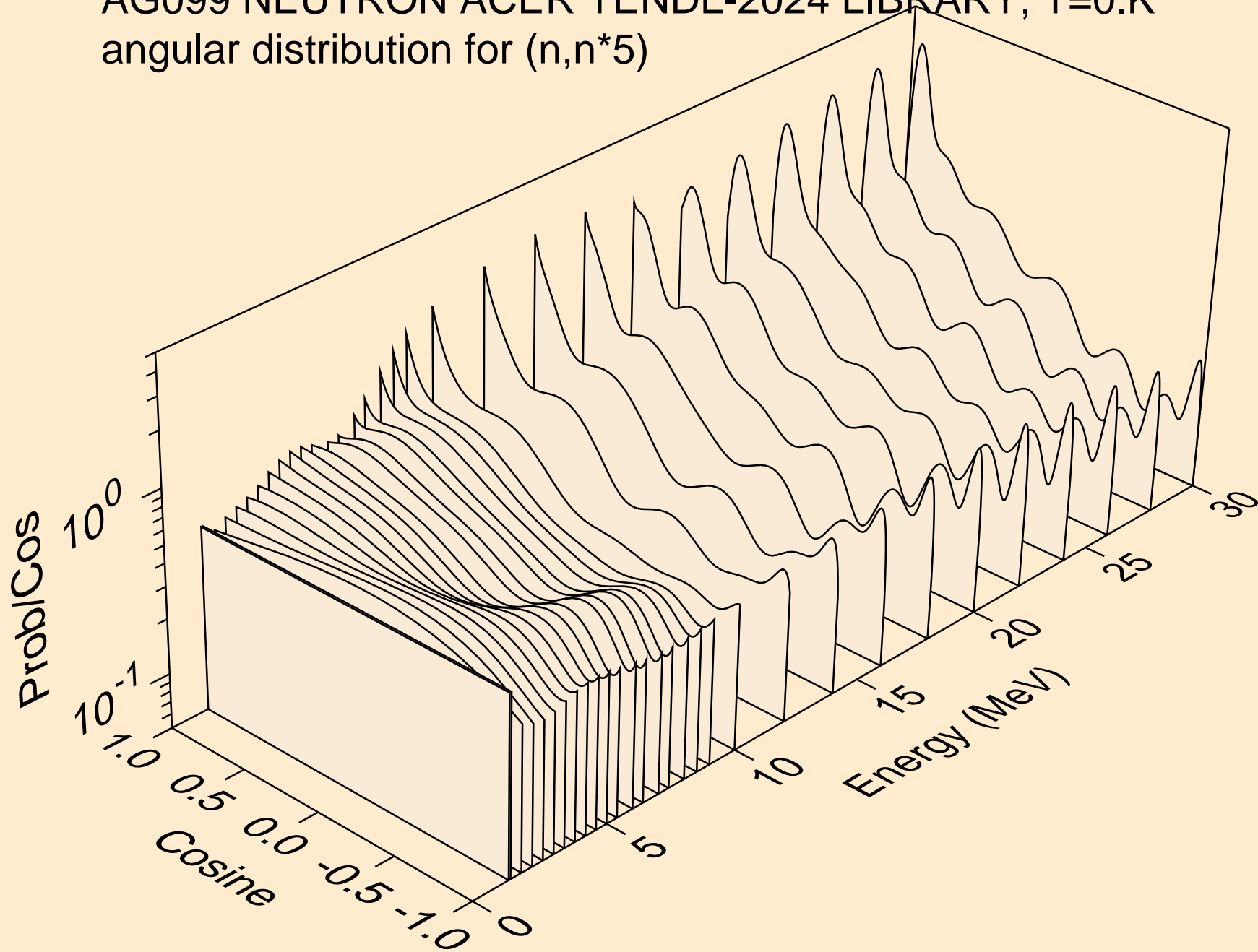


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

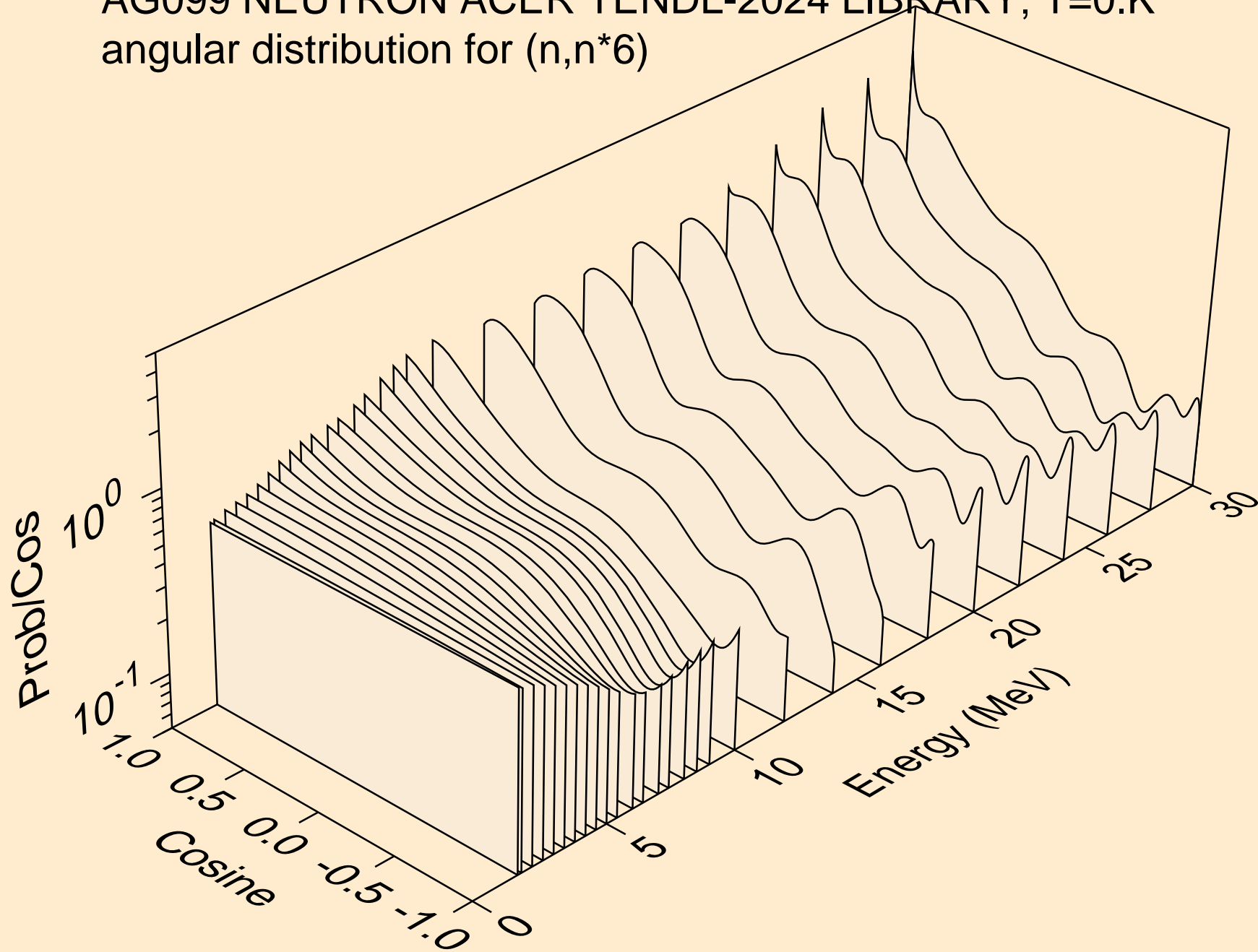




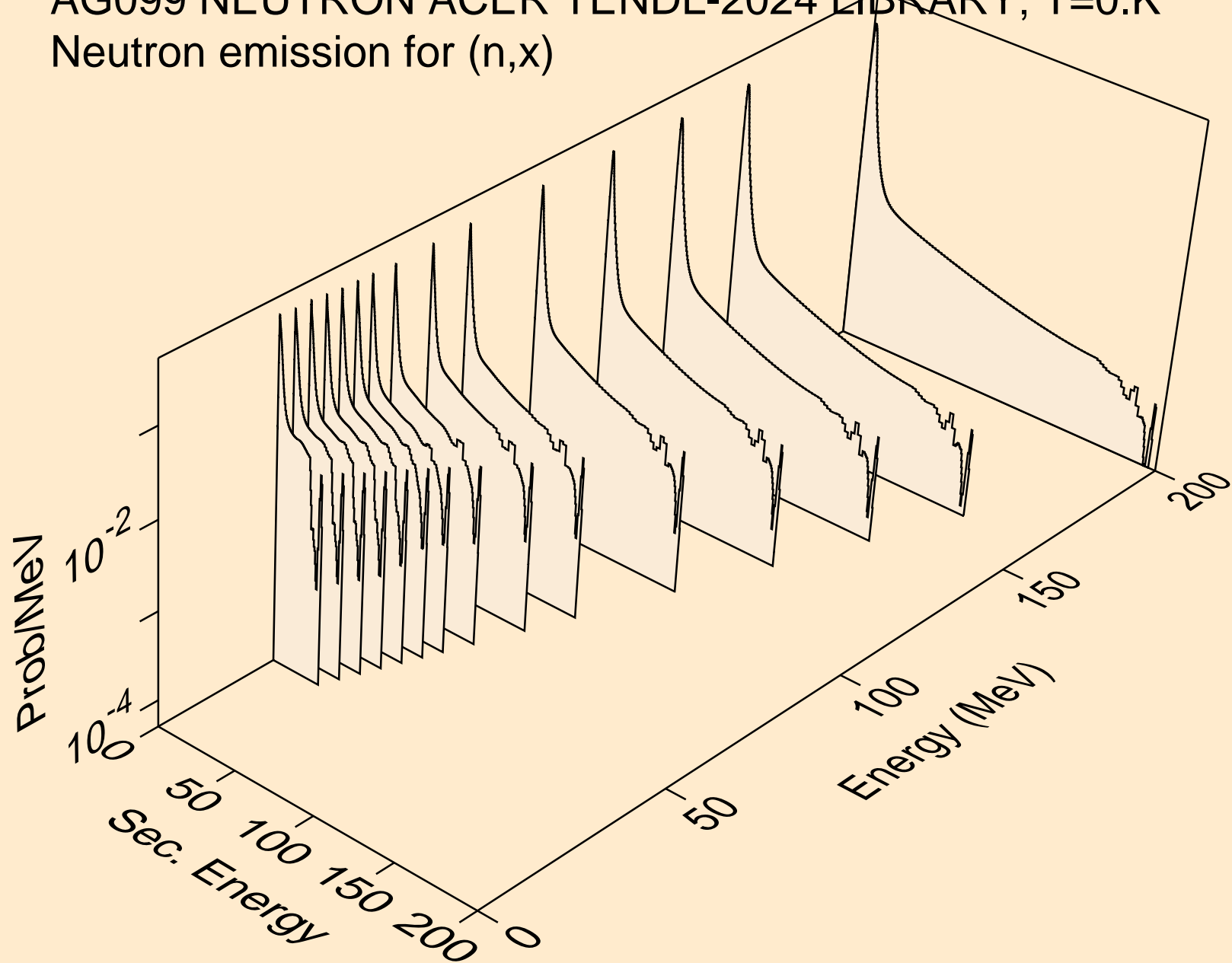
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angular distribution for (n,n\*5)



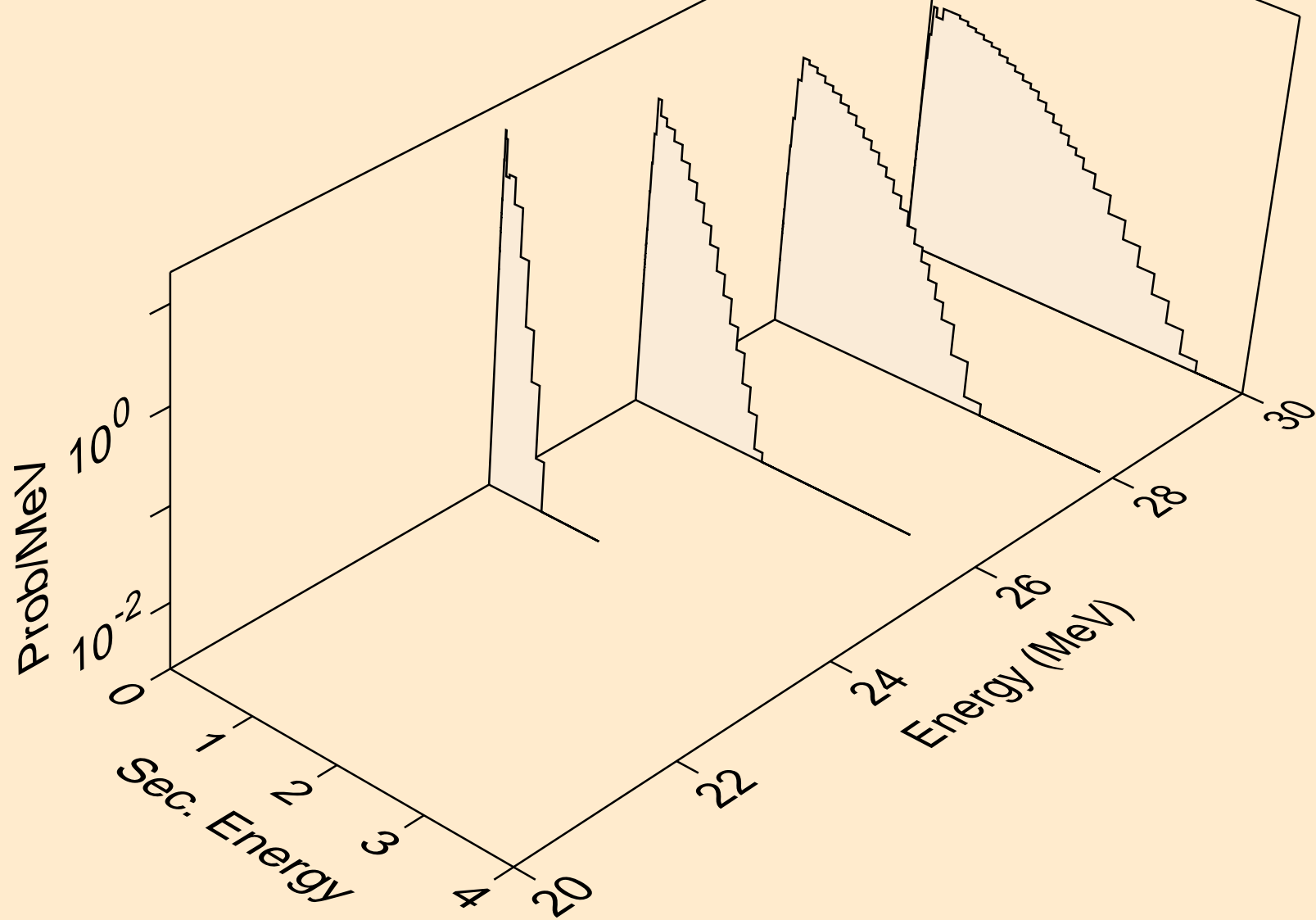
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angular distribution for (n,n\*6)



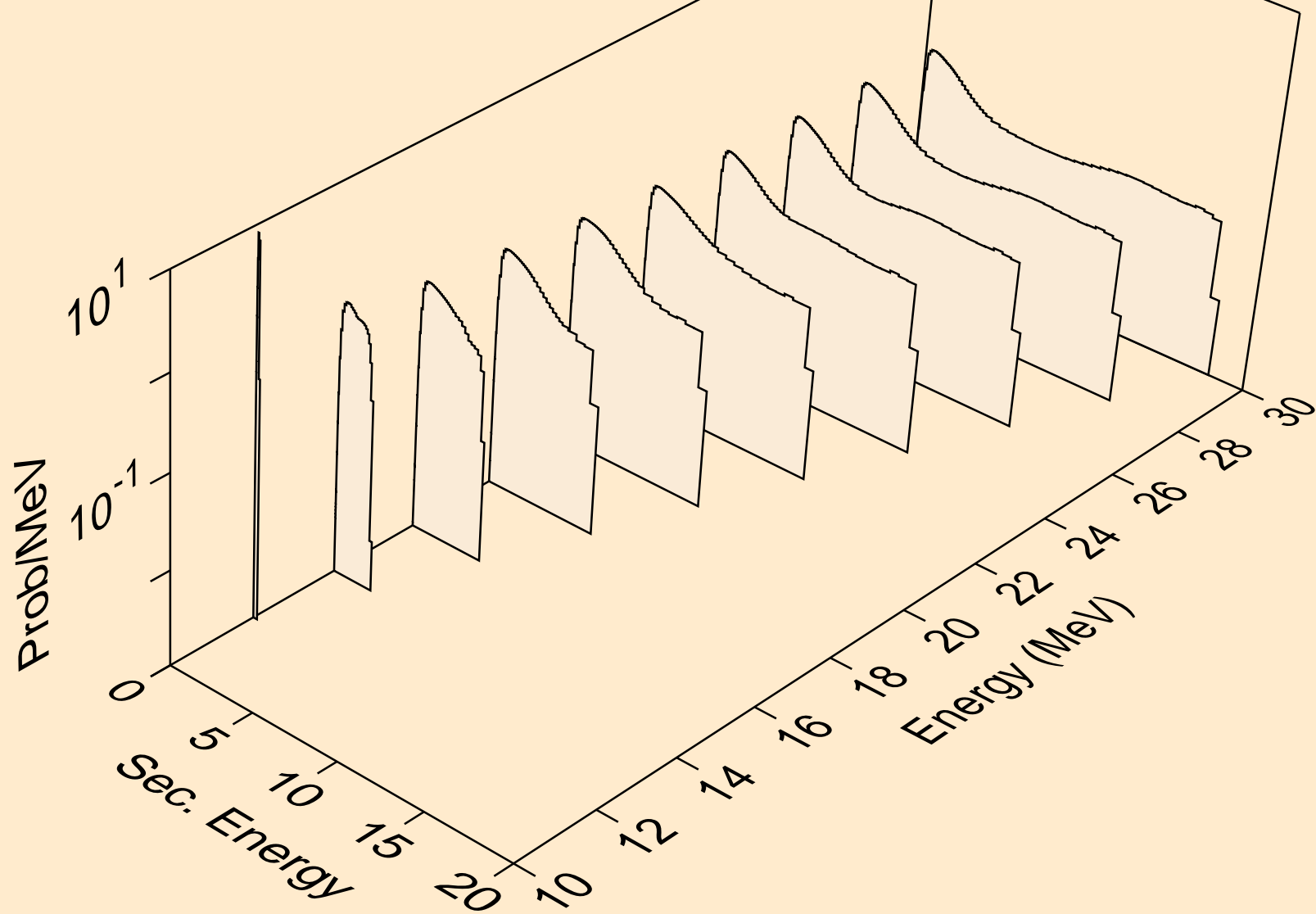
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



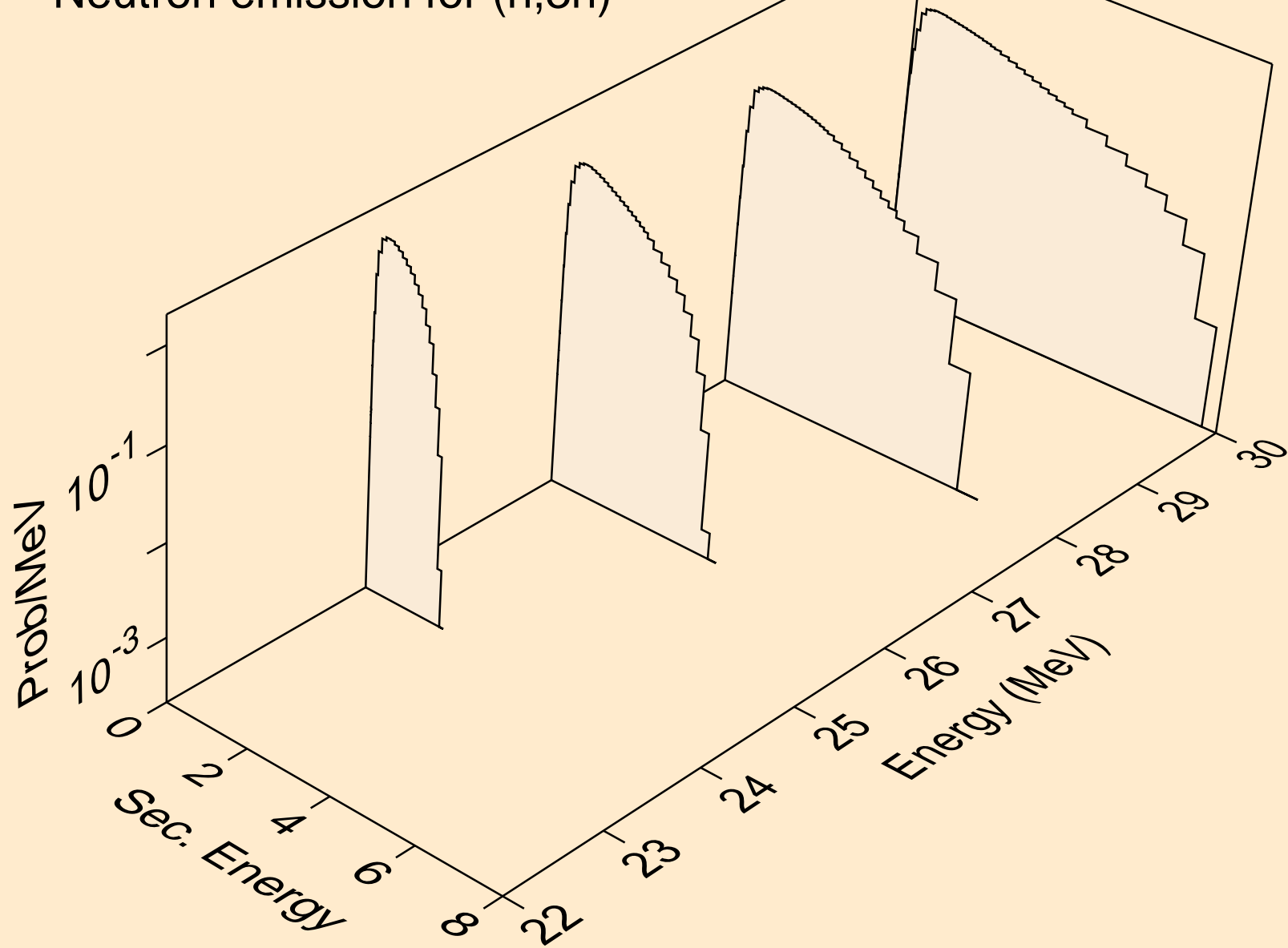
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



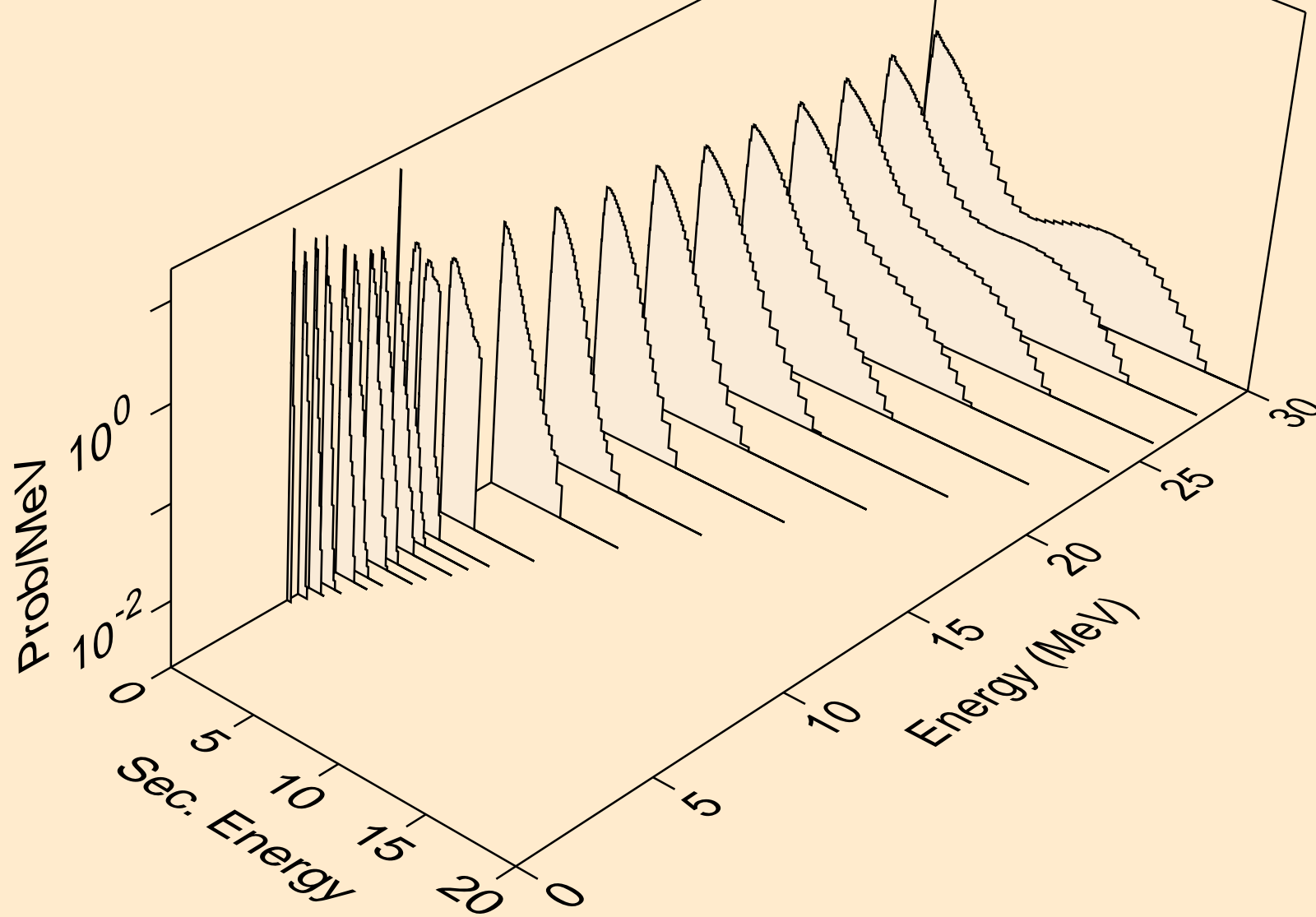
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



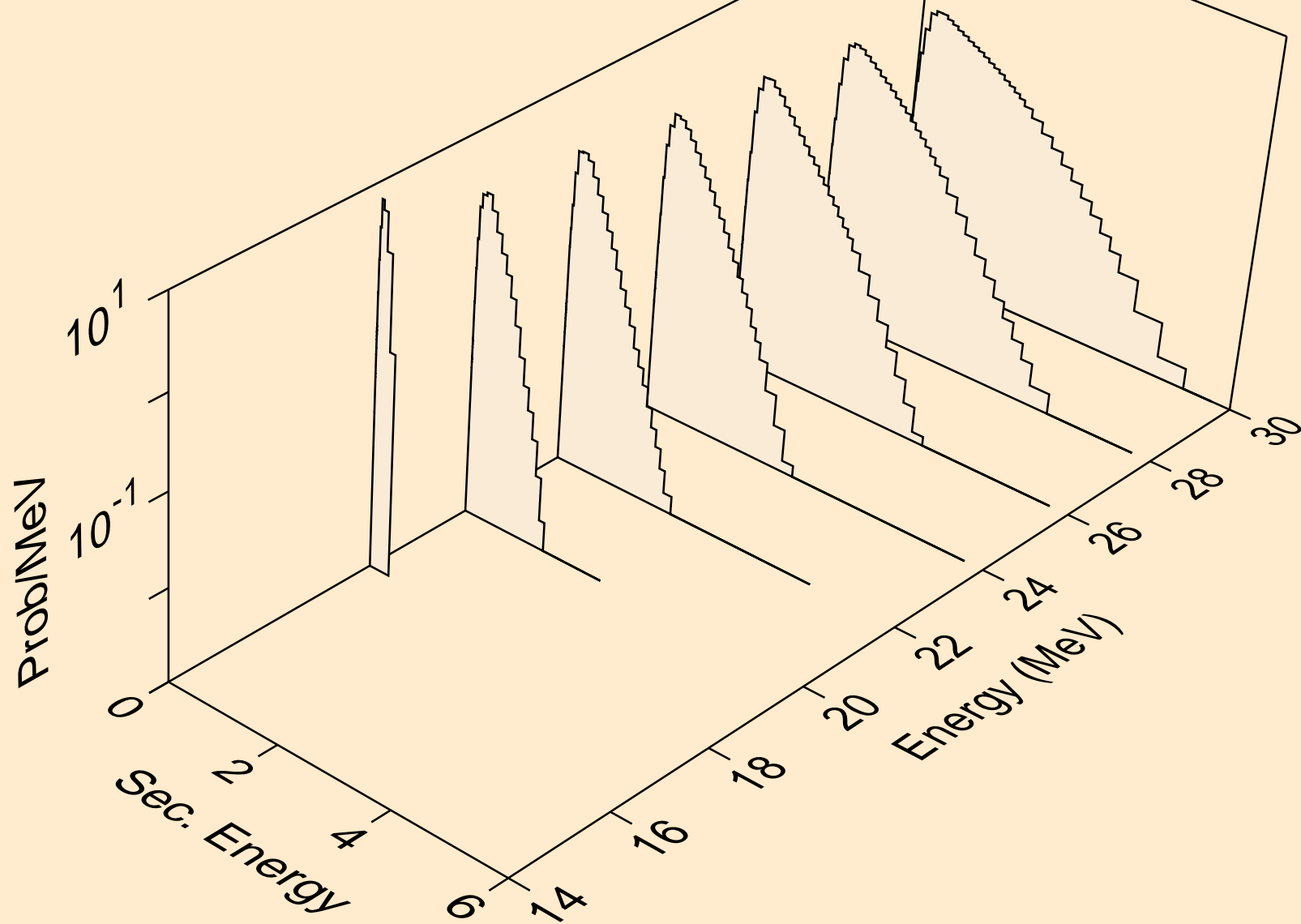
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

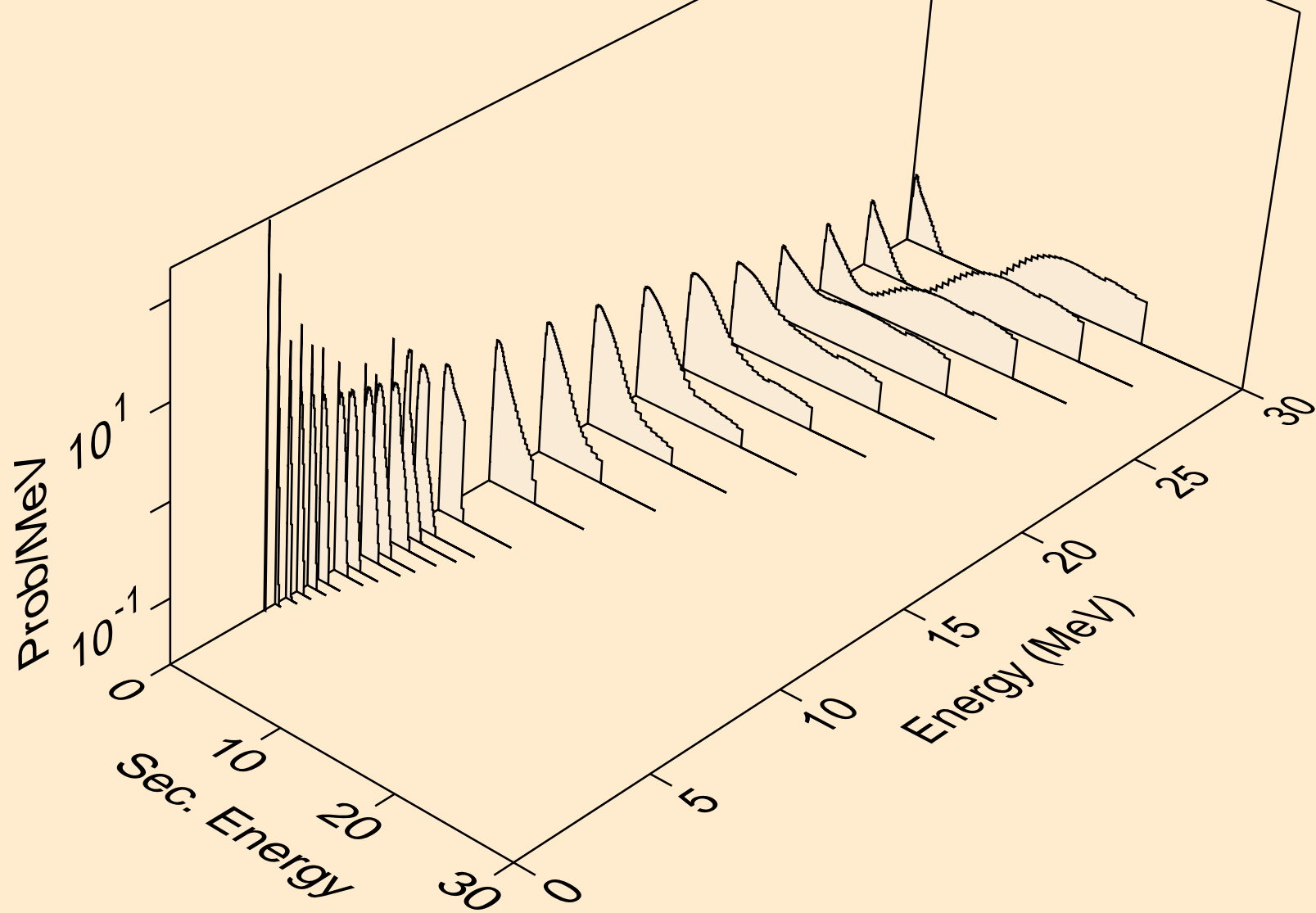


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

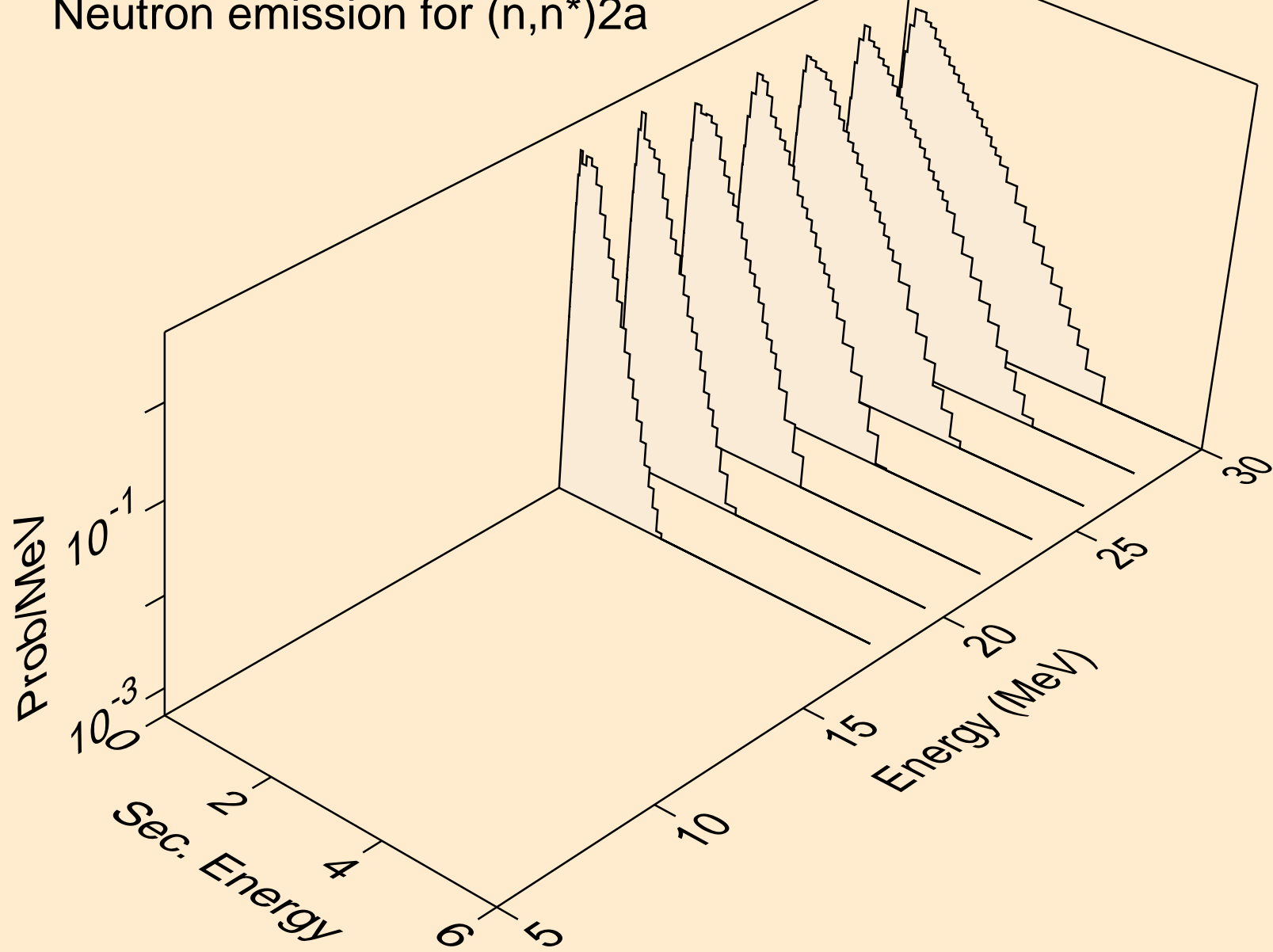




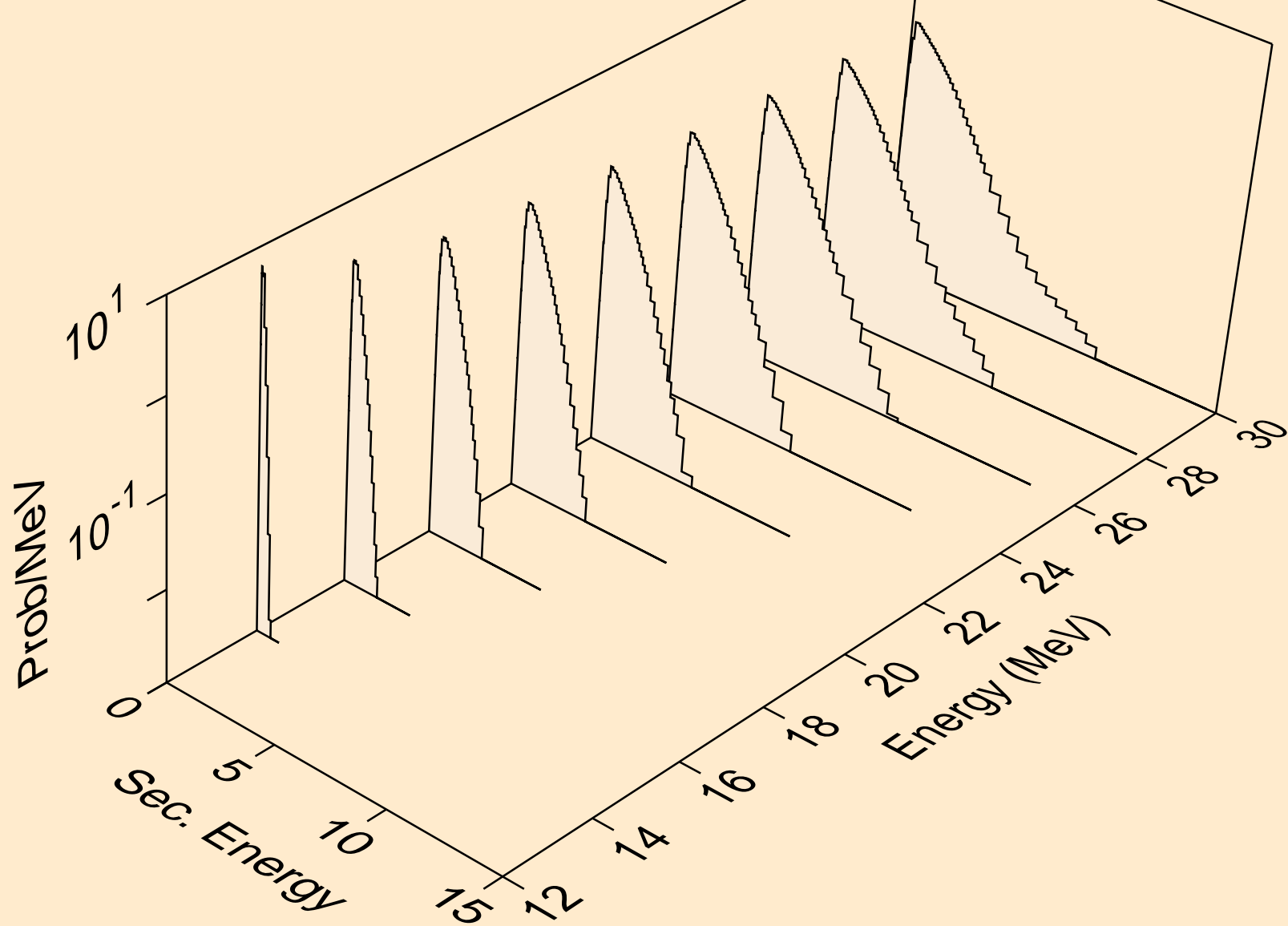
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



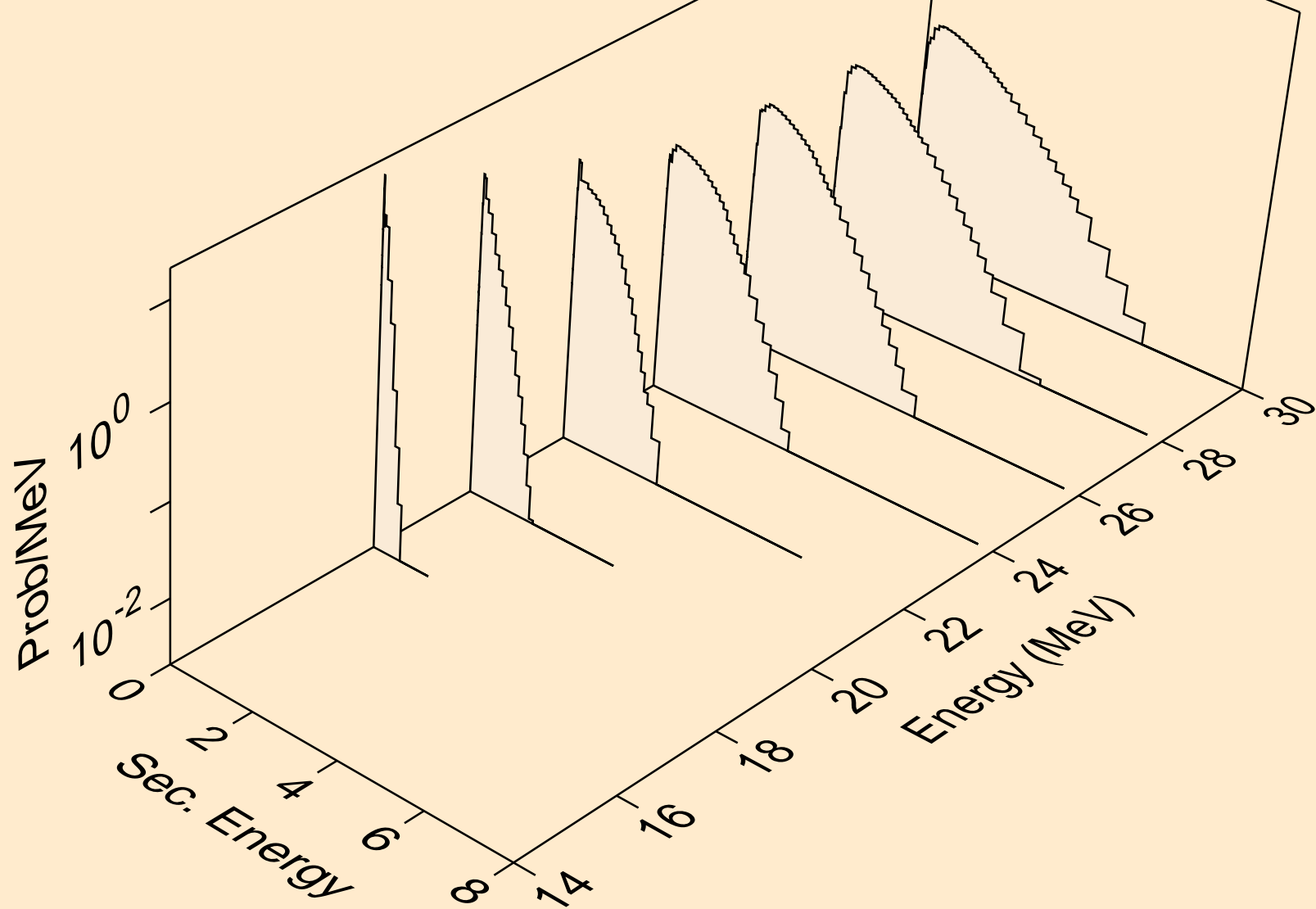
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



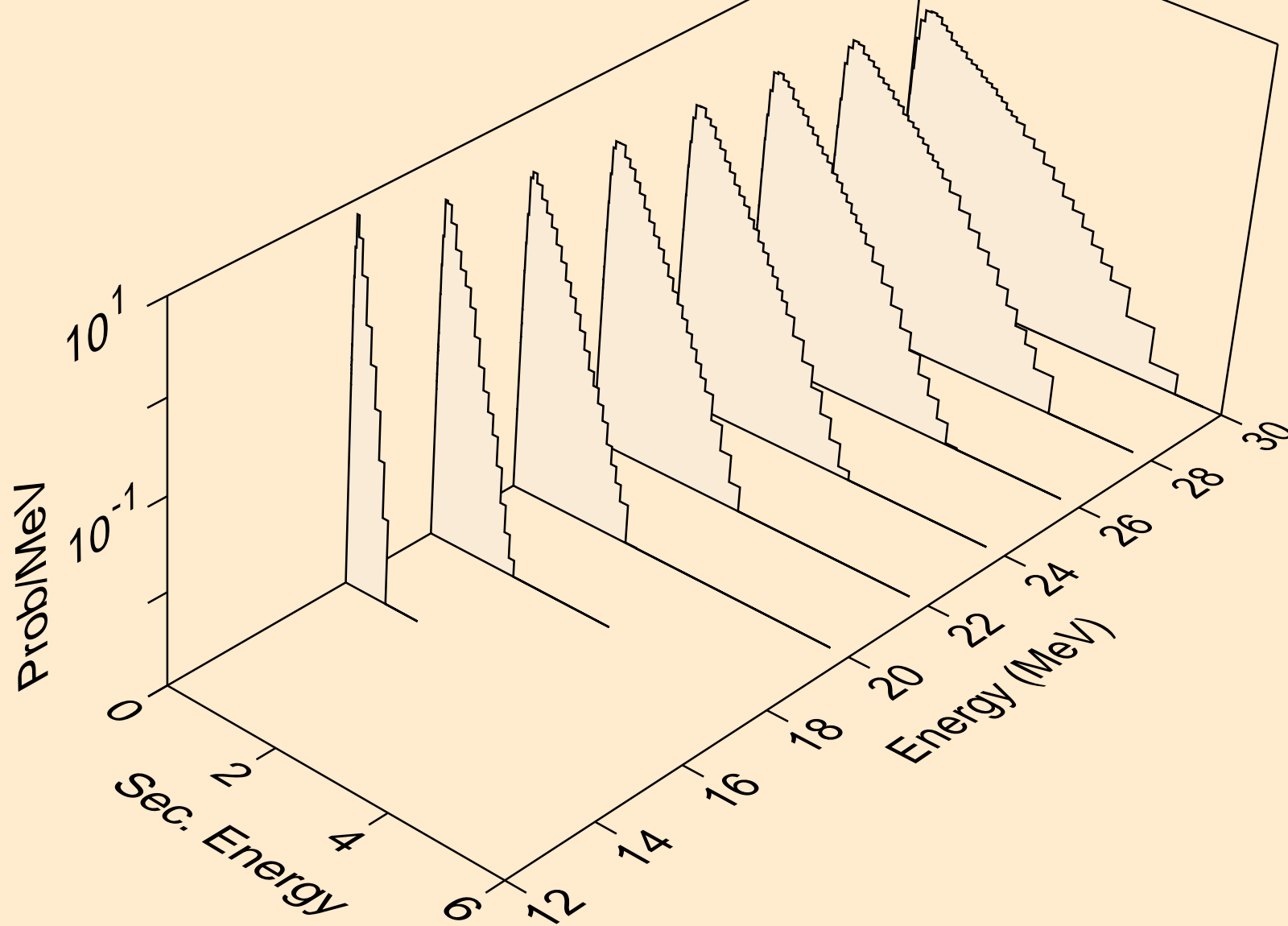
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



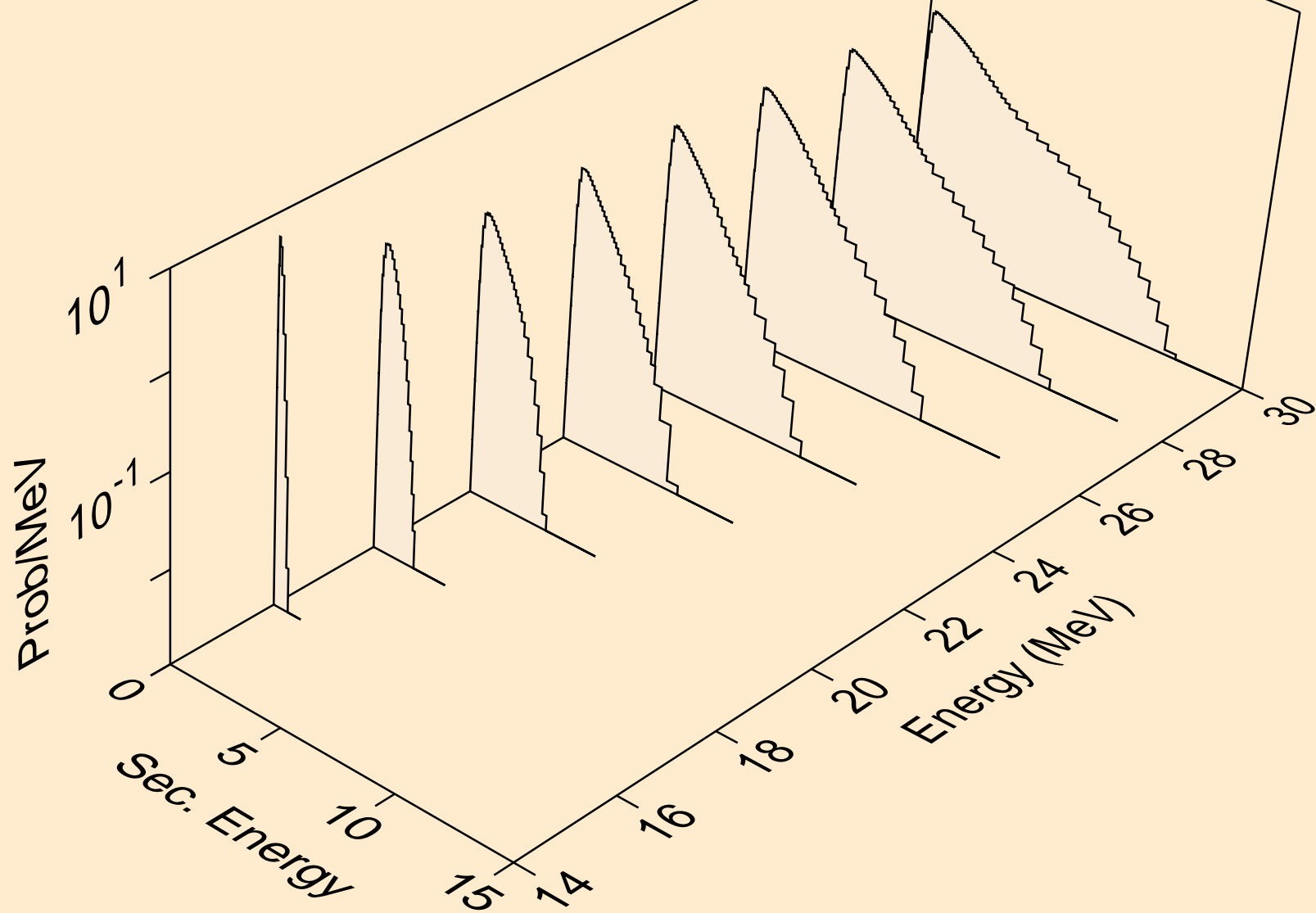
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



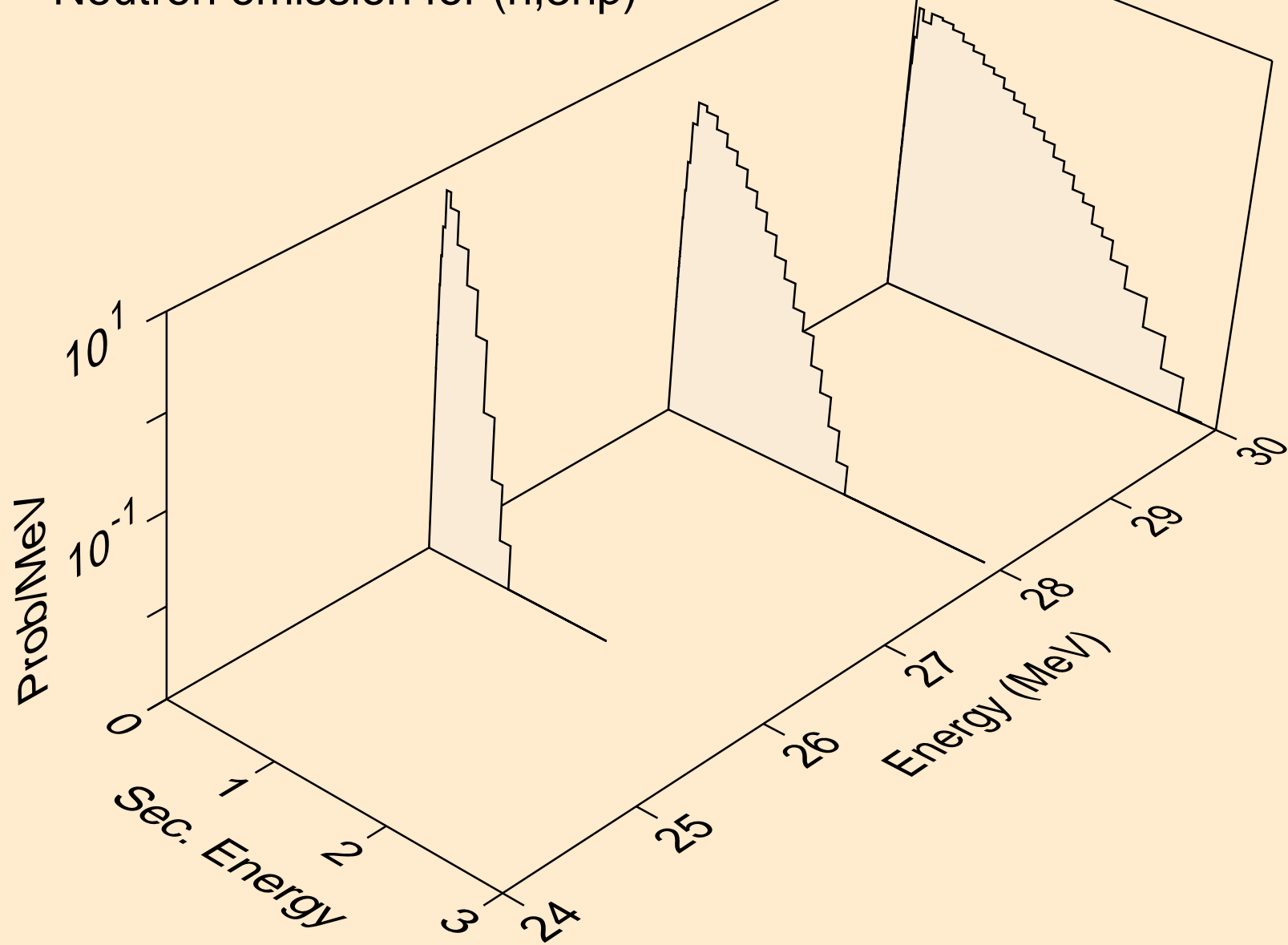
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



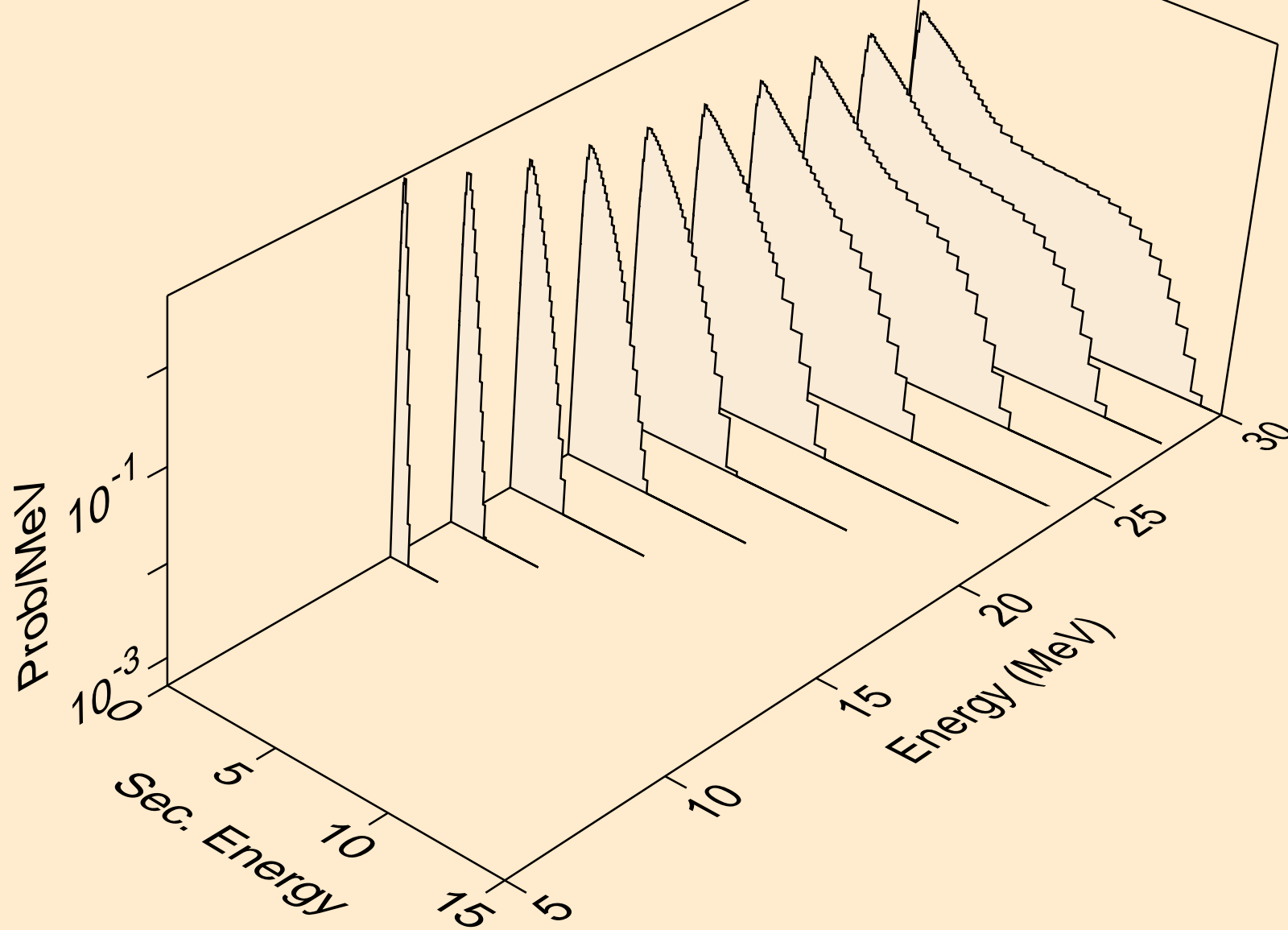
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

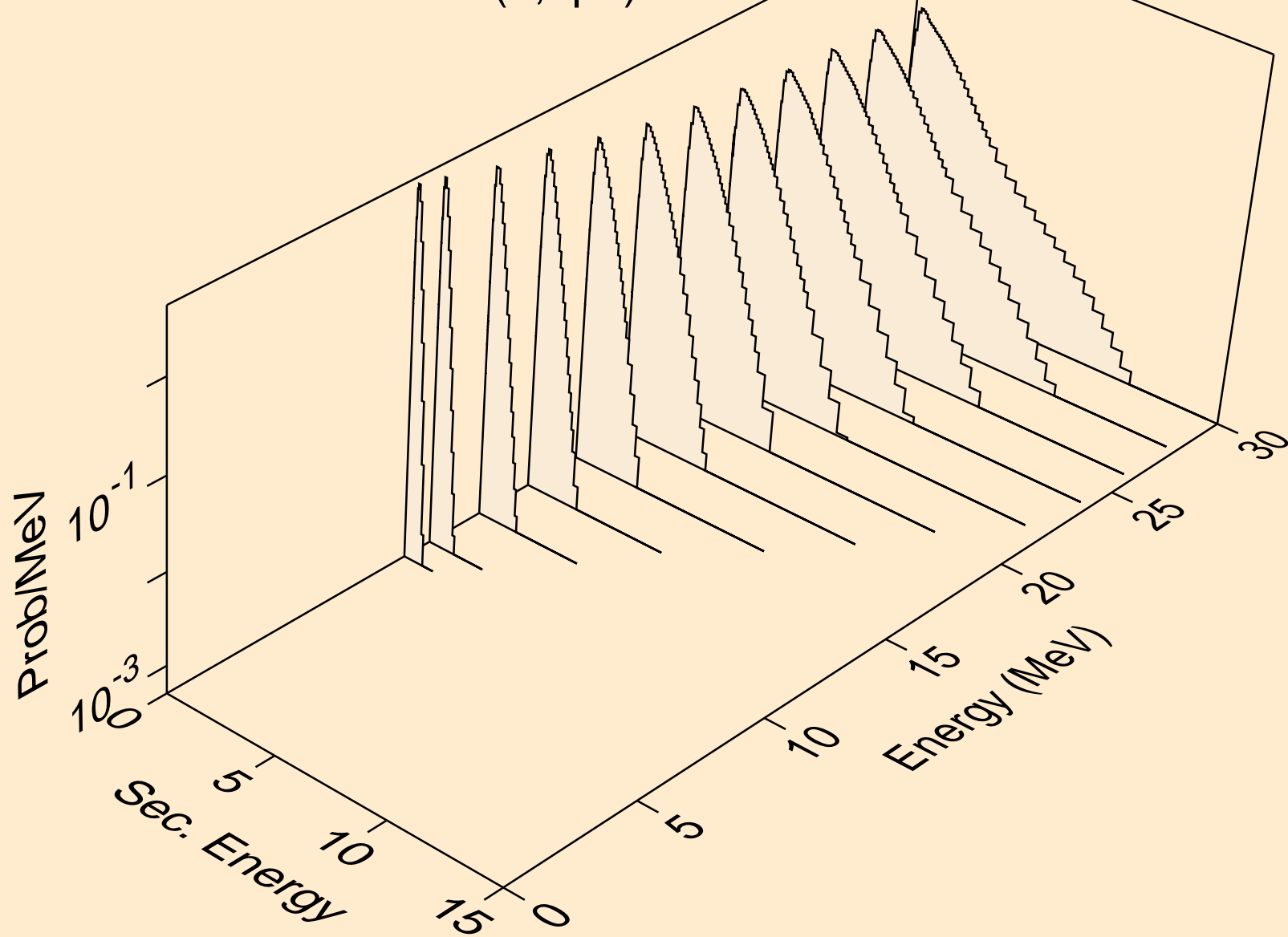


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

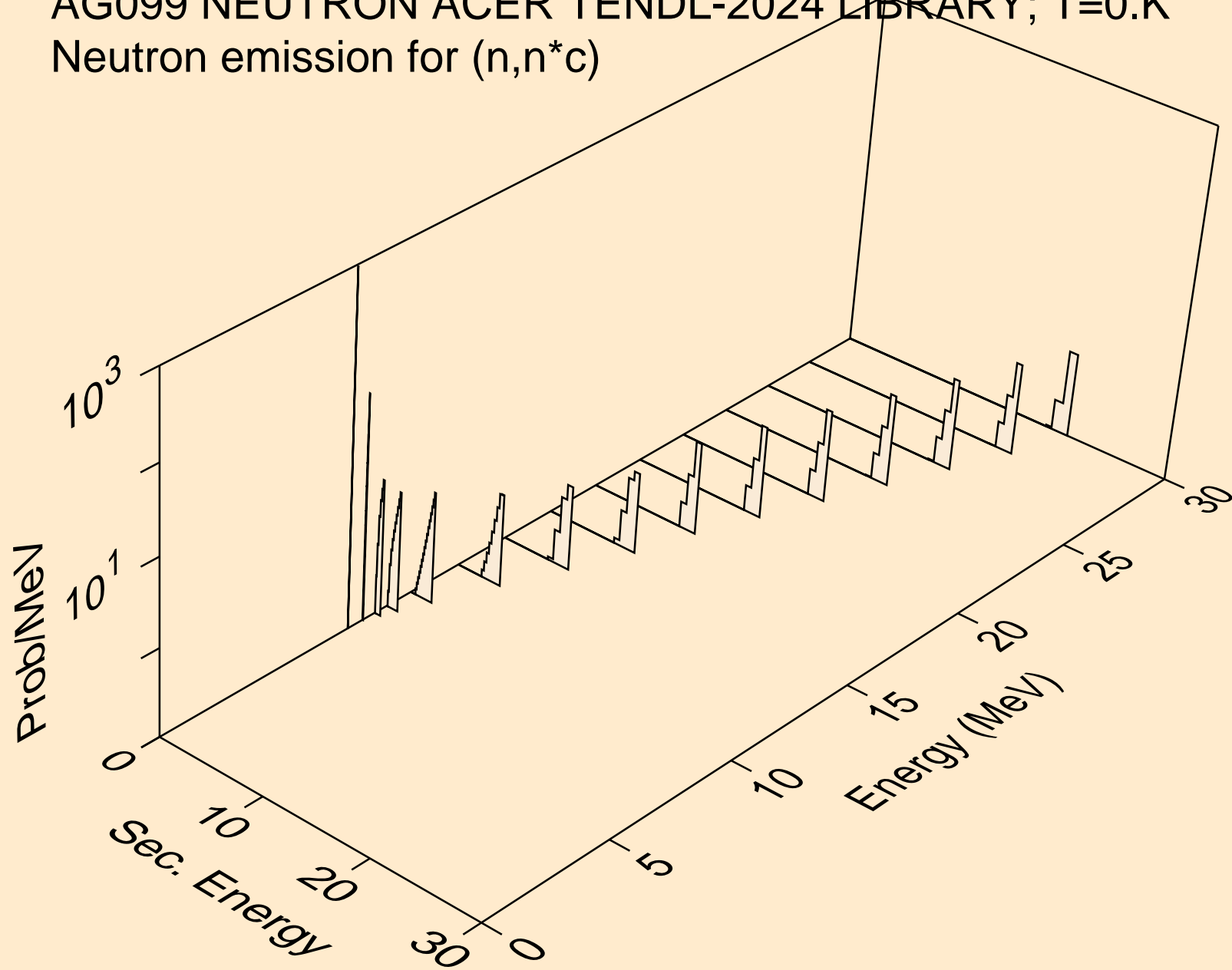




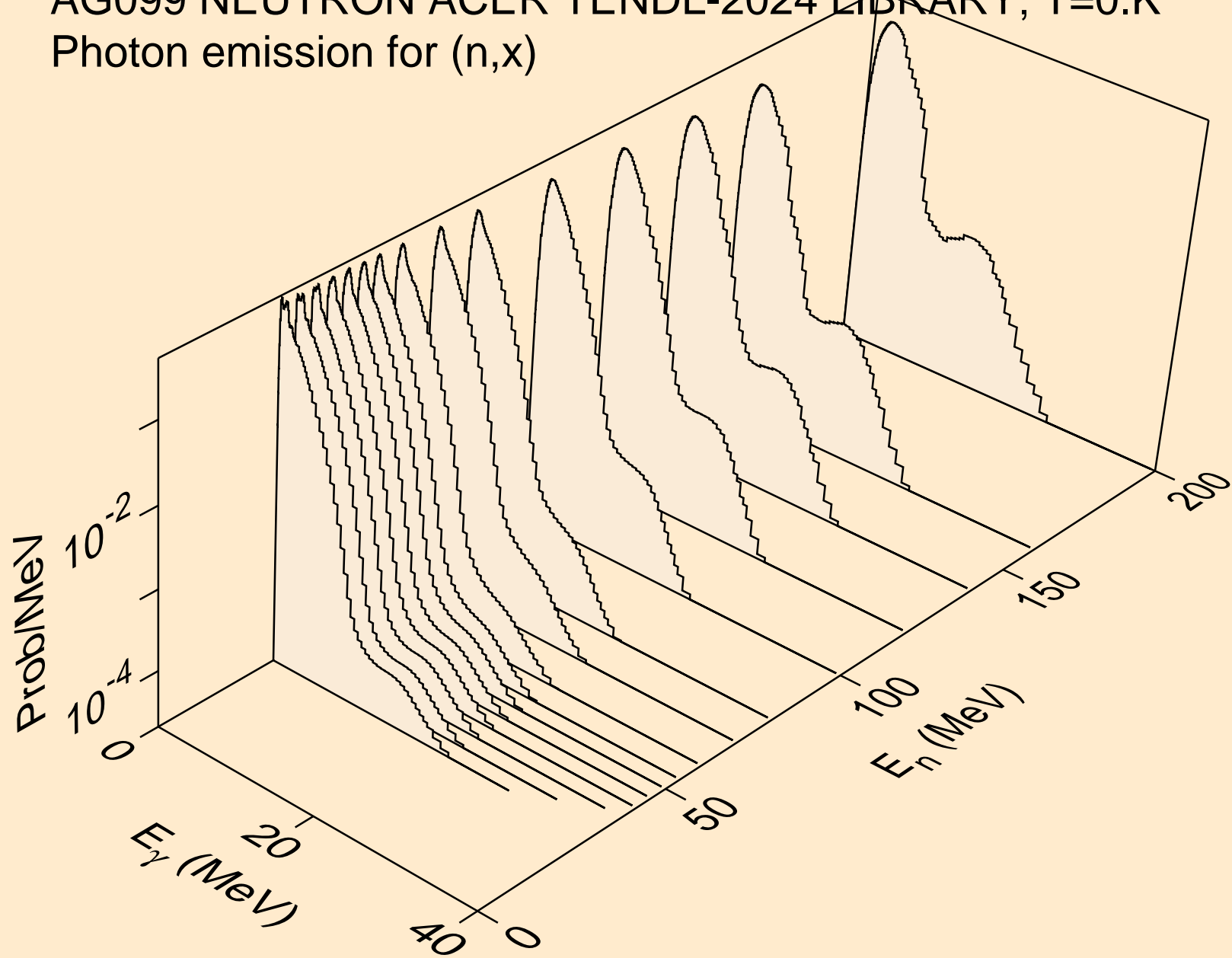
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



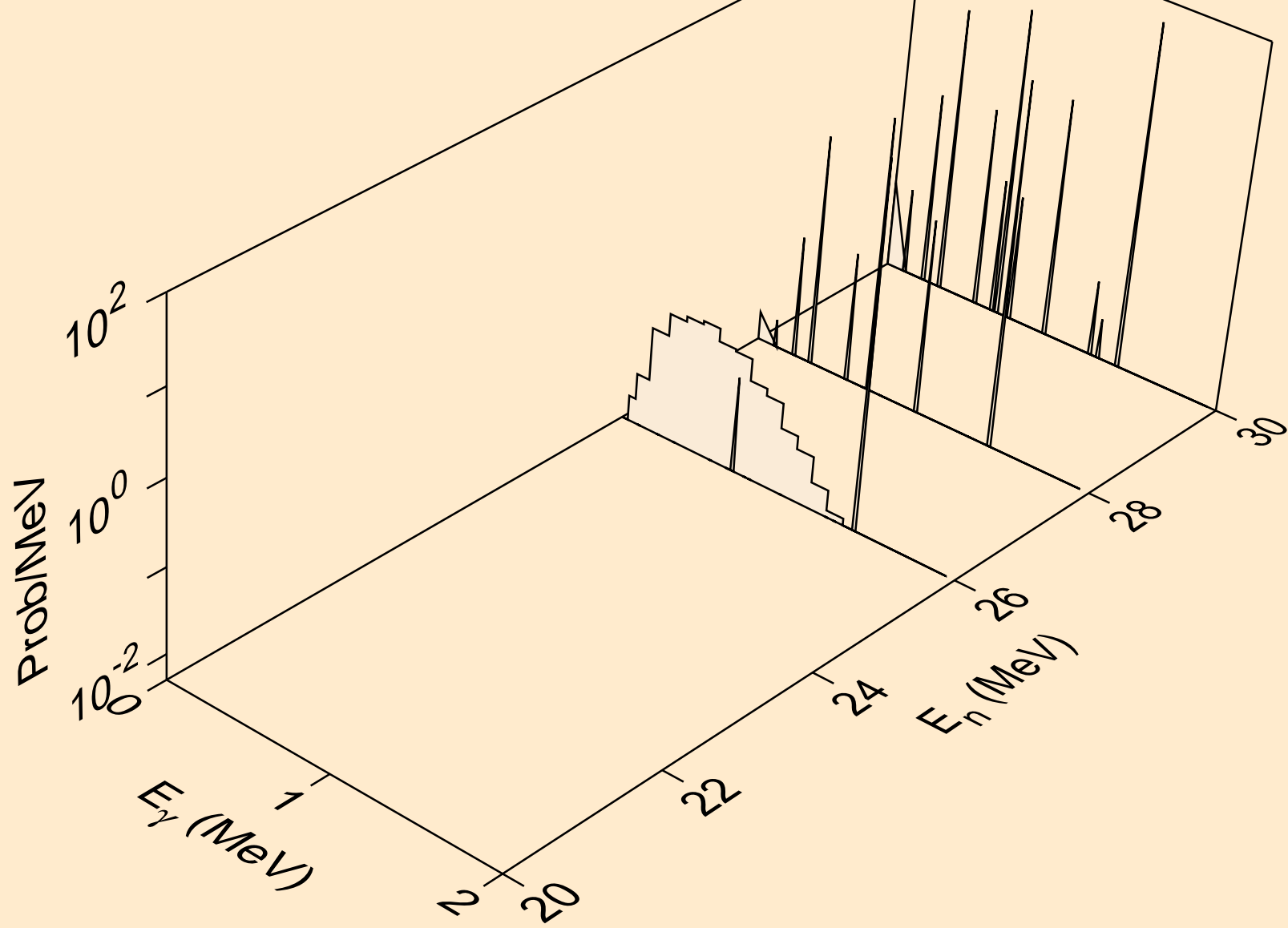
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



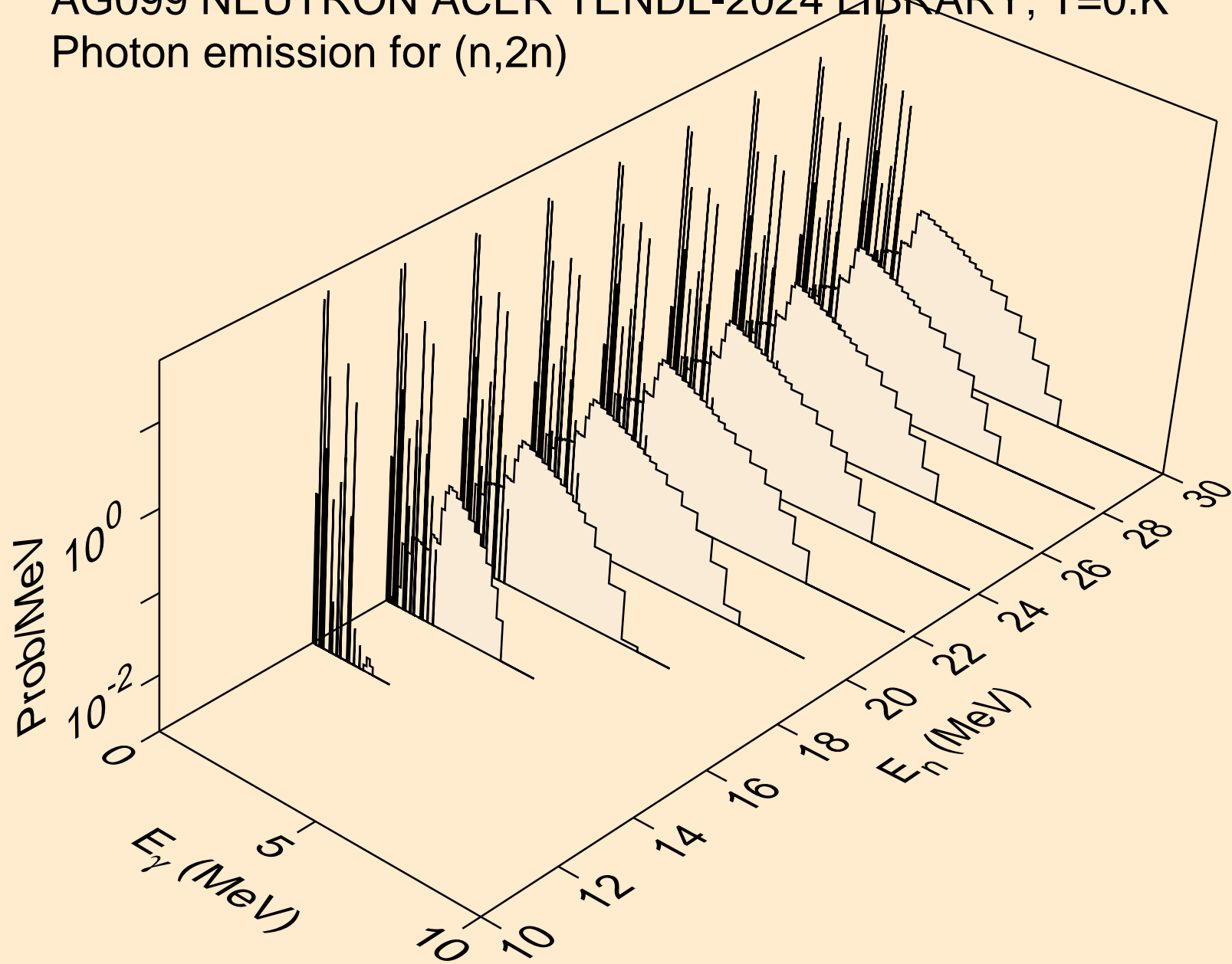
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



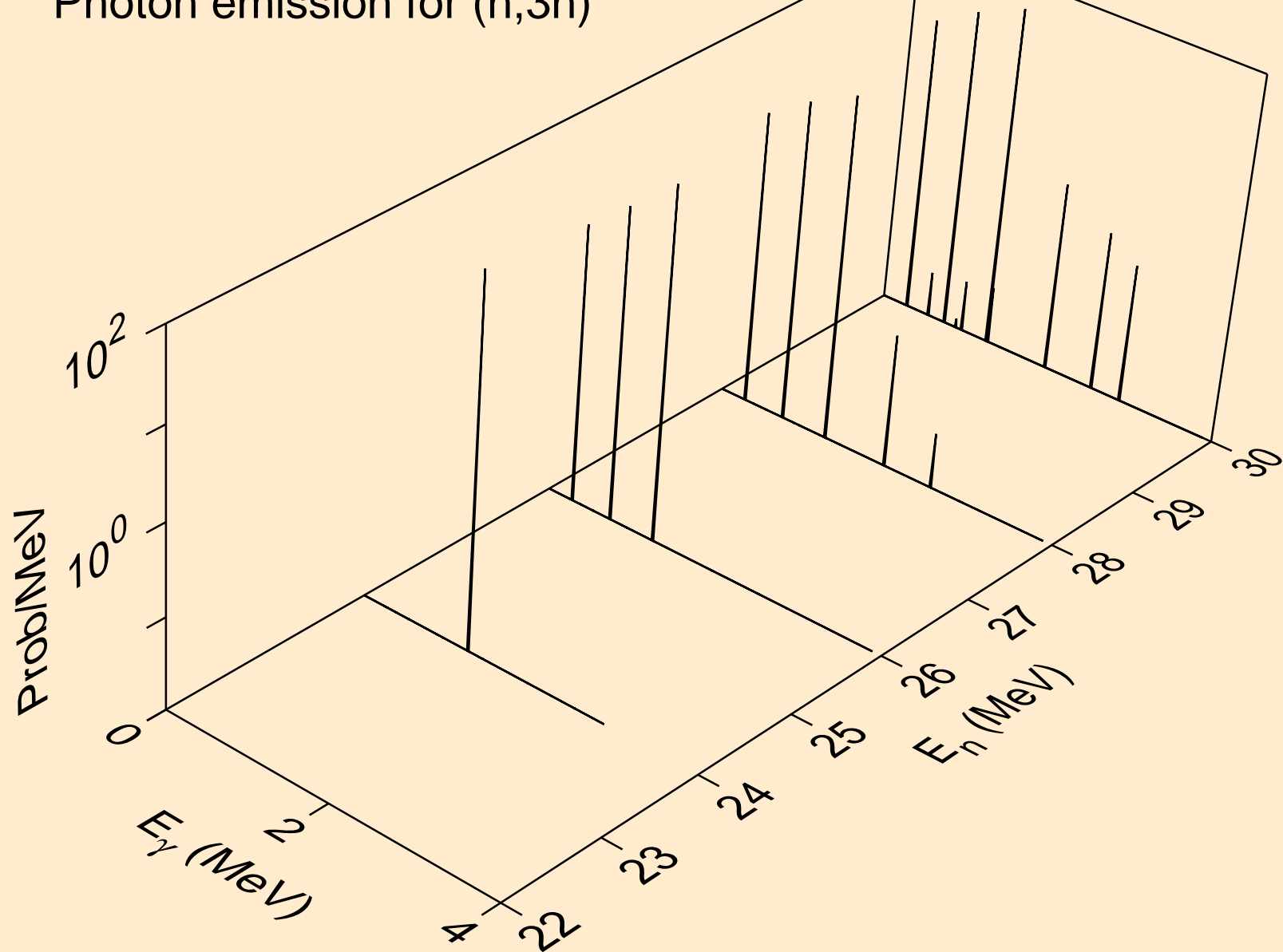
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



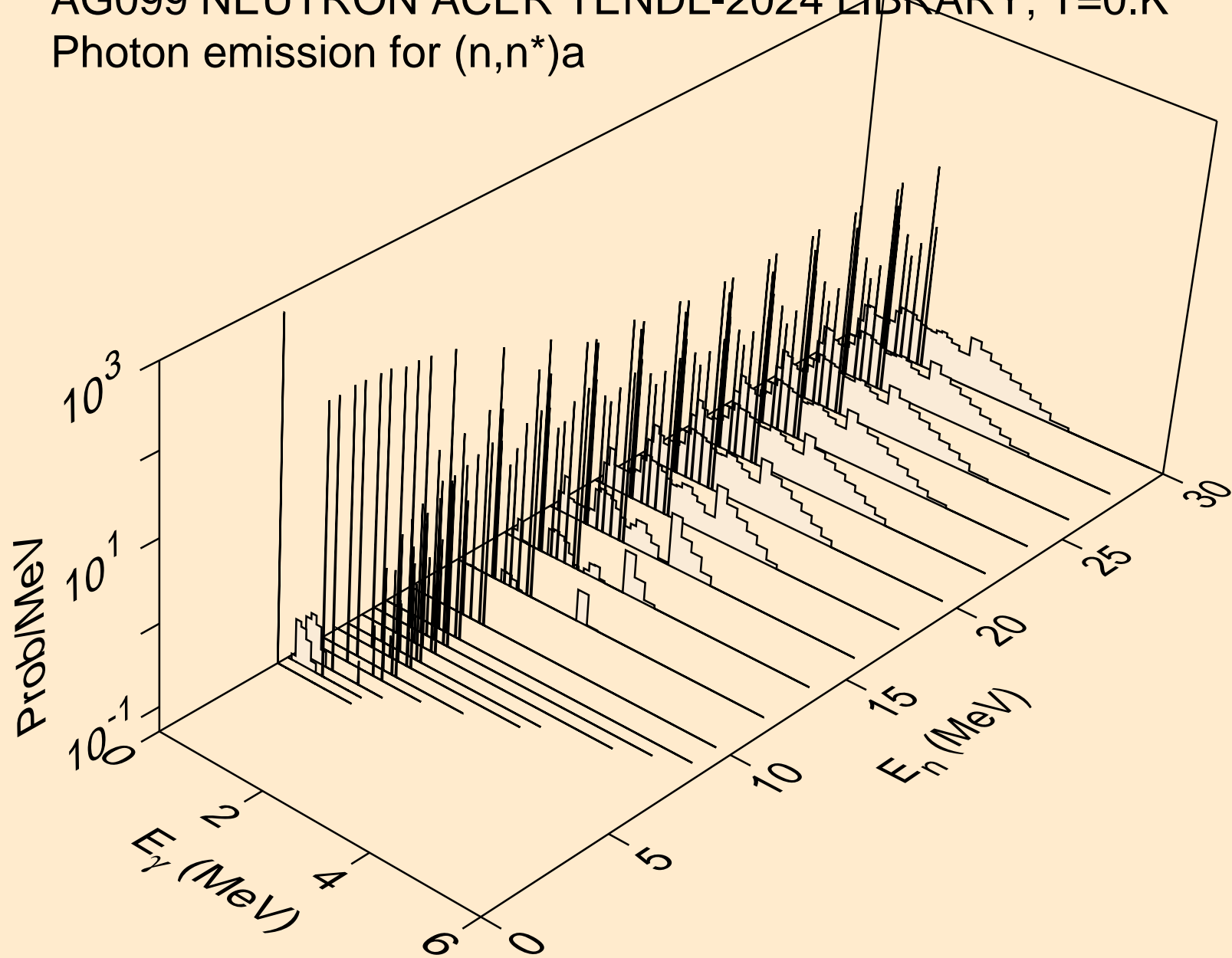
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



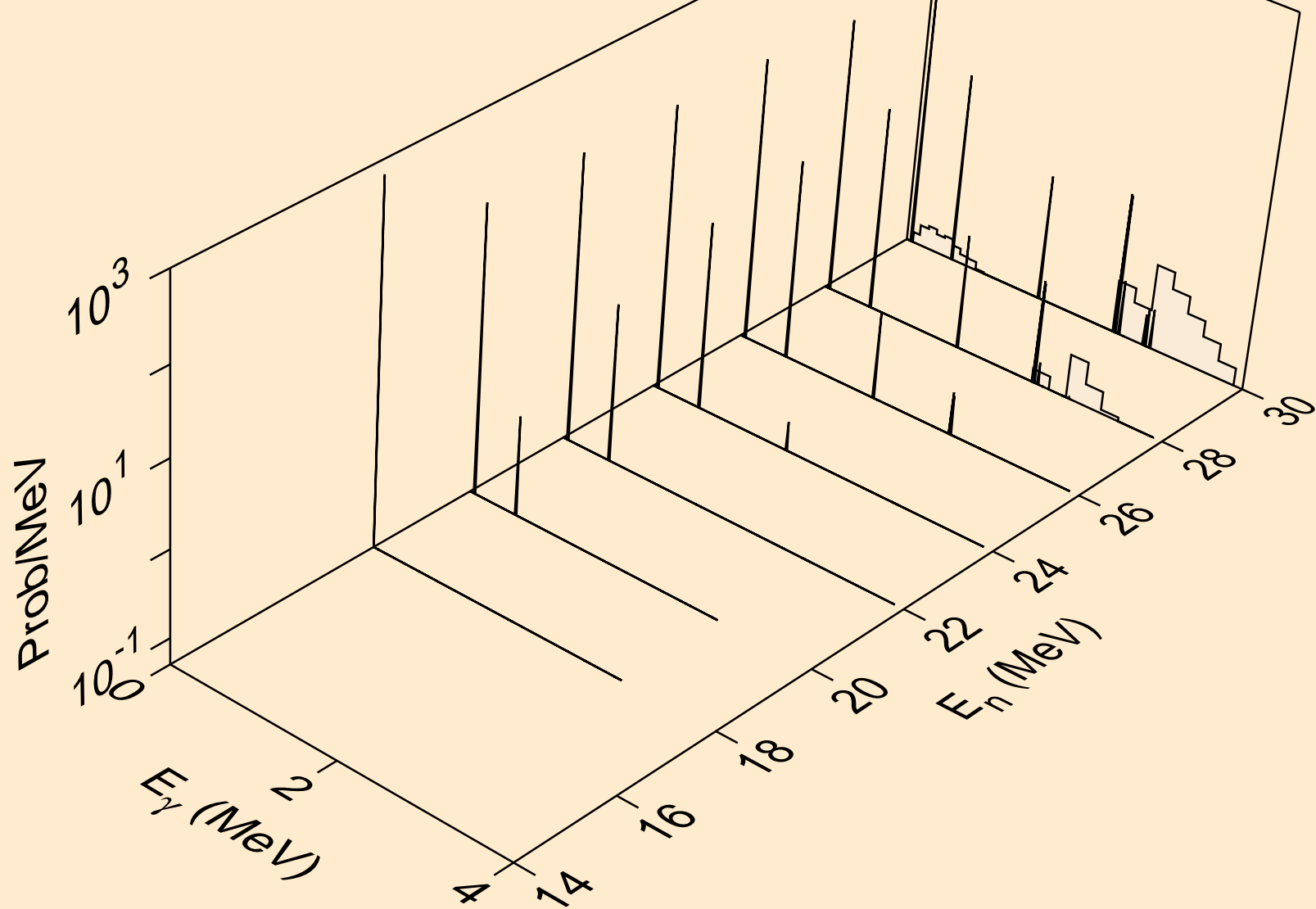
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

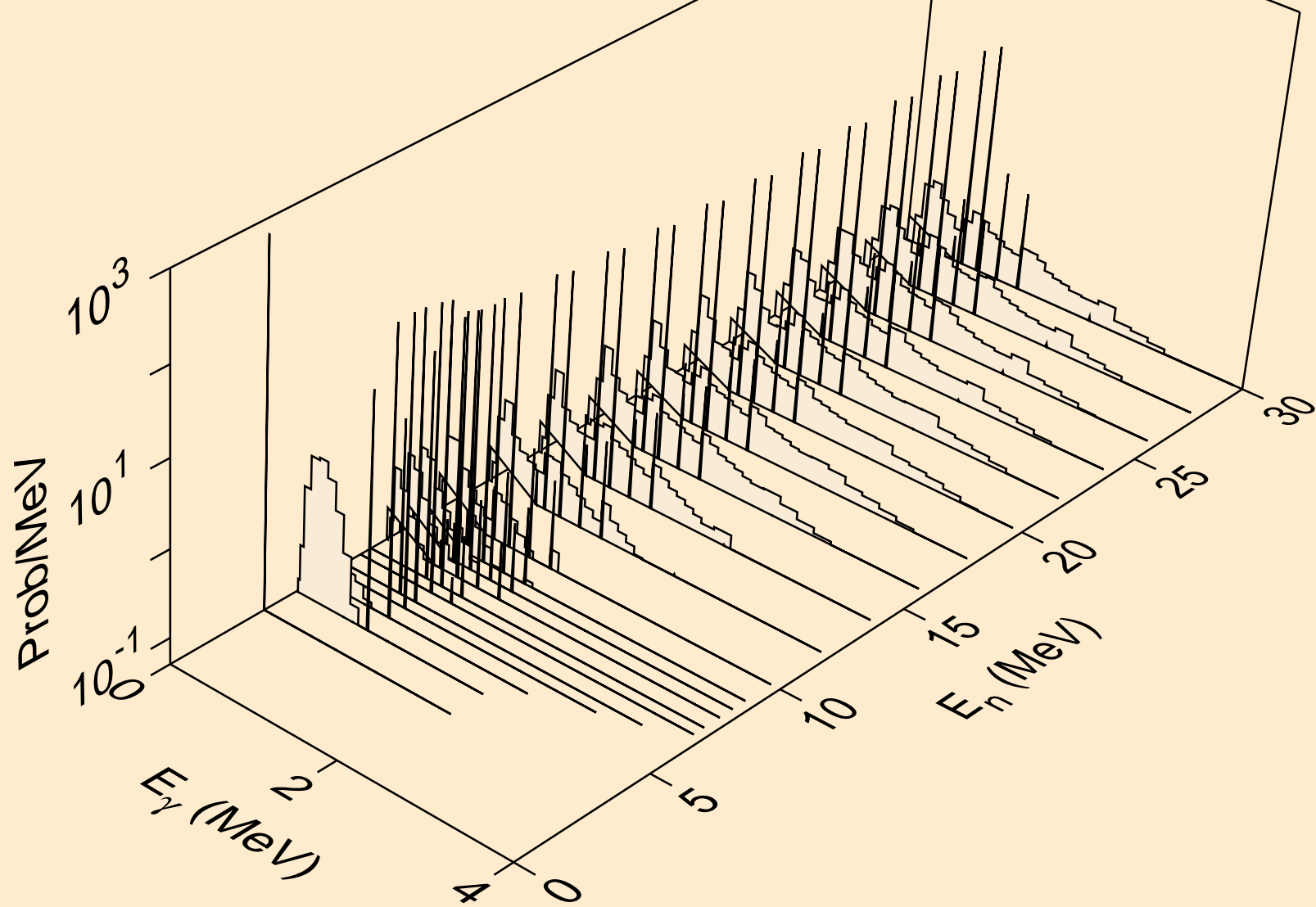


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

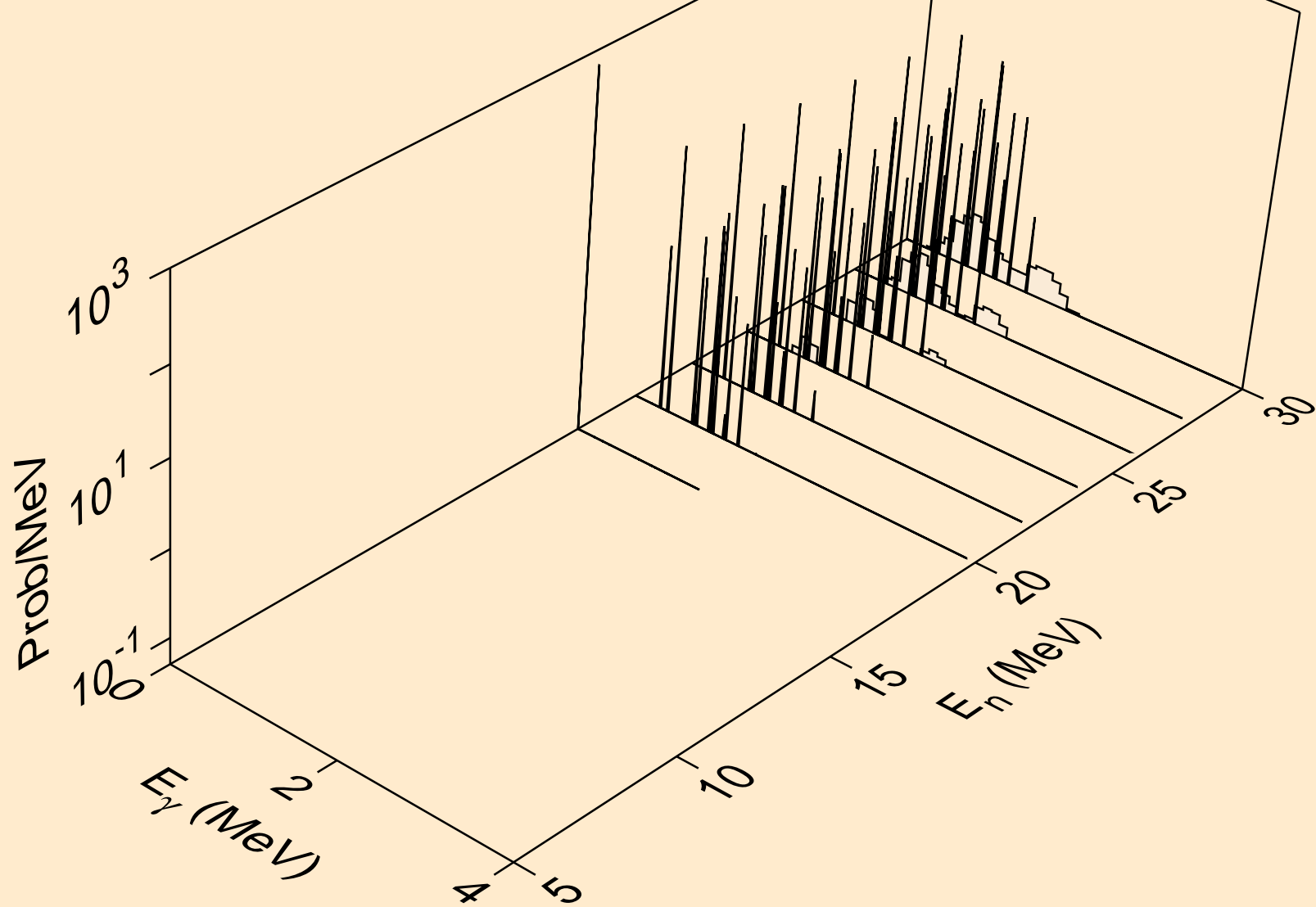




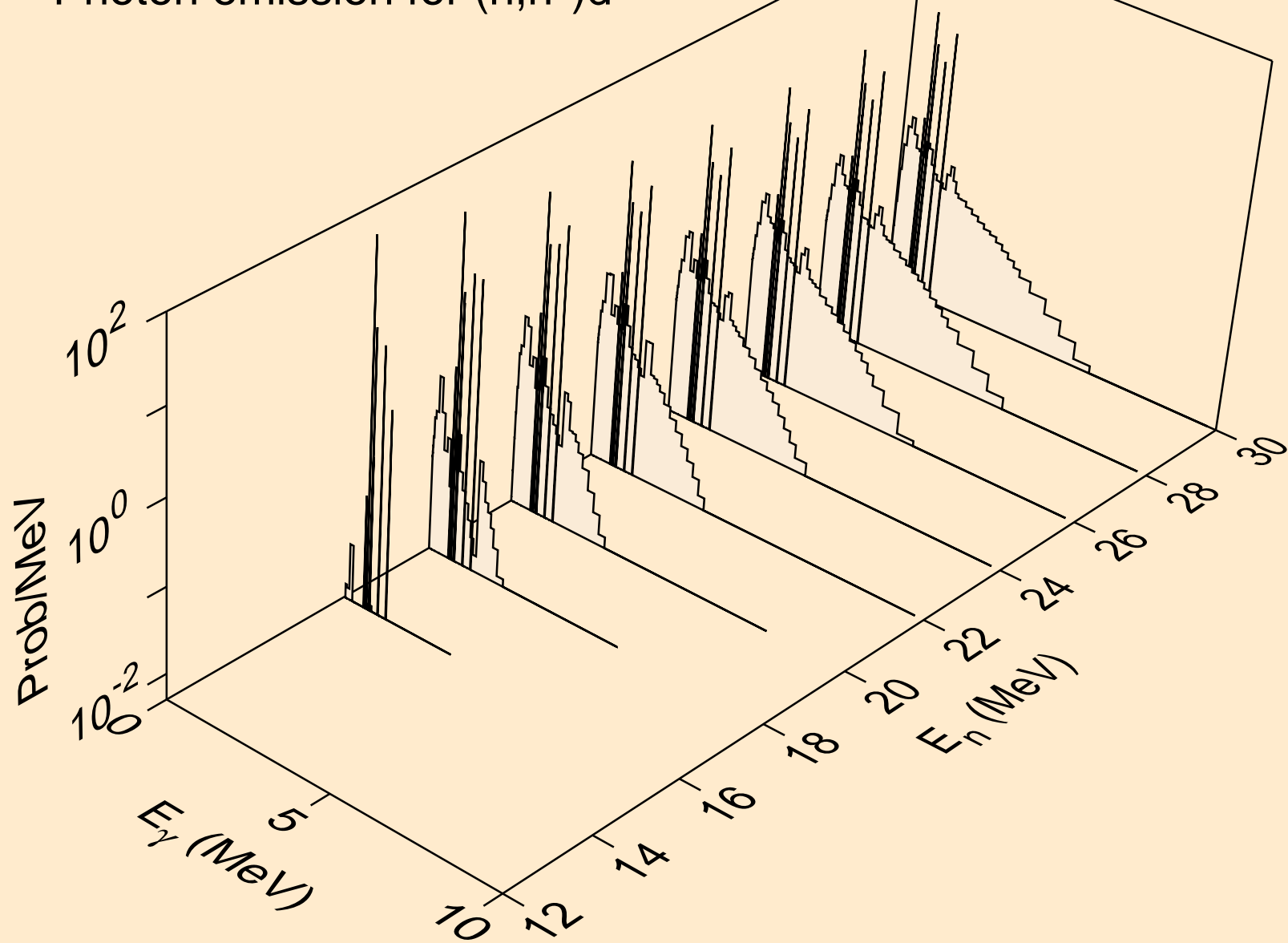
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



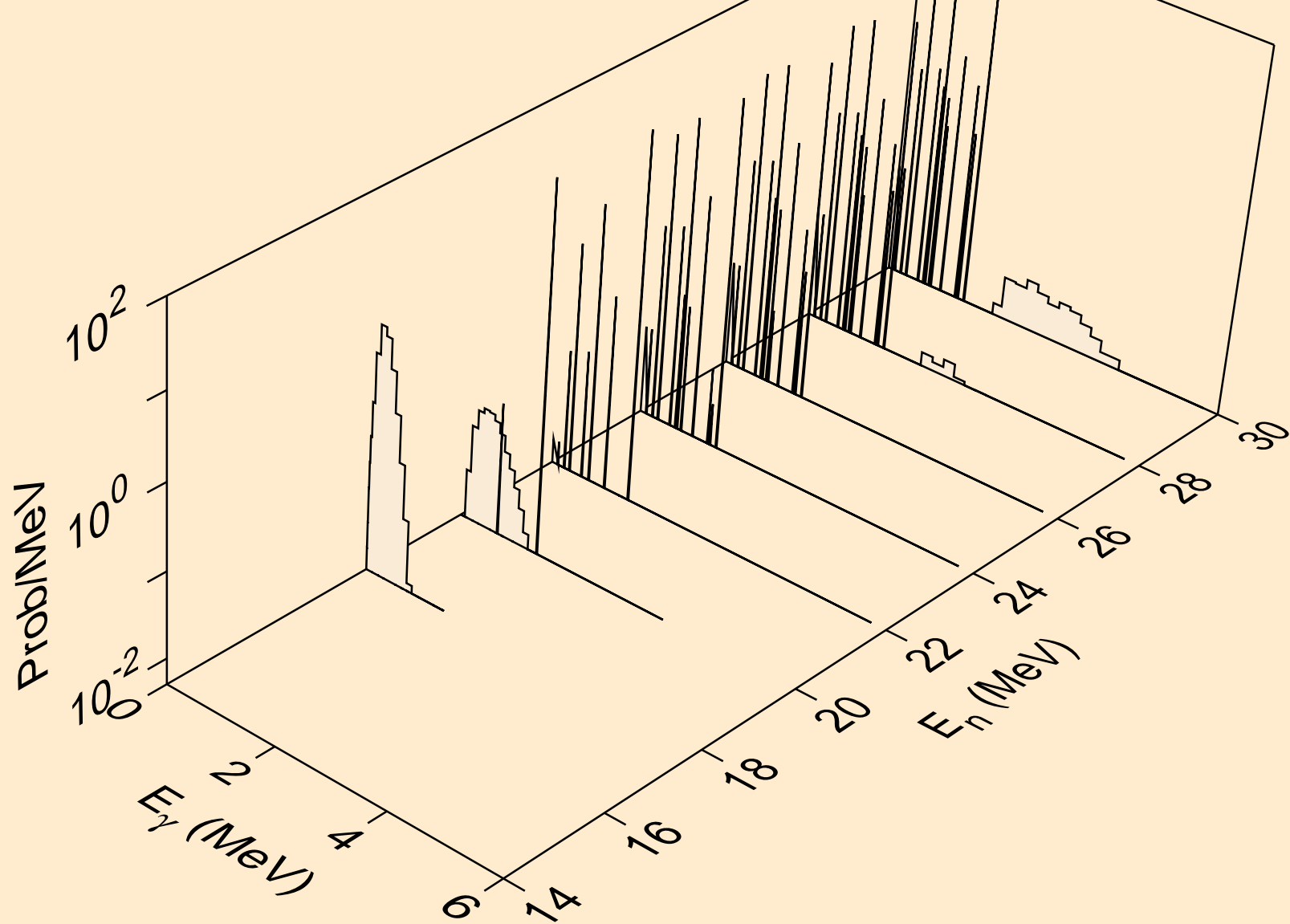
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



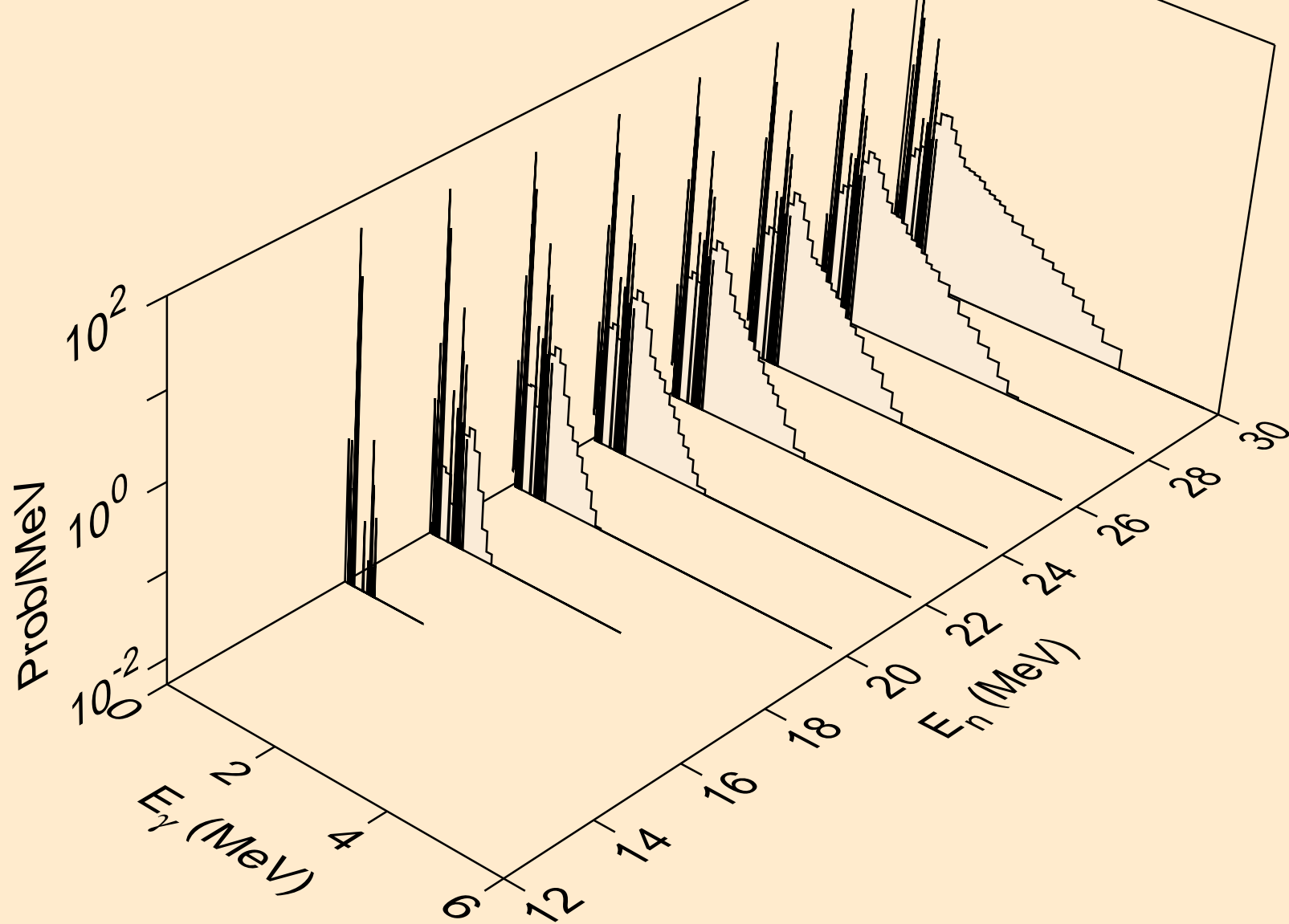
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



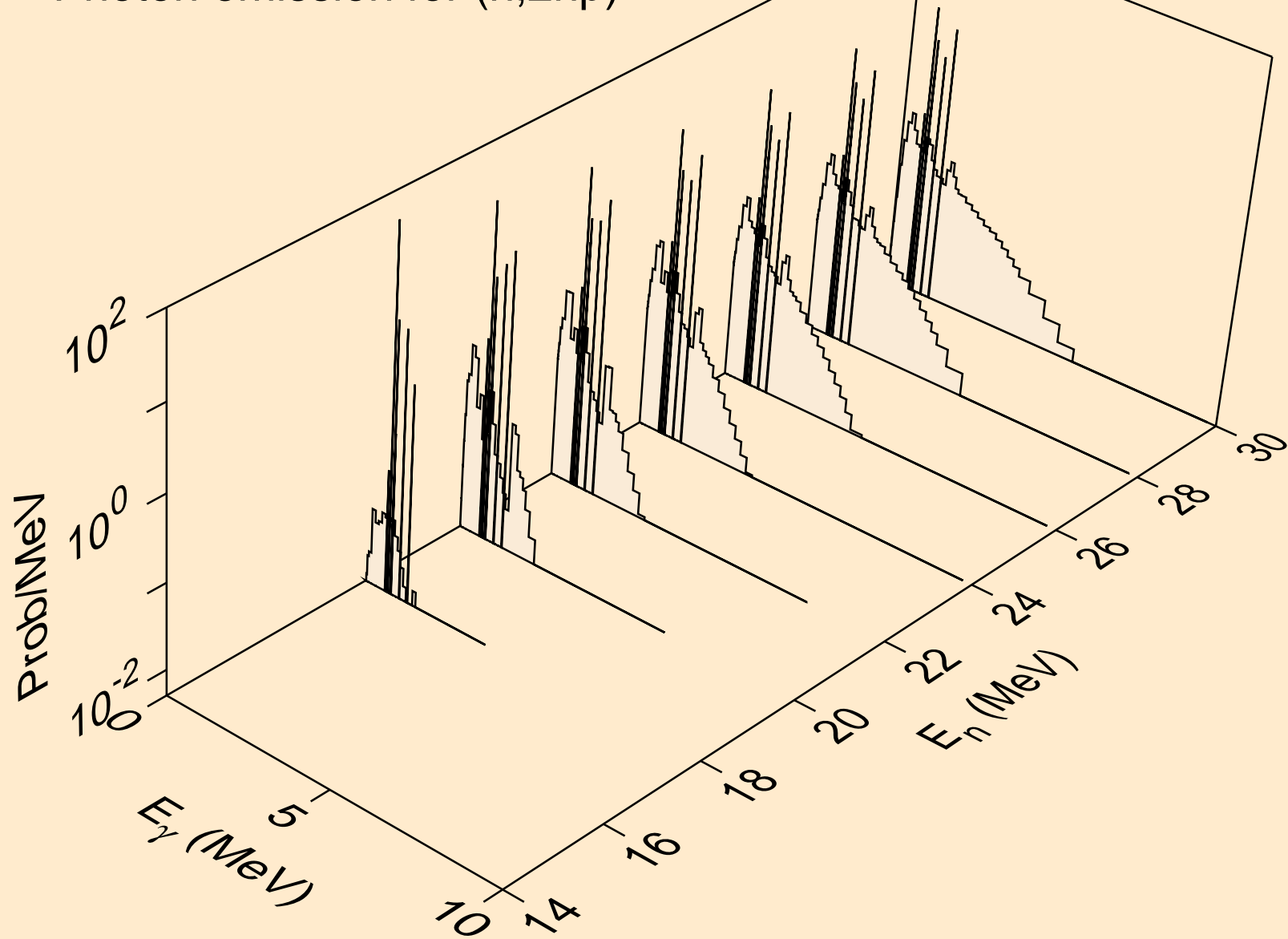
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



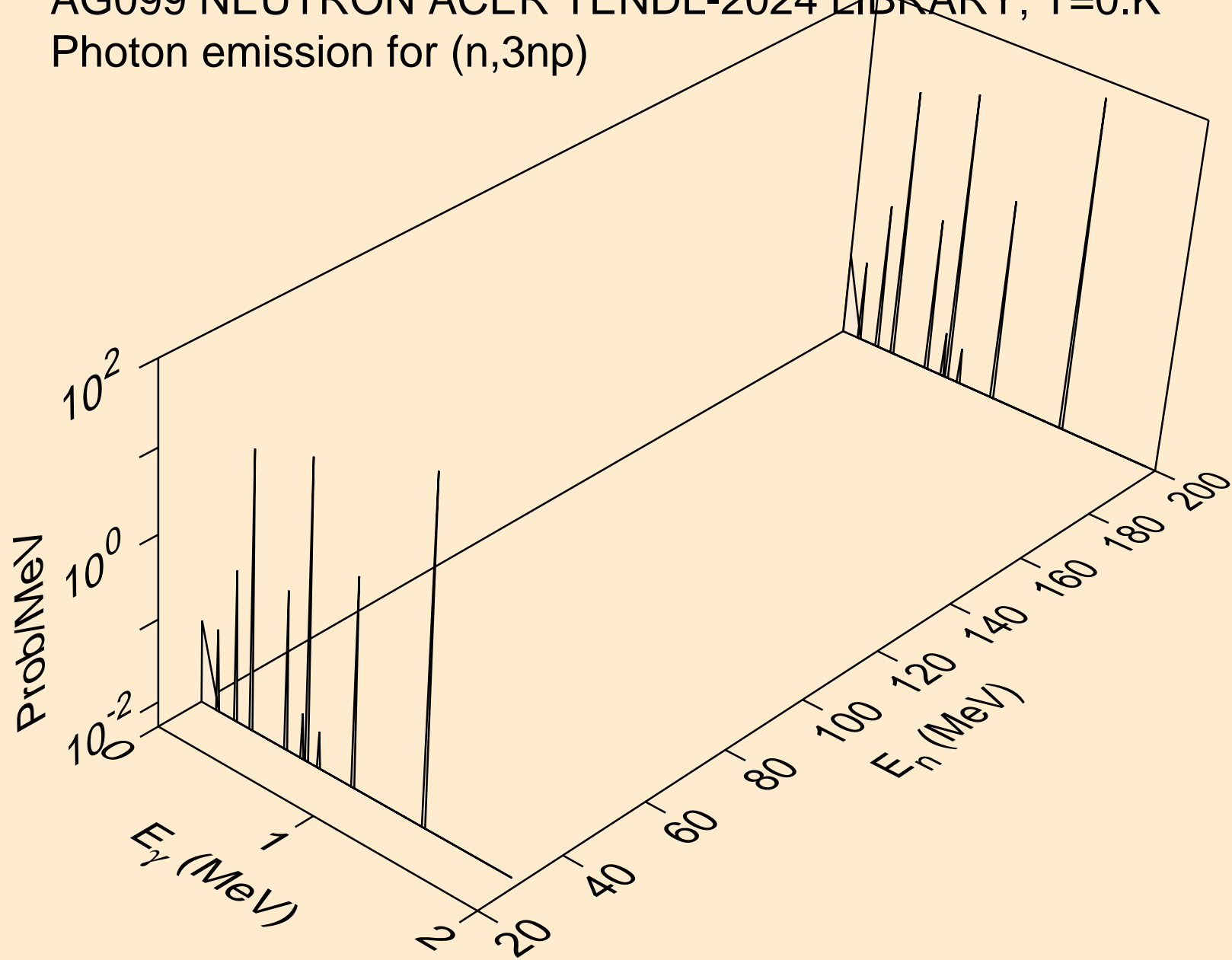
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



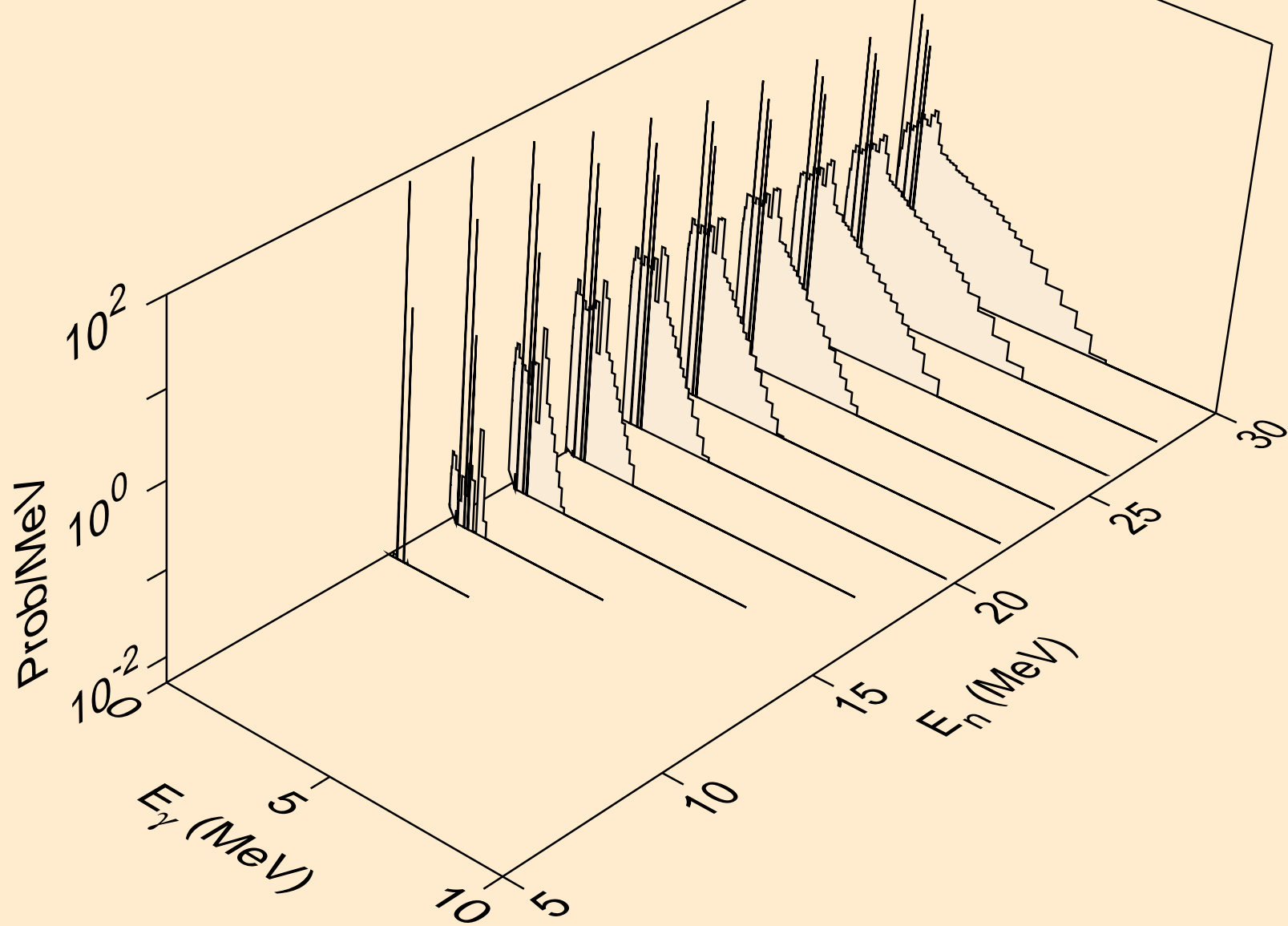
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

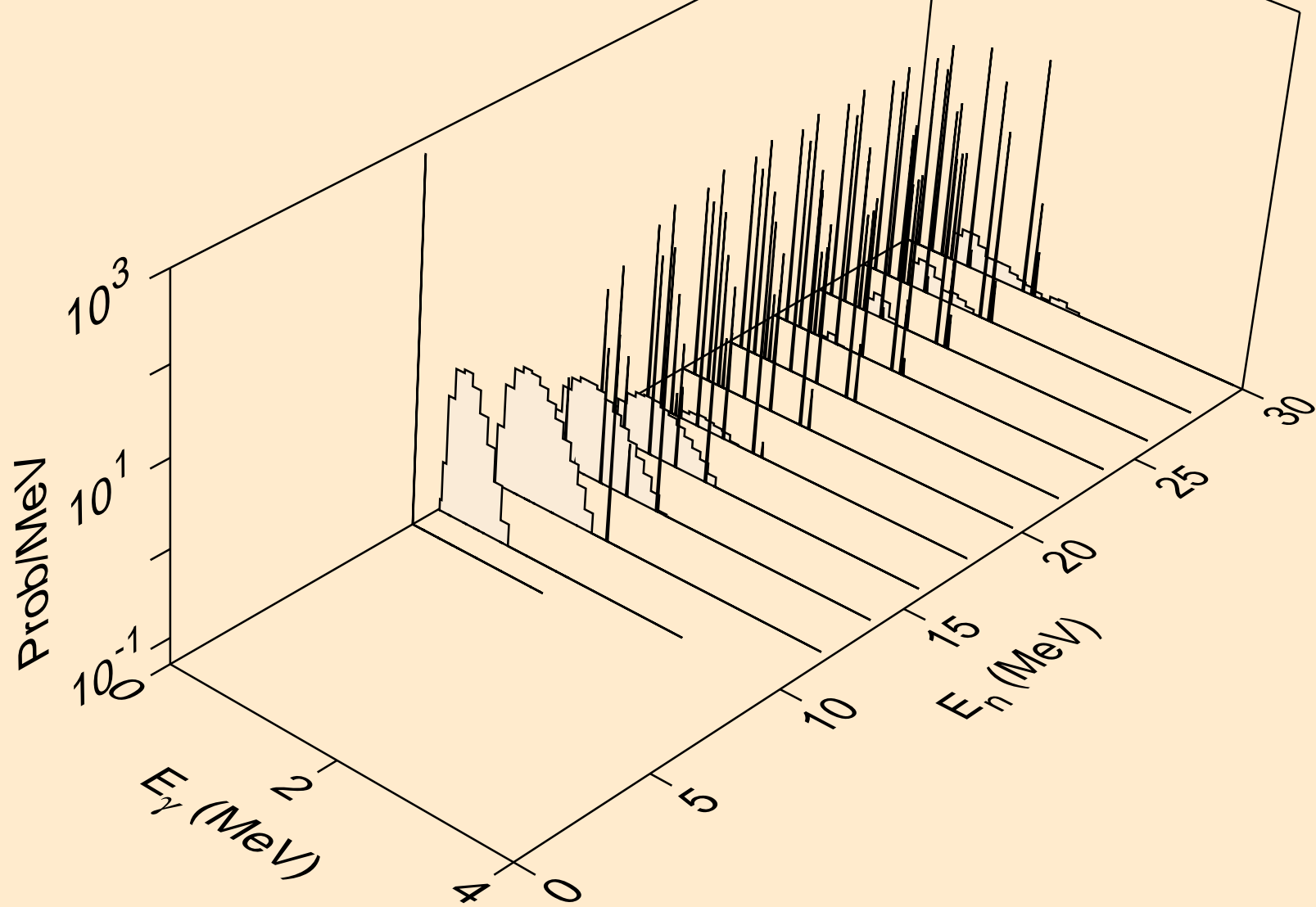


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

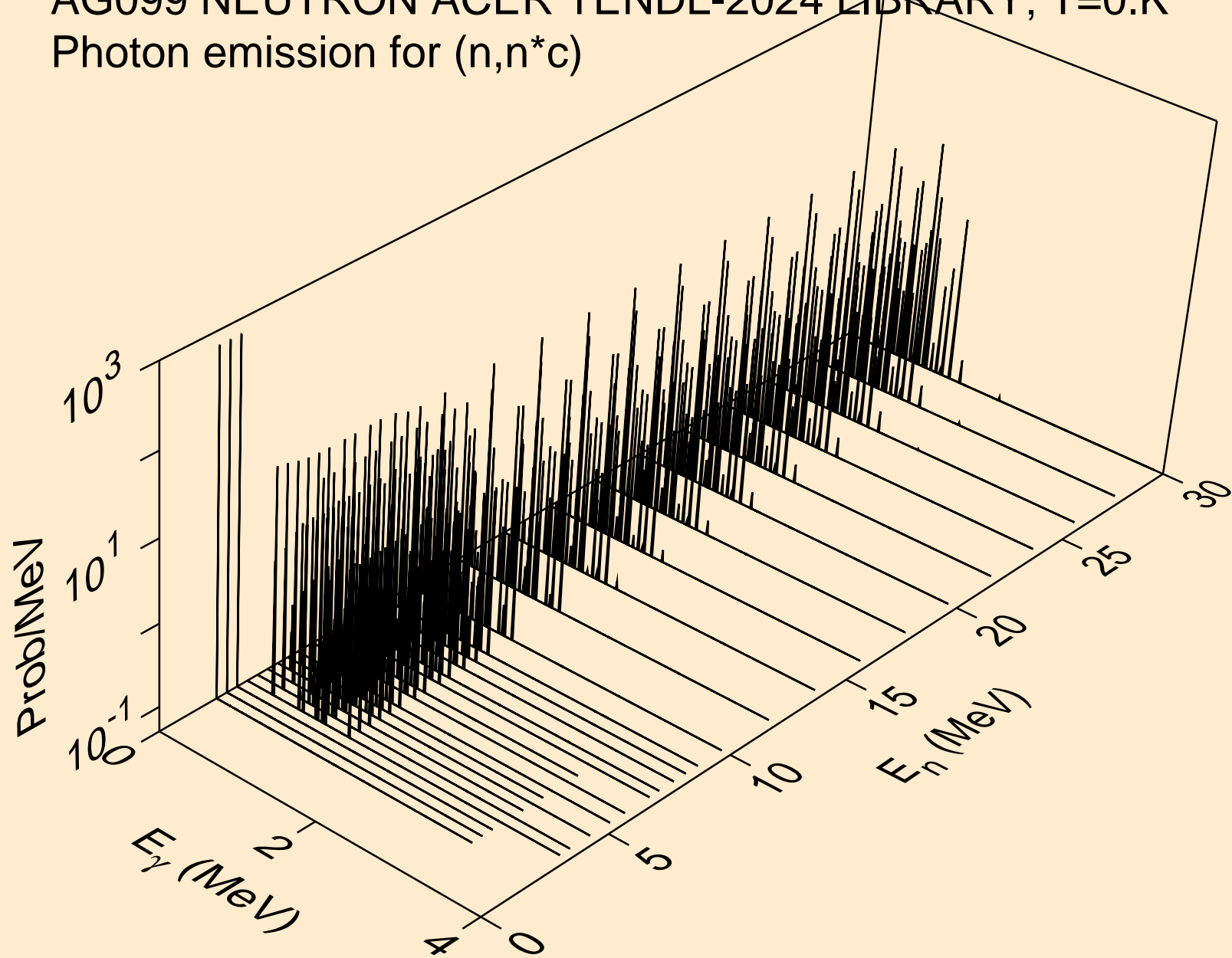




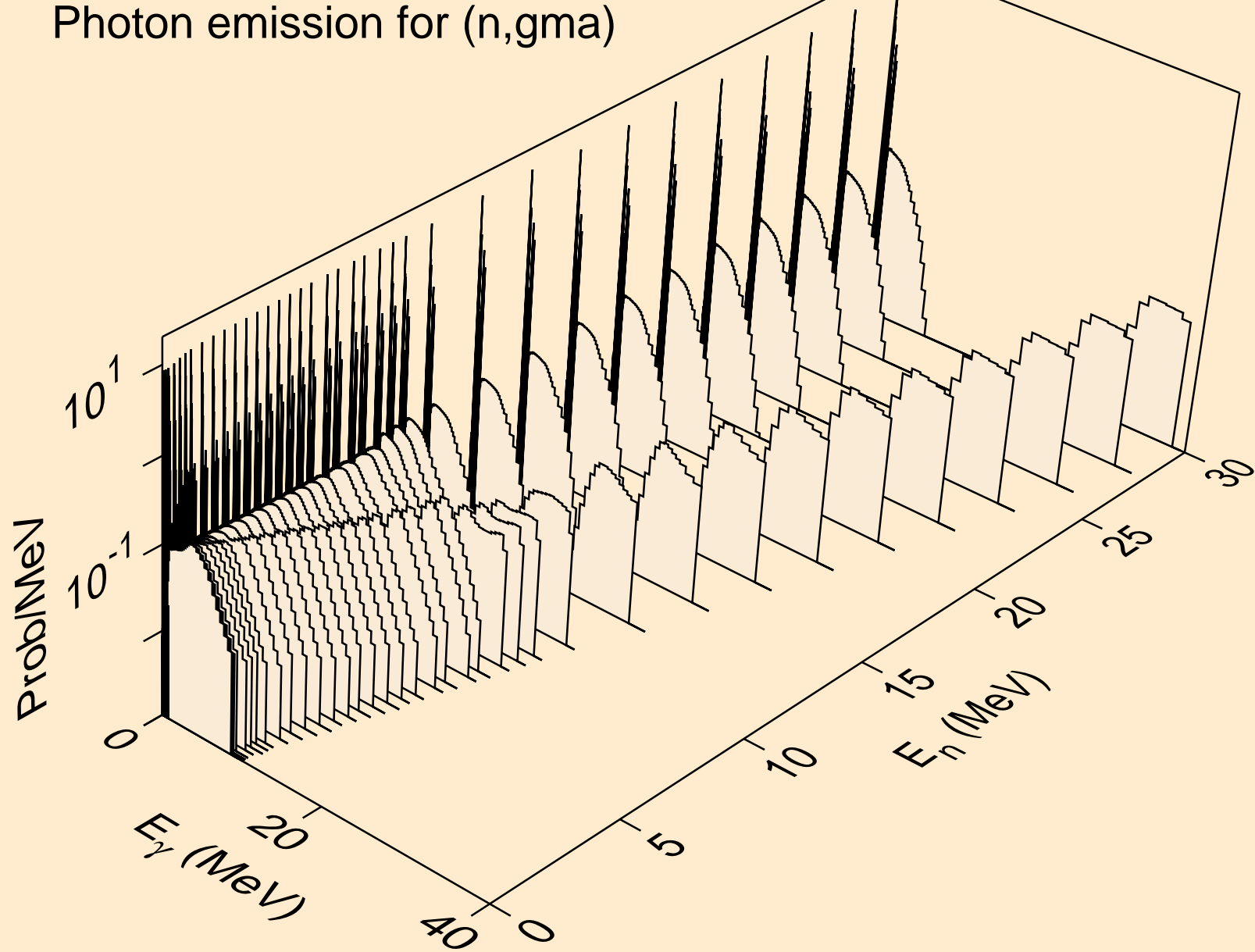
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



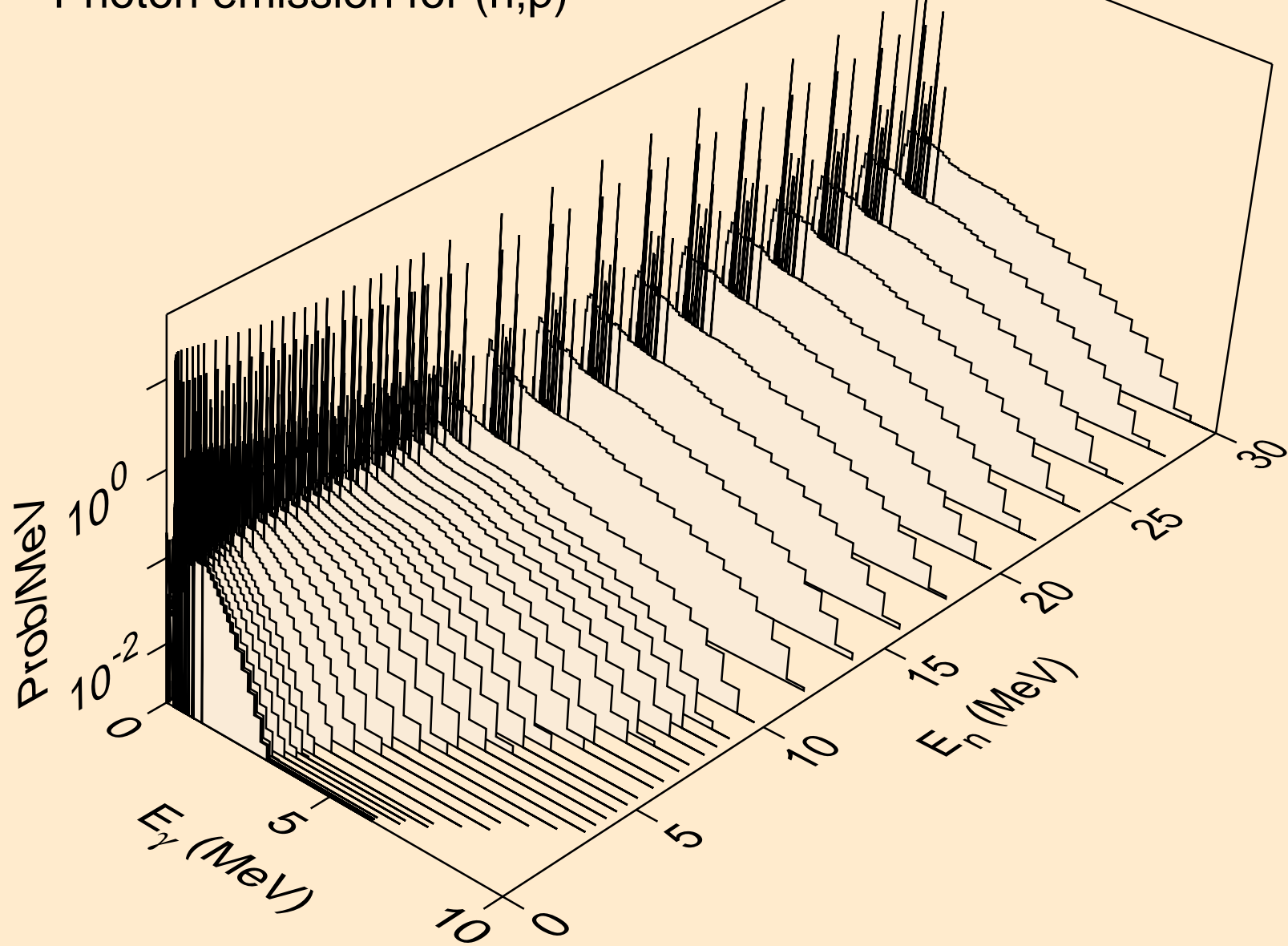
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



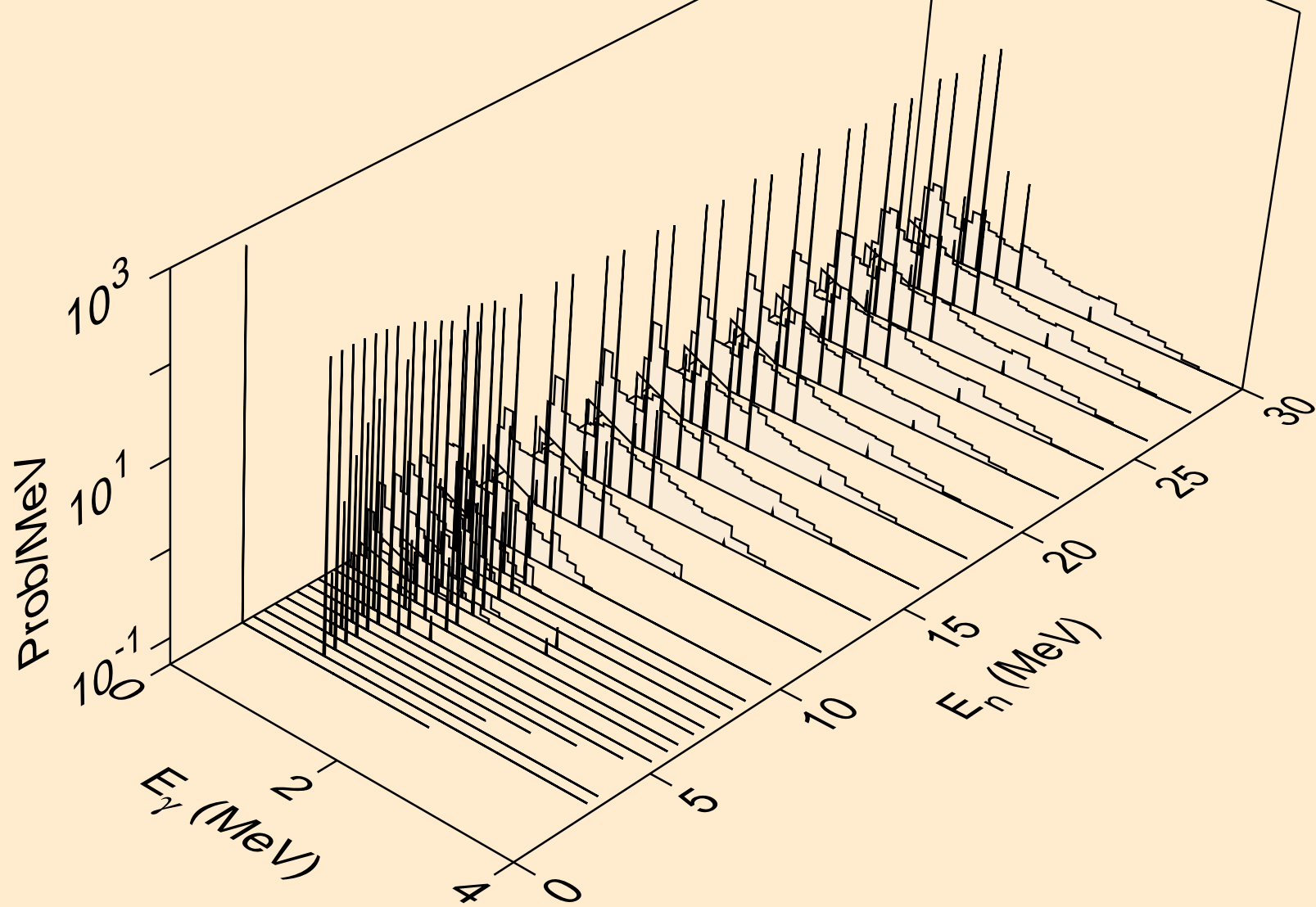
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



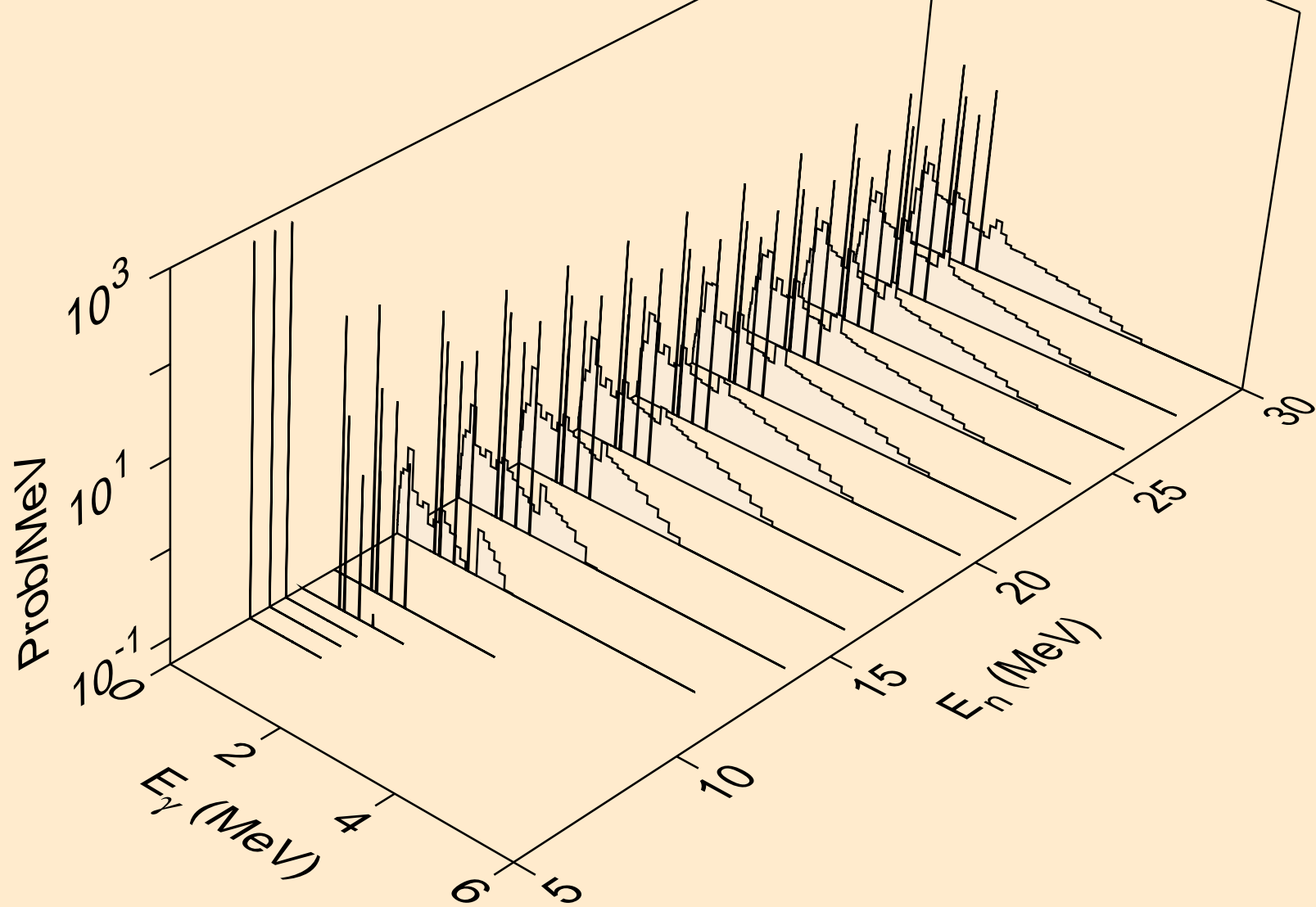
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



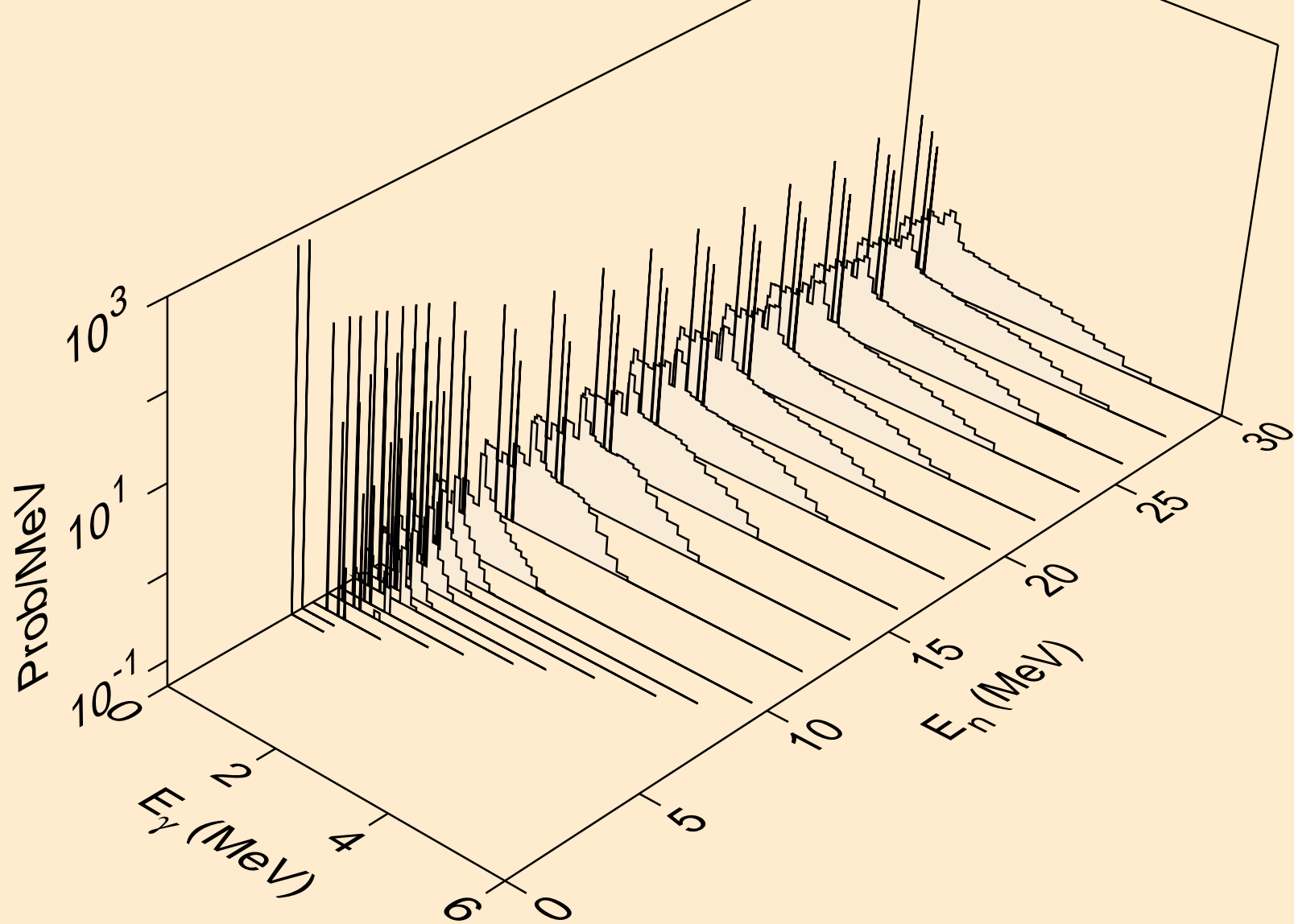
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



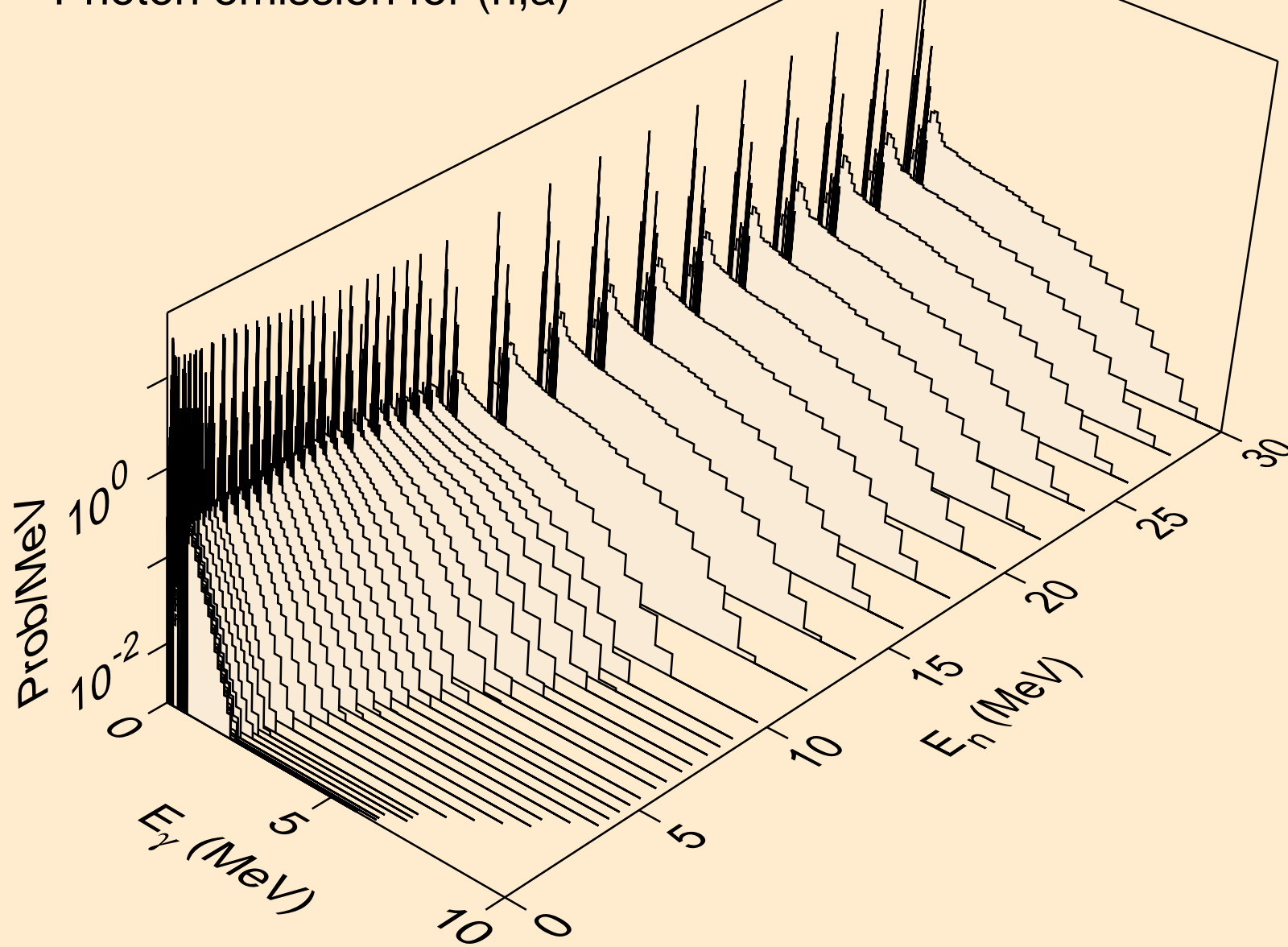
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

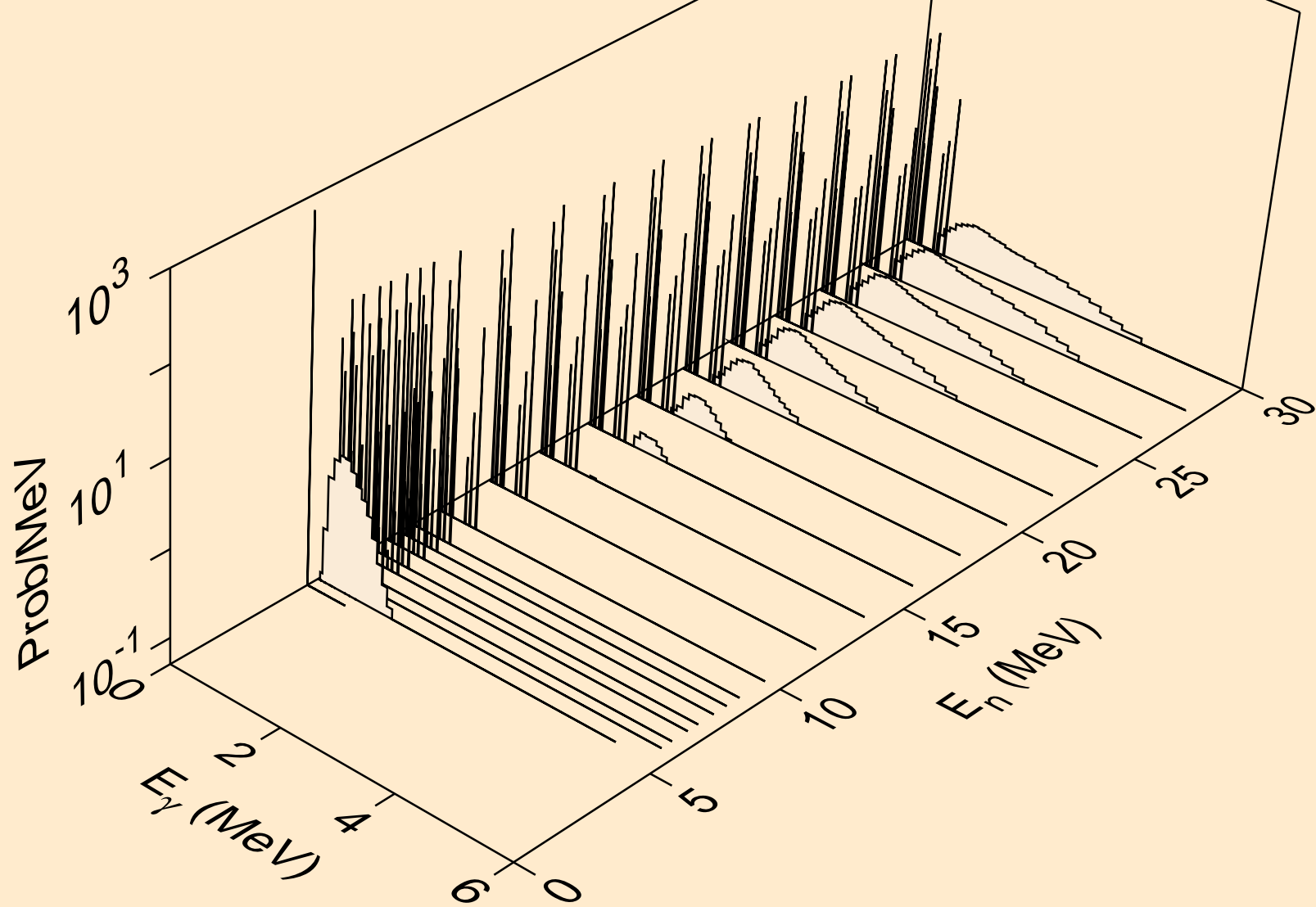


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

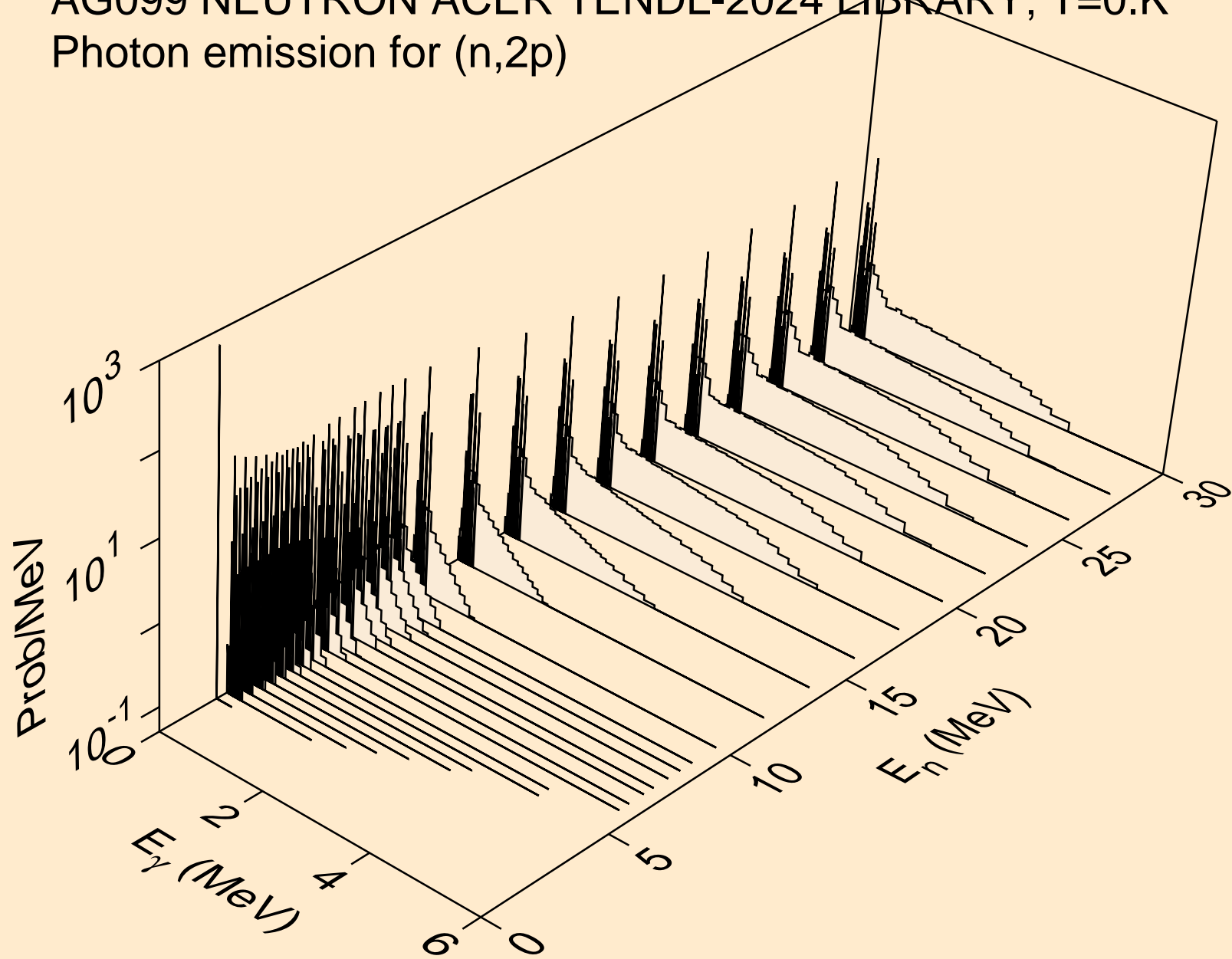




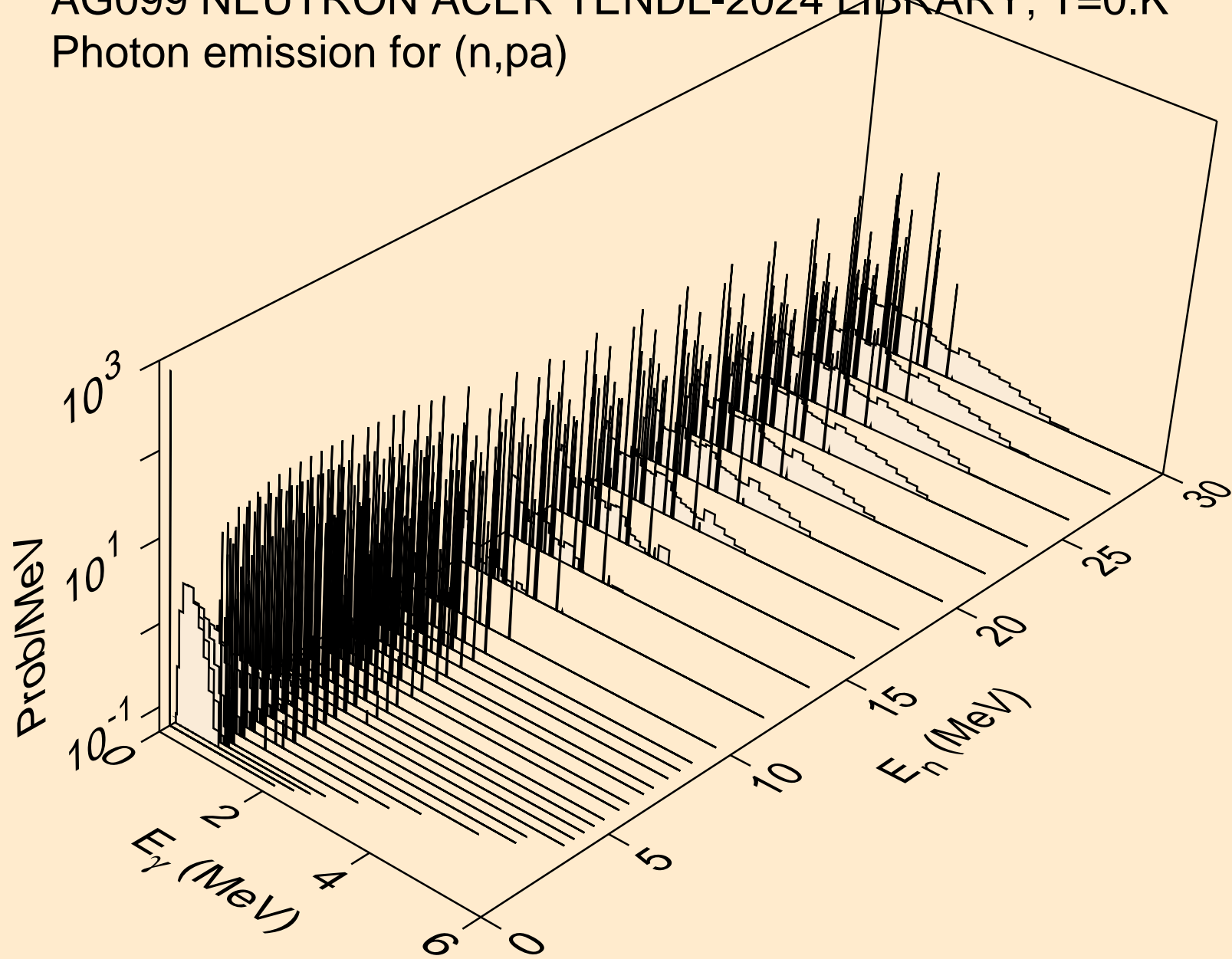
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



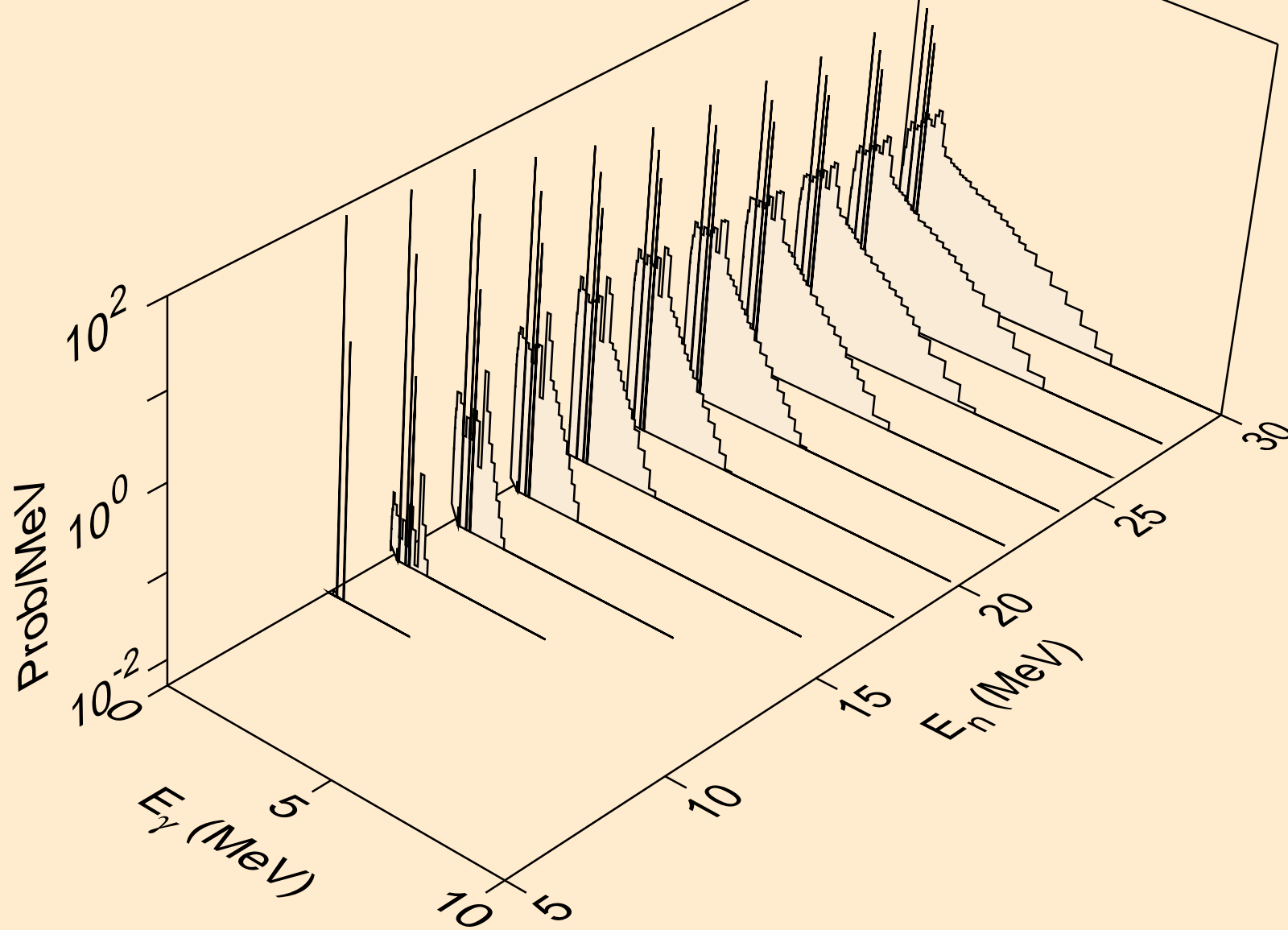
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



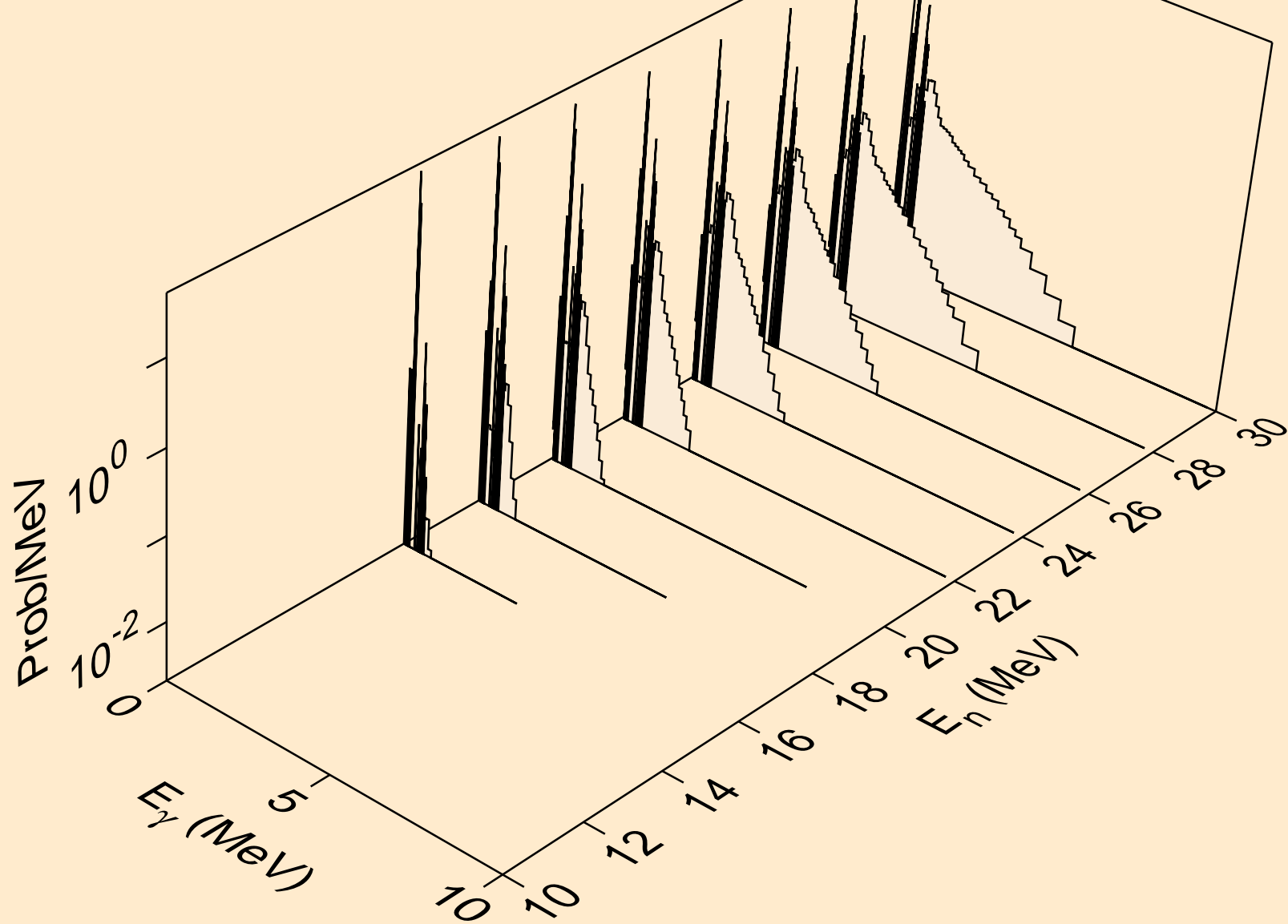
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



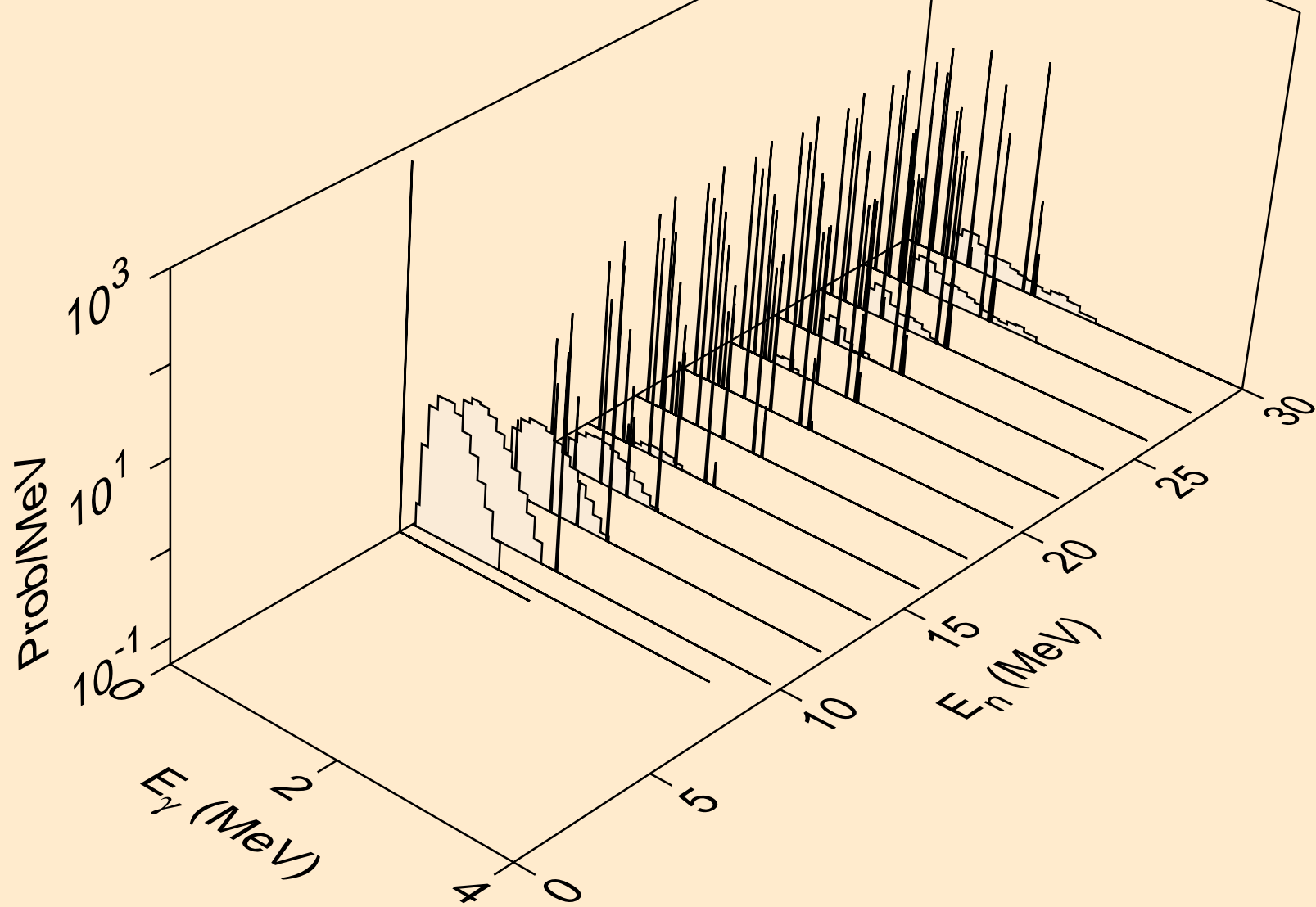
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



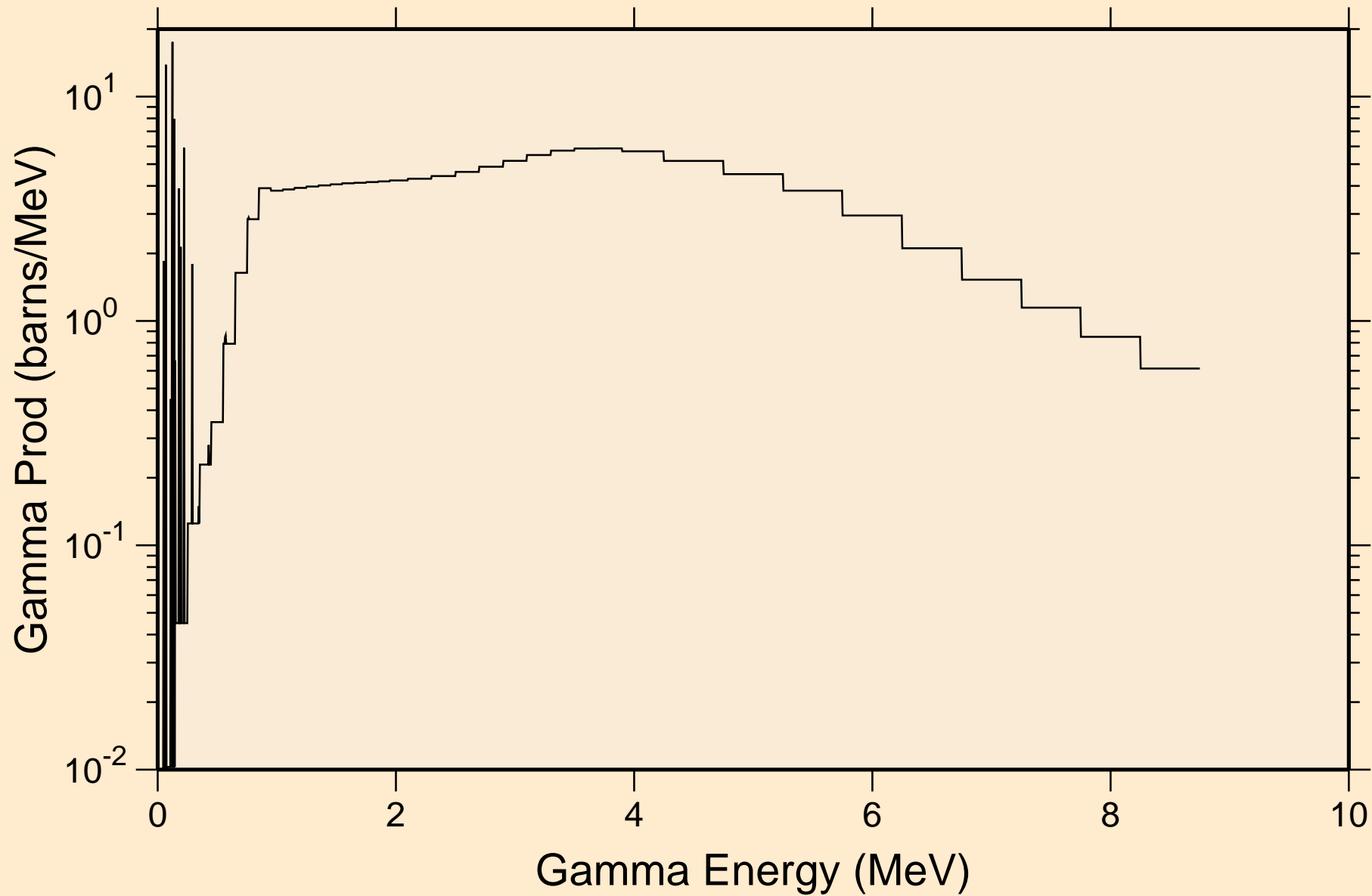
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



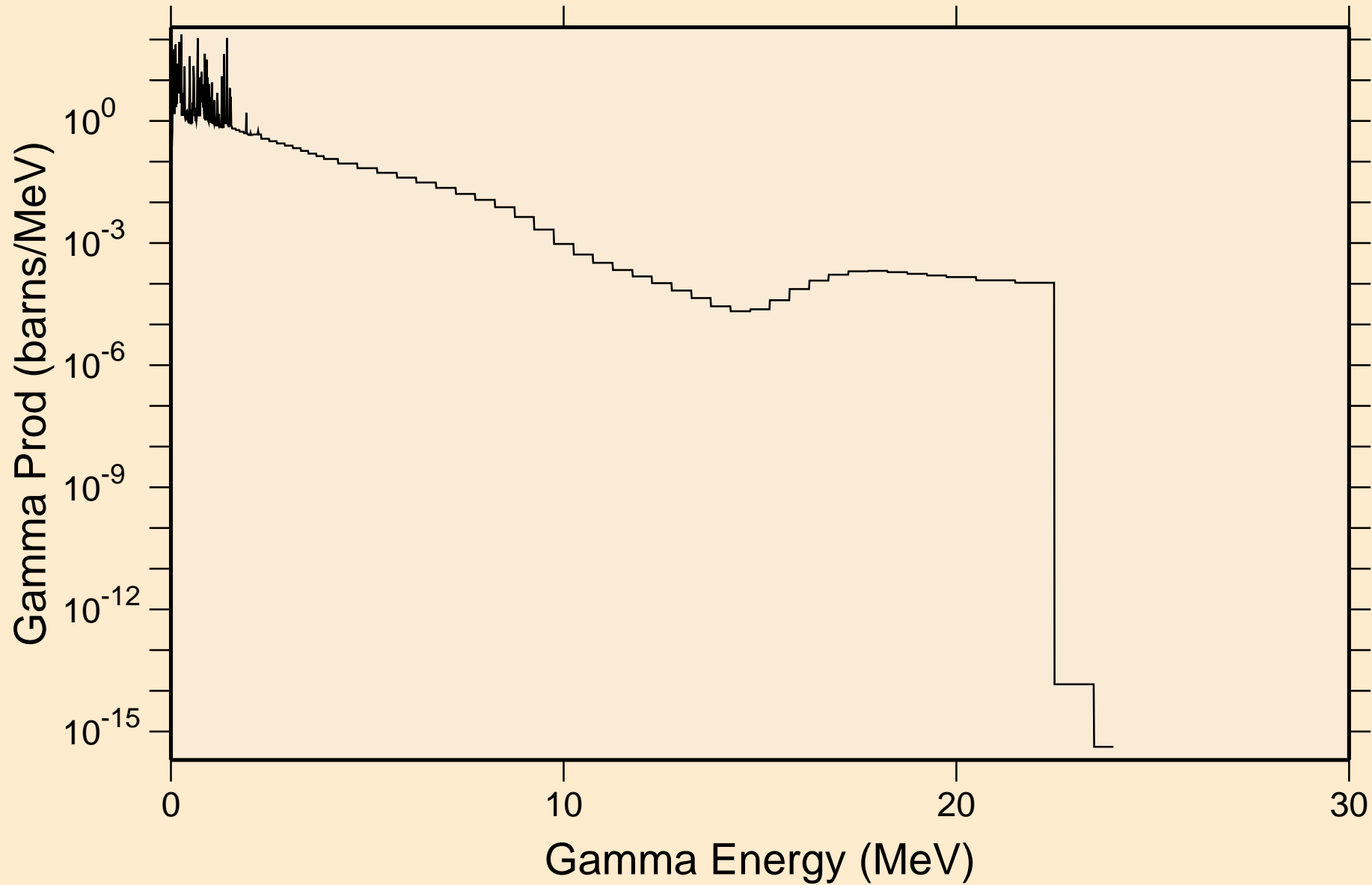
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



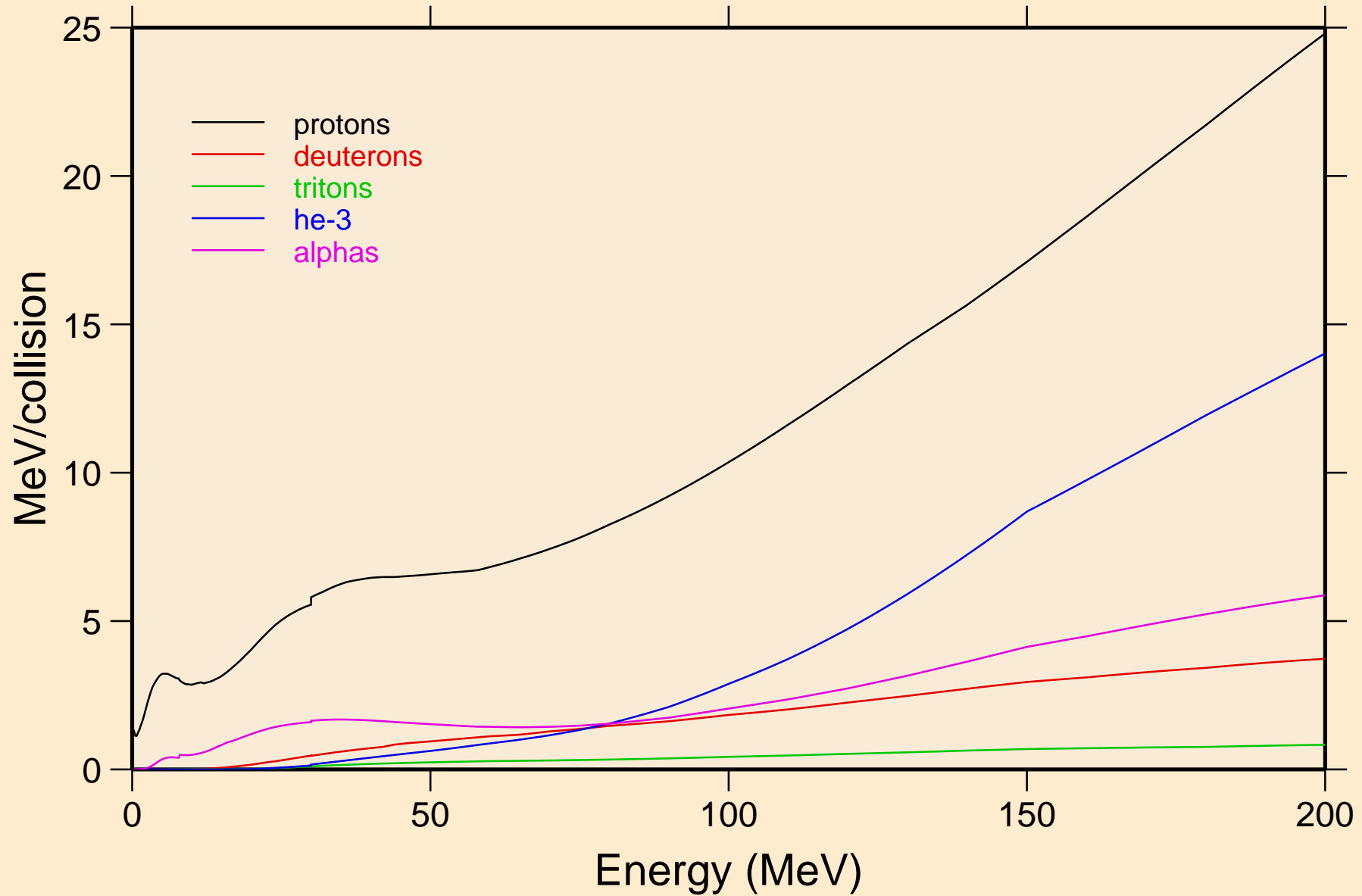
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



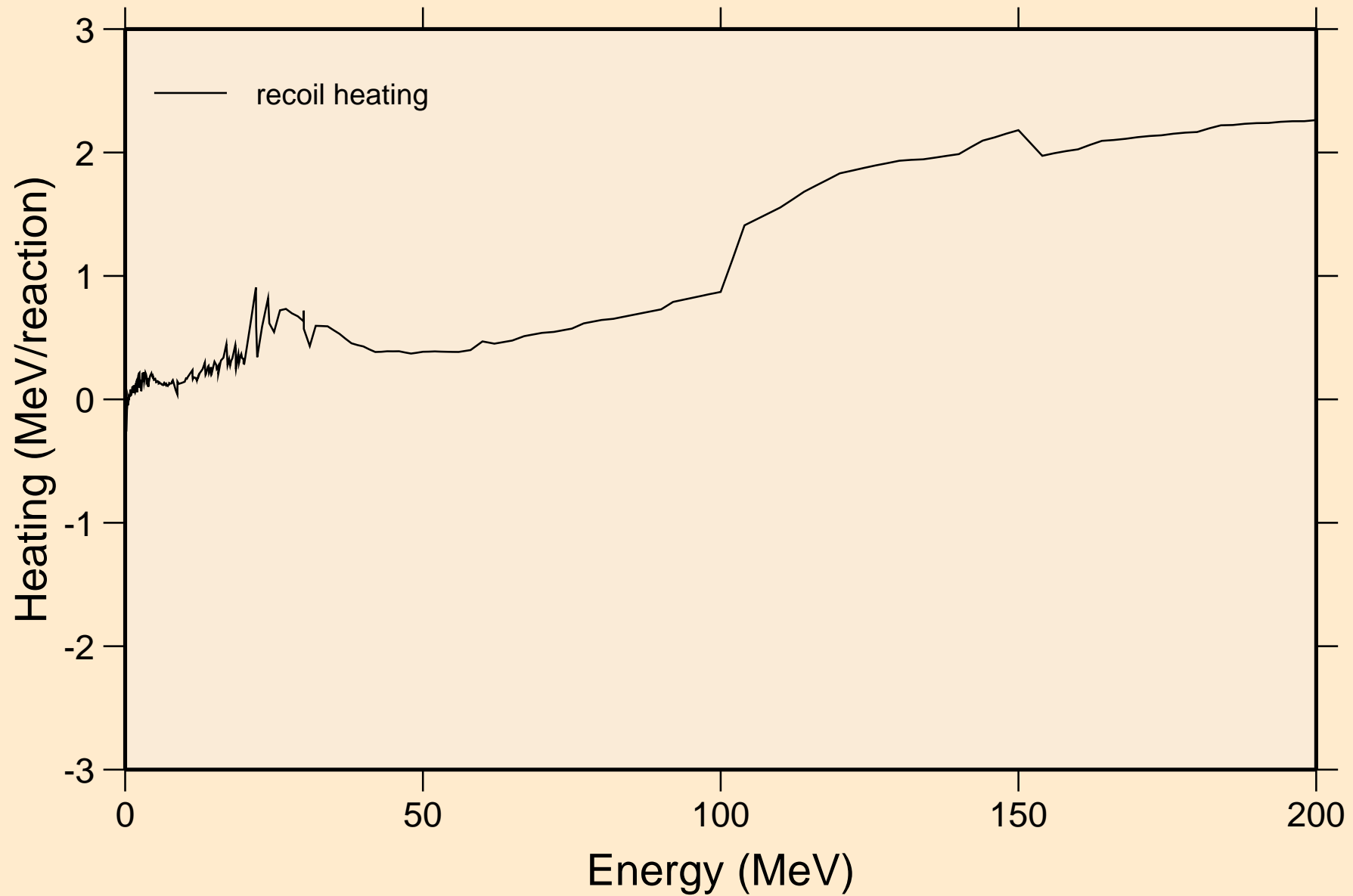


# AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

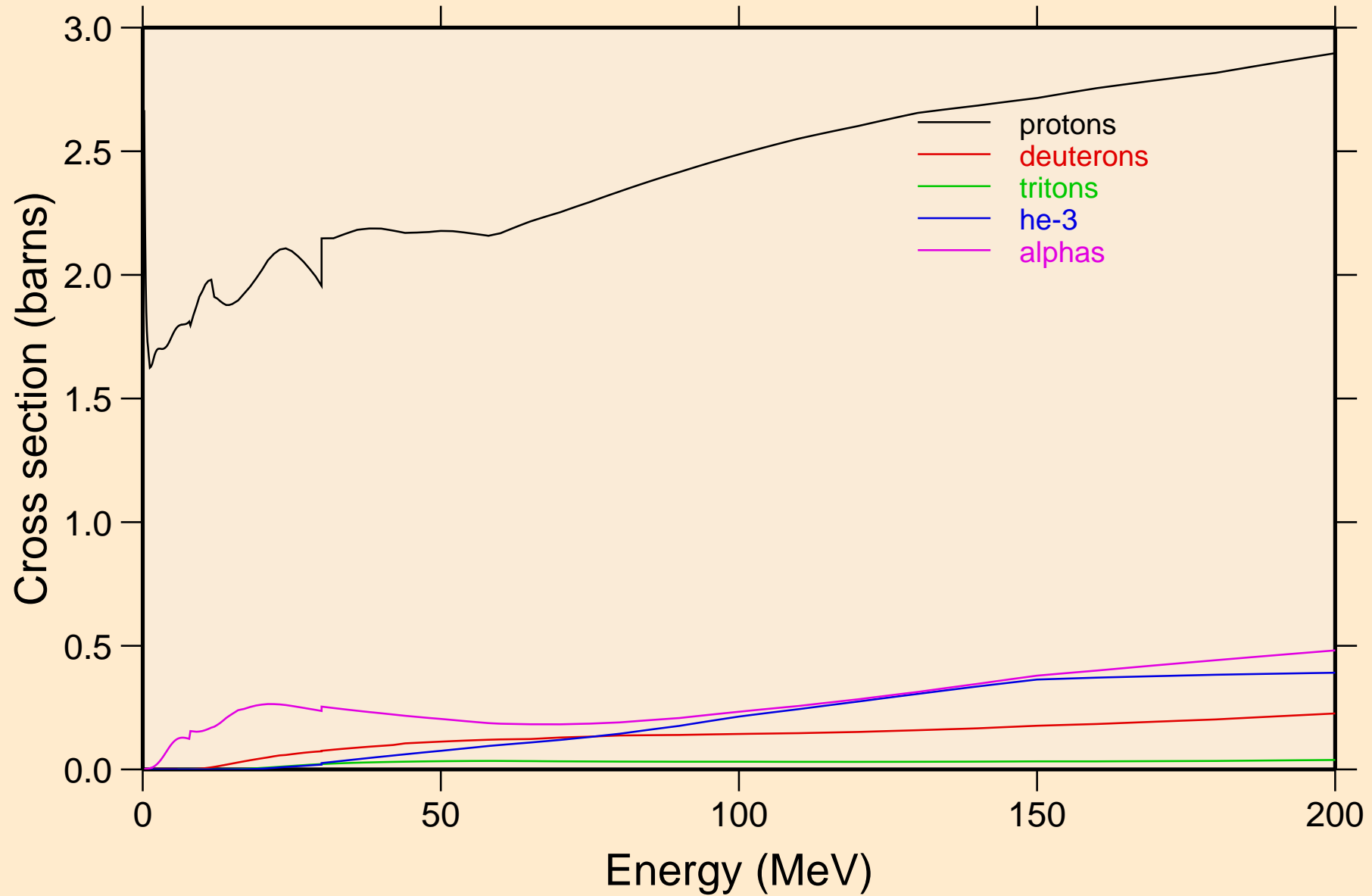


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

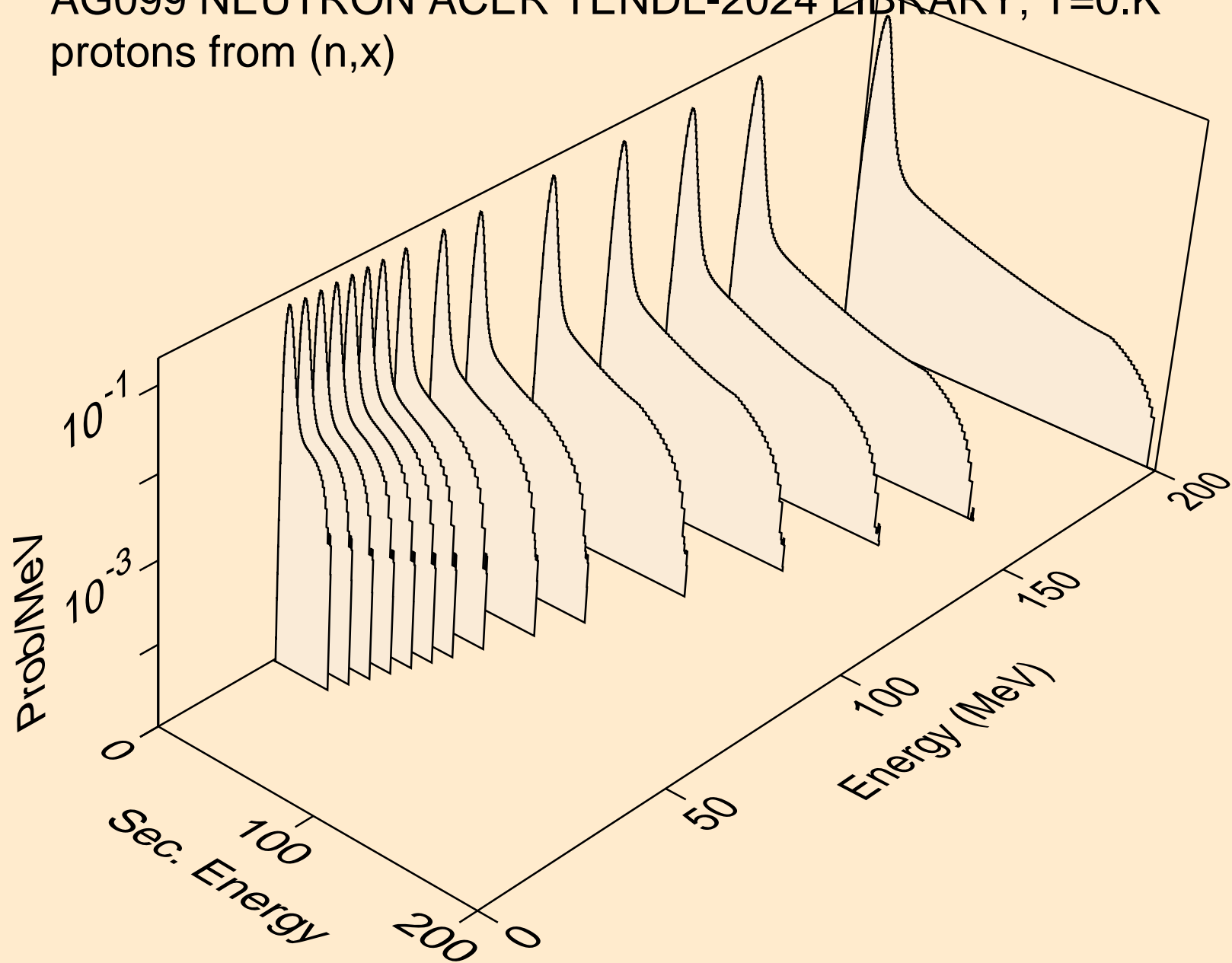


# AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

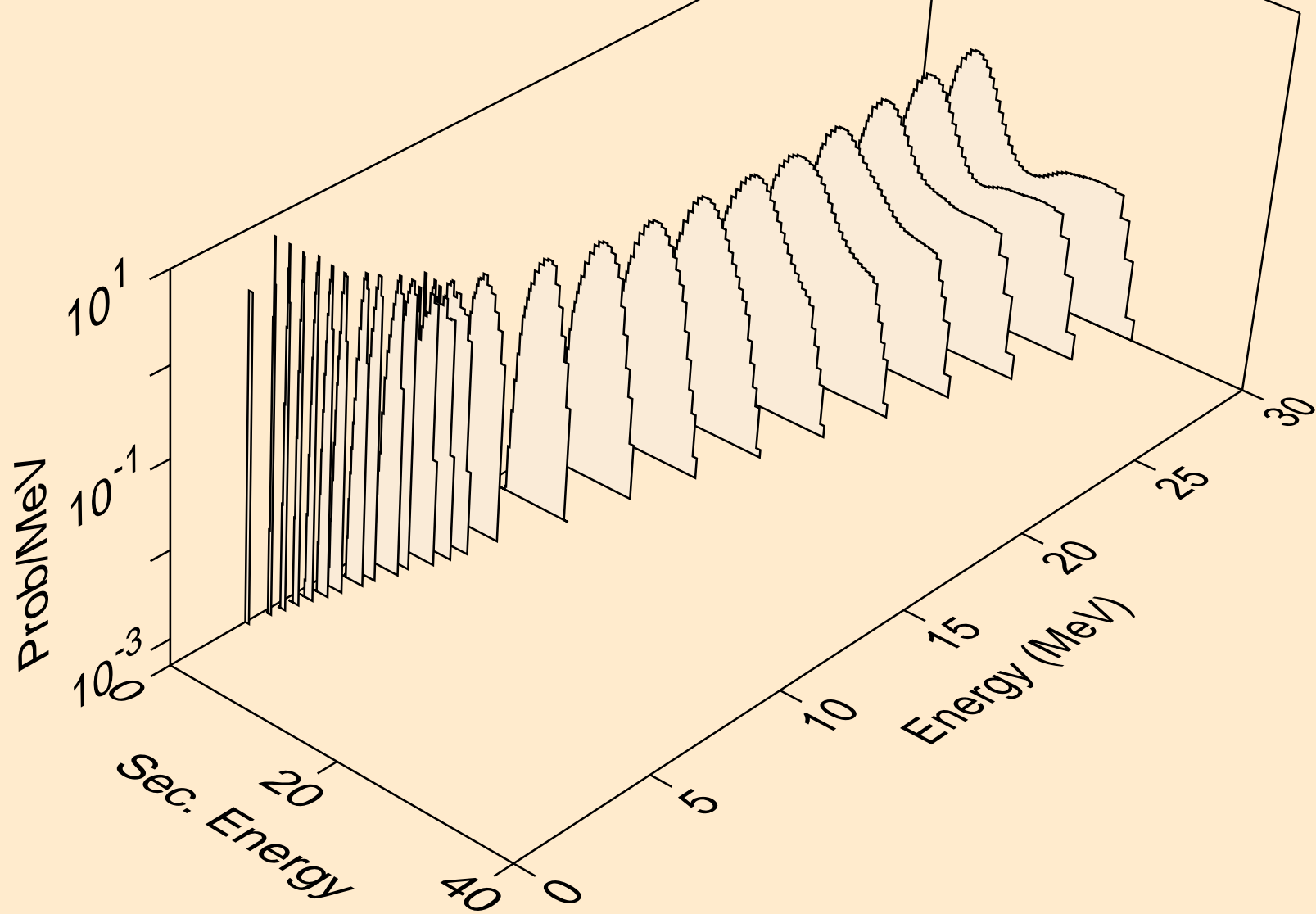
## Particle production cross sections



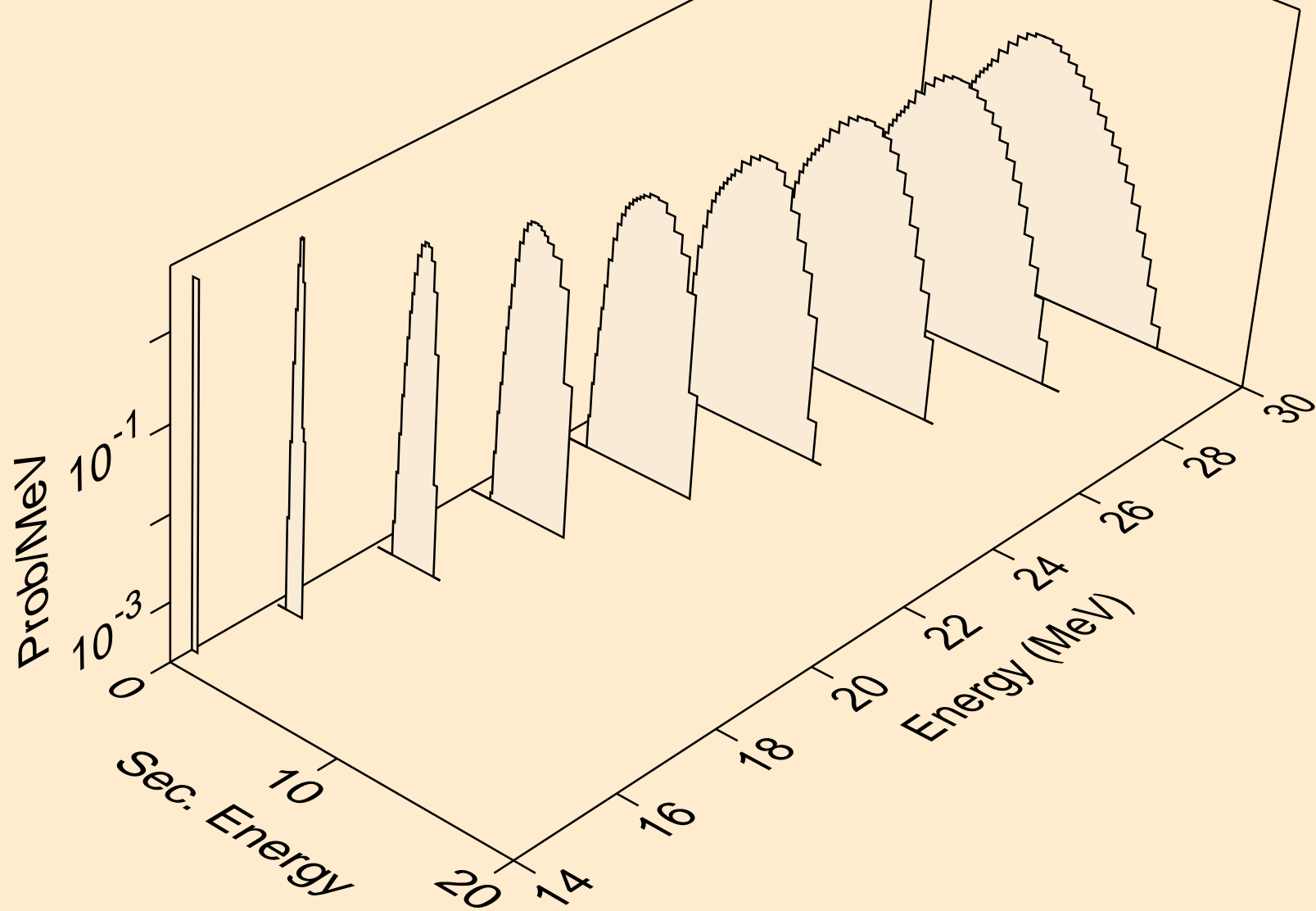
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



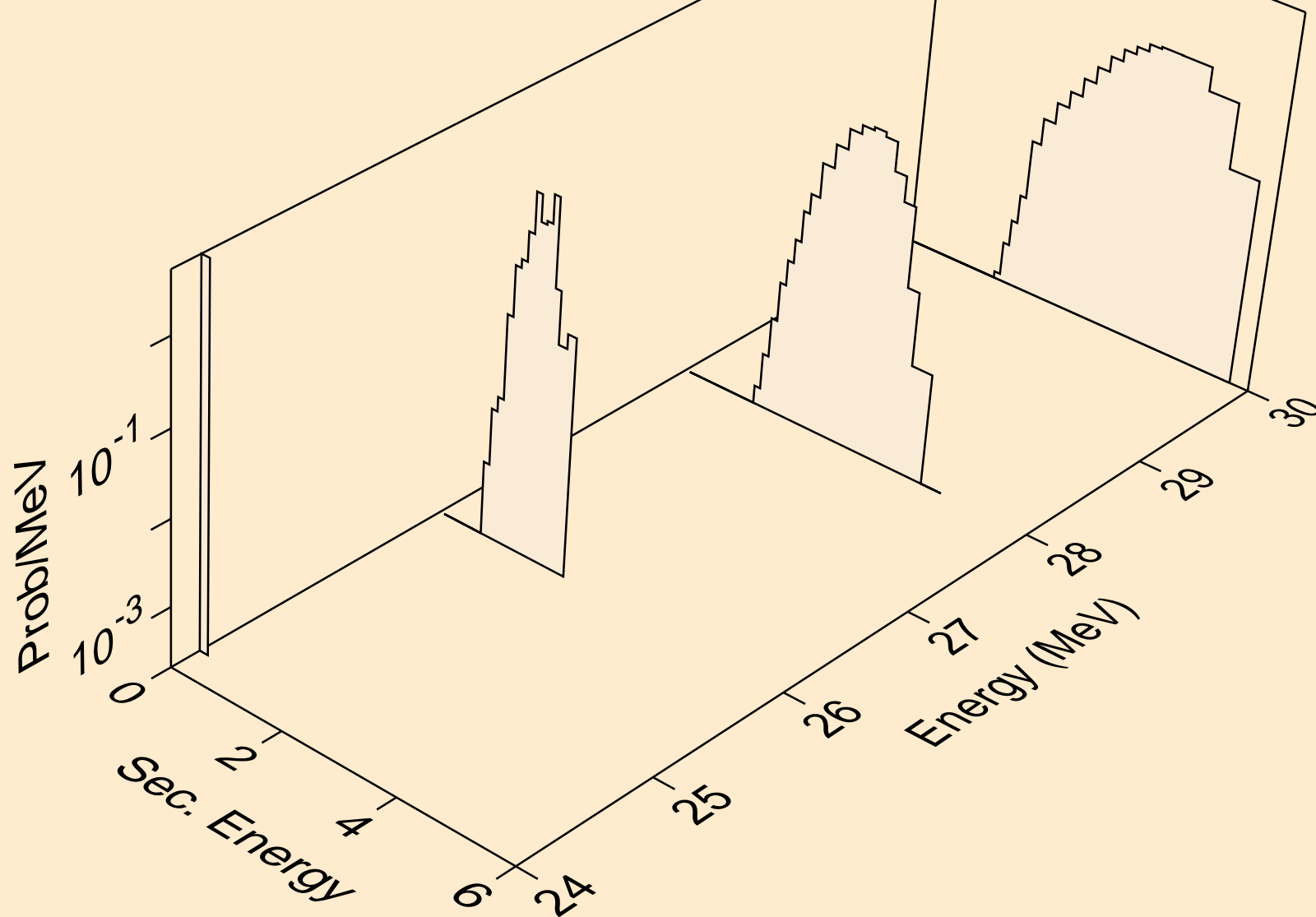
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



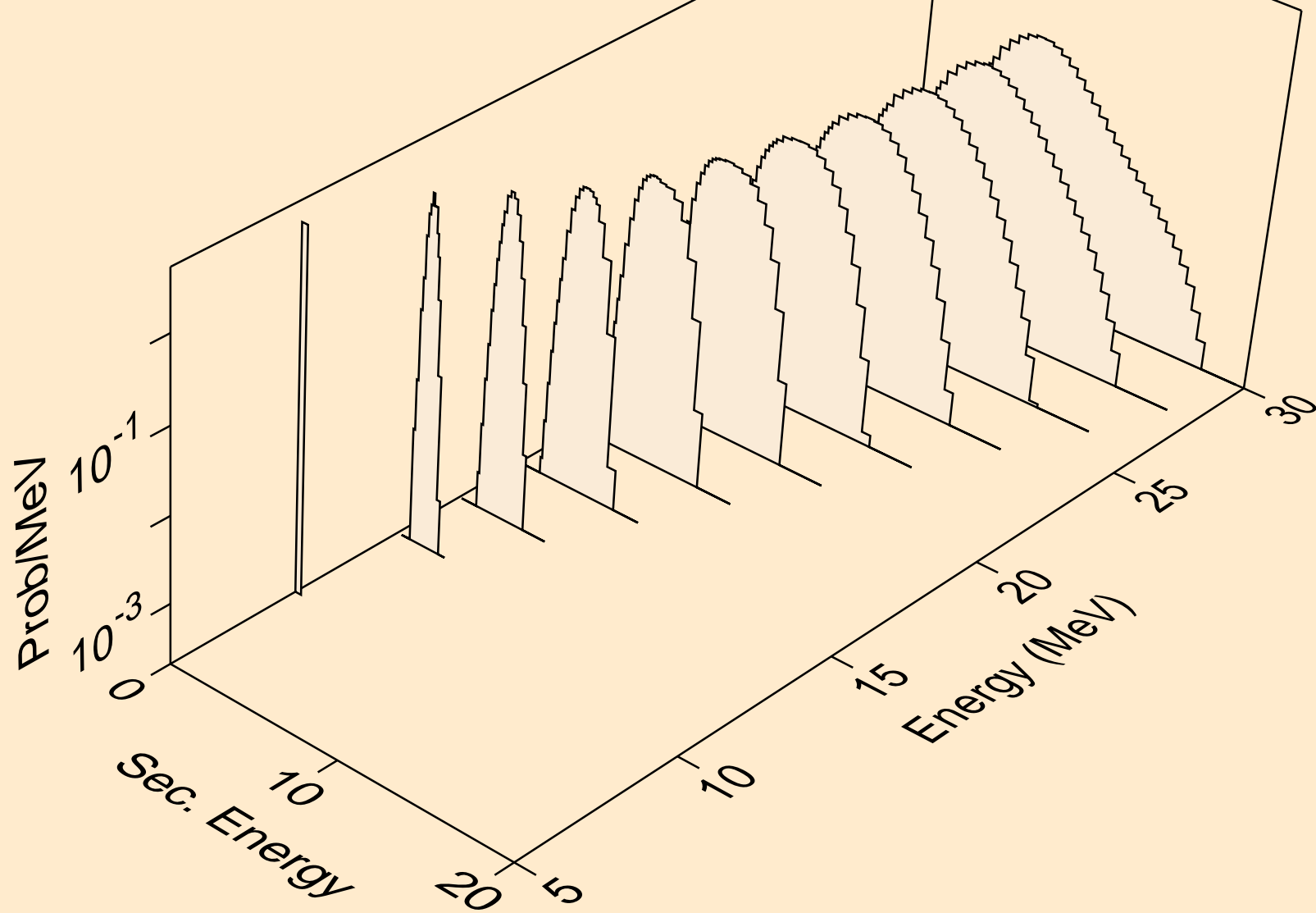
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

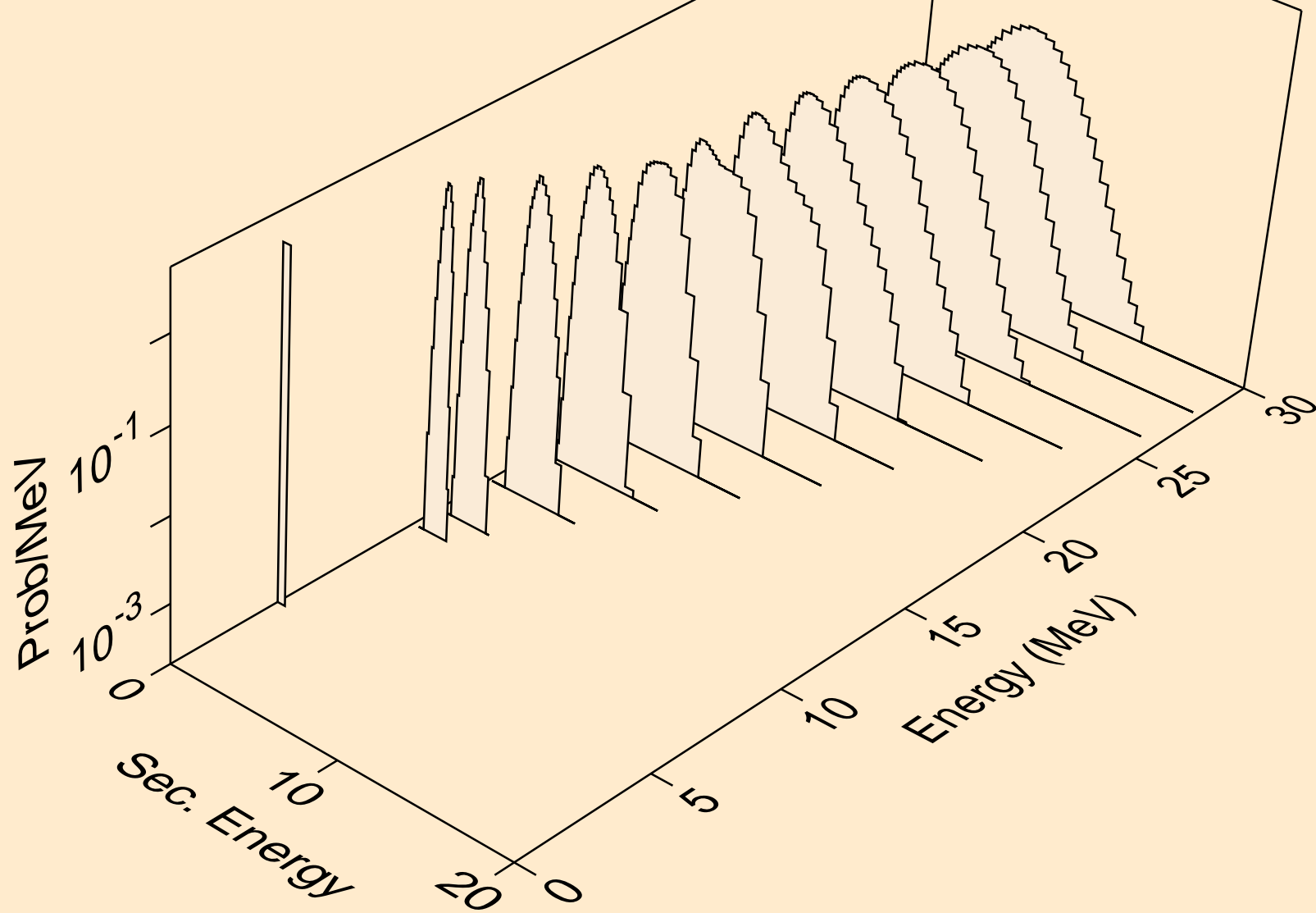


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

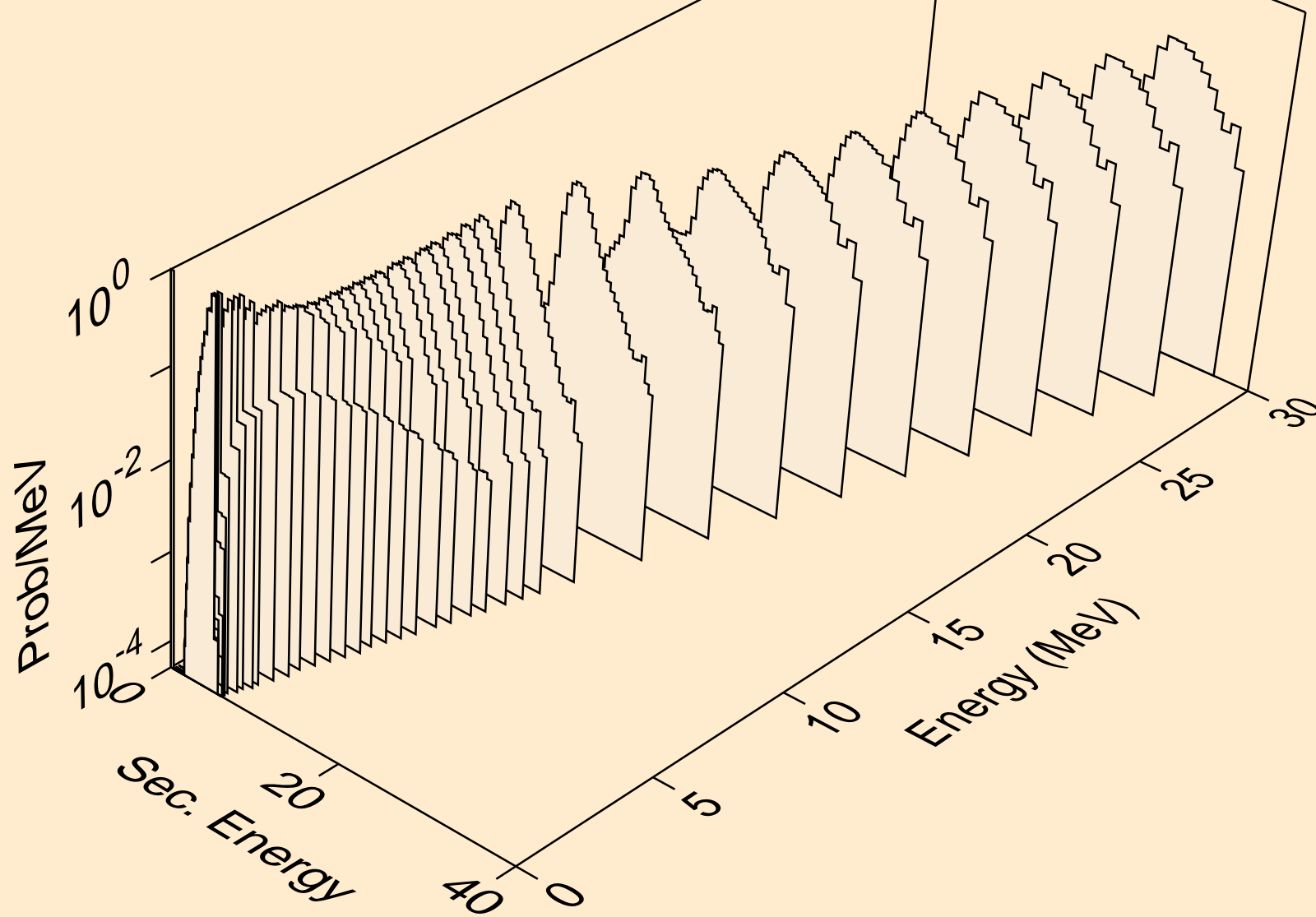




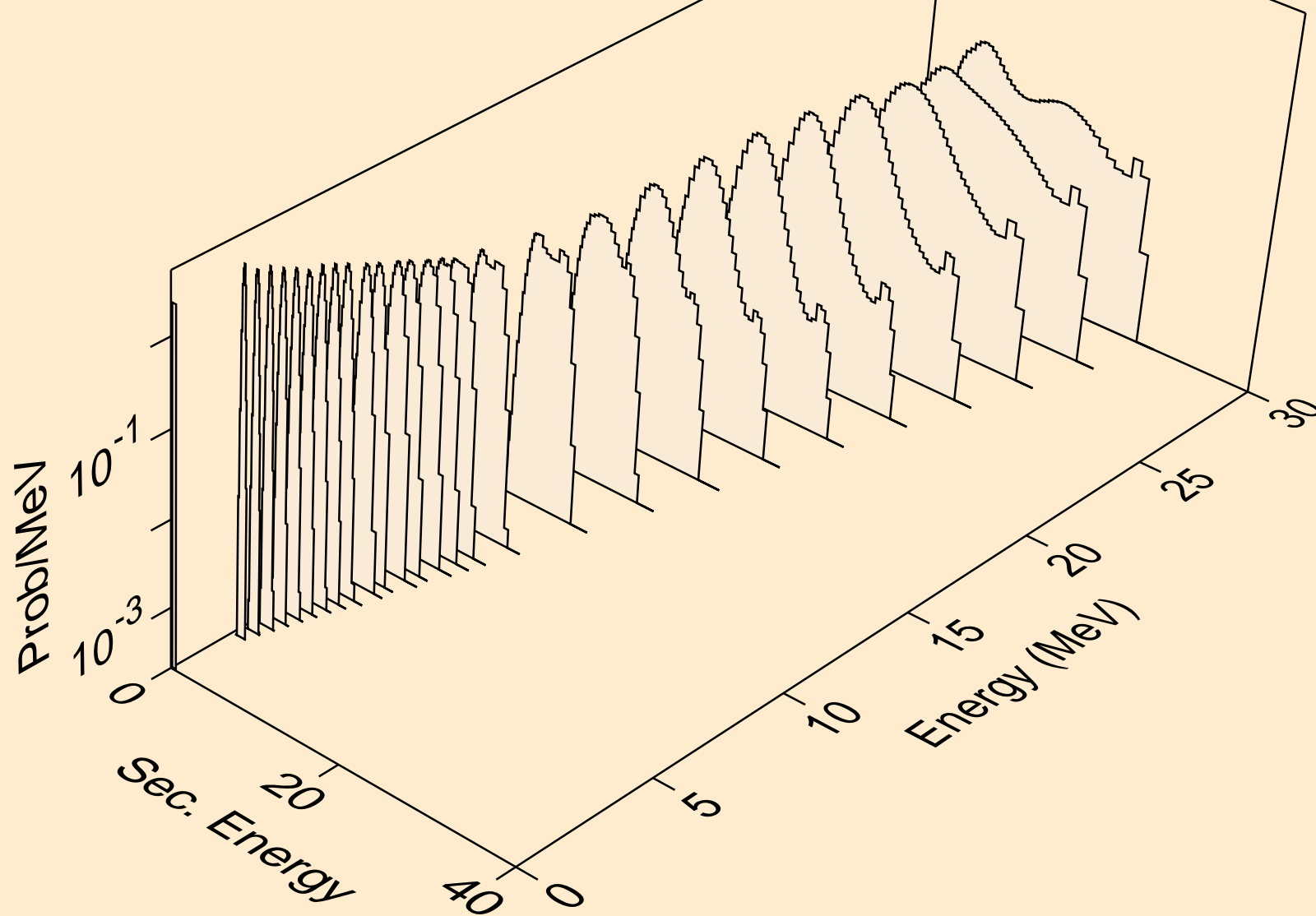
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



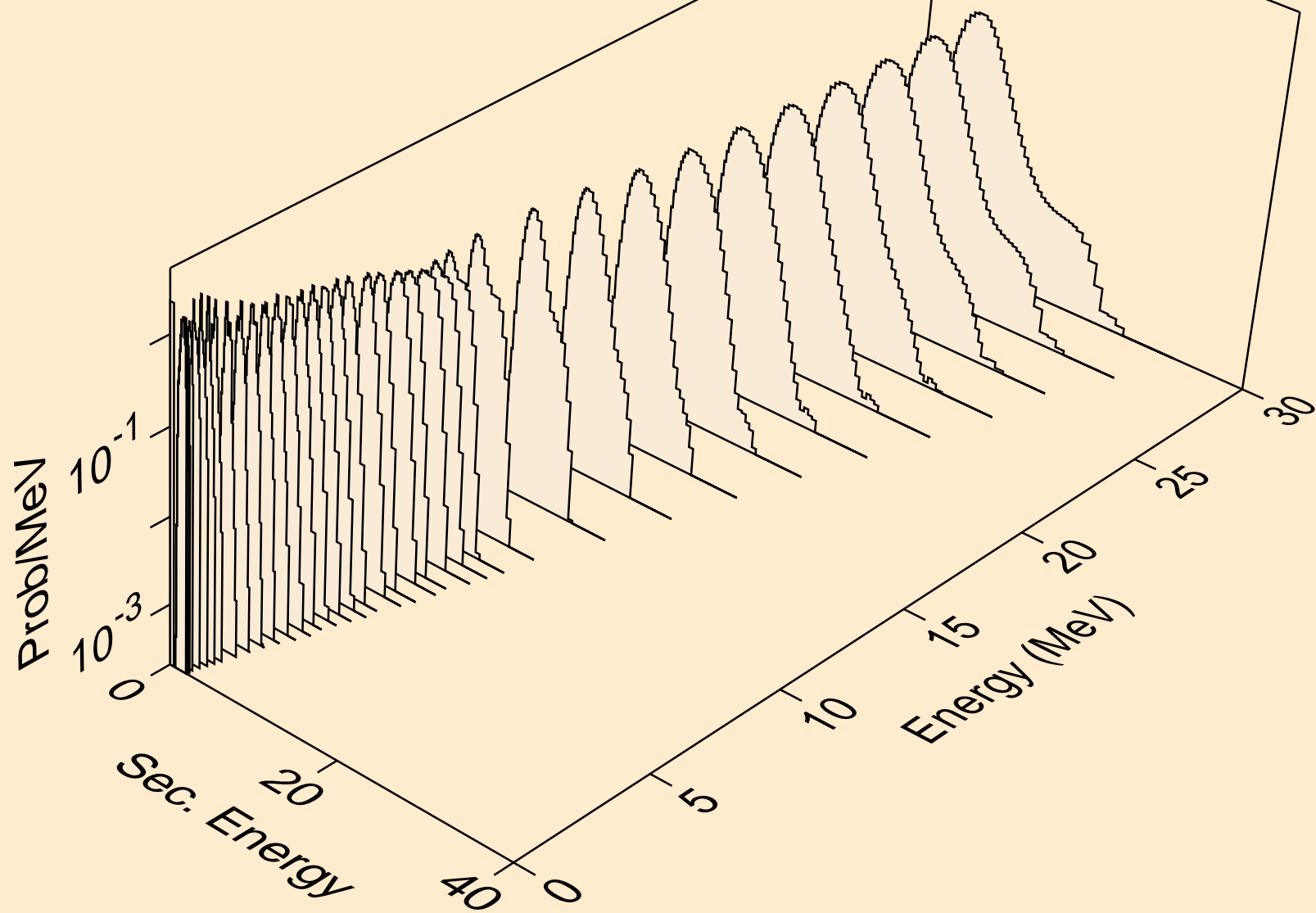
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protons from (n,p)



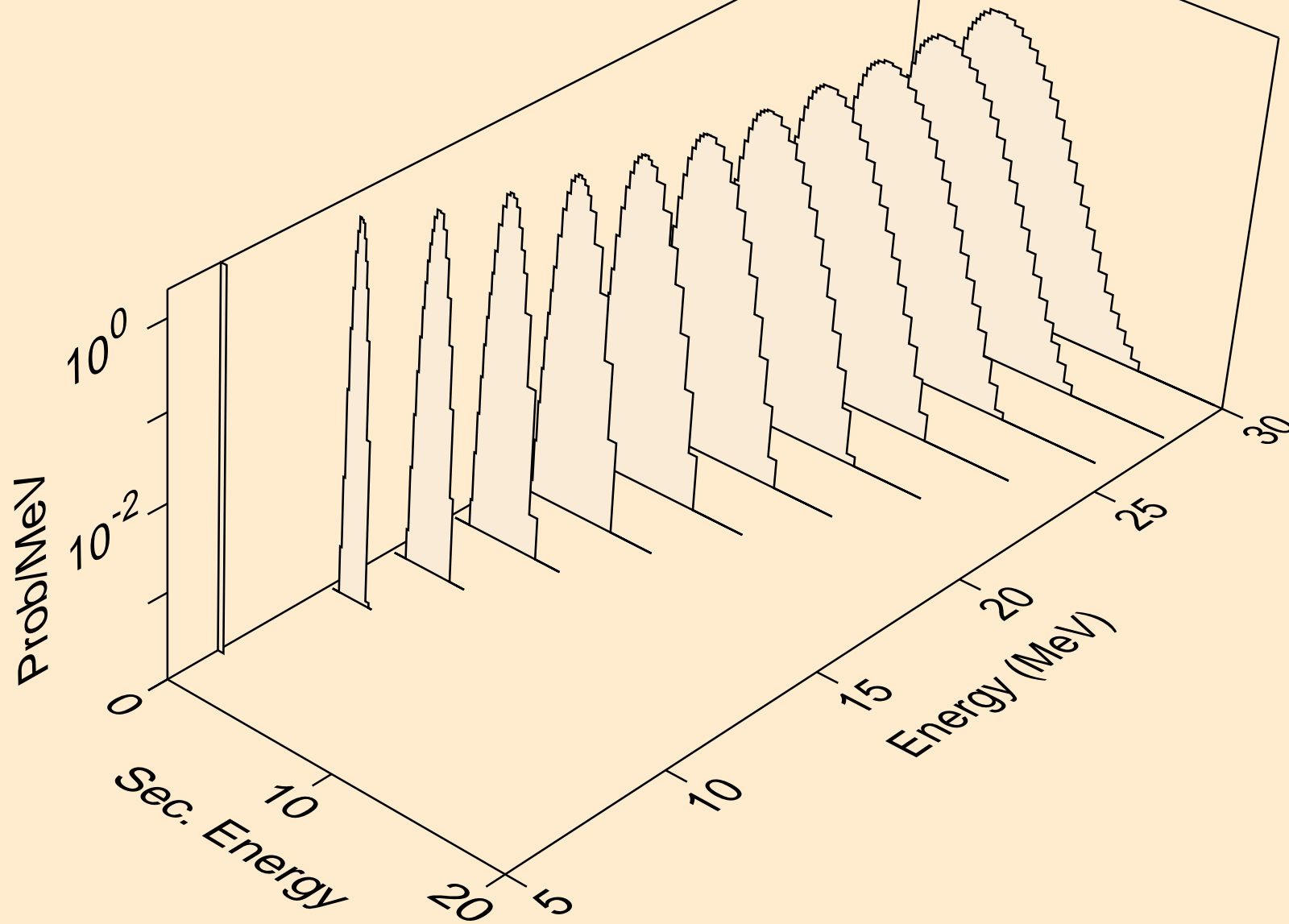
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protons from (n,2p)



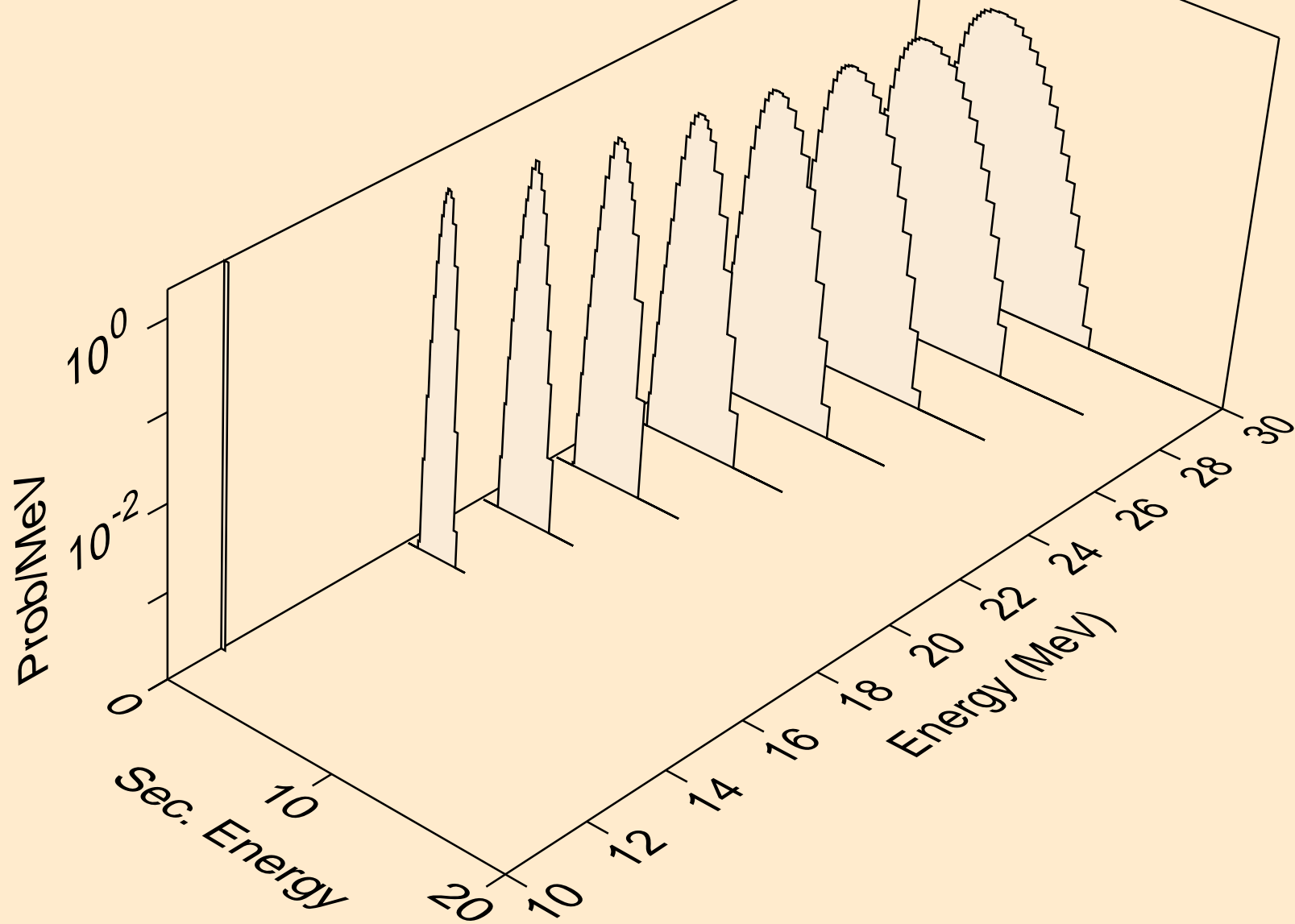
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protons from (n,p)



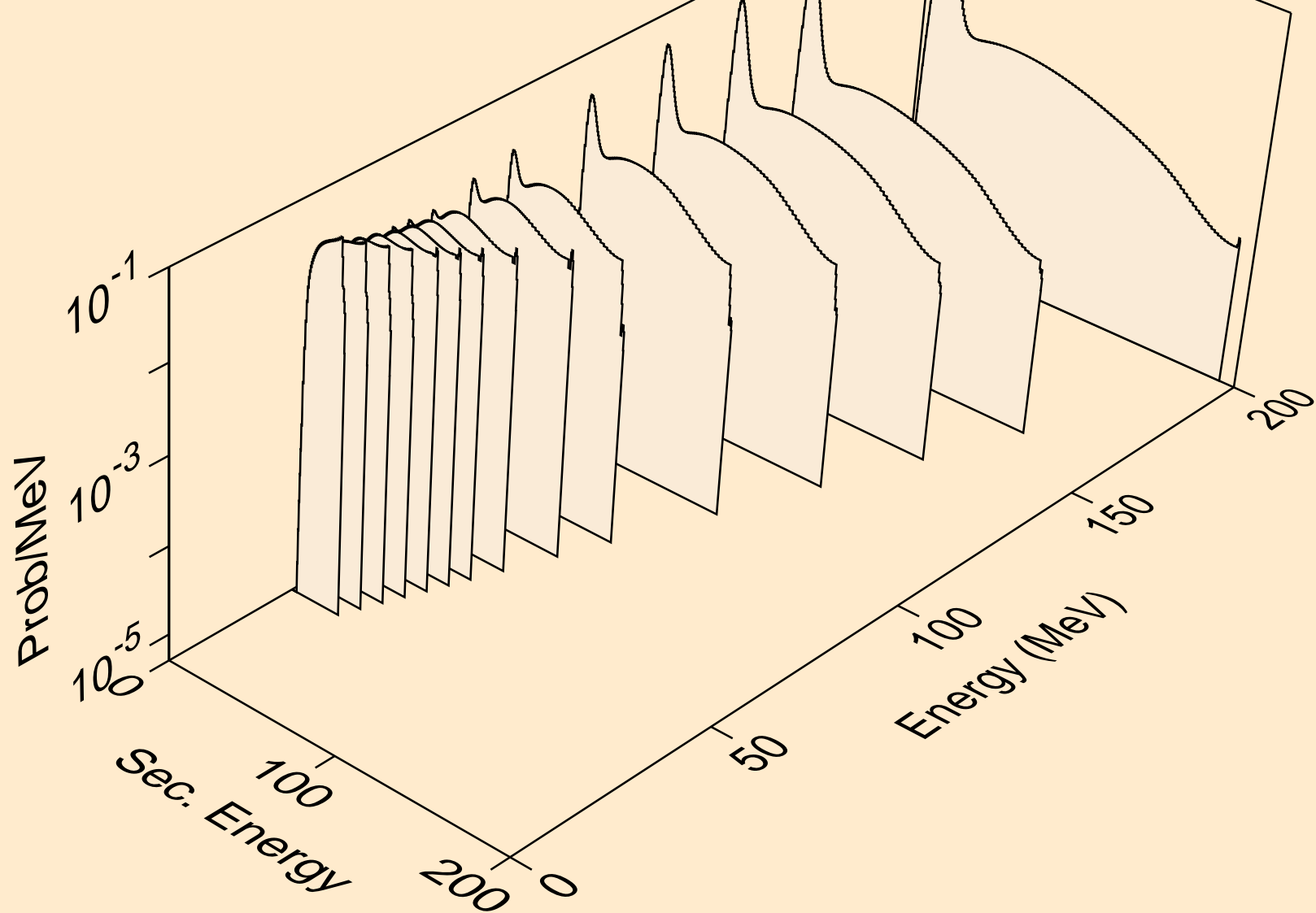
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



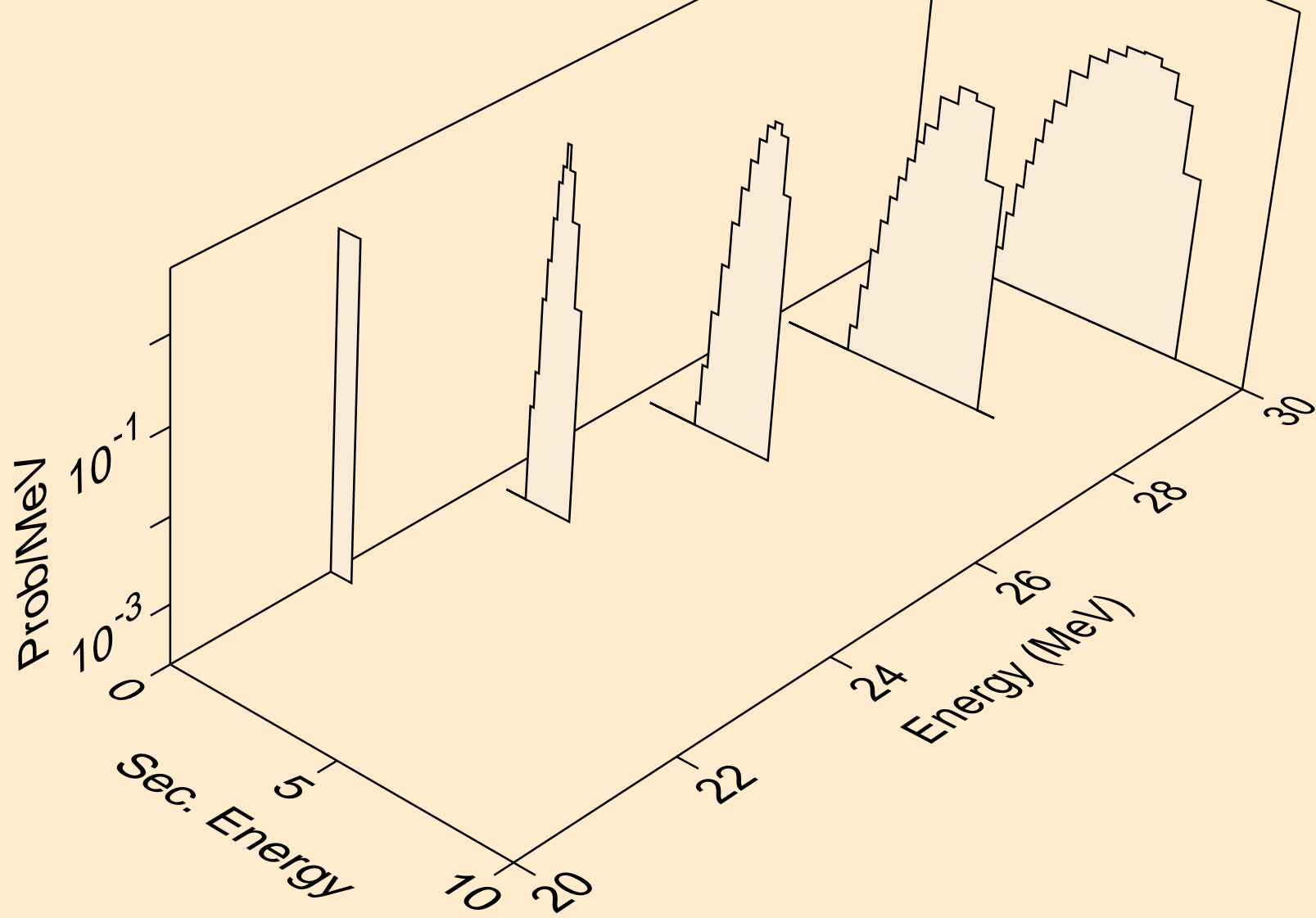
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

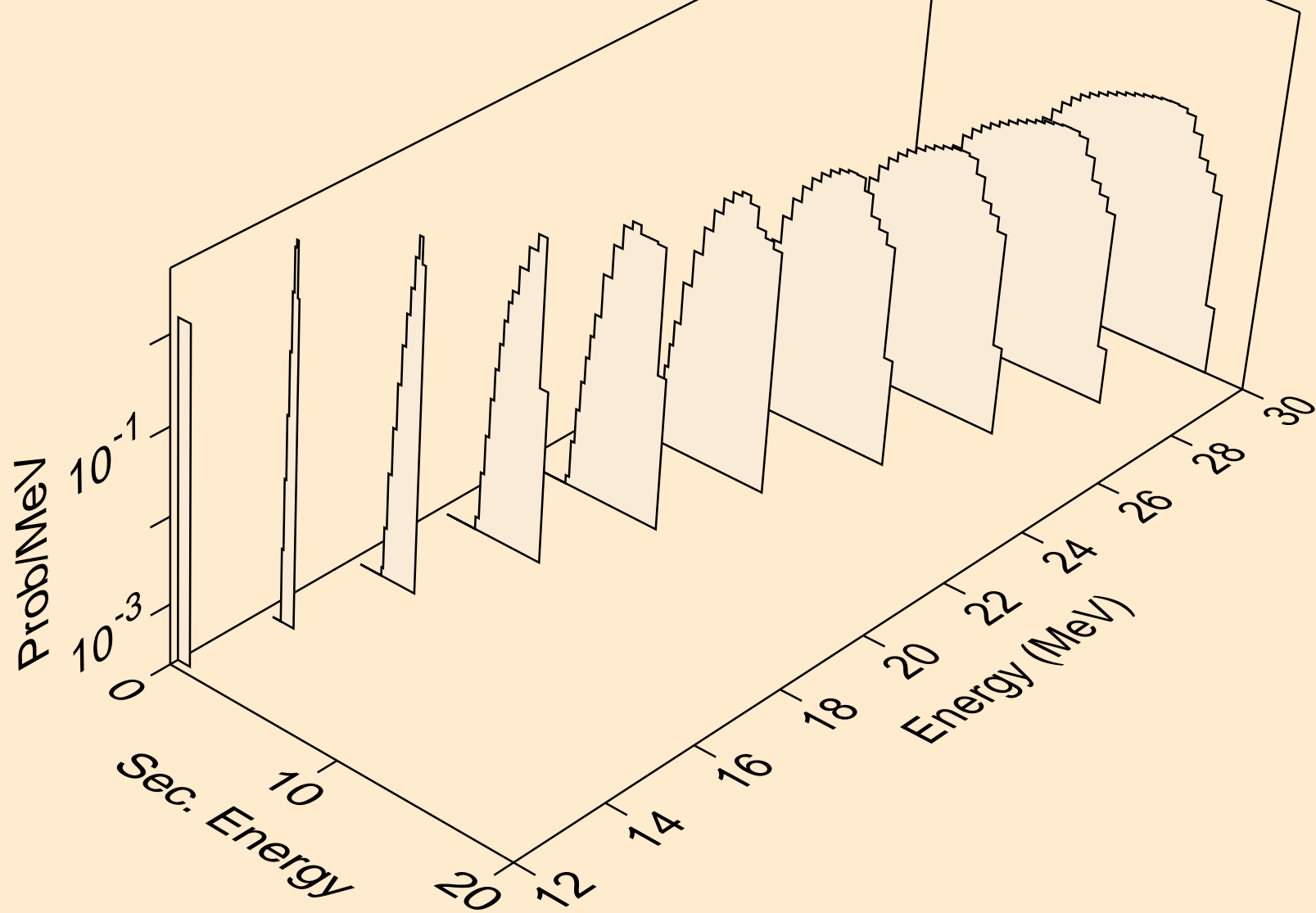


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

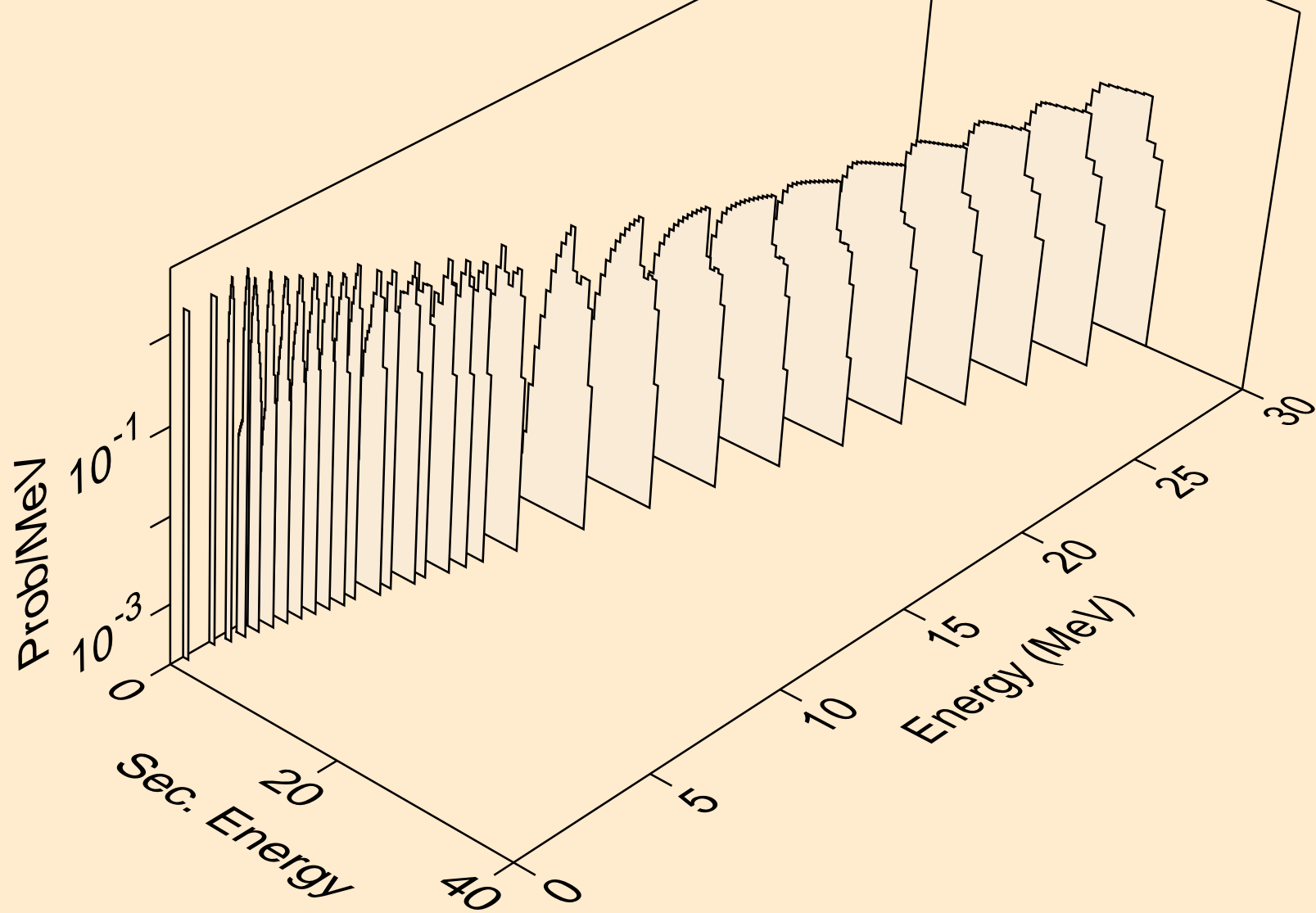




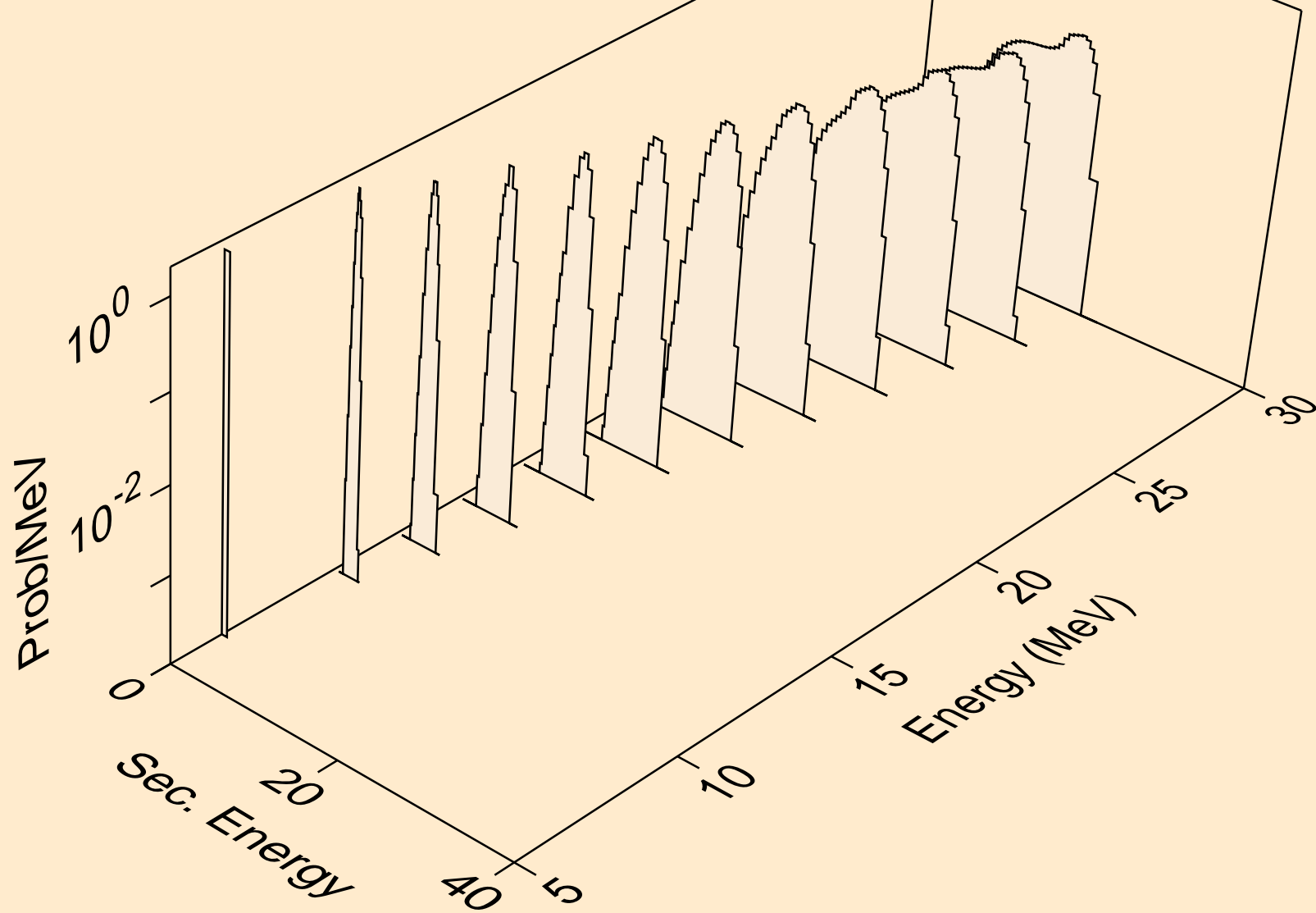
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



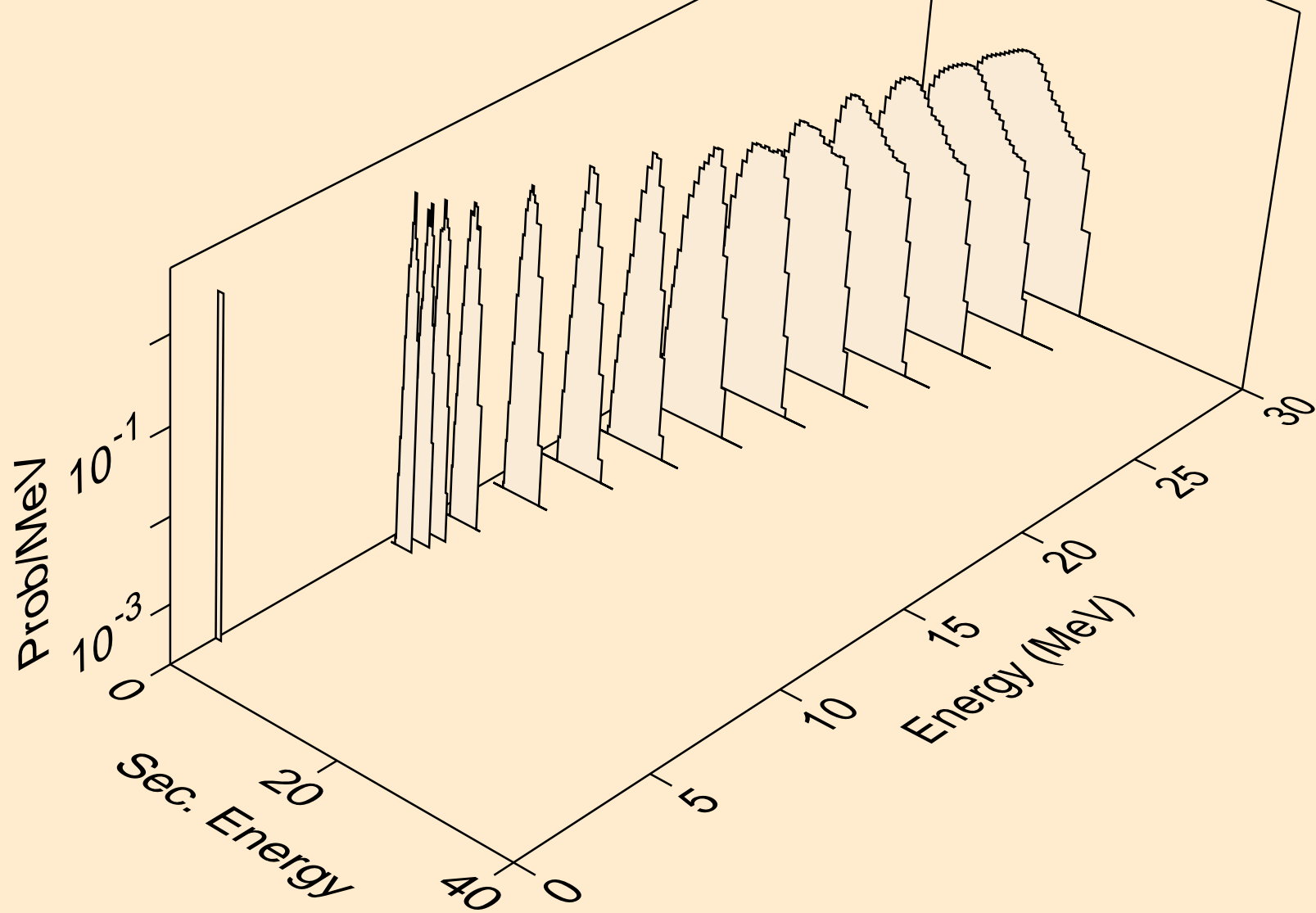
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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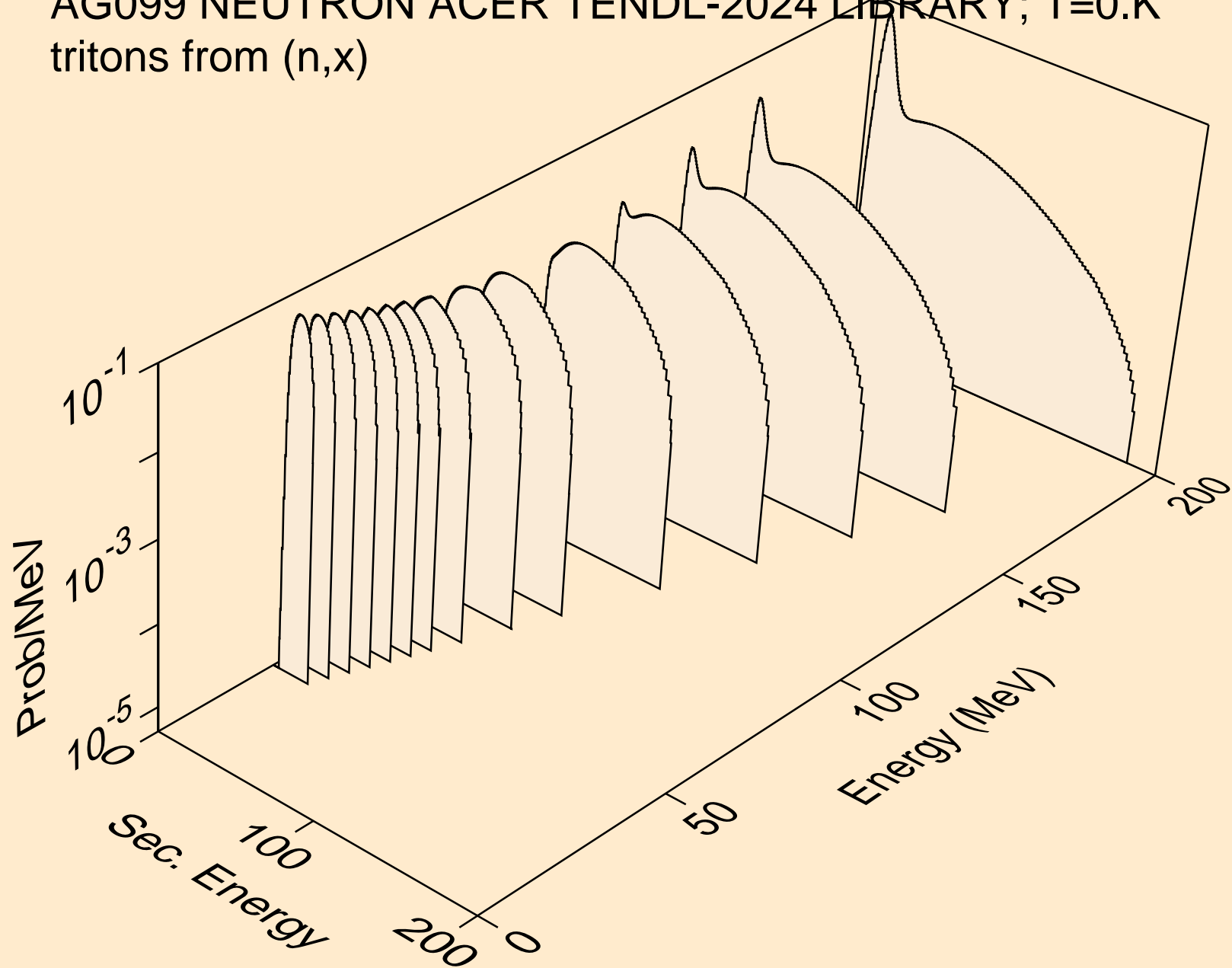
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



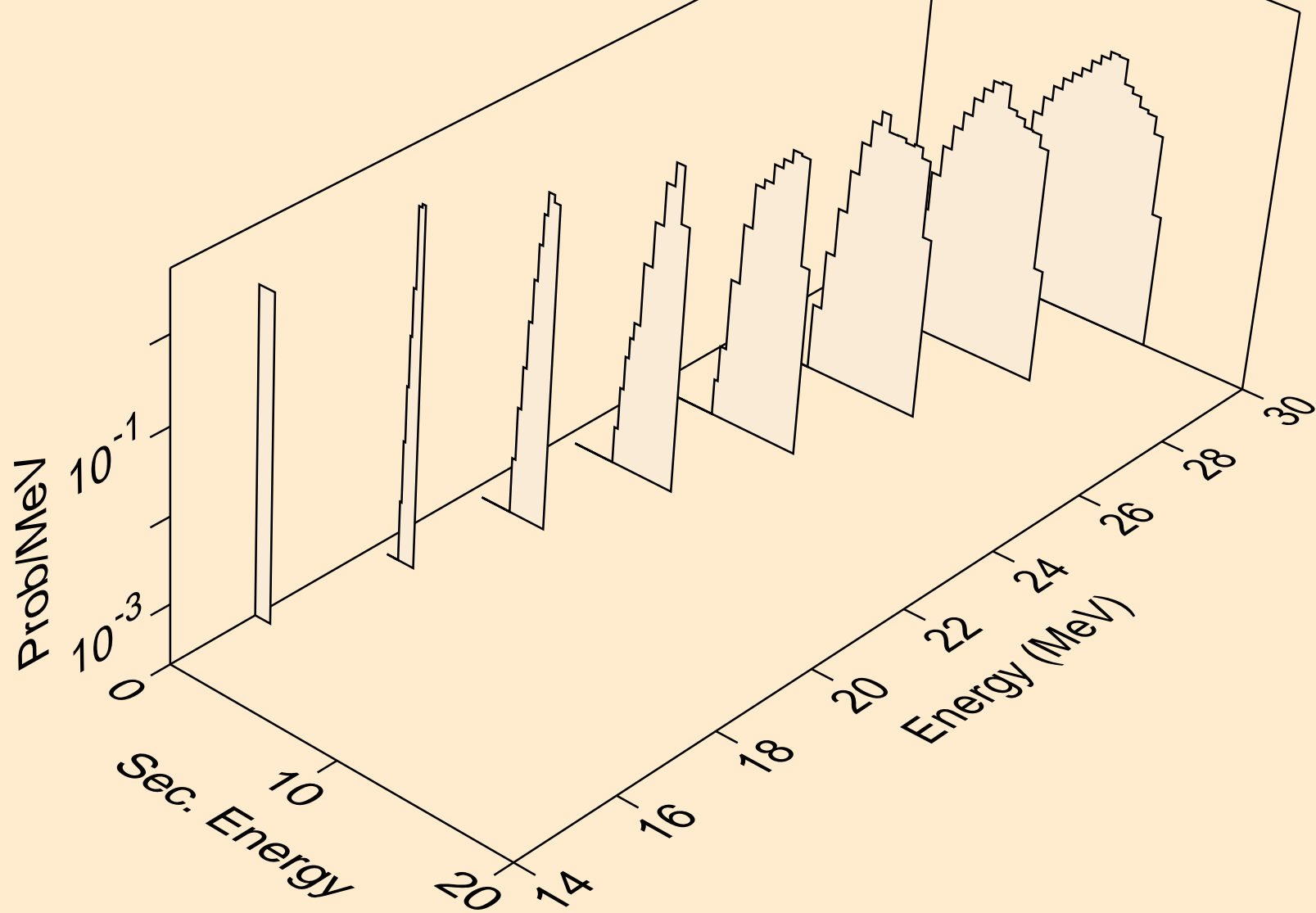
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deuterons from (n,da)



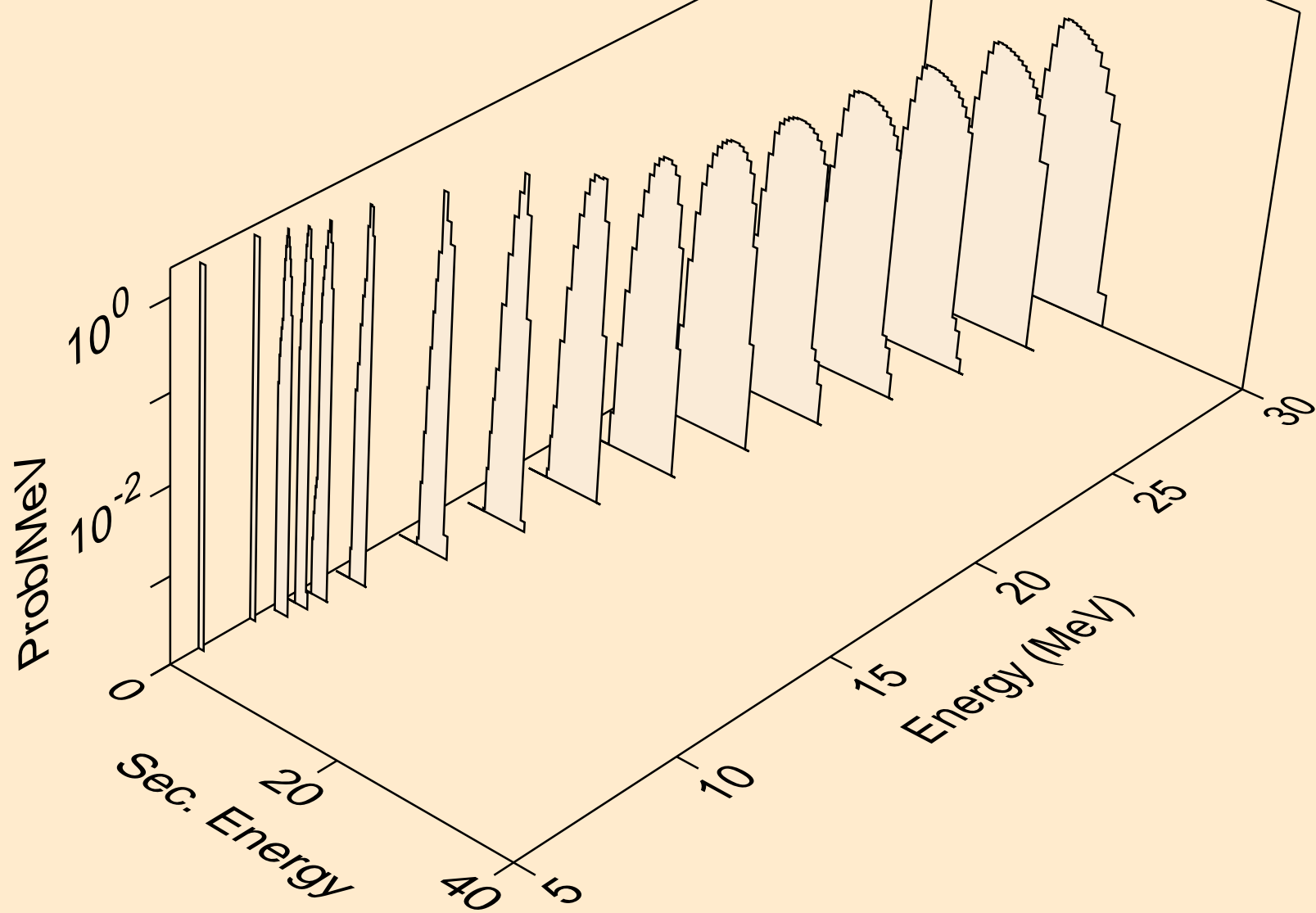
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



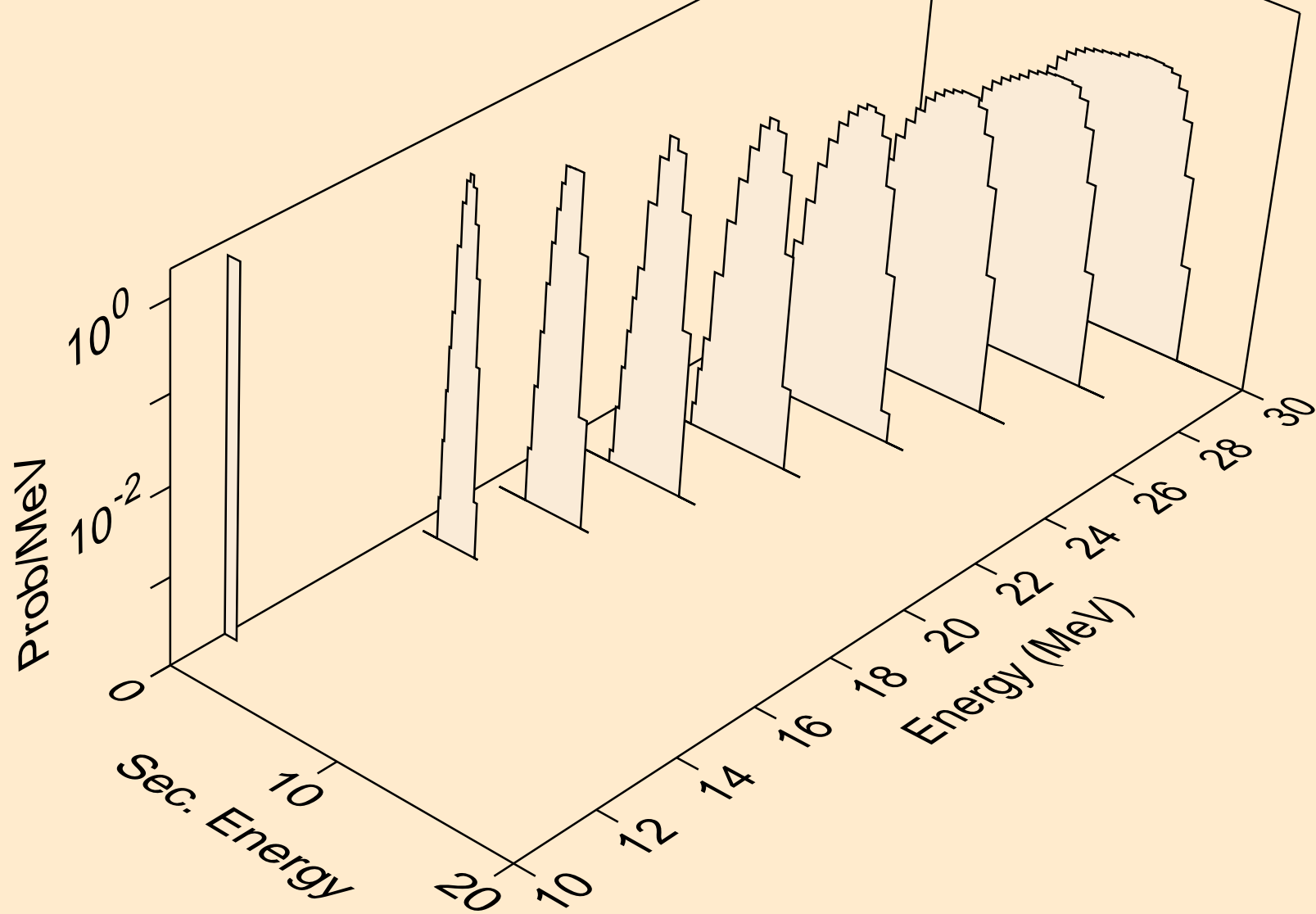
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

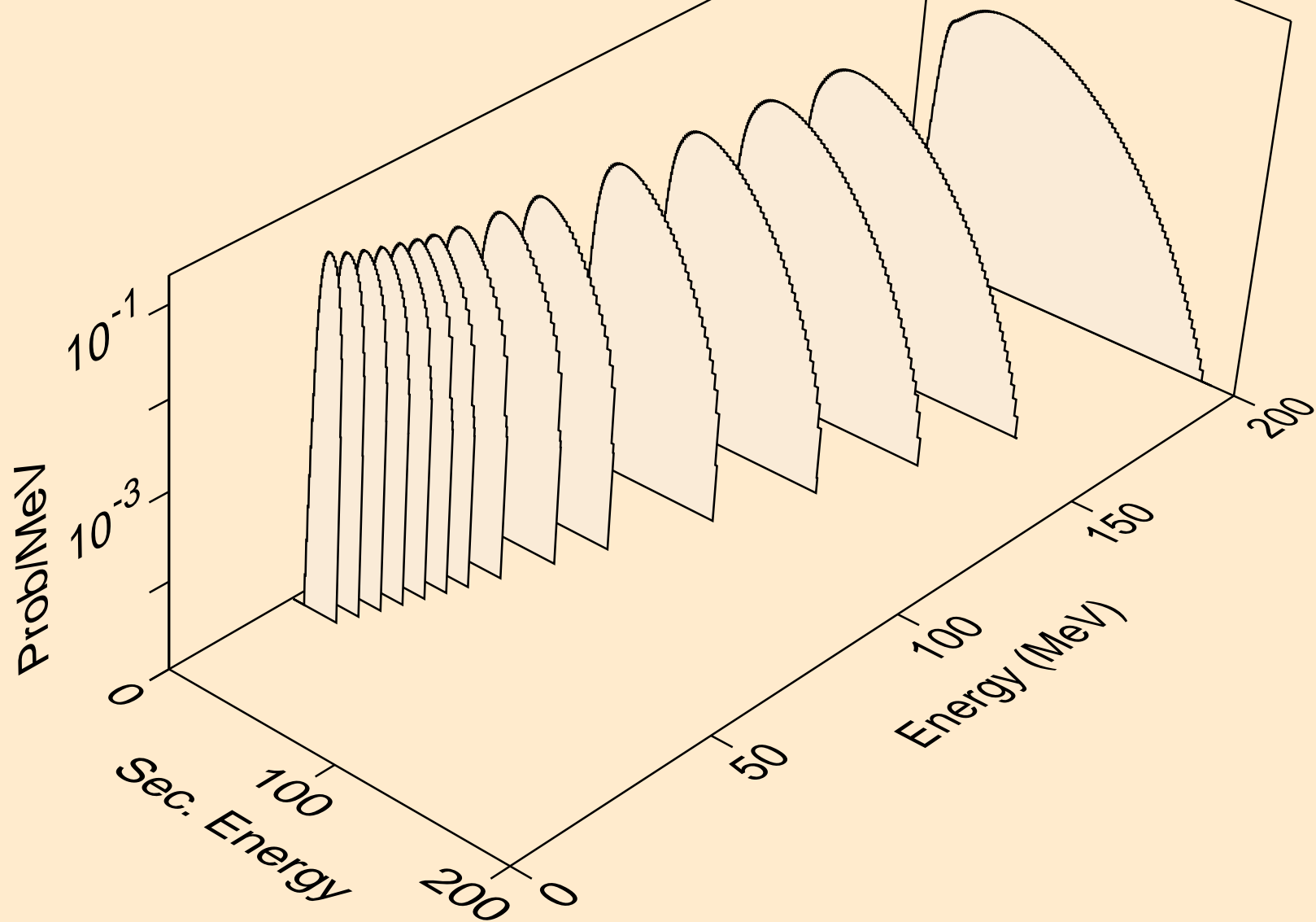


AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

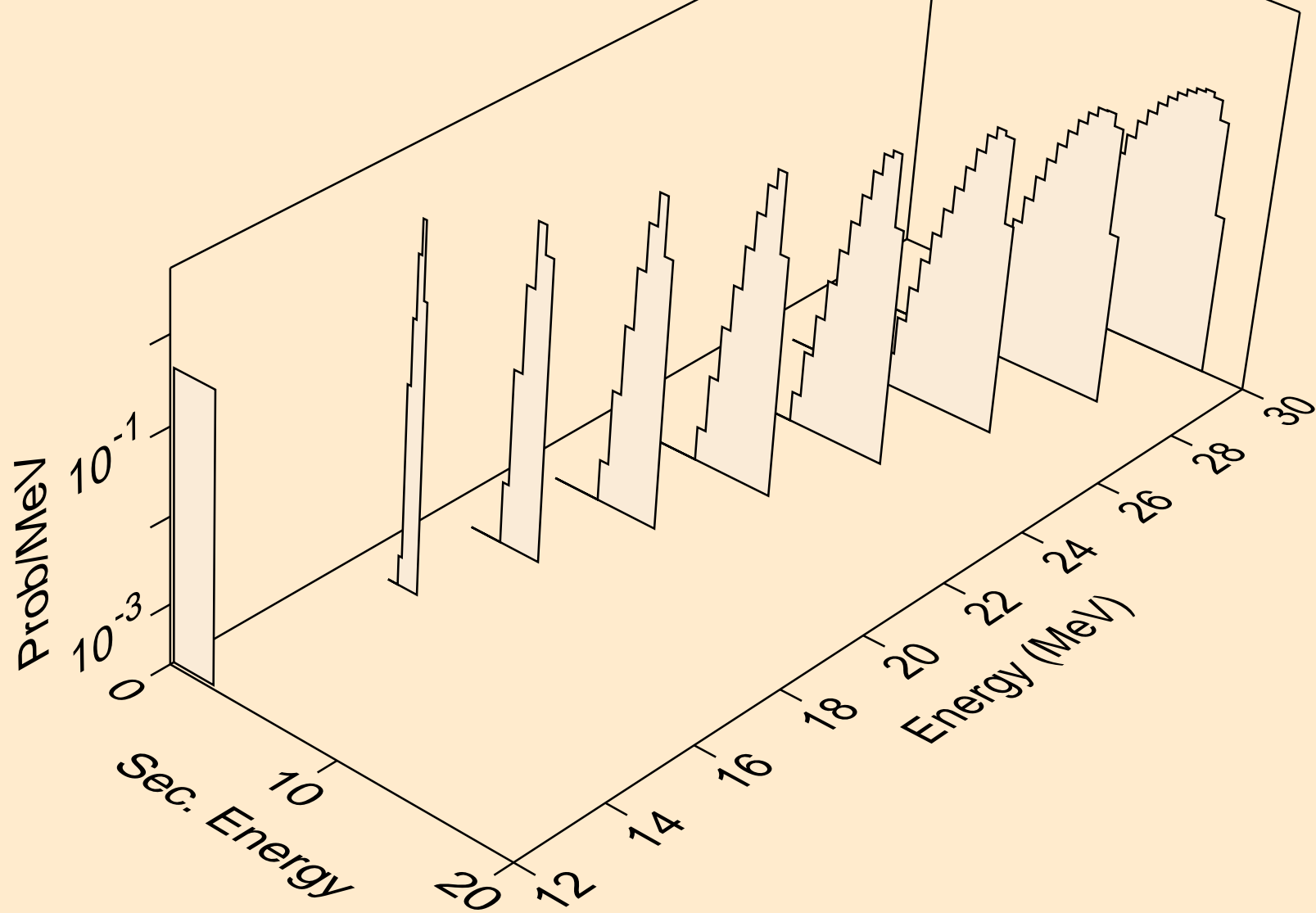




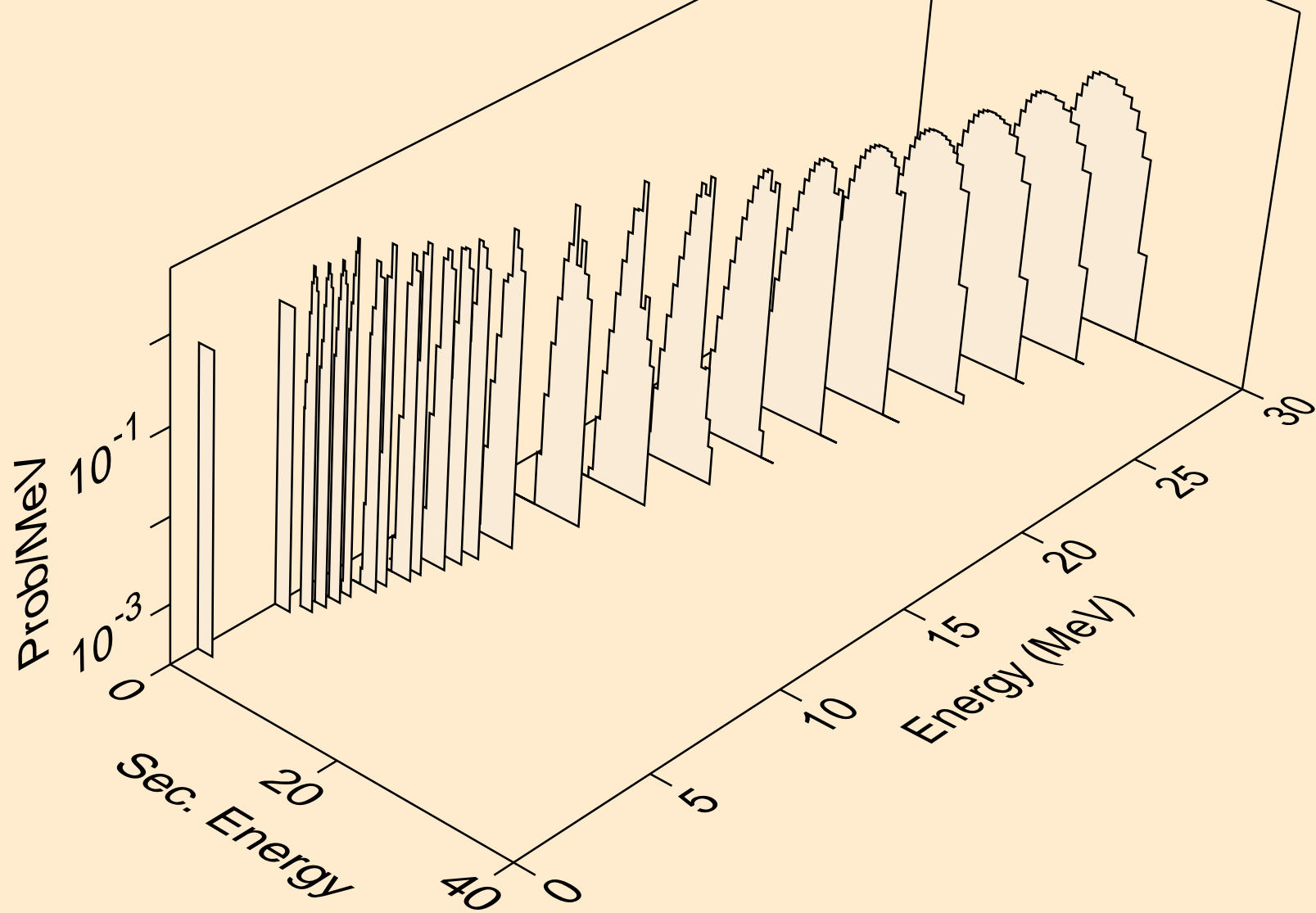
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



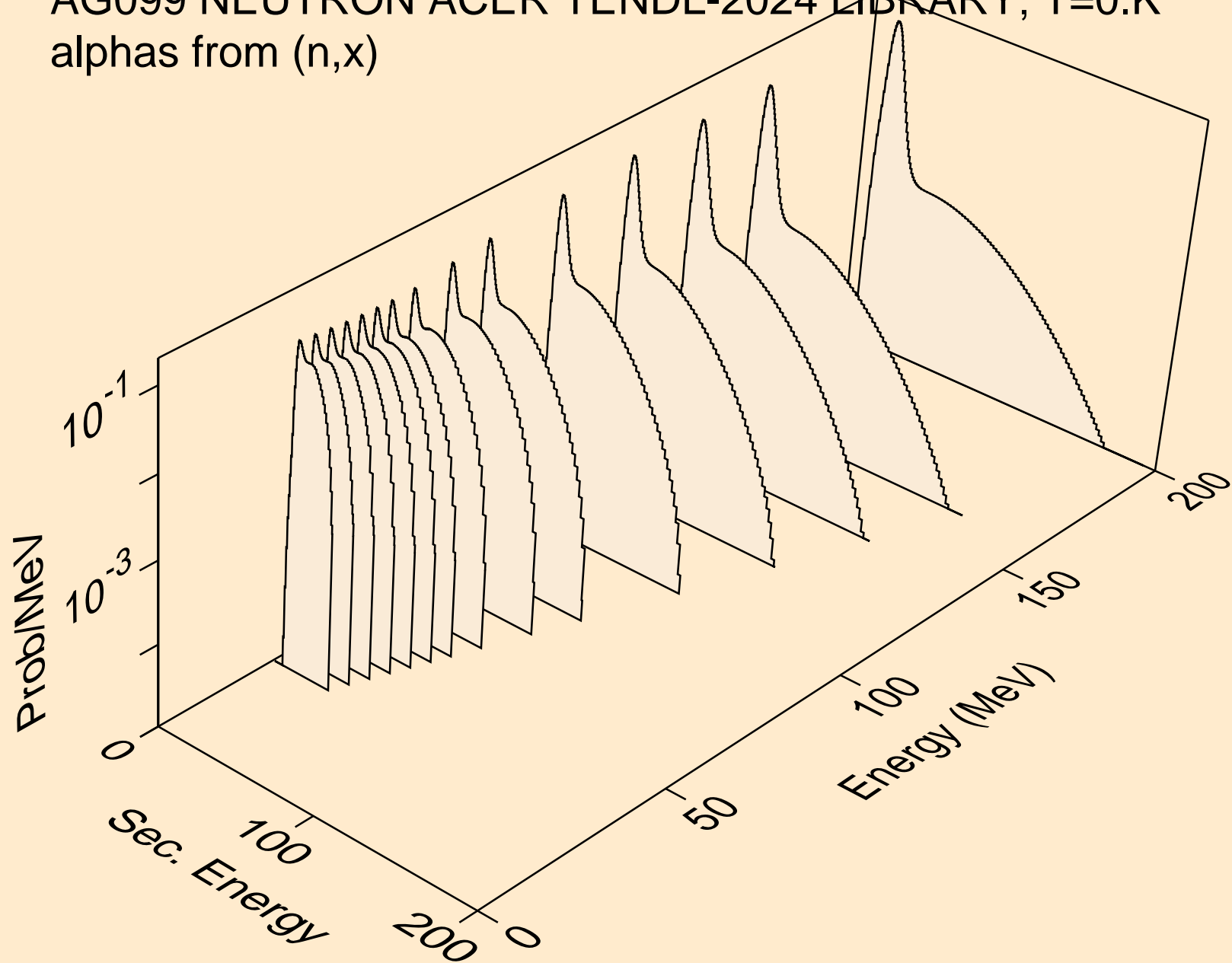
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



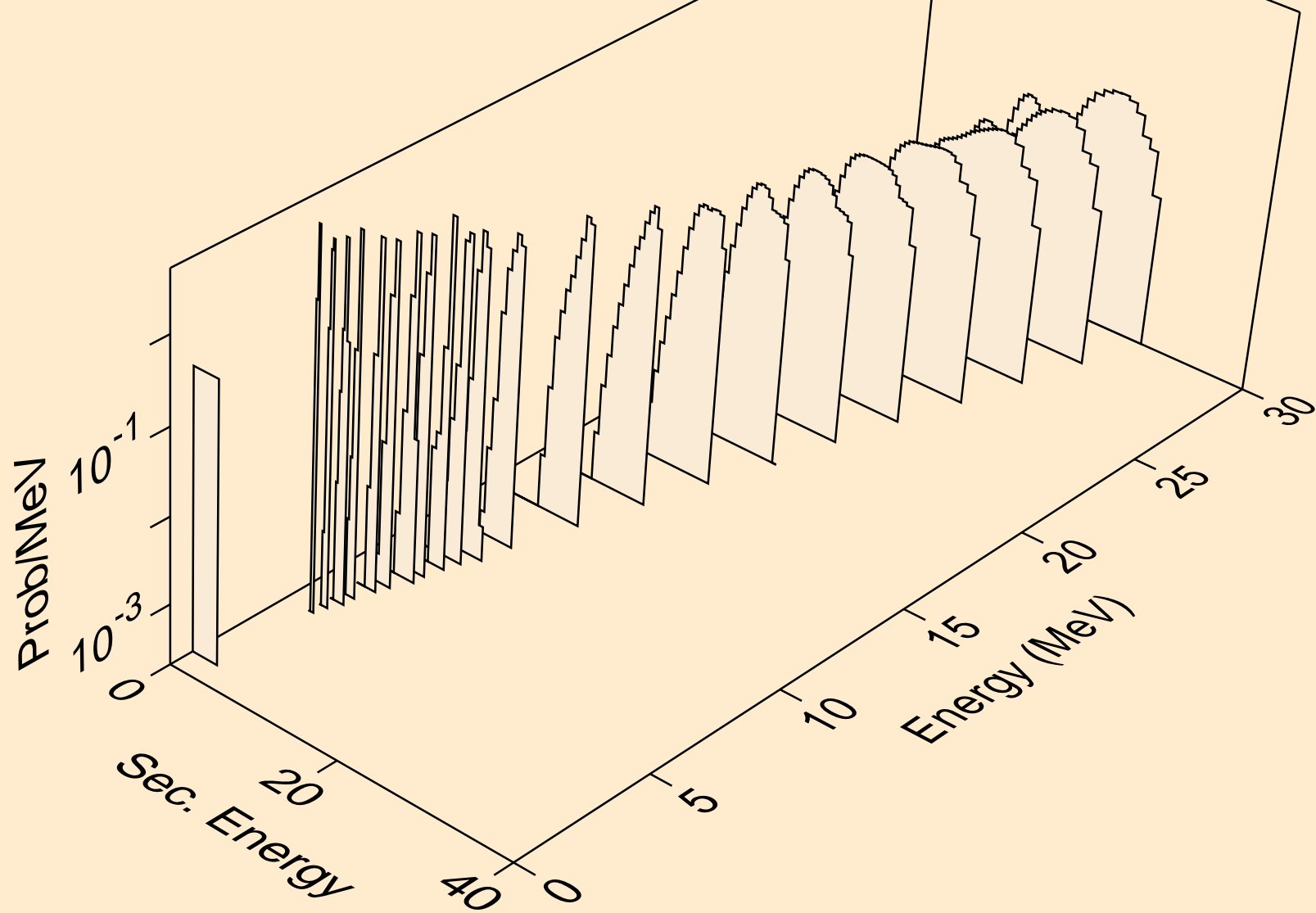
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



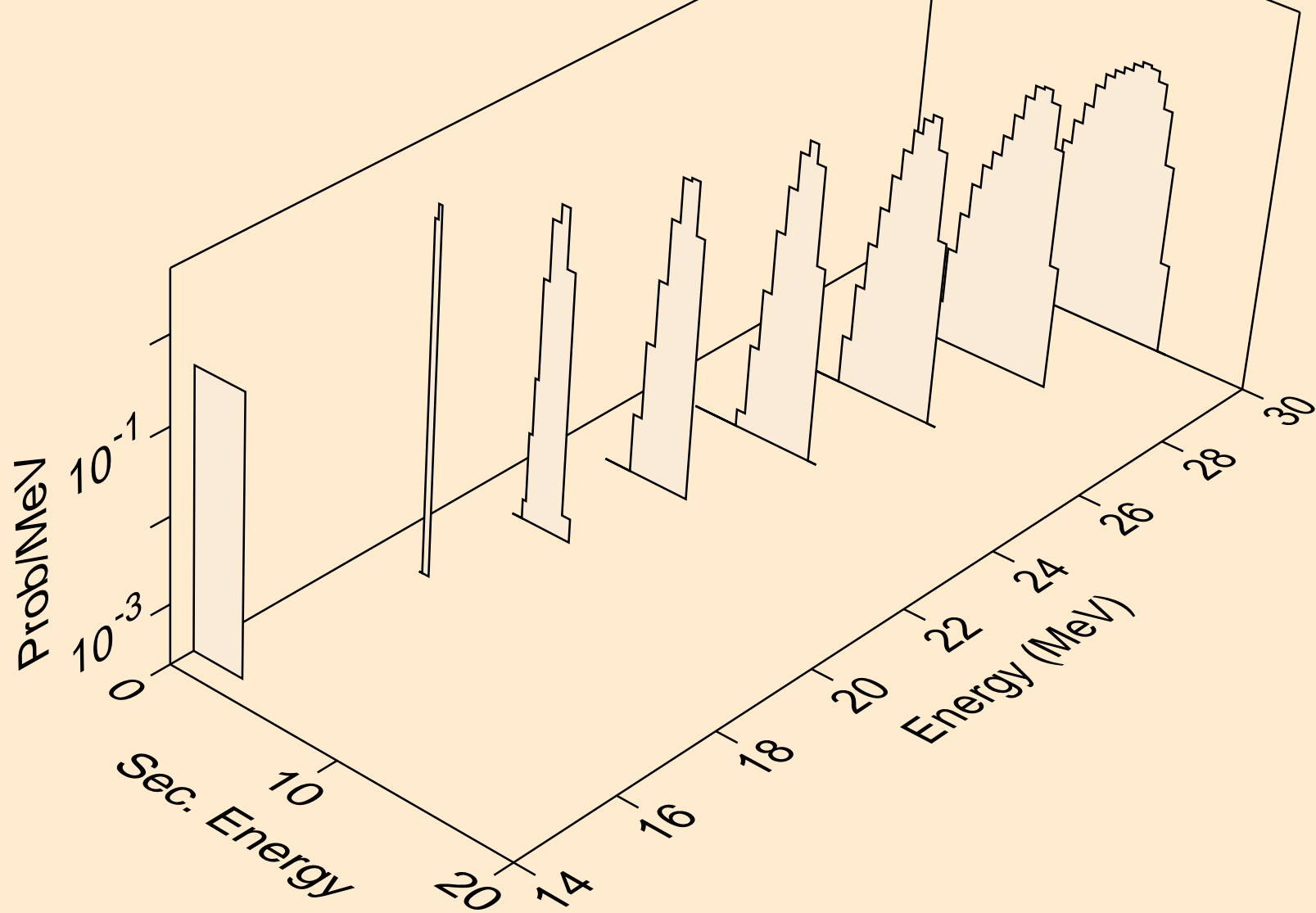
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



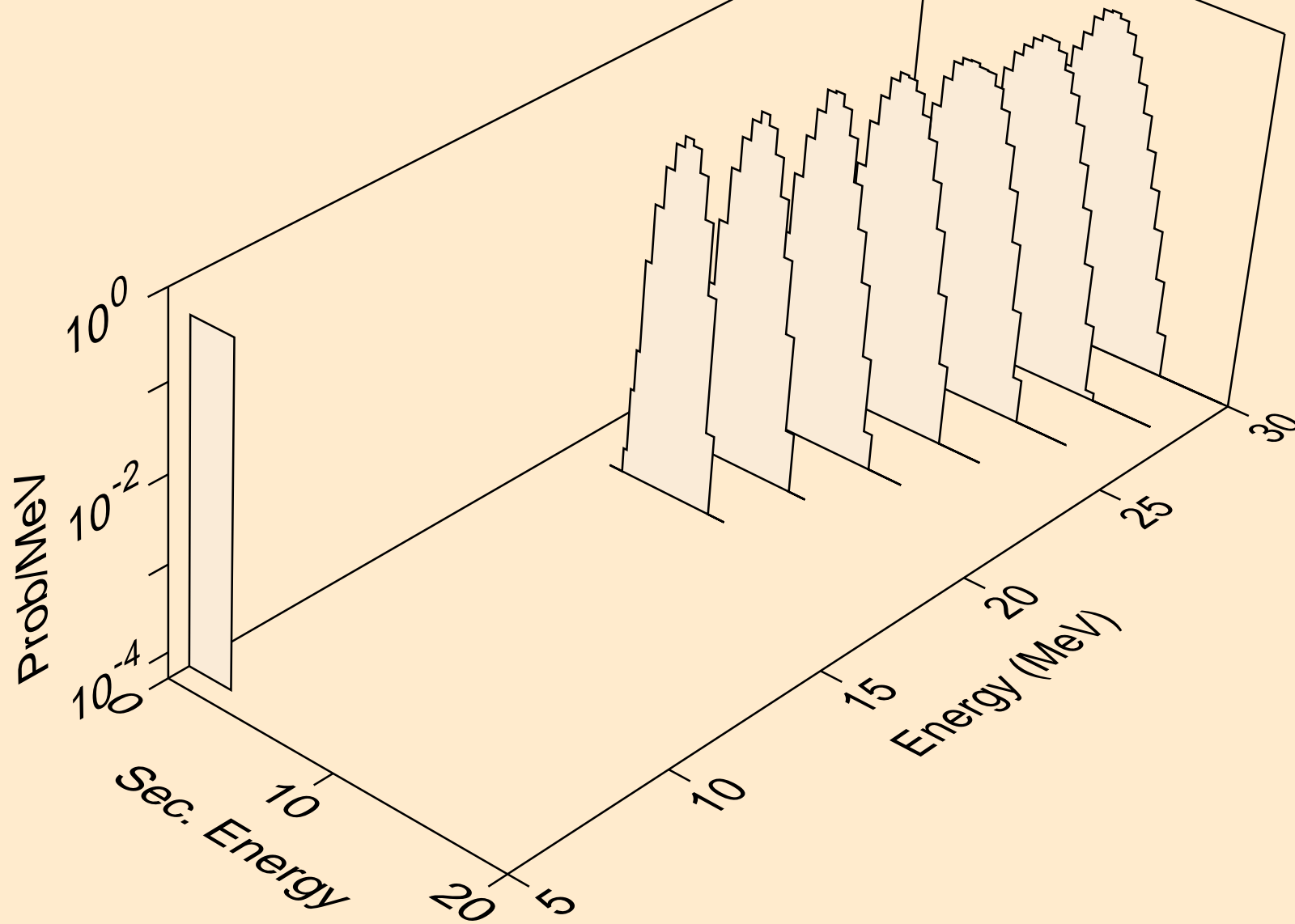
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



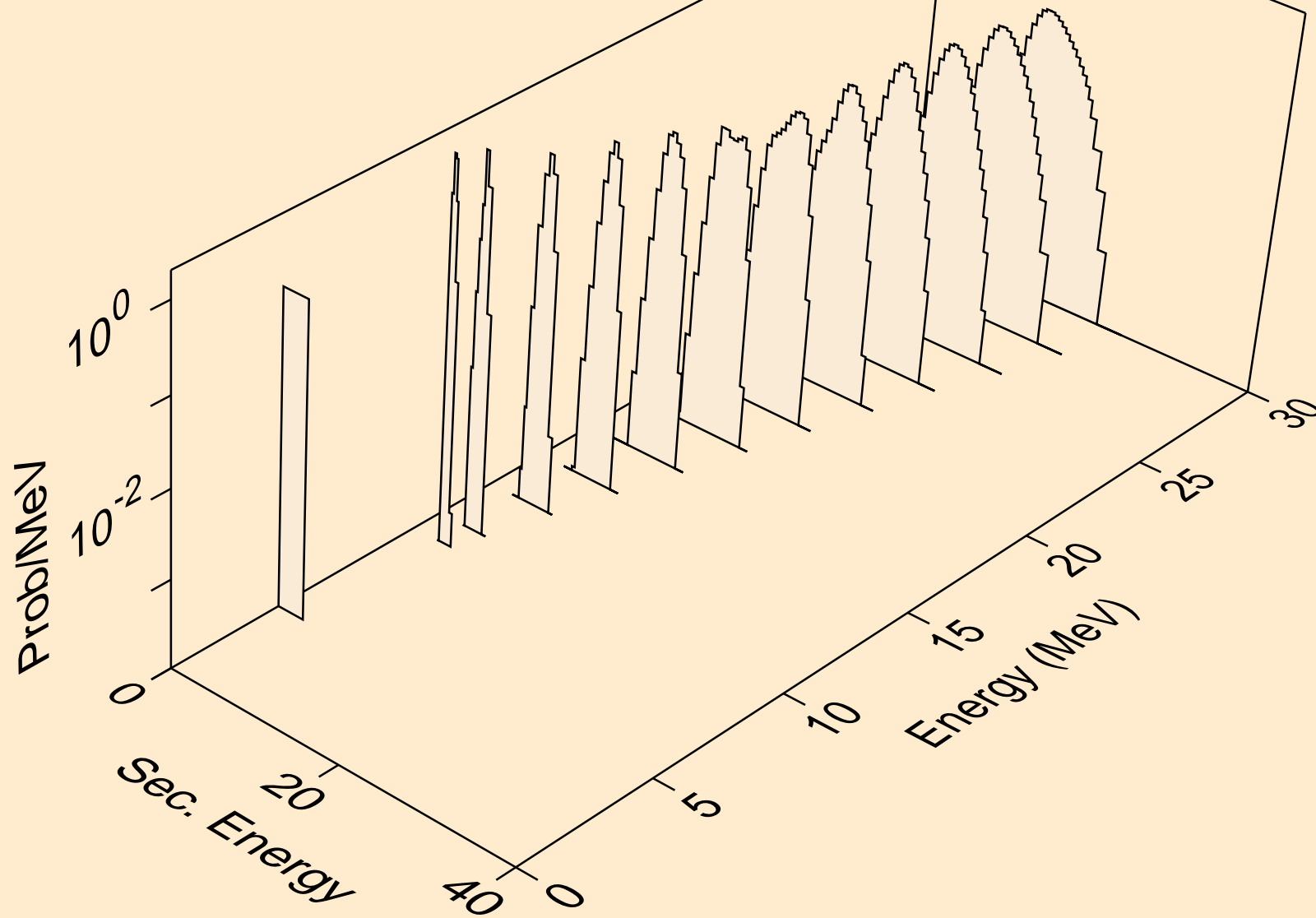
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

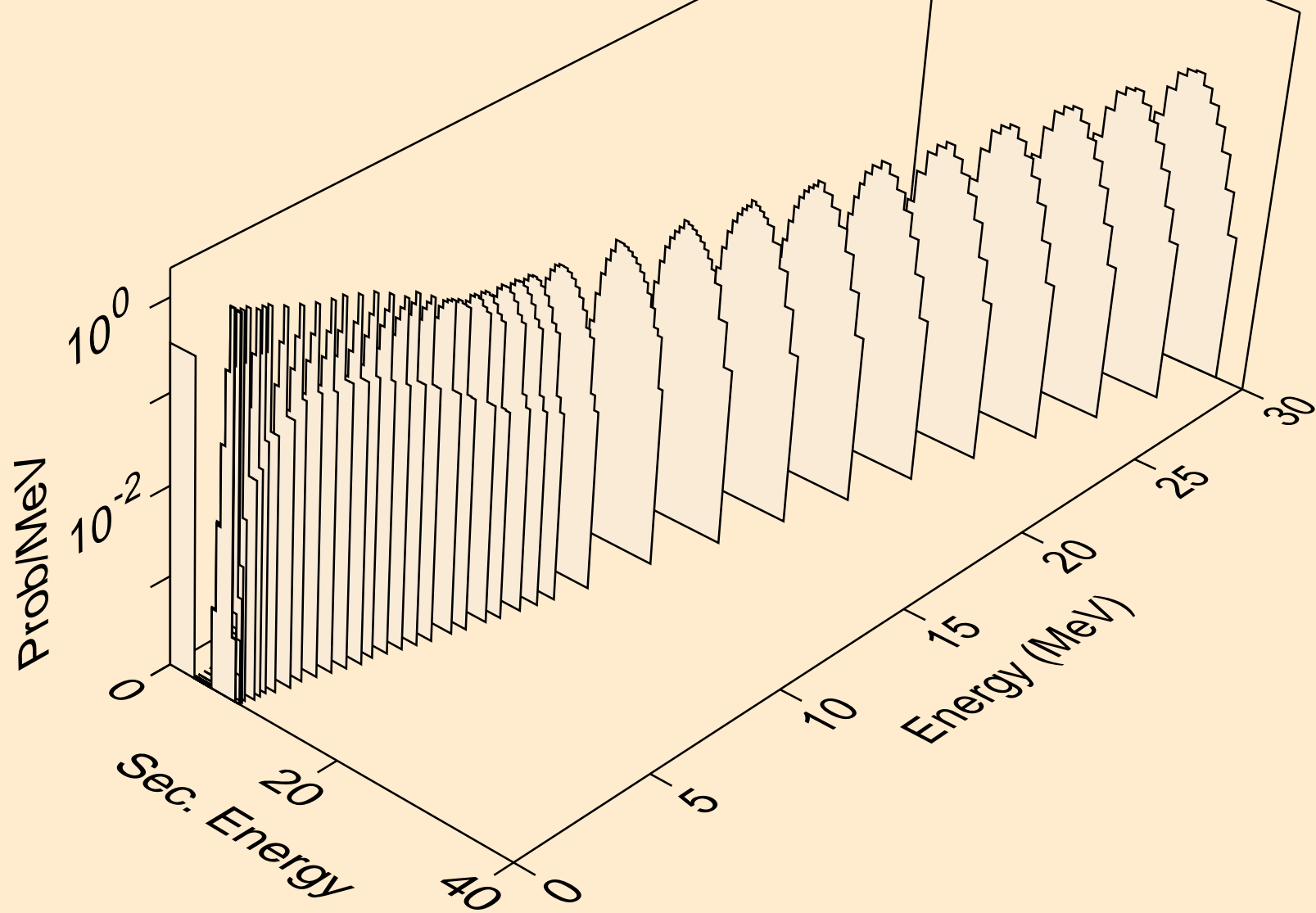


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alphas from (n,npa)

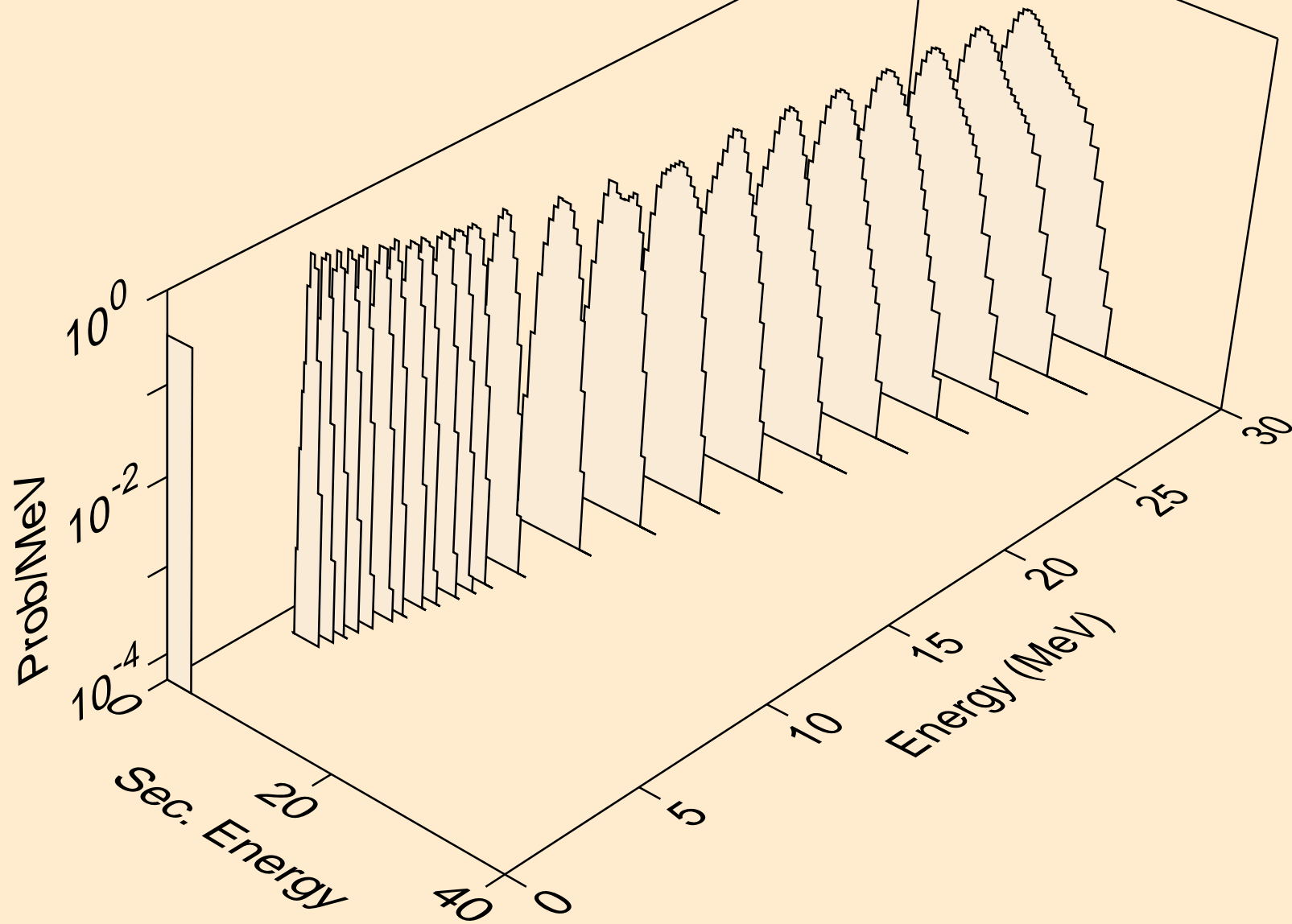




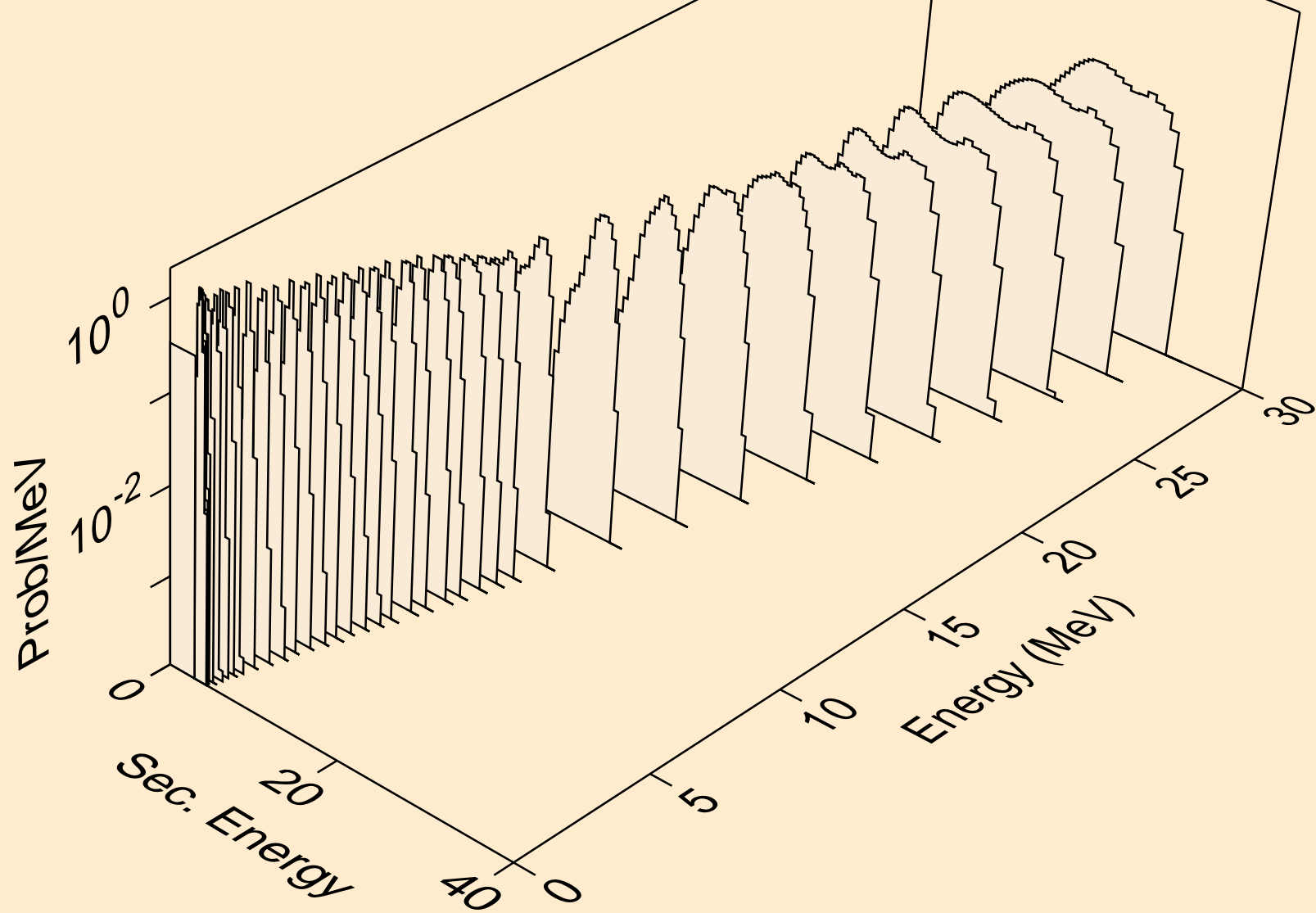
AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



AG099 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

