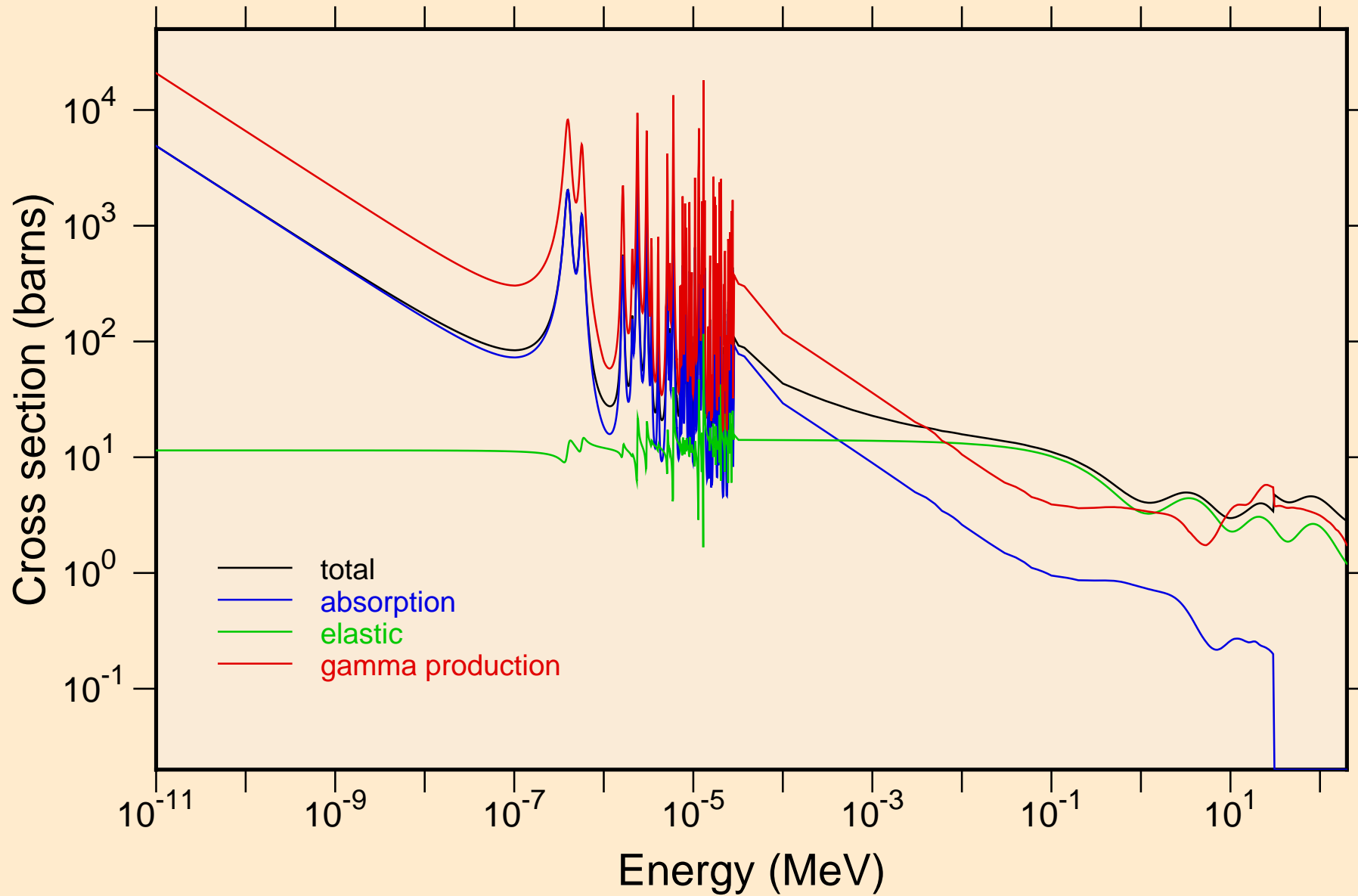
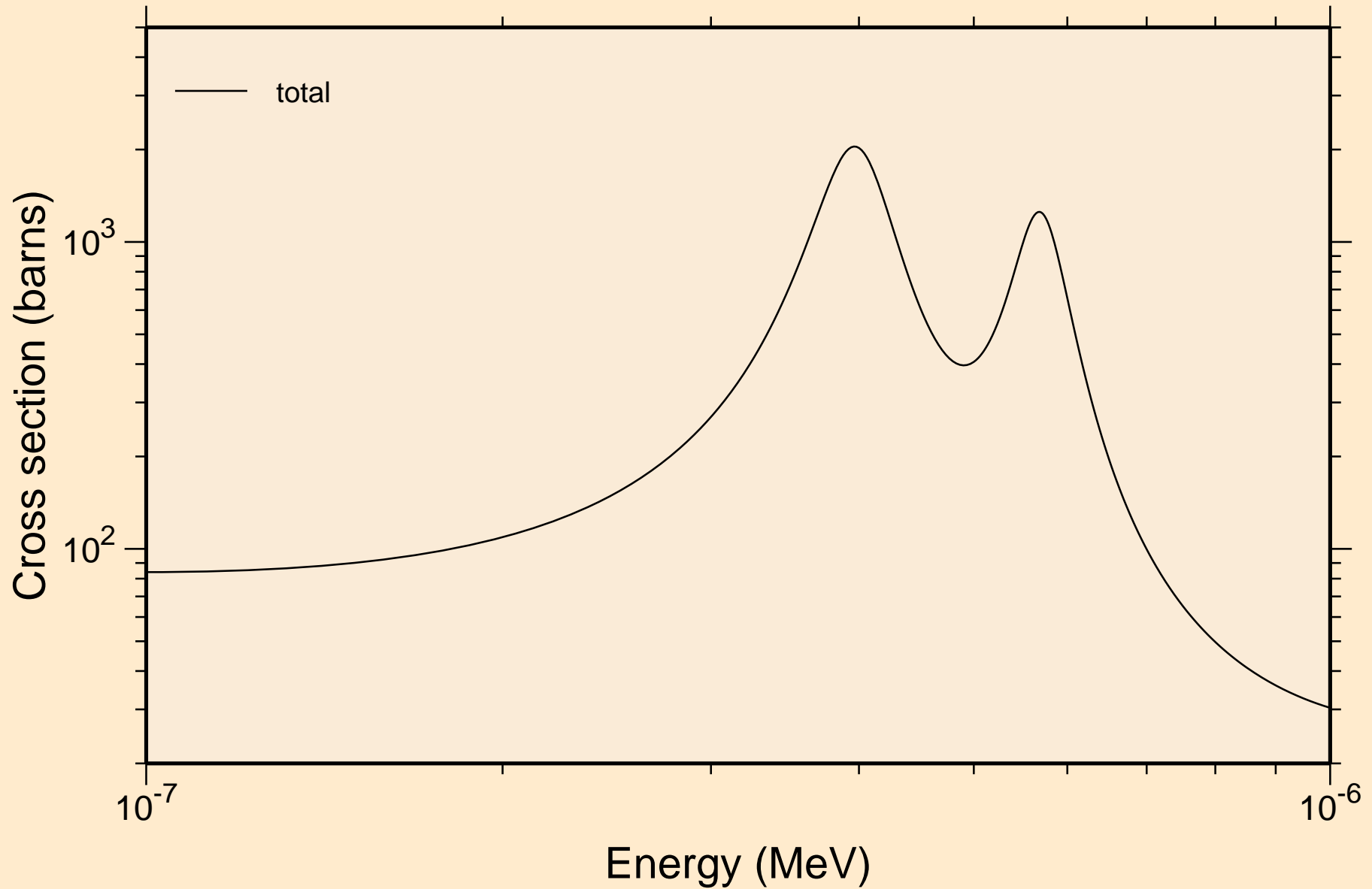


# PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

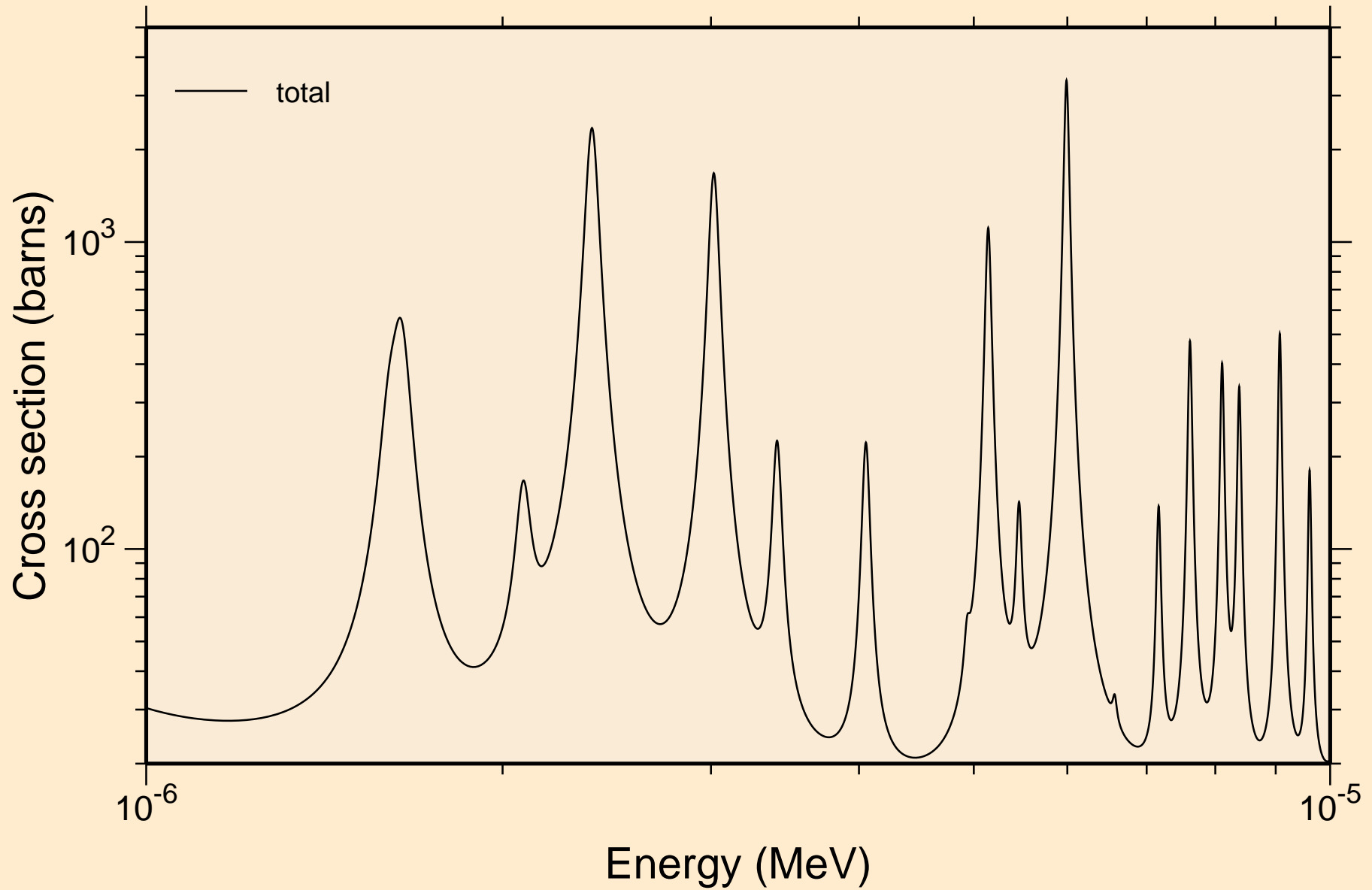
## Principal cross sections



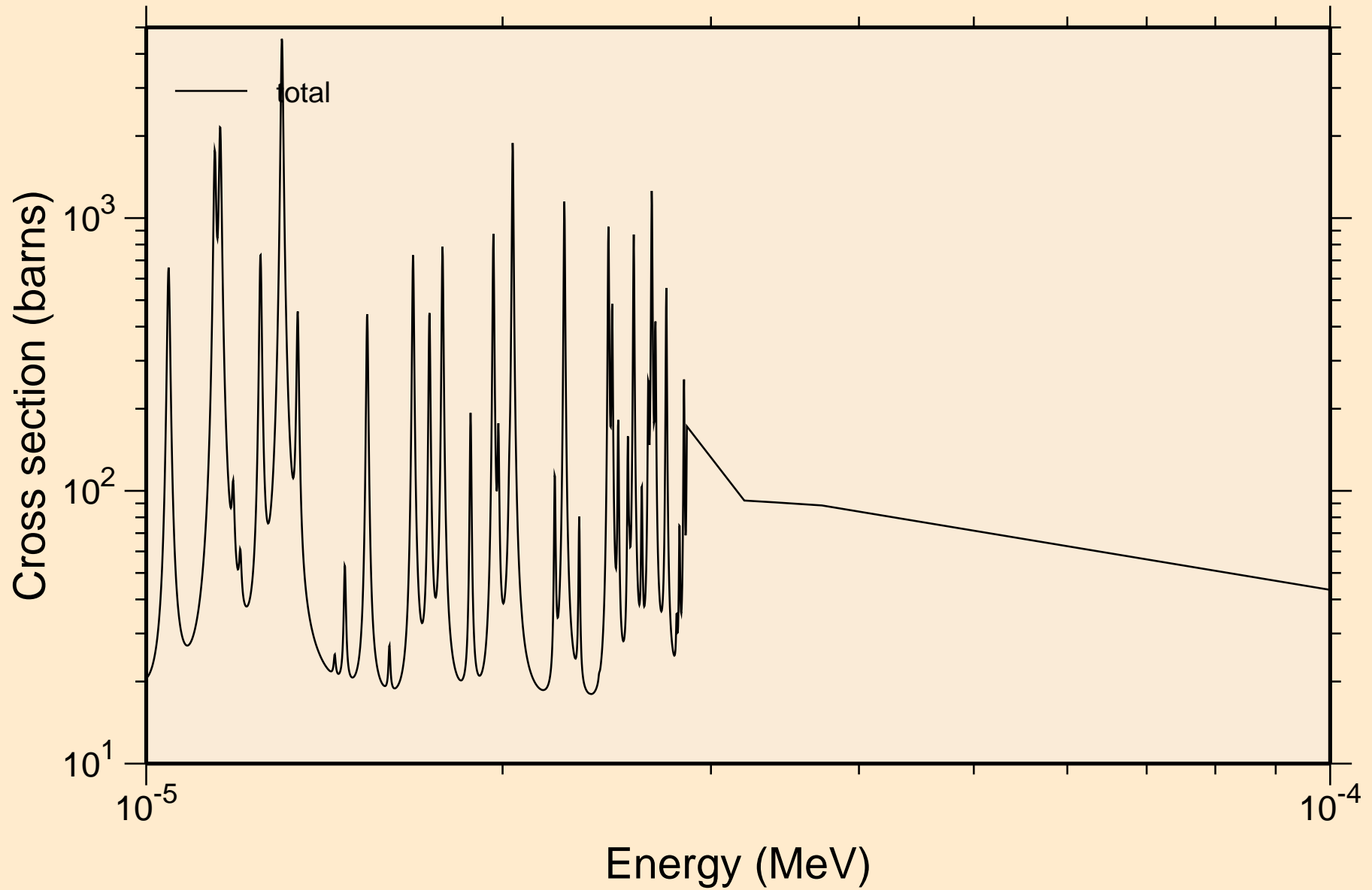
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



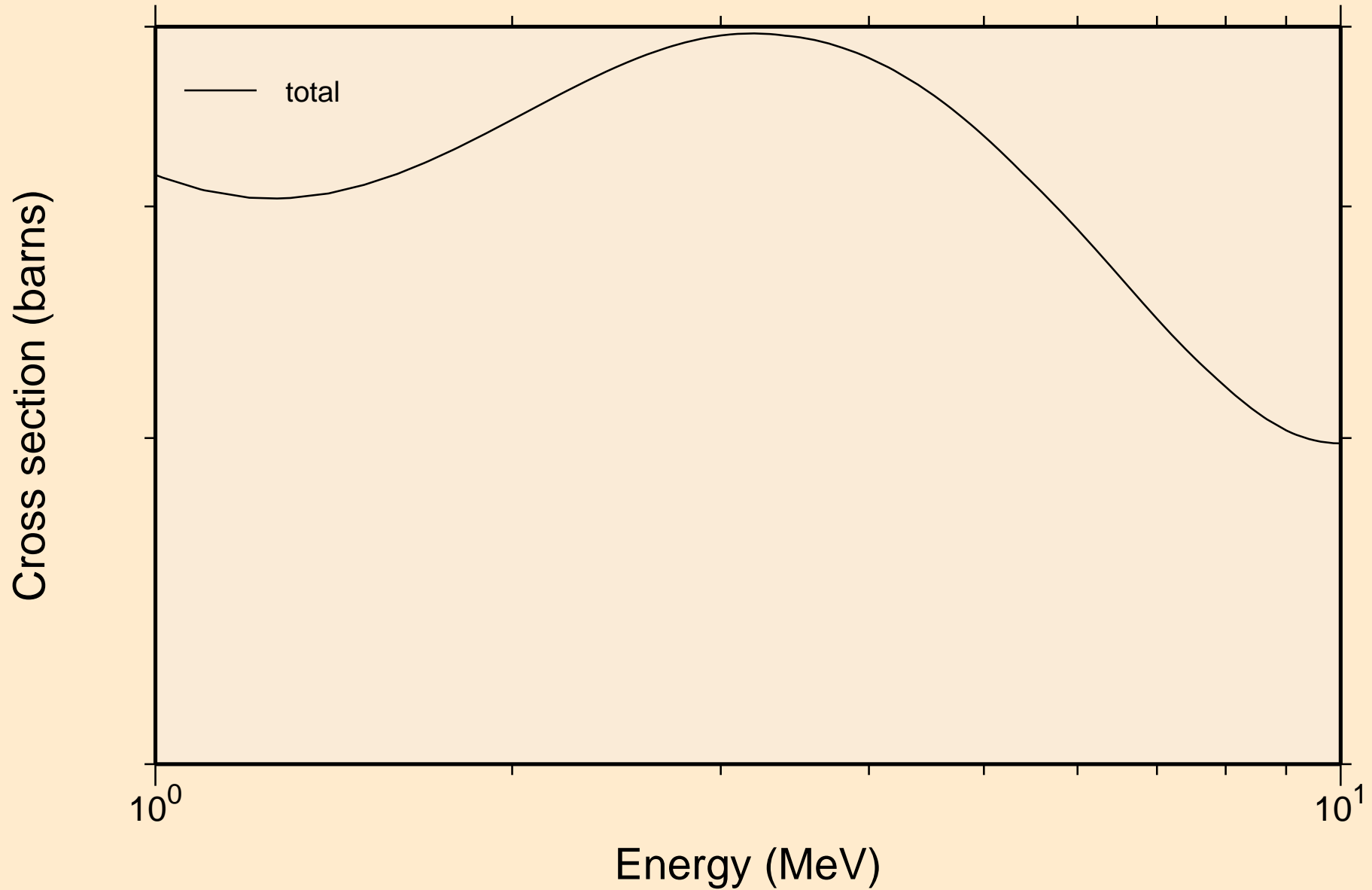
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resonance total cross section



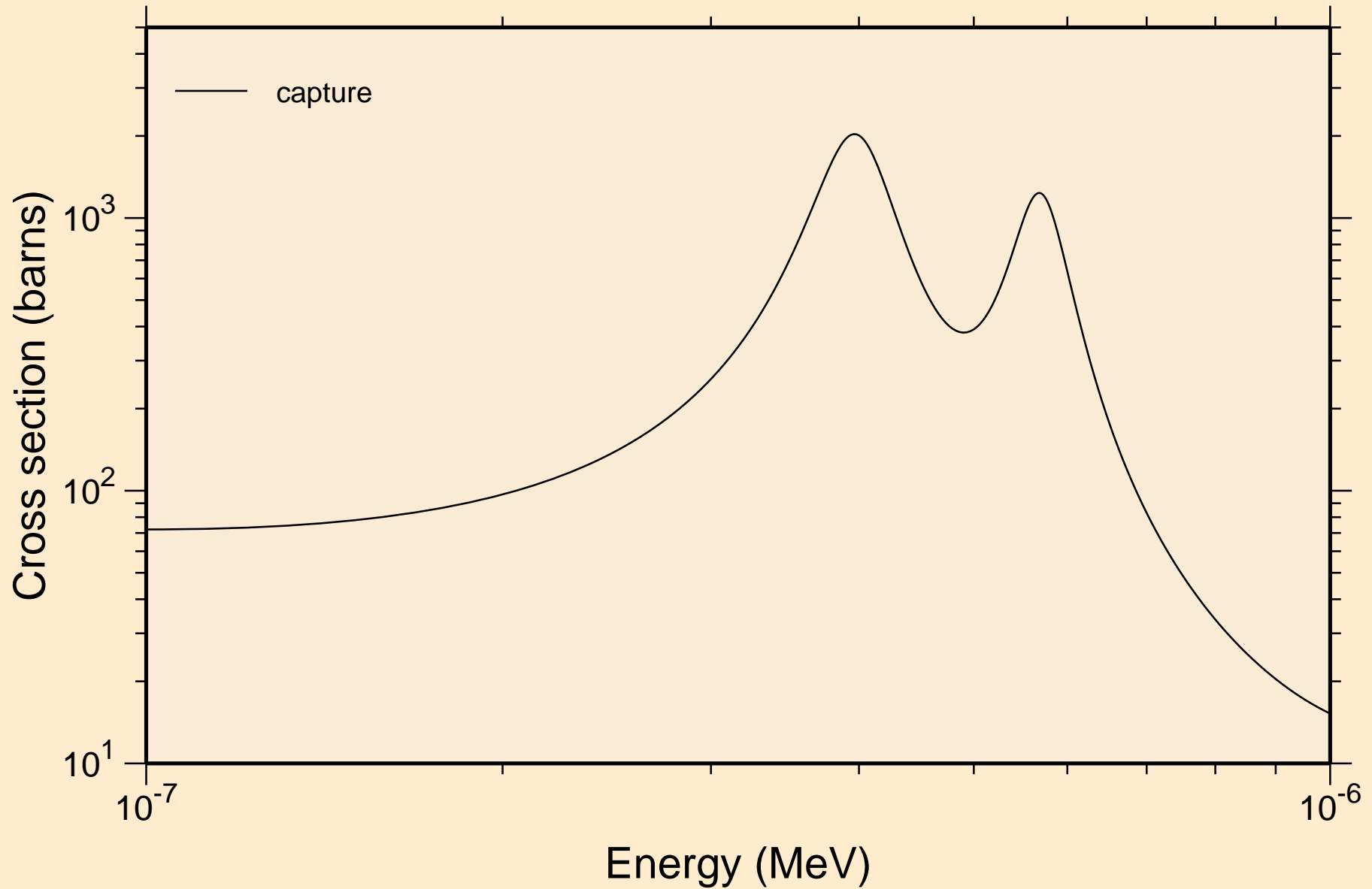
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



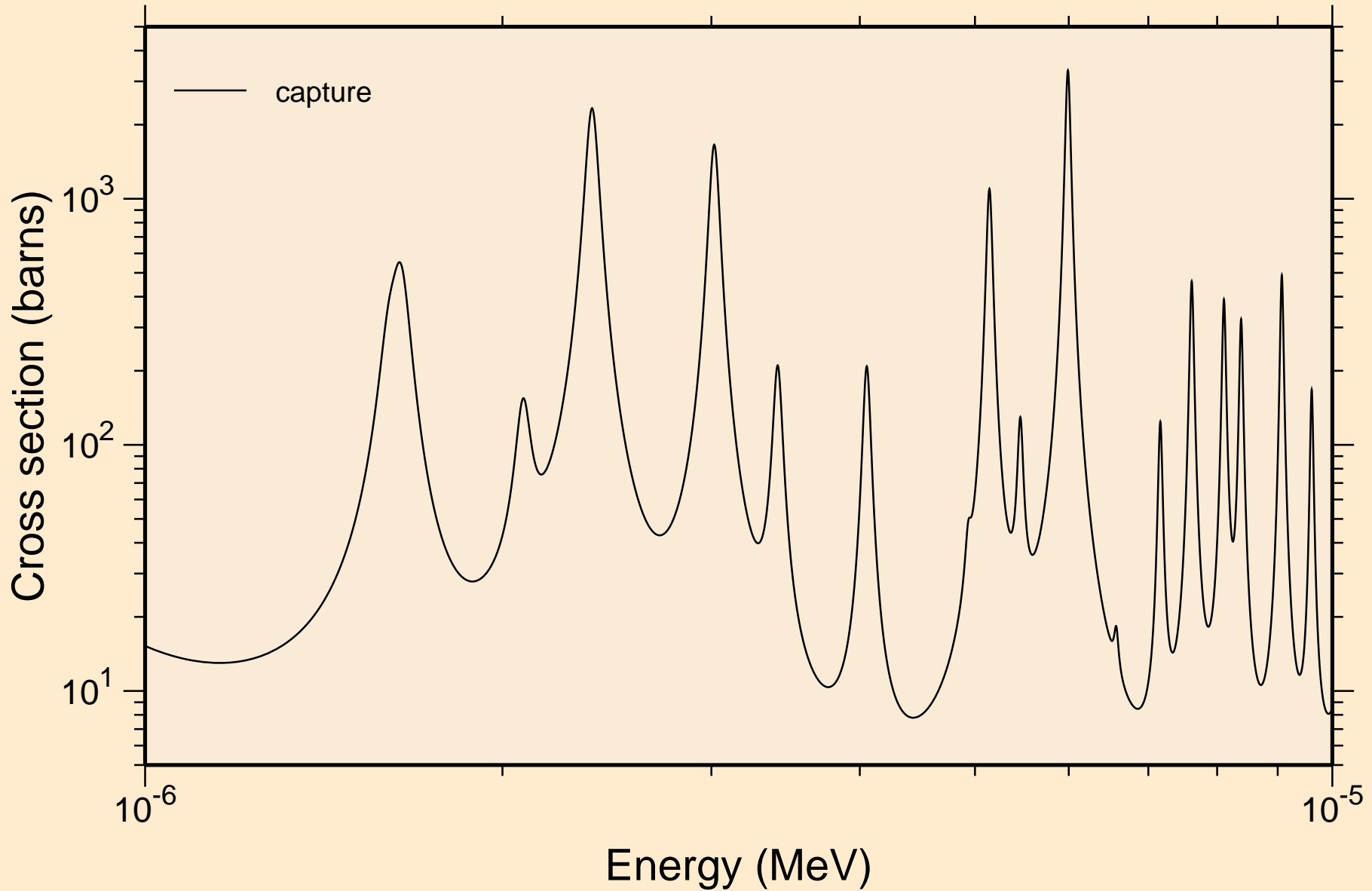
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



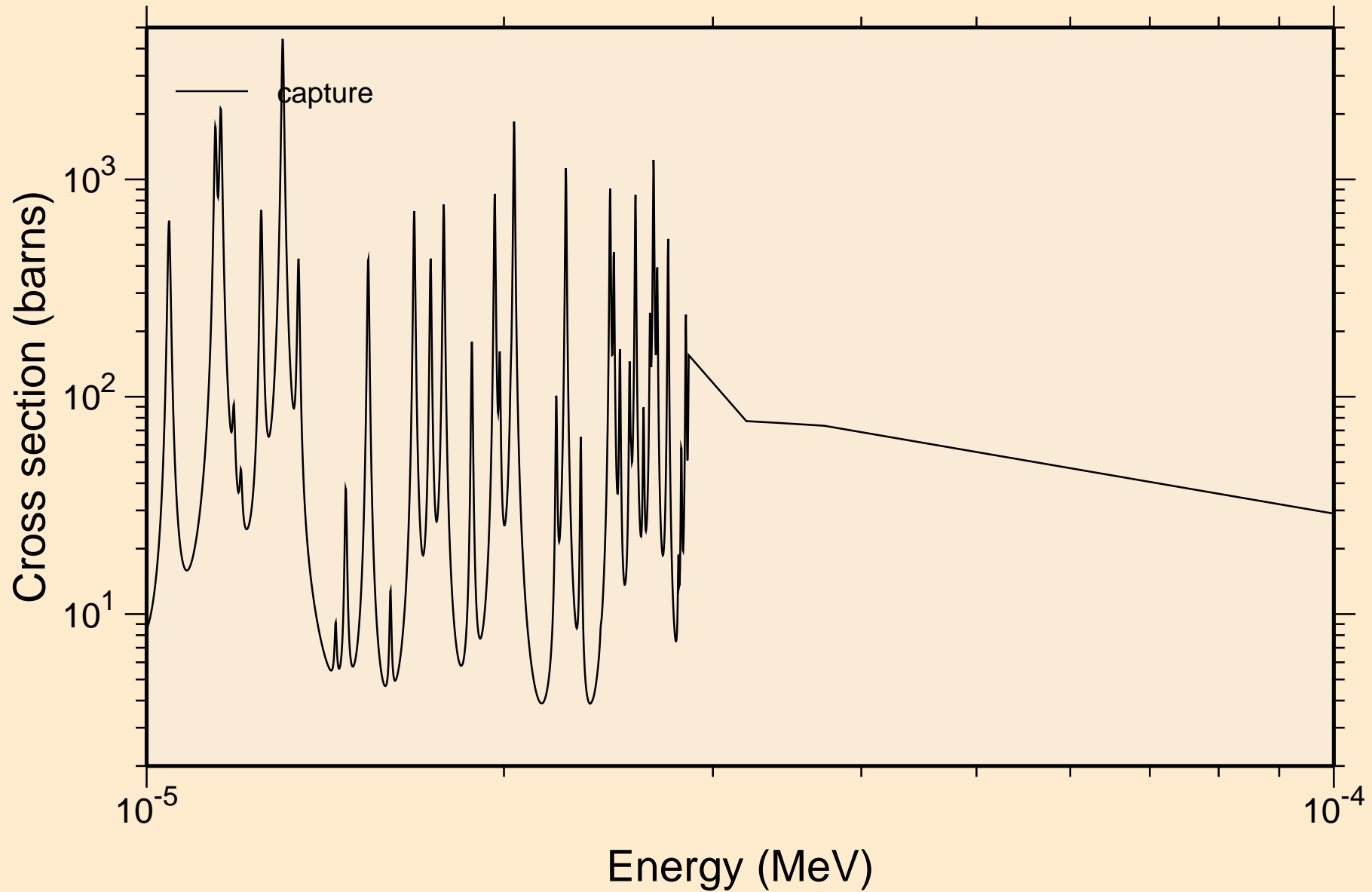
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

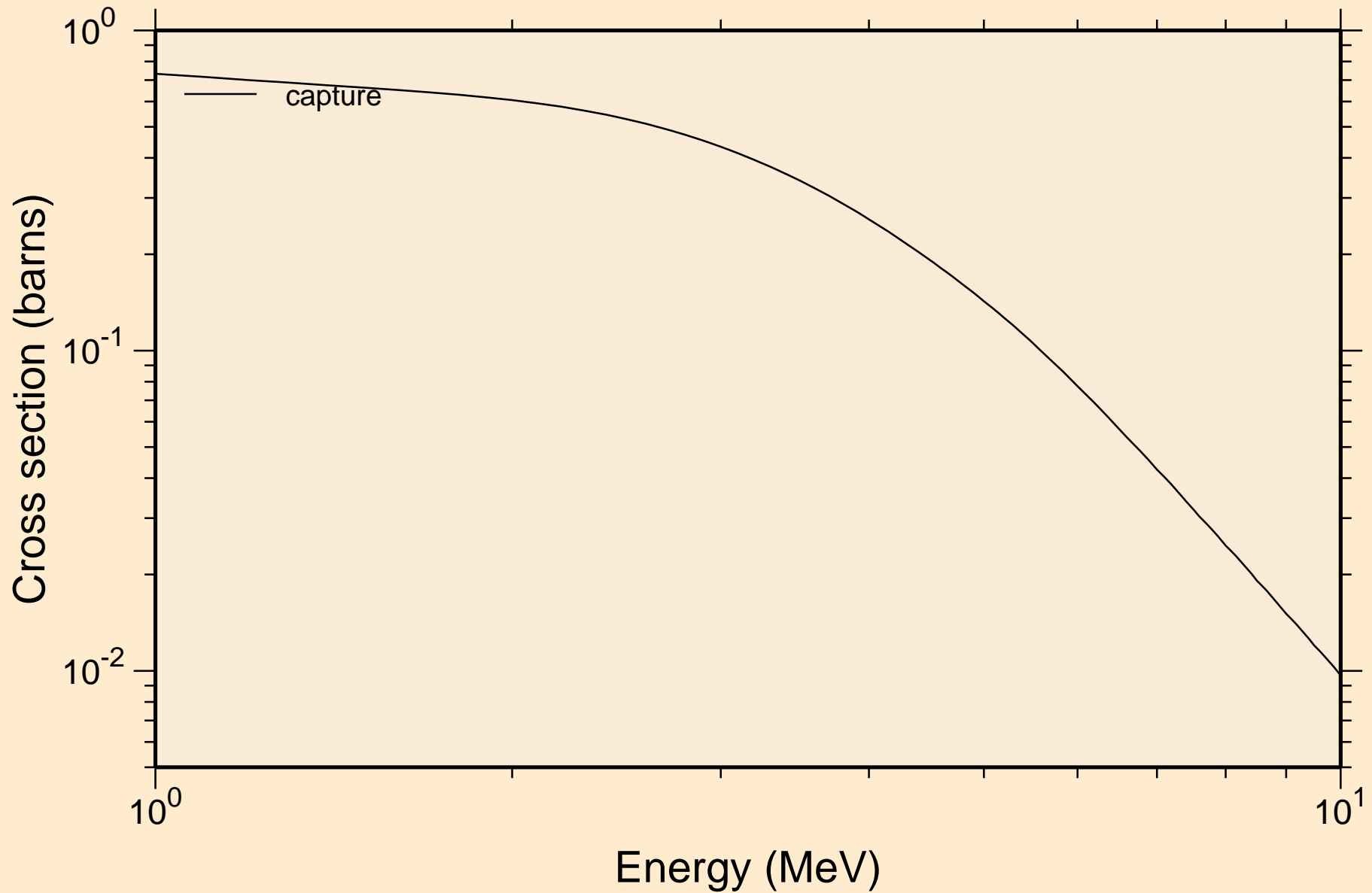


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

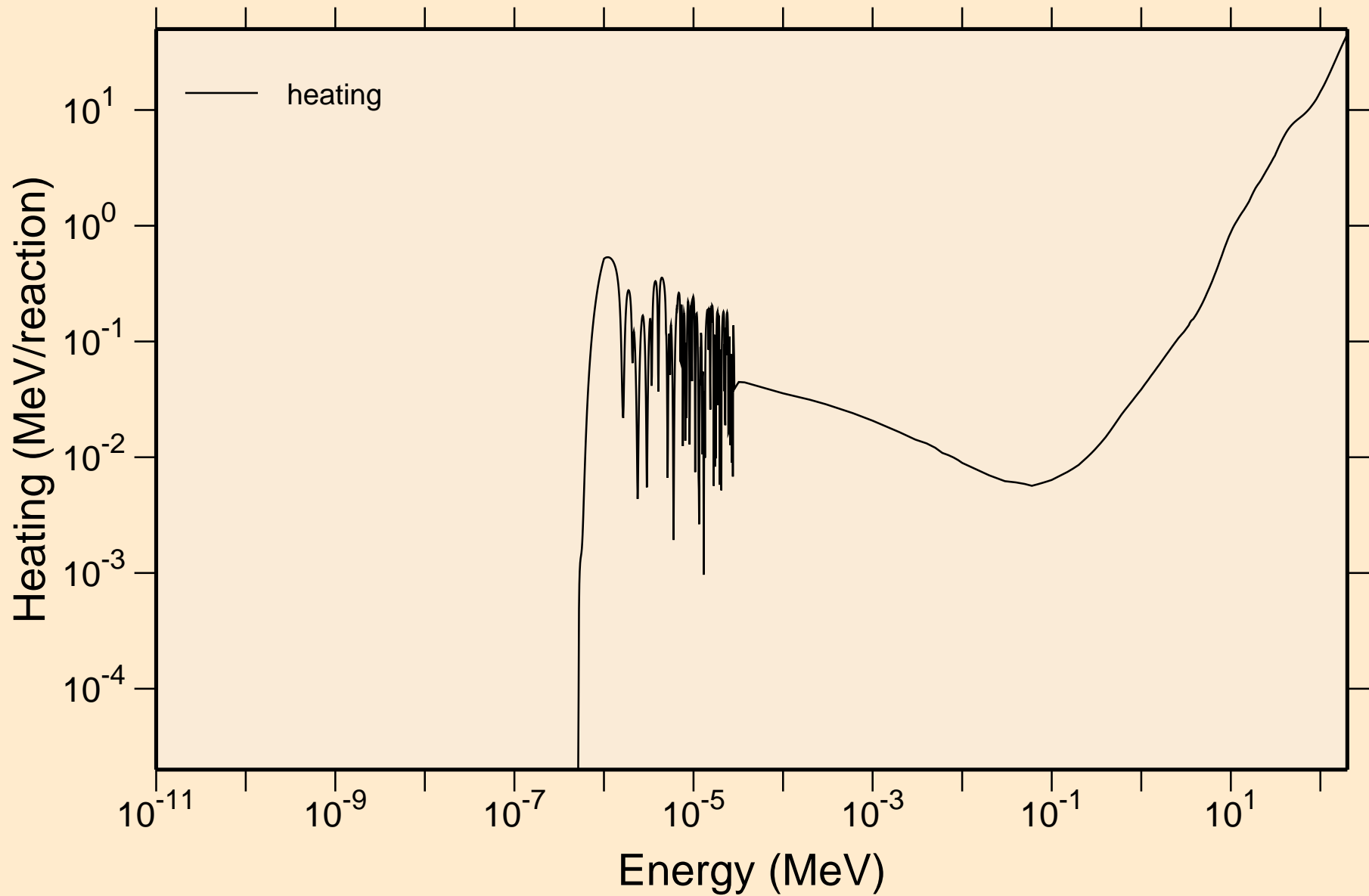




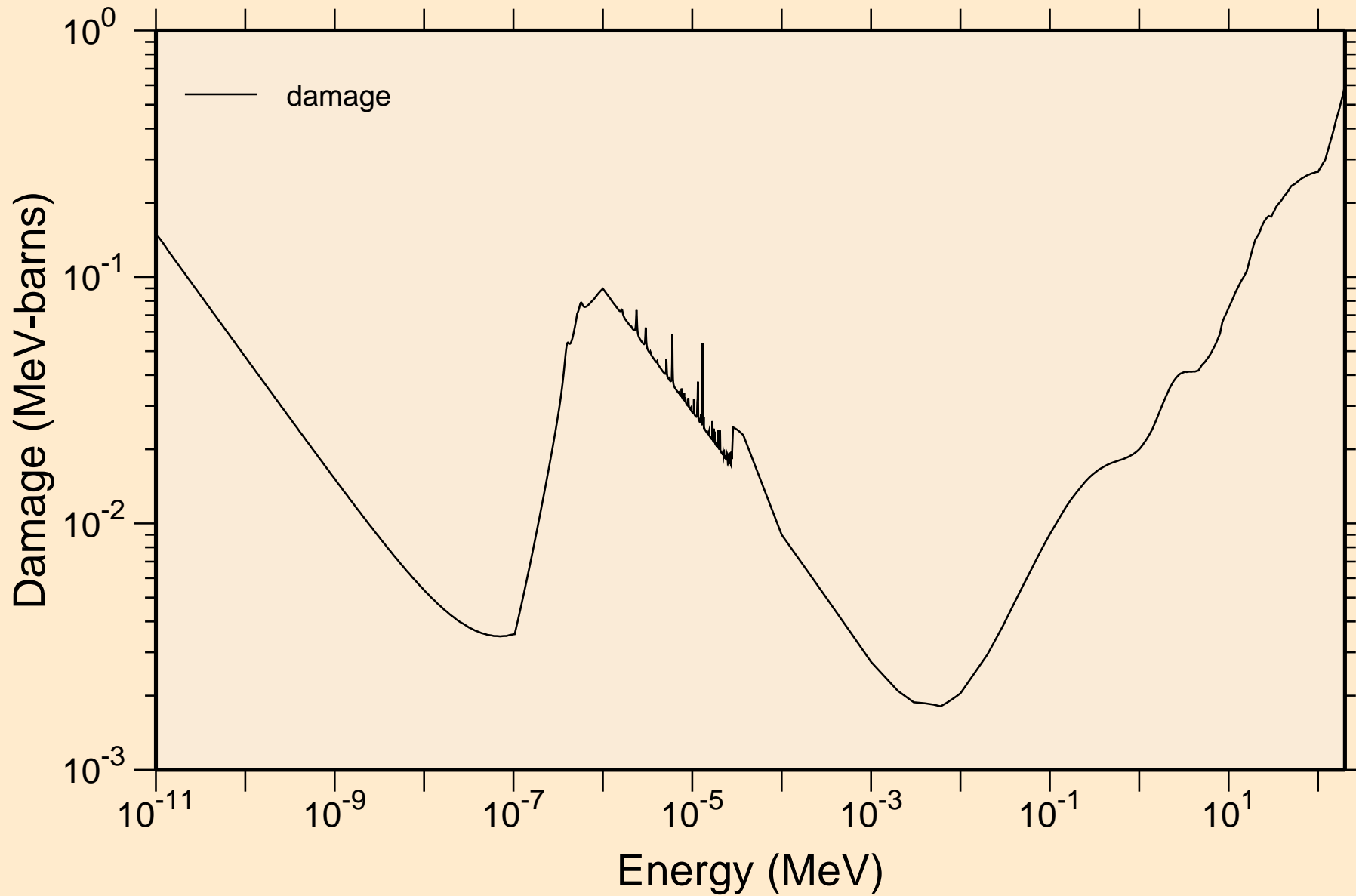
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



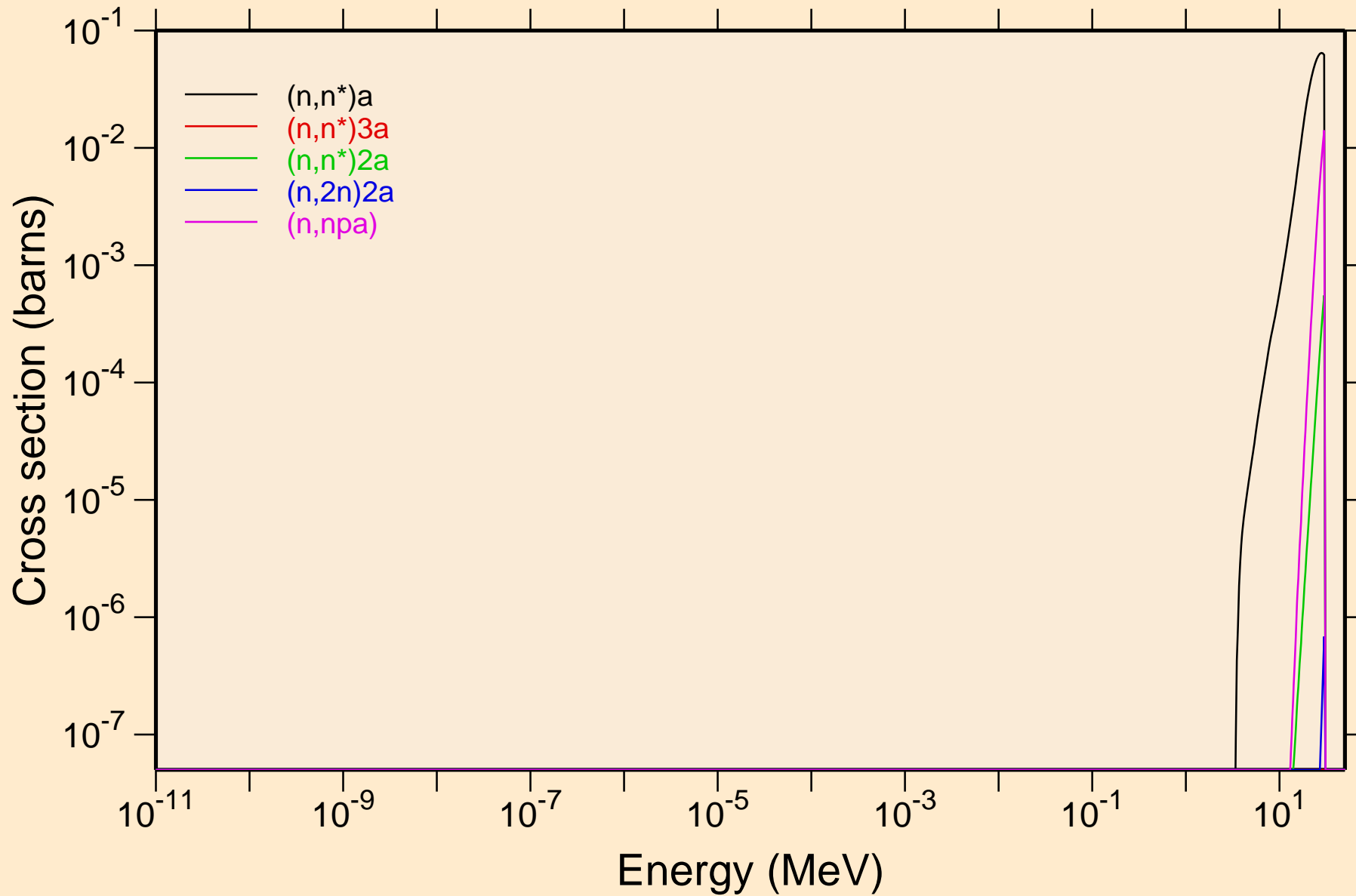
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



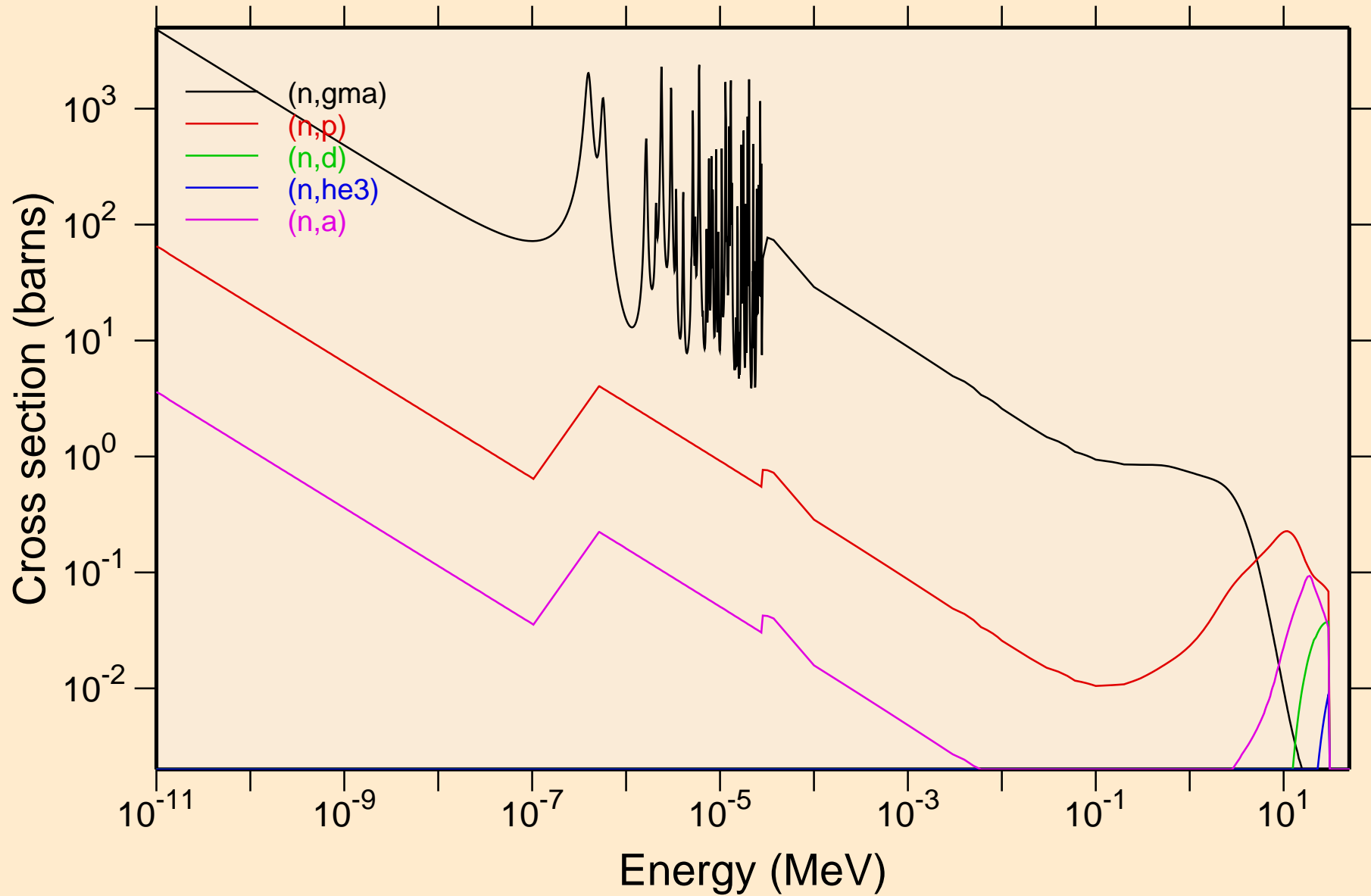
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



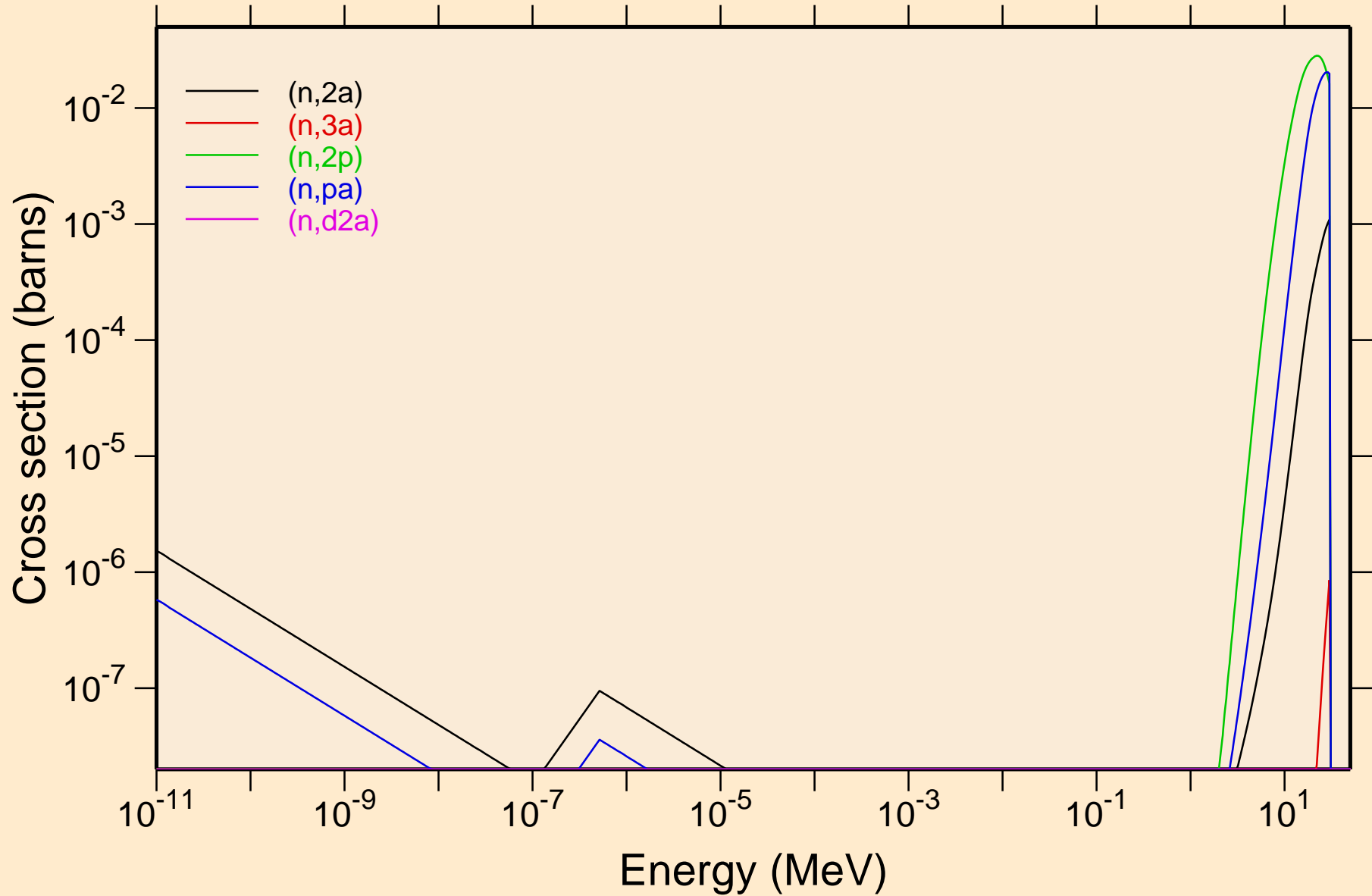
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



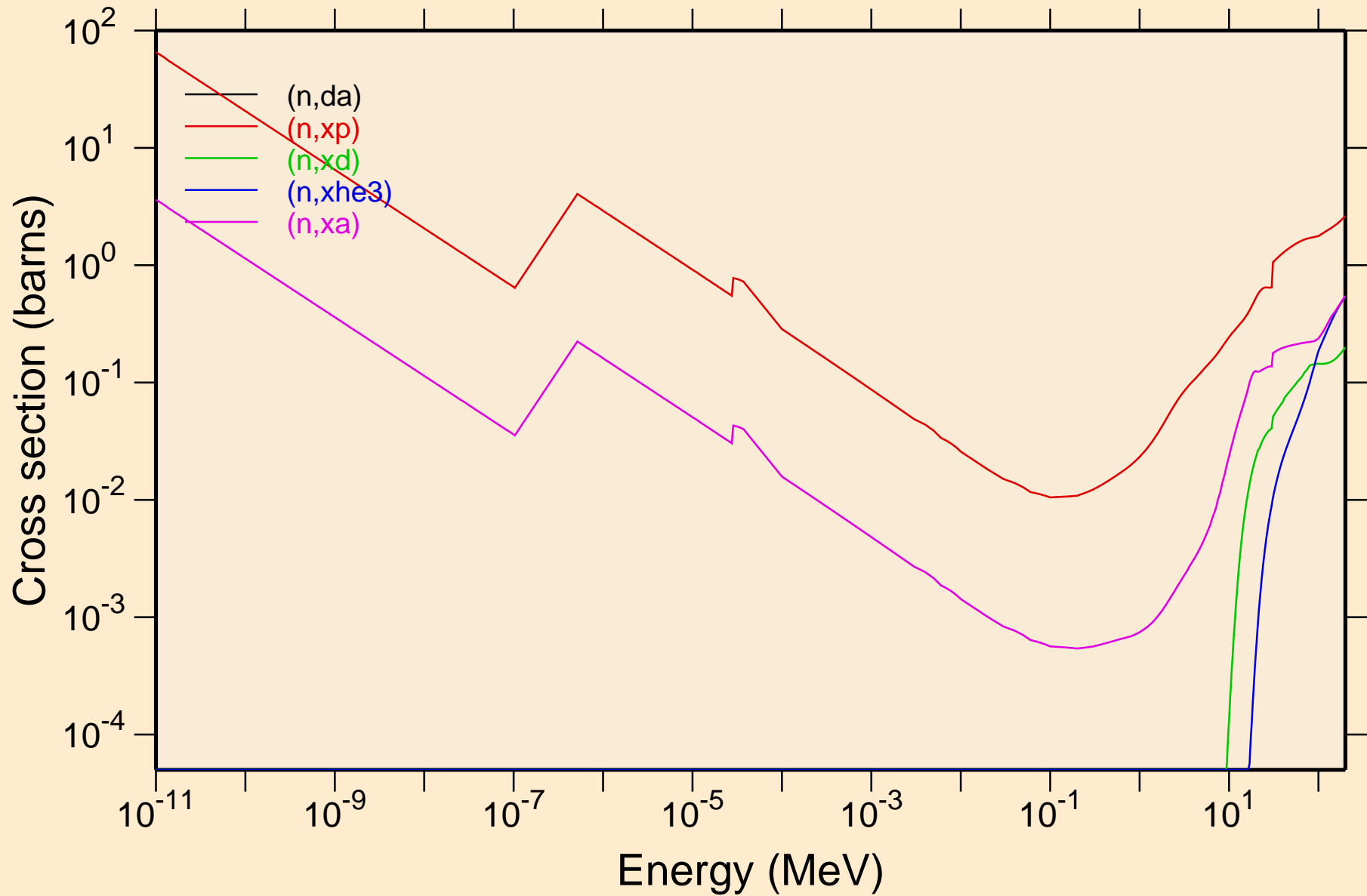
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Non-threshold reactions



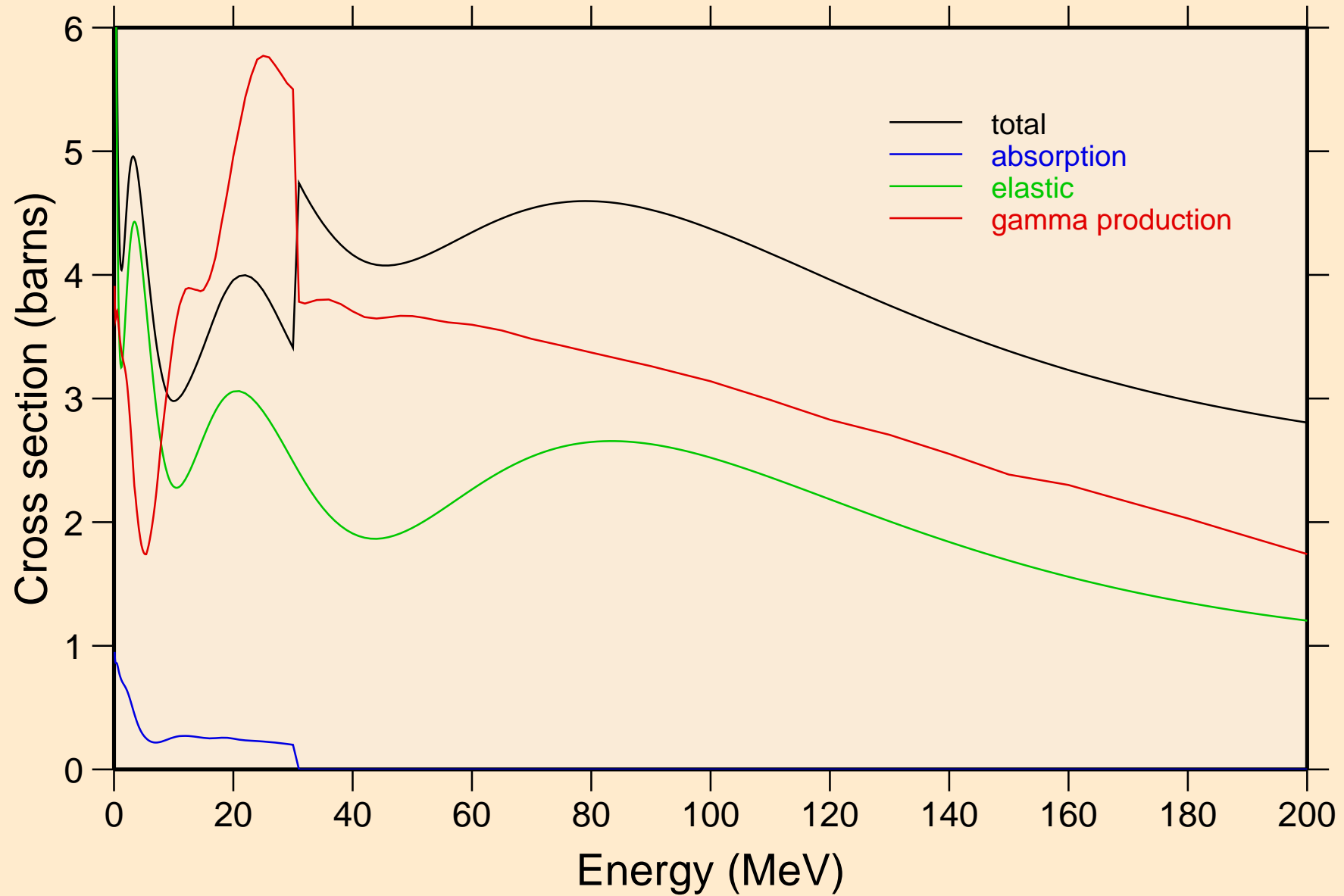
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



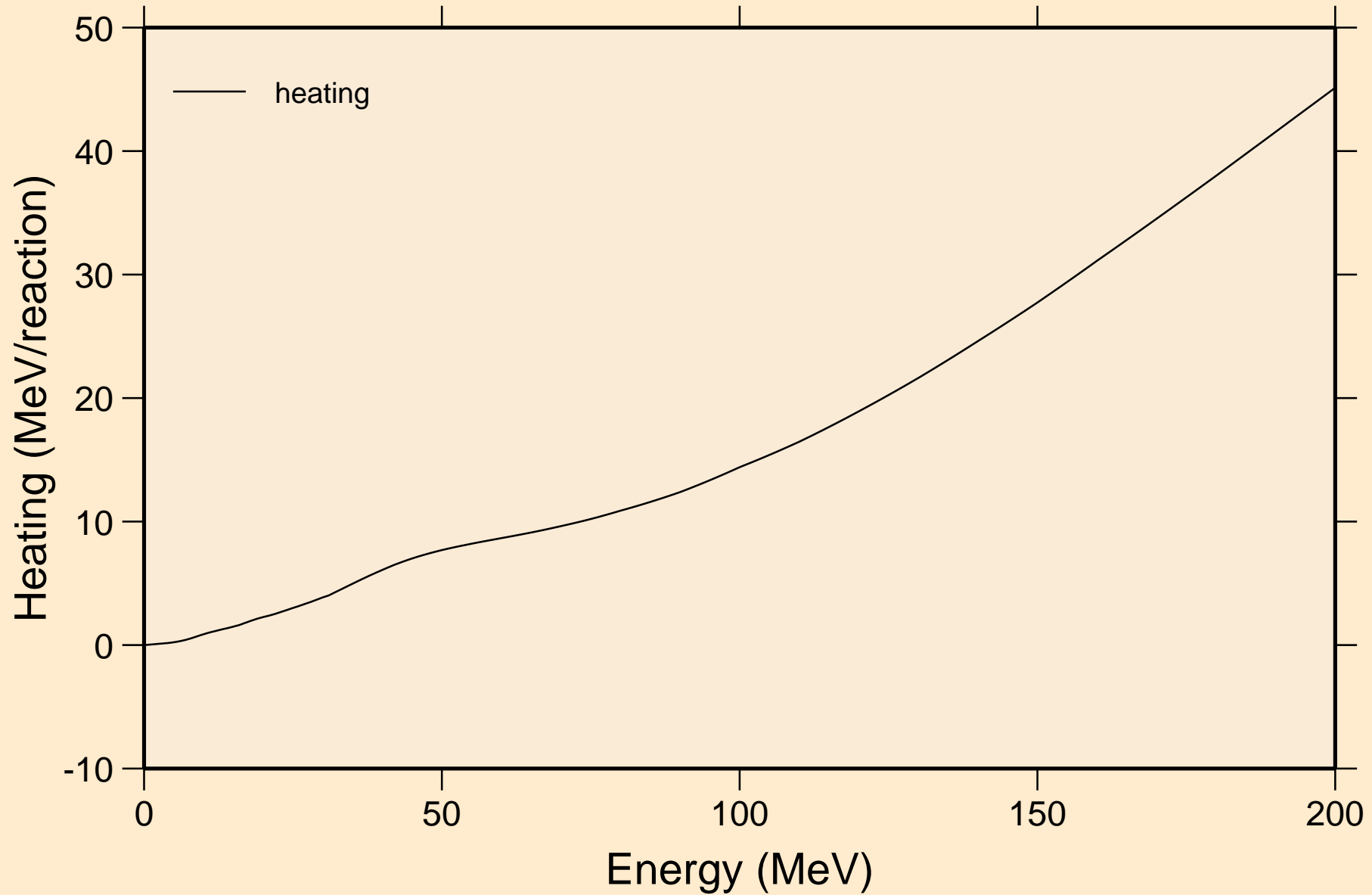
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



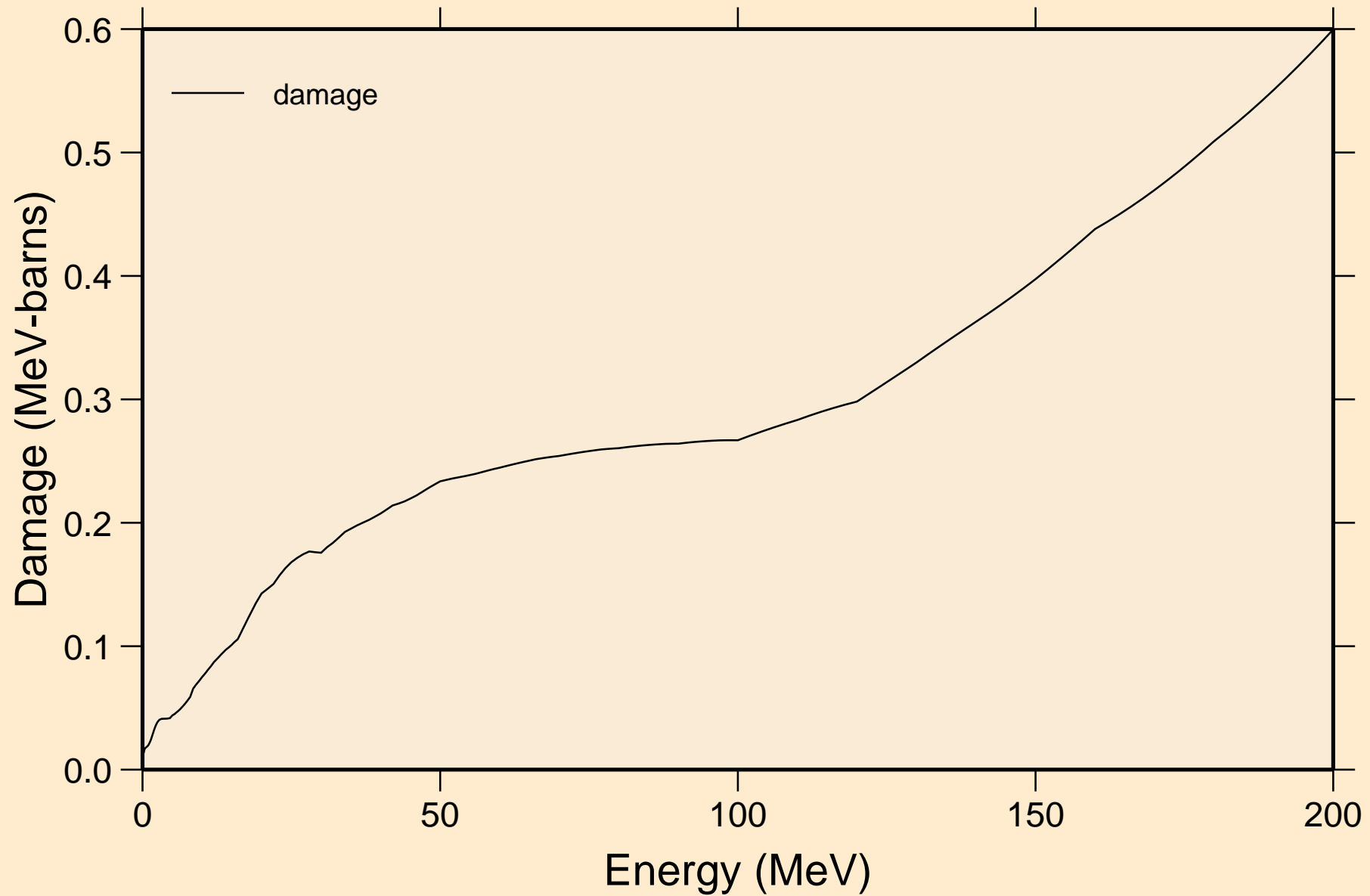


# PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

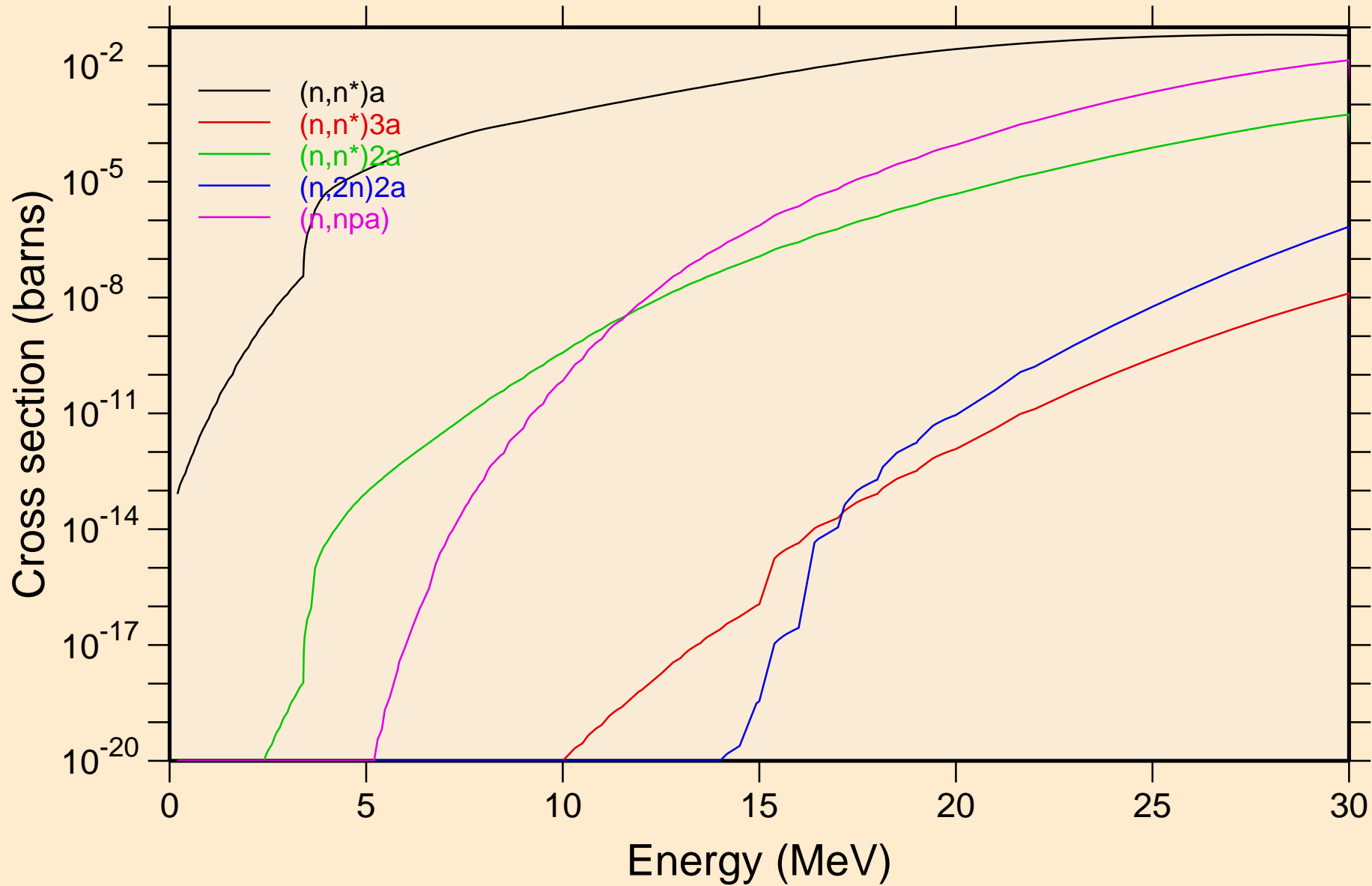
## Heating



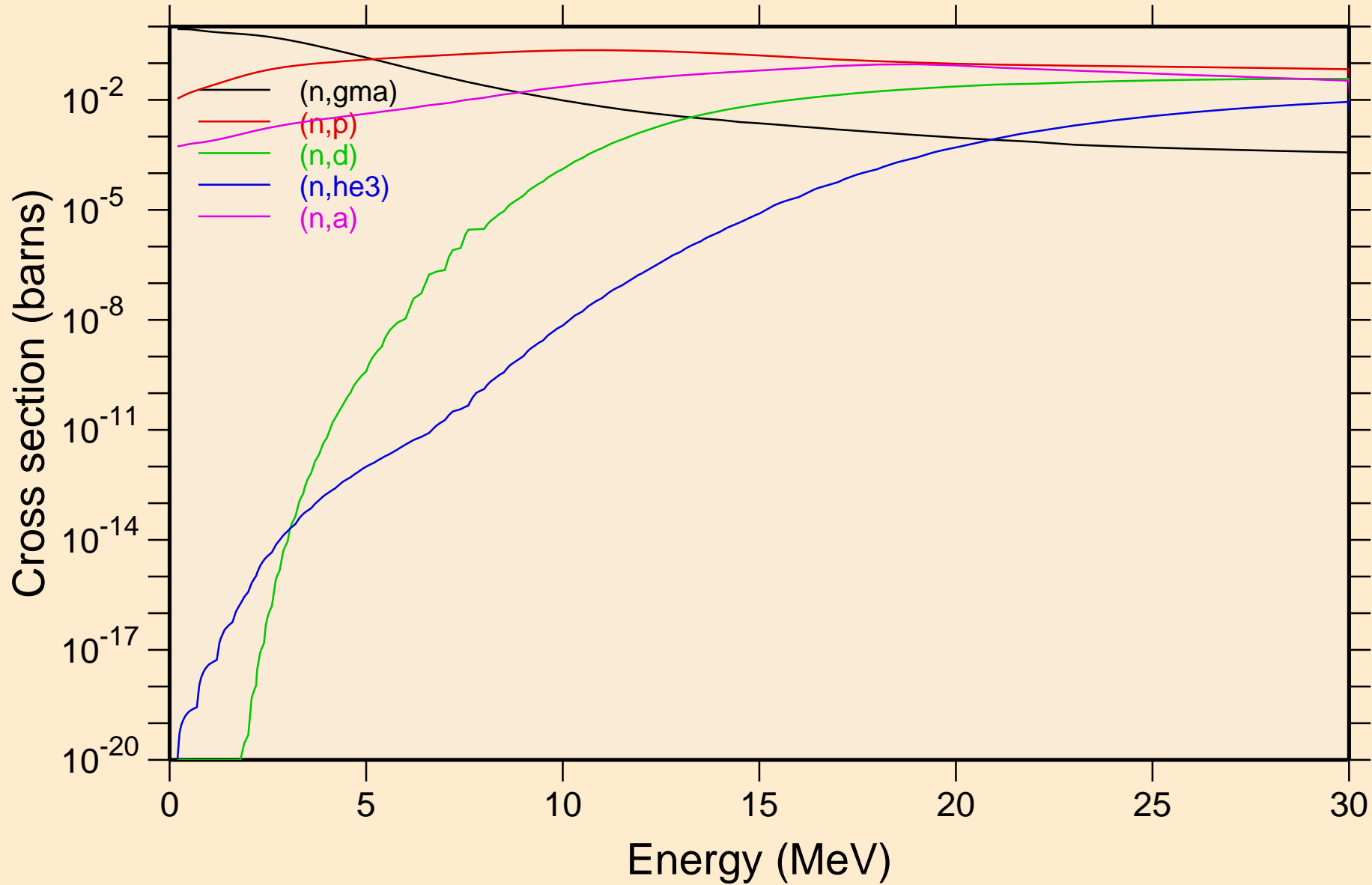
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



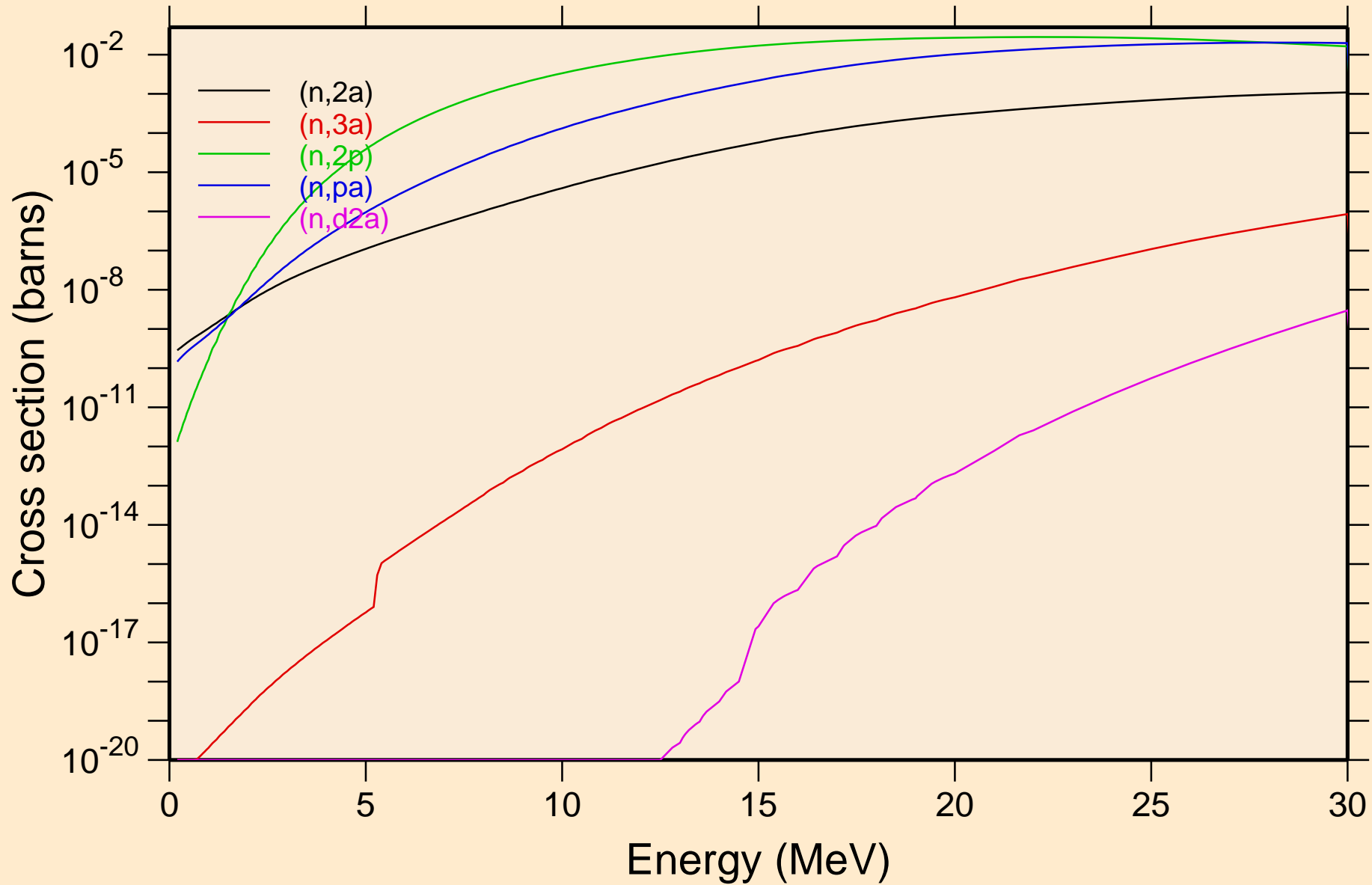
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



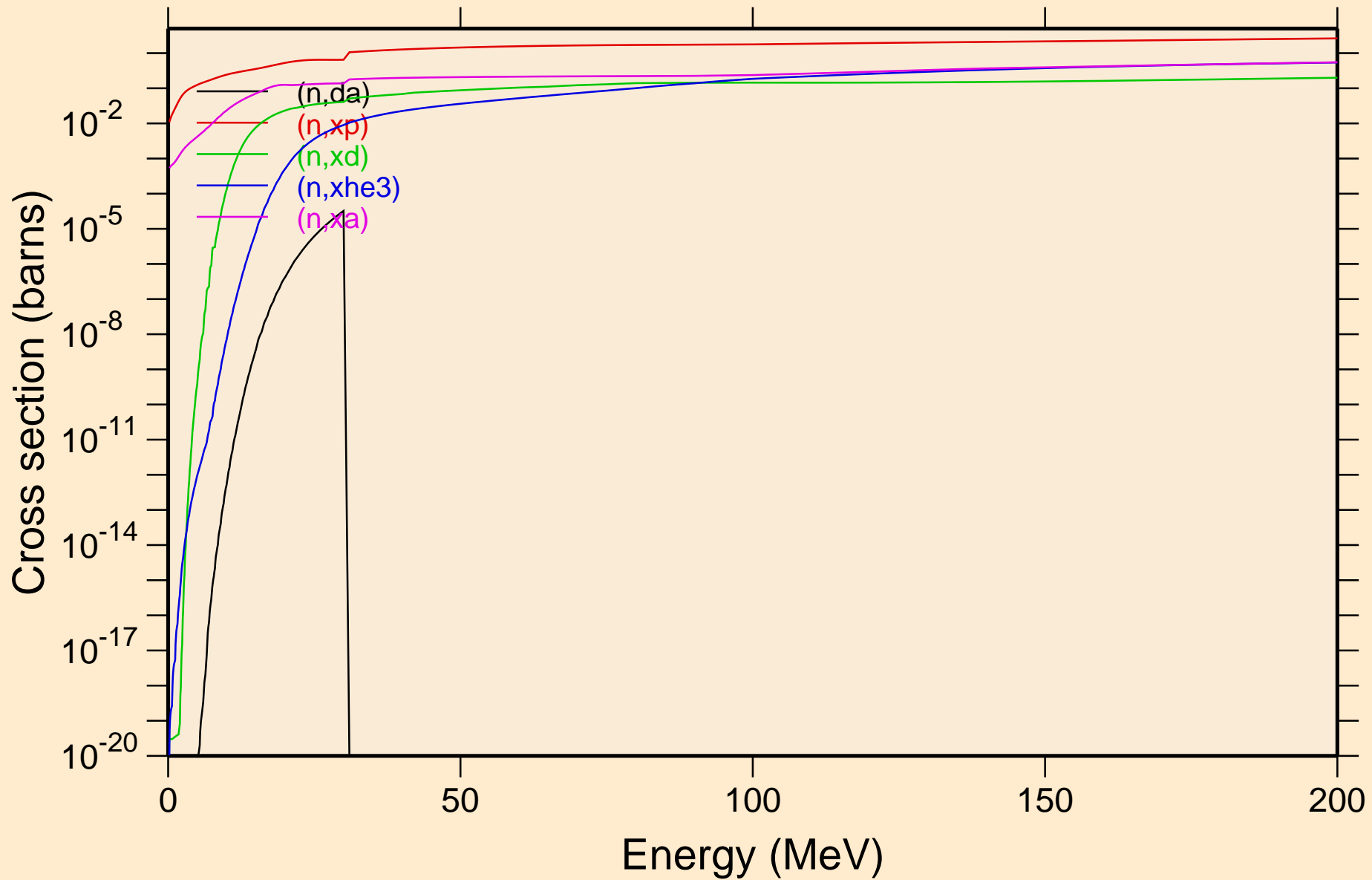
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



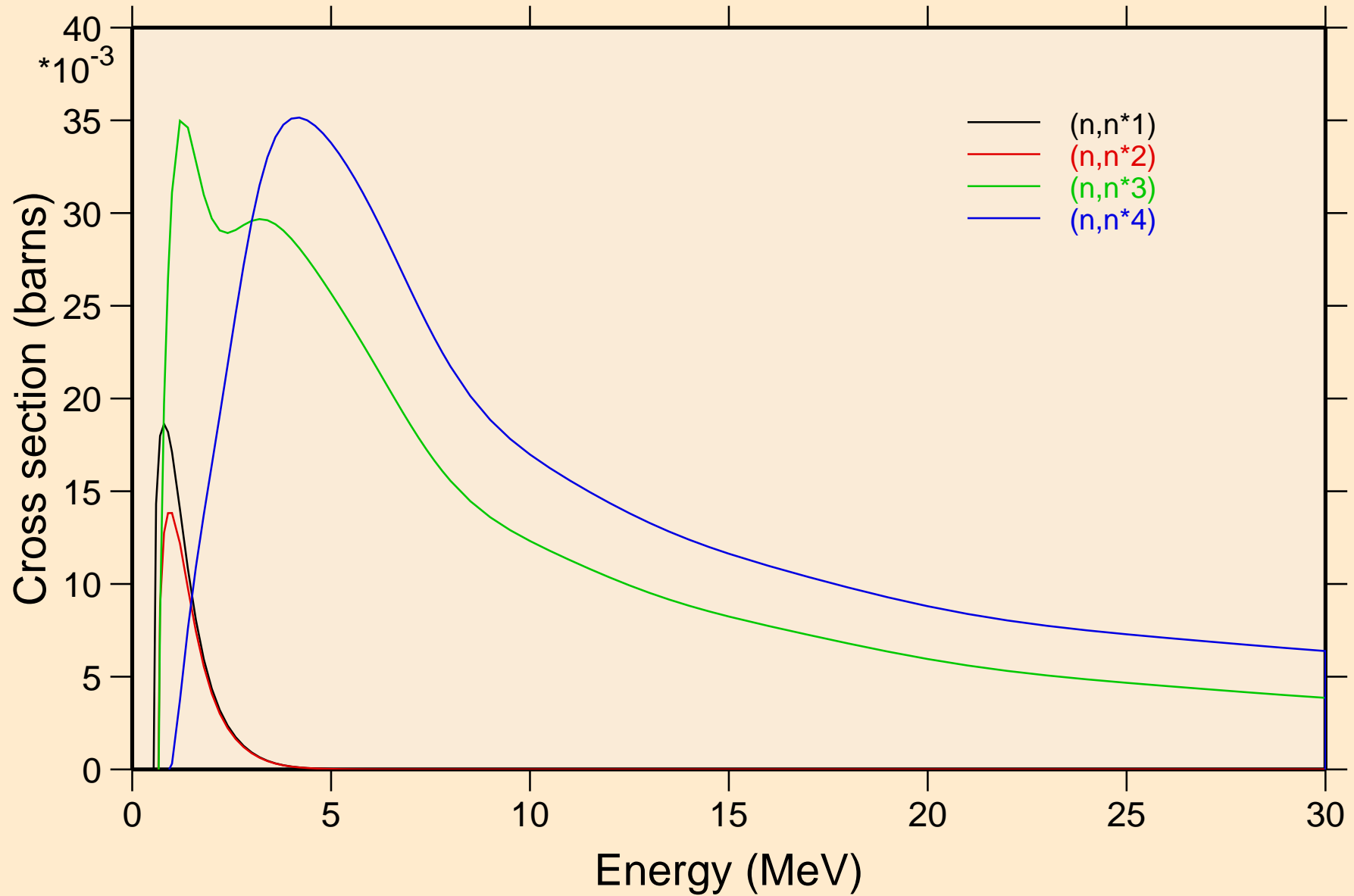
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



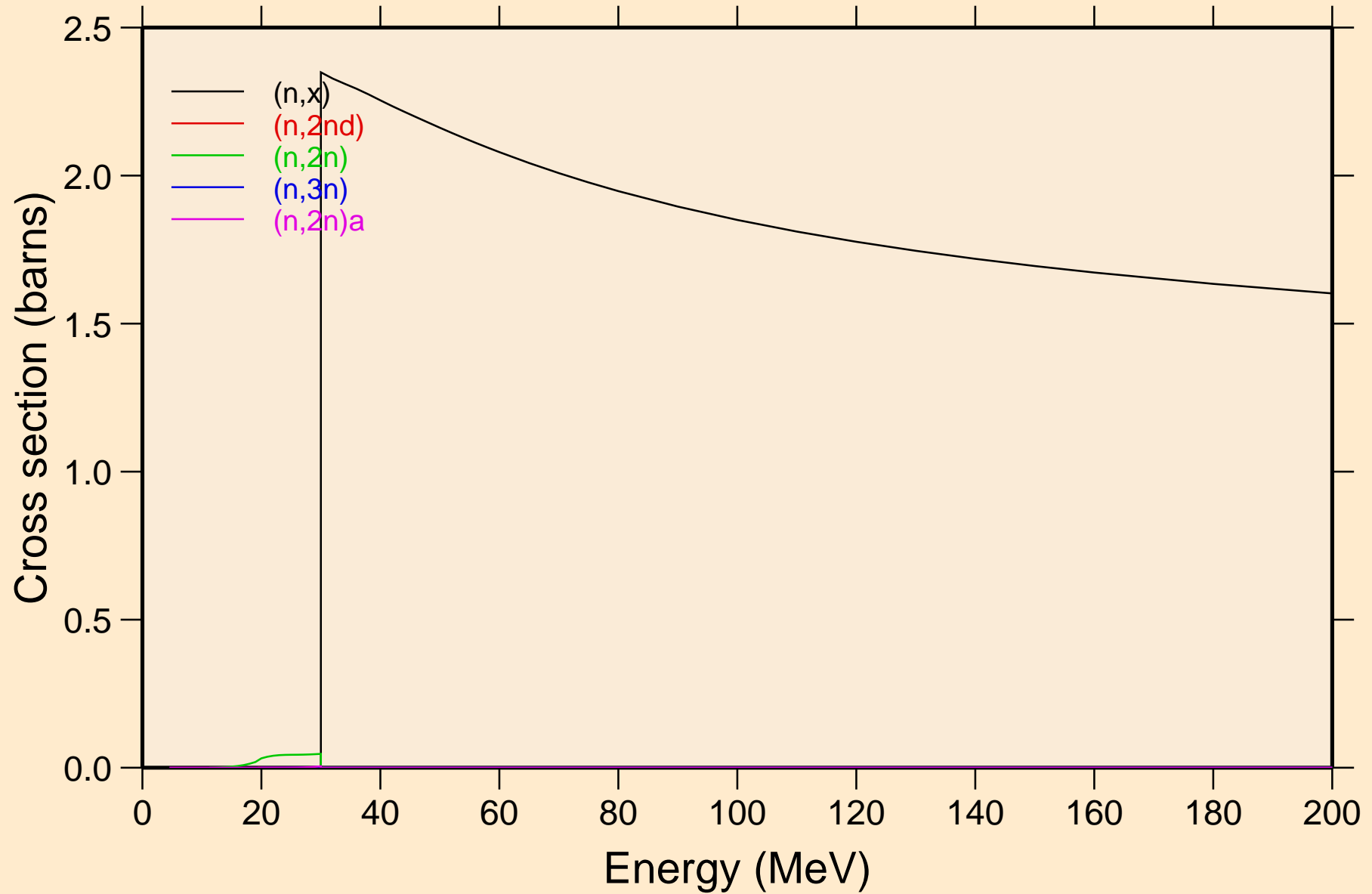
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

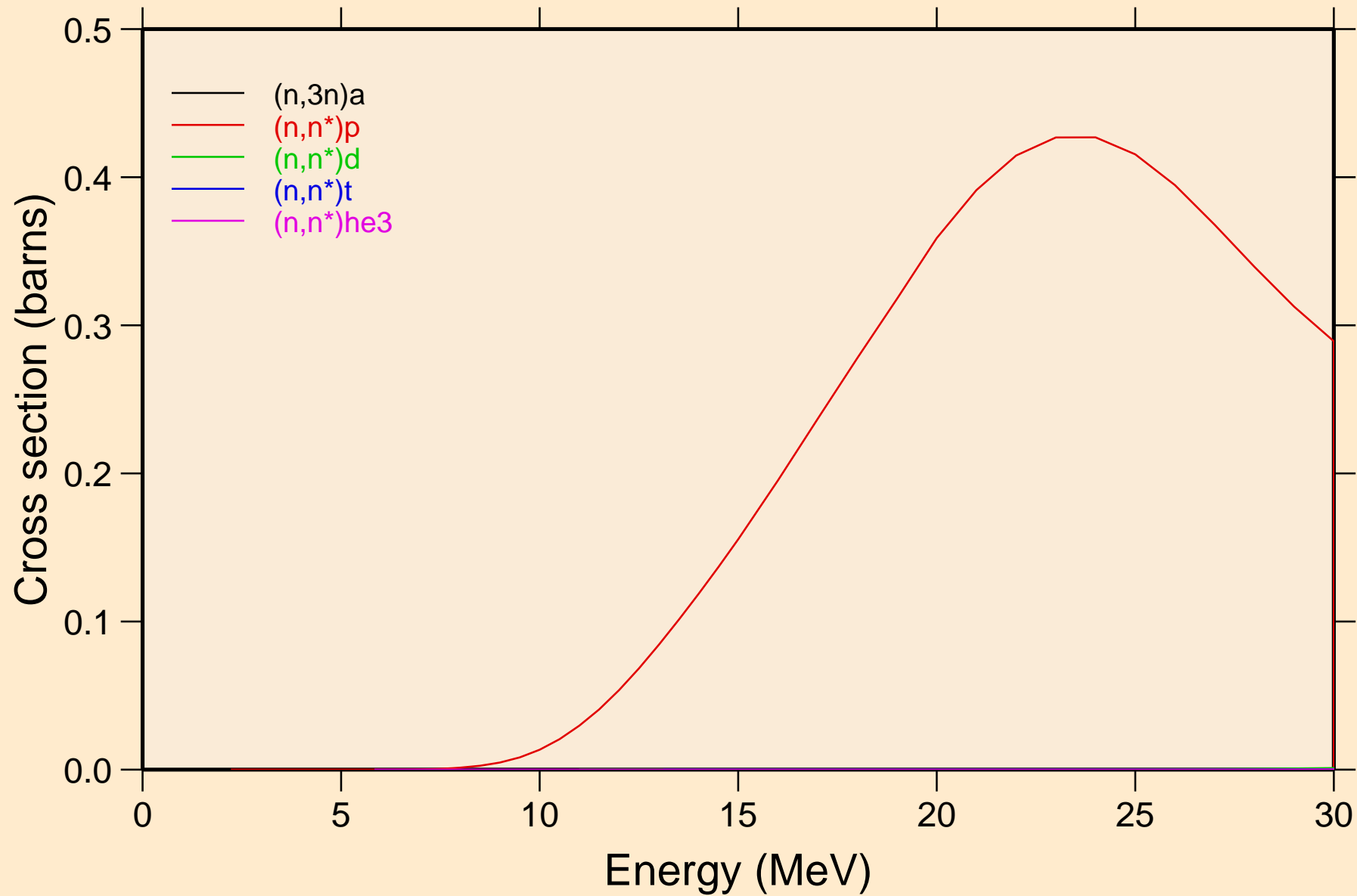


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



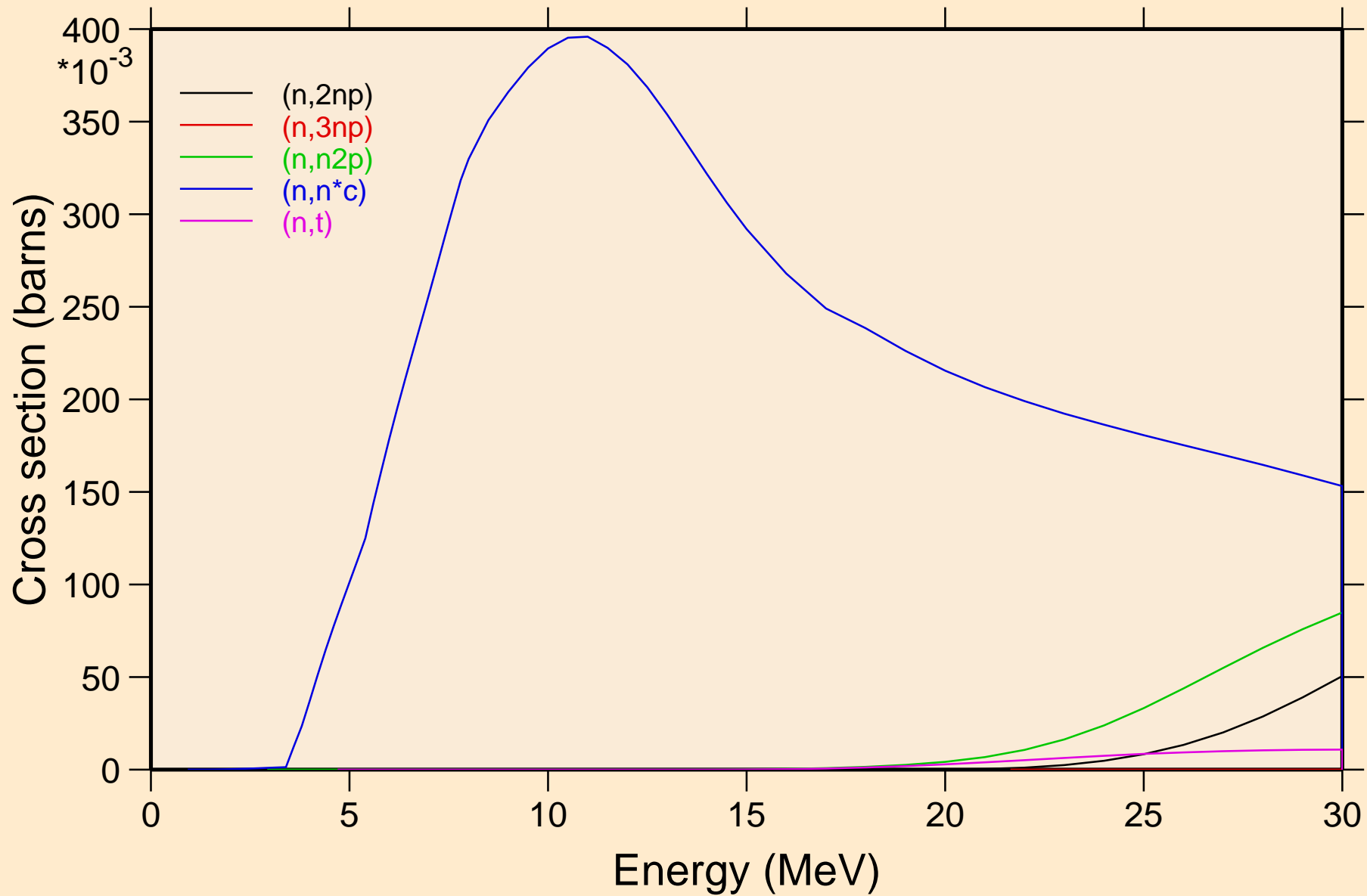


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

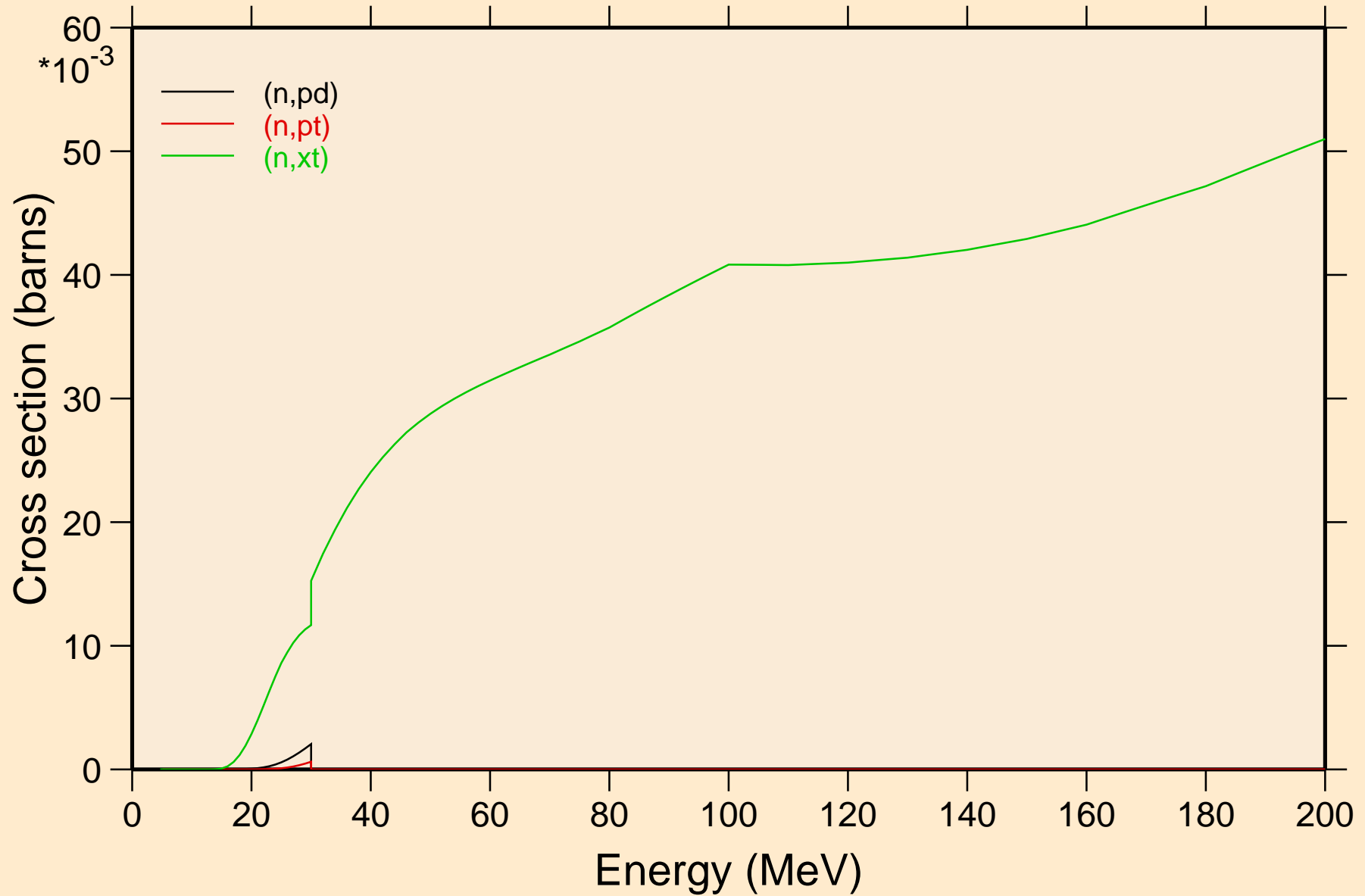


# PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

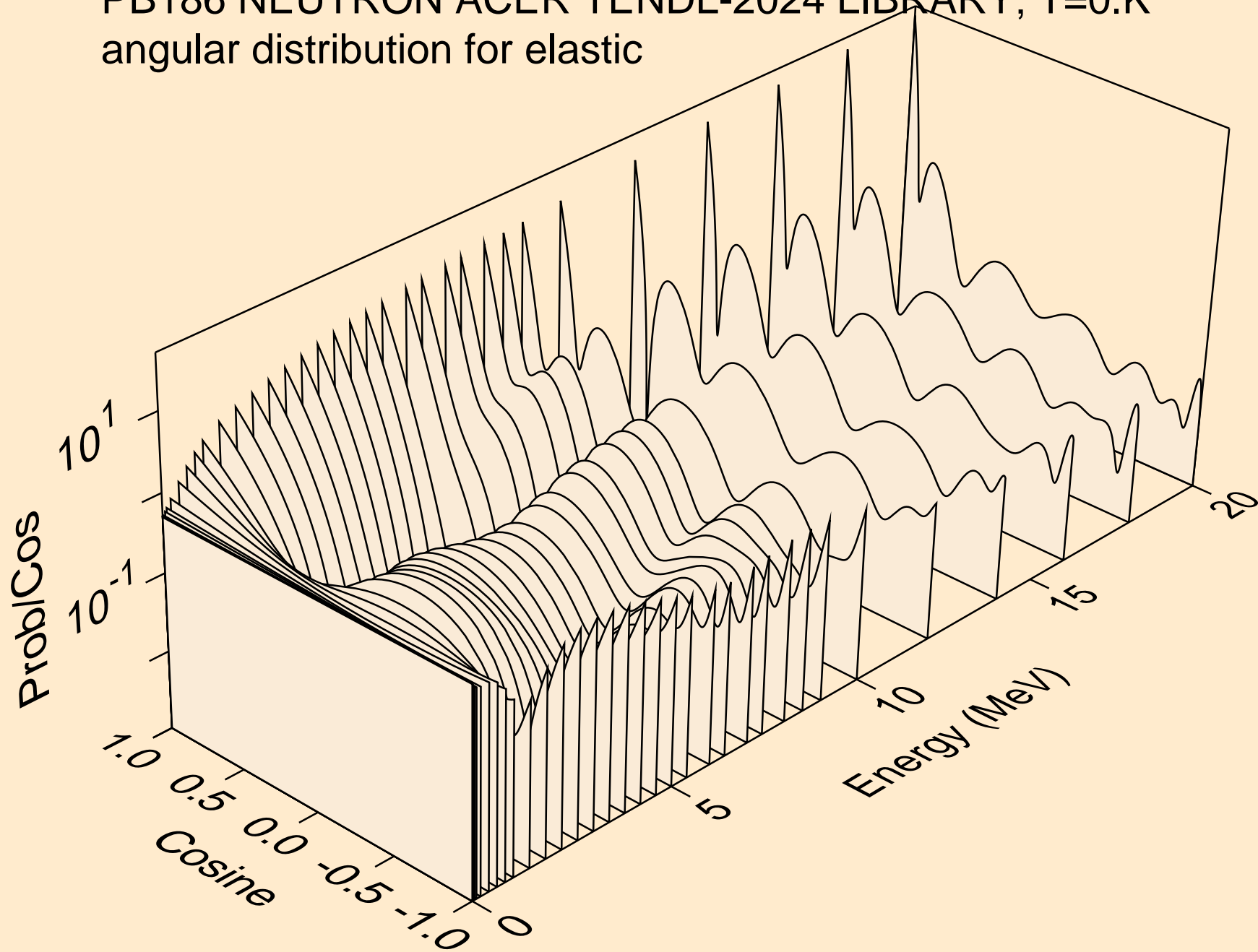
## Threshold reactions



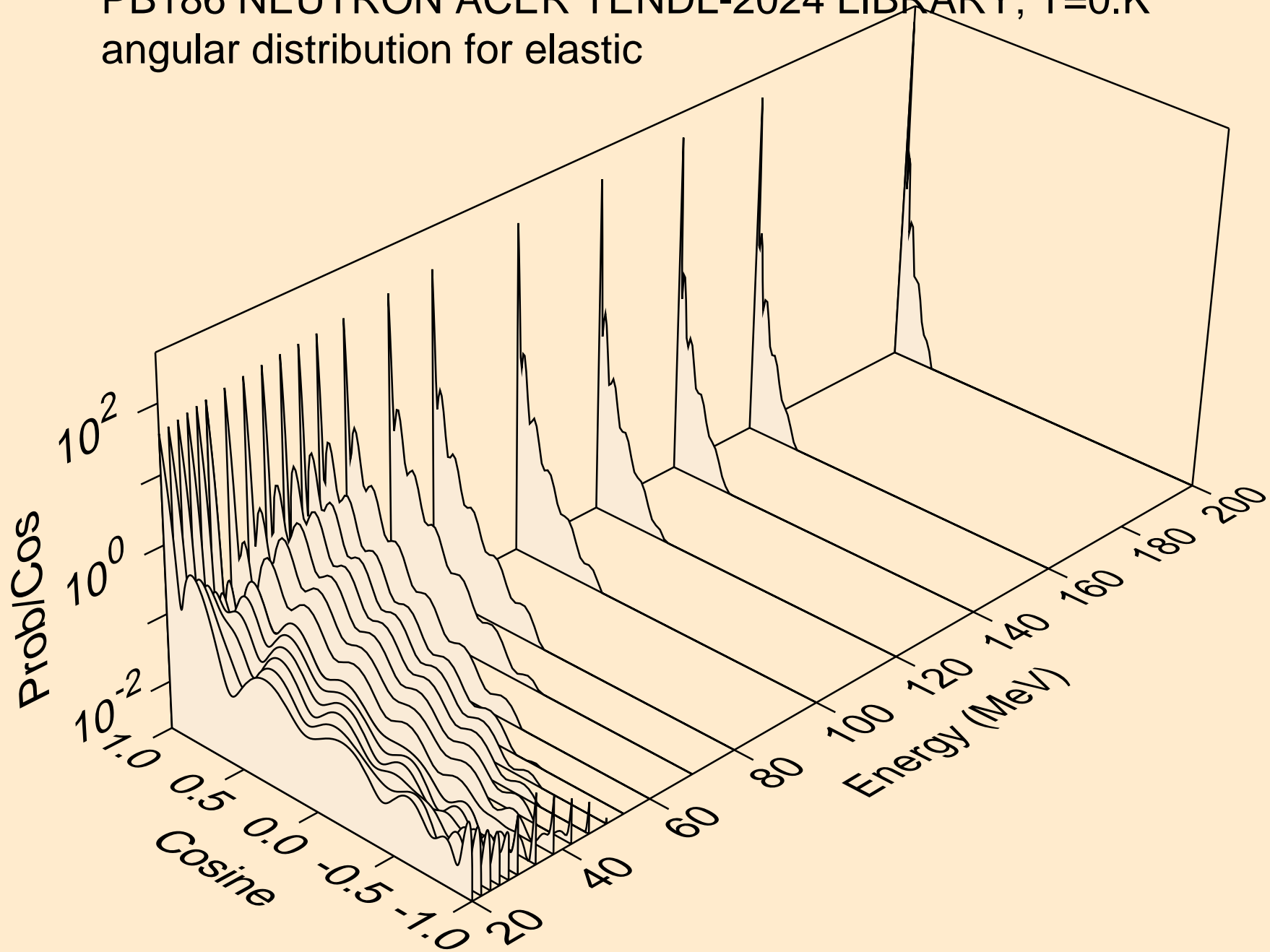
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



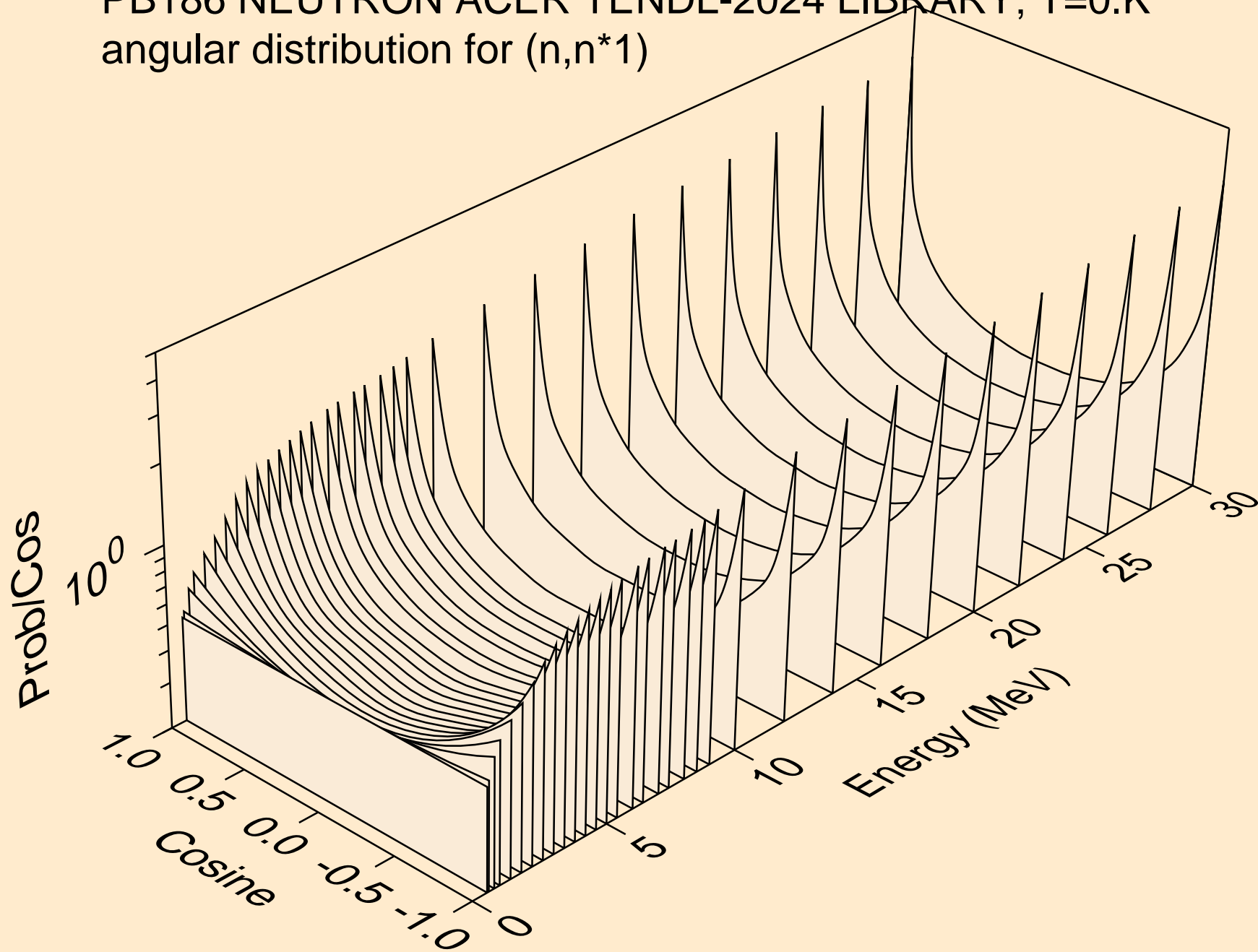
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



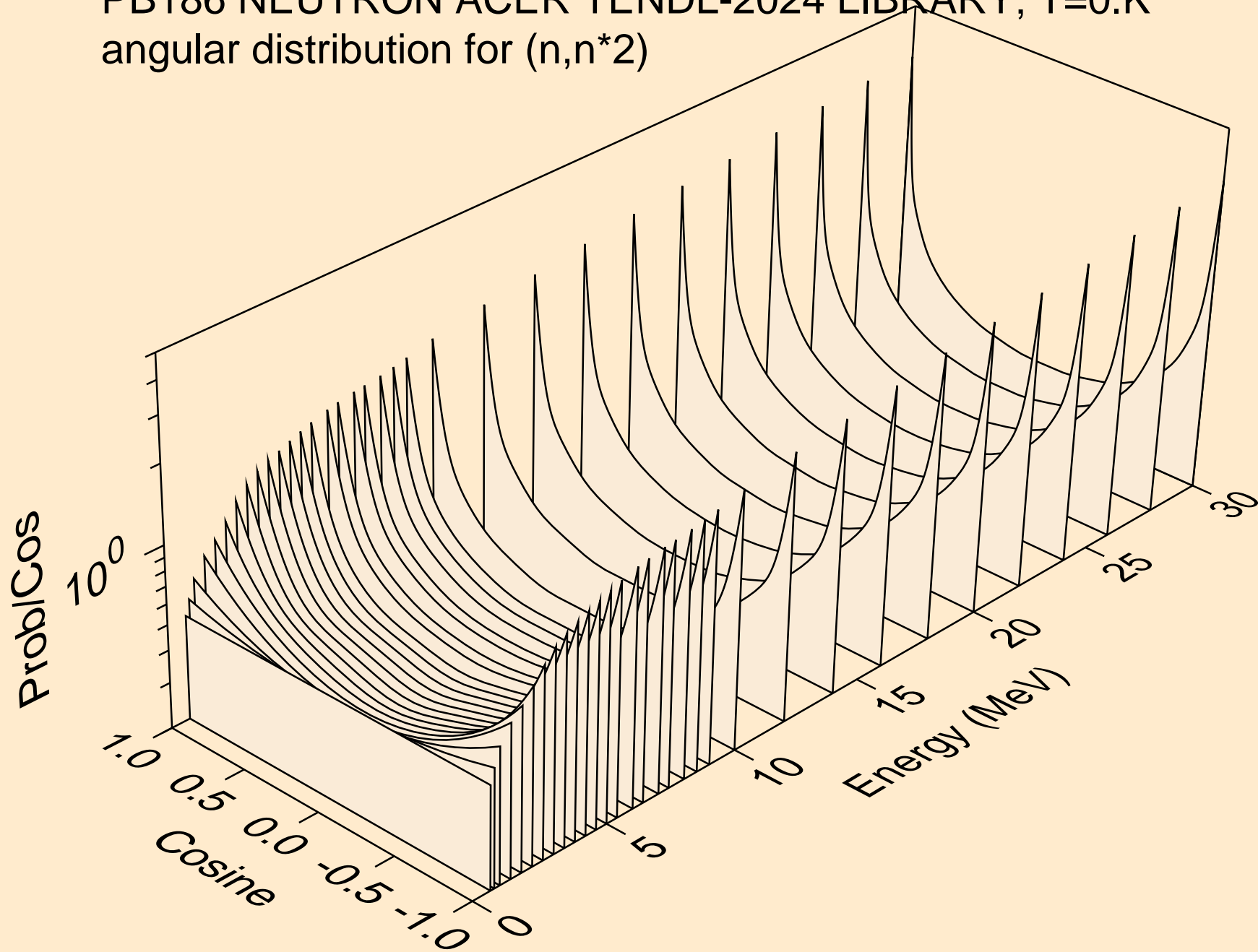
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



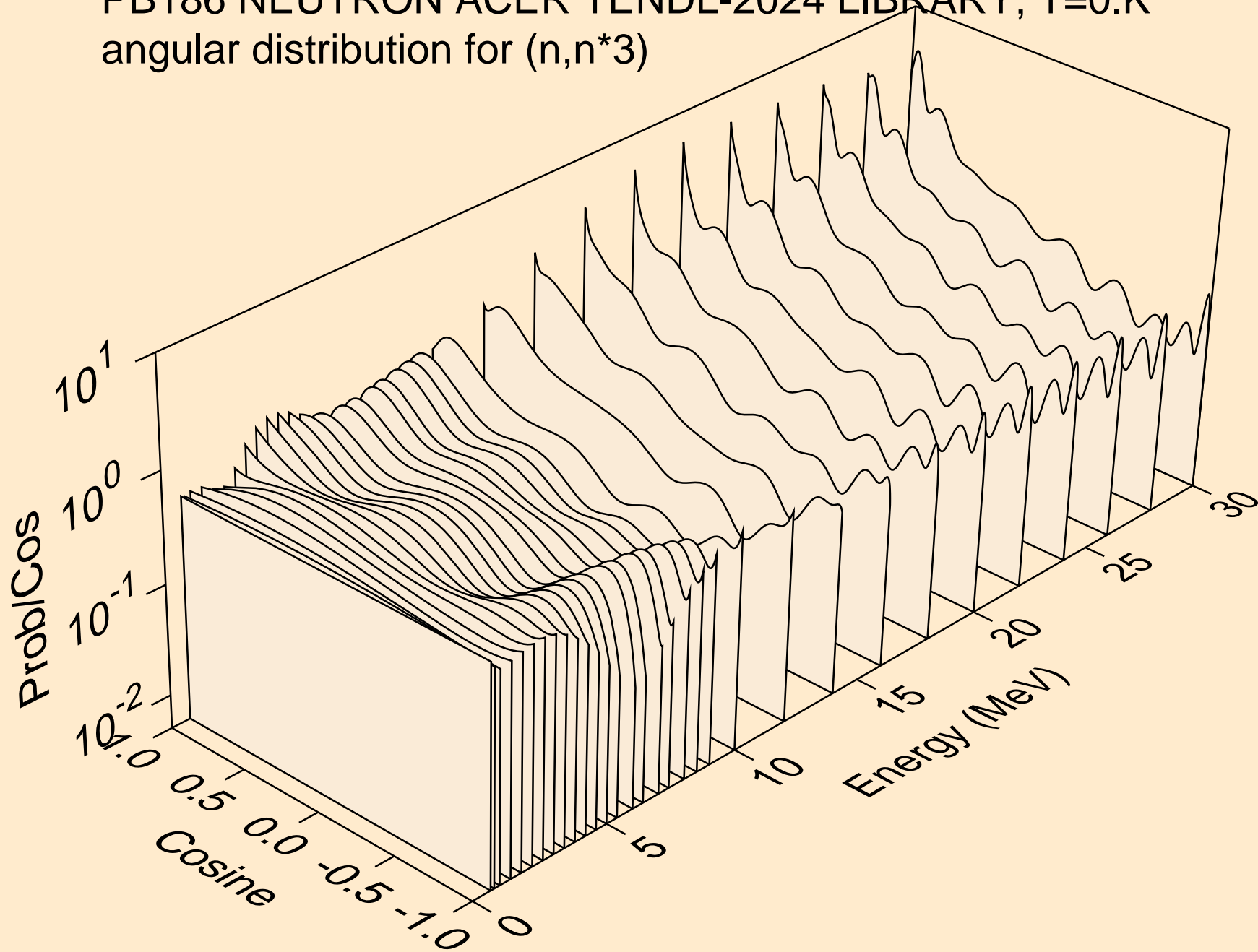
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

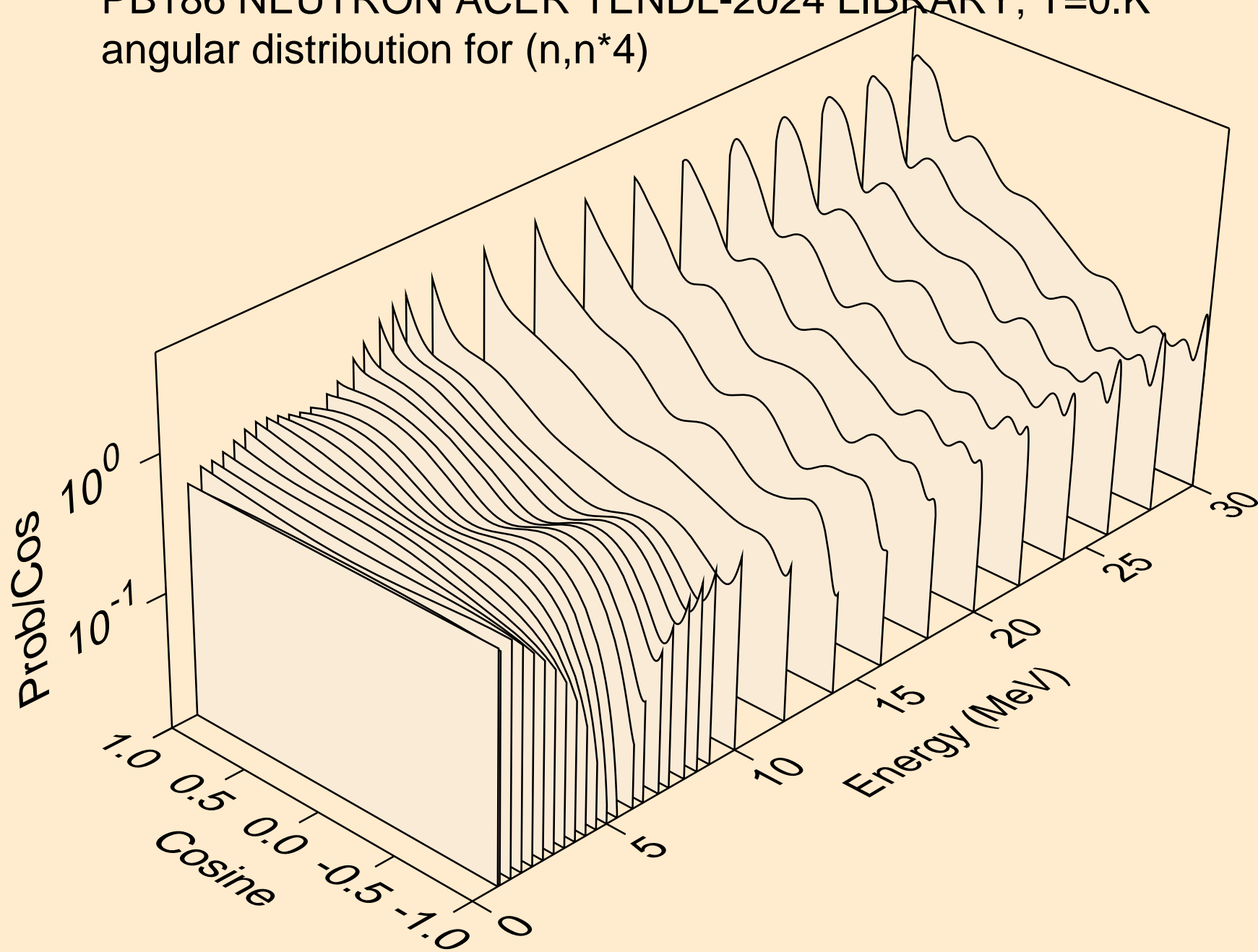


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

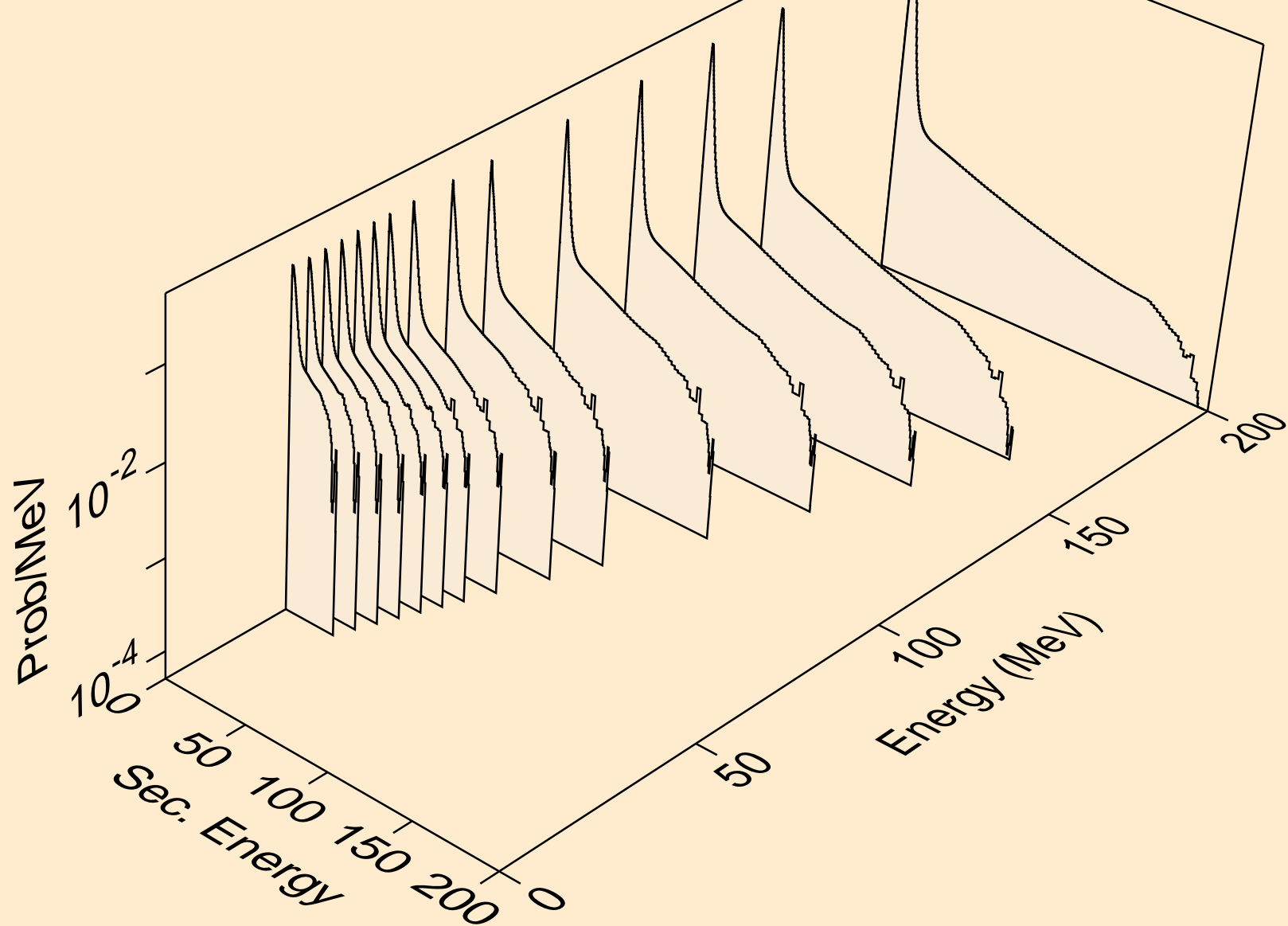




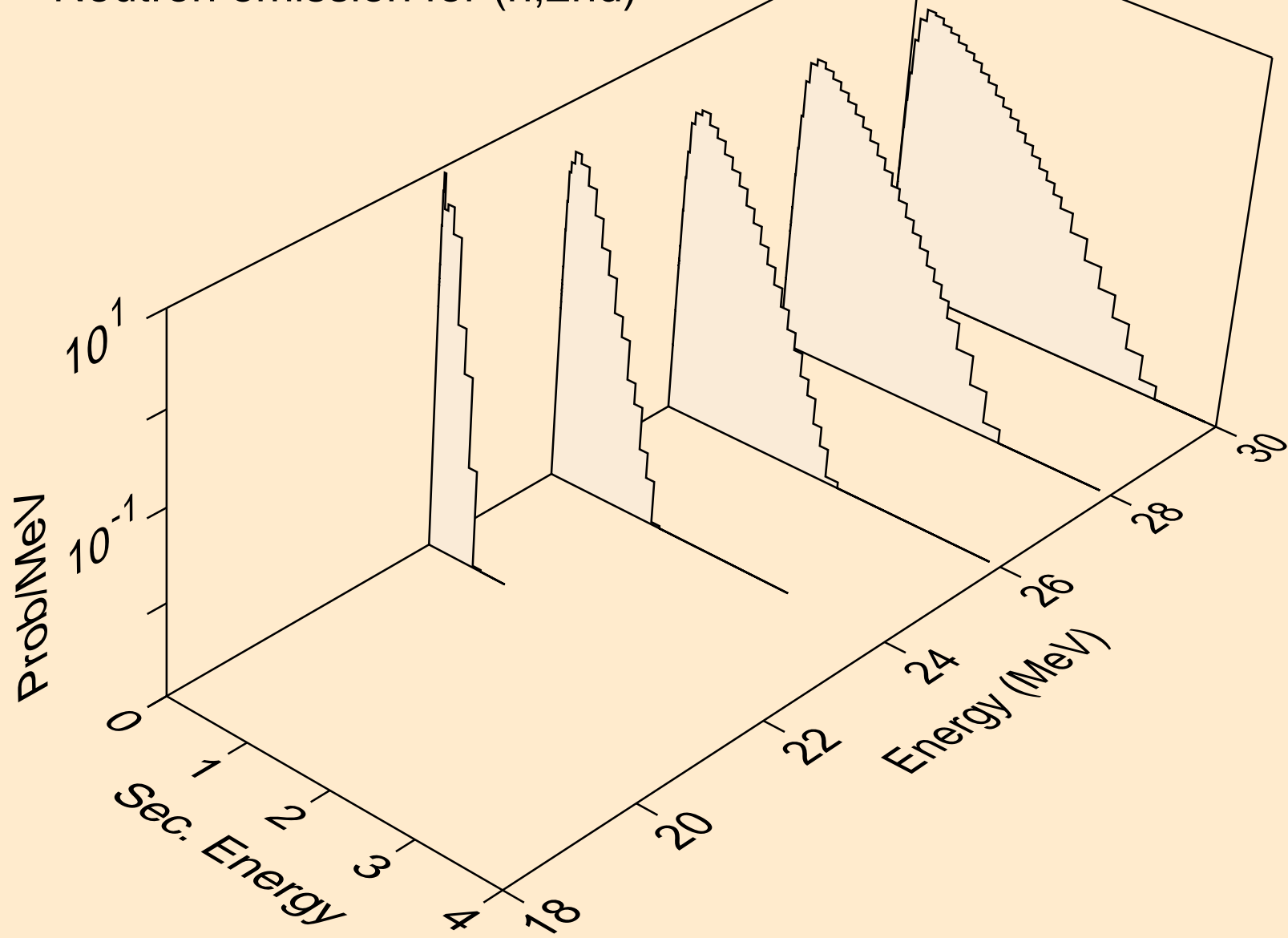
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angular distribution for (n,n\*4)



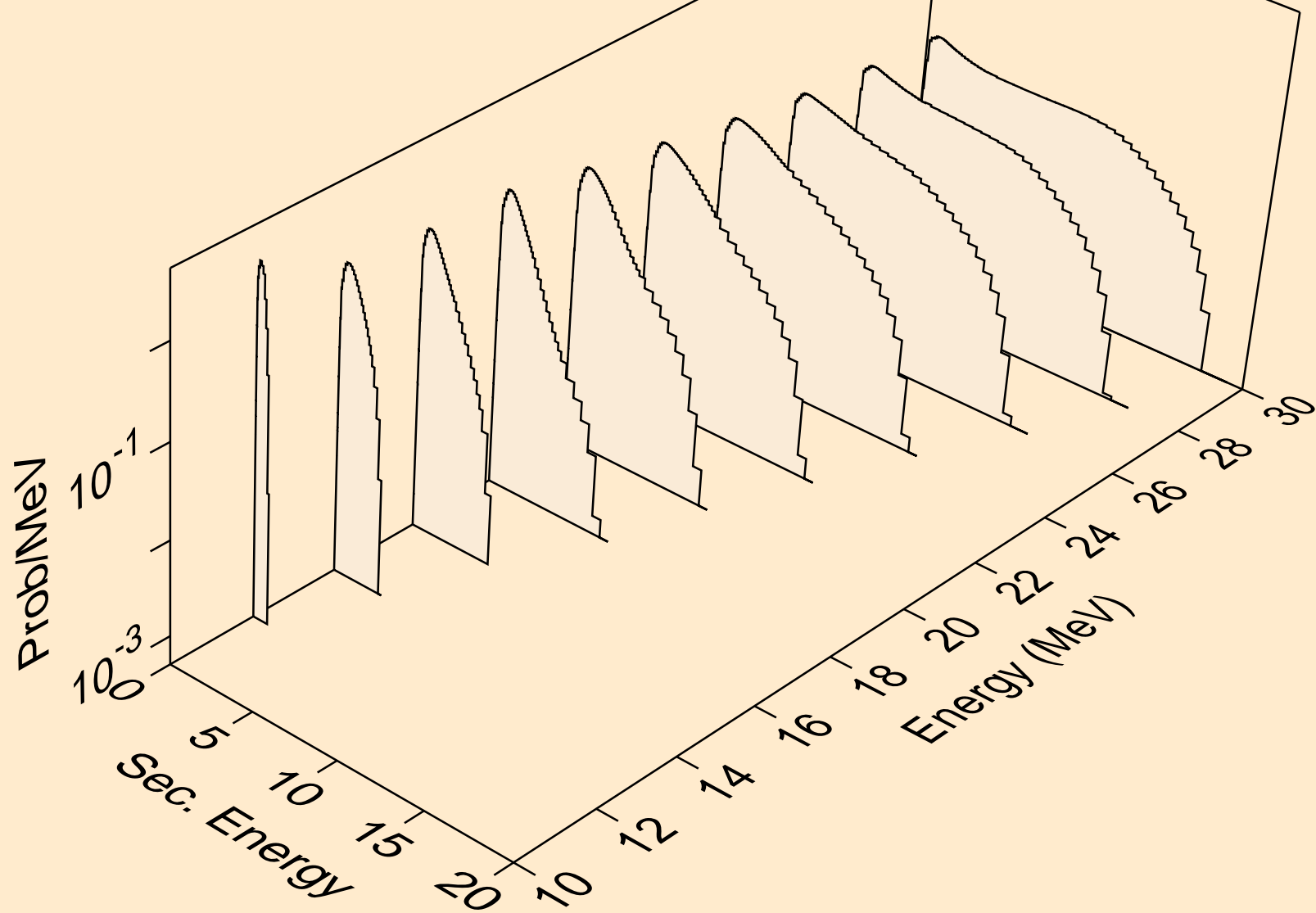
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



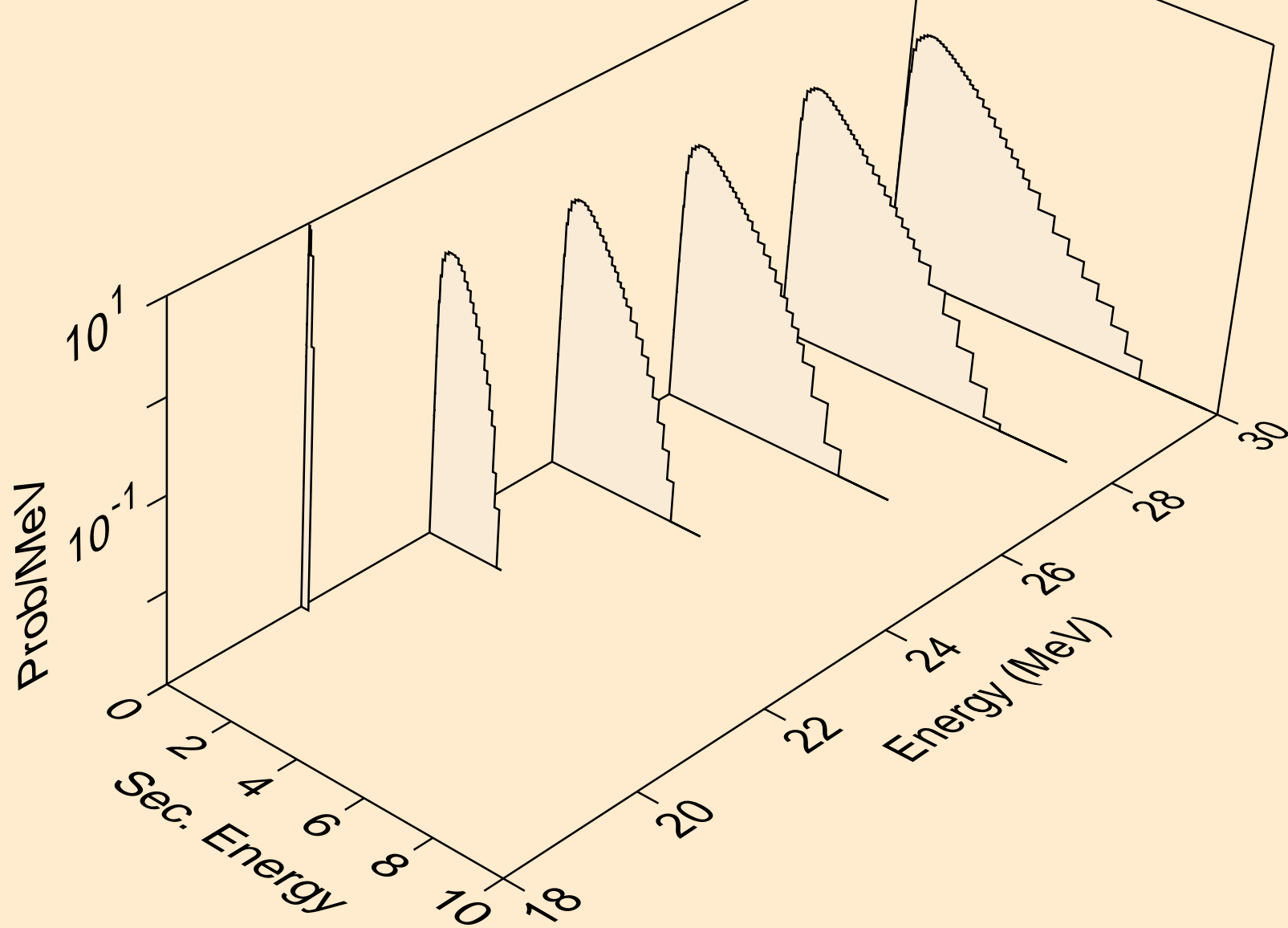
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



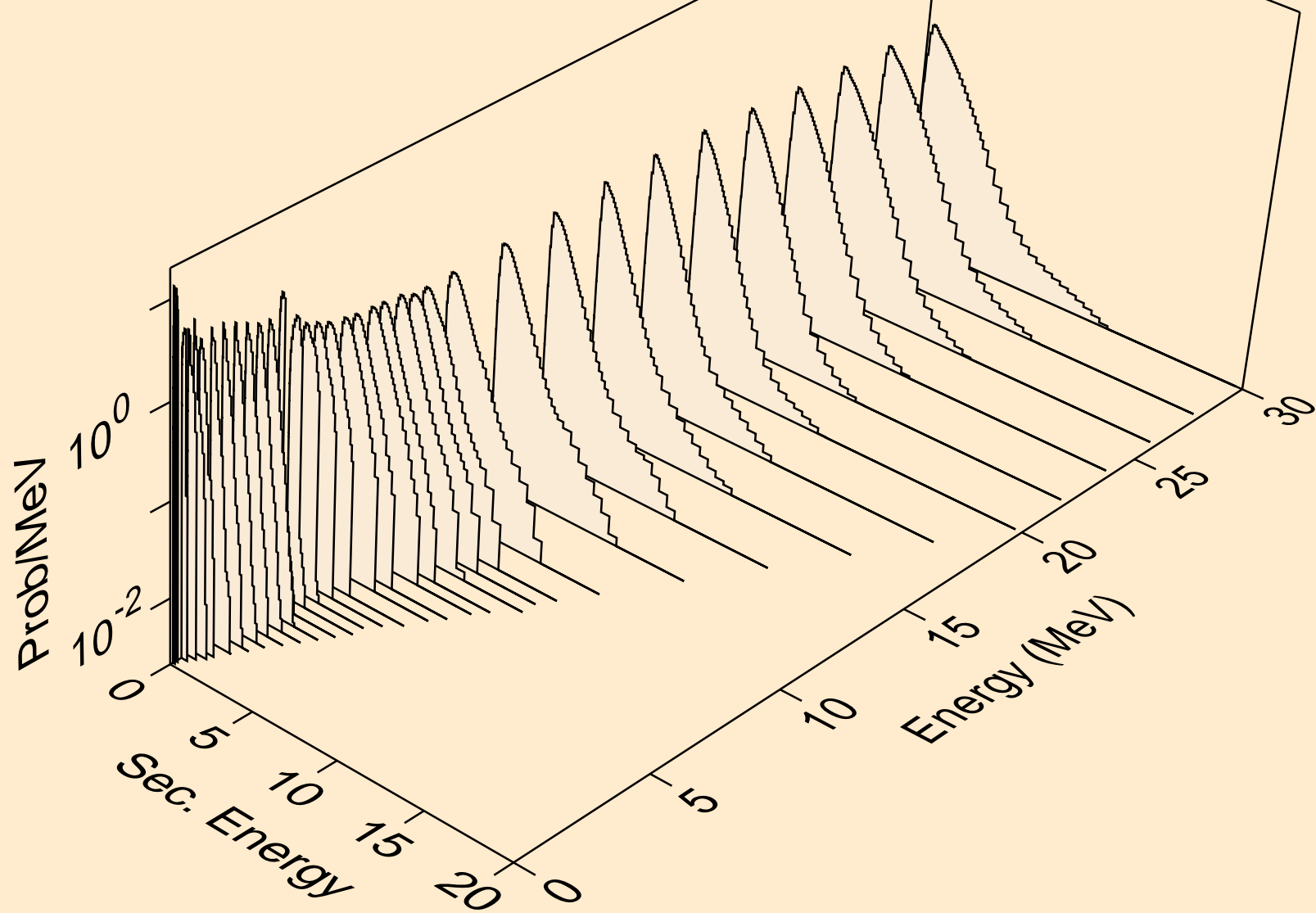
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Neutron emission for (n,2n)



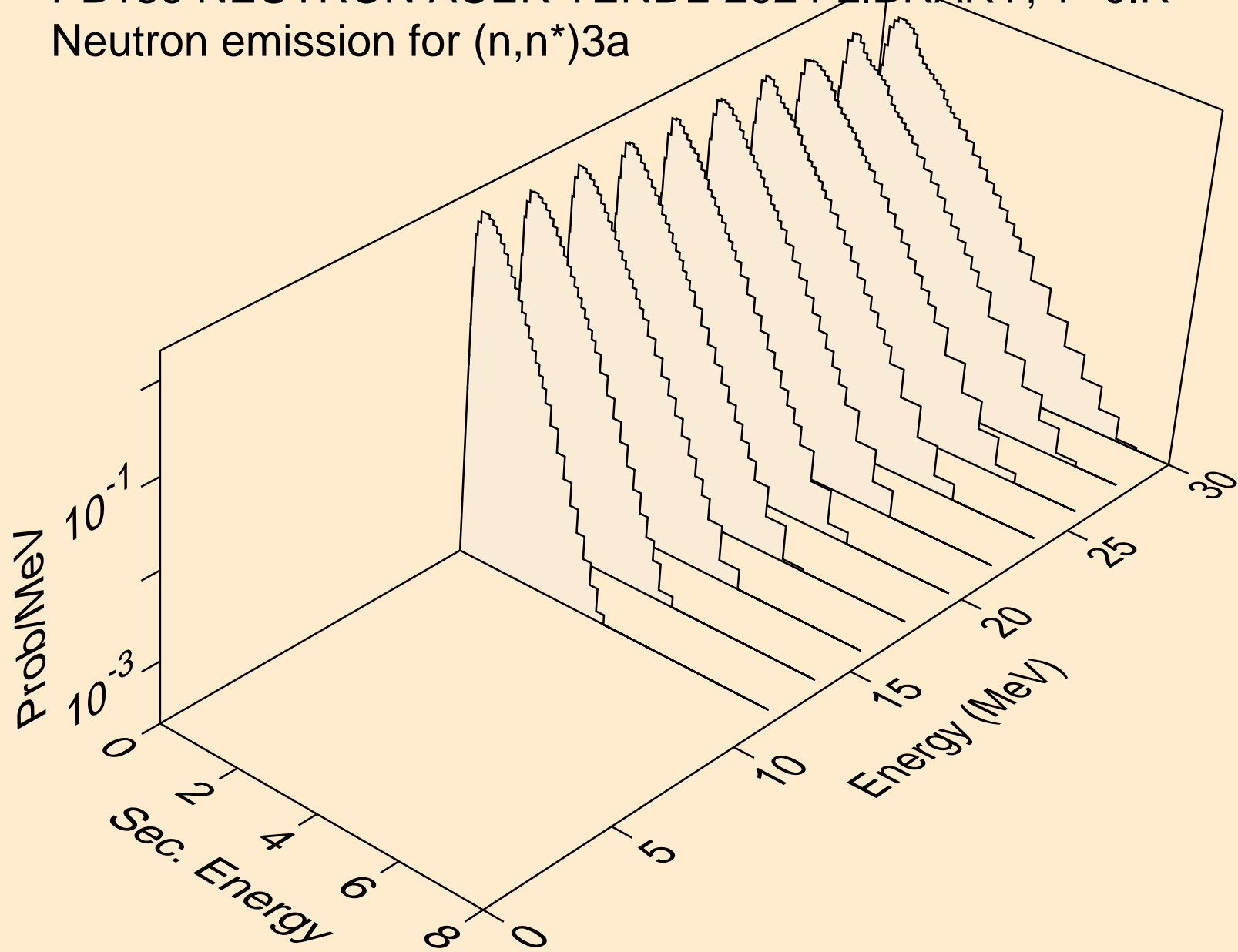
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Neutron emission for (n,3n)



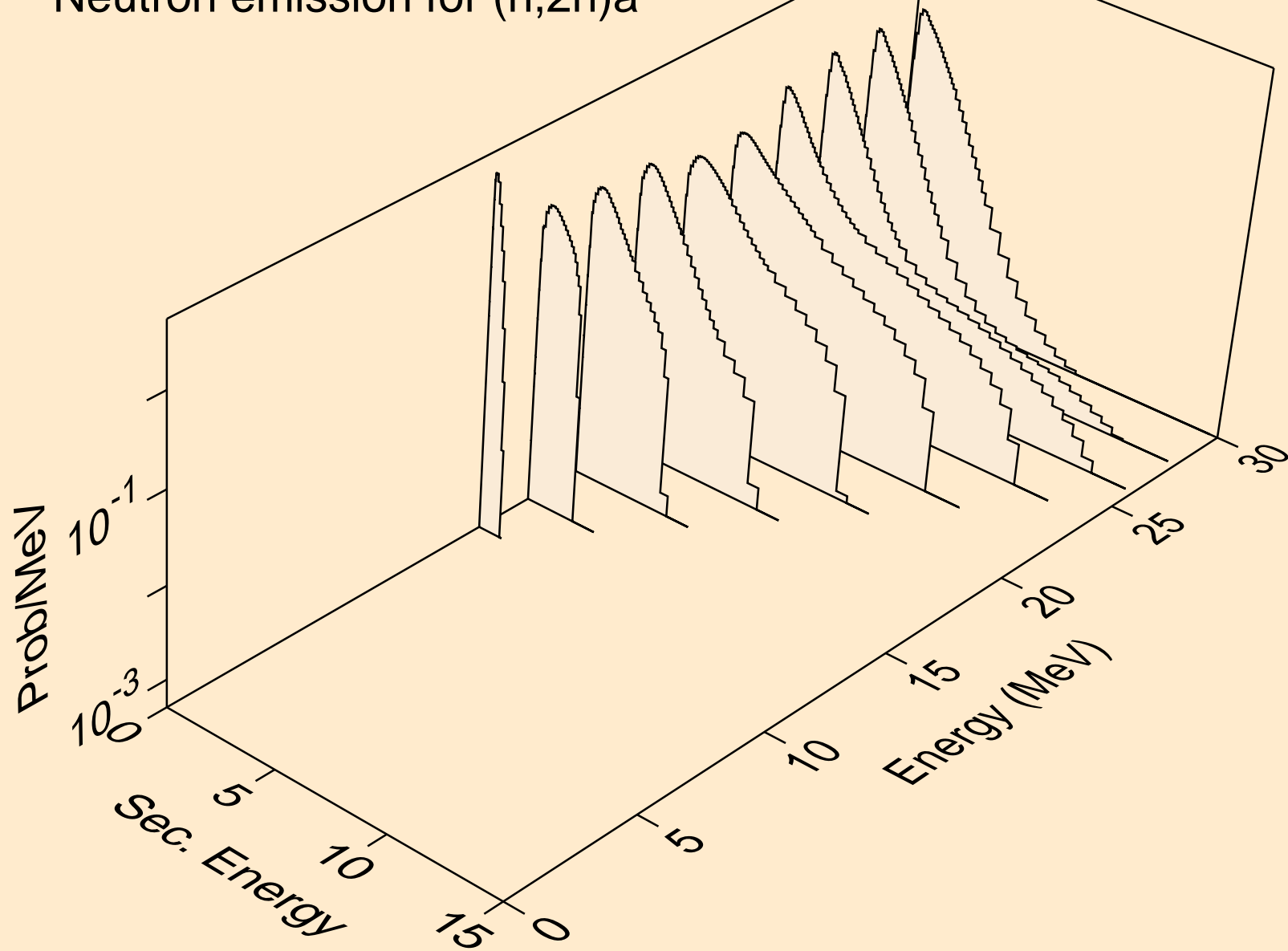
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)3a

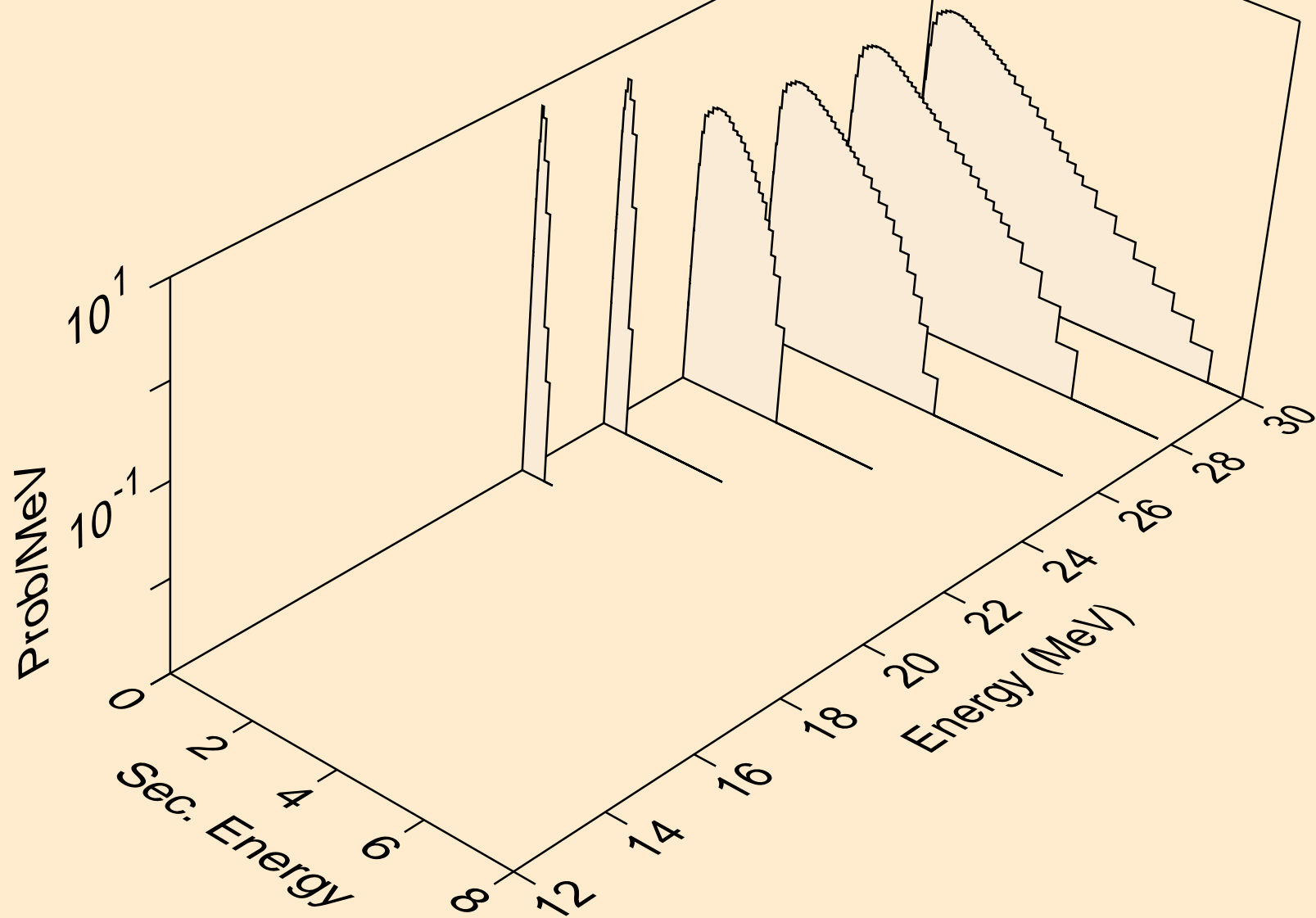


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

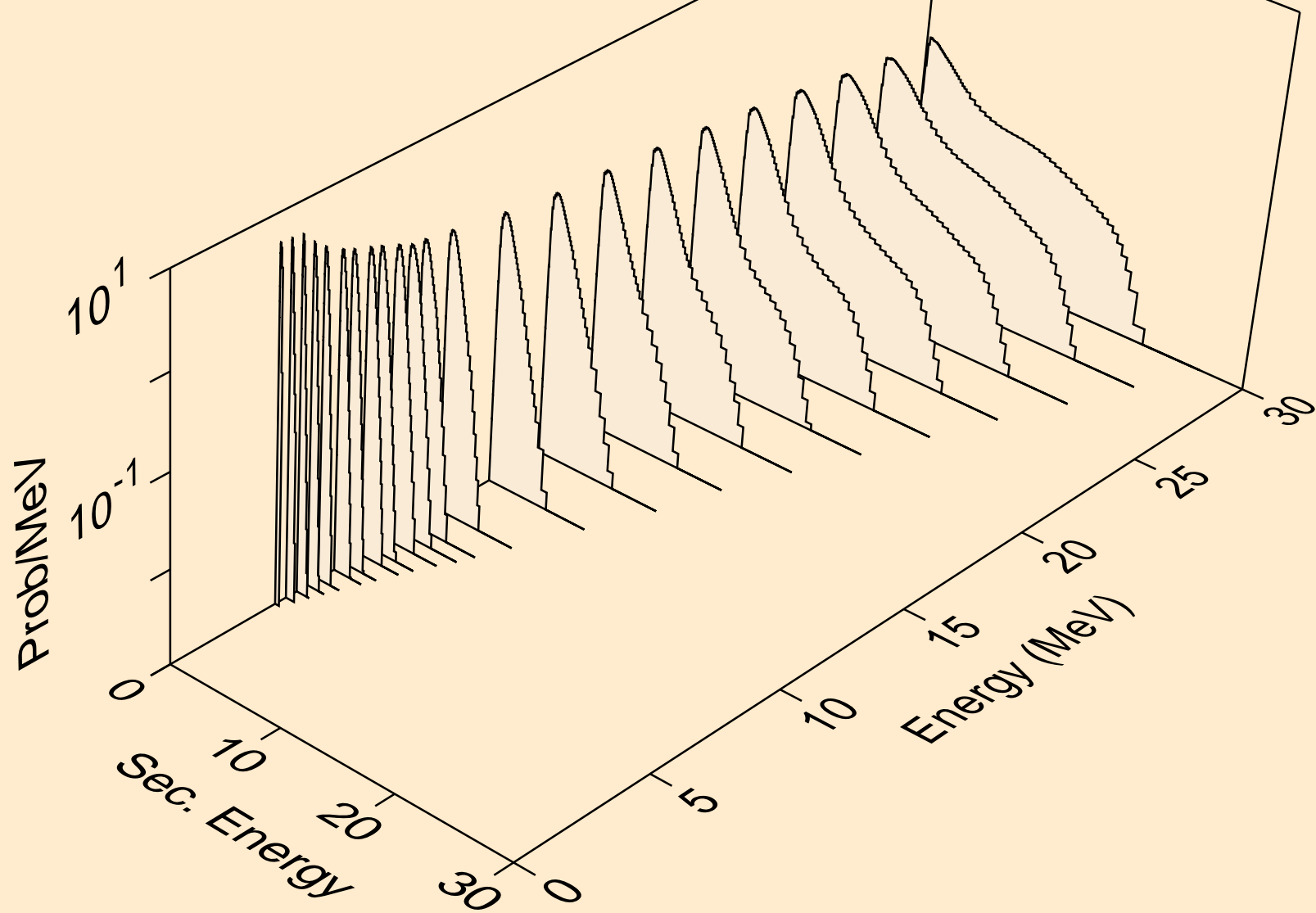




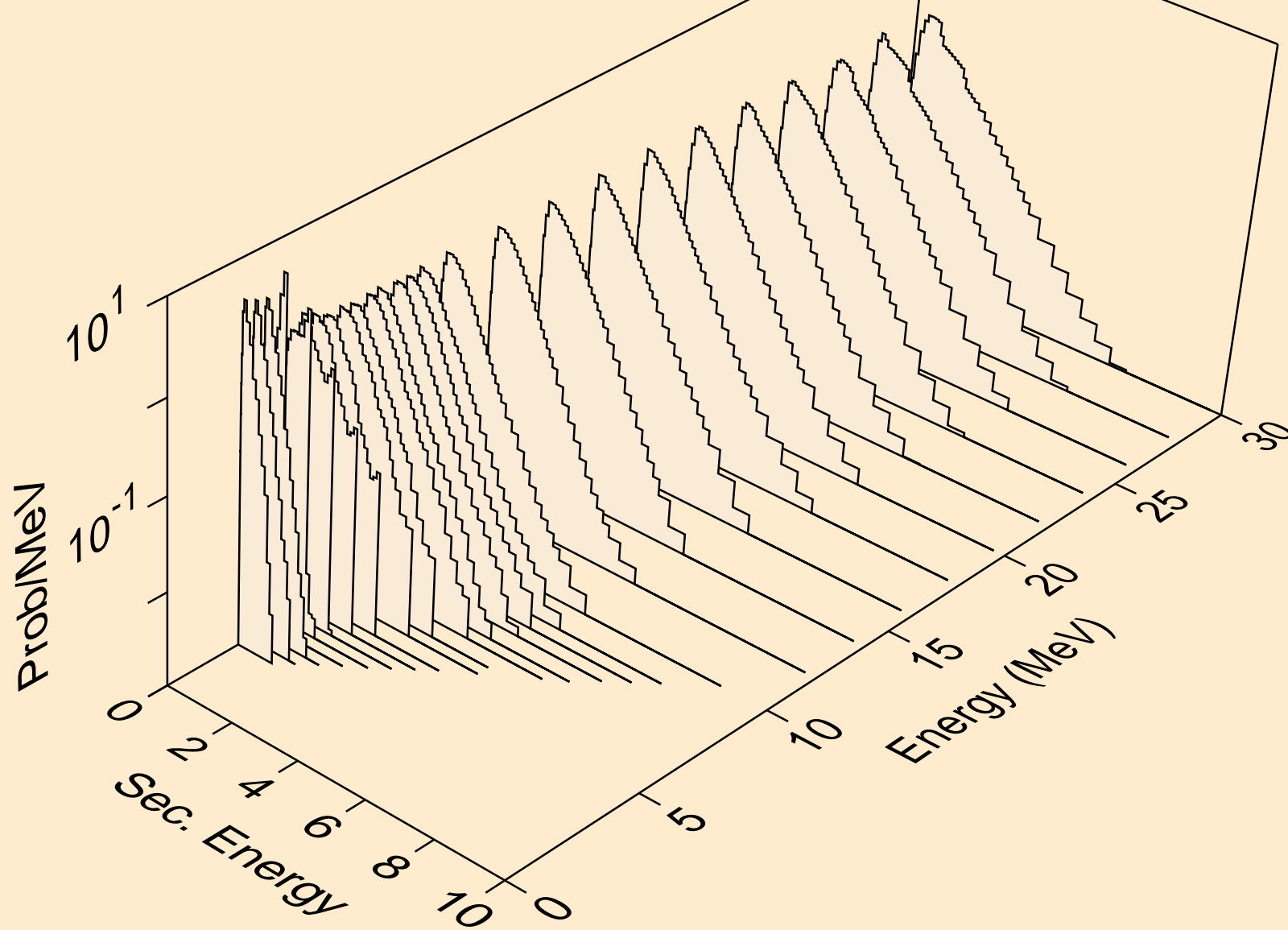
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



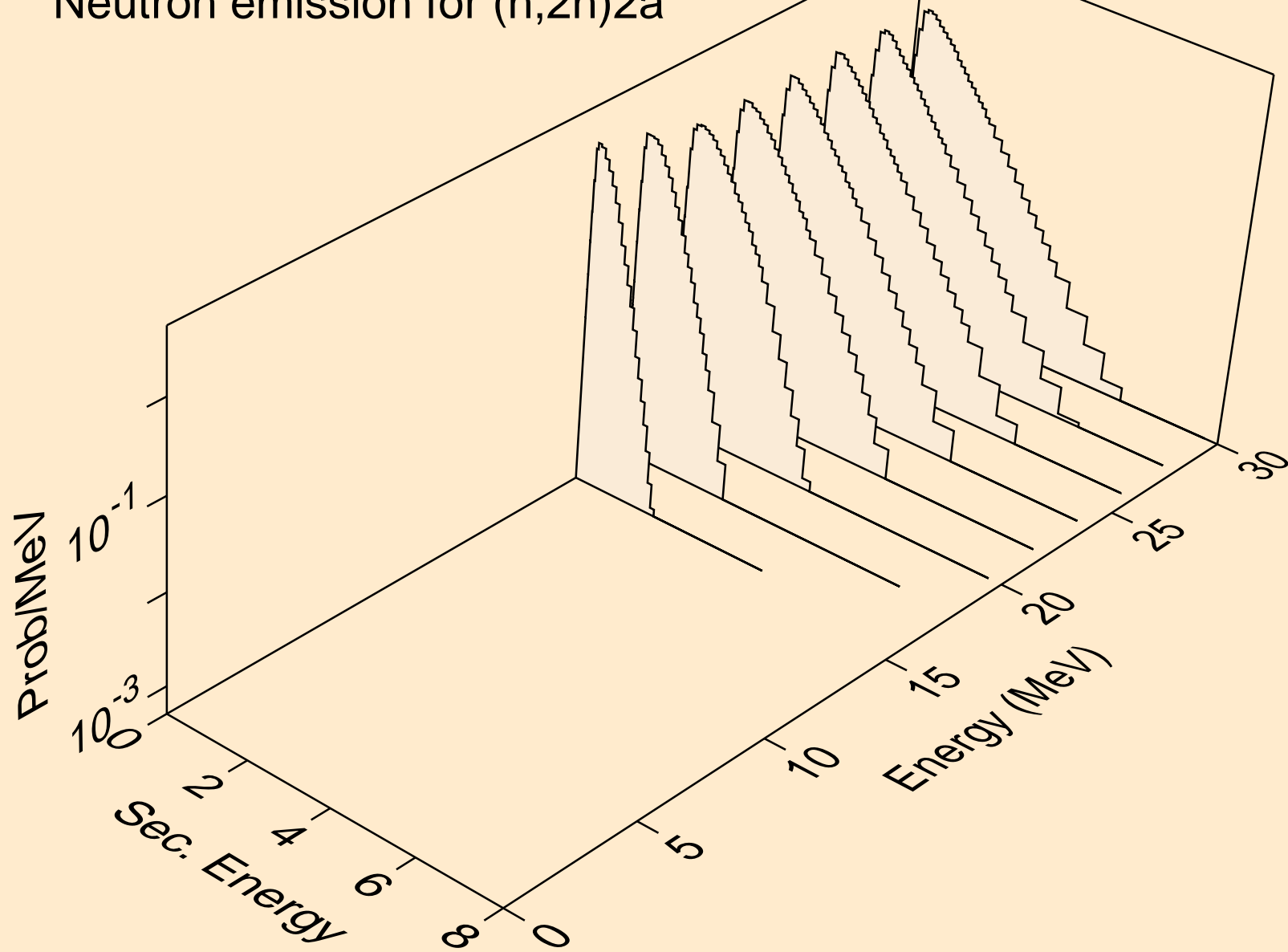
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



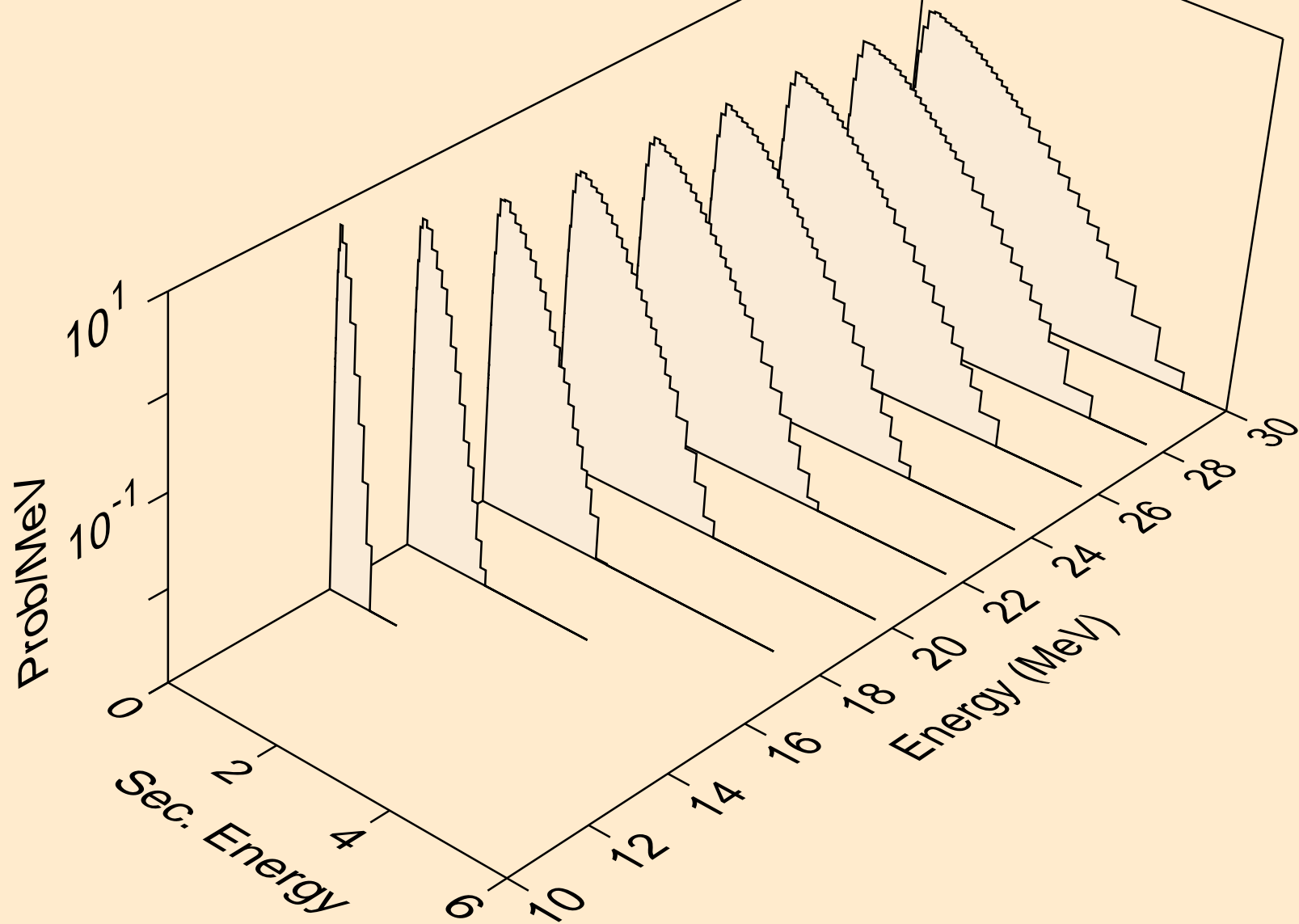
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Neutron emission for (n,n\*)2a



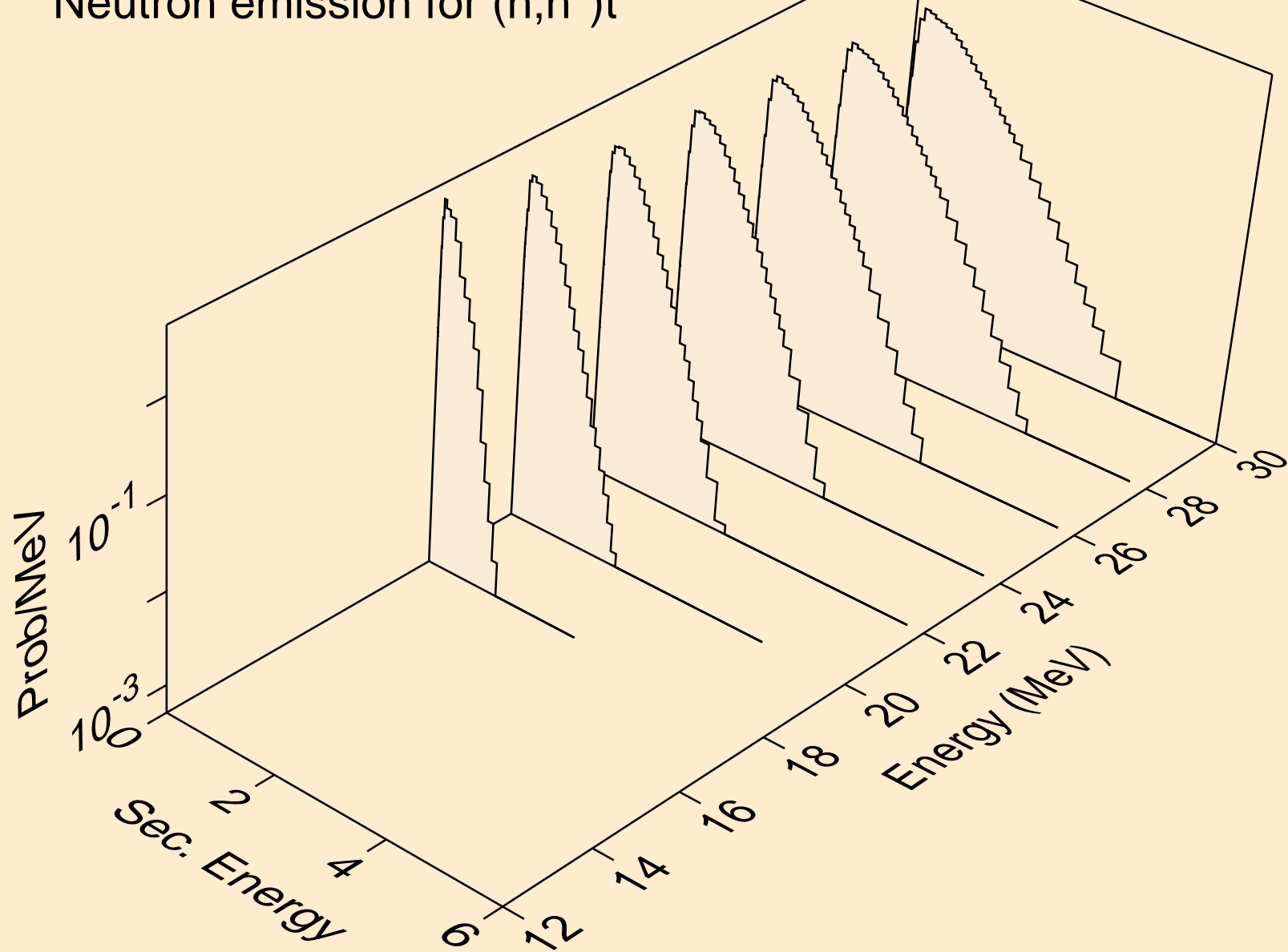
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



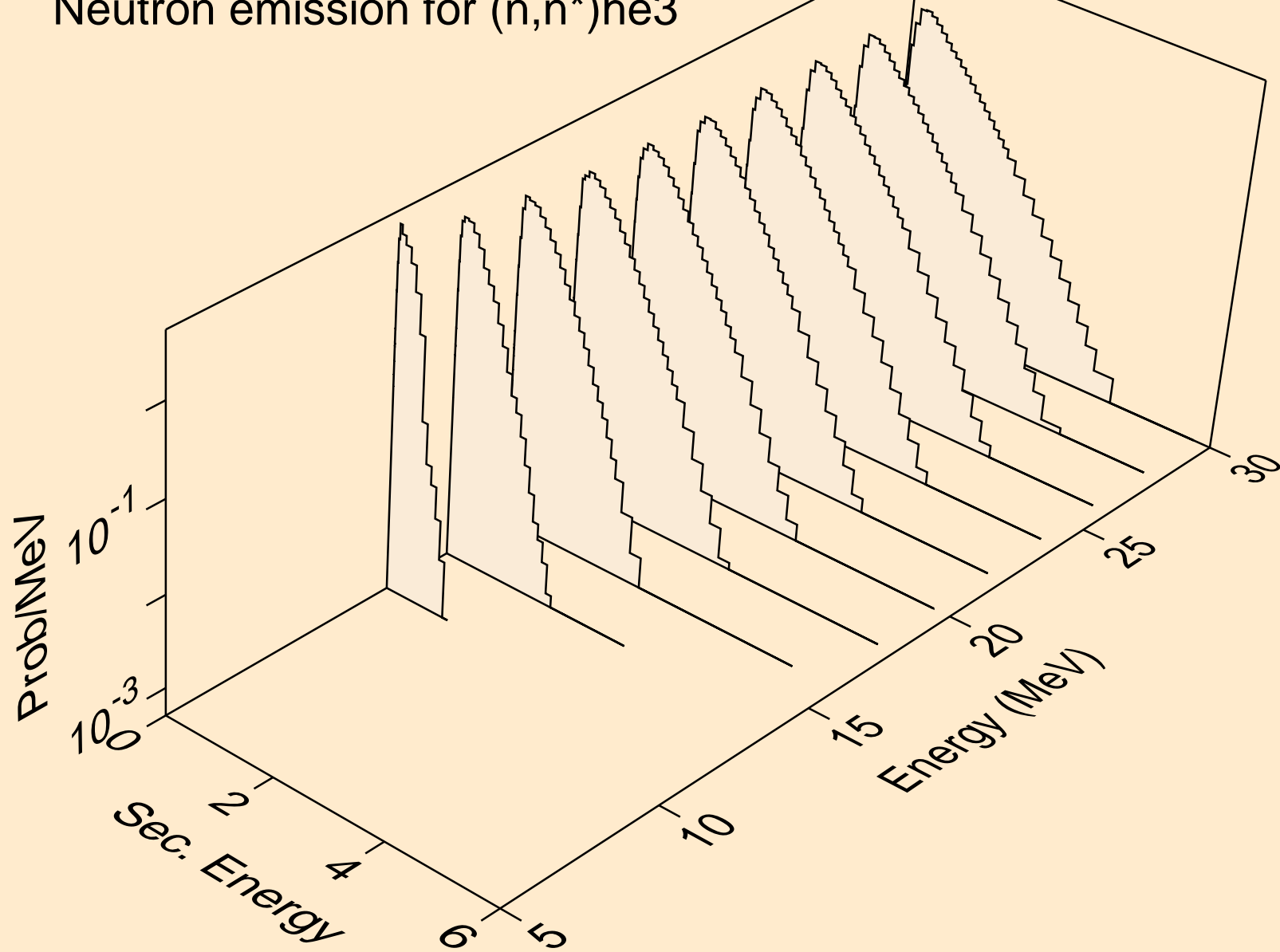
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



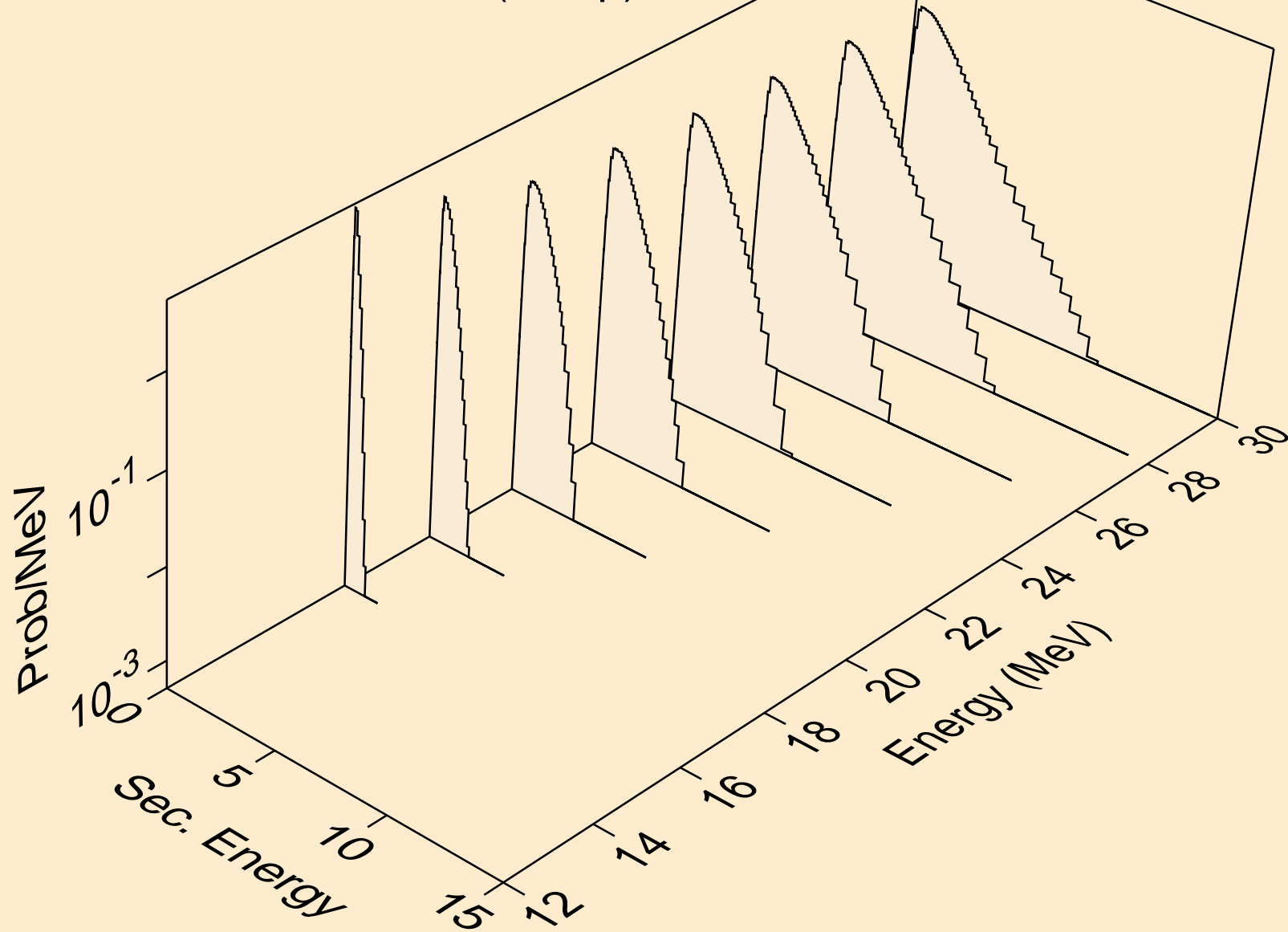
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

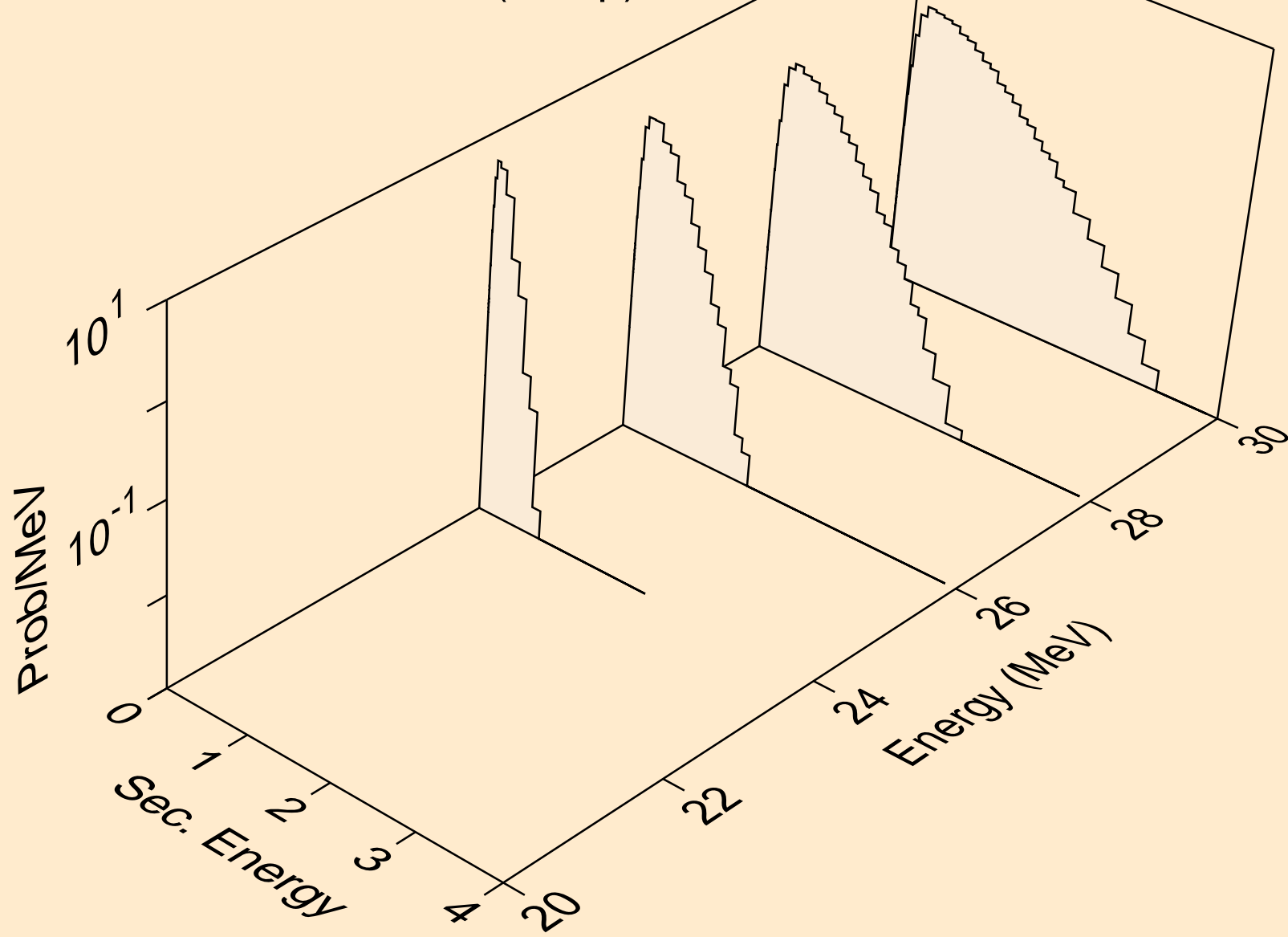


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

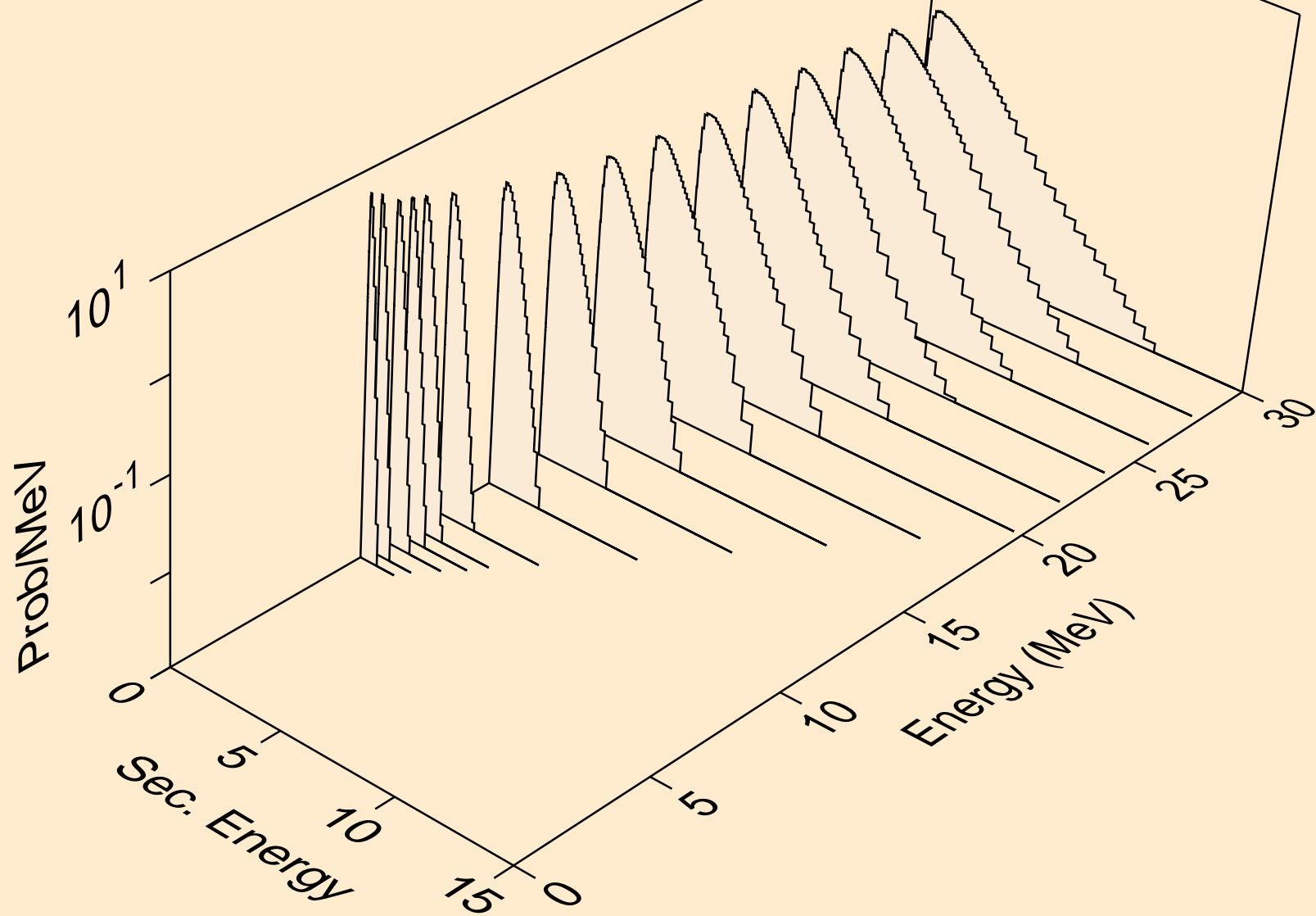




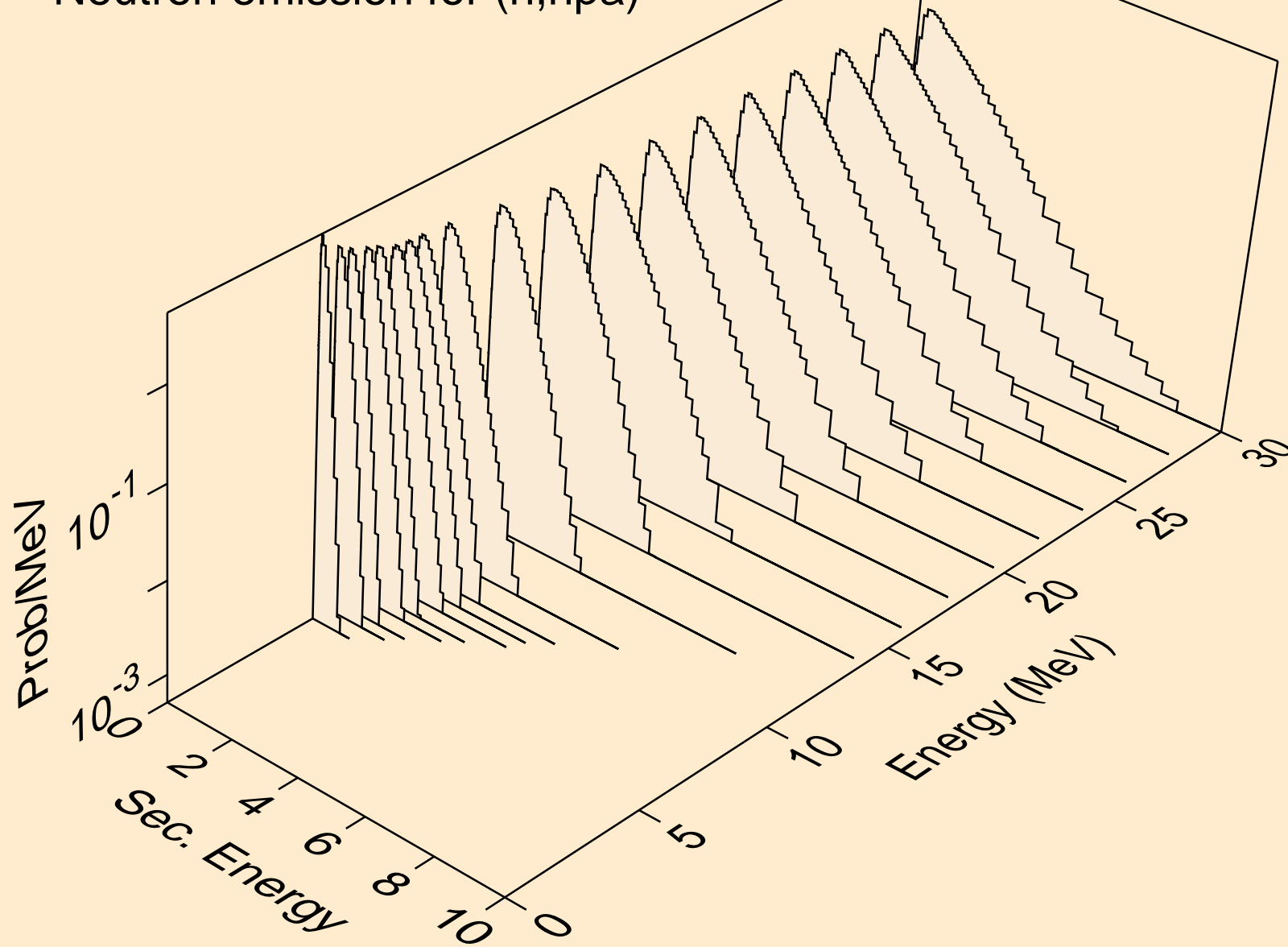
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



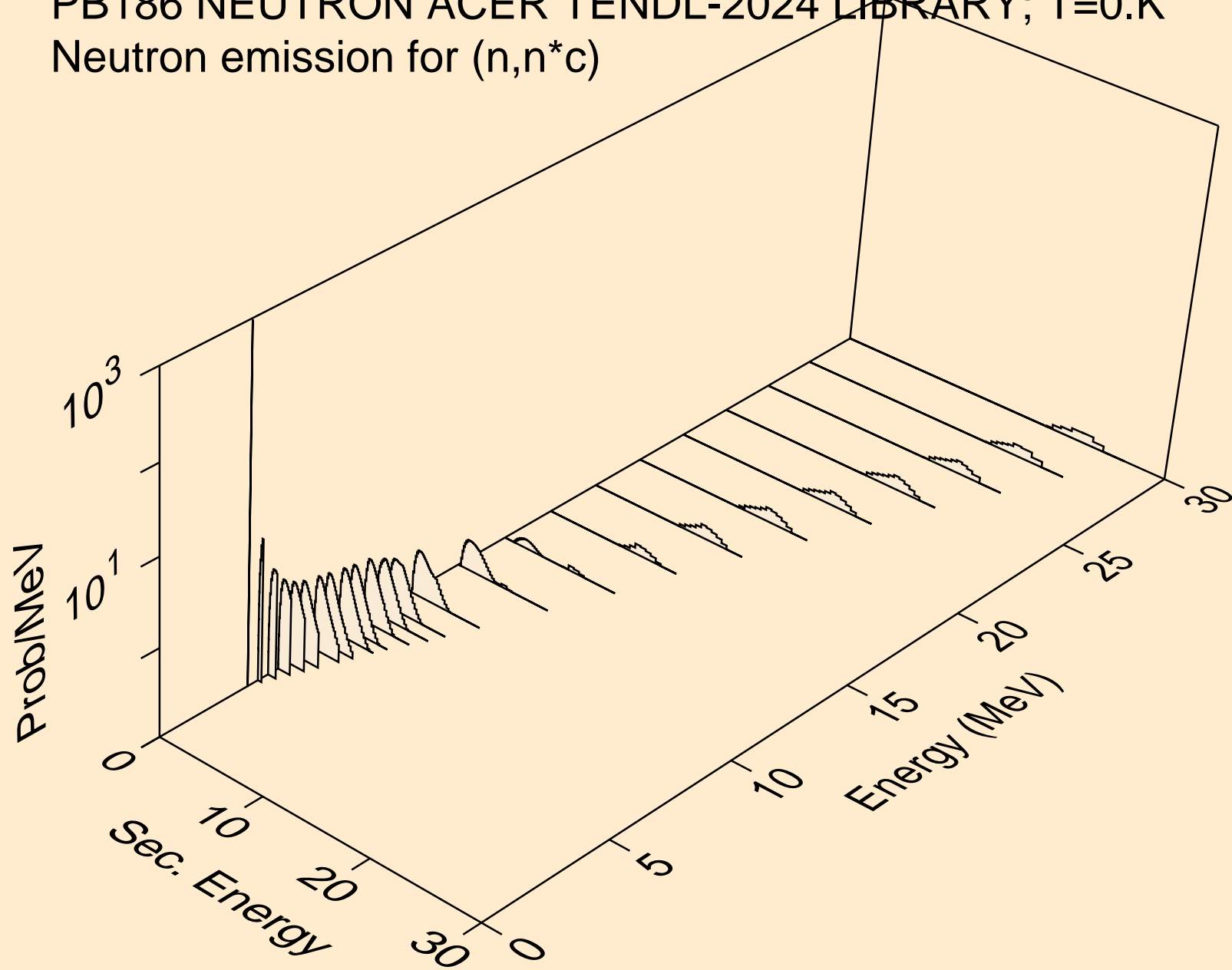
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



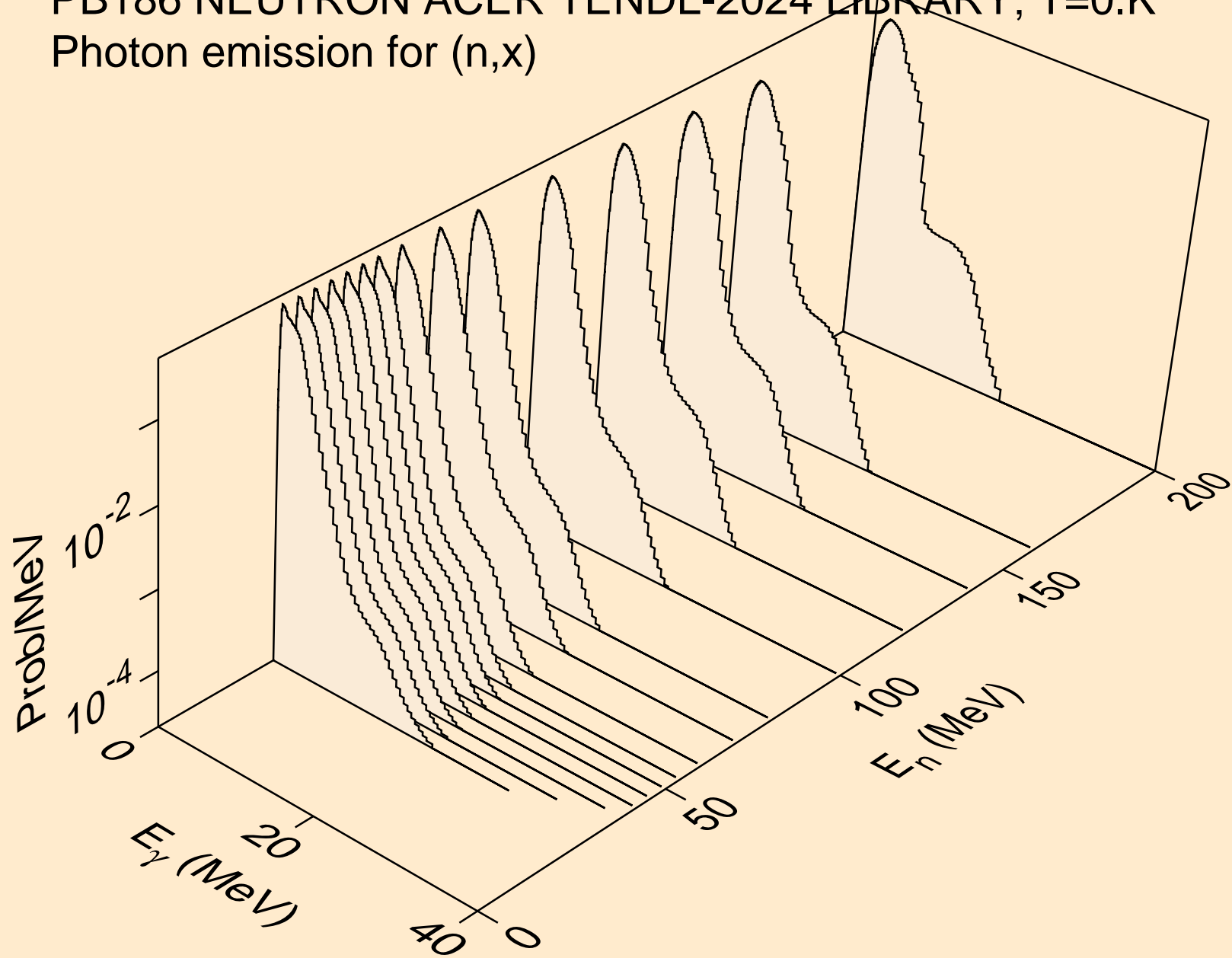
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Neutron emission for (n,npa)



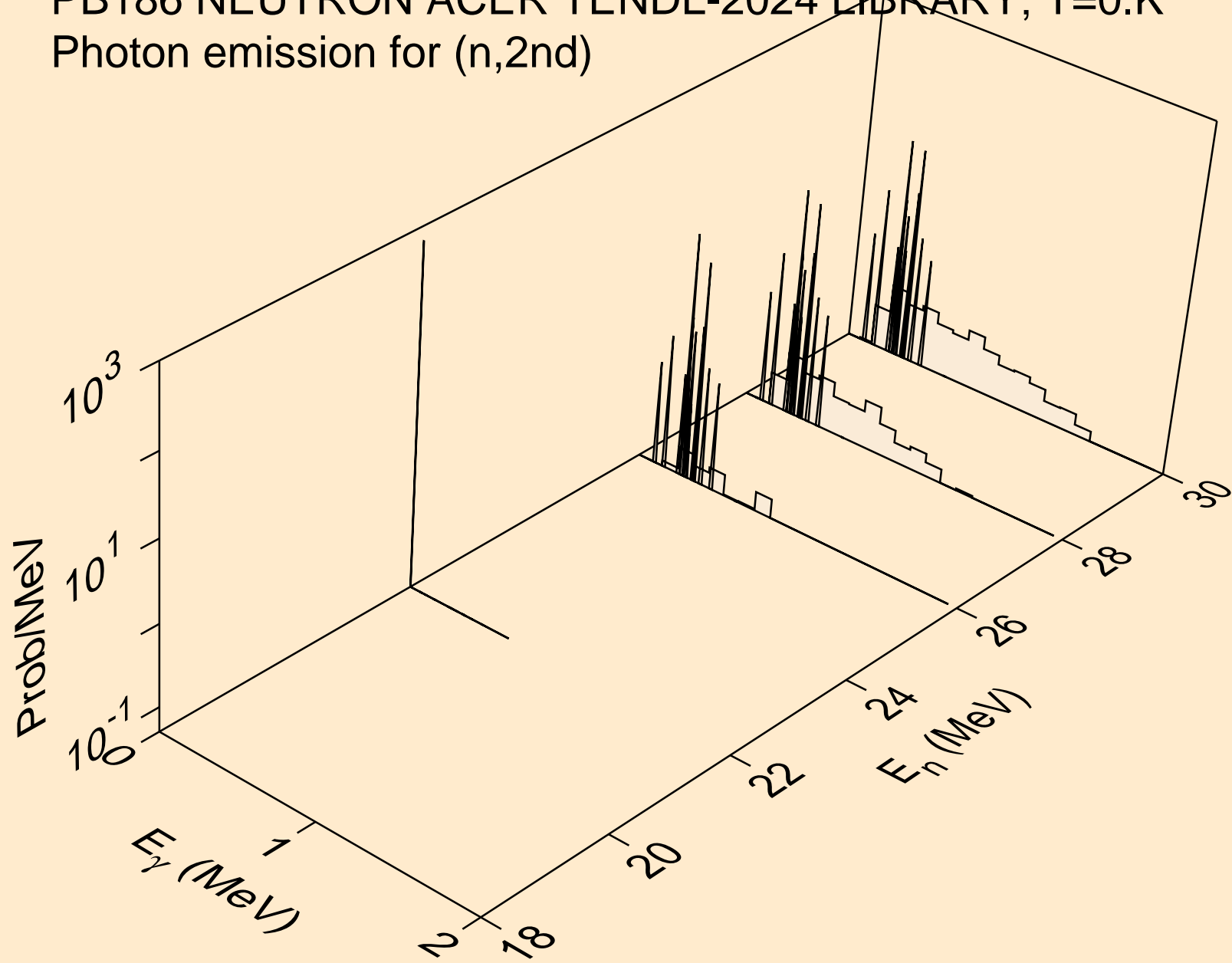
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Neutron emission for (n,n\*c)



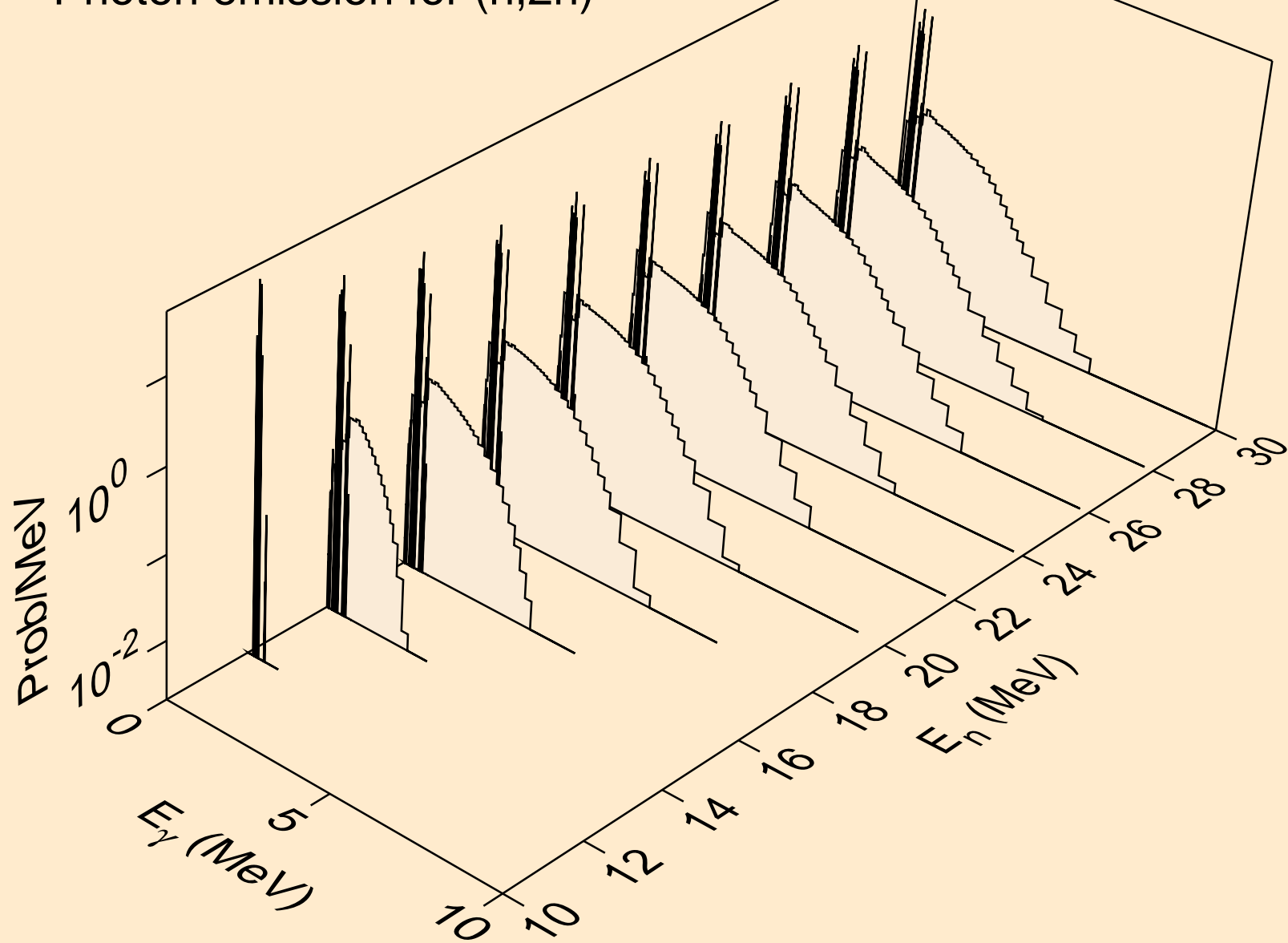
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



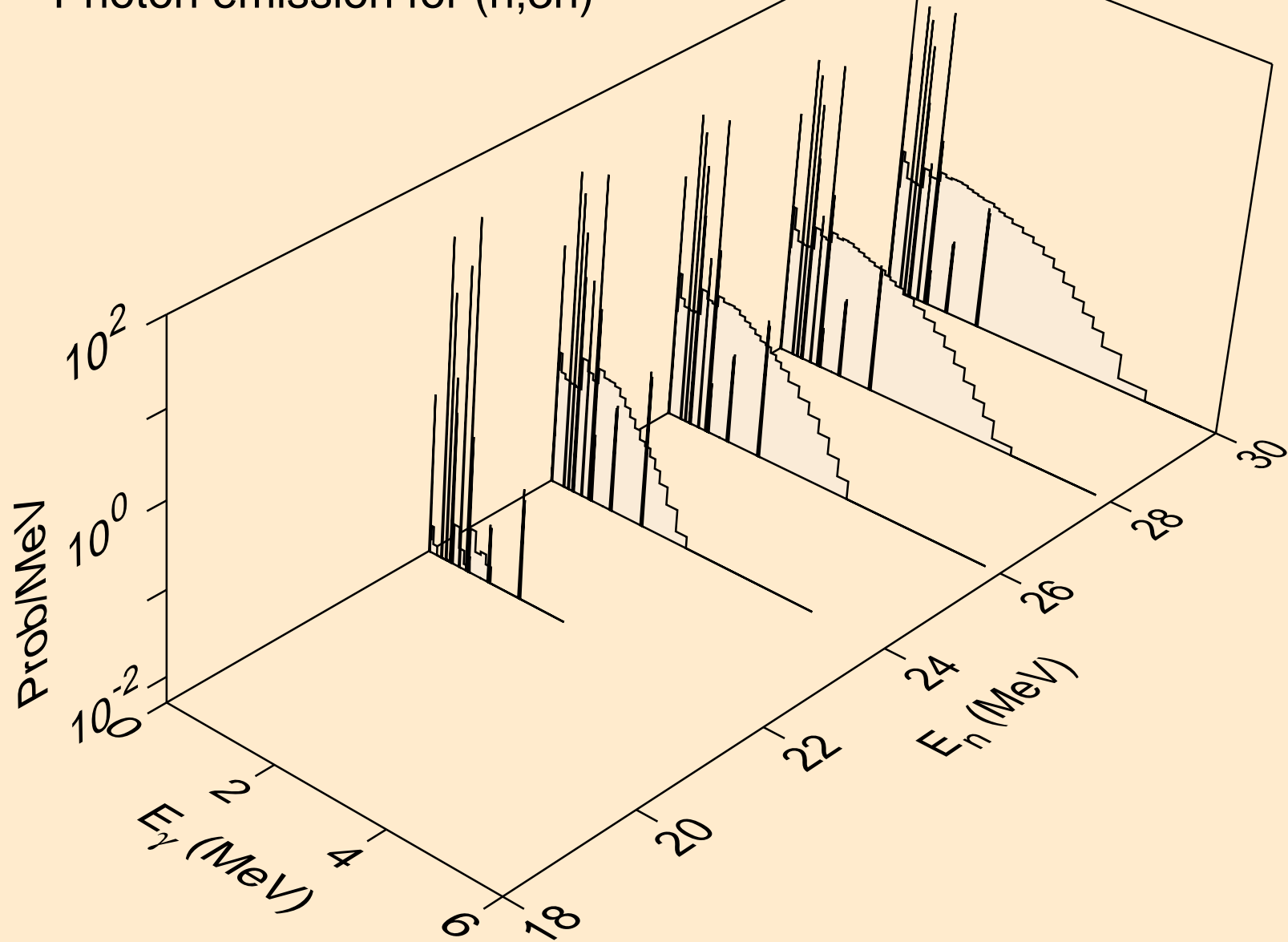
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

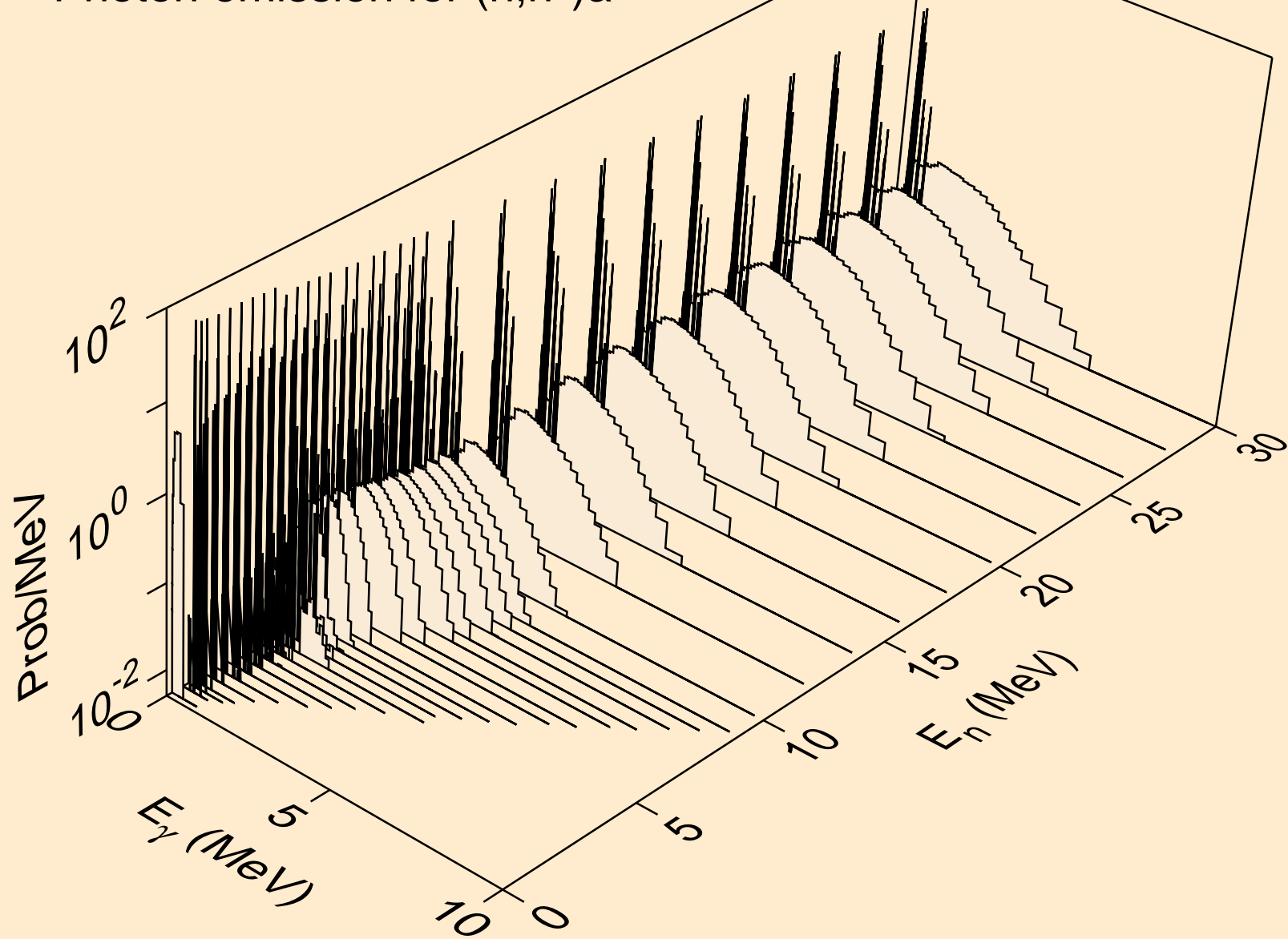


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

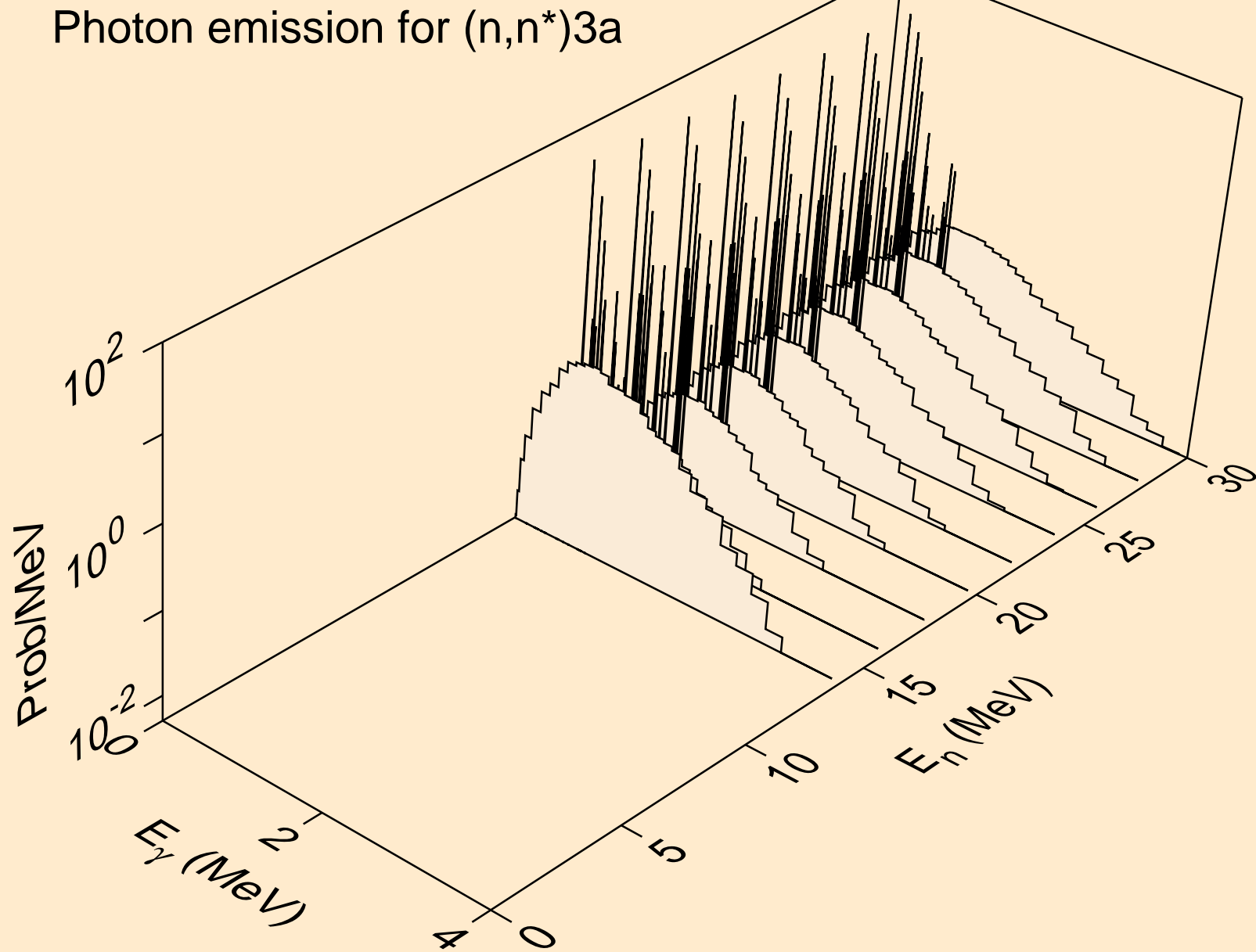




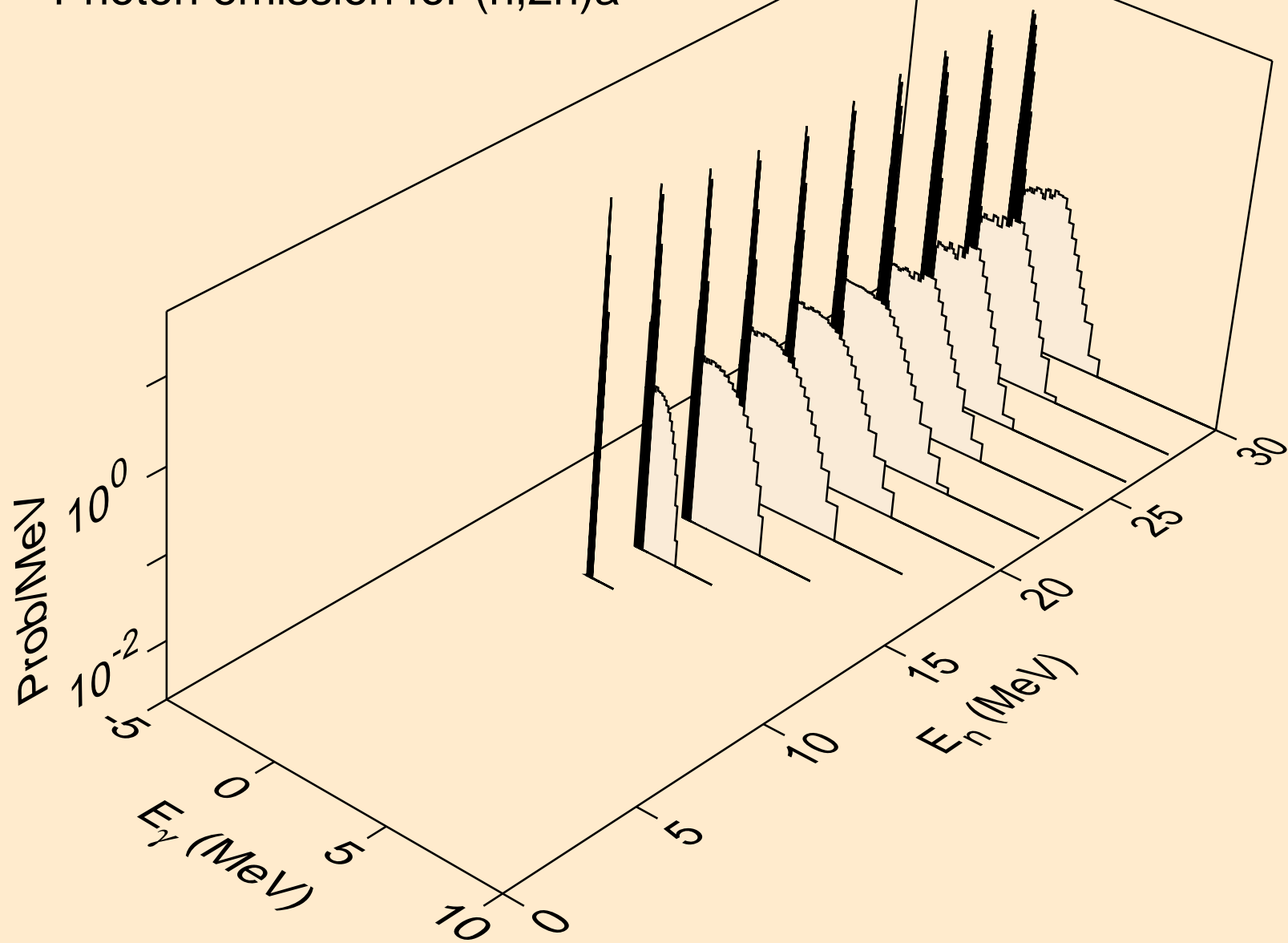
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



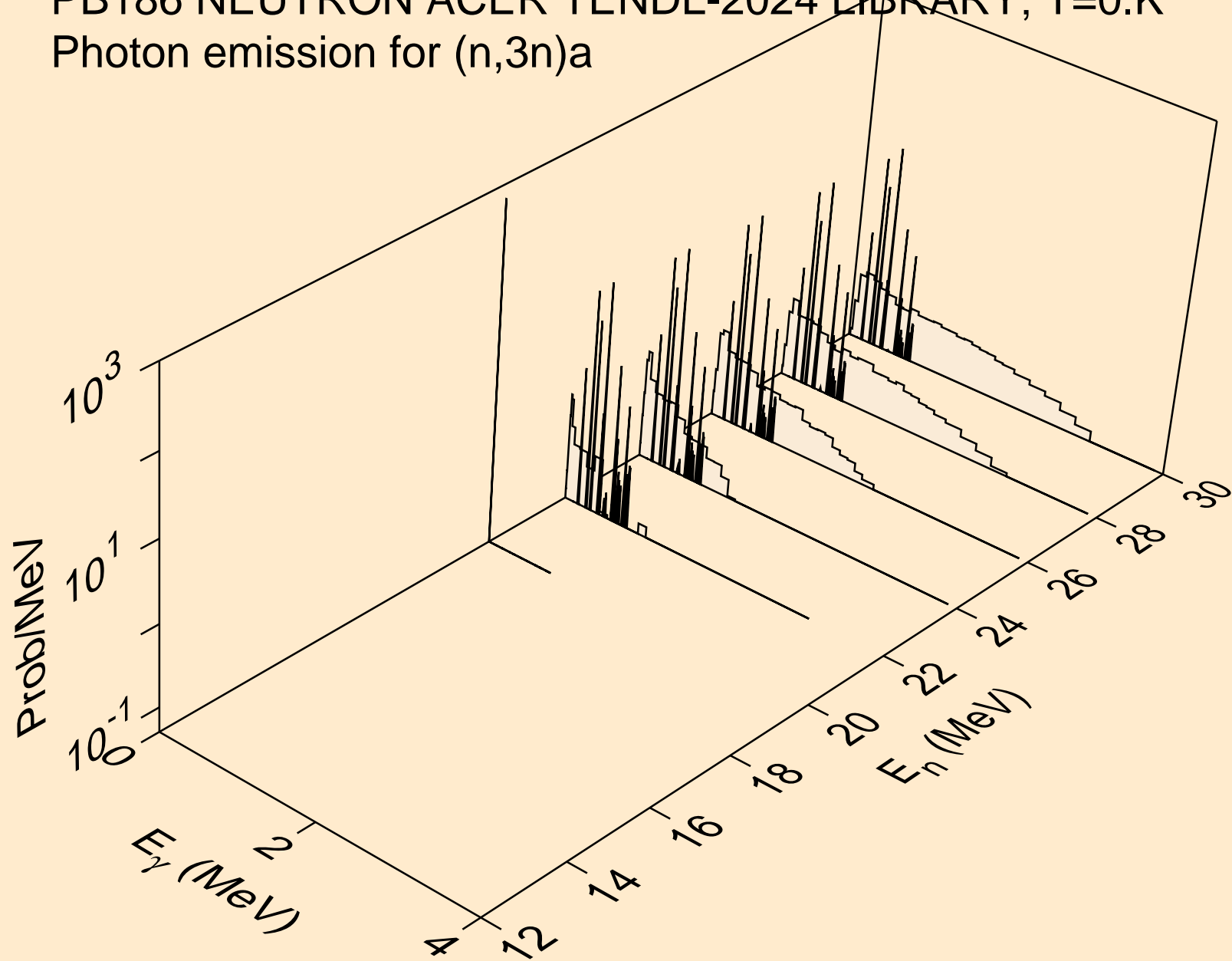
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Photon emission for (n,n\*)3a



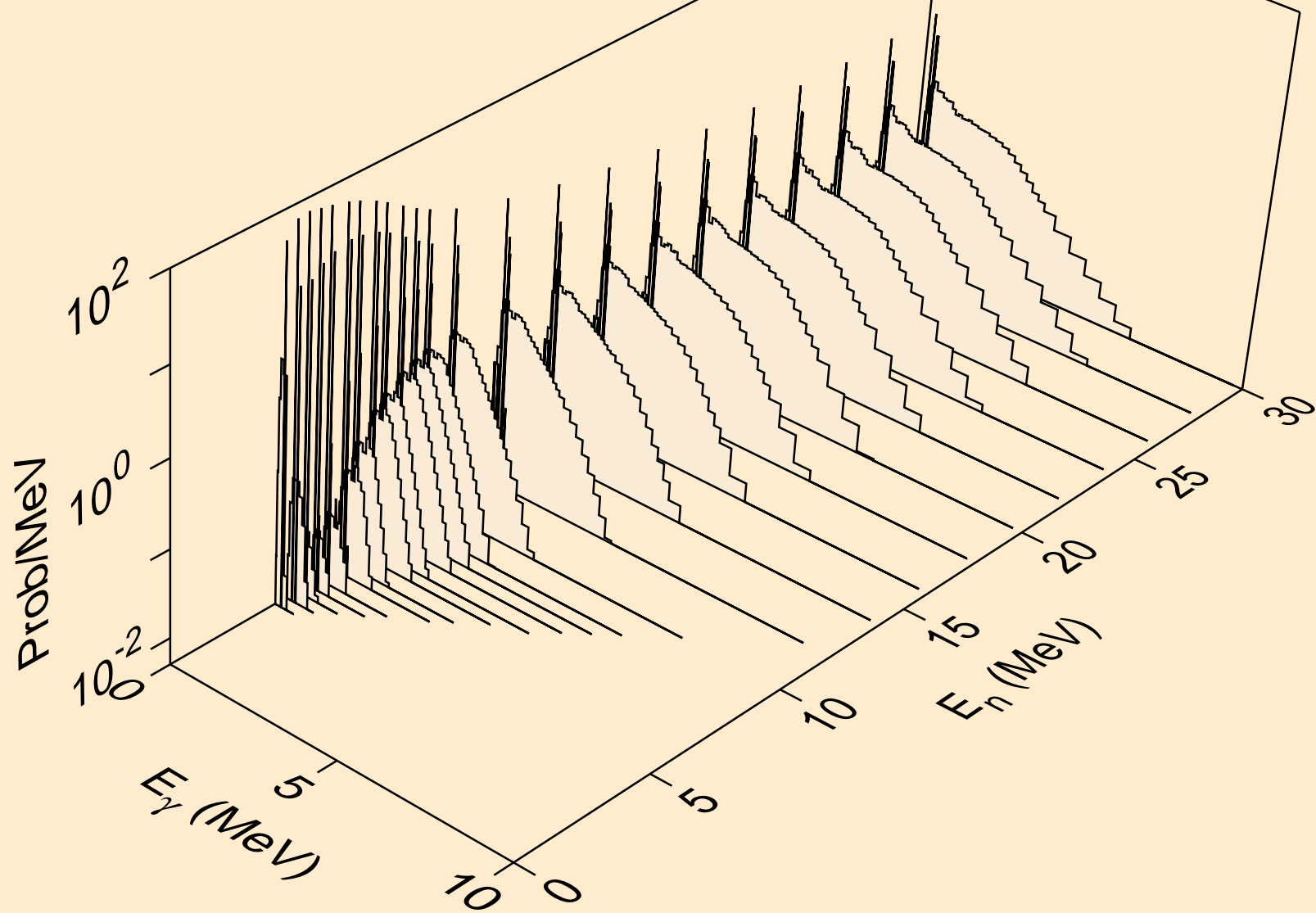
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



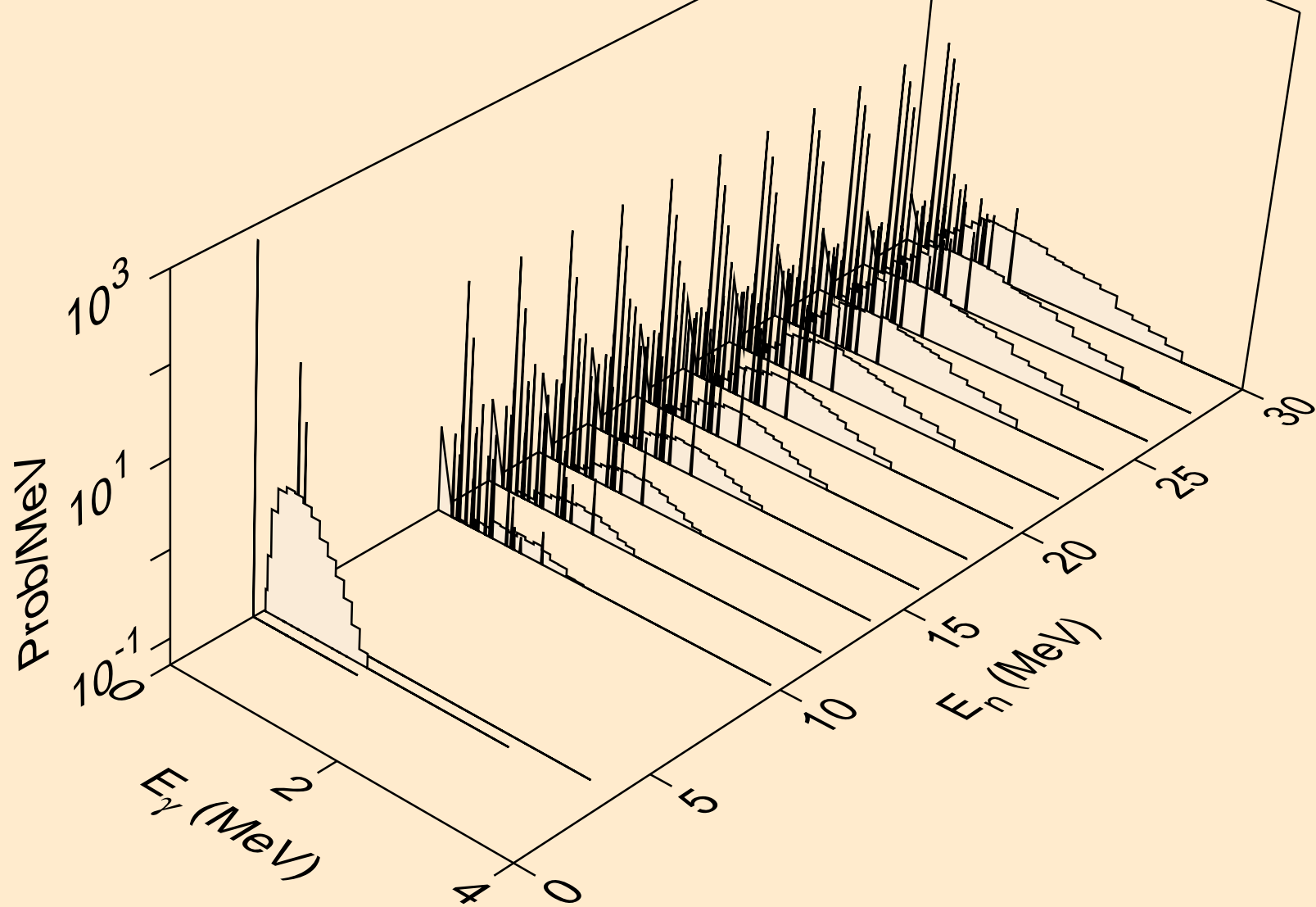
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Photon emission for (n,3n)a



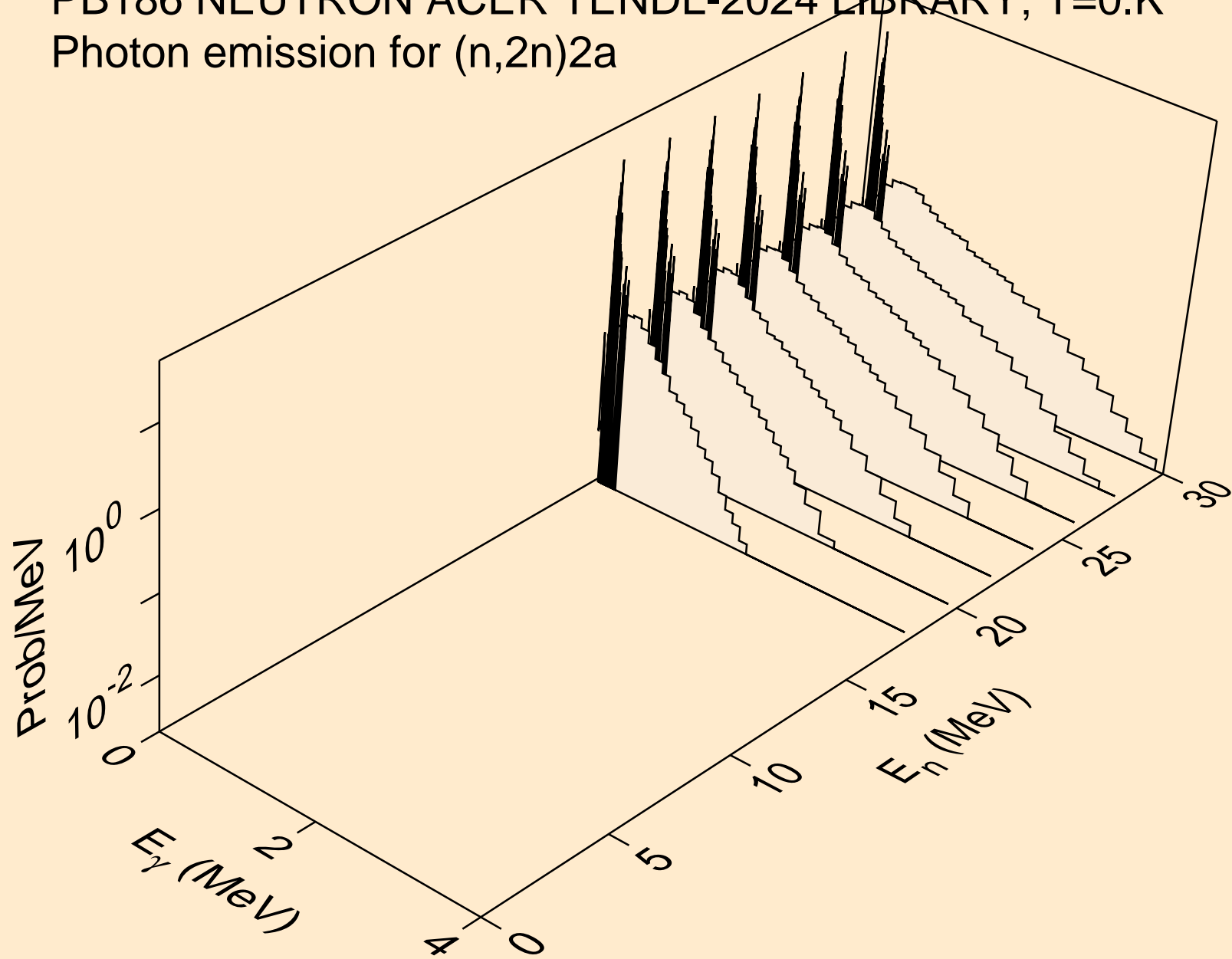
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



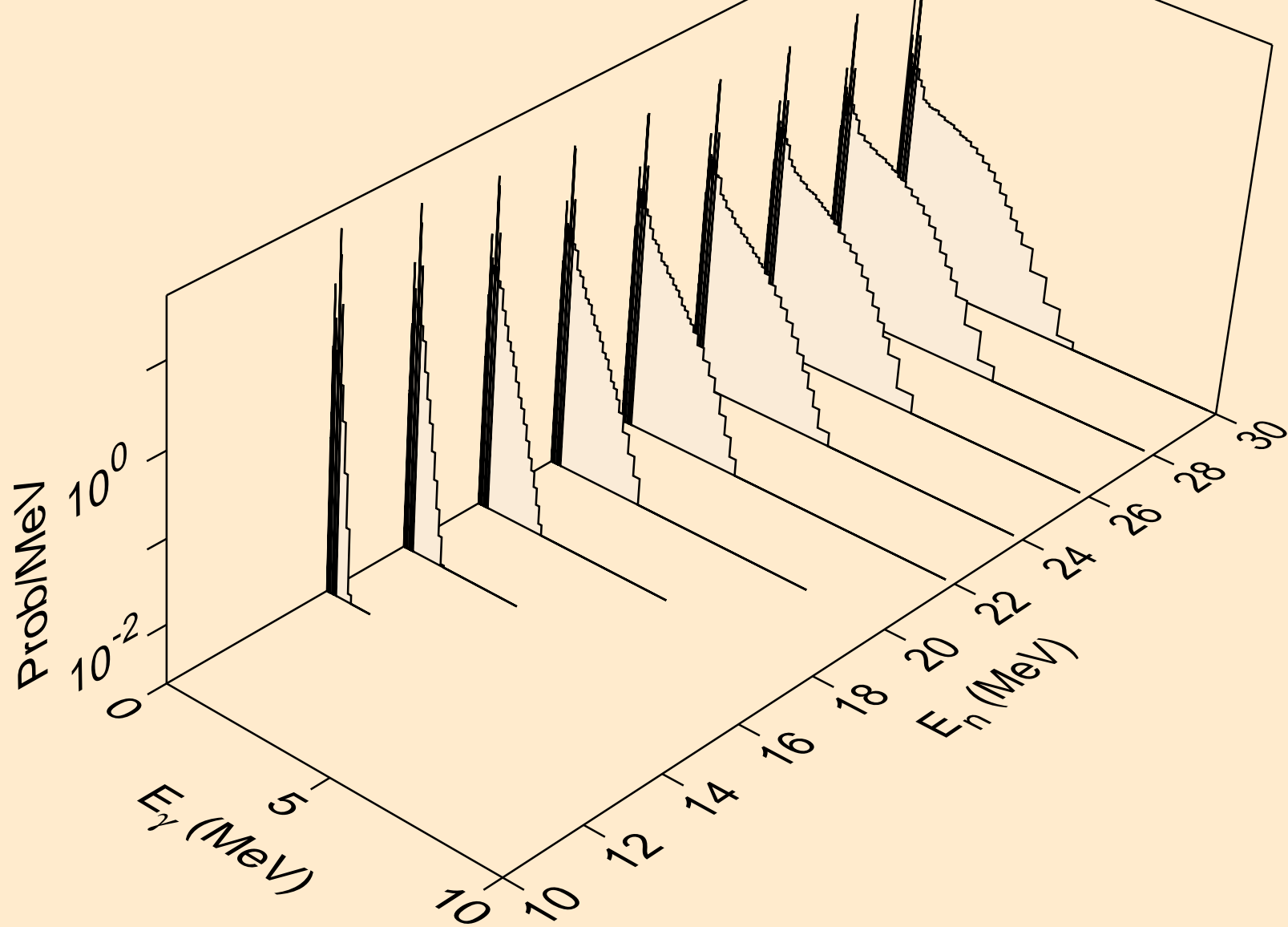
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

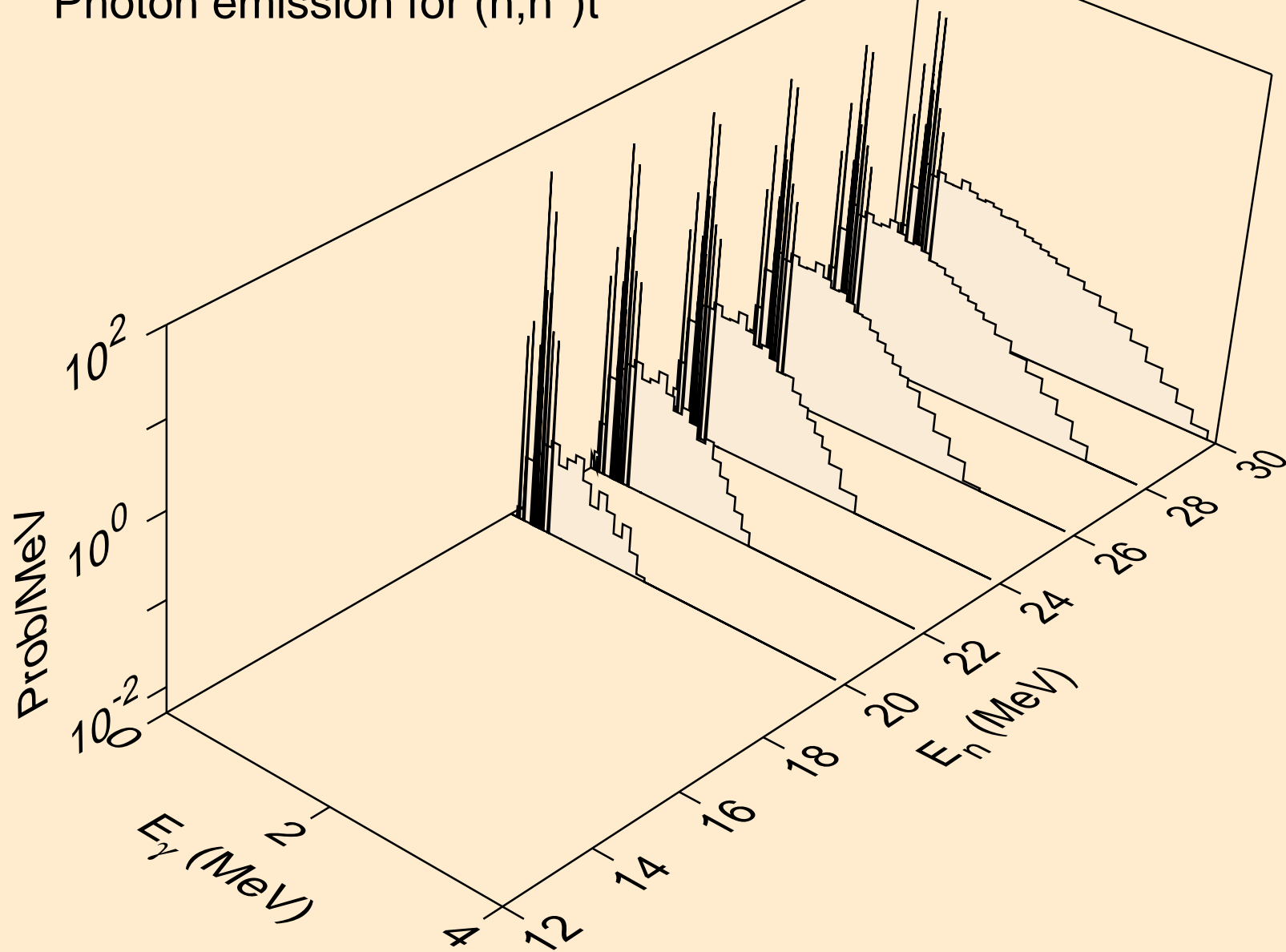


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

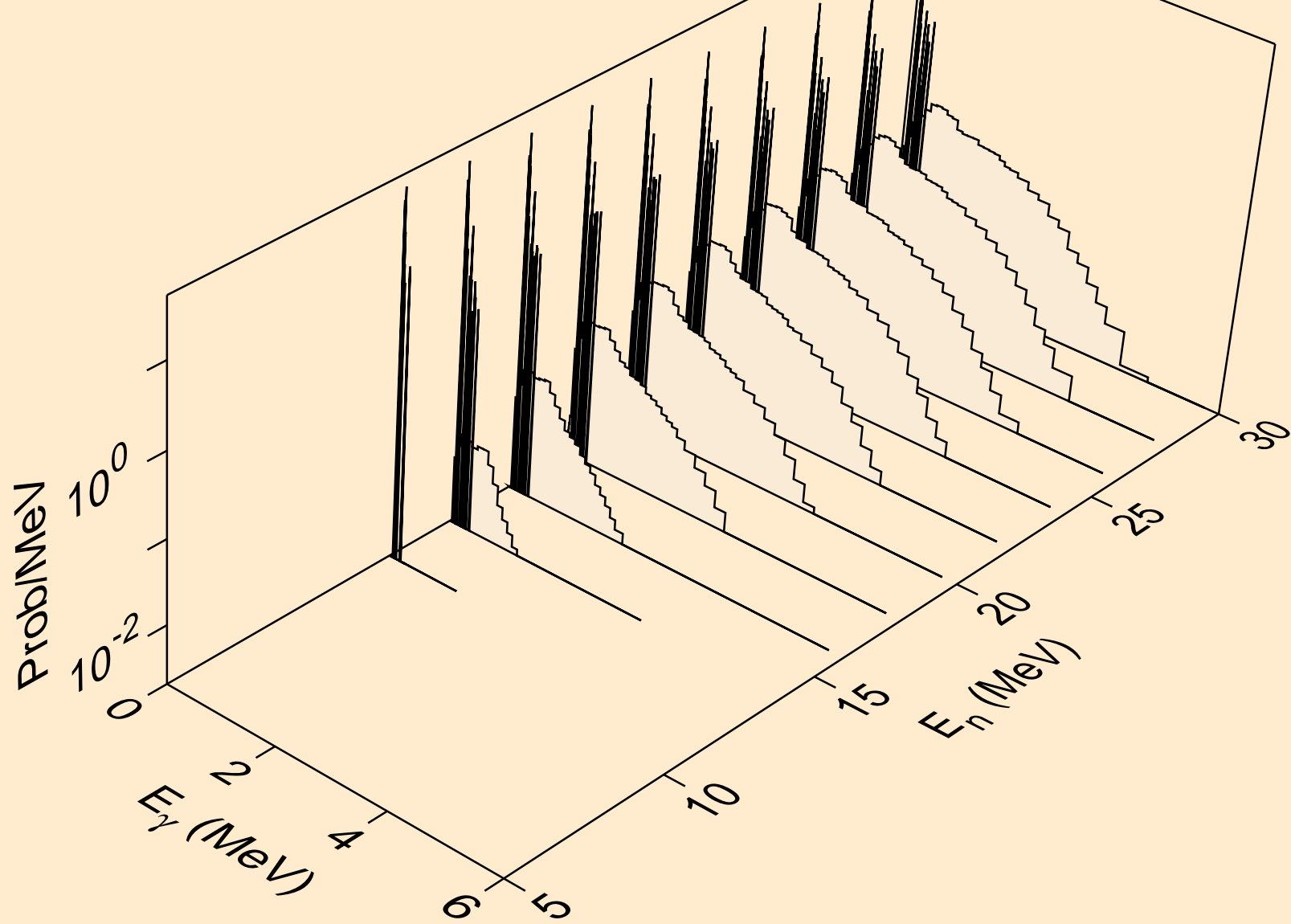




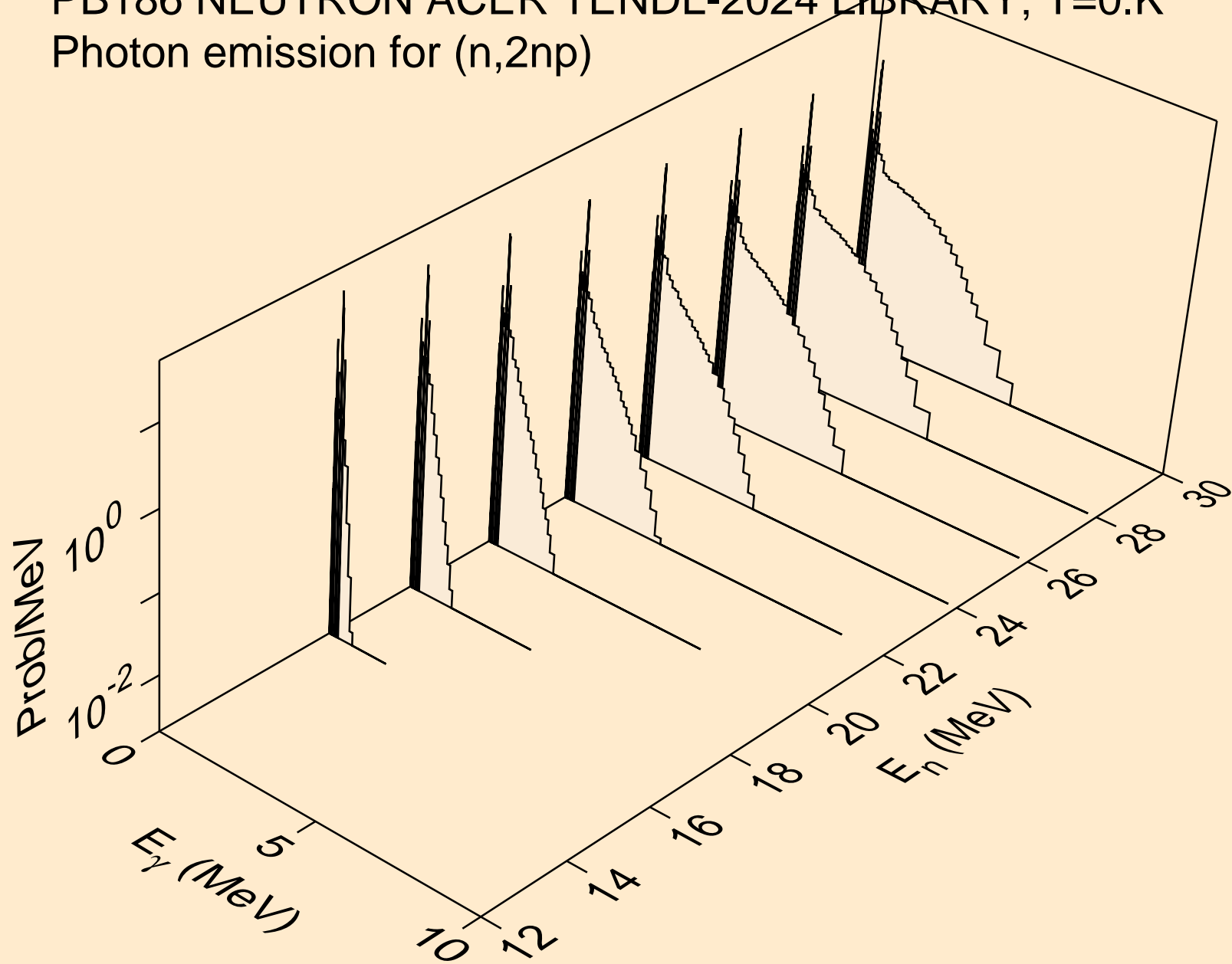
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



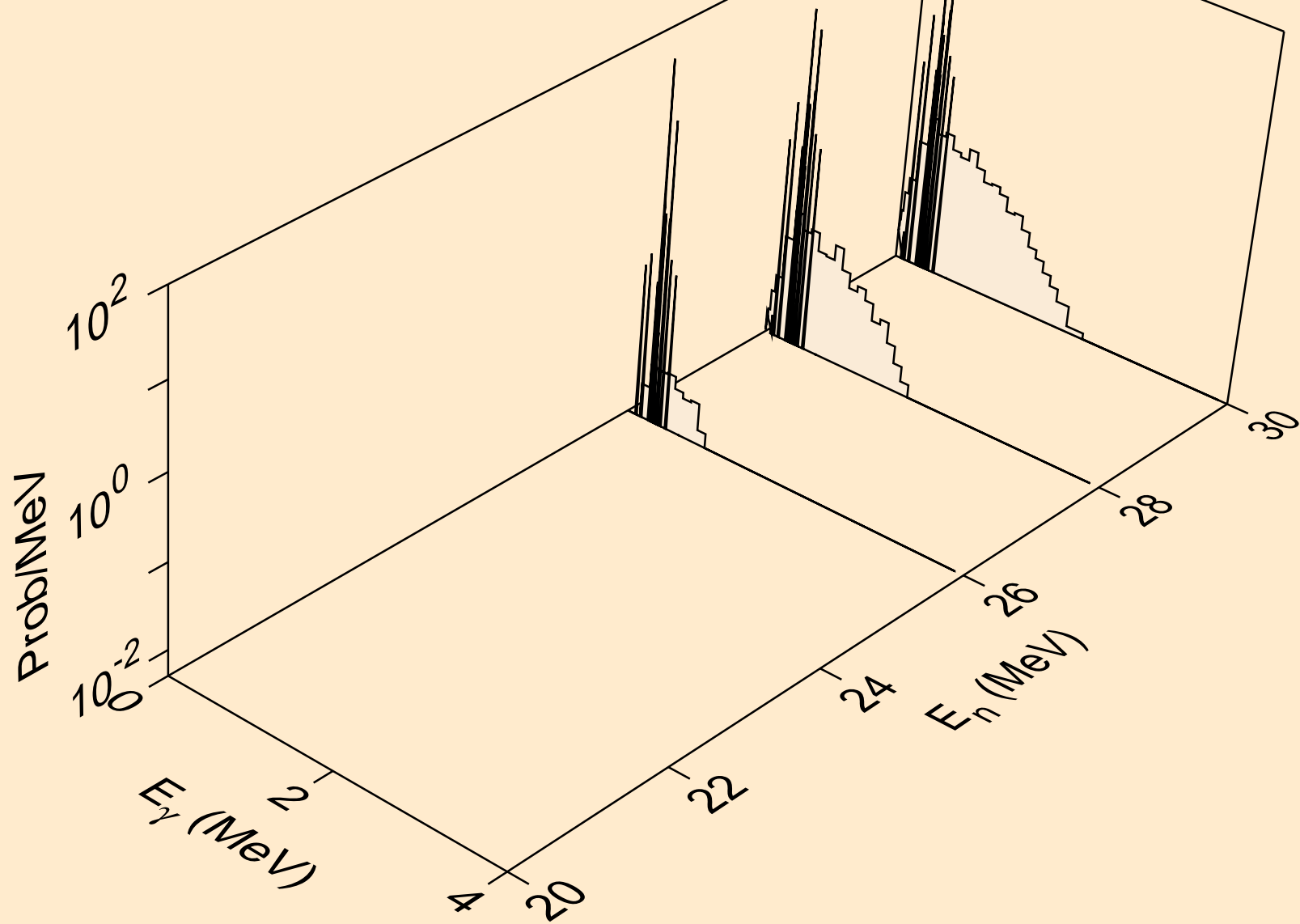
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



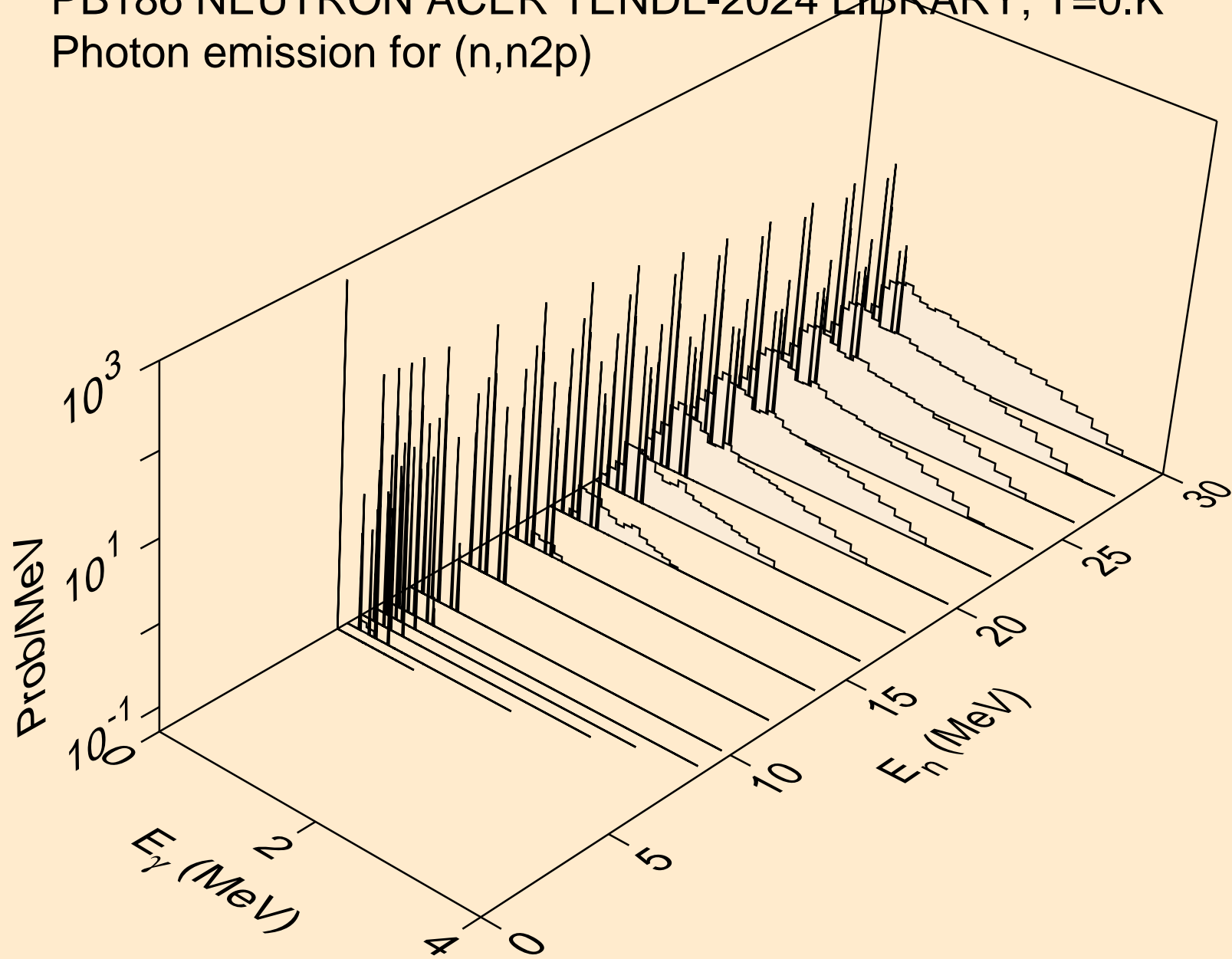
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



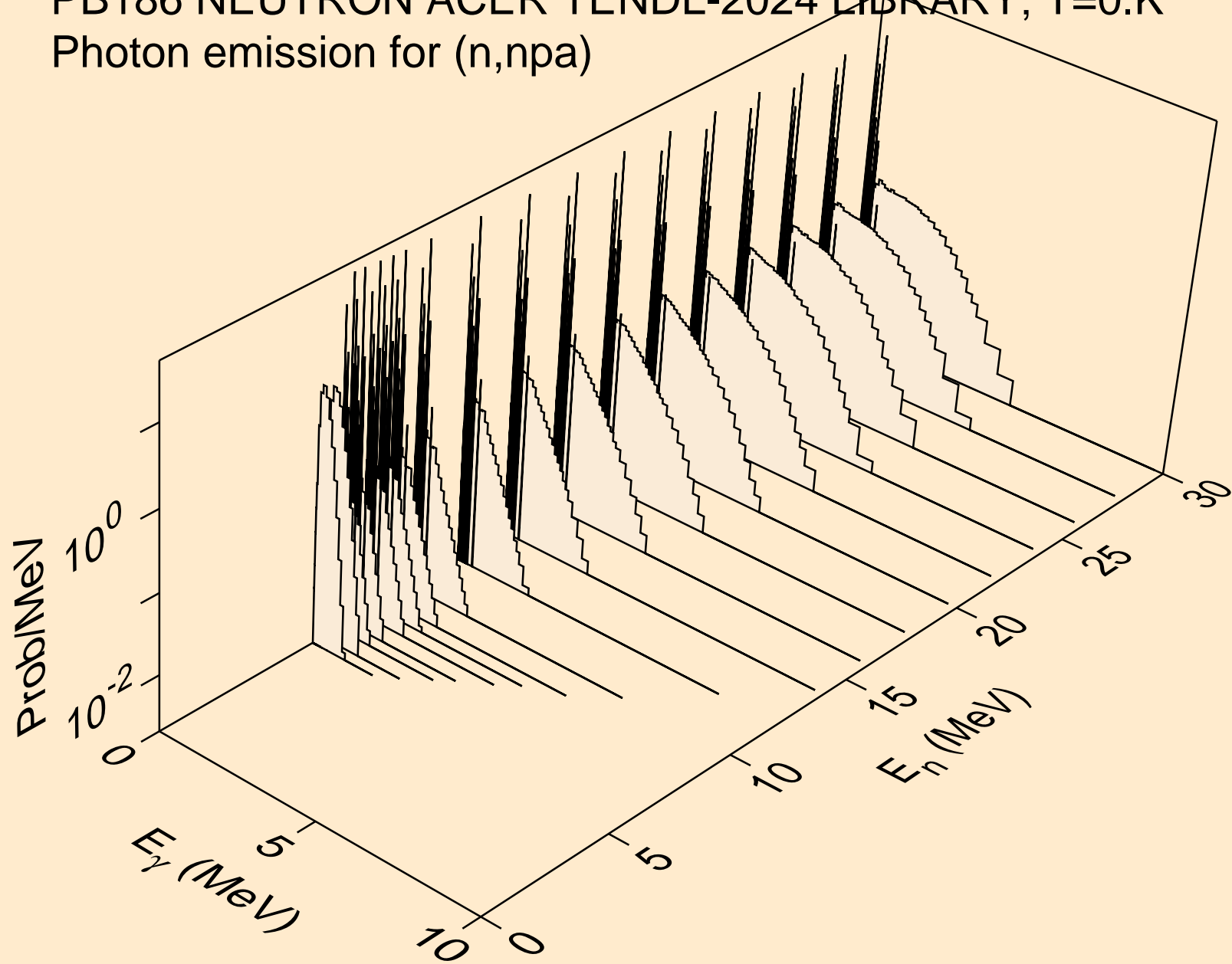
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



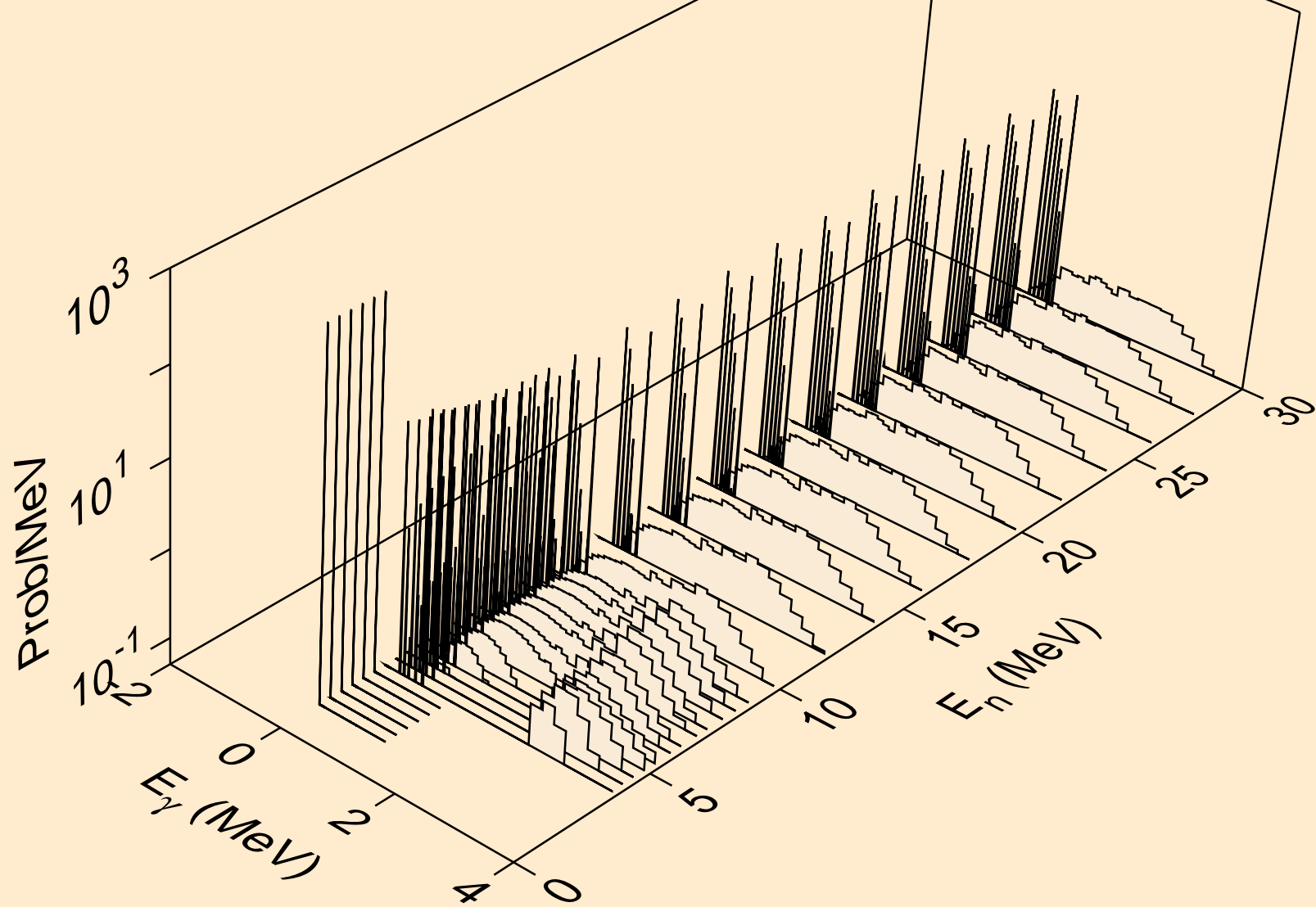
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



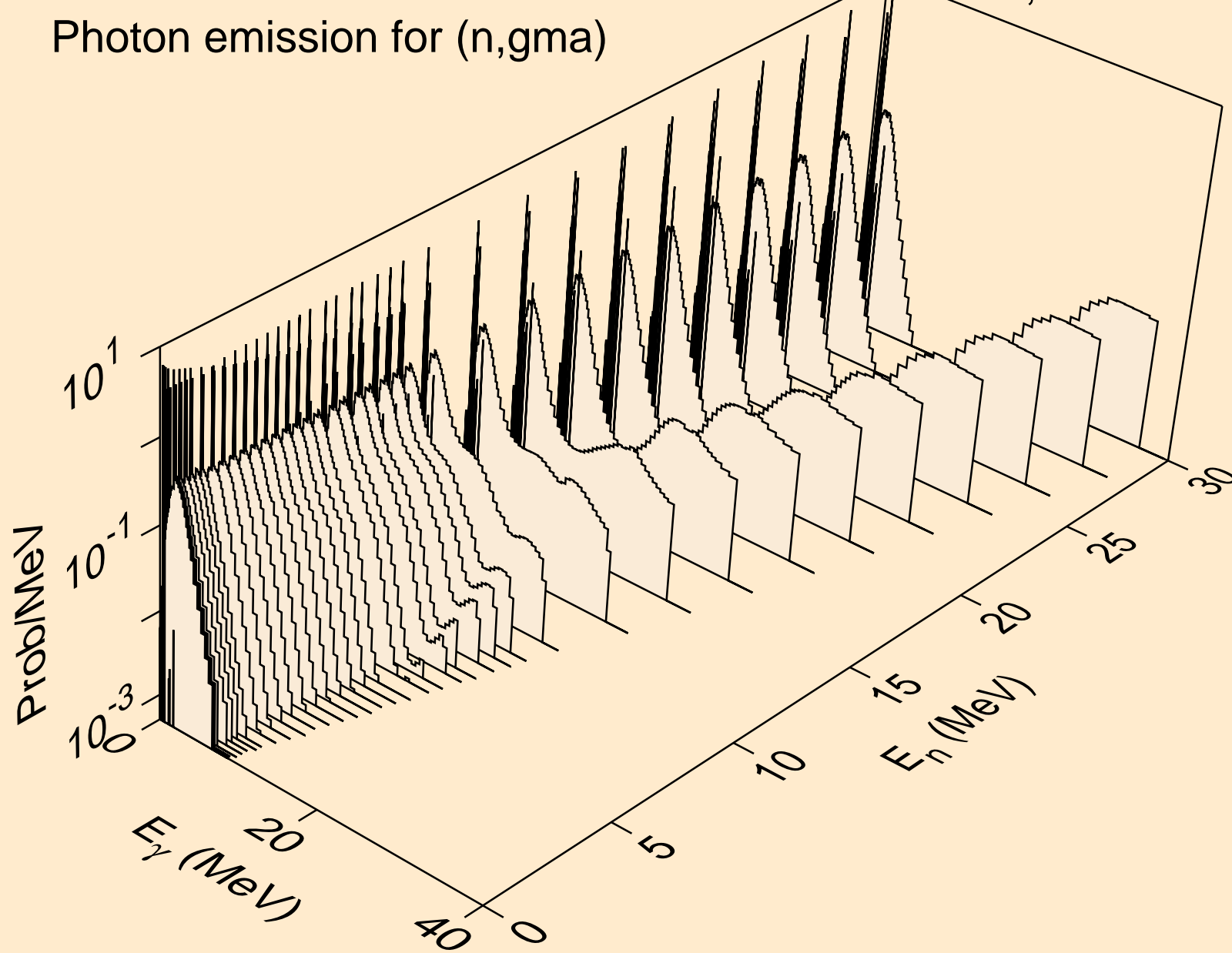
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

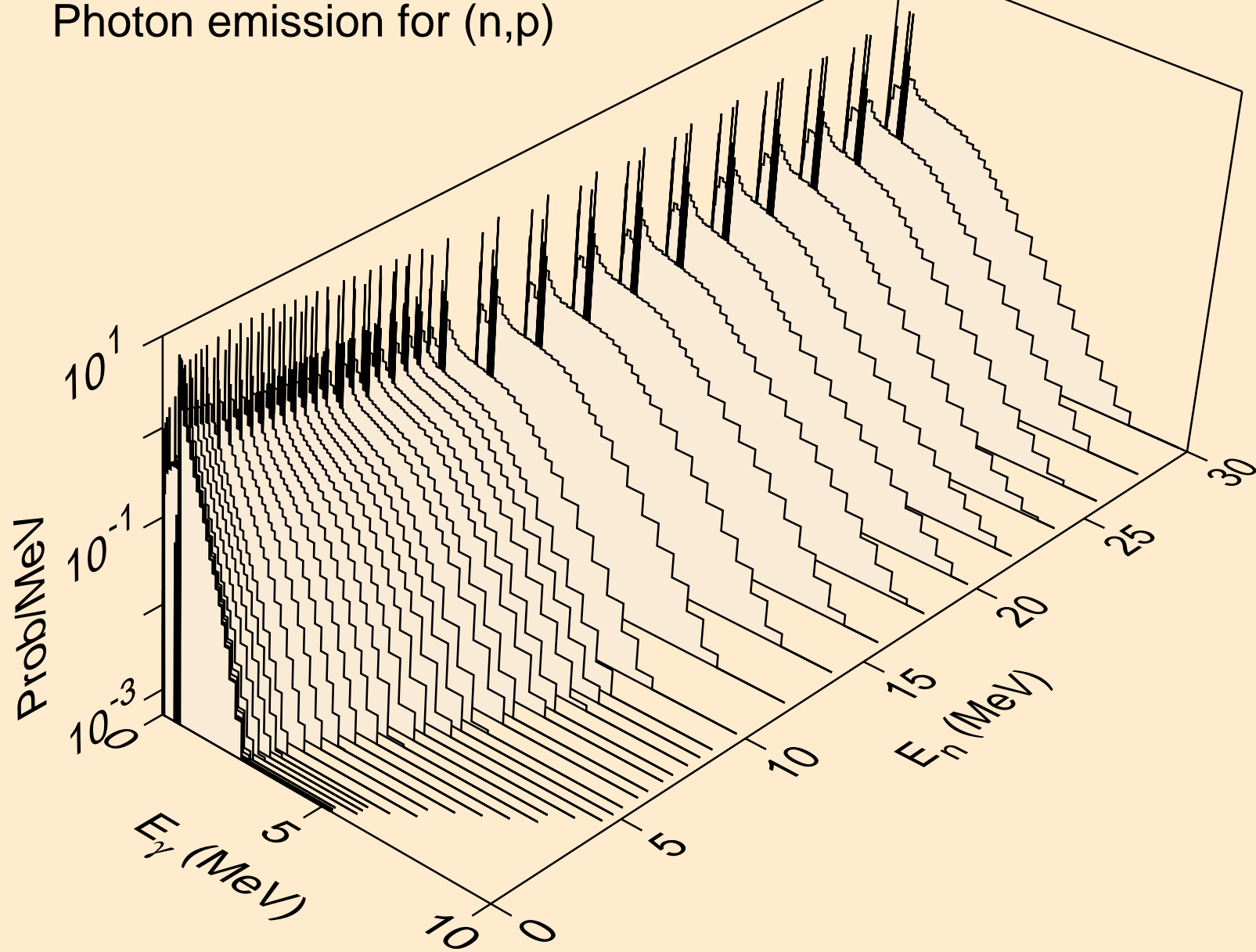


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

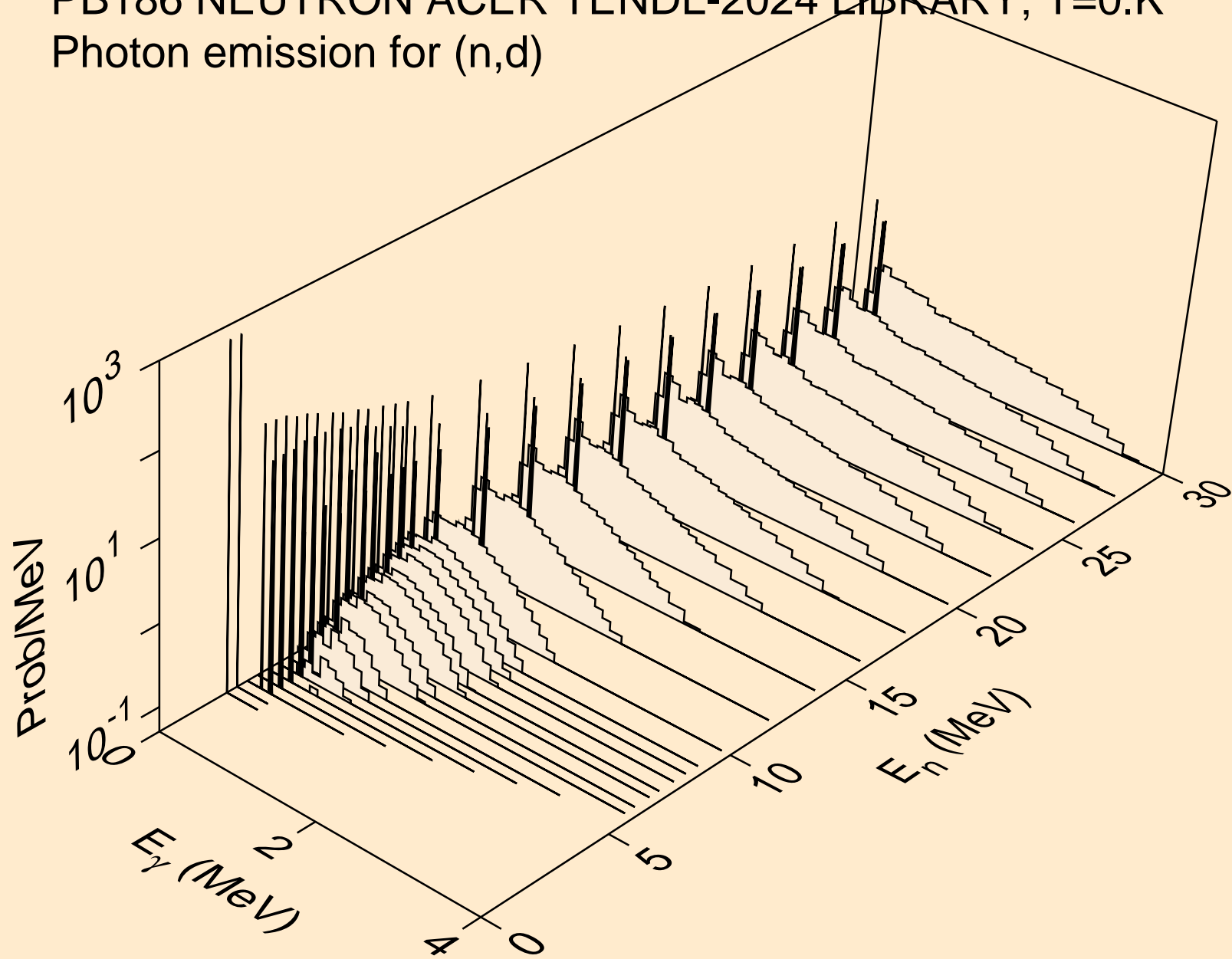




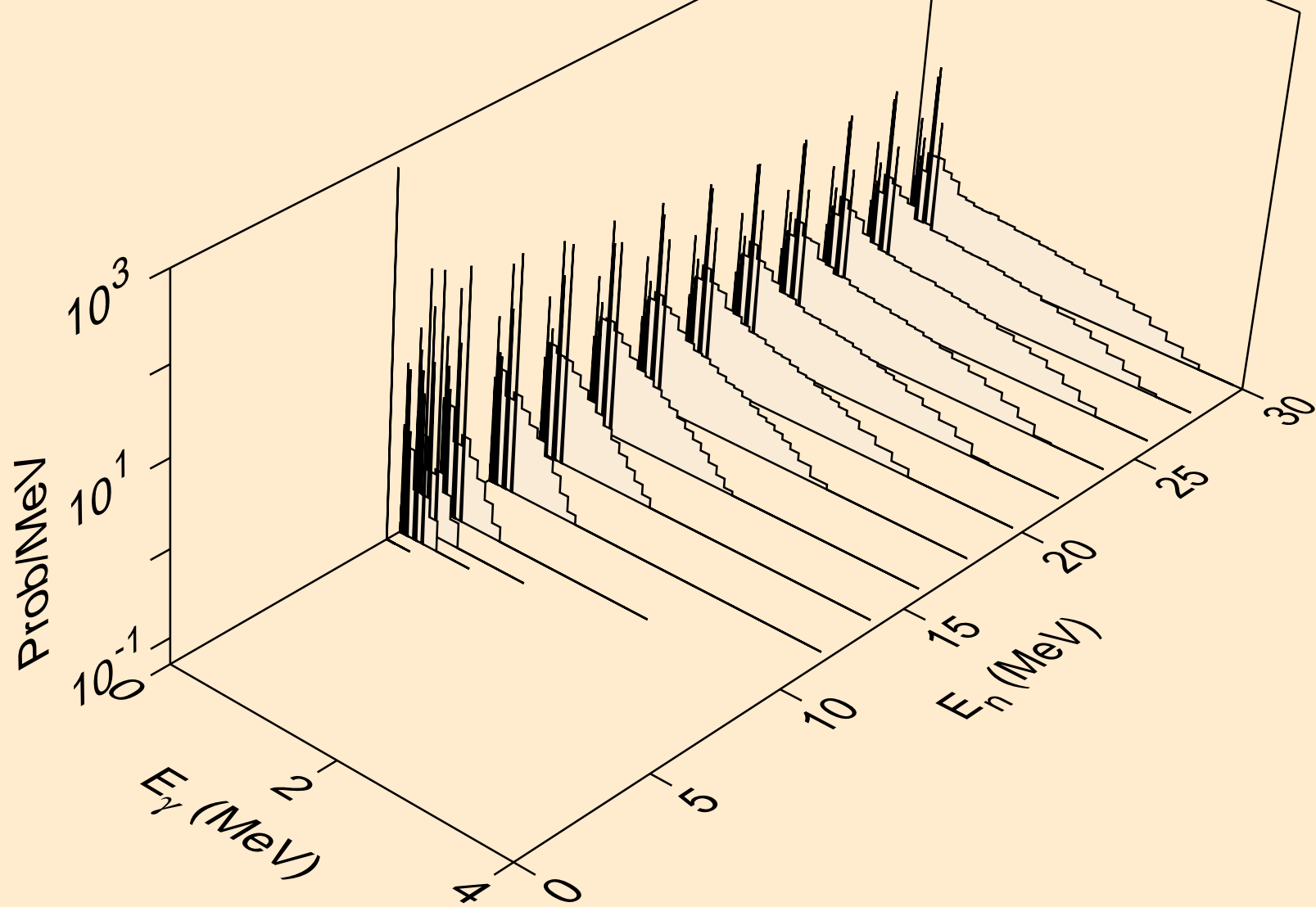
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



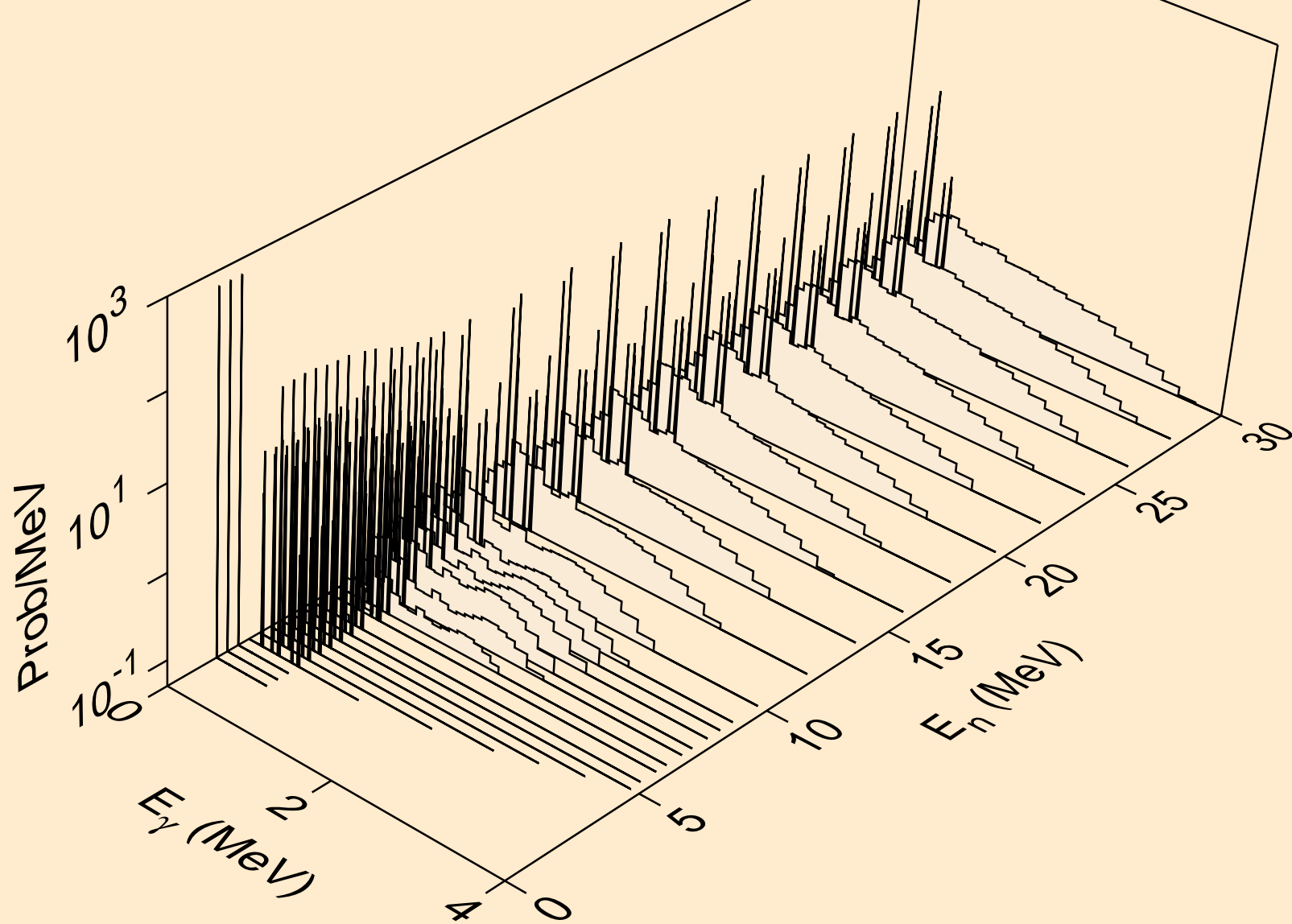
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



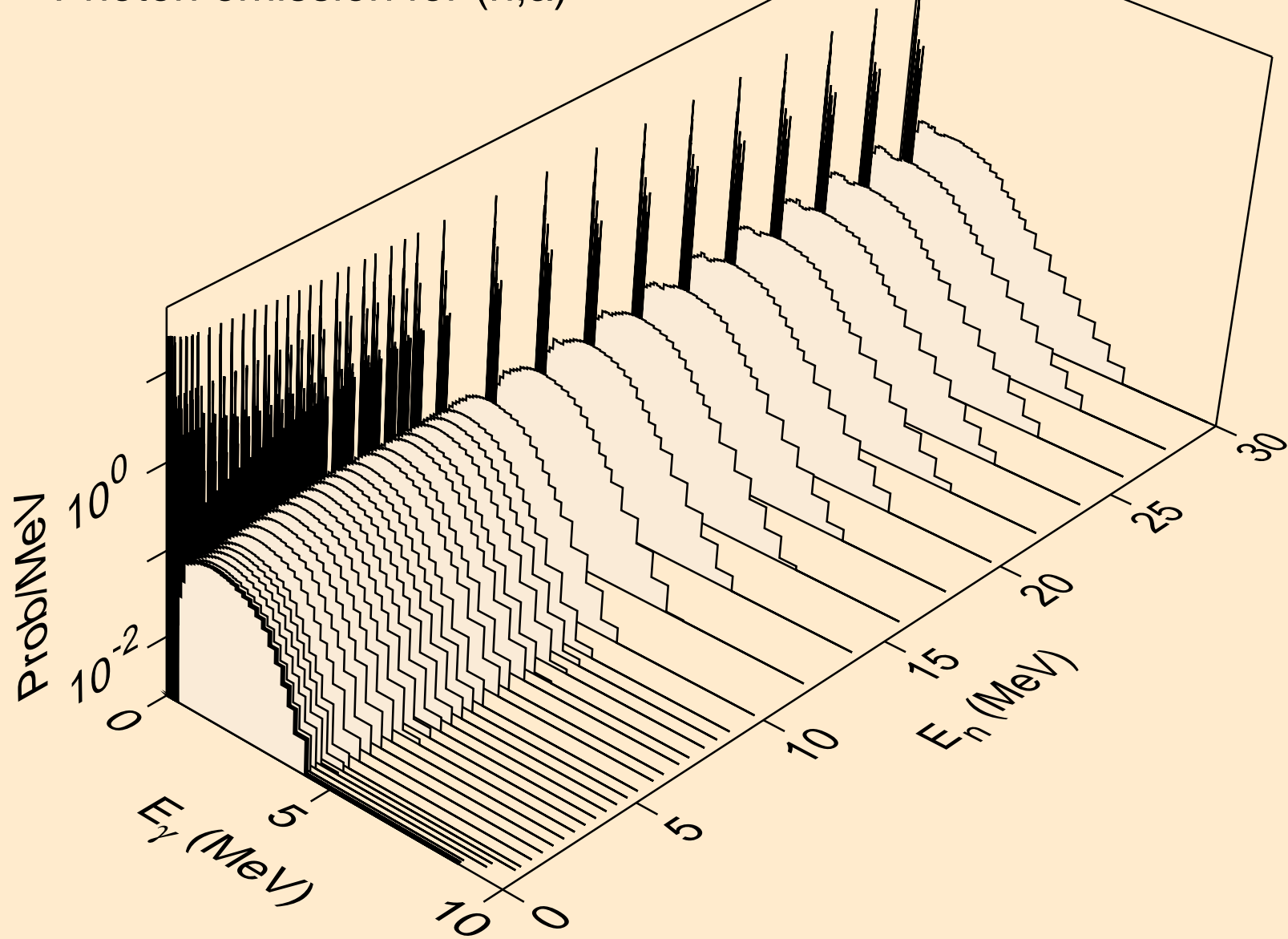
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



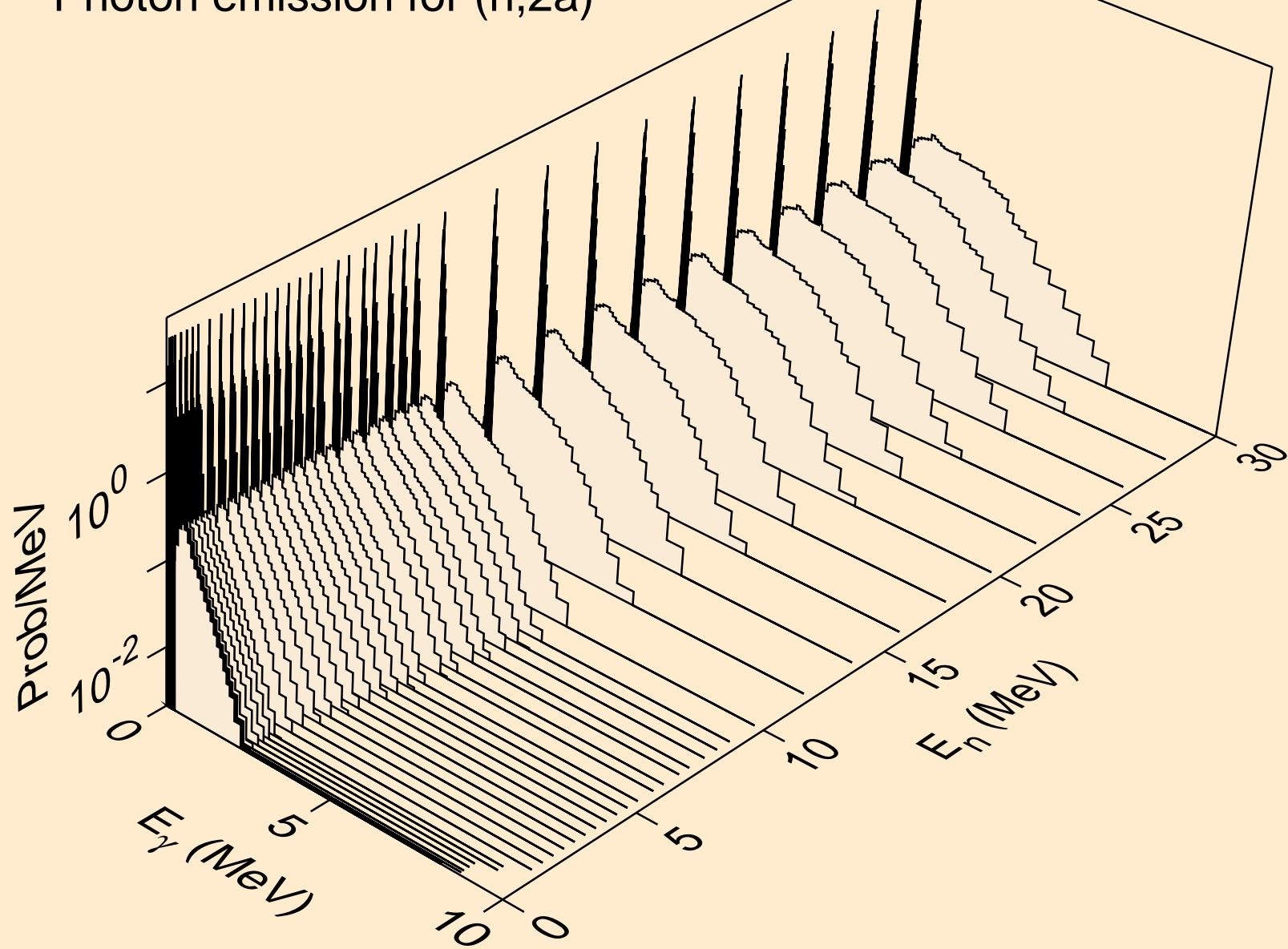
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



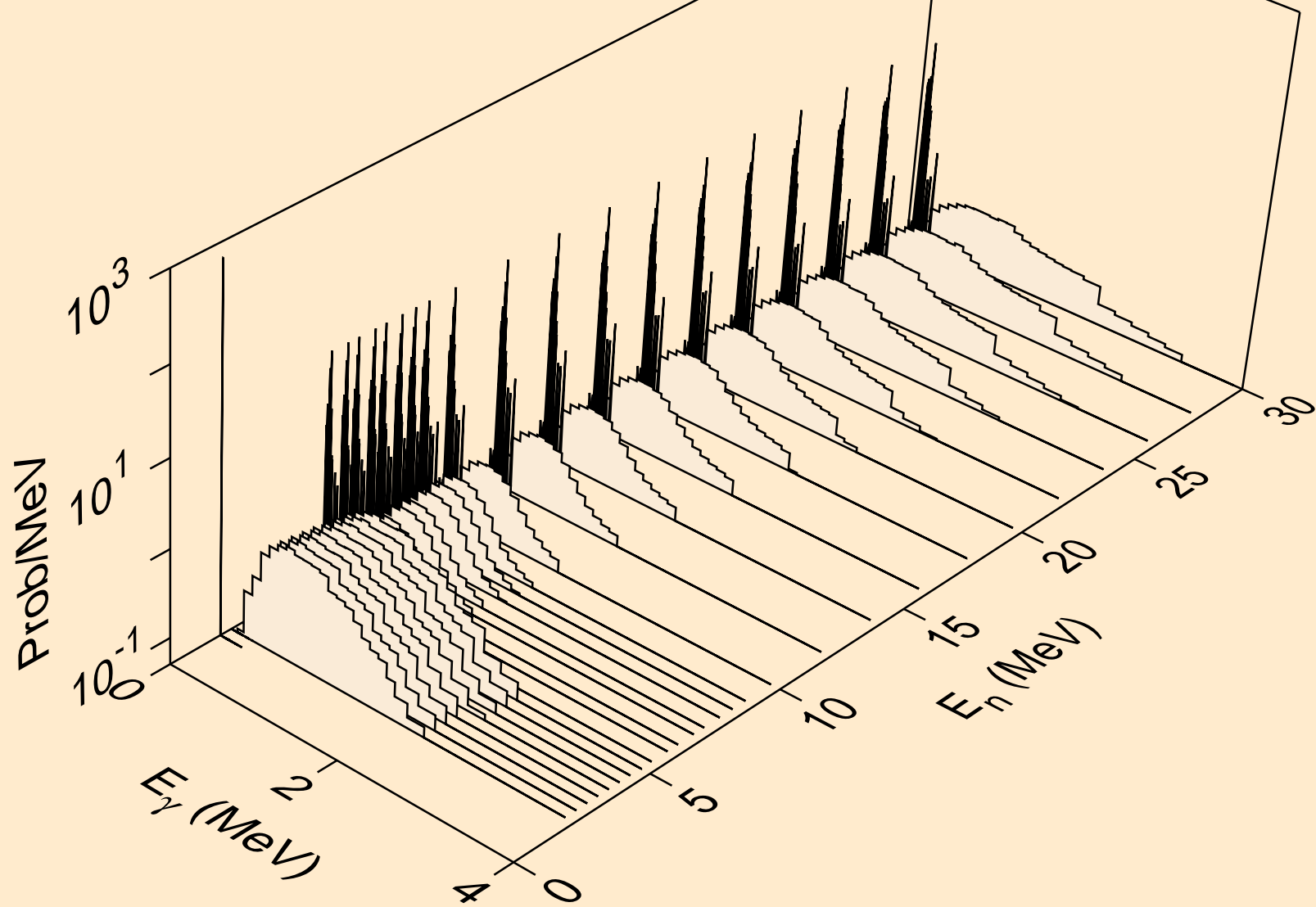
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



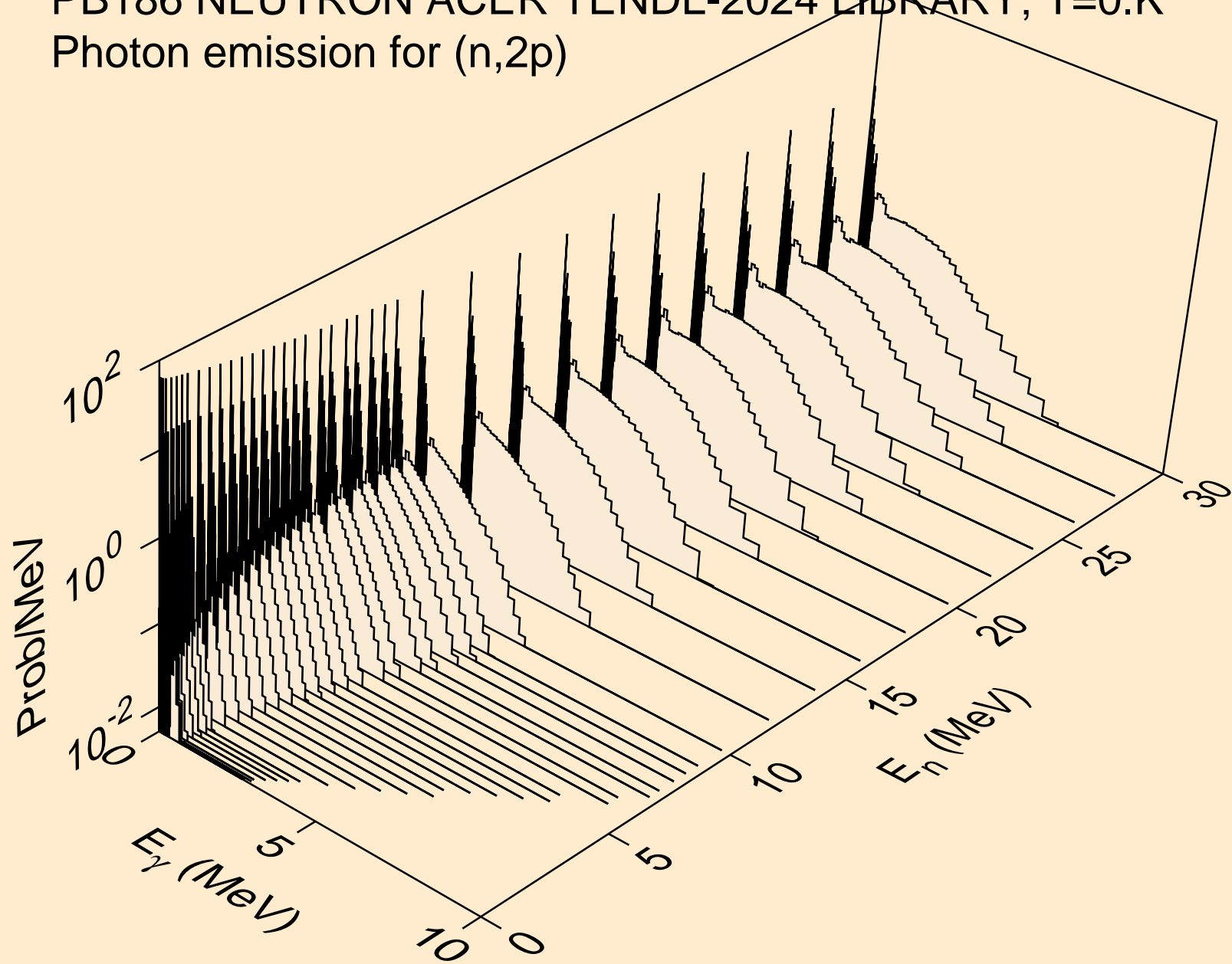
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)

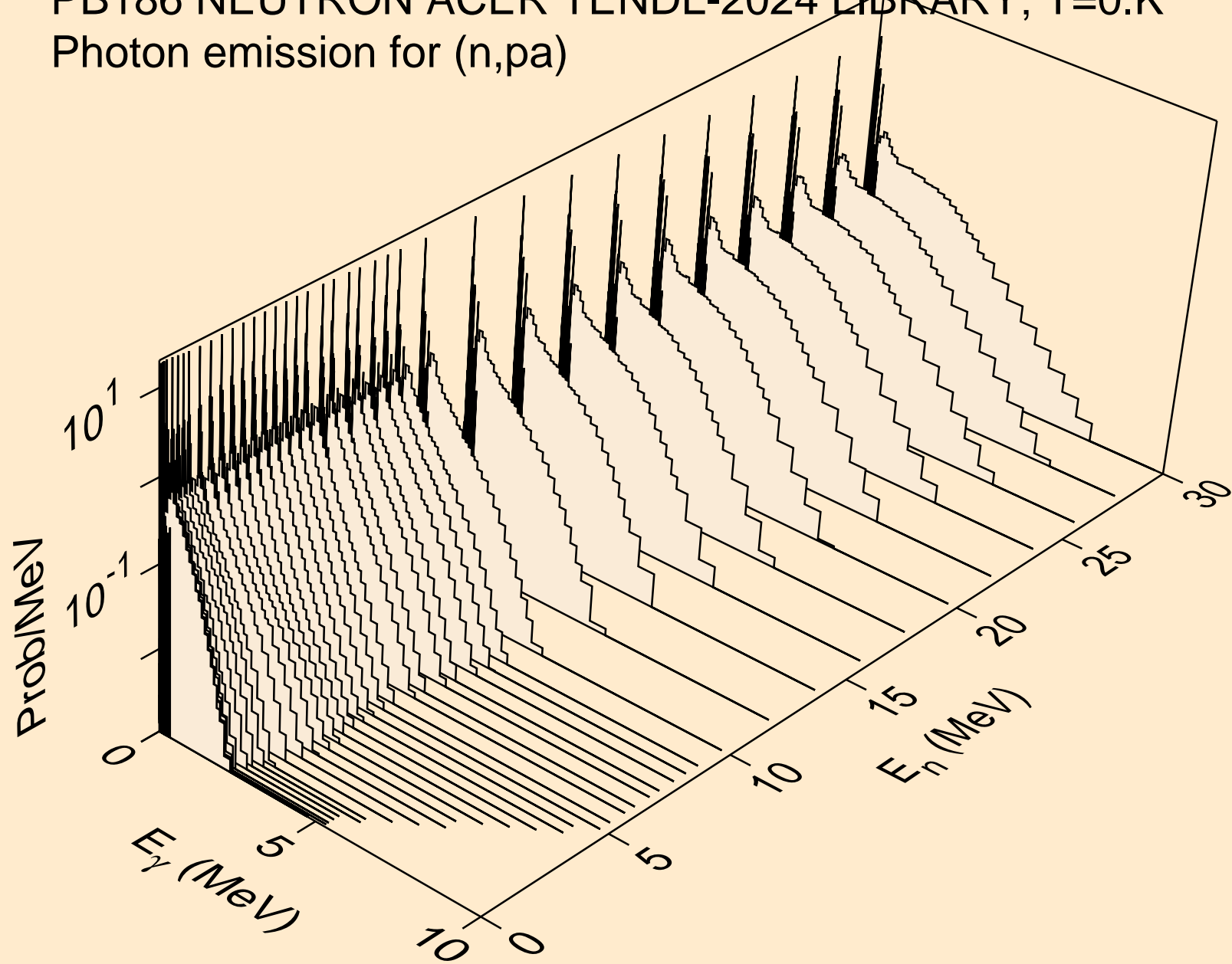


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

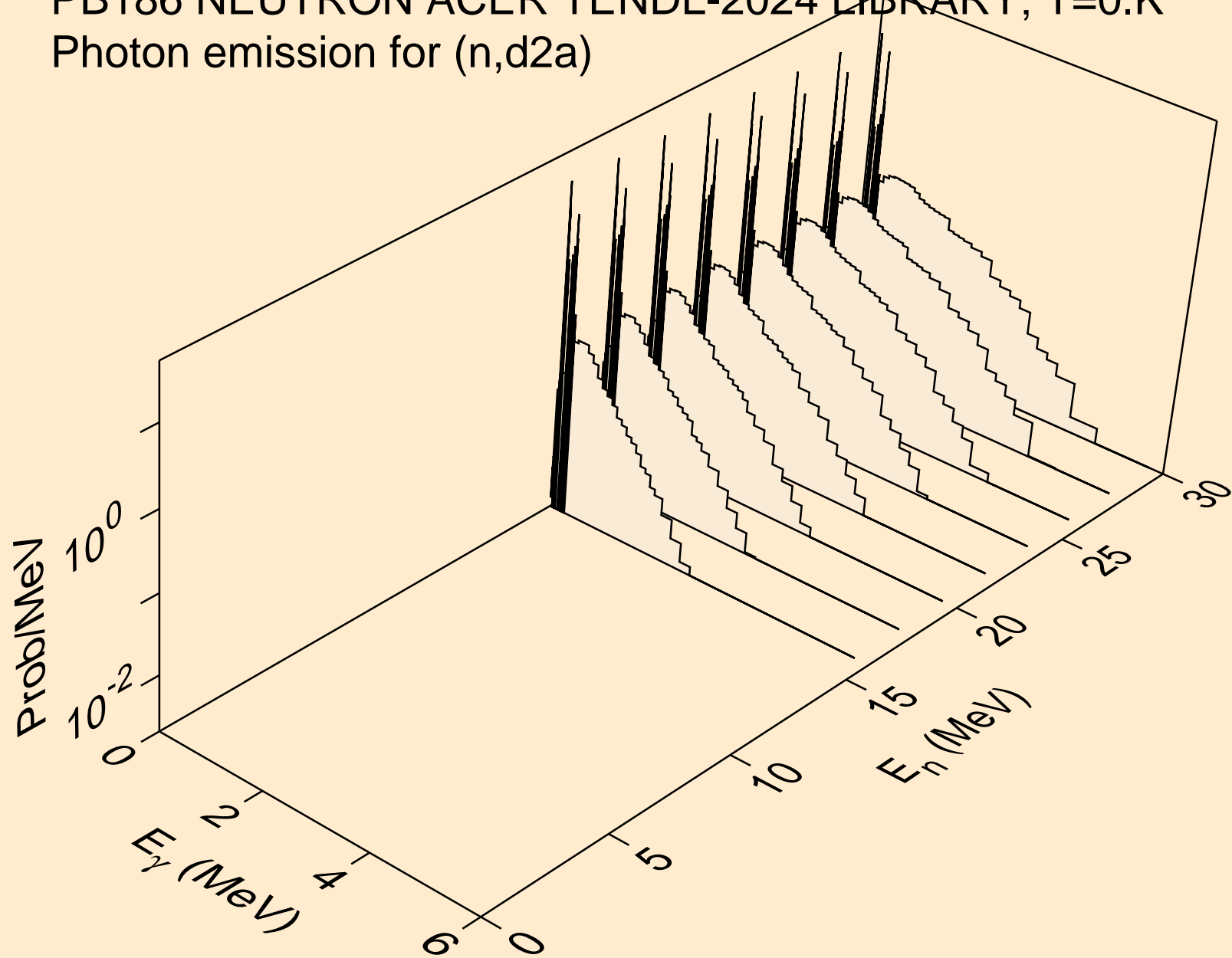




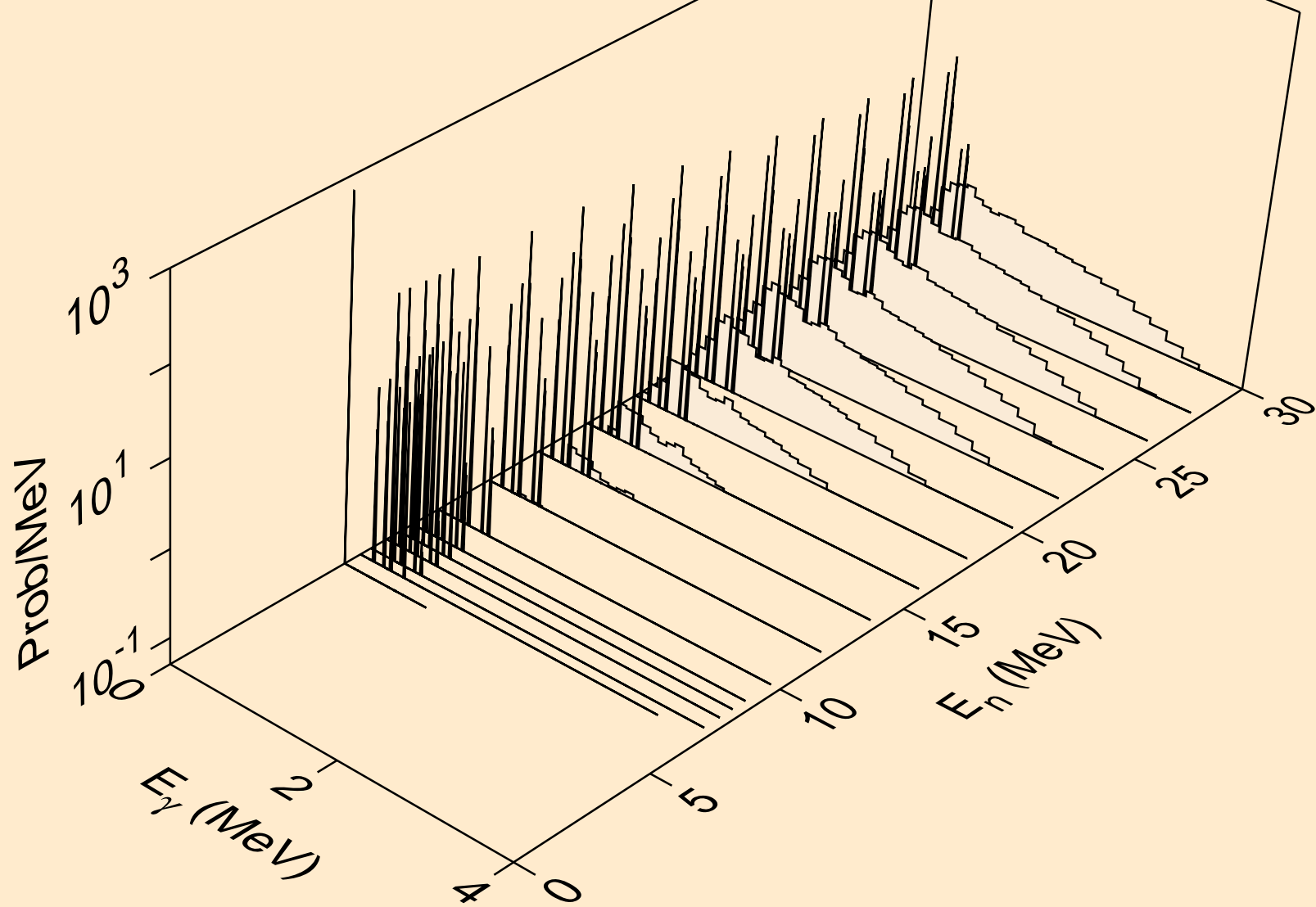
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



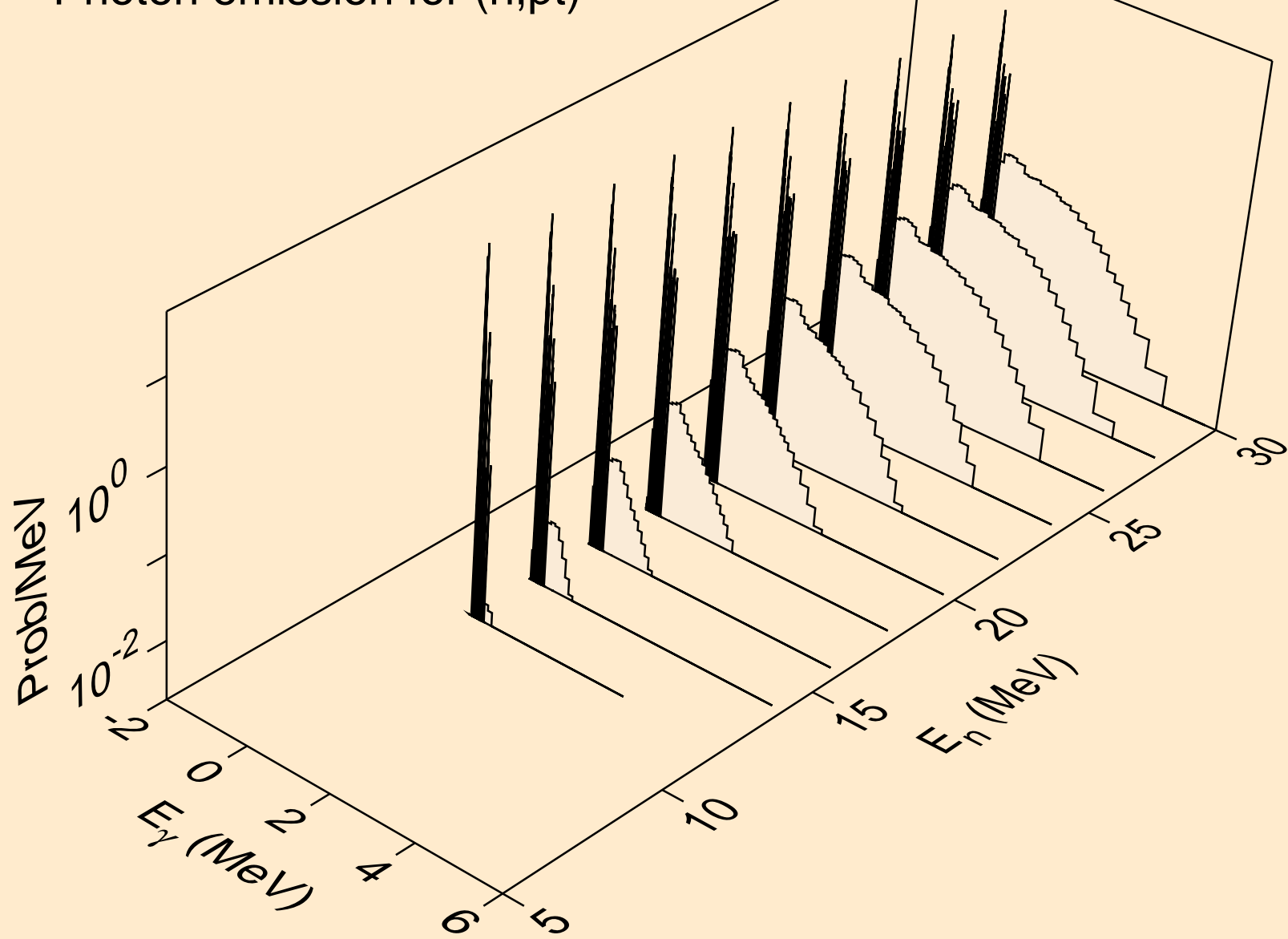
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



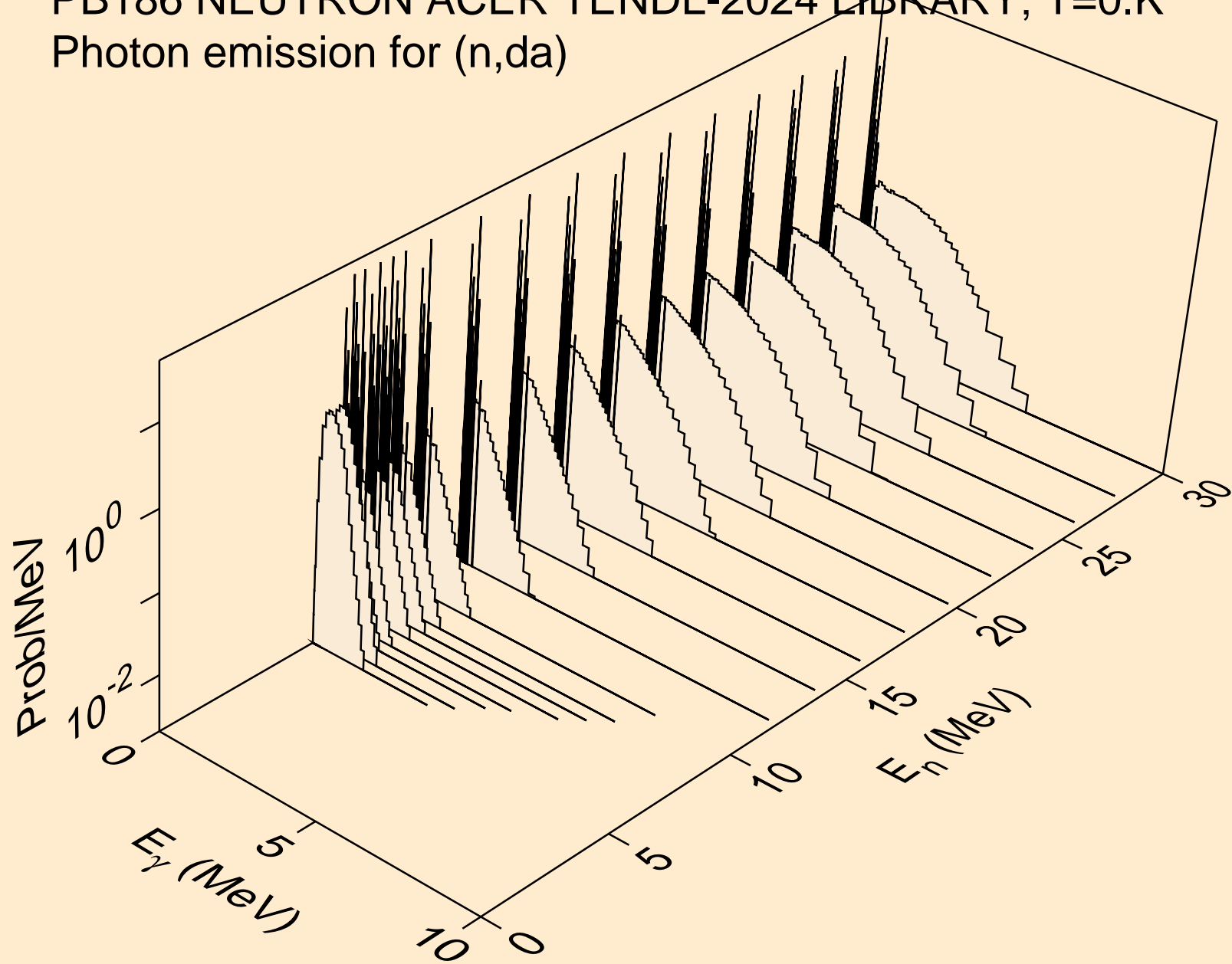
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



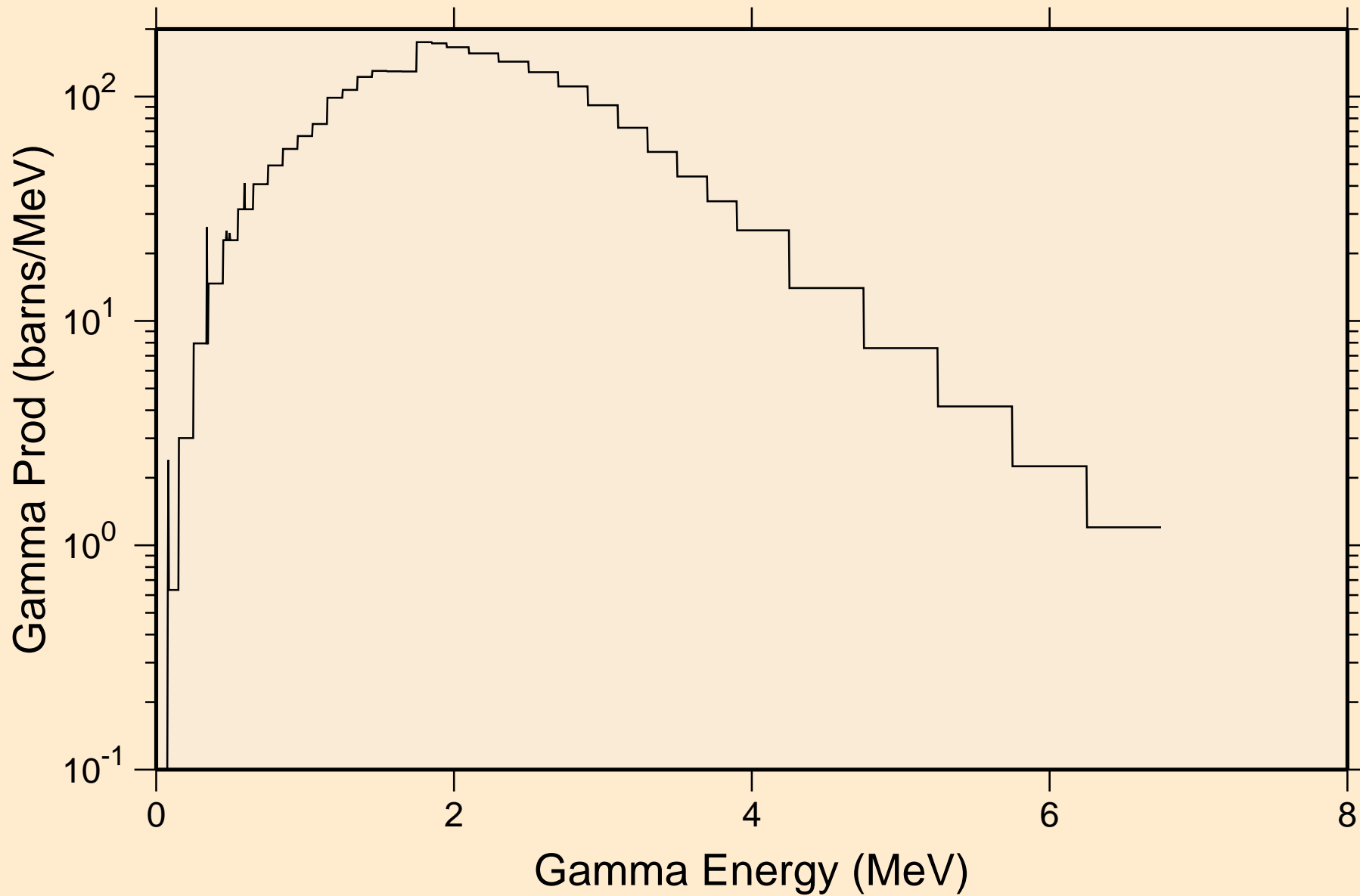
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



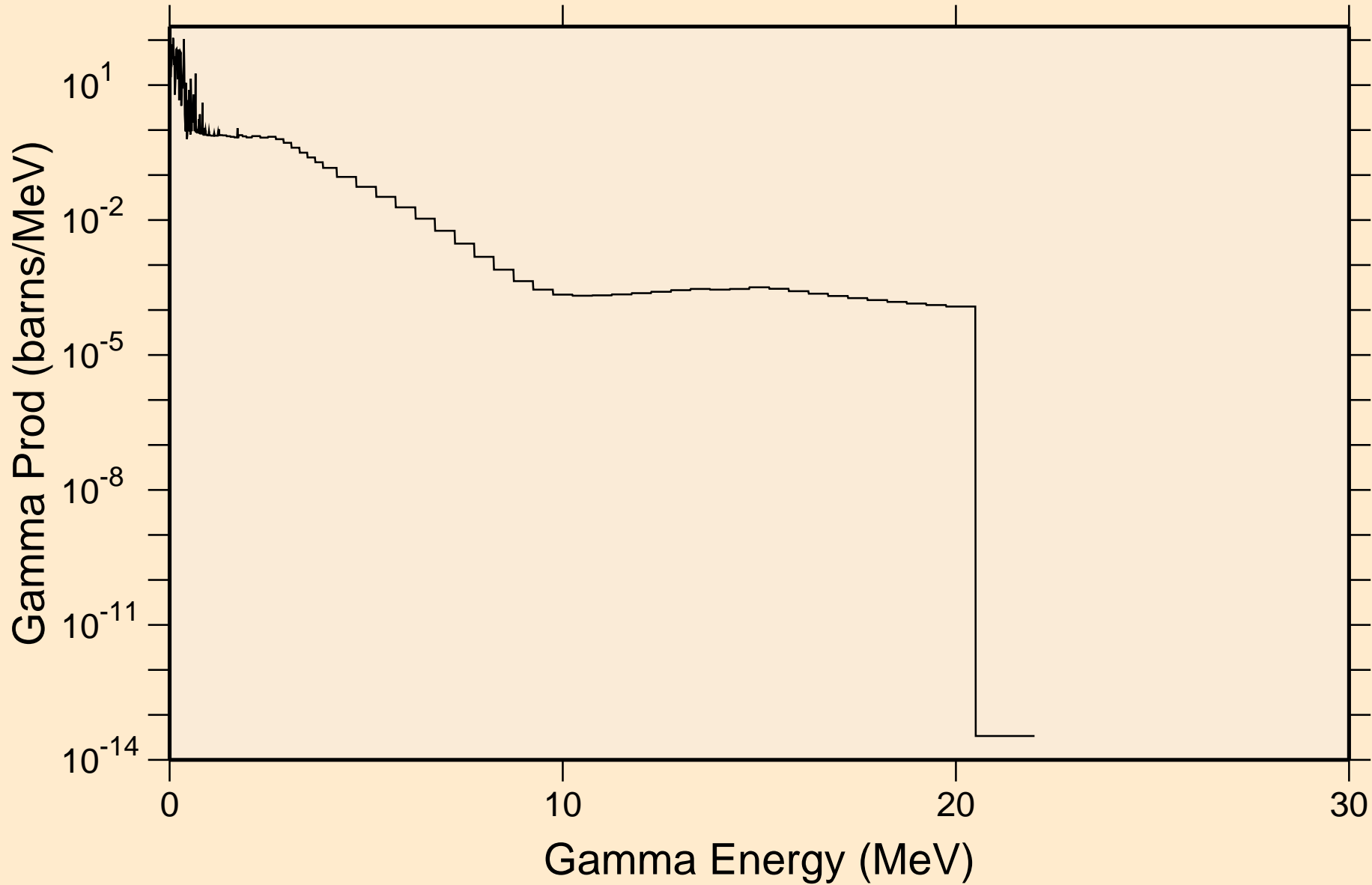
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

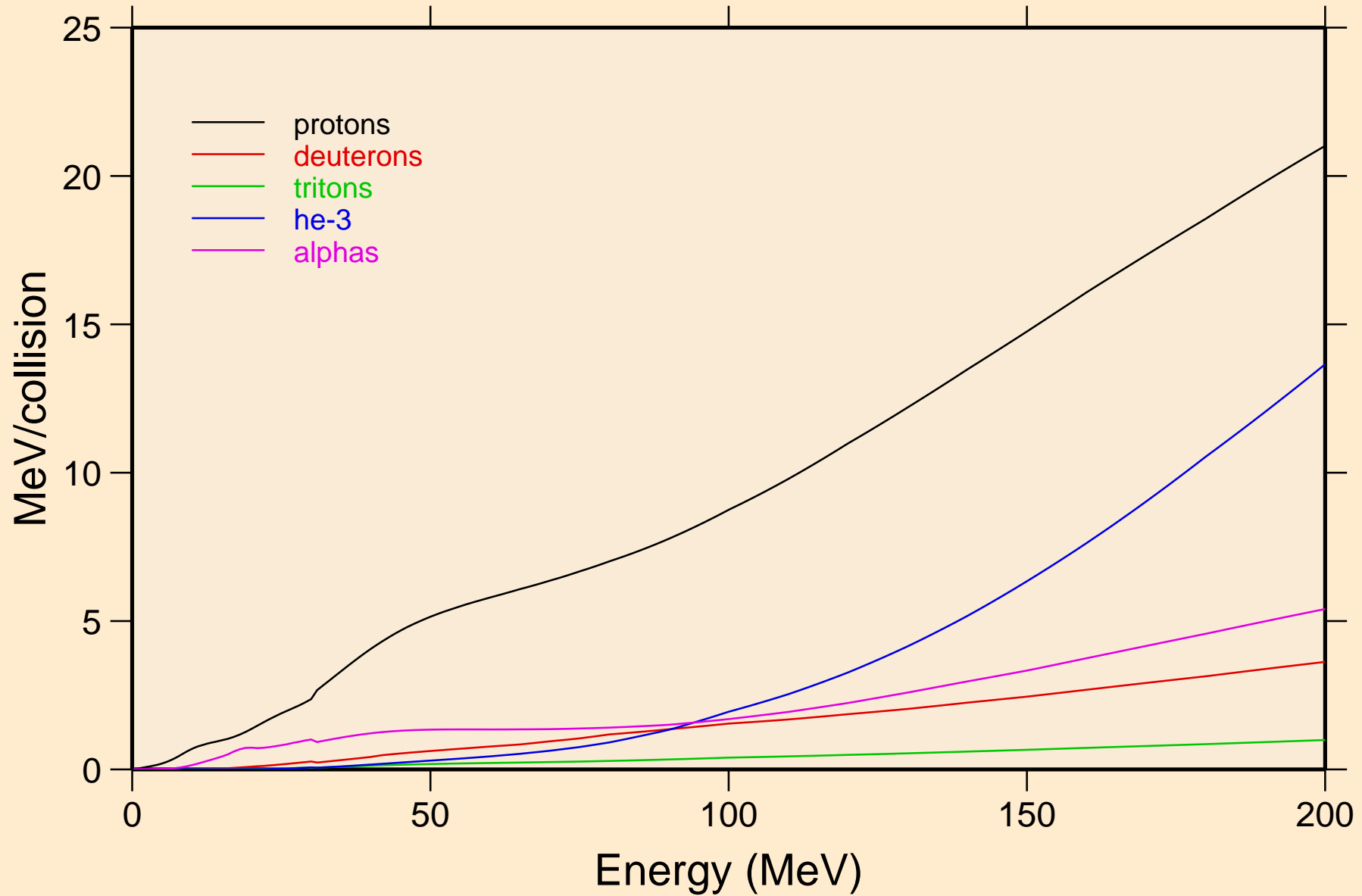


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



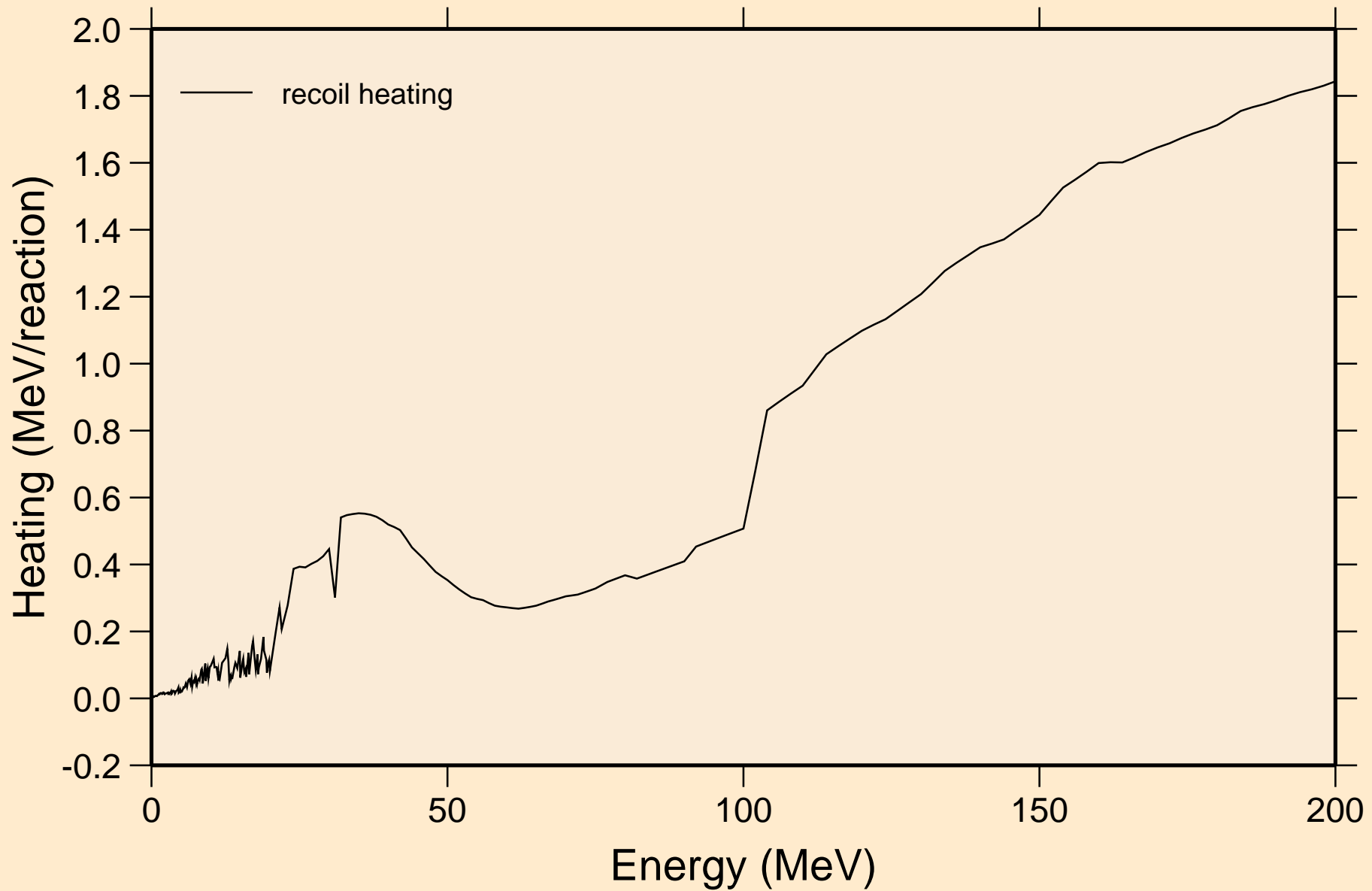
# PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

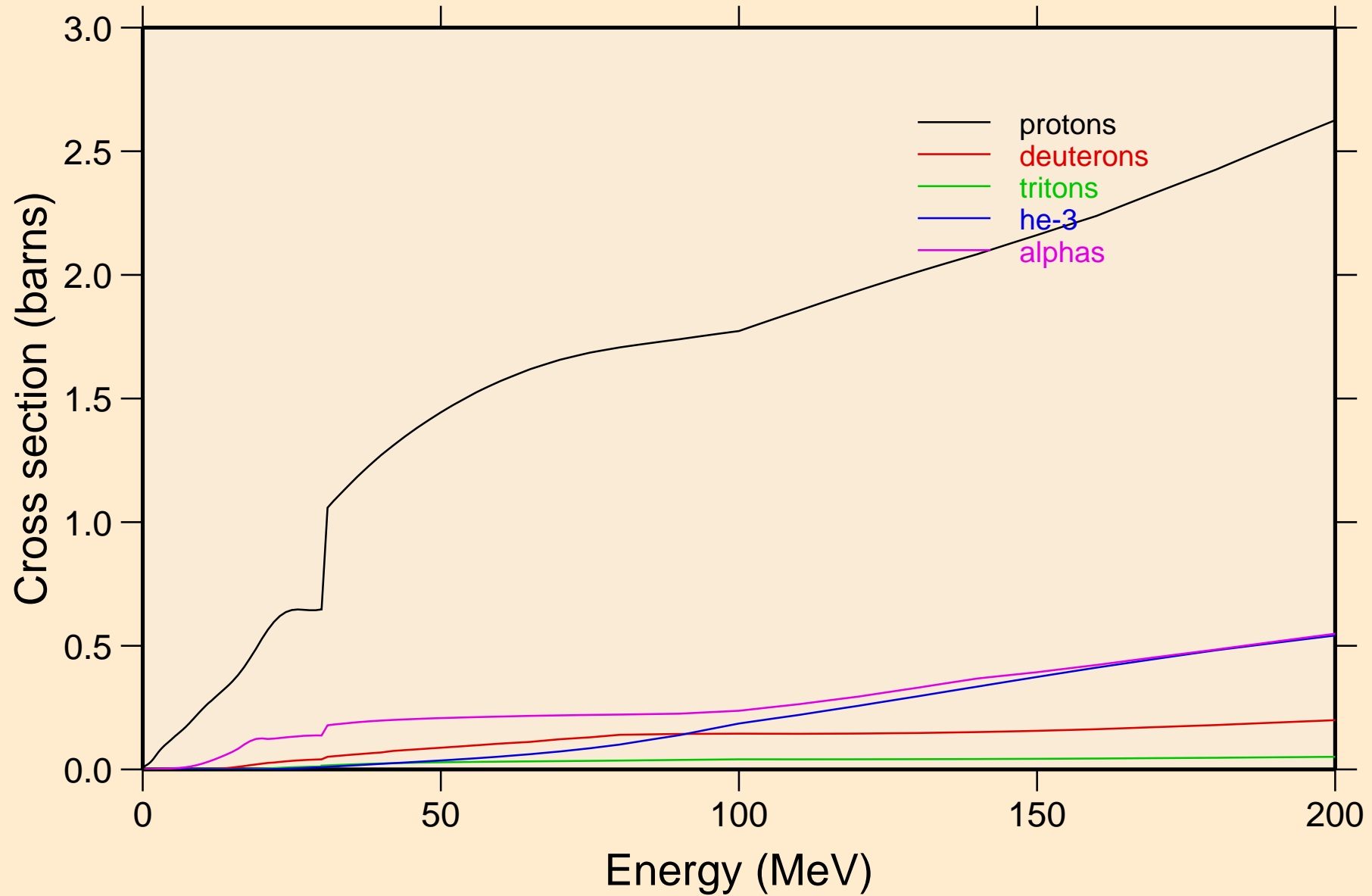




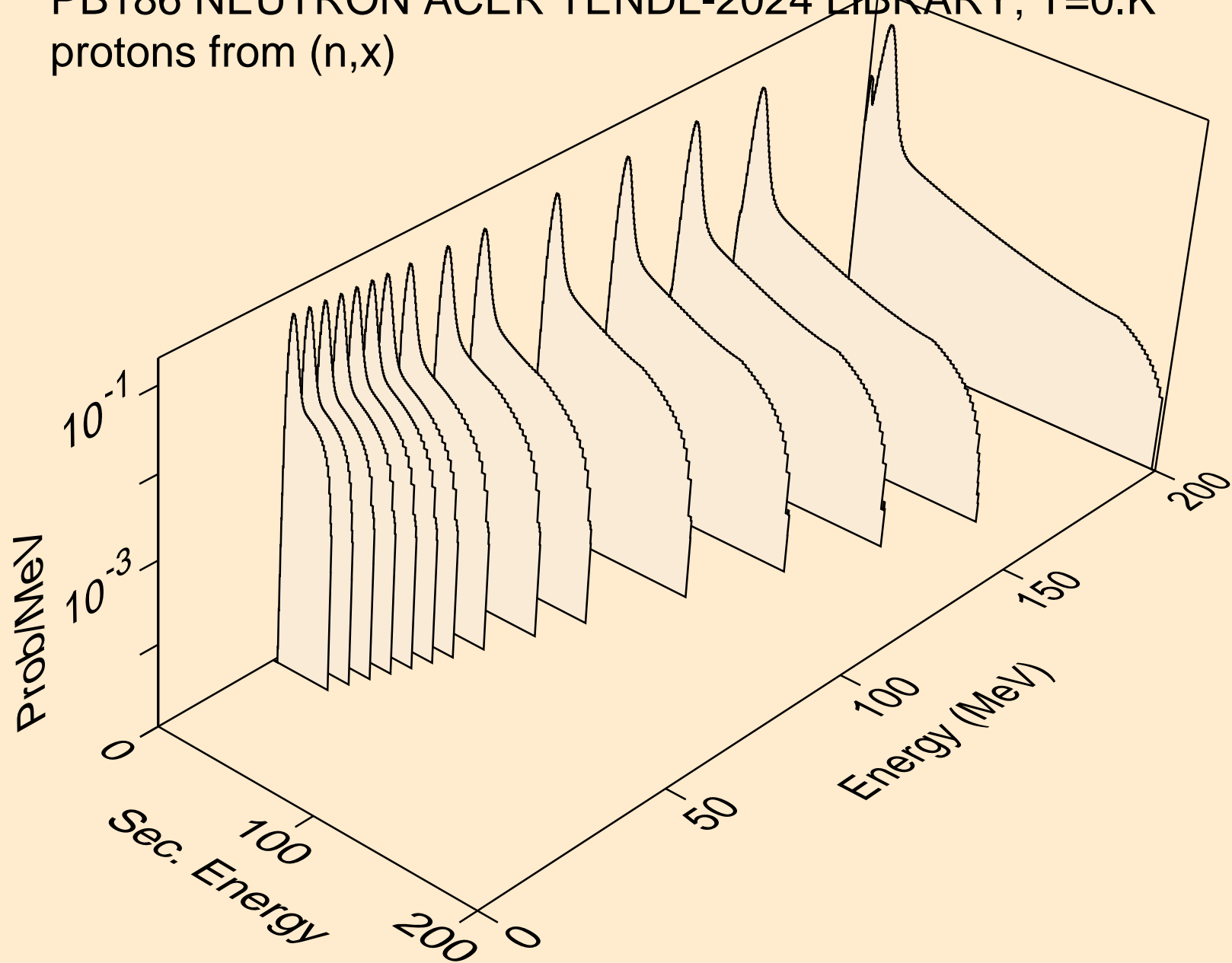
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



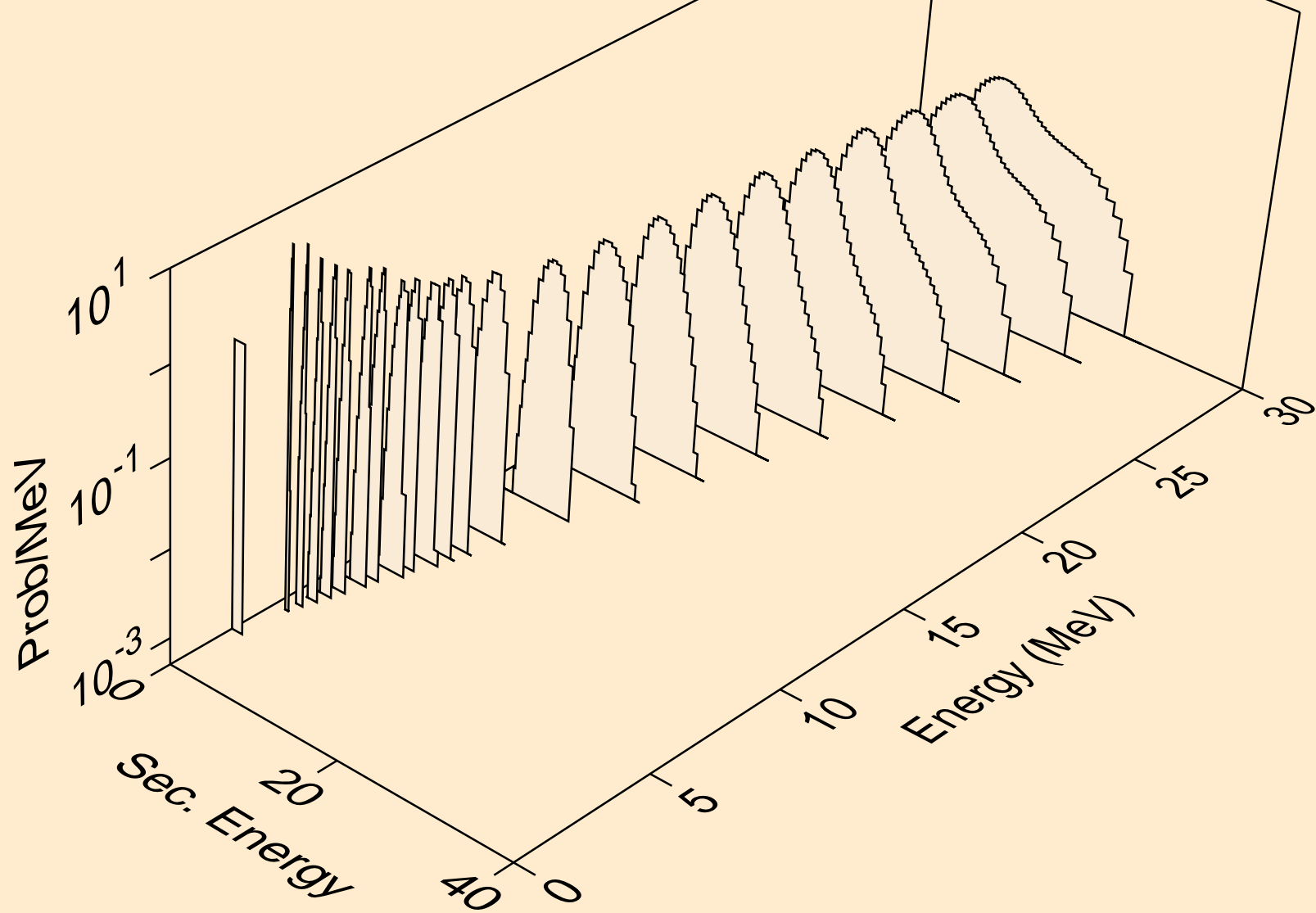
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



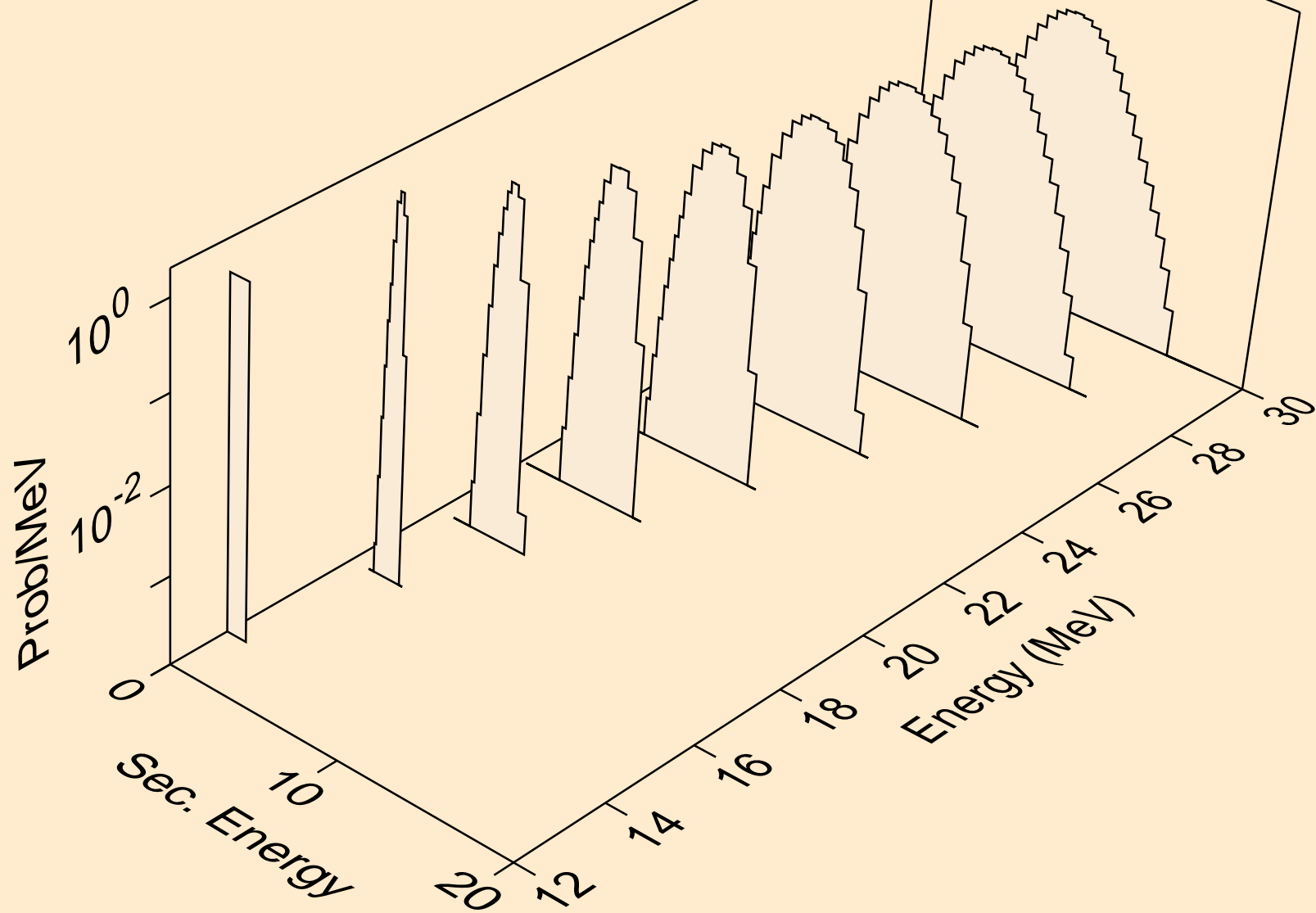
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



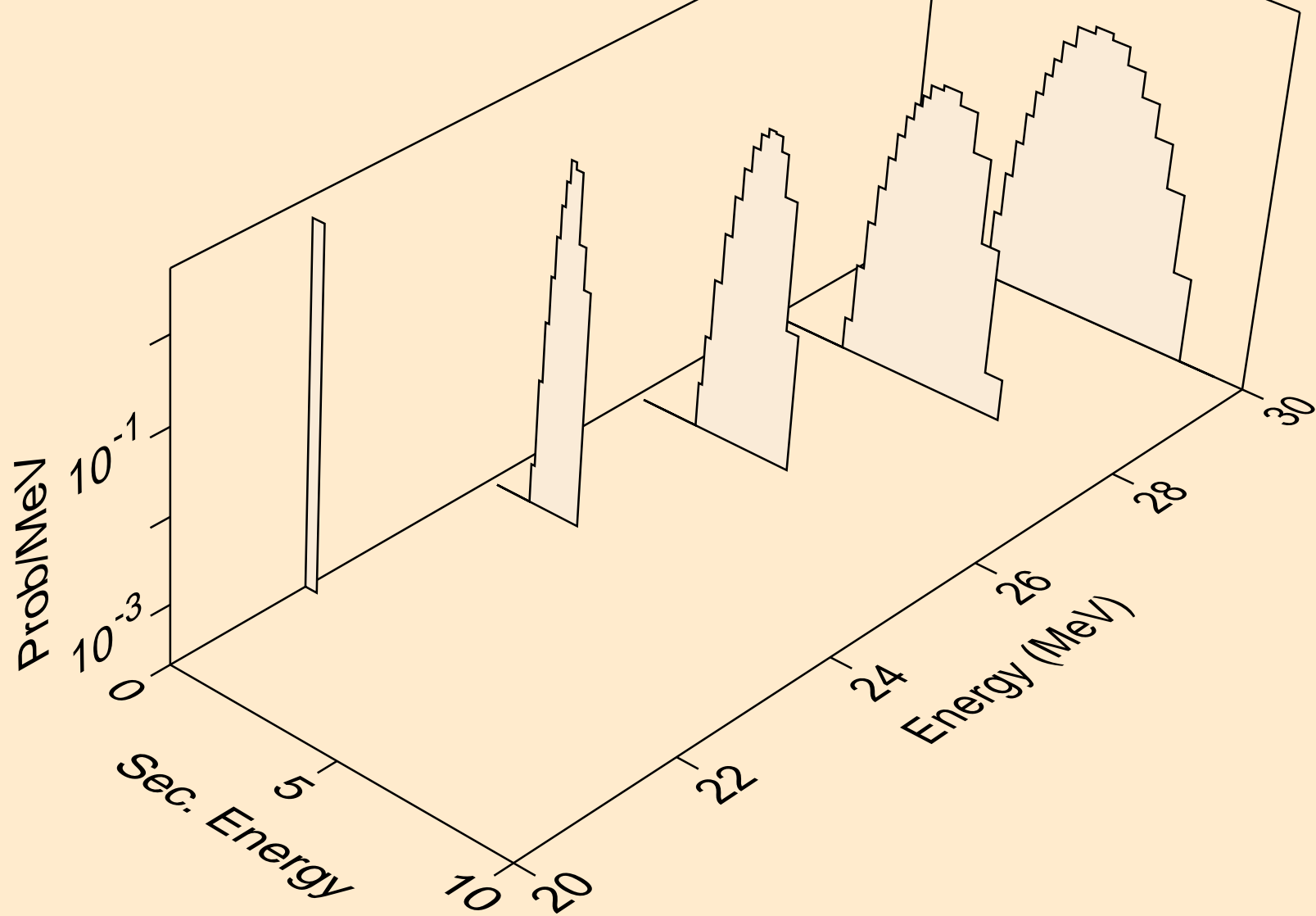
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



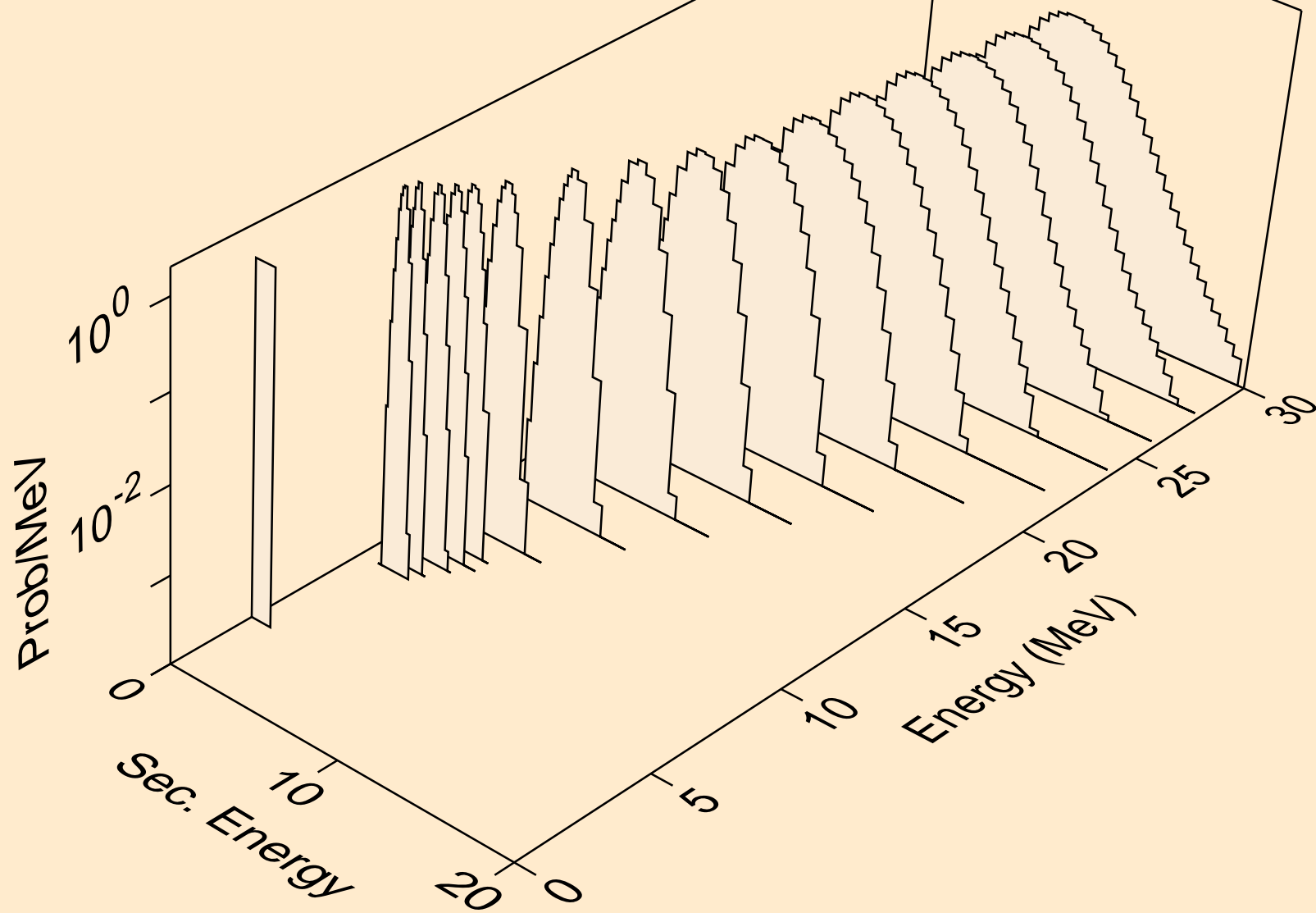
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



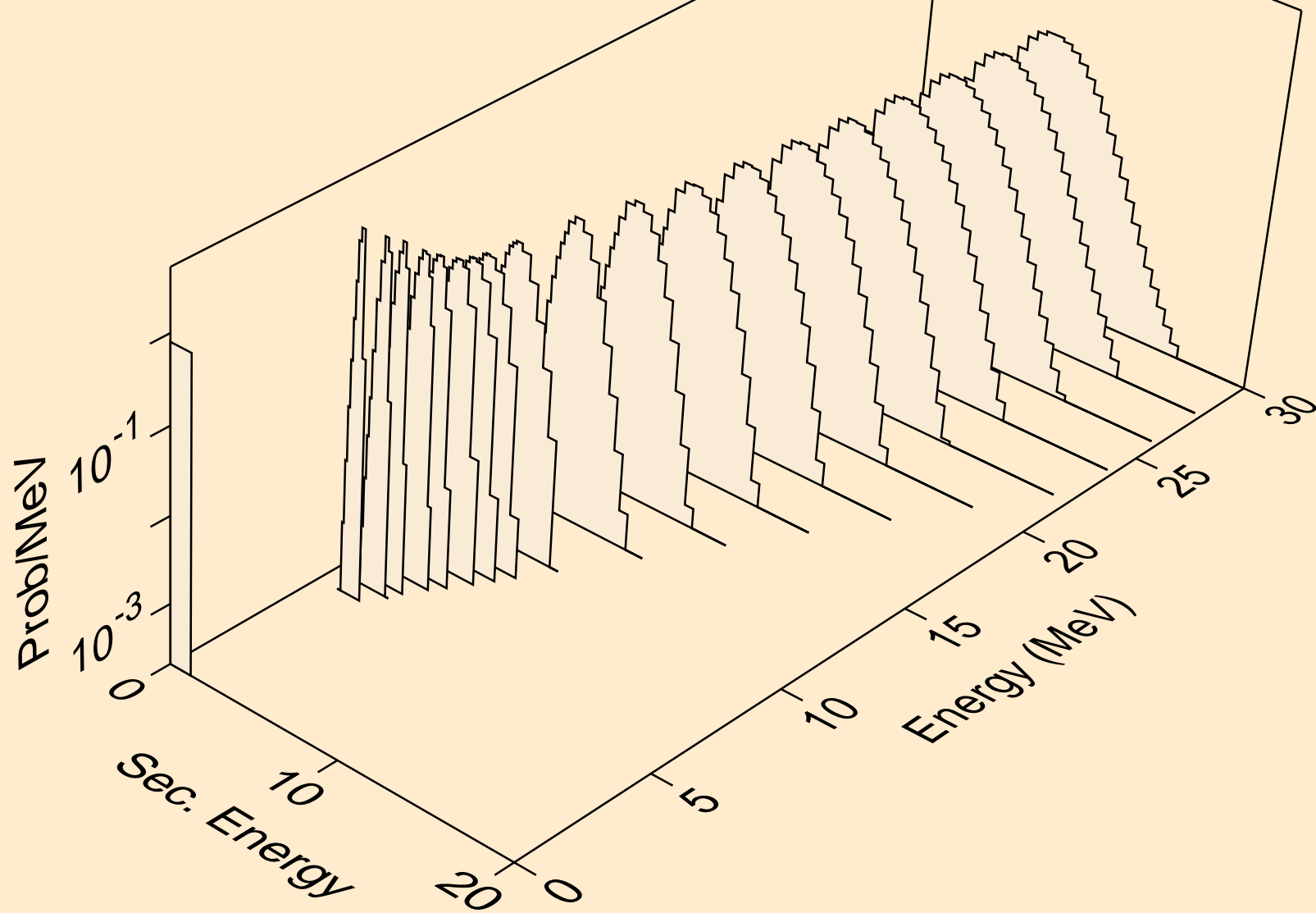
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

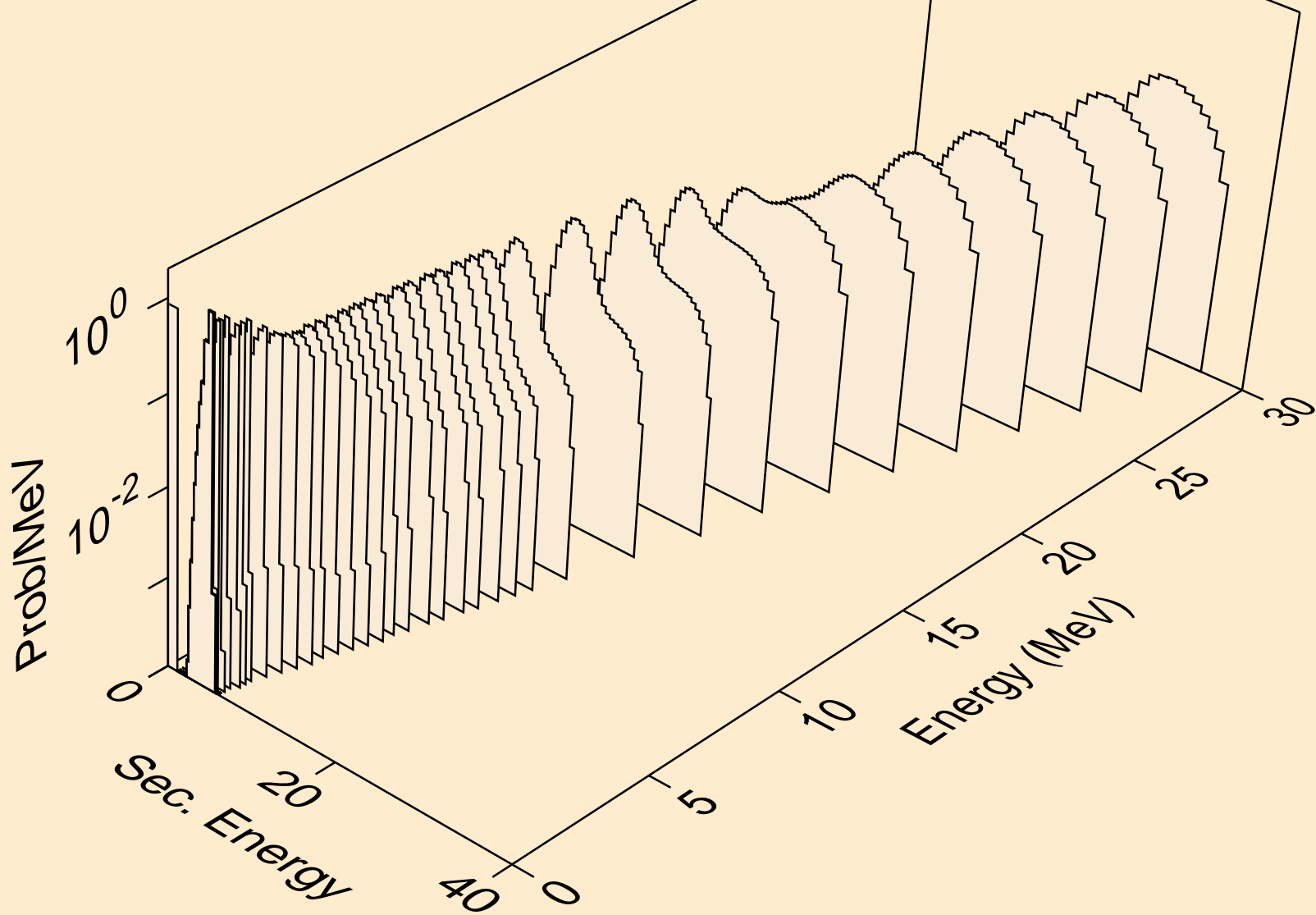


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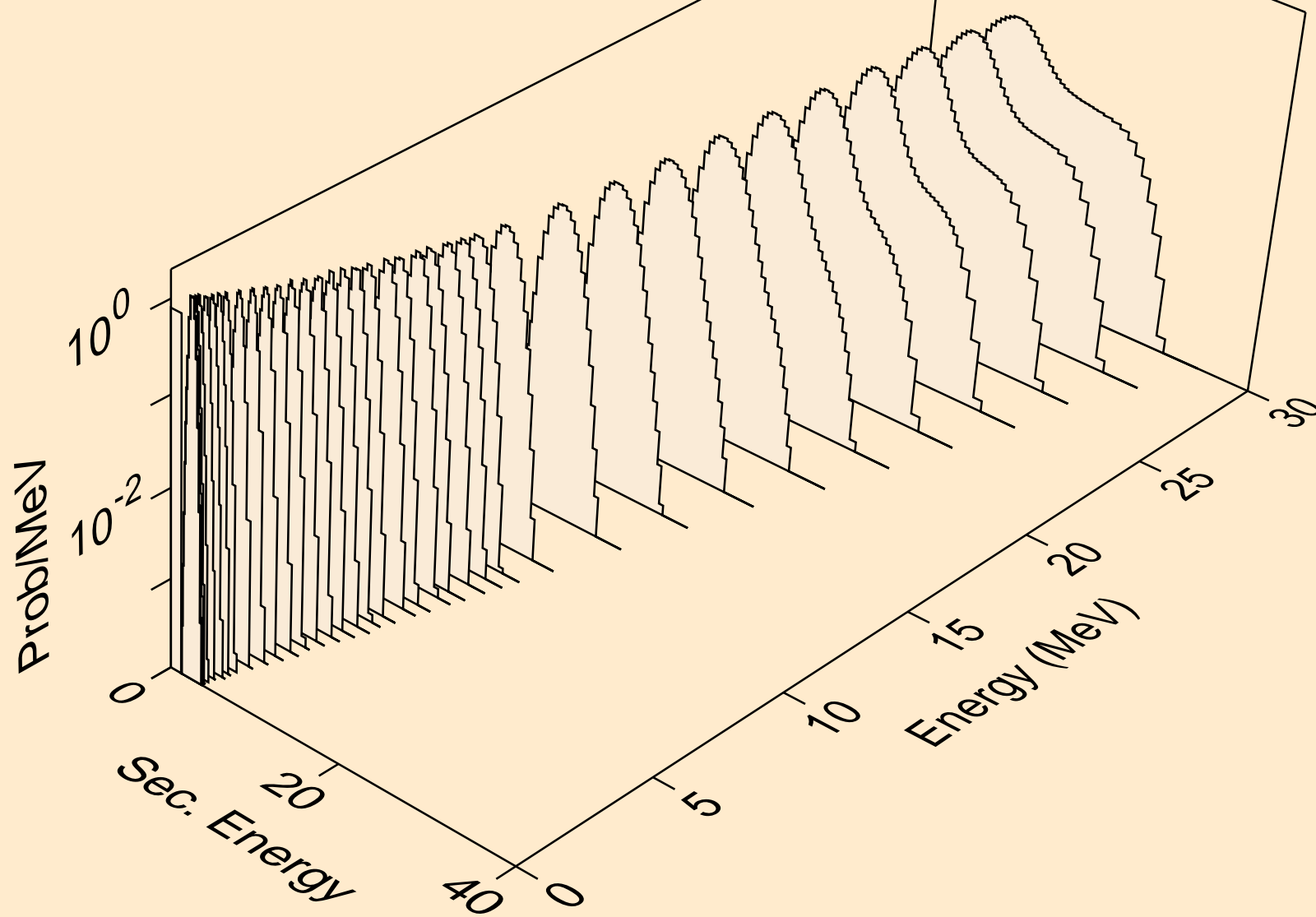




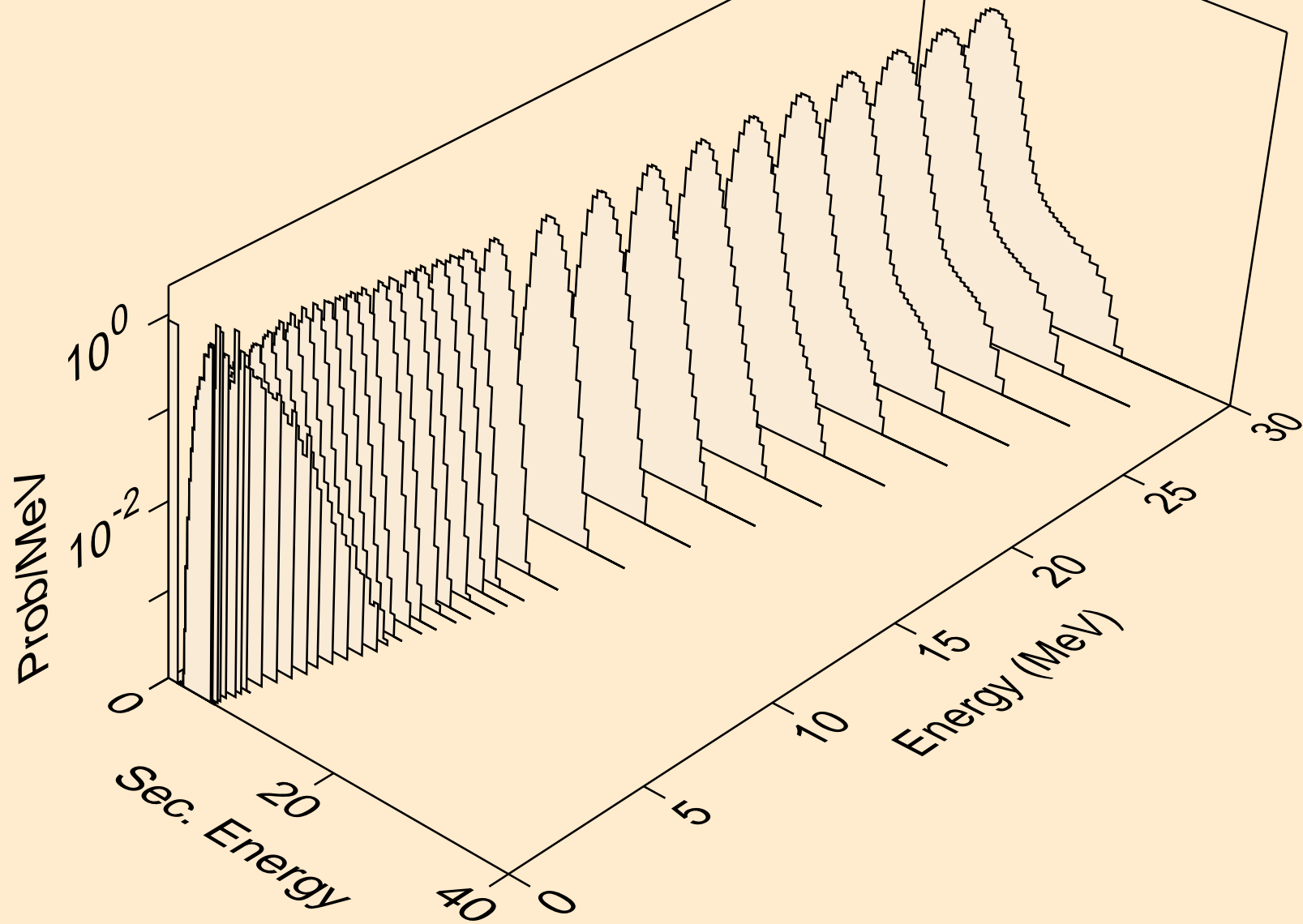
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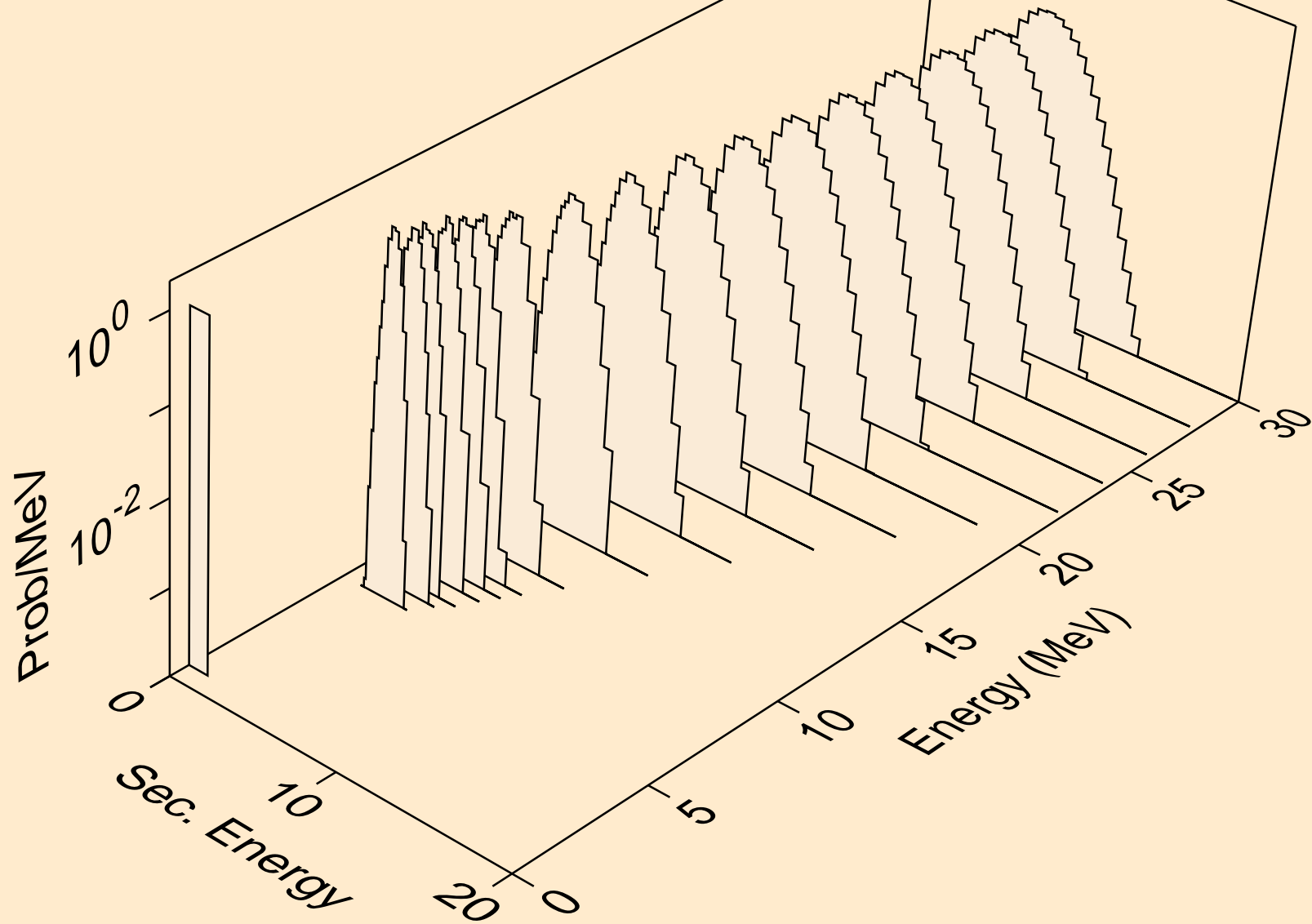
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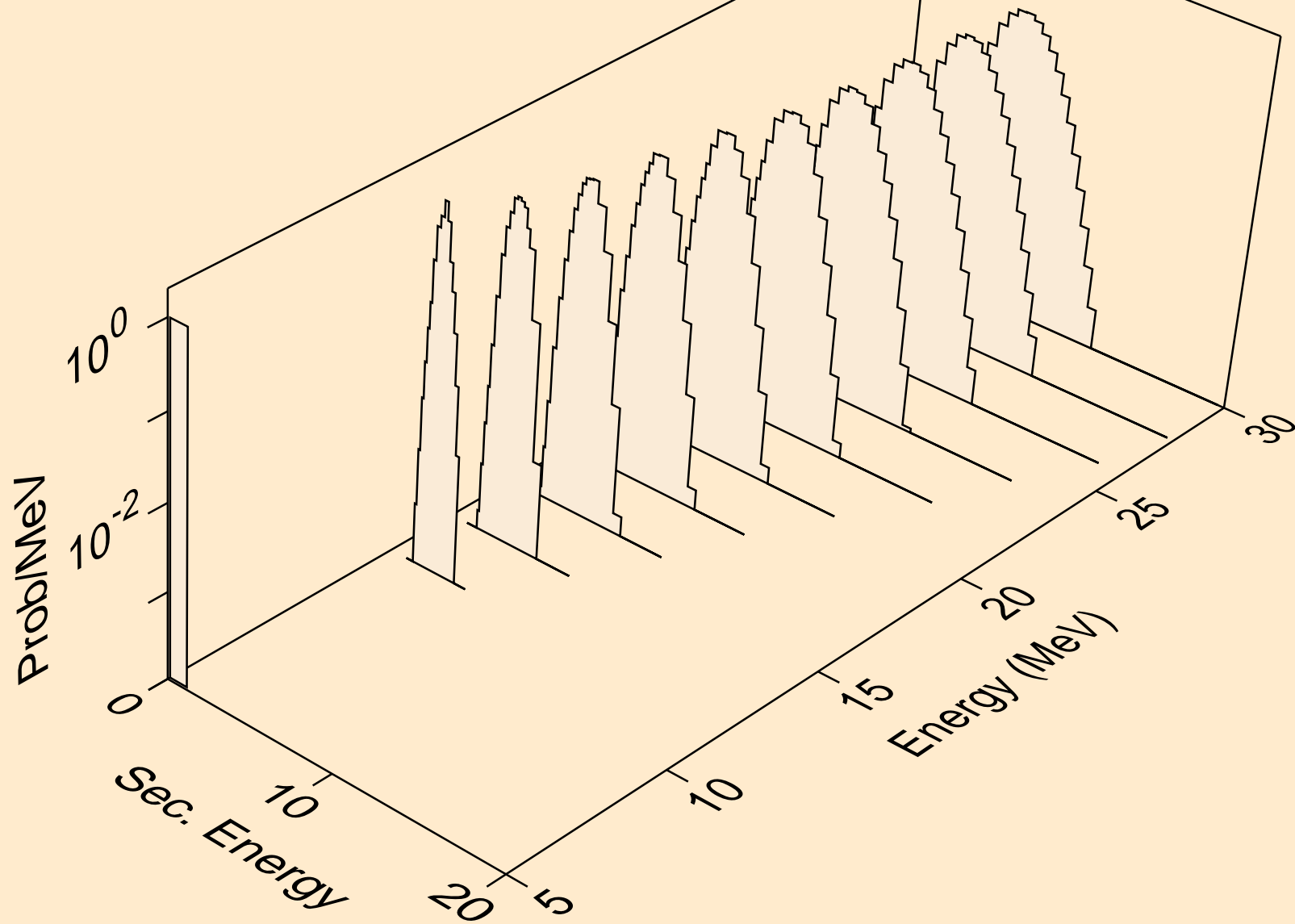
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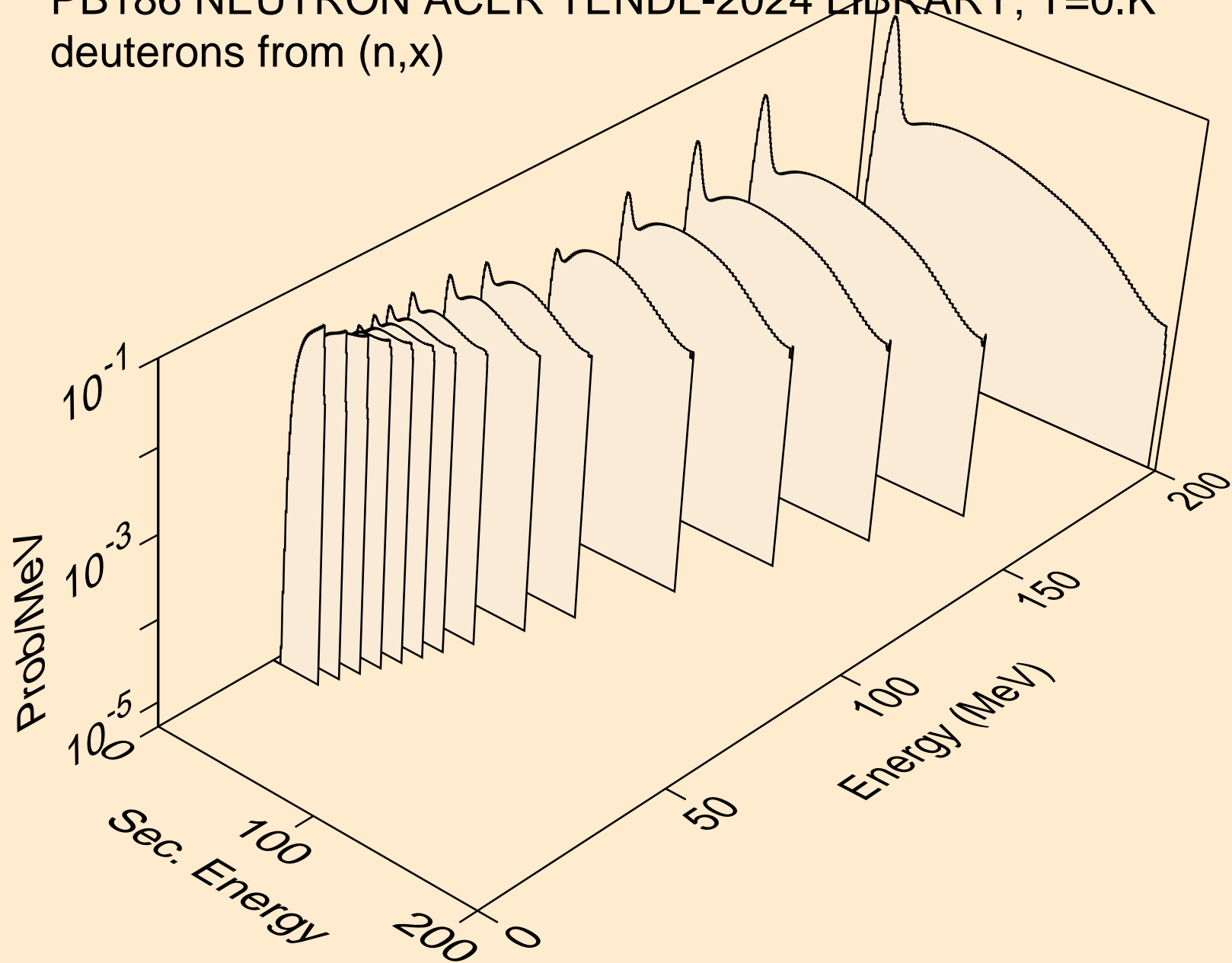
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



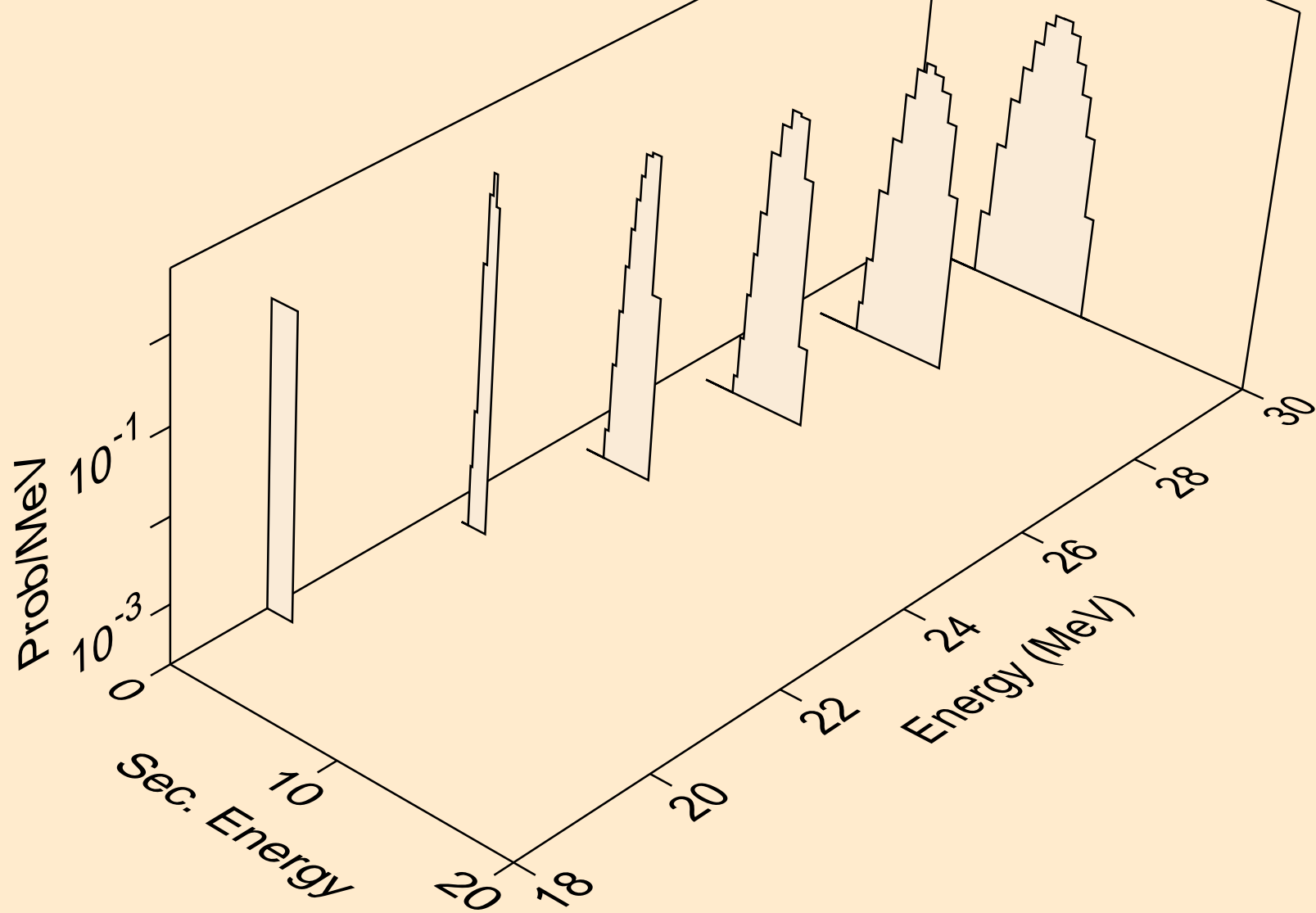
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protons from (n,pt)



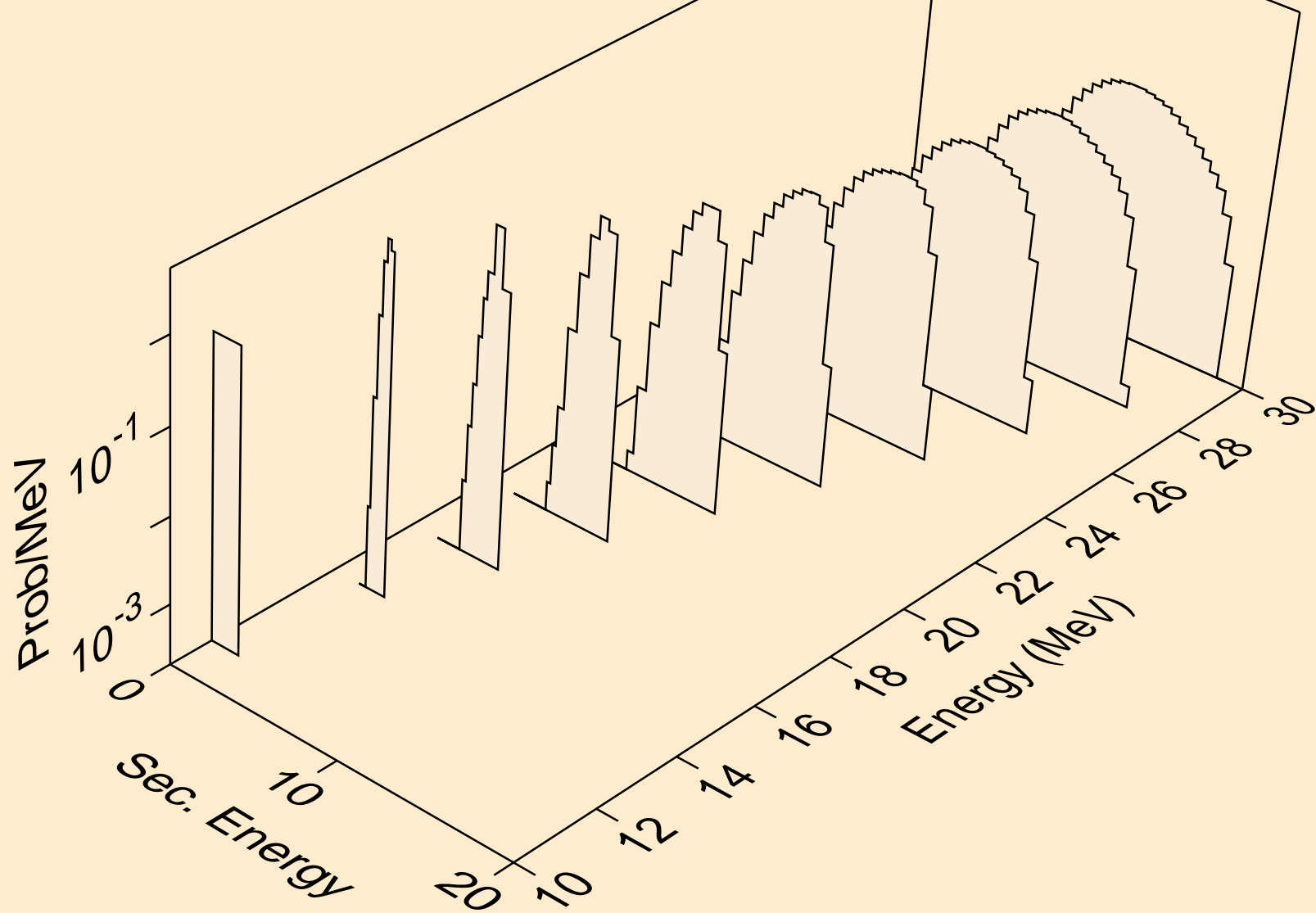
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

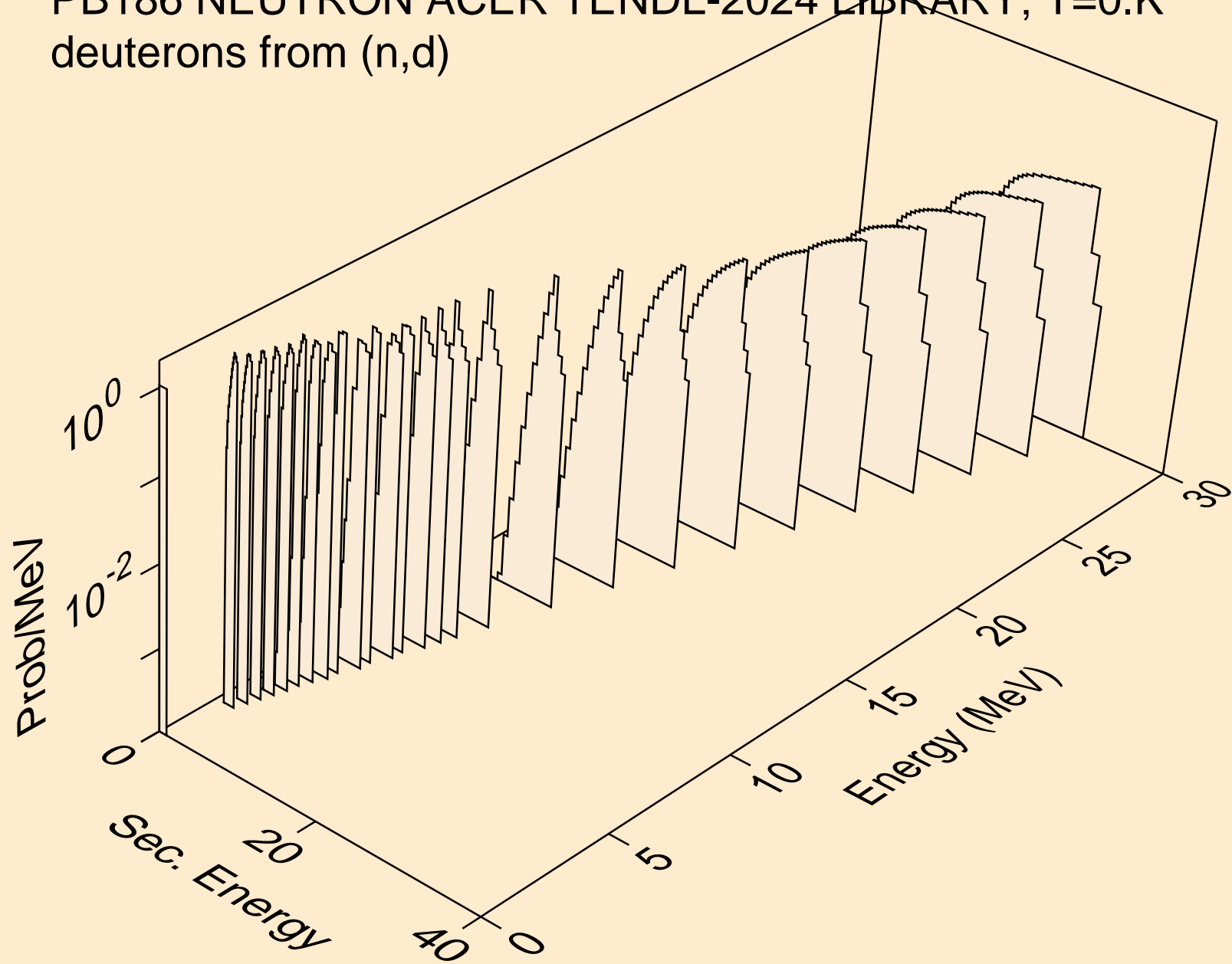


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

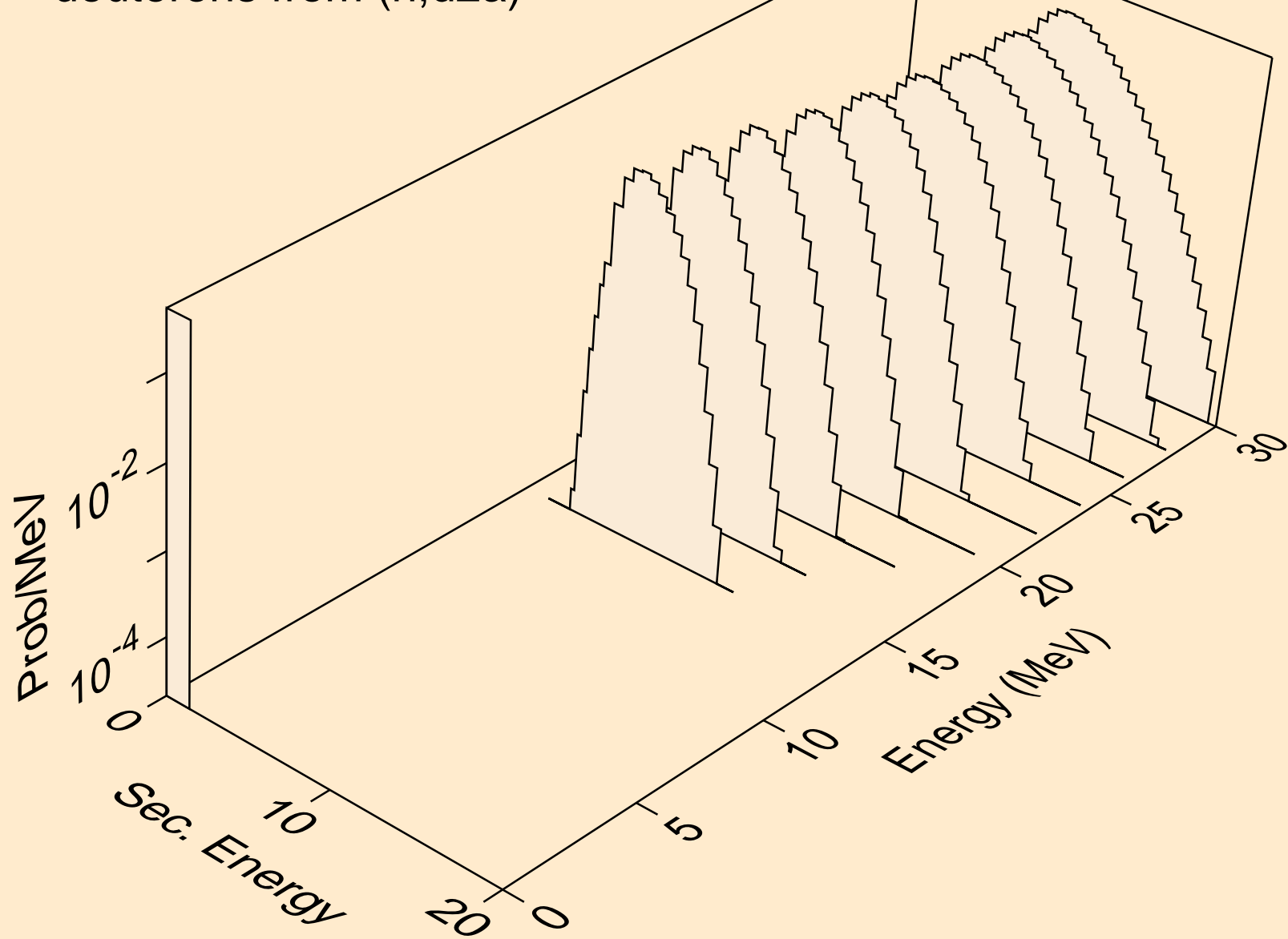




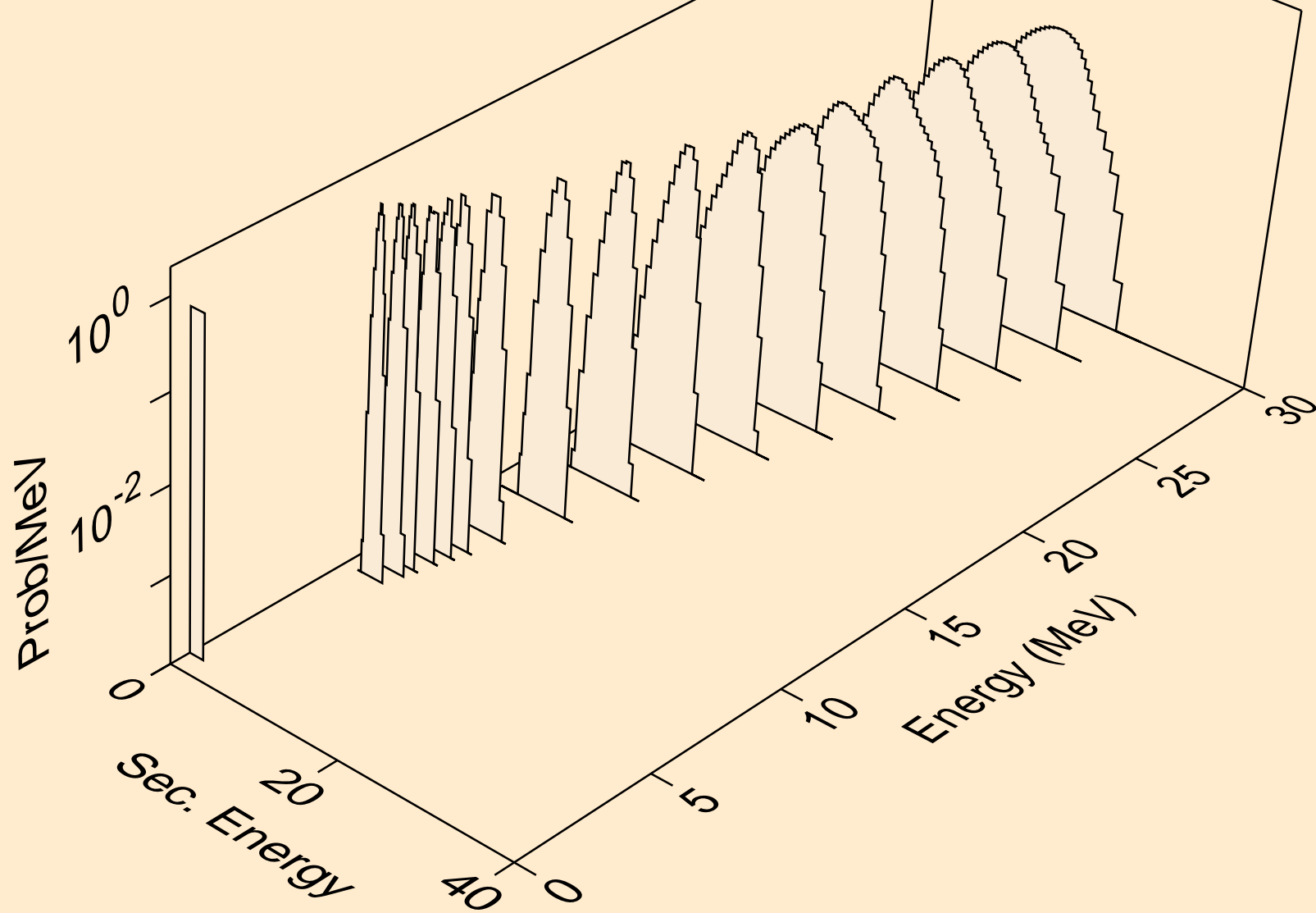
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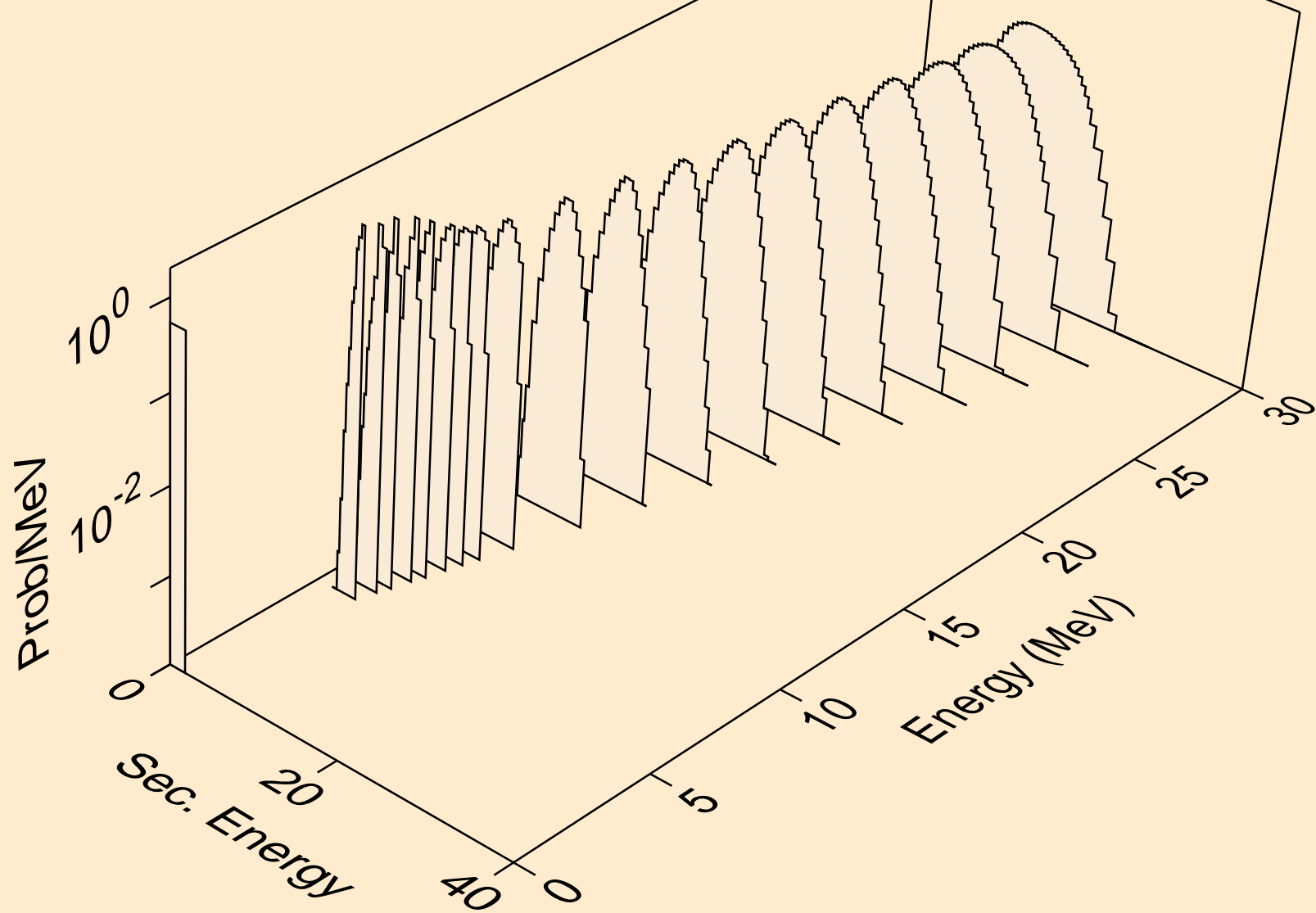
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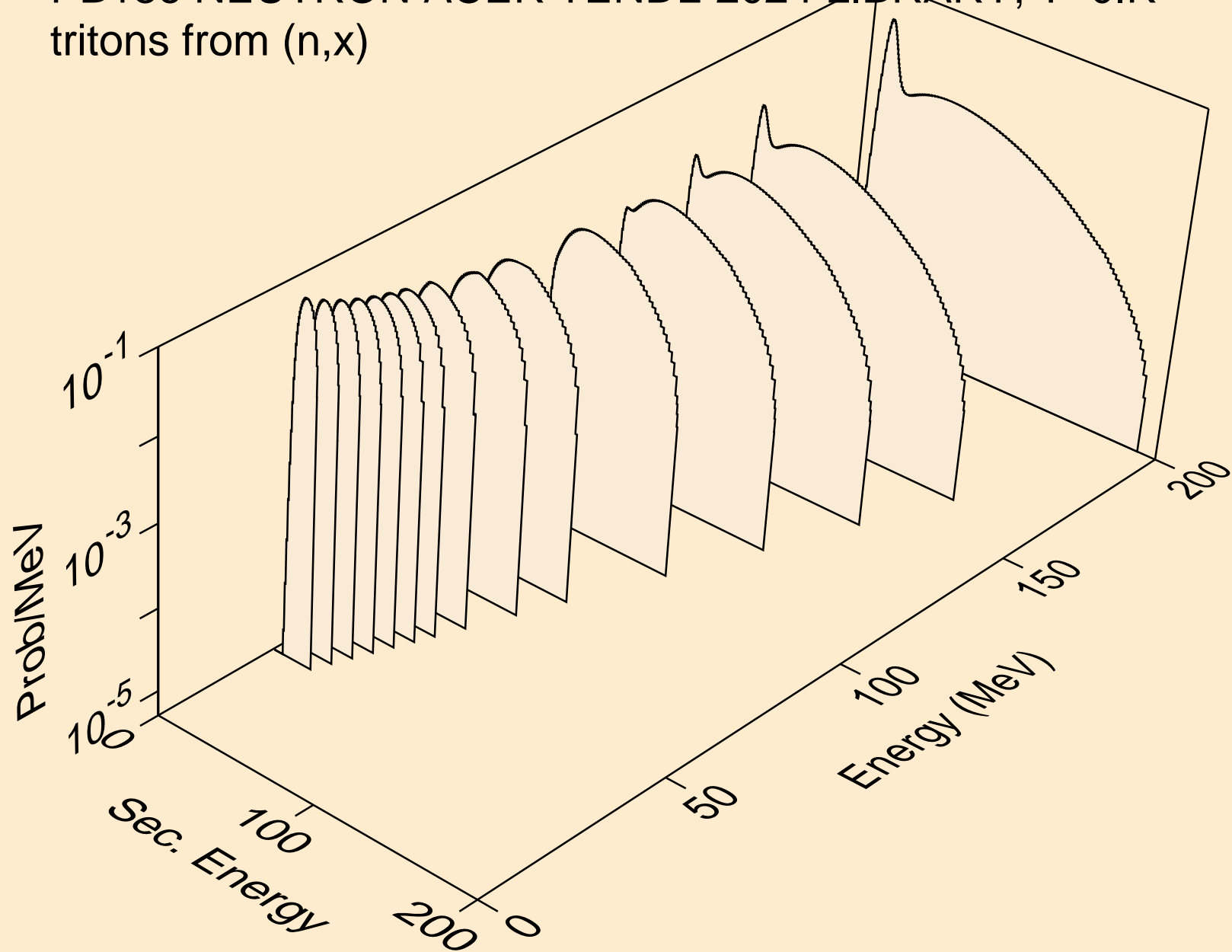
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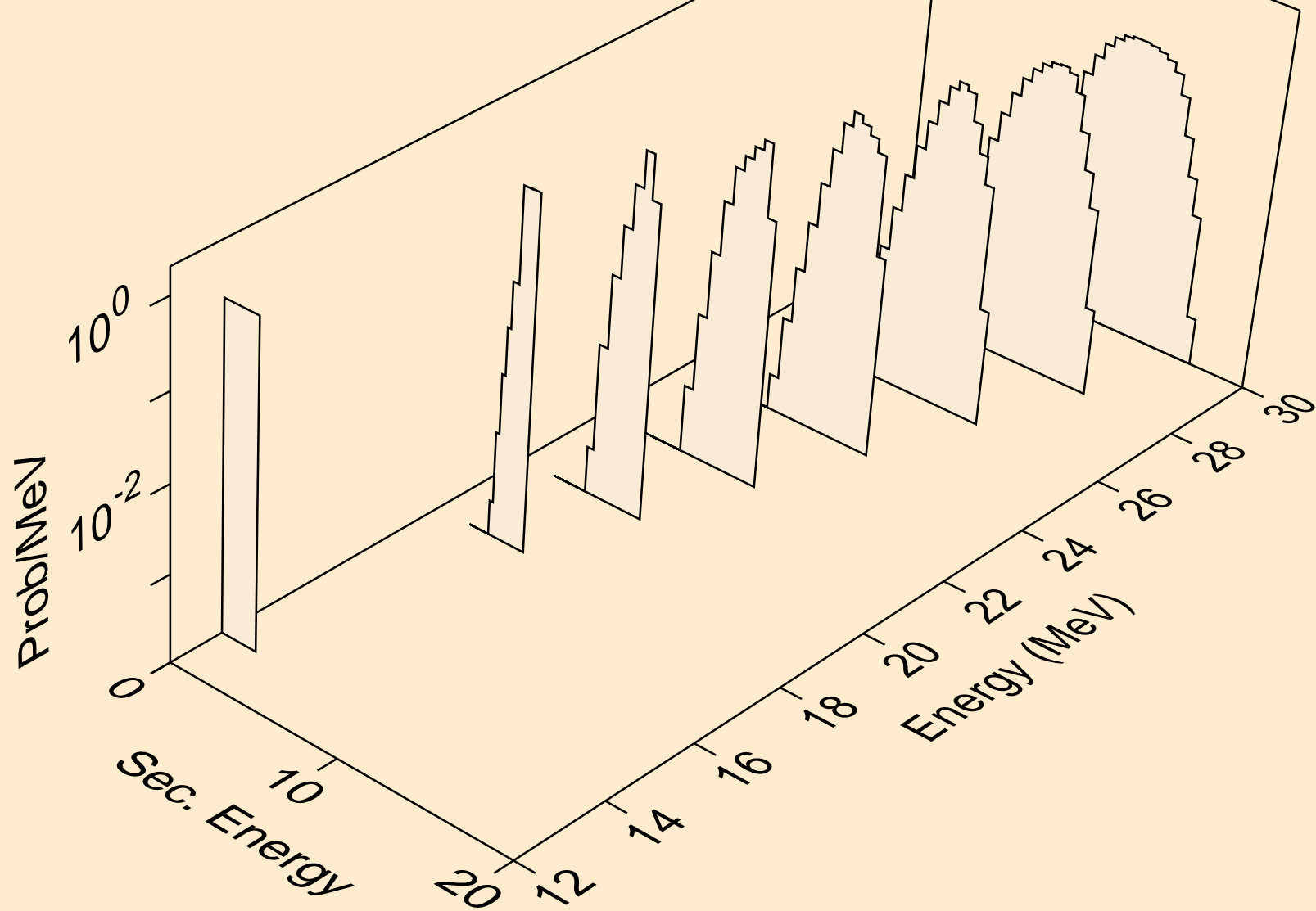
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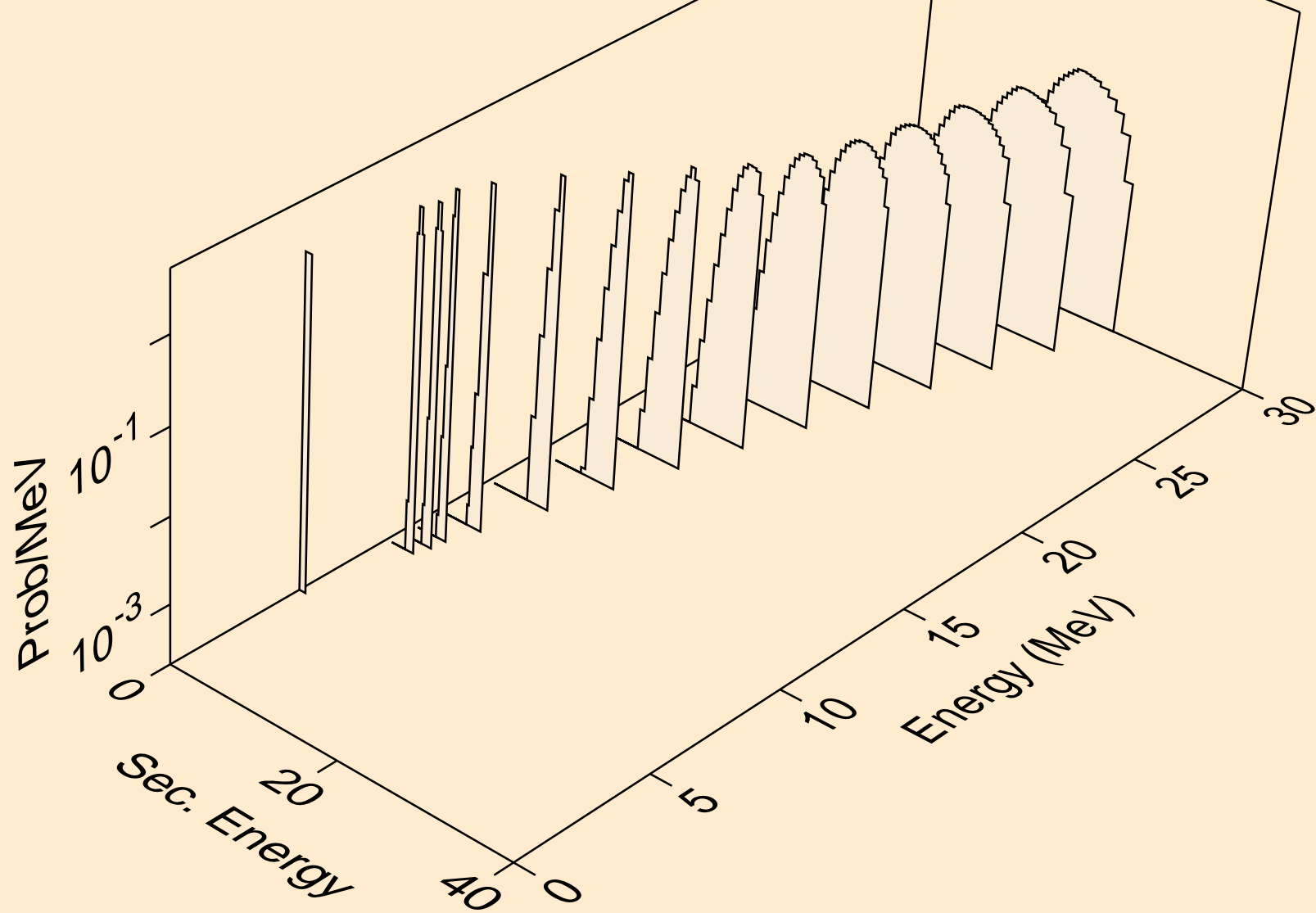
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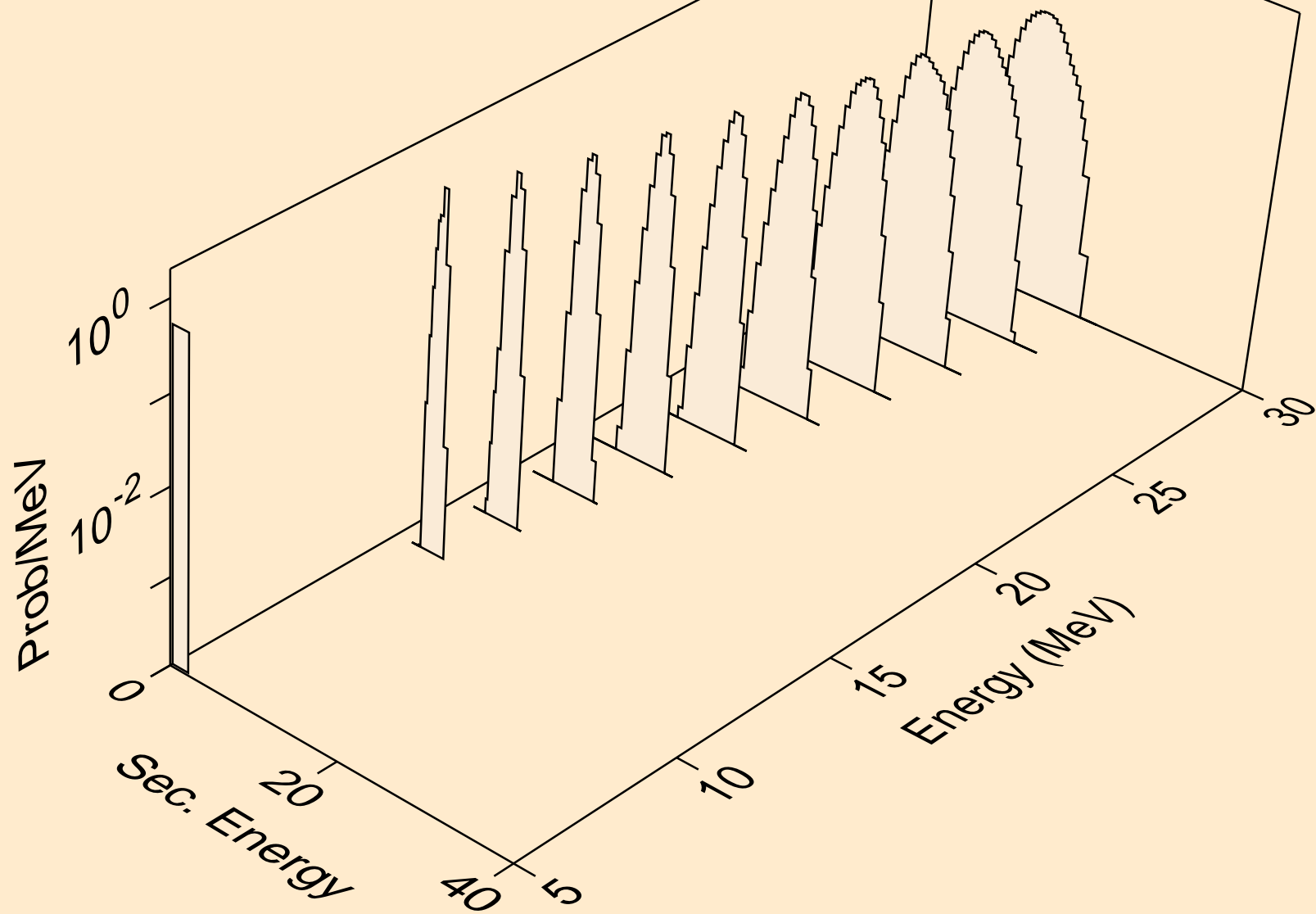
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

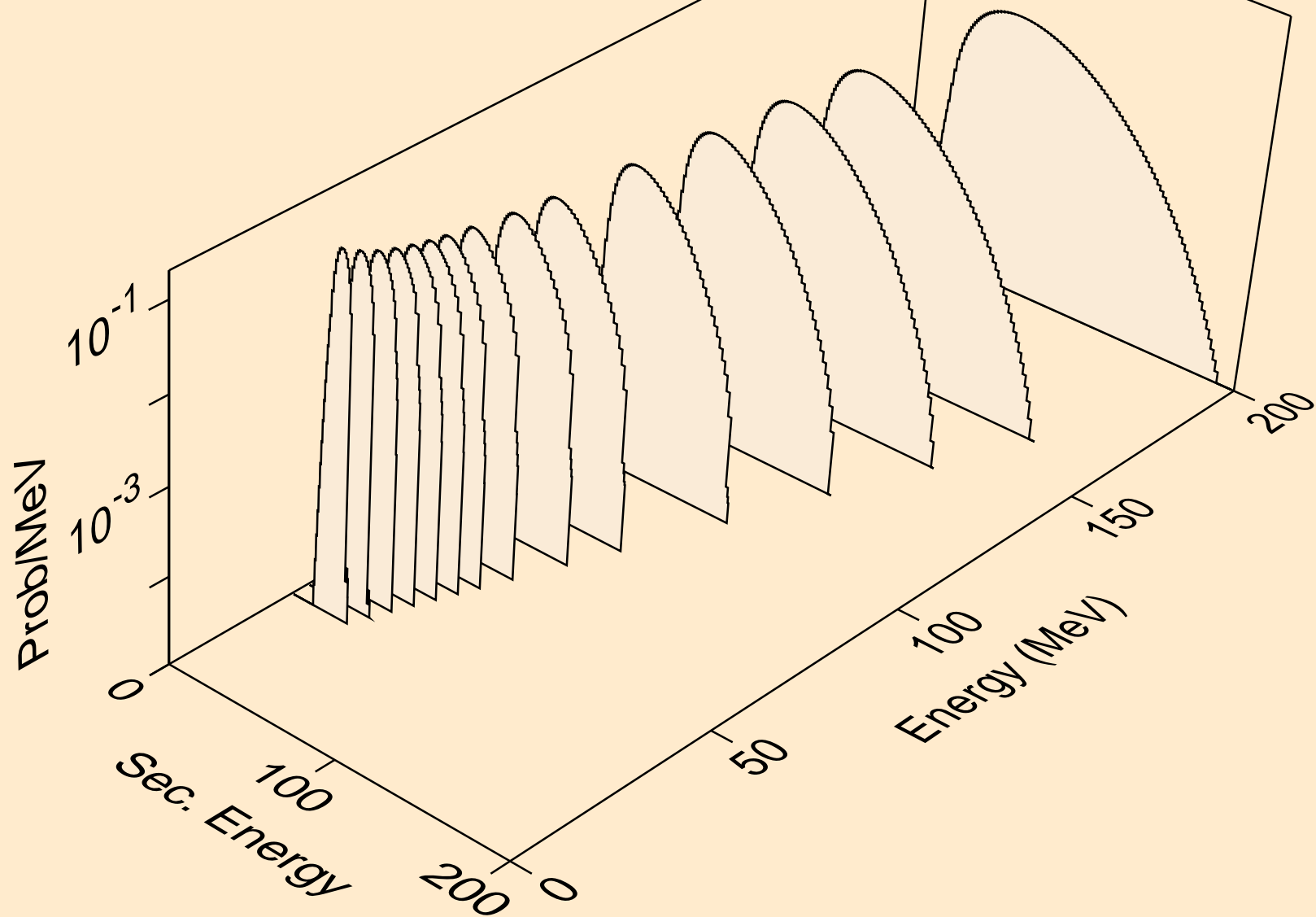


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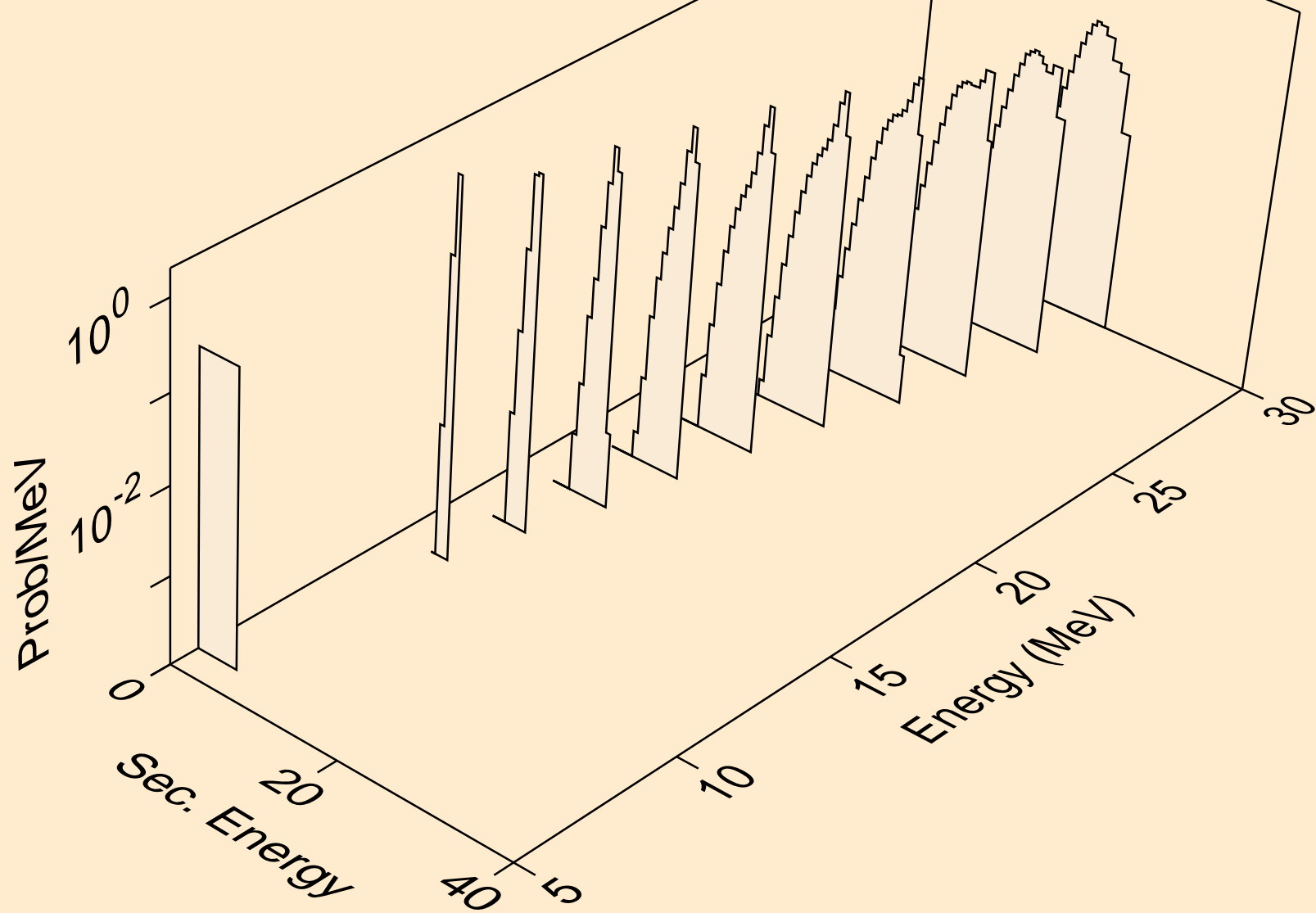




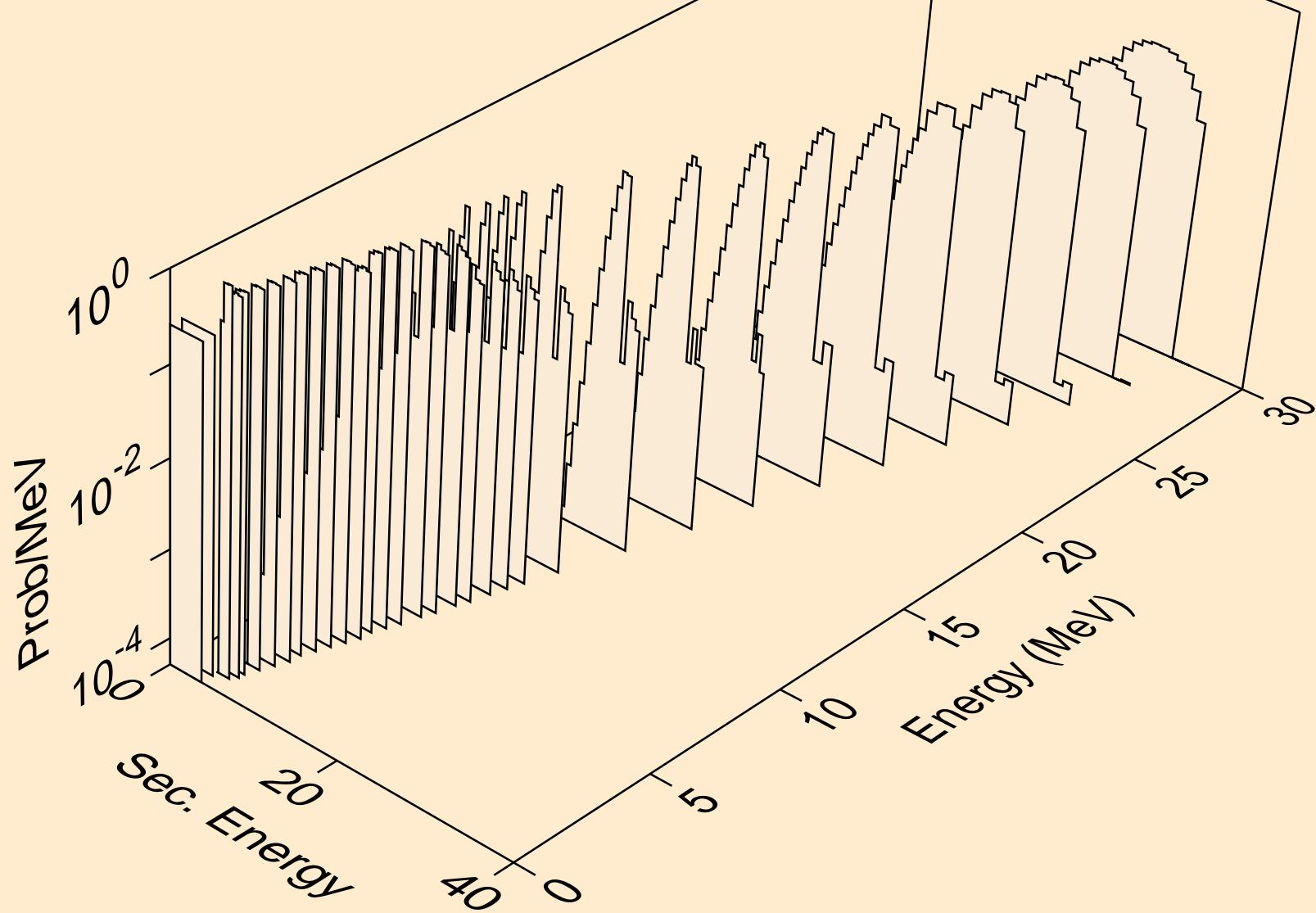
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



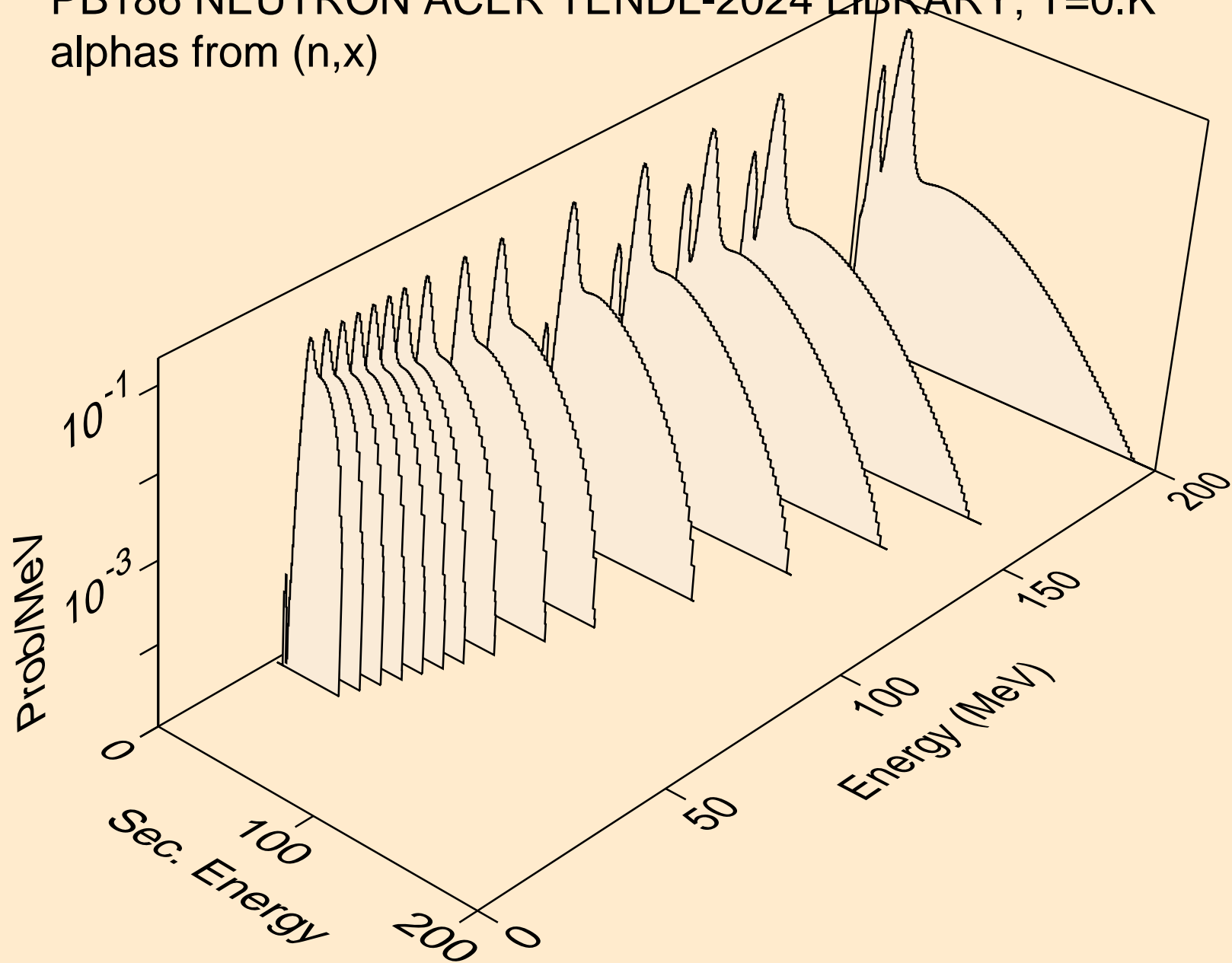
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



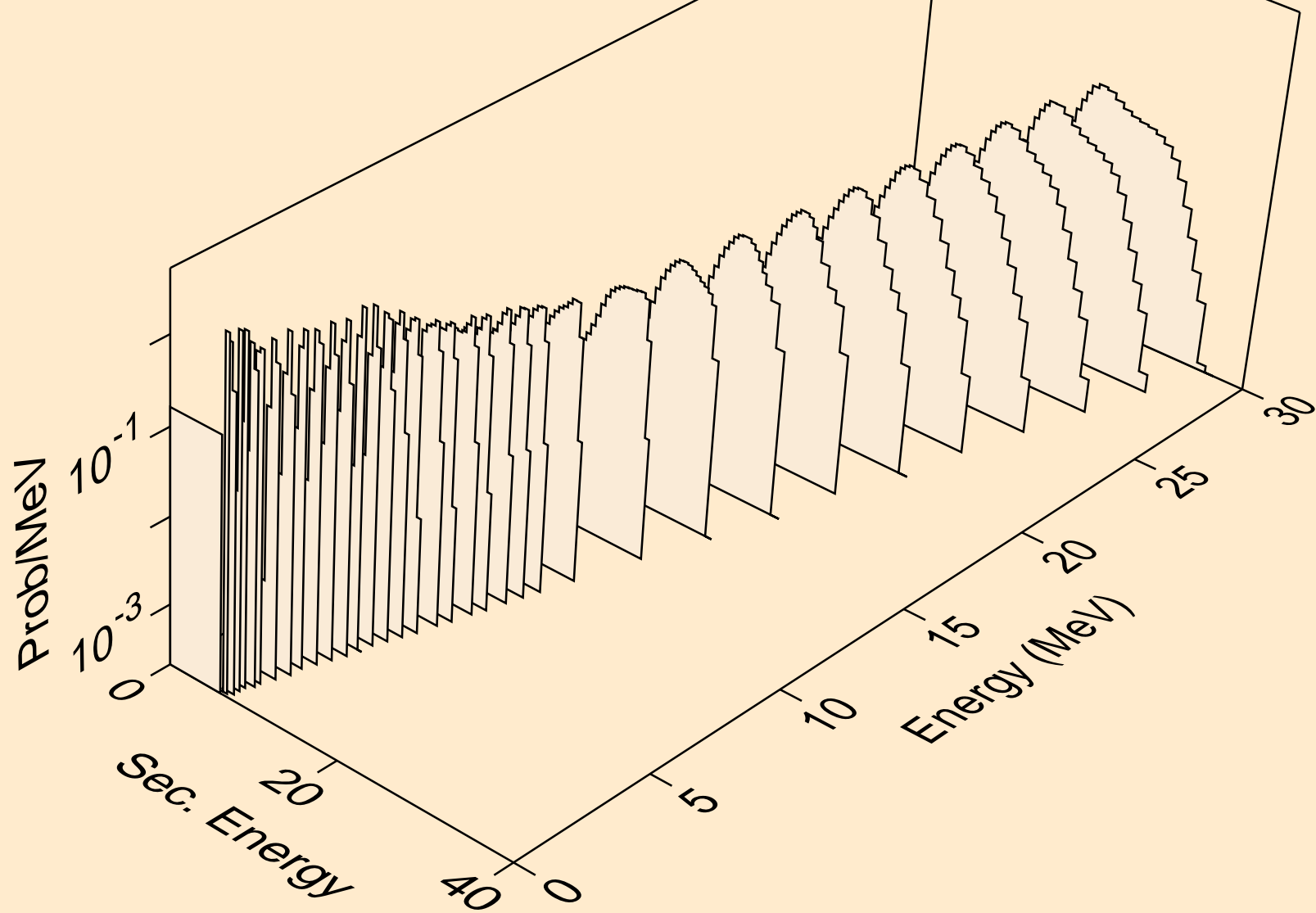
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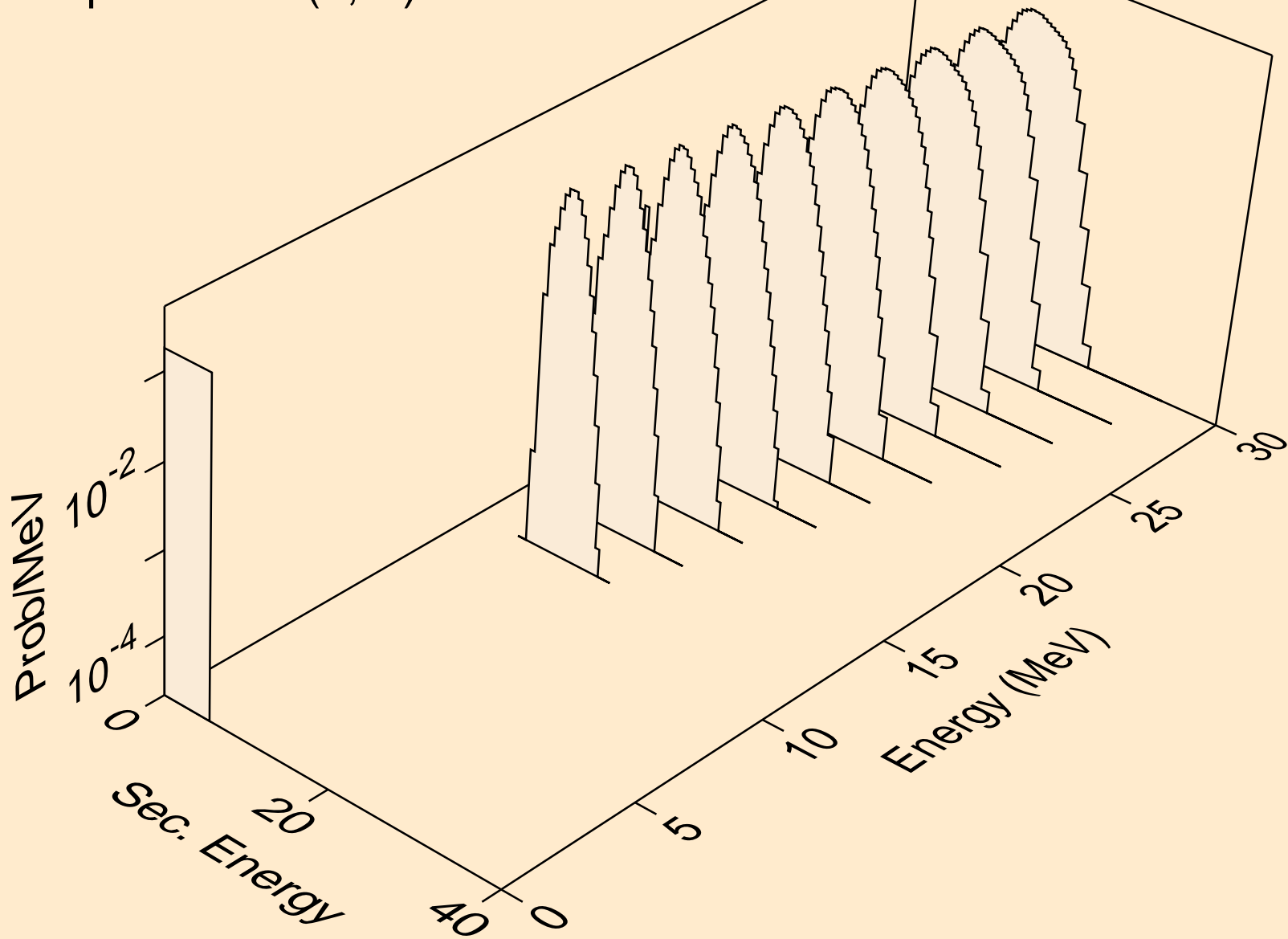
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



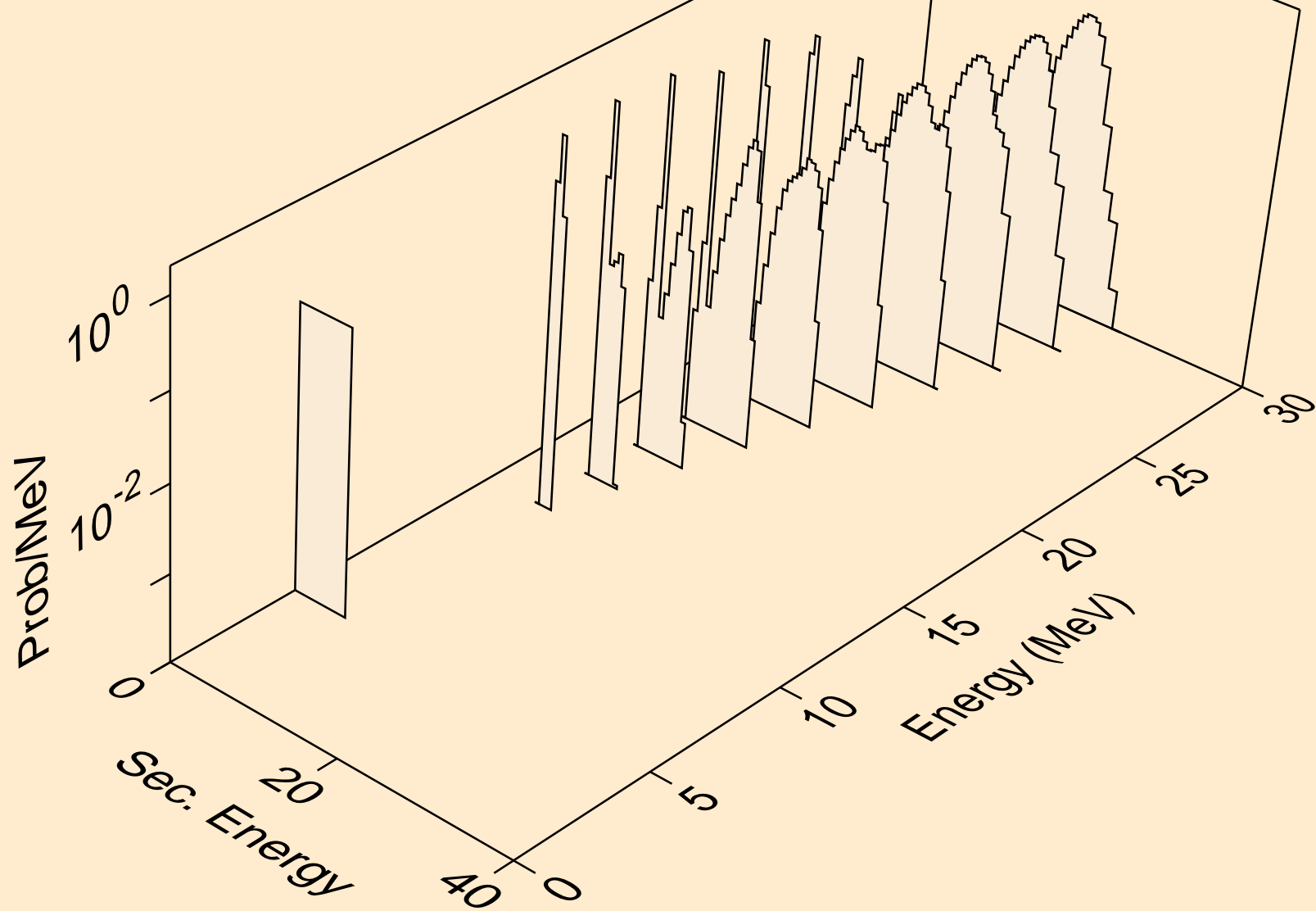
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



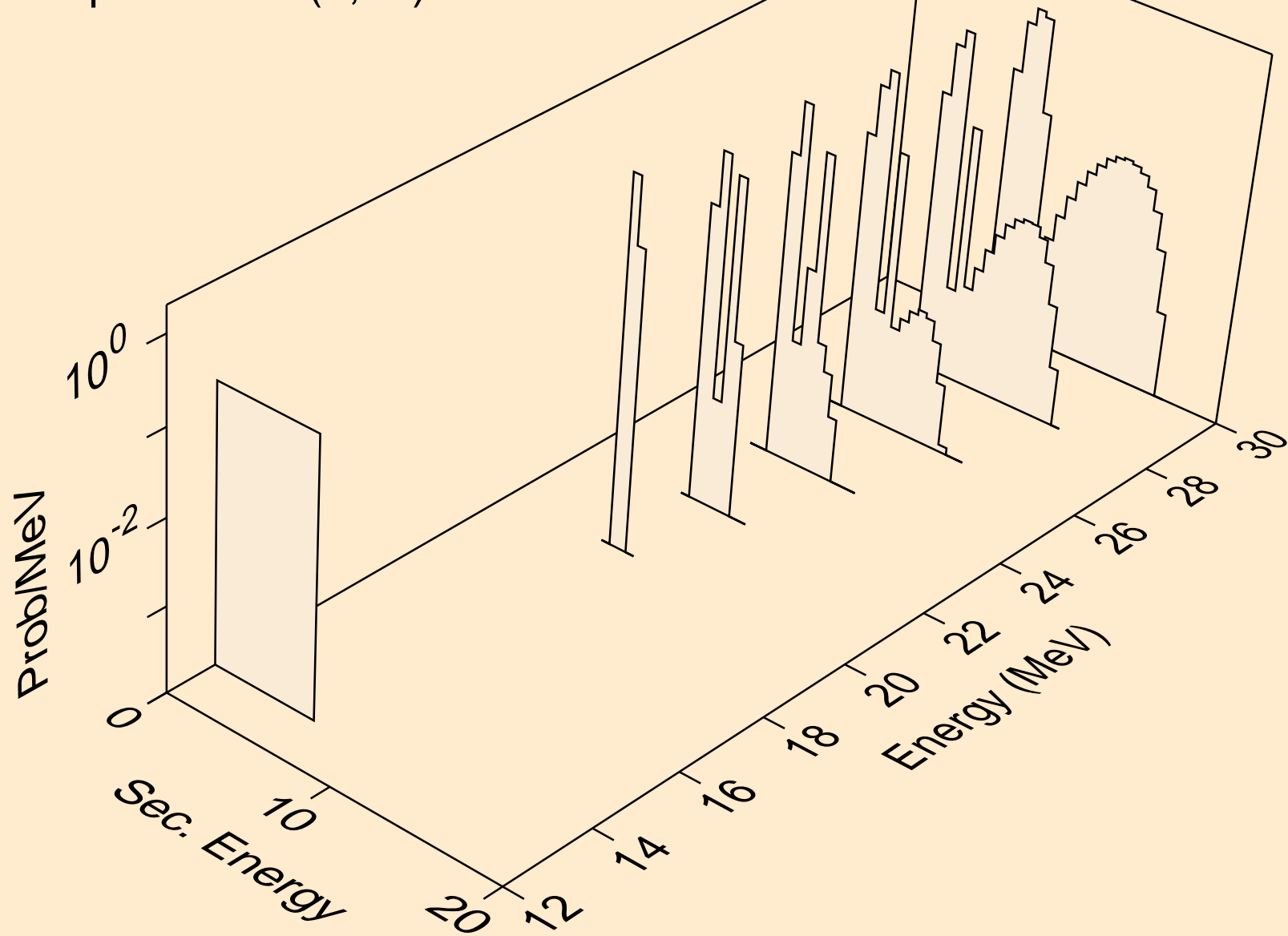
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)3a



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

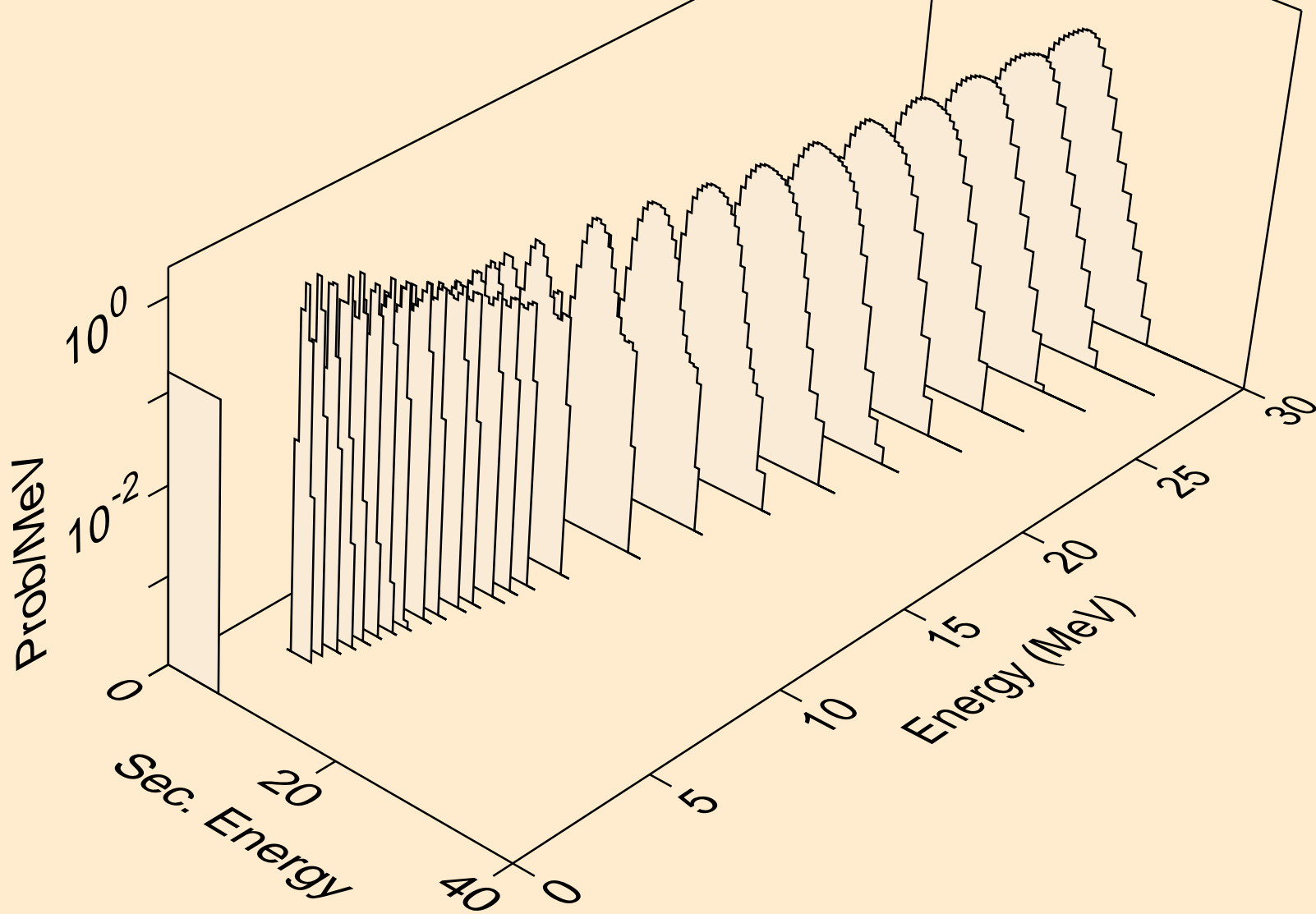


PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

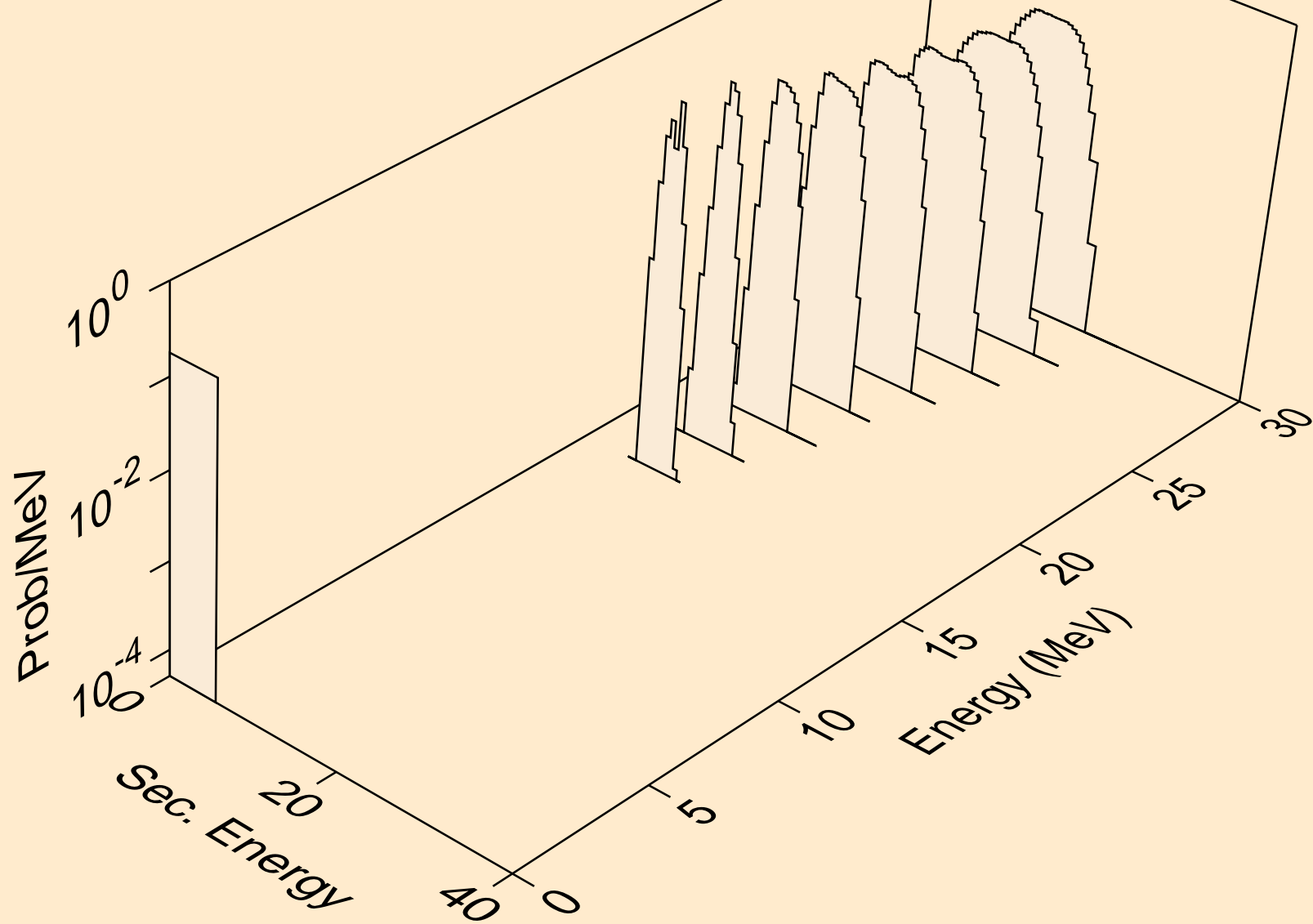




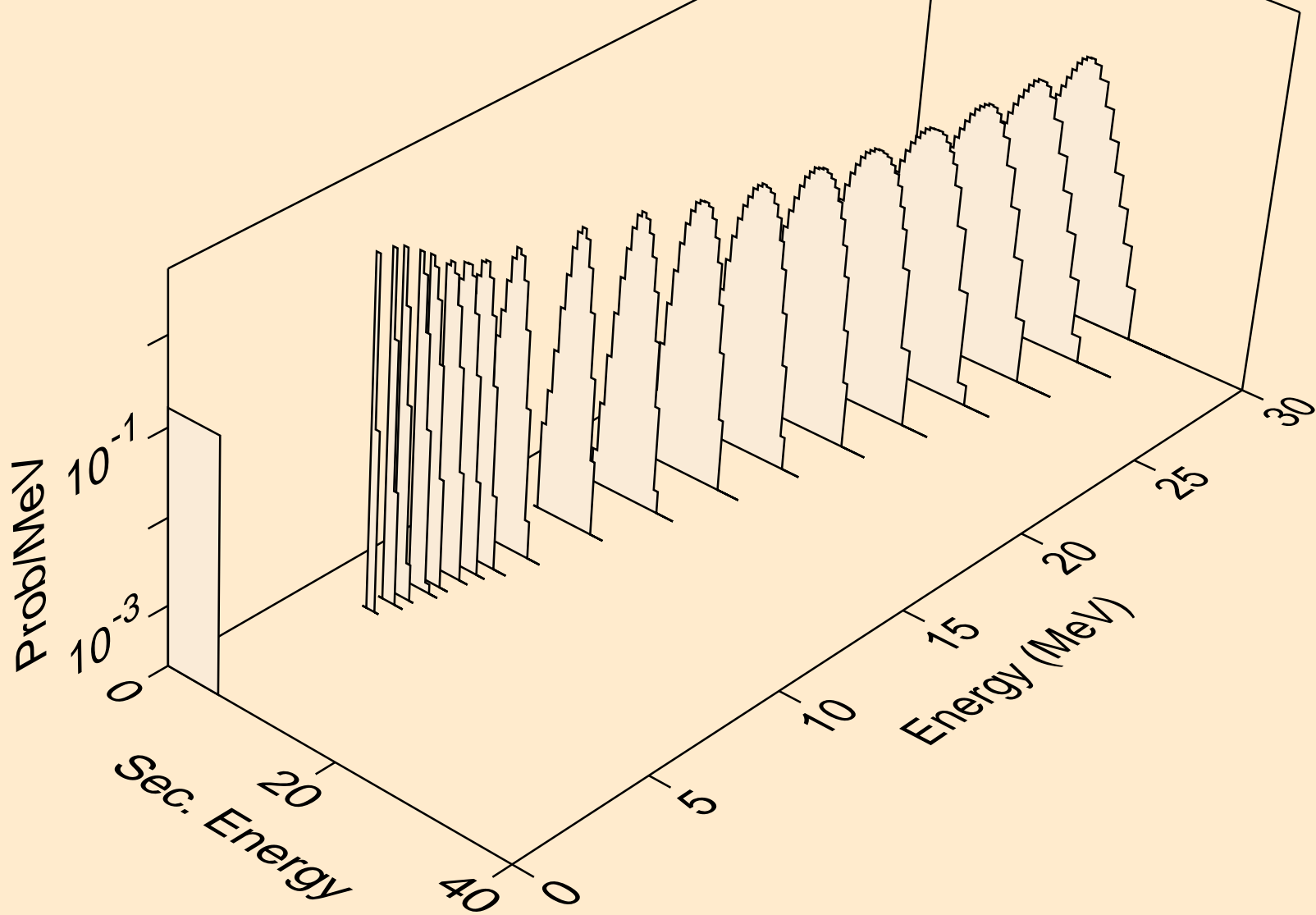
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alphas from (n,n\*)2a



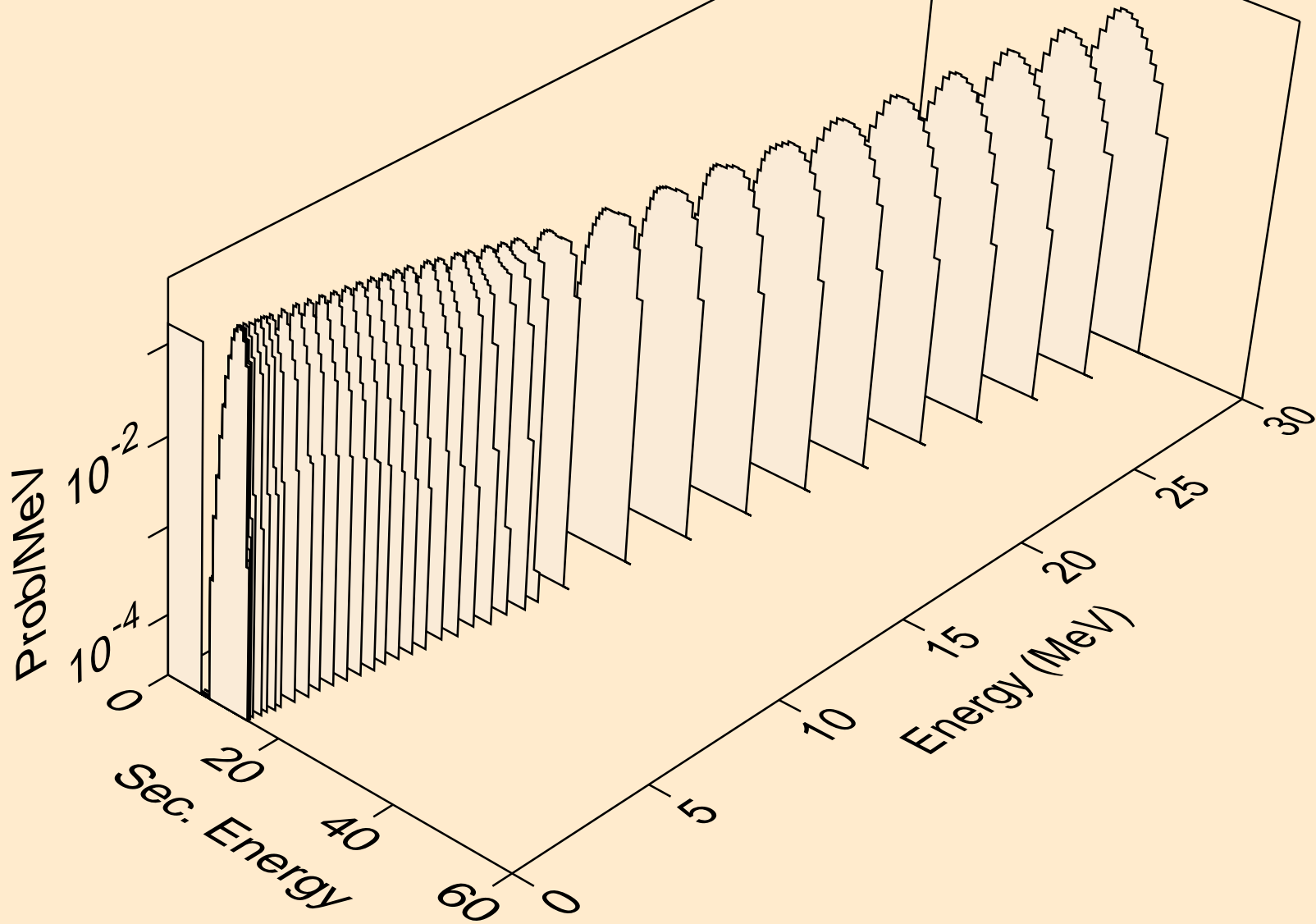
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alphas from (n,2n)2a



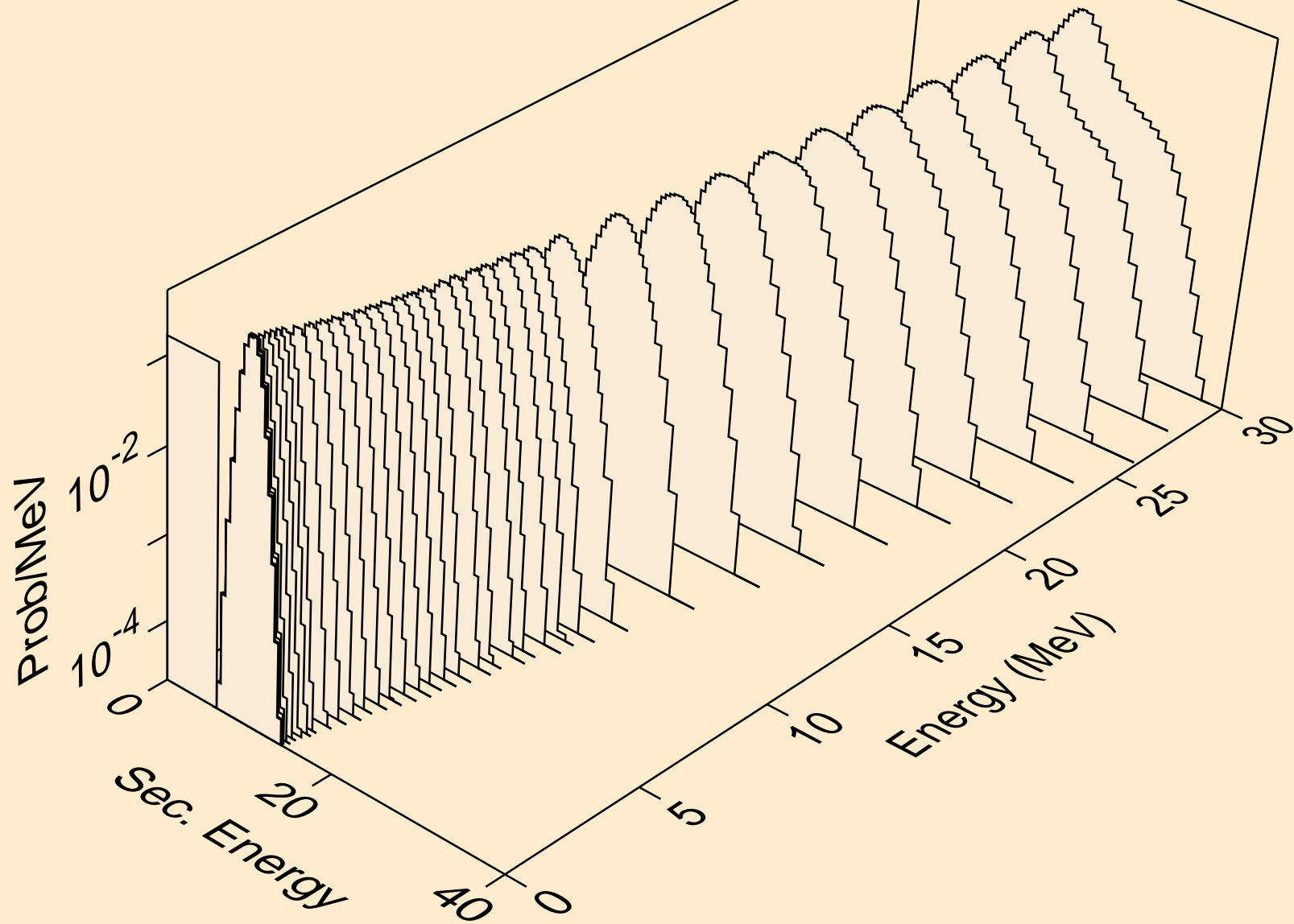
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



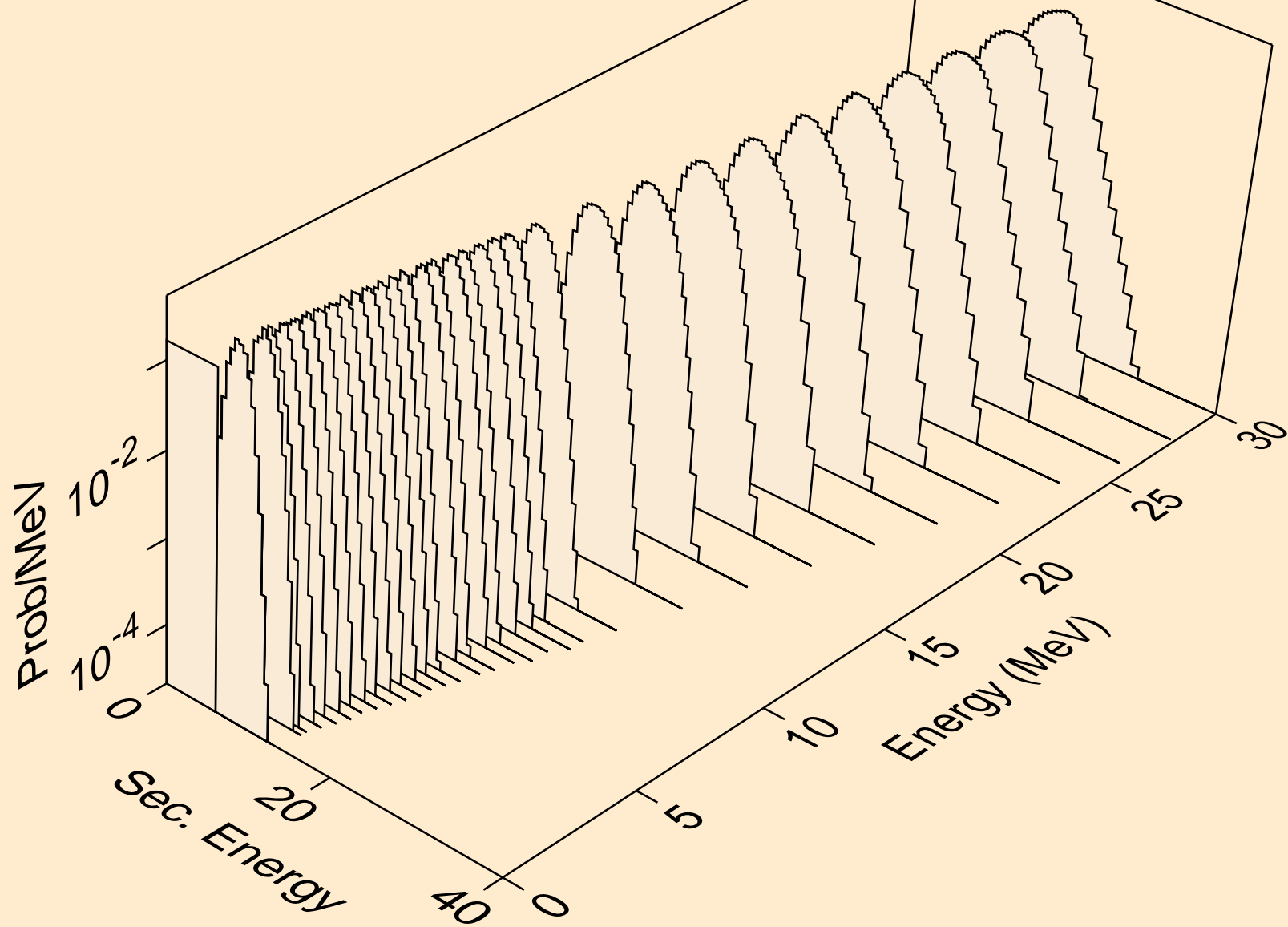
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alphas from (n,a)



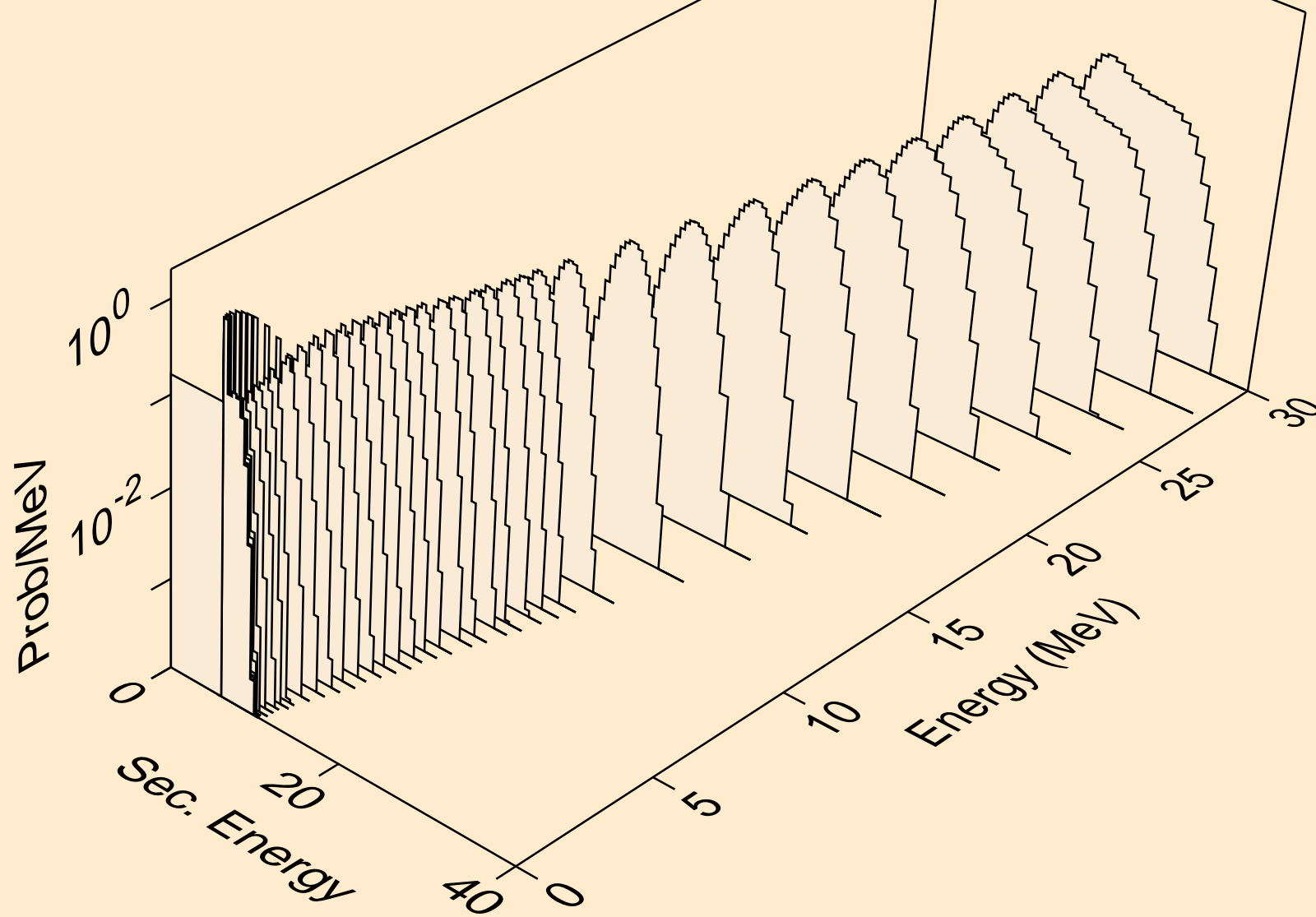
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



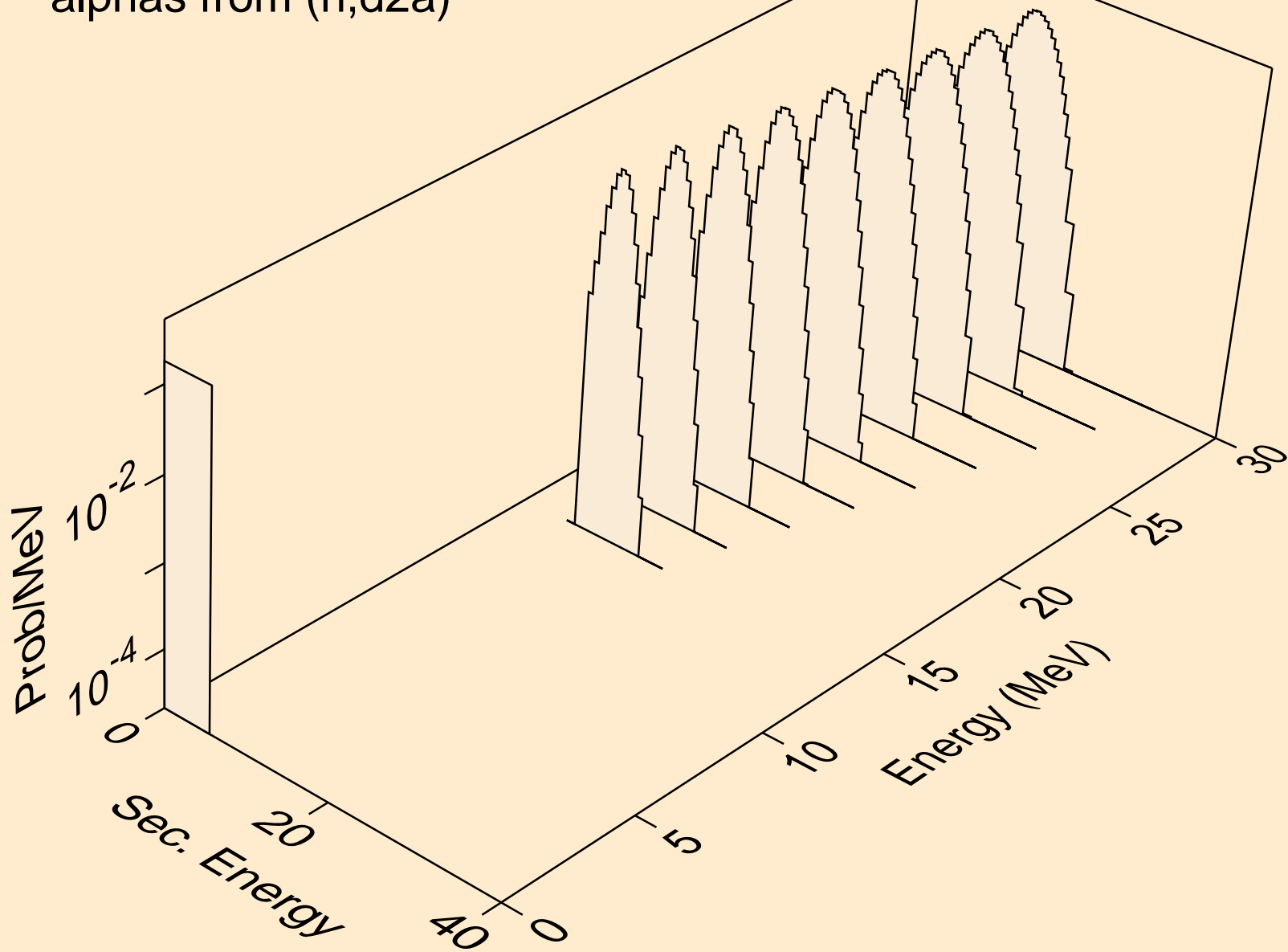
PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)





PB186 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

