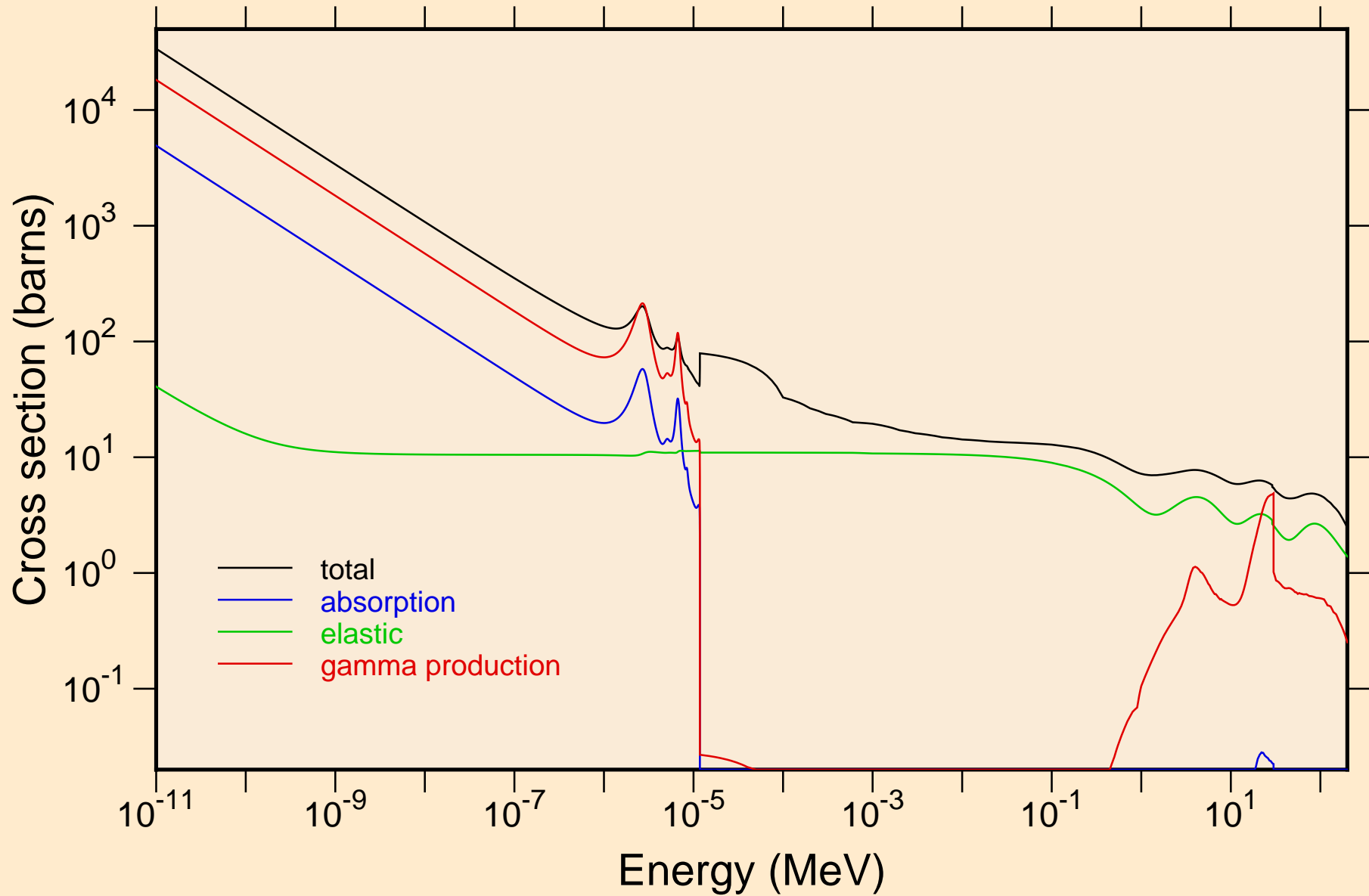


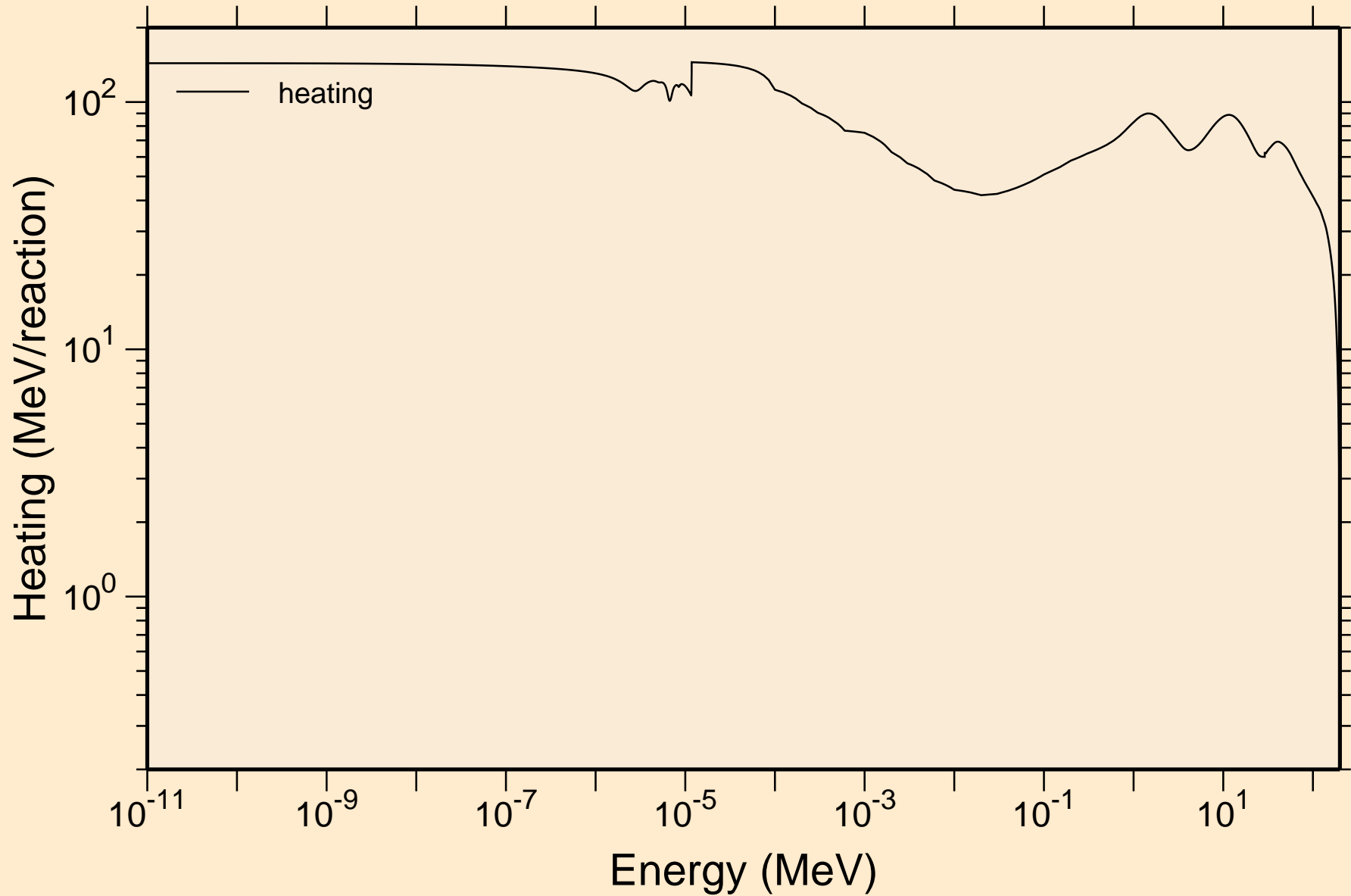
# U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

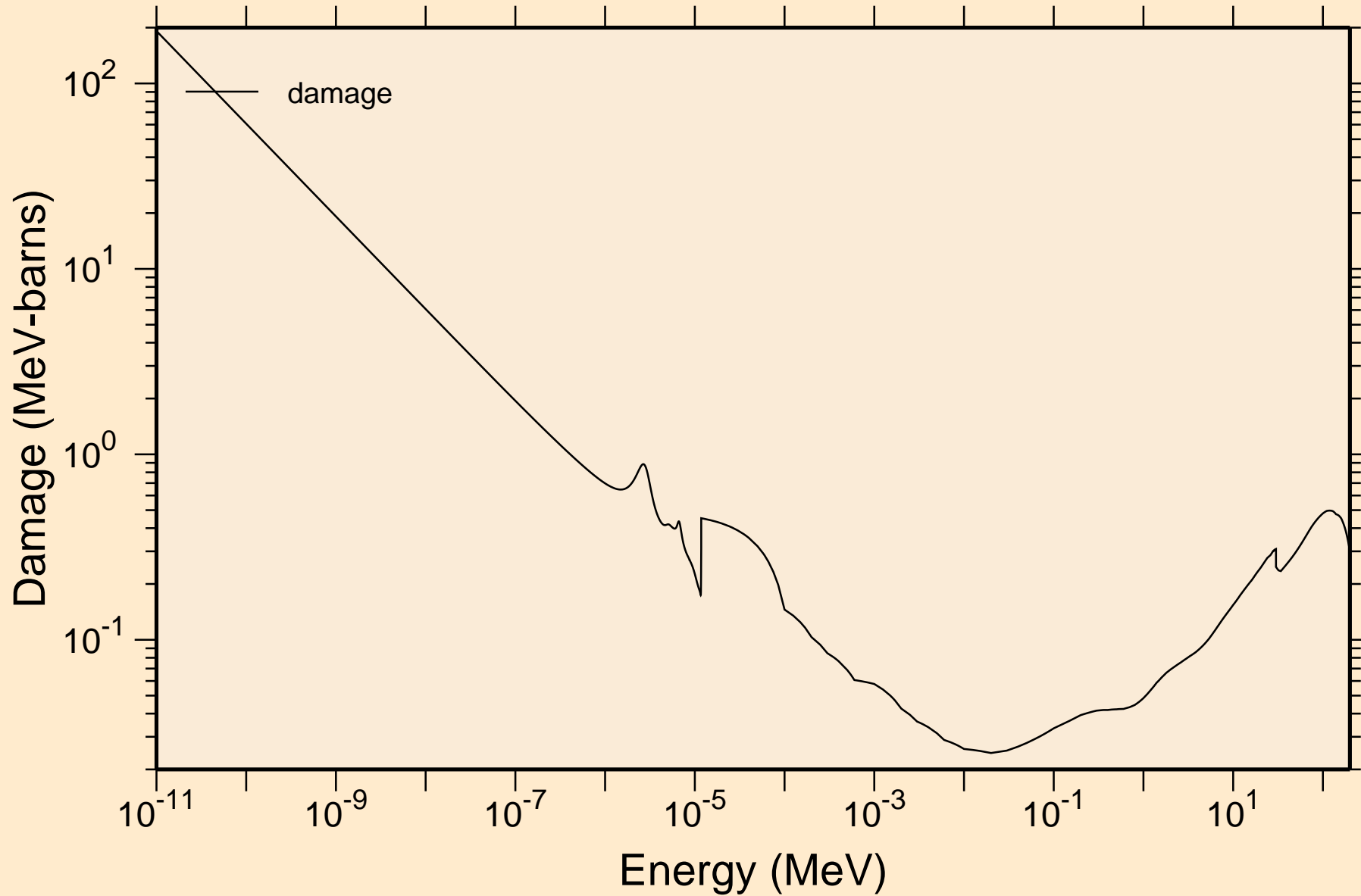


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

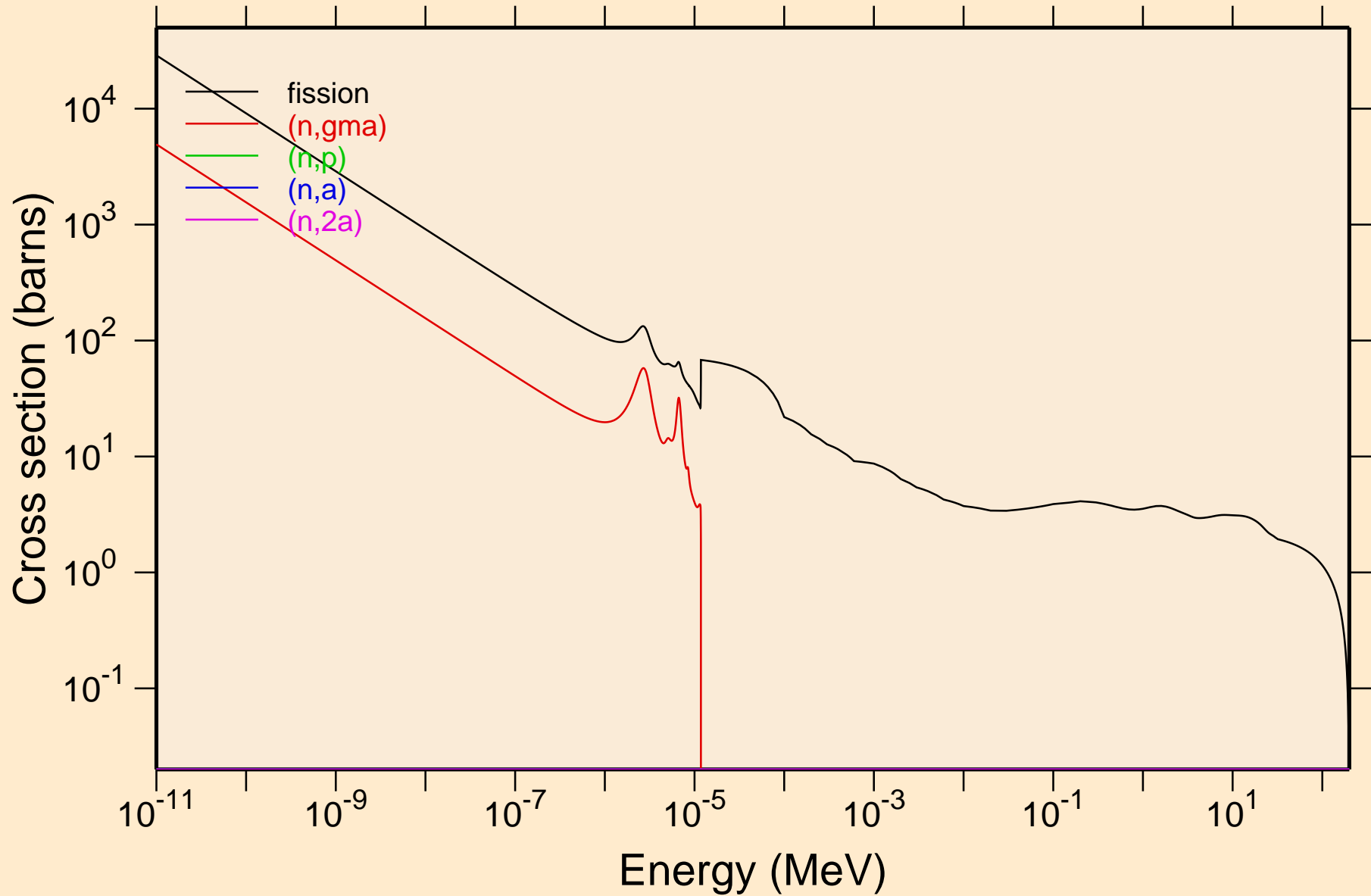
Heating



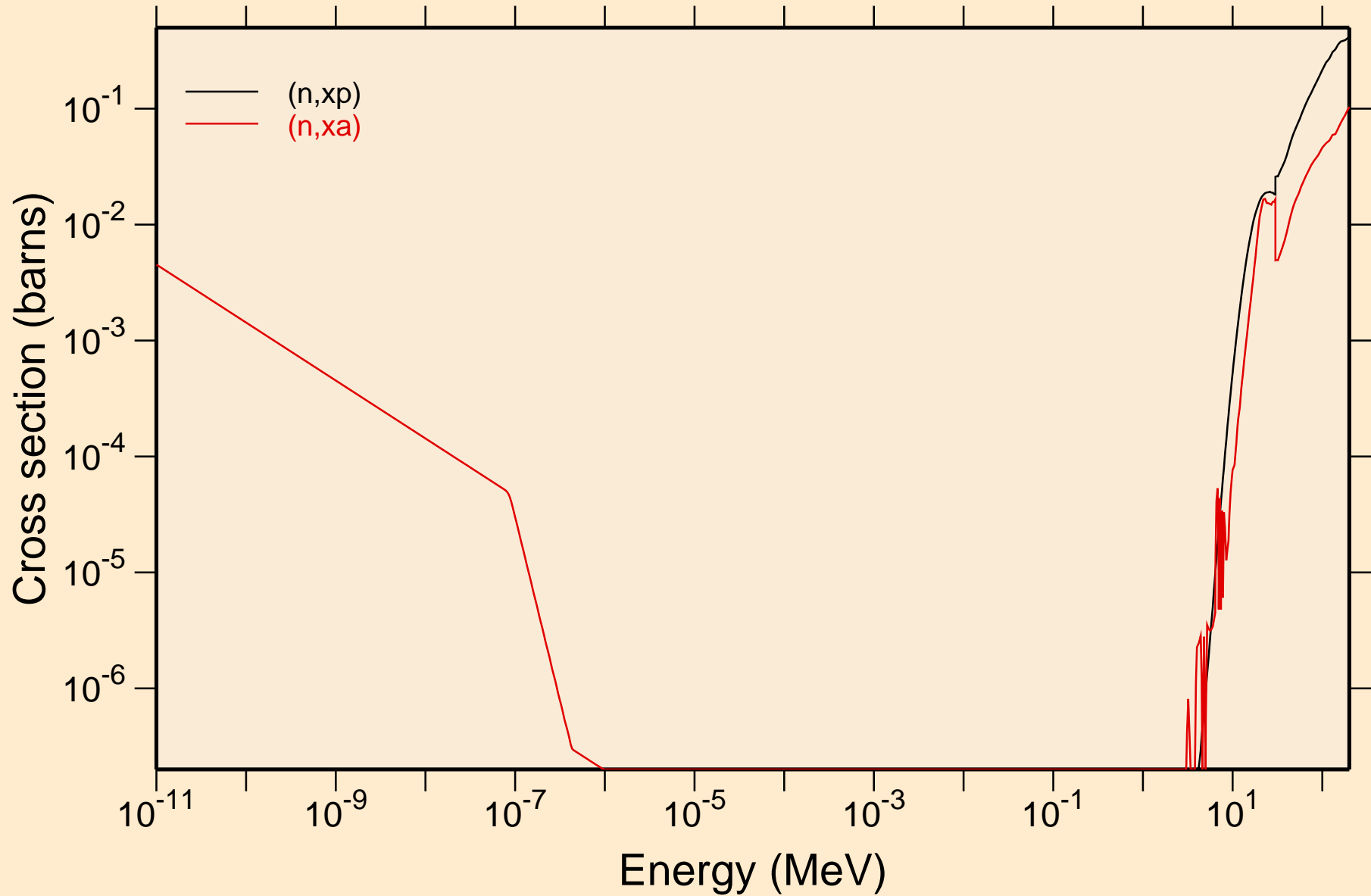
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

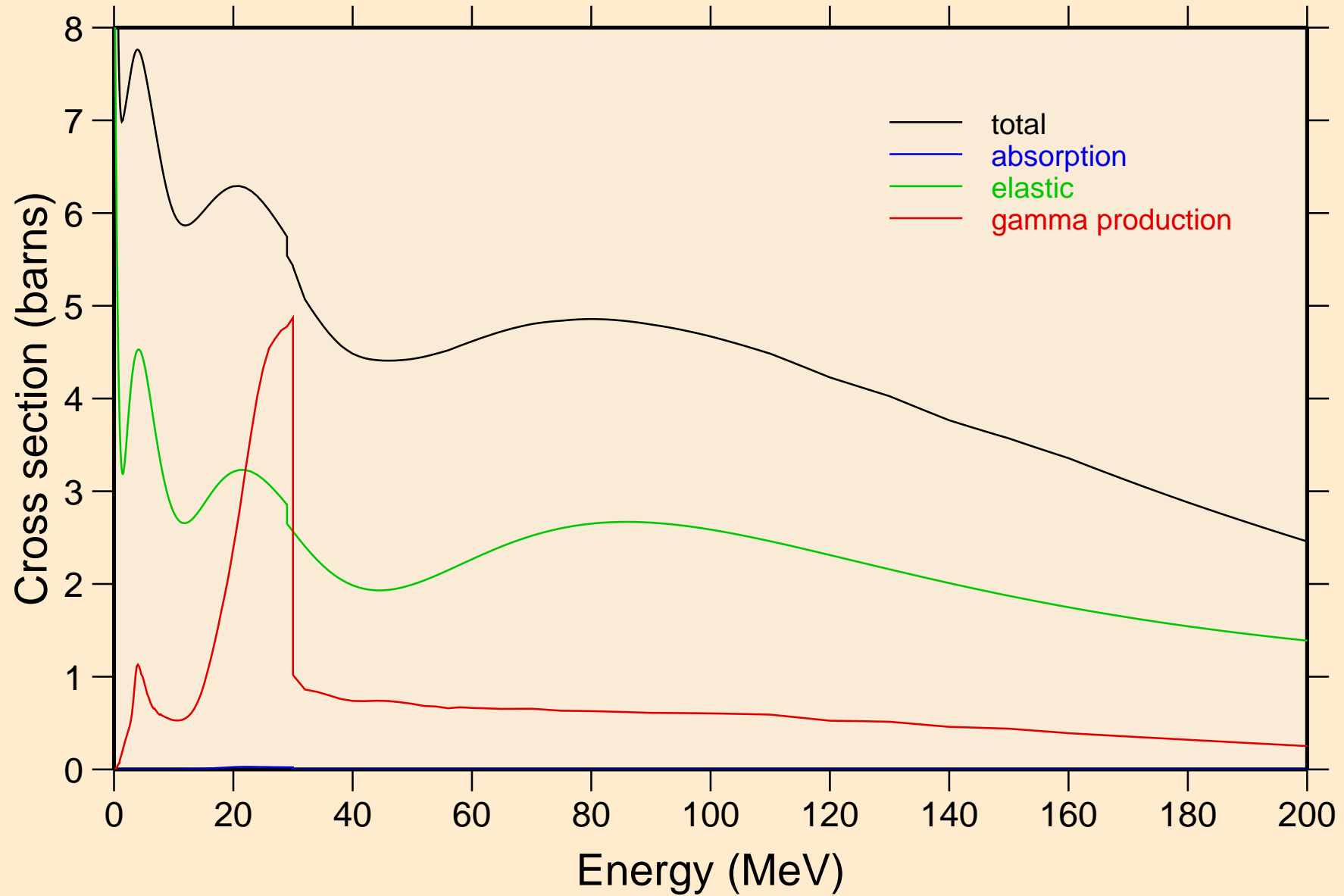


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

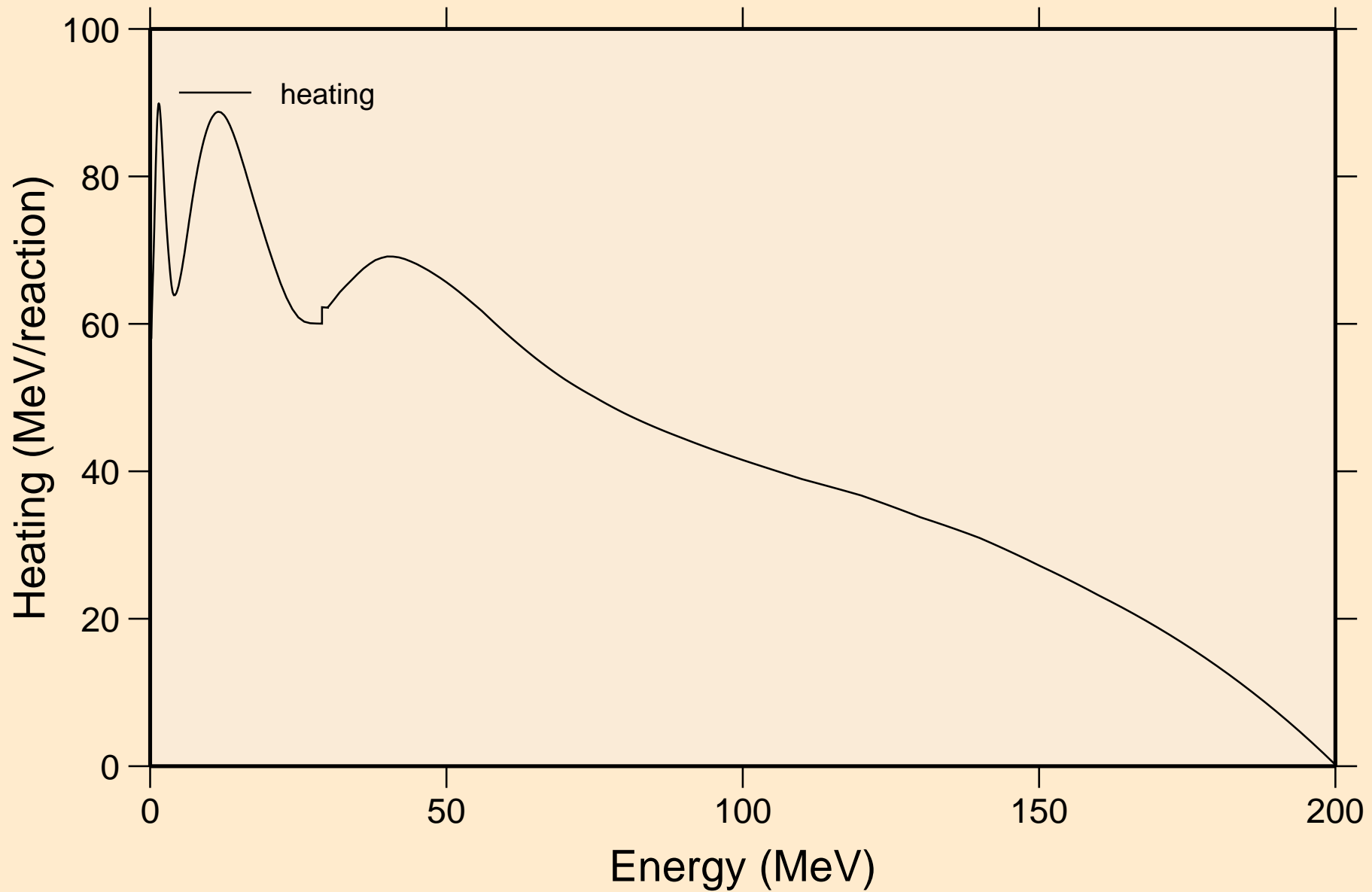


# U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

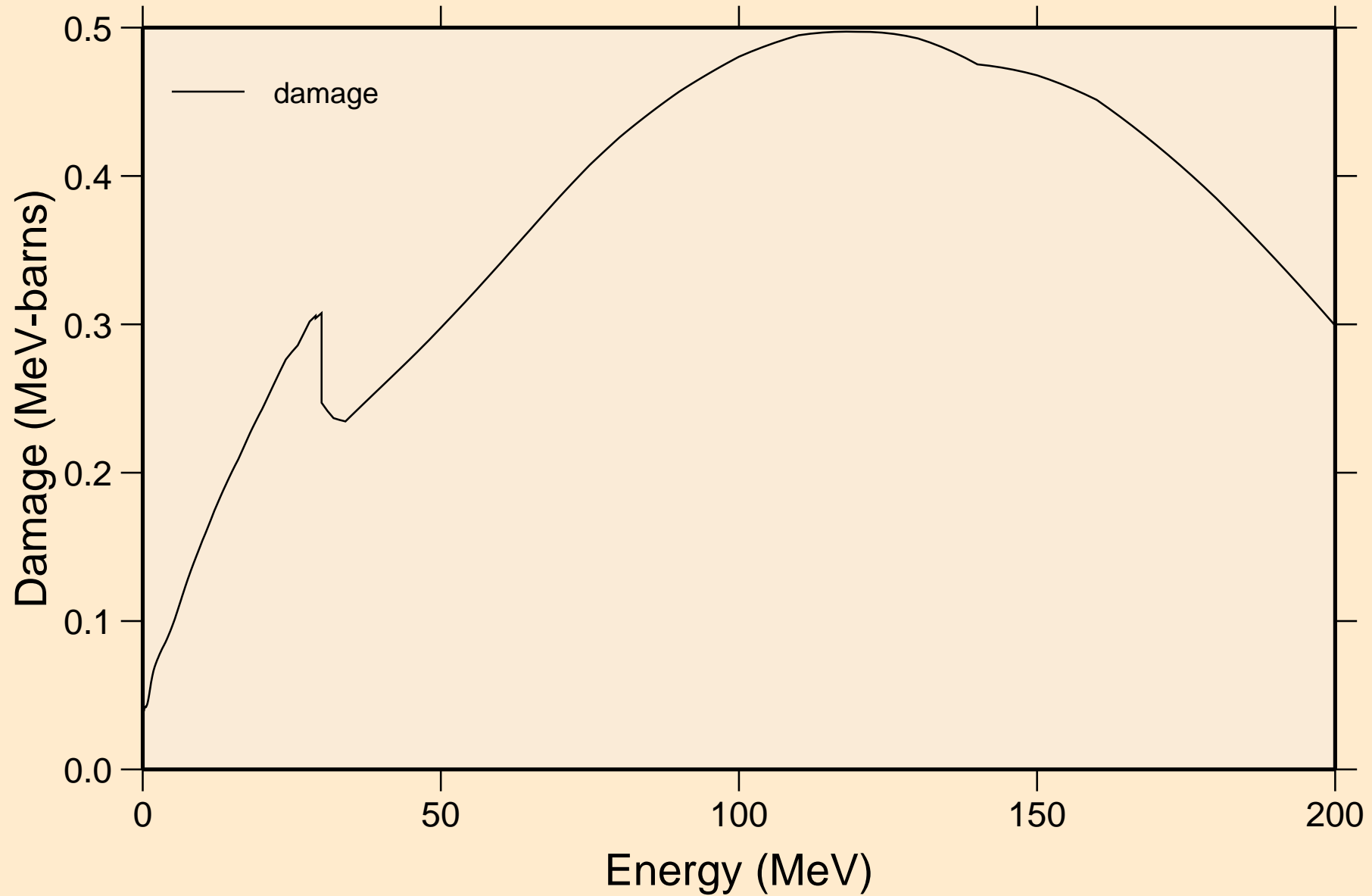
## Principal cross sections



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



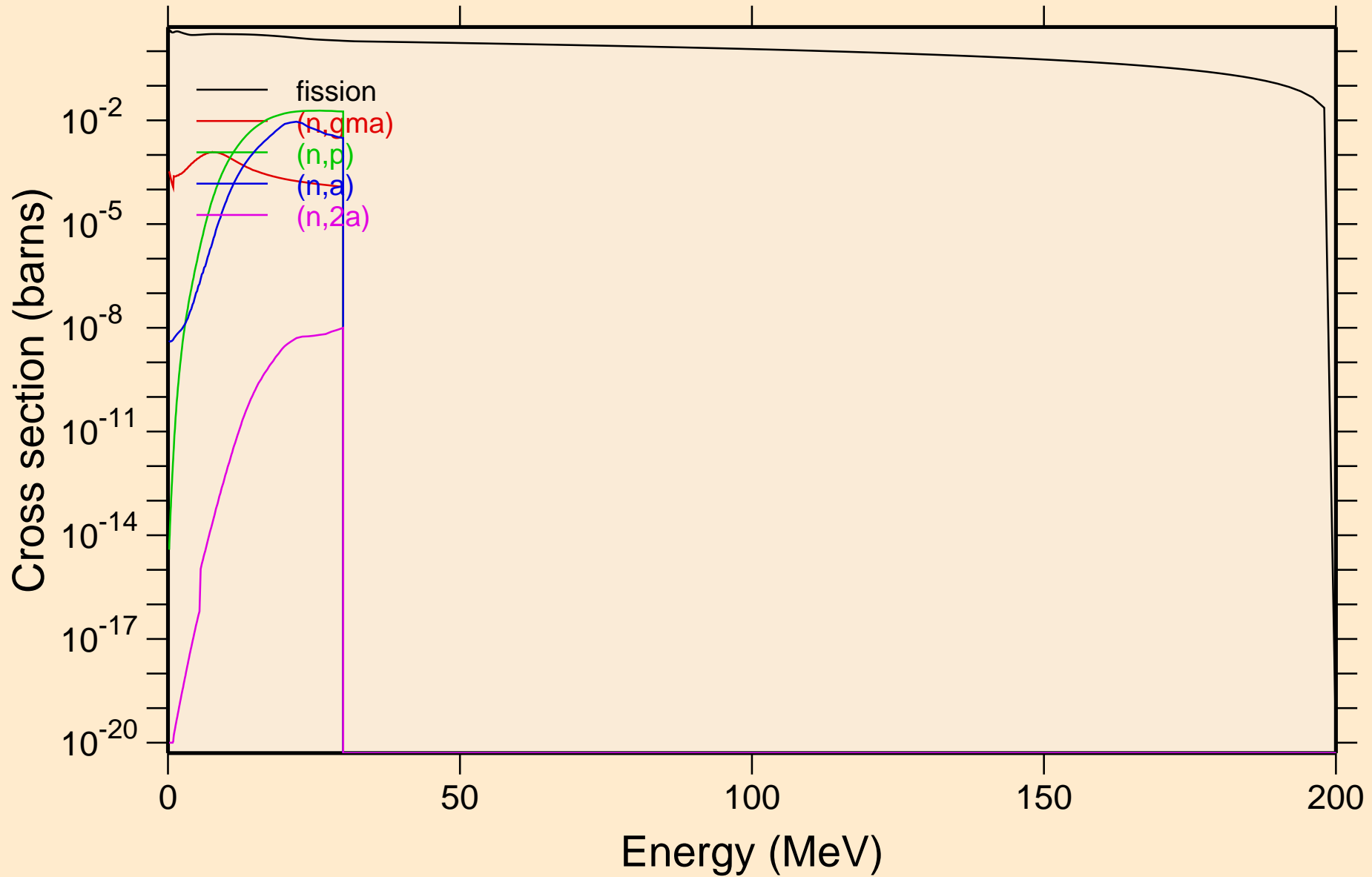
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



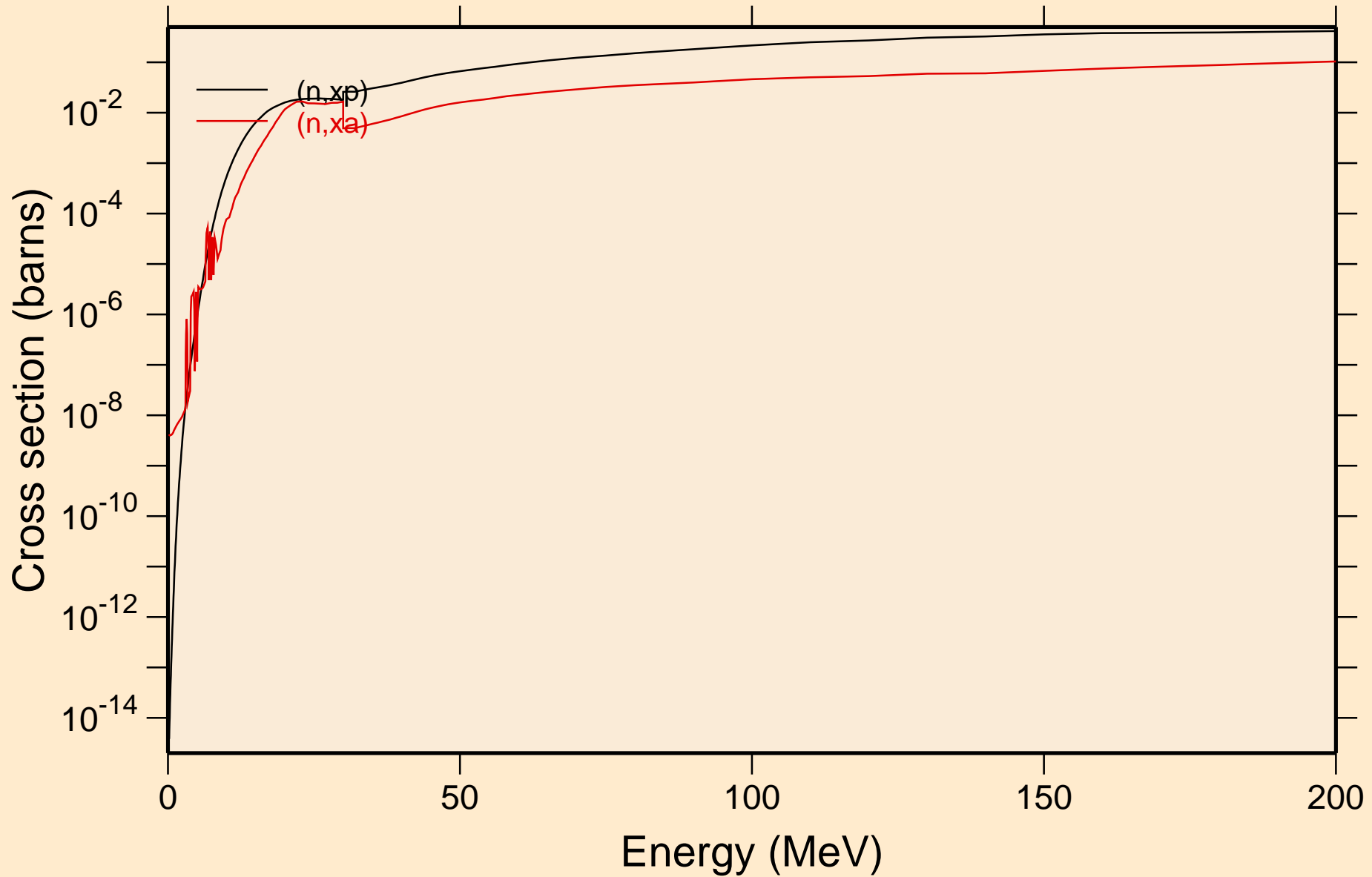


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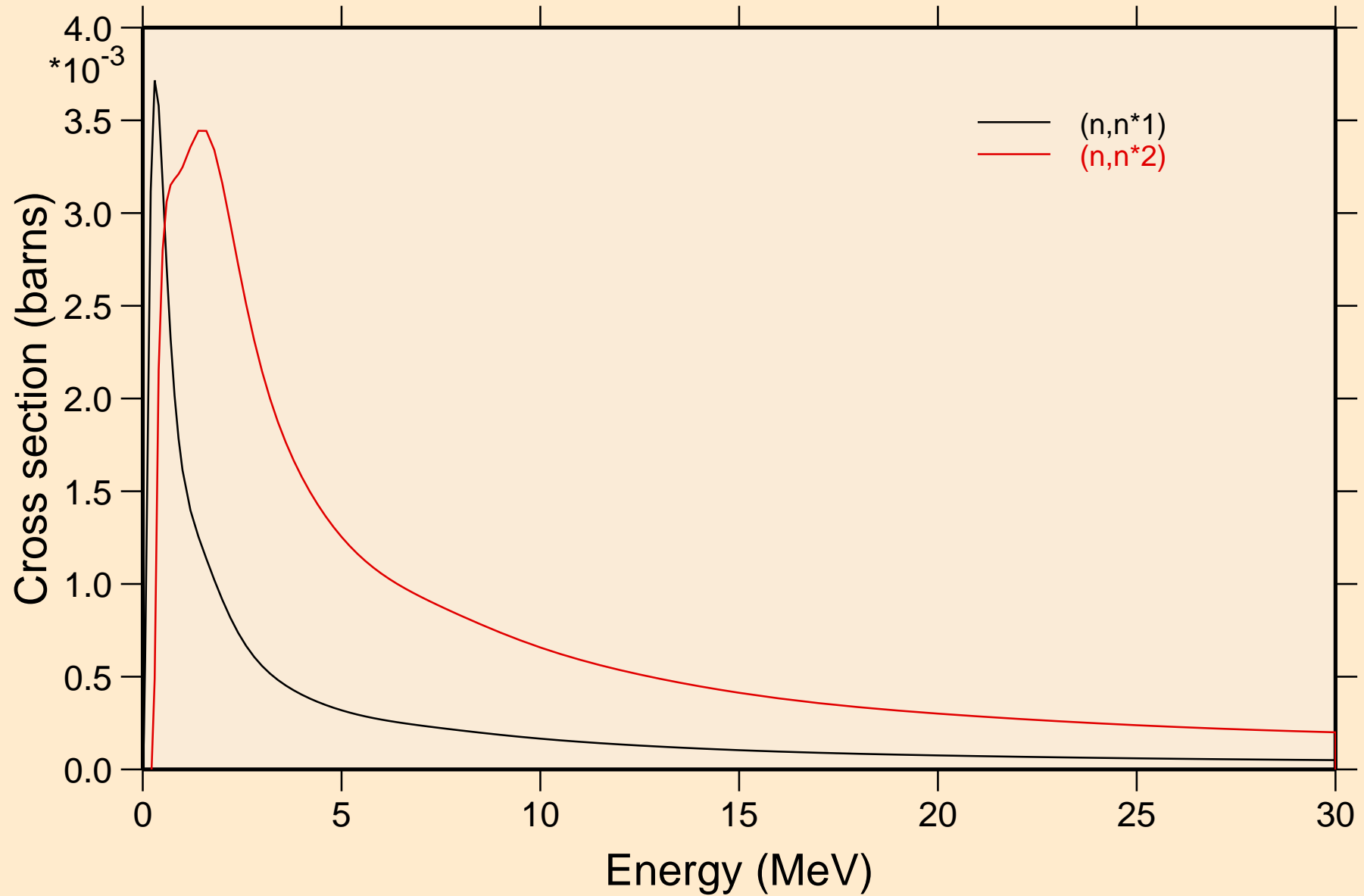
## Non-threshold reactions



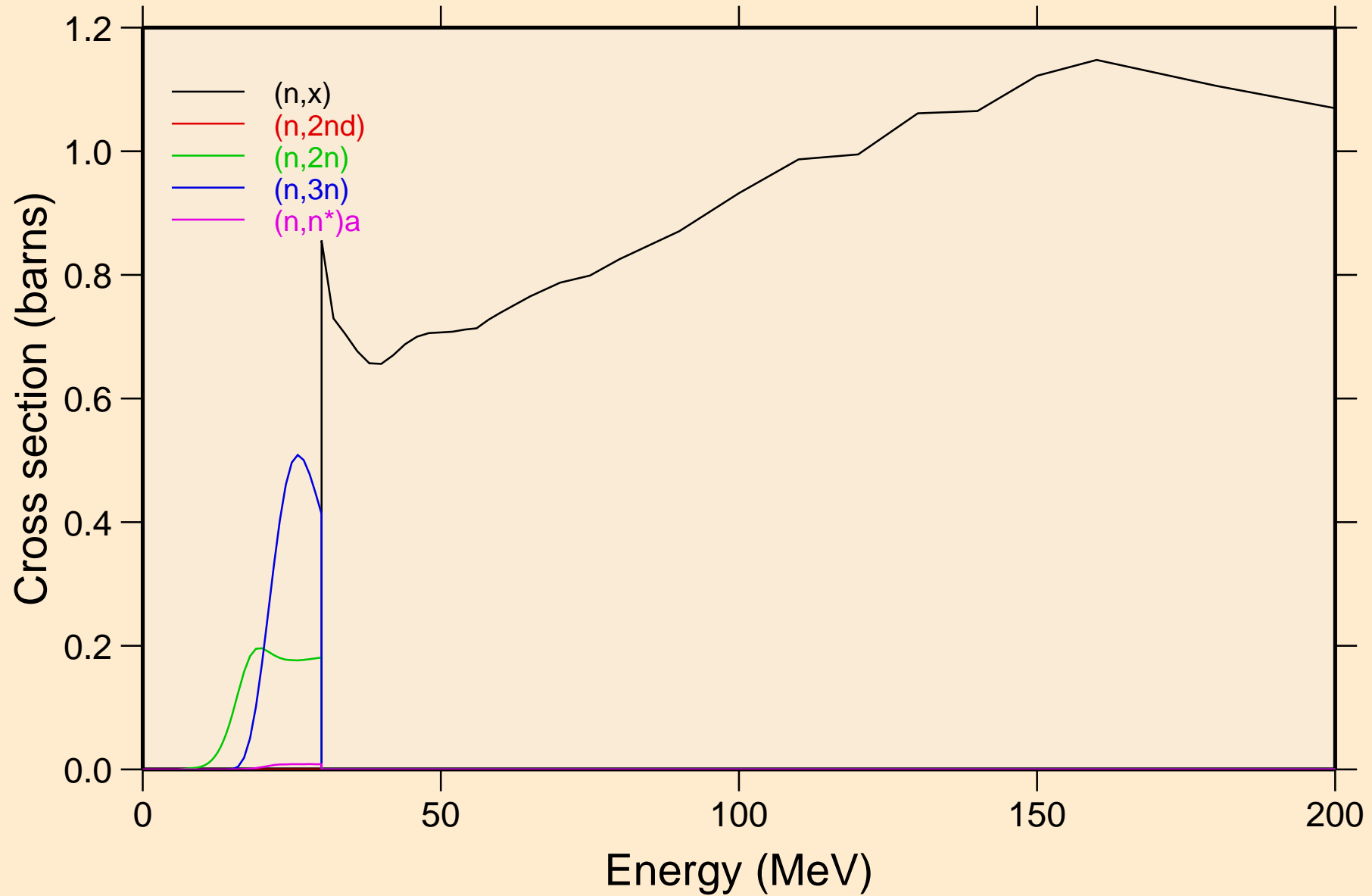
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Non-threshold reactions



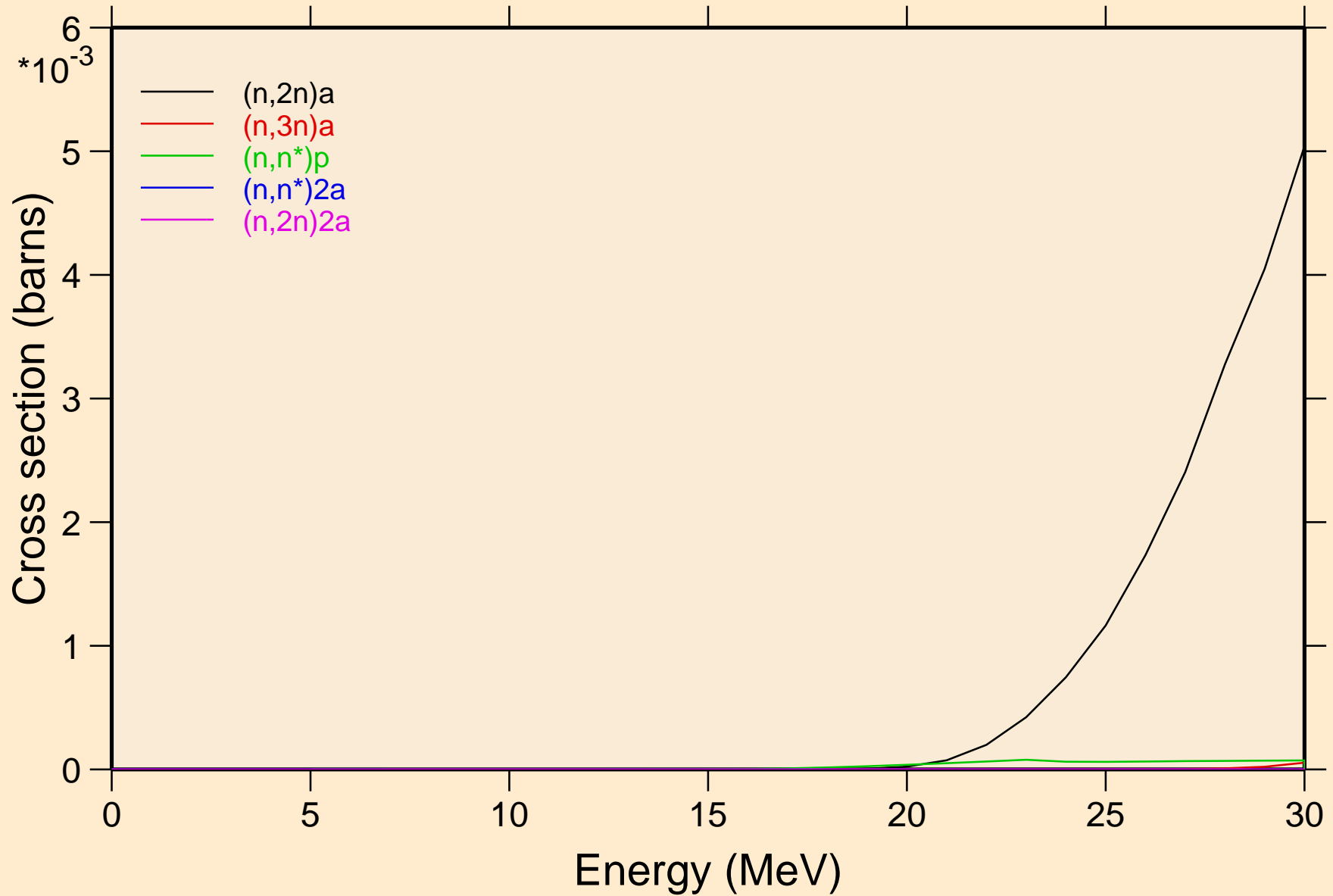
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

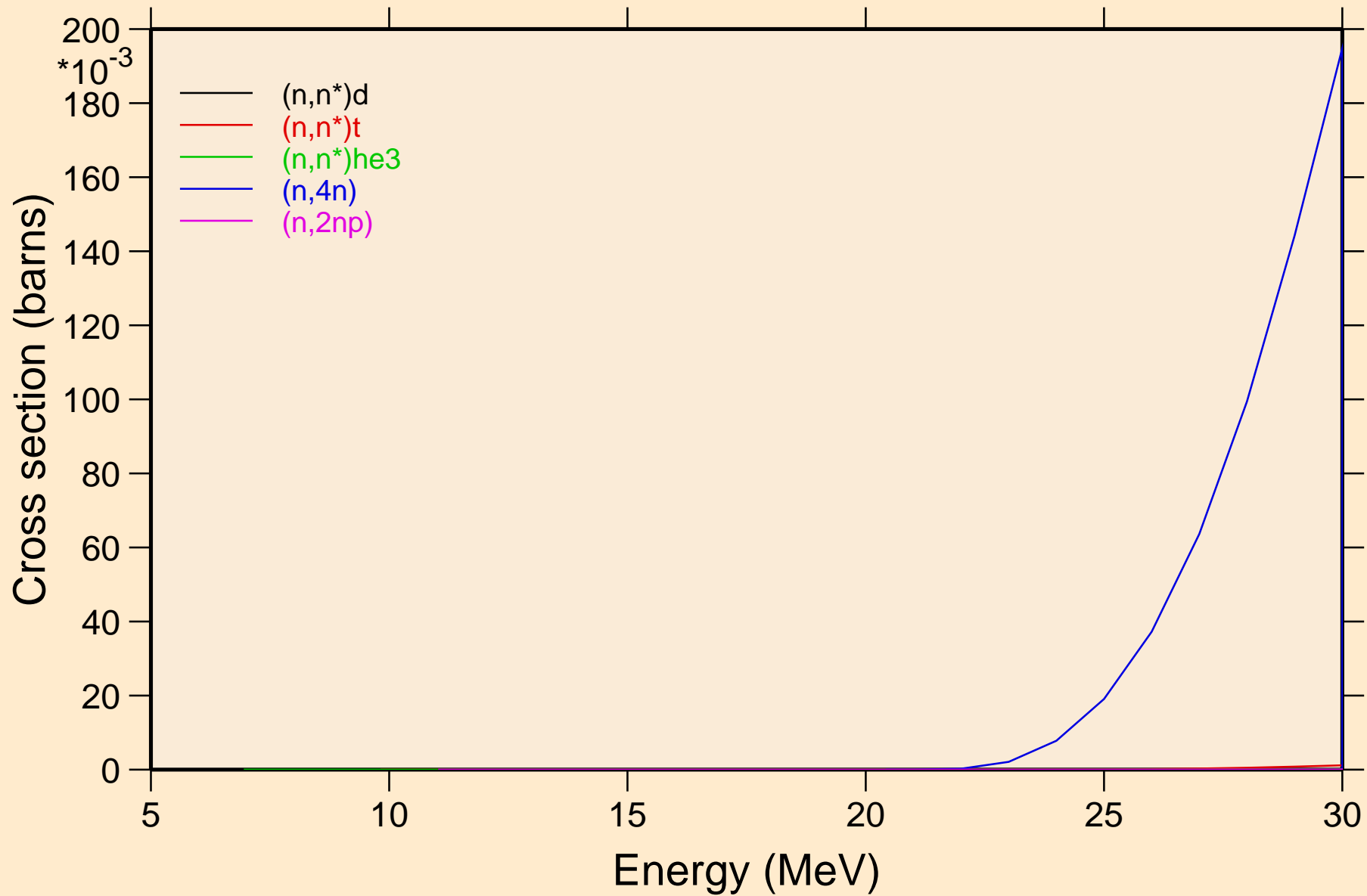


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



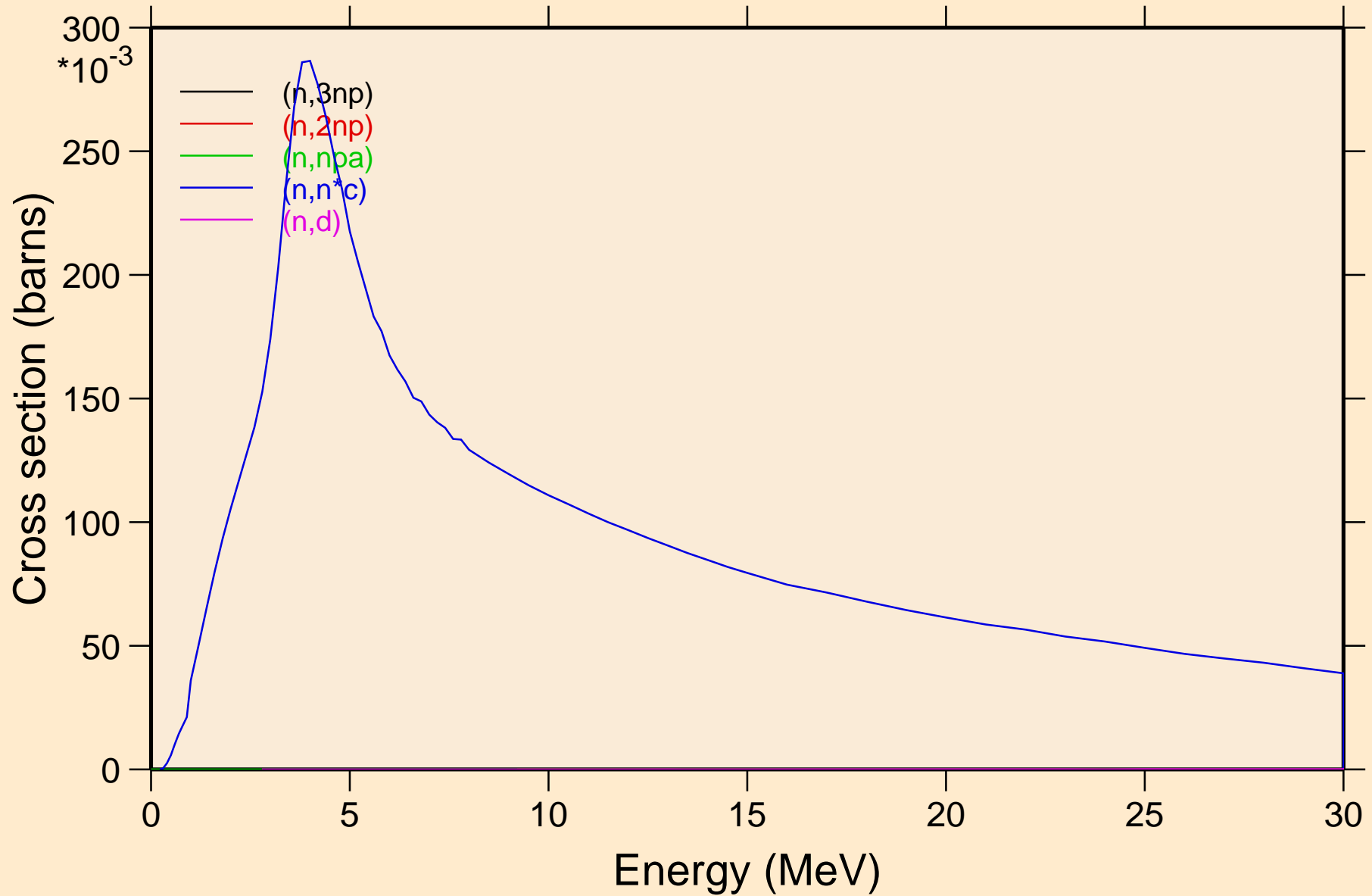
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## Threshold reactions



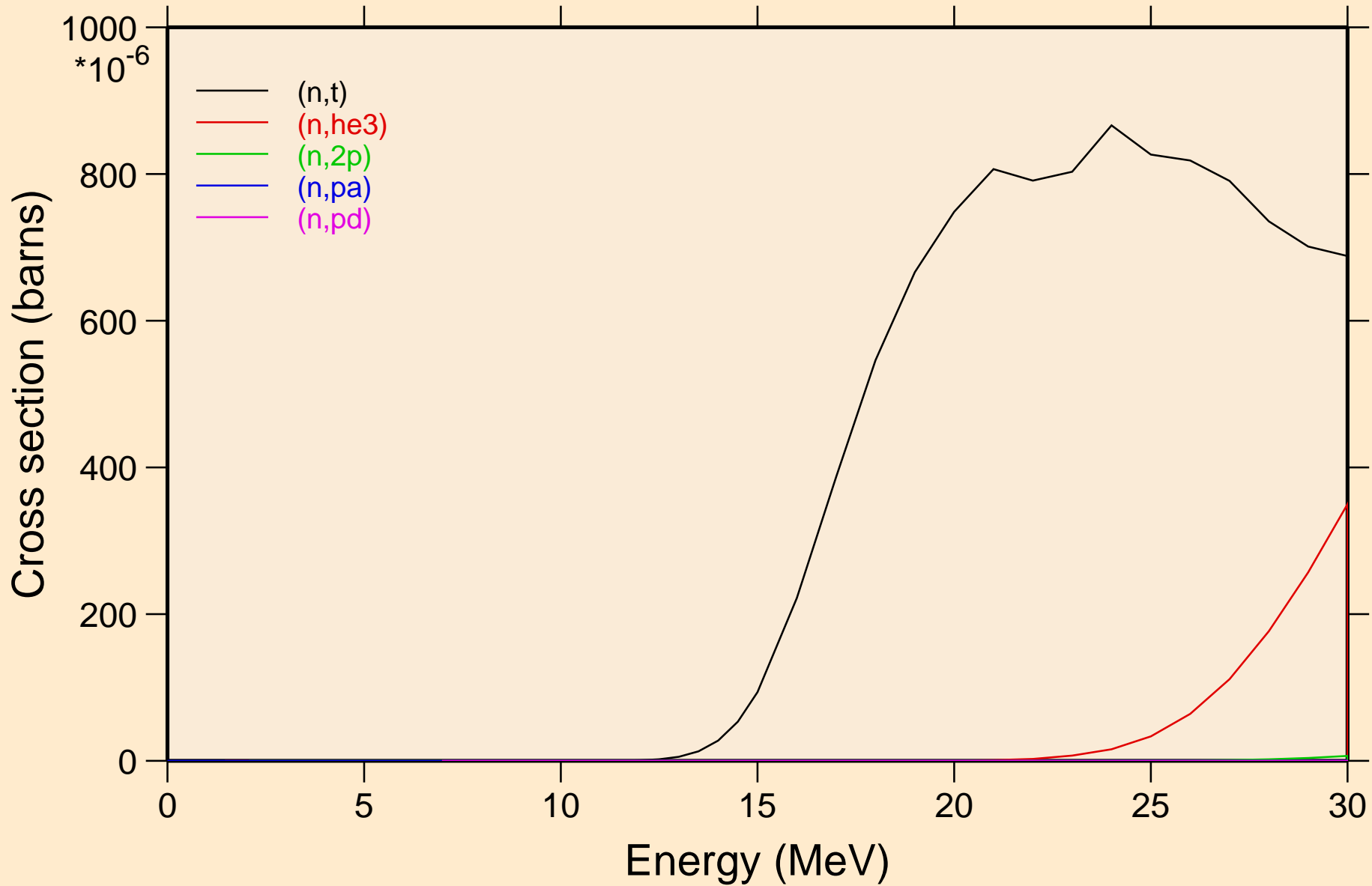
# U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



# U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

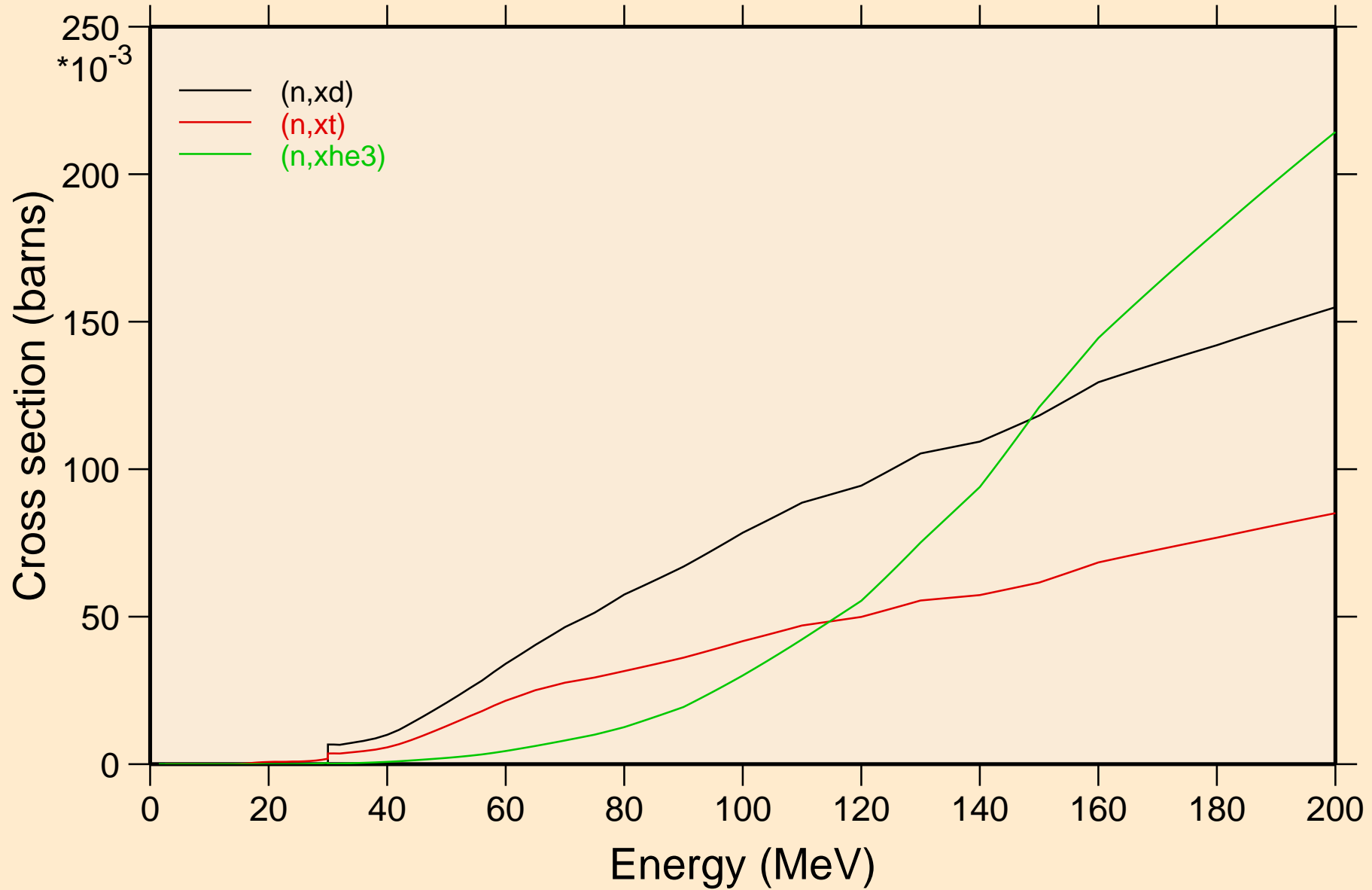
## Threshold reactions



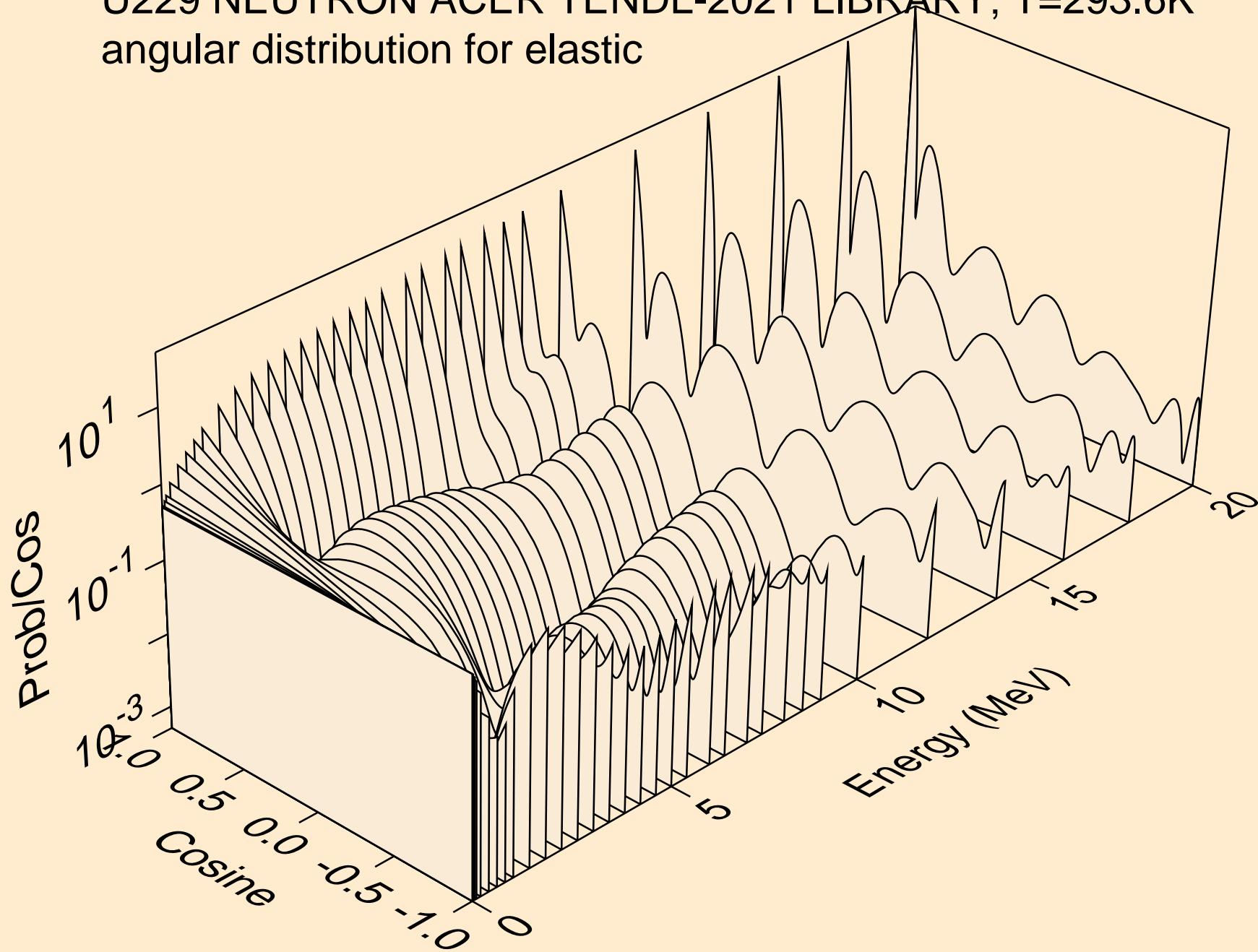


# U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

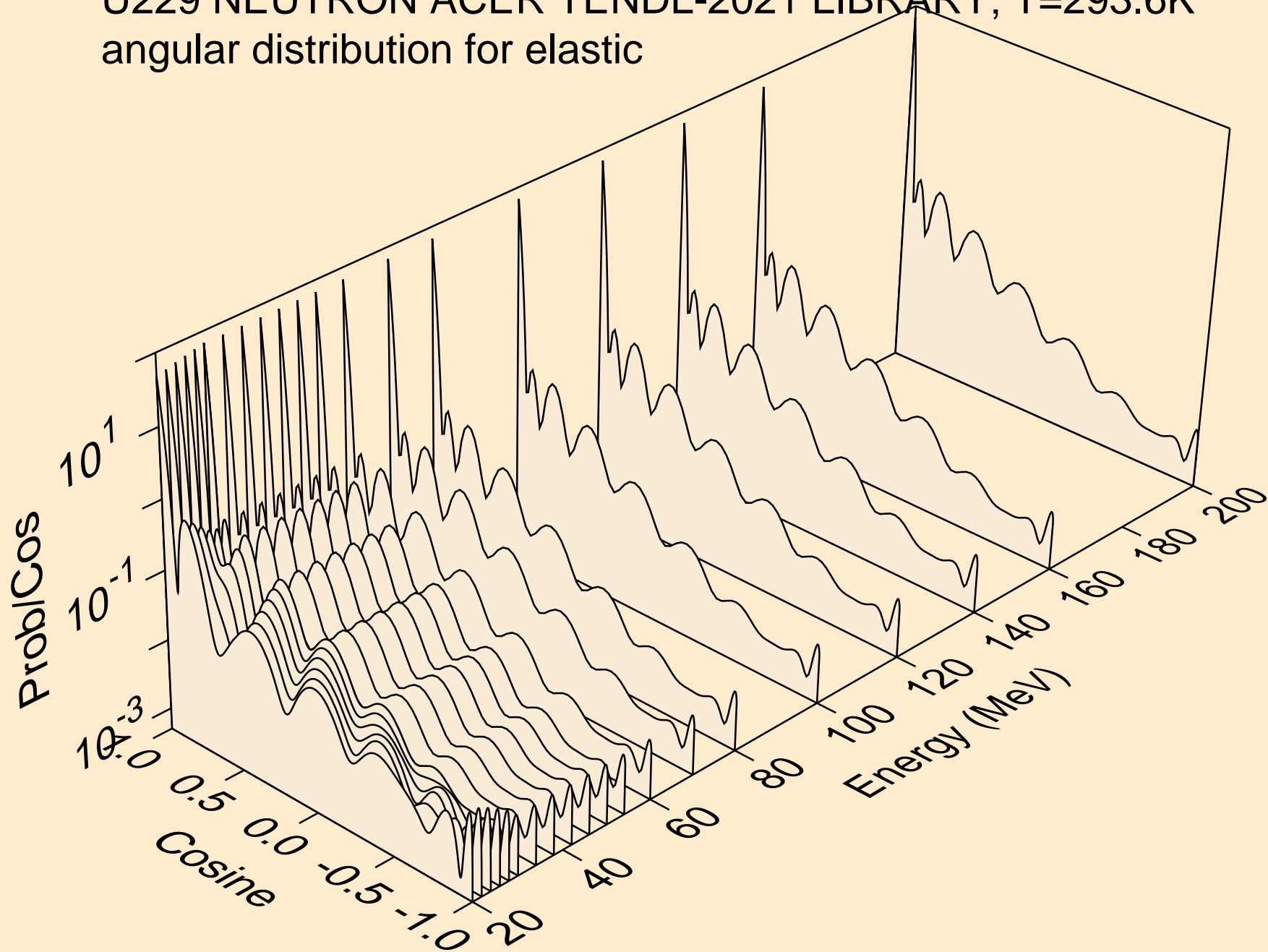
## Threshold reactions



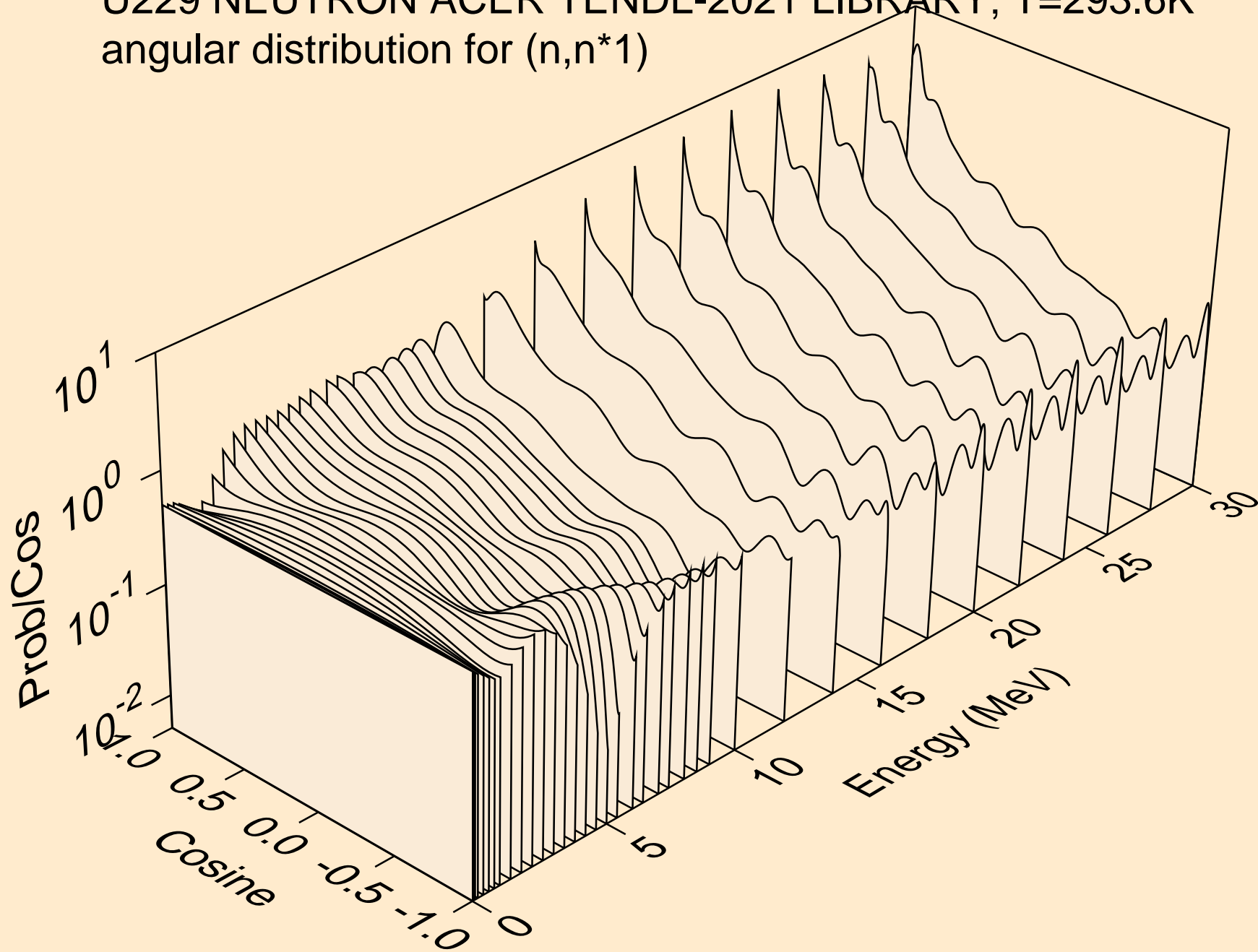
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



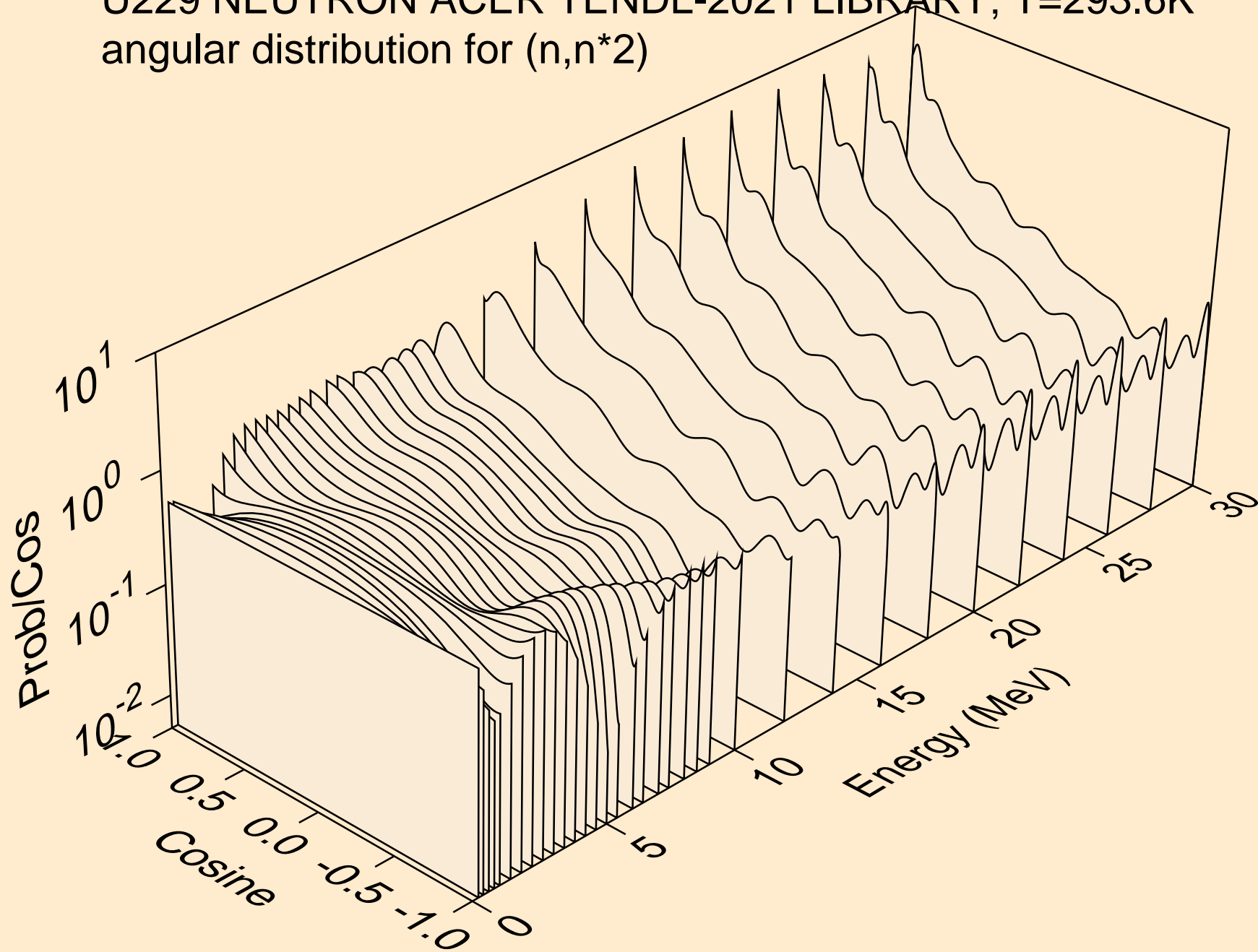
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

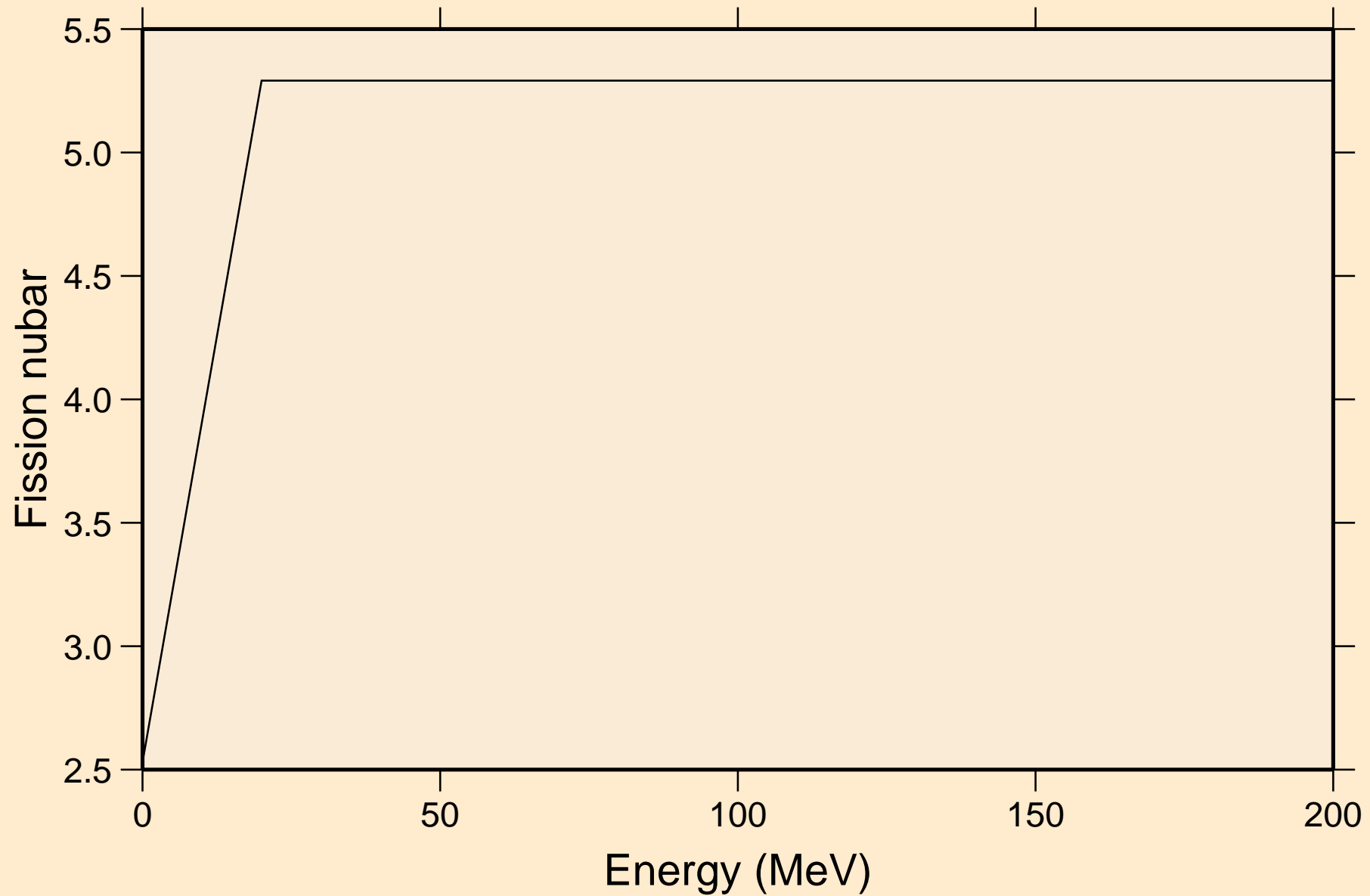


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

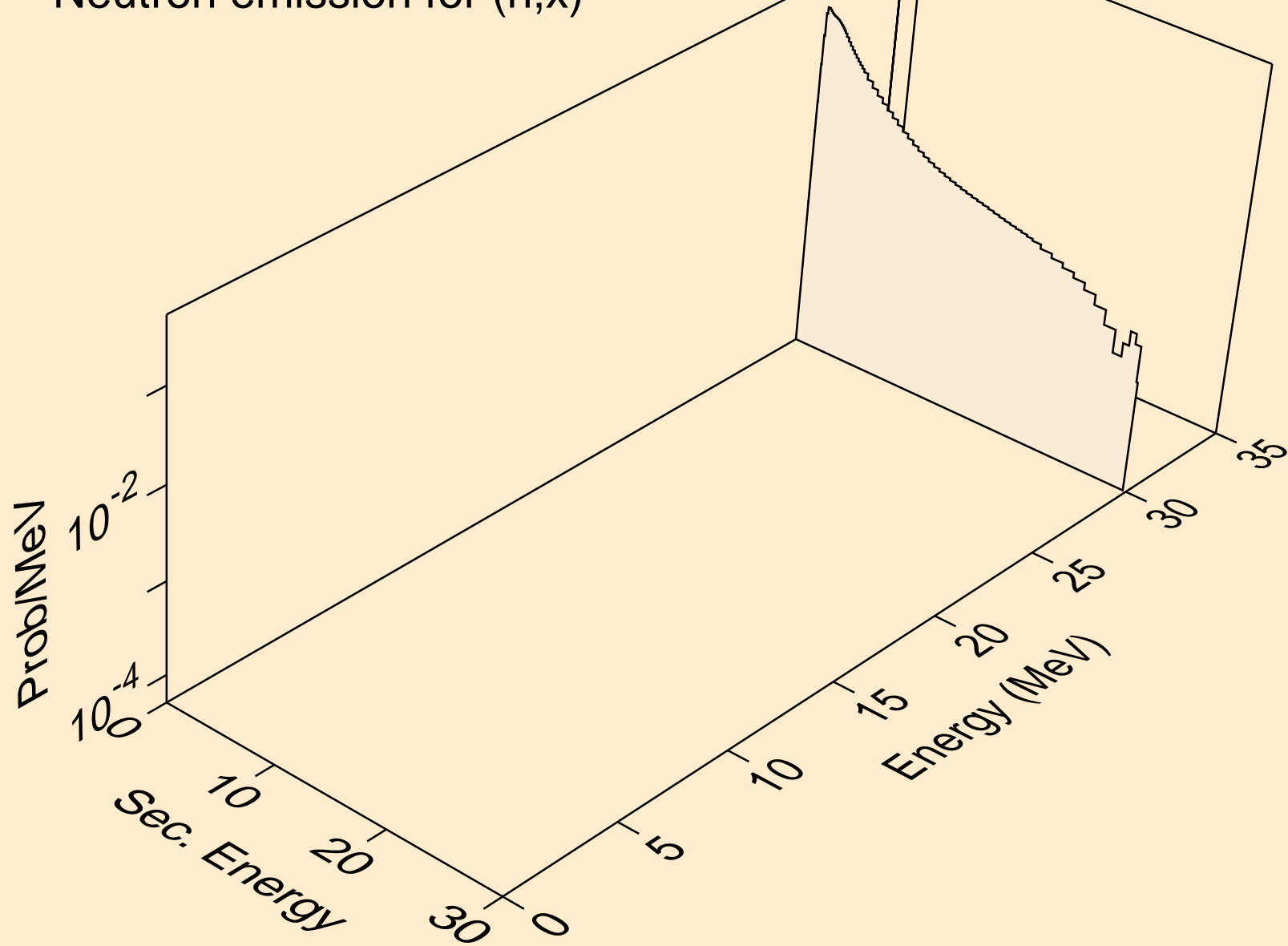


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

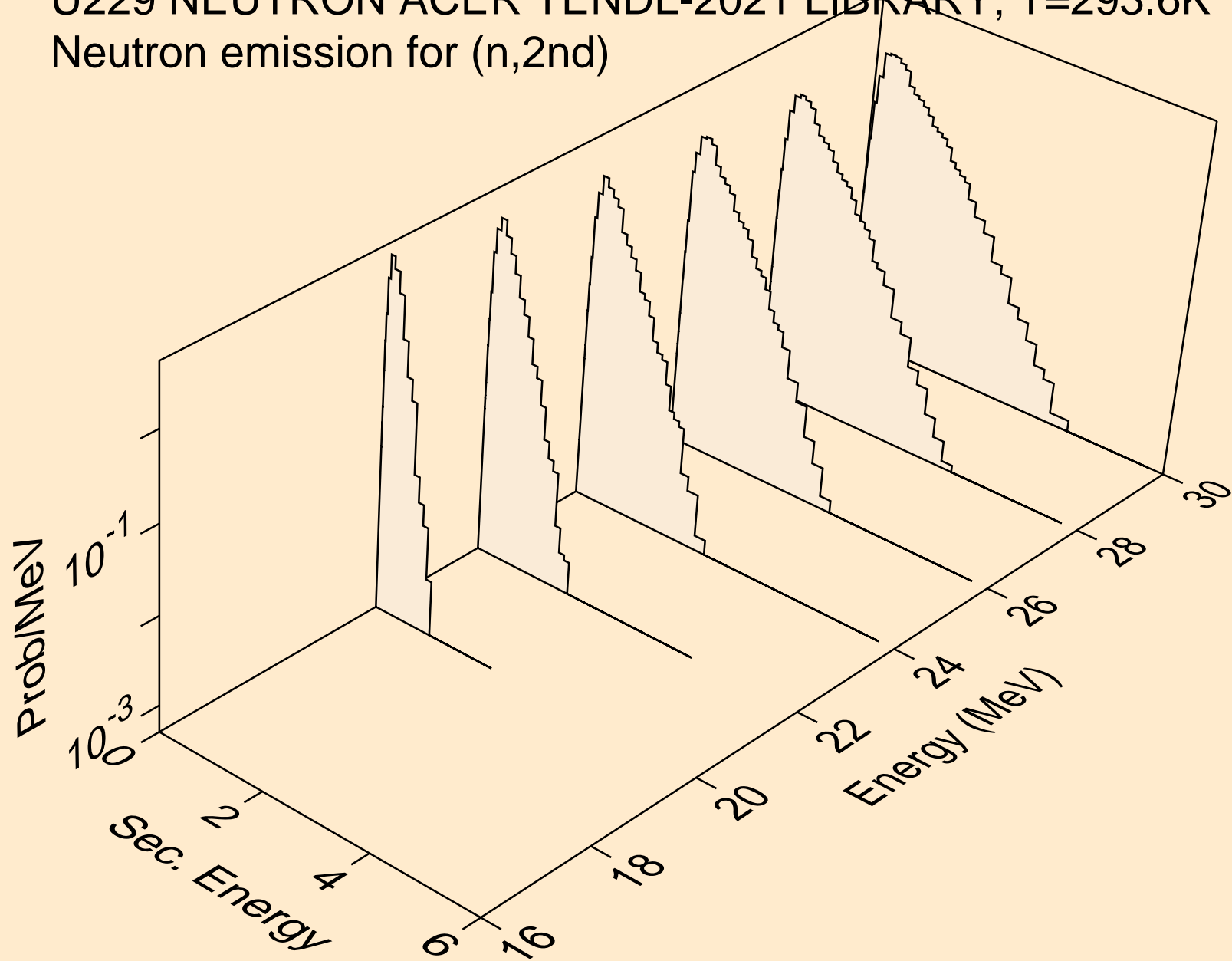
Total fission nubar



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

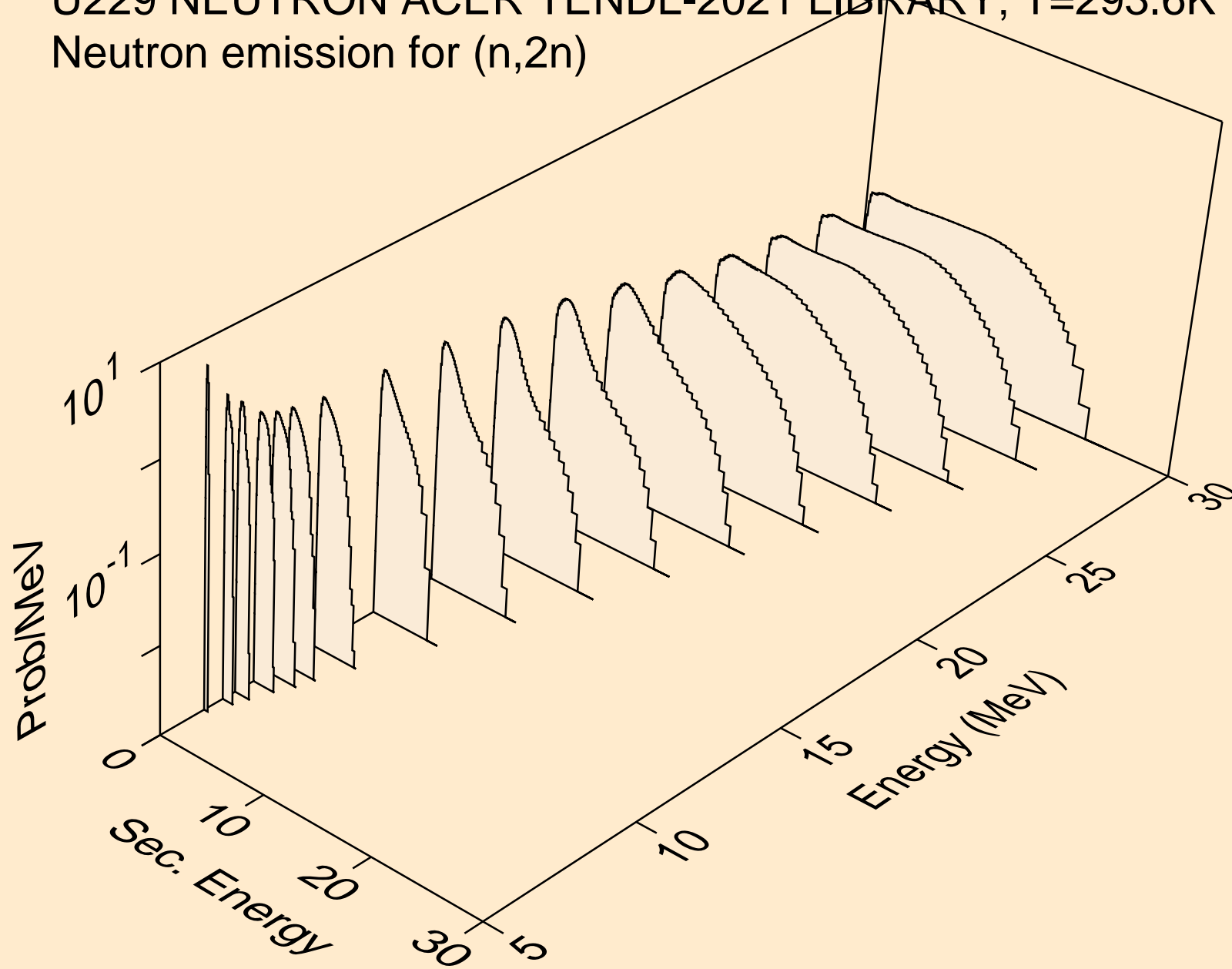


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

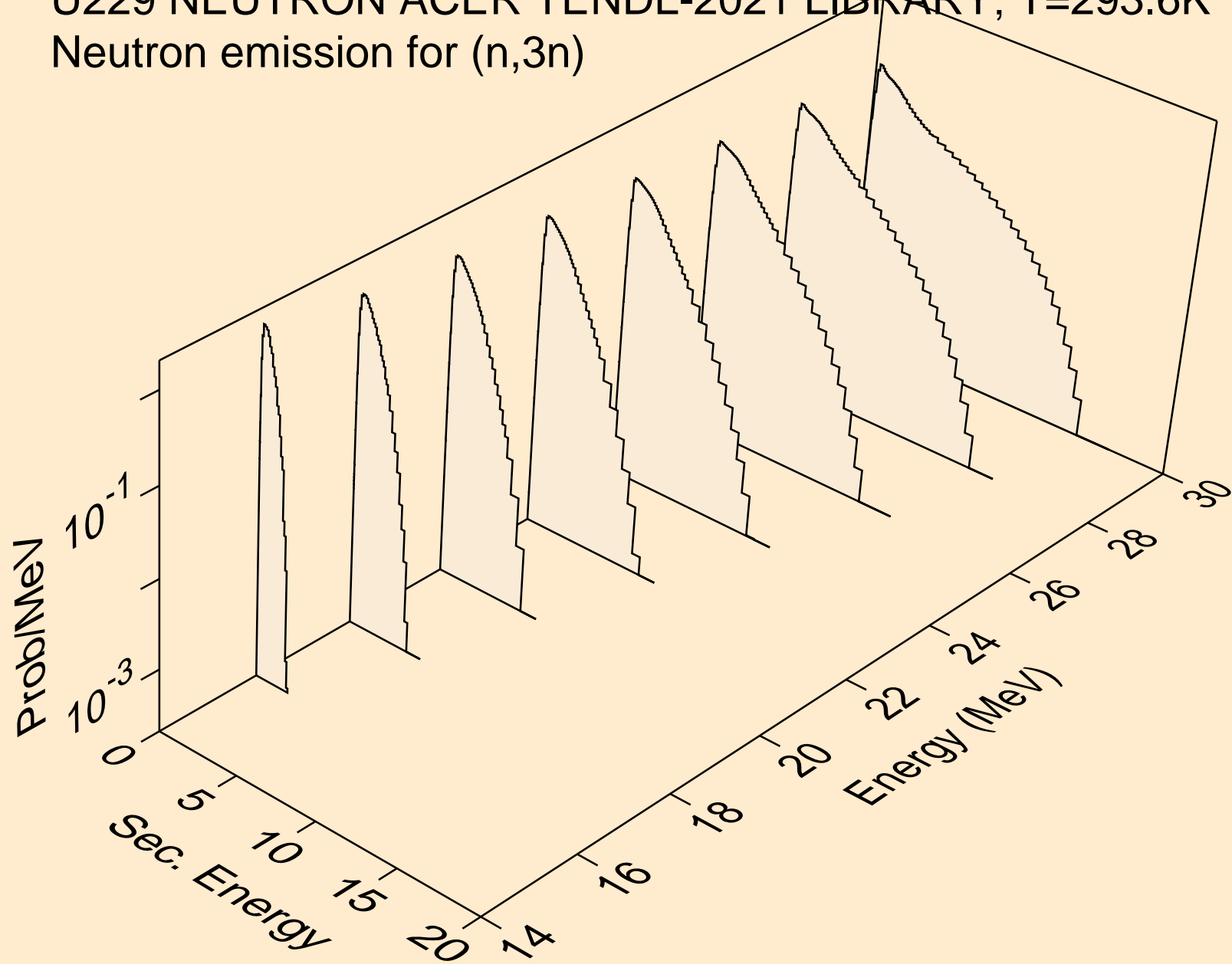




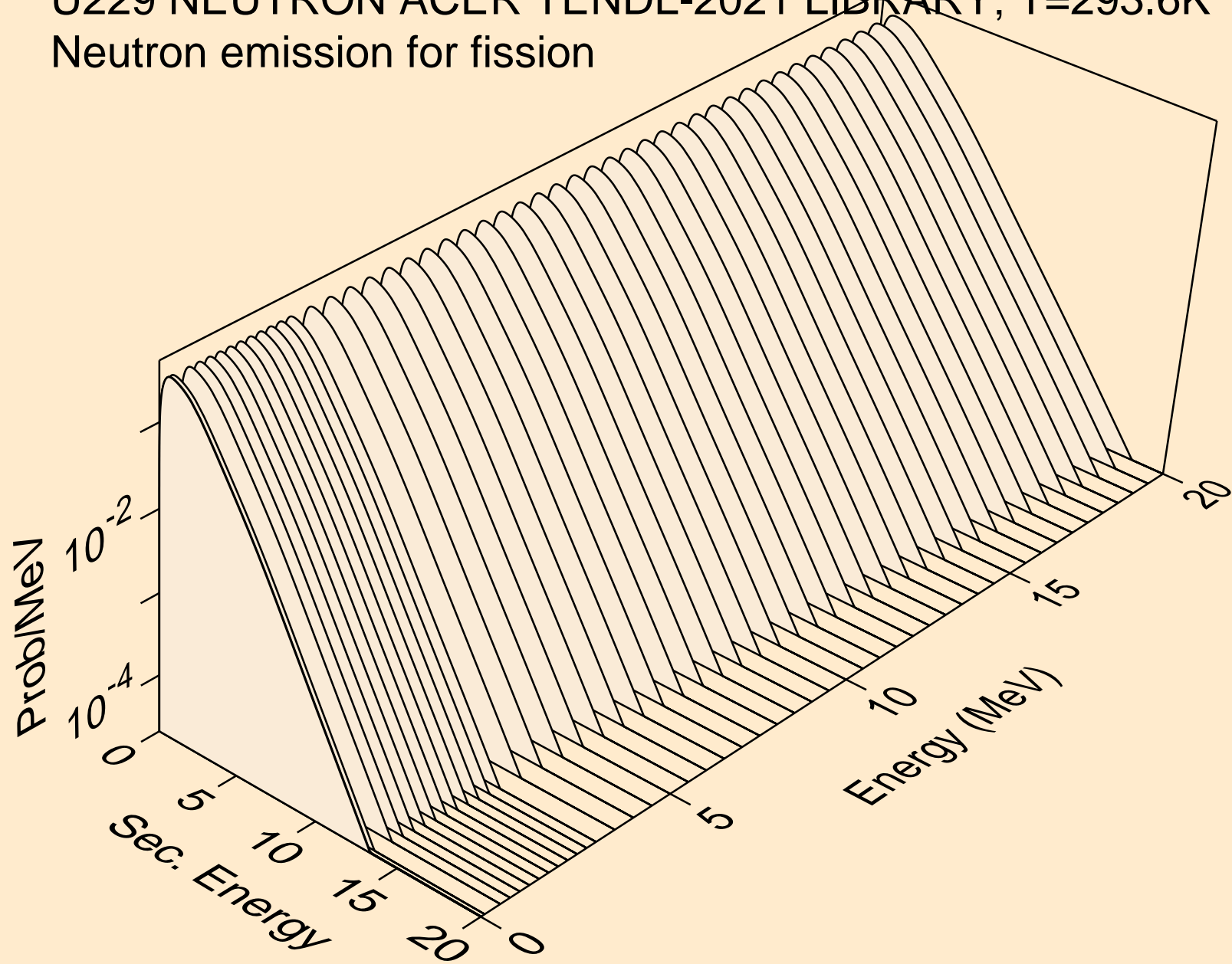
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



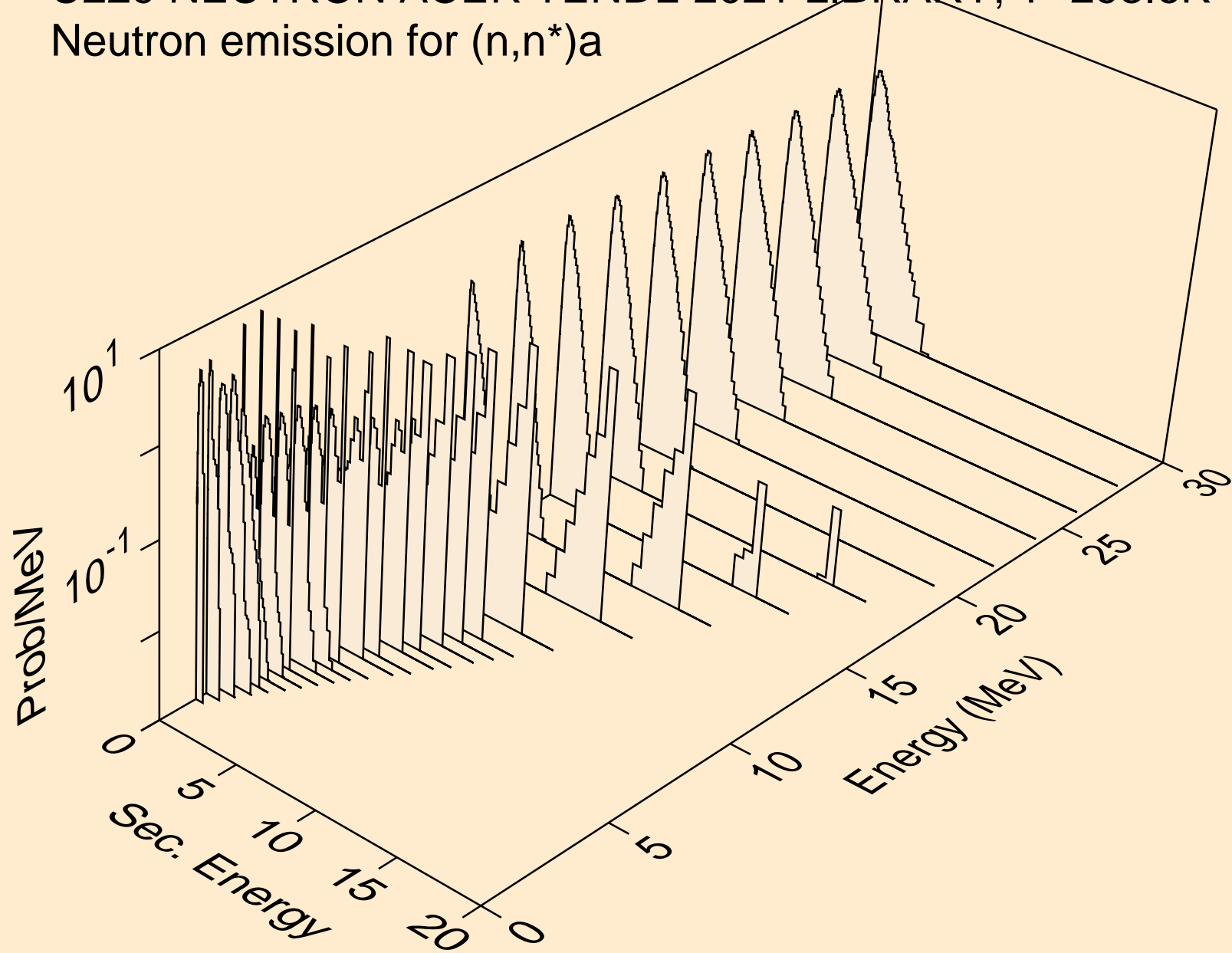
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



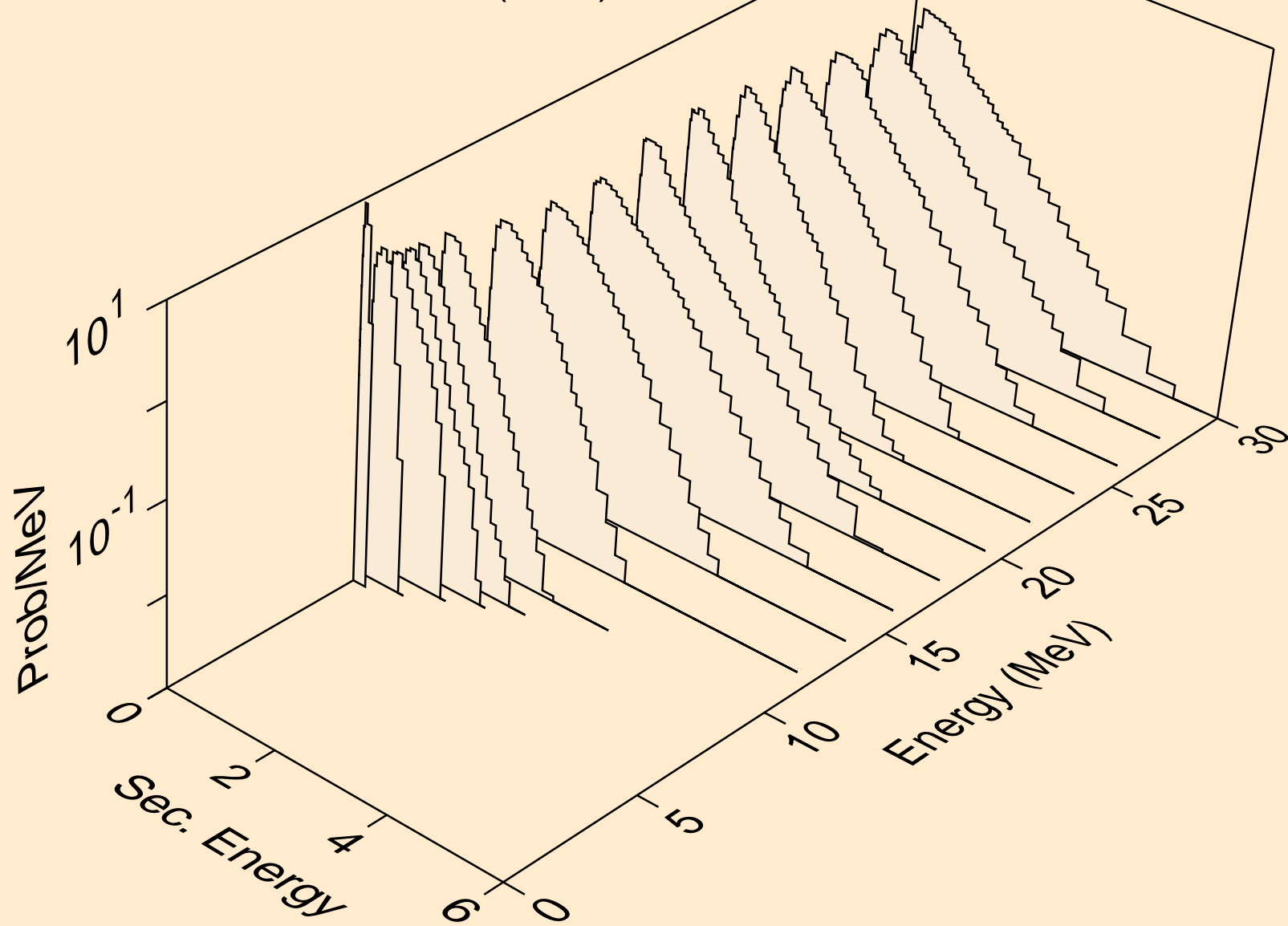
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



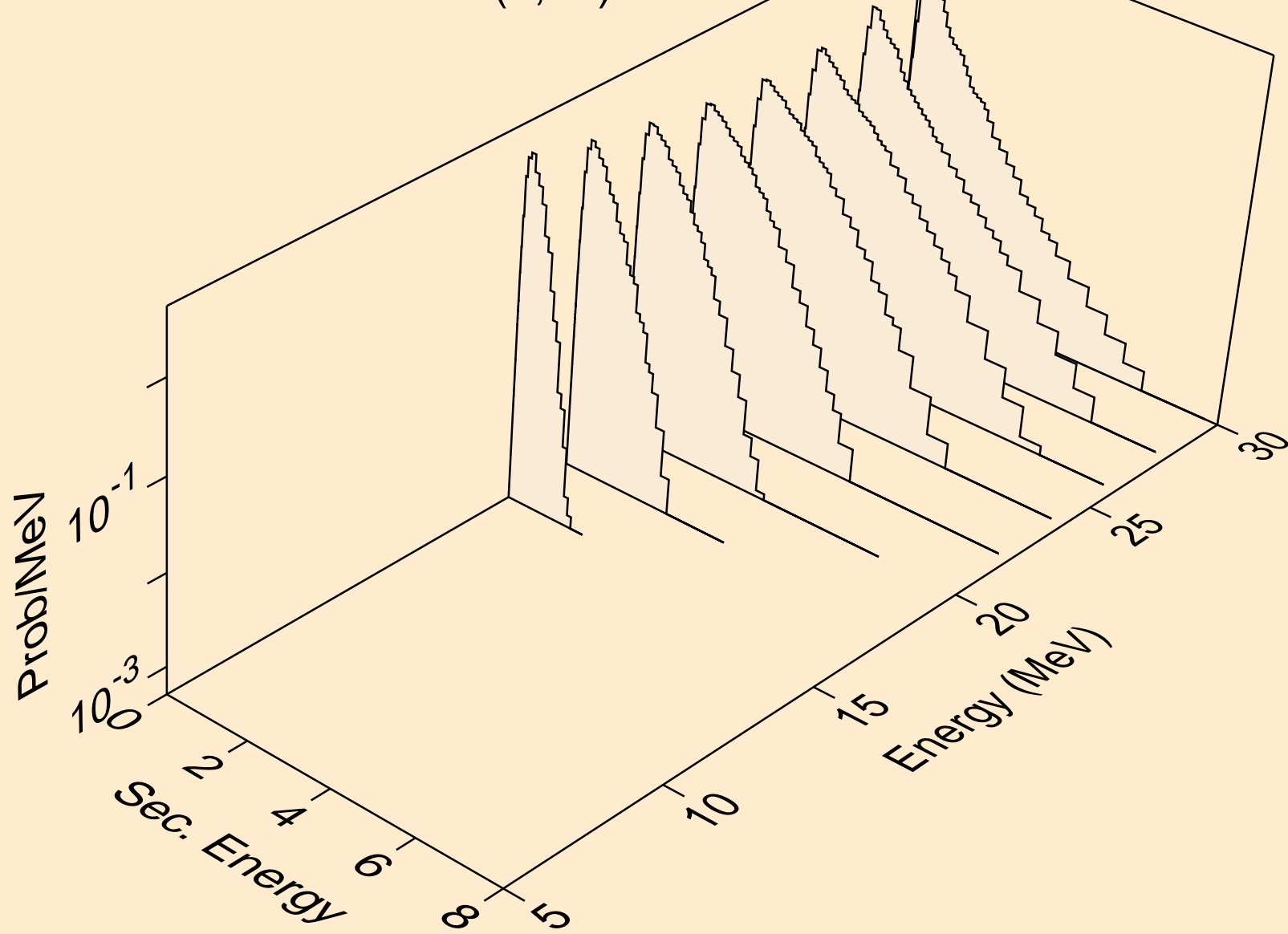
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



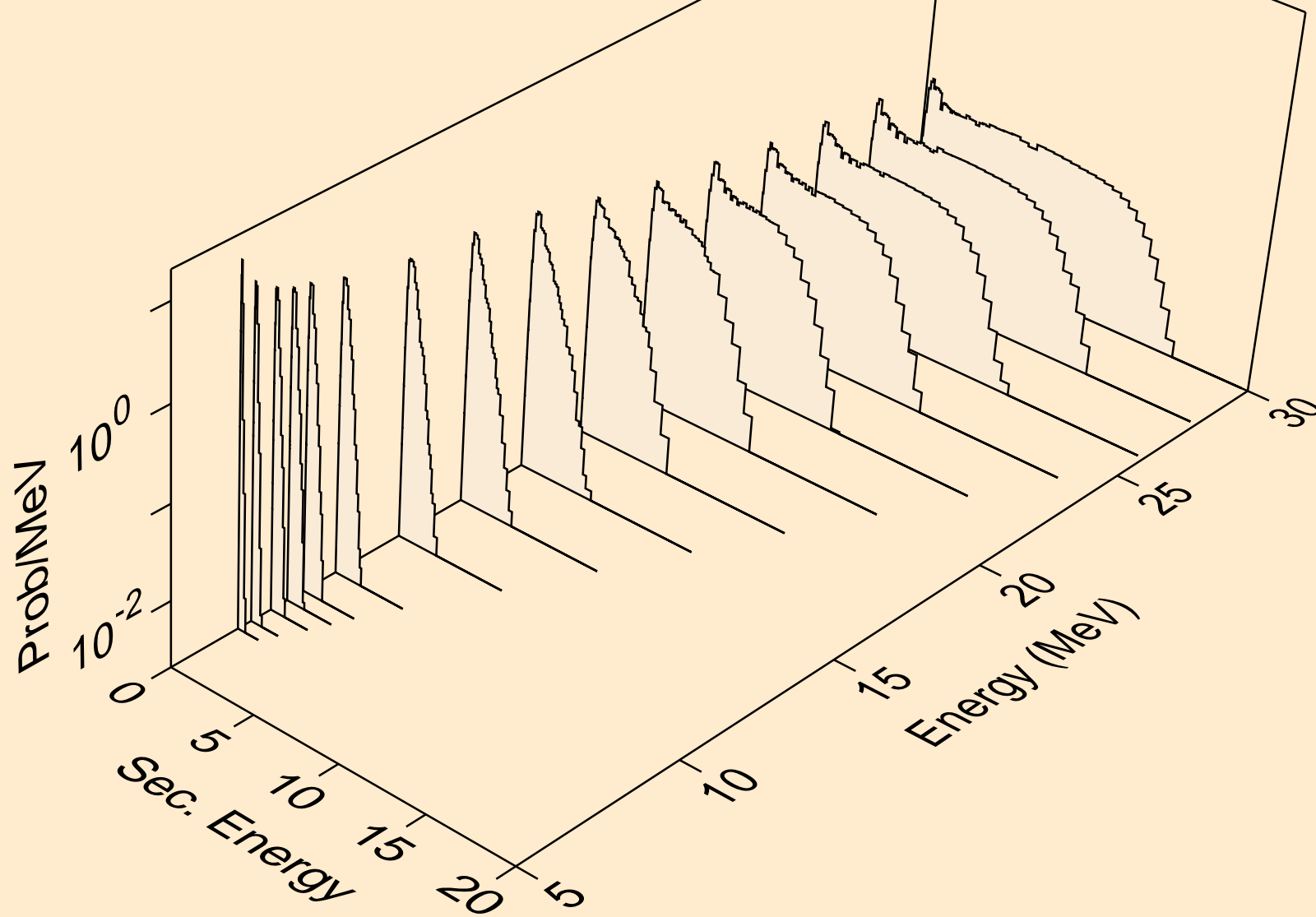
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Neutron emission for (n,2n)a



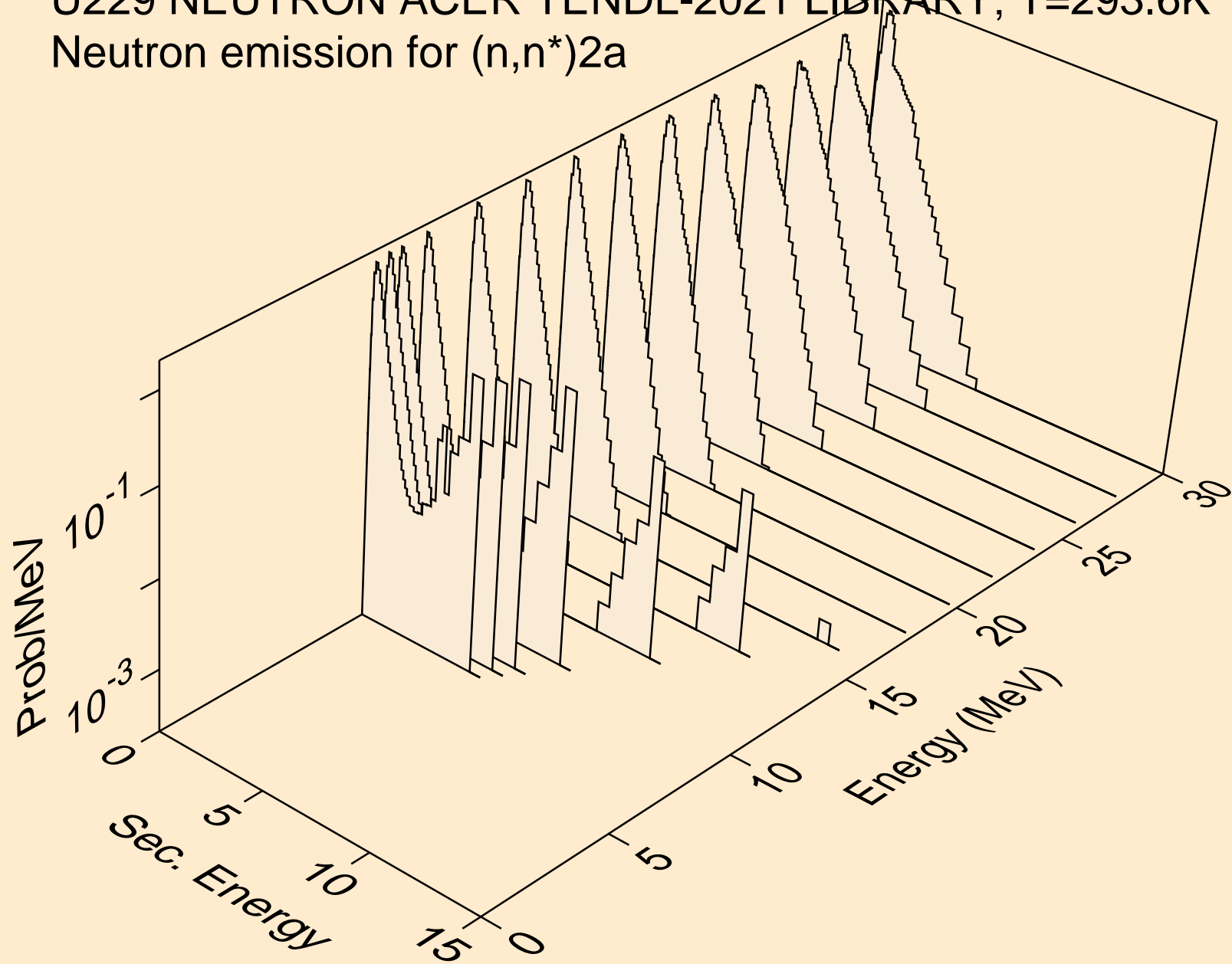
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

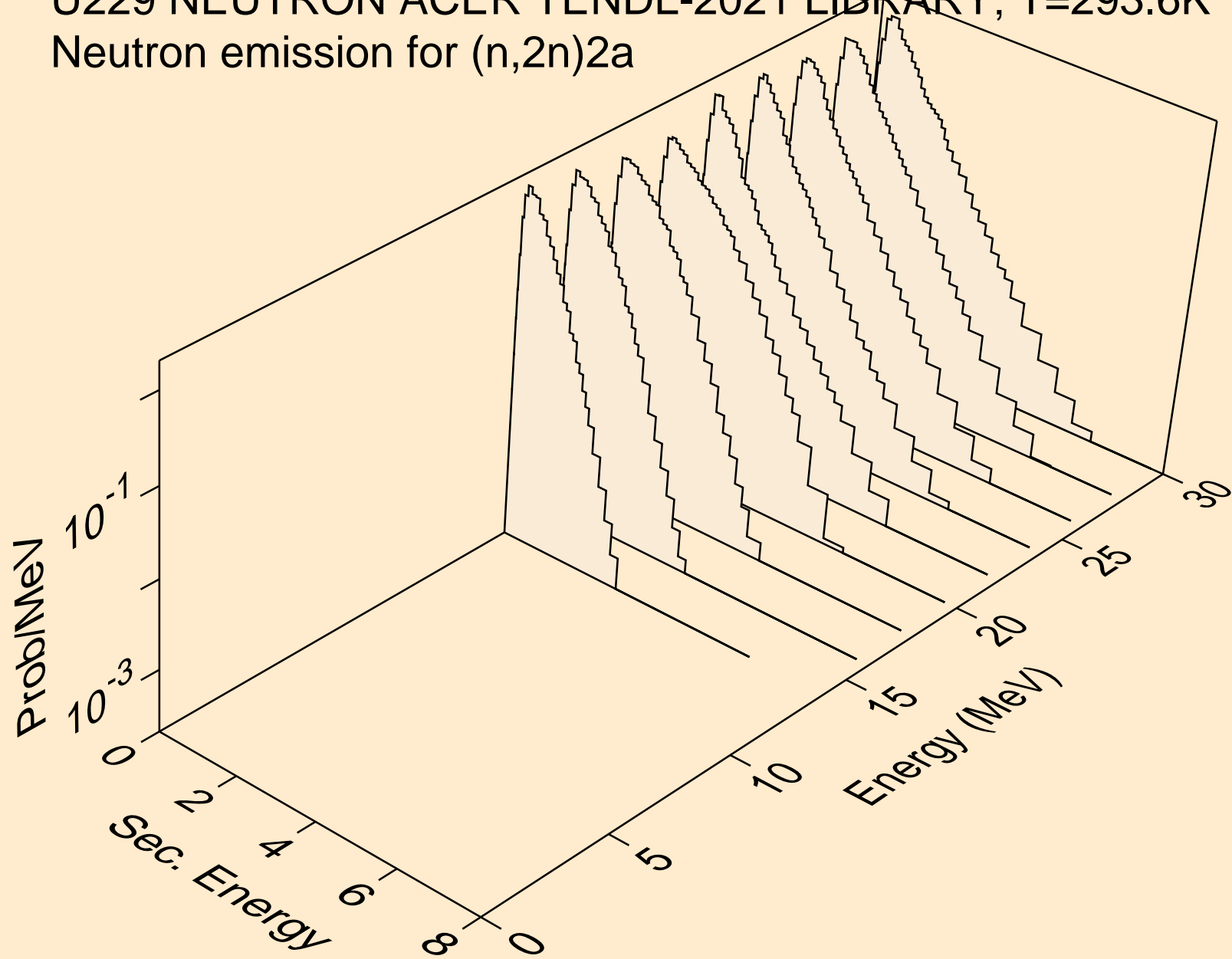


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Neutron emission for (n,n\*)2a

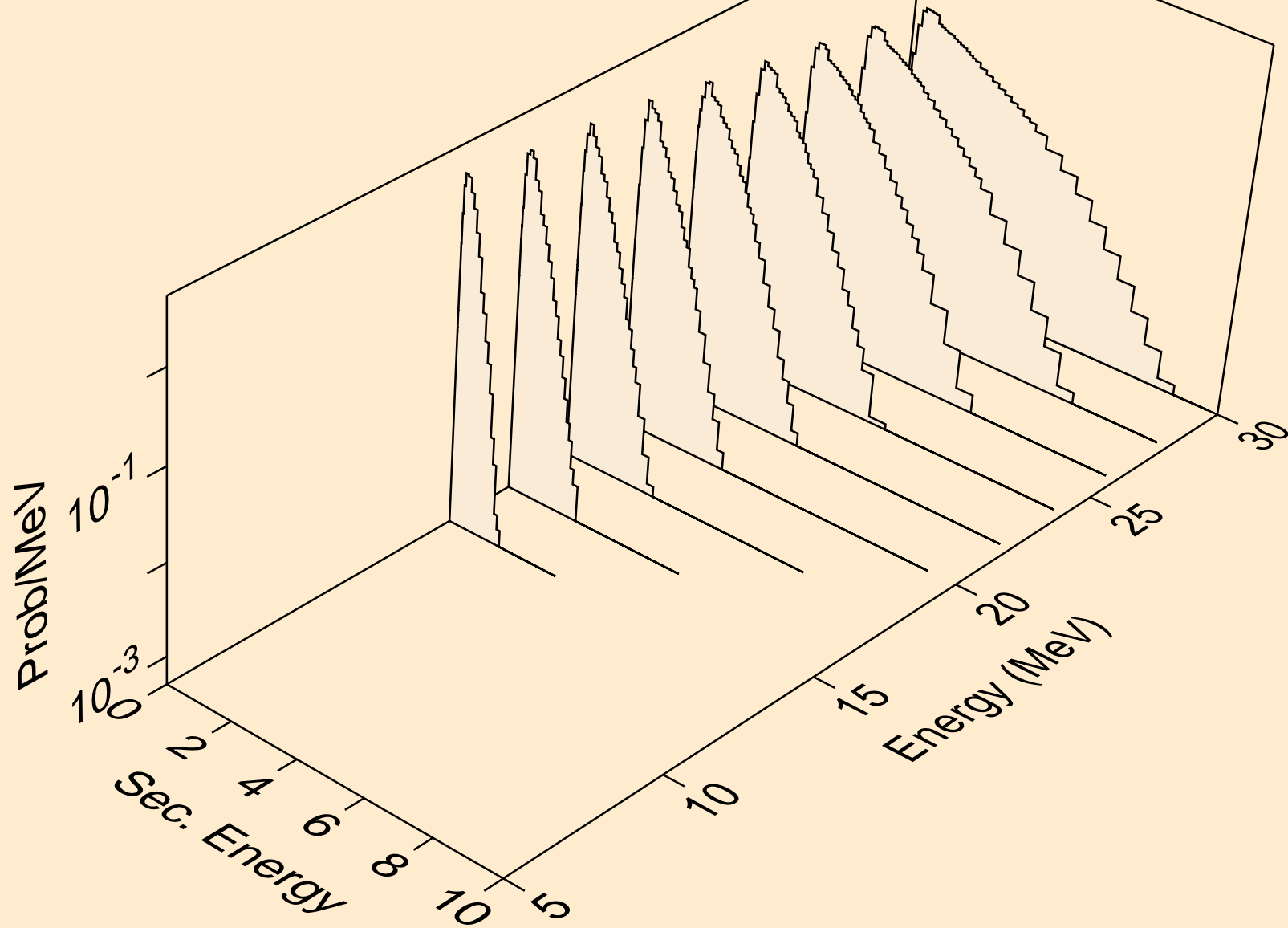




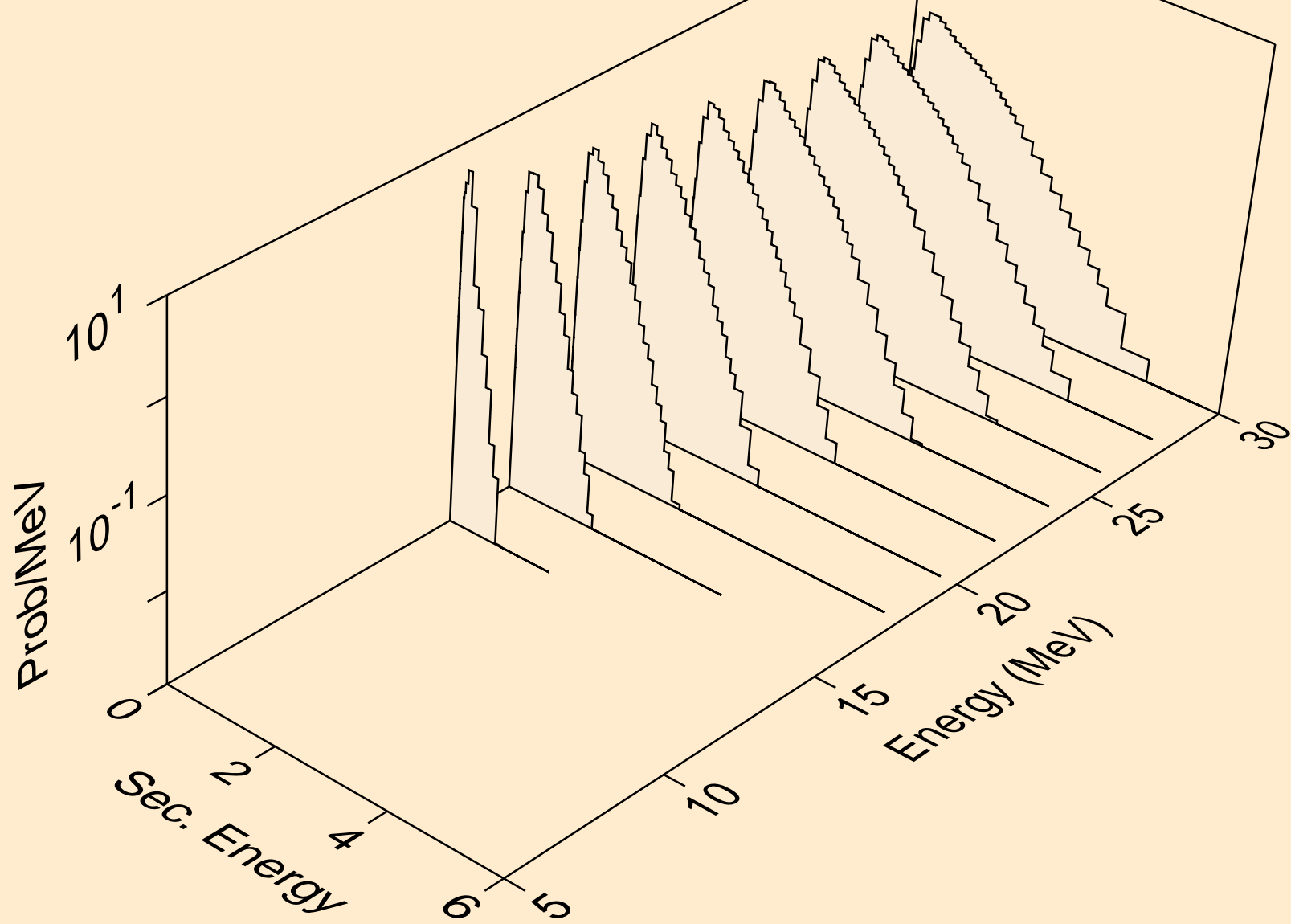
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Neutron emission for (n,2n)2a



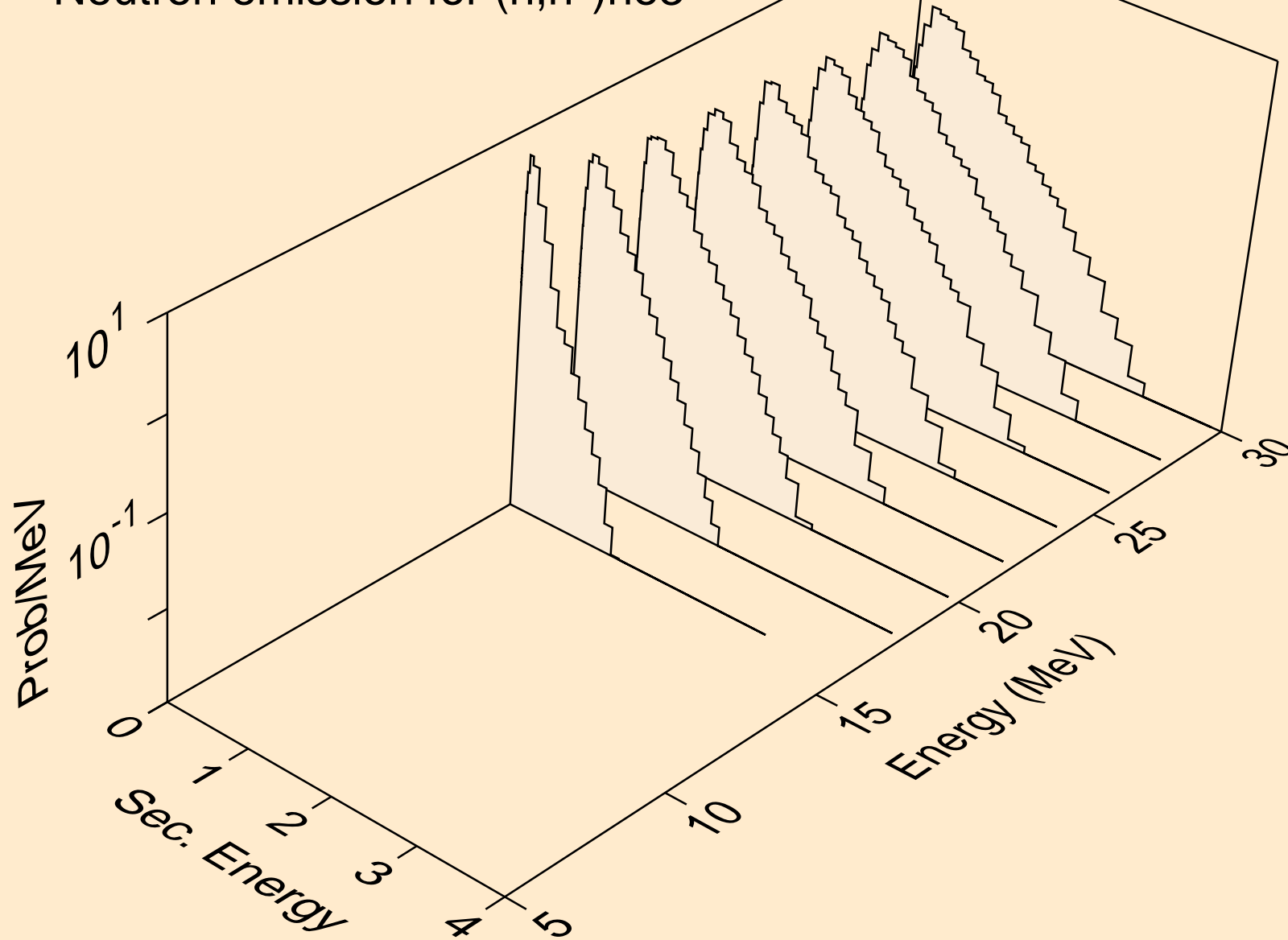
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



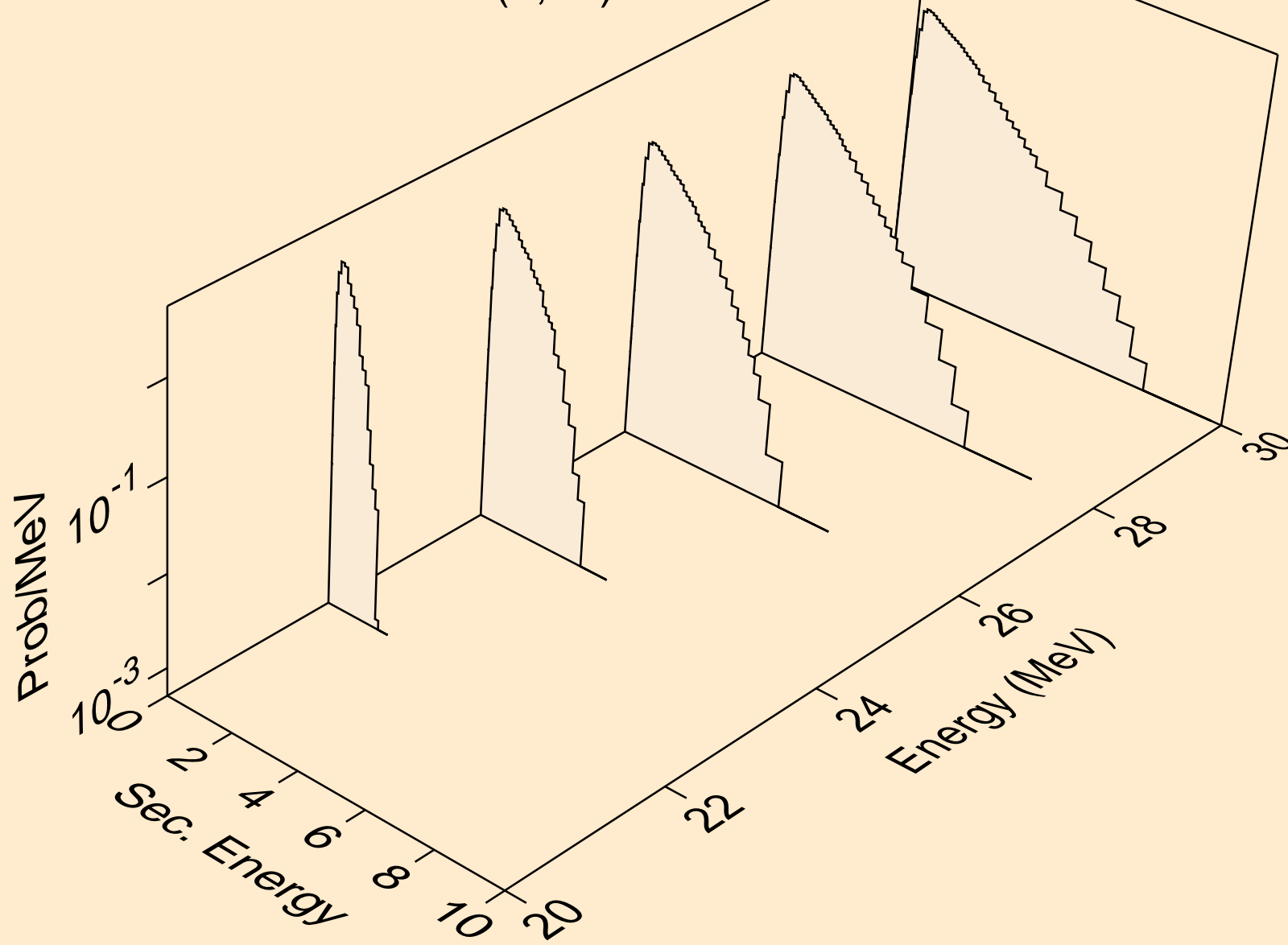
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Neutron emission for (n,n\*)t



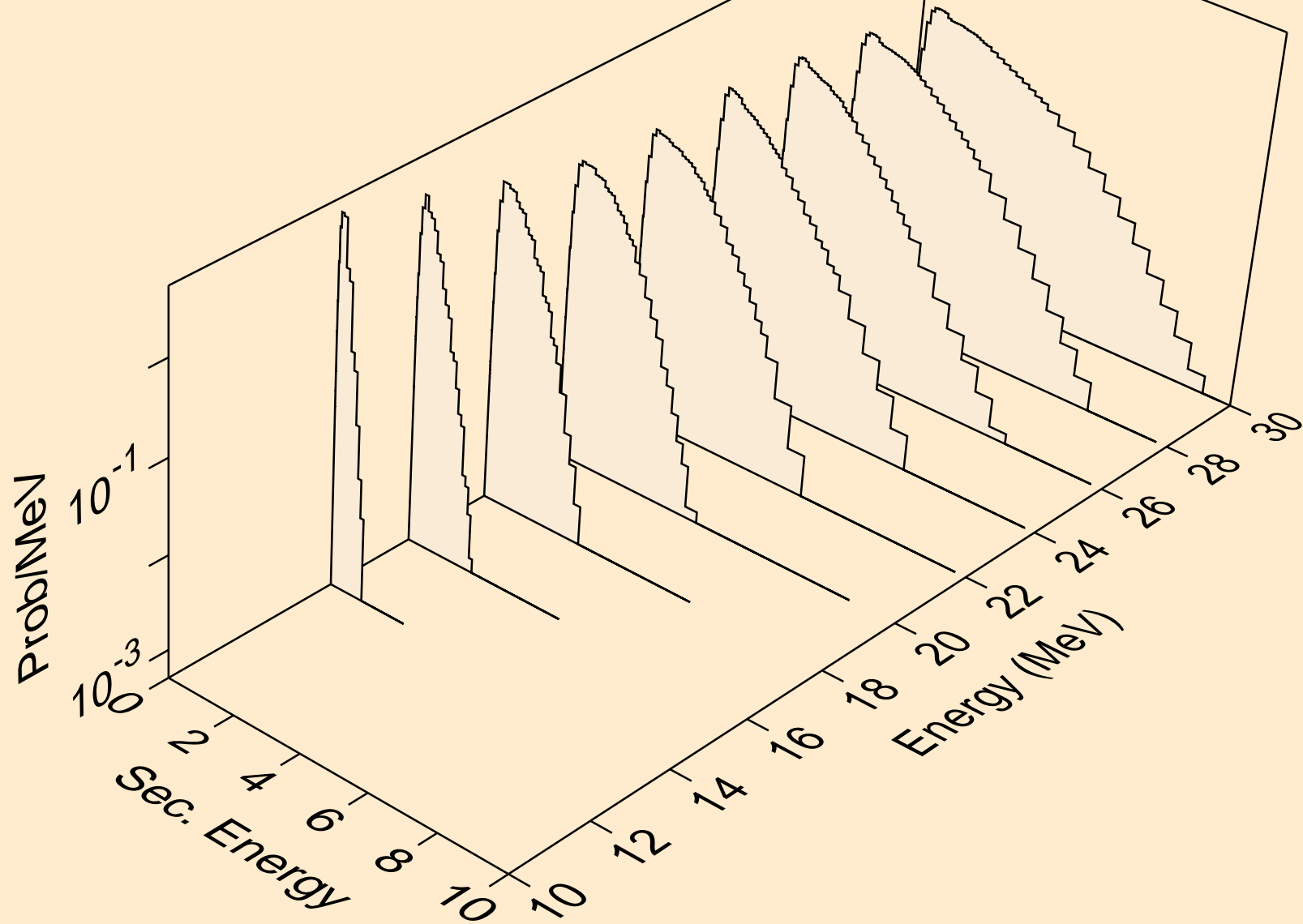
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



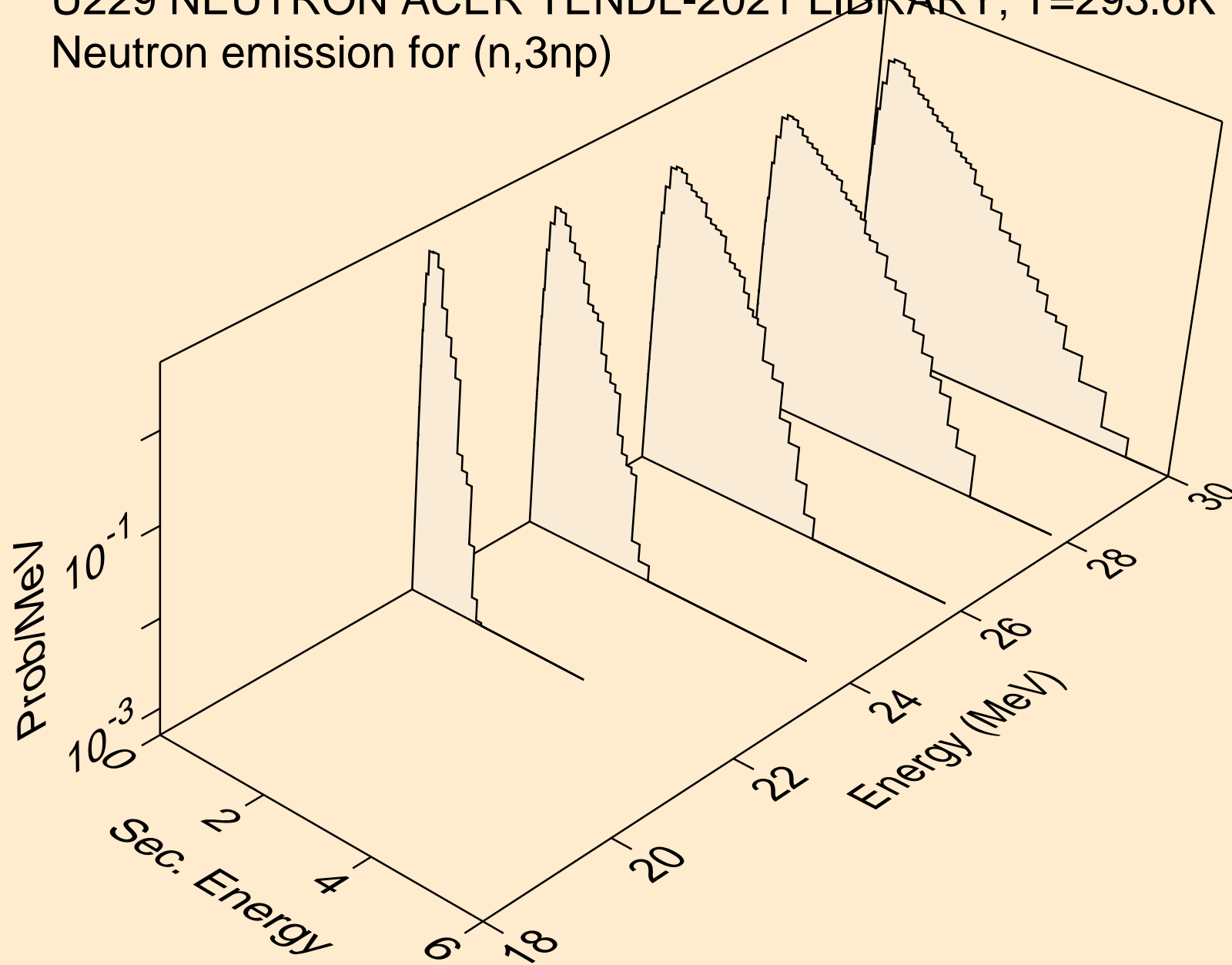
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



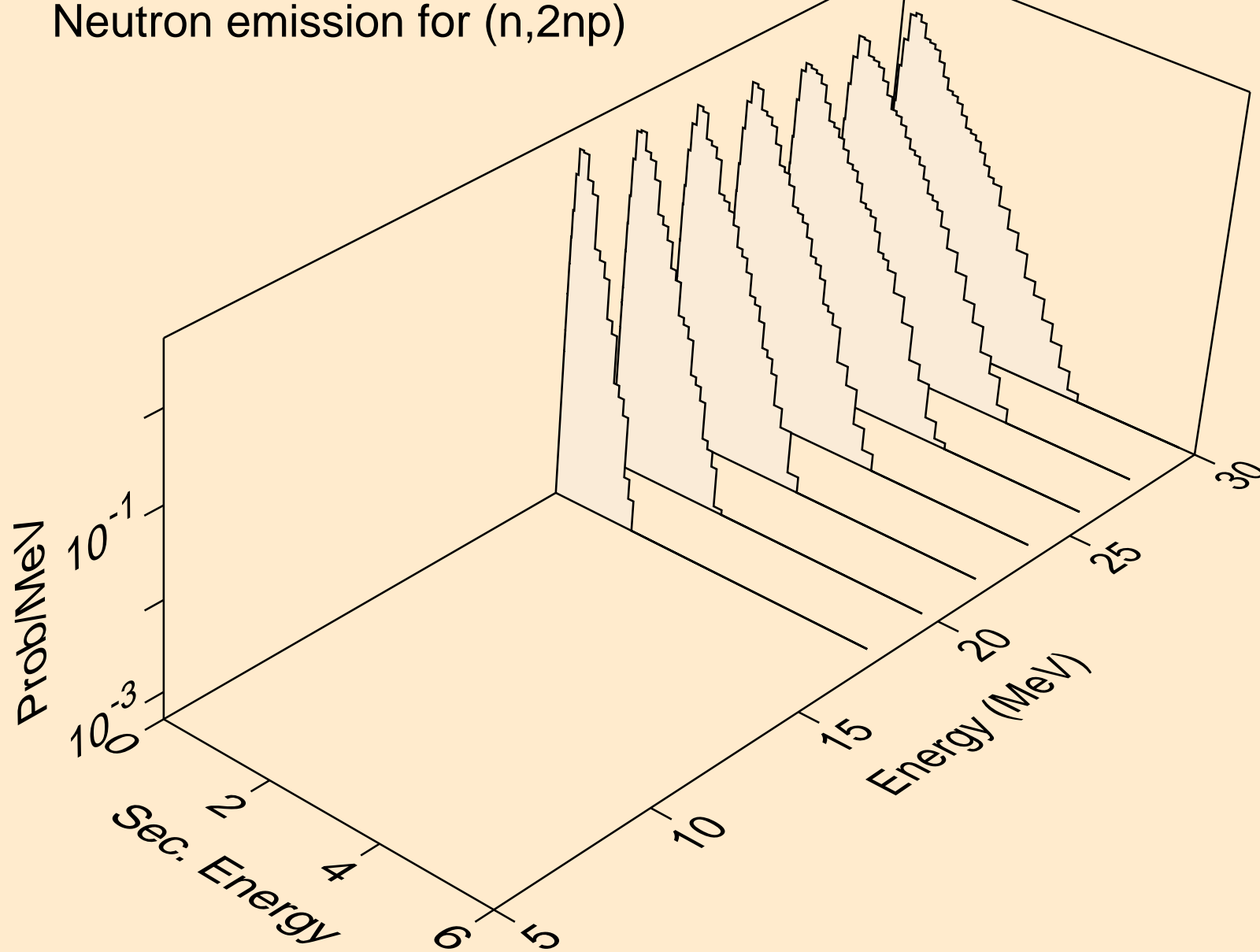
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

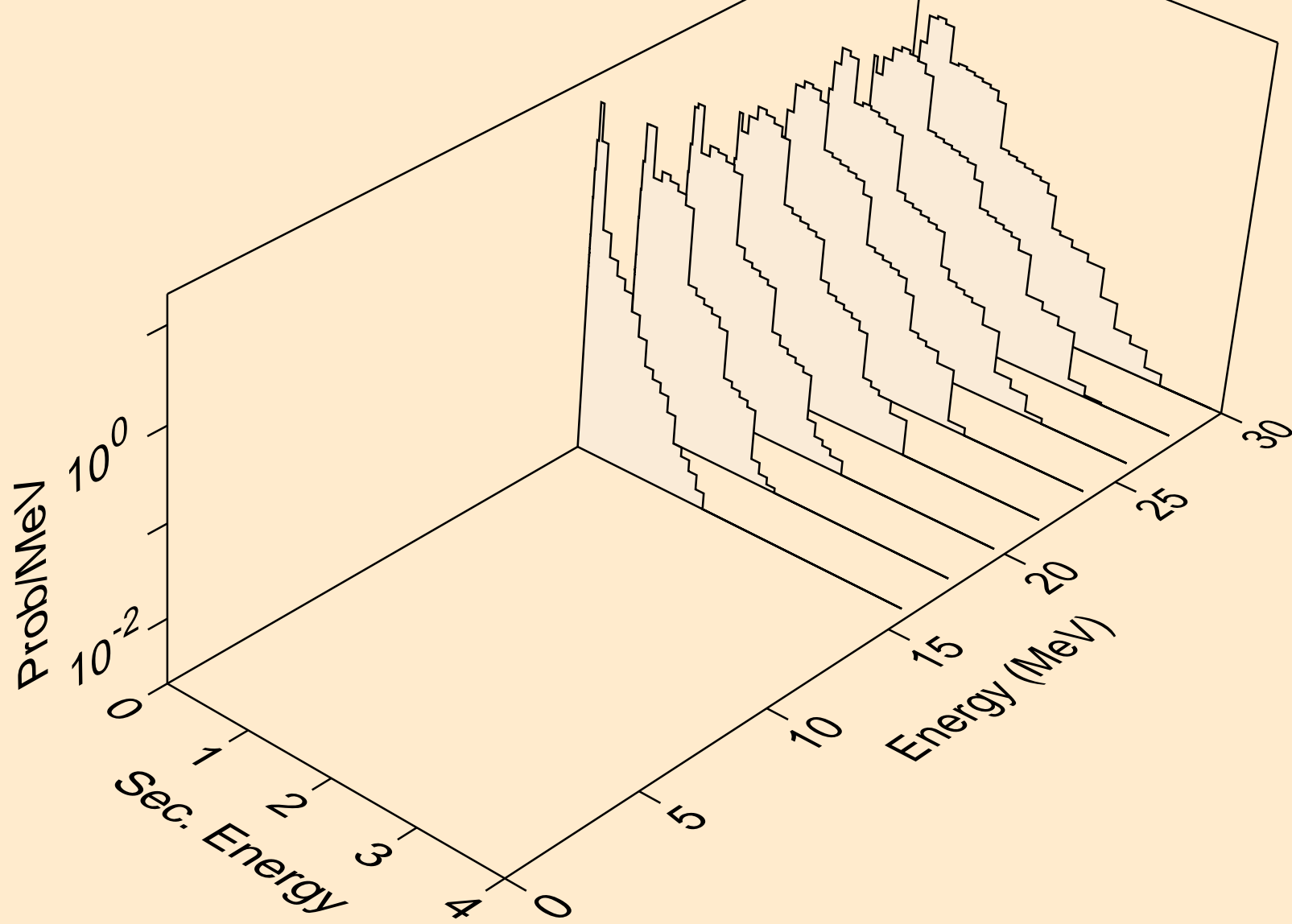


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Neutron emission for (n,2np)

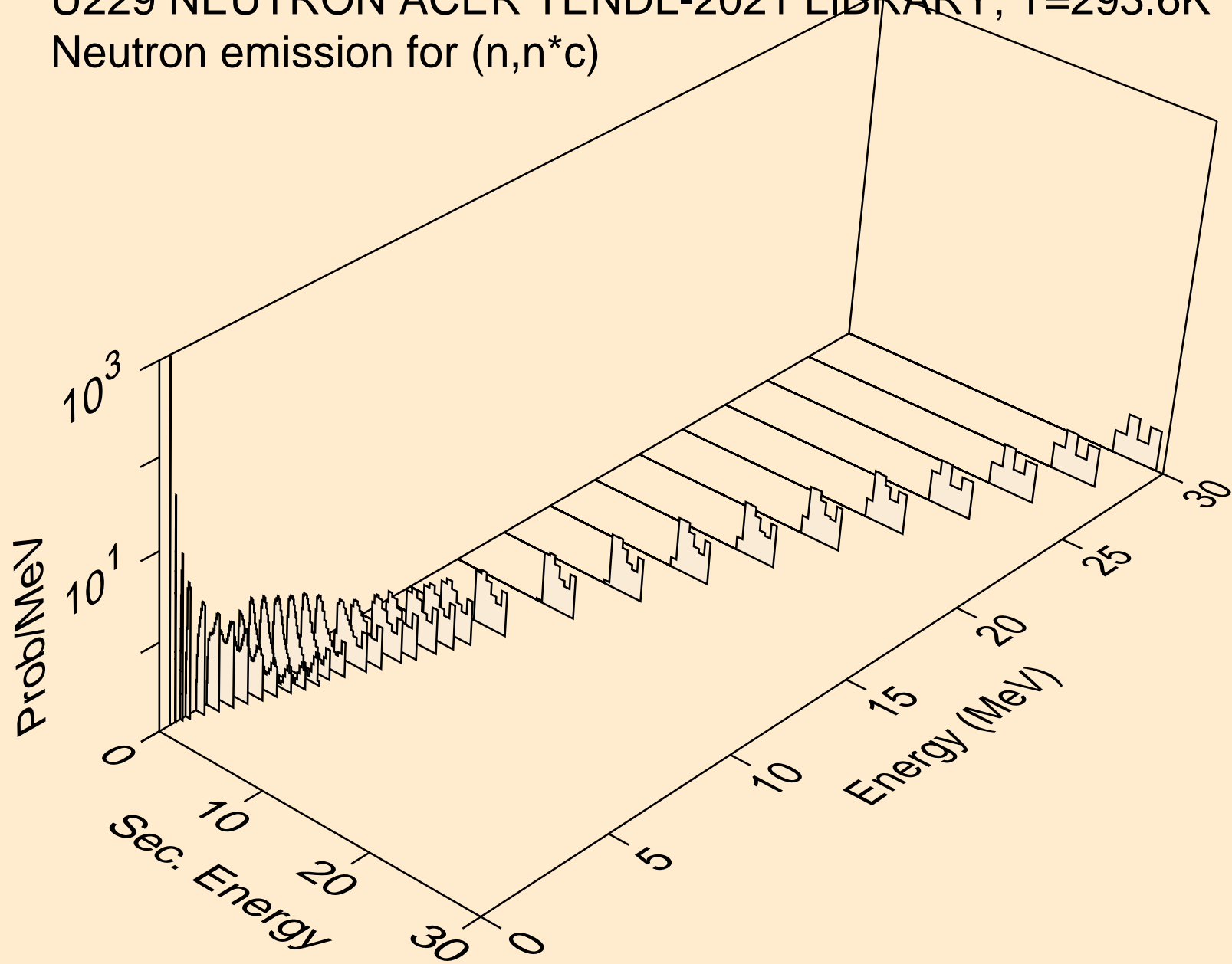




U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

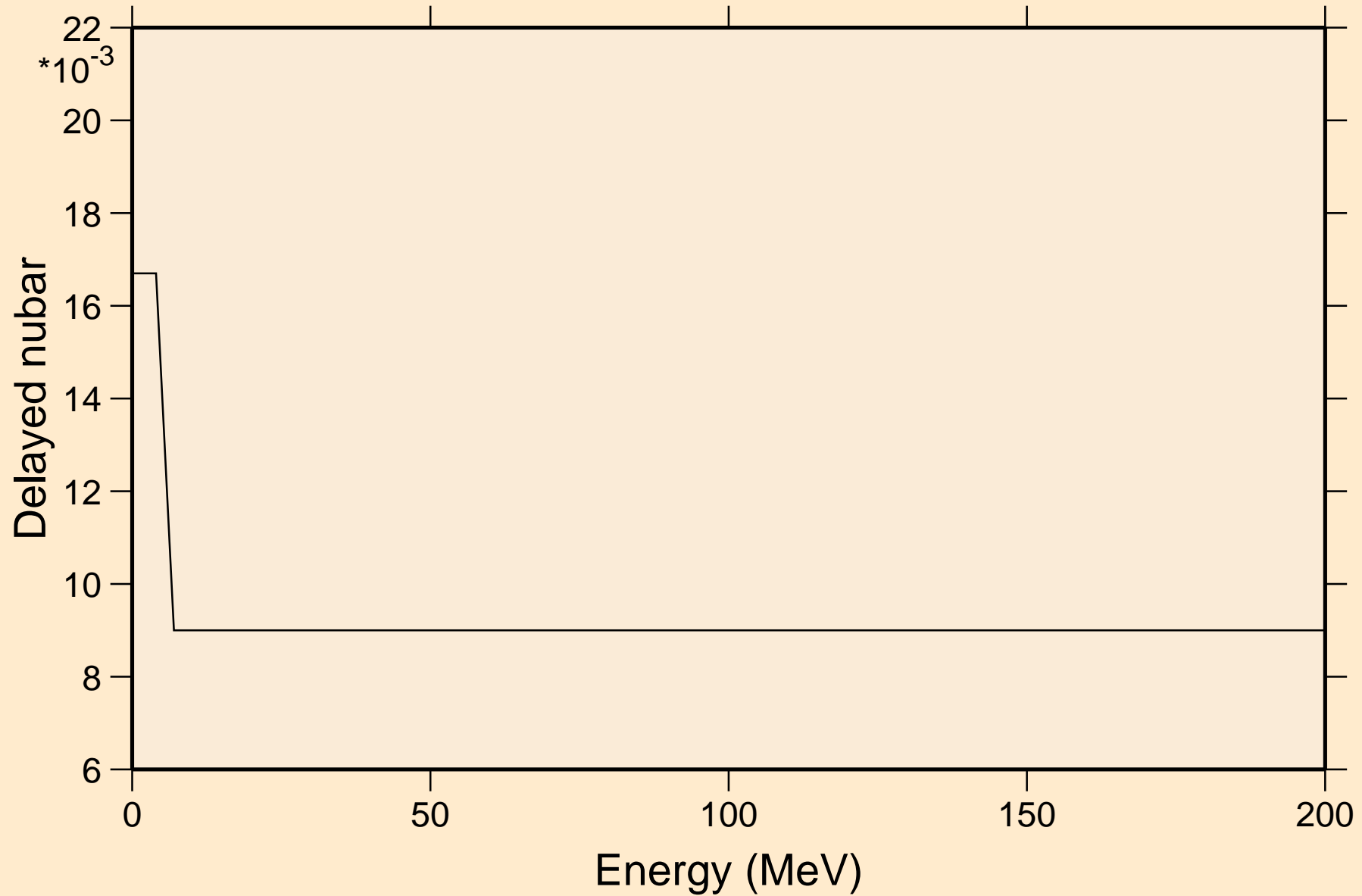


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



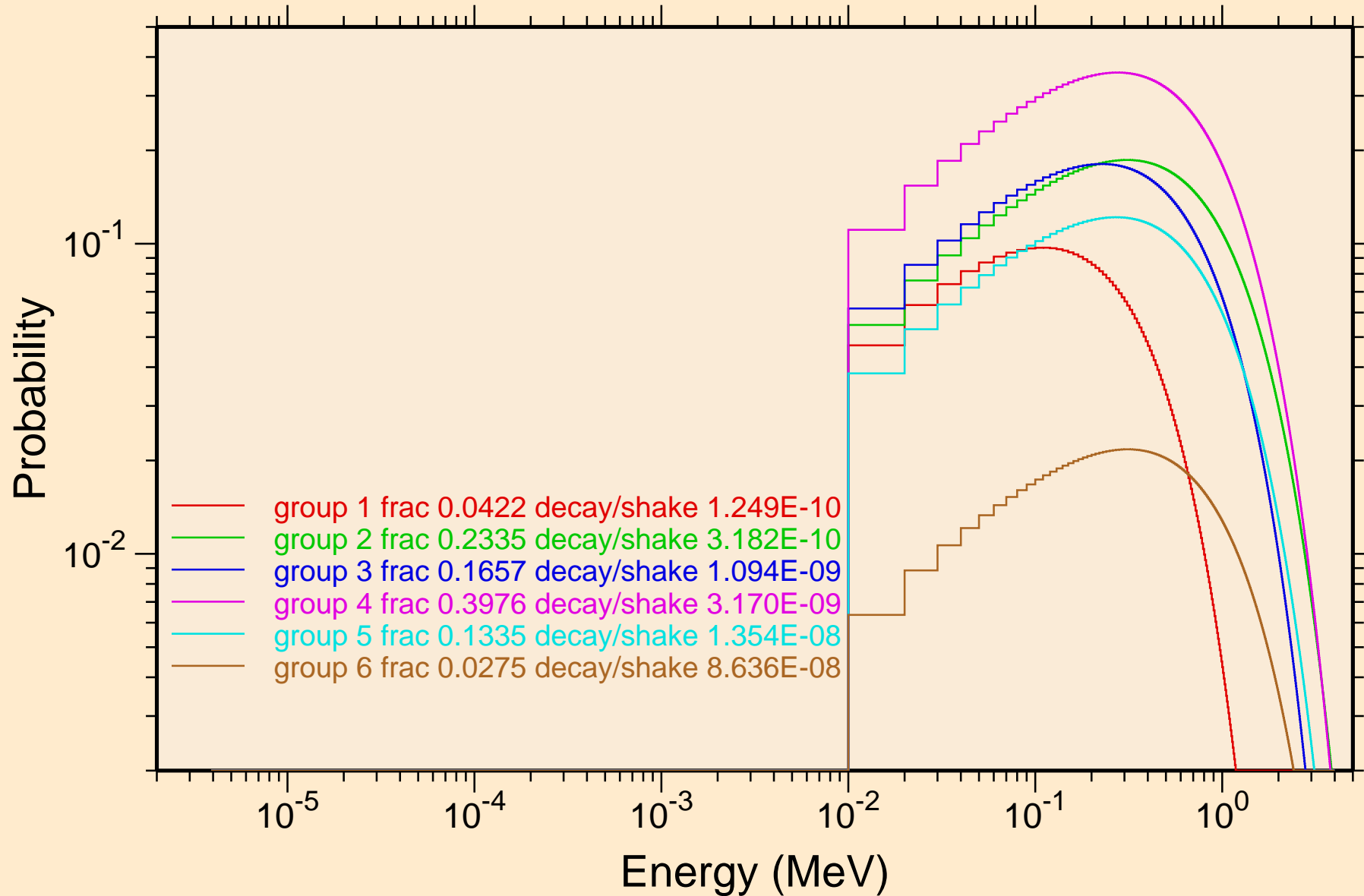
# U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Delayed nubar

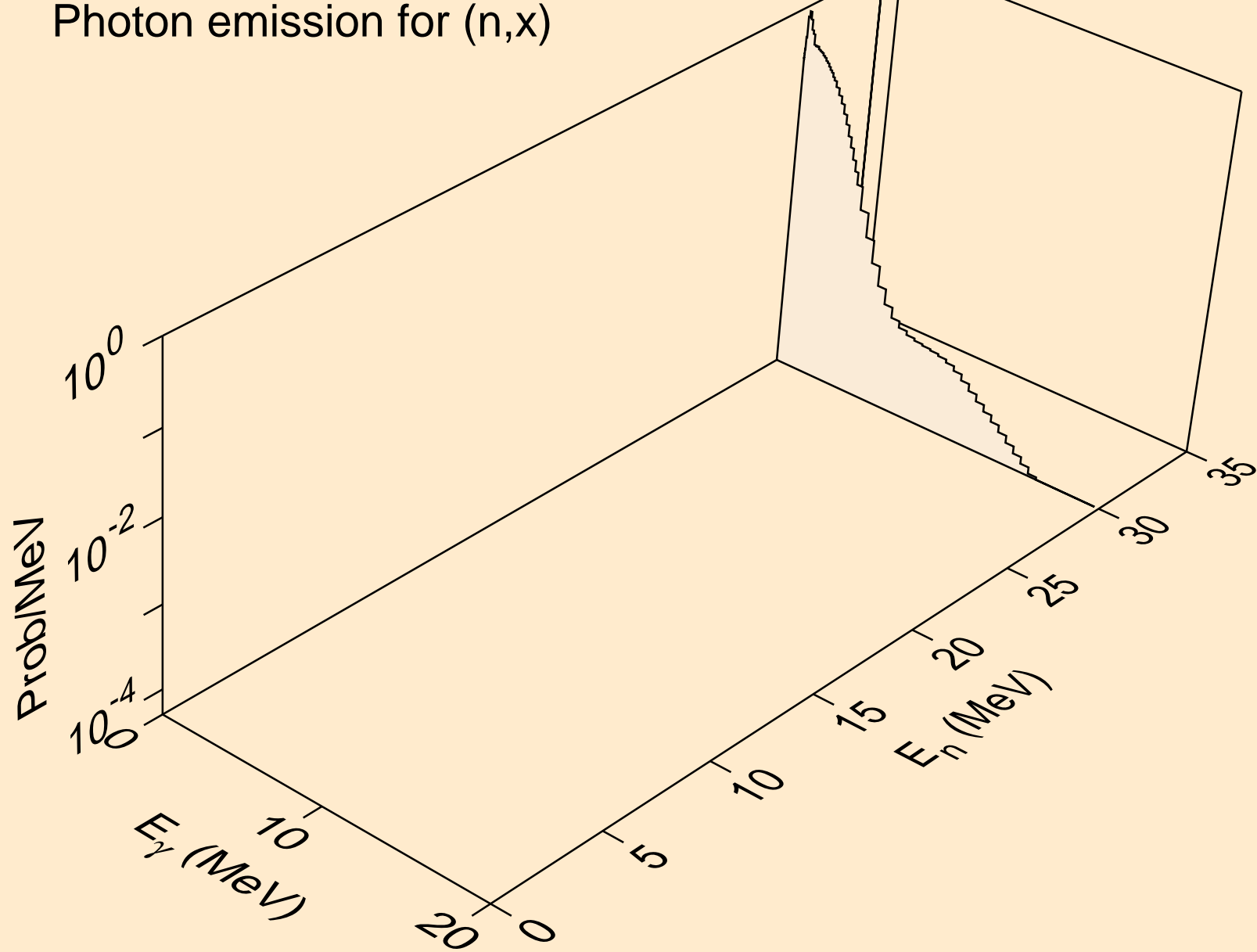


# U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

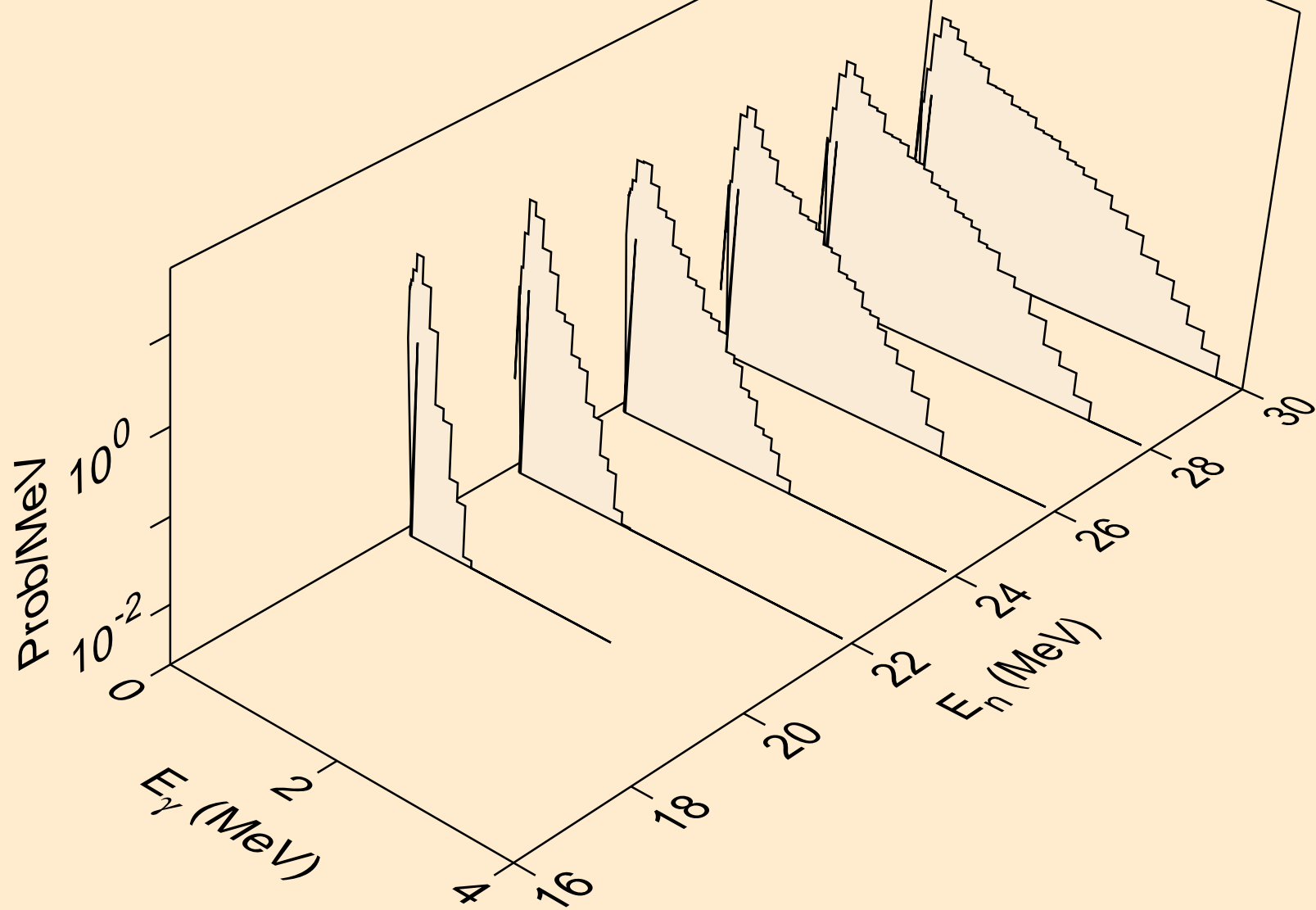
## Delayed neutron spectra



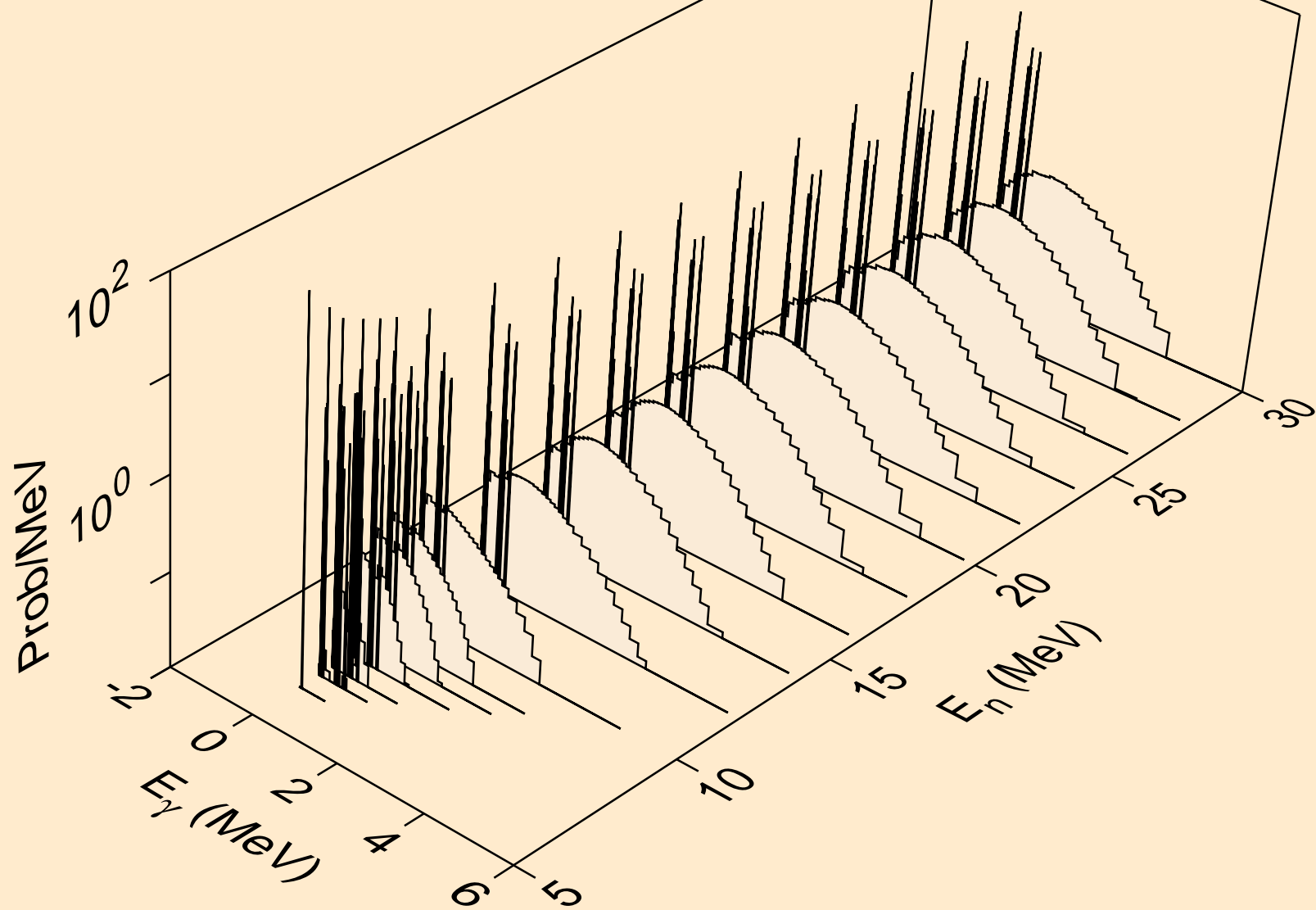
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Photon emission for (n,x)



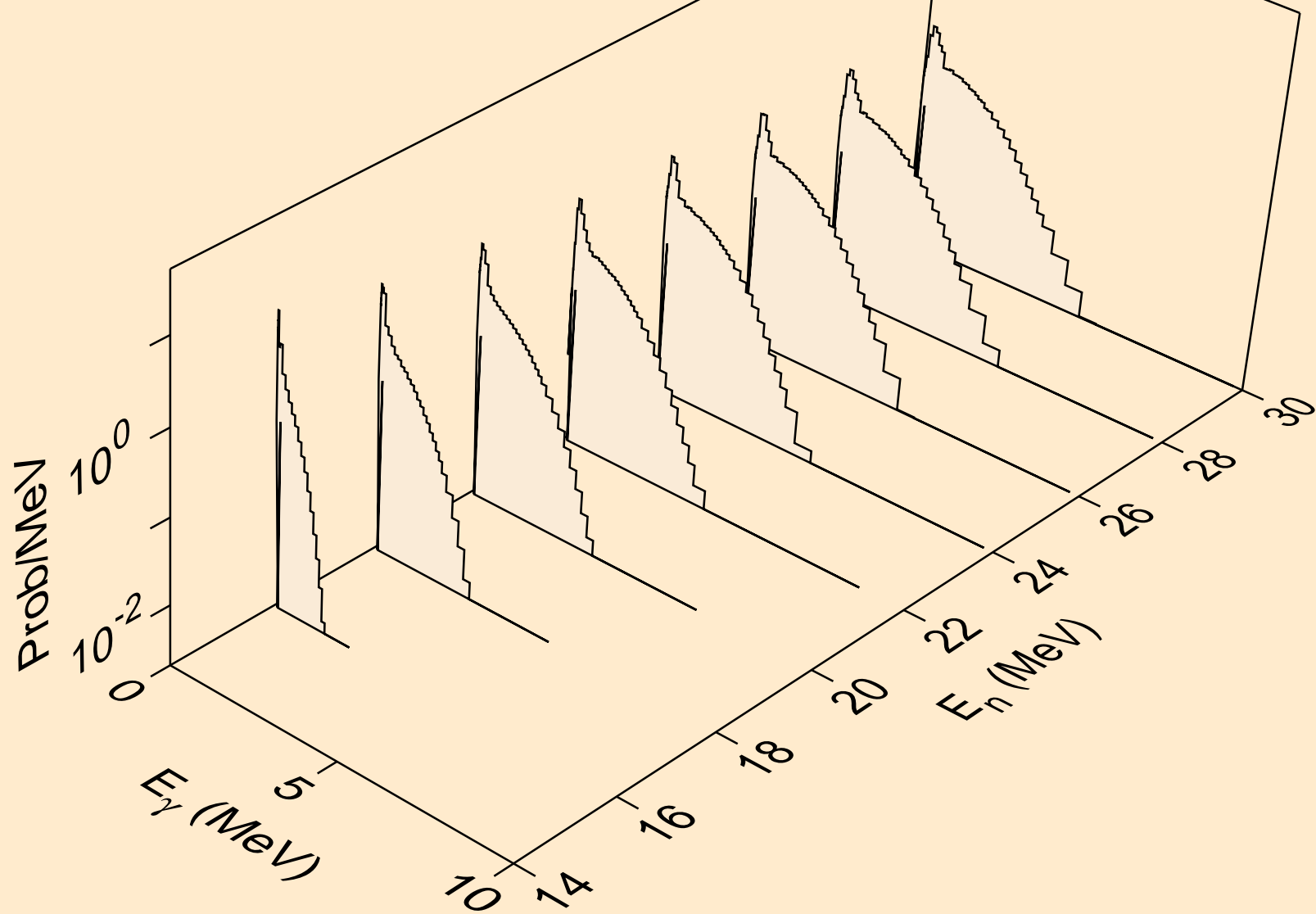
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

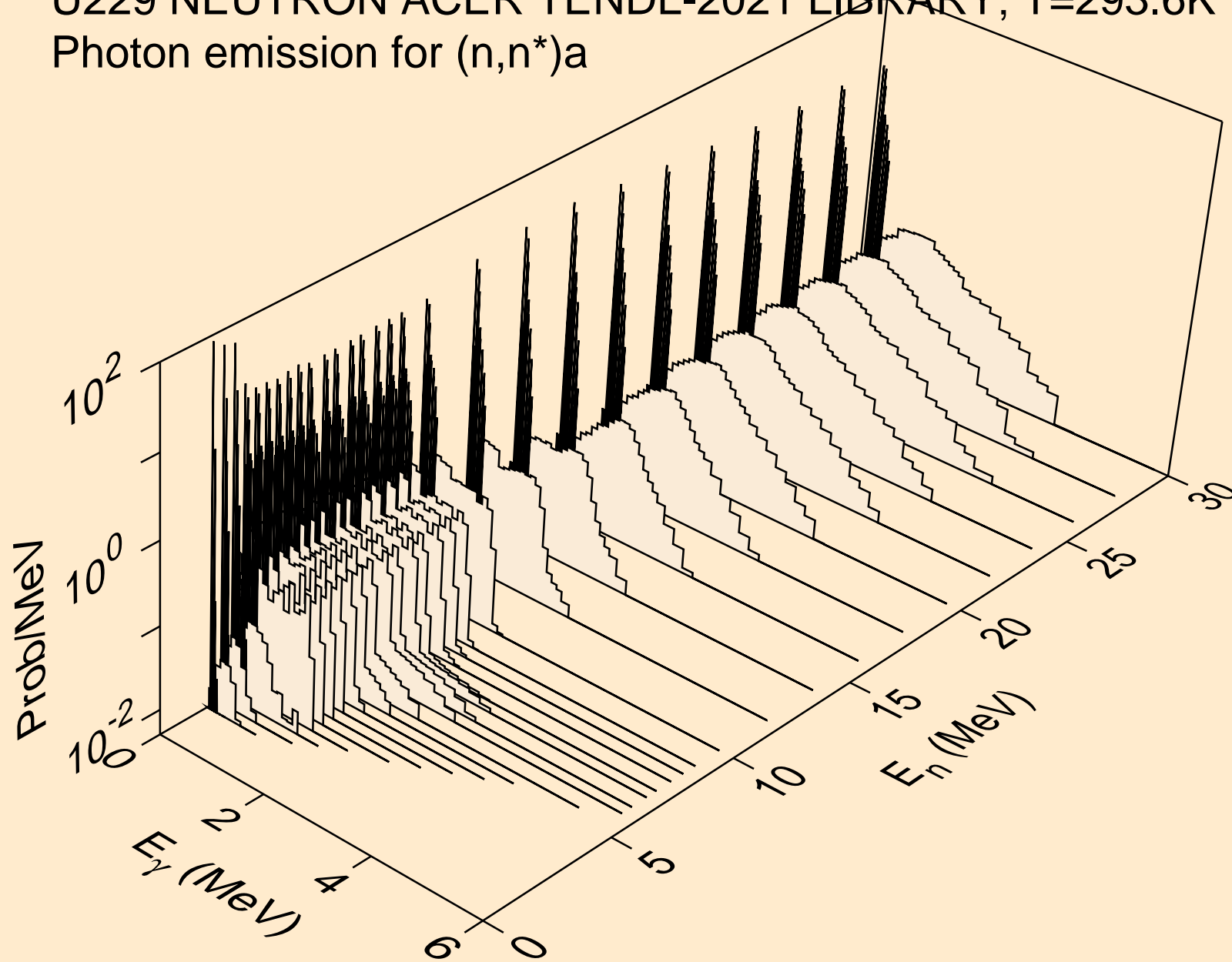


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Photon emission for (n,3n)

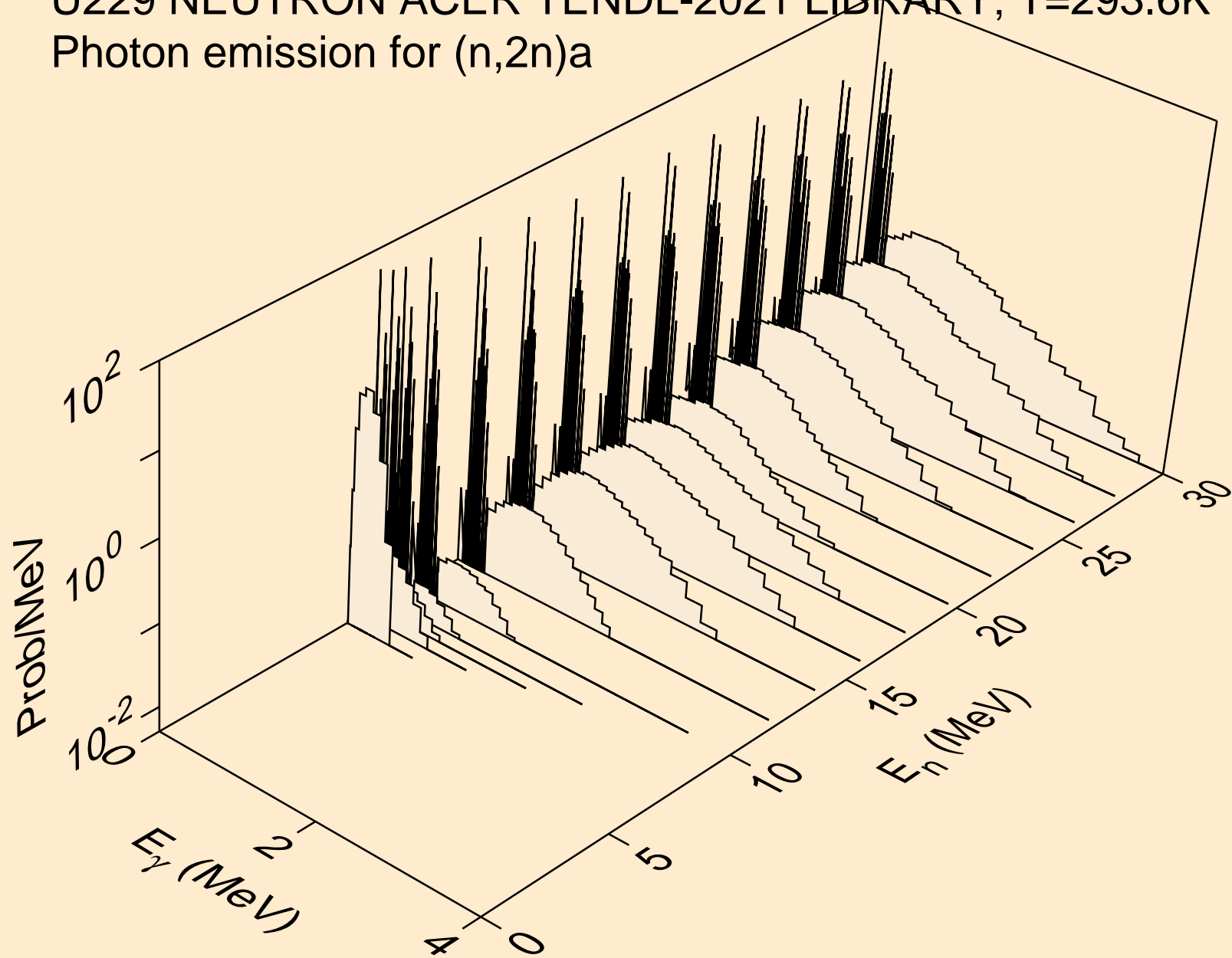




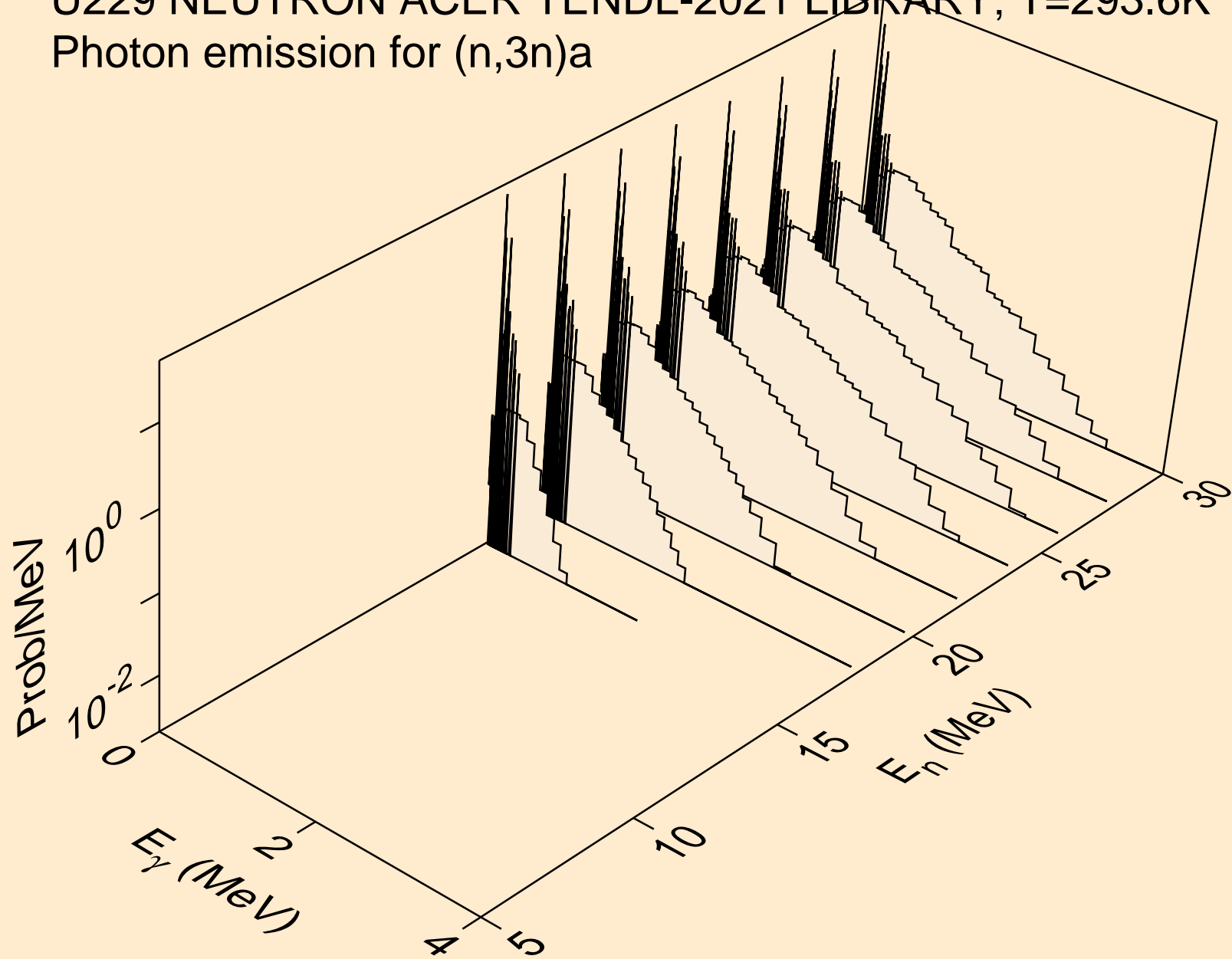
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Photon emission for (n,n\*)a



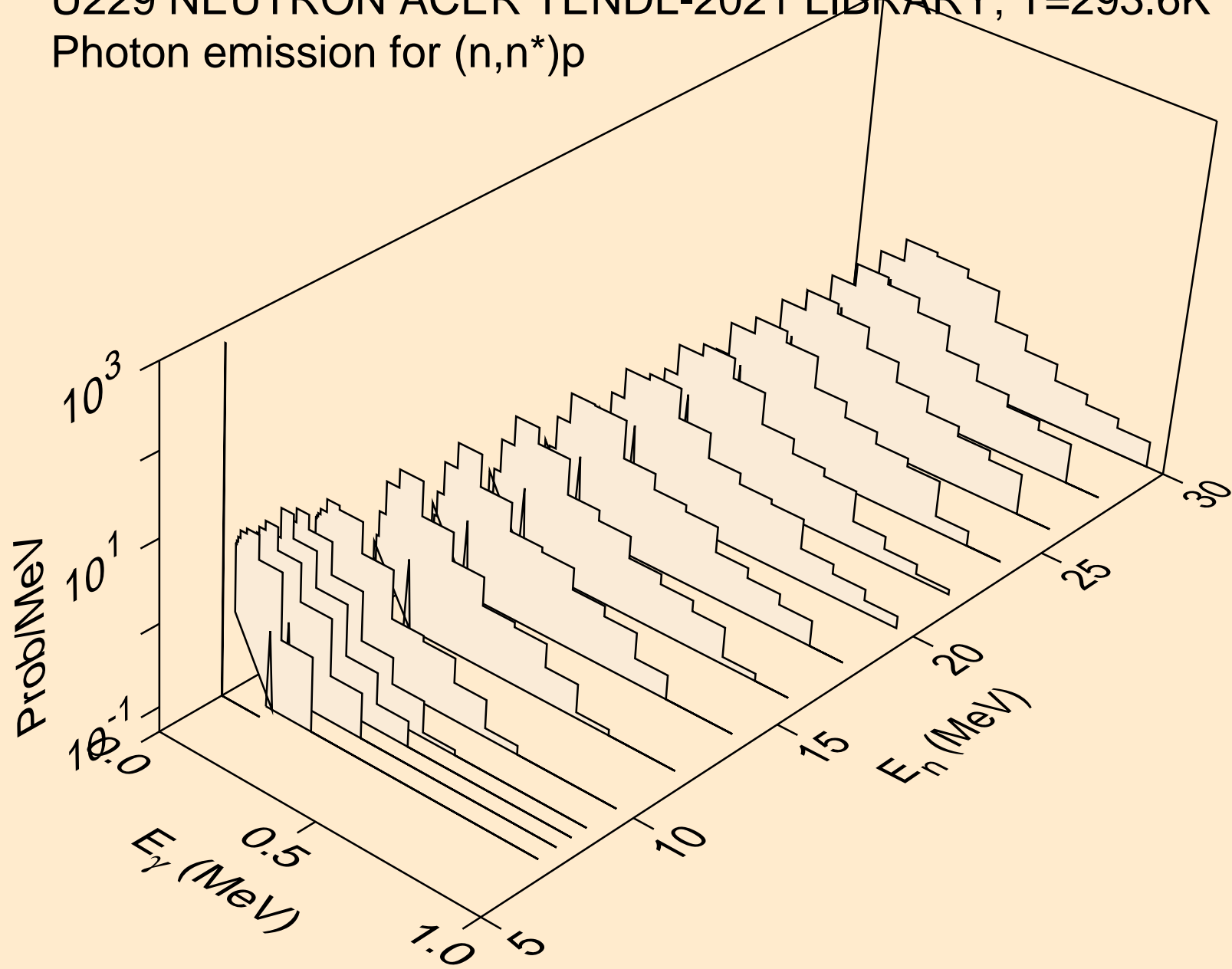
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Photon emission for (n,2n)a



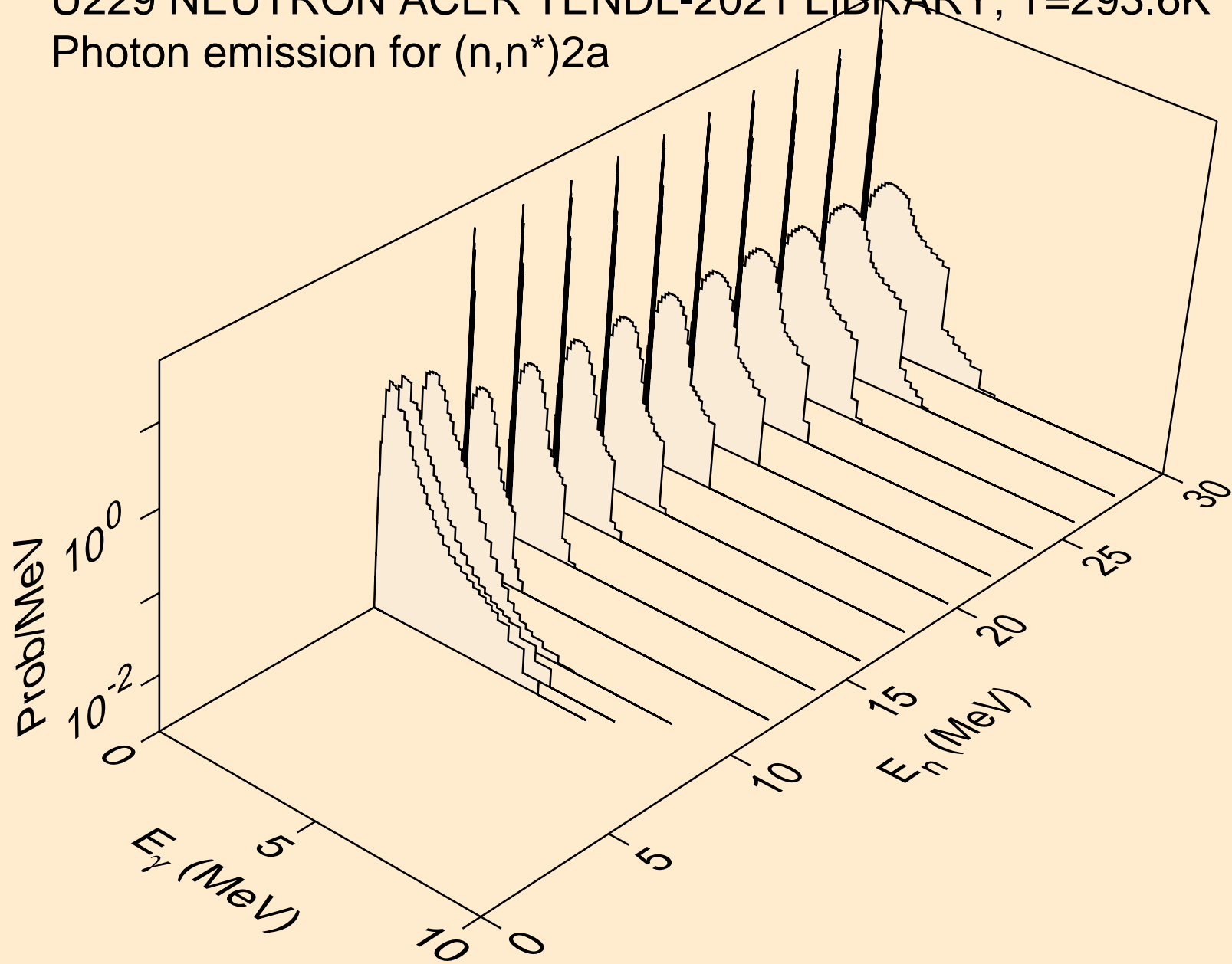
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Photon emission for (n,3n)a



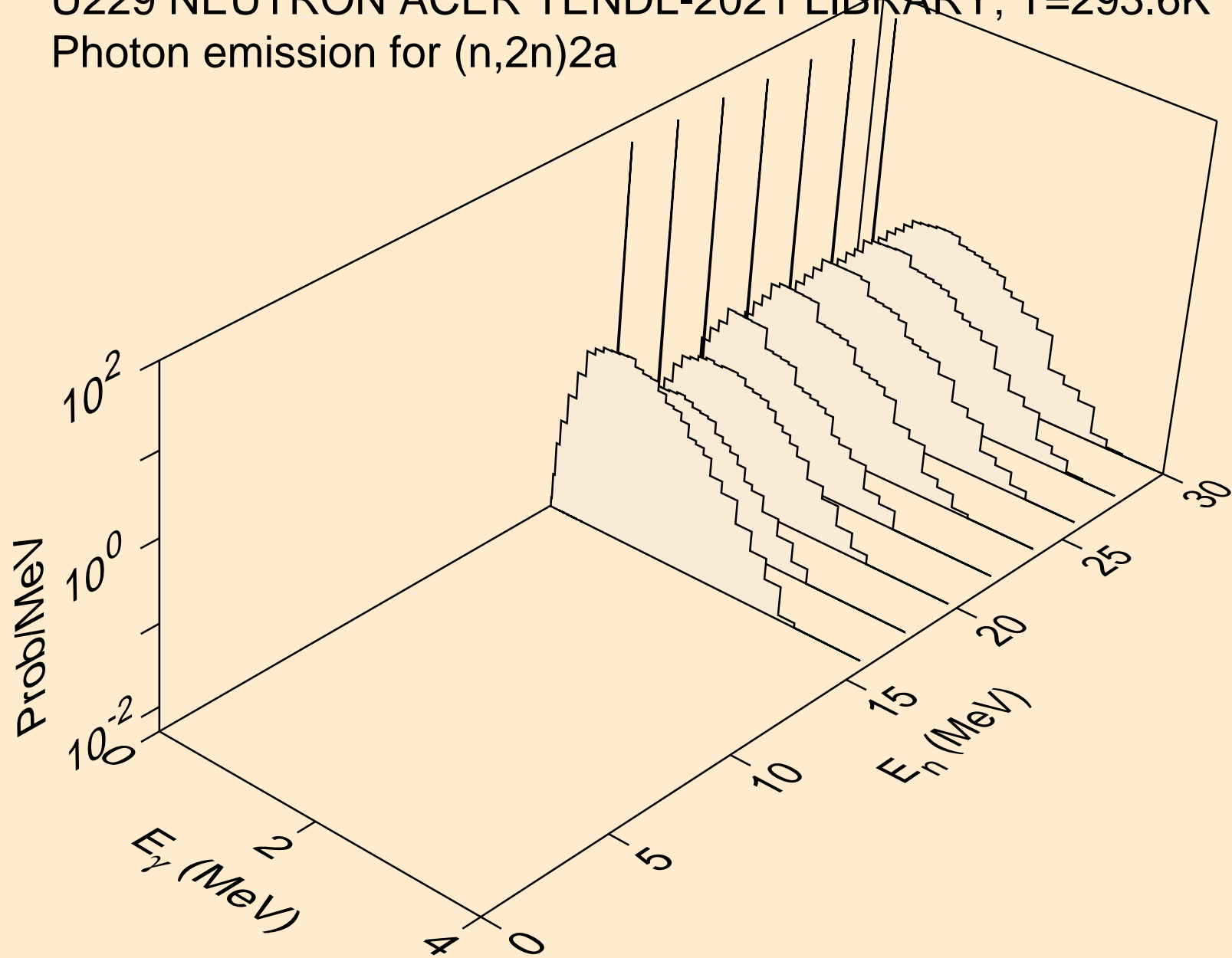
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



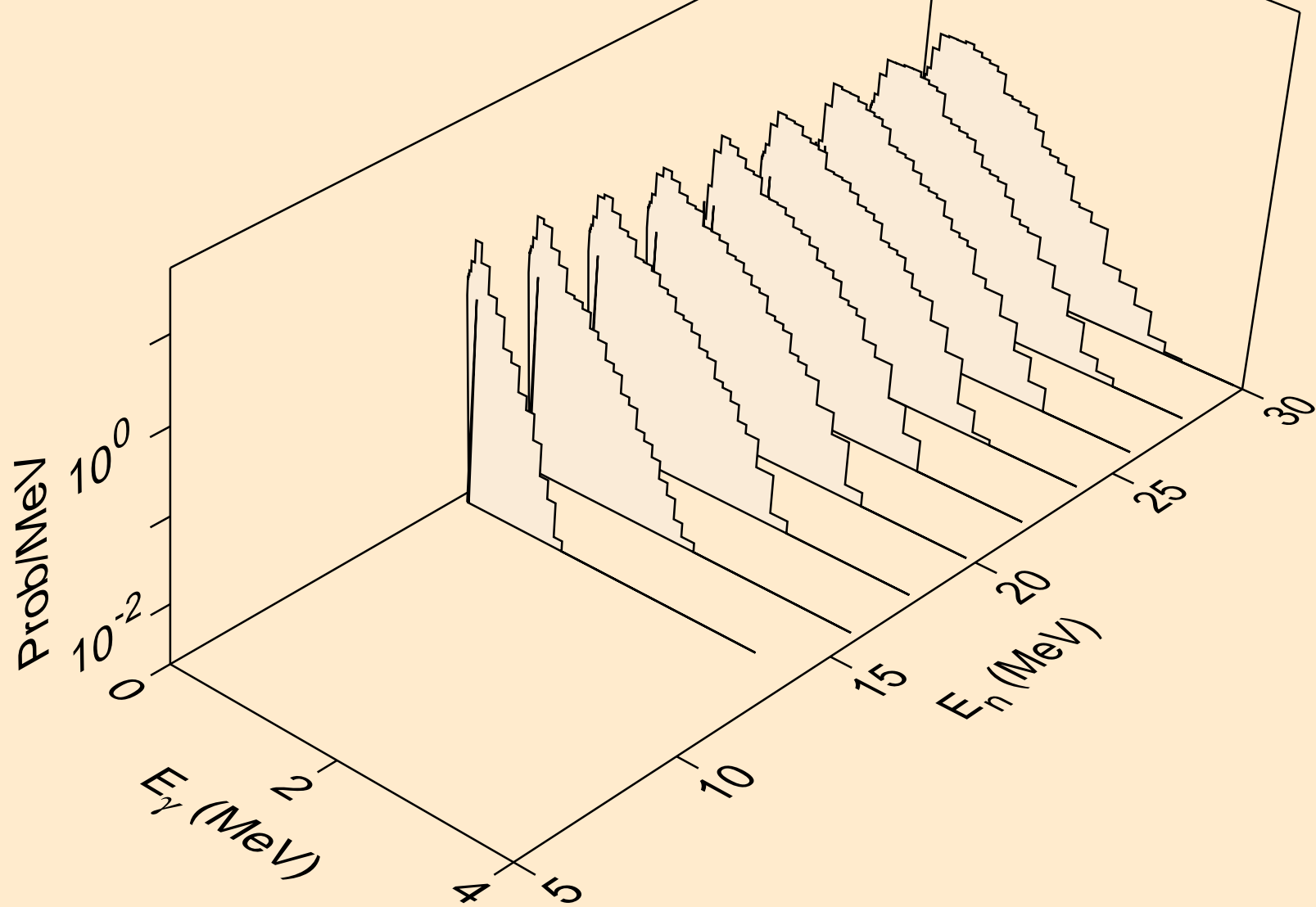
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Photon emission for (n,n\*)2a



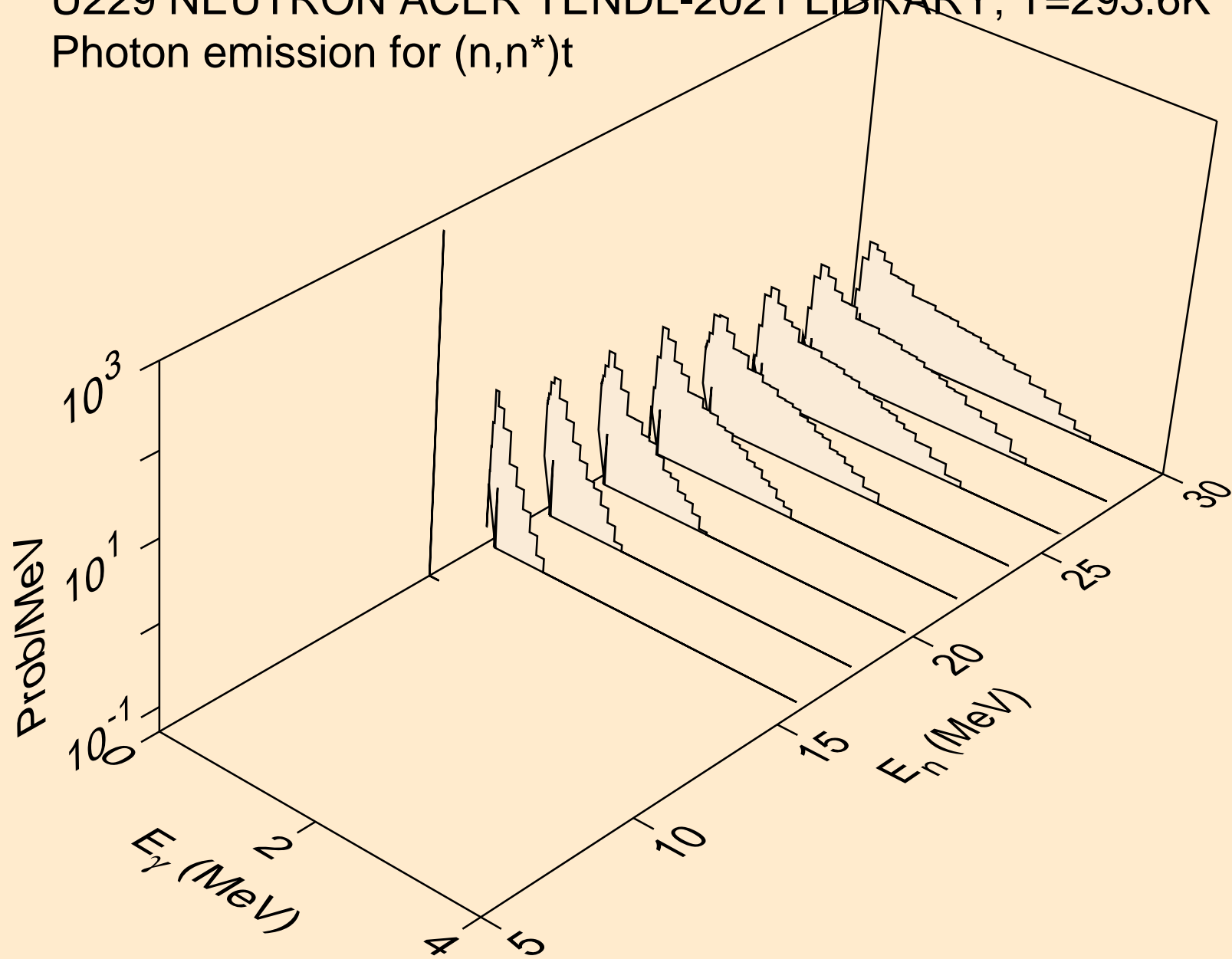
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

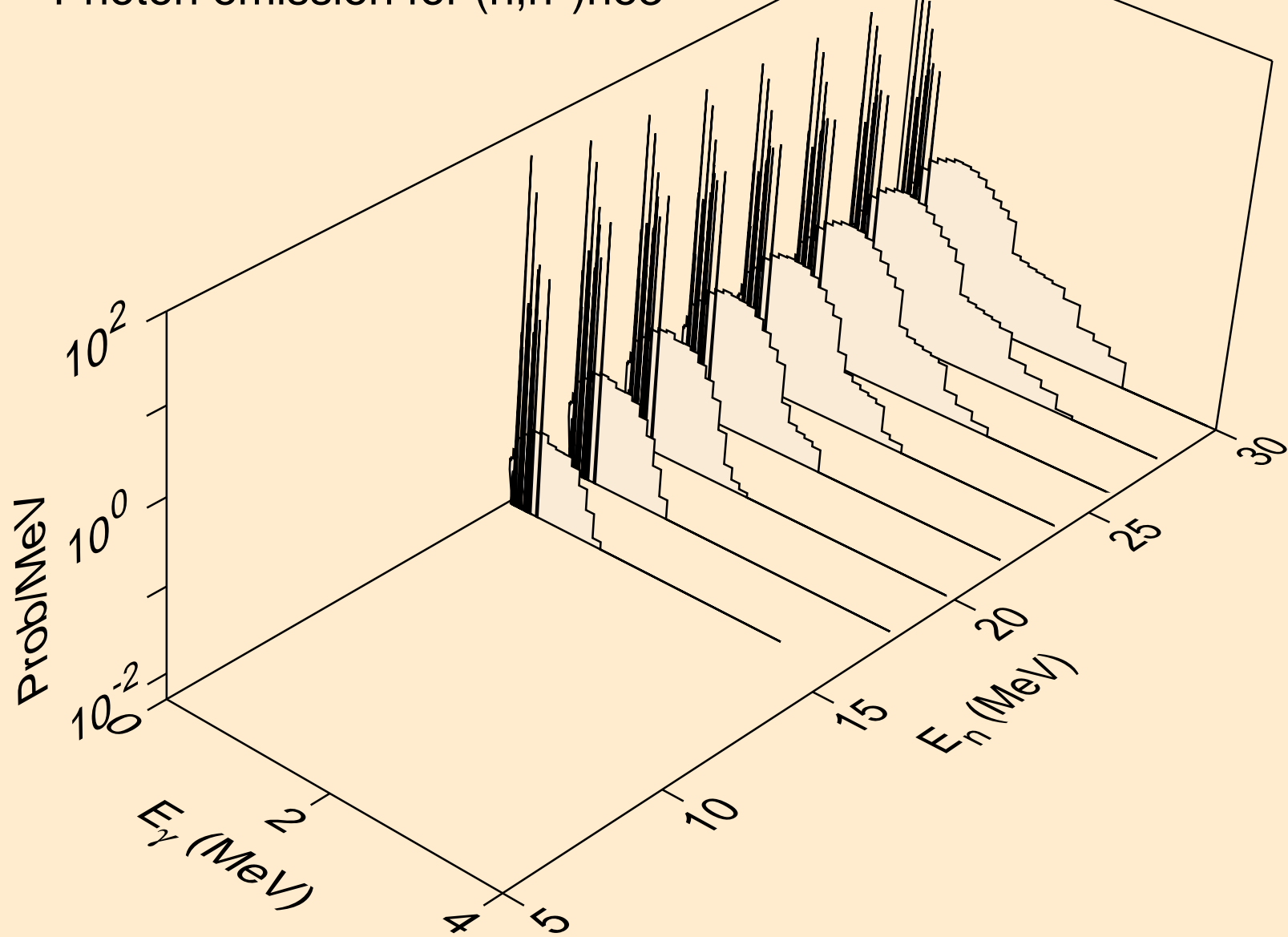


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

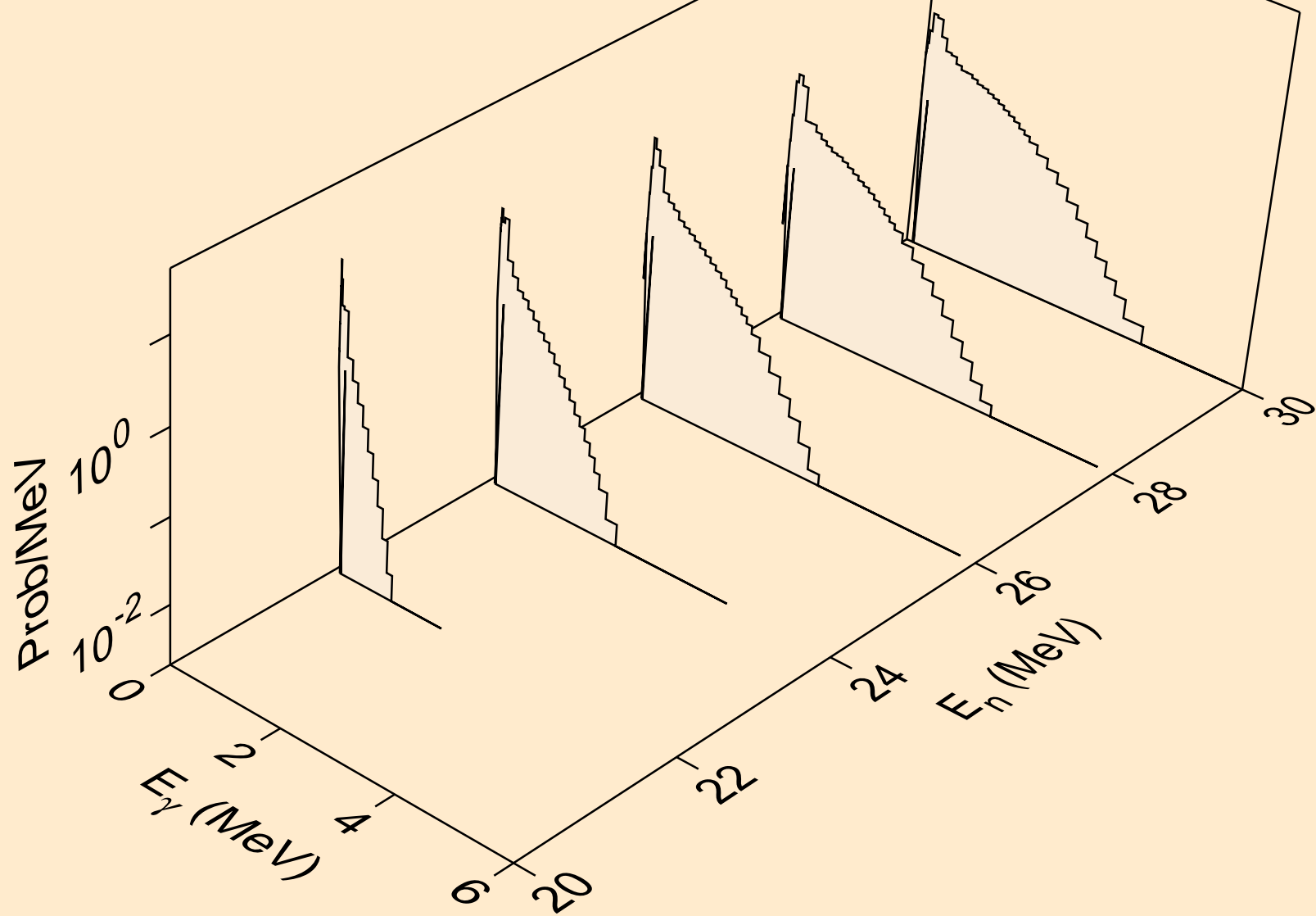




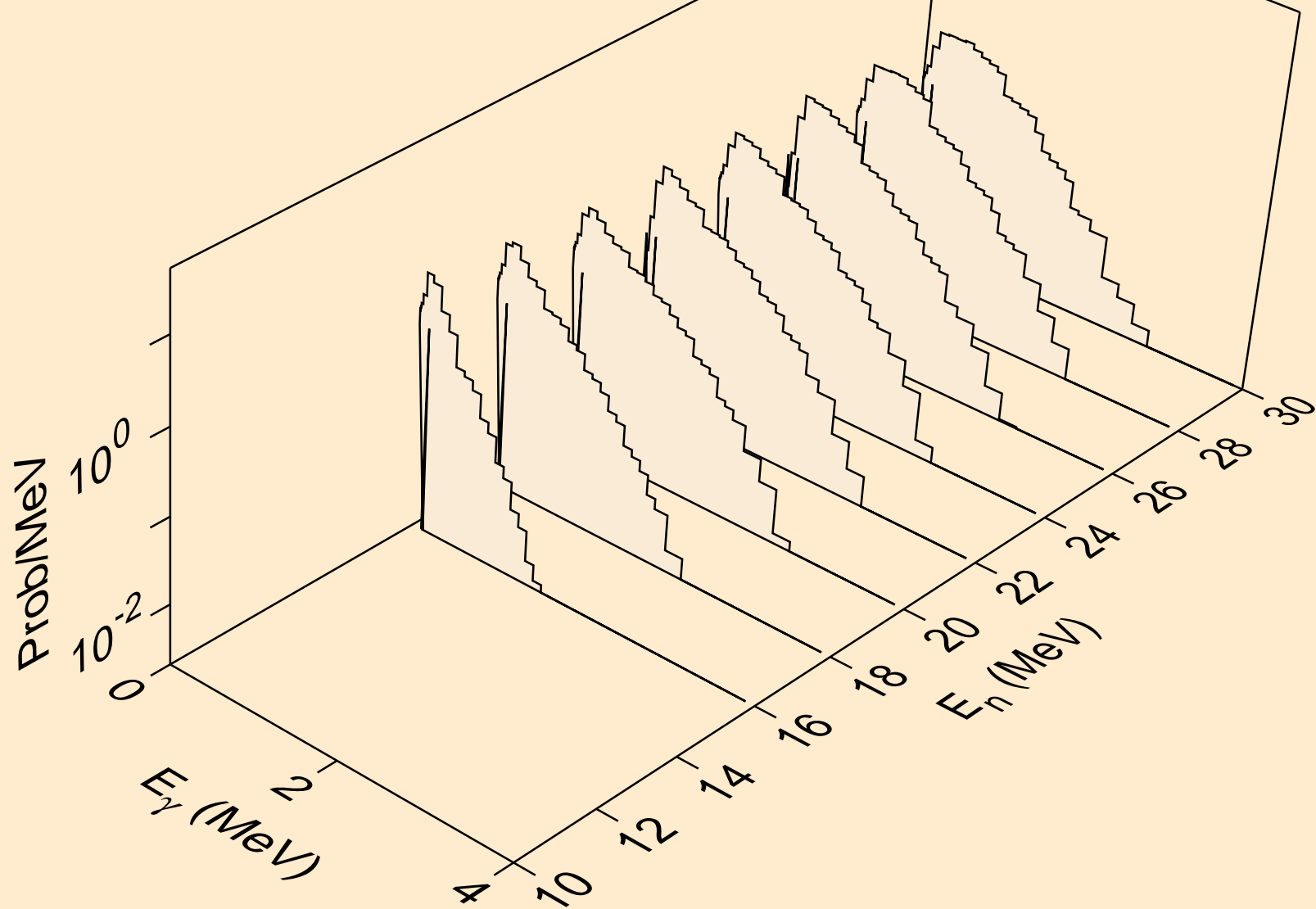
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



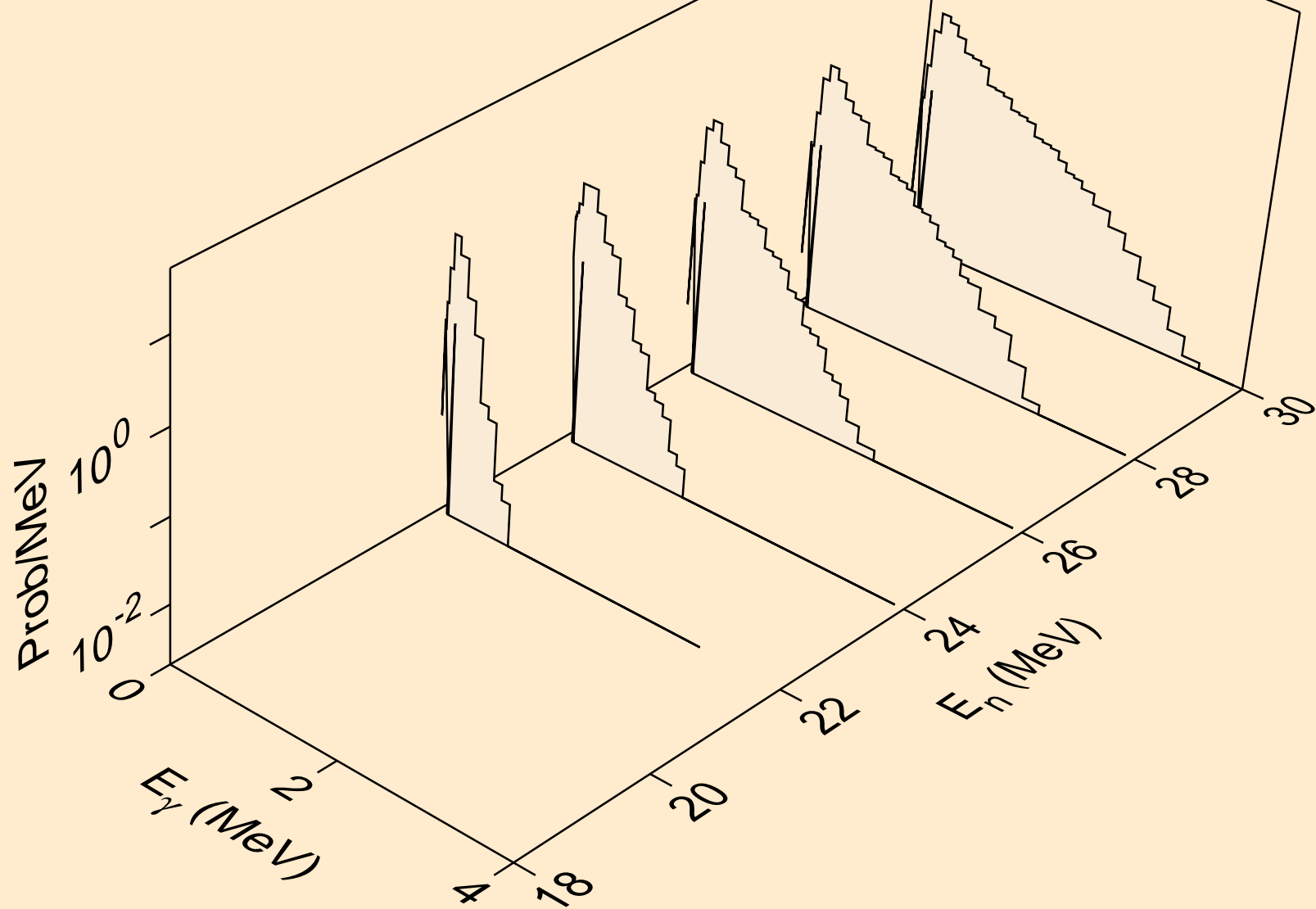
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



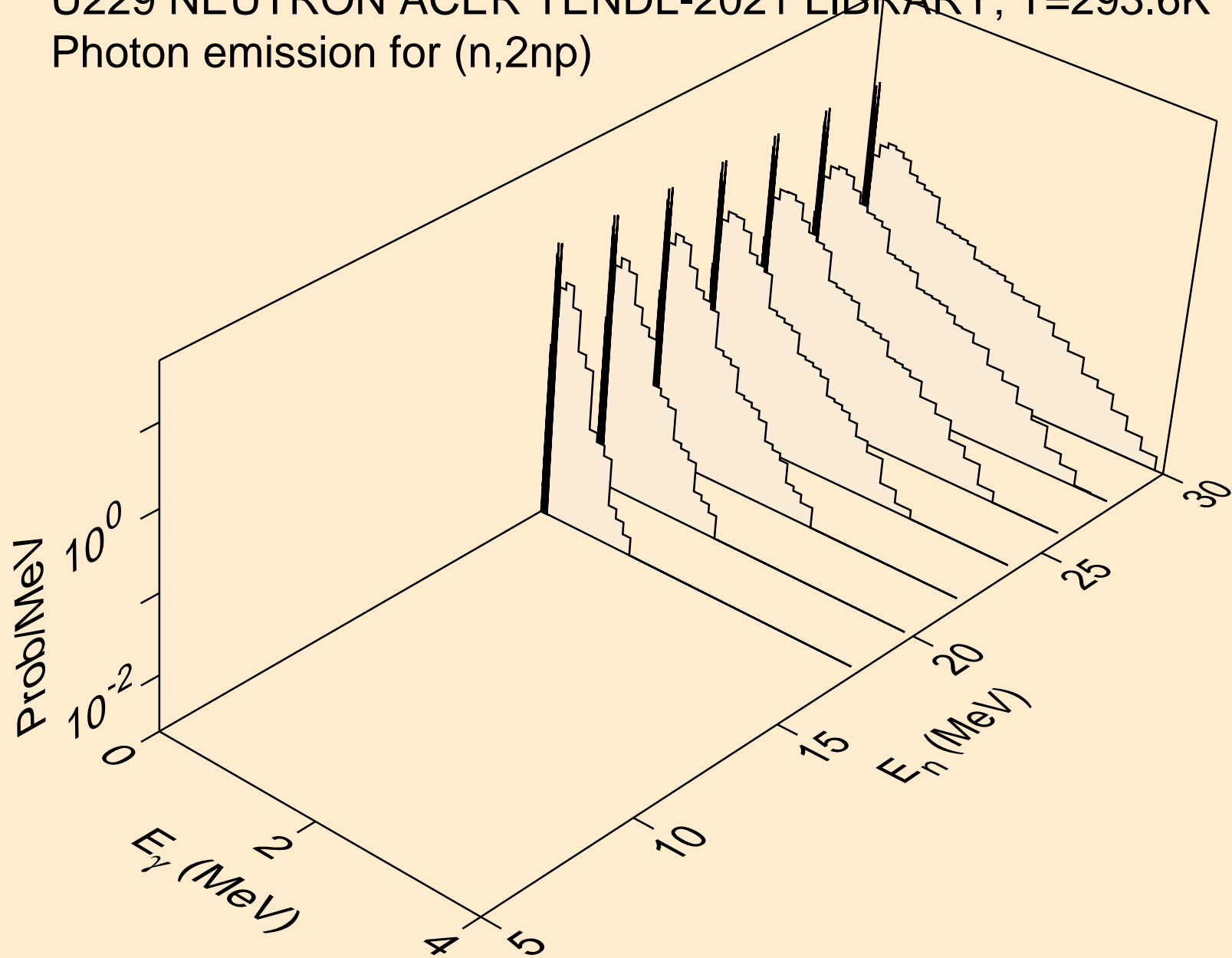
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



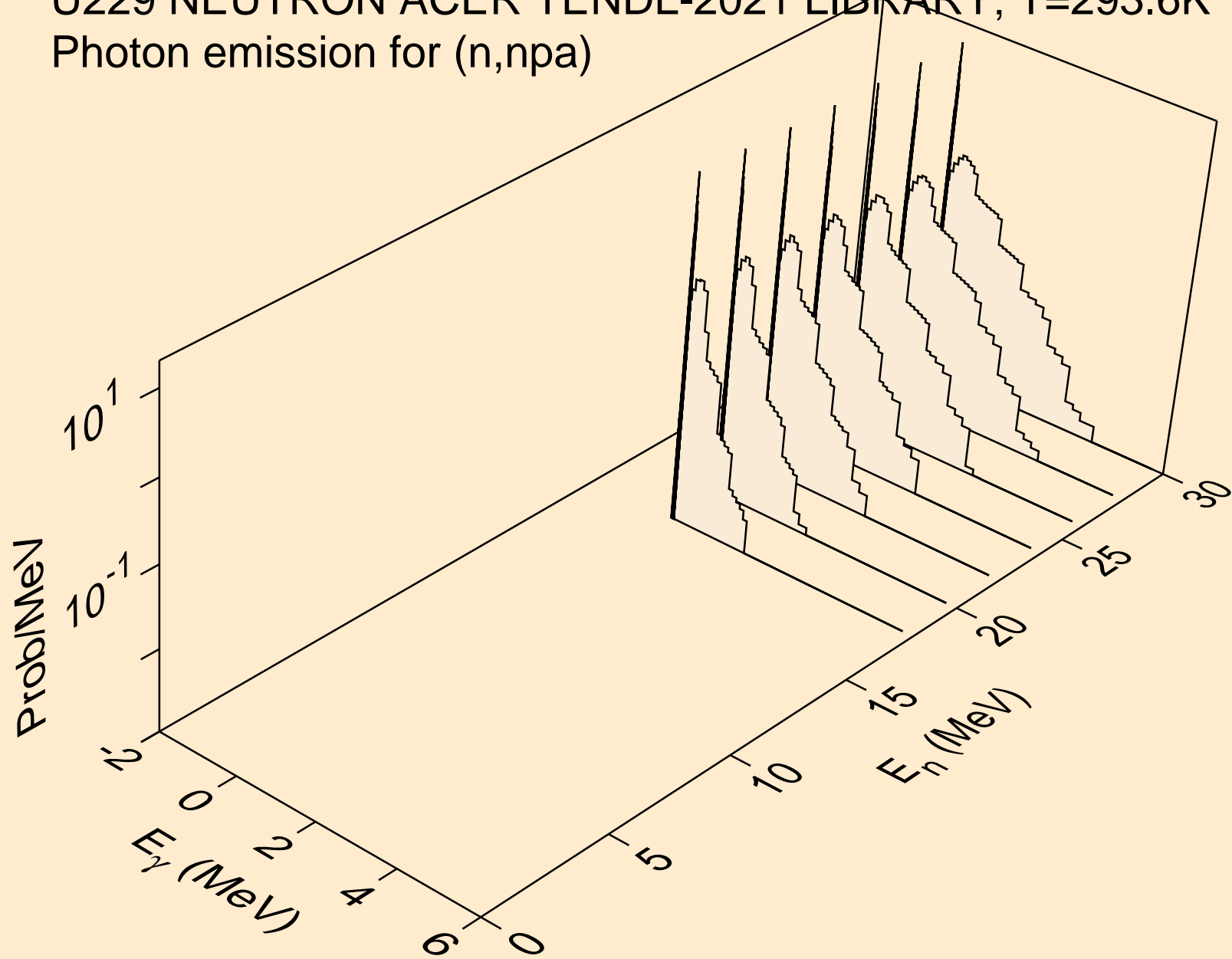
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



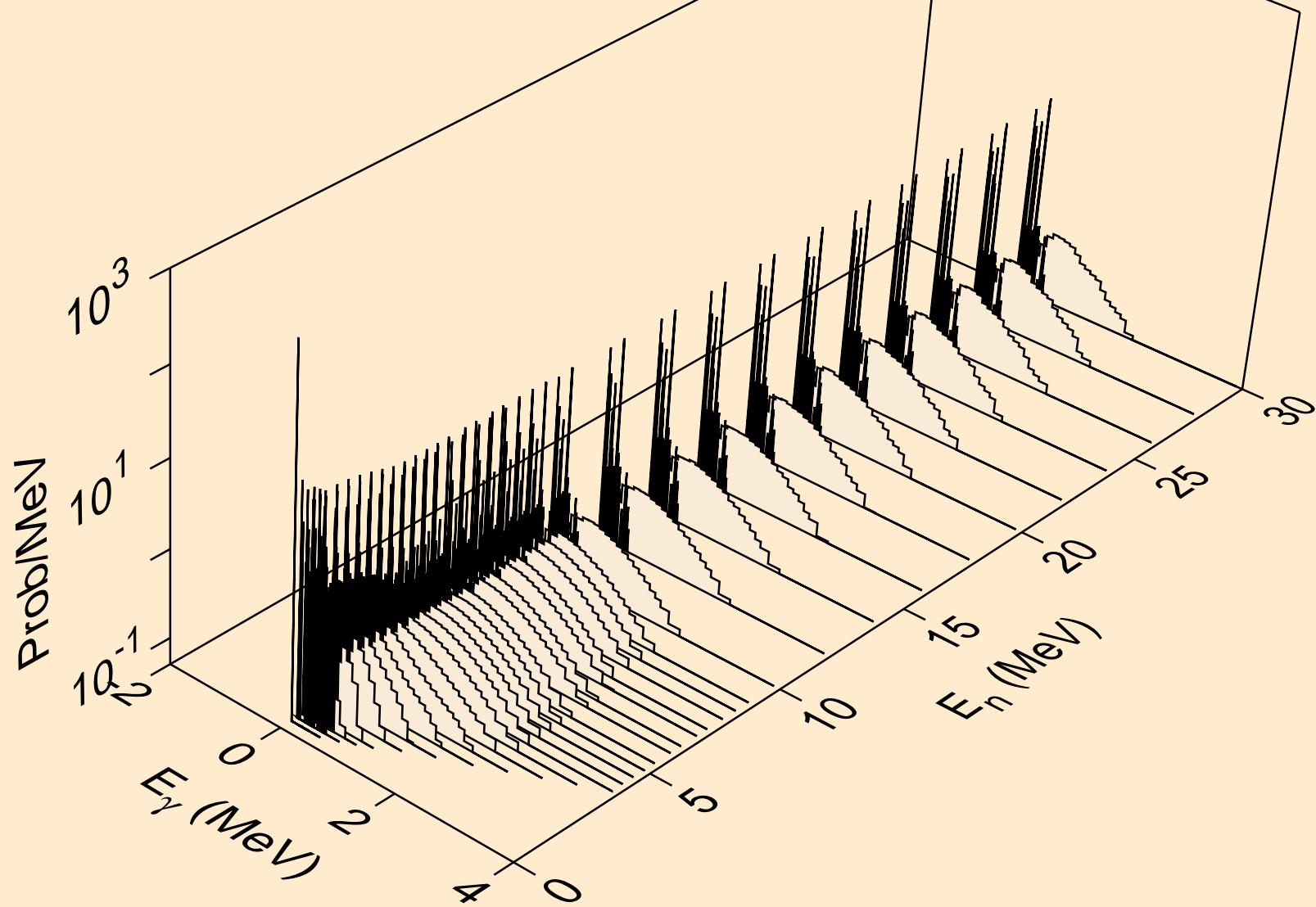
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



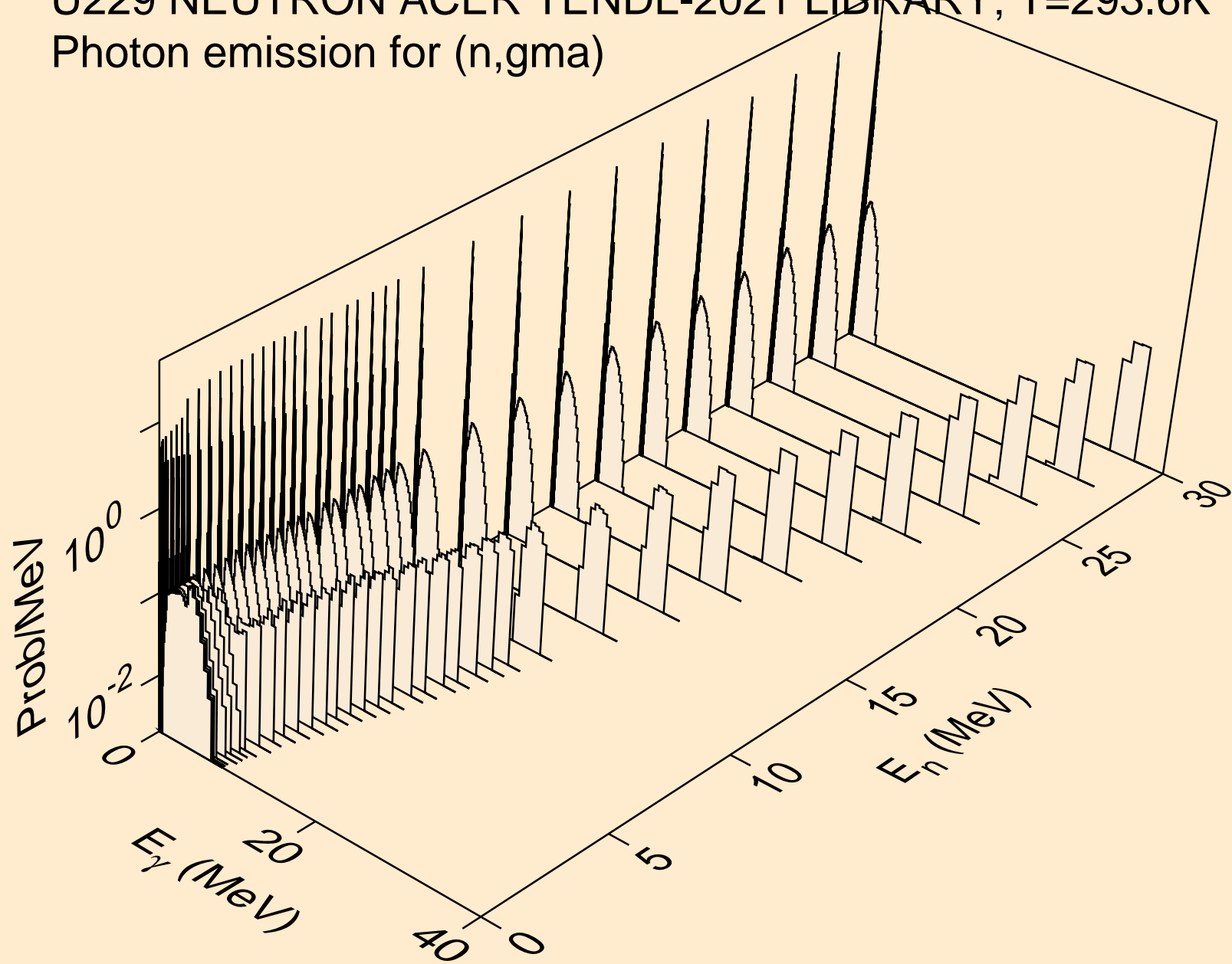
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

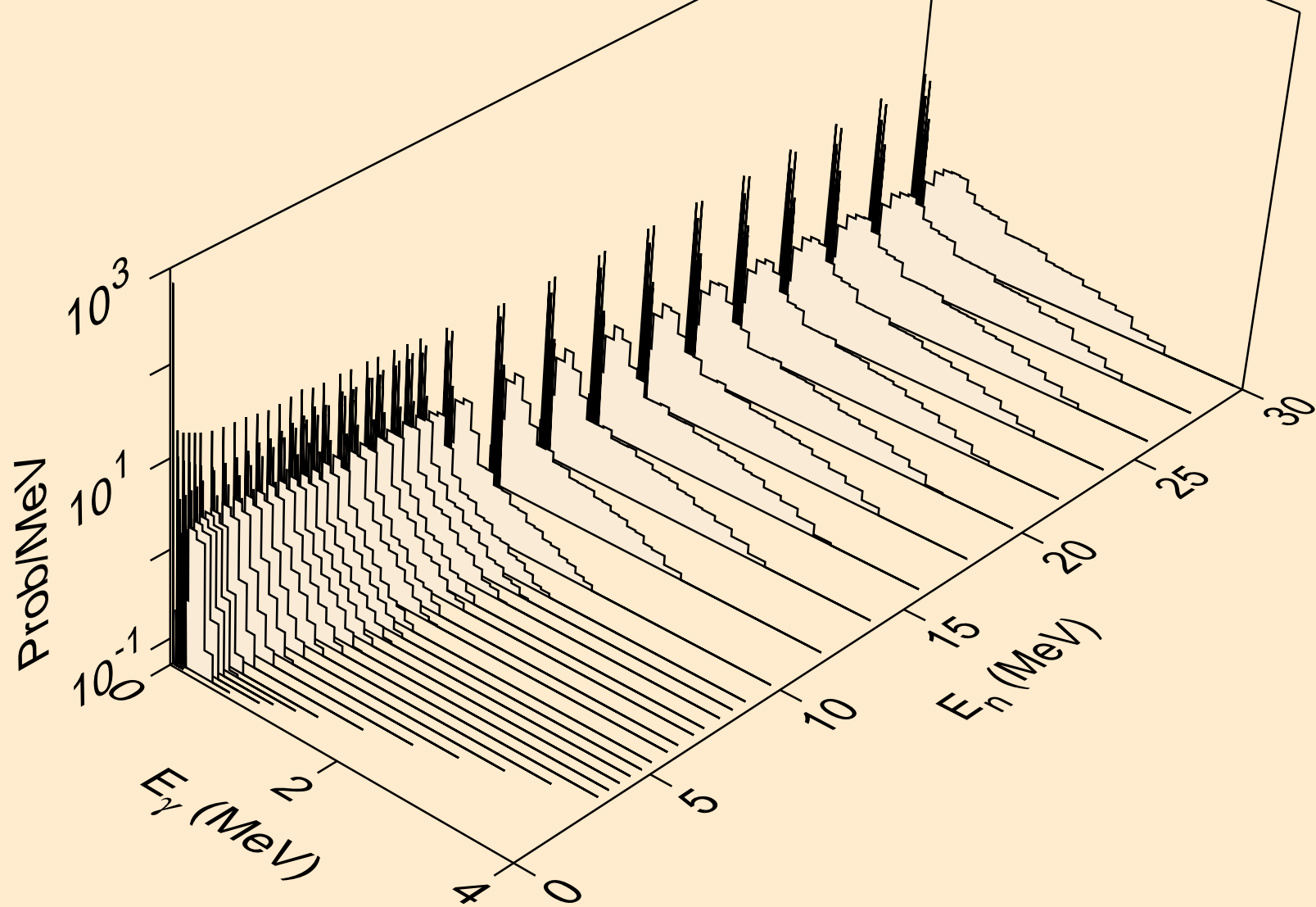


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

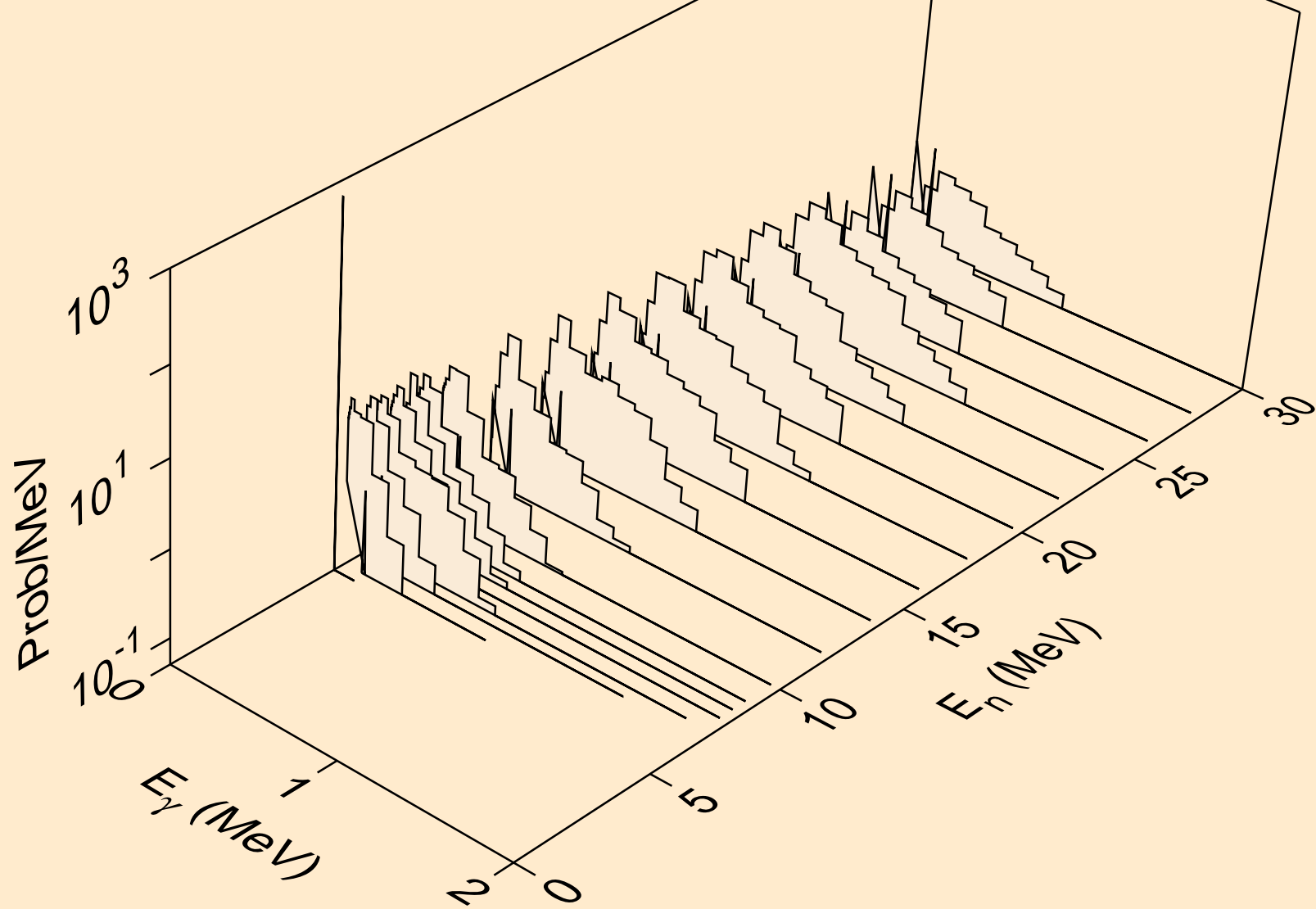




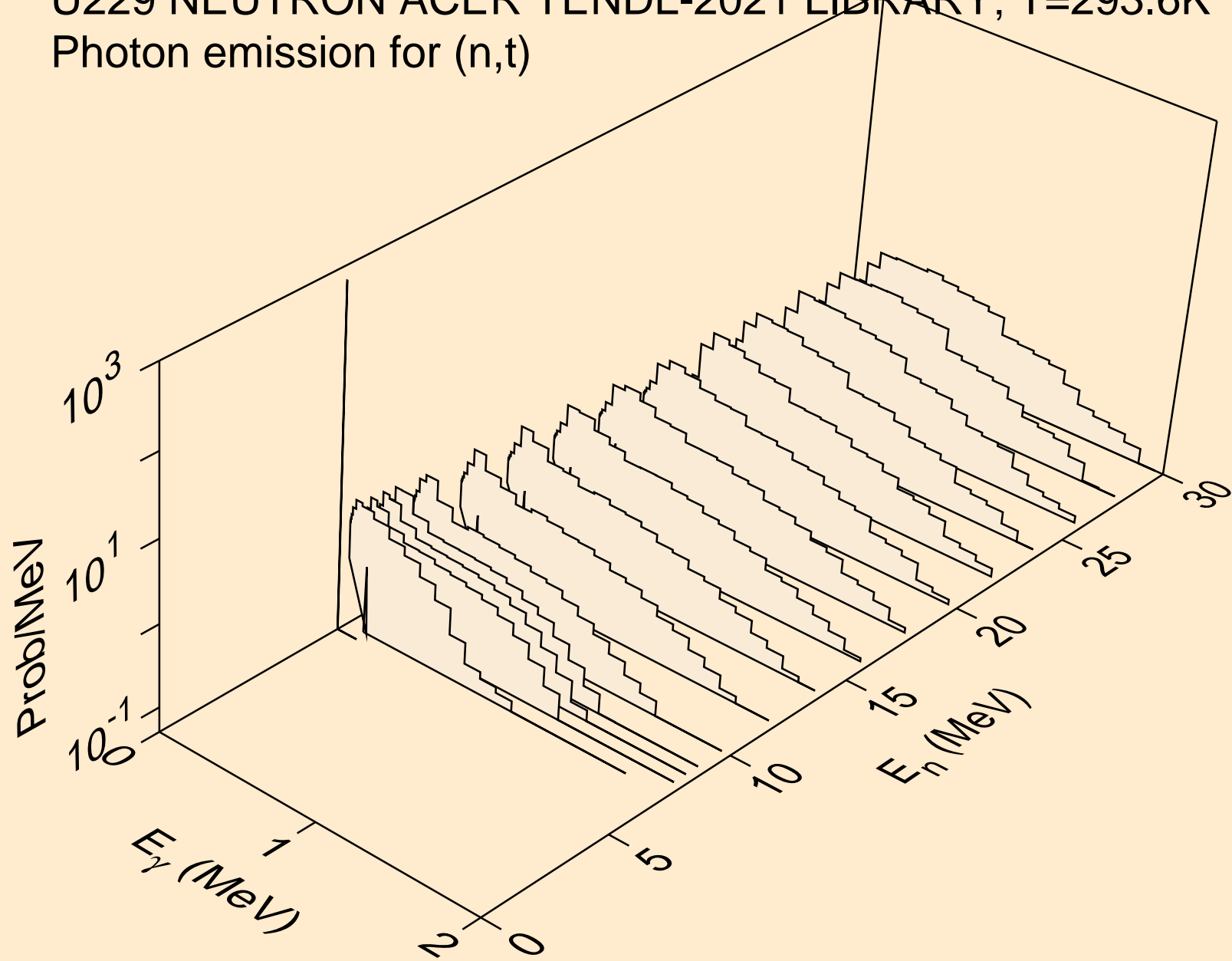
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Photon emission for (n,p)



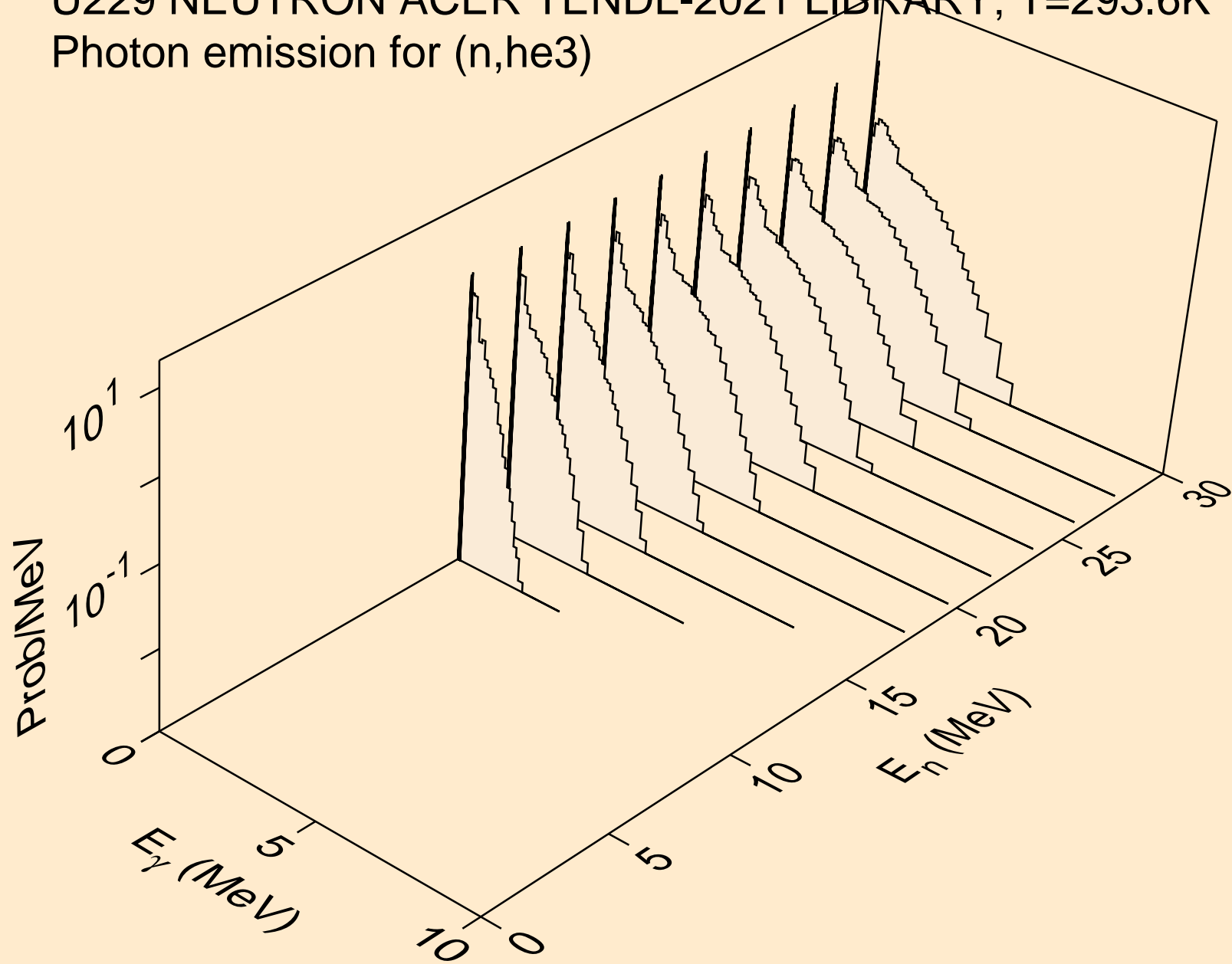
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



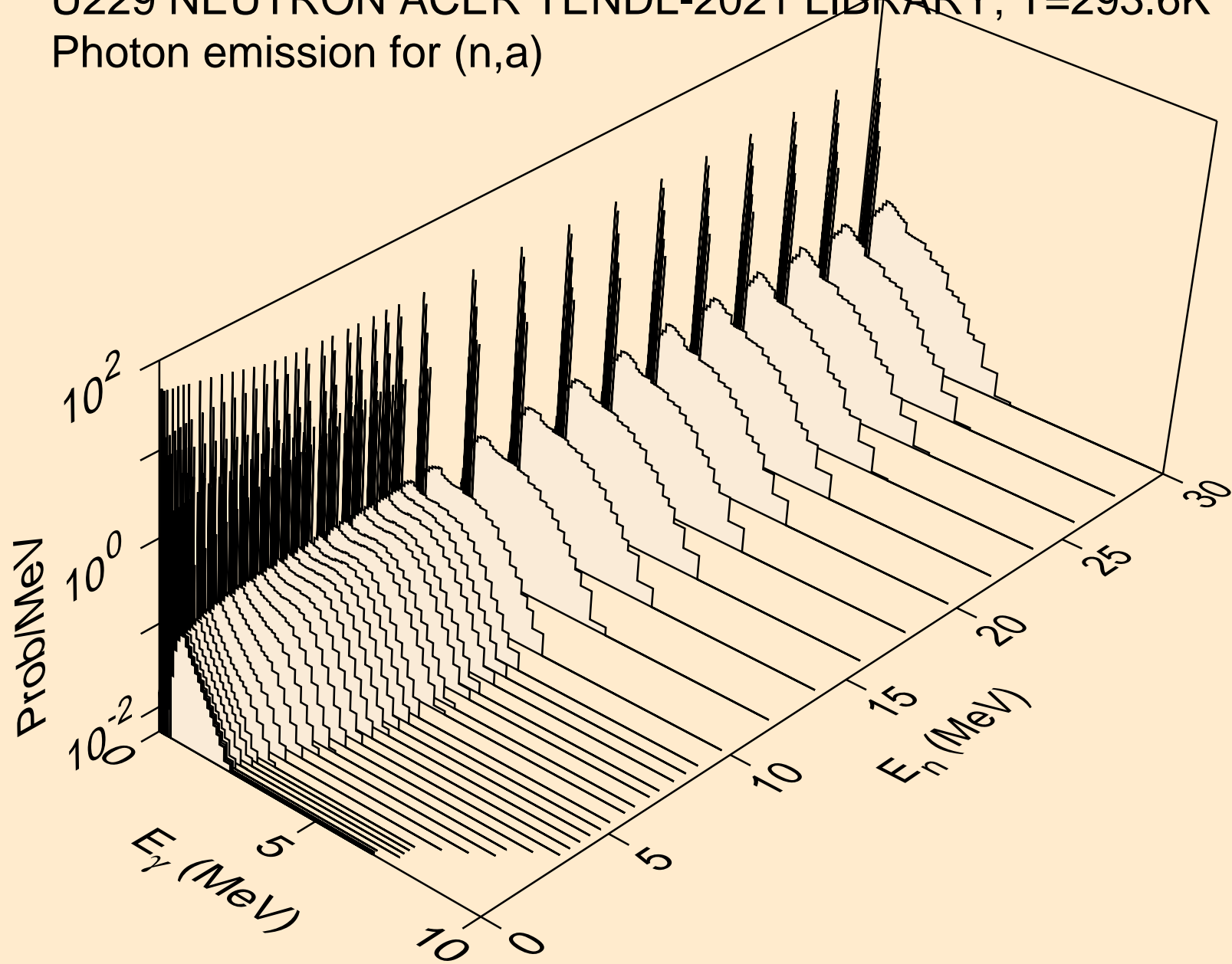
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



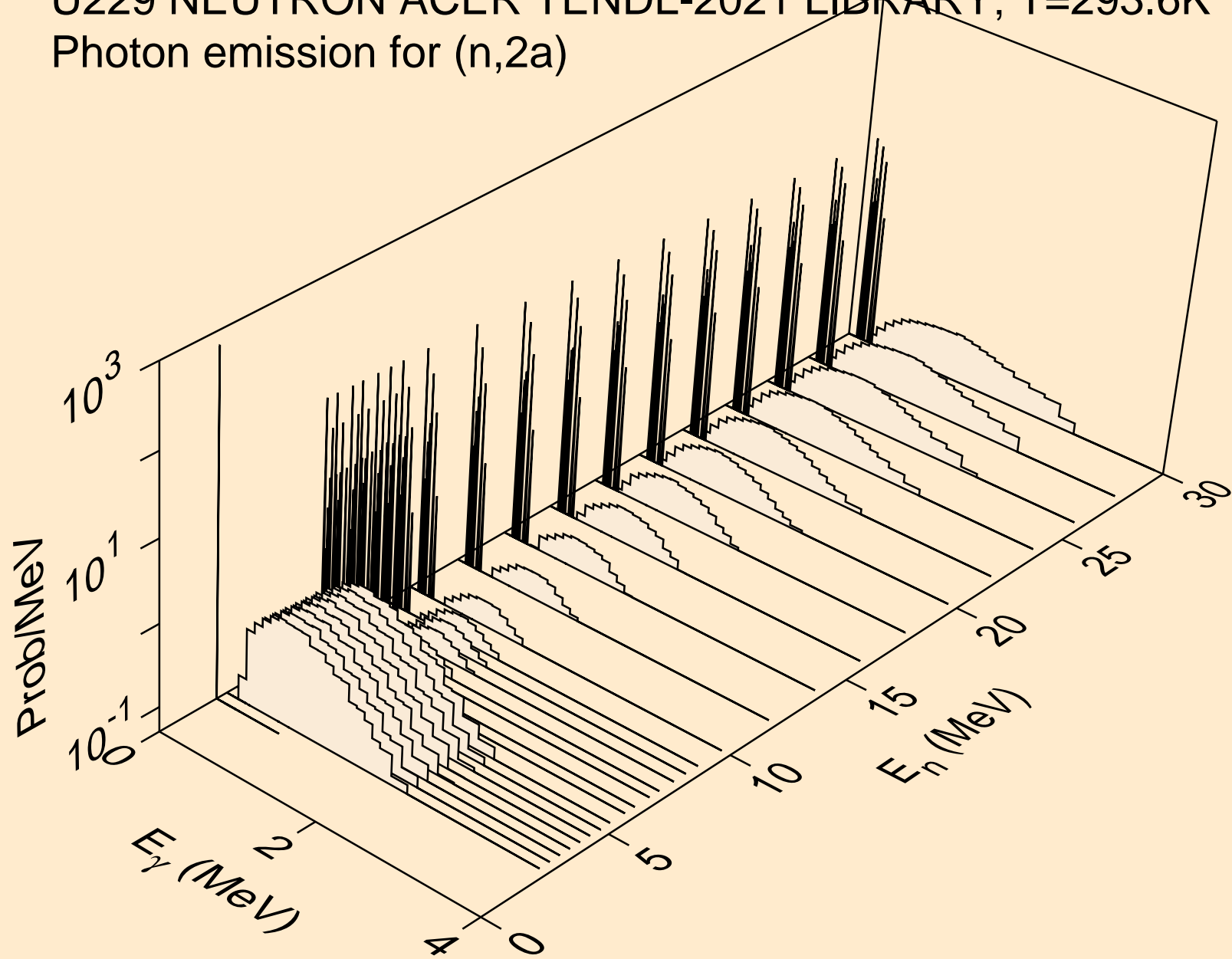
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



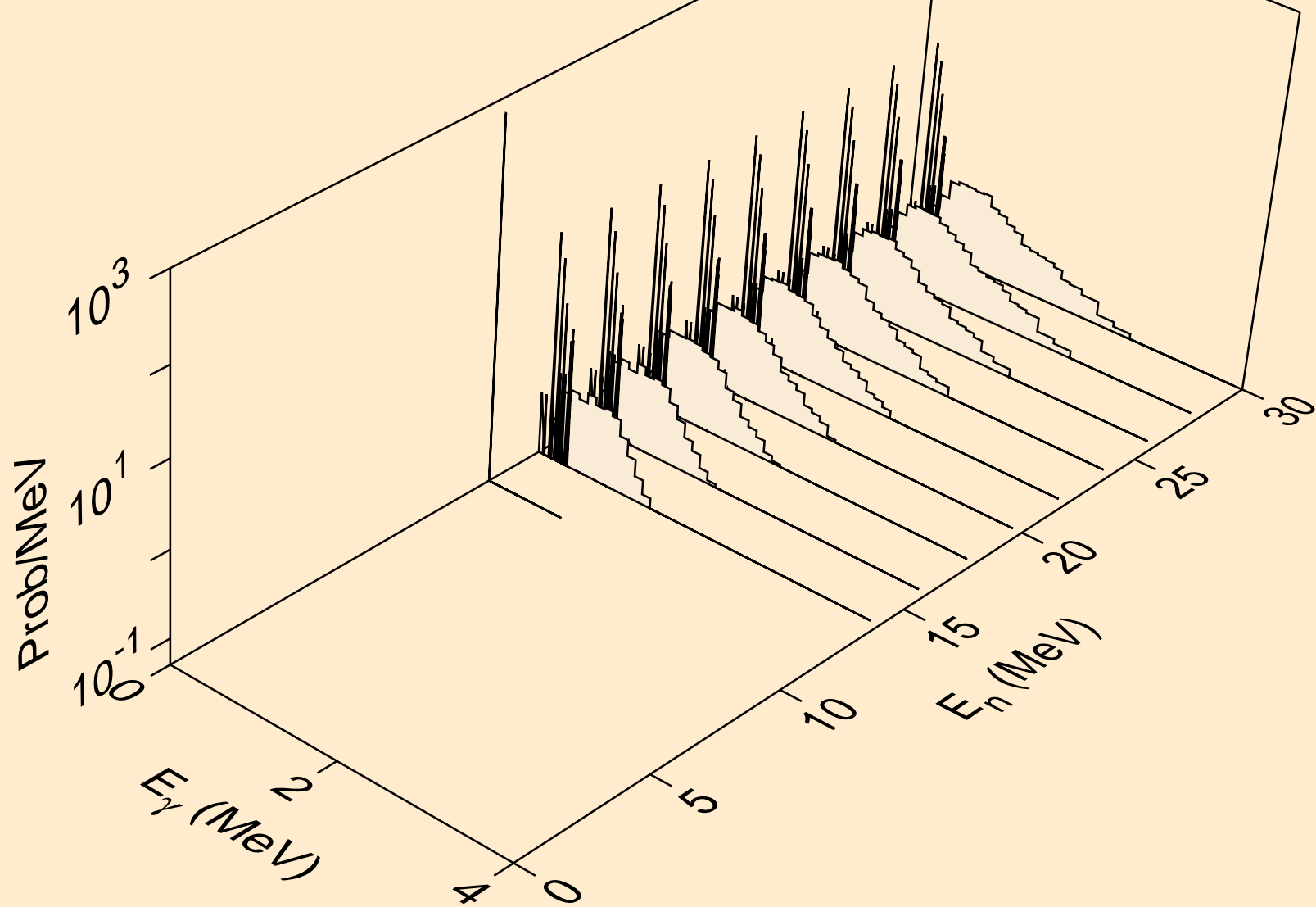
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



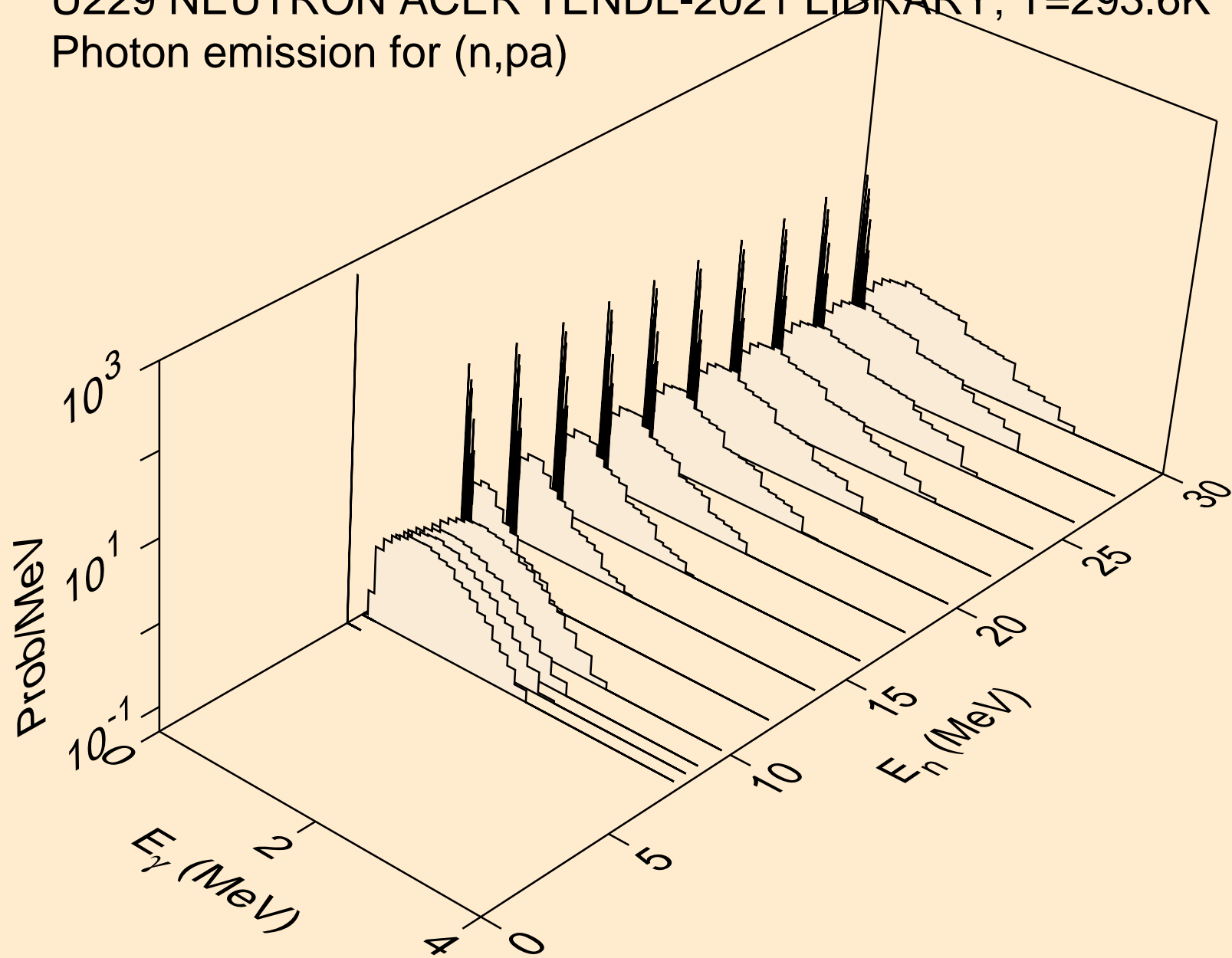
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

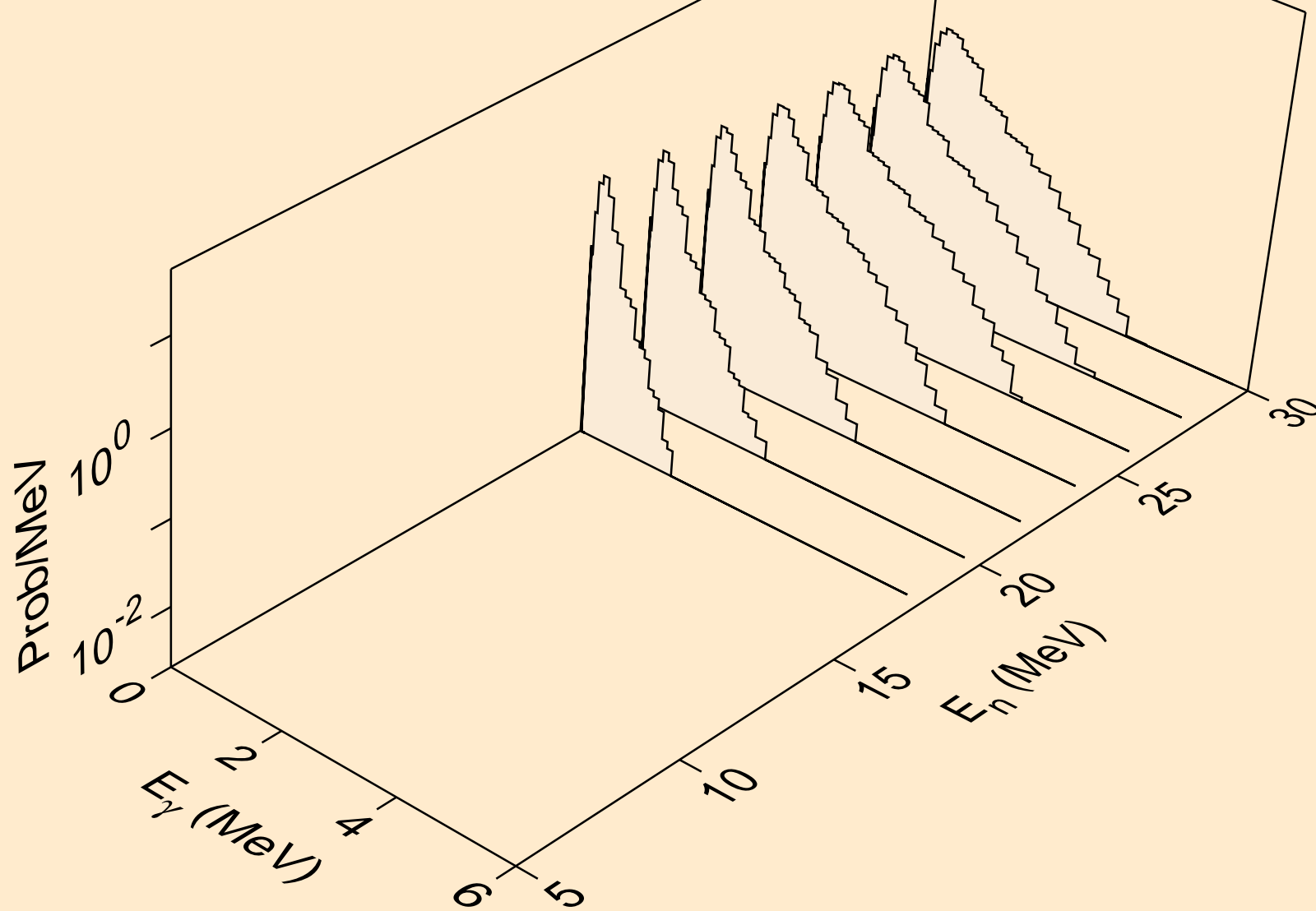


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

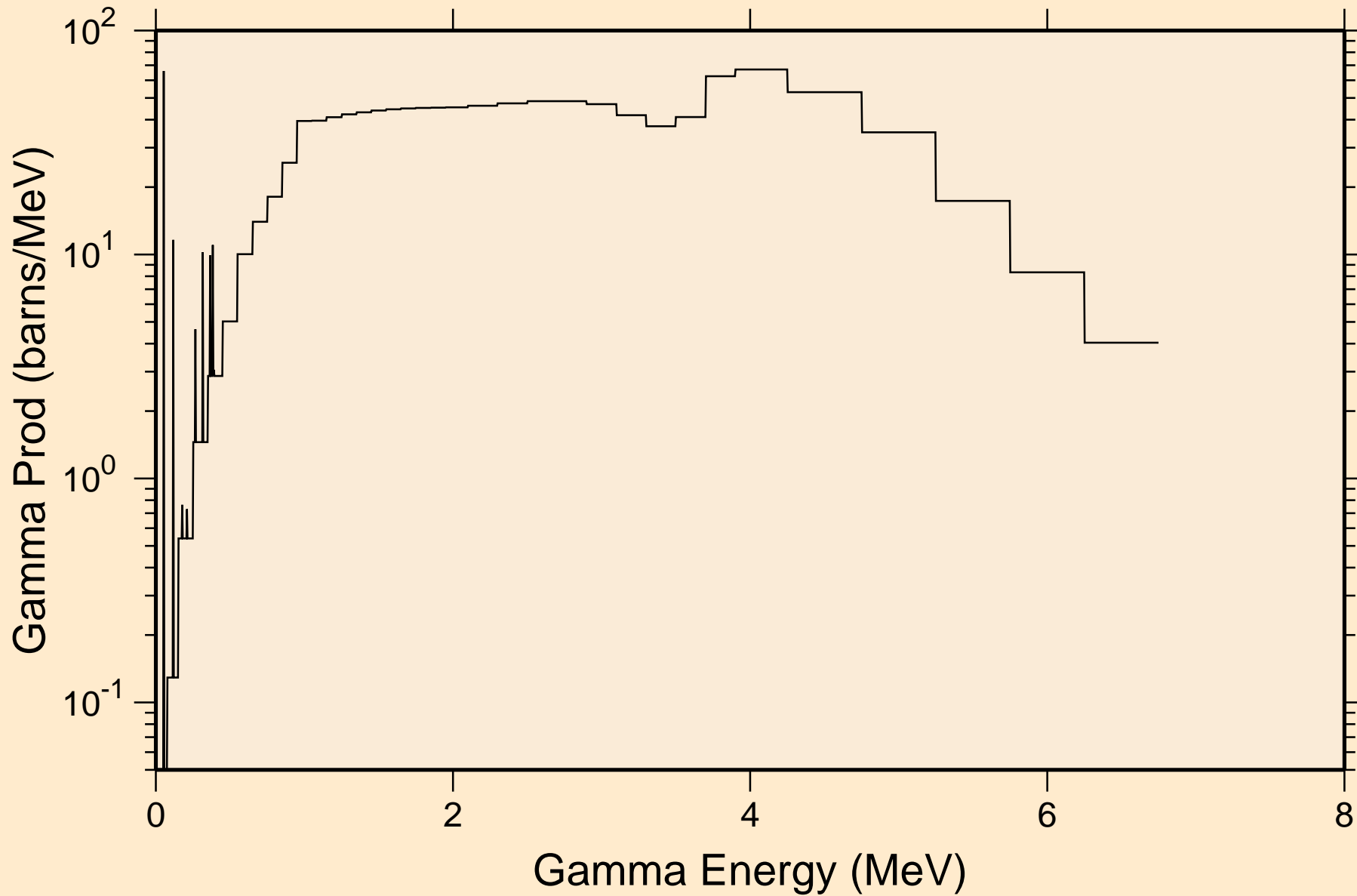




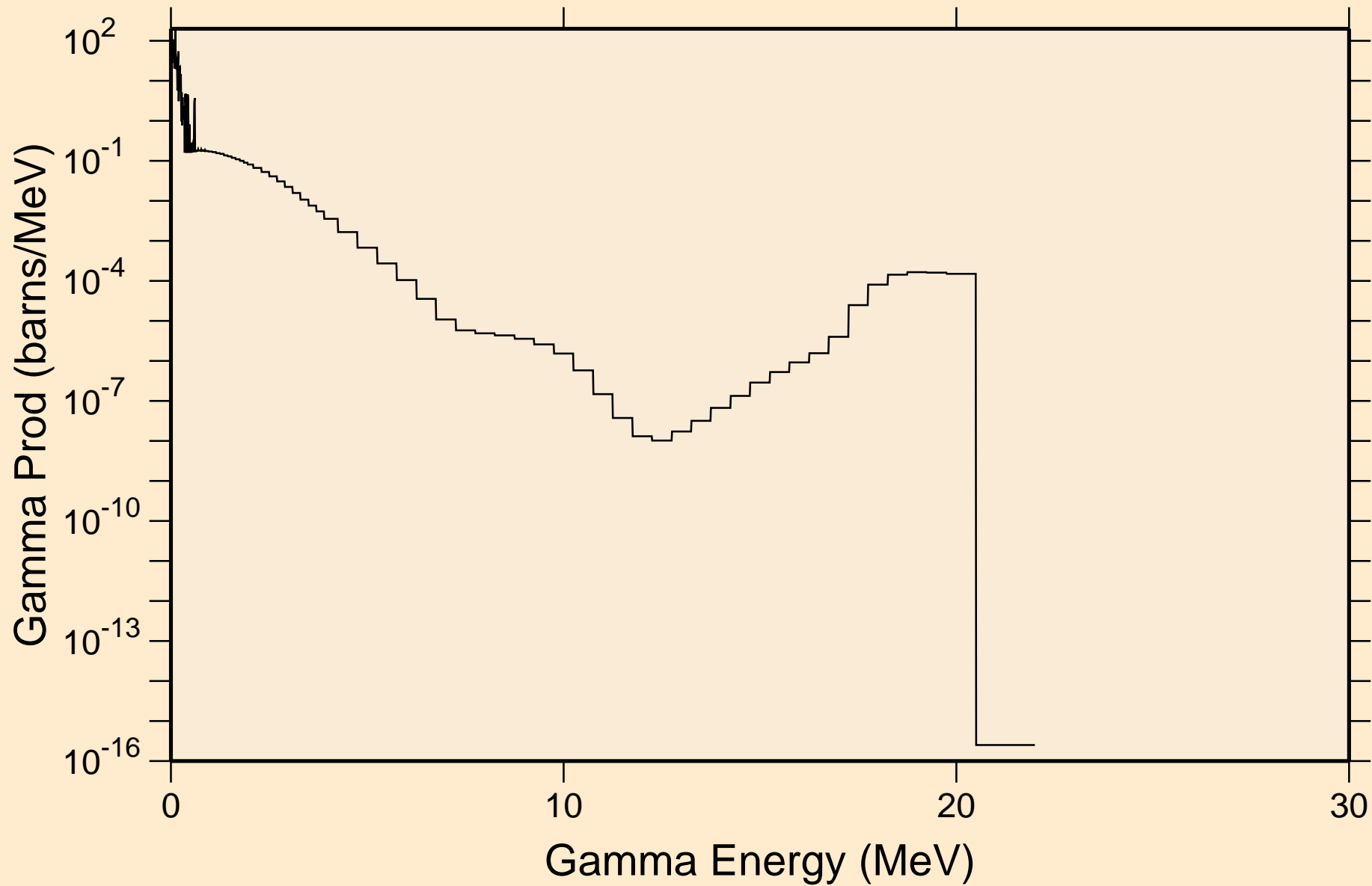
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

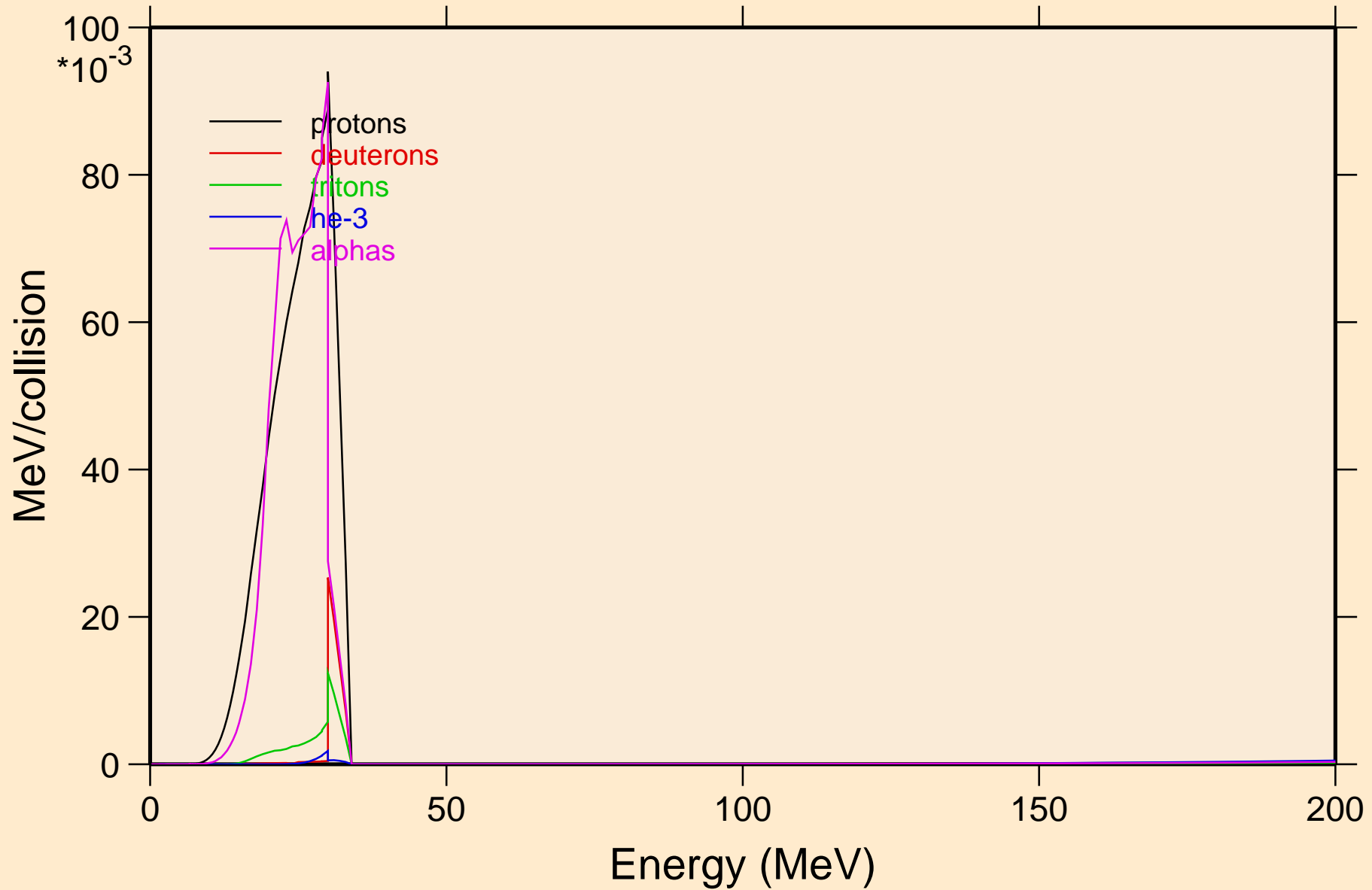


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

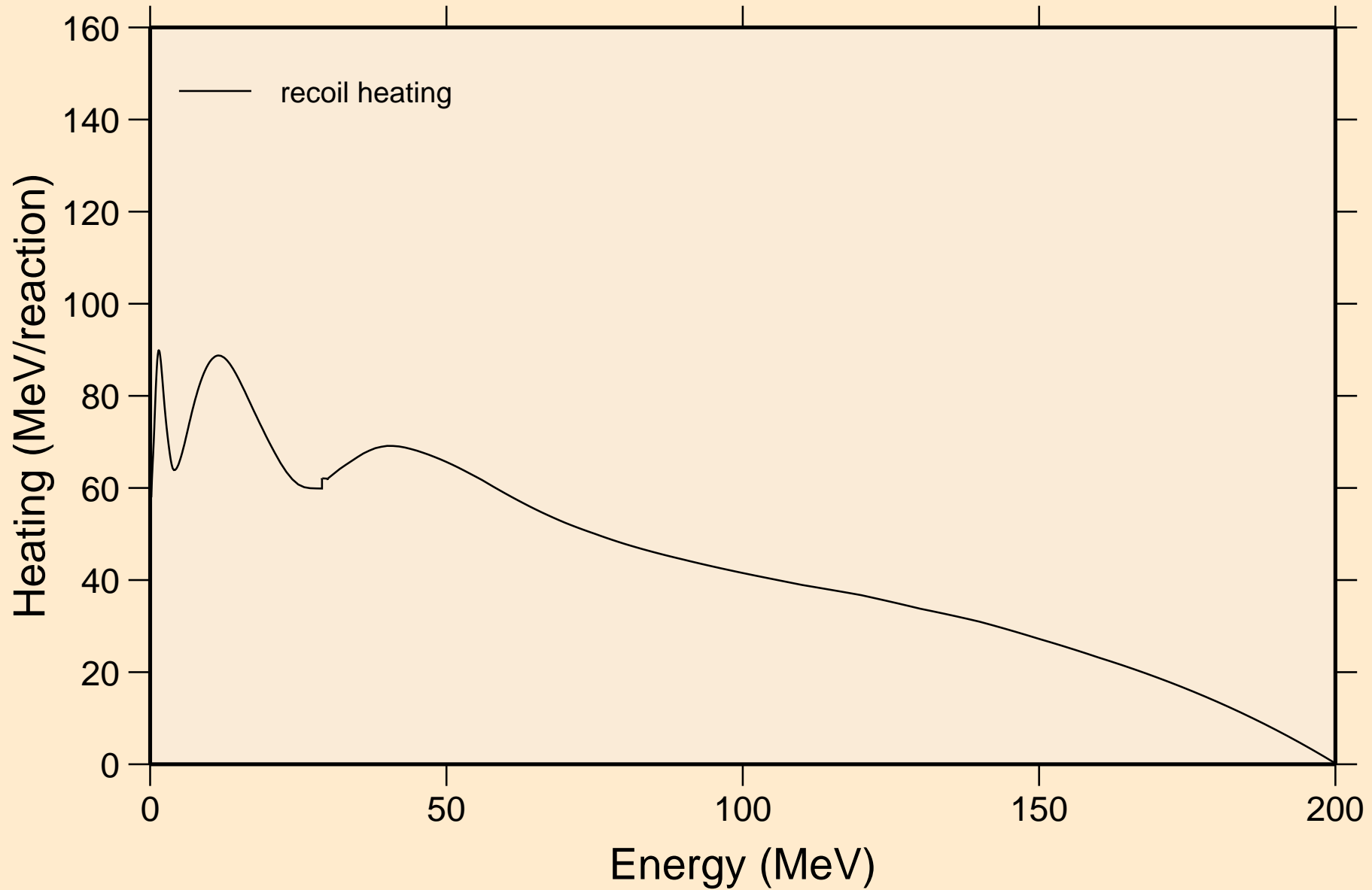


# U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

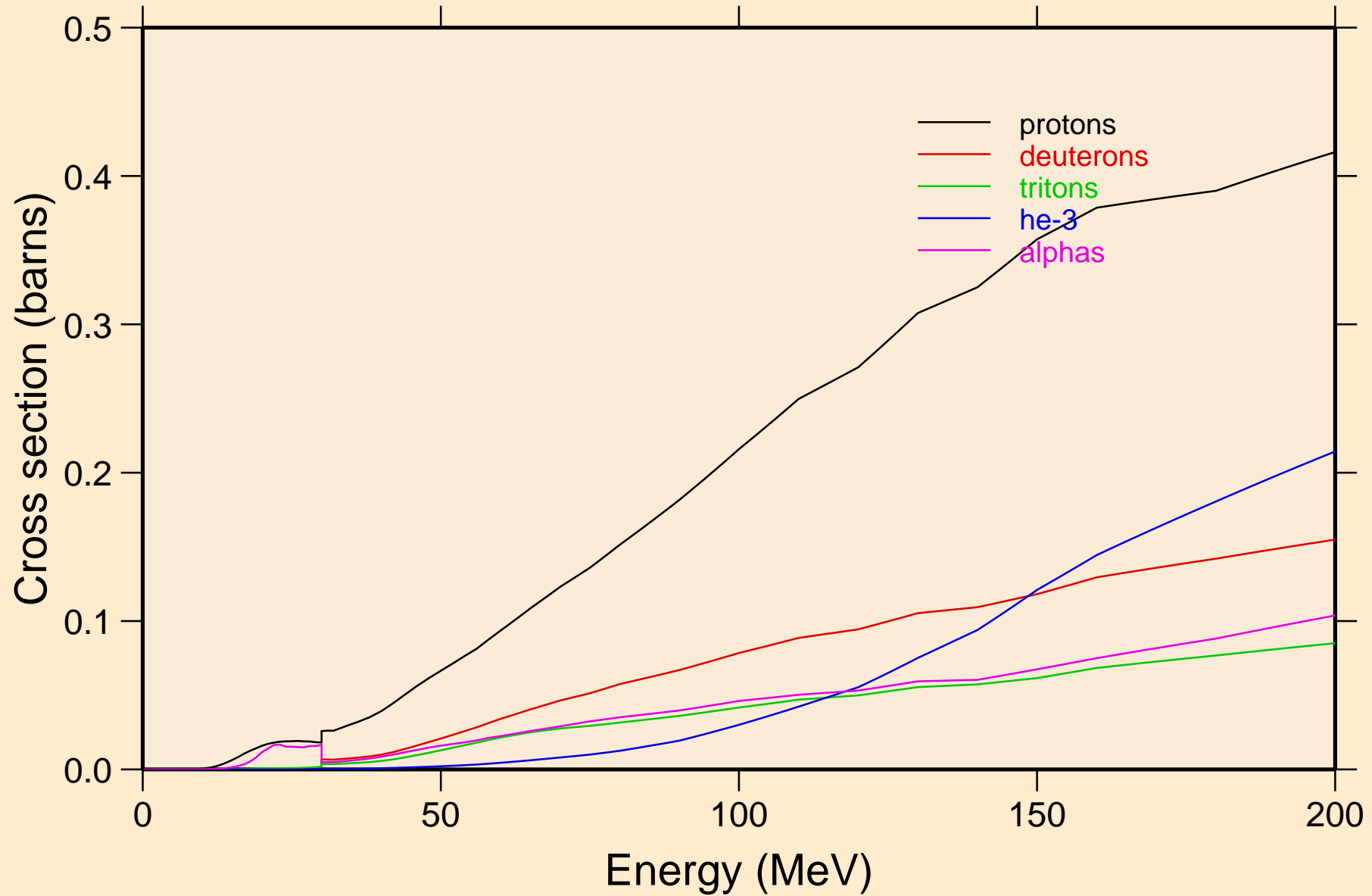


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

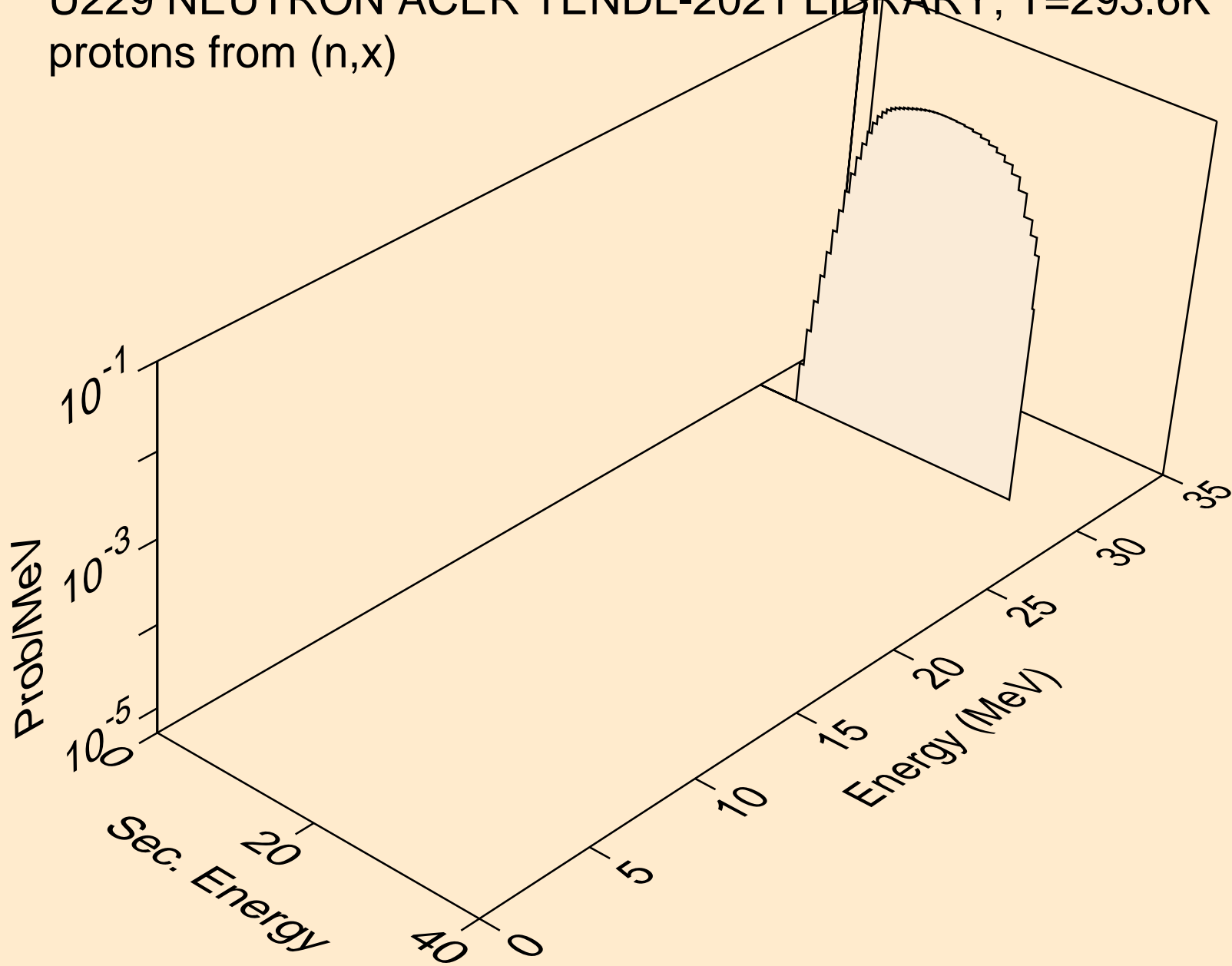


# U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

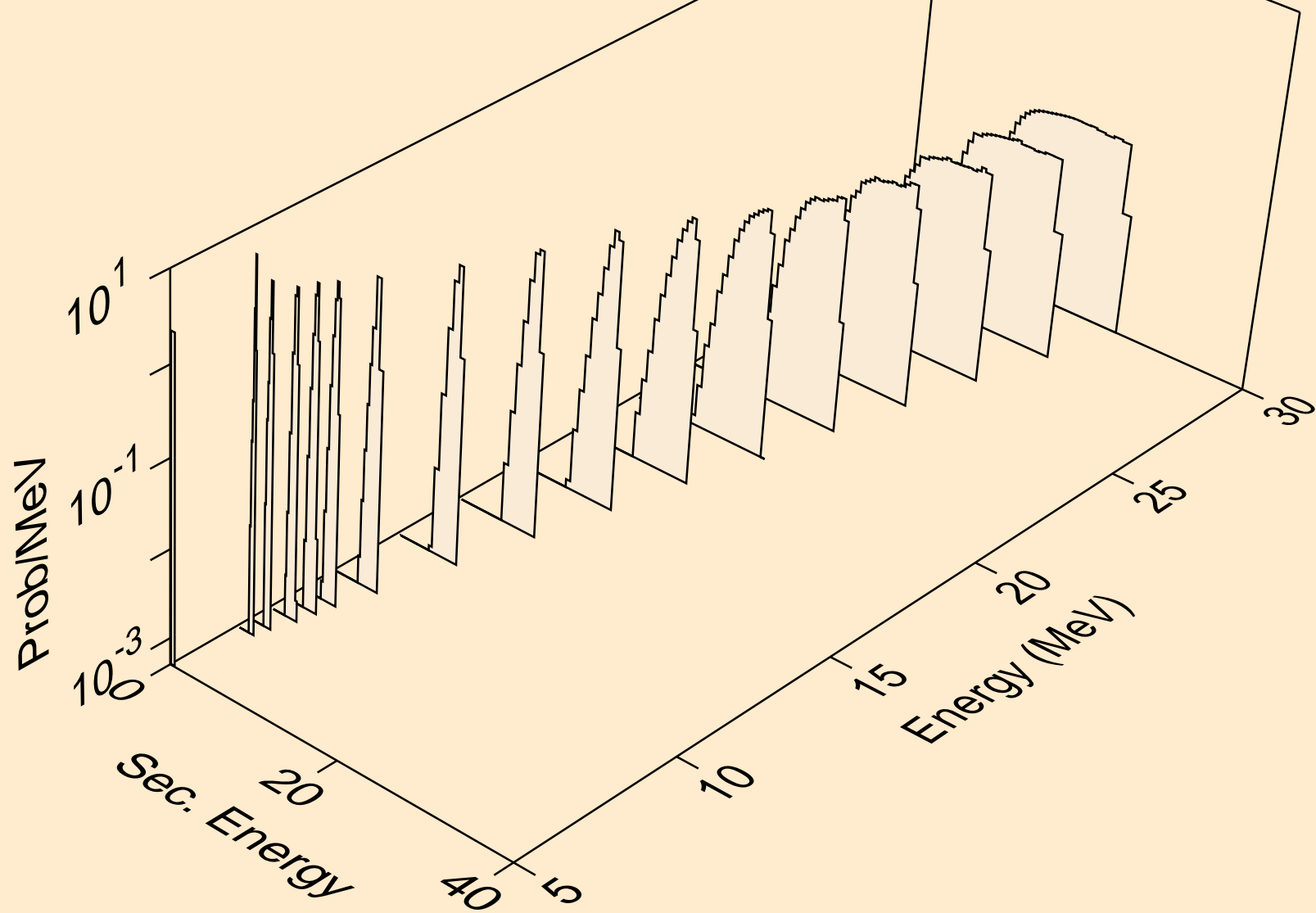
## Particle production cross sections



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

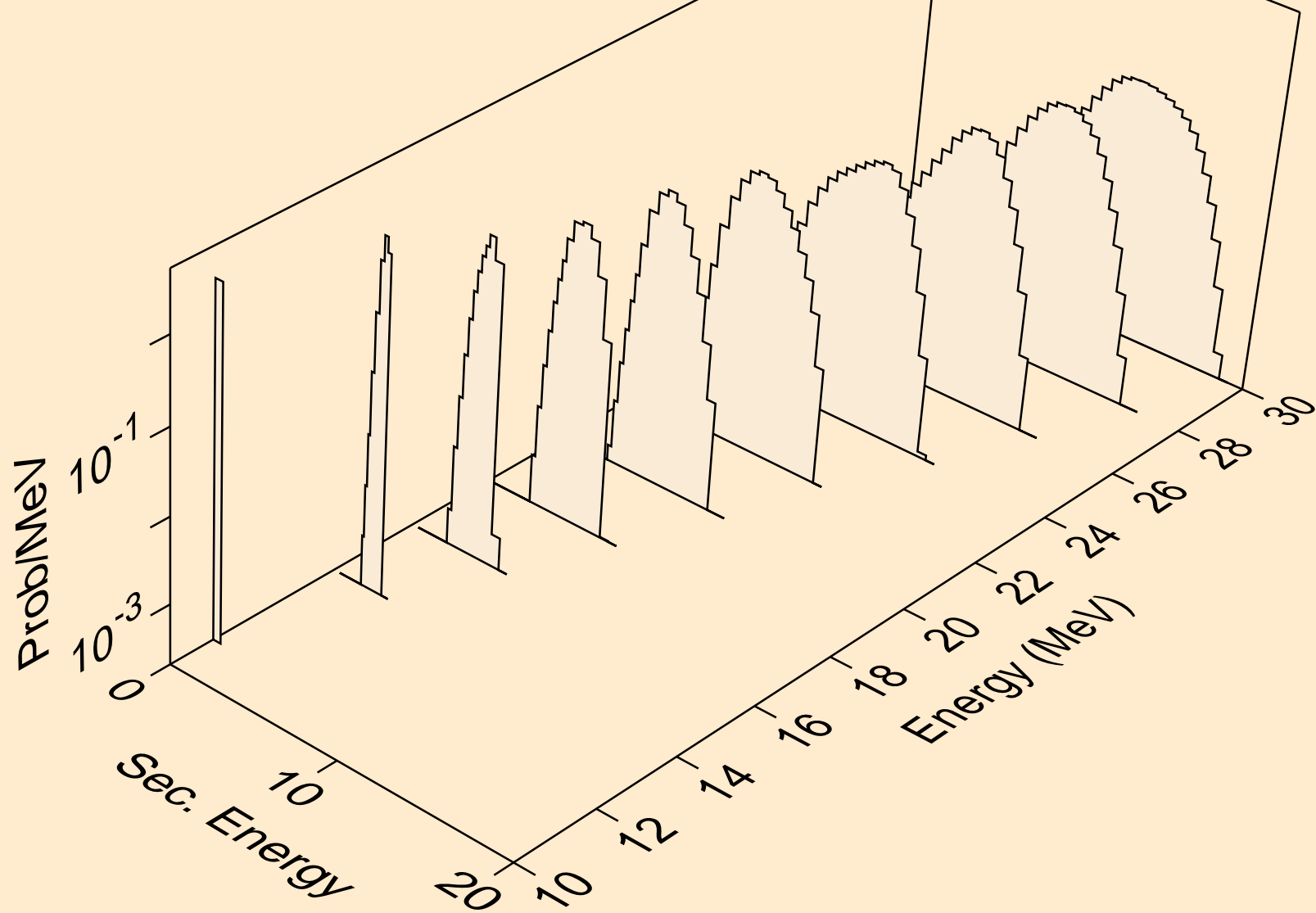


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

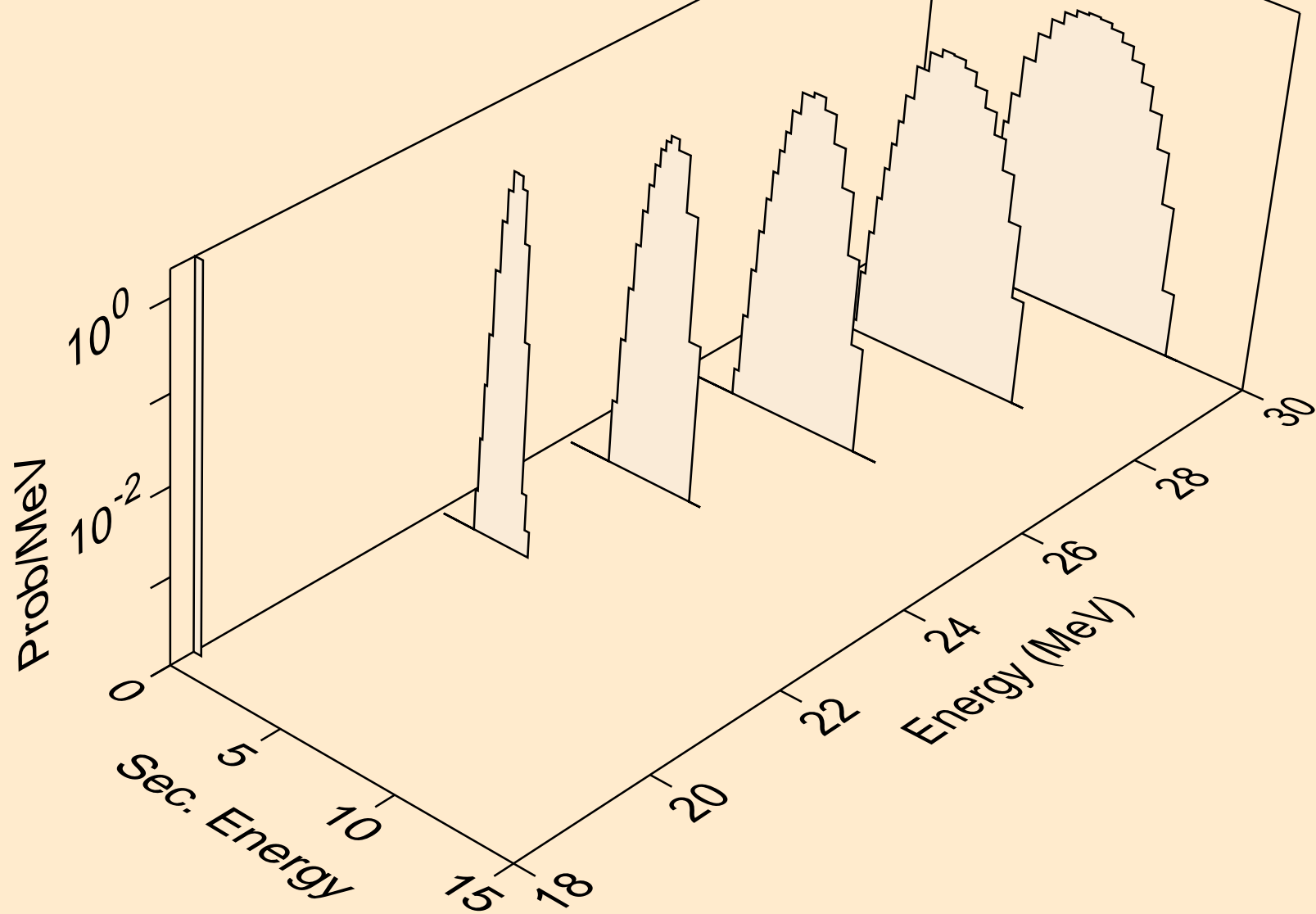




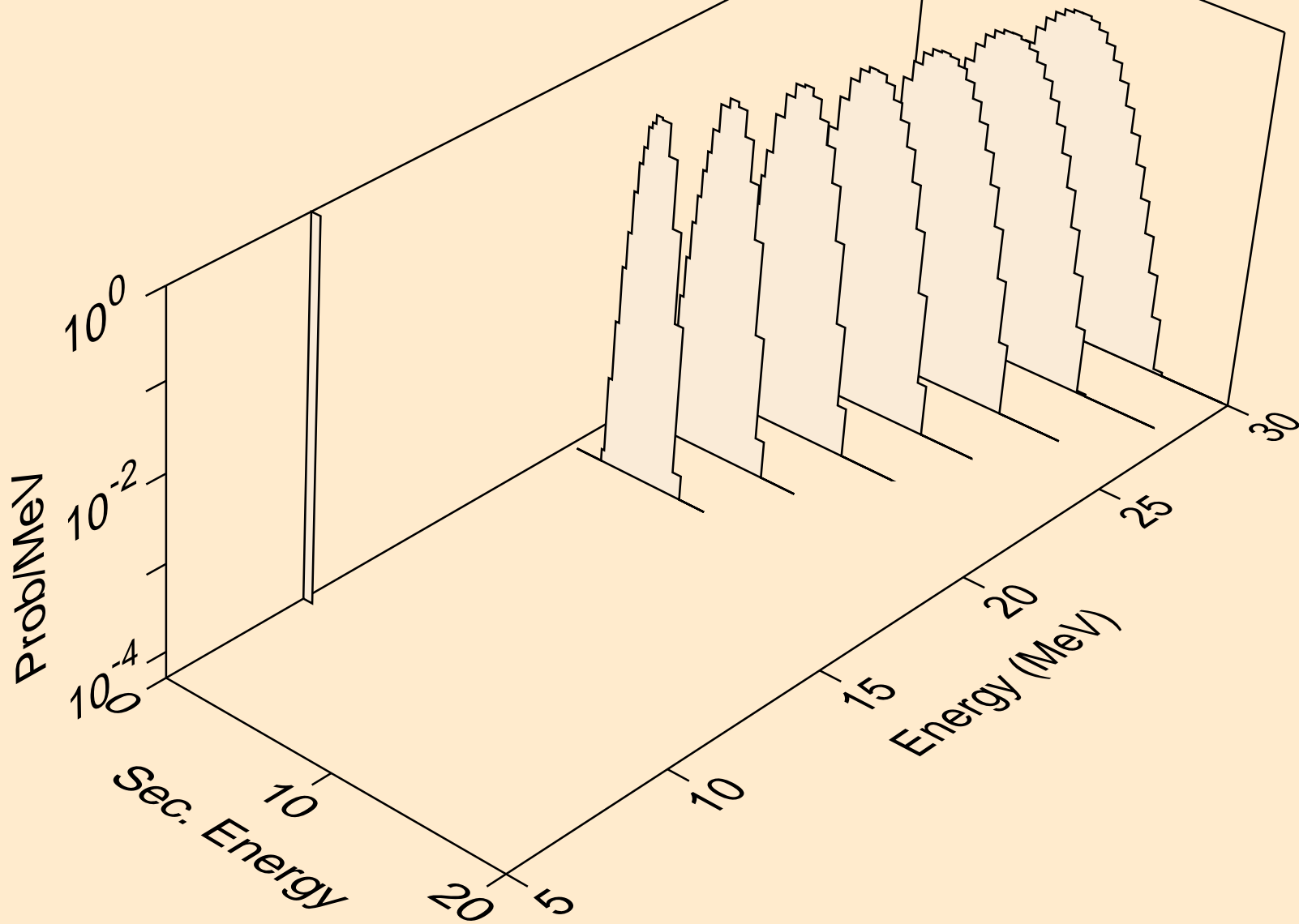
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



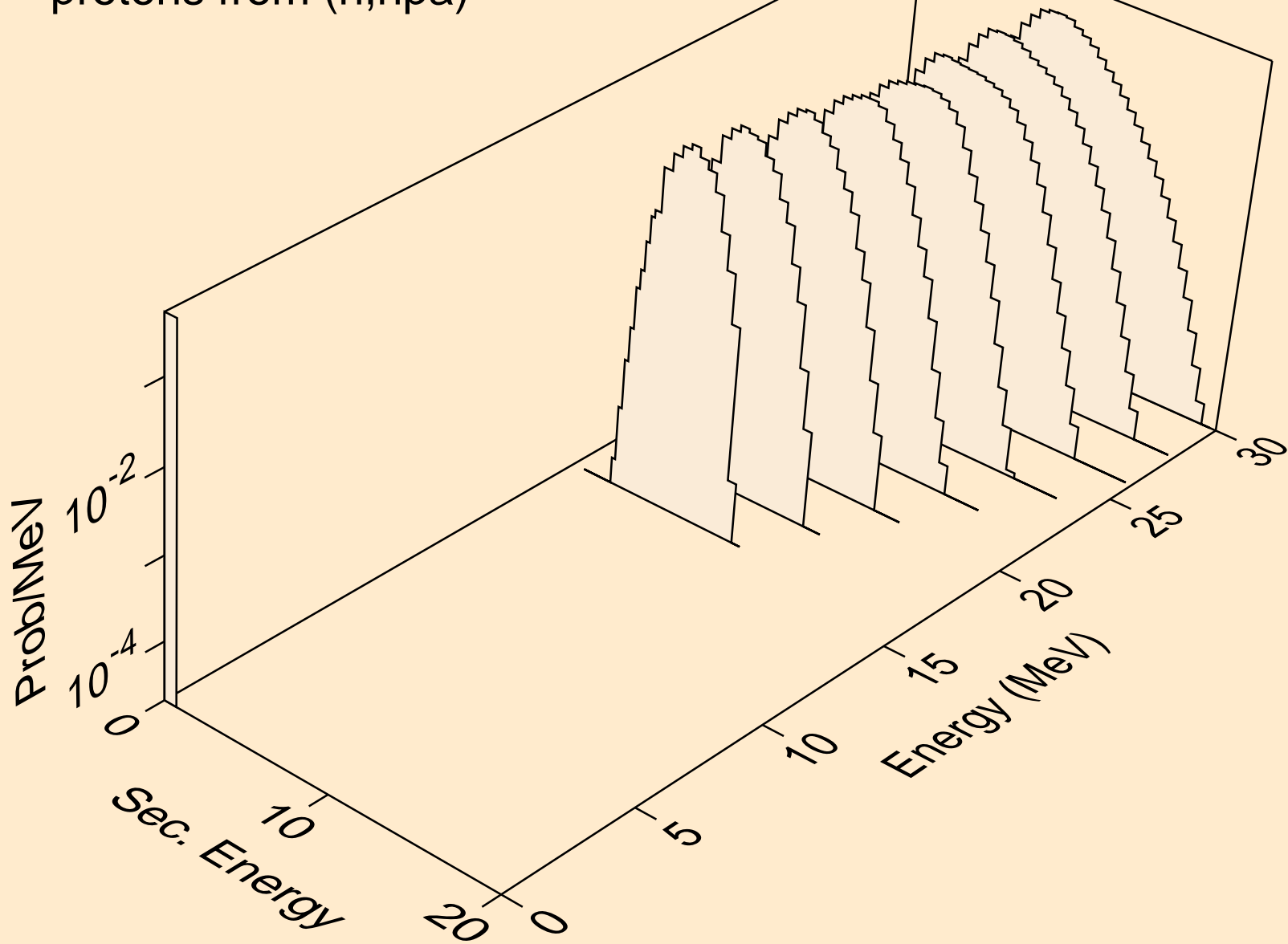
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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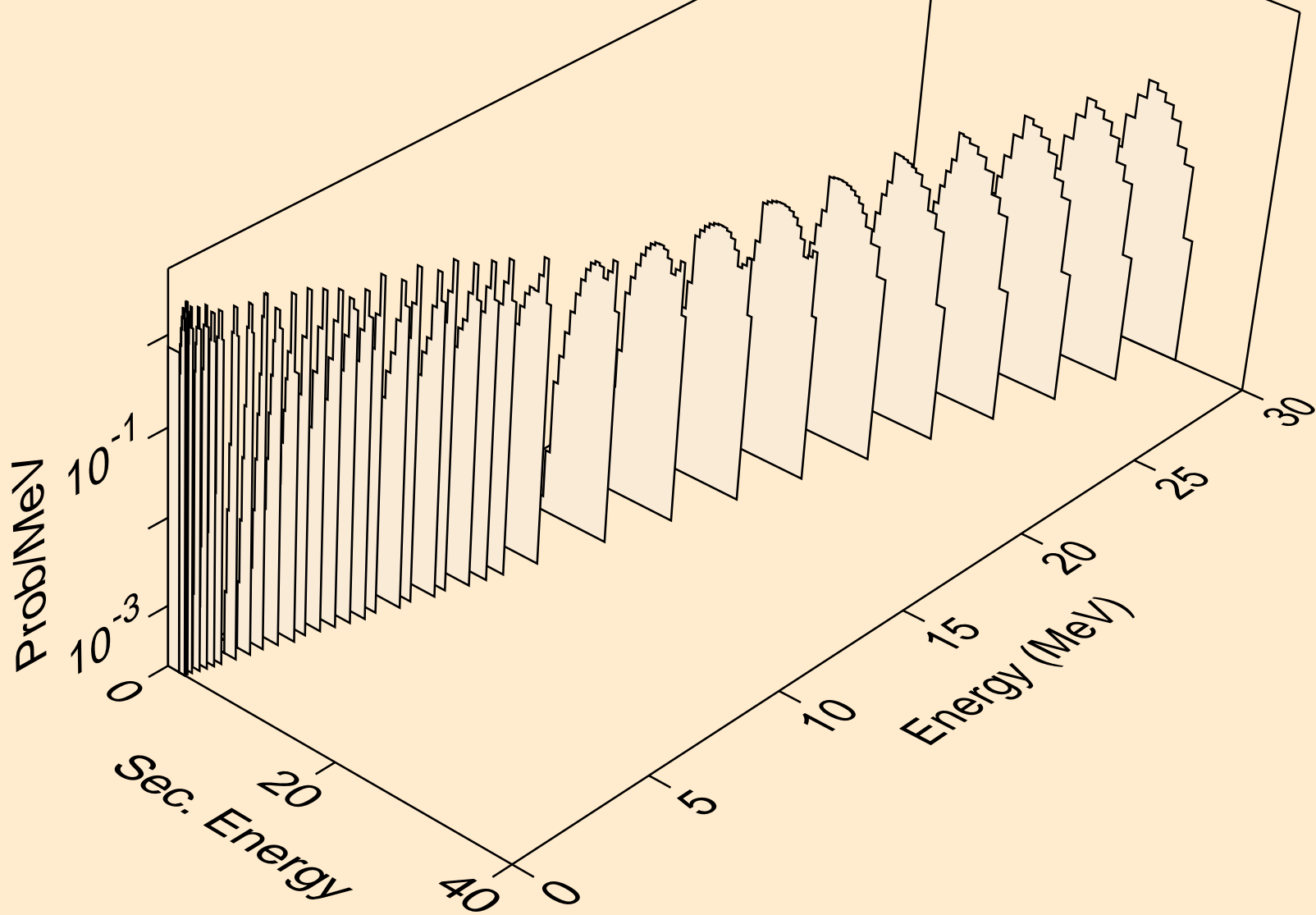
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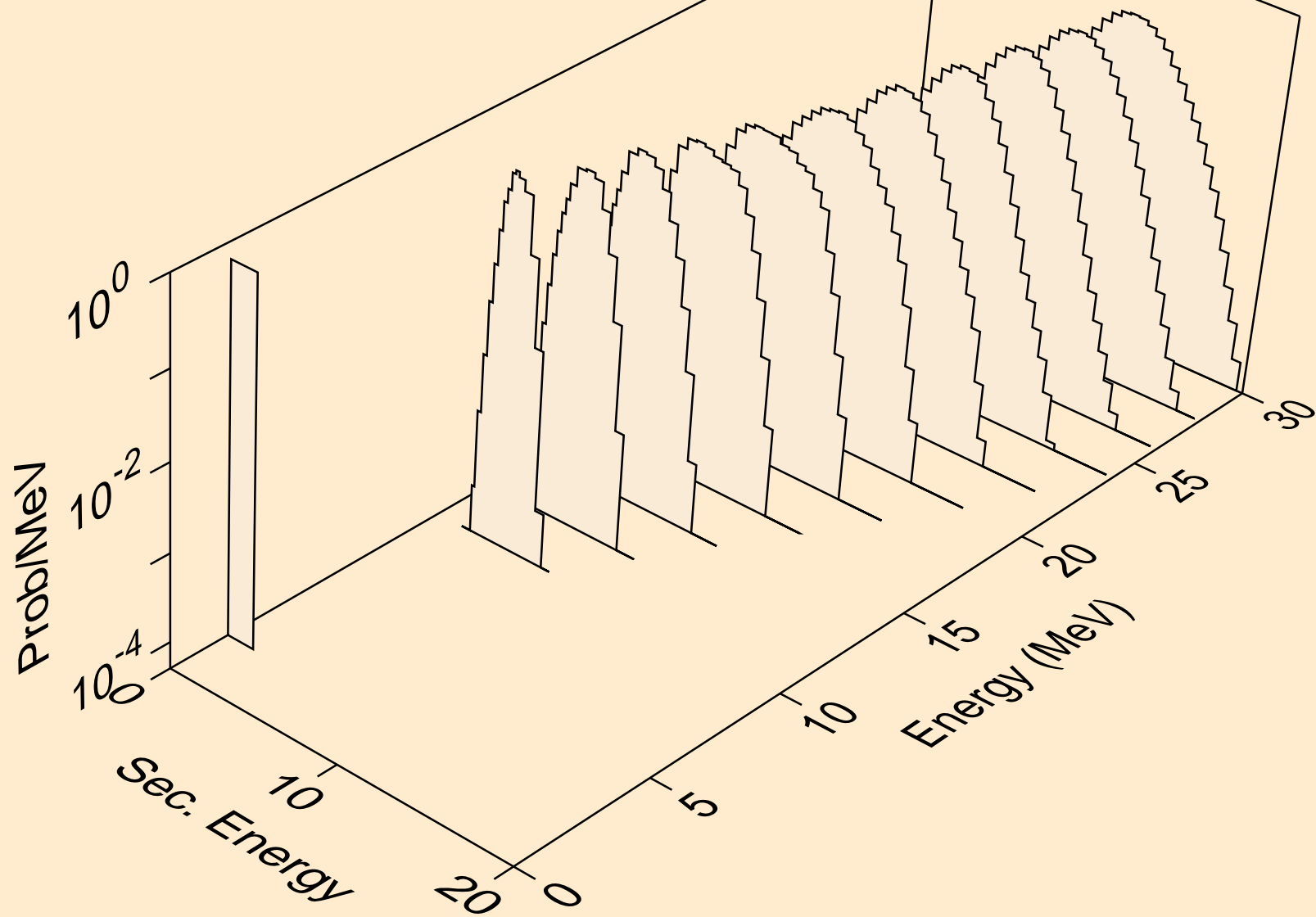
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



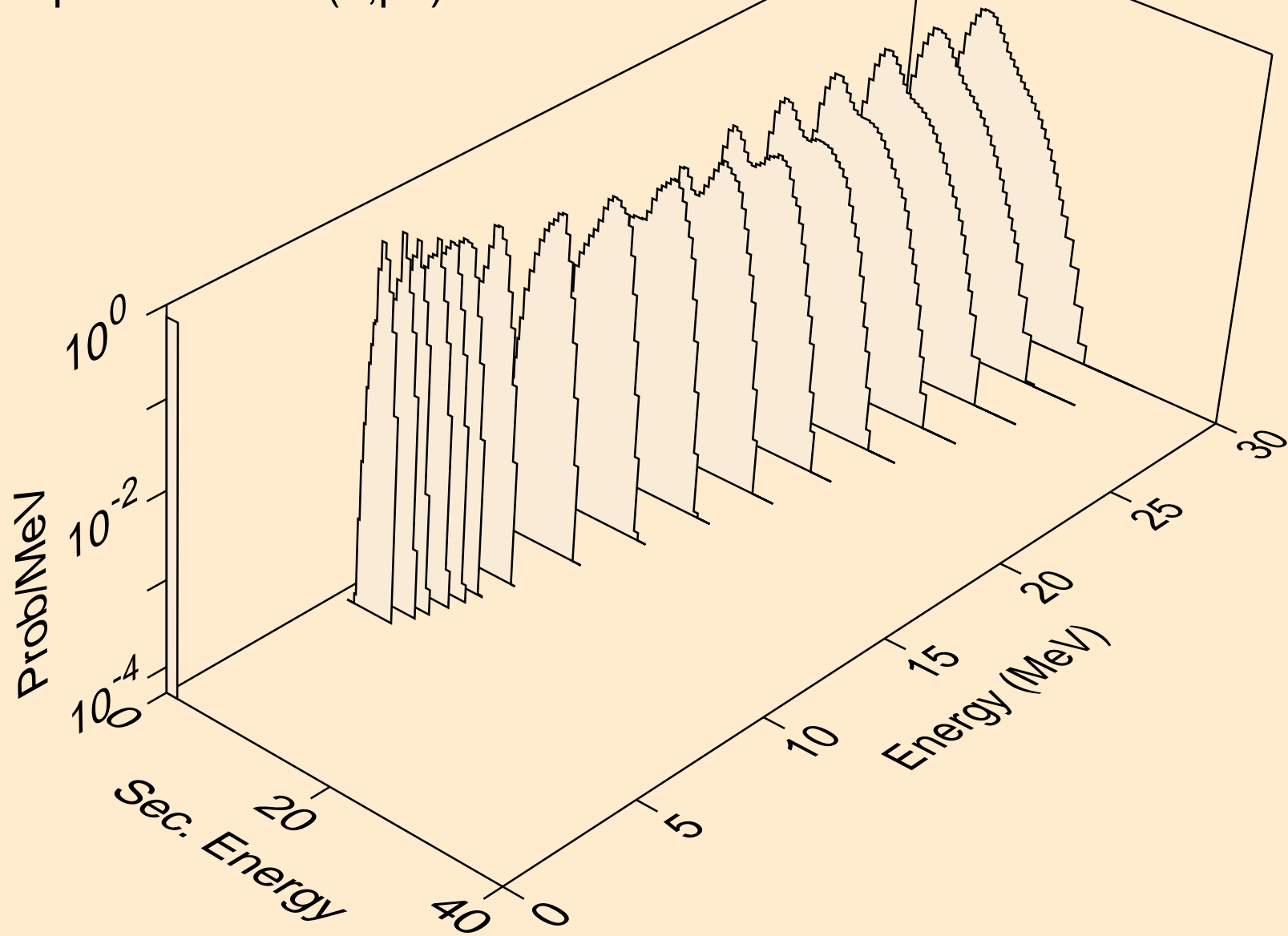
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protons from (n,p)



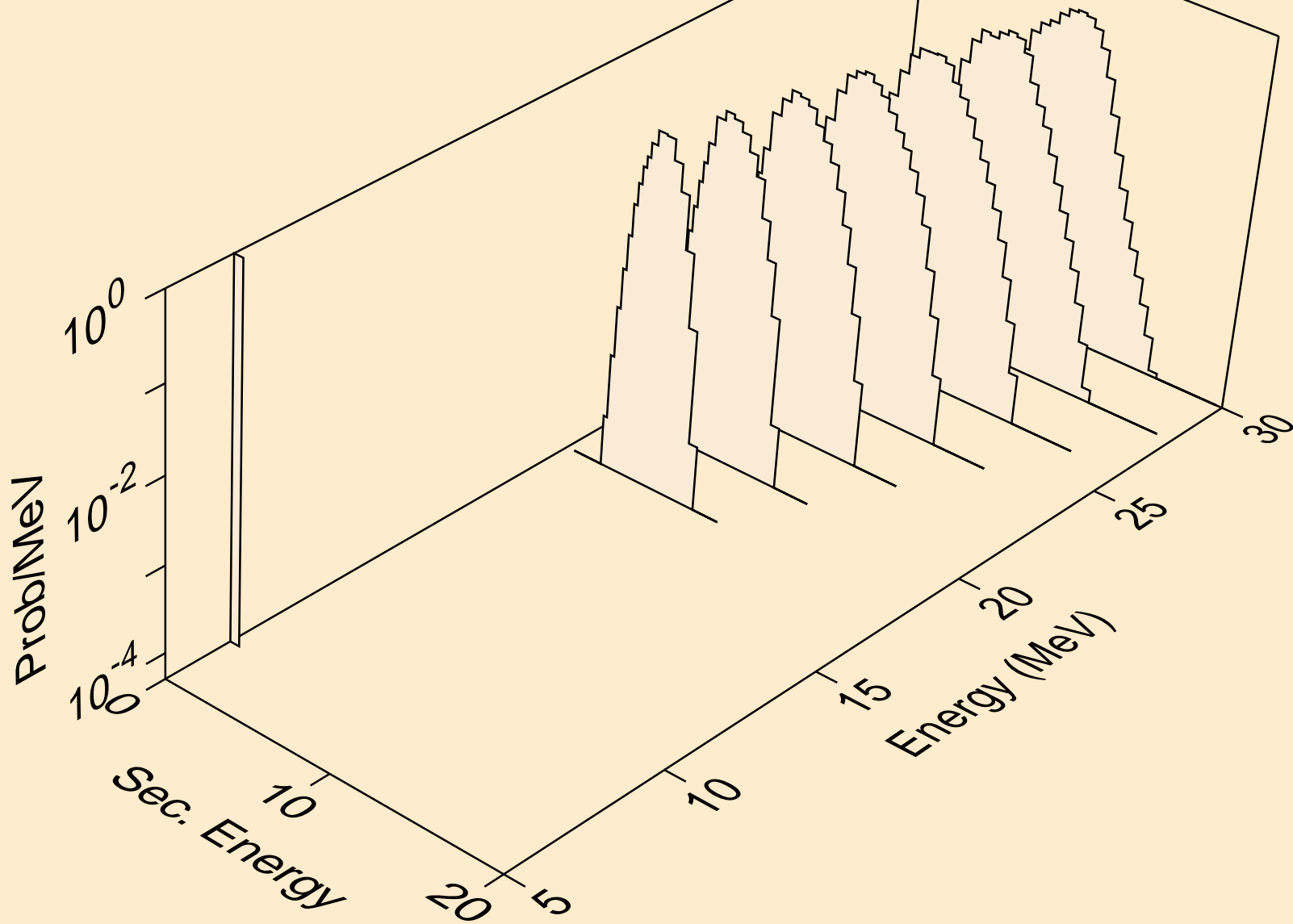
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

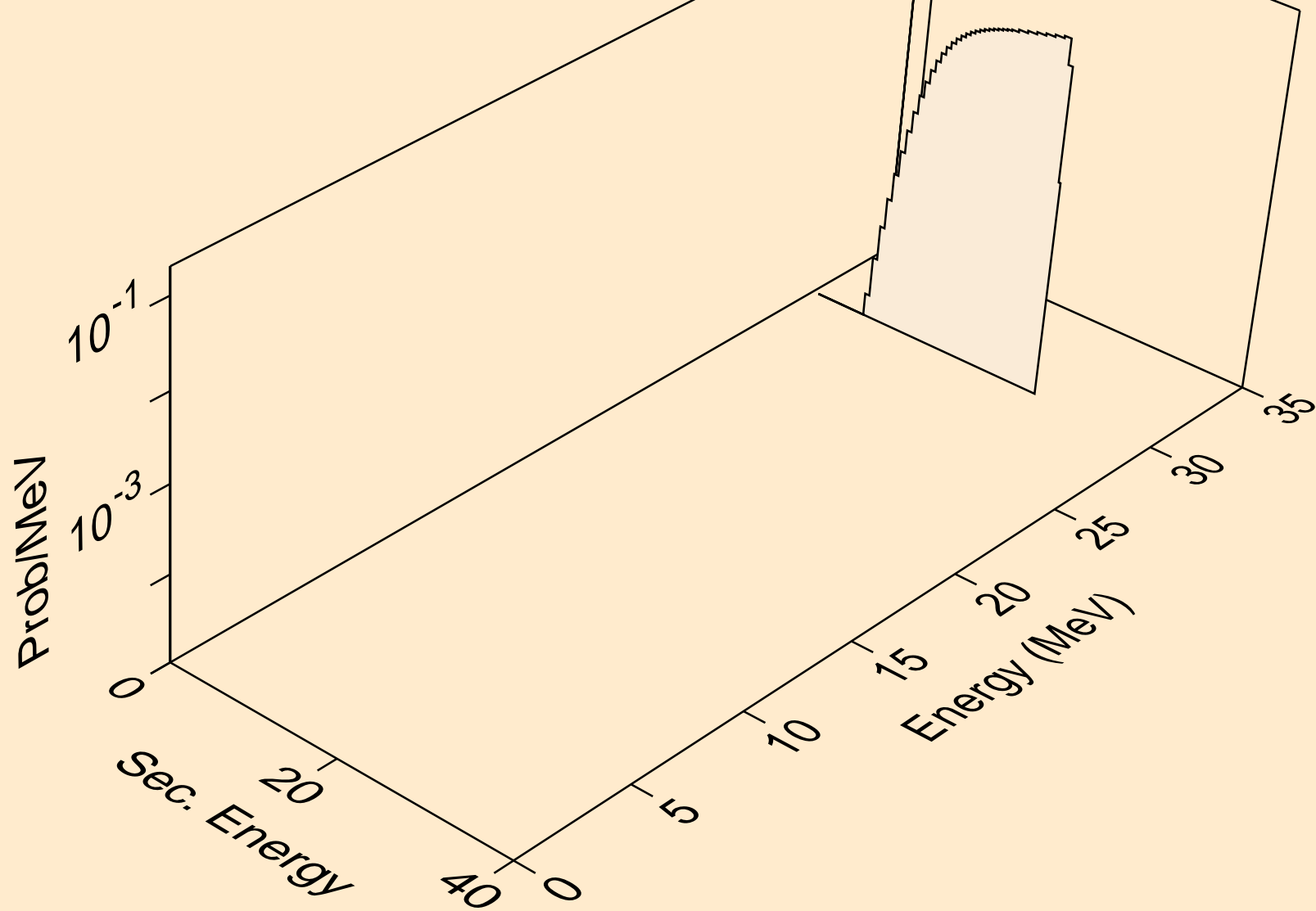


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)

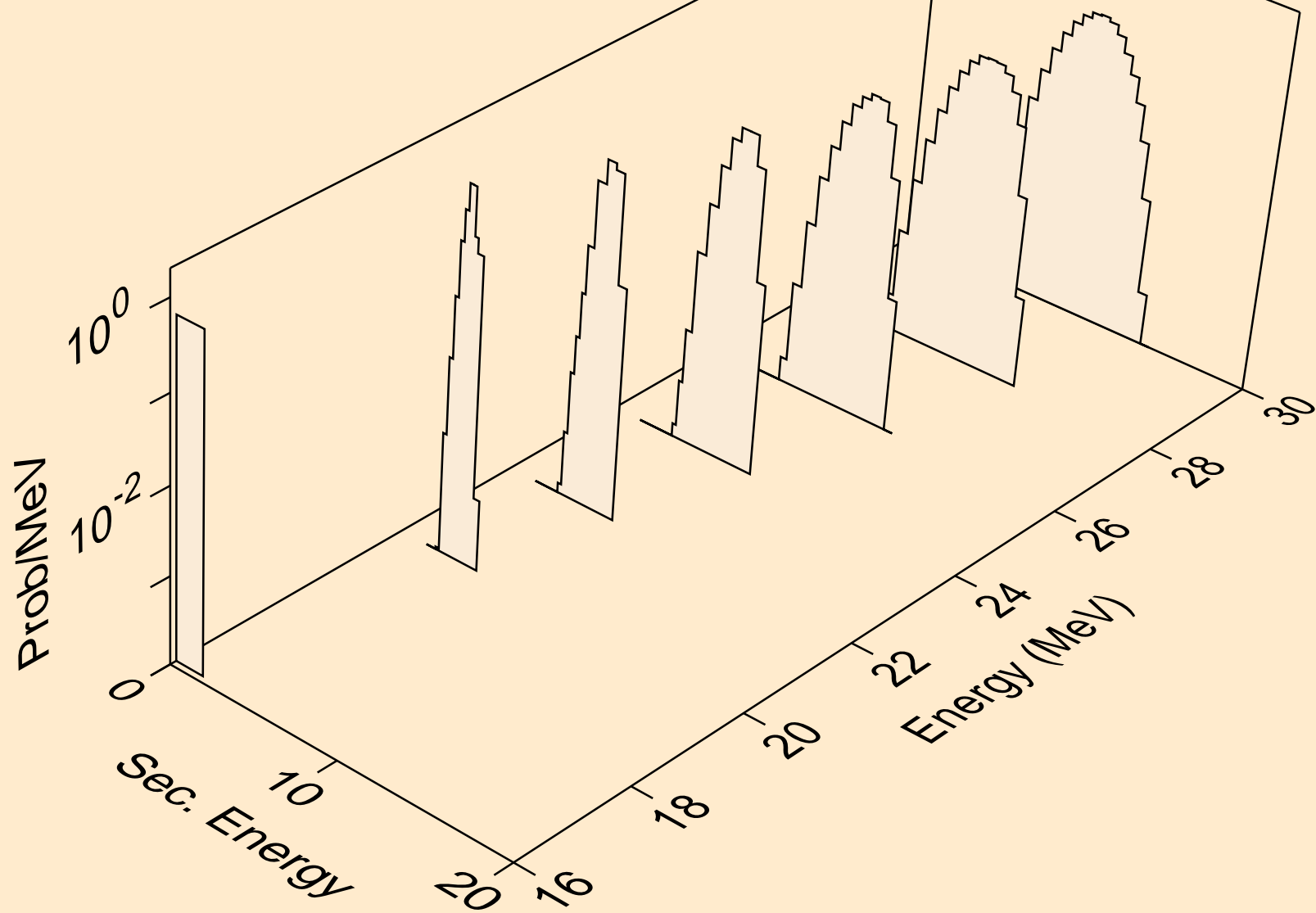




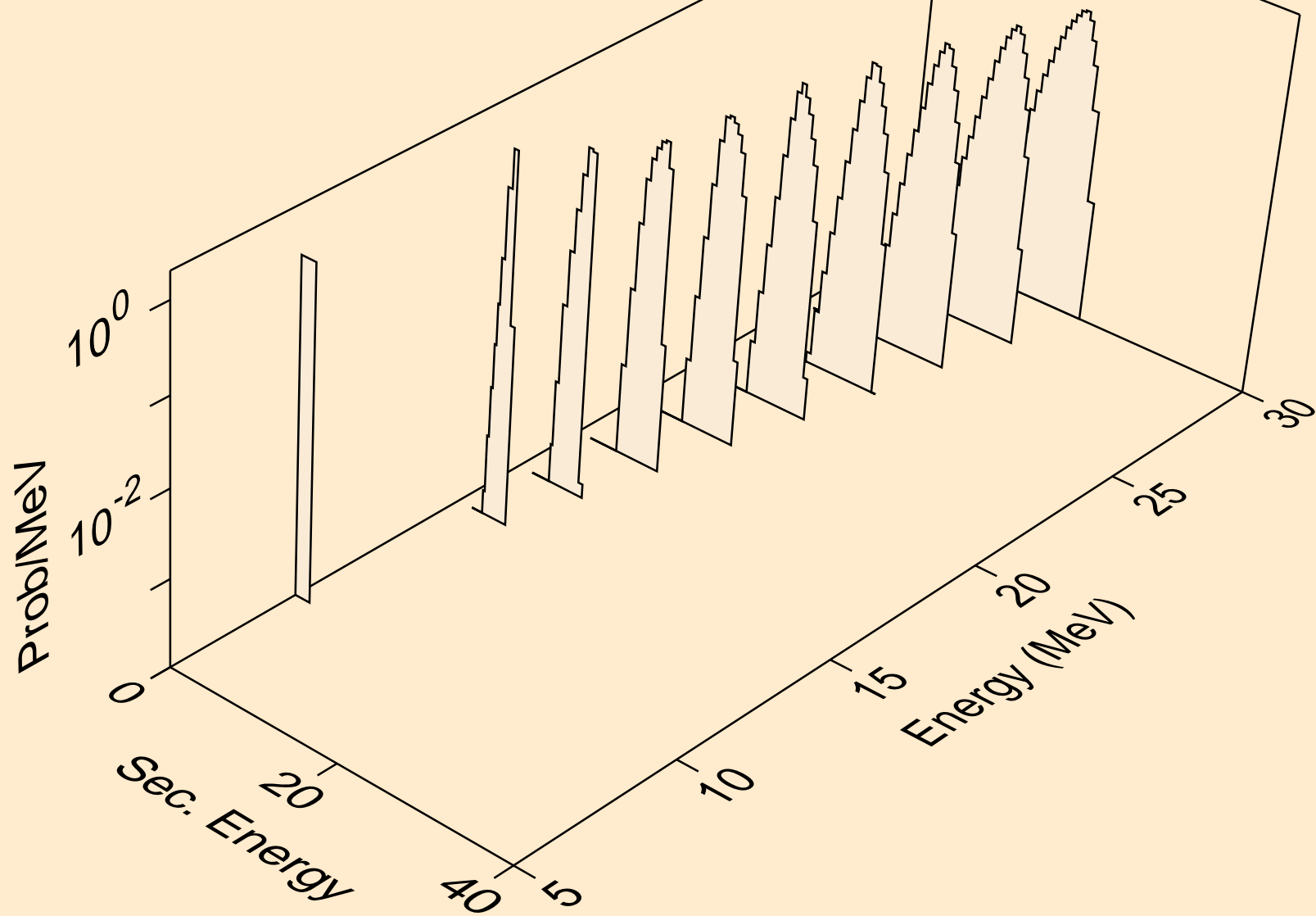
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



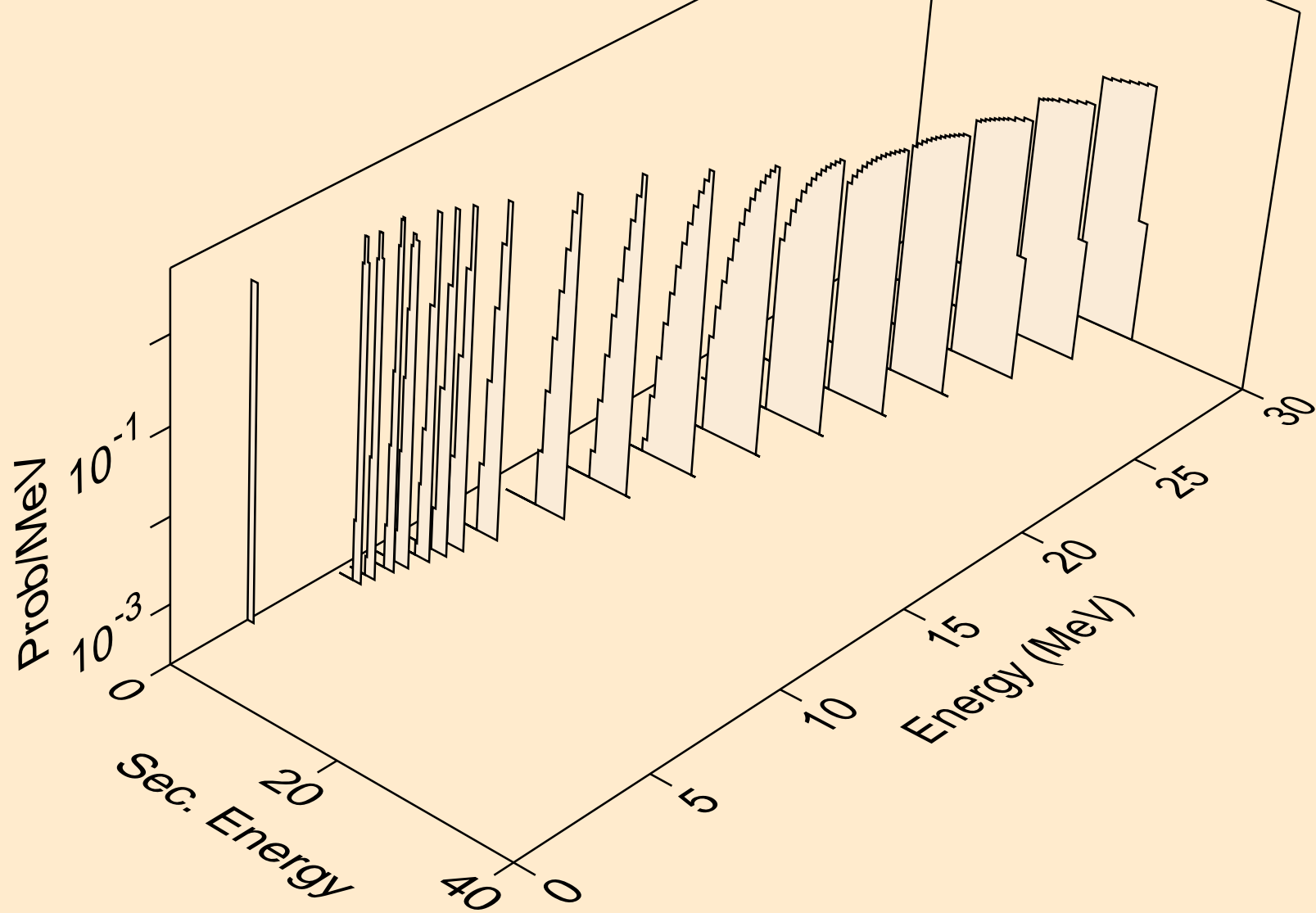
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deuterons from (n,2nd)



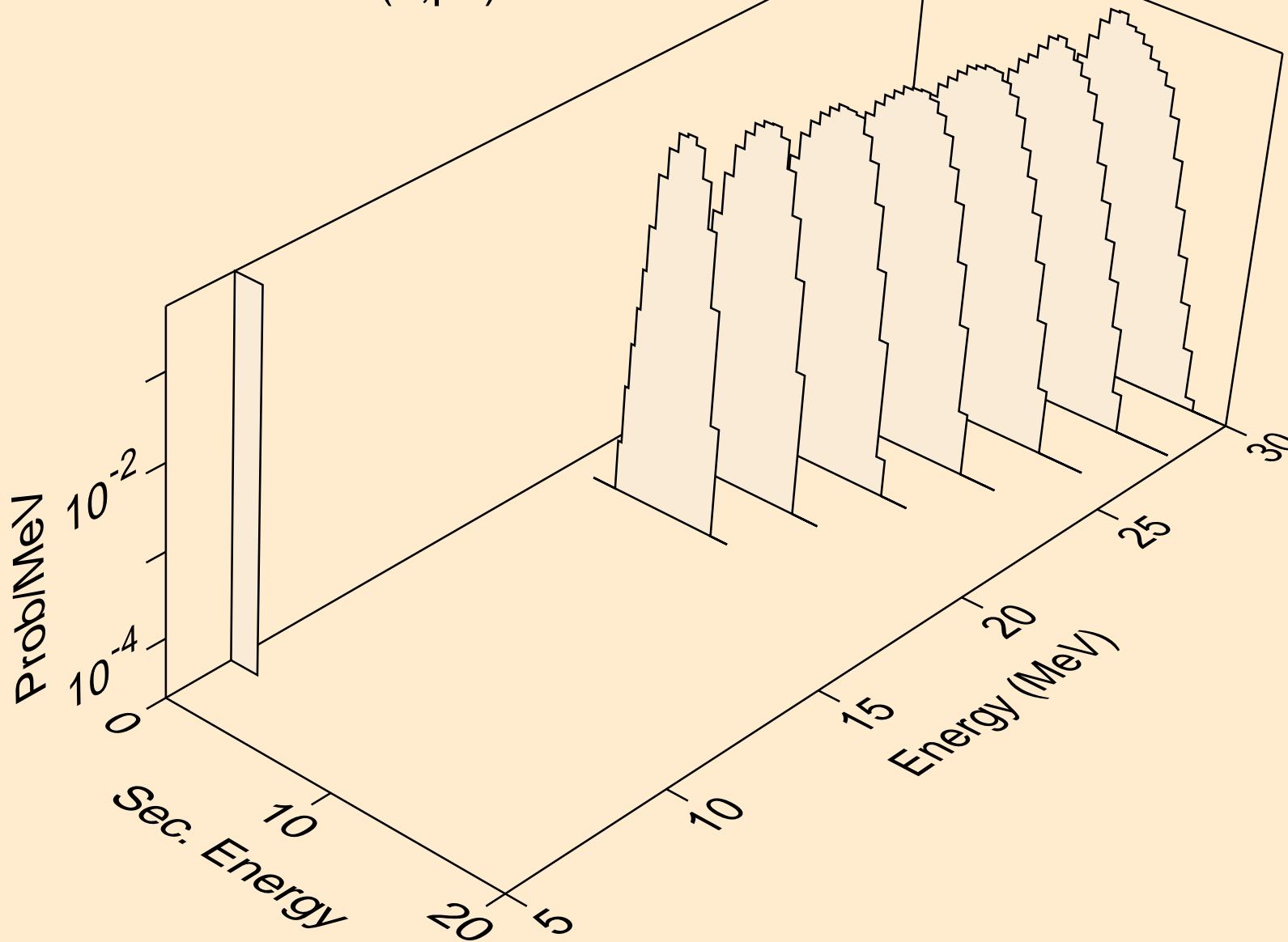
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



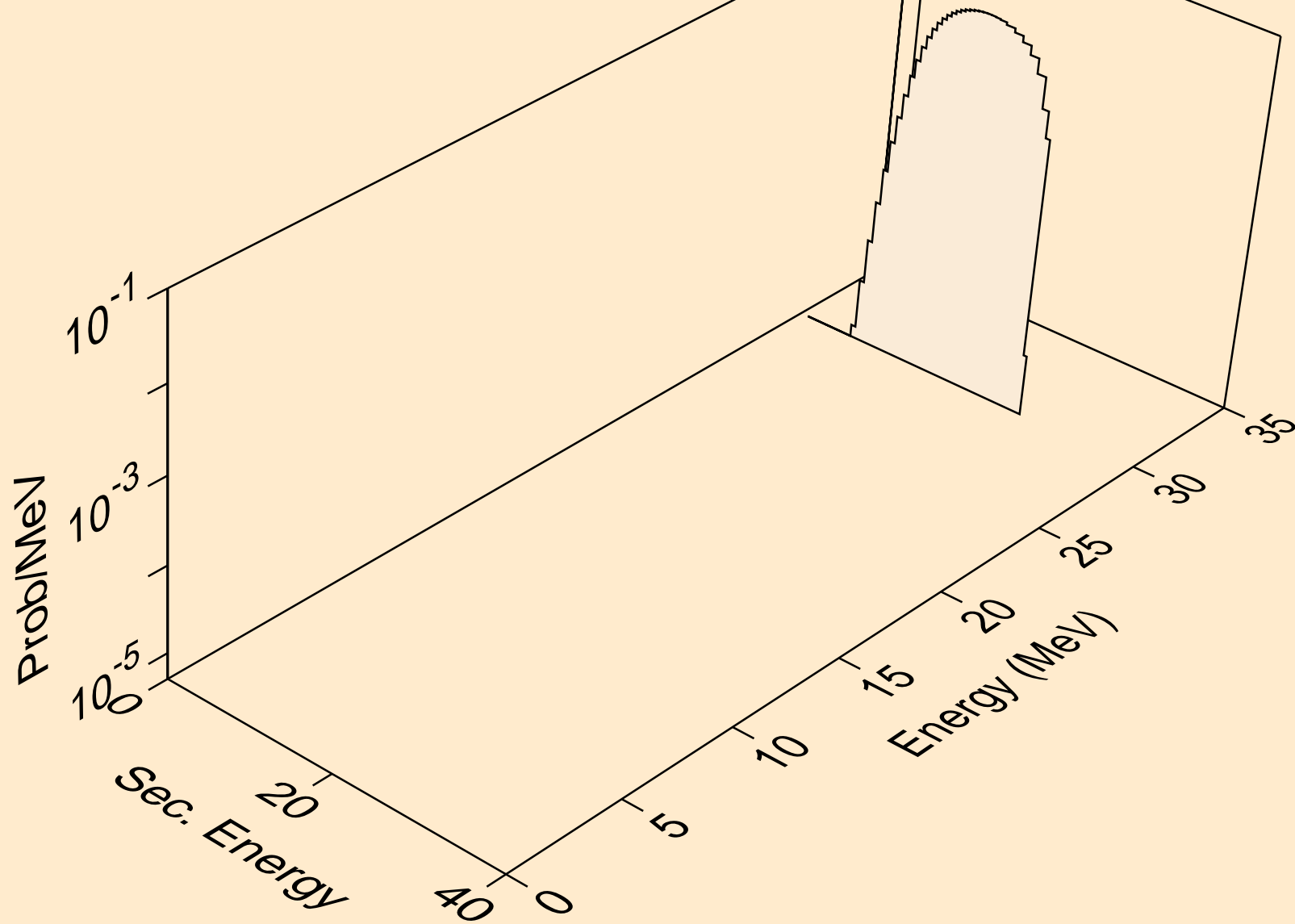
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deuterons from (n,d)



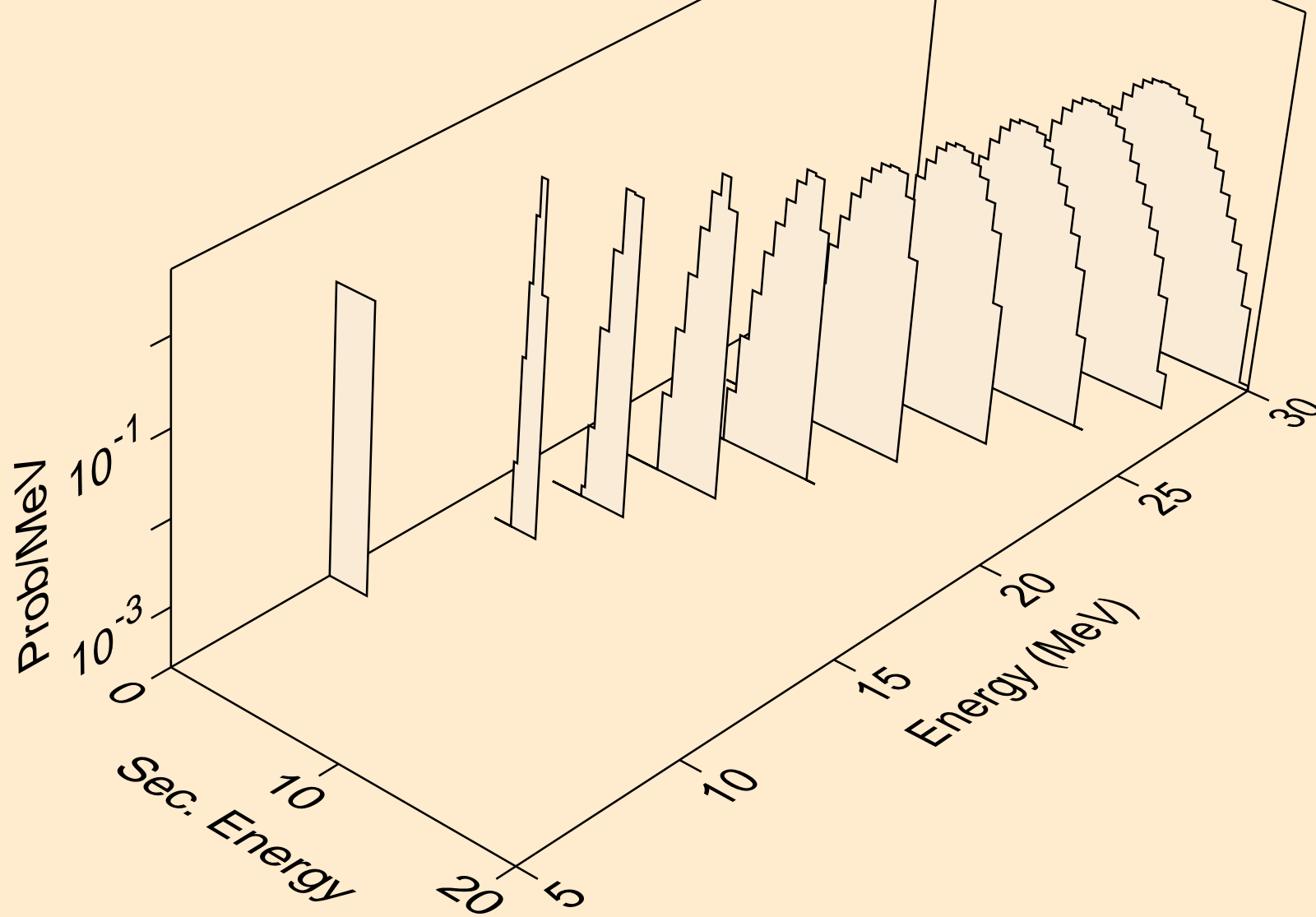
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deuterons from (n,pd)



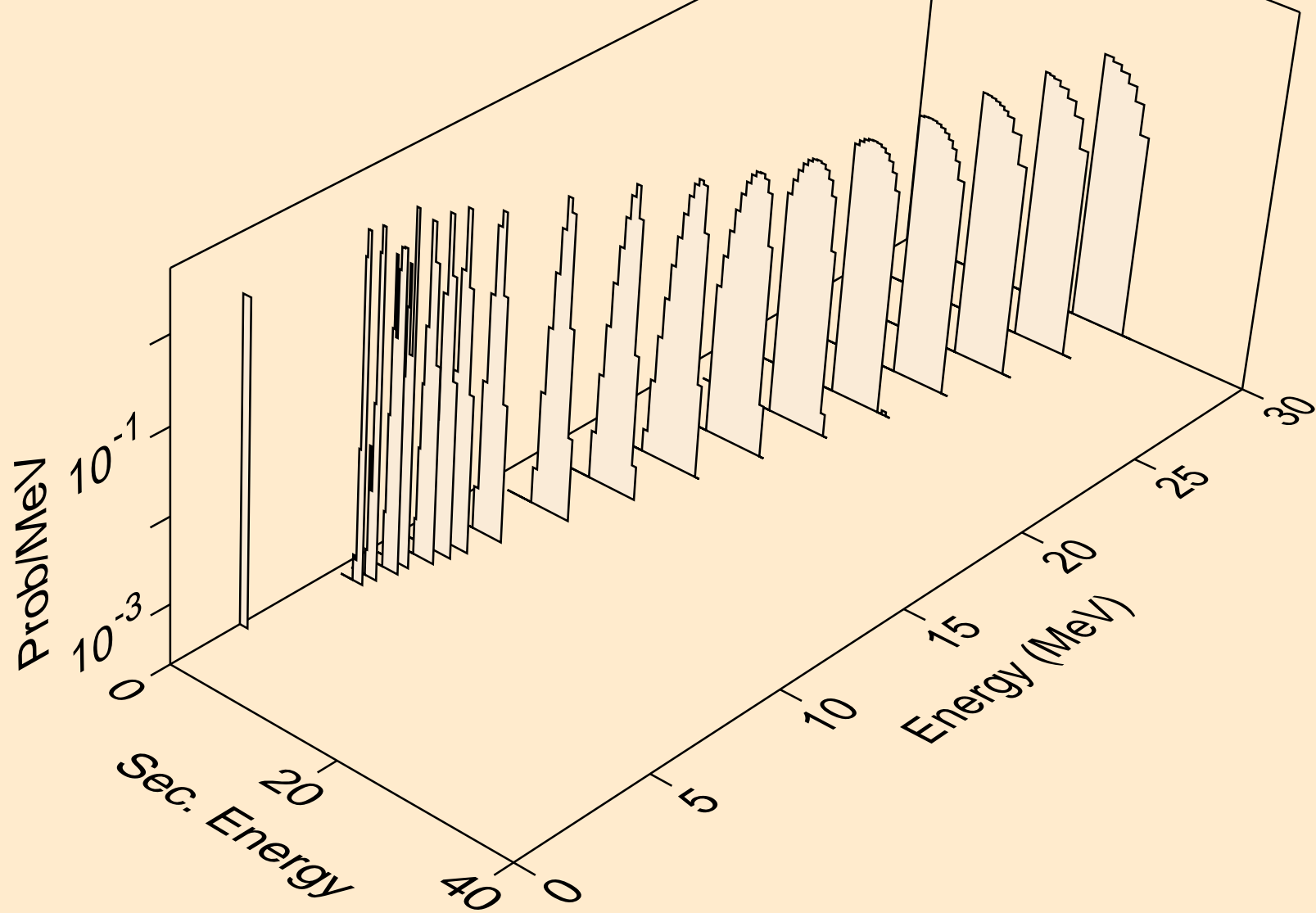
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

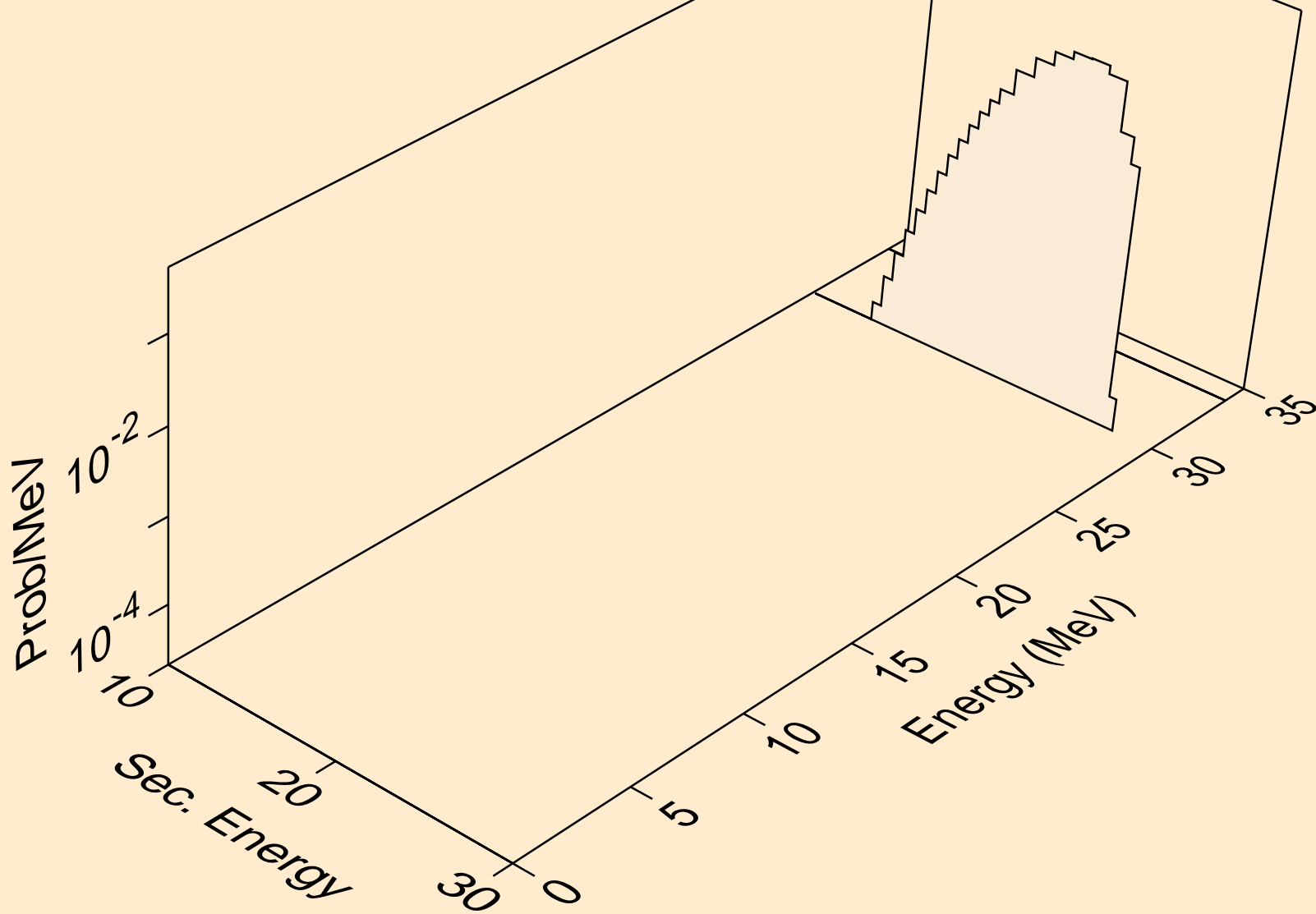


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

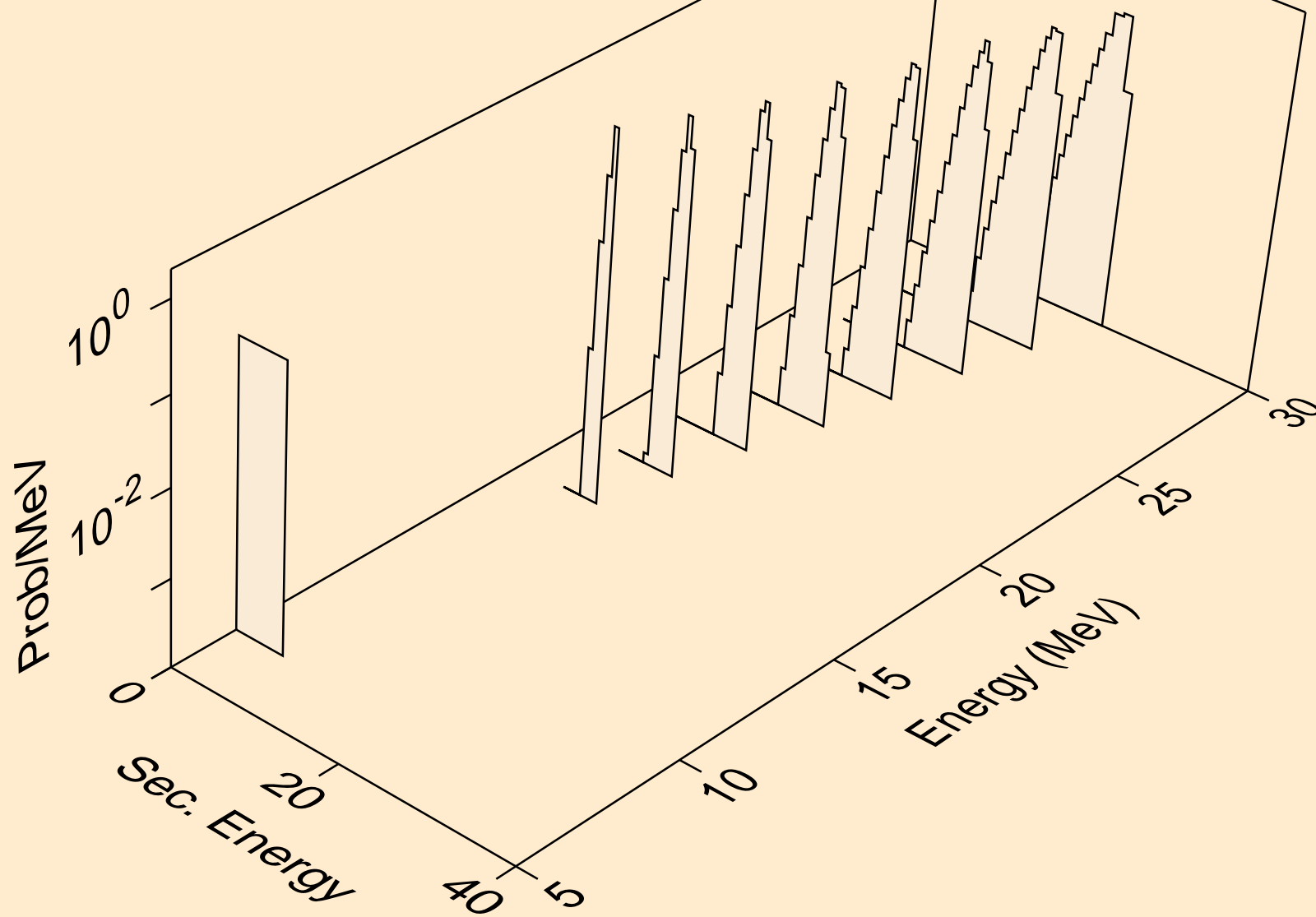




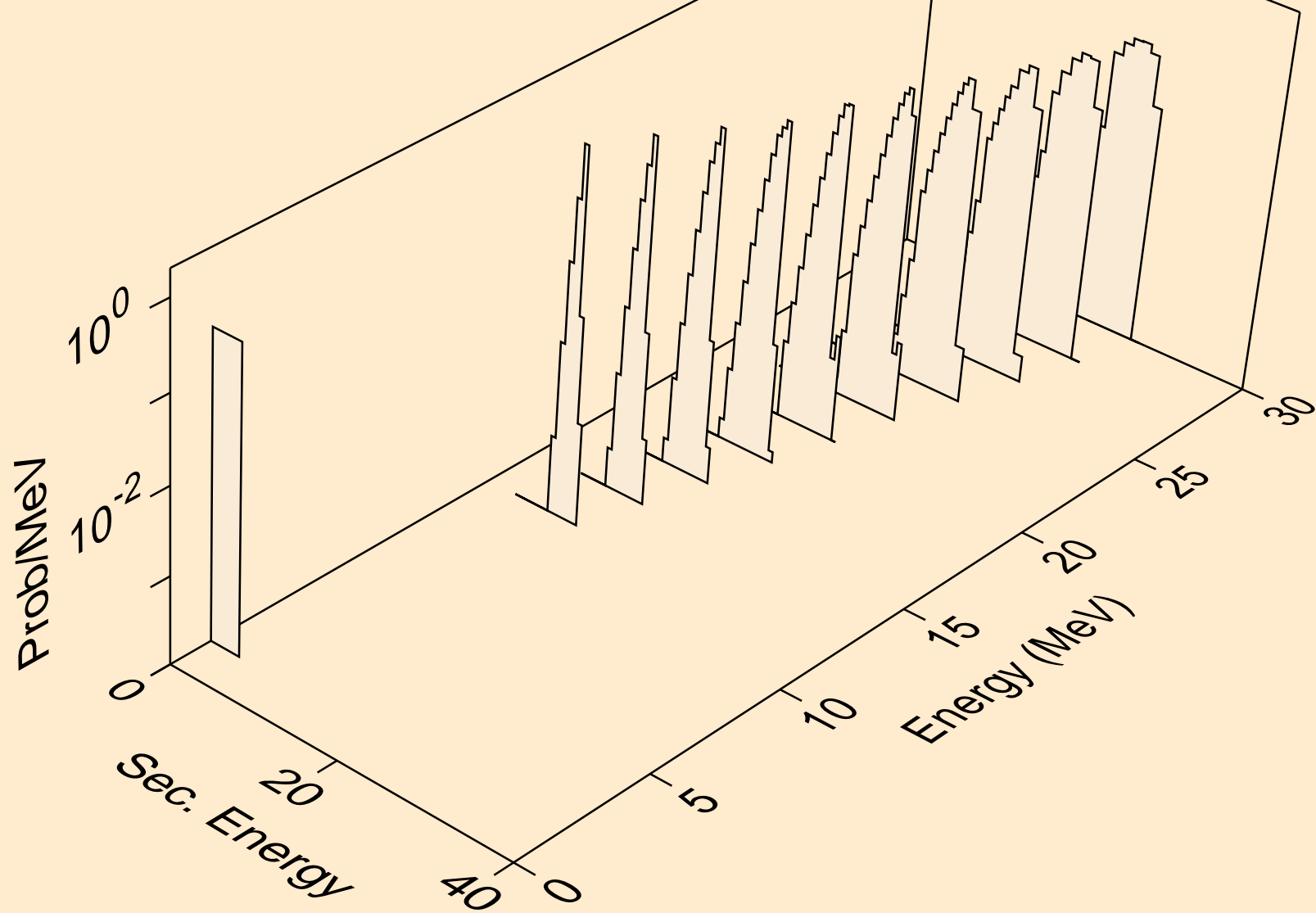
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



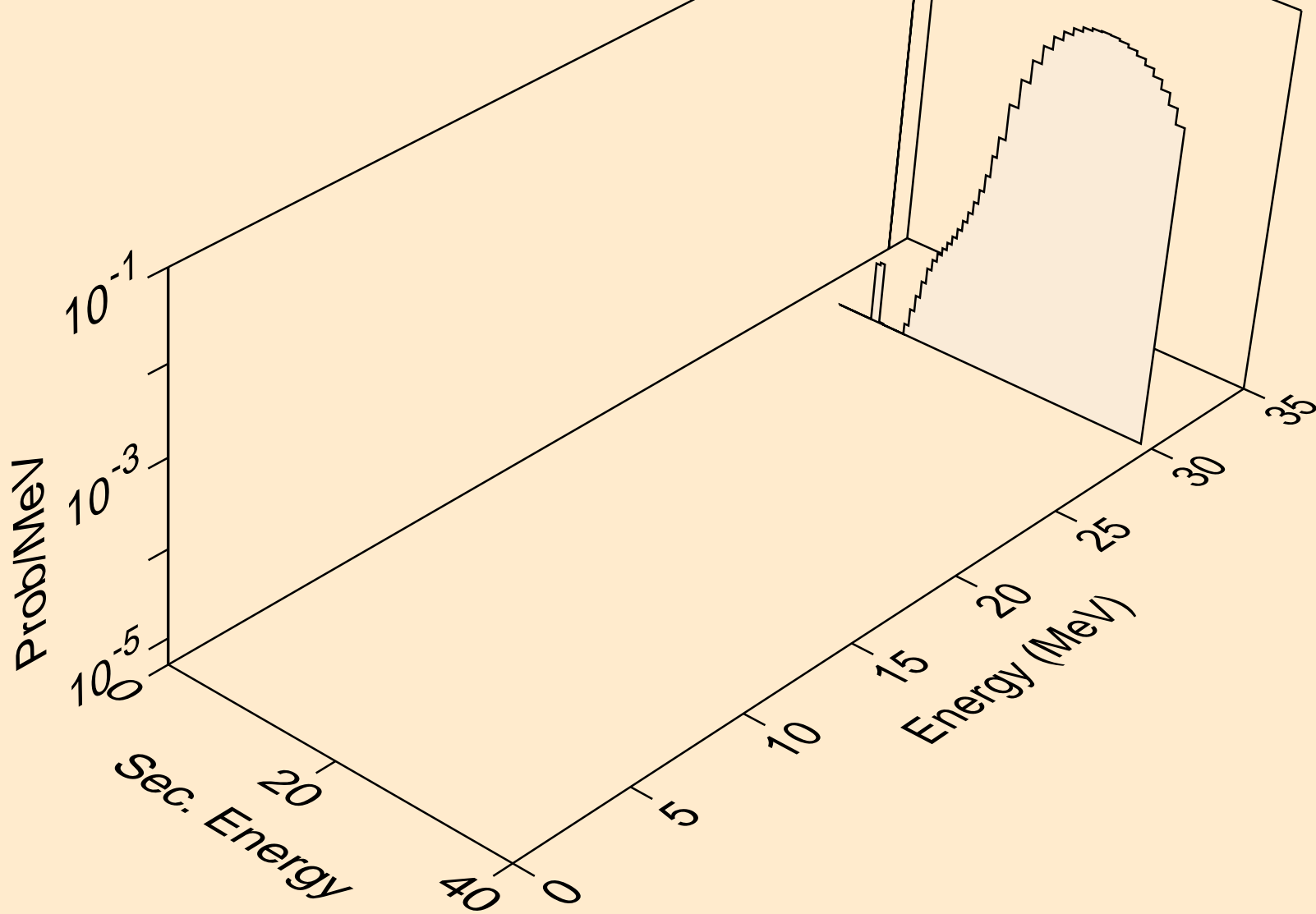
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he3s from (n,n\*)he3



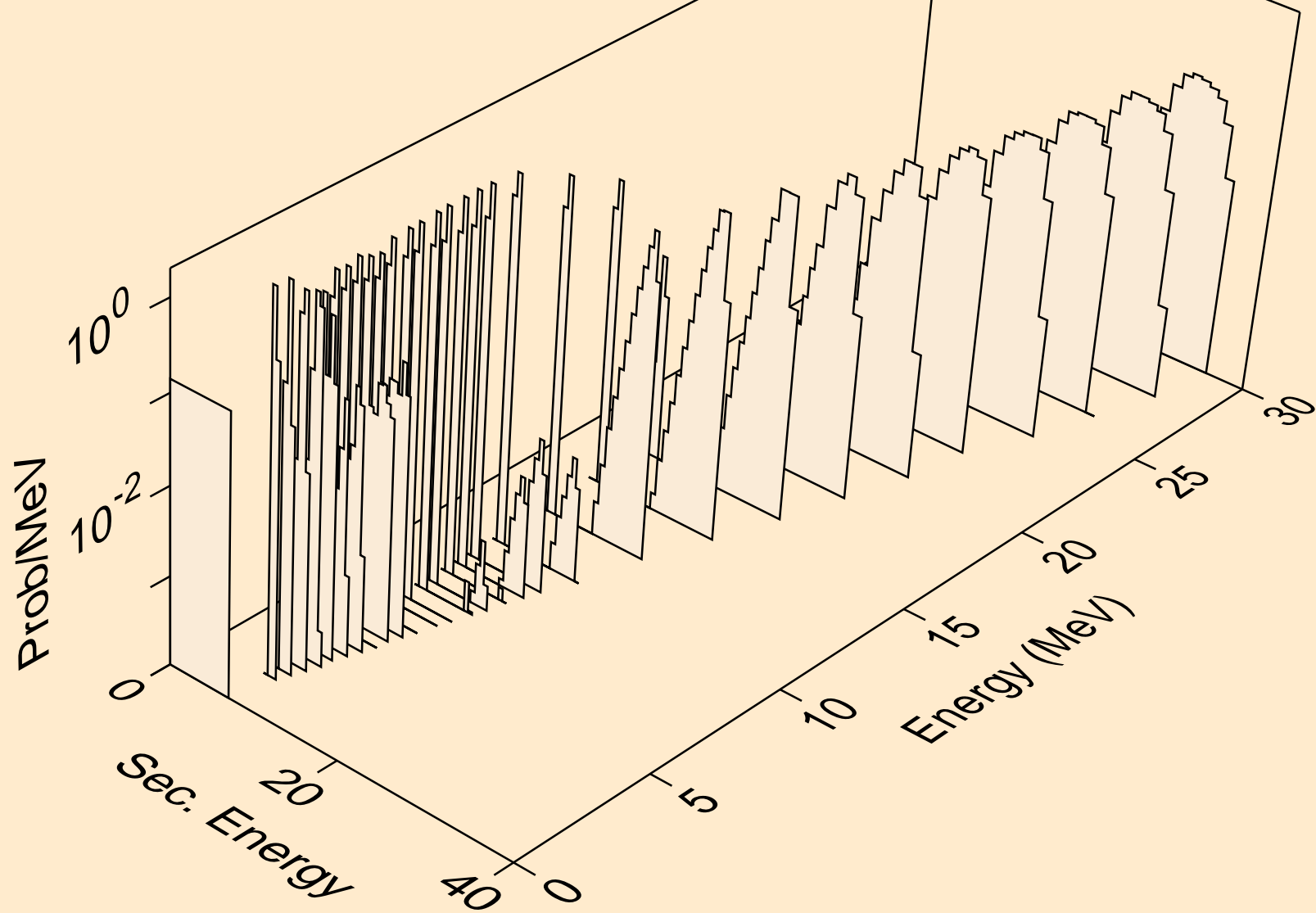
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he3s from (n,he3)



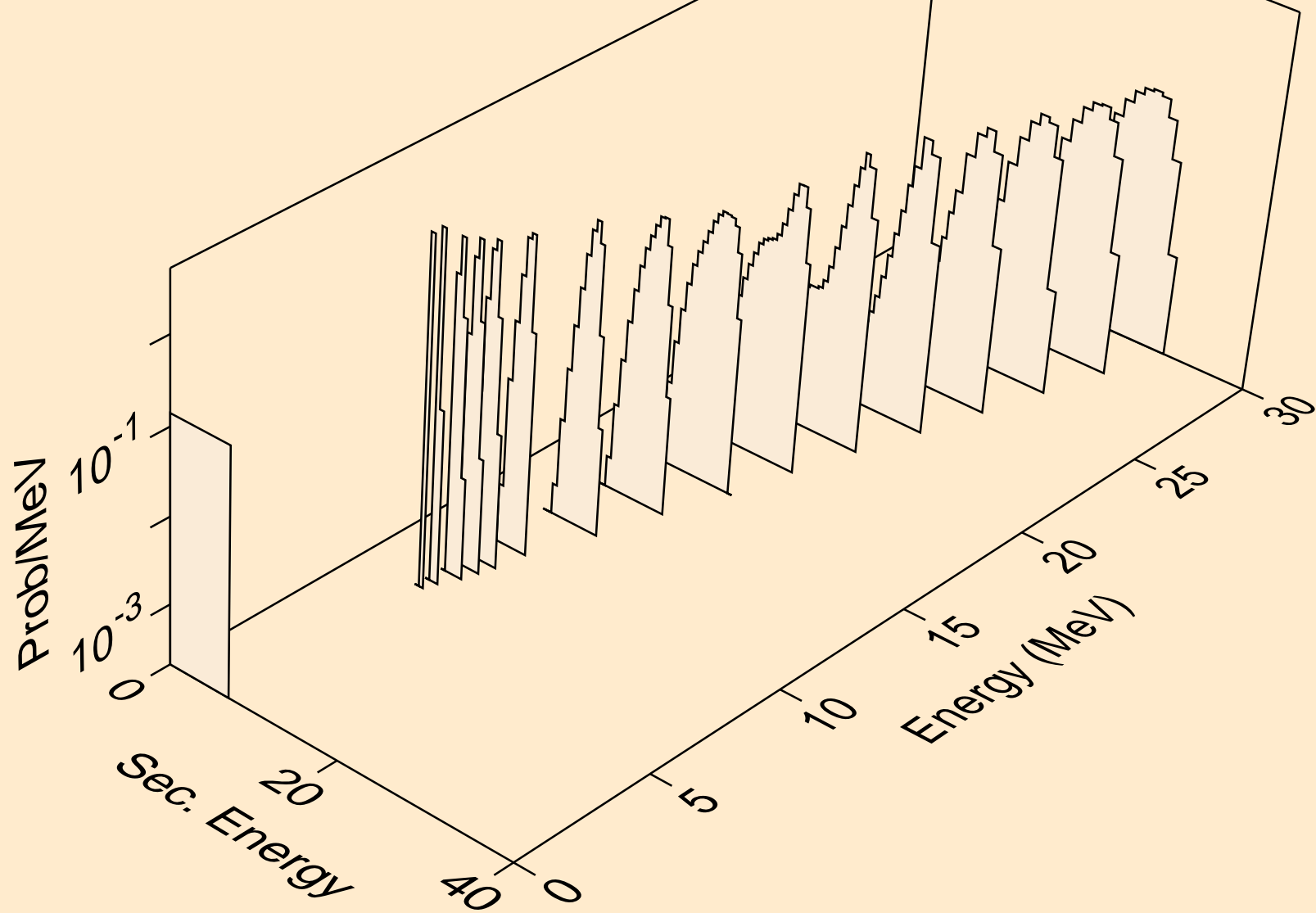
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



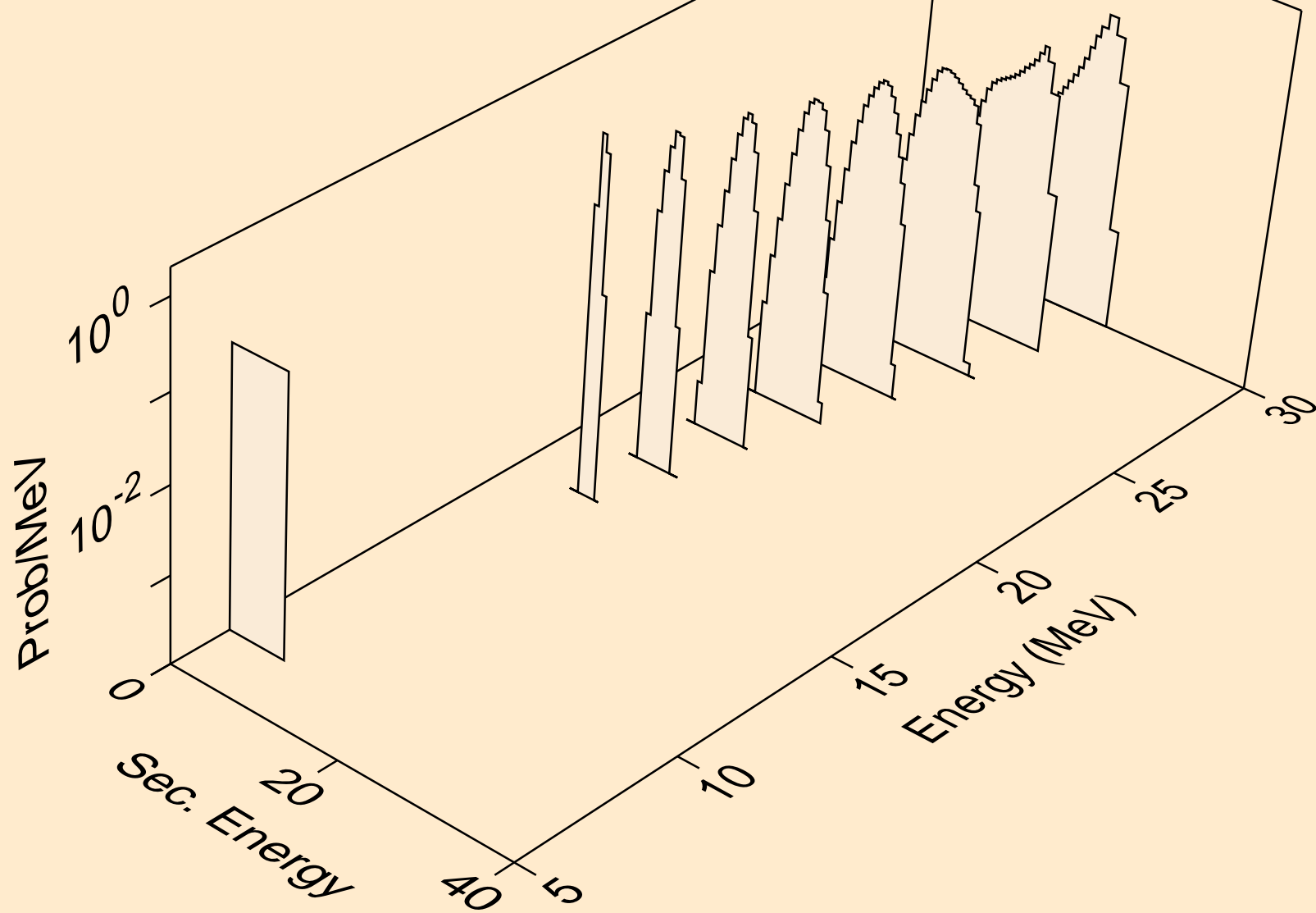
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



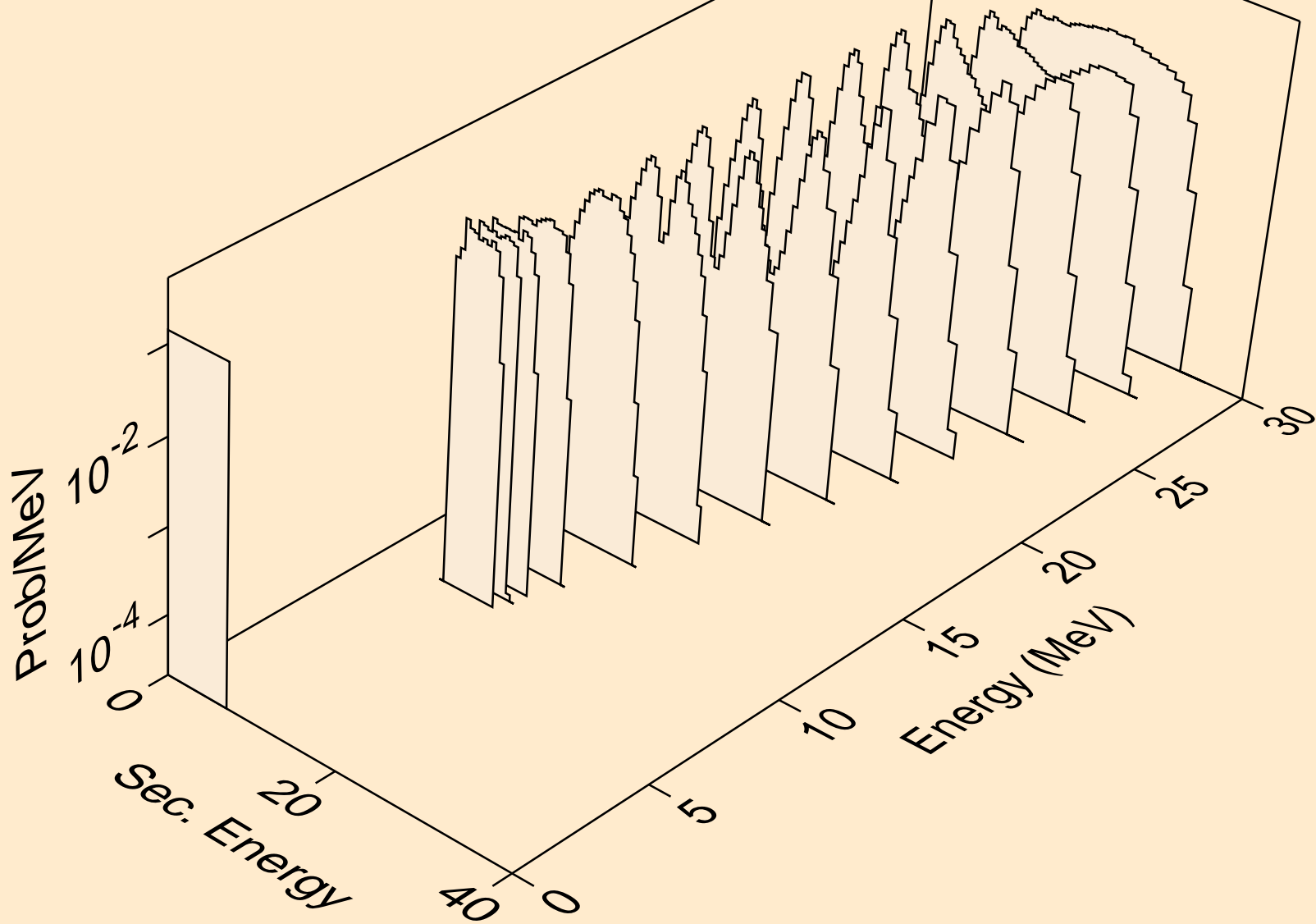
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

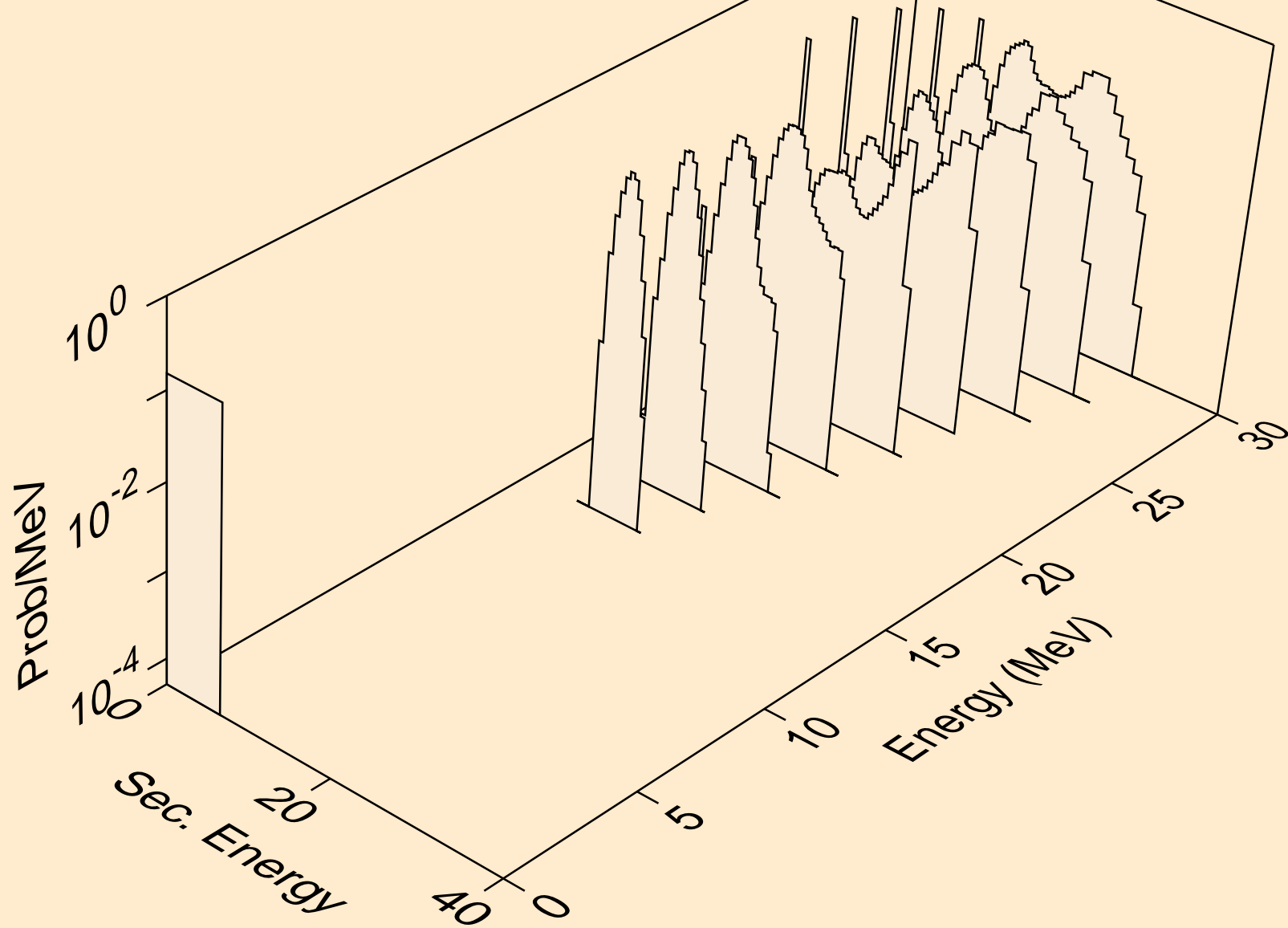


U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

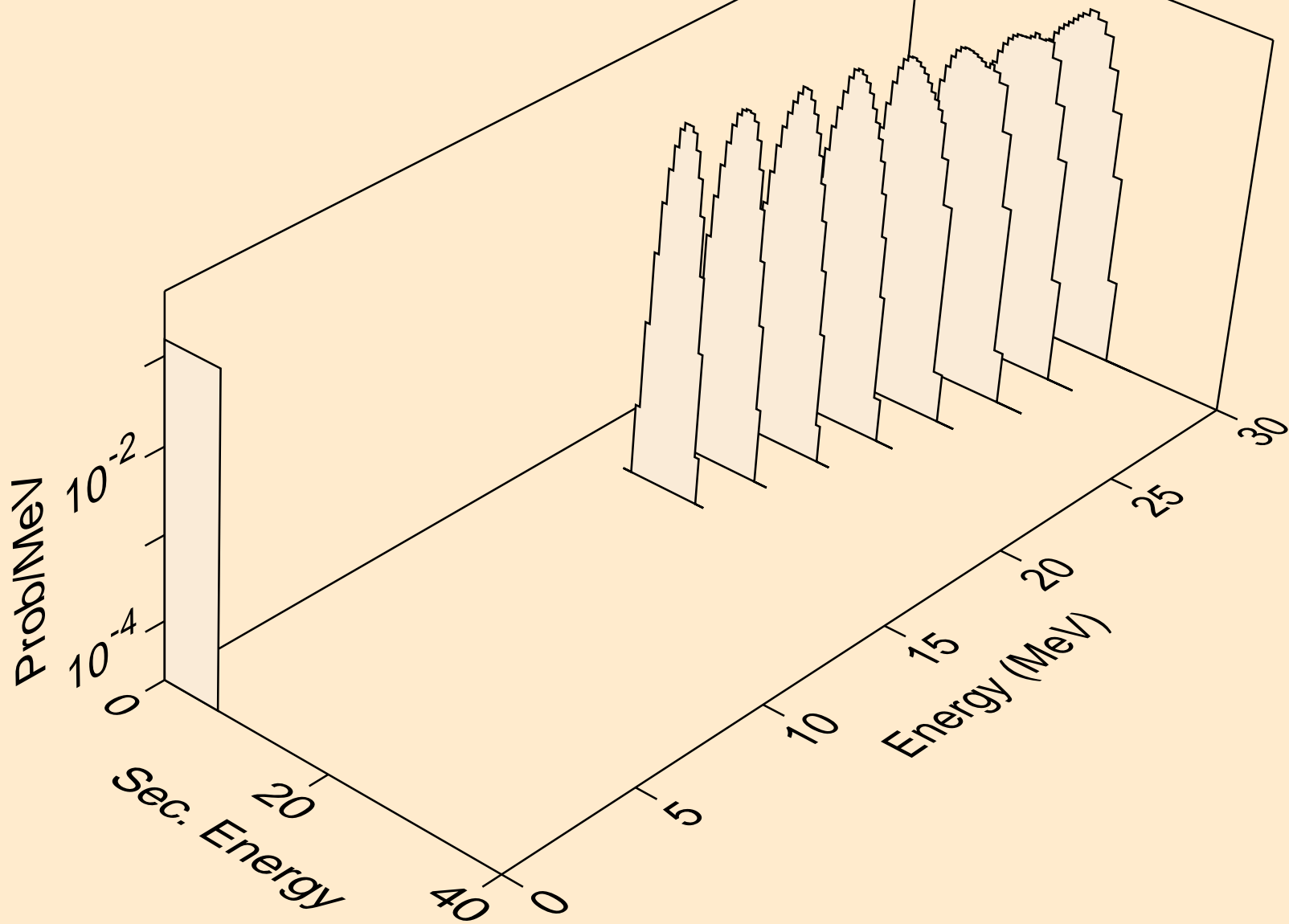




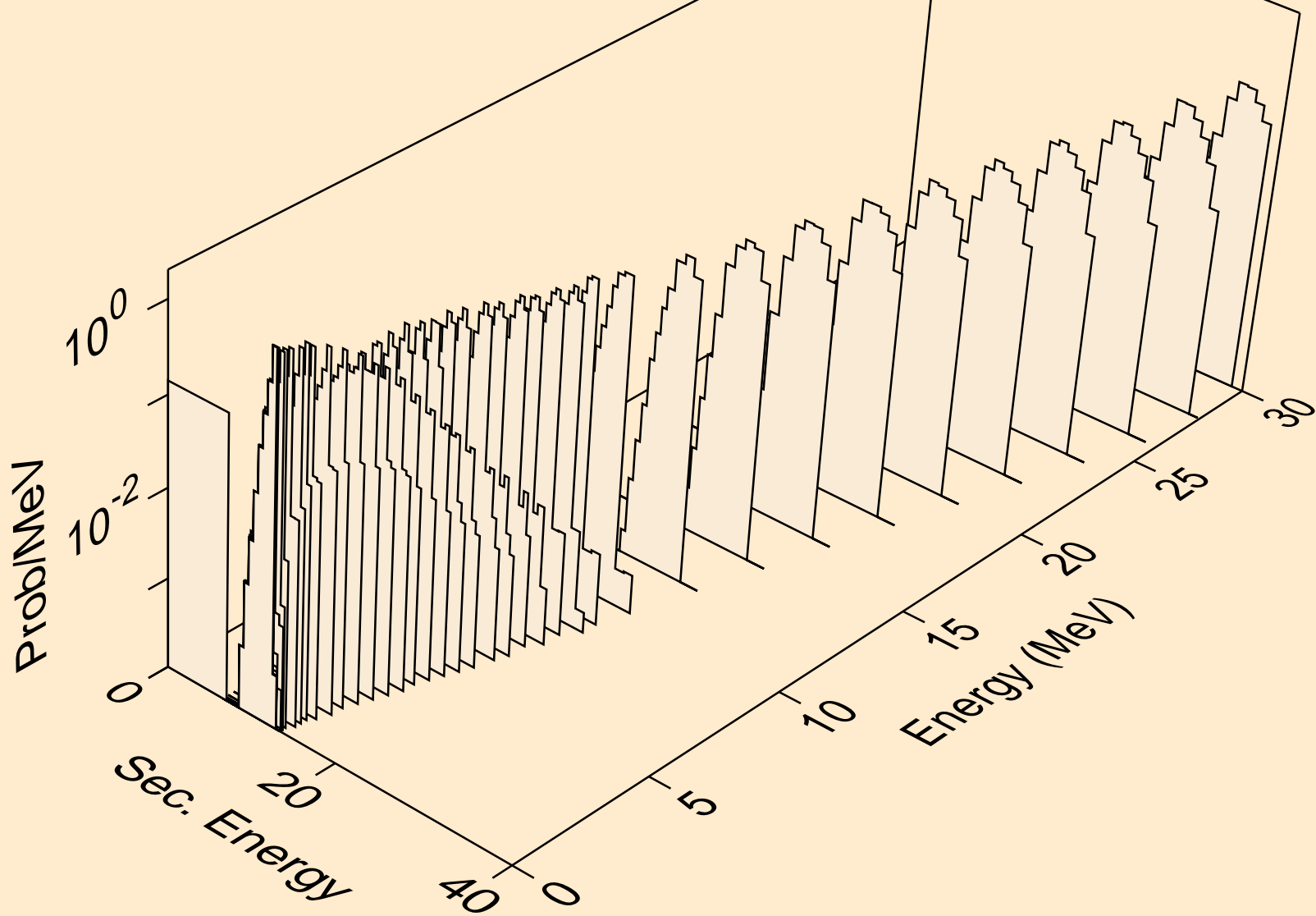
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alphas from (n,2n)2a



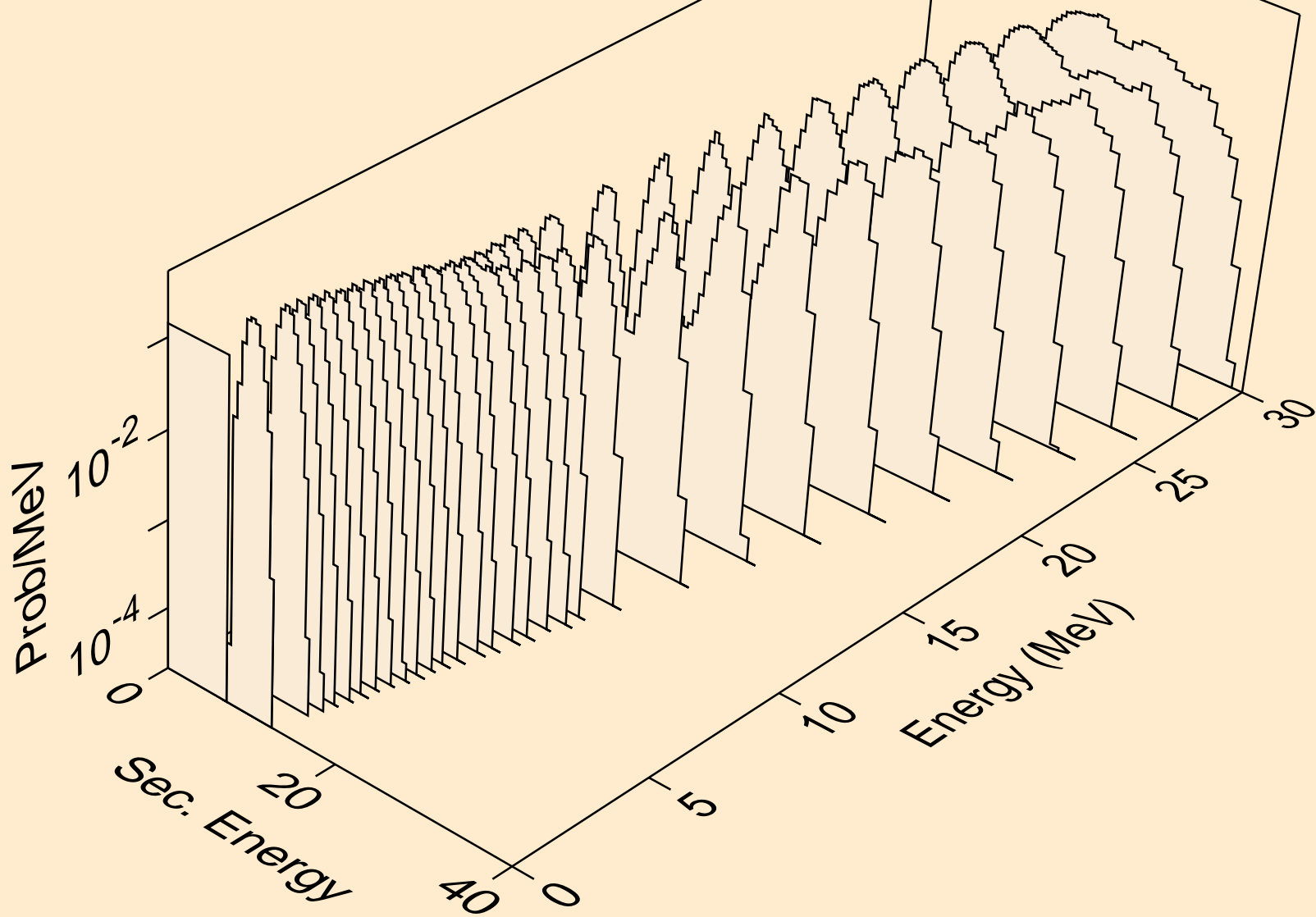
U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



U229 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)

