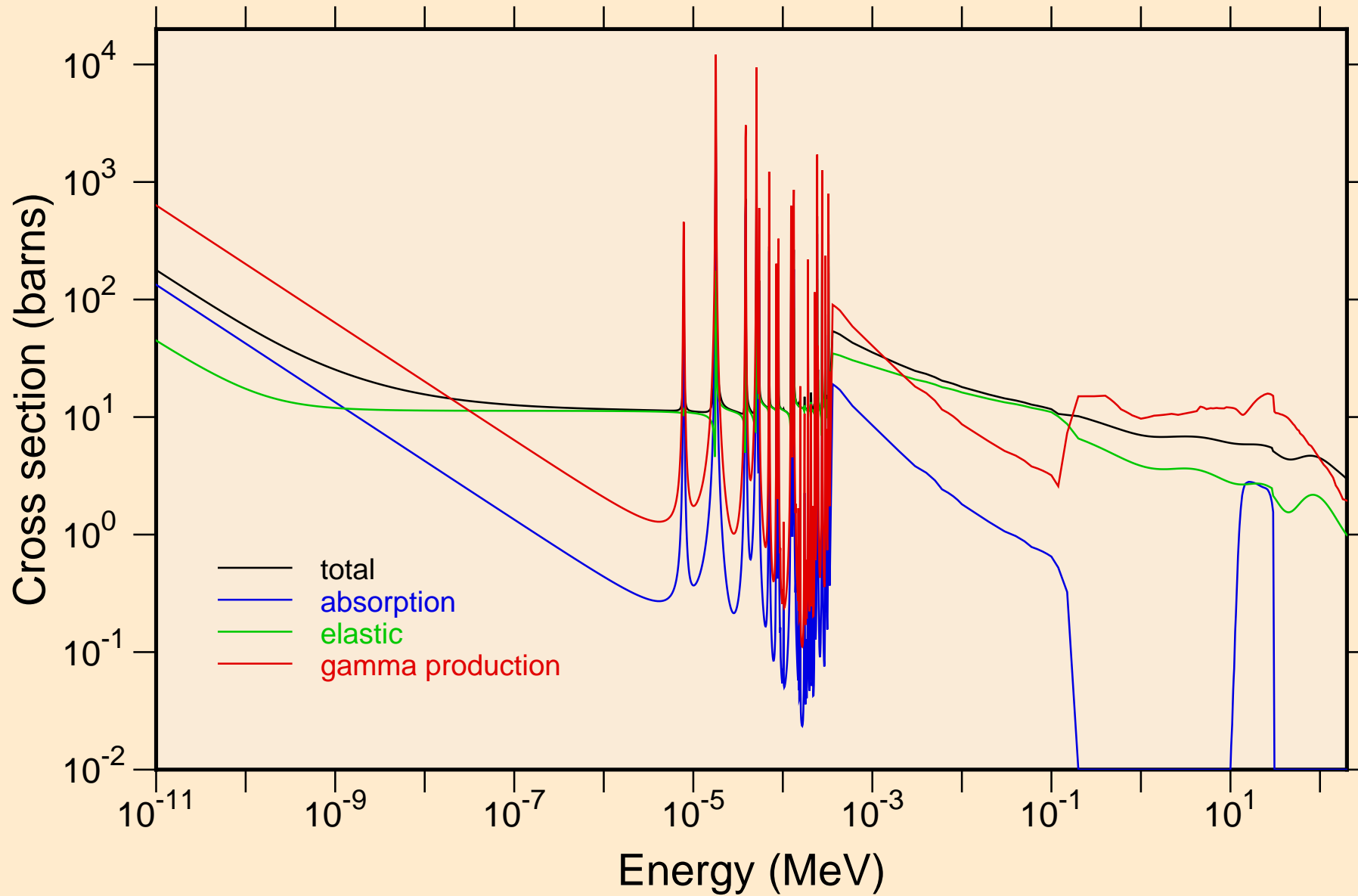
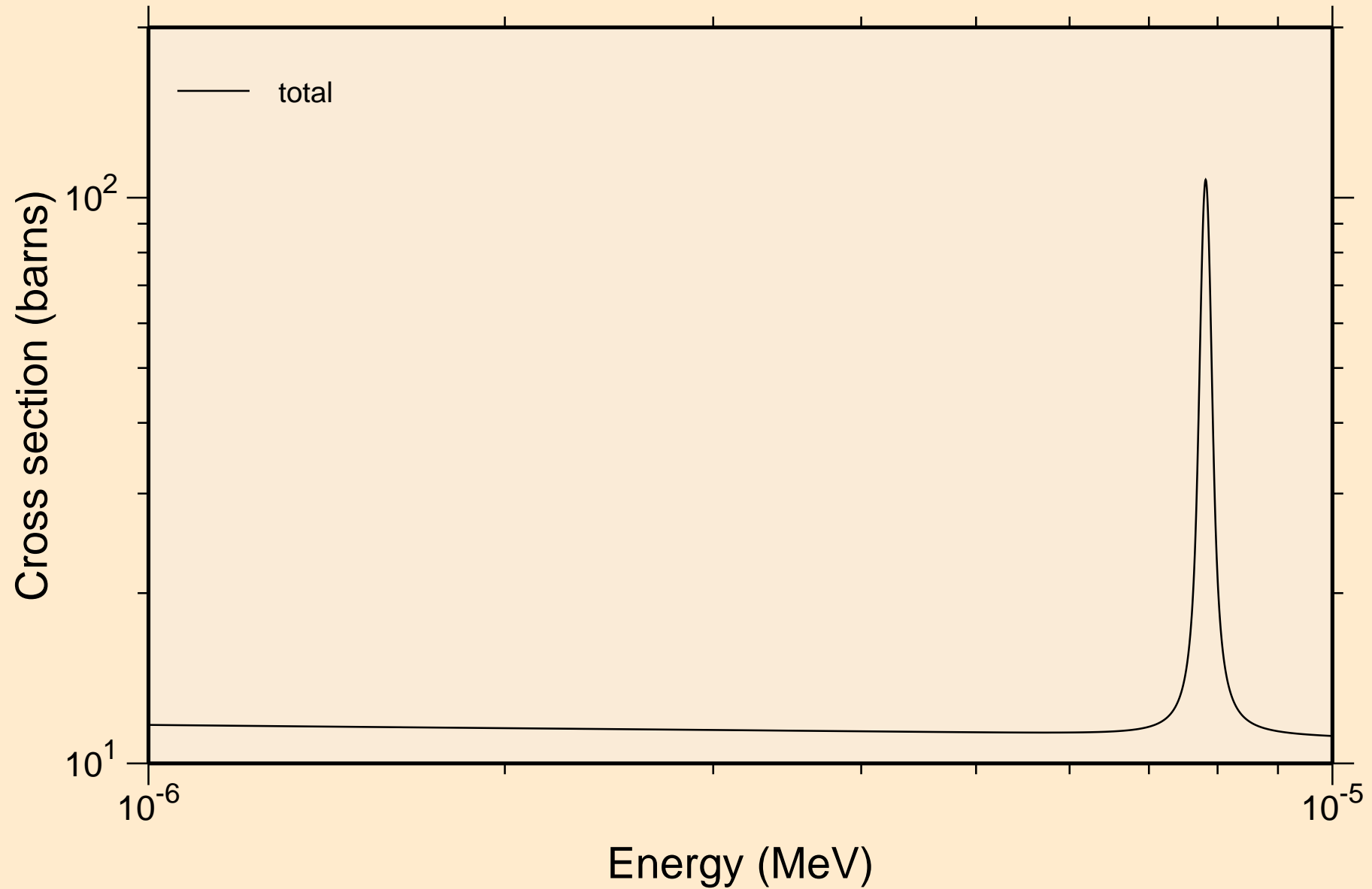


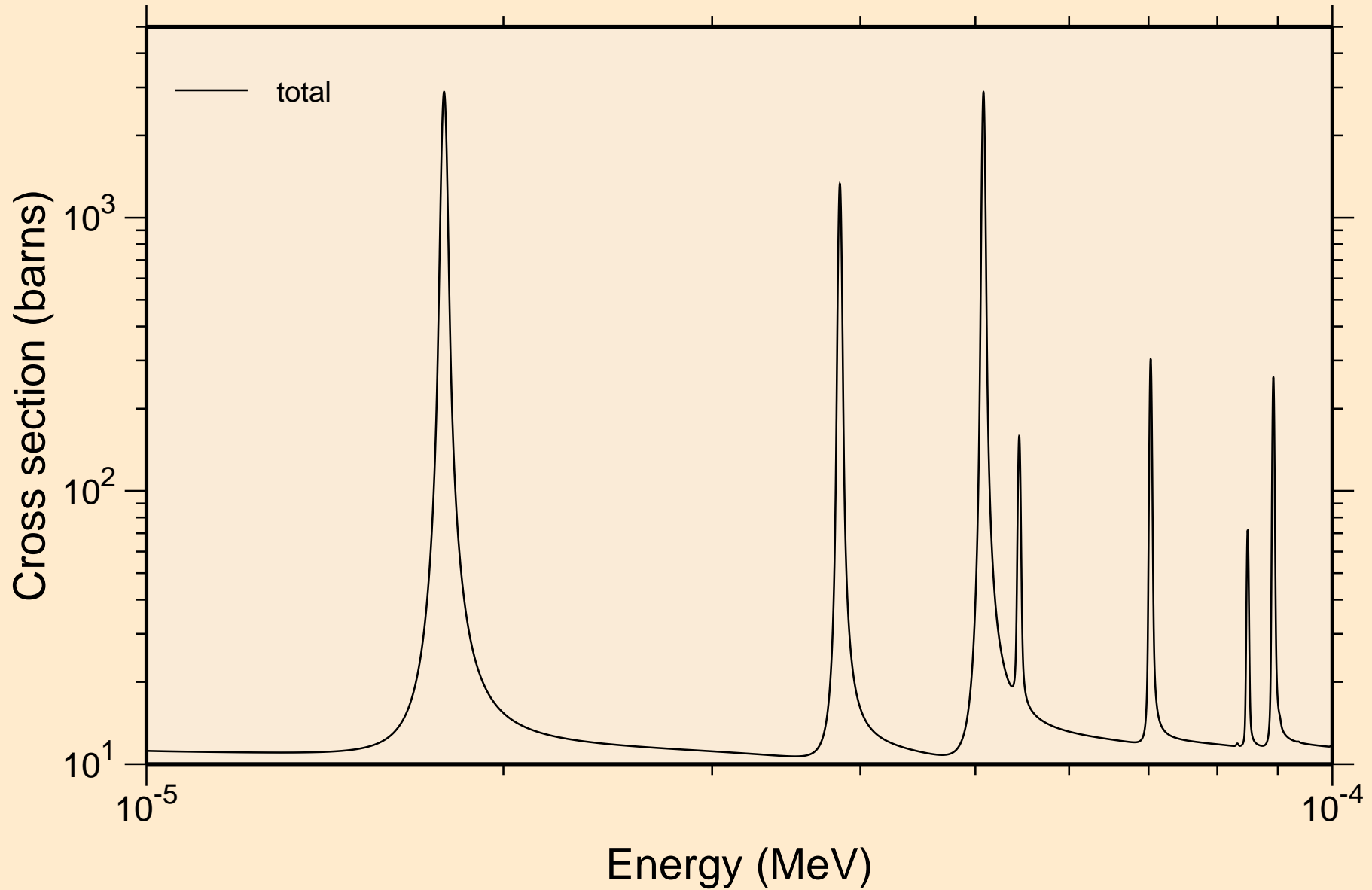
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



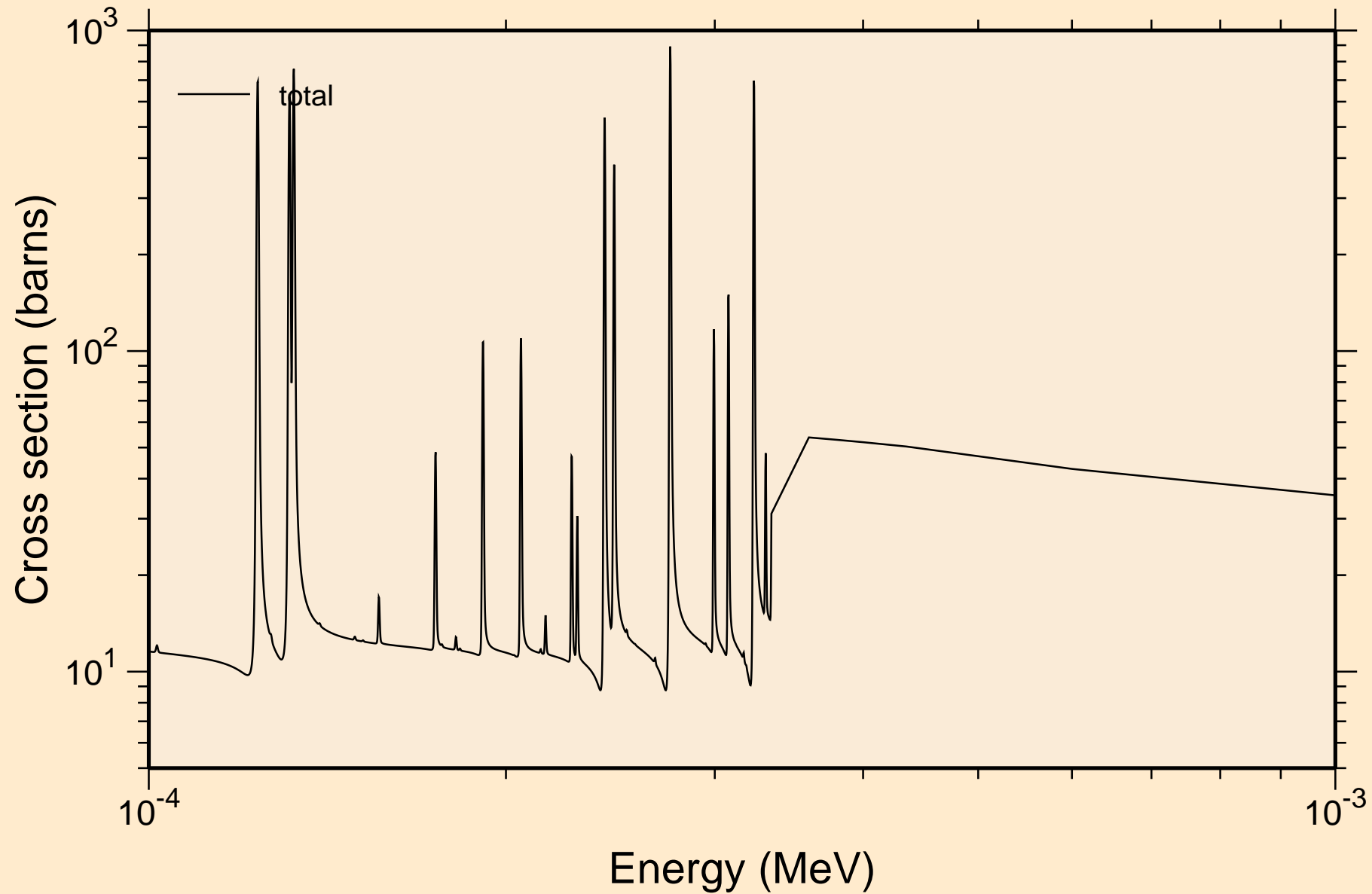
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



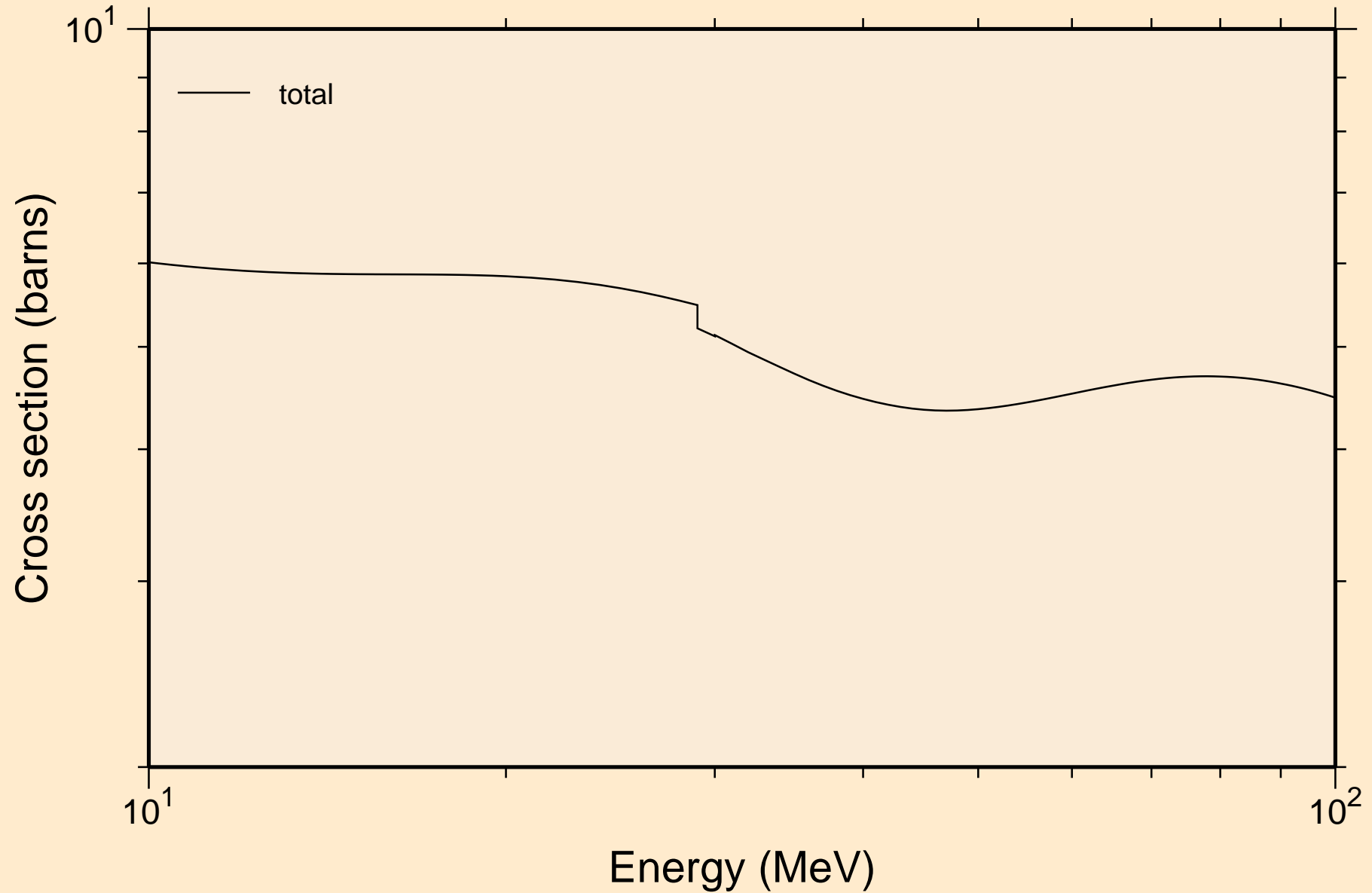
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



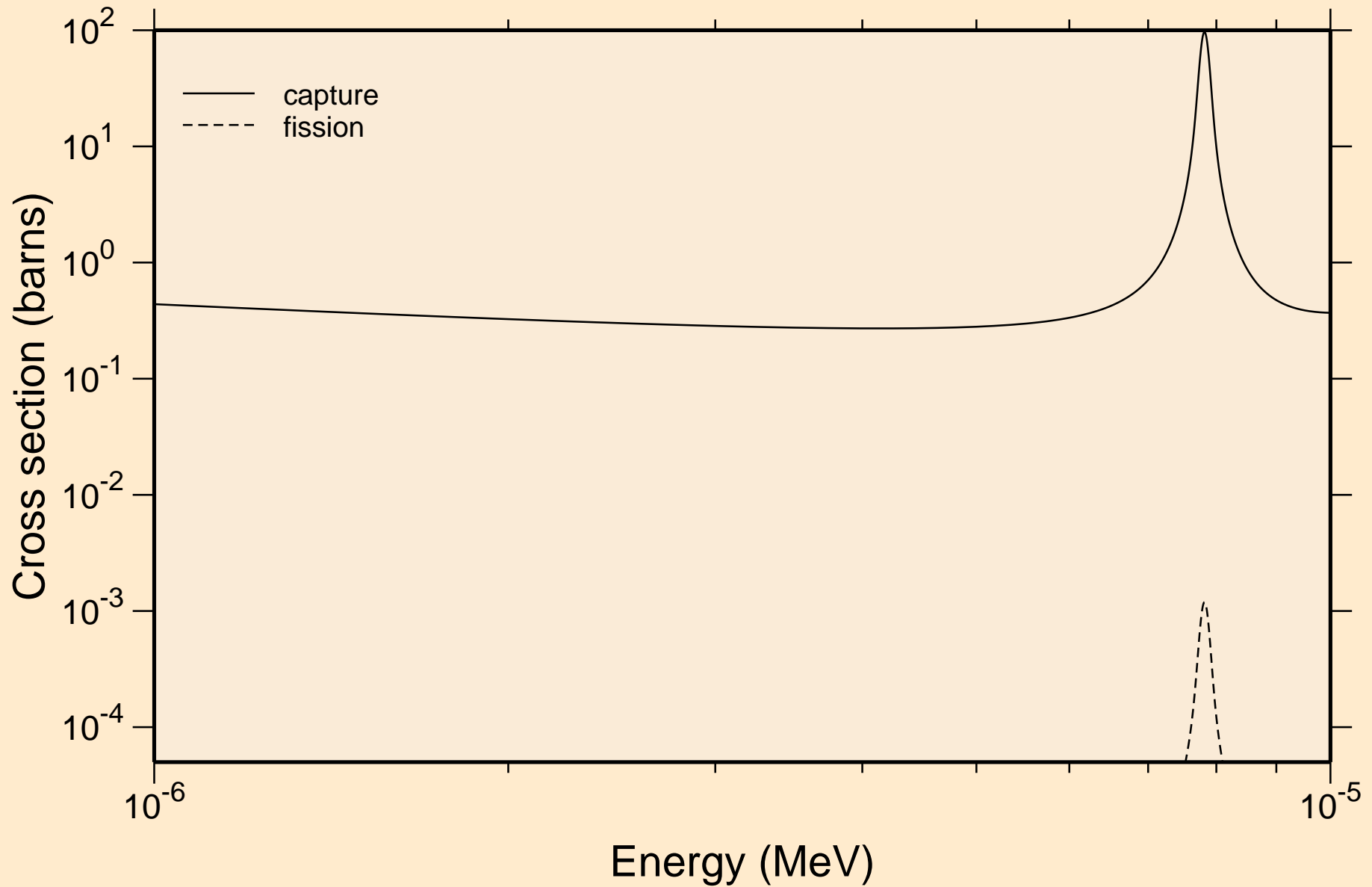
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



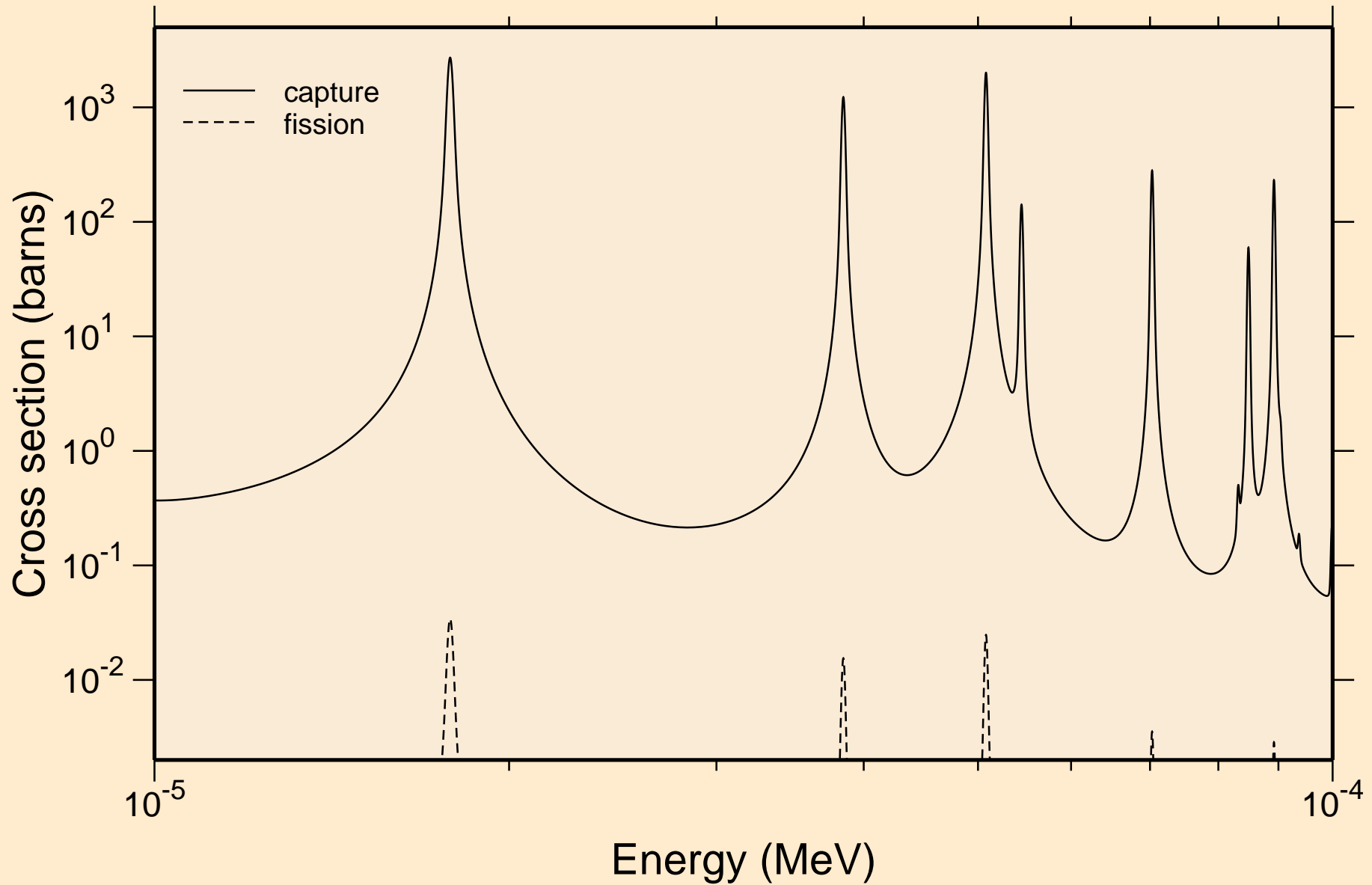
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



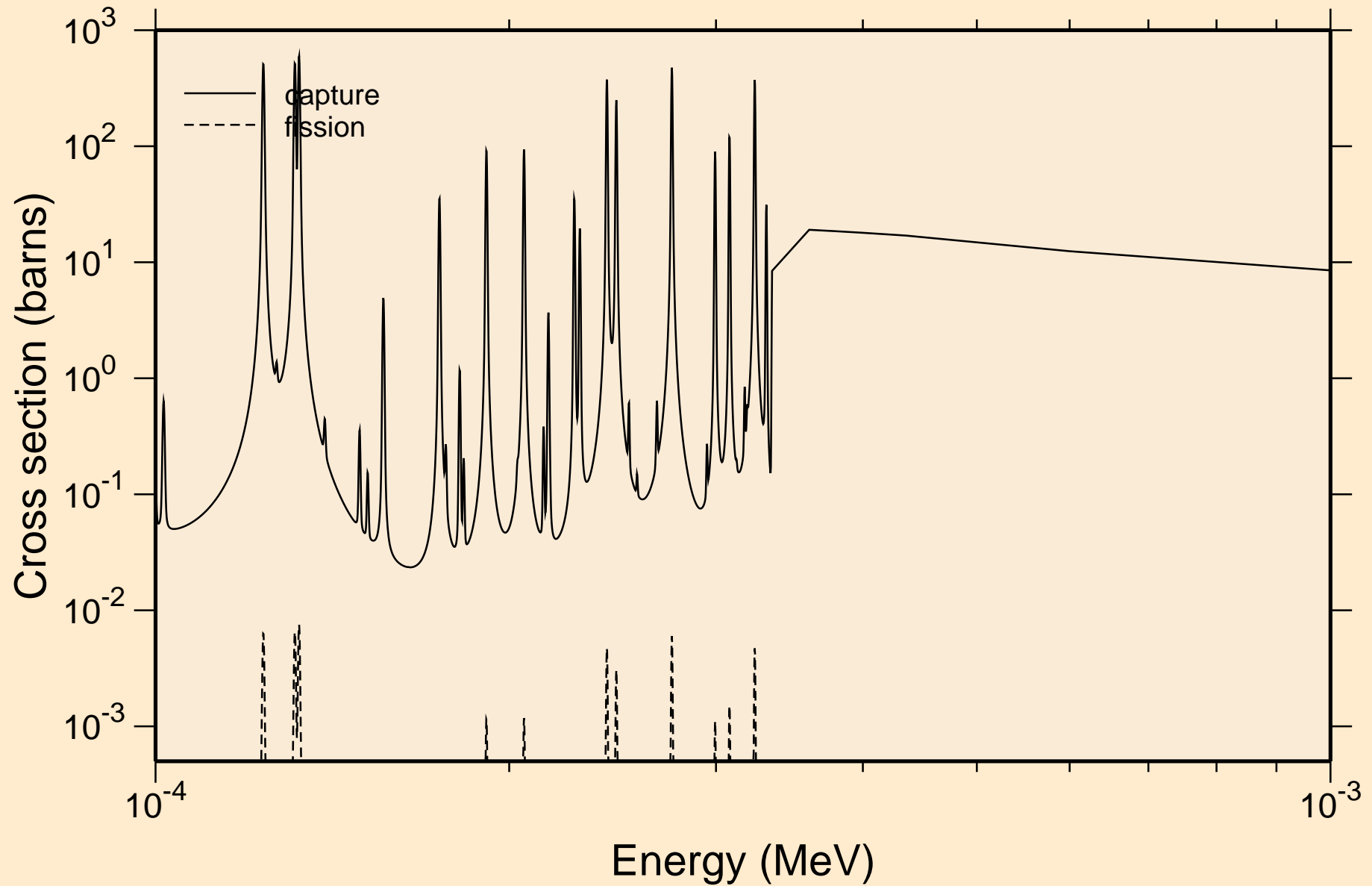
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

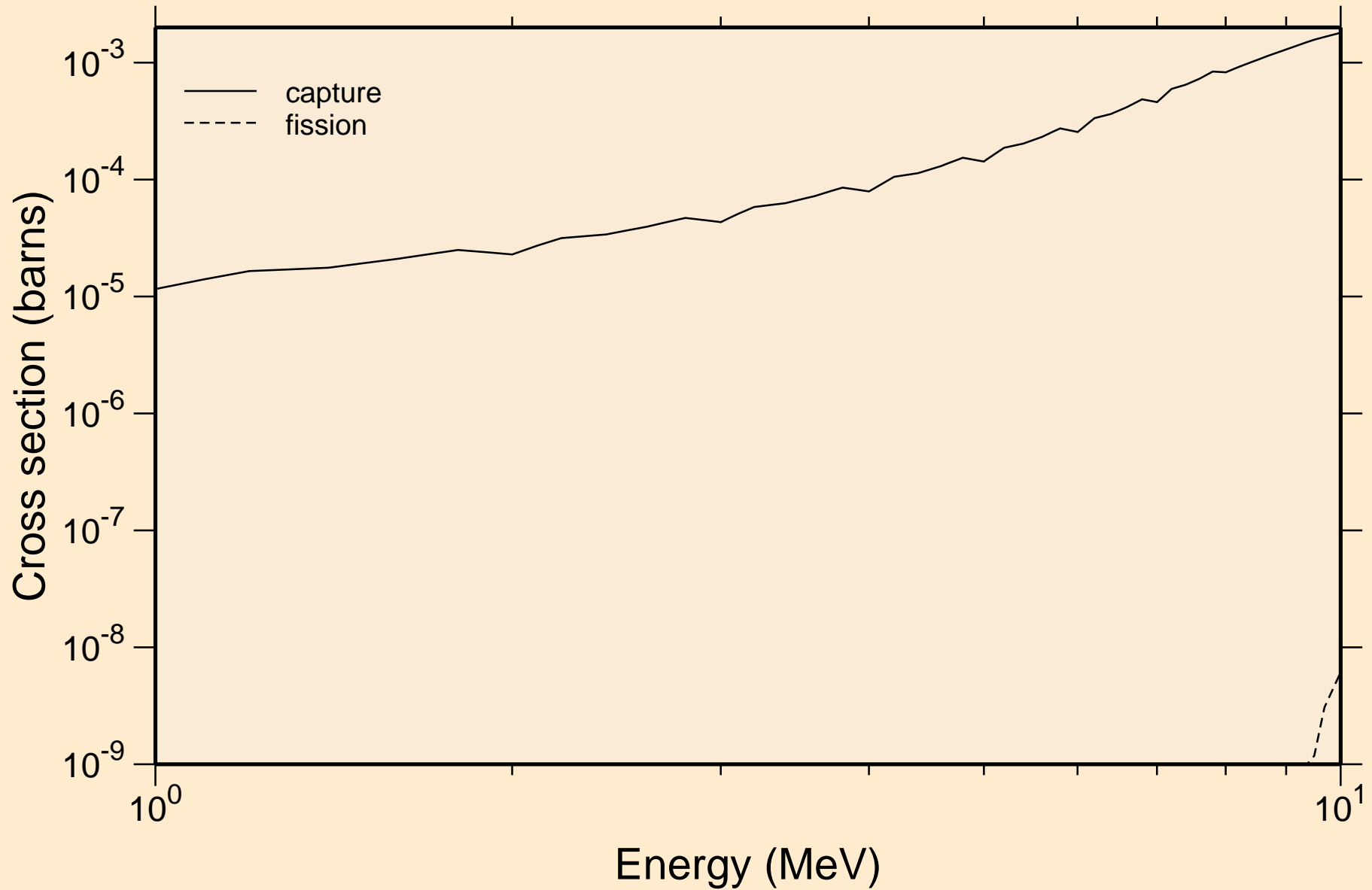


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

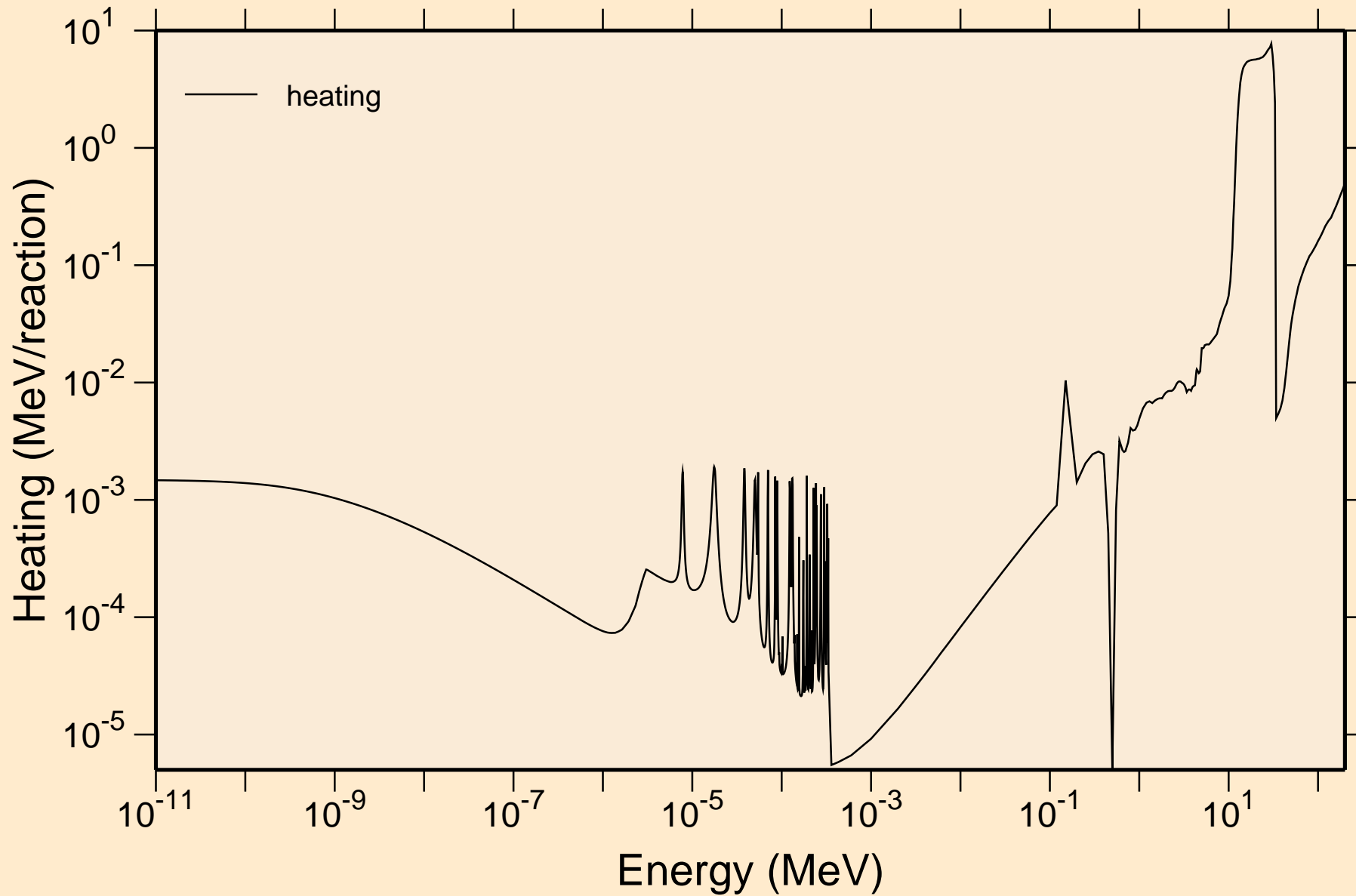




AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

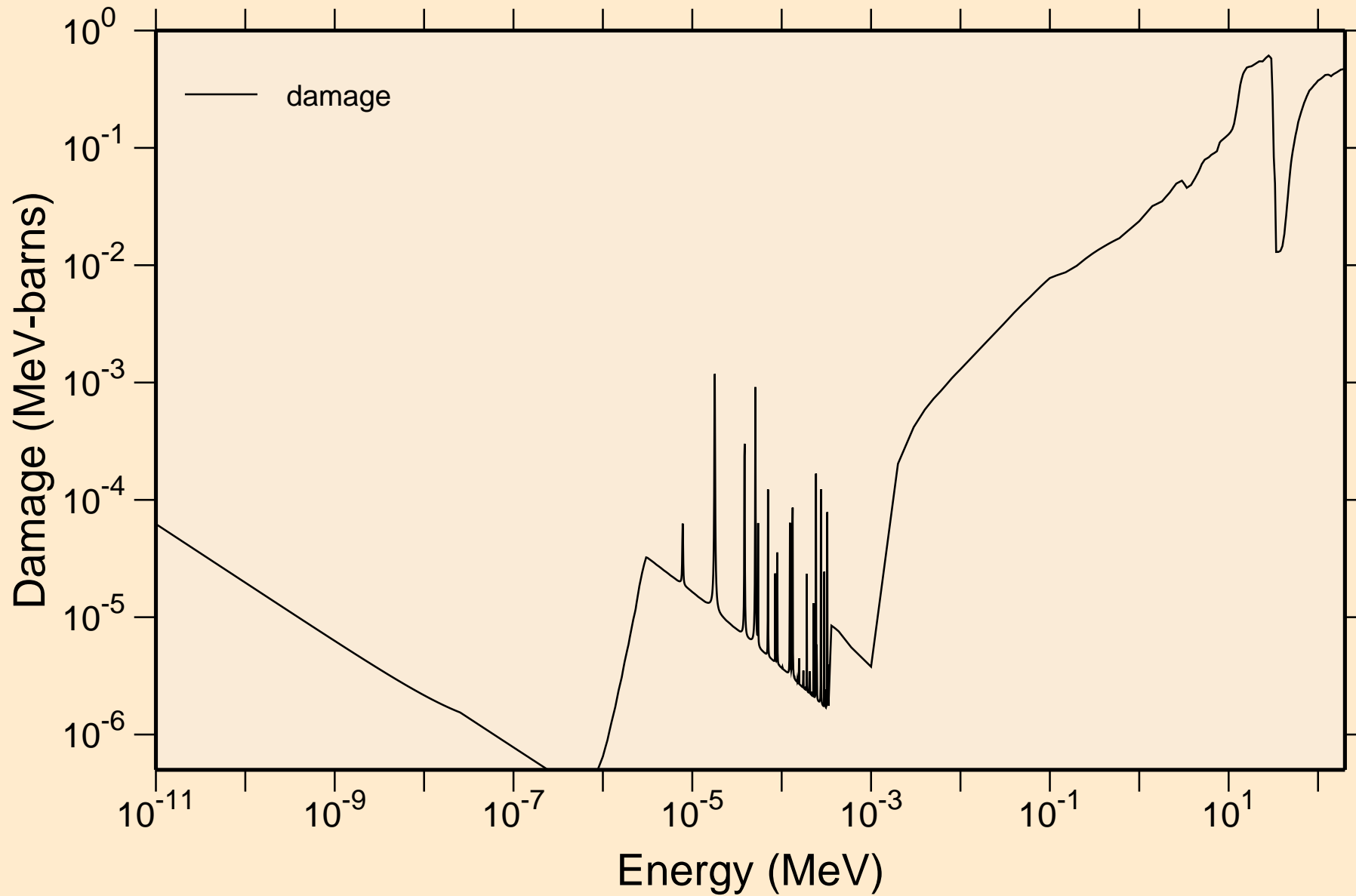


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

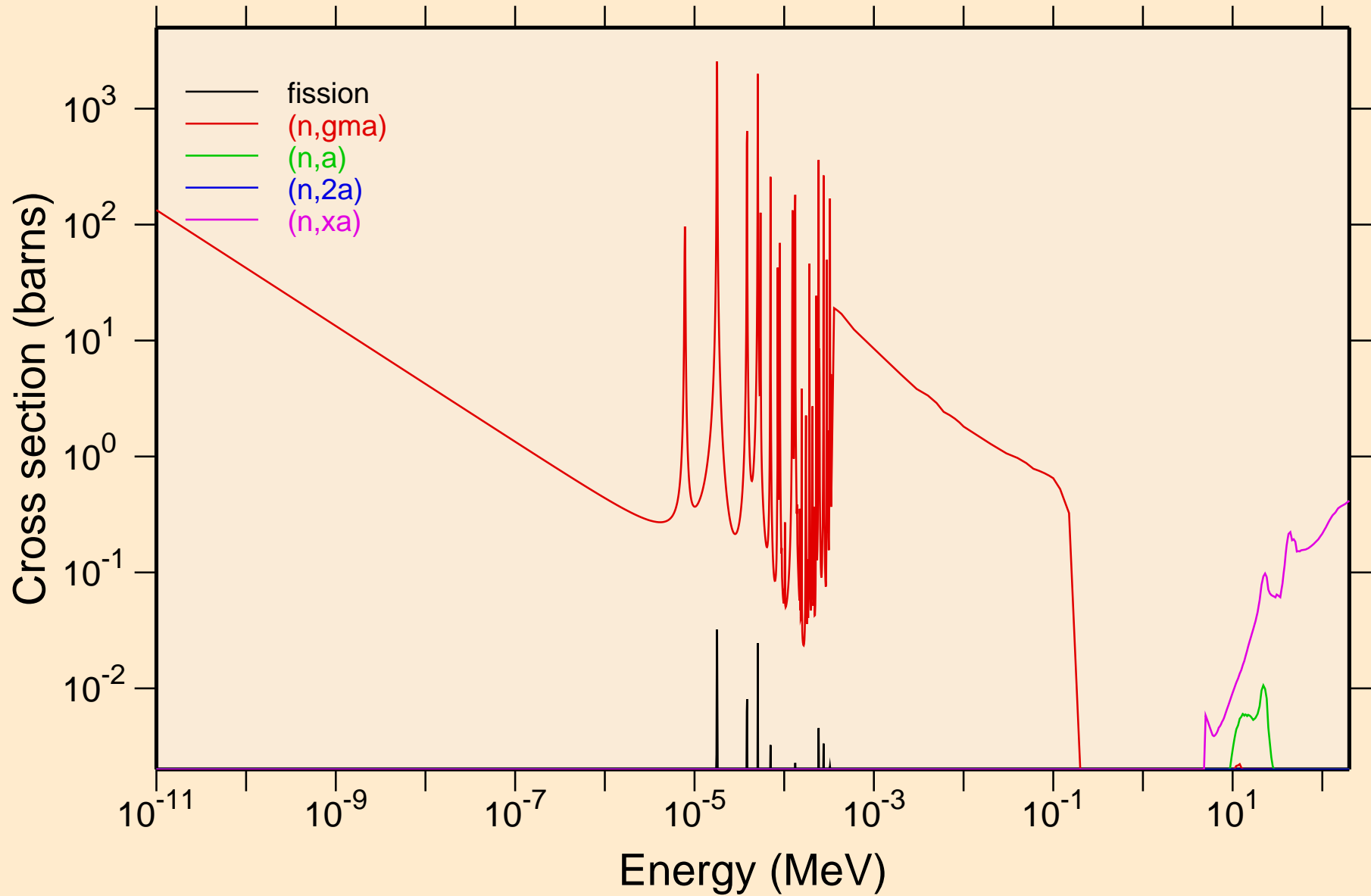


# AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

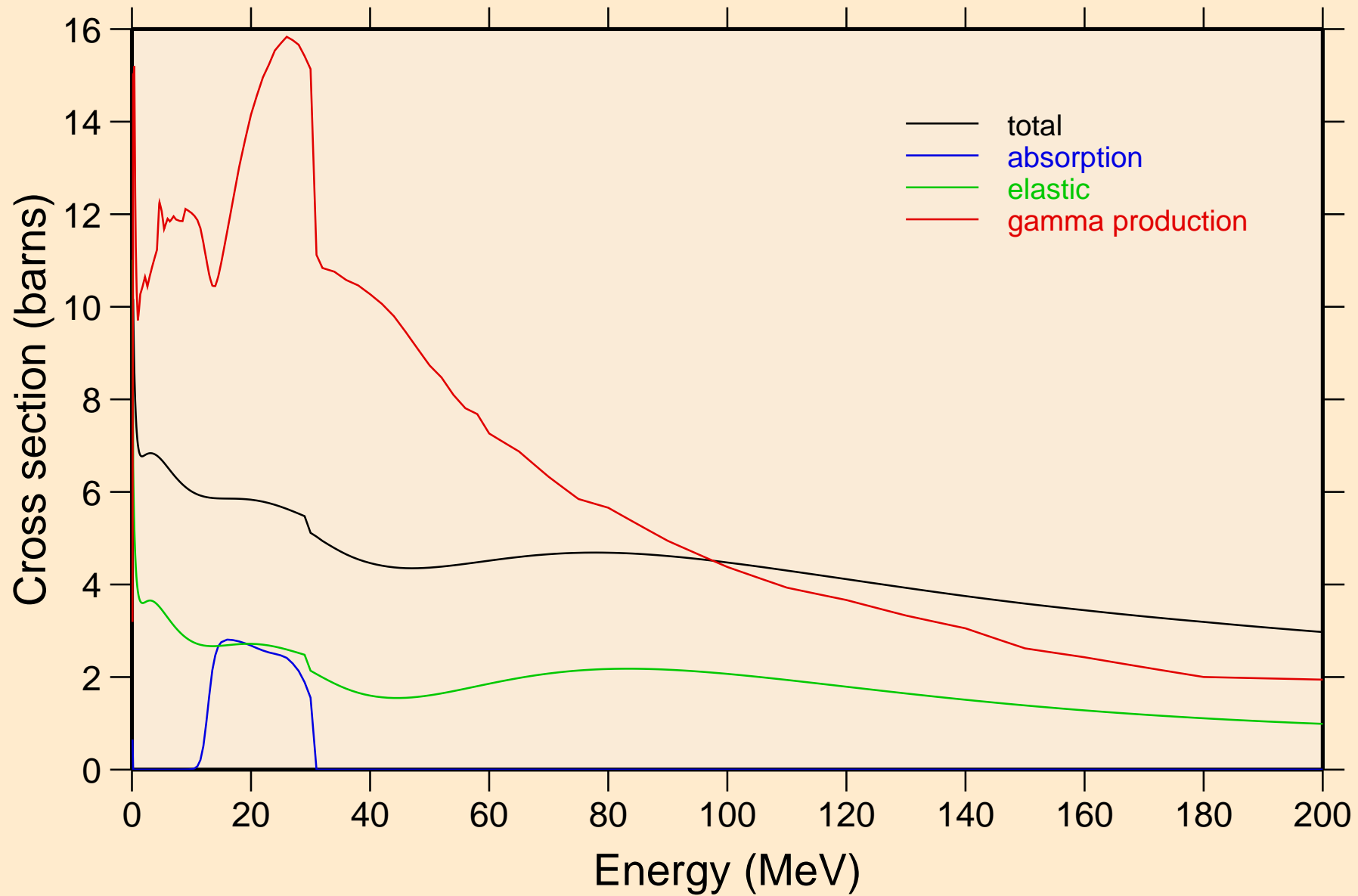
## Damage



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

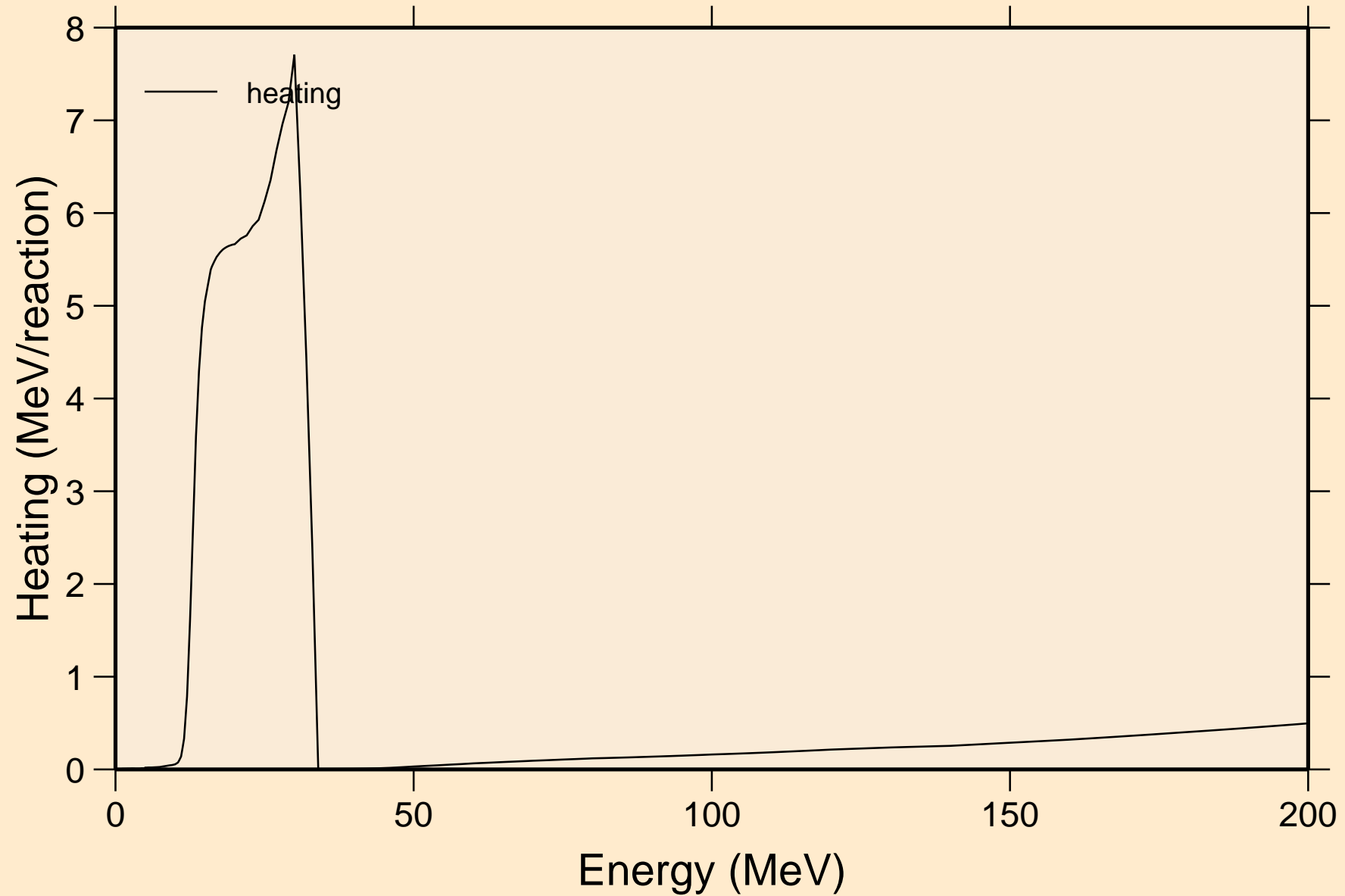


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

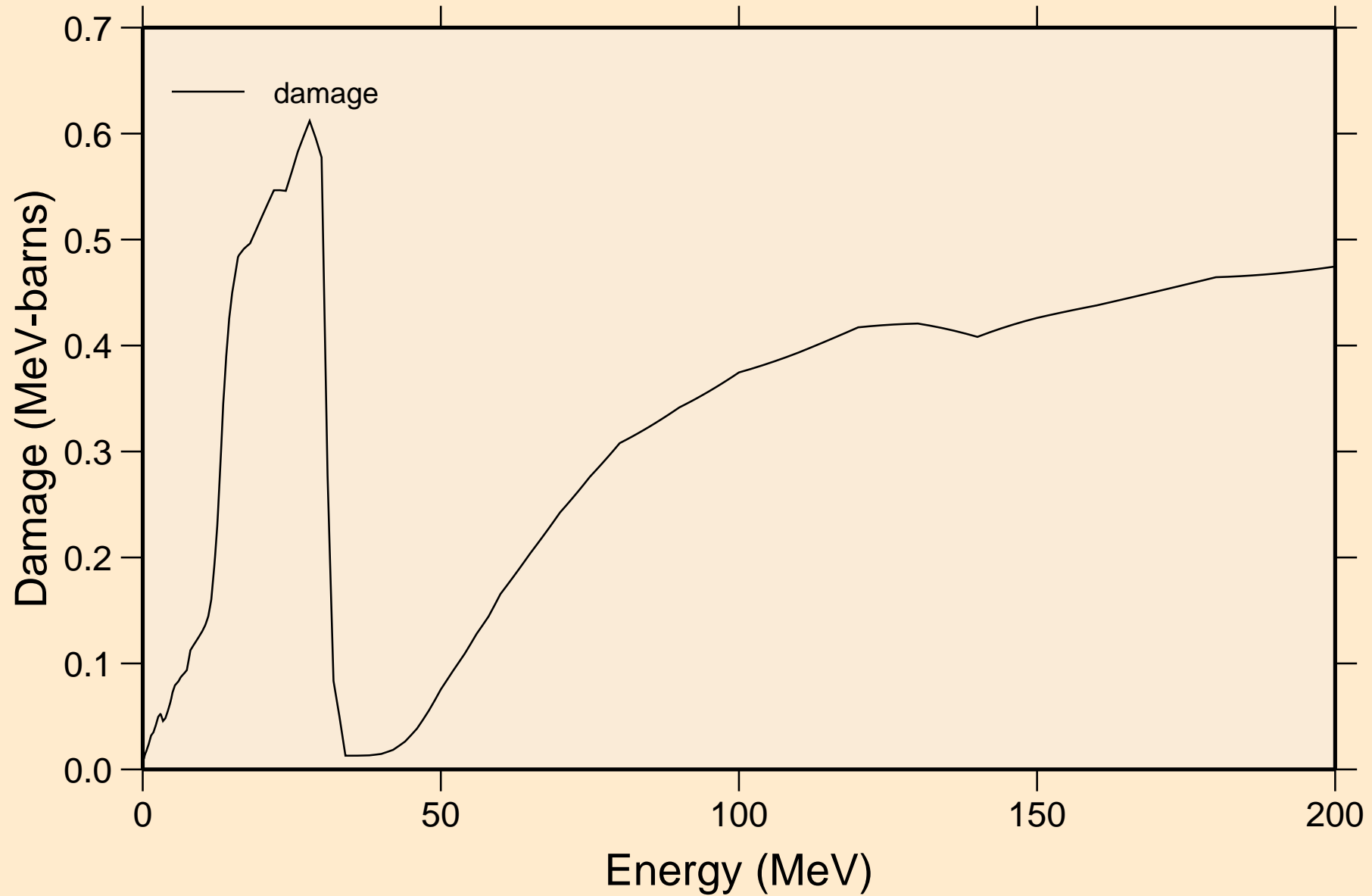


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

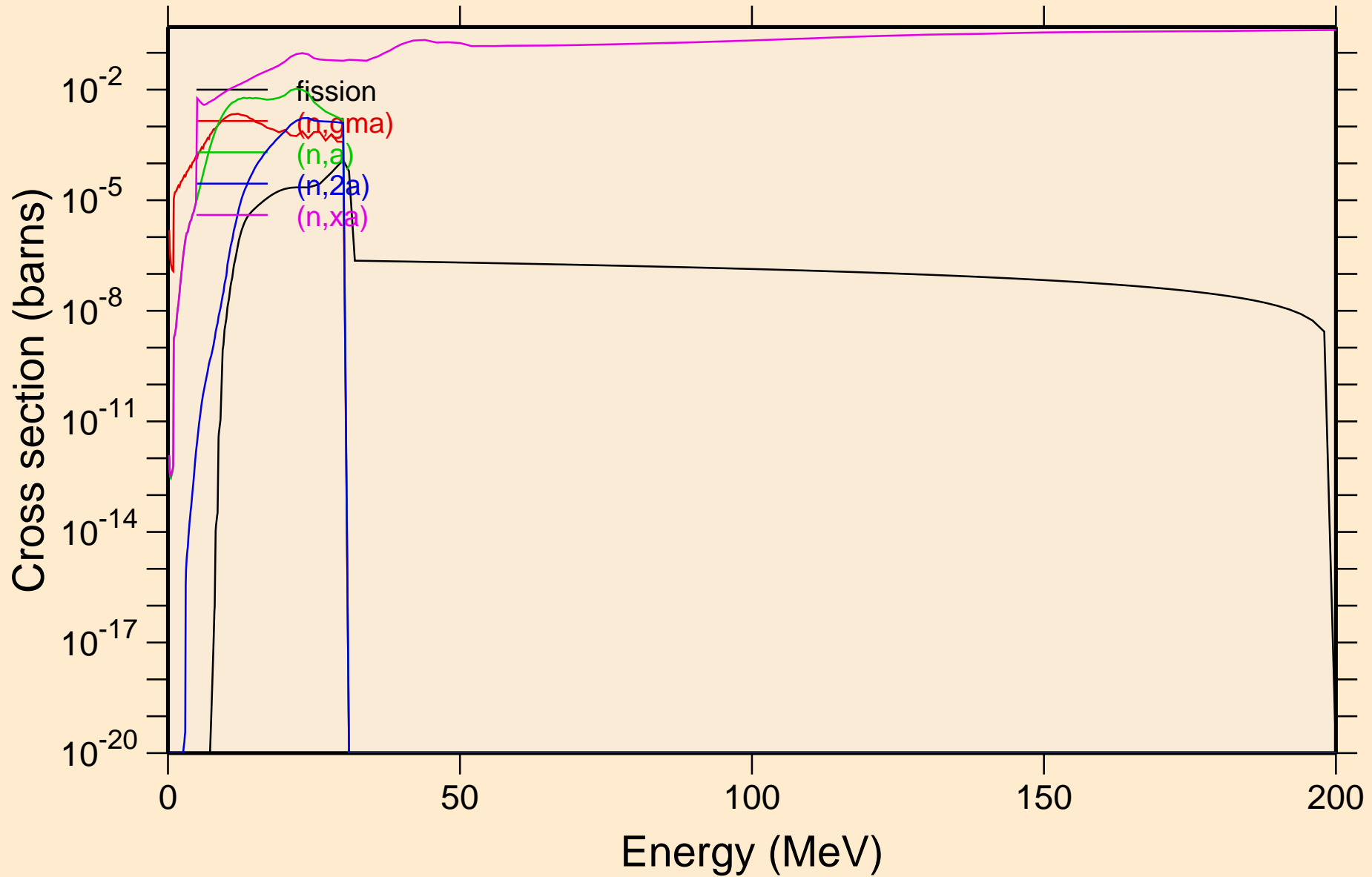
Heating



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

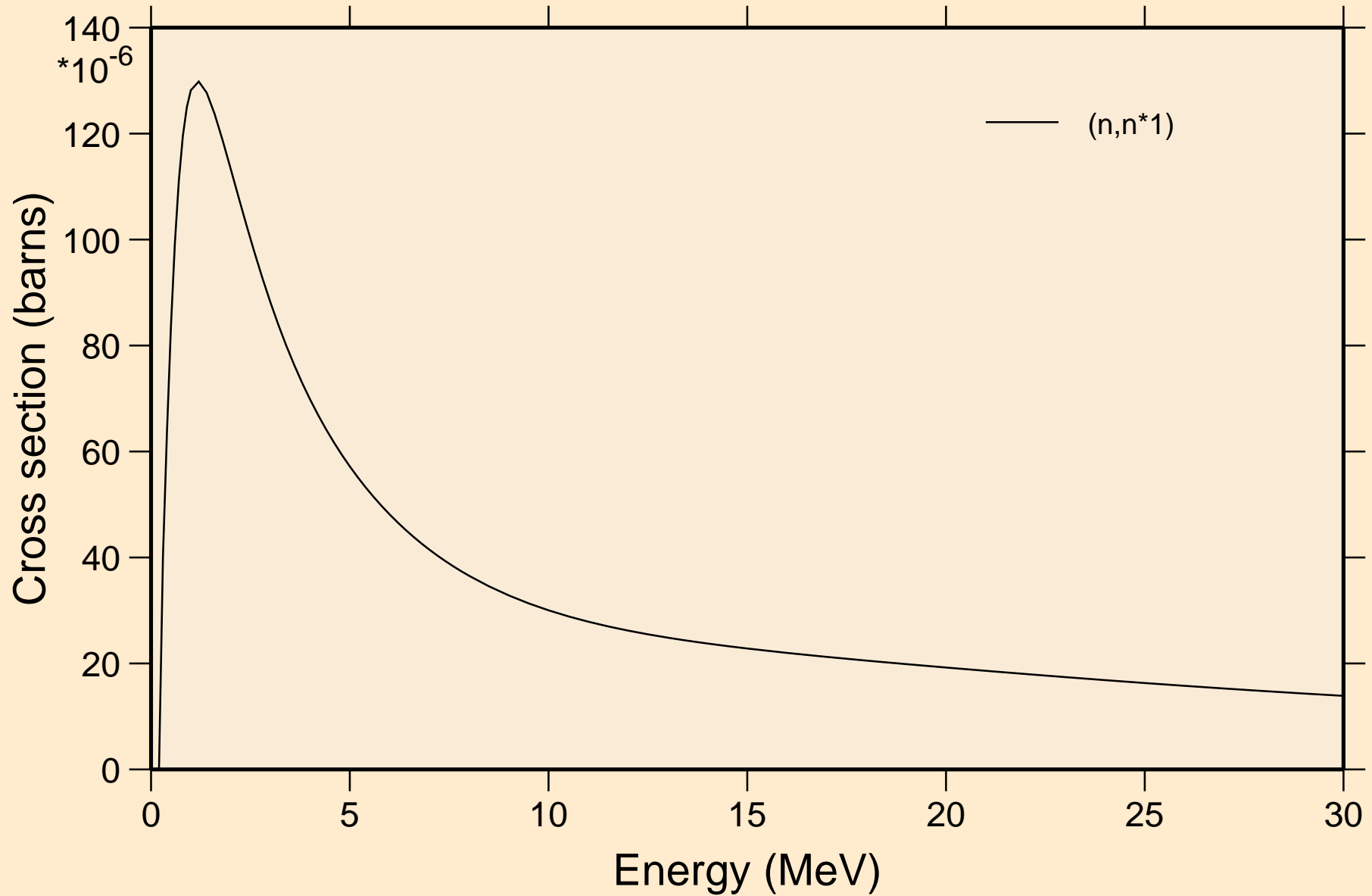


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

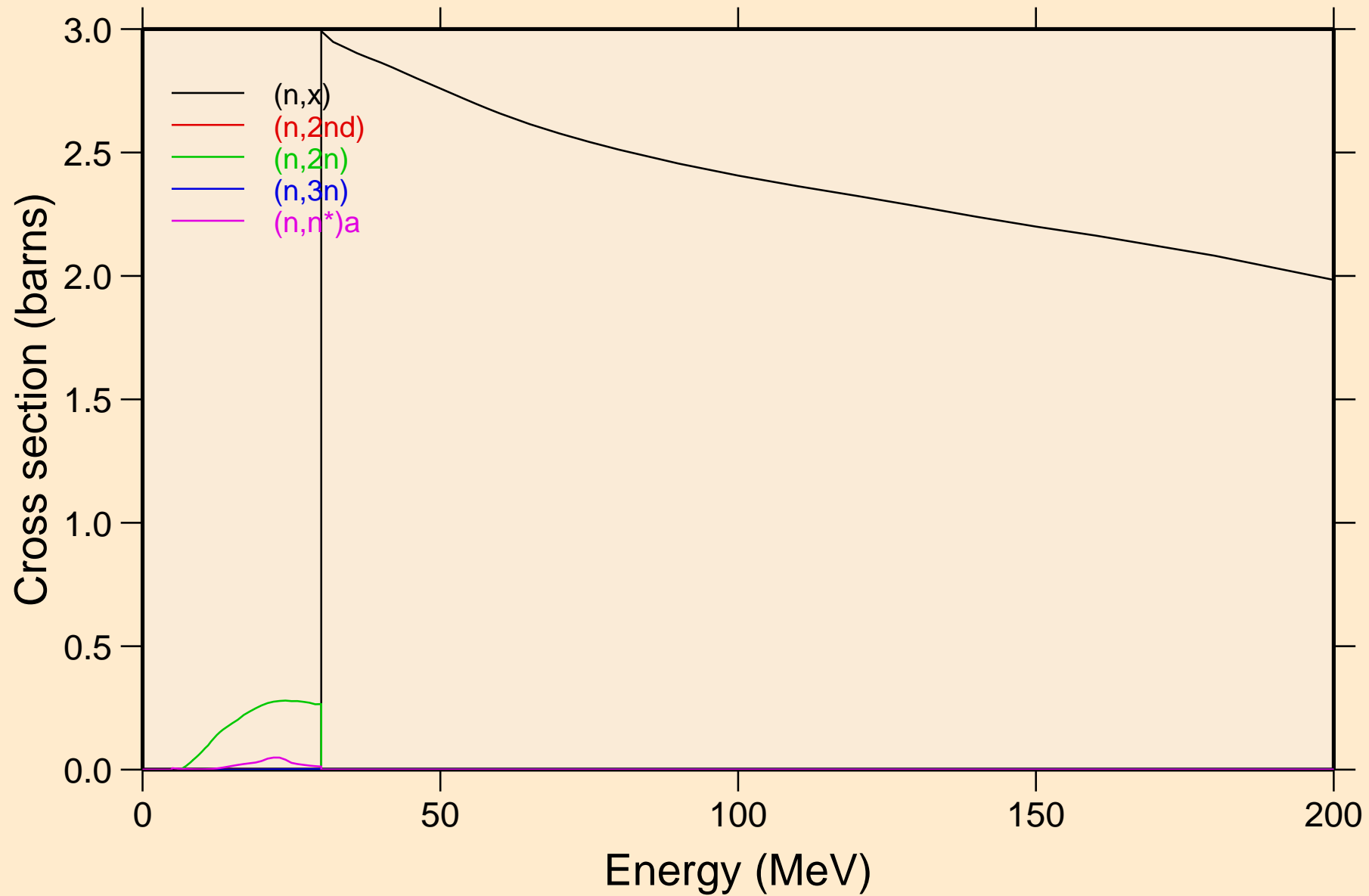




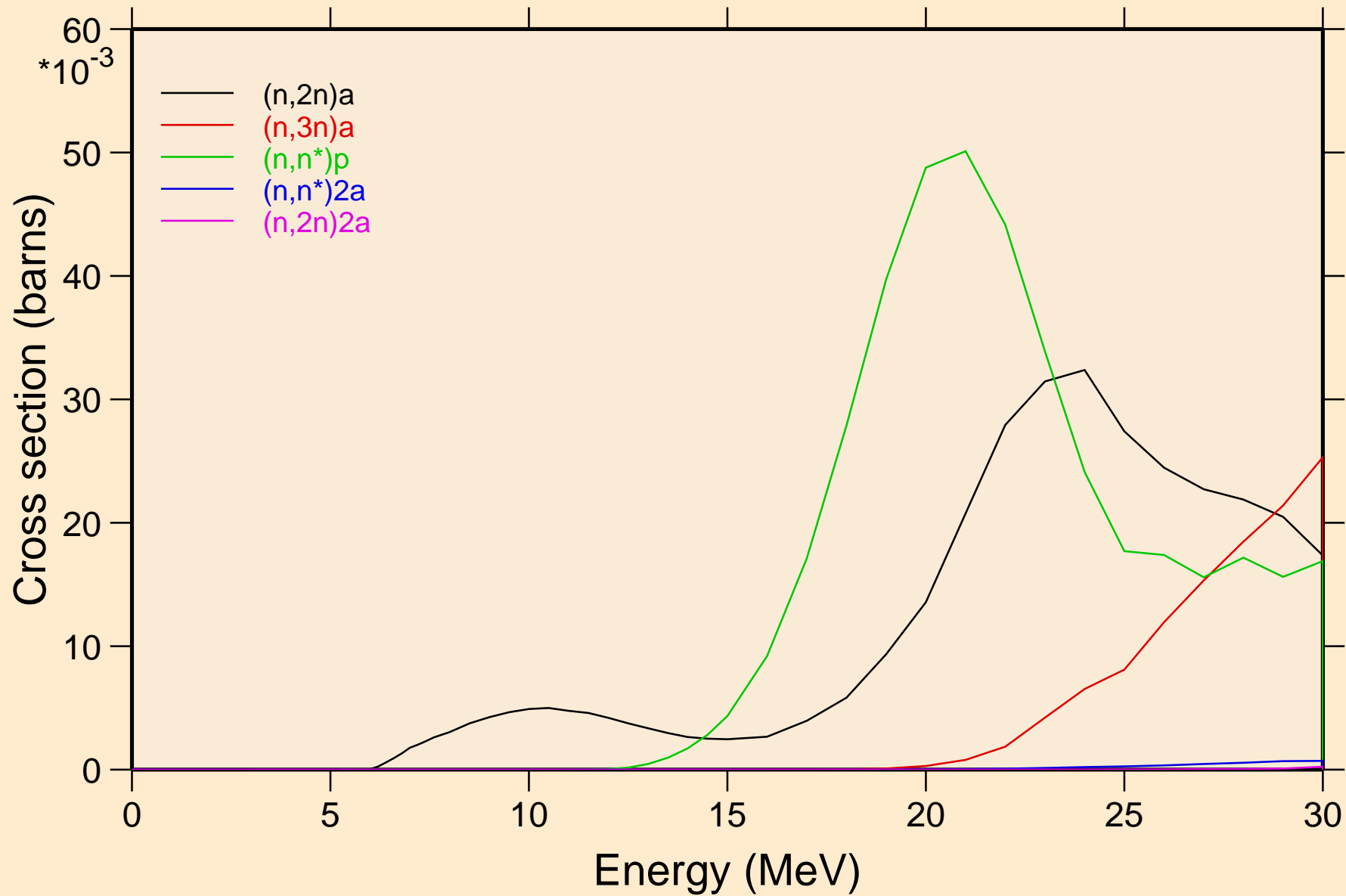
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



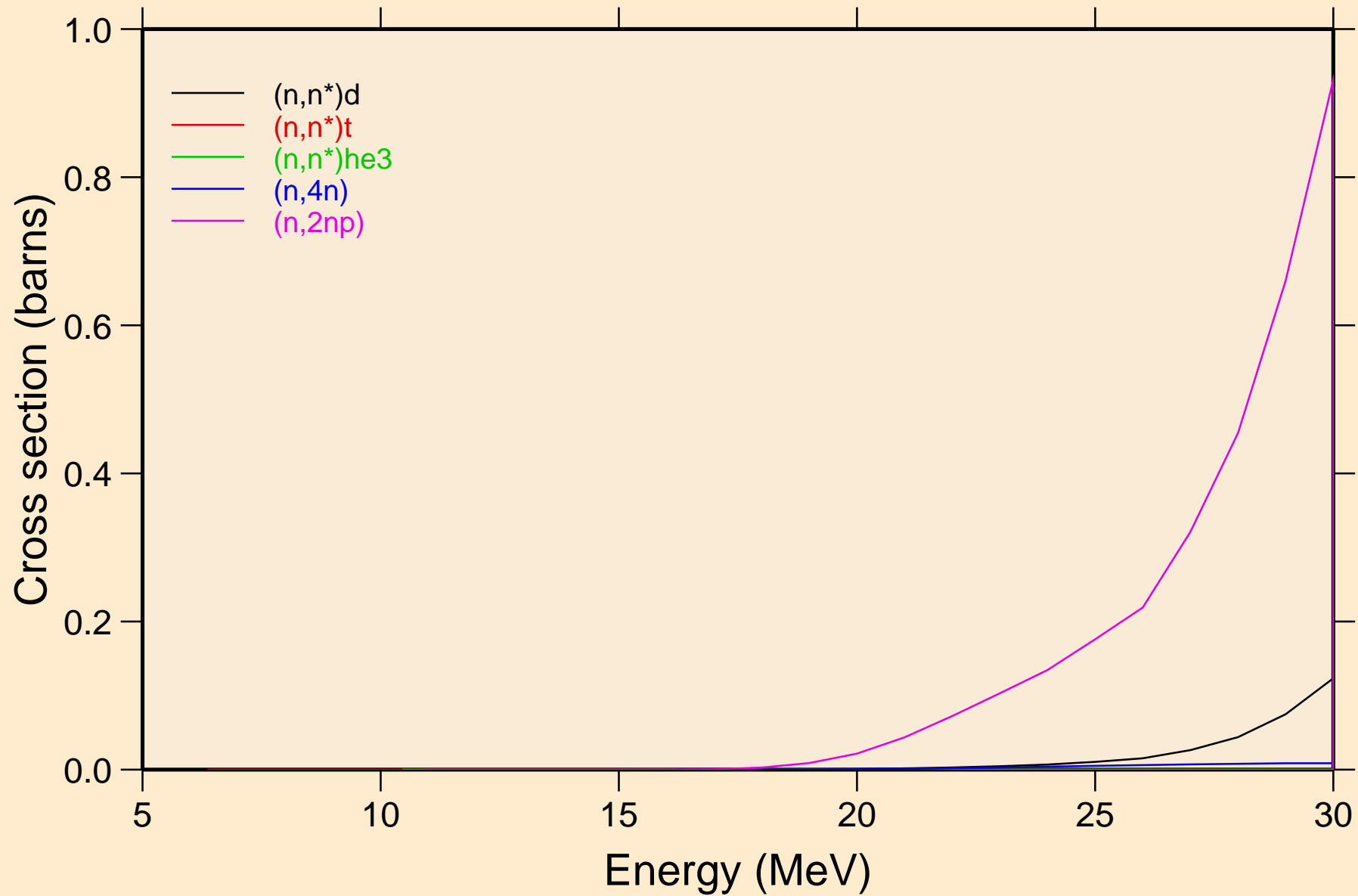
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



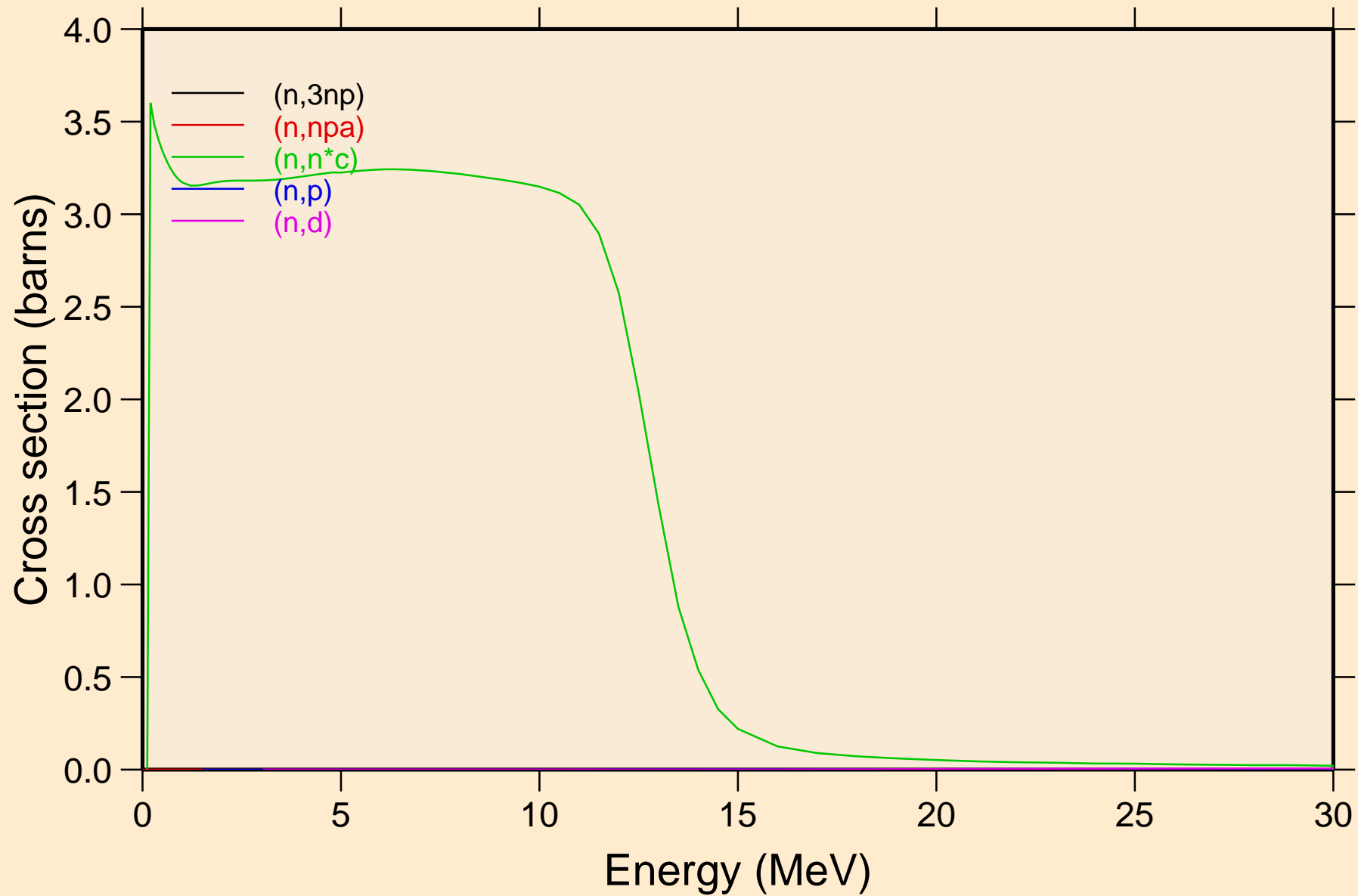
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



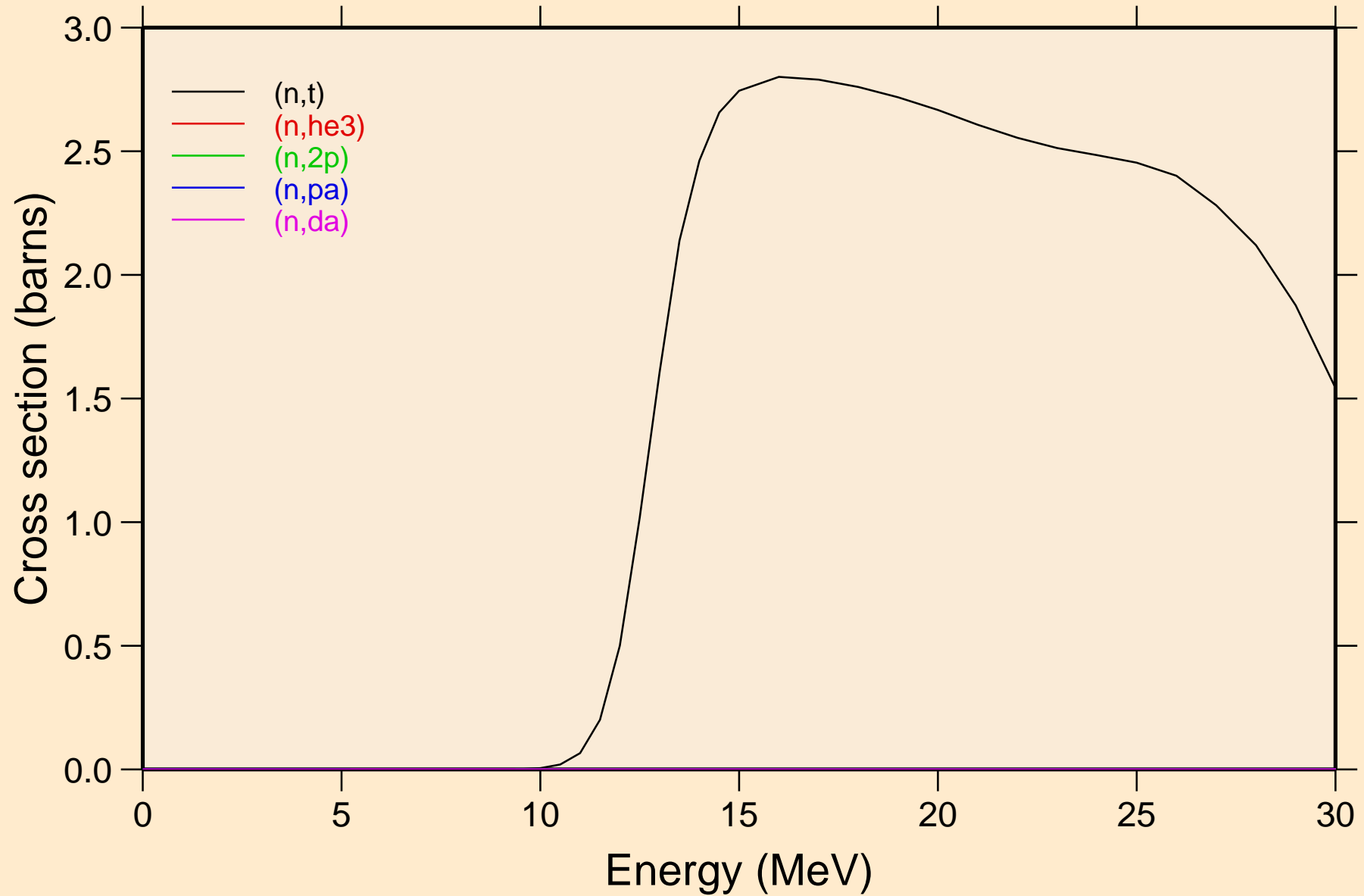
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

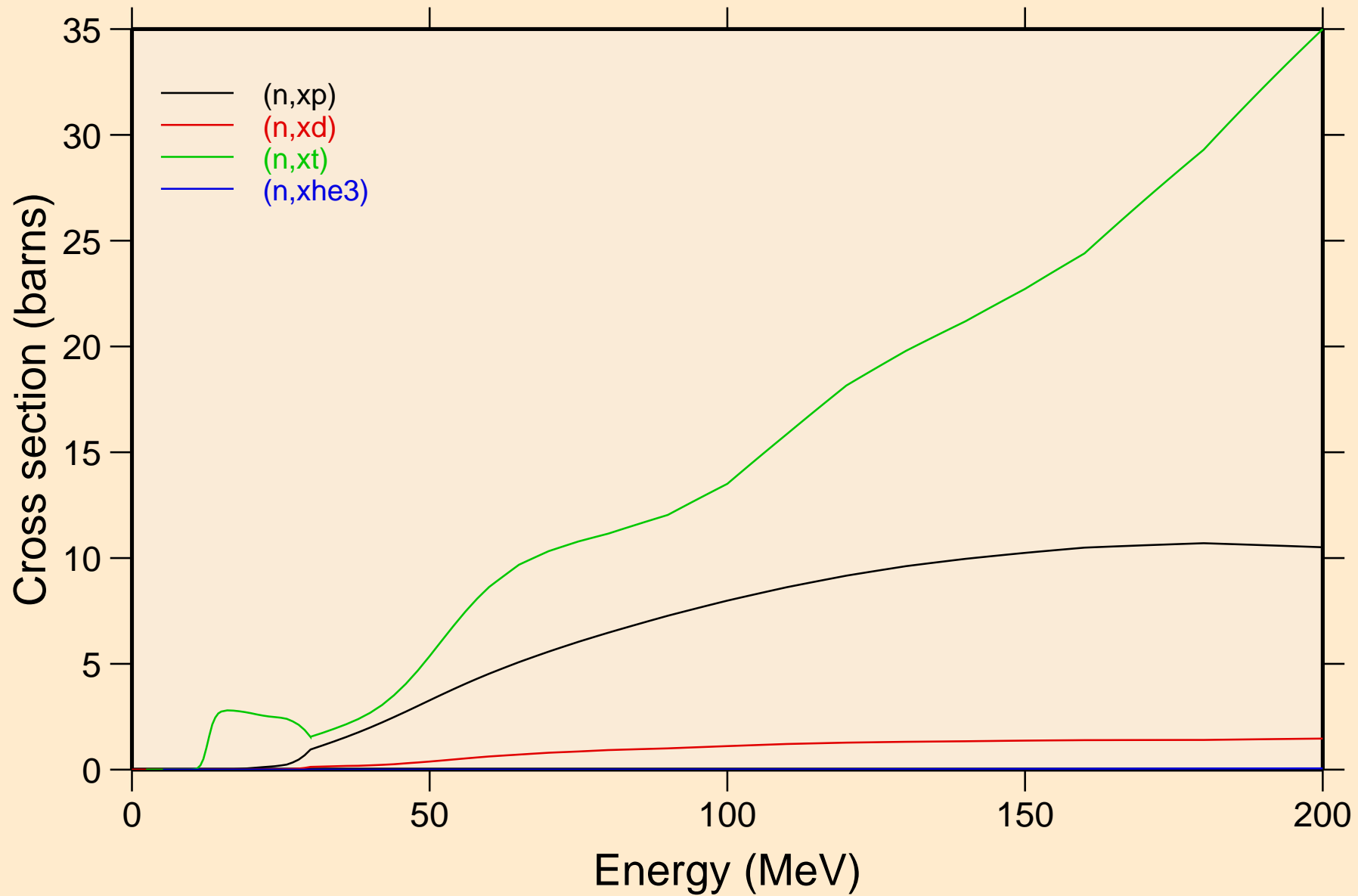


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

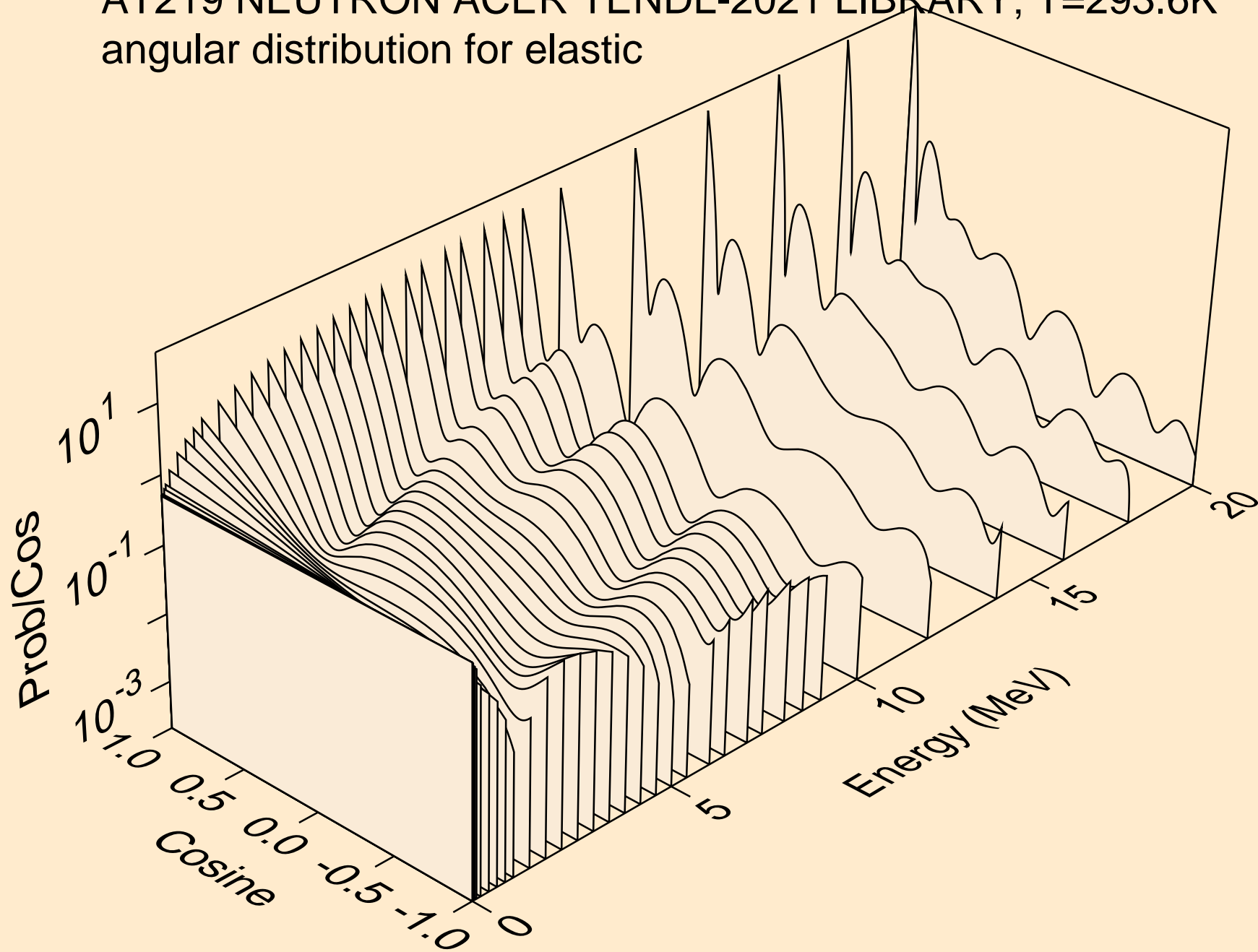


# AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

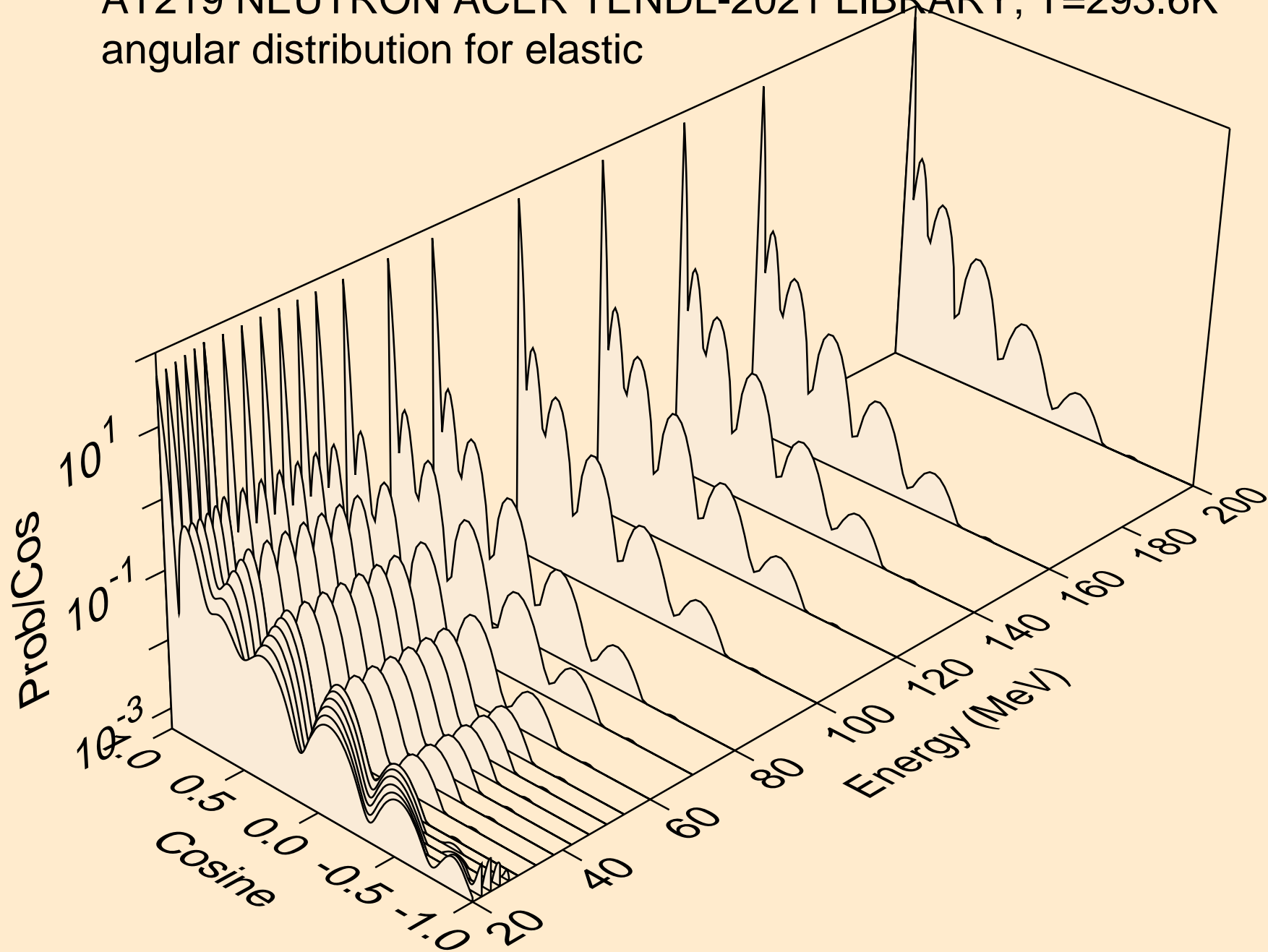


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

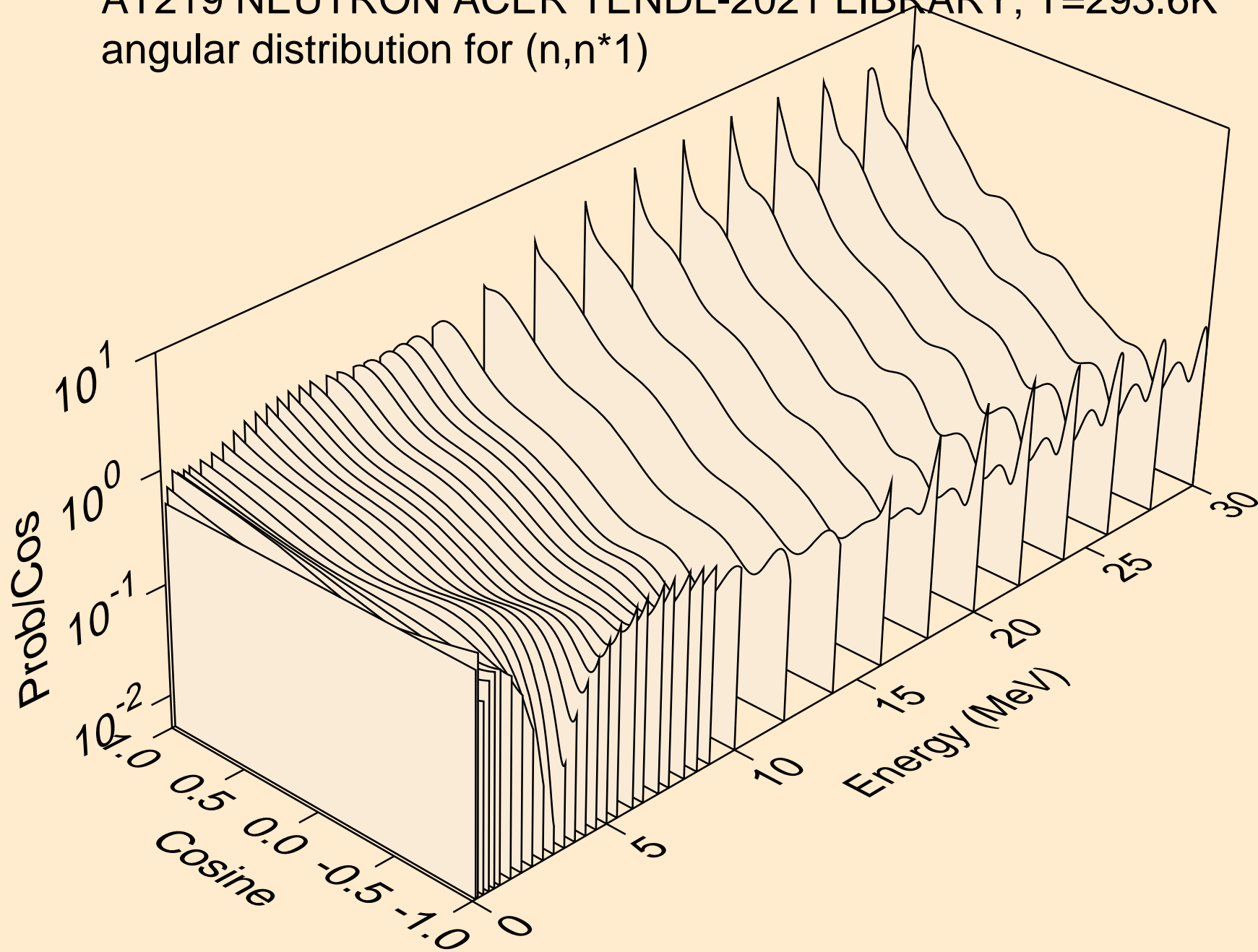




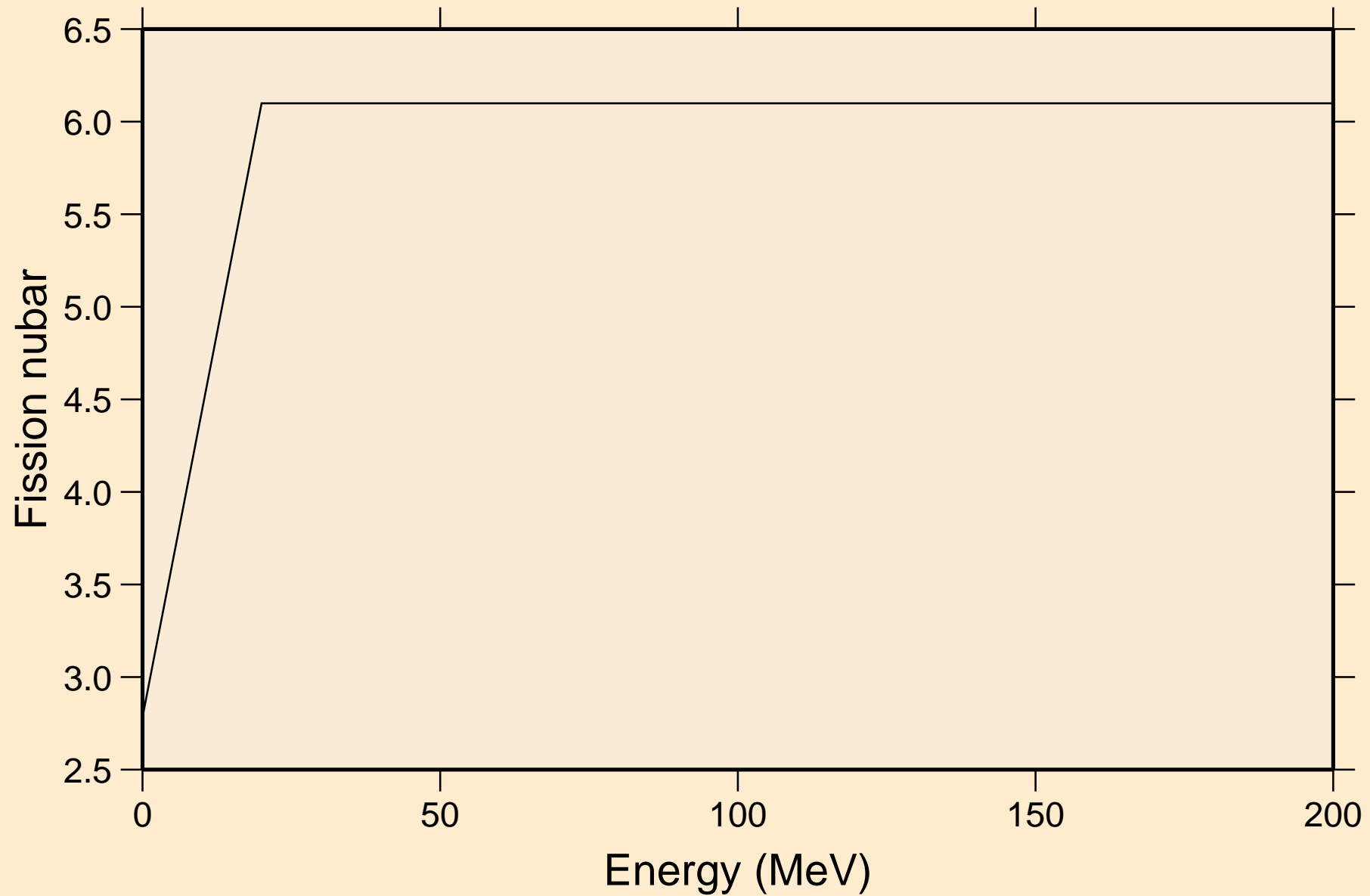
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



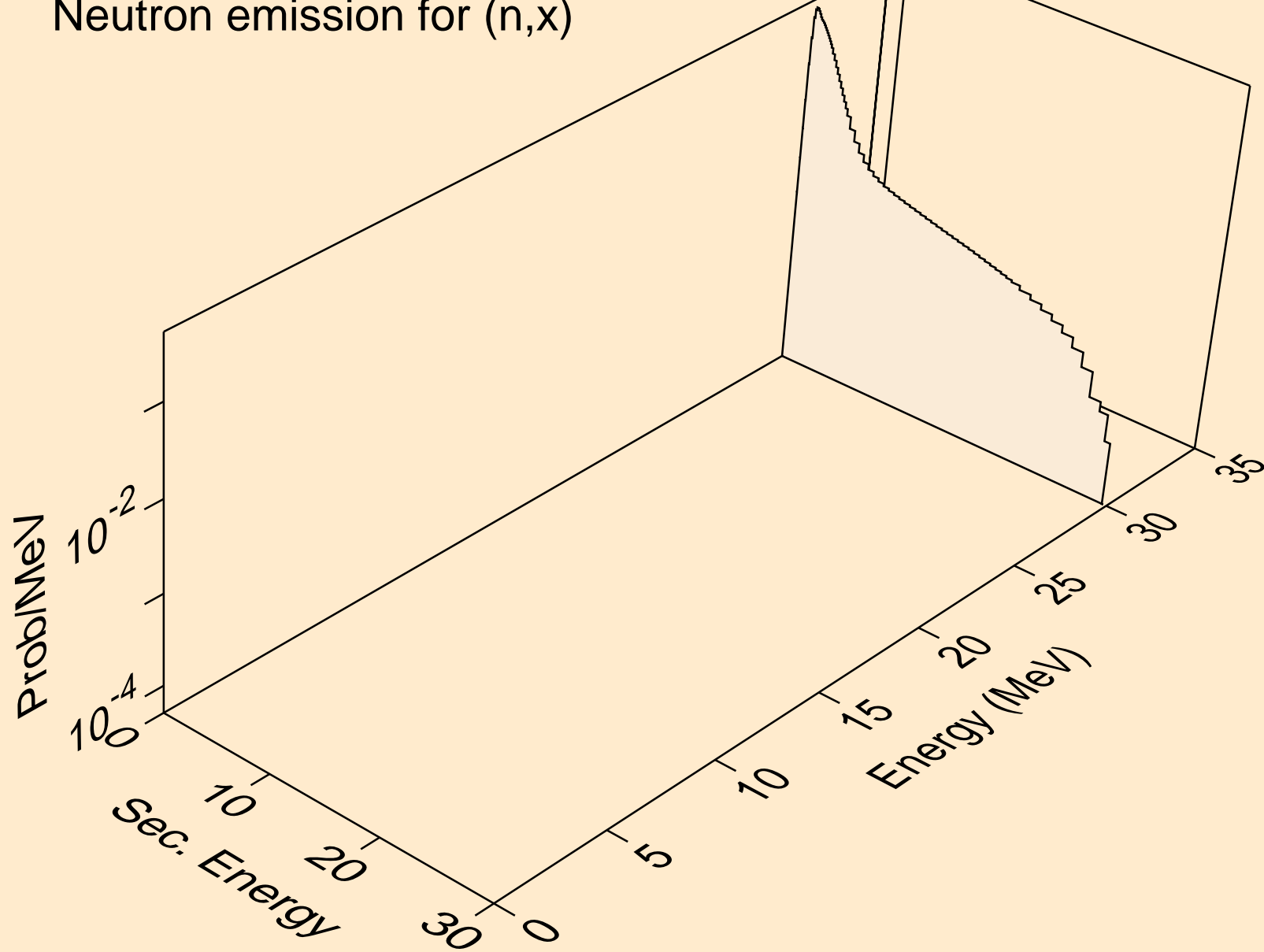
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



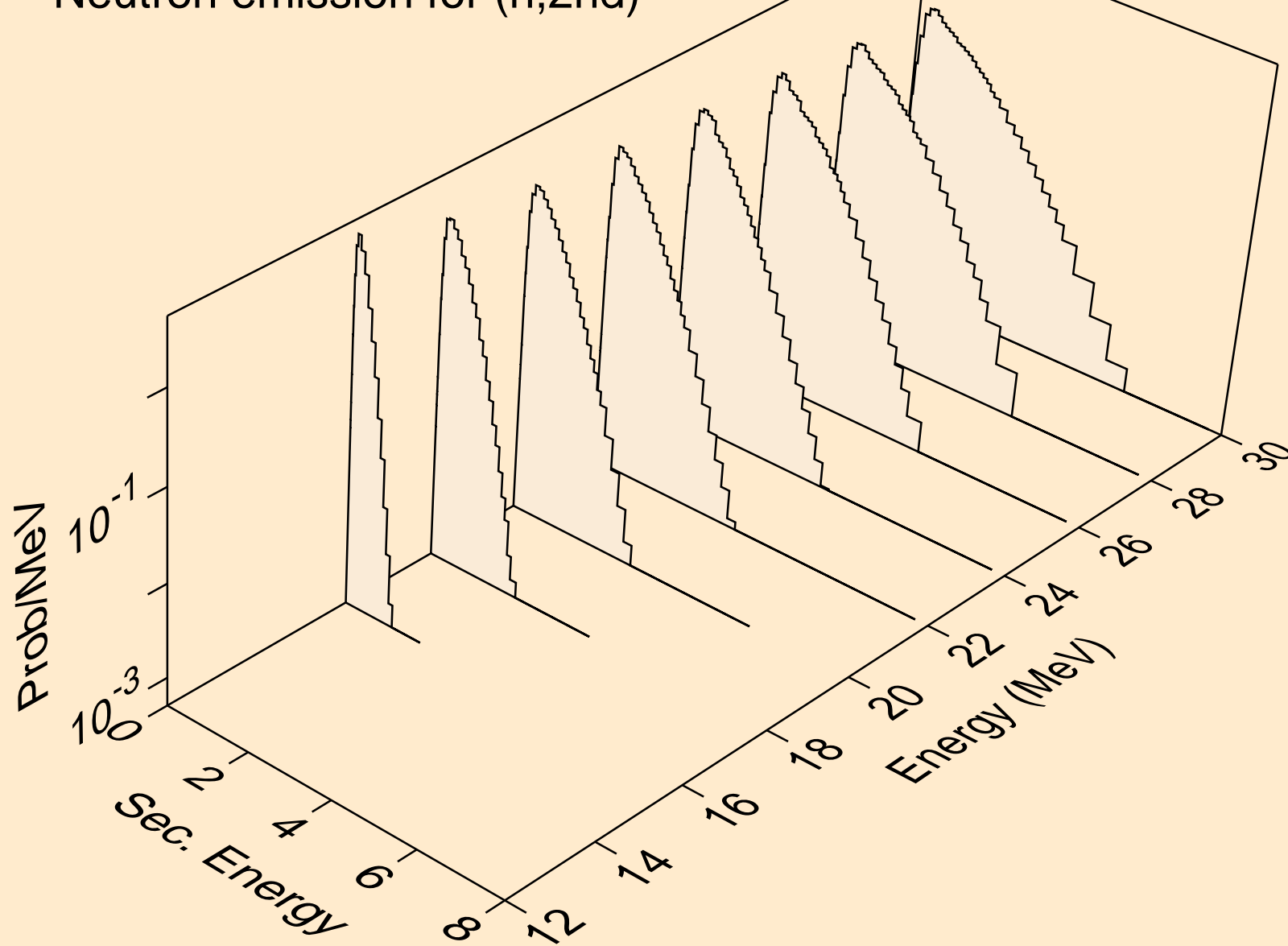
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



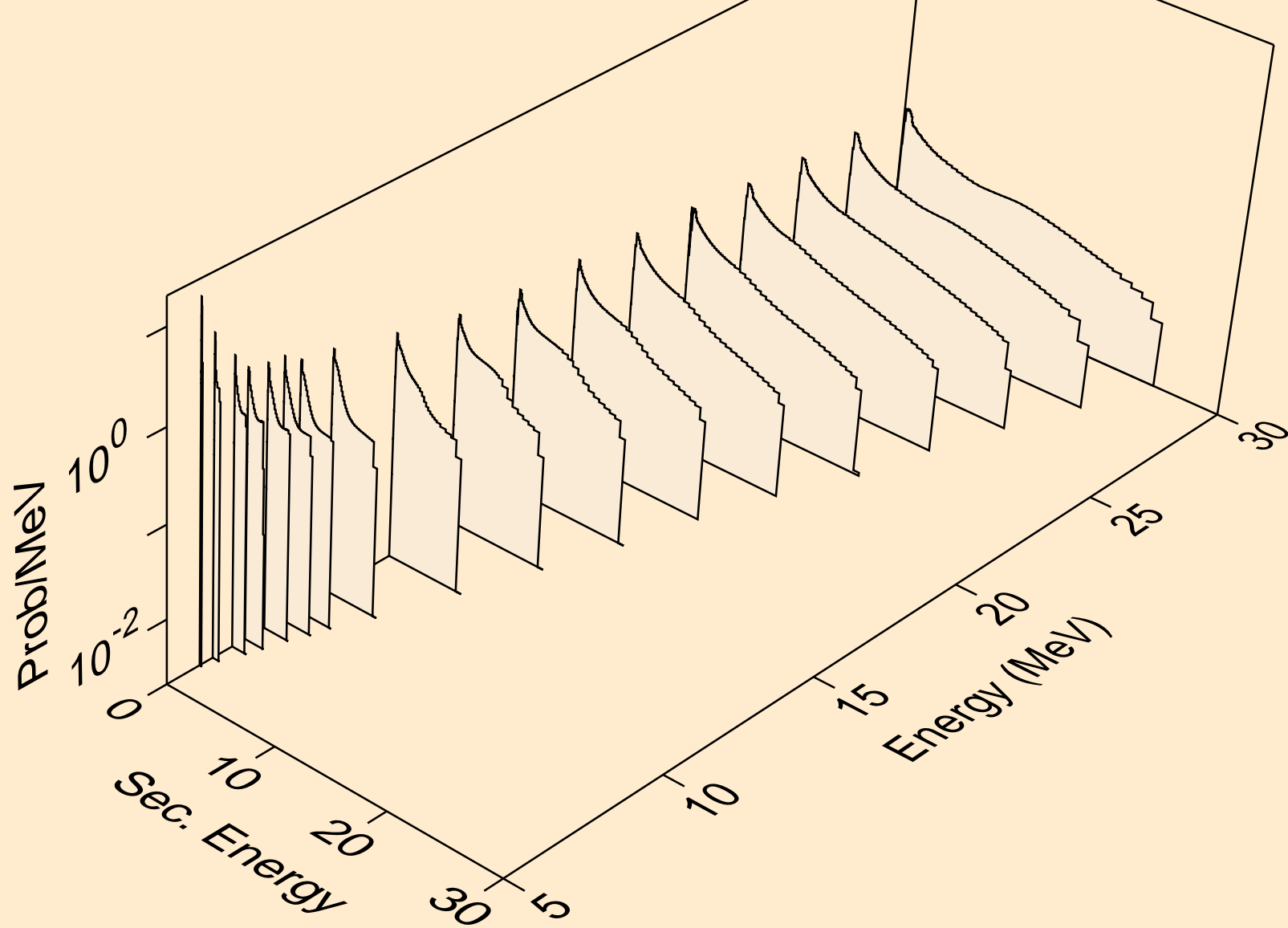
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



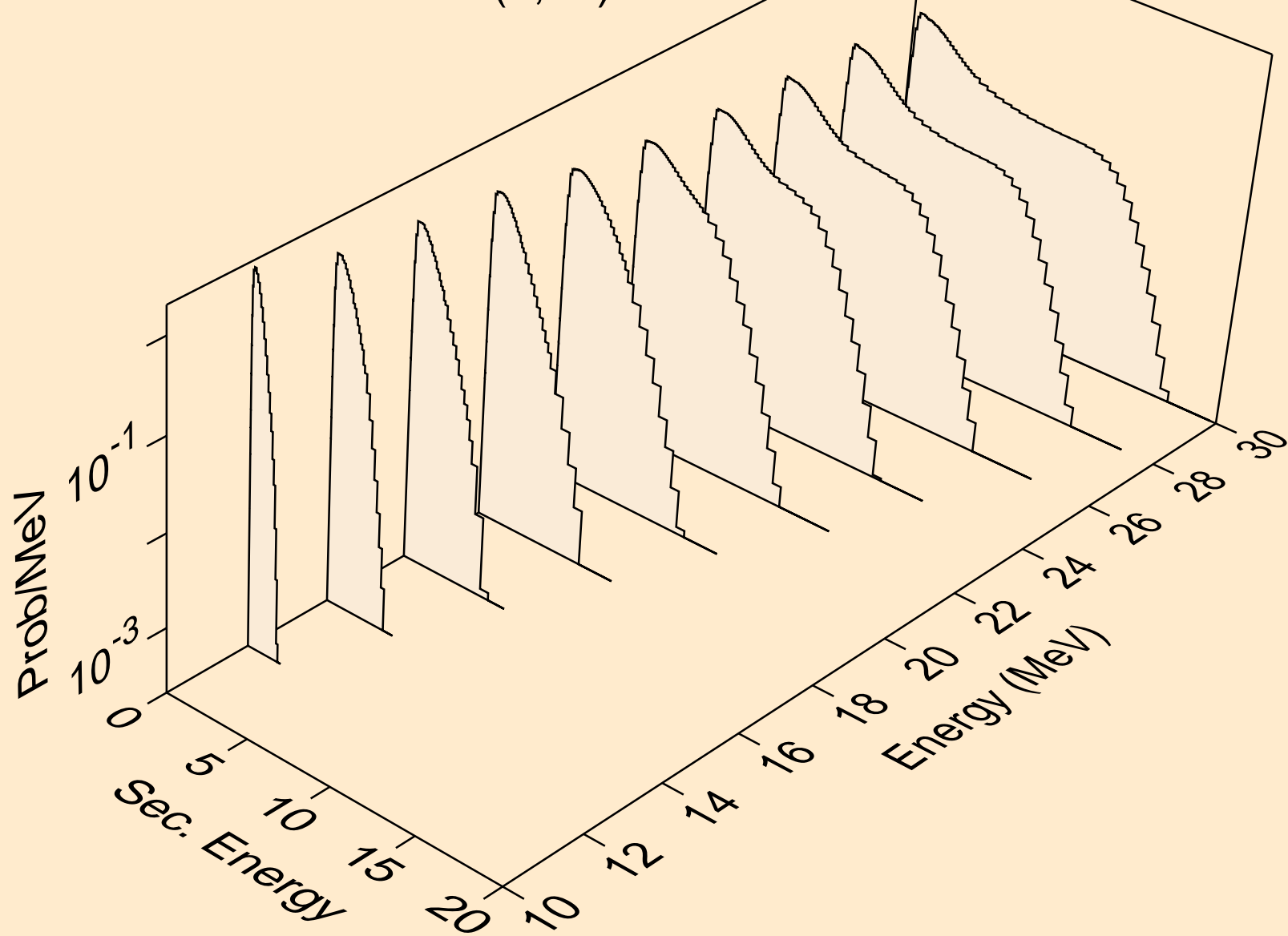
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



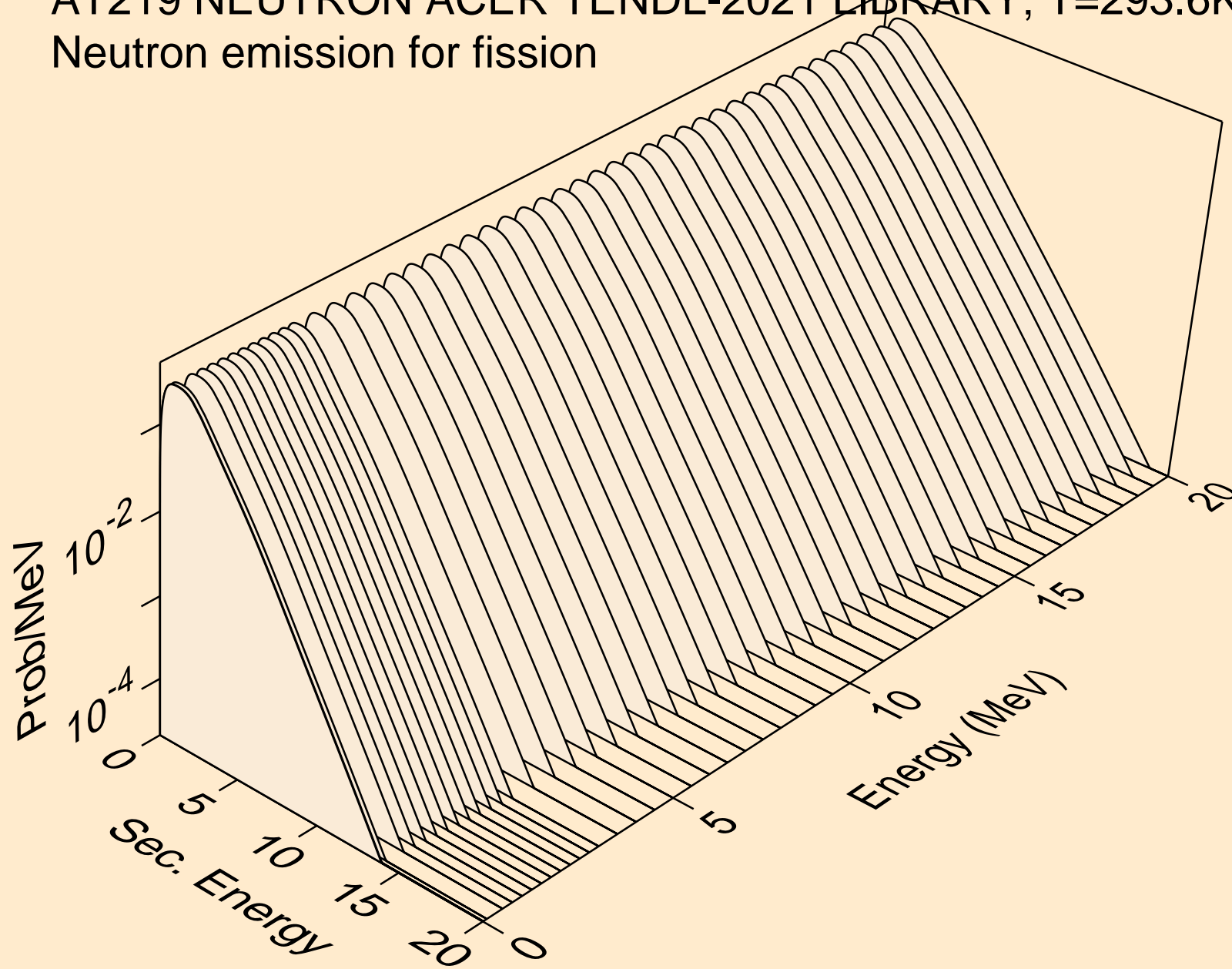
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

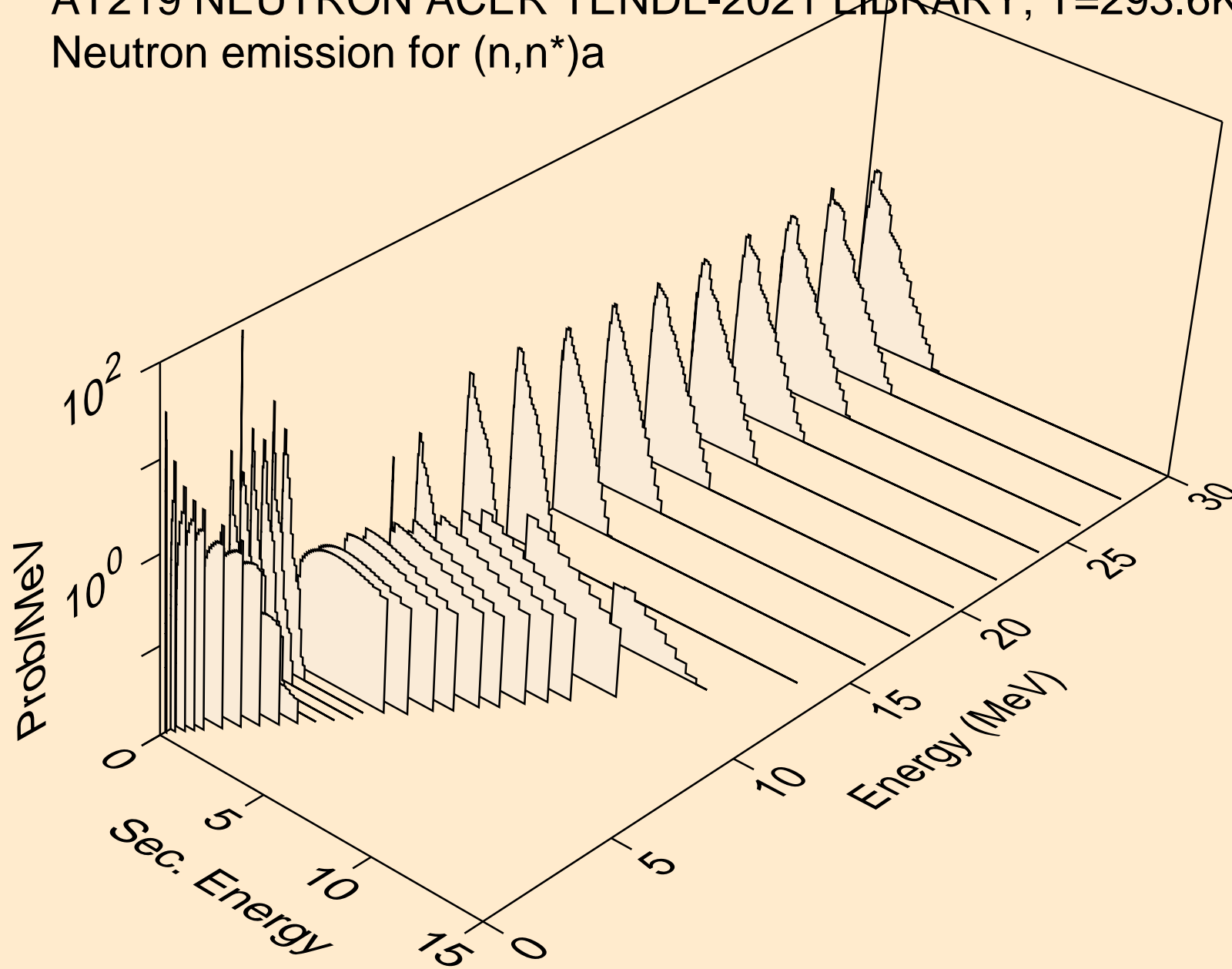


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission

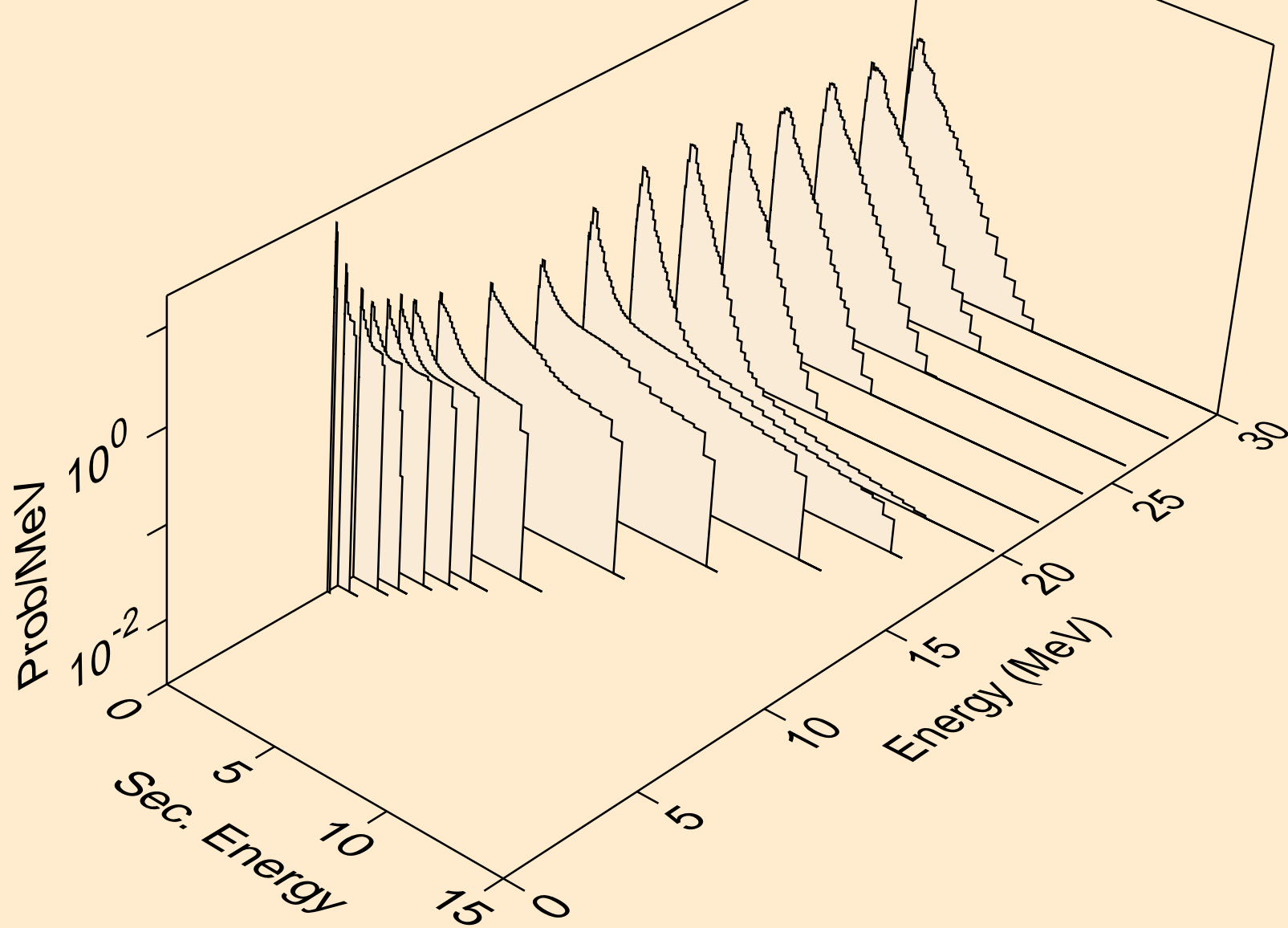




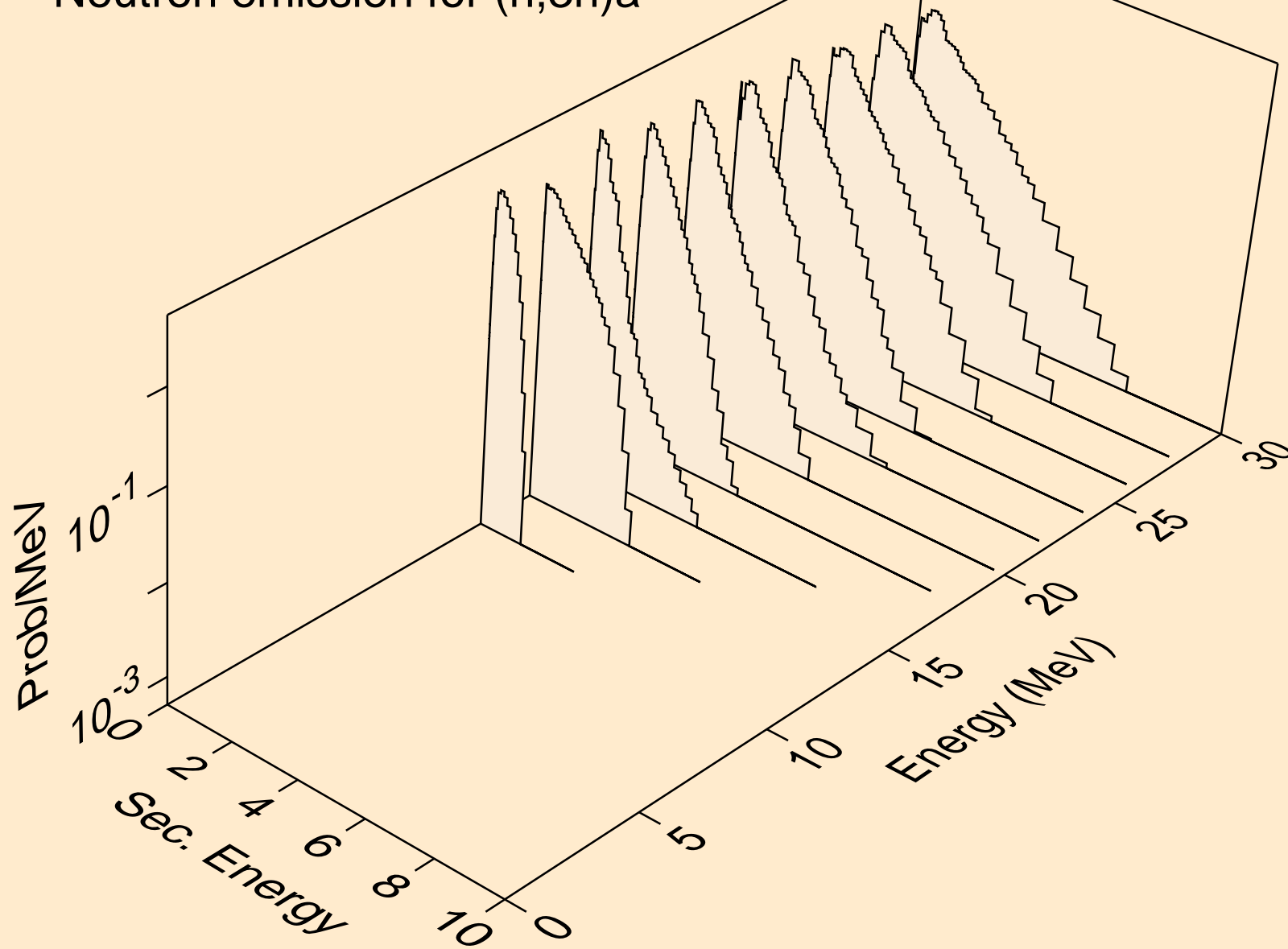
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



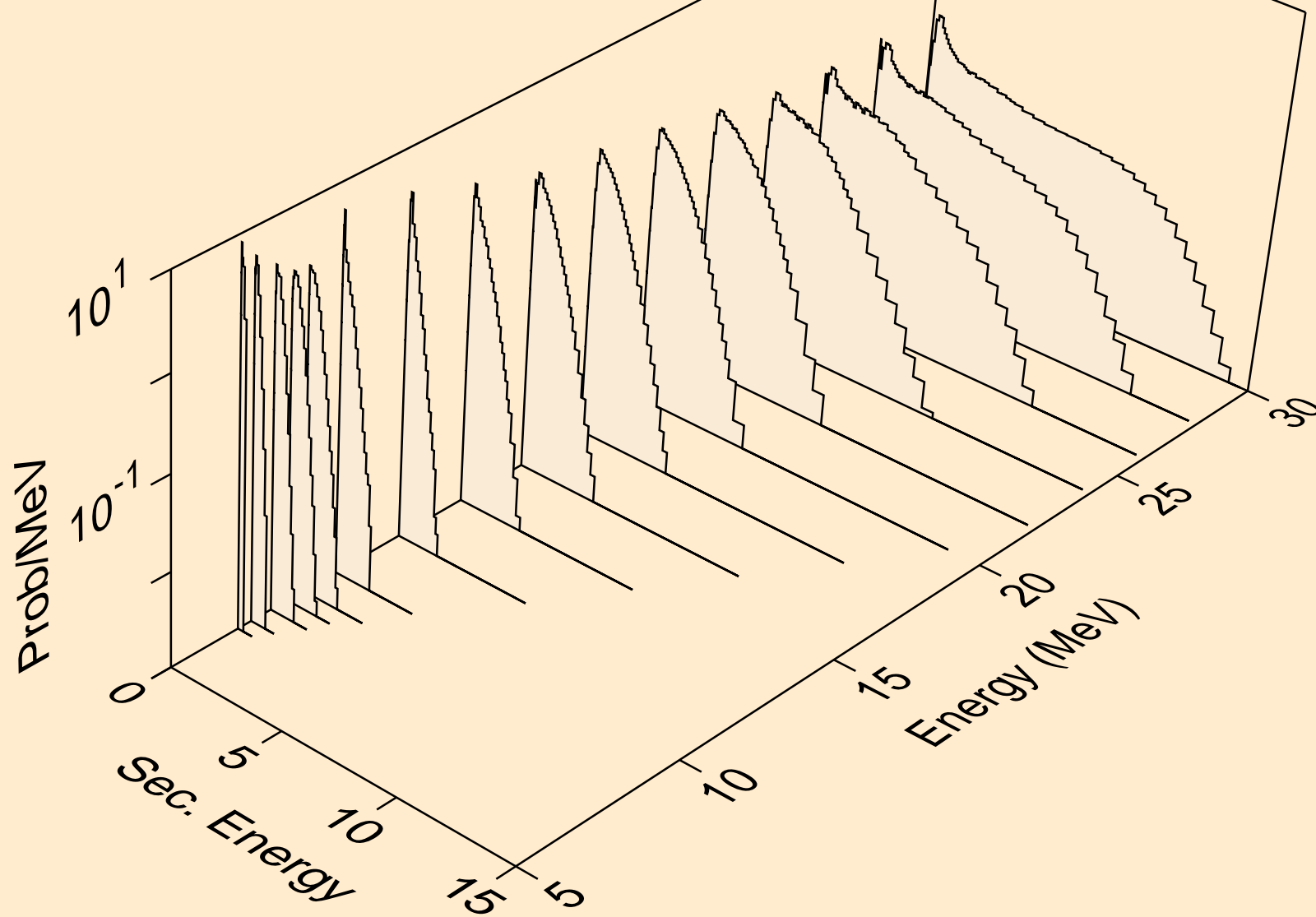
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



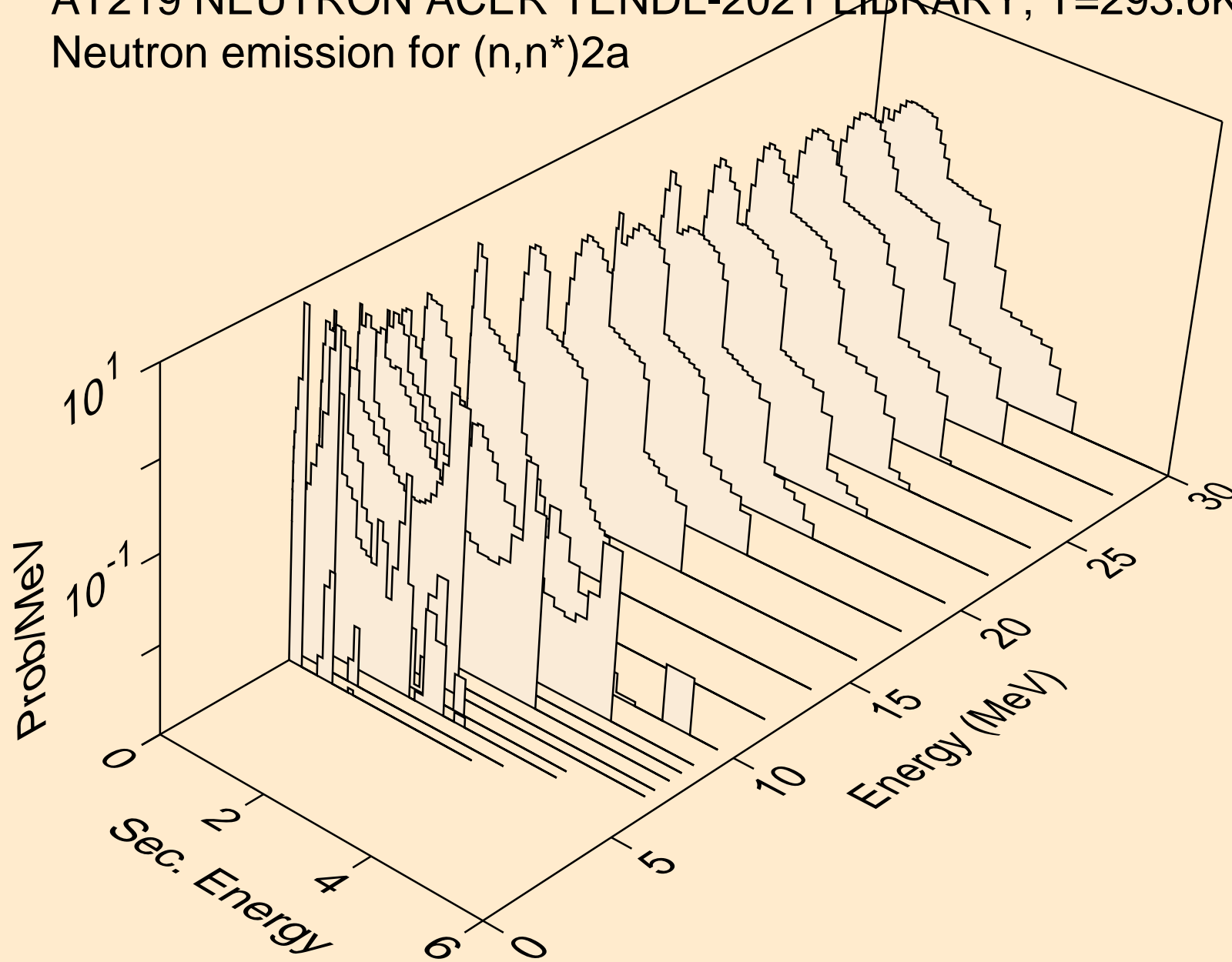
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)<sub>a</sub>



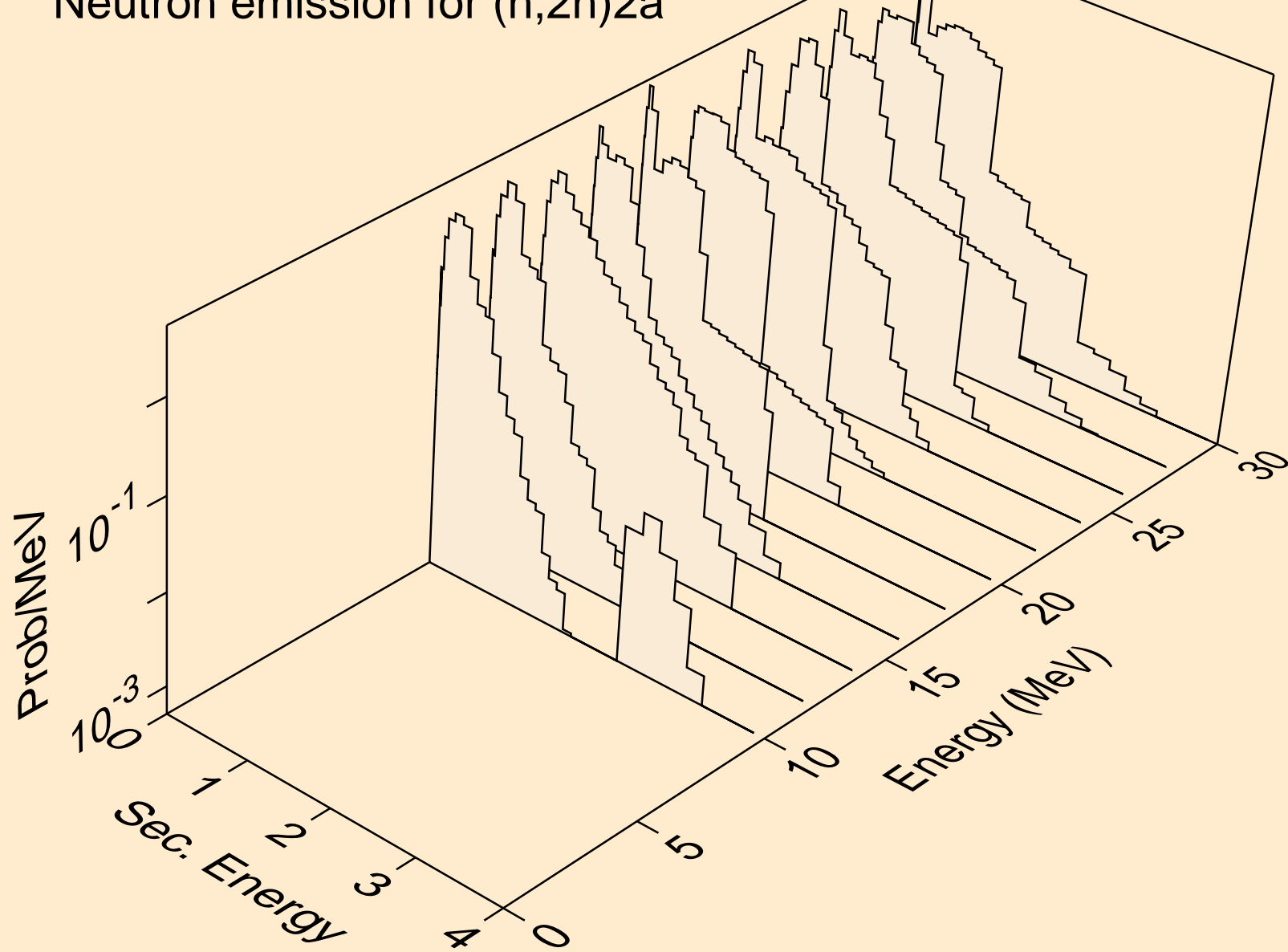
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



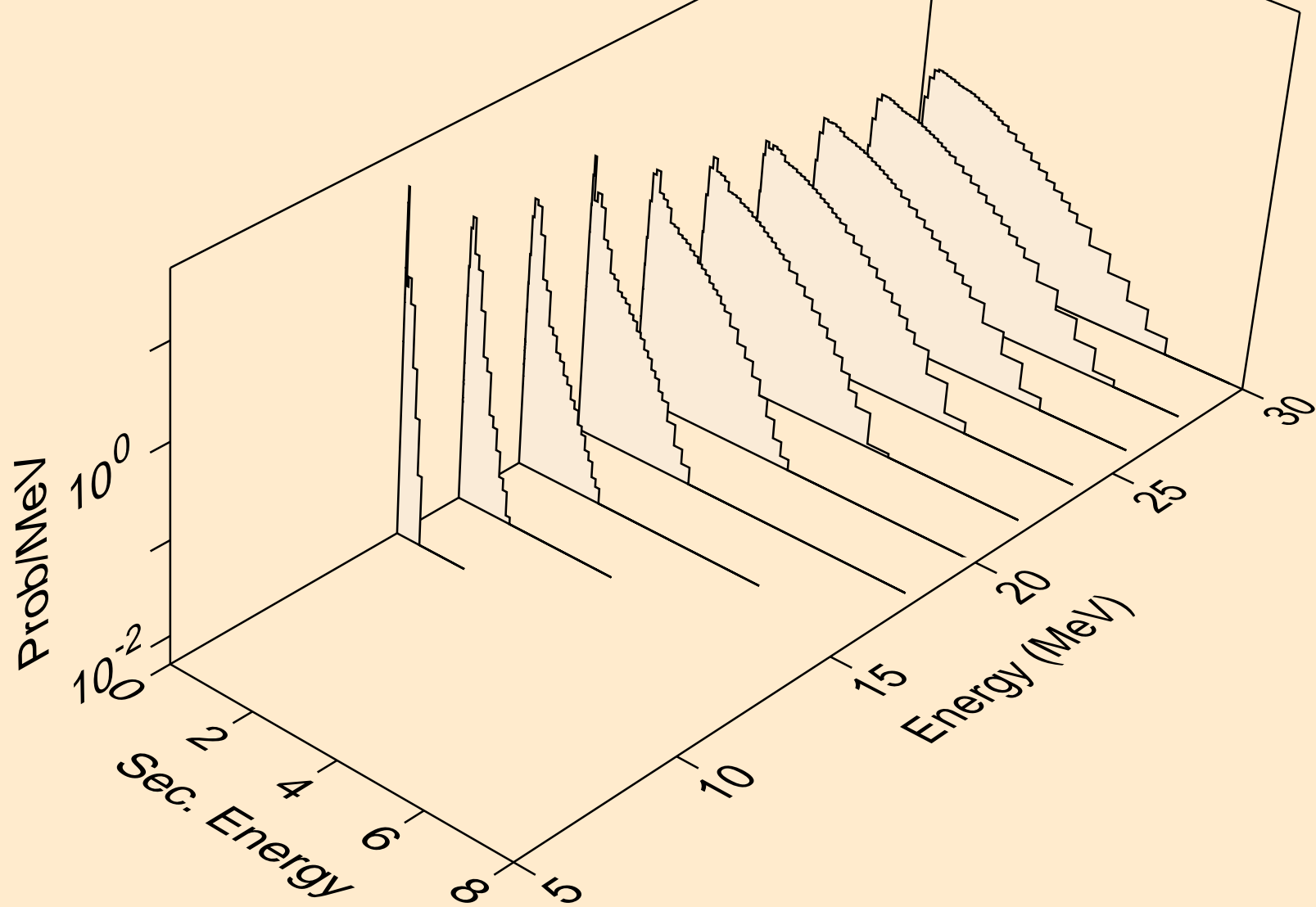
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Neutron emission for (n,n\*)2a



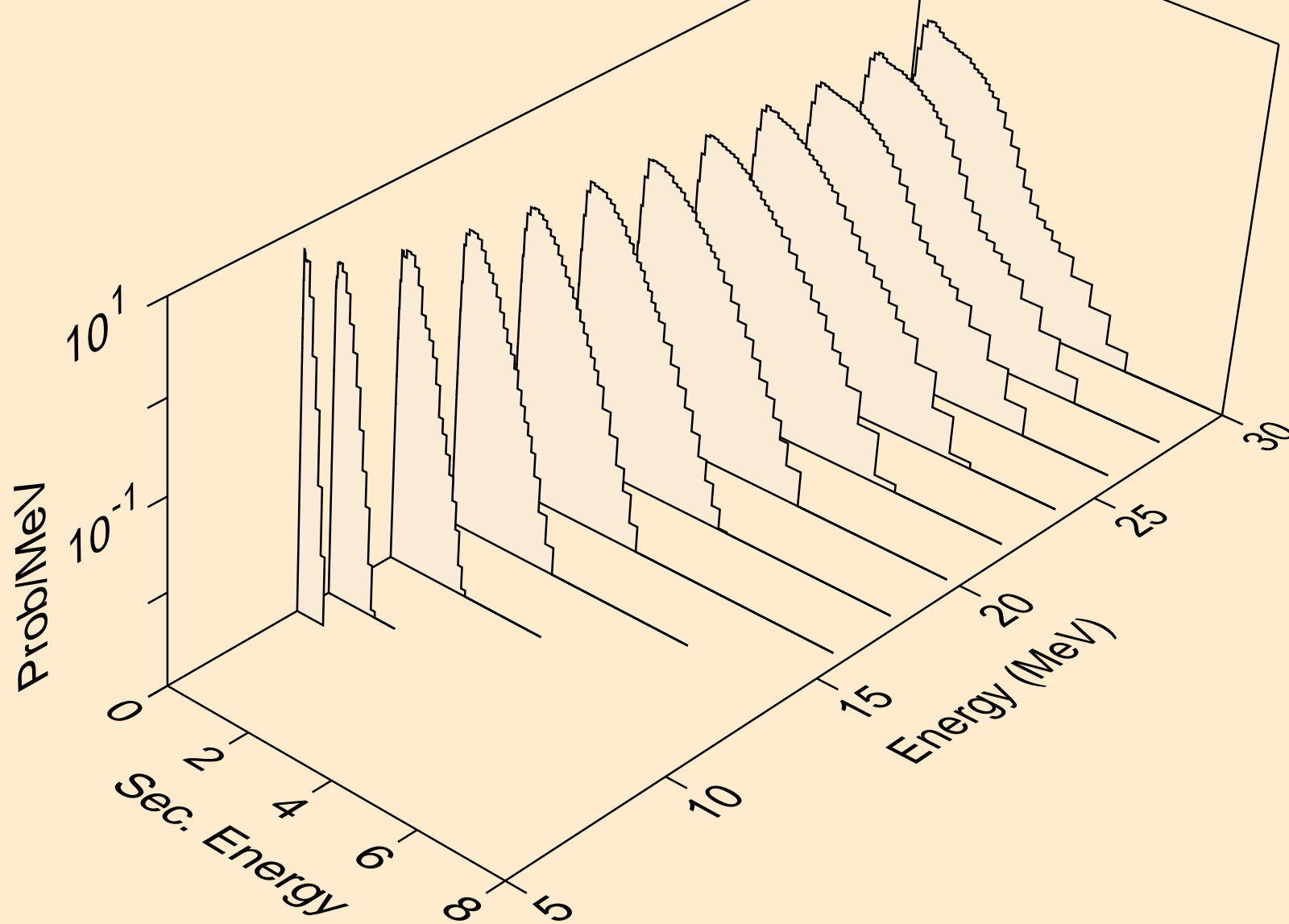
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

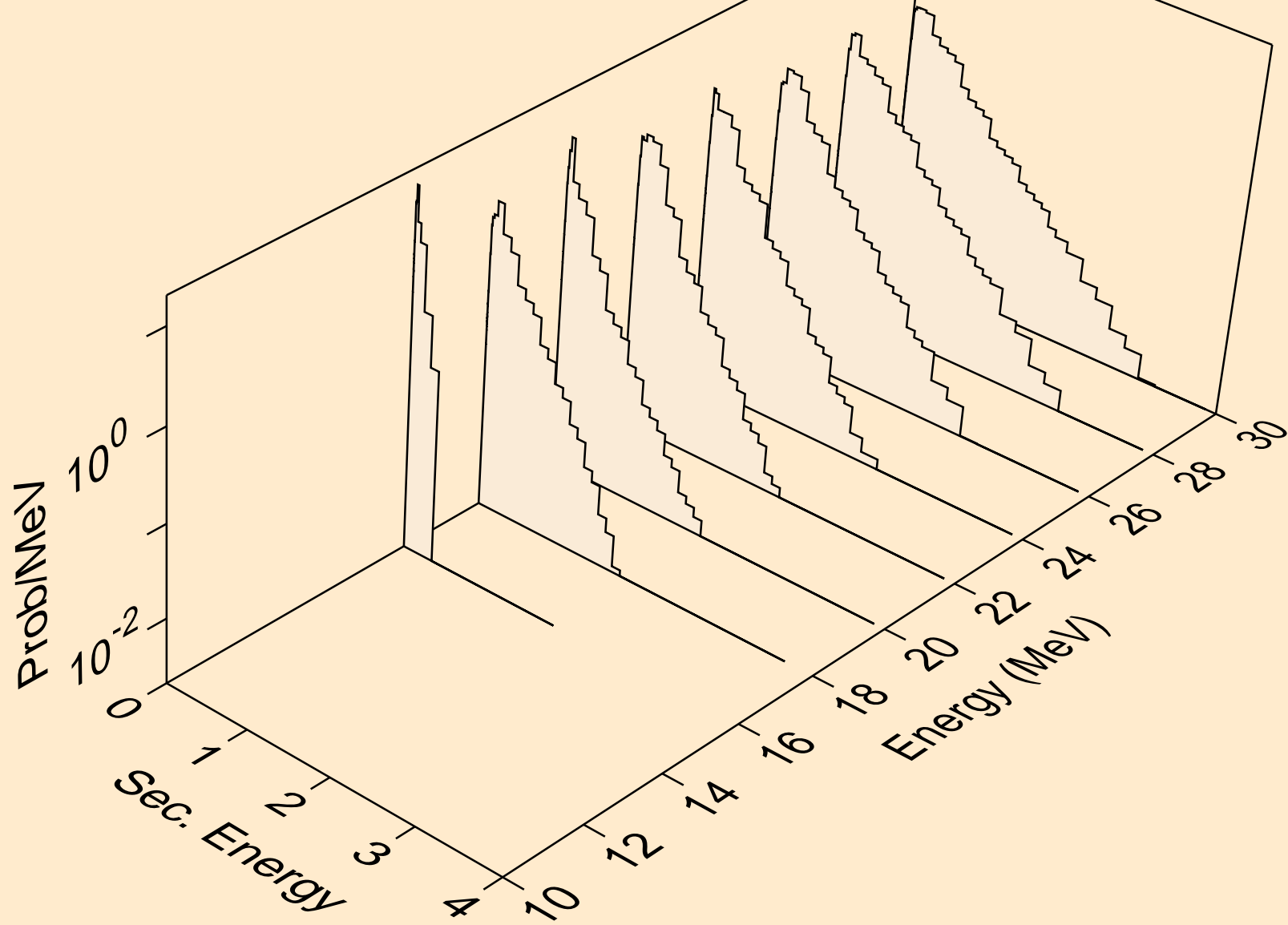


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

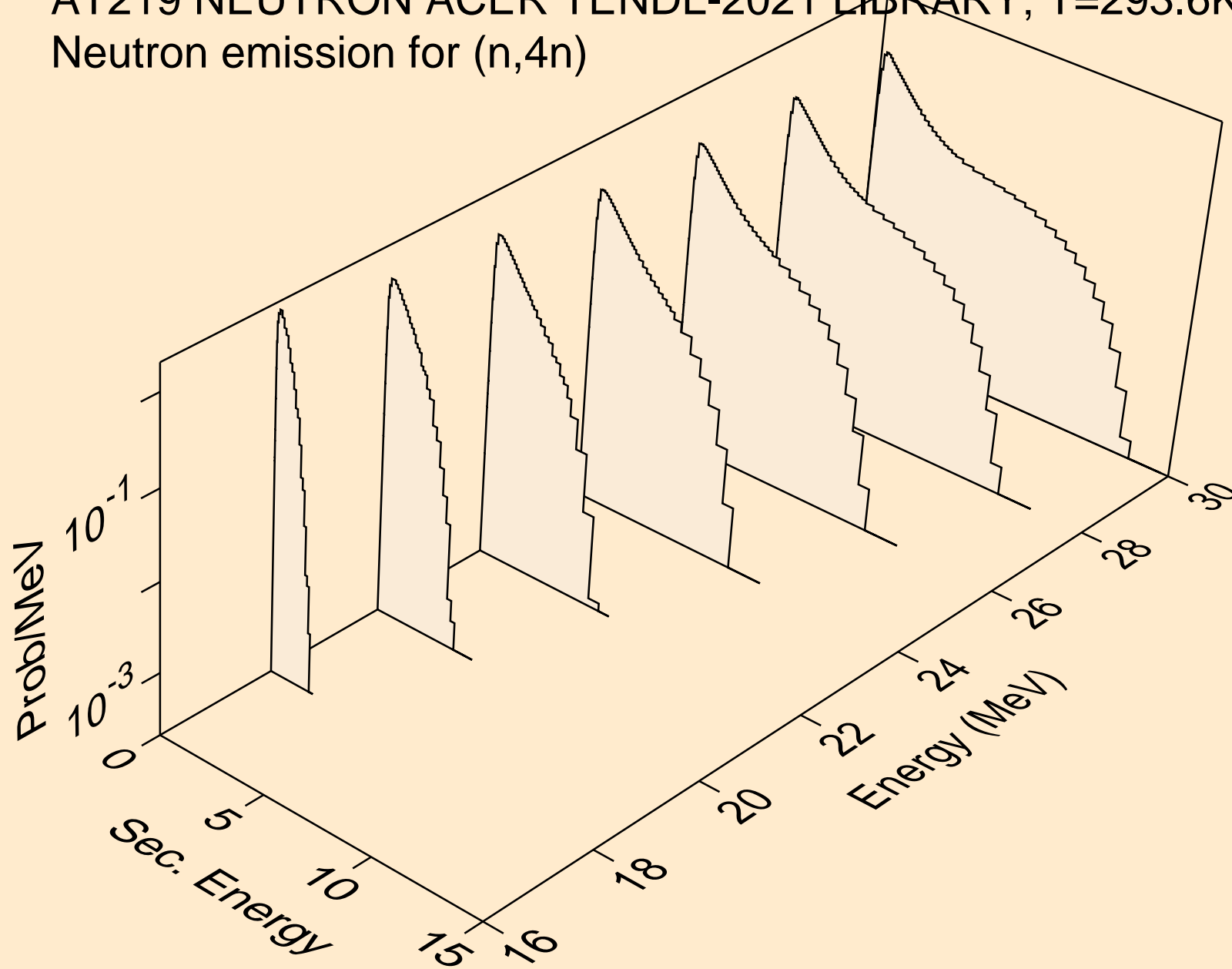




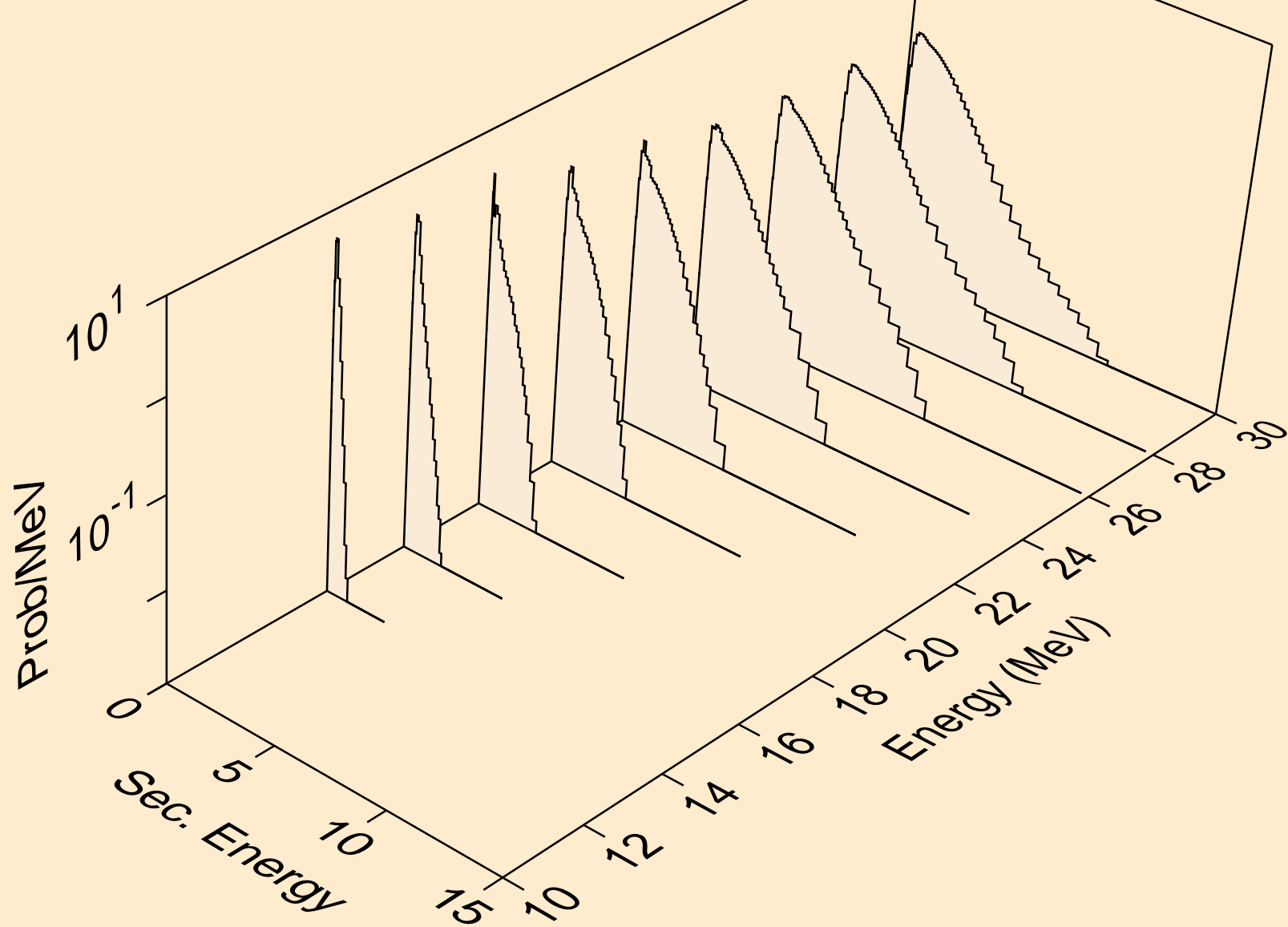
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



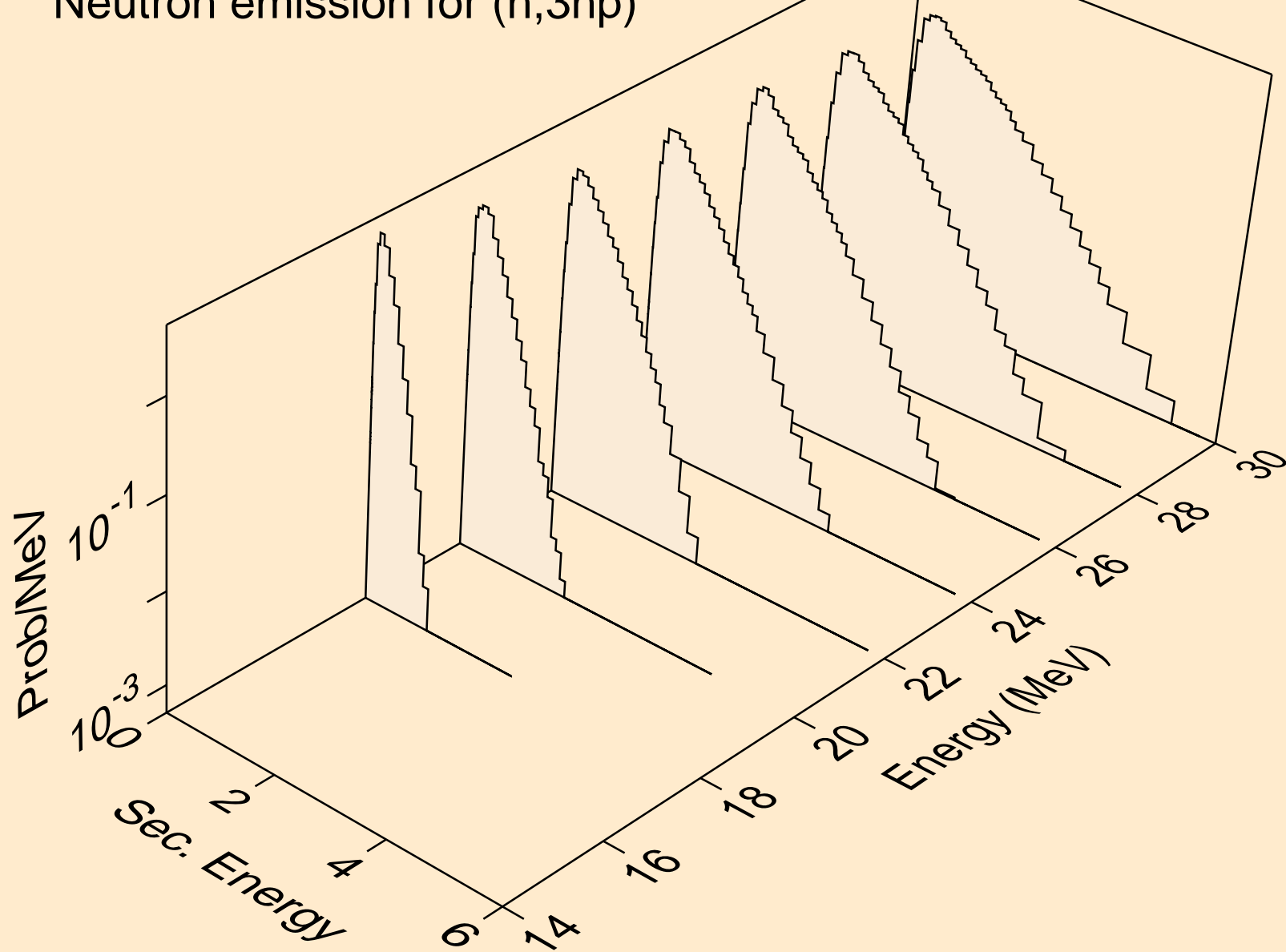
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



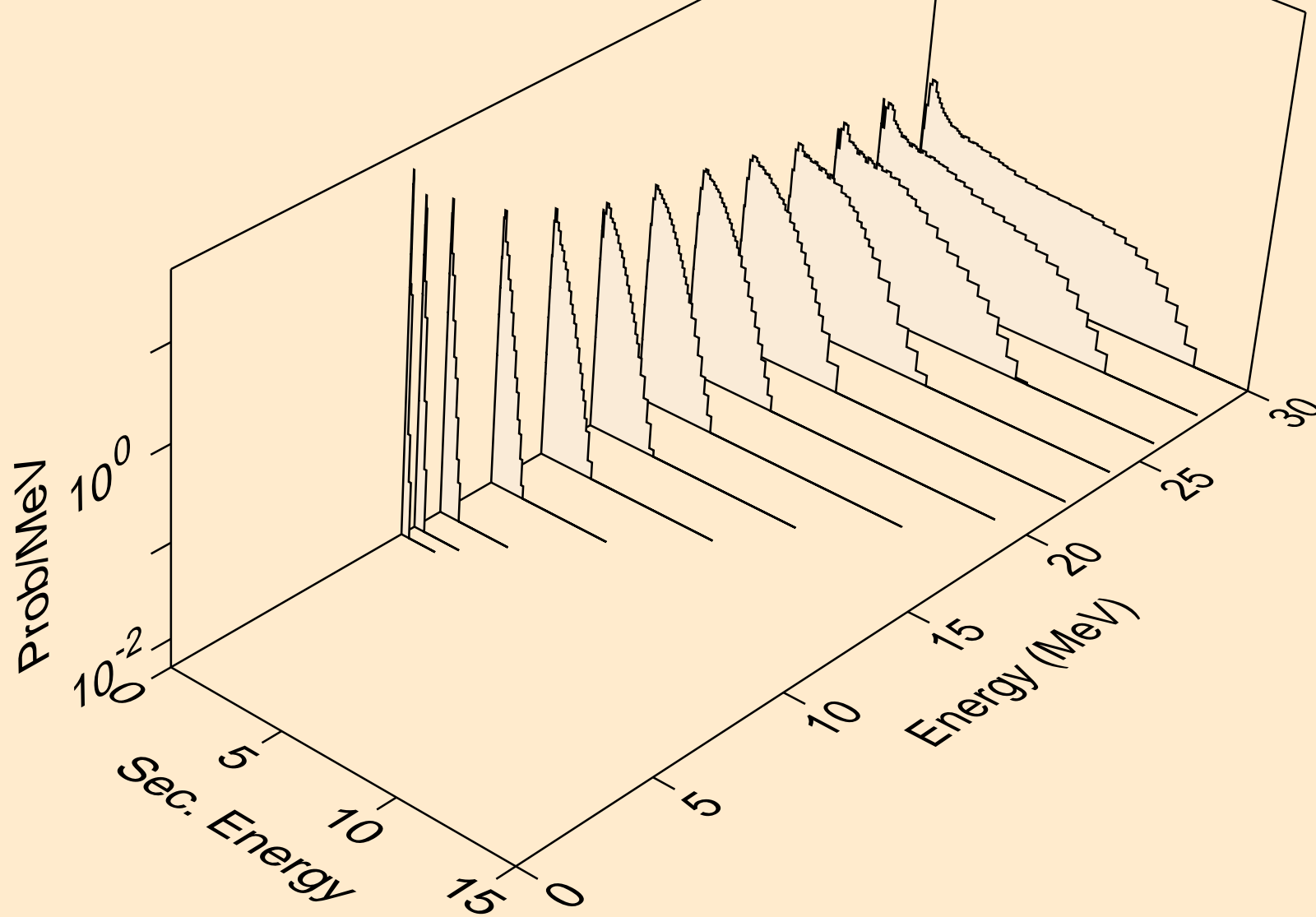
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



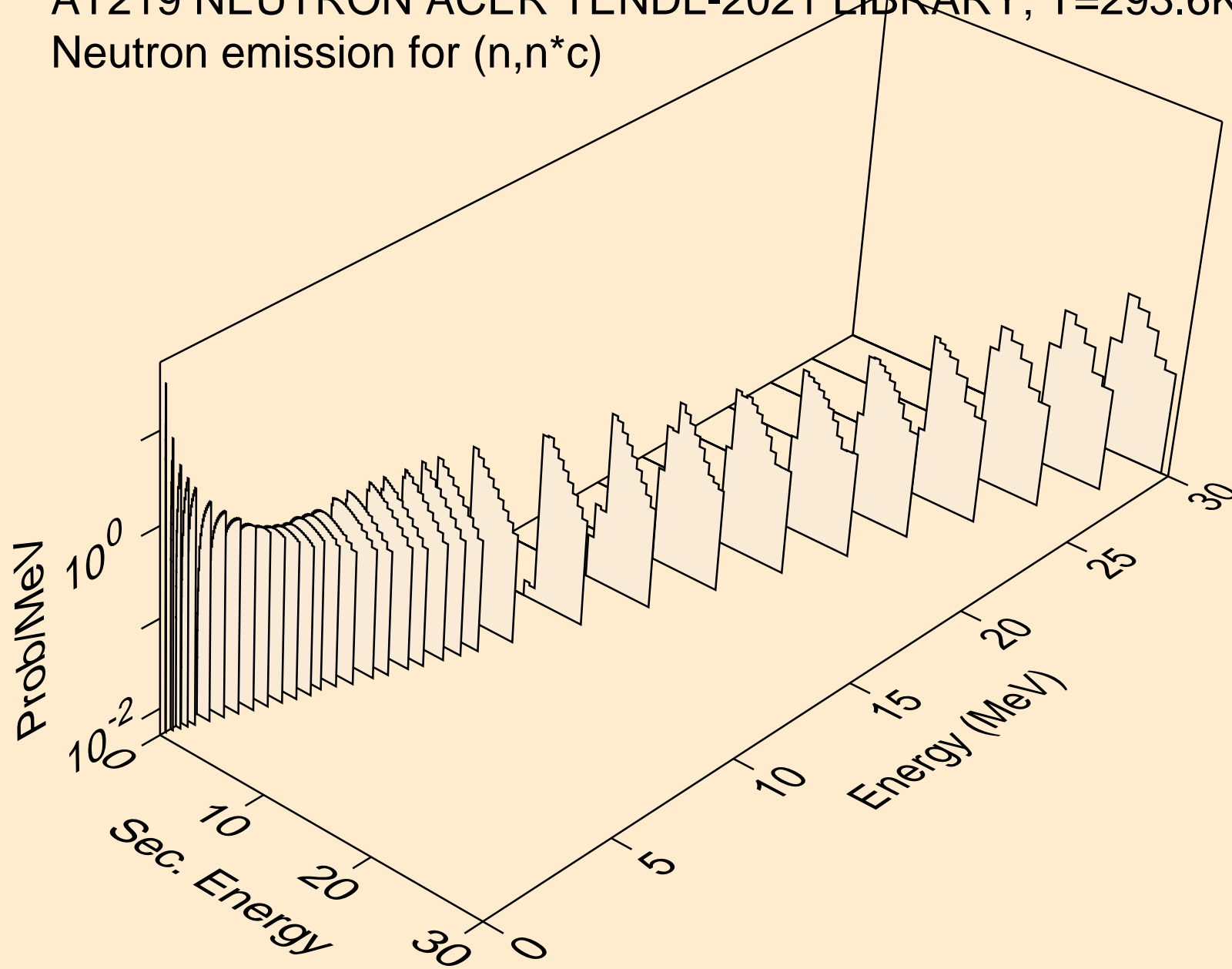
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

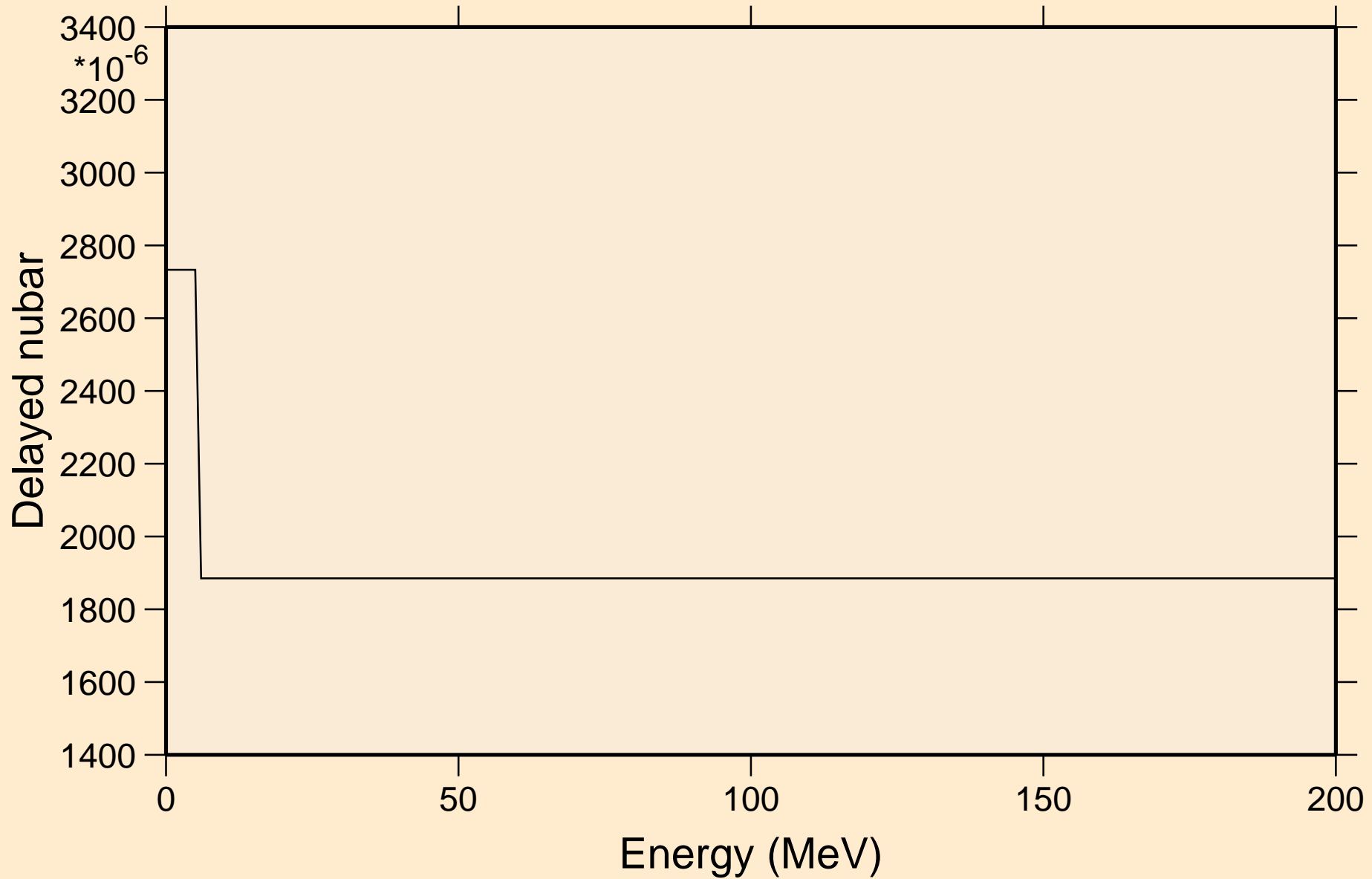


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



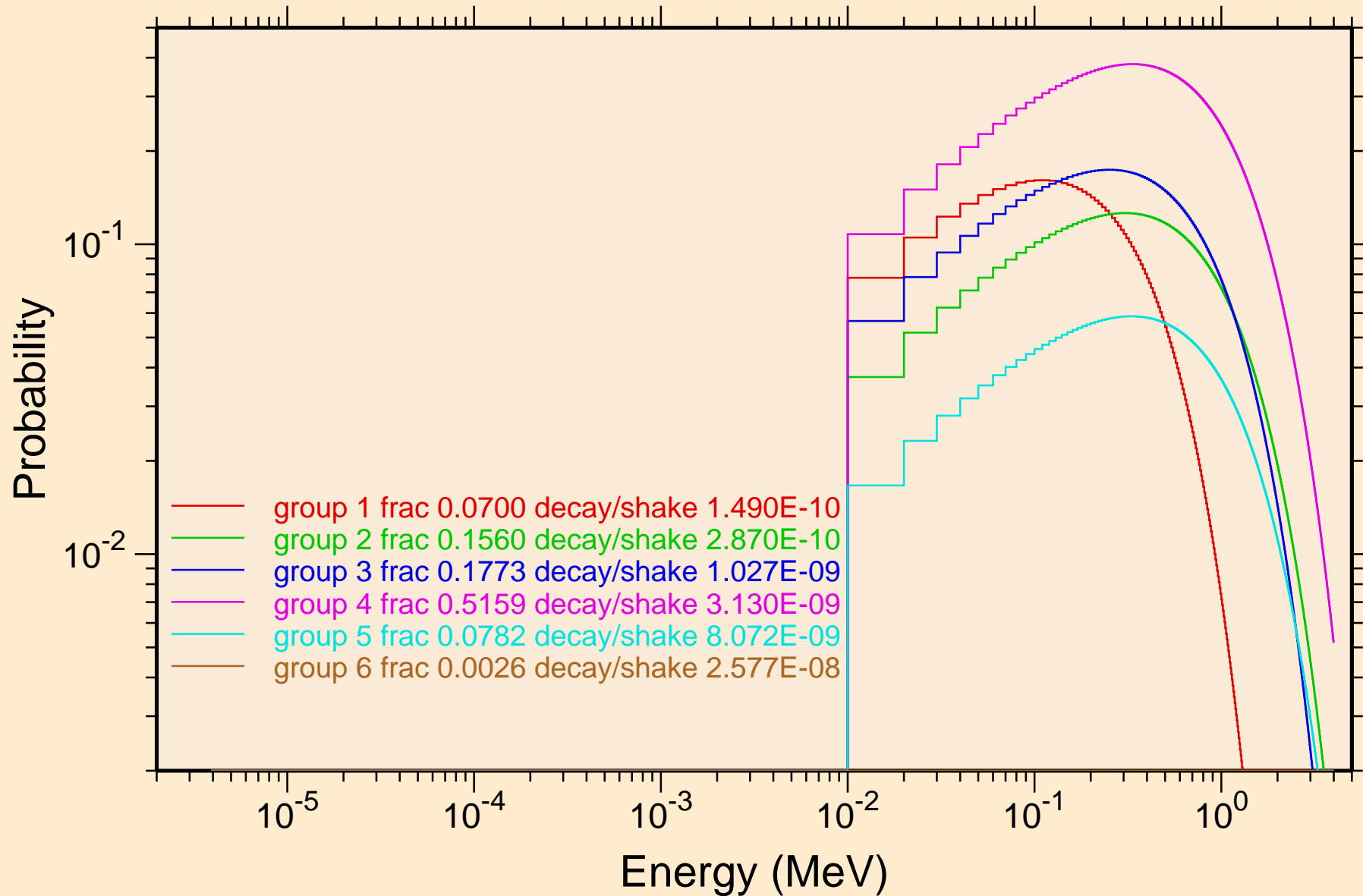
# AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Delayed nubar



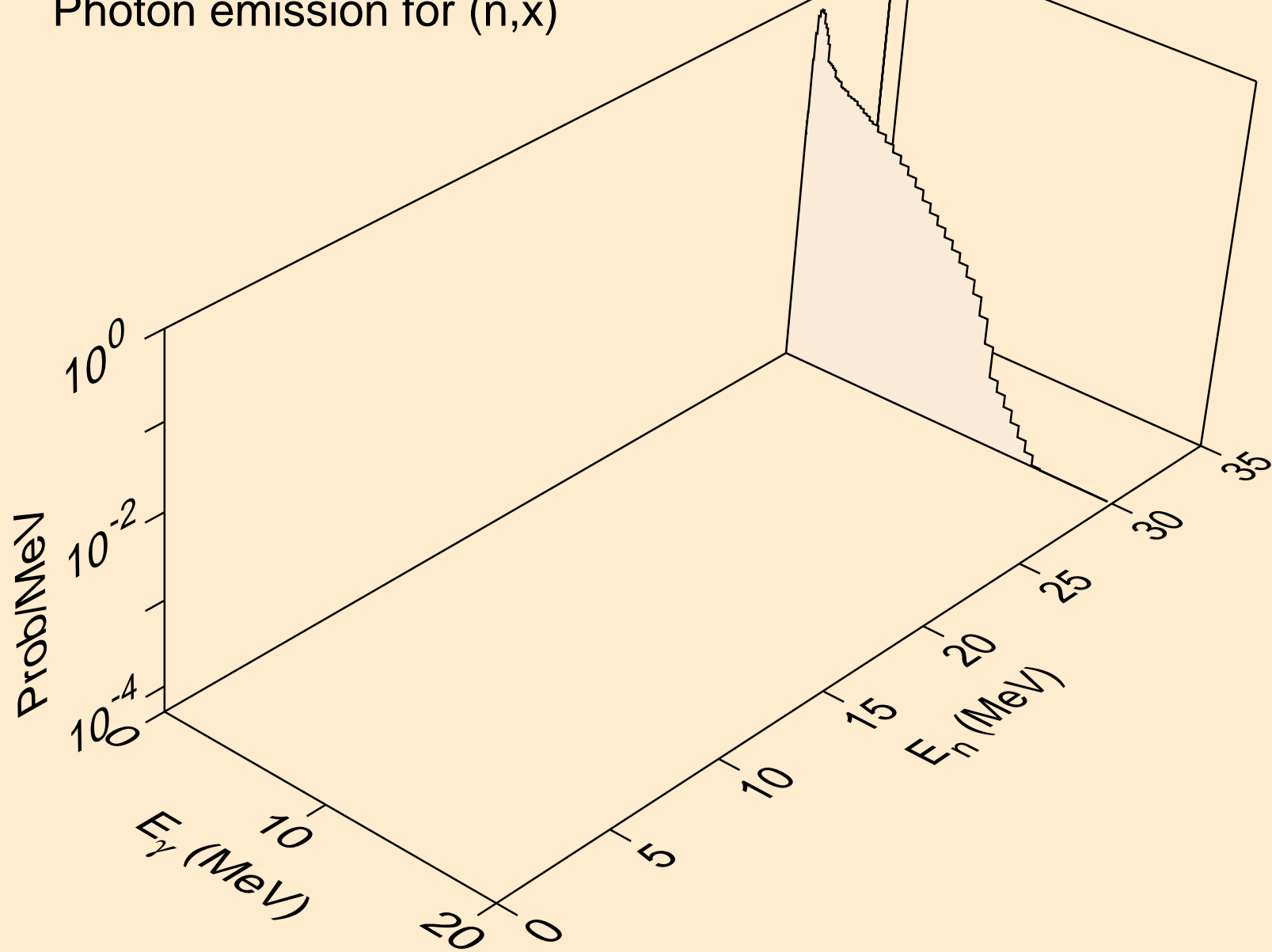
# AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Delayed neutron spectra

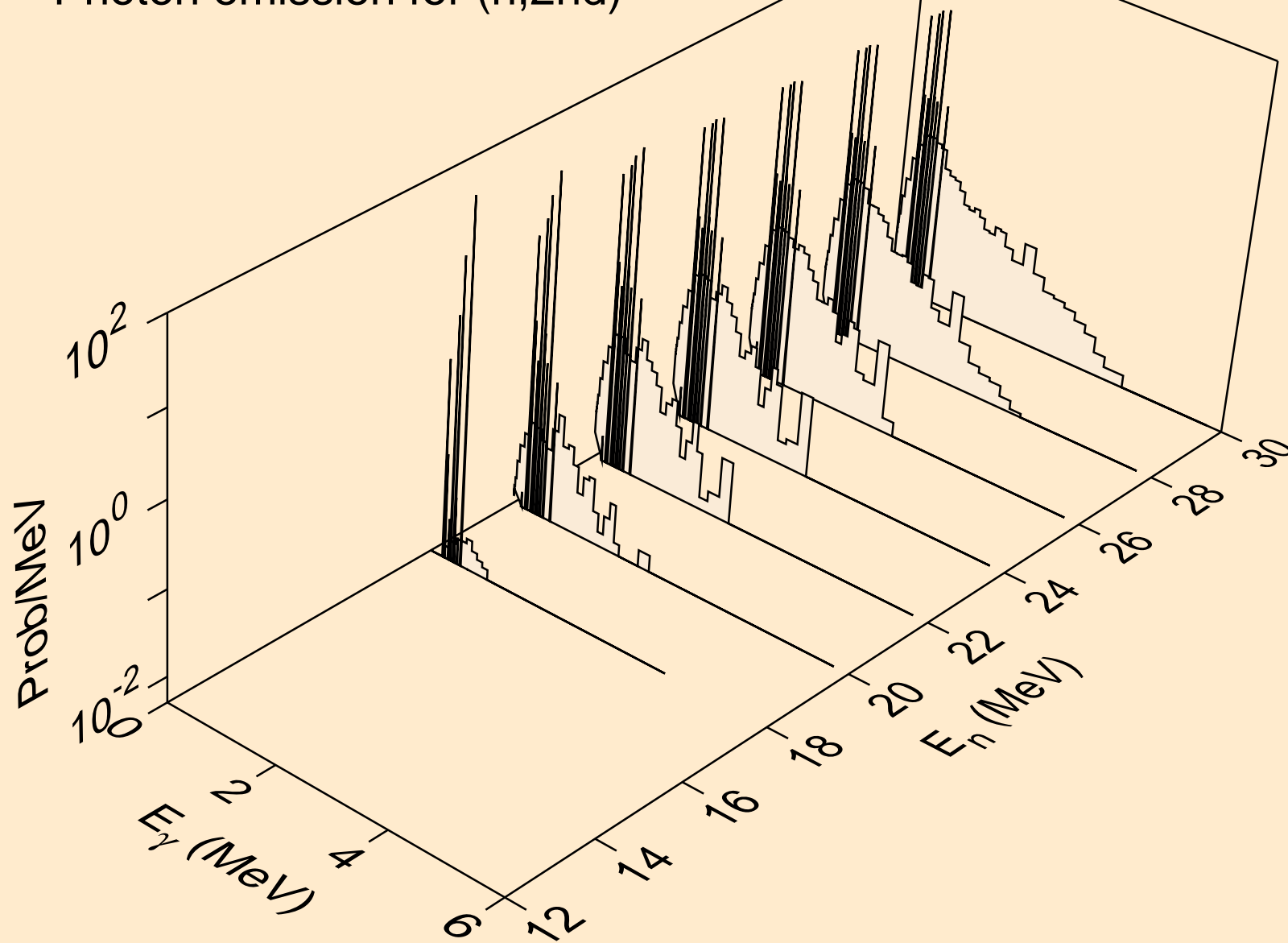




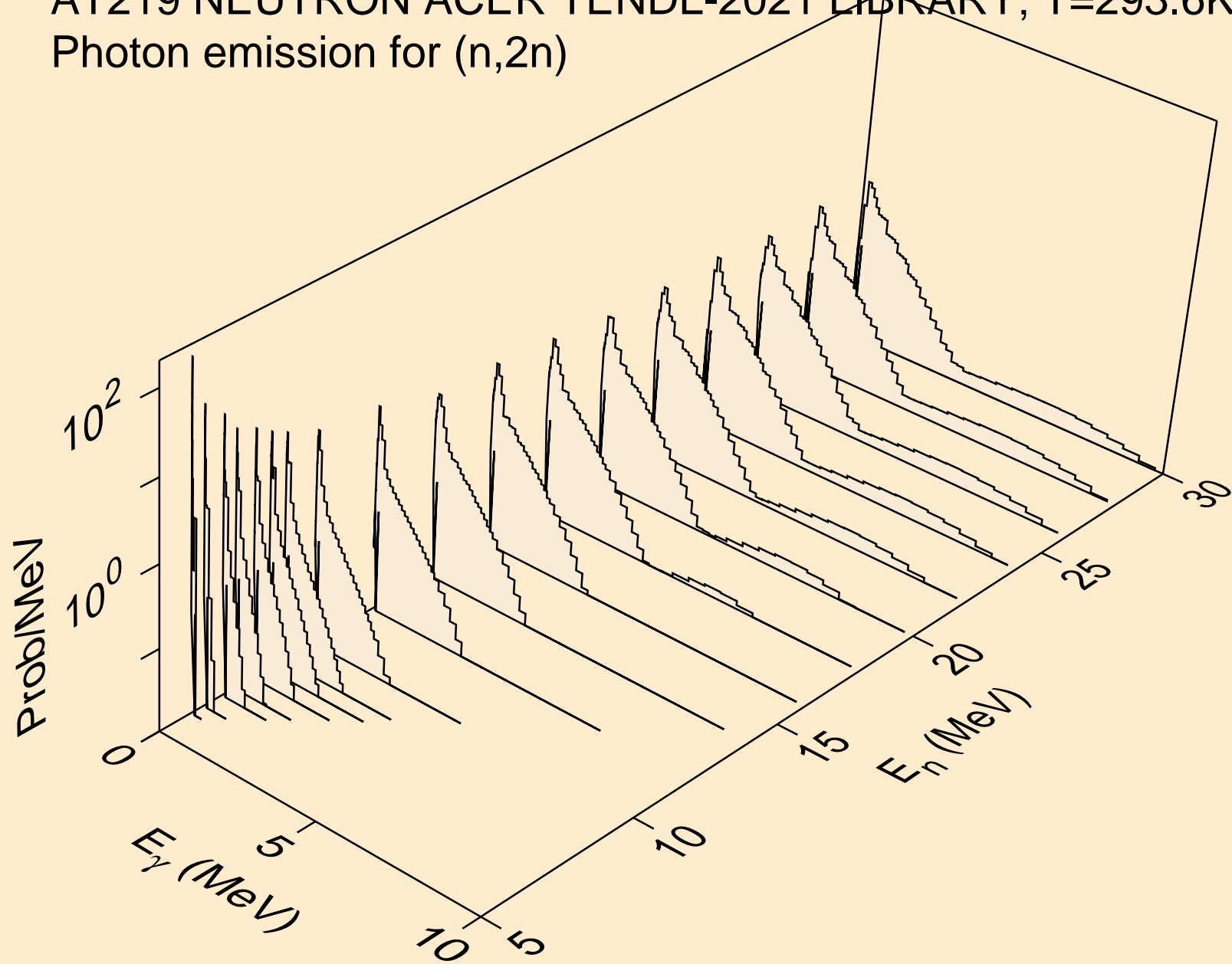
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



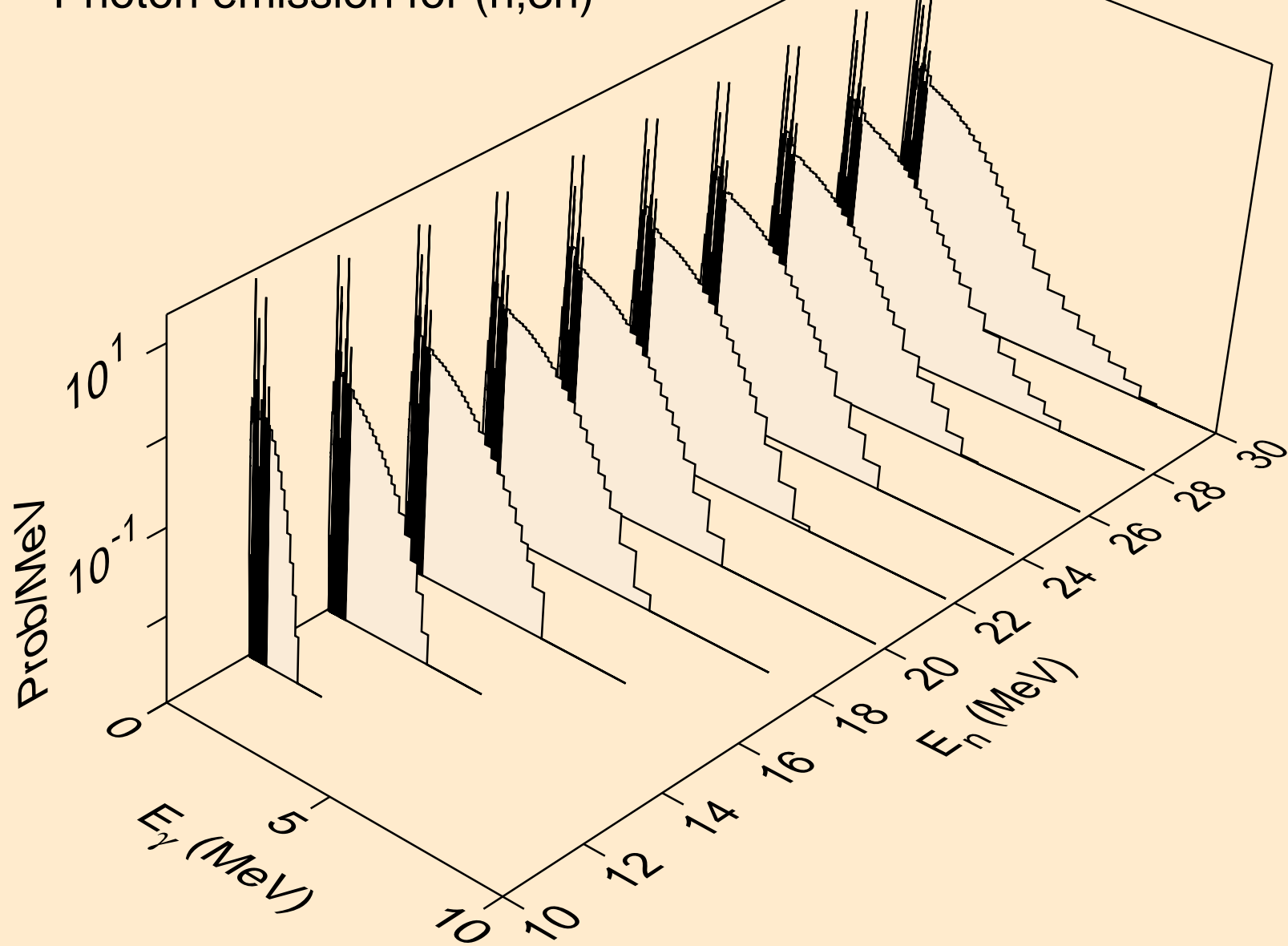
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Photon emission for (n,2nd)



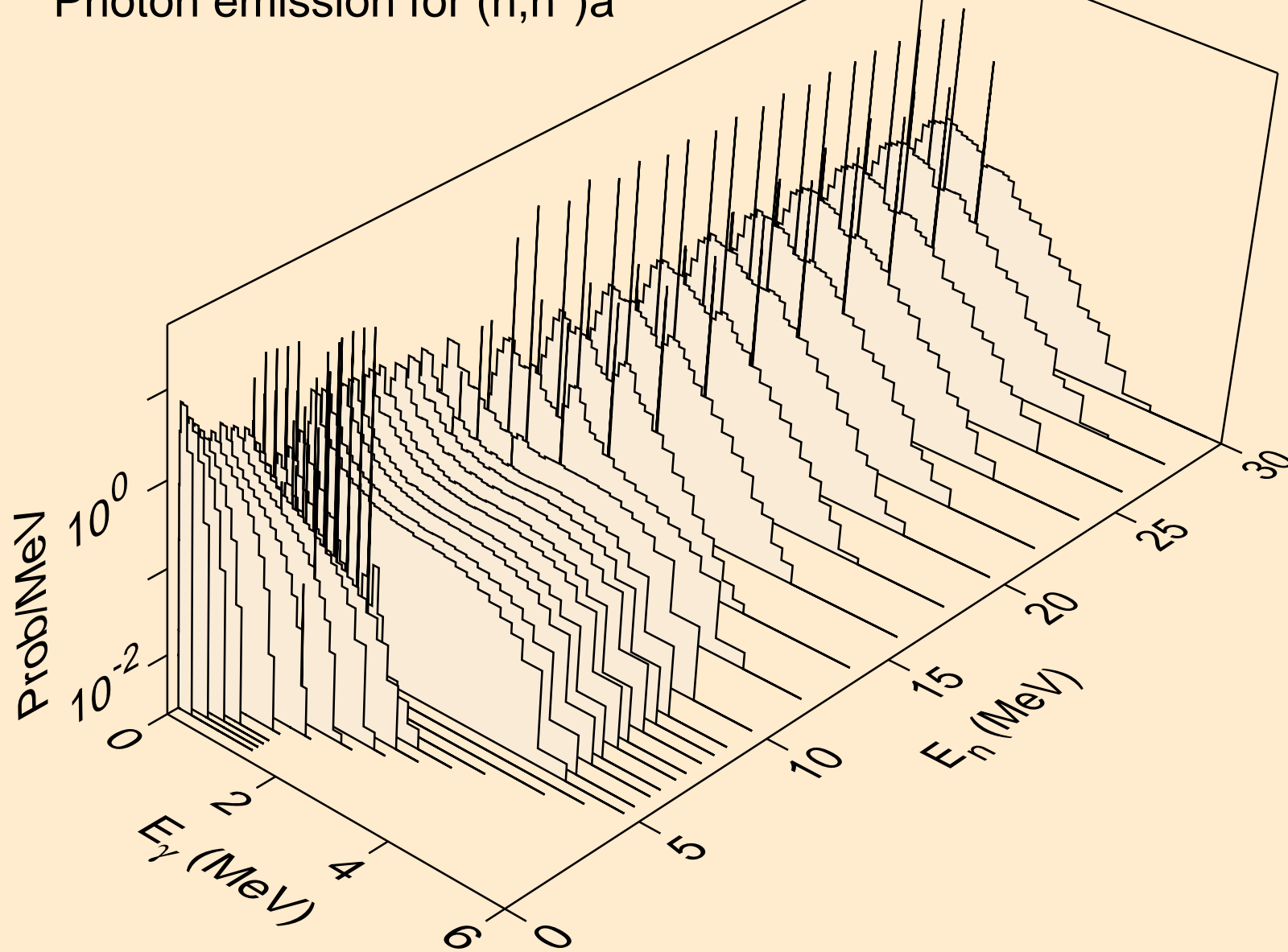
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



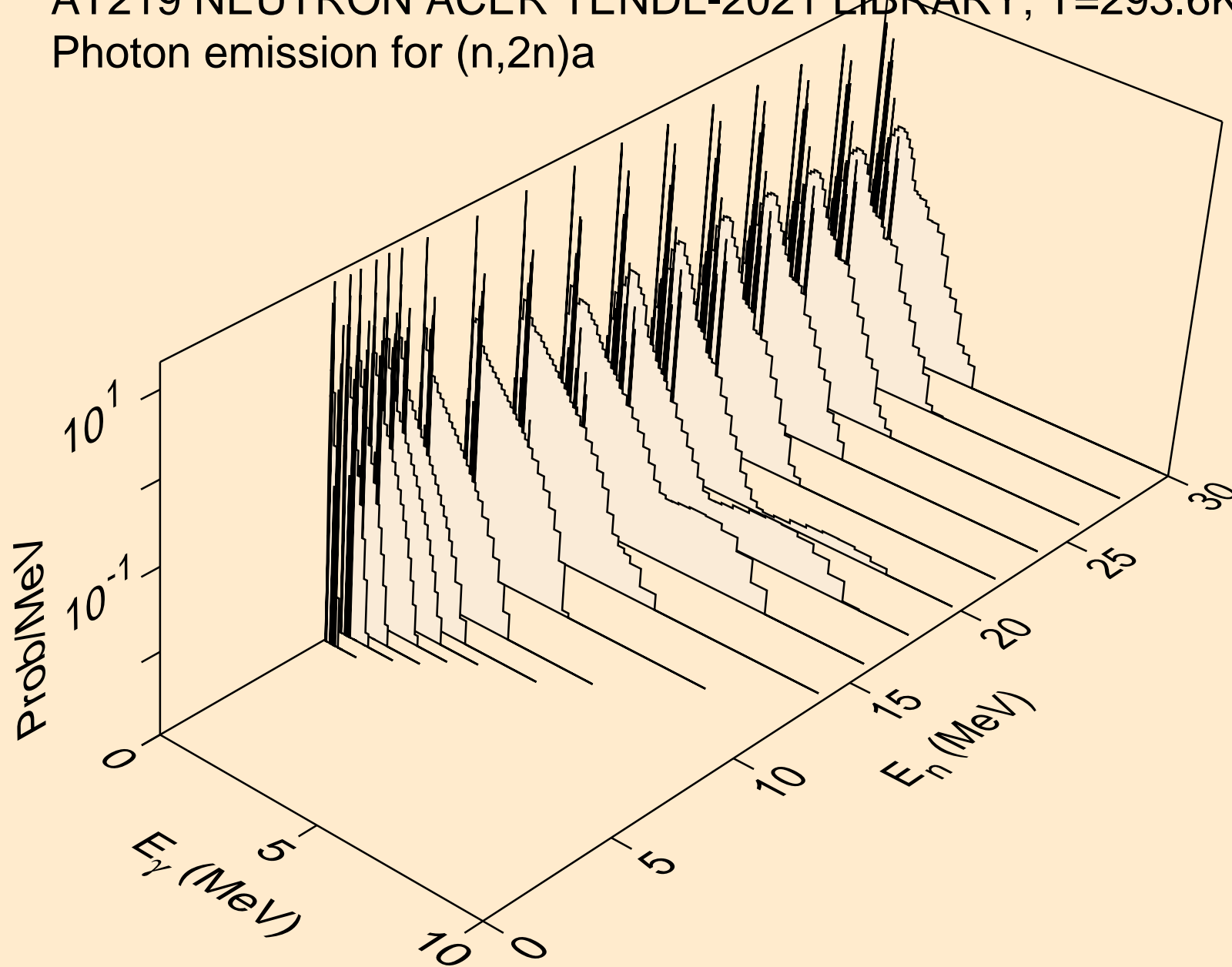
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



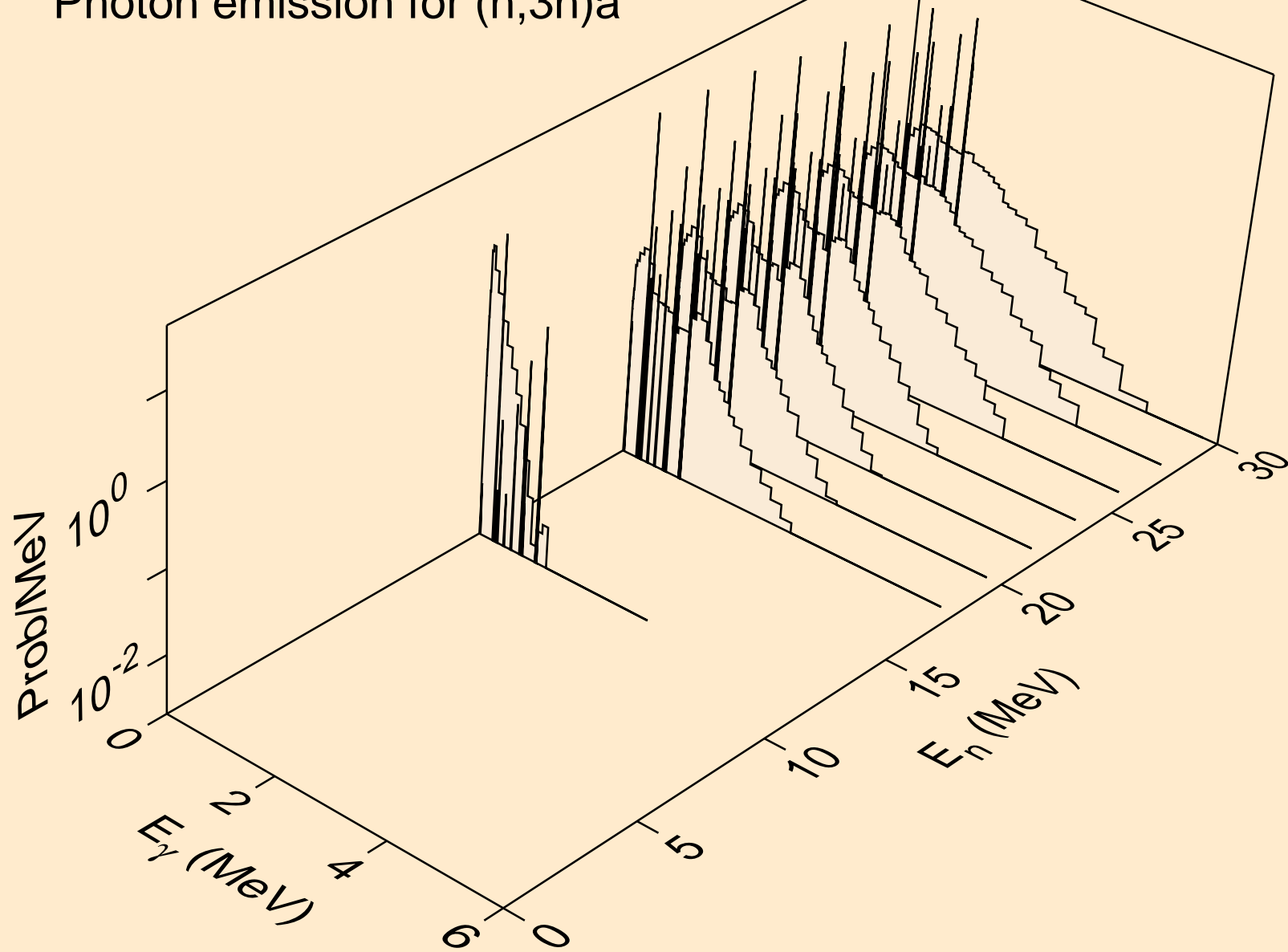
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



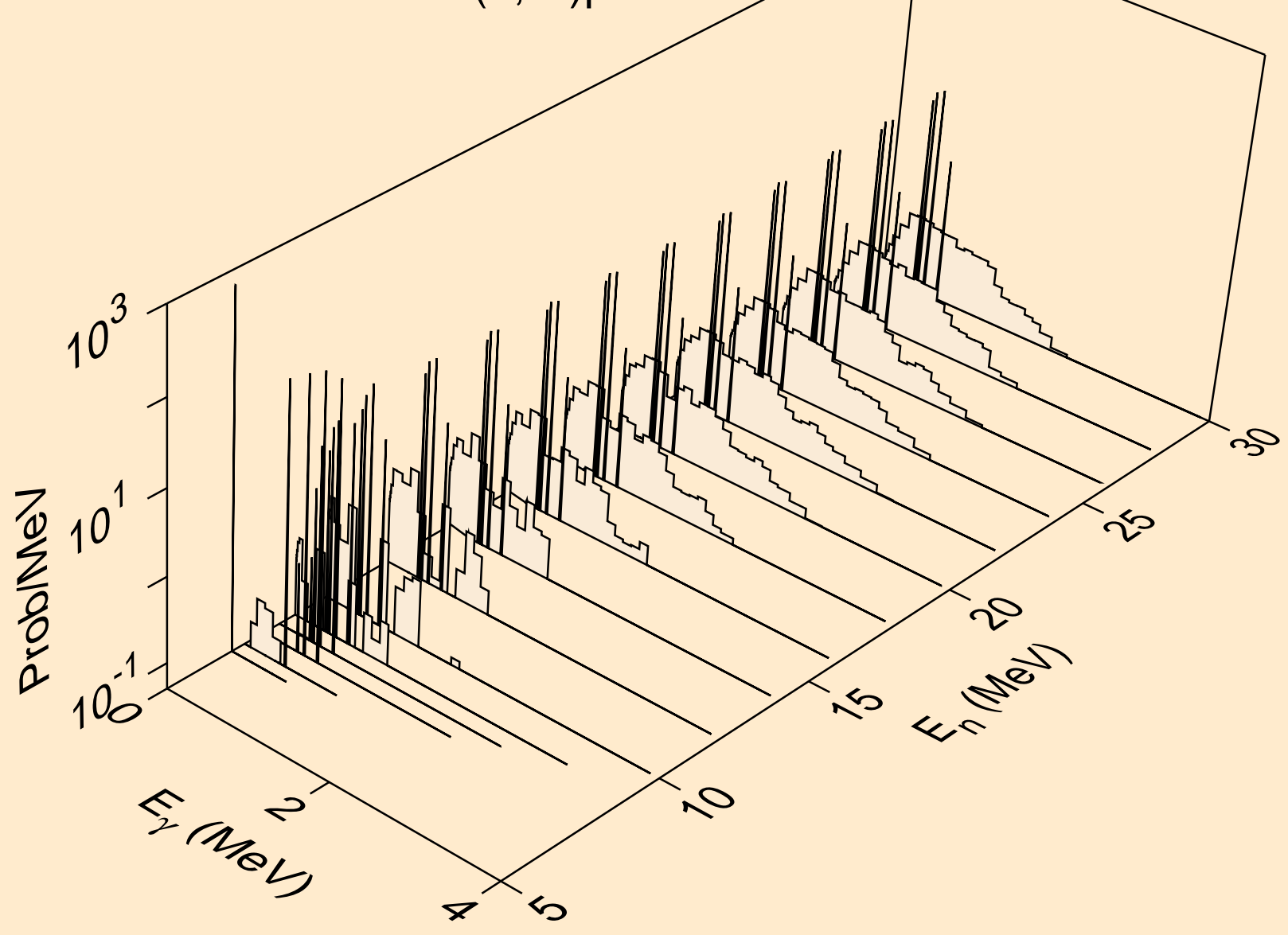
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

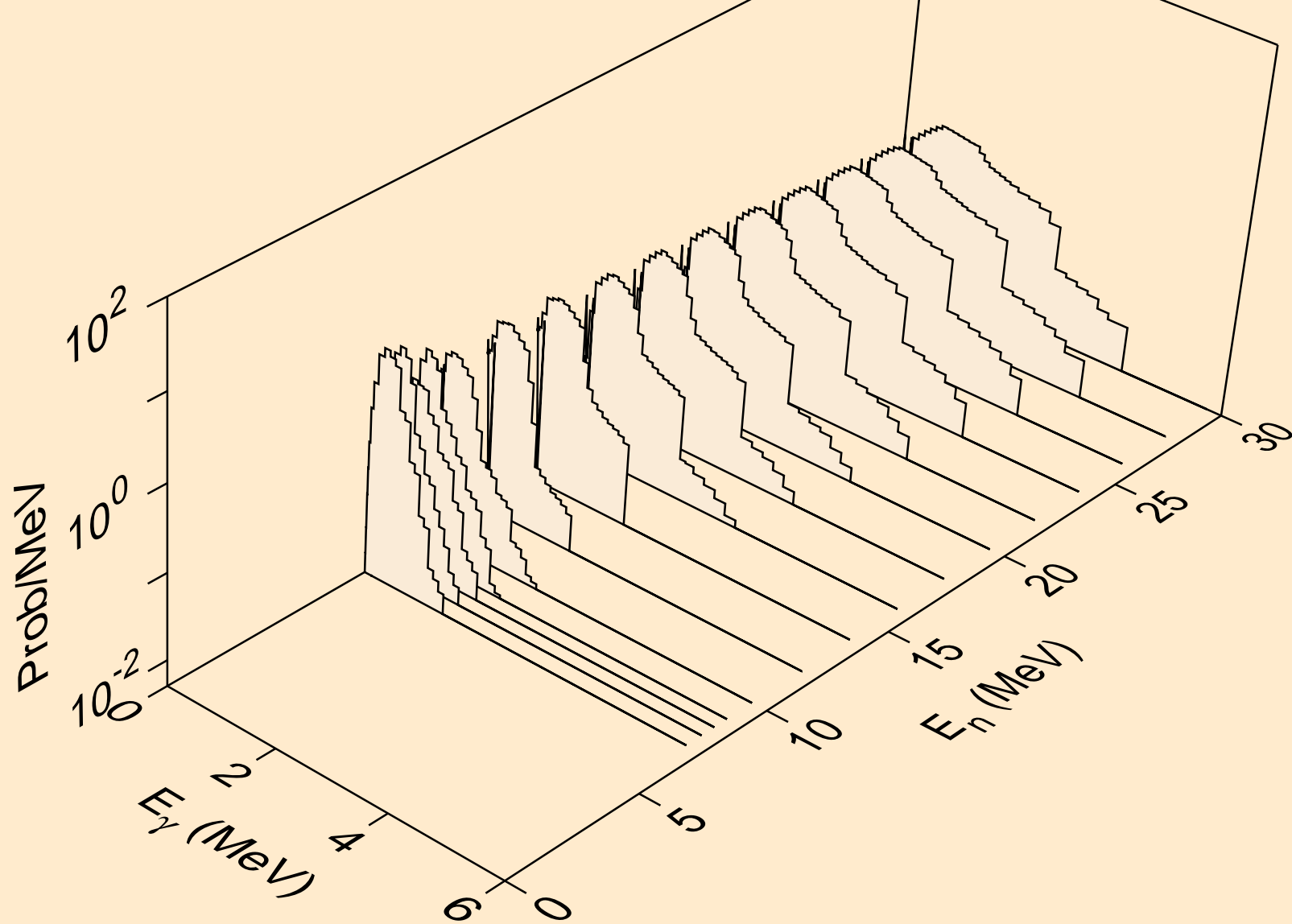


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

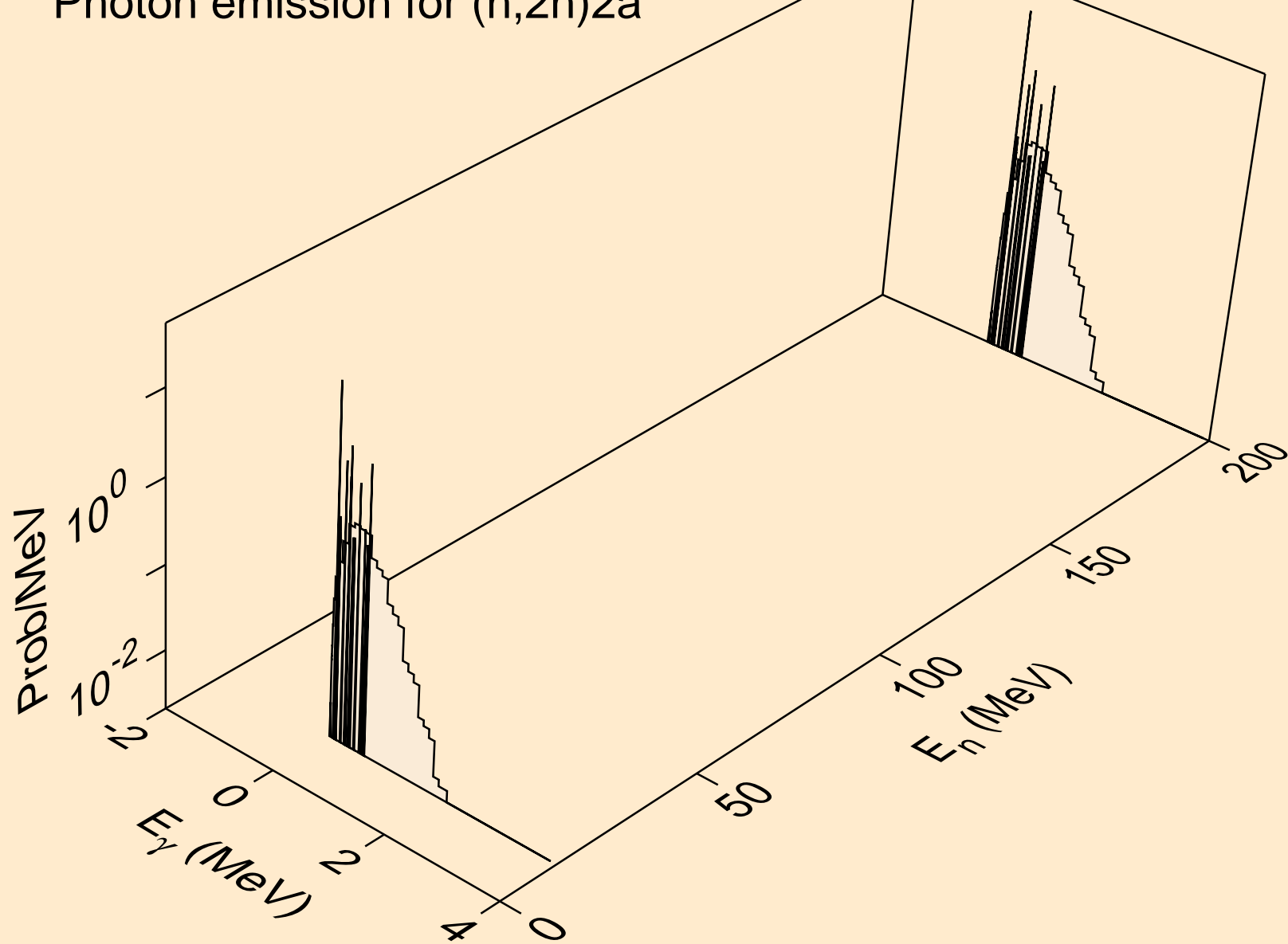




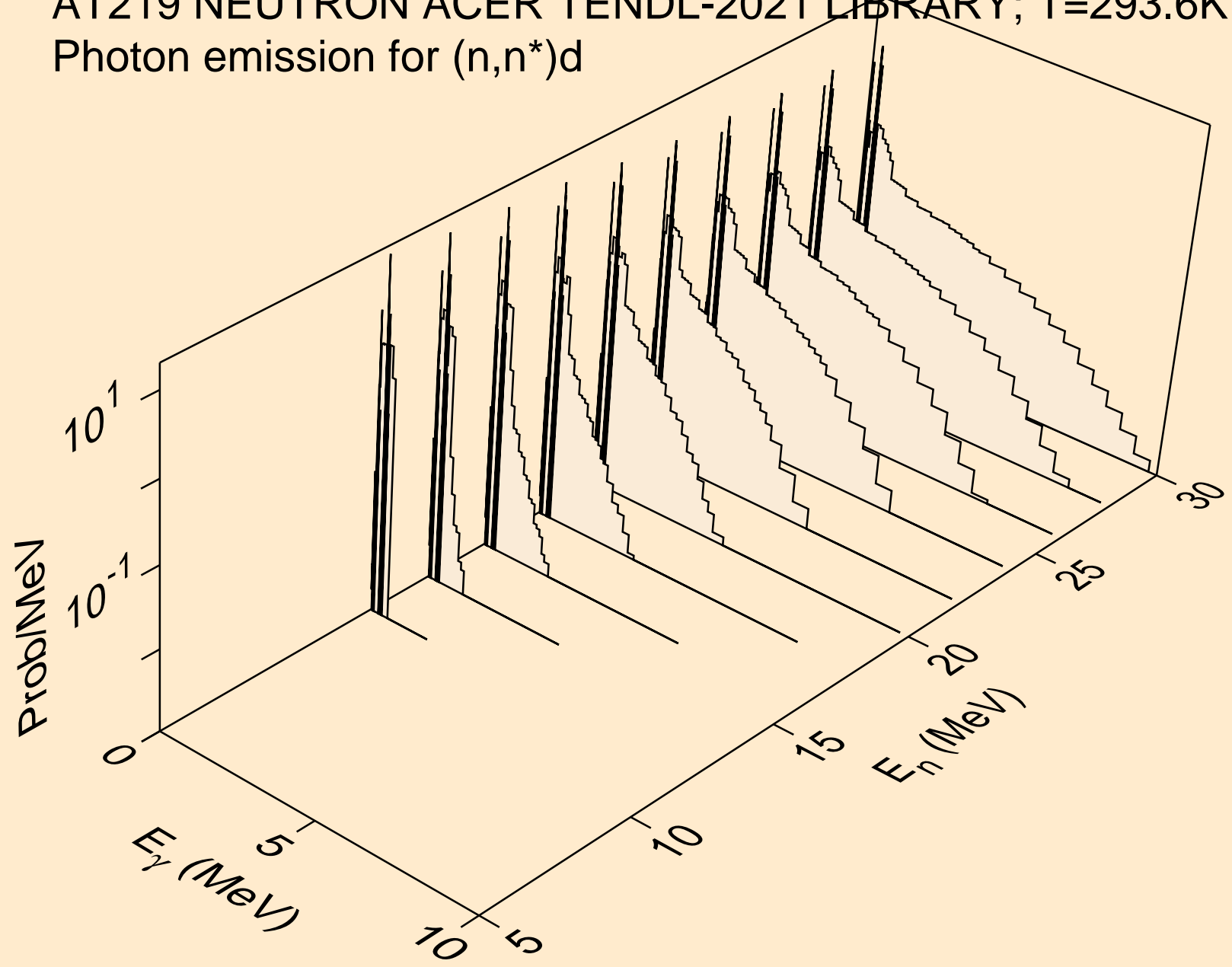
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Photon emission for (n,n\*)2a



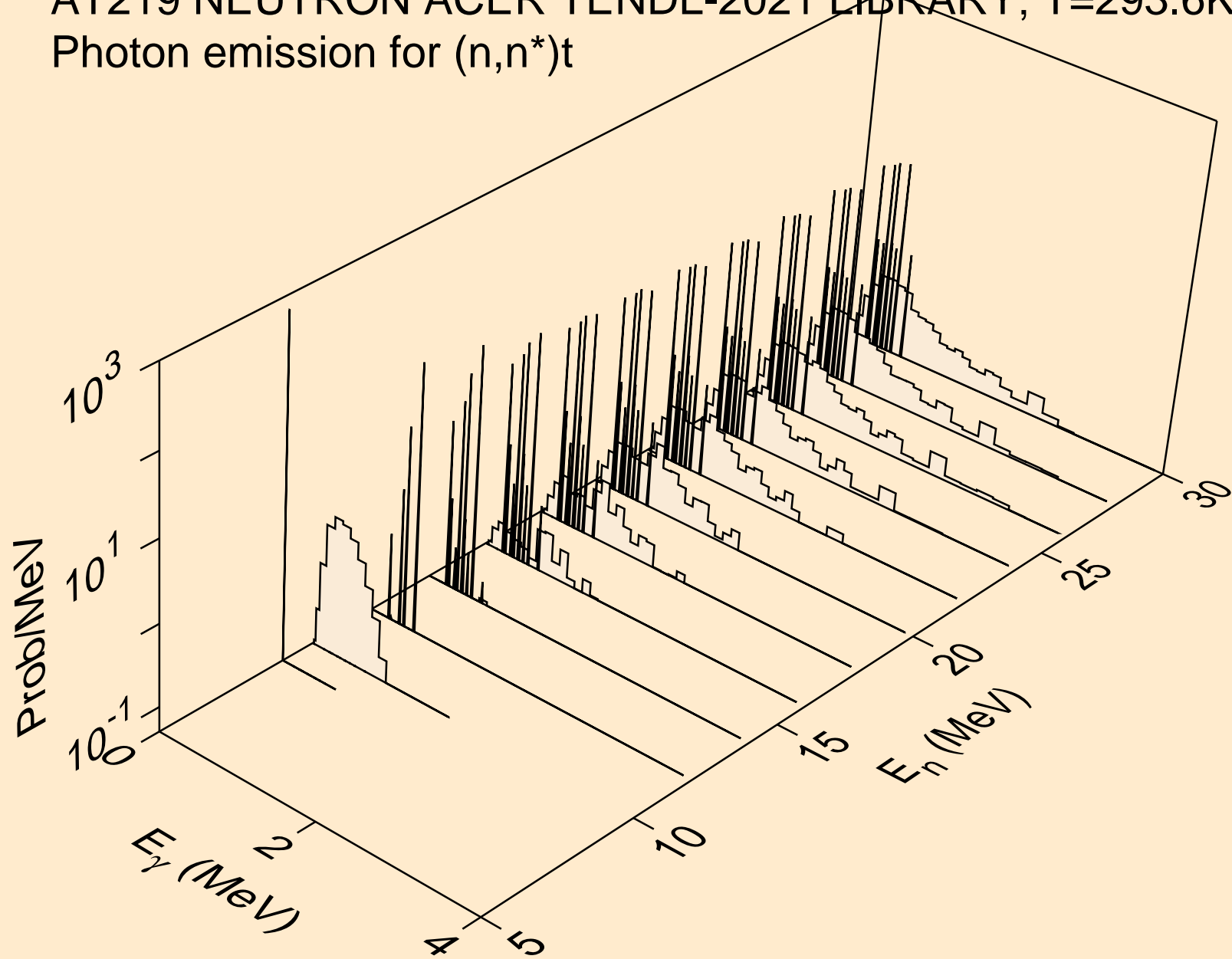
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Photon emission for (n,2n)2a



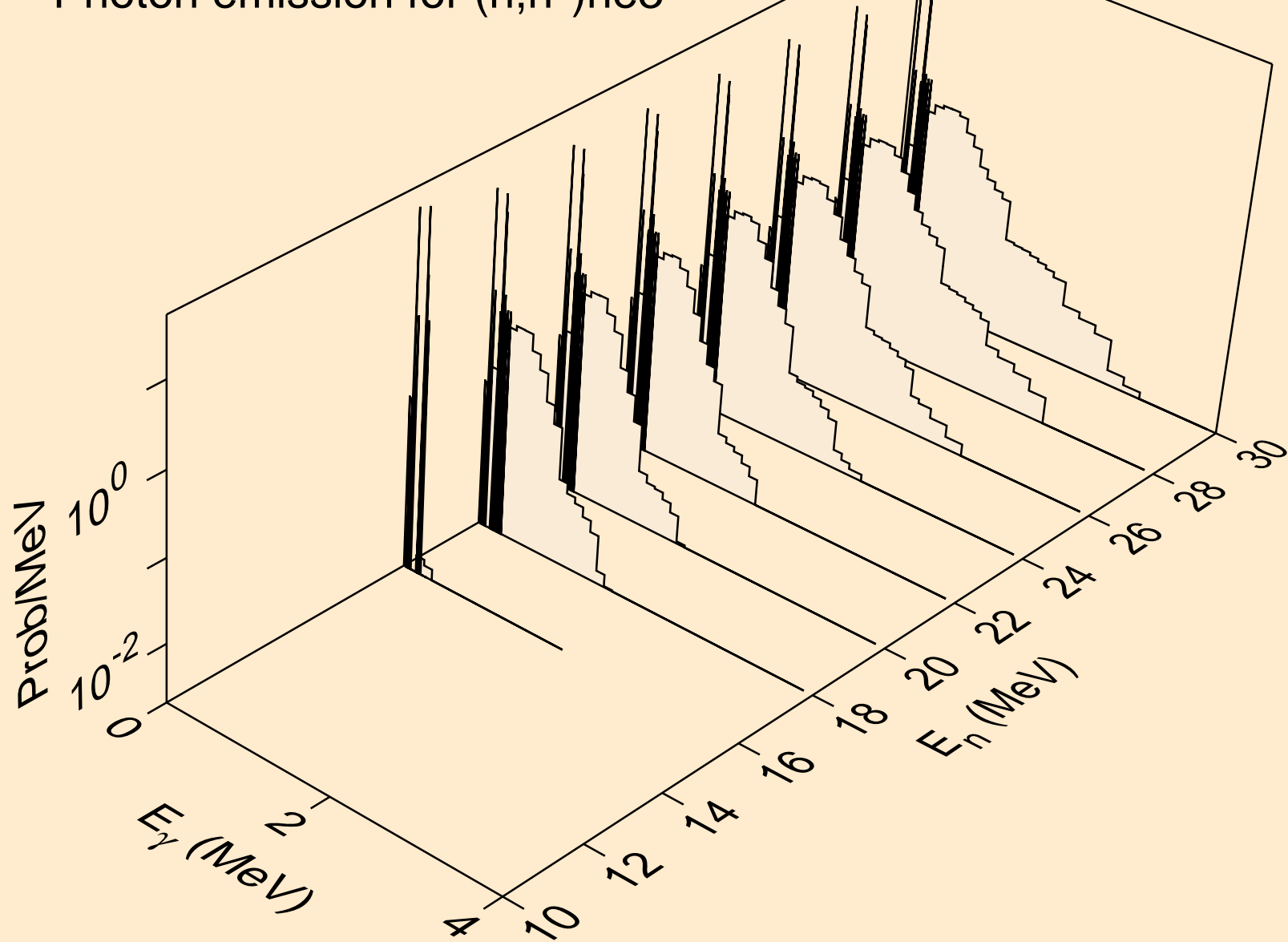
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



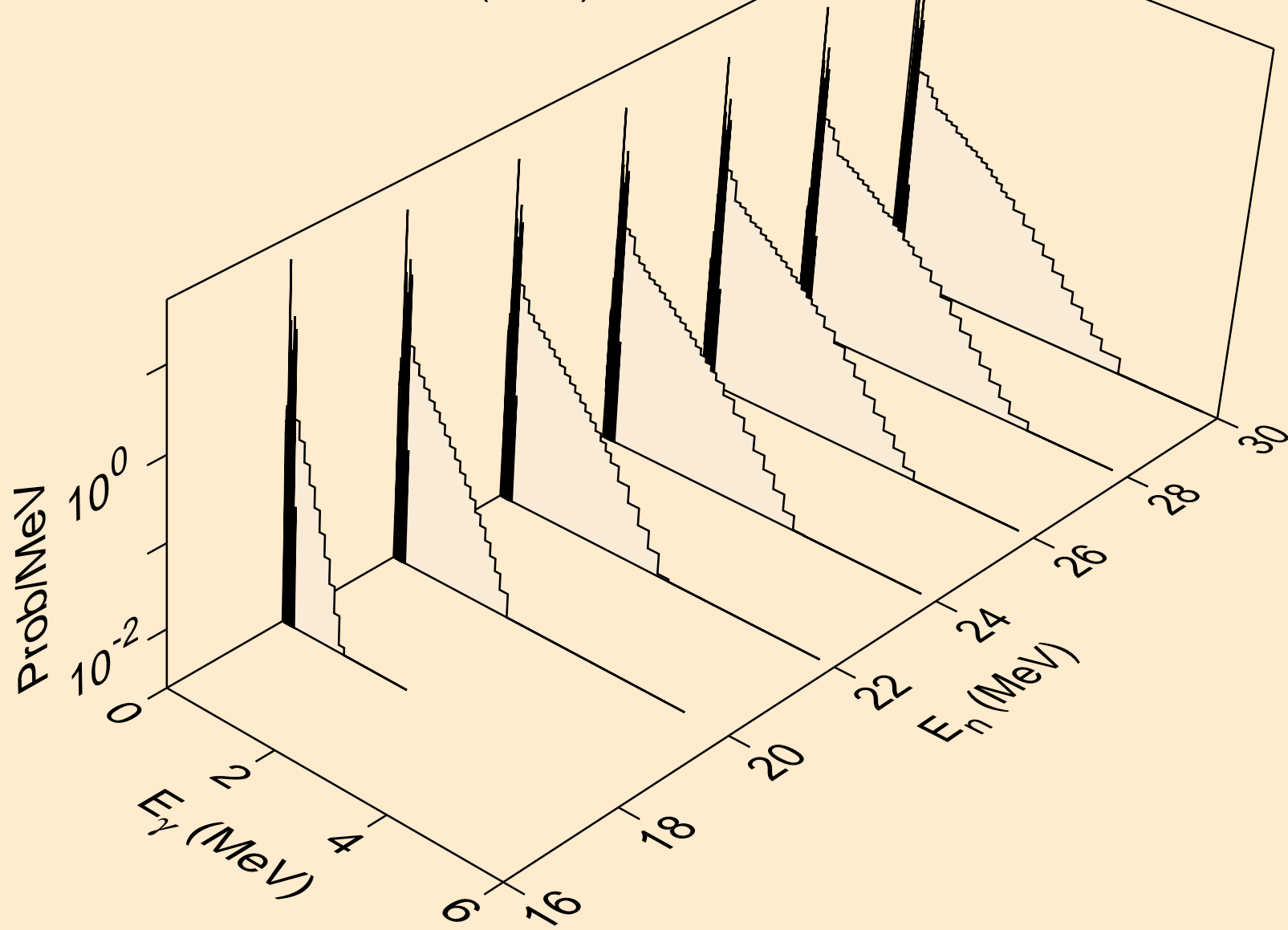
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Photon emission for (n,n\*)t



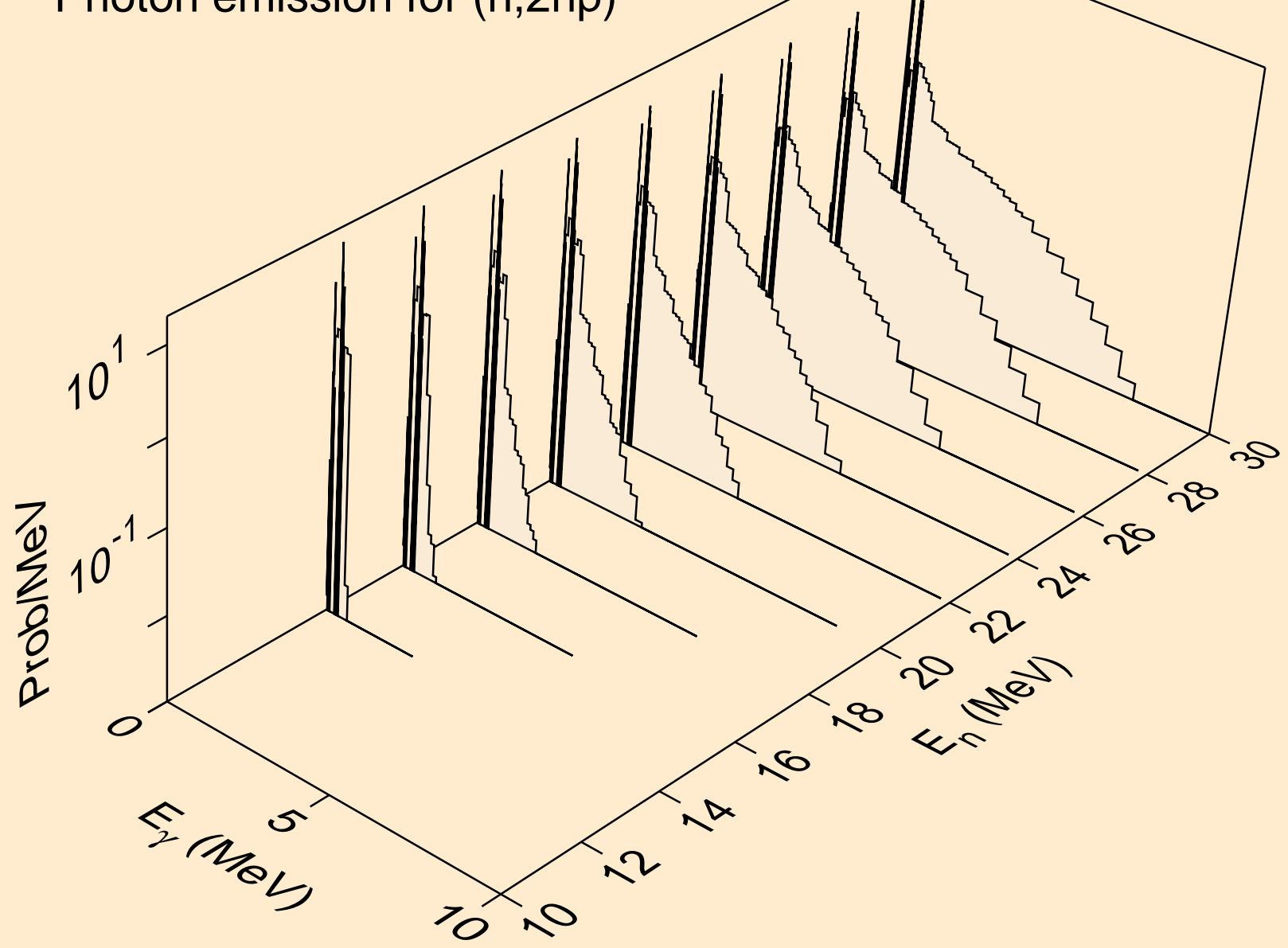
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



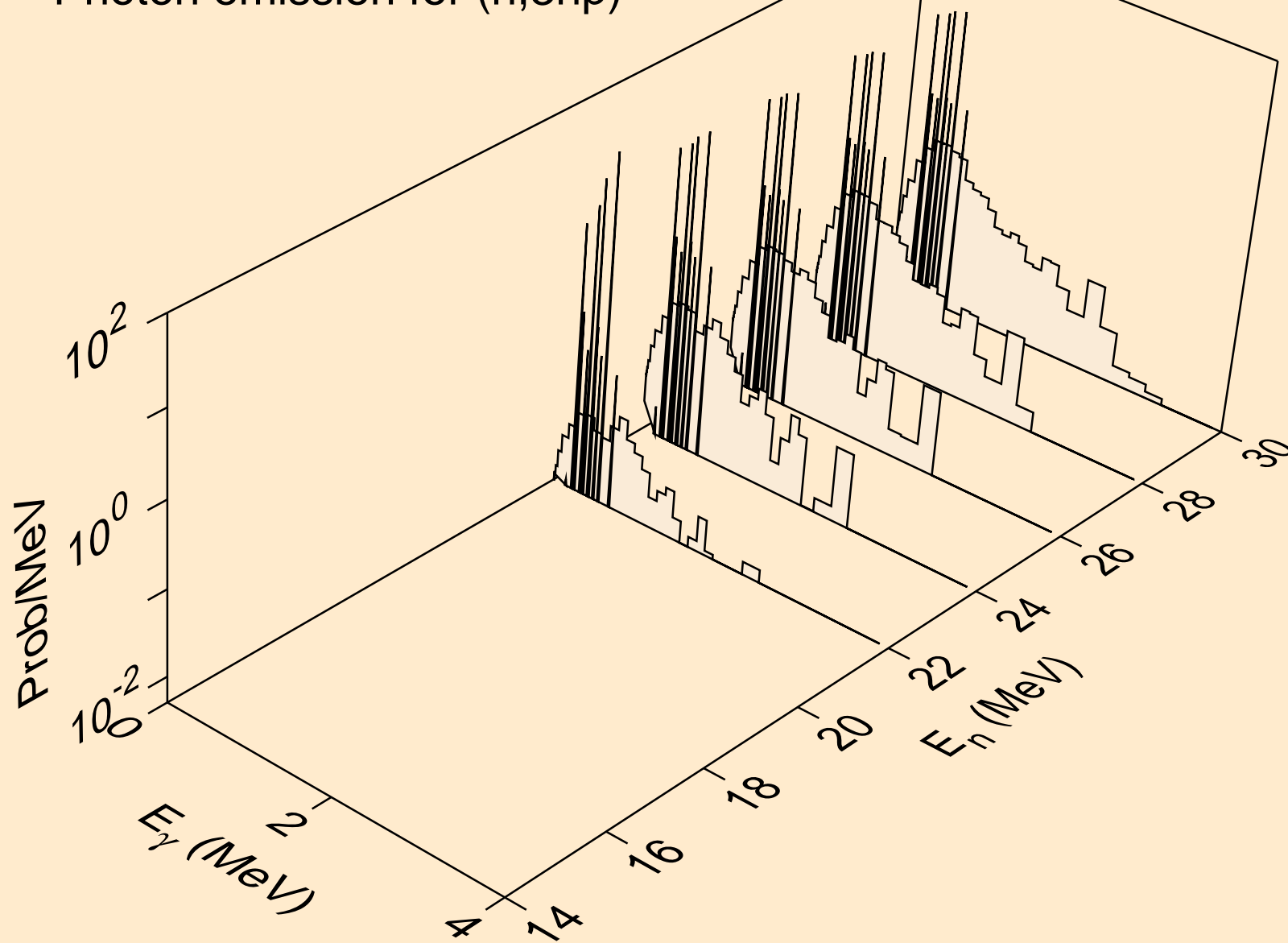
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

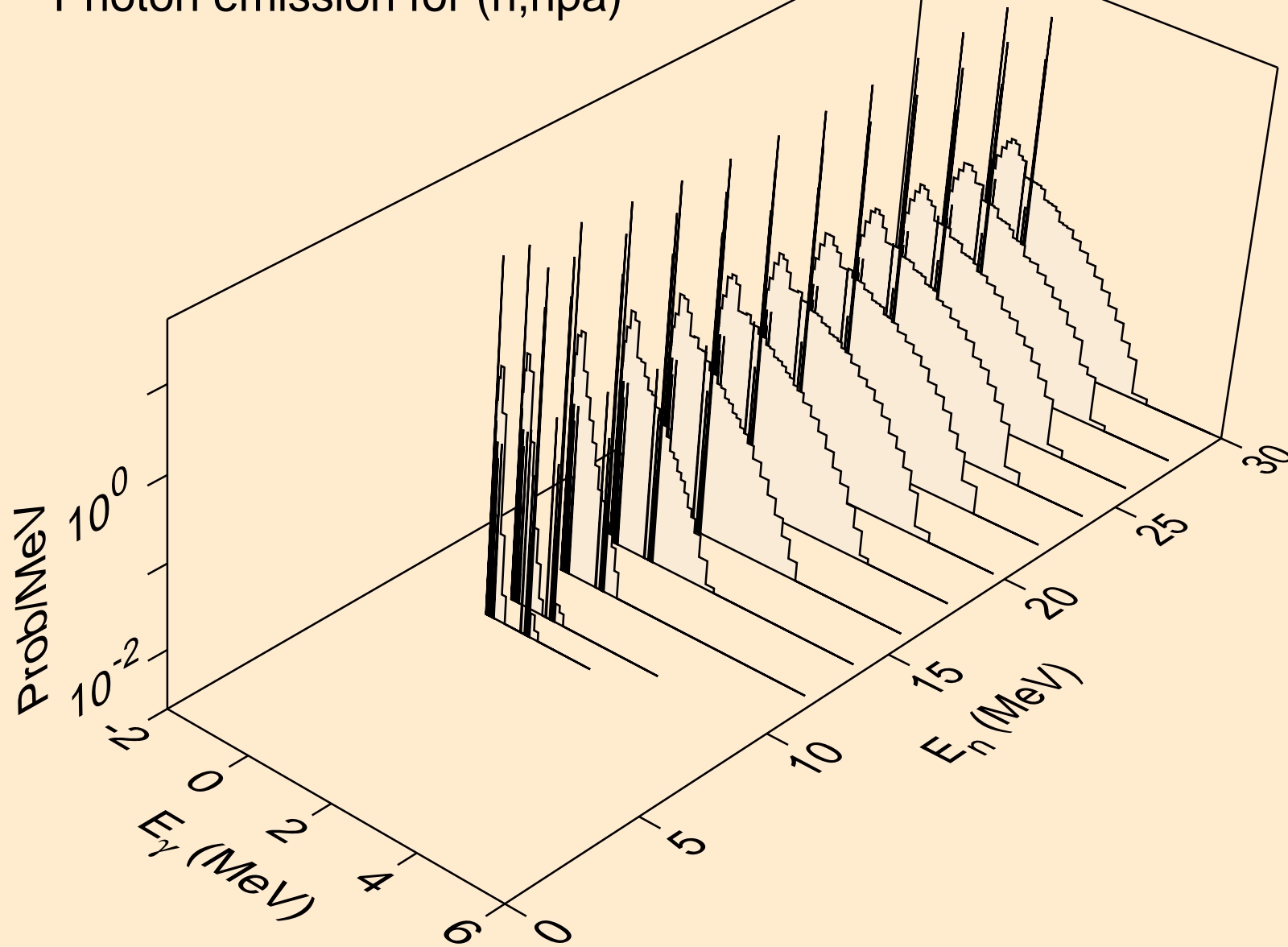


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Photon emission for (n,3np)

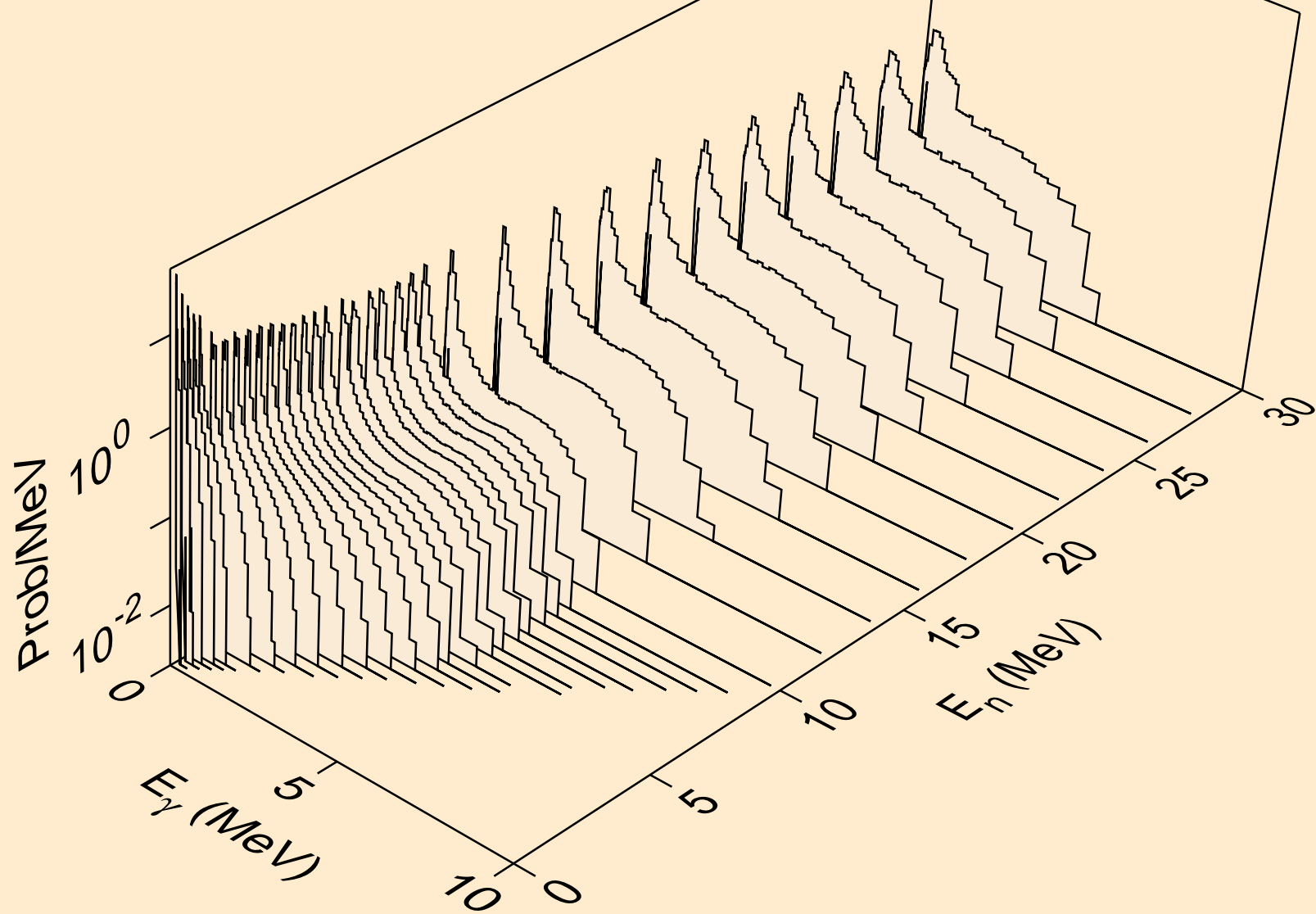




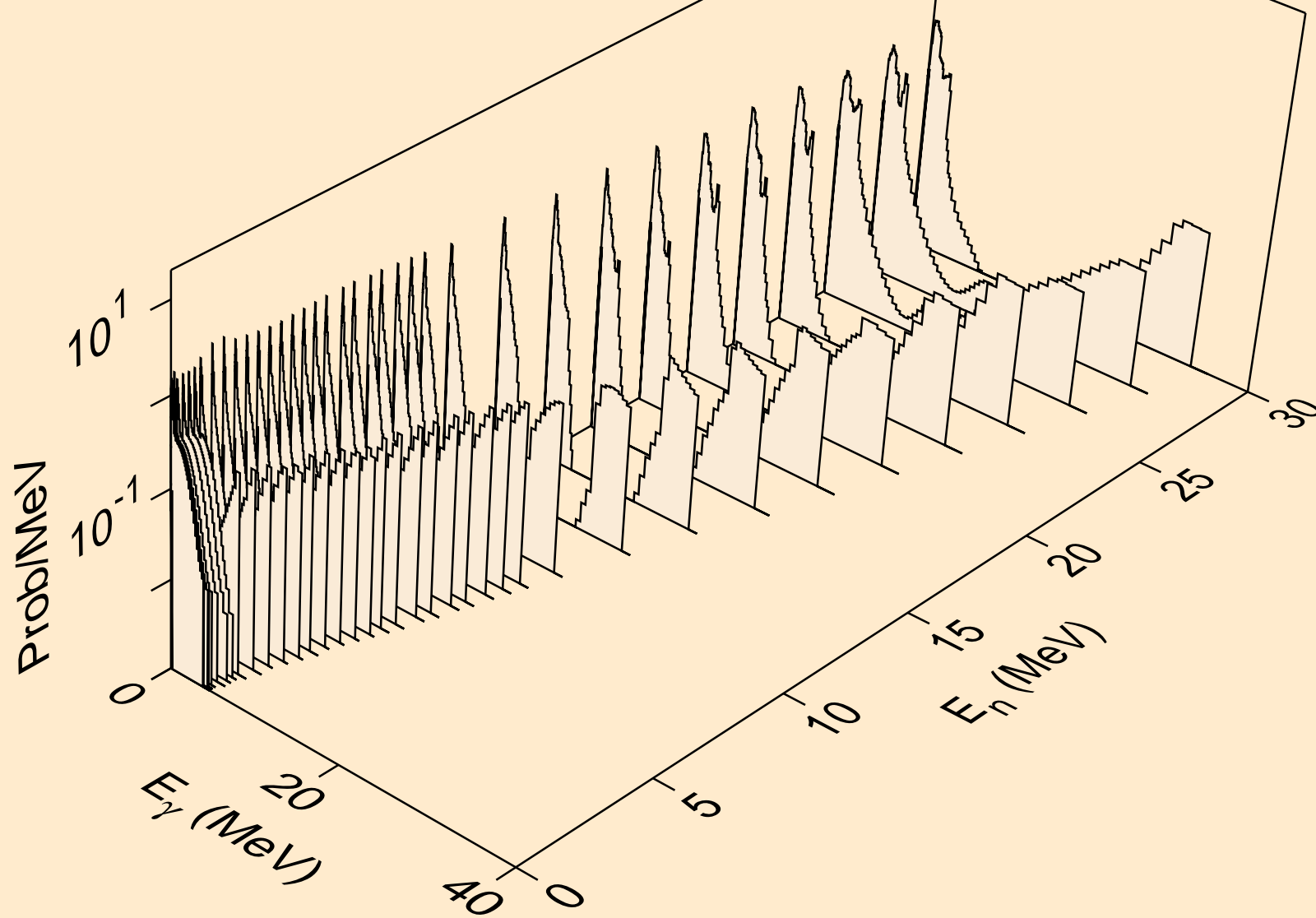
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Photon emission for (n,npa)



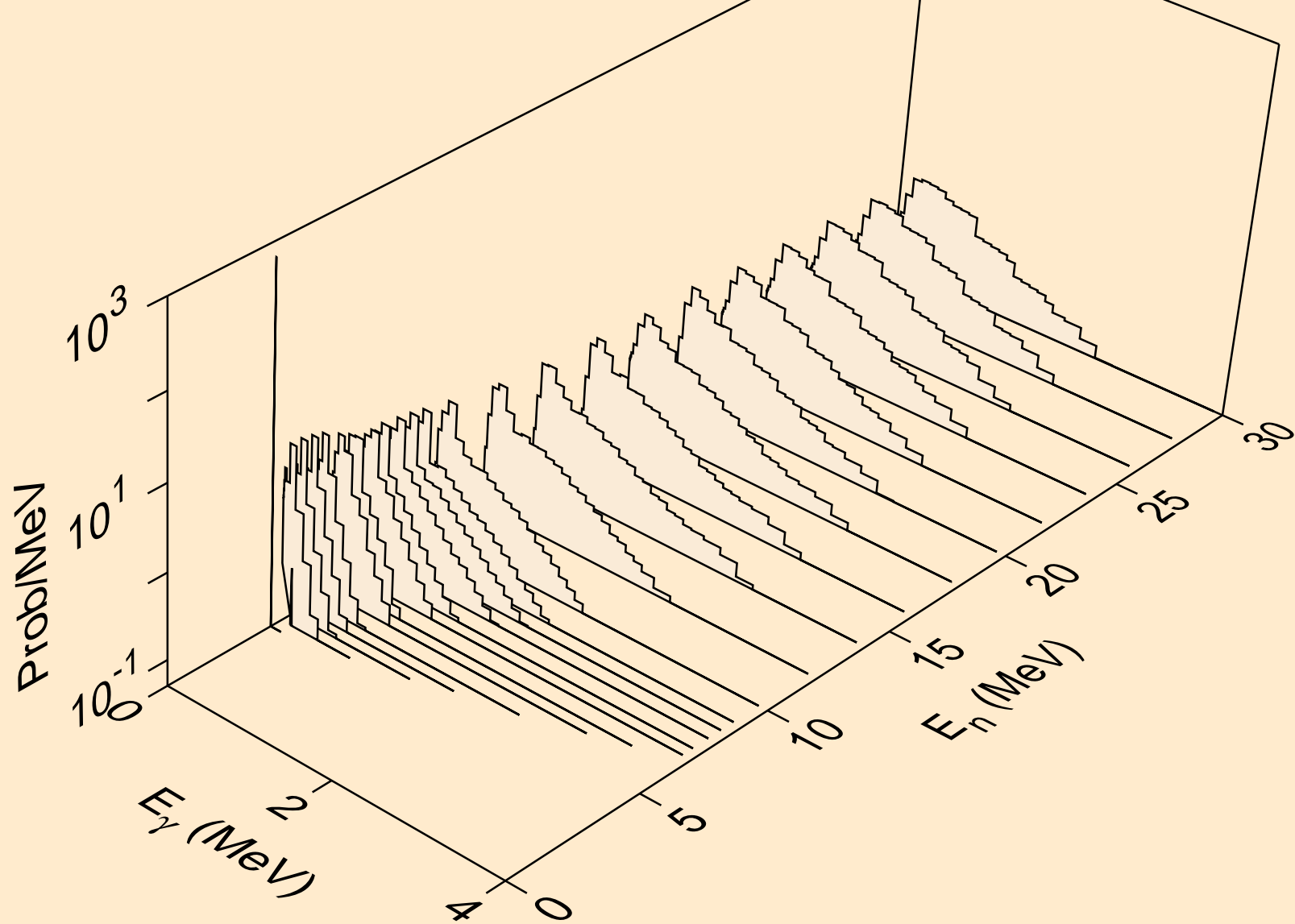
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



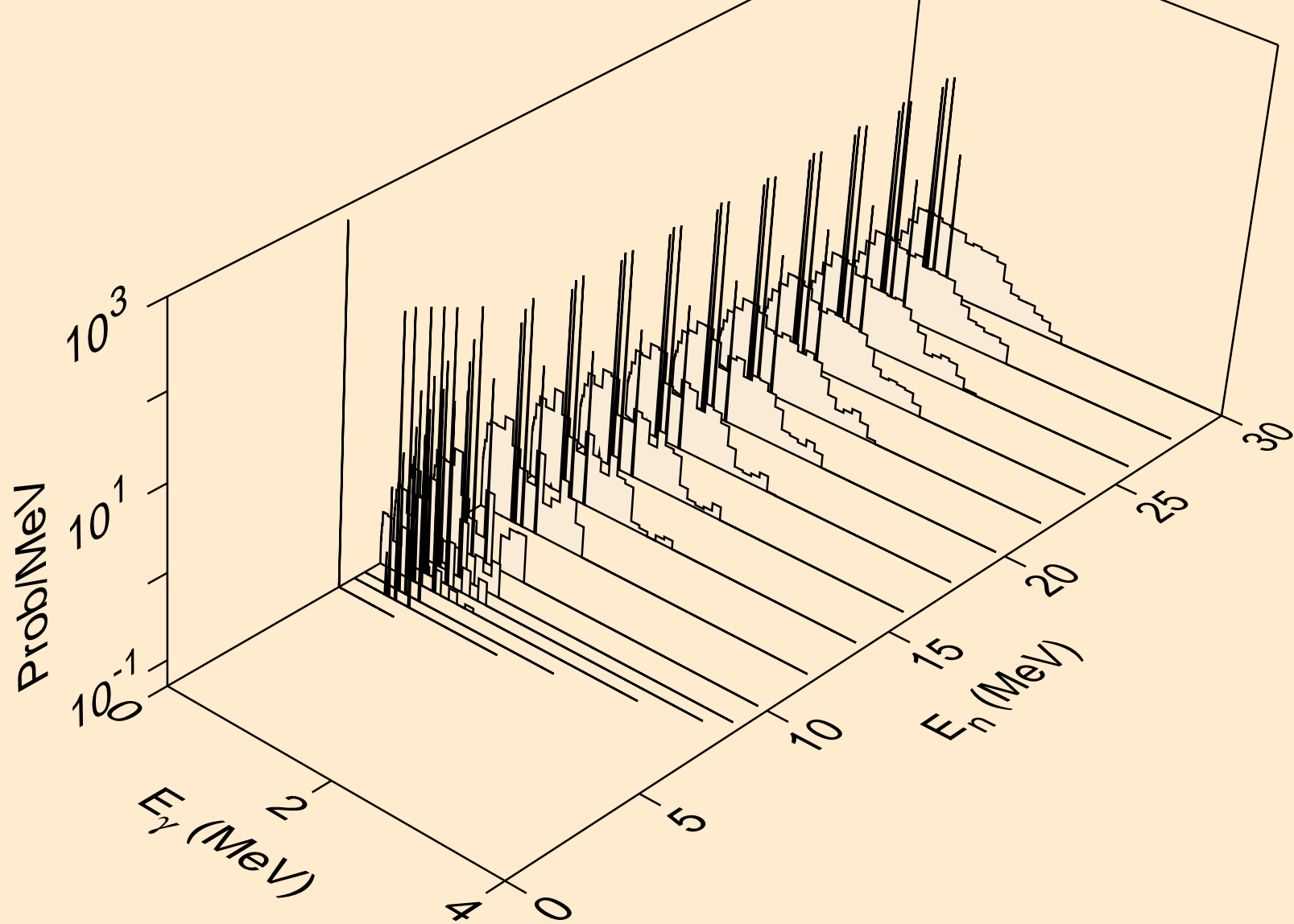
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



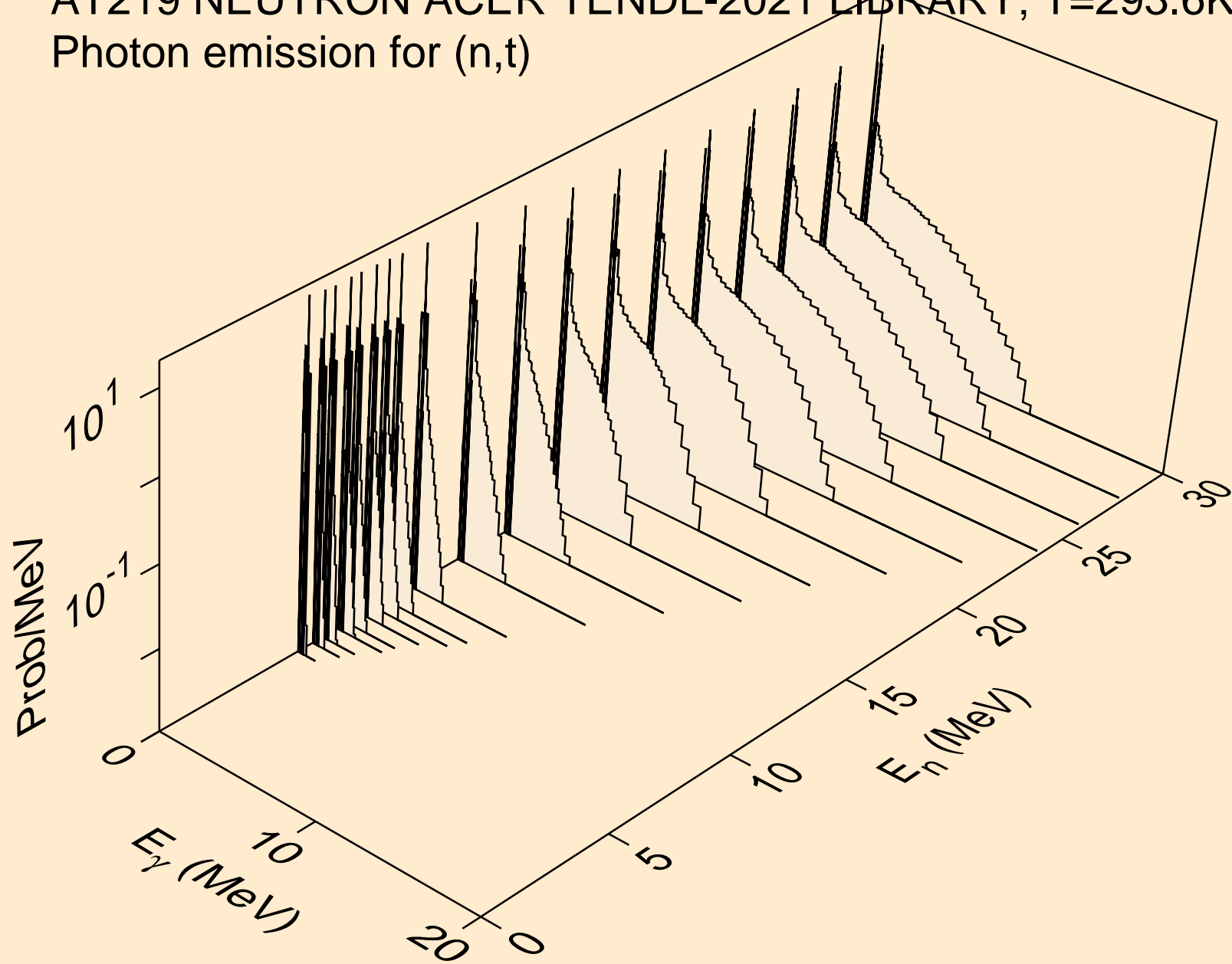
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



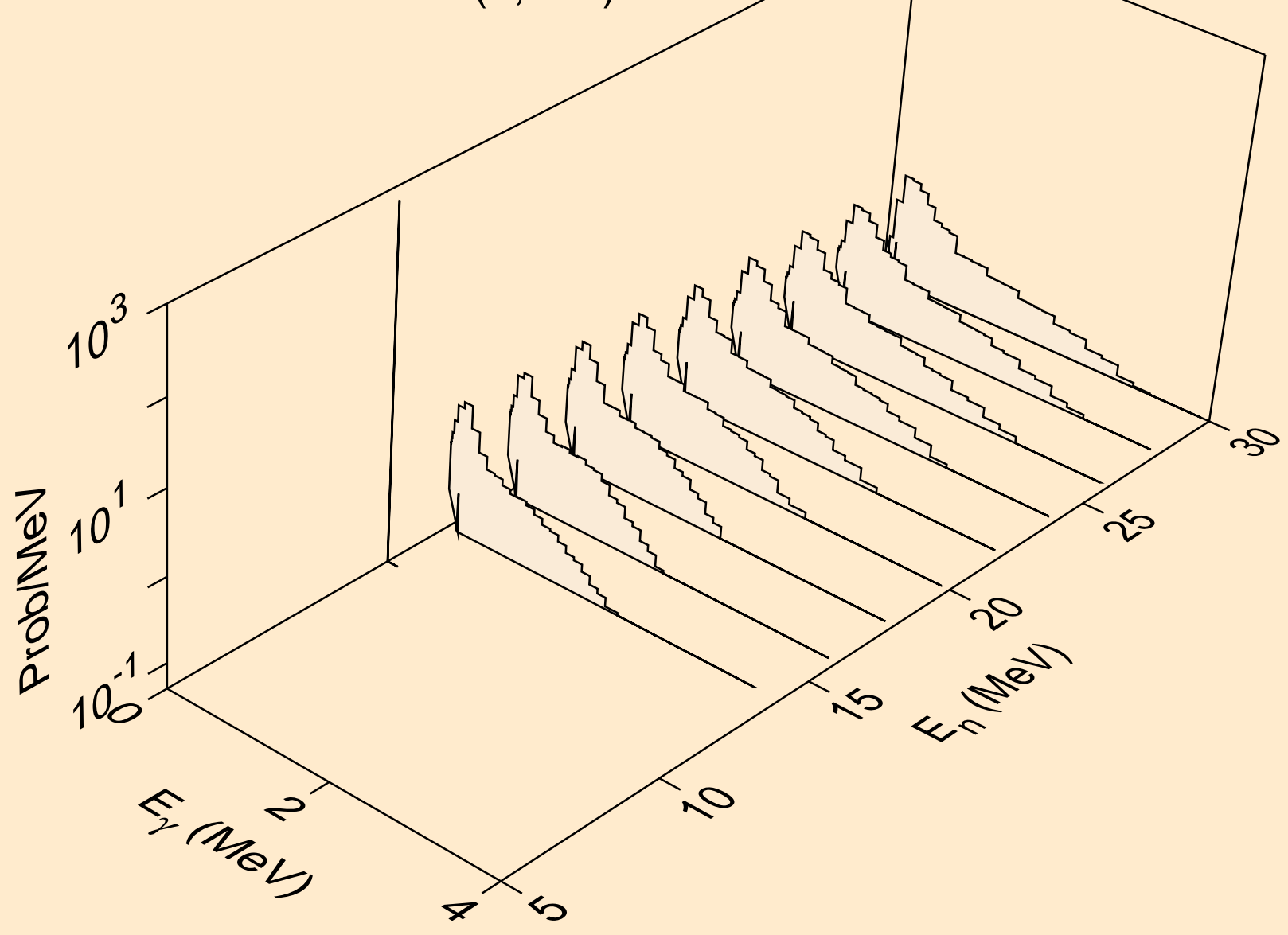
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



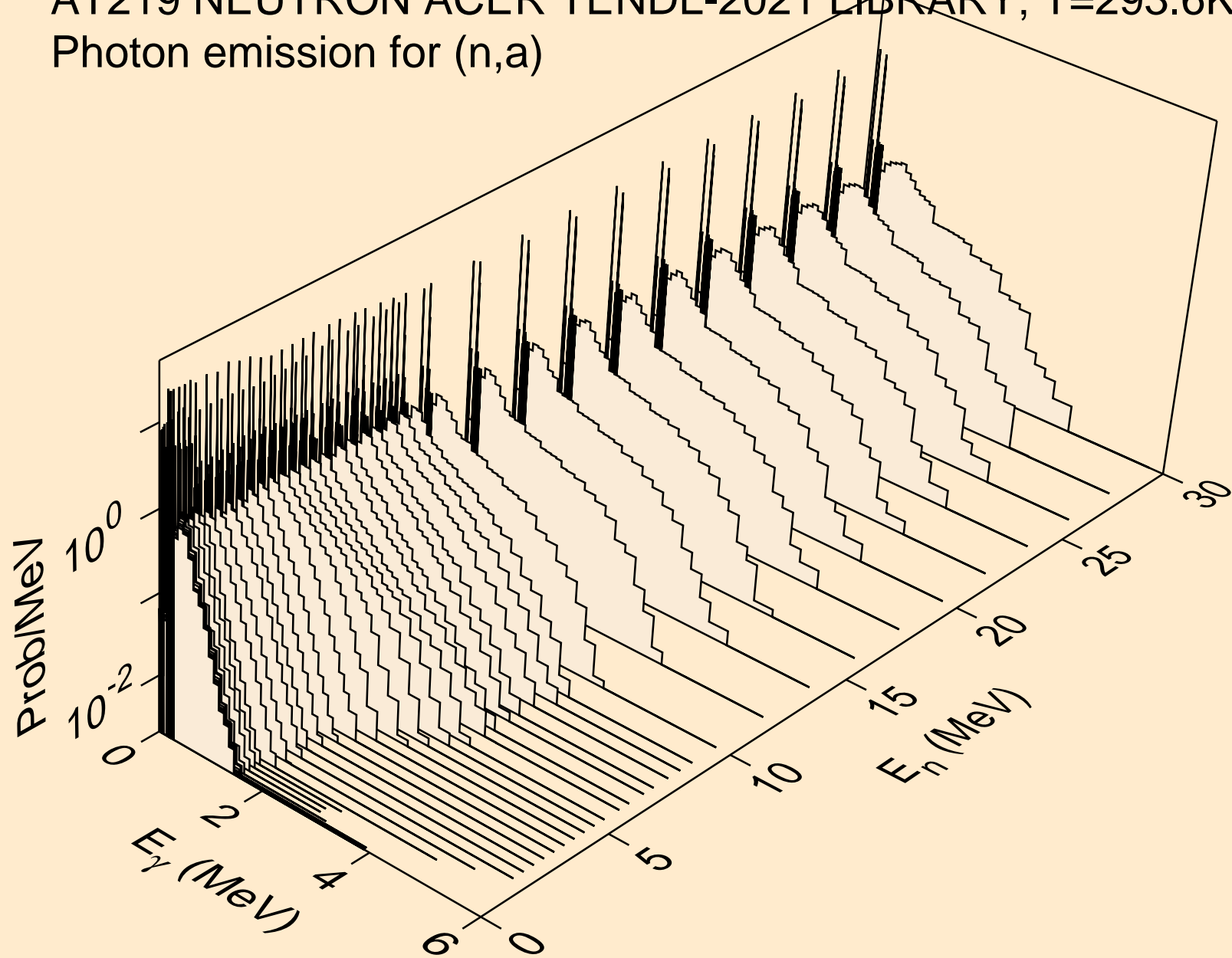
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

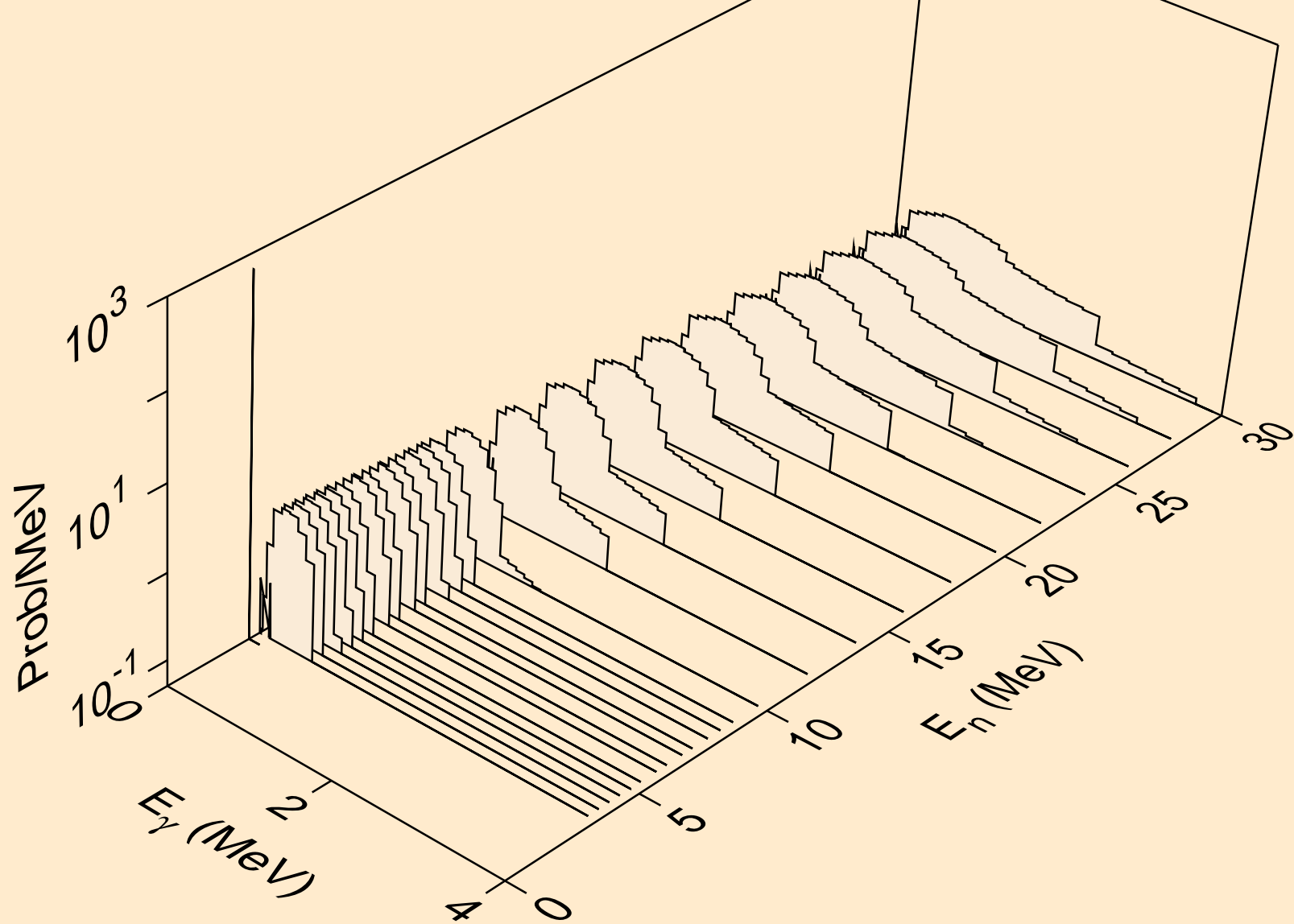


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

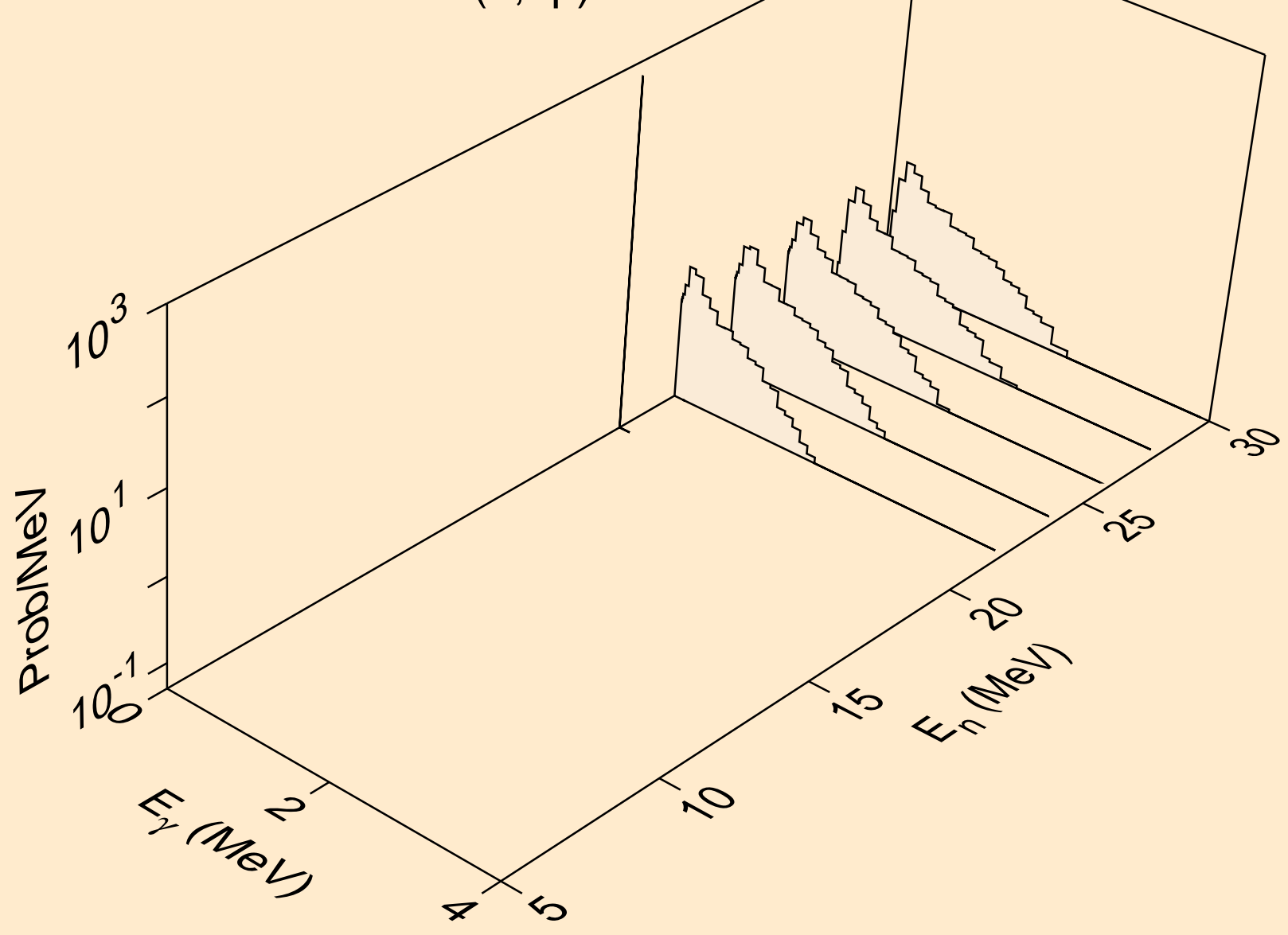




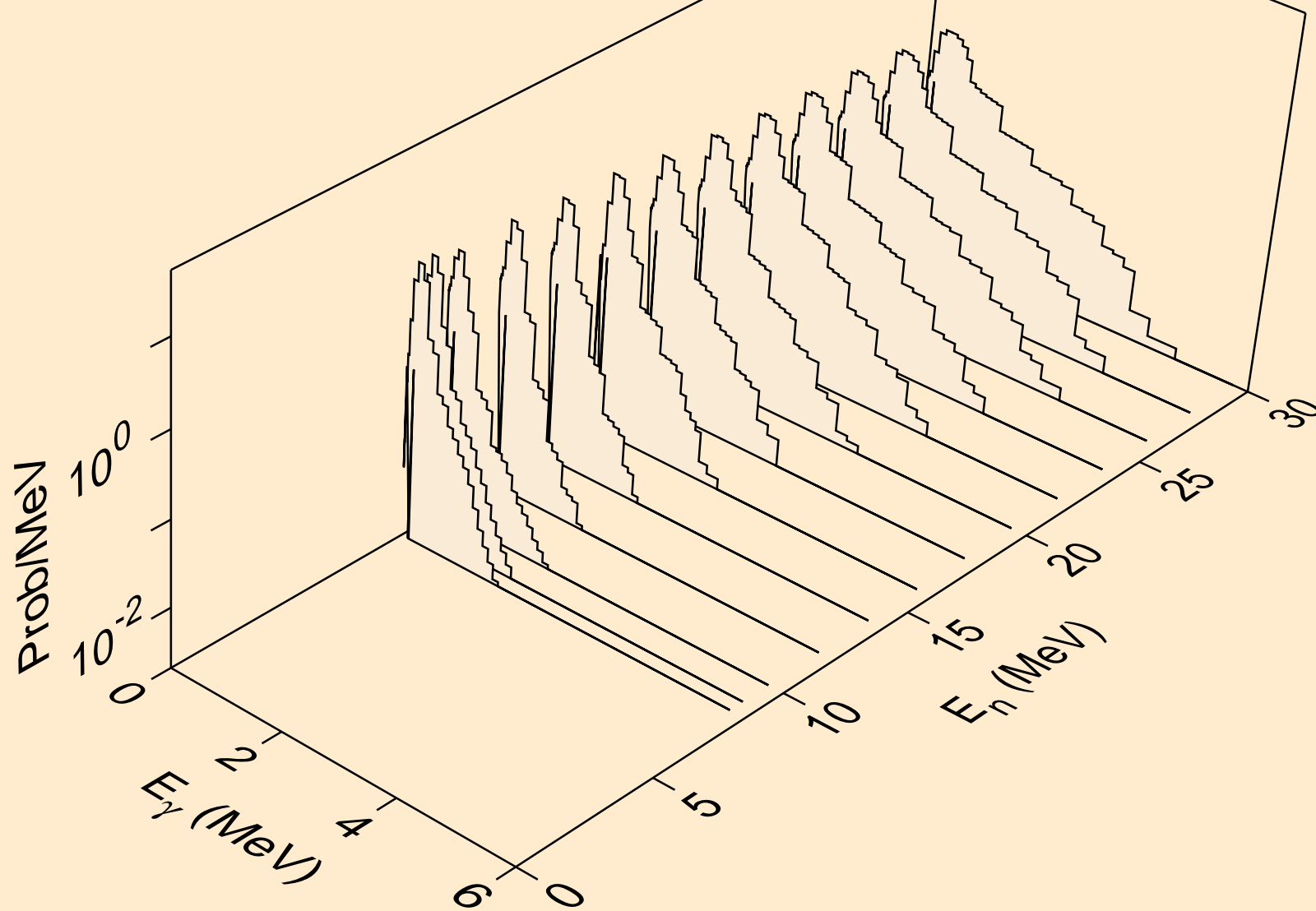
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



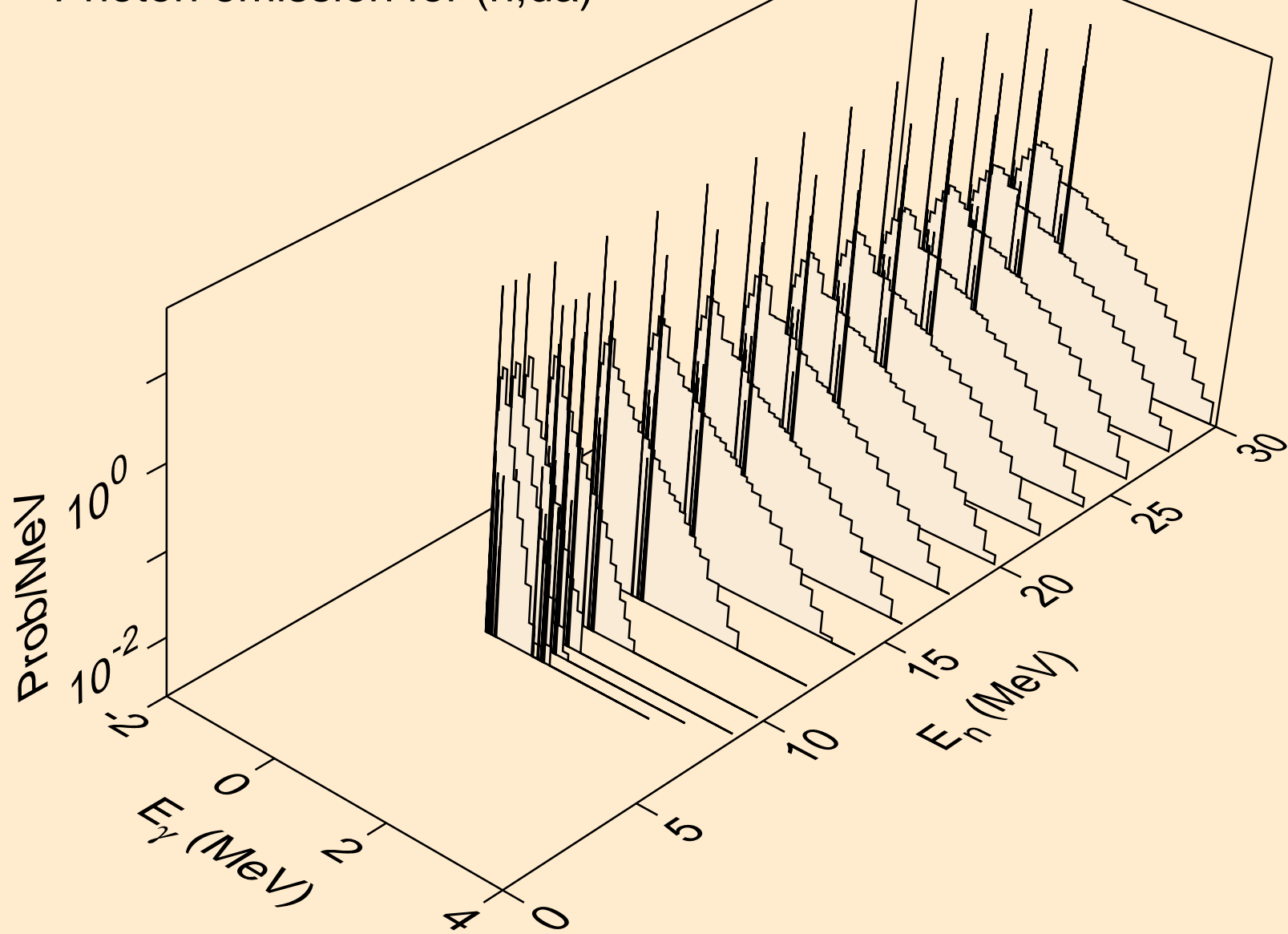
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



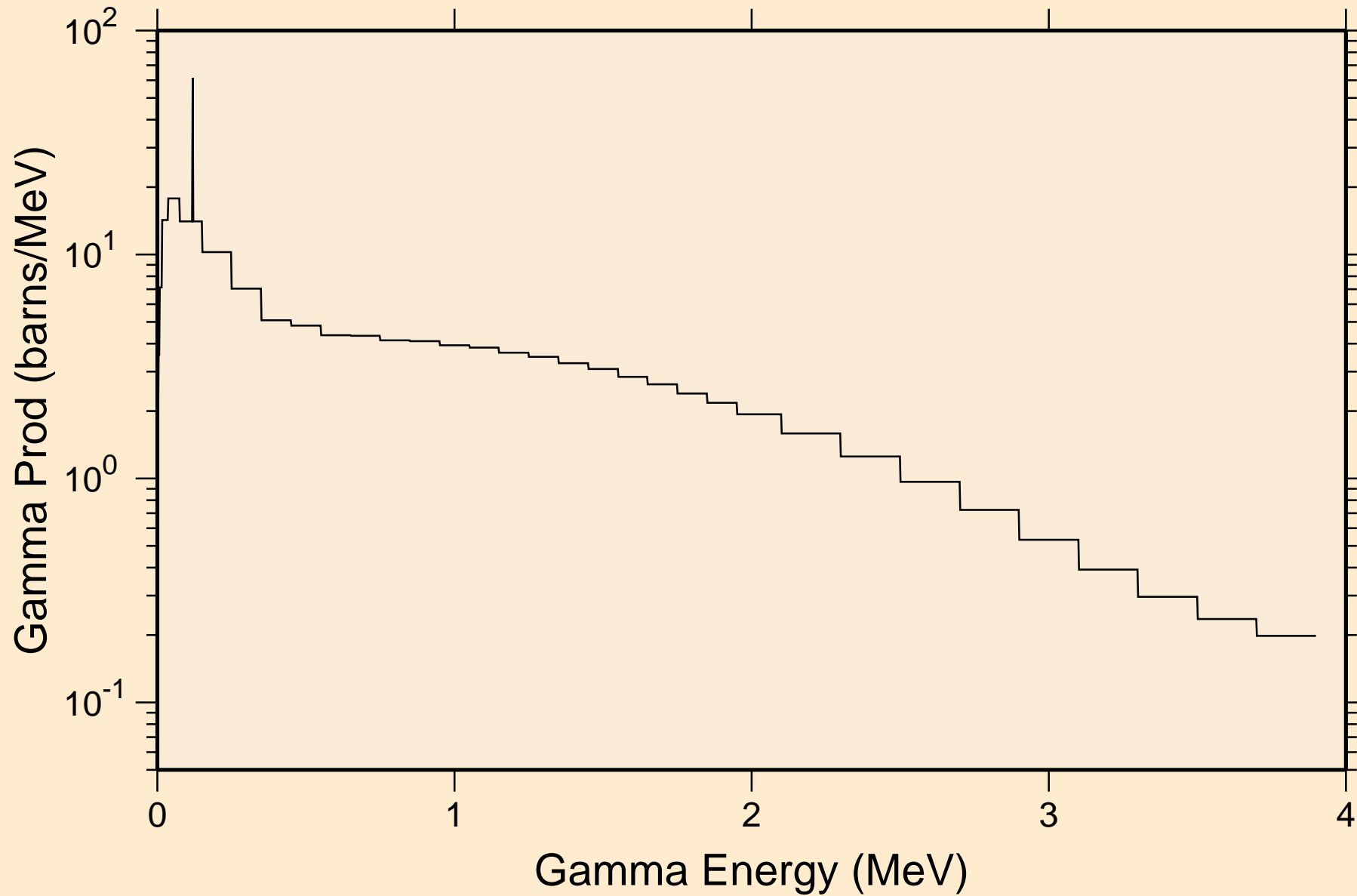
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



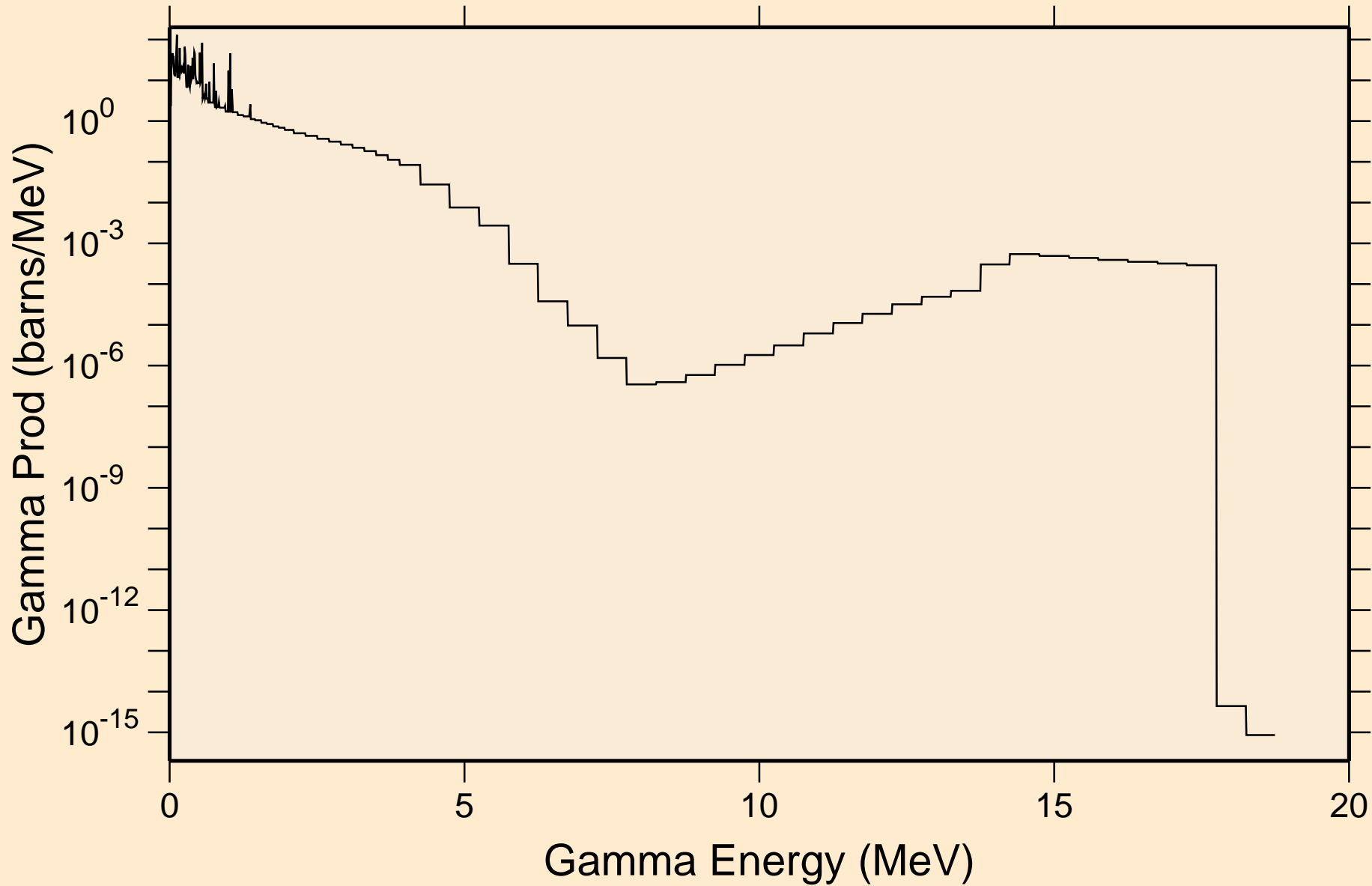
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

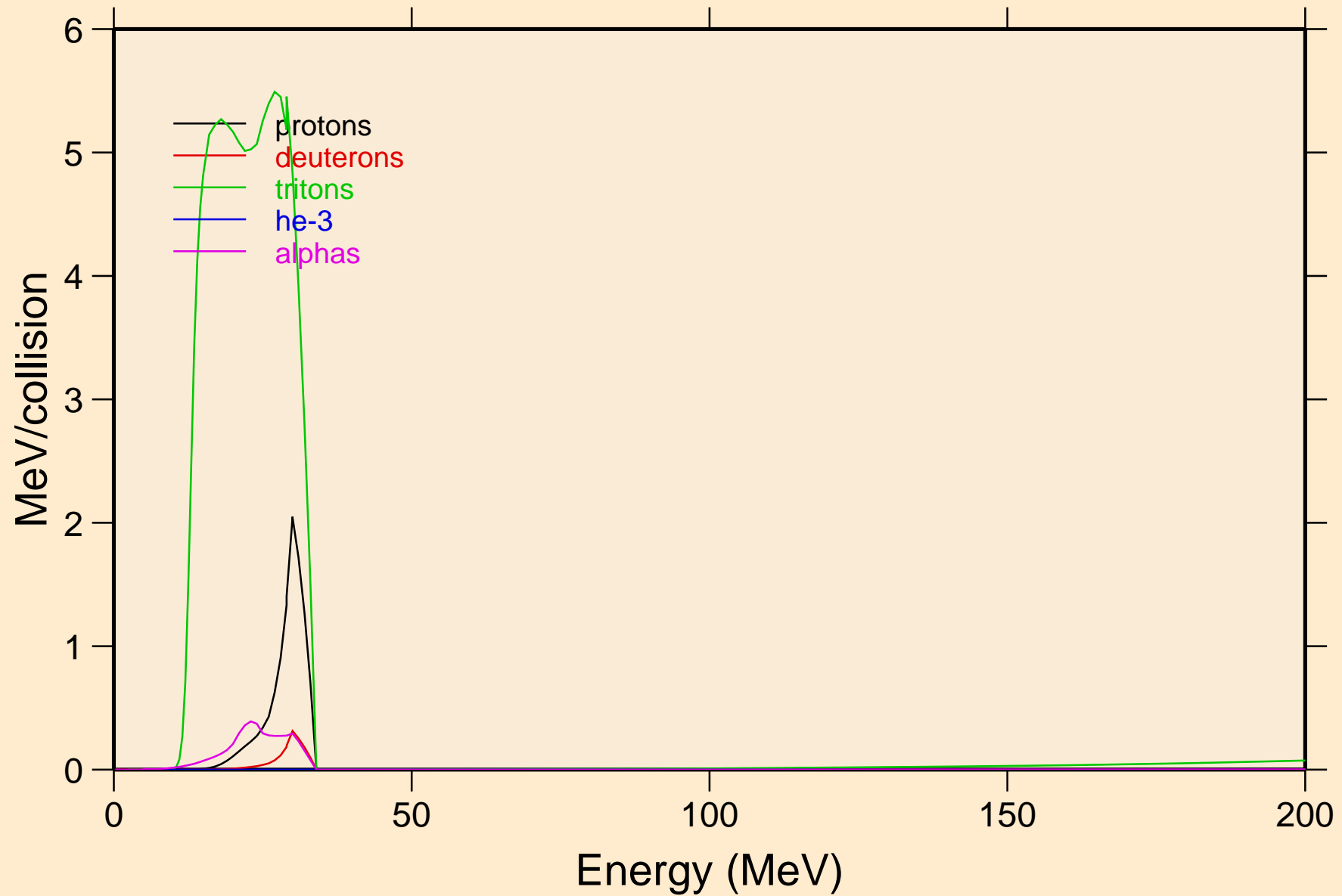


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

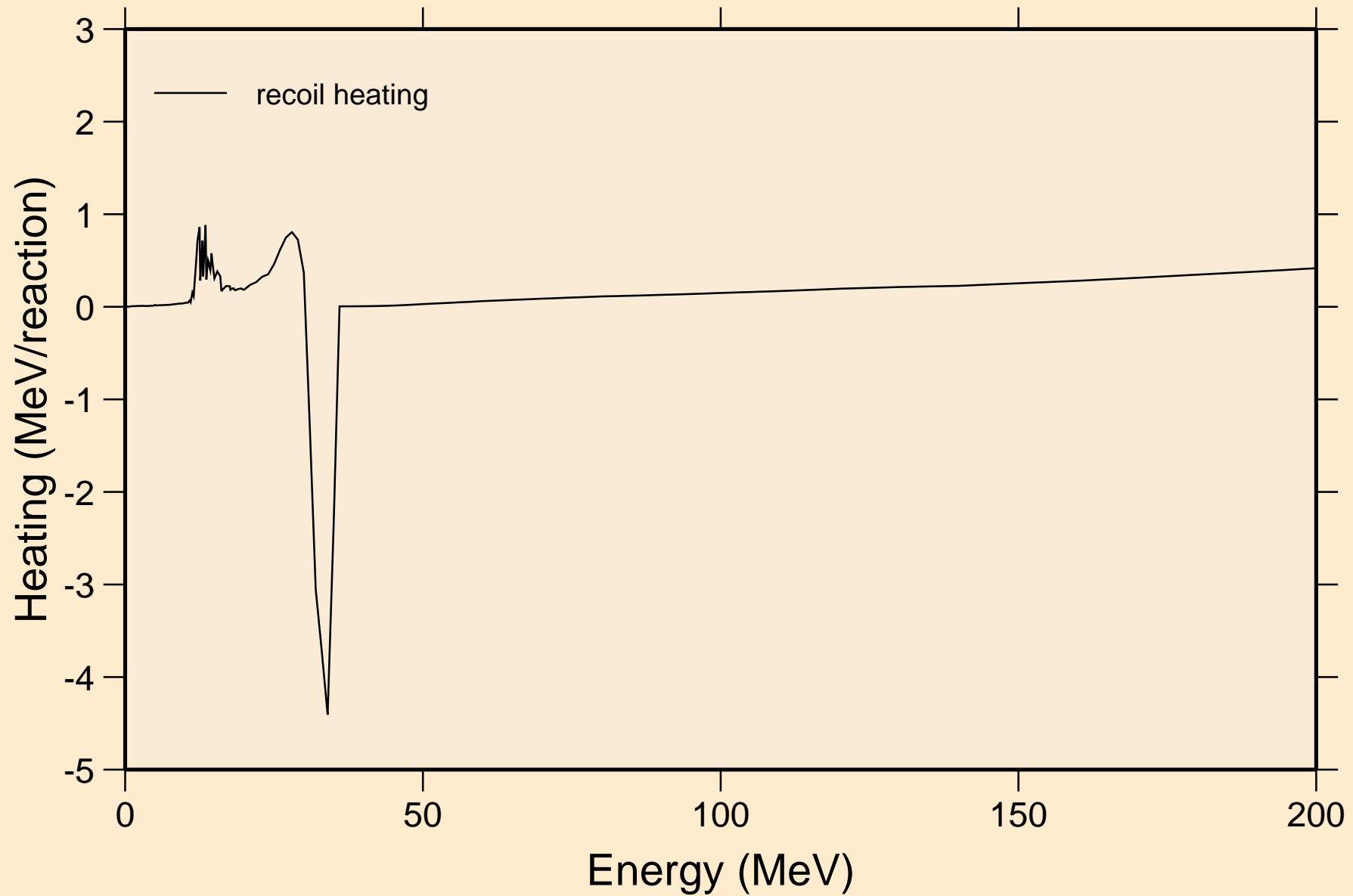


# AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

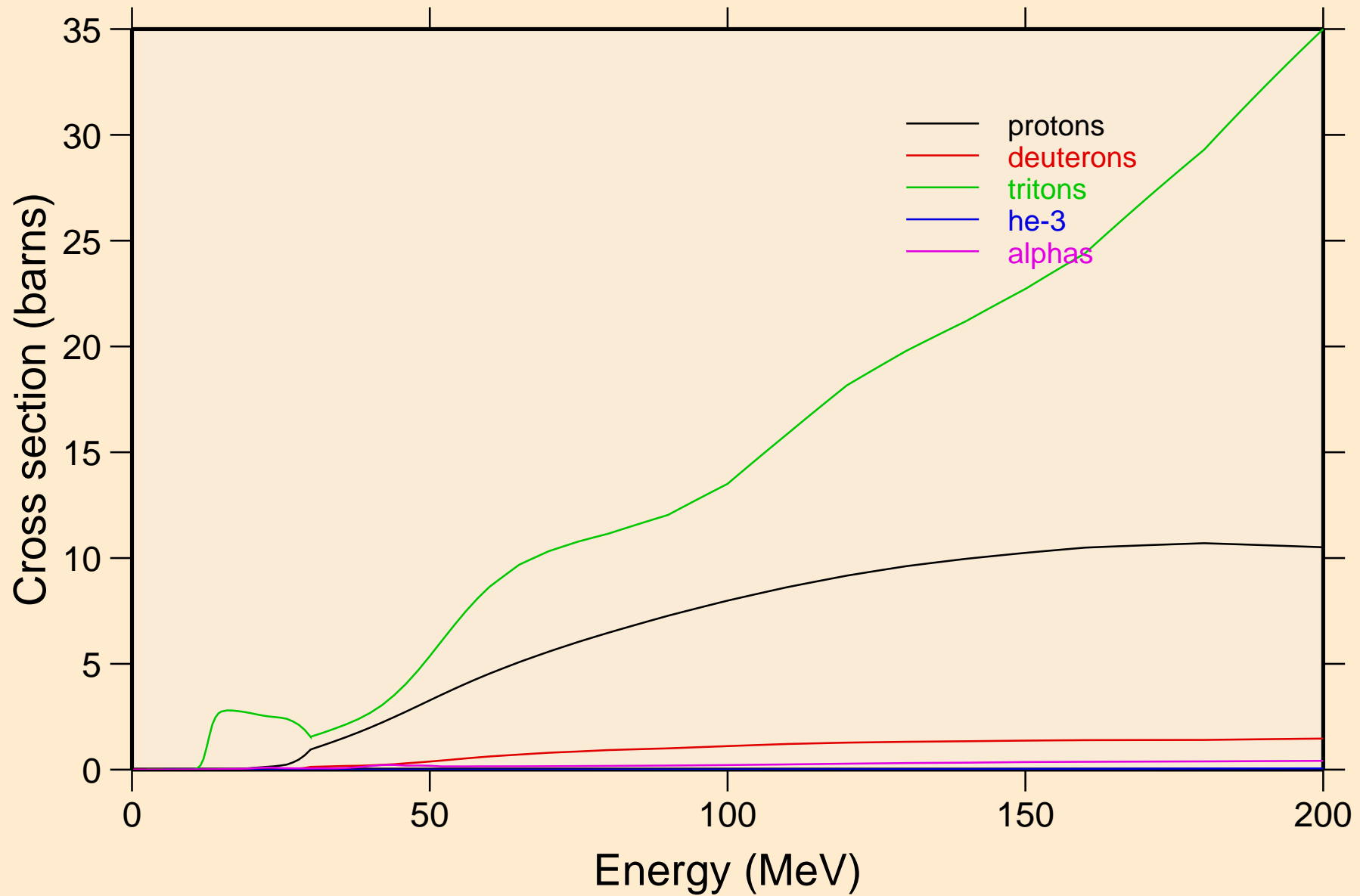


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

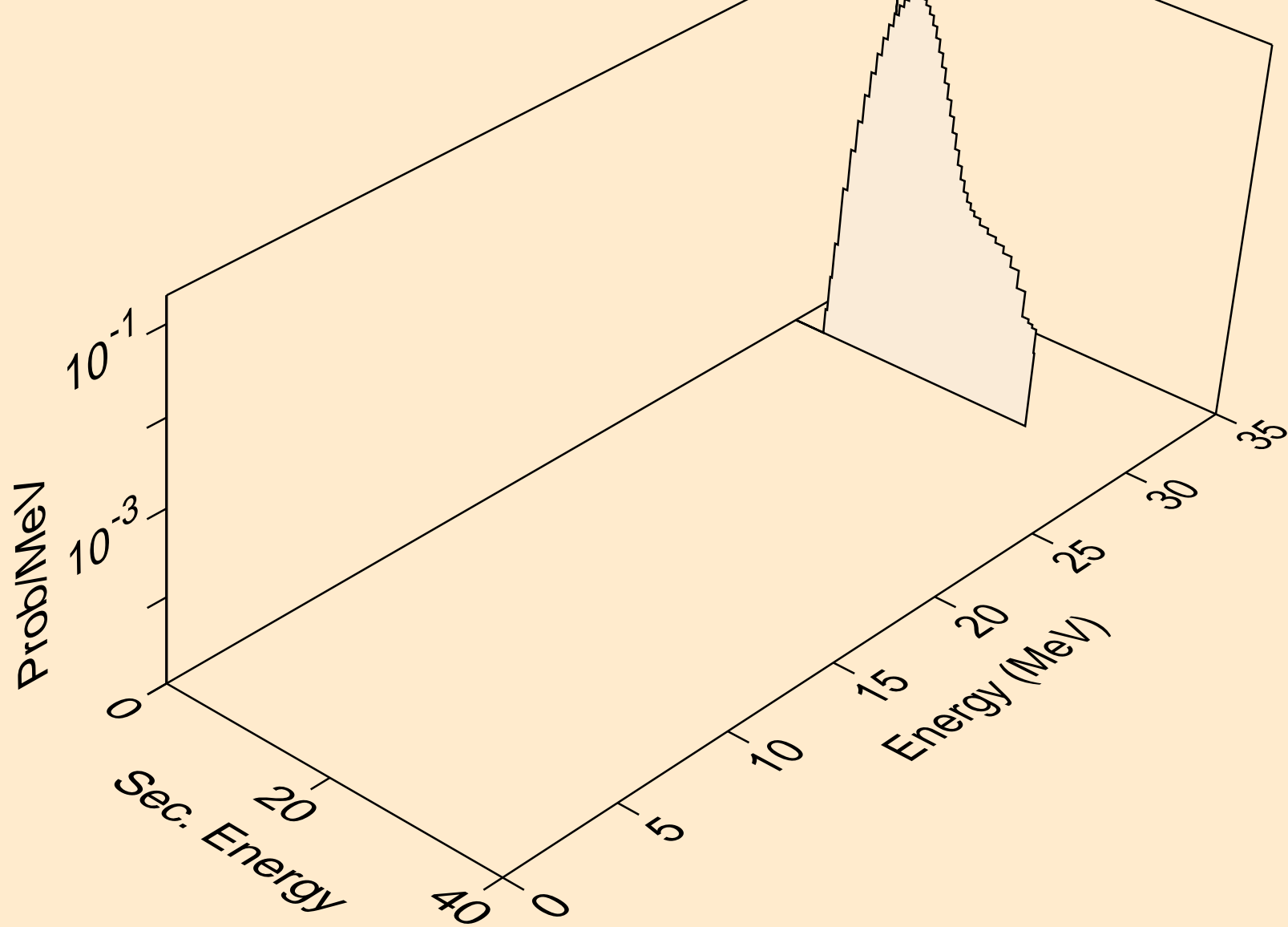




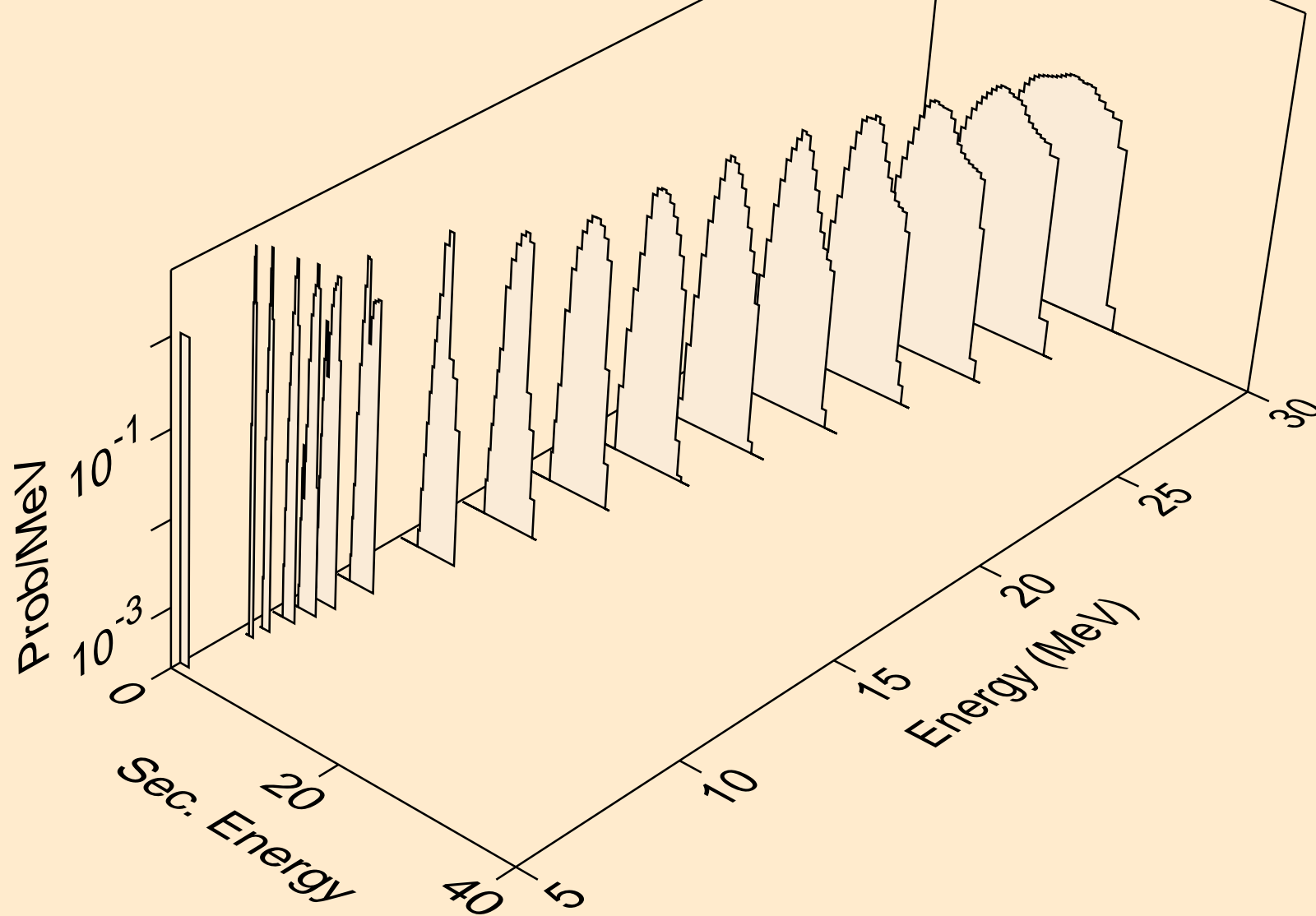
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



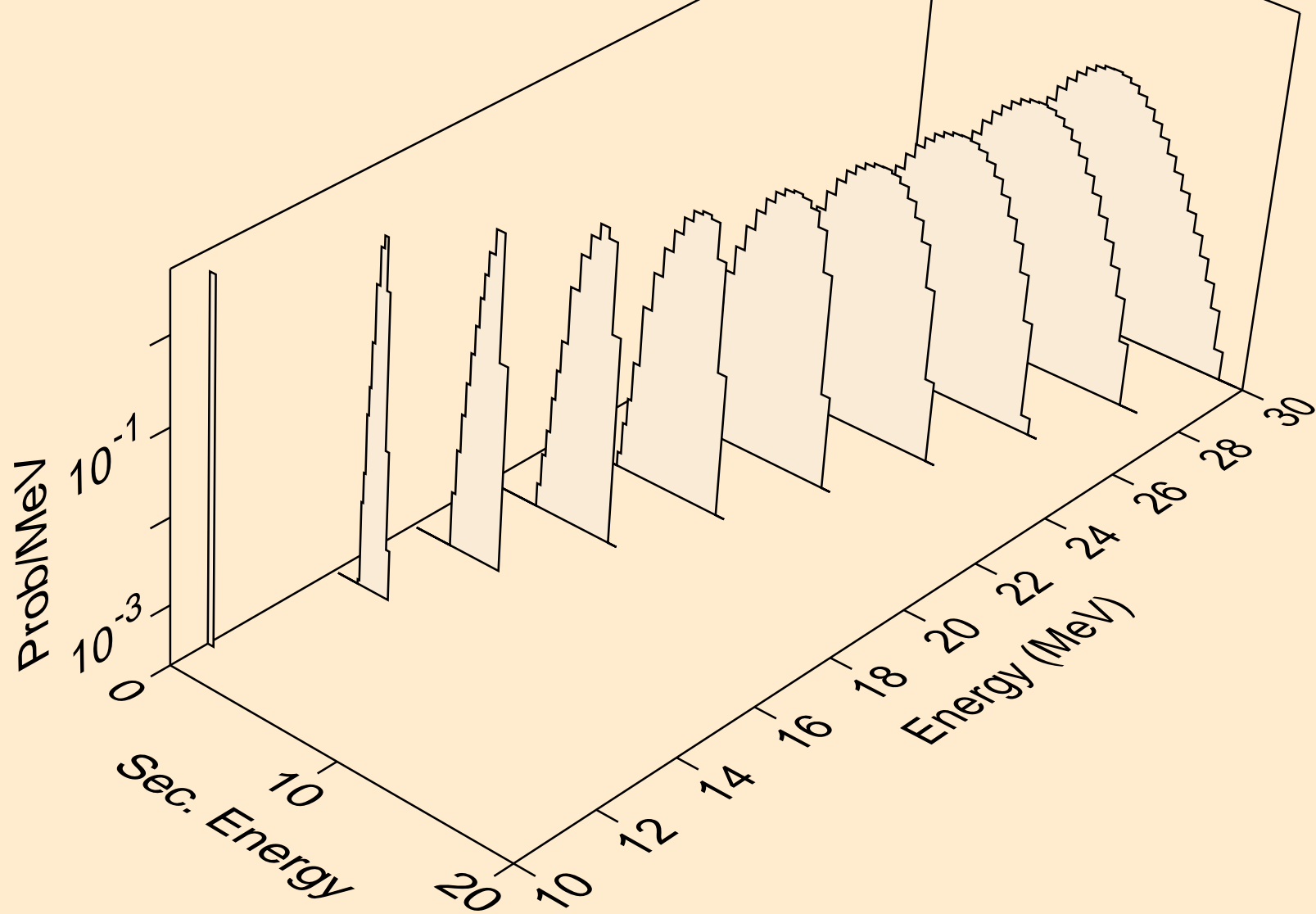
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



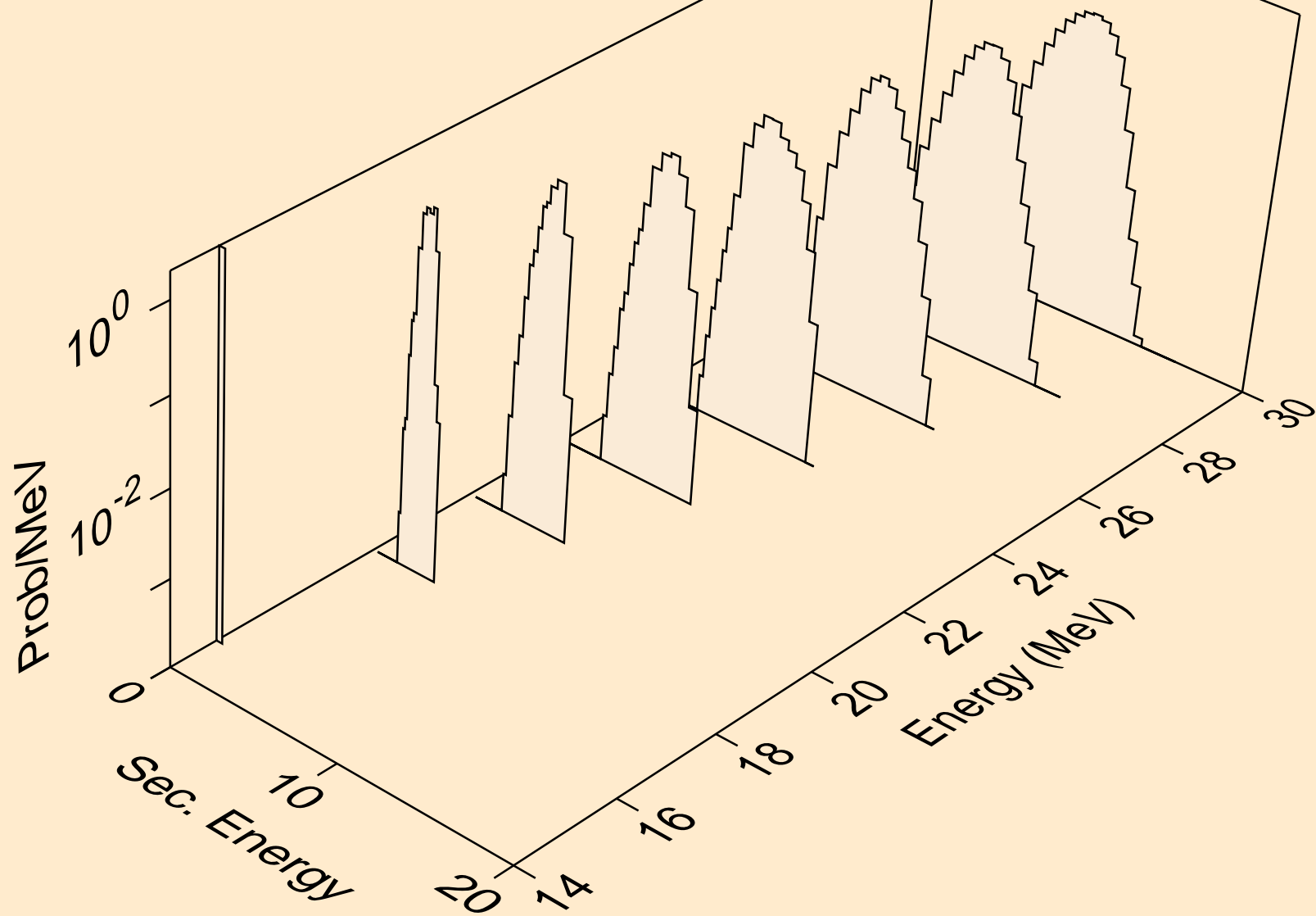
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protons from (n,n\*)p



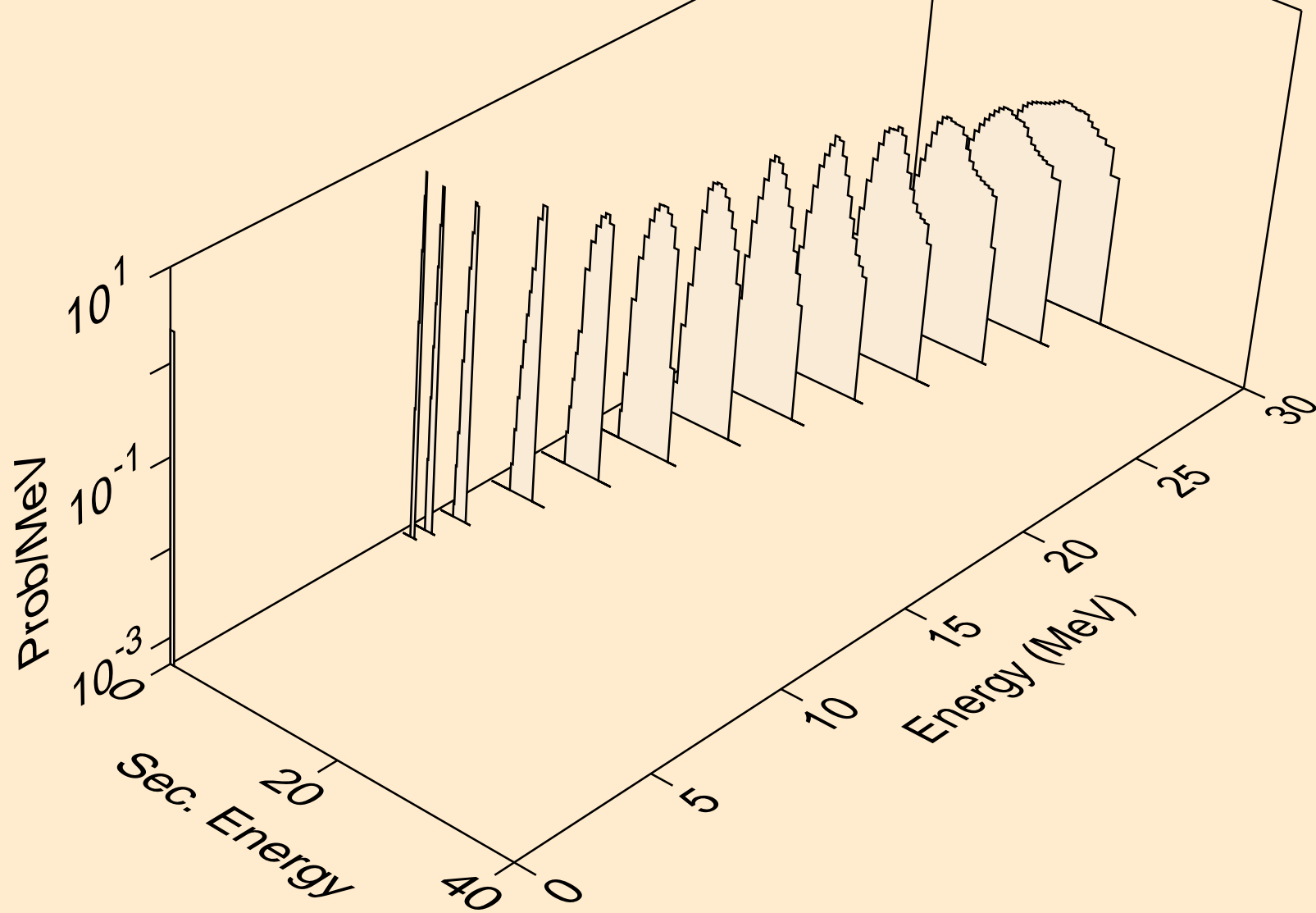
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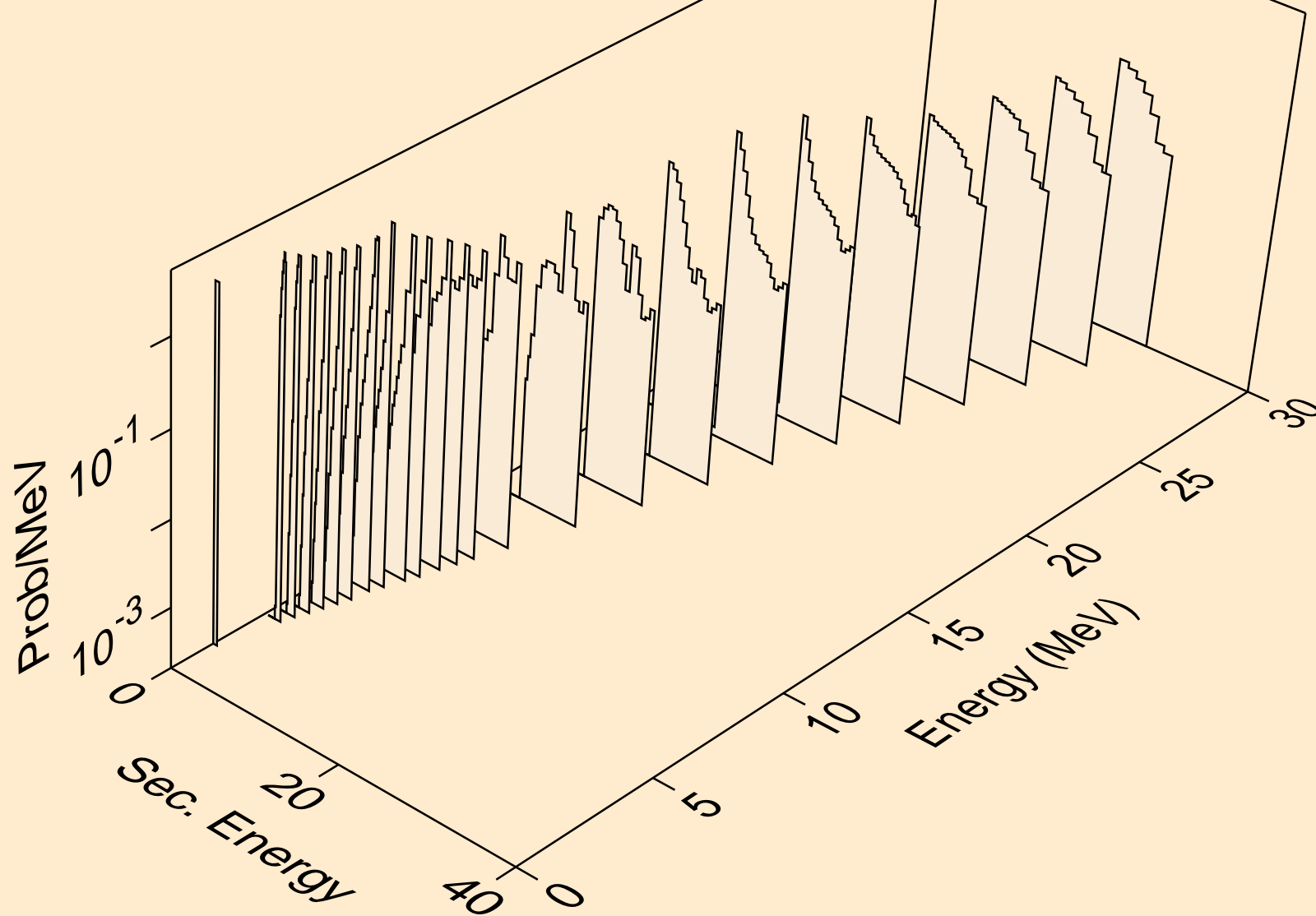
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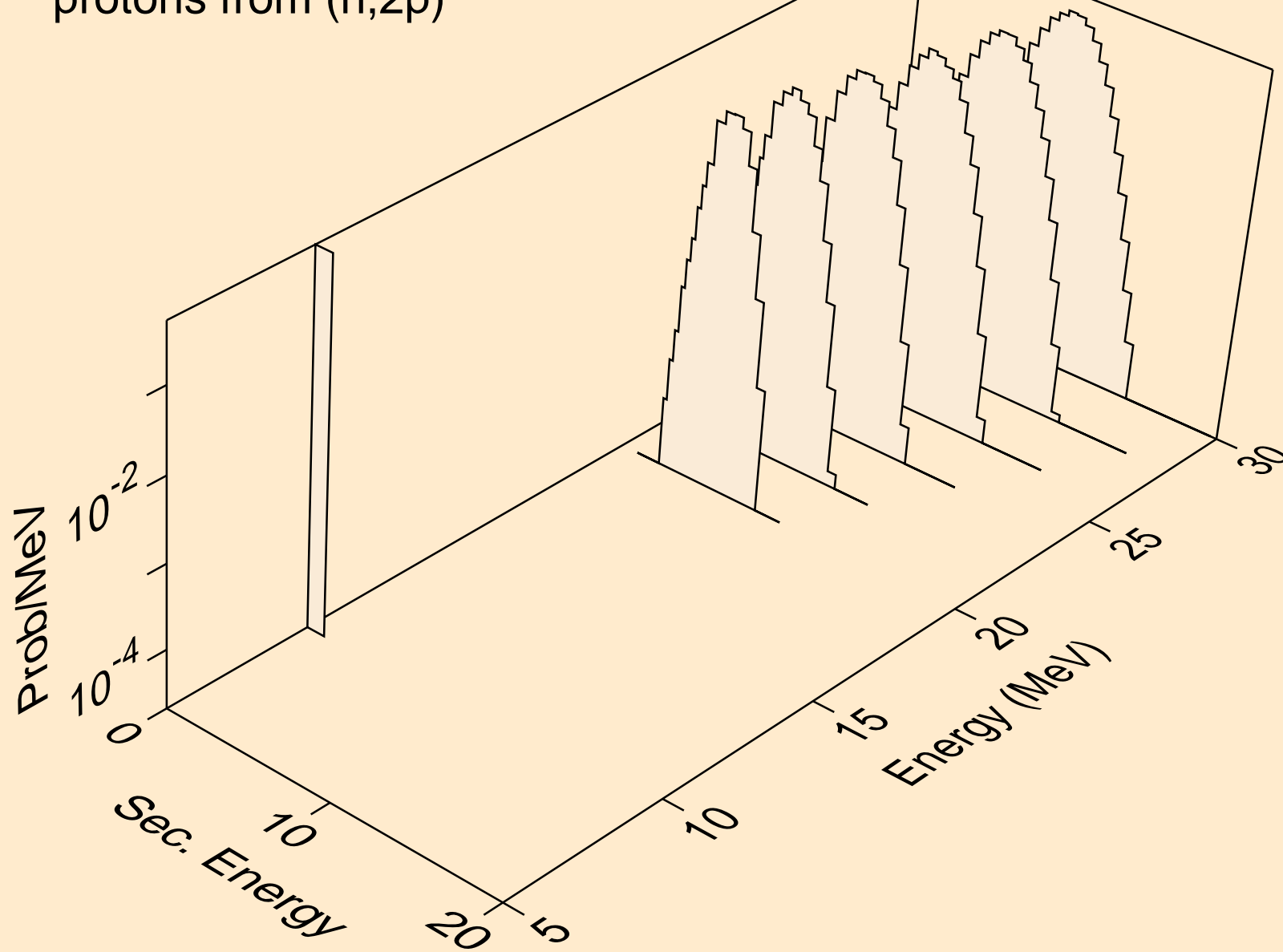
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

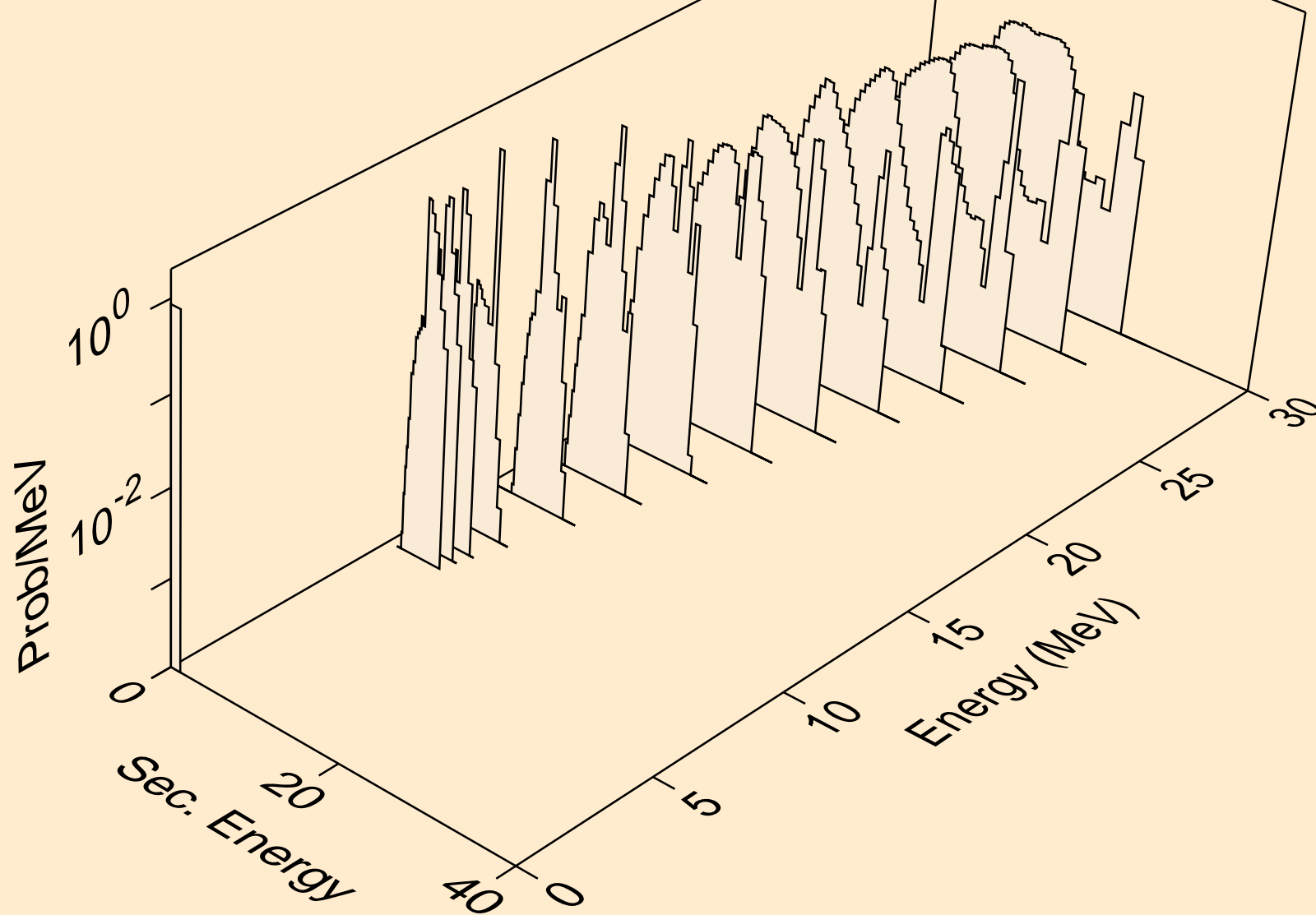


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protons from (n,2p)

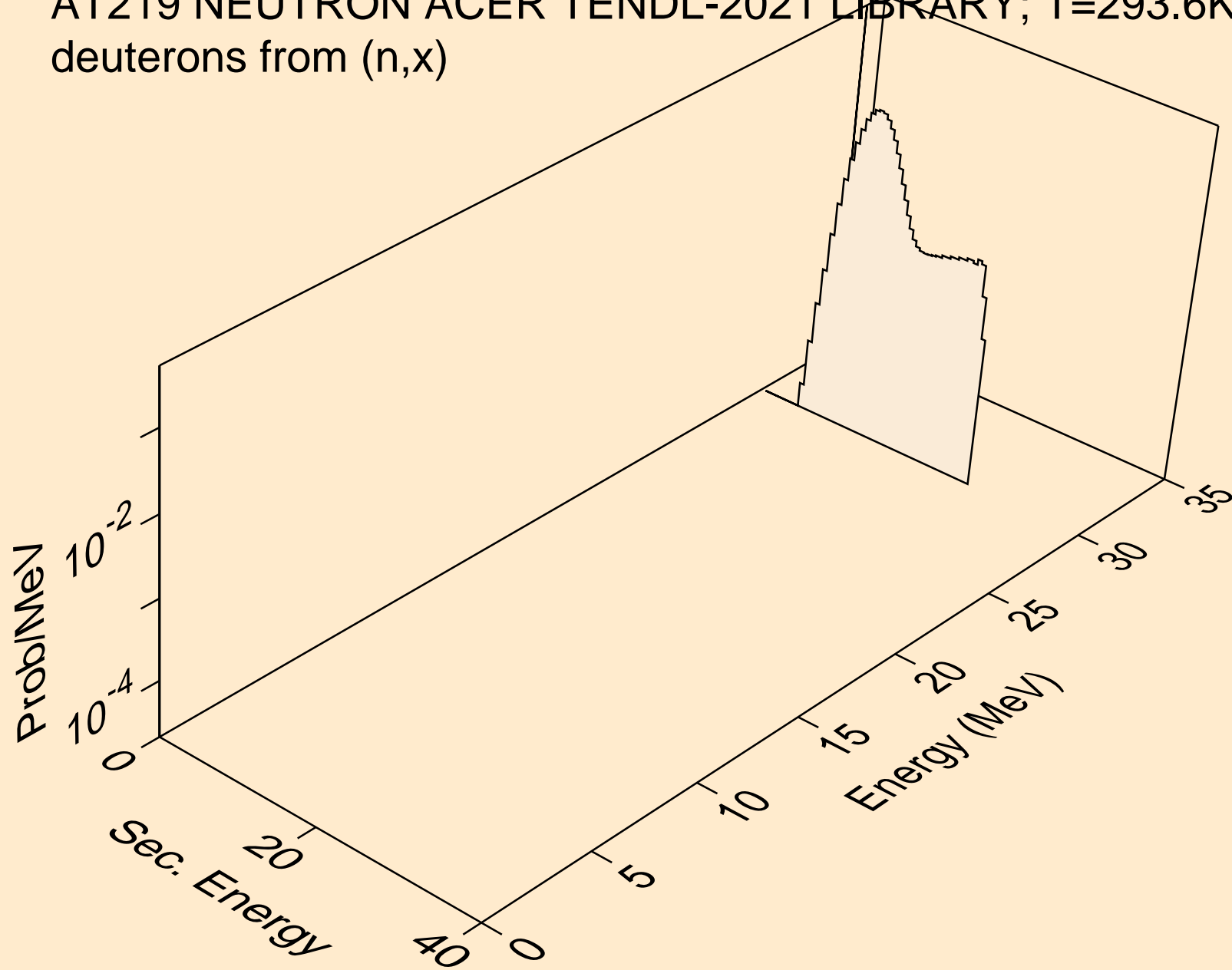




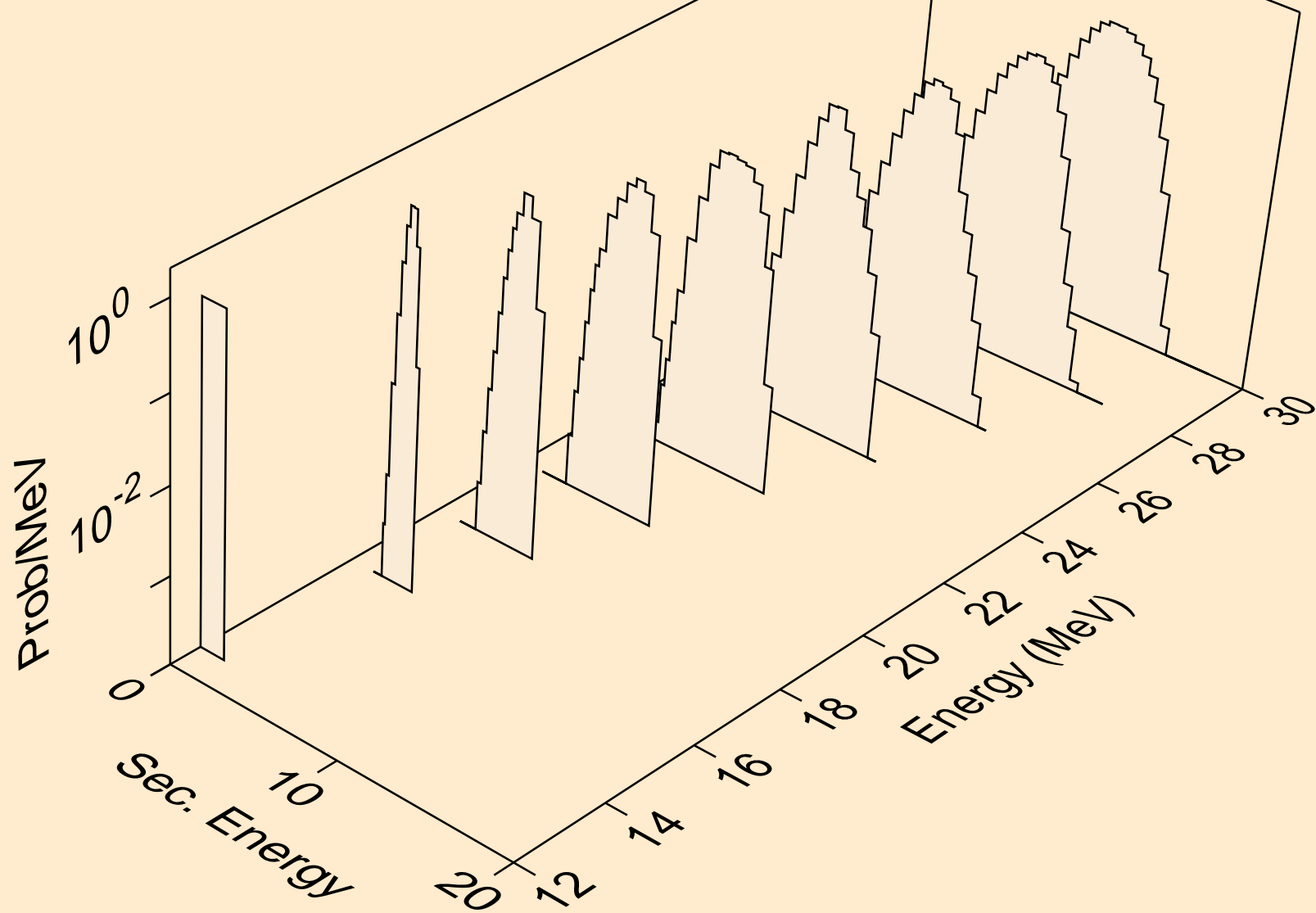
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protons from (n,p)



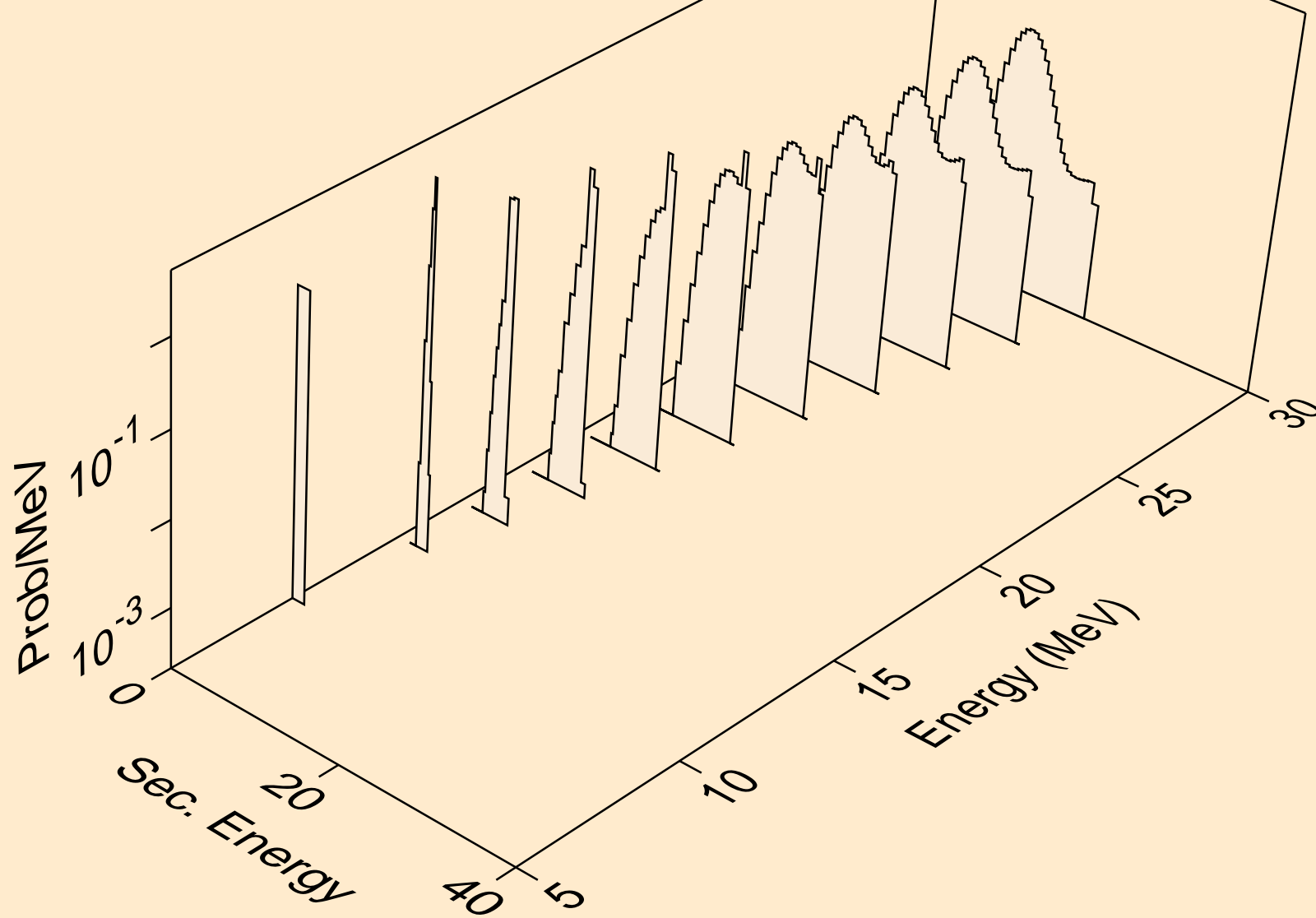
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deuterons from (n,x)



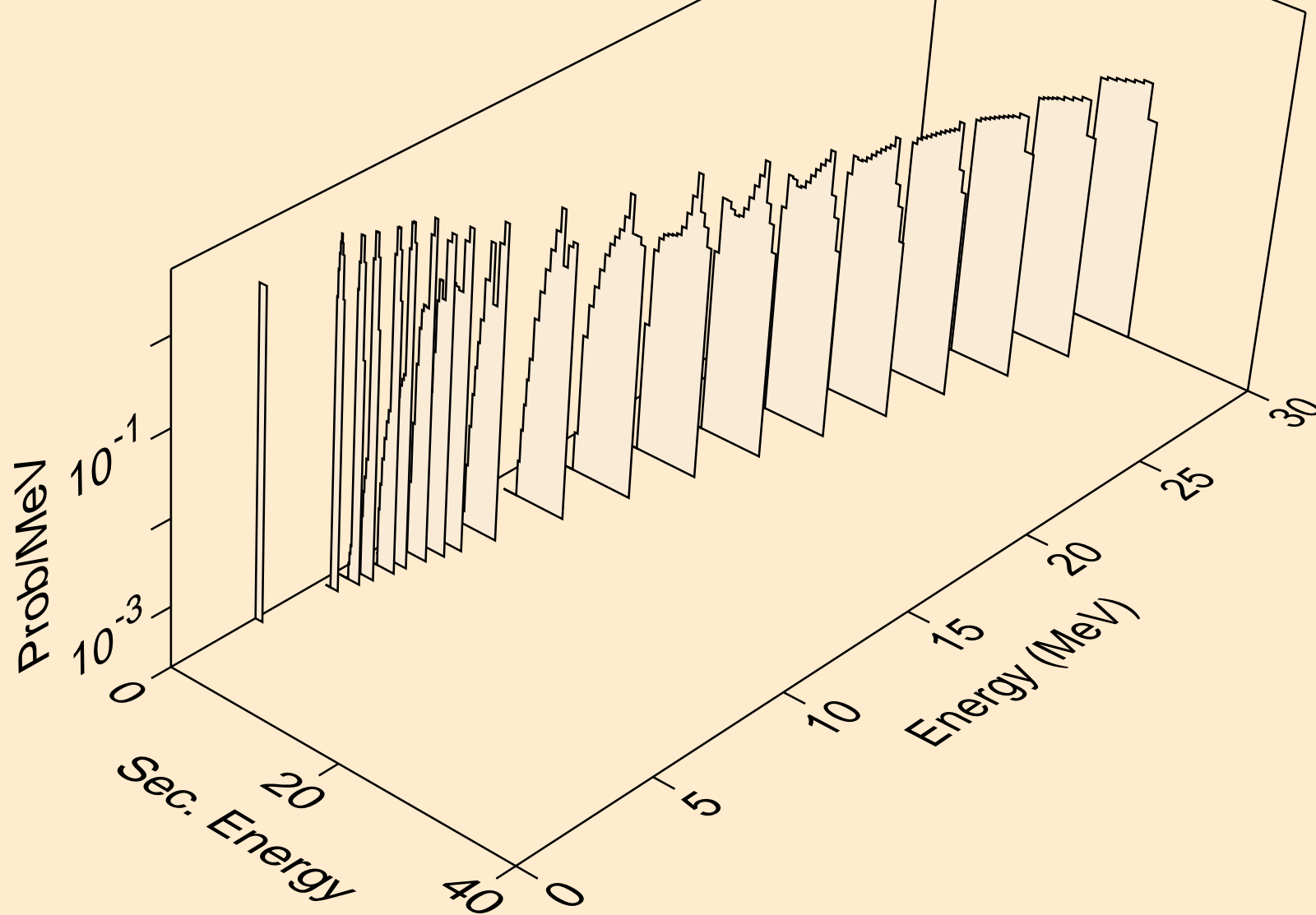
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deuterons from (n,2nd)



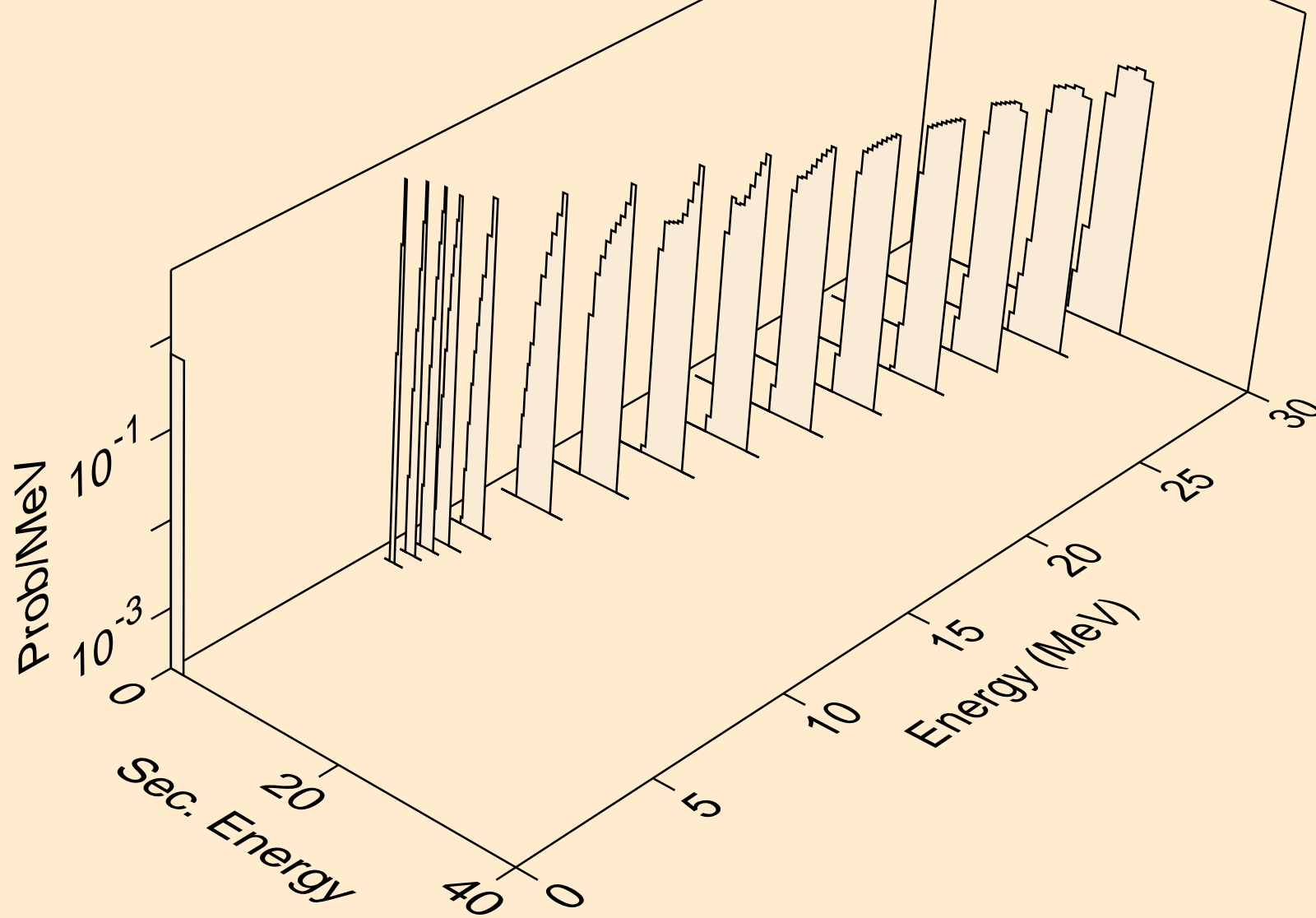
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deuterons from (n,n\*)d



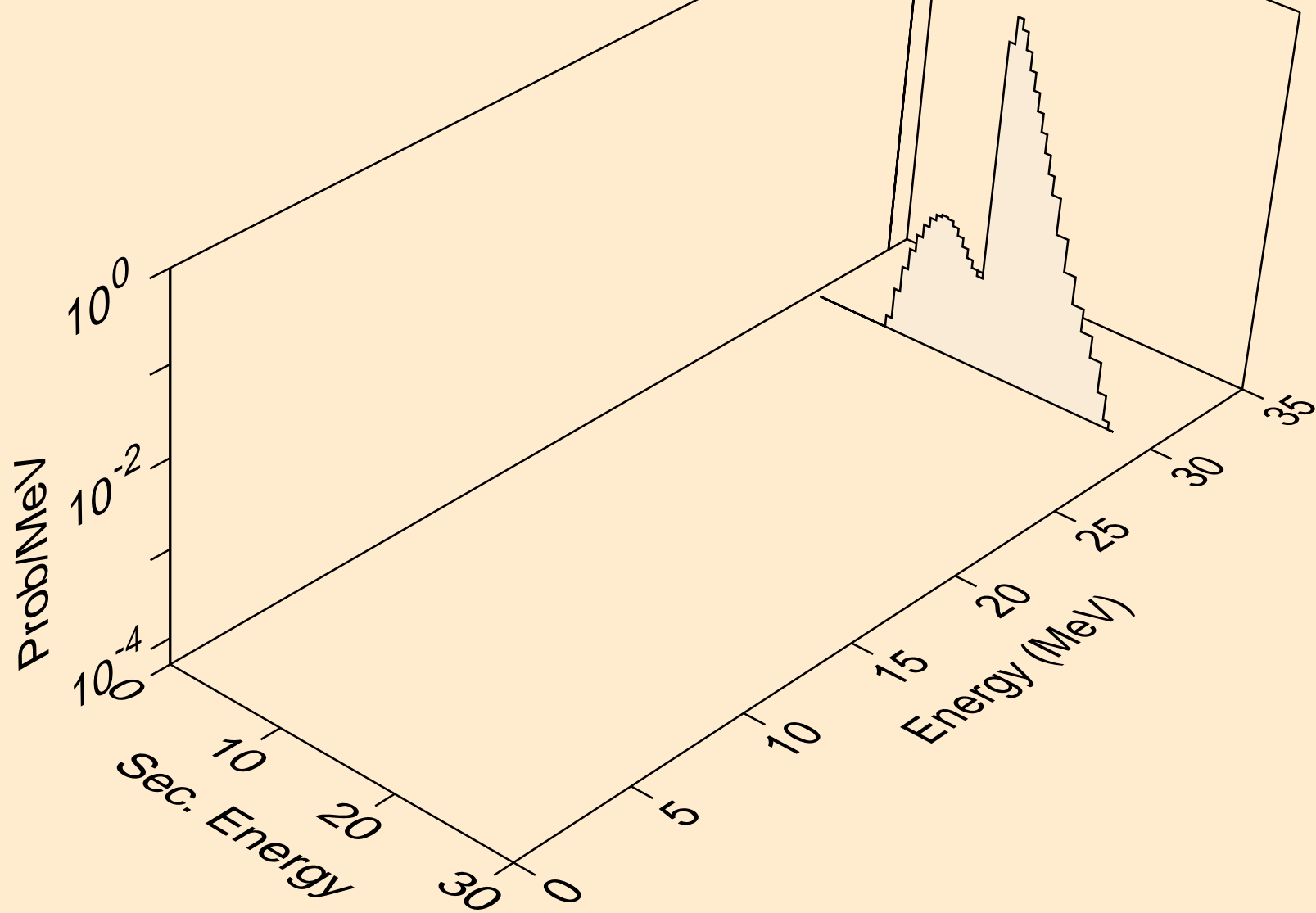
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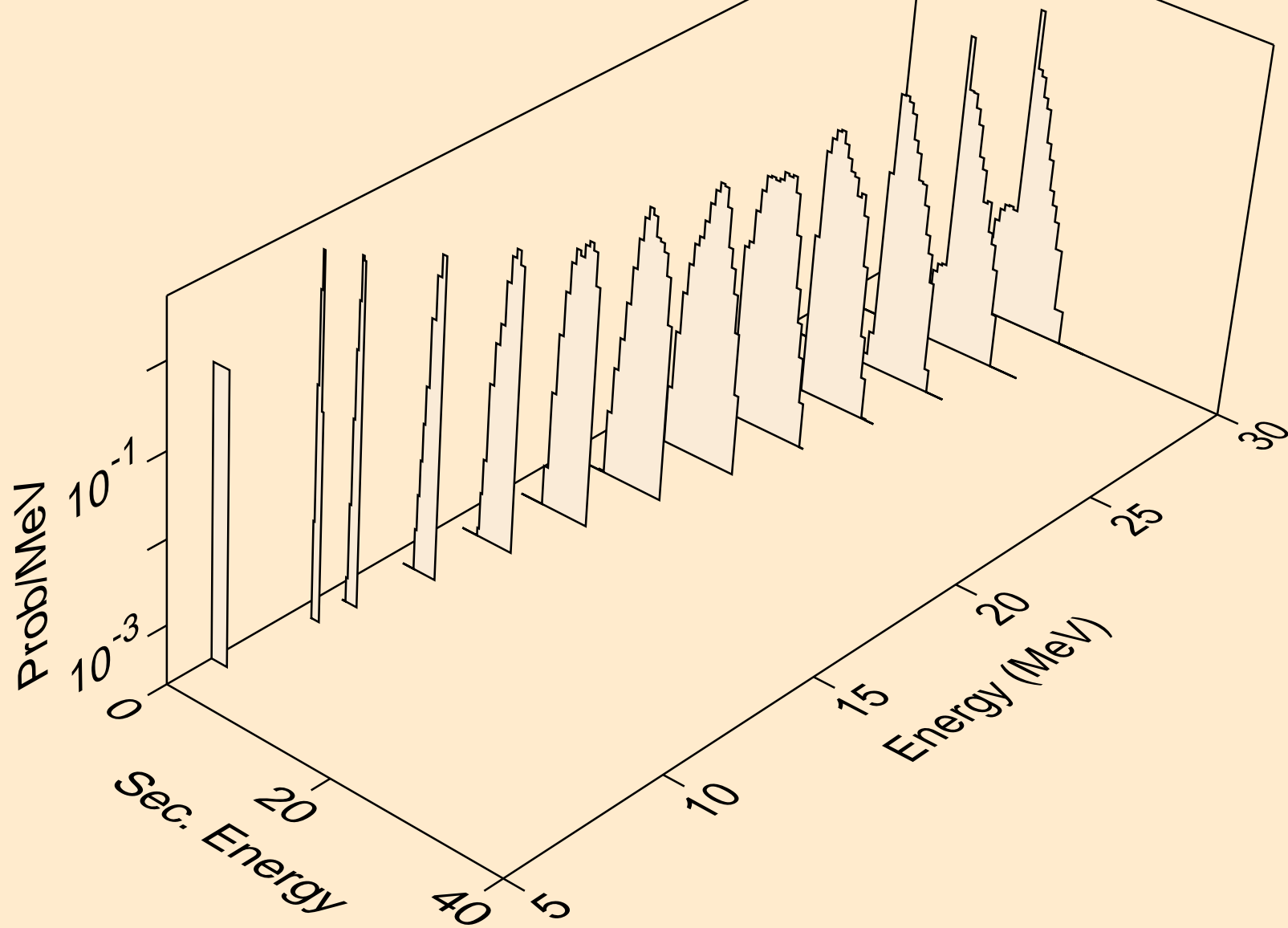
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

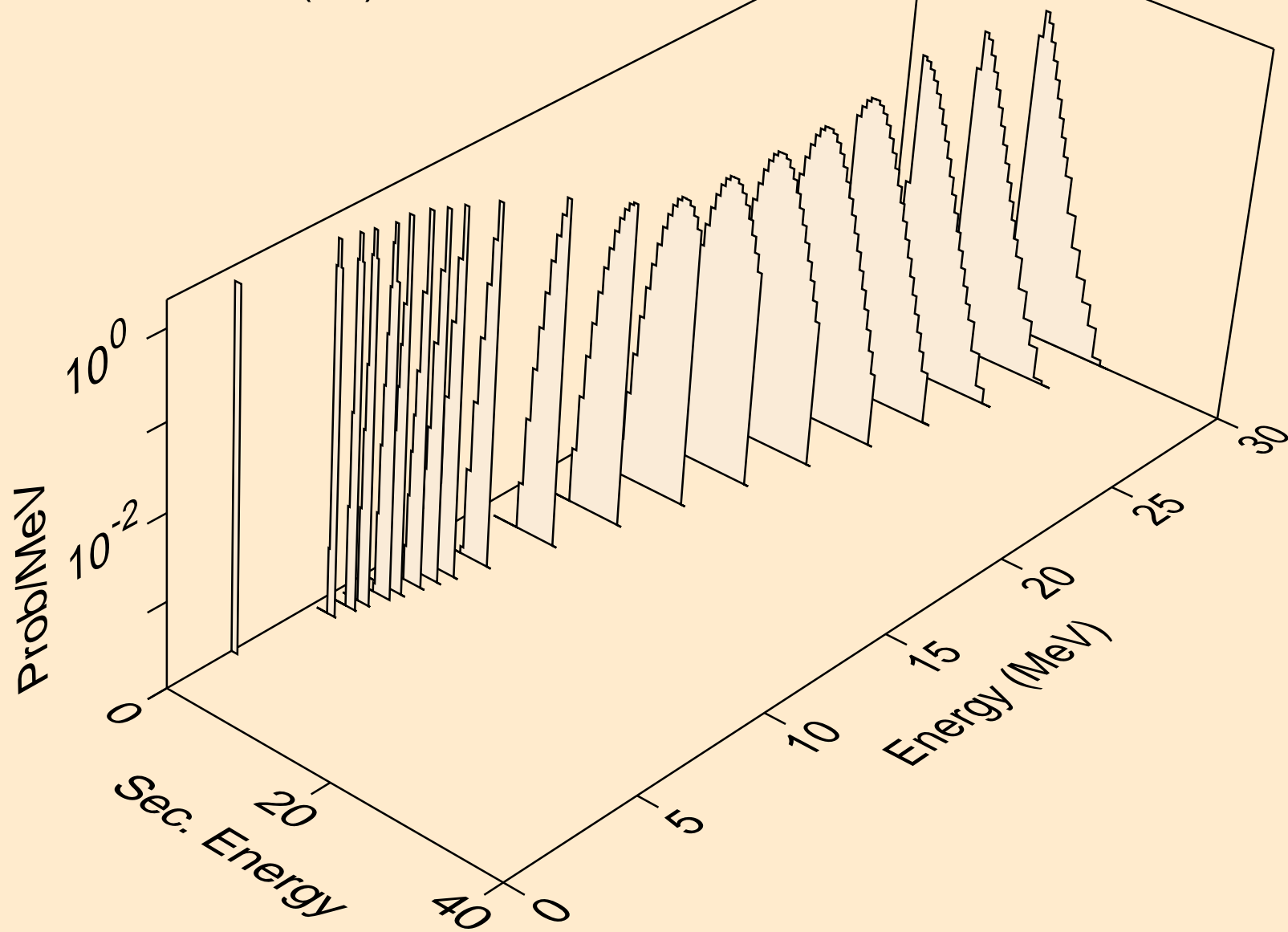


AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

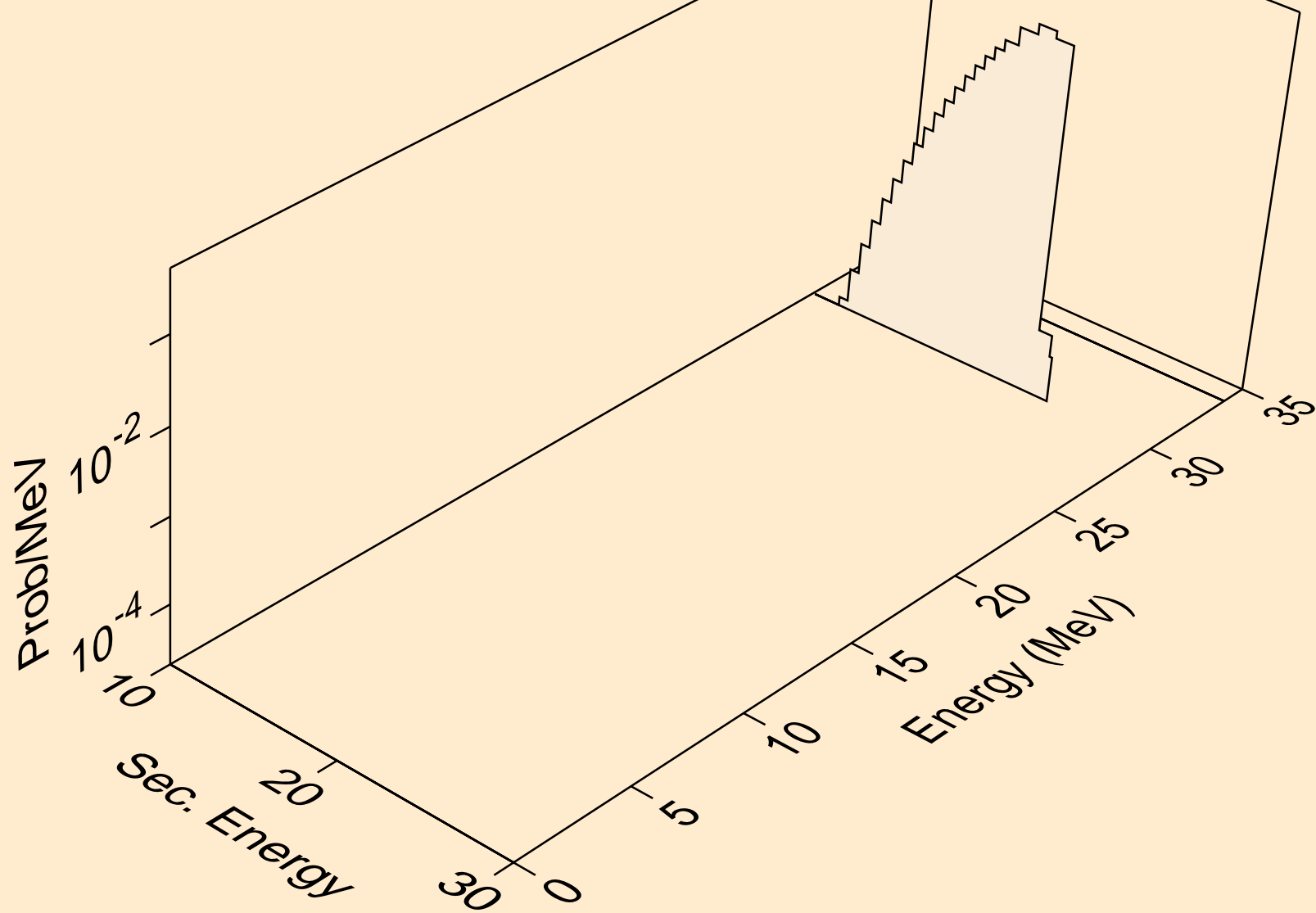




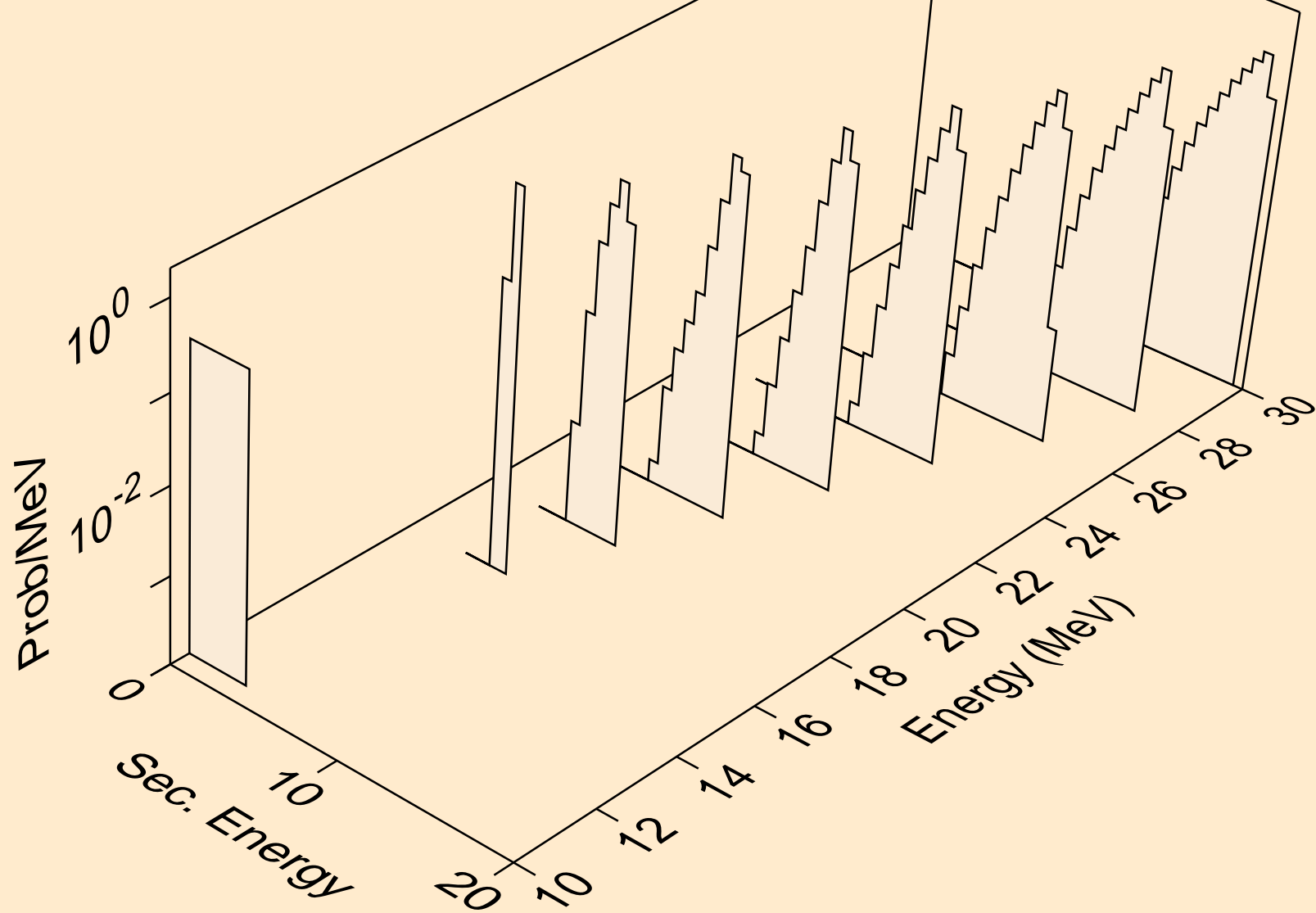
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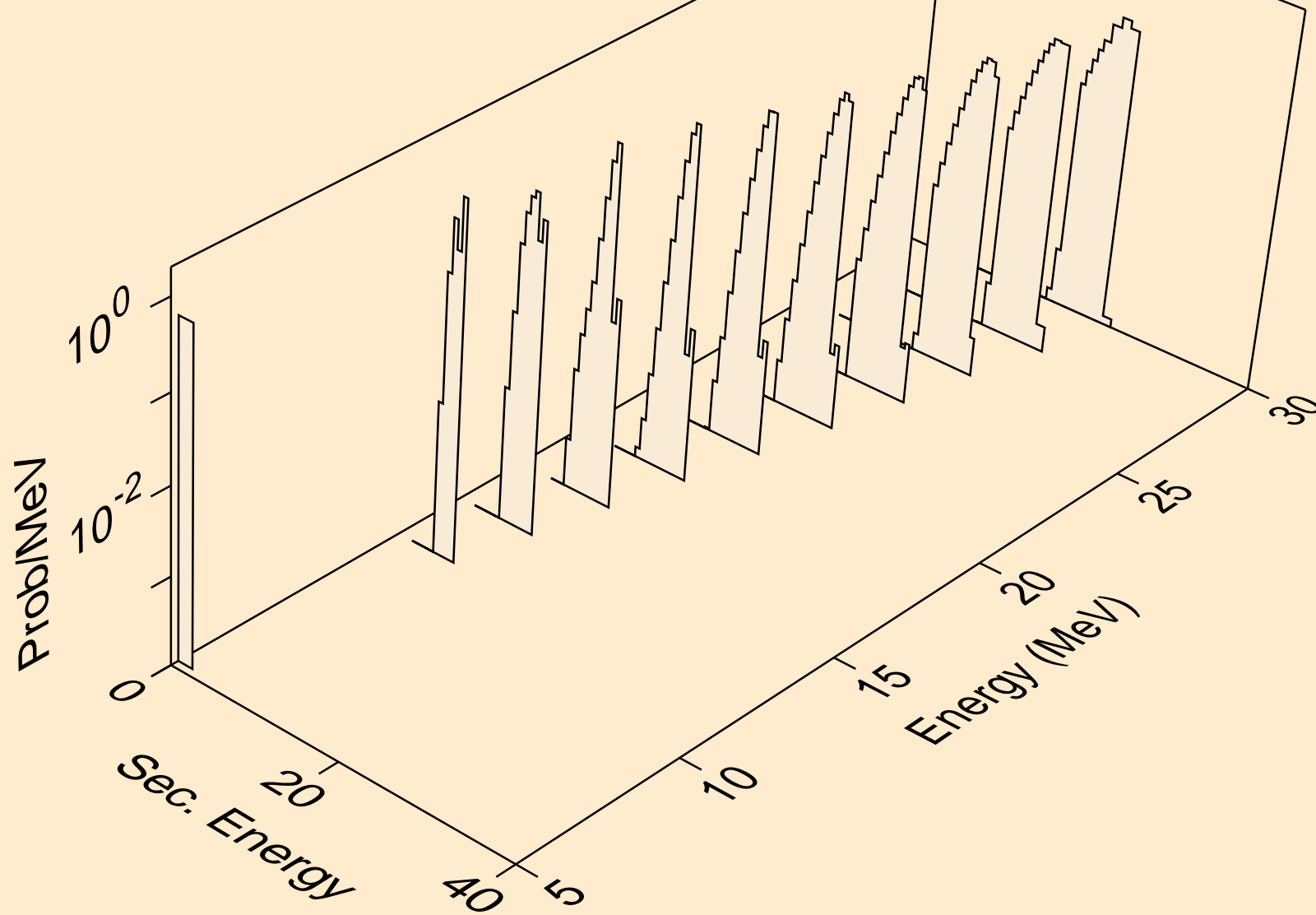
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he3s from (n,x)



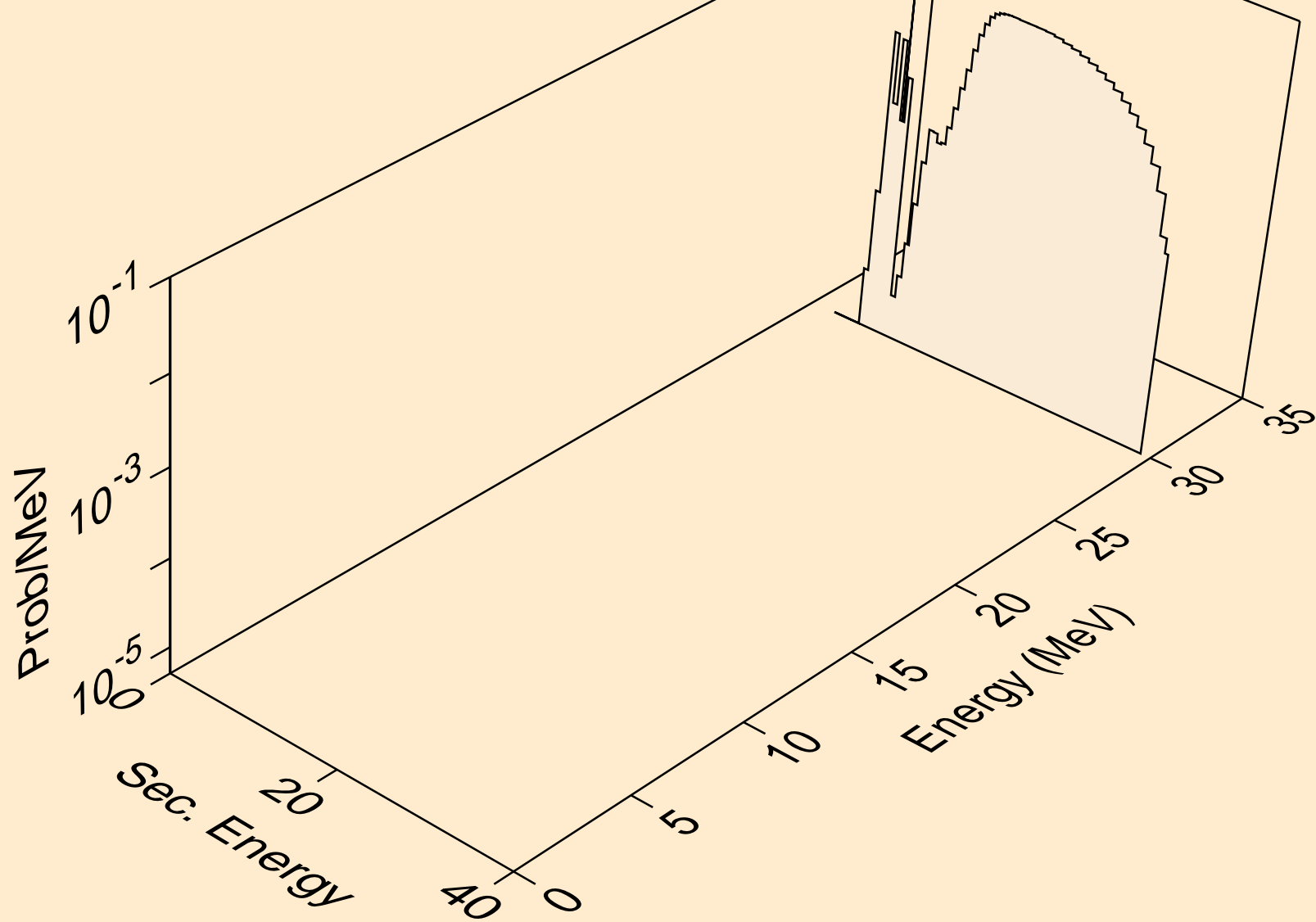
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he3s from (n,n\*)he3



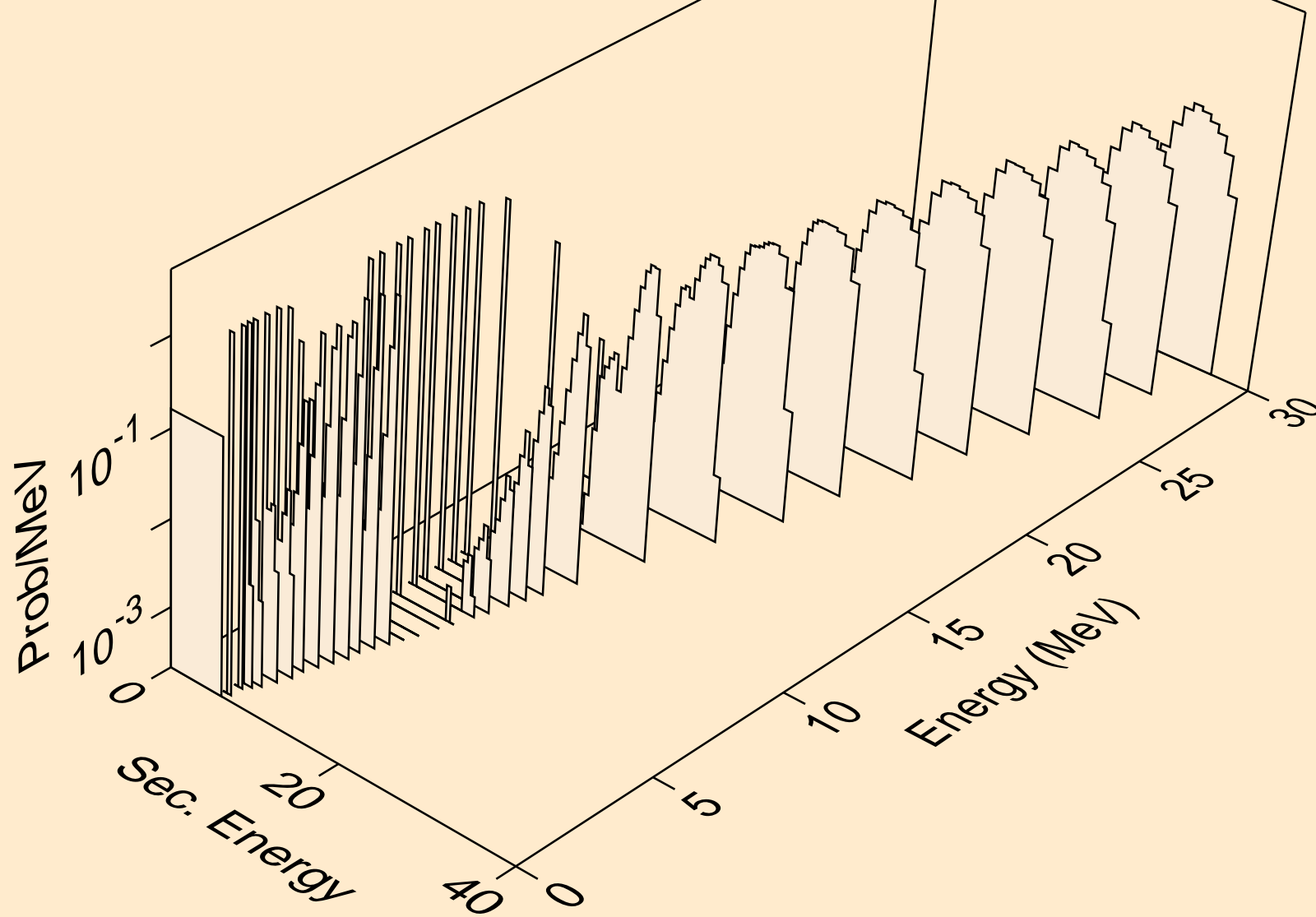
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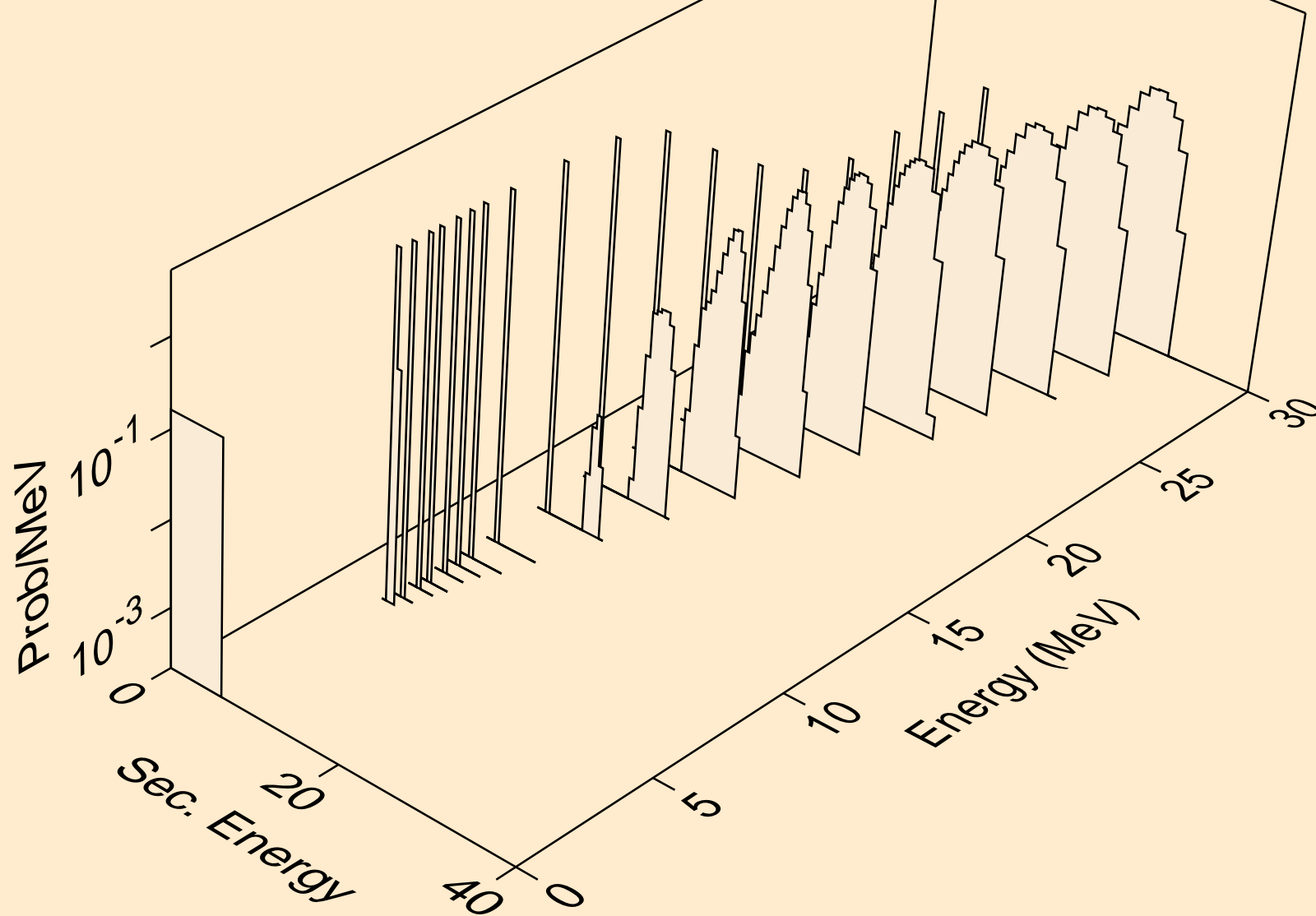
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



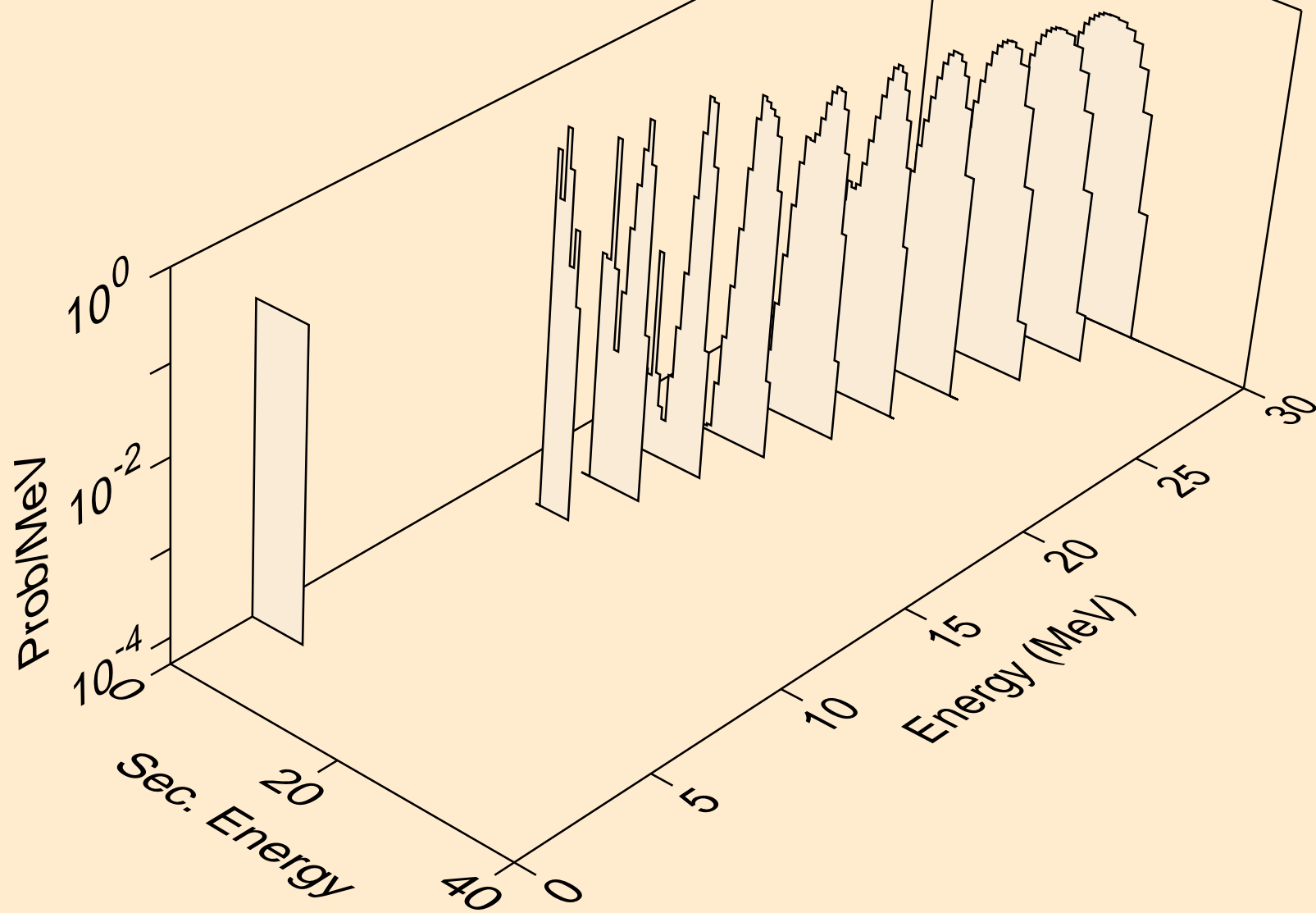
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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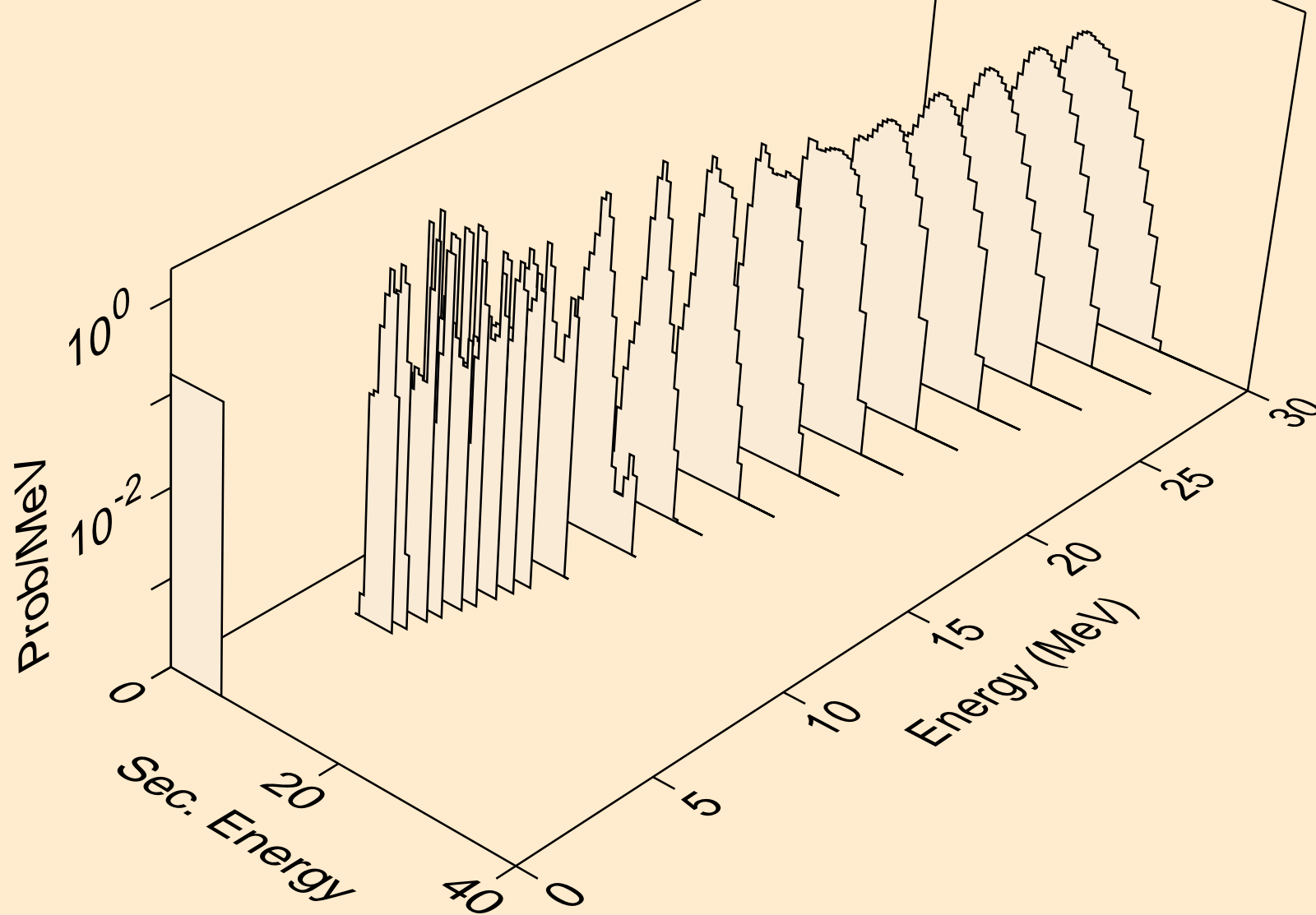


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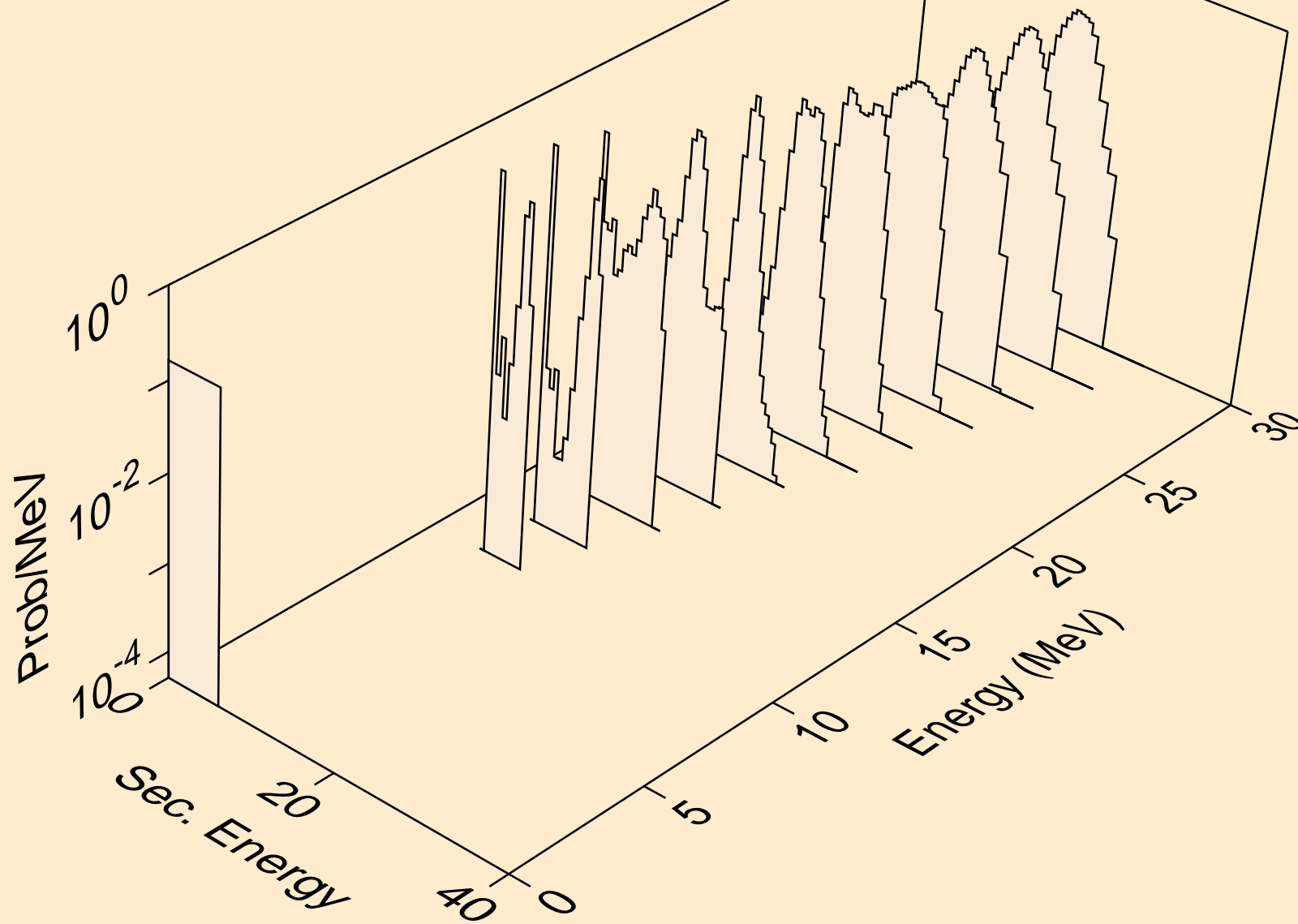




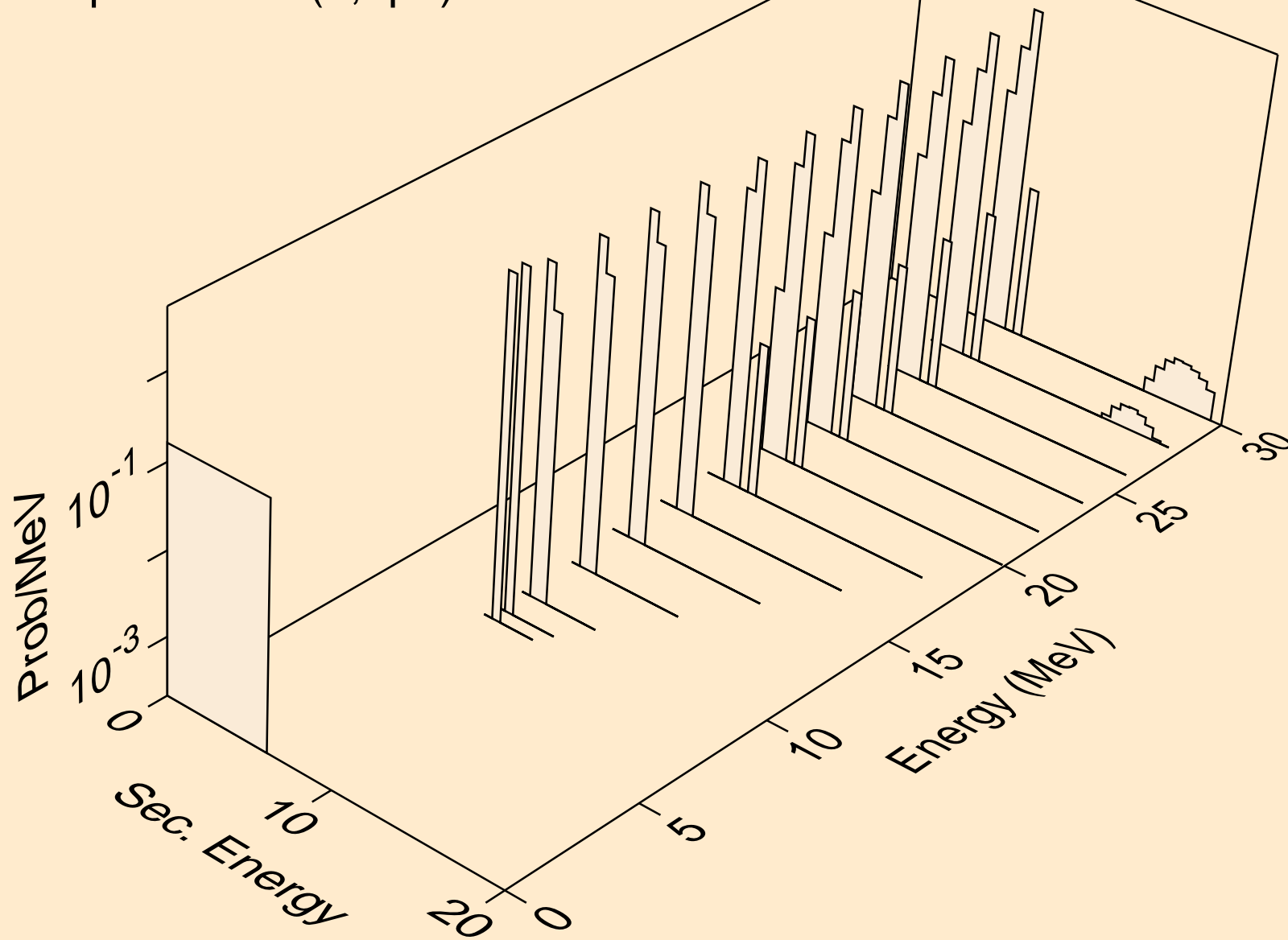
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



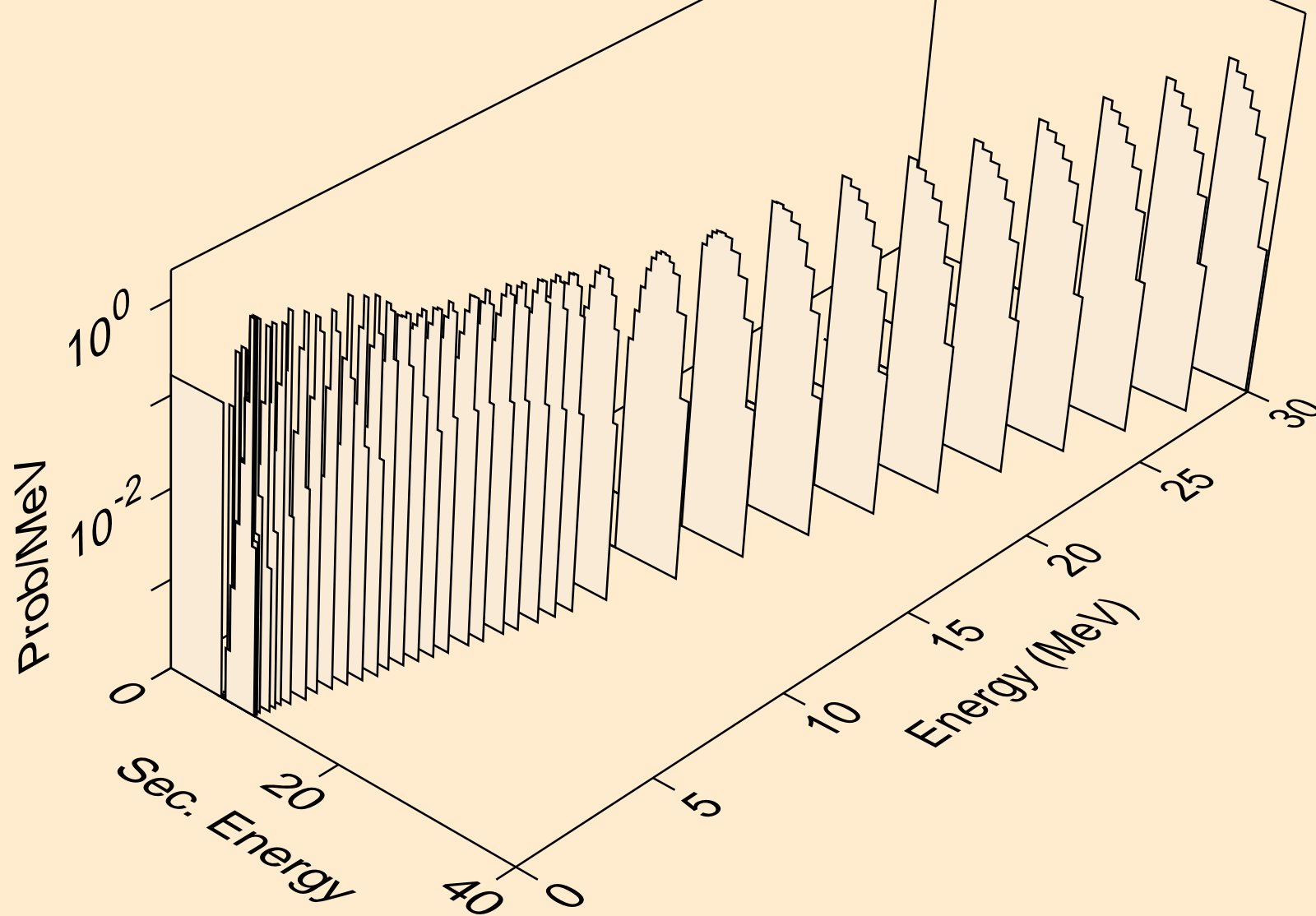
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alphas from (n,2n)2a



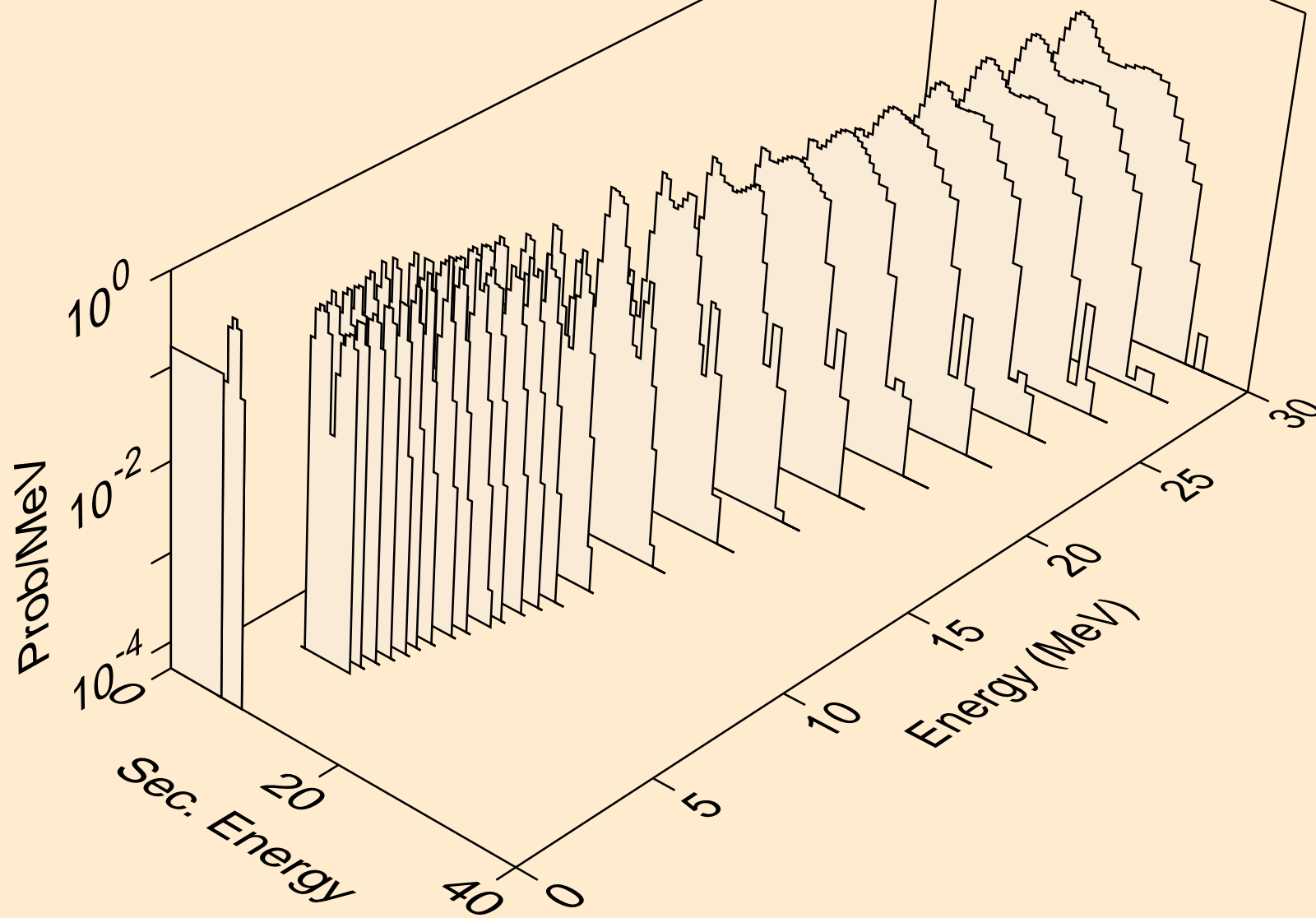
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alphas from (n,npa)



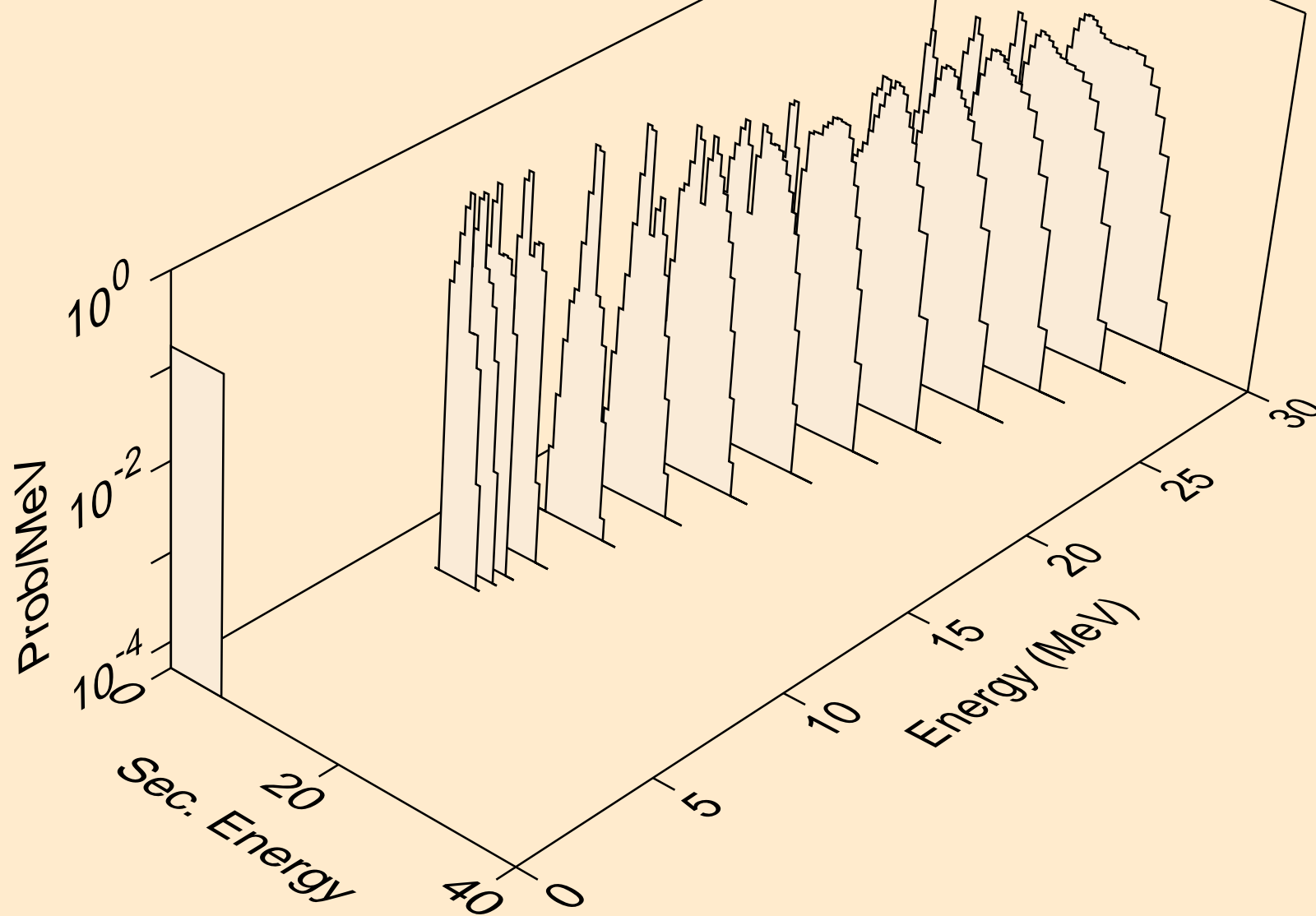
AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



AT219 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

