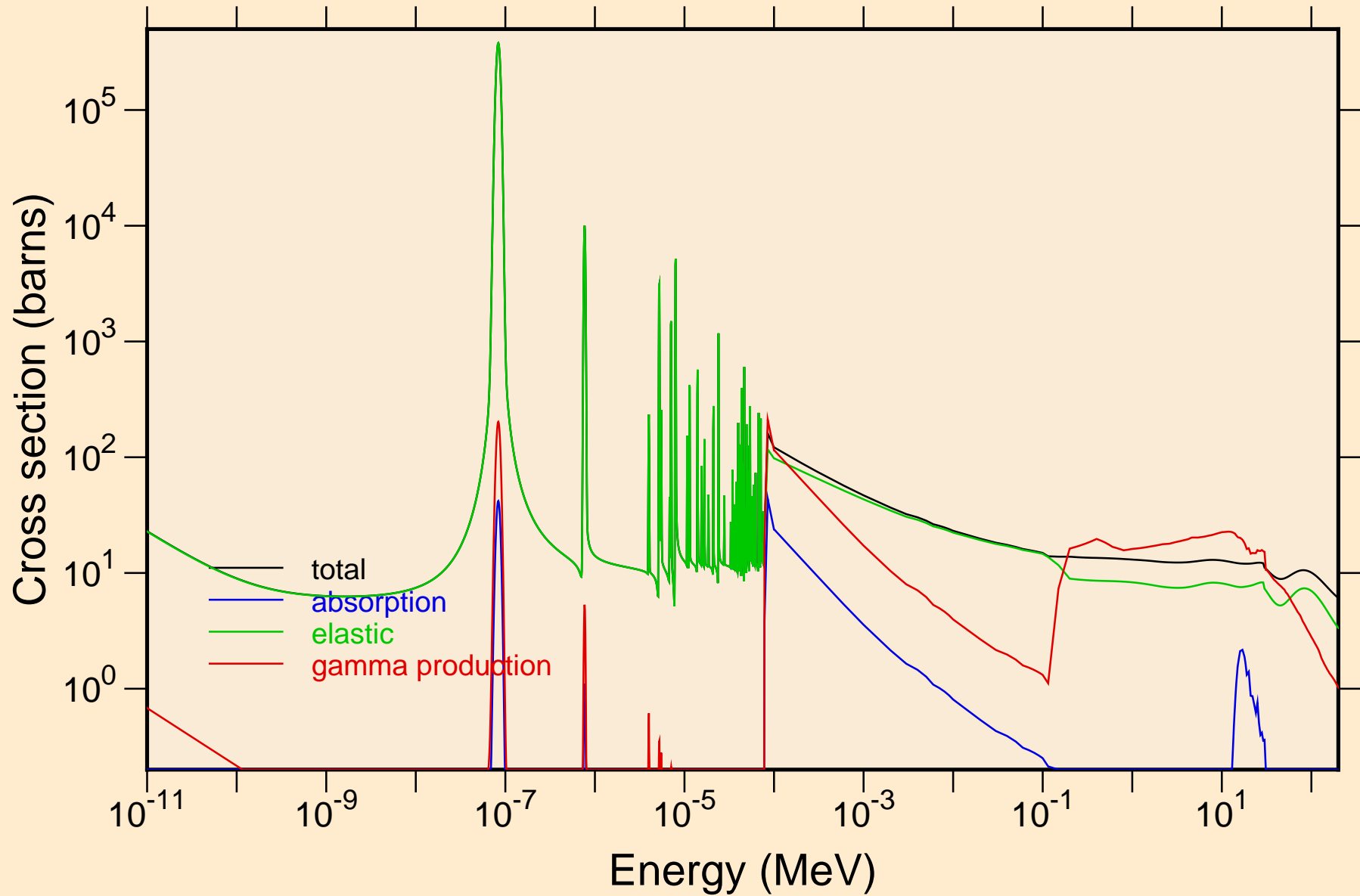
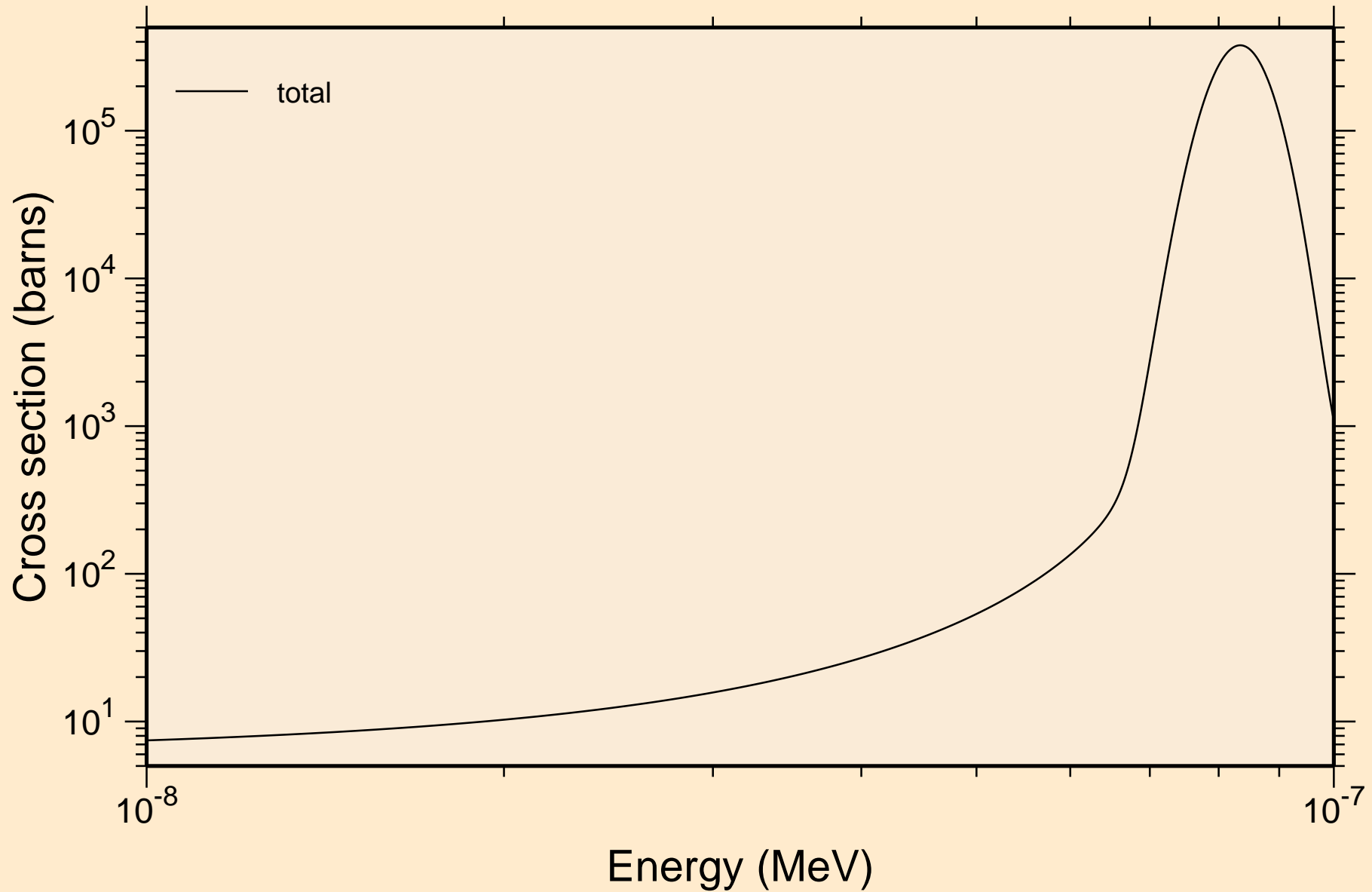


# RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

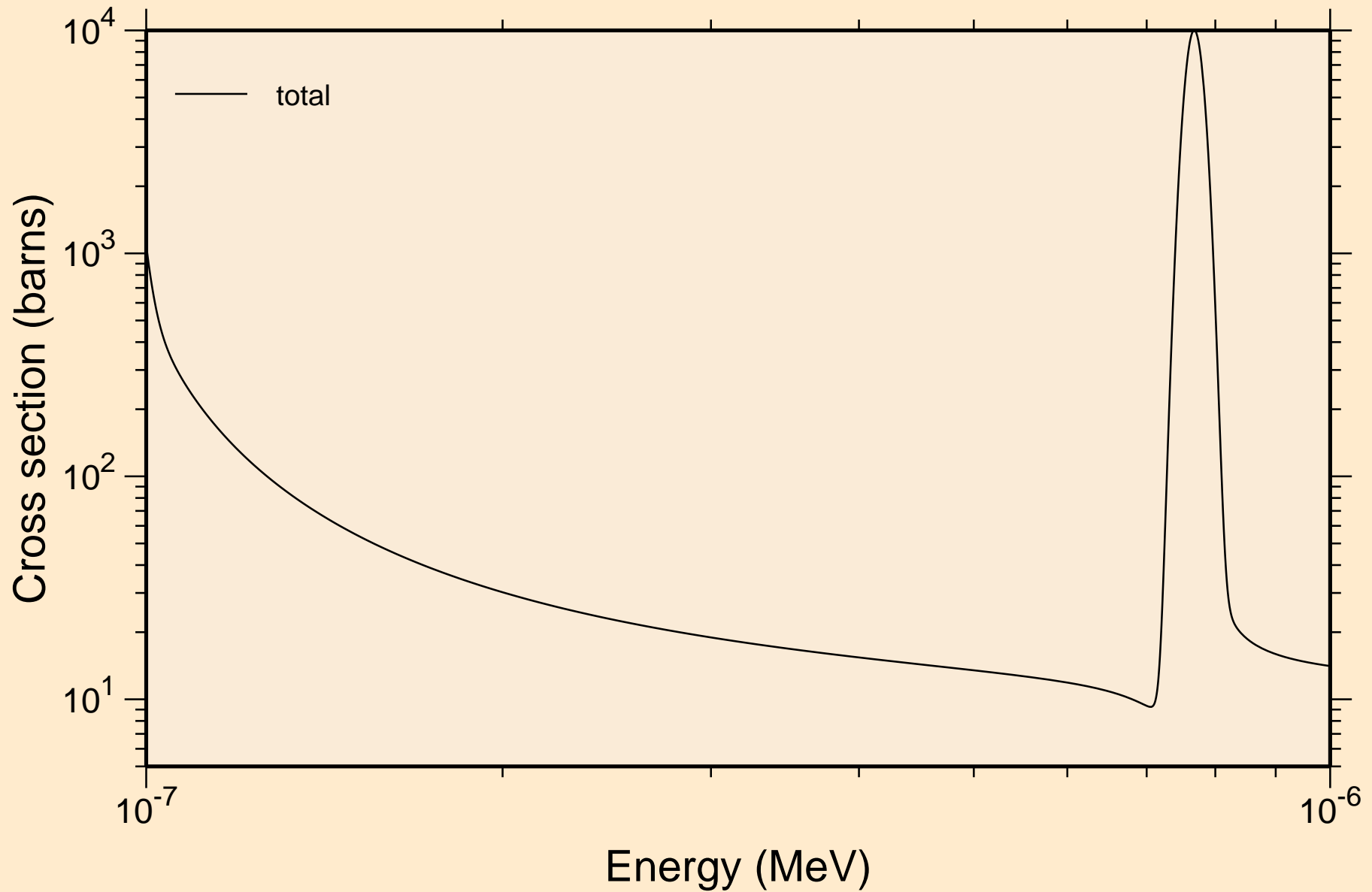
## Principal cross sections



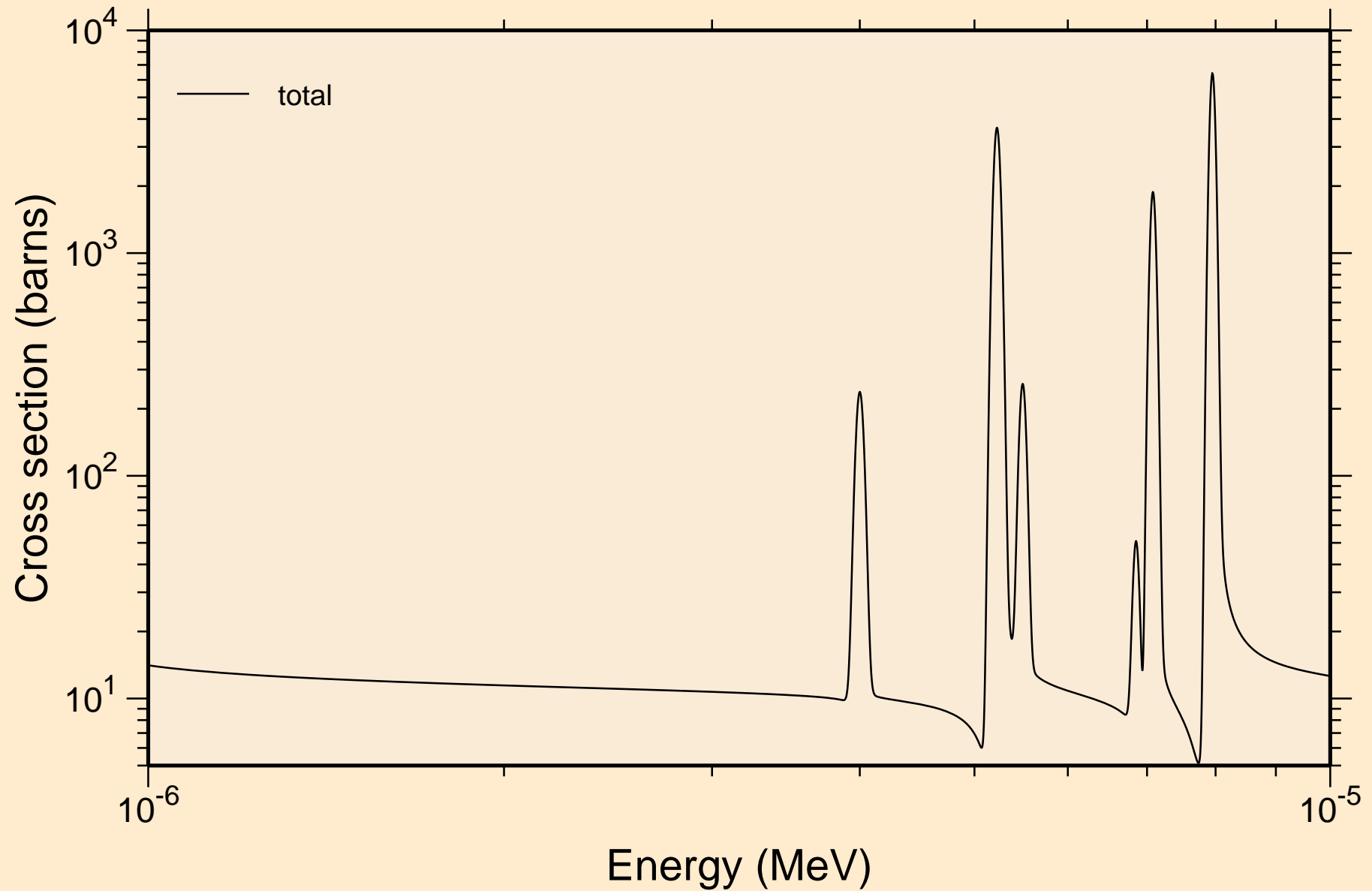
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



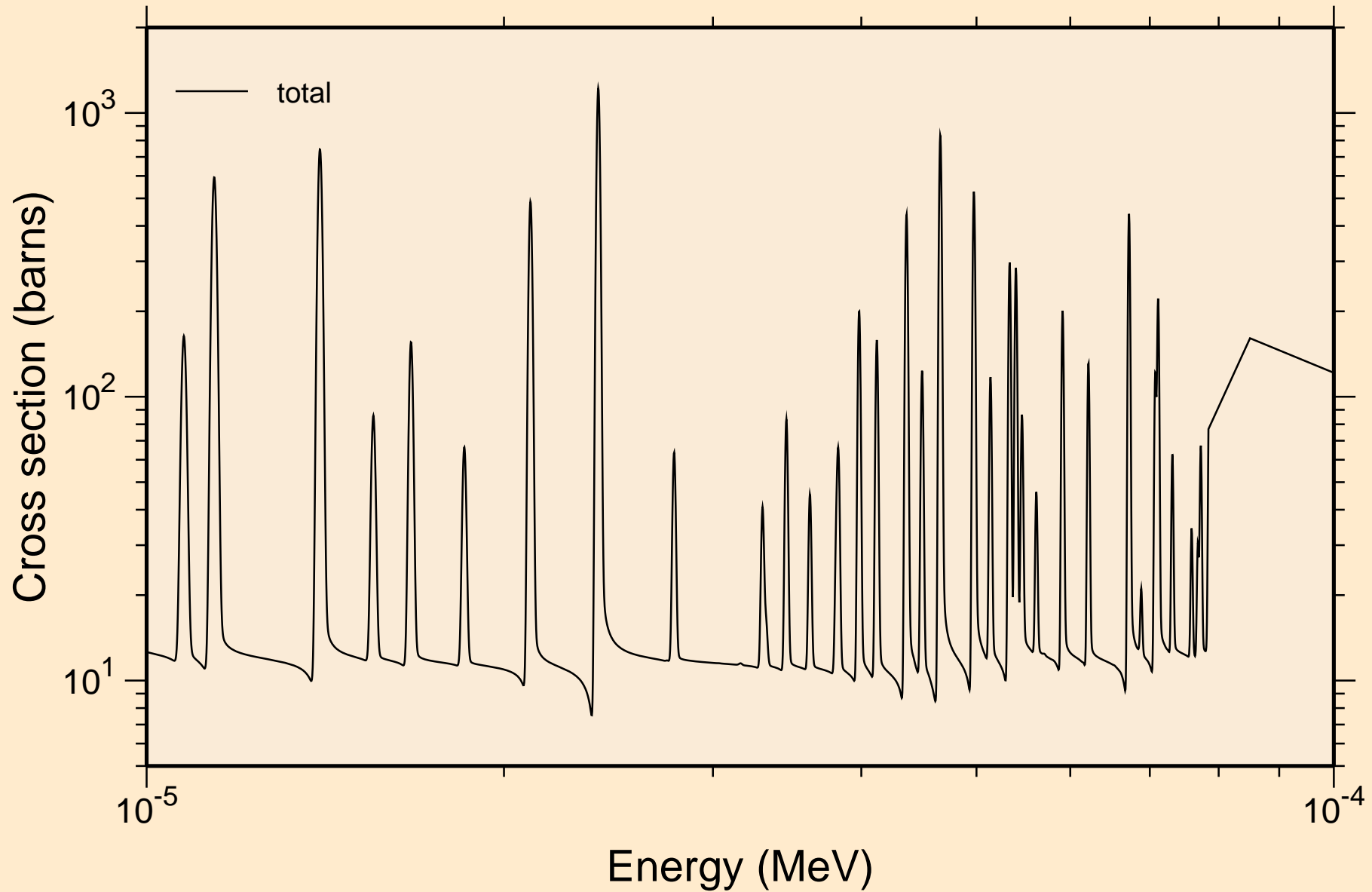
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resonance total cross section



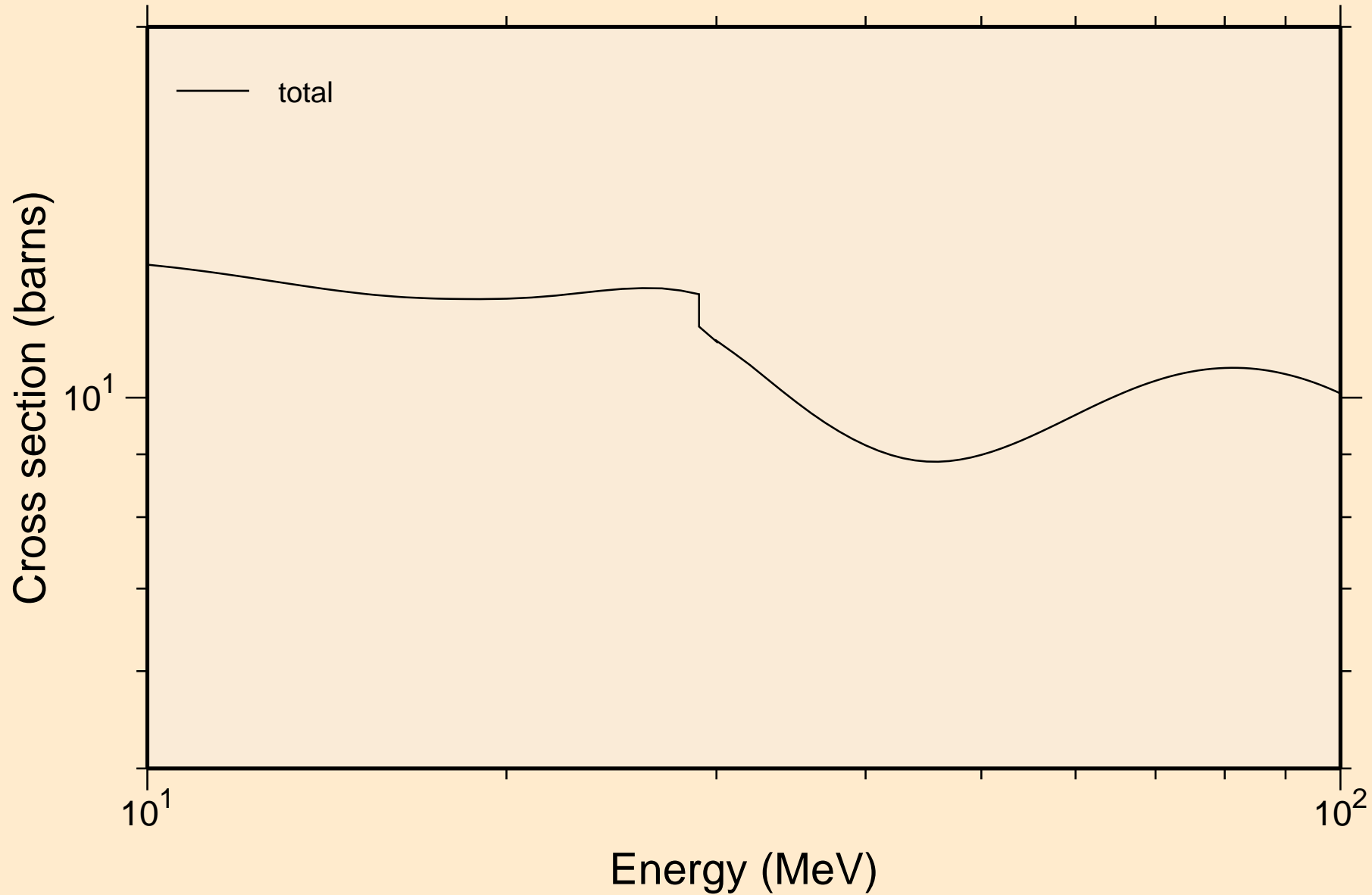
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



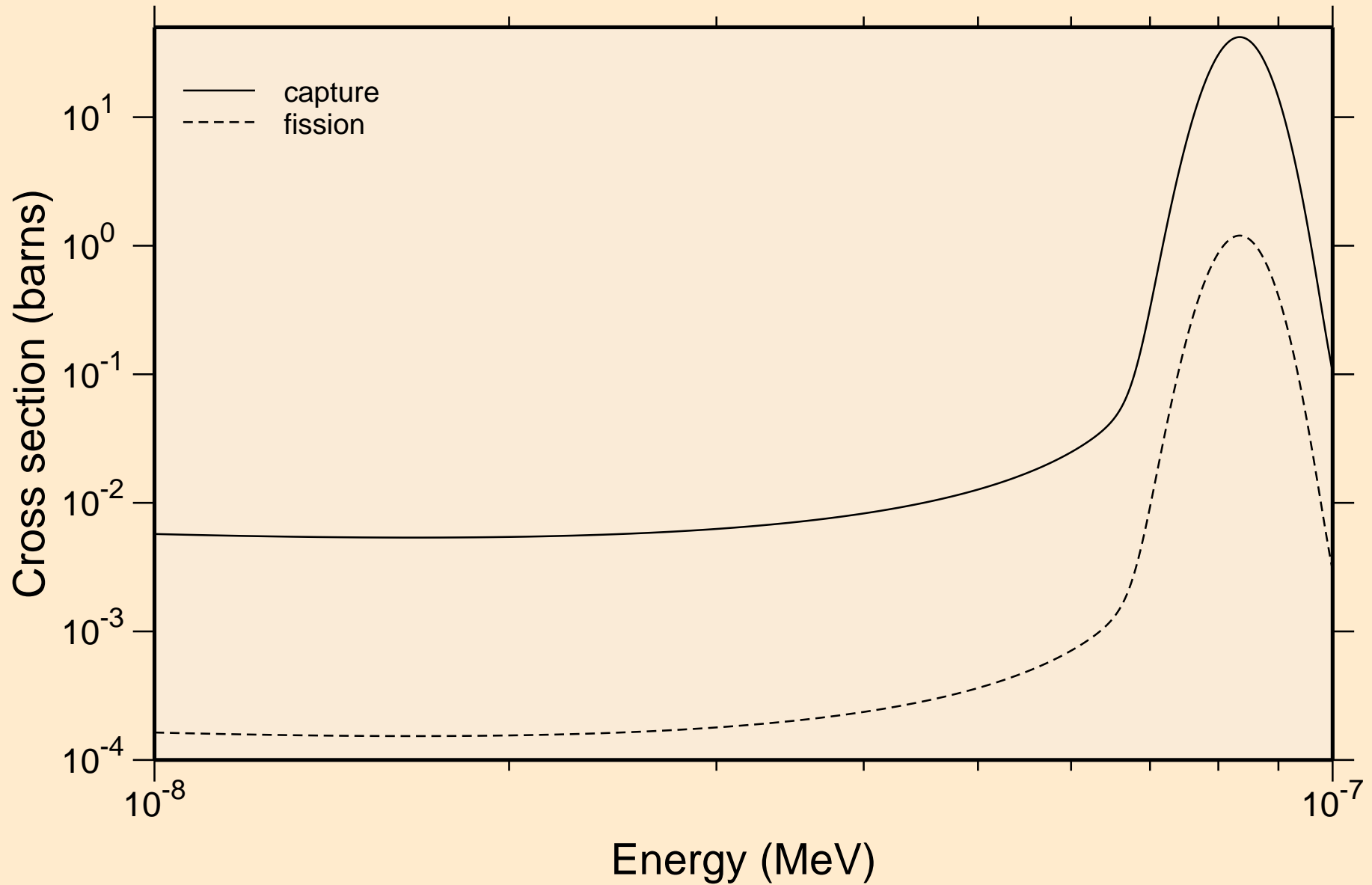
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



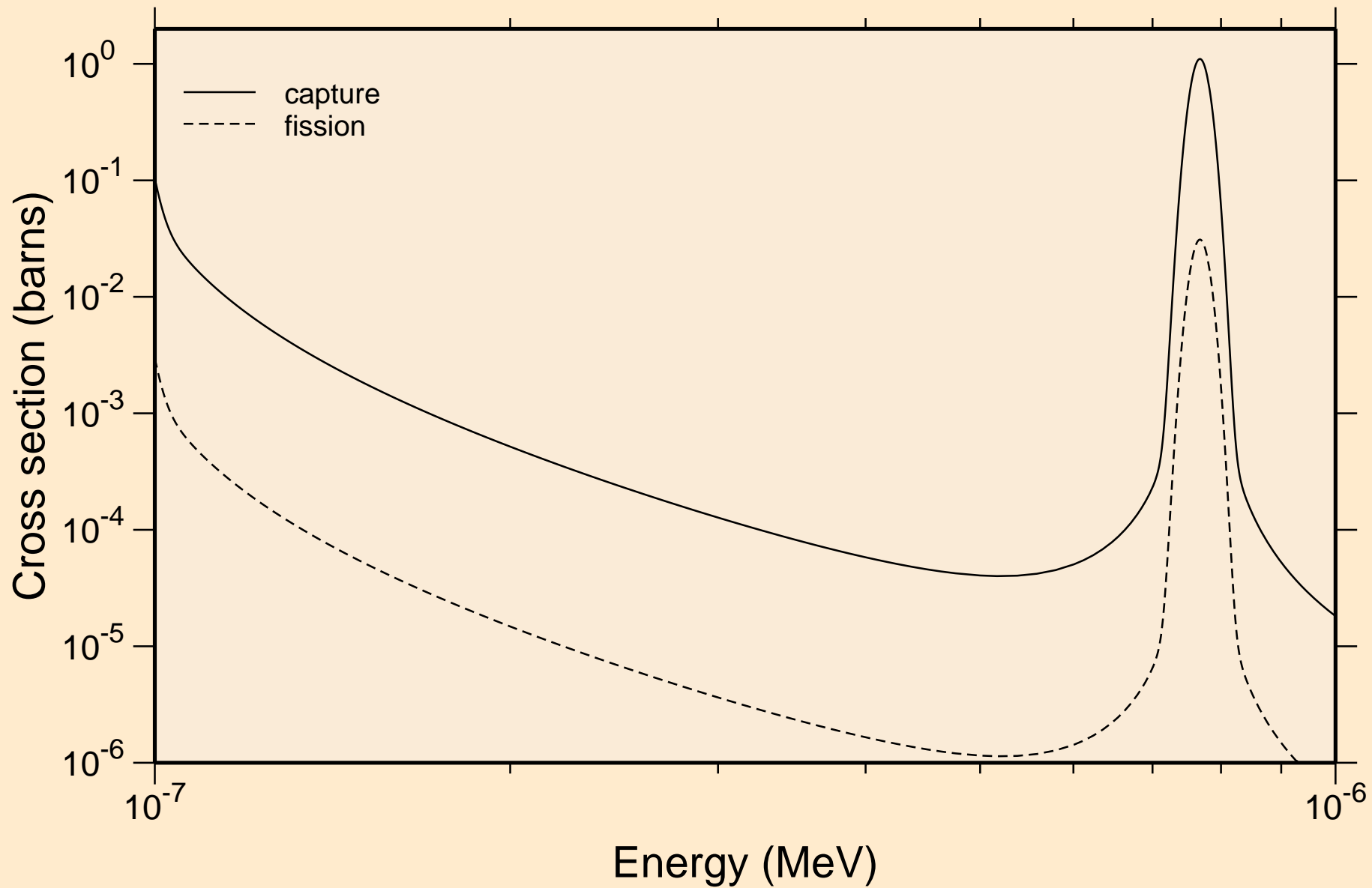
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

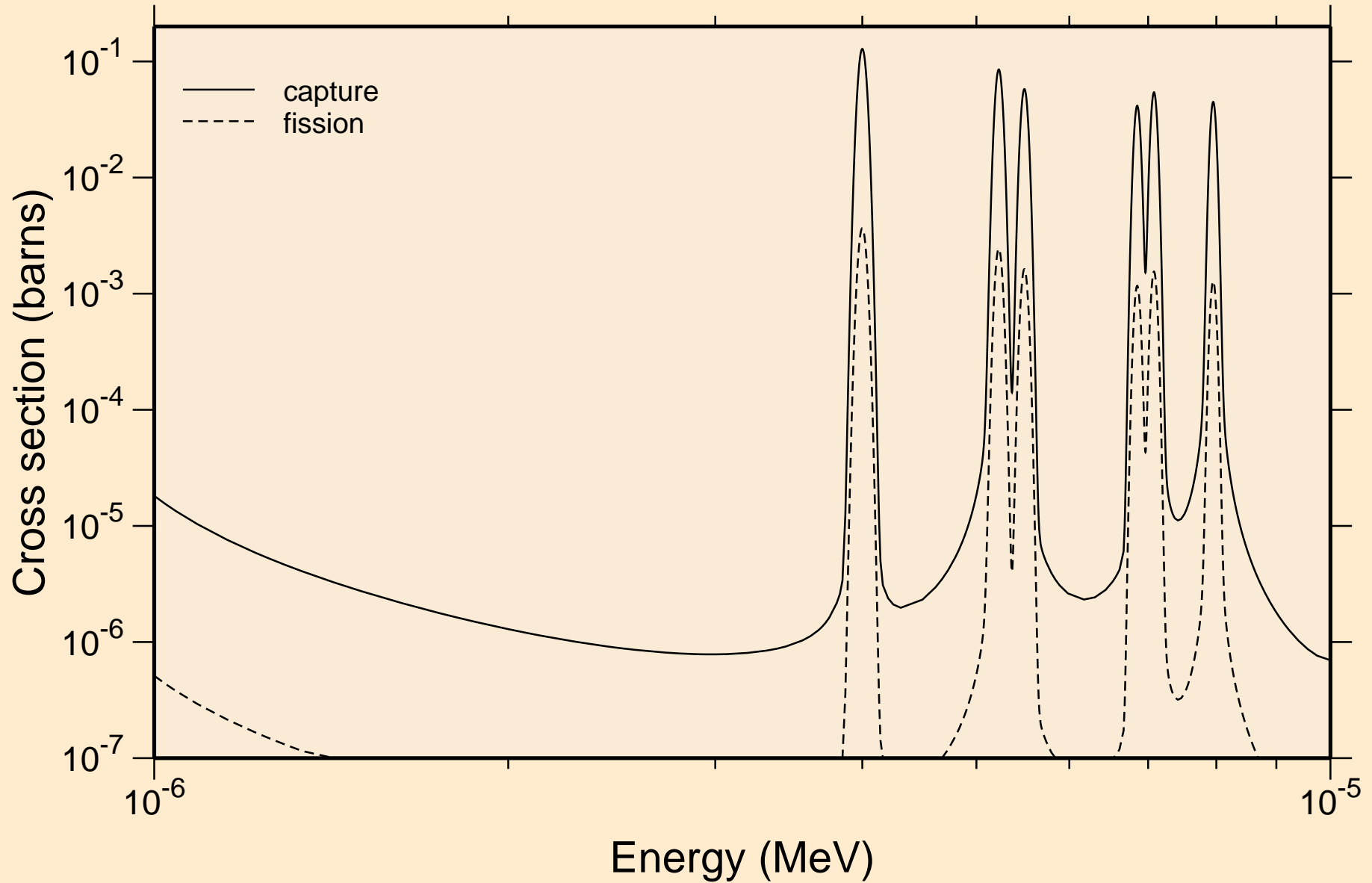


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

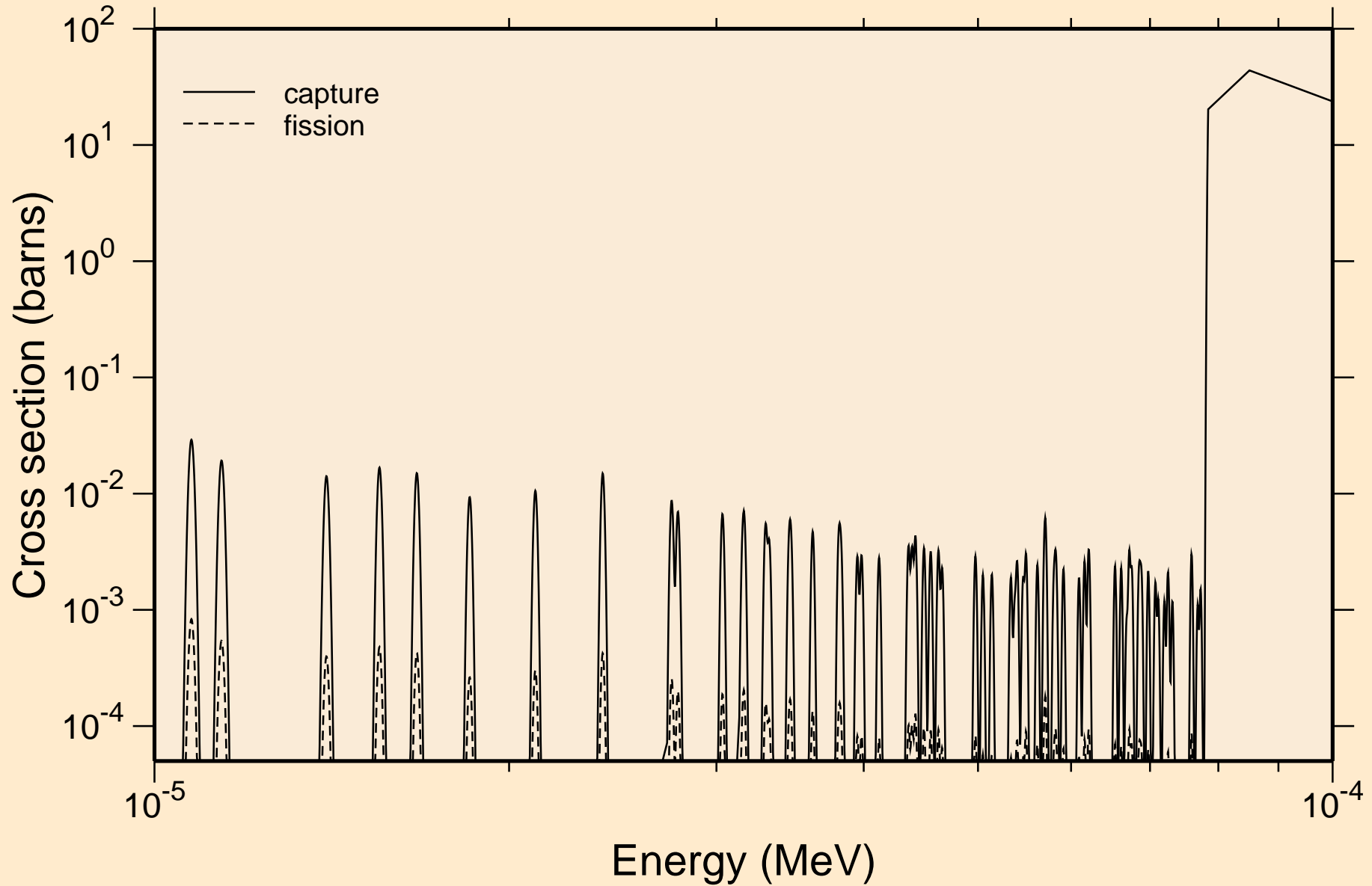




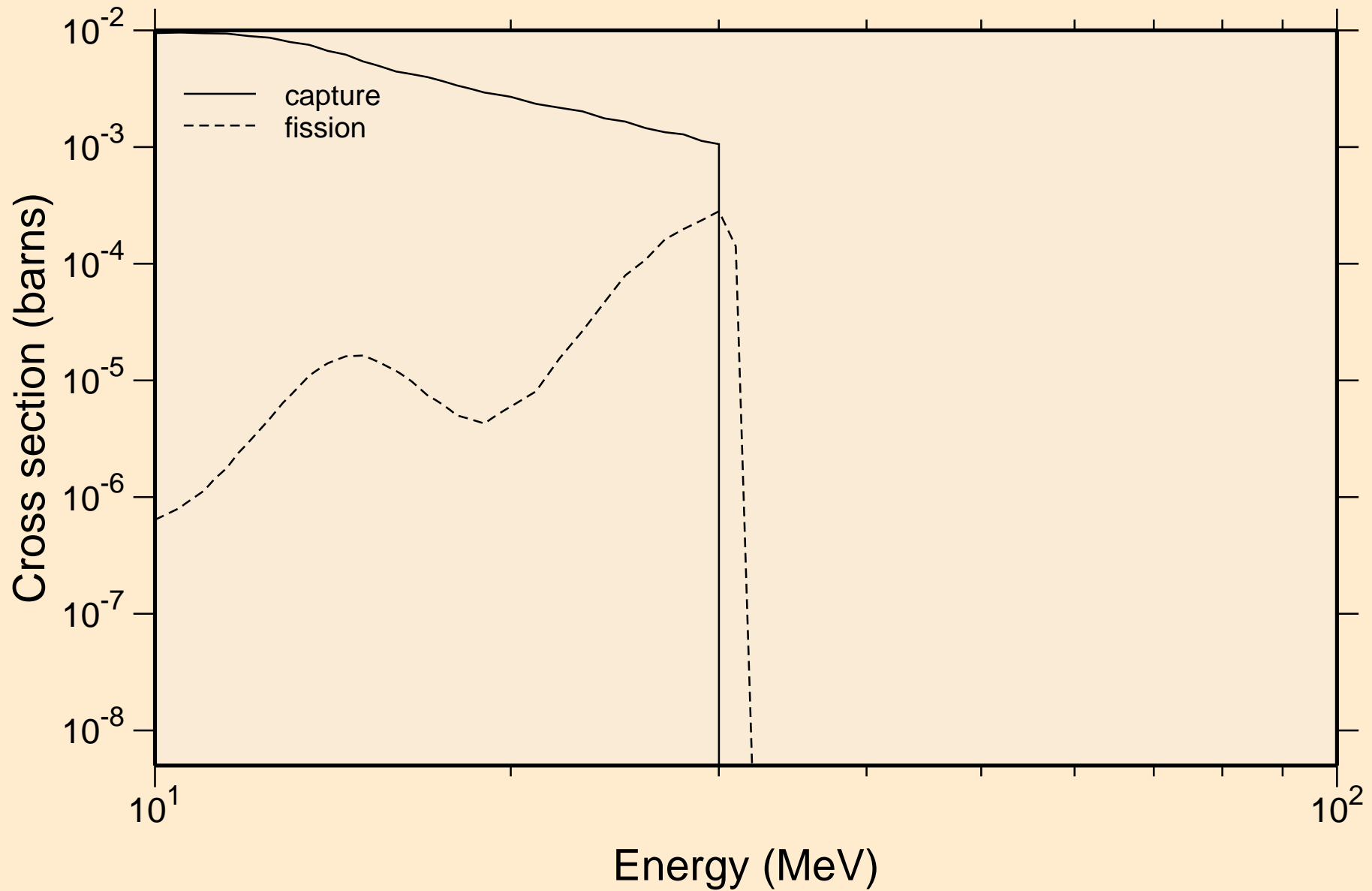
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



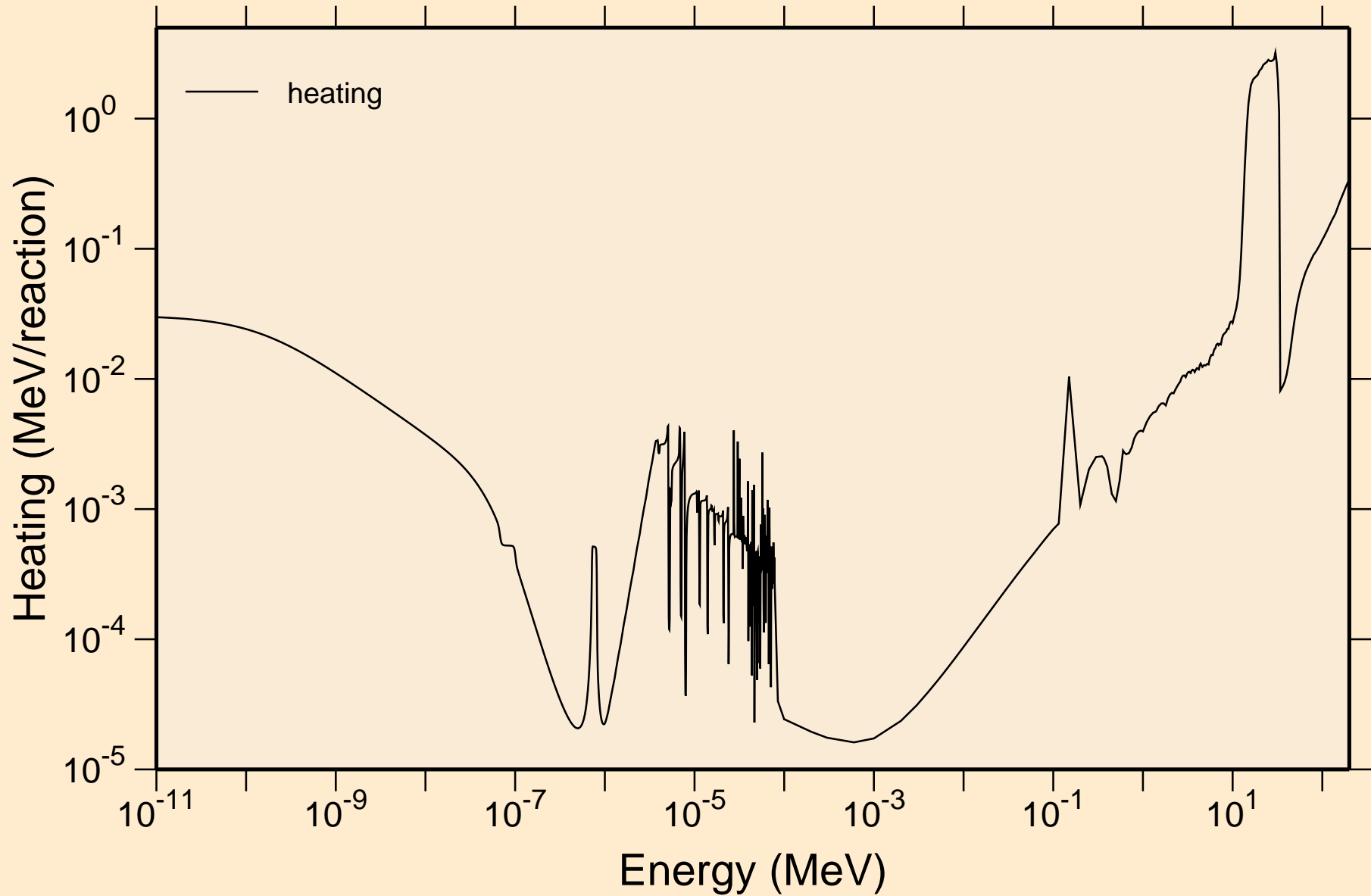
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

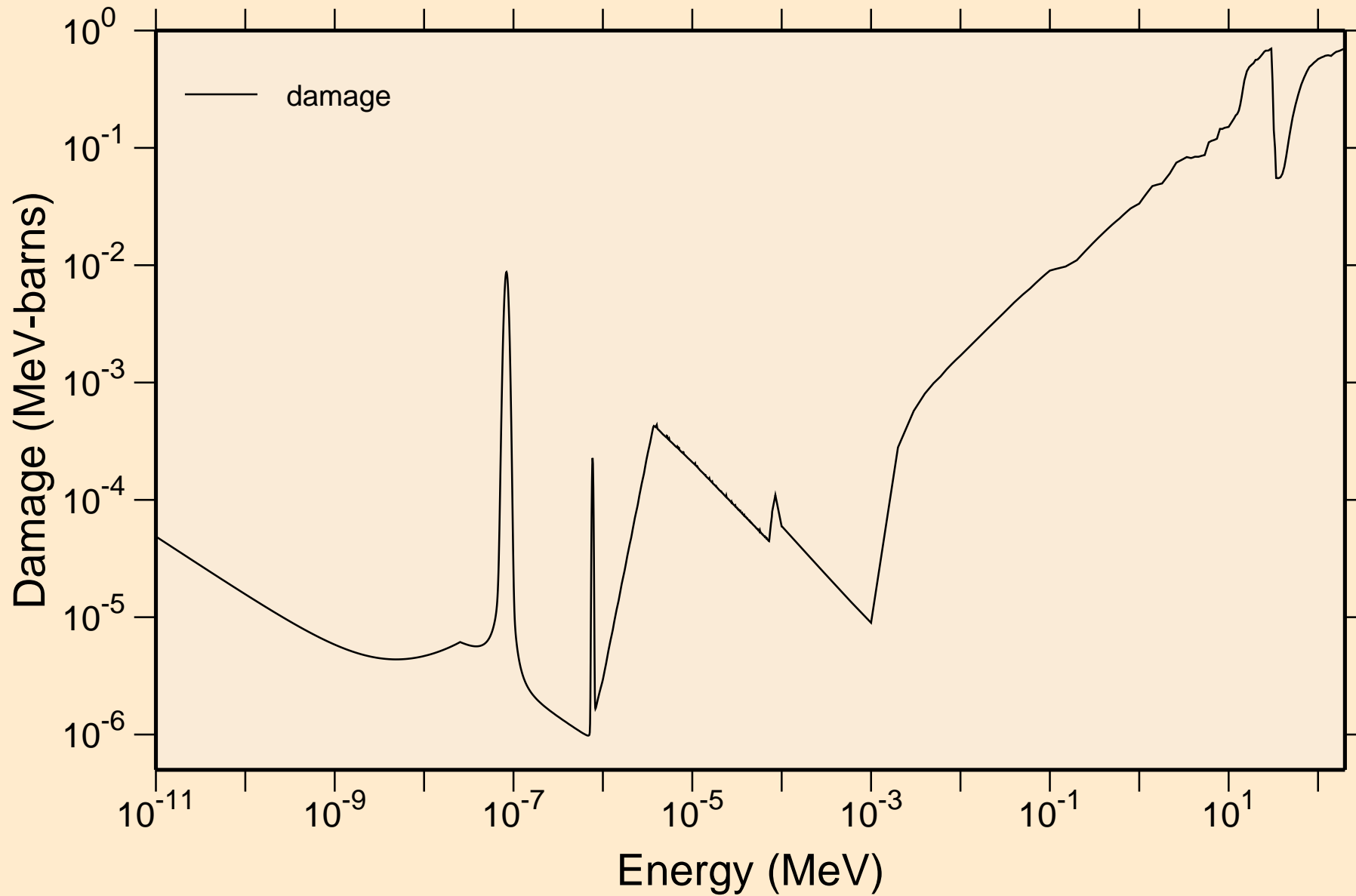


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



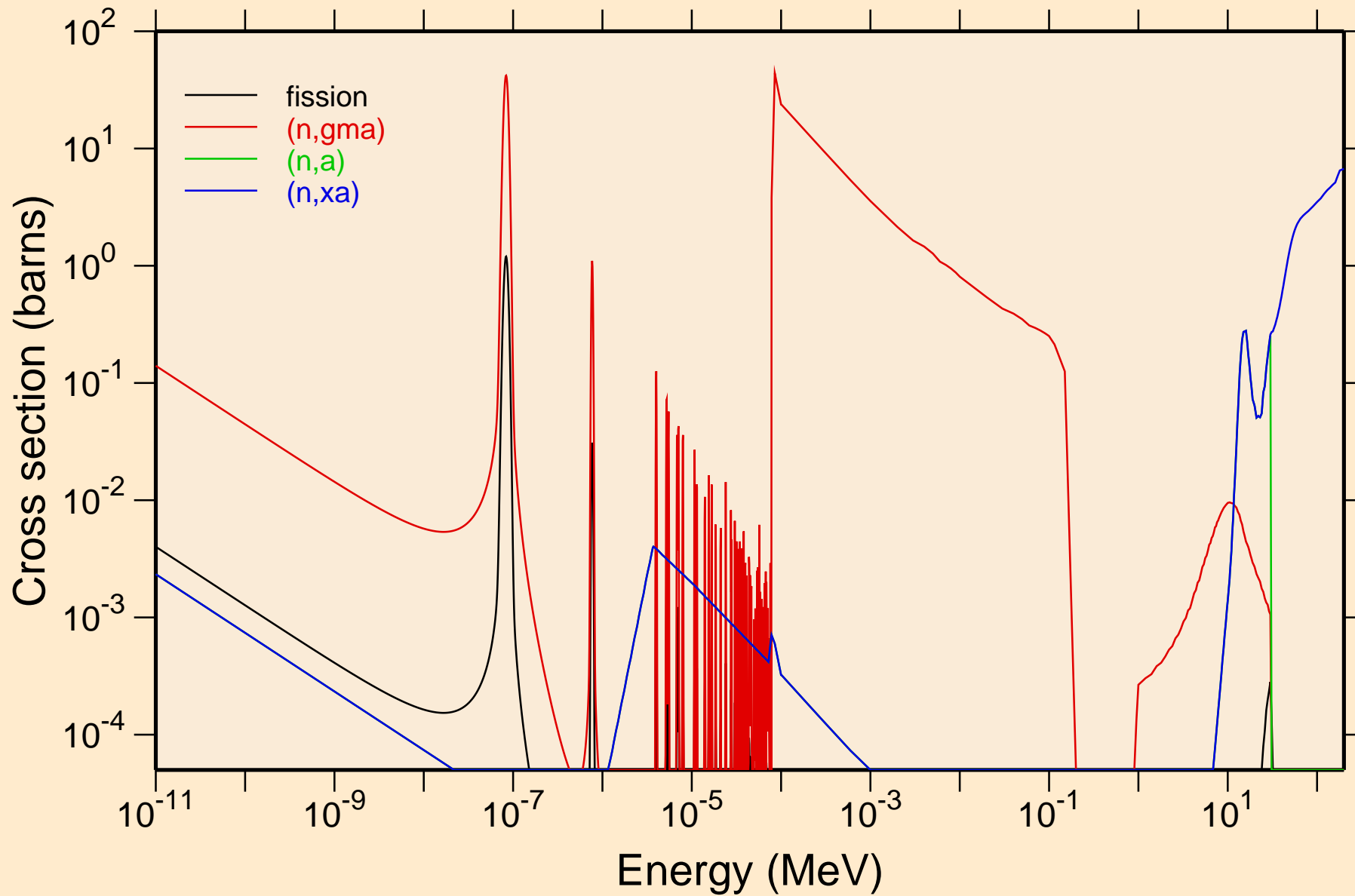
# RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage



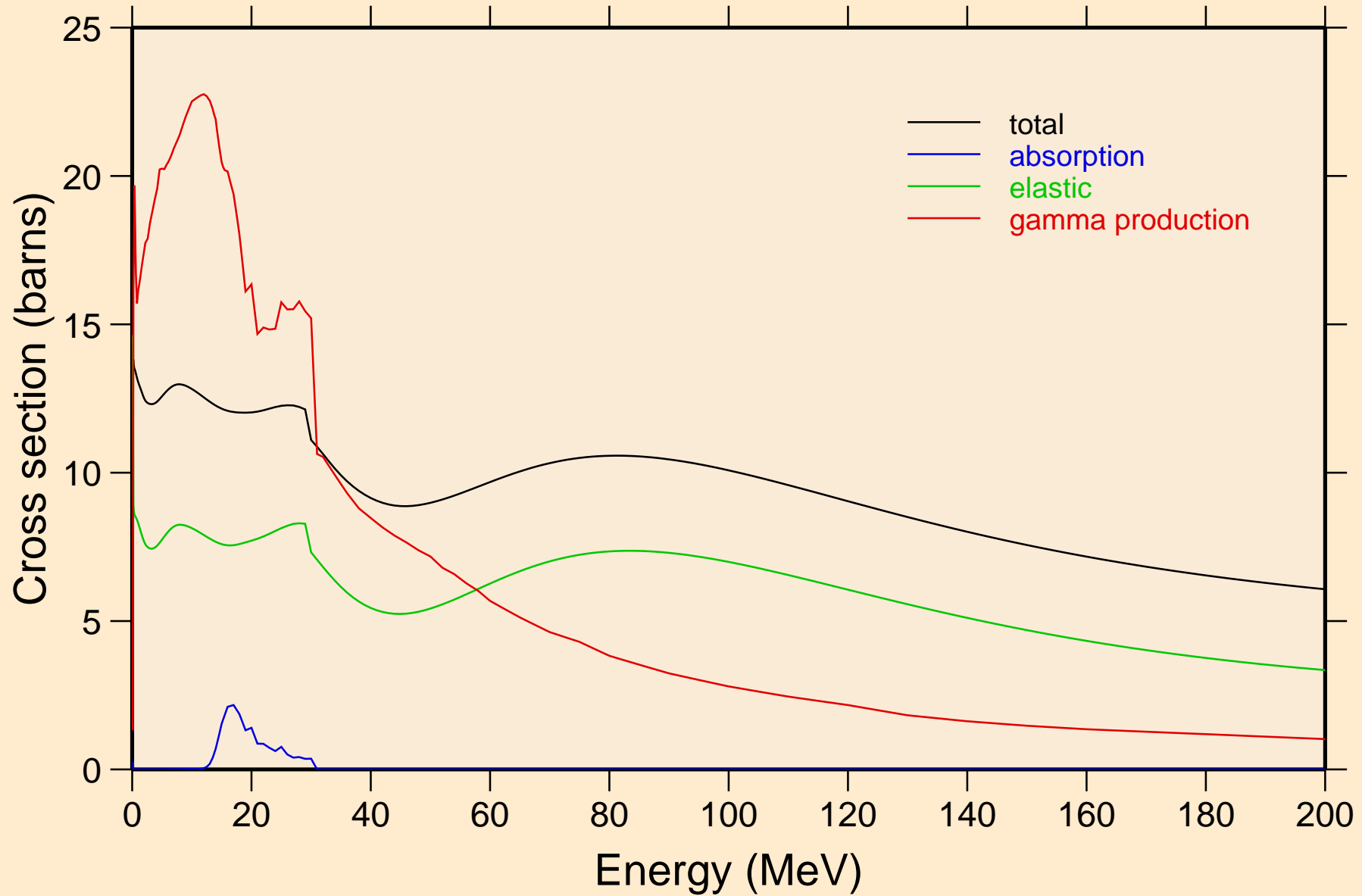
# RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

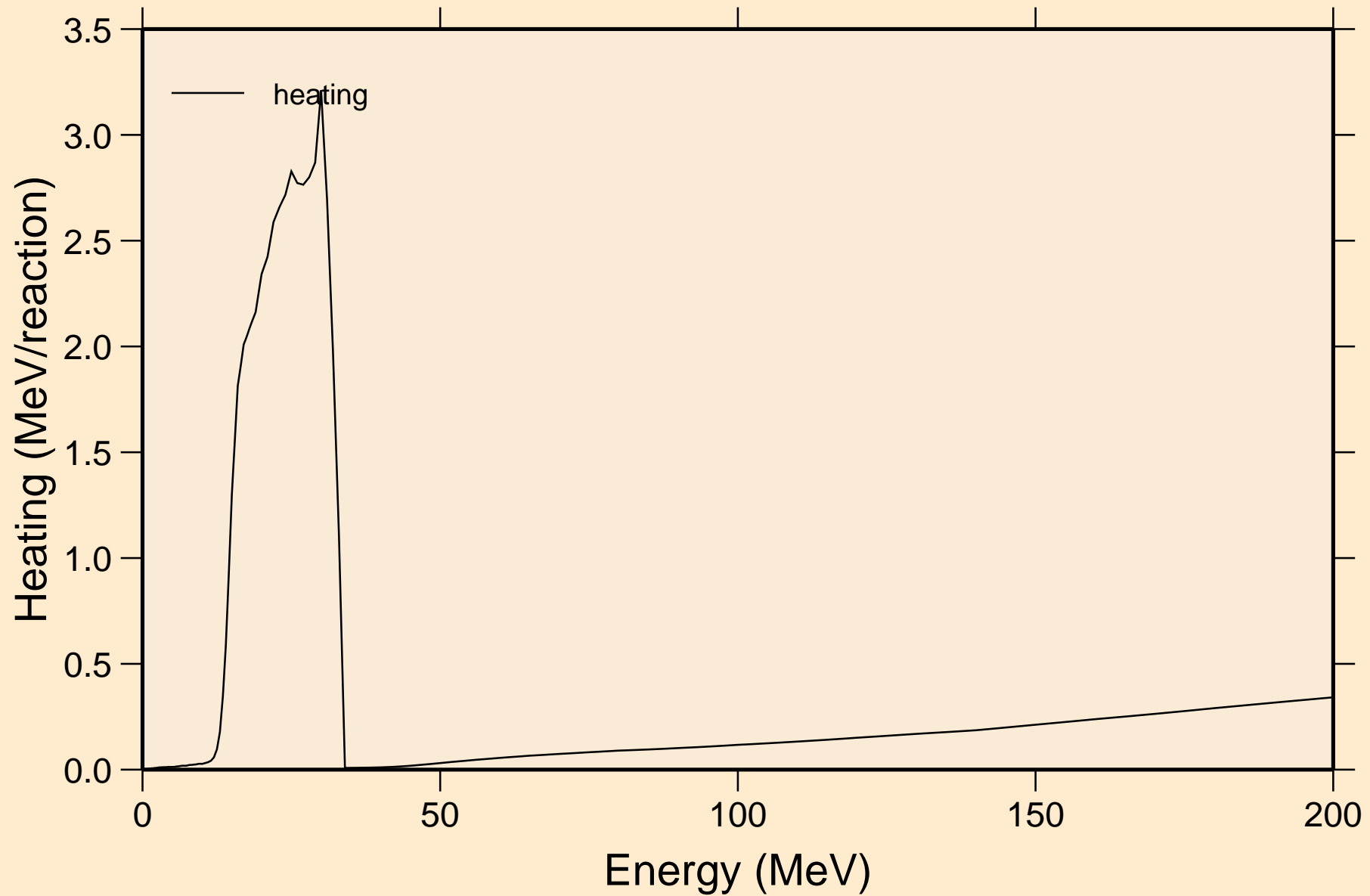


# RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

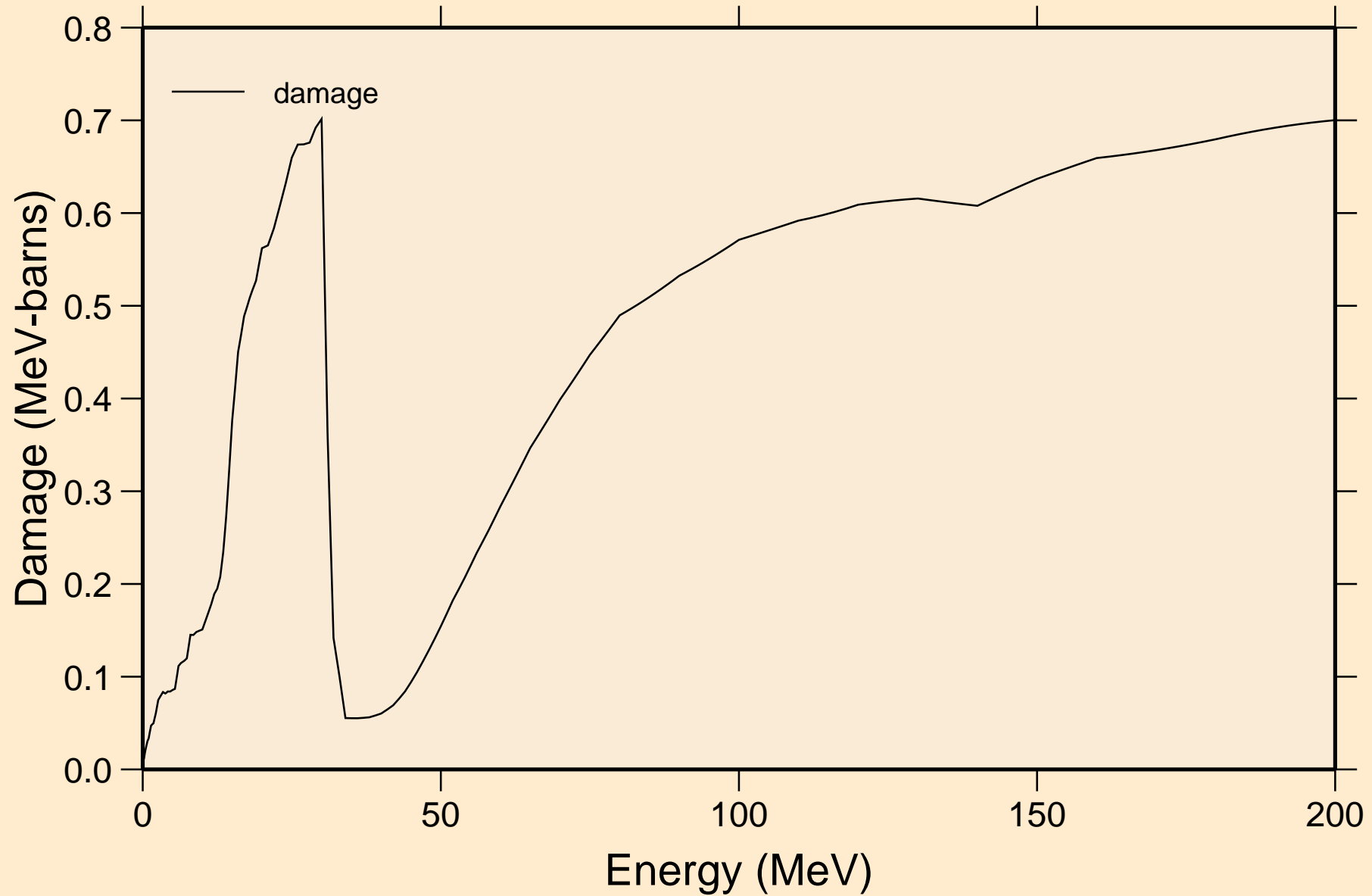


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

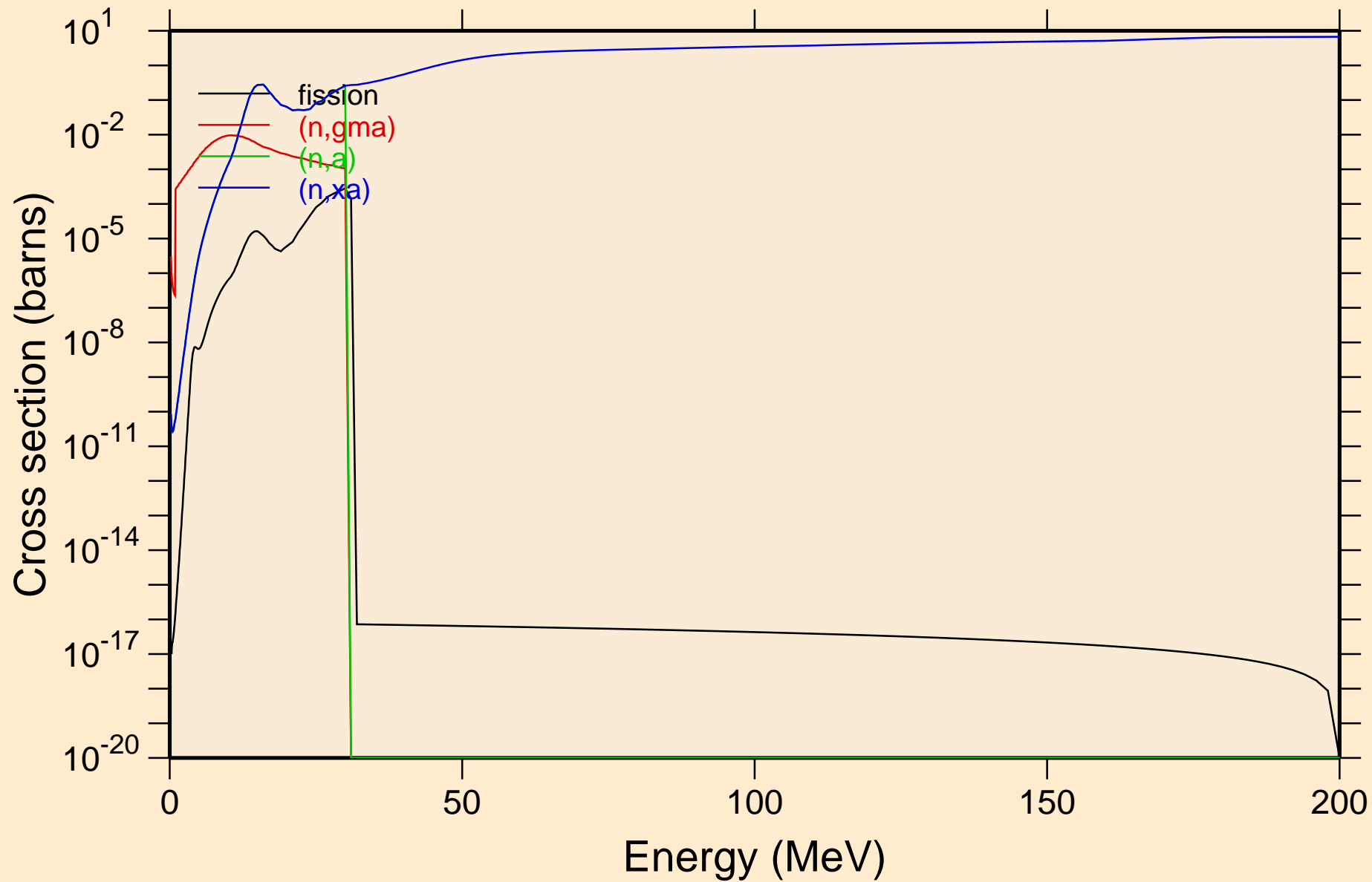




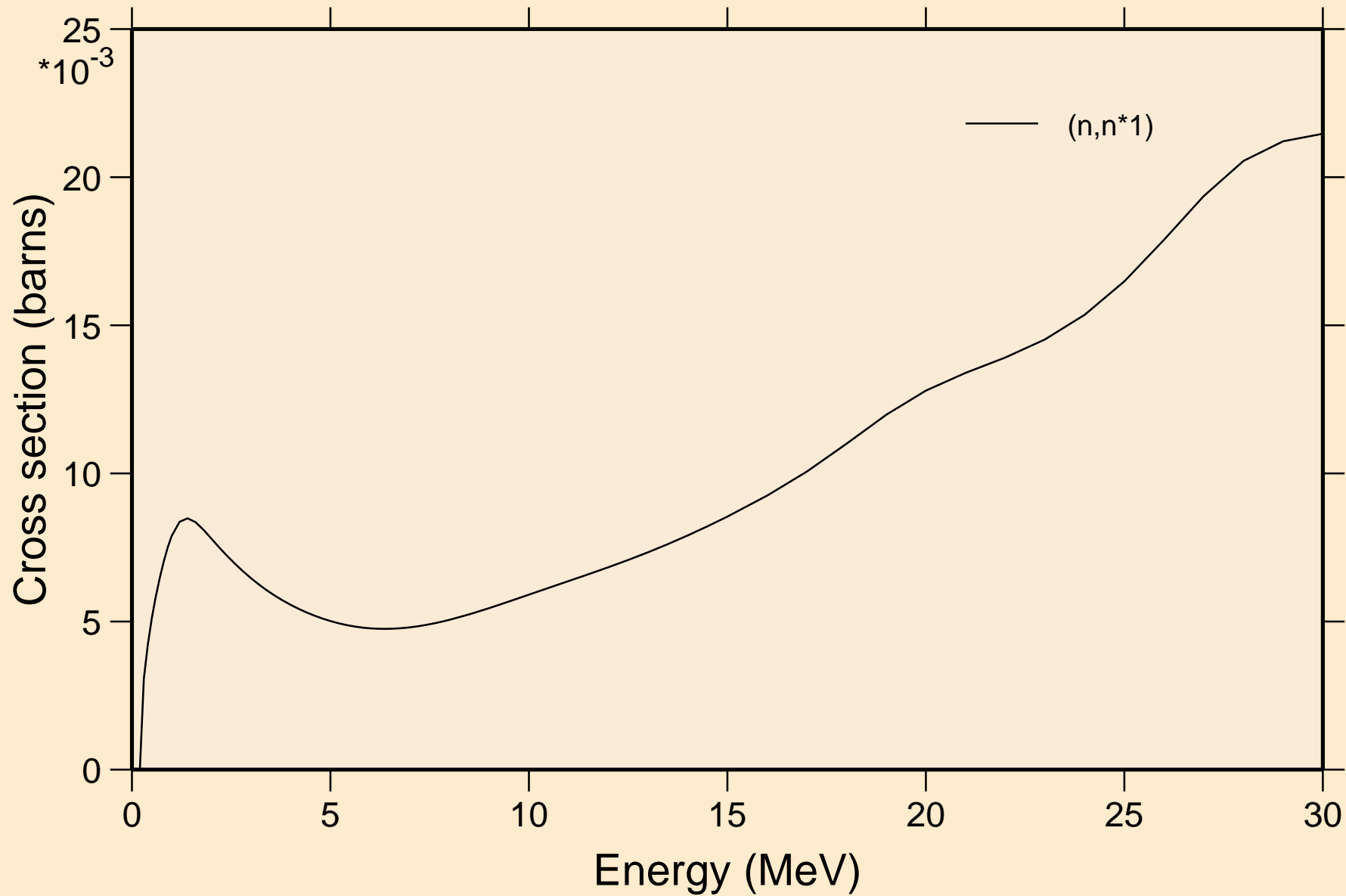
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



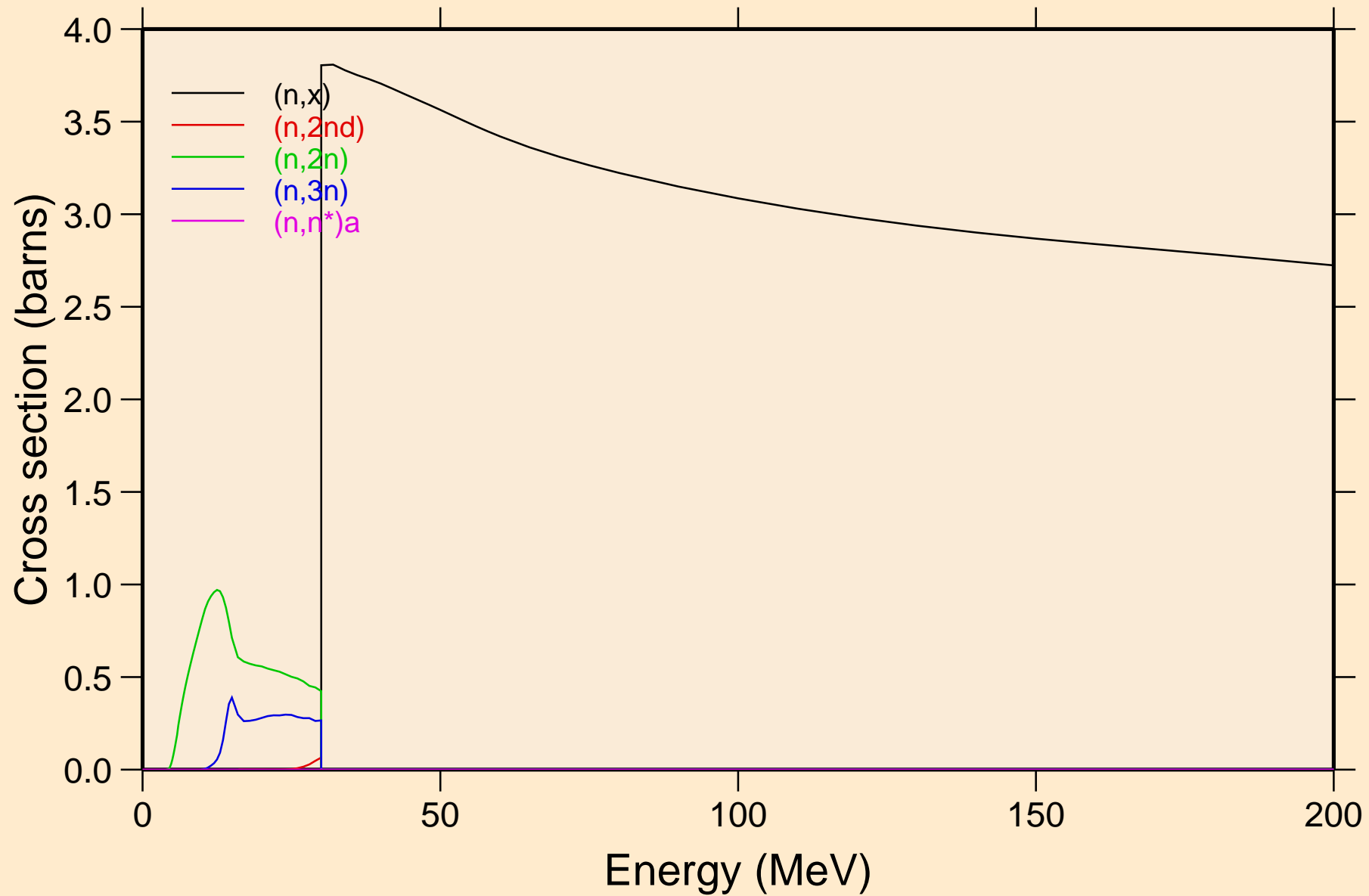
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



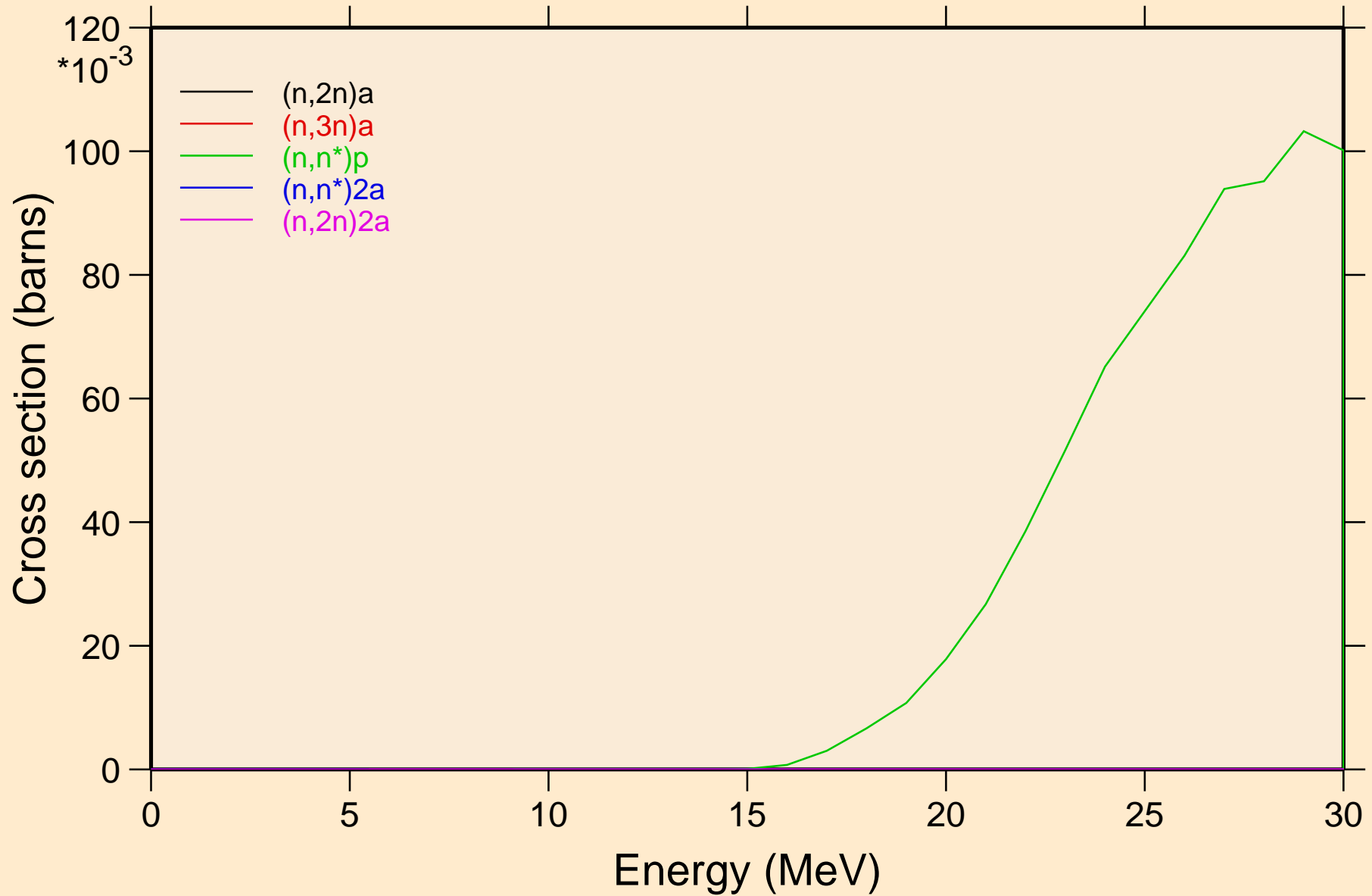
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



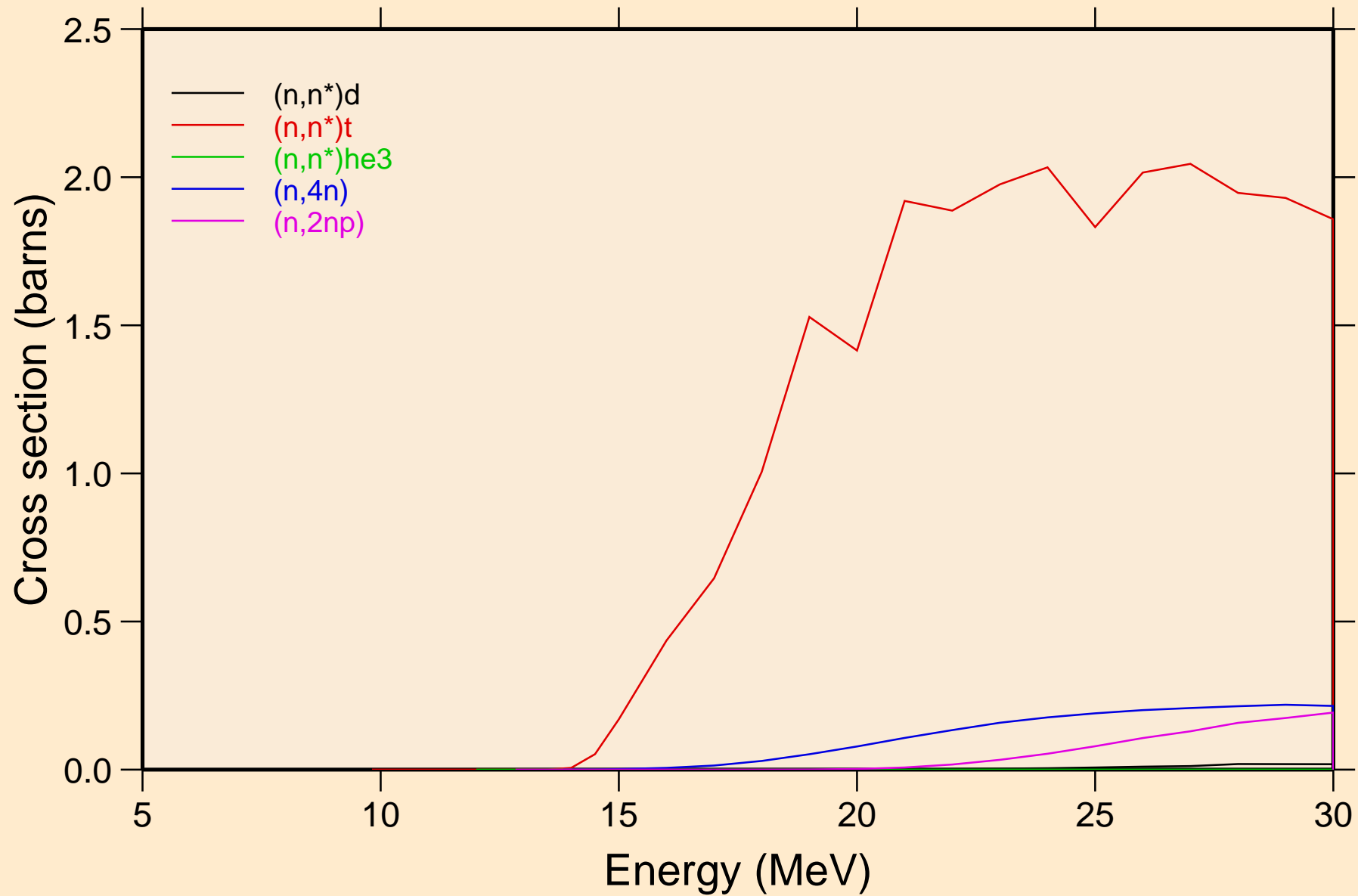
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



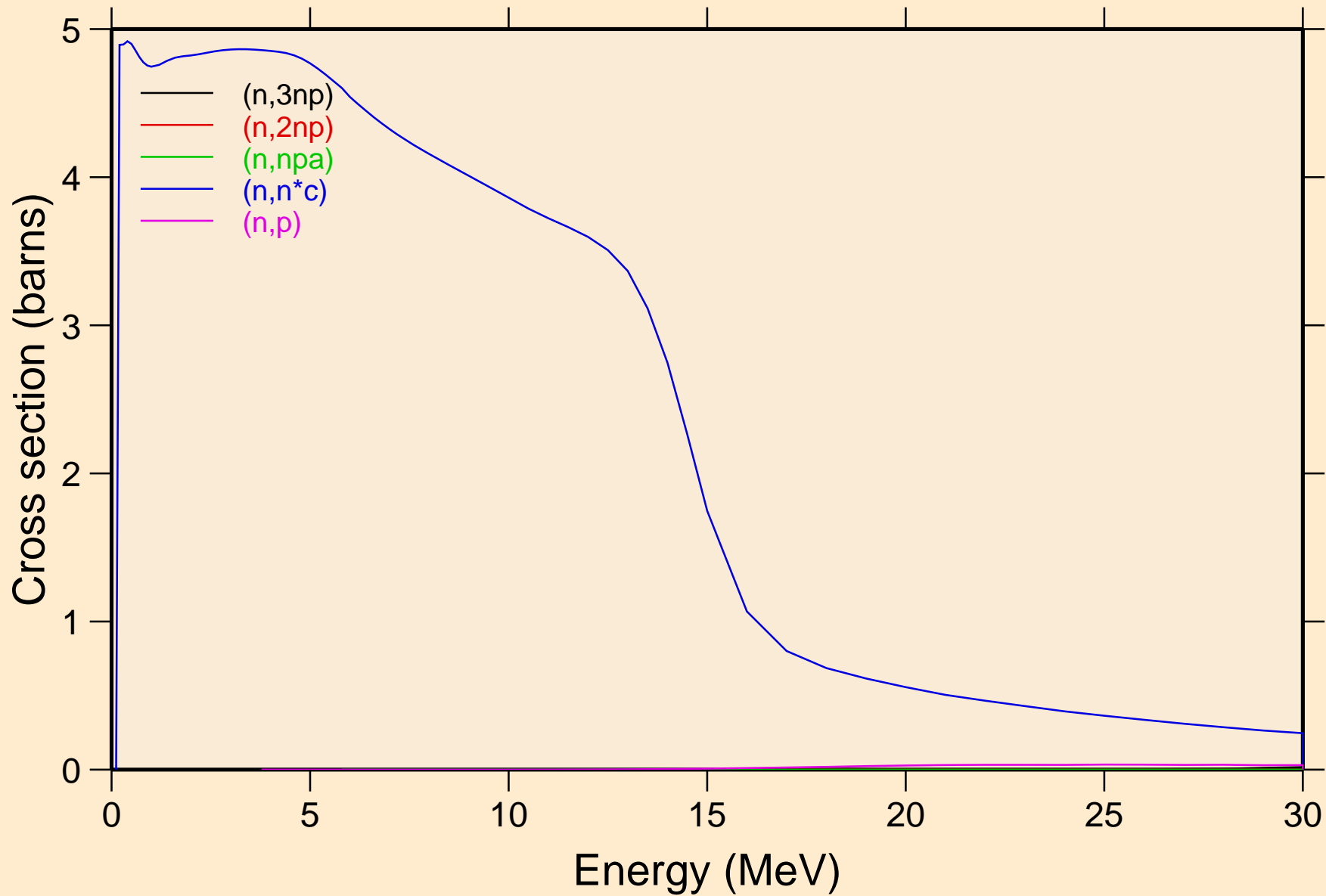
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



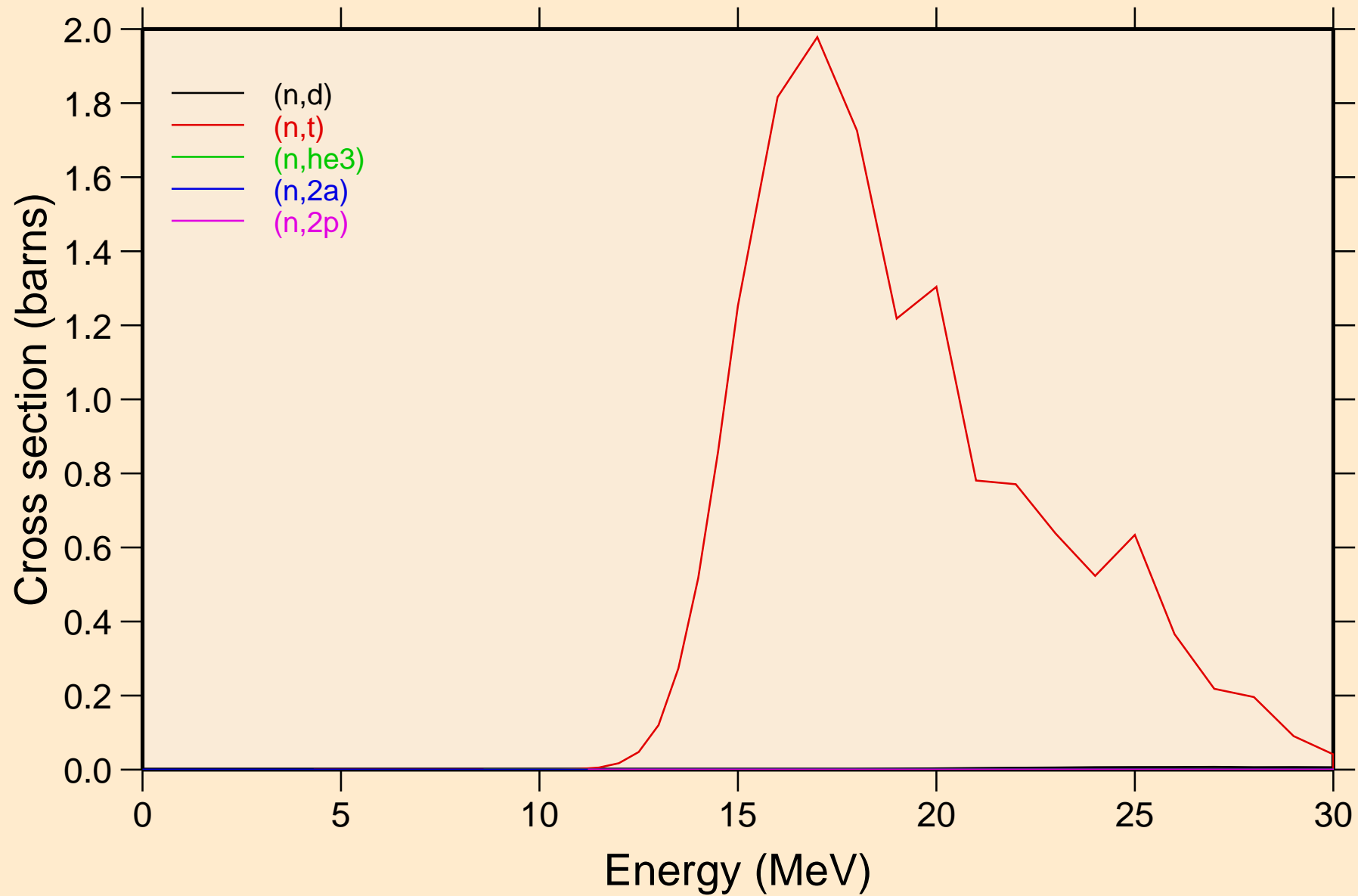
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

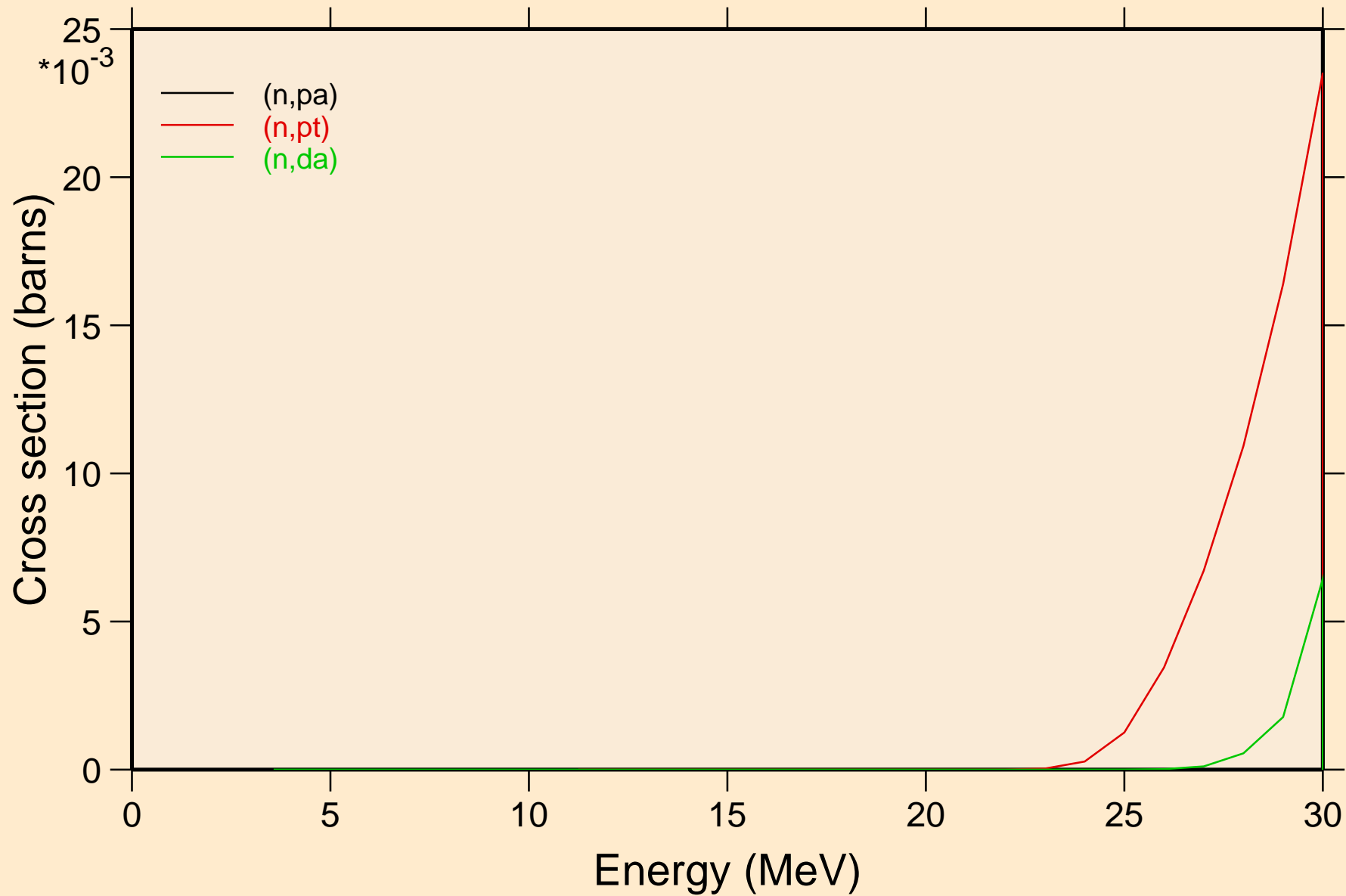


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

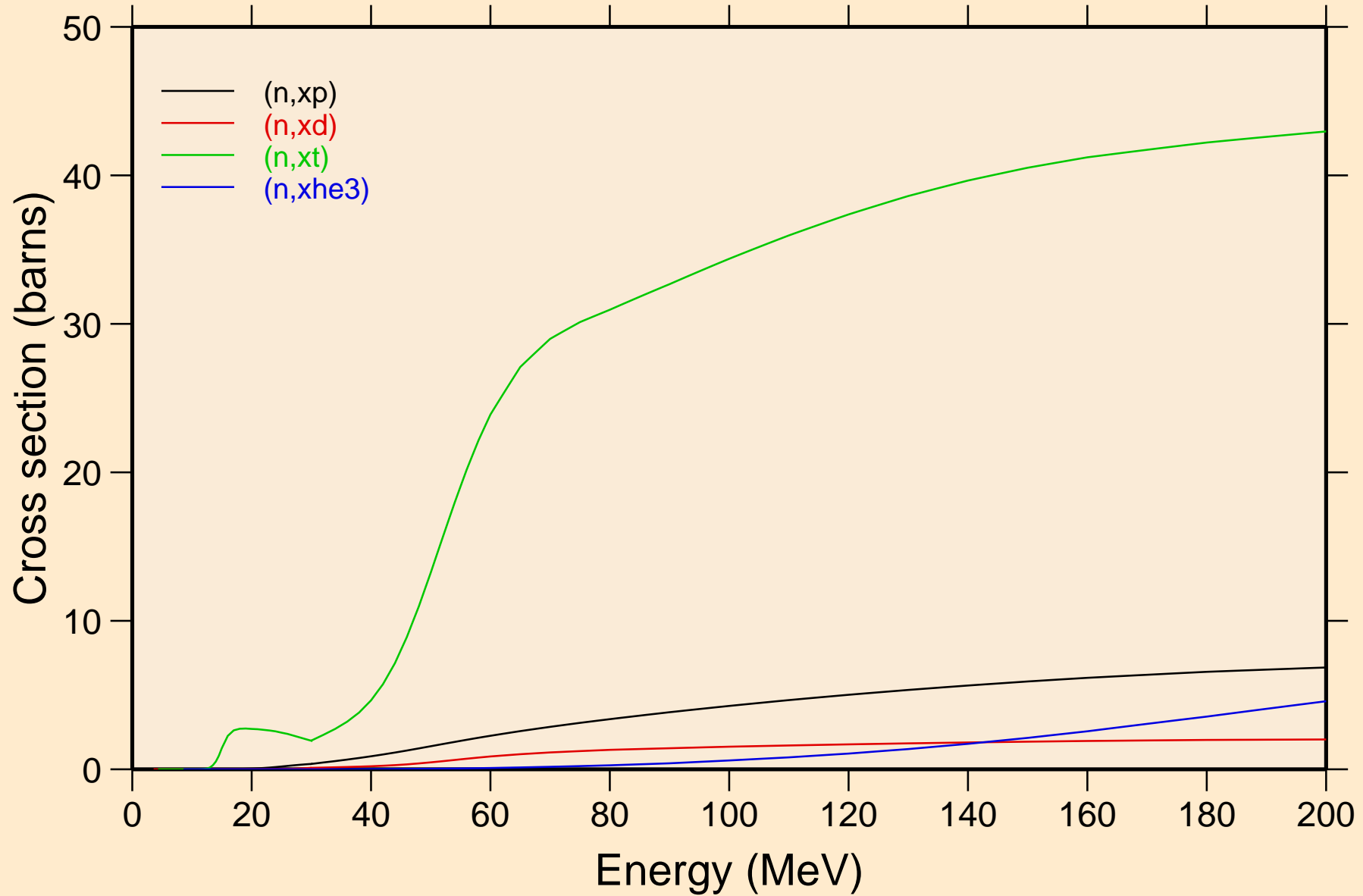




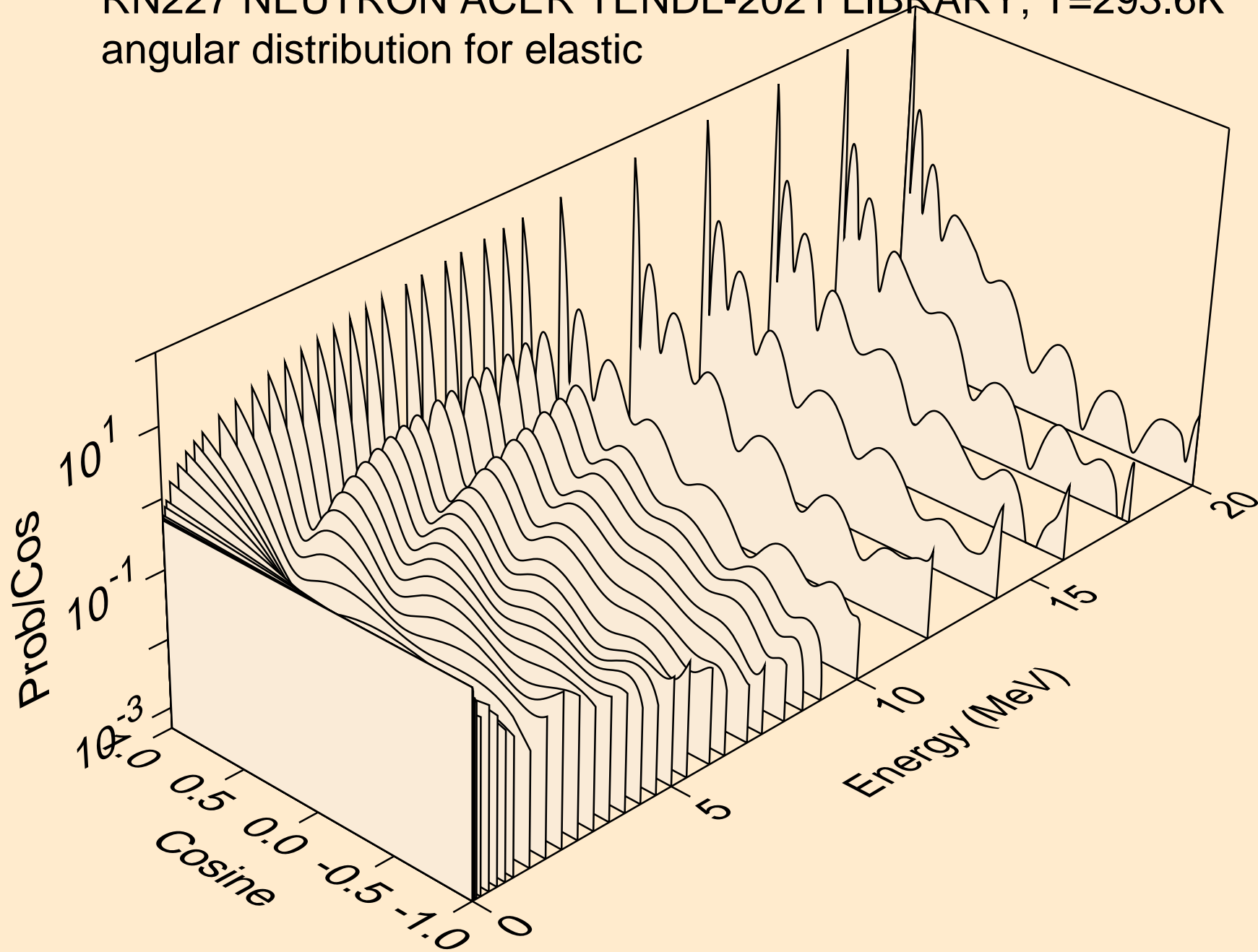
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



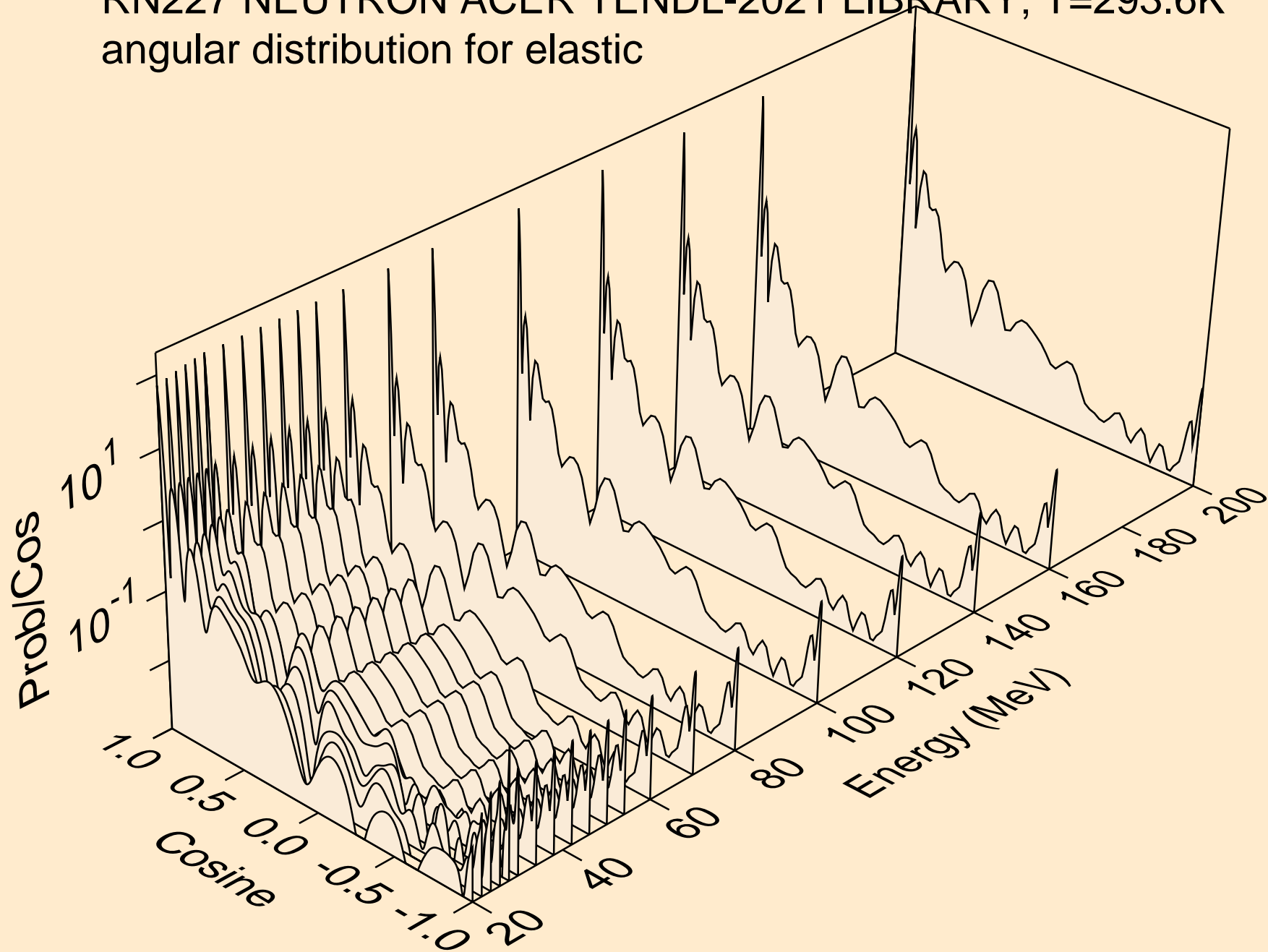
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



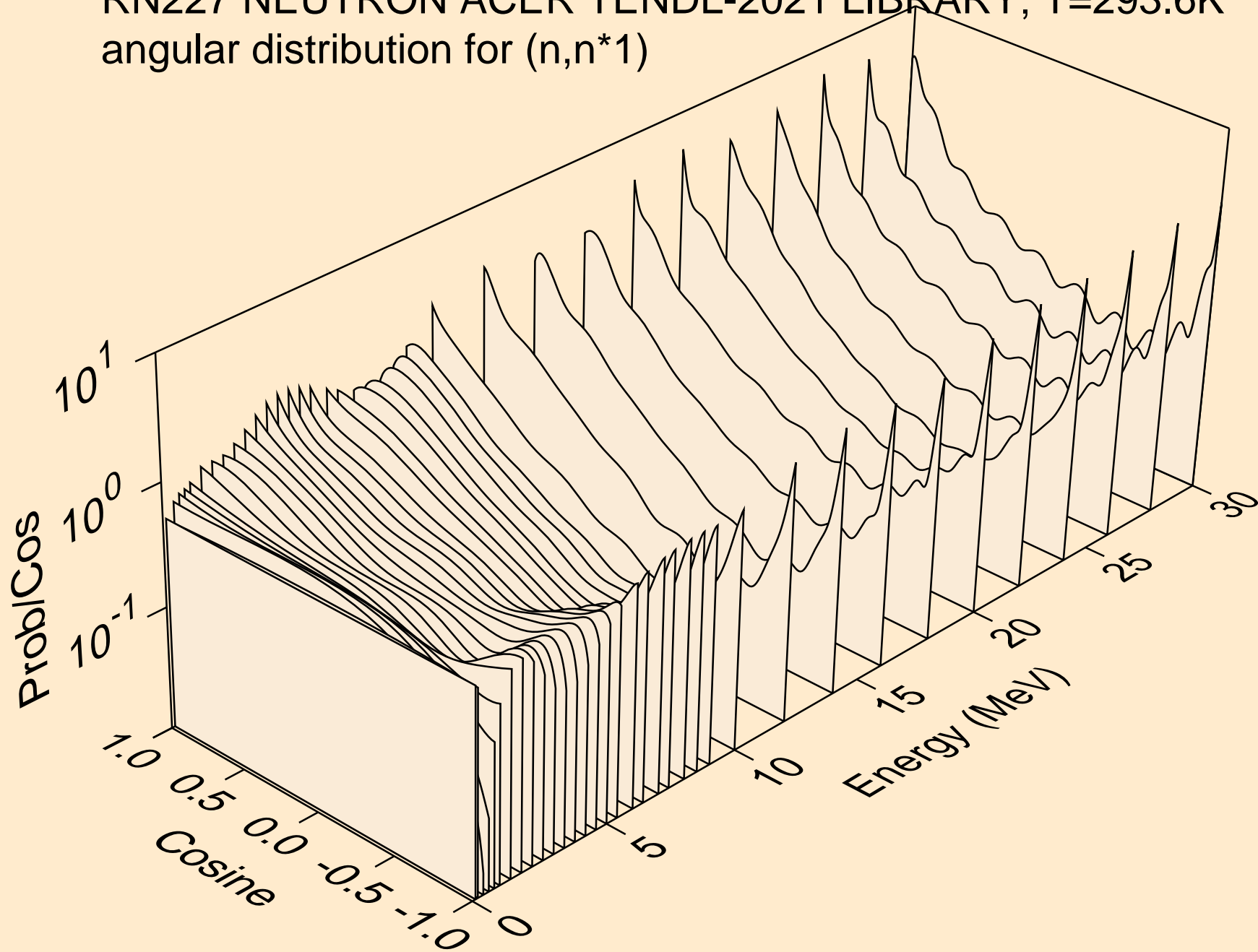
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



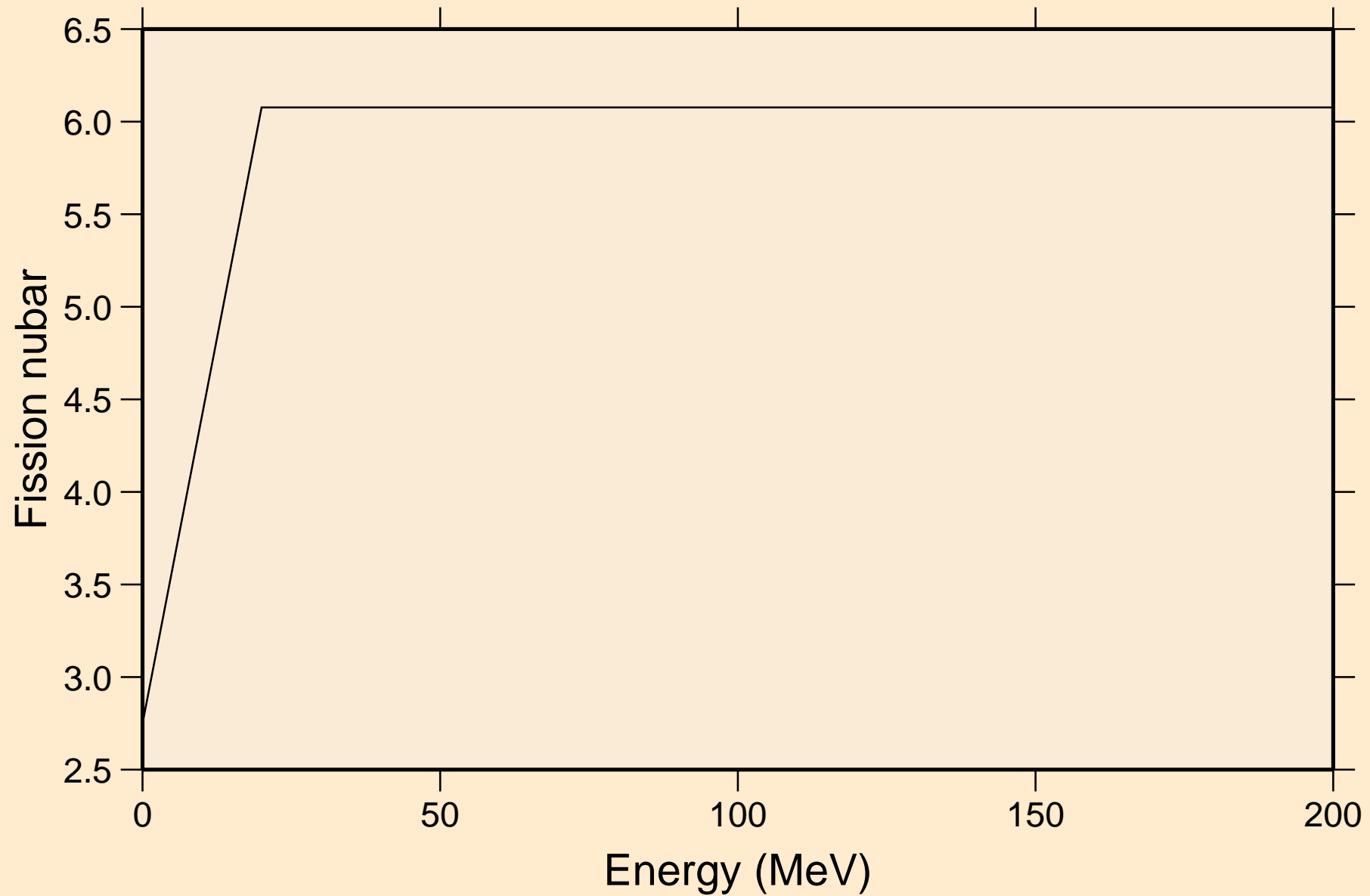
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angular distribution for elastic



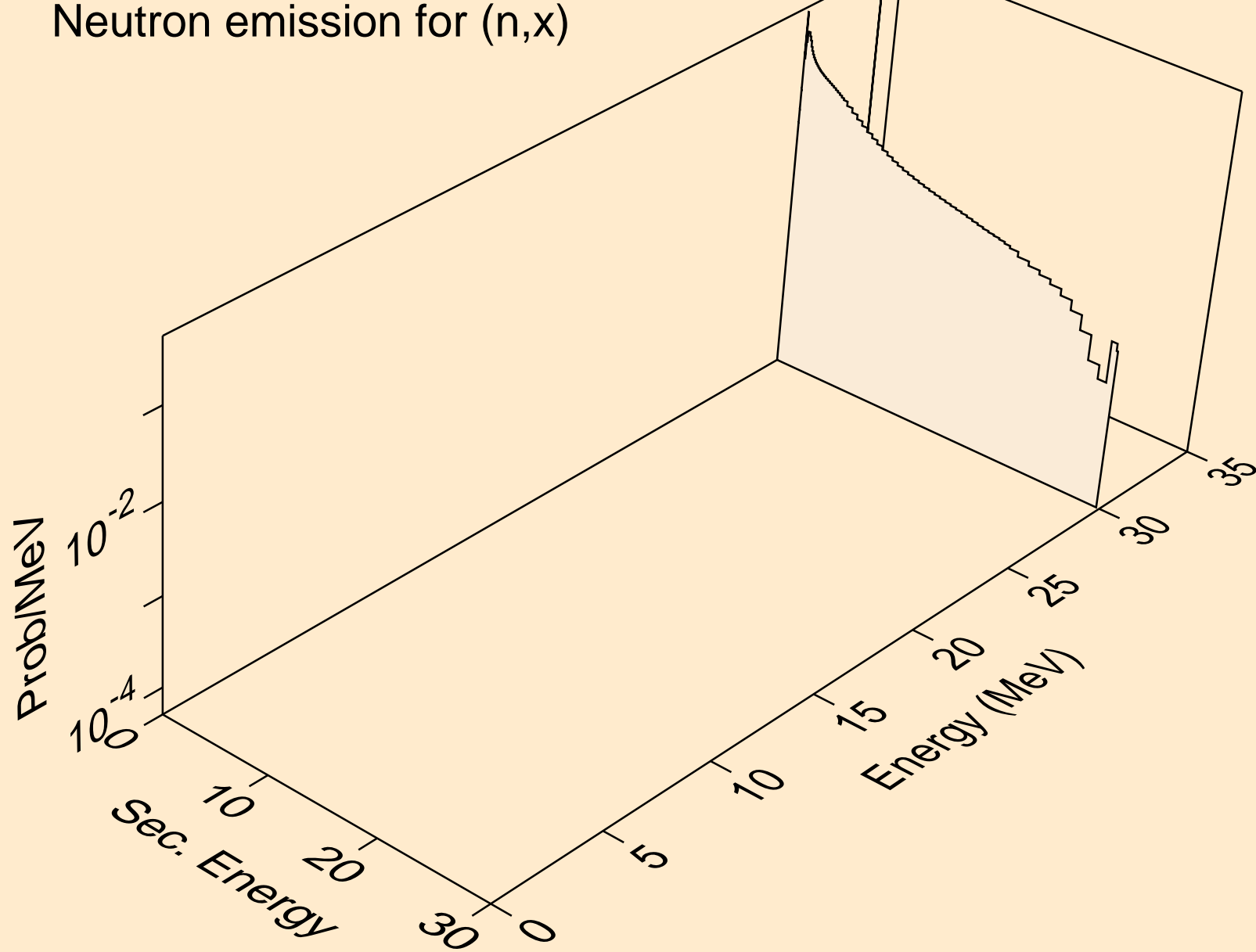
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



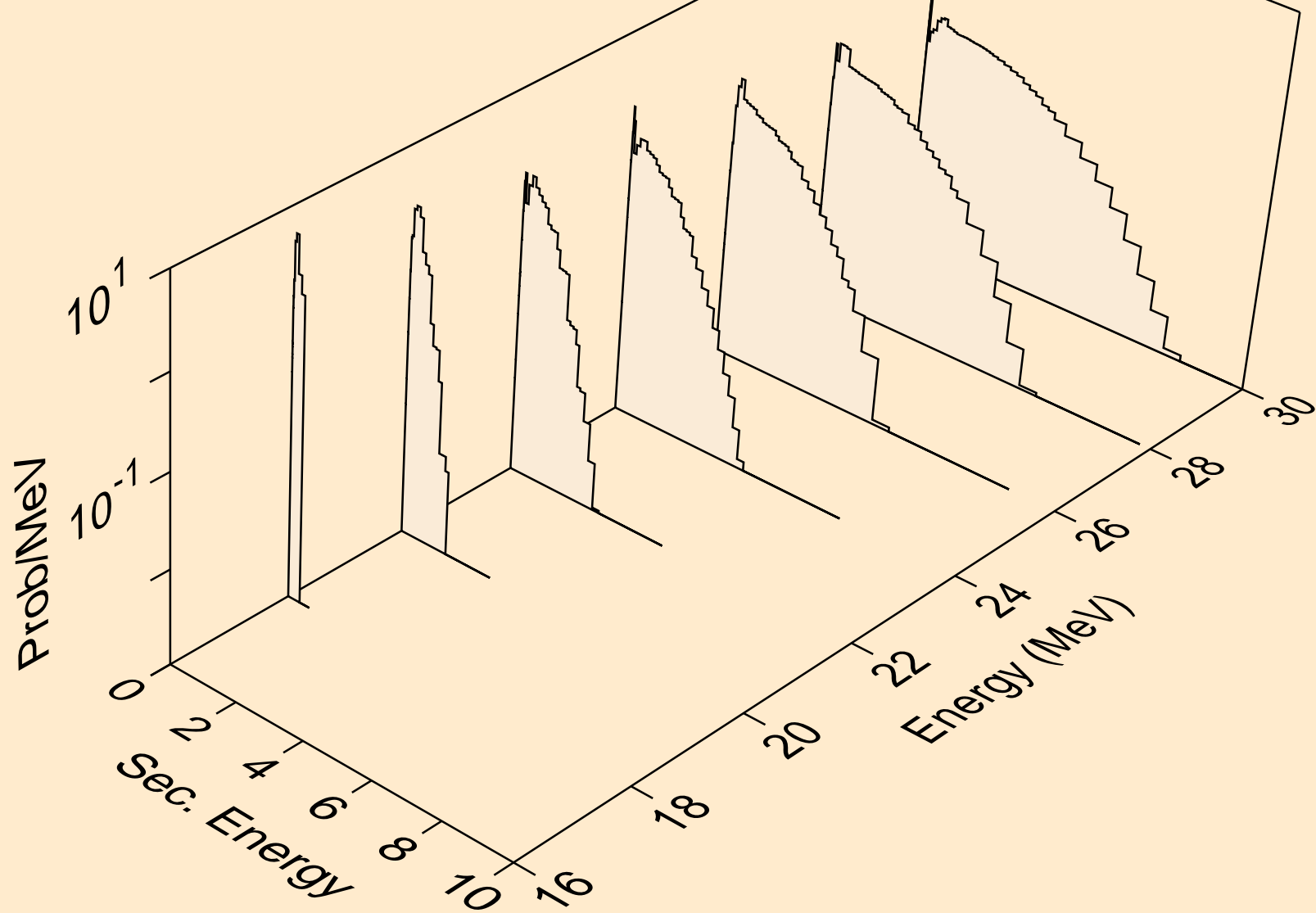
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

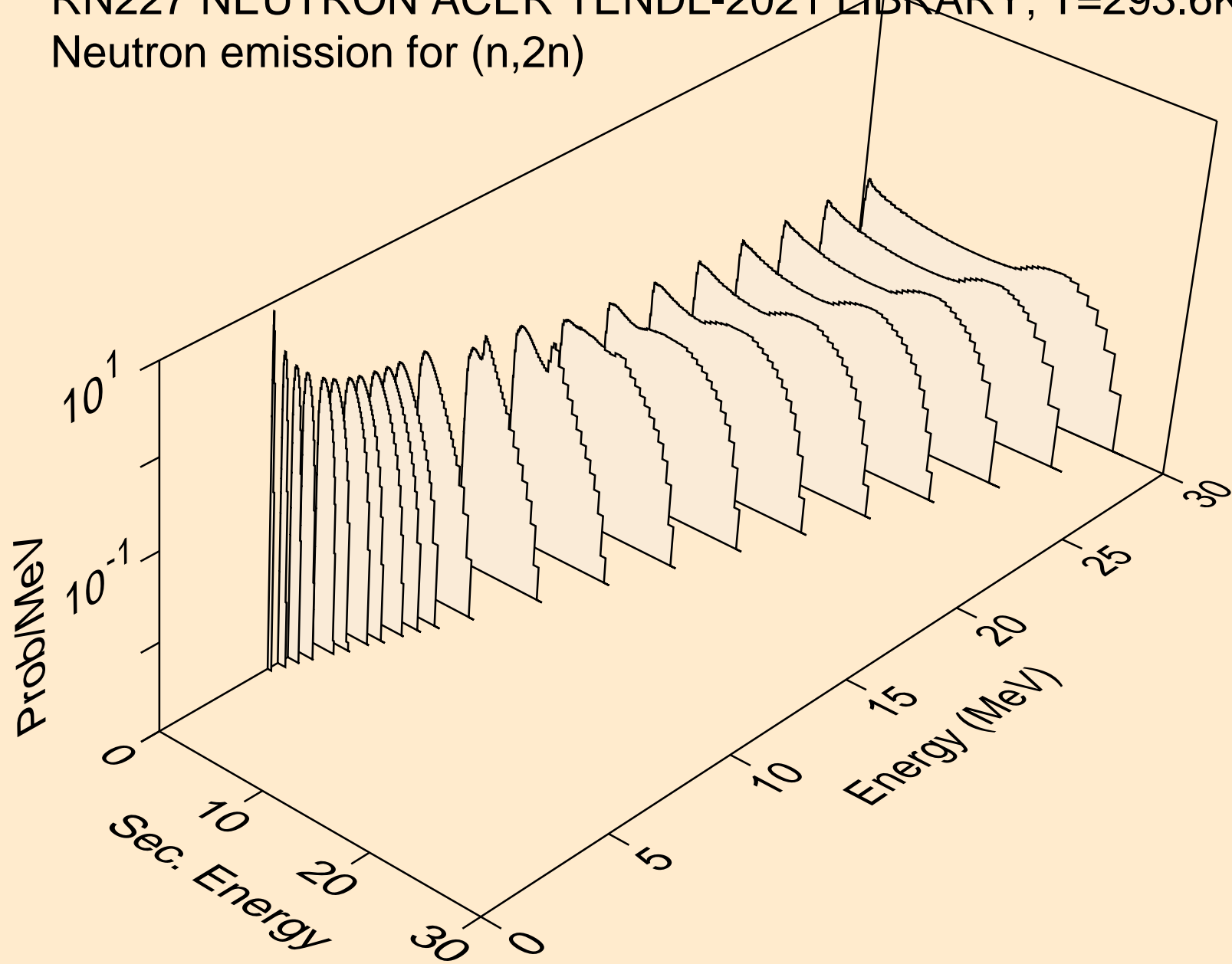


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

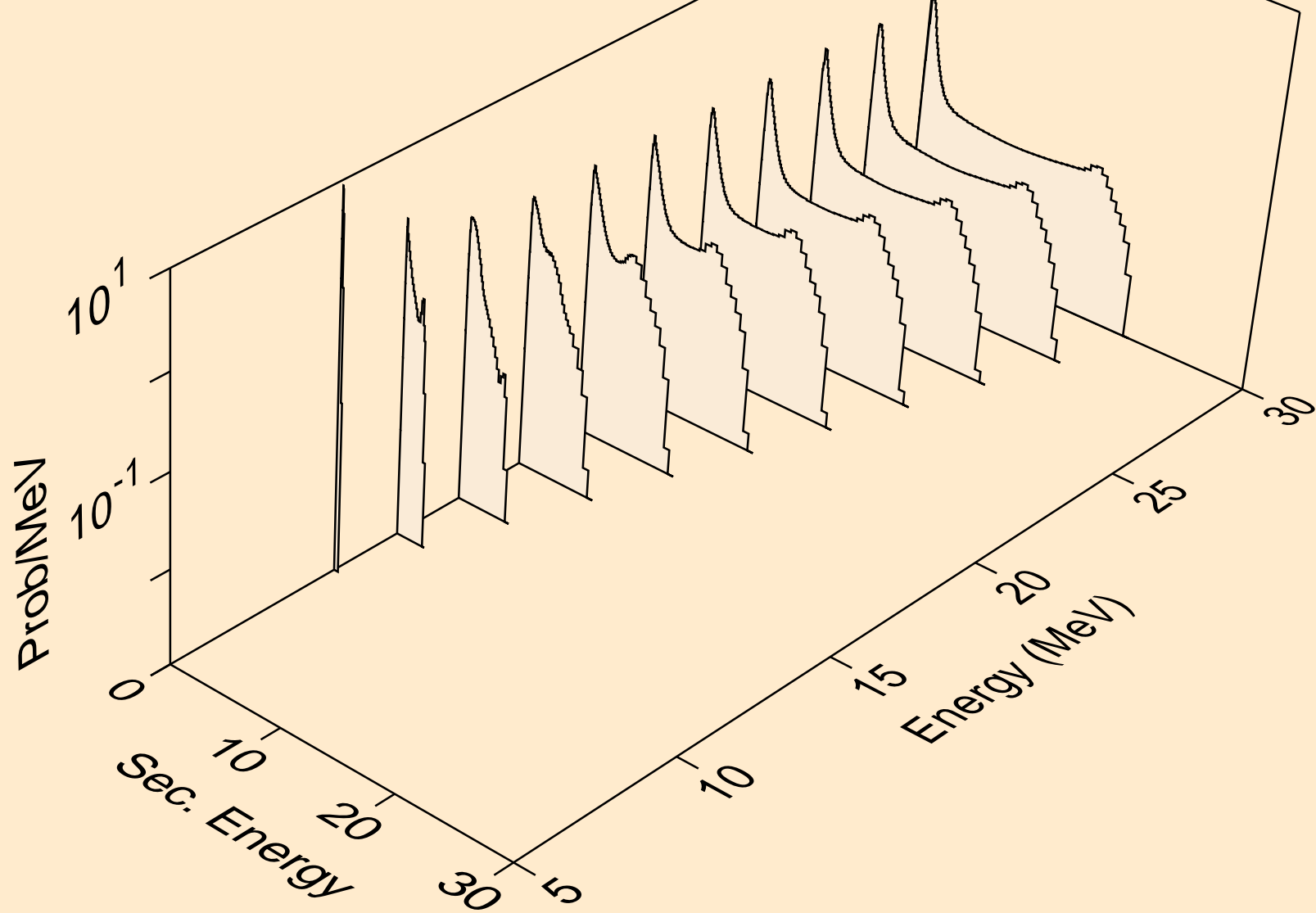




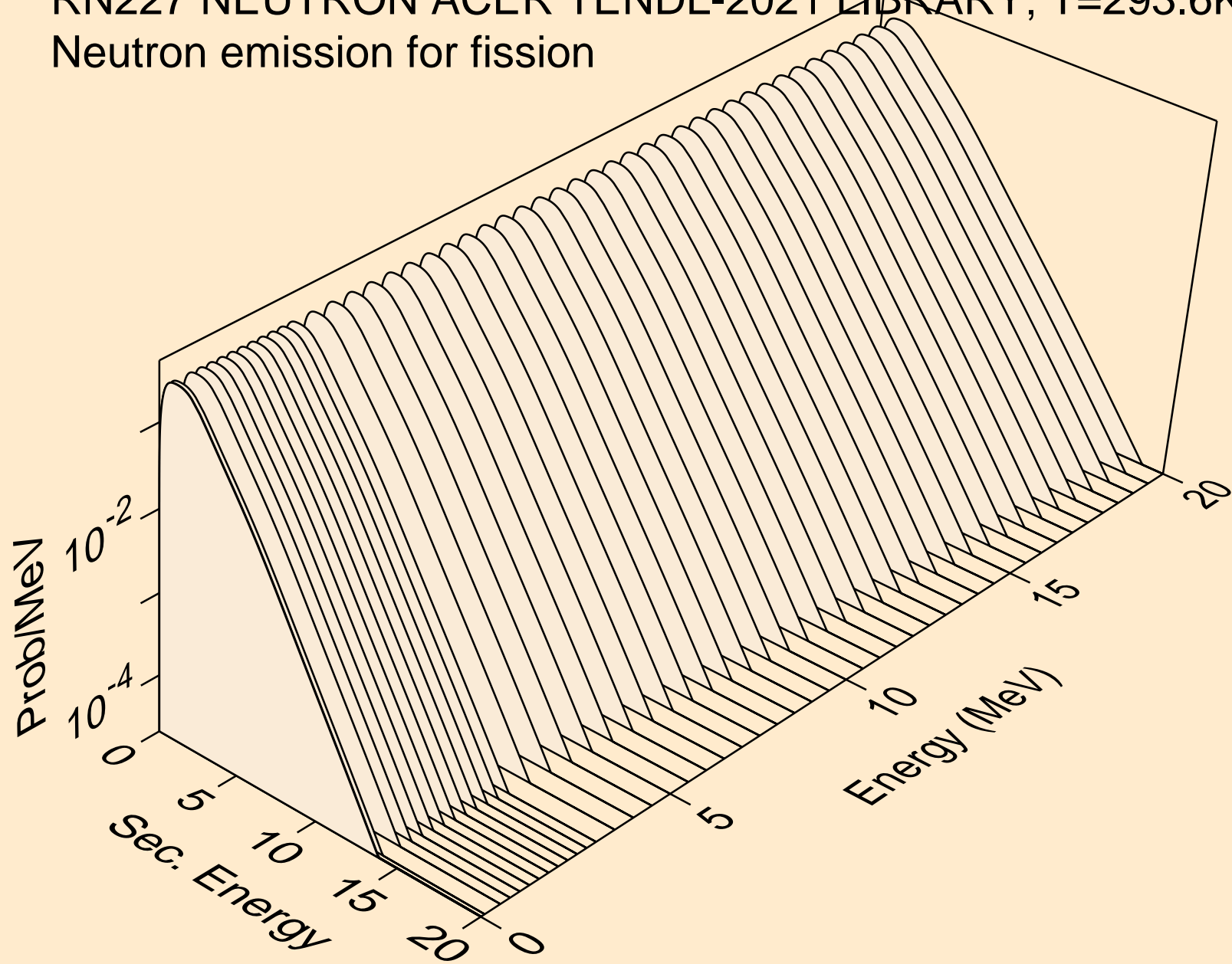
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



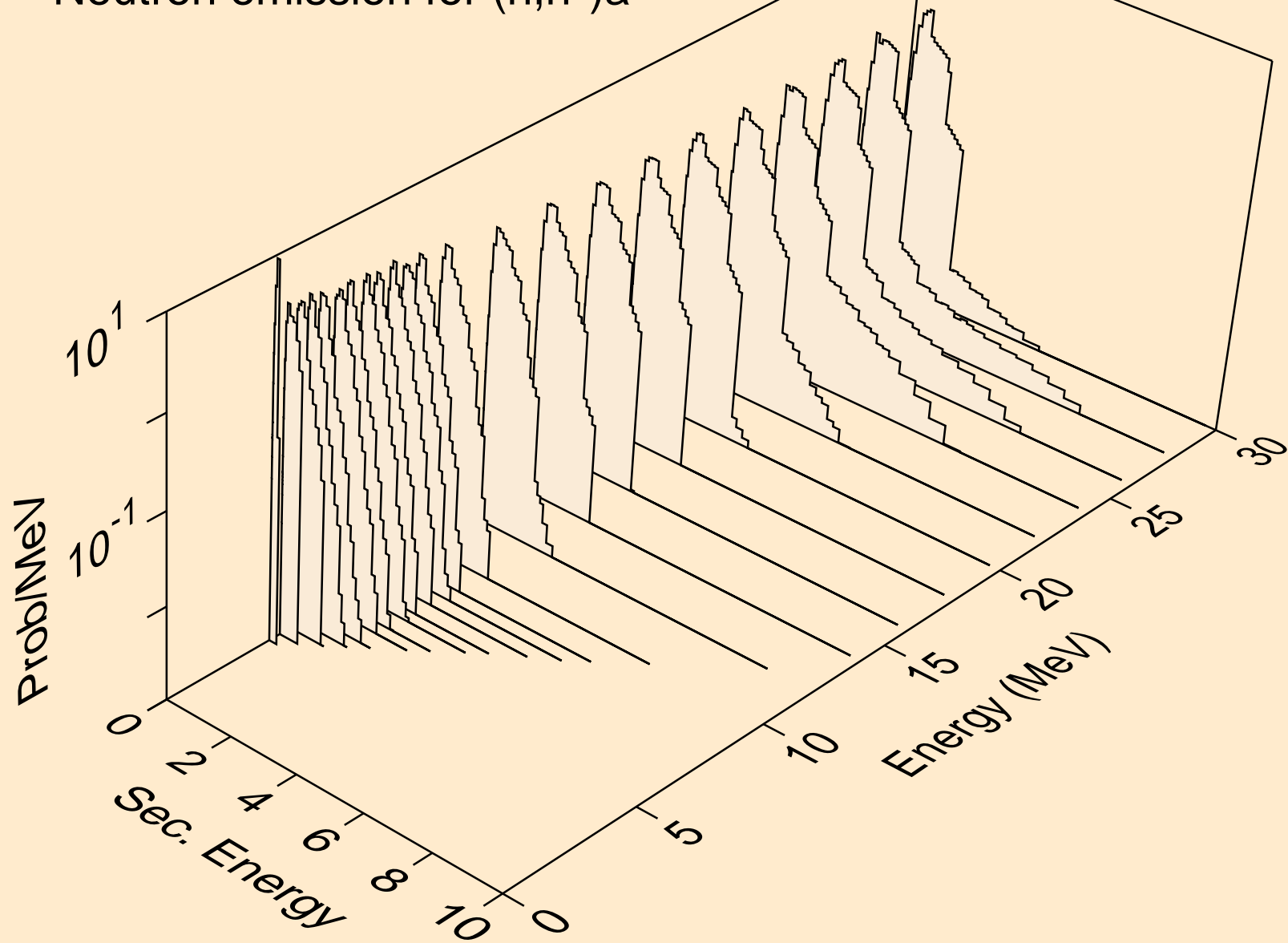
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



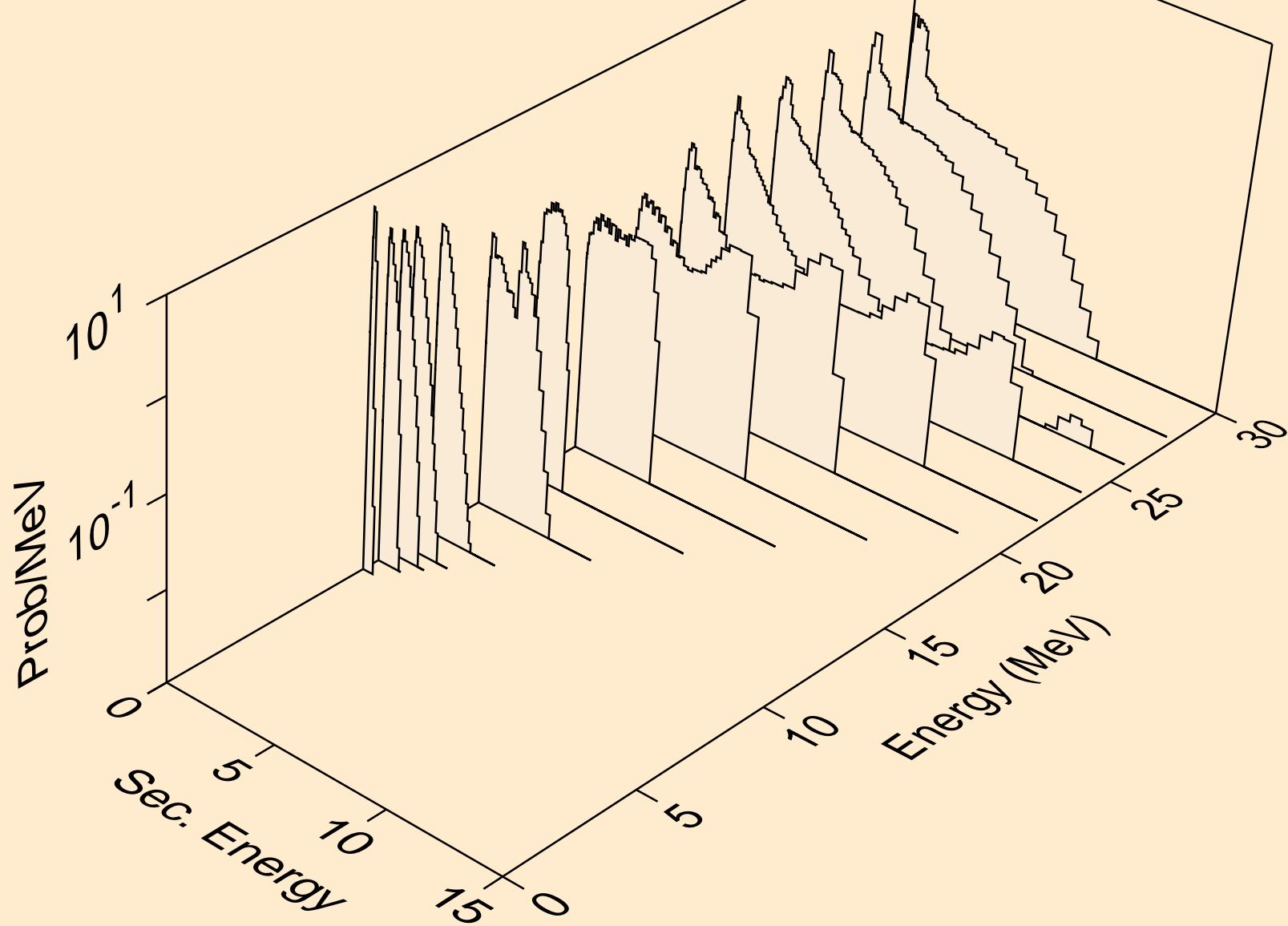
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Neutron emission for fission



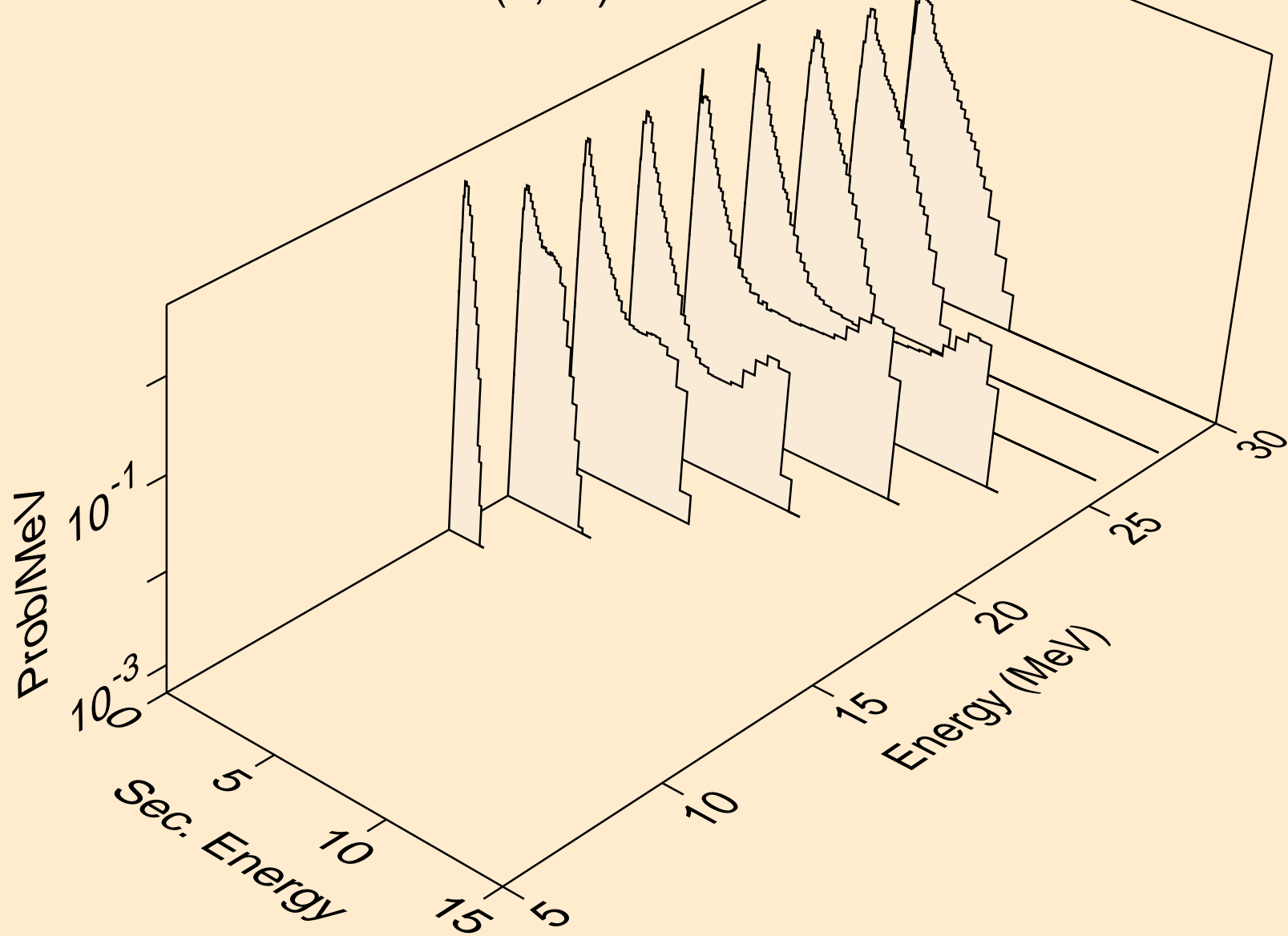
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



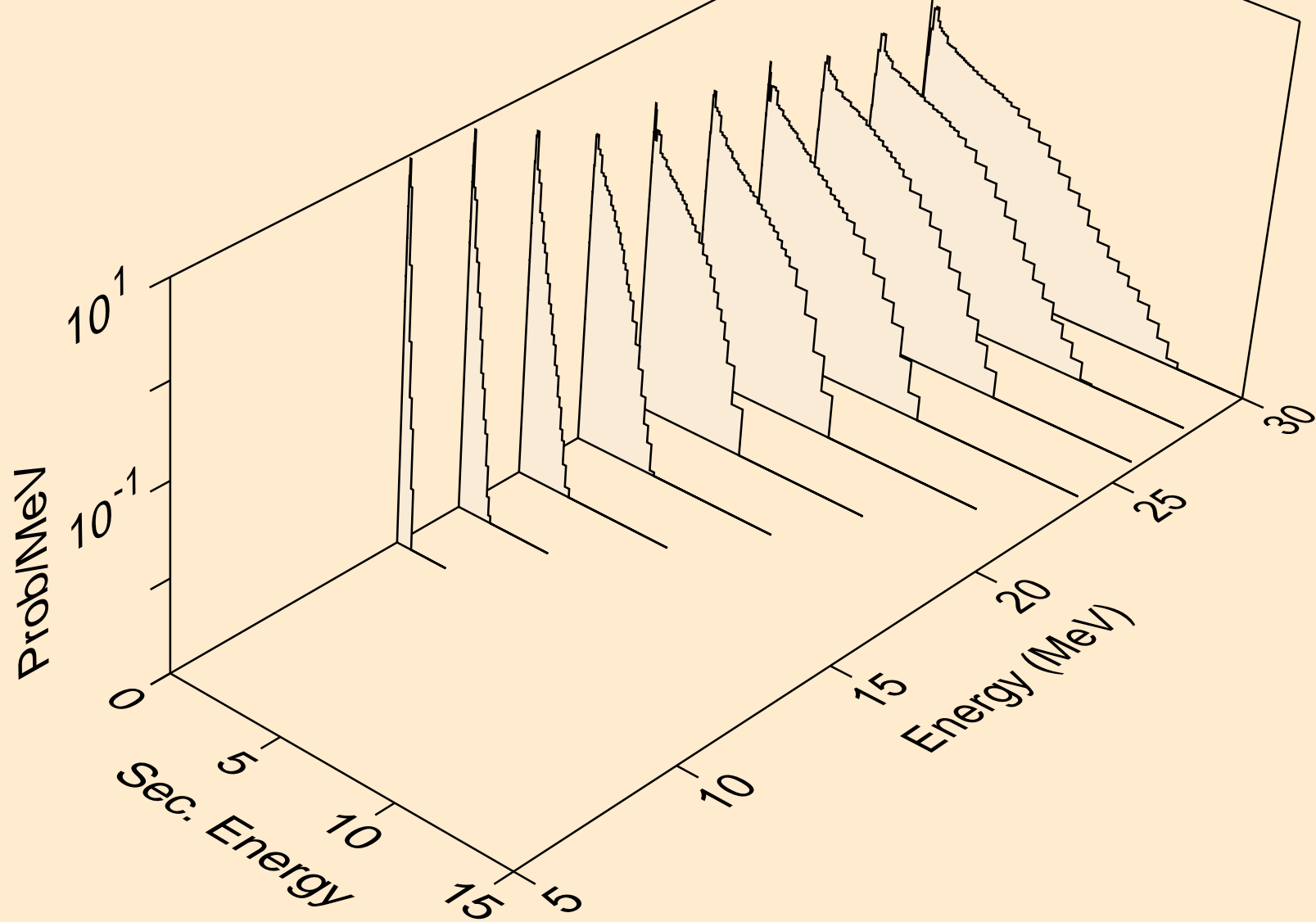
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



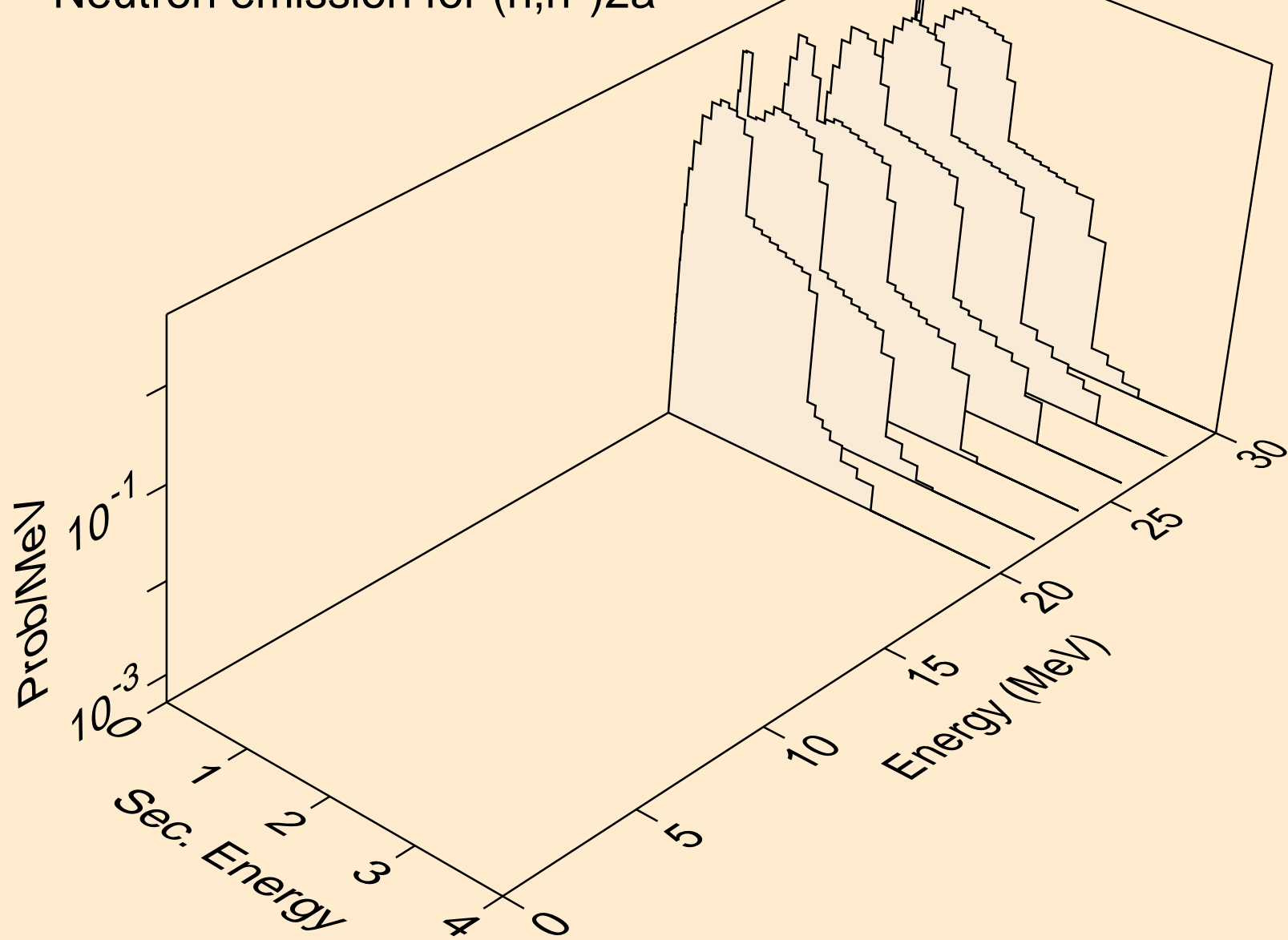
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

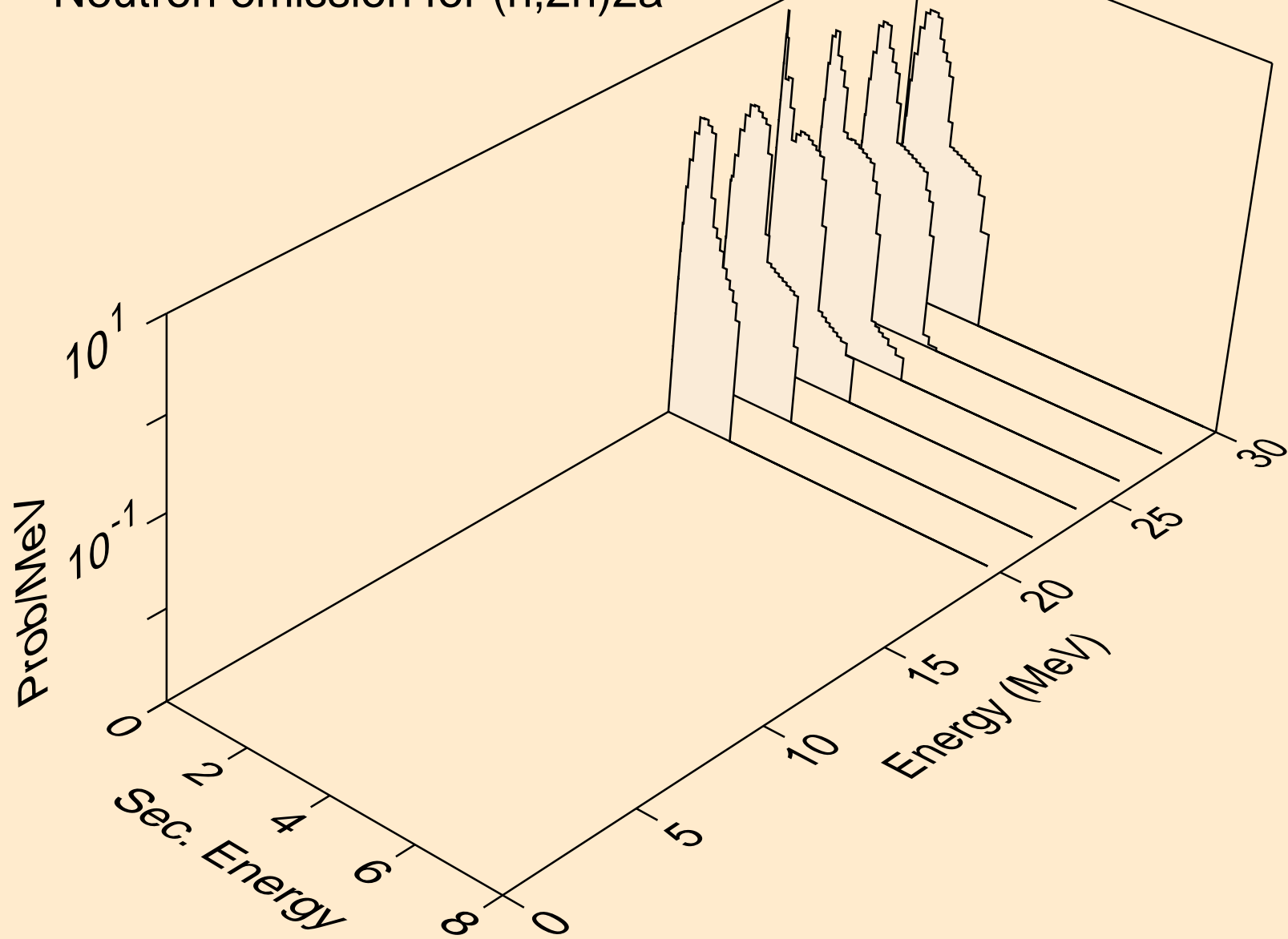


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

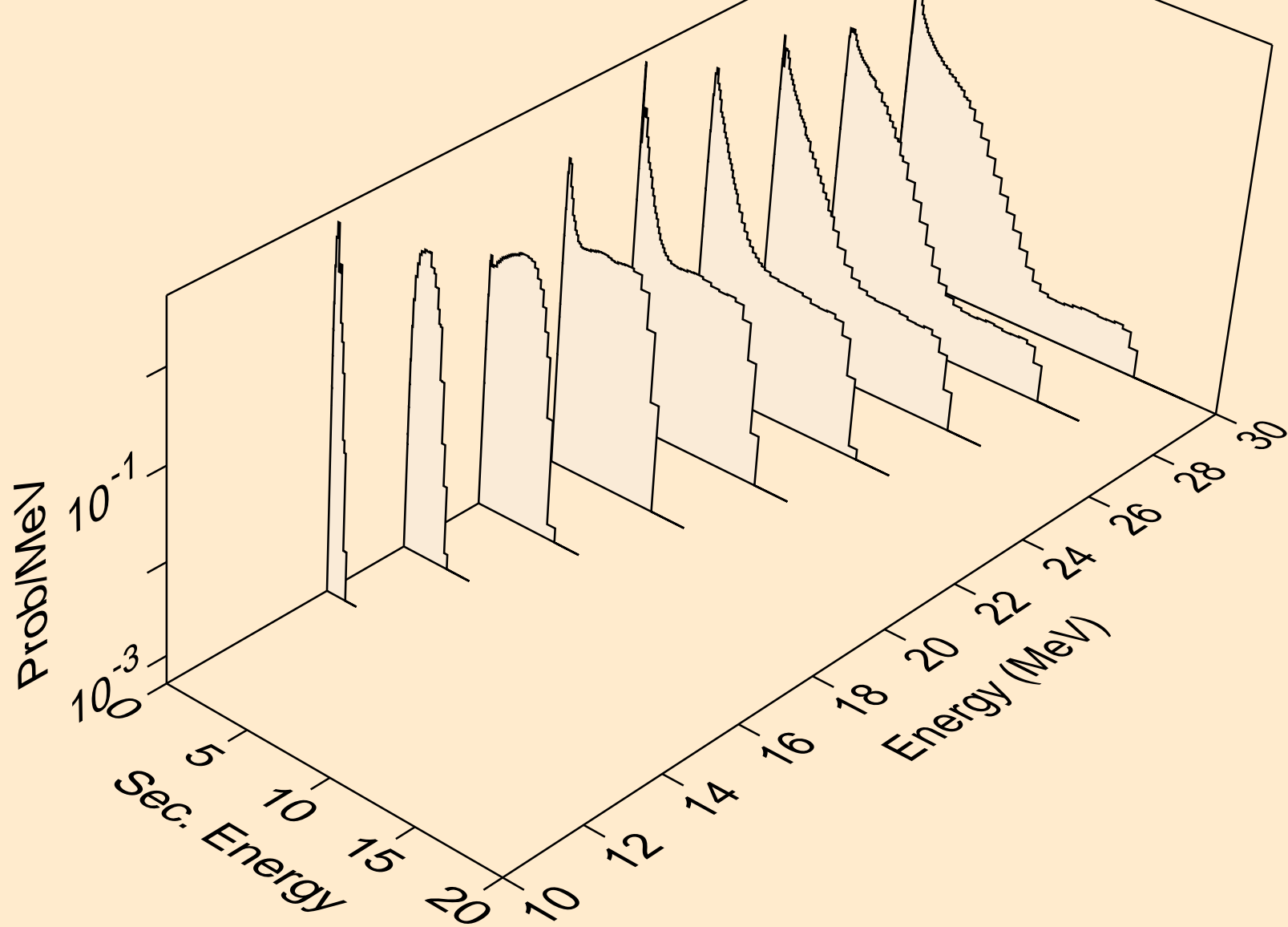




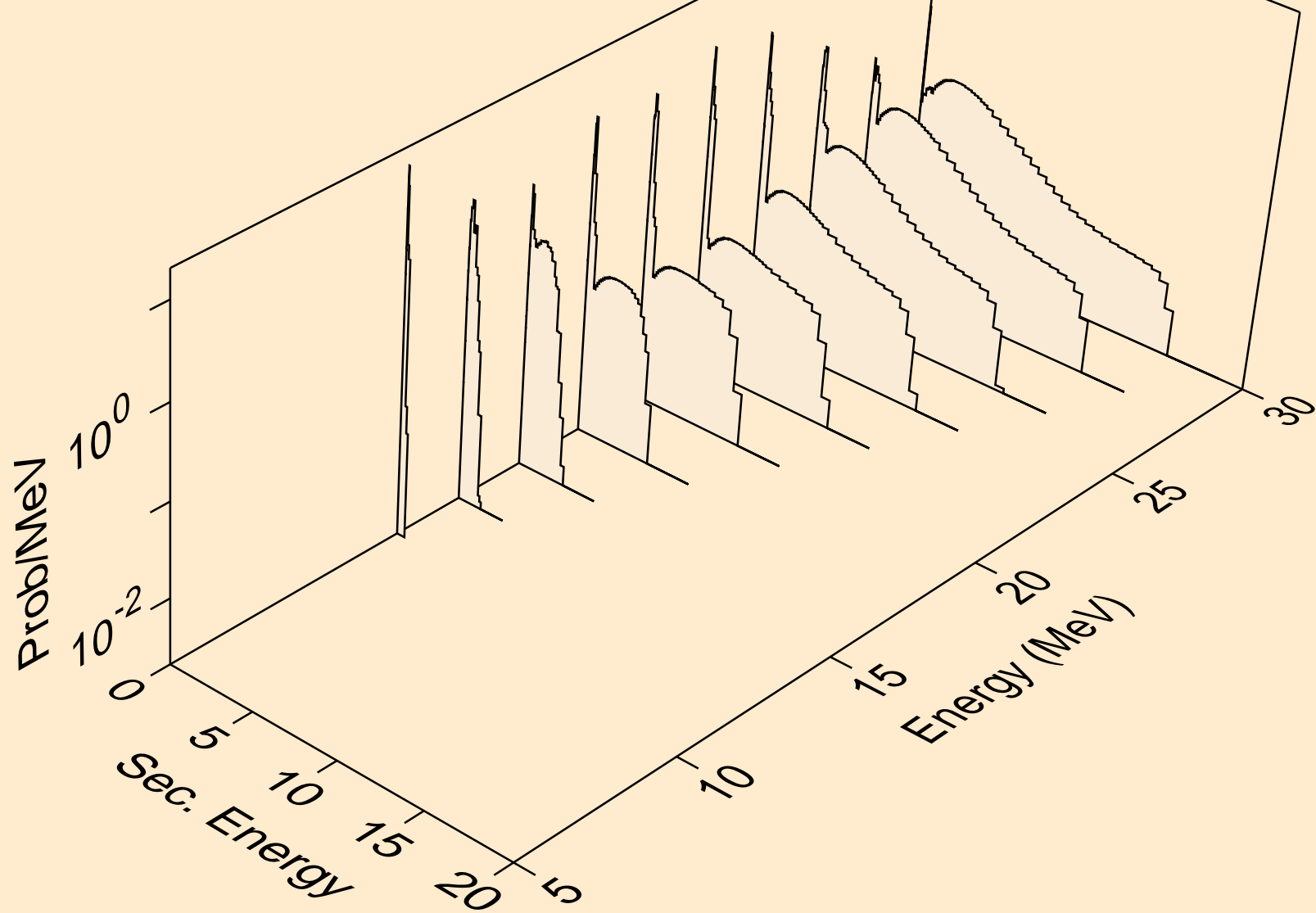
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



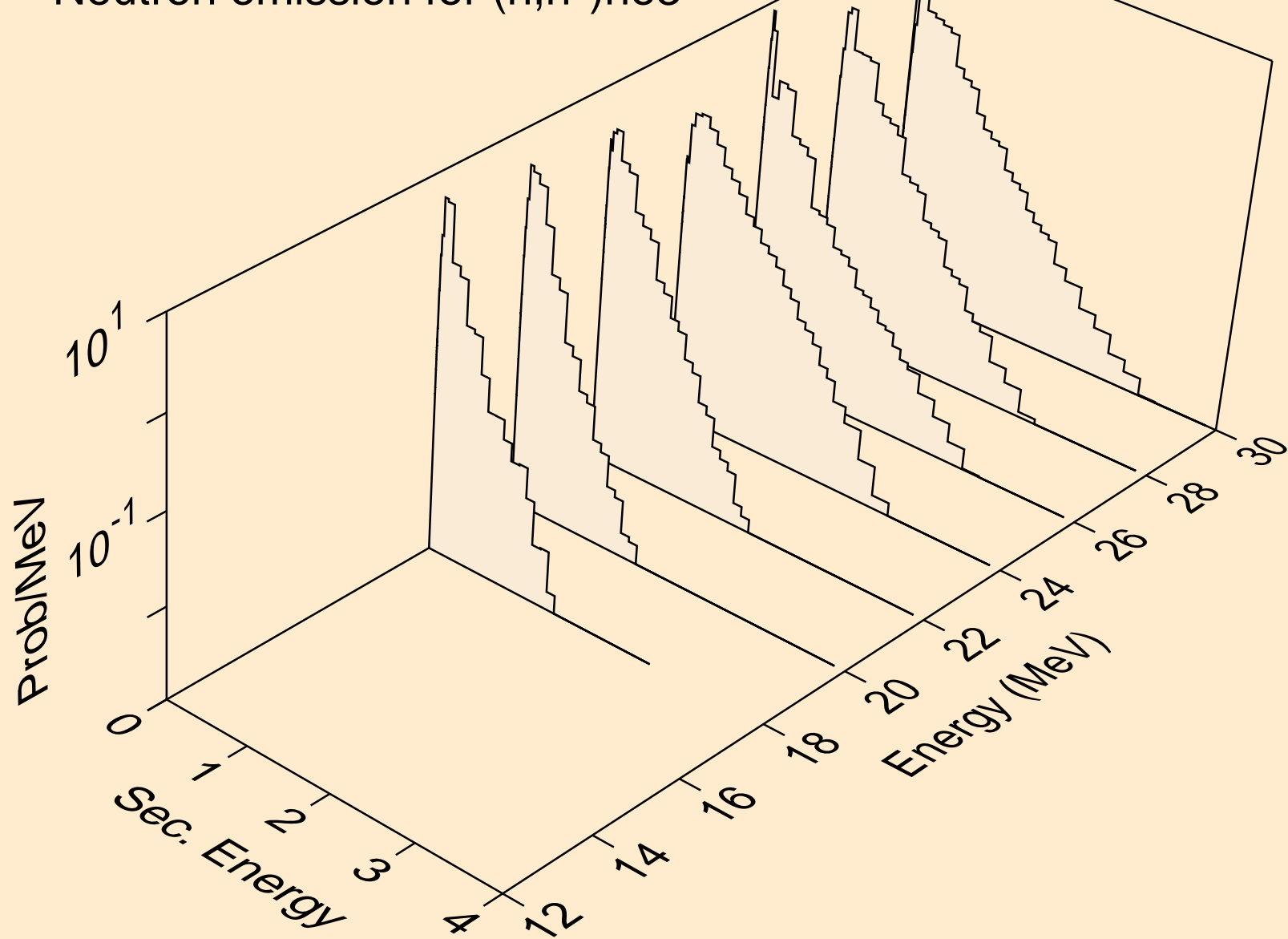
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



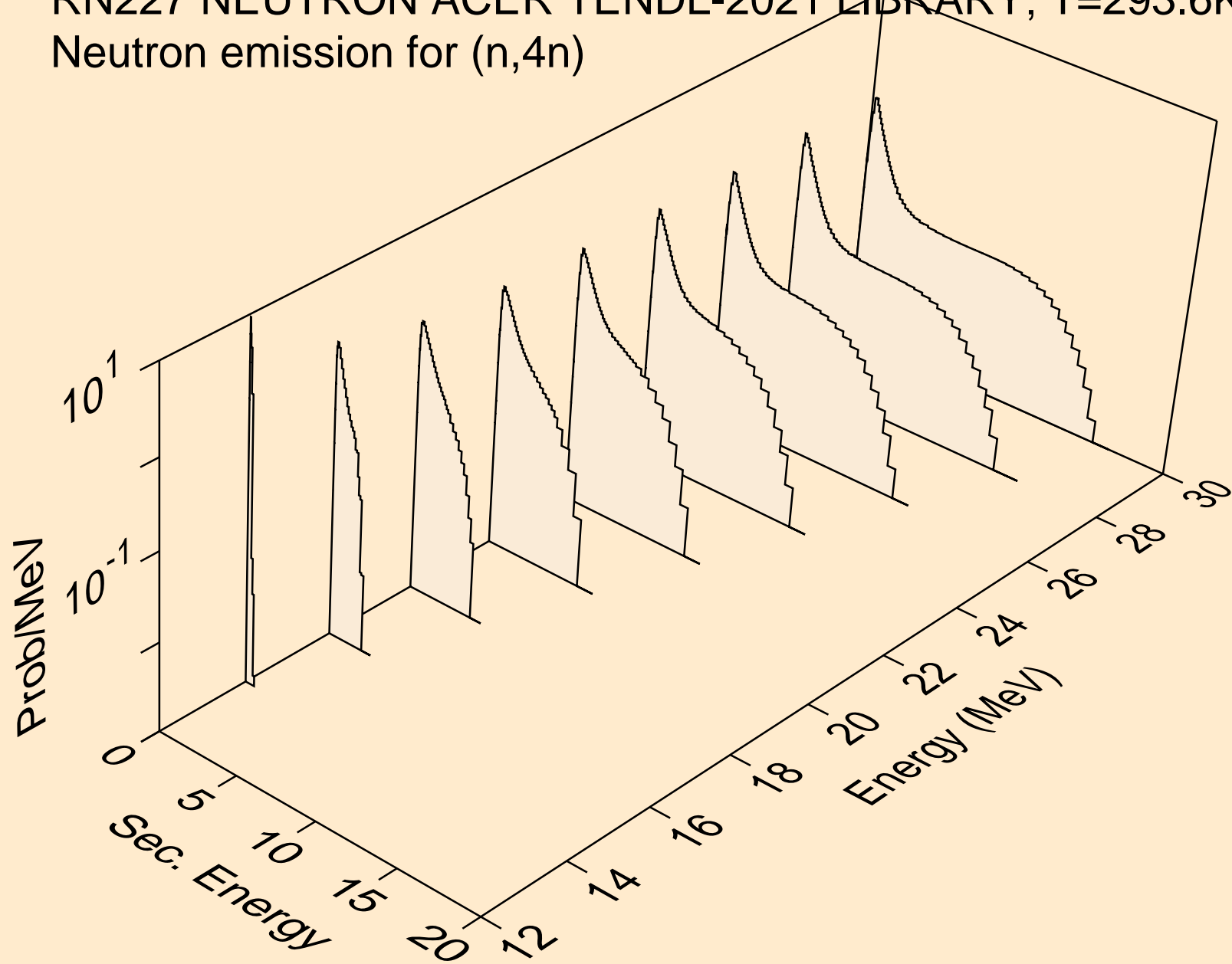
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



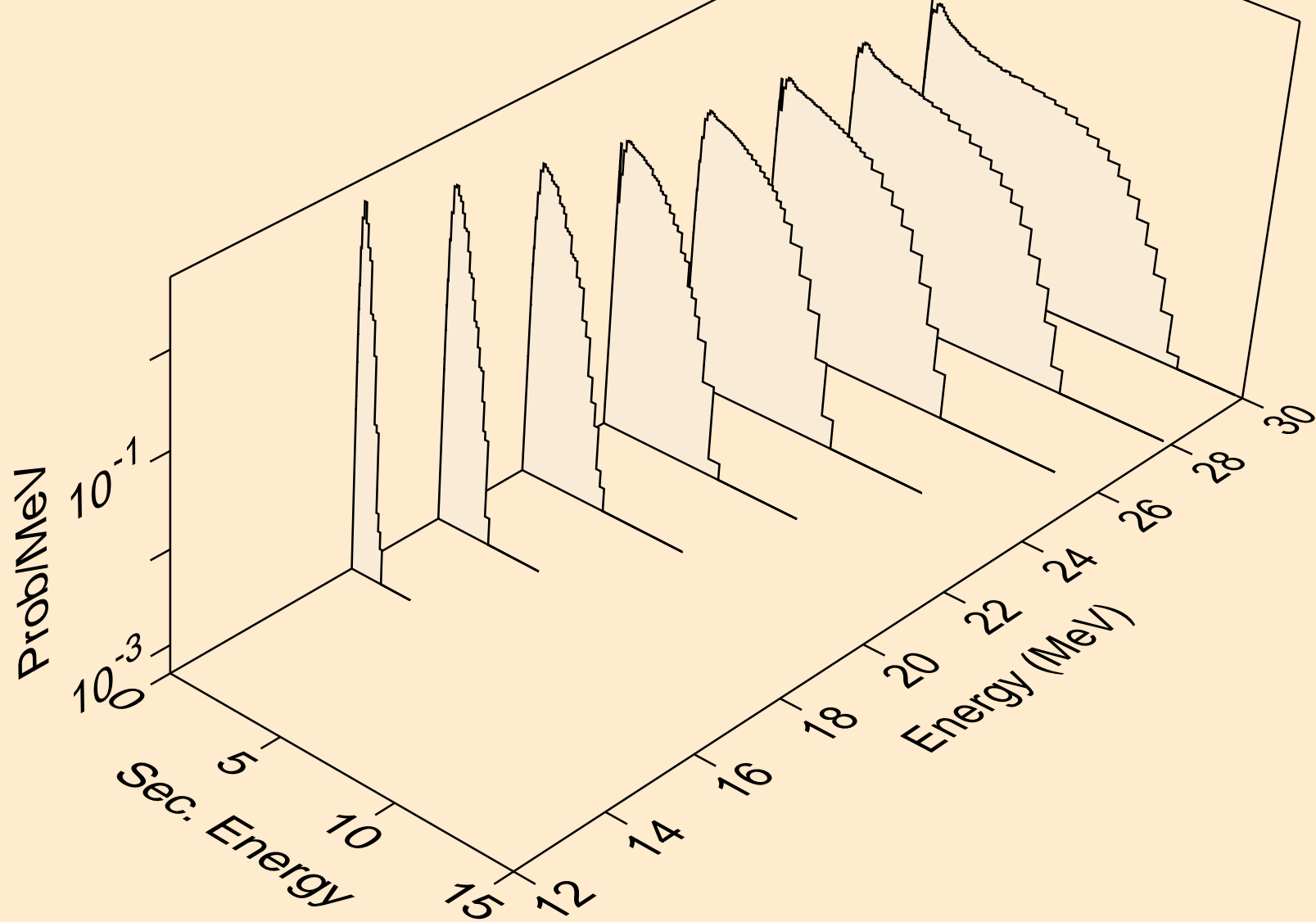
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



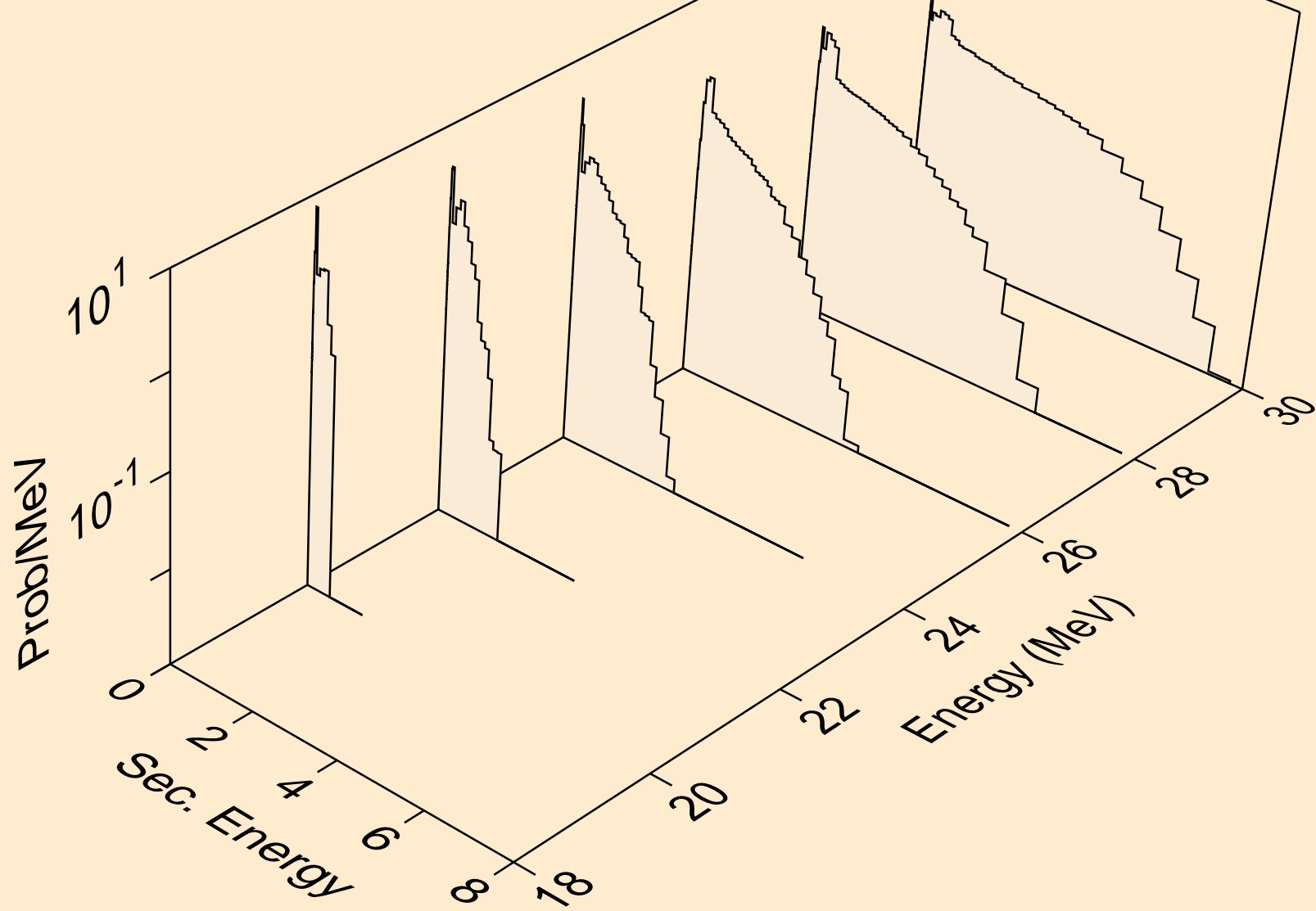
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



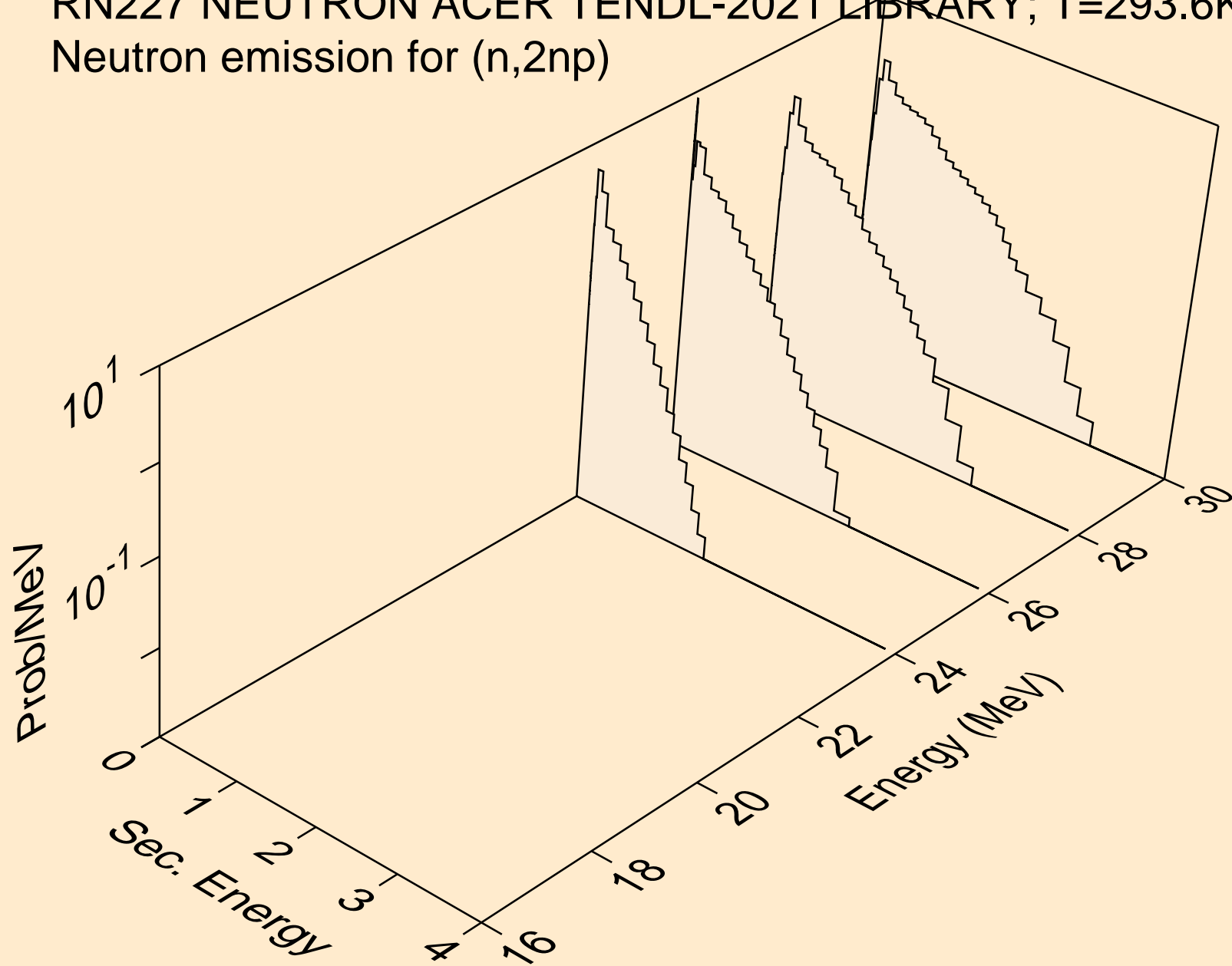
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

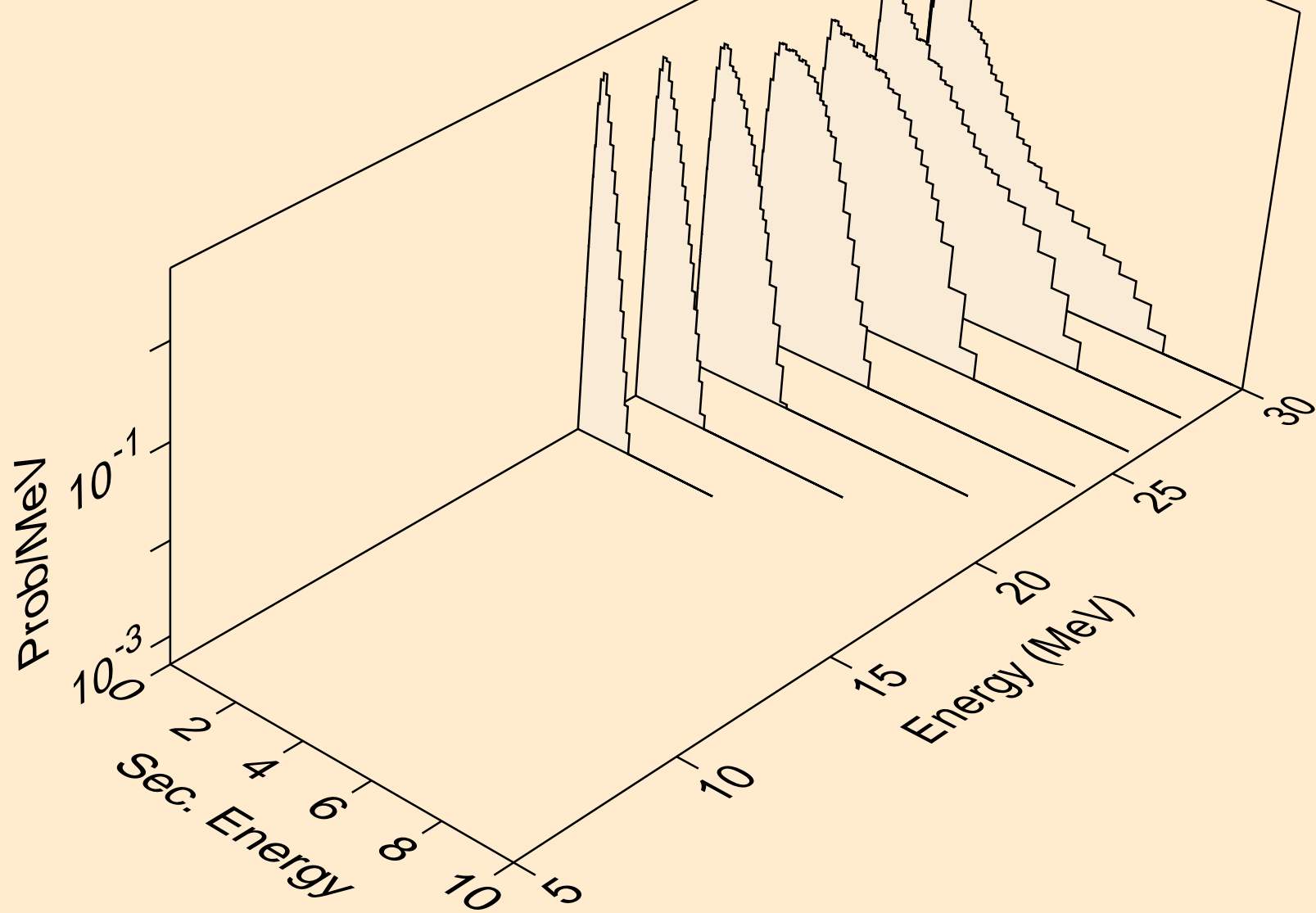


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

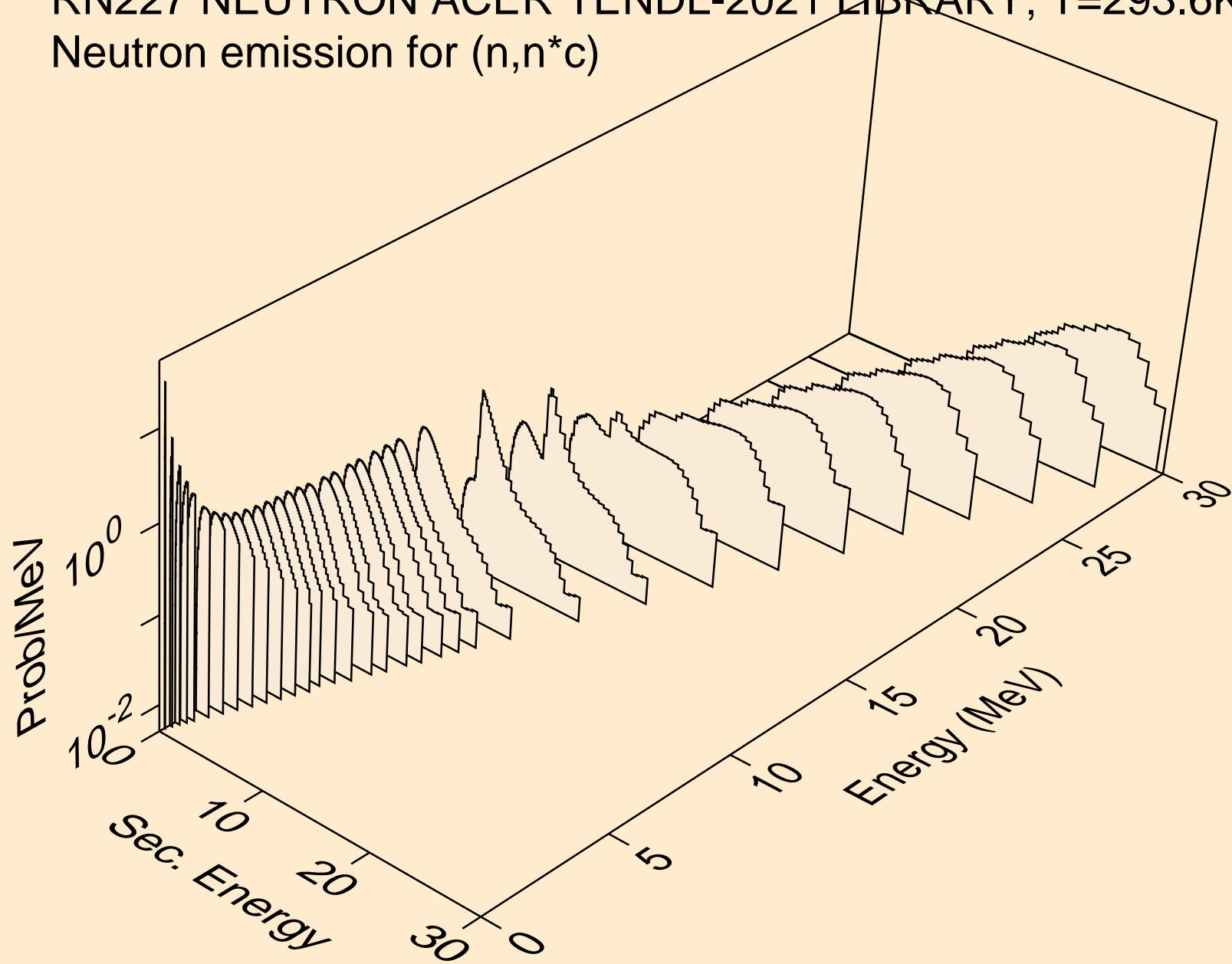




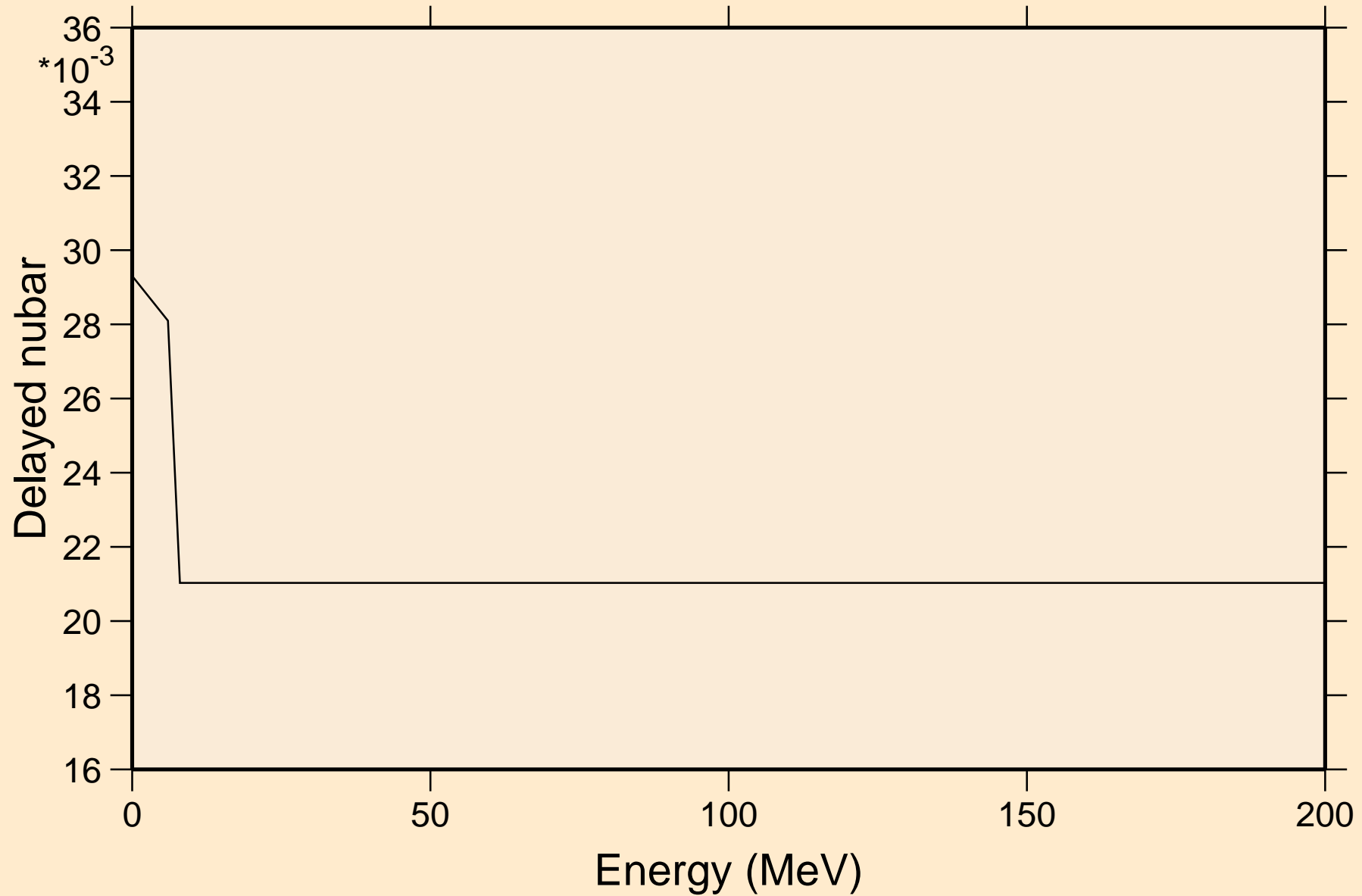
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

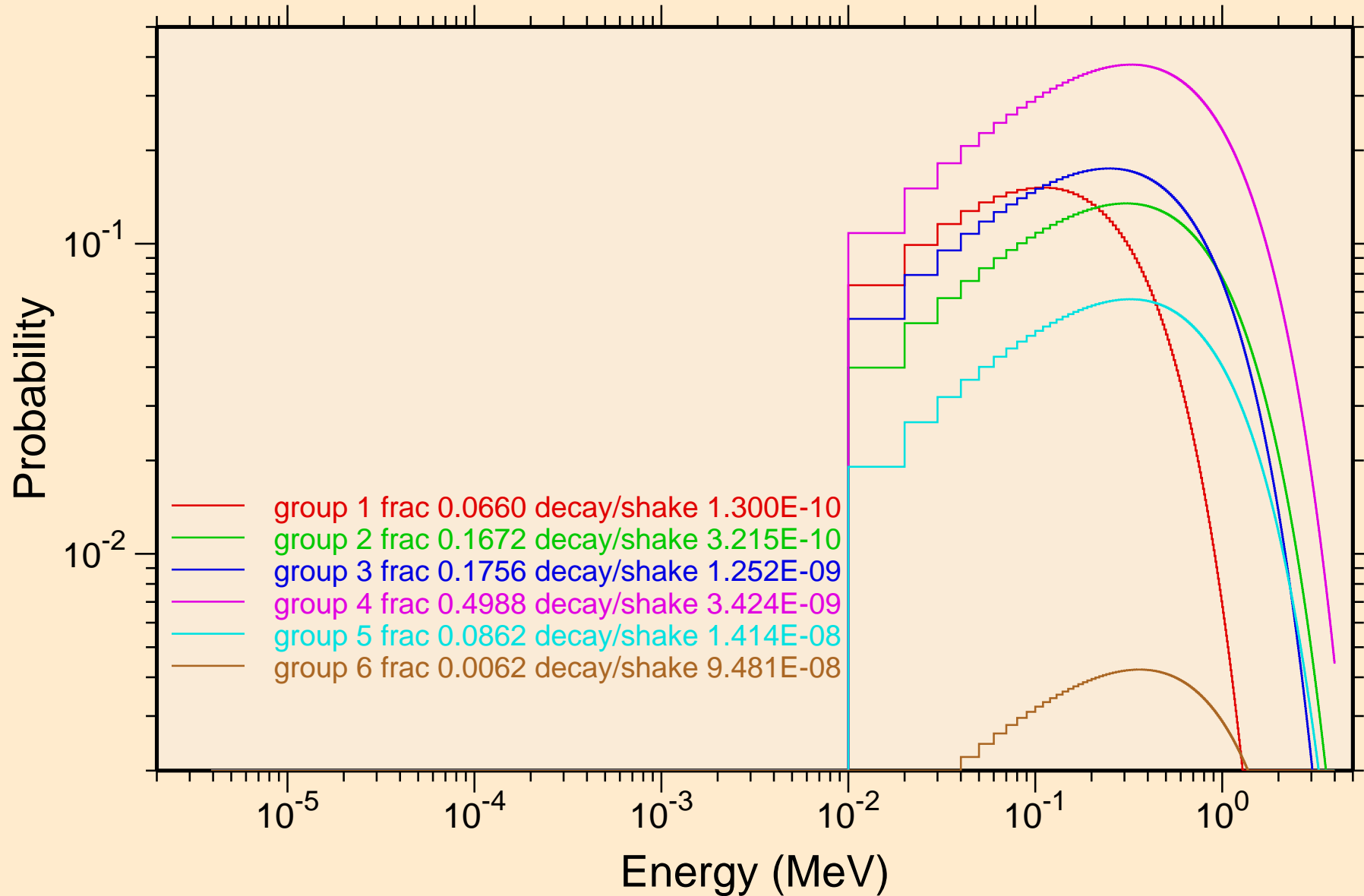


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Delayed nubar

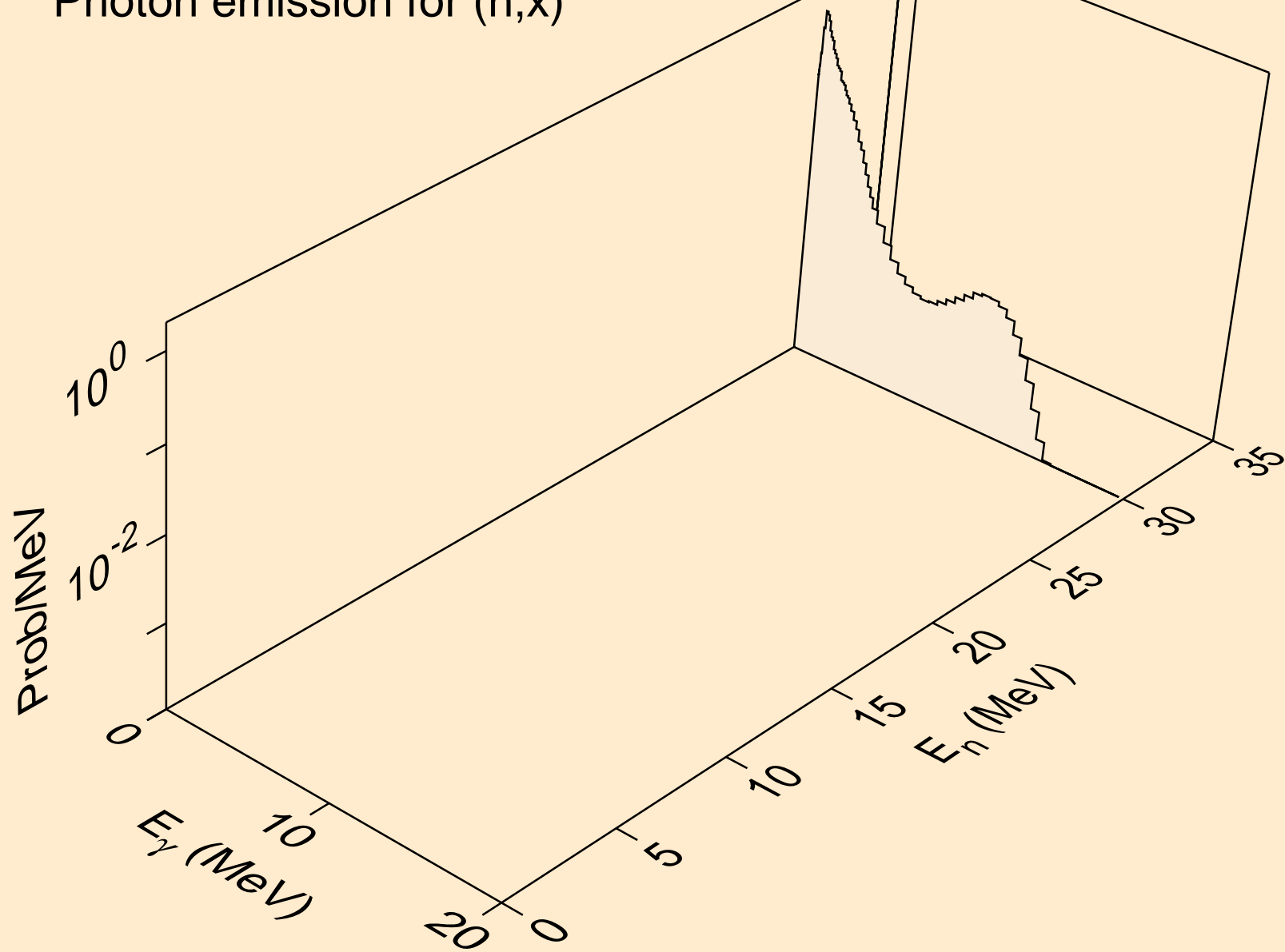


# RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

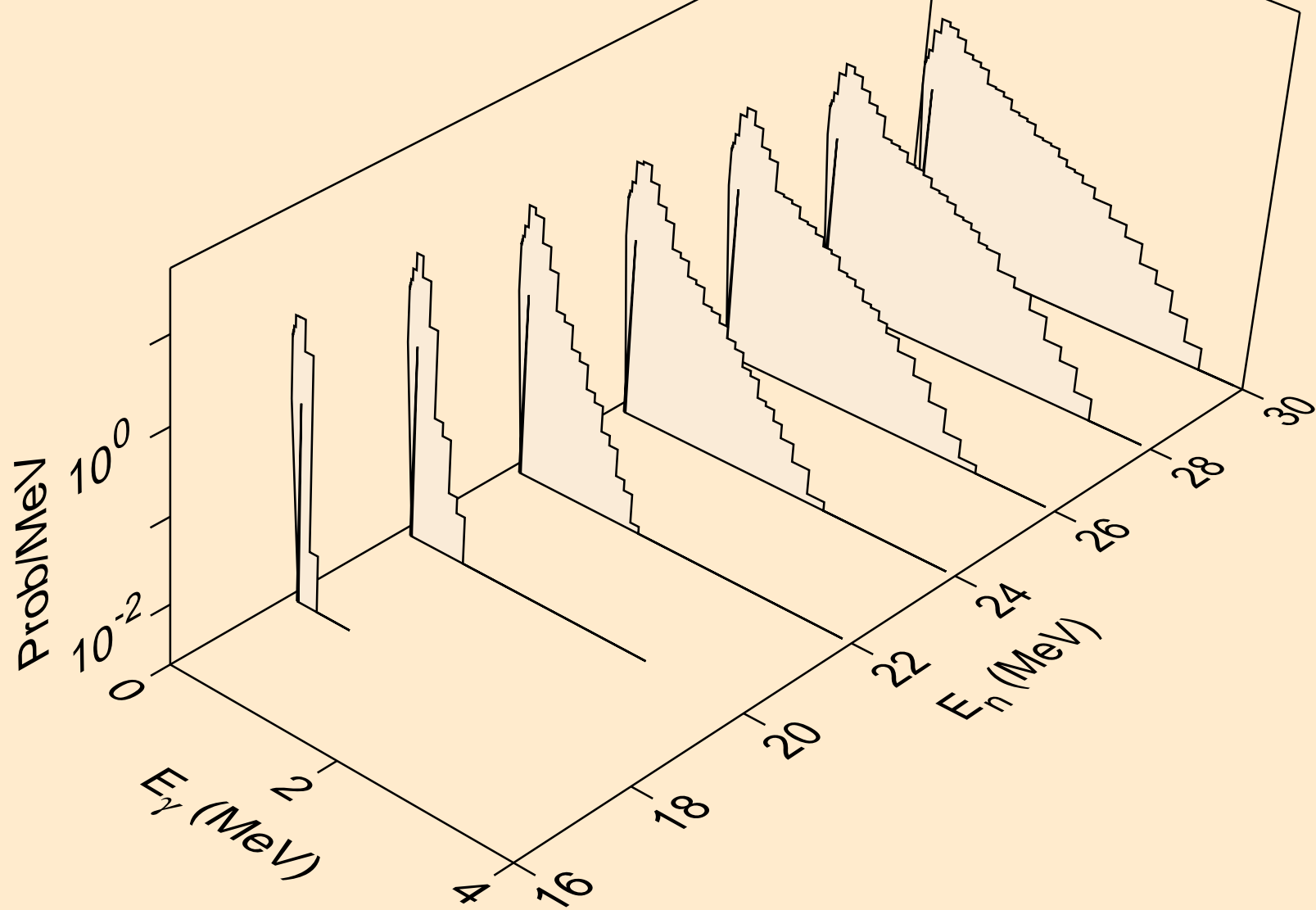
## Delayed neutron spectra



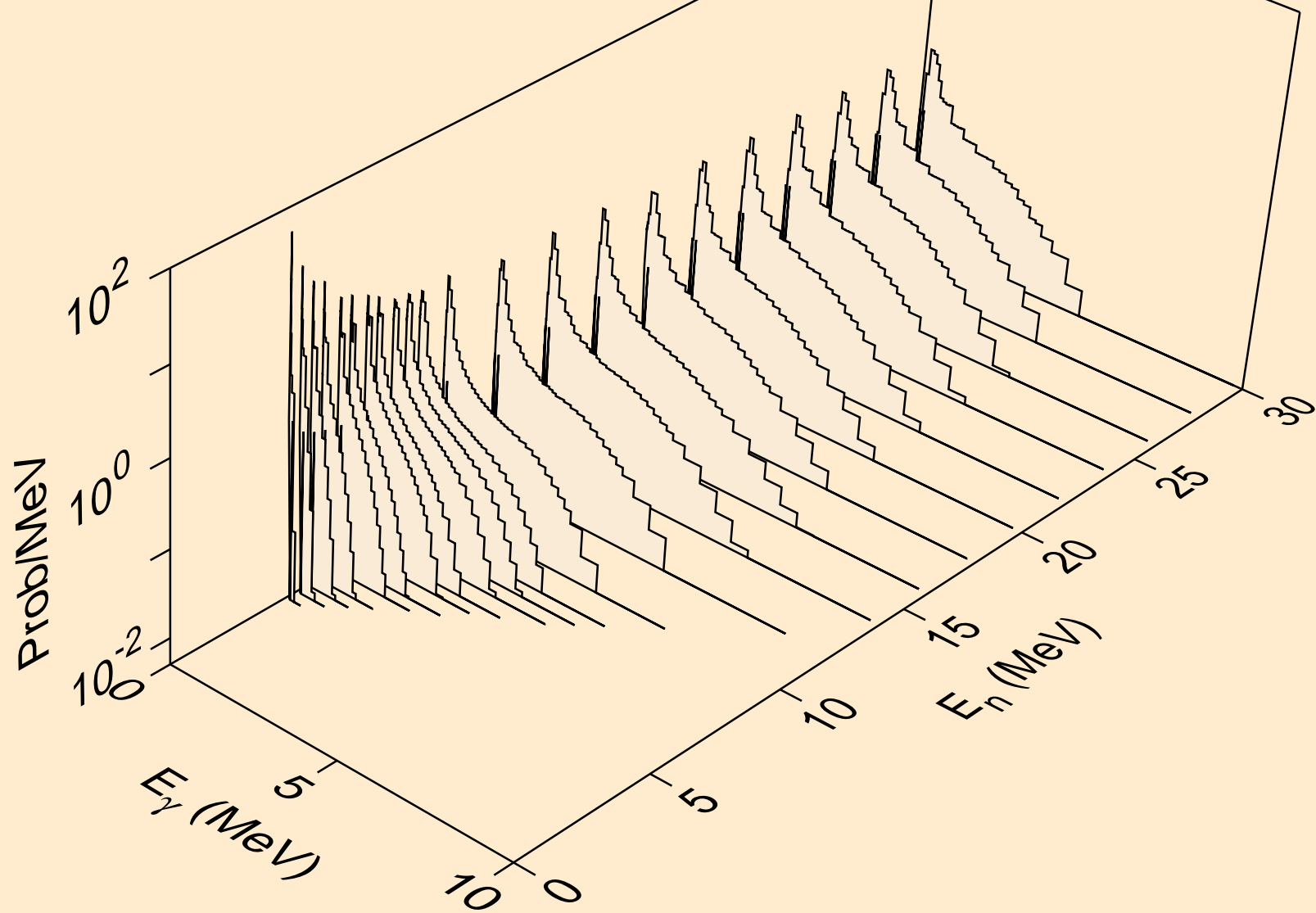
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



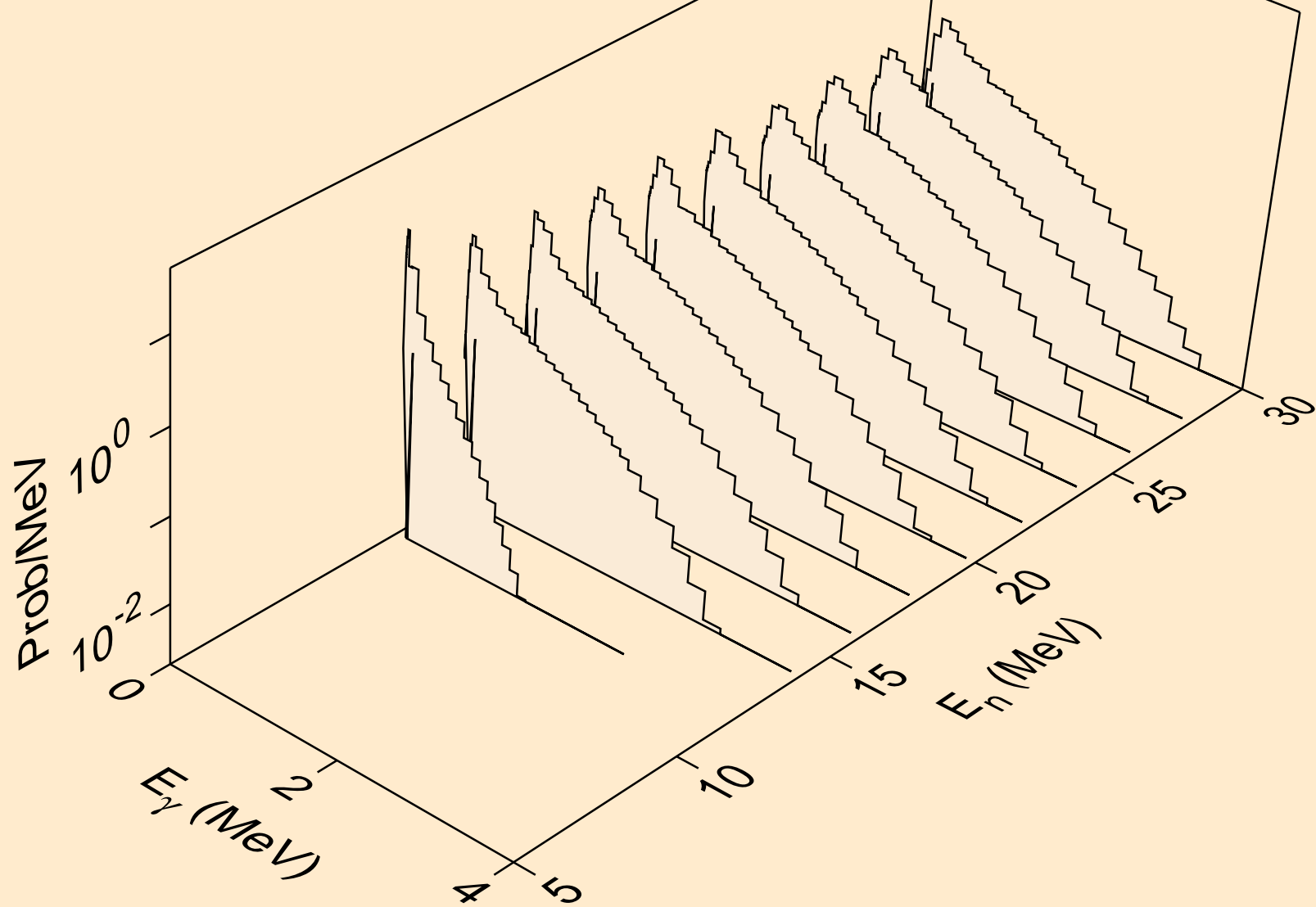
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

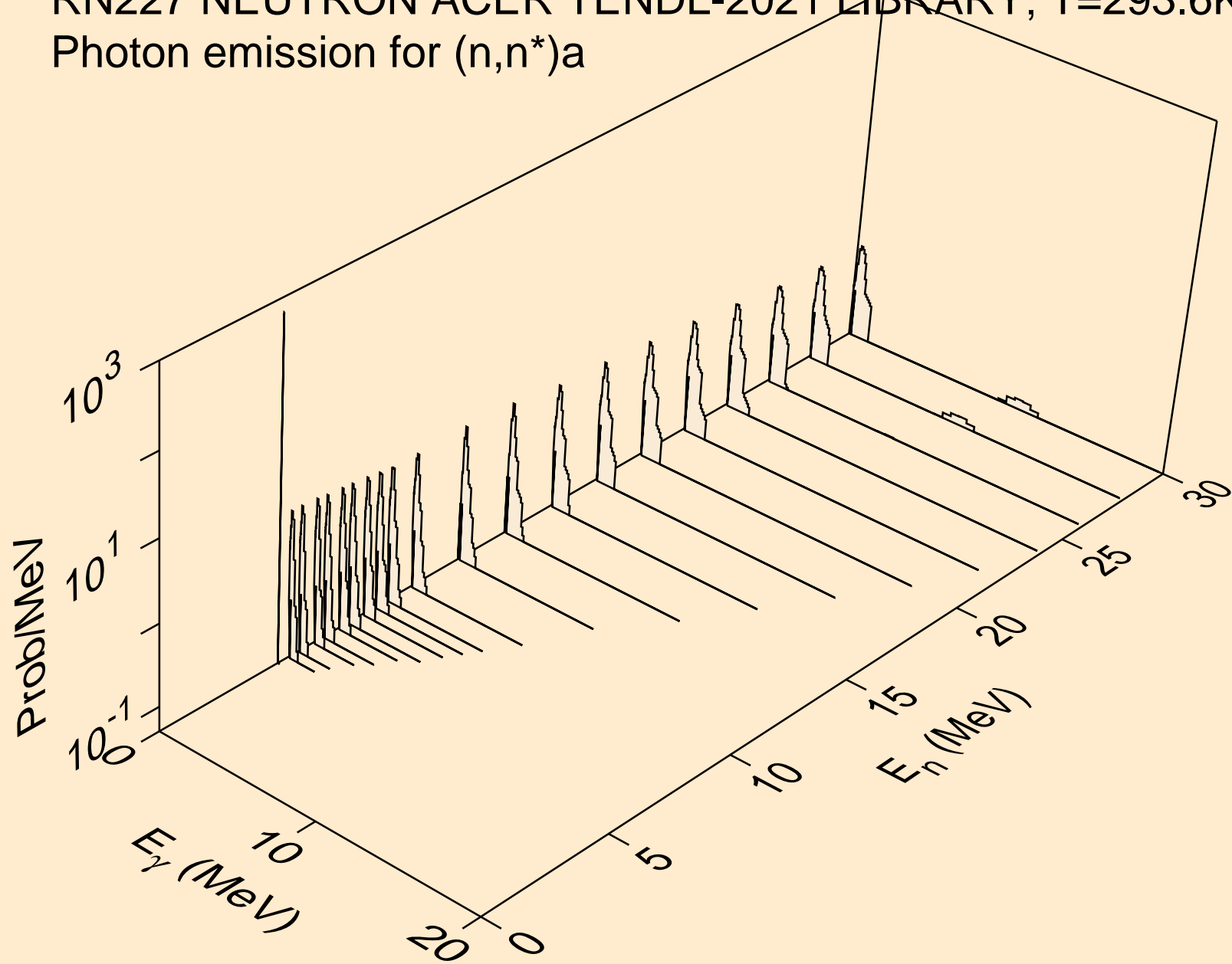


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

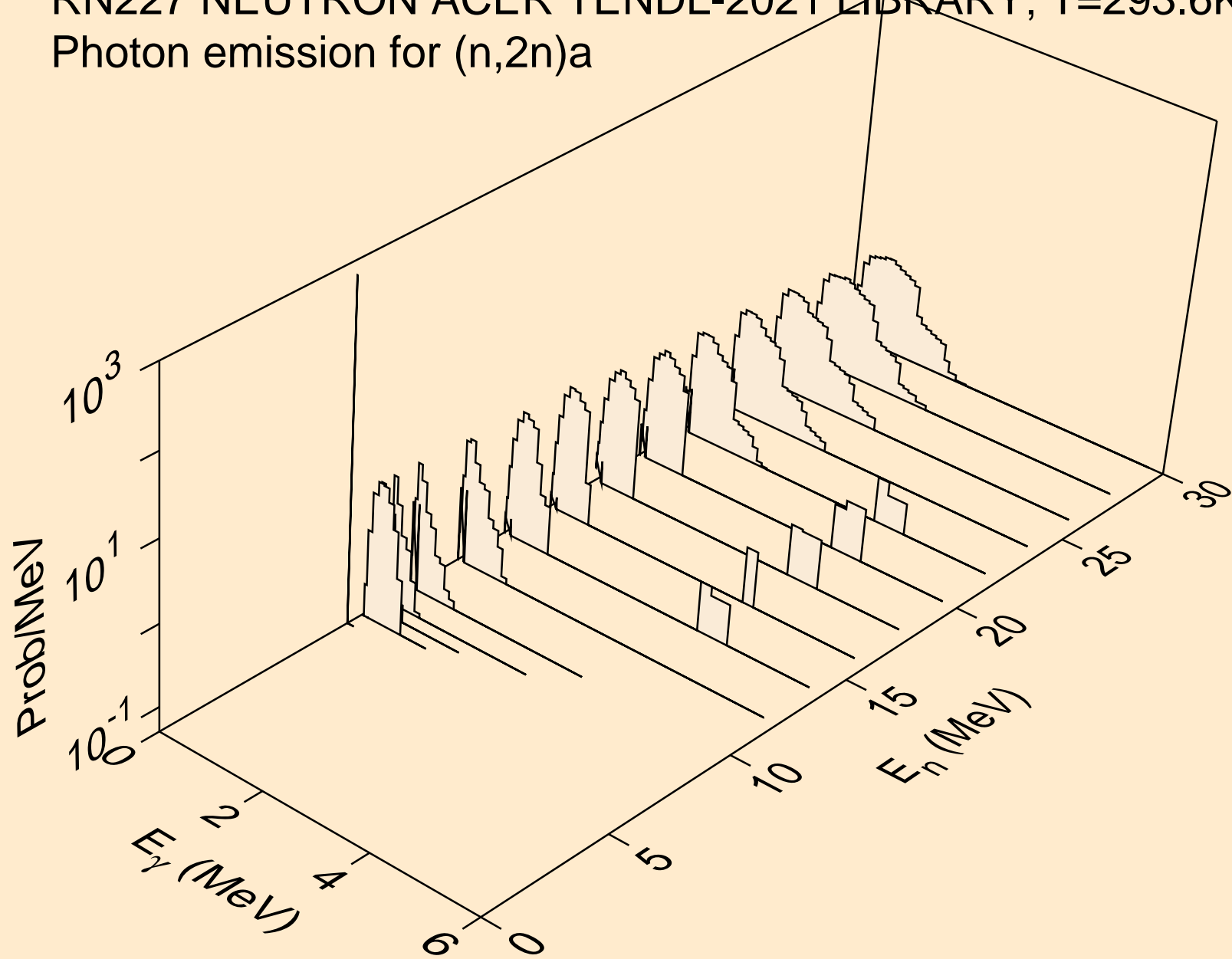




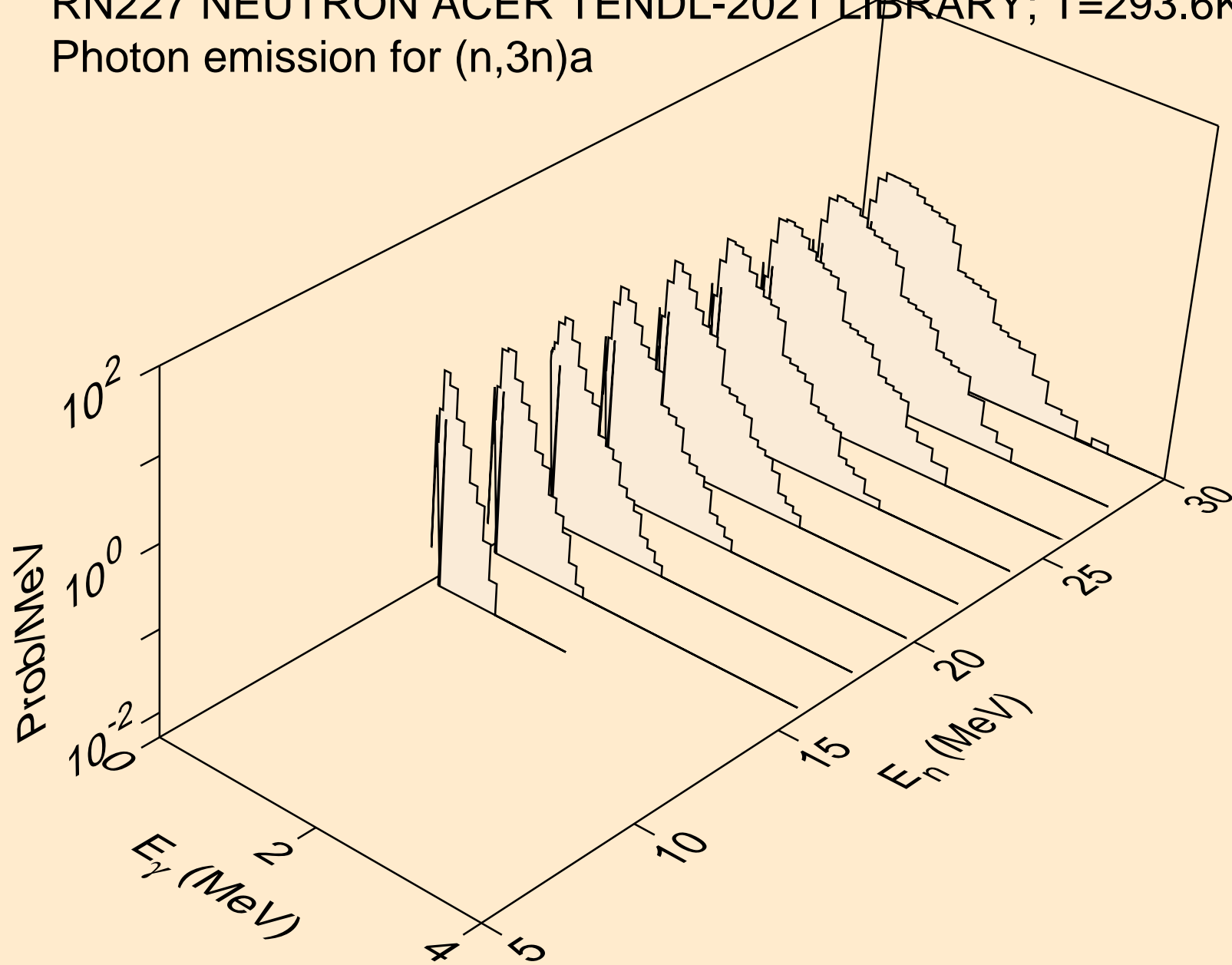
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



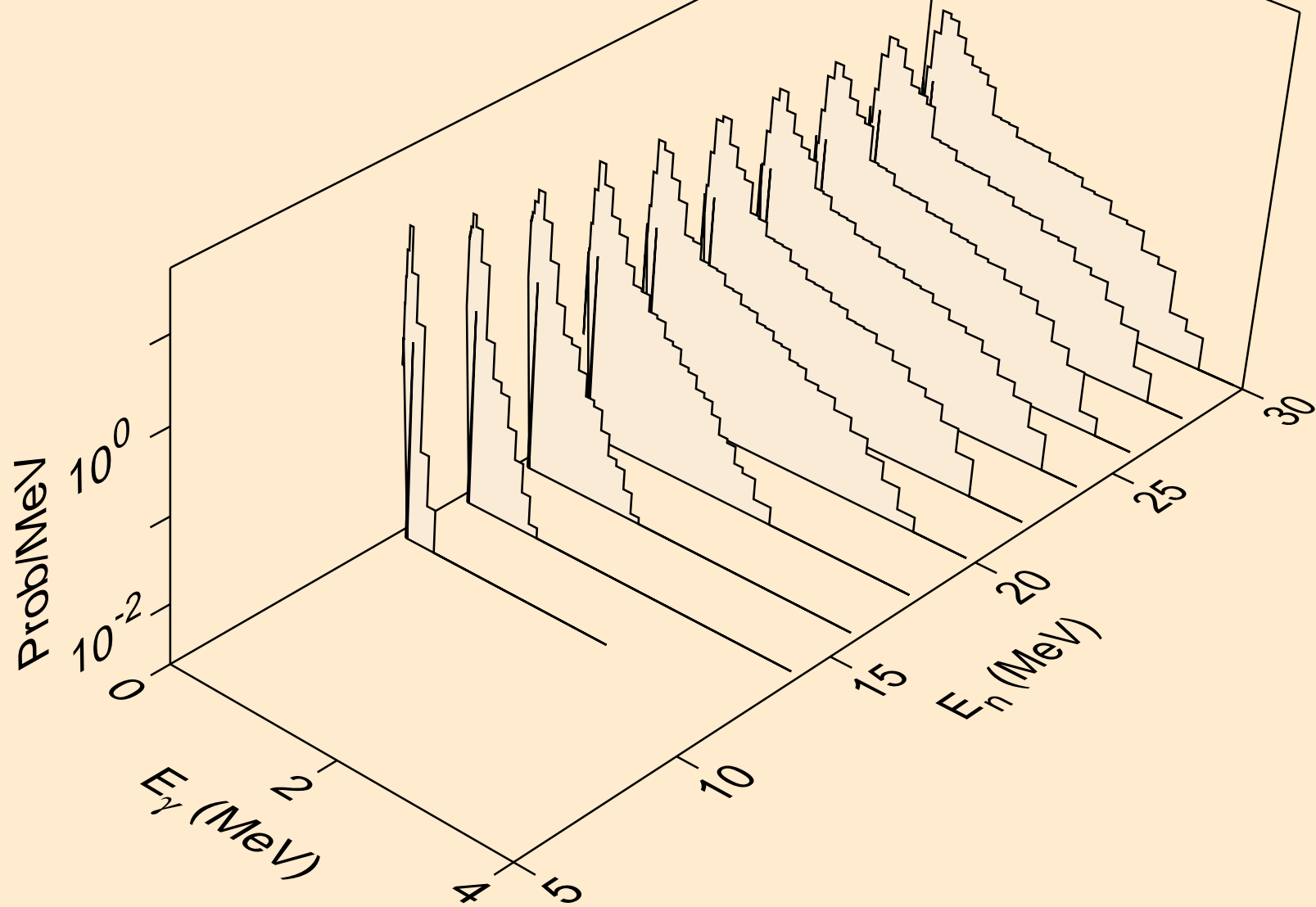
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



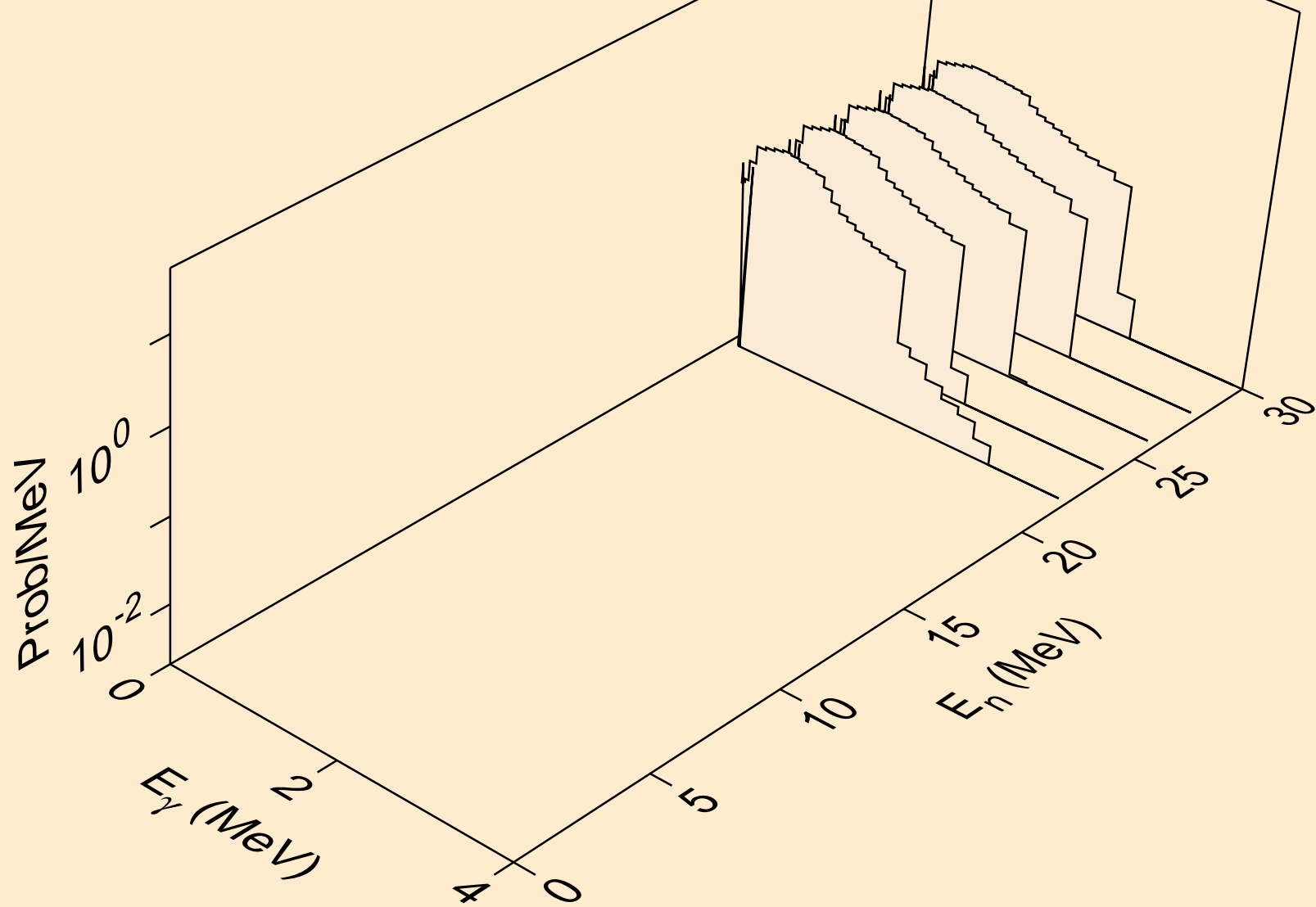
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



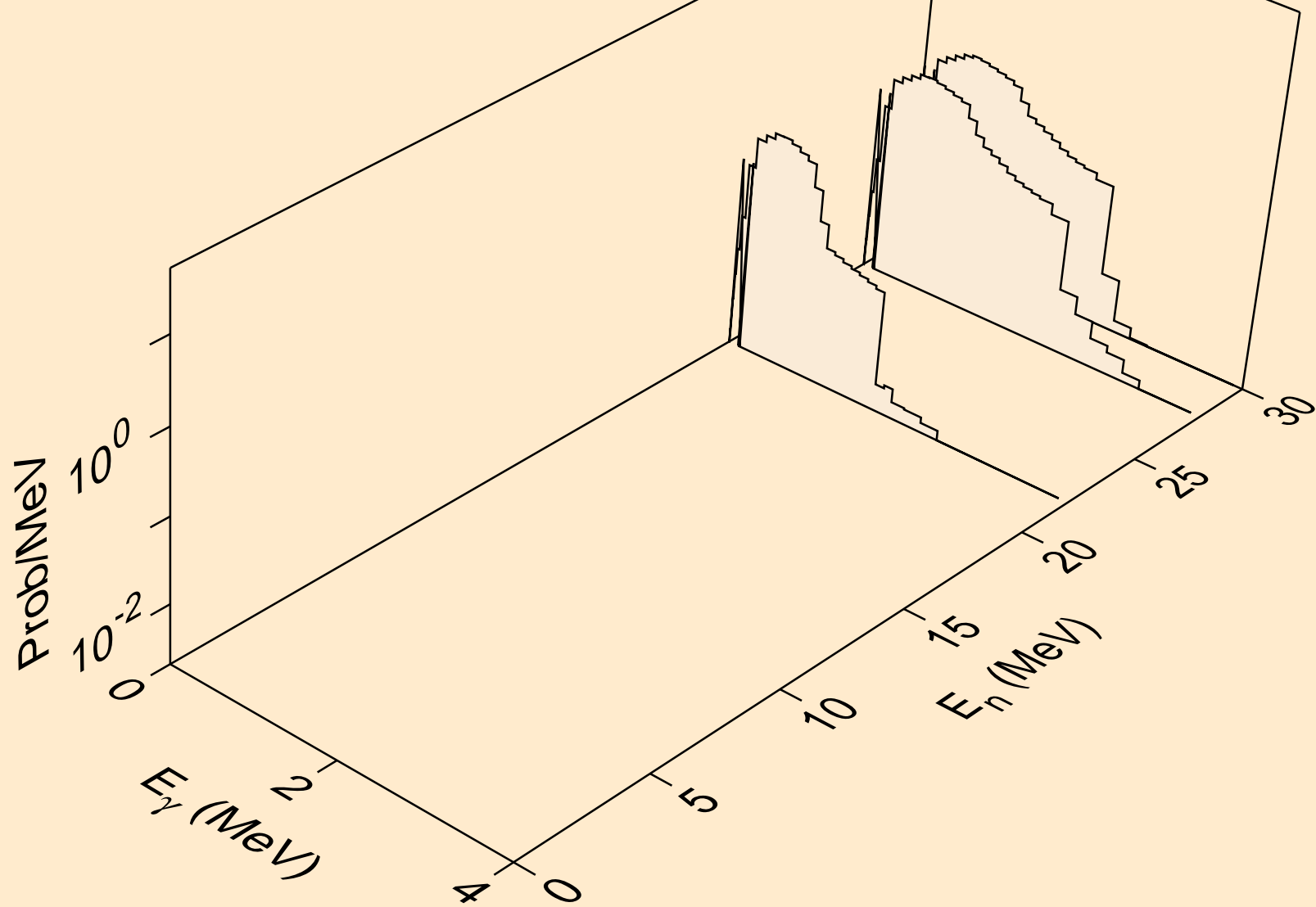
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



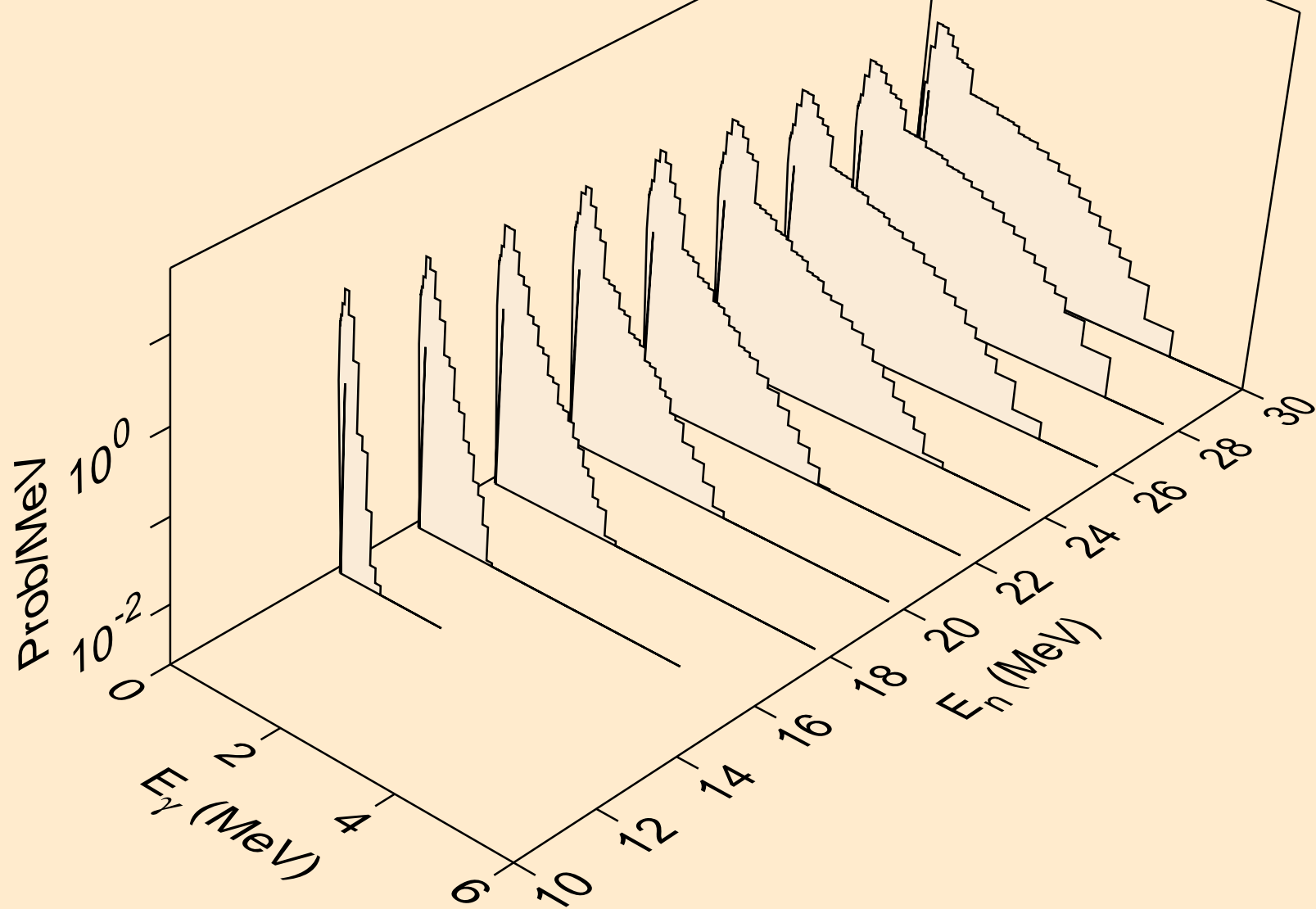
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



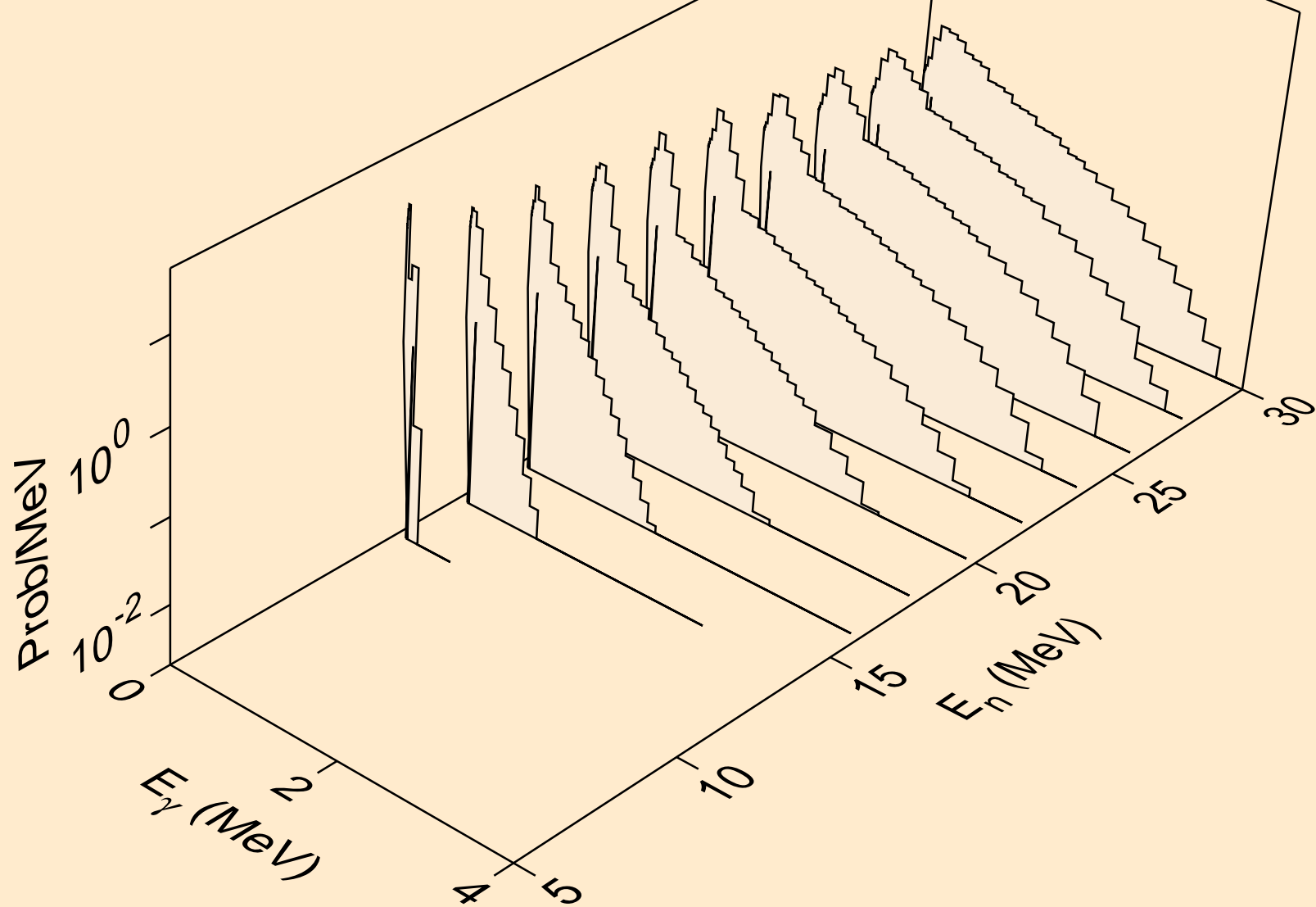
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

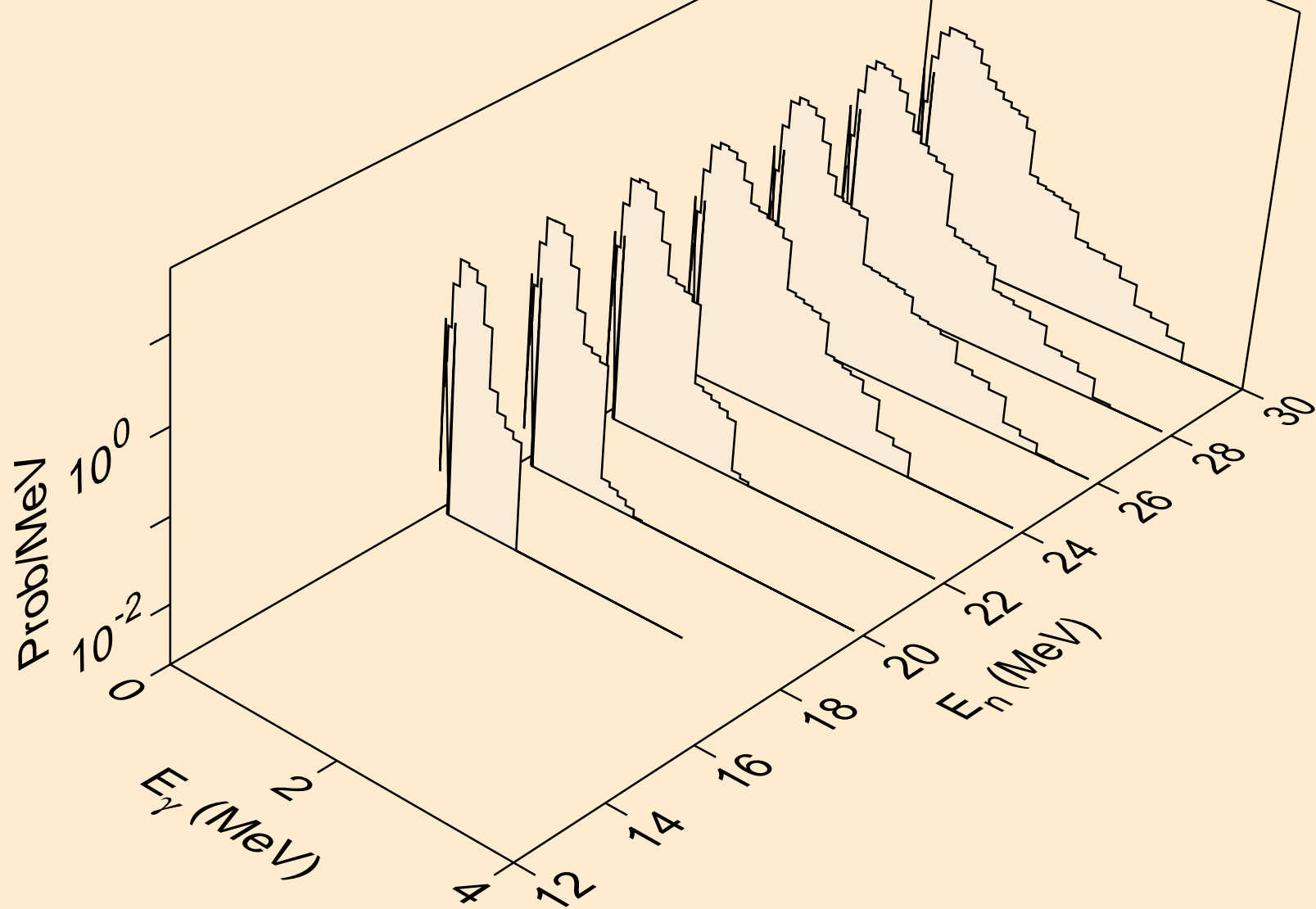


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

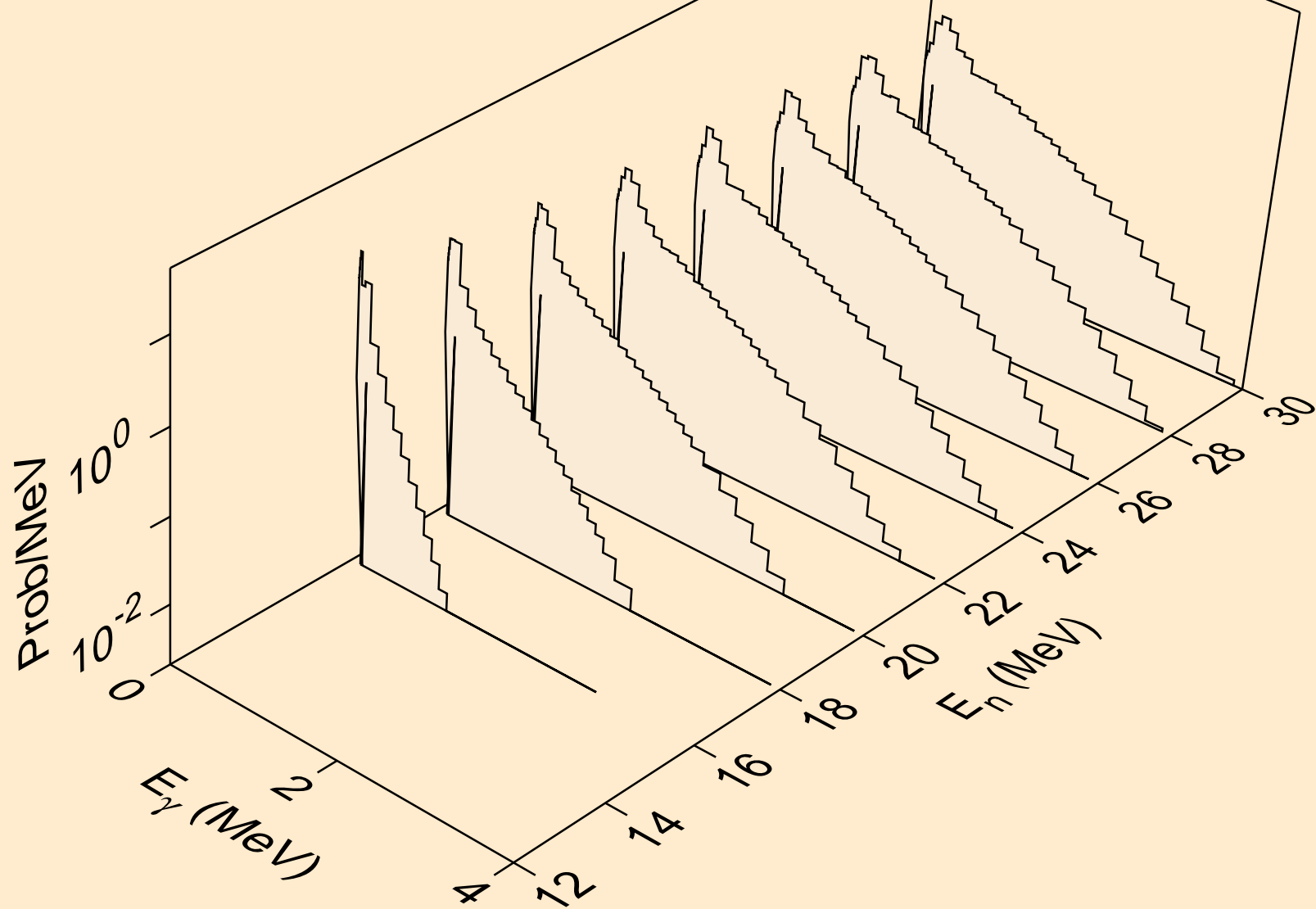




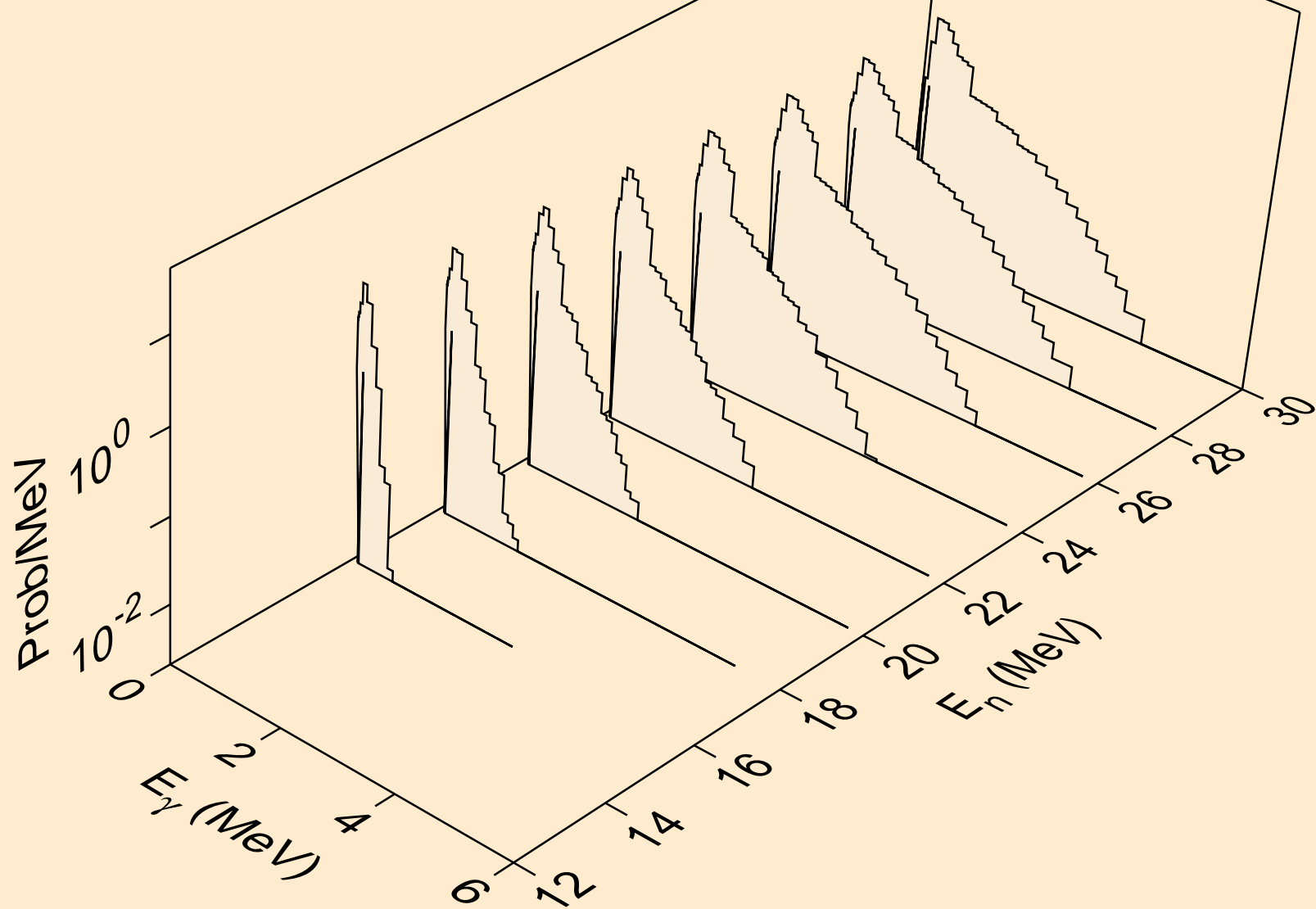
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



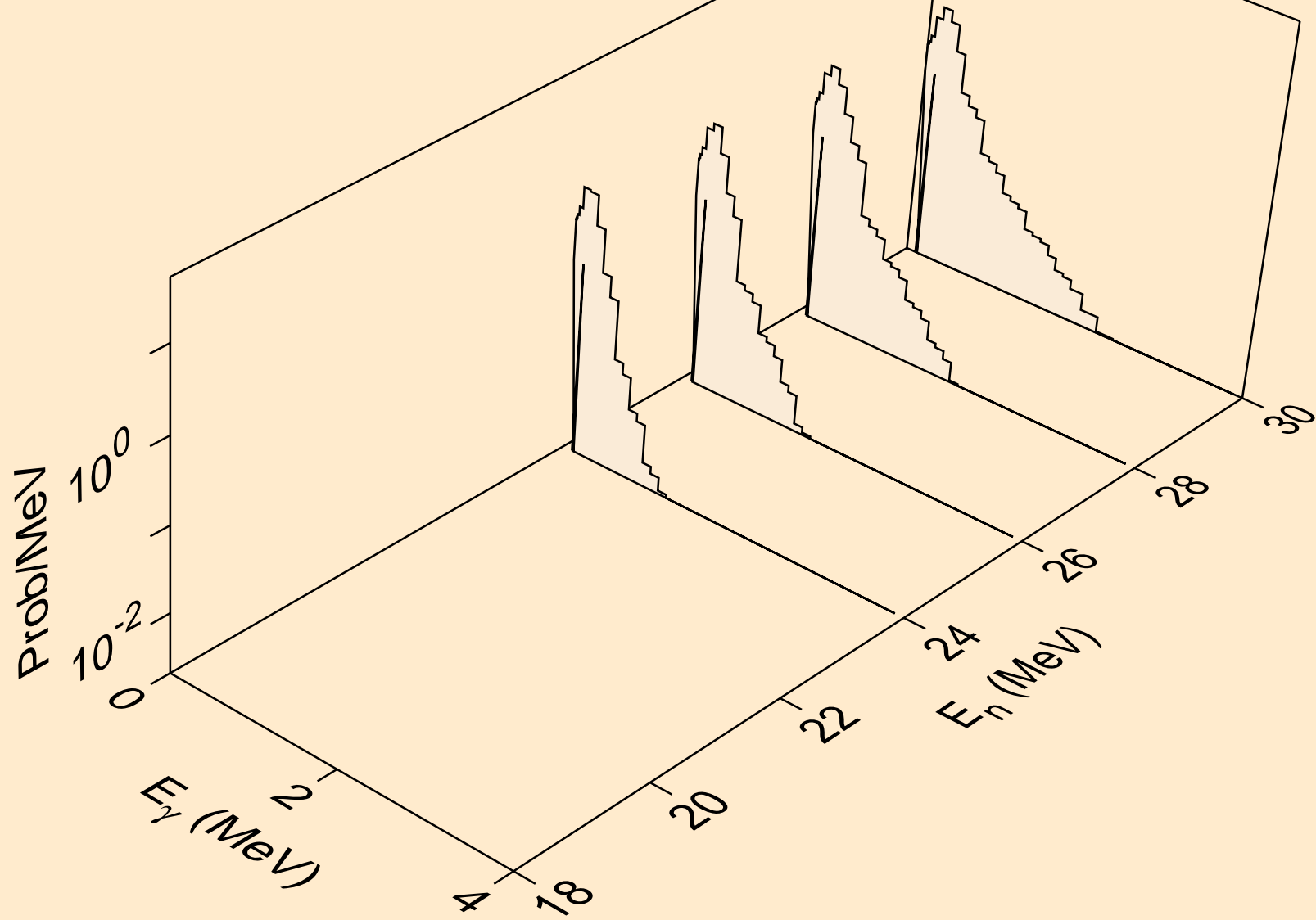
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



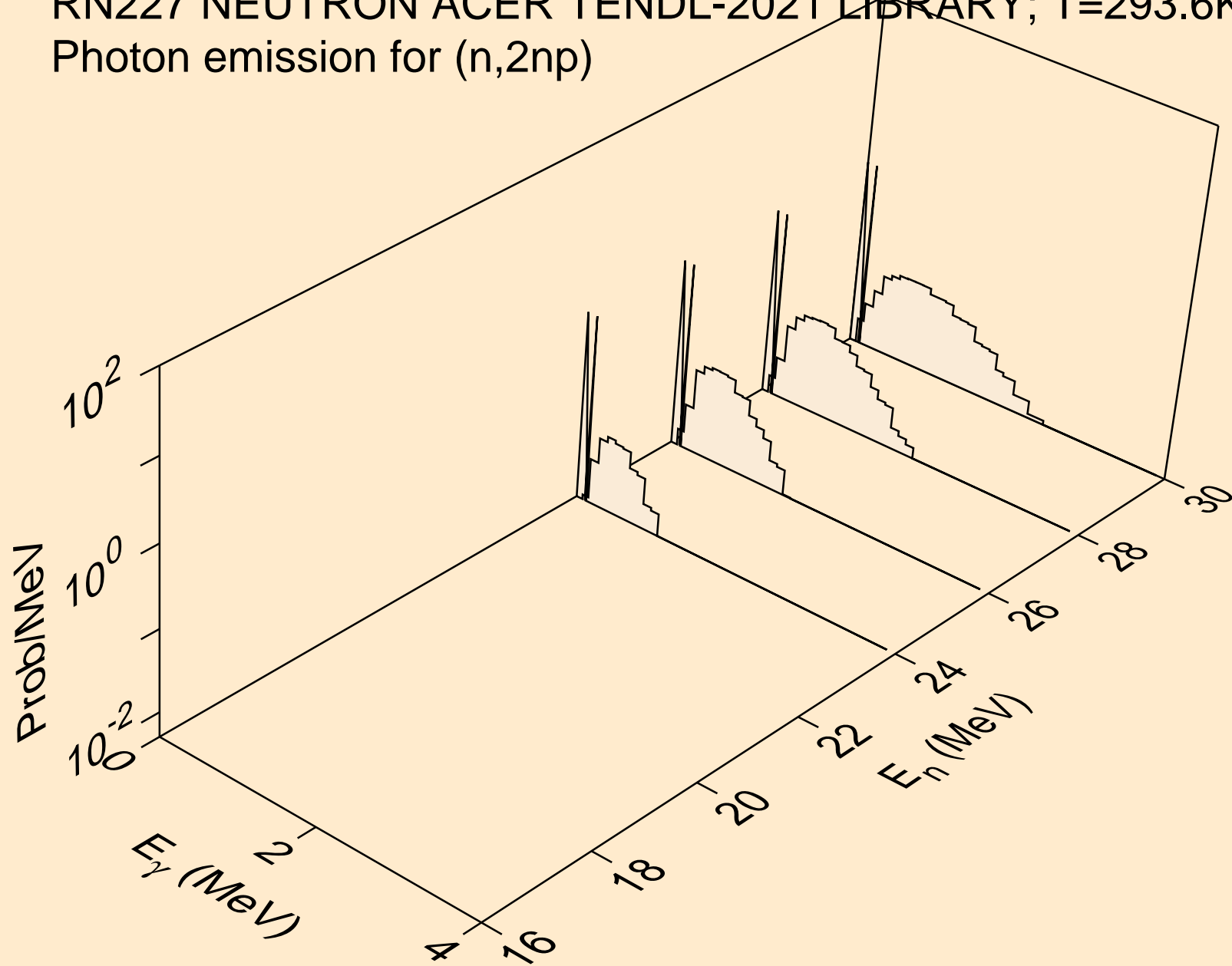
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



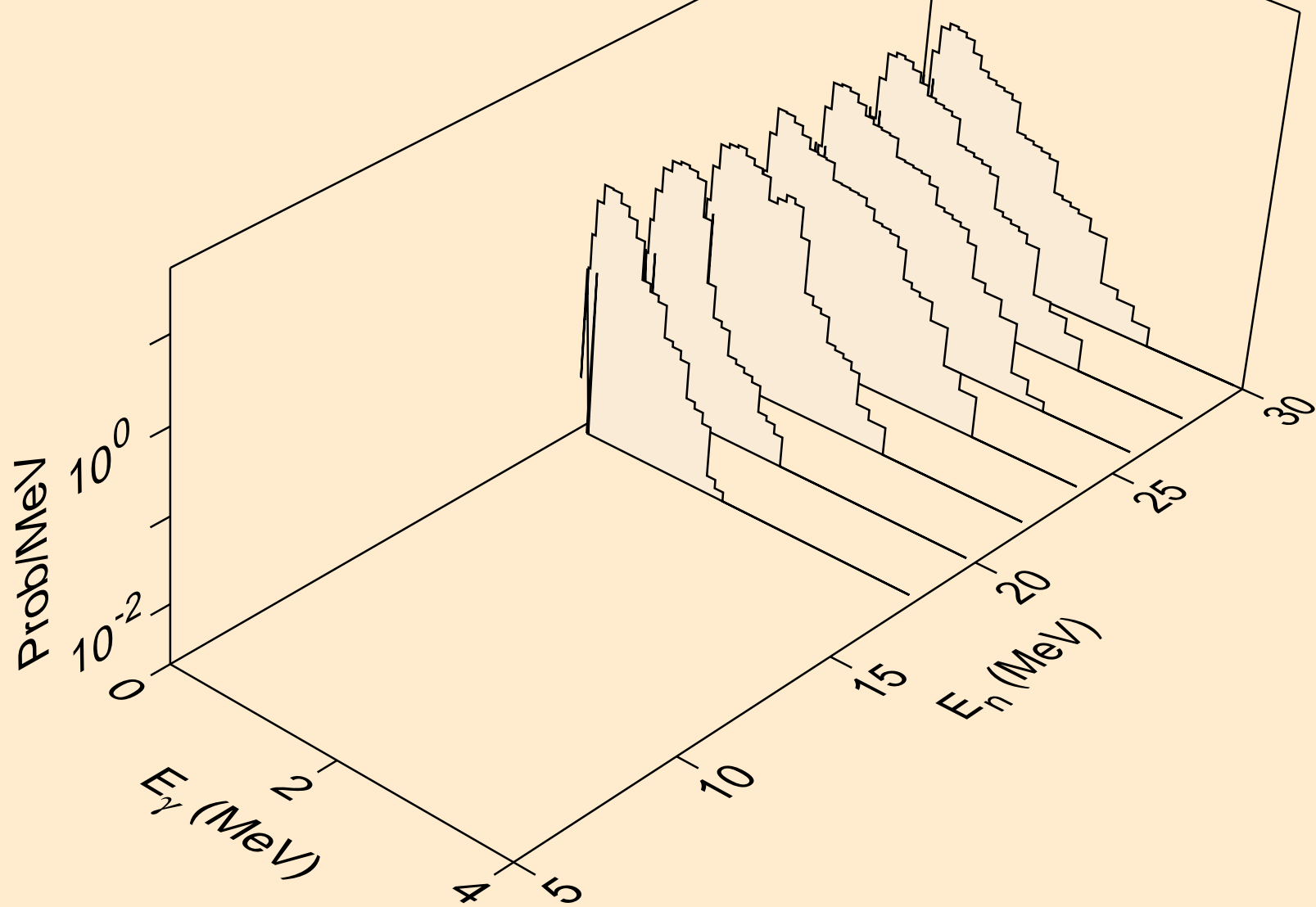
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



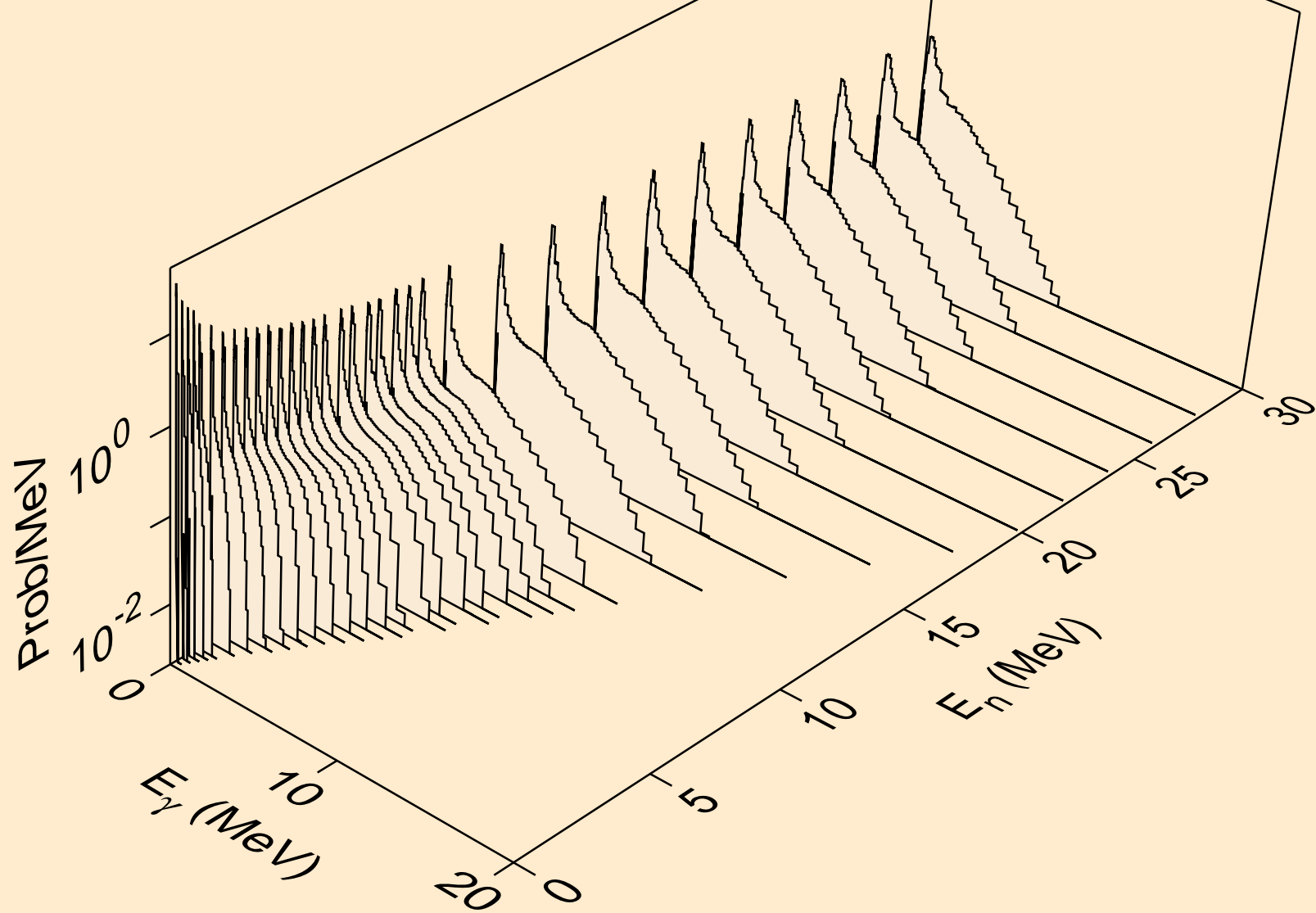
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



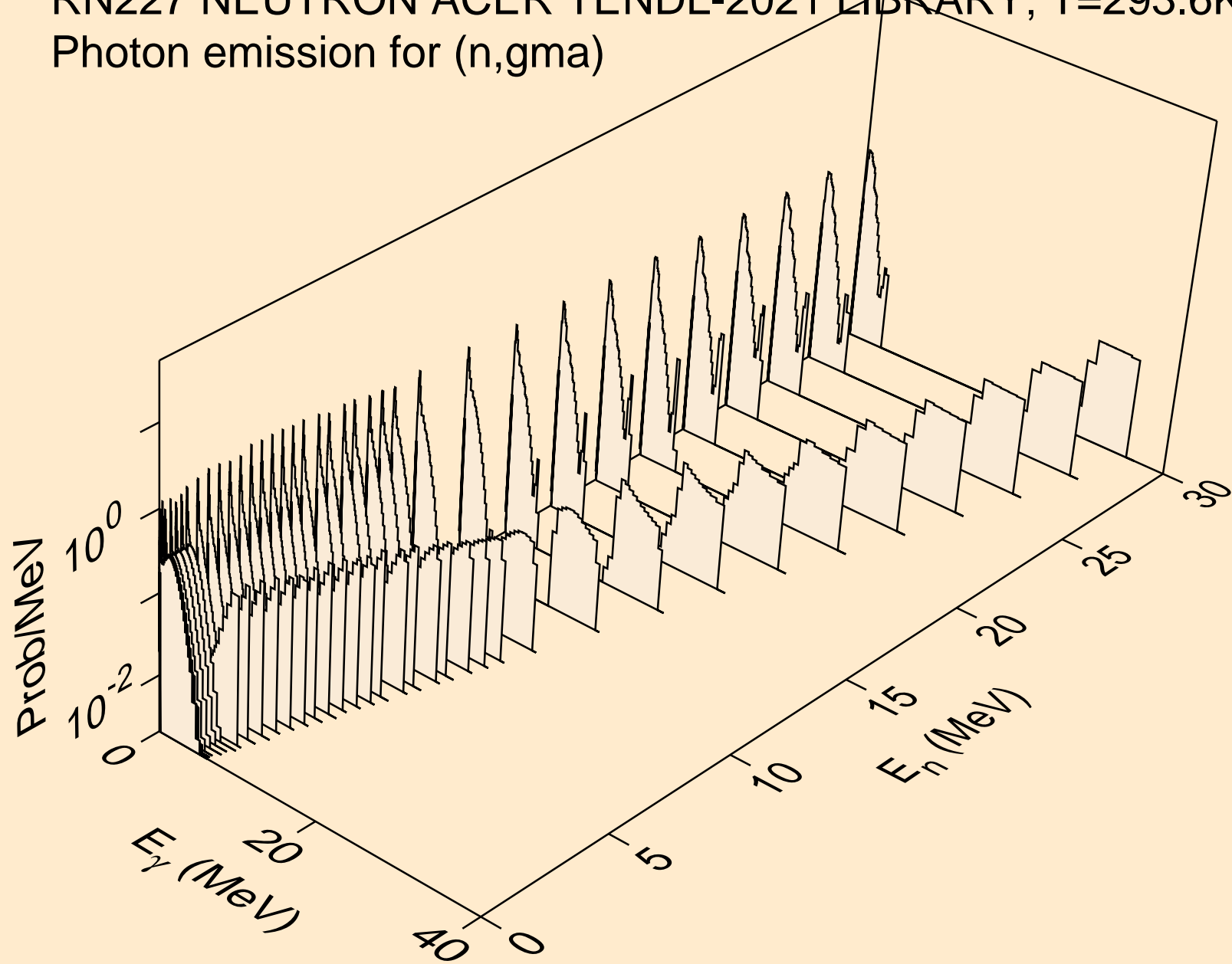
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

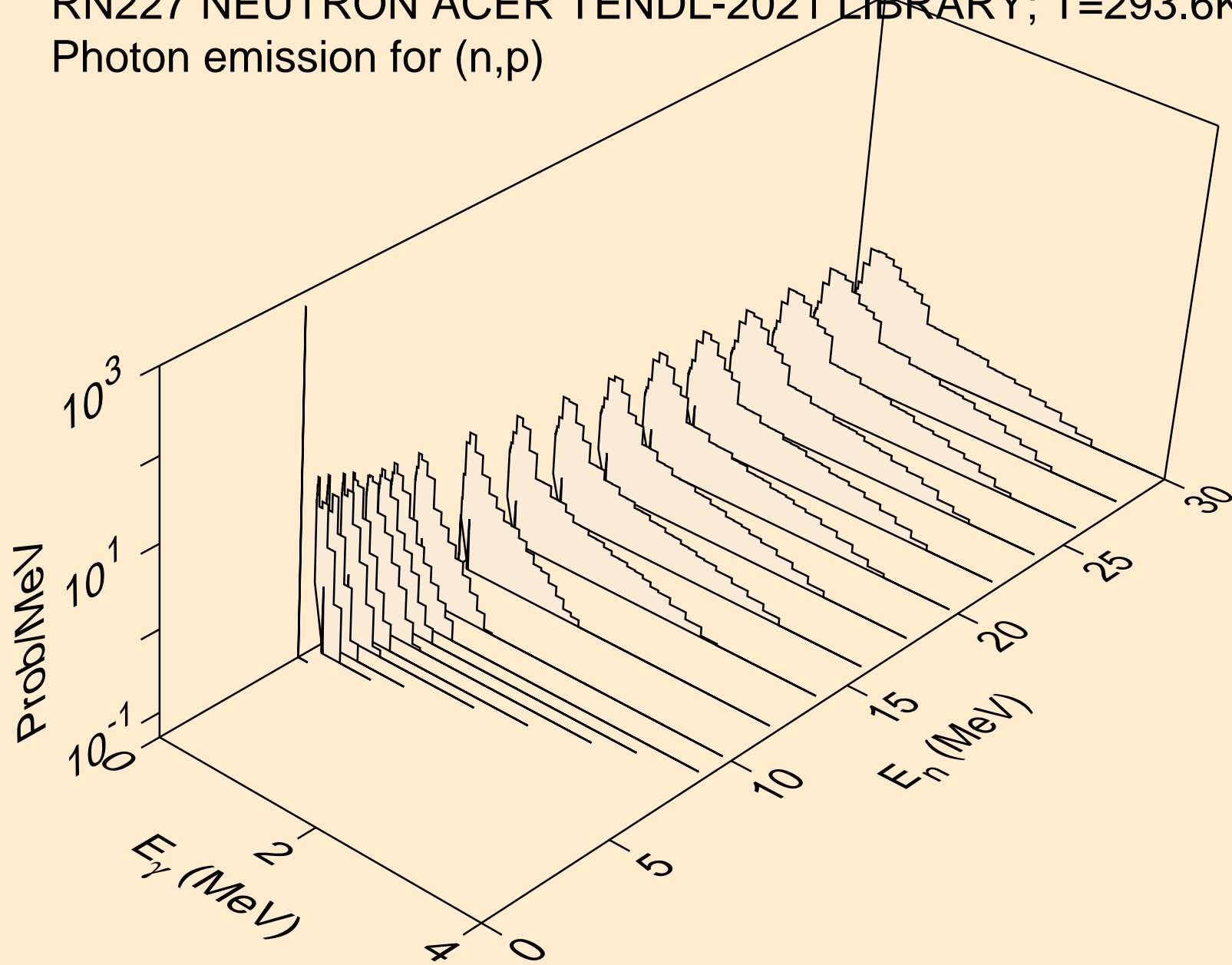


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

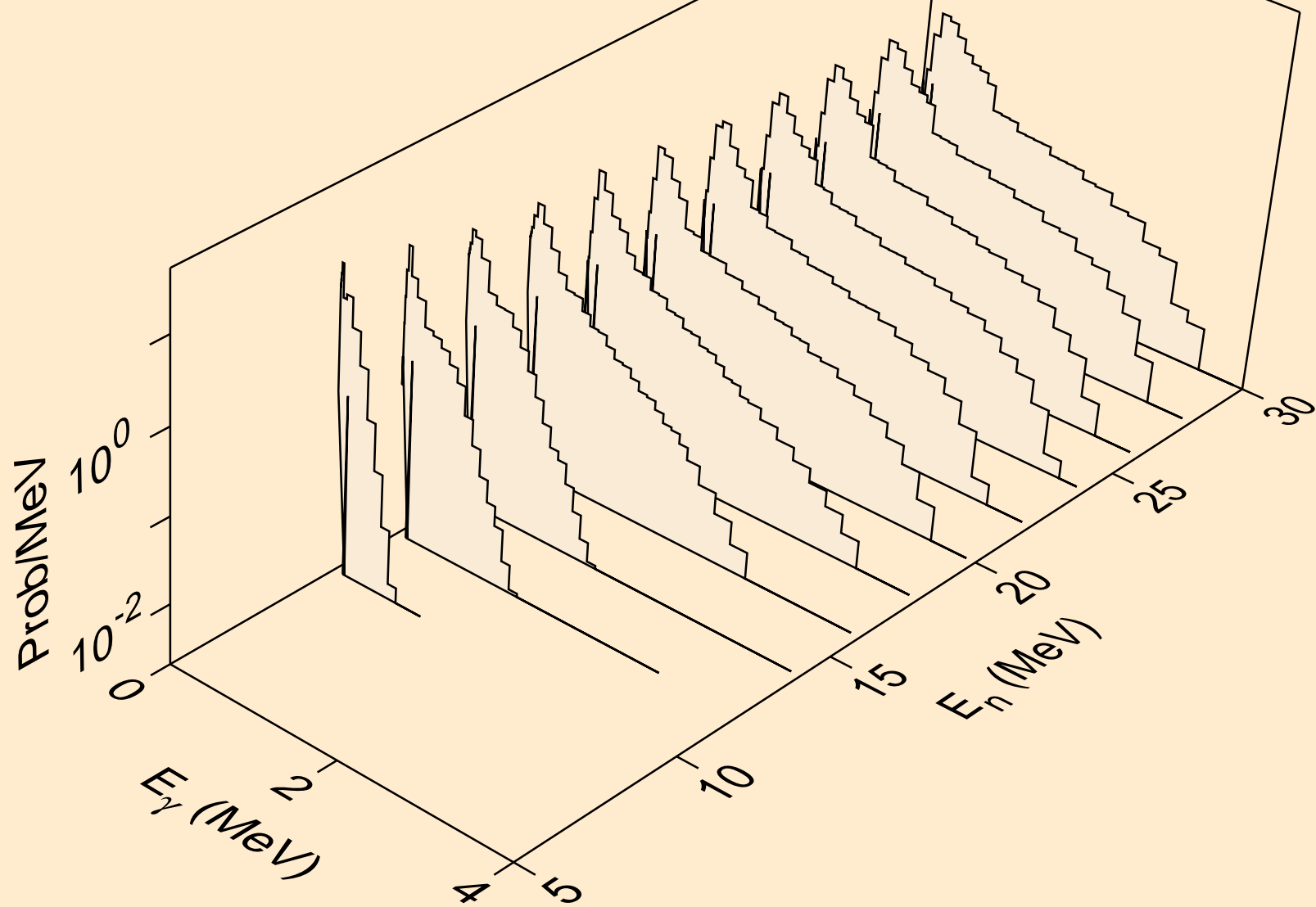




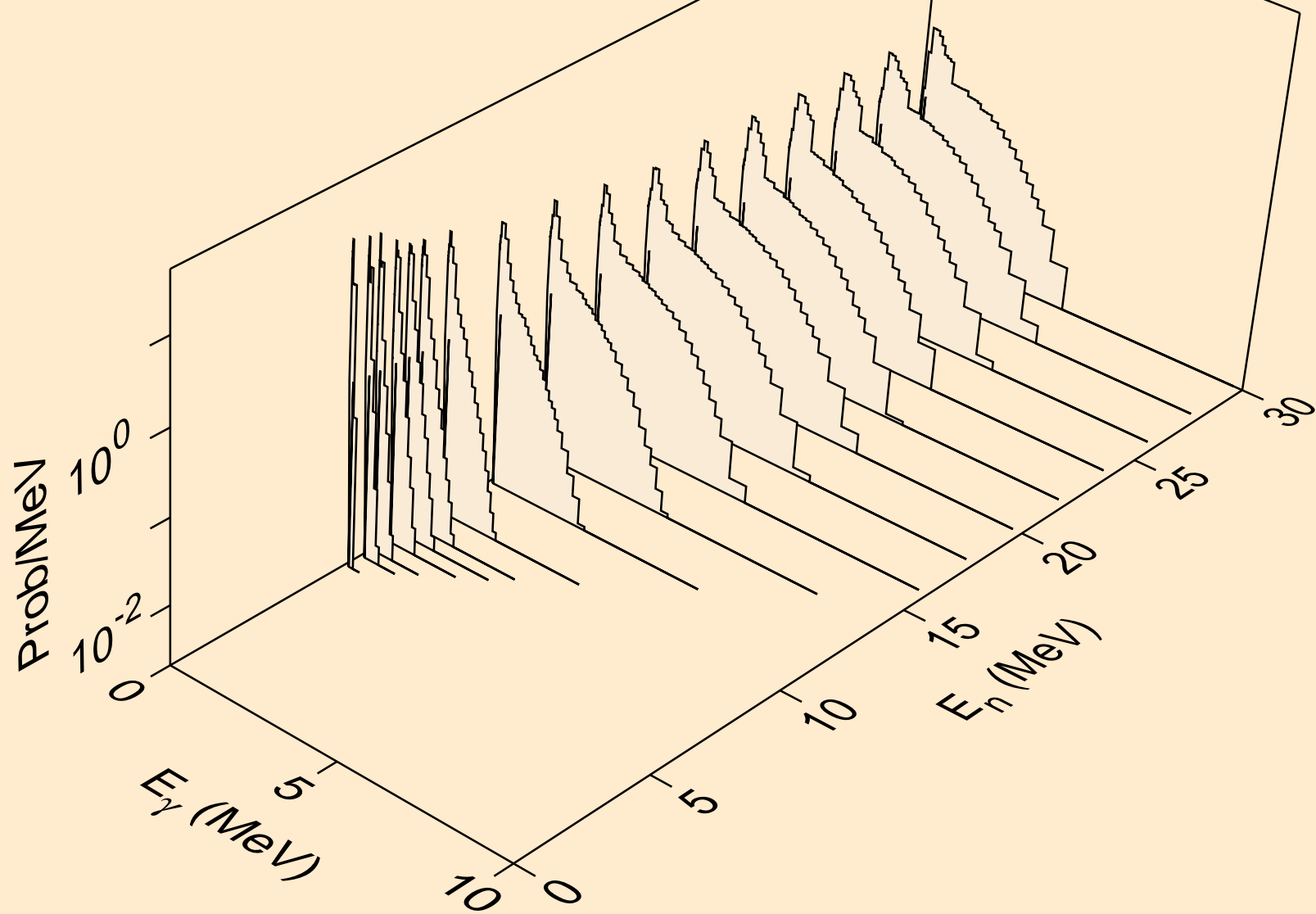
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



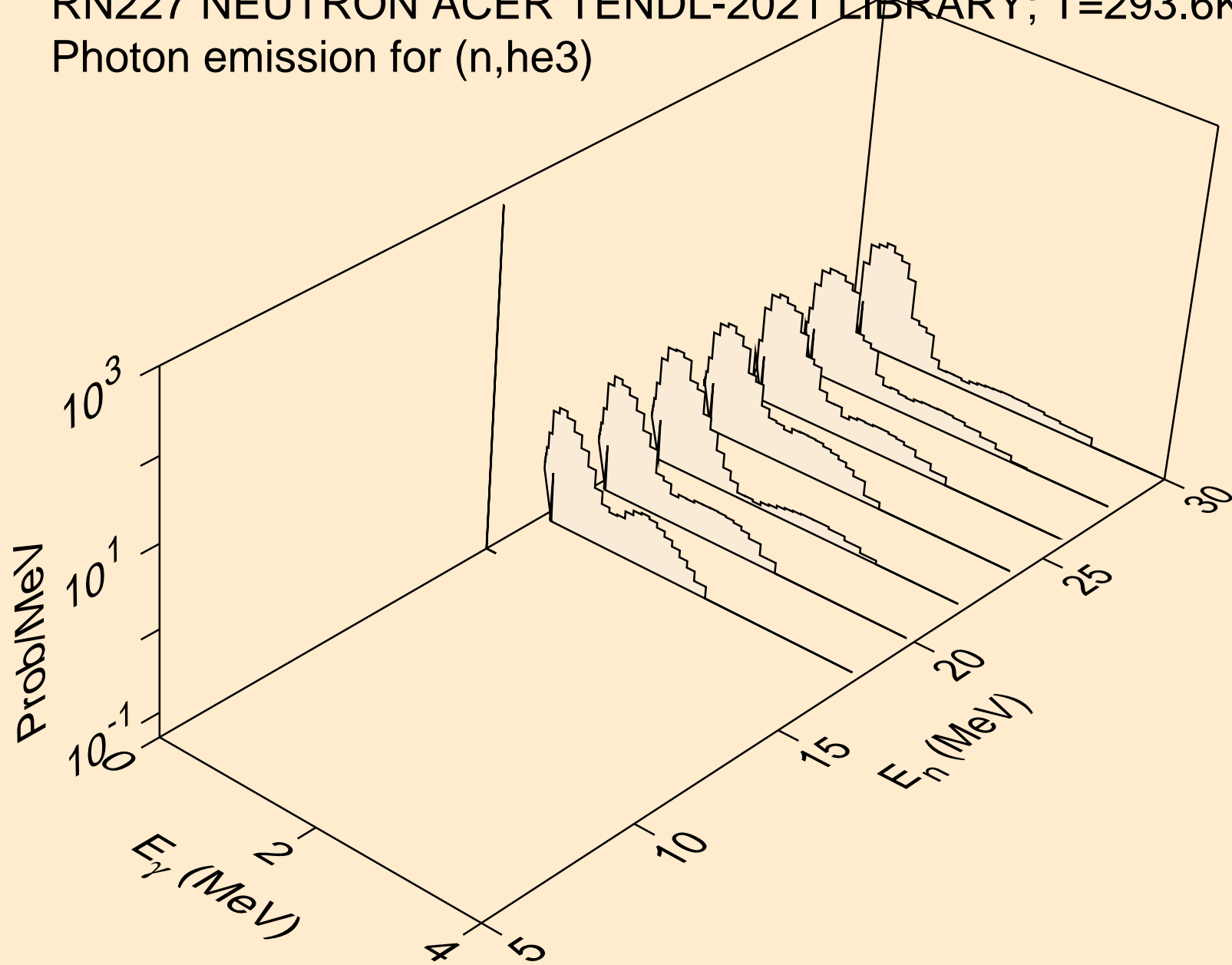
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



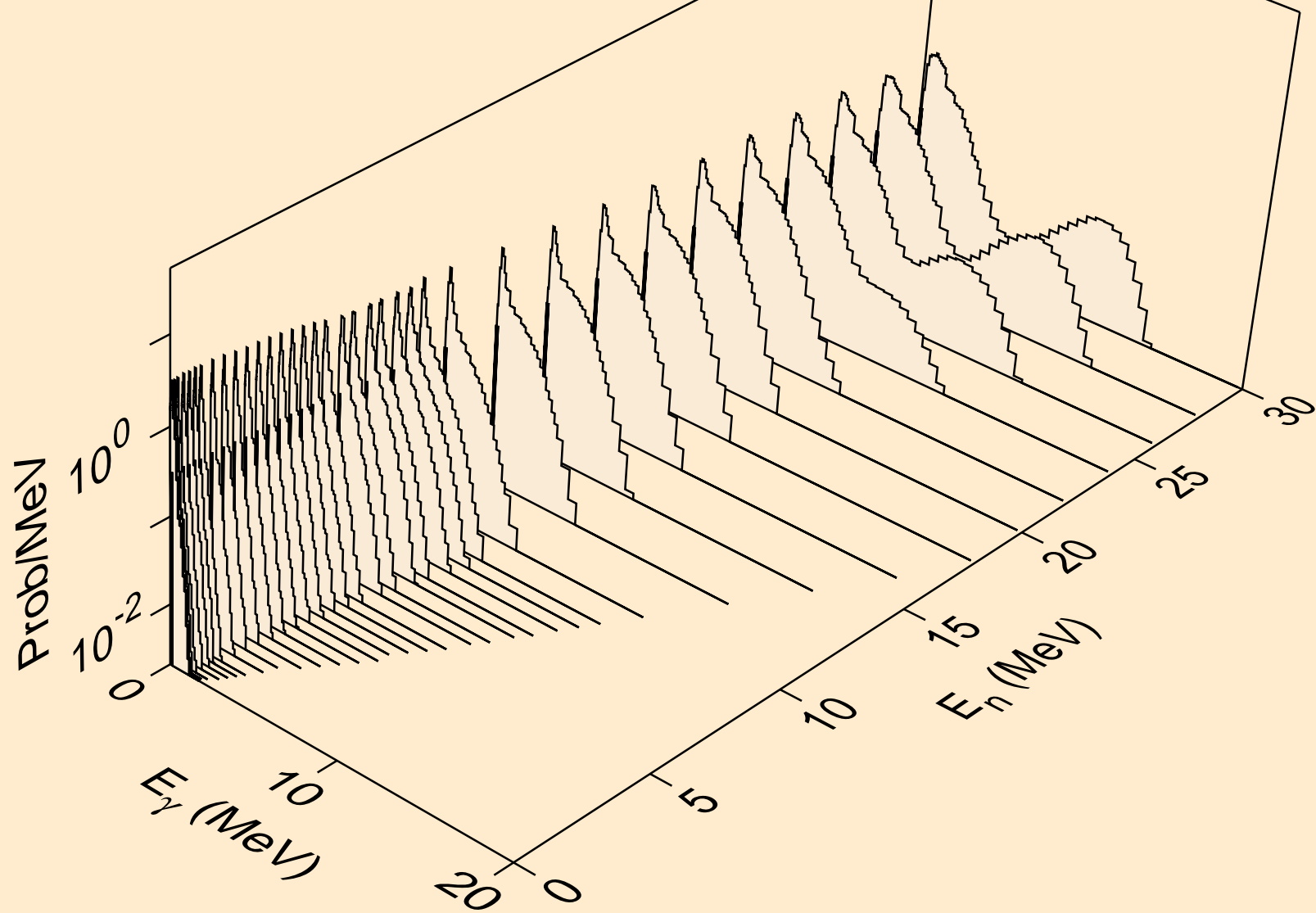
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



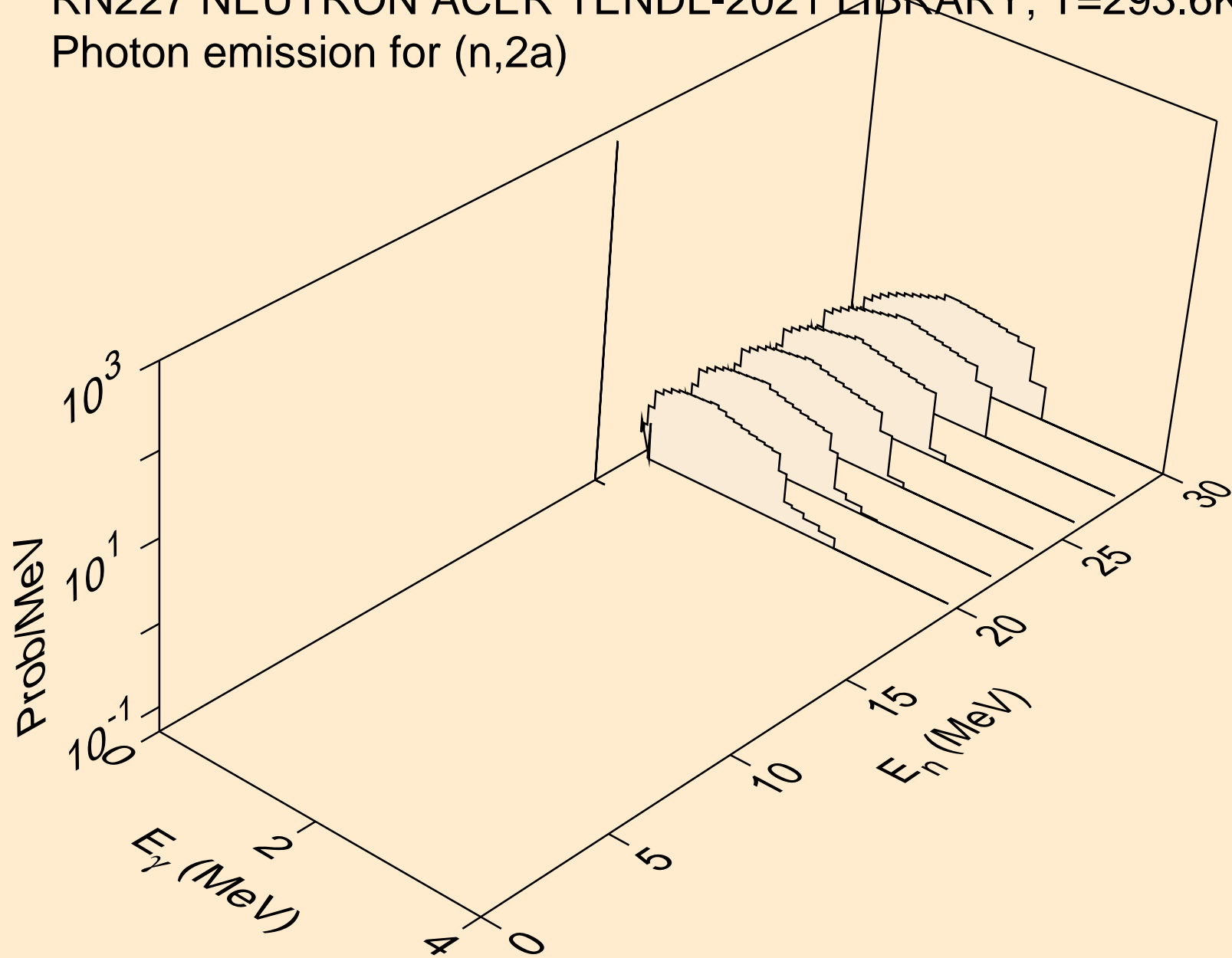
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



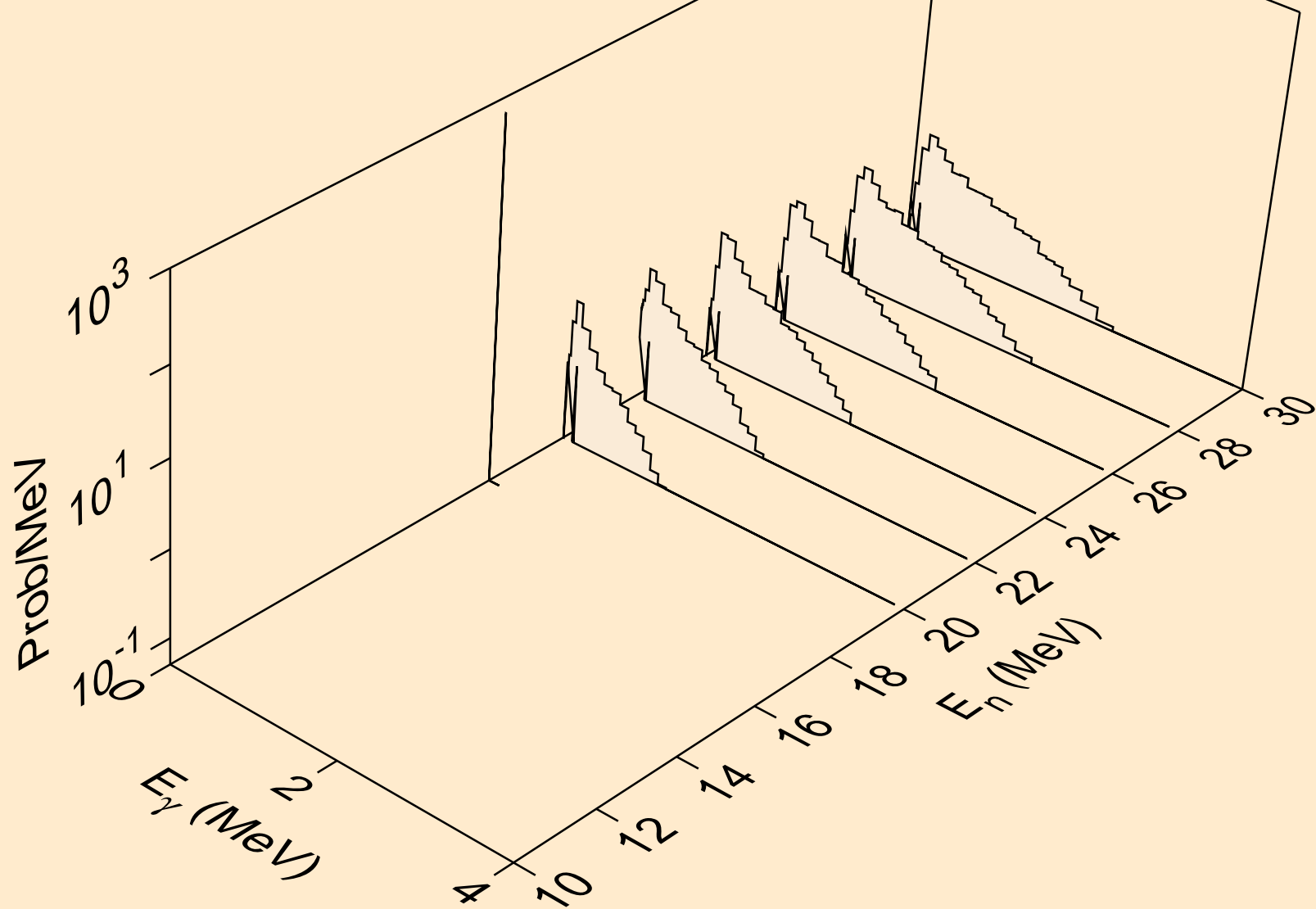
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



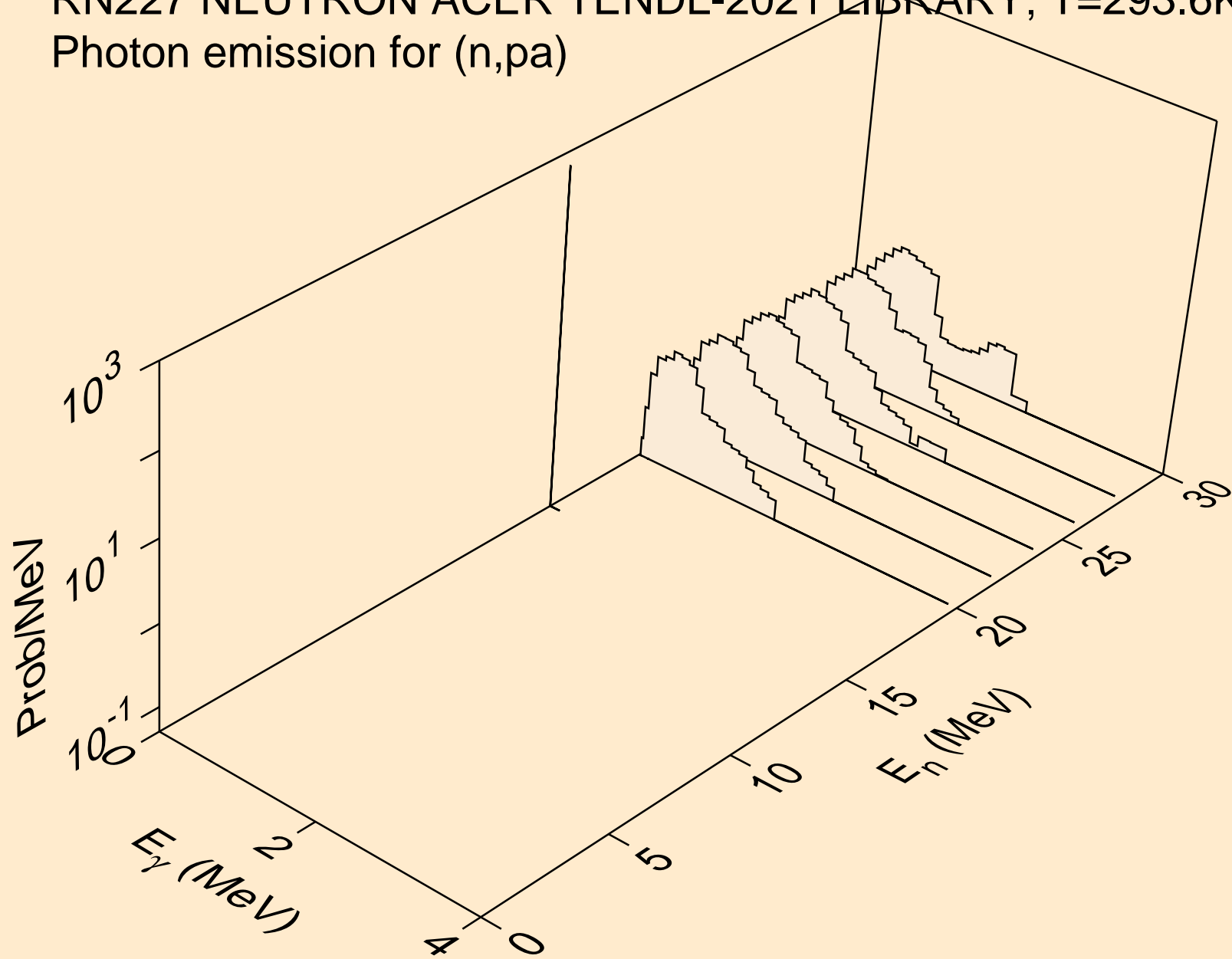
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

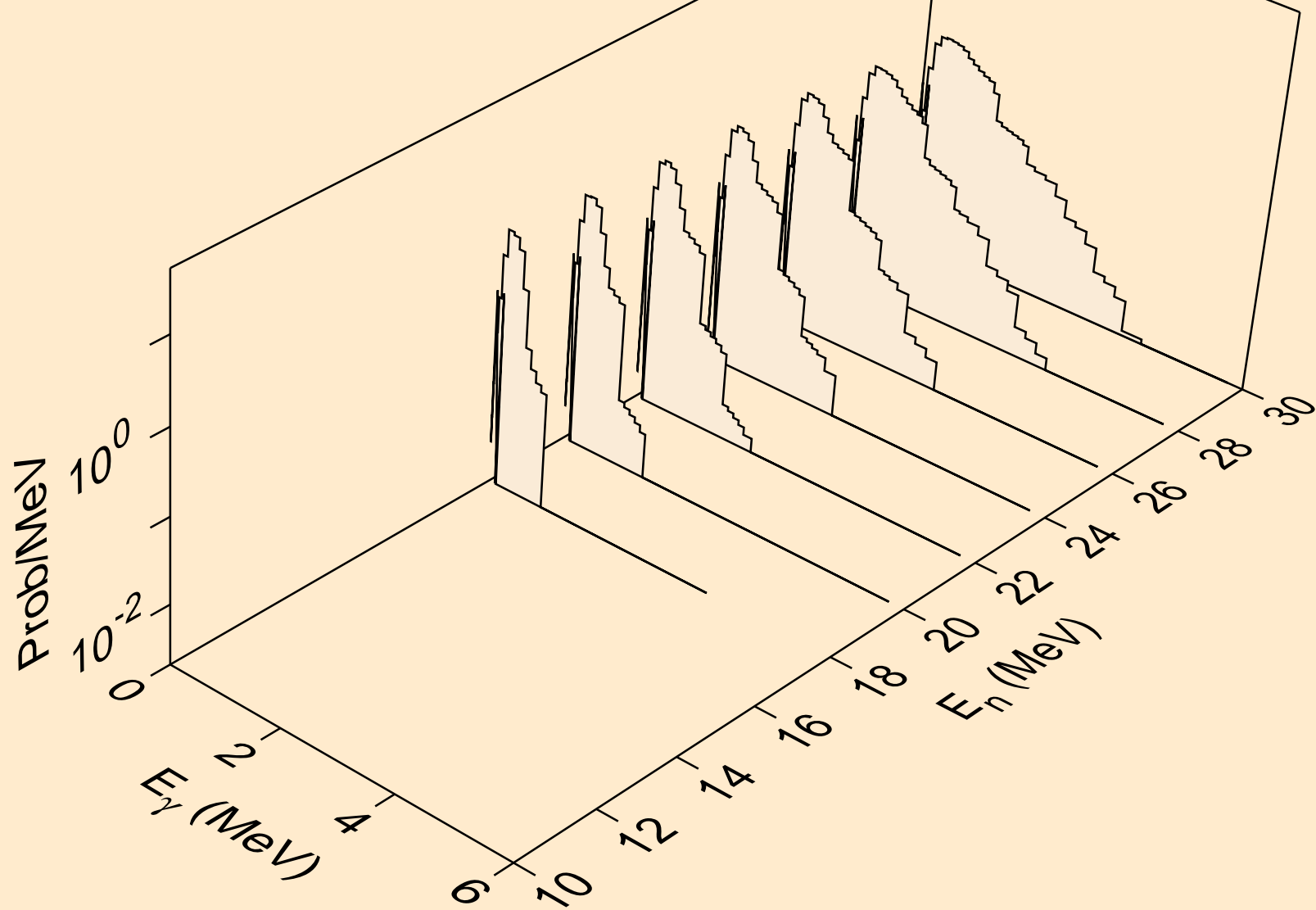


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

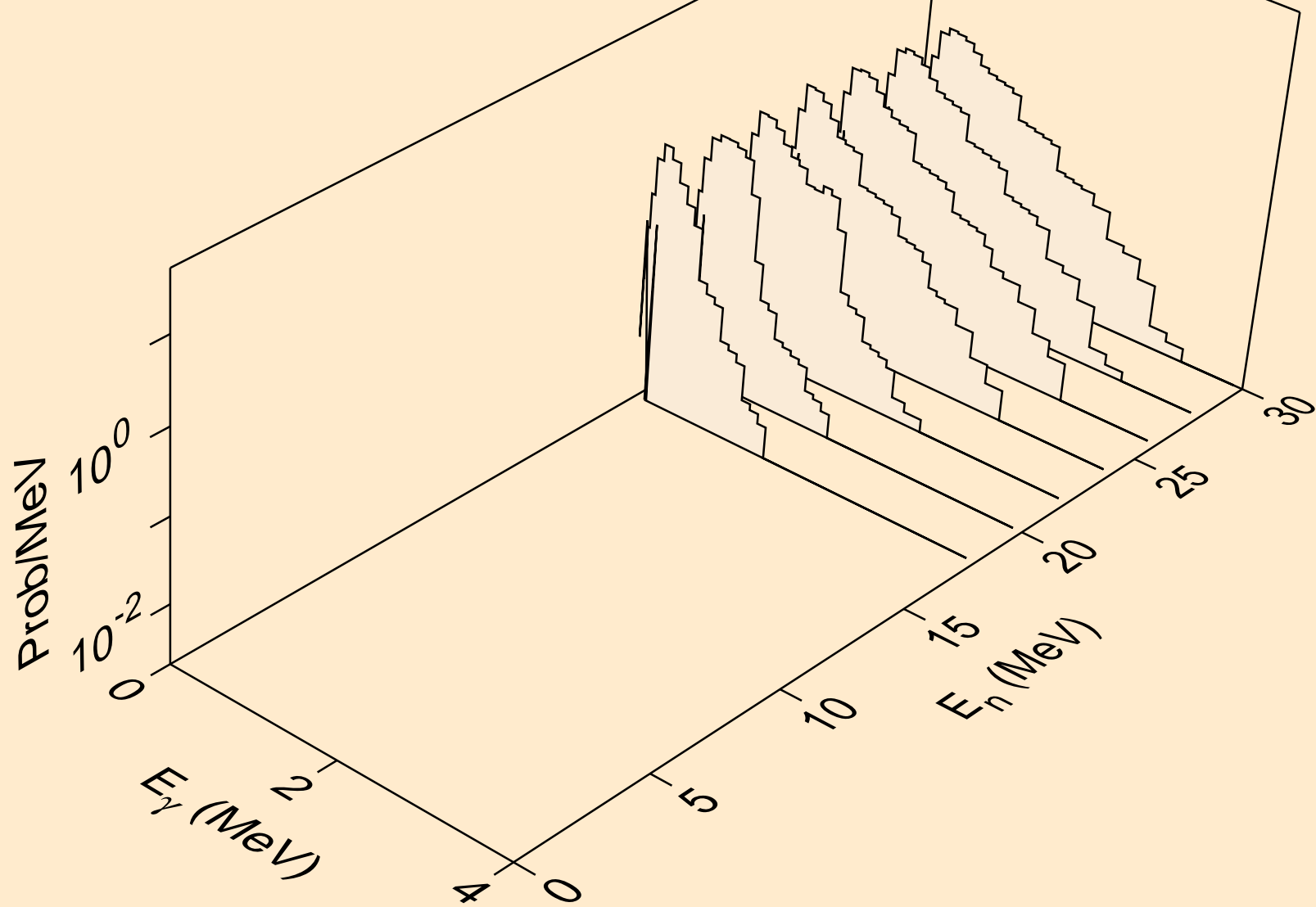




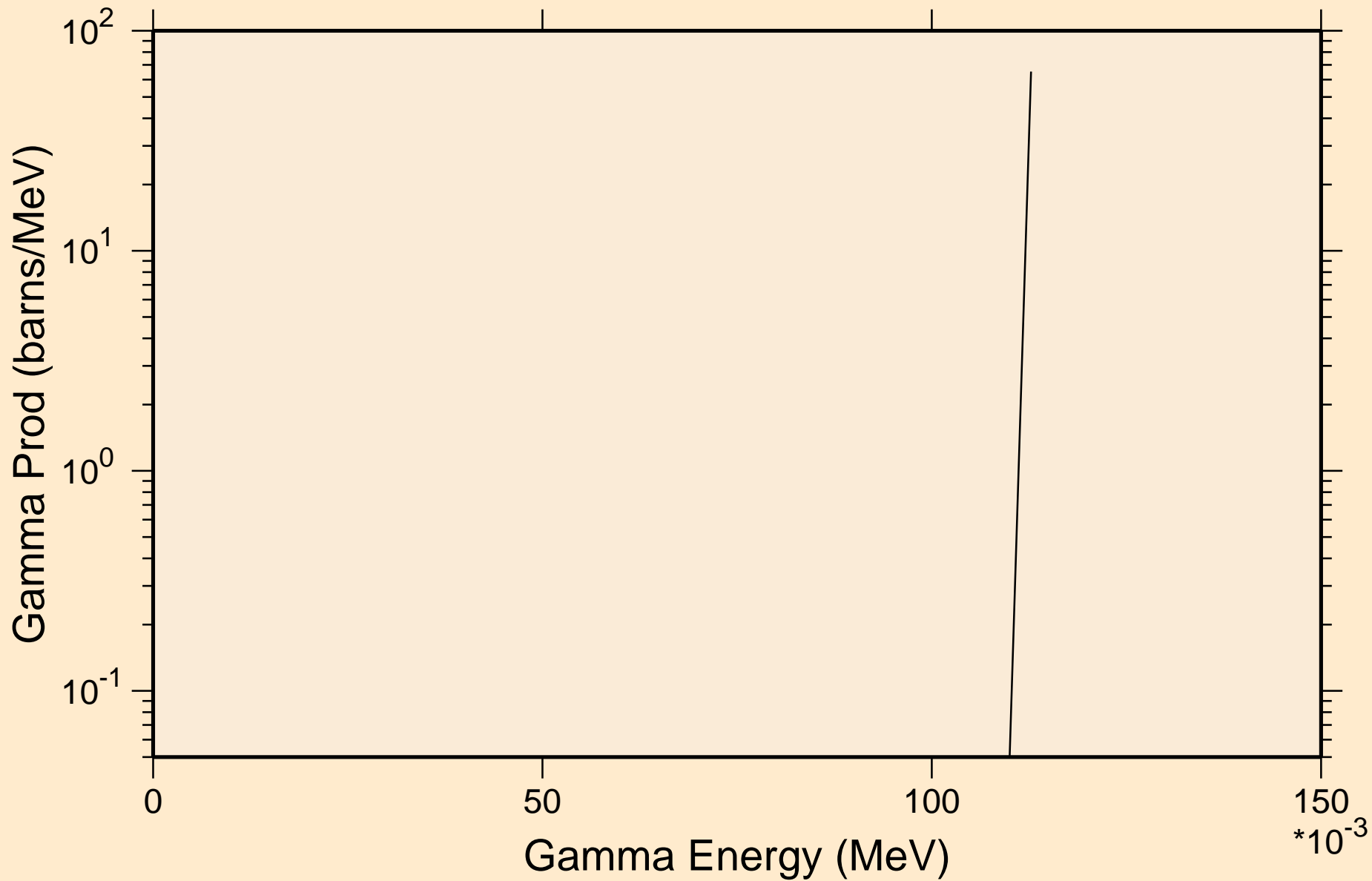
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



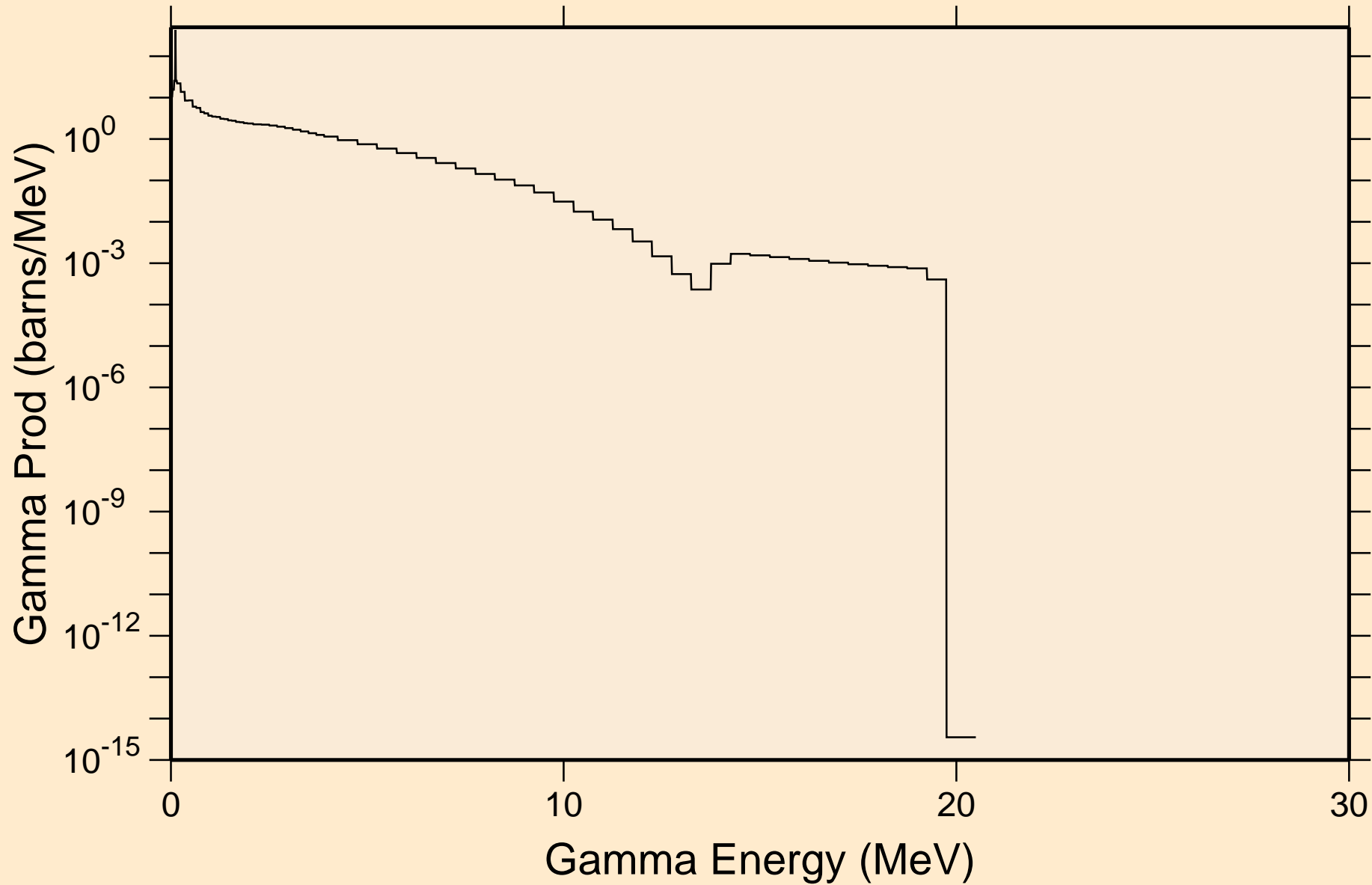
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

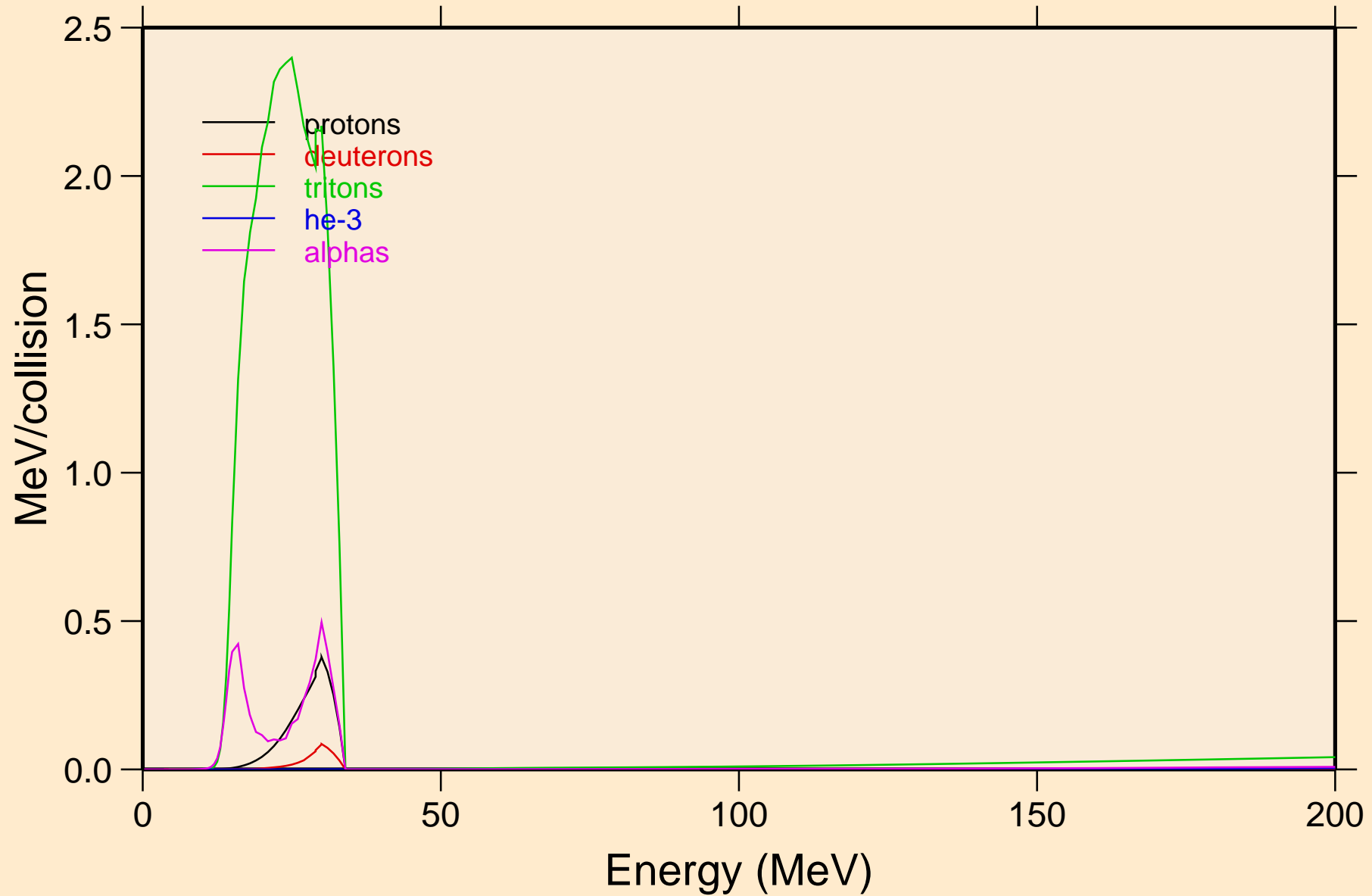


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

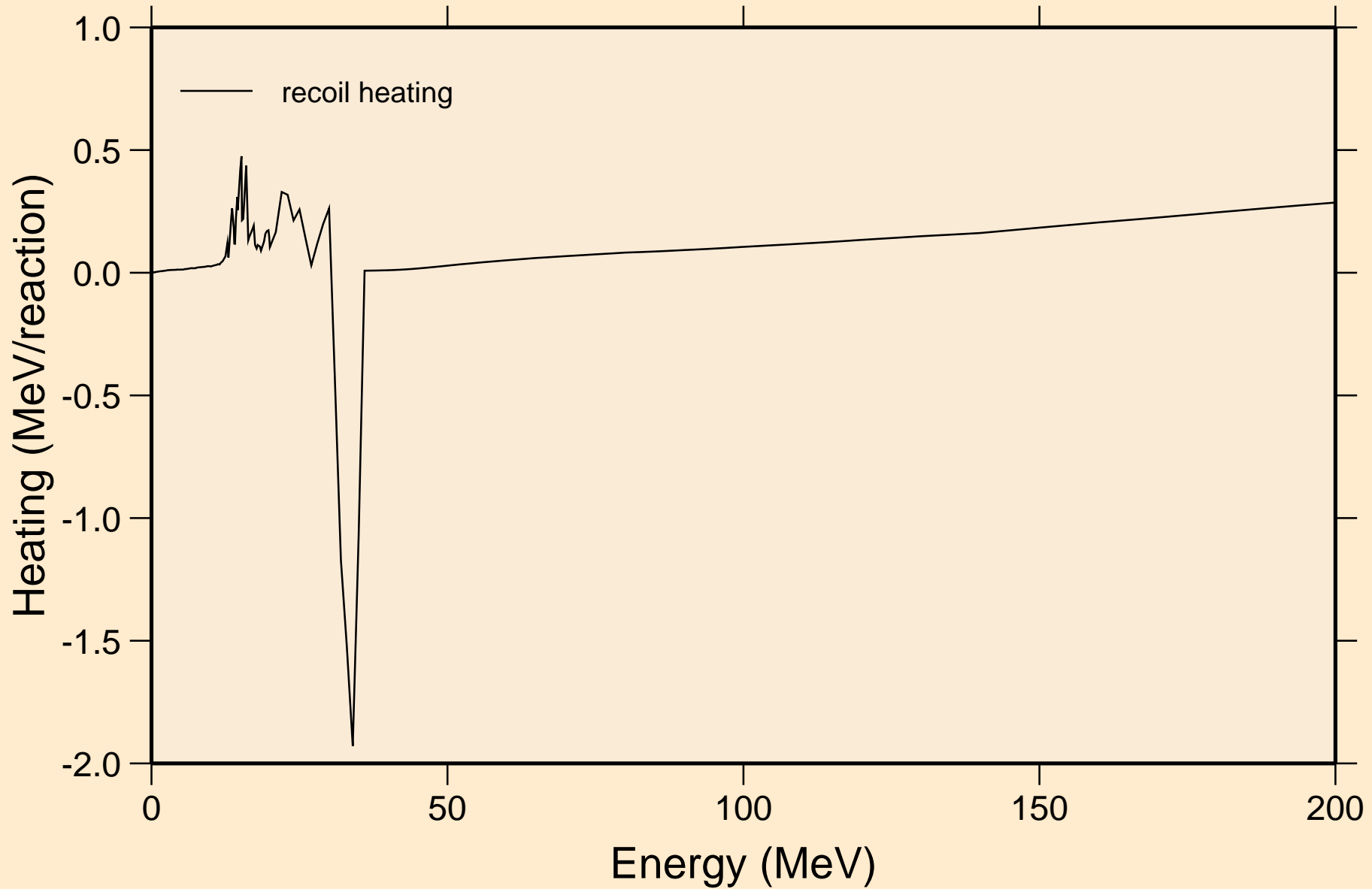


# RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

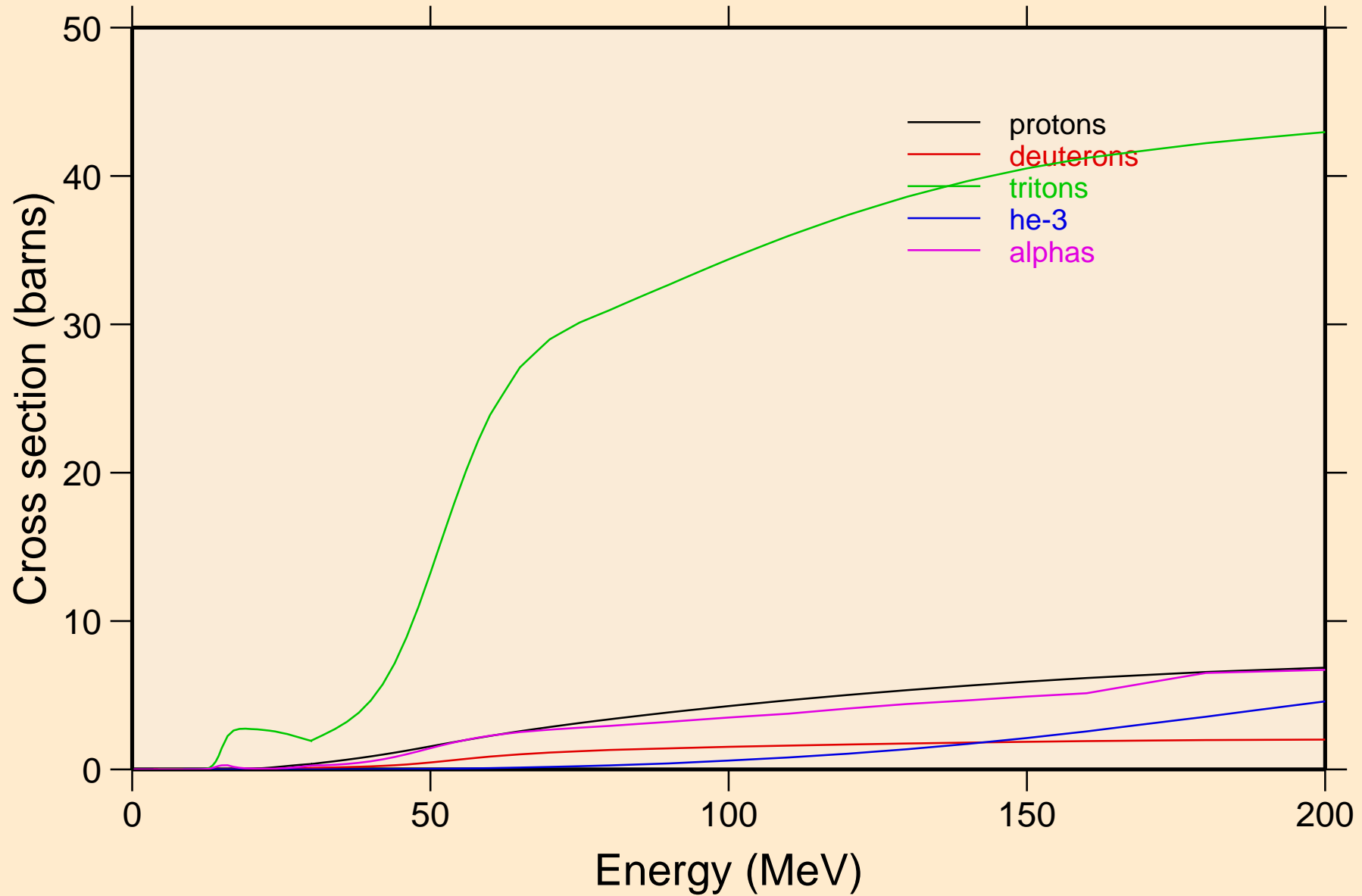
## Particle heating contributions



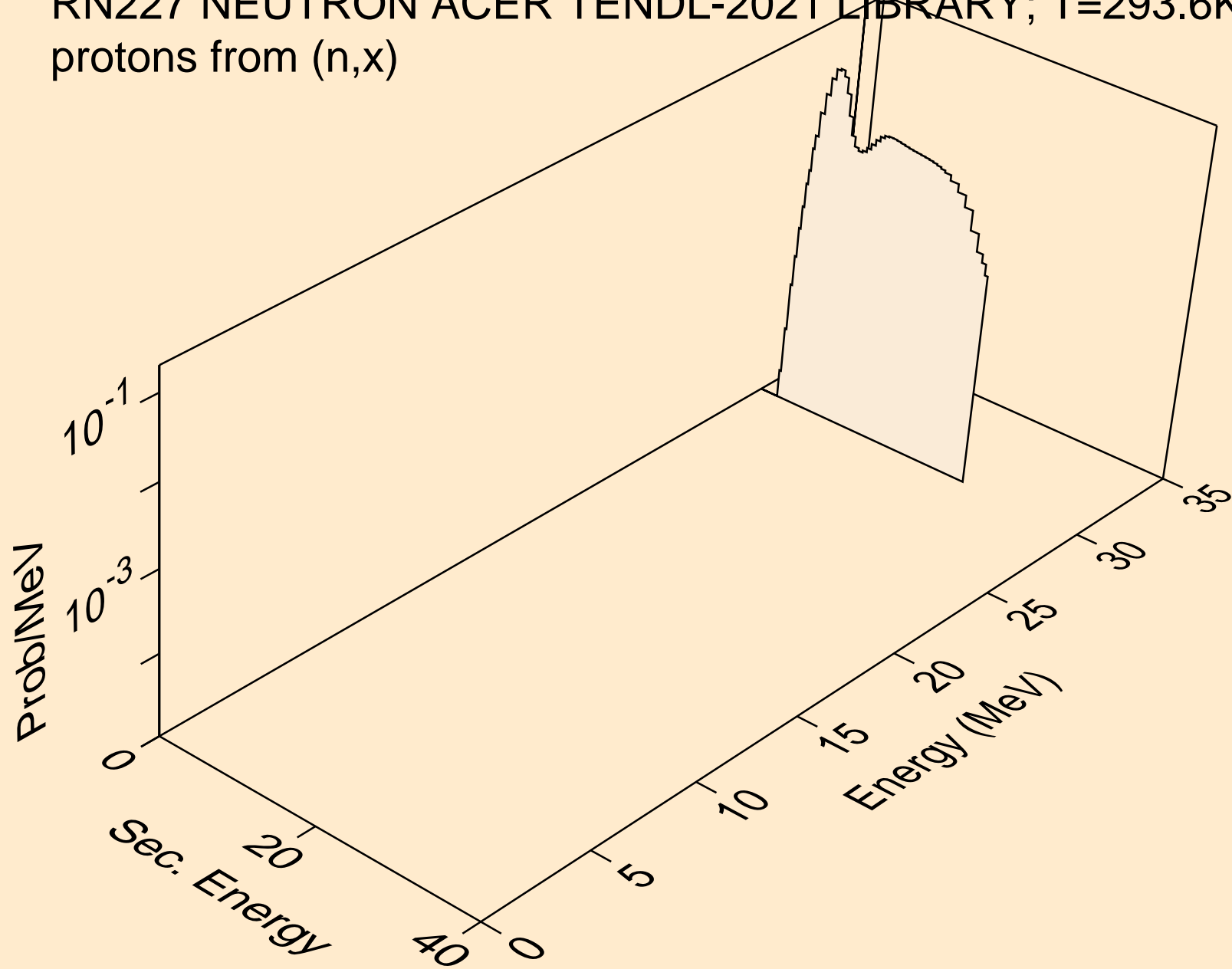
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

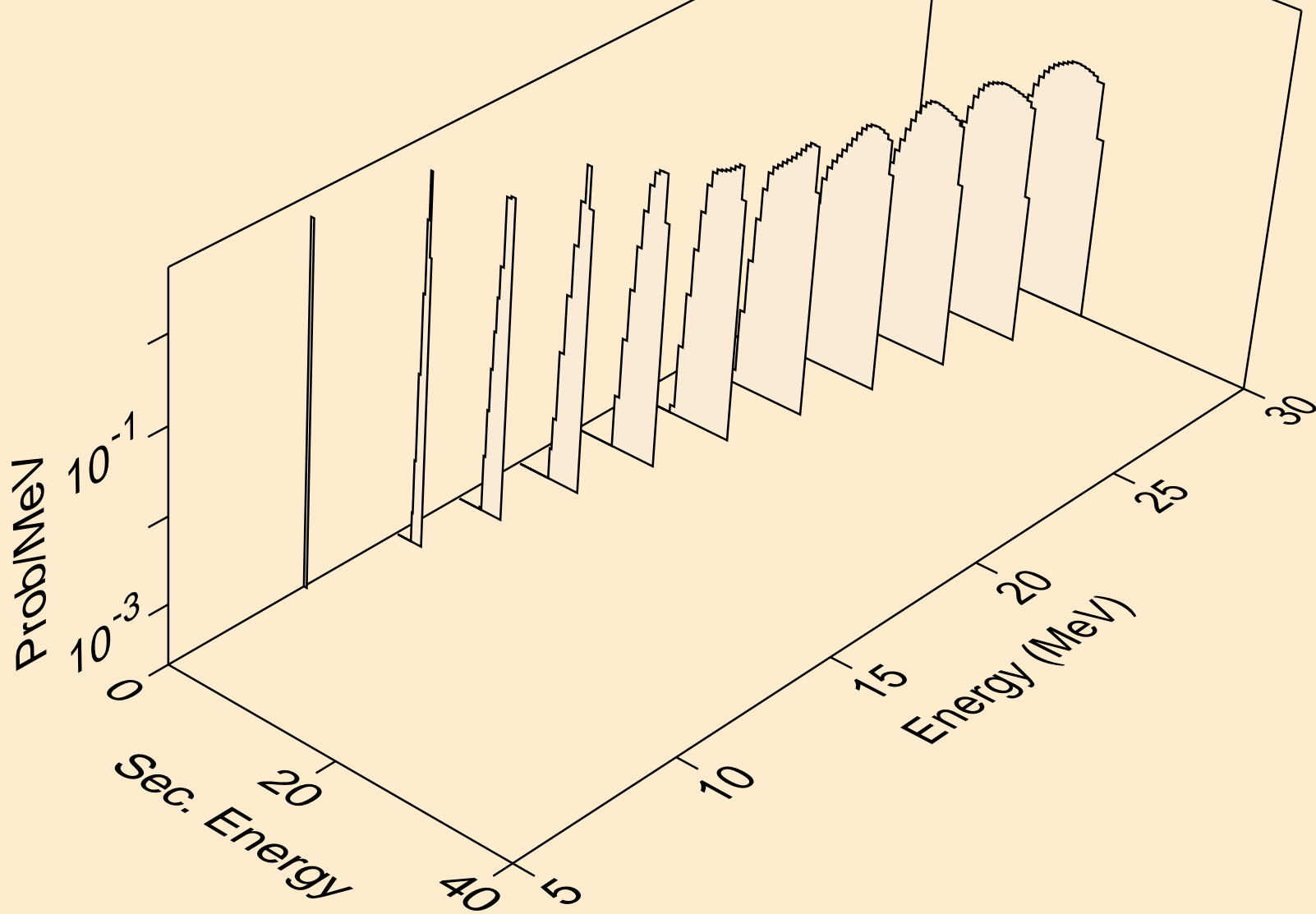


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

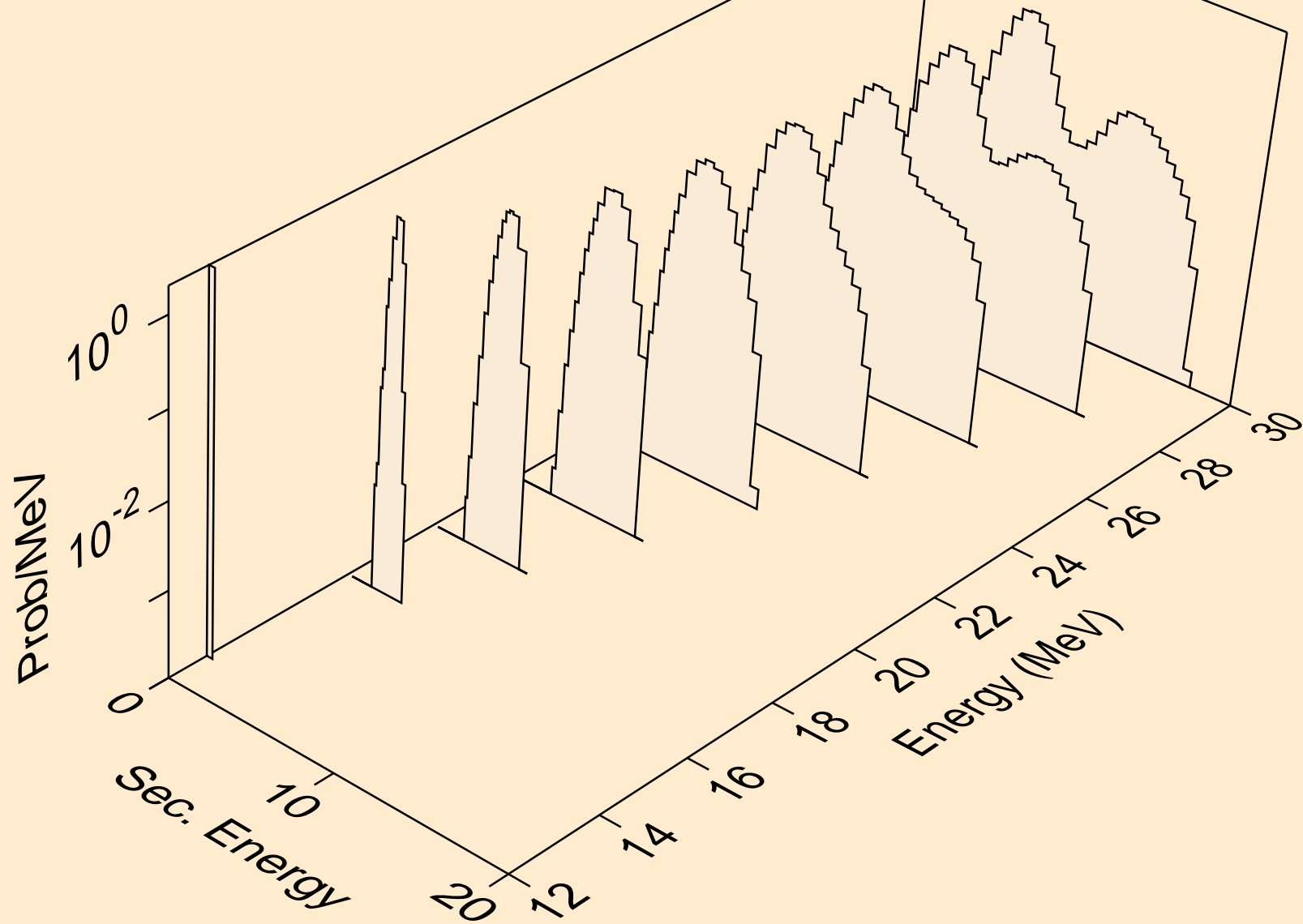




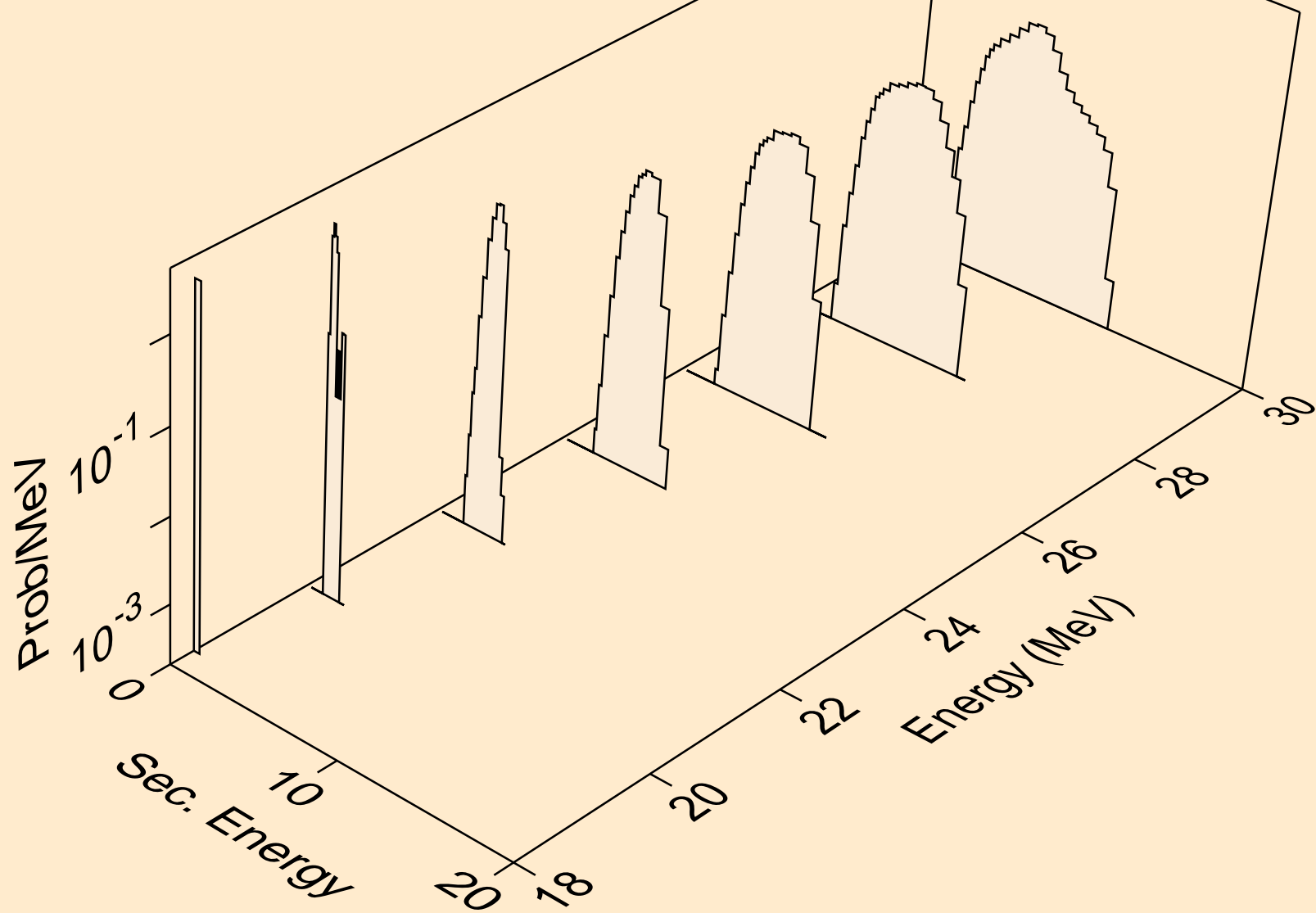
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



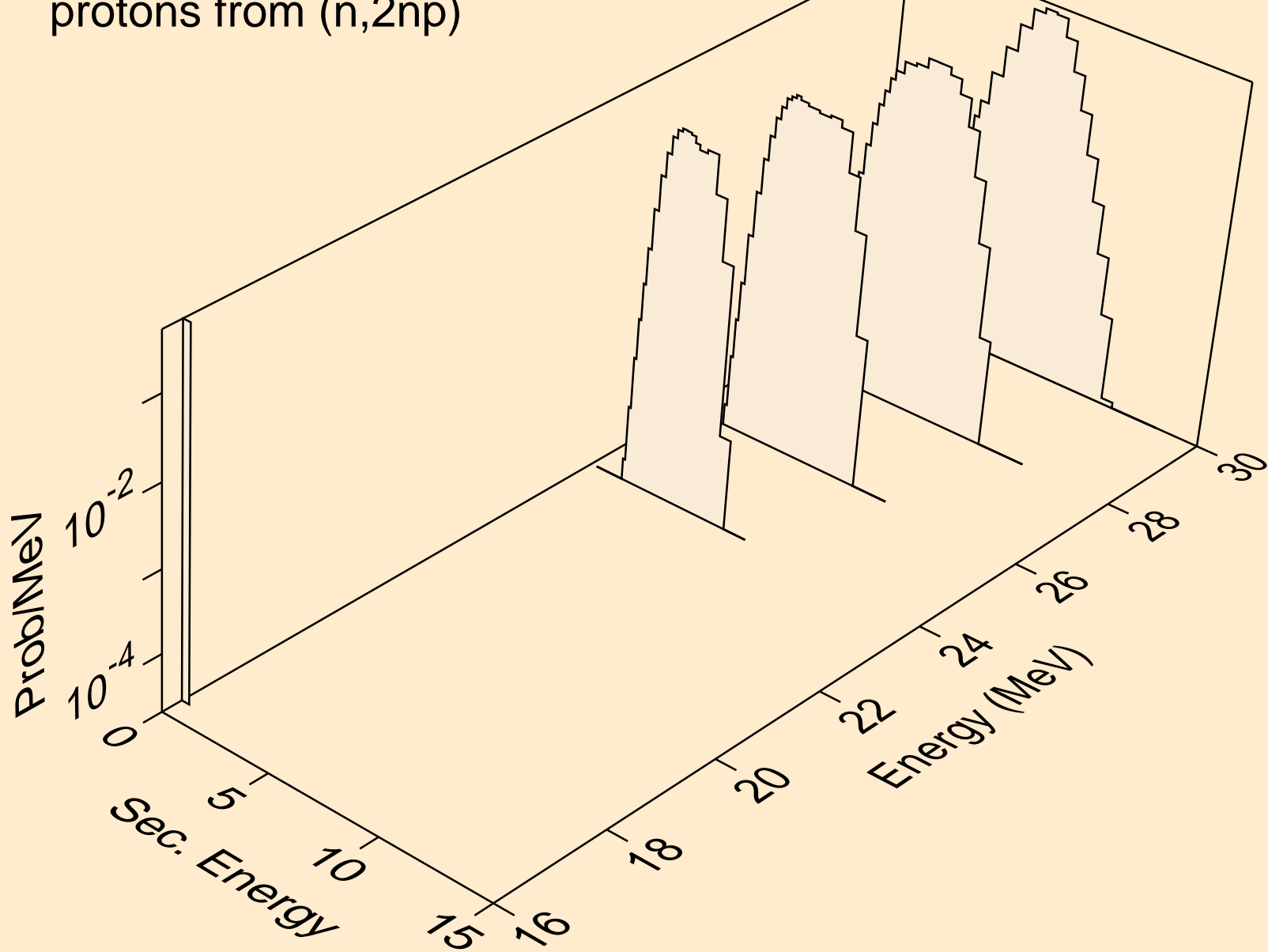
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



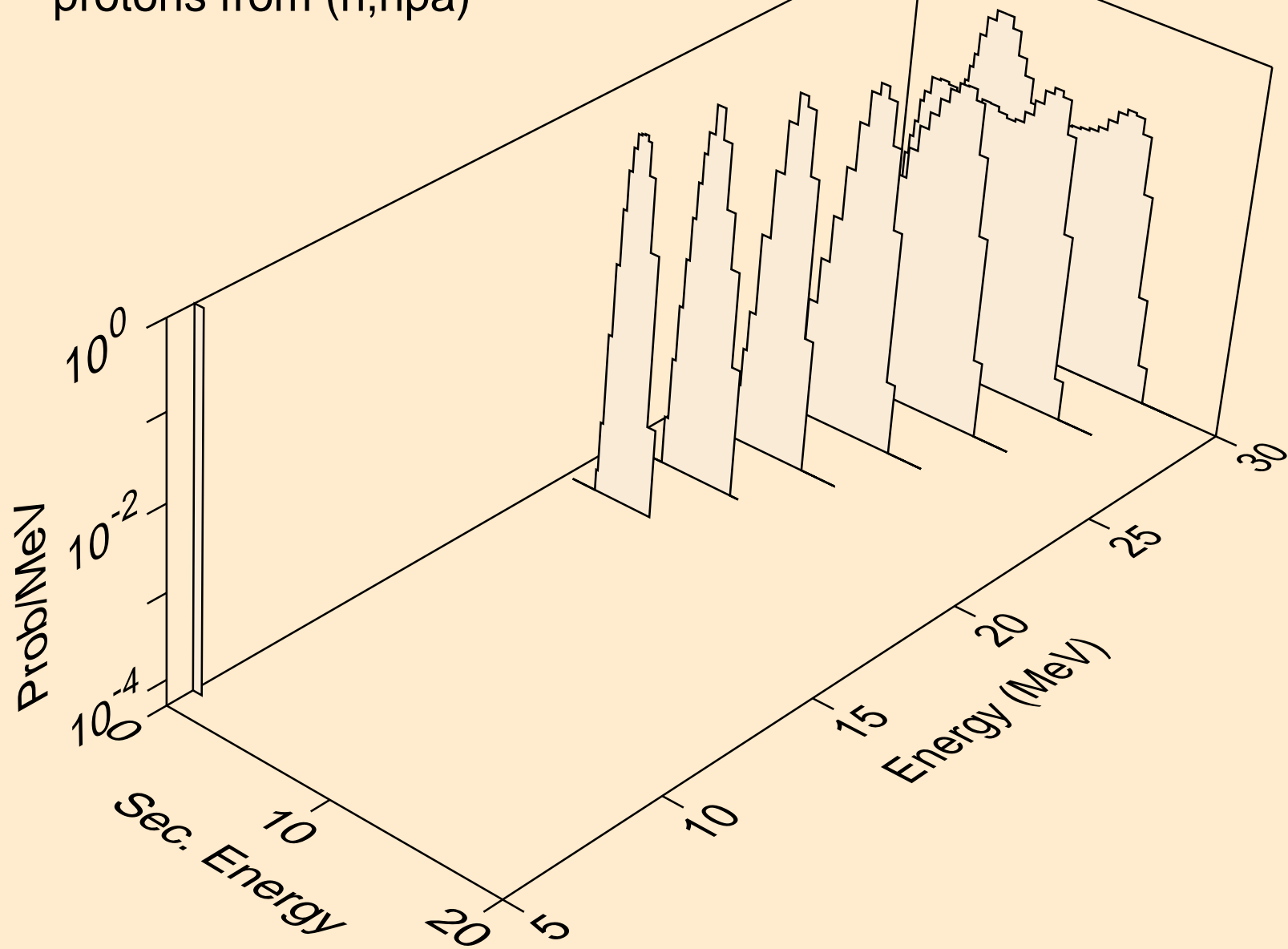
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protons from (n,3np)



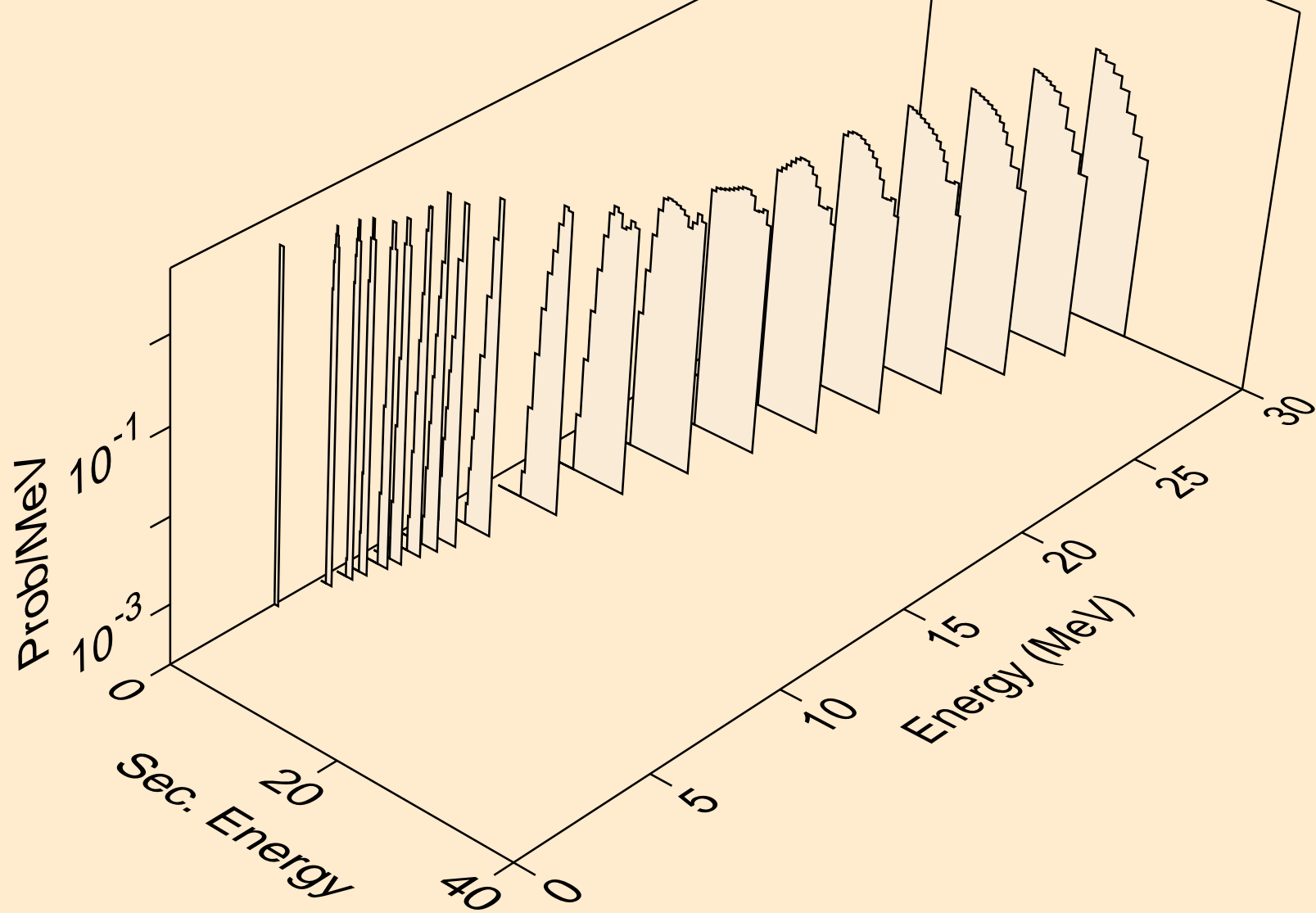
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protons from (n,2np)



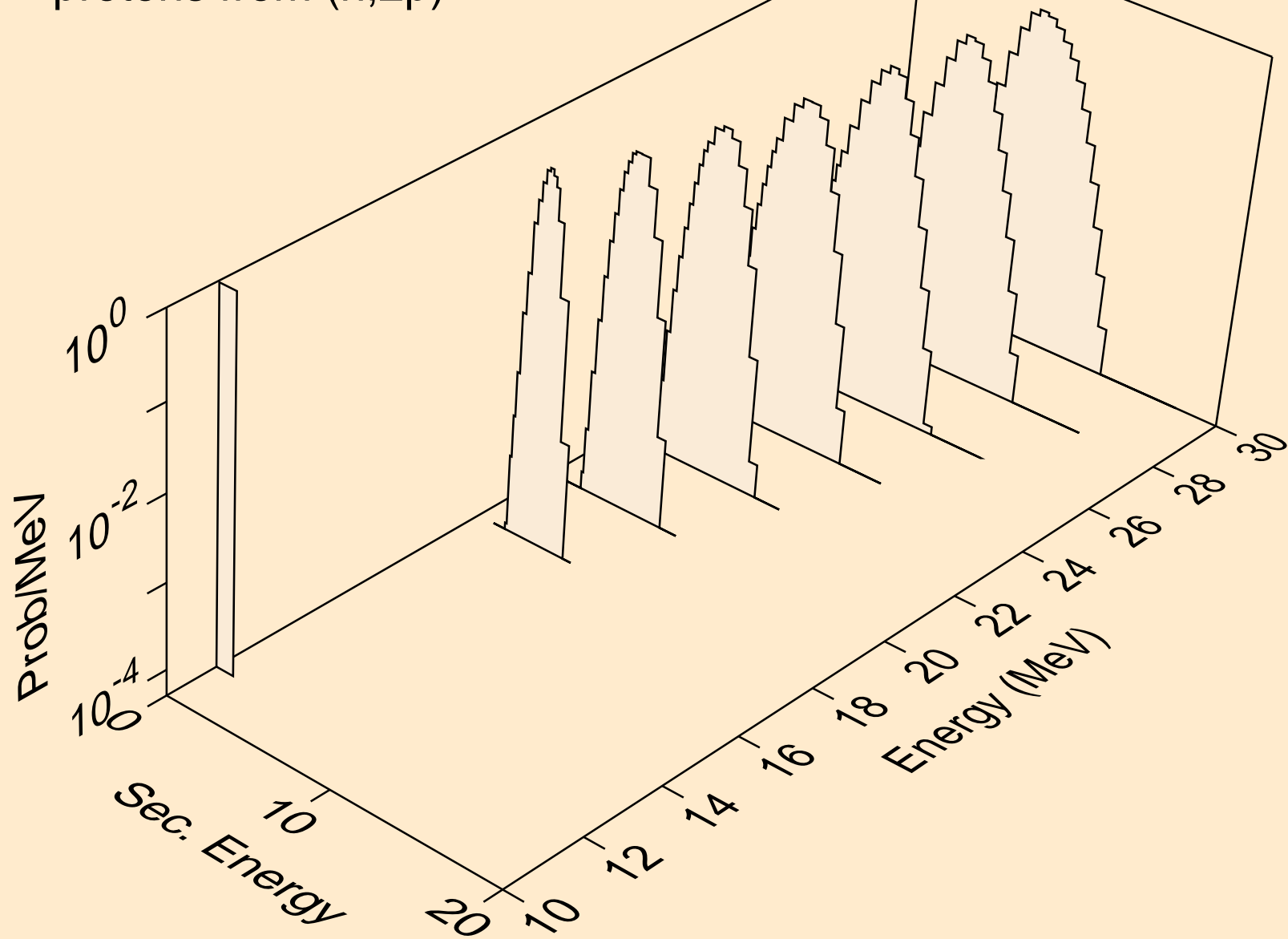
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protons from (n,npa)



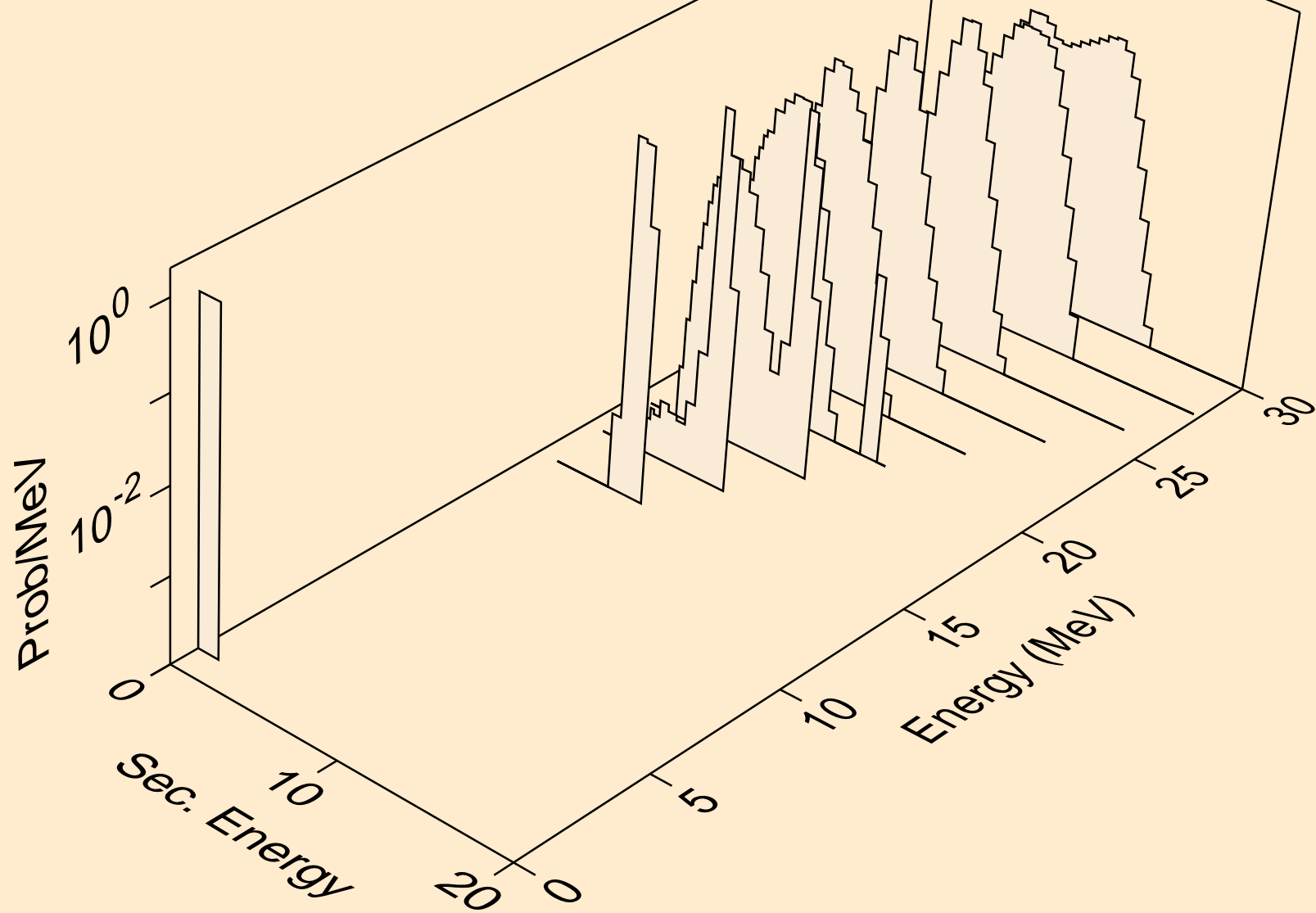
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protons from (n,p)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

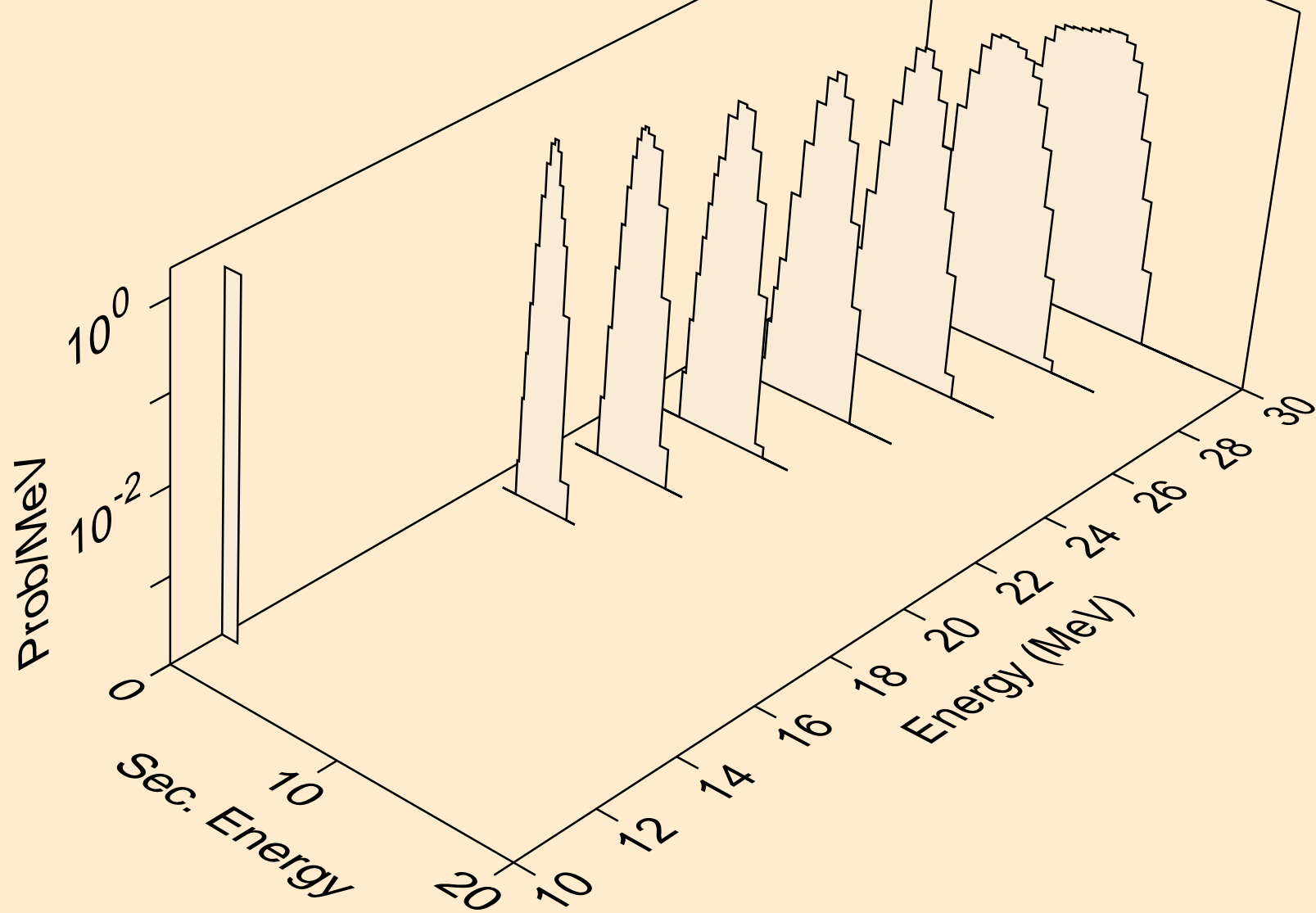


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protons from (n,p)

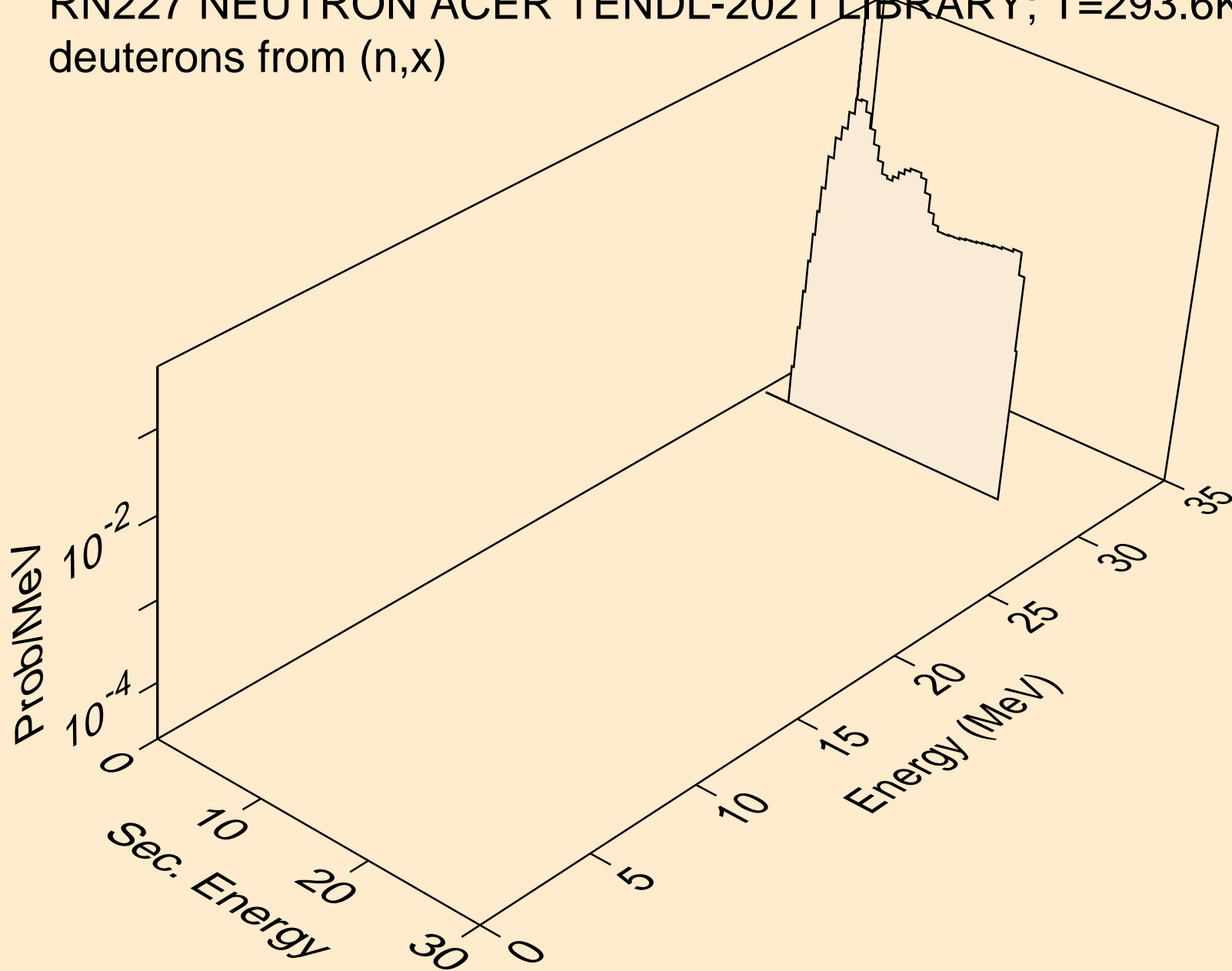




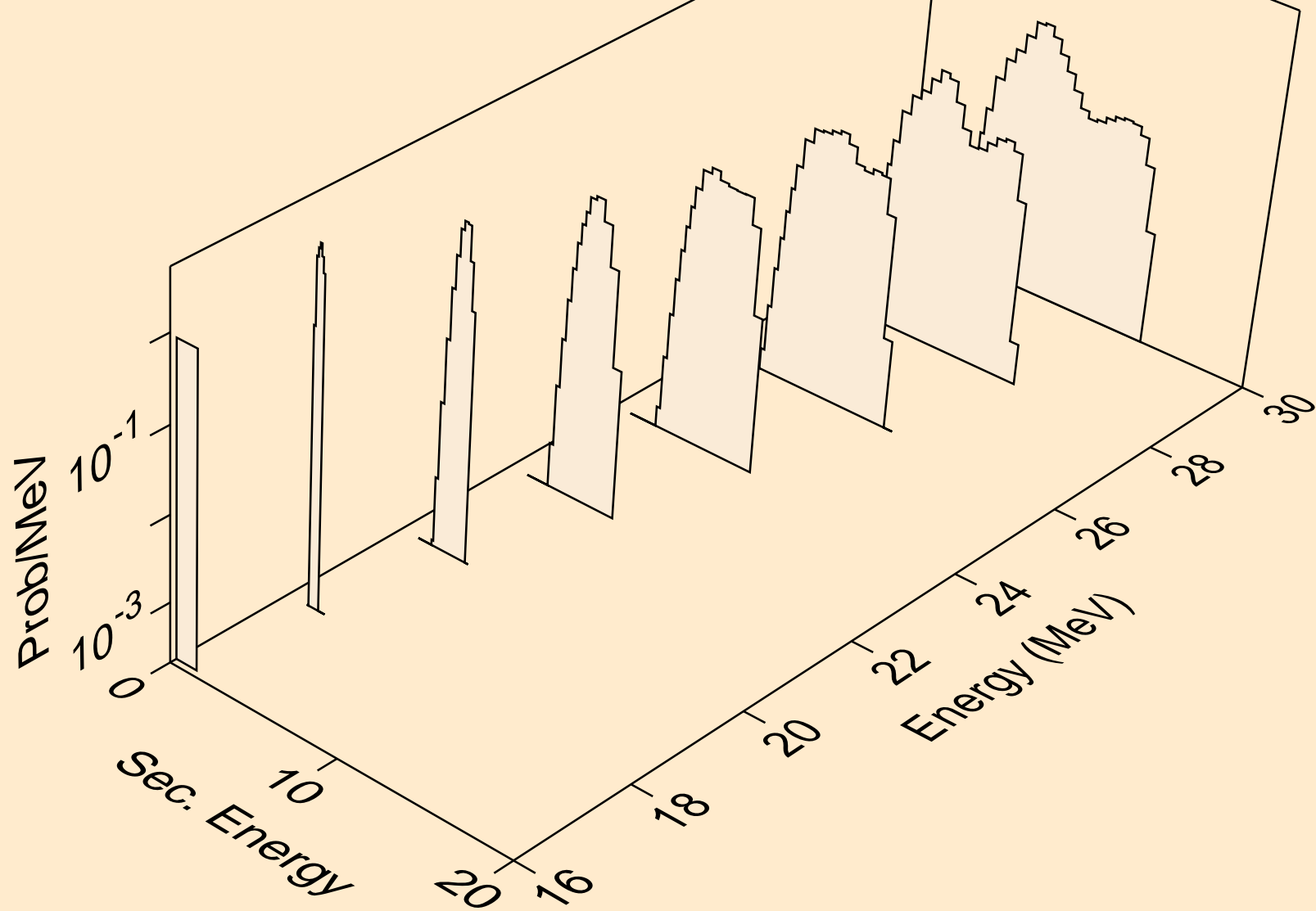
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protons from (n,pt)



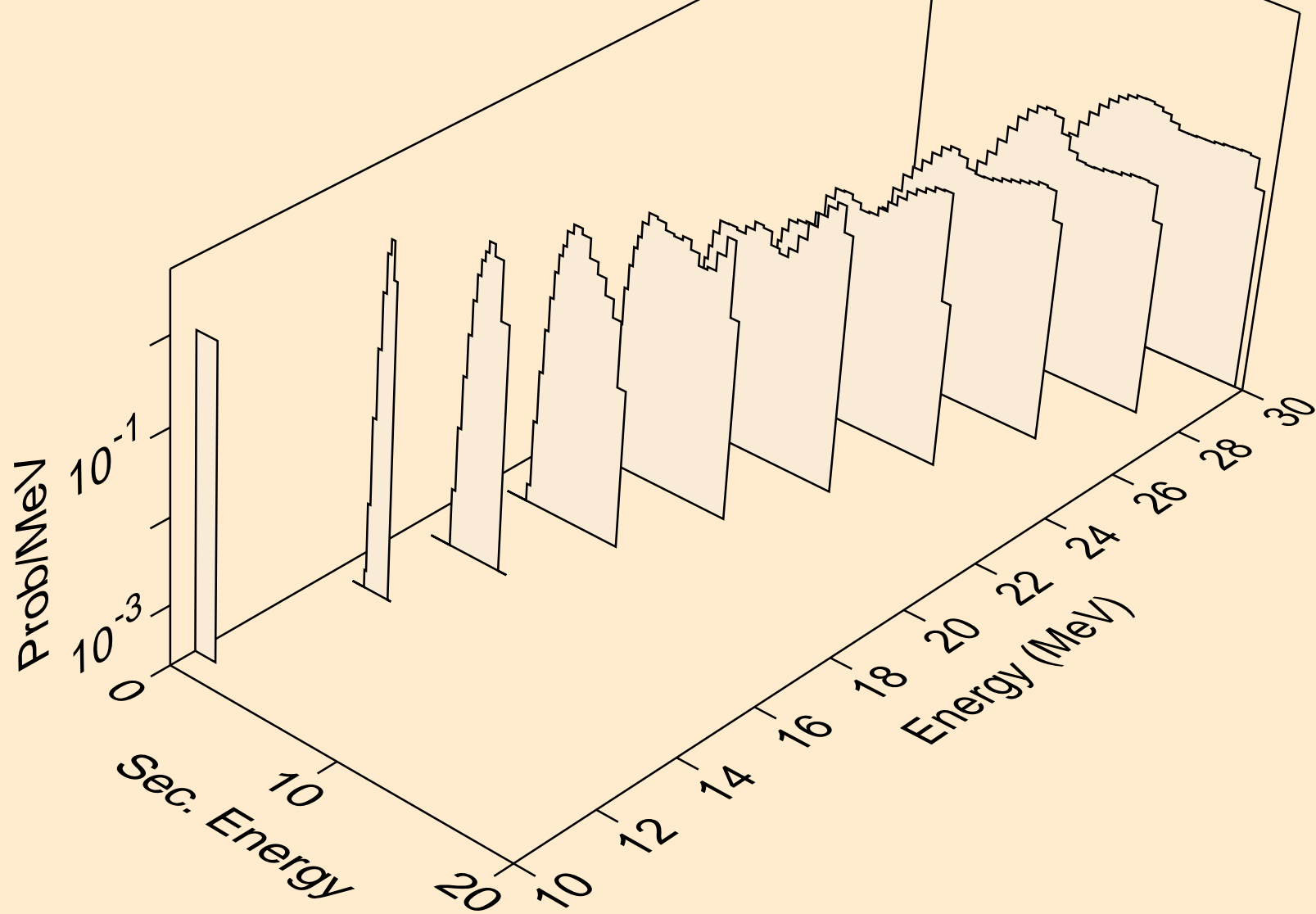
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deuterons from (n,x)



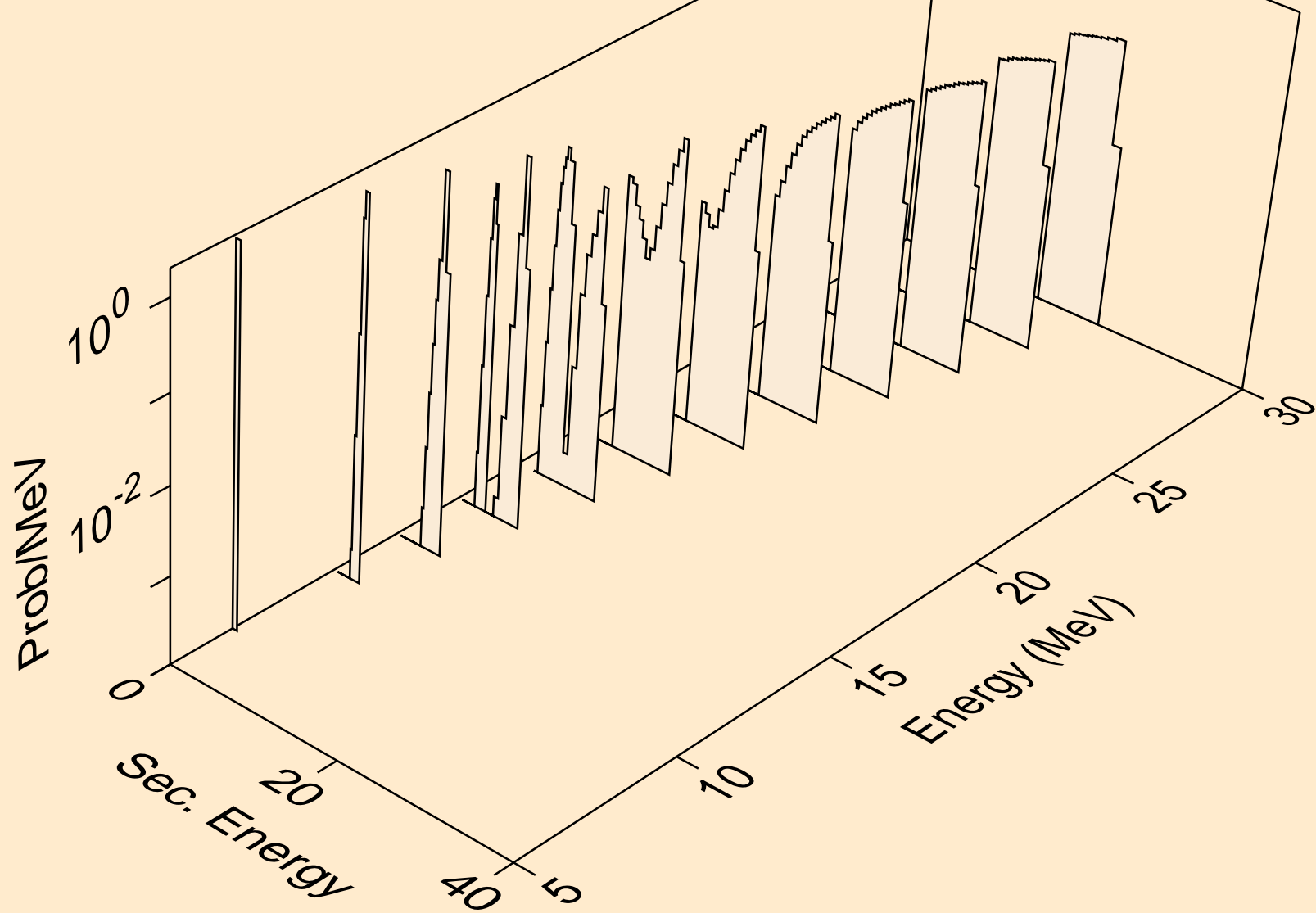
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deuterons from (n,2nd)



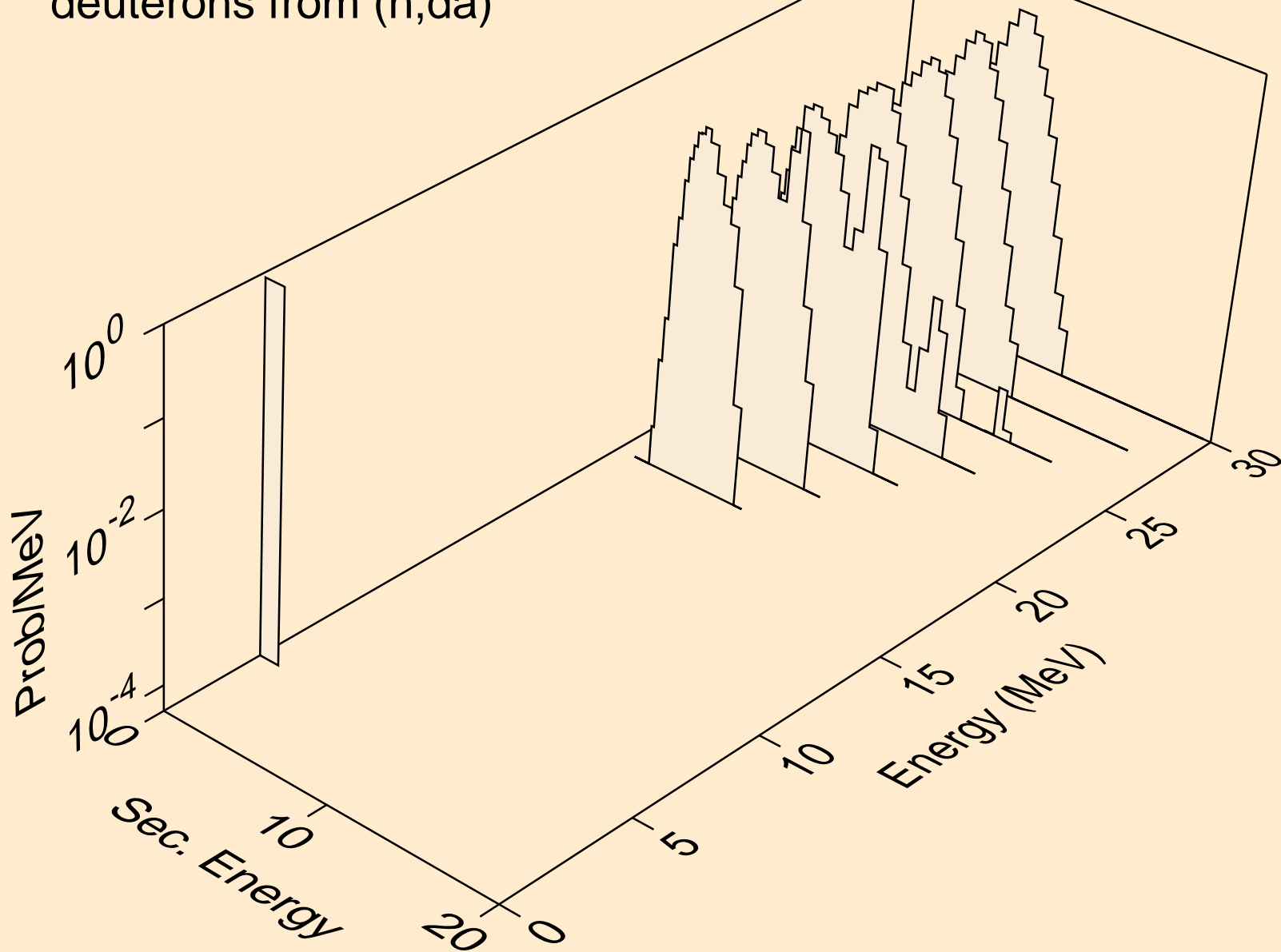
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



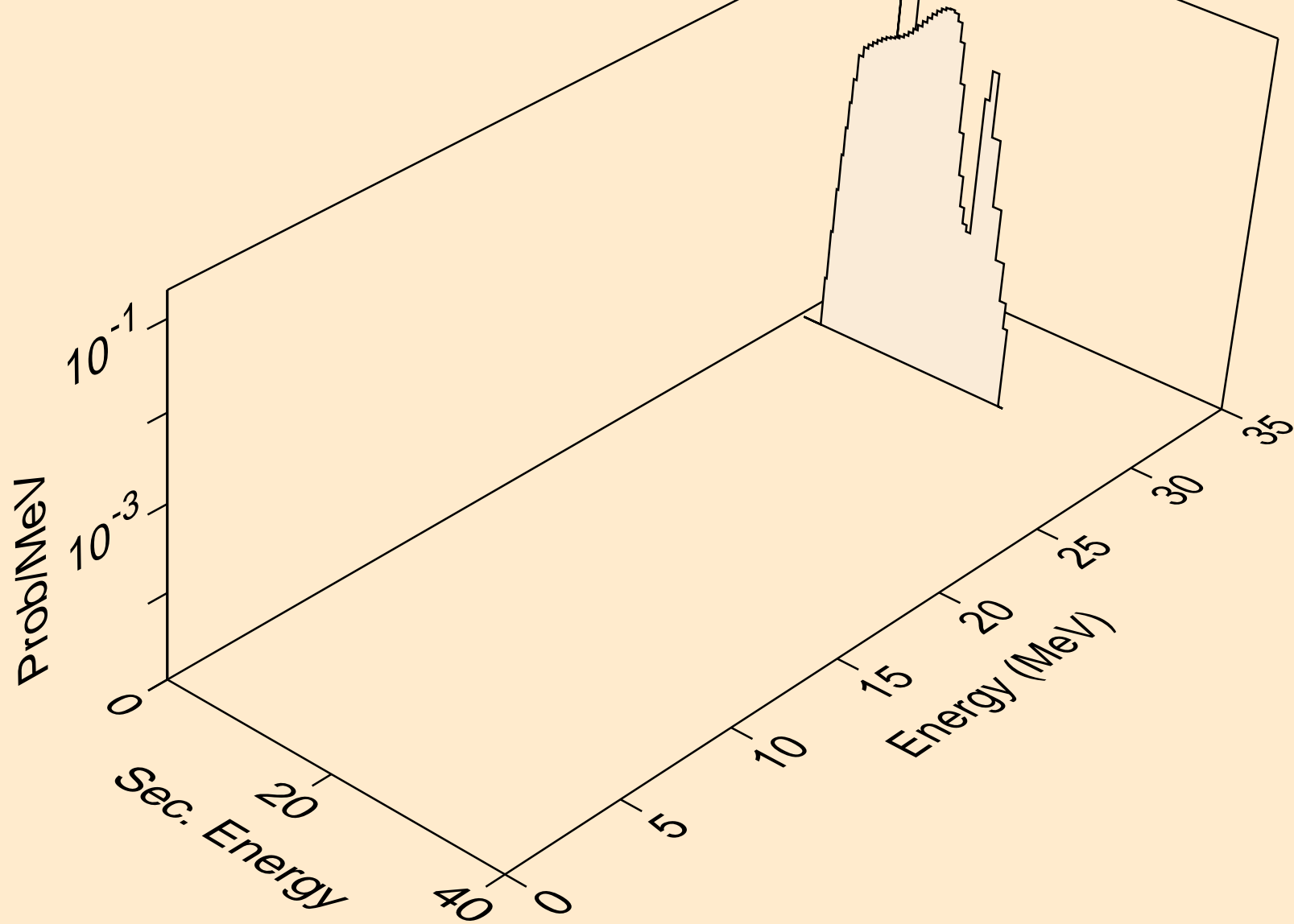
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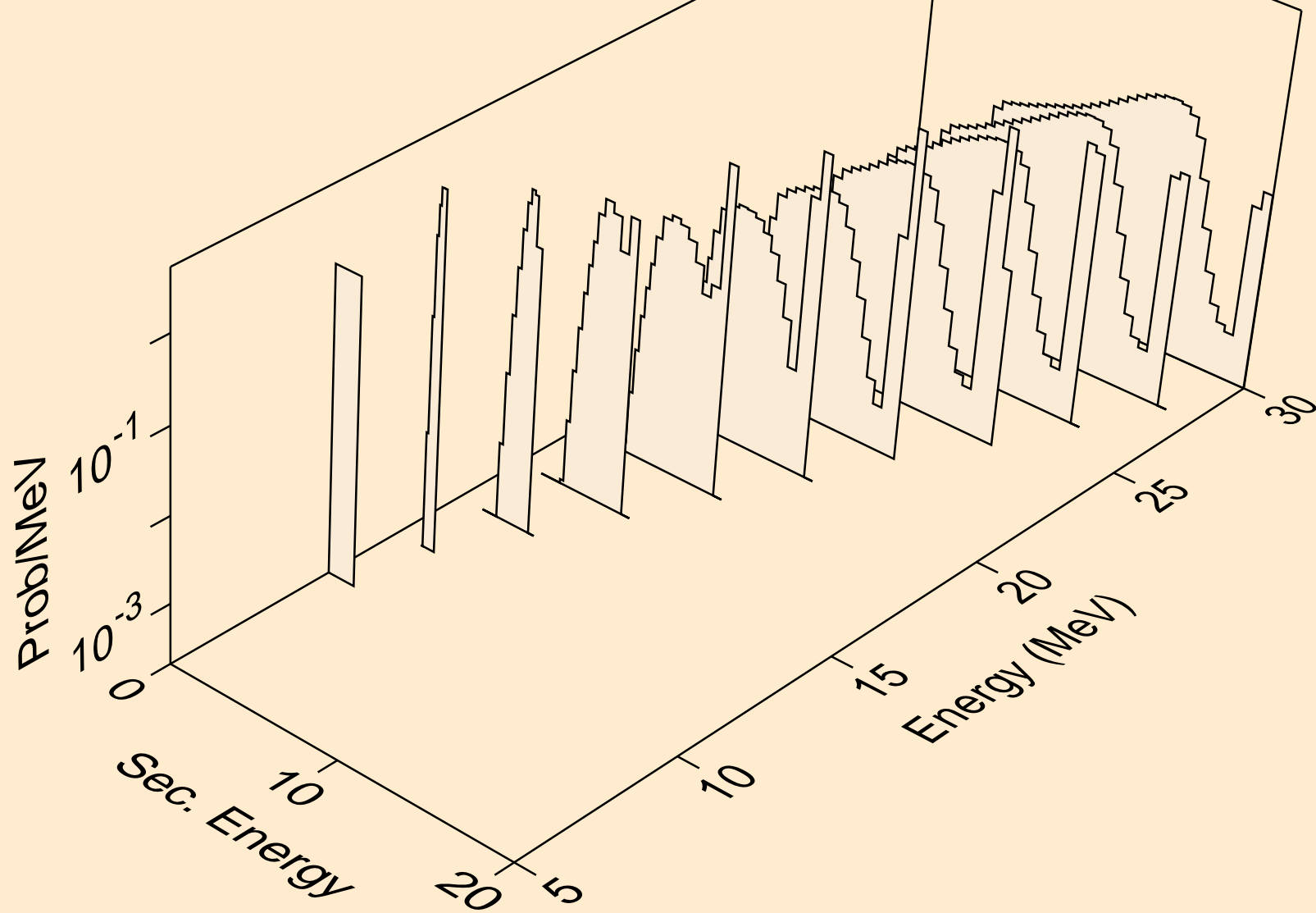
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

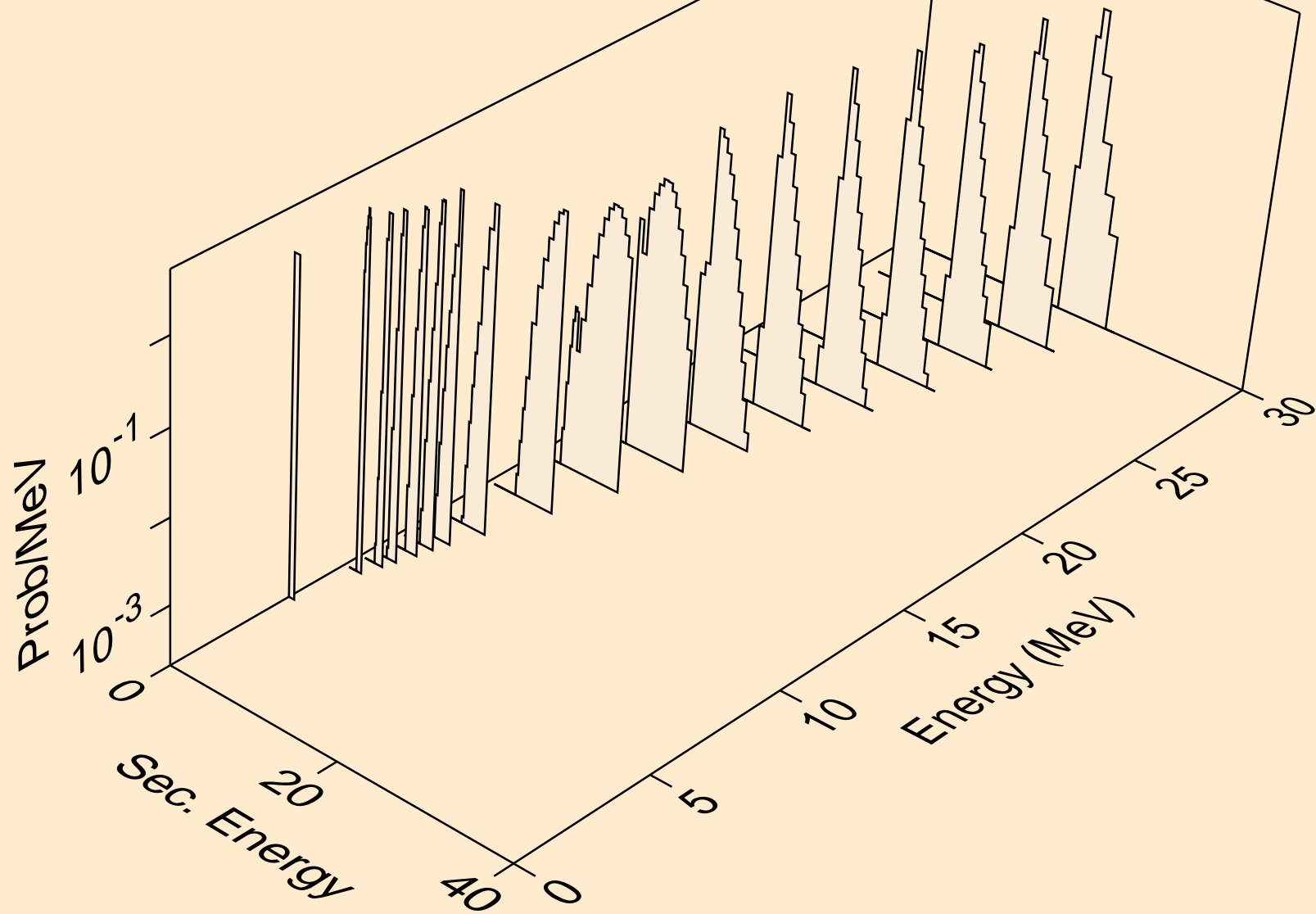


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

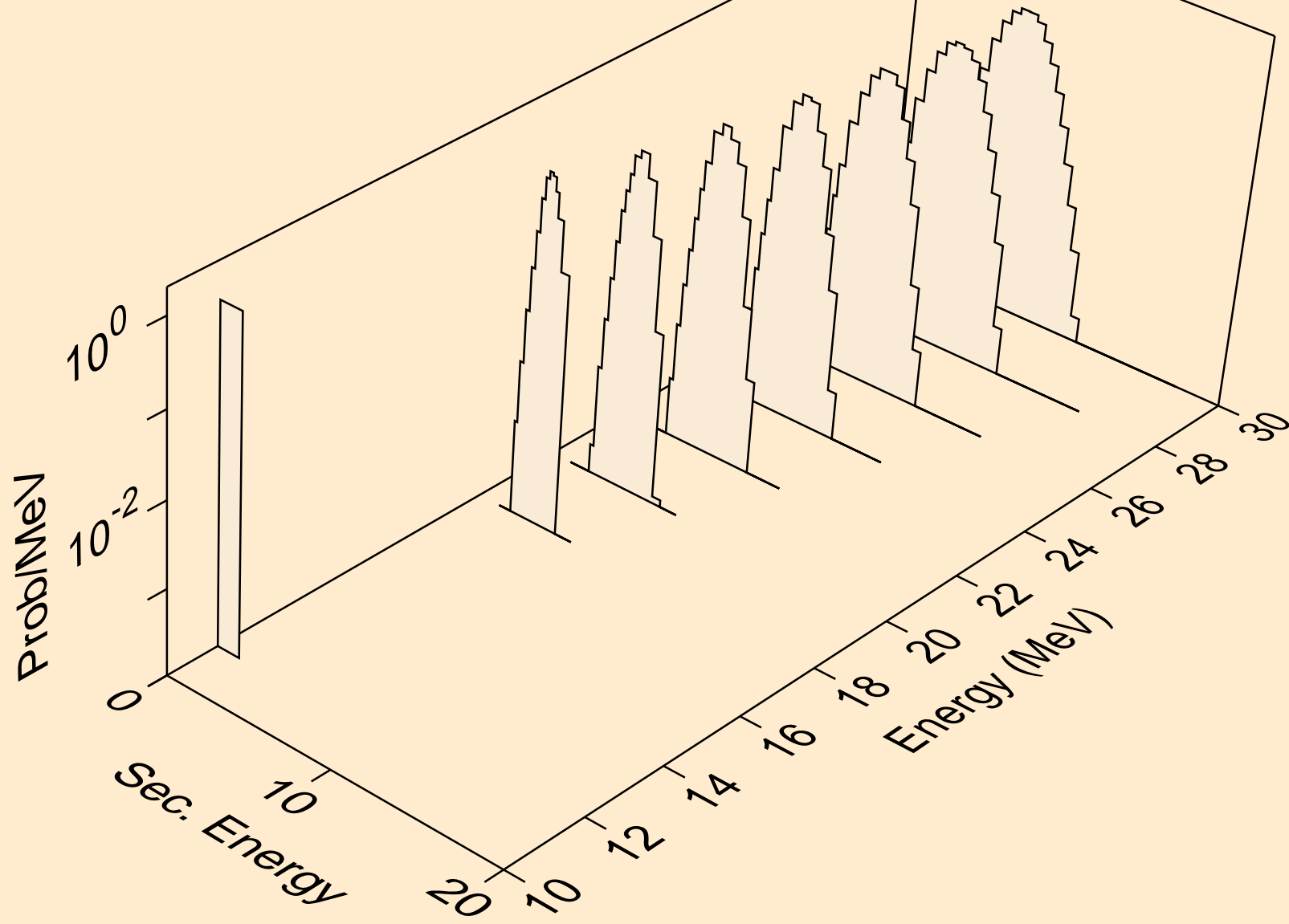




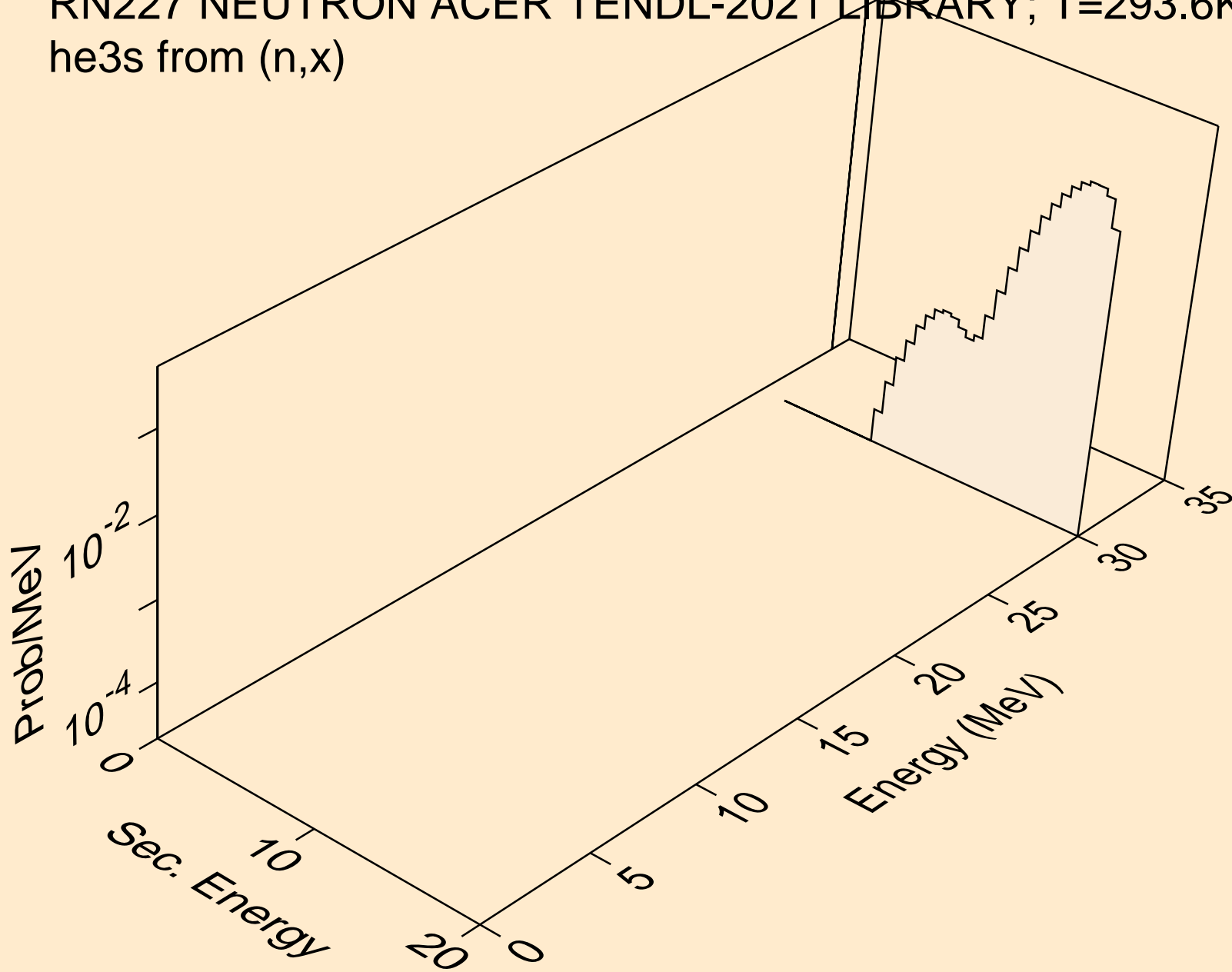
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tritons from (n,t)



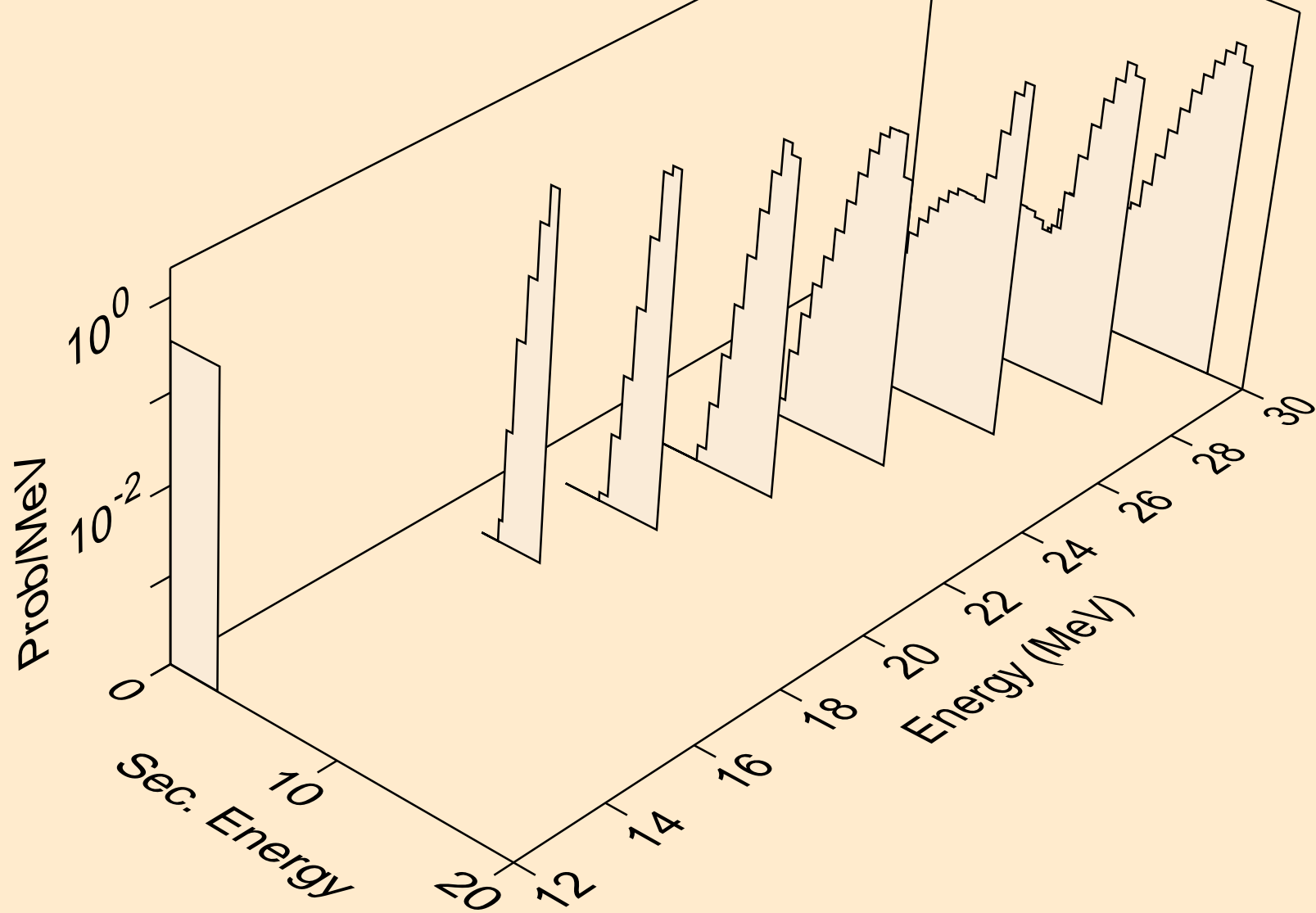
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tritons from (n,pt)



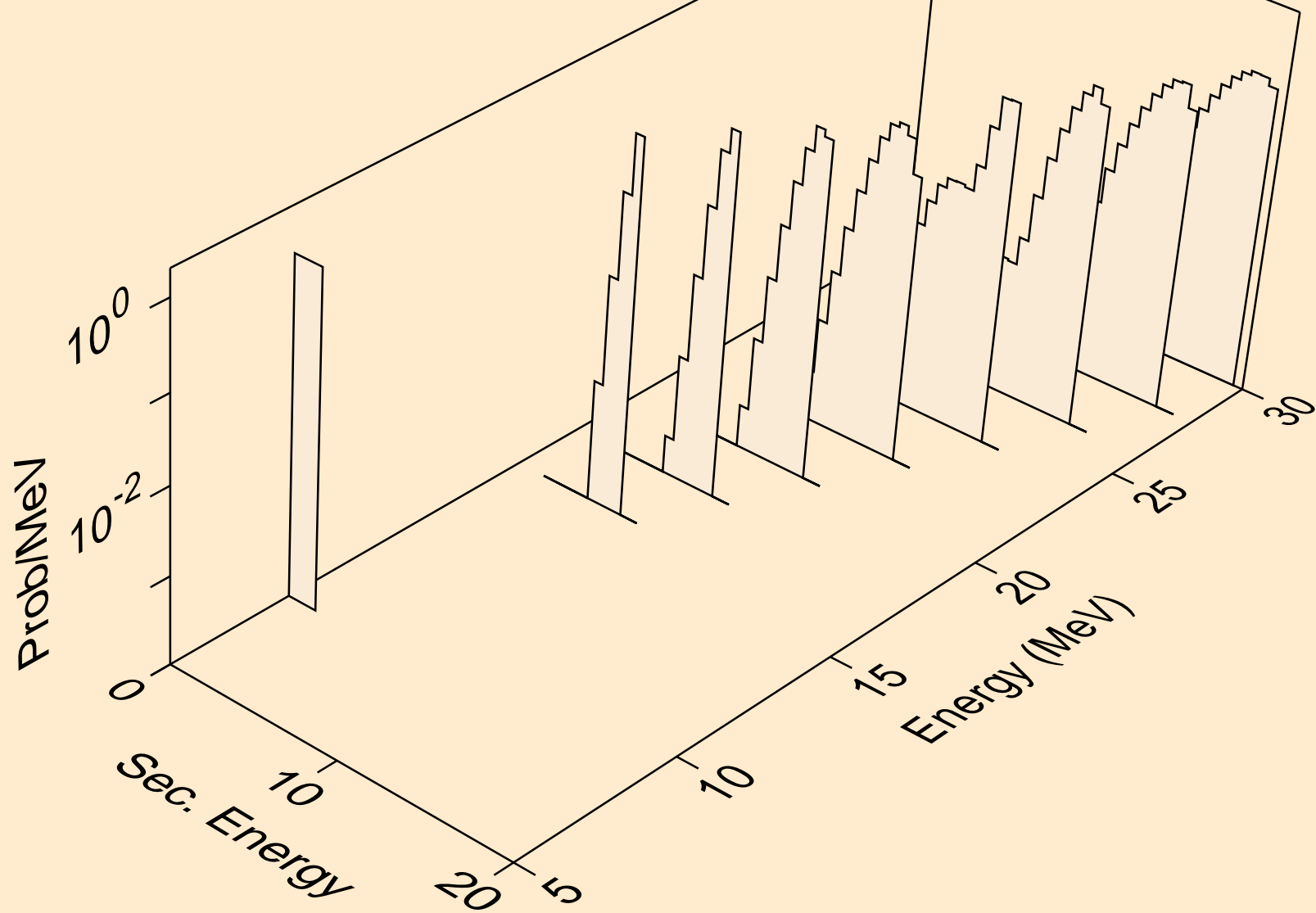
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



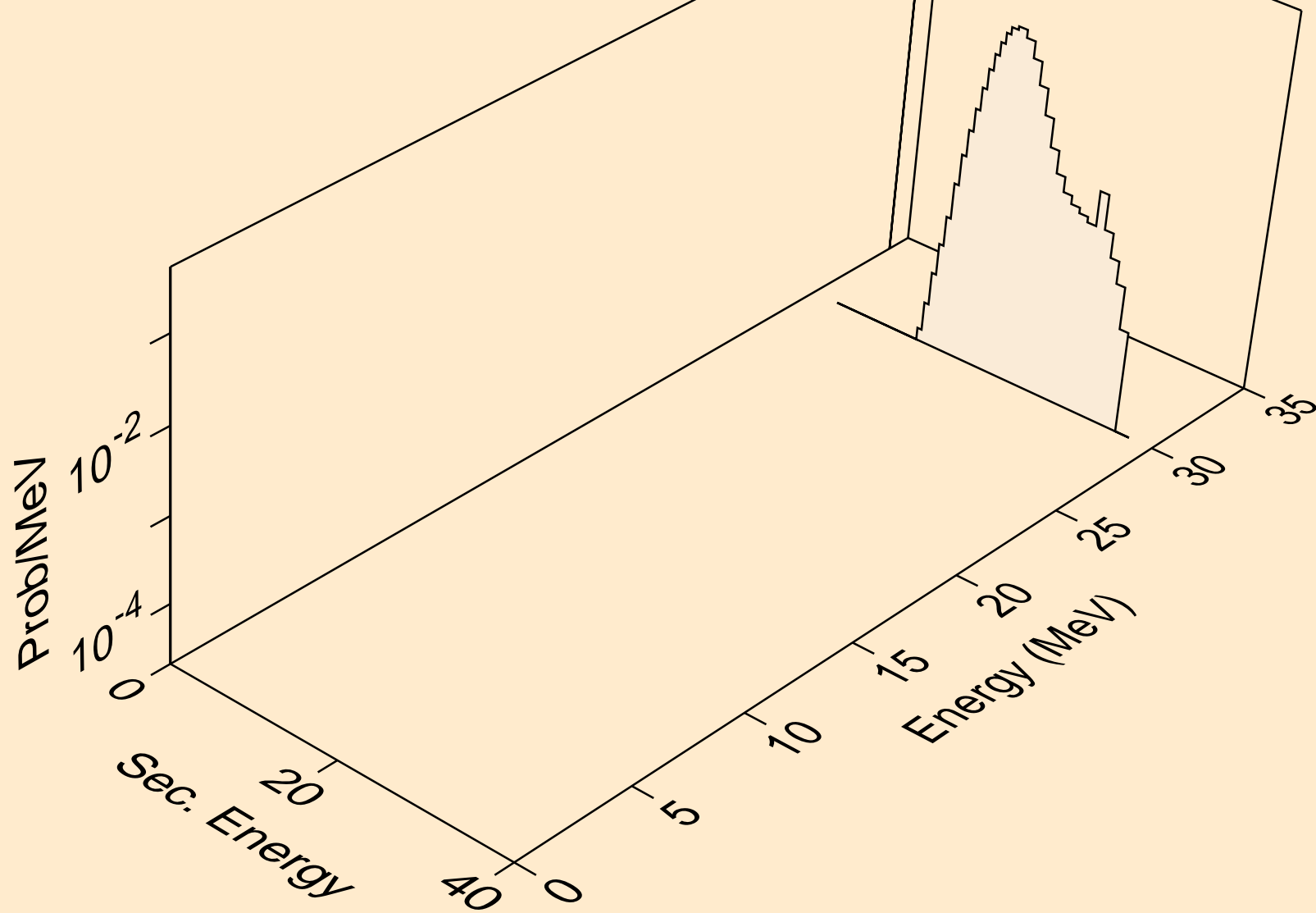
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he3s from (n,n\*)he3



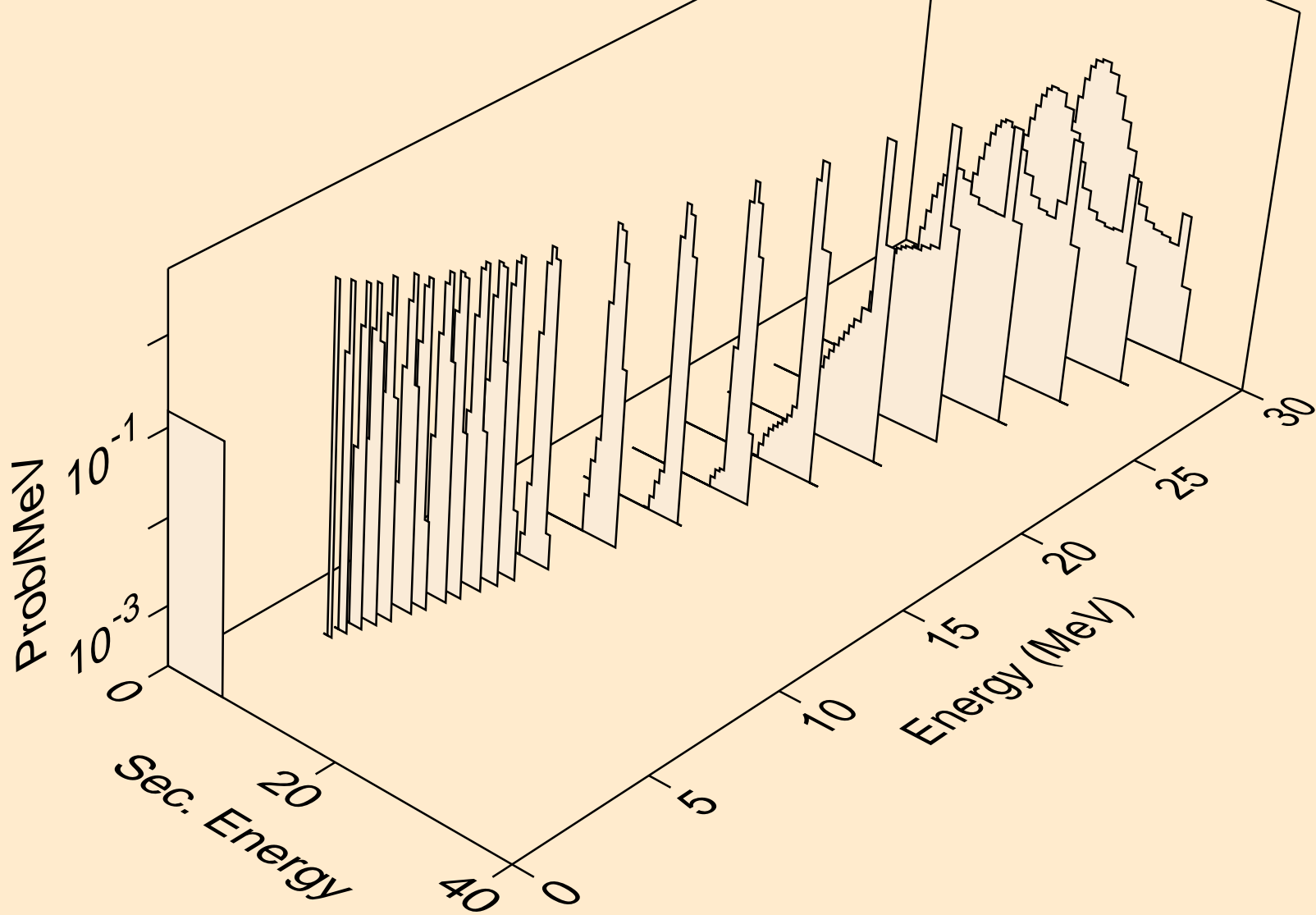
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he3s from (n,he3)



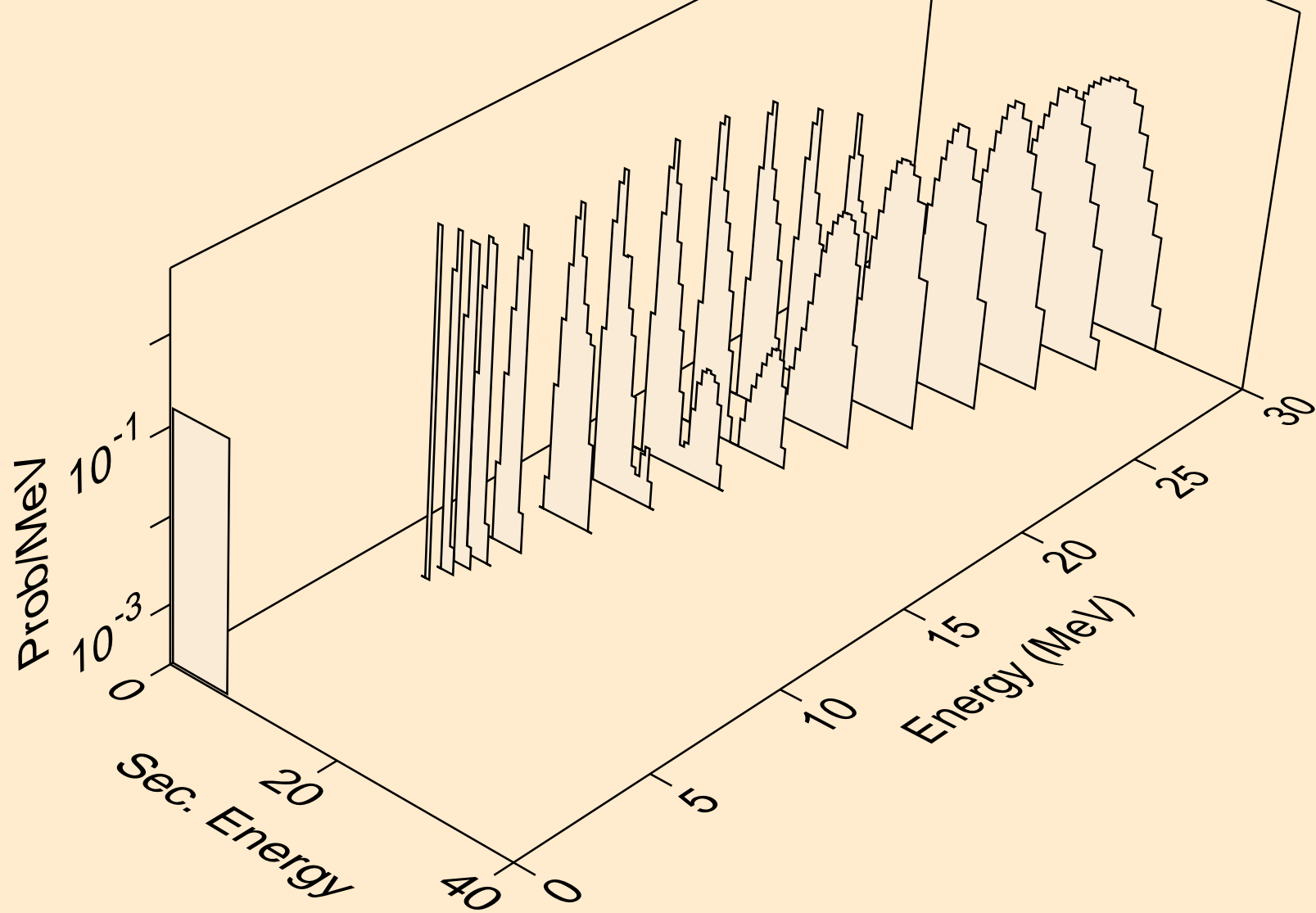
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

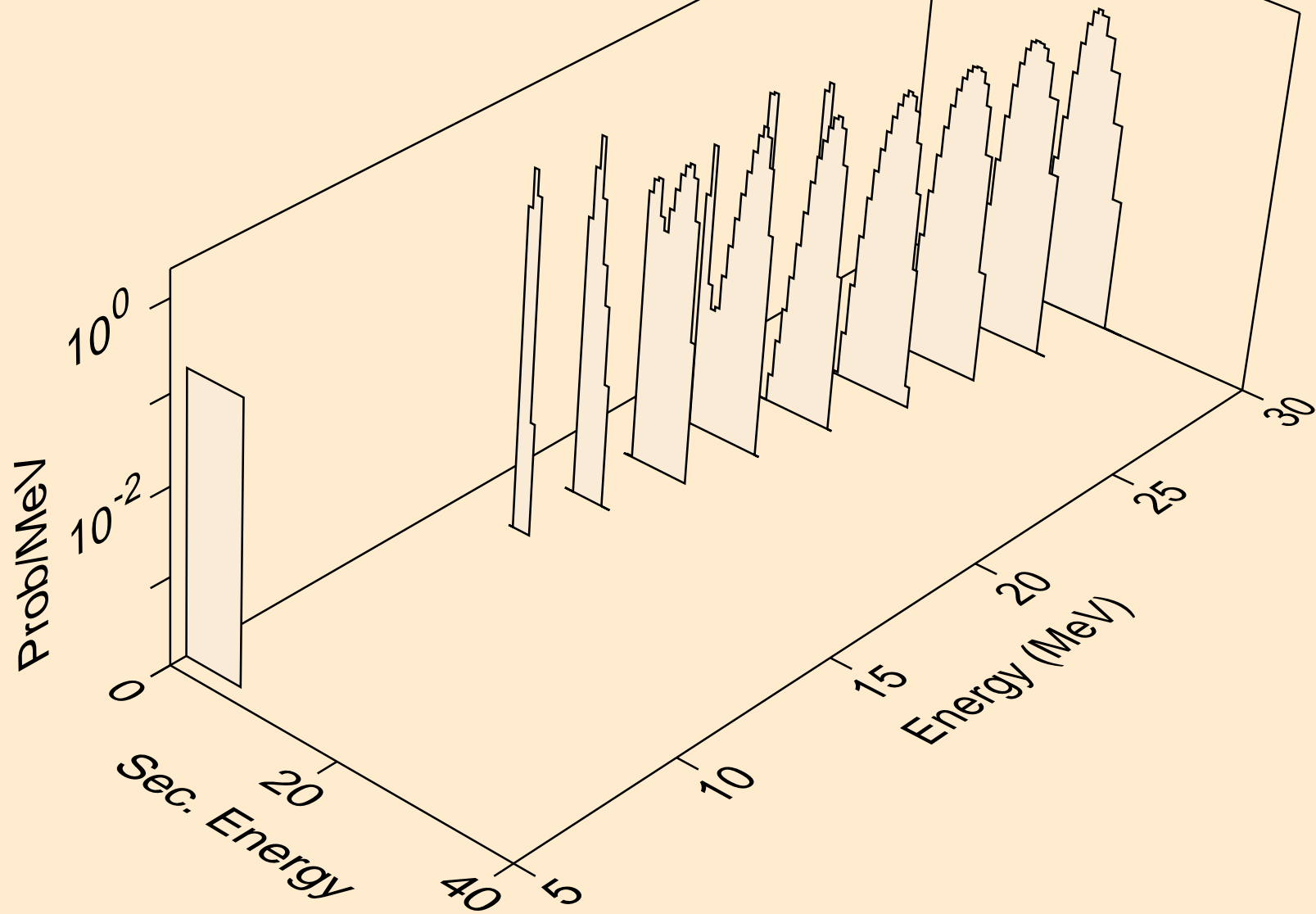


RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

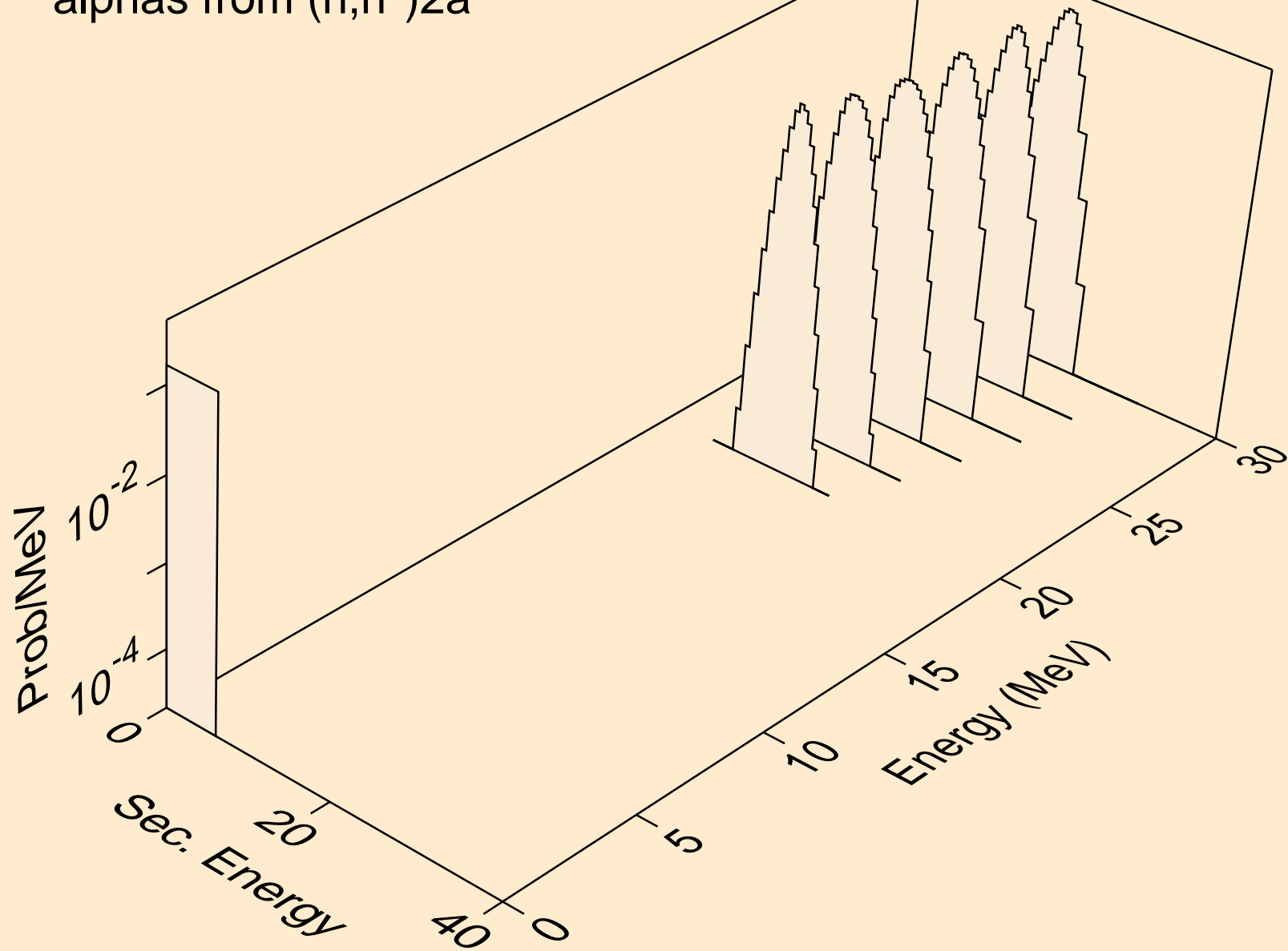




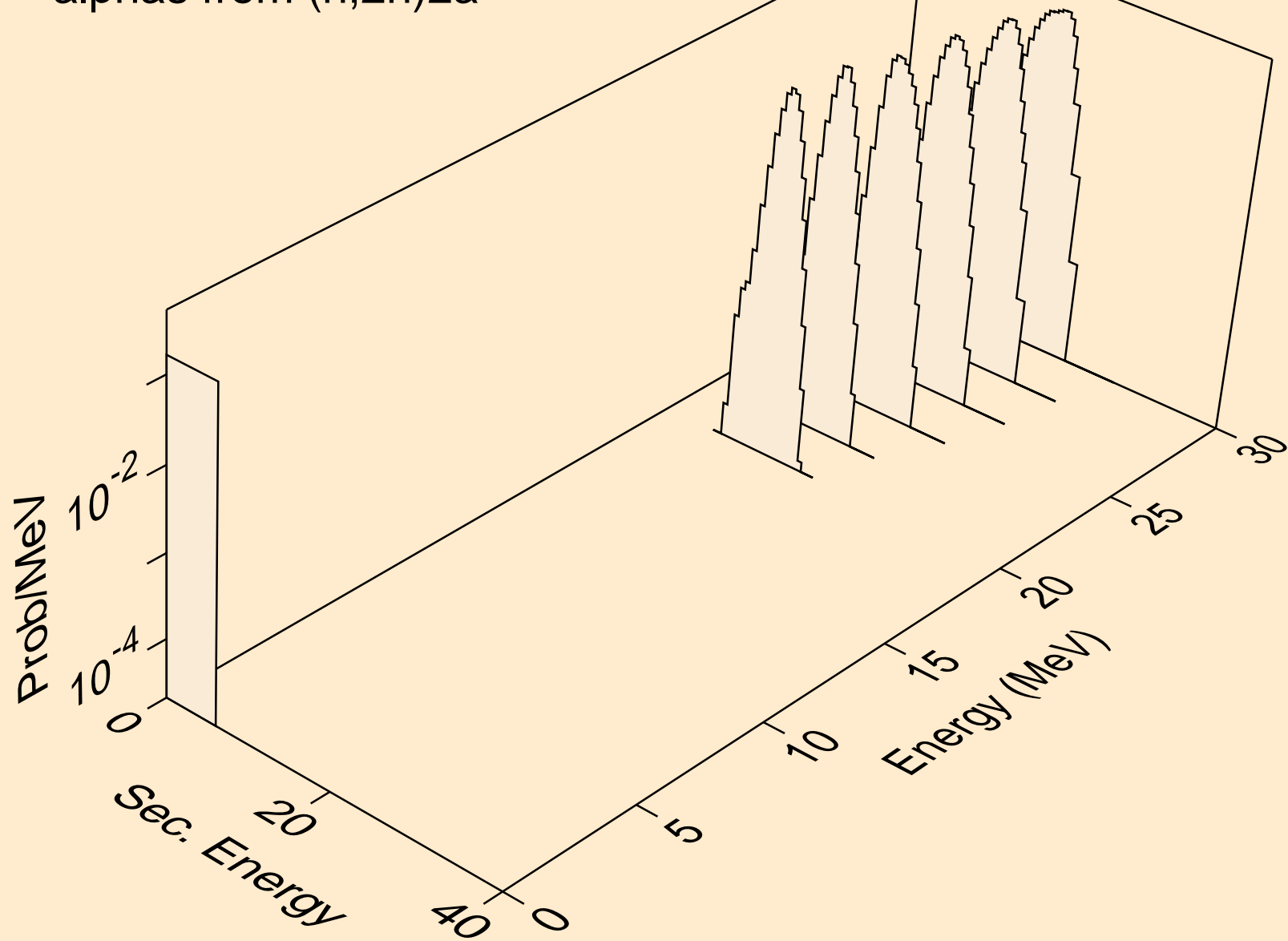
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



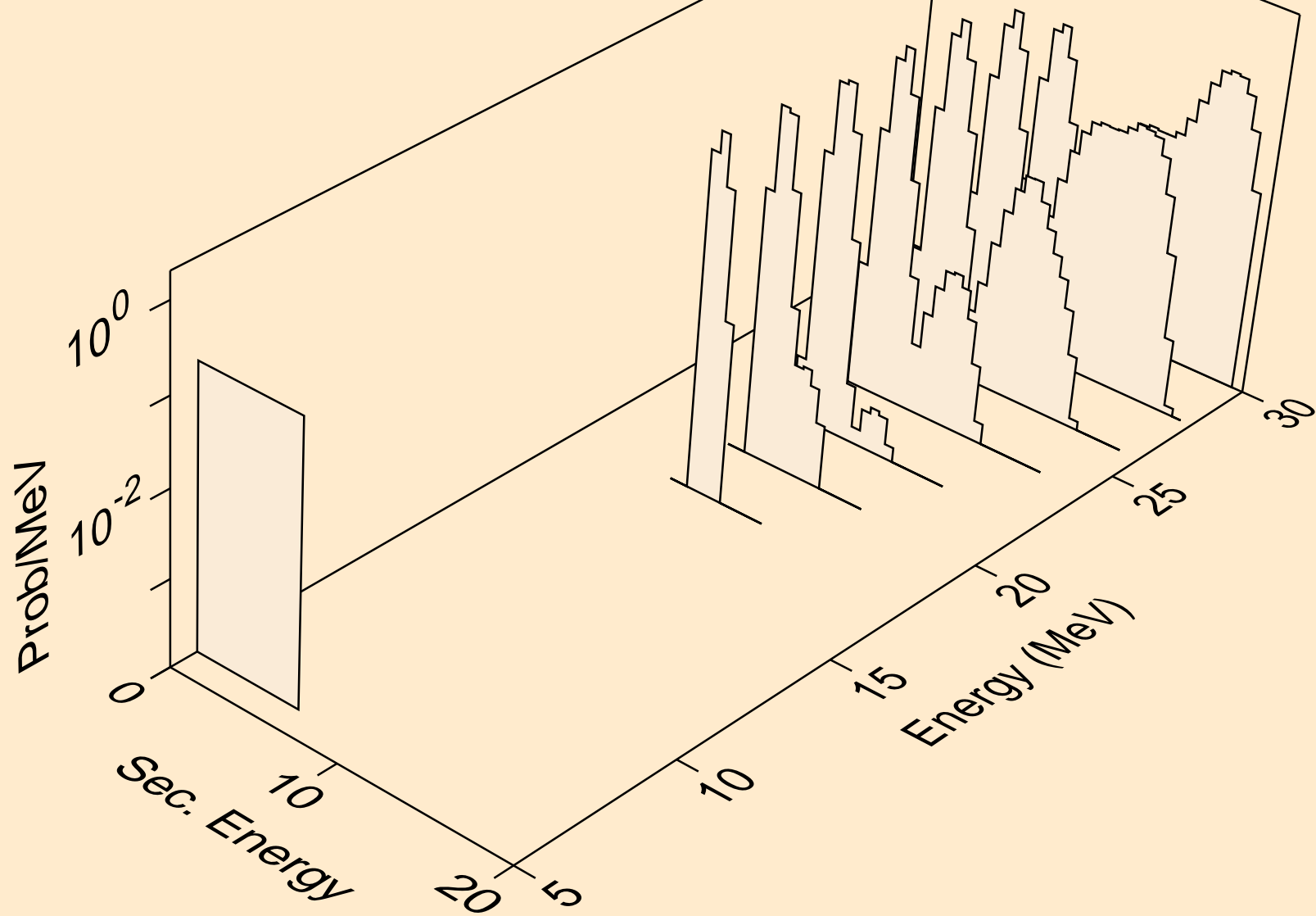
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alphas from (n,n\*)2a



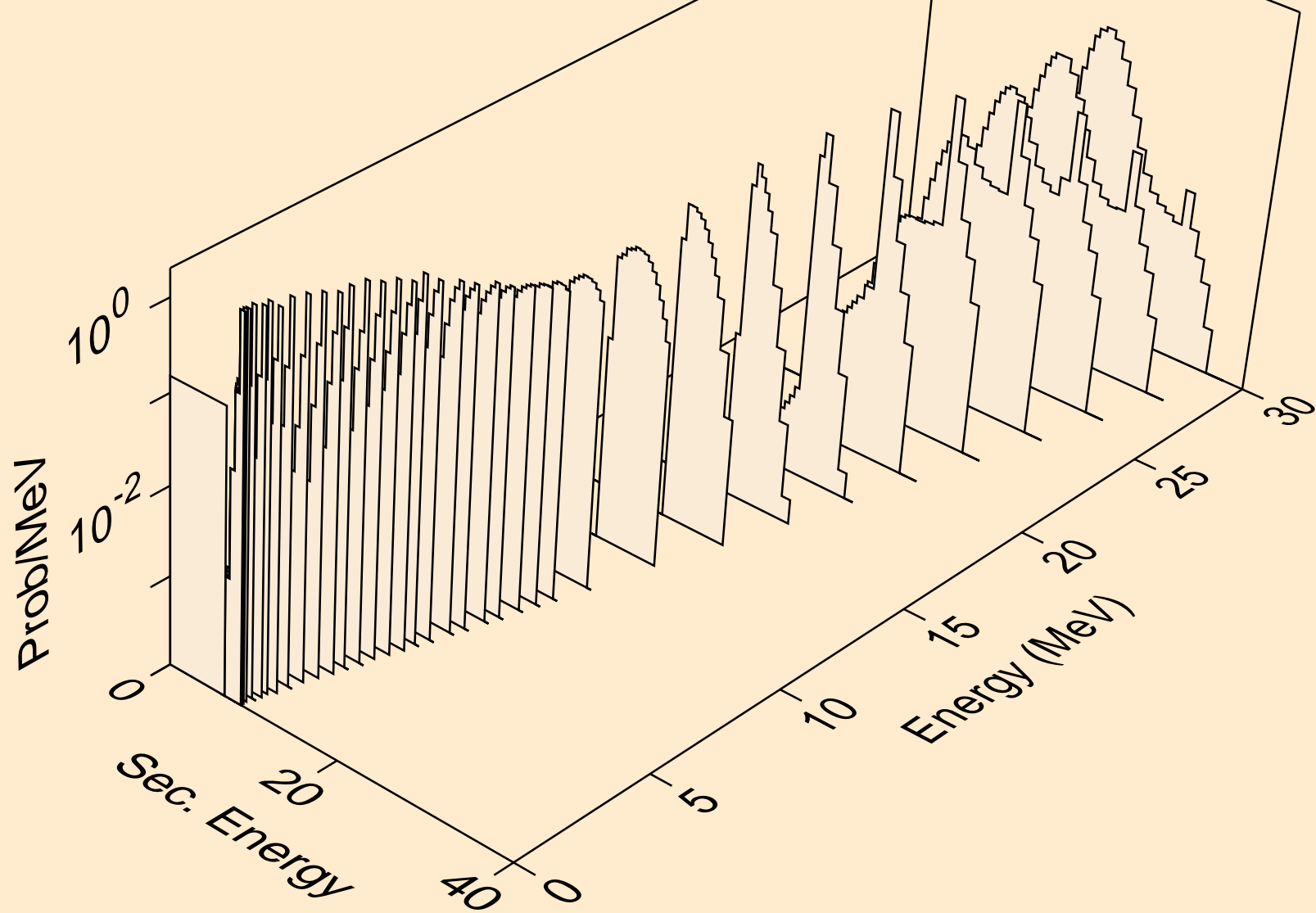
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alphas from (n,2n)2a



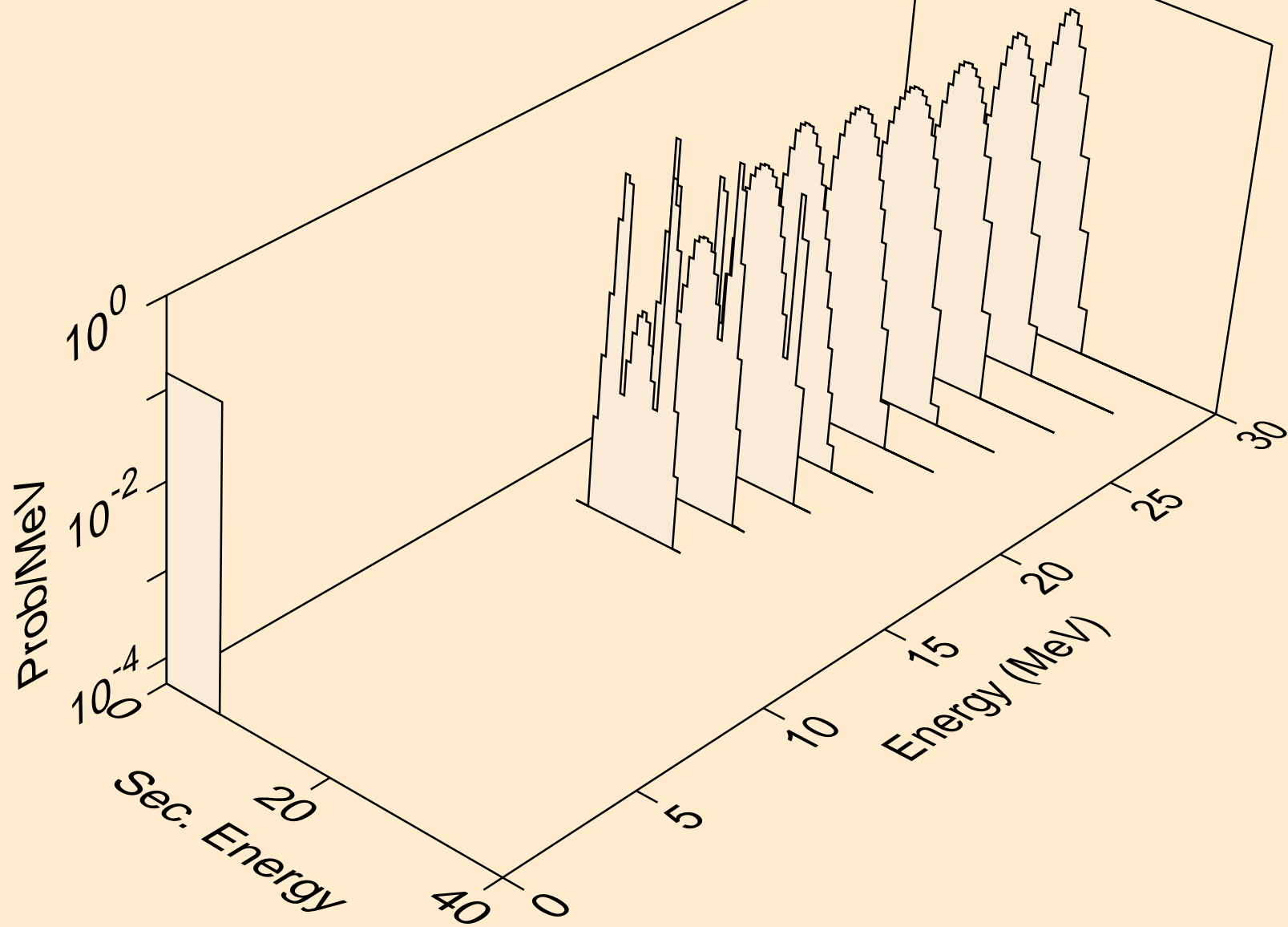
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alphas from (n,npa)



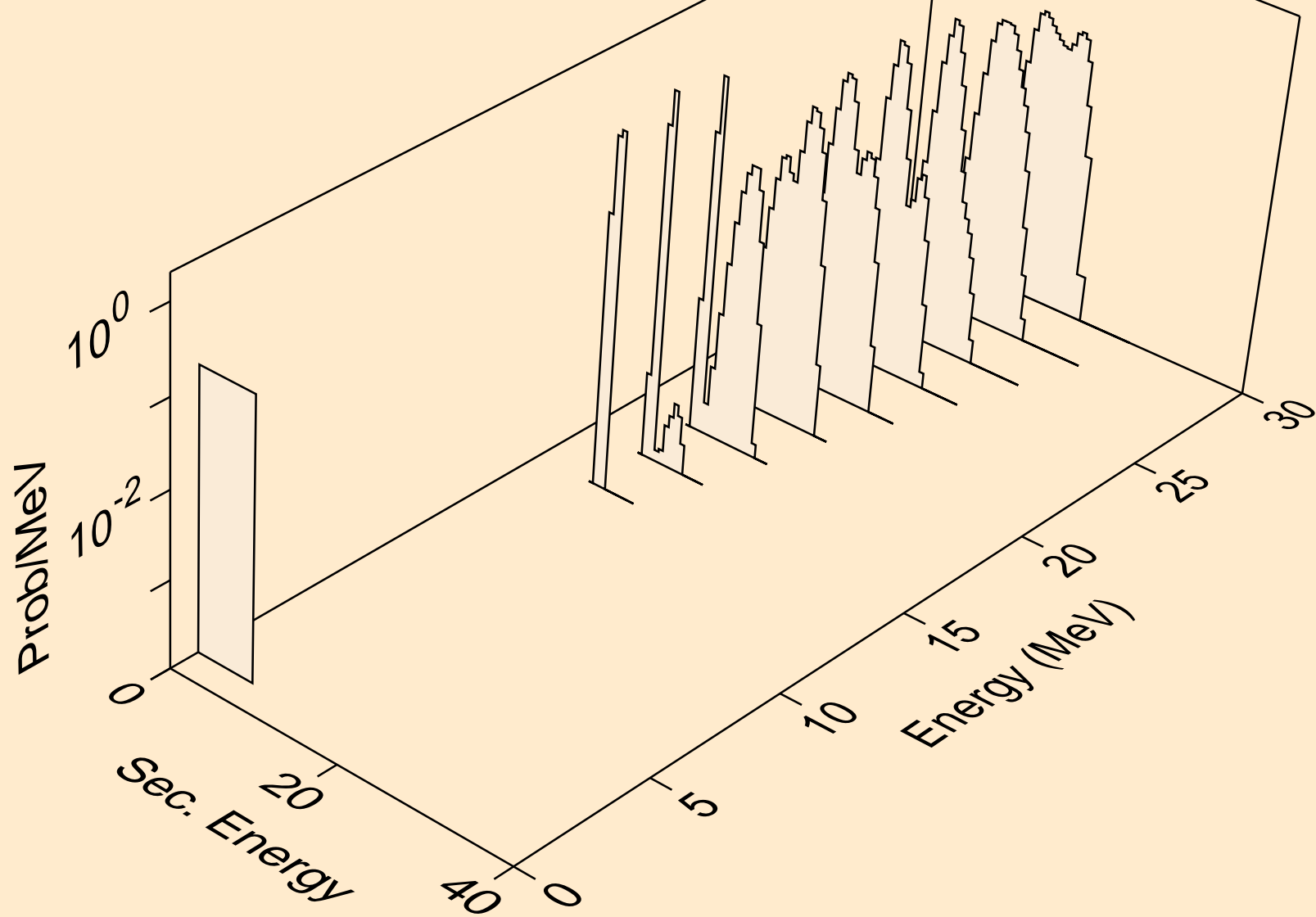
RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



RN227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

