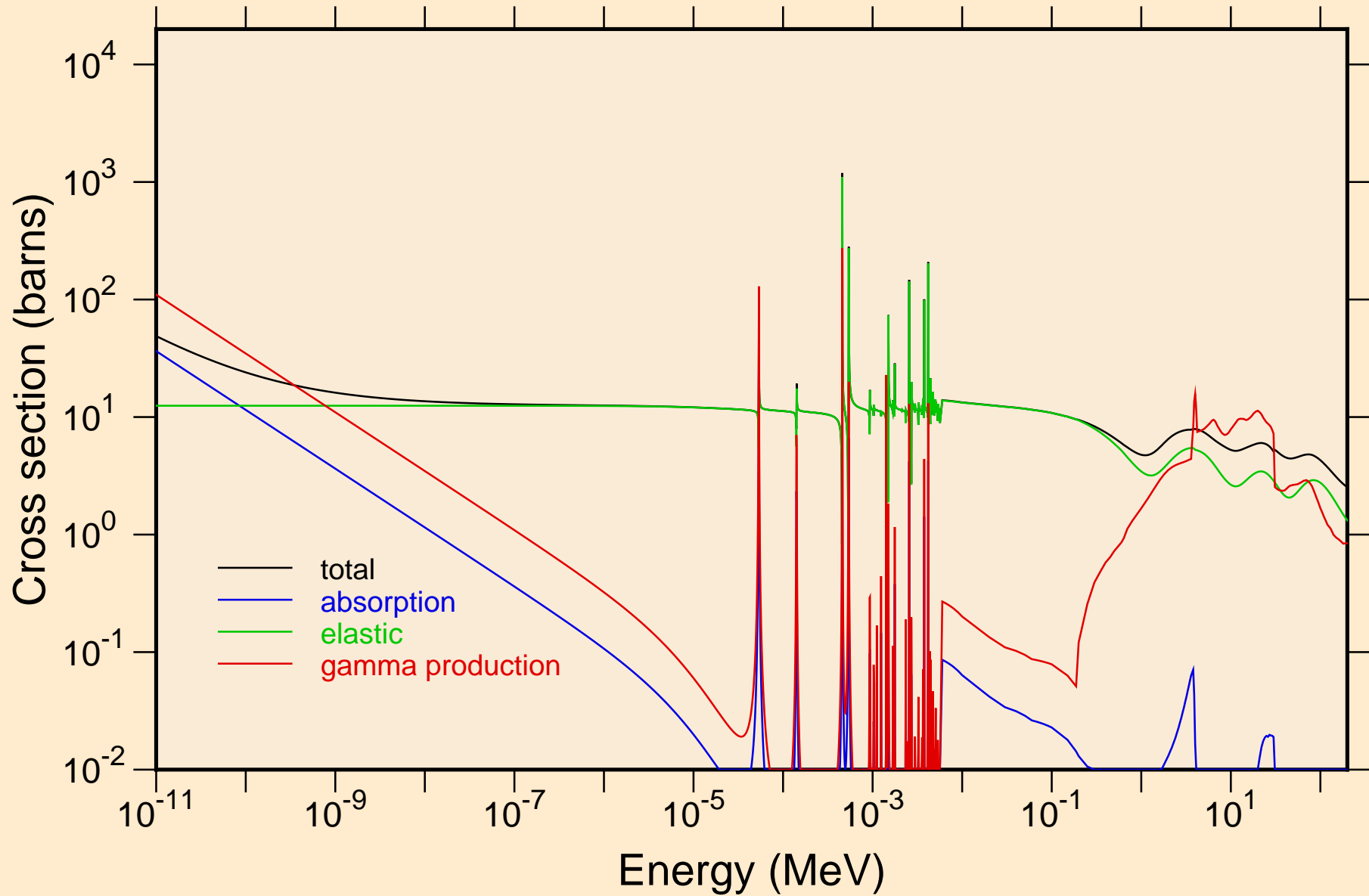
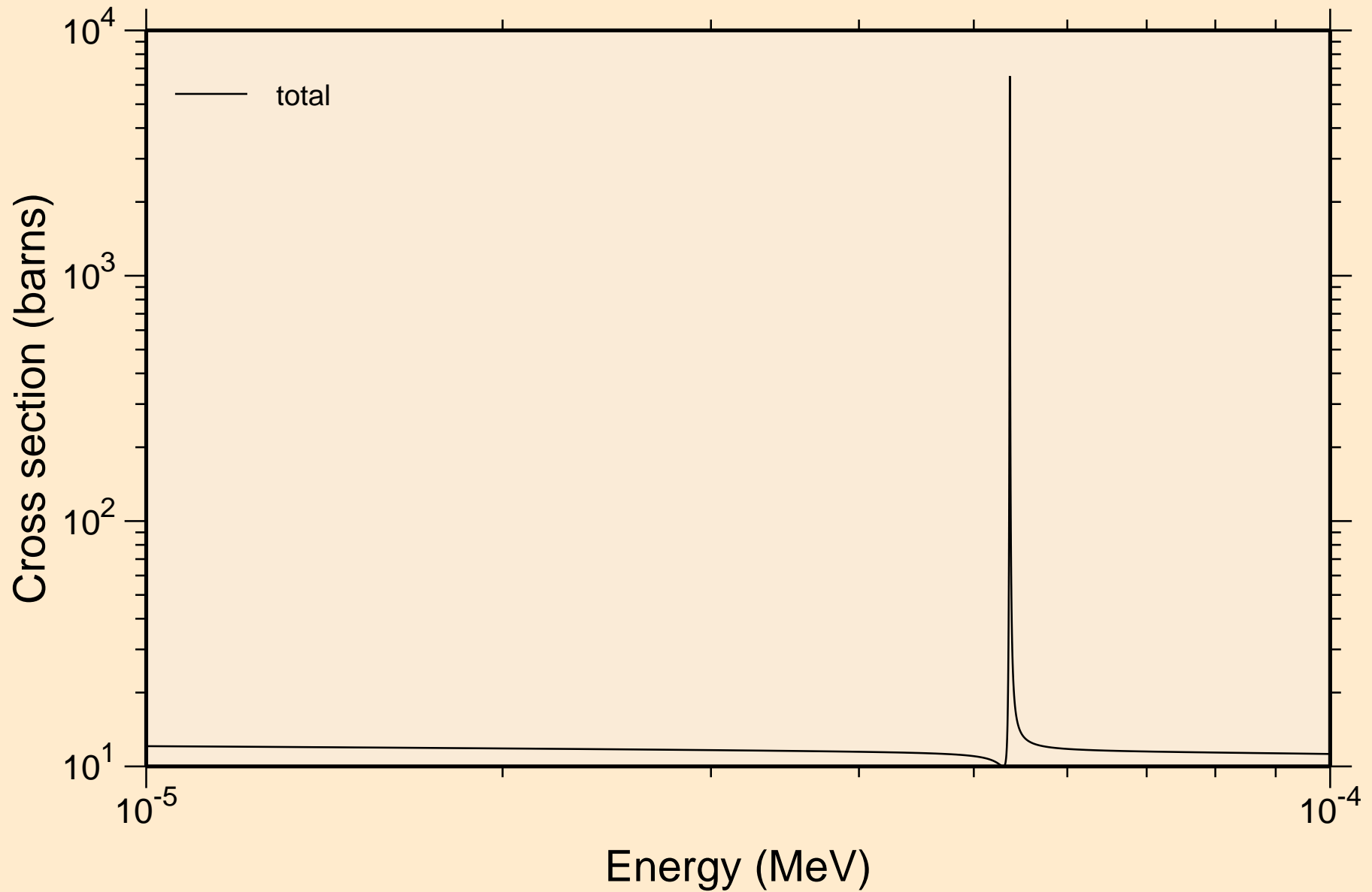


# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

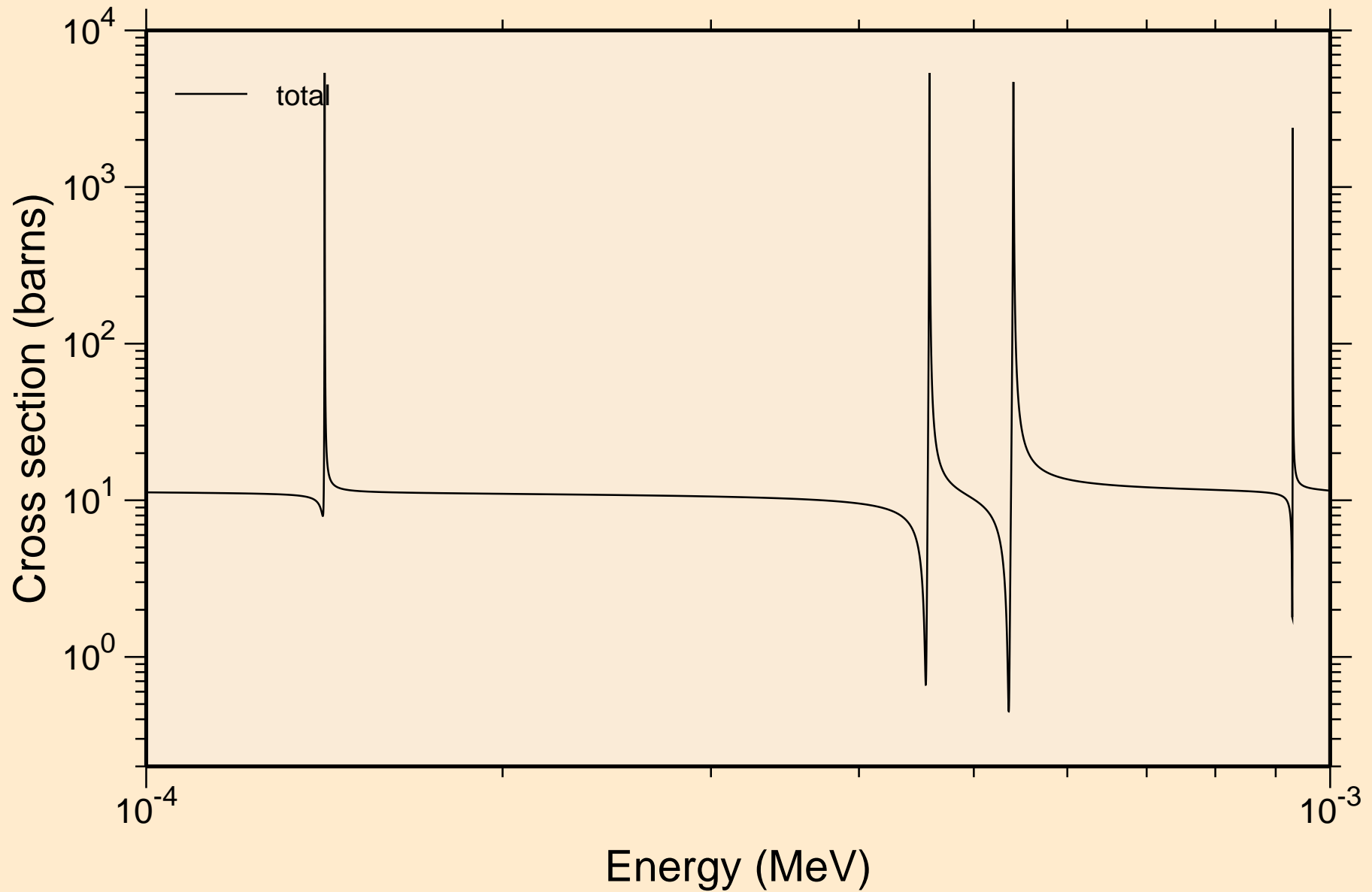
## Principal cross sections



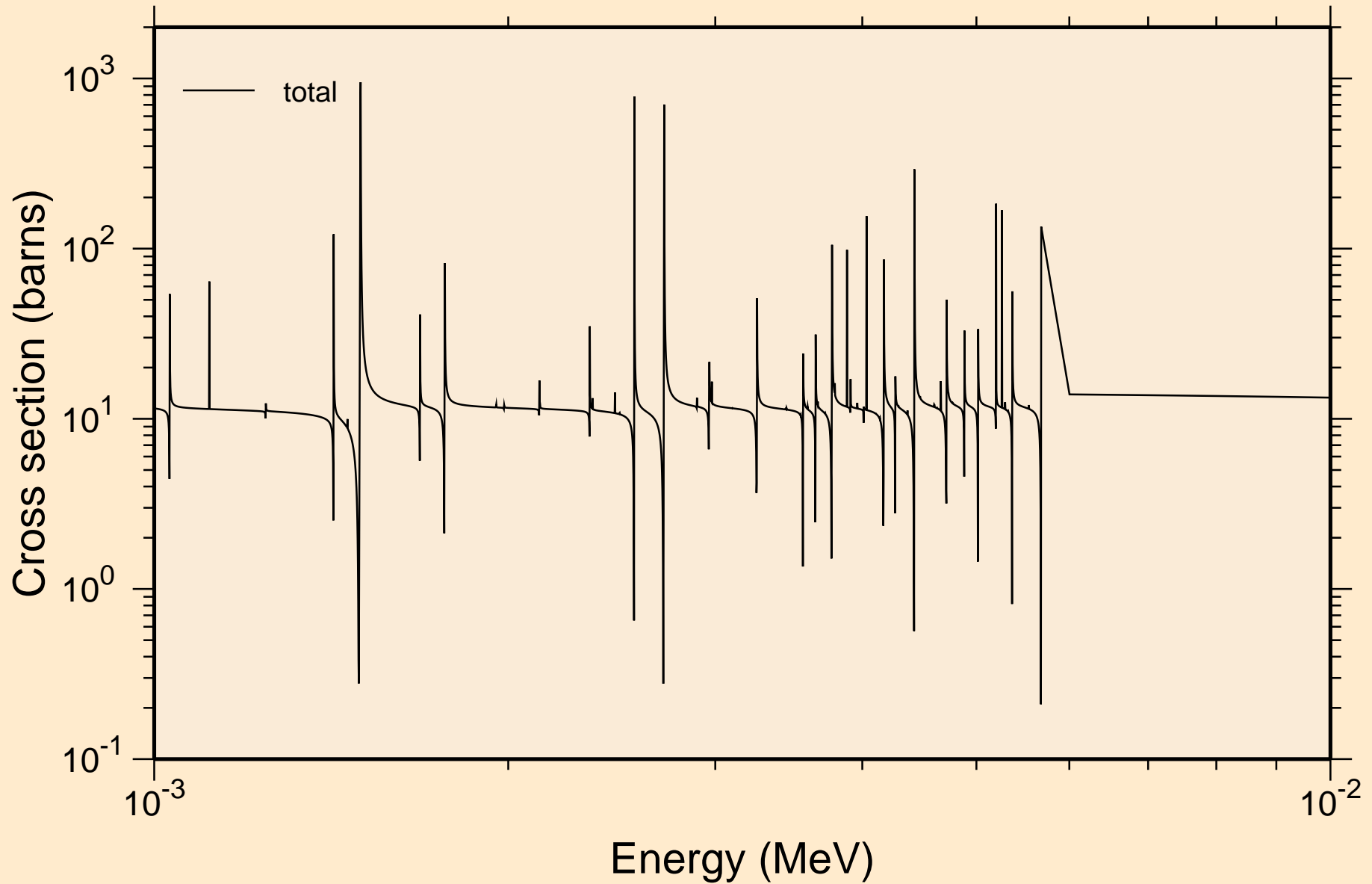
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



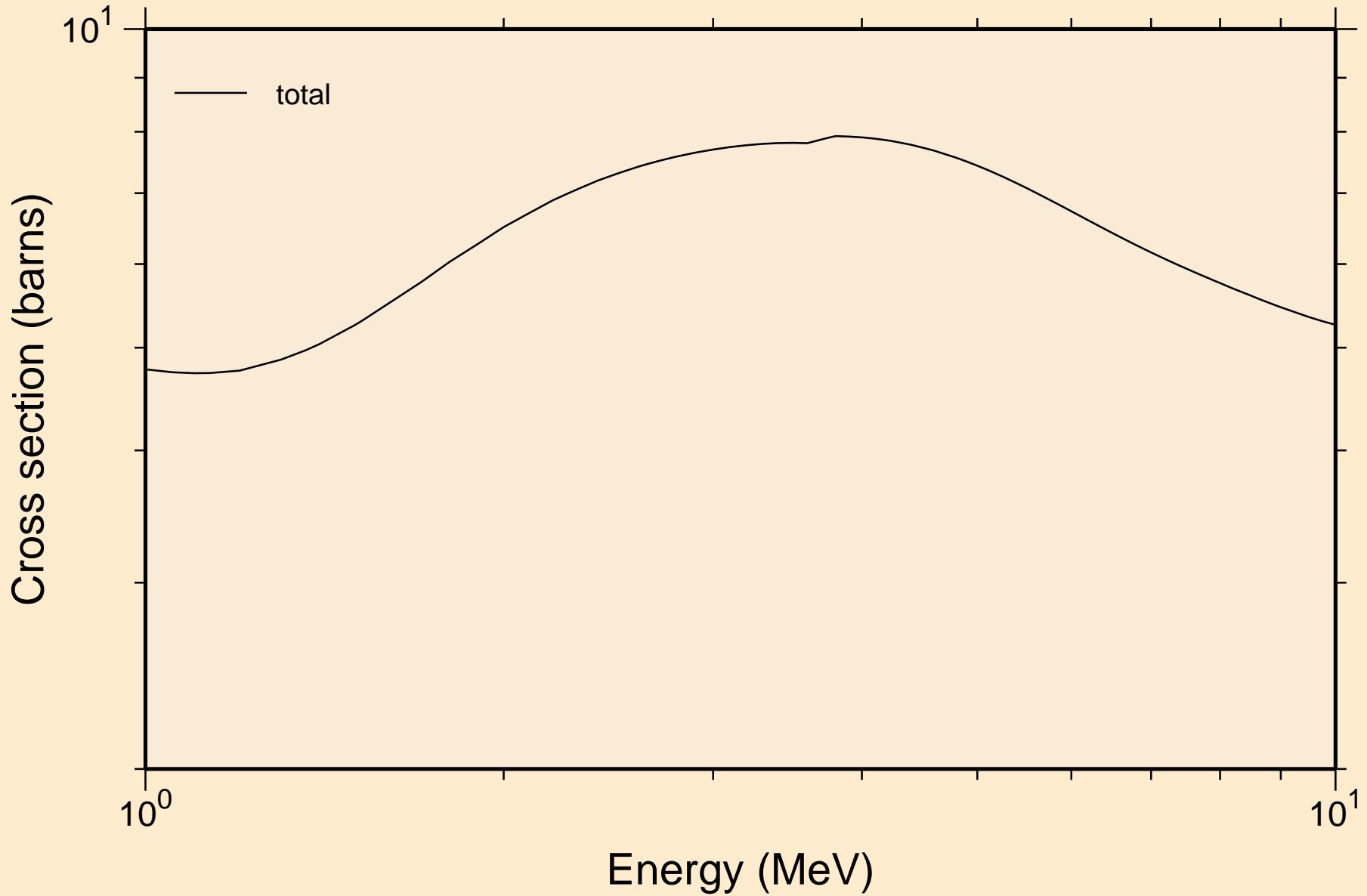
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



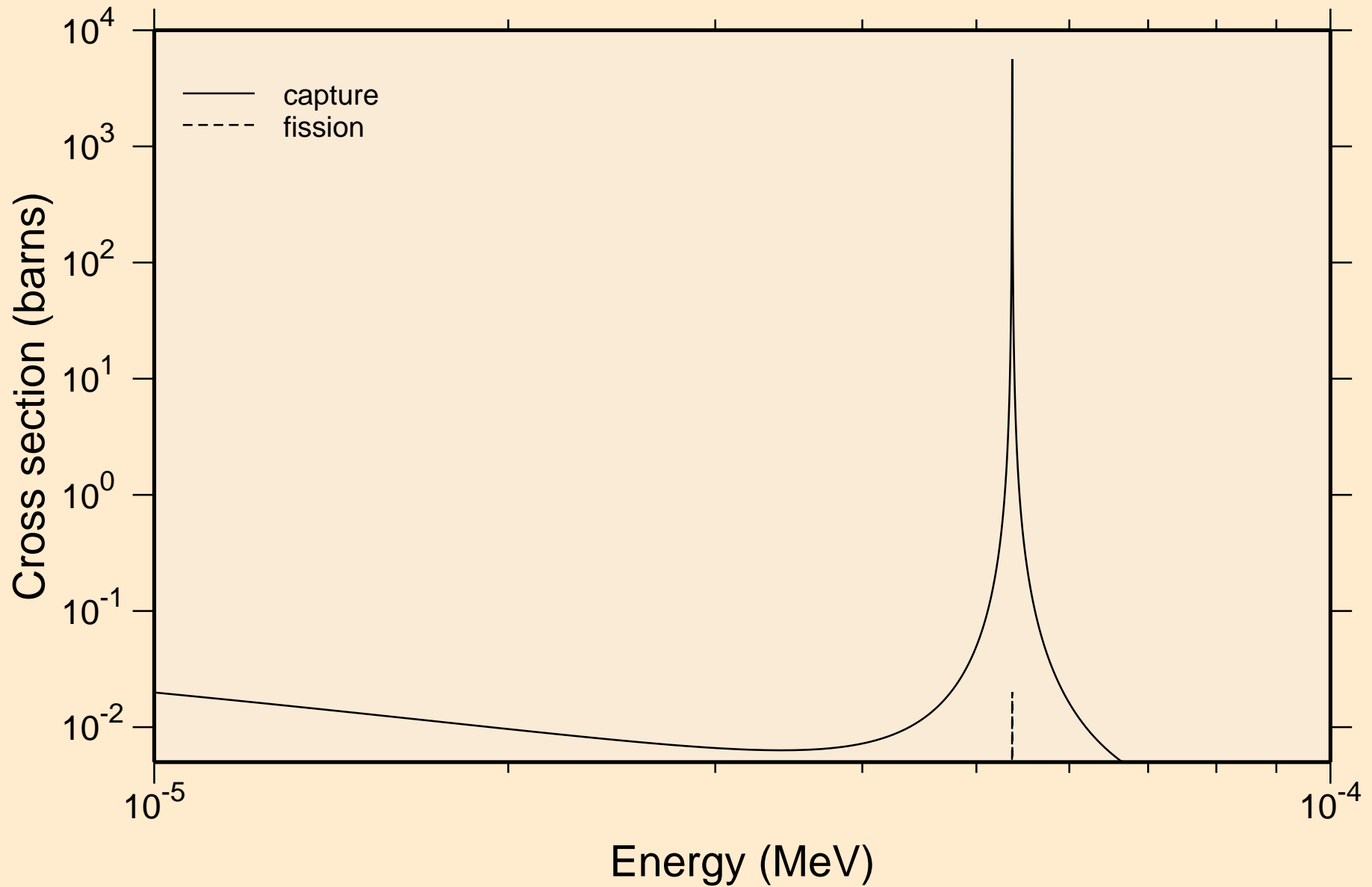
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section

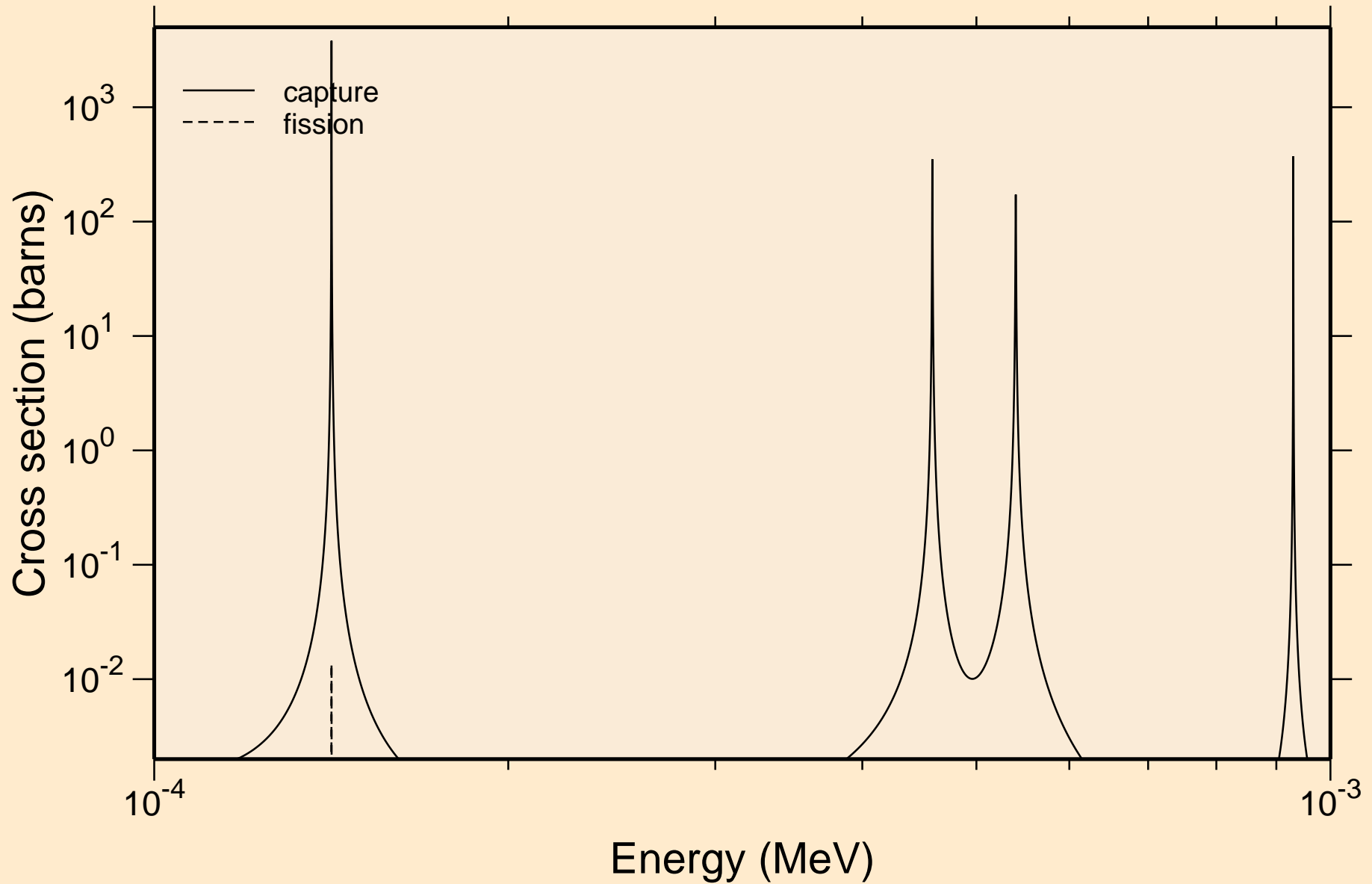


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

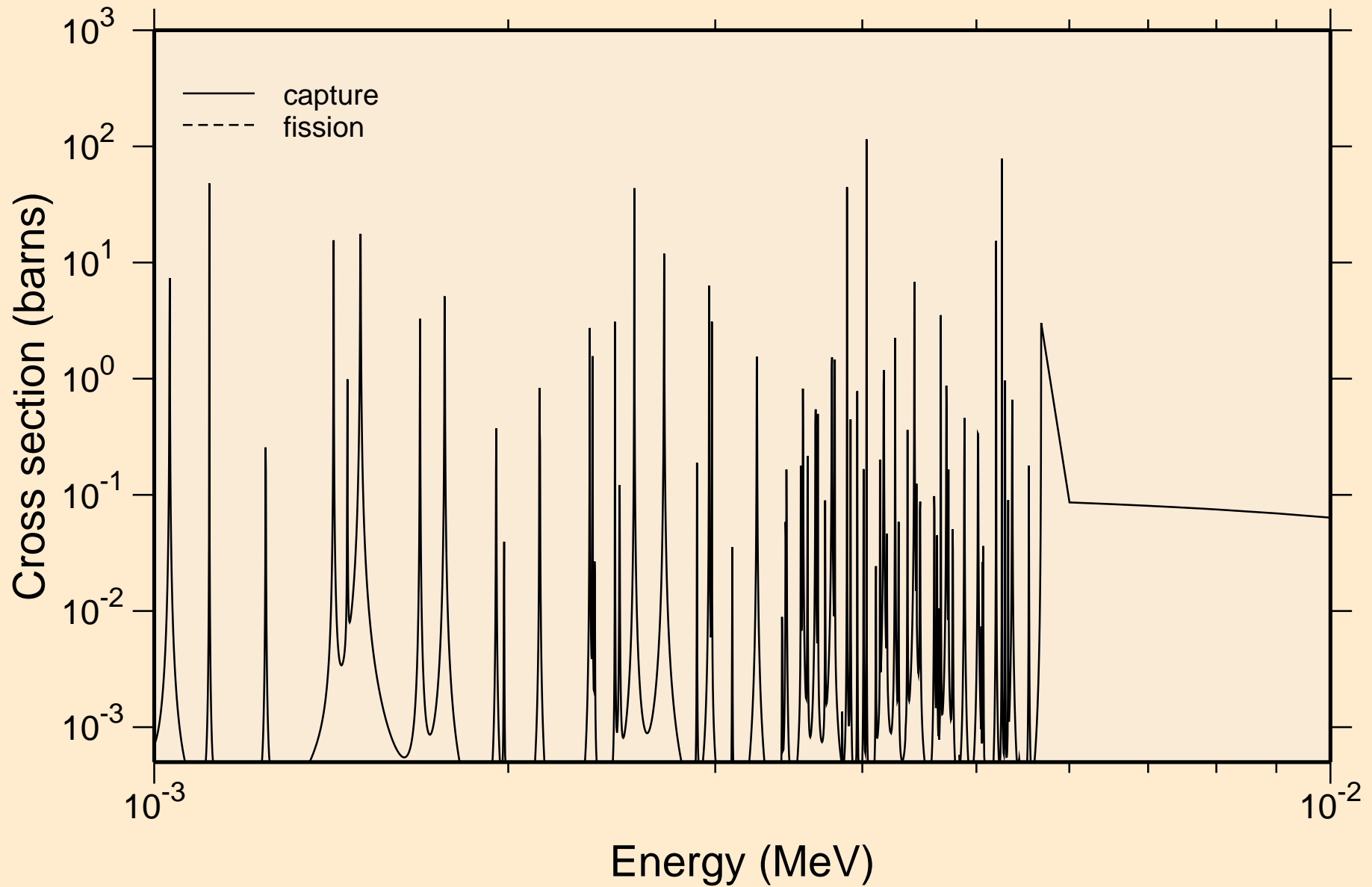


# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## resonance absorption cross sections

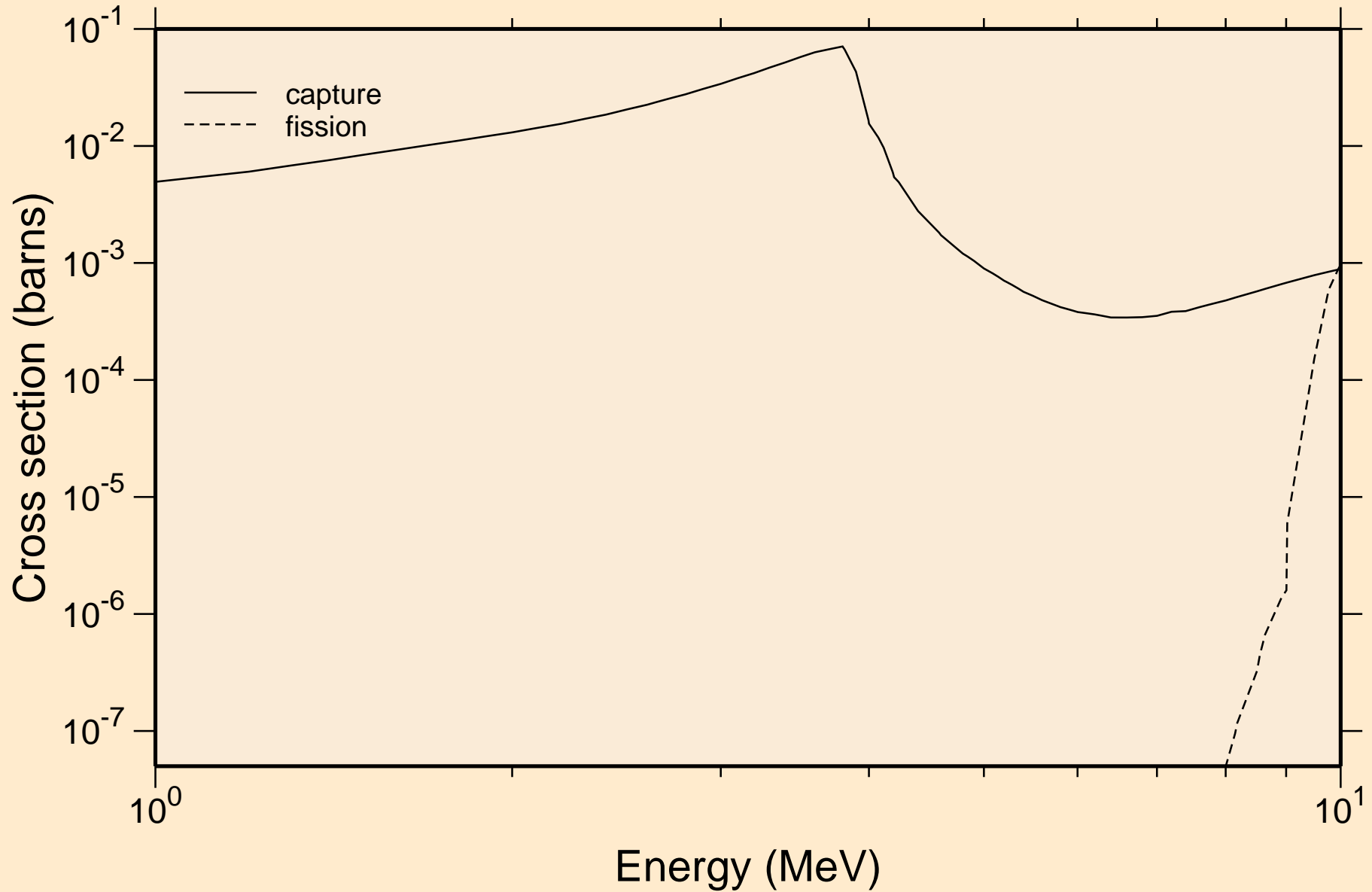


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



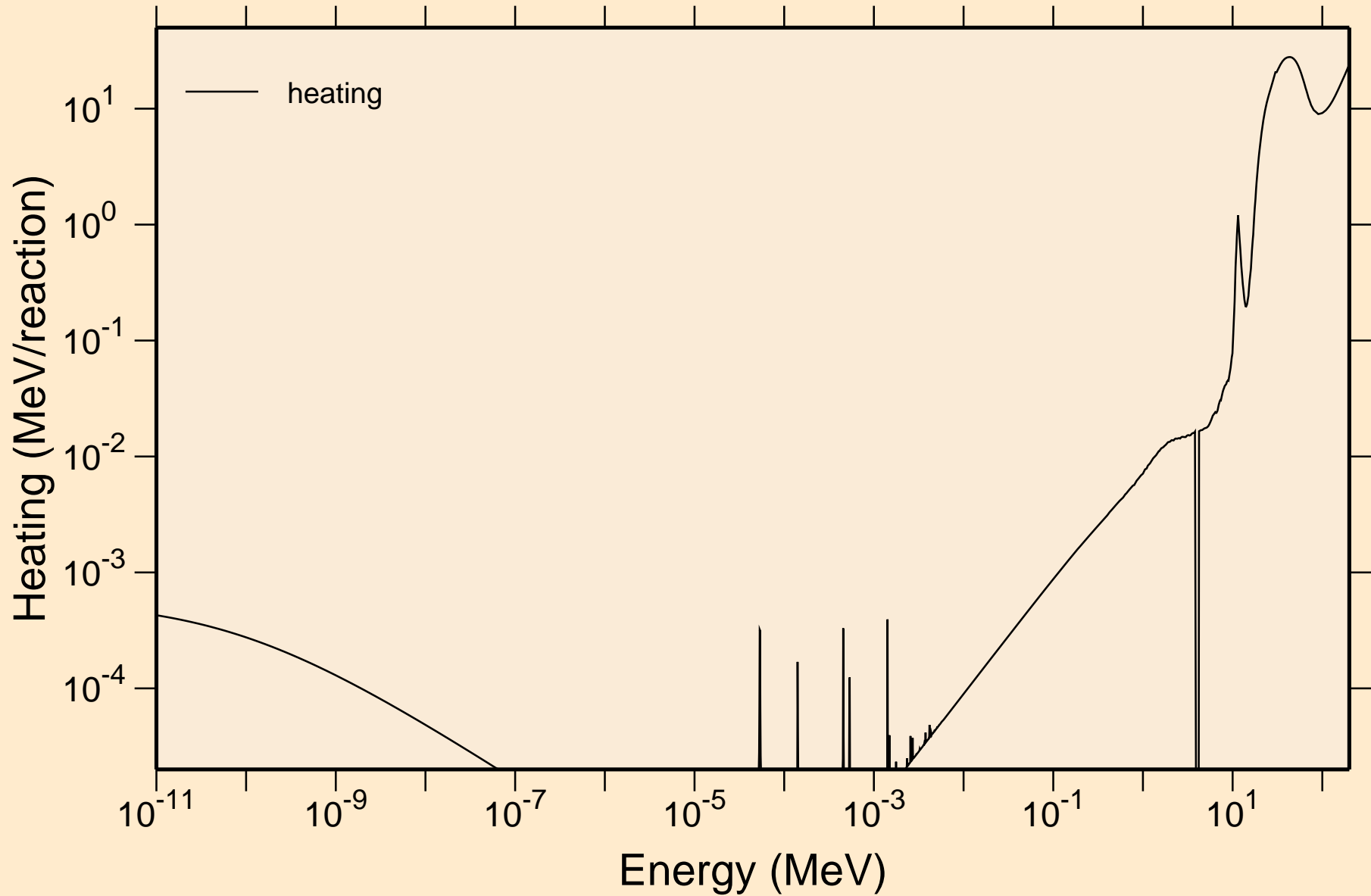


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



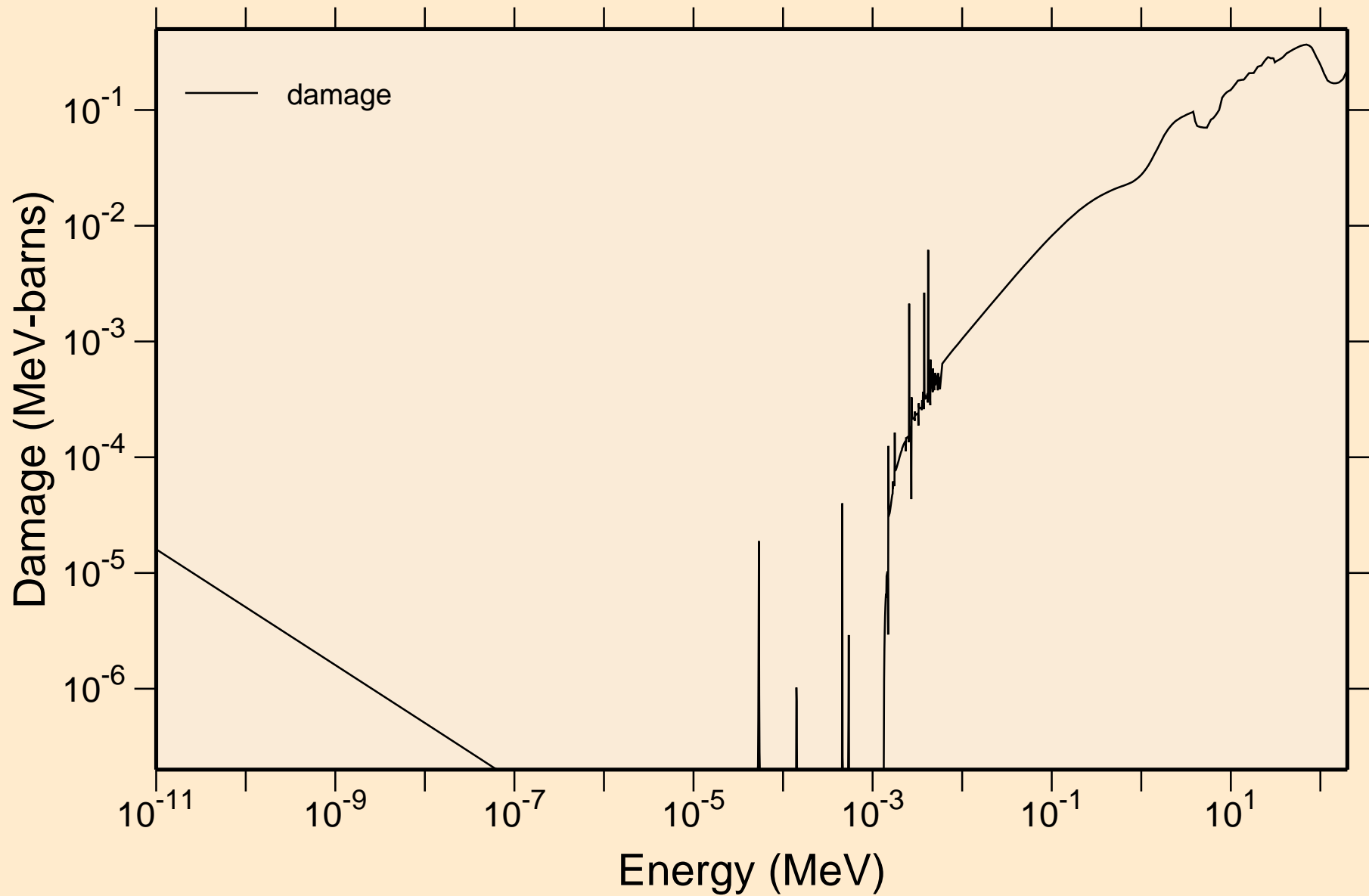
# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



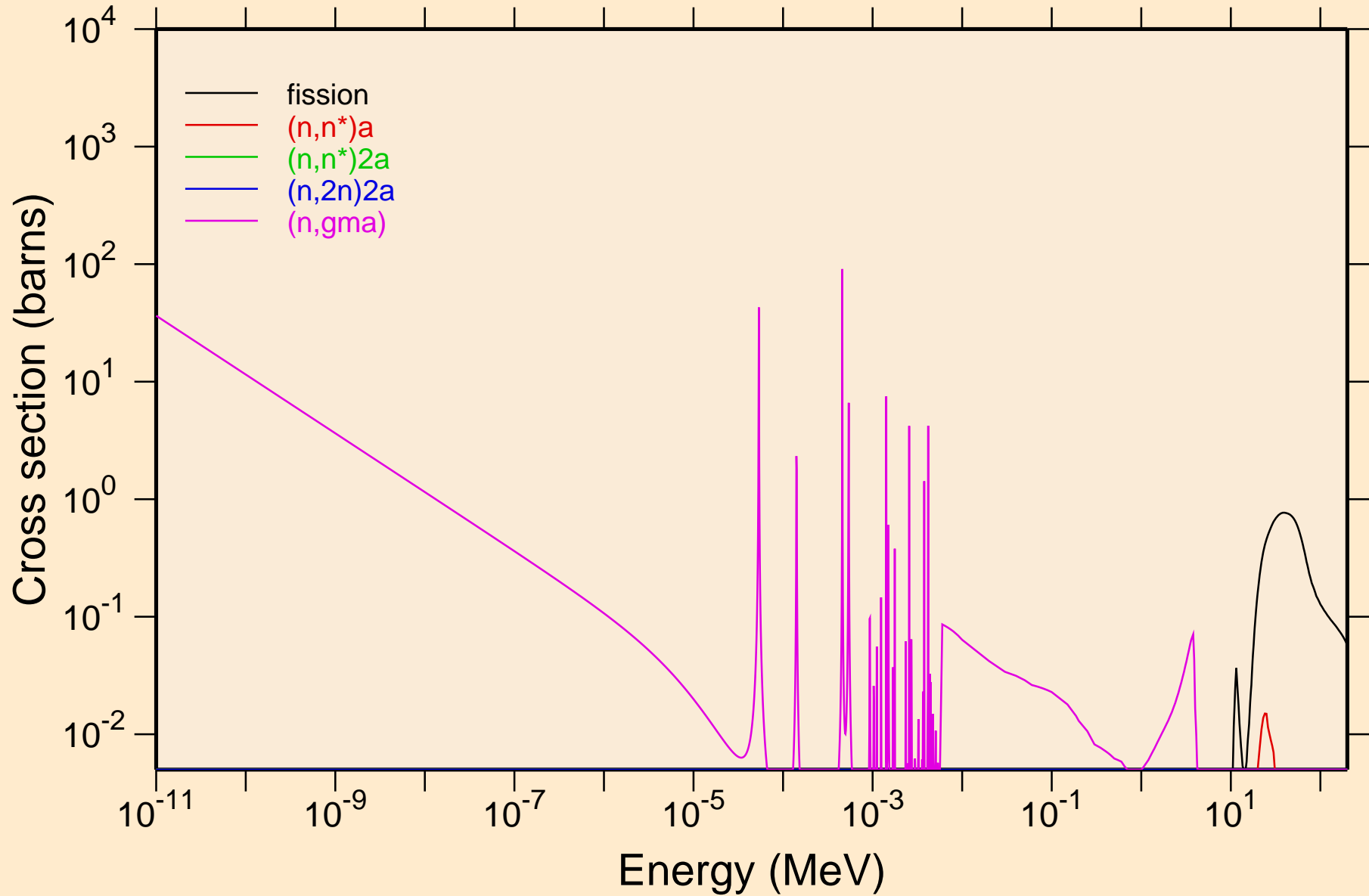
# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

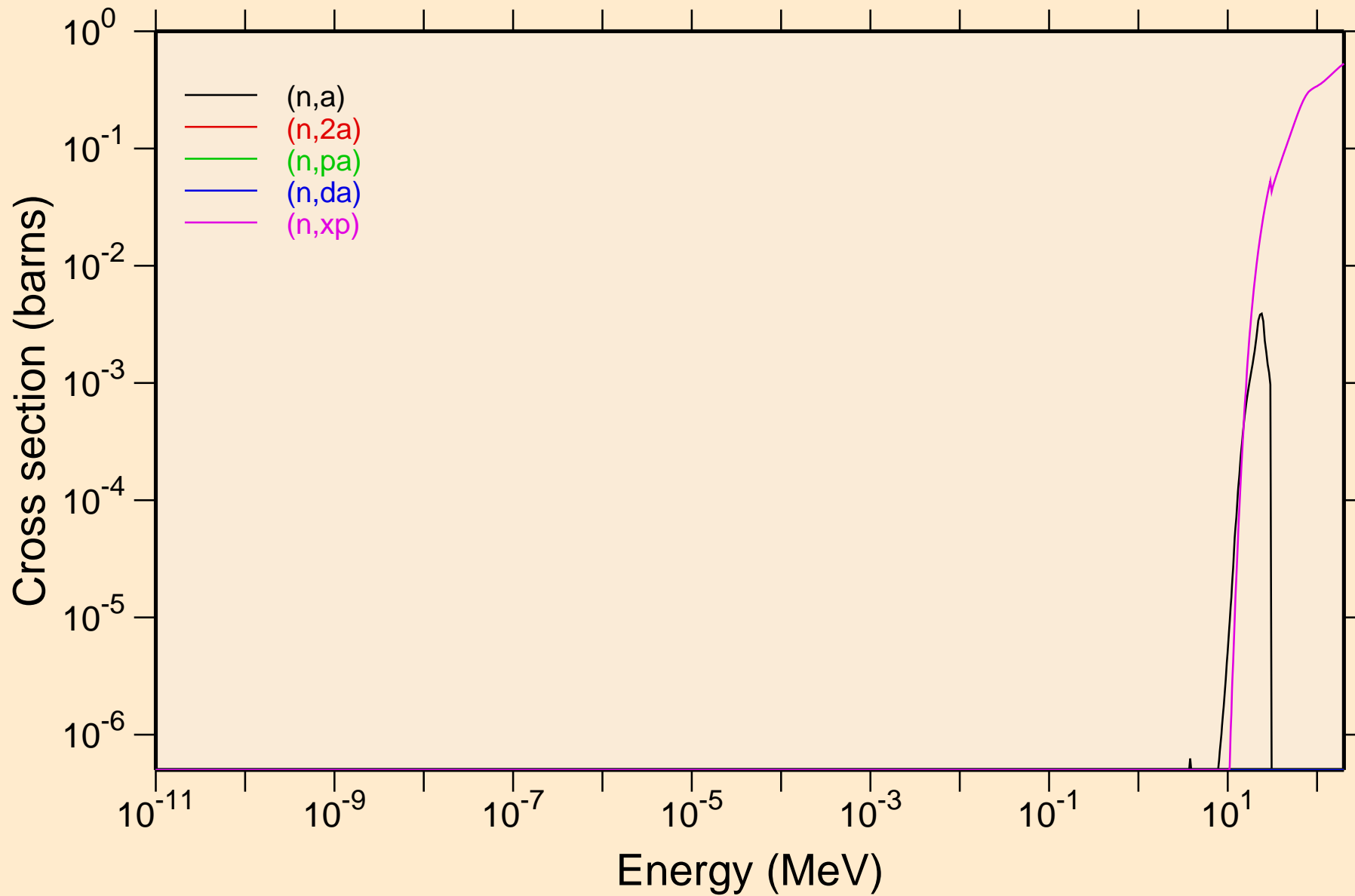


# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

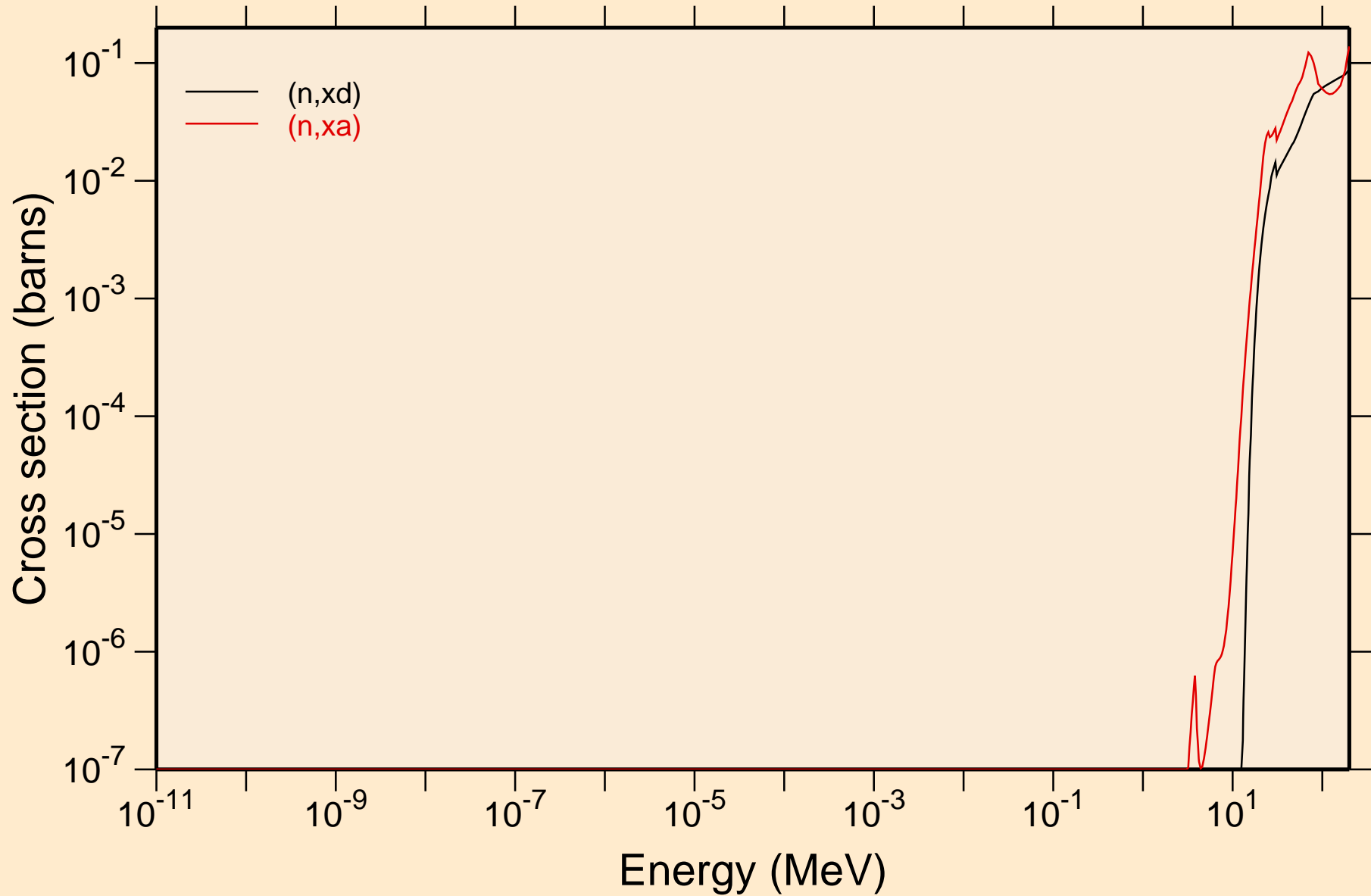
## Non-threshold reactions



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

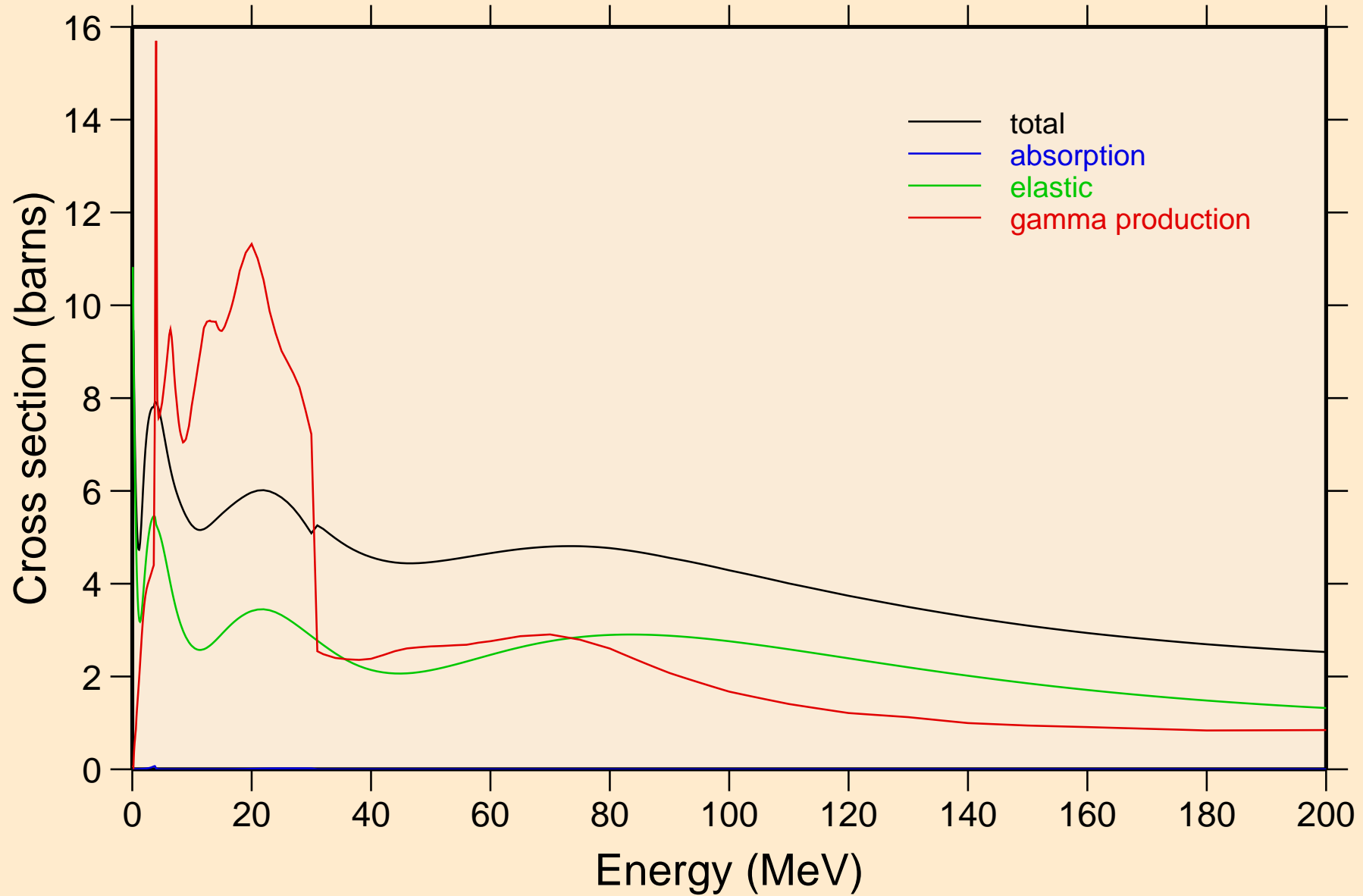


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



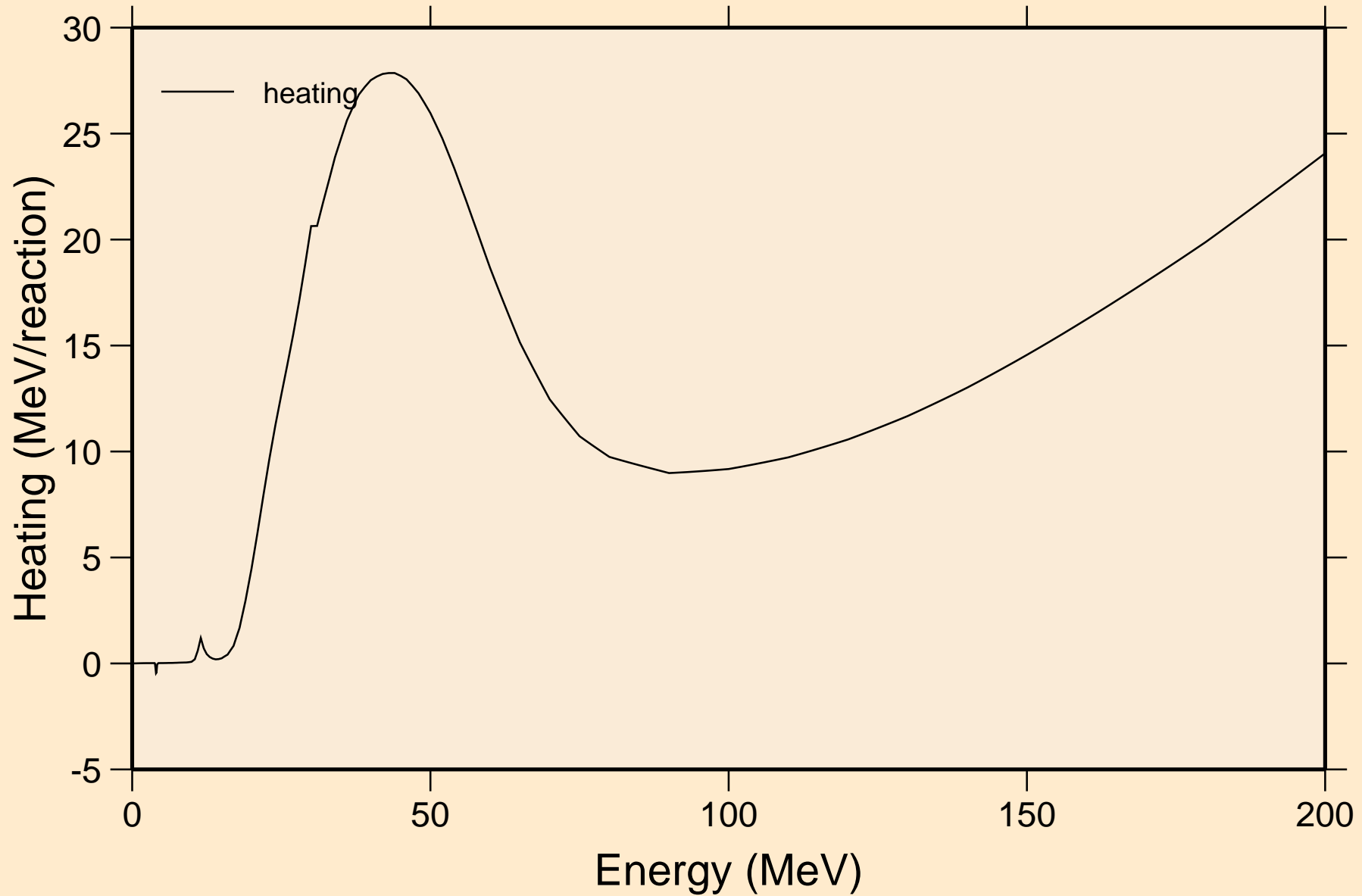
# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

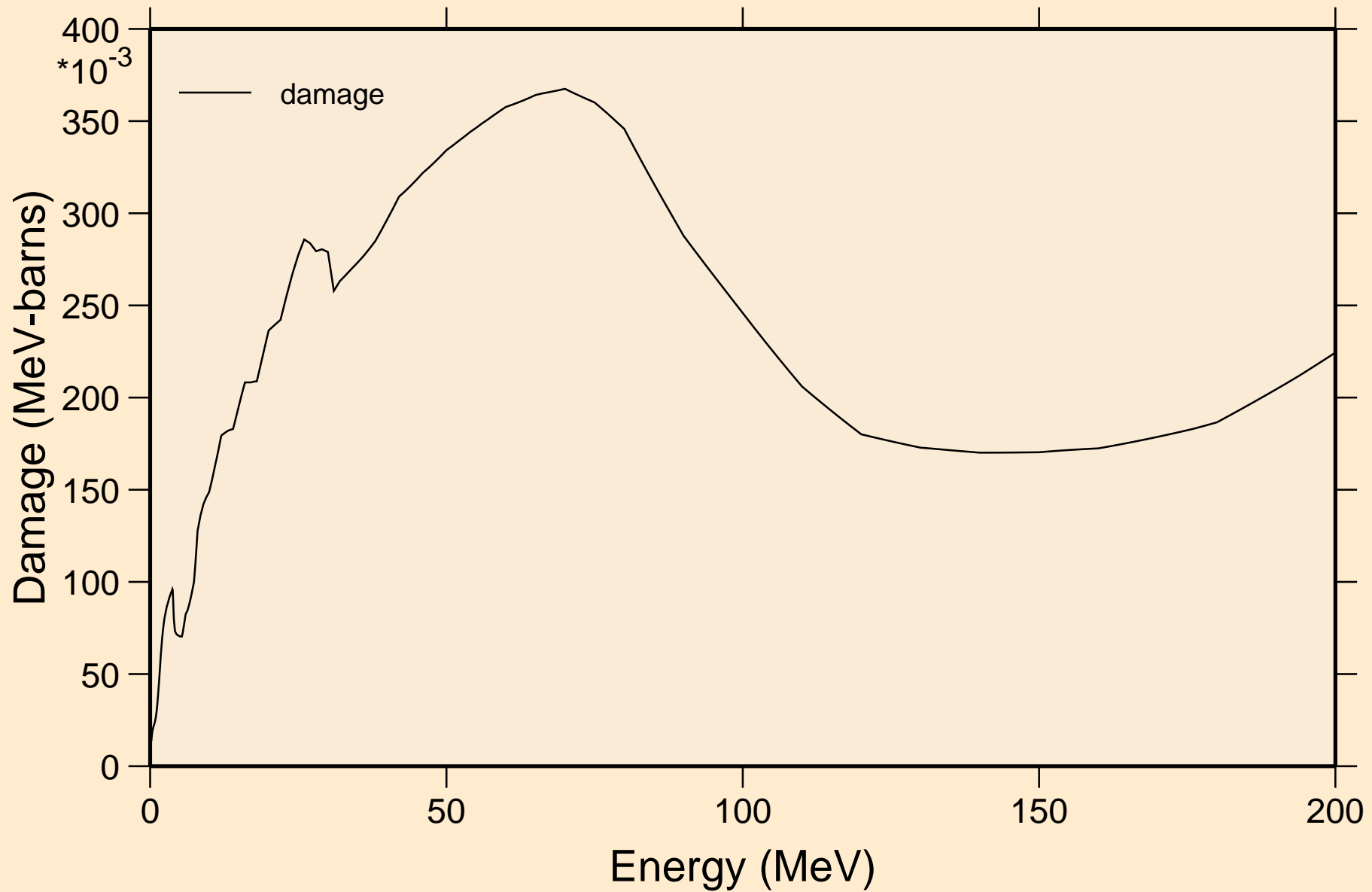
## Heating





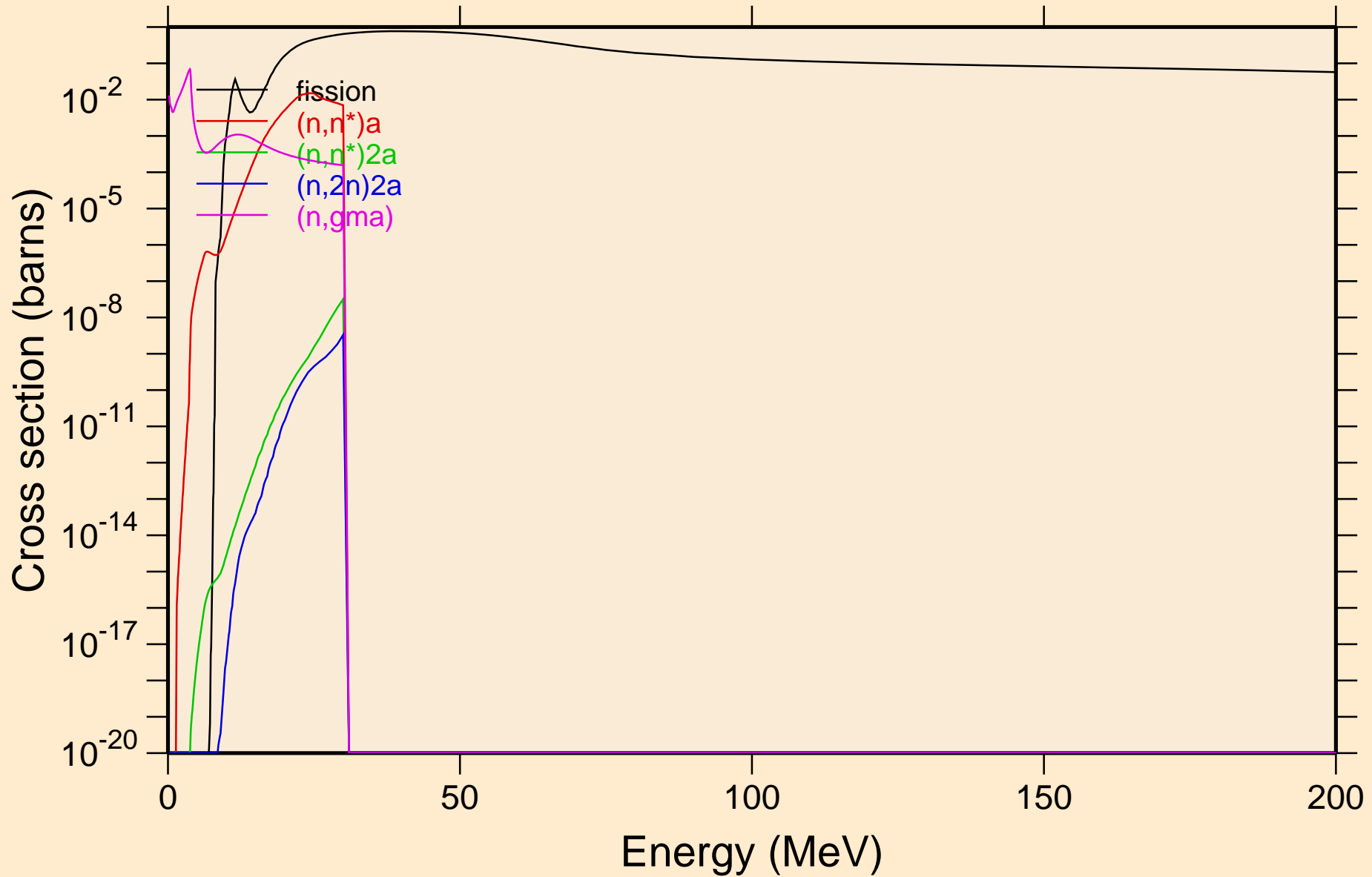
# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



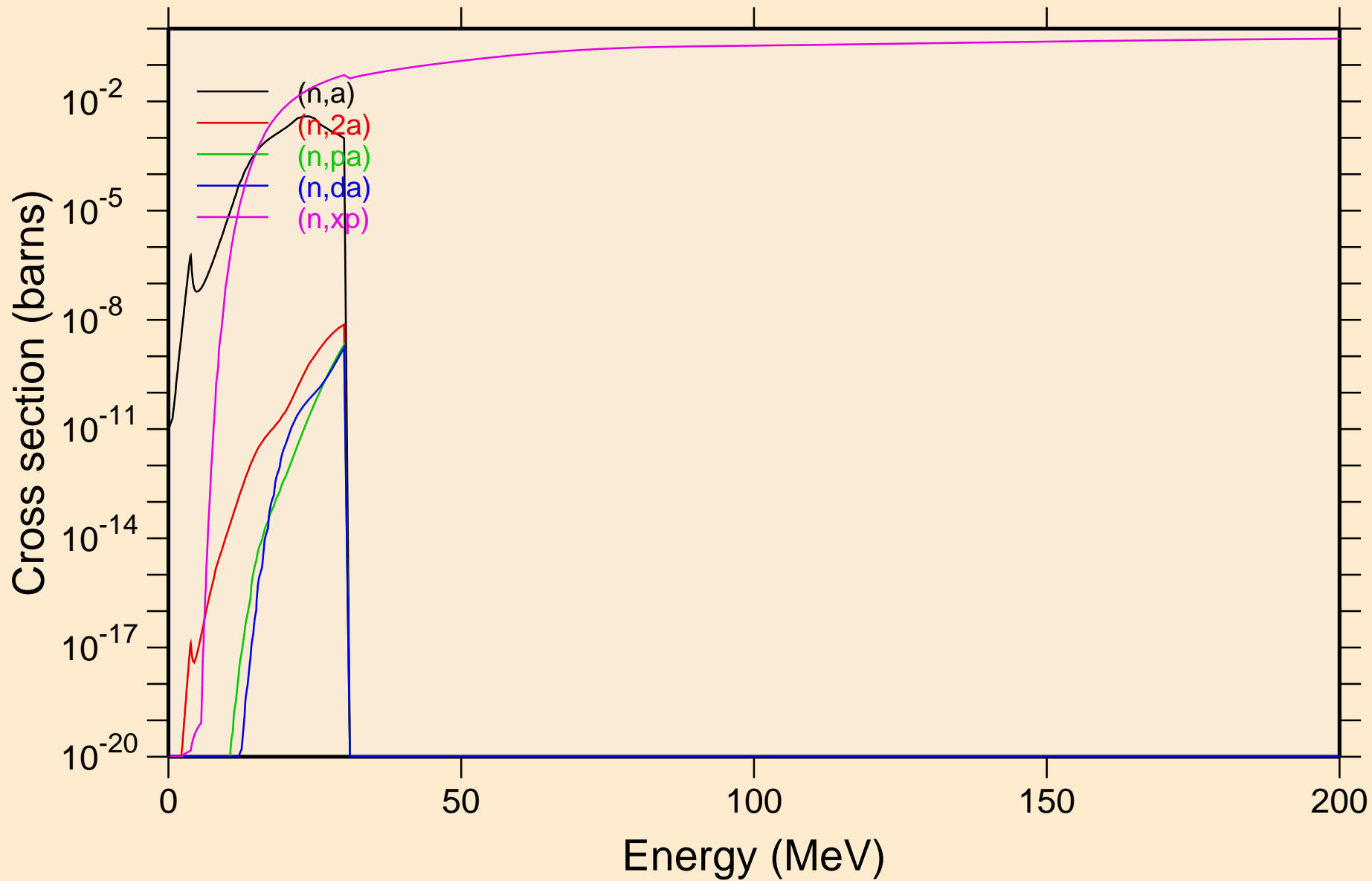
# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

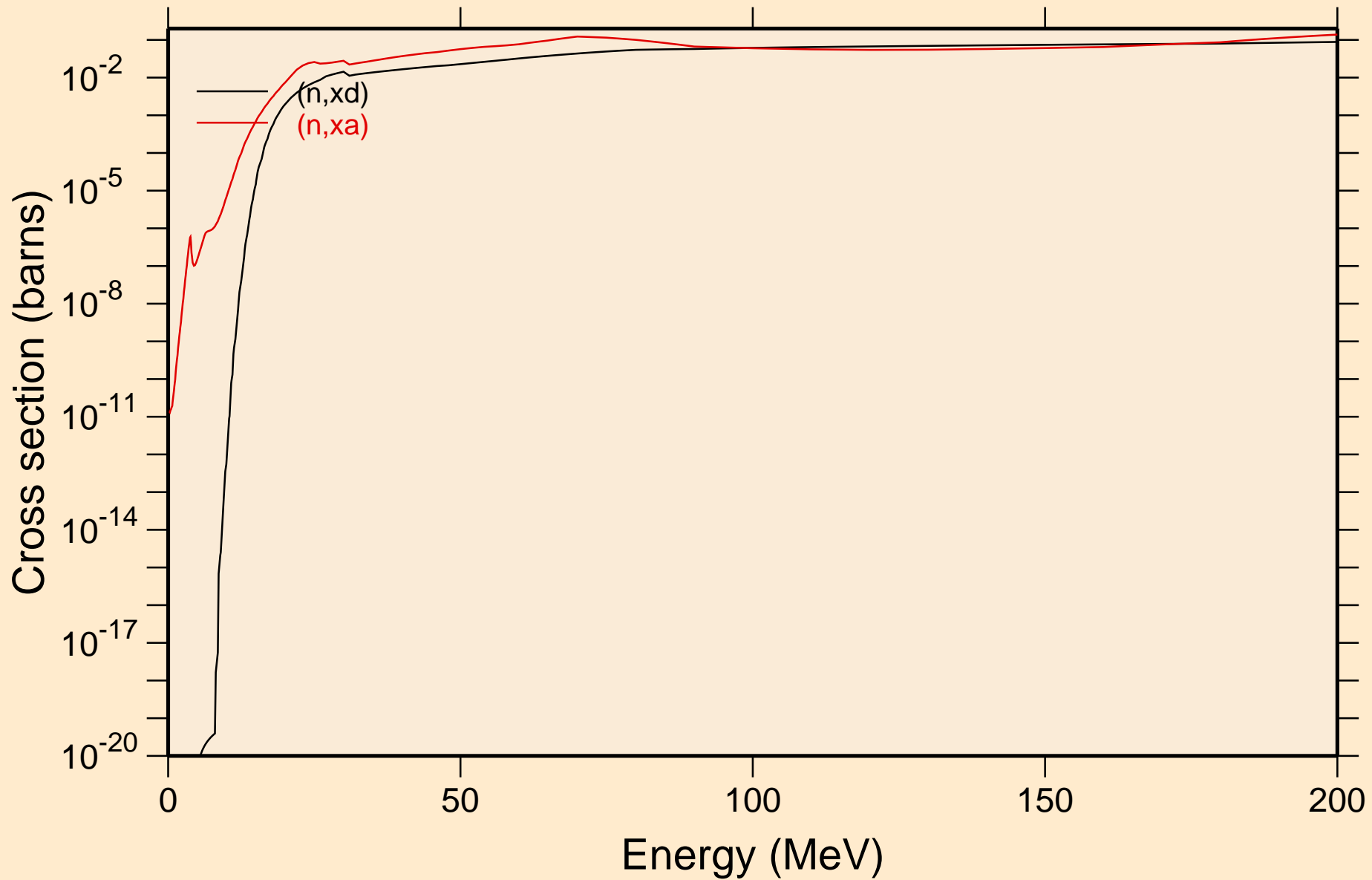


# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

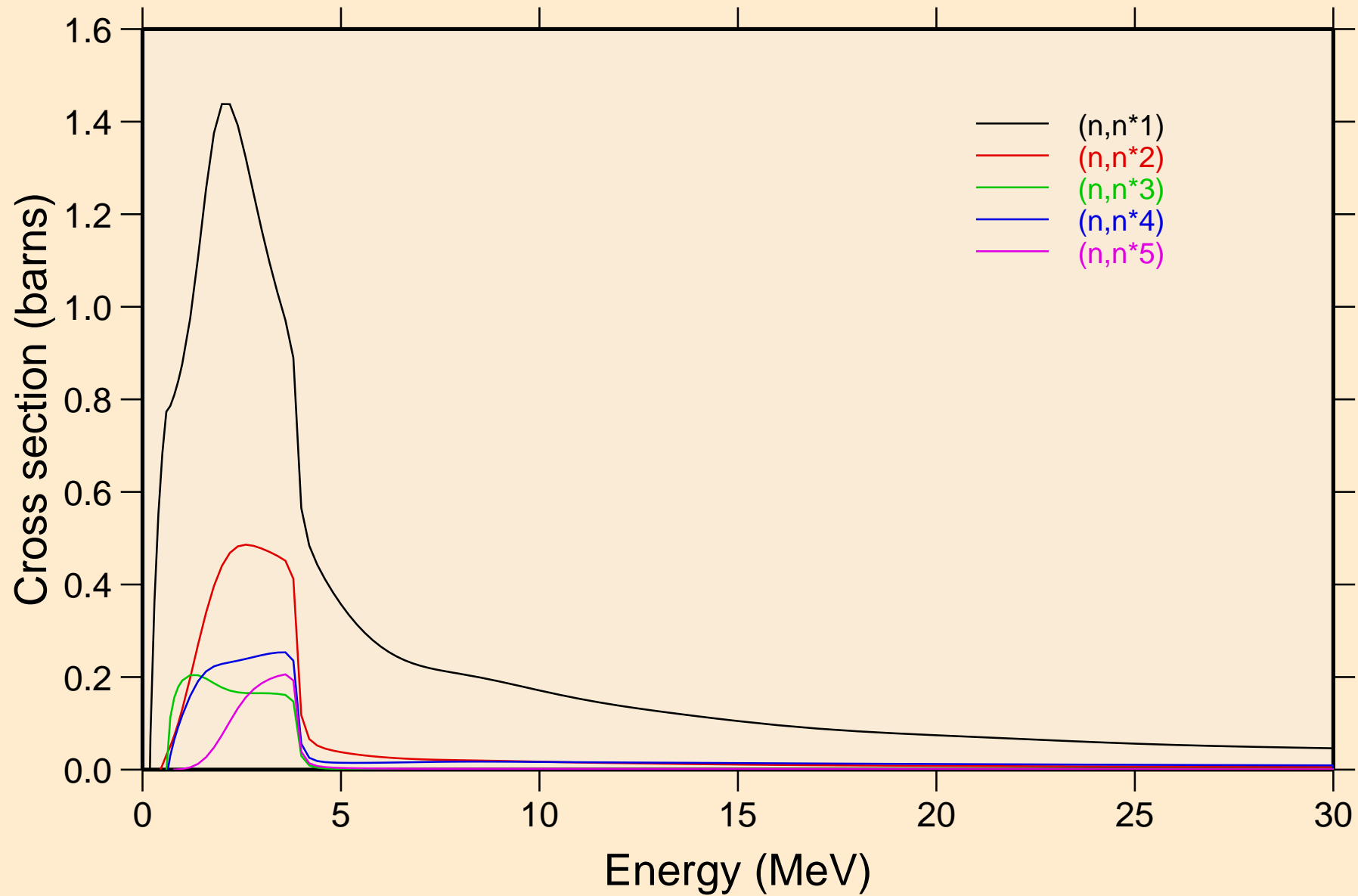
## Non-threshold reactions



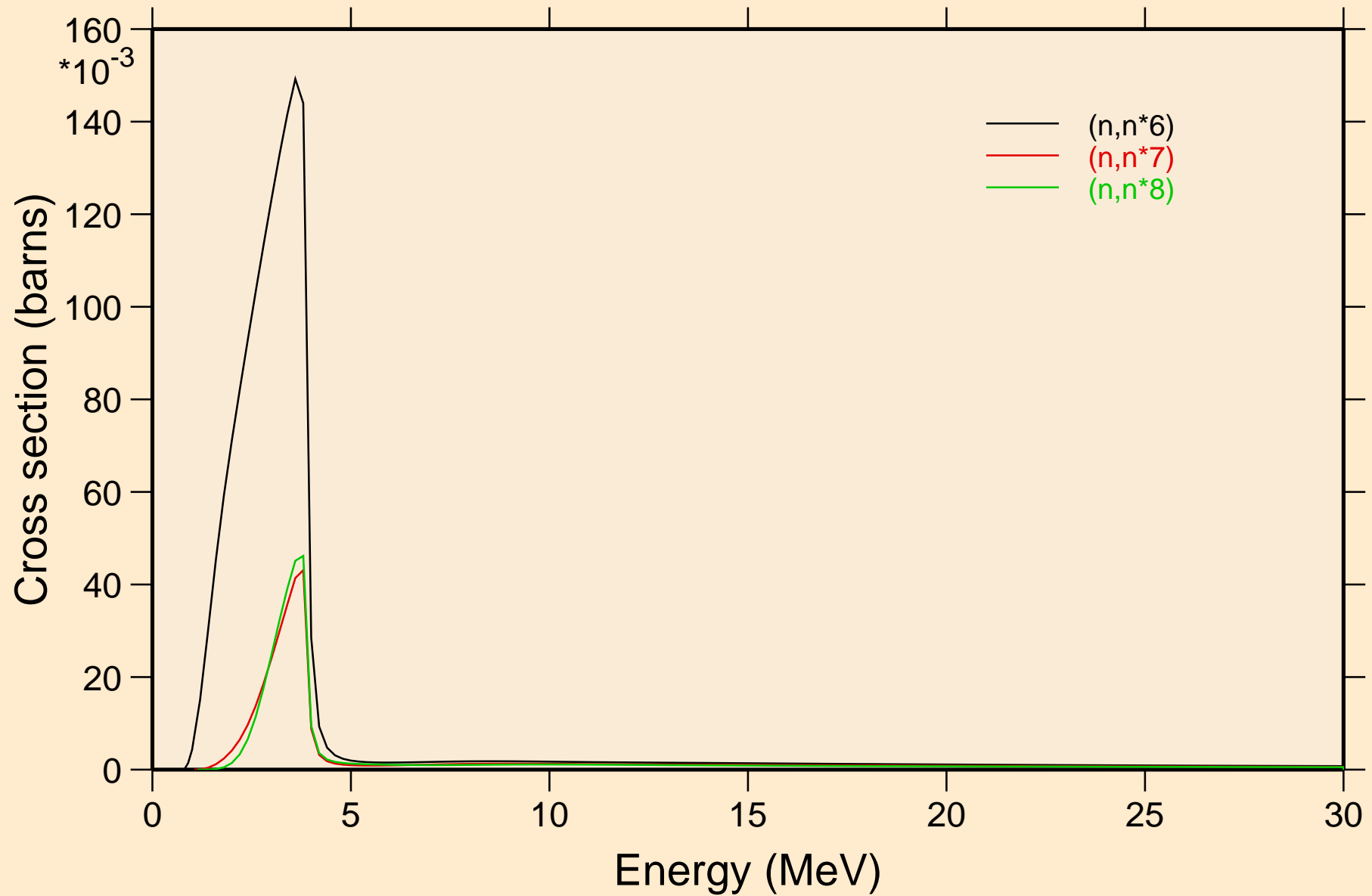
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



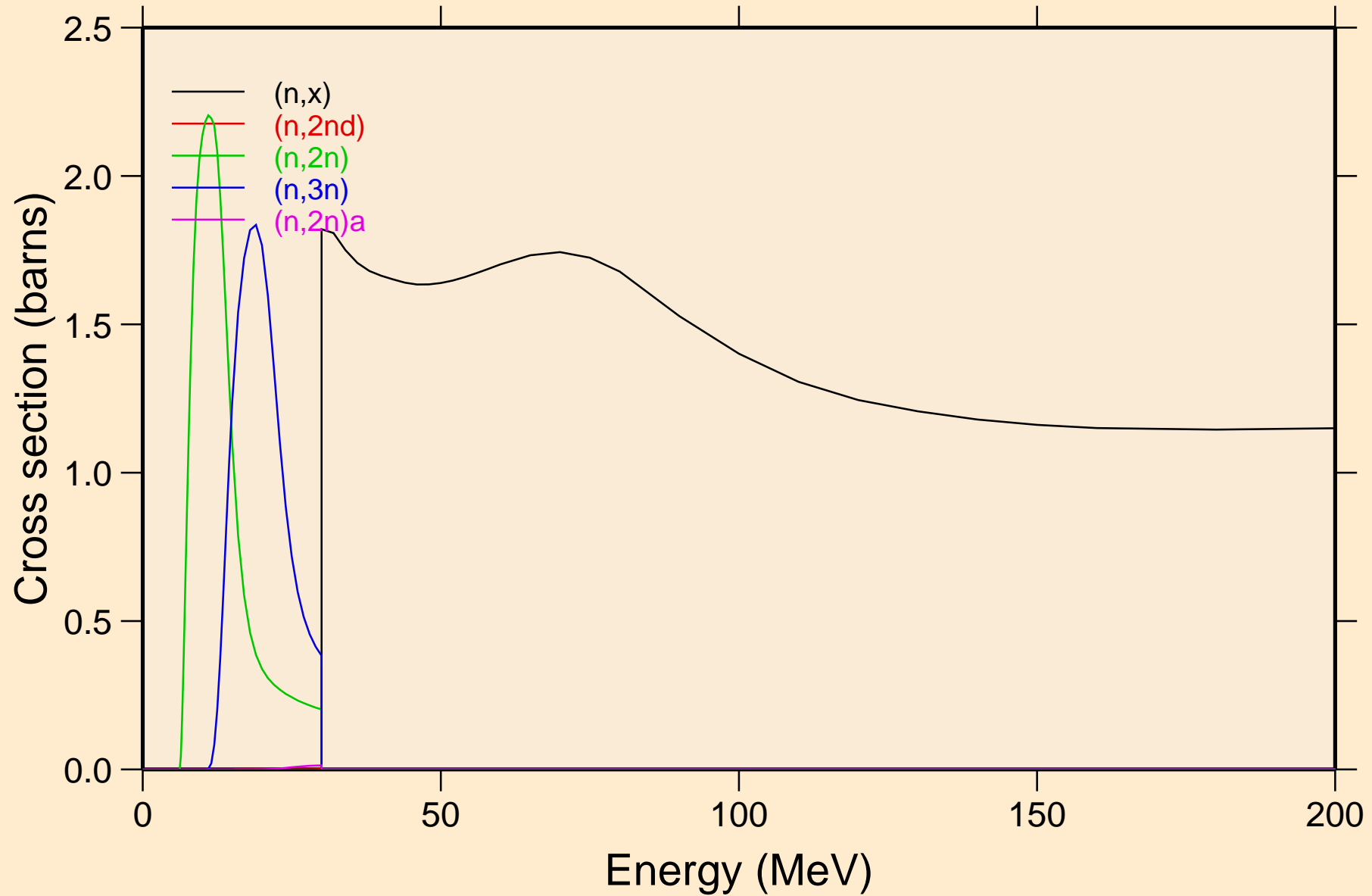
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

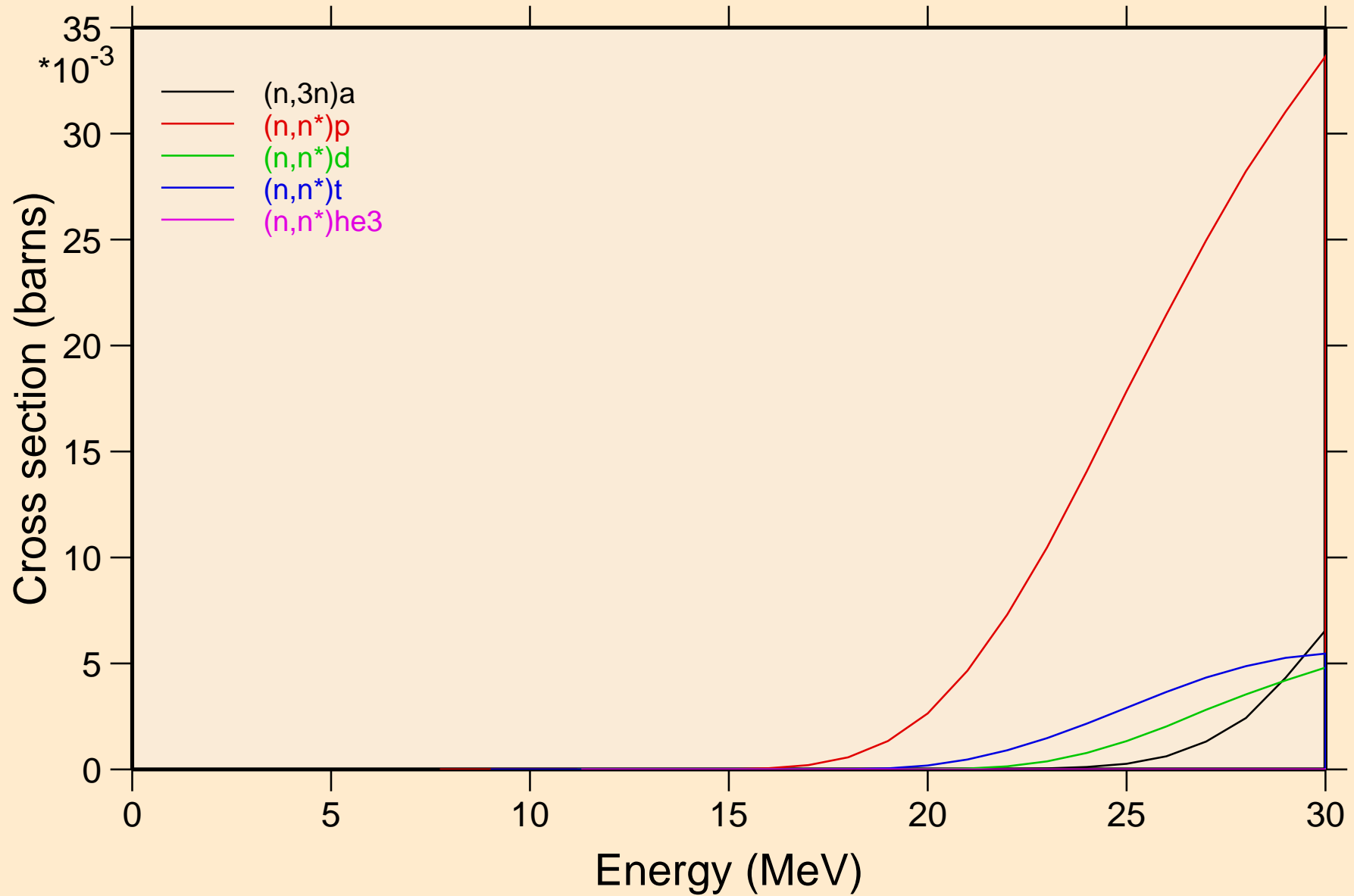


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

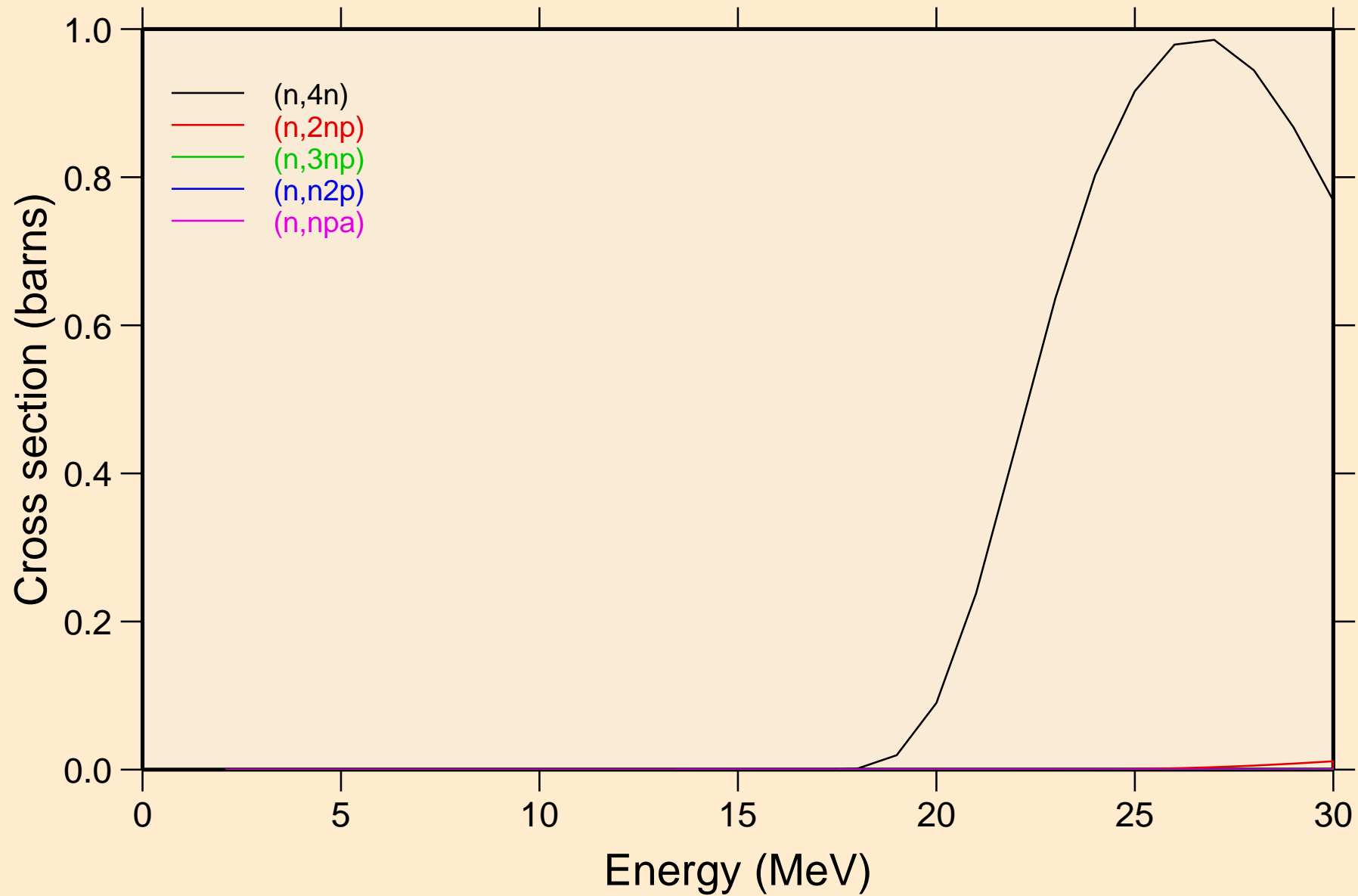
## Threshold reactions





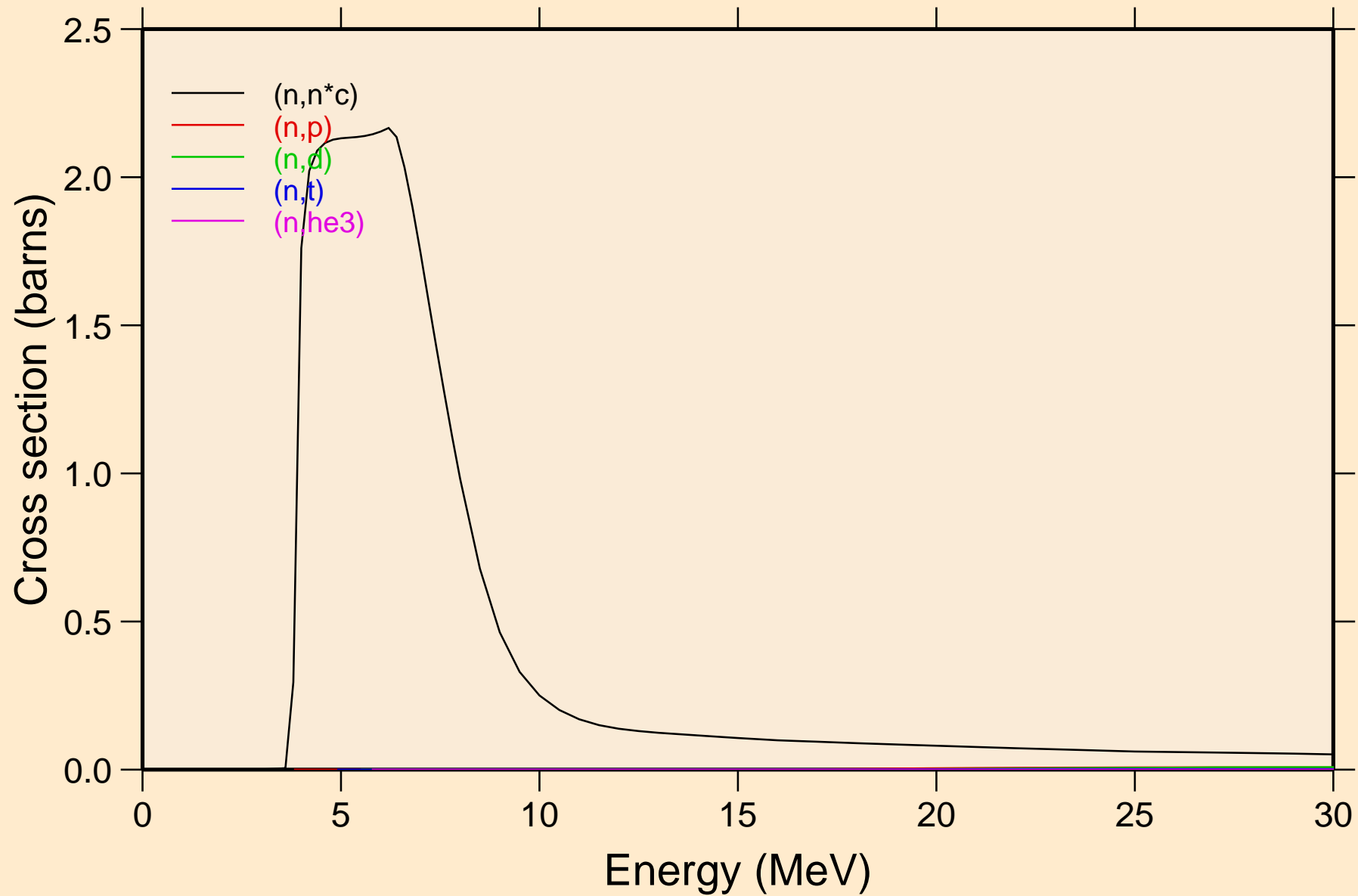
# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



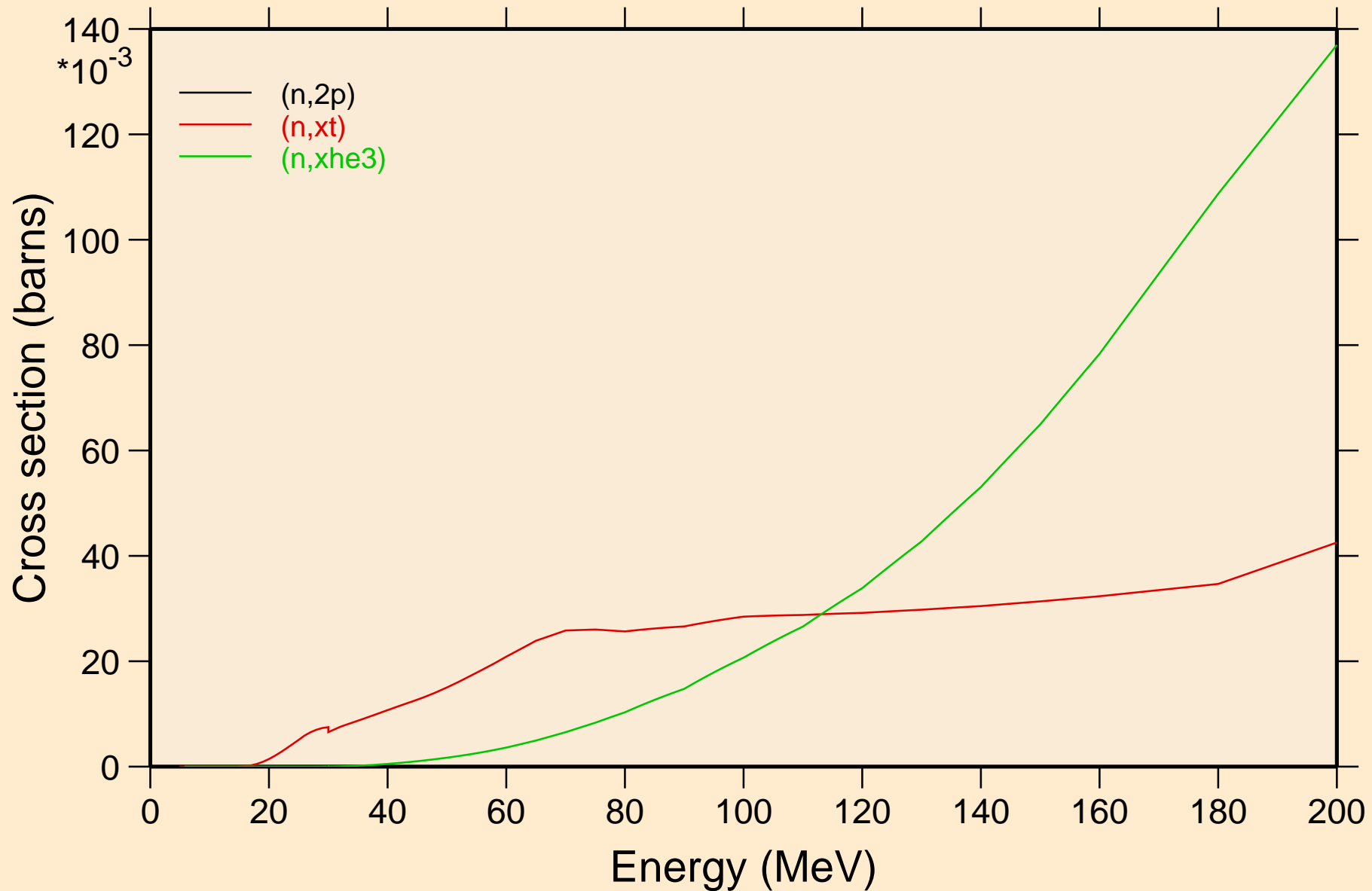
# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

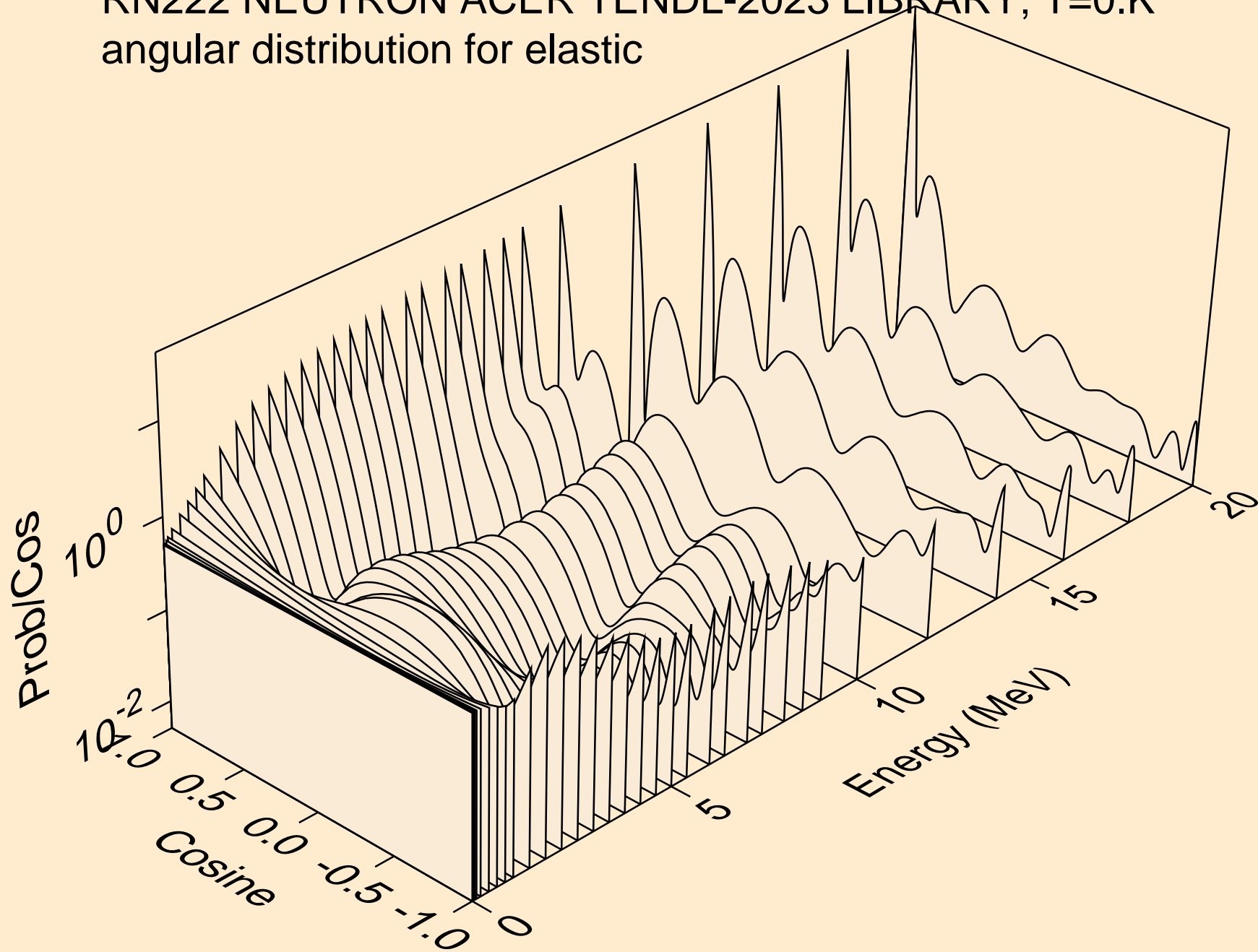


# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

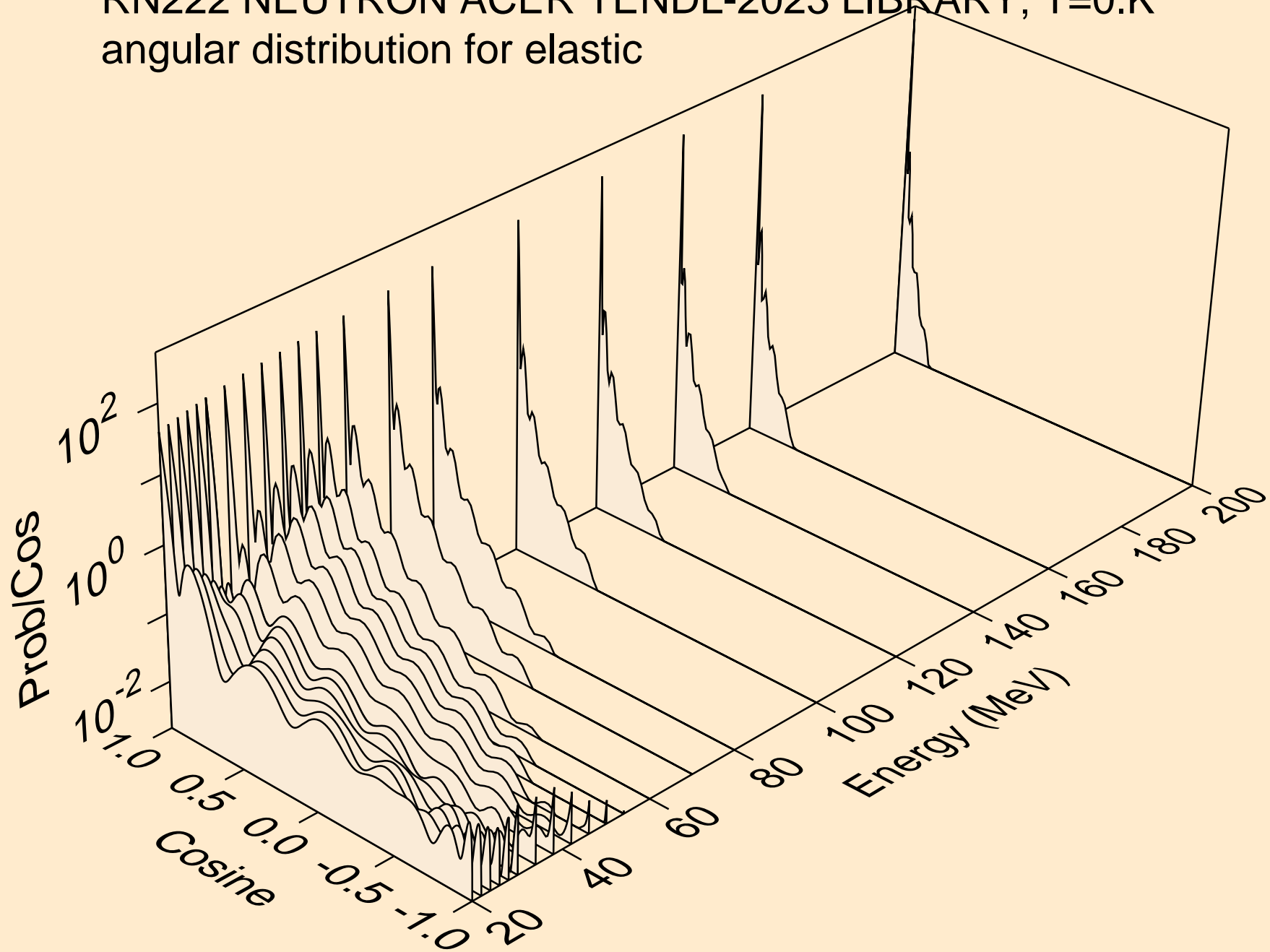
## Threshold reactions



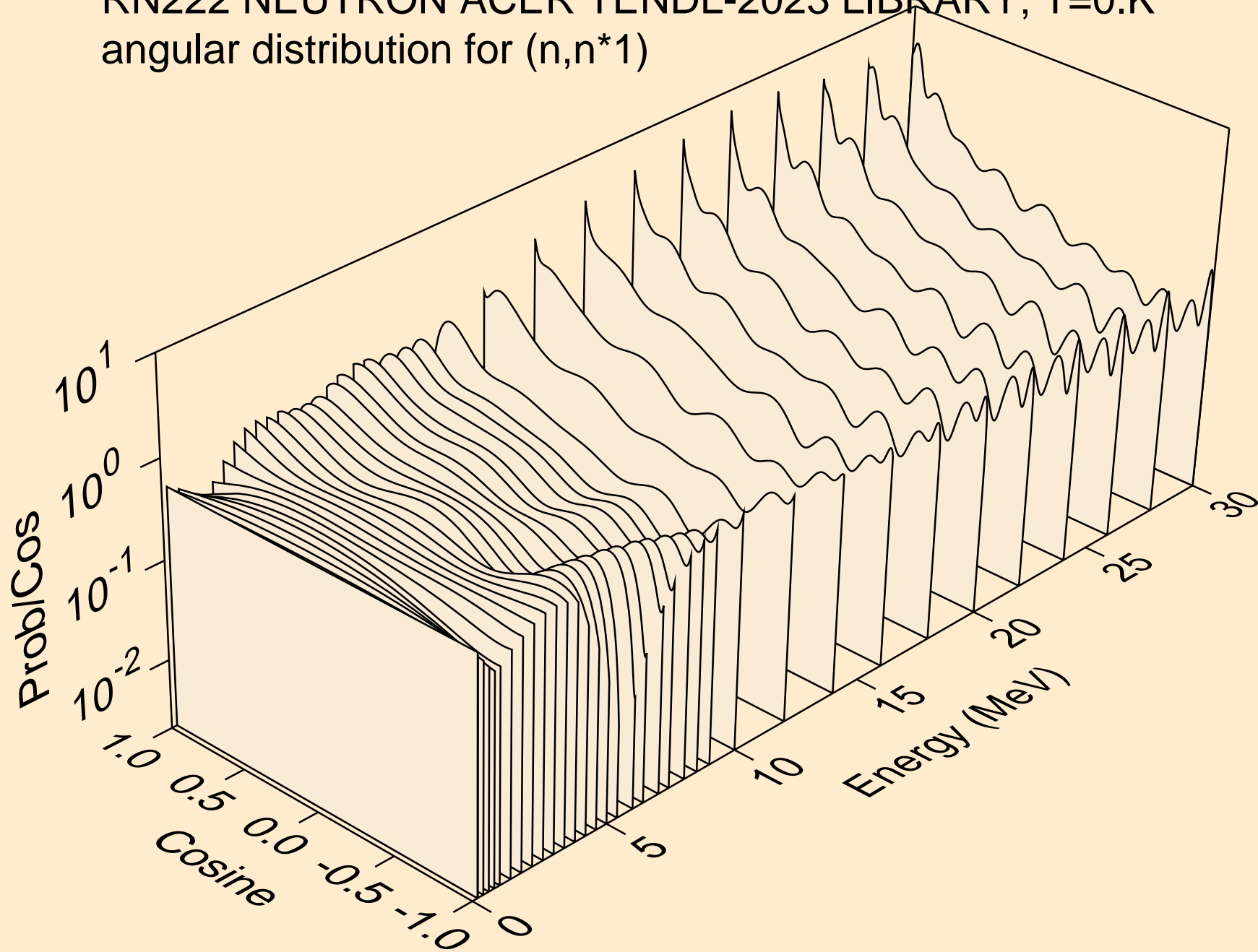
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



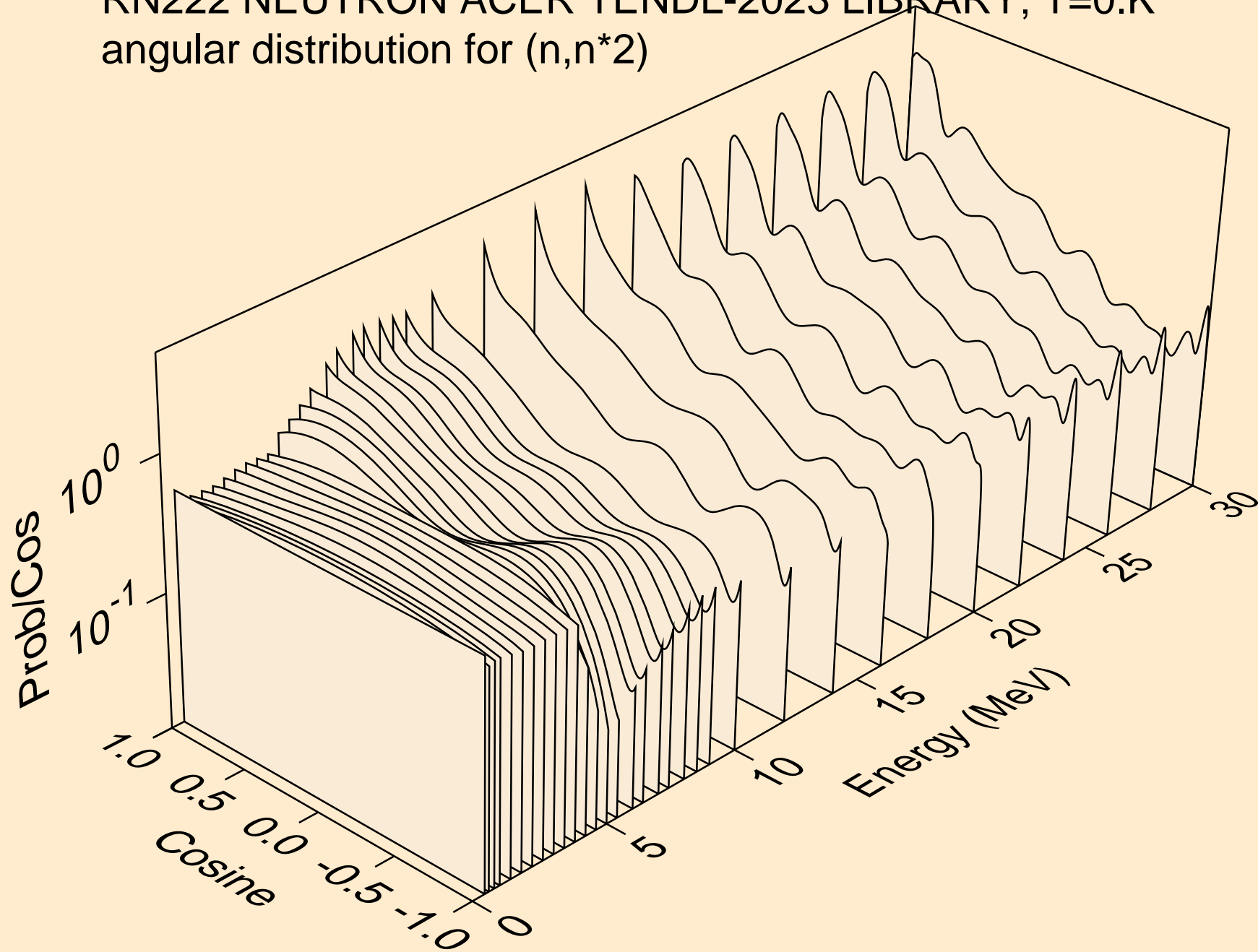
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



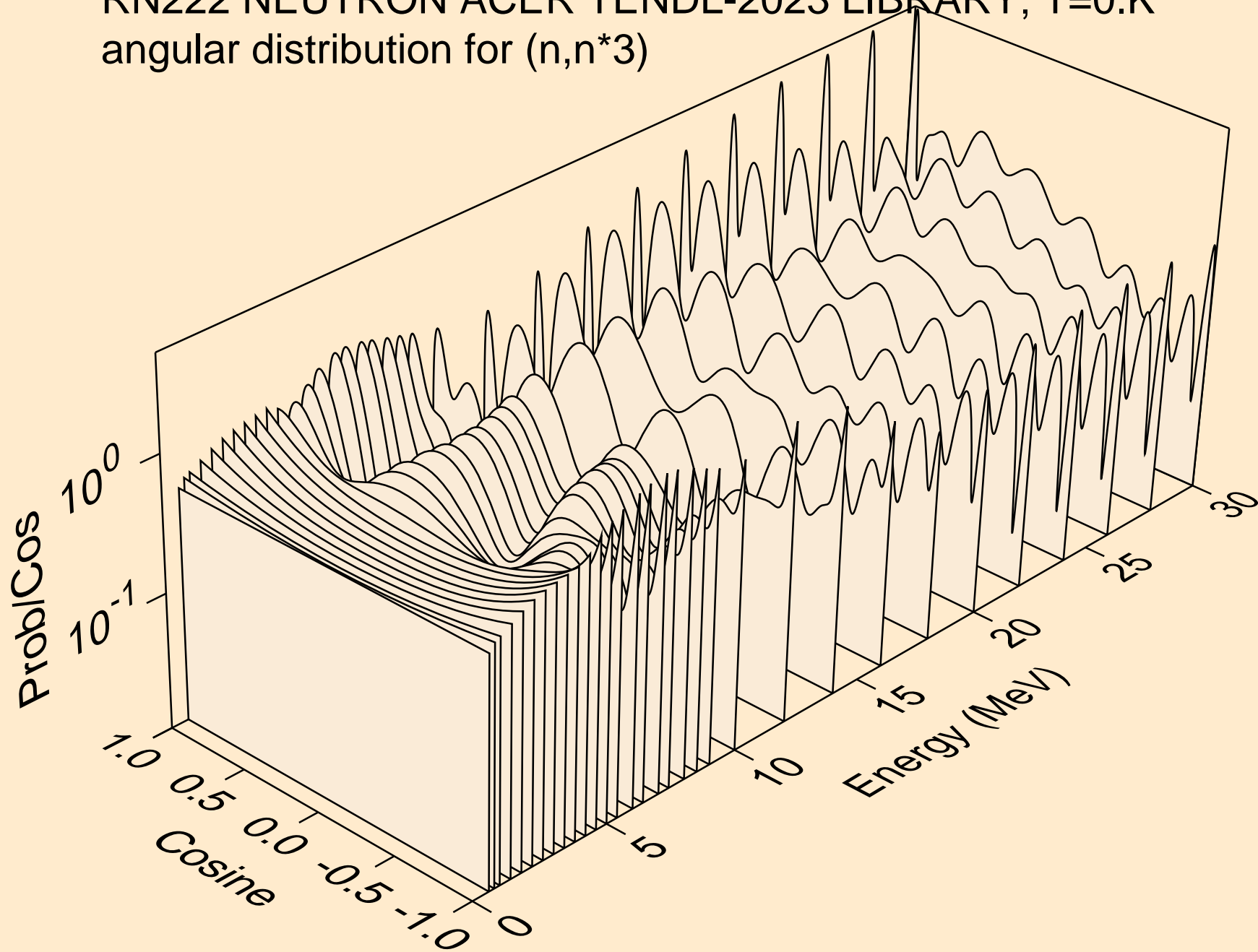
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

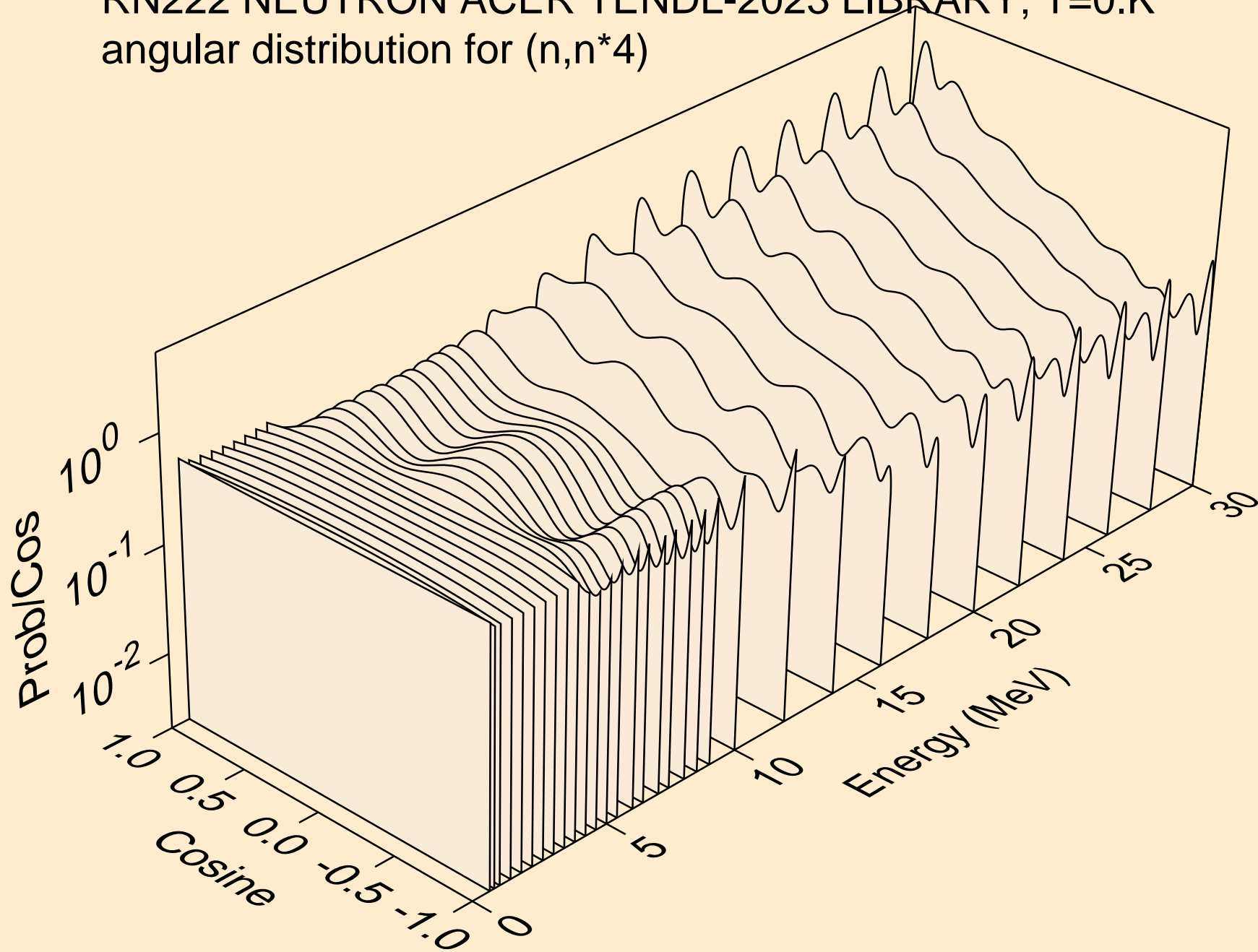


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

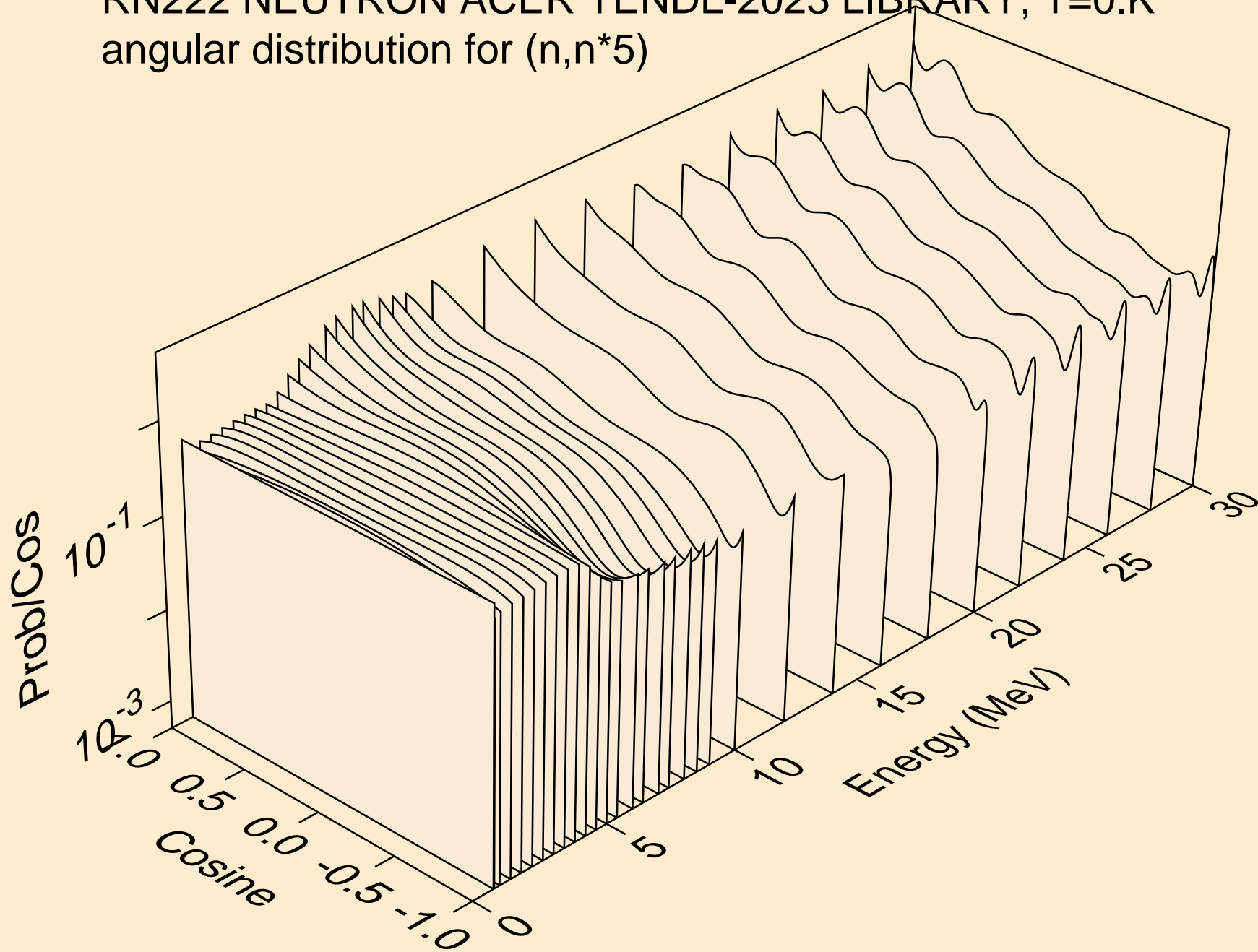




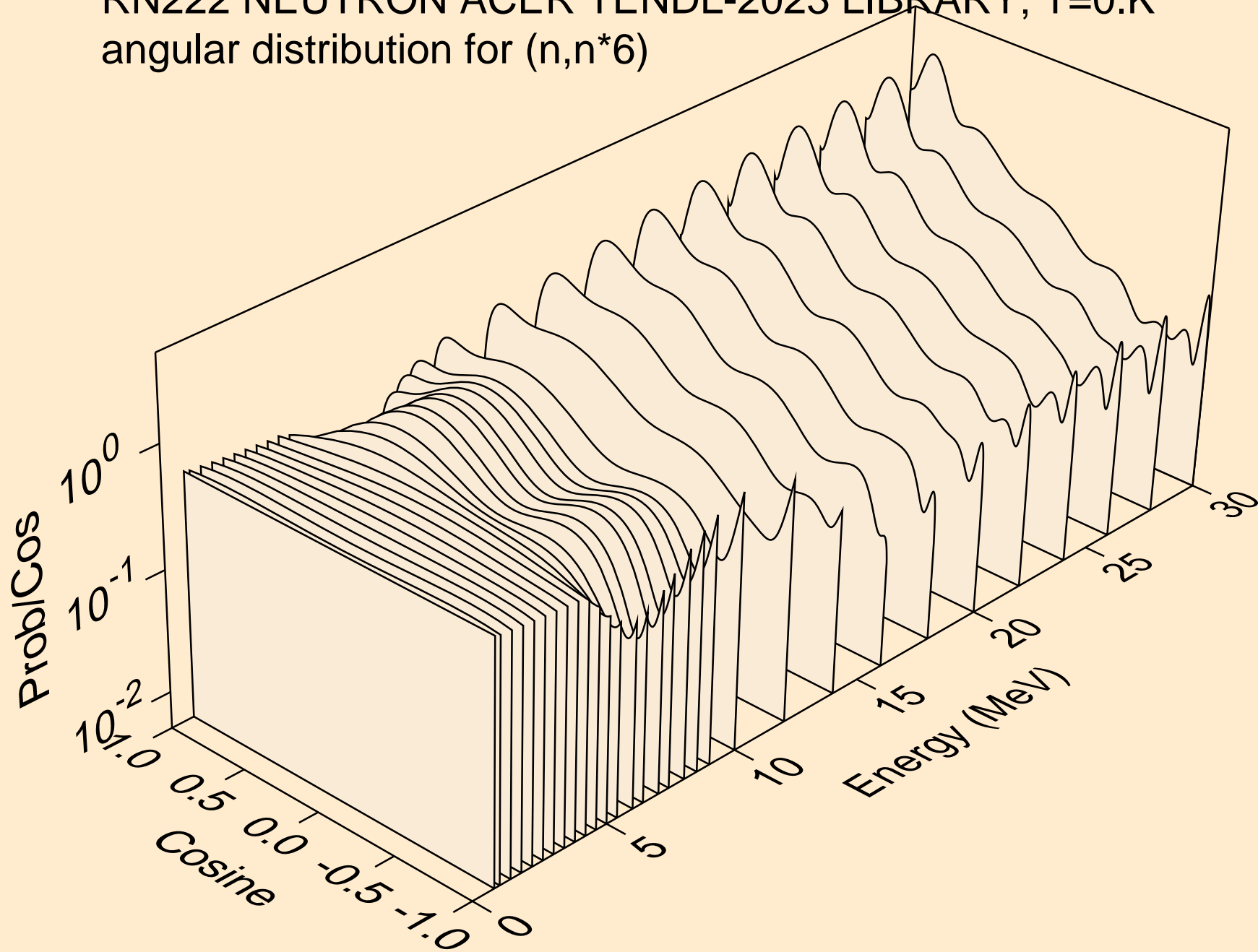
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angular distribution for (n,n\*4)



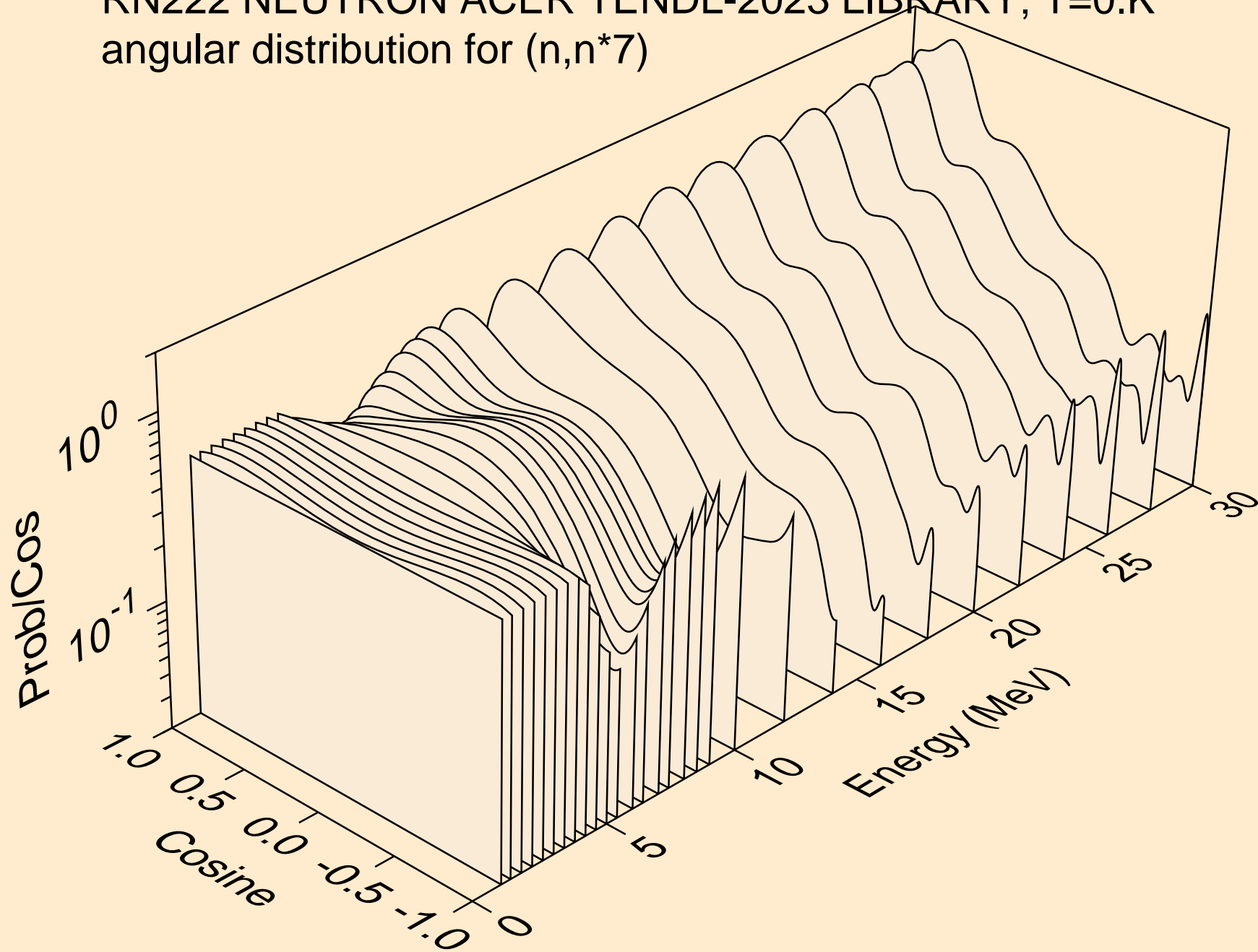
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angular distribution for (n,n\*5)



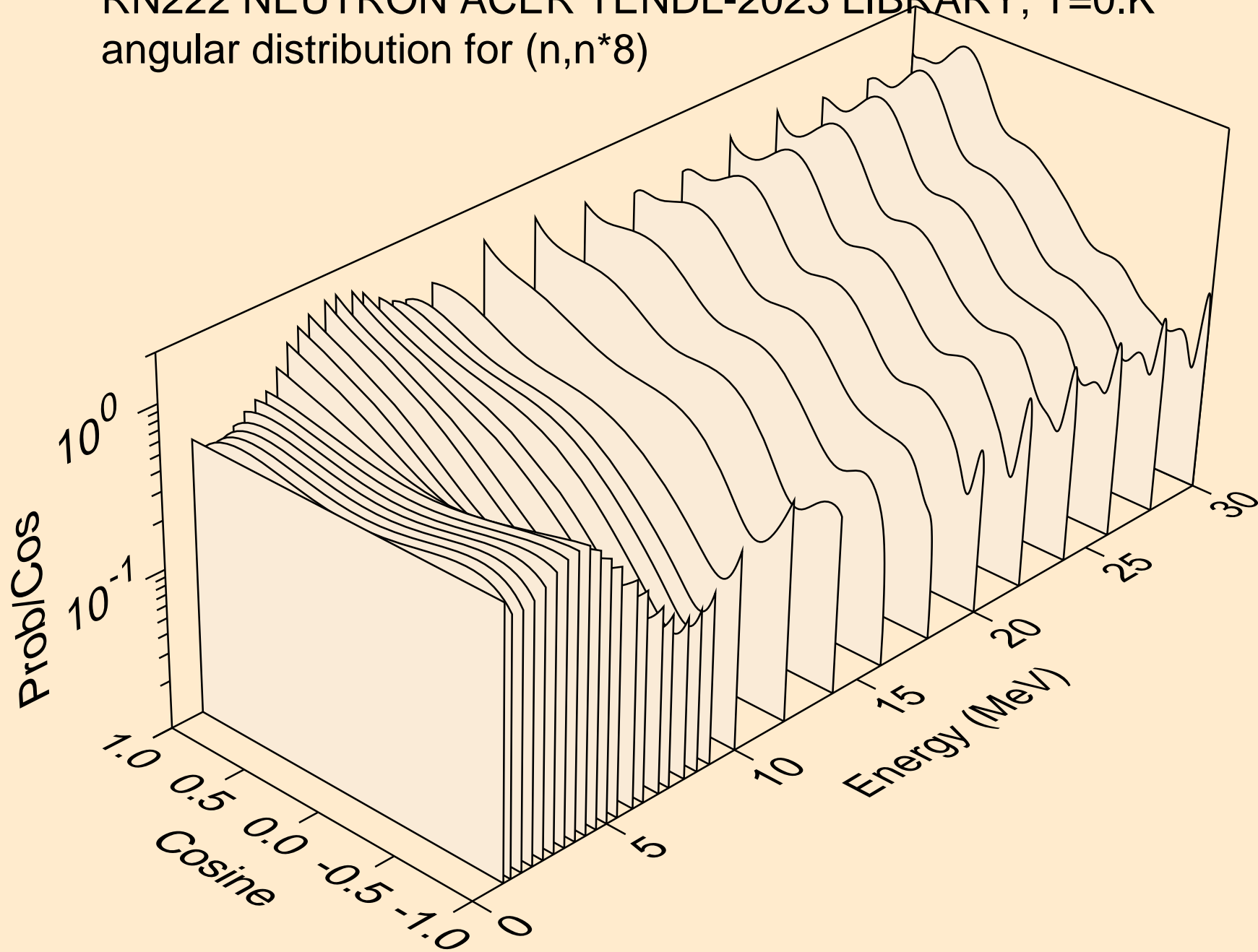
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

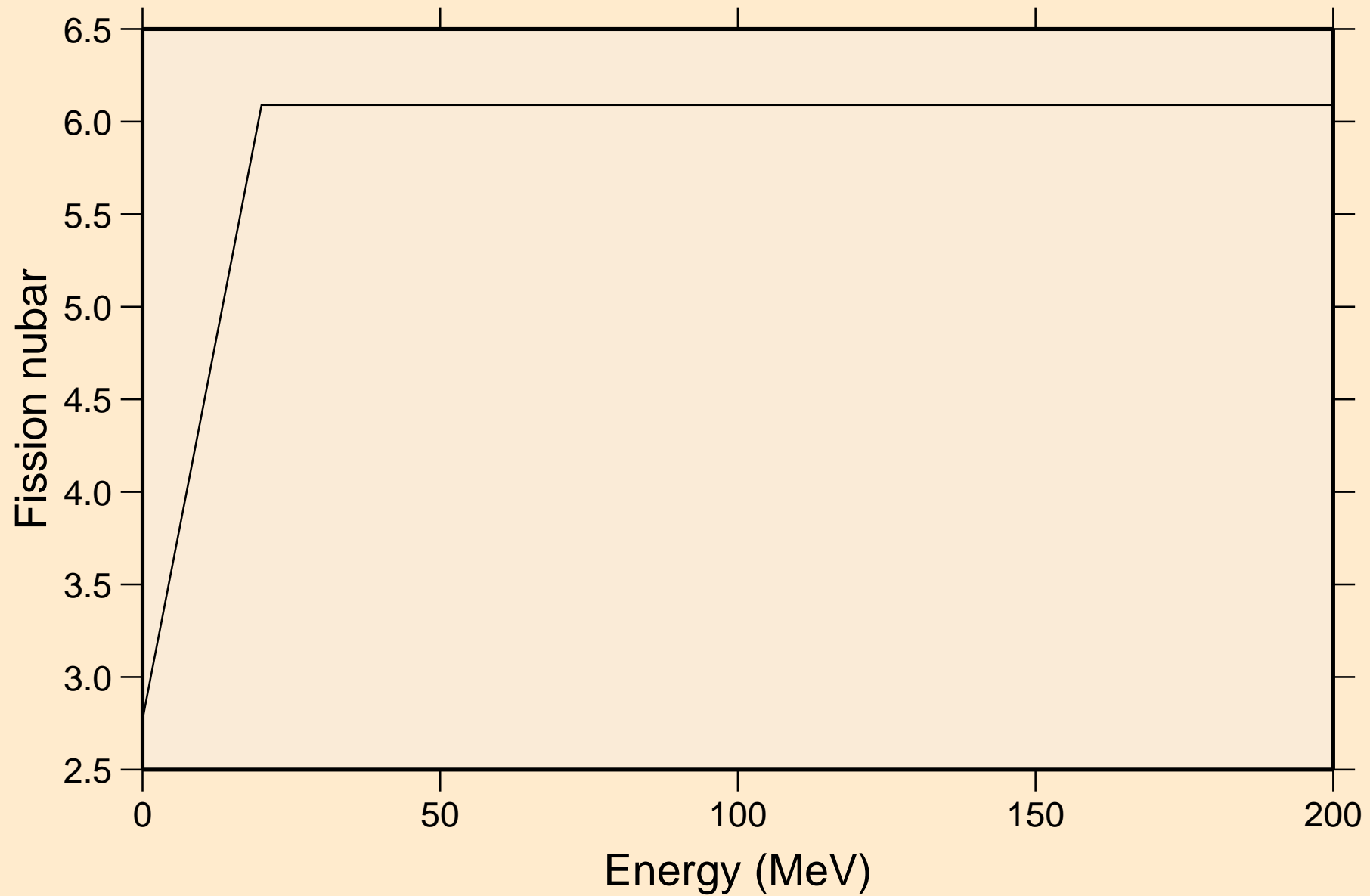


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

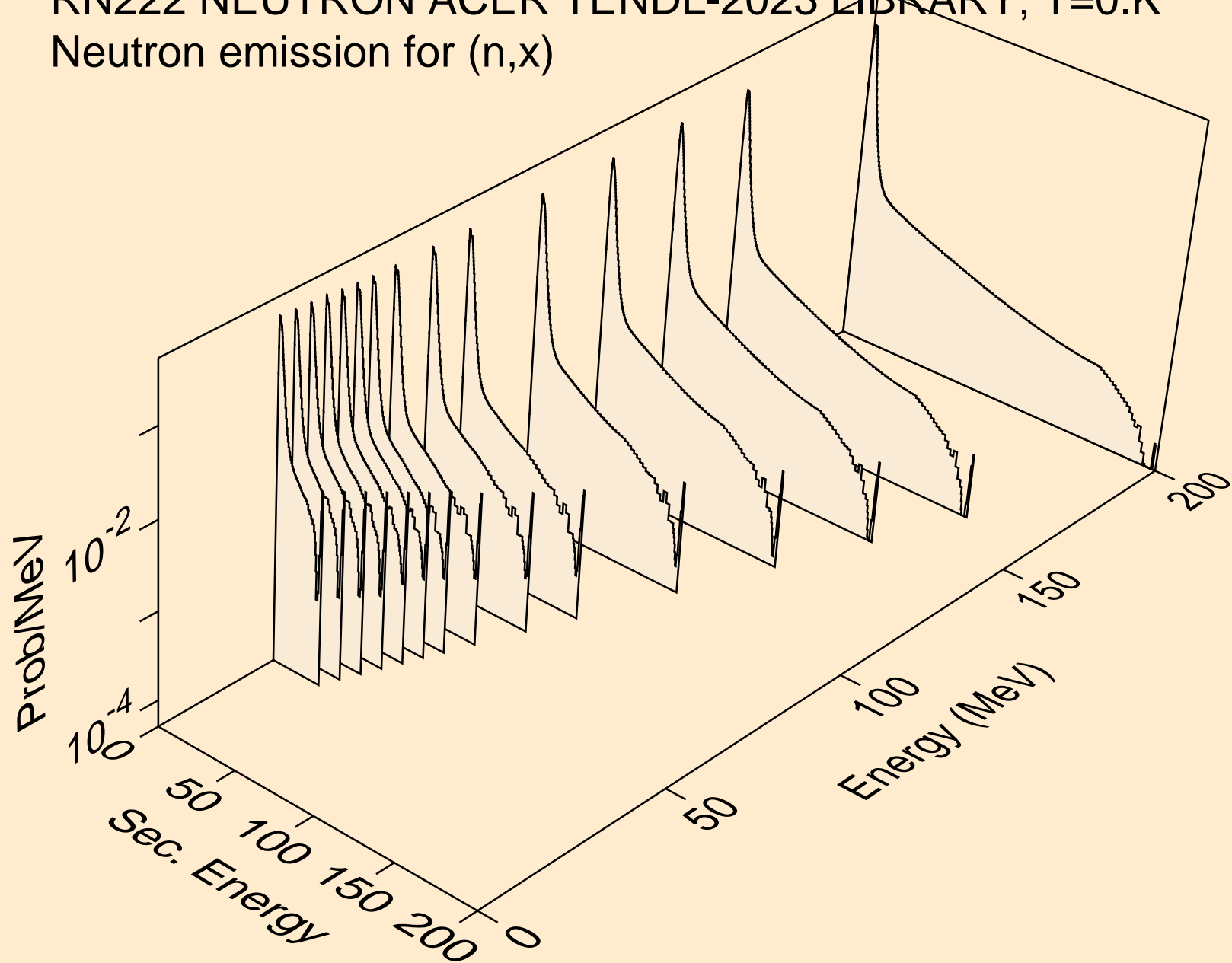


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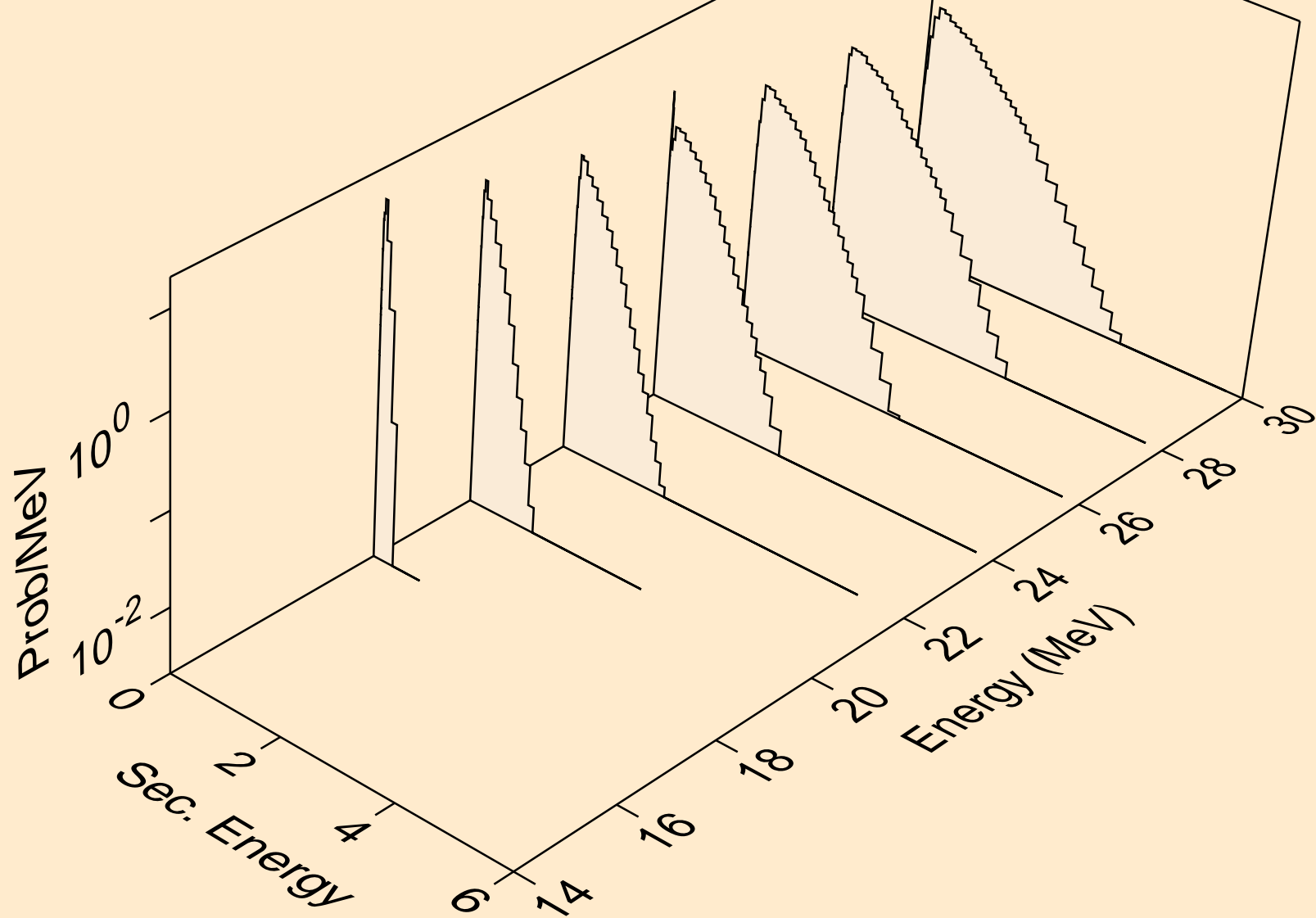
Total fission nubar



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

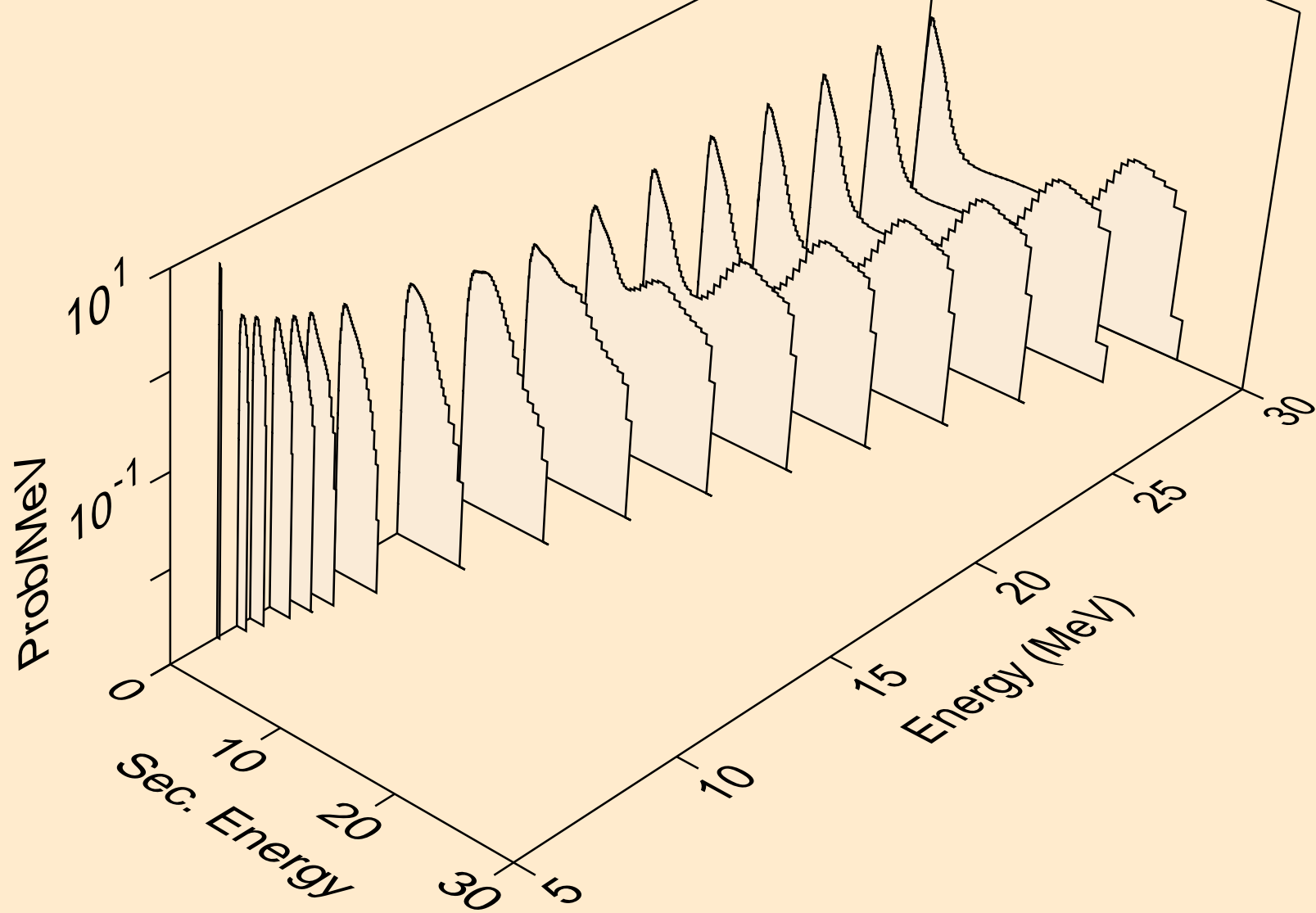


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

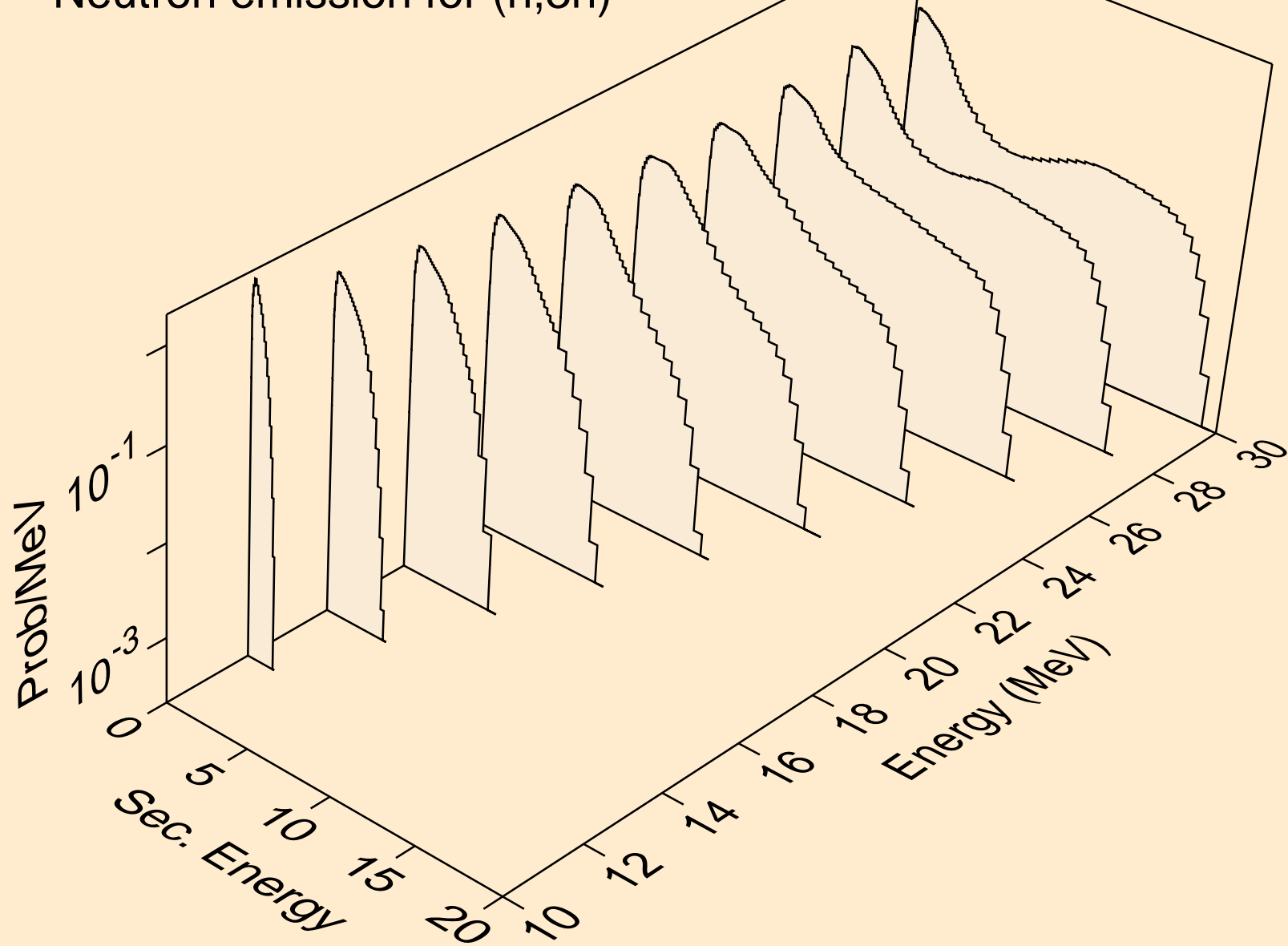




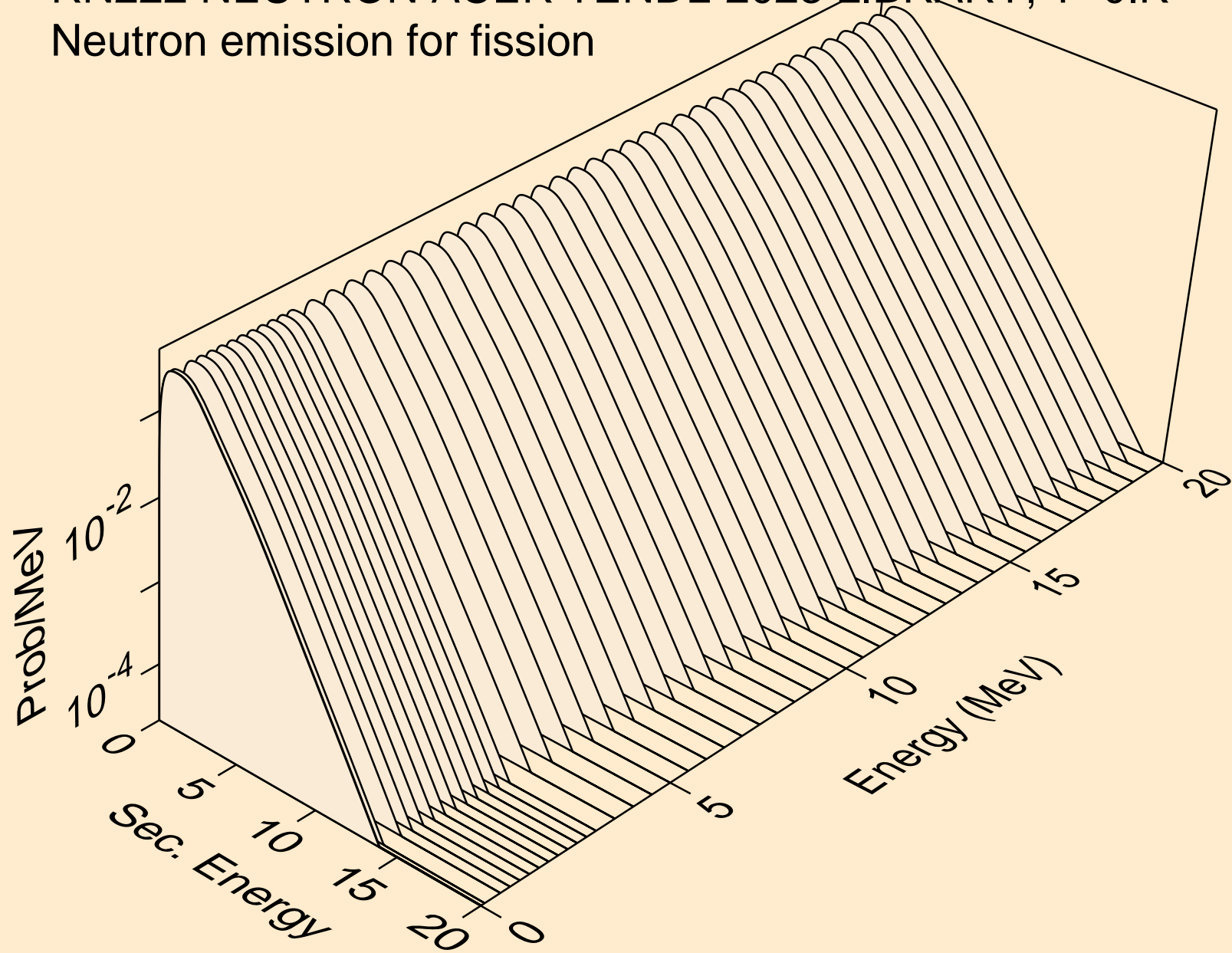
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



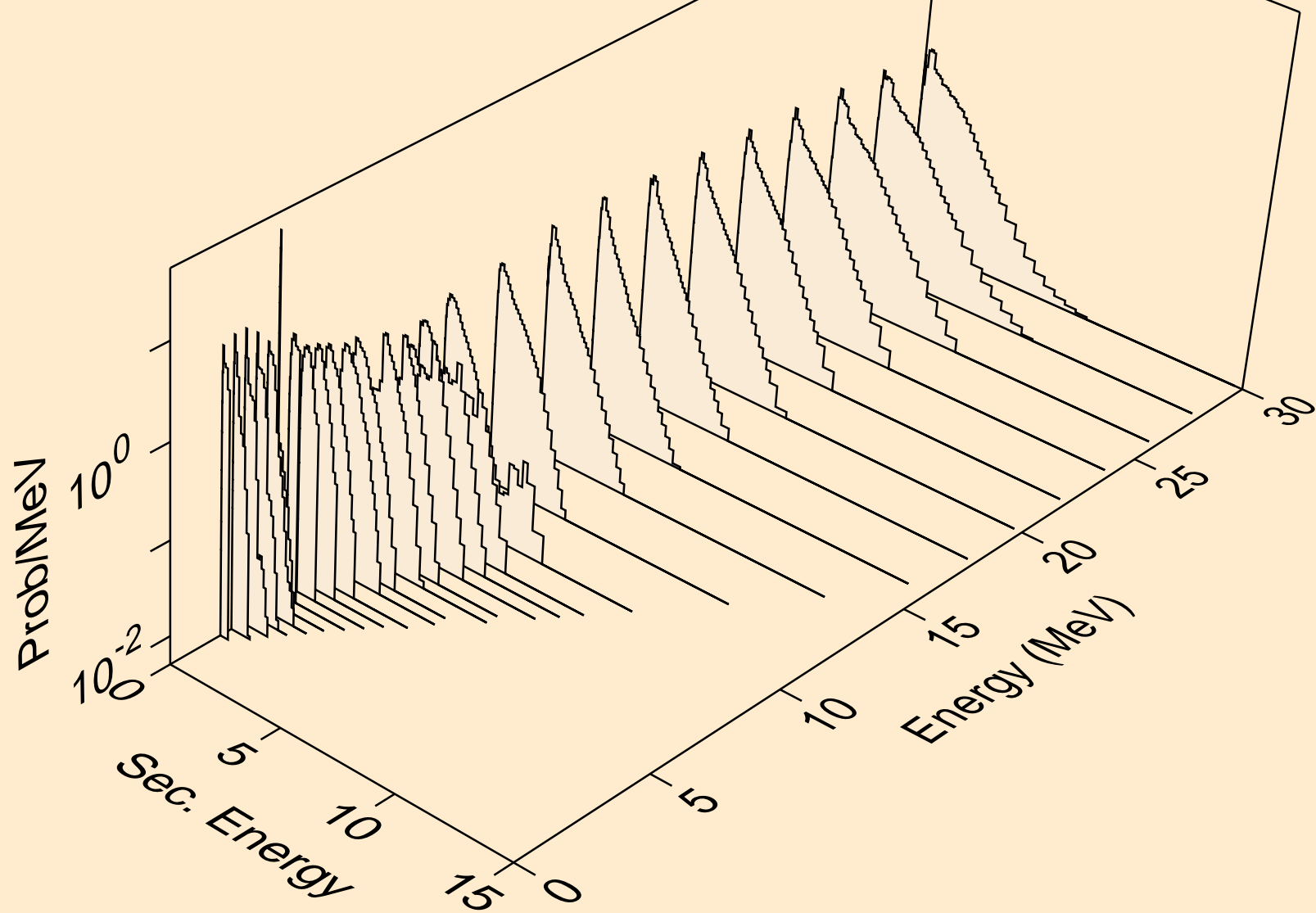
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



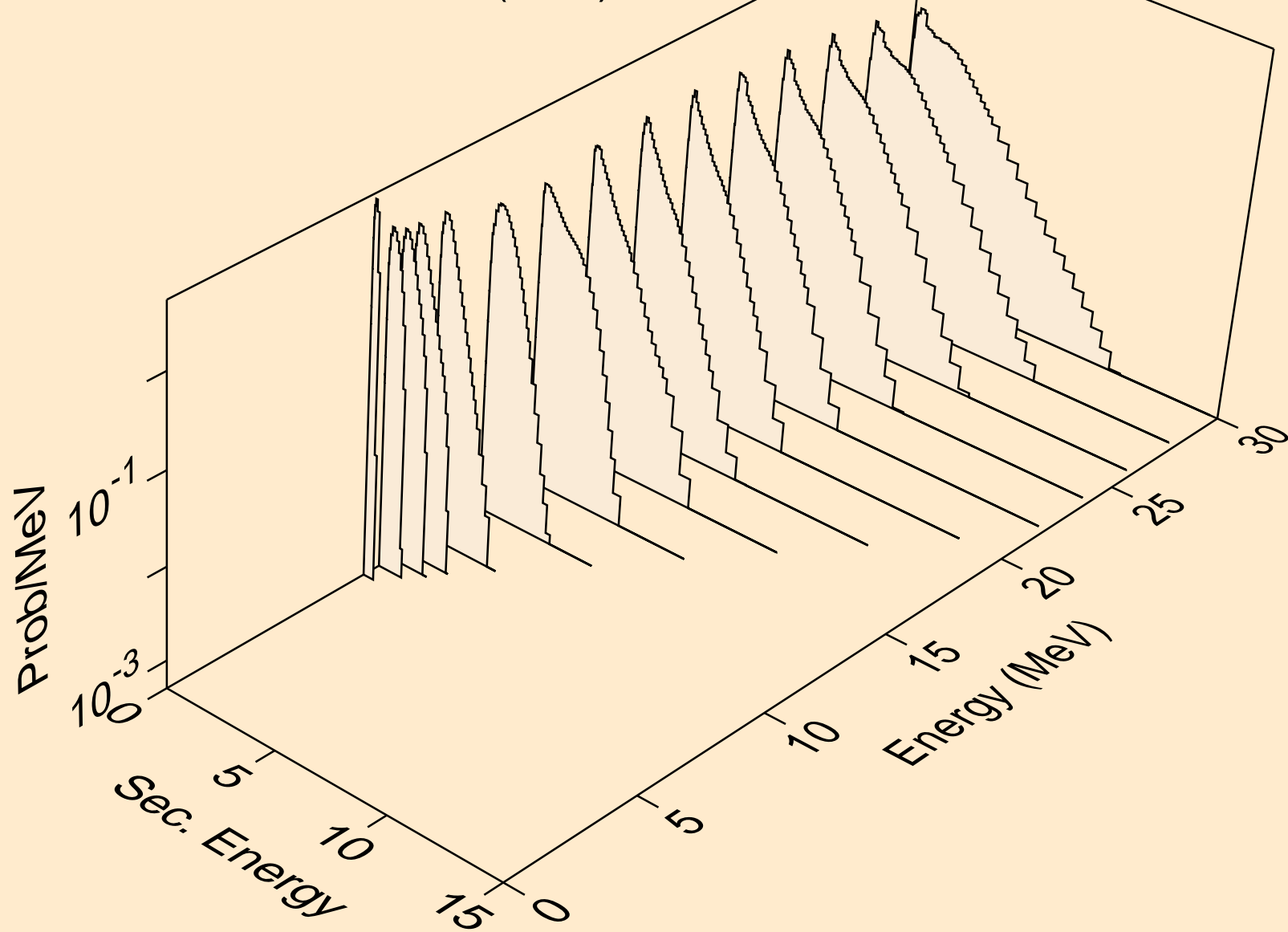
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



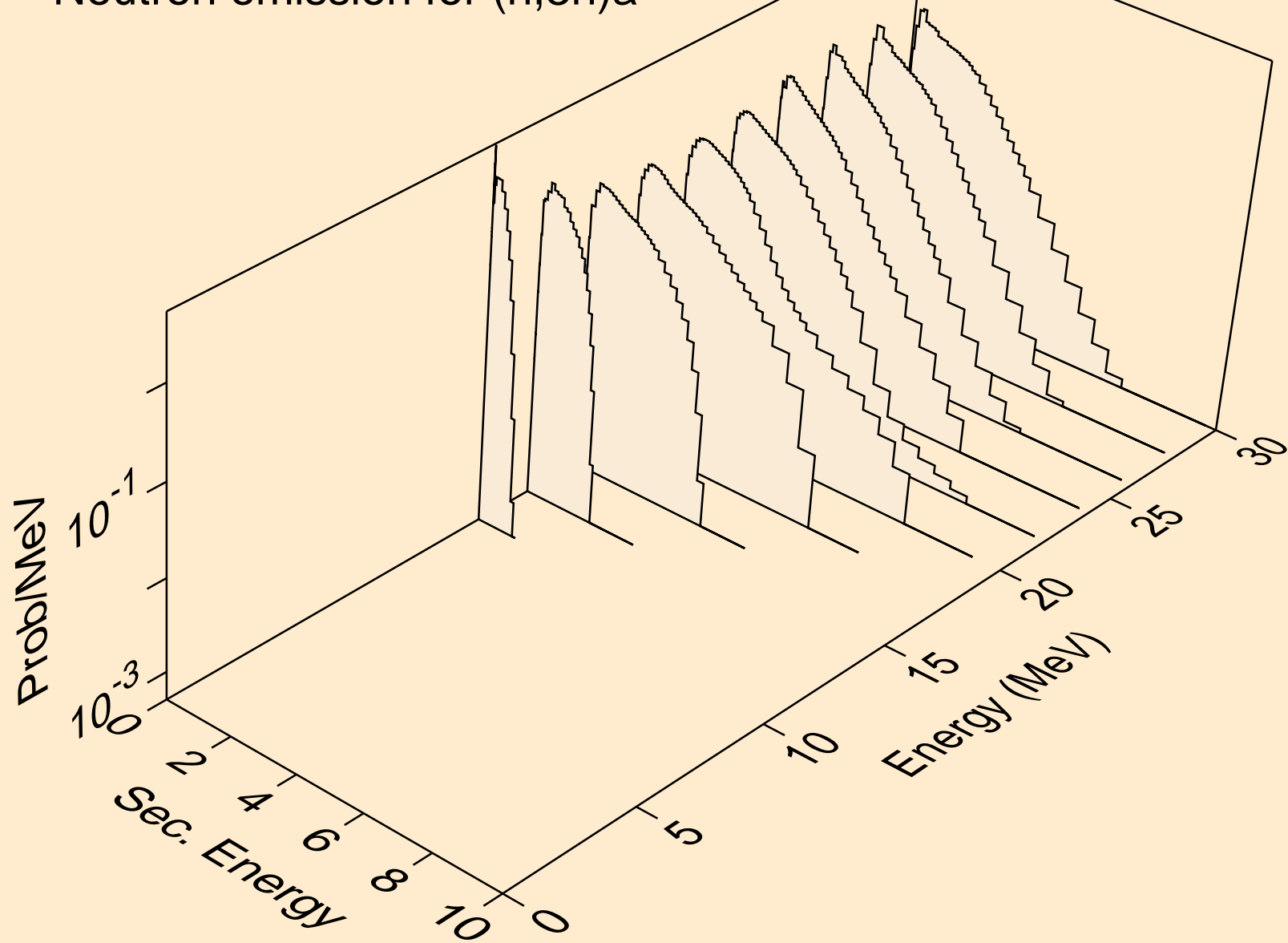
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



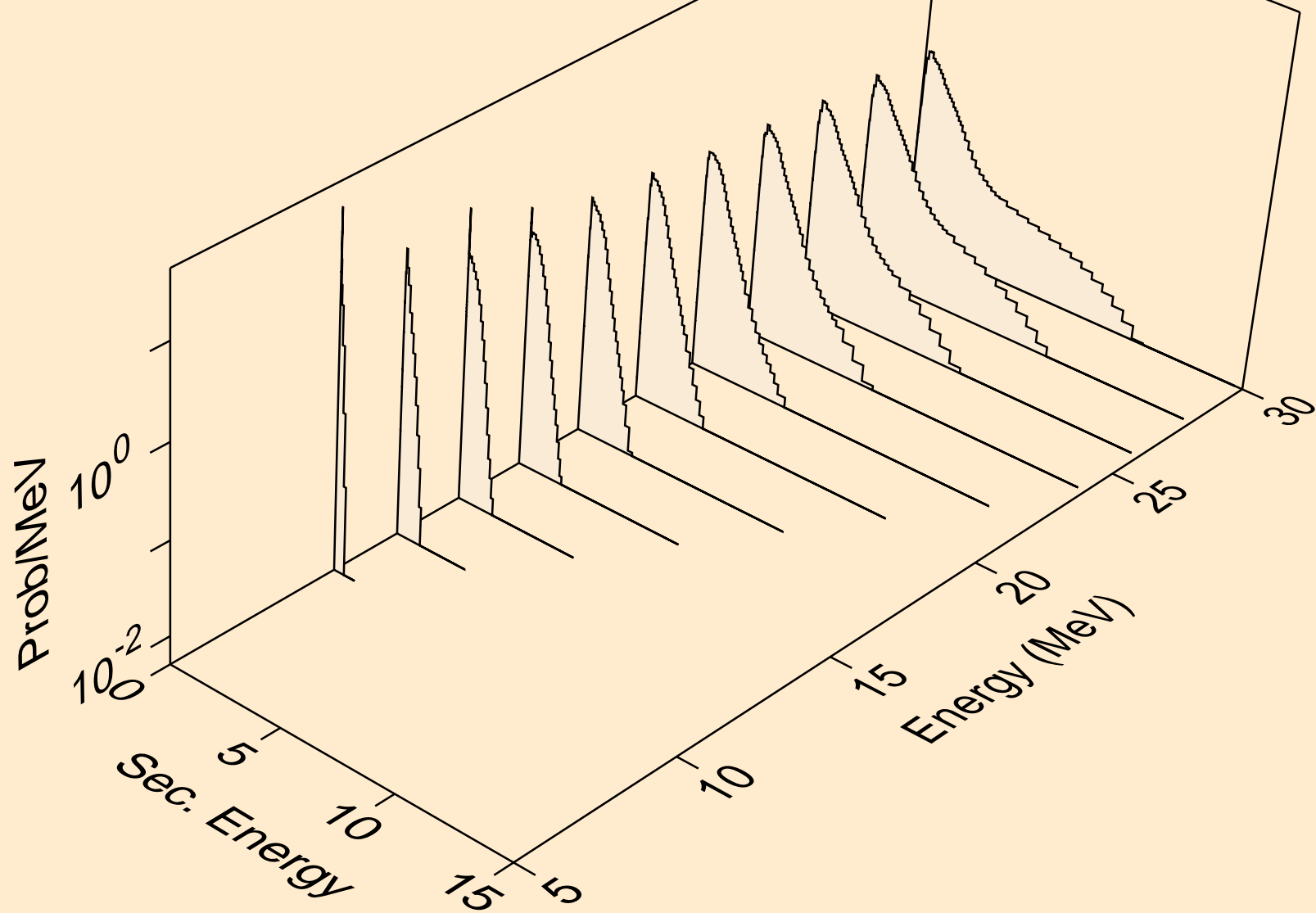
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



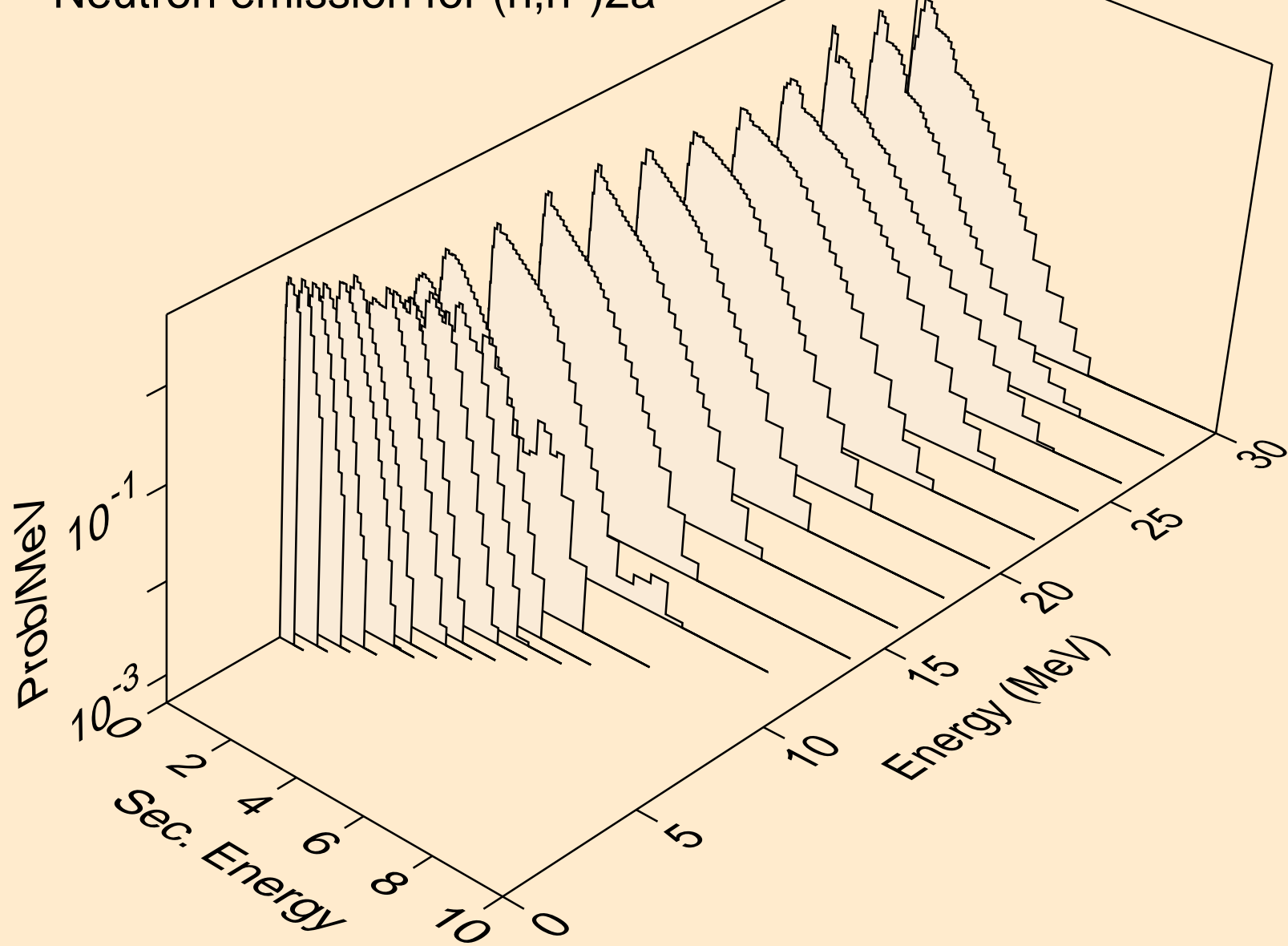
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

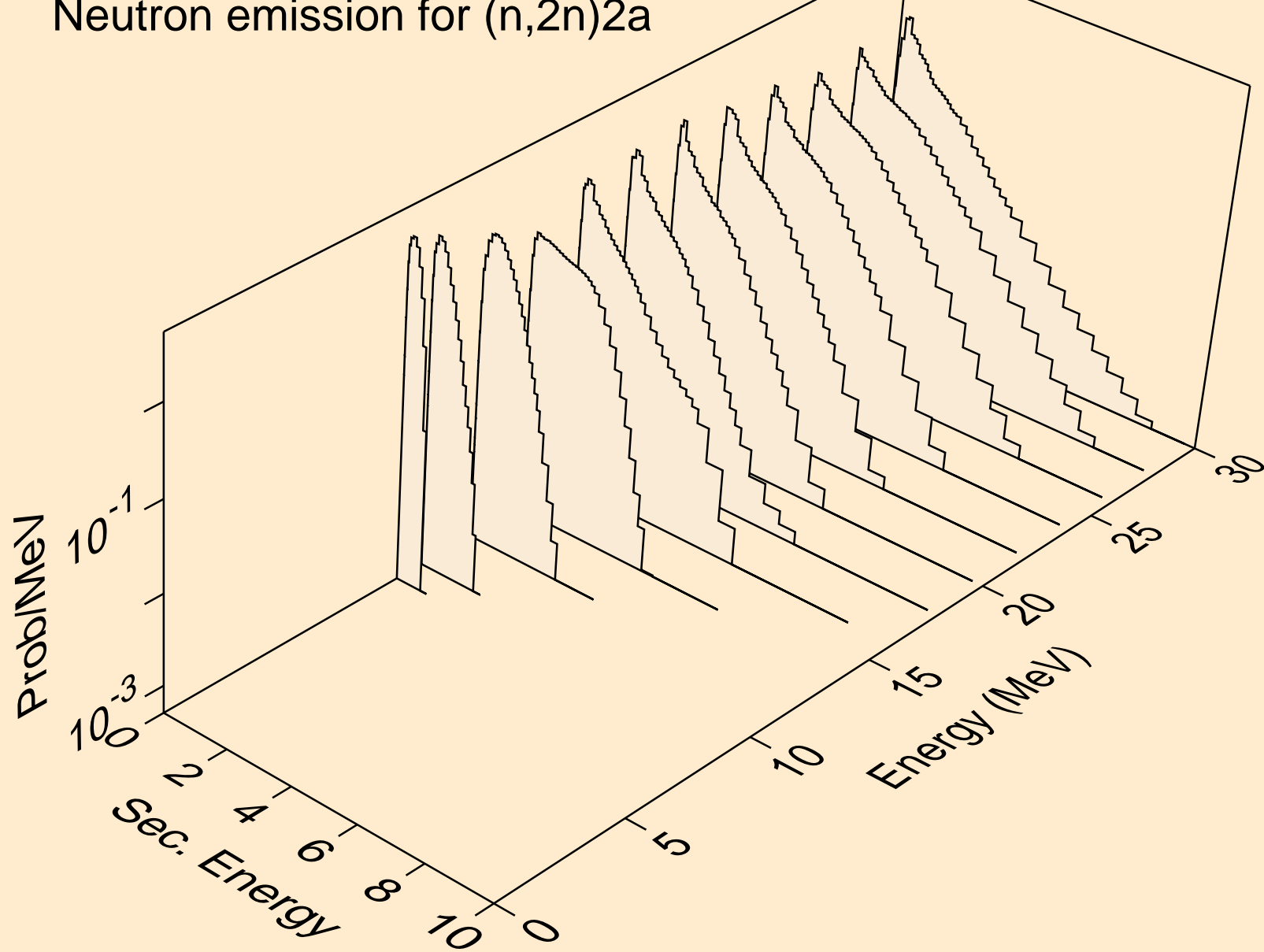


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

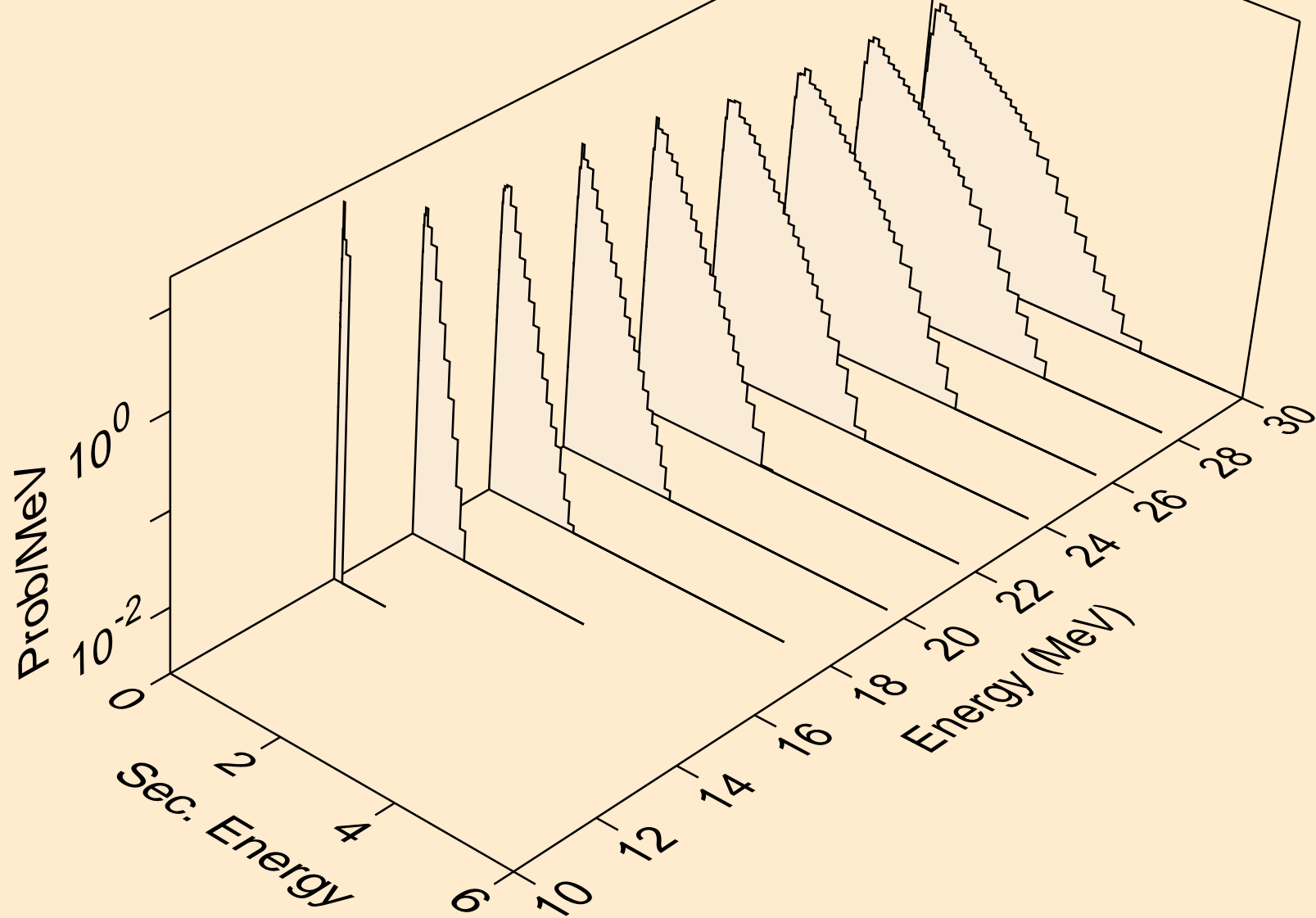




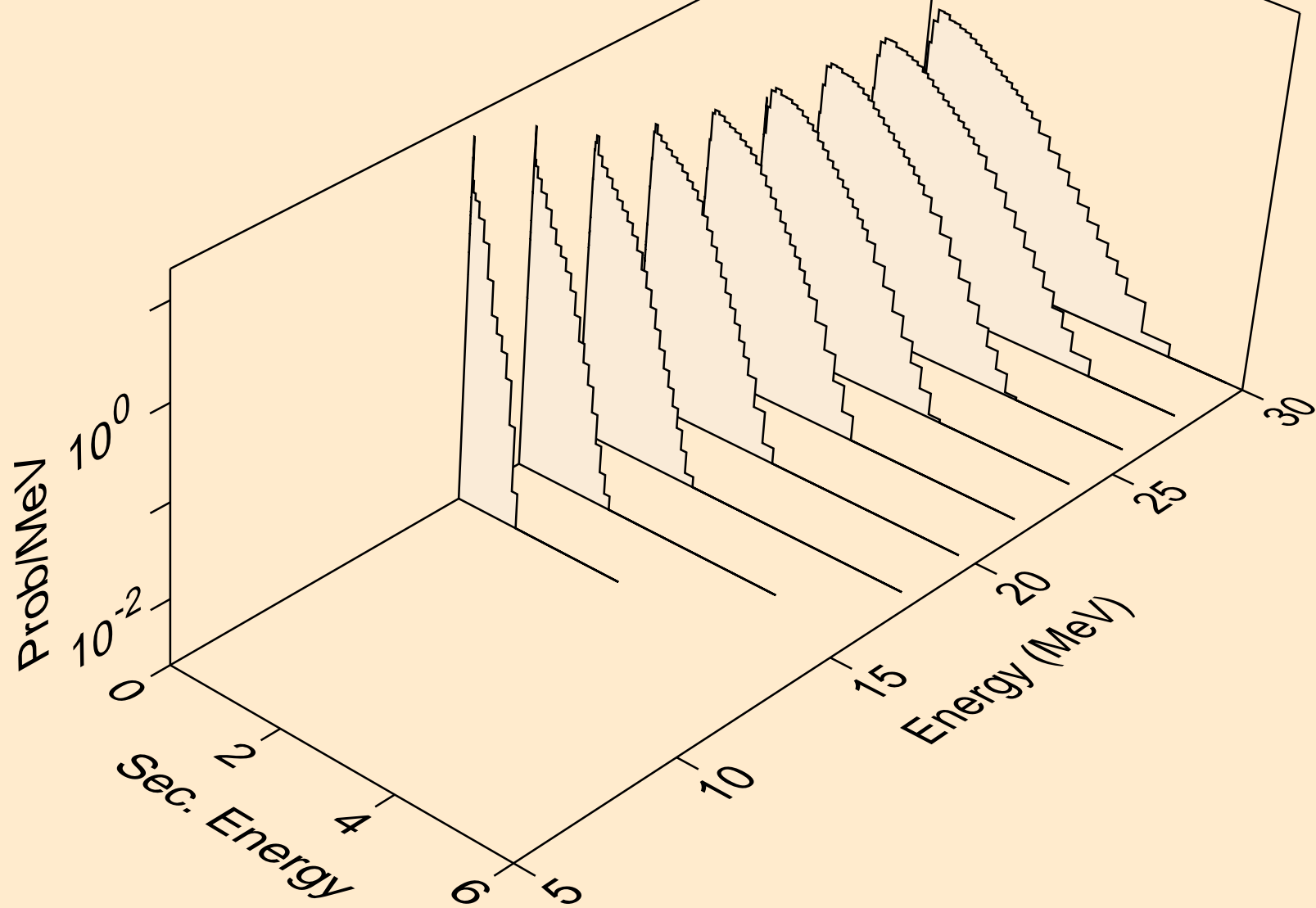
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



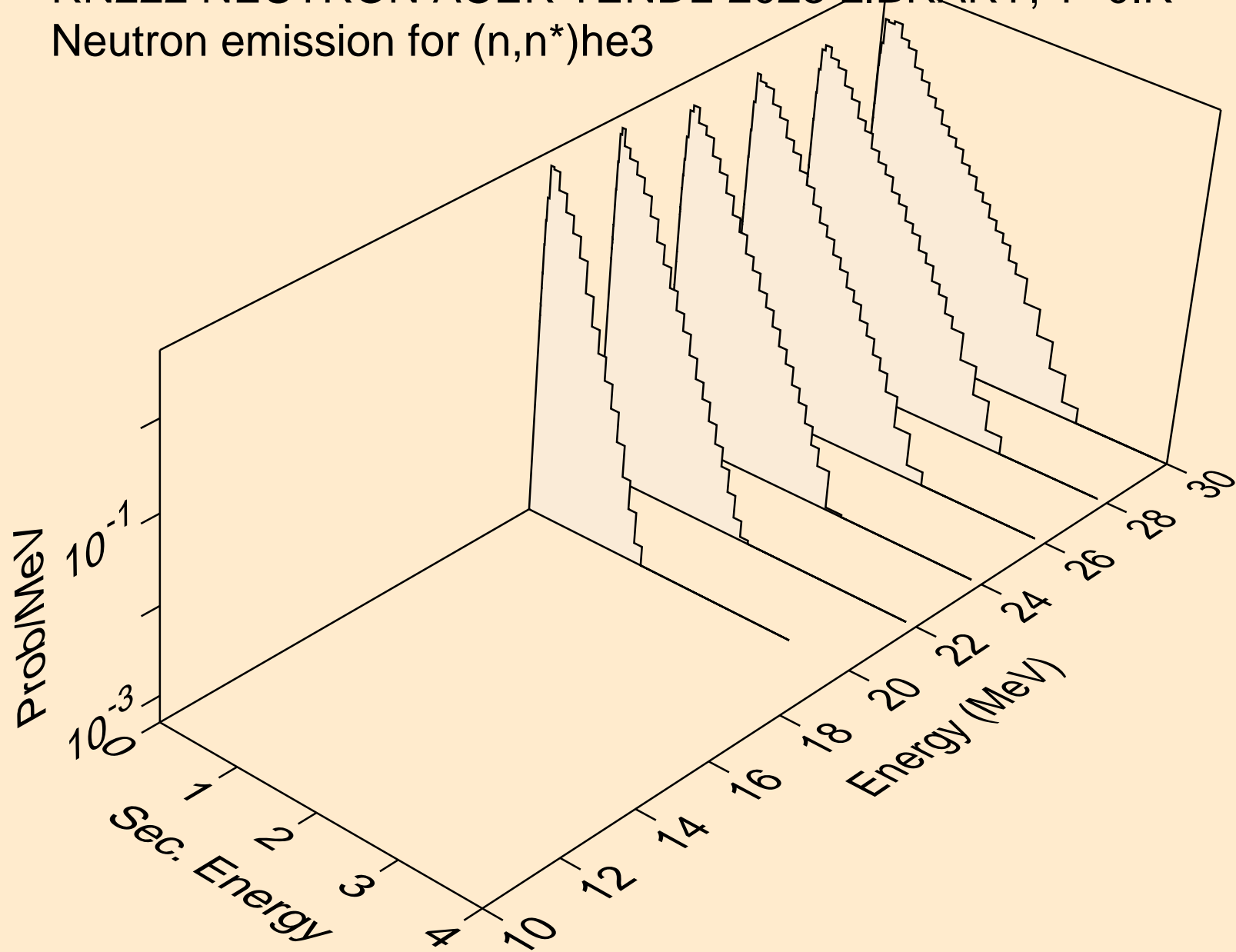
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Neutron emission for (n,n\*)d



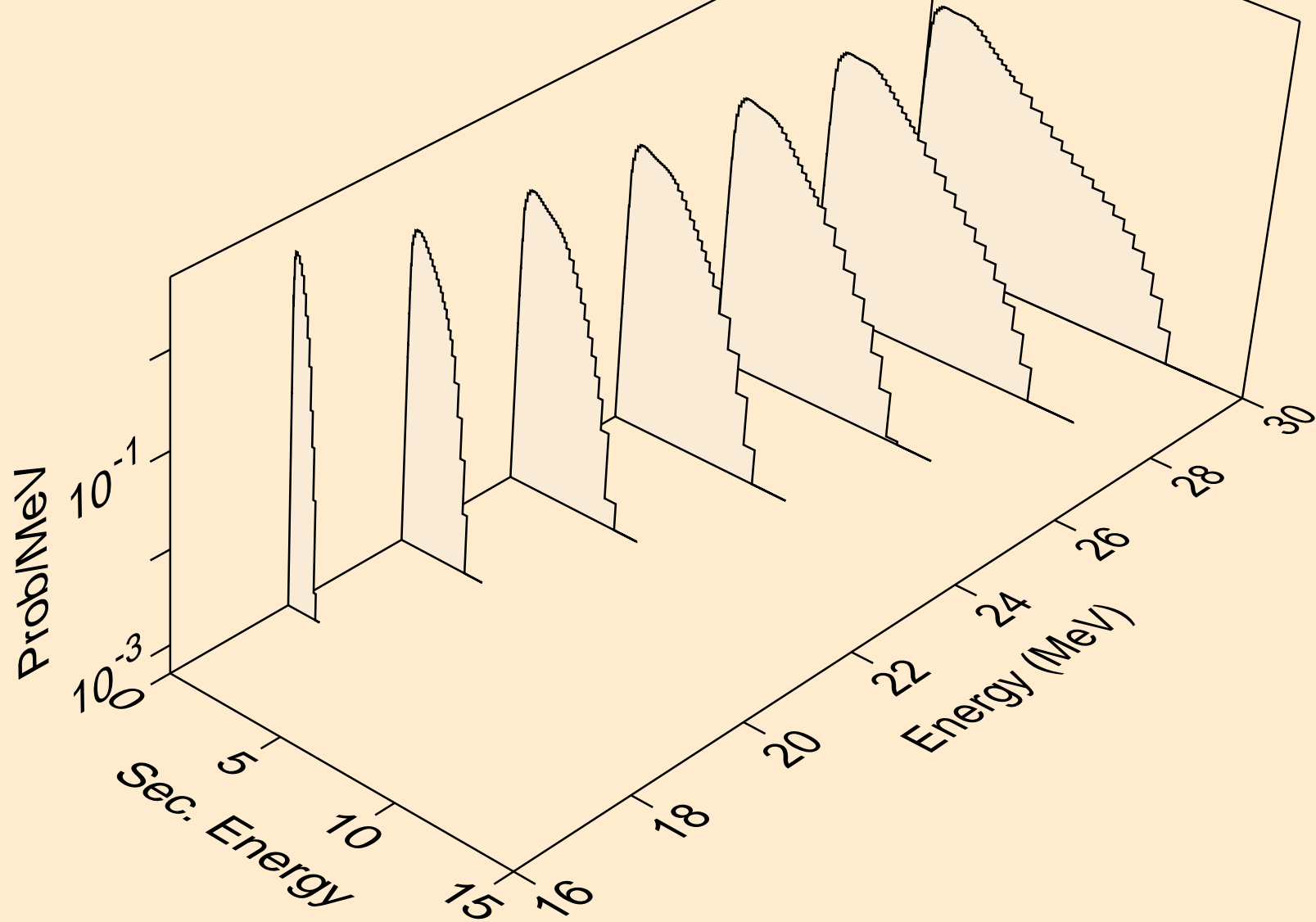
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Neutron emission for (n,n\*)t



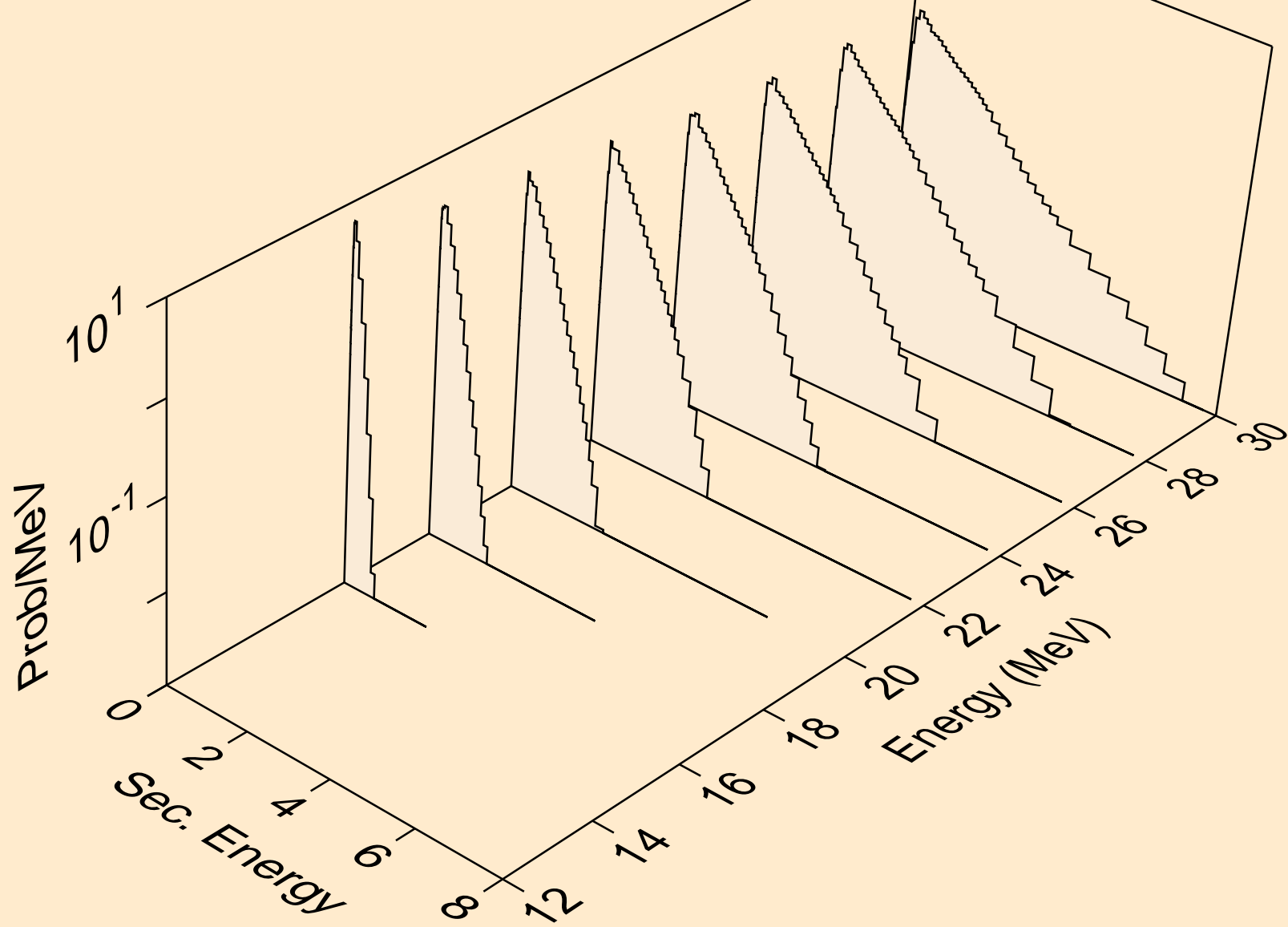
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



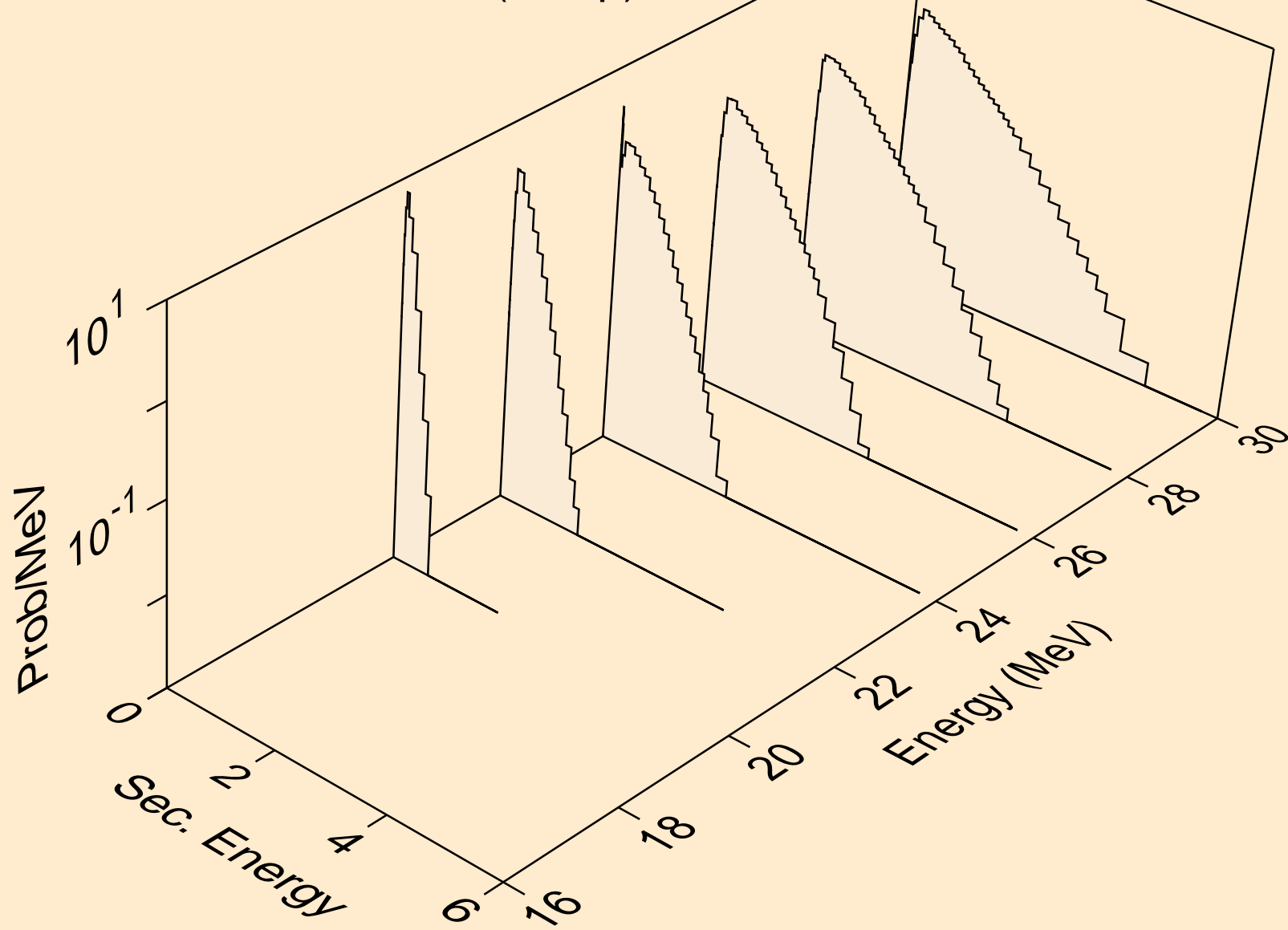
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



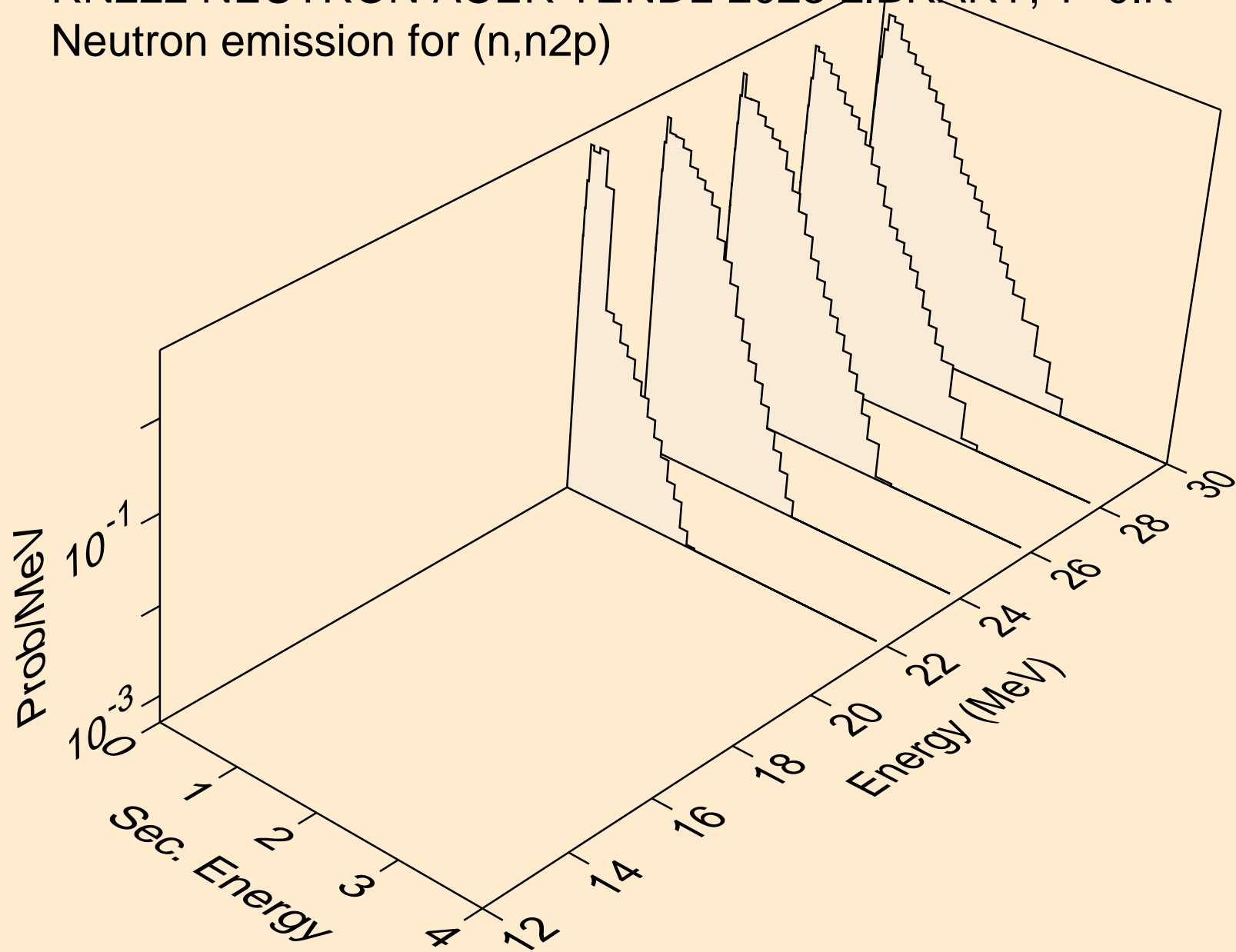
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

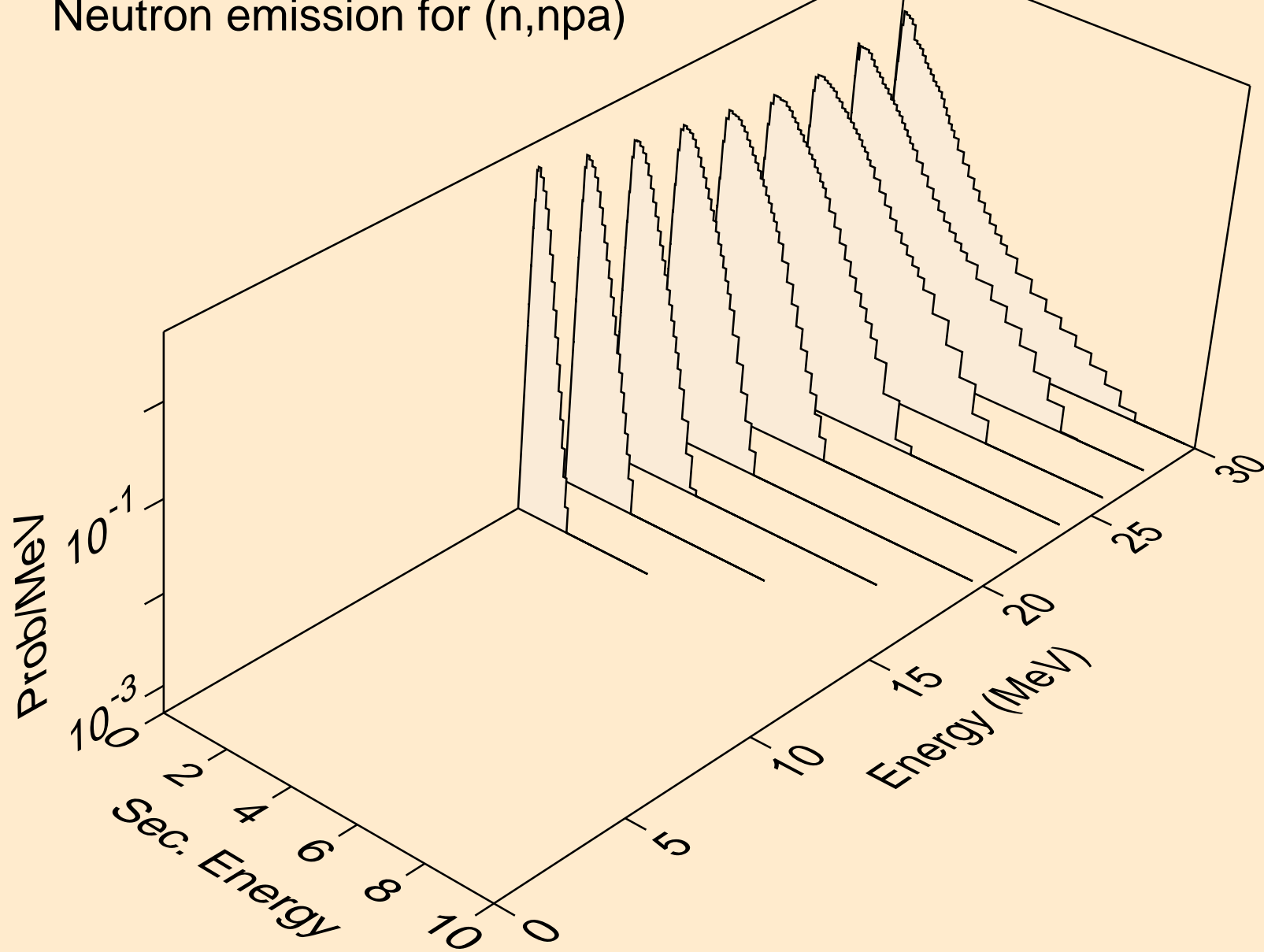


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

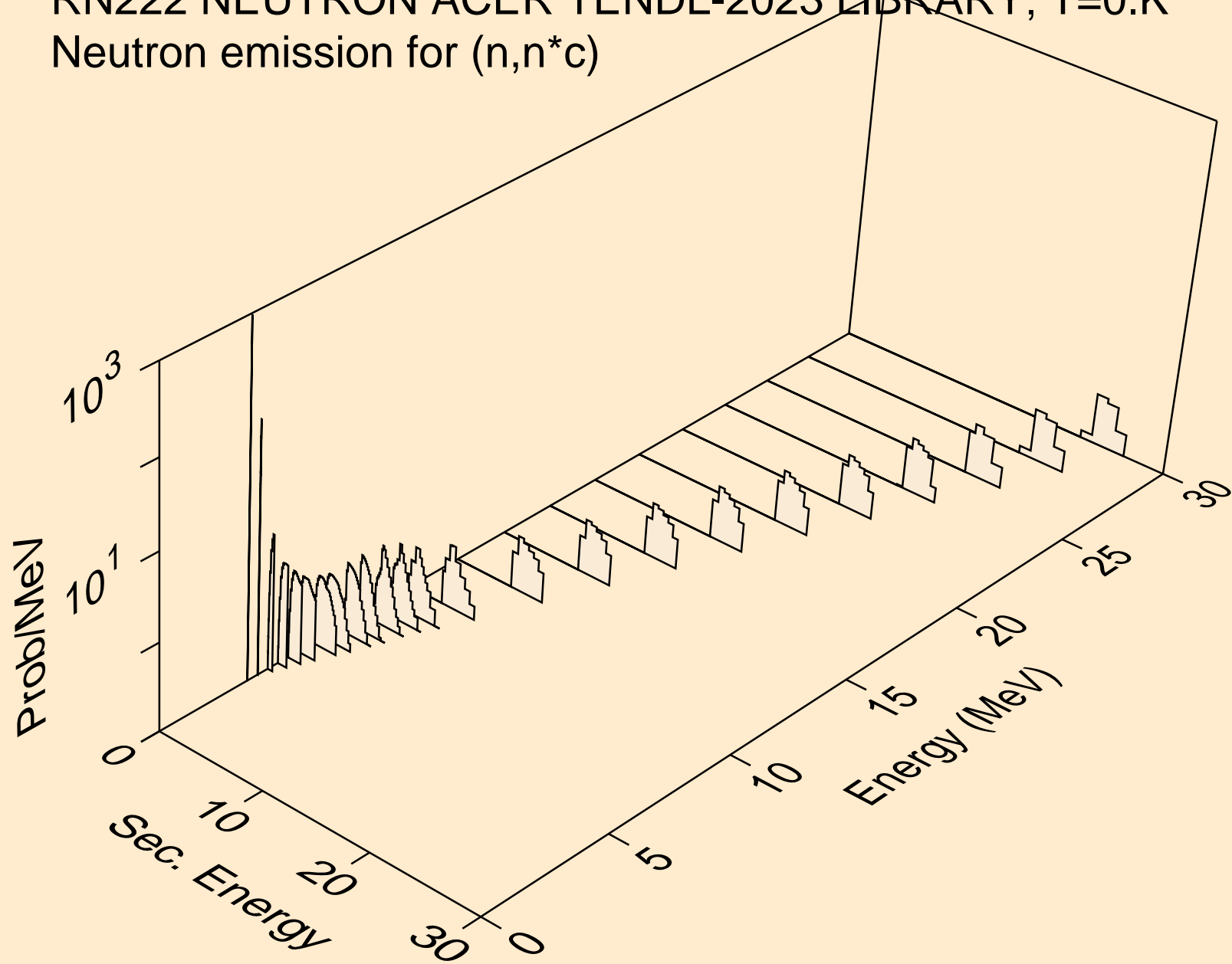




RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

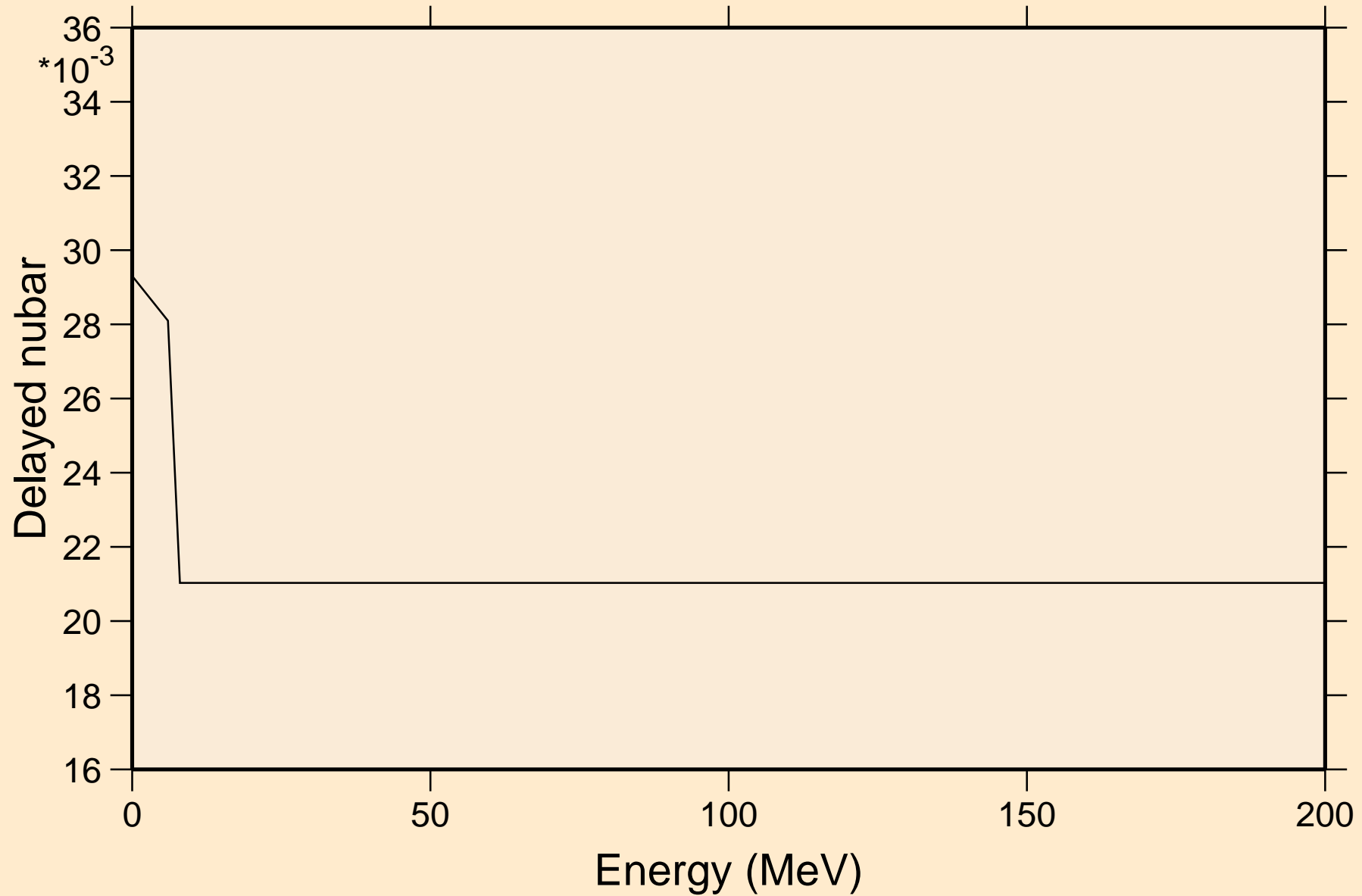


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



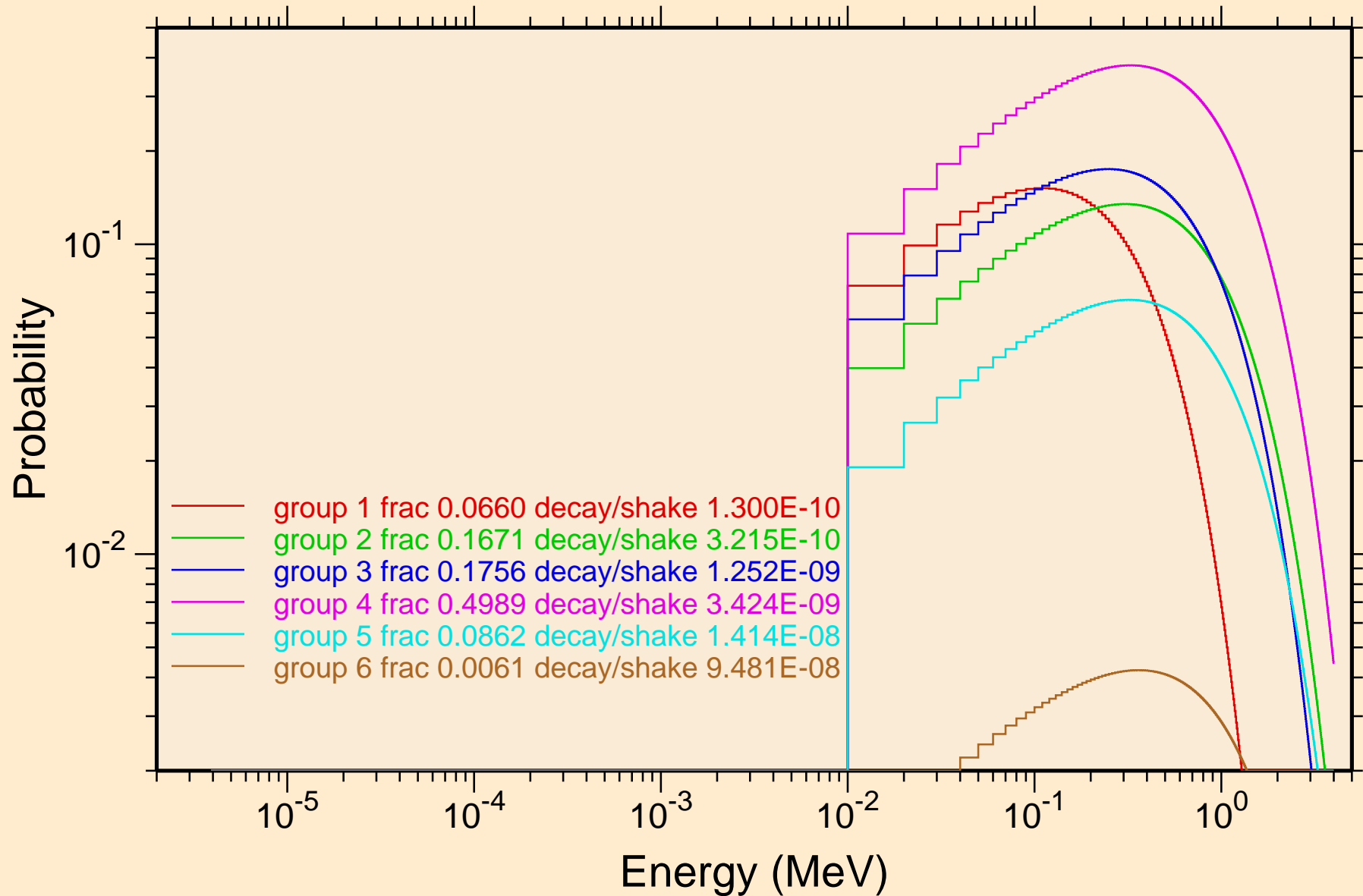
# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar

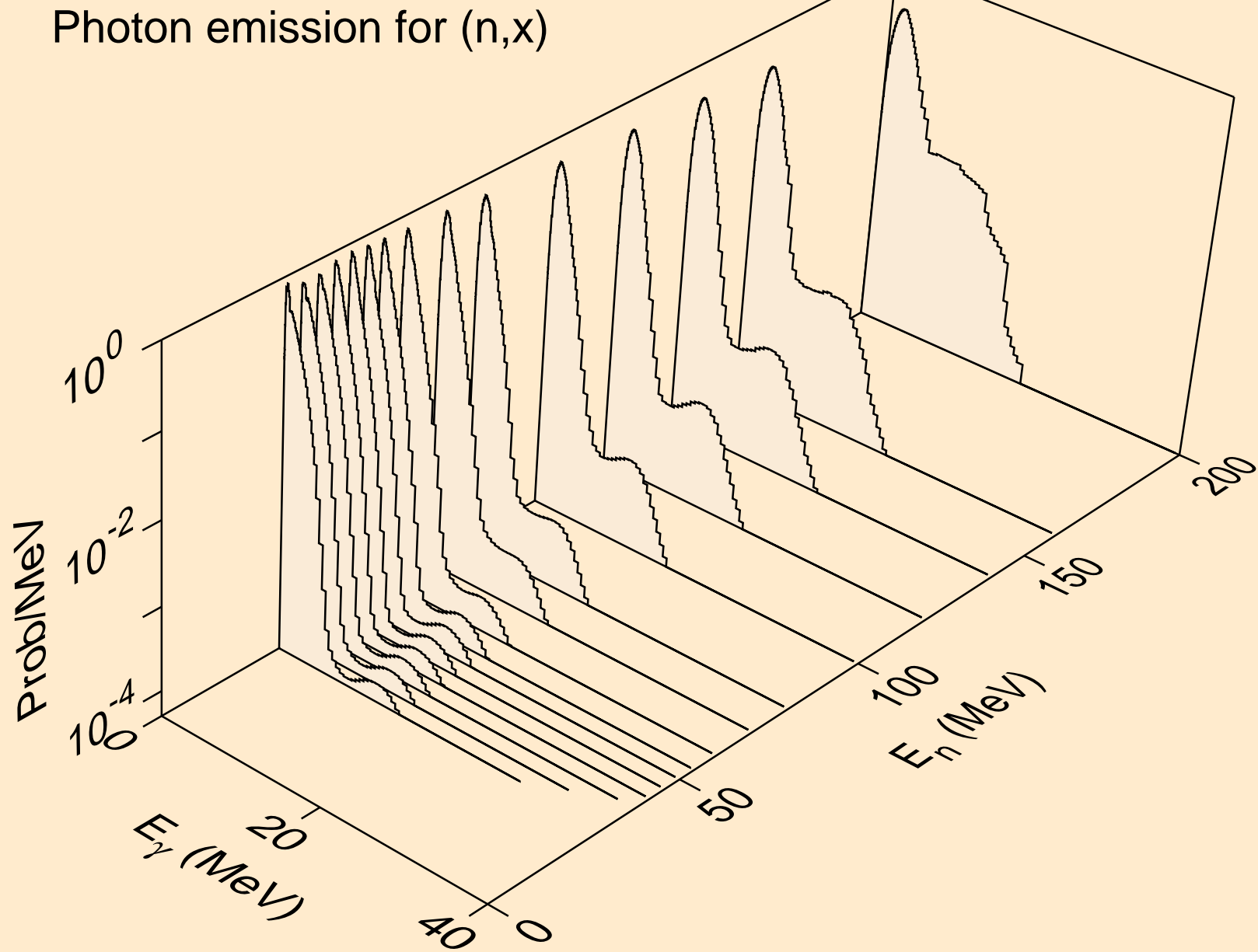


# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

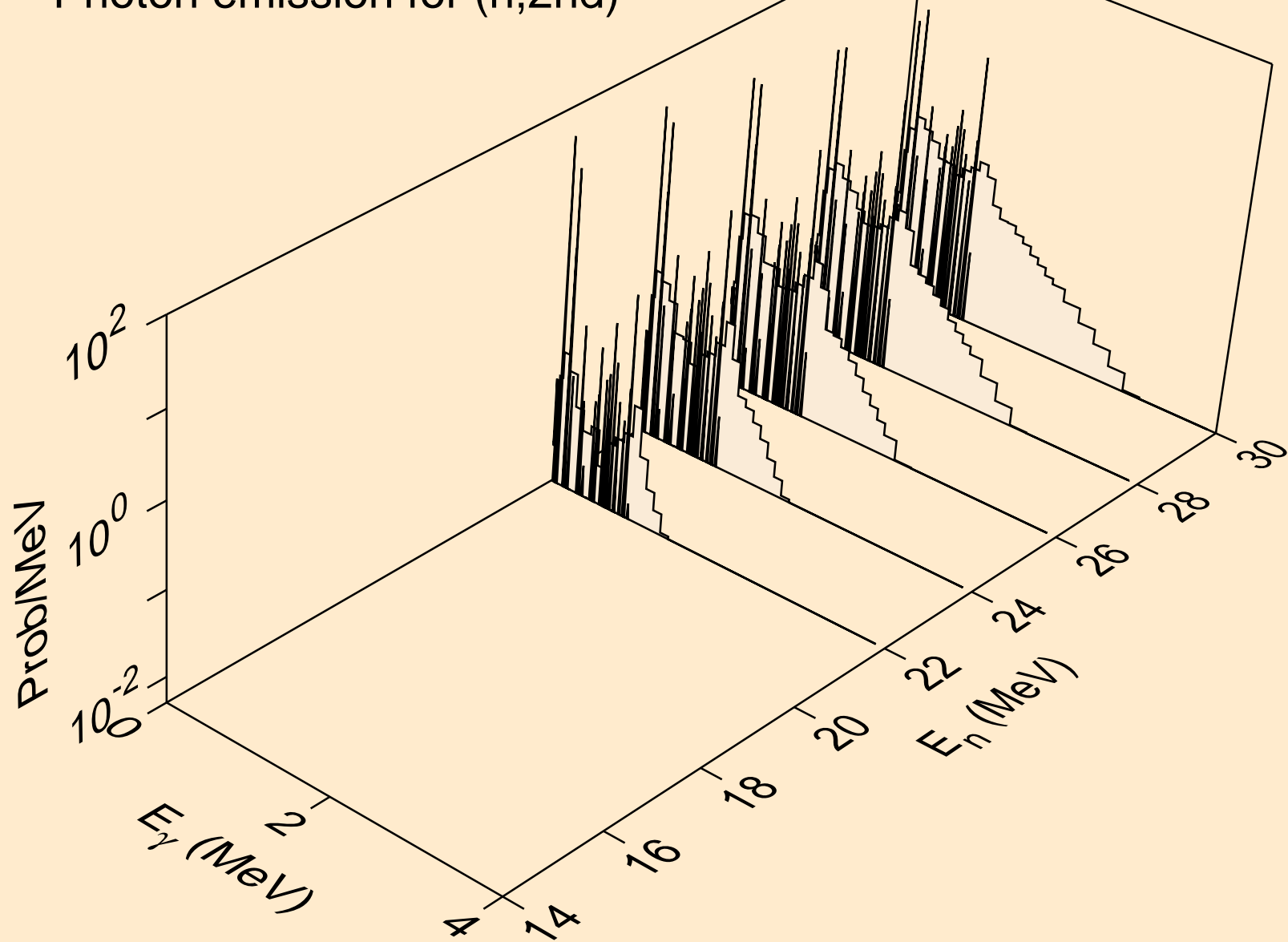
## Delayed neutron spectra



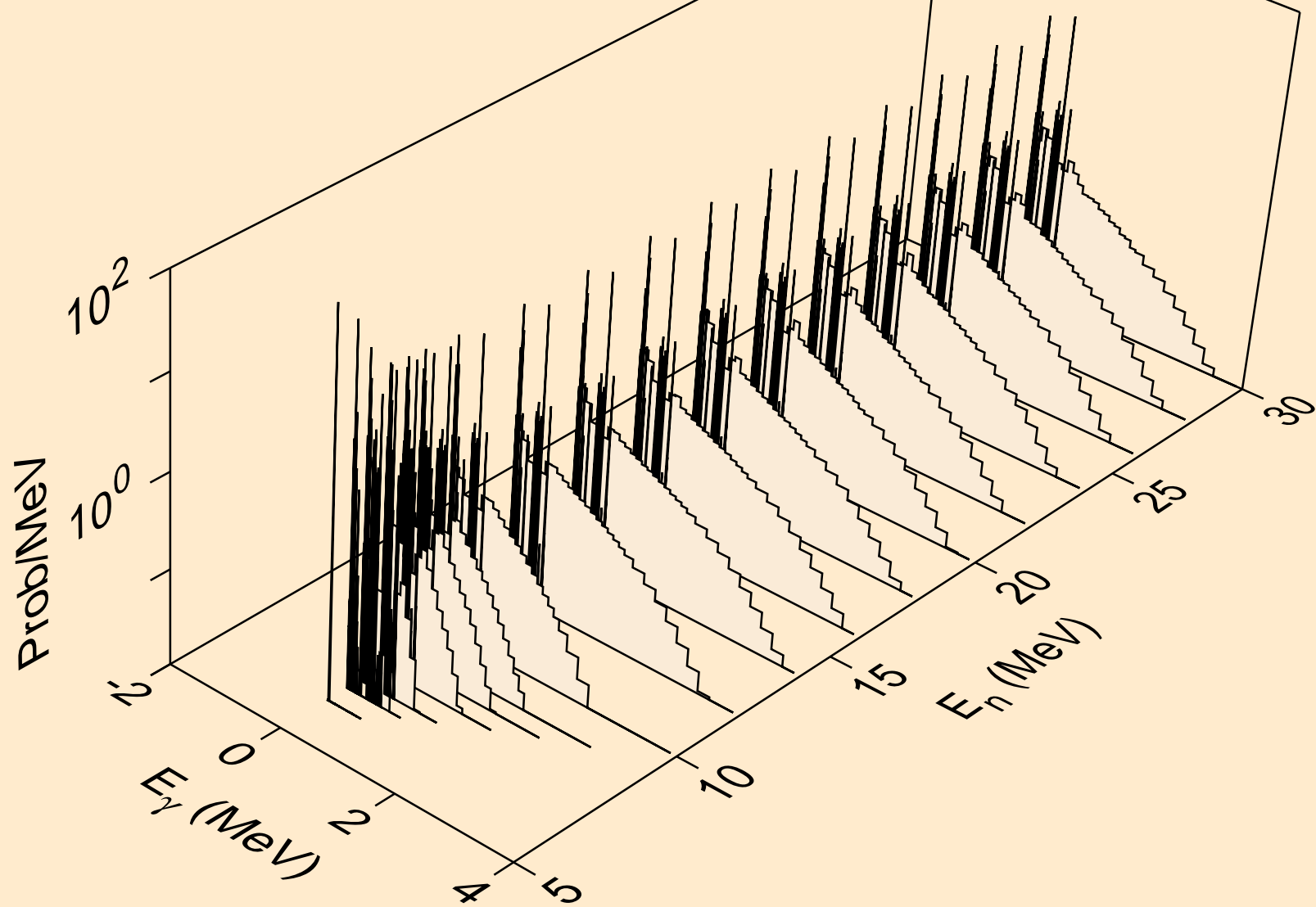
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



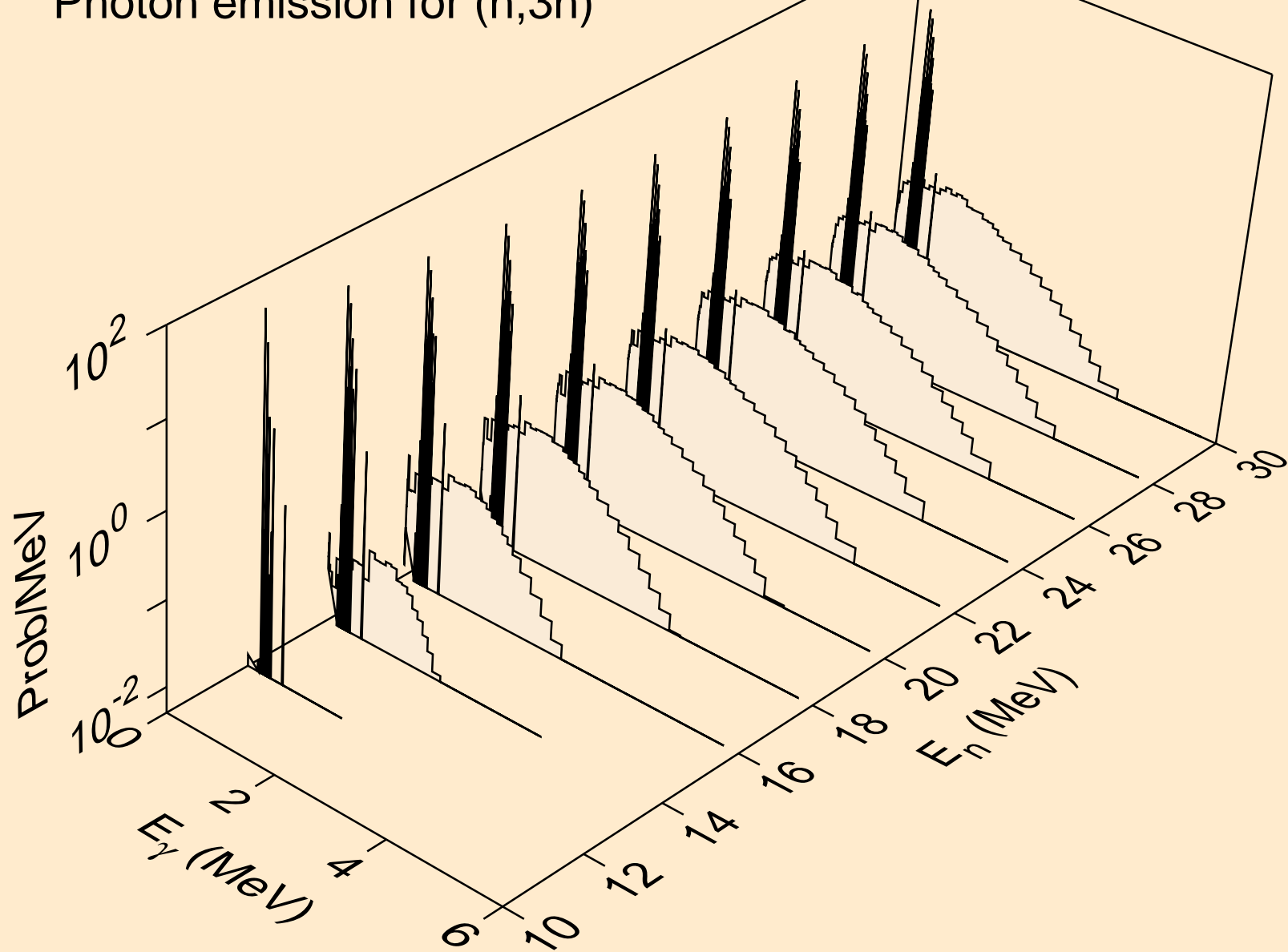
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

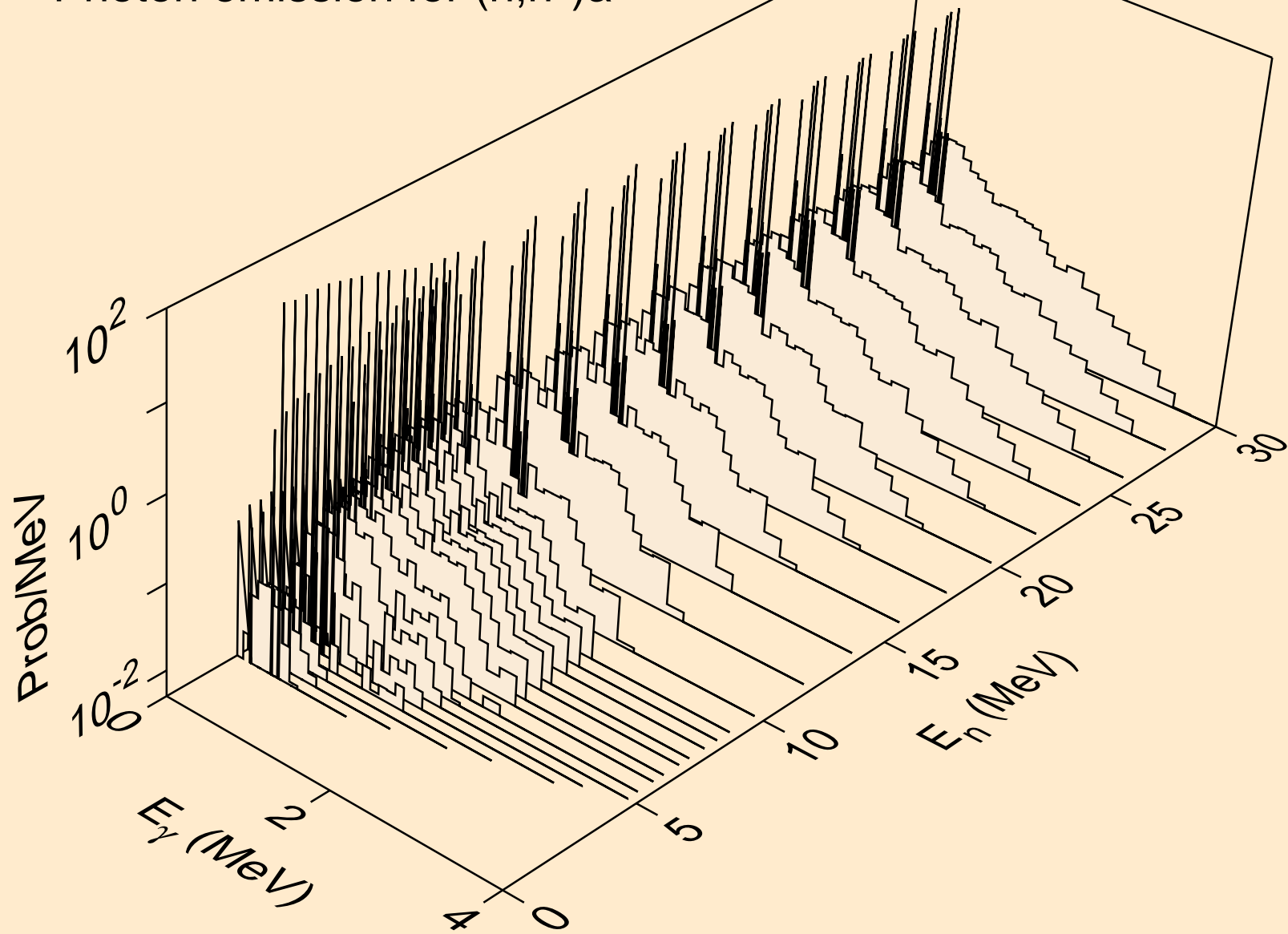


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

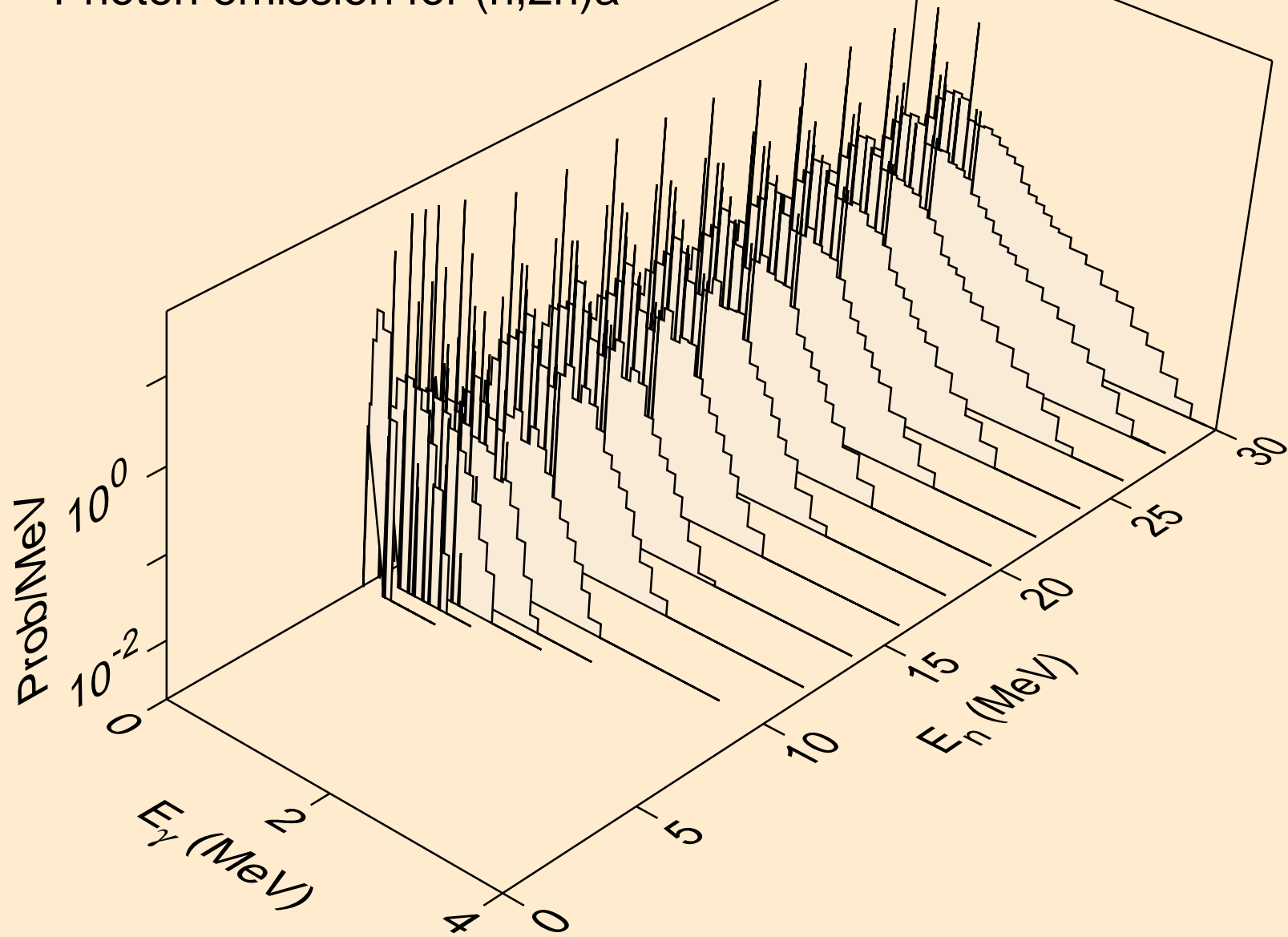




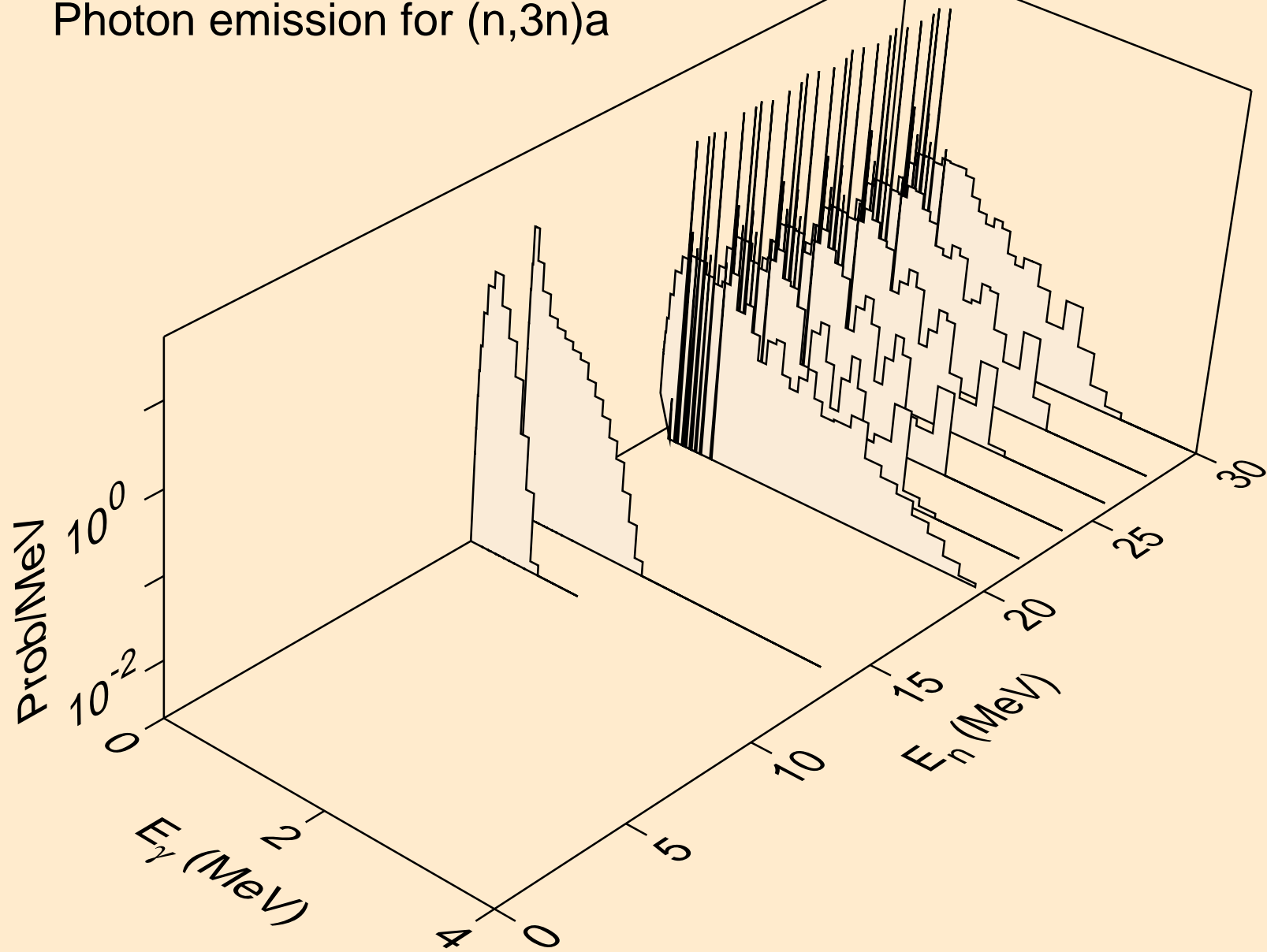
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



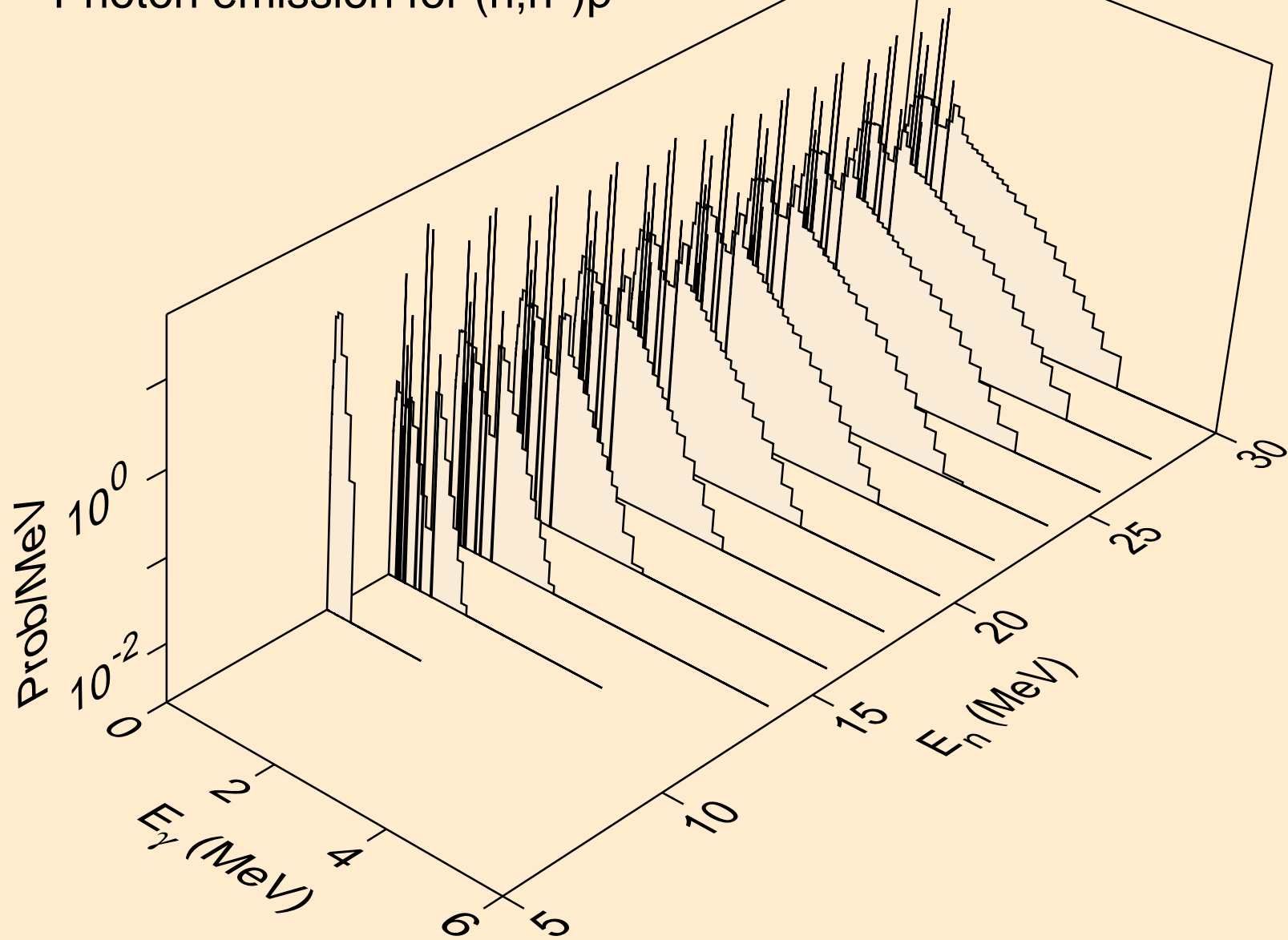
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



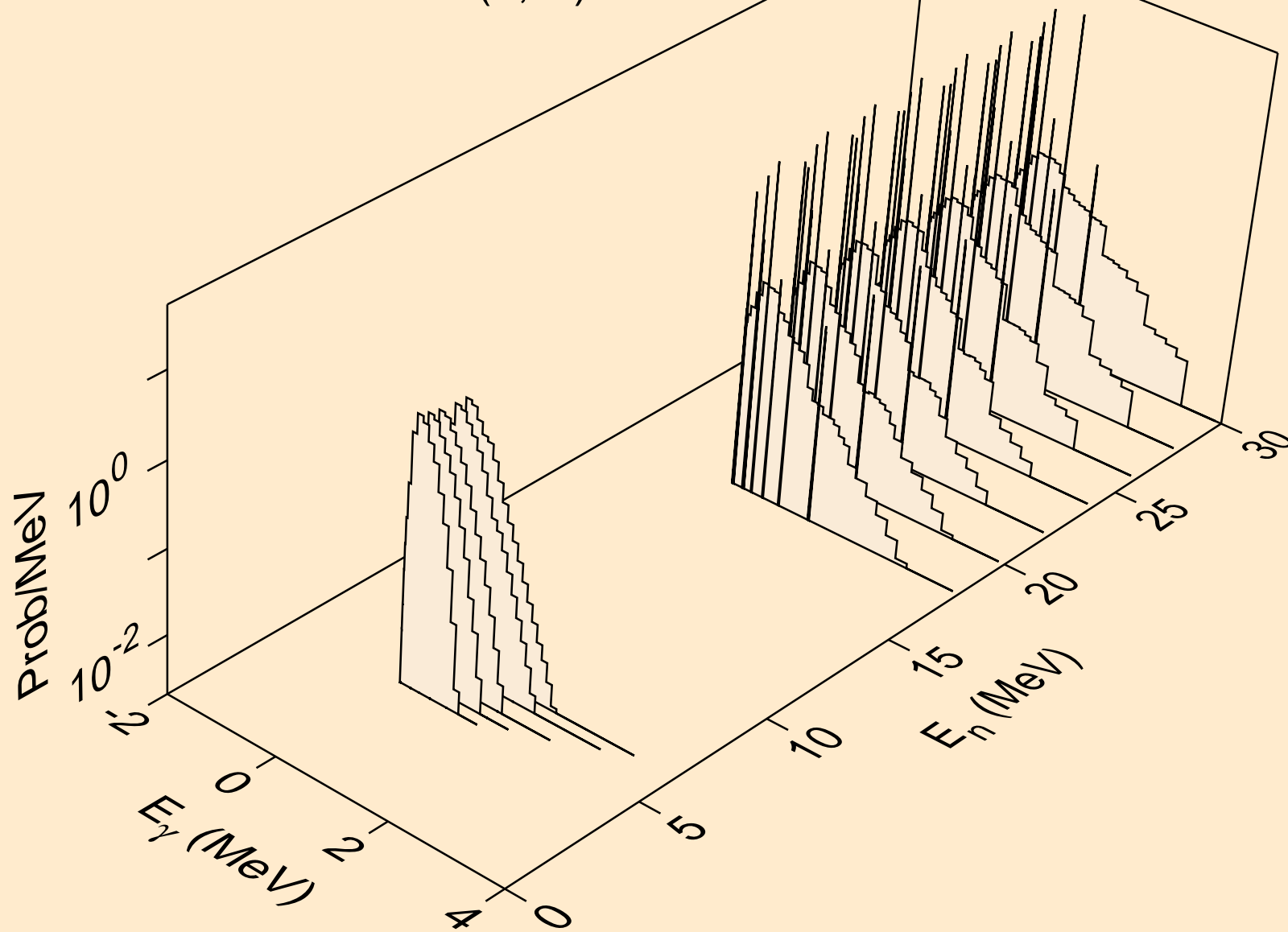
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



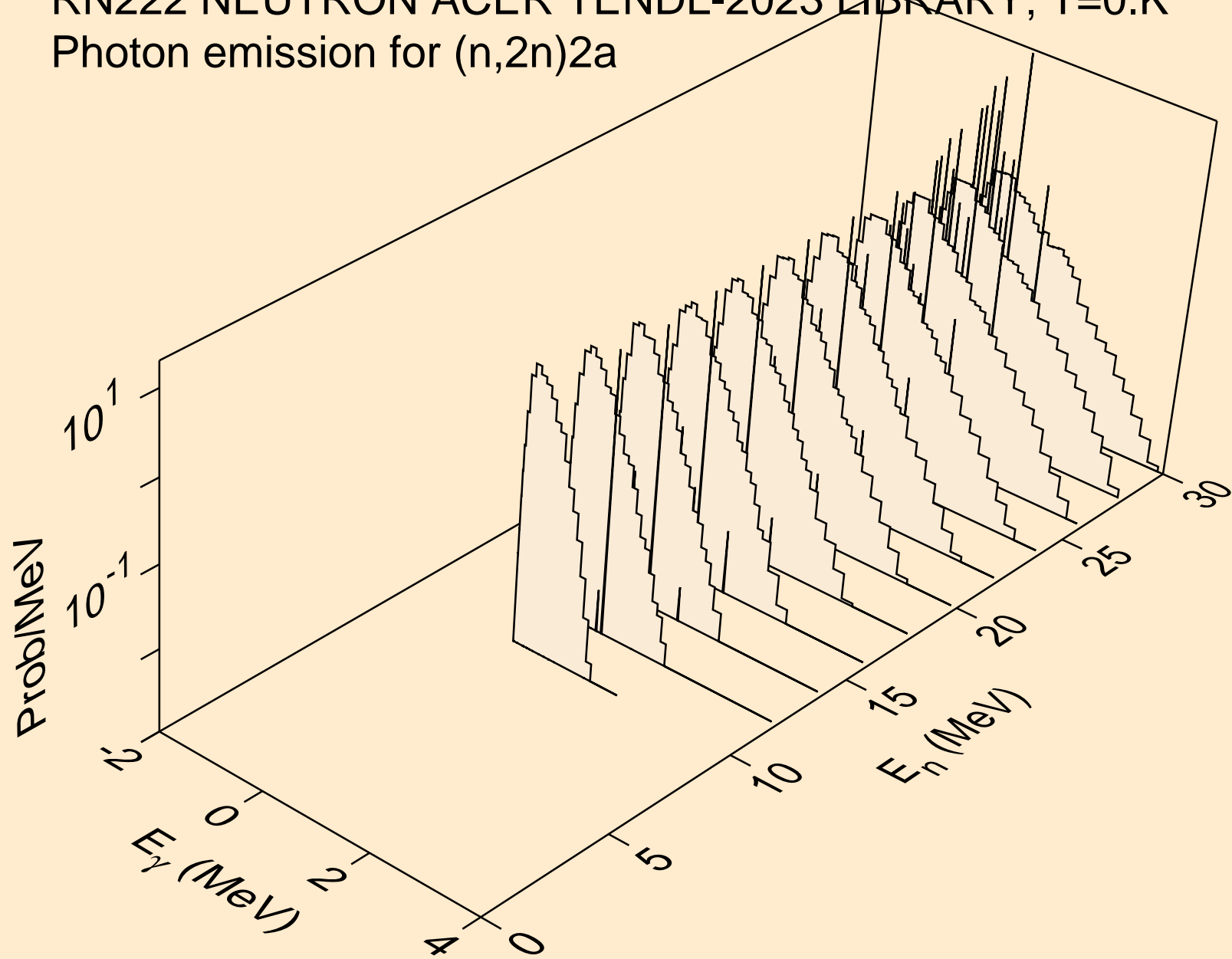
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



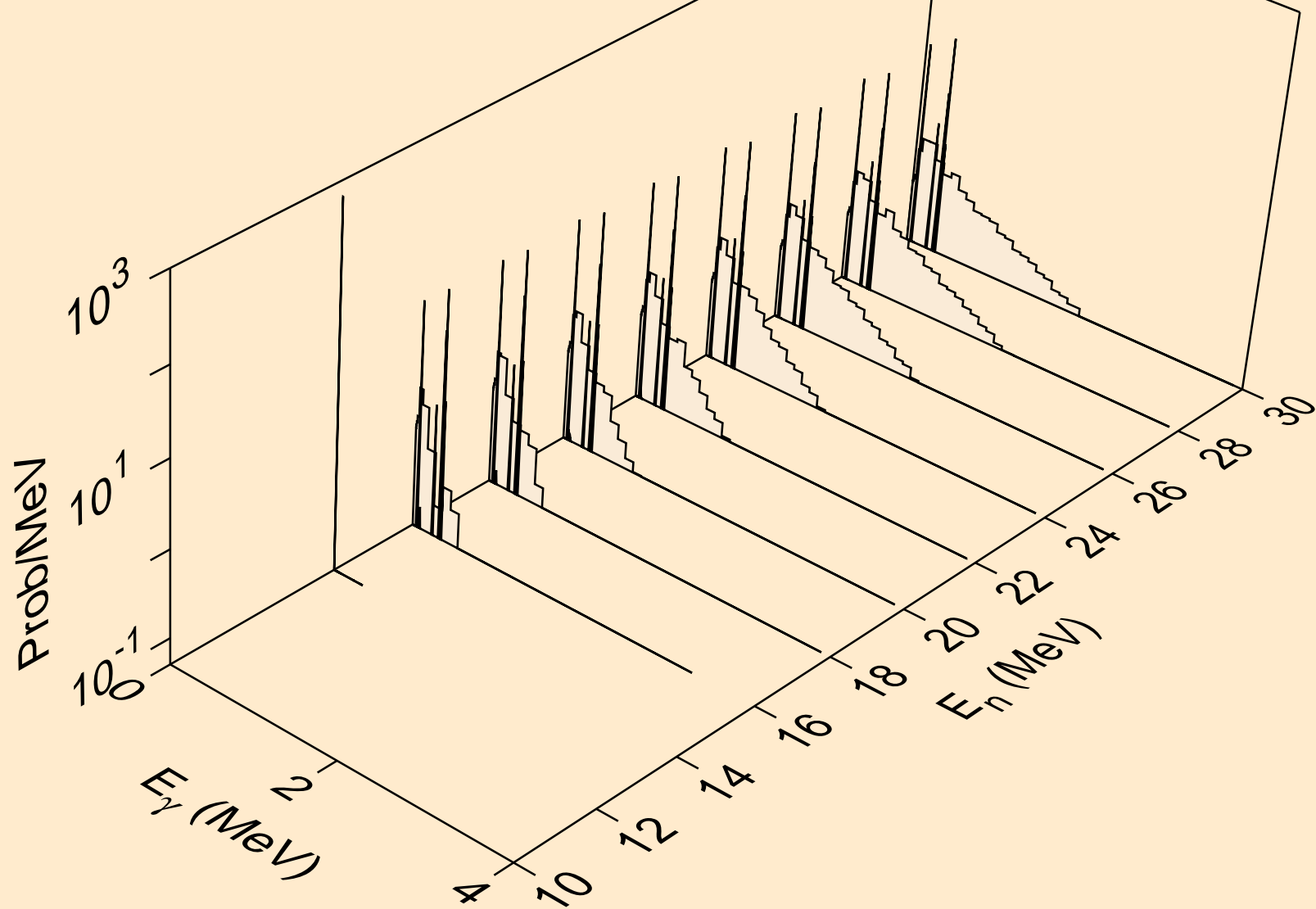
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



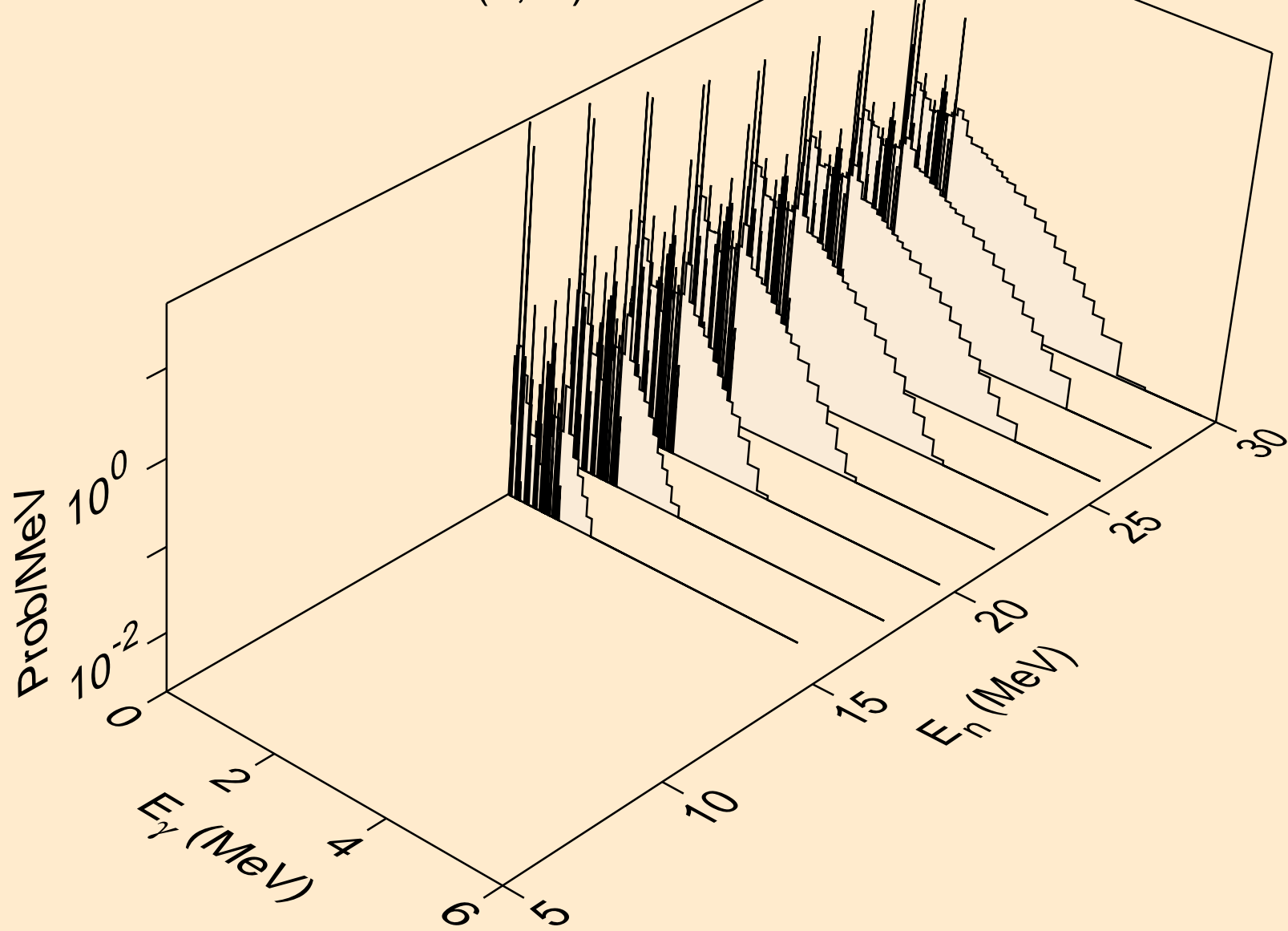
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

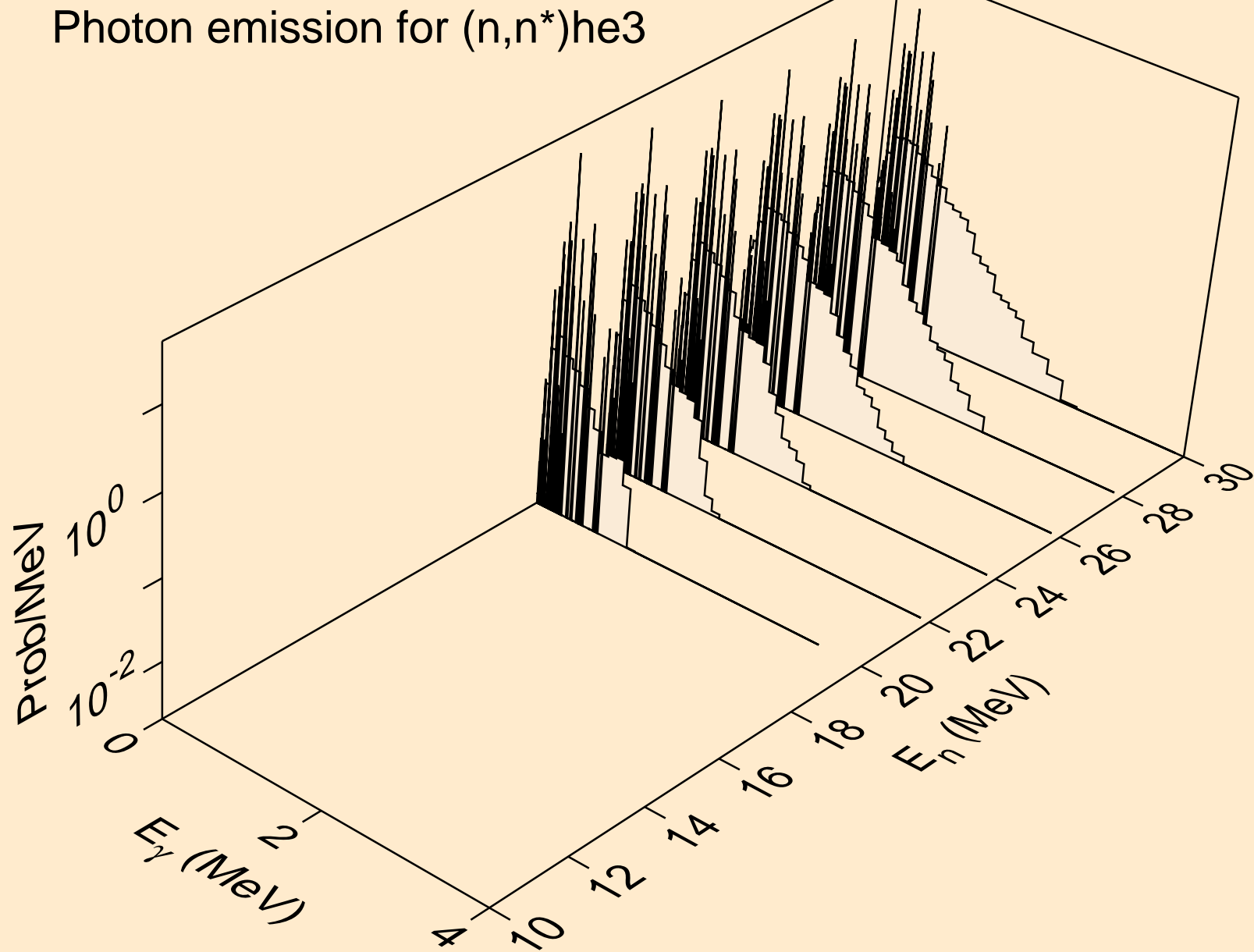


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

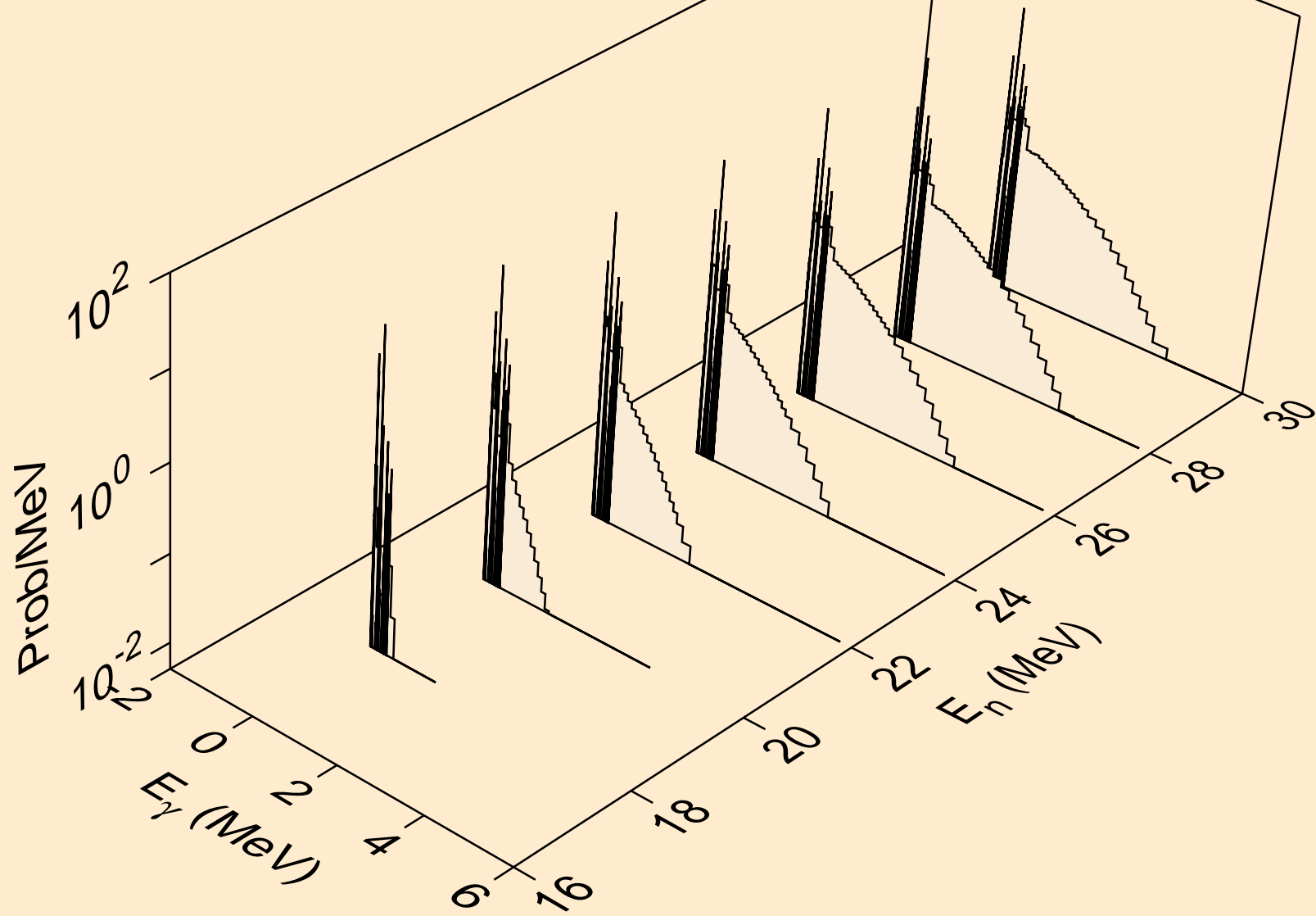




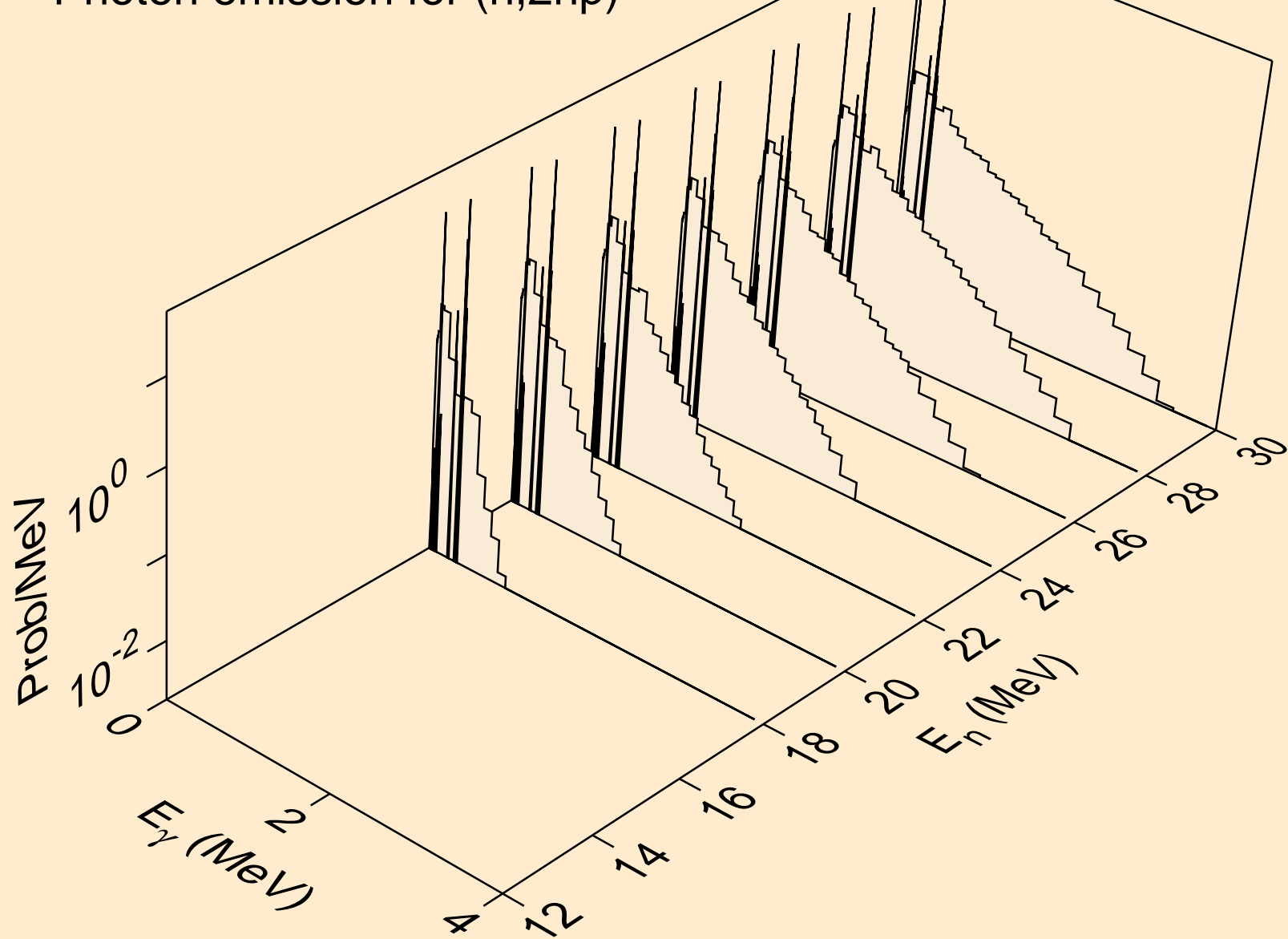
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



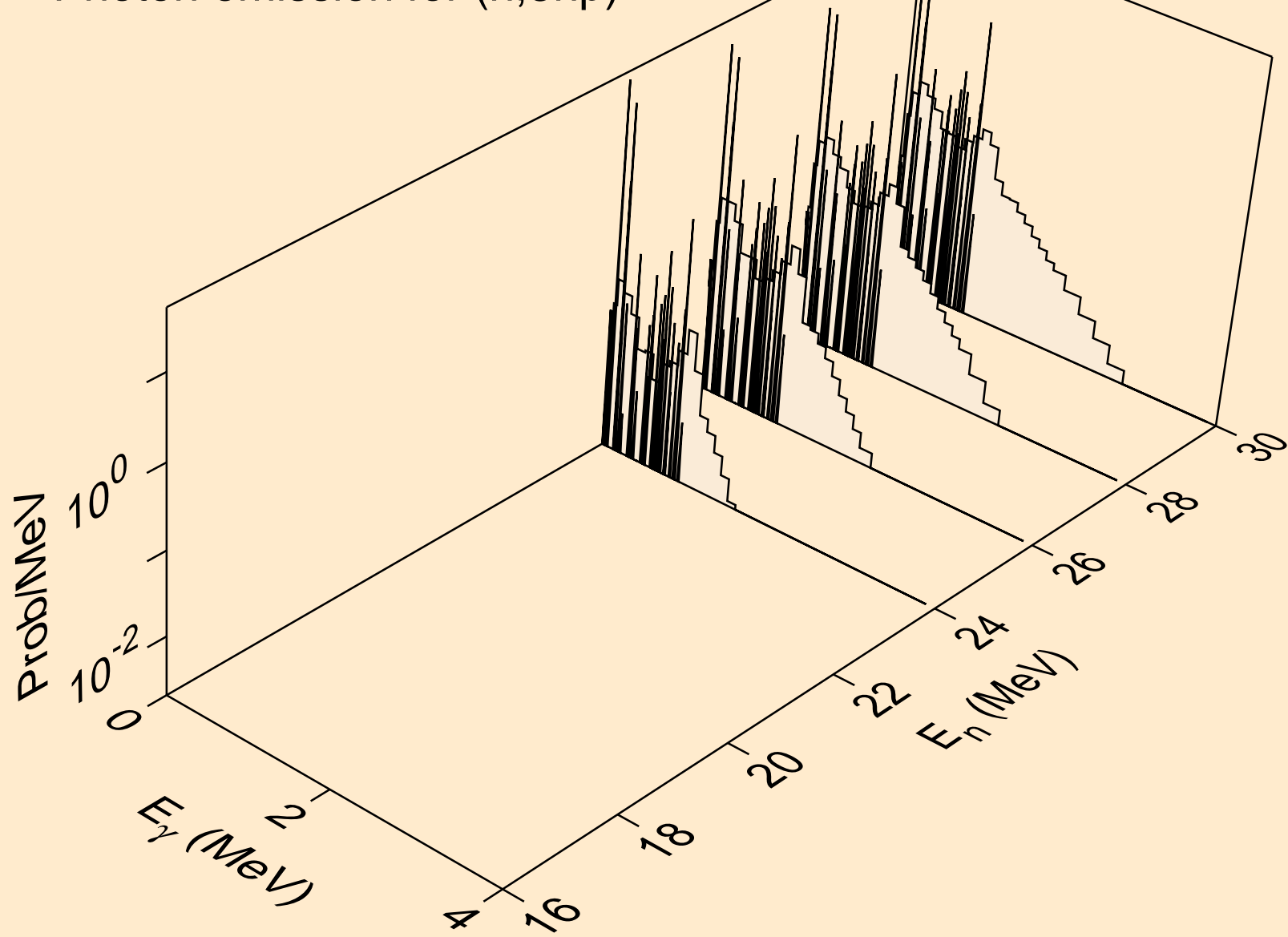
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



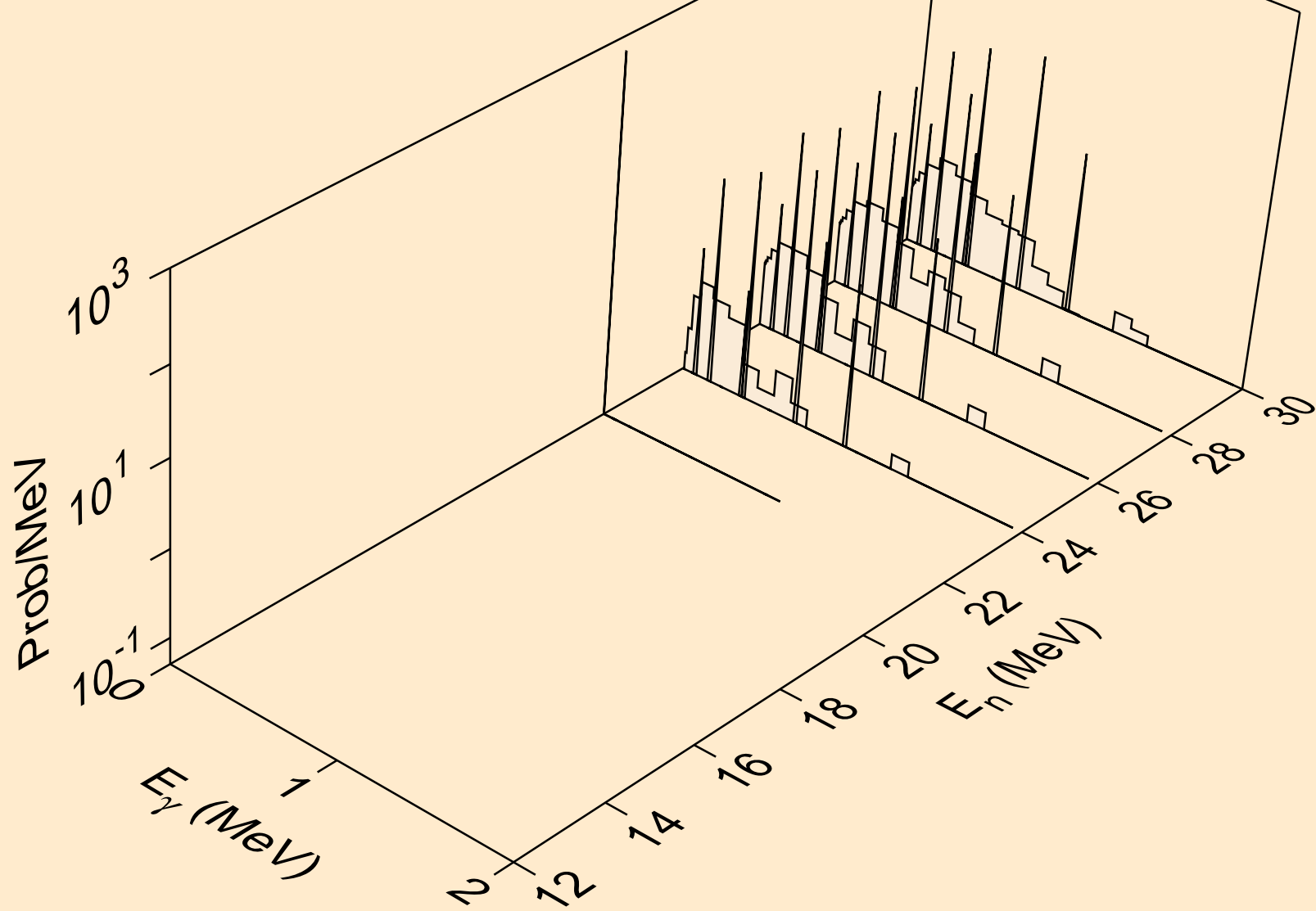
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



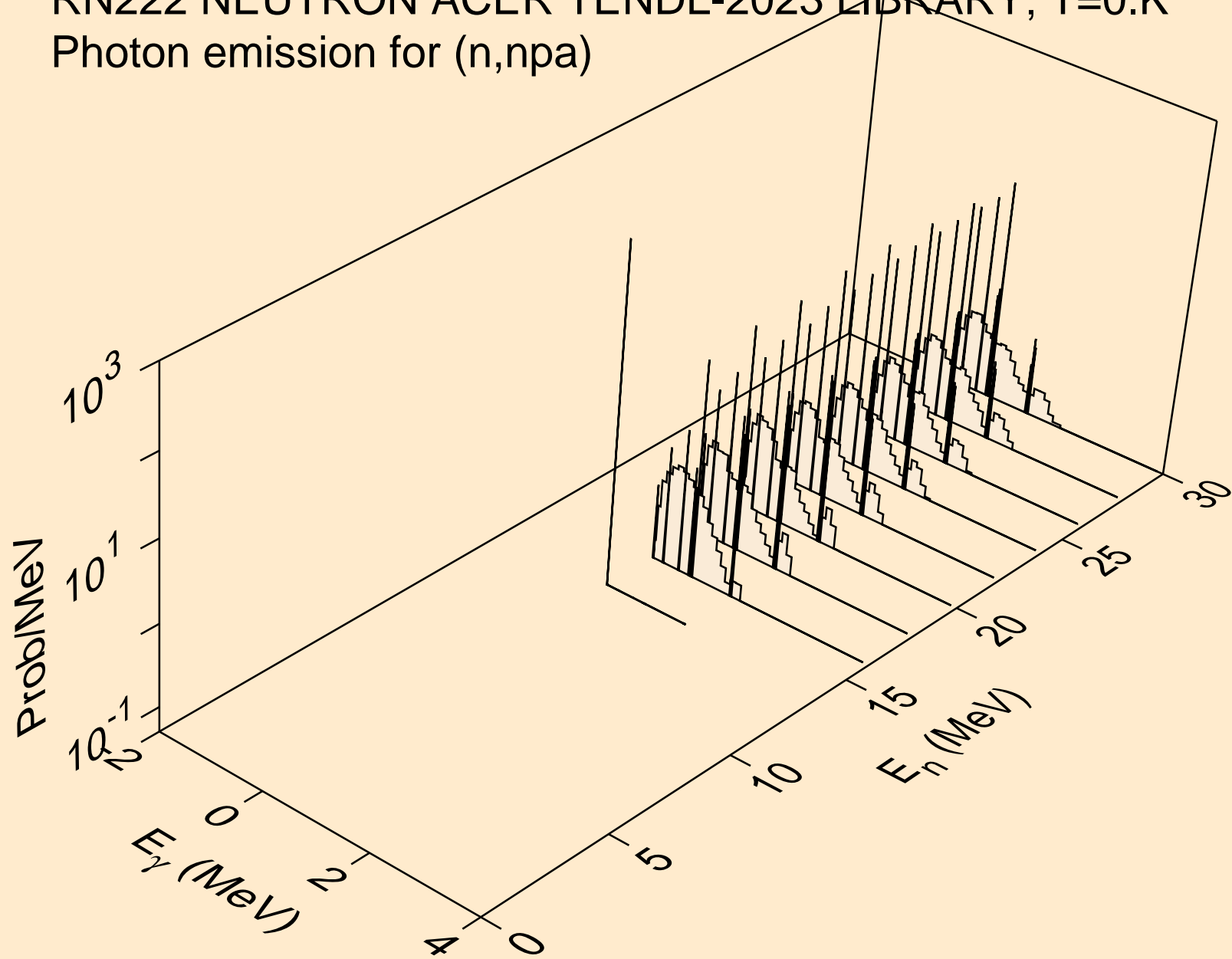
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



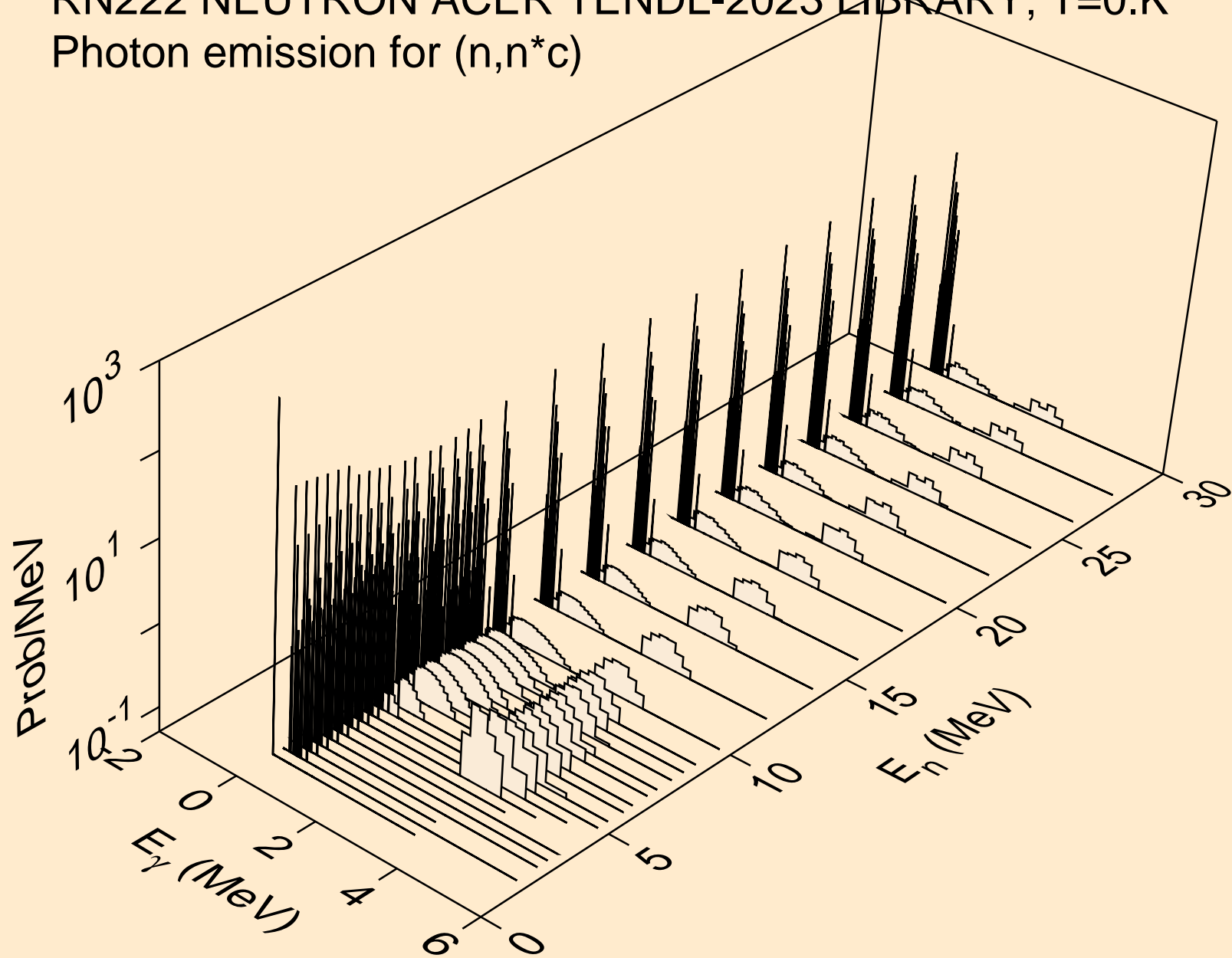
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



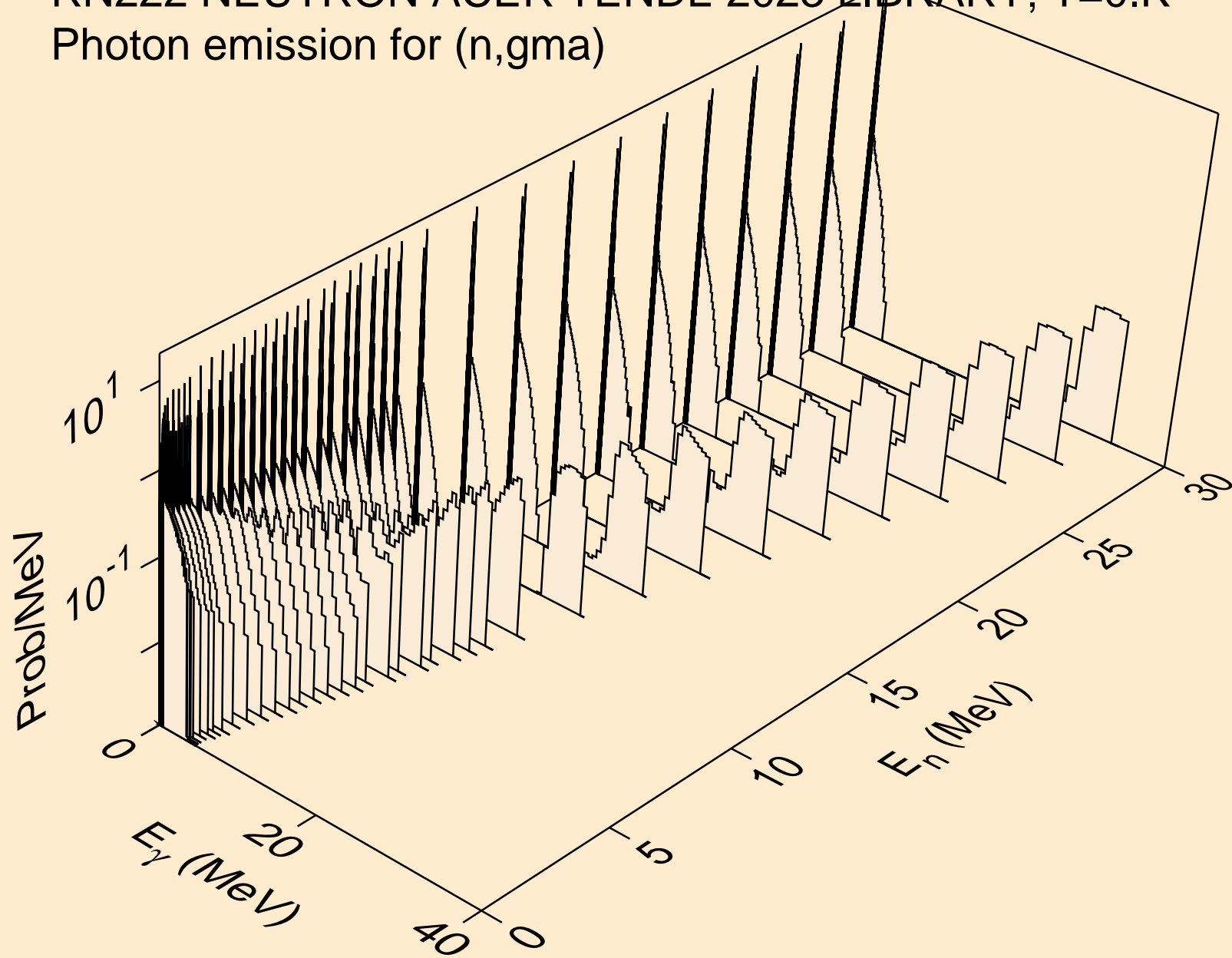
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

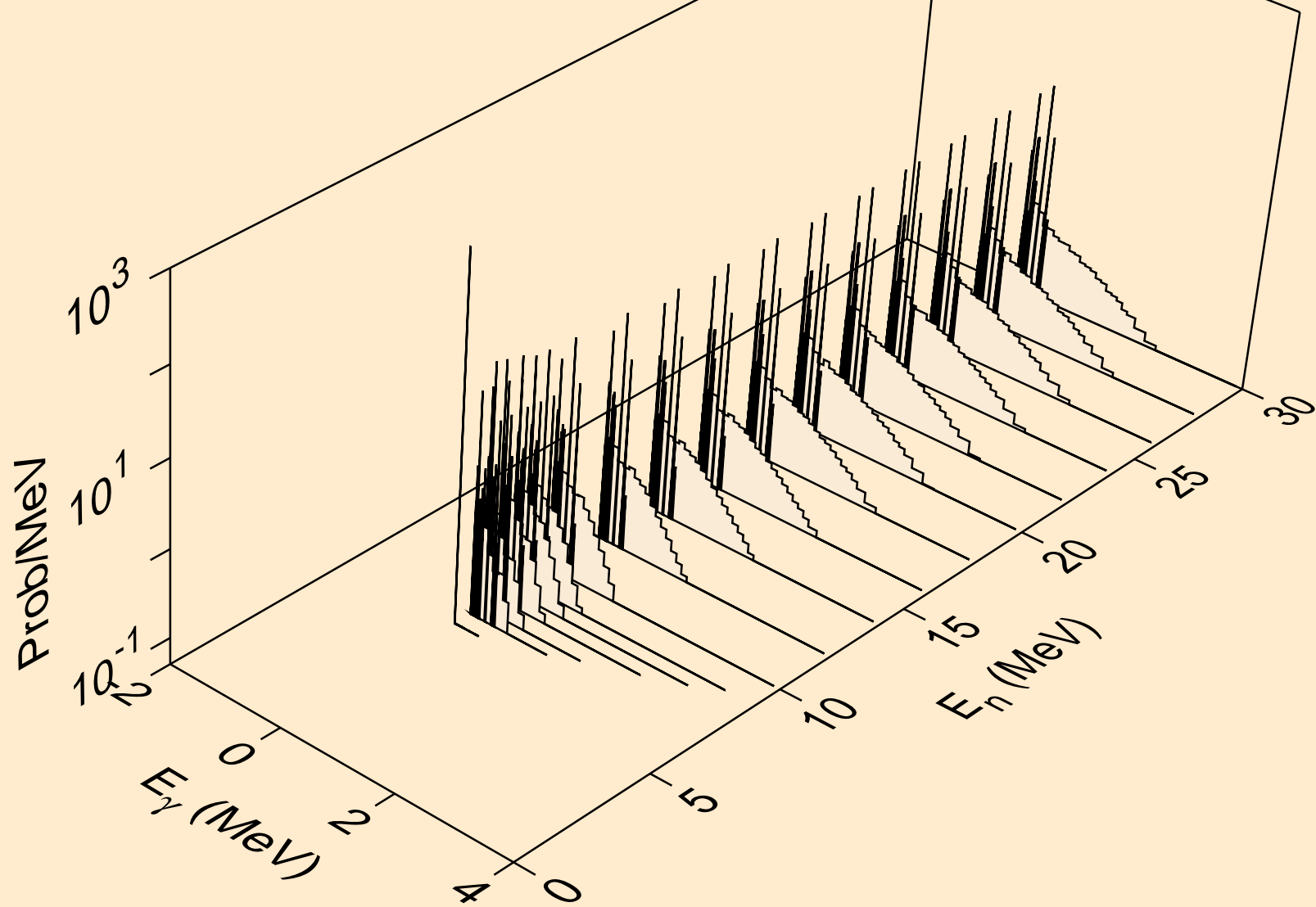


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

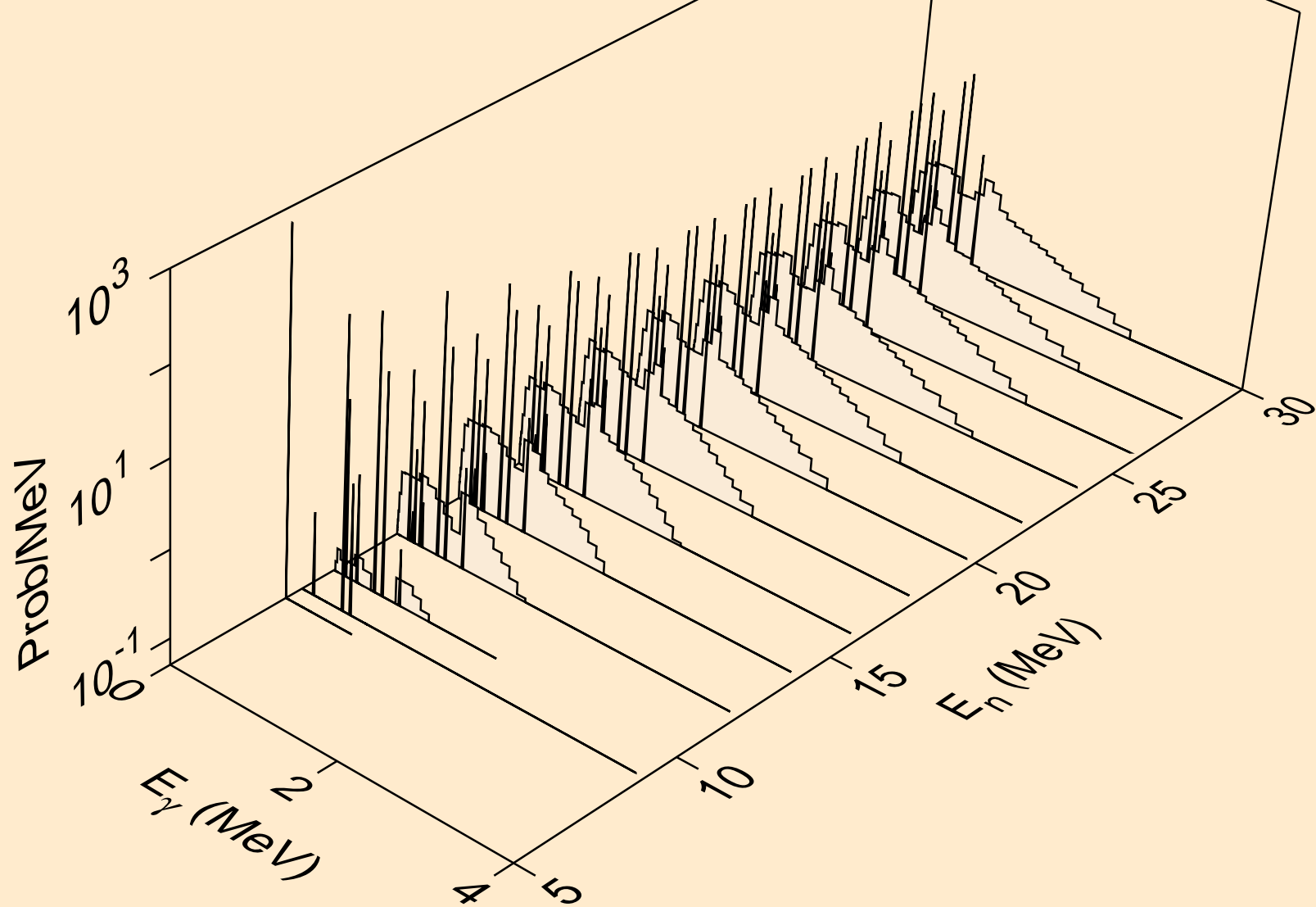




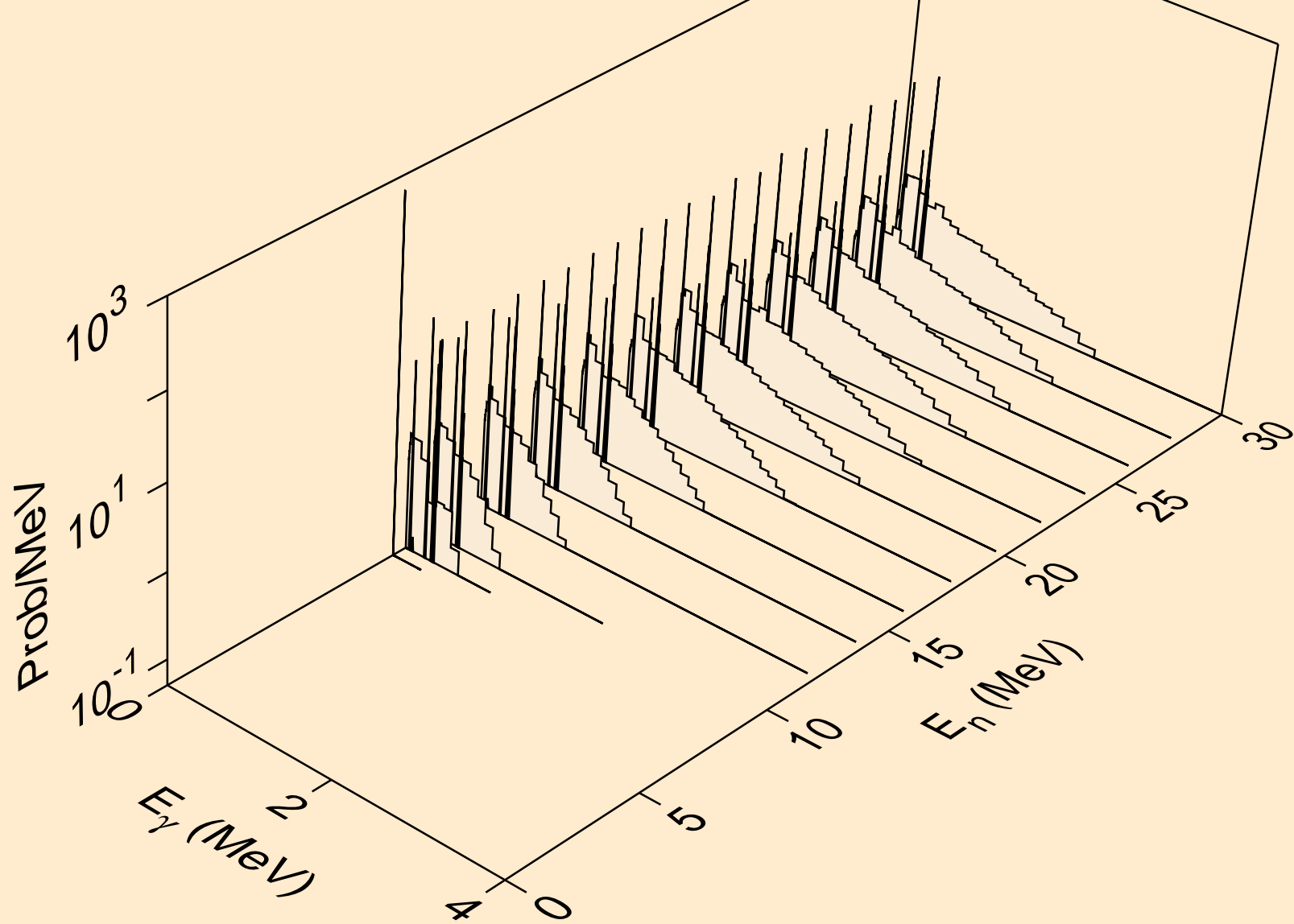
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



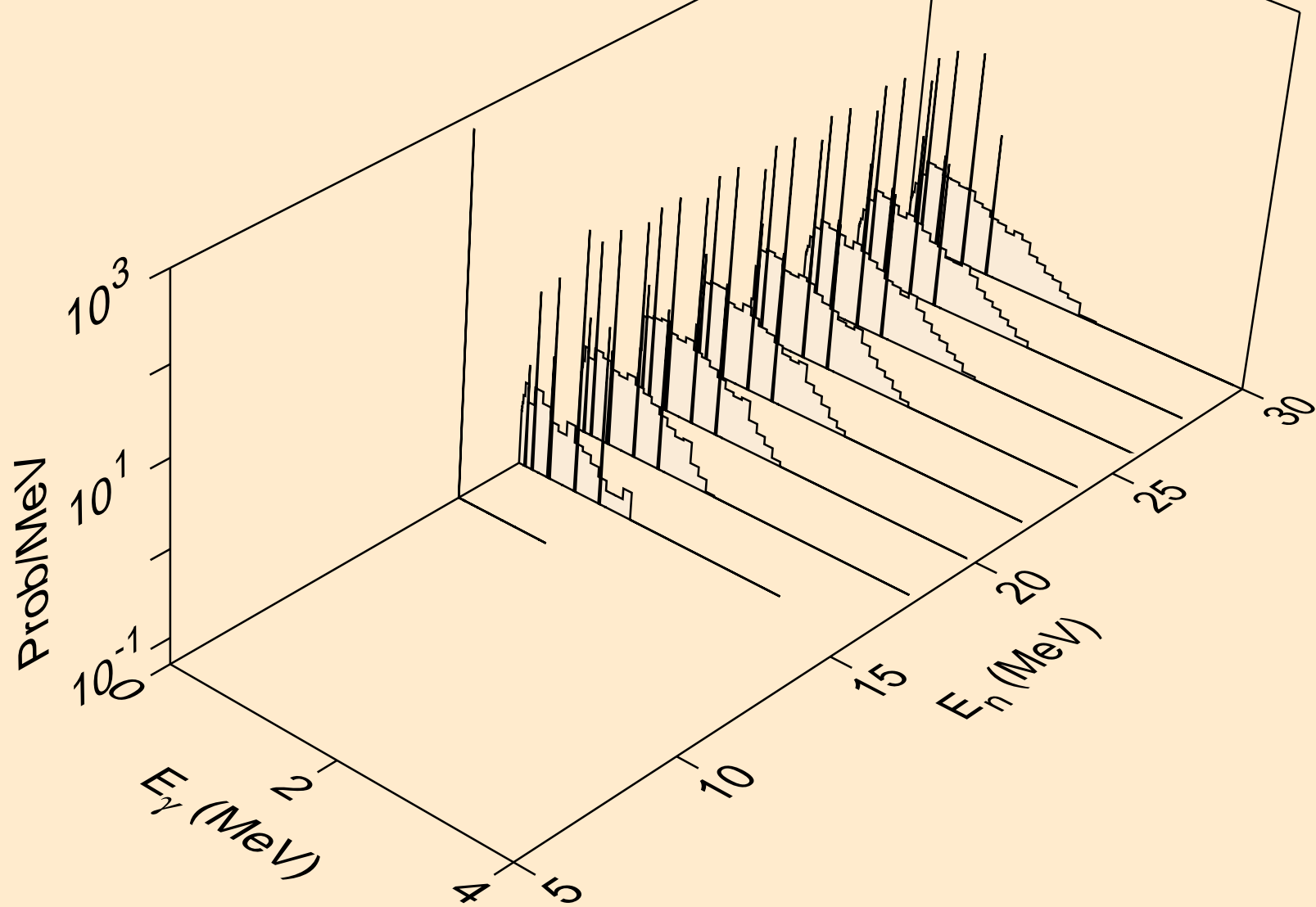
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



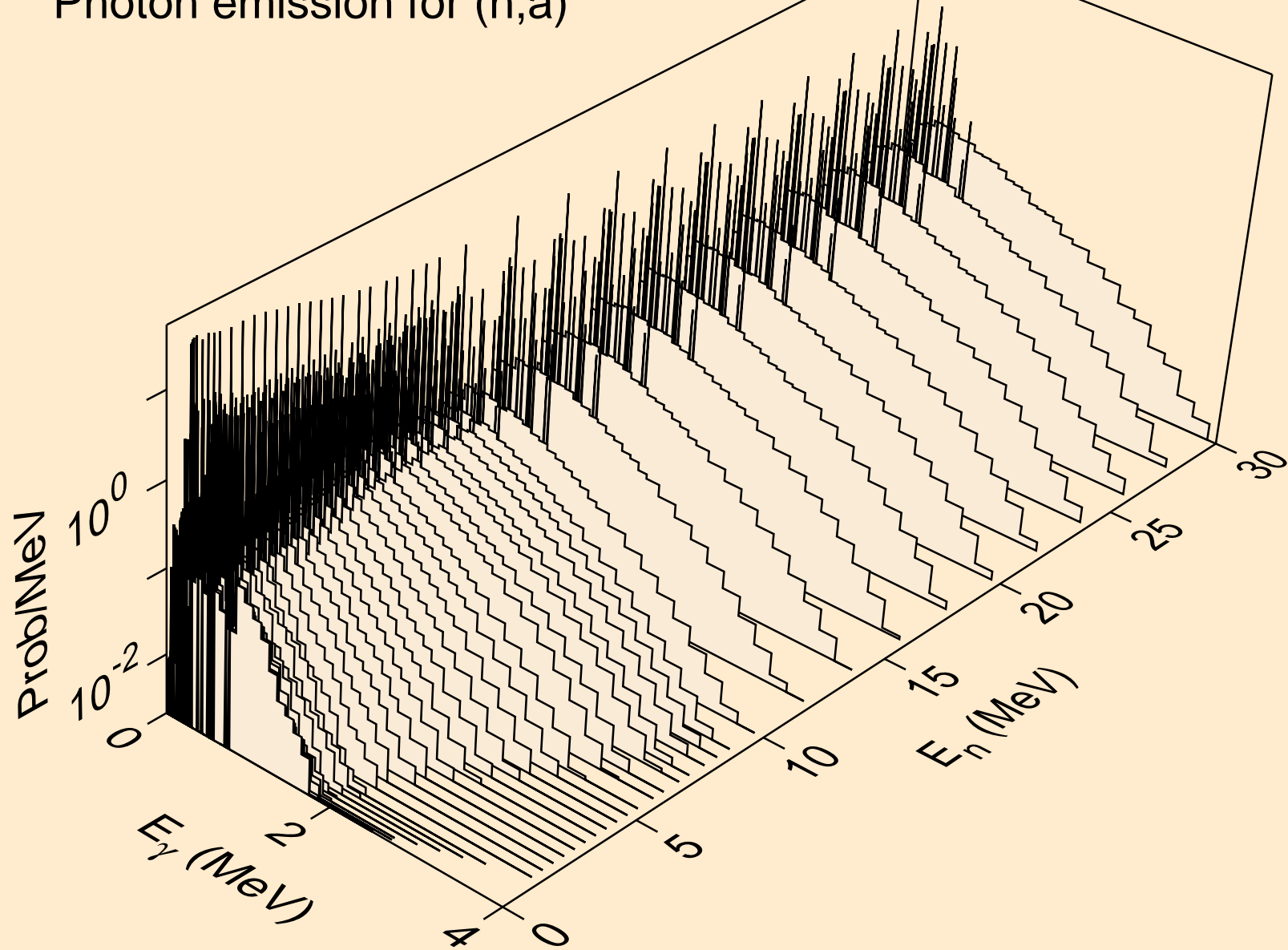
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



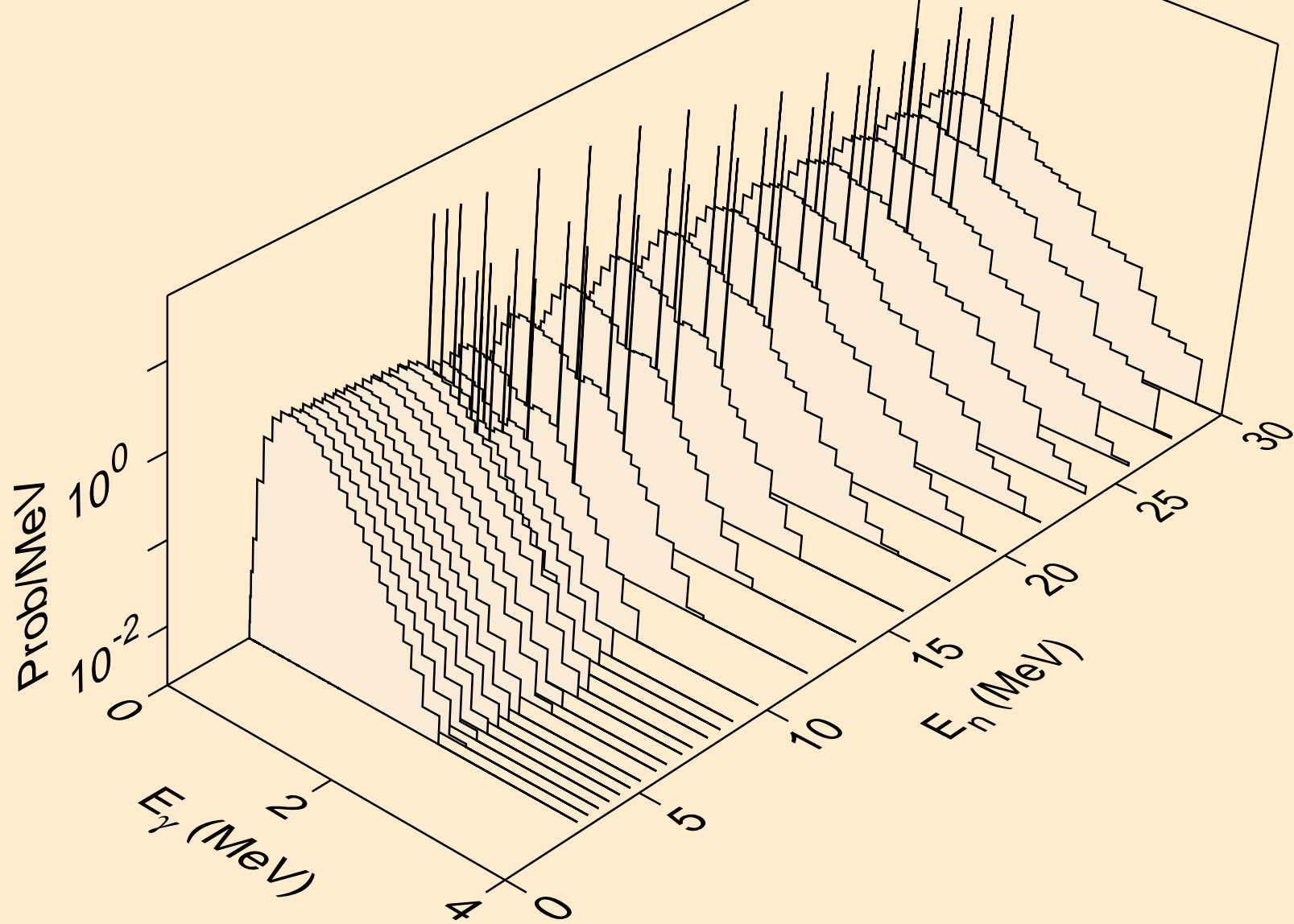
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



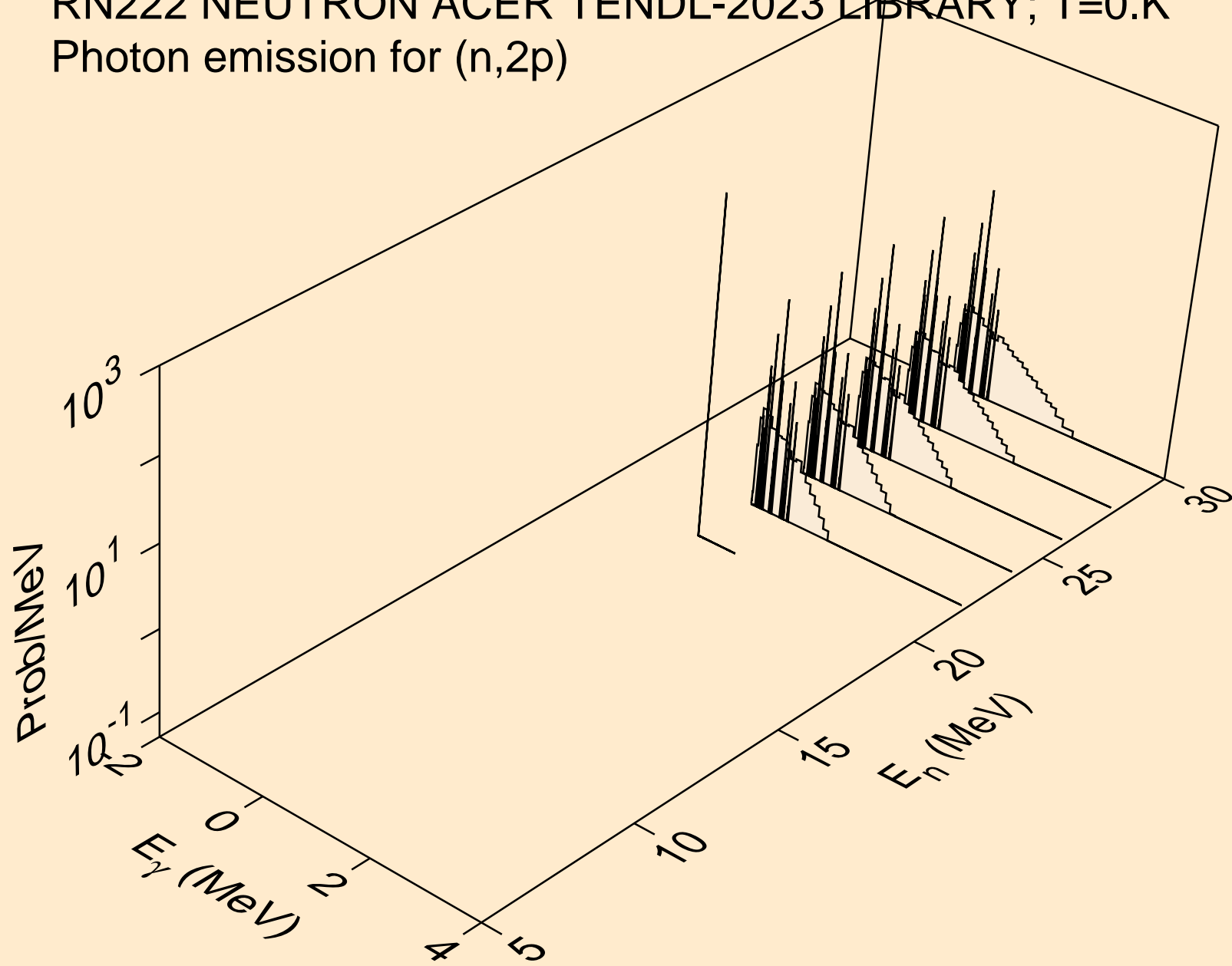
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



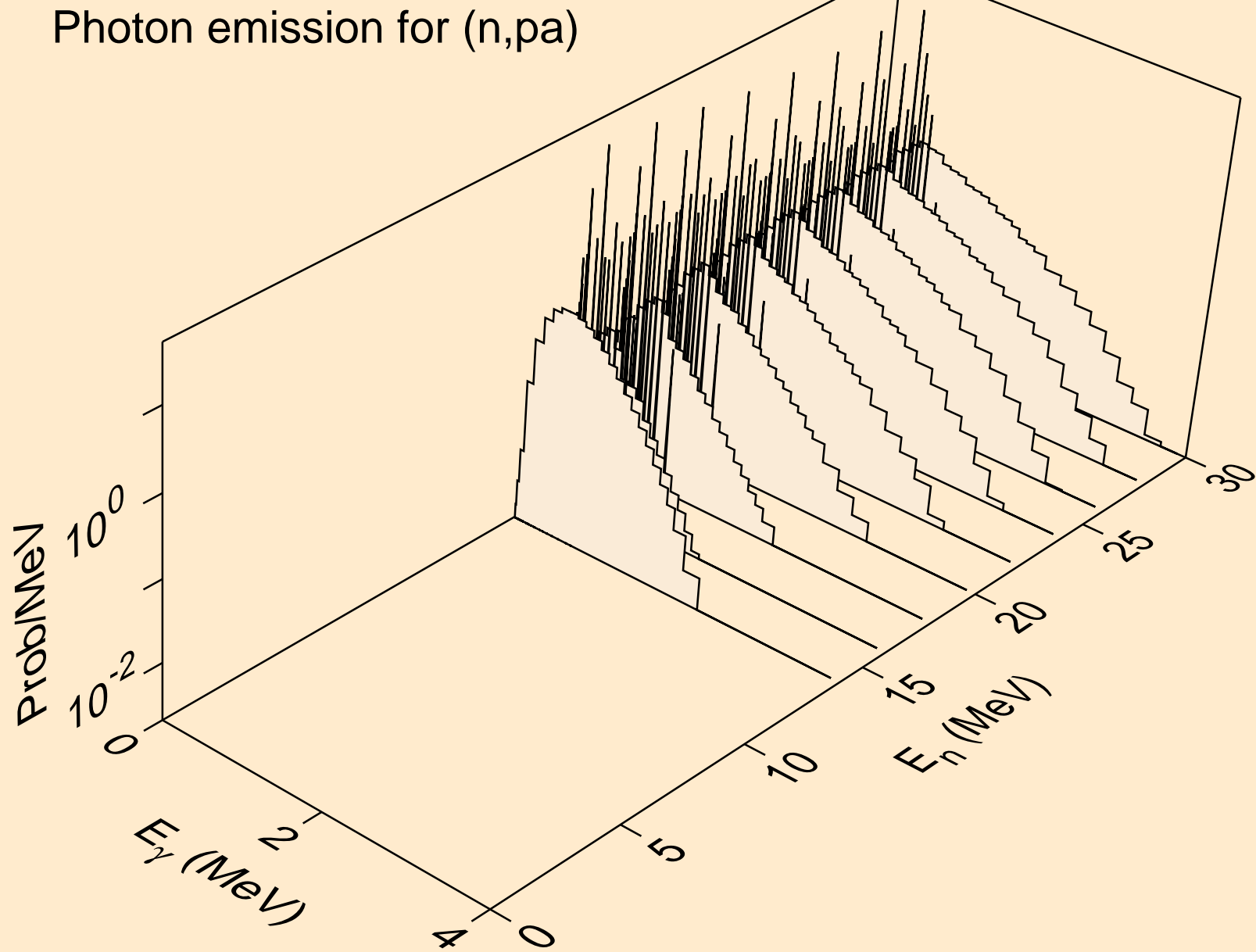
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

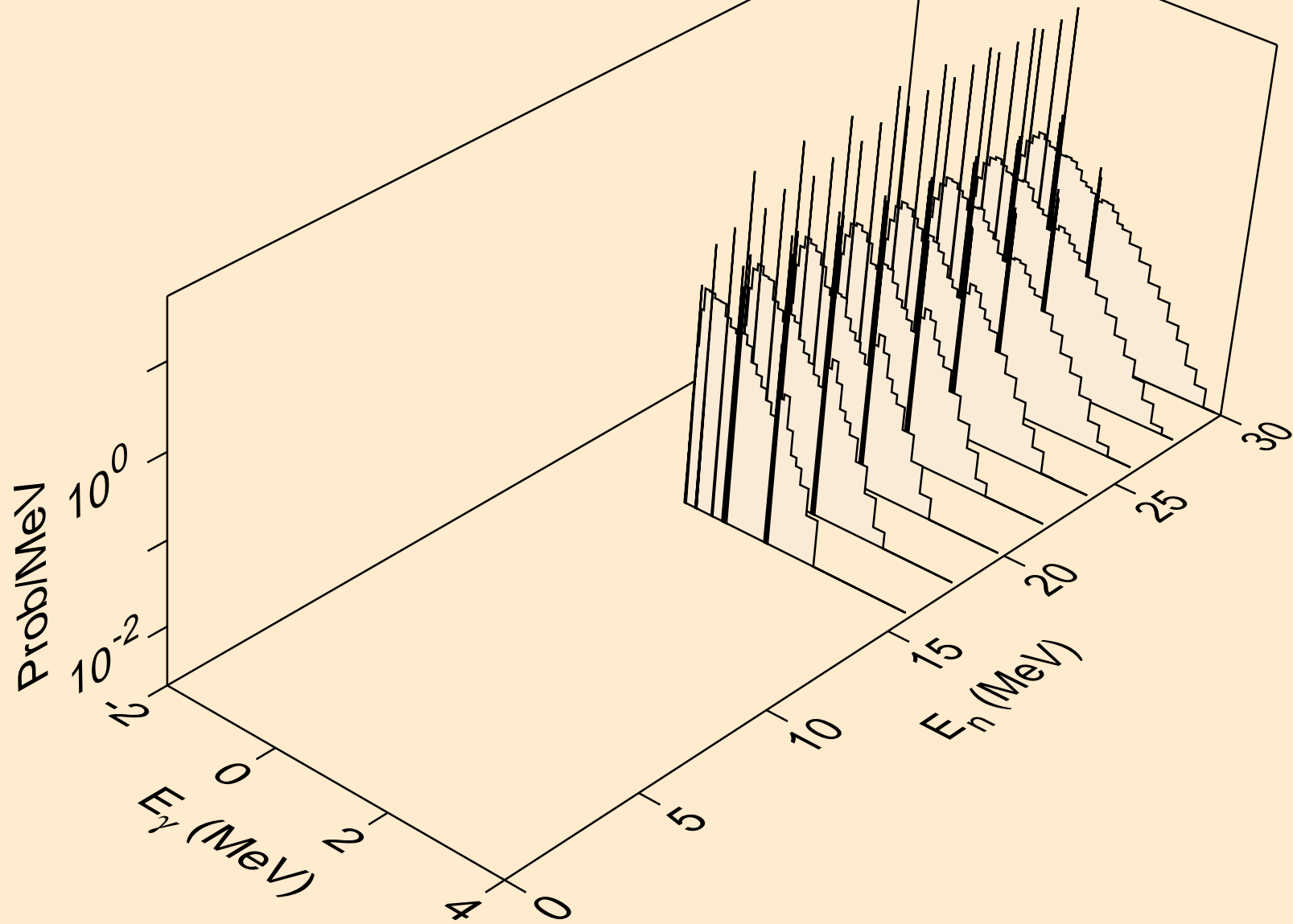


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

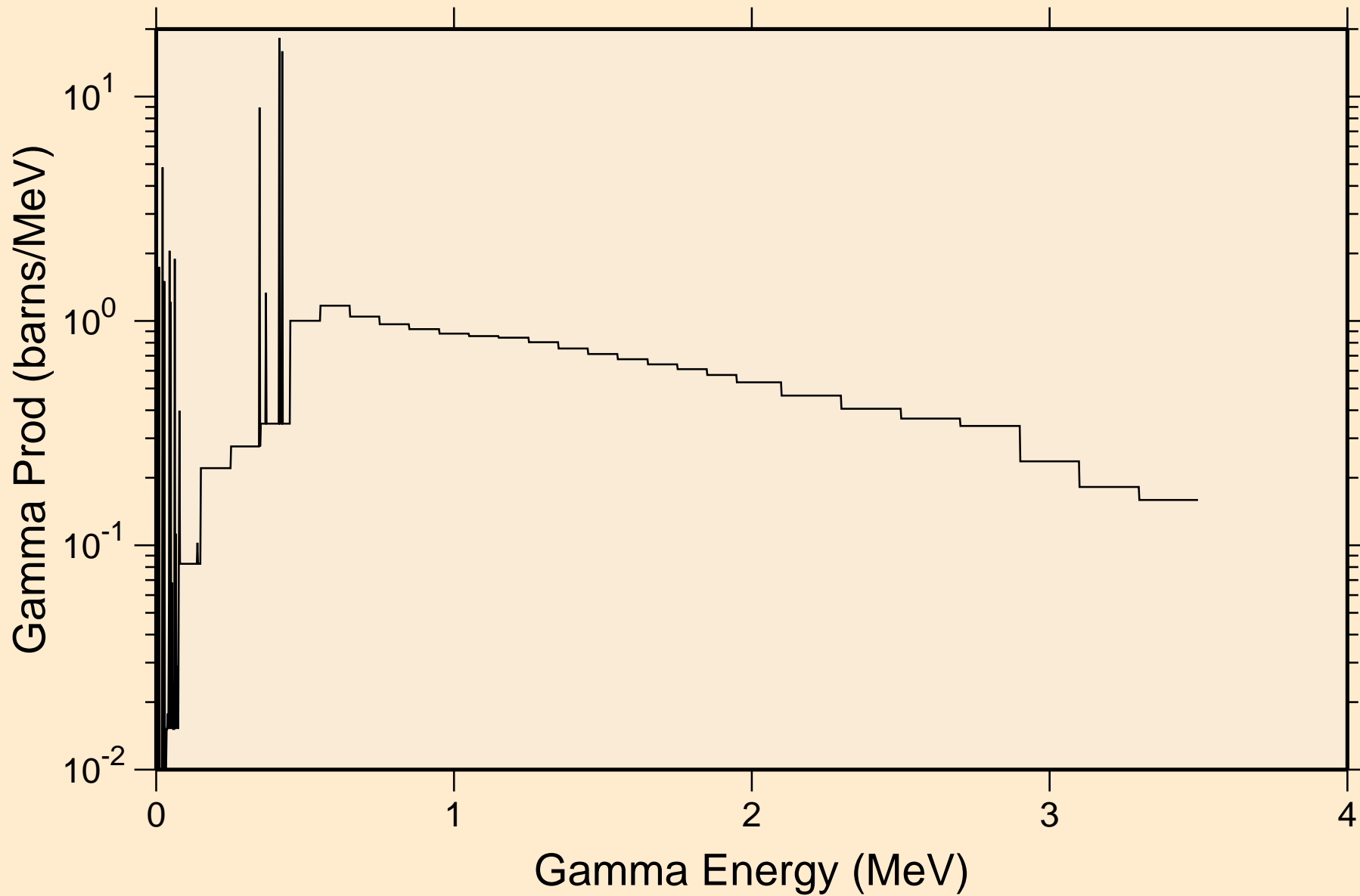




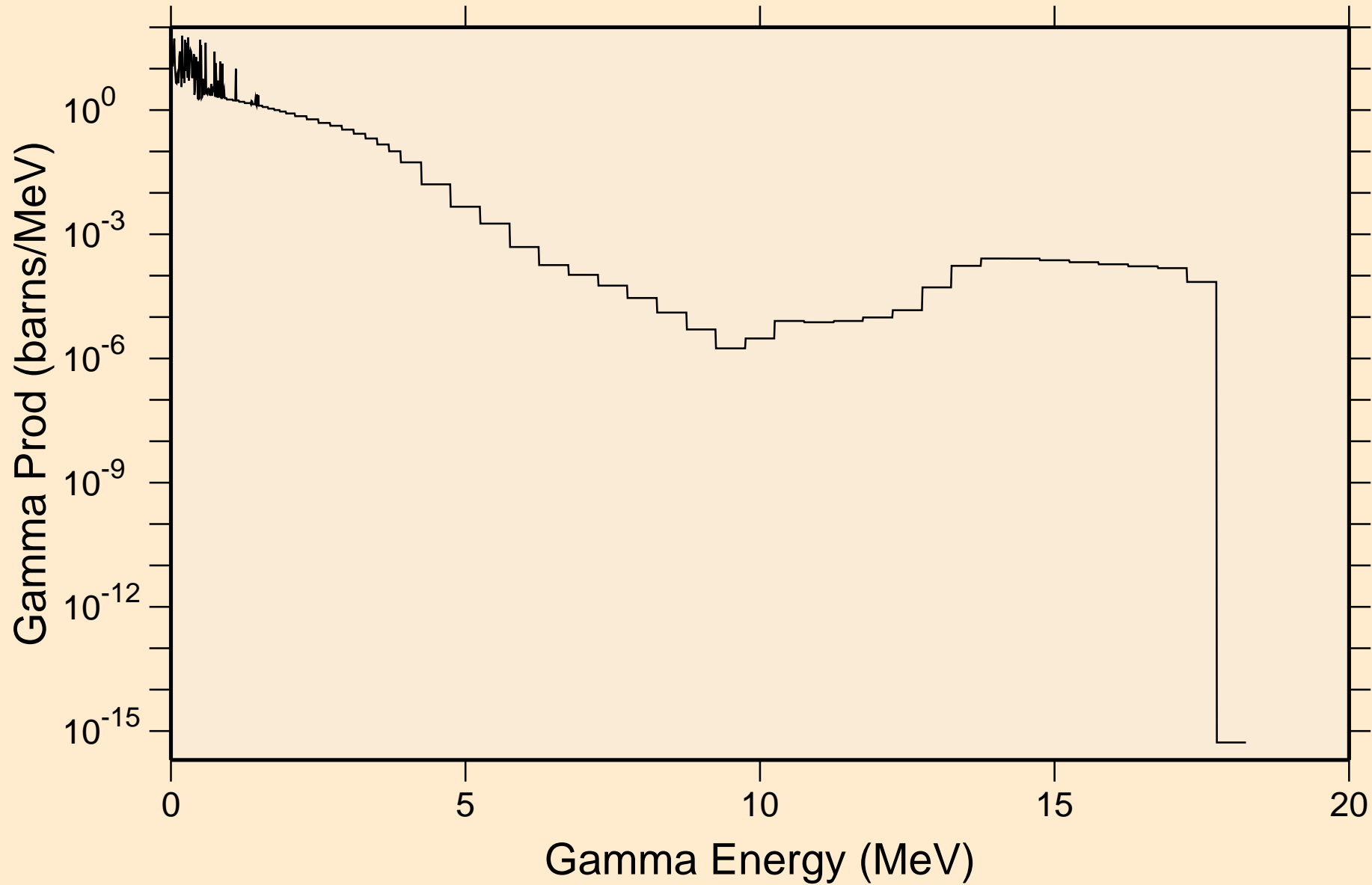
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

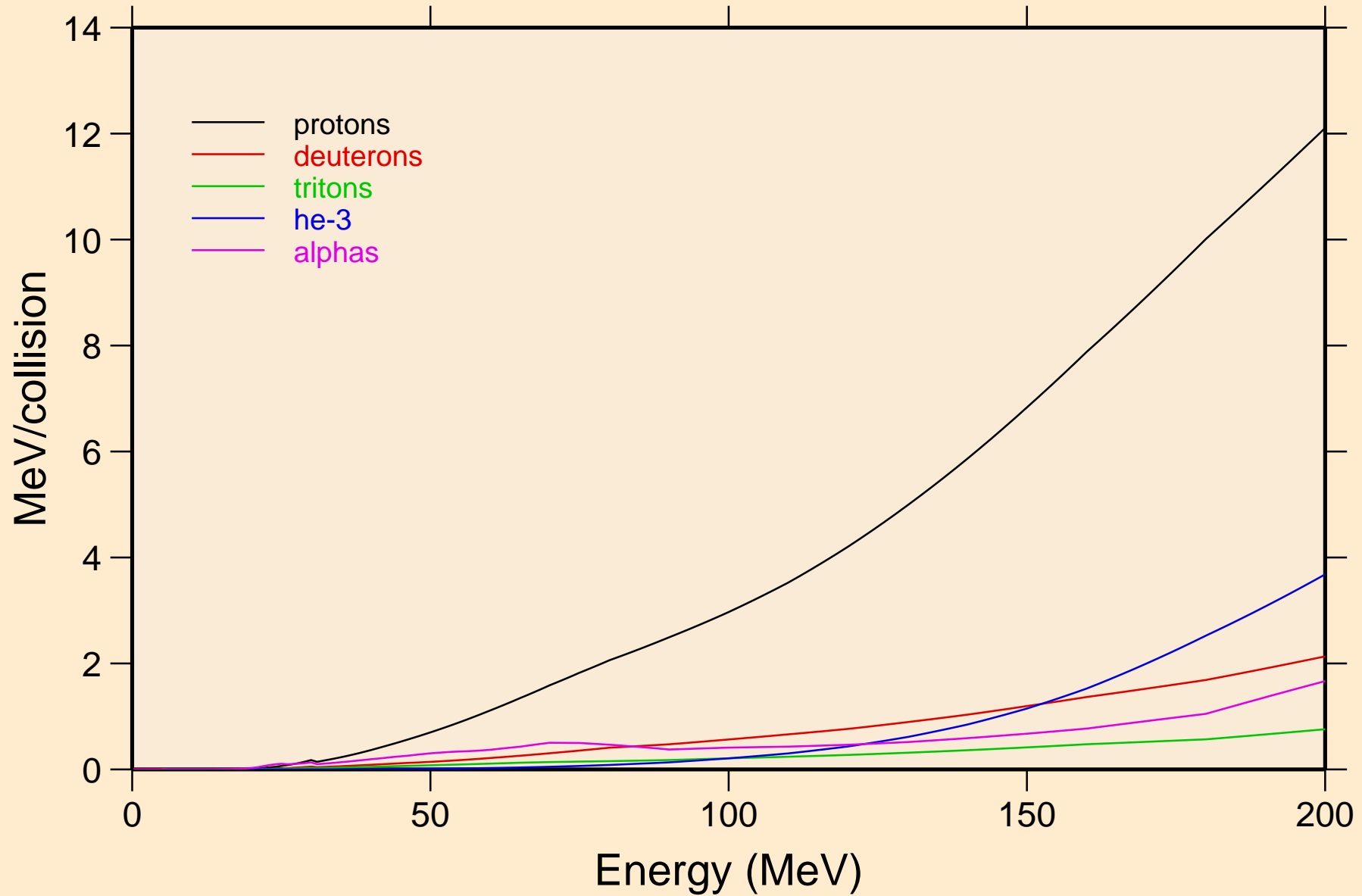


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

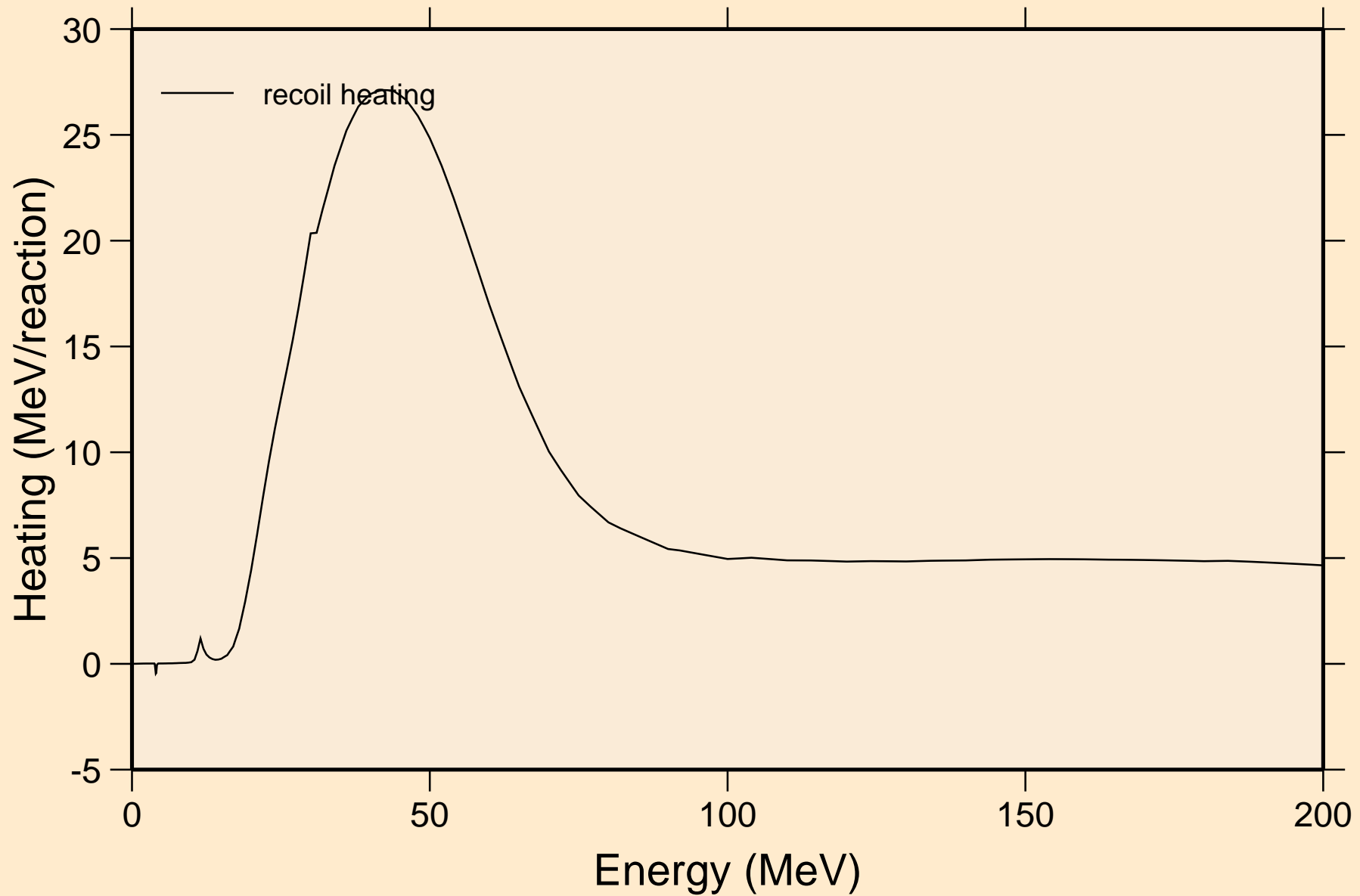


# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

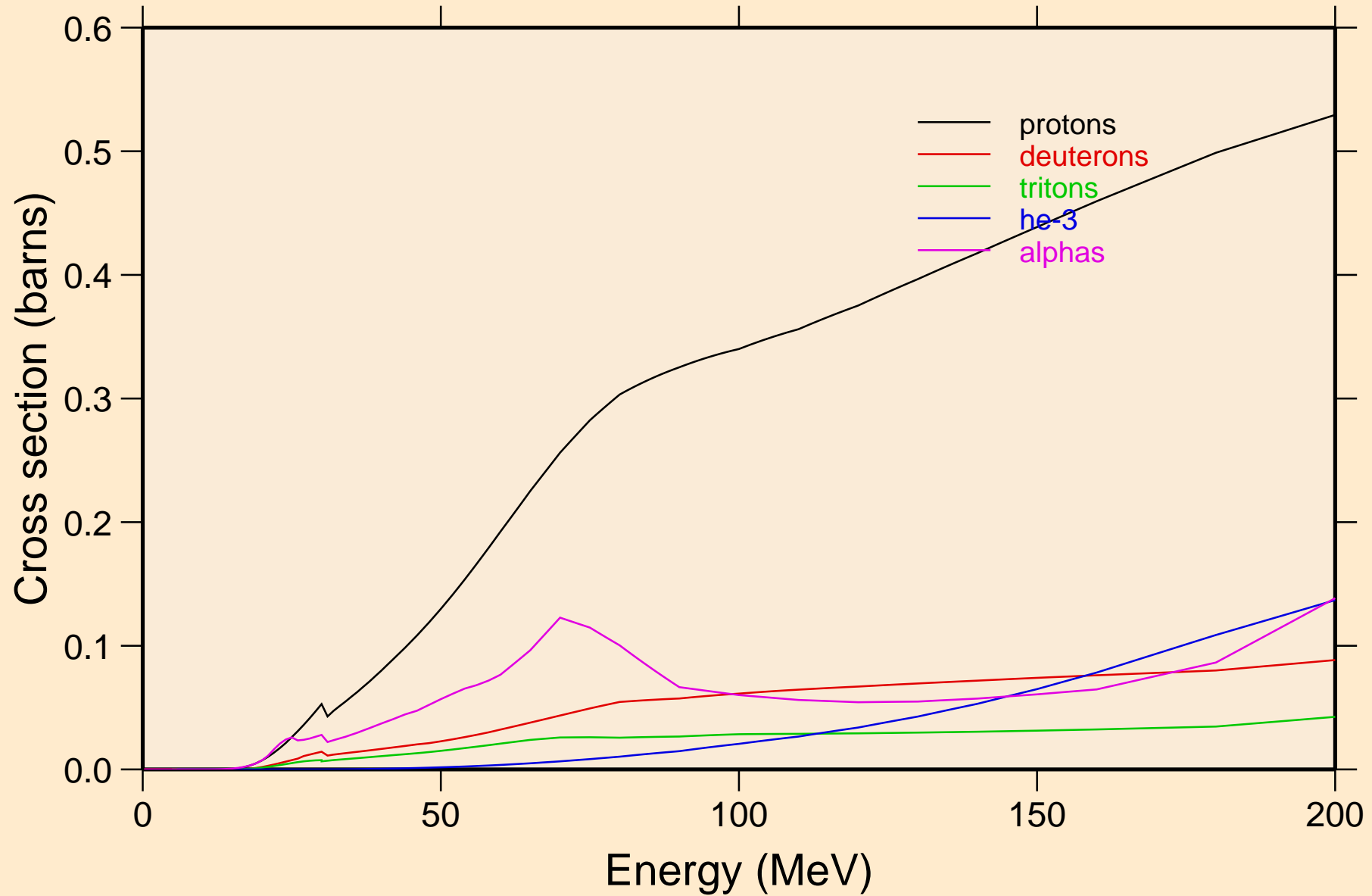


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

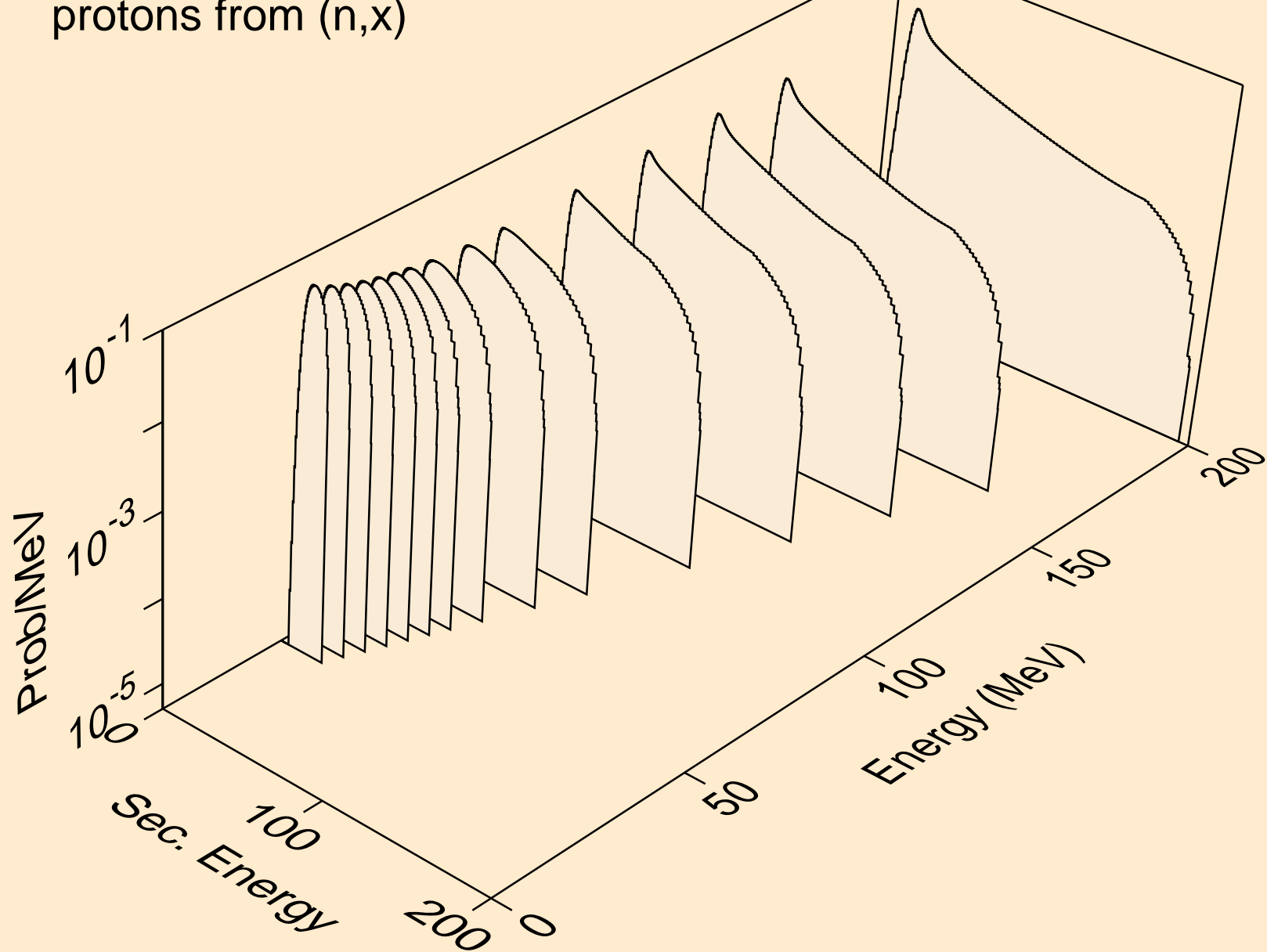


# RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

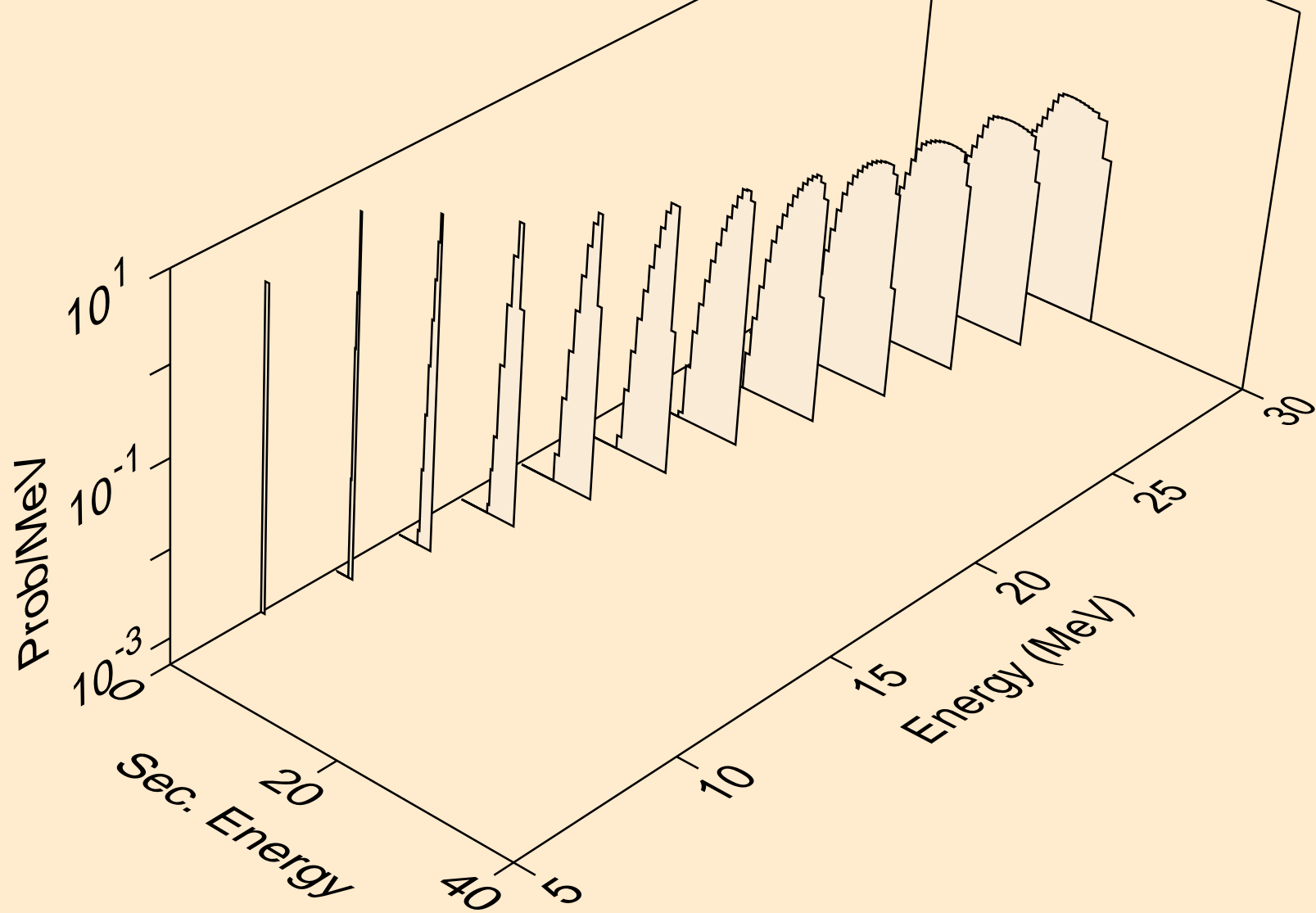
## Particle production cross sections



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

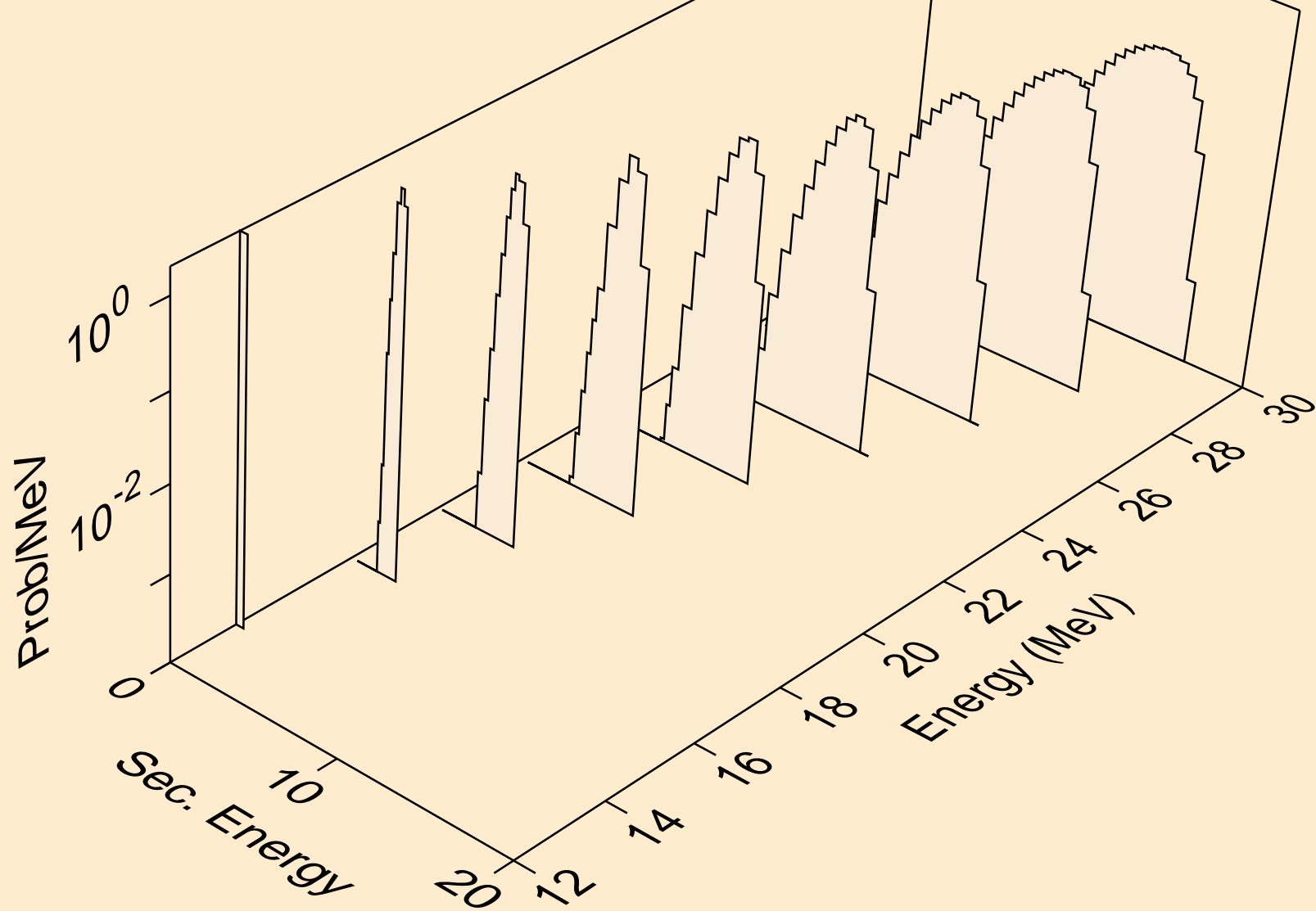


RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

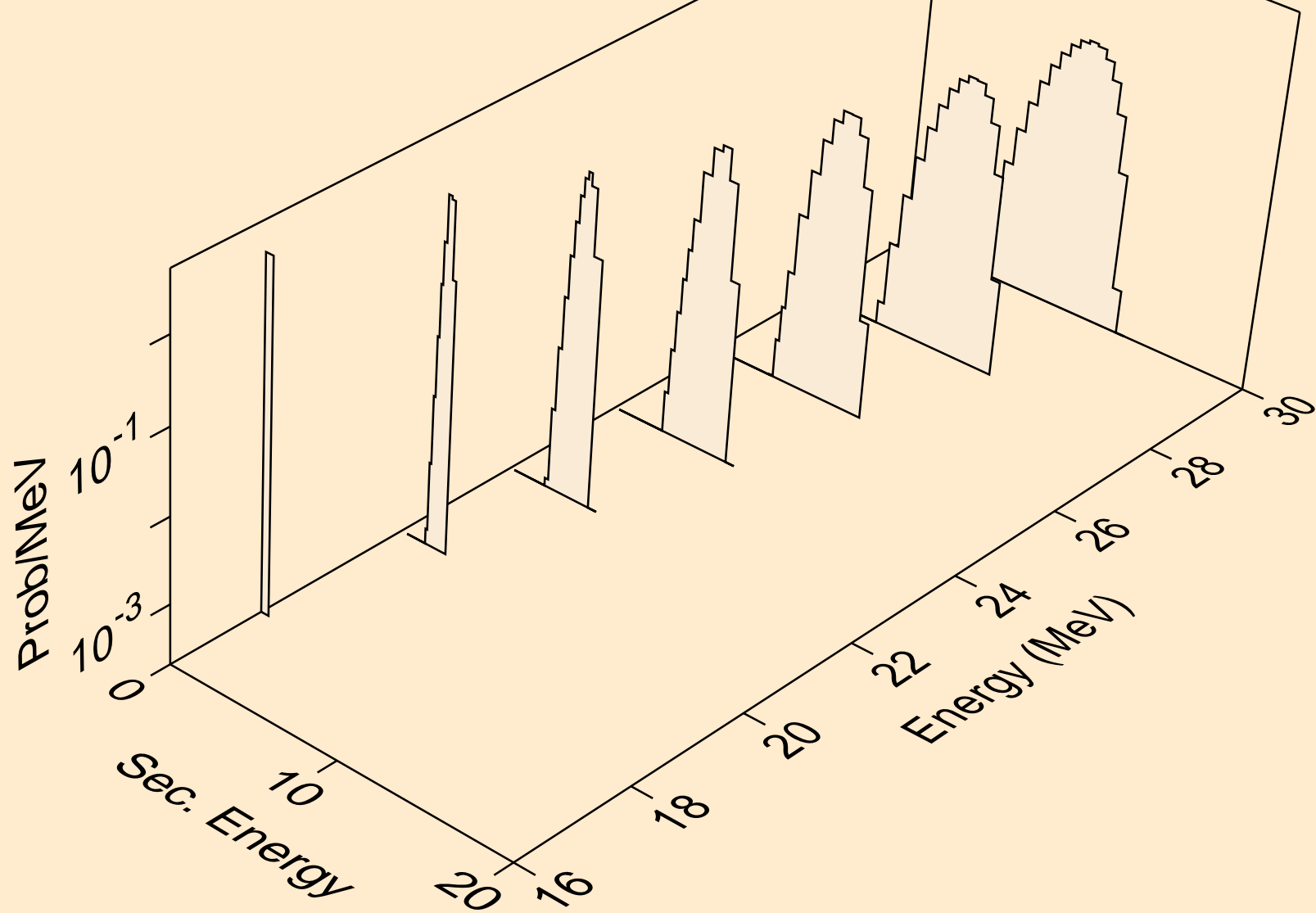




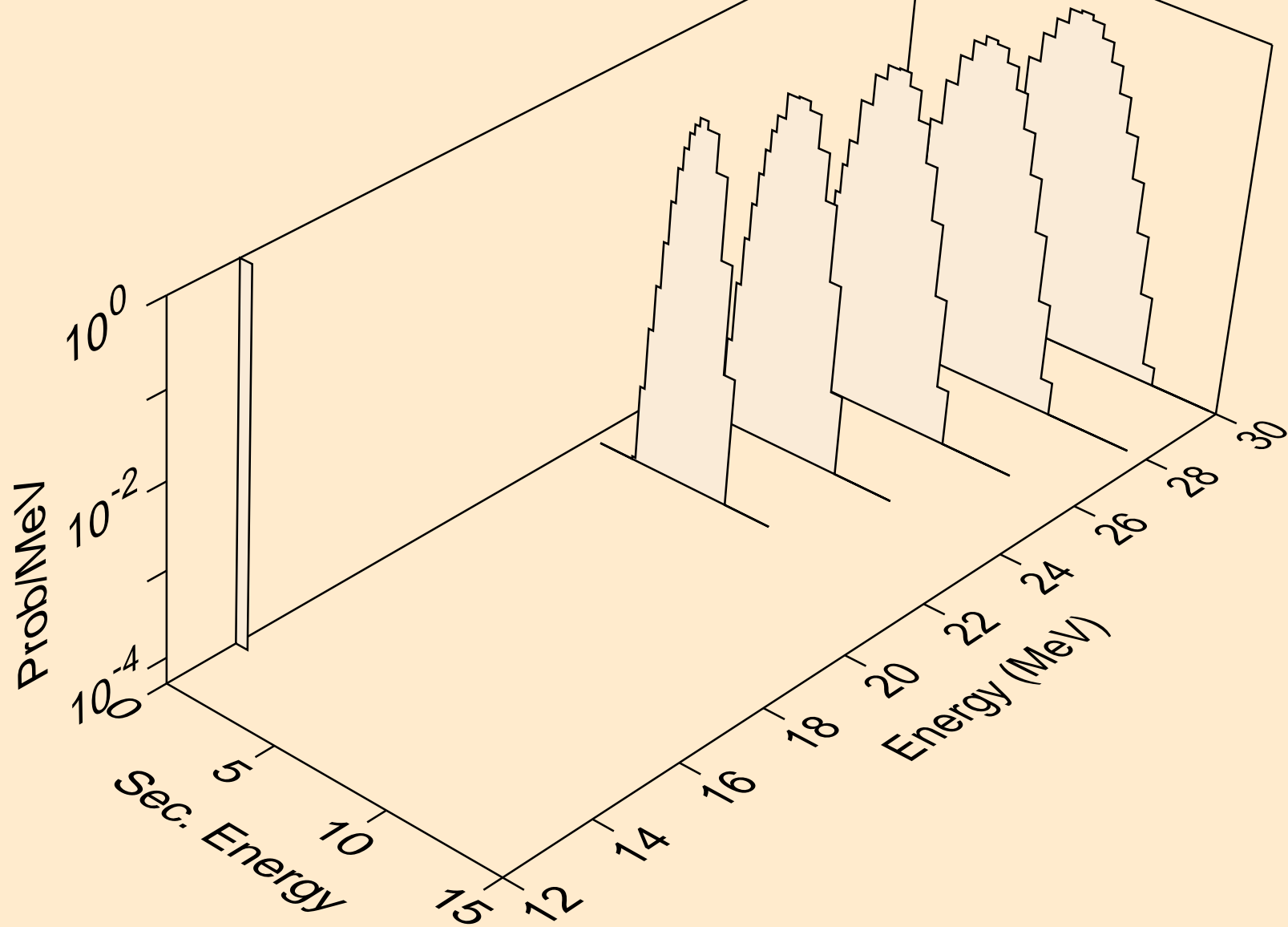
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



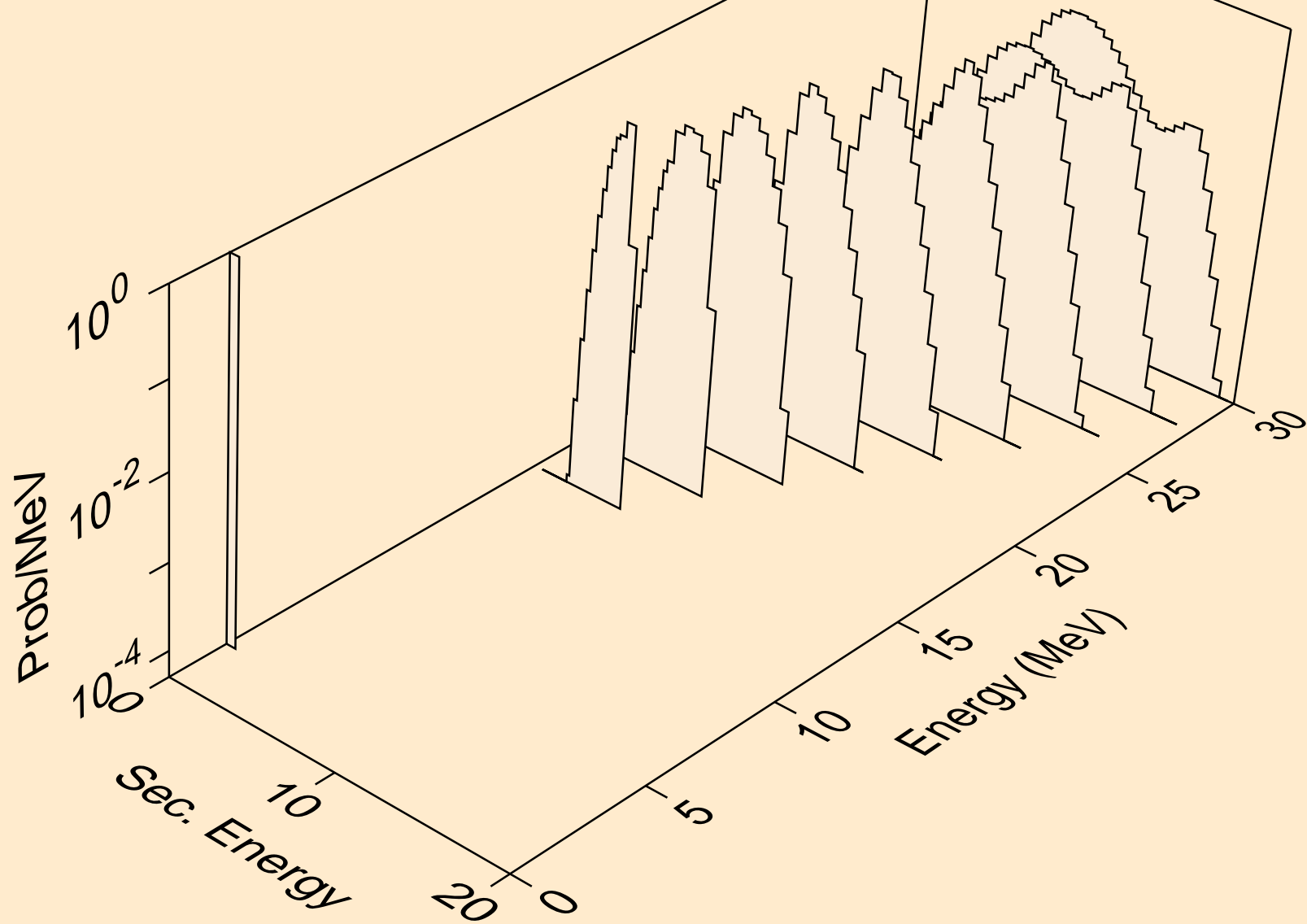
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



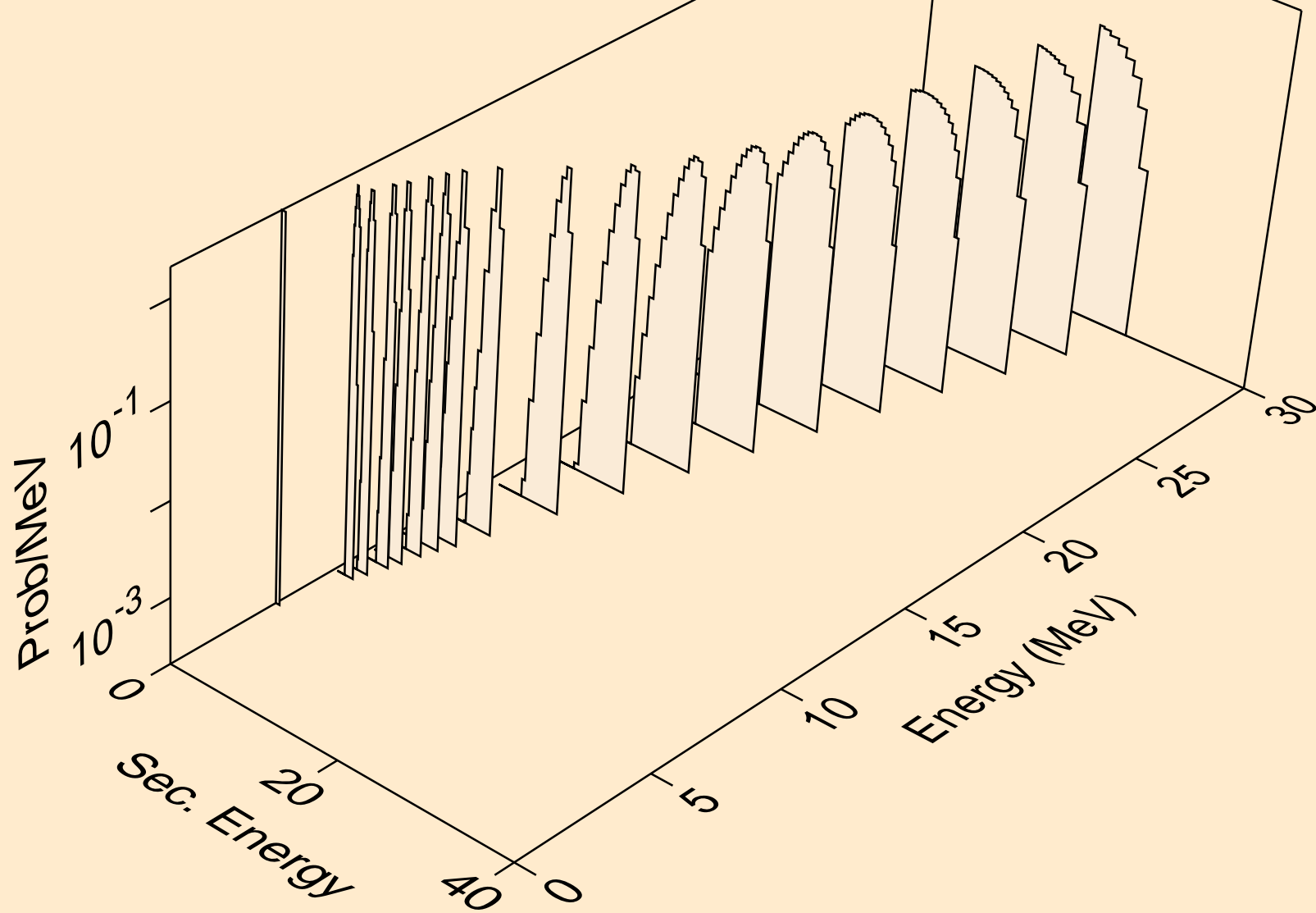
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protons from (n,n2p)



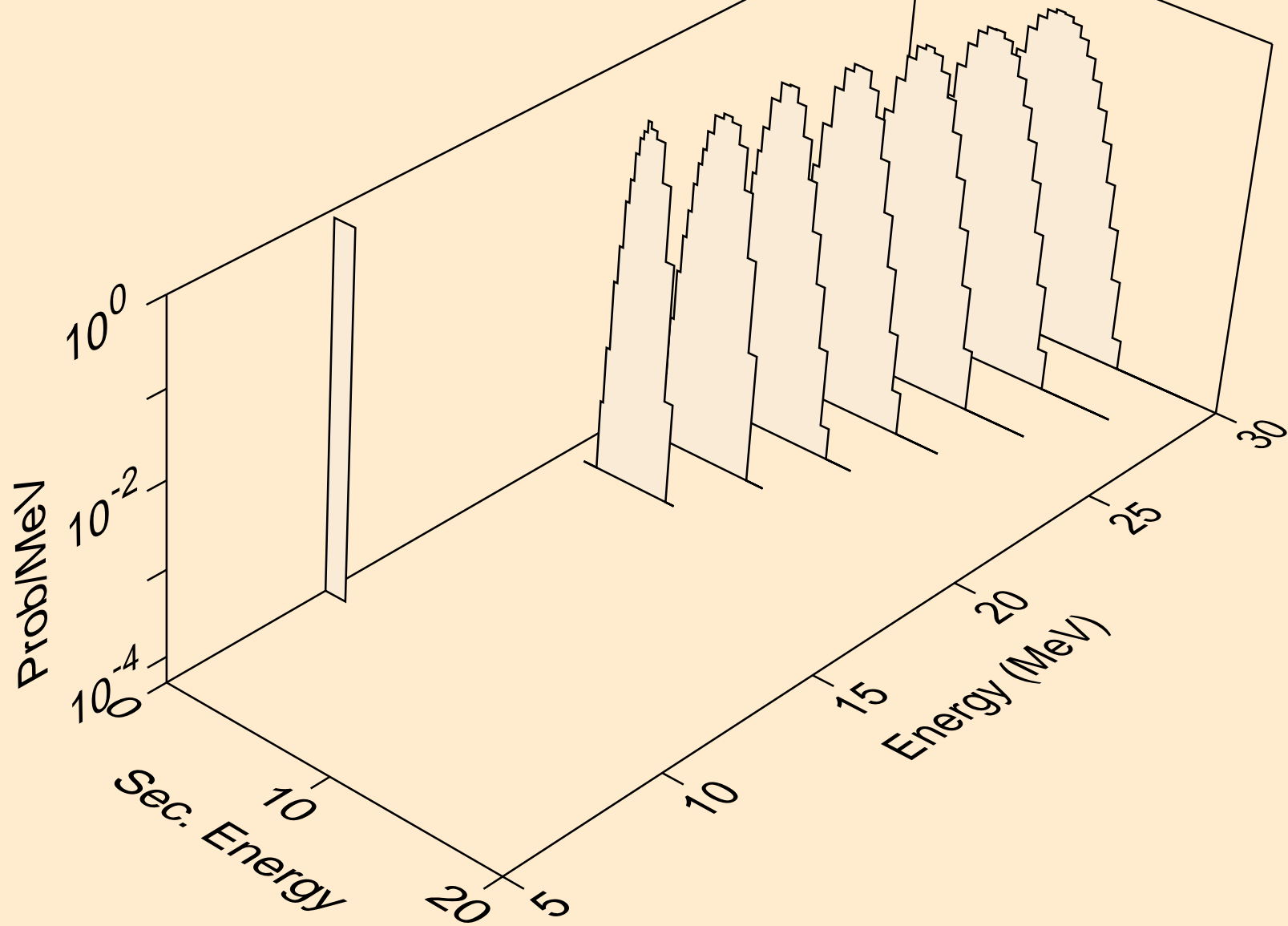
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protons from (n,npa)



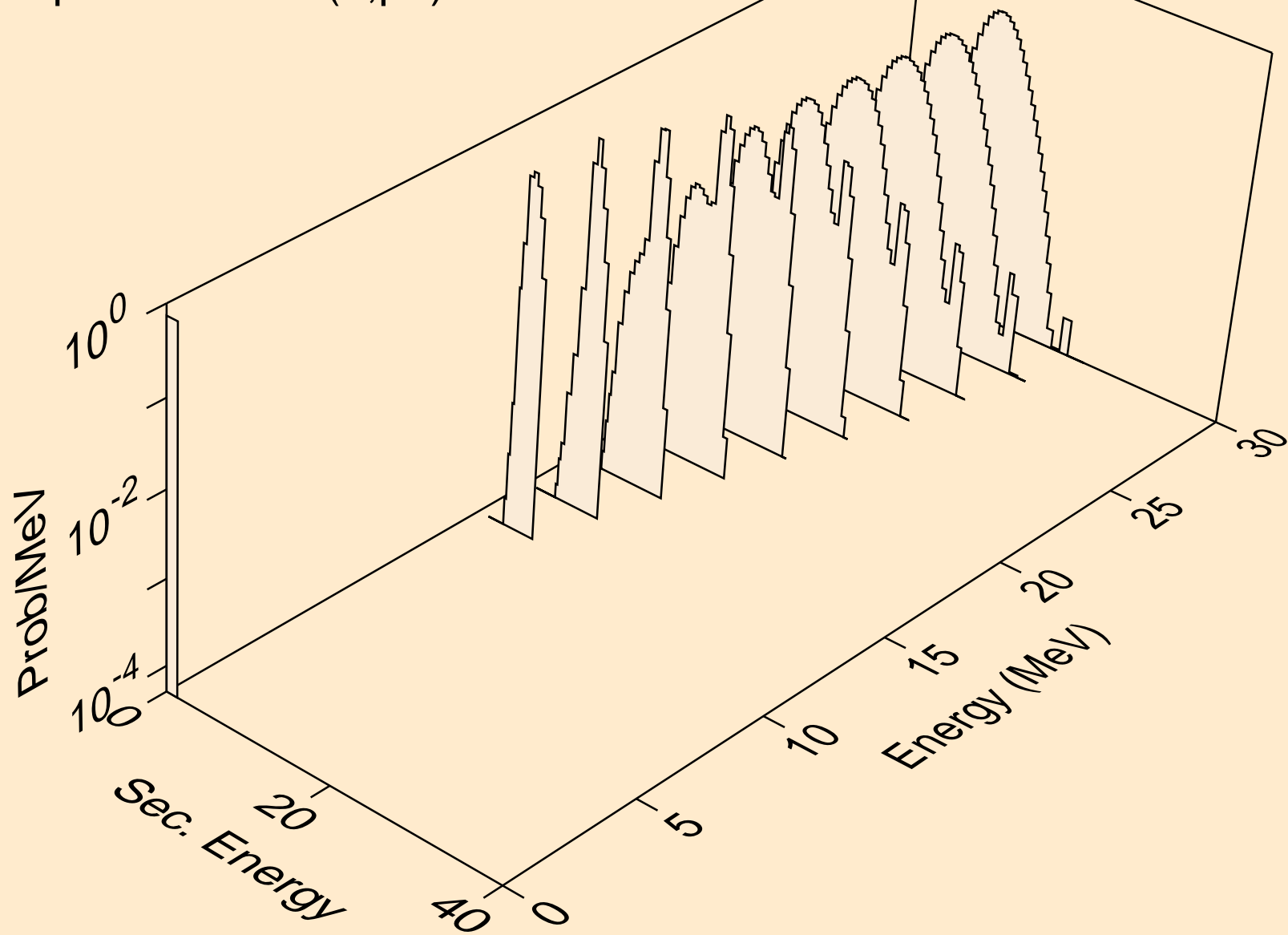
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protons from (n,p)



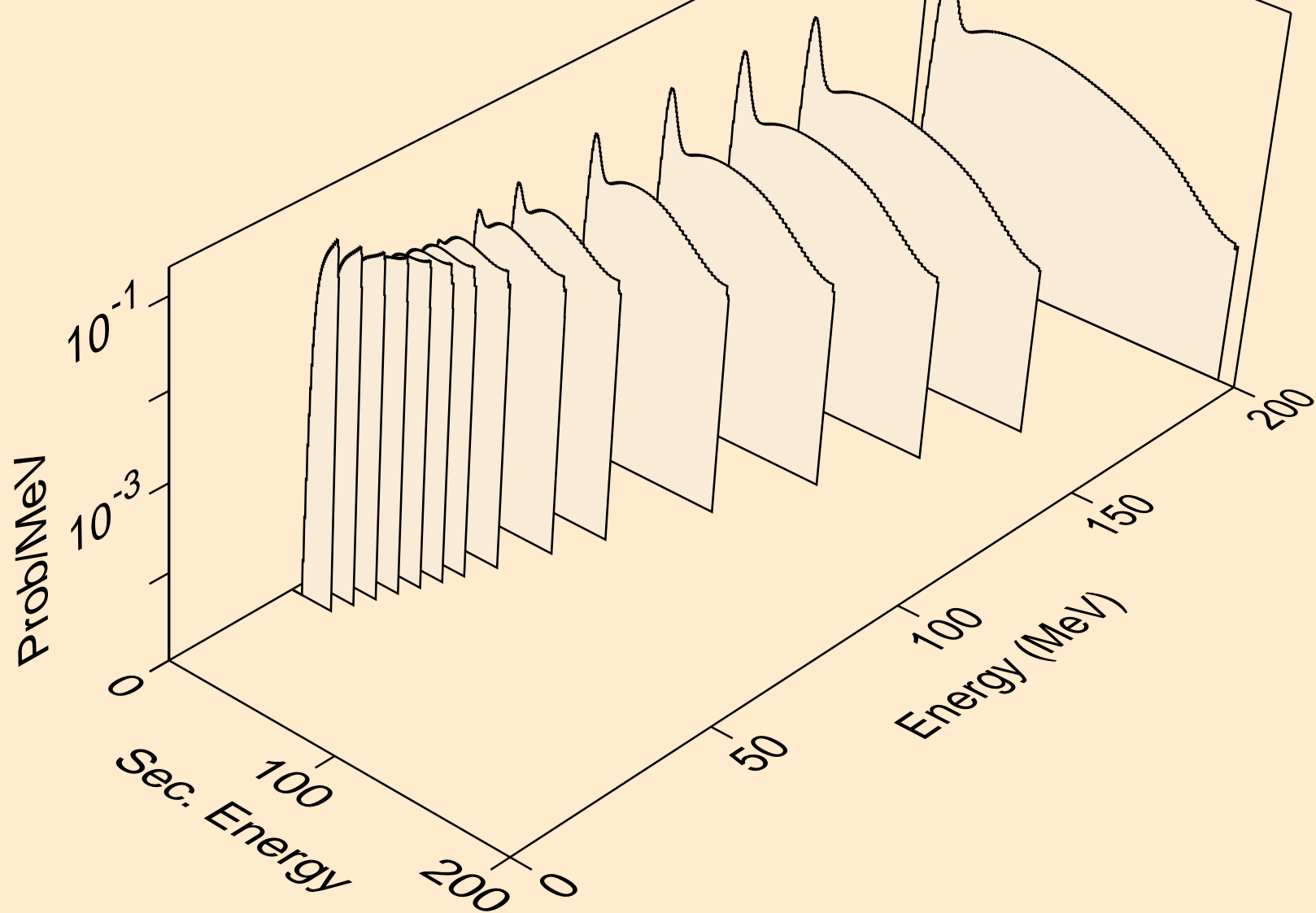
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pa)

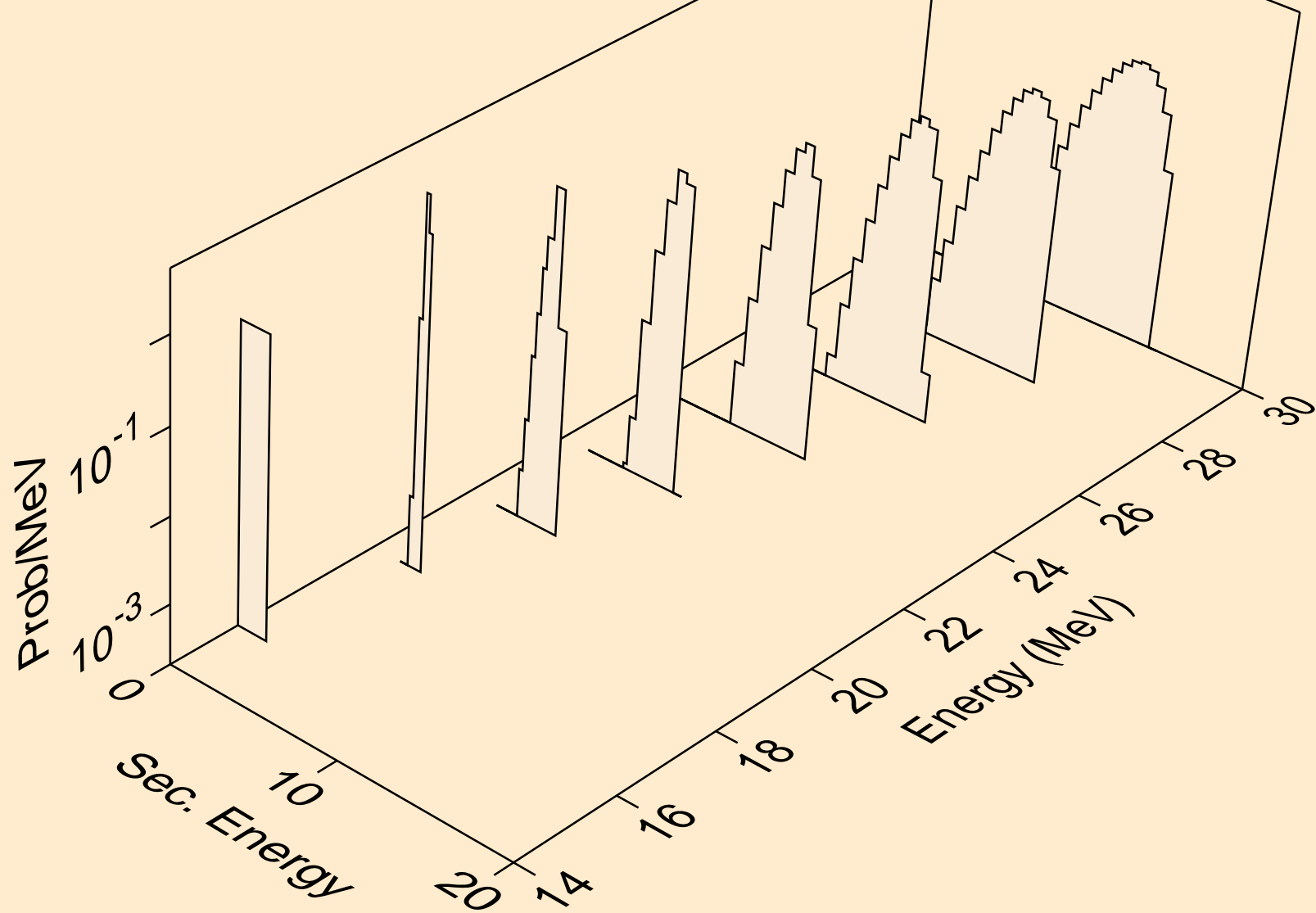


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deuterons from (n,x)

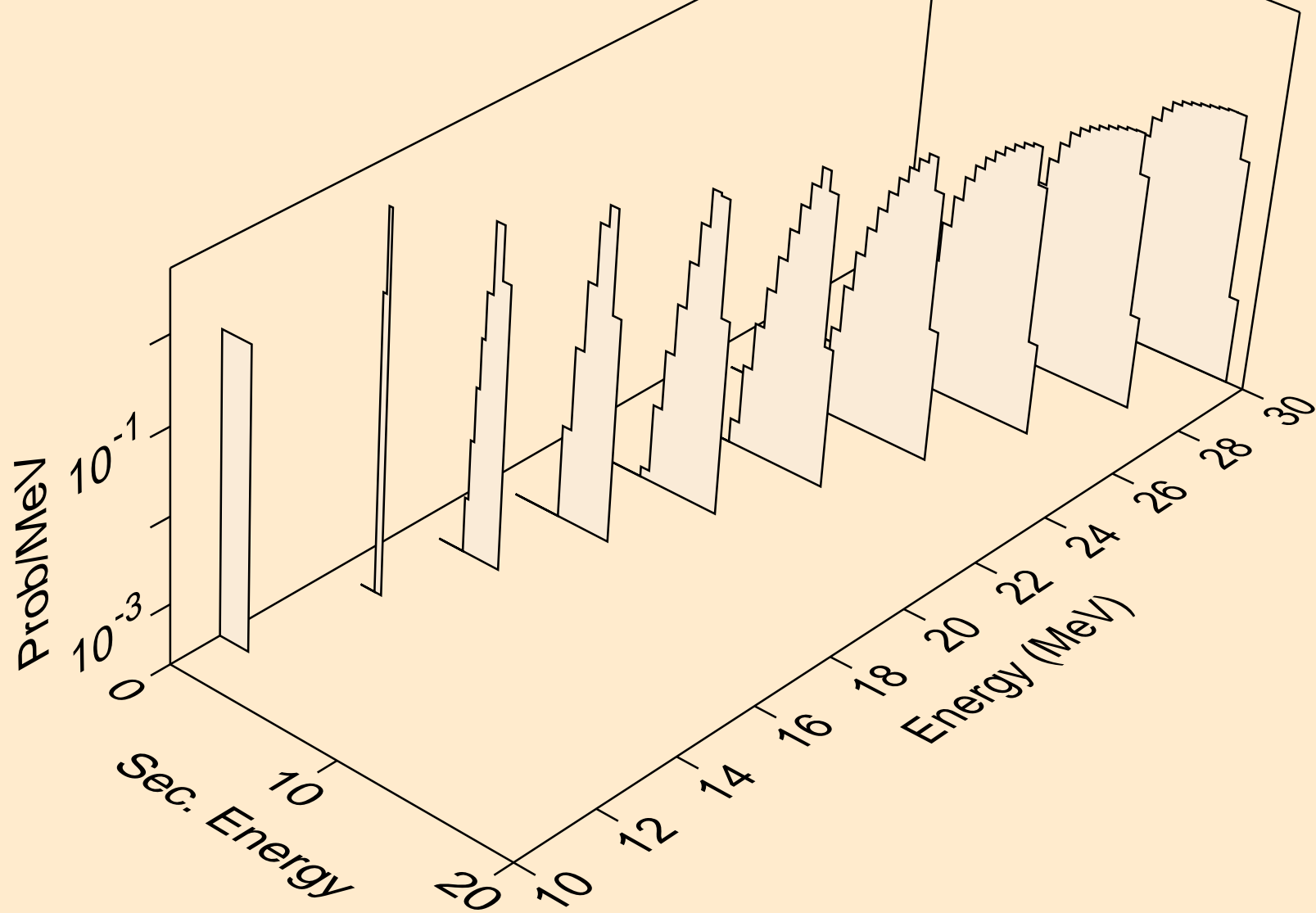




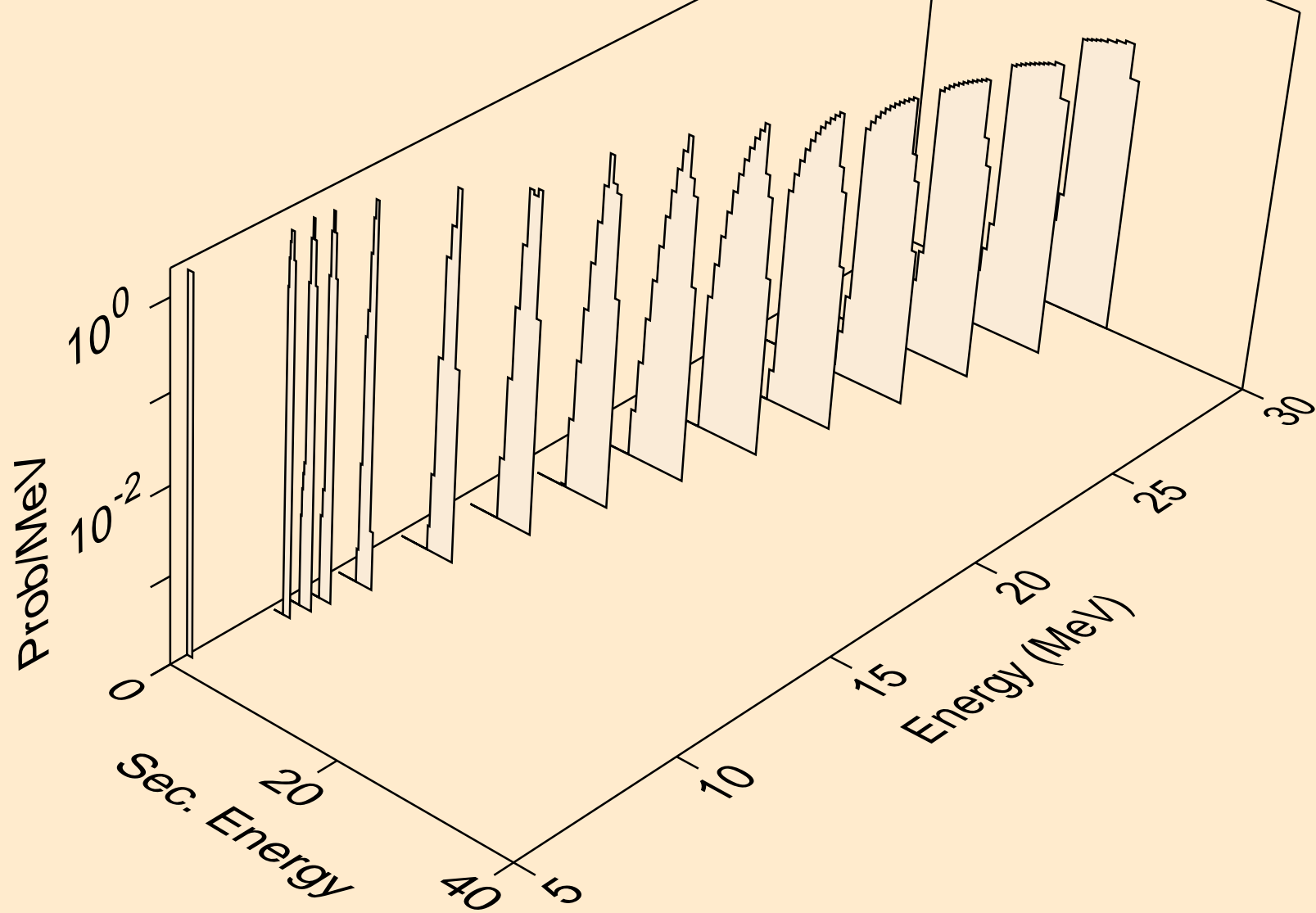
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deuterons from (n,2nd)



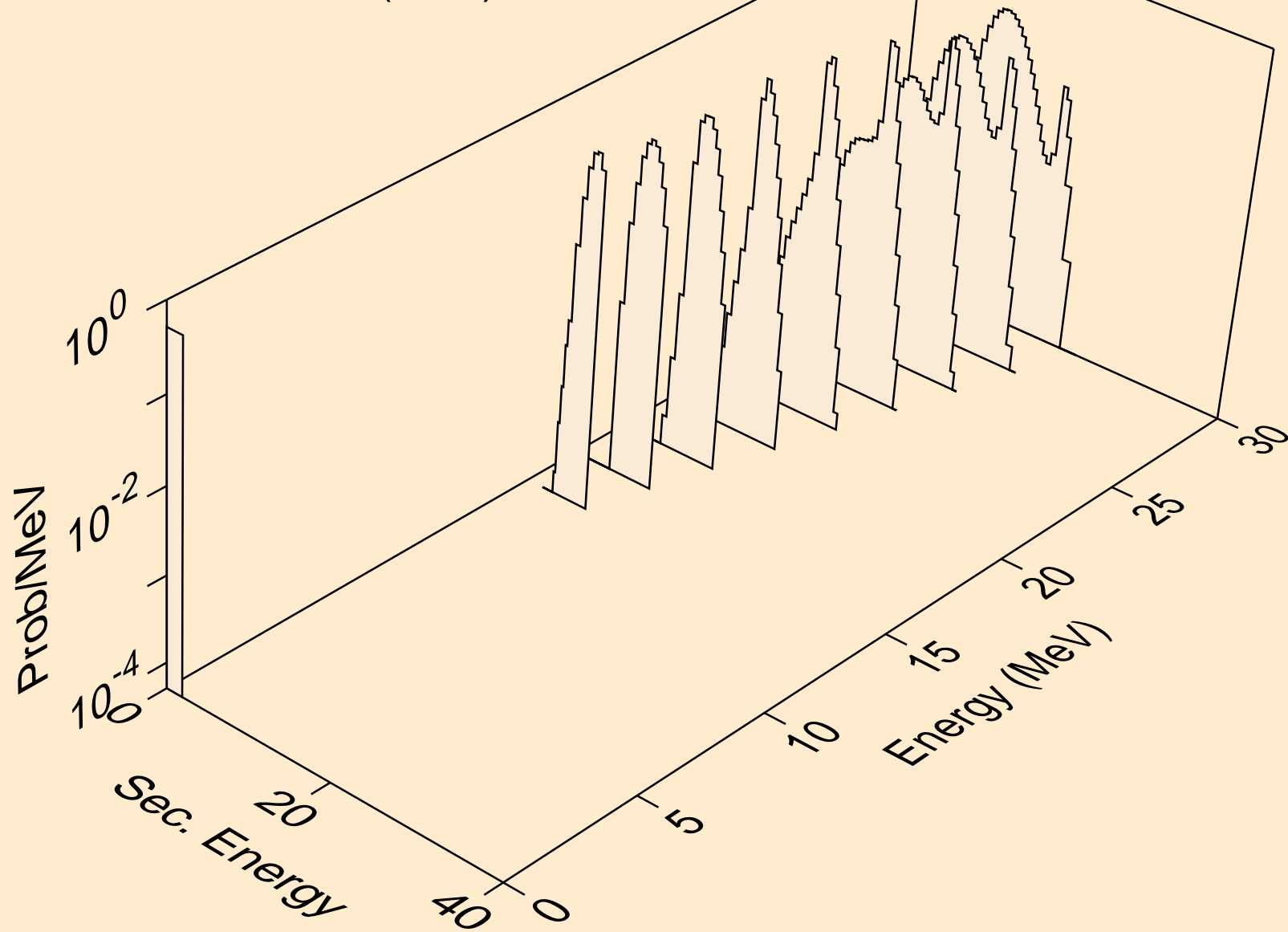
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



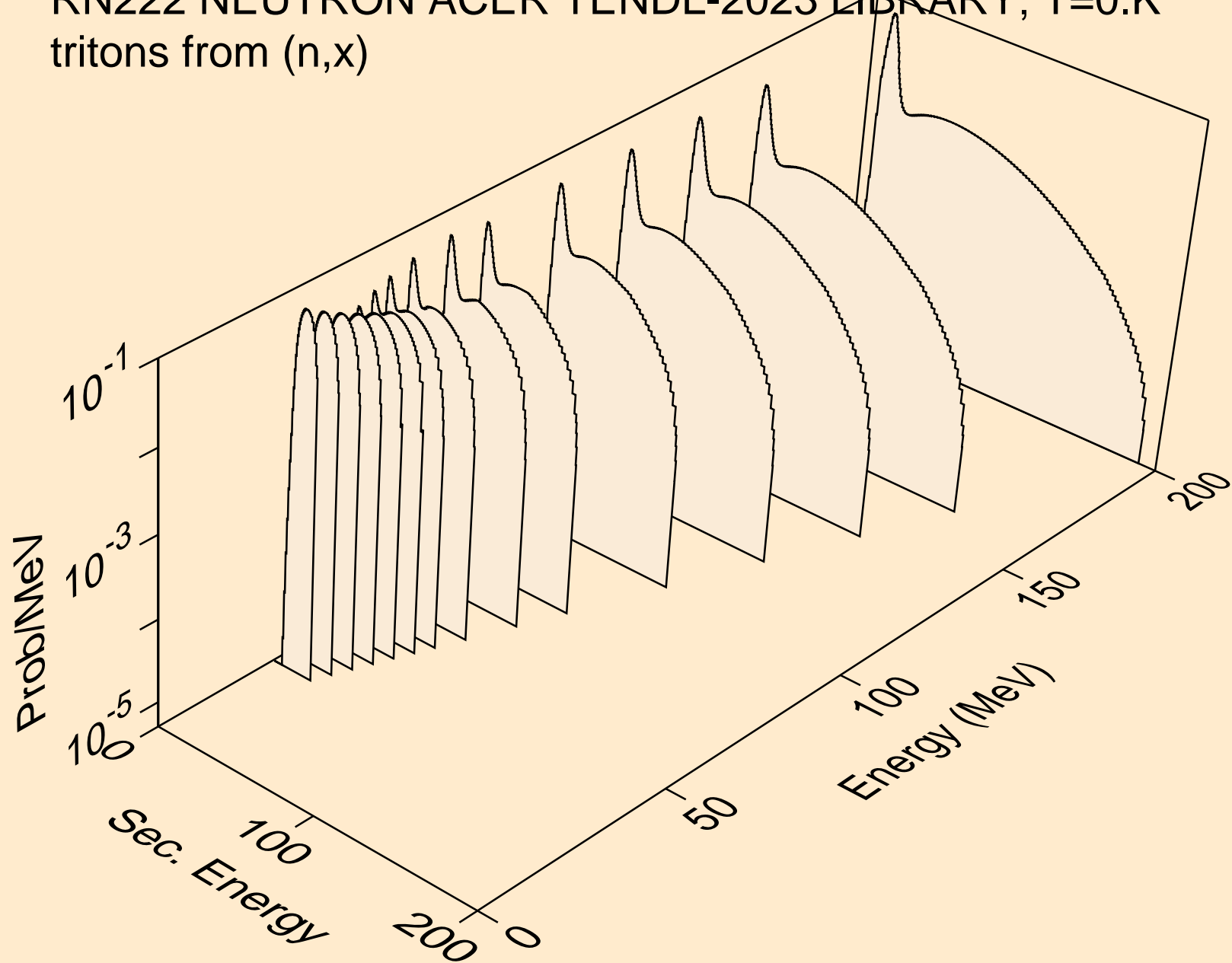
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deuterons from (n,d)



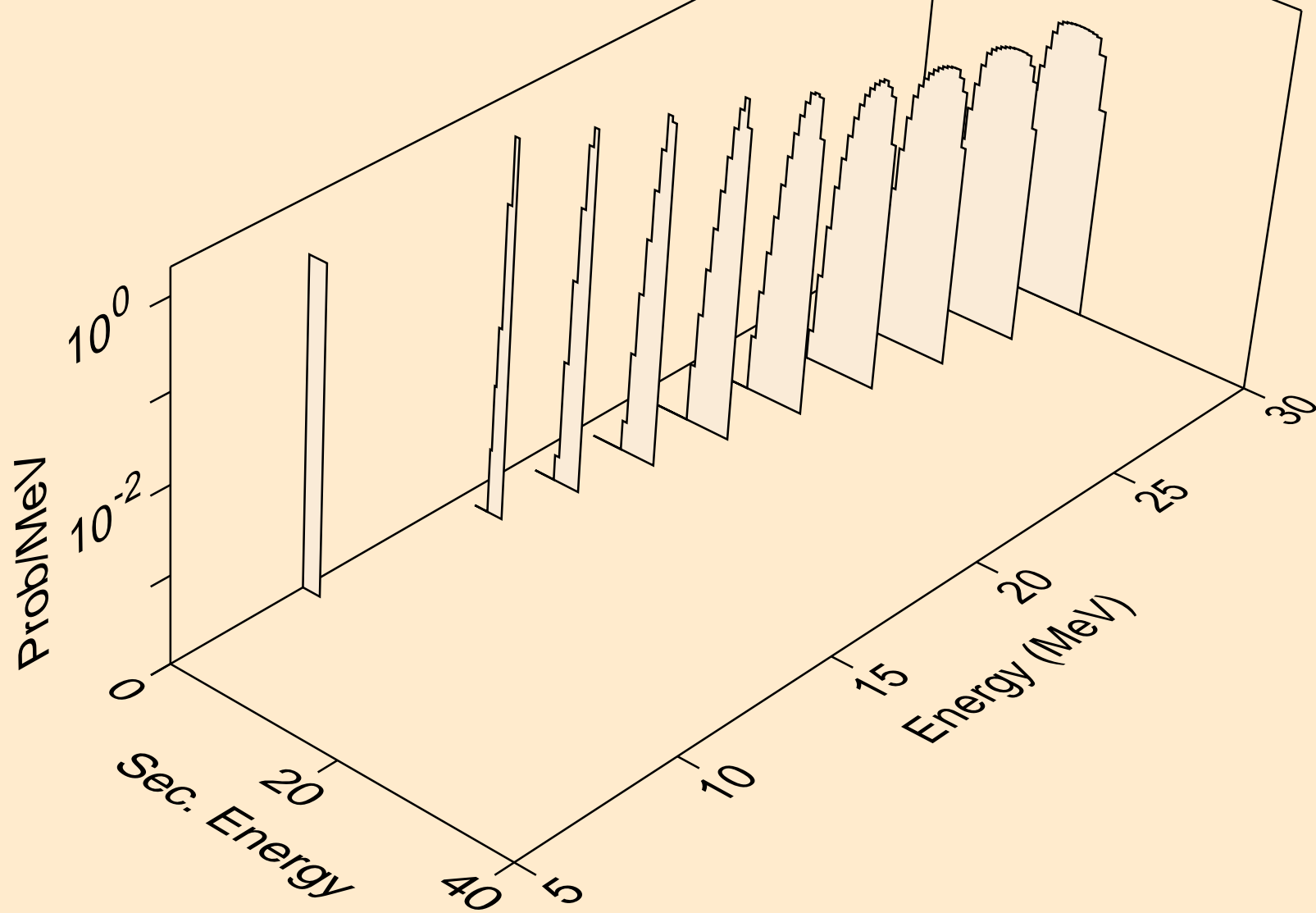
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deuterons from (n,da)



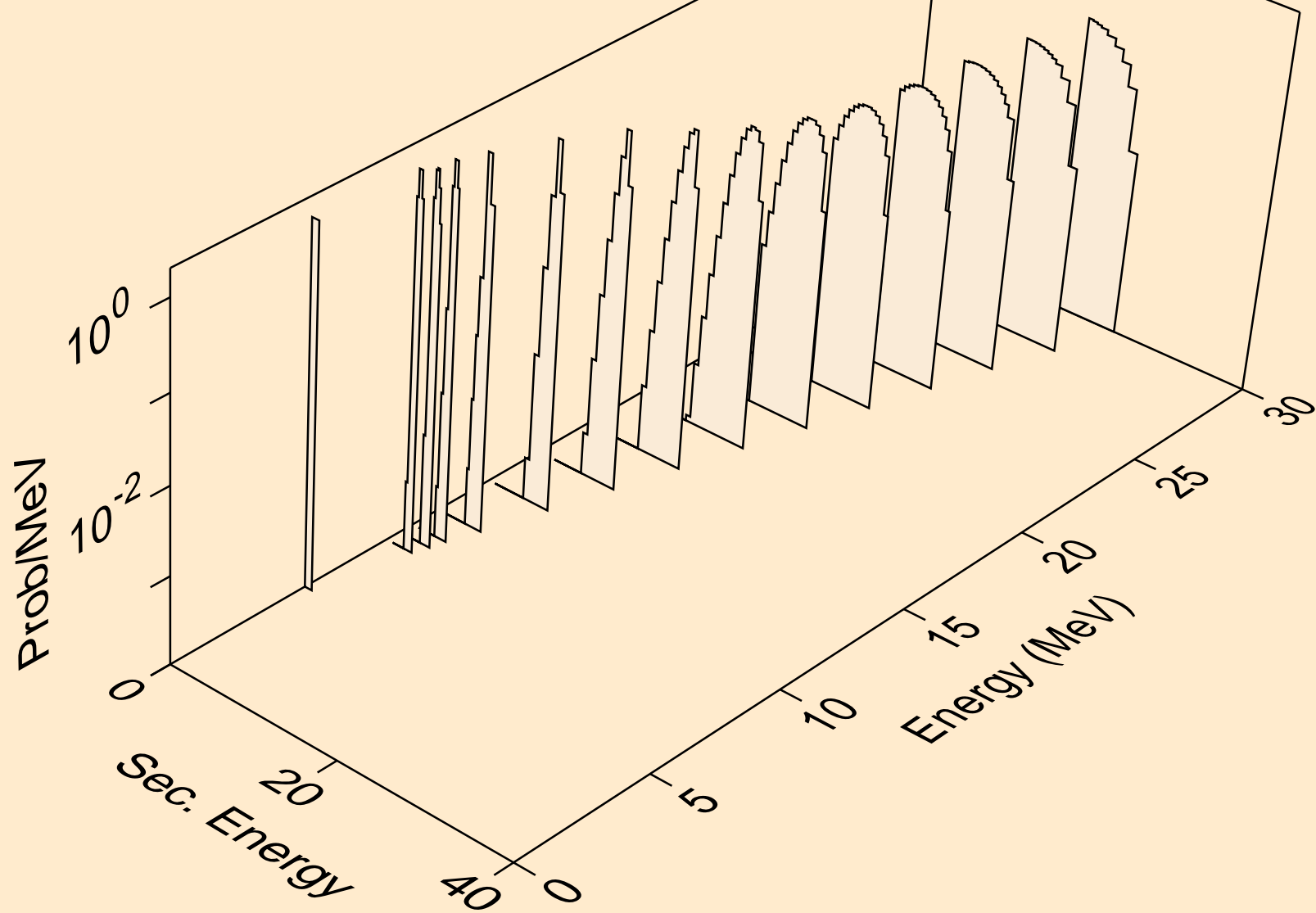
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



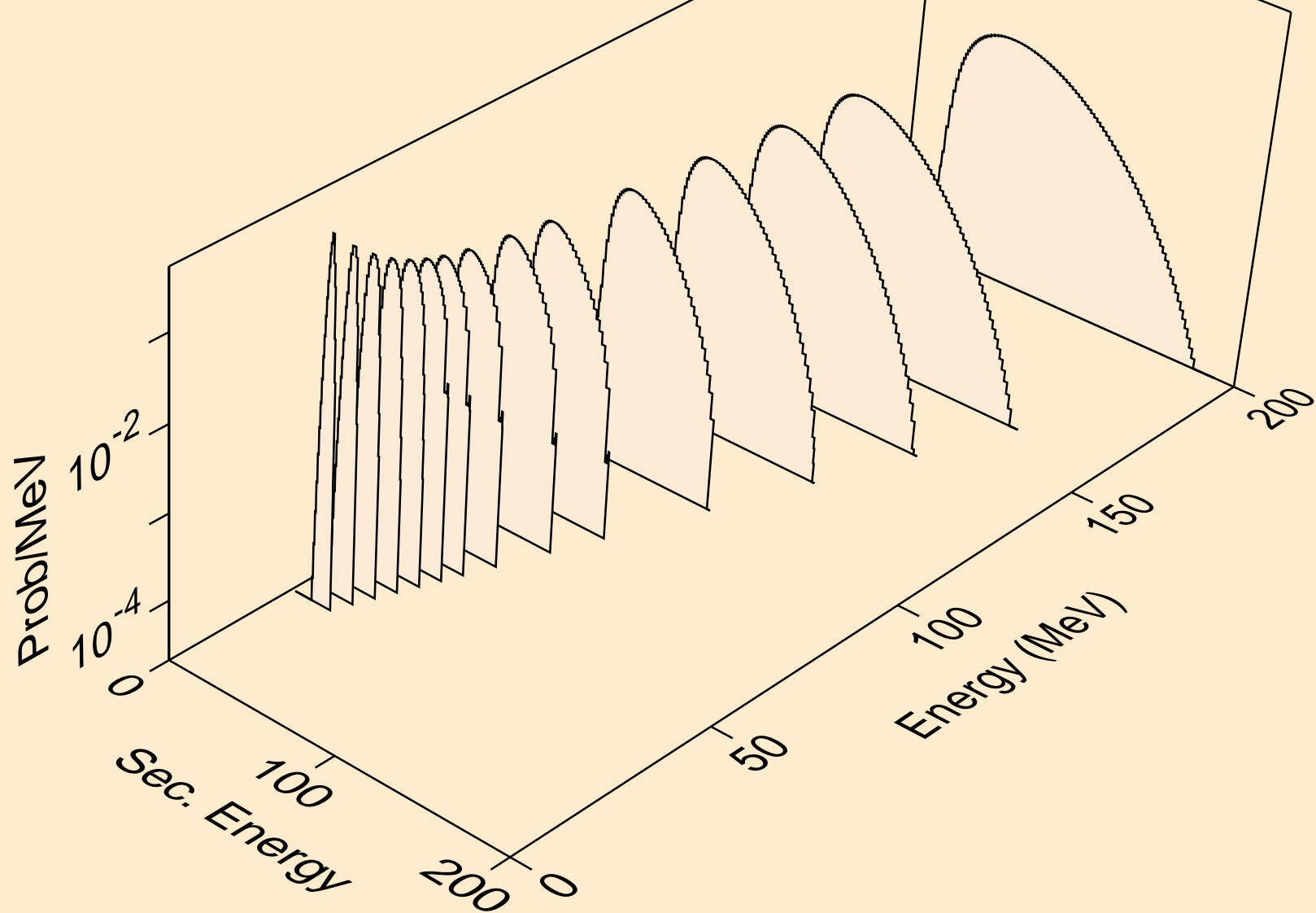
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

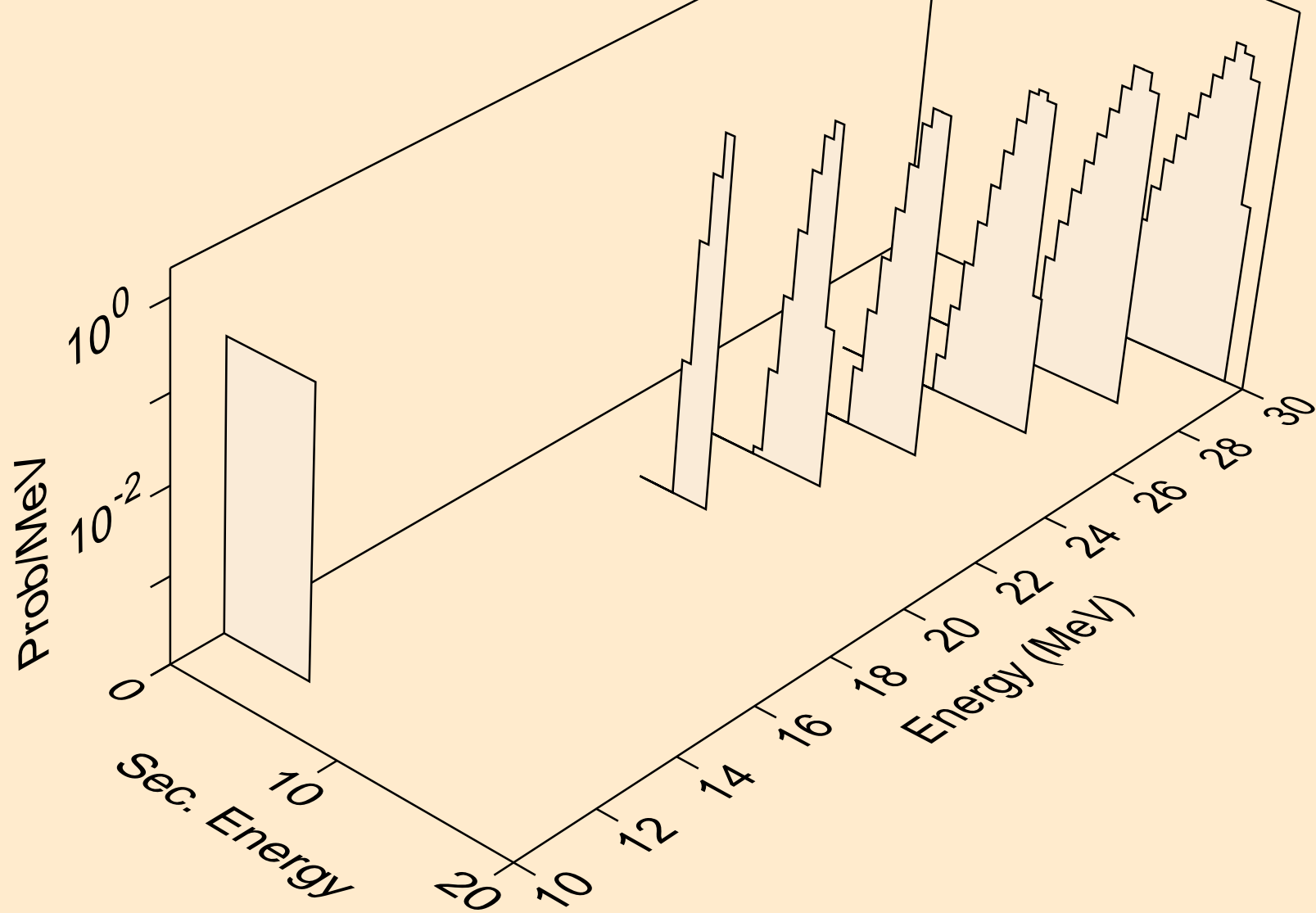


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he3s from (n,x)

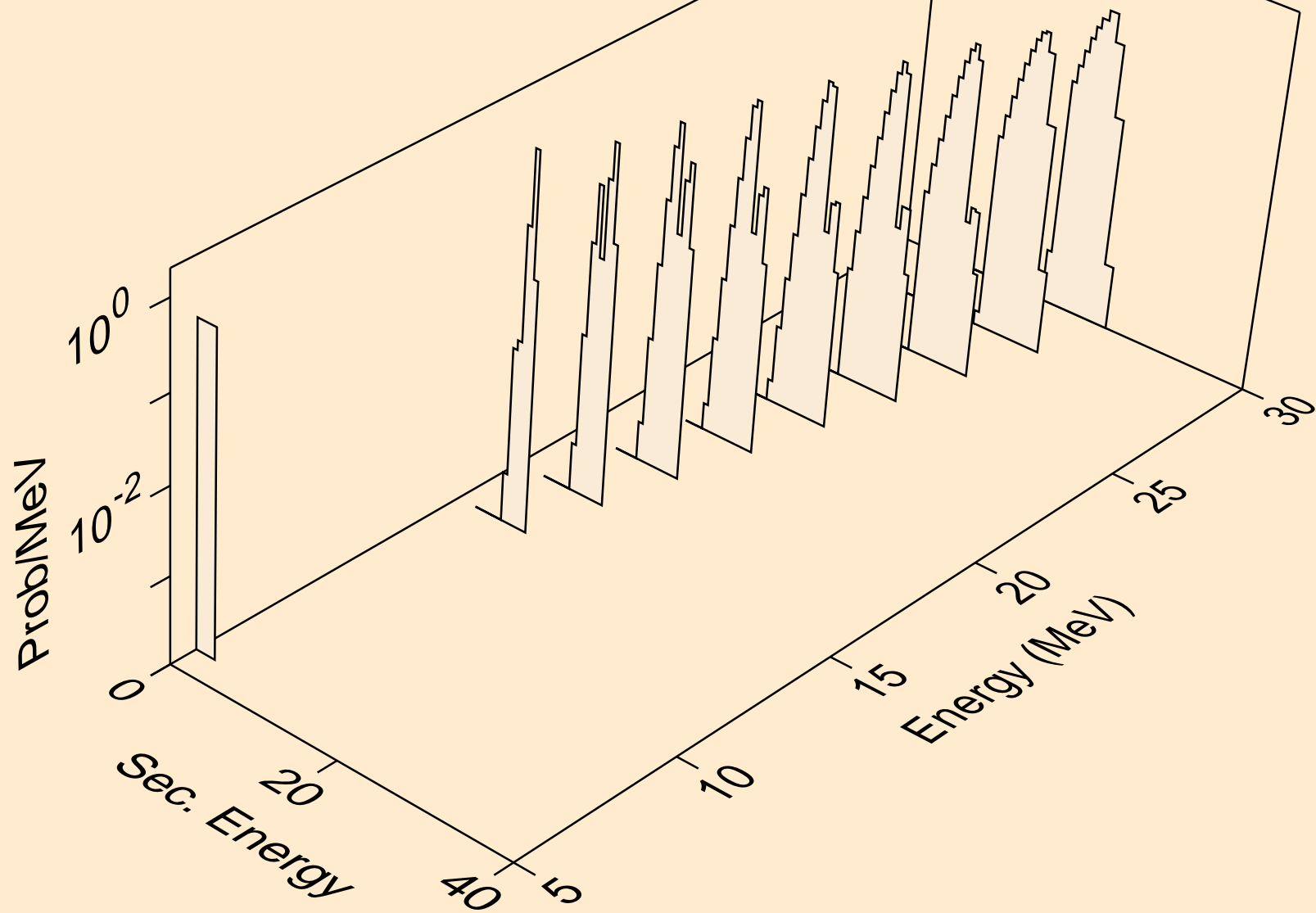




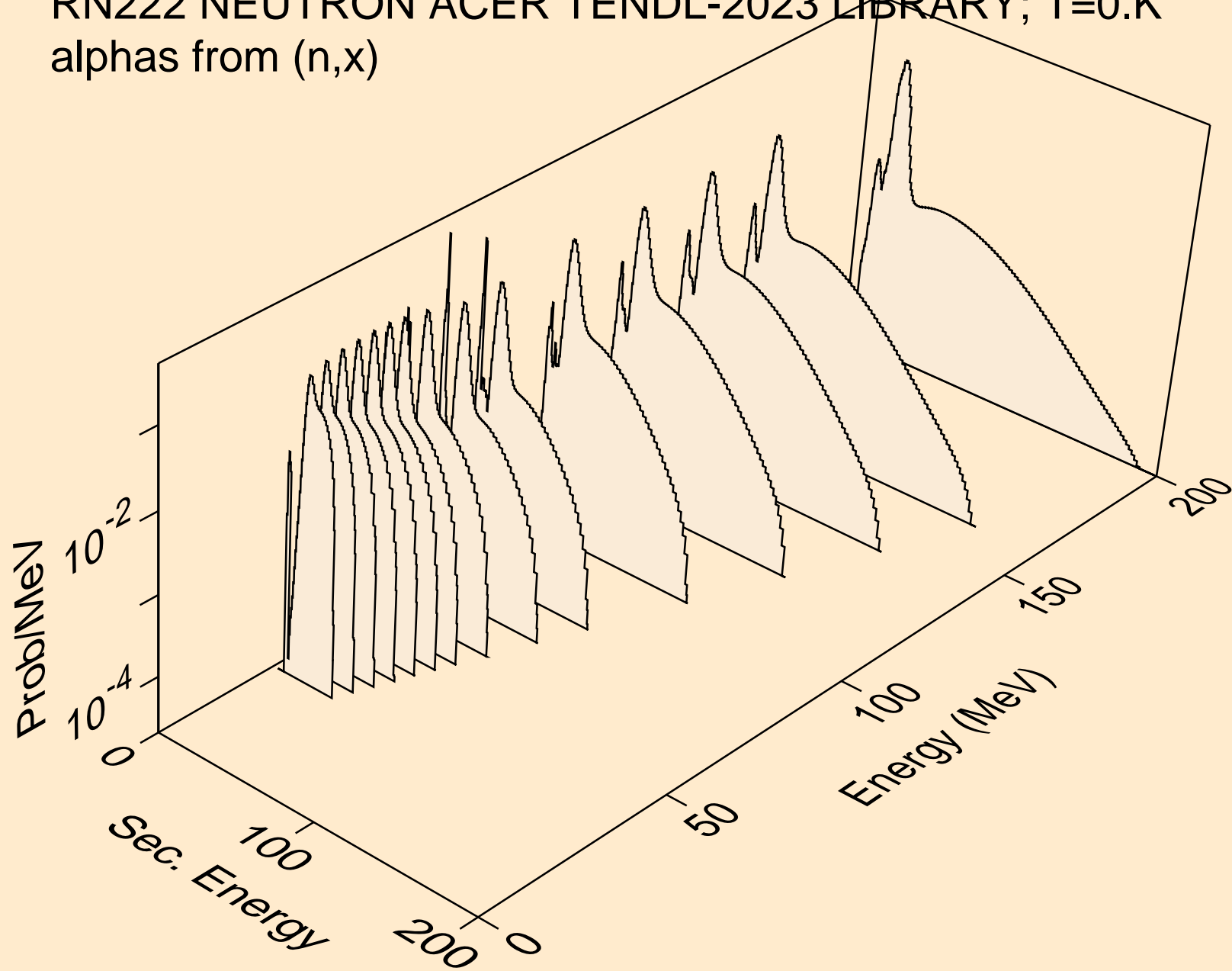
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he3s from (n,n\*)he3



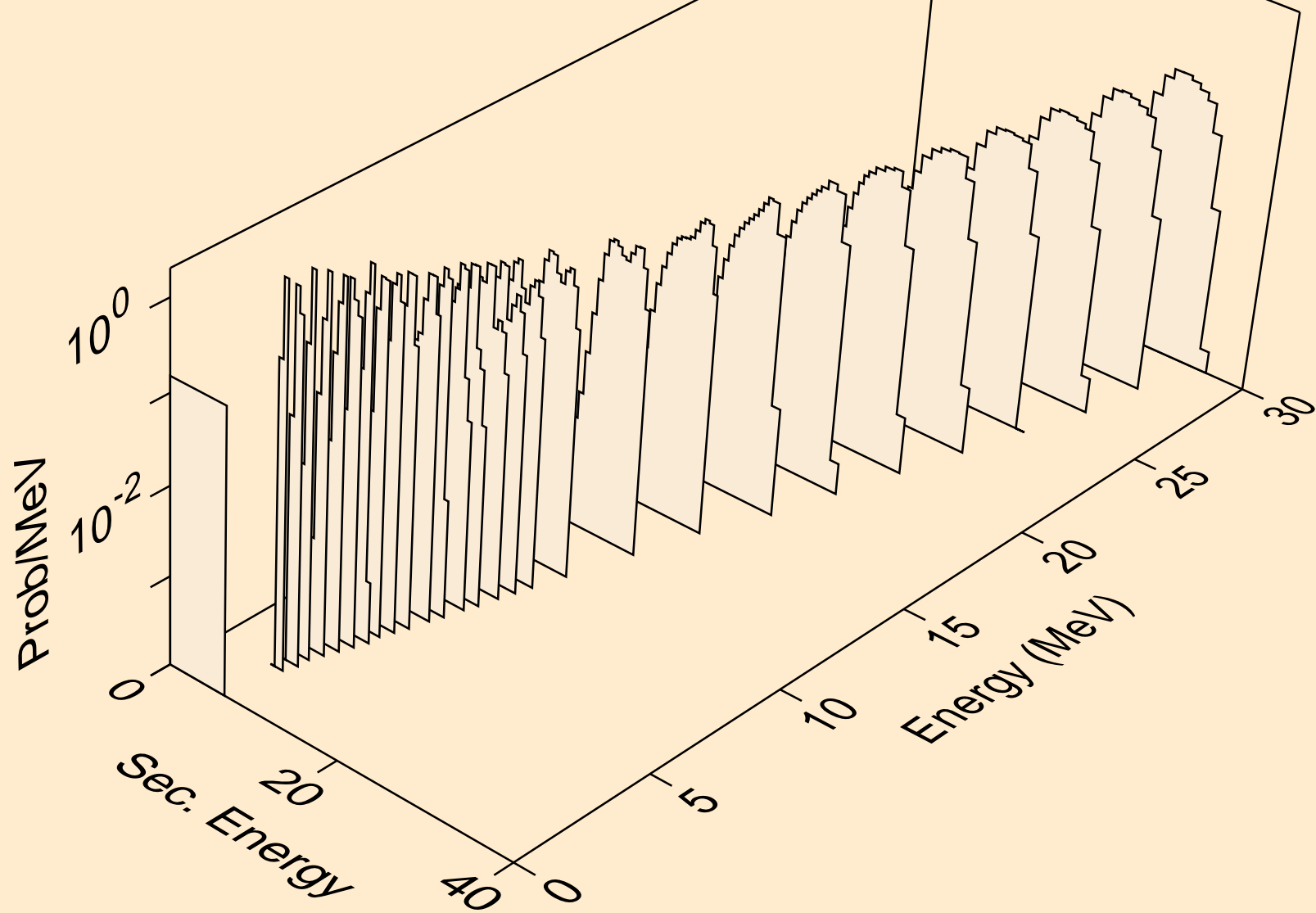
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



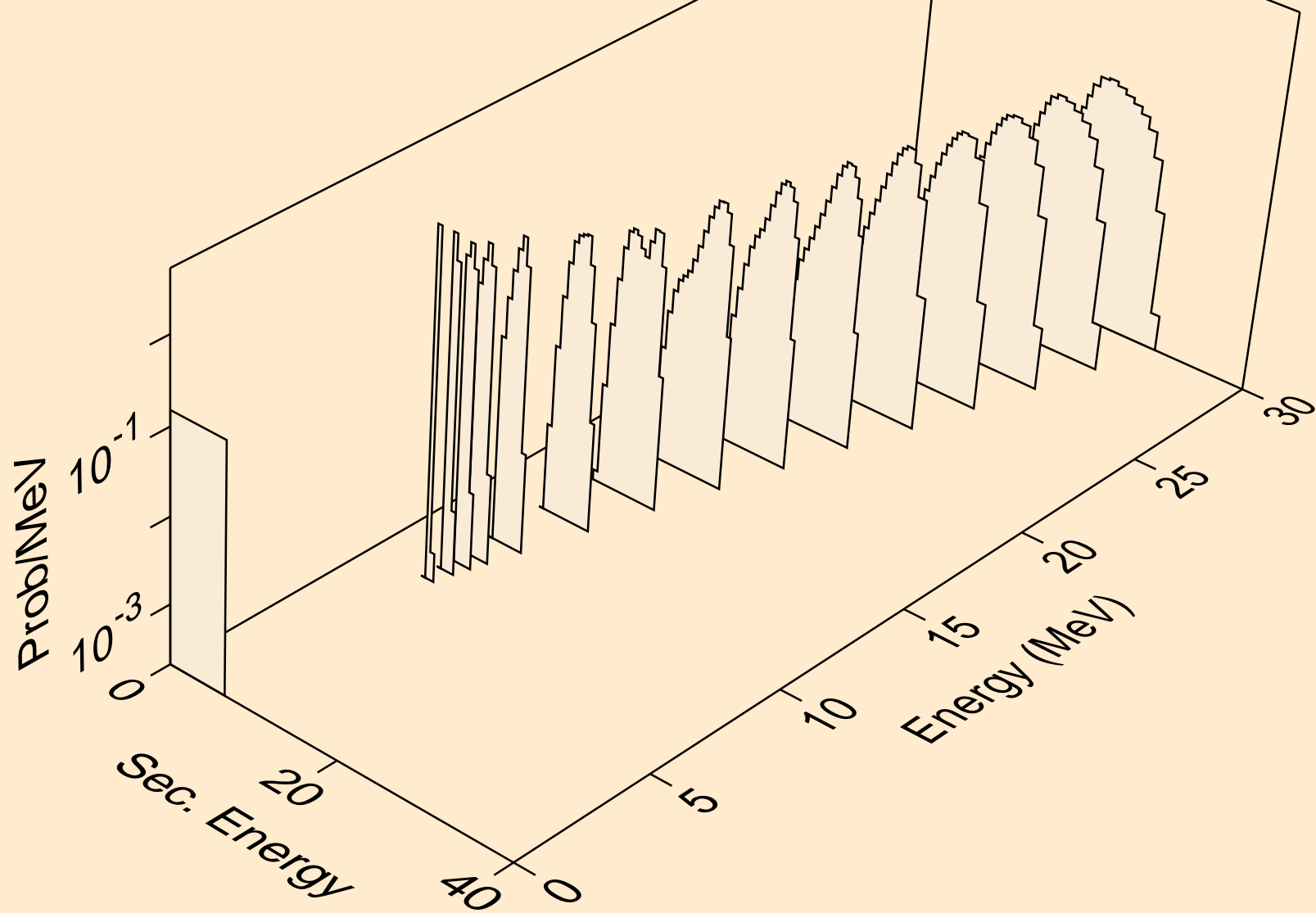
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



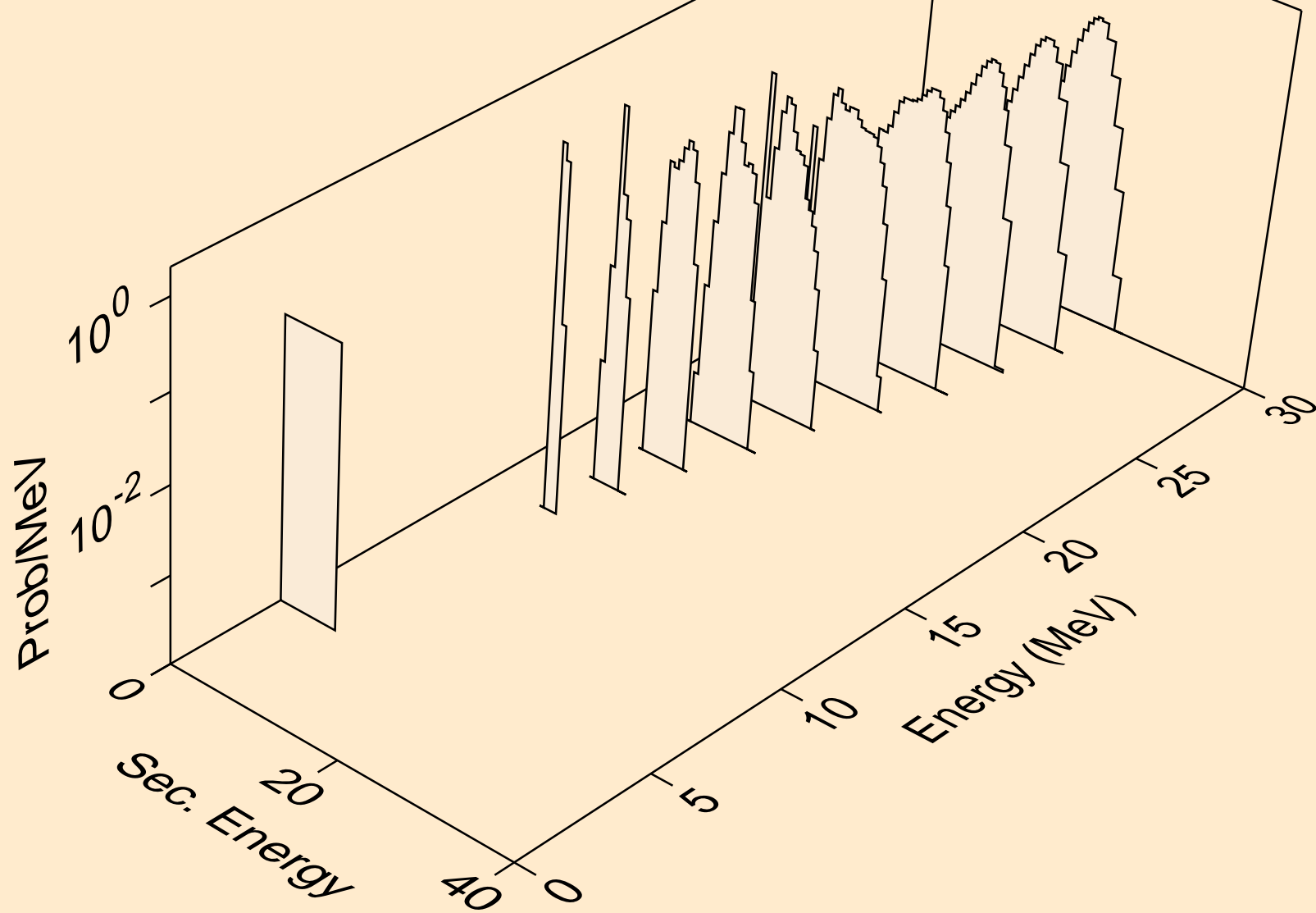
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



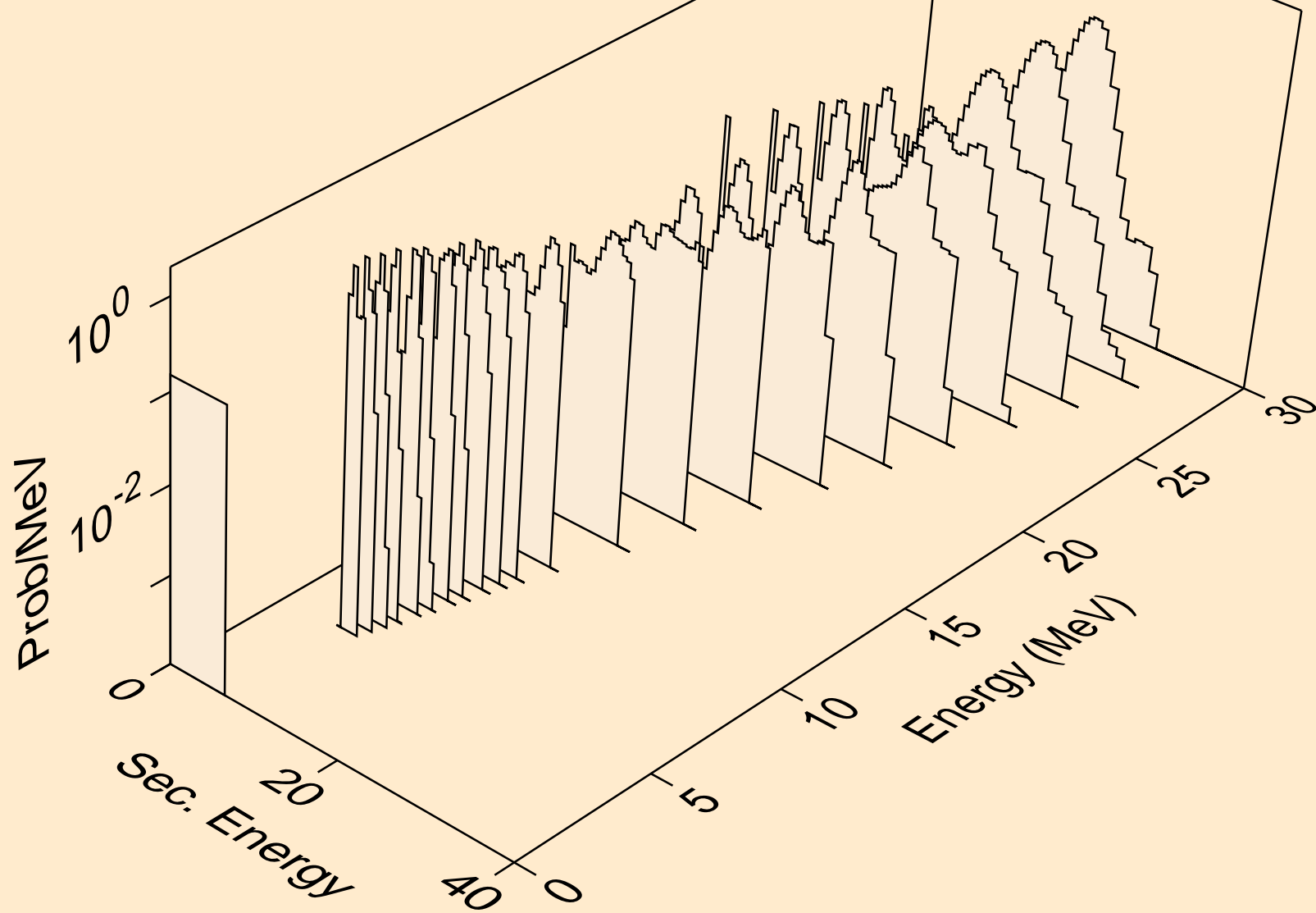
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alphas from (n,2n)a



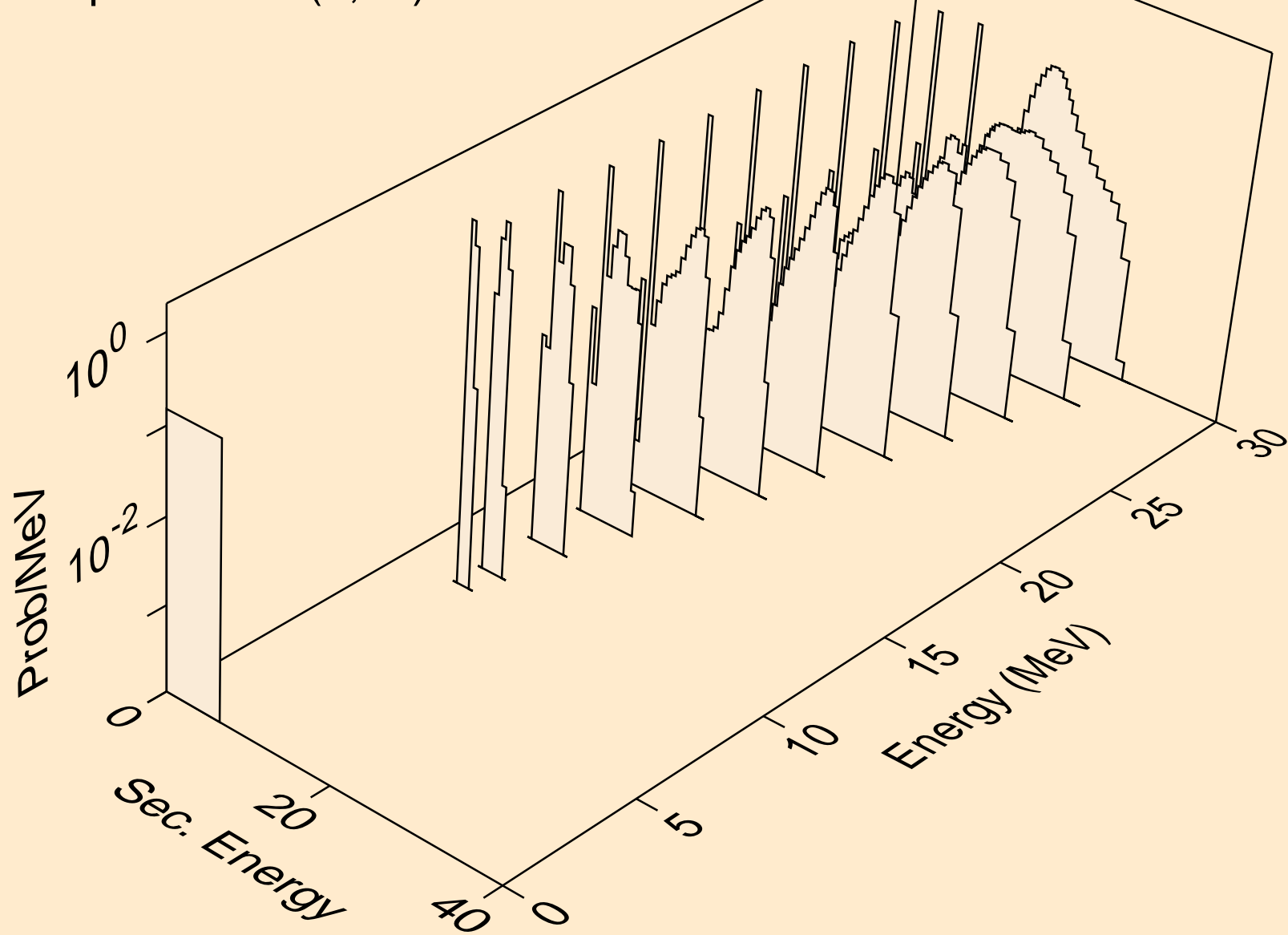
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

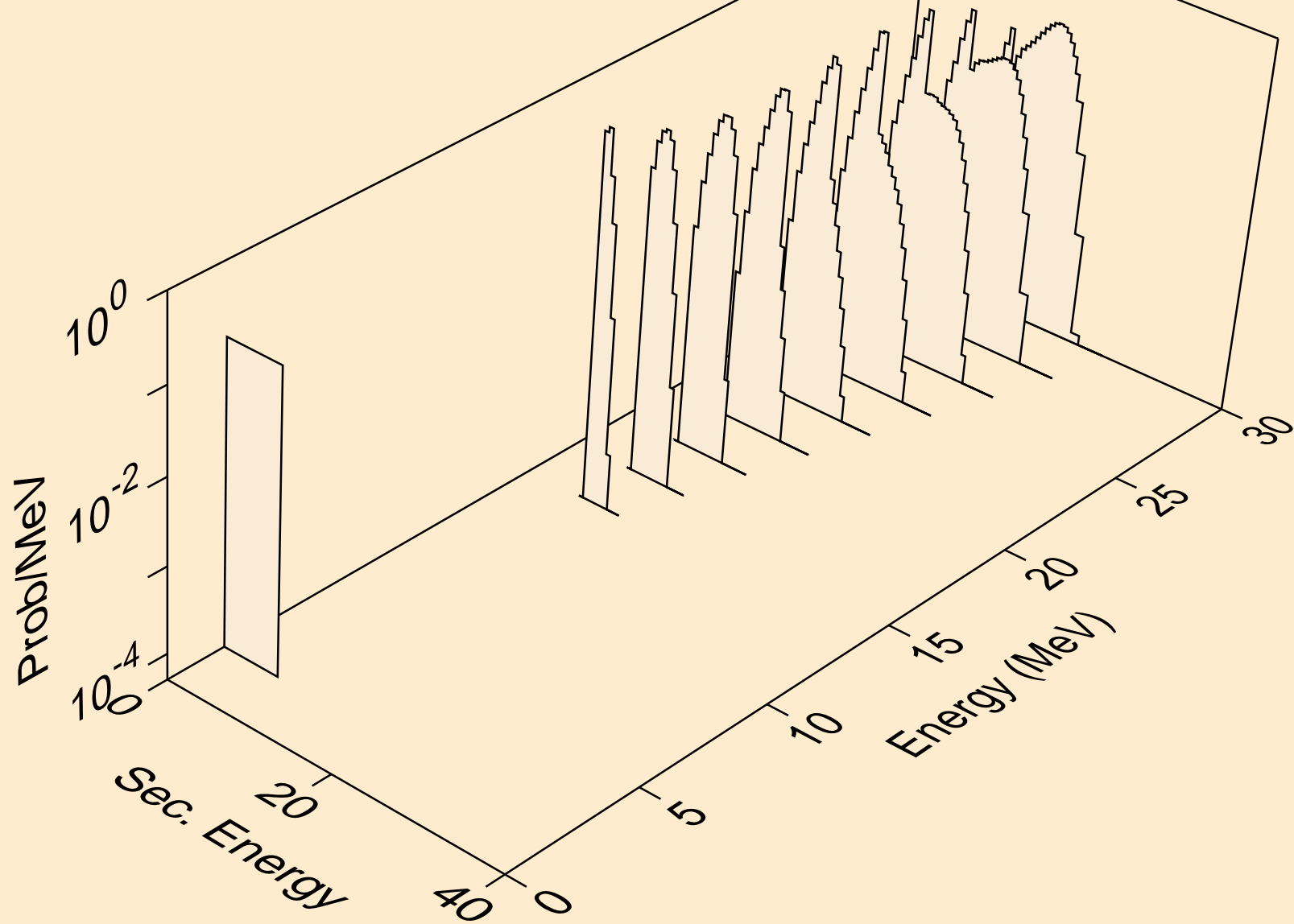


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alphas from (n,2n)2a

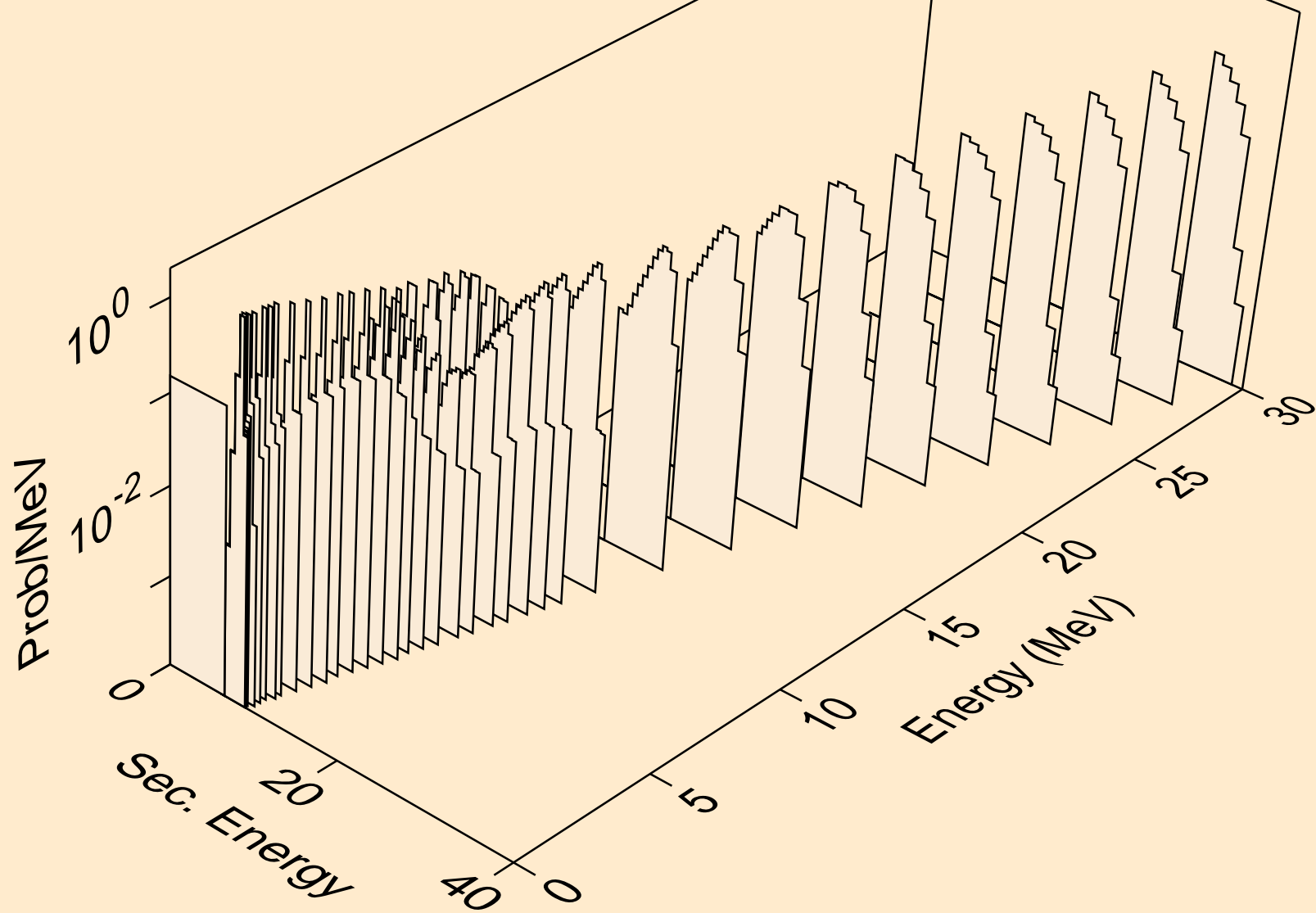




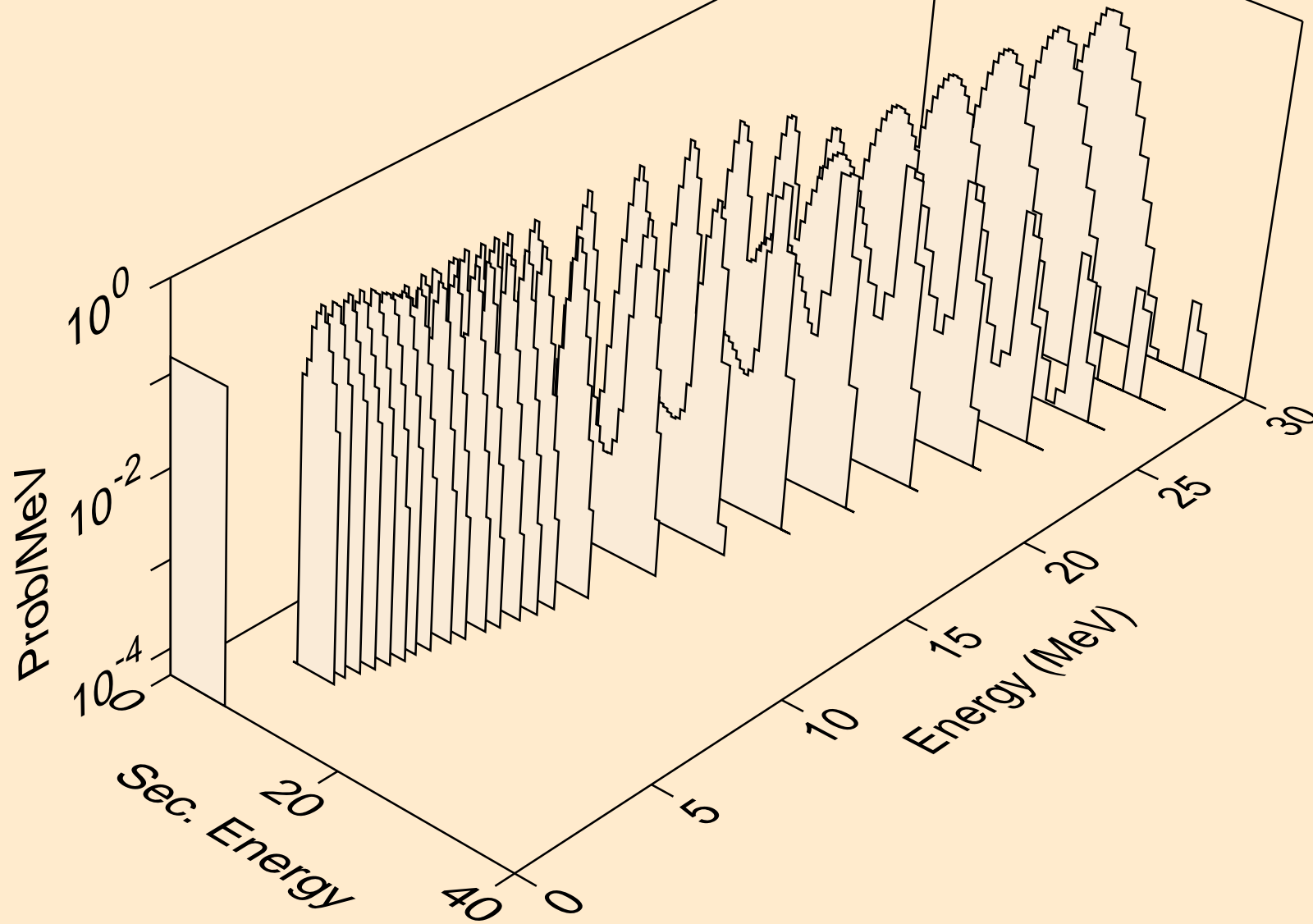
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alphas from (n,npa)



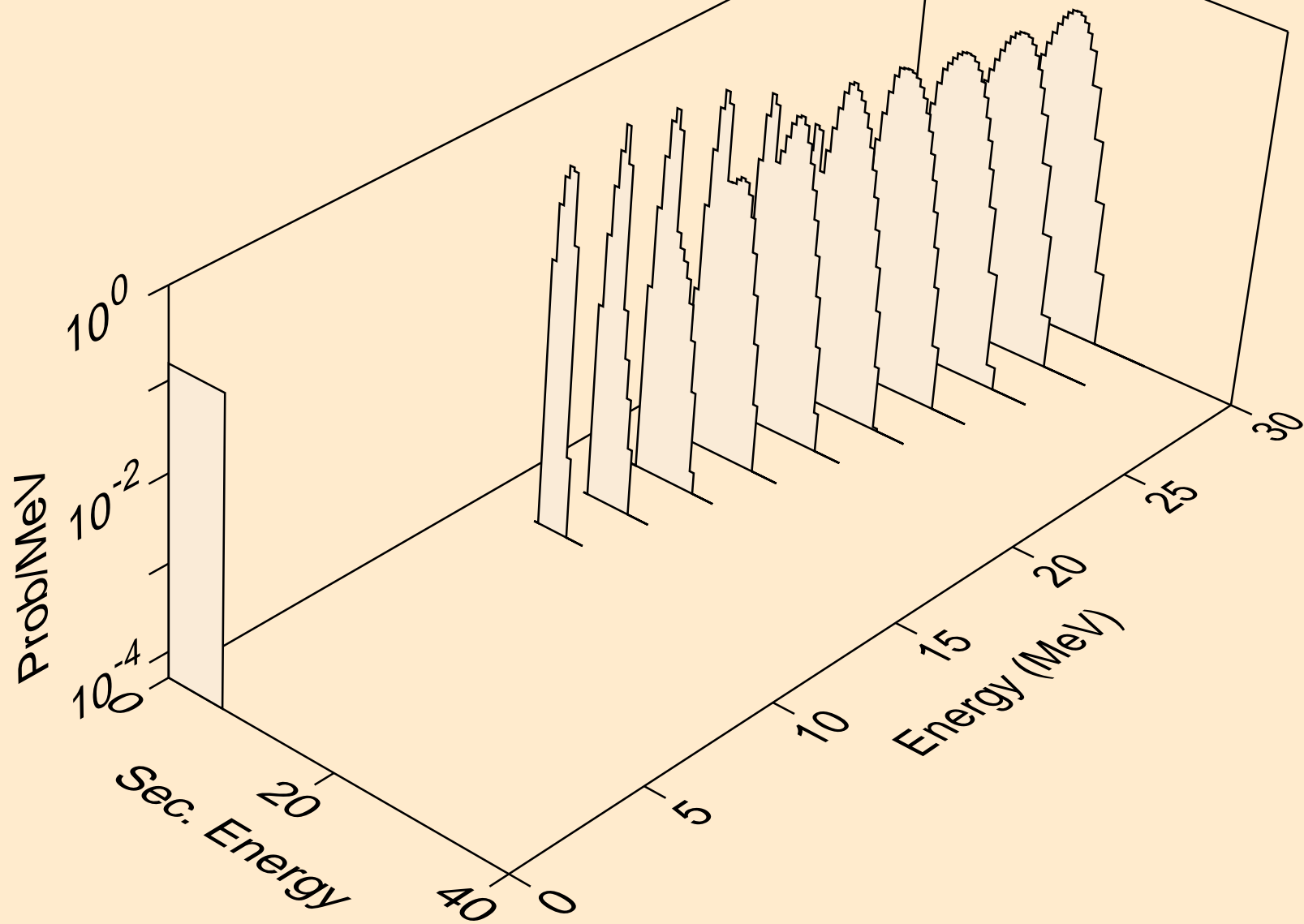
RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



RN222 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

