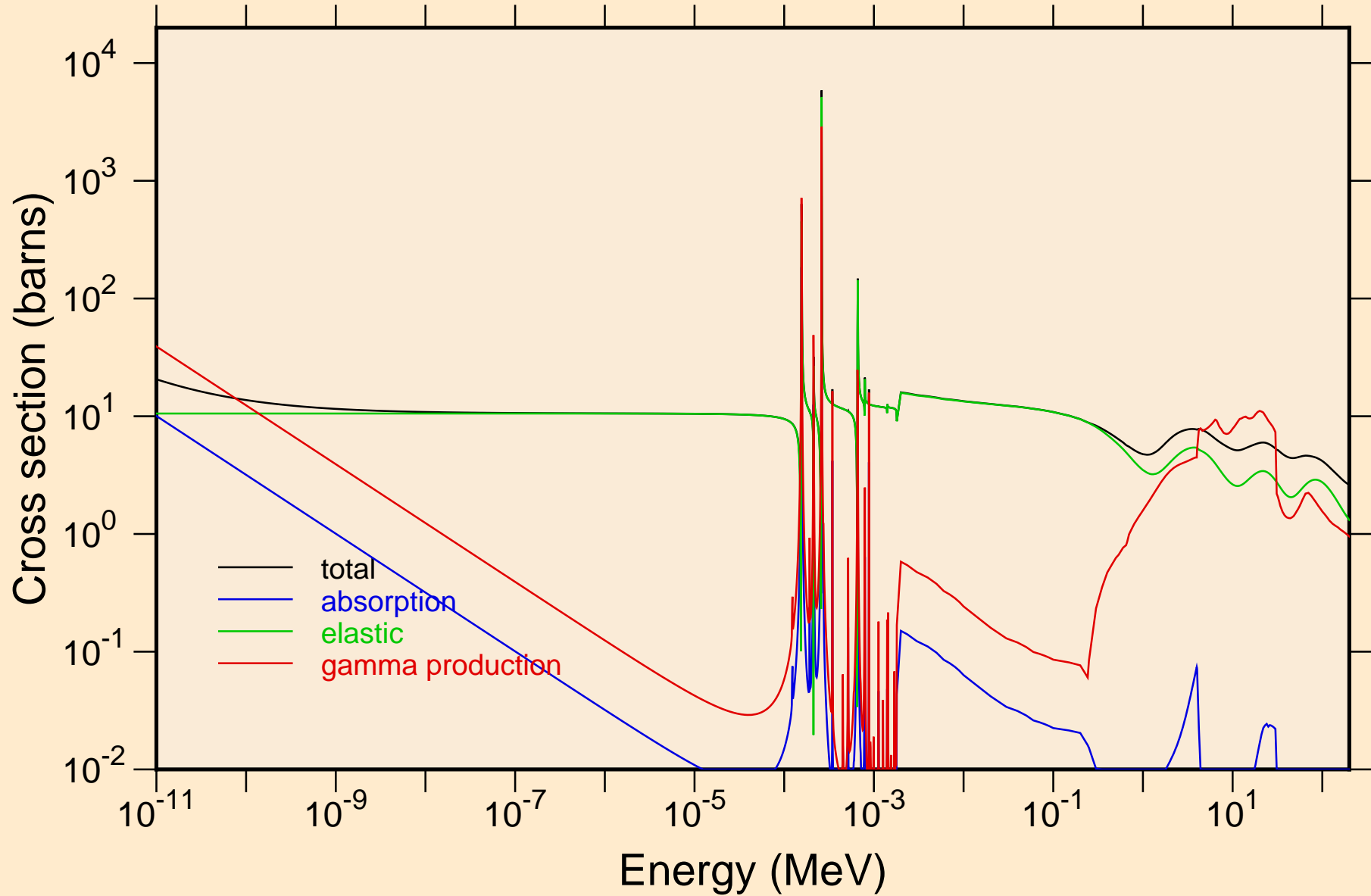
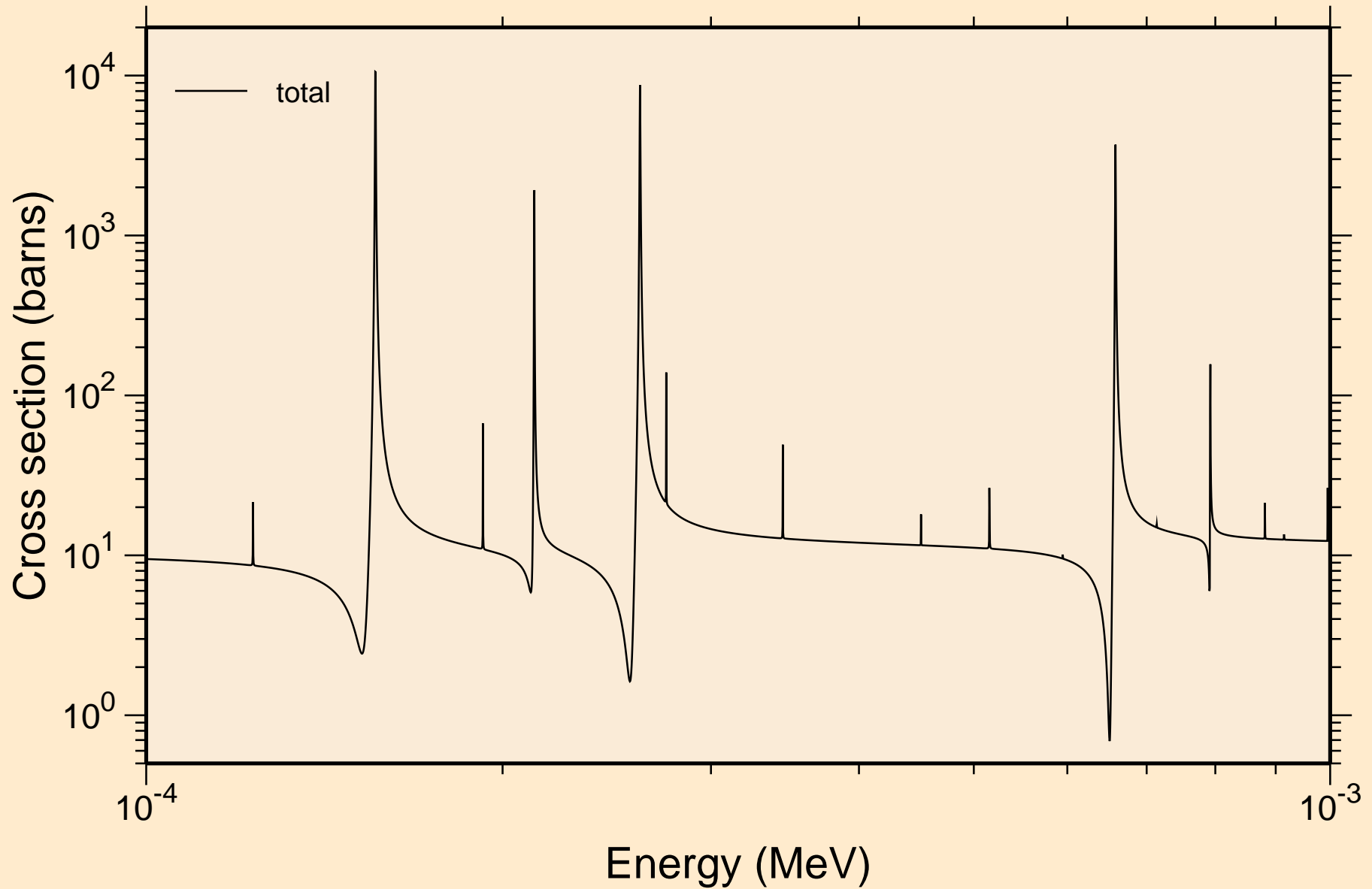


# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

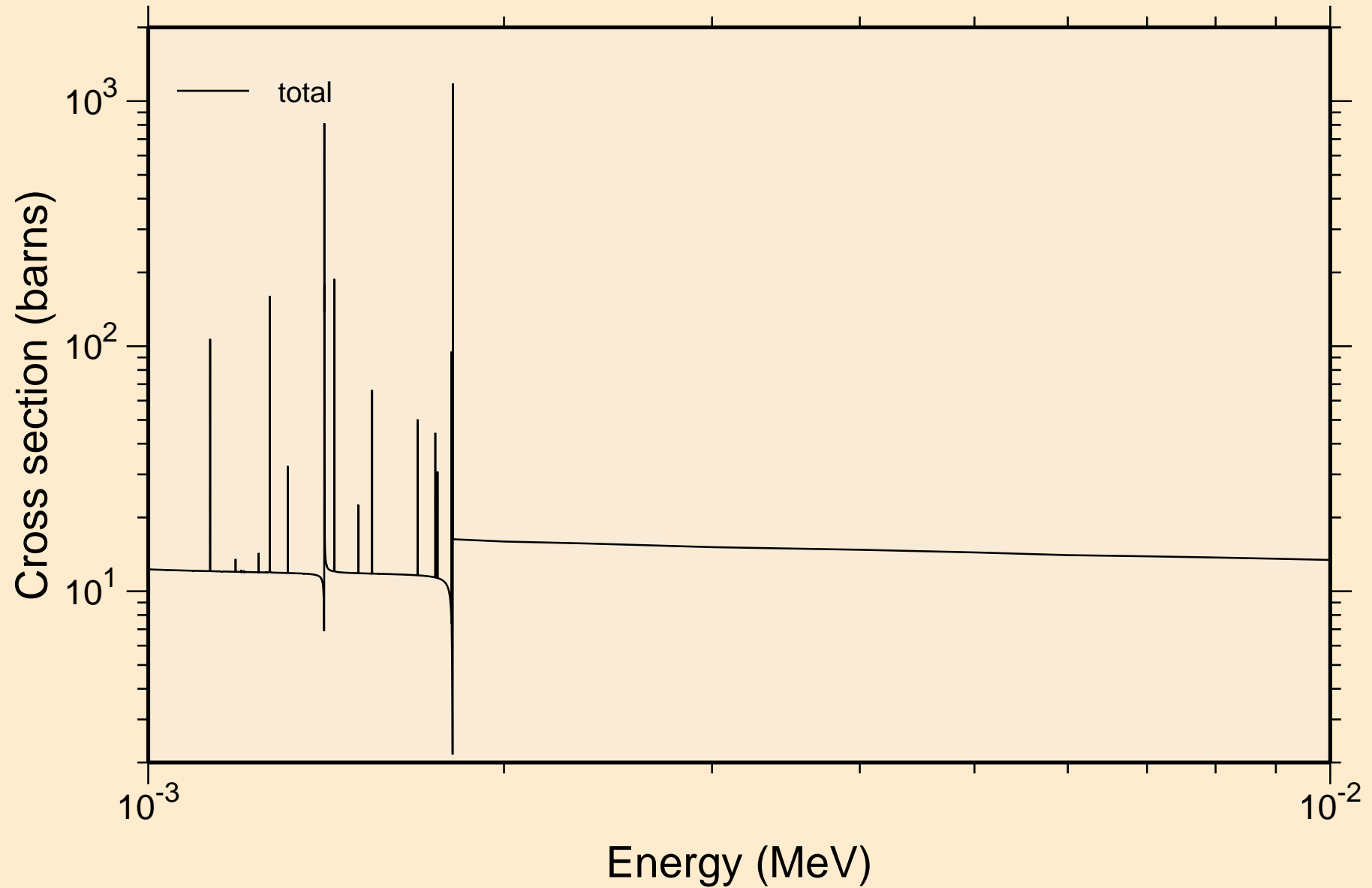
## Principal cross sections



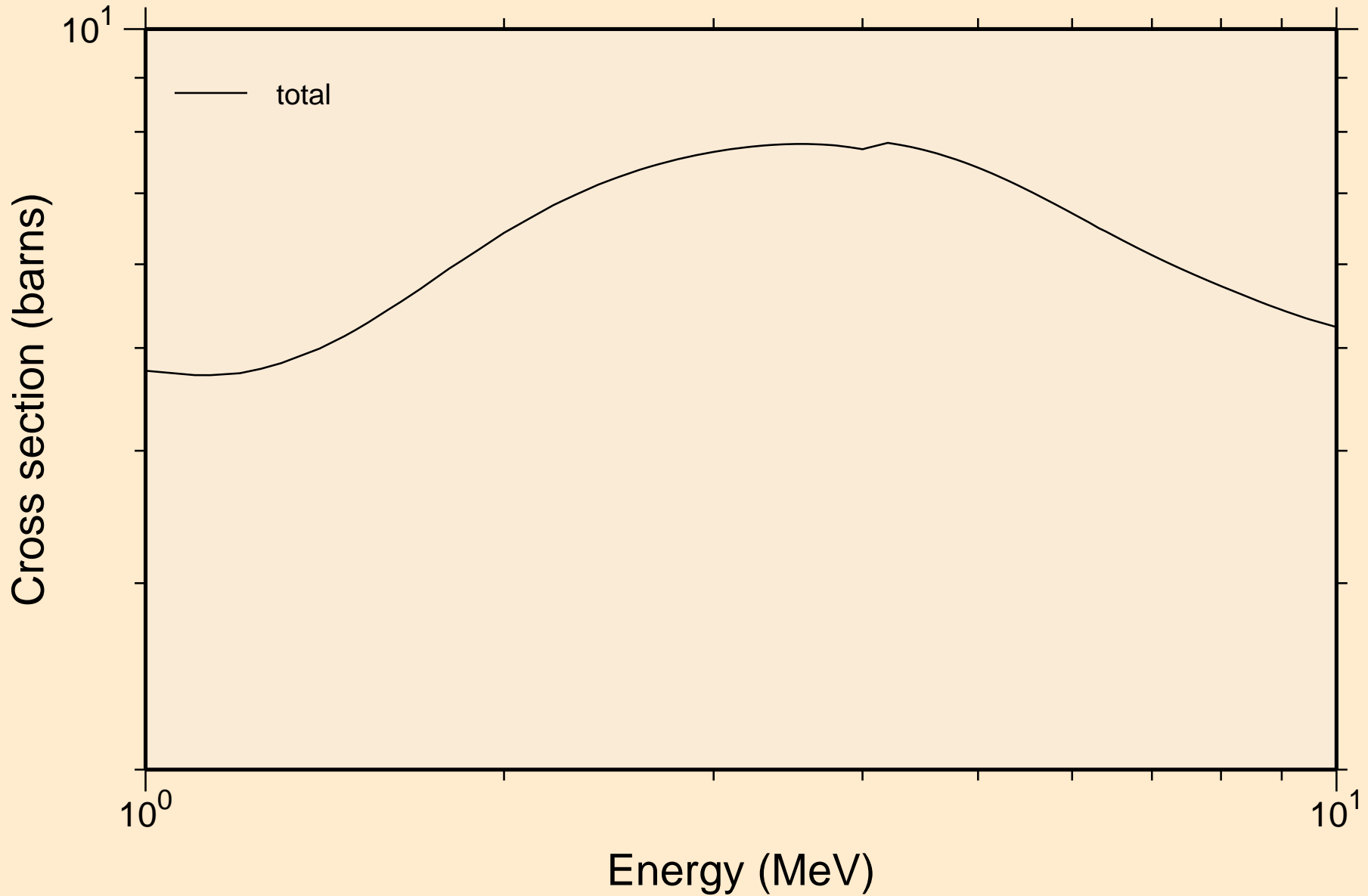
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



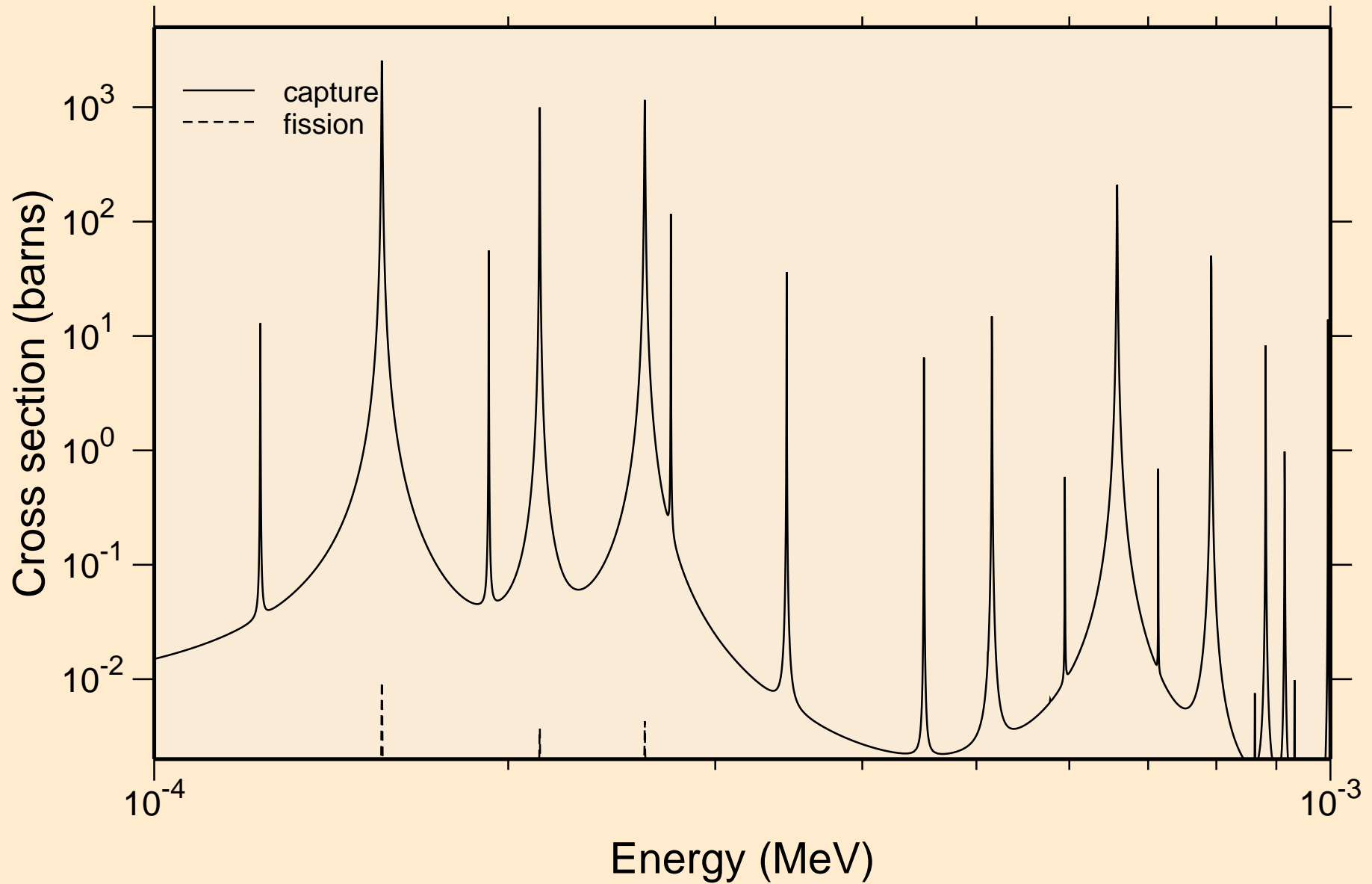
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resonance total cross section



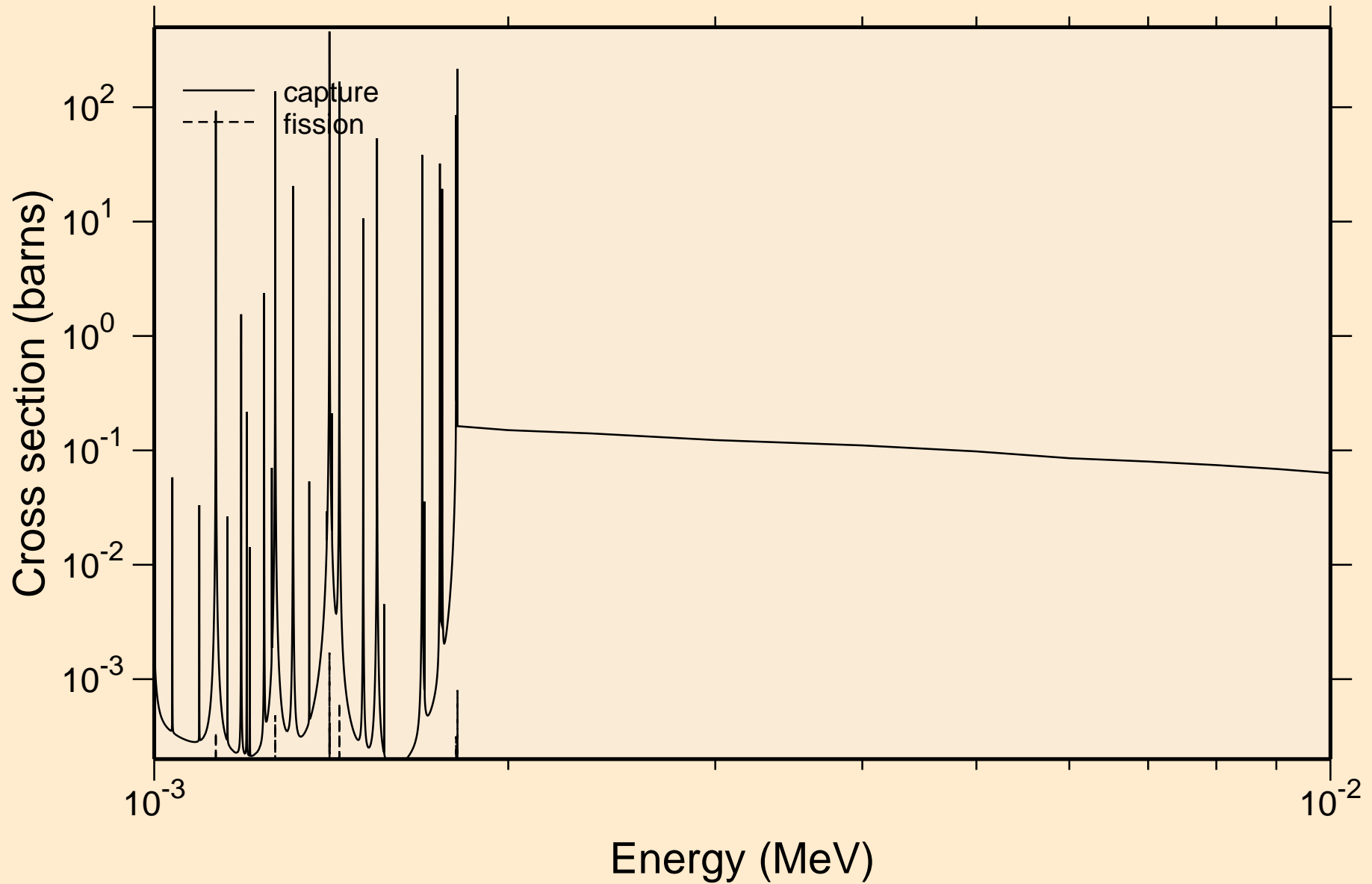
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resonance total cross section



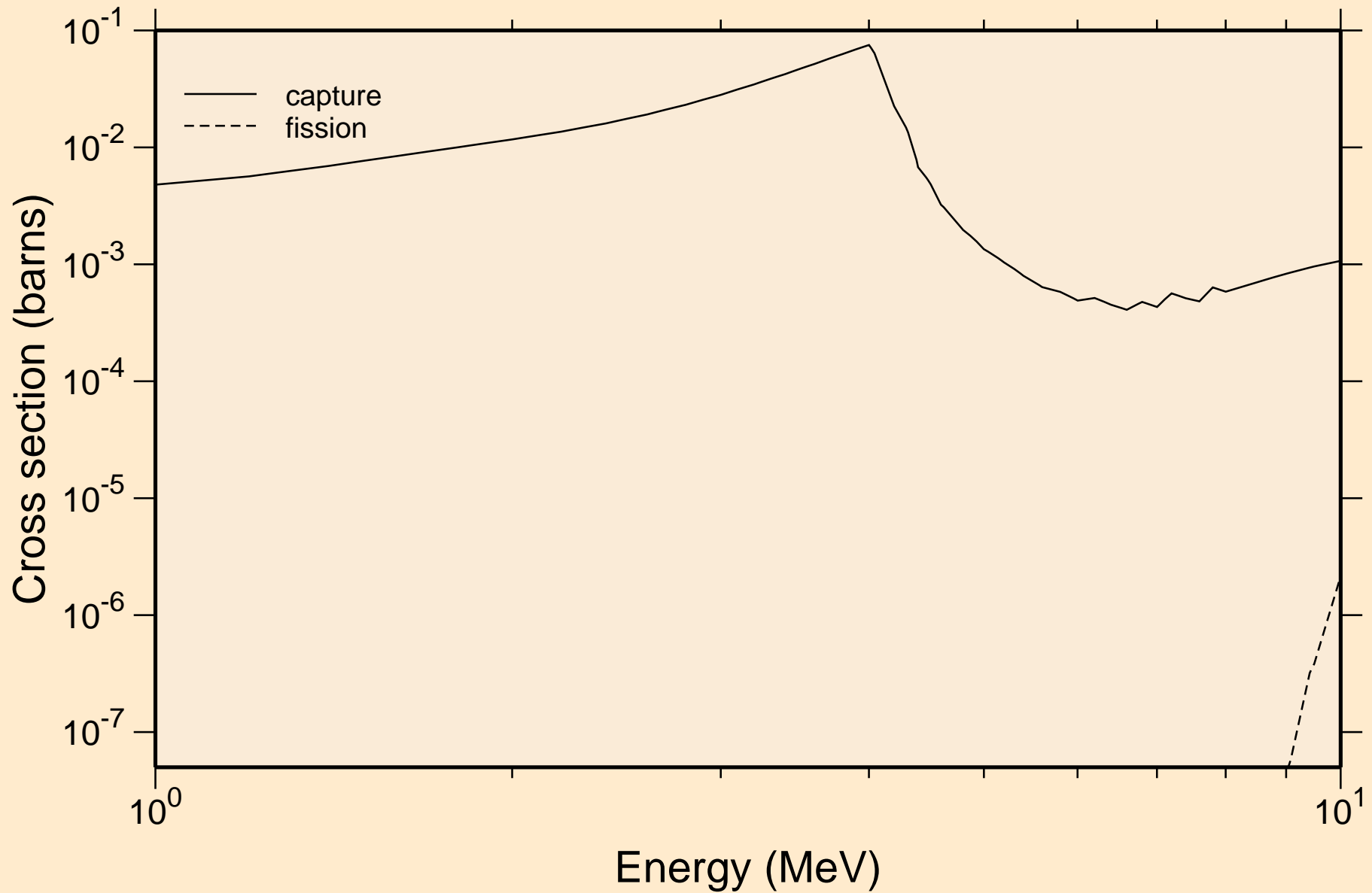
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

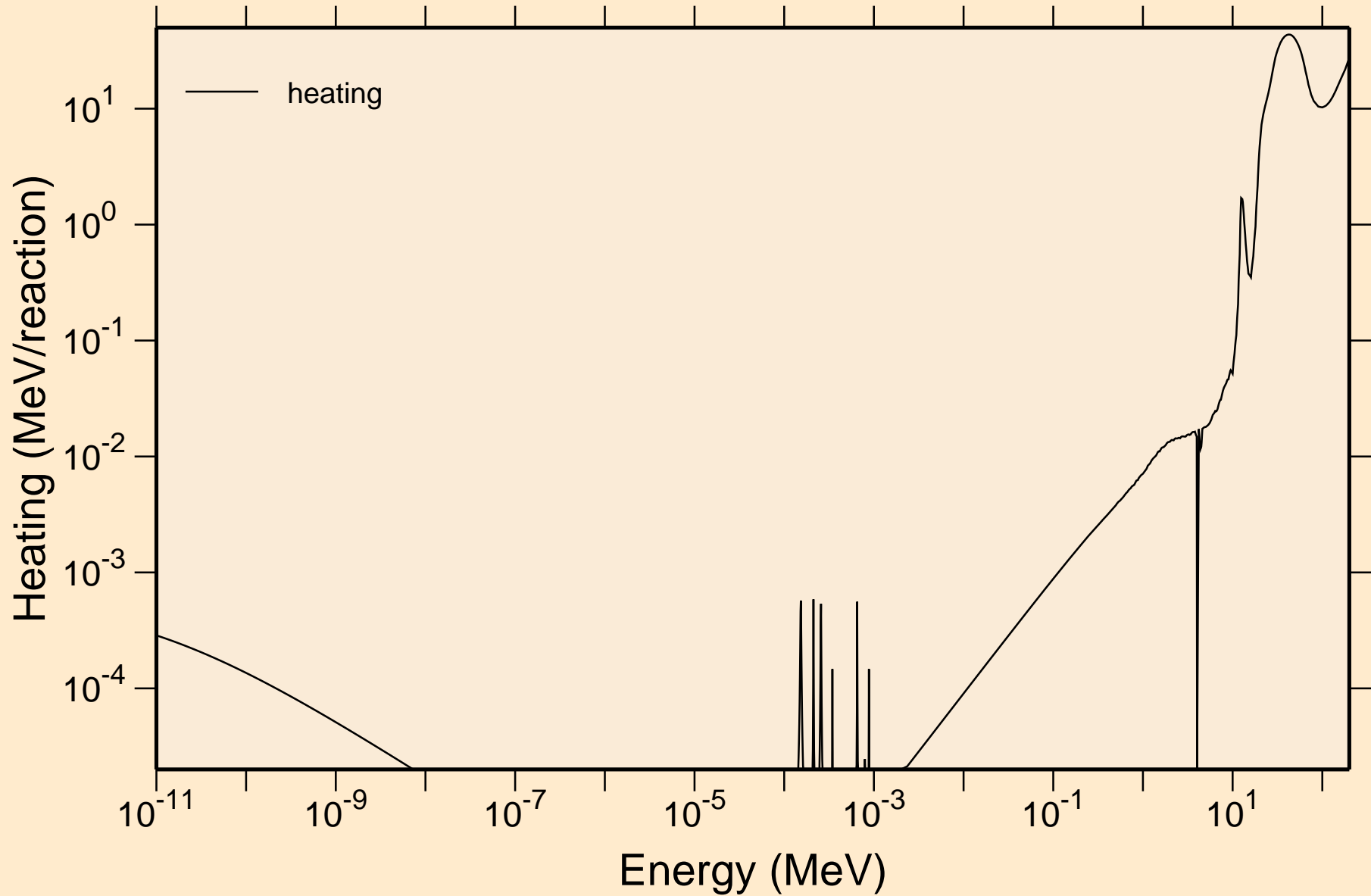


RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



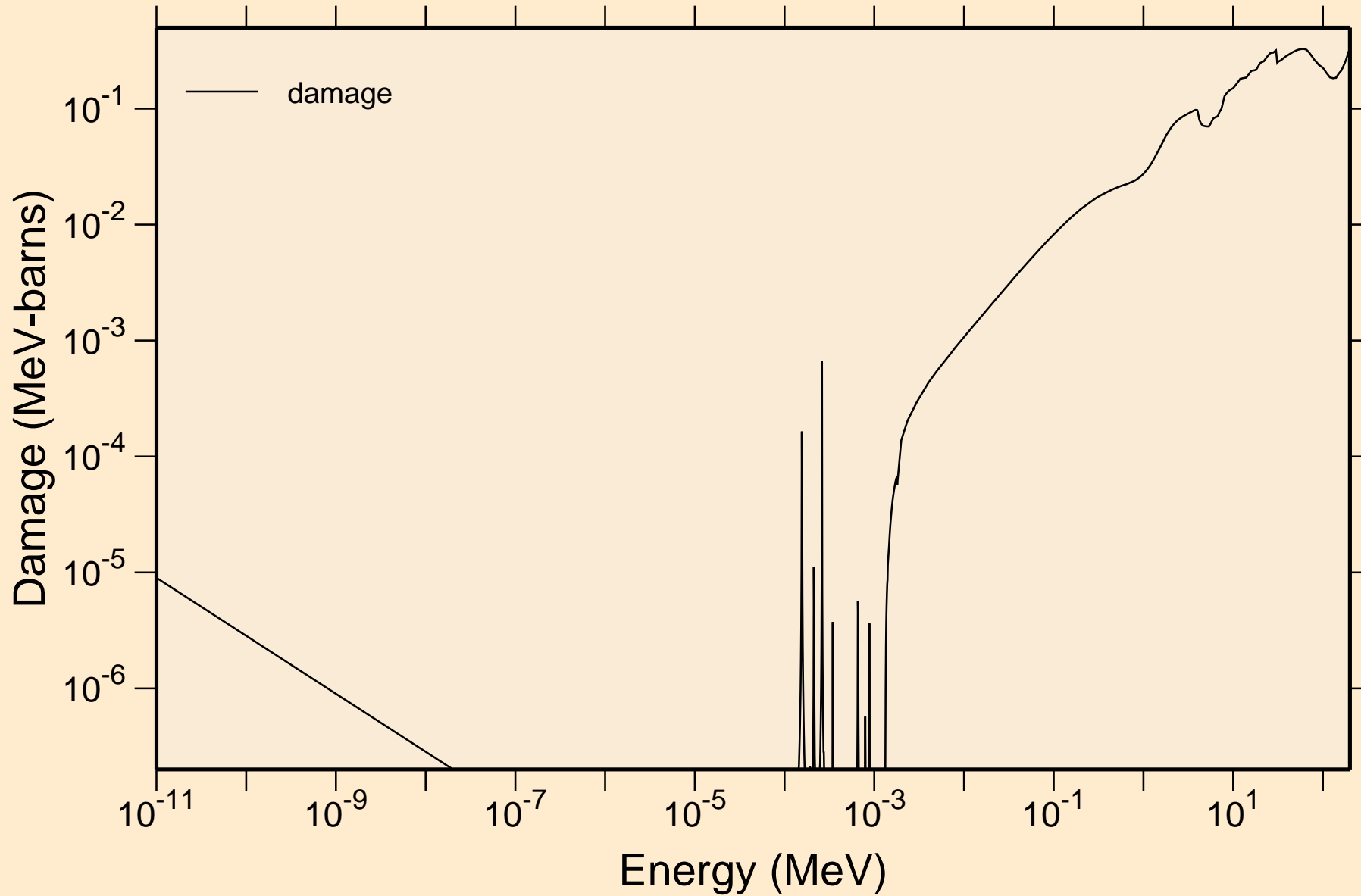
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## Heating



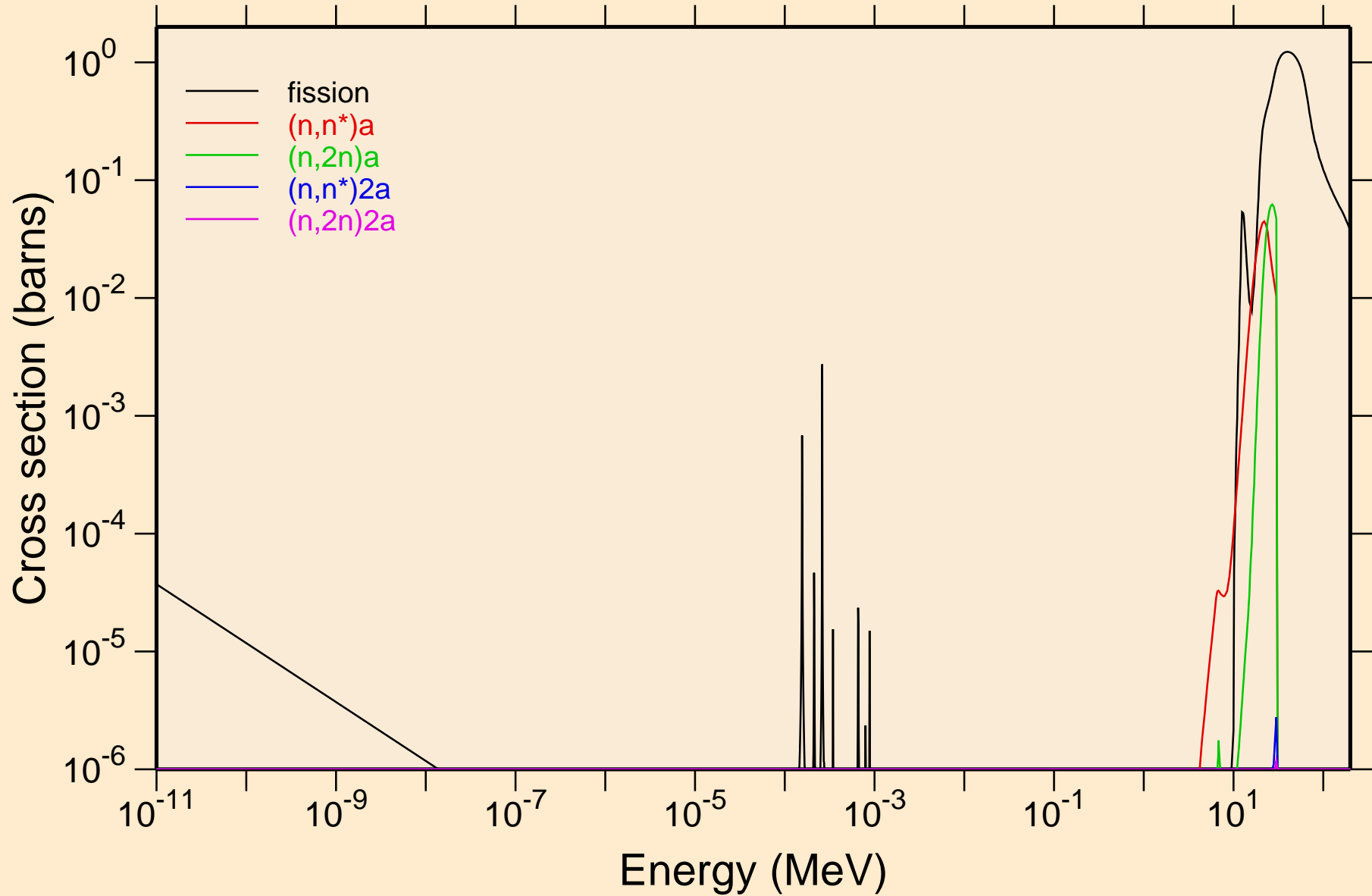
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## Damage

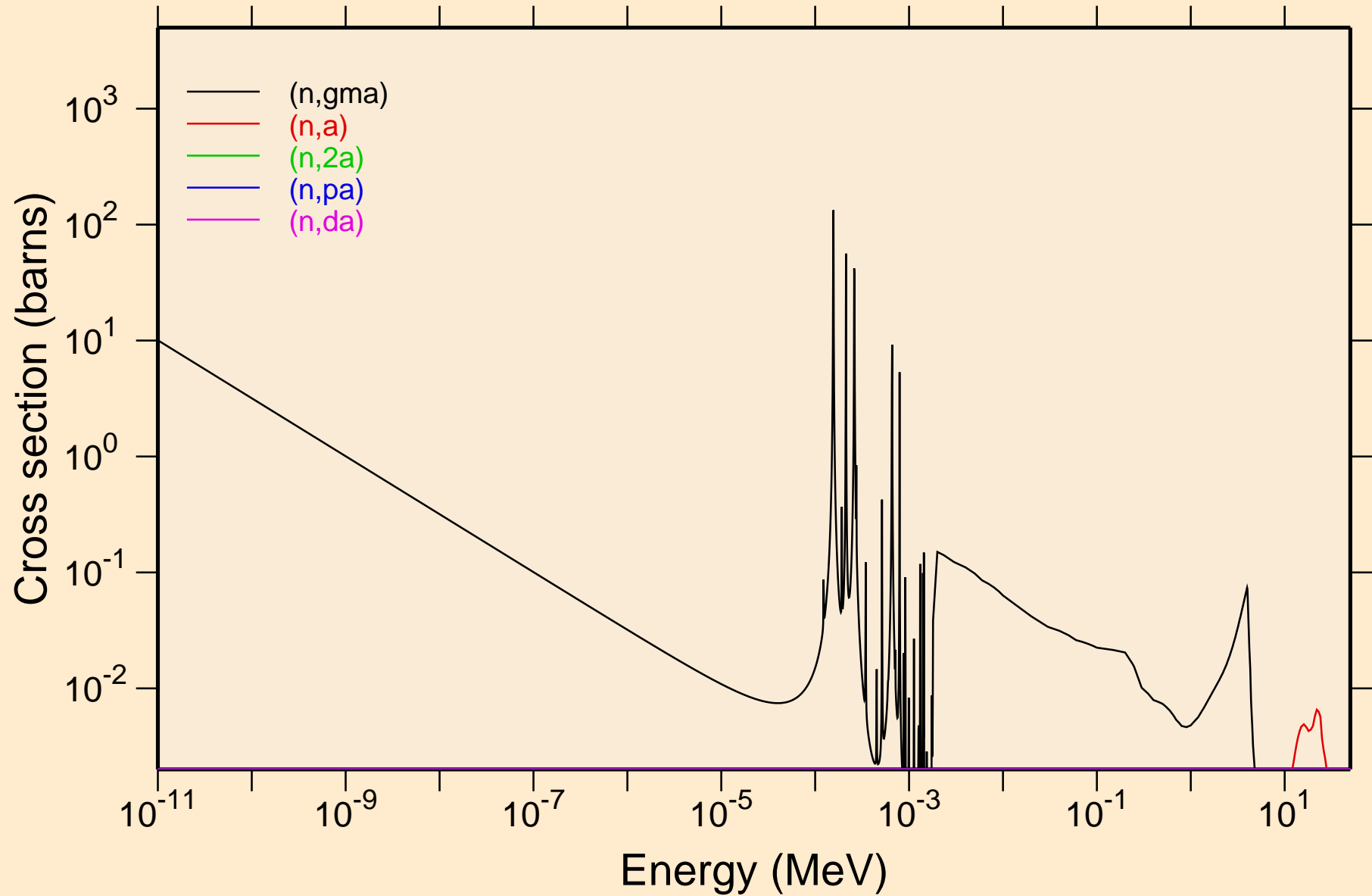


# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

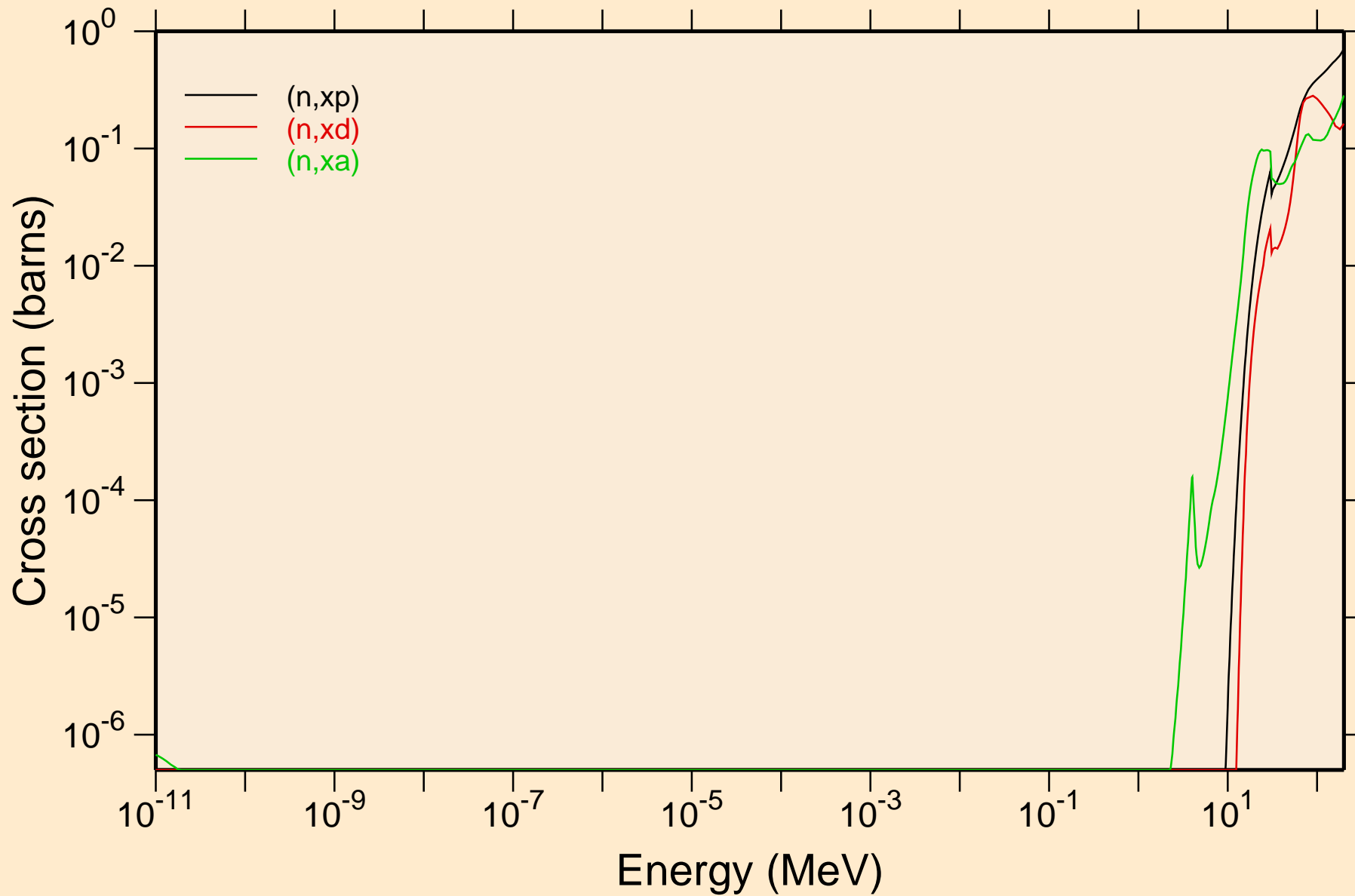
## Non-threshold reactions



RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

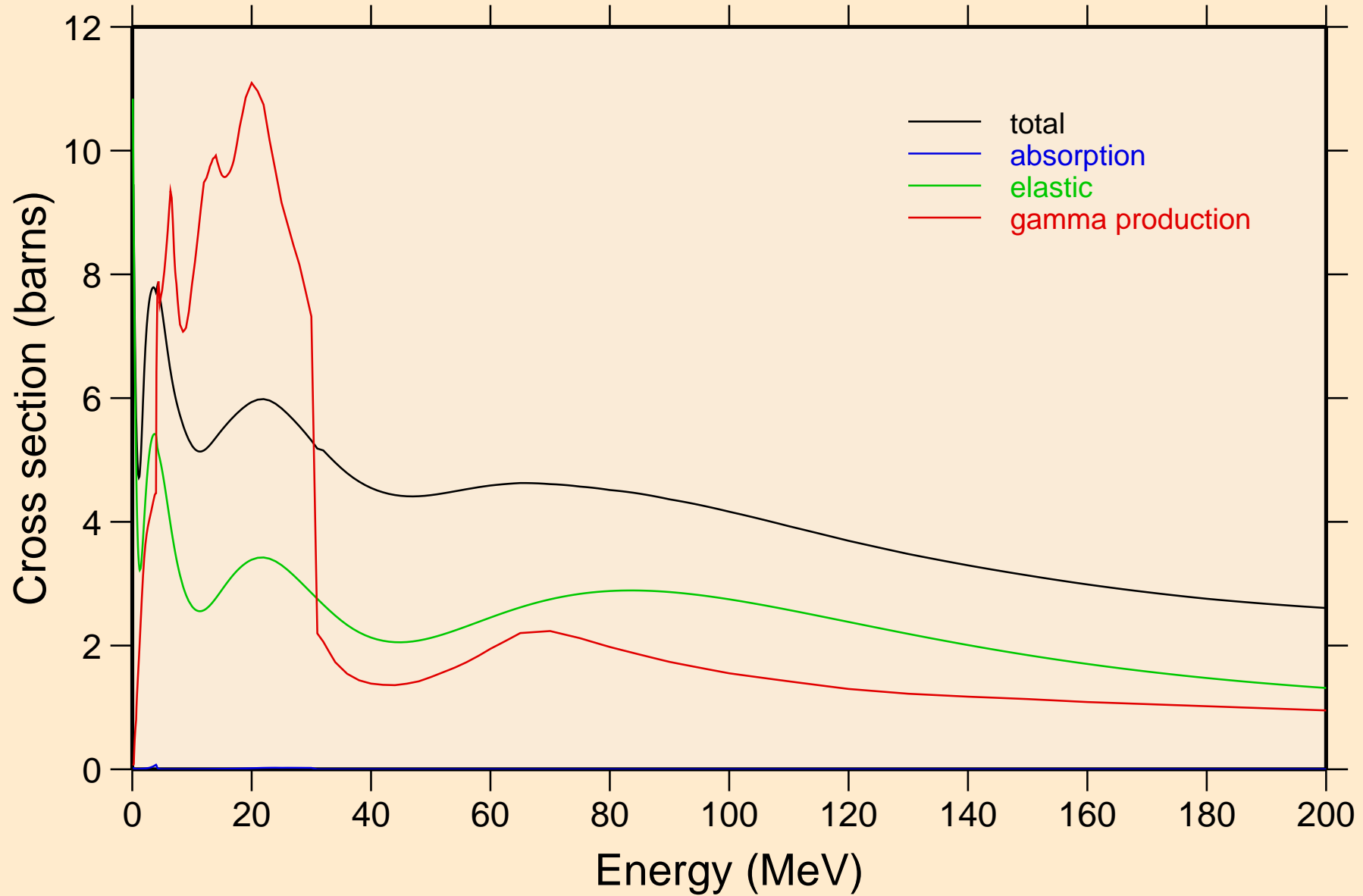


RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



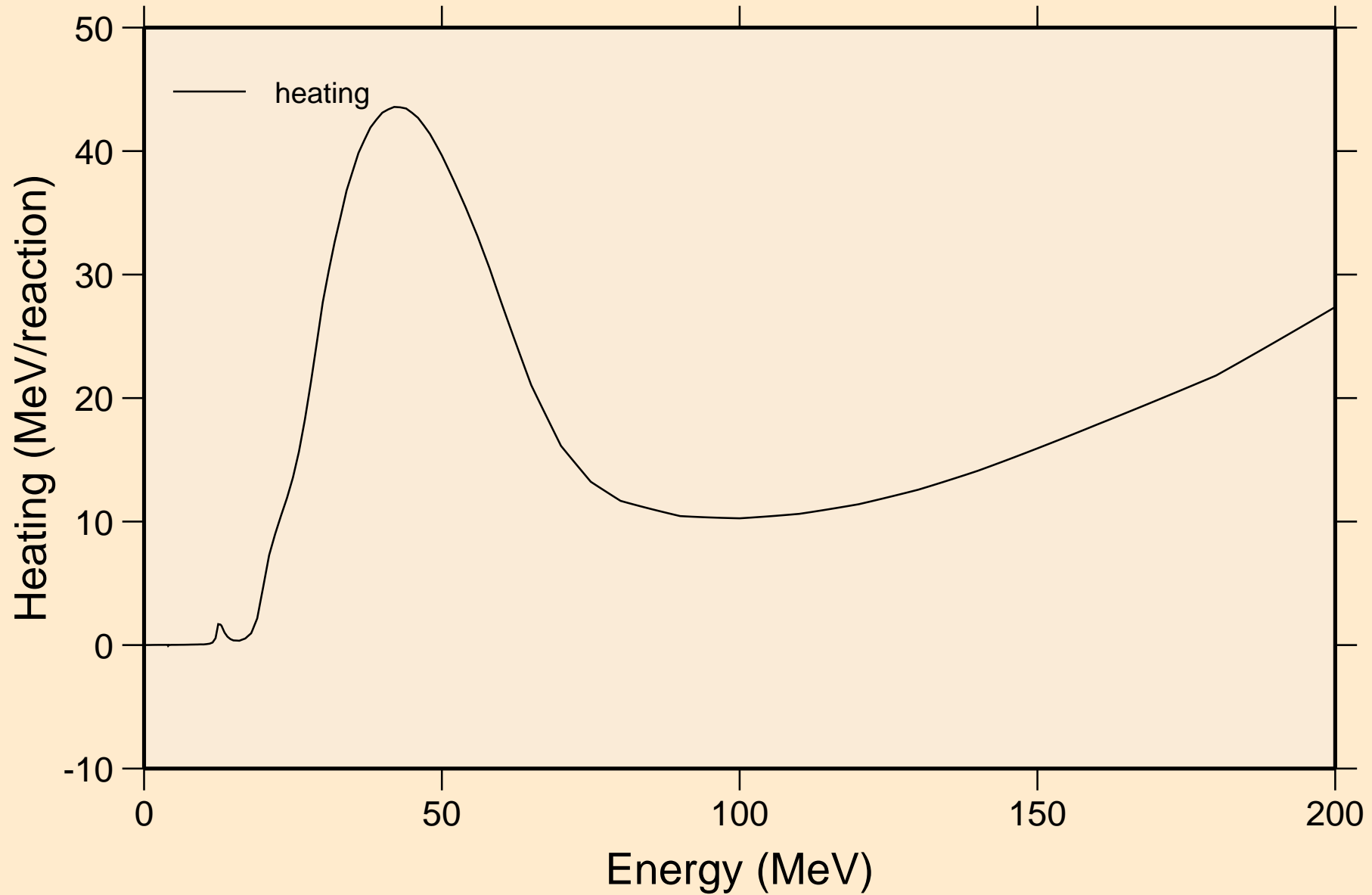
# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



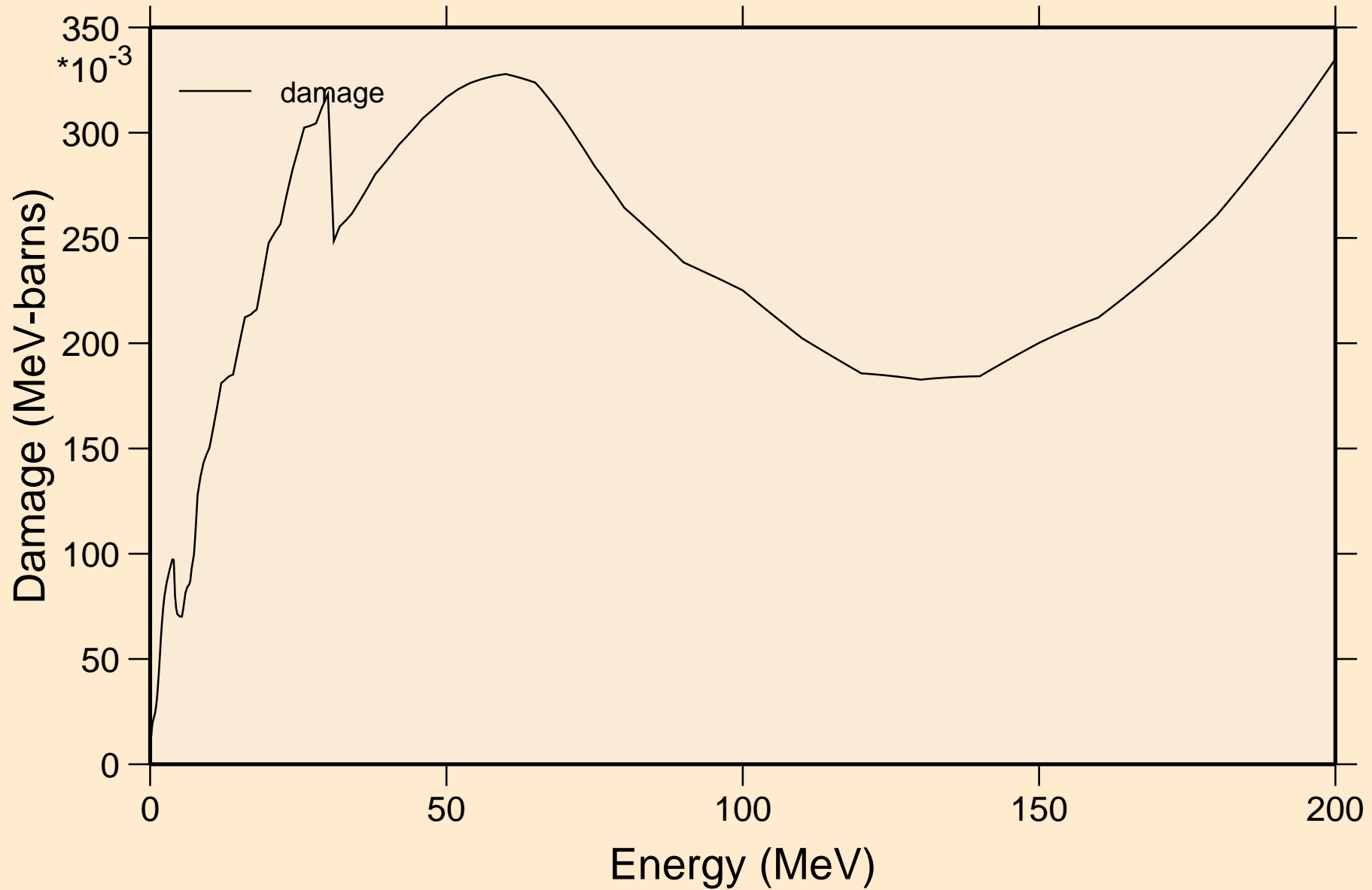
# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



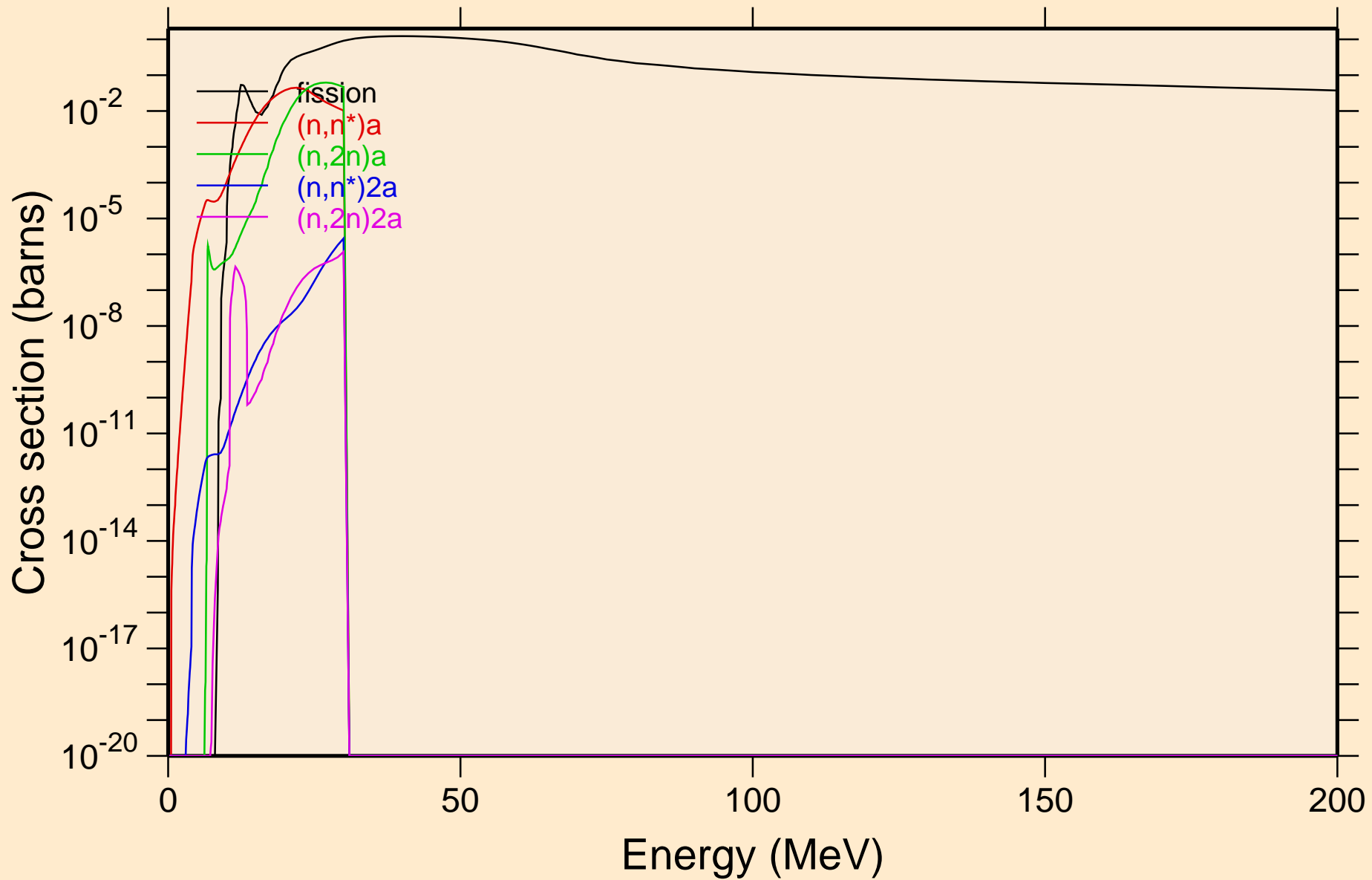
# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



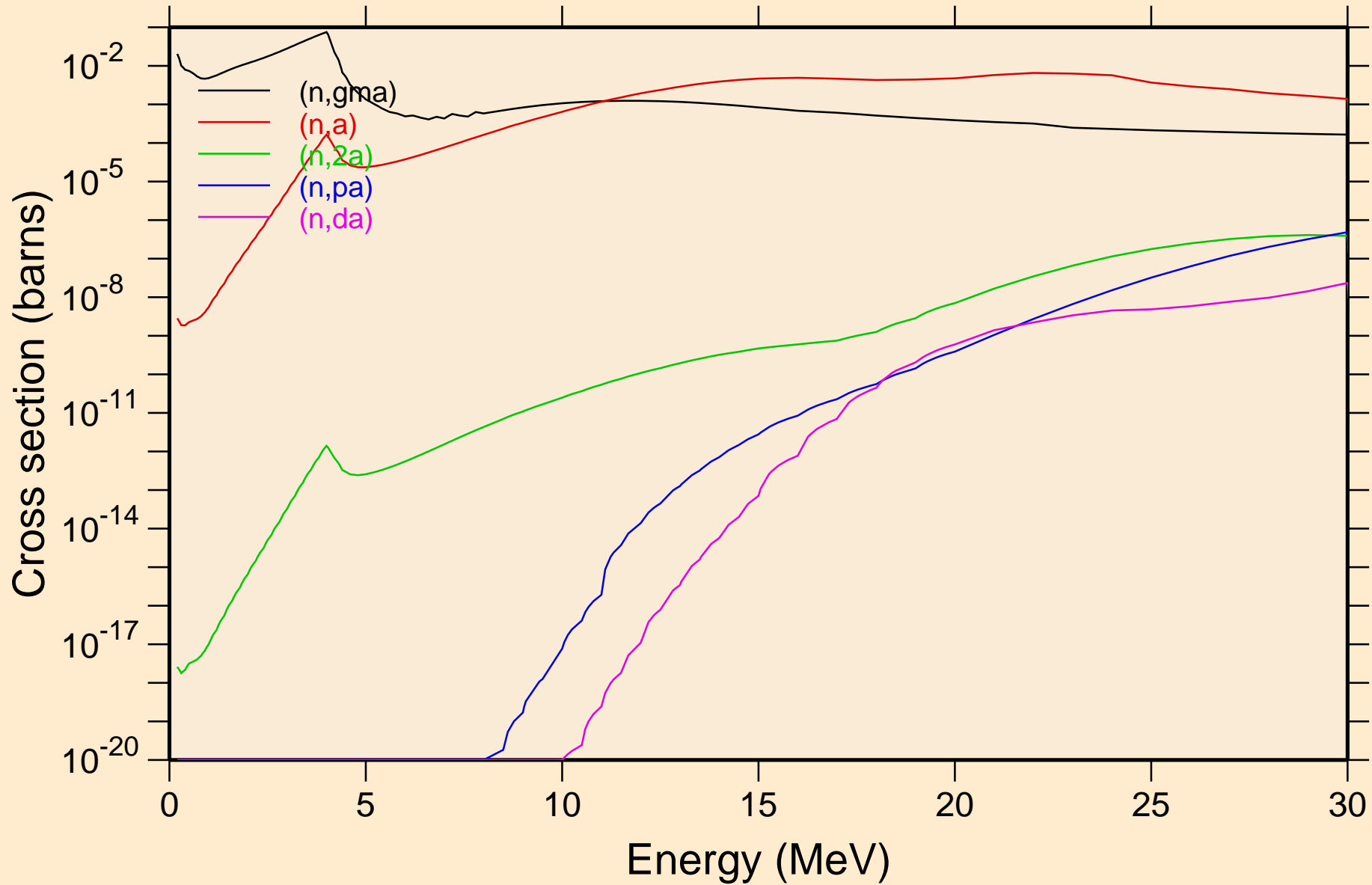
# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

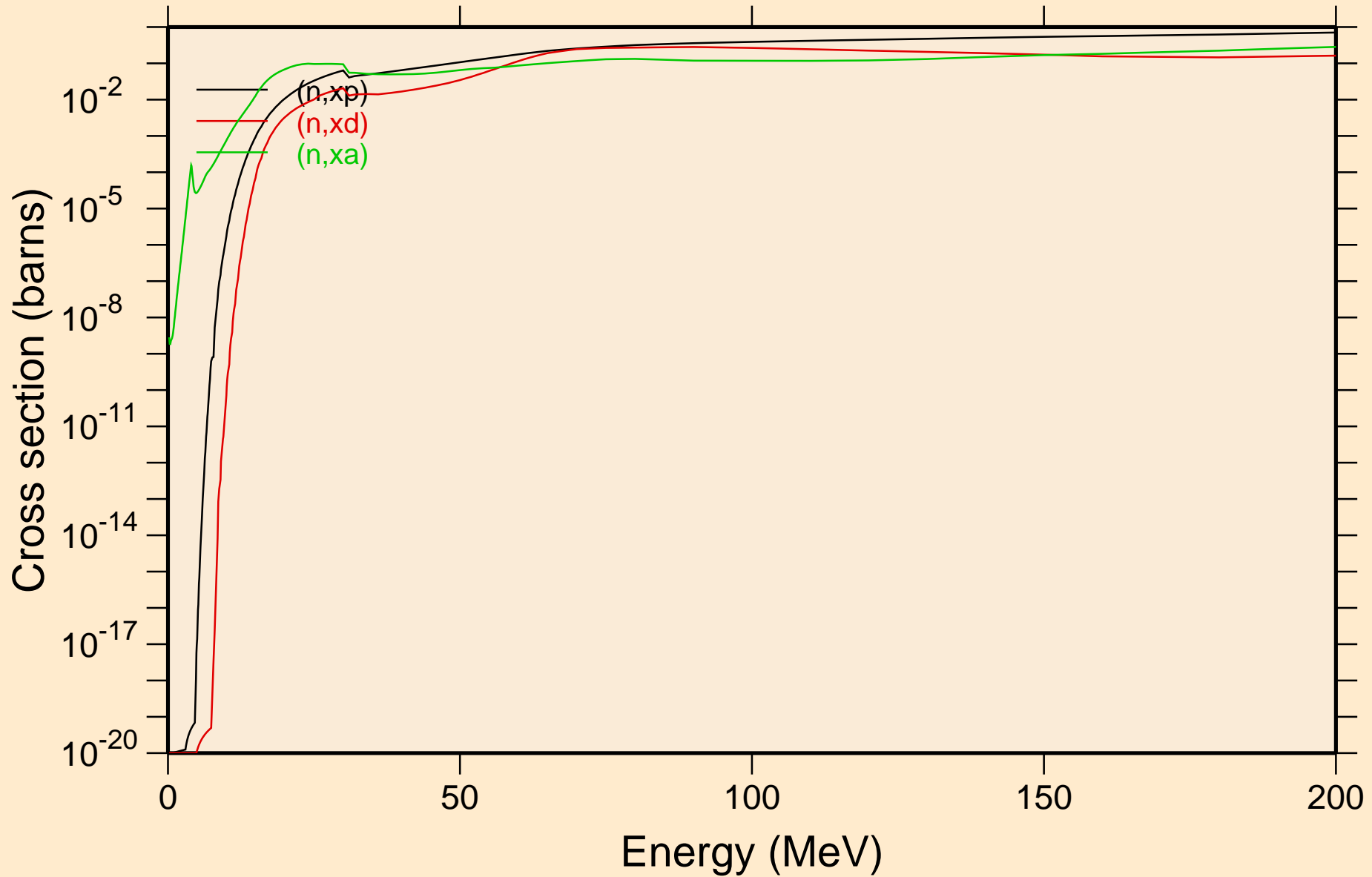


# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

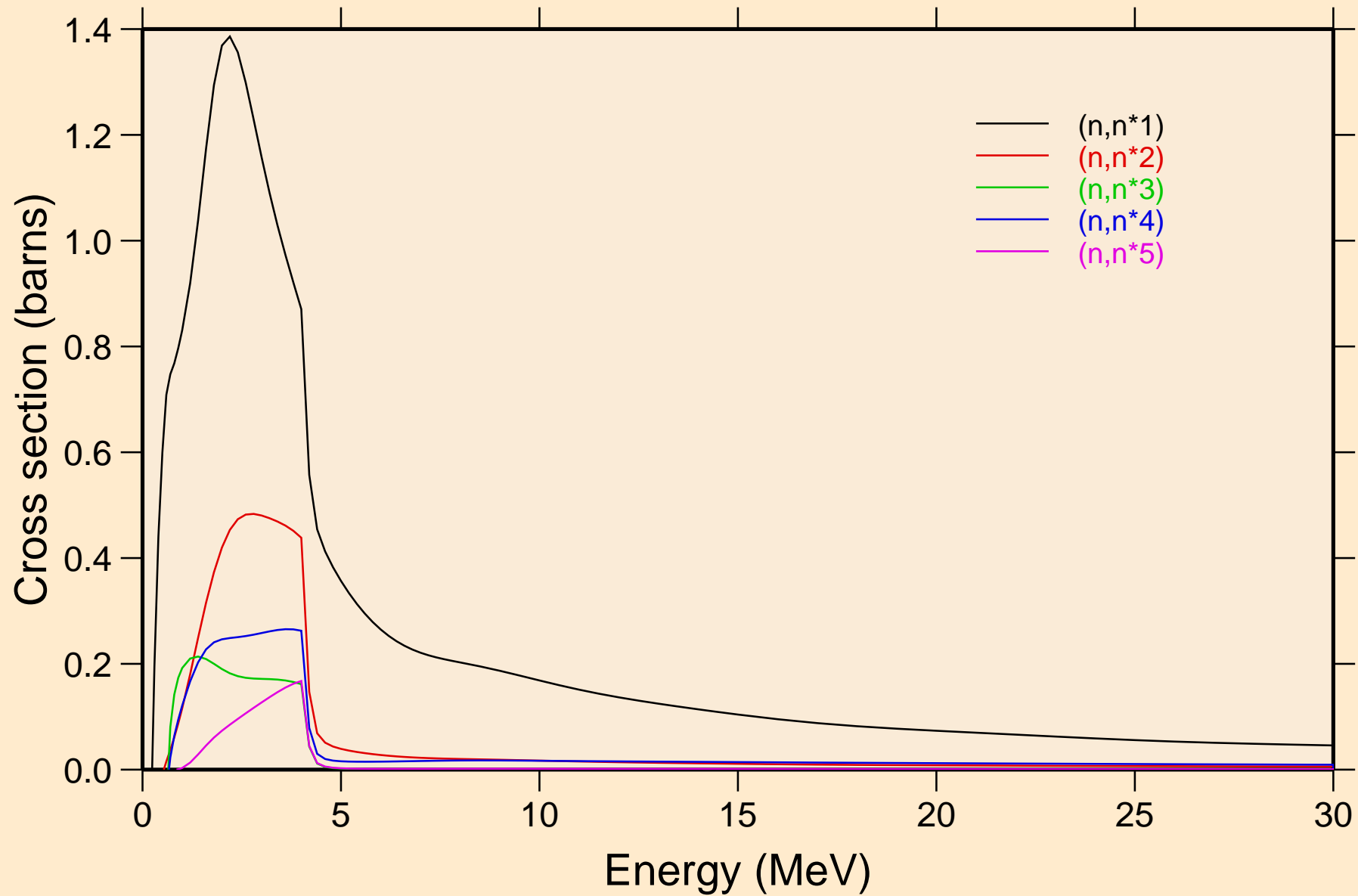
## Non-threshold reactions



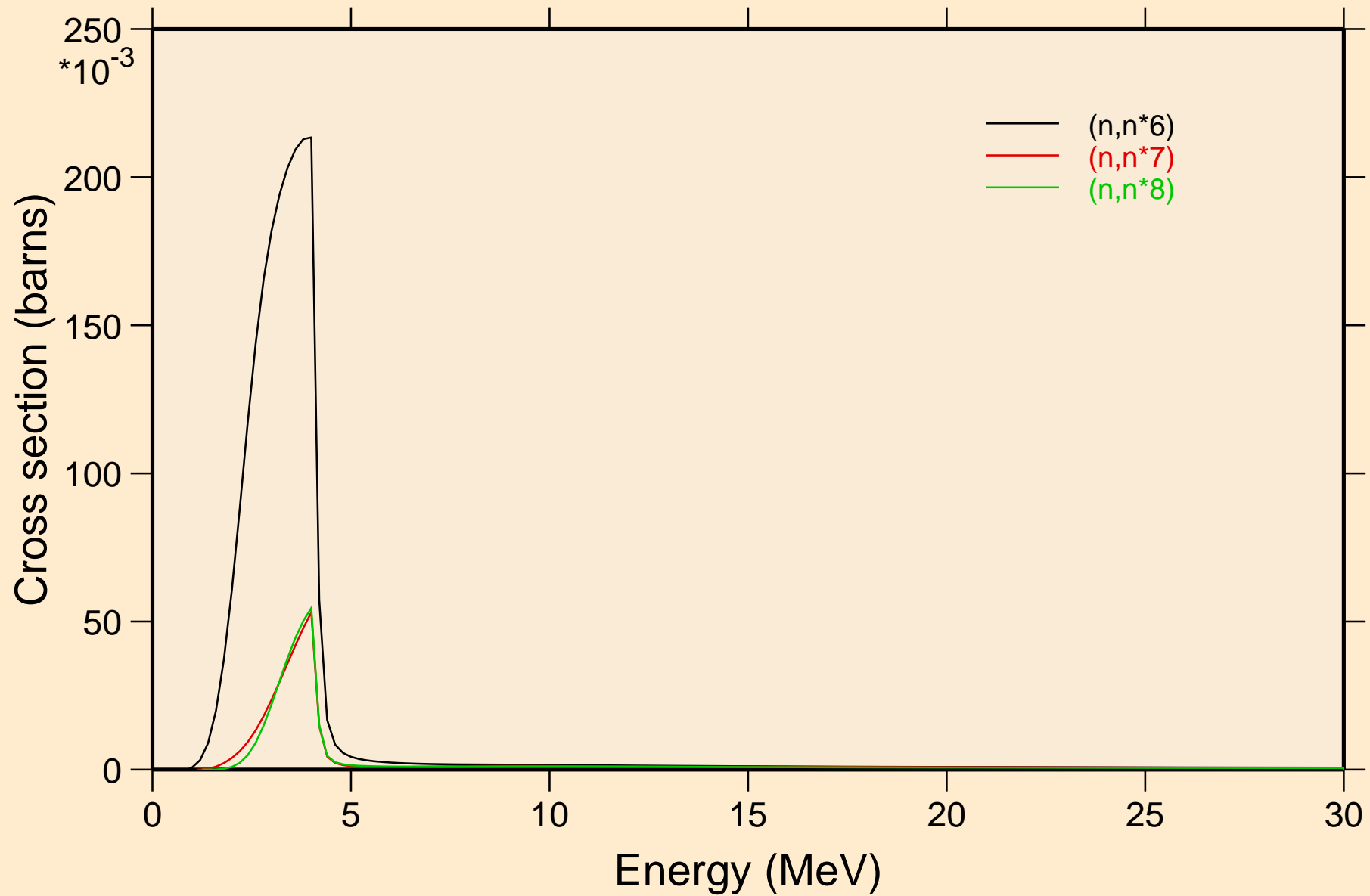
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



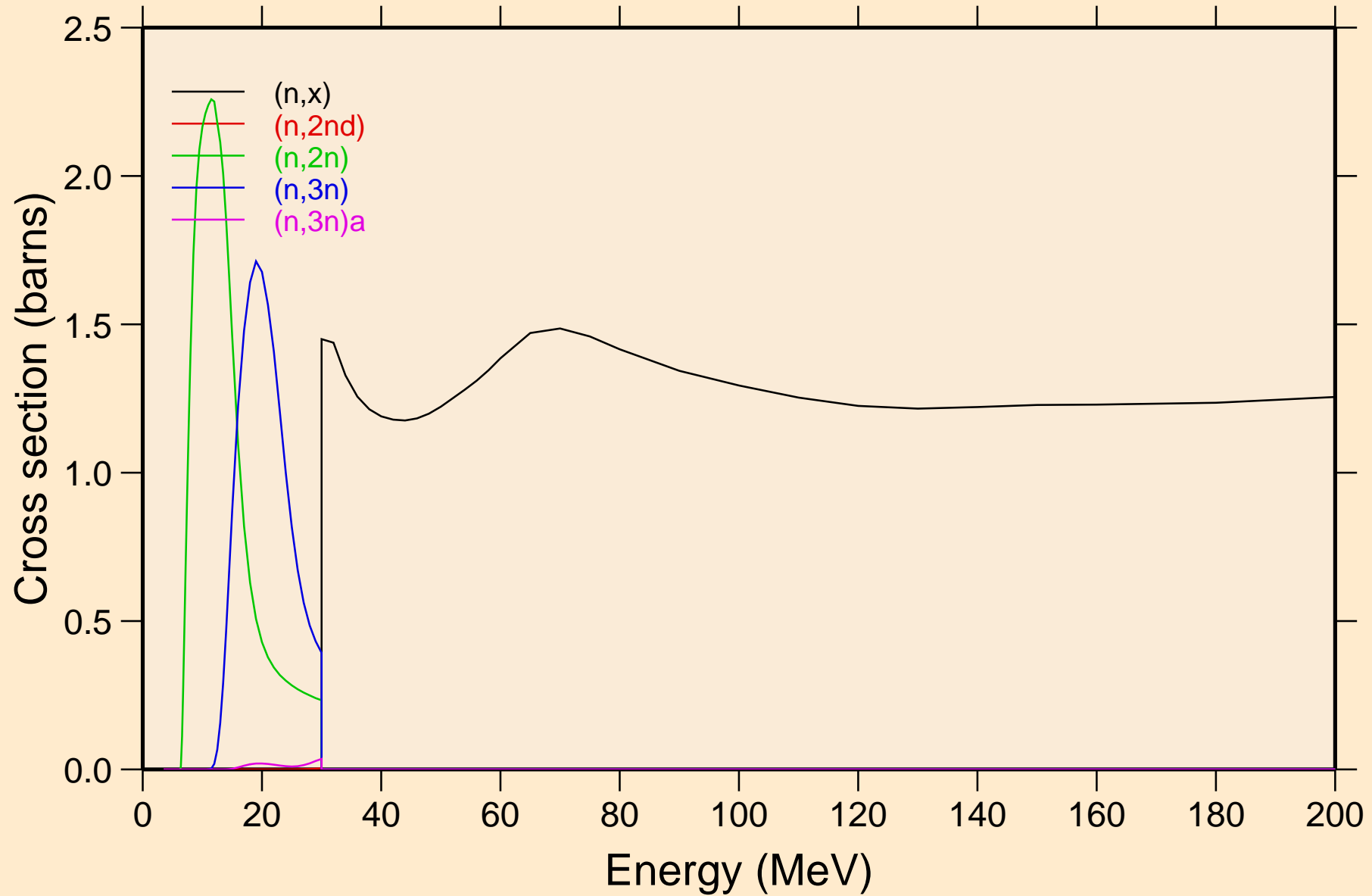
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

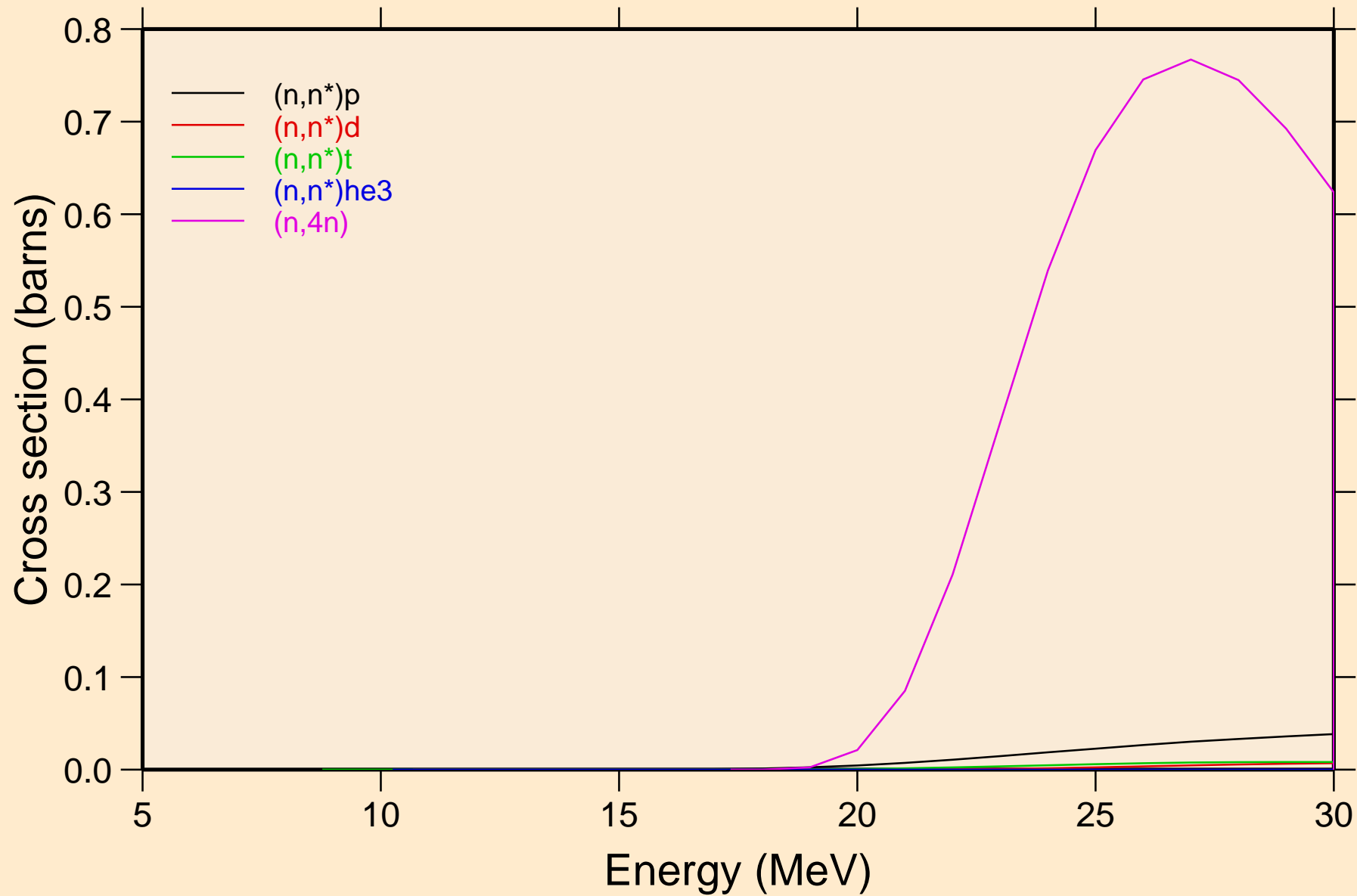


RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



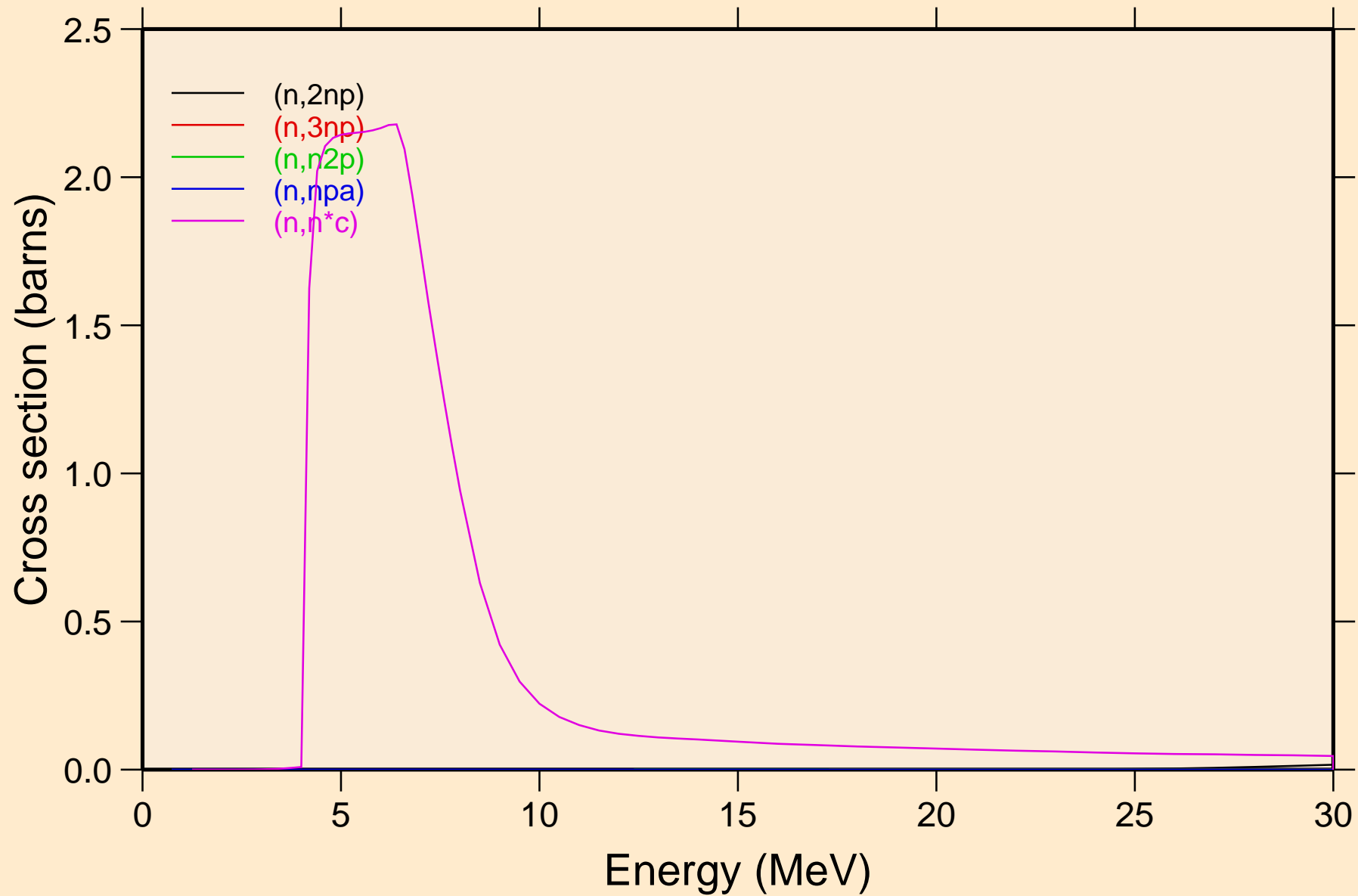
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## Threshold reactions

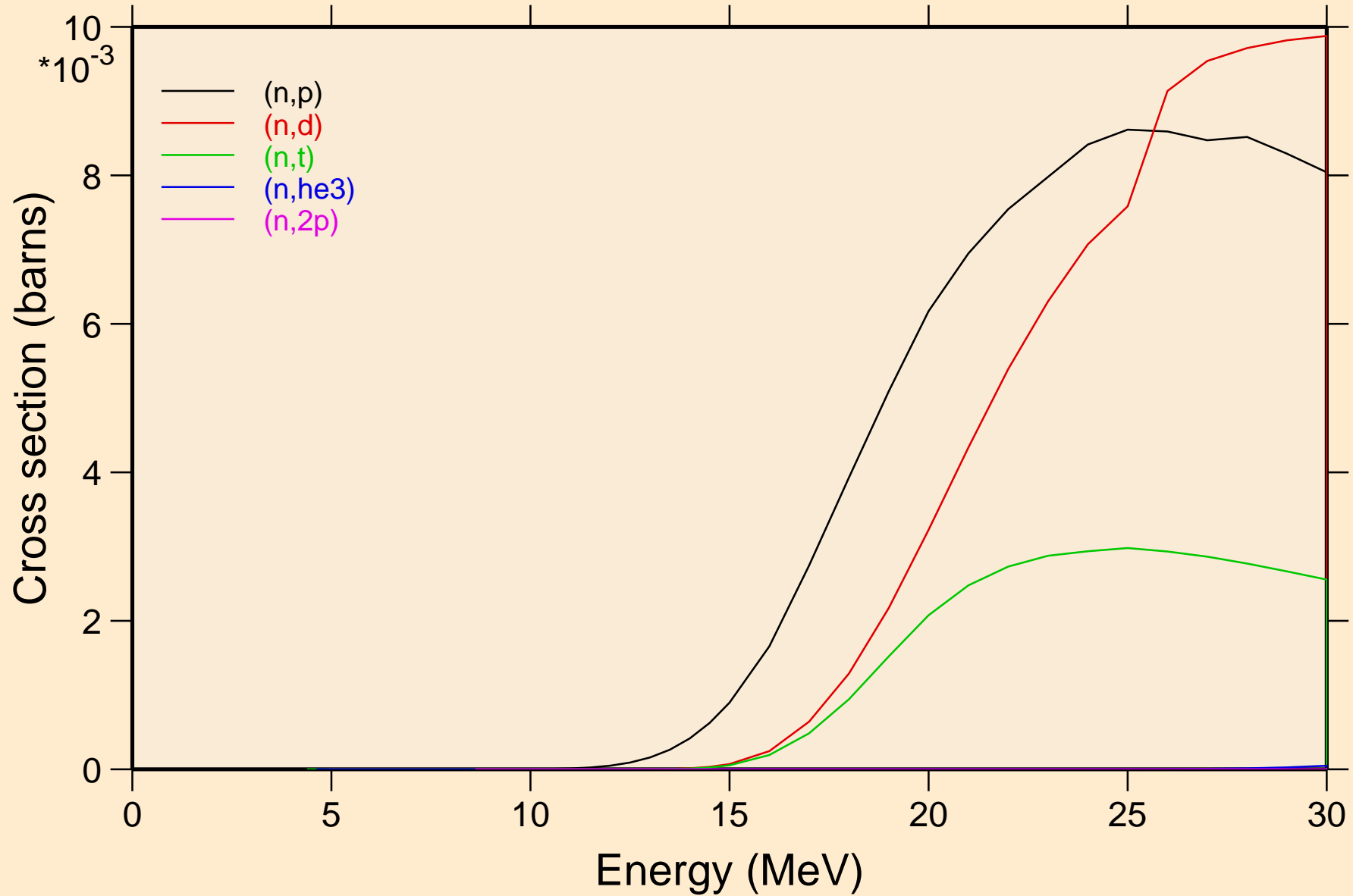


# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

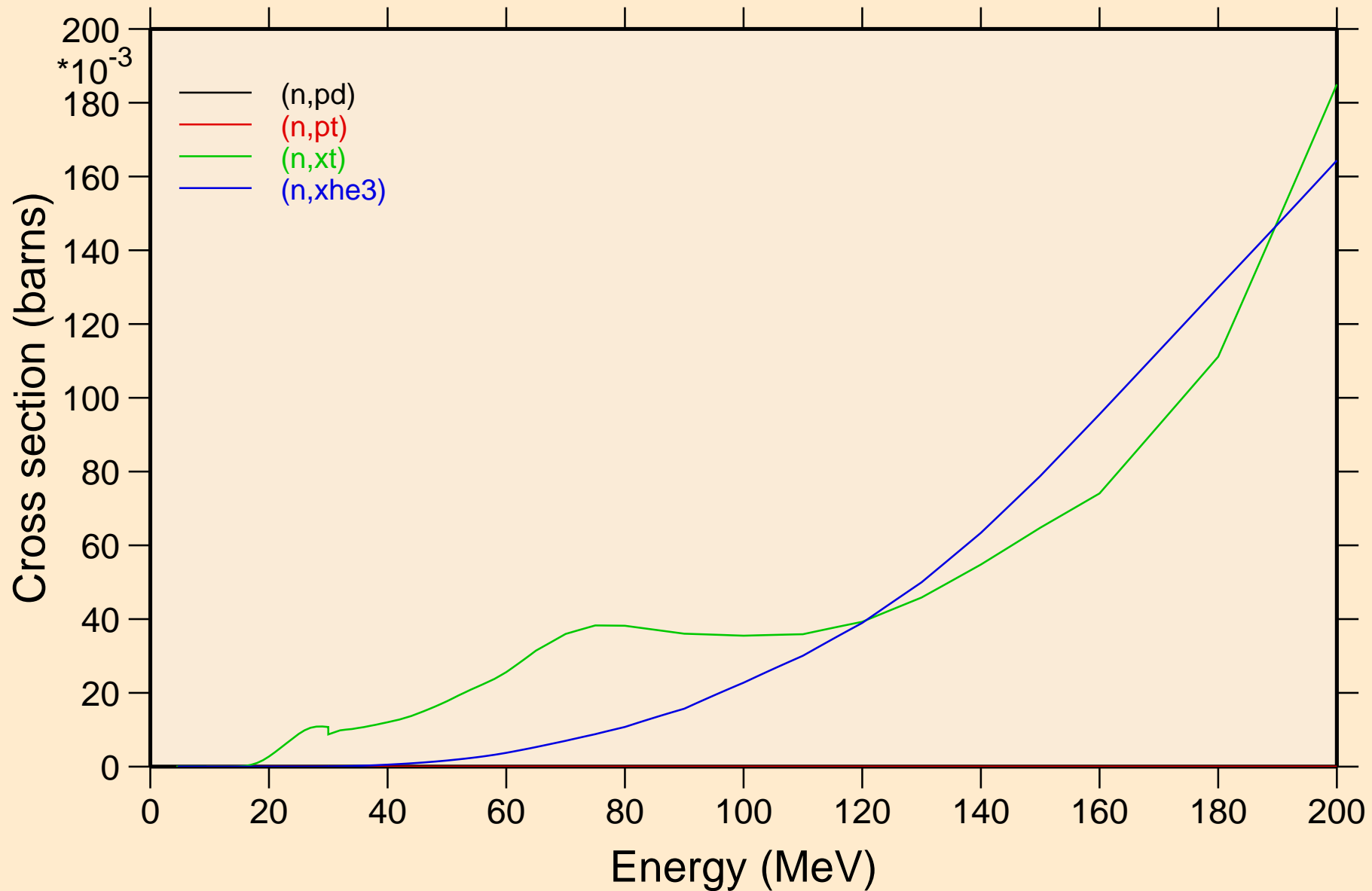


RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

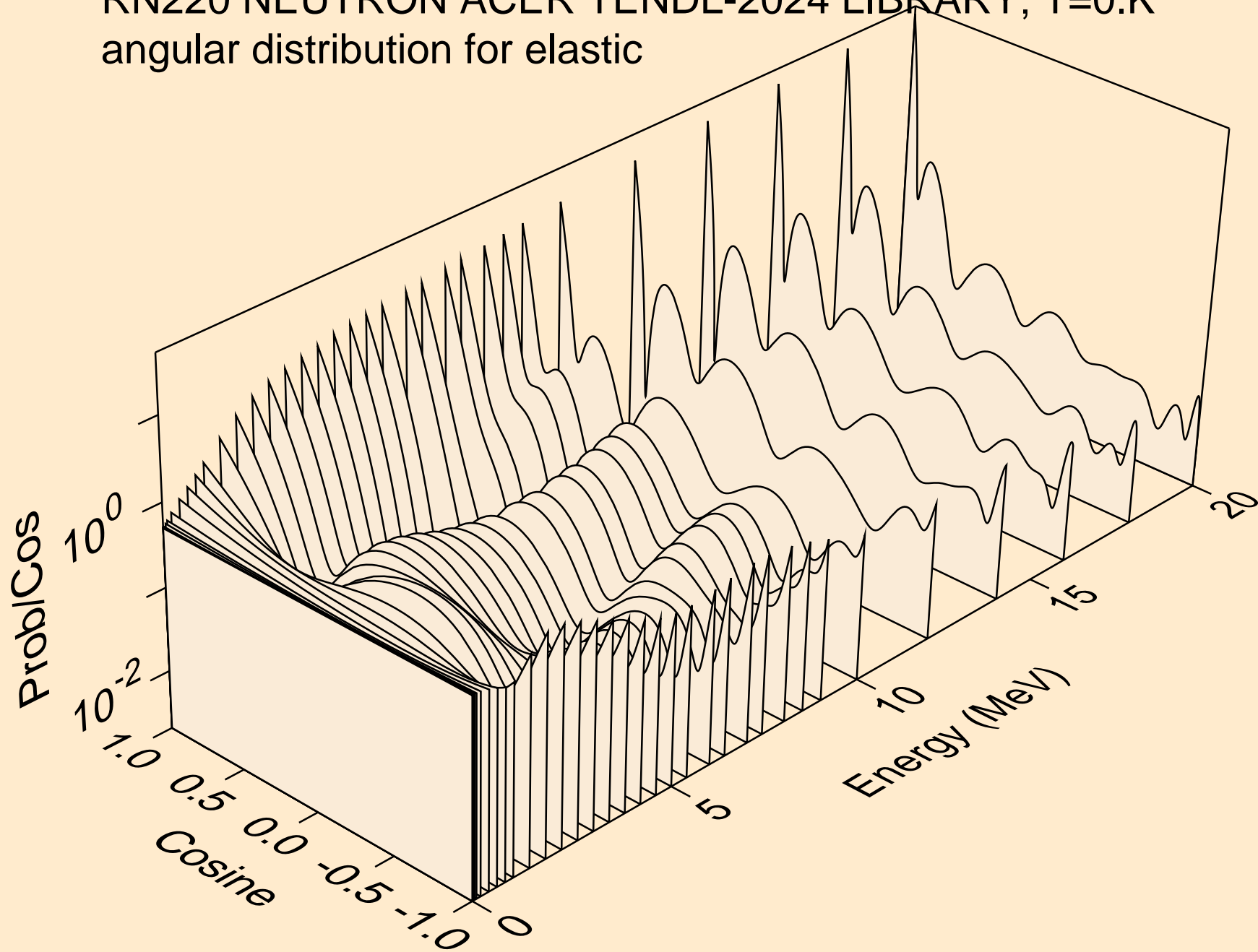


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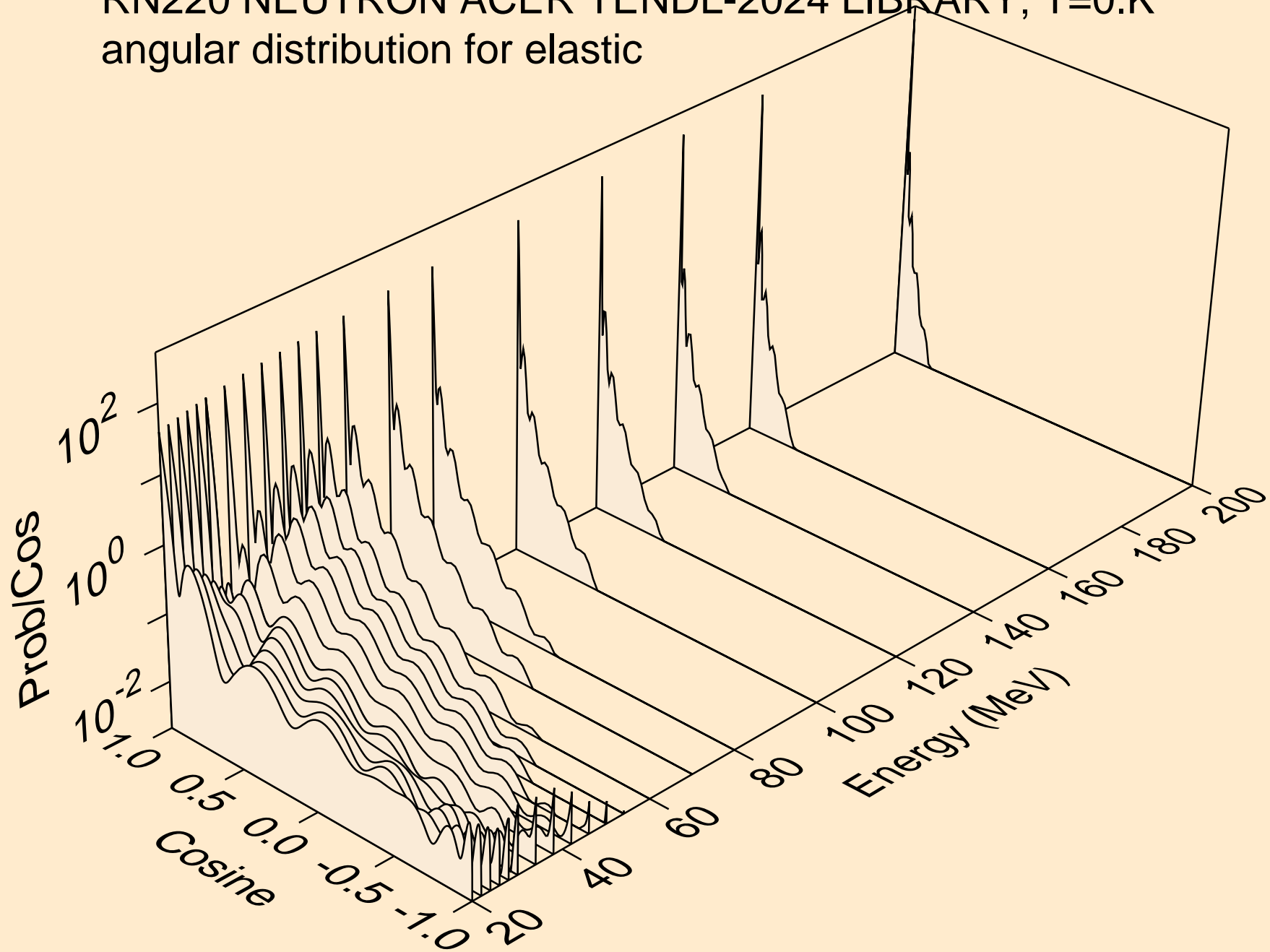
## Threshold reactions



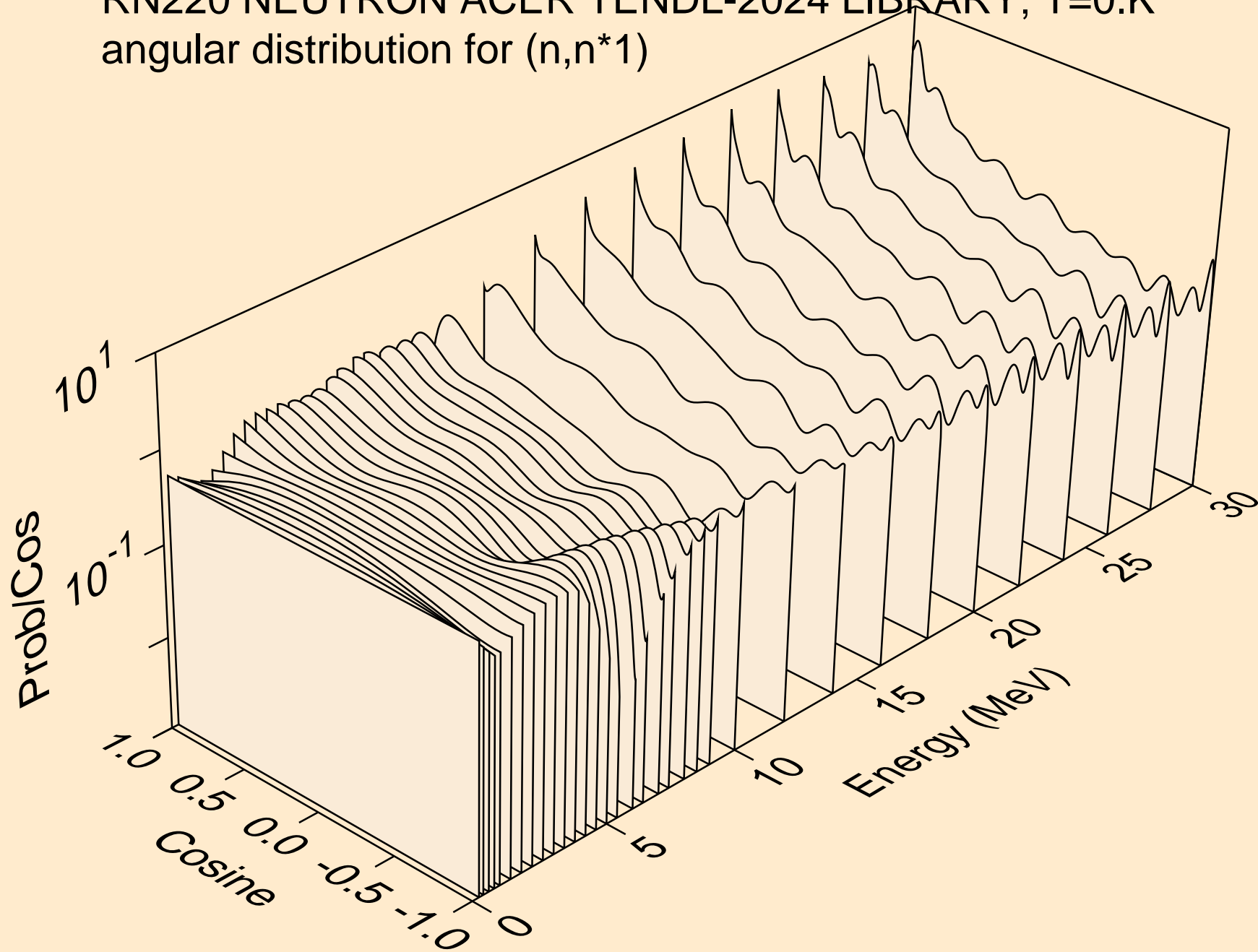
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



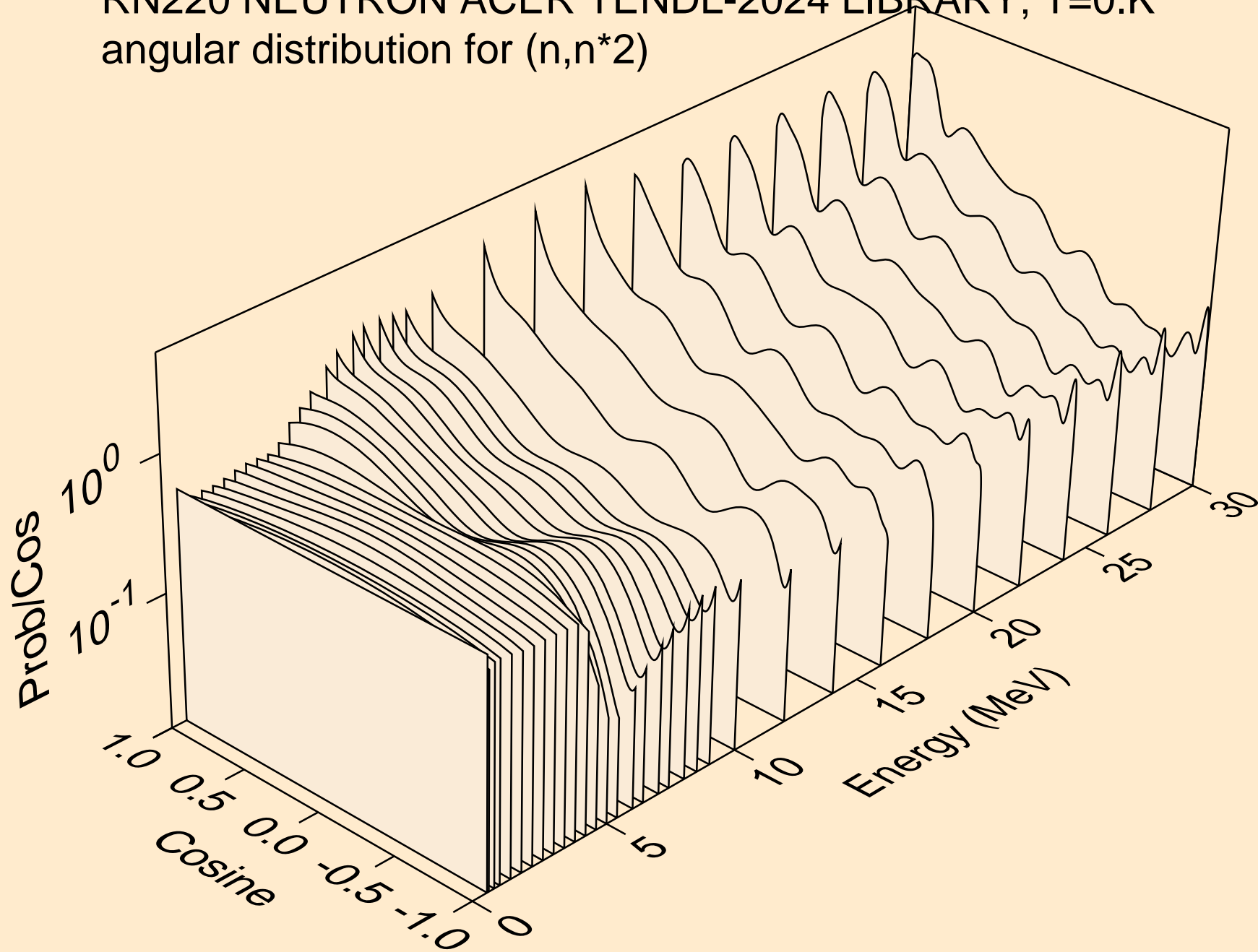
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angular distribution for elastic



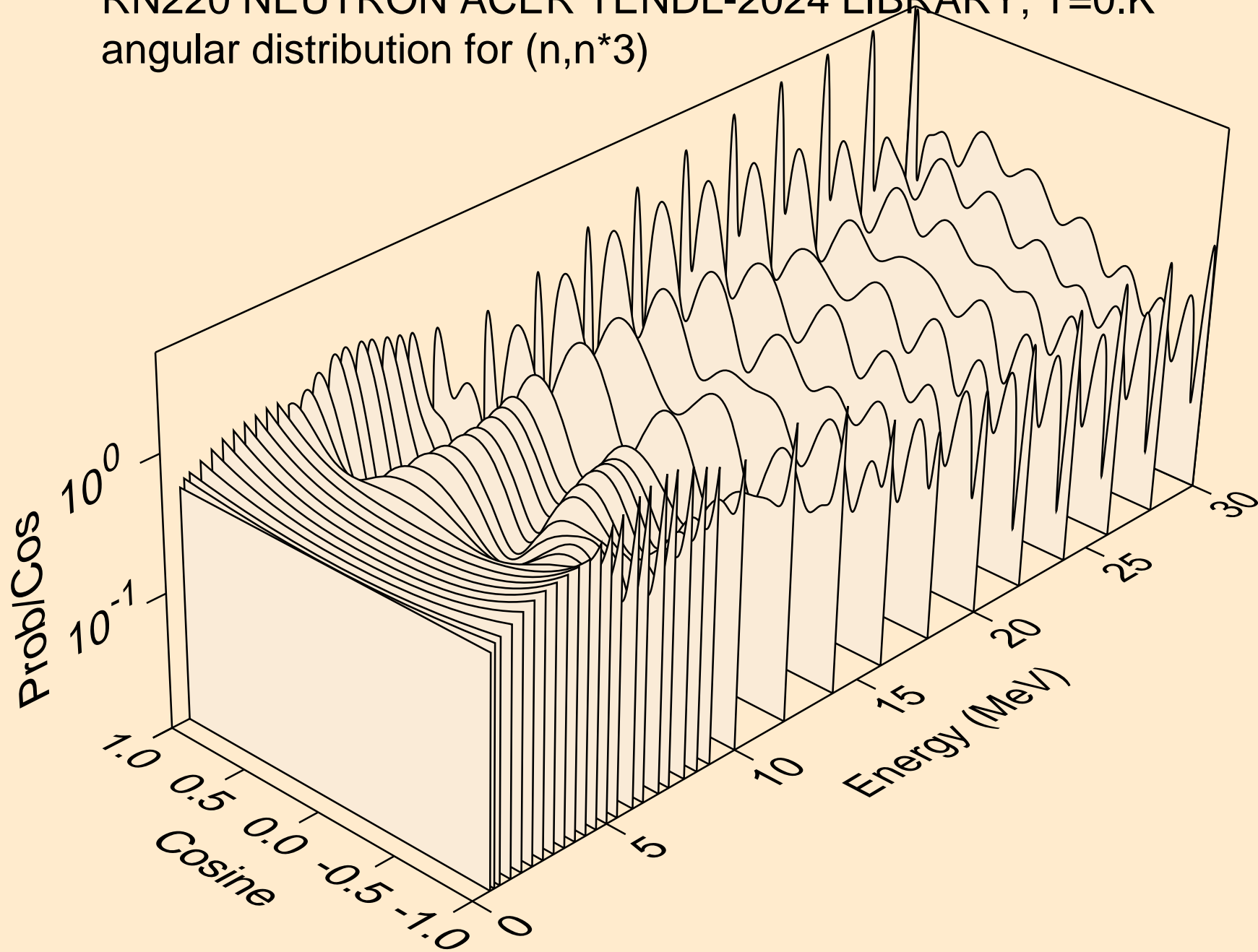
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



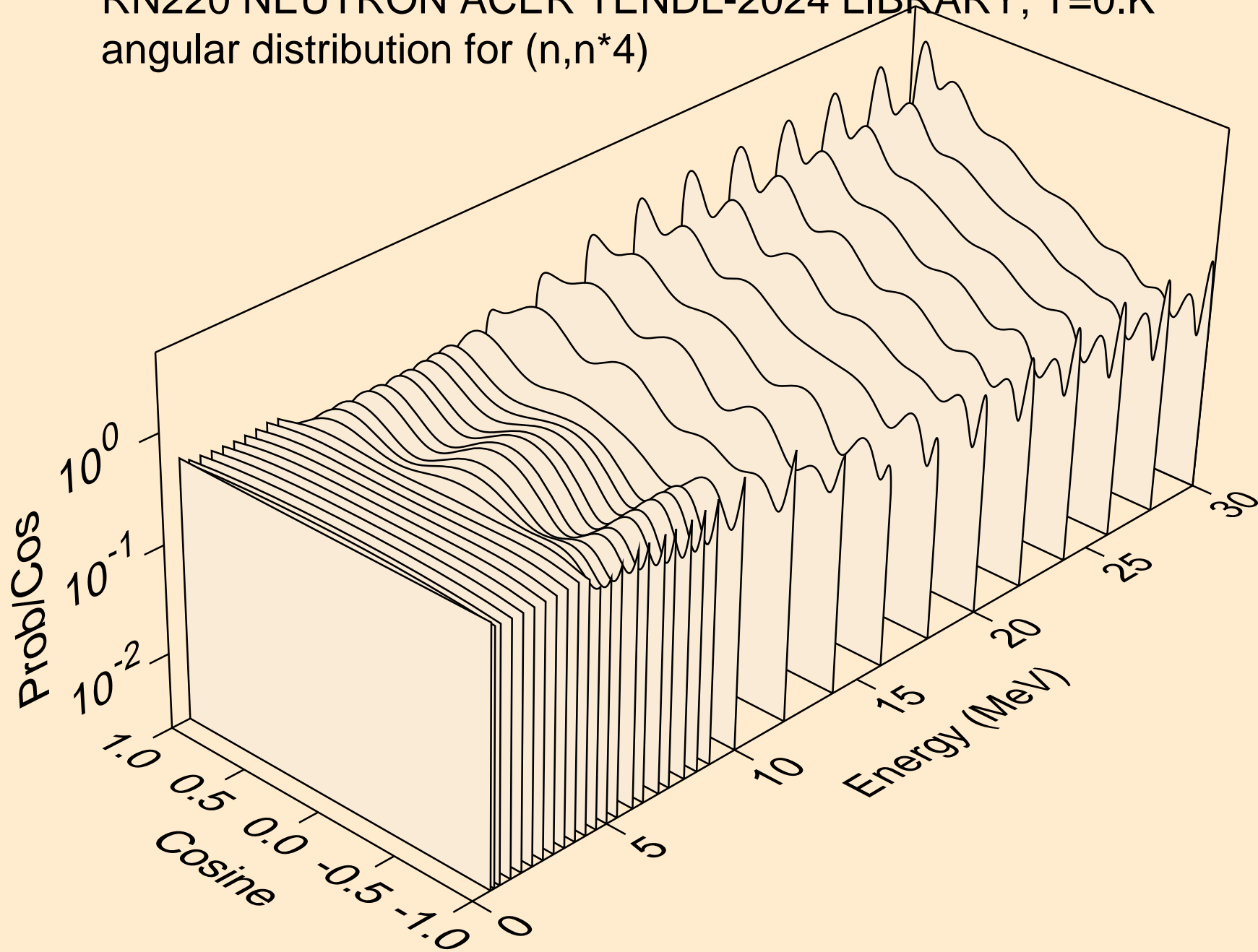
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angular distribution for (n,n\*2)



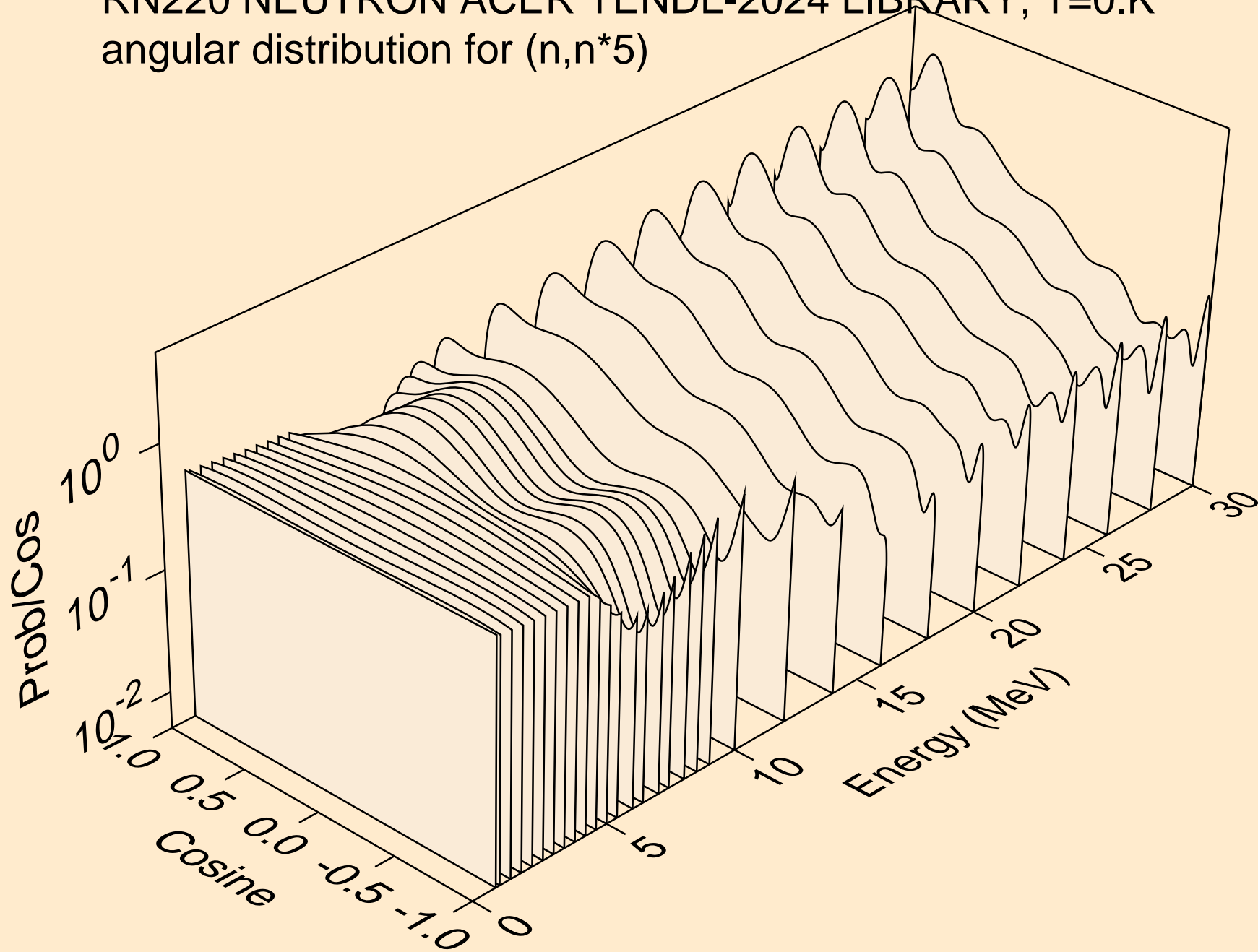
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angular distribution for (n,n\*3)



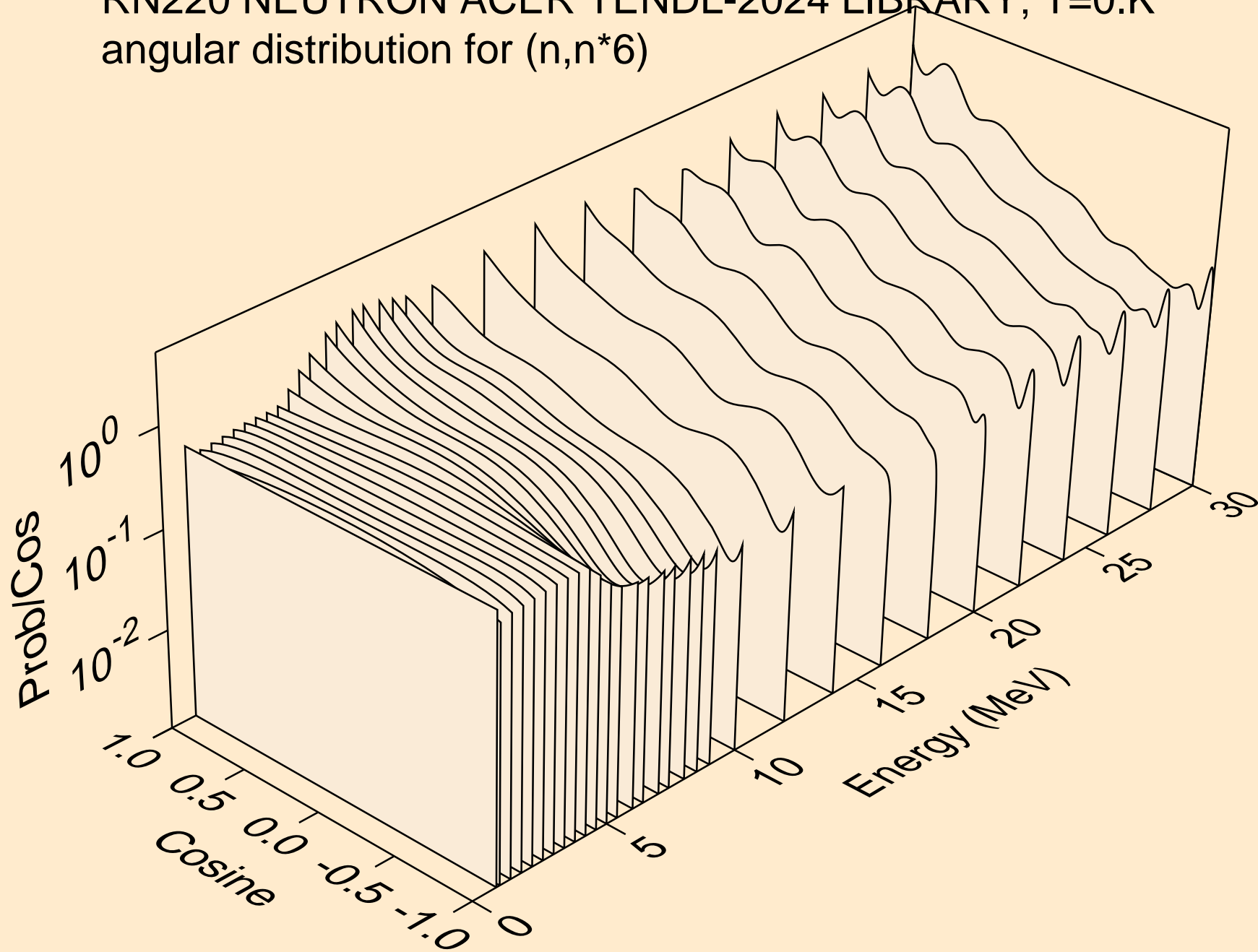
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angular distribution for (n,n\*4)



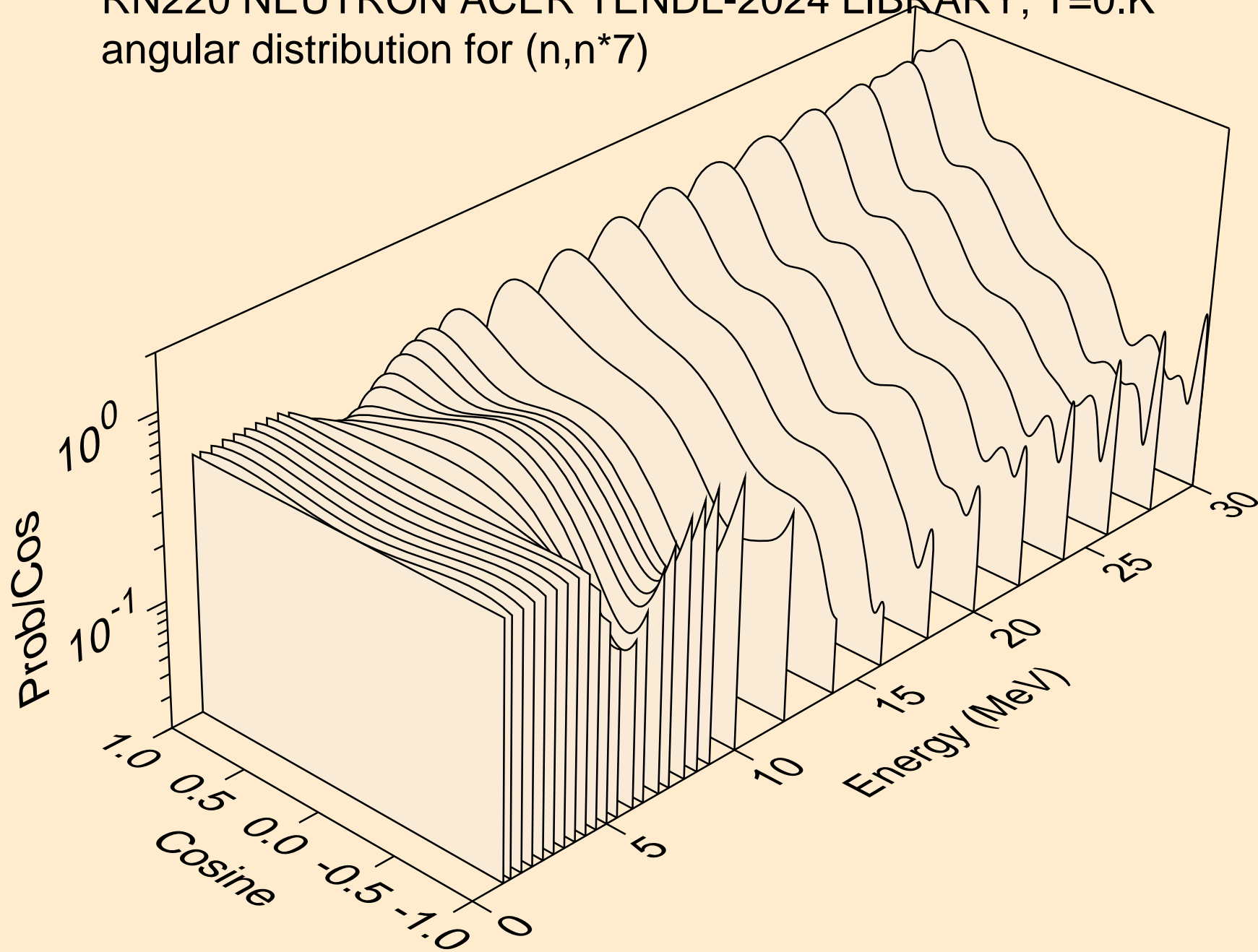
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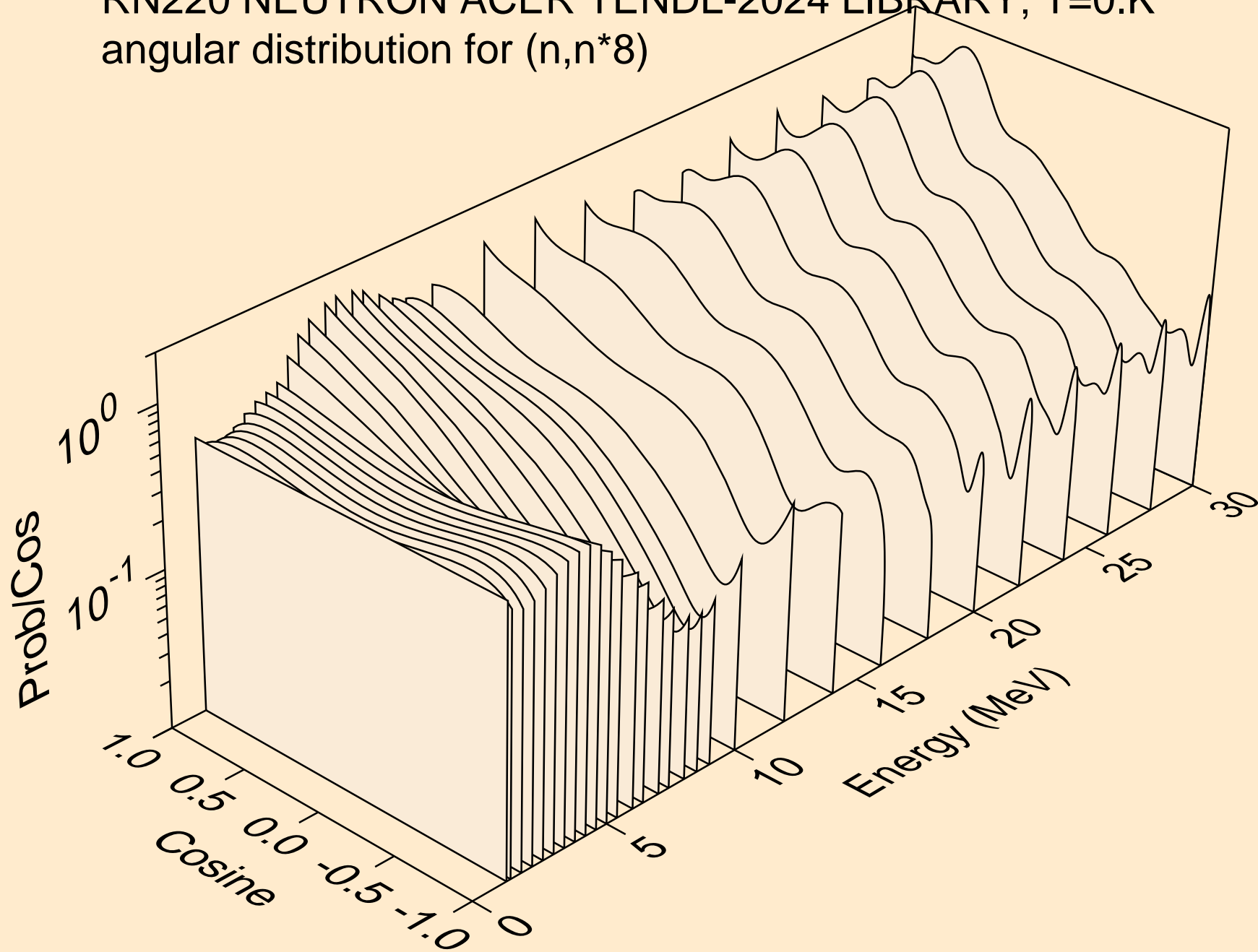
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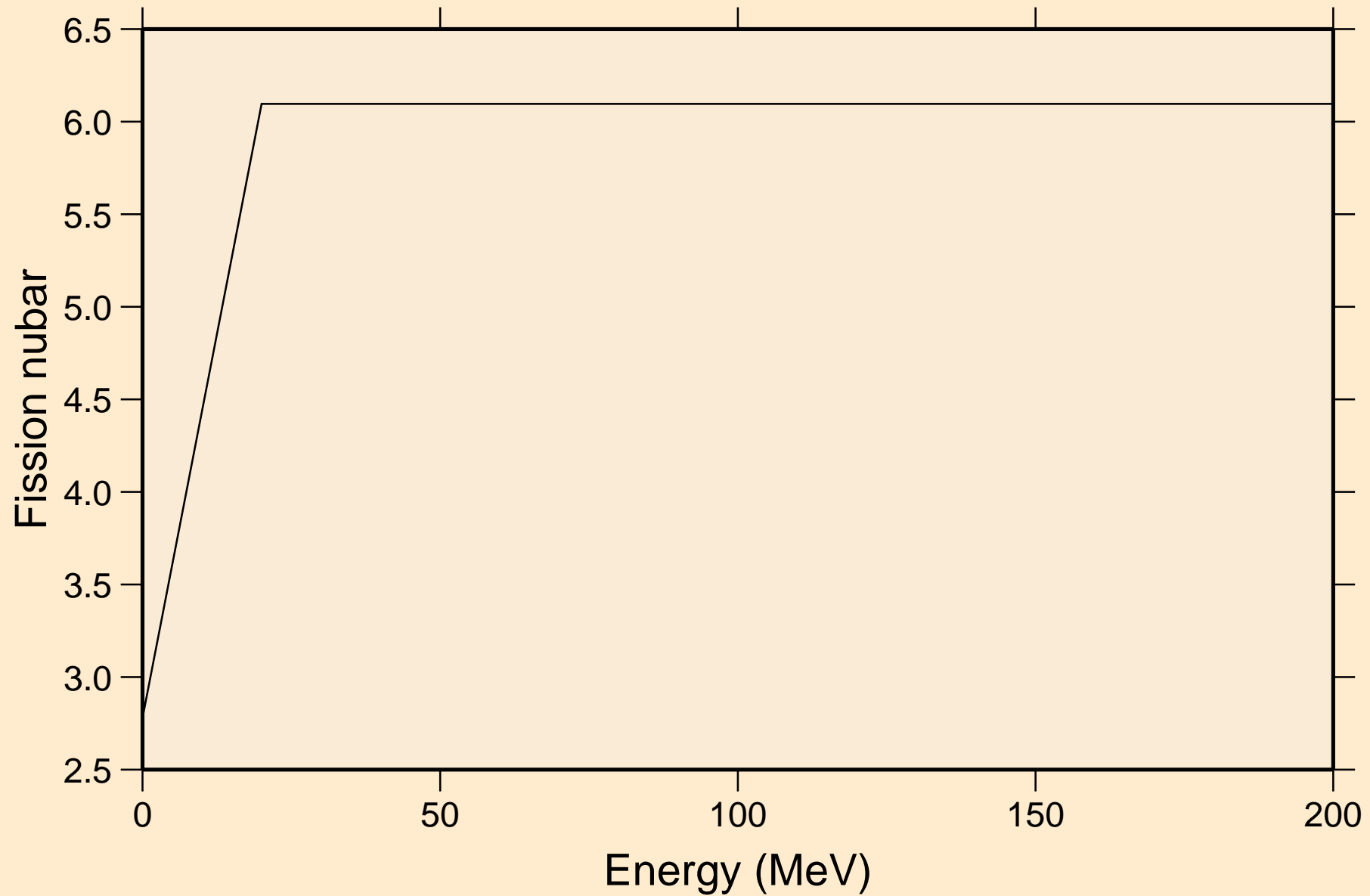
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angular distribution for (n,n\*7)



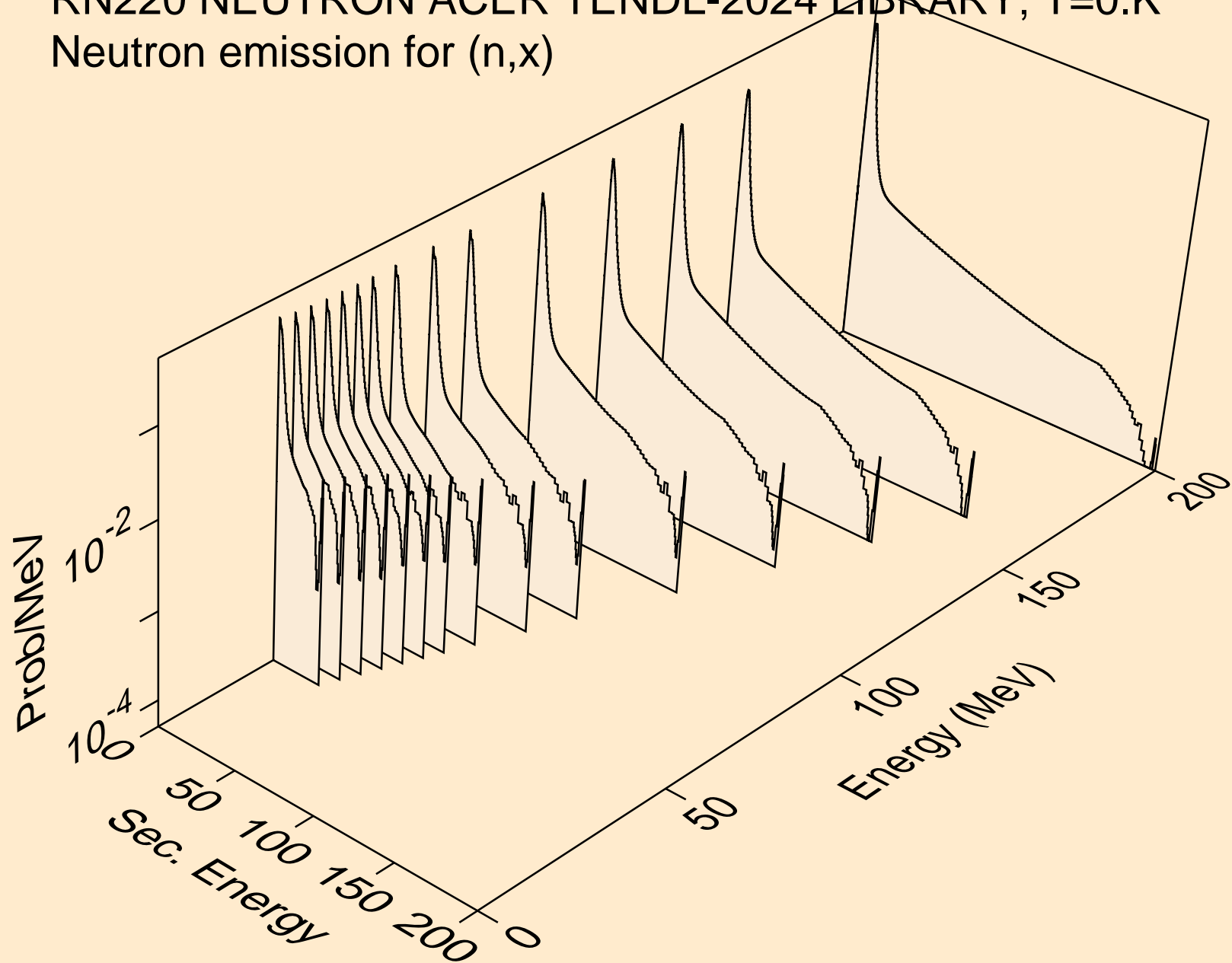
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angular distribution for (n,n\*8)



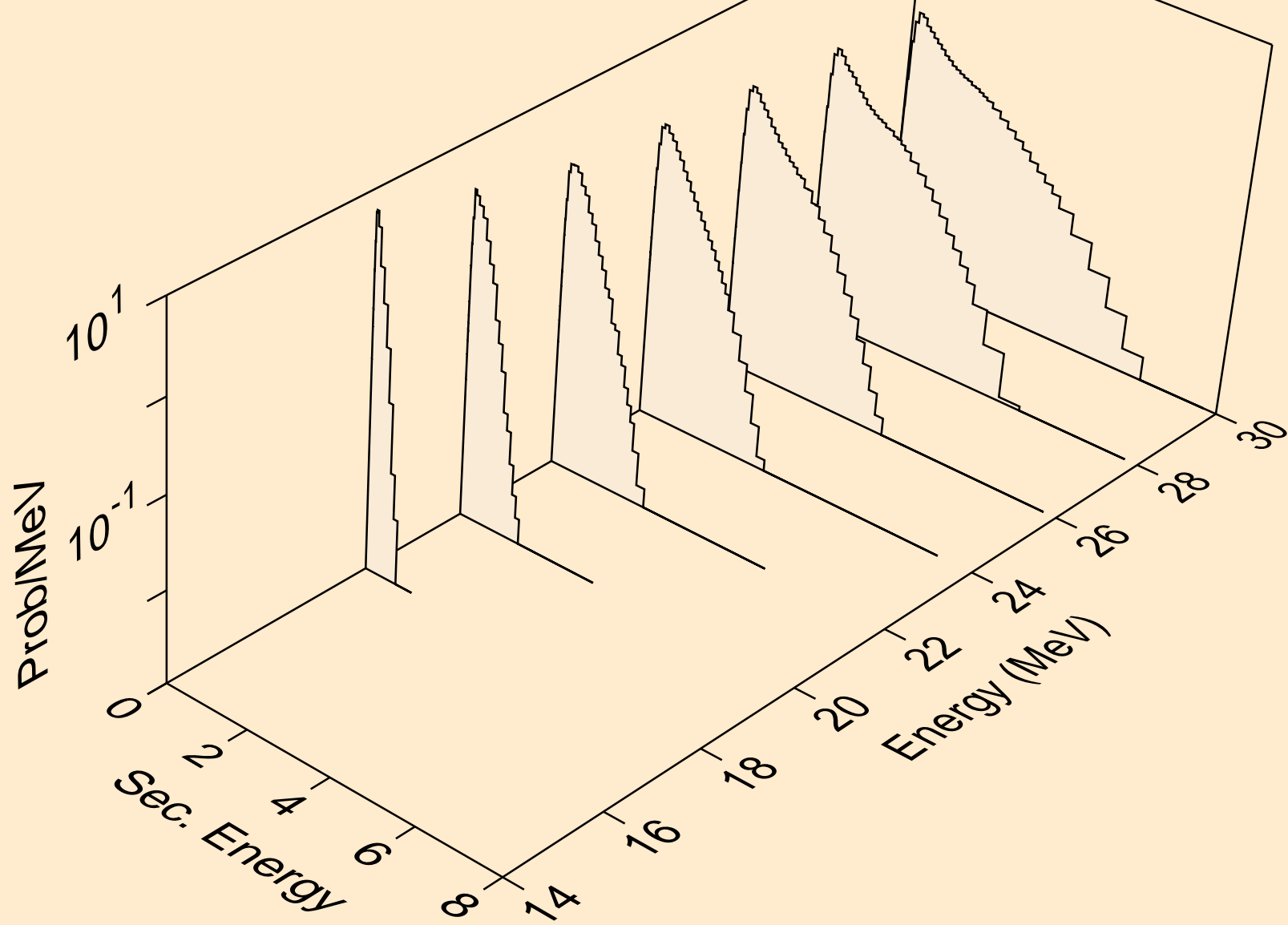
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Total fission nubar



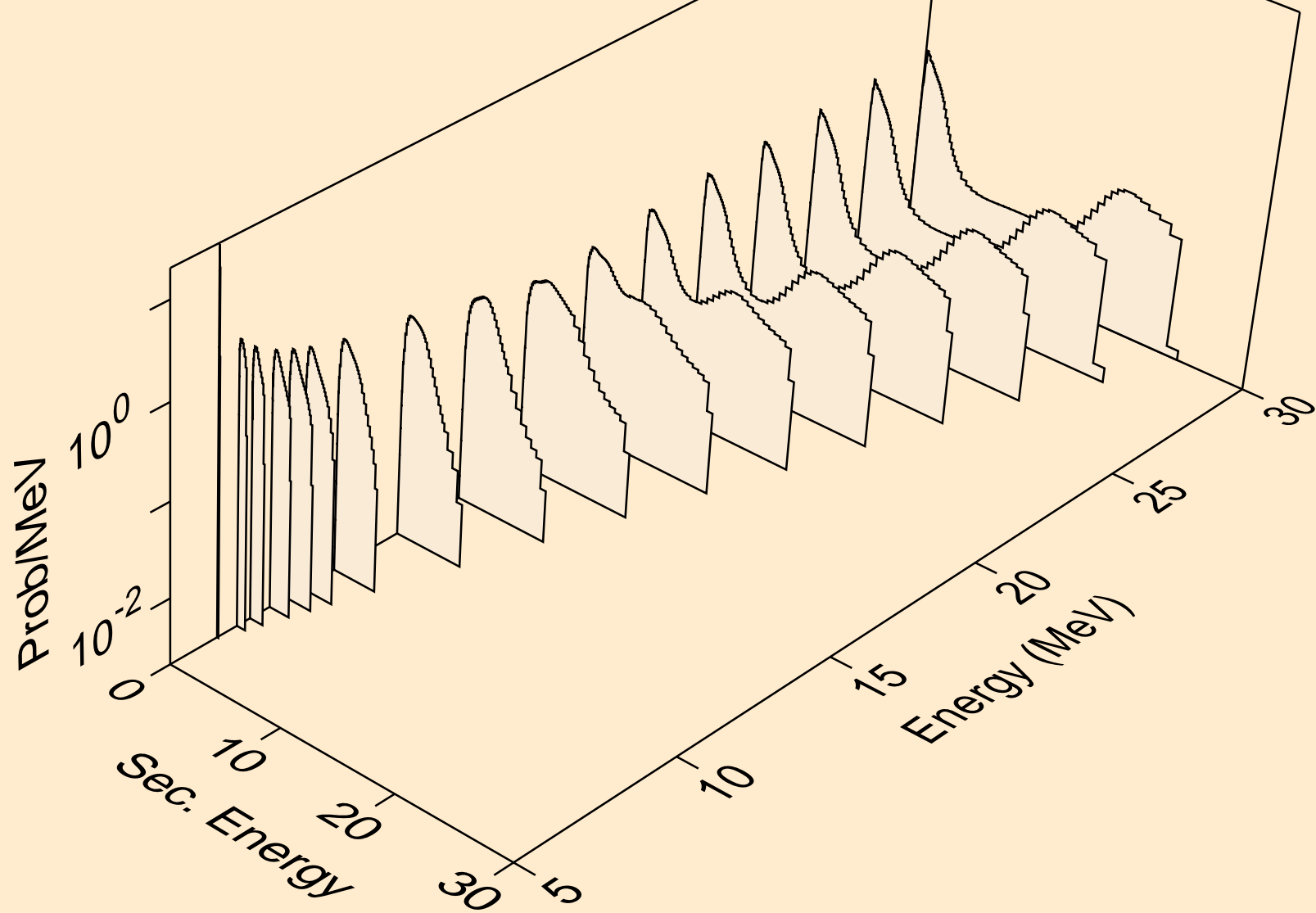
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Neutron emission for (n,x)



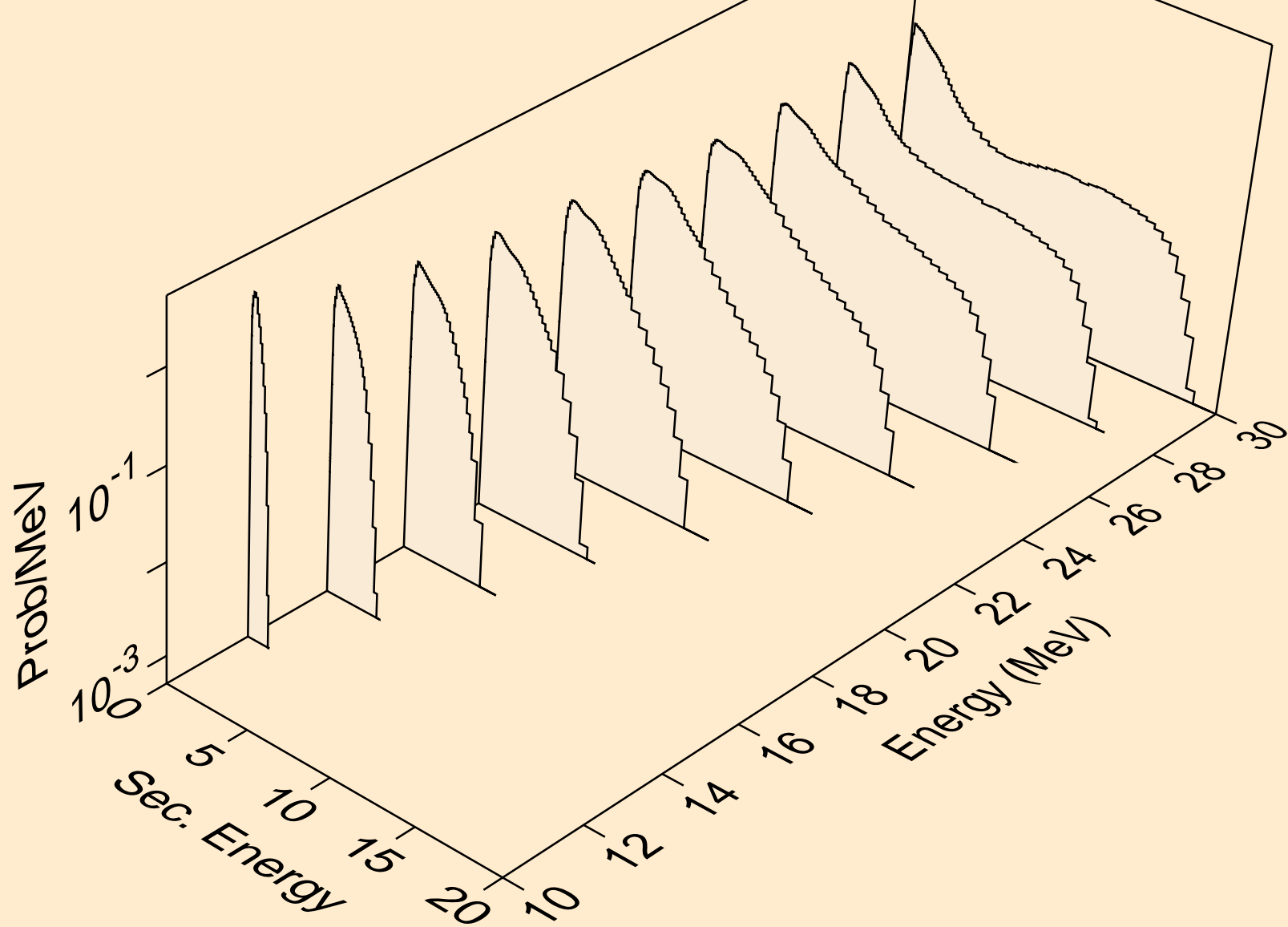
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Neutron emission for (n,2nd)



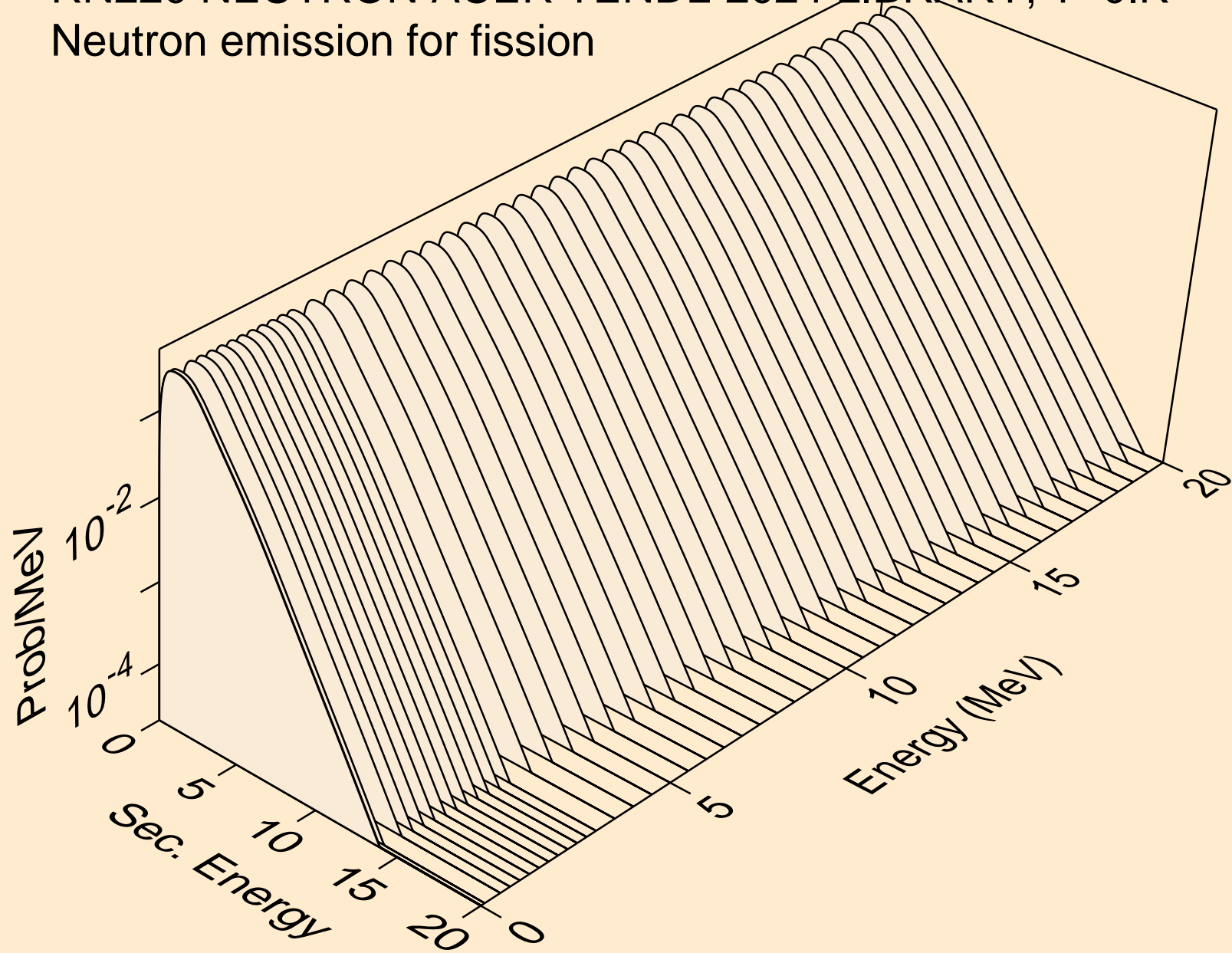
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



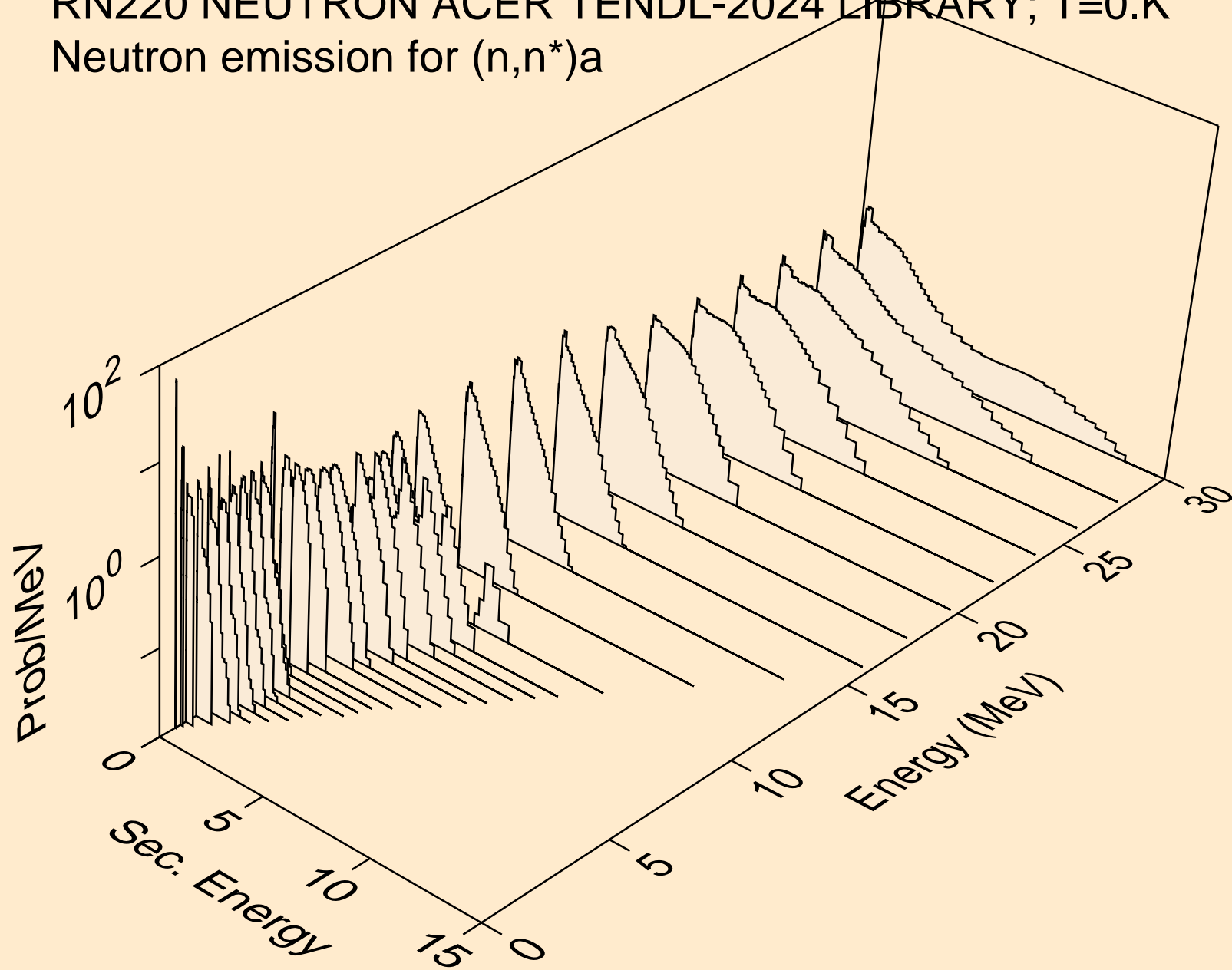
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Neutron emission for (n,3n)



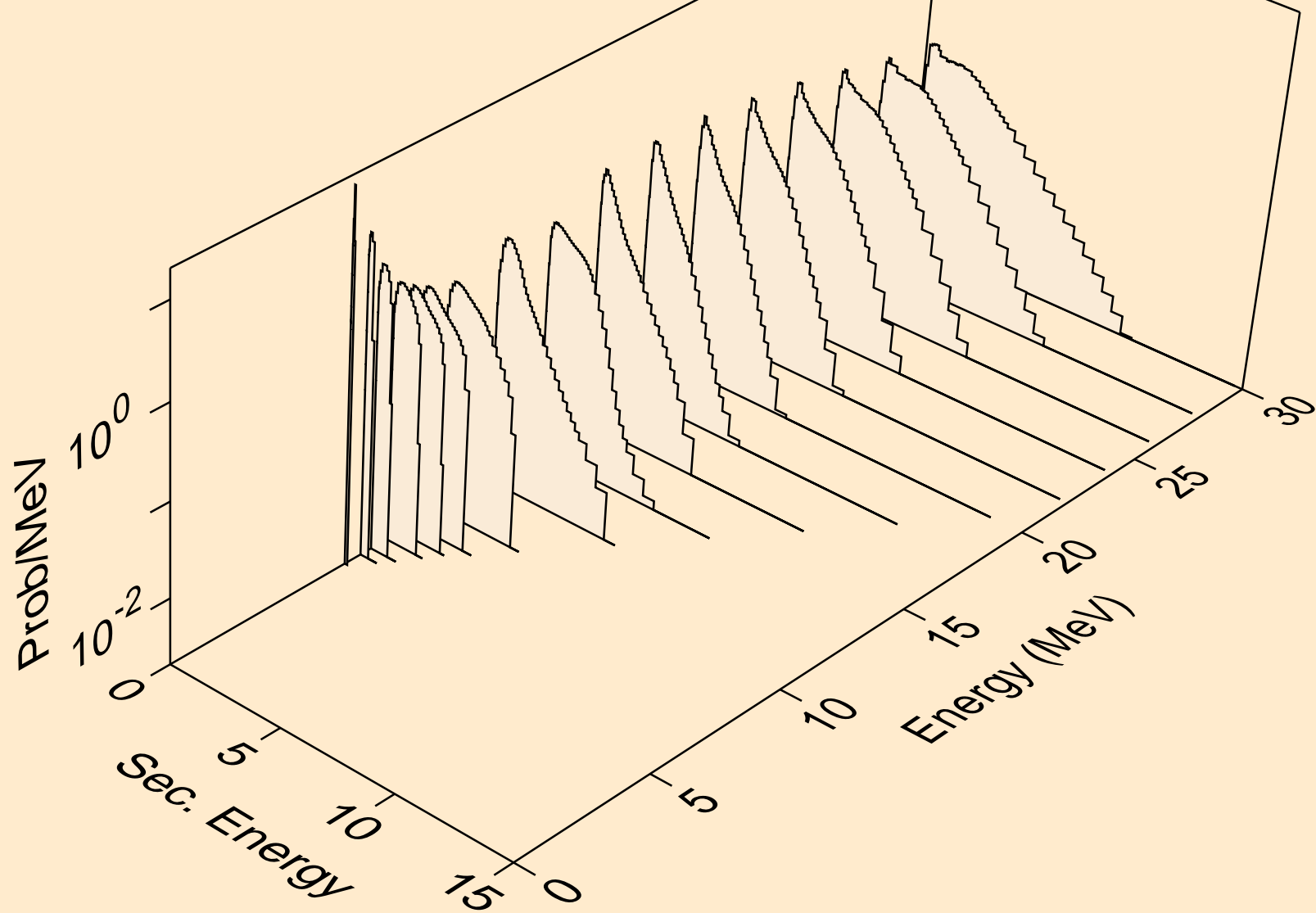
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Neutron emission for fission



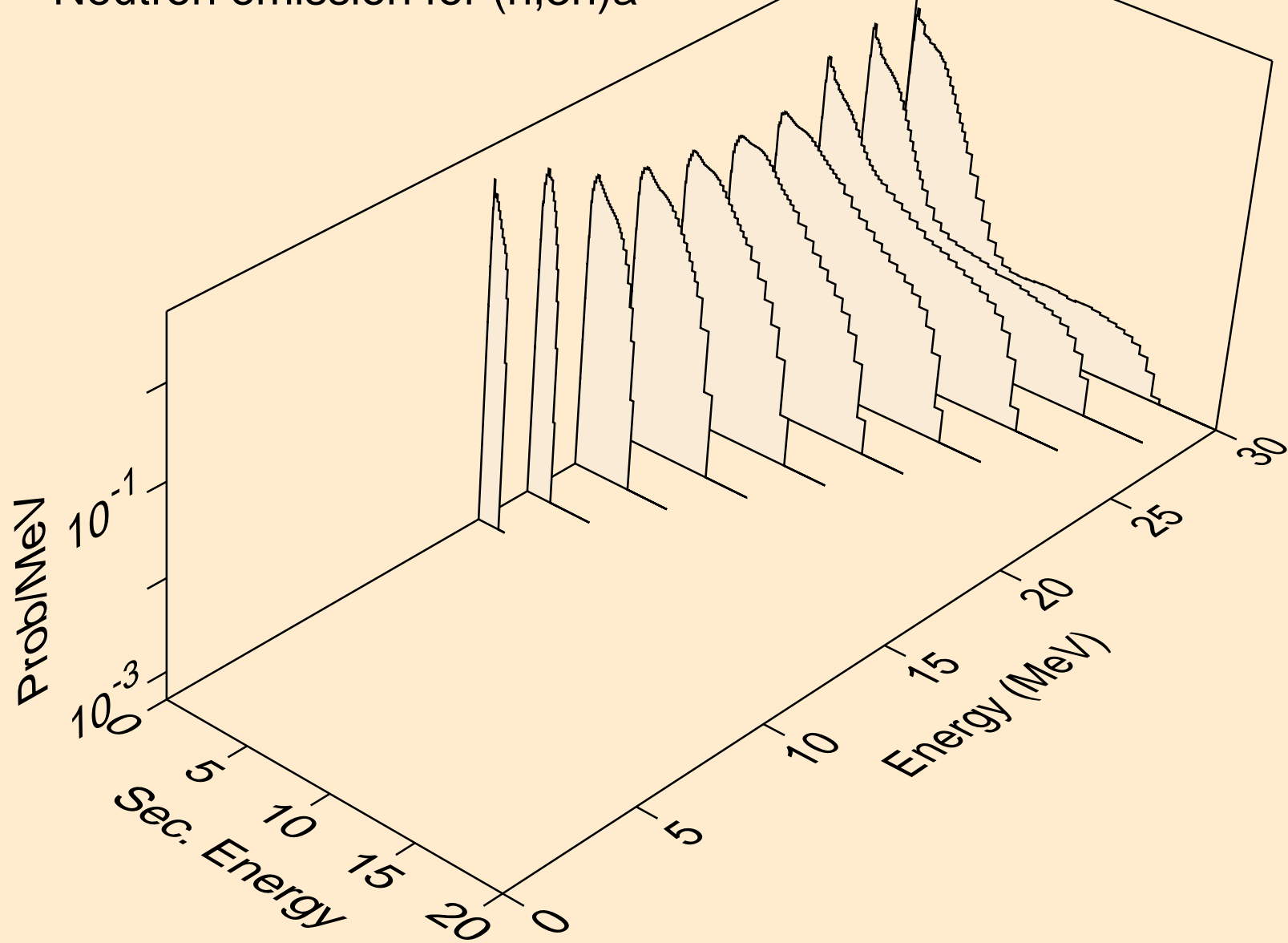
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Neutron emission for (n,n\*)a



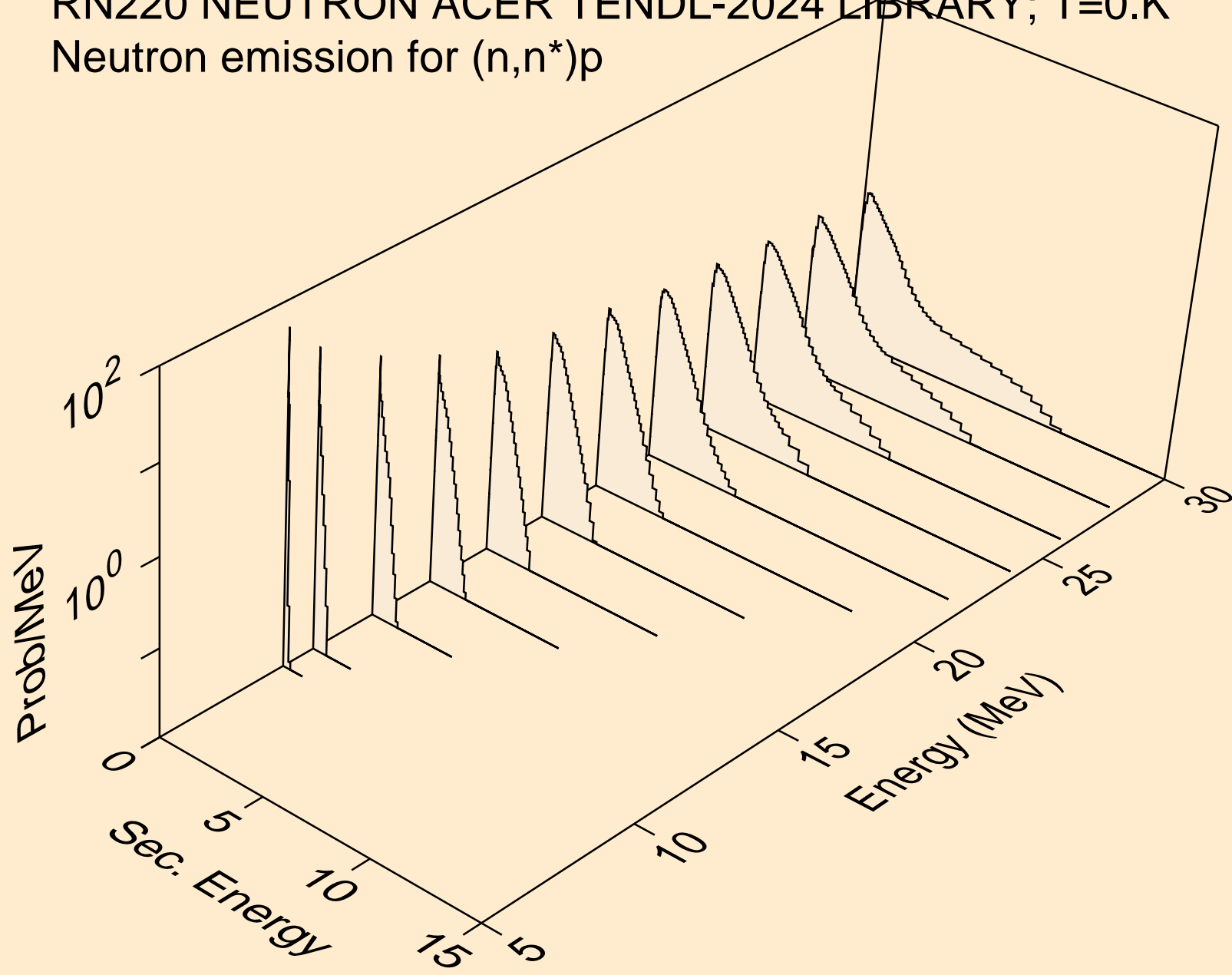
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Neutron emission for (n,2n)a



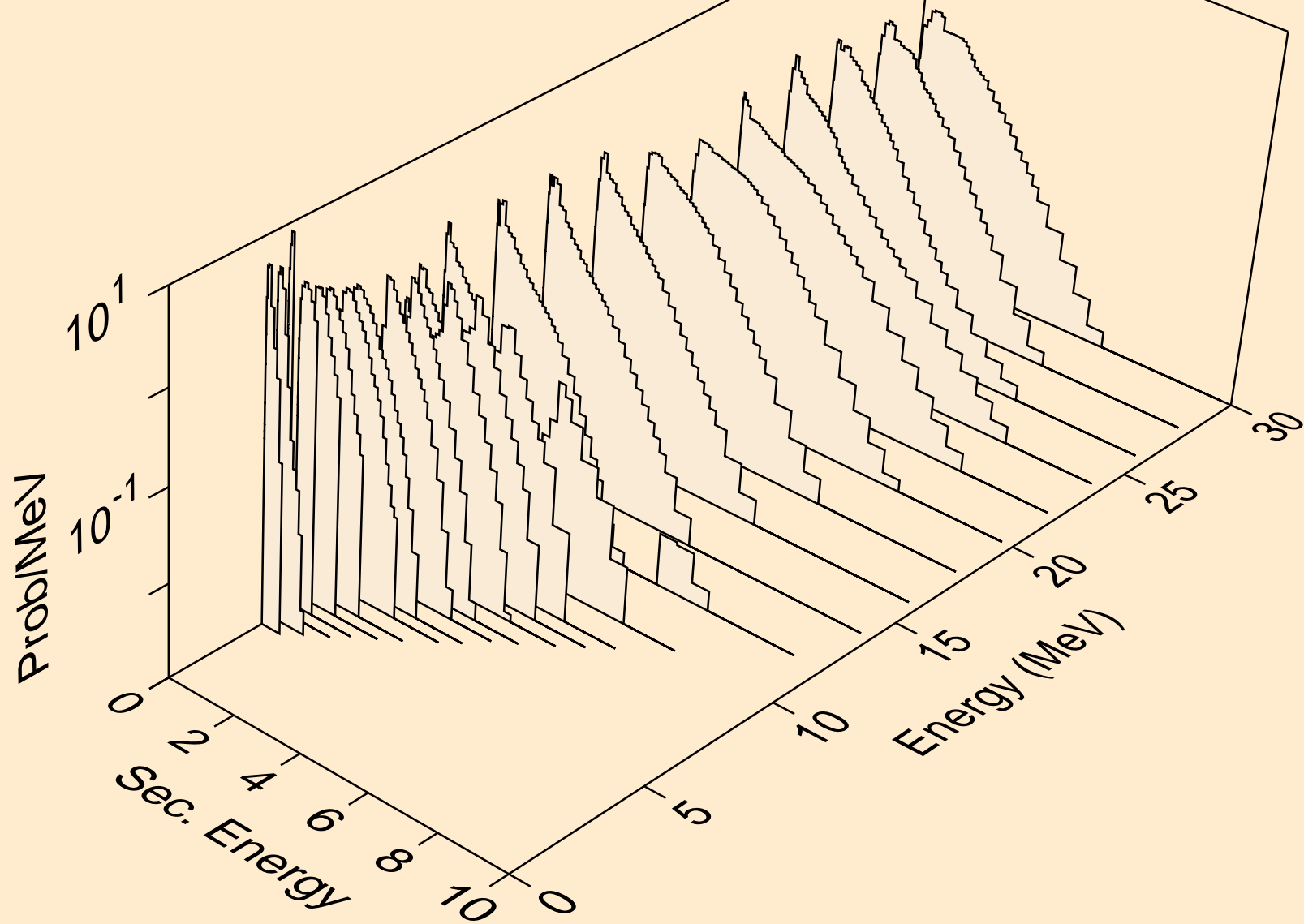
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Neutron emission for (n,3n)a



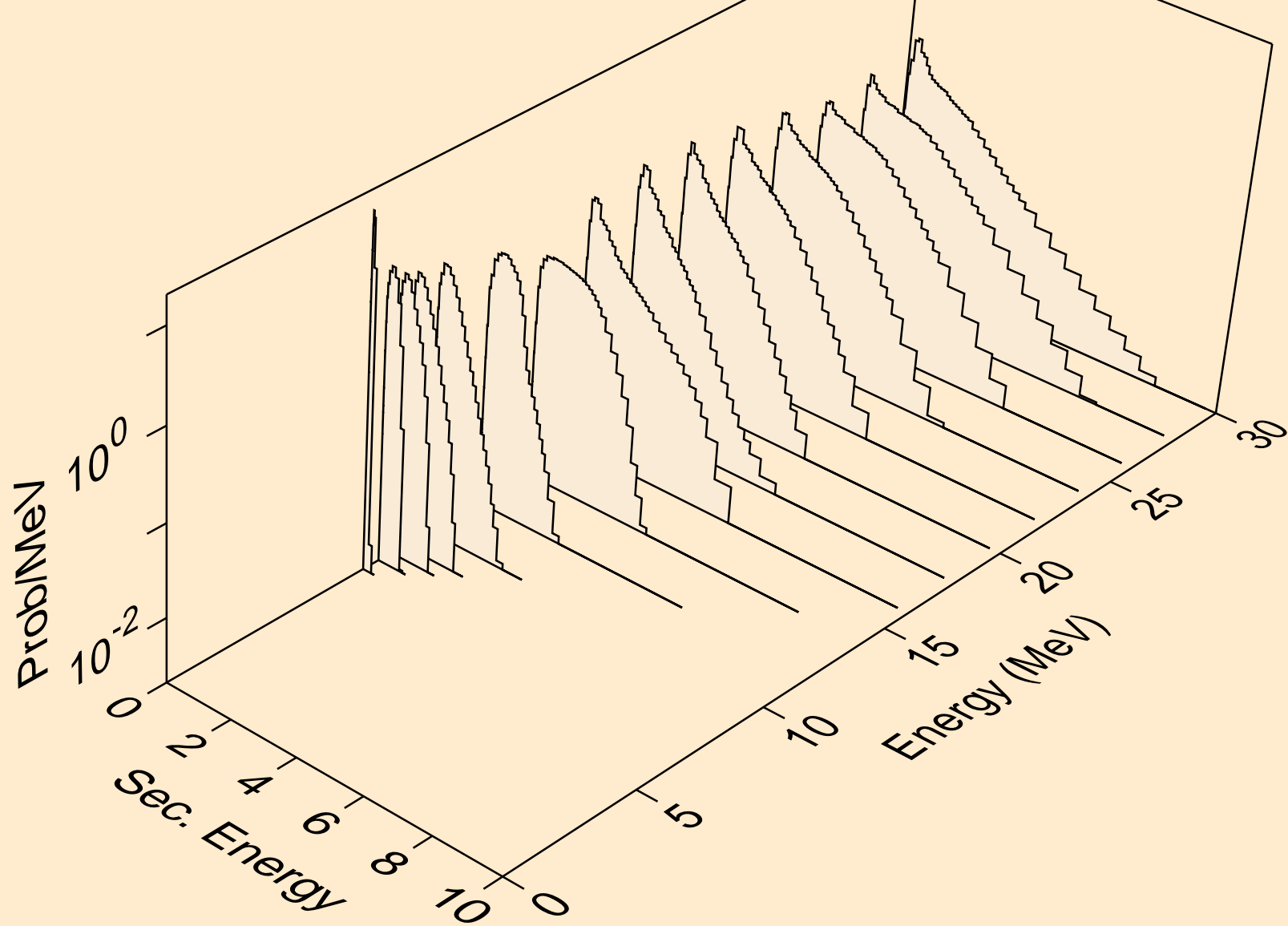
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Neutron emission for (n,n\*)p



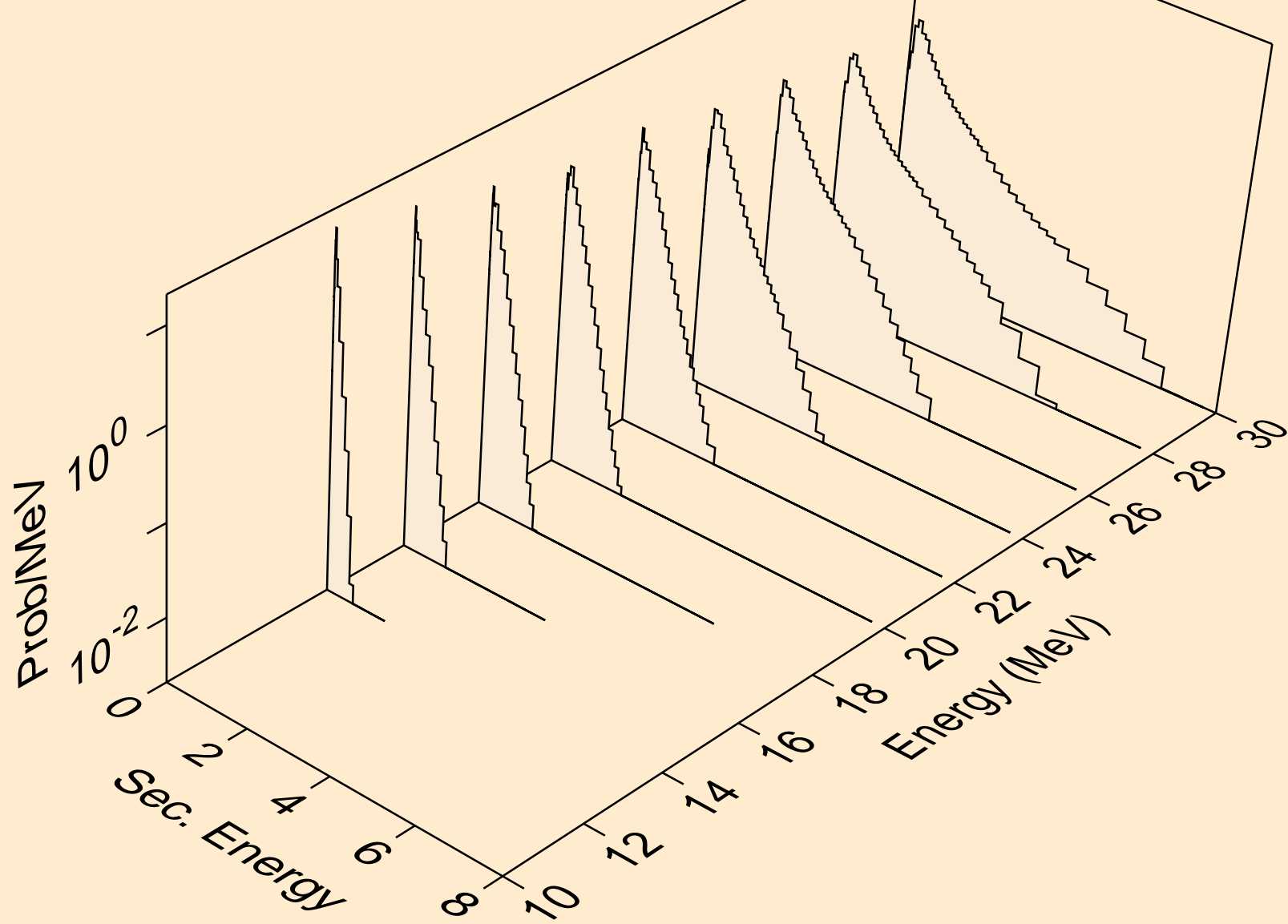
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Neutron emission for (n,n\*)2a



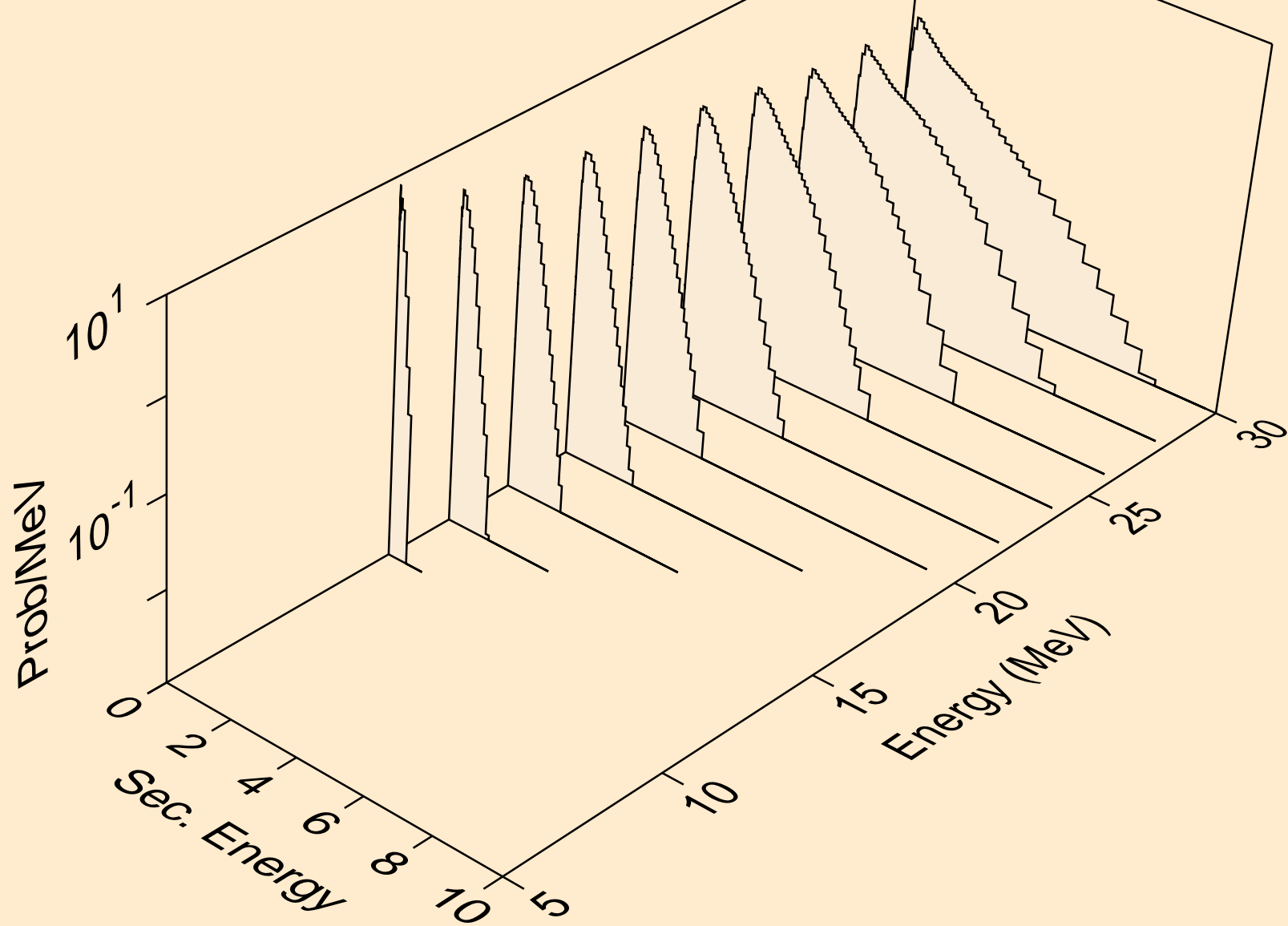
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Neutron emission for (n,2n)2a



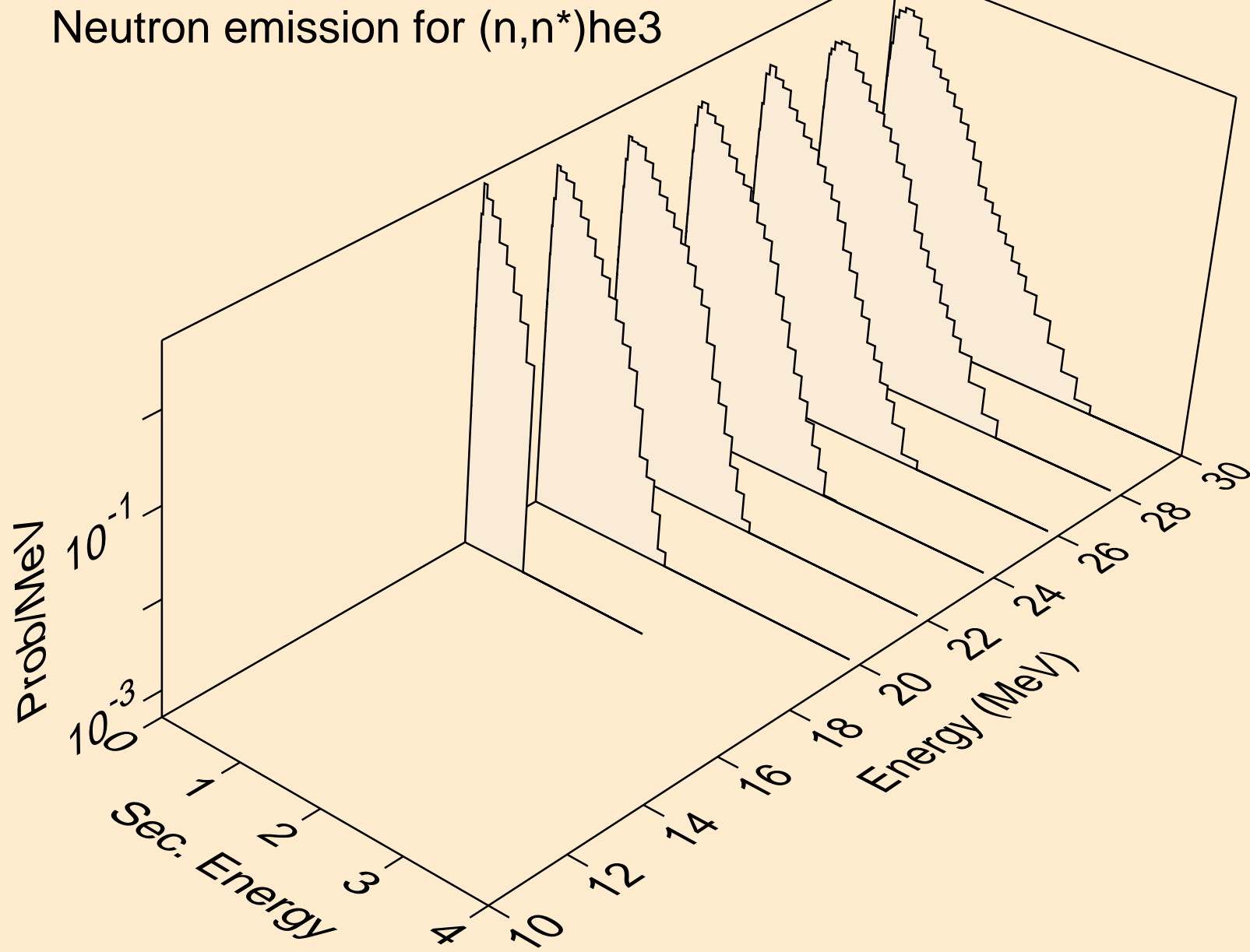
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Neutron emission for (n,n\*)d



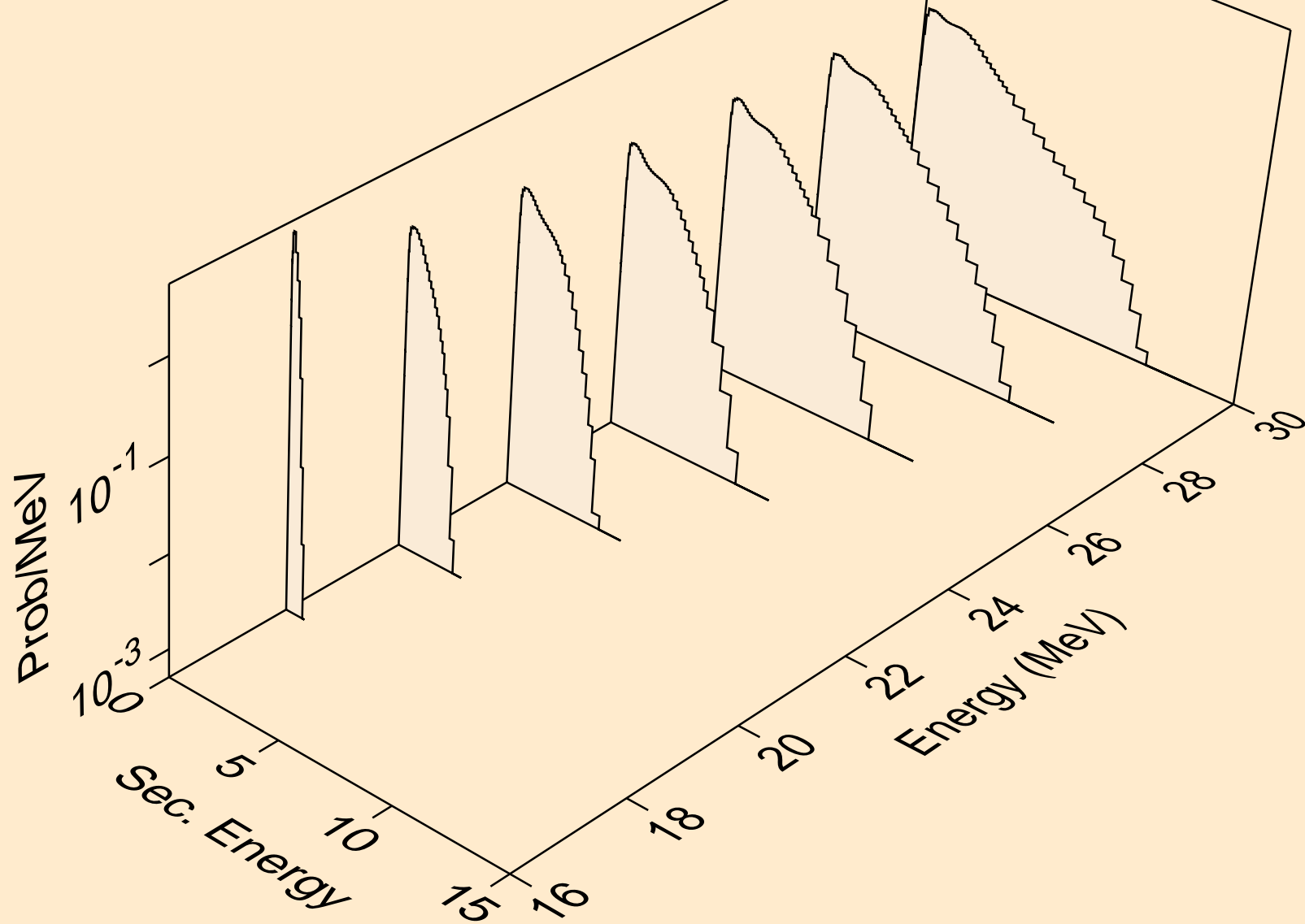
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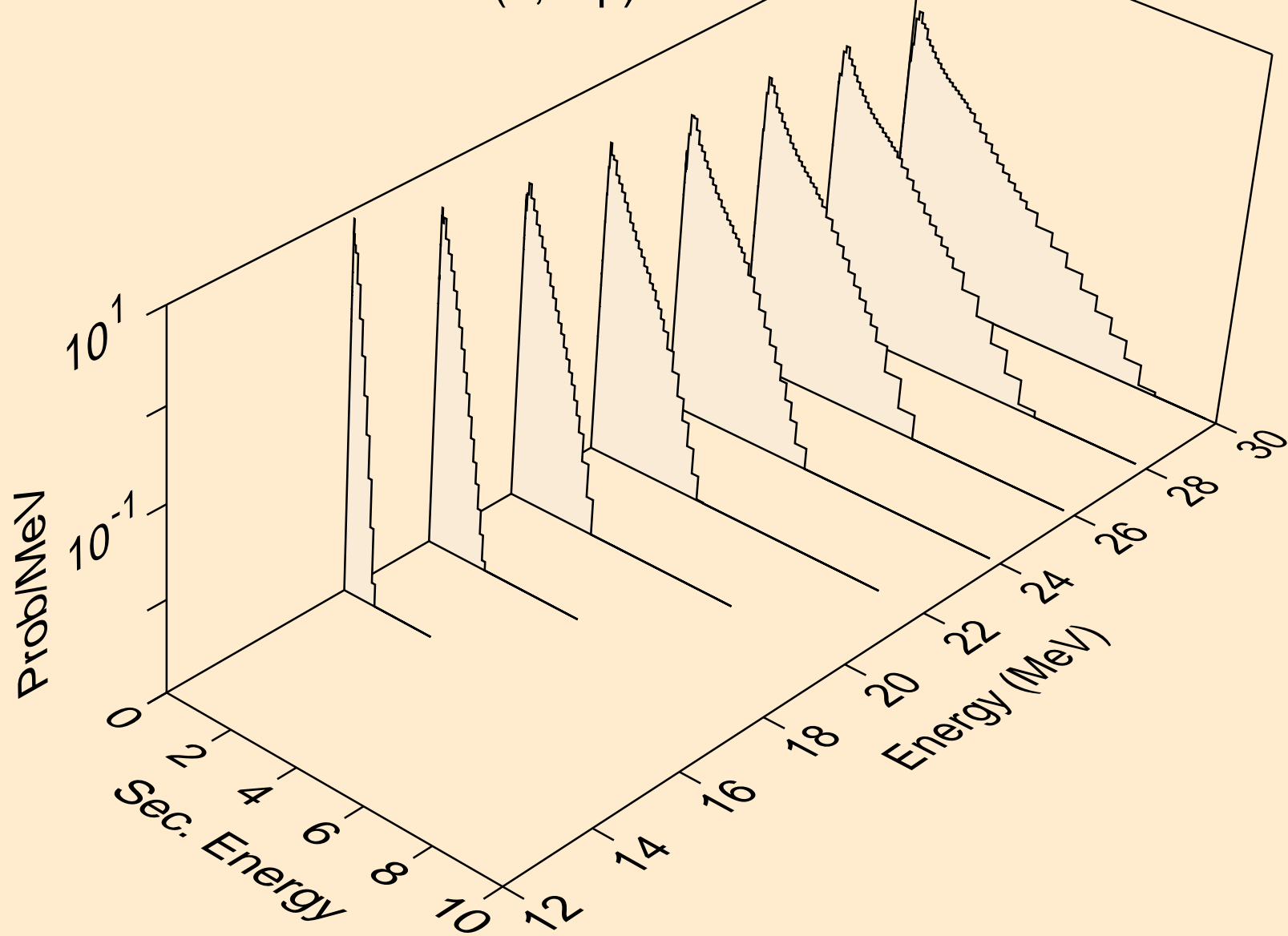
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Neutron emission for (n,n\*)he3



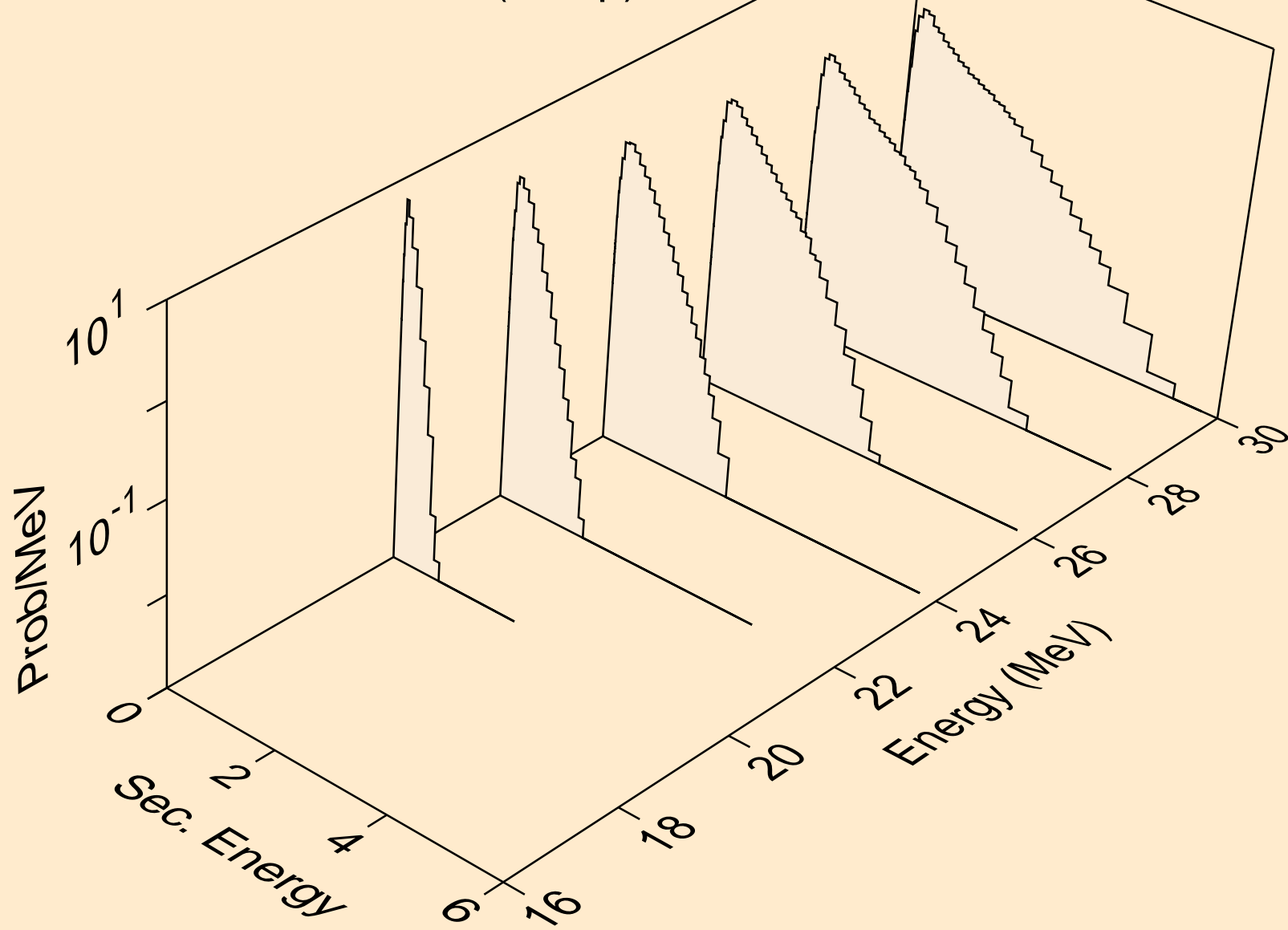
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Neutron emission for (n,4n)



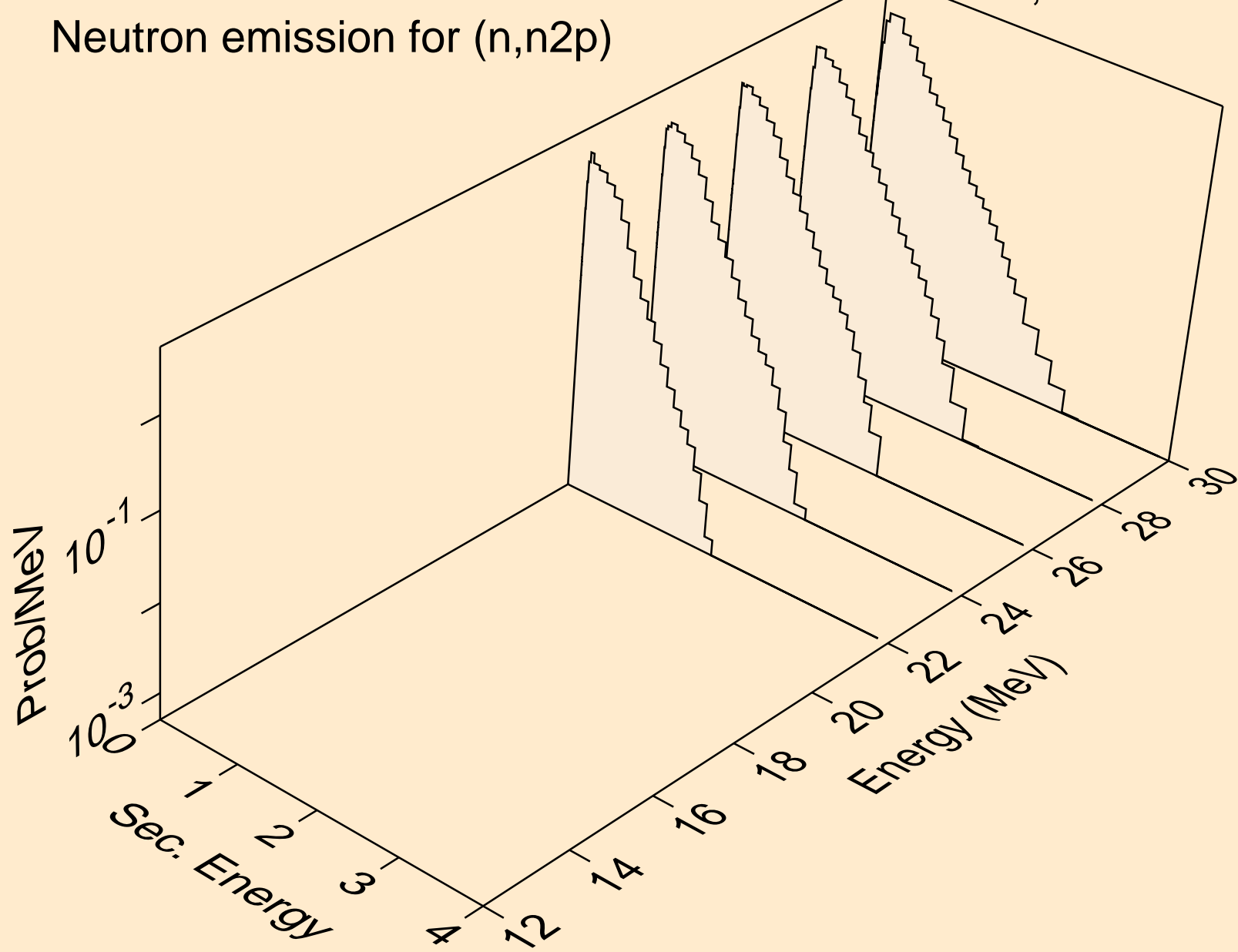
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Neutron emission for (n,2np)



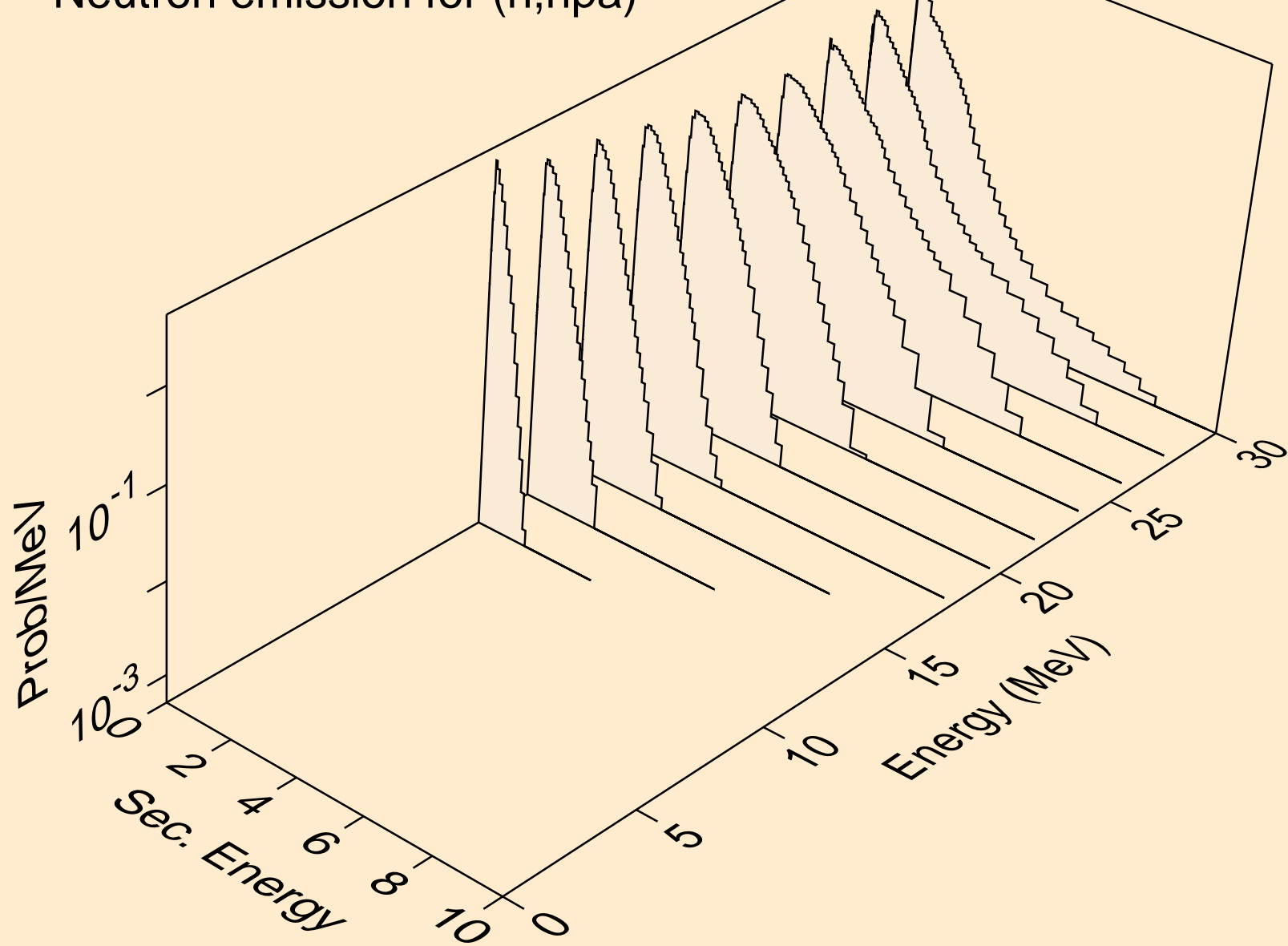
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Neutron emission for (n,3np)



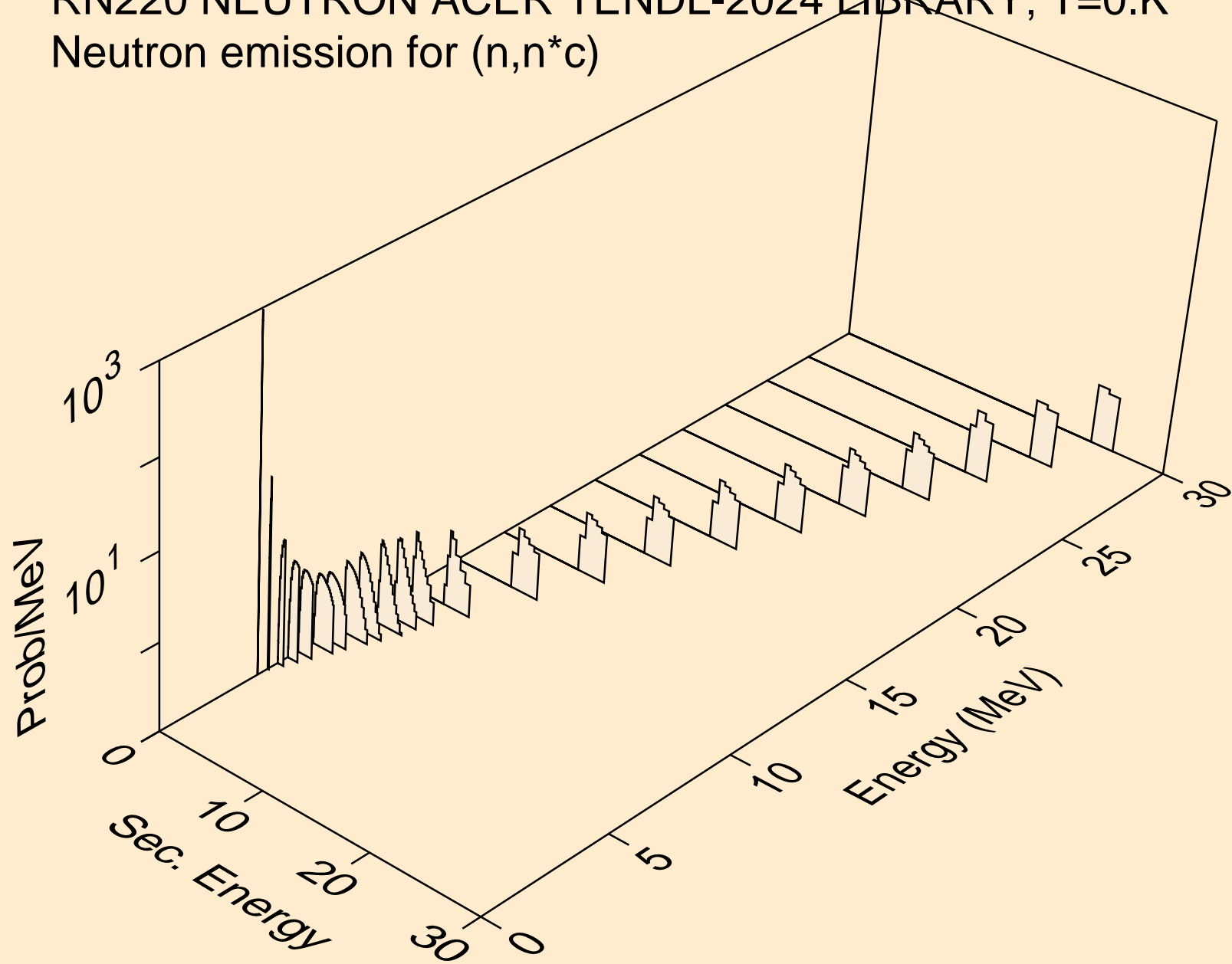
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Neutron emission for (n,n2p)



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Neutron emission for (n,npa)

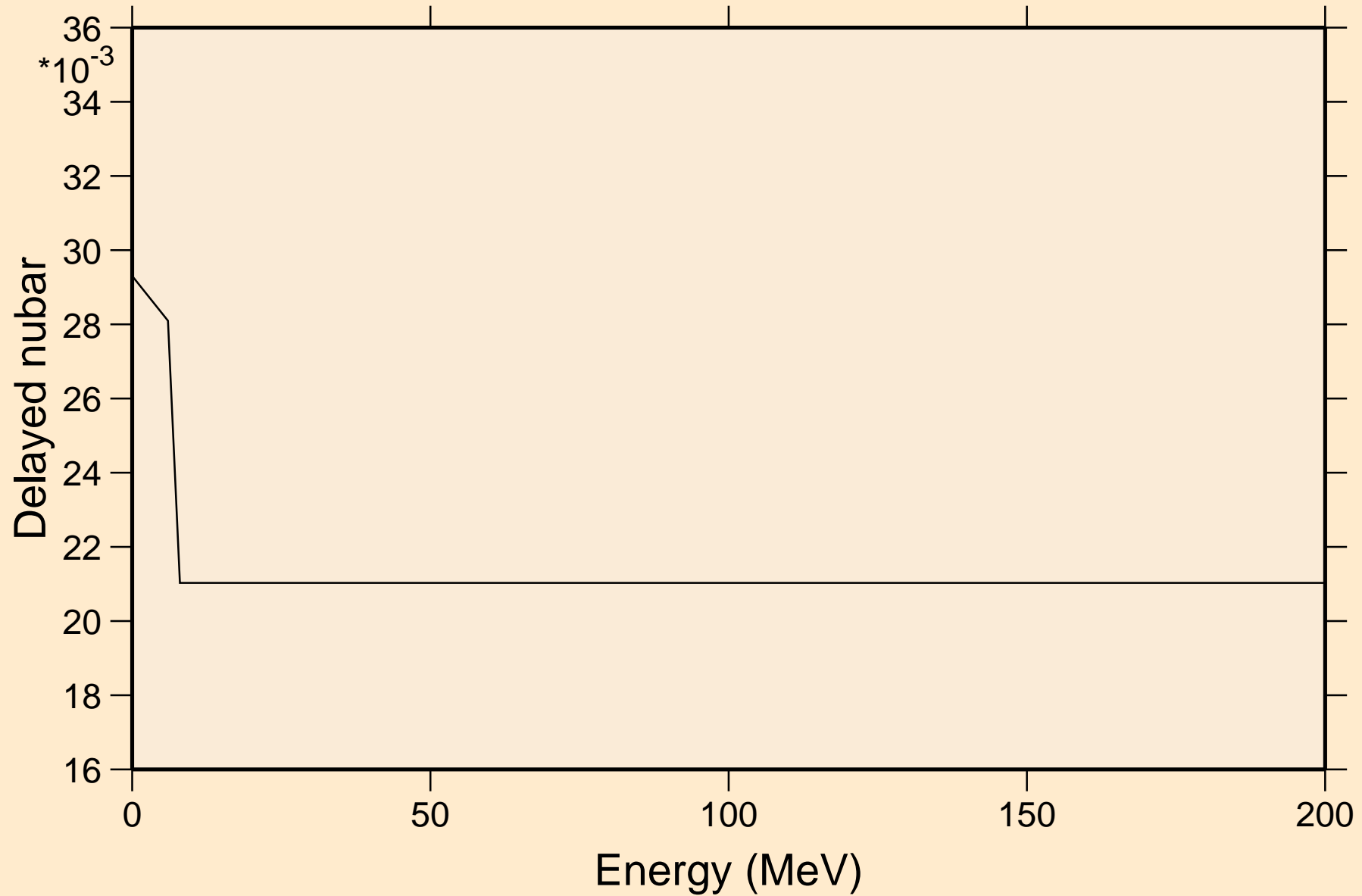


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Neutron emission for (n,n\*c)



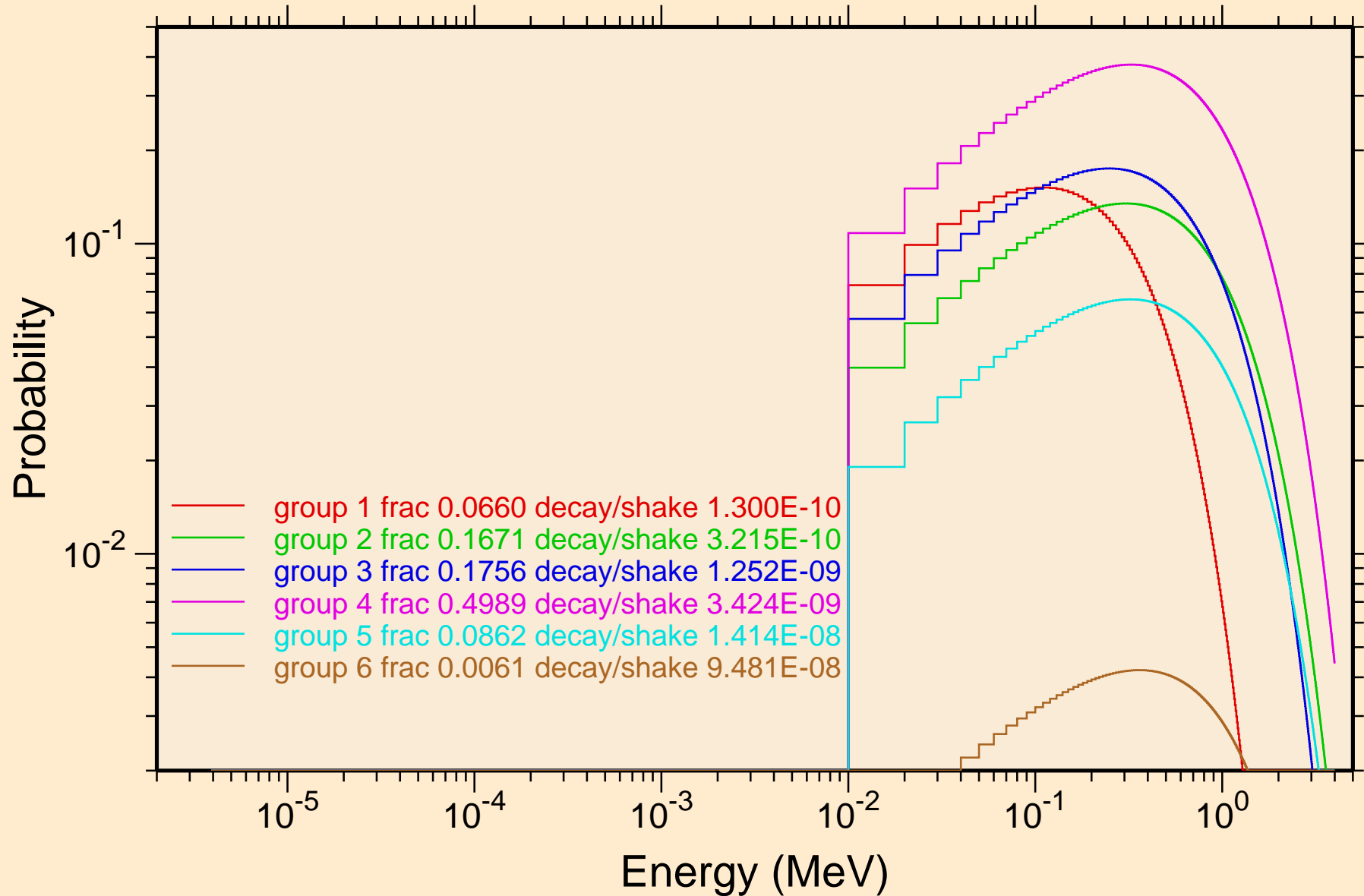
# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed nubar

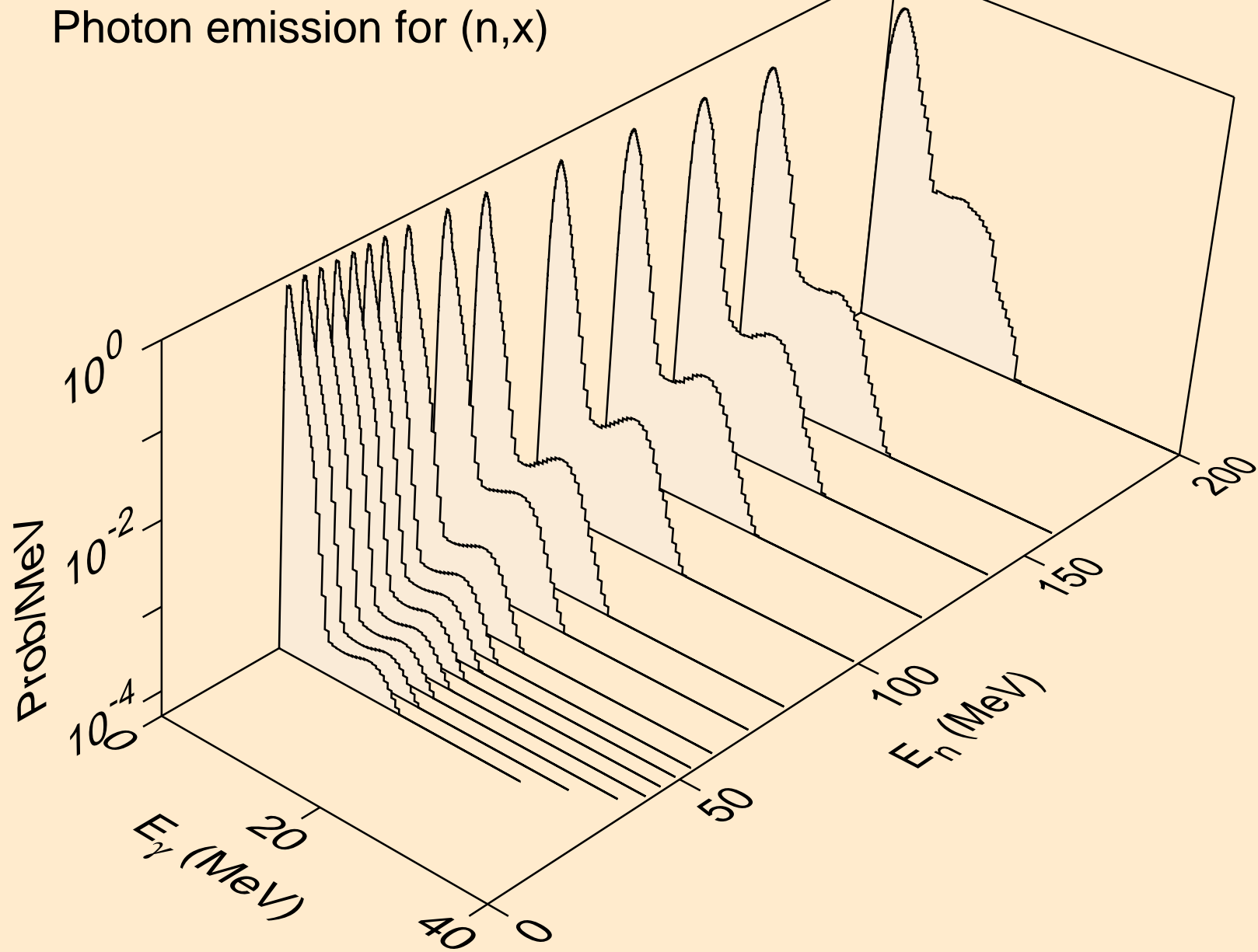


# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

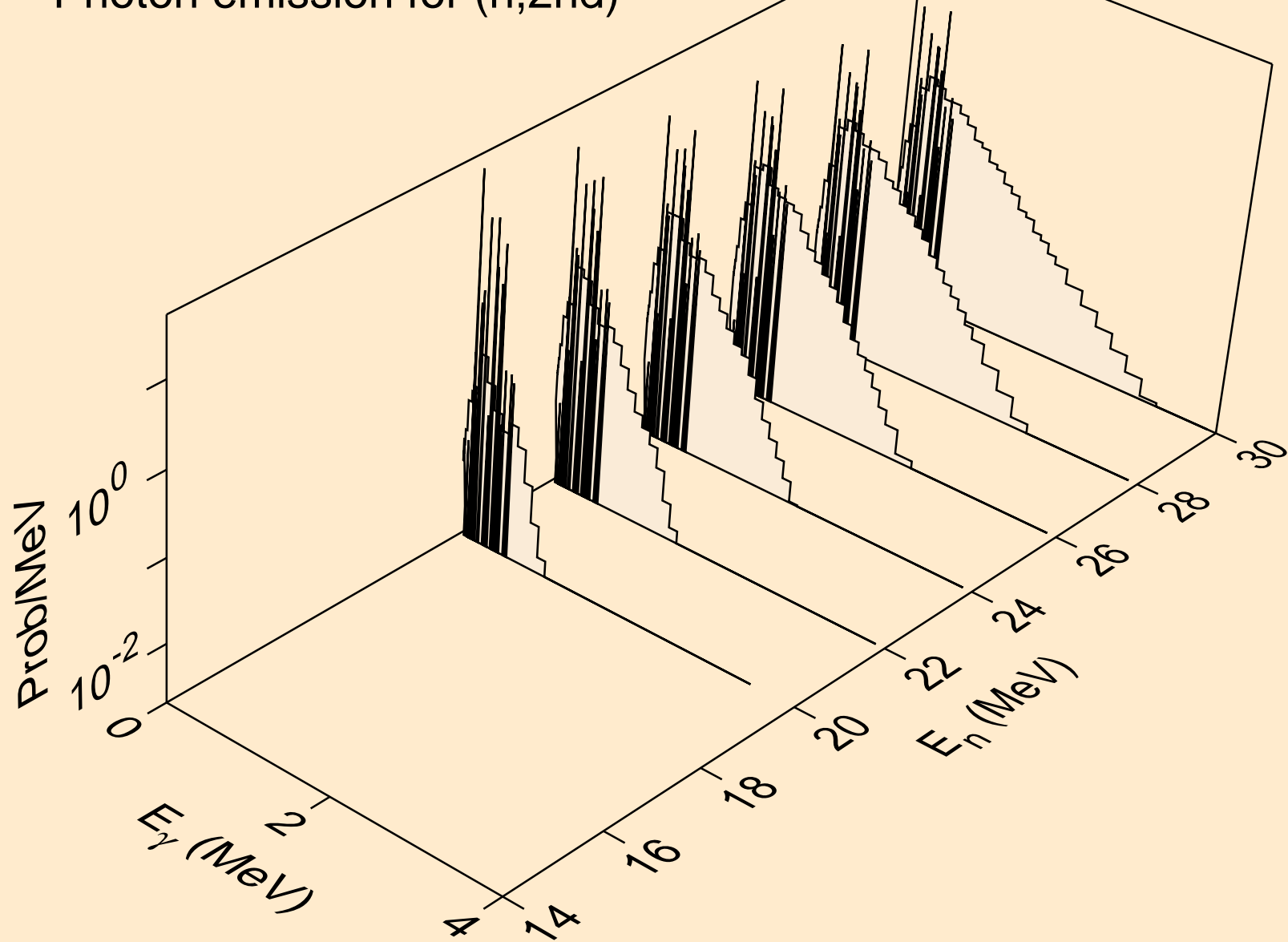
## Delayed neutron spectra



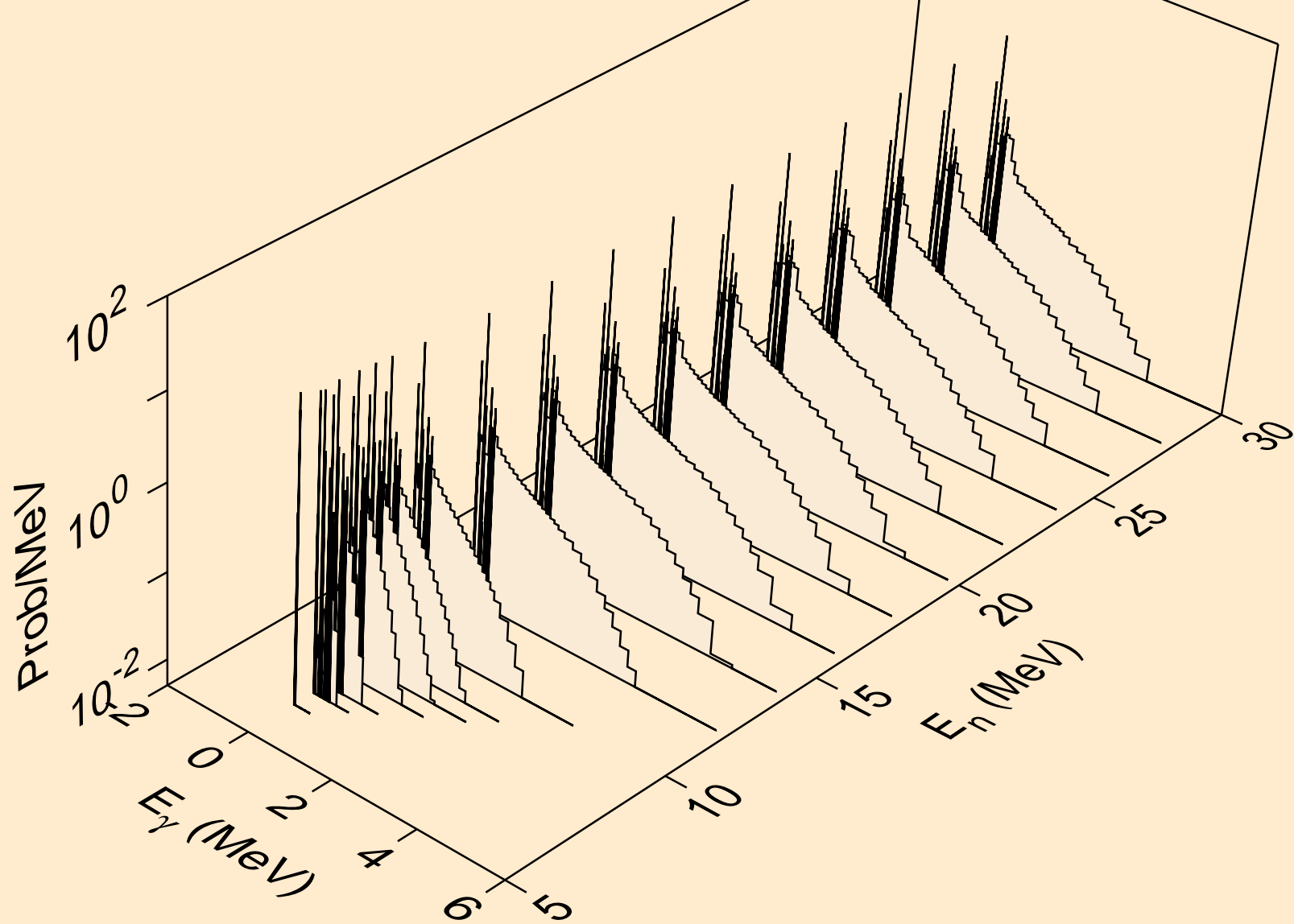
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



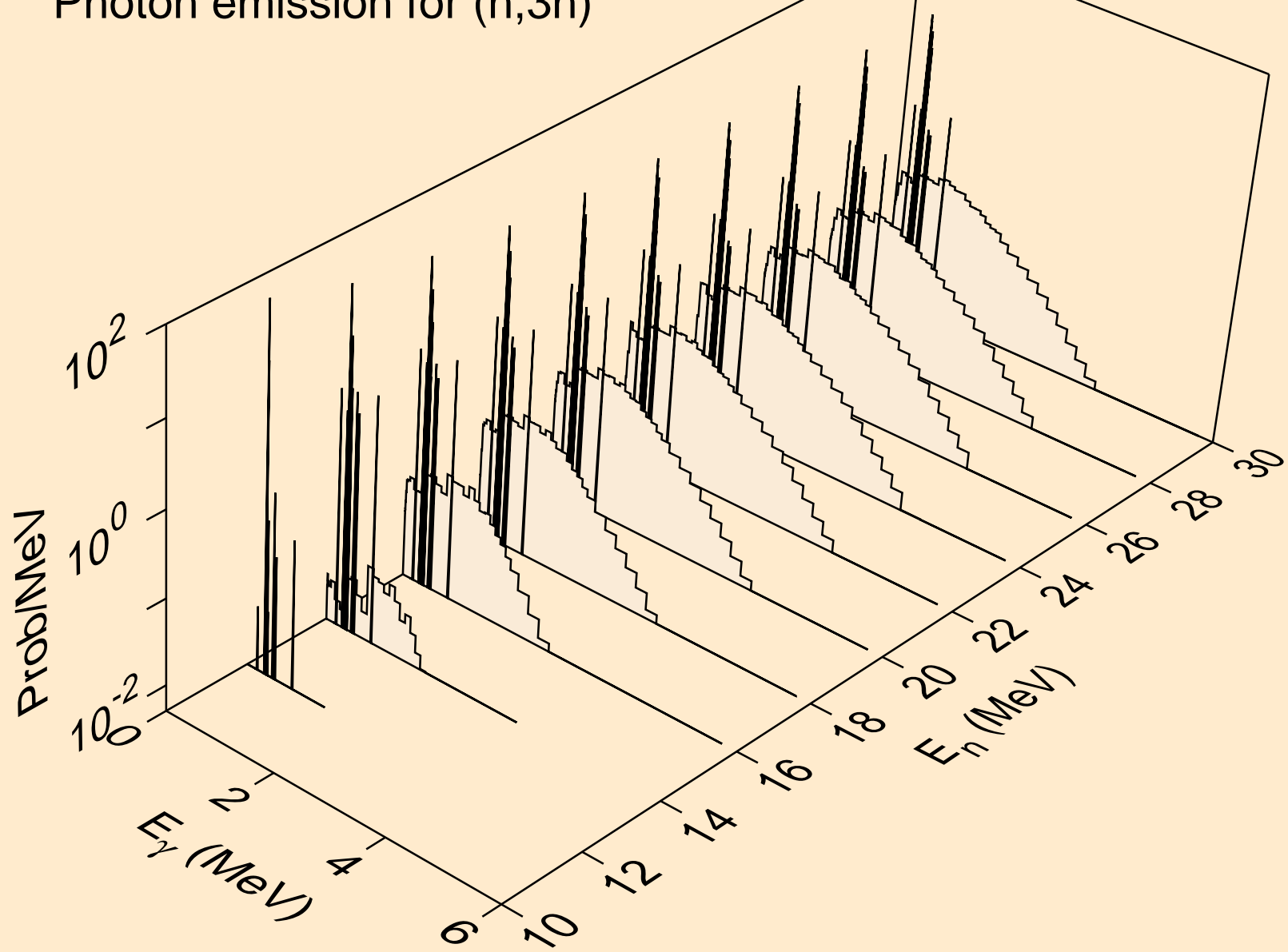
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



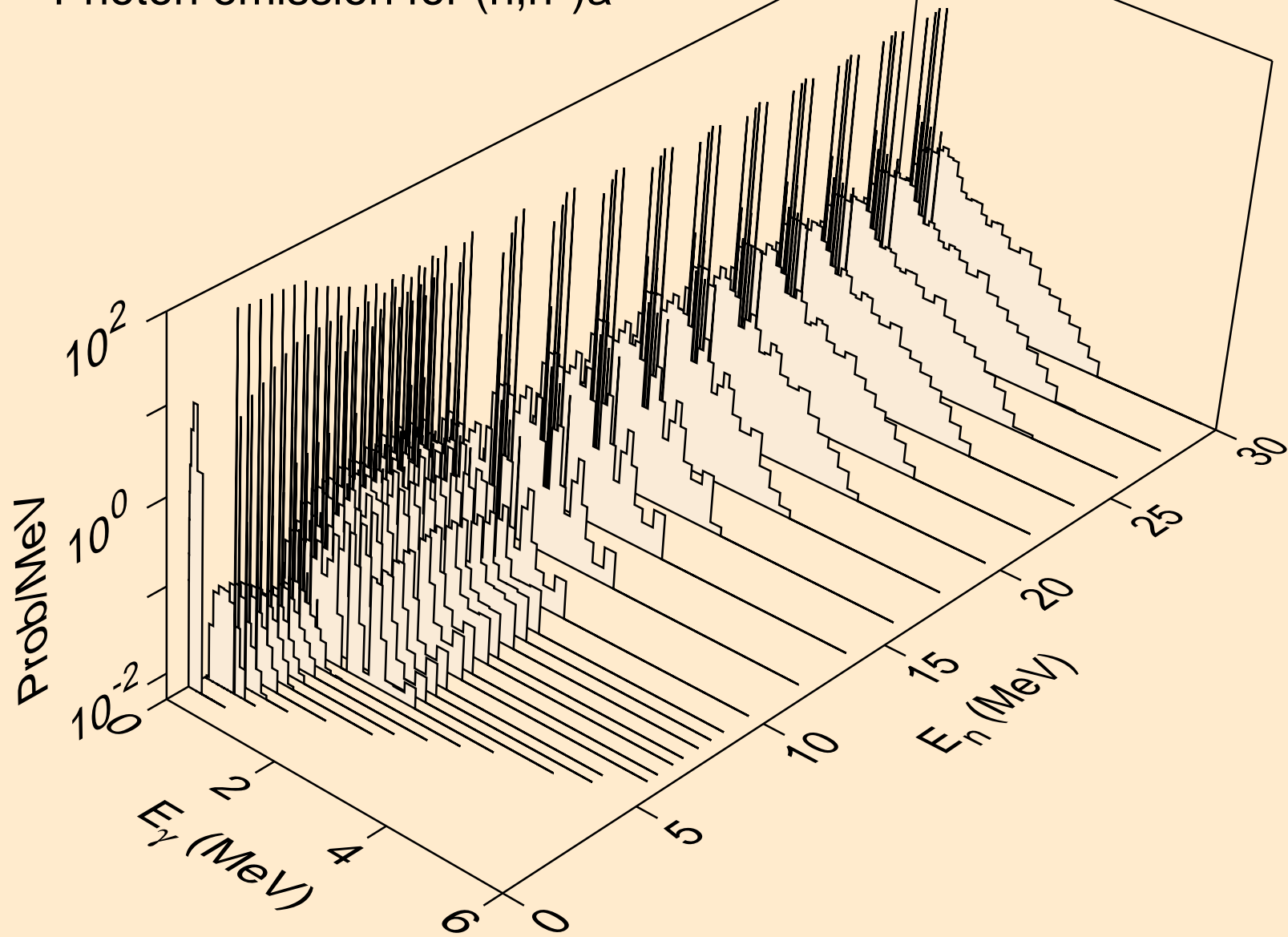
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



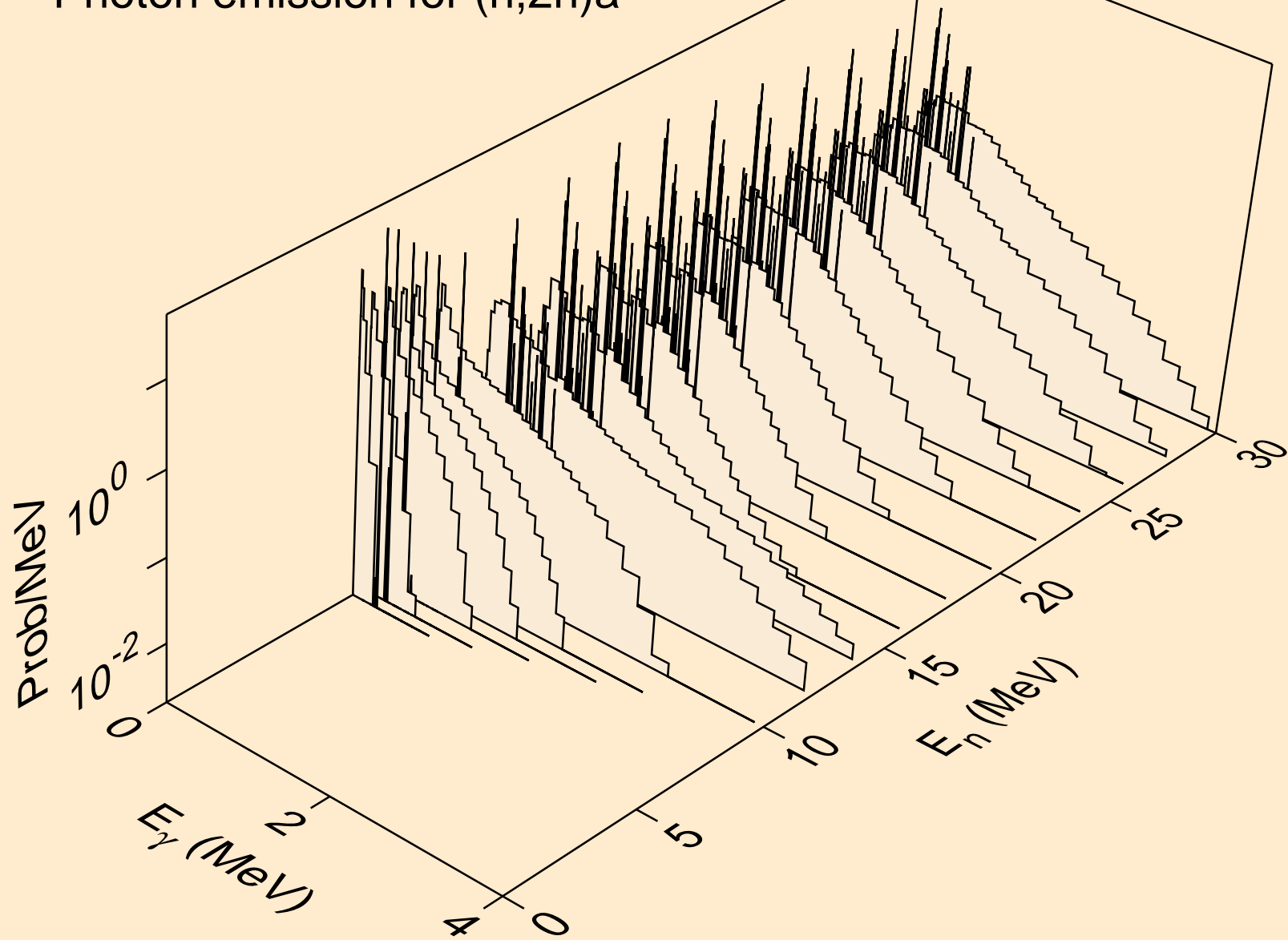
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



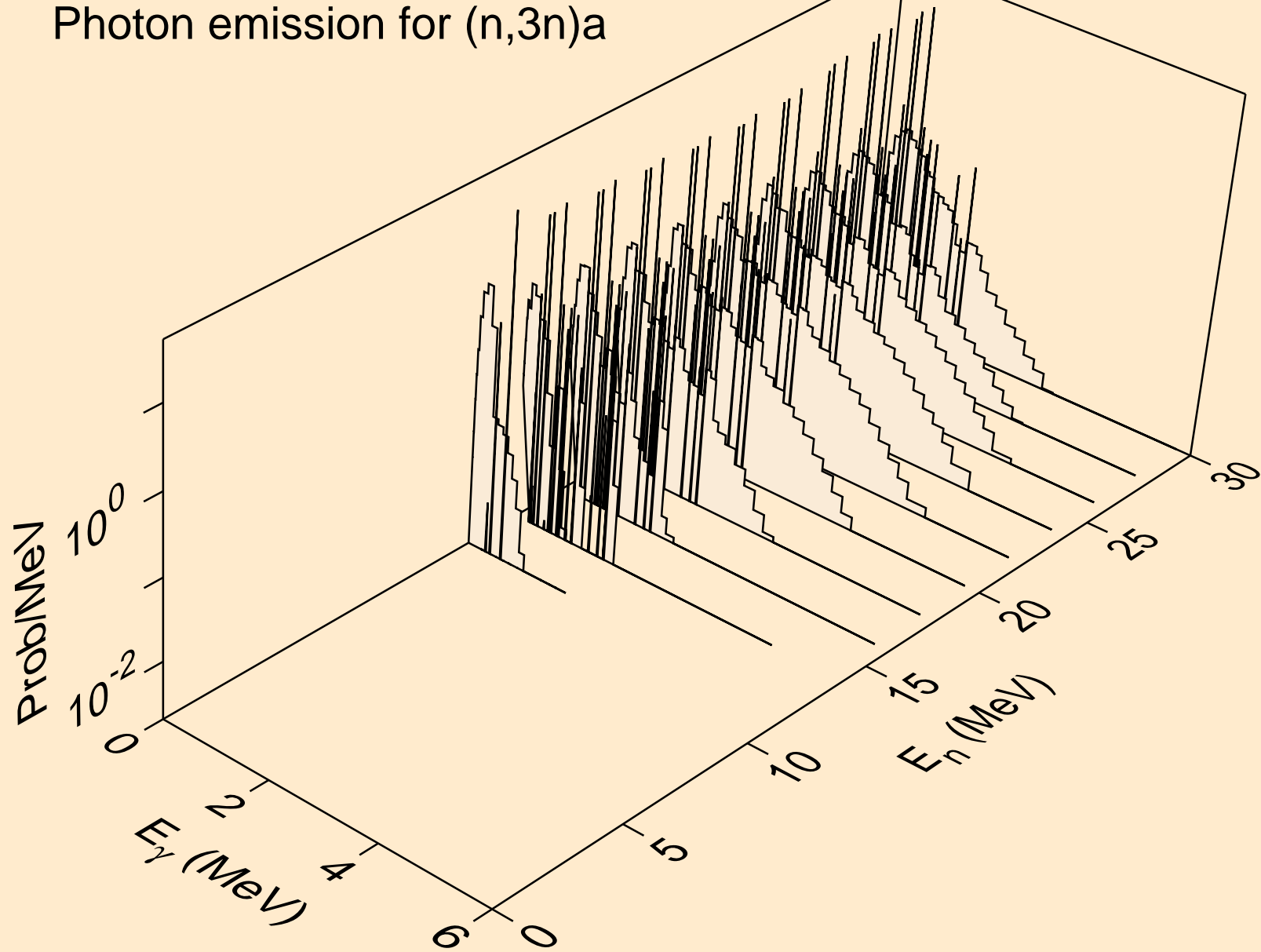
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Photon emission for (n,n\*)a



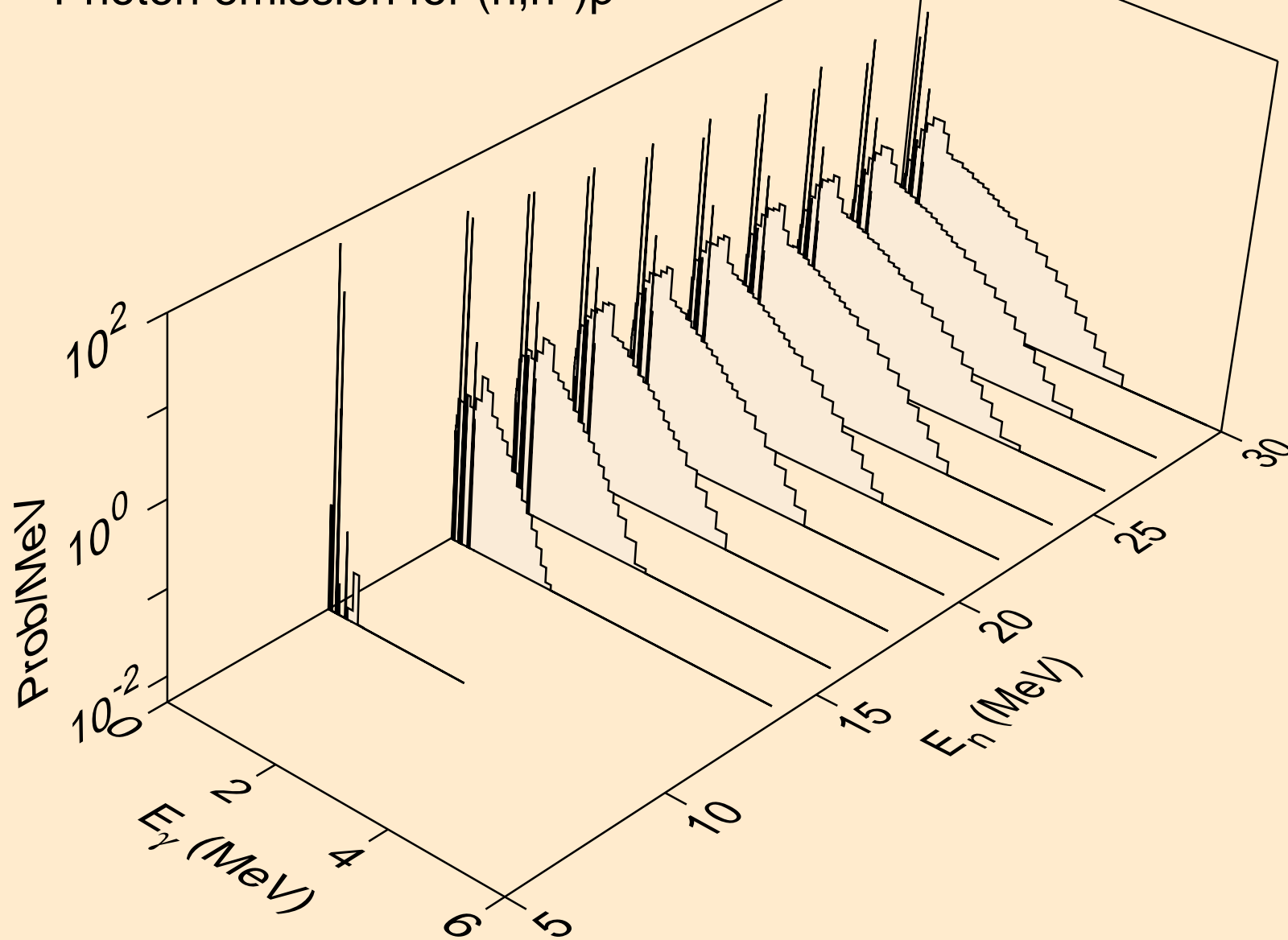
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



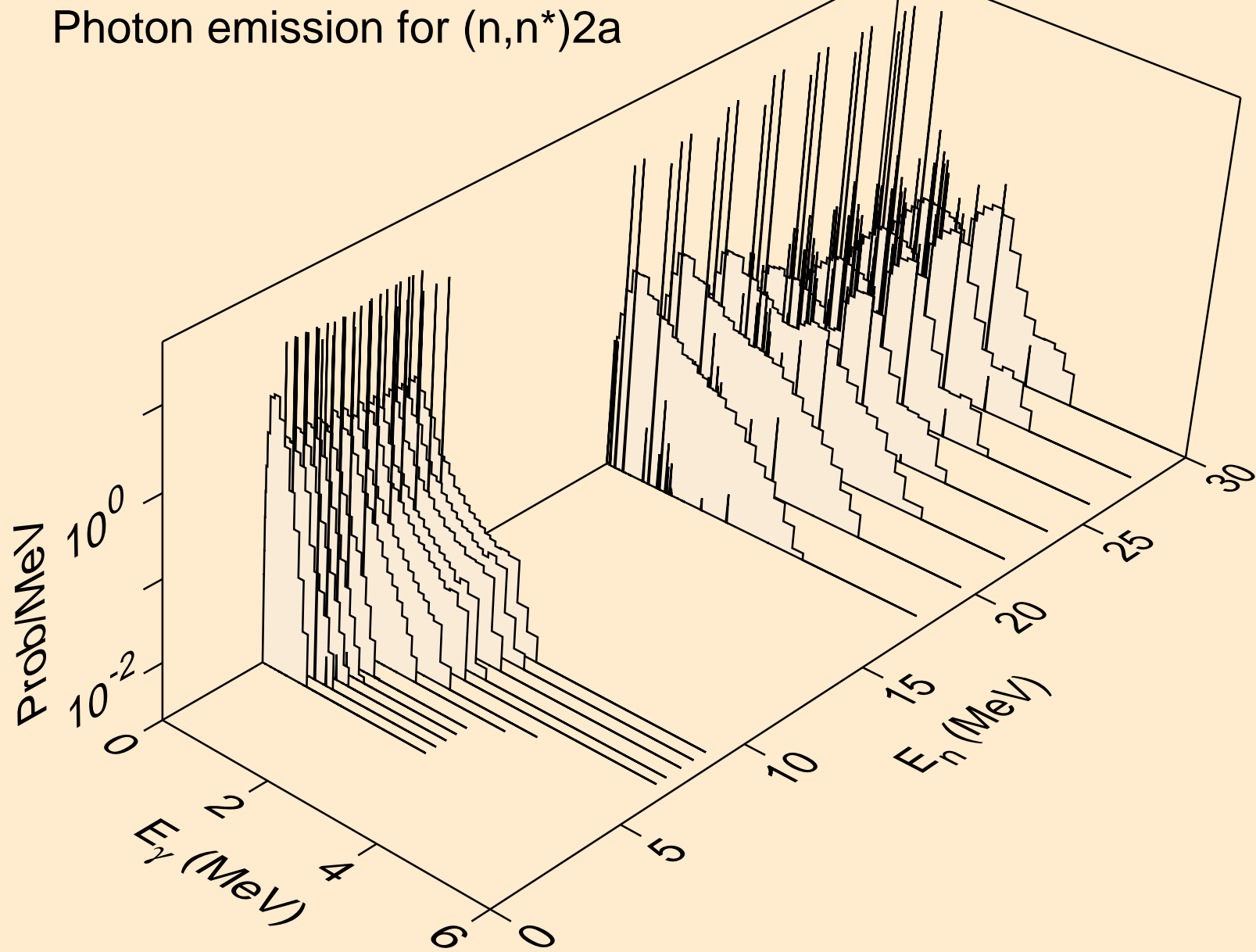
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Photon emission for (n,3n)a



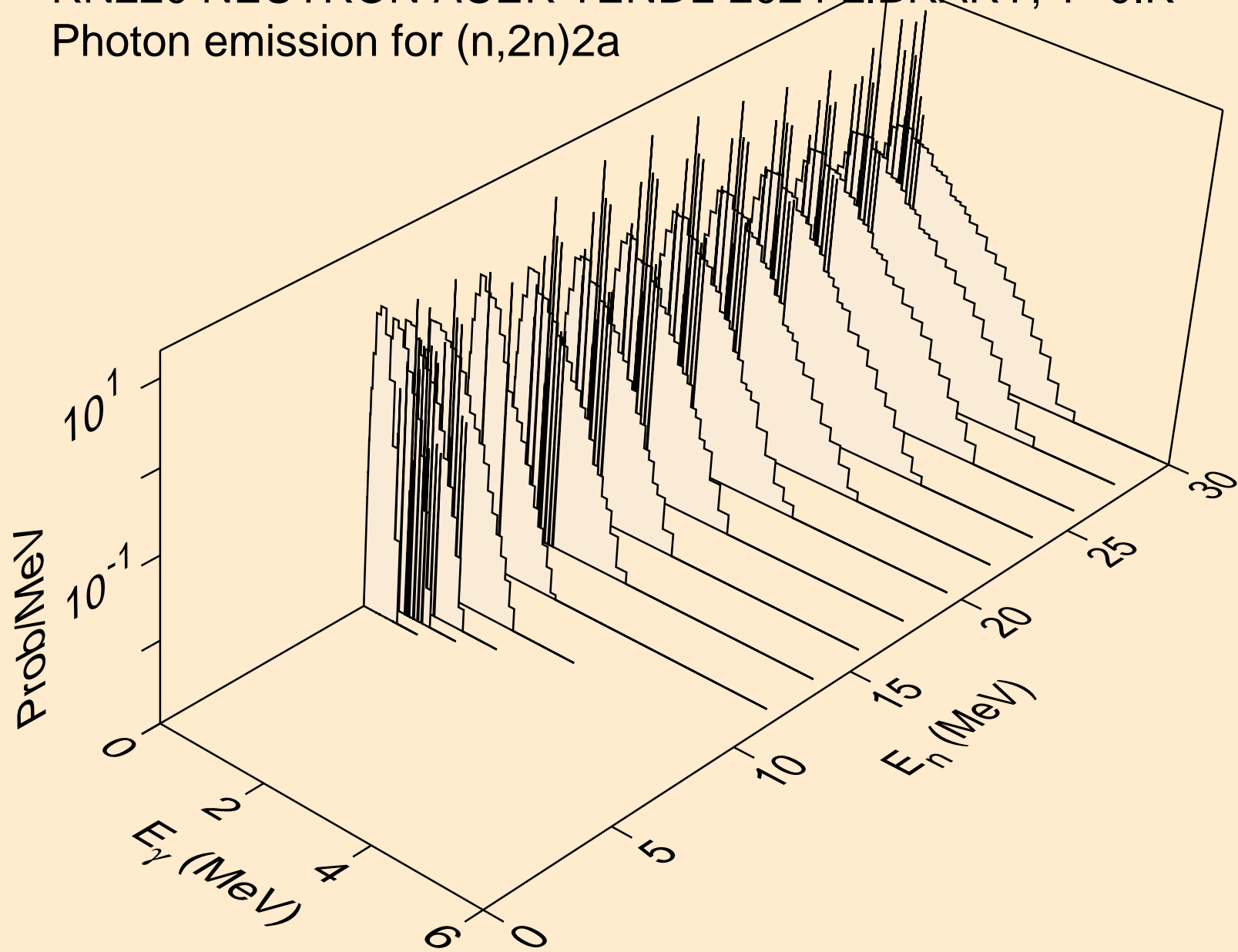
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



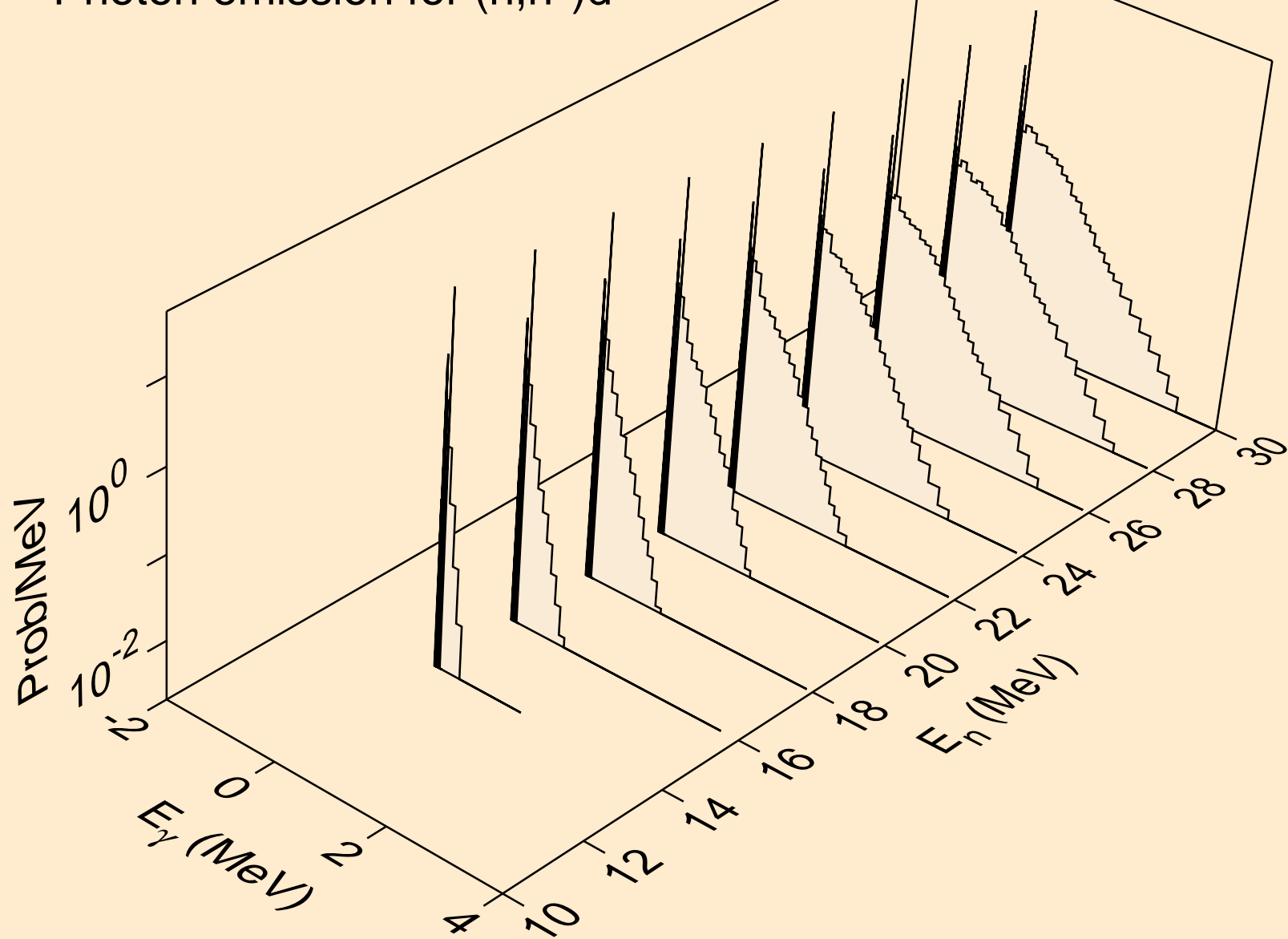
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



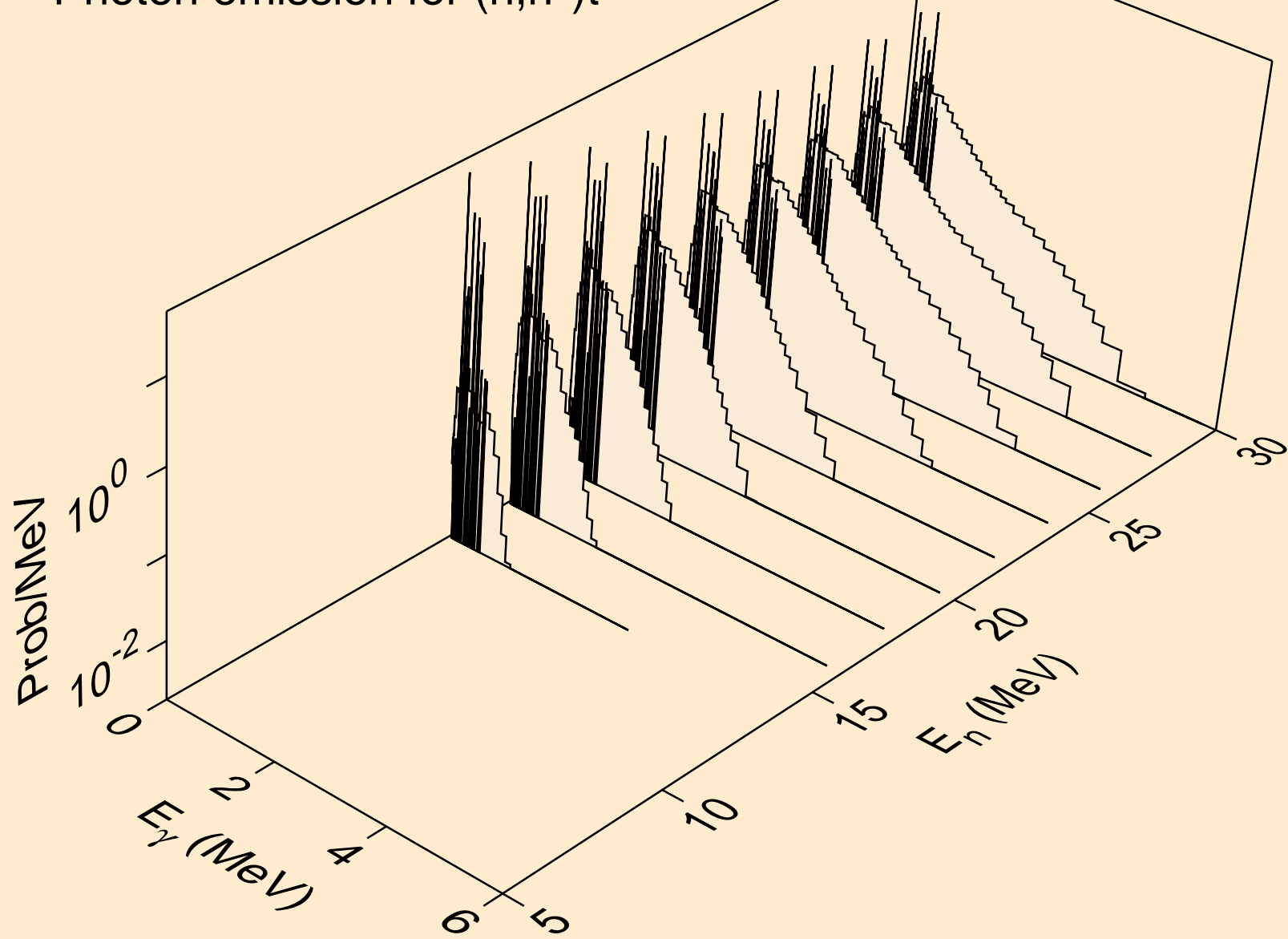
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



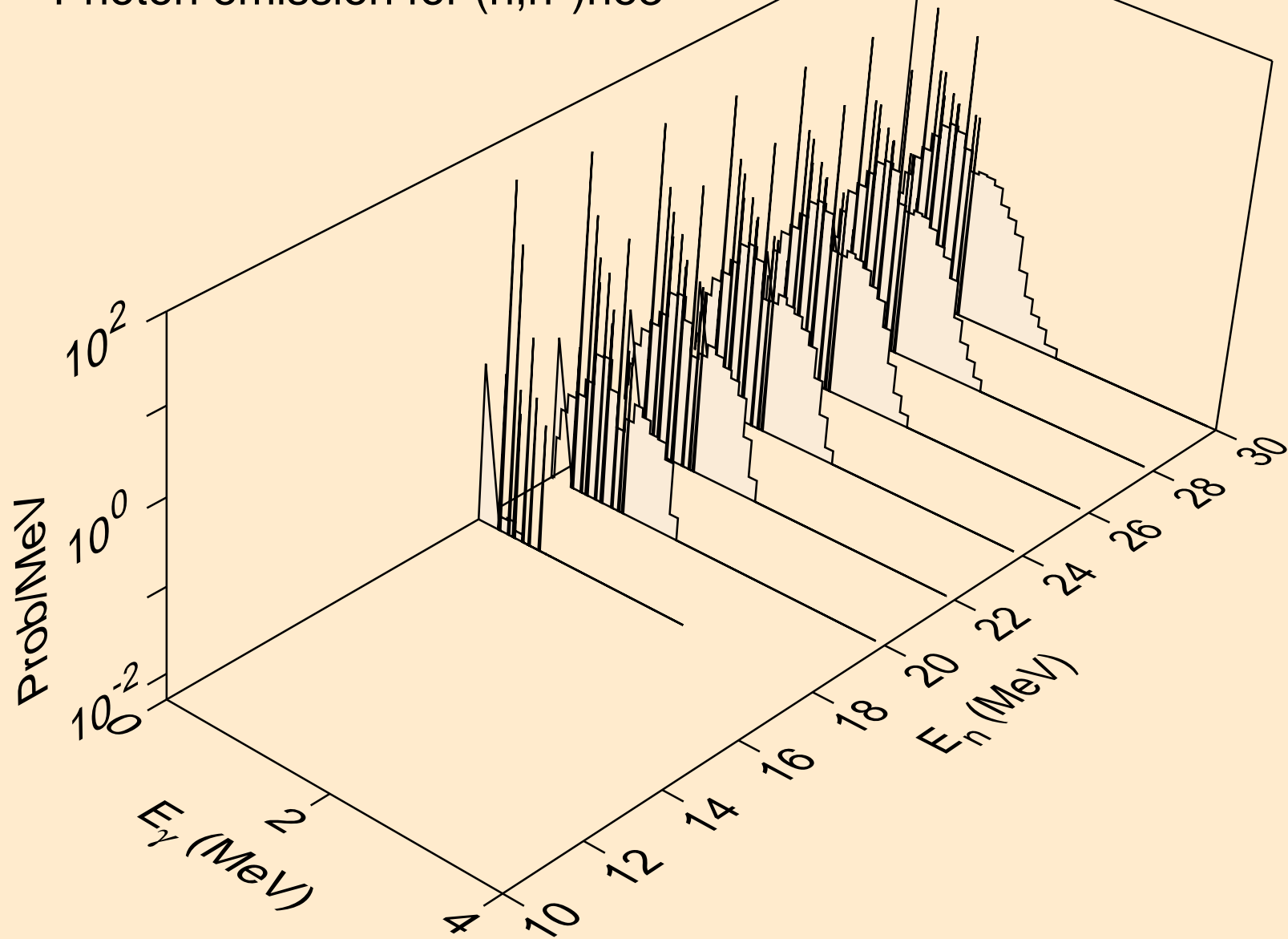
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



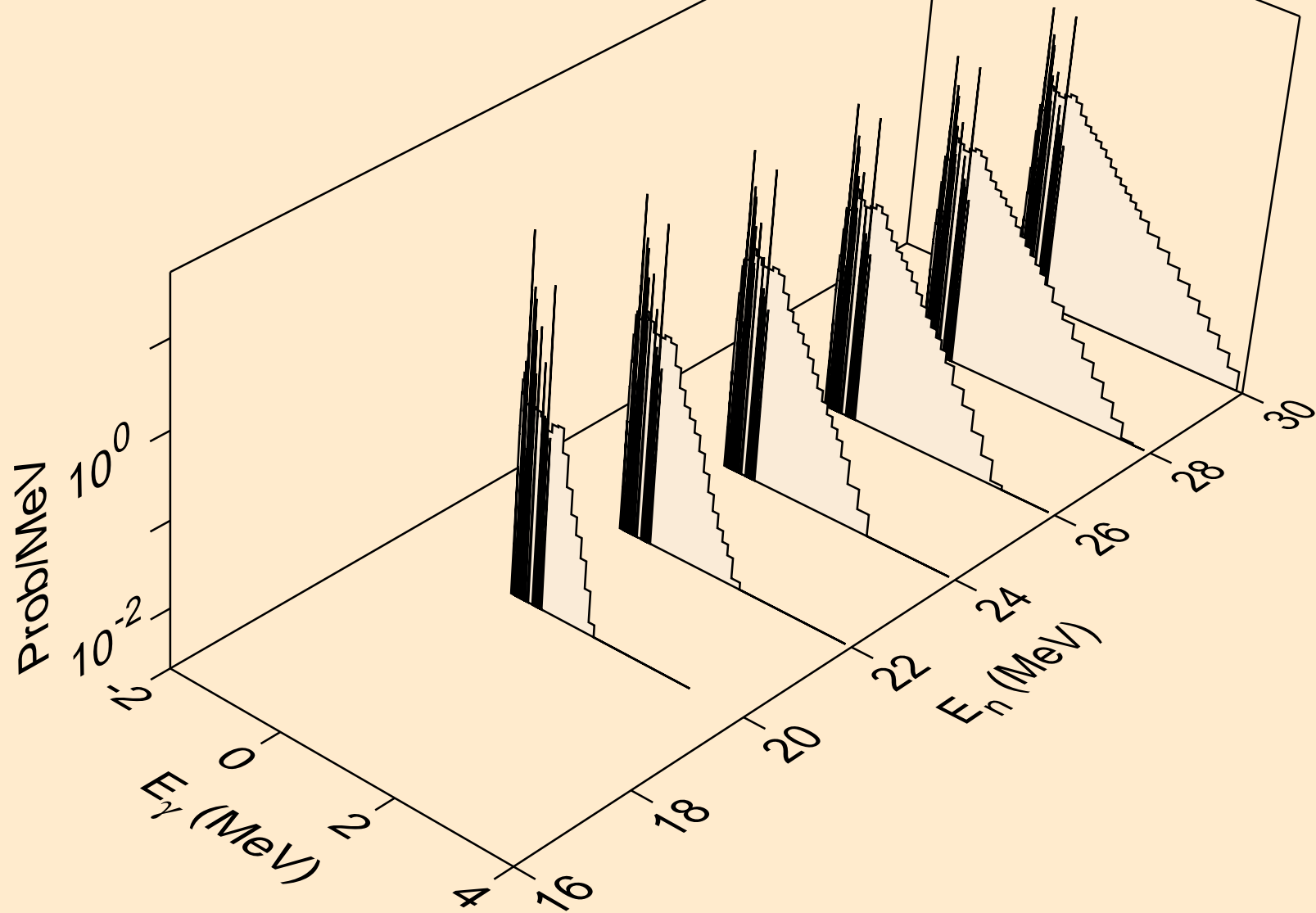
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



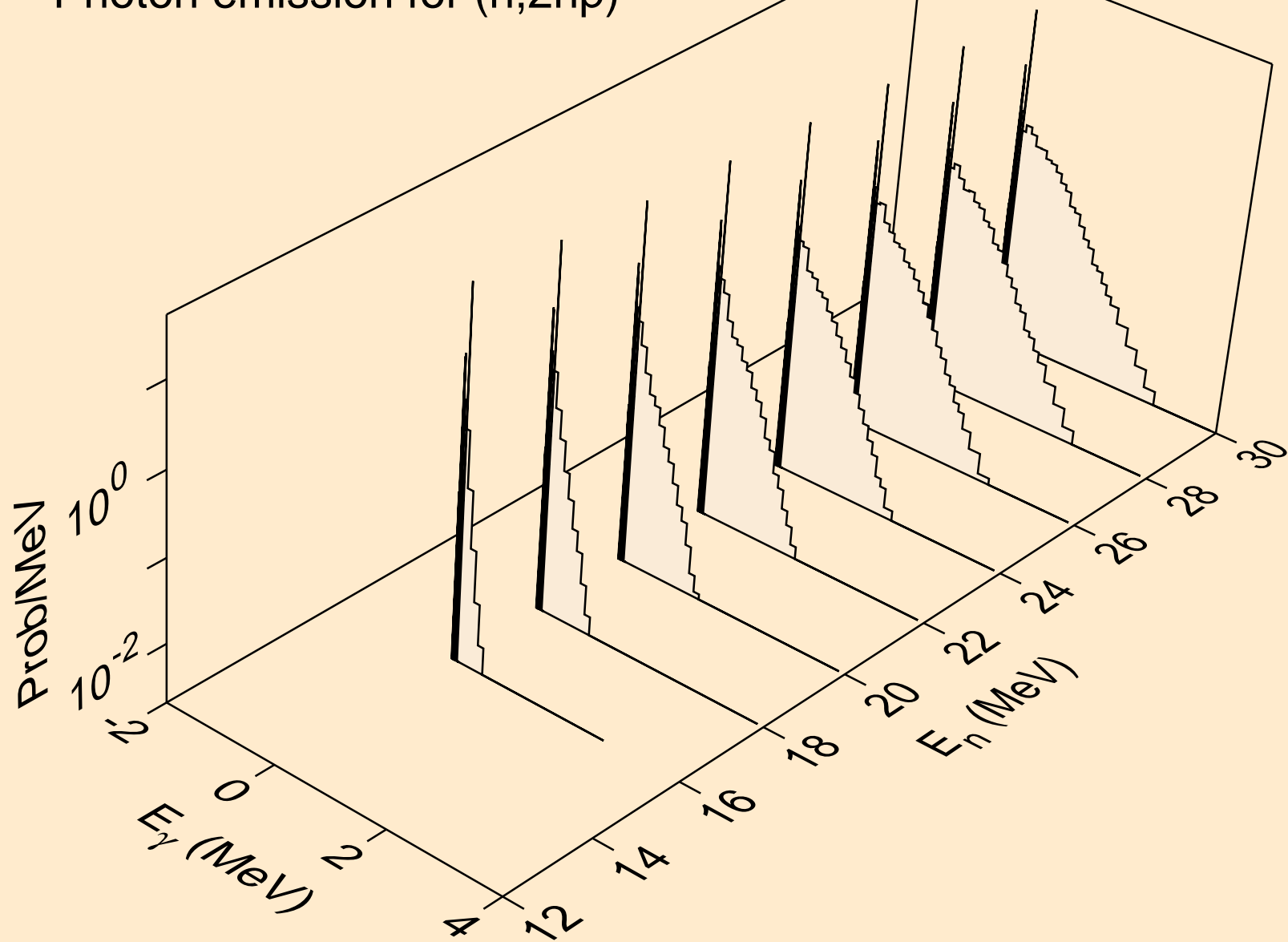
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



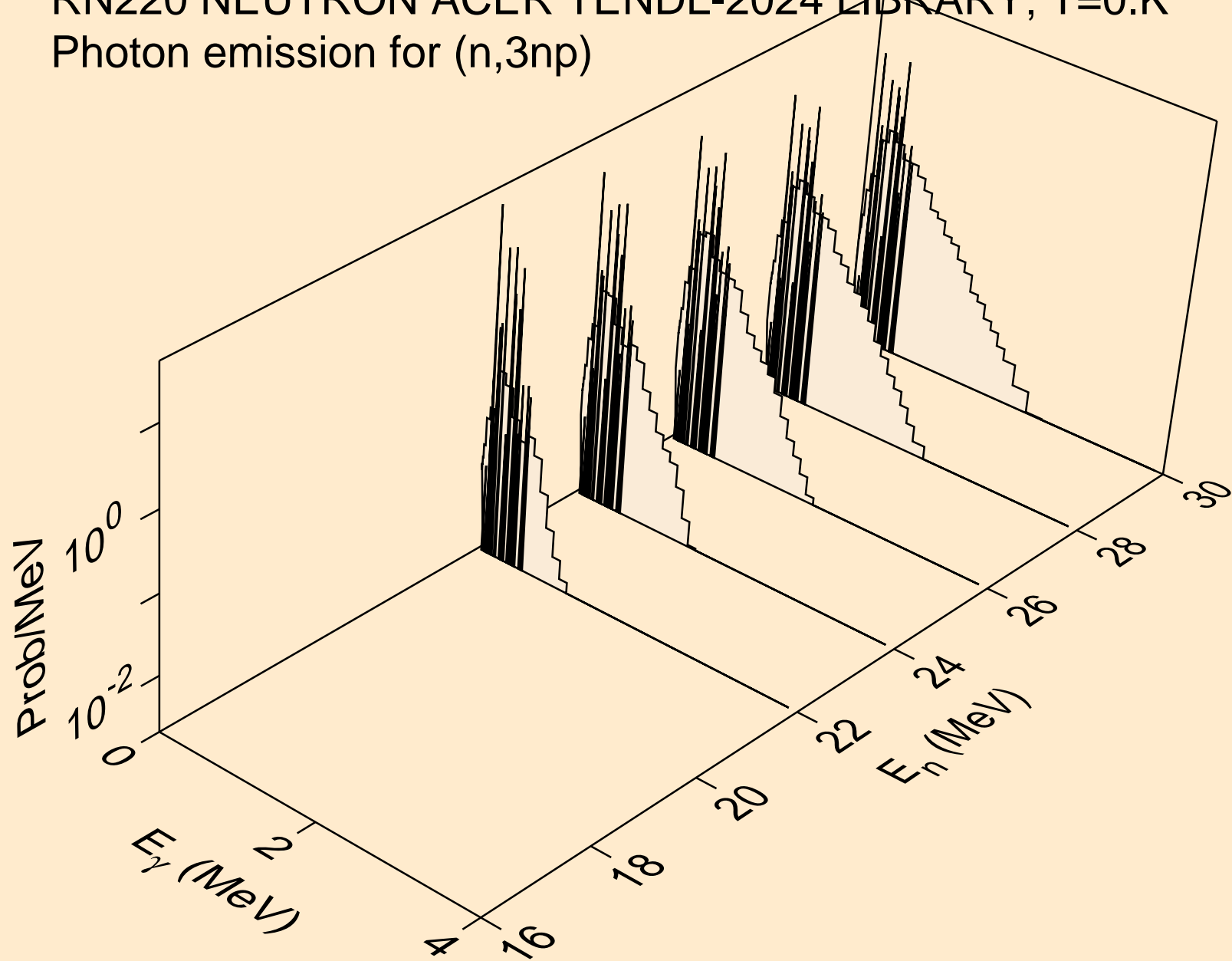
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Photon emission for (n,4n)



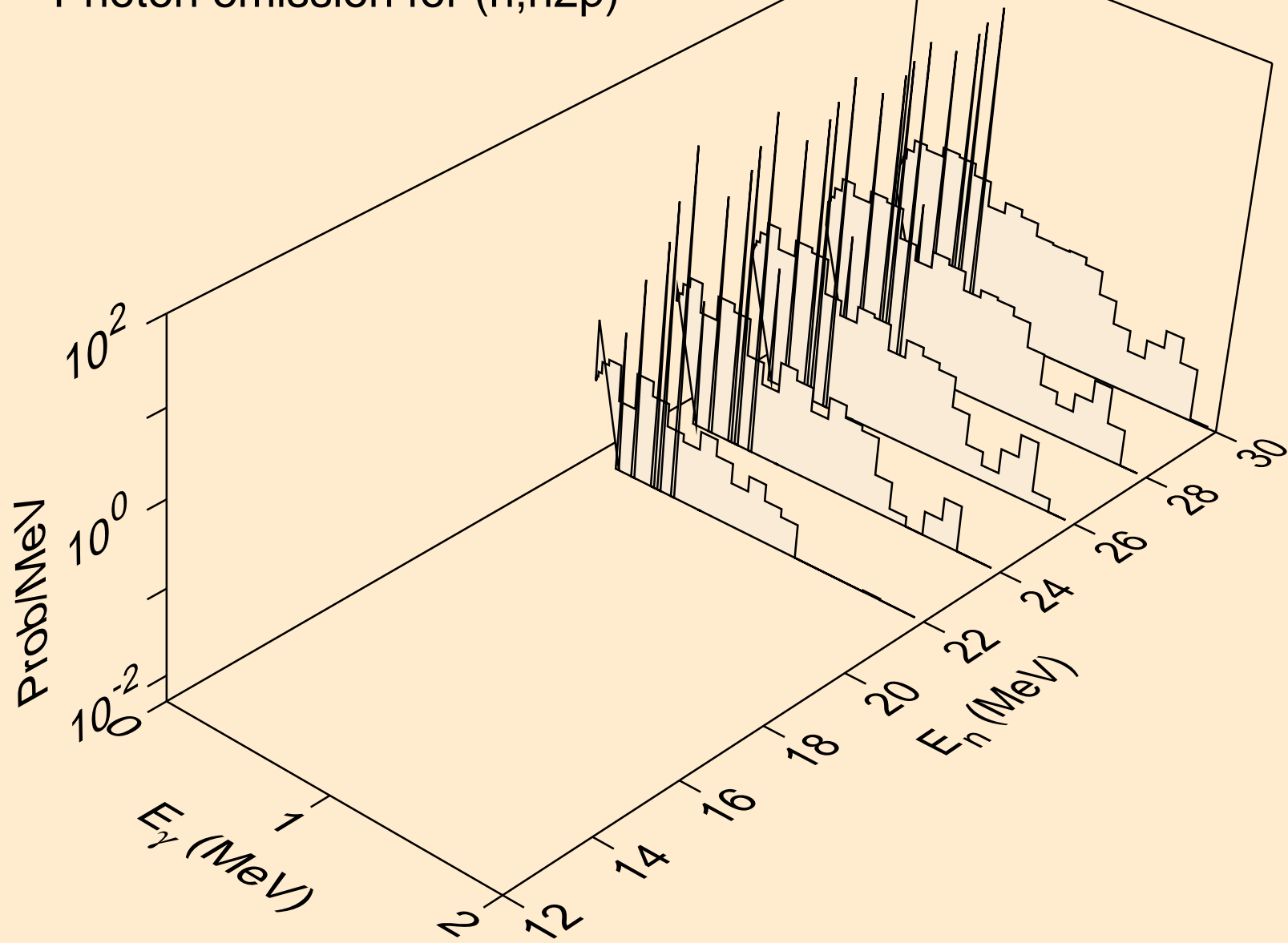
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Photon emission for (n,2np)



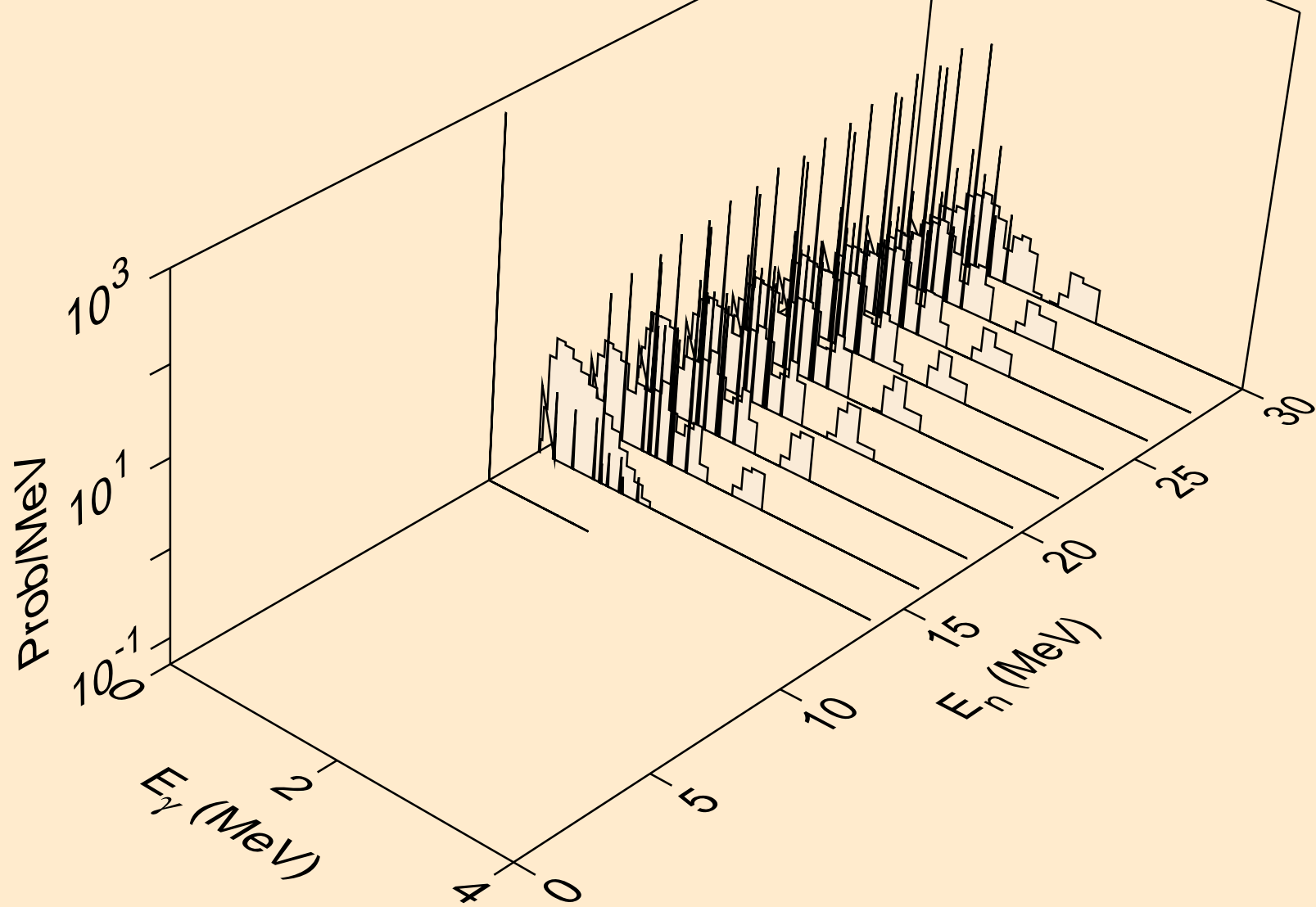
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Photon emission for (n,3np)



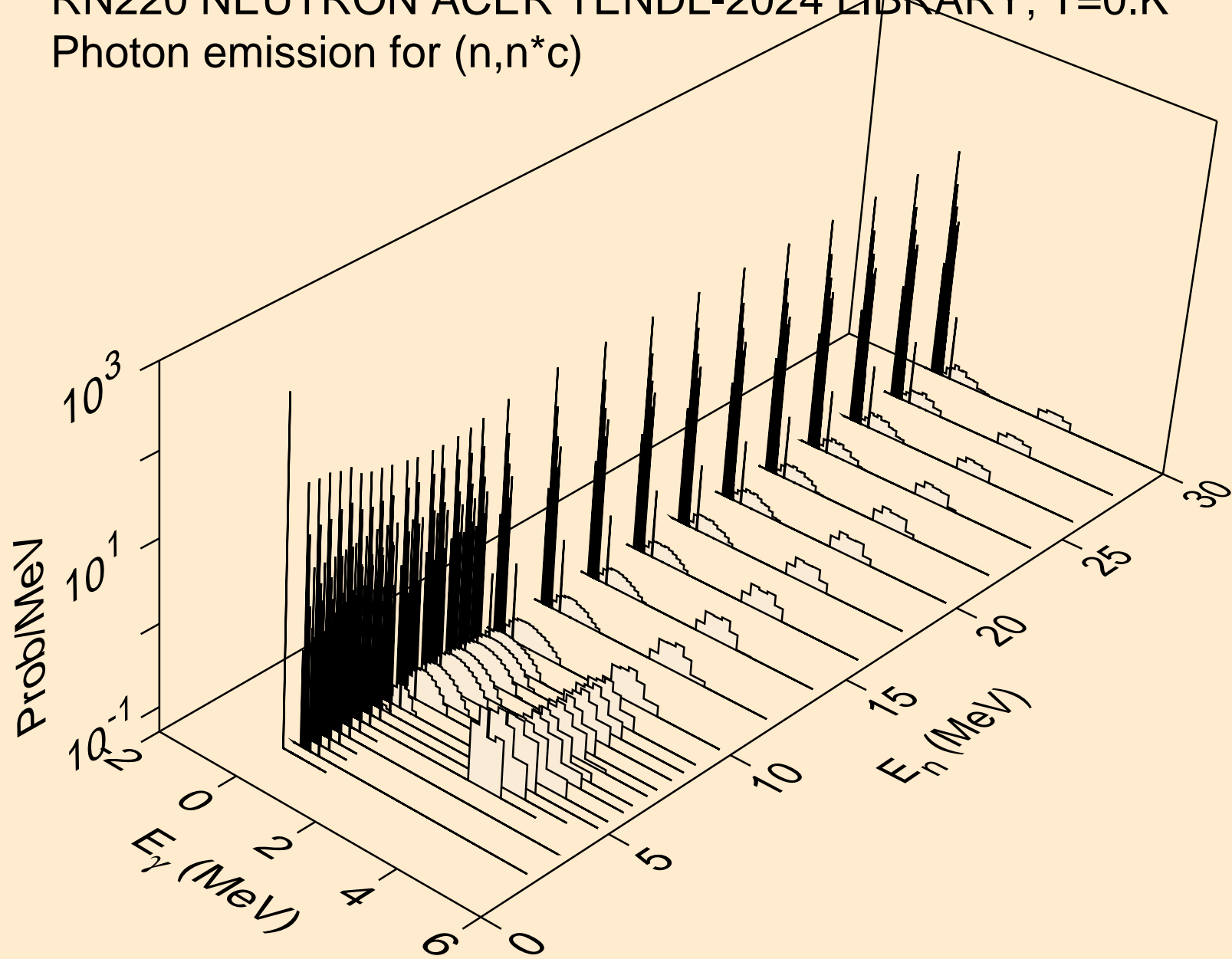
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Photon emission for (n,n2p)



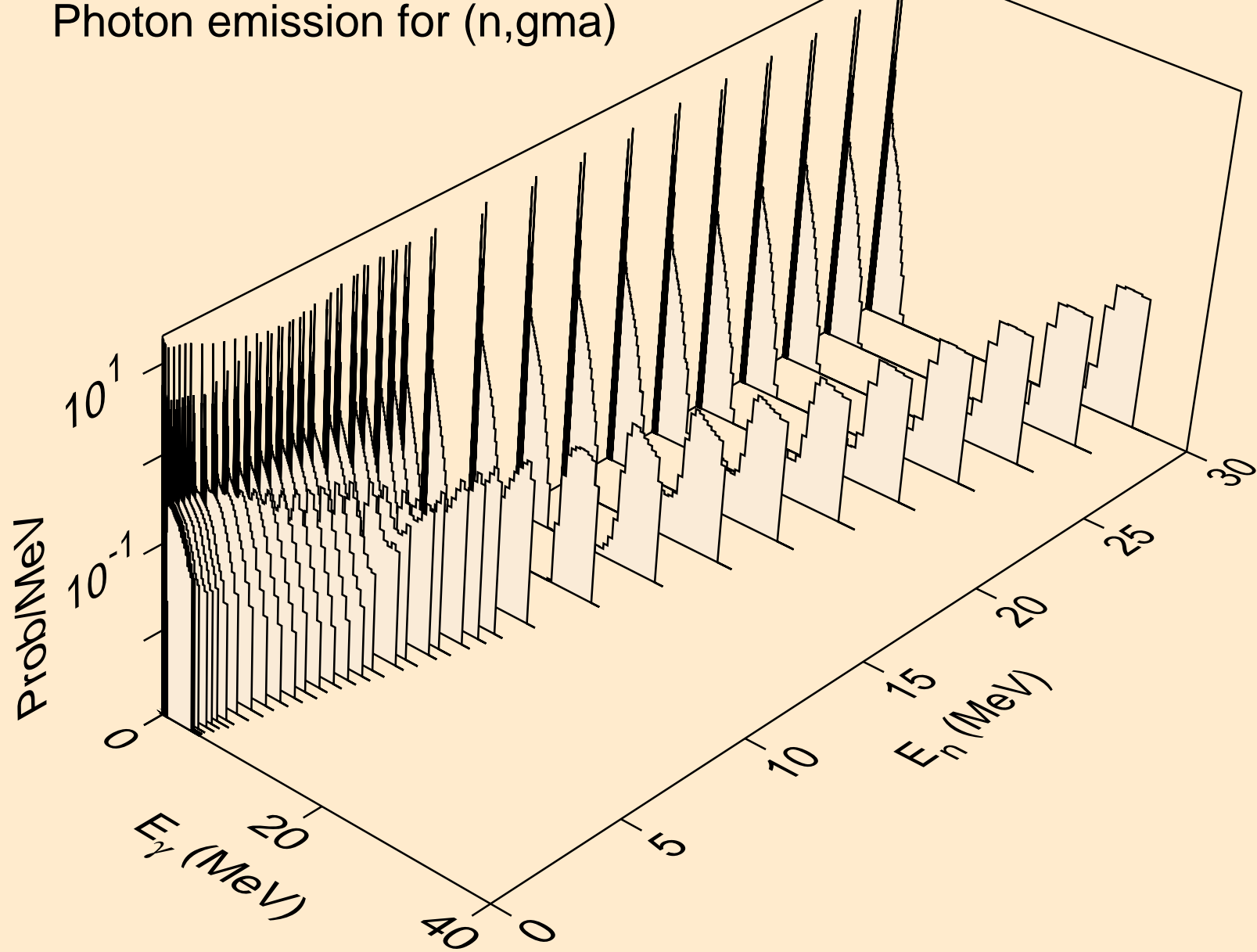
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Photon emission for (n,npa)



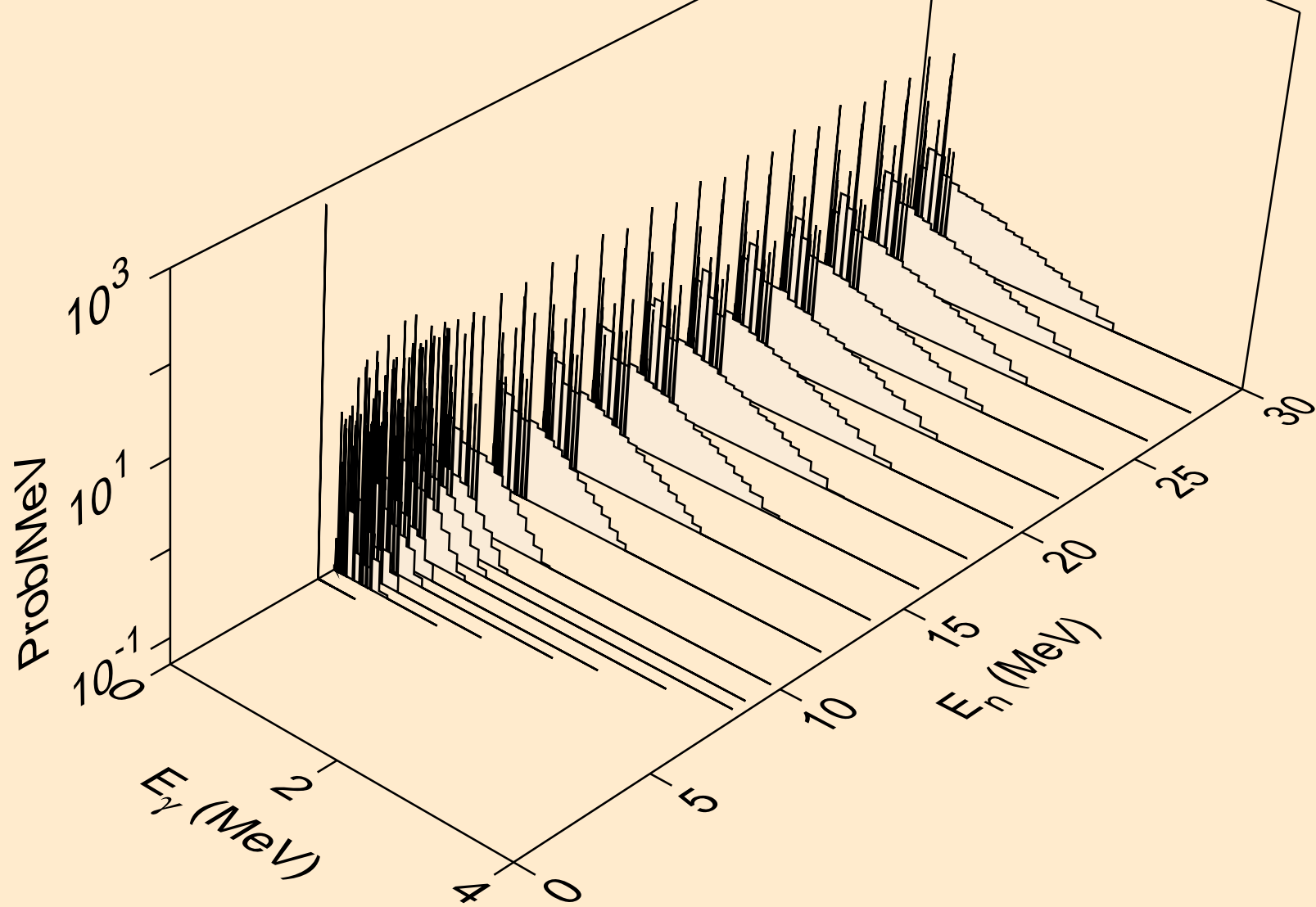
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Photon emission for (n,n\*c)



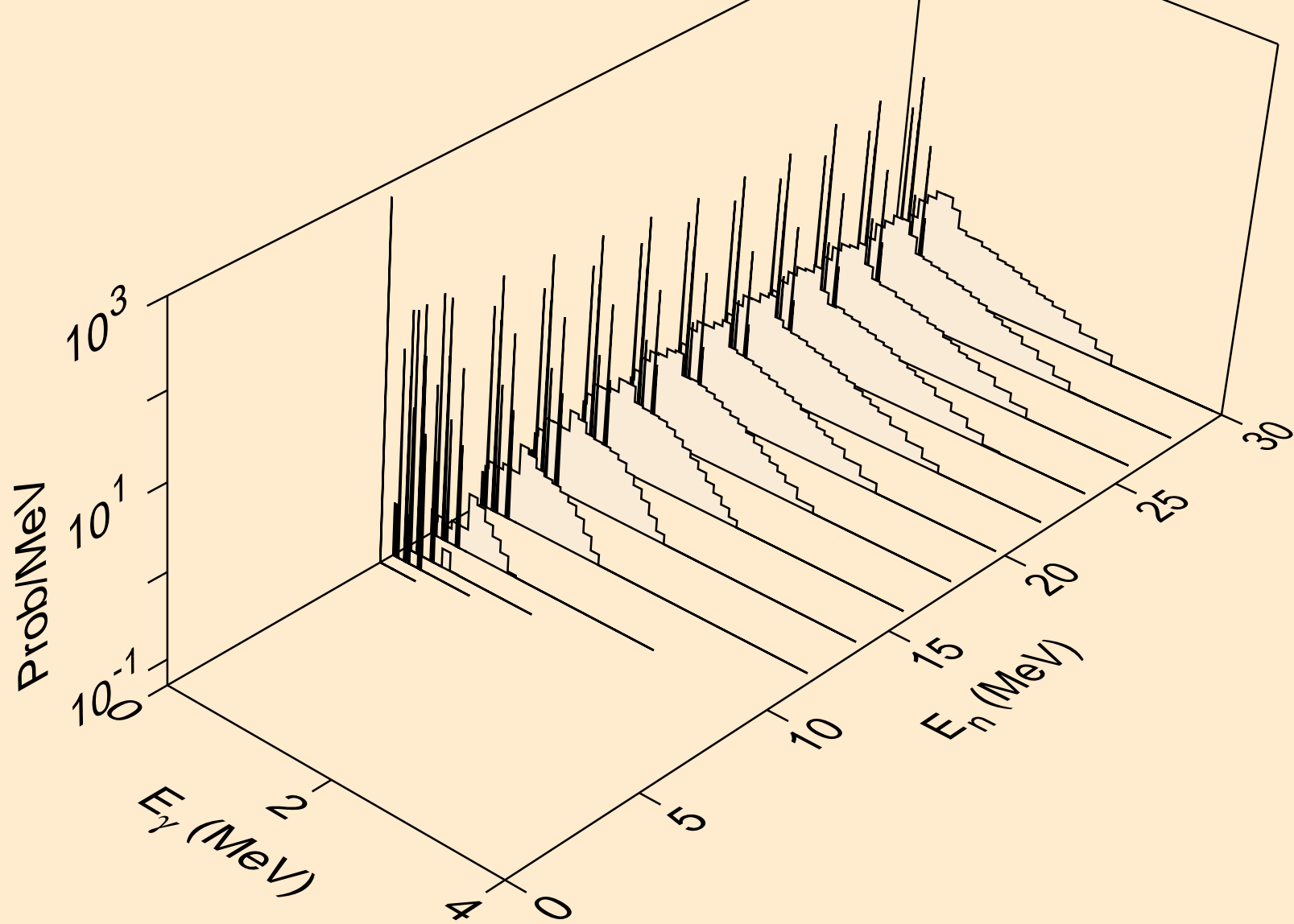
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Photon emission for (n,gma)



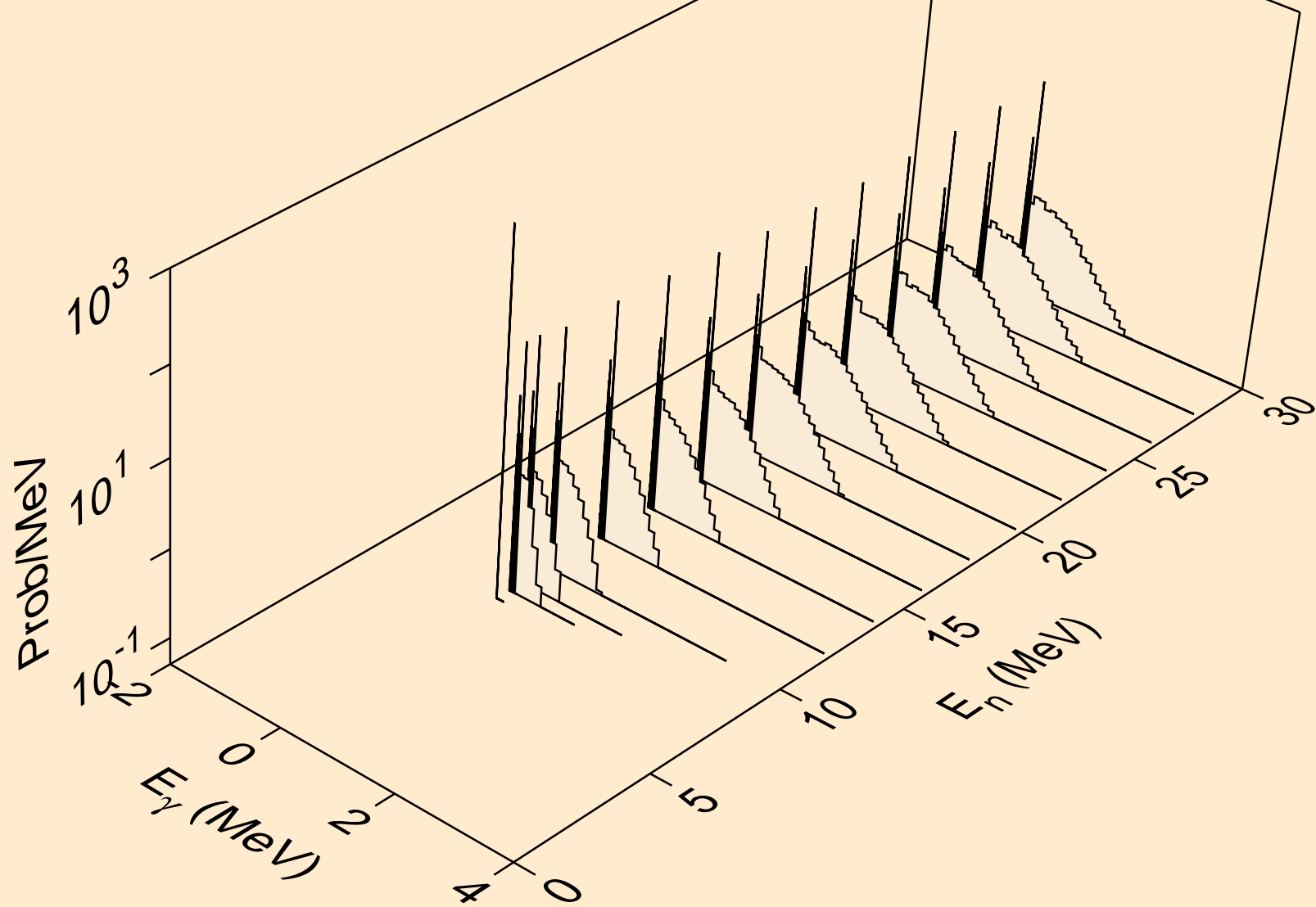
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Photon emission for (n,p)



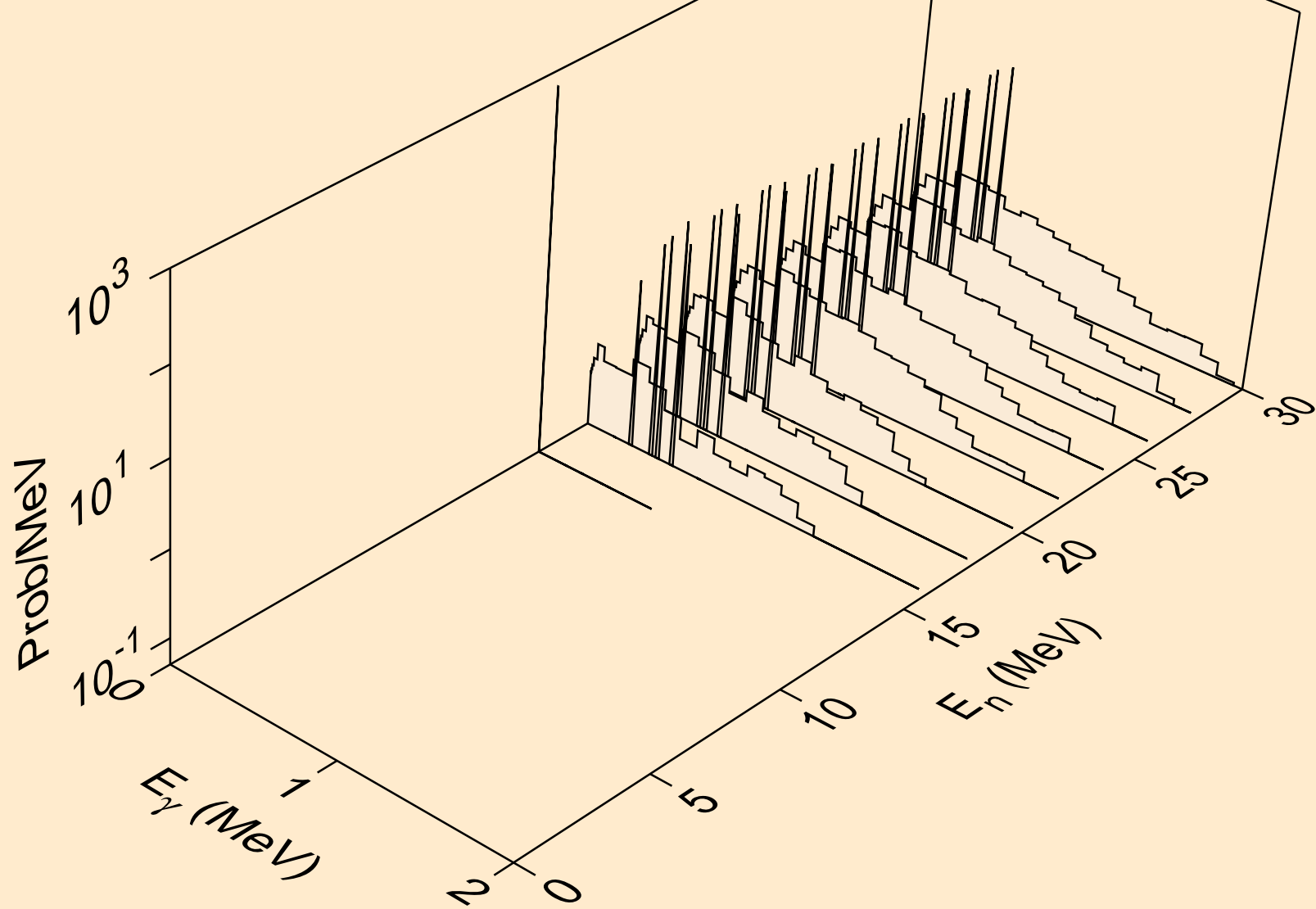
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Photon emission for (n,d)



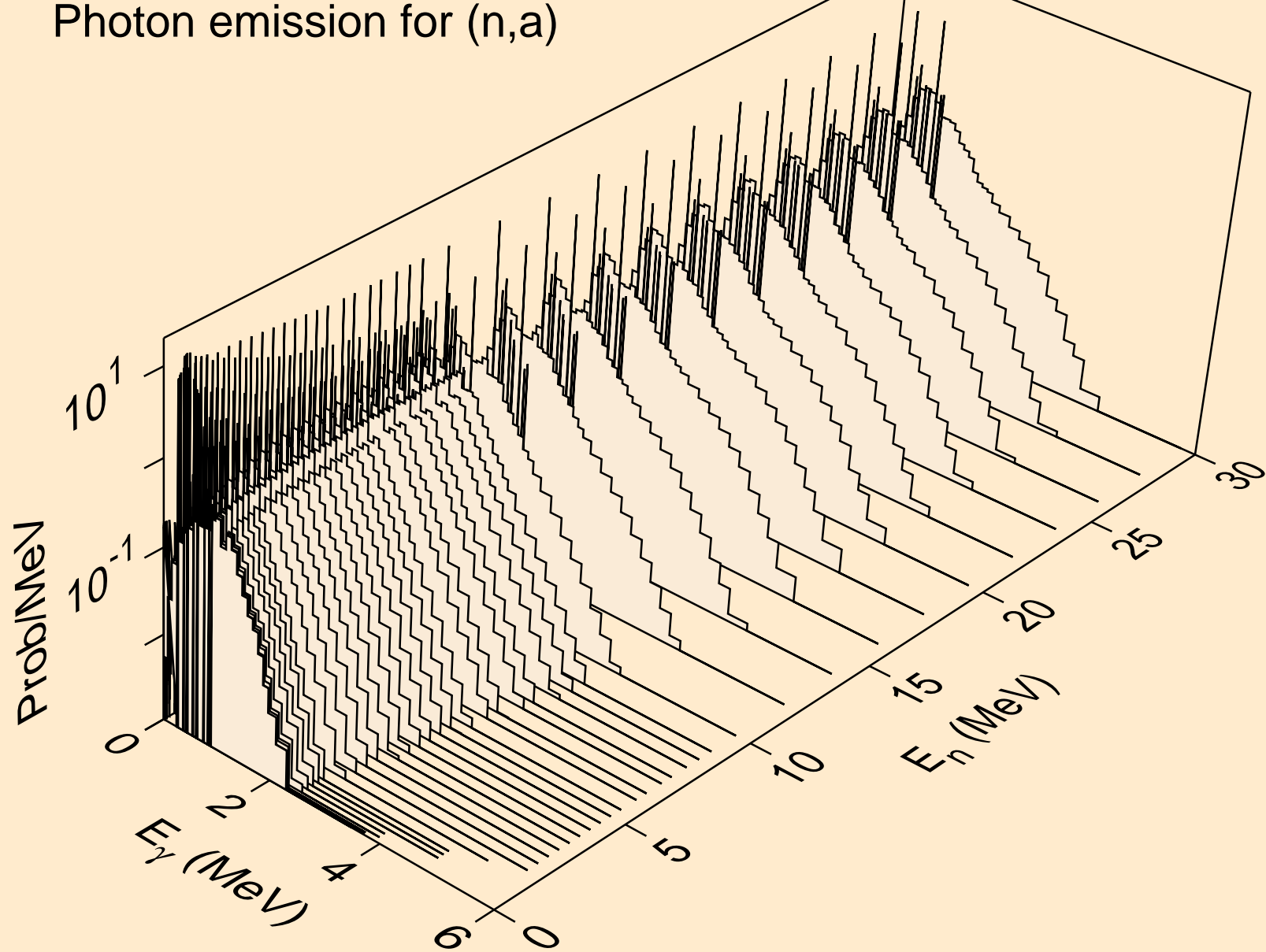
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Photon emission for (n,t)



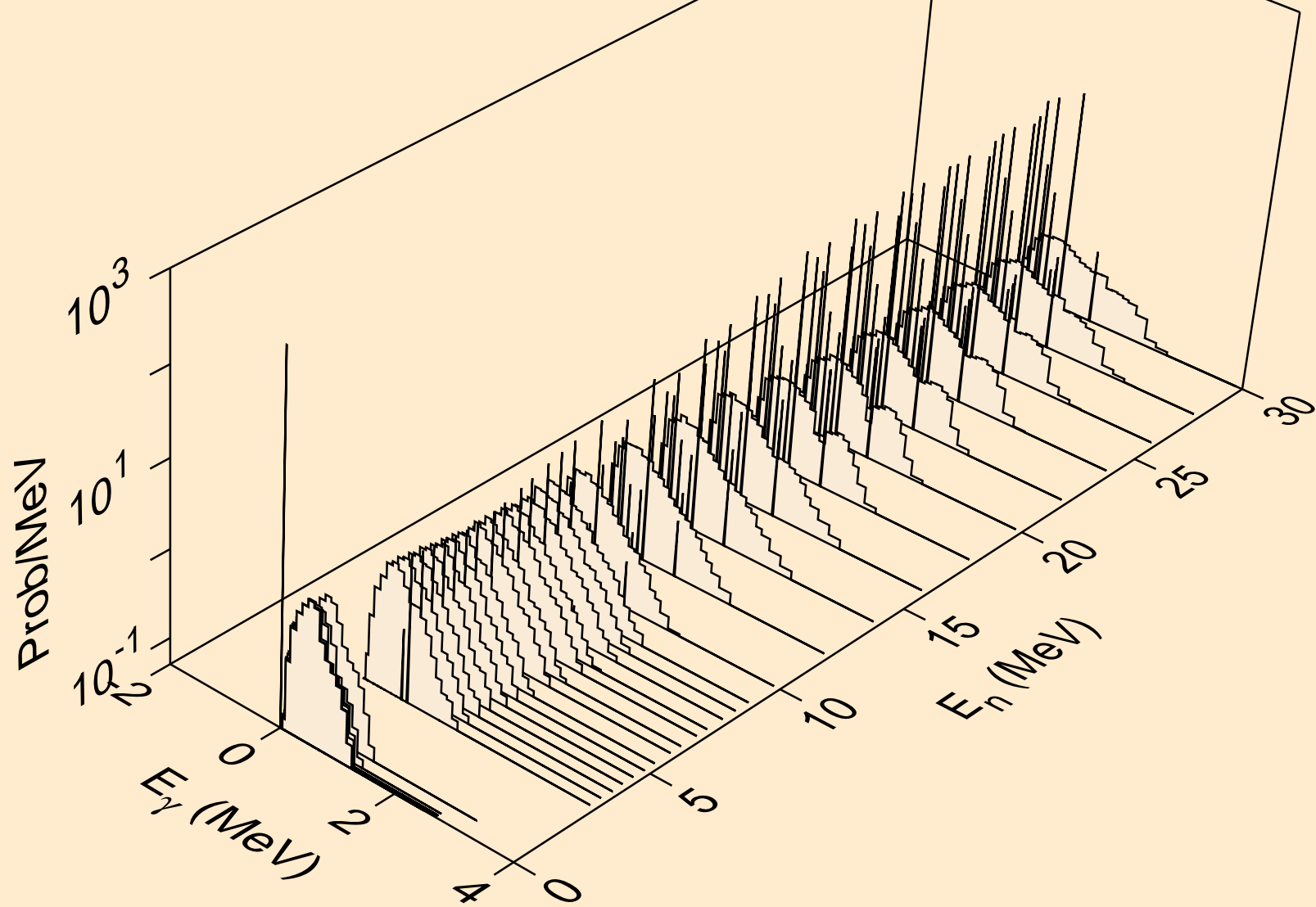
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Photon emission for (n,he3)



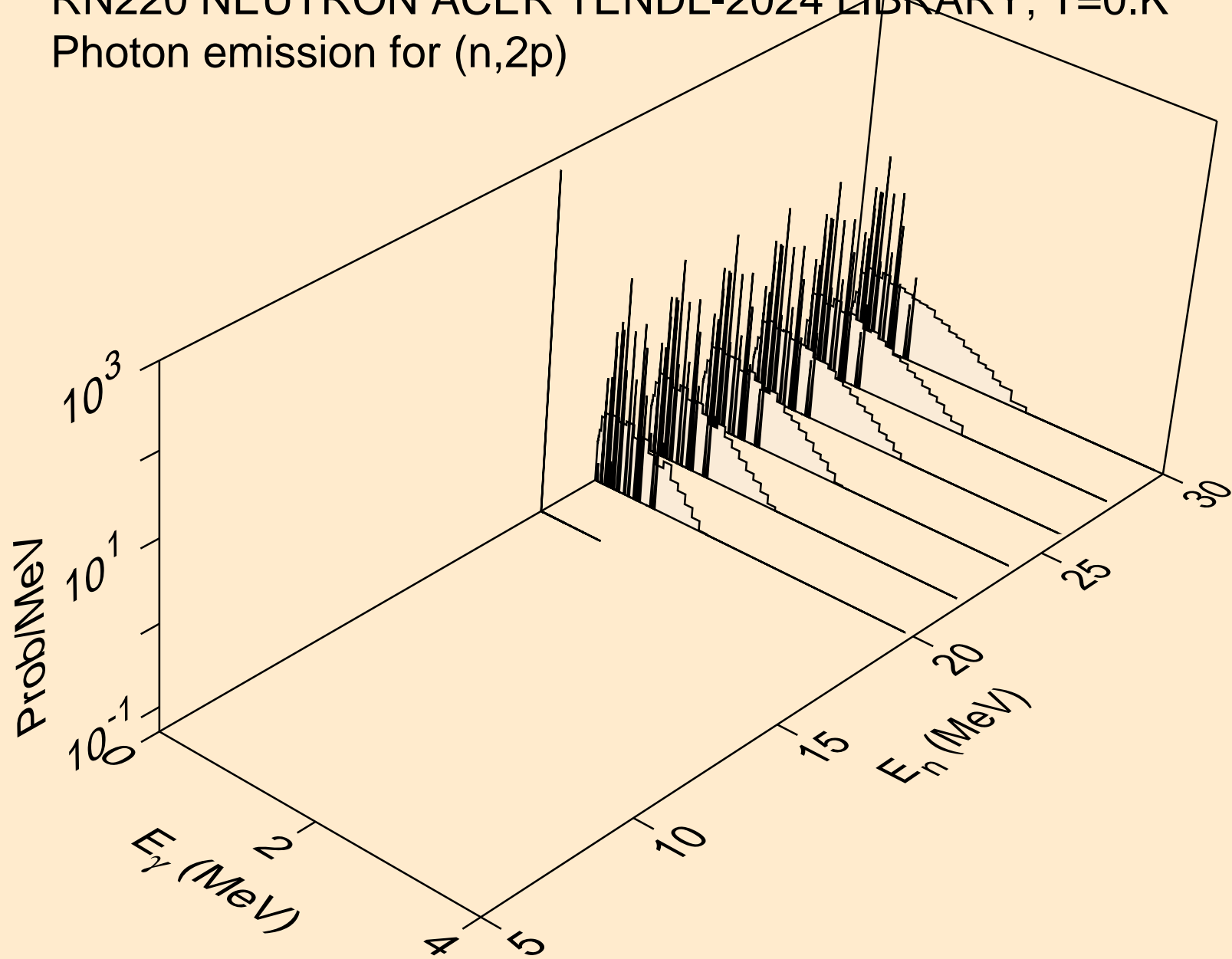
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Photon emission for (n,a)



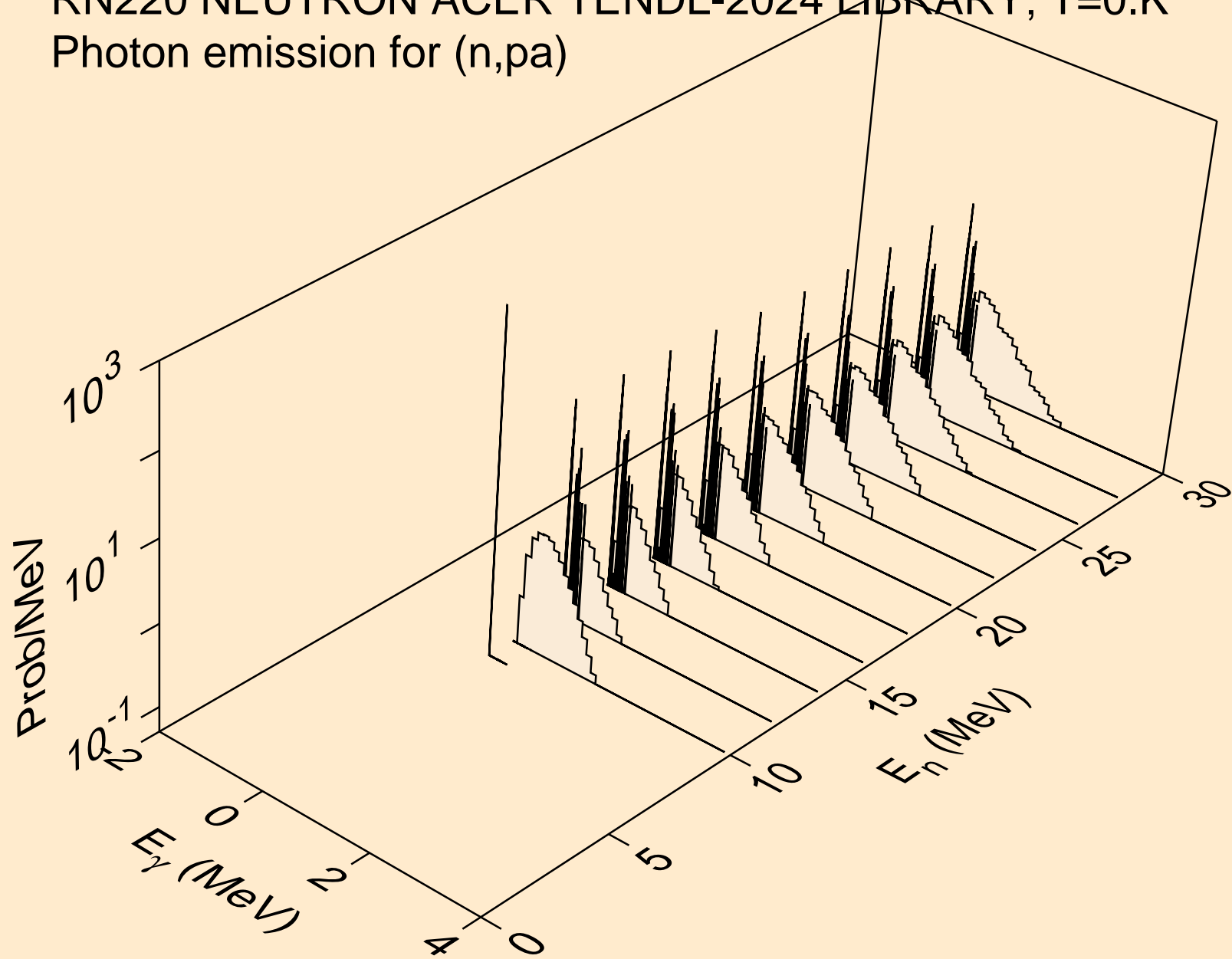
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



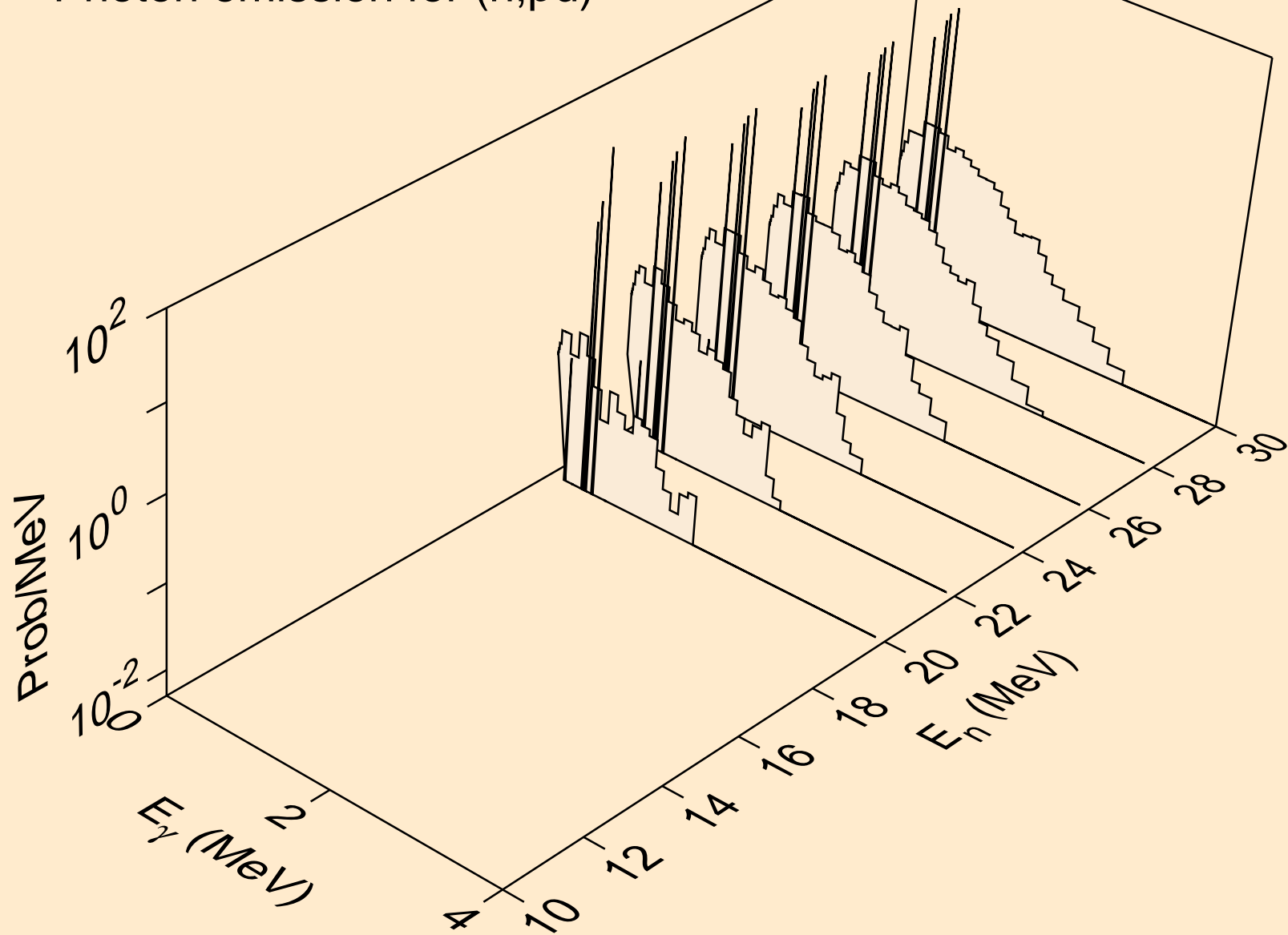
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



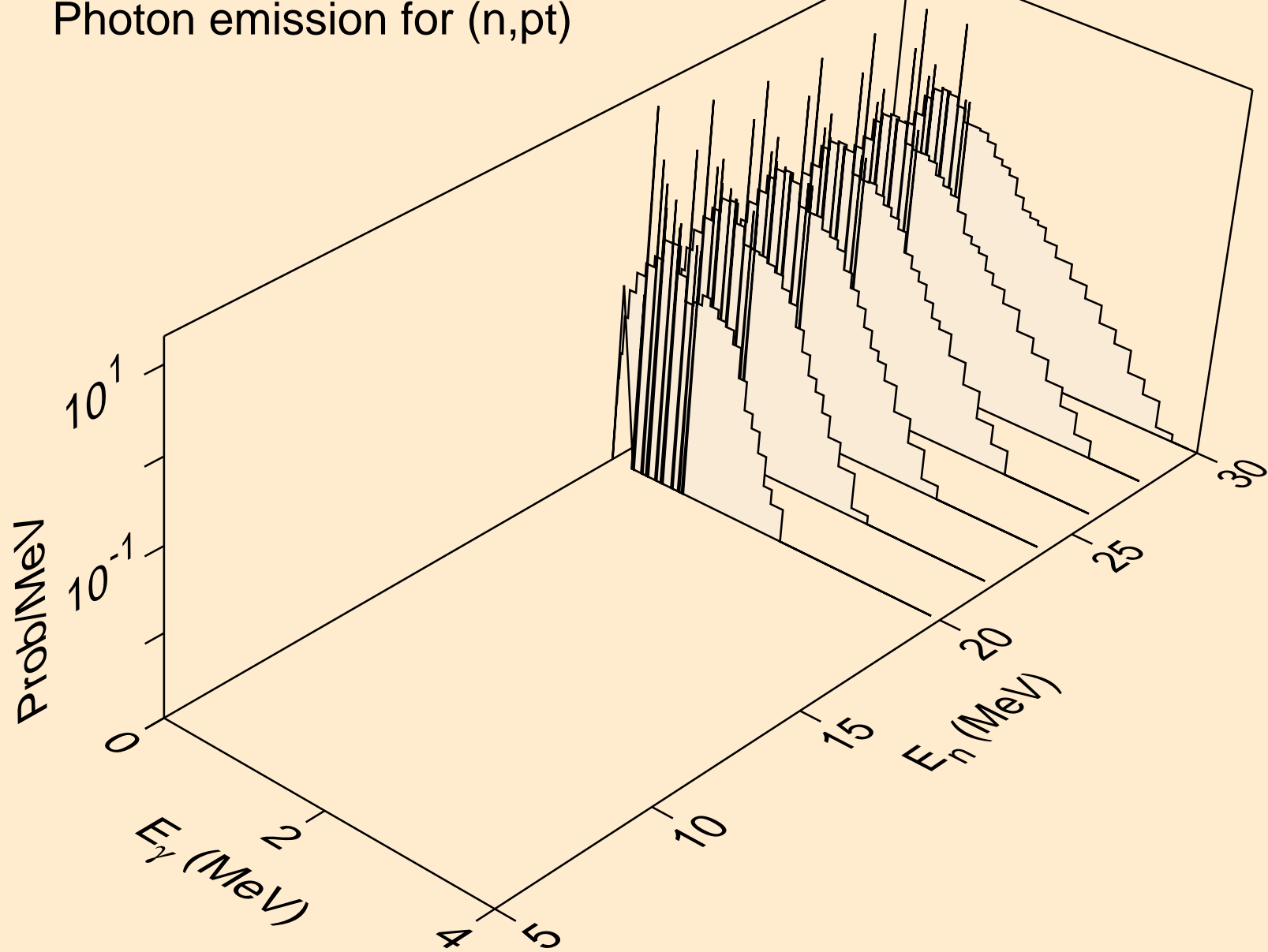
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Photon emission for (n,p)



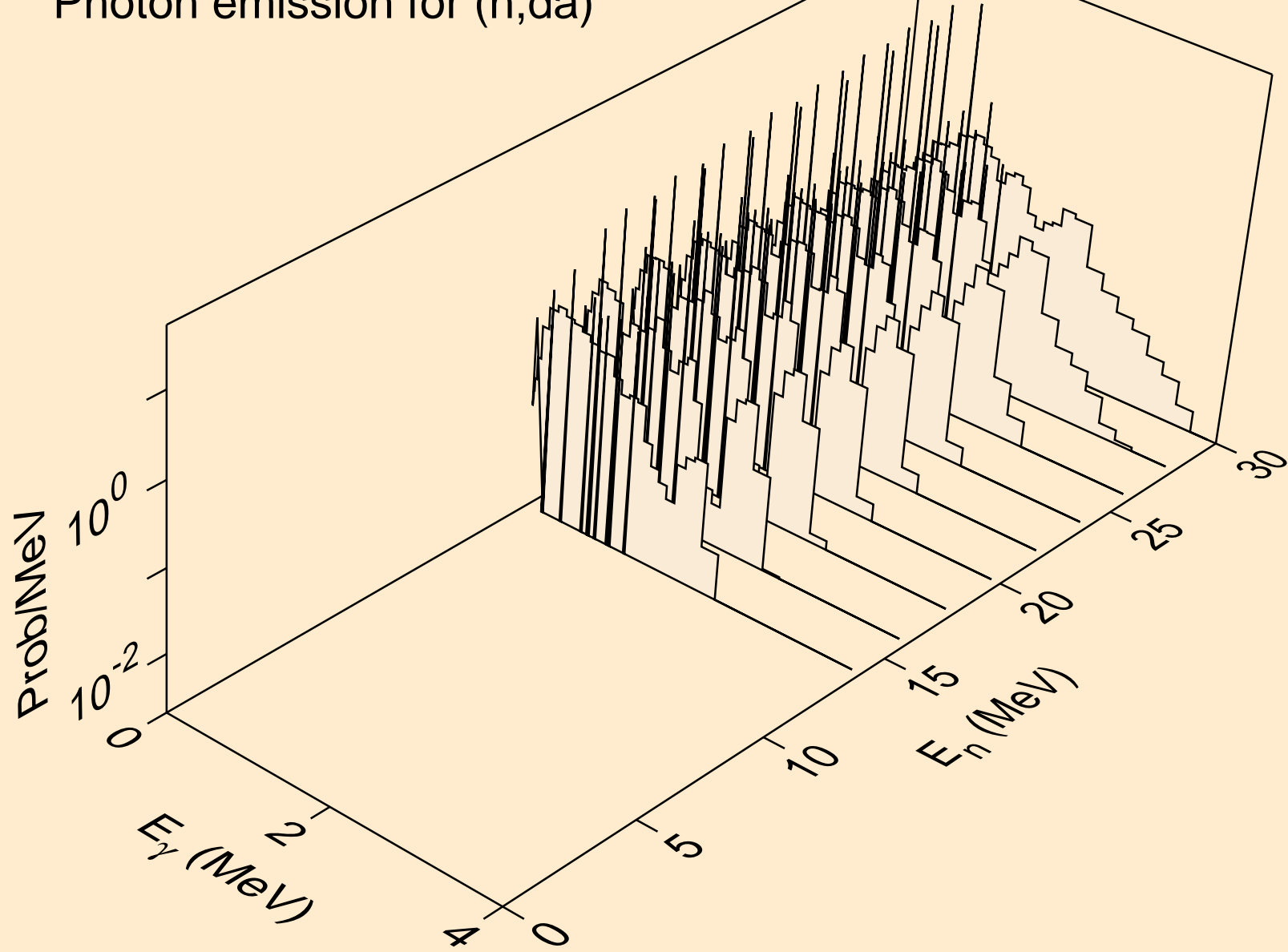
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



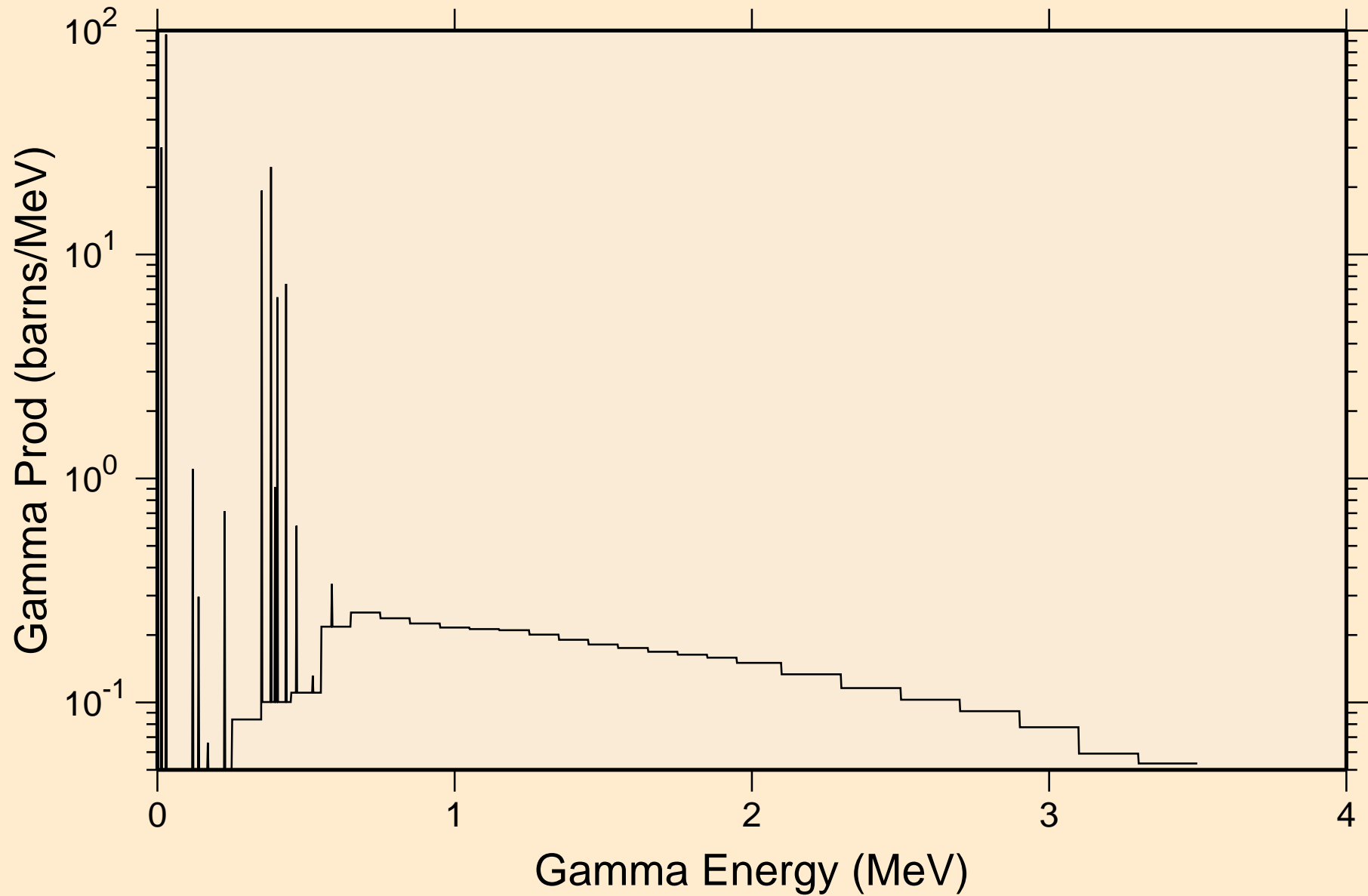
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



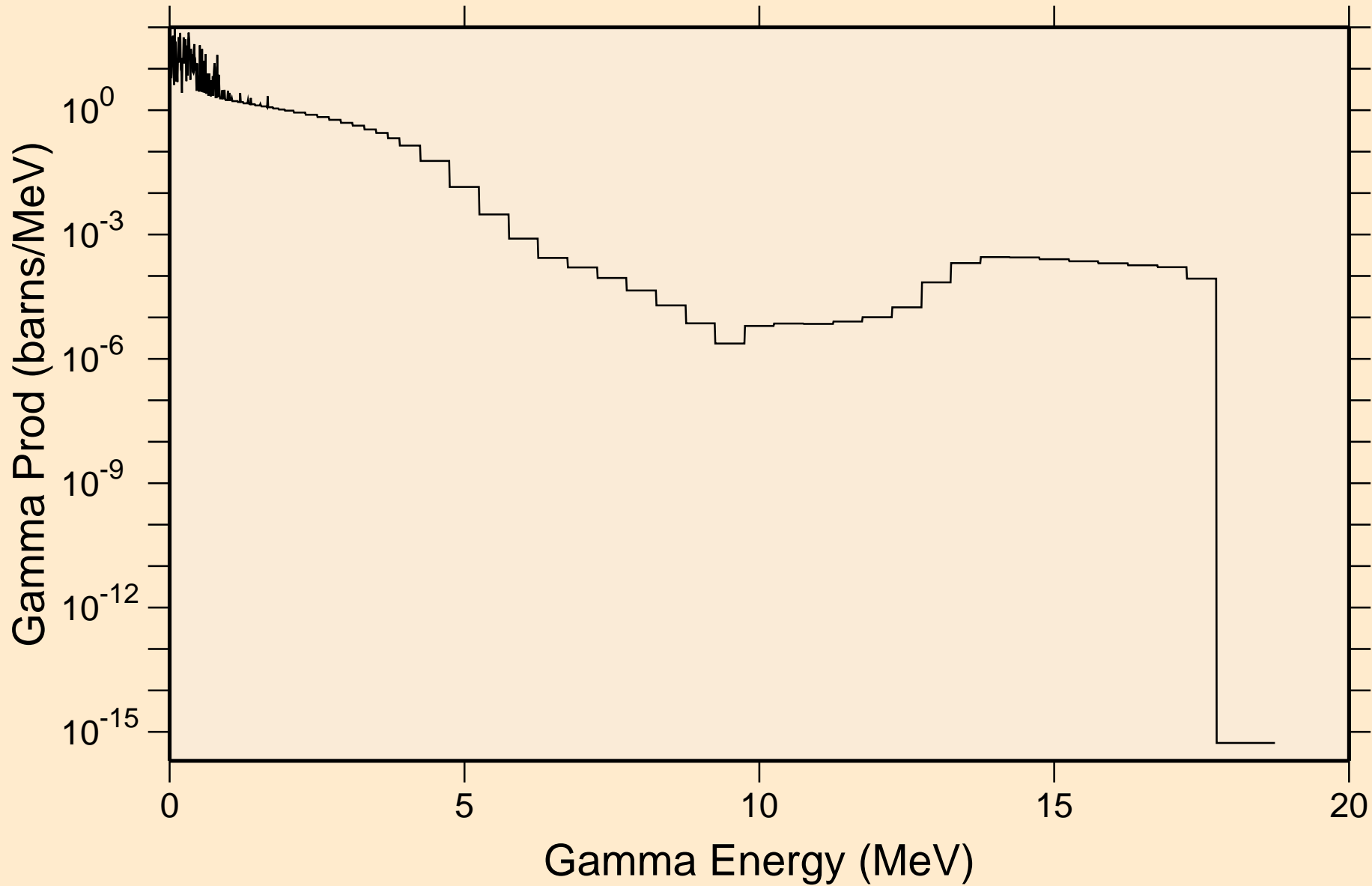
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

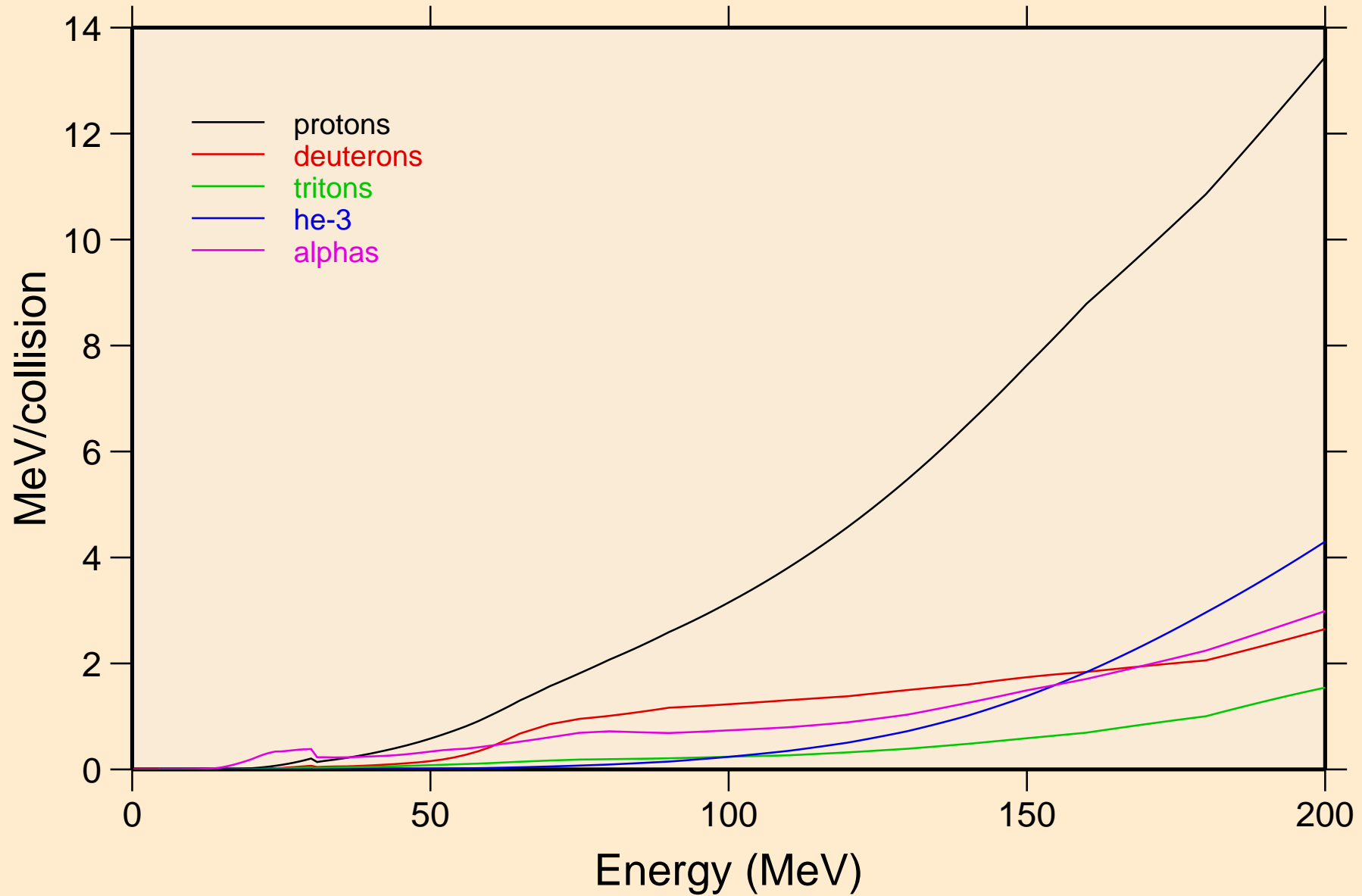


RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

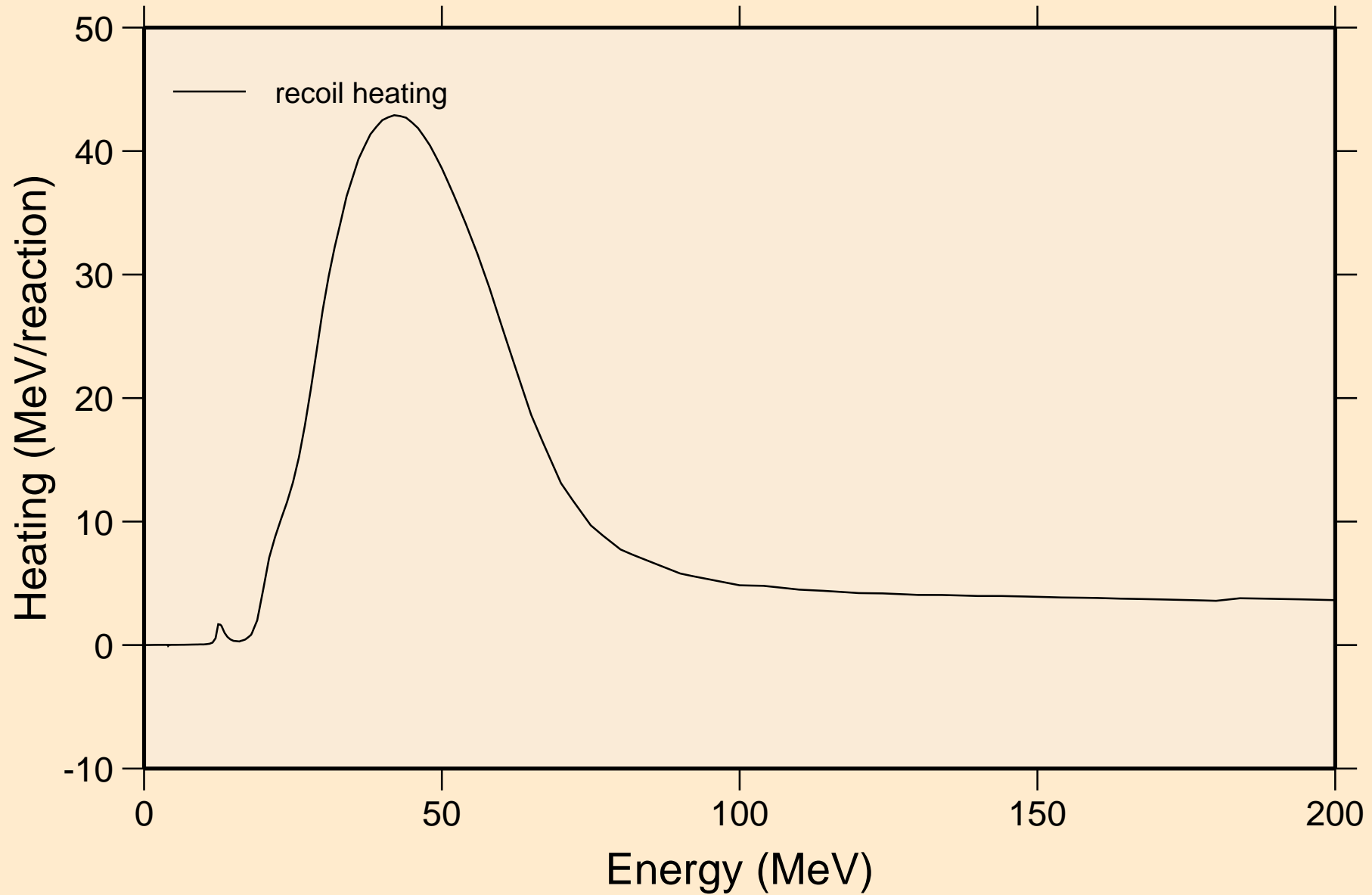


# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

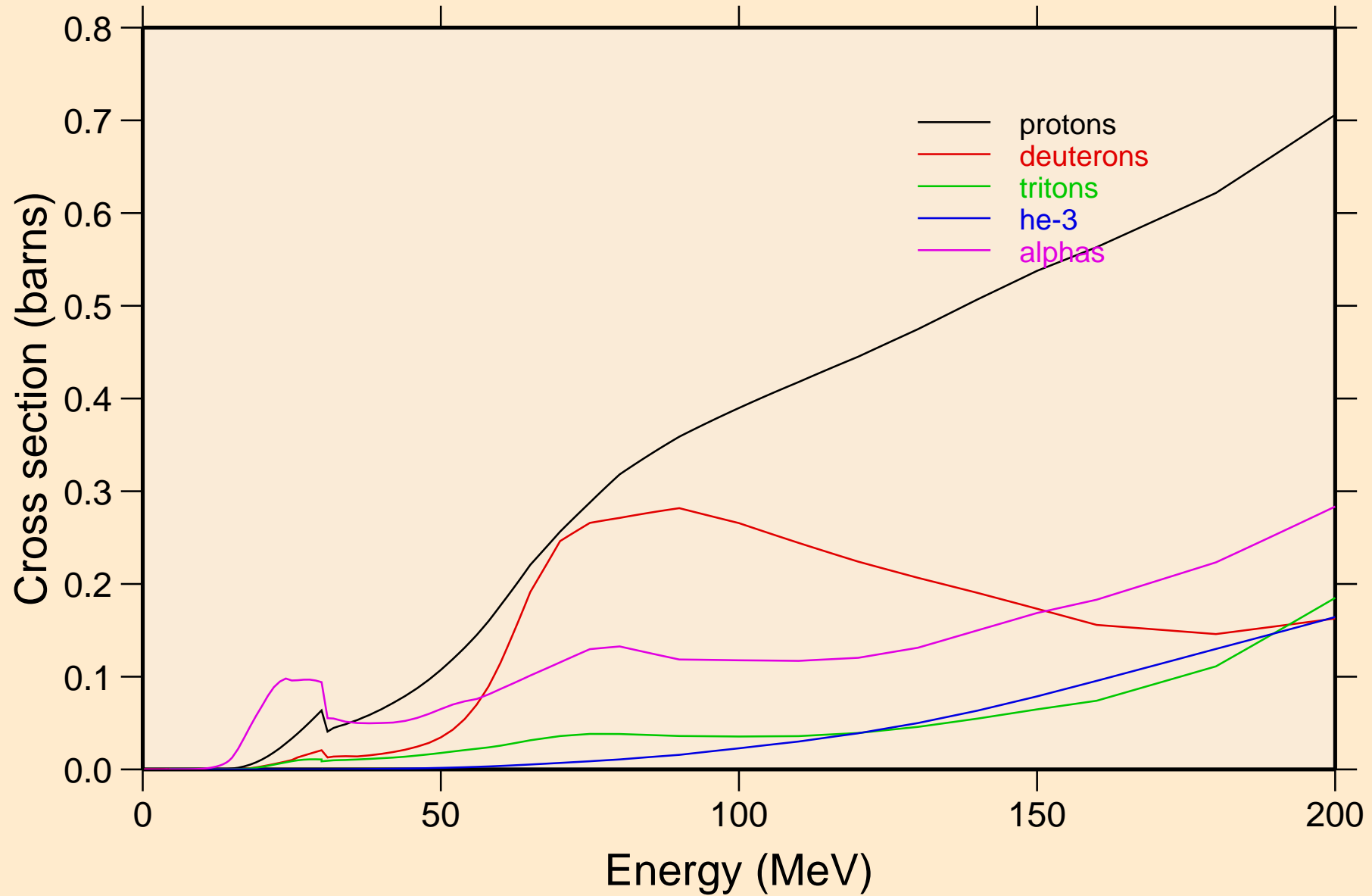


RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

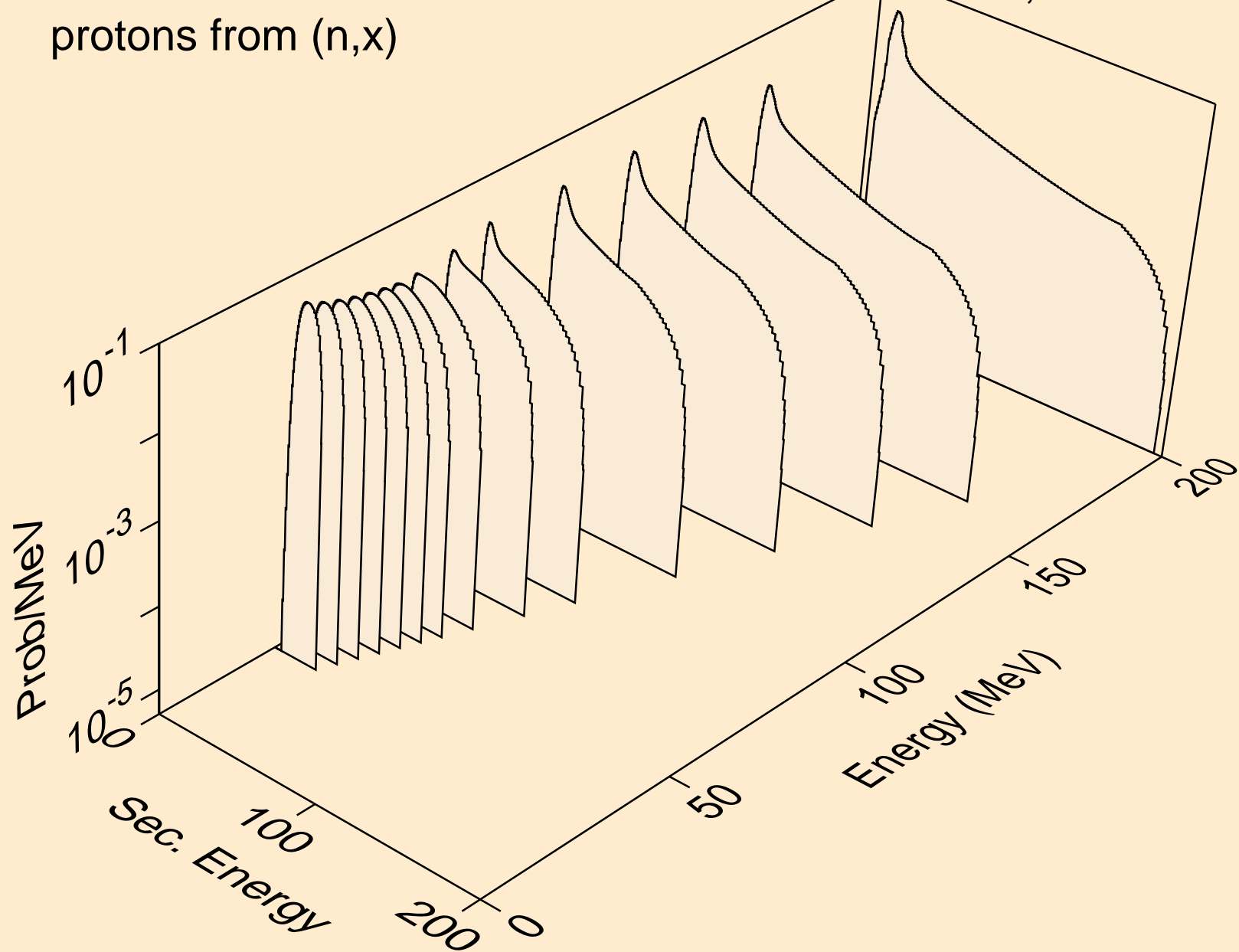


# RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

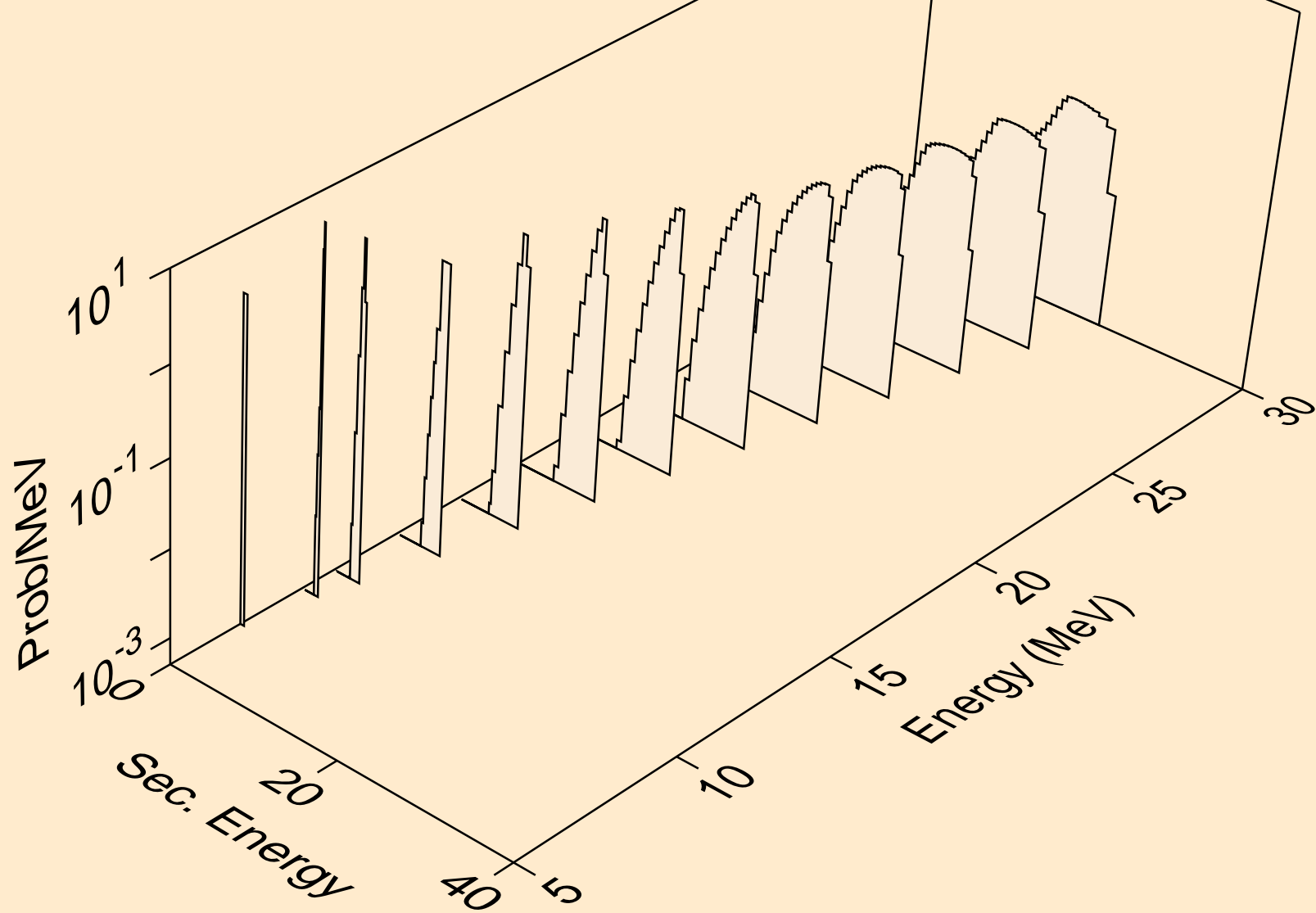
## Particle production cross sections



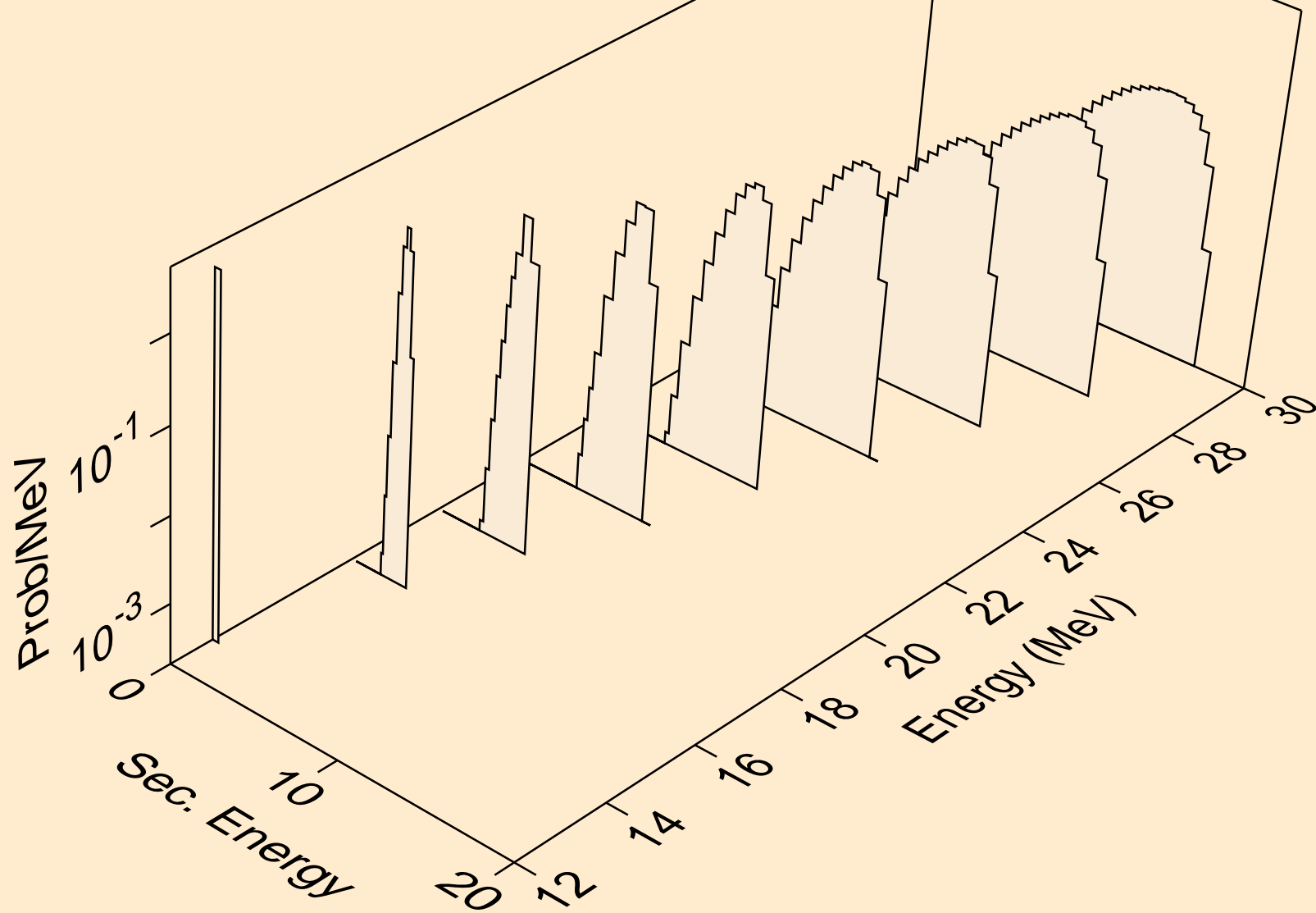
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



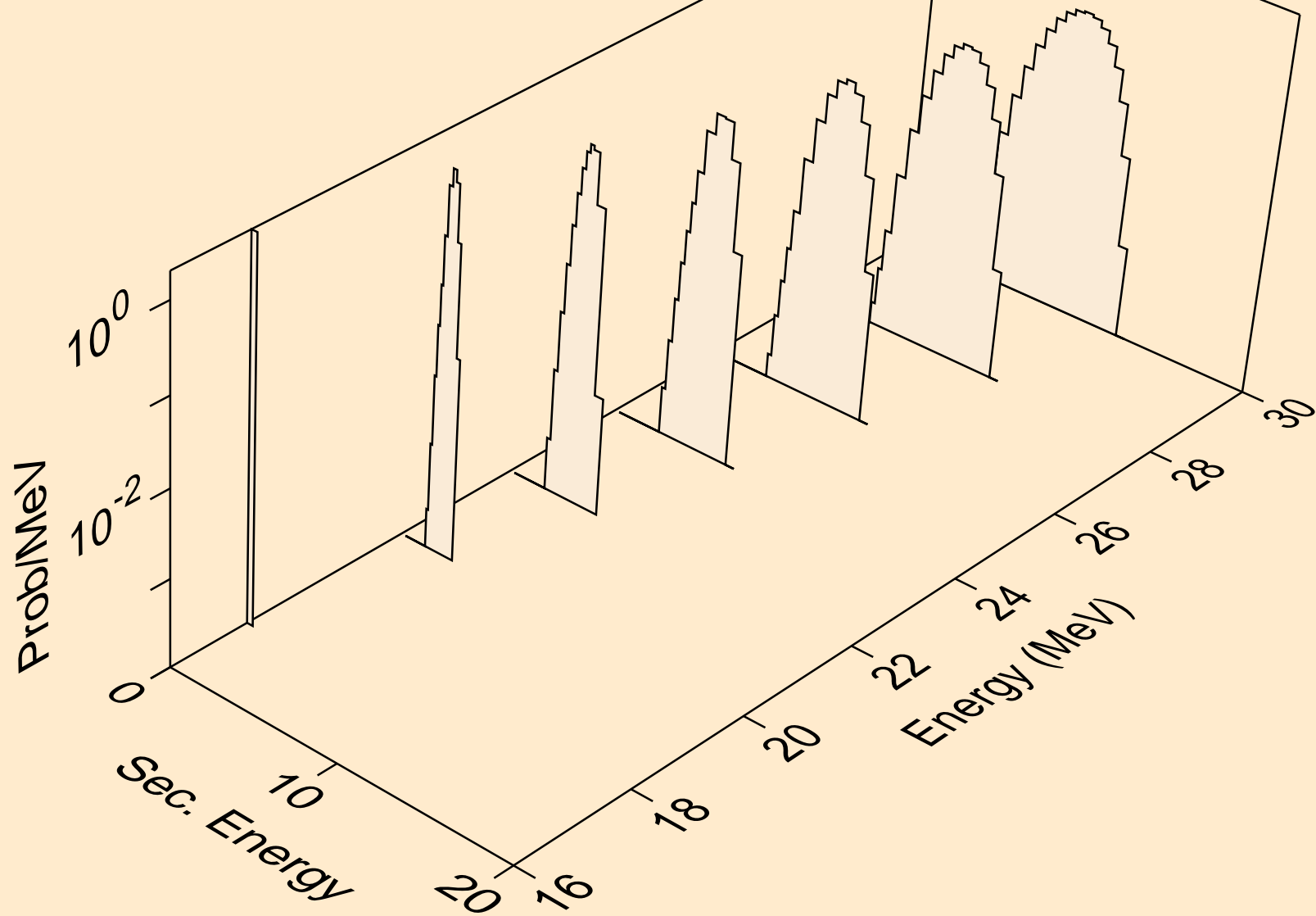
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protons from (n,n\*)p



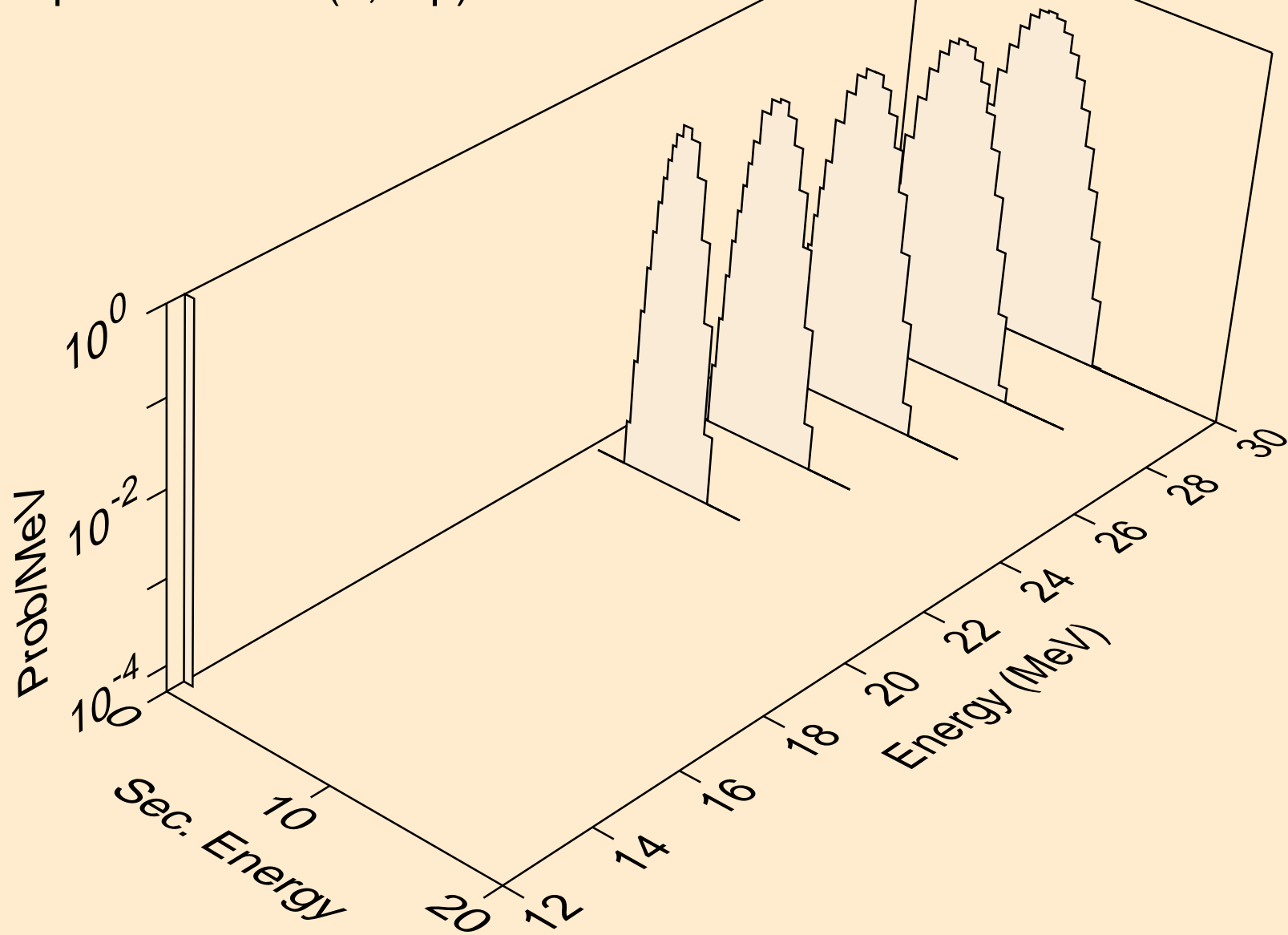
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protons from (n,2np)



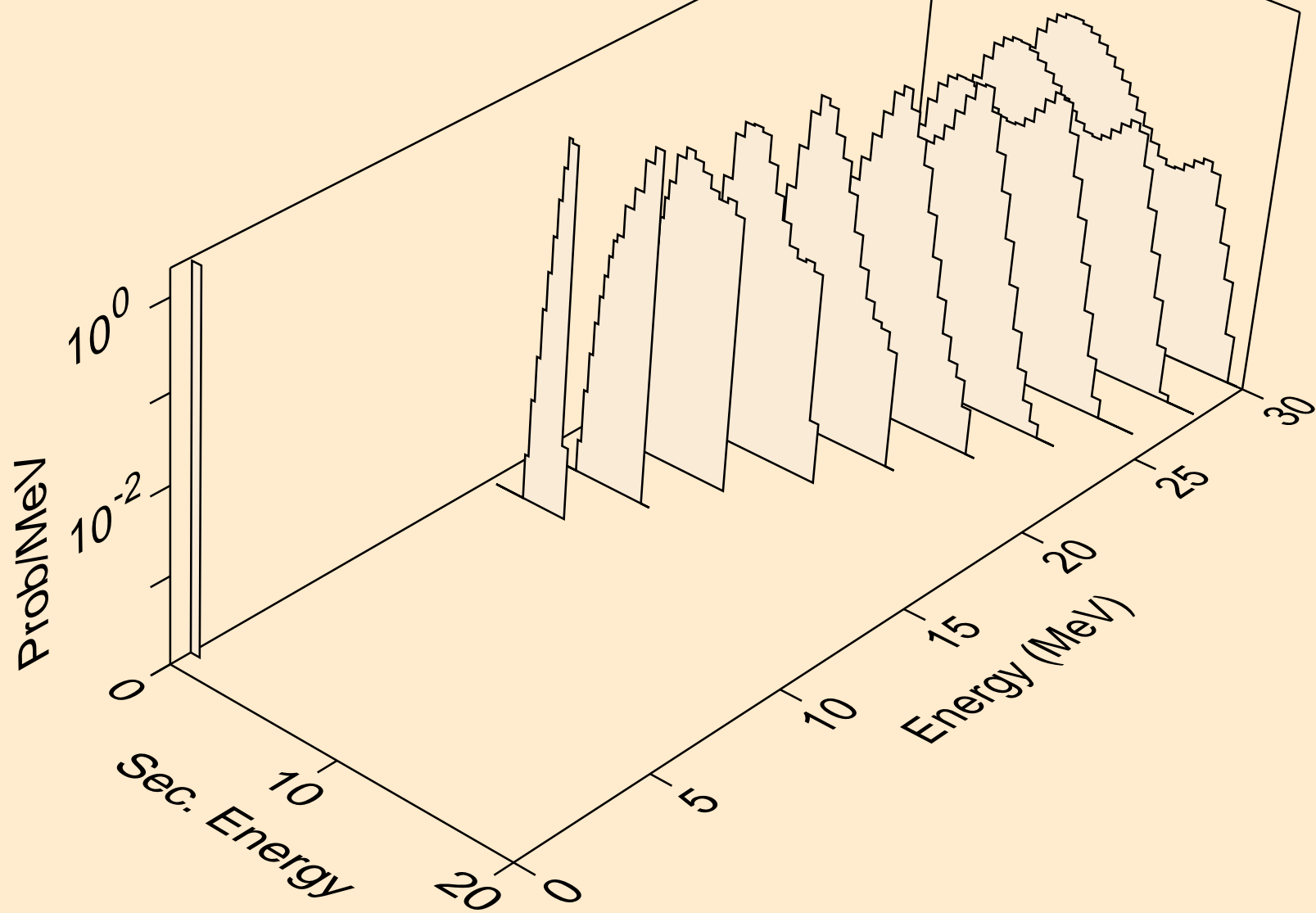
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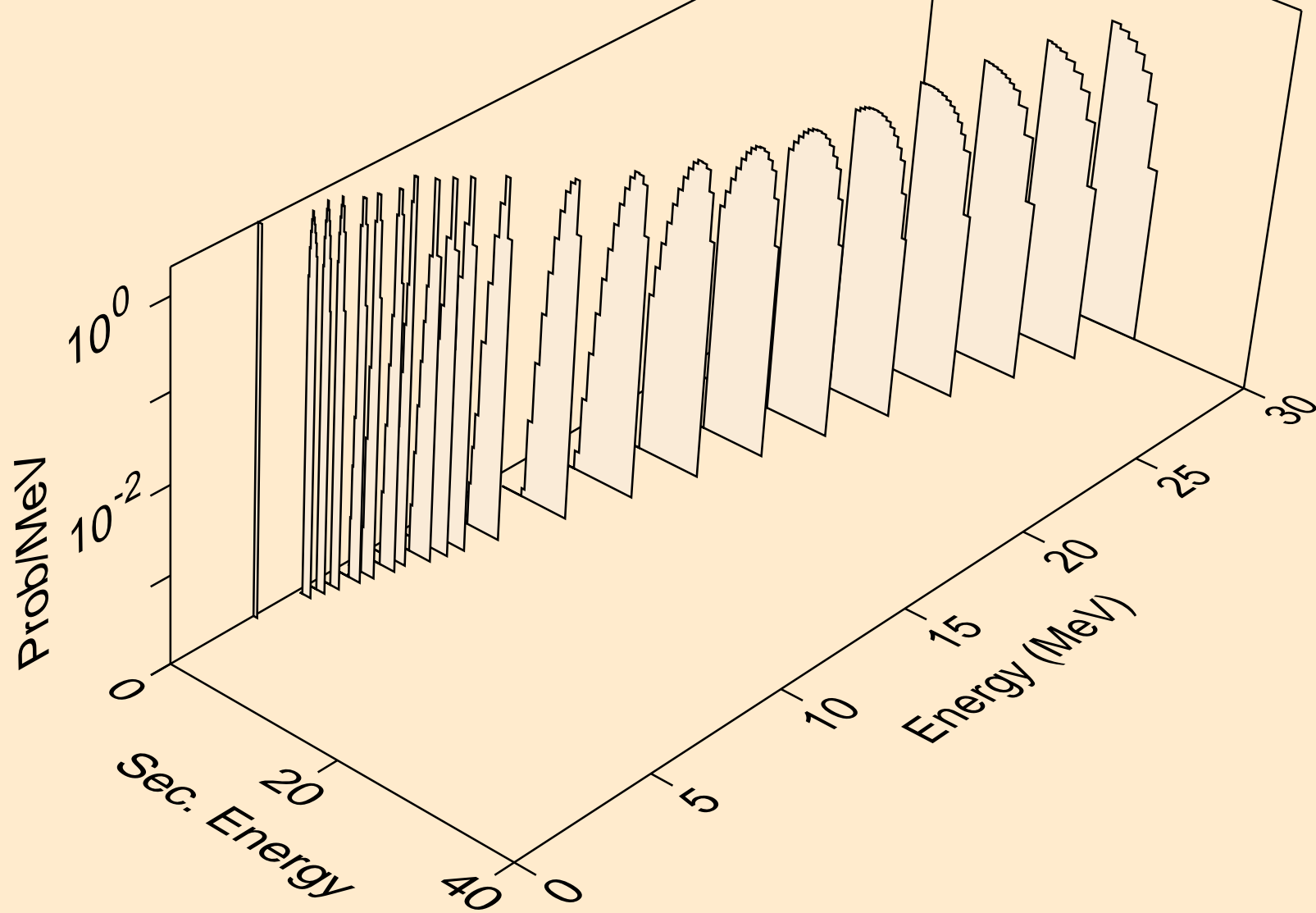
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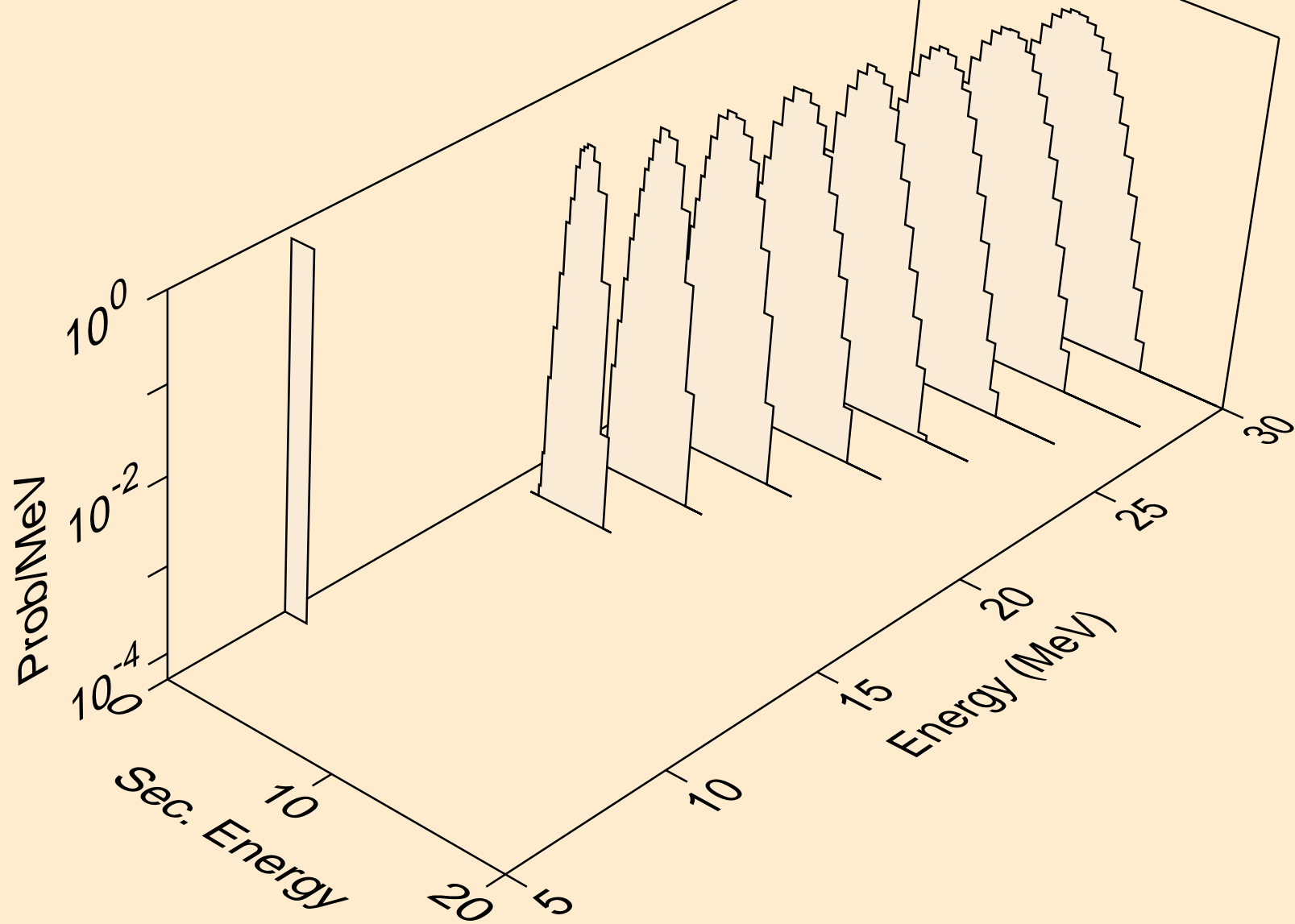
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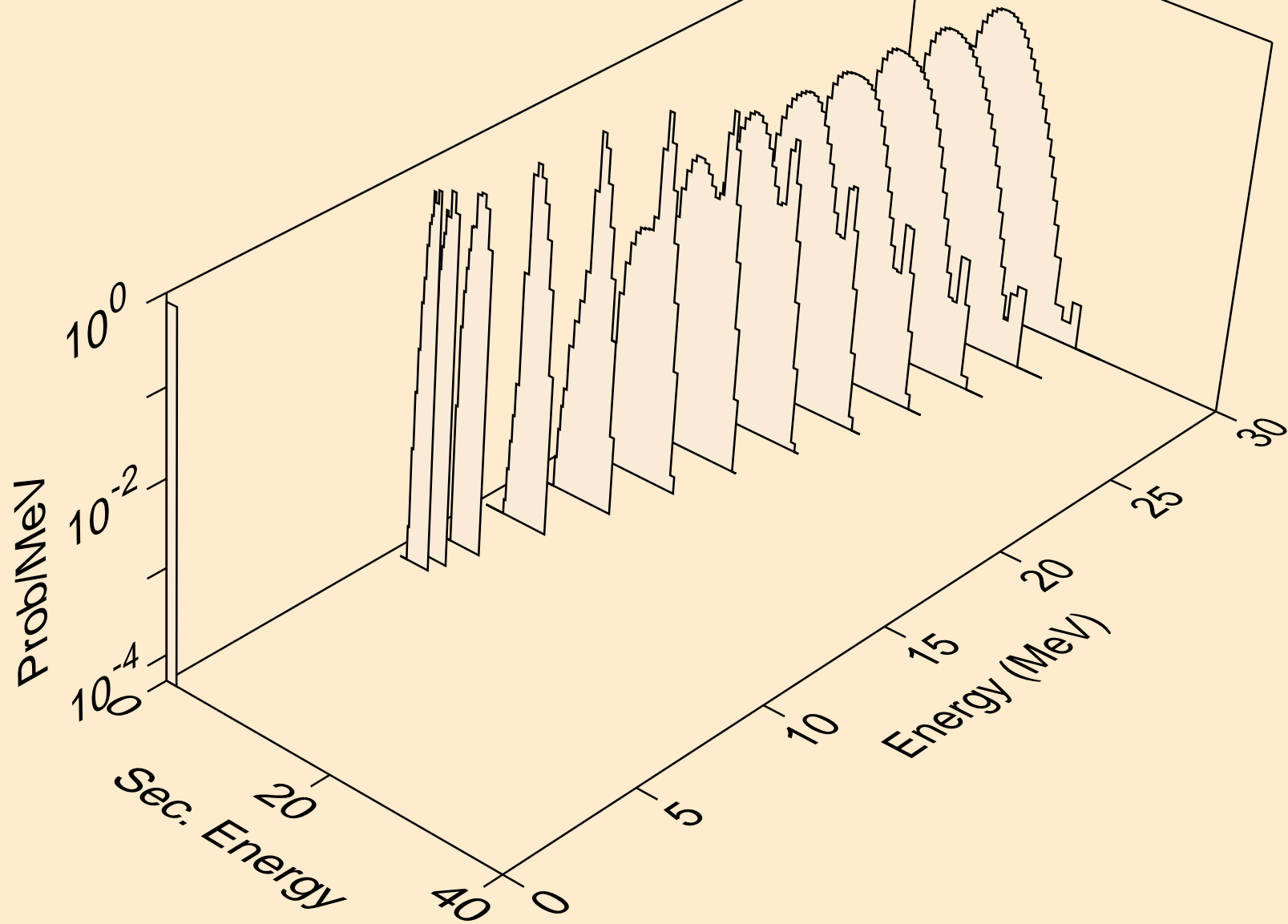
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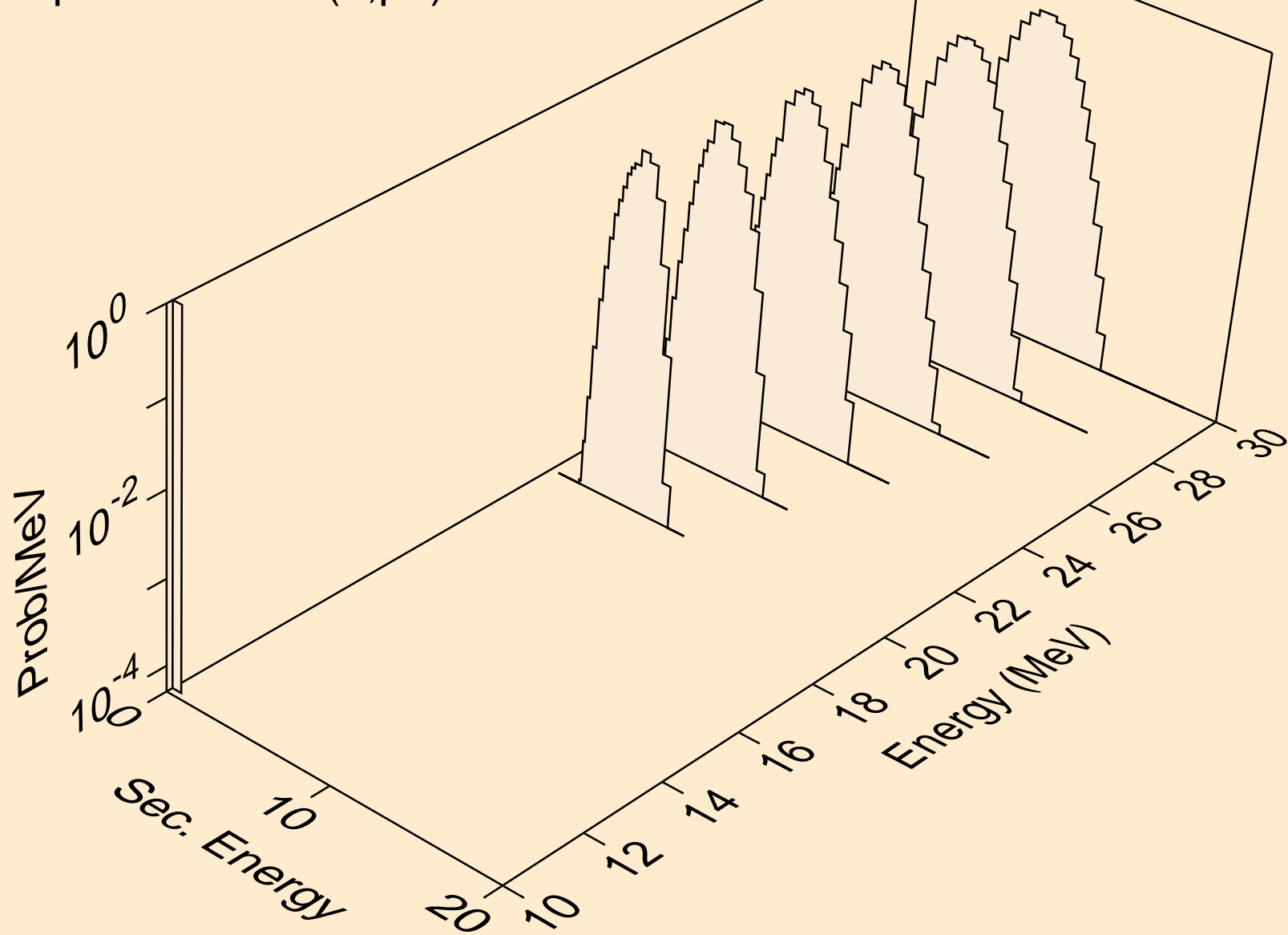
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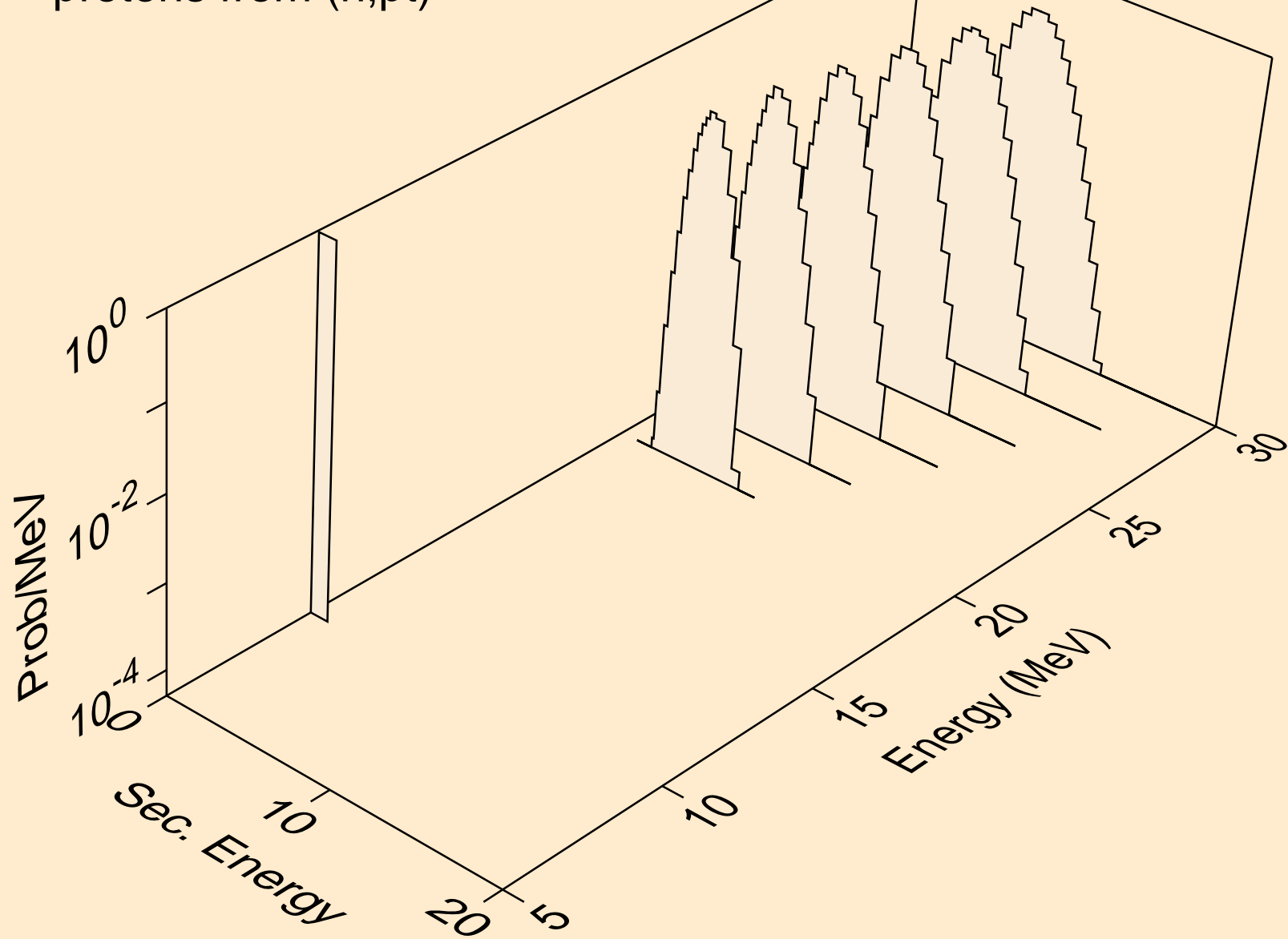
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protons from (n,p)



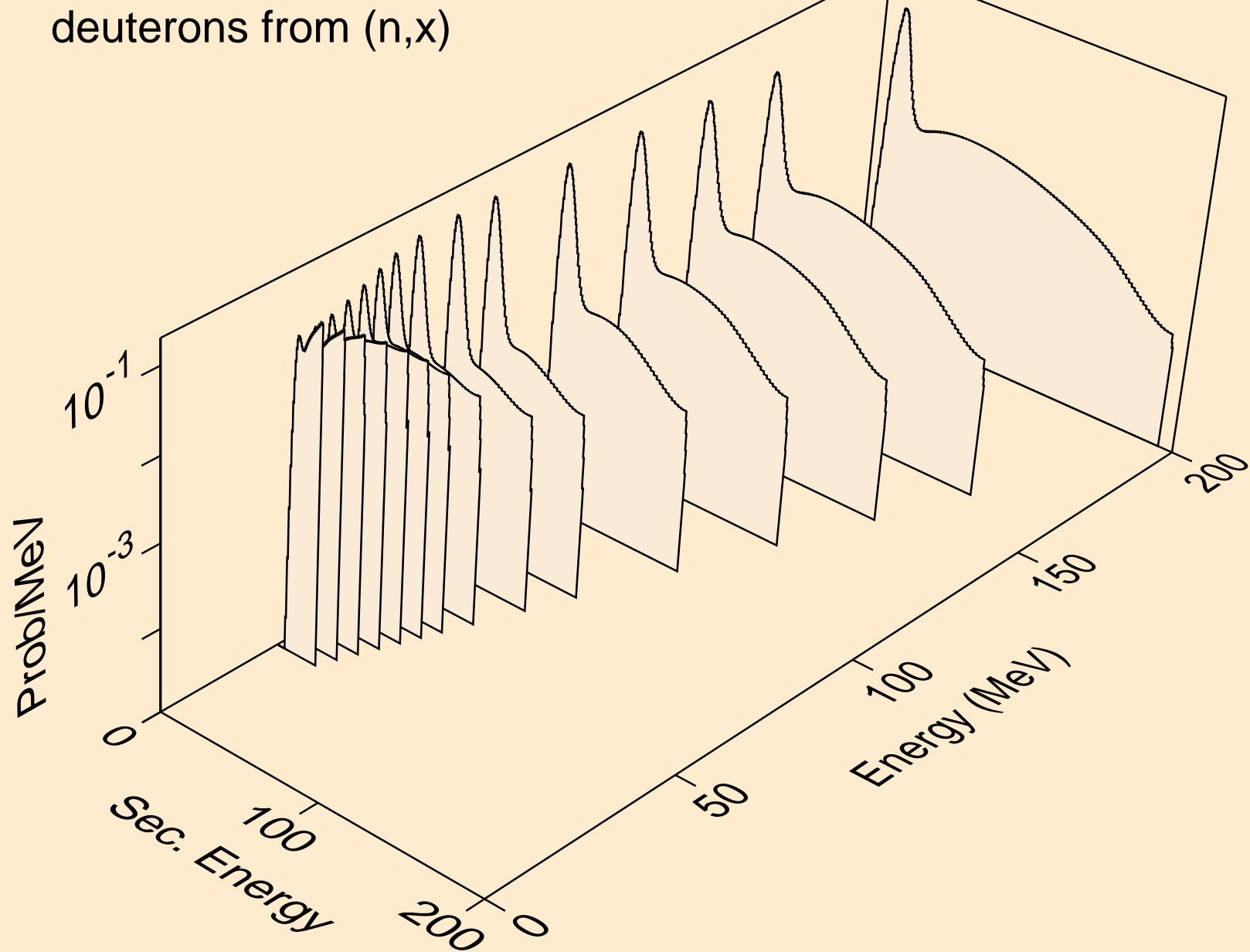
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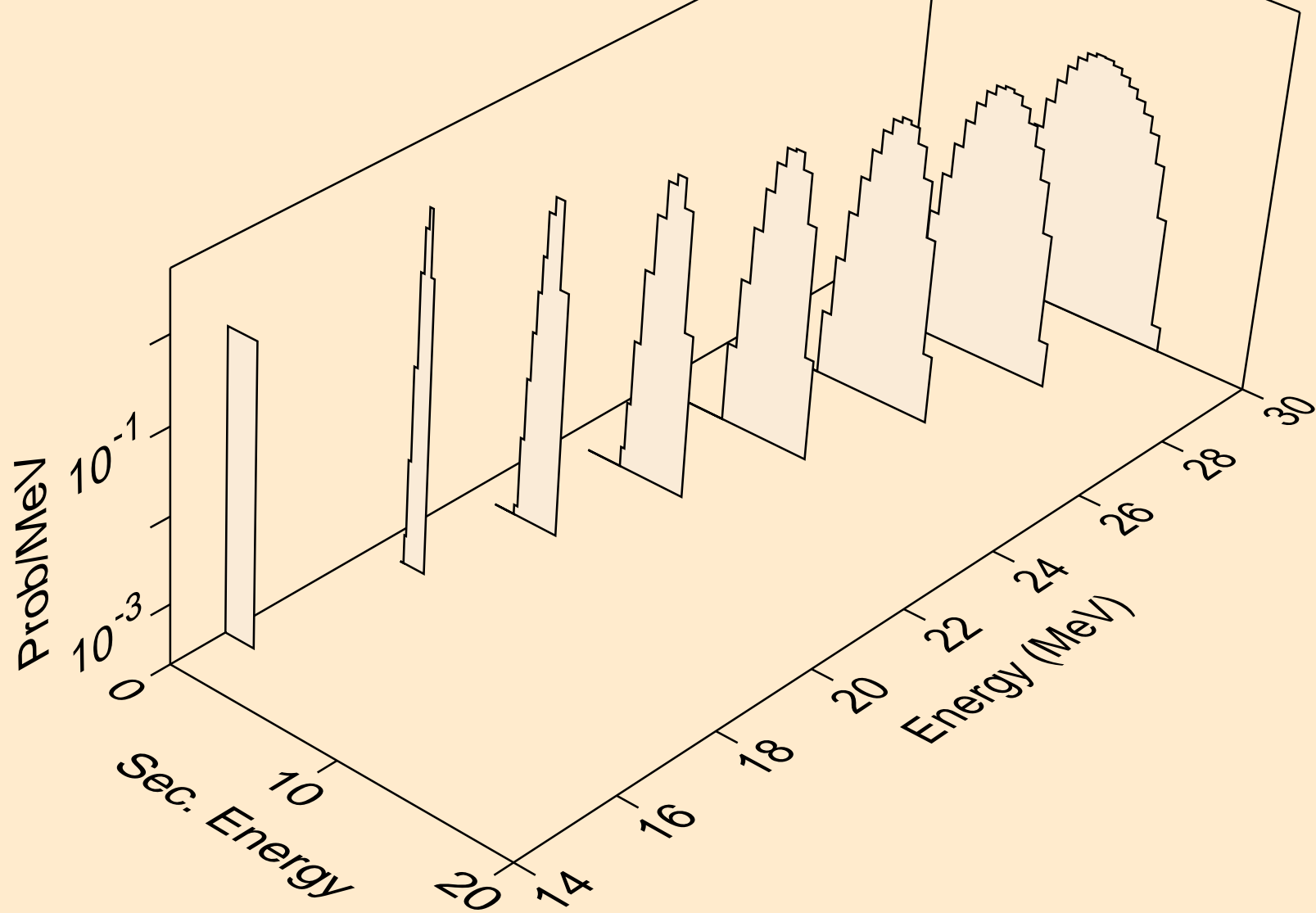
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protons from (n,pt)



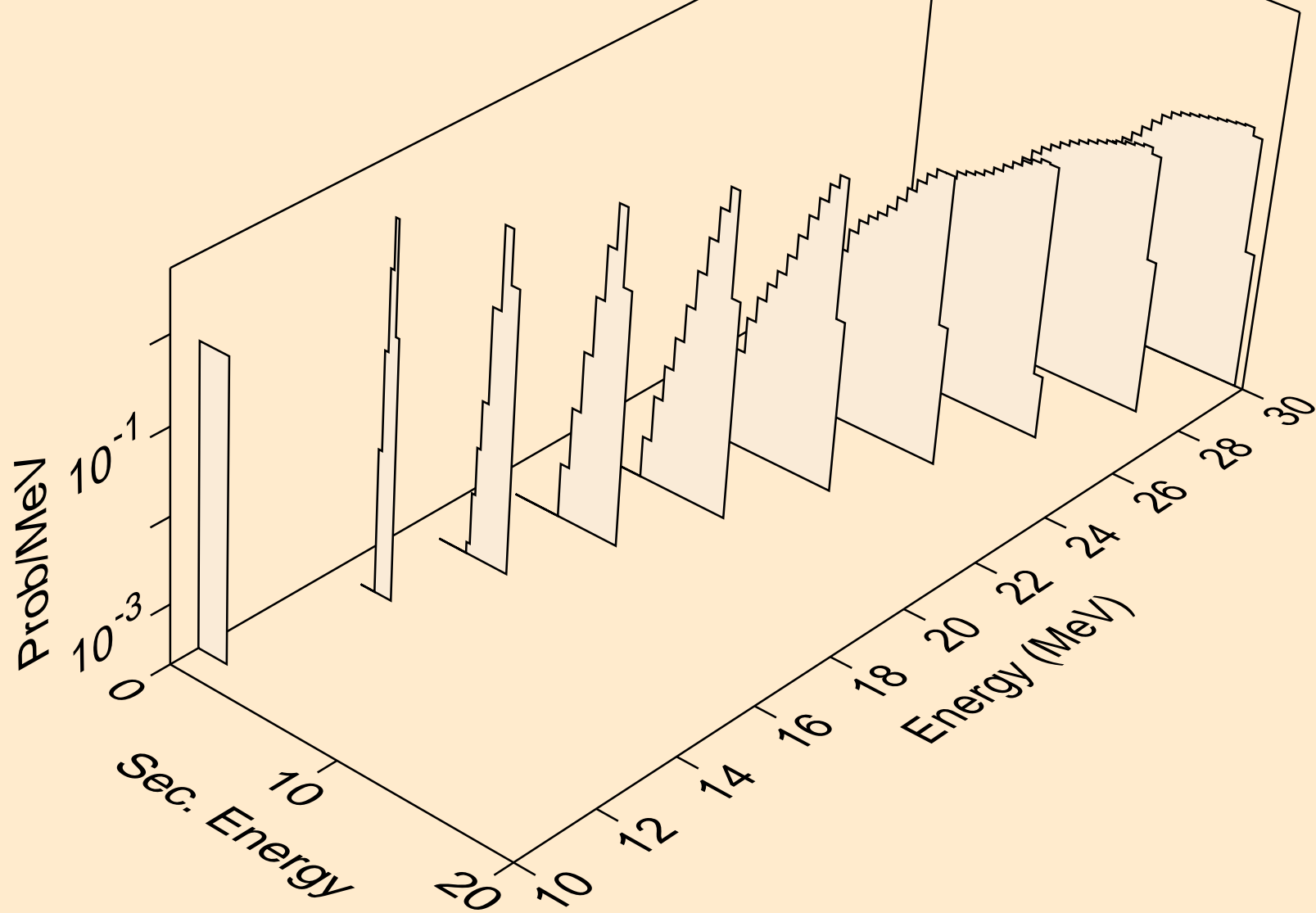
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deuterons from (n,x)



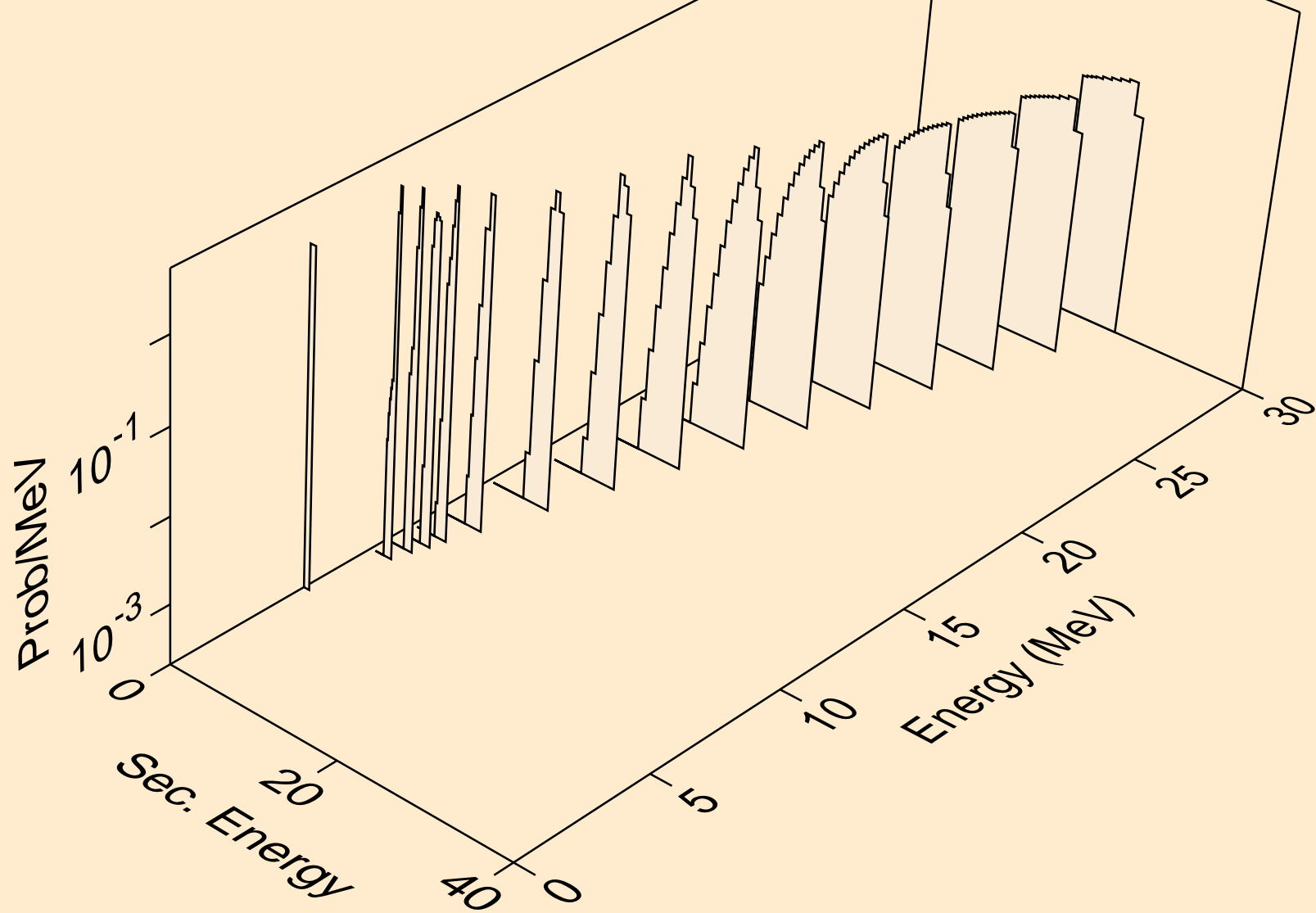
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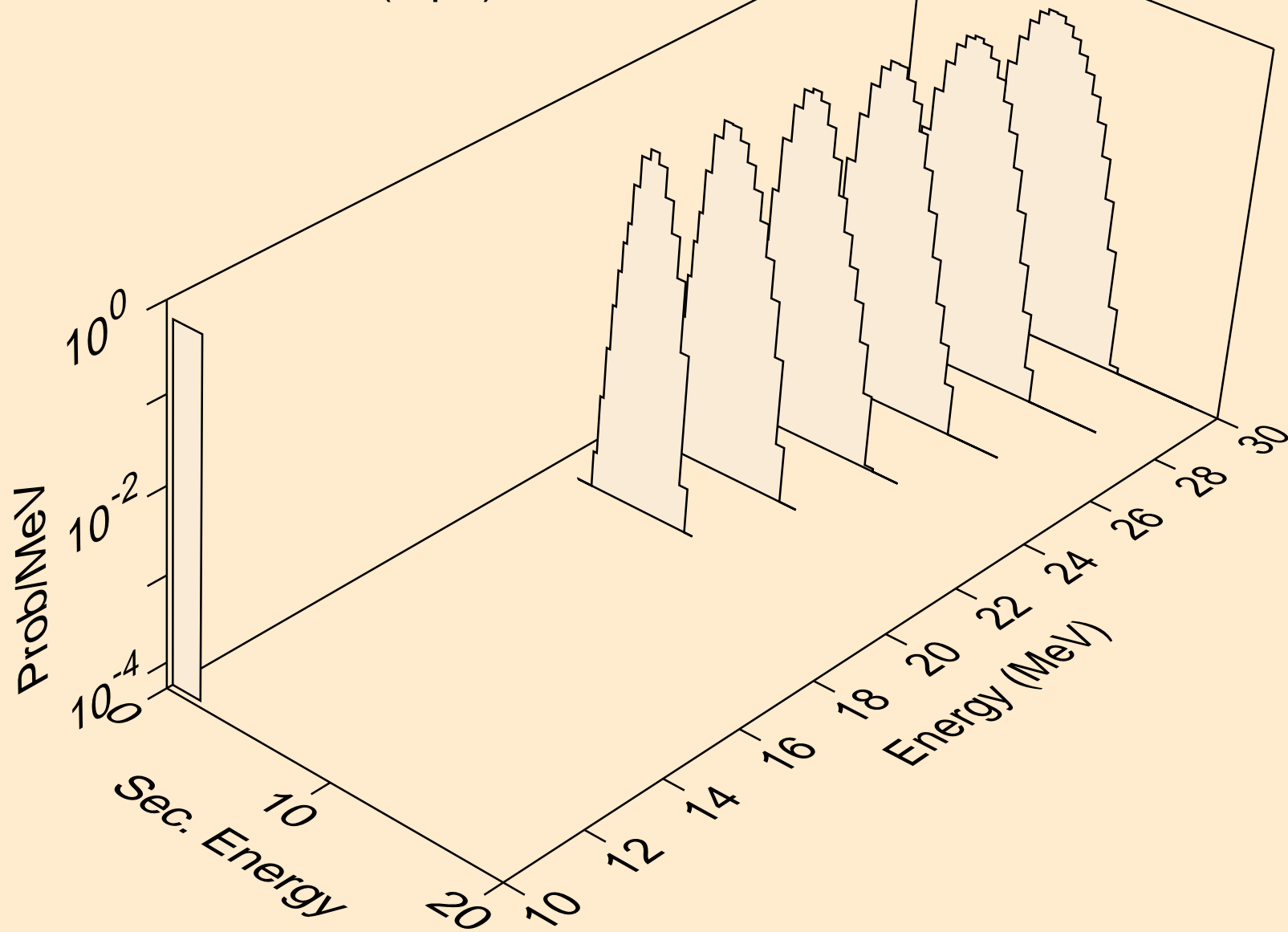
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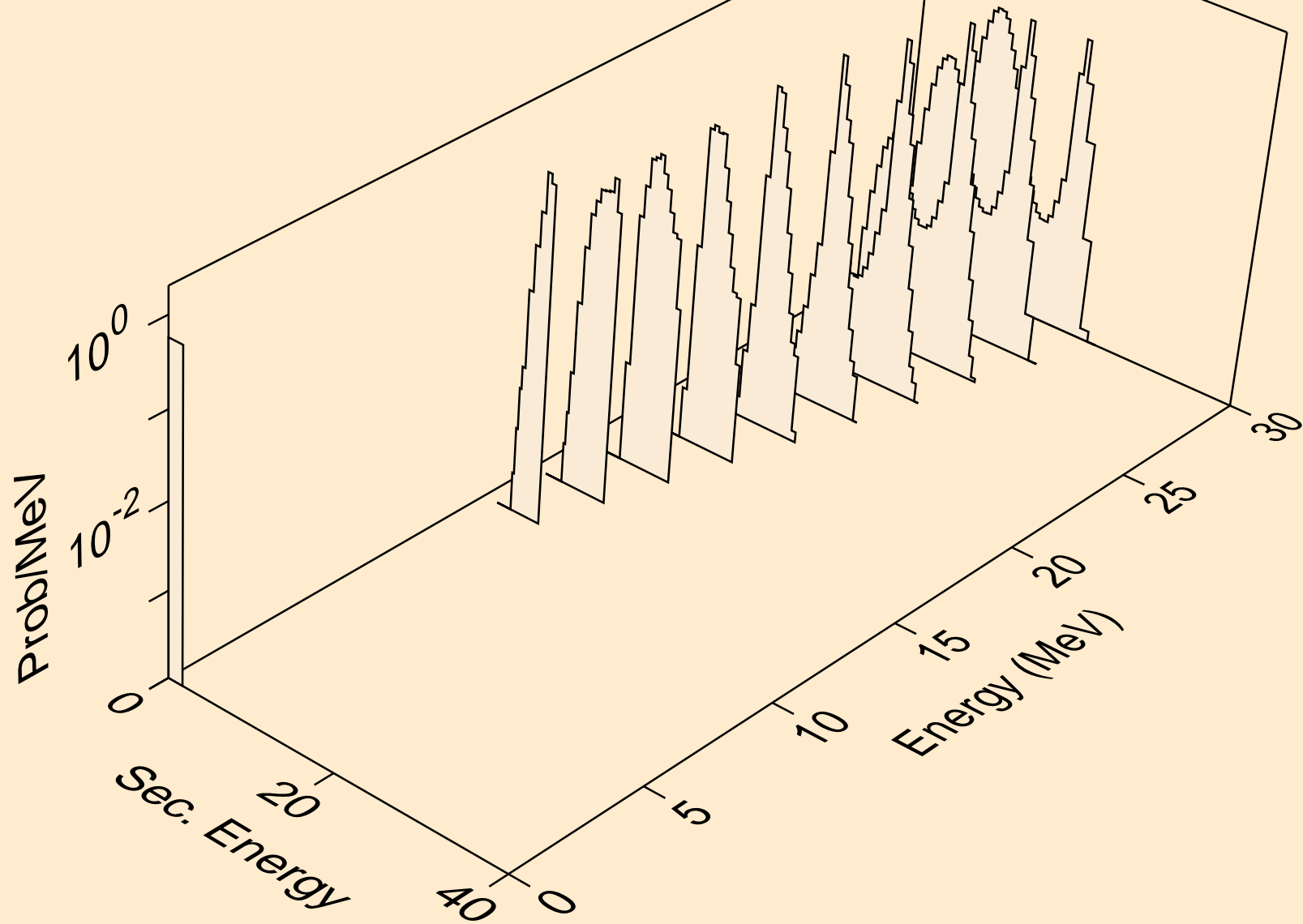
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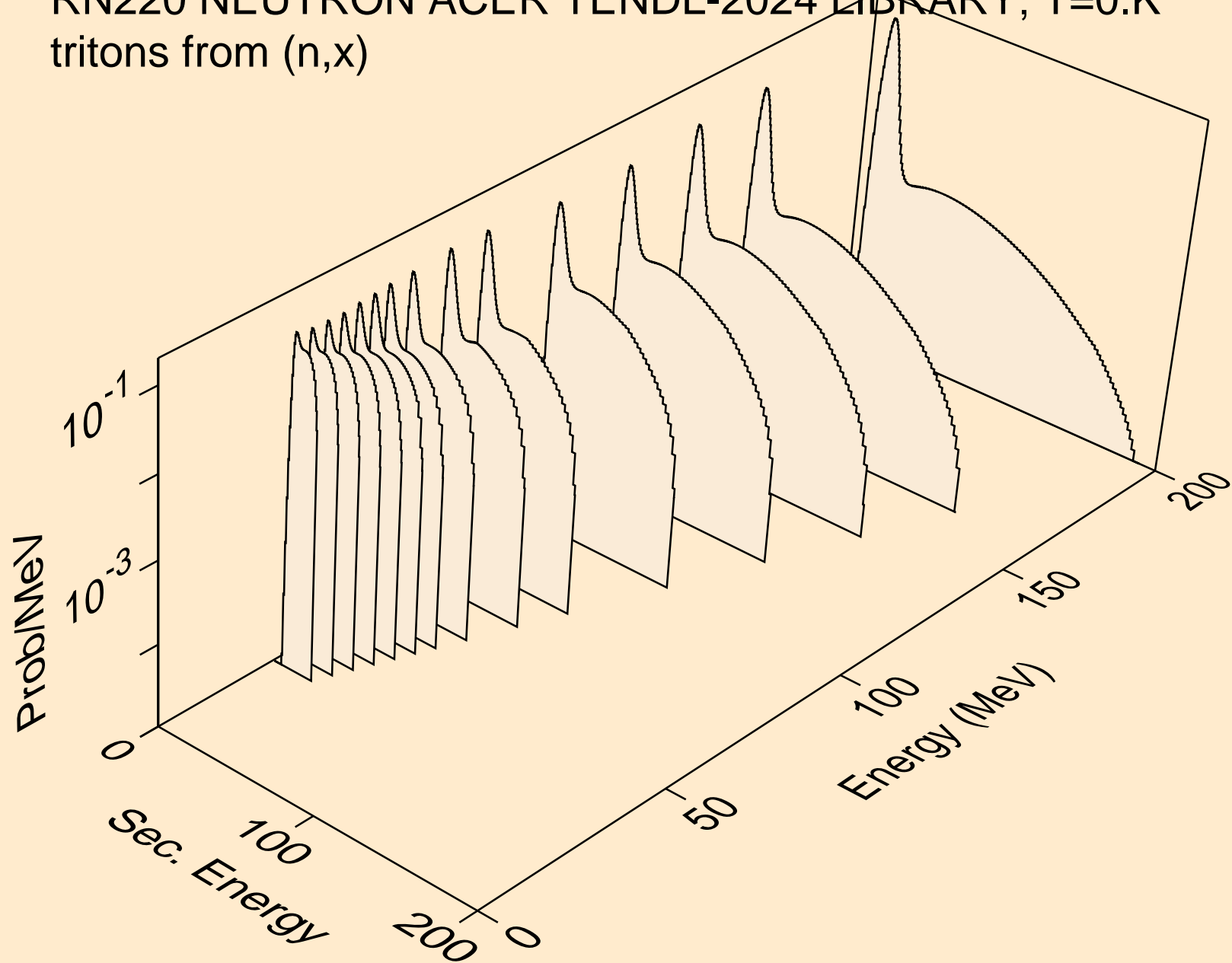
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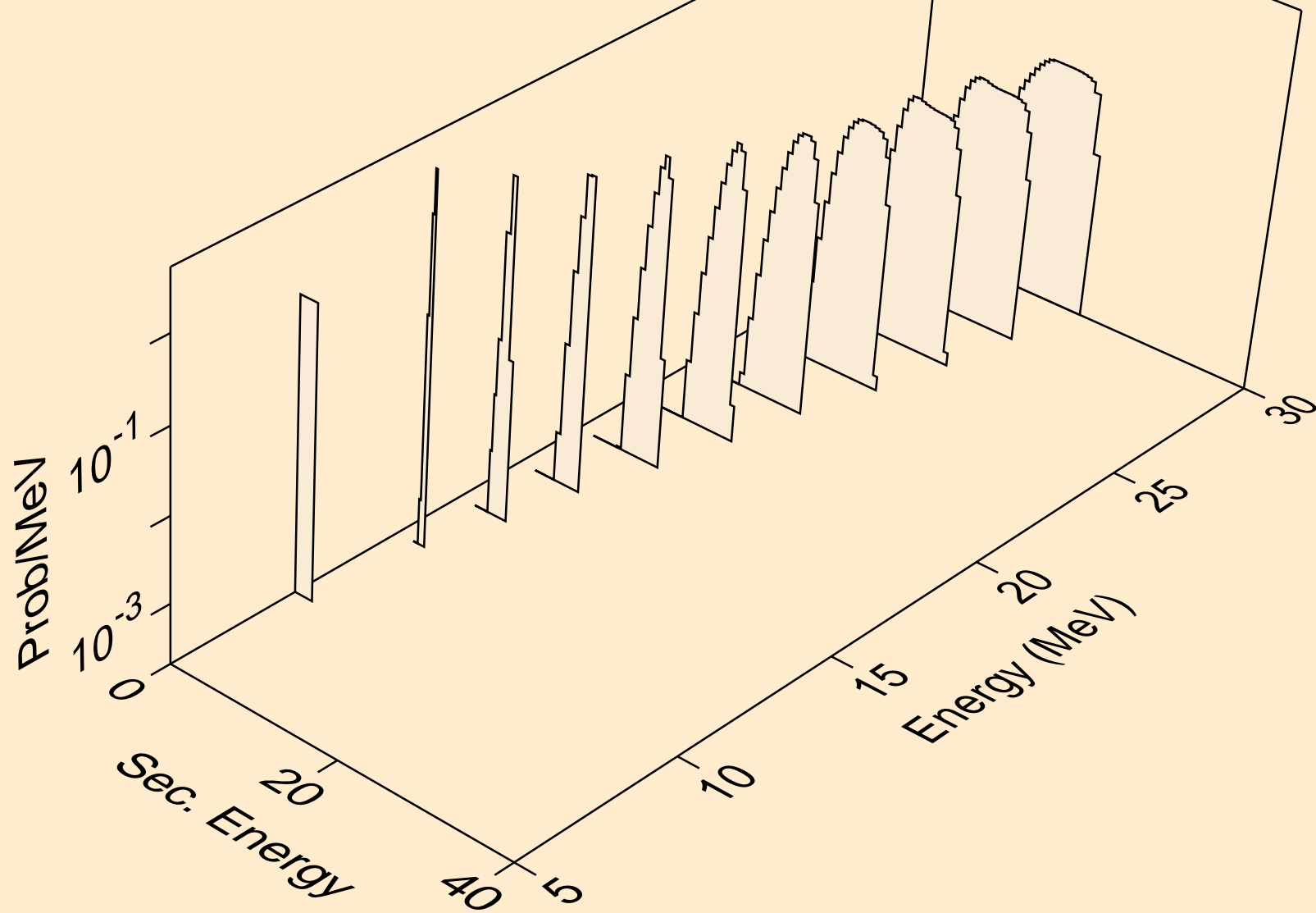
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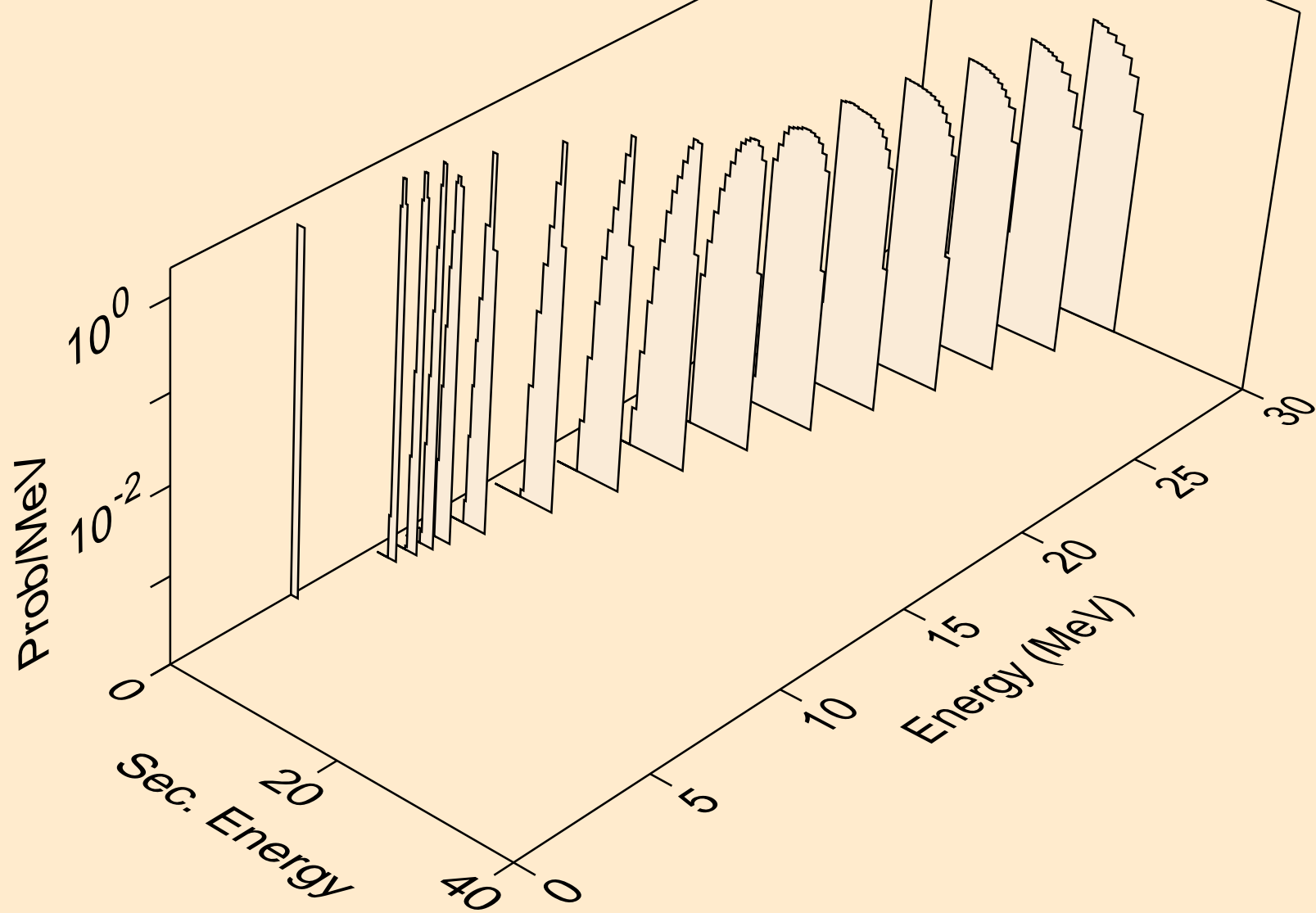
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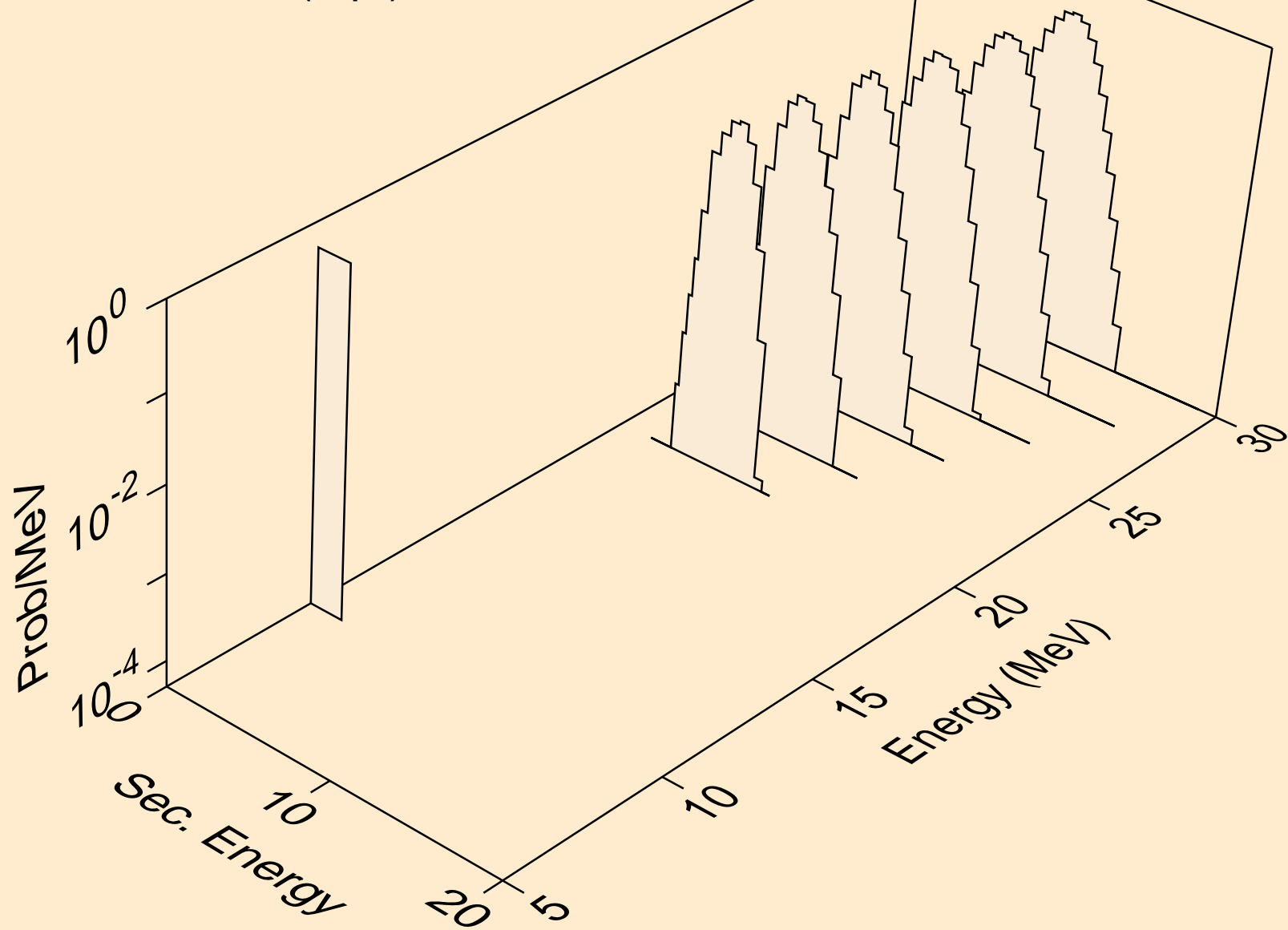
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tritons from (n,n\*)t



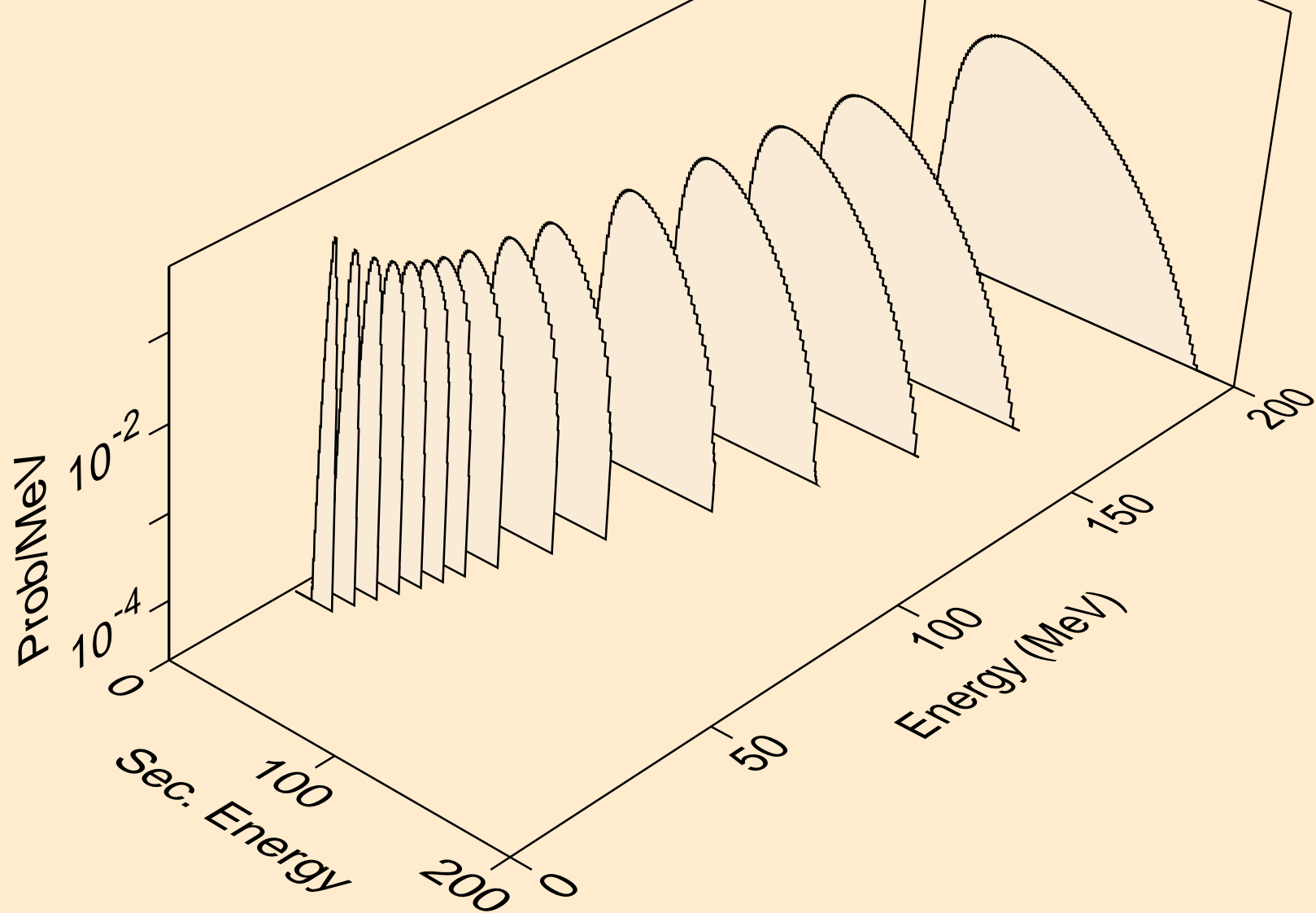
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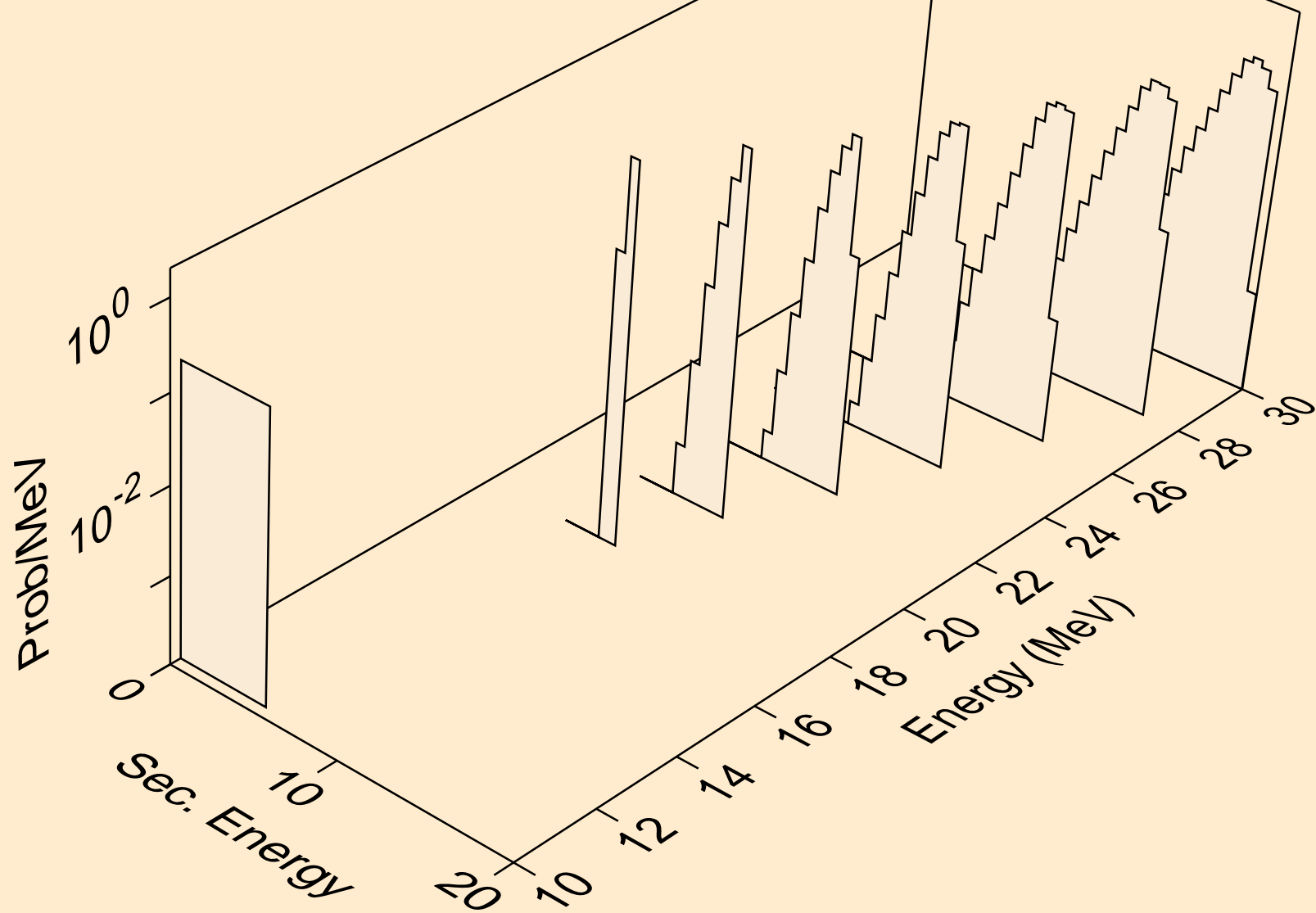
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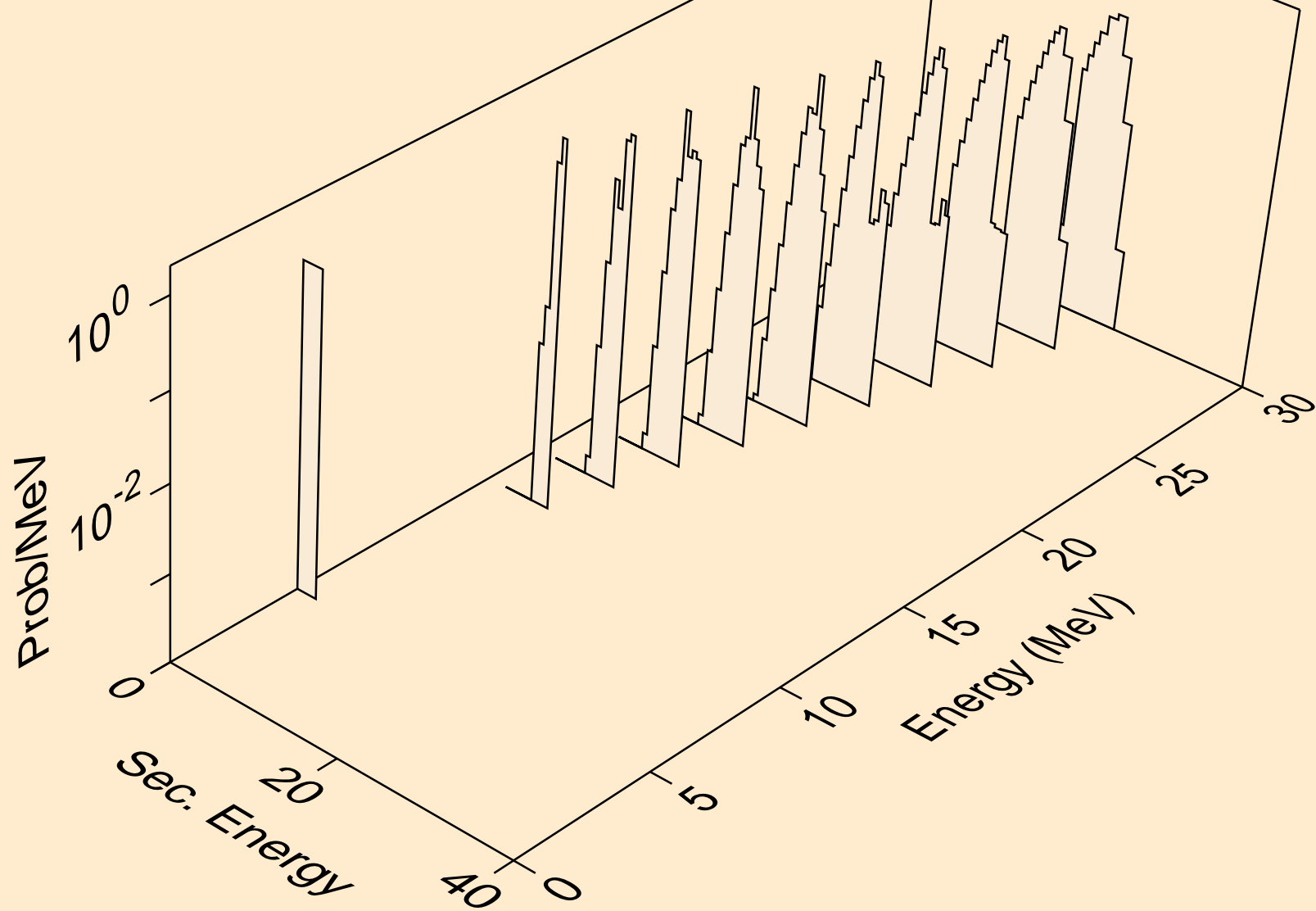
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he3s from (n,x)



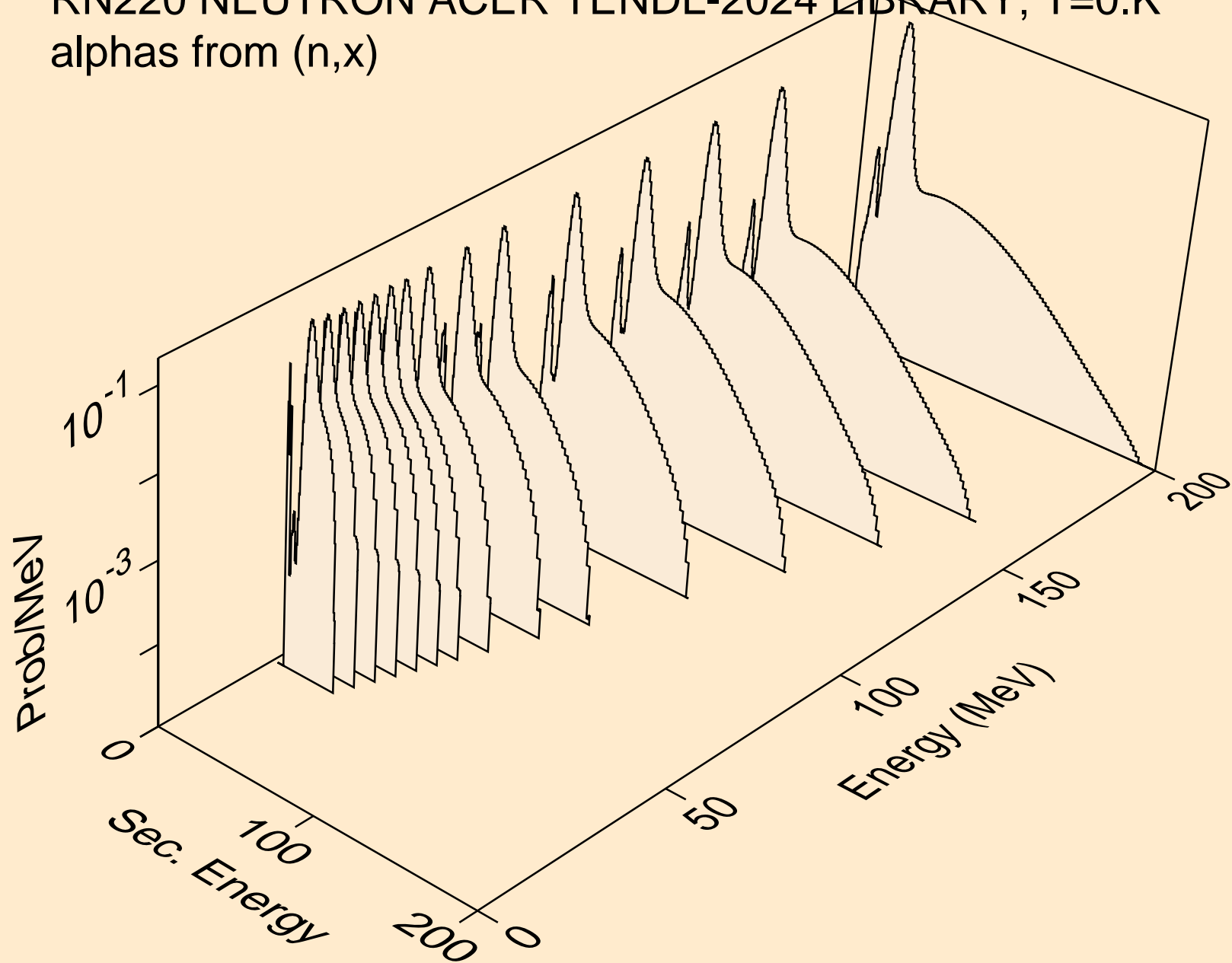
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he3s from (n,n\*)he3



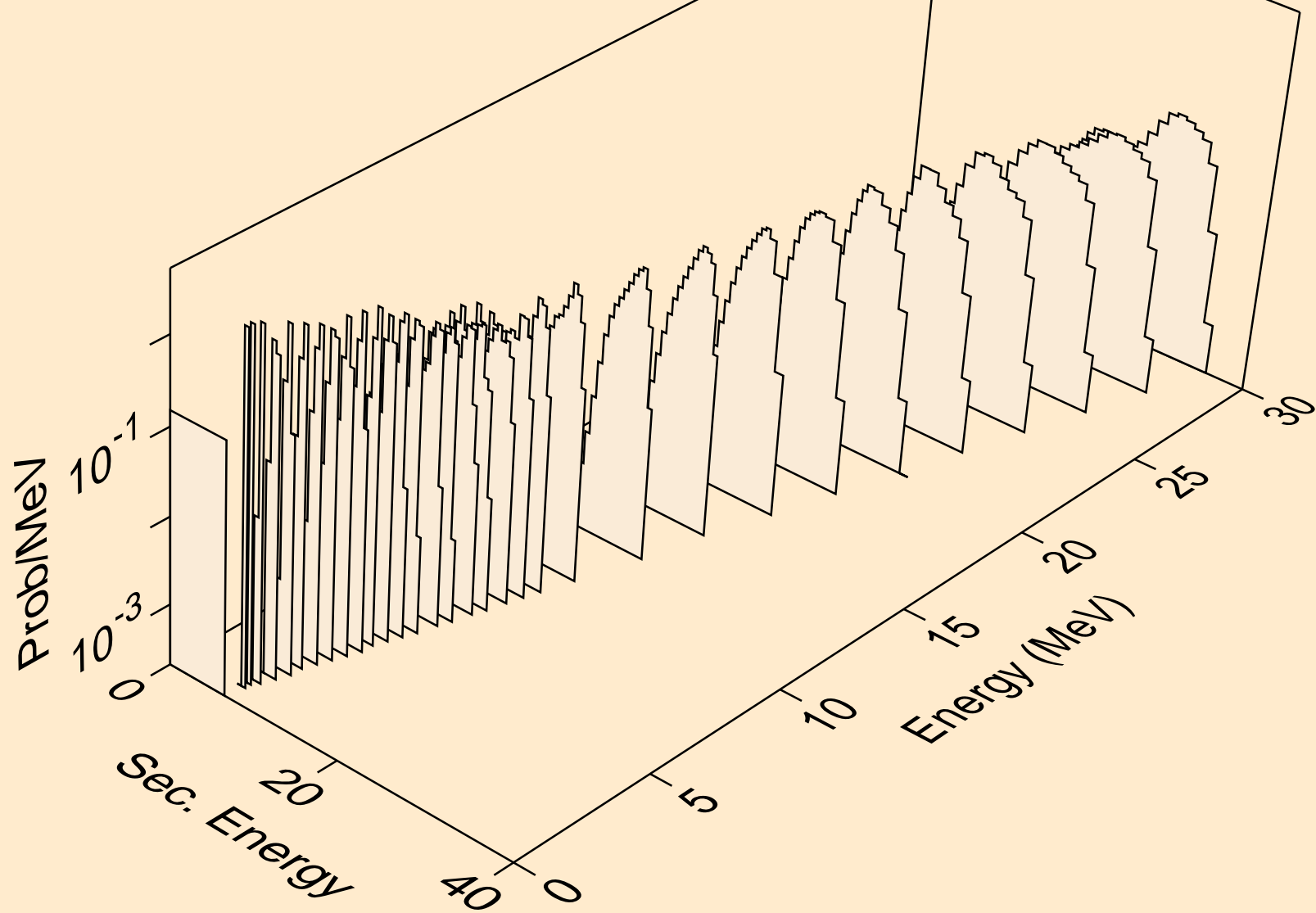
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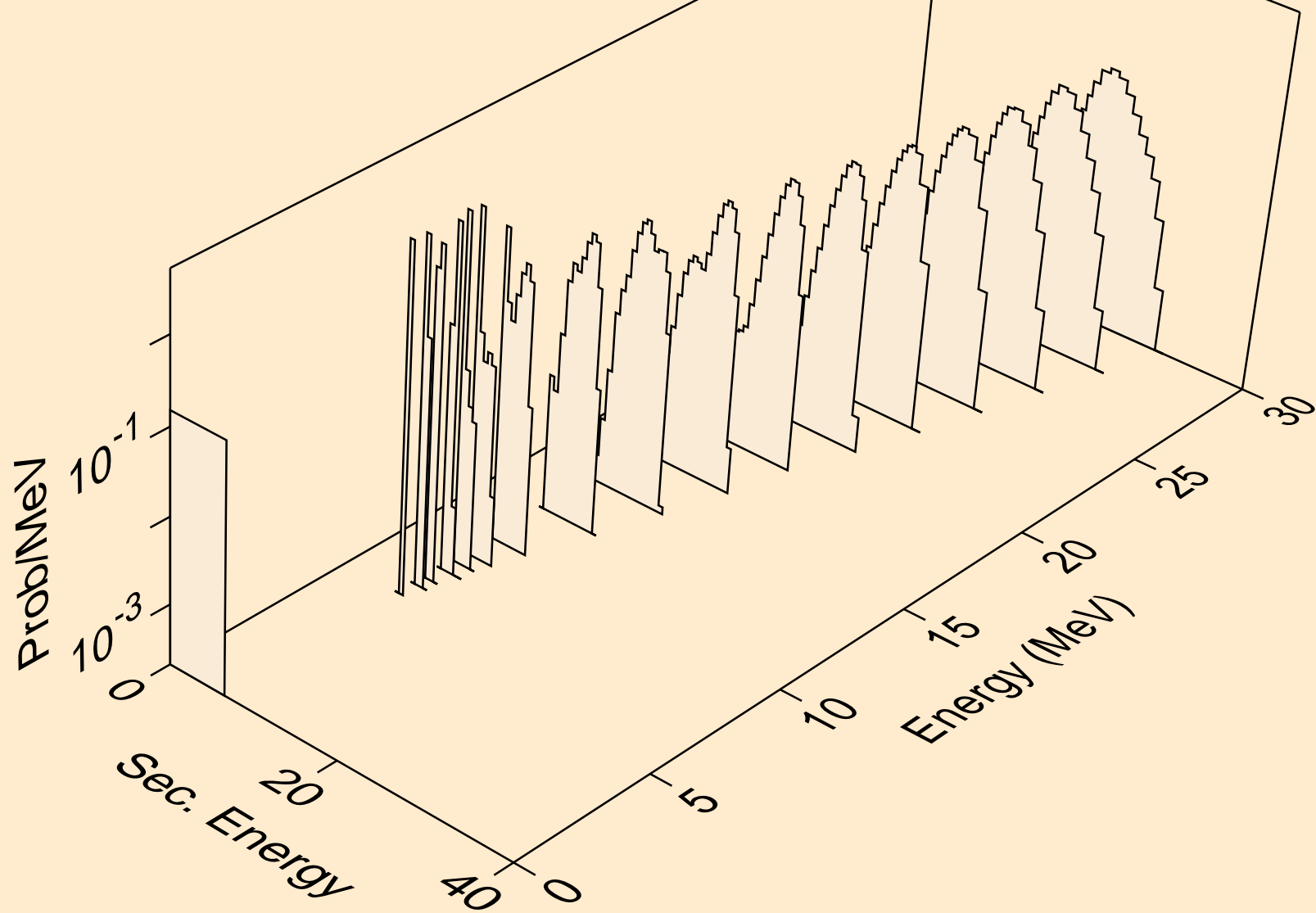
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alphas from (n,x)



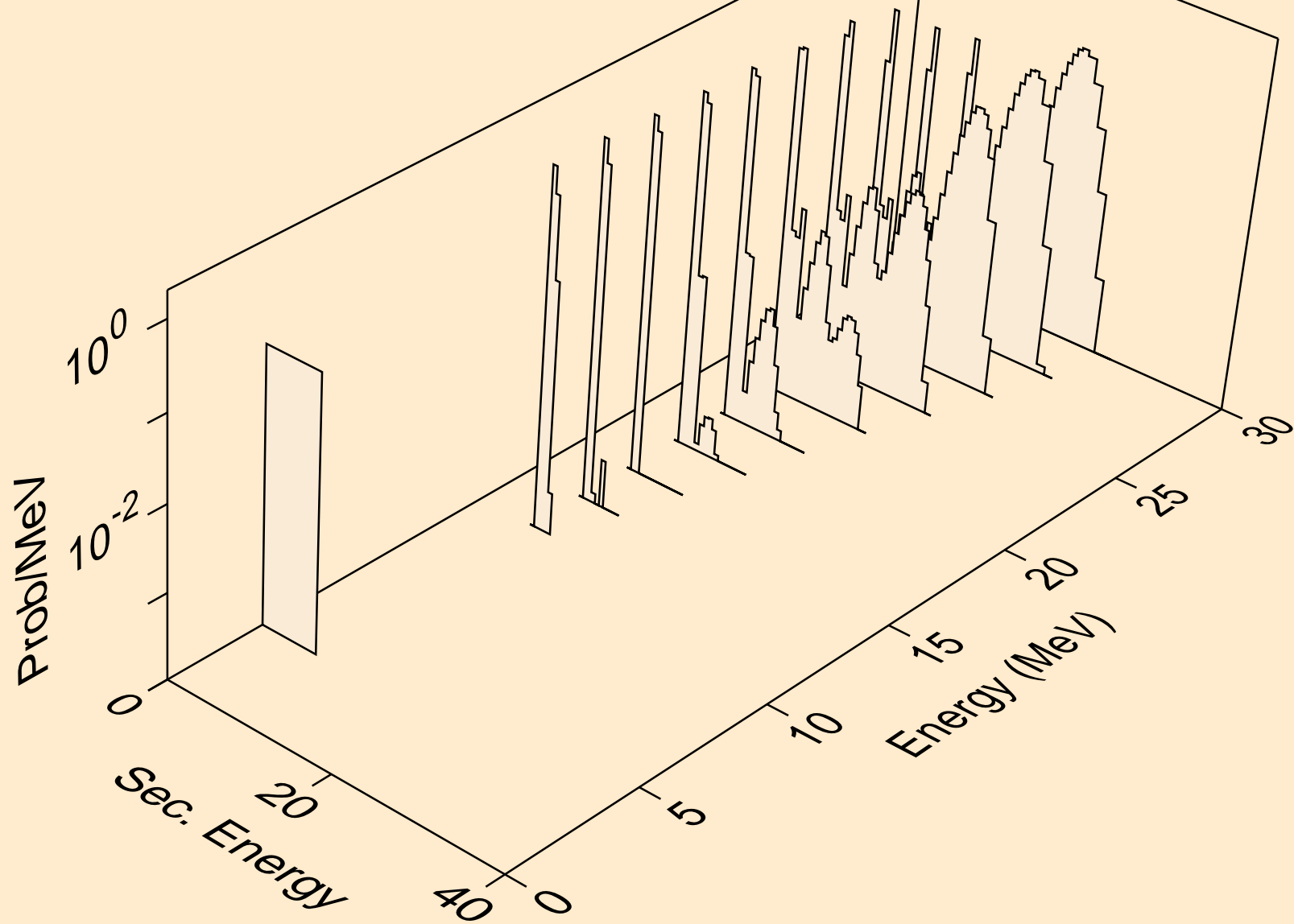
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alphas from (n,n\*)a



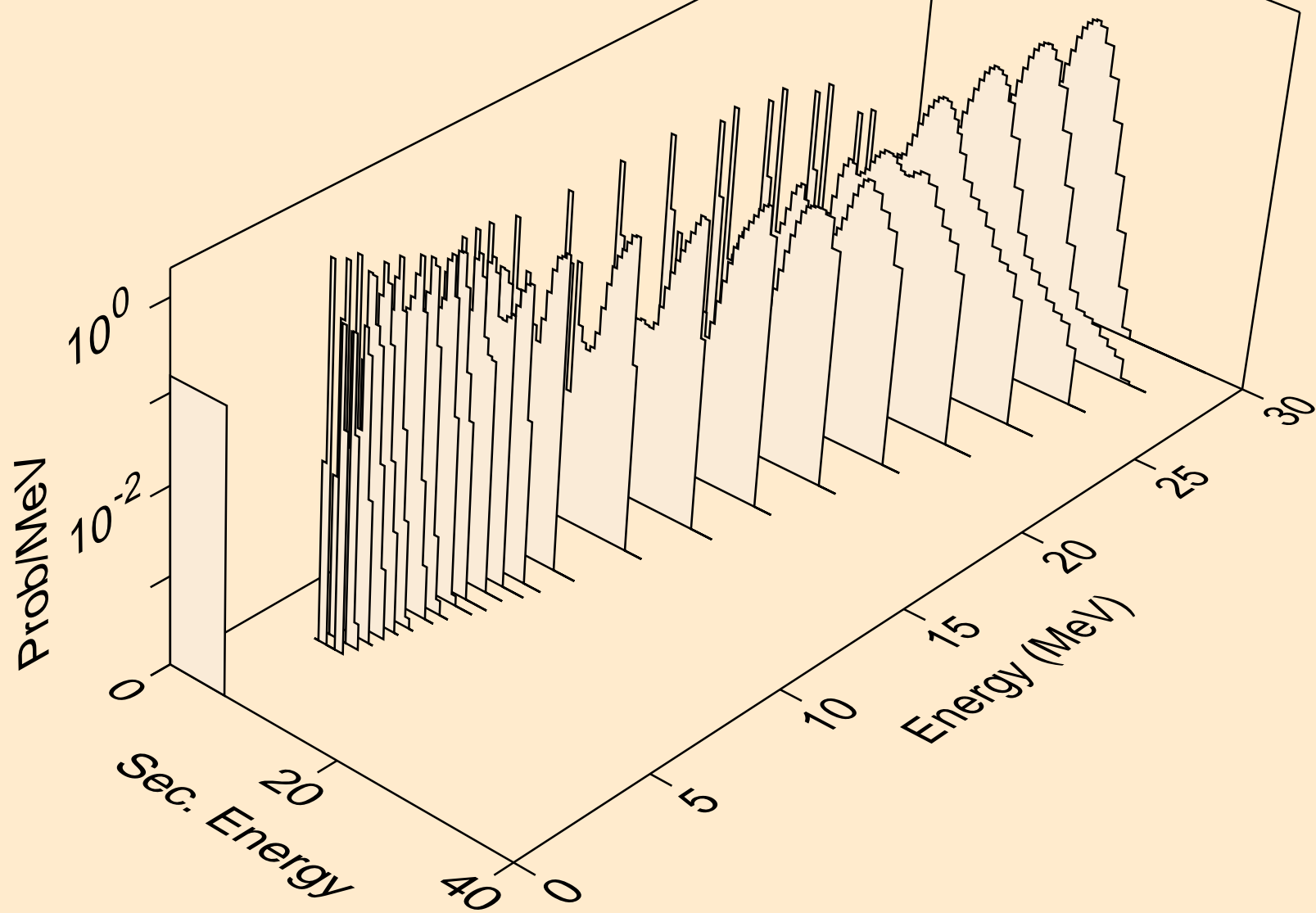
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alphas from (n,2n)a



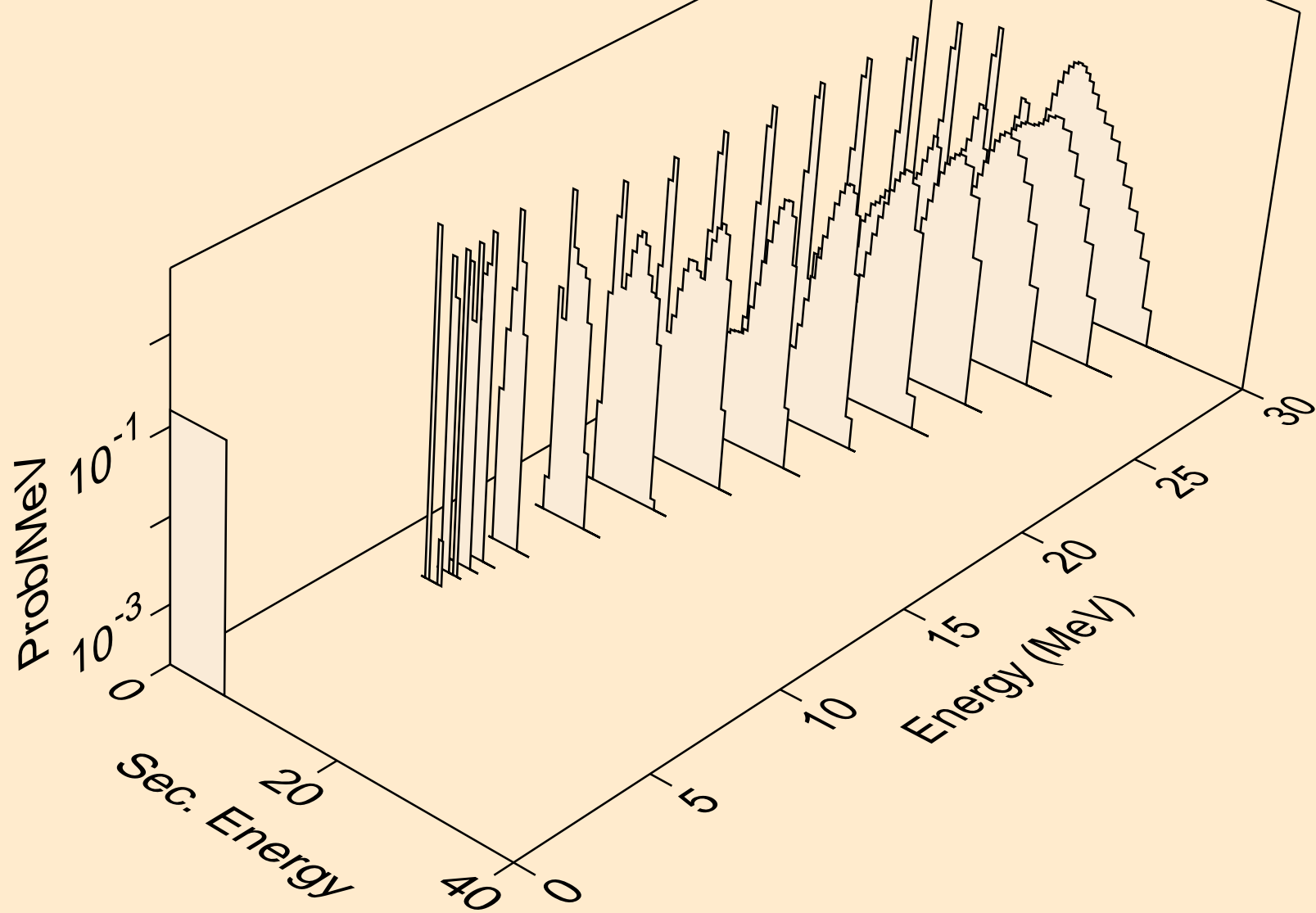
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alphas from (n,3n)a



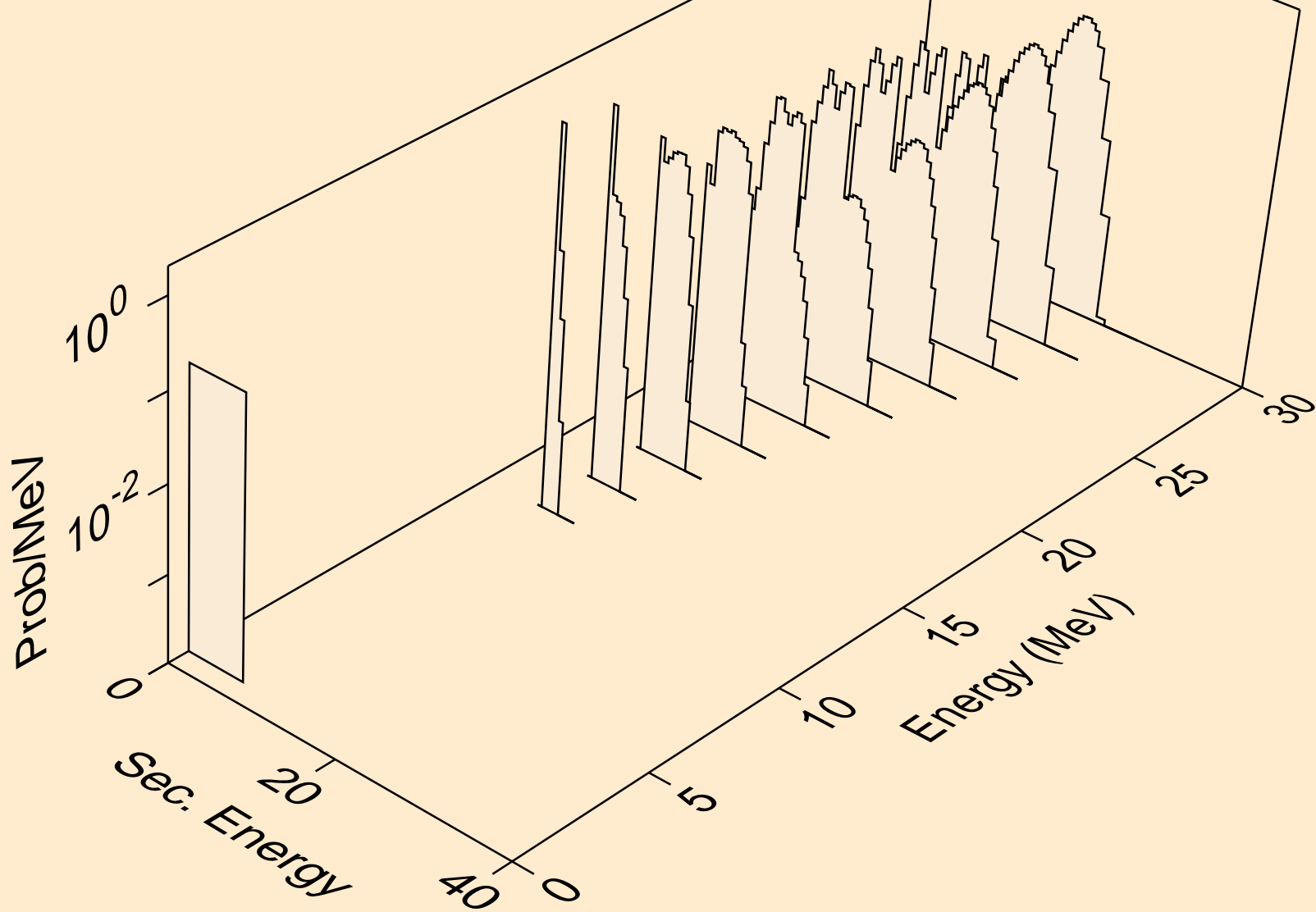
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alphas from (n,n\*)2a



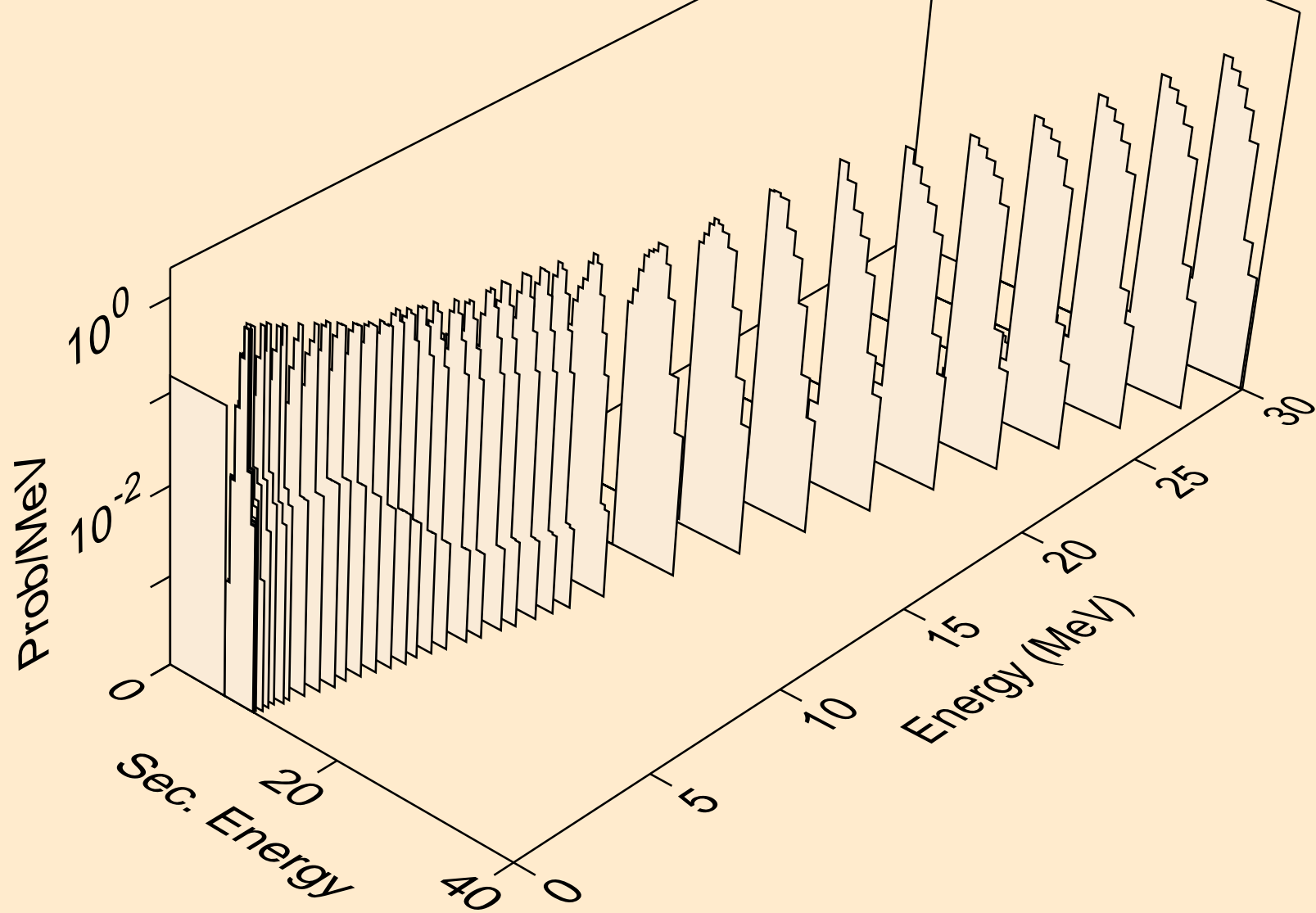
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alphas from (n,2n)2a



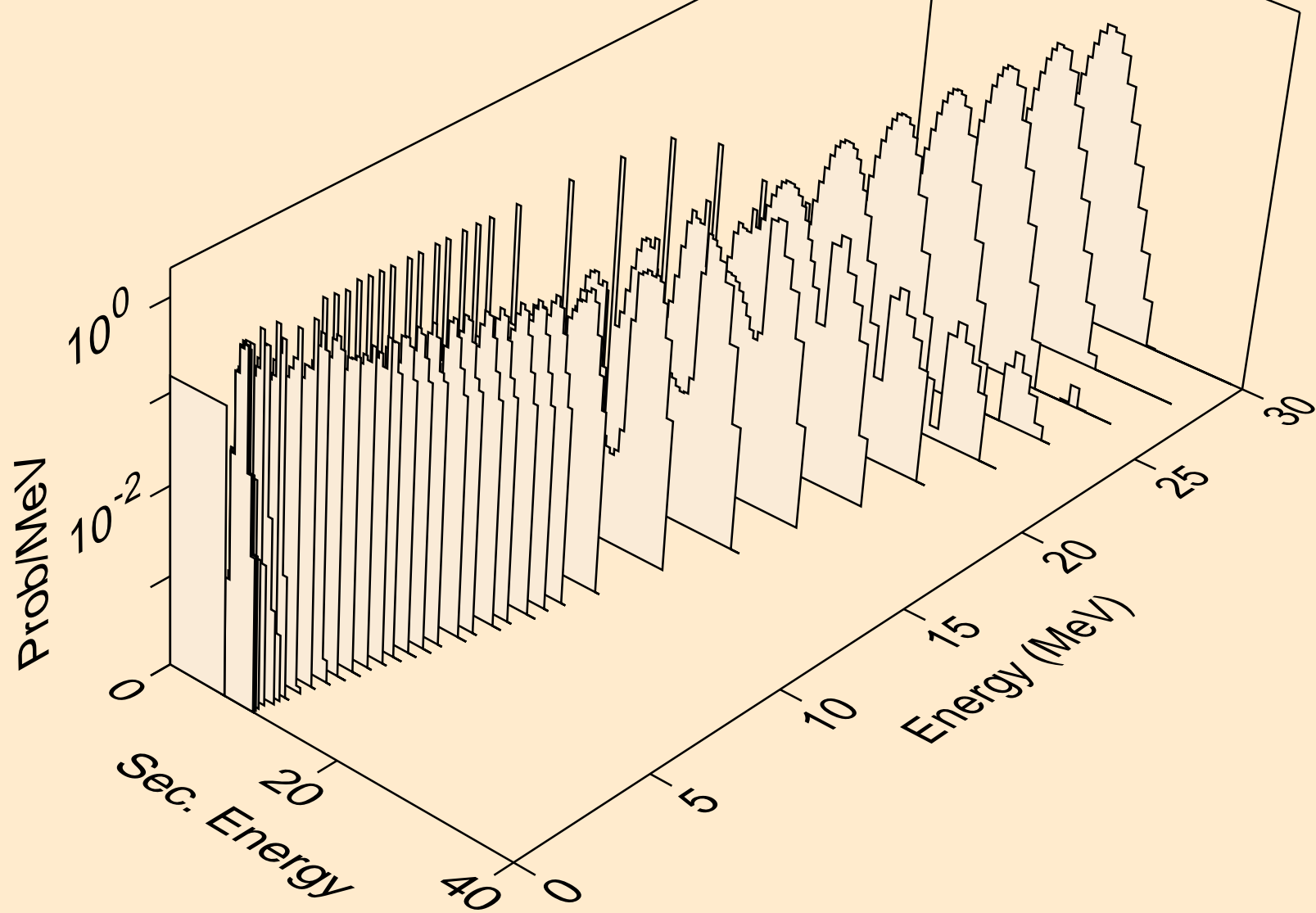
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alphas from (n,npa)



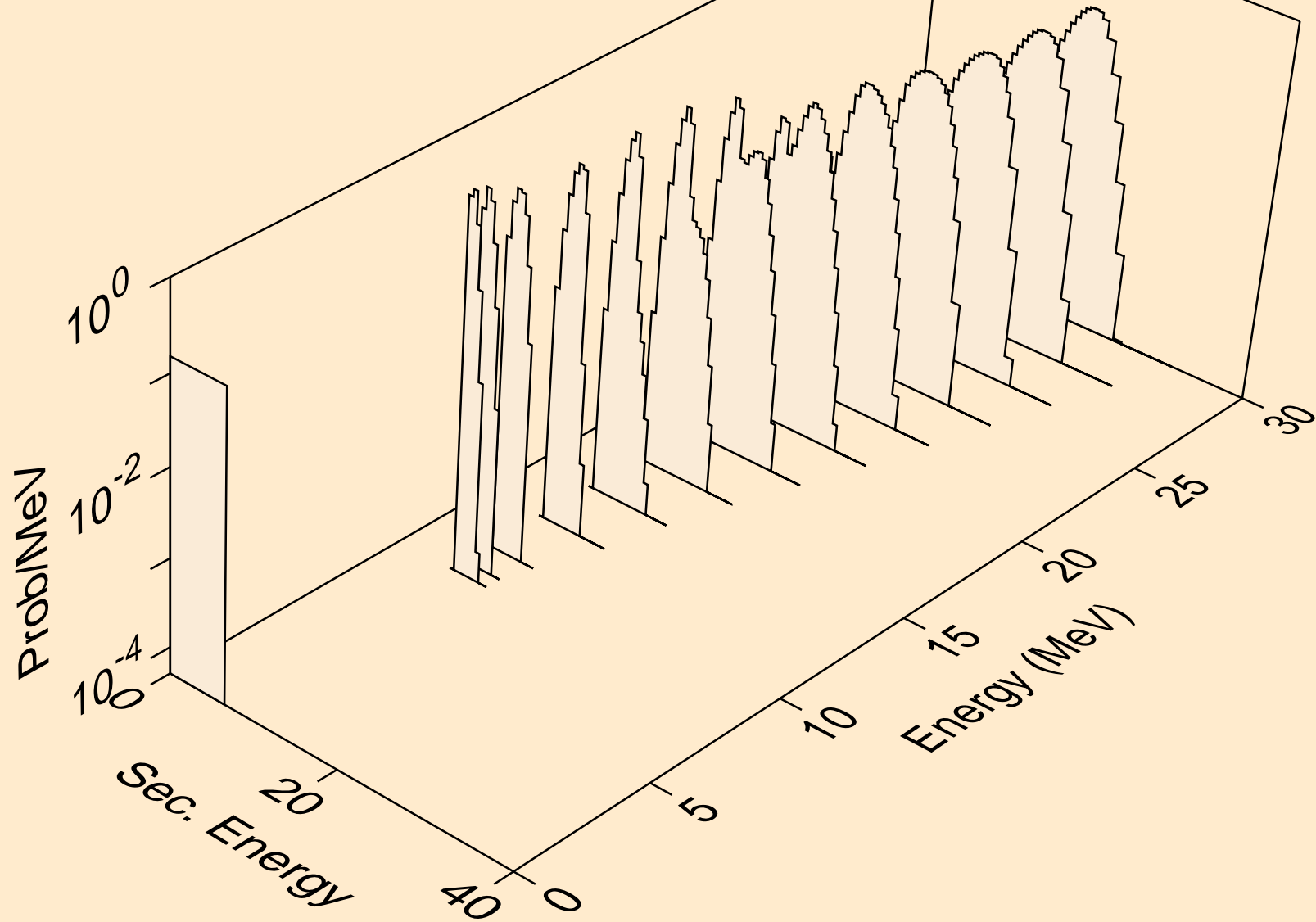
RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



RN220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

