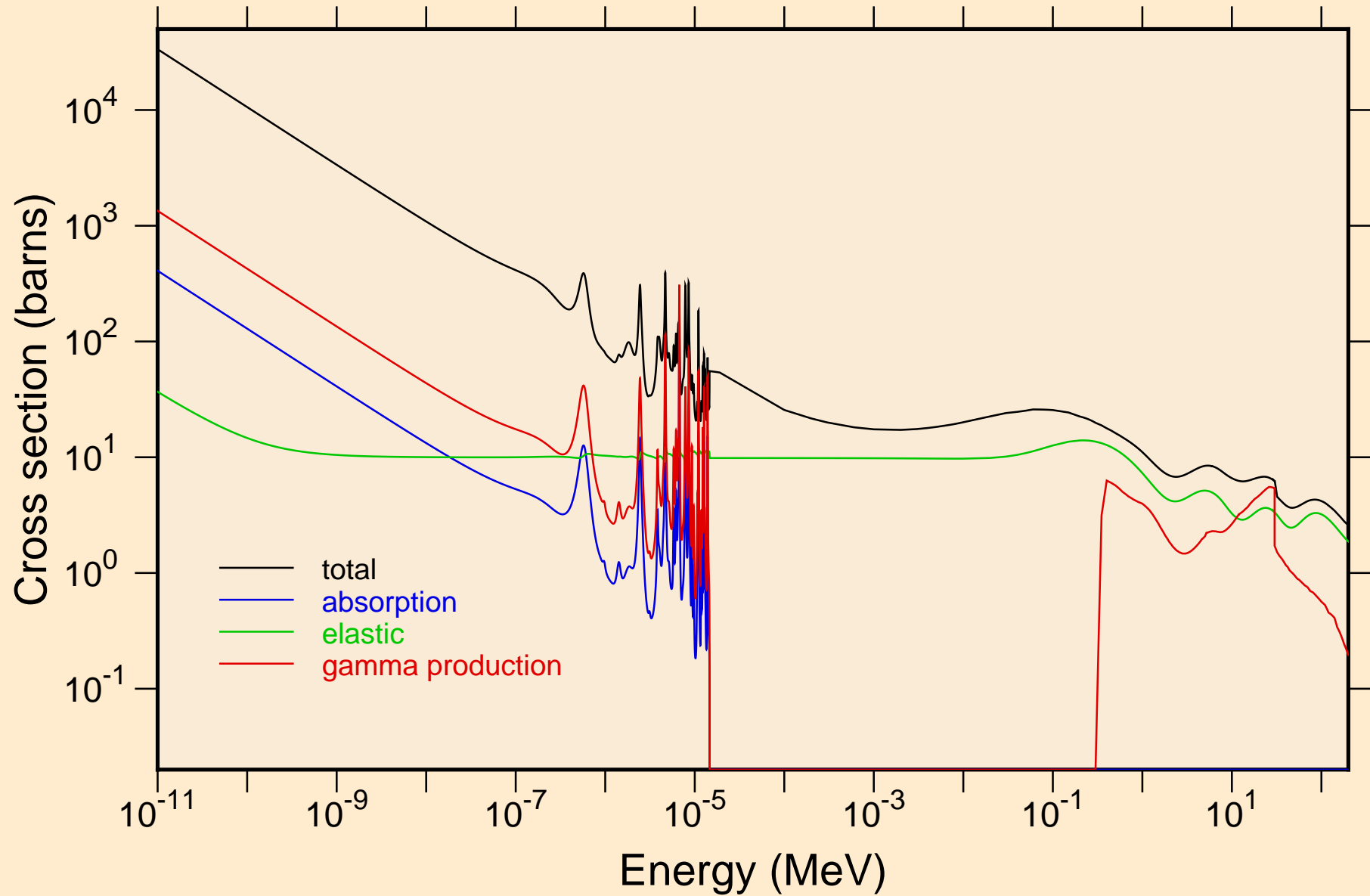
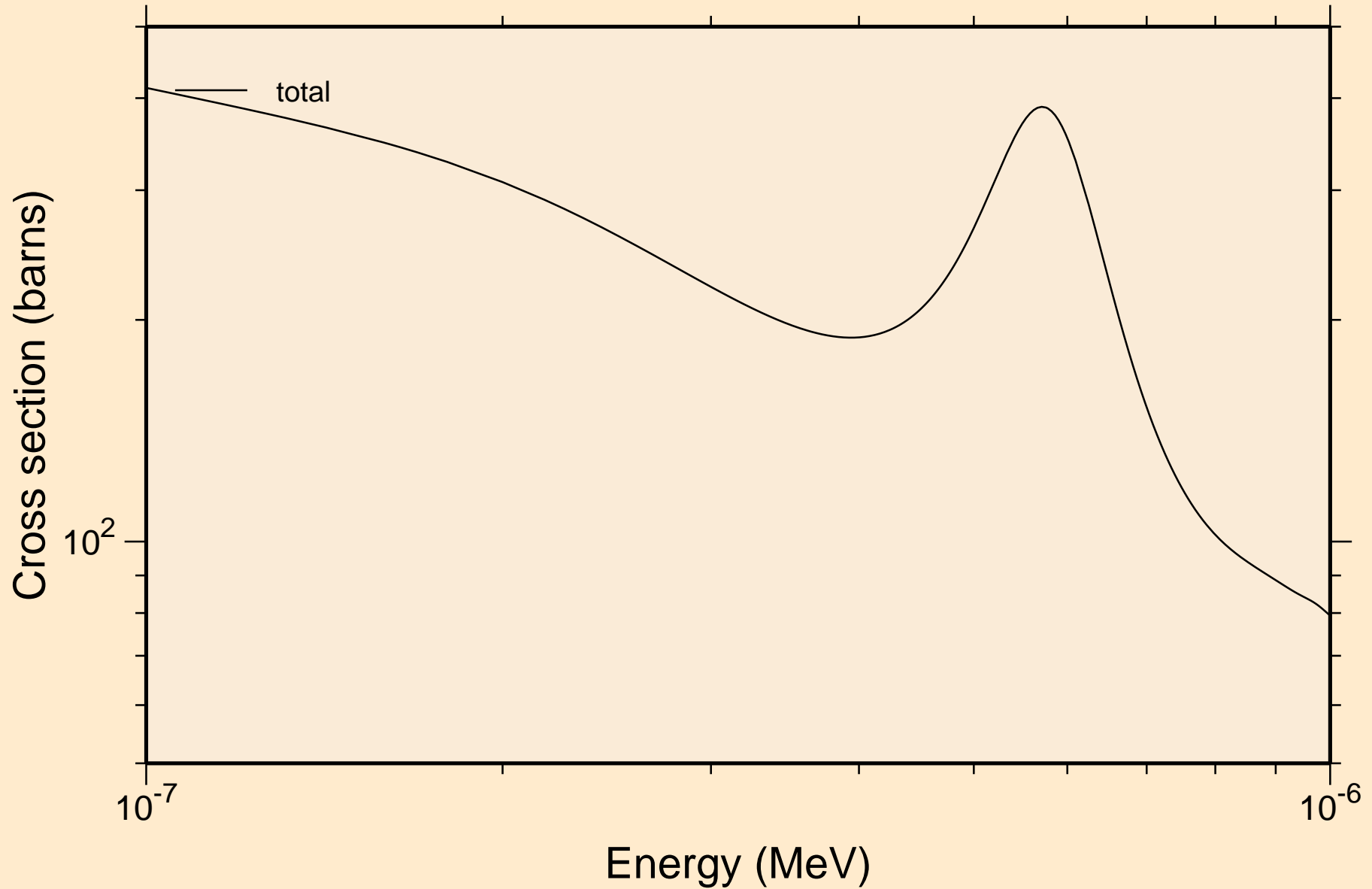


# ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

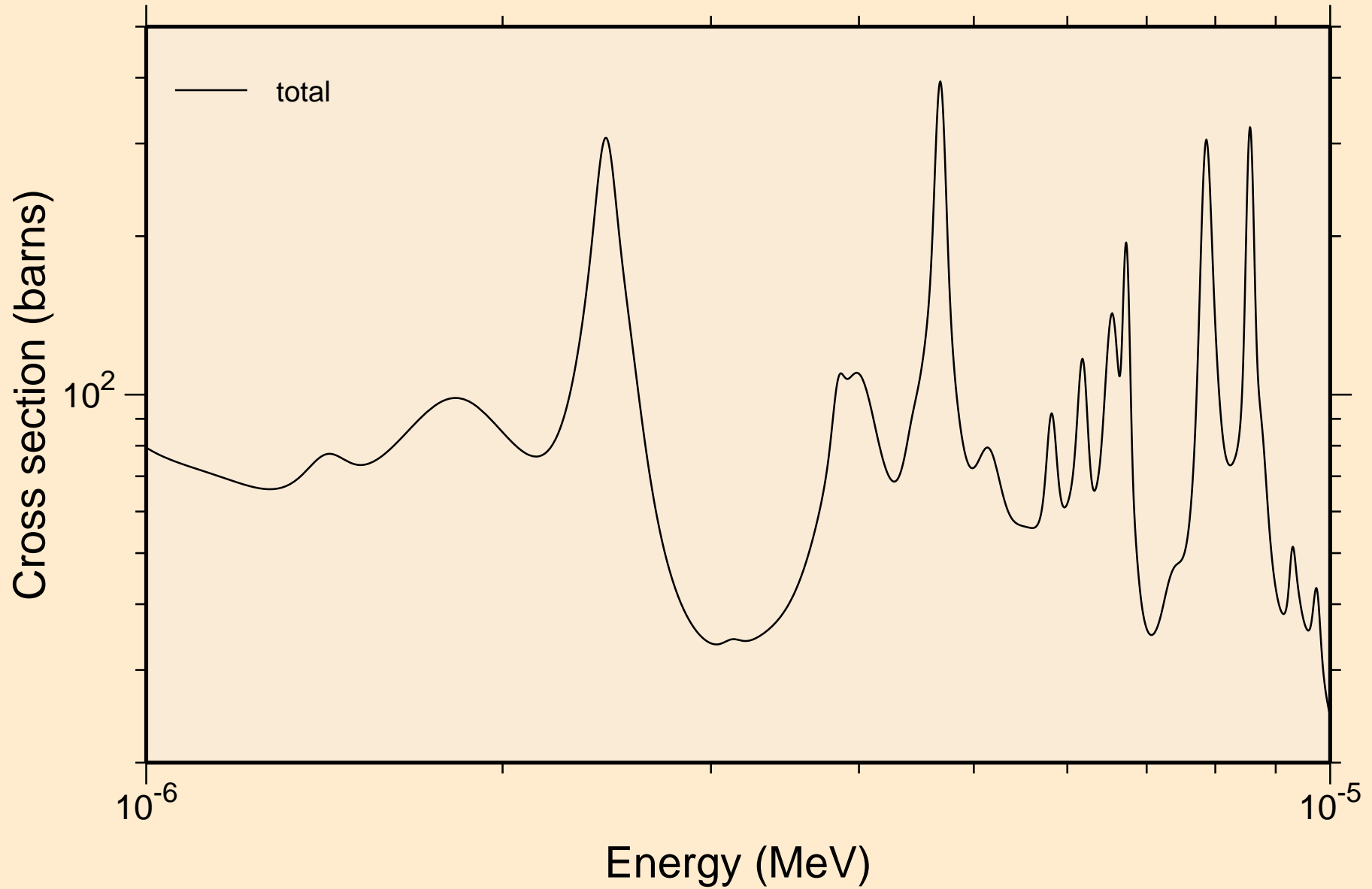
## Principal cross sections



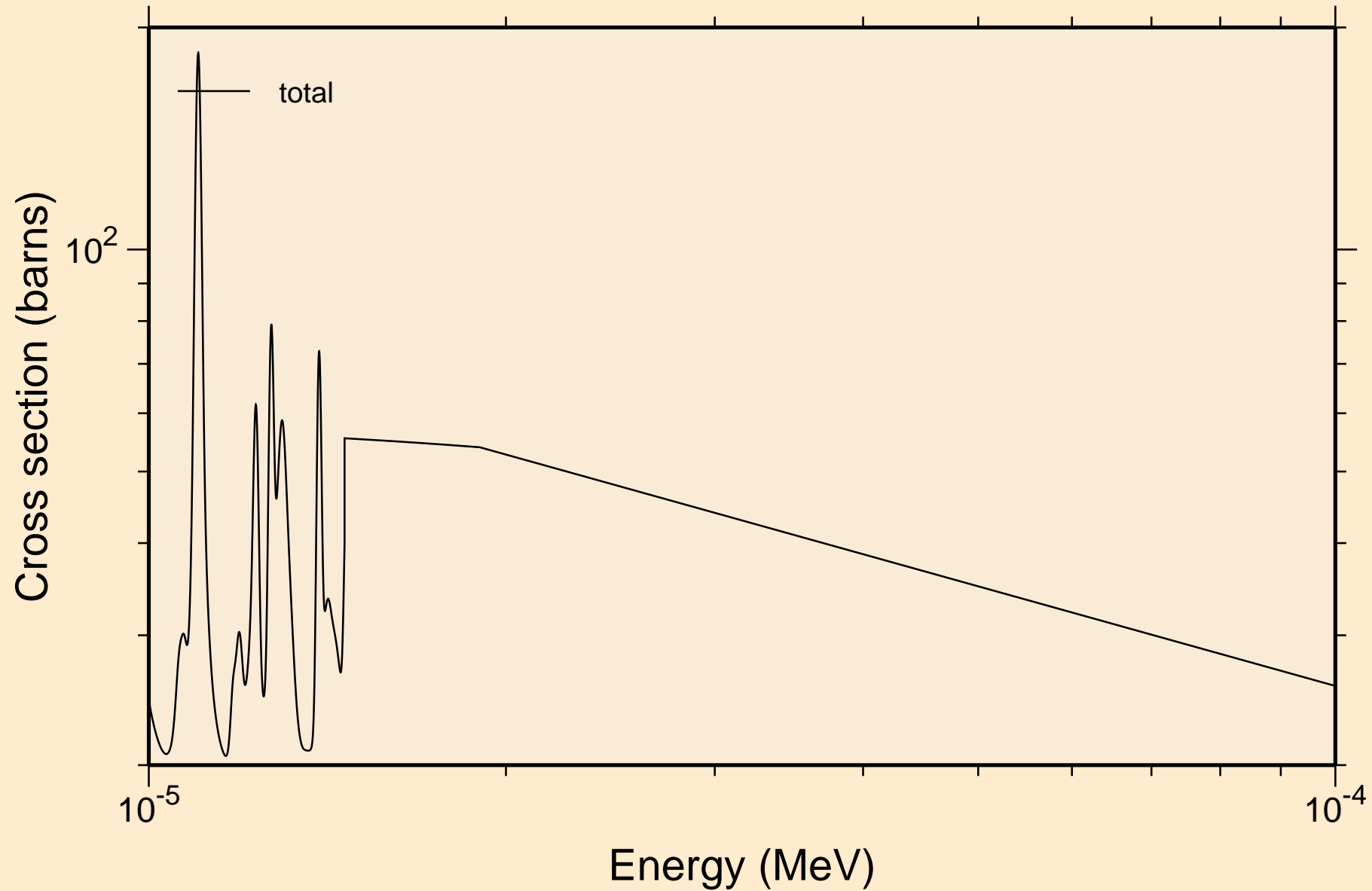
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resonance total cross section



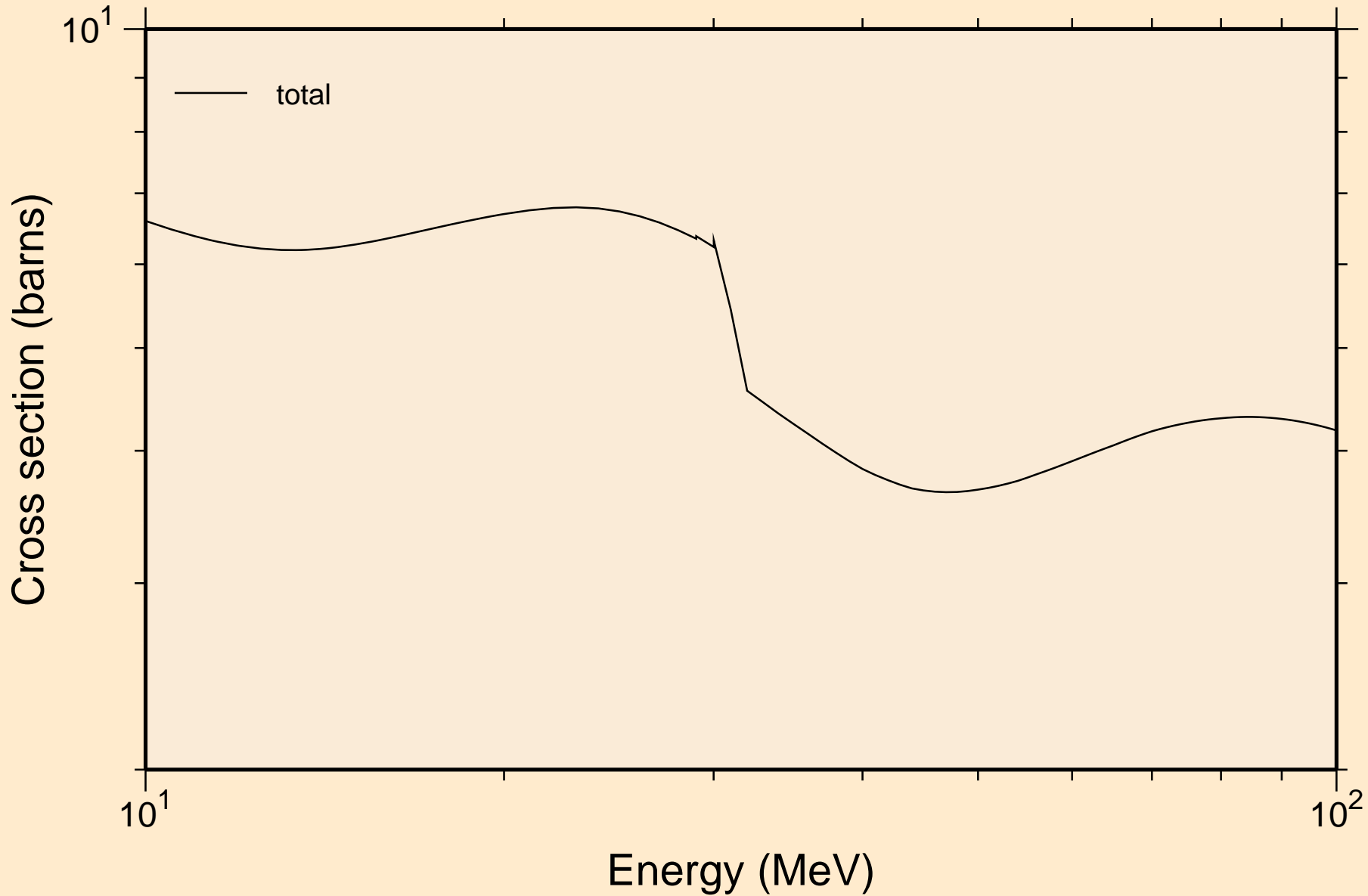
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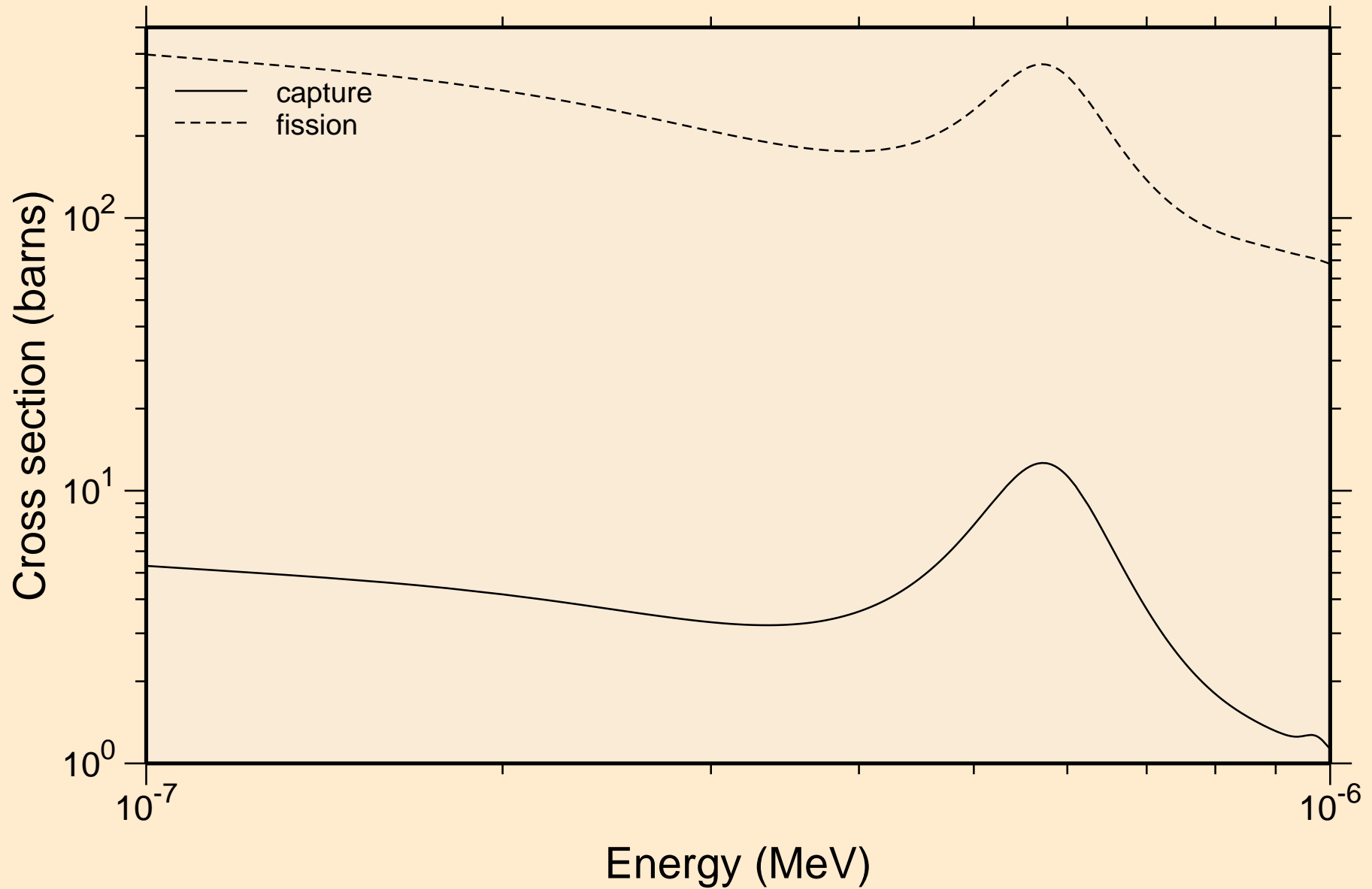
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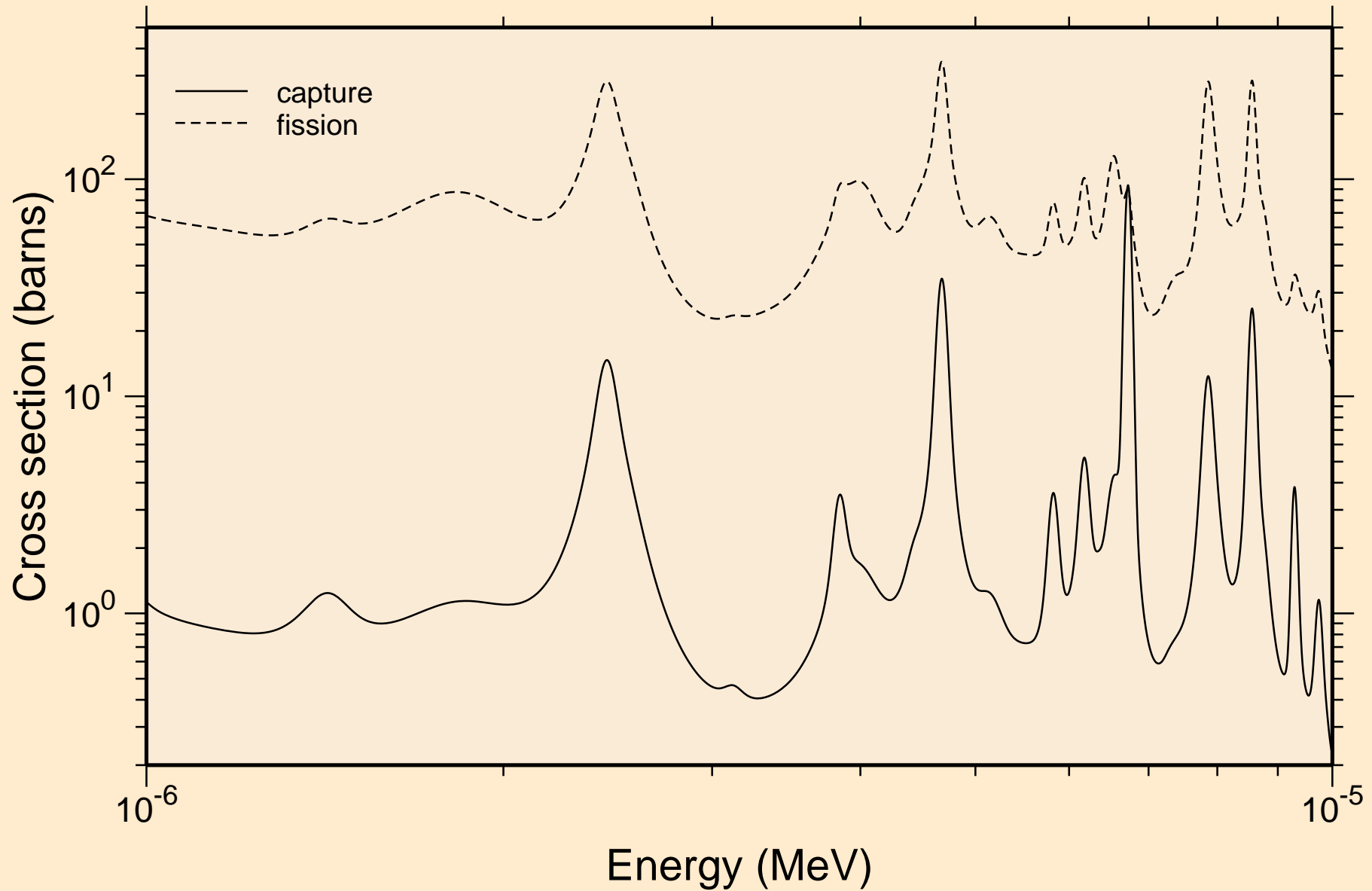
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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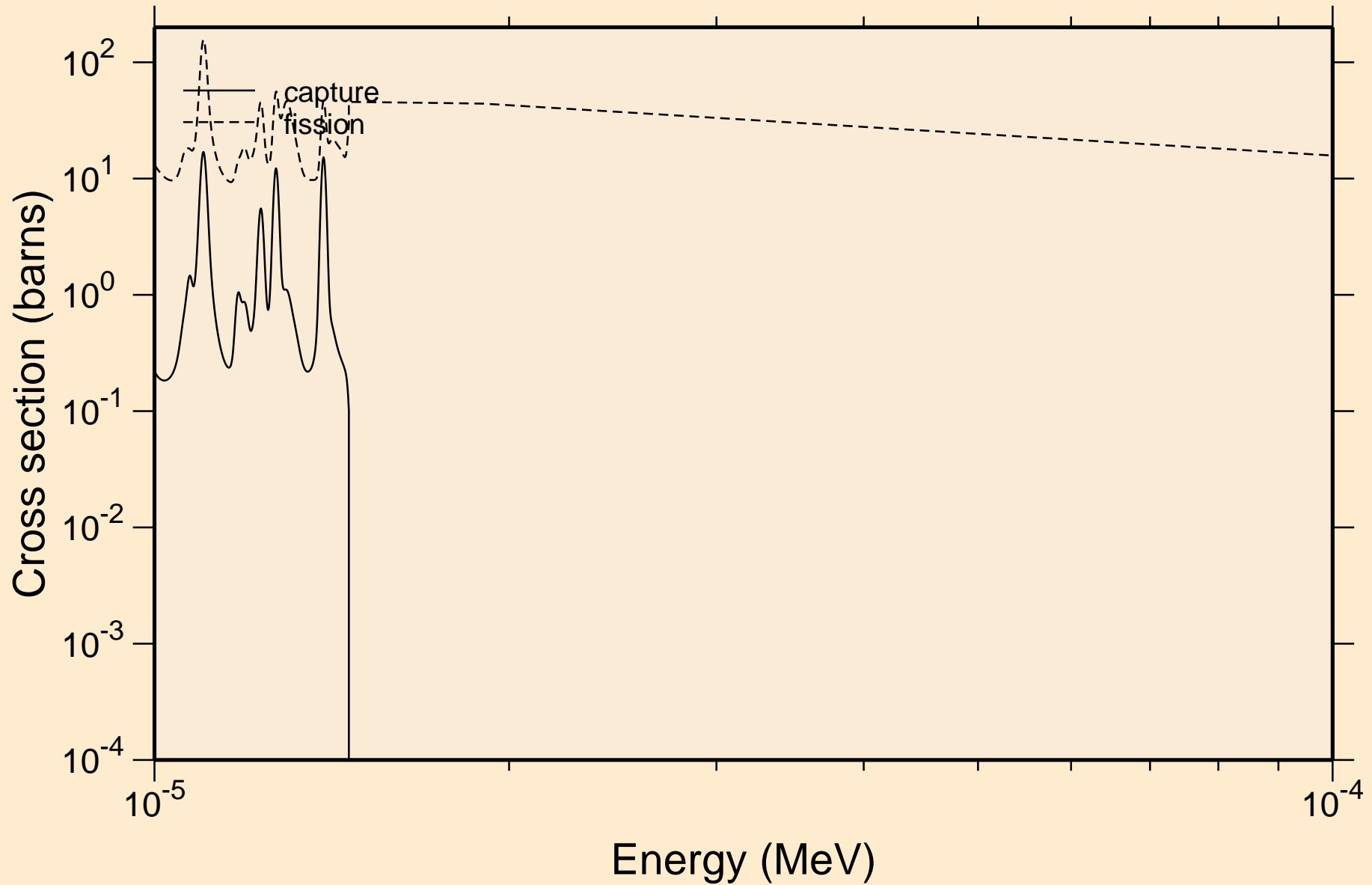
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resonance absorption cross sections



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

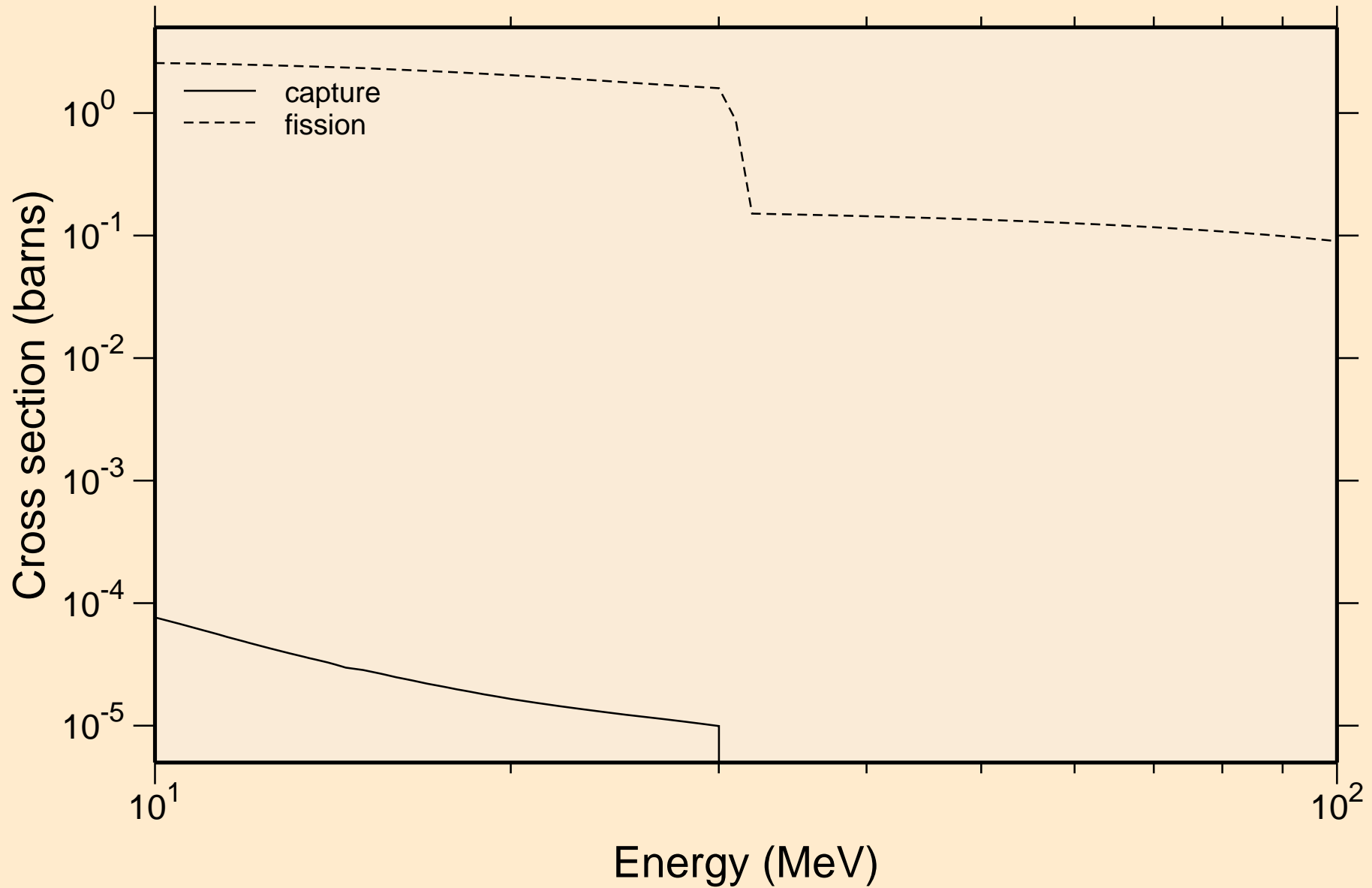


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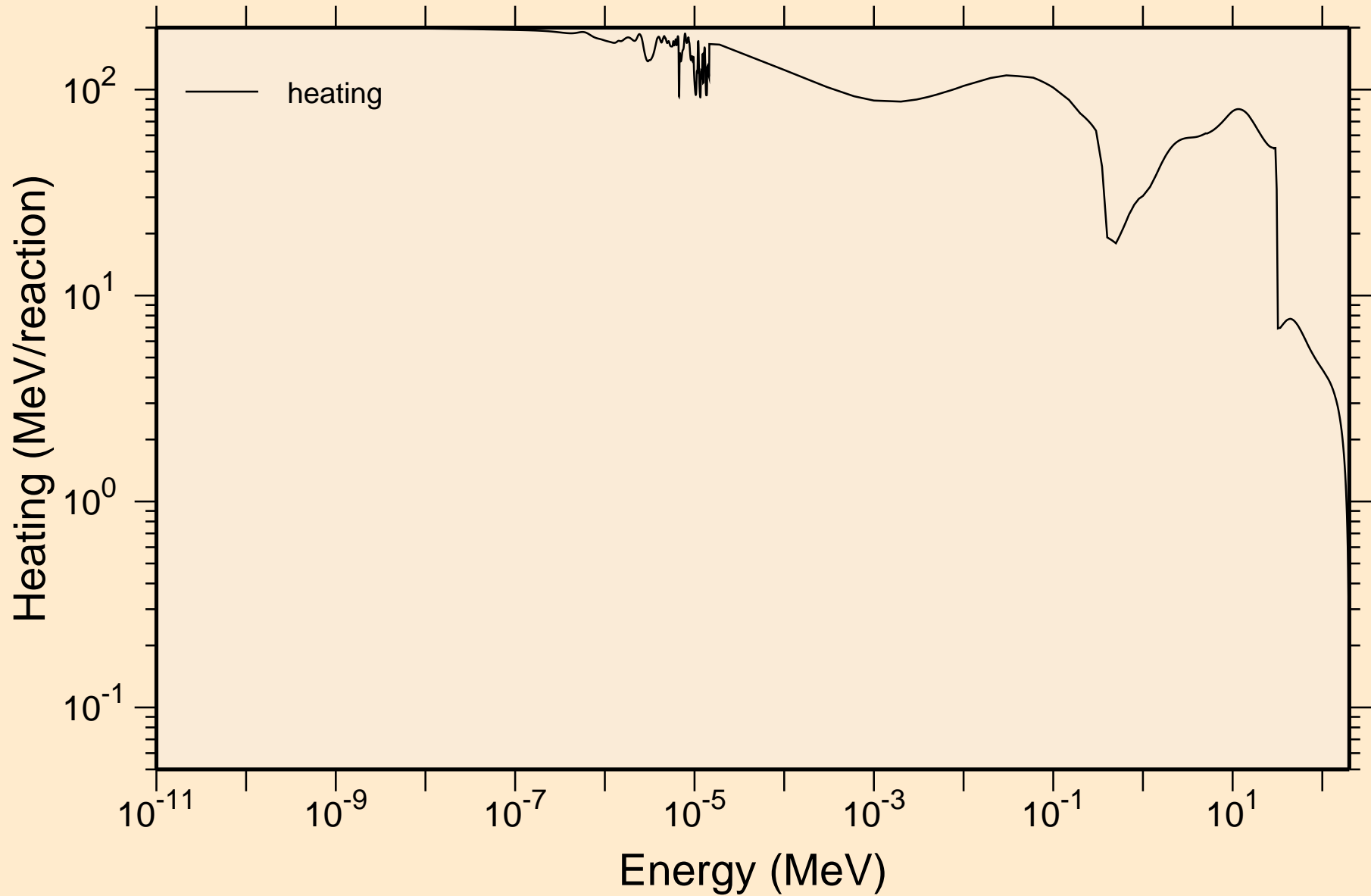




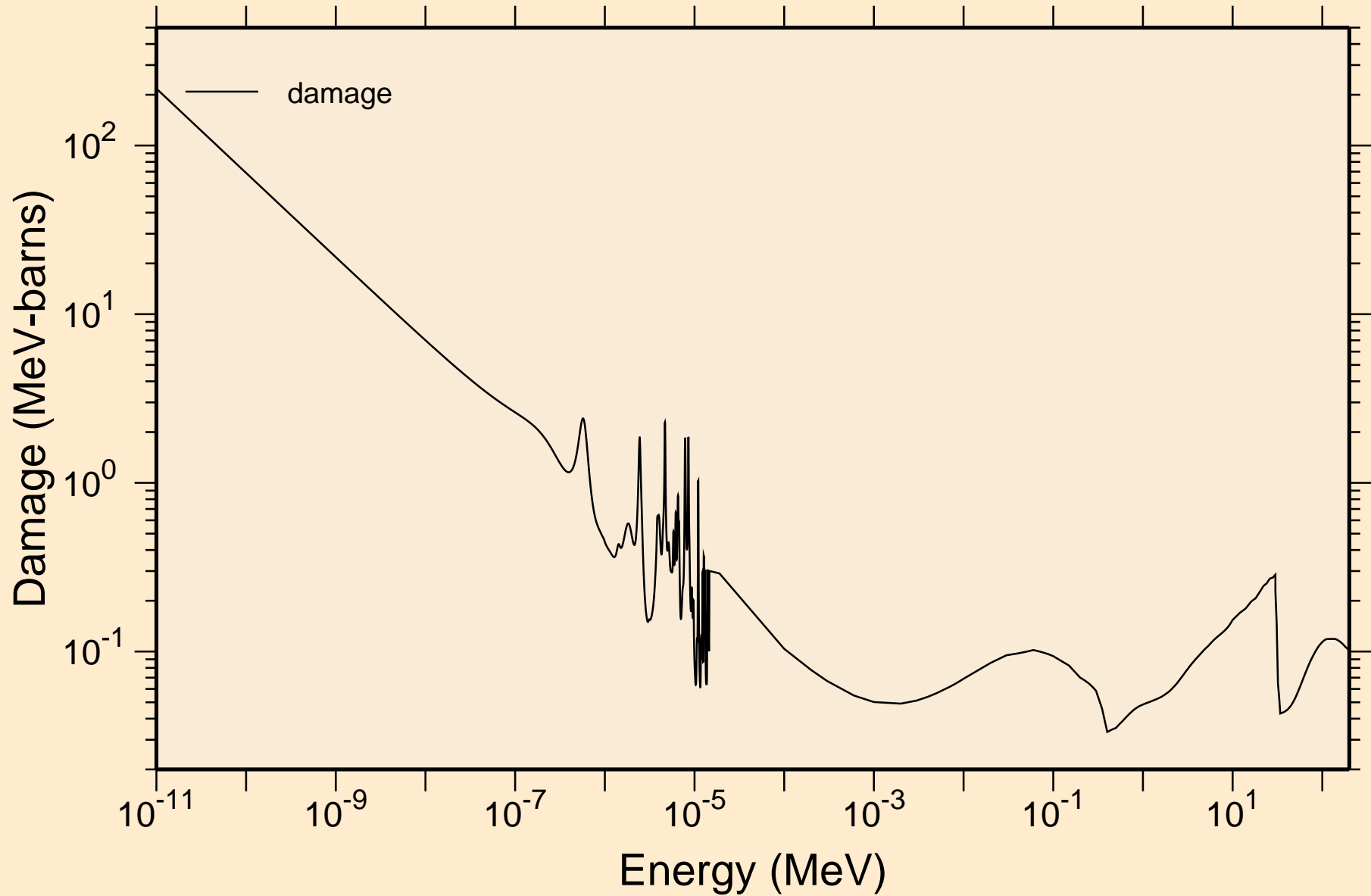
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resonance absorption cross sections



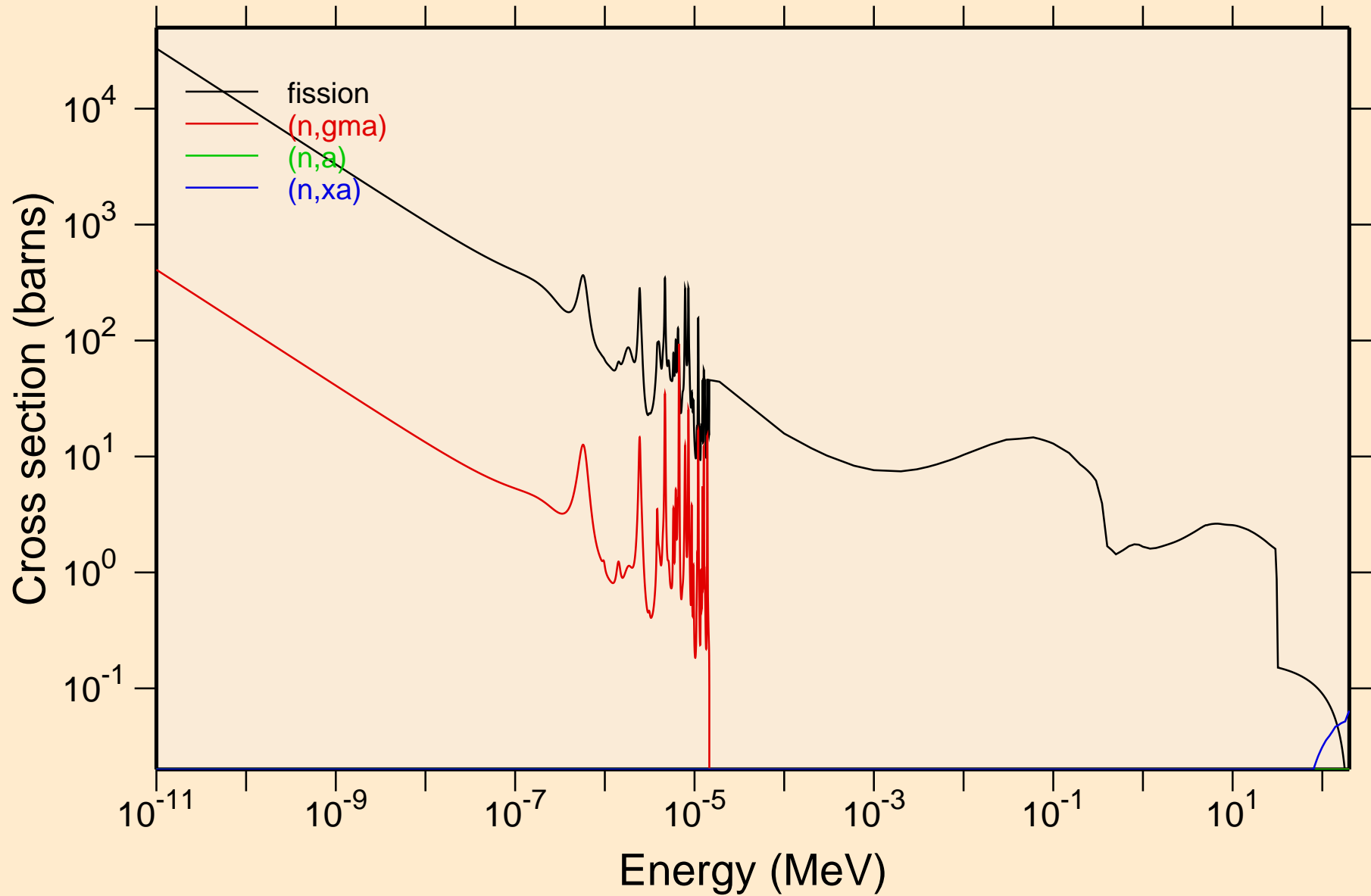
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Heating



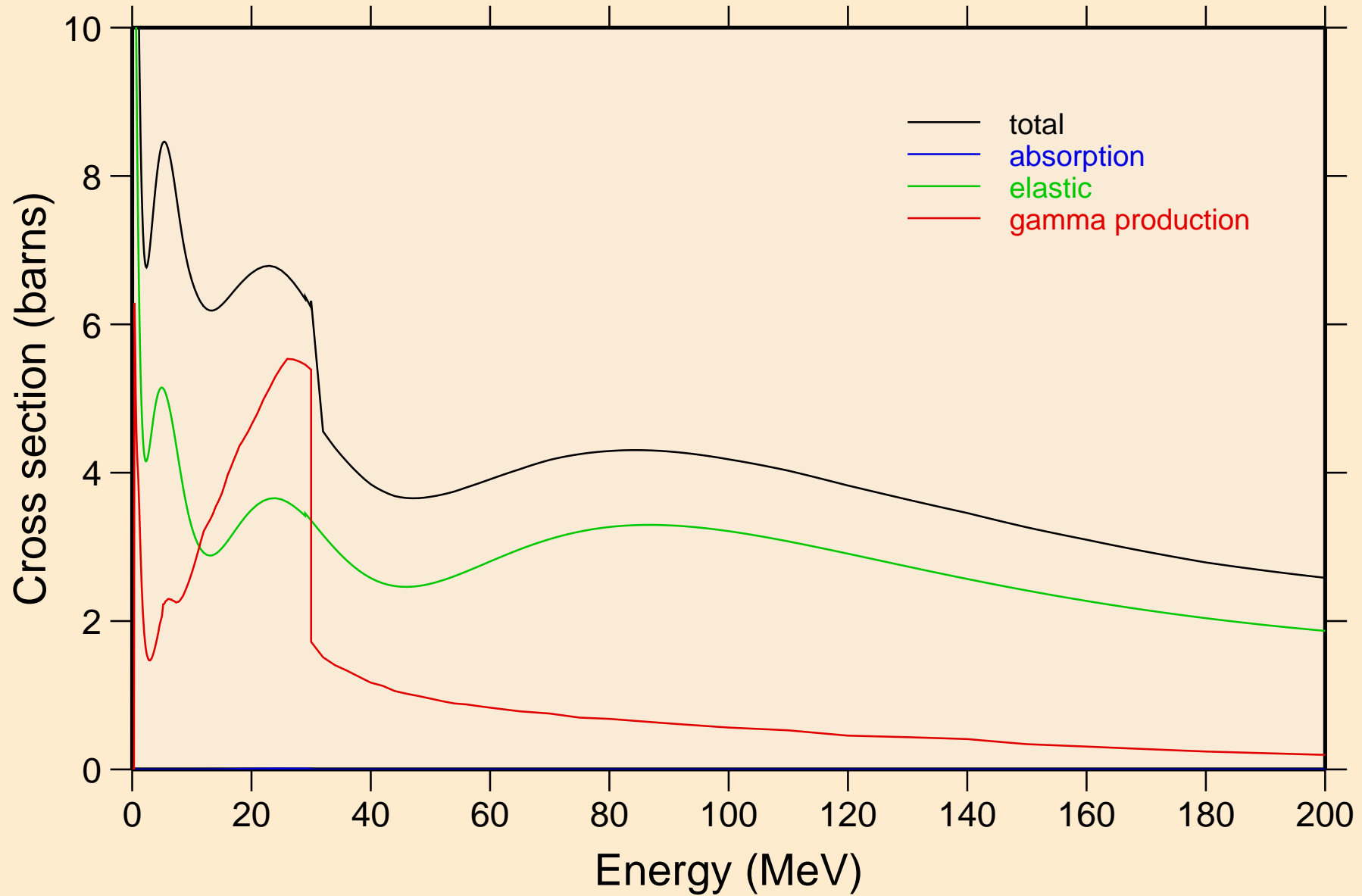
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Damage



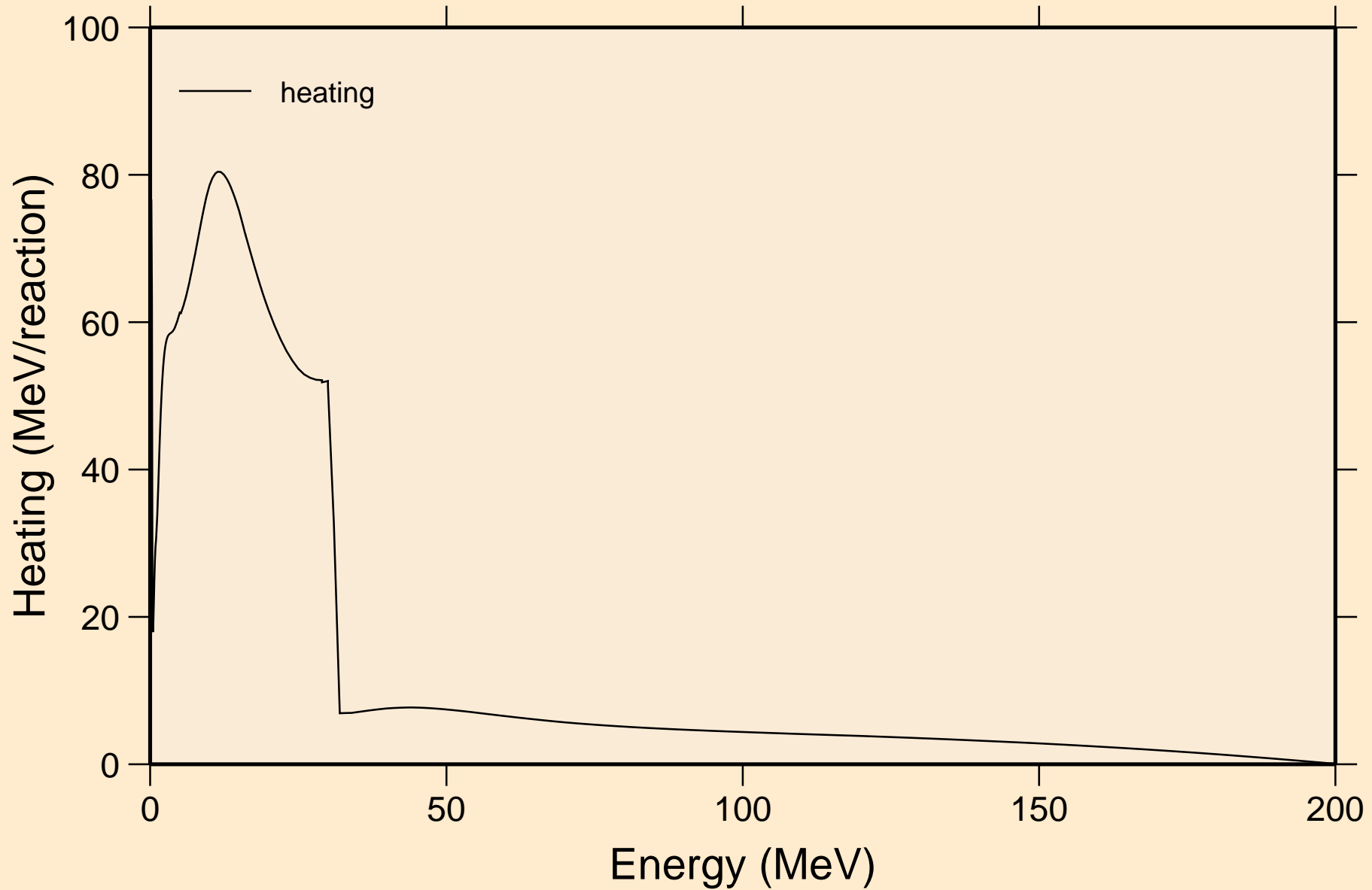
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Non-threshold reactions



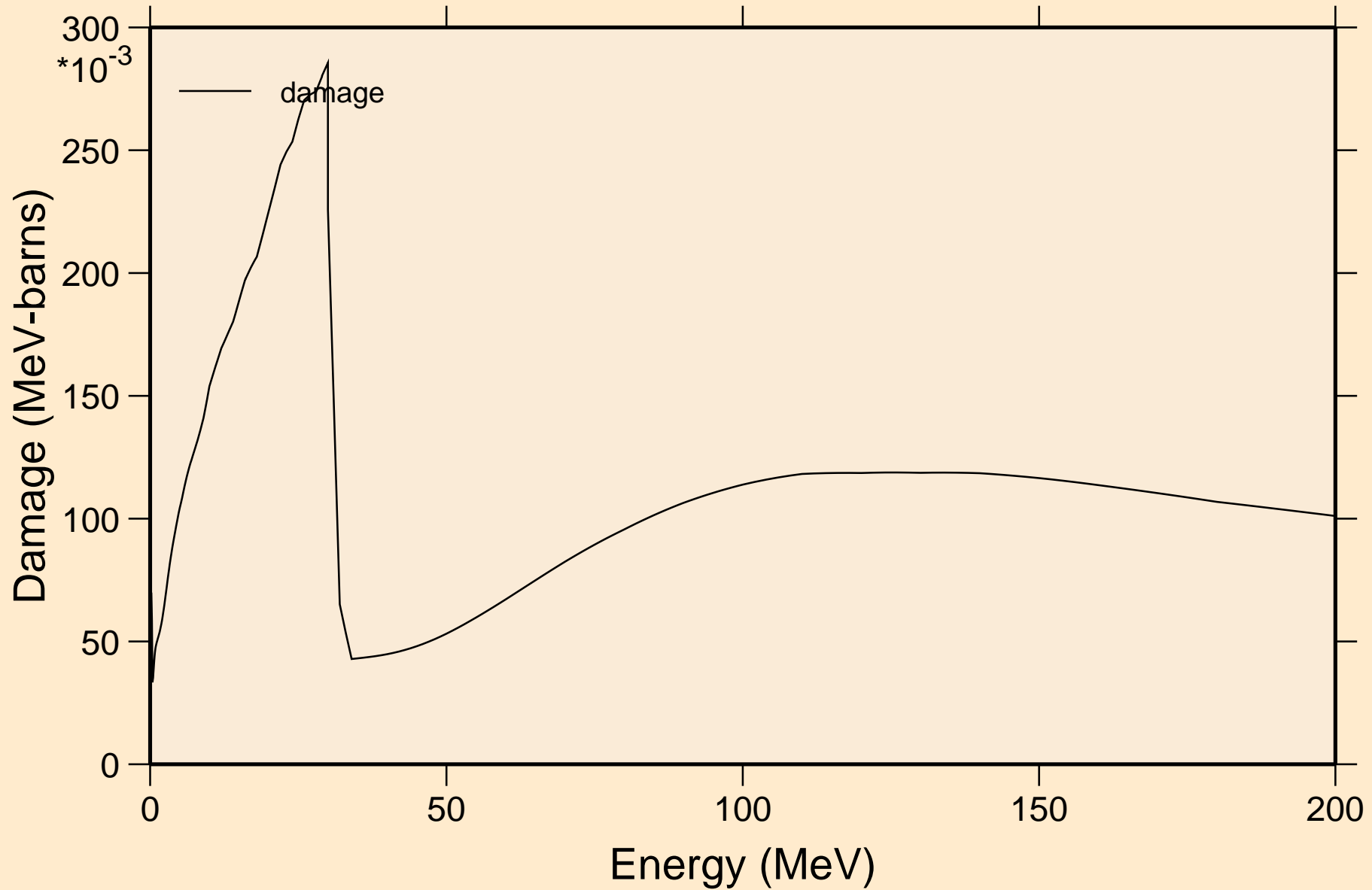
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Principal cross sections



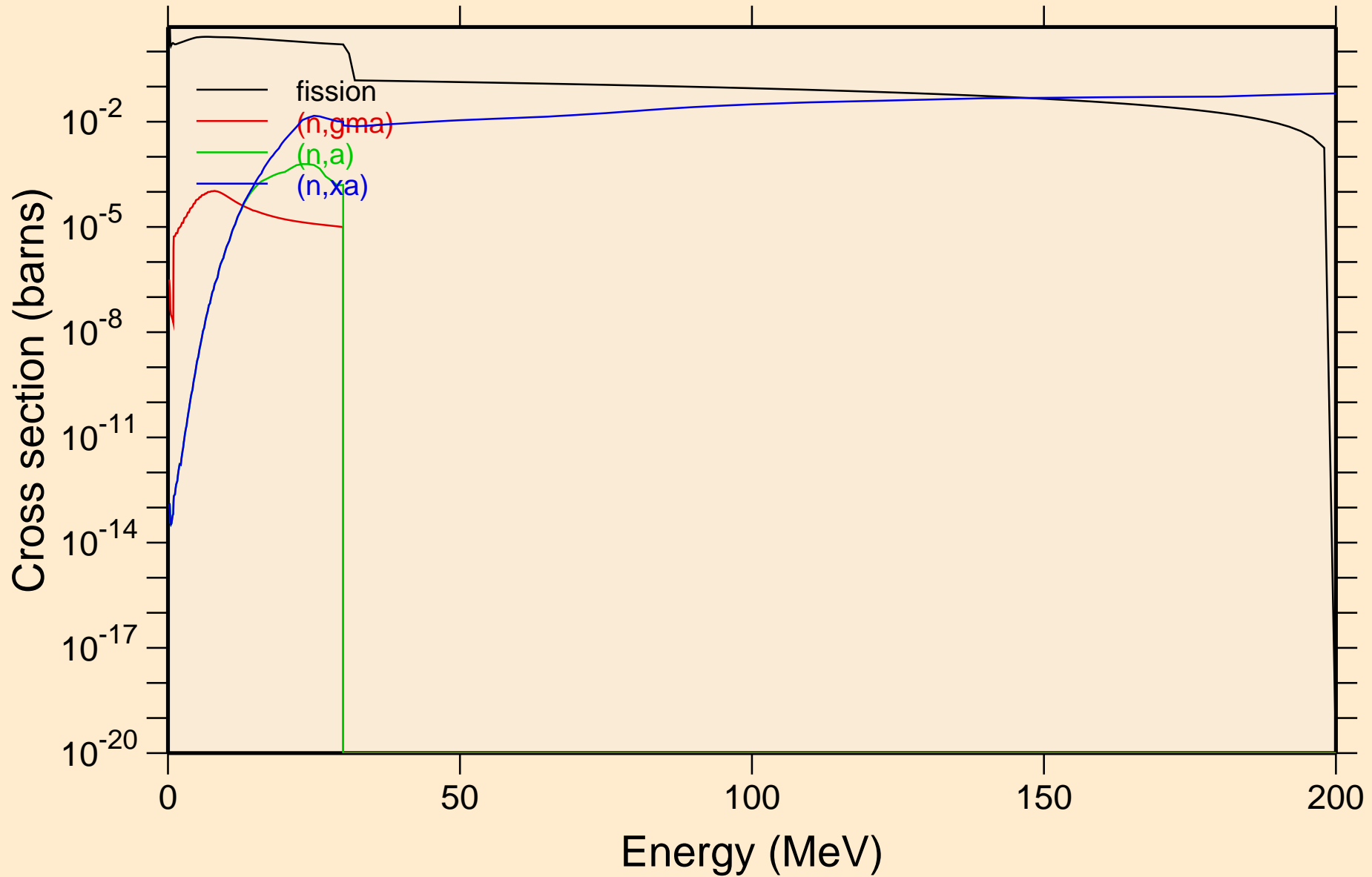
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

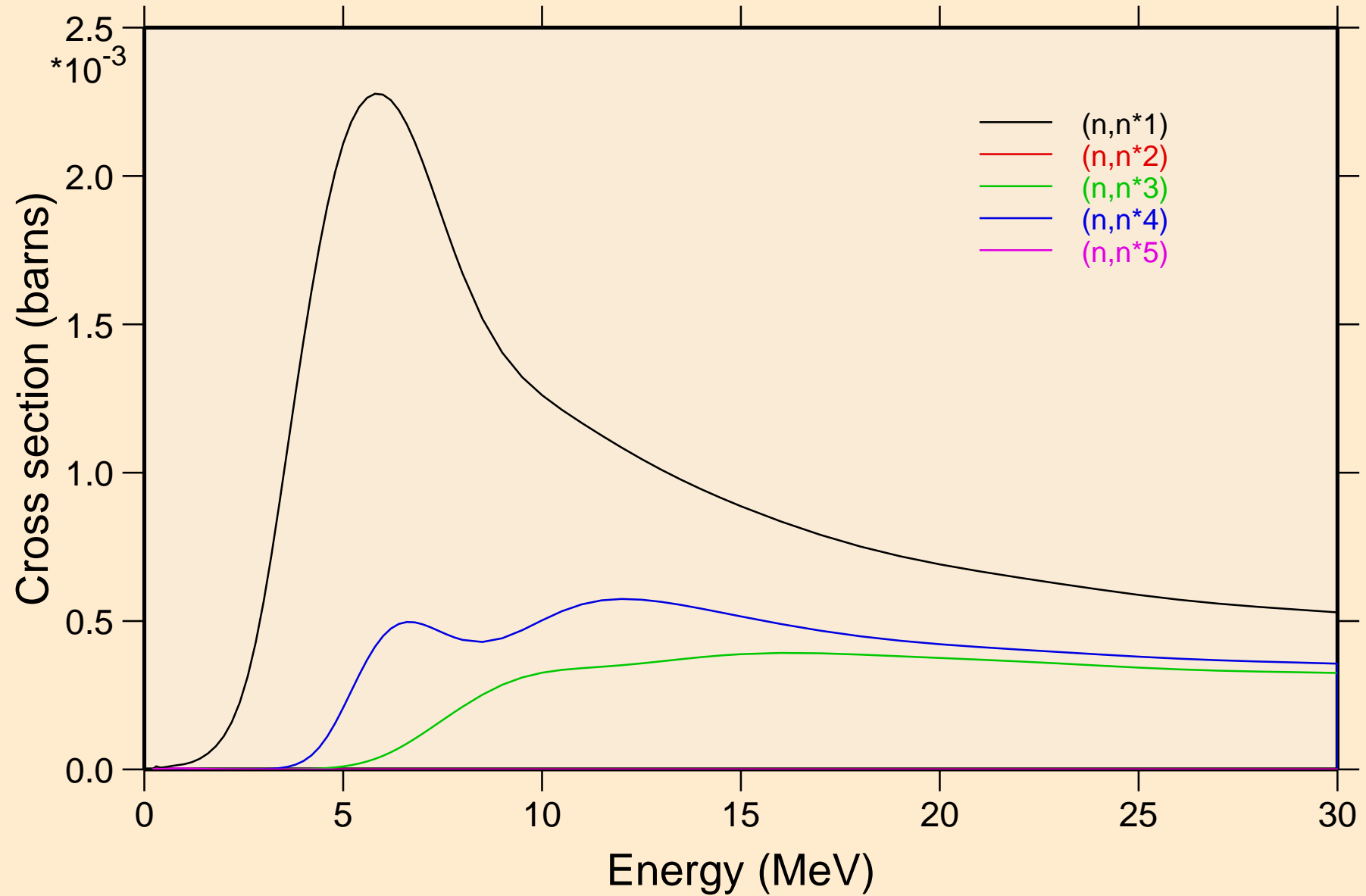


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Non-threshold reactions

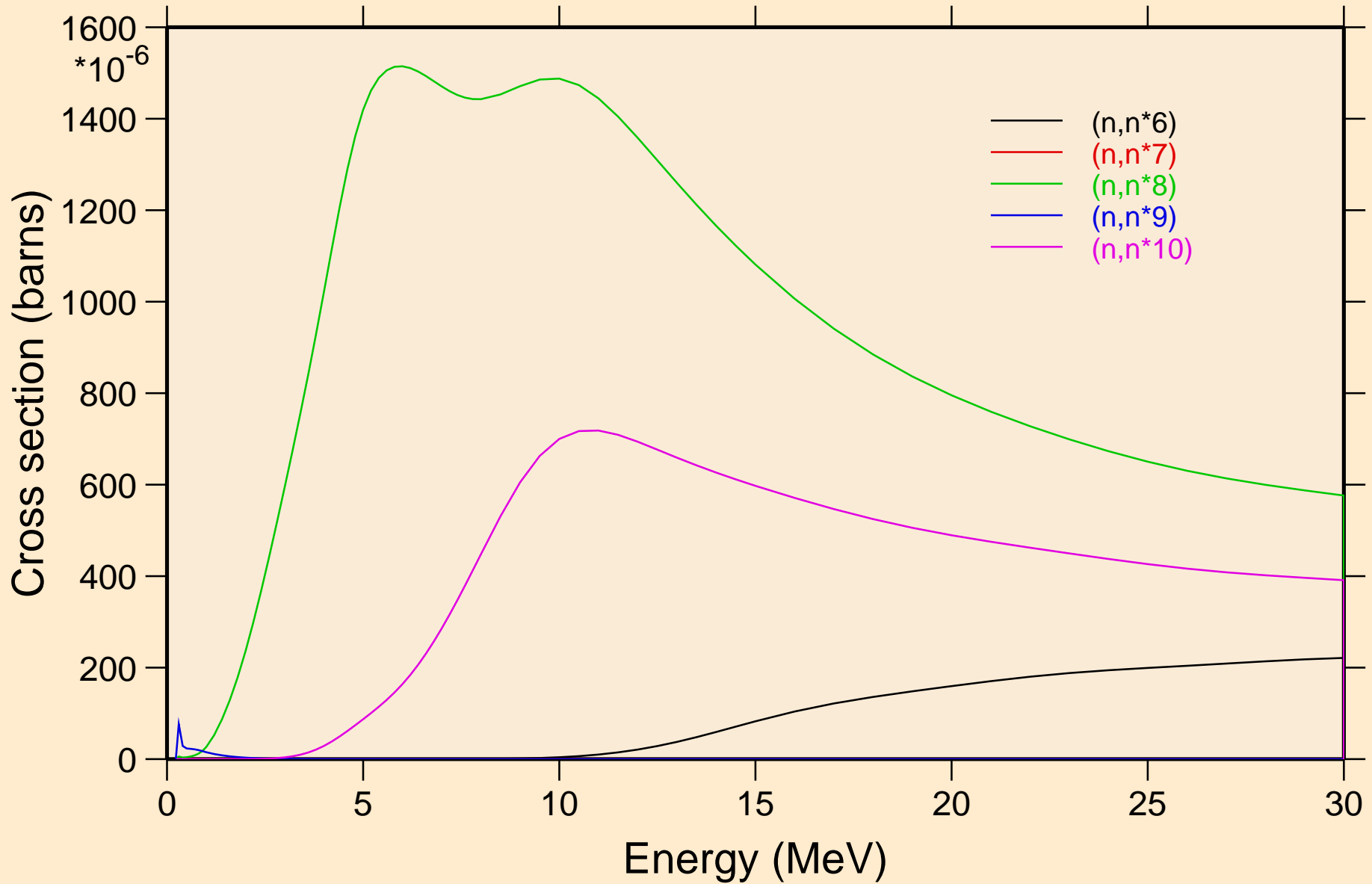




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Inelastic levels

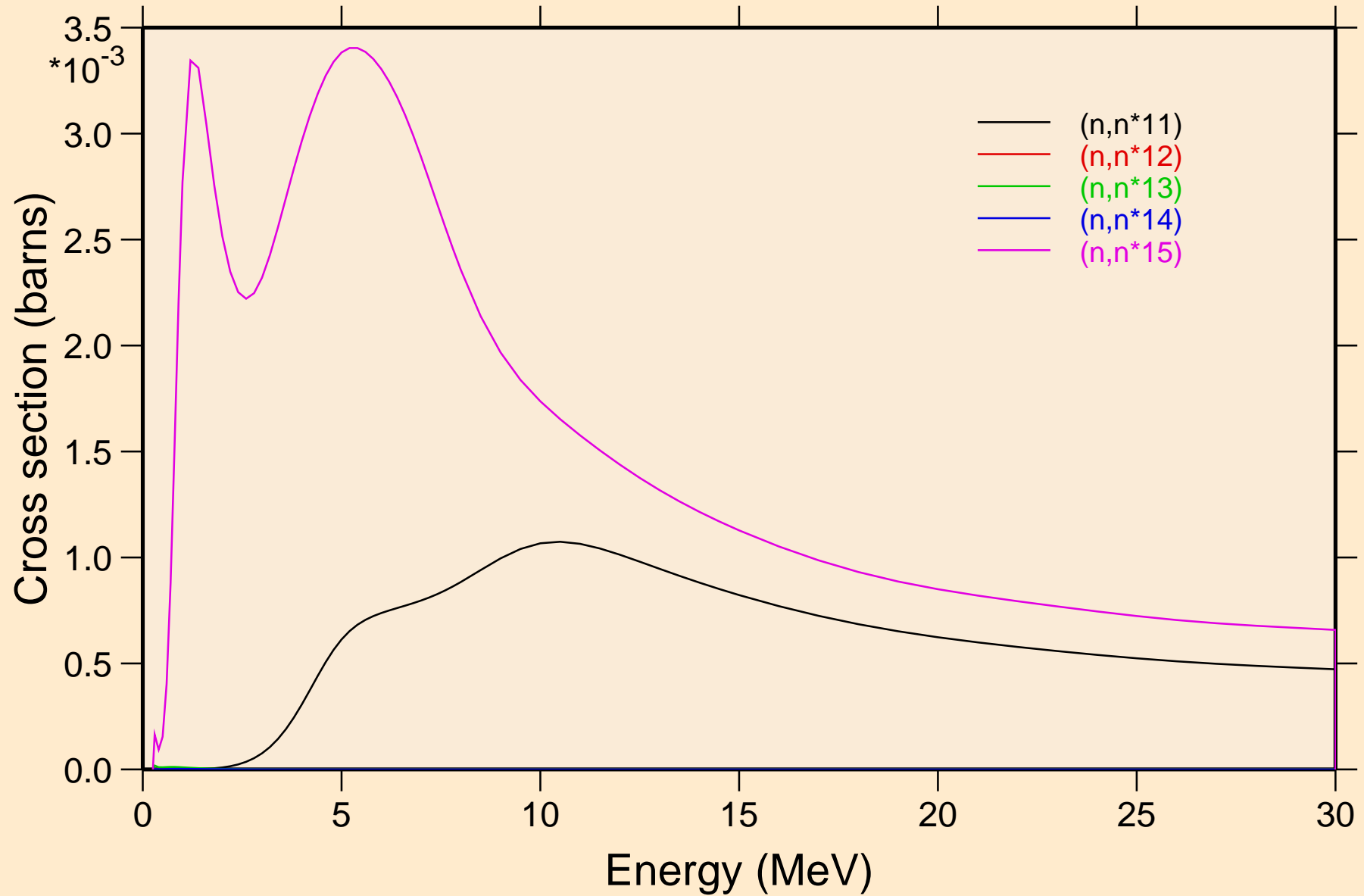


ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

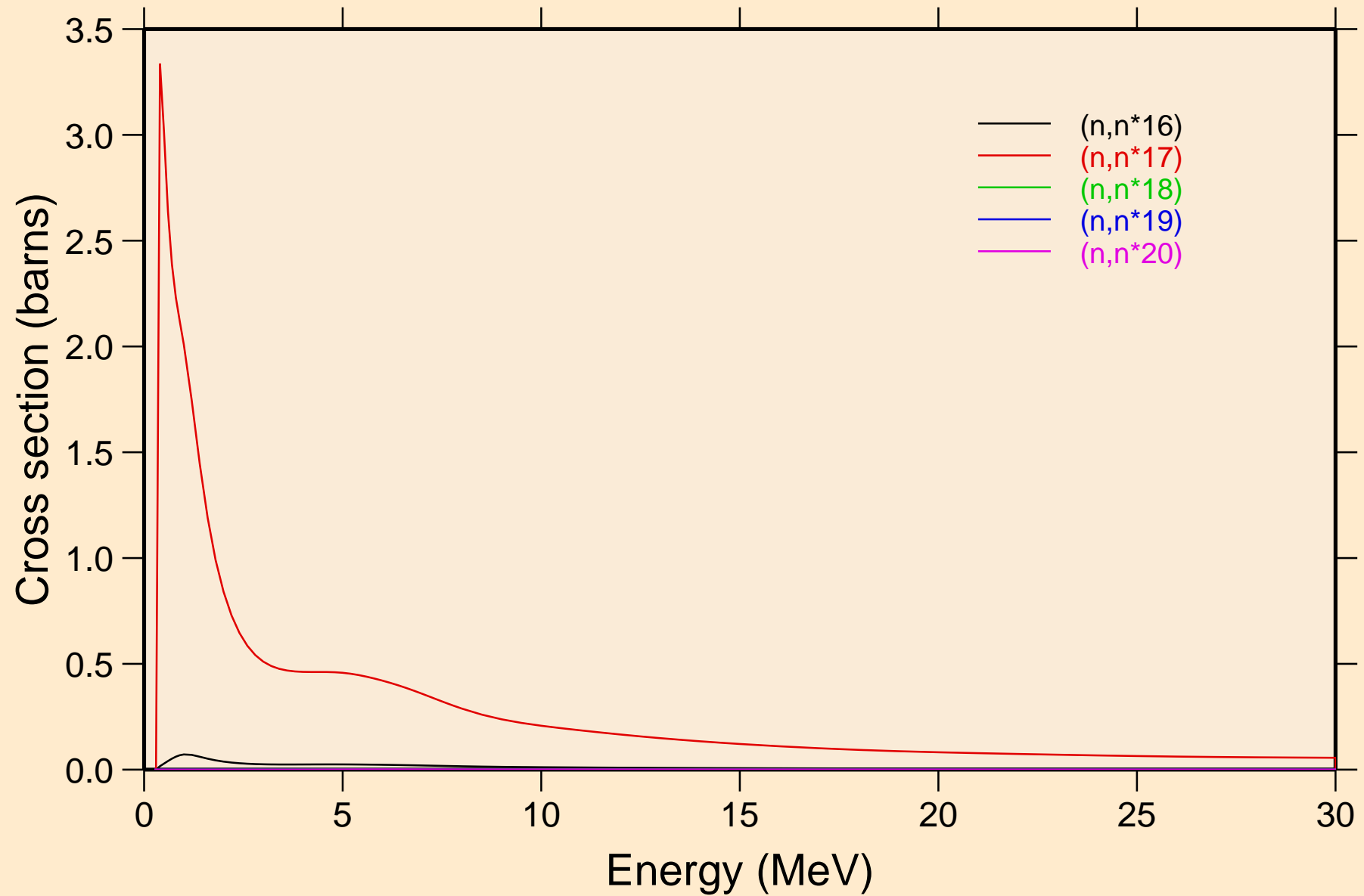


# ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

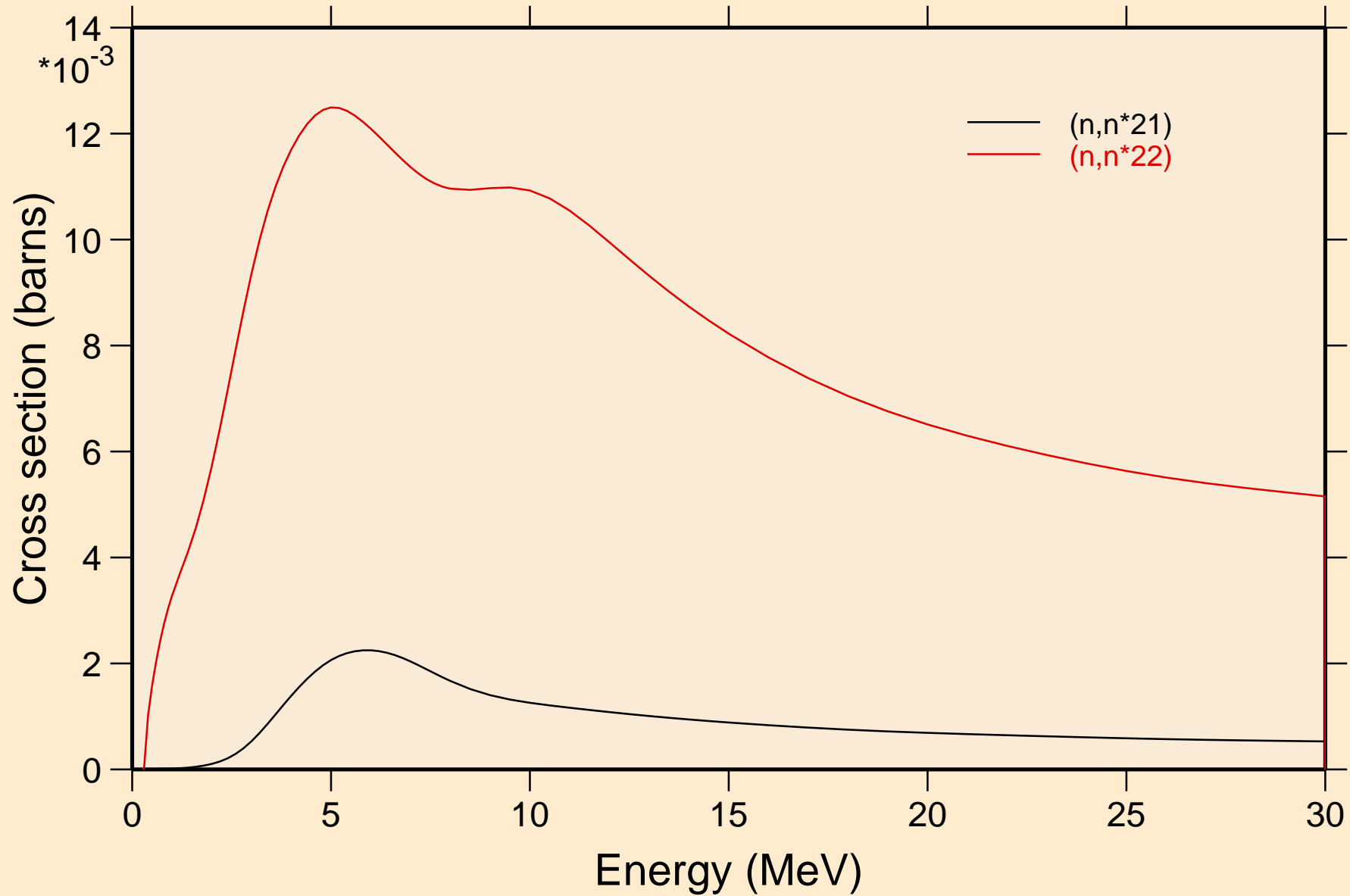
## Inelastic levels



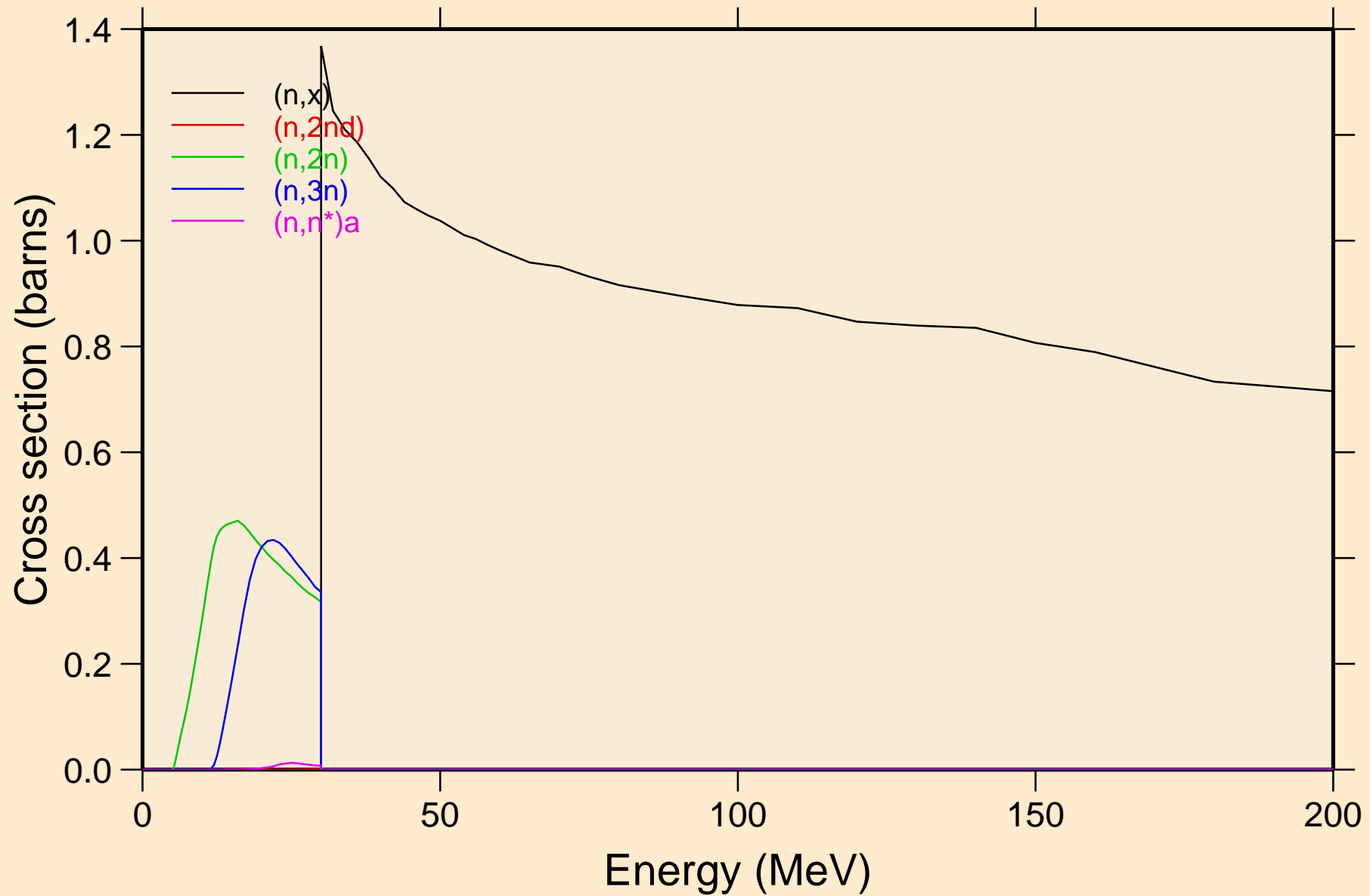
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



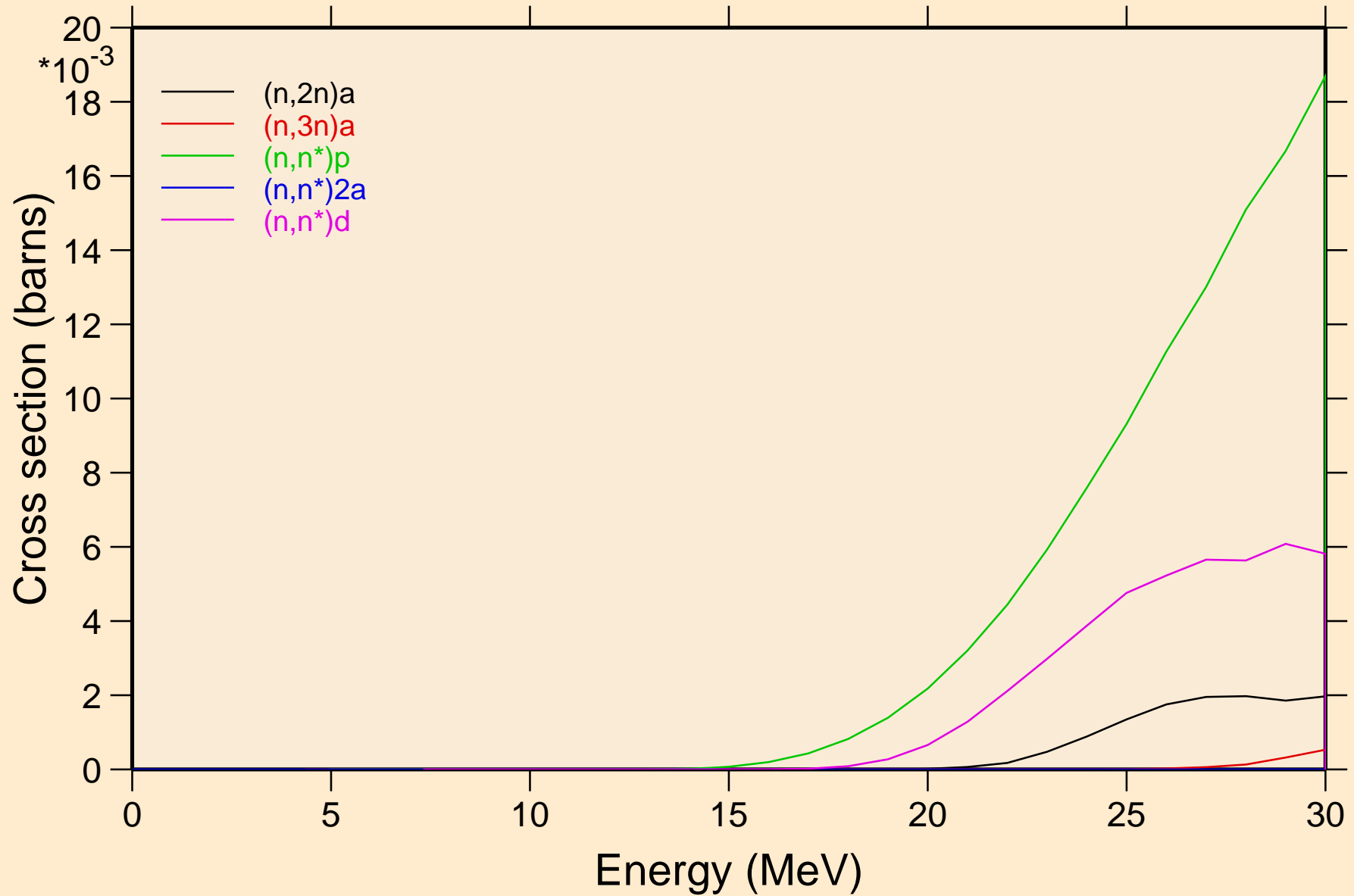
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

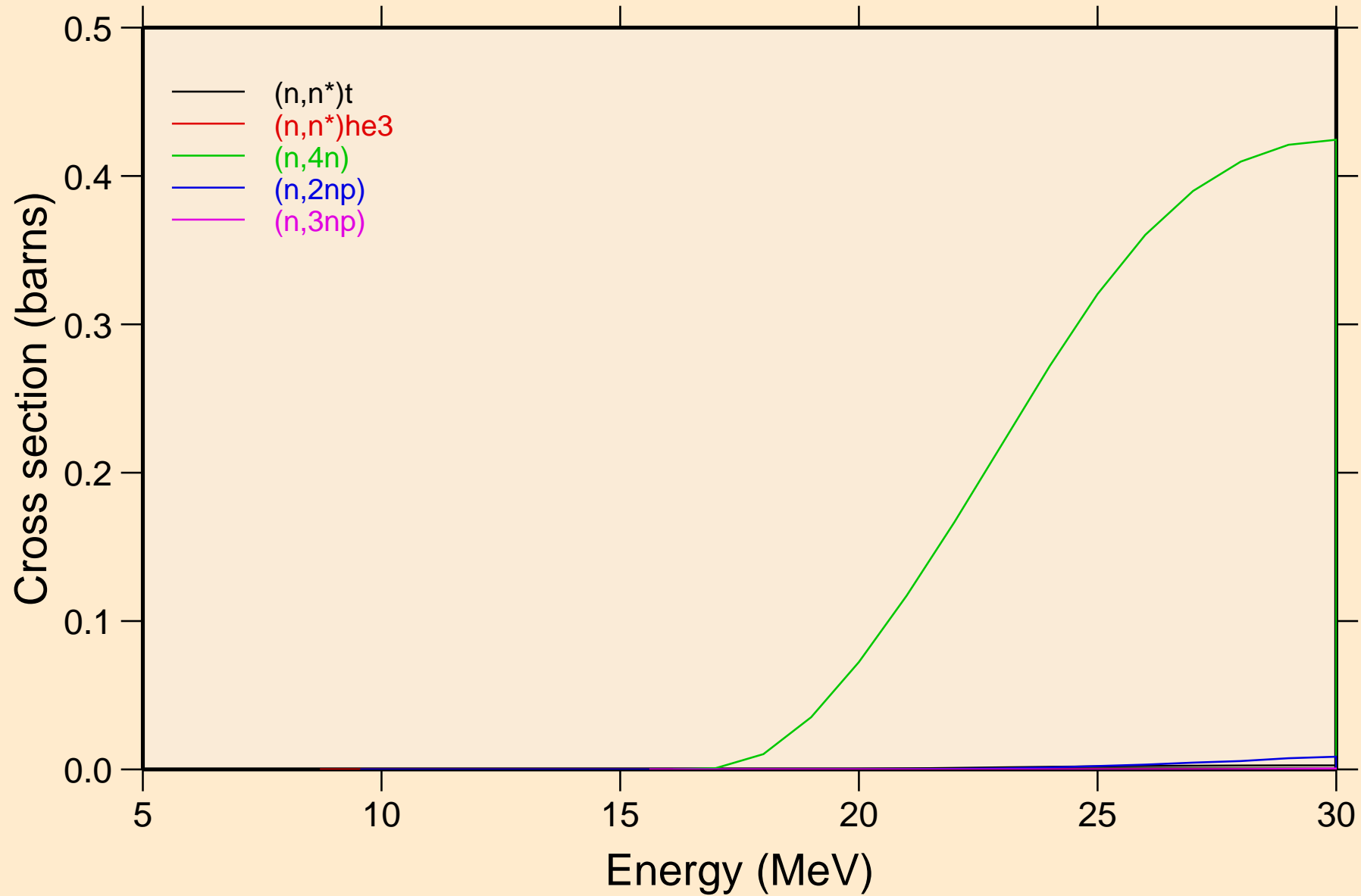


ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



# ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

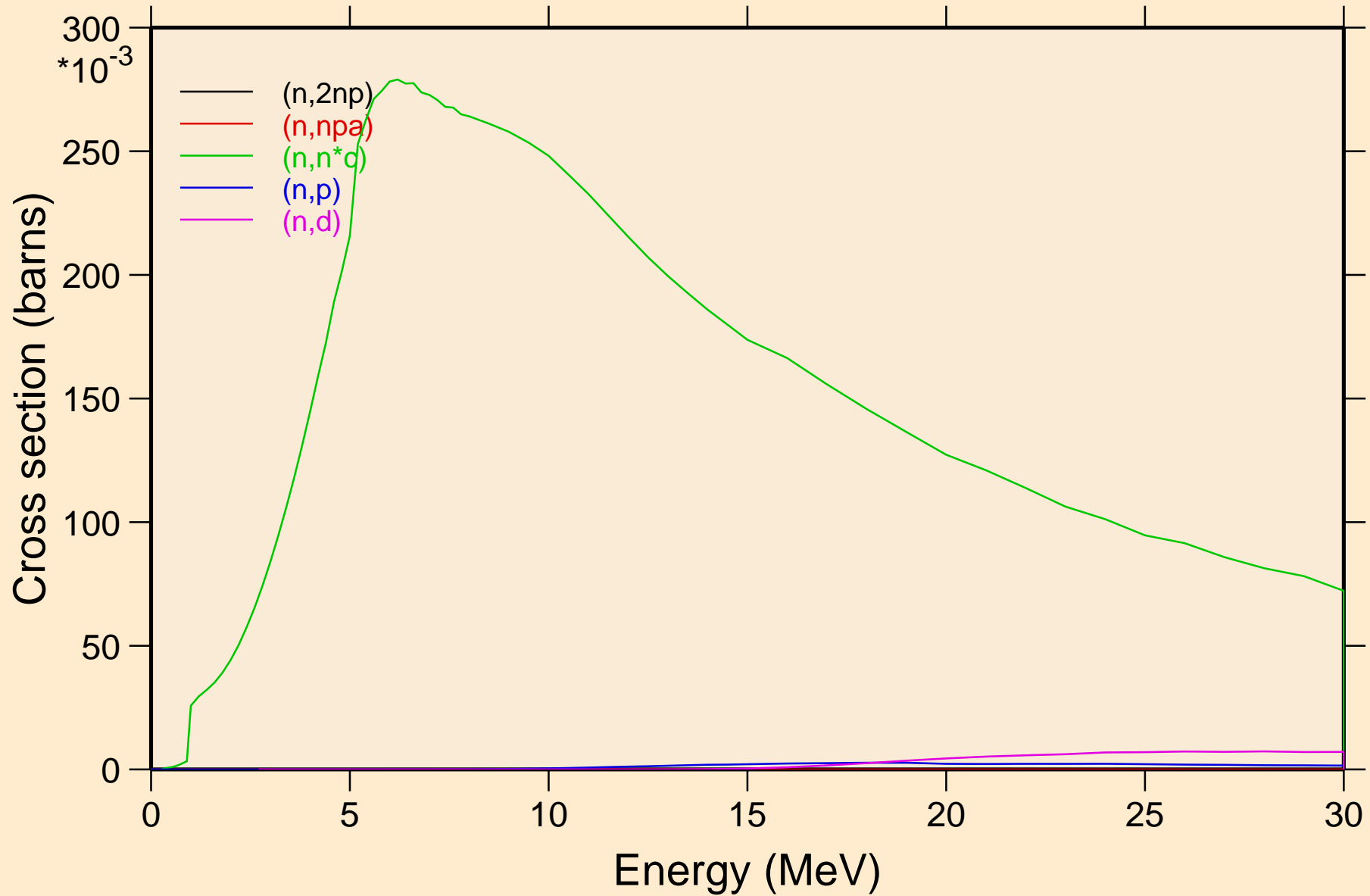
## Threshold reactions



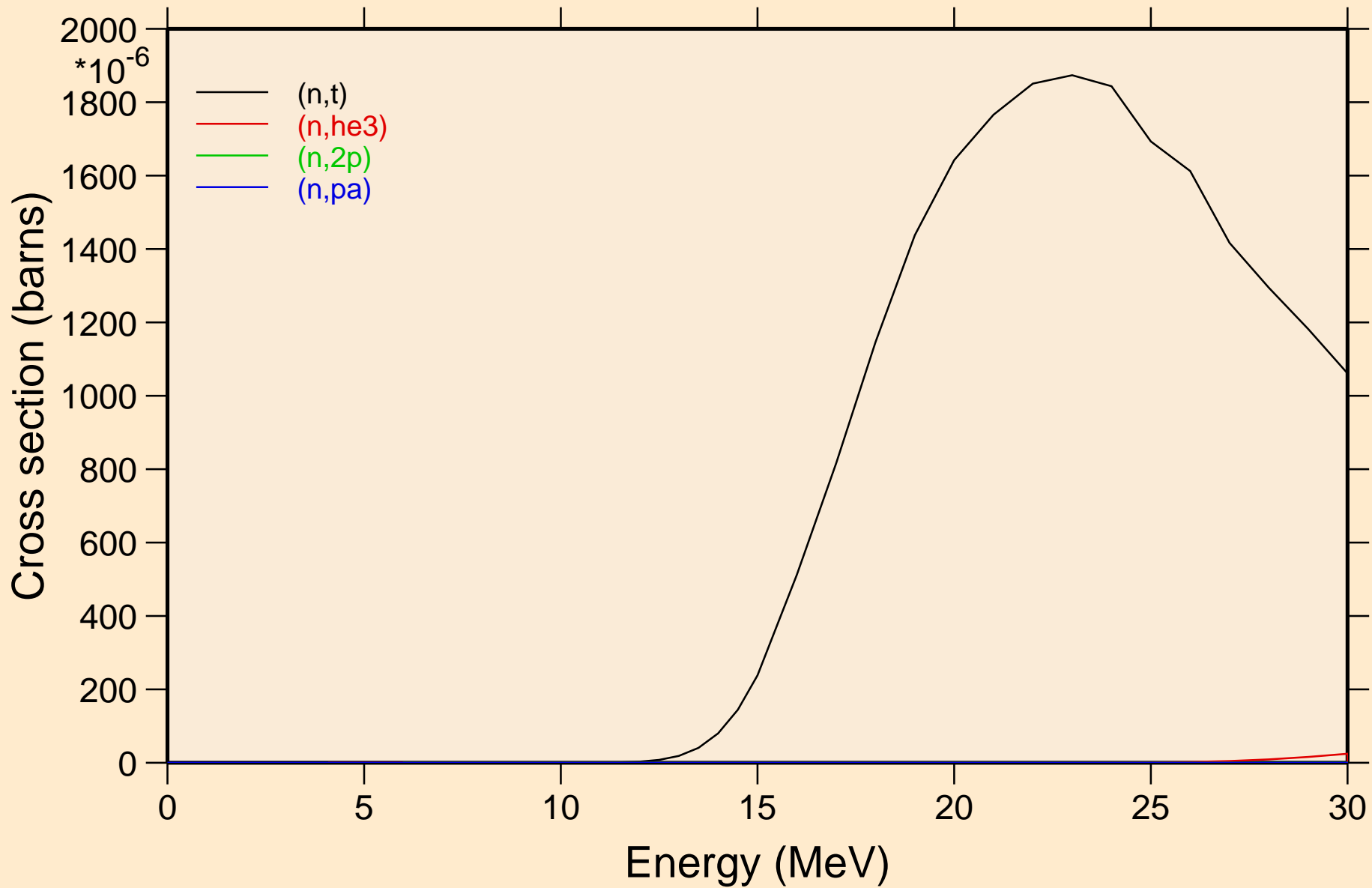


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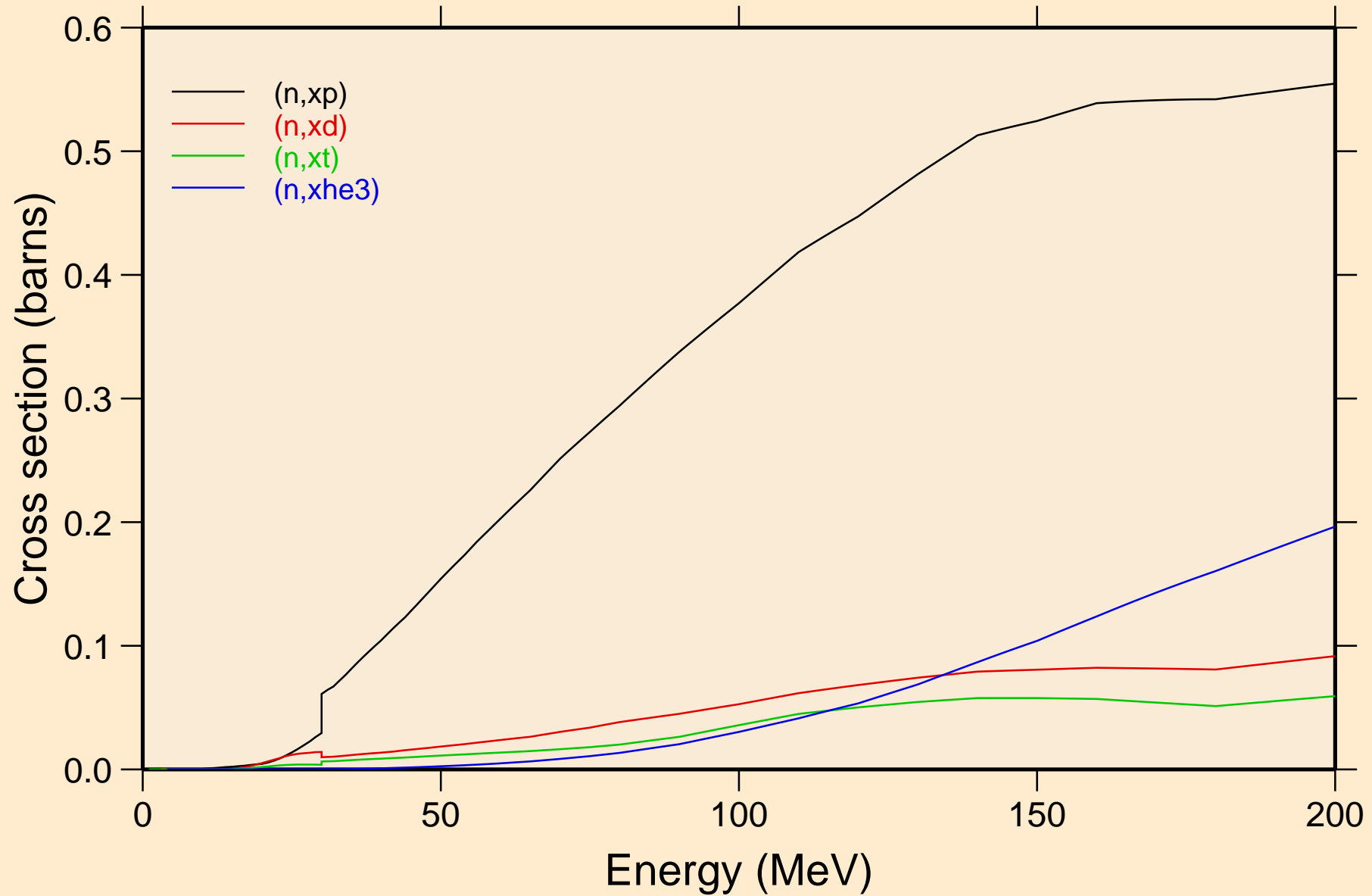
## Threshold reactions



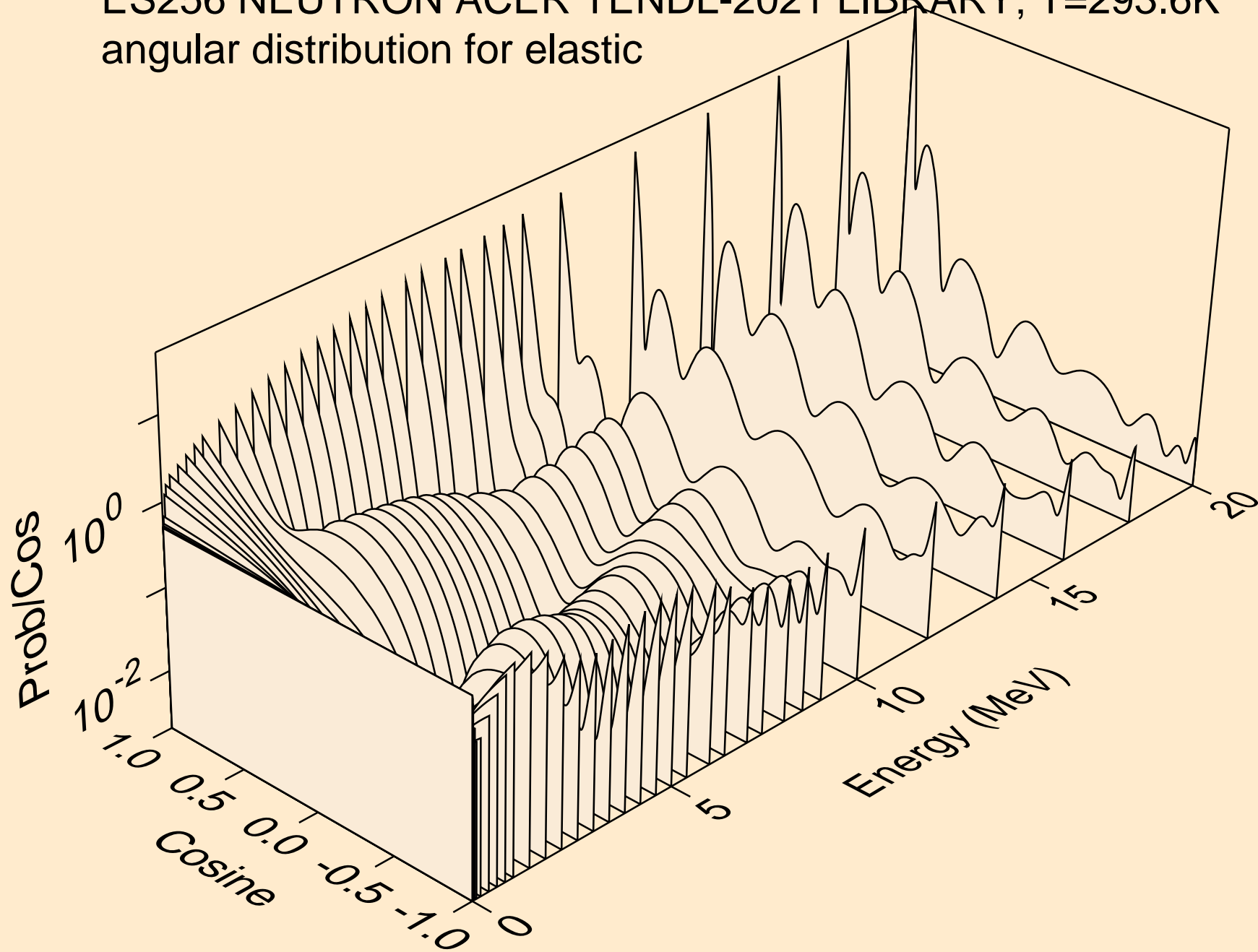
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Threshold reactions



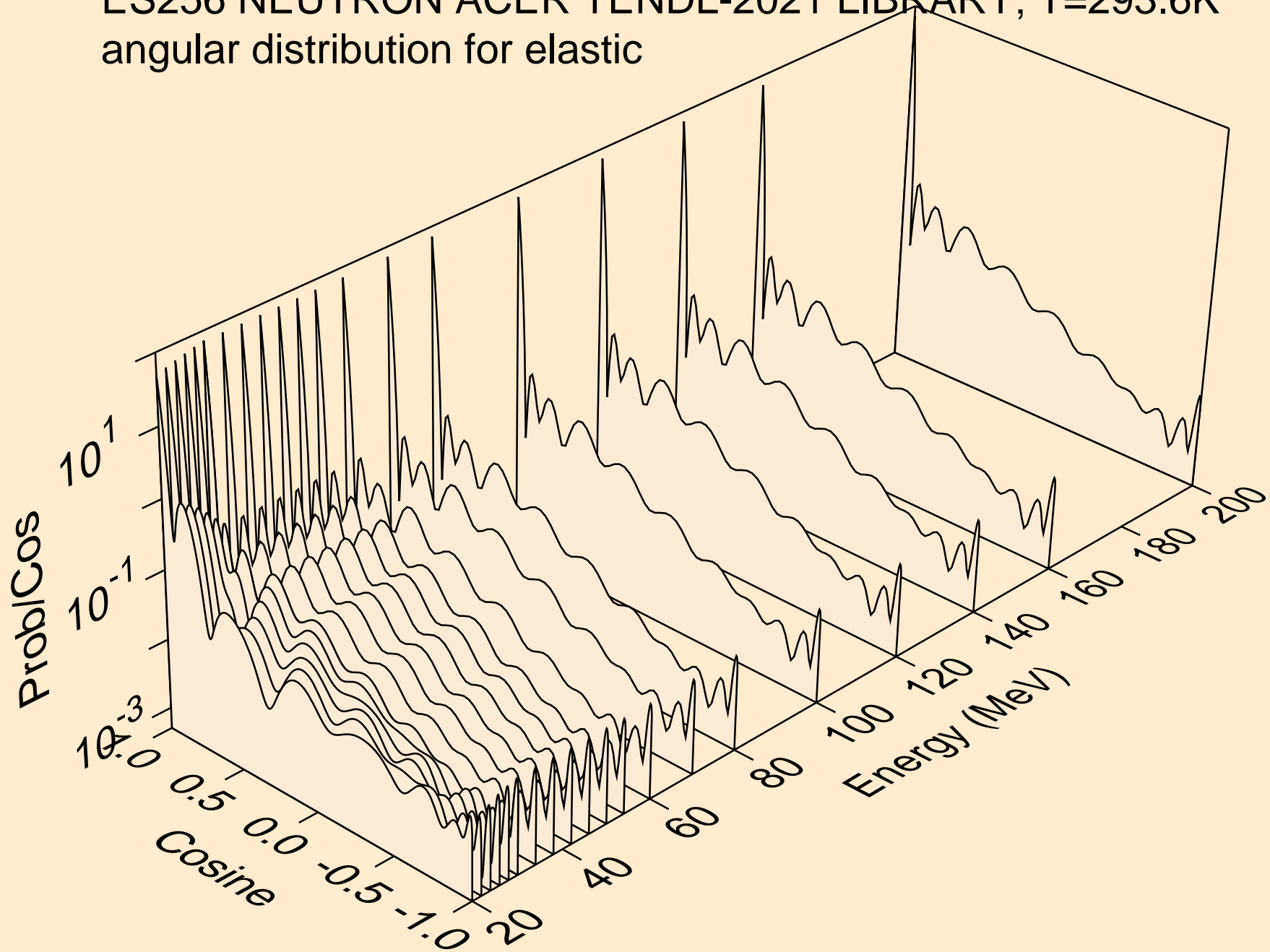
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



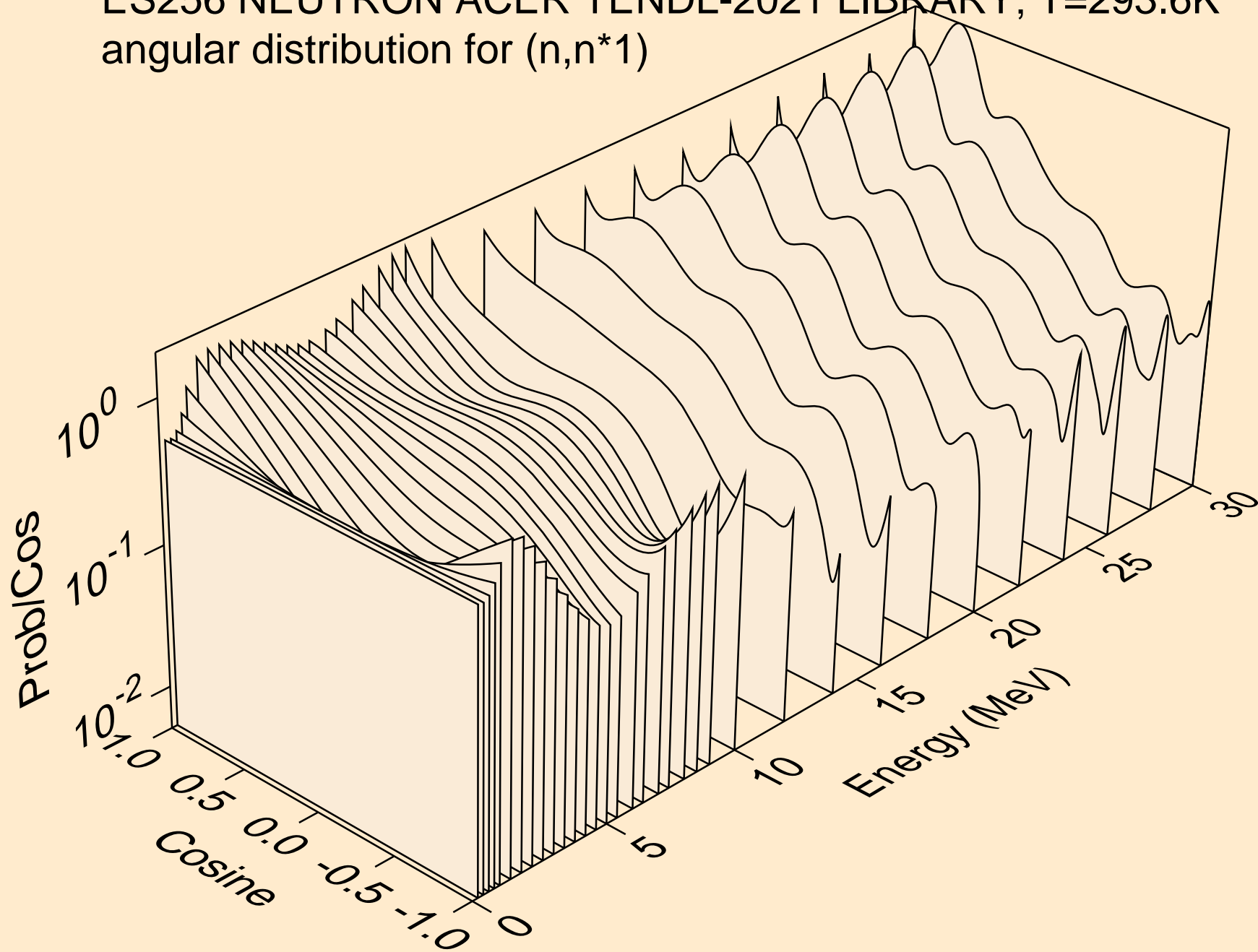
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angular distribution for elastic



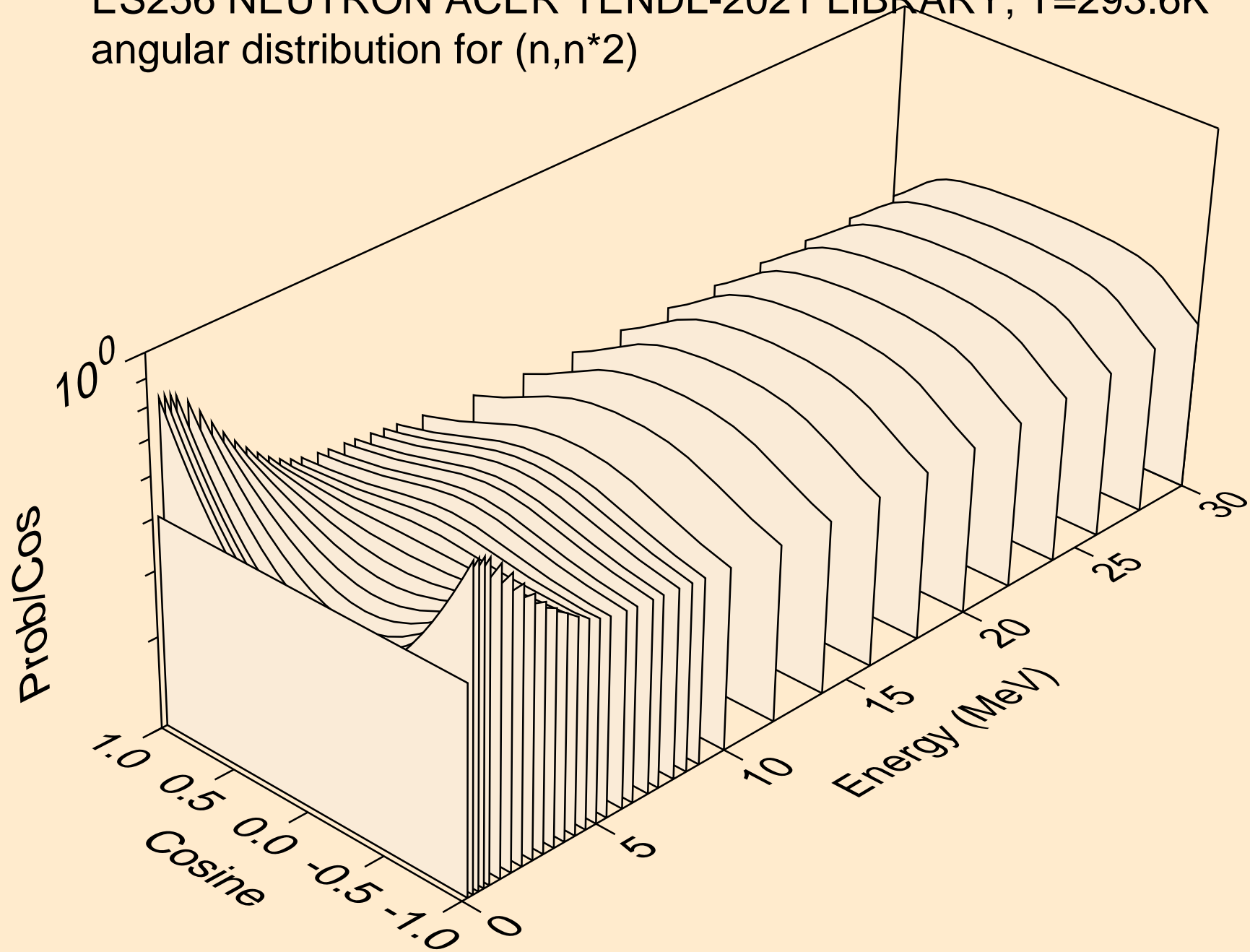
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angular distribution for elastic



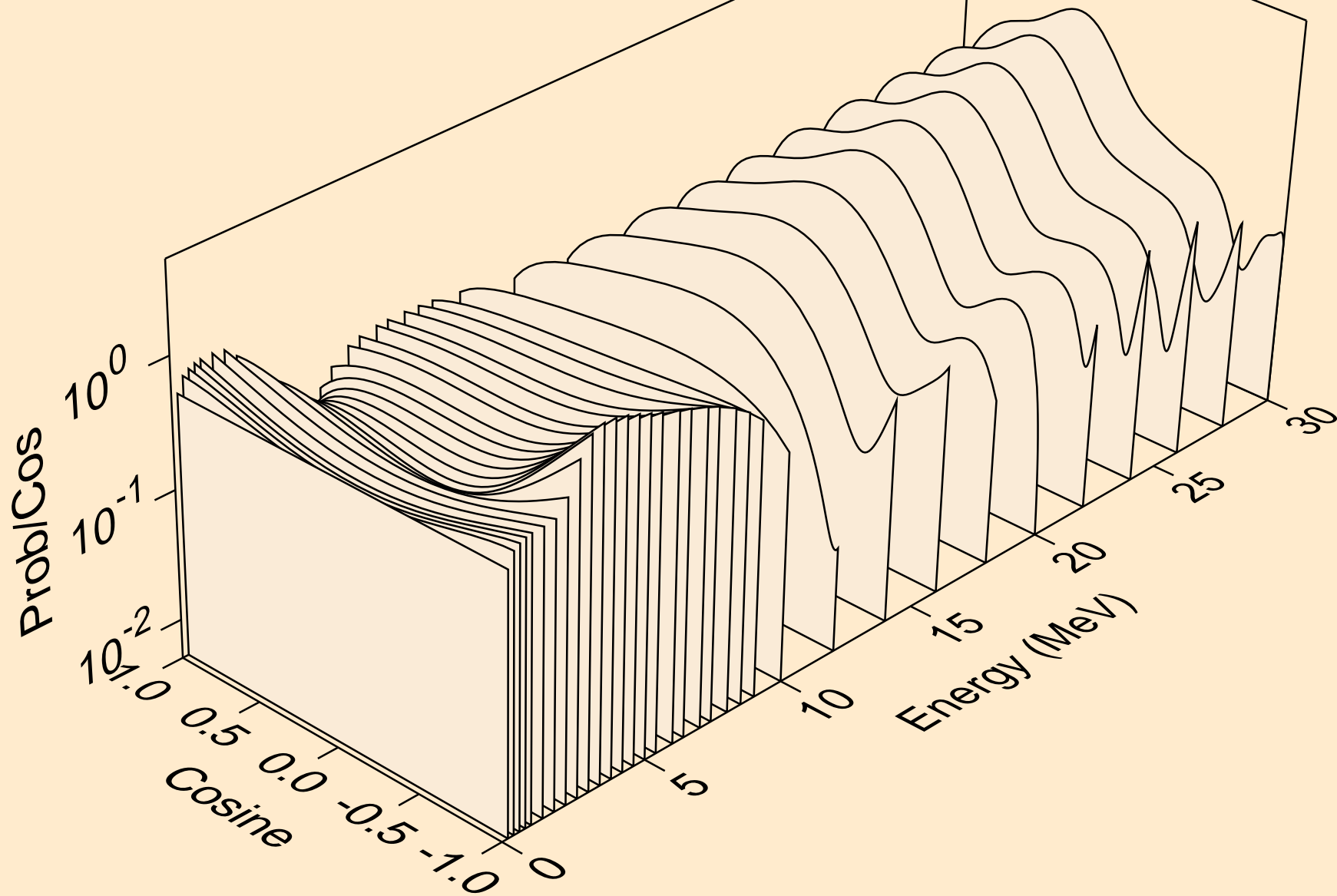
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

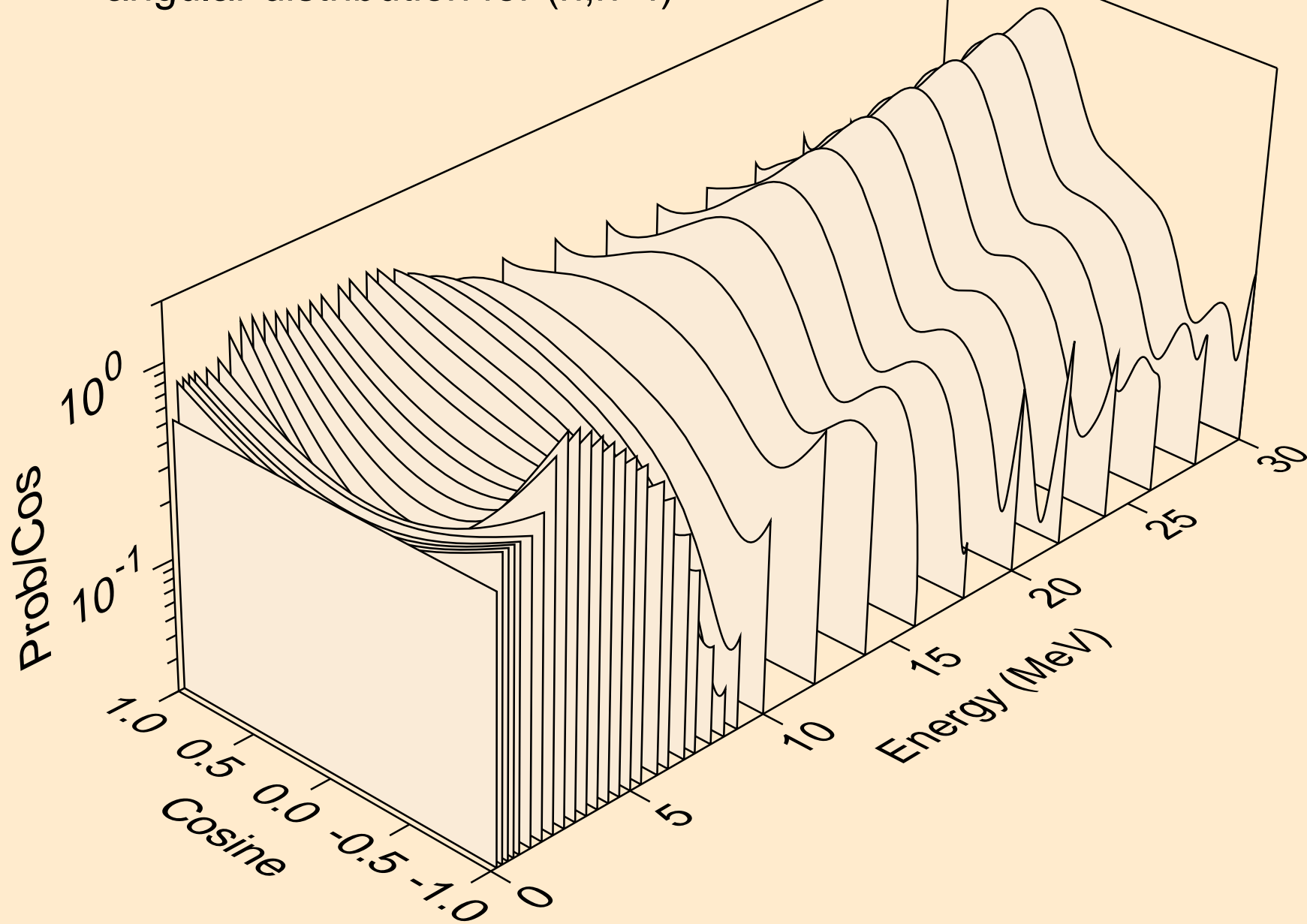


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angular distribution for (n,n\*3)

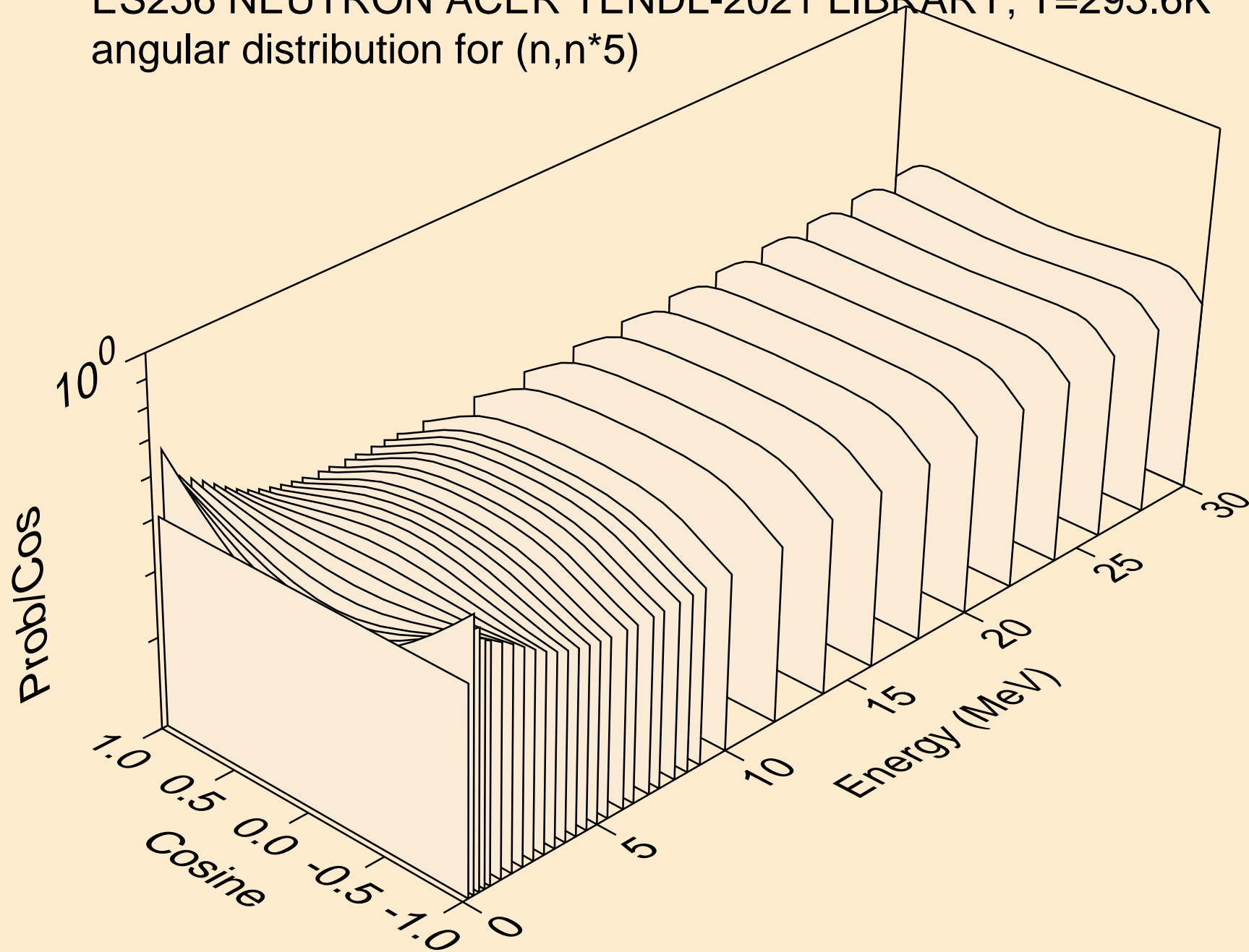




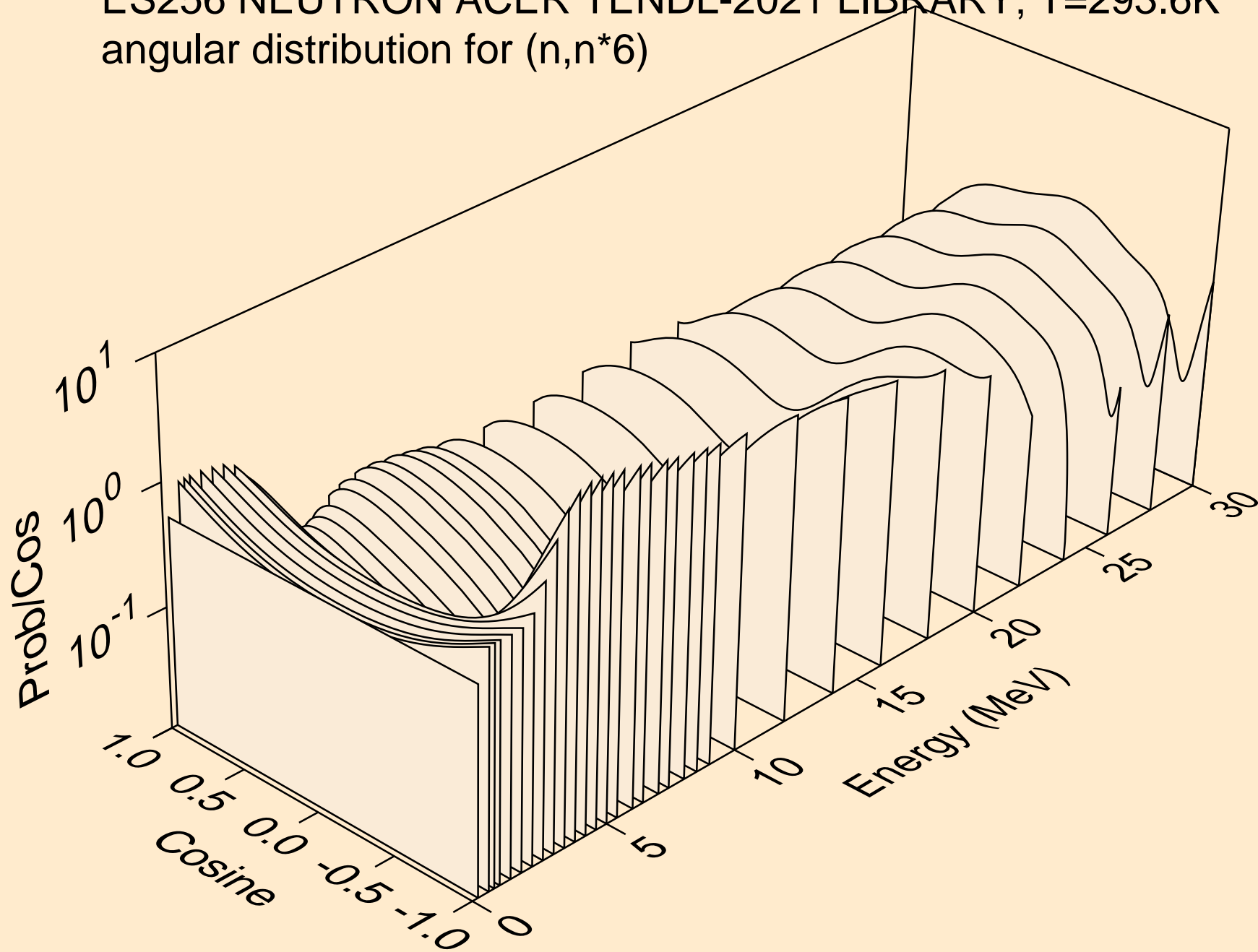
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angular distribution for (n,n\*4)



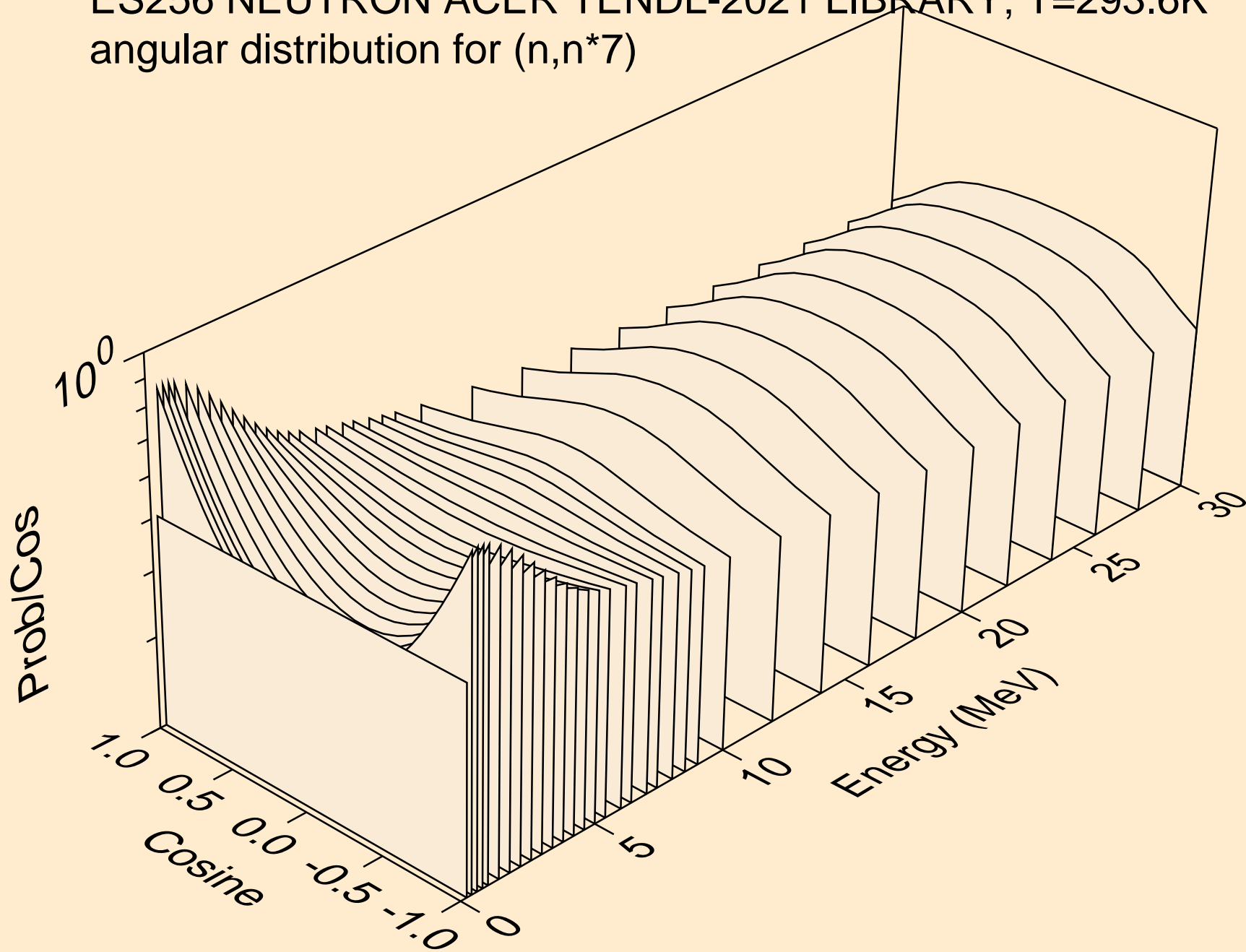
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angular distribution for (n,n\*5)



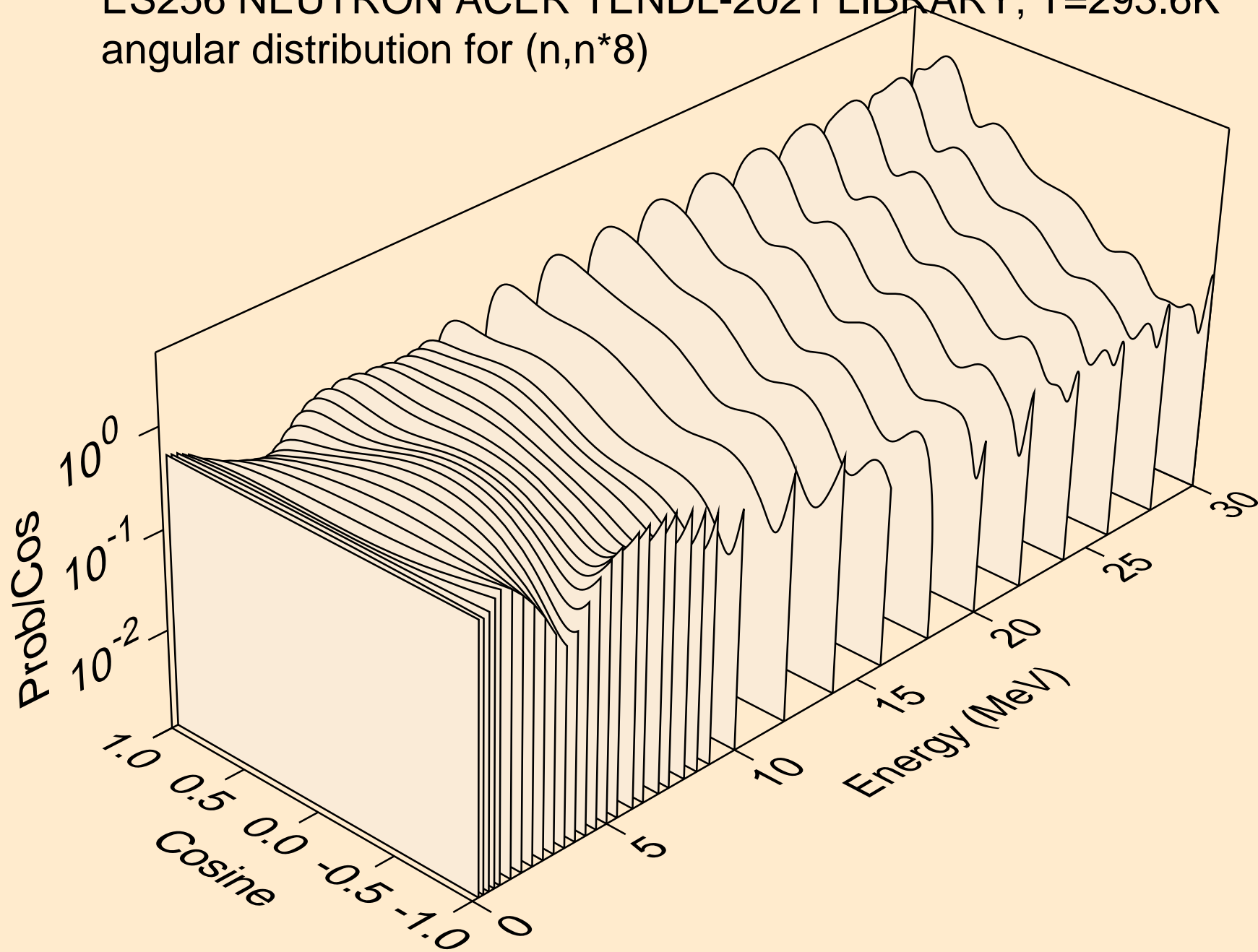
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angular distribution for (n,n\*6)



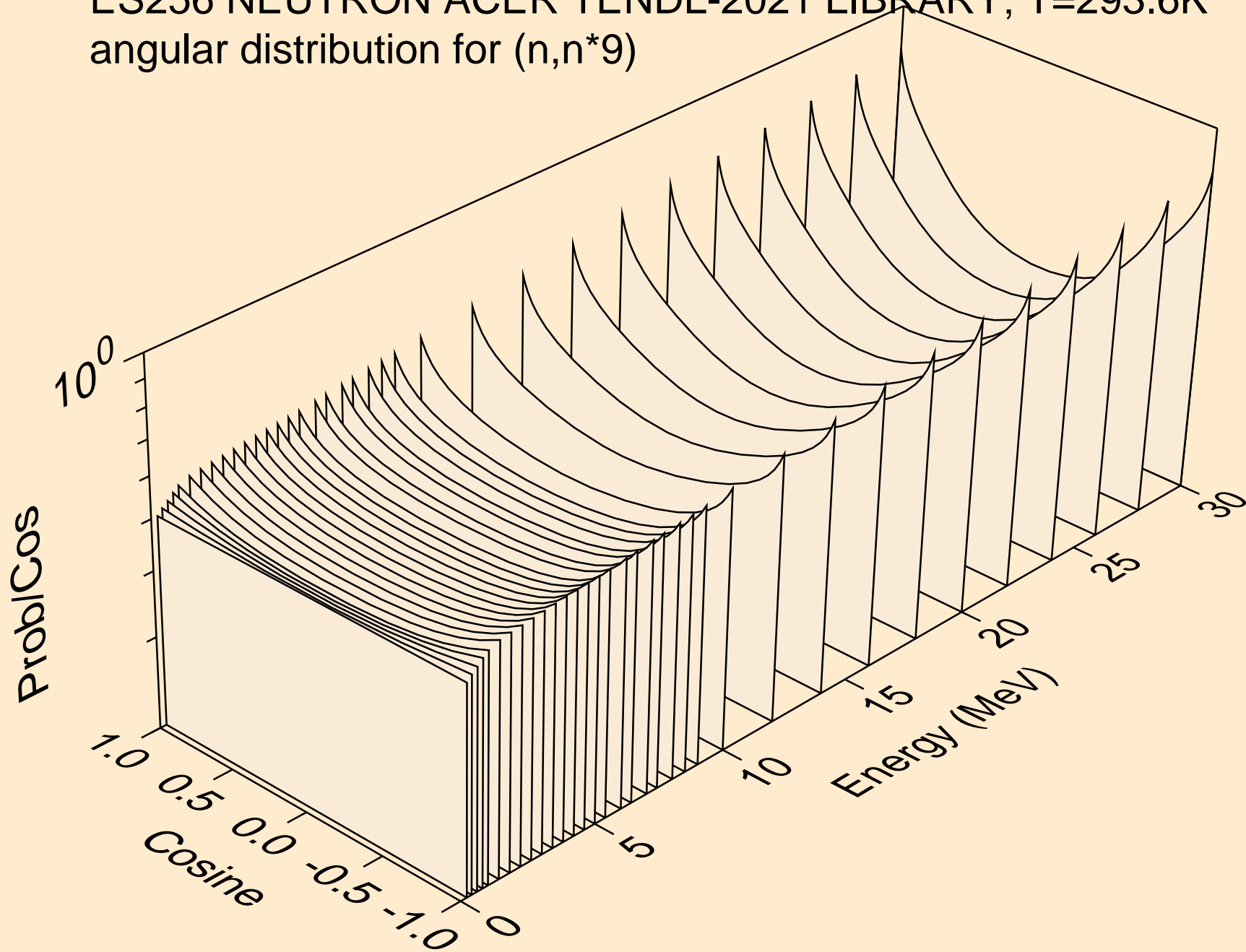
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angular distribution for (n,n\*7)



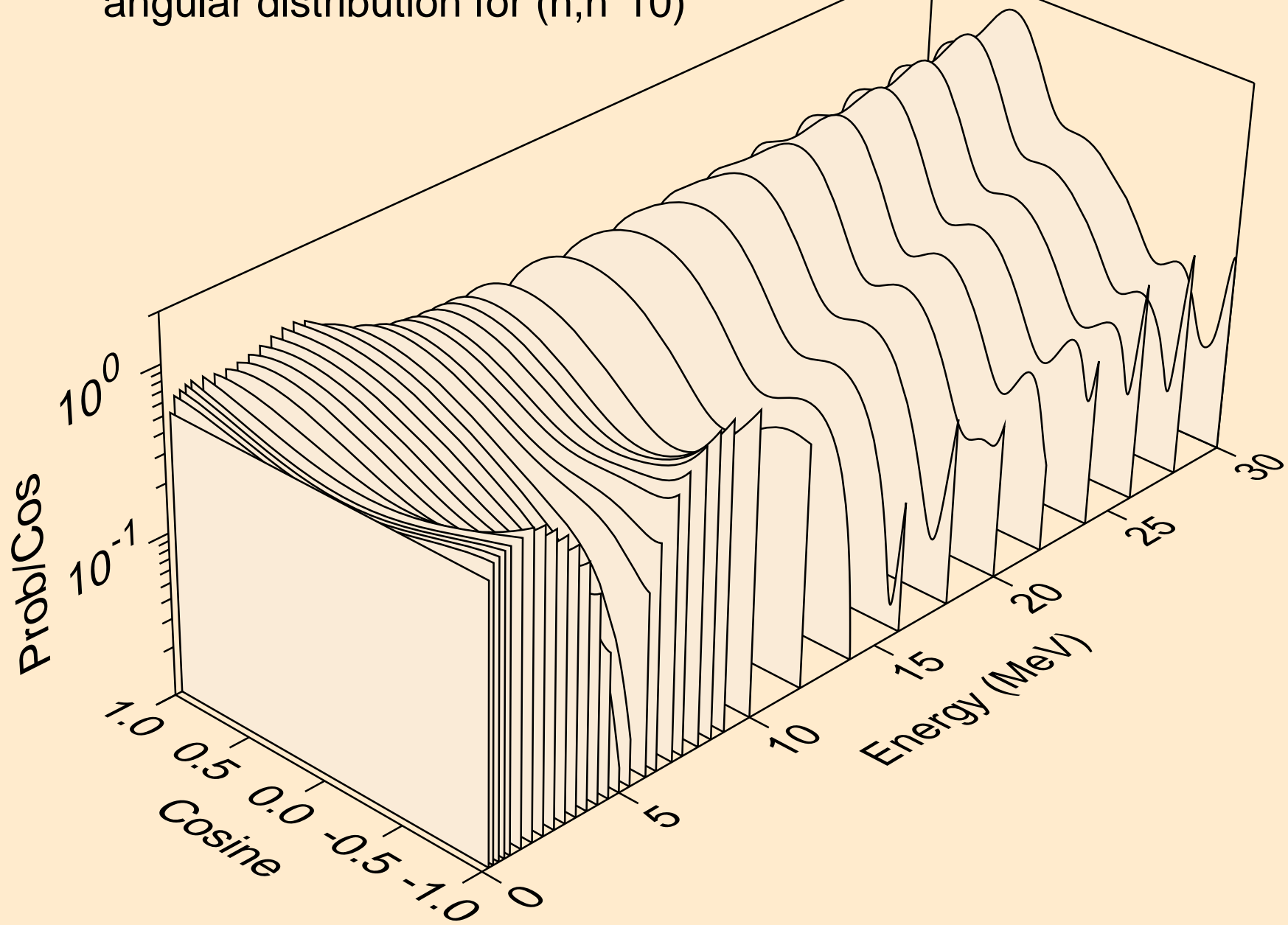
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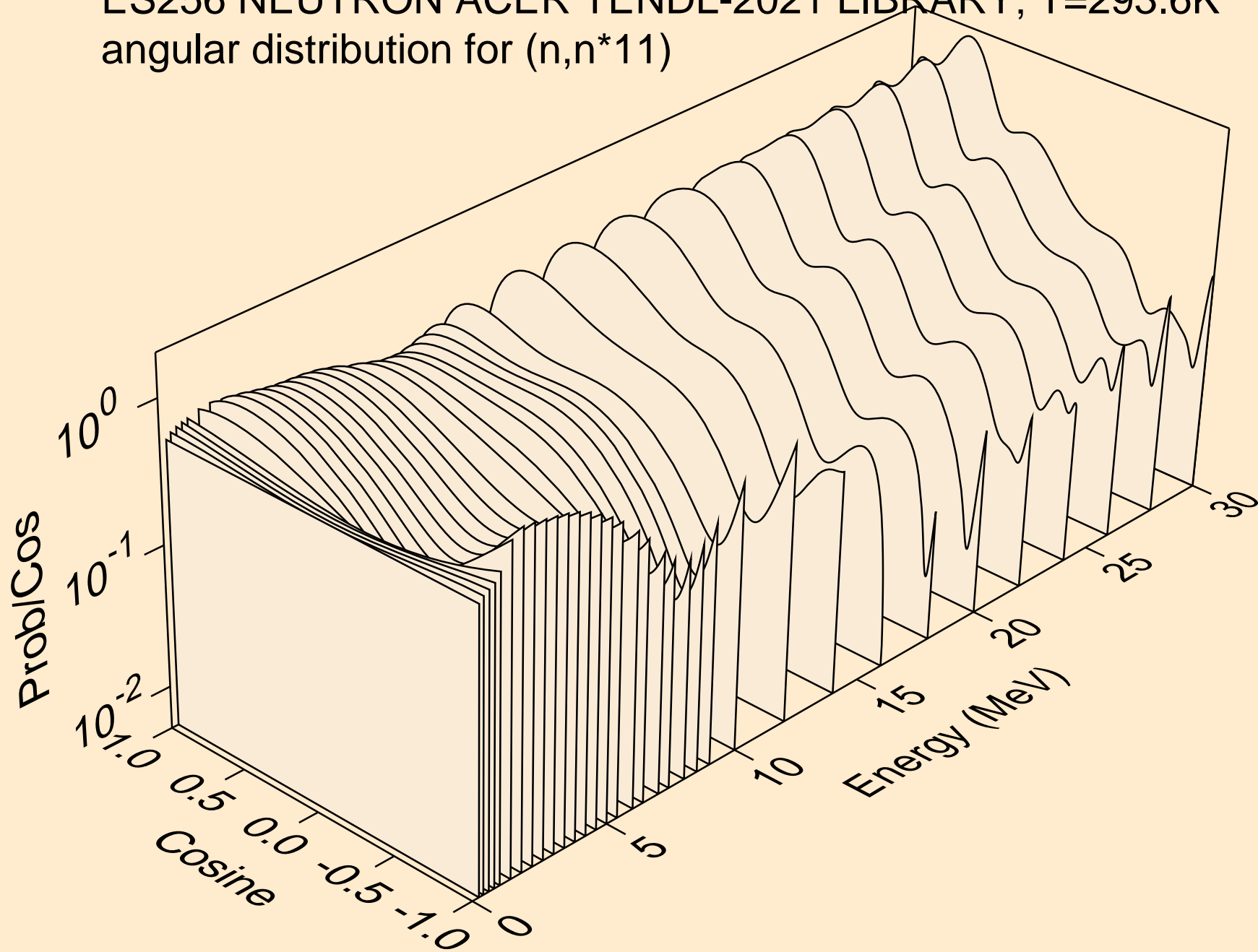
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angular distribution for (n,n\*9)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

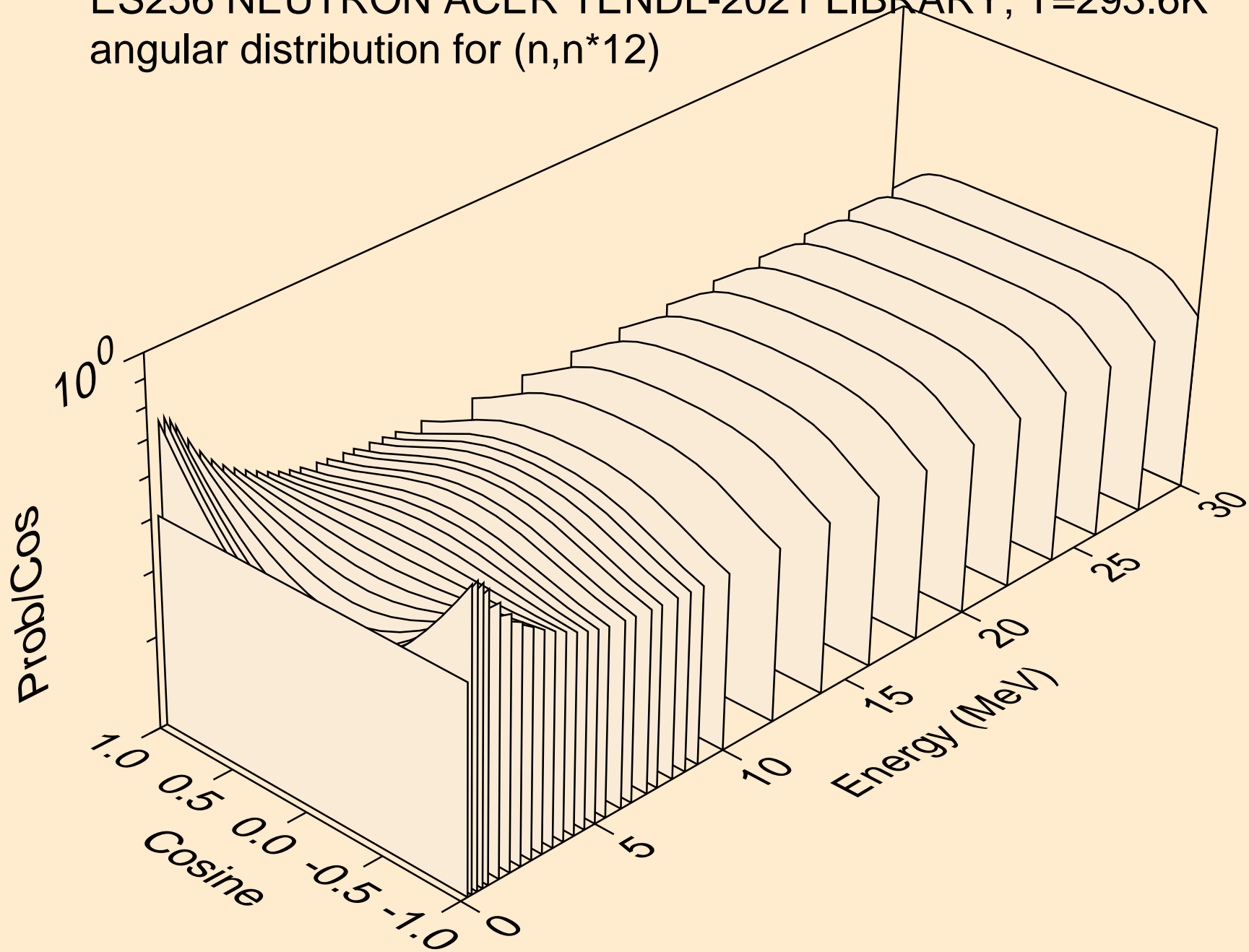


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angular distribution for (n,n\*11)

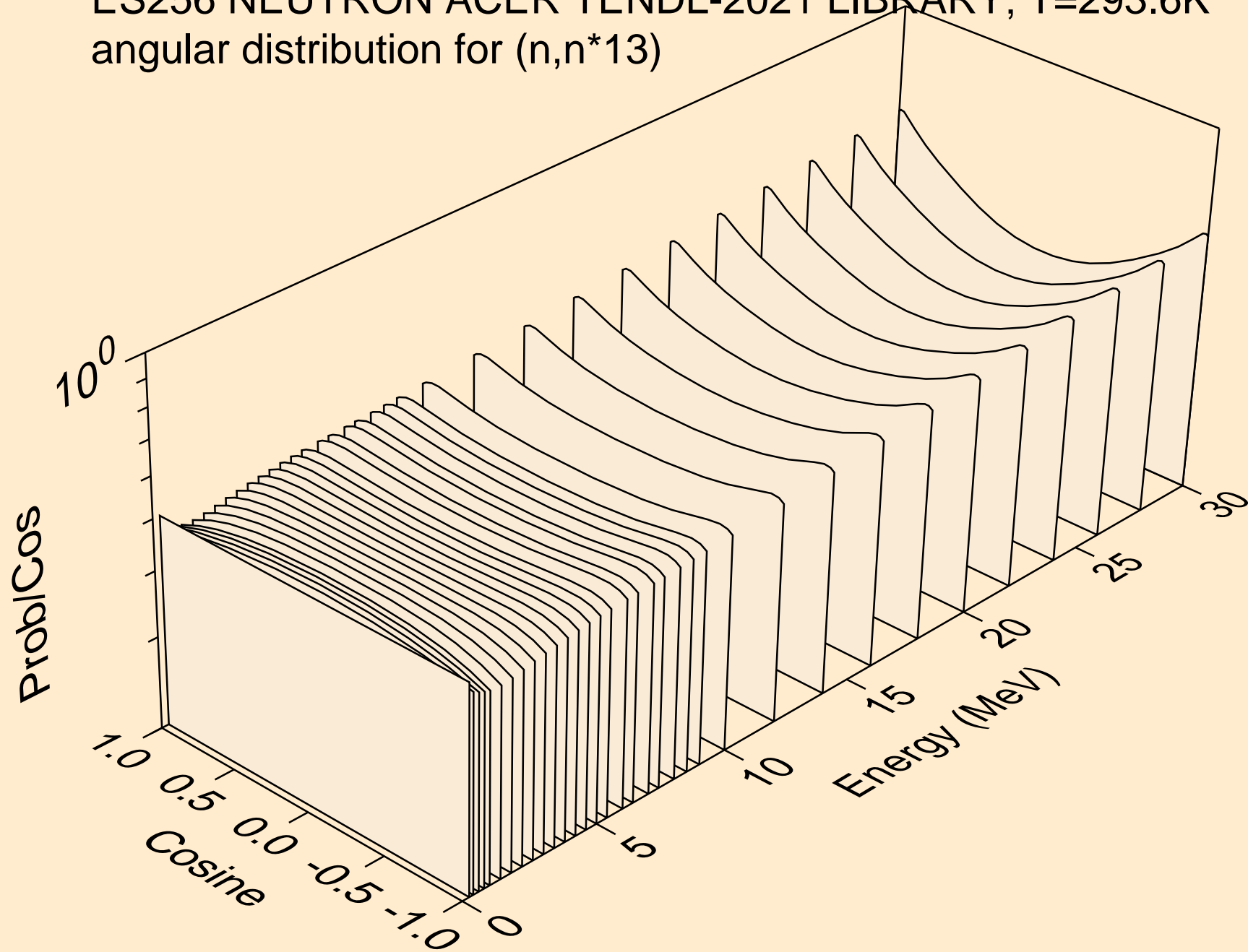




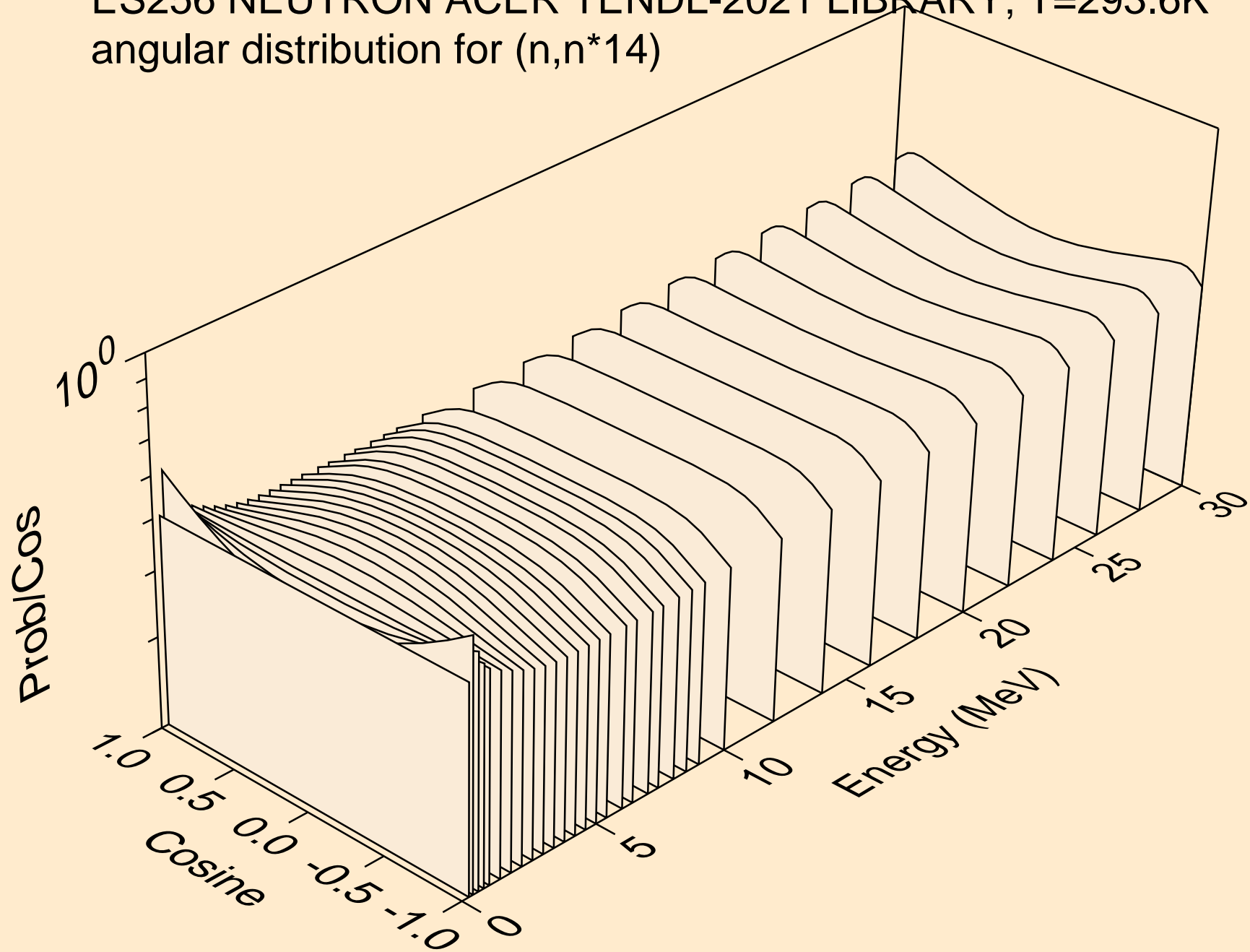
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angular distribution for (n,n\*12)



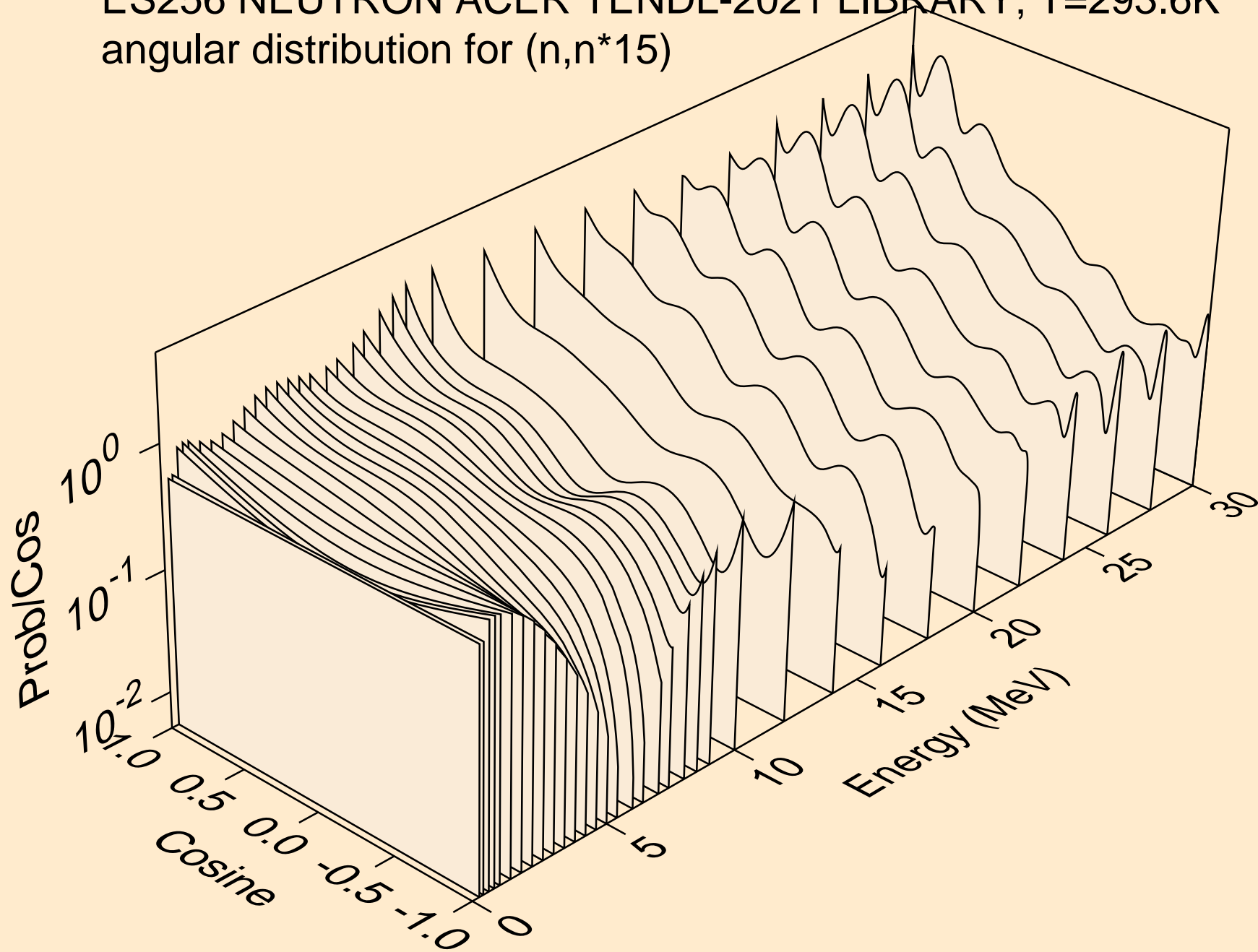
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angular distribution for (n,n\*13)



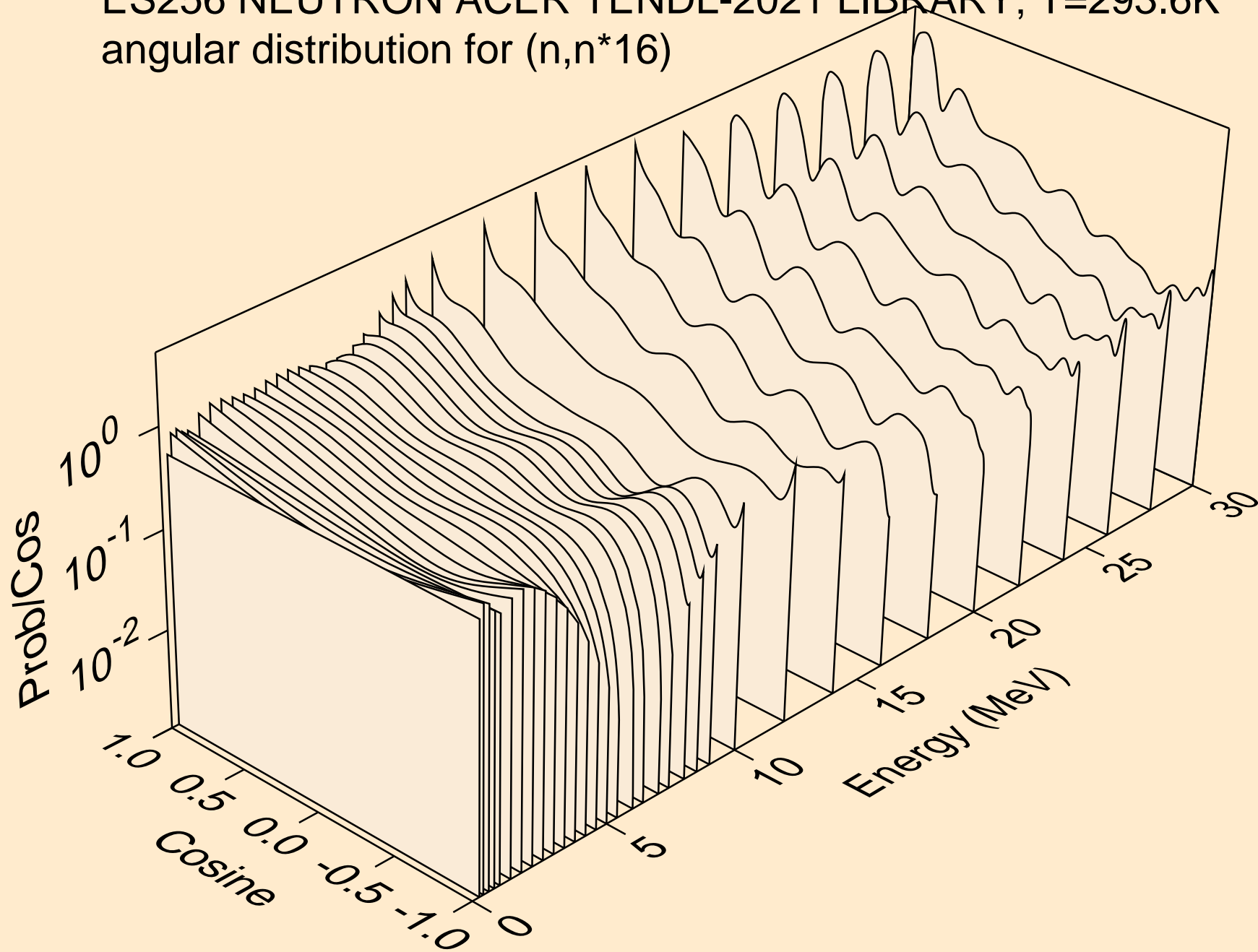
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angular distribution for (n,n\*14)



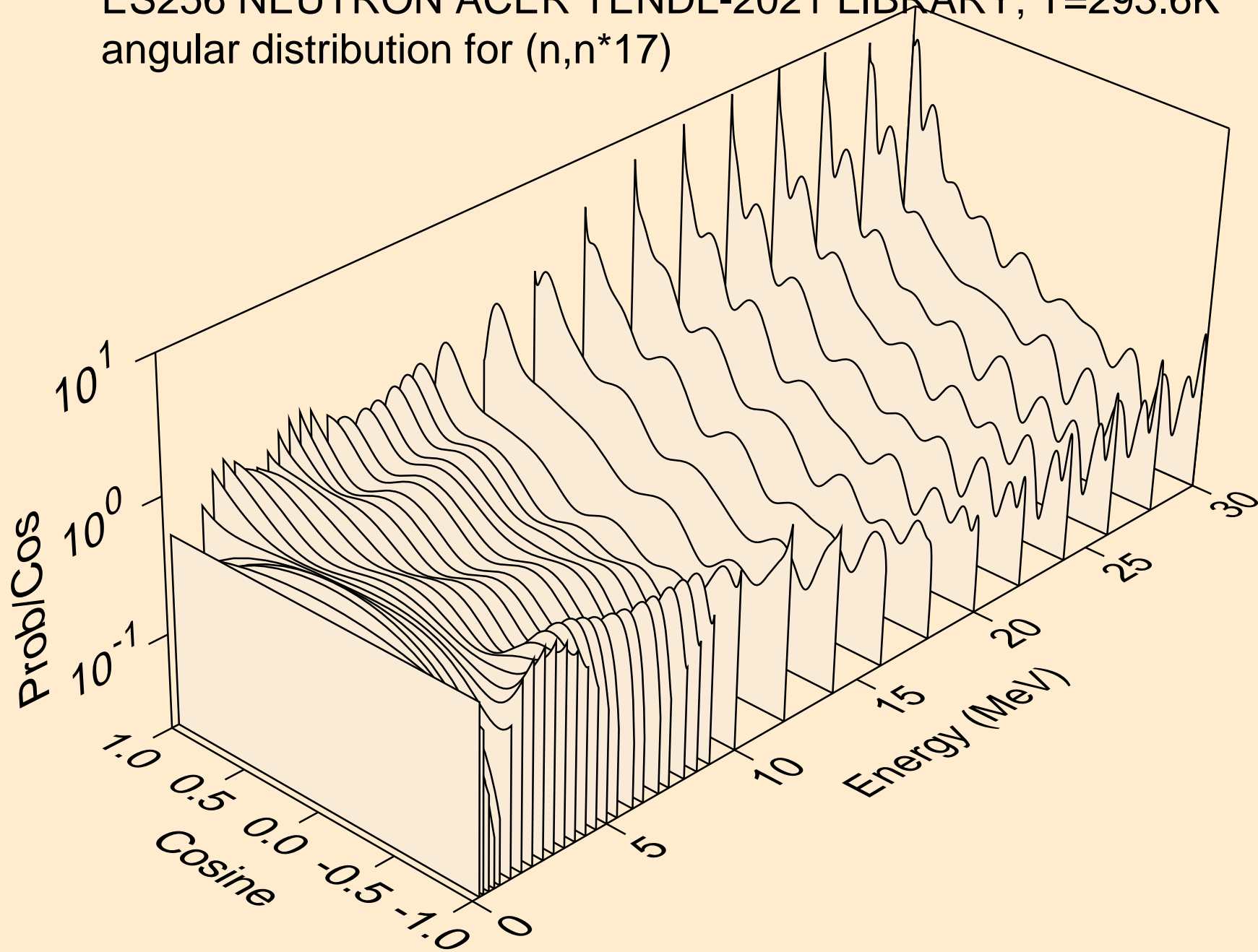
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angular distribution for (n,n\*15)



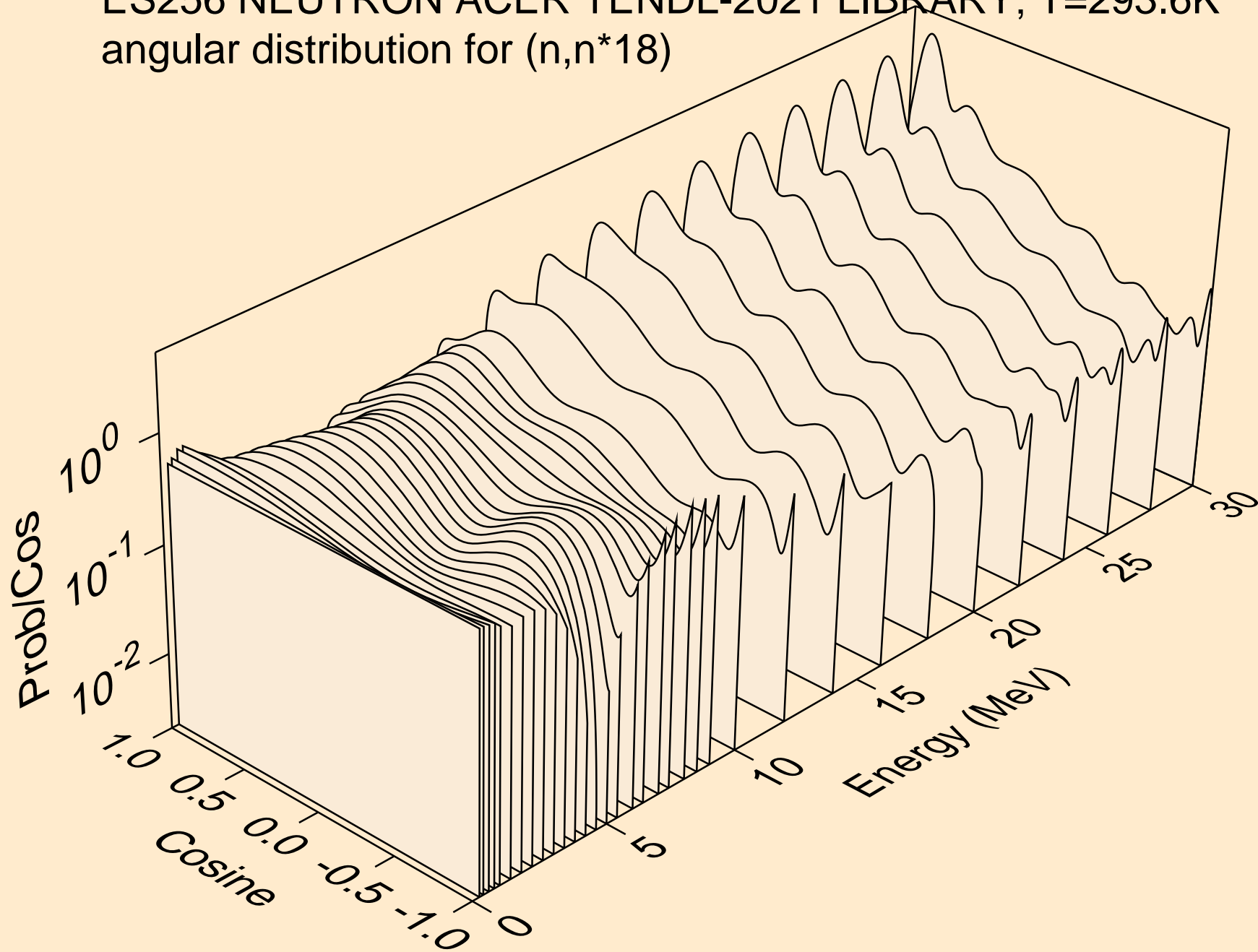
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angular distribution for (n,n\*16)



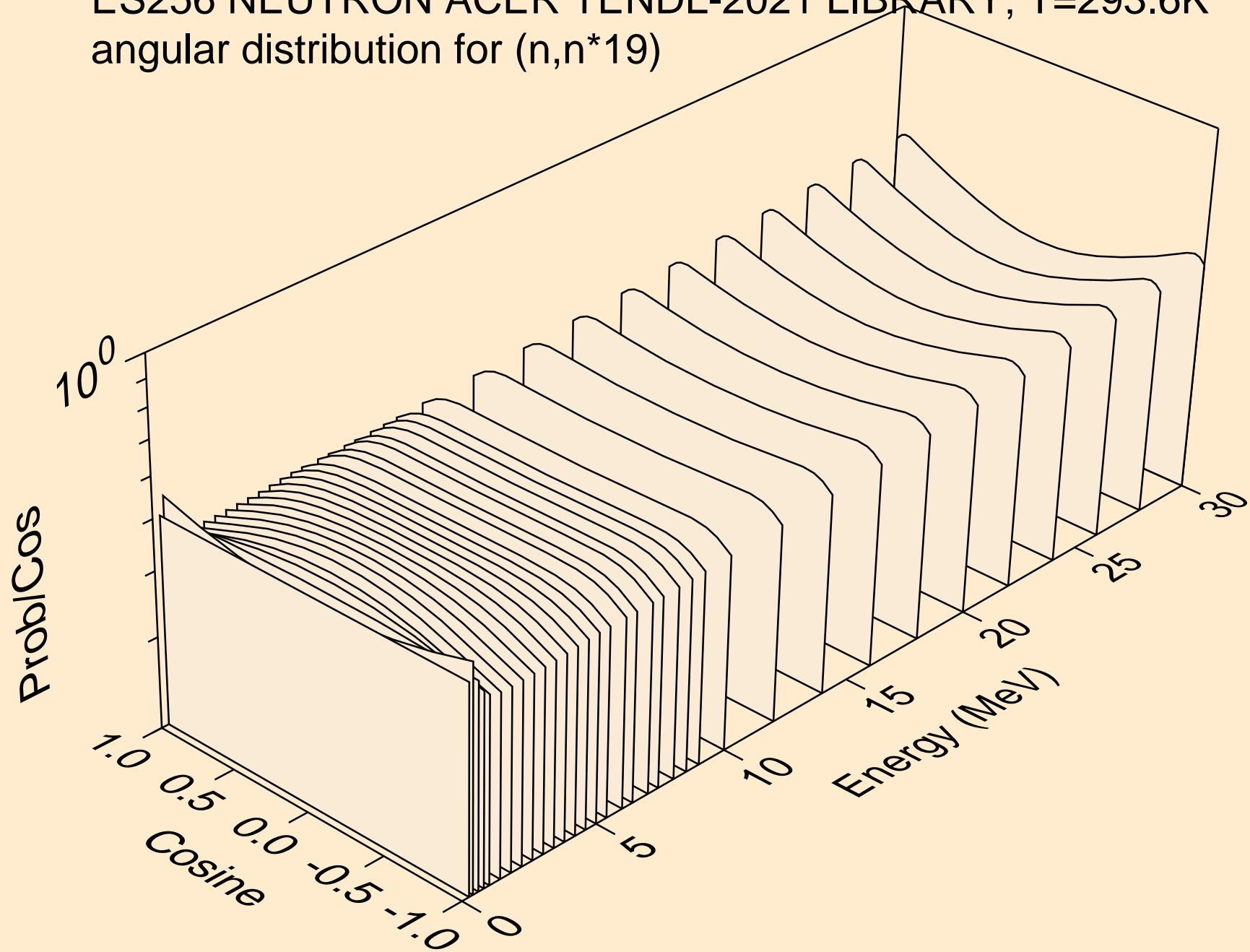
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angular distribution for (n,n\*17)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

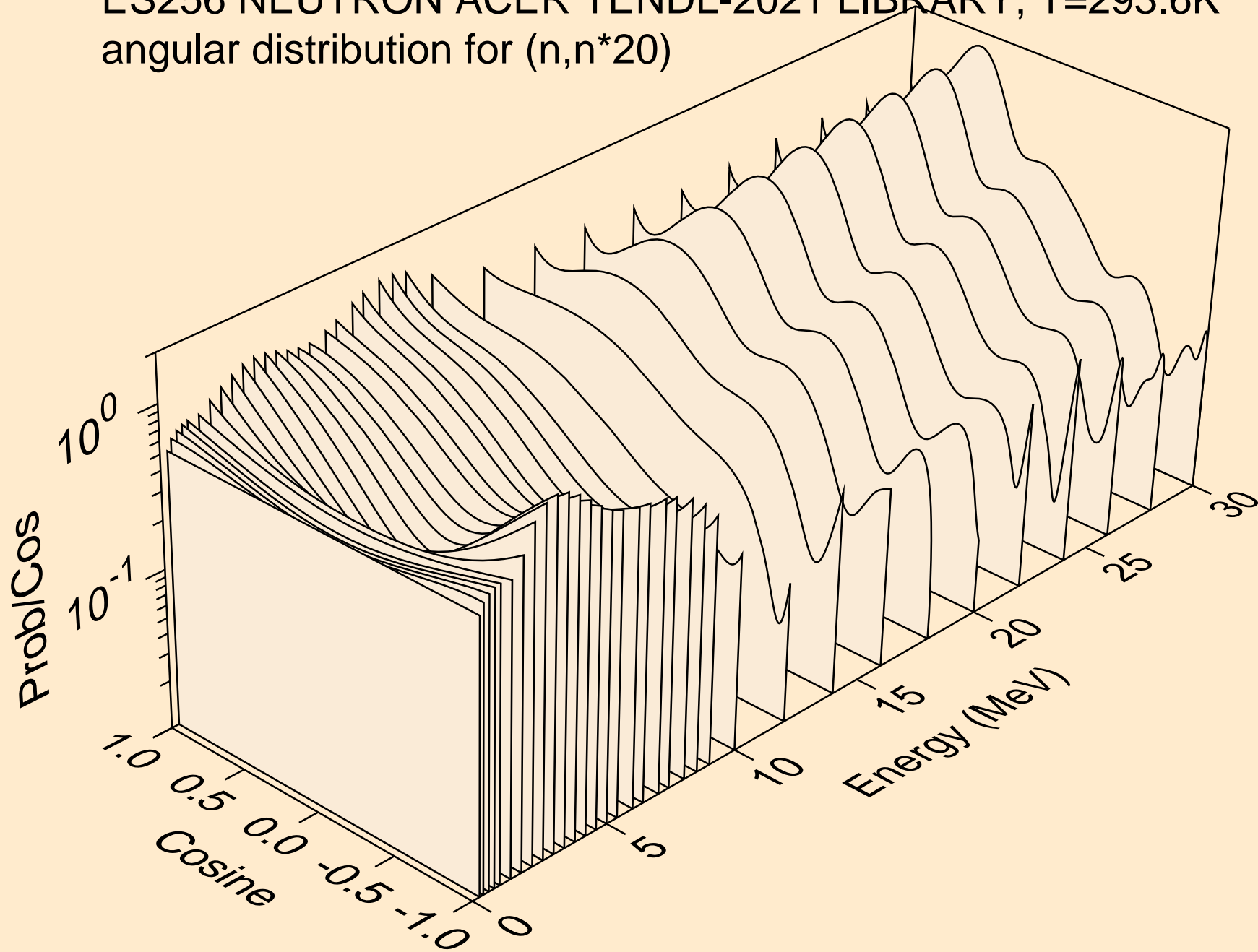


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angular distribution for (n,n\*19)

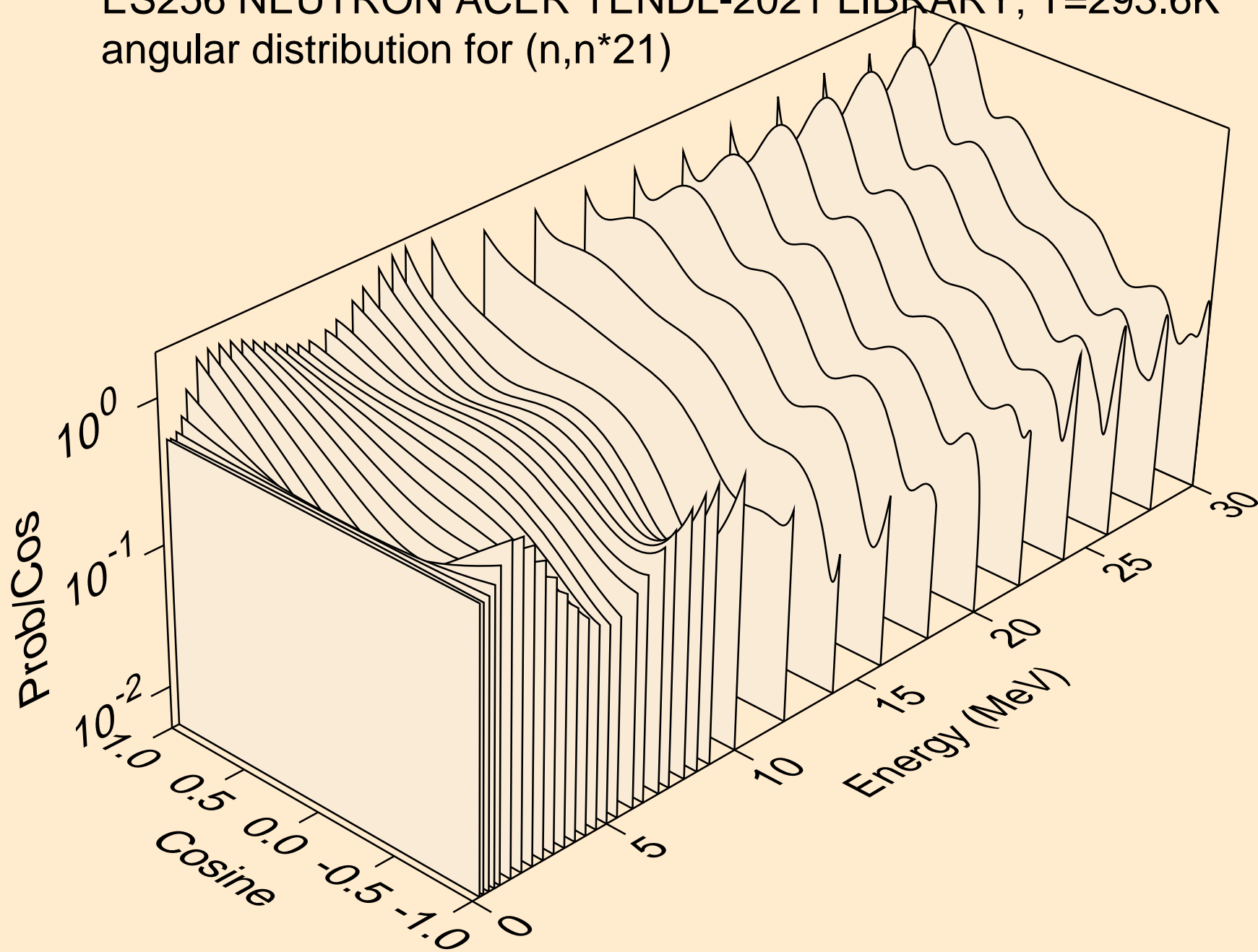




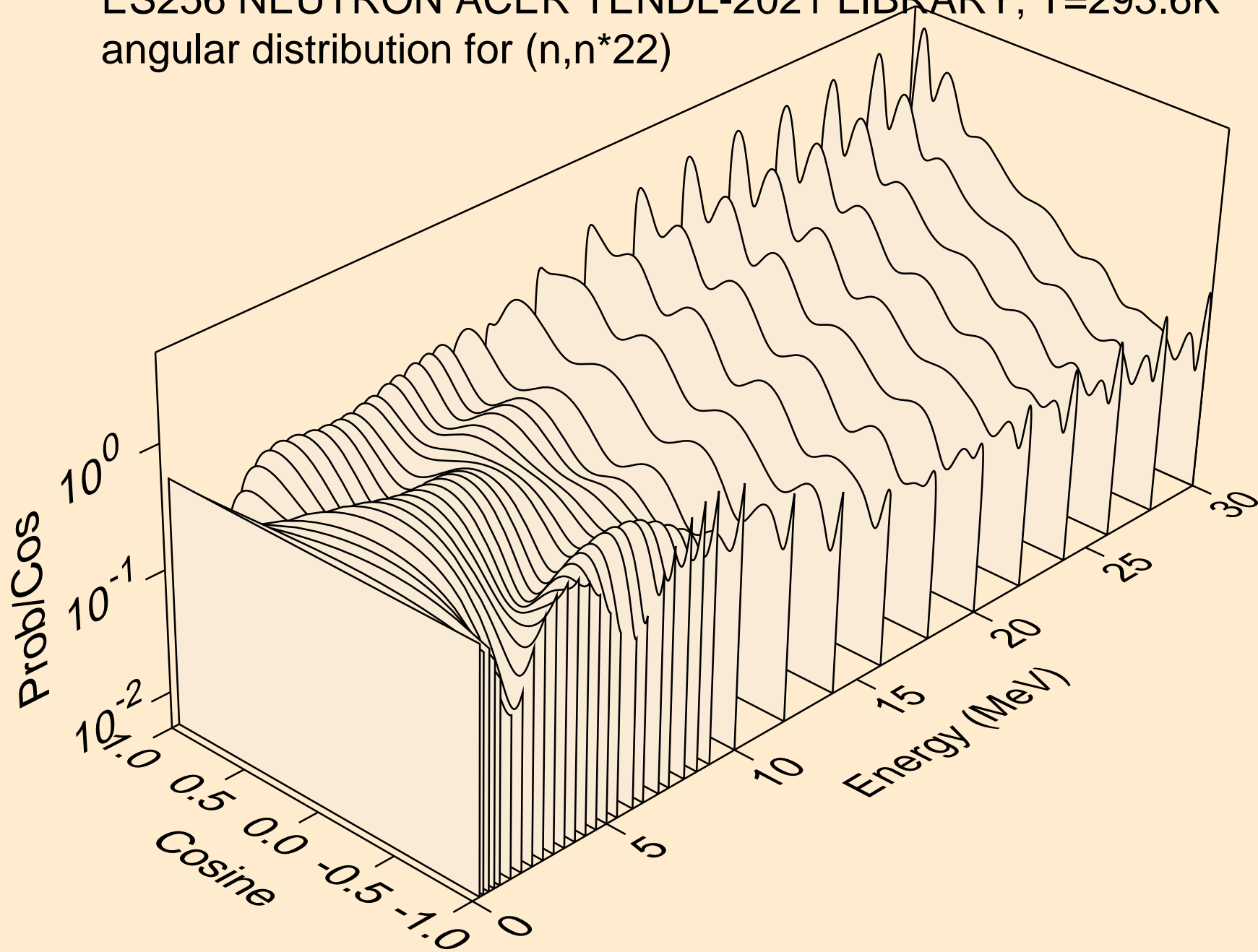
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angular distribution for (n,n\*20)



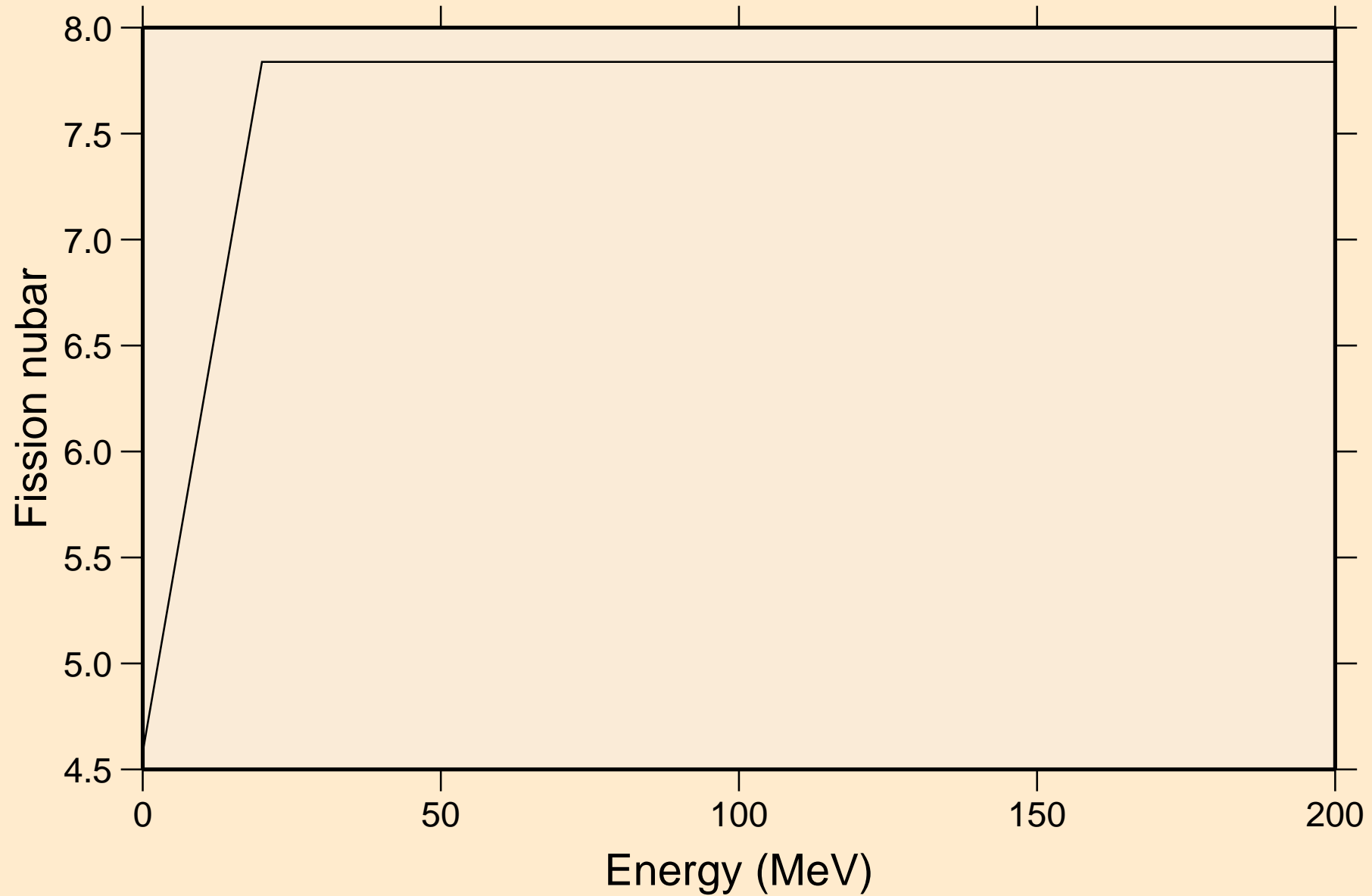
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angular distribution for (n,n\*21)



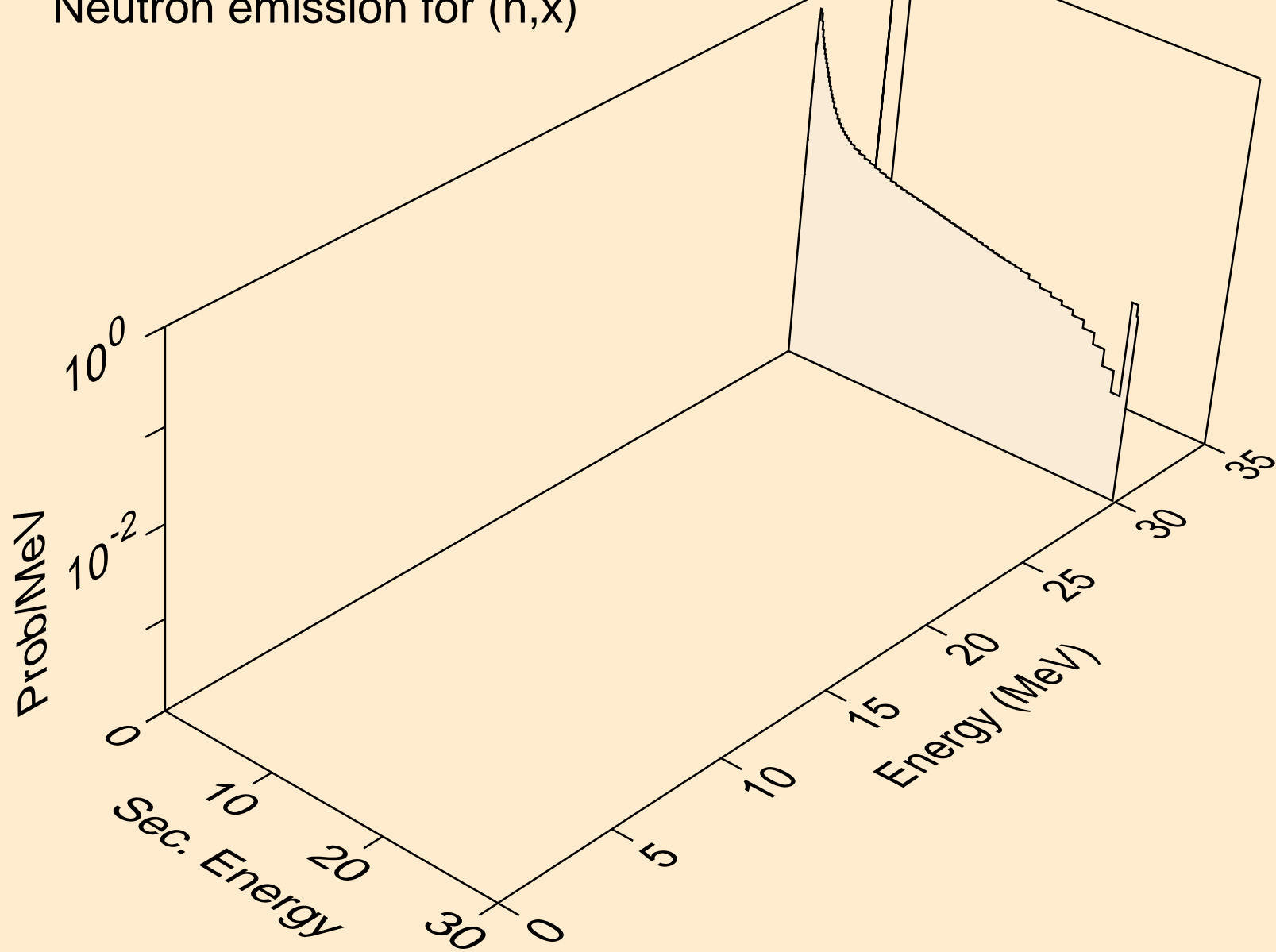
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angular distribution for (n,n\*22)



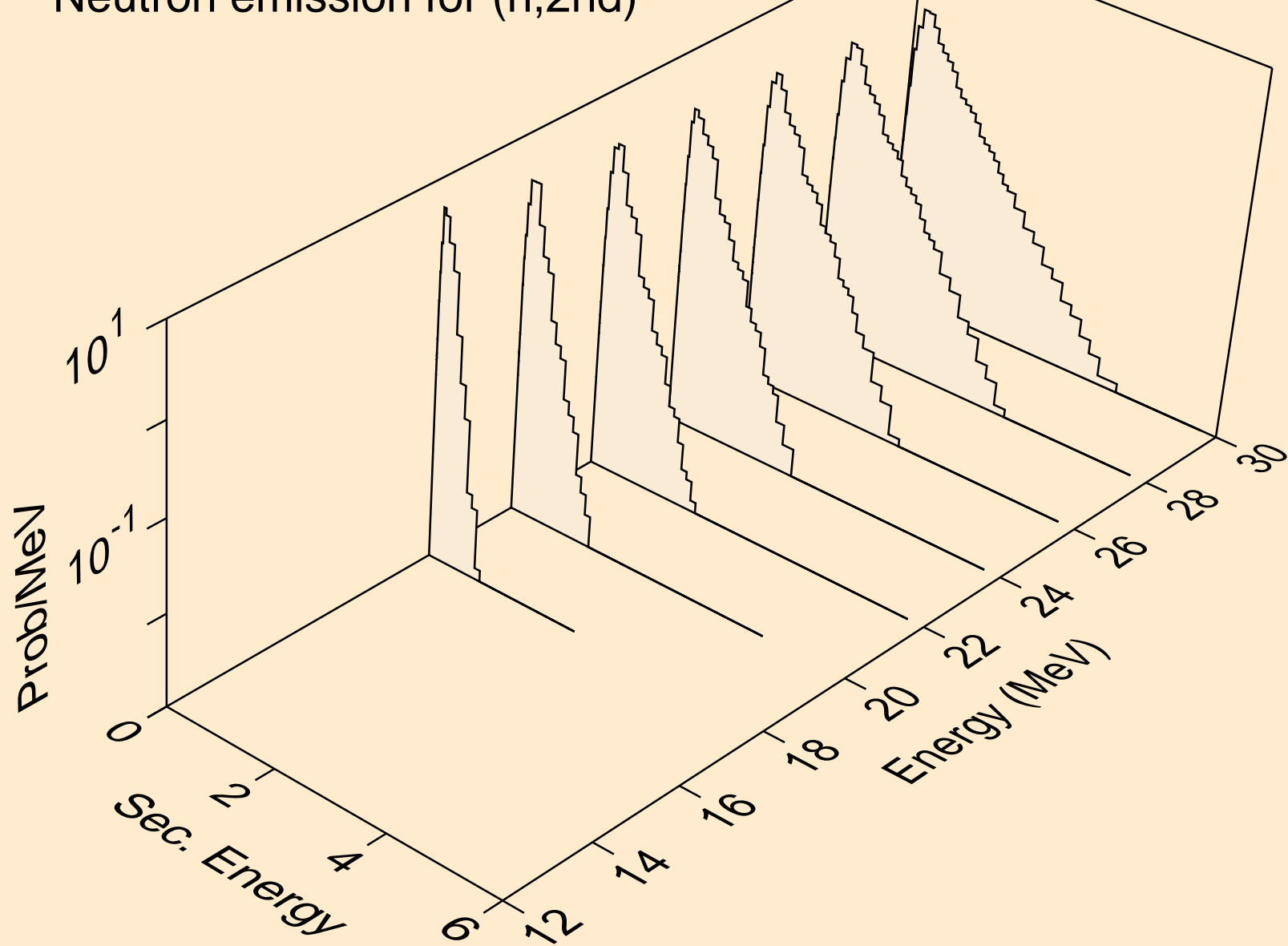
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



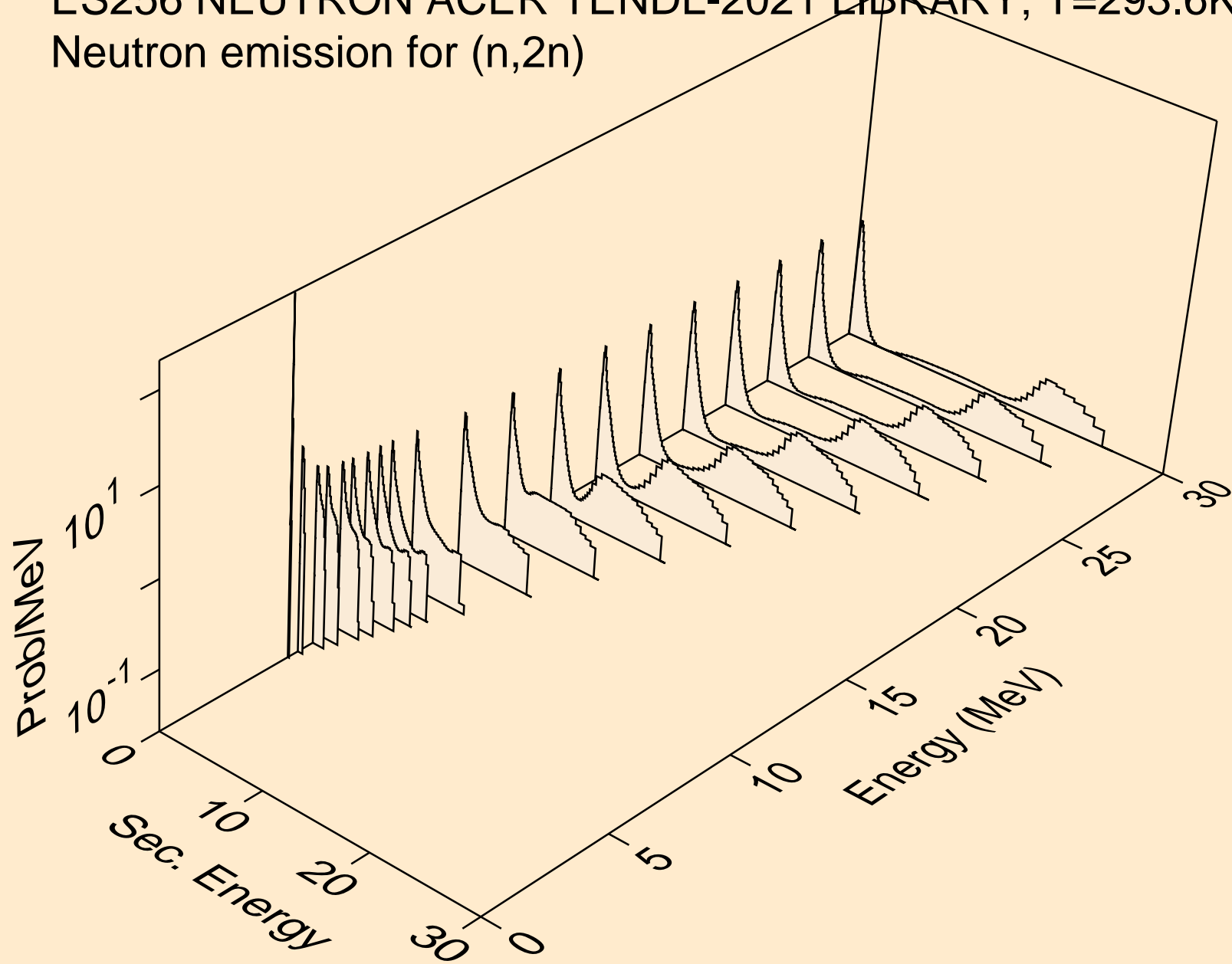
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Neutron emission for (n,x)



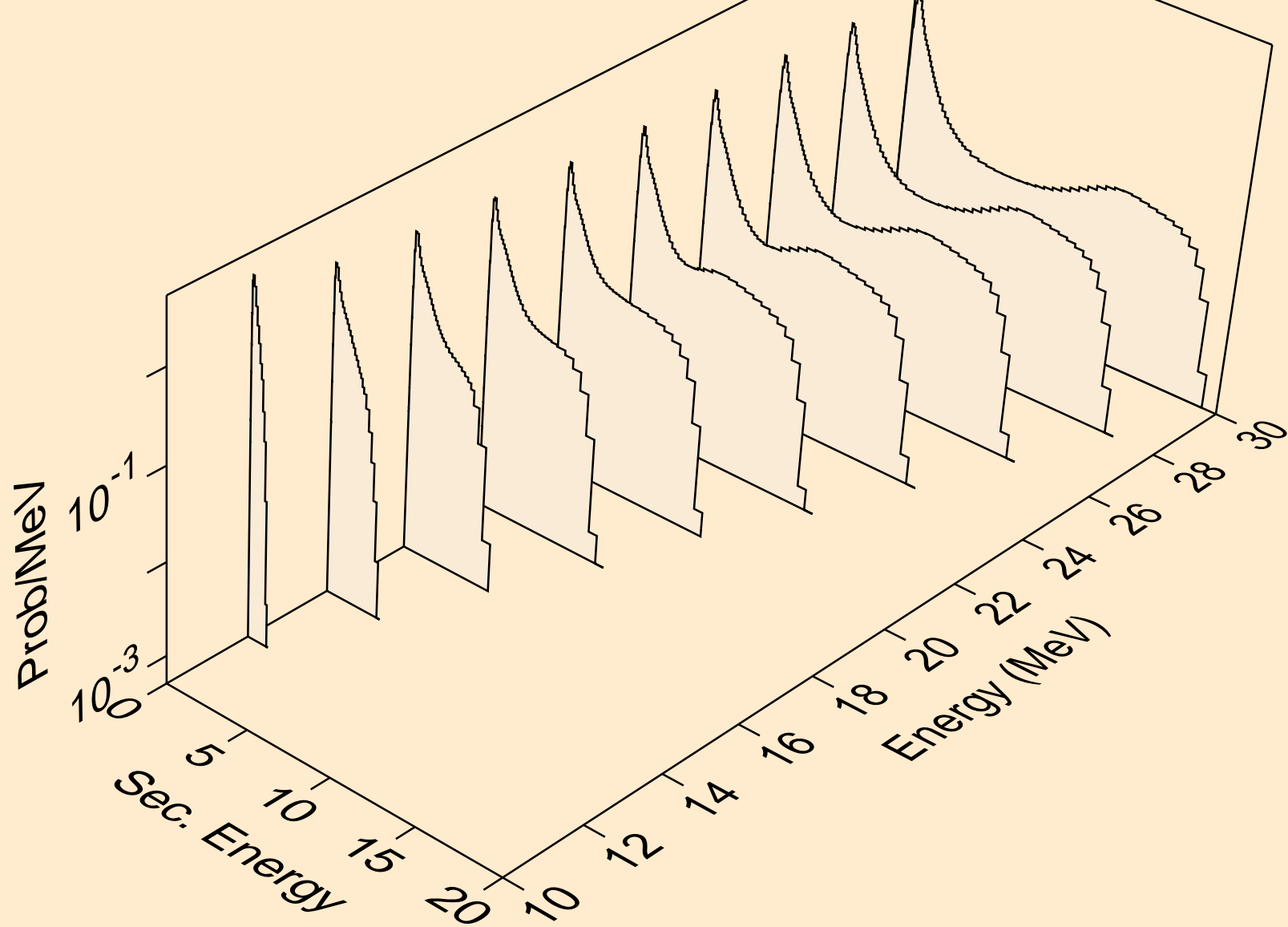
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

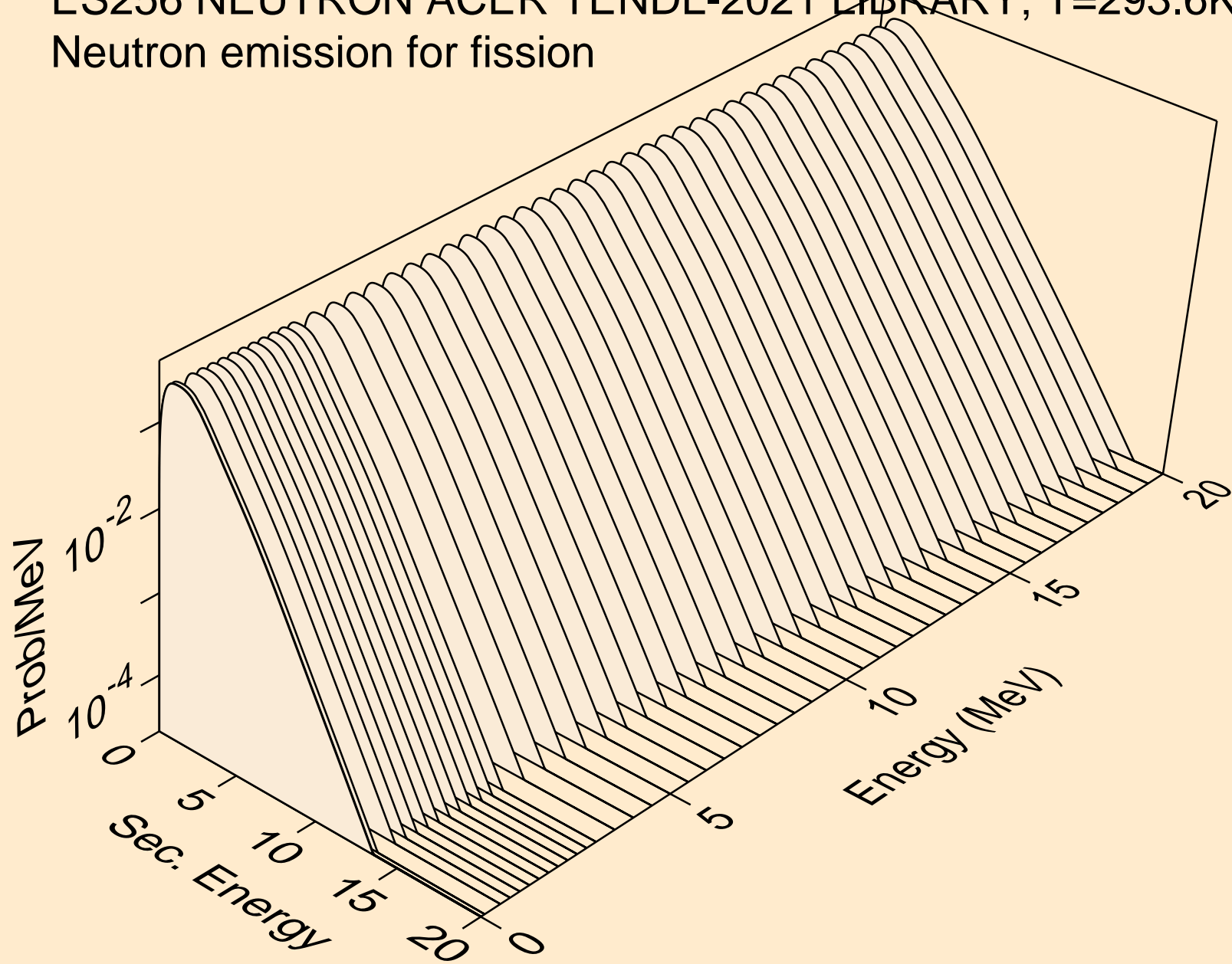


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Neutron emission for (n,3n)

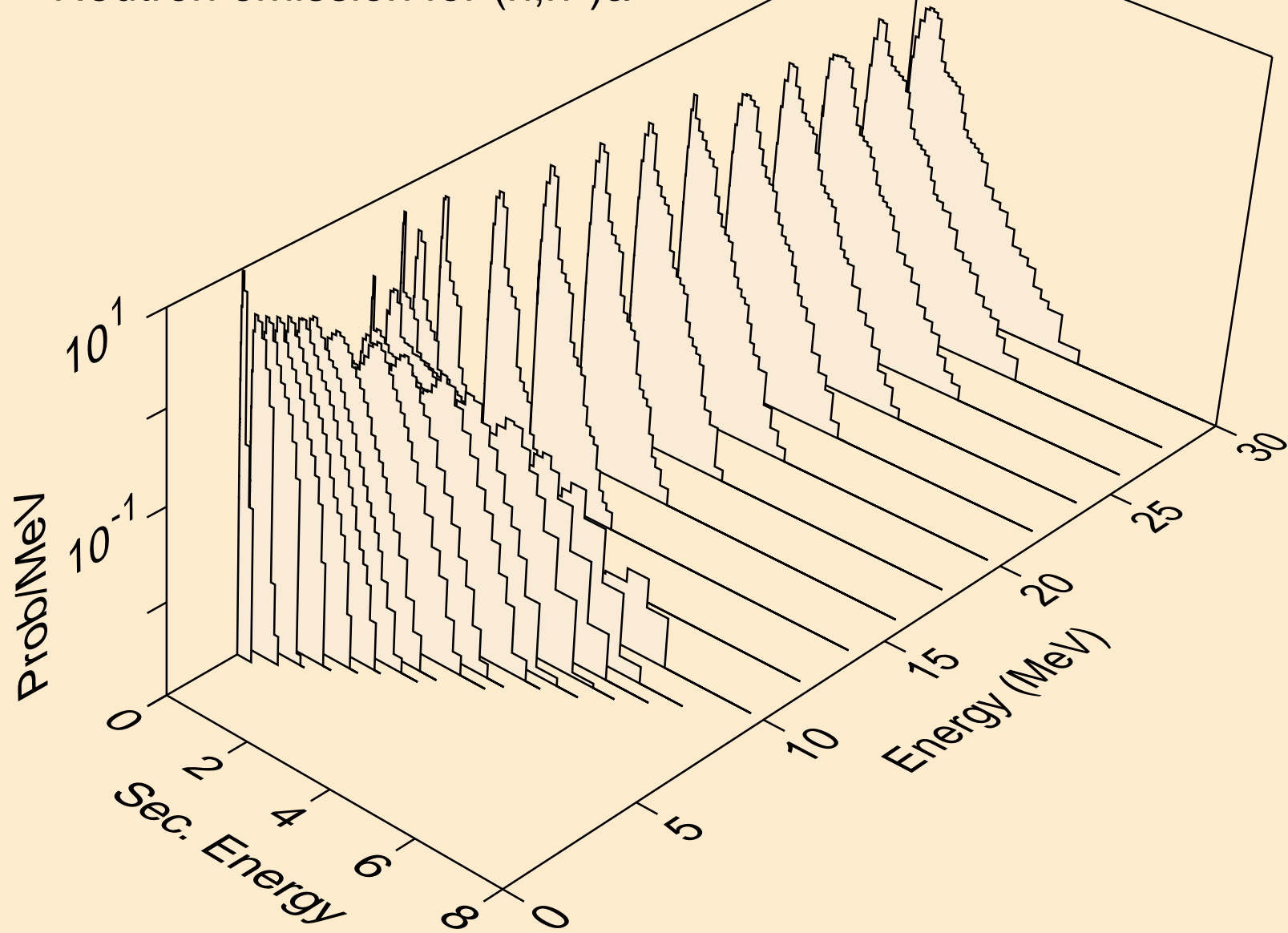




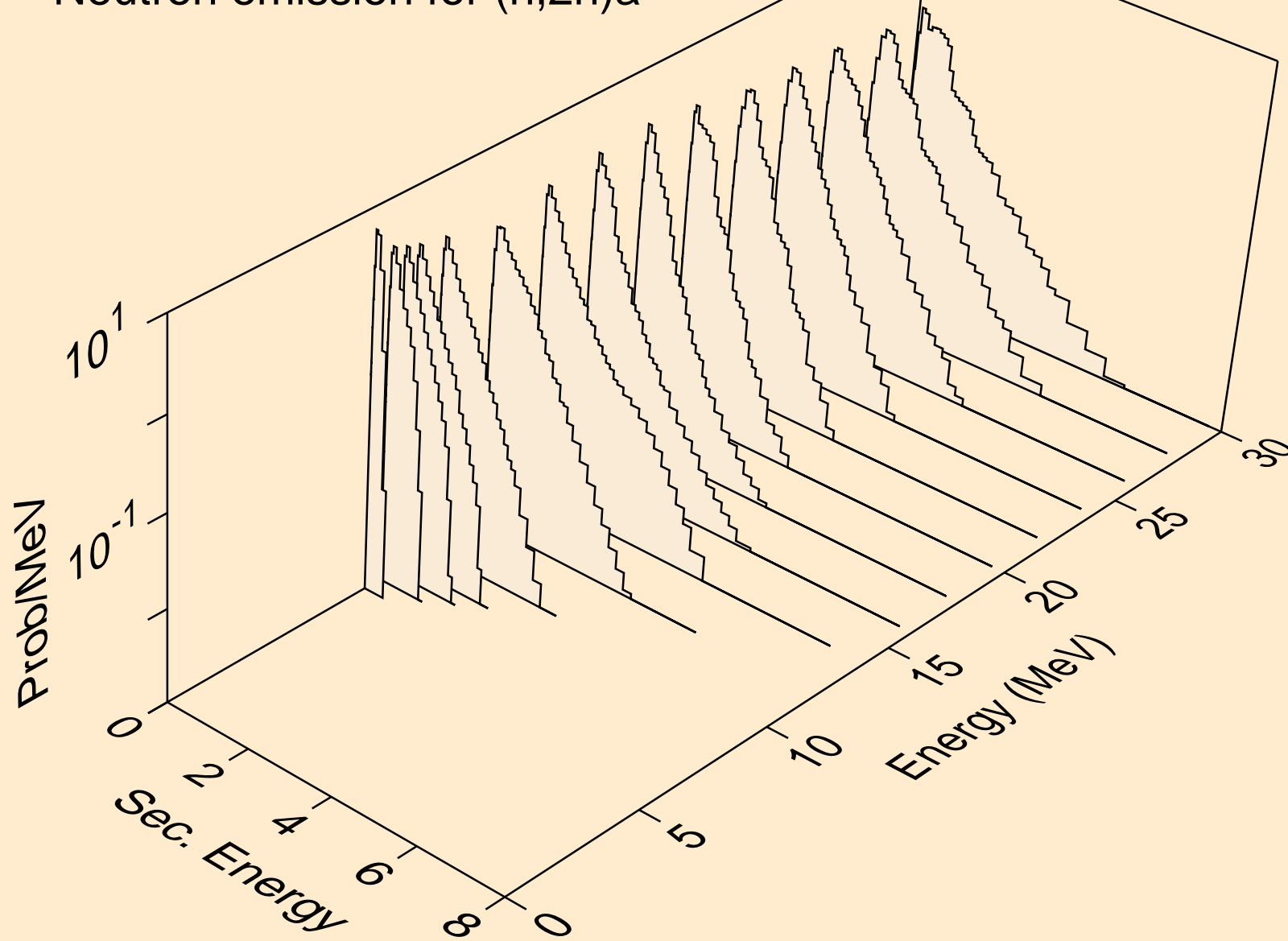
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Neutron emission for fission



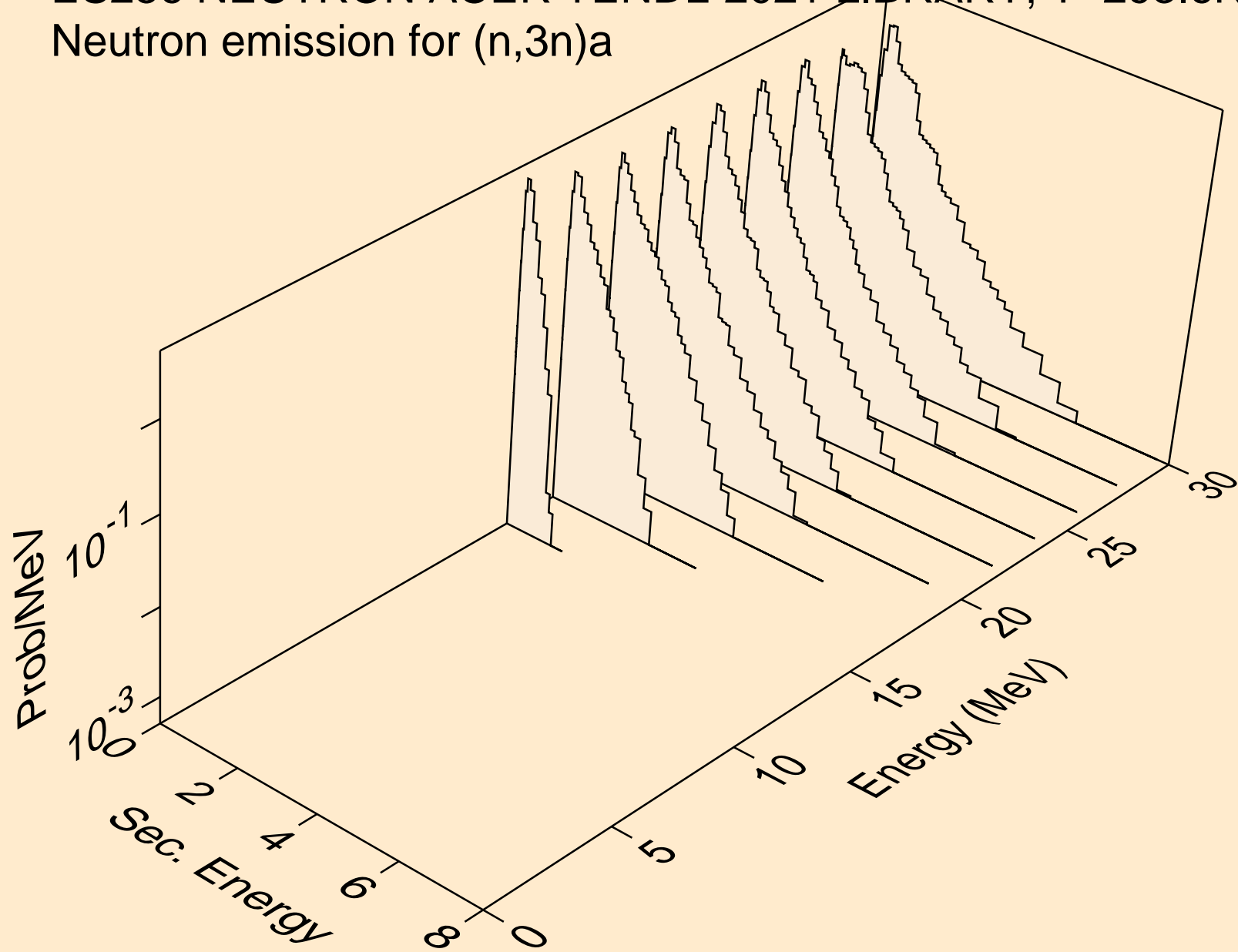
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



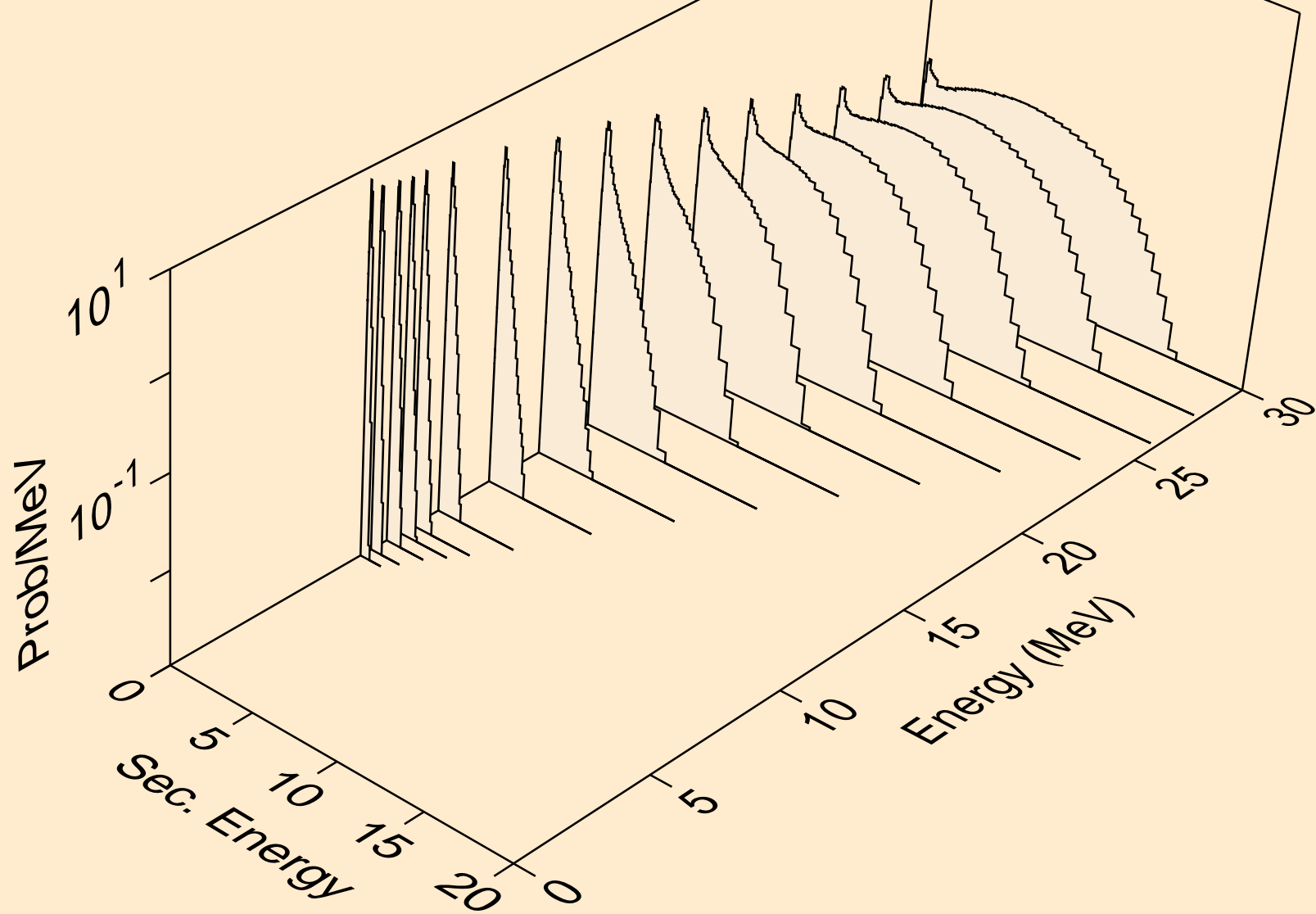
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Neutron emission for (n,2n)a



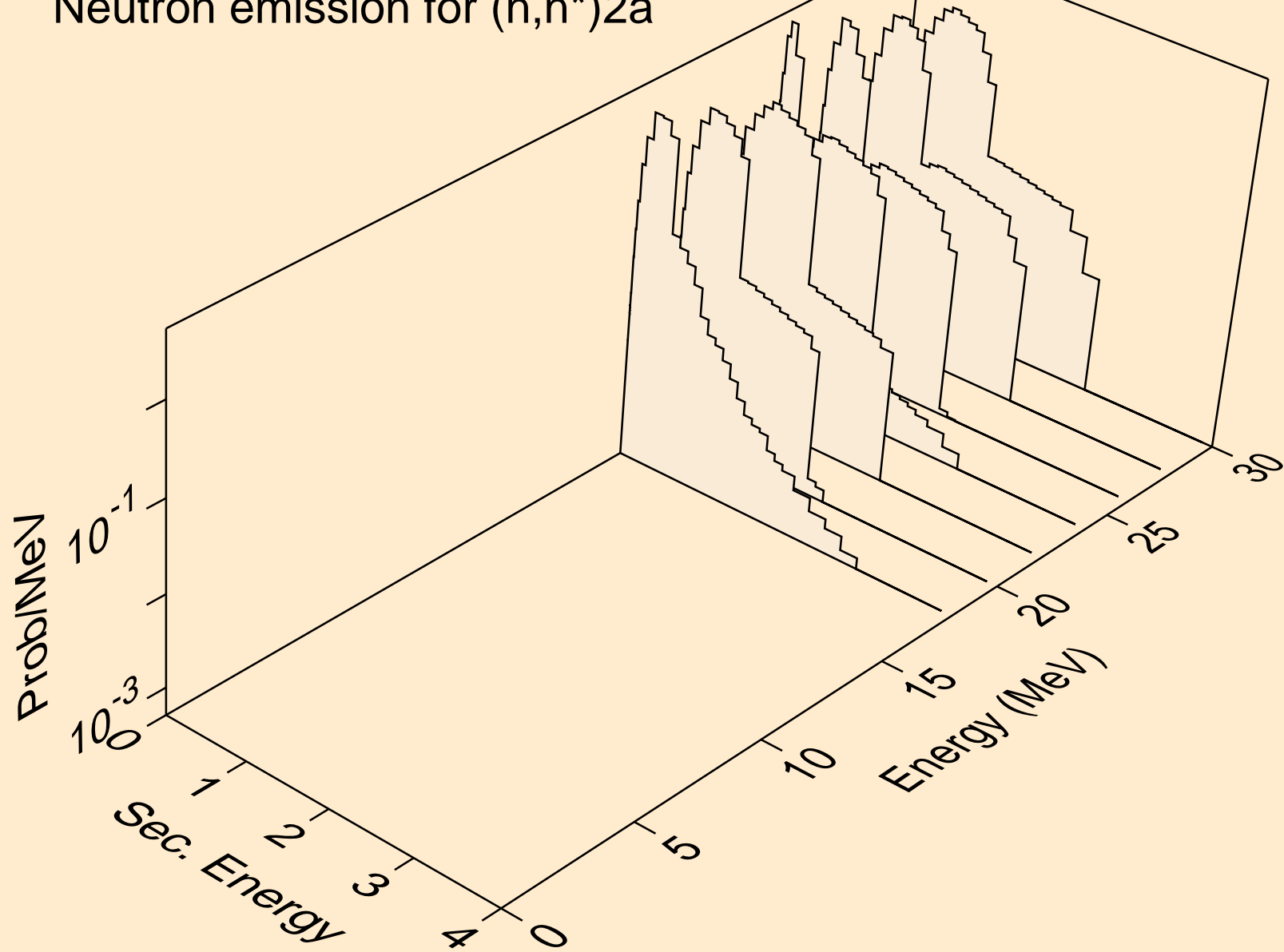
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Neutron emission for (n,3n)a



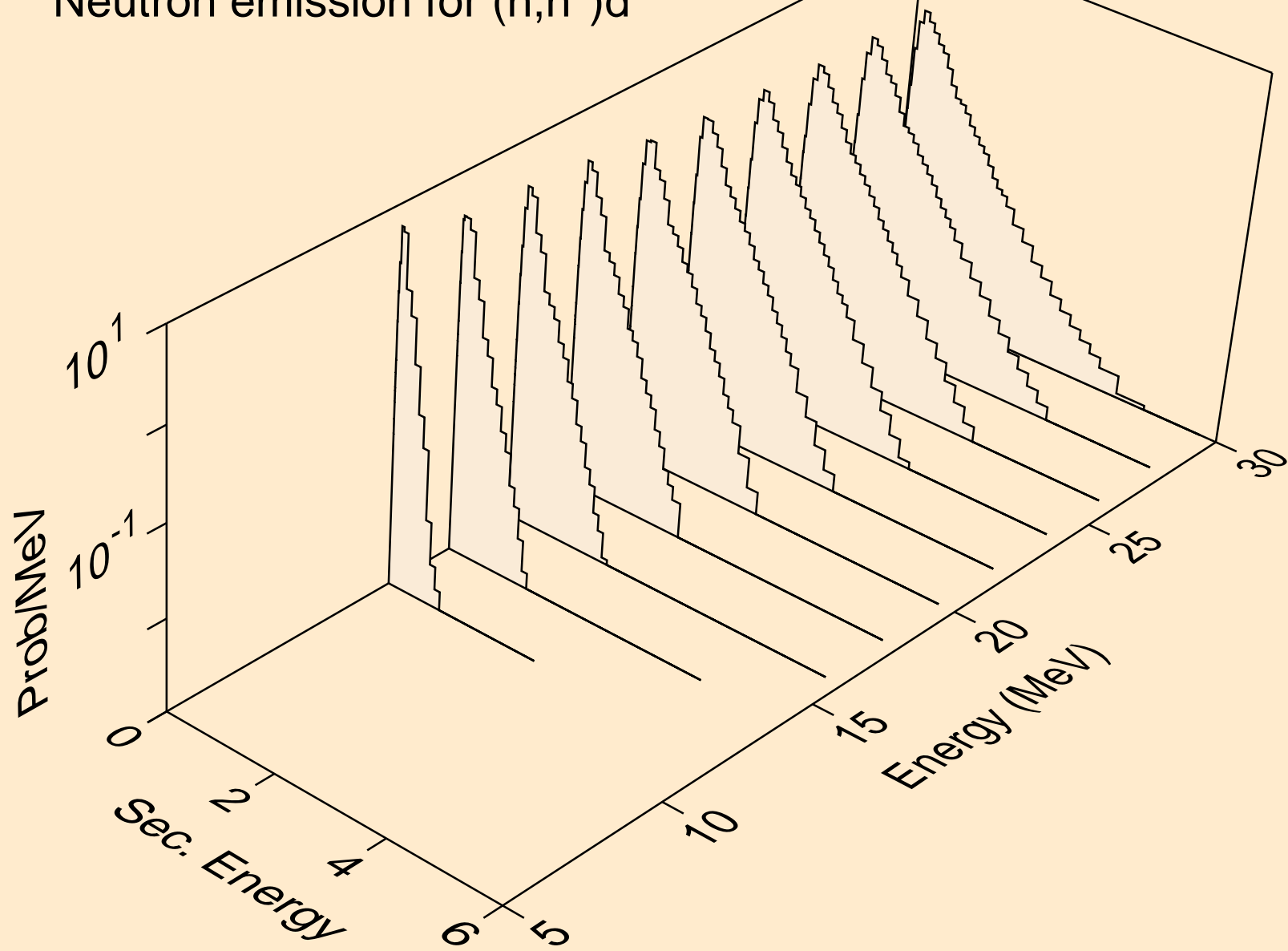
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Neutron emission for (n,n\*)p



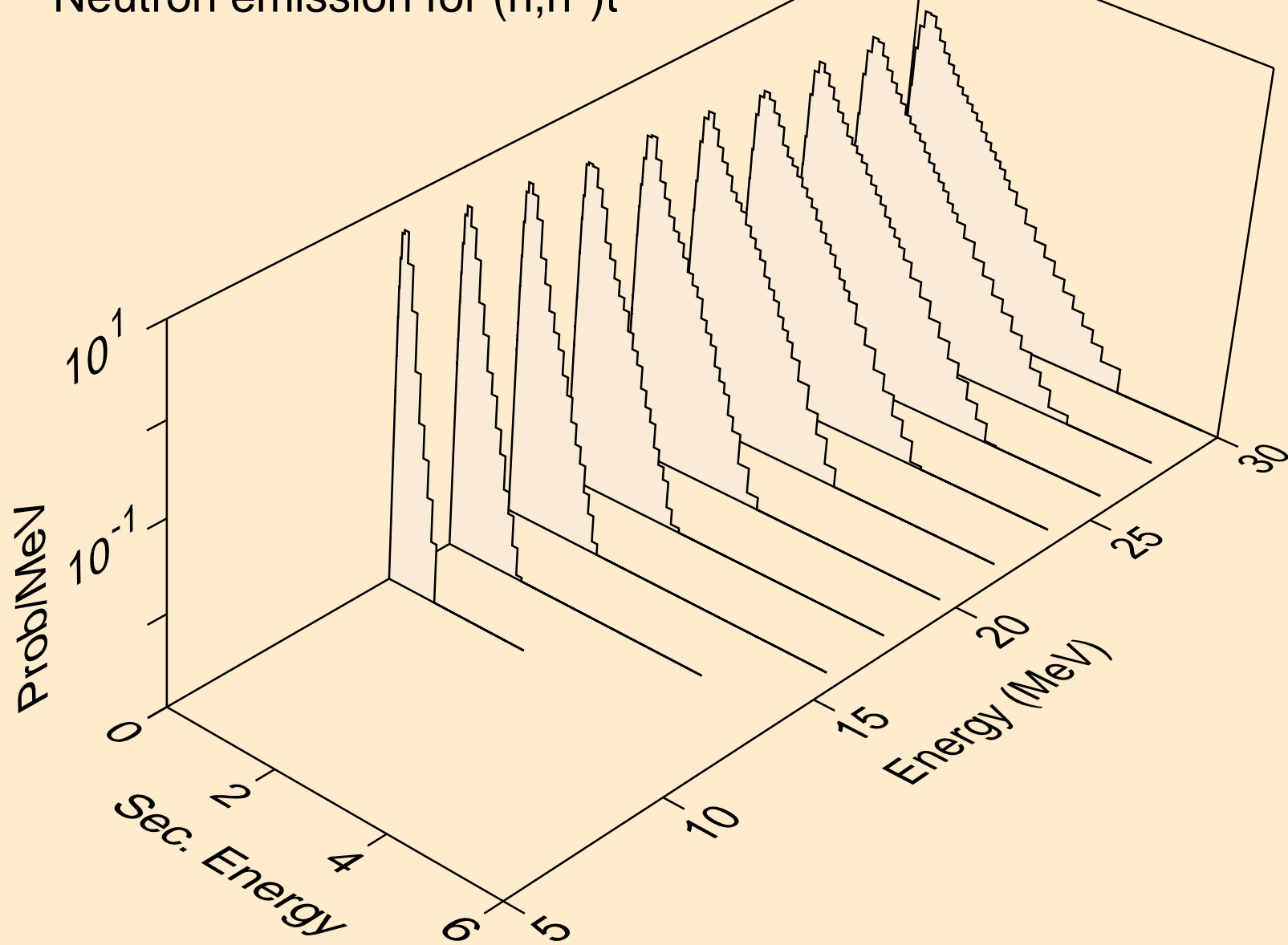
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

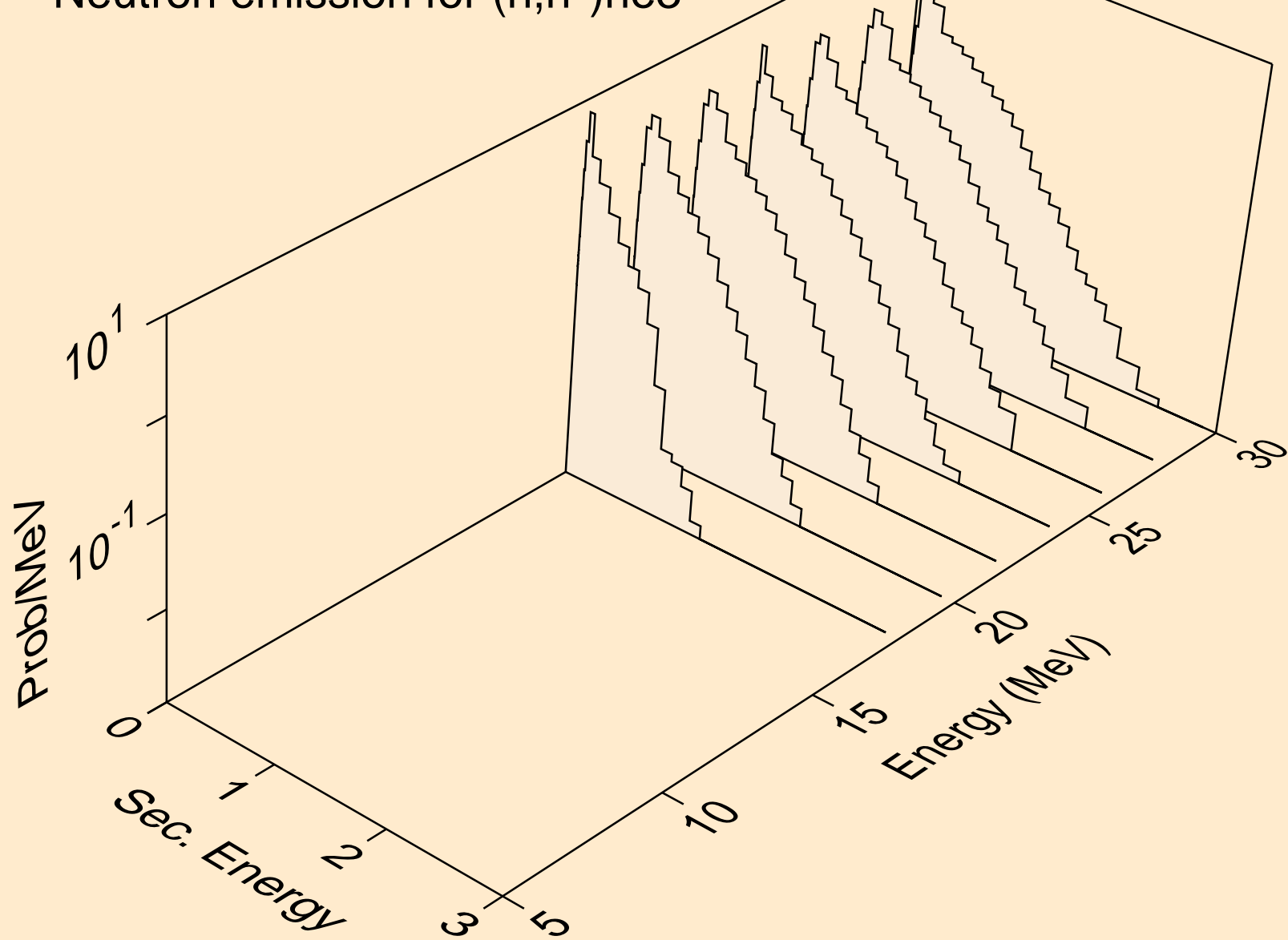


ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

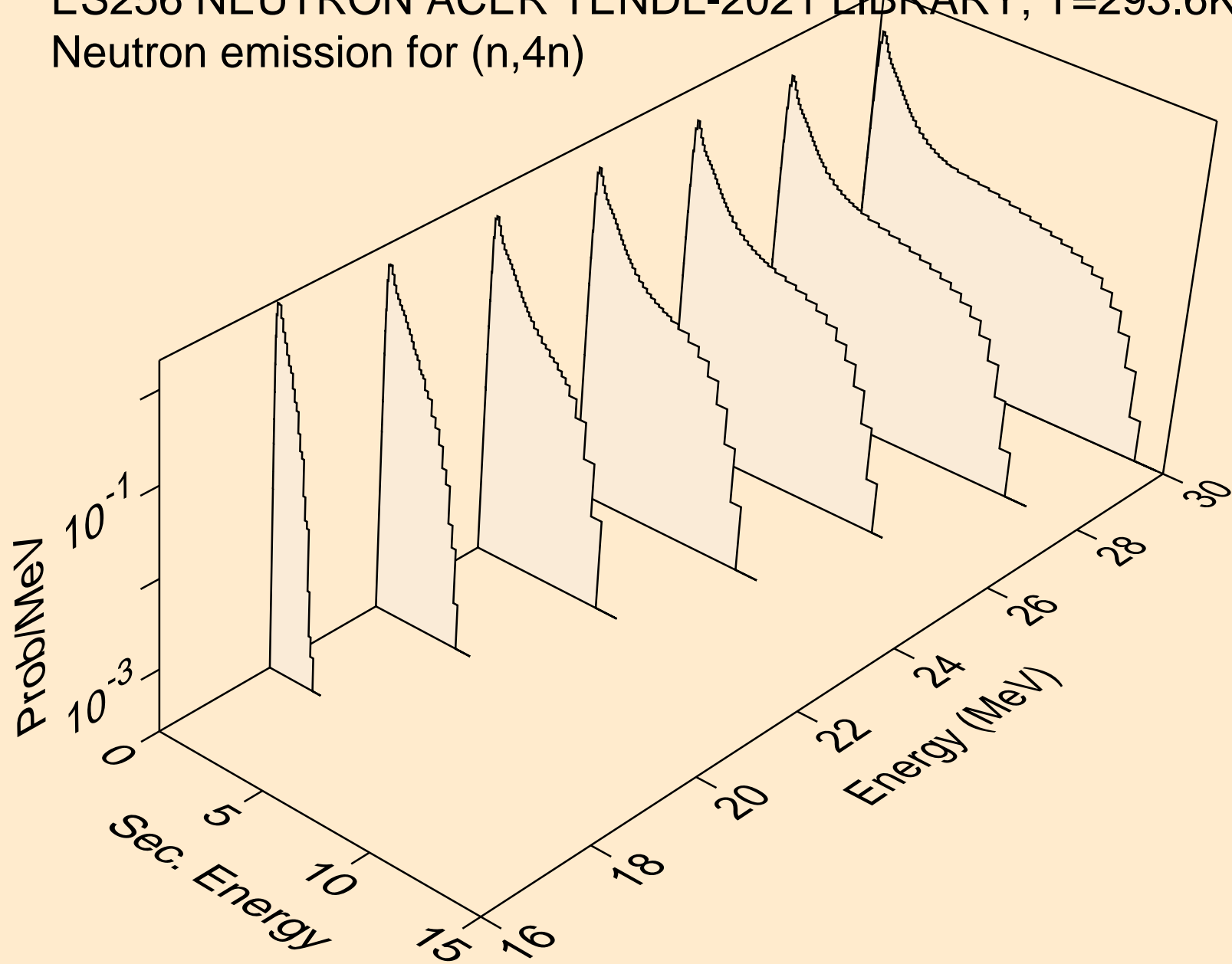




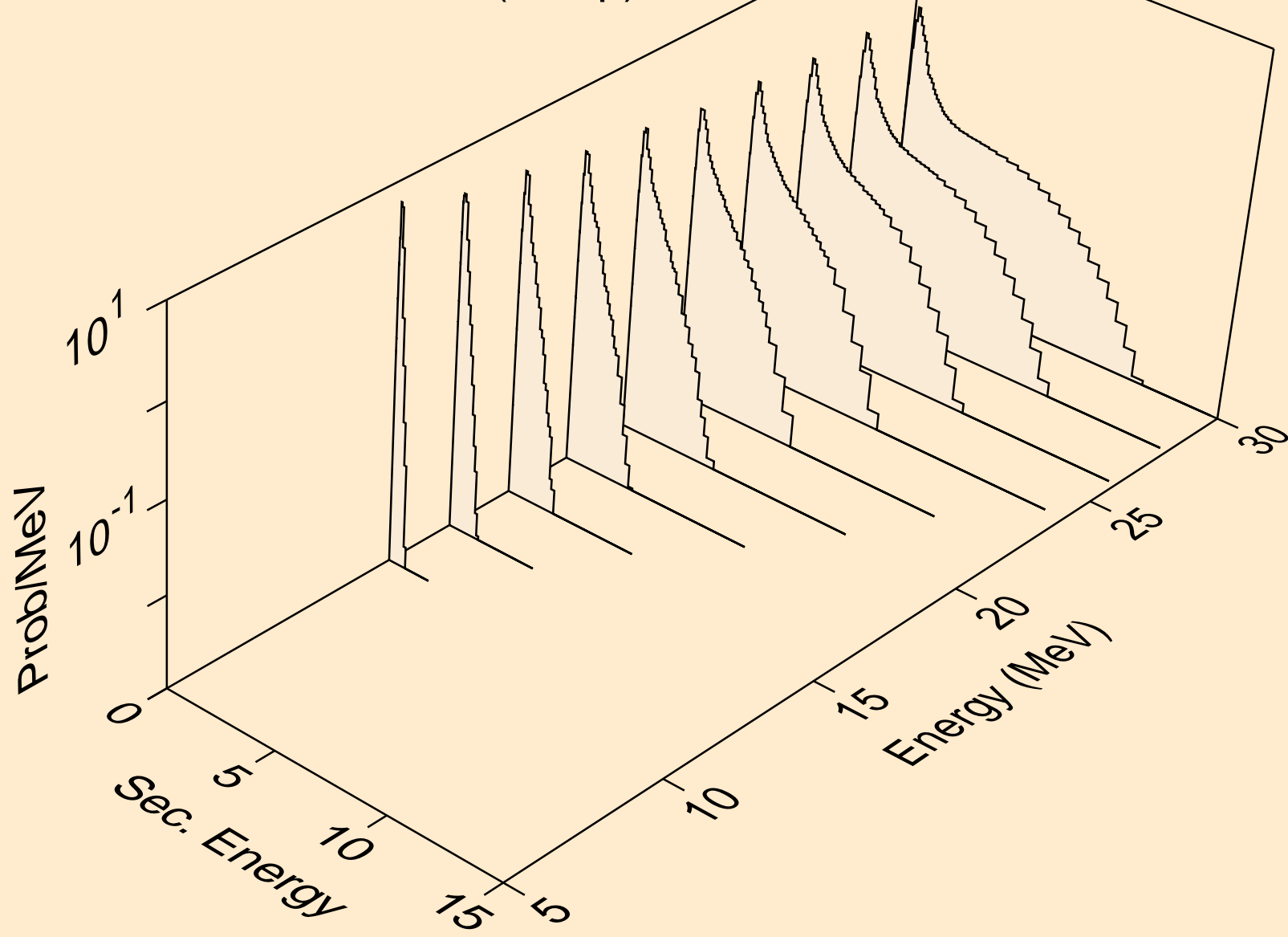
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Neutron emission for (n,n\*)he3



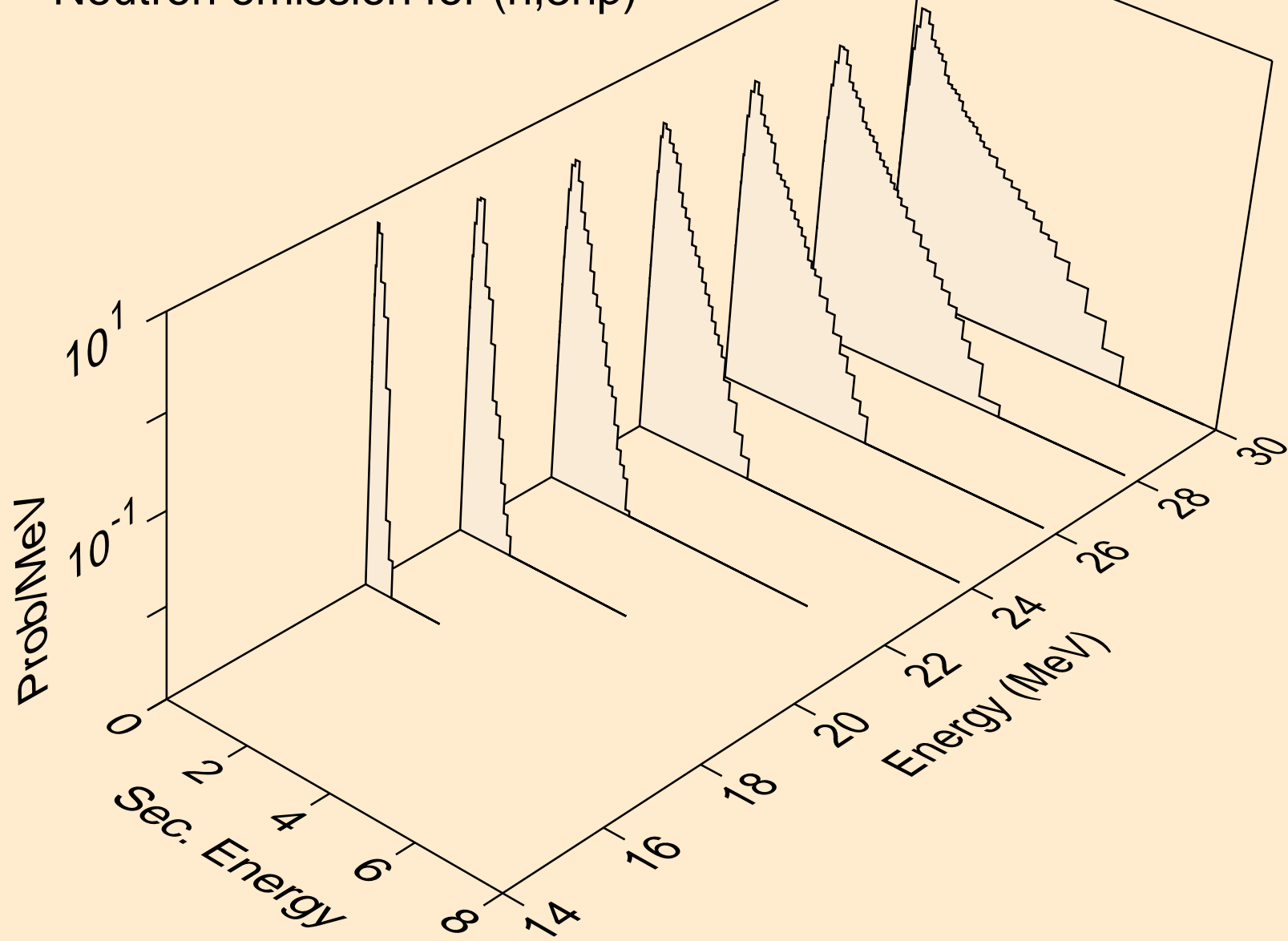
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Neutron emission for (n,4n)



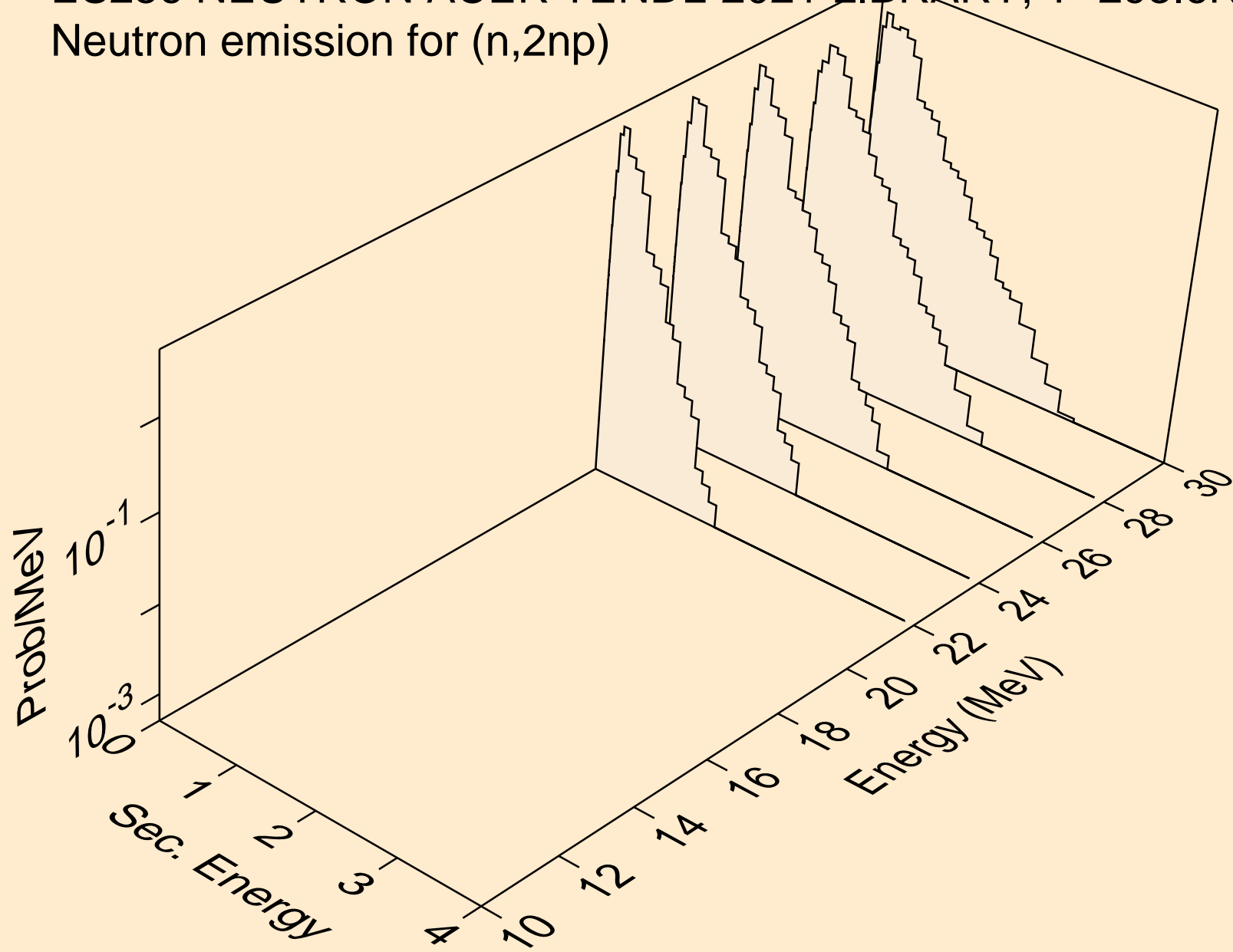
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



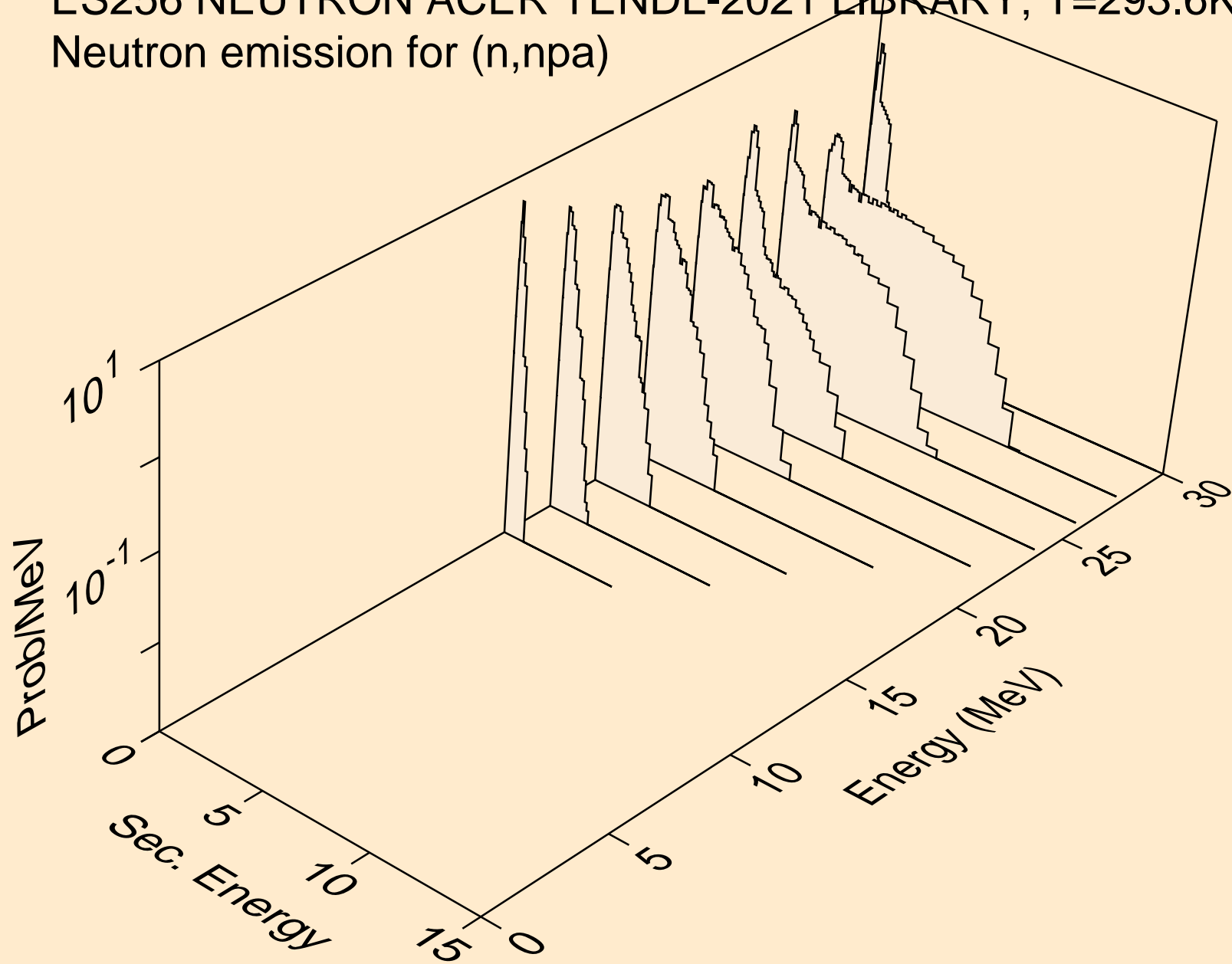
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



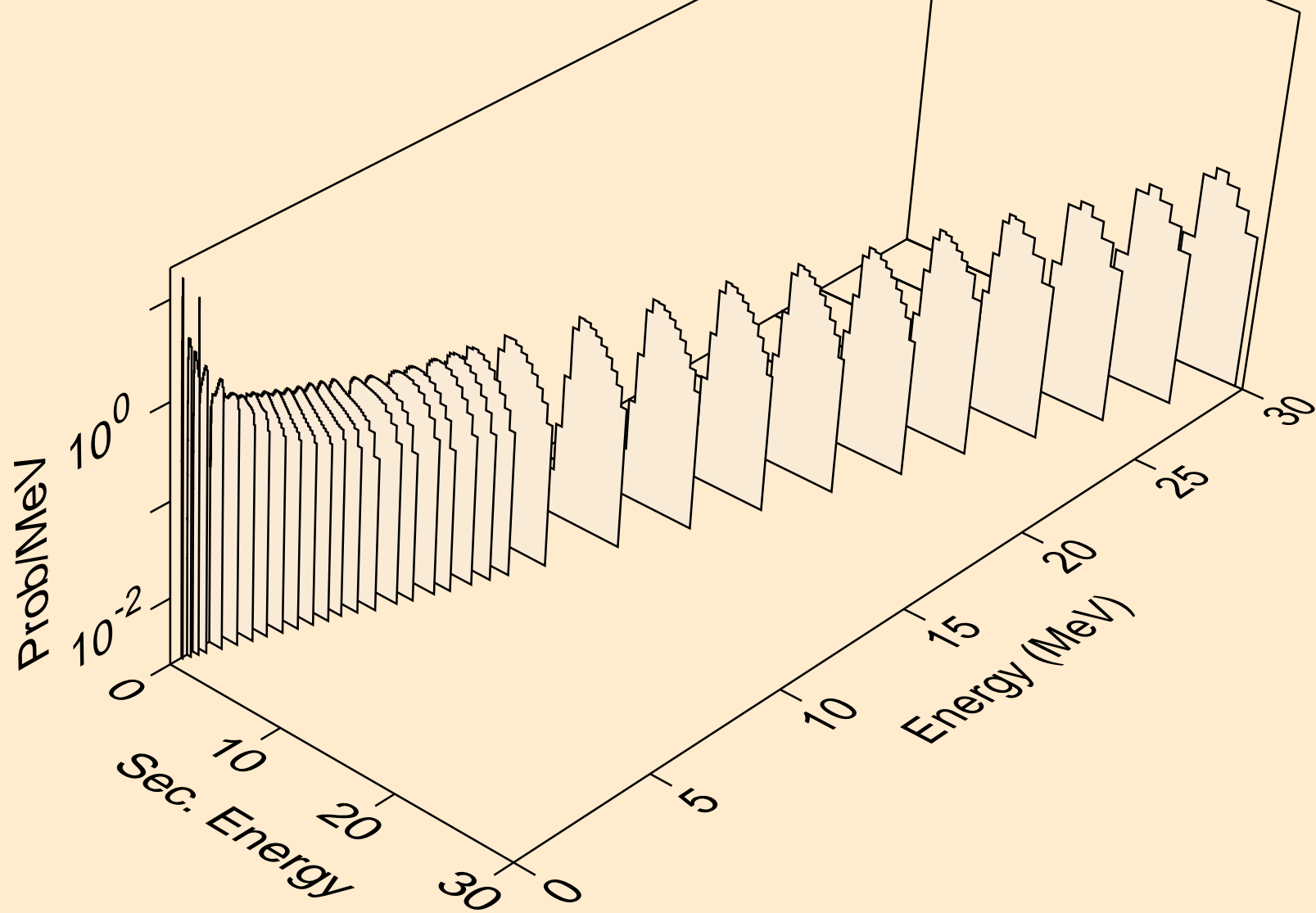
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

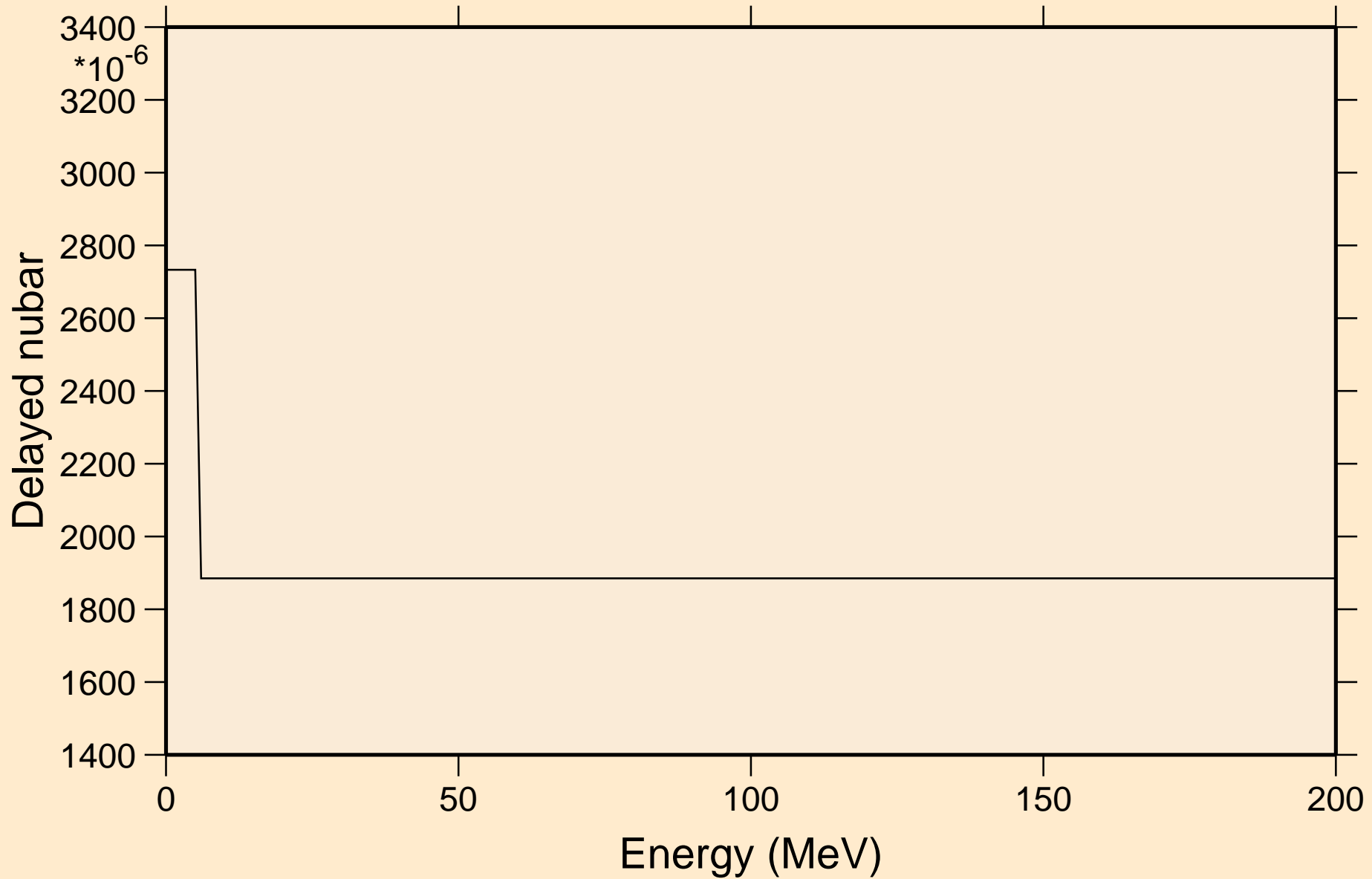


ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



# ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

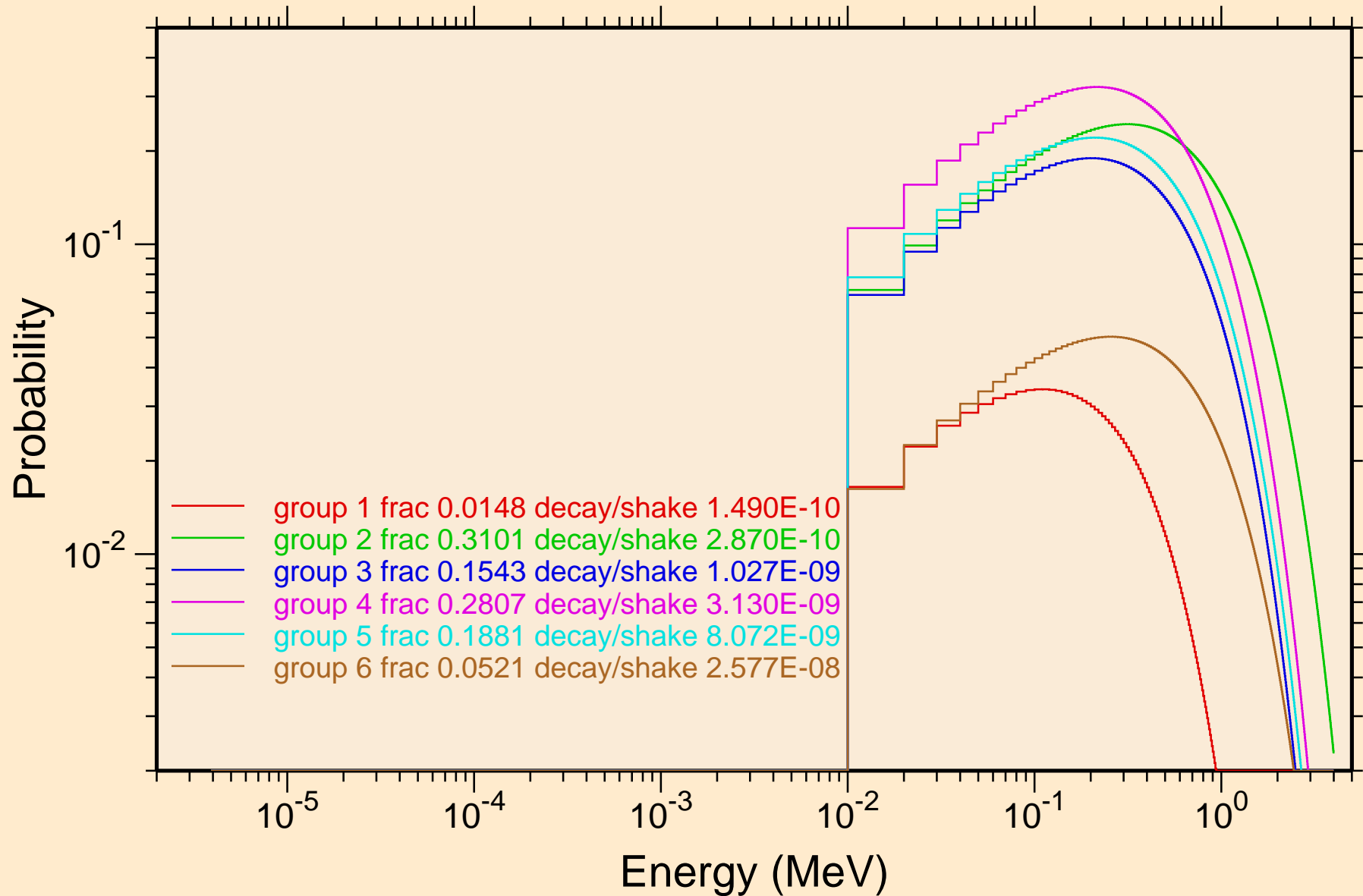
Delayed nubar



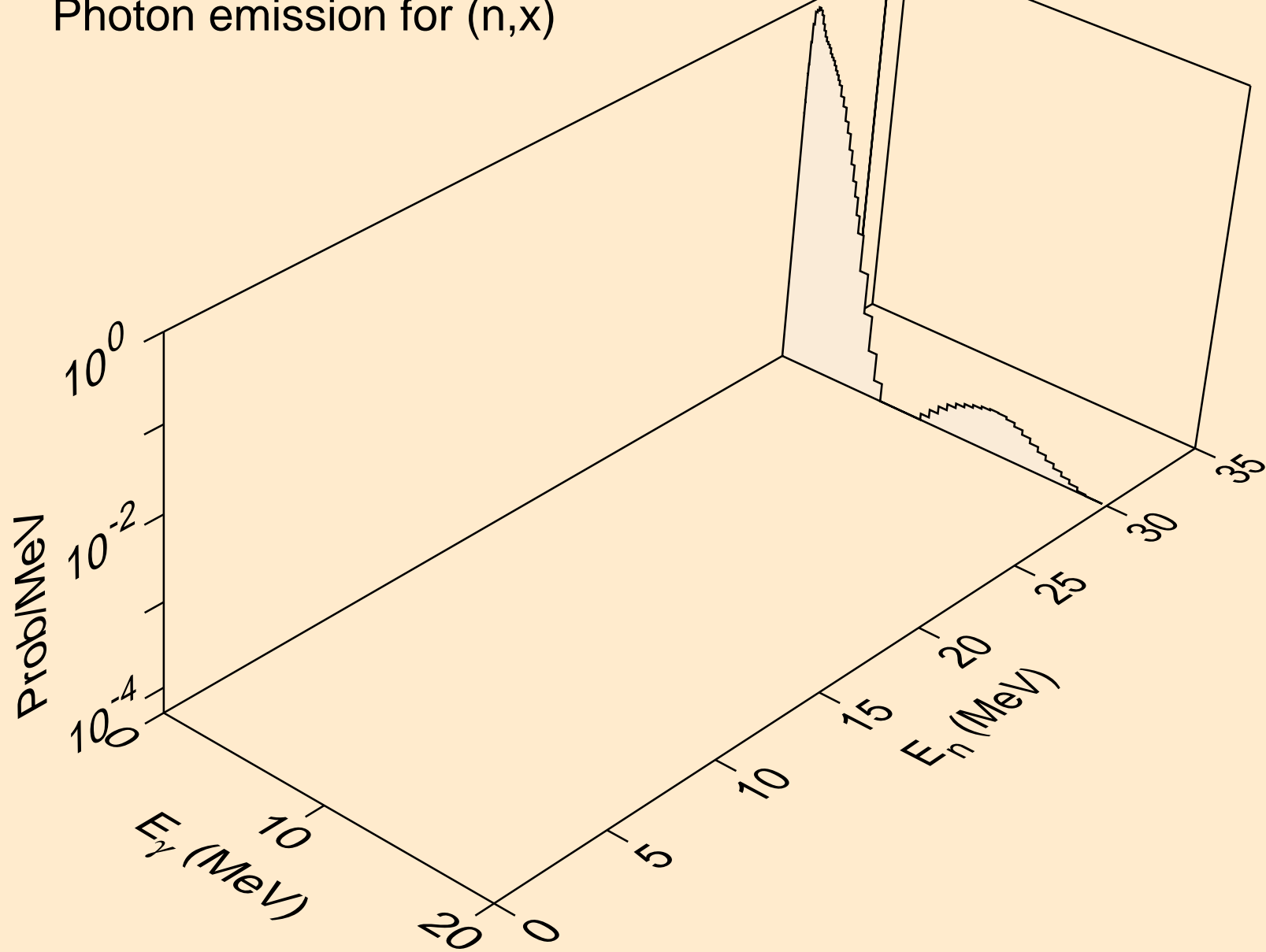


# ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

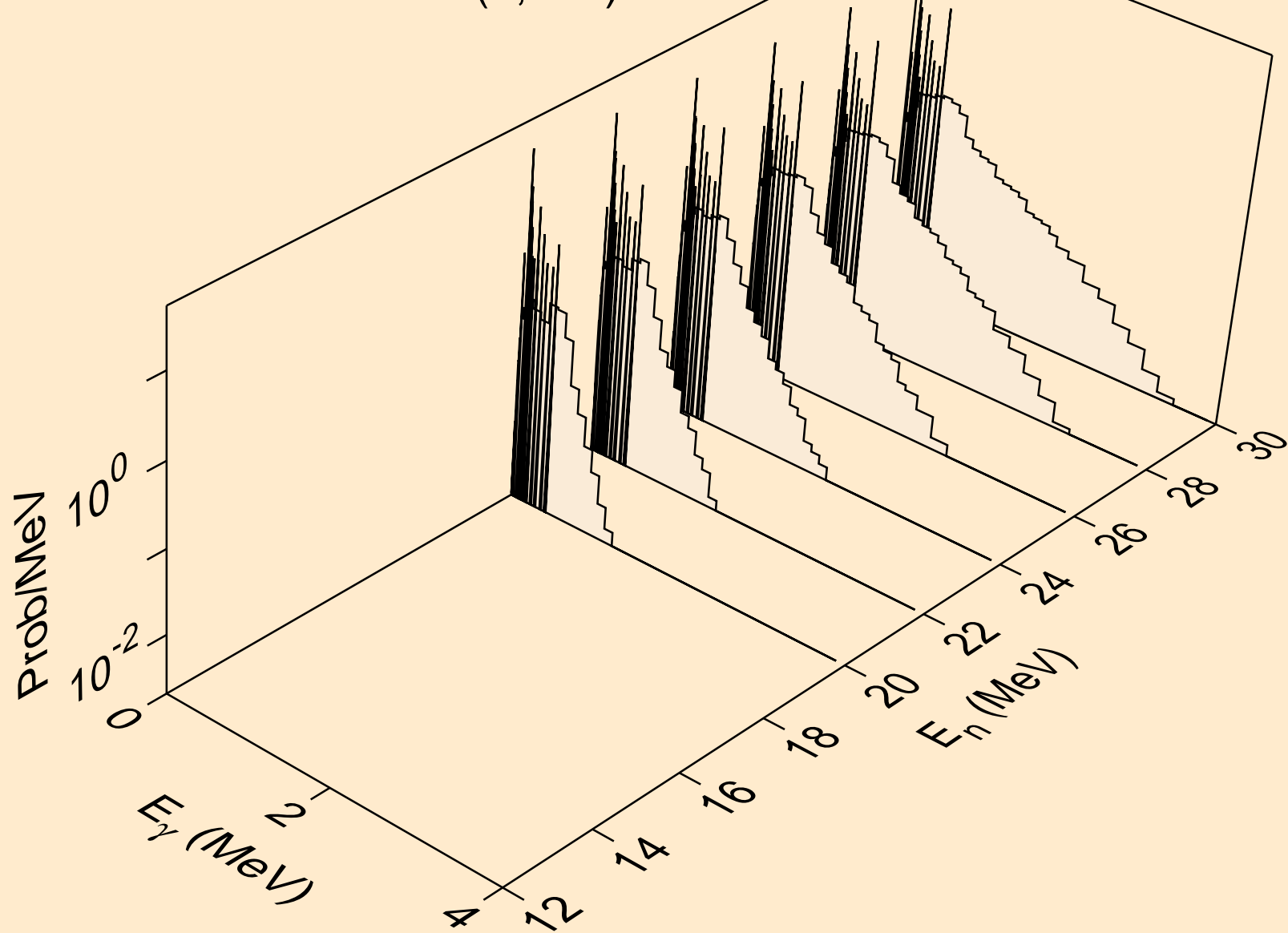
## Delayed neutron spectra



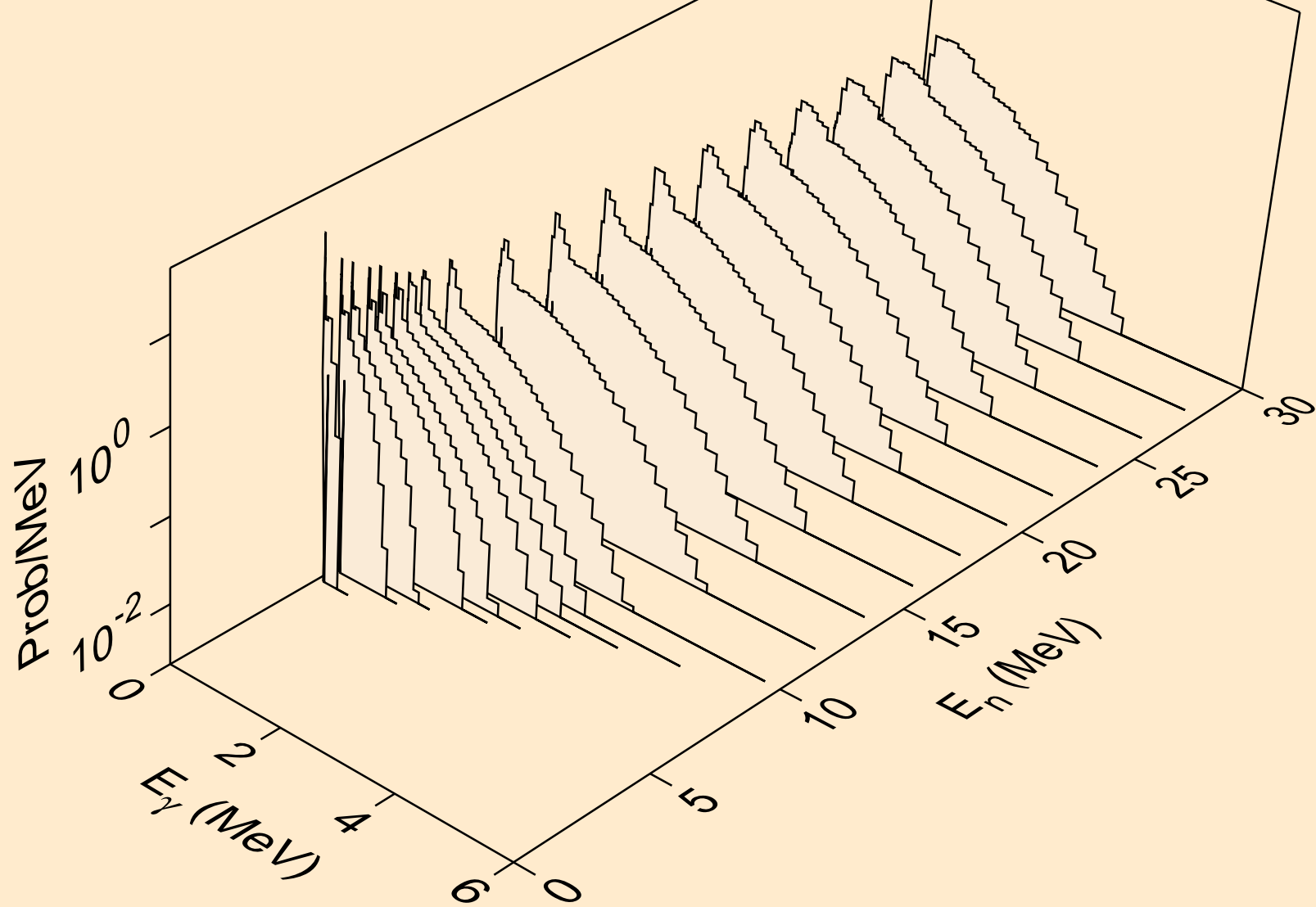
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



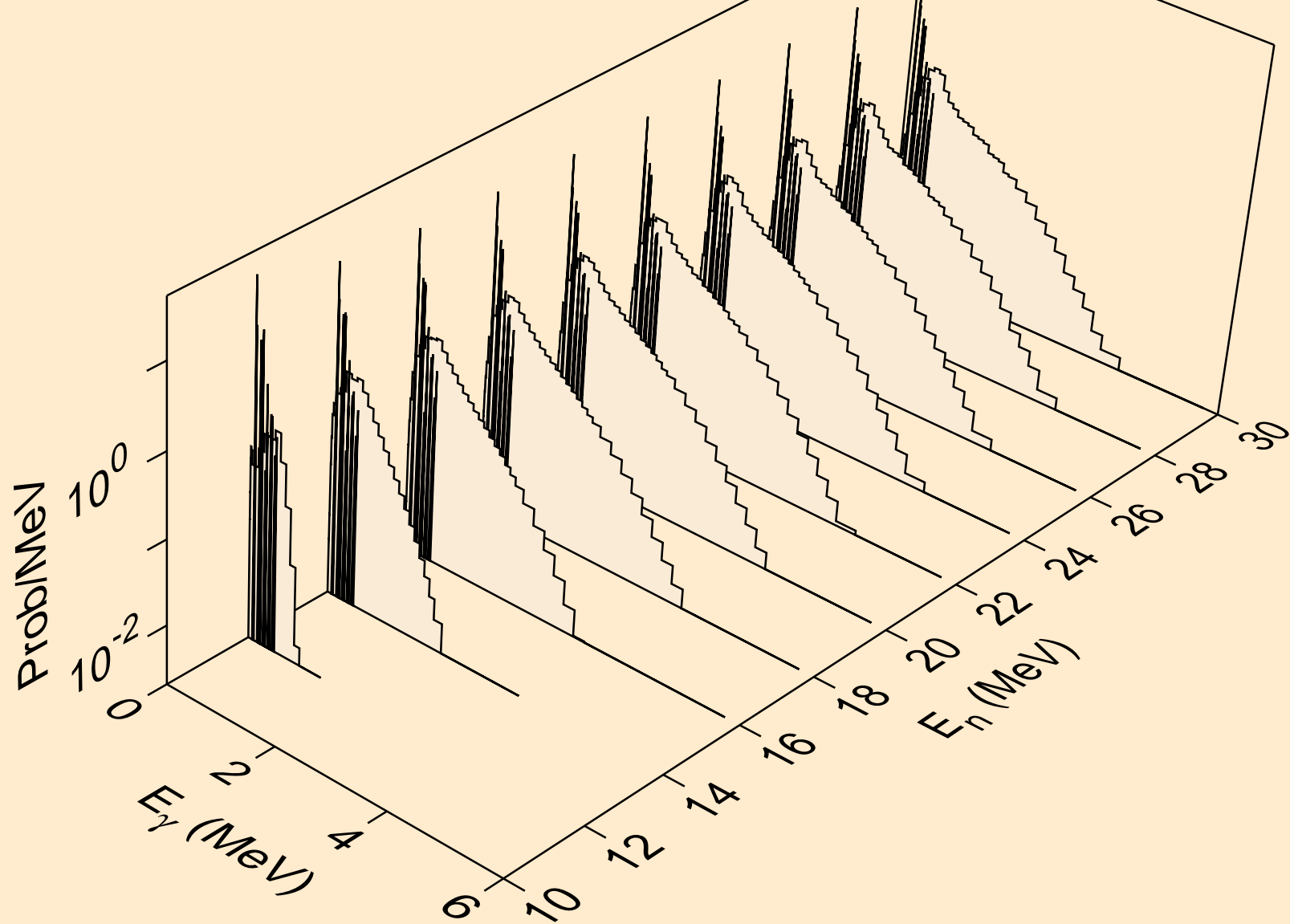
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



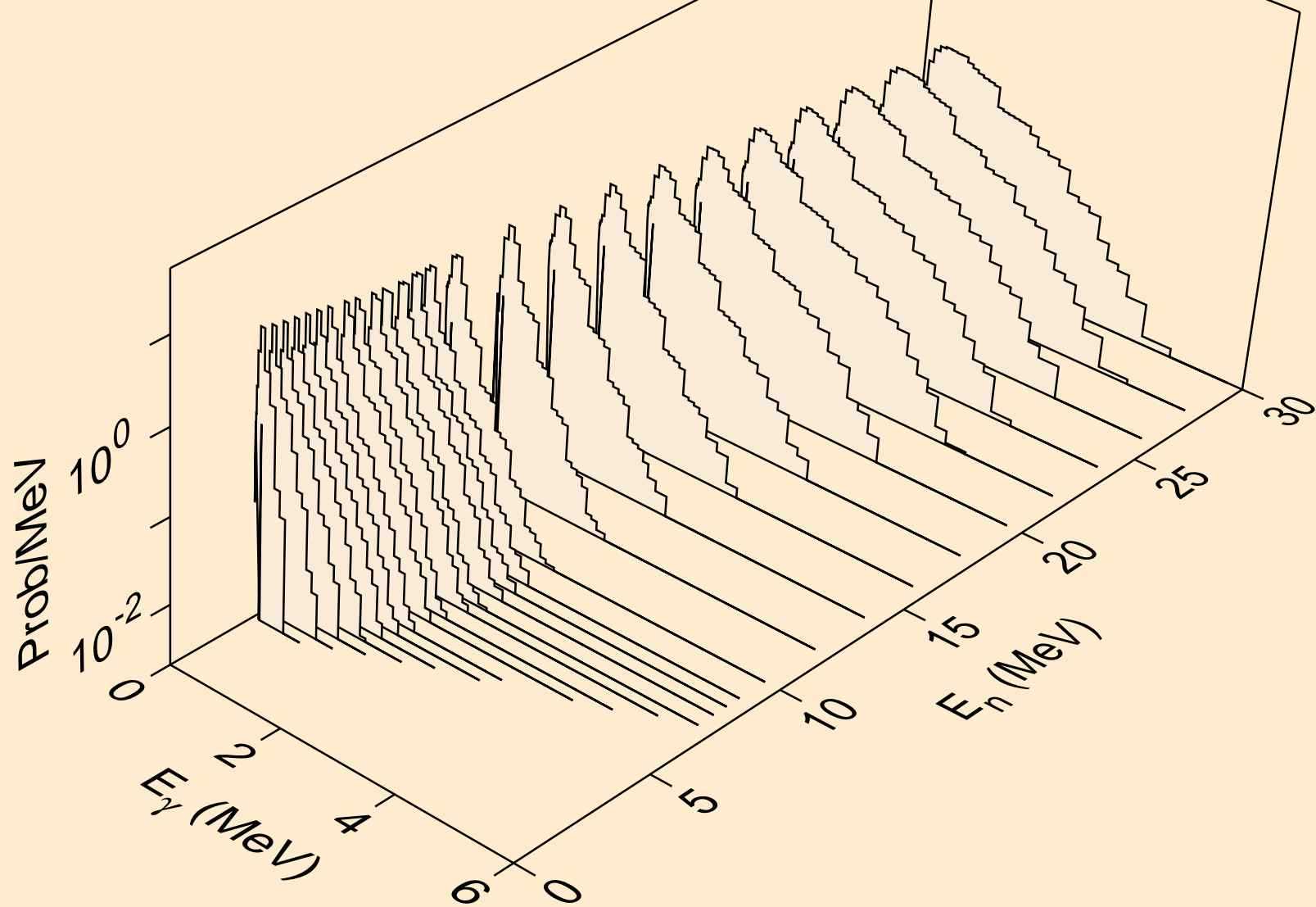
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



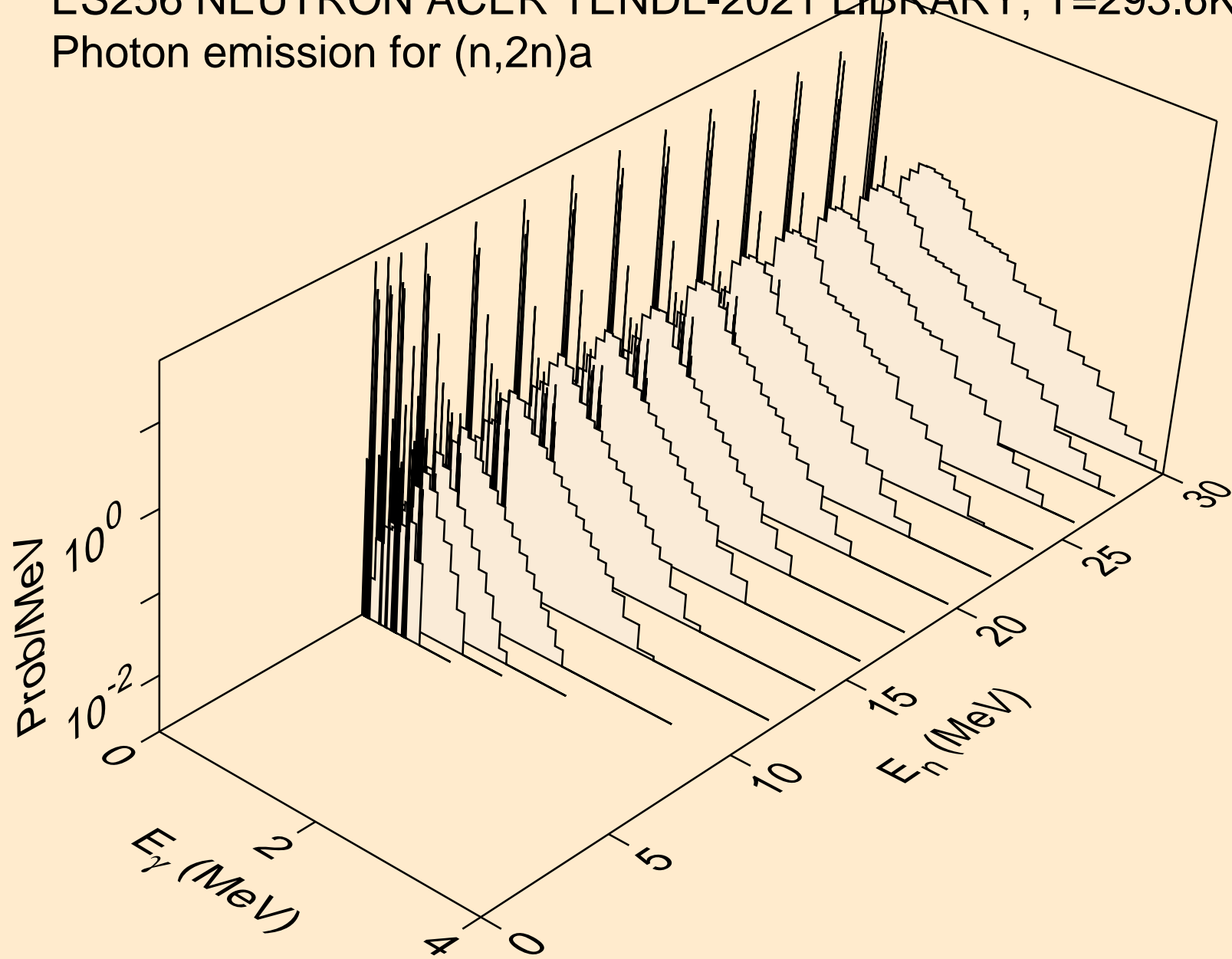
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



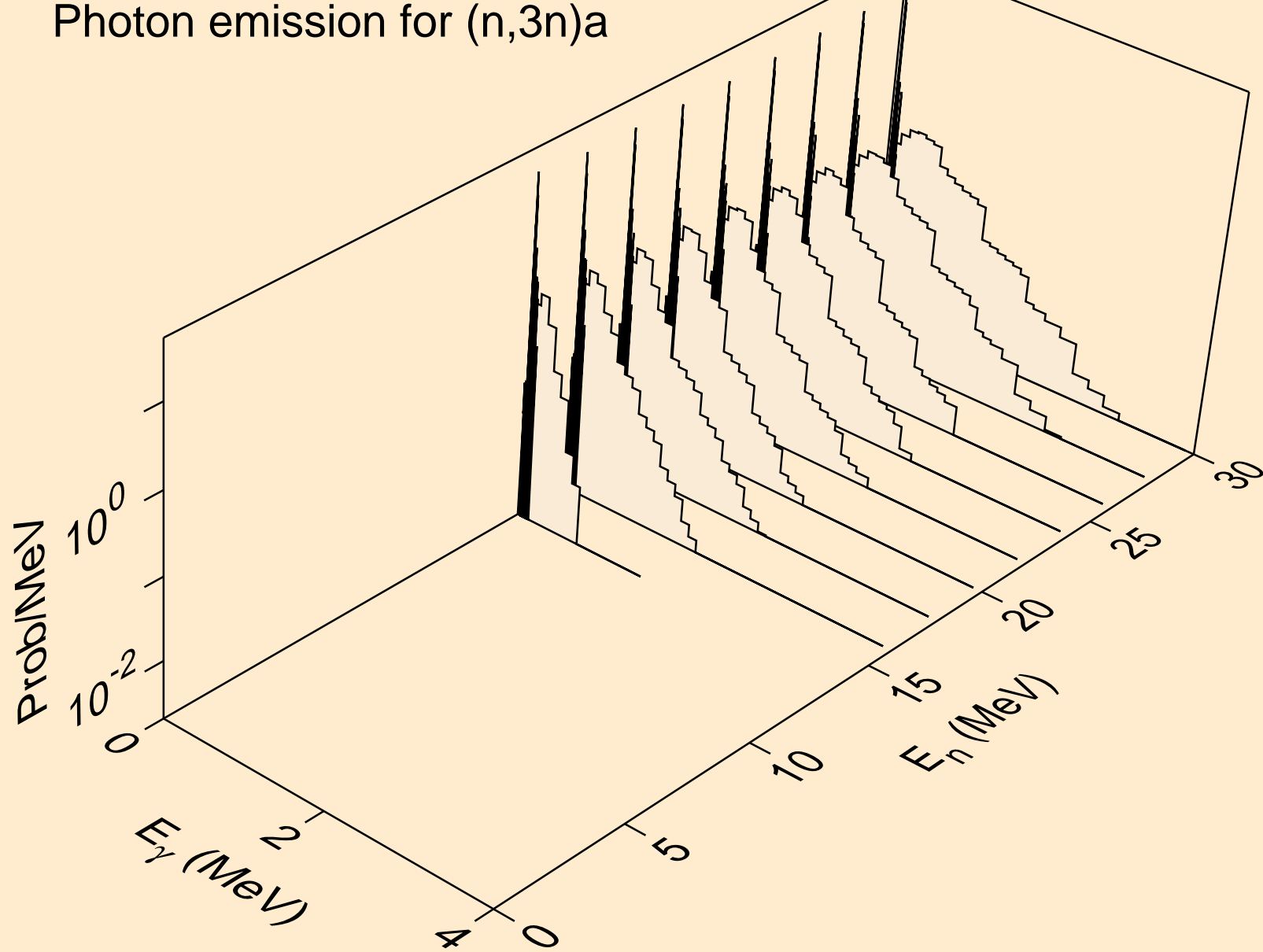
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

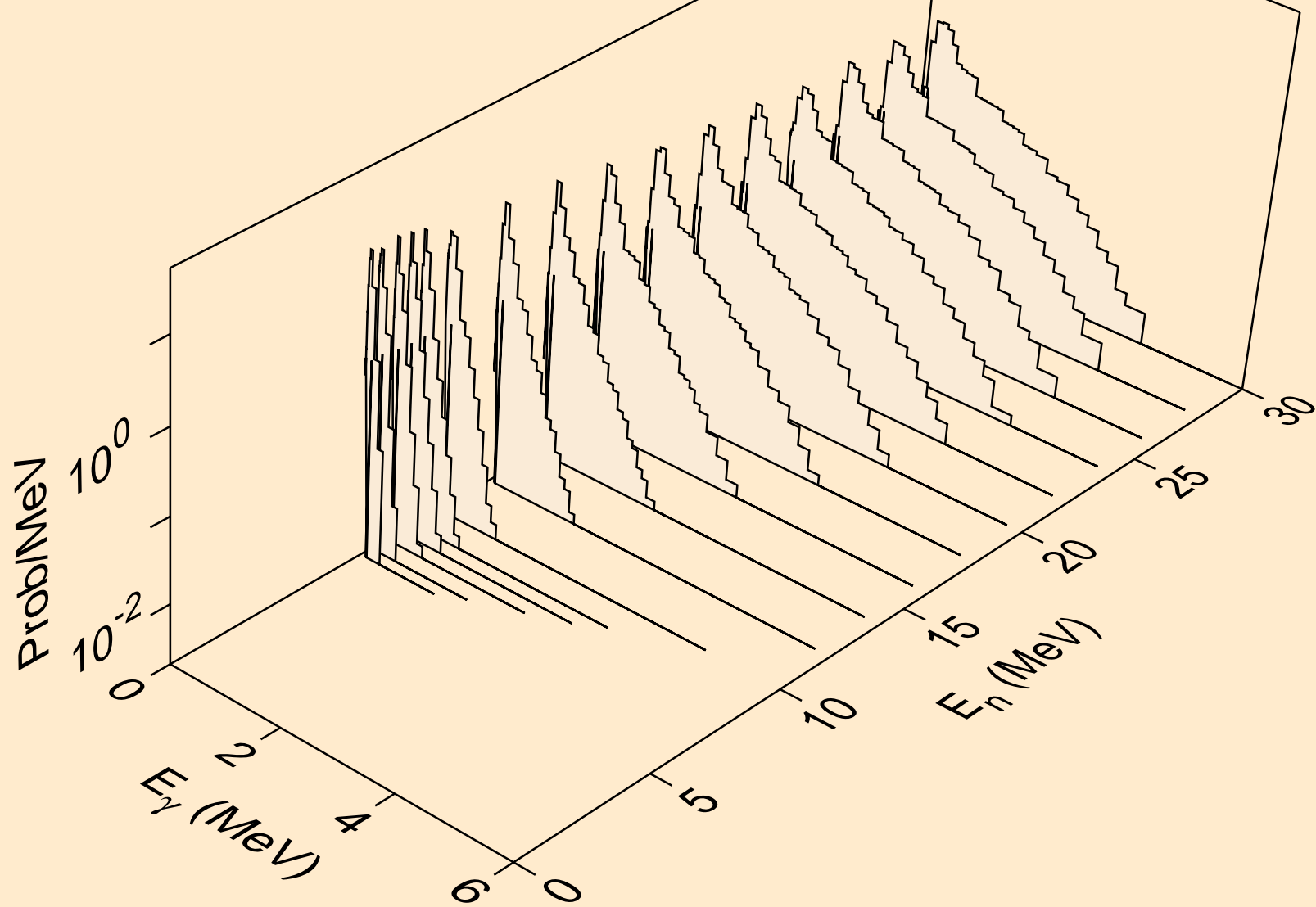


ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

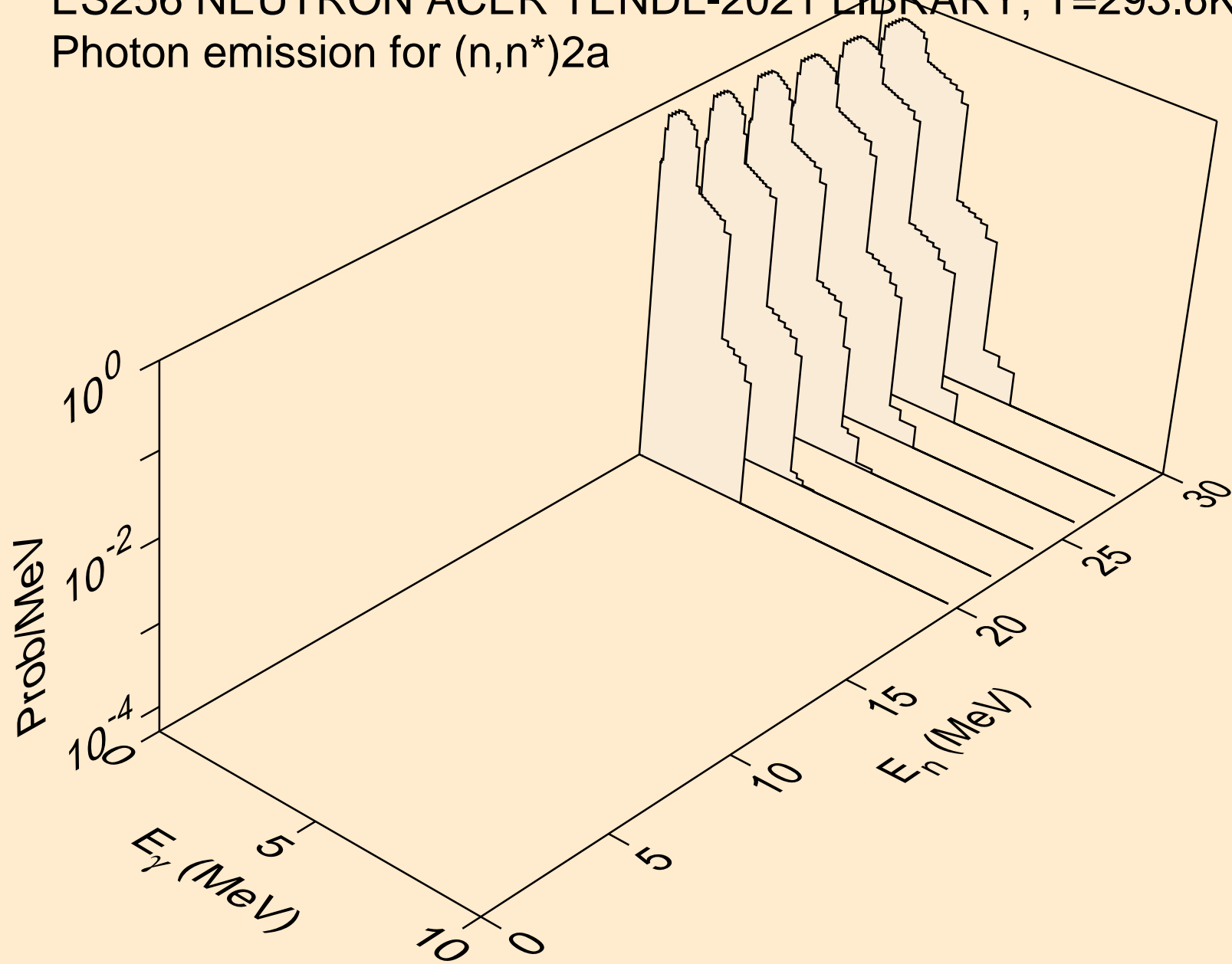




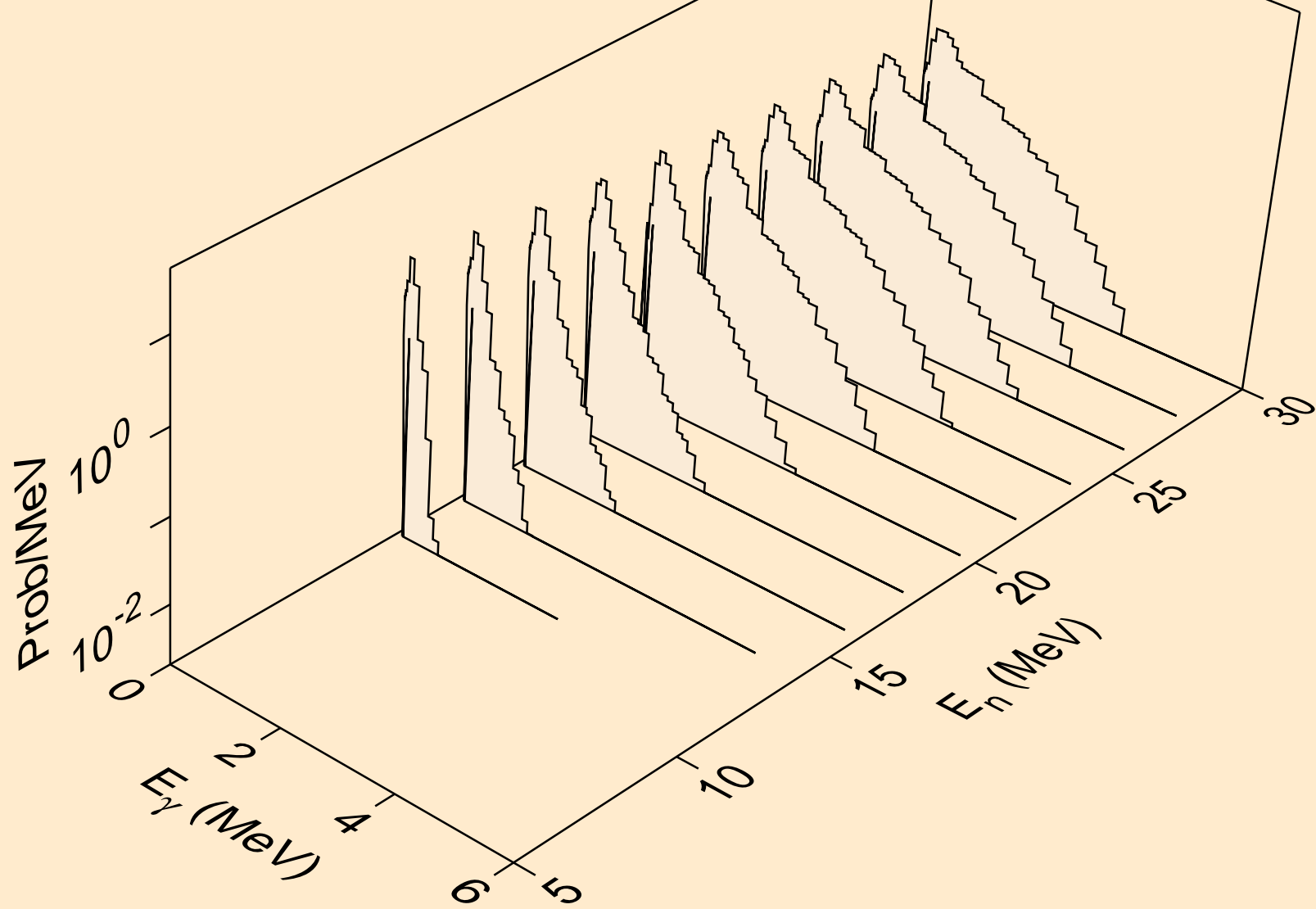
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



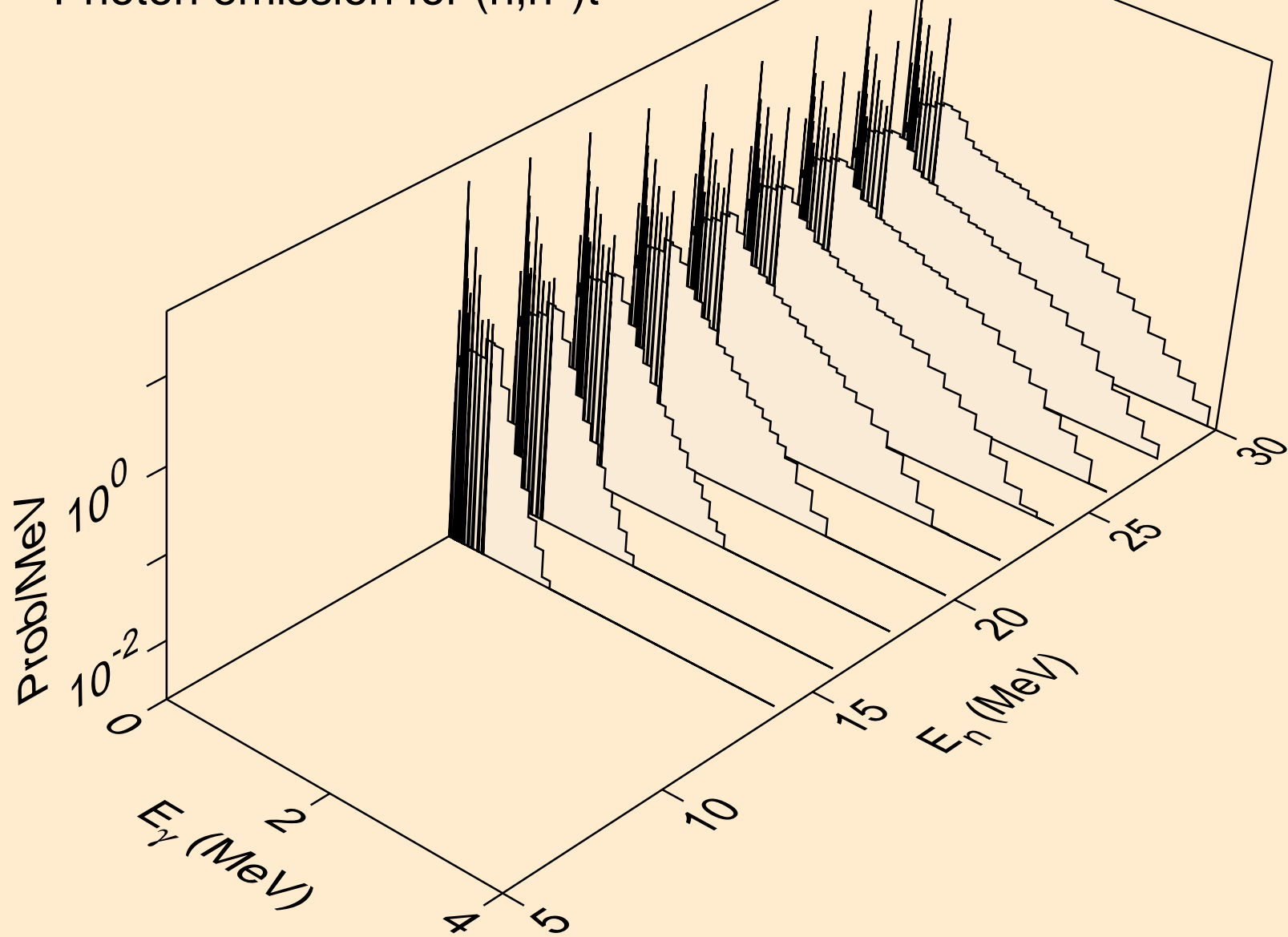
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



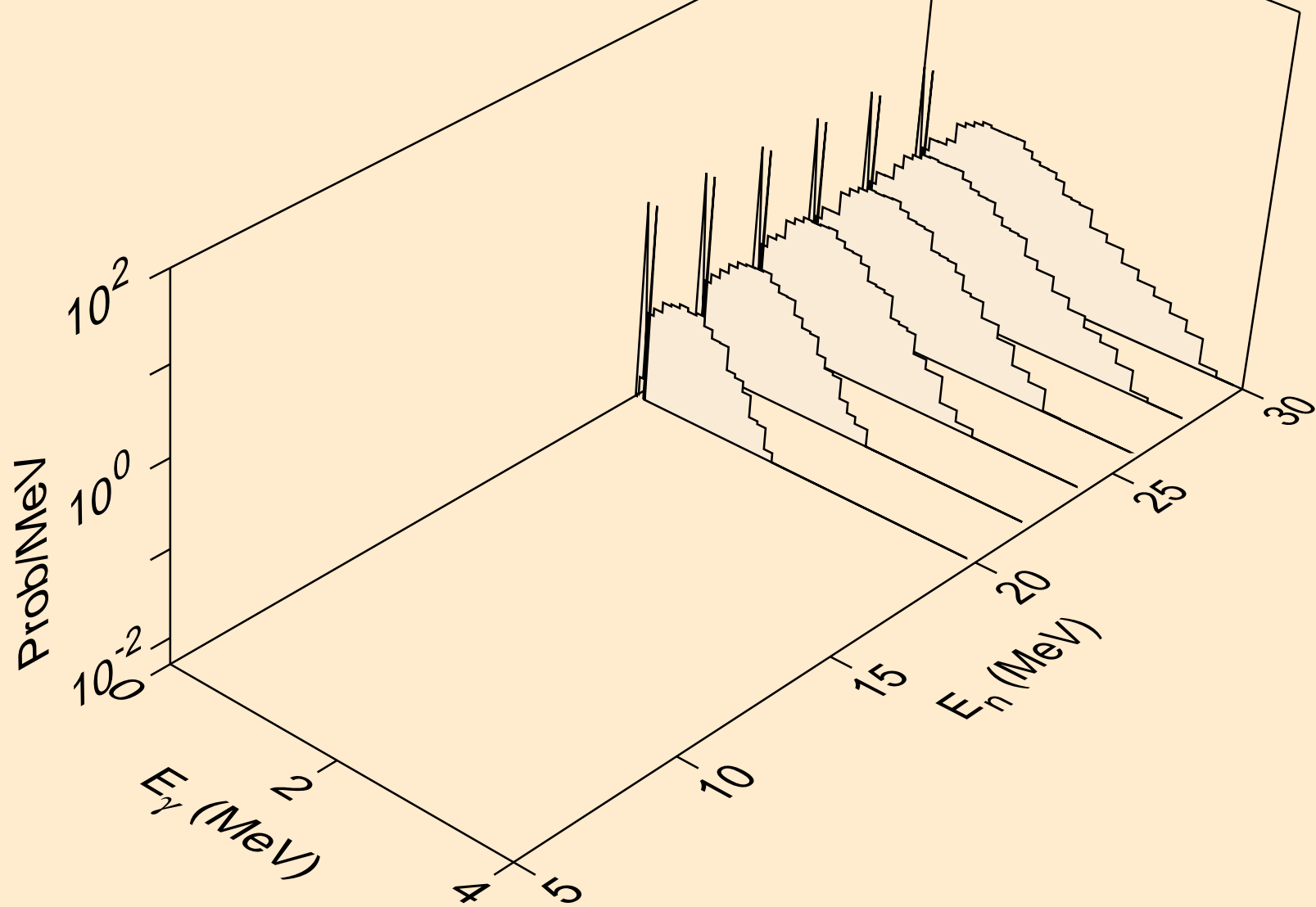
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



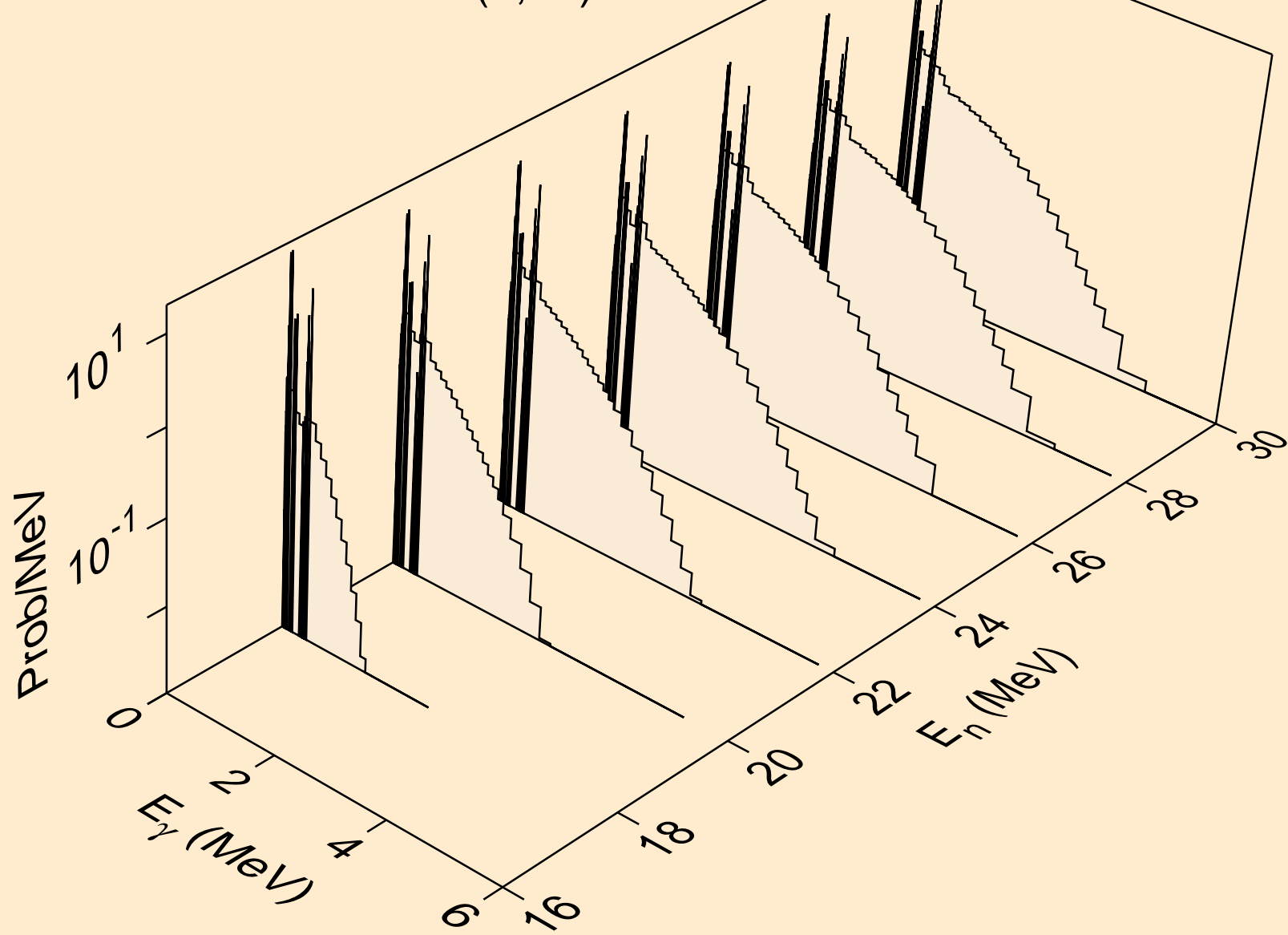
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



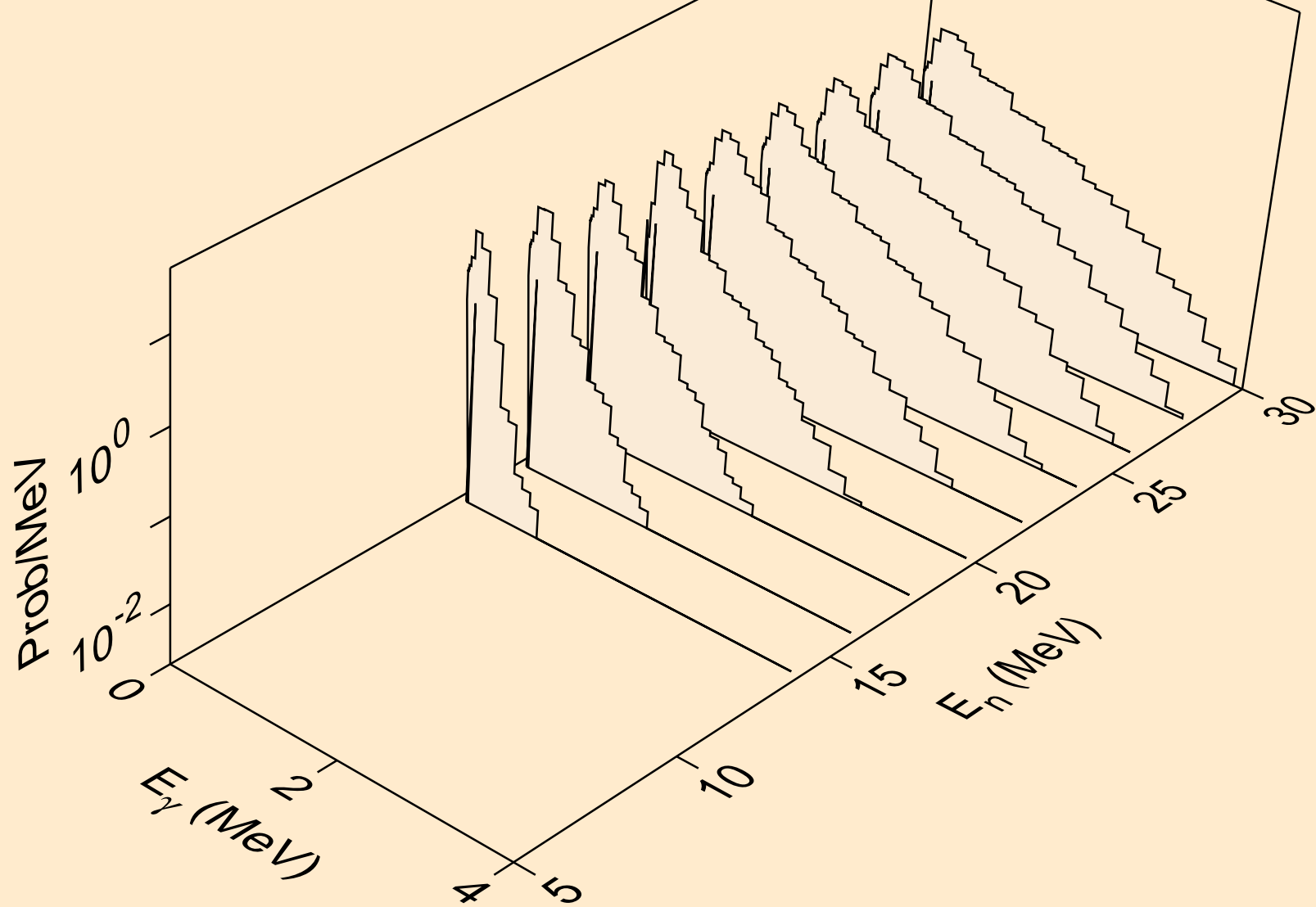
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



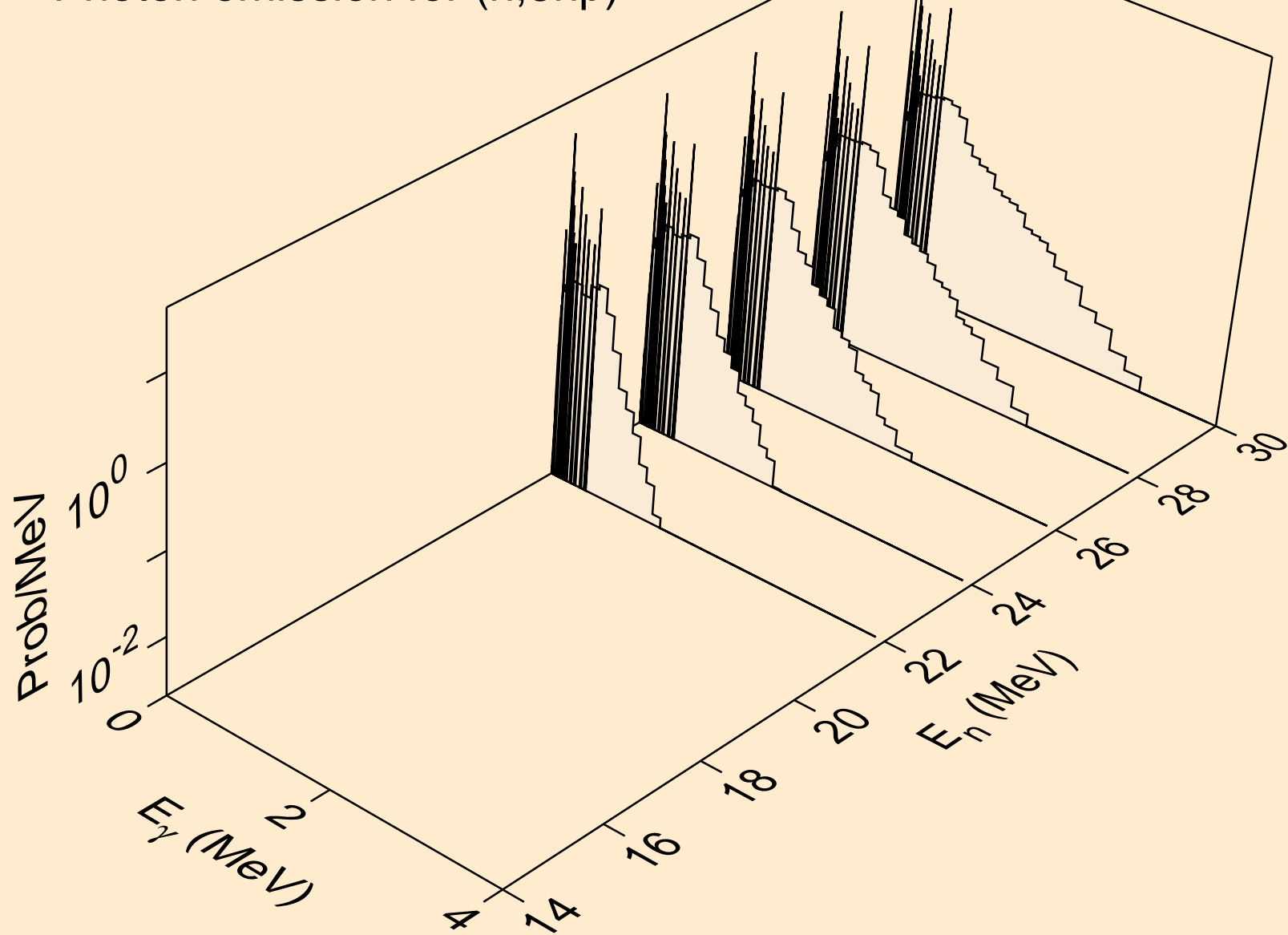
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

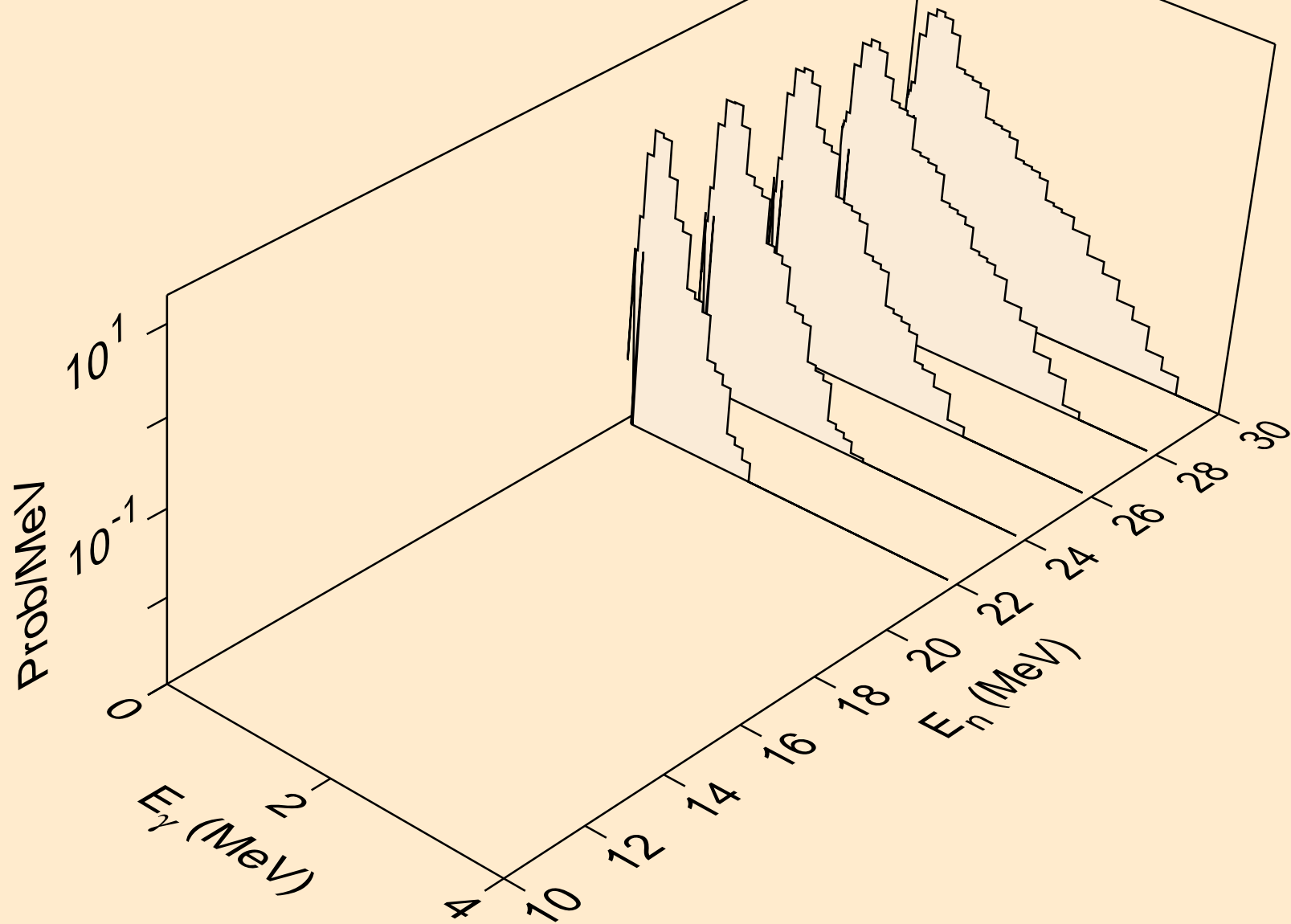


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Photon emission for (n,3np)

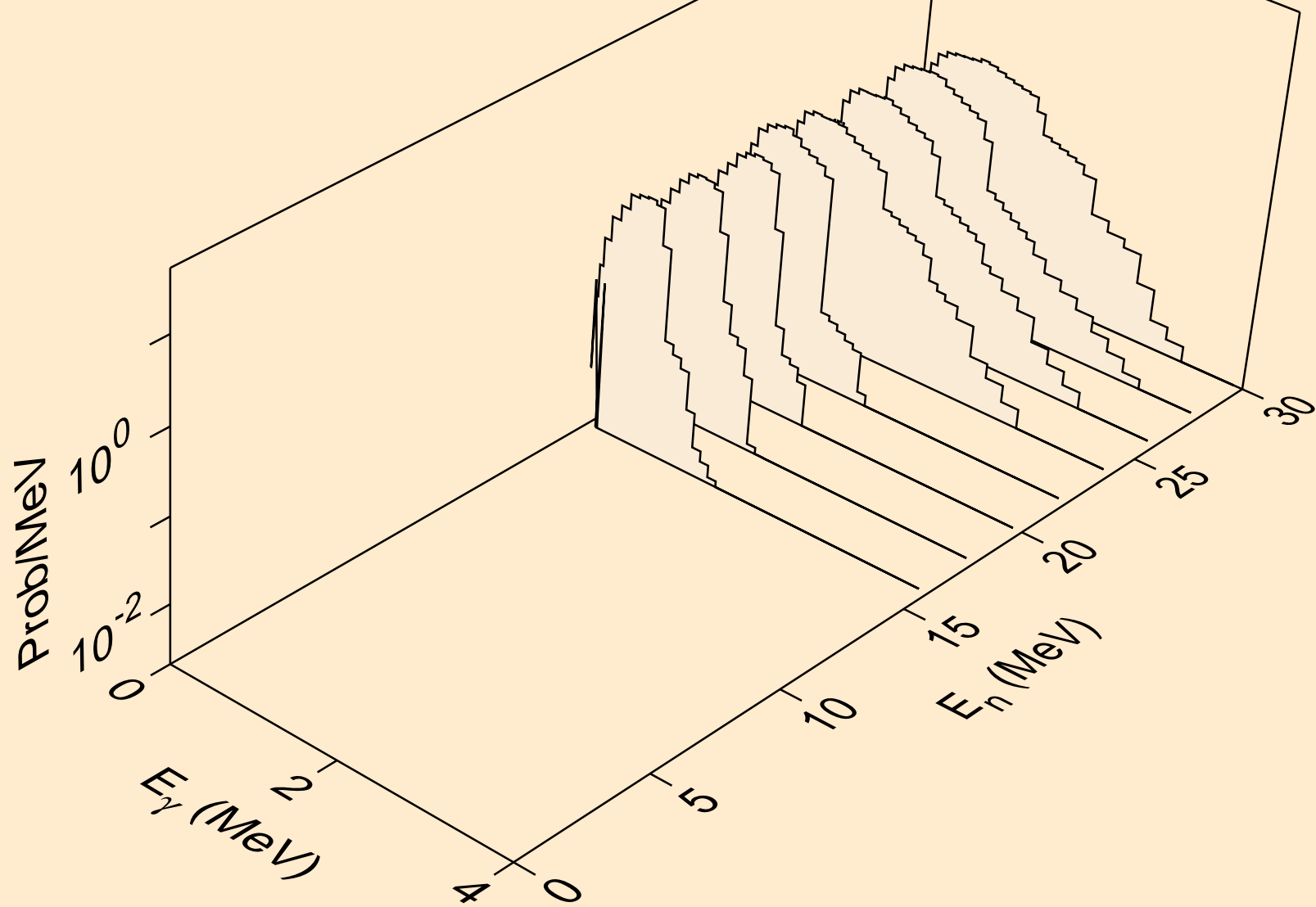




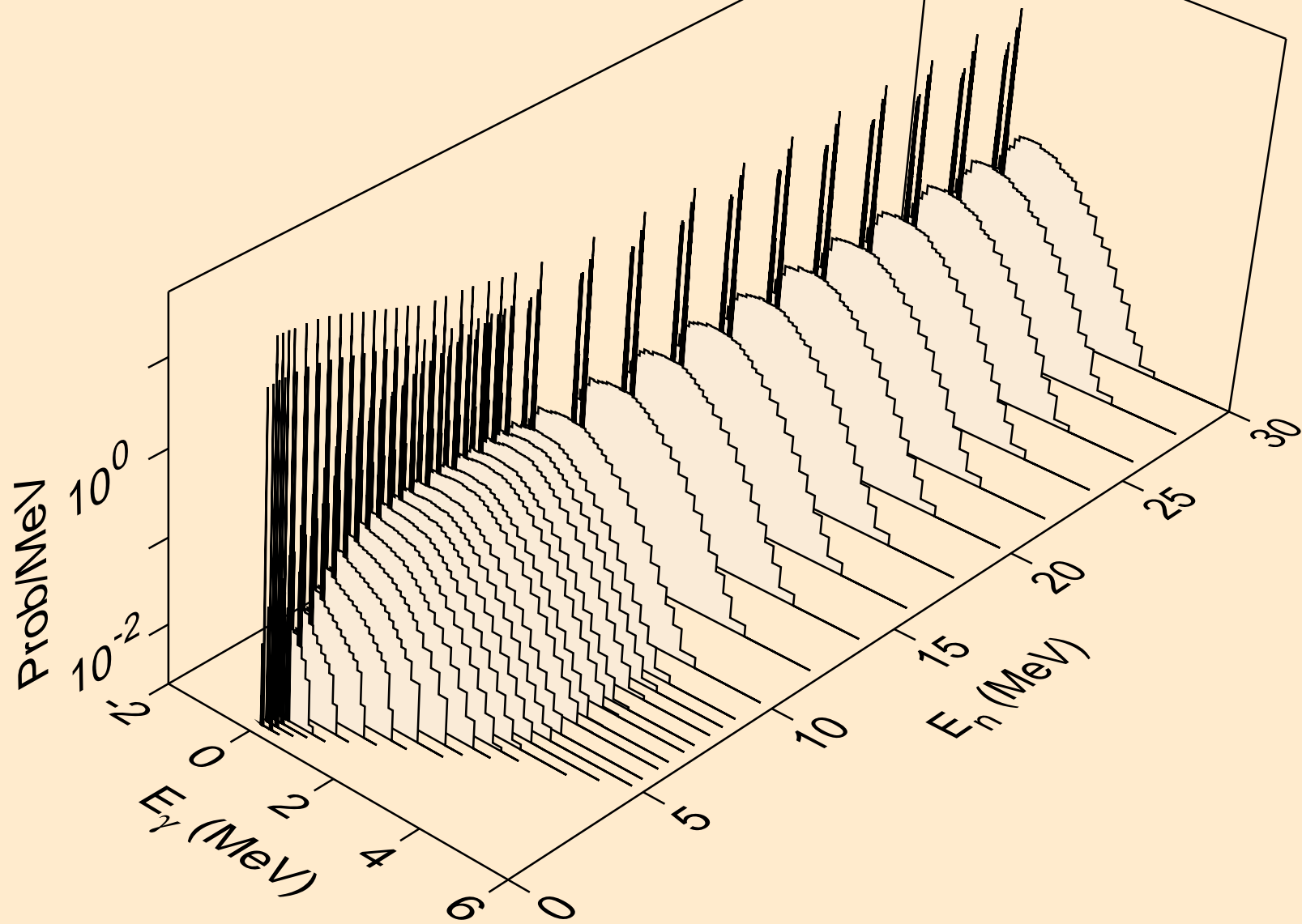
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Photon emission for (n,2np)



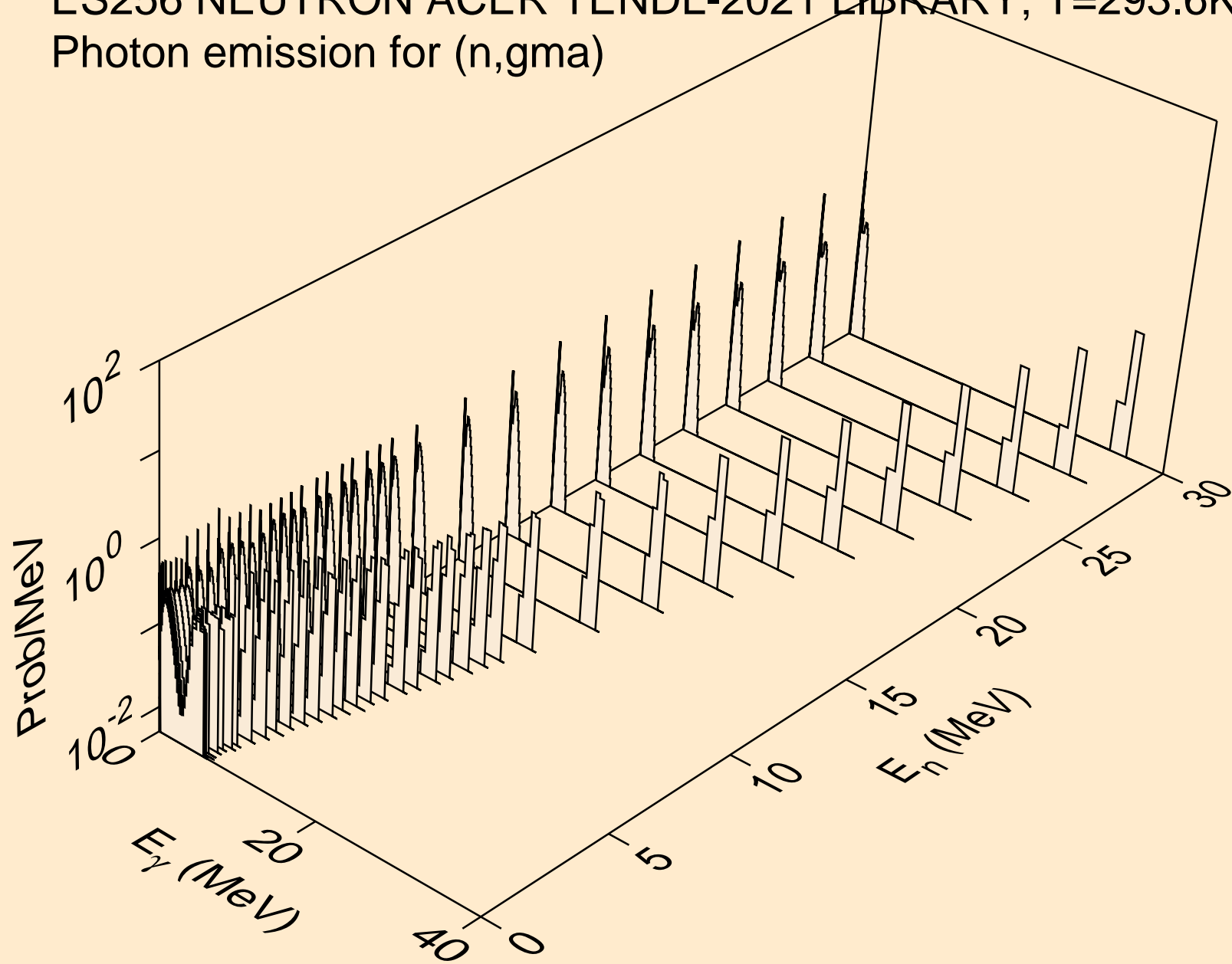
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Photon emission for (n,npa)



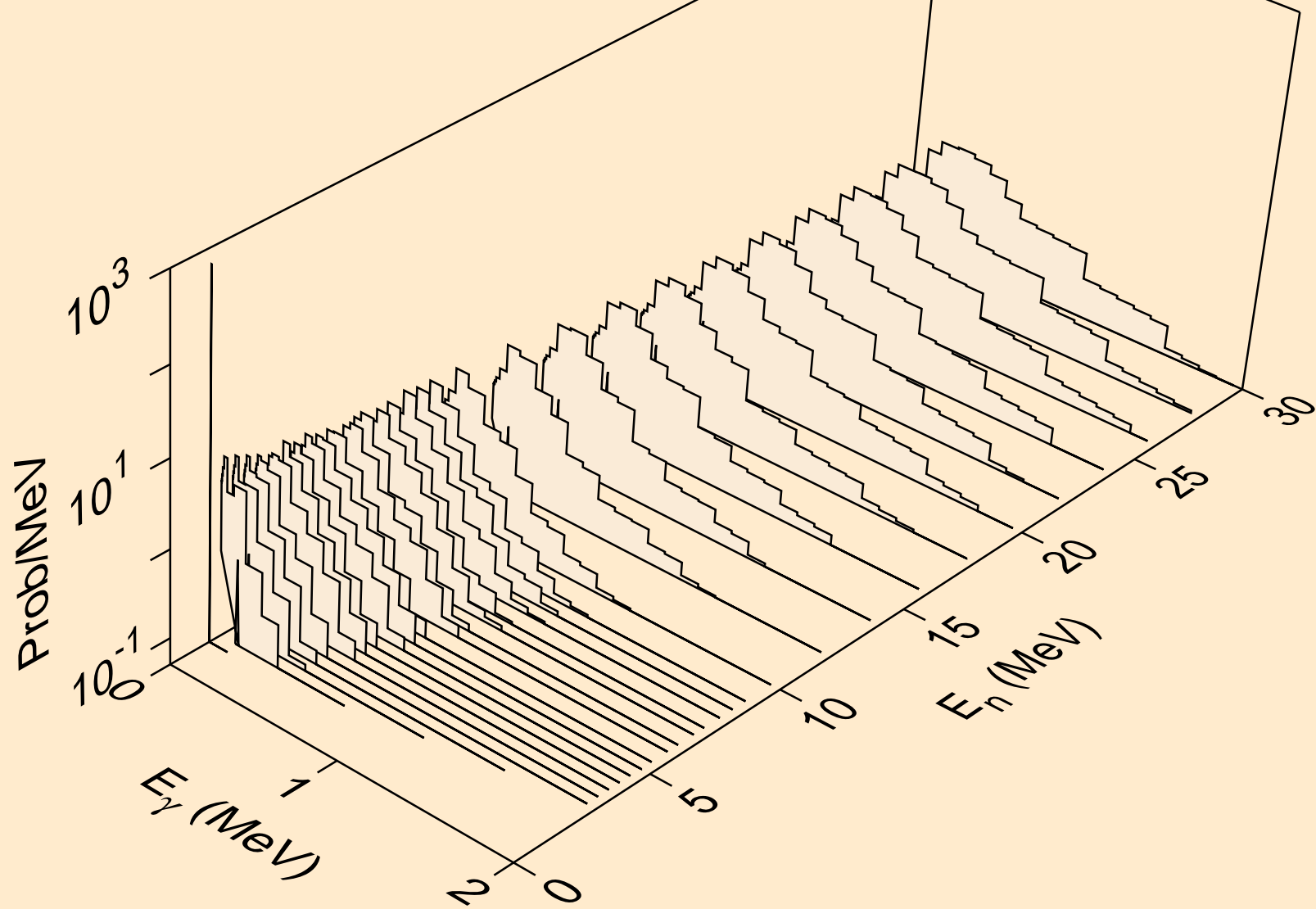
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Photon emission for (n,n\*c)



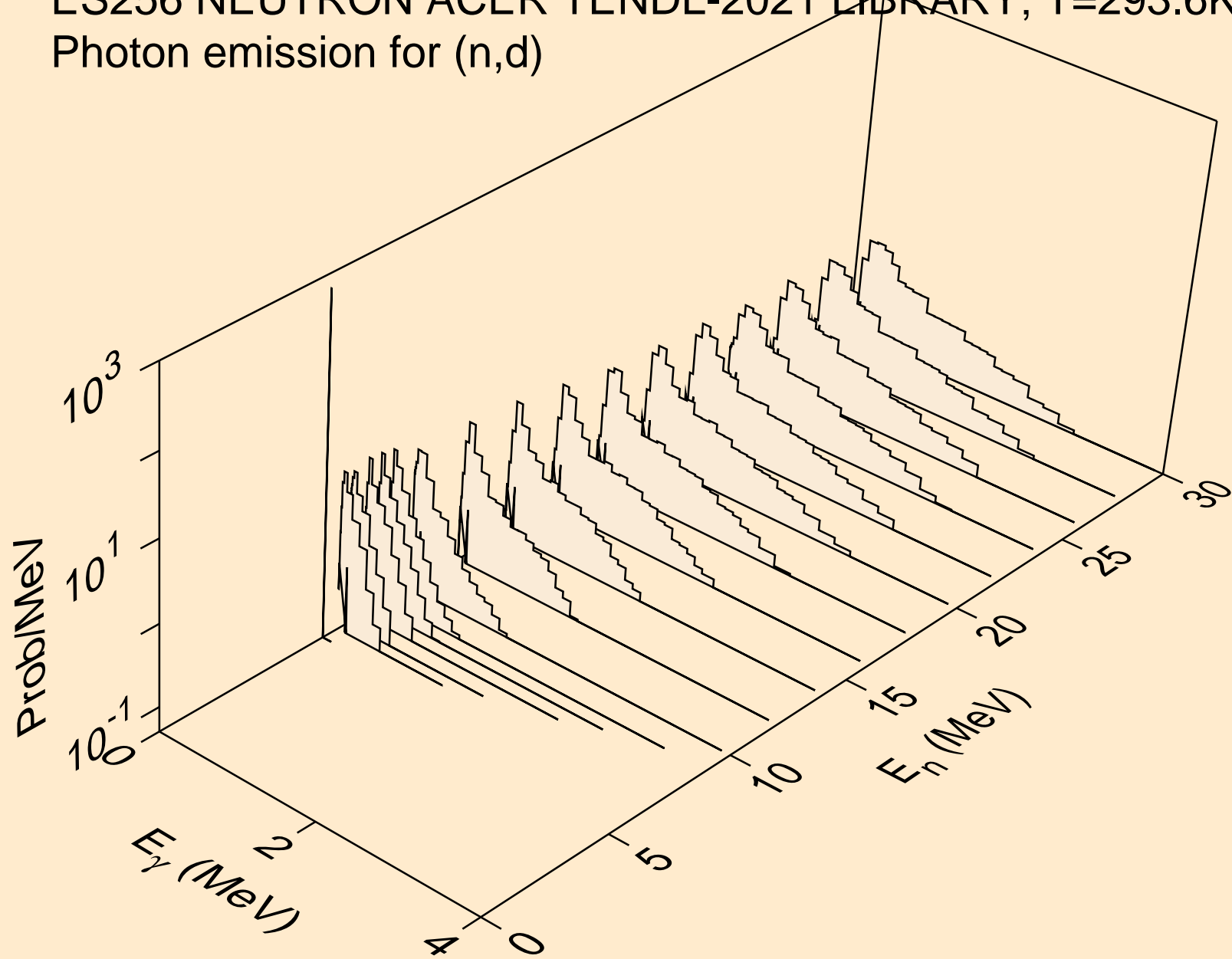
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Photon emission for (n,gma)



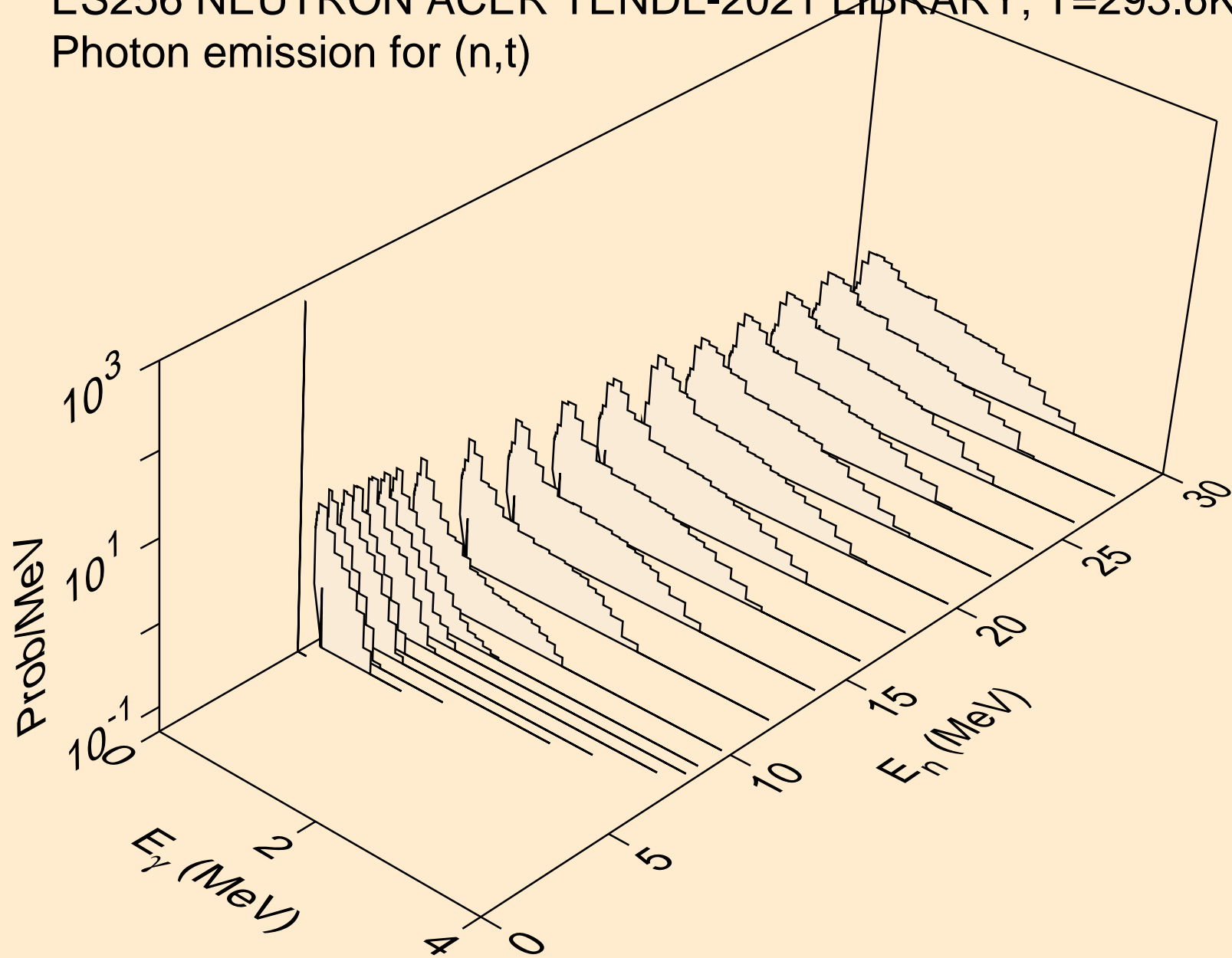
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Photon emission for (n,p)



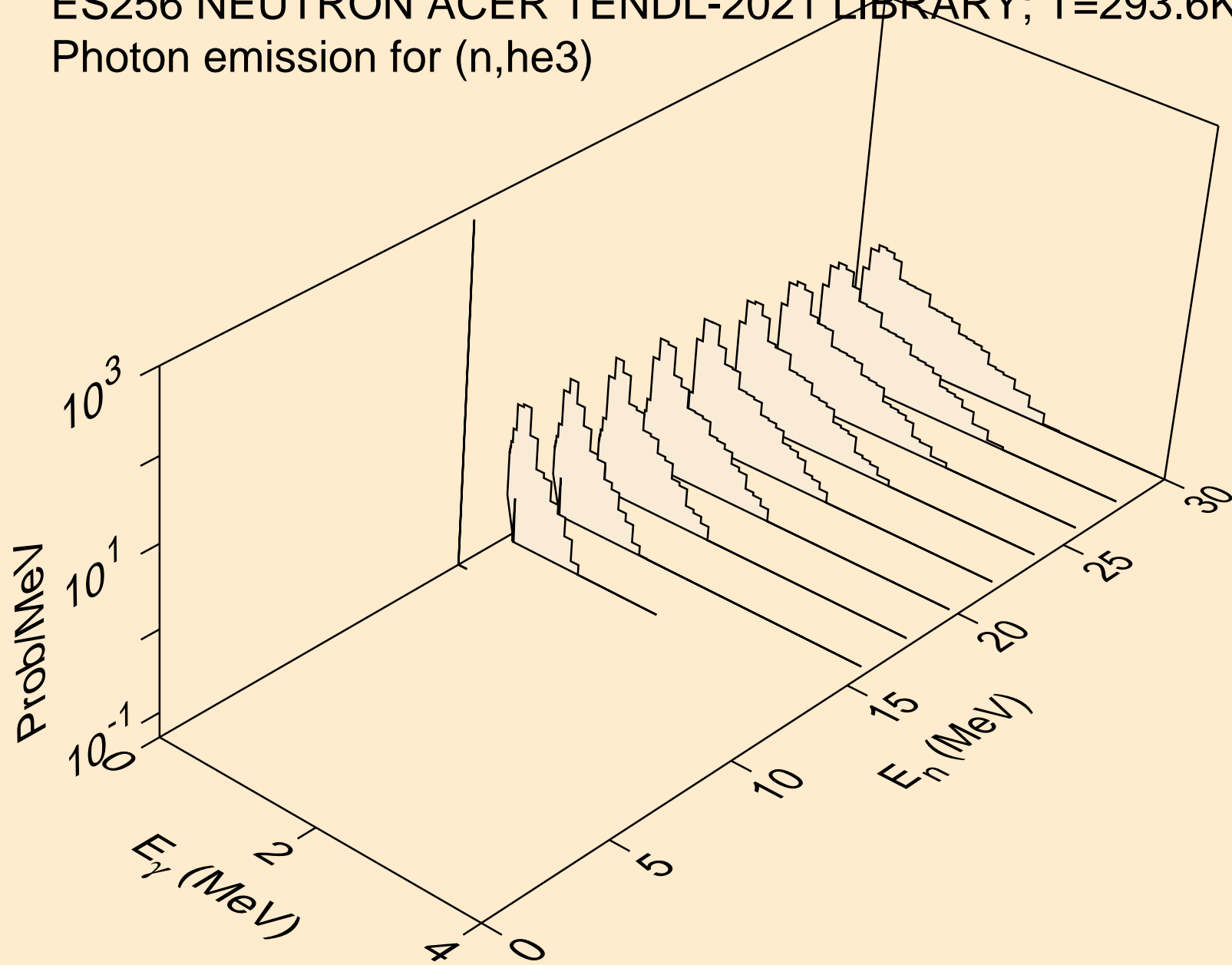
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

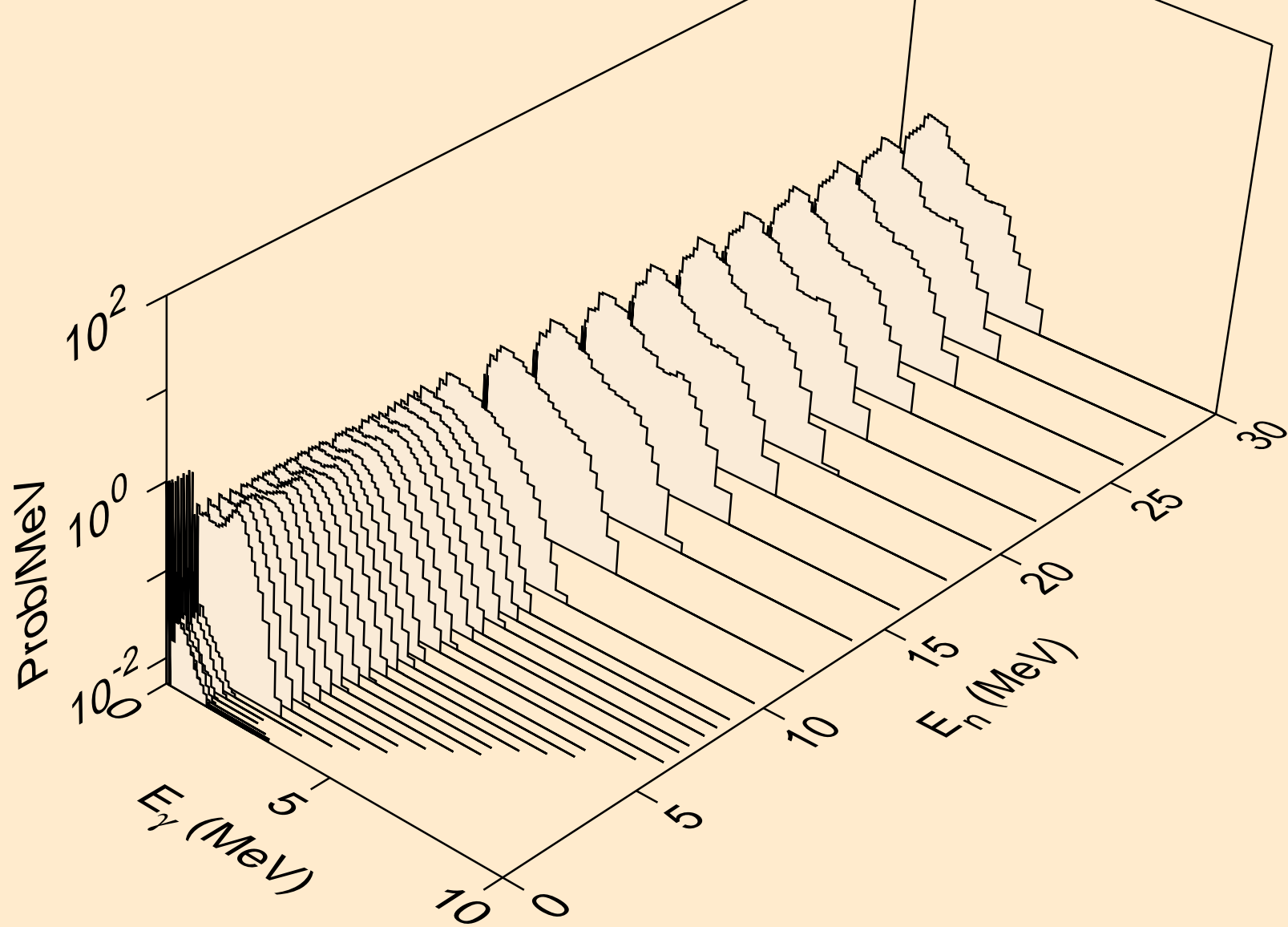


ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

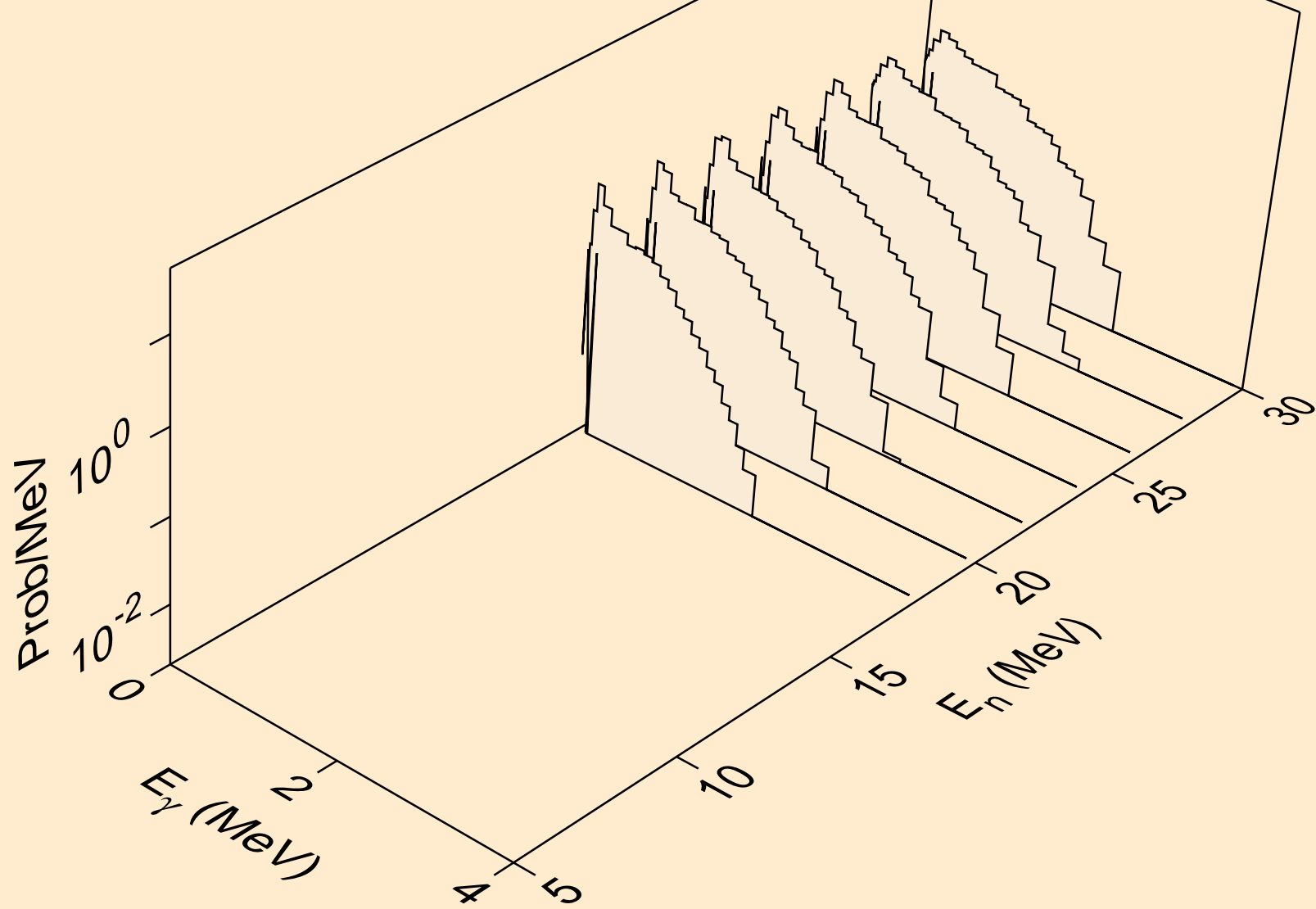




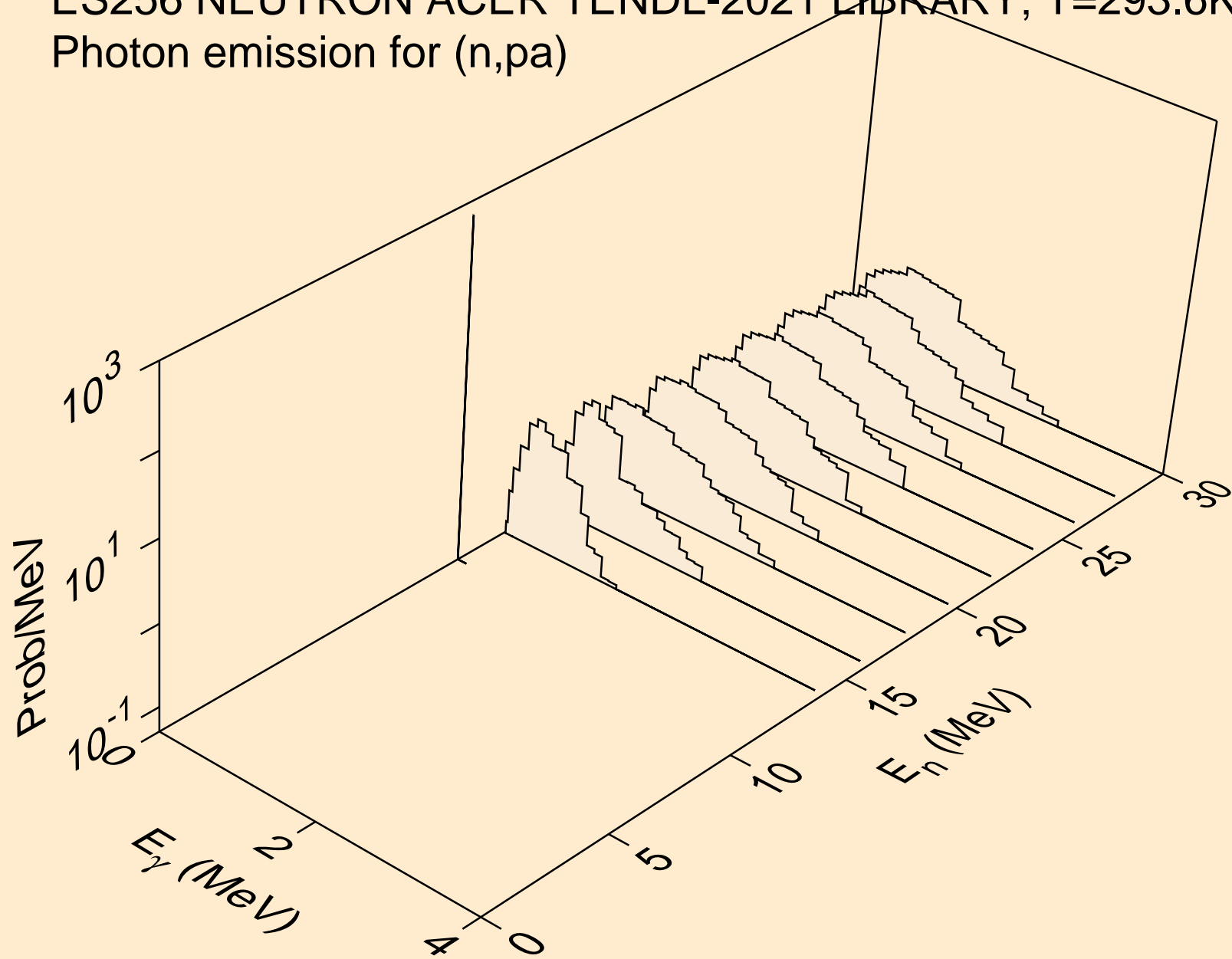
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Photon emission for (n,a)



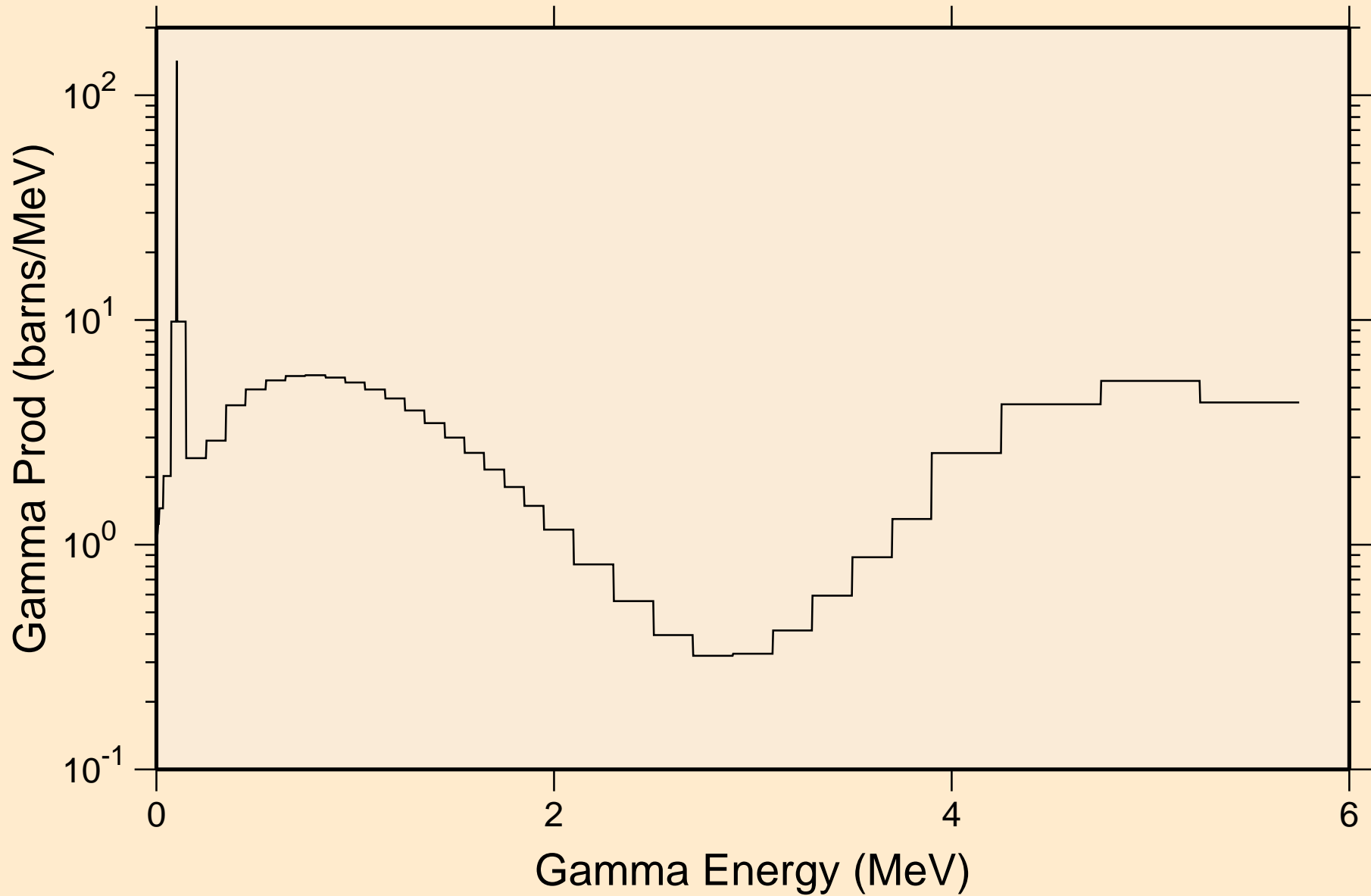
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Photon emission for (n,2p)



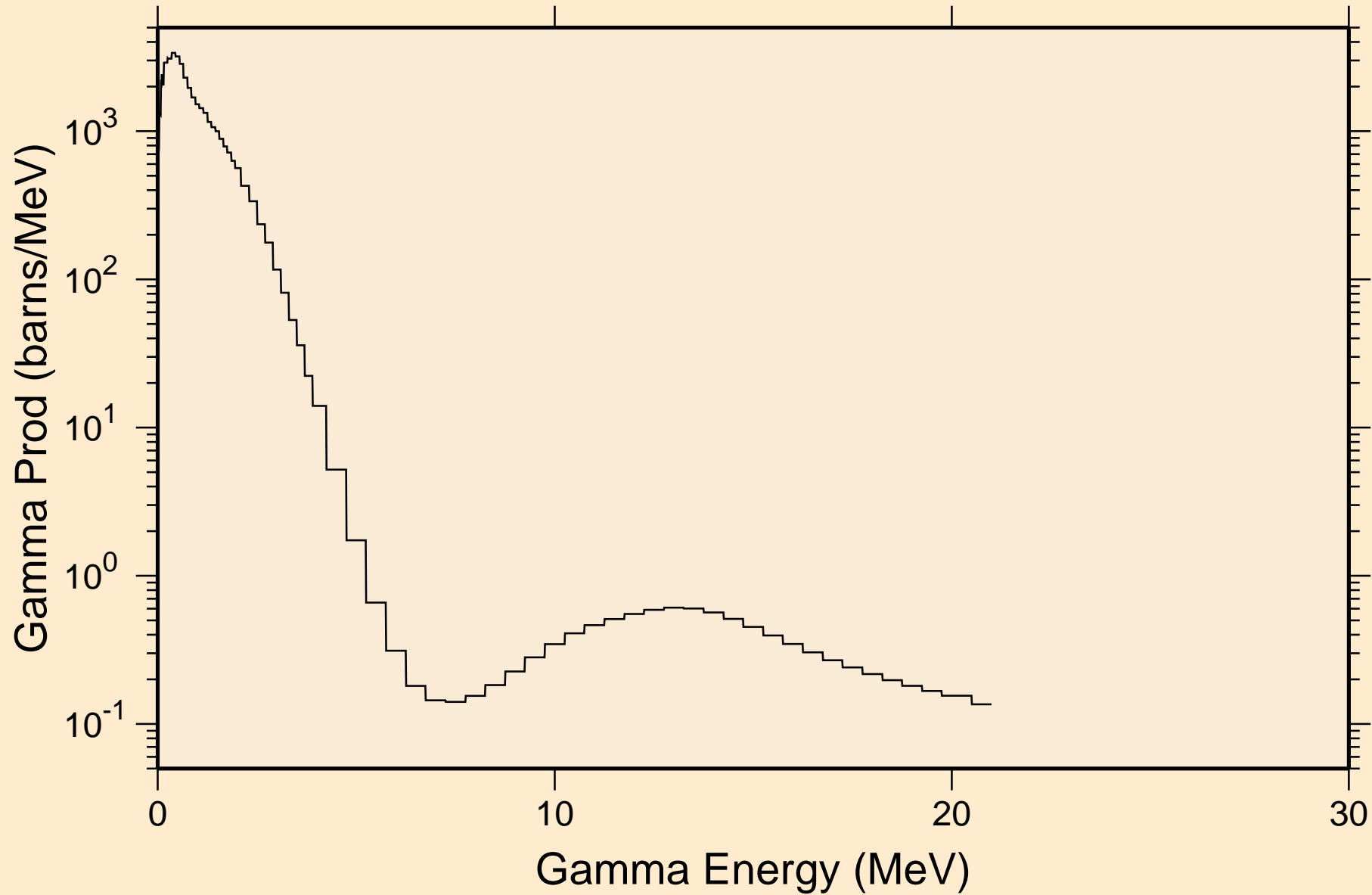
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

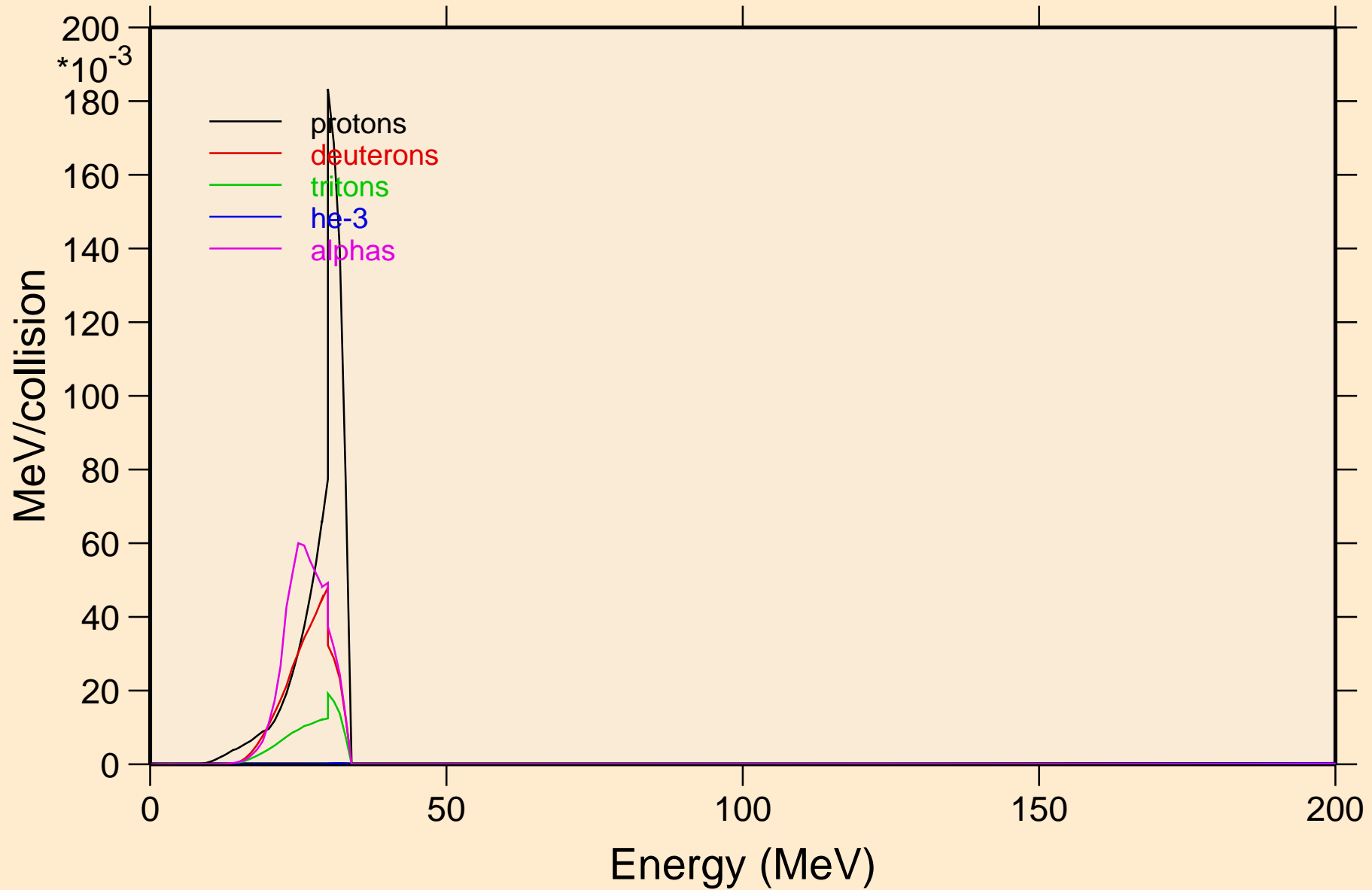


ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

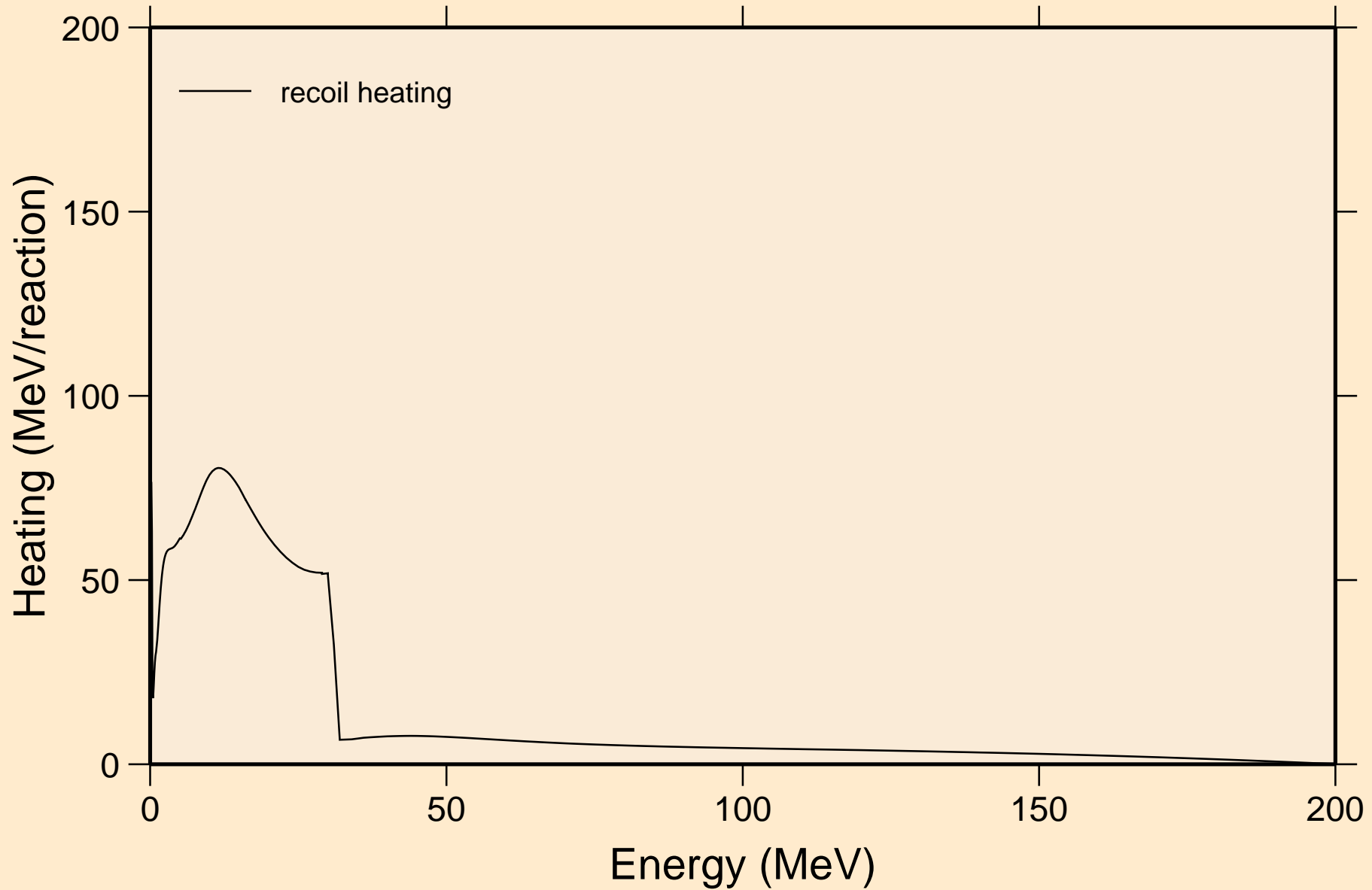


# ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

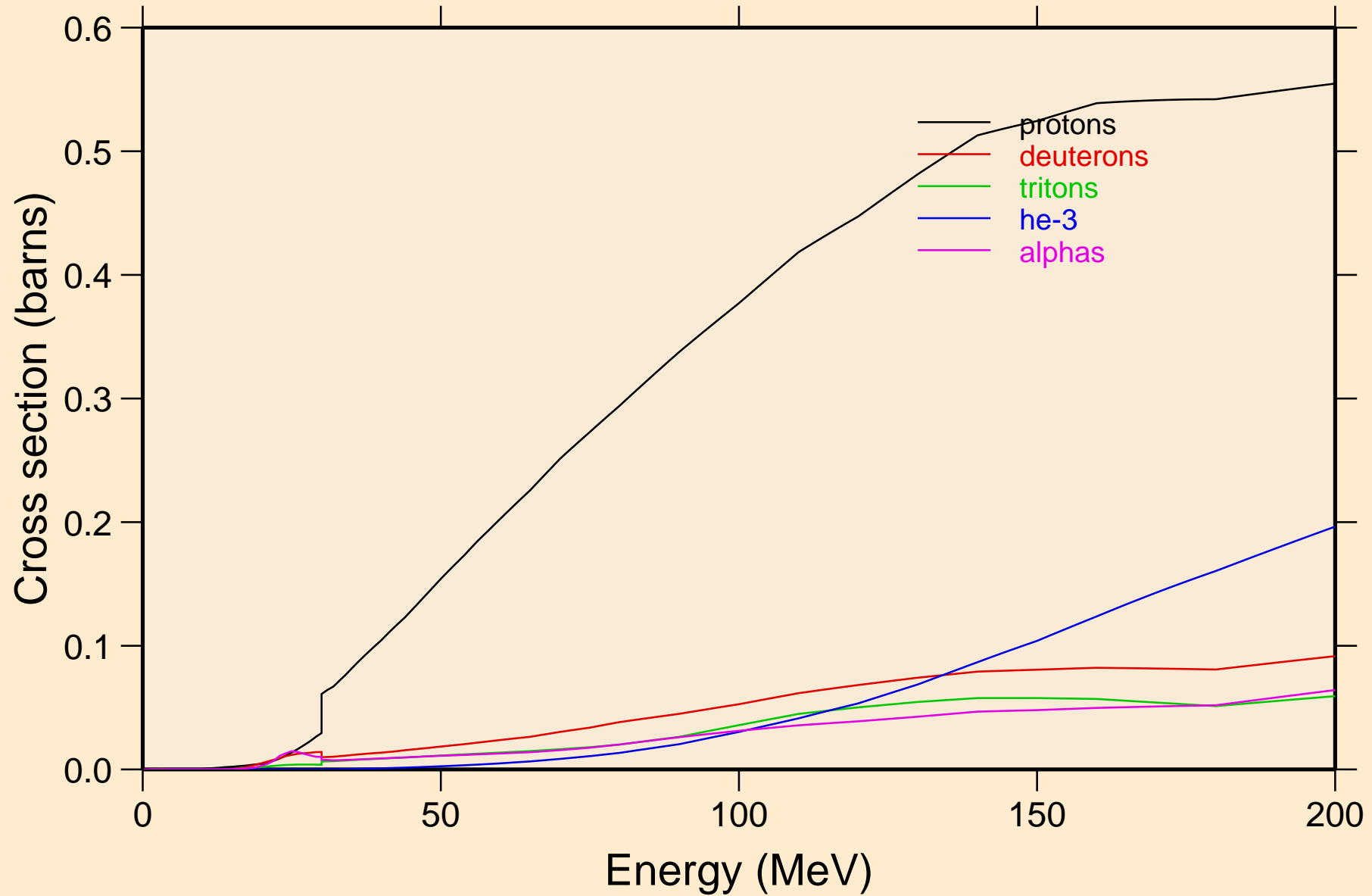


ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



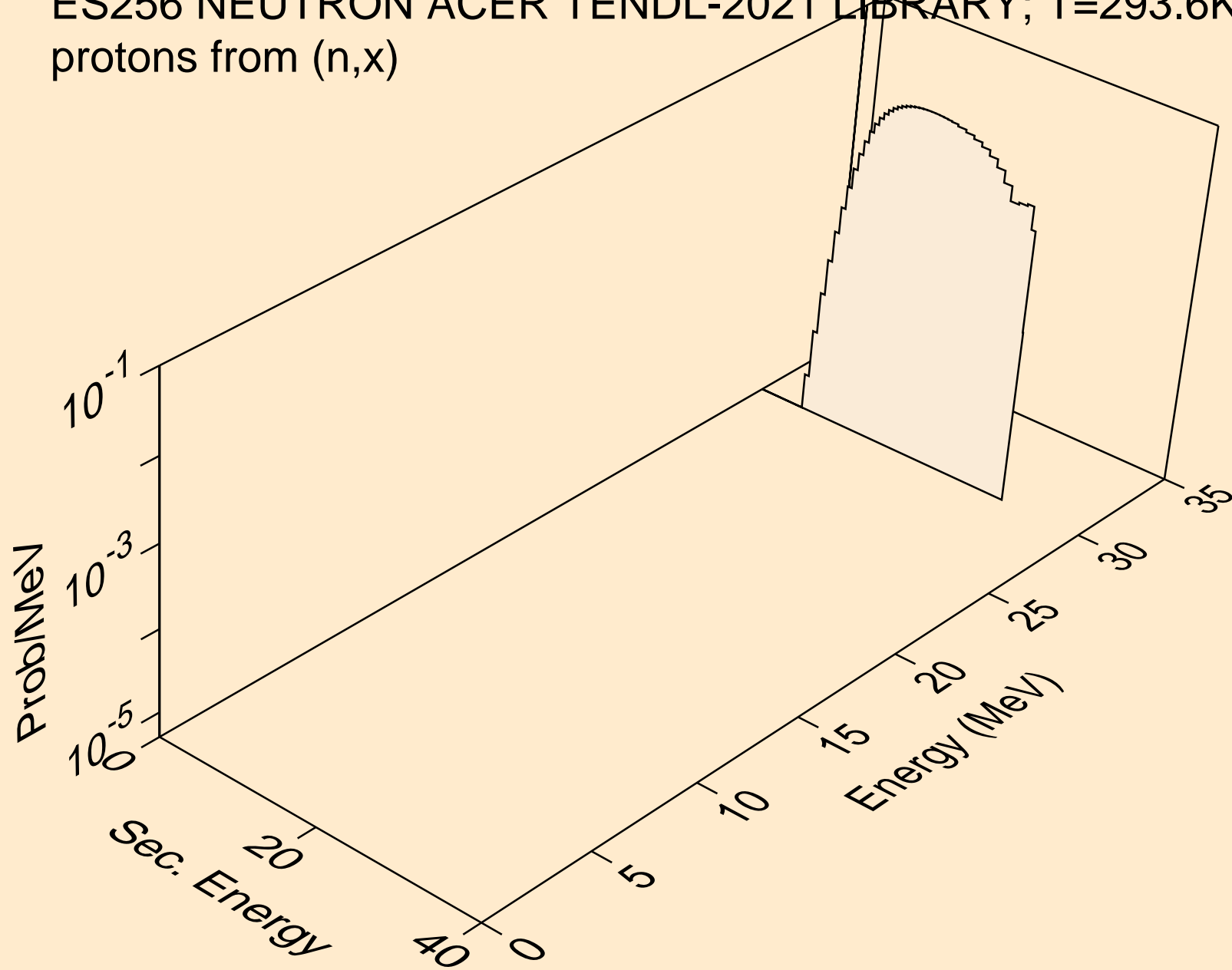
# ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle production cross sections

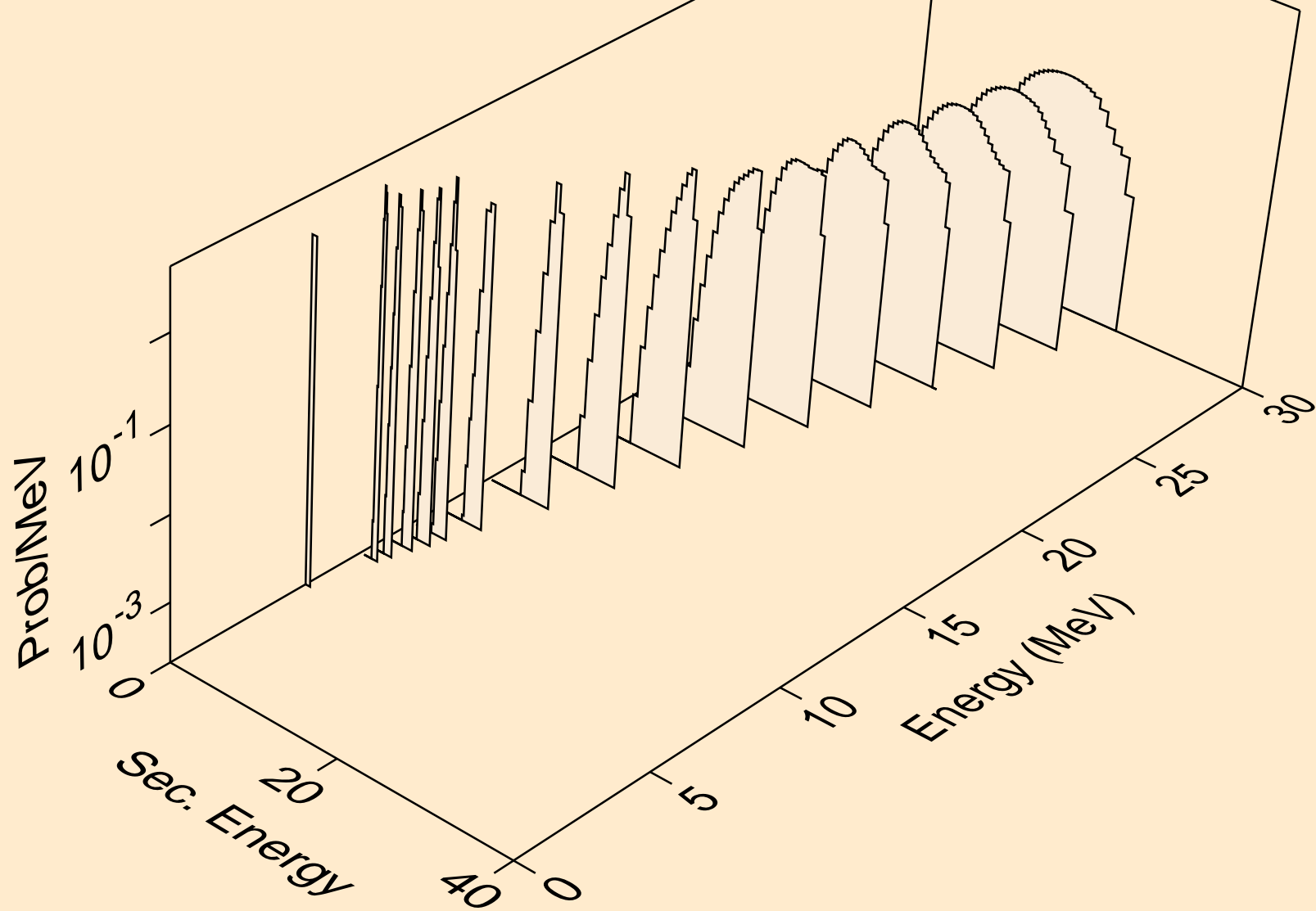




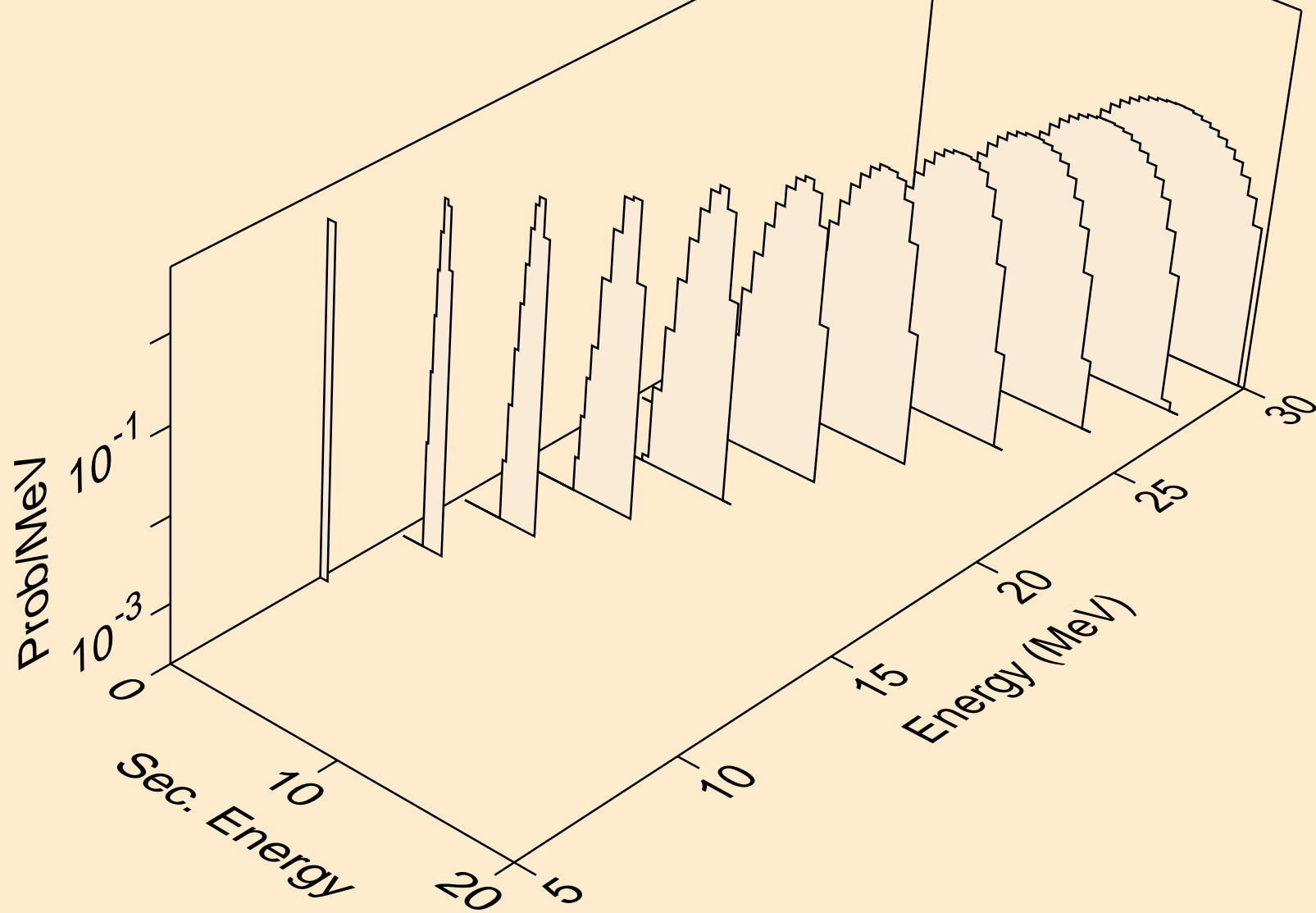
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



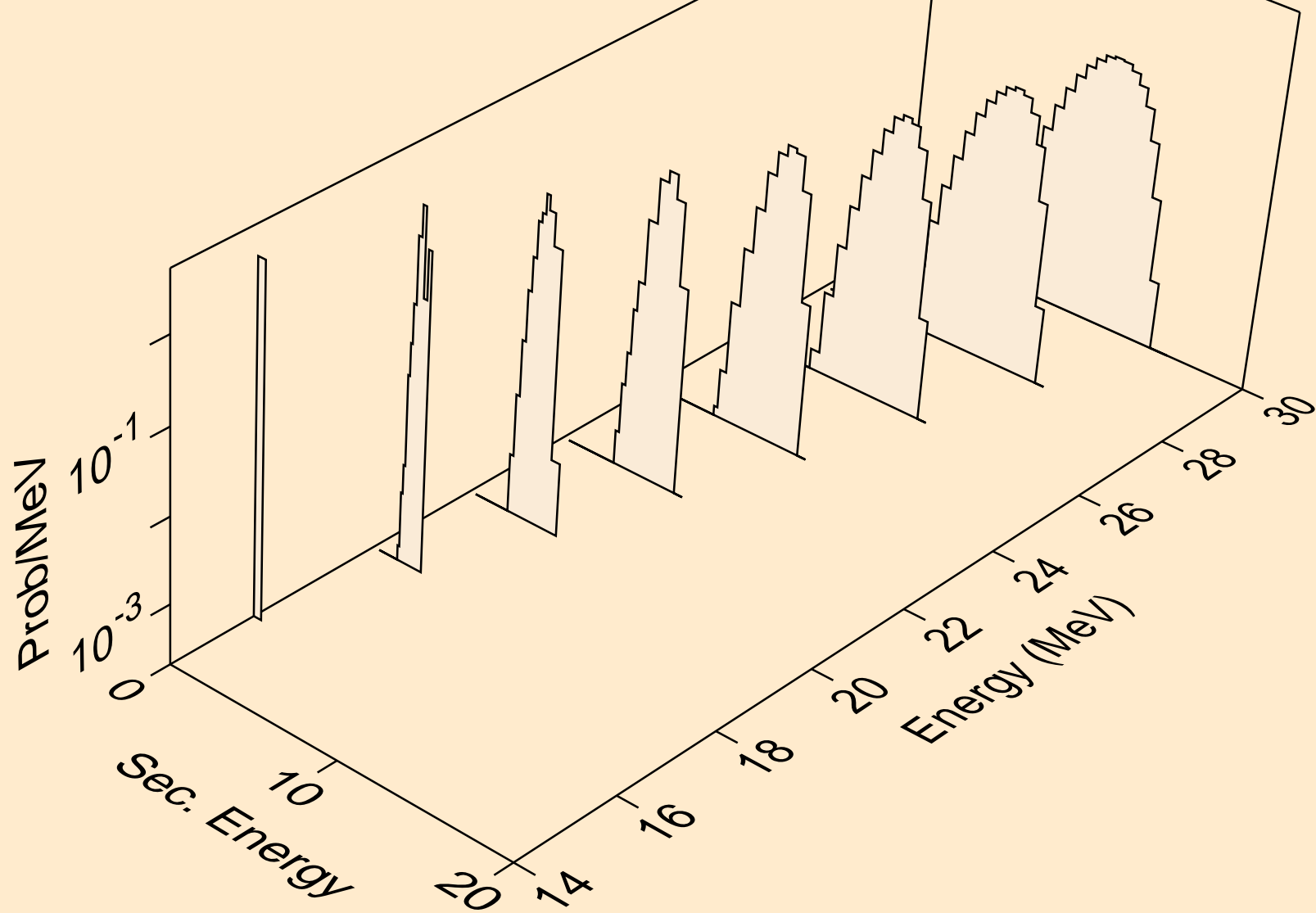
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protons from (n,n\*)p



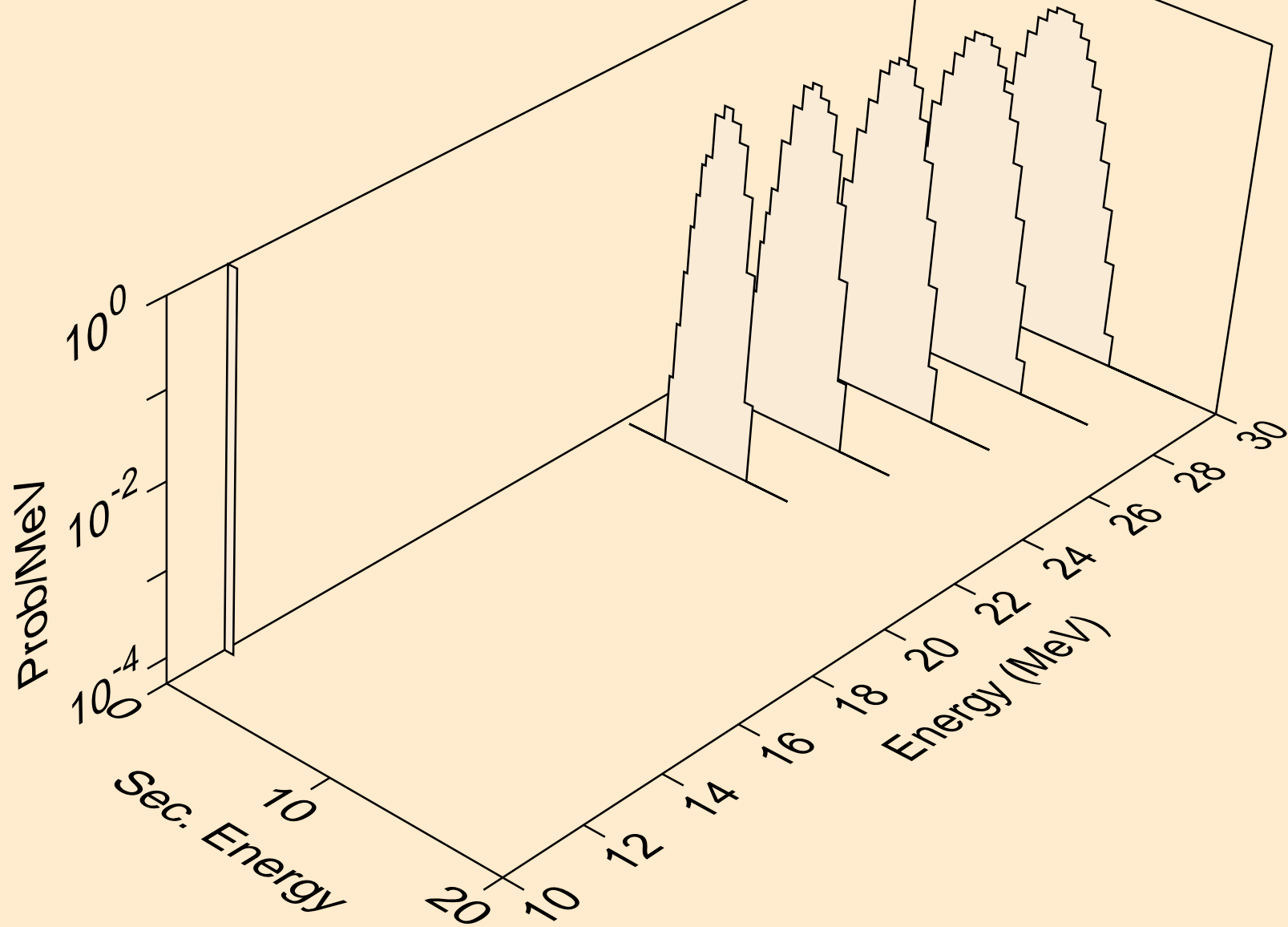
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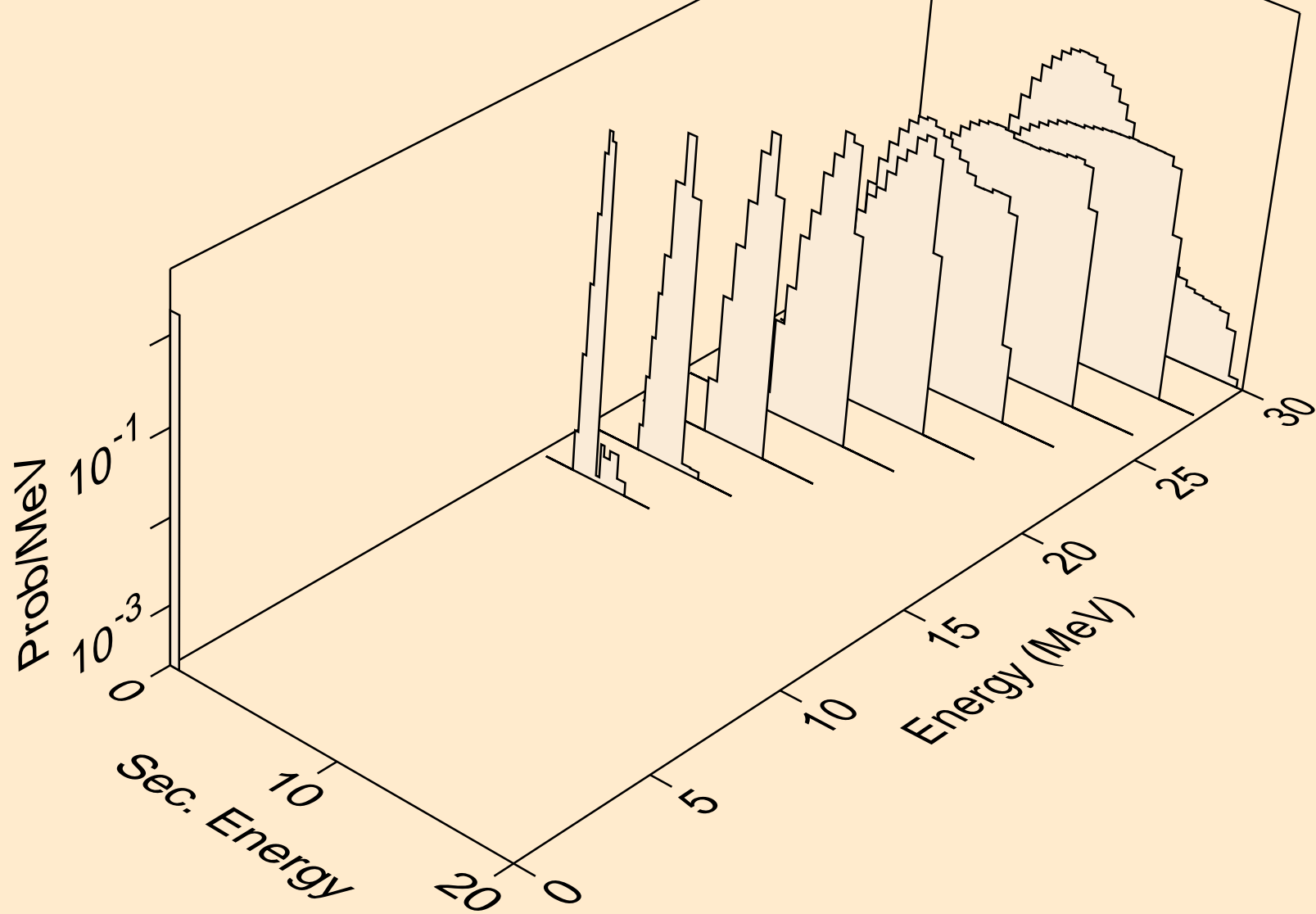
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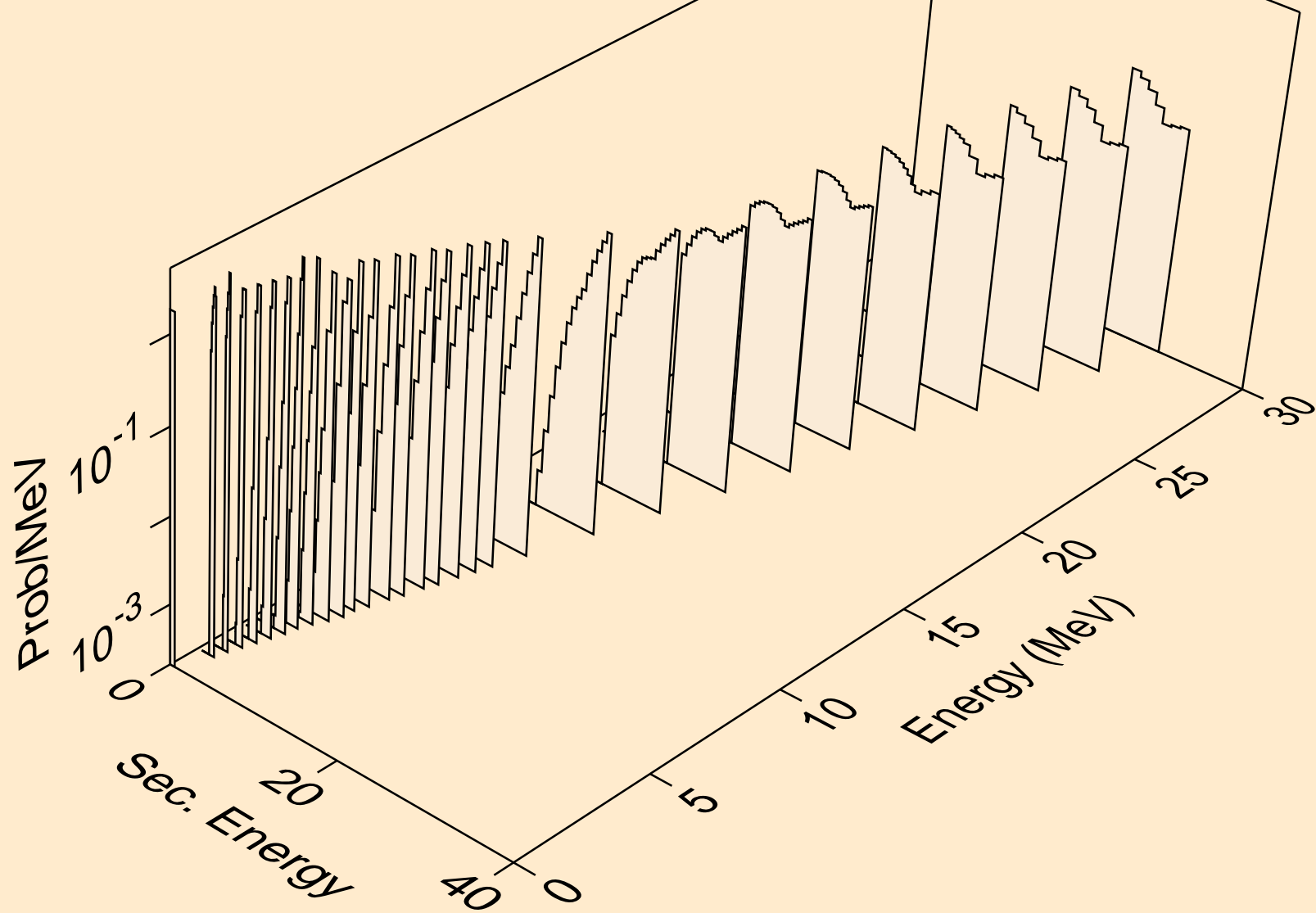
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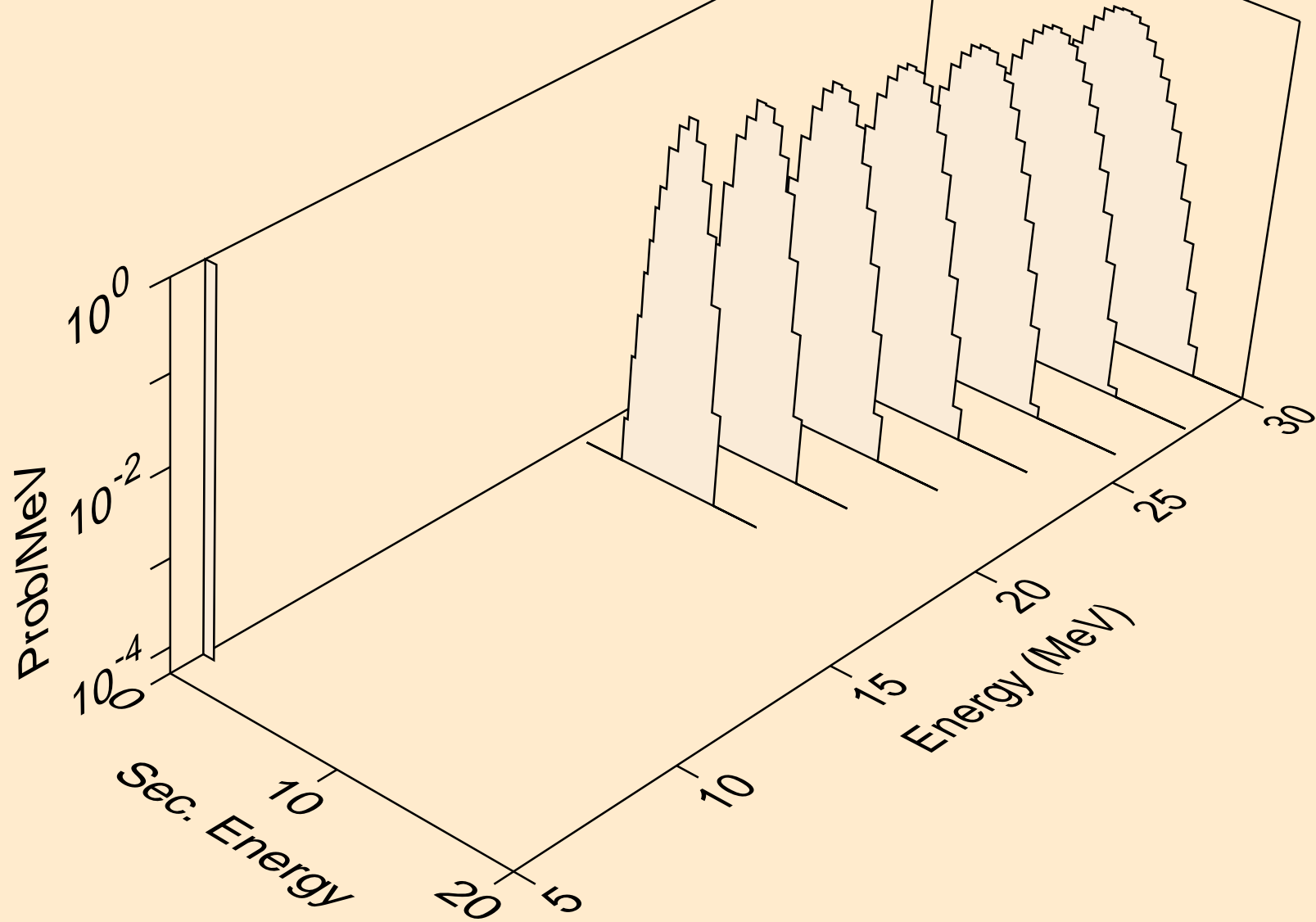
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protons from (n,npa)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

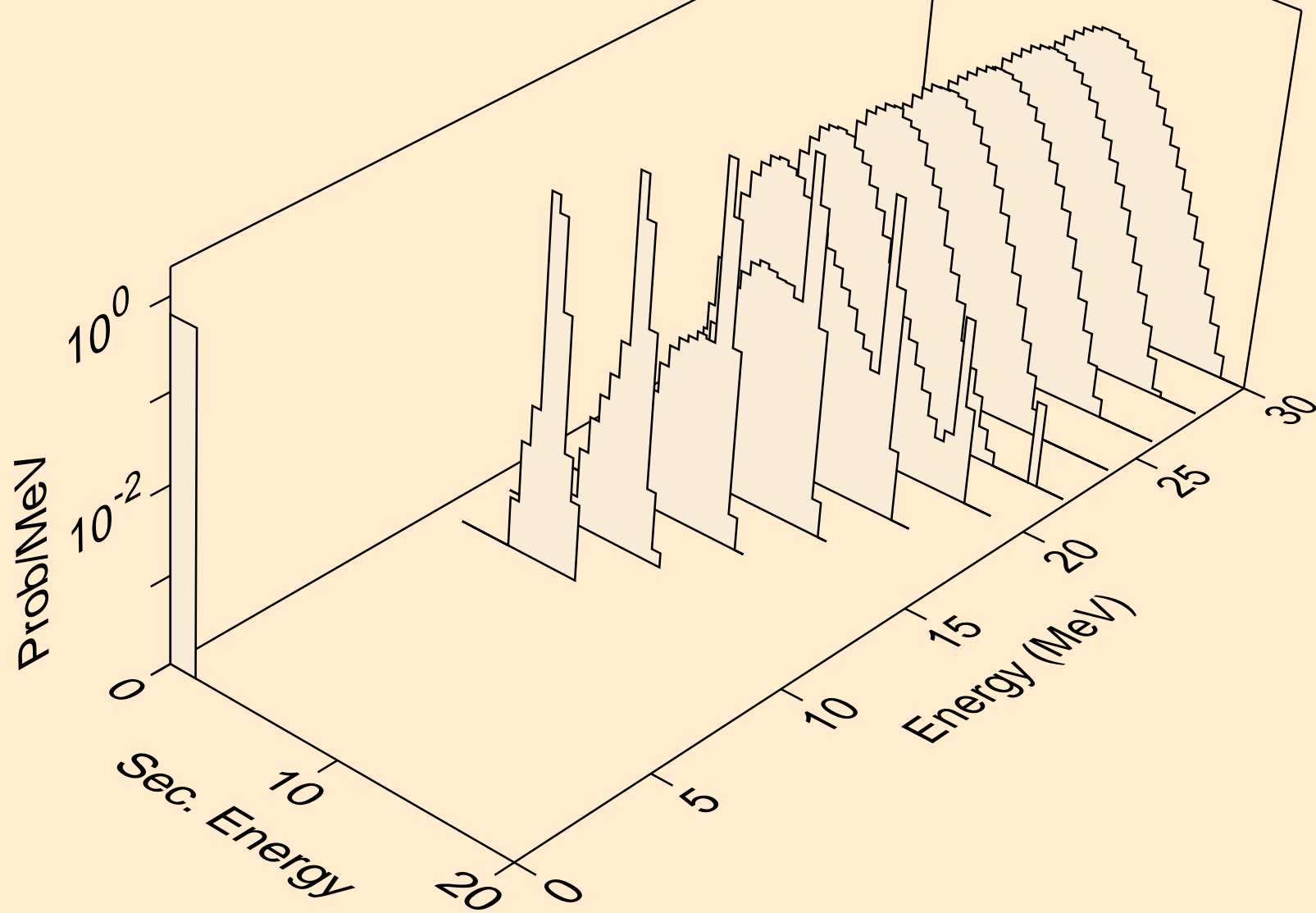


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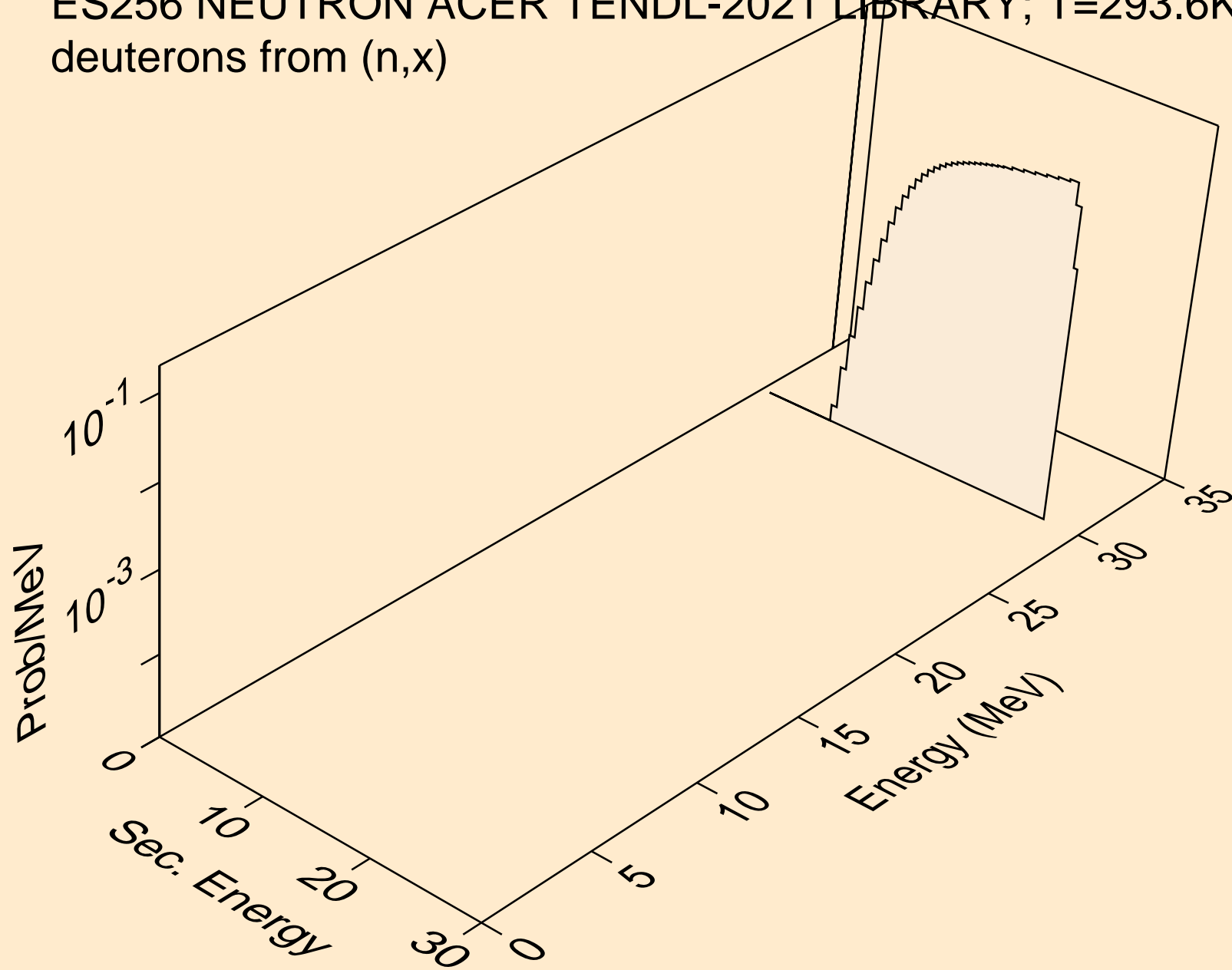




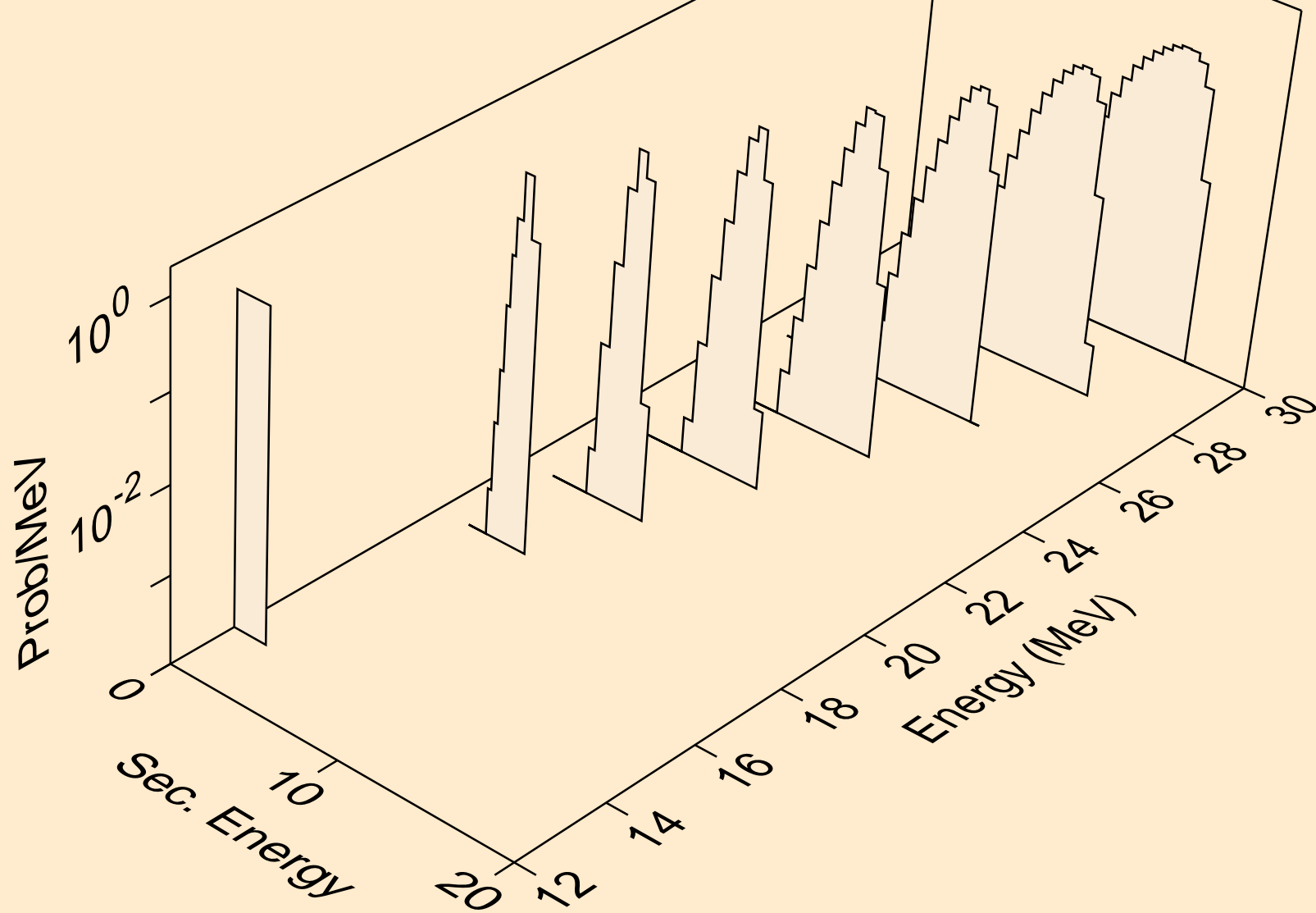
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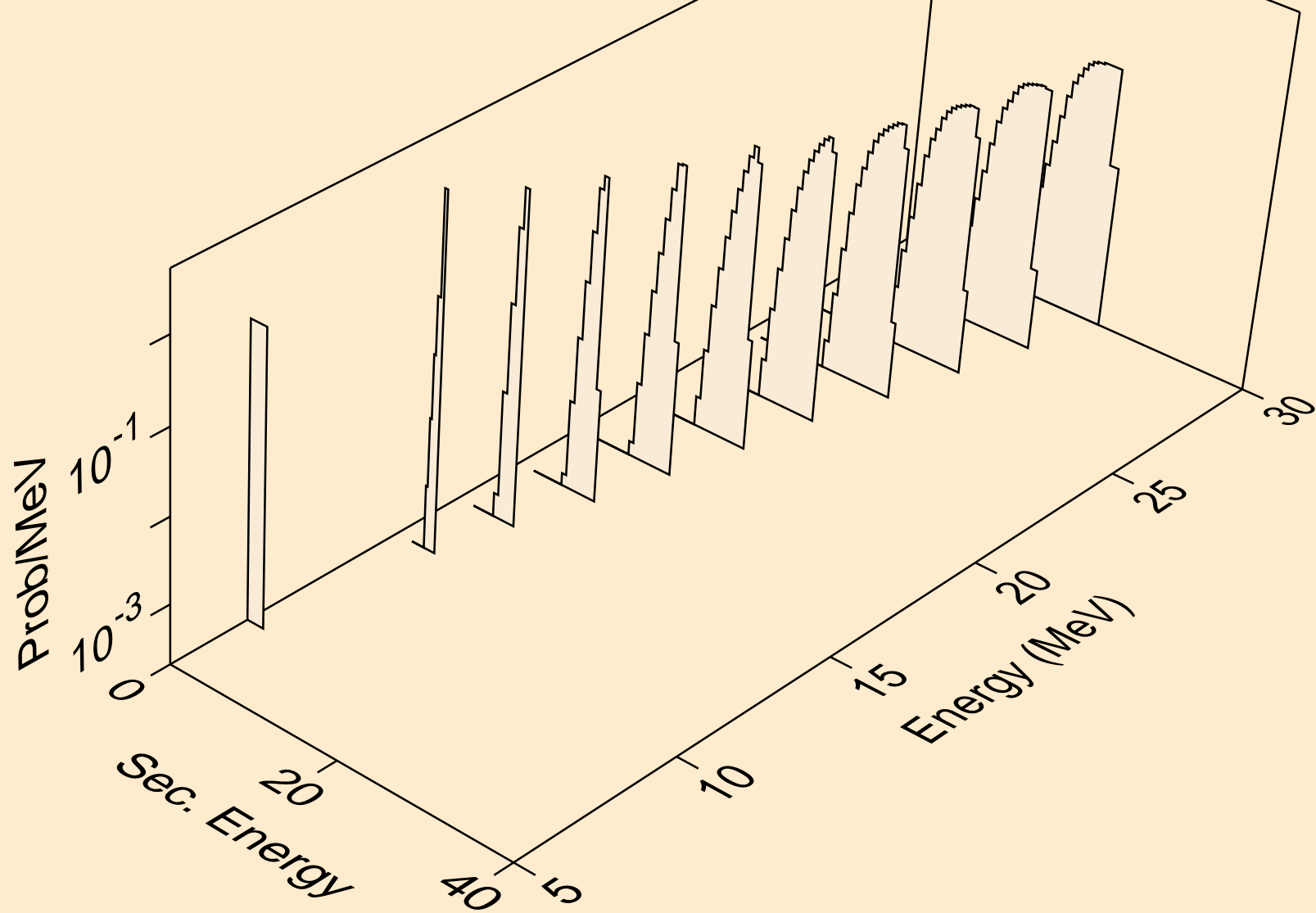
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deuterons from (n,x)



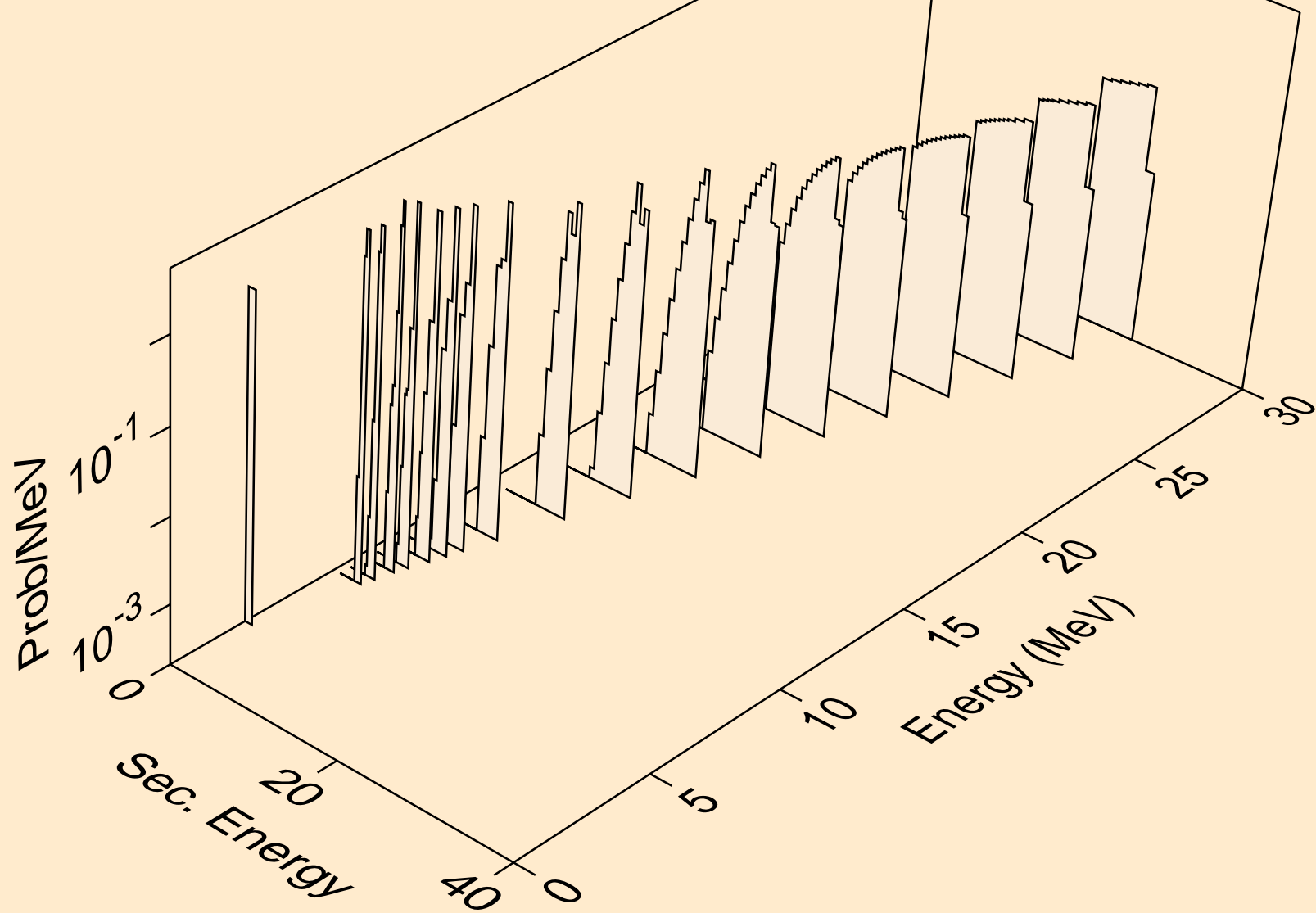
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deuterons from (n,2nd)



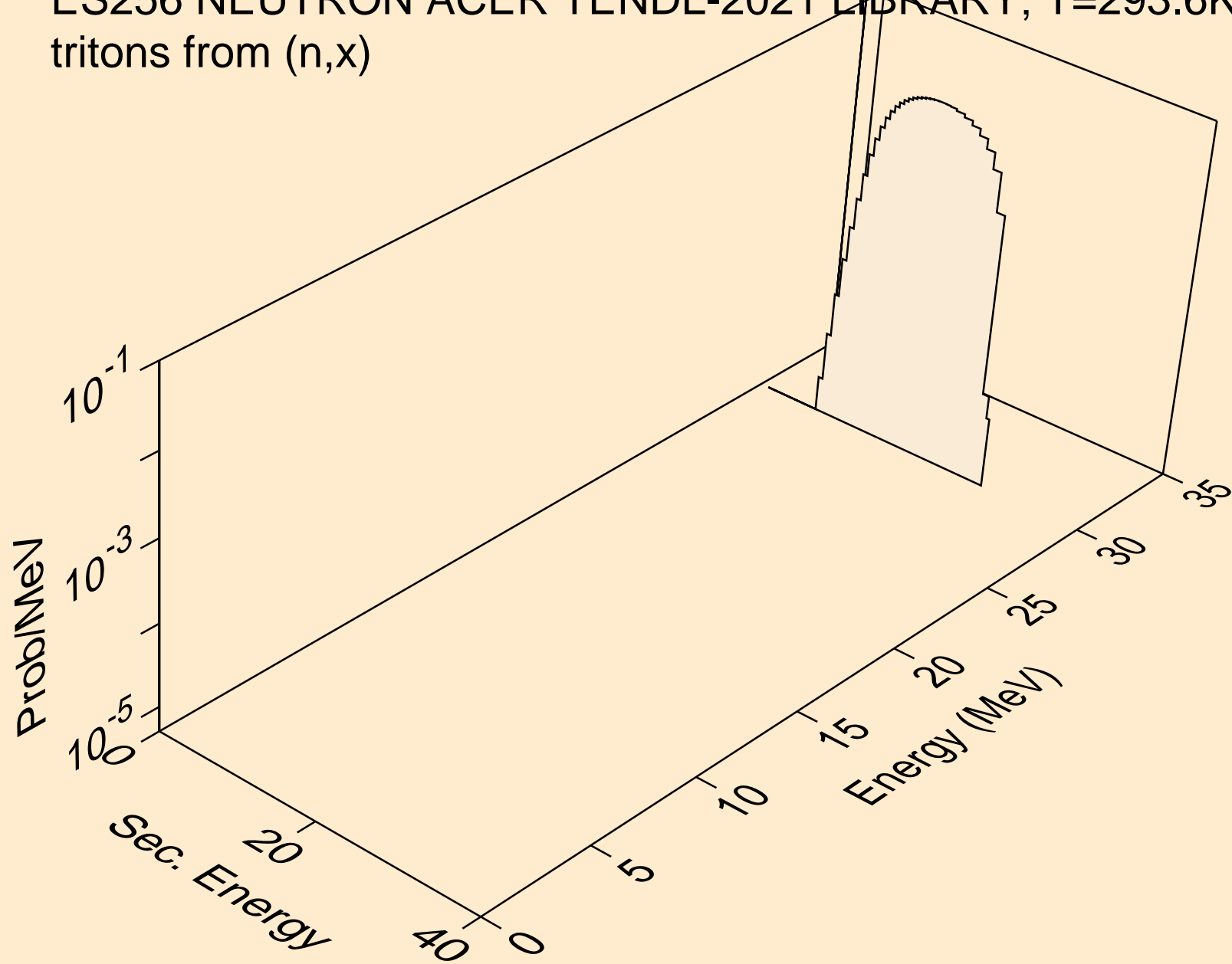
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deuterons from (n,n\*)d



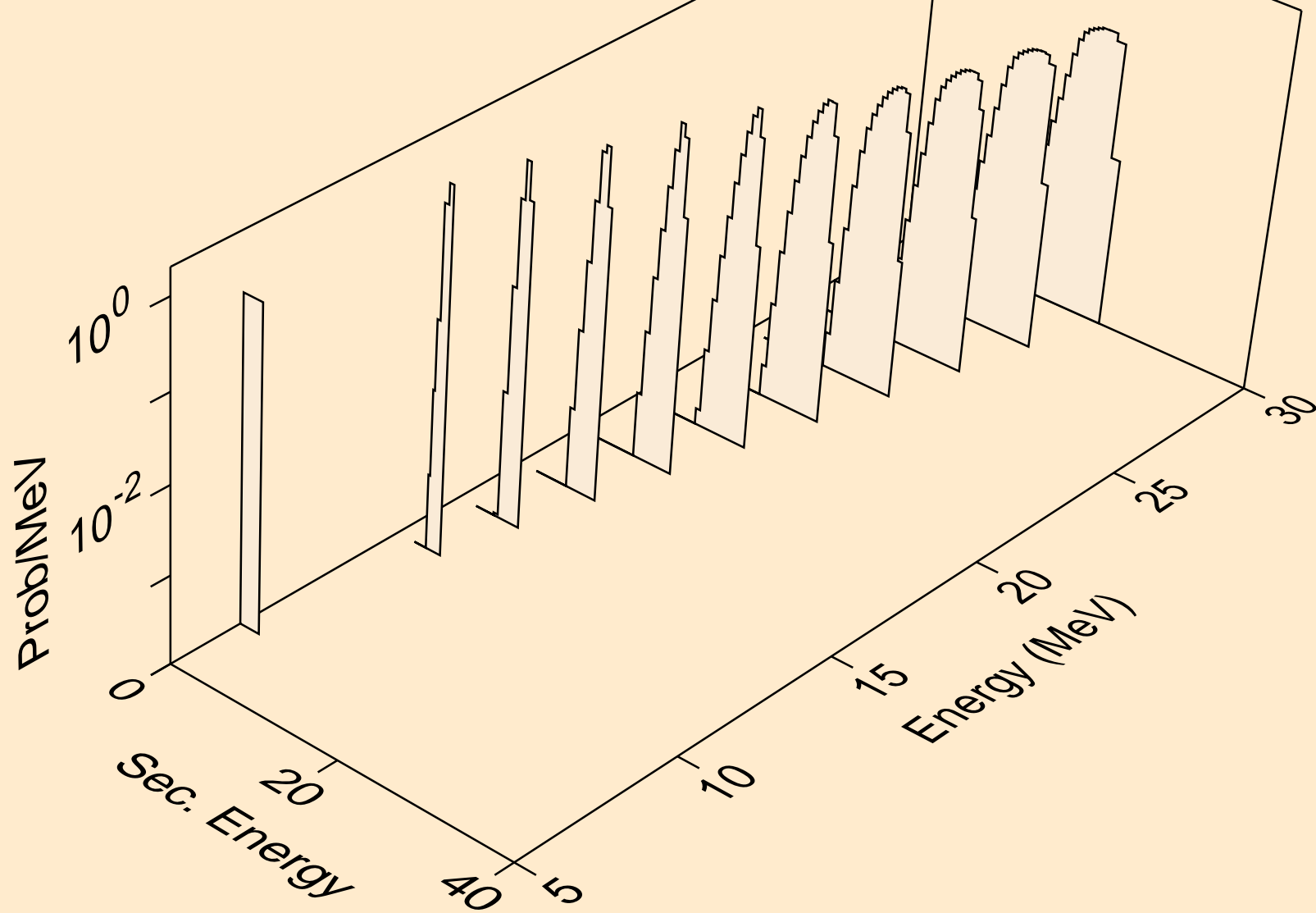
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deuterons from (n,d)



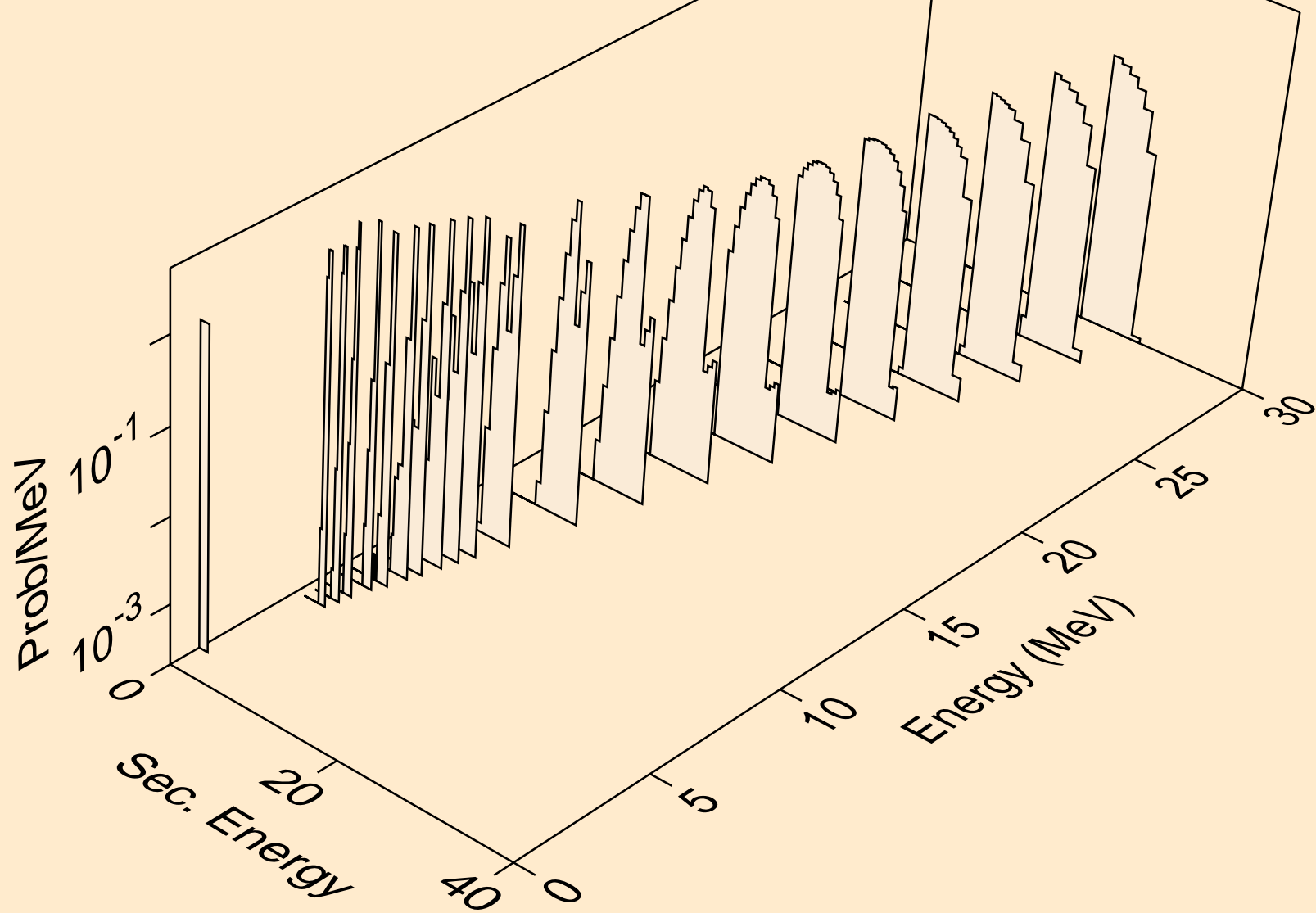
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

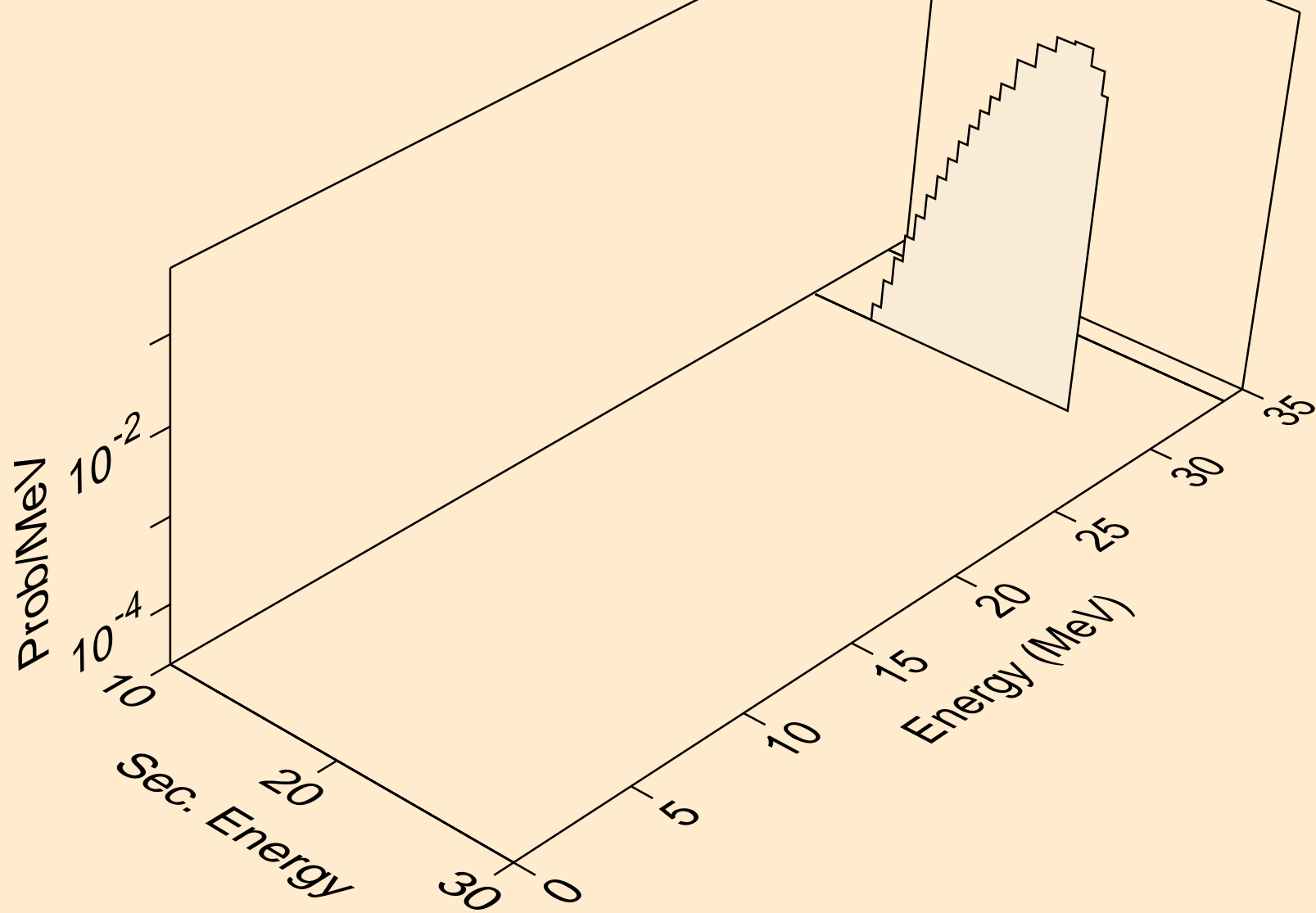


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tritons from (n,t)

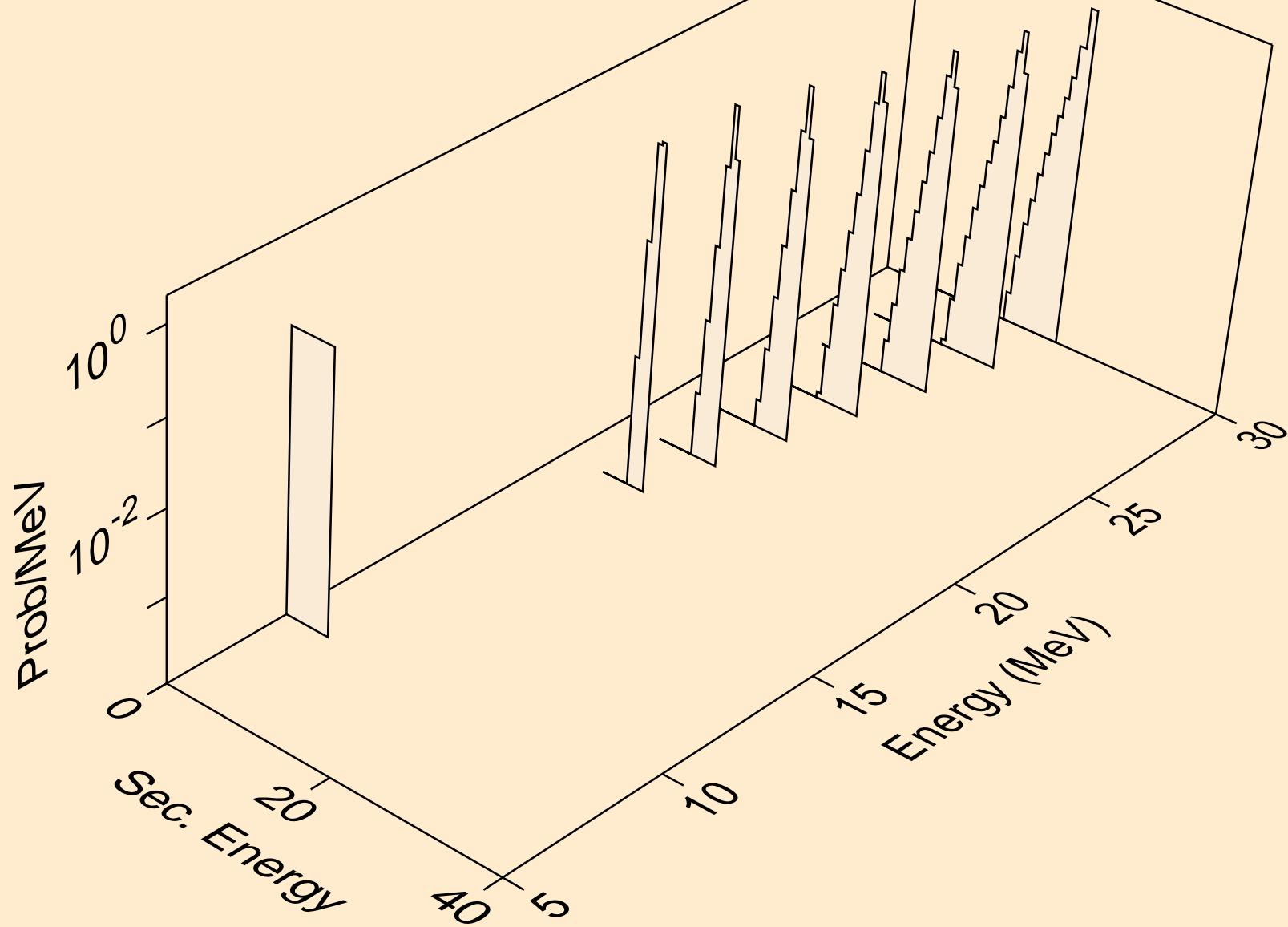




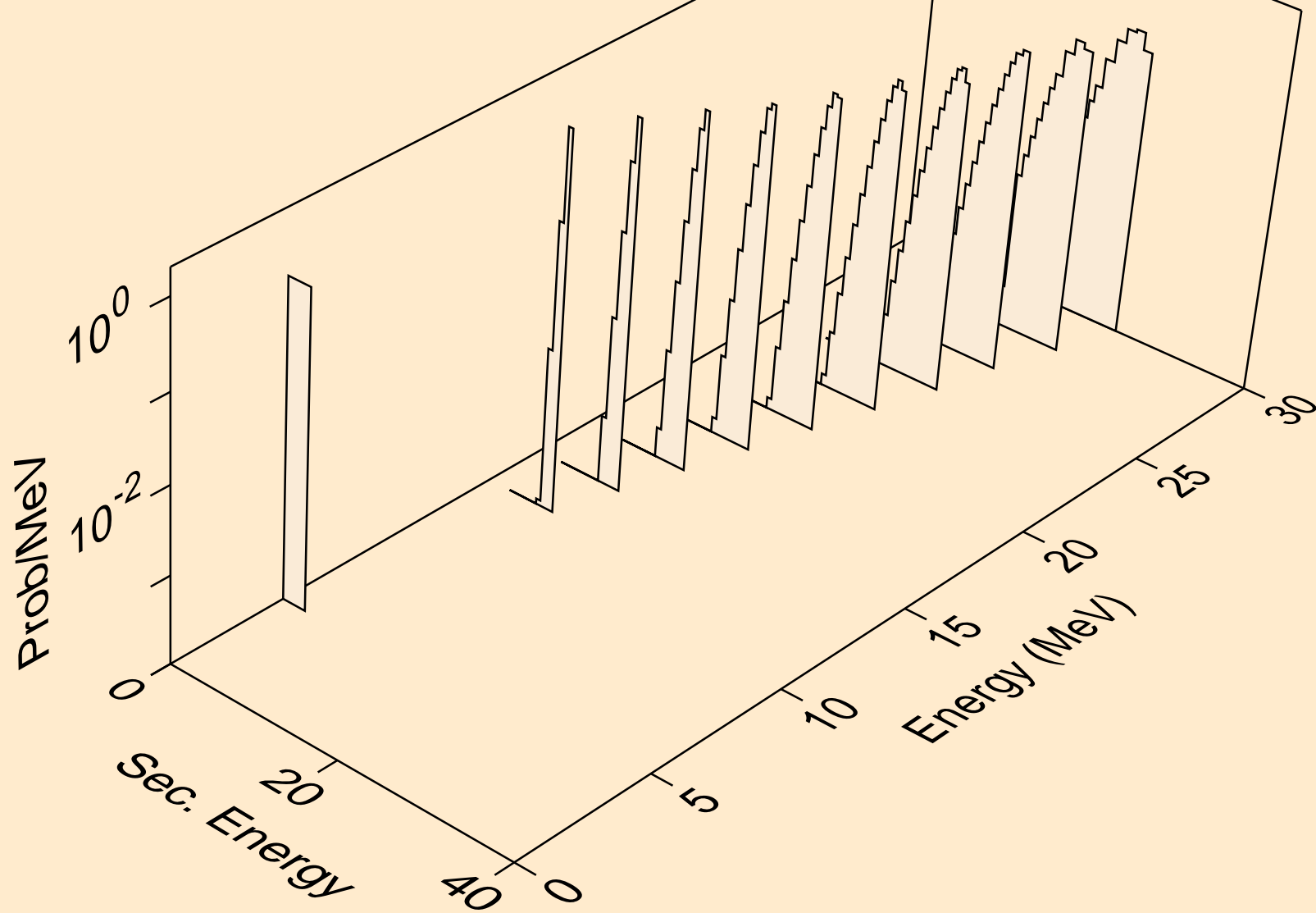
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



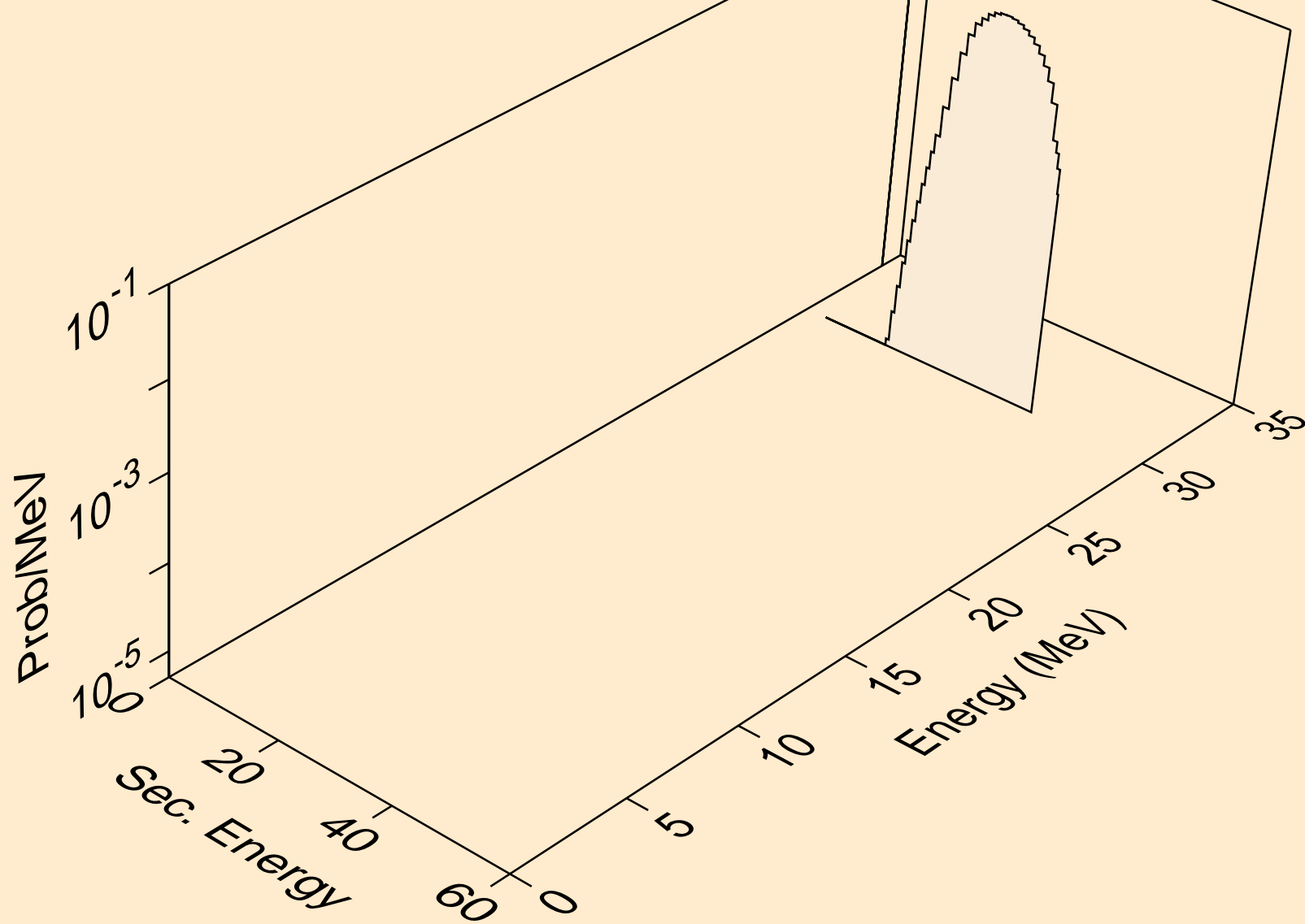
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he3s from (n,n\*)he3



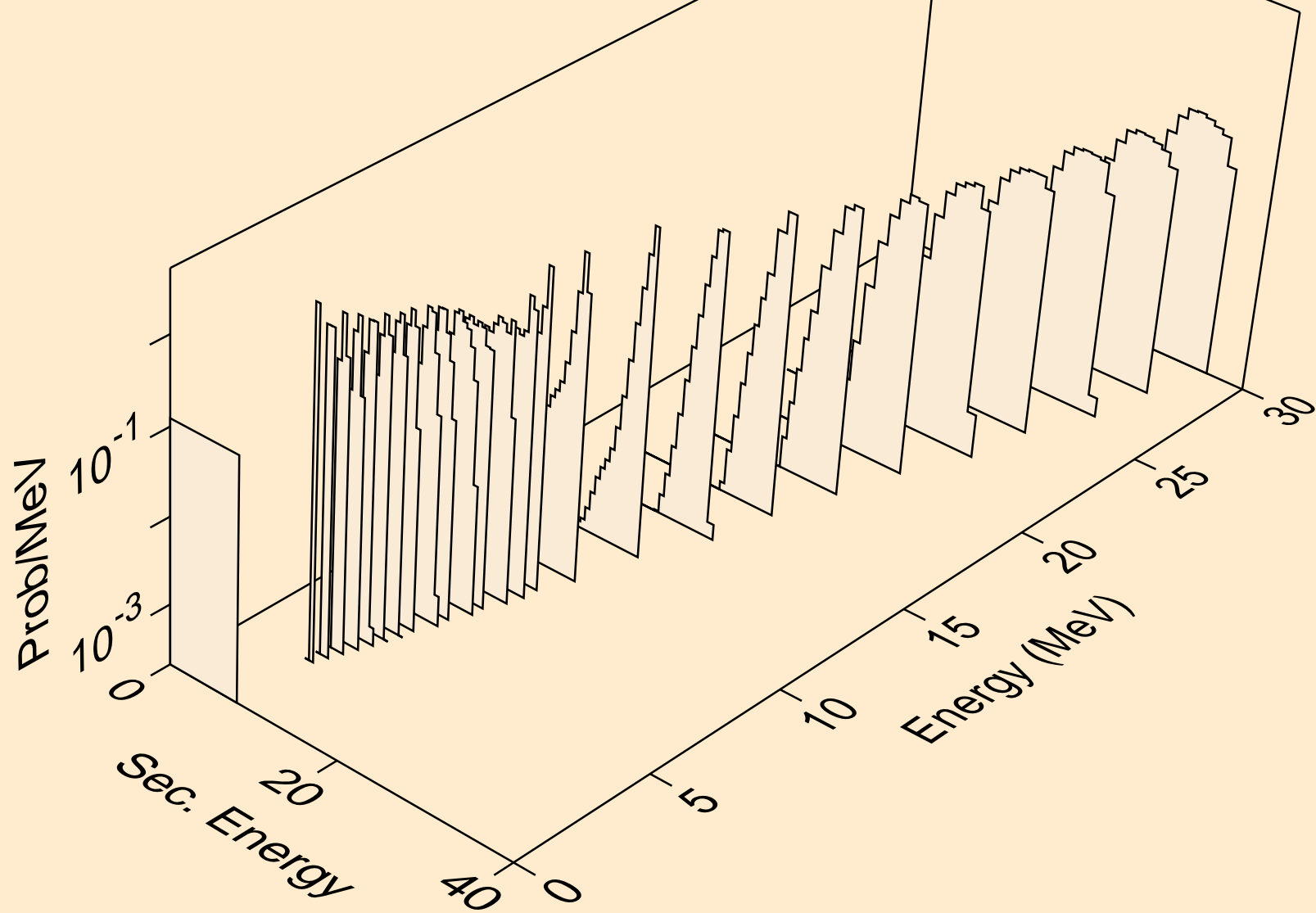
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he3s from (n,he3)



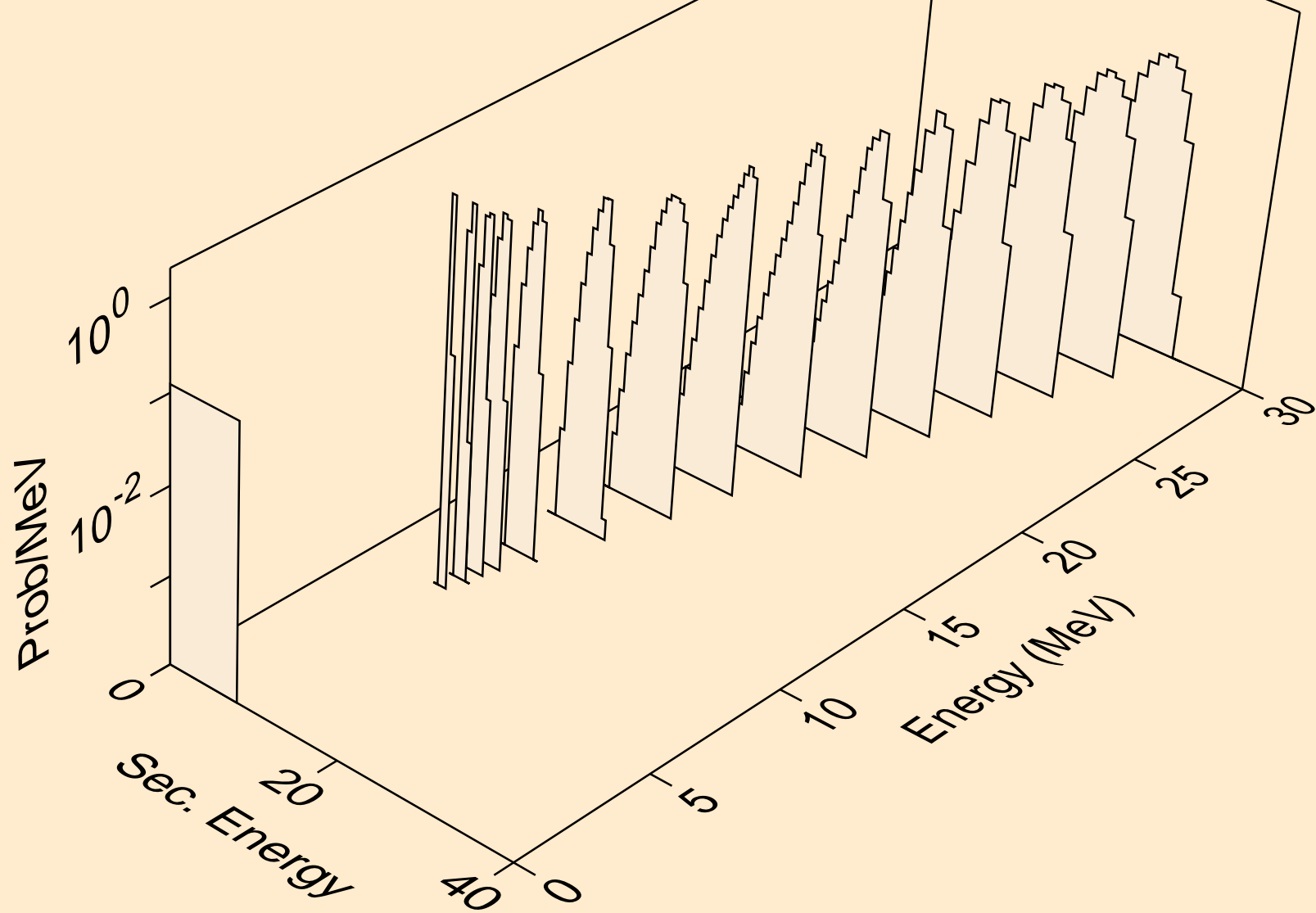
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



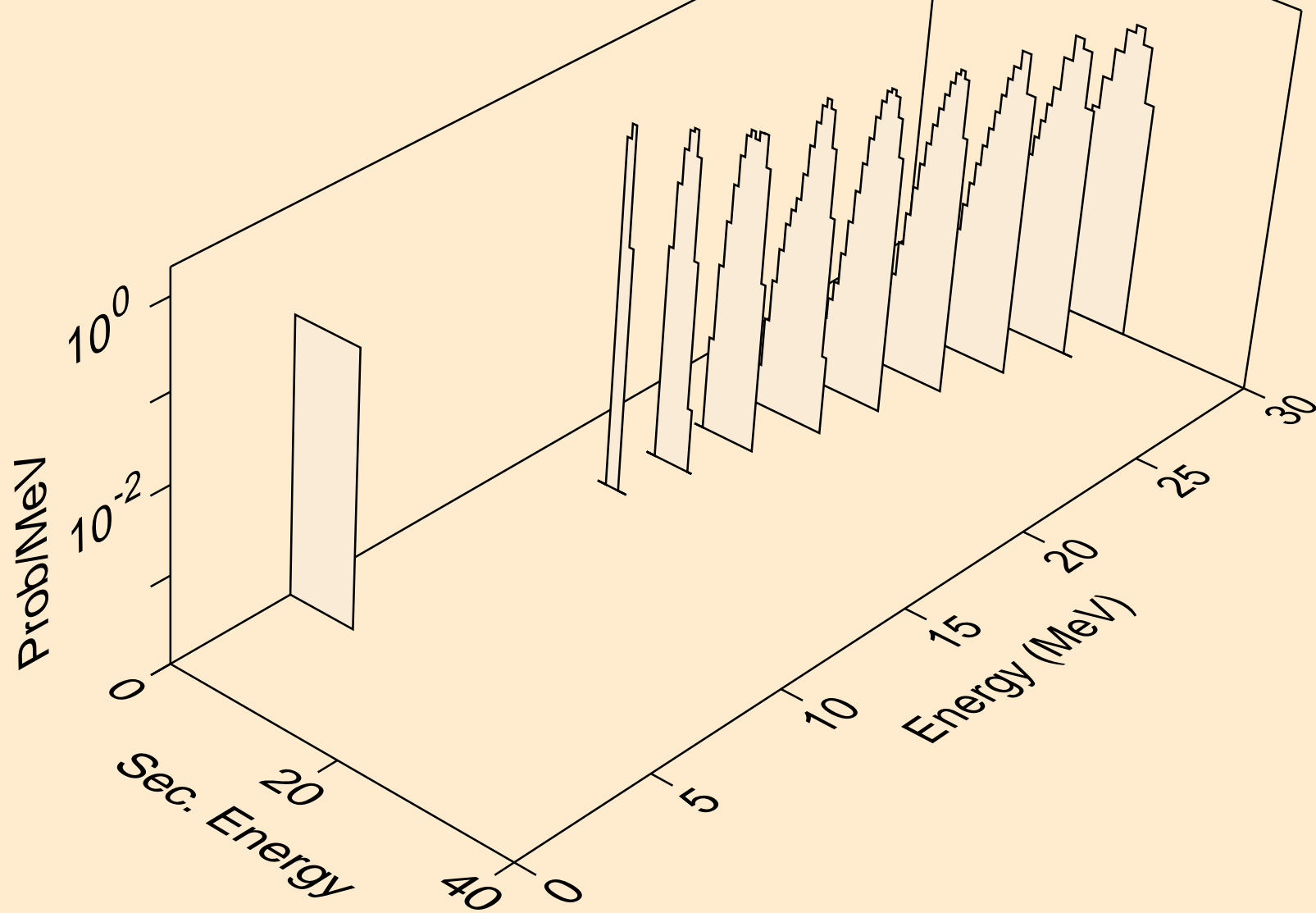
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alphas from (n,n\*)a



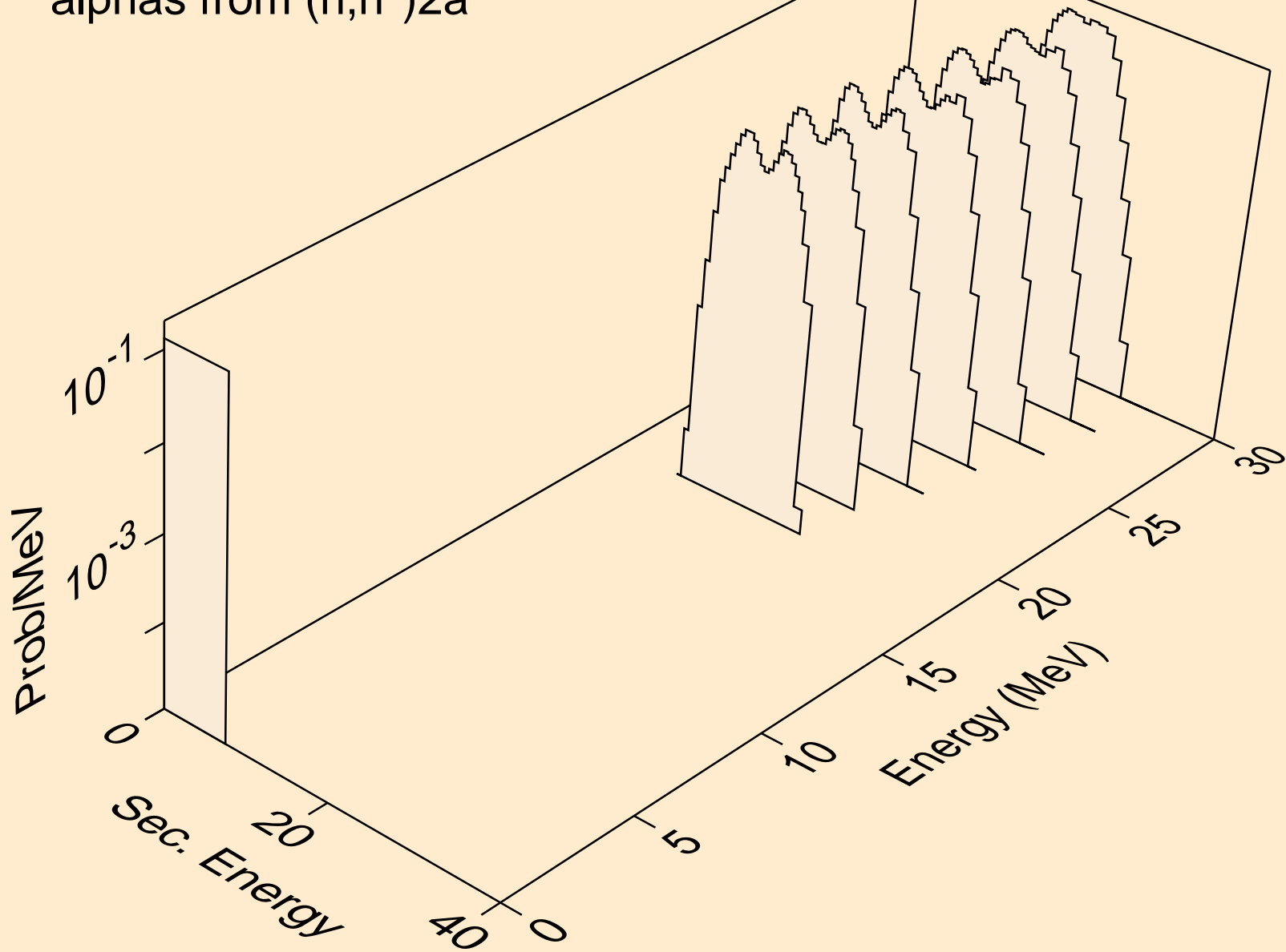
ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

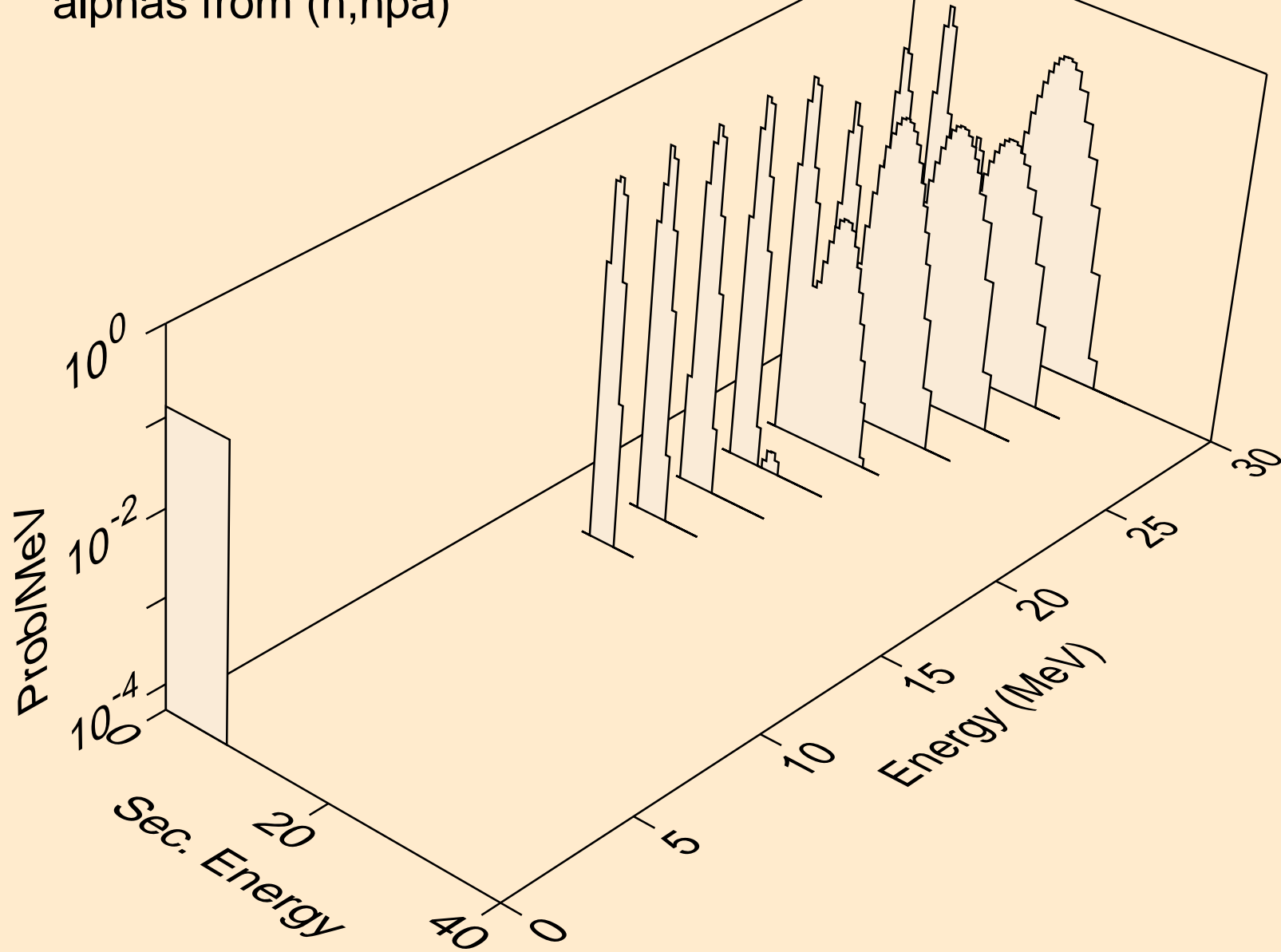


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alphas from (n,n\*)2a

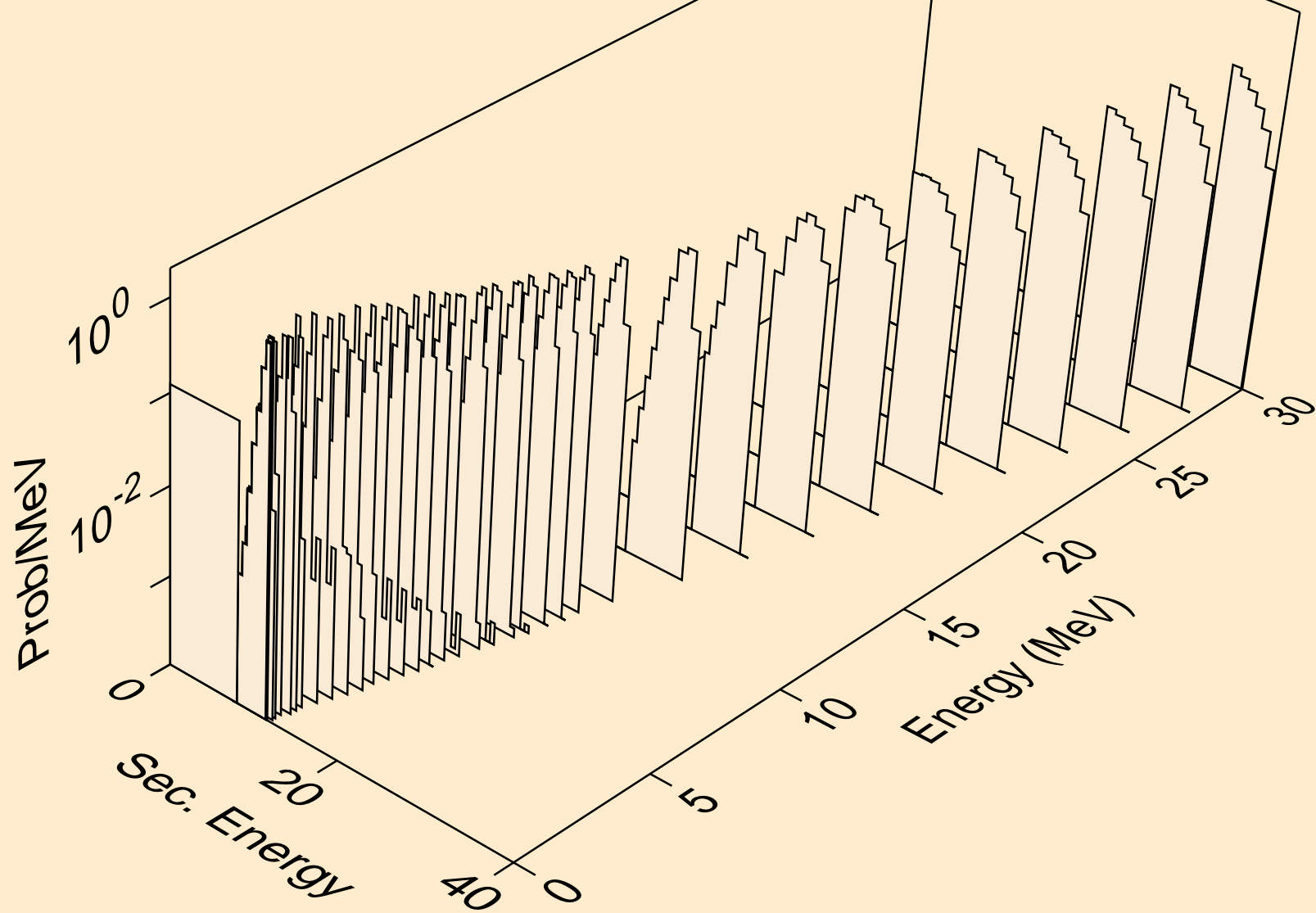




ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



ES256 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)

