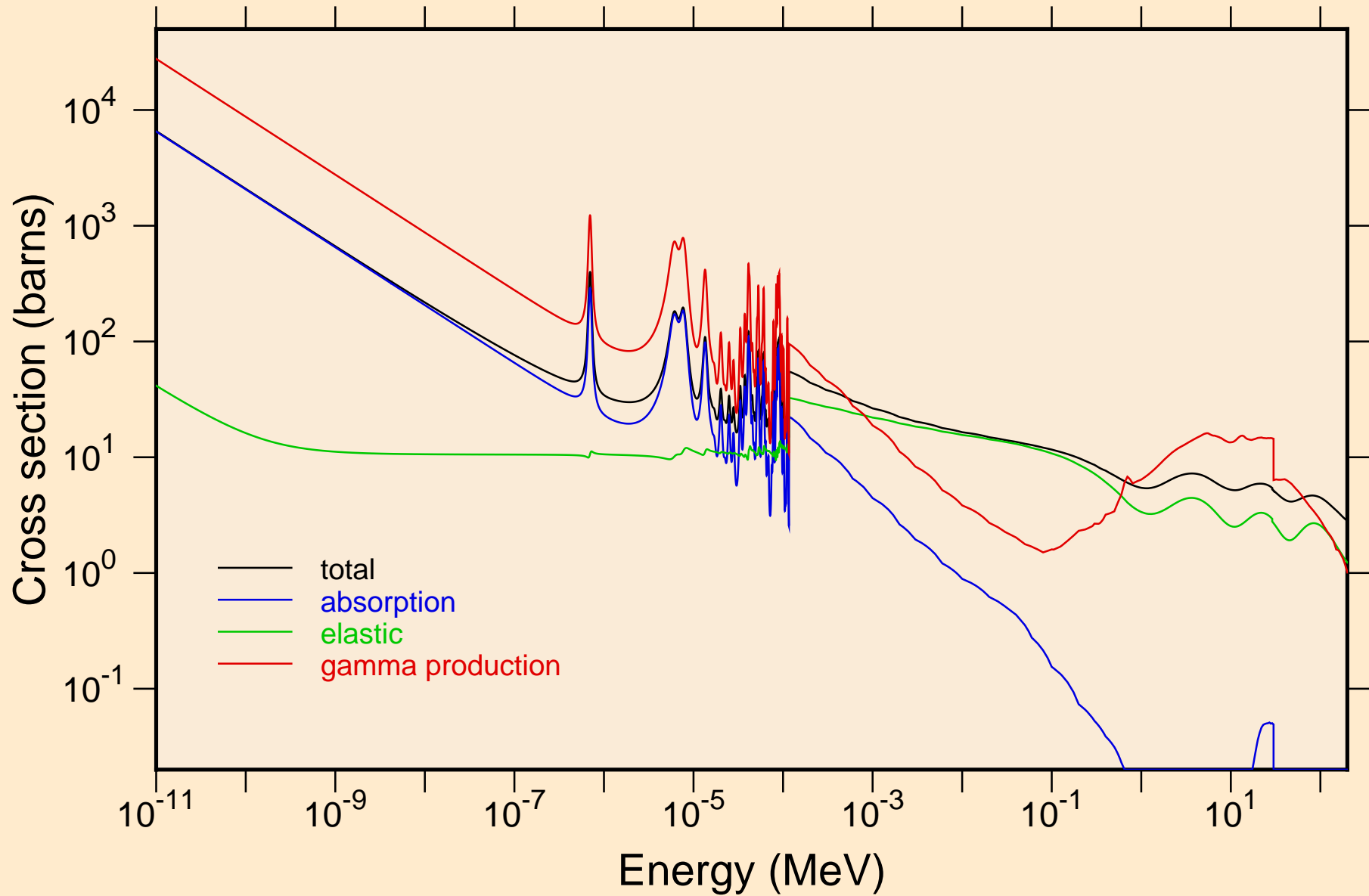
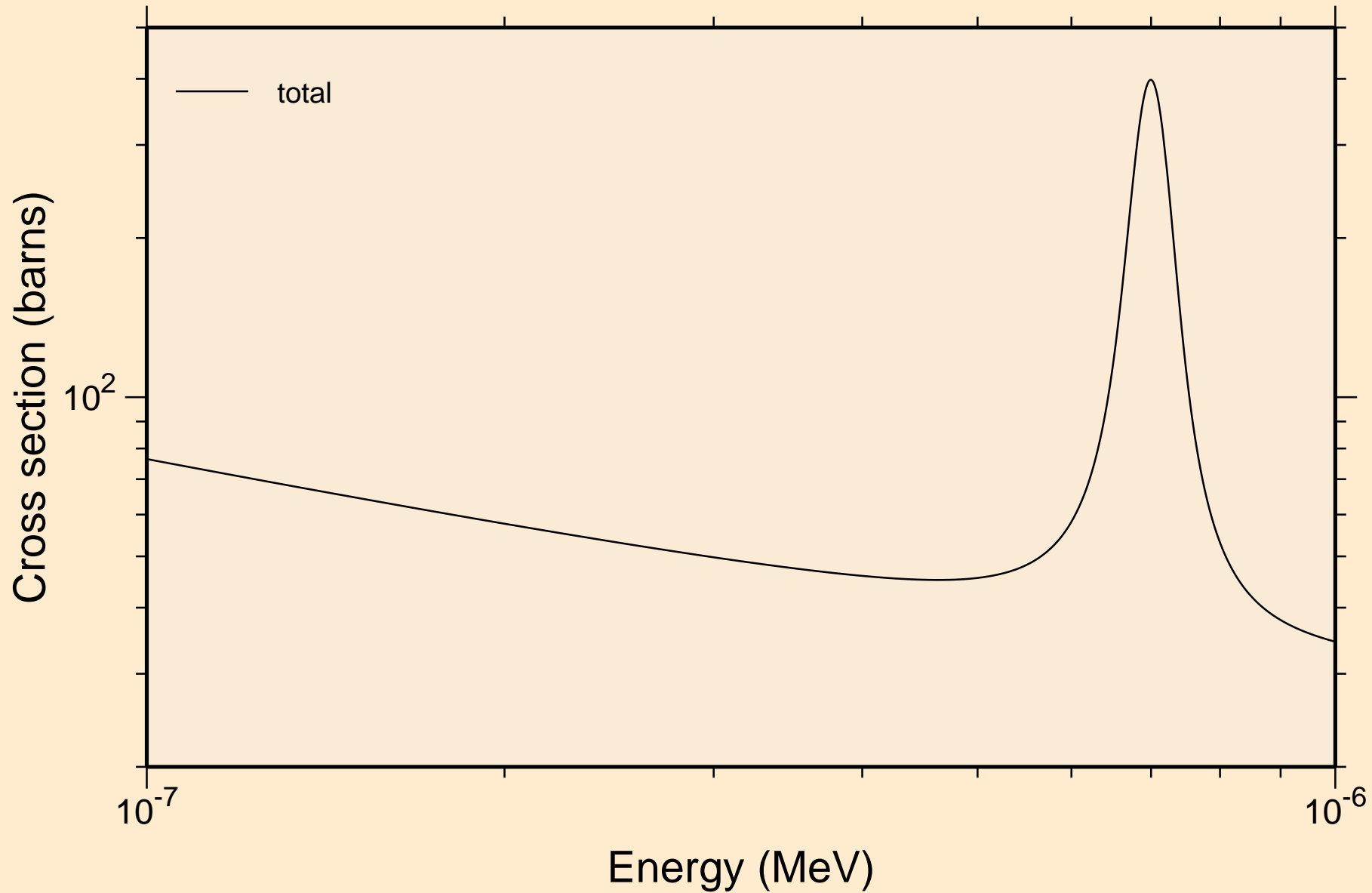


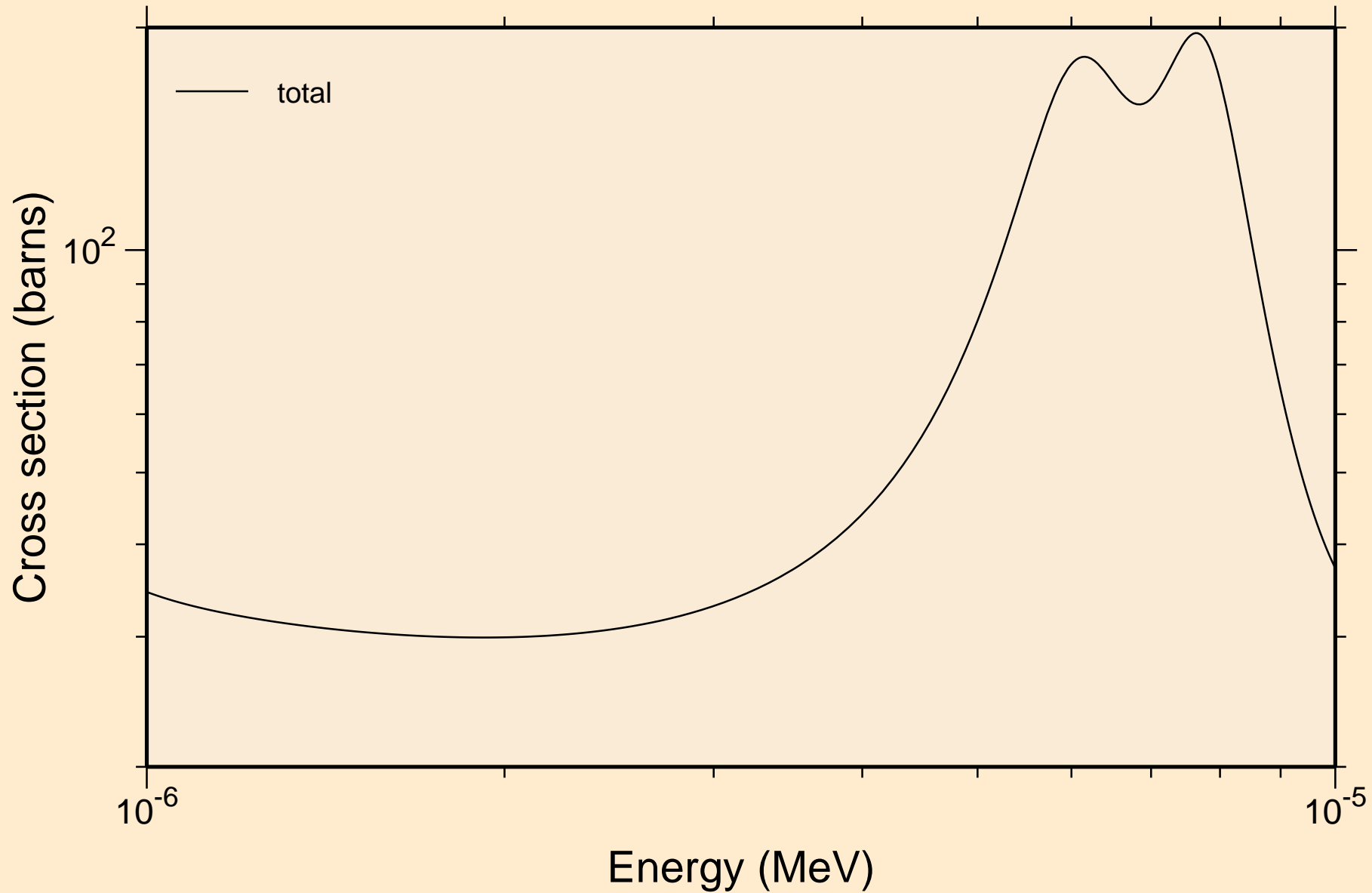
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section

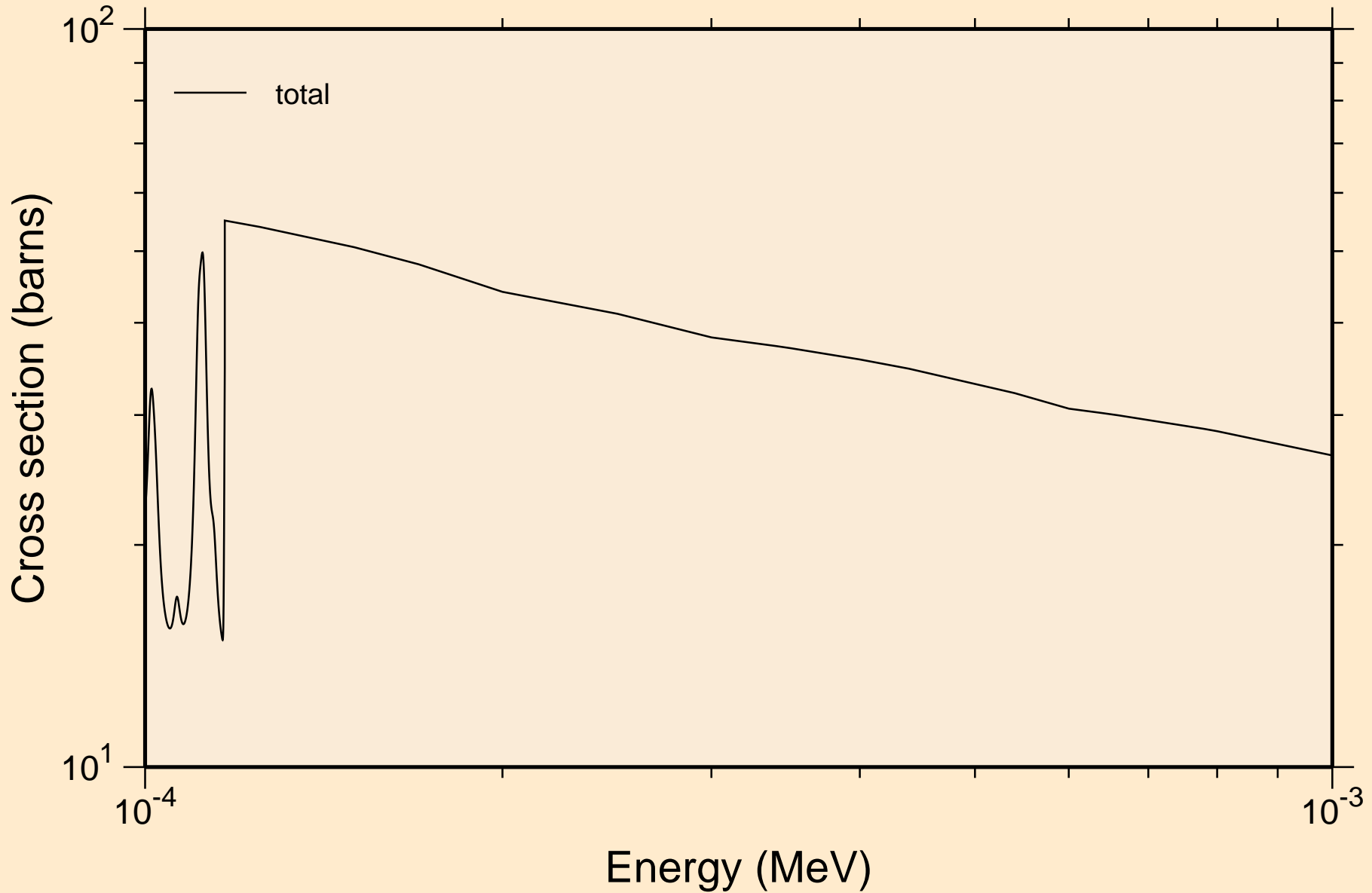


RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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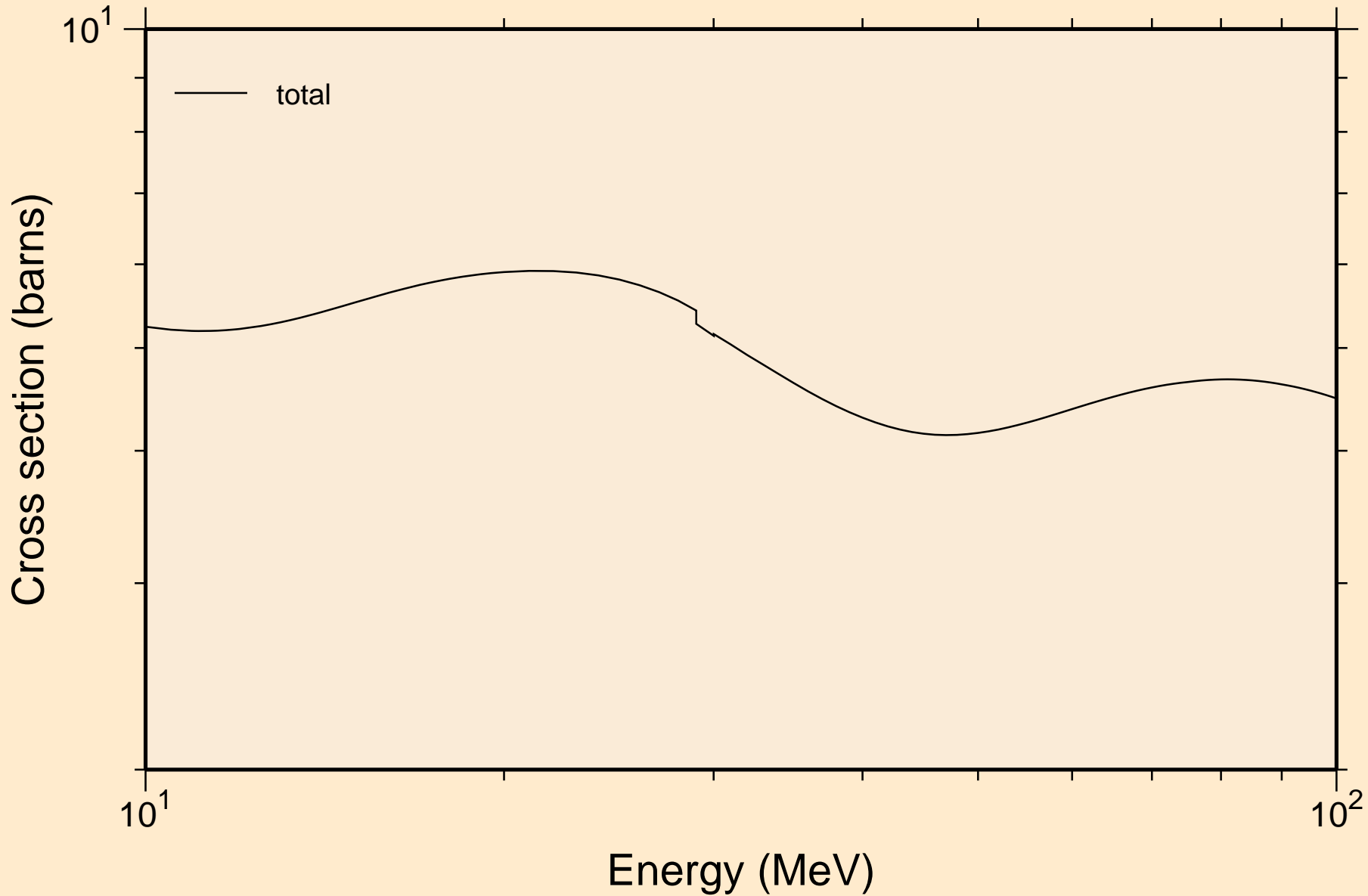




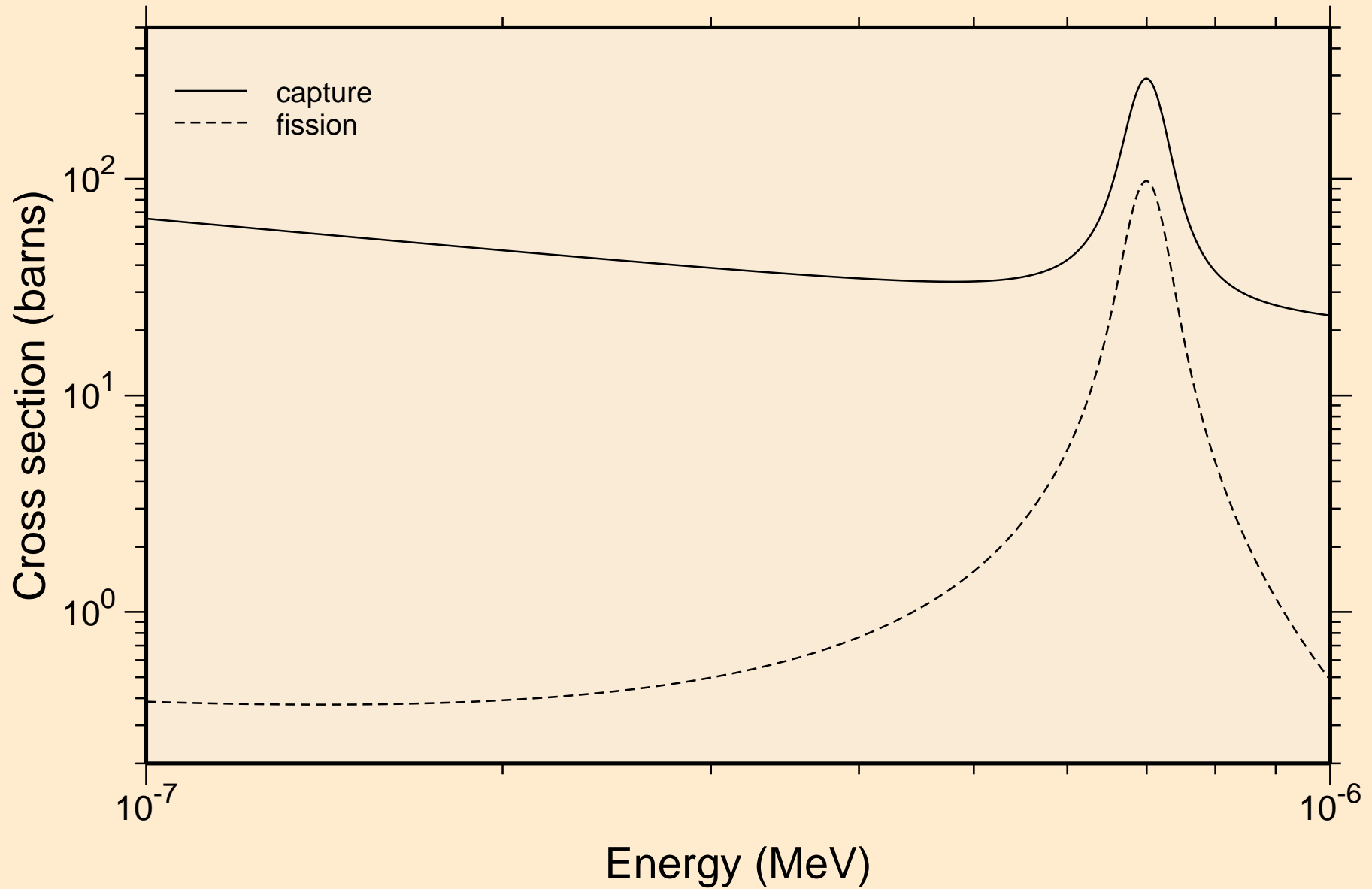
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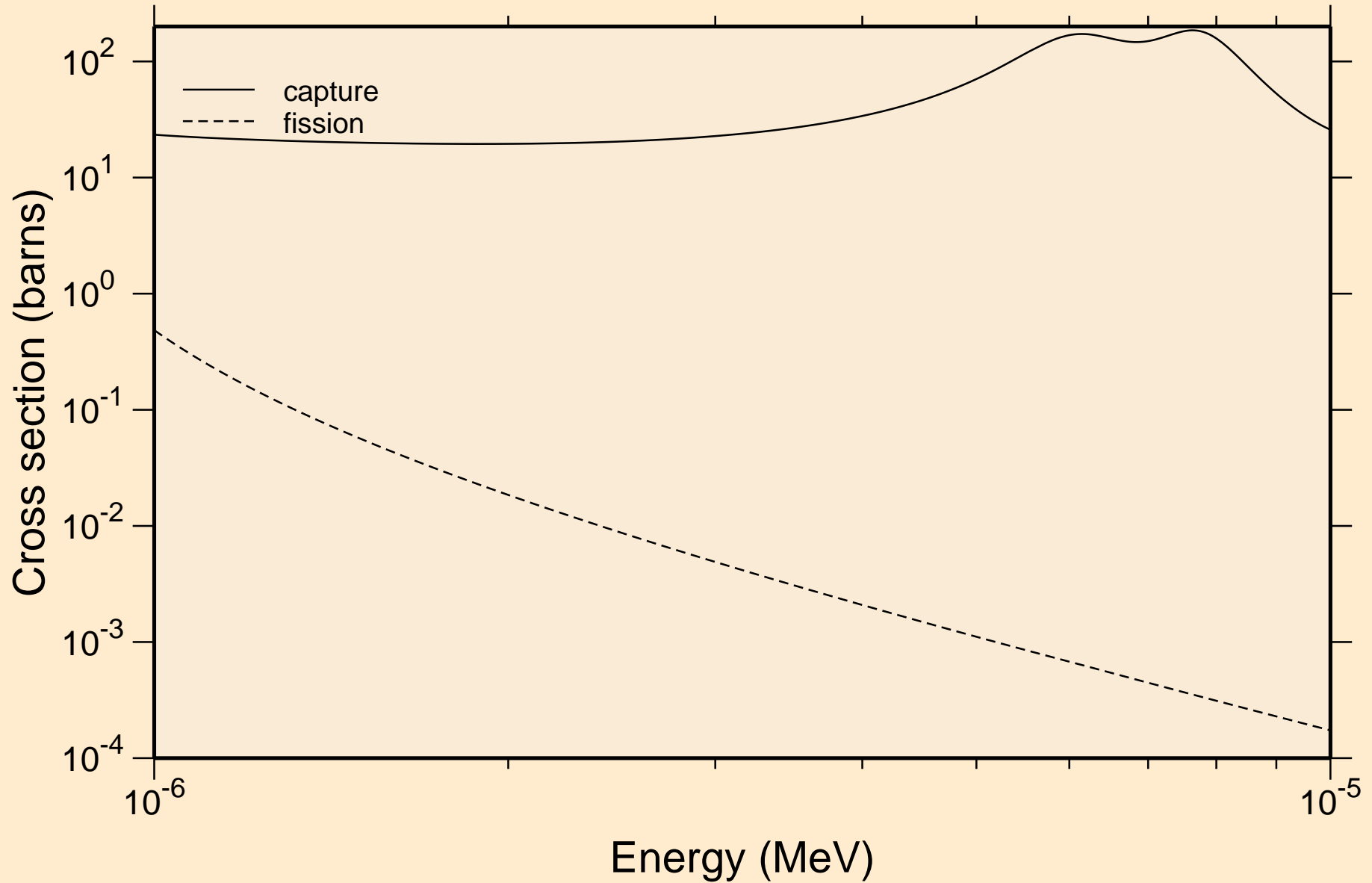
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resonance total cross section



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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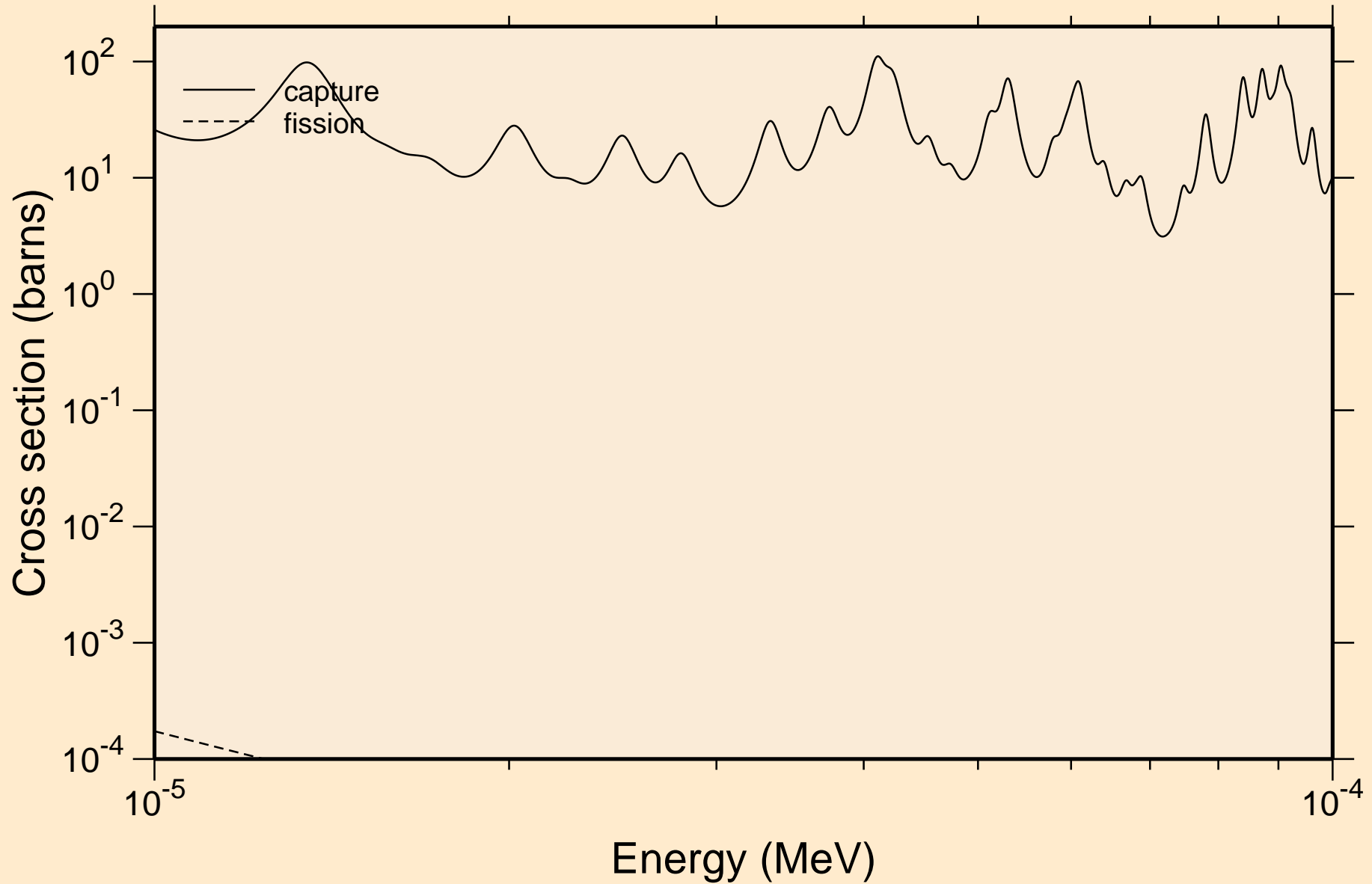


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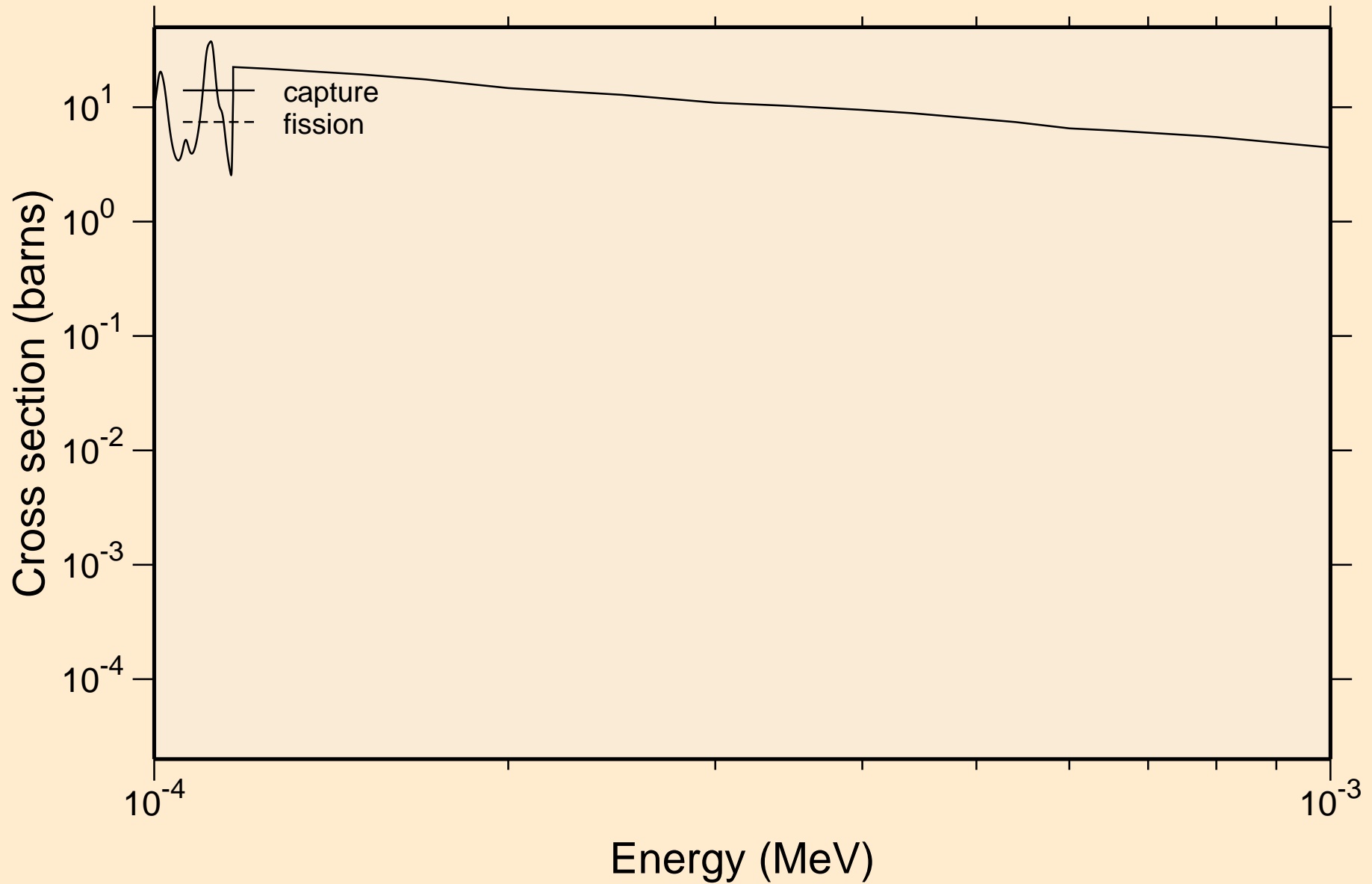




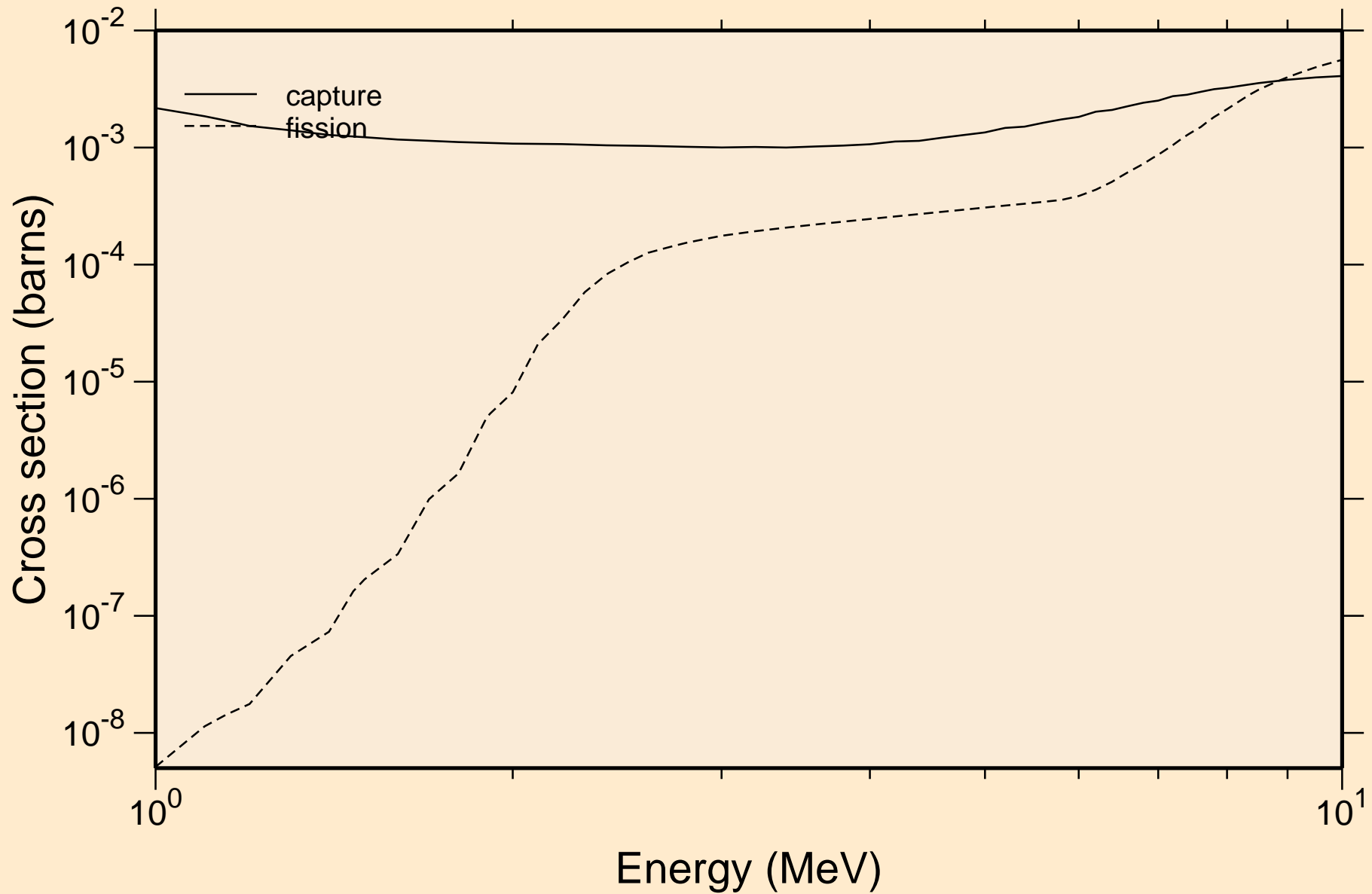
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resonance absorption cross sections



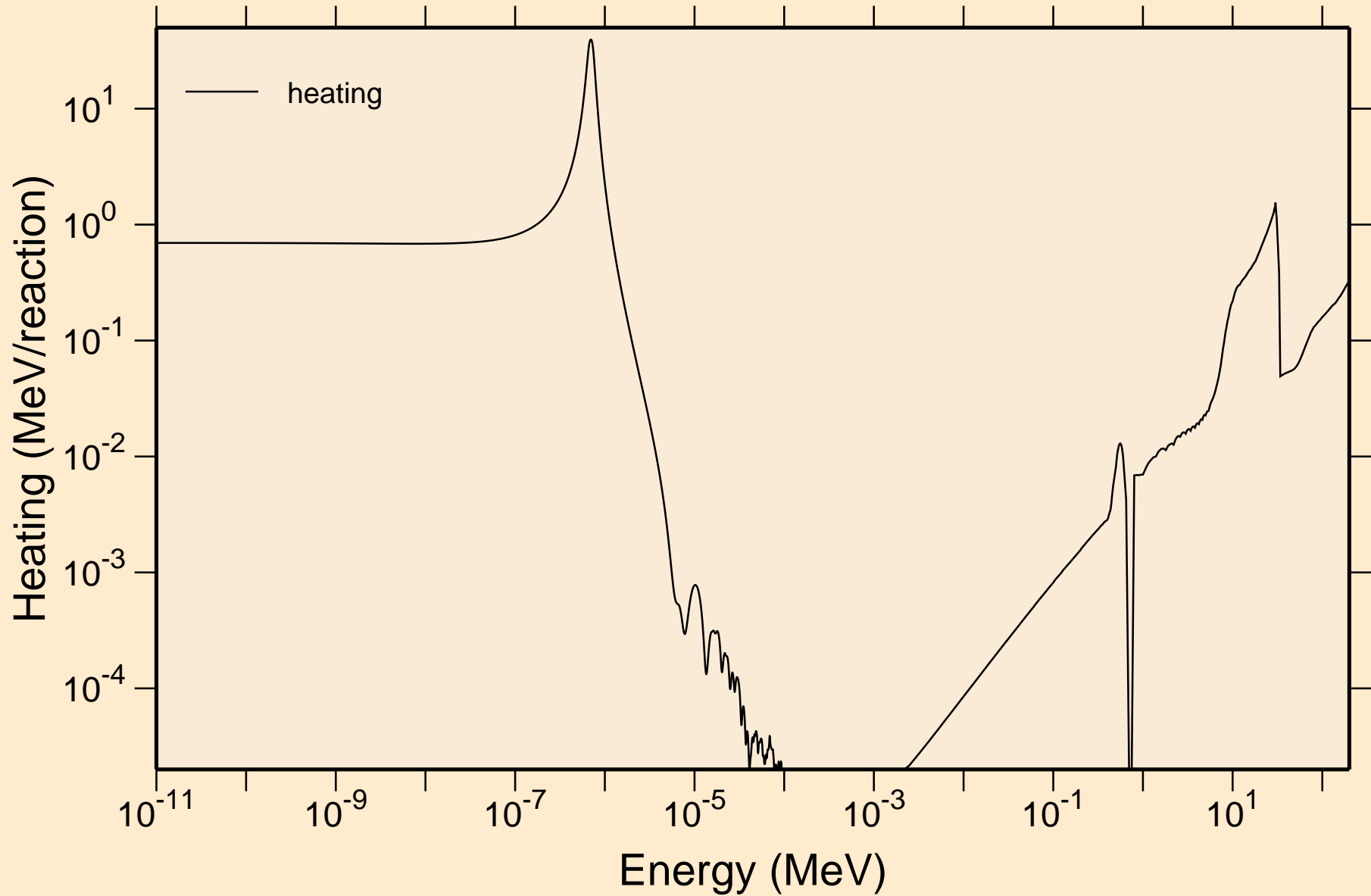
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resonance absorption cross sections



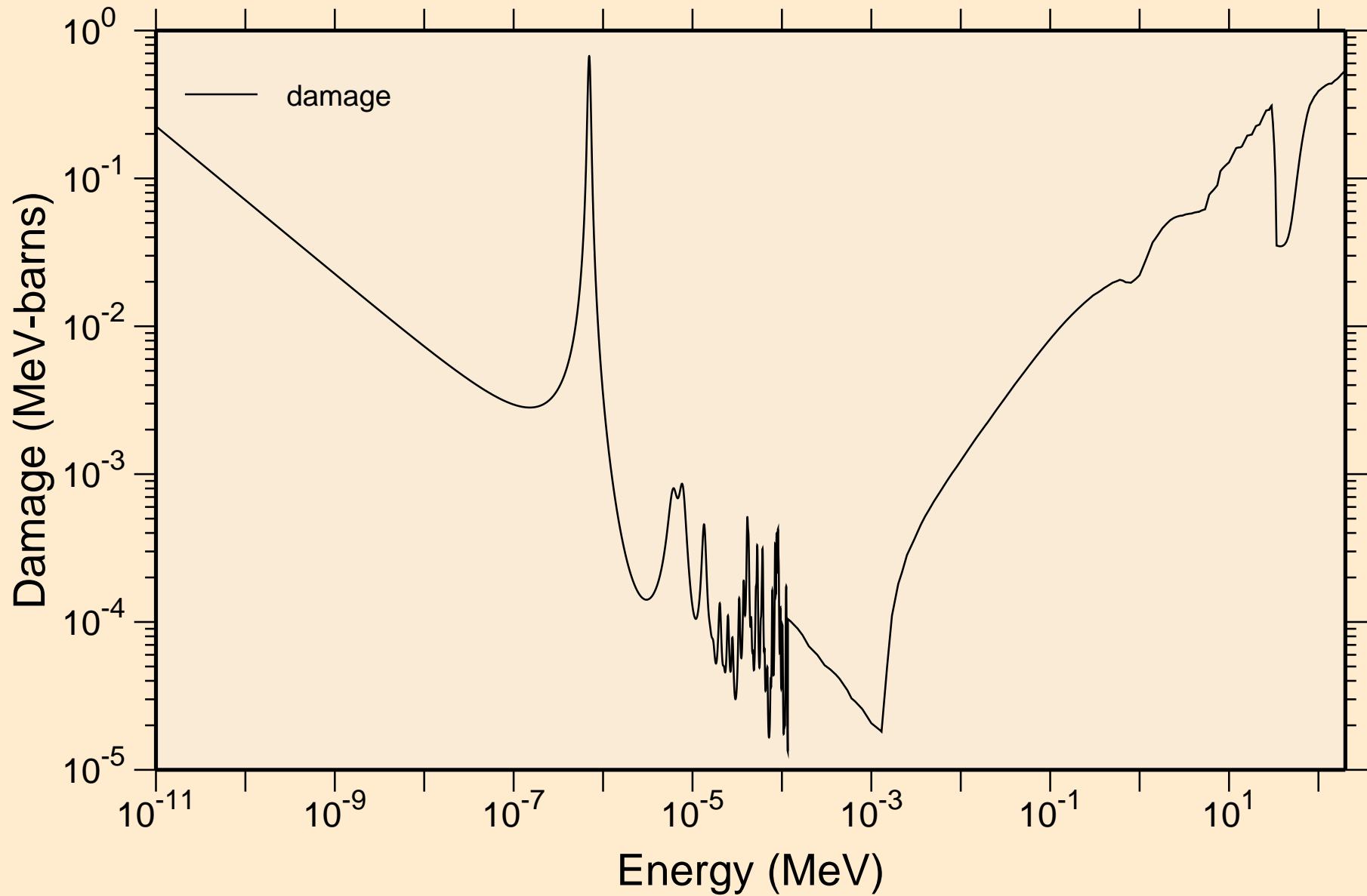
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resonance absorption cross sections



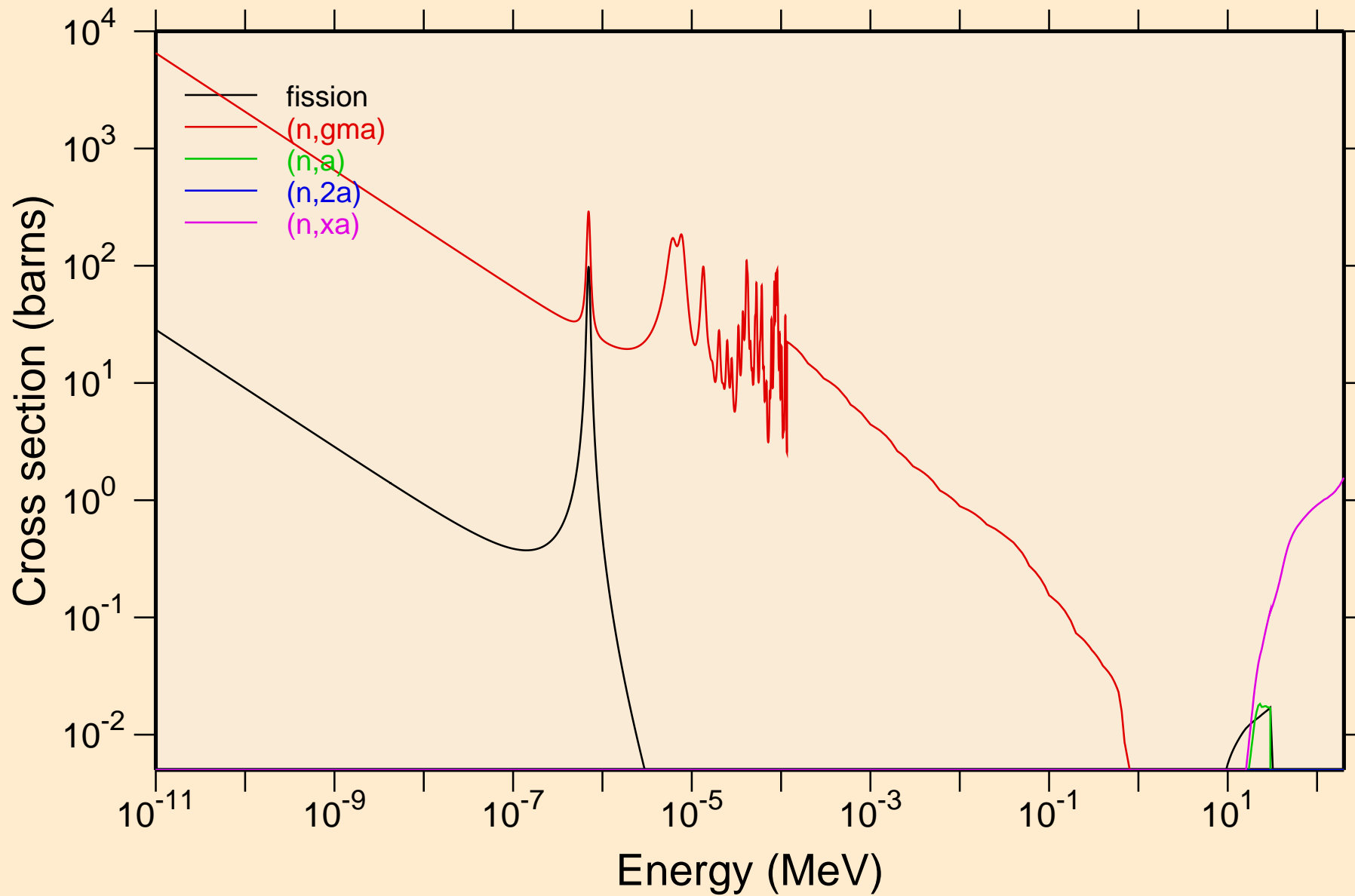
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

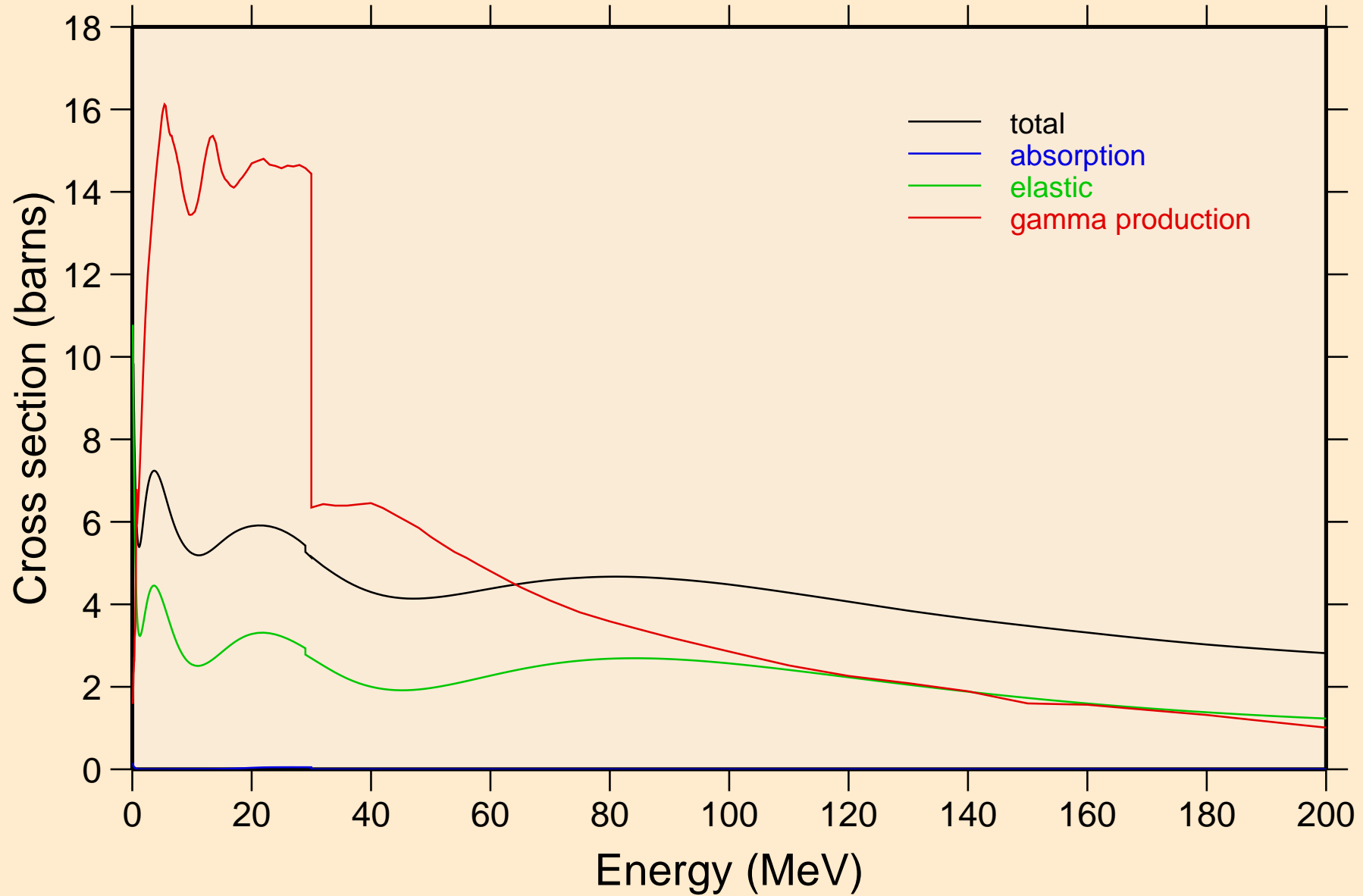


RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

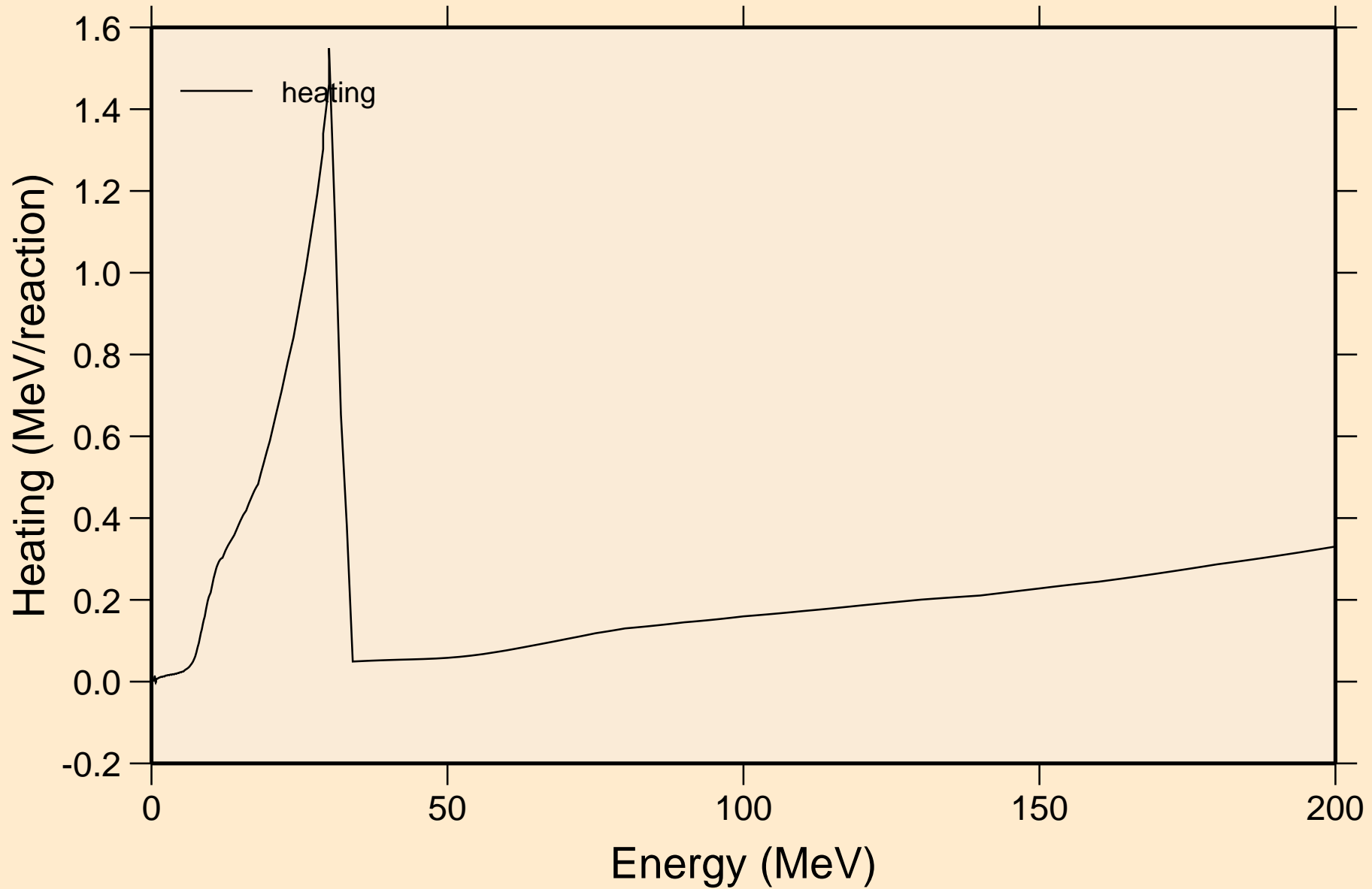


# RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

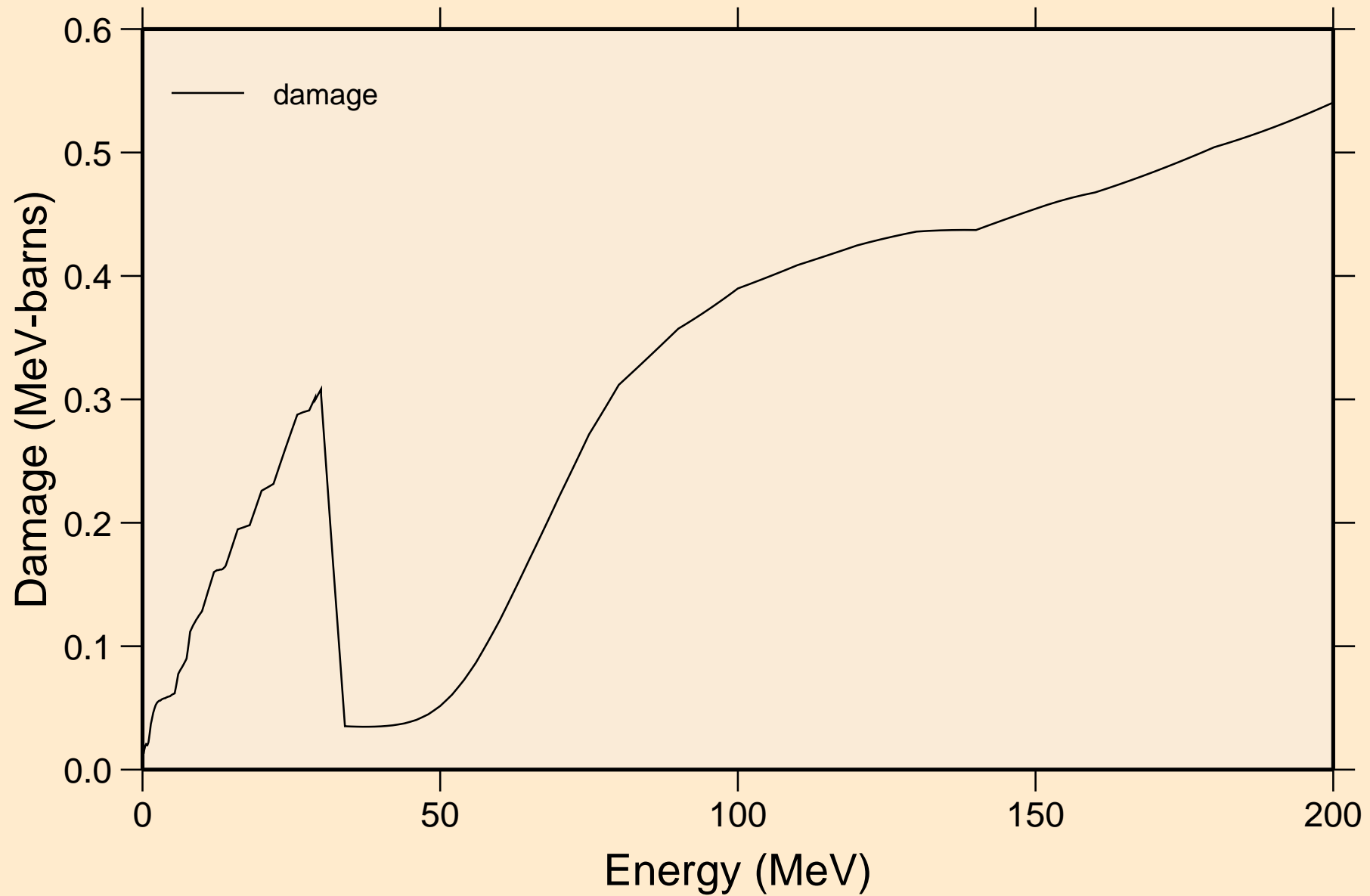


RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

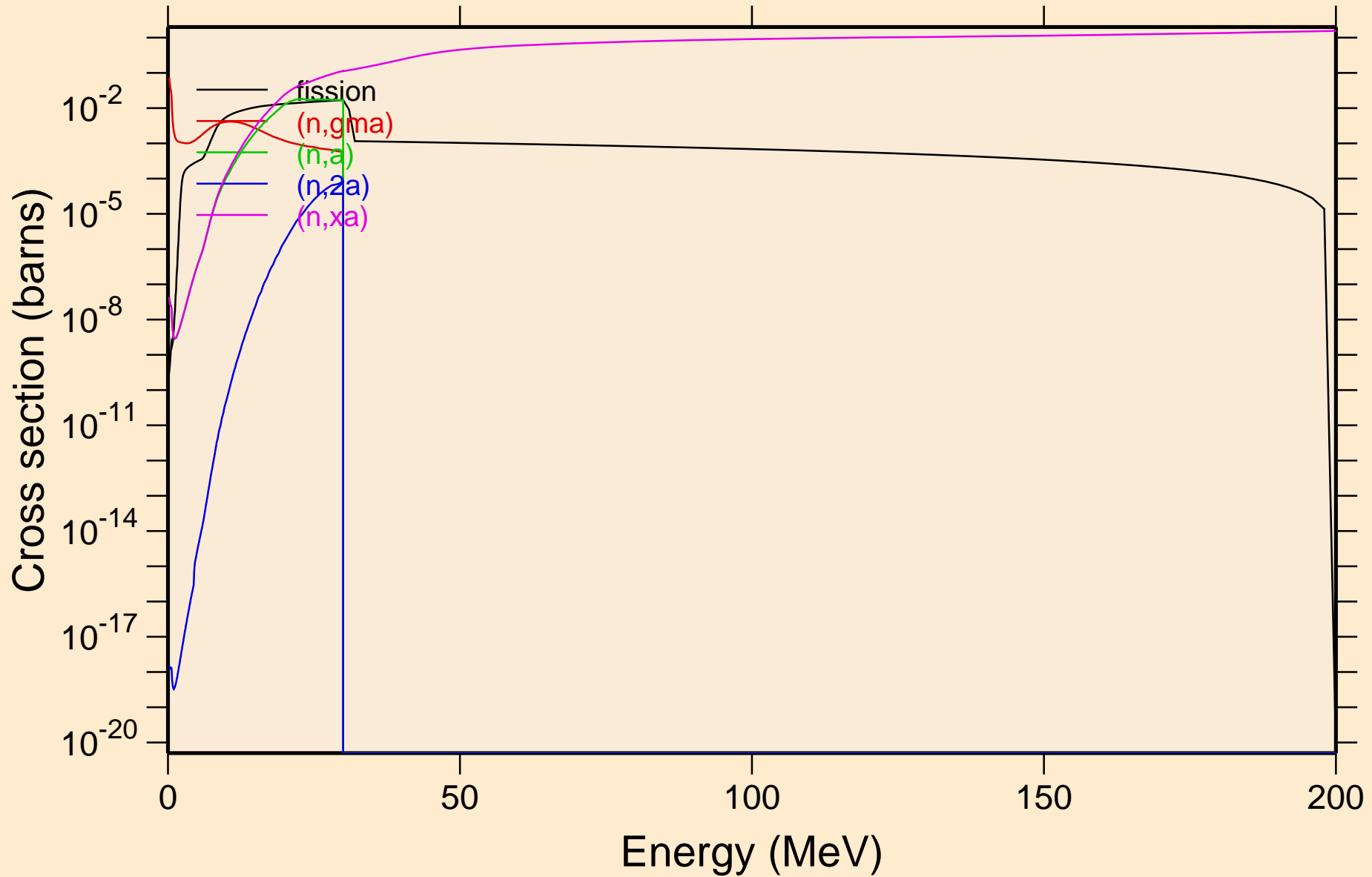




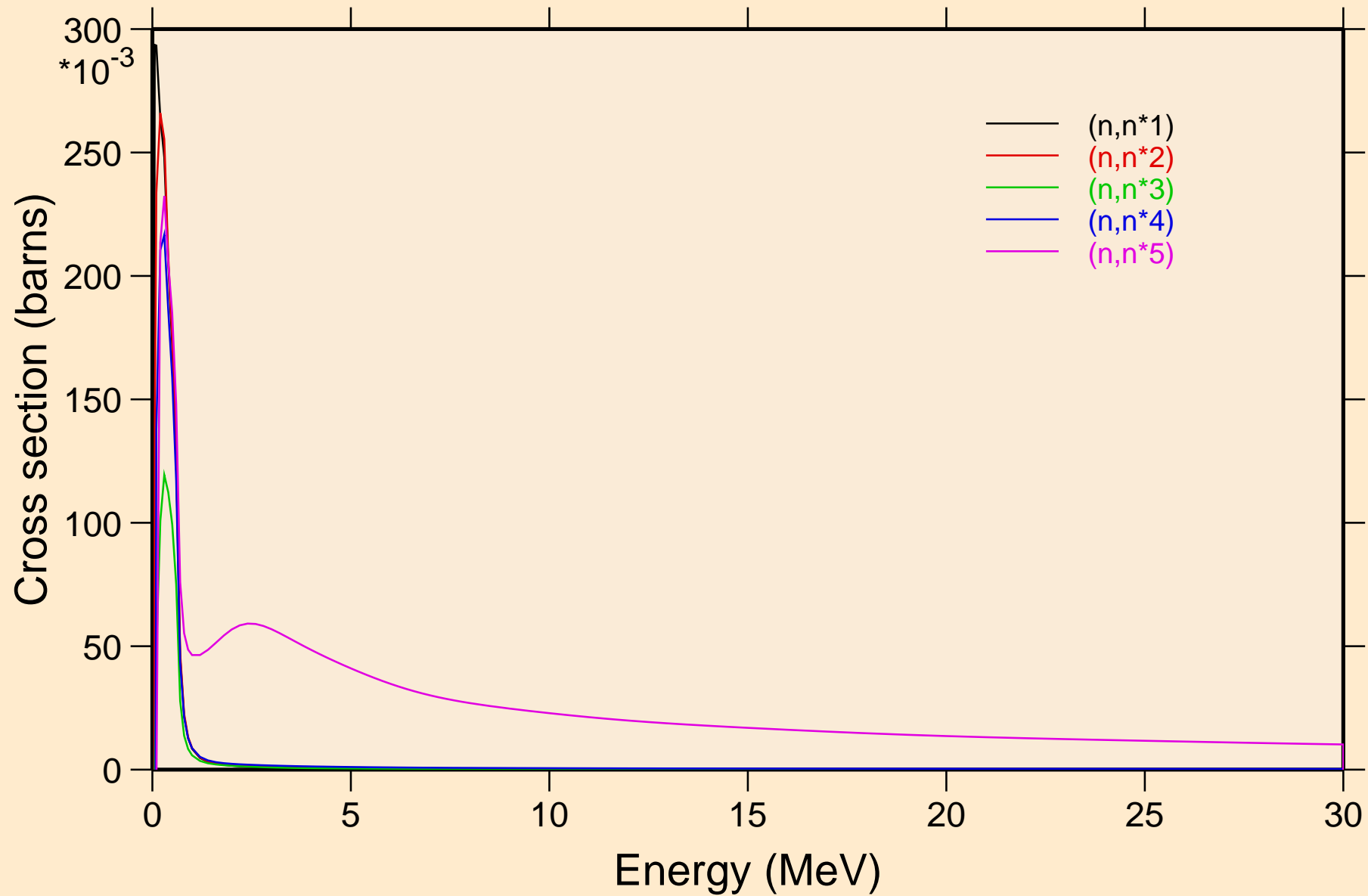
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Damage



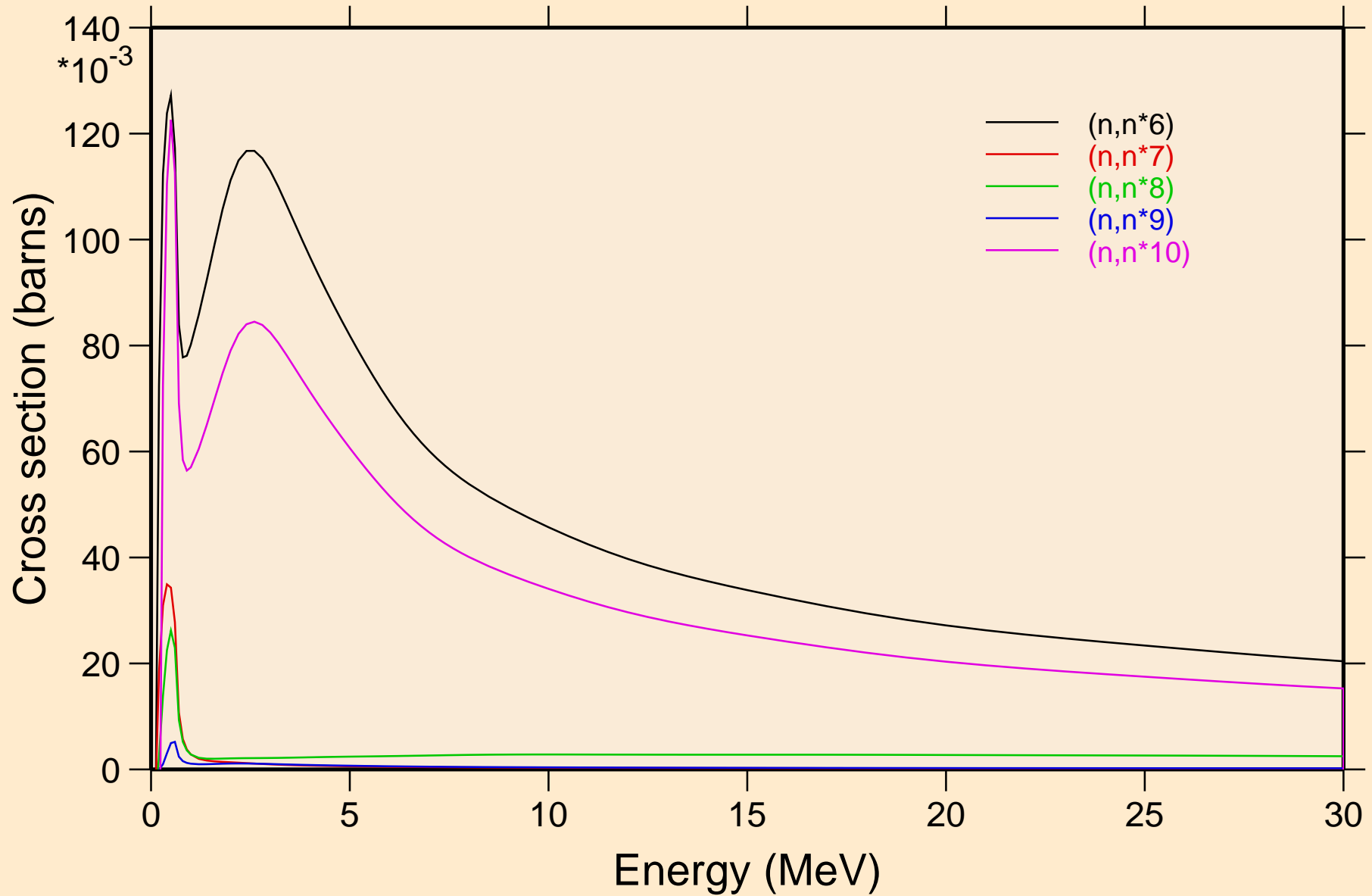
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Non-threshold reactions



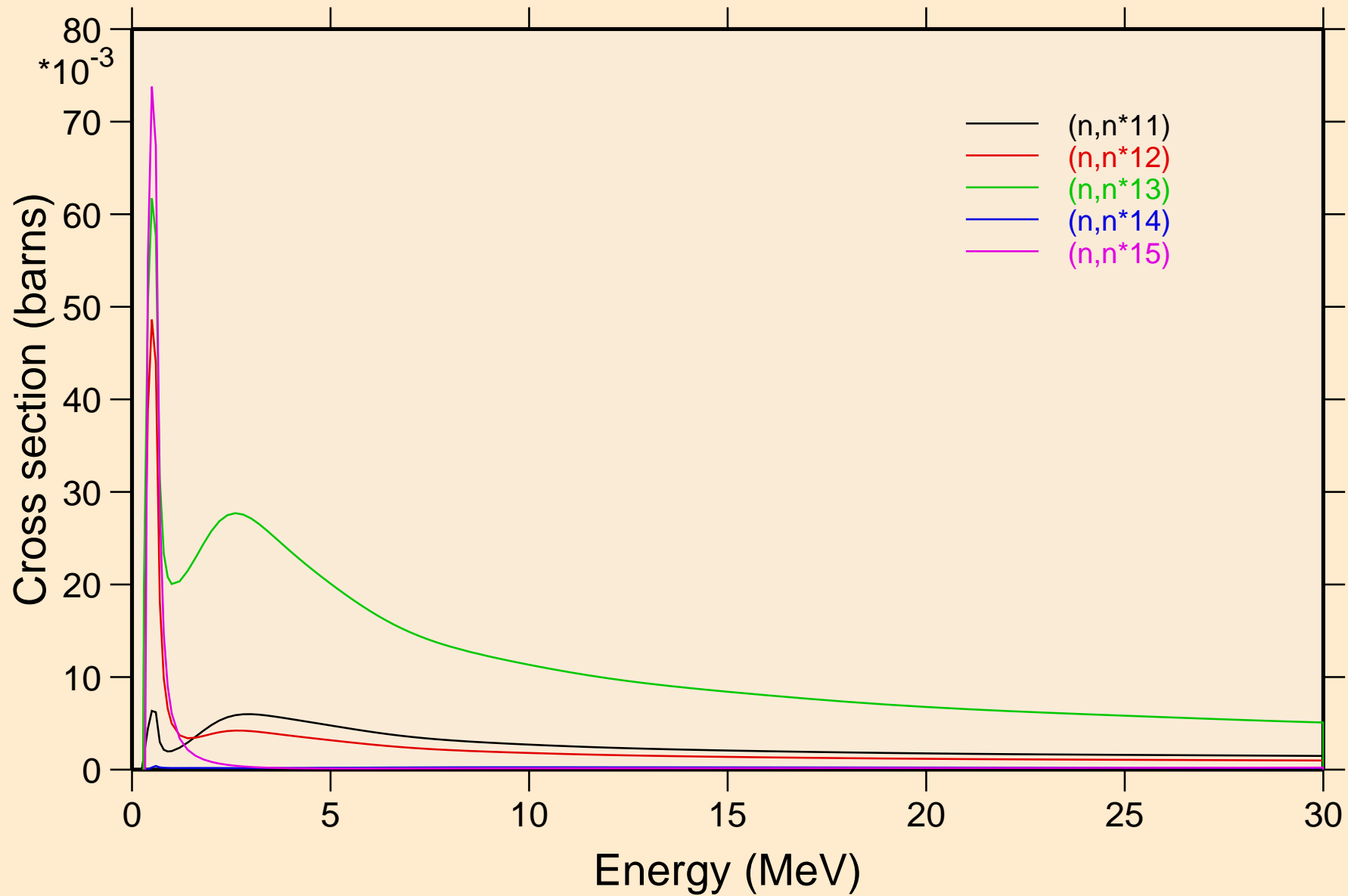
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Inelastic levels



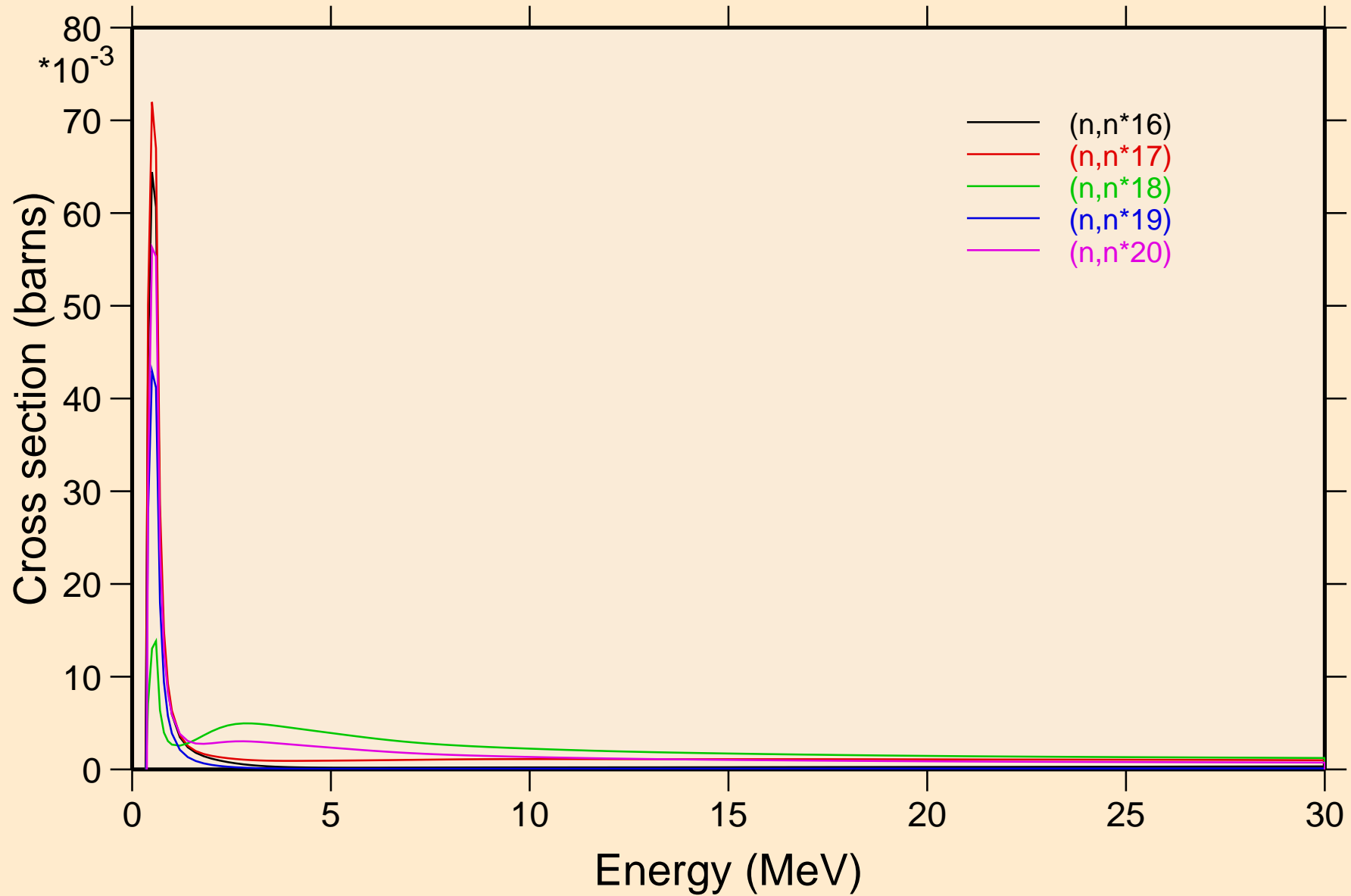
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Inelastic levels



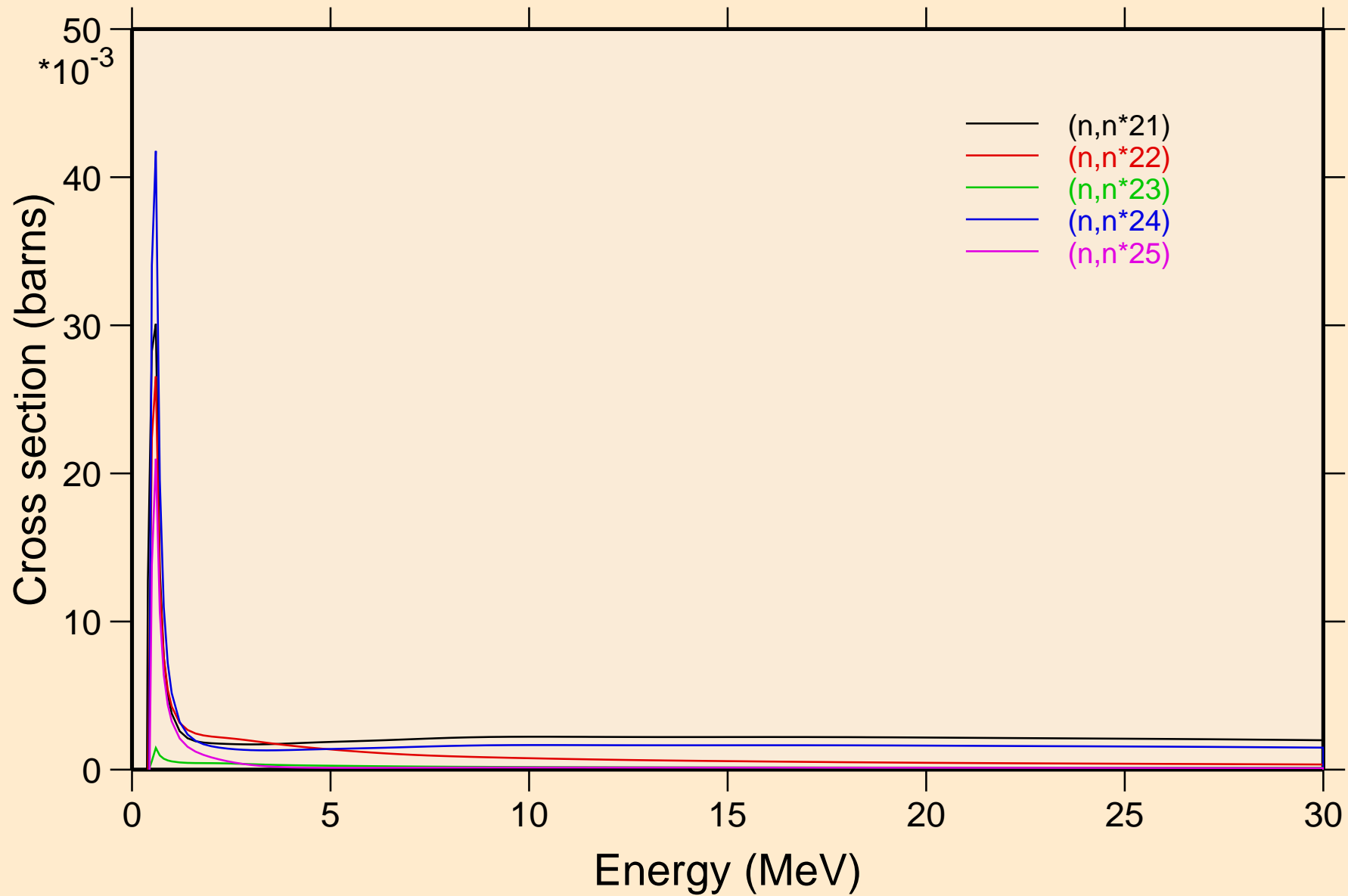
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



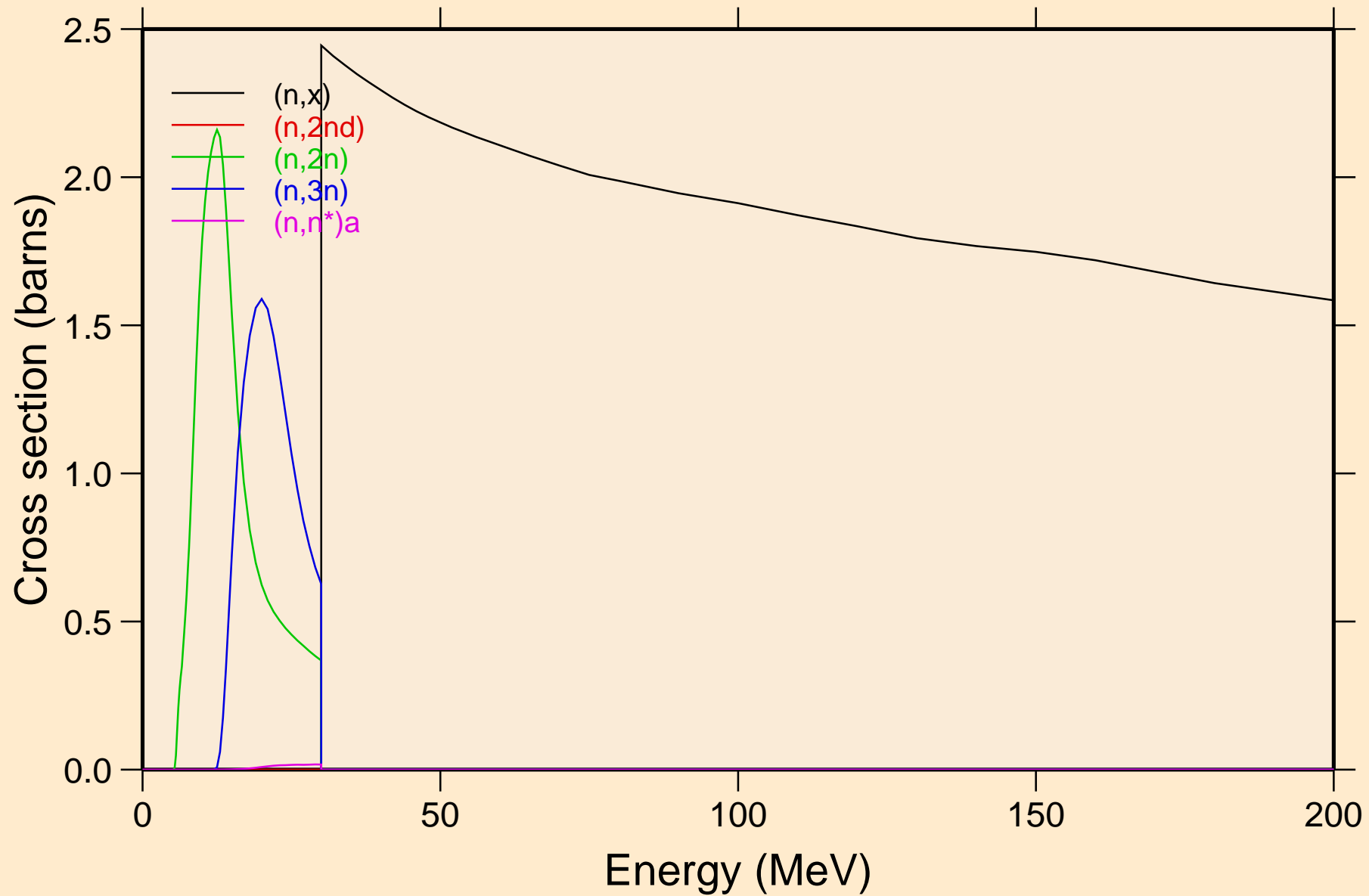
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

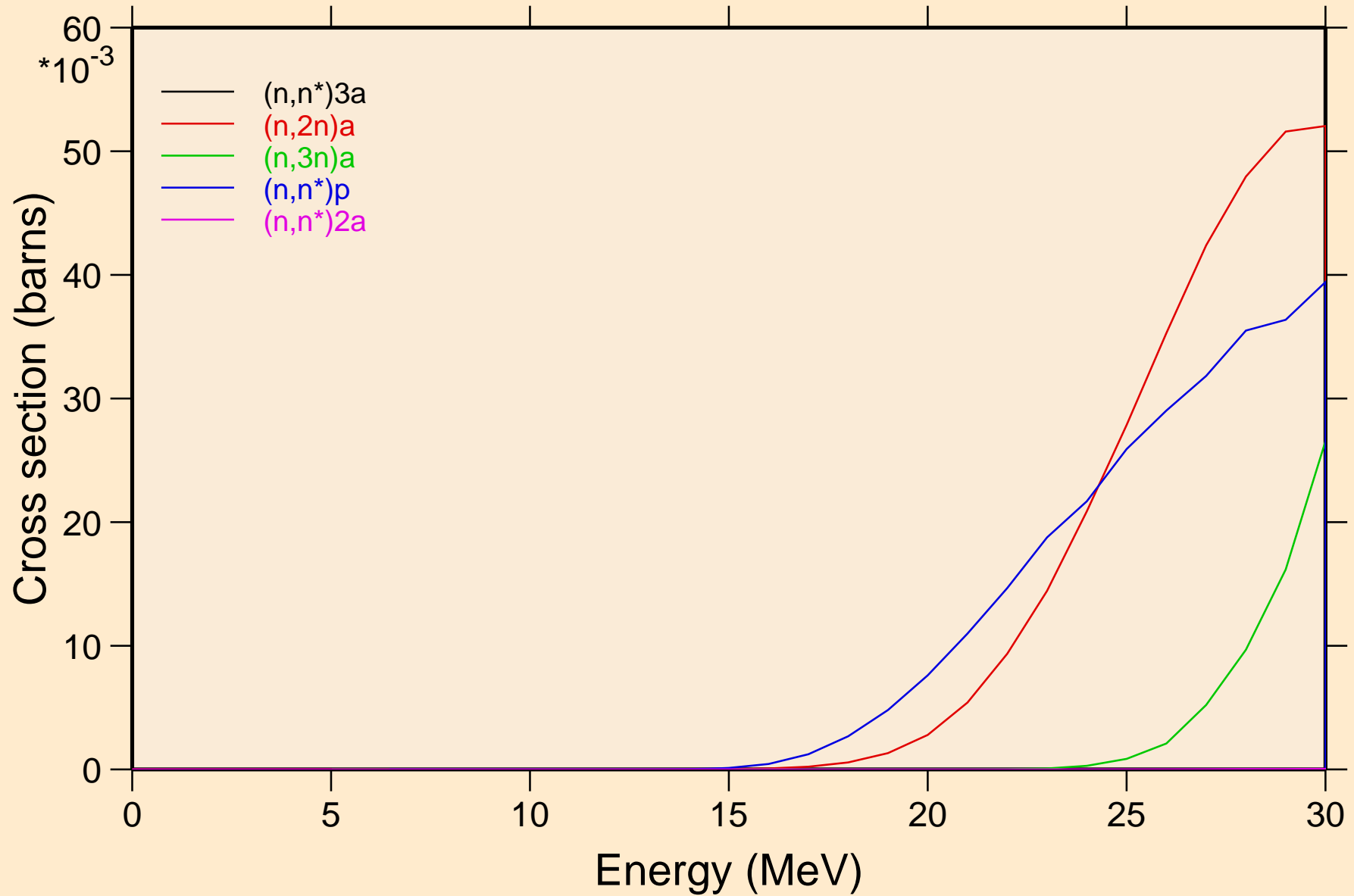


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Threshold reactions

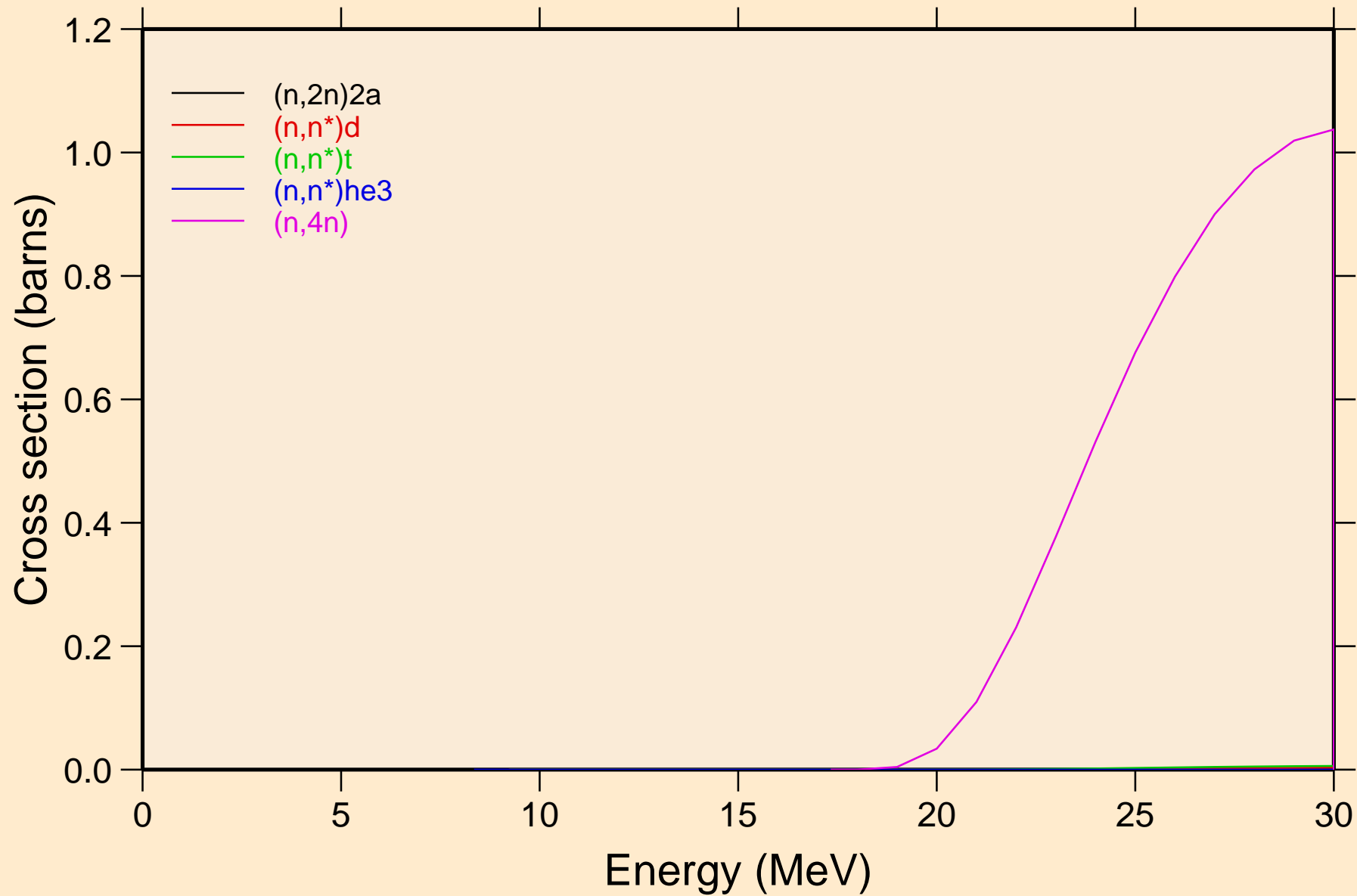




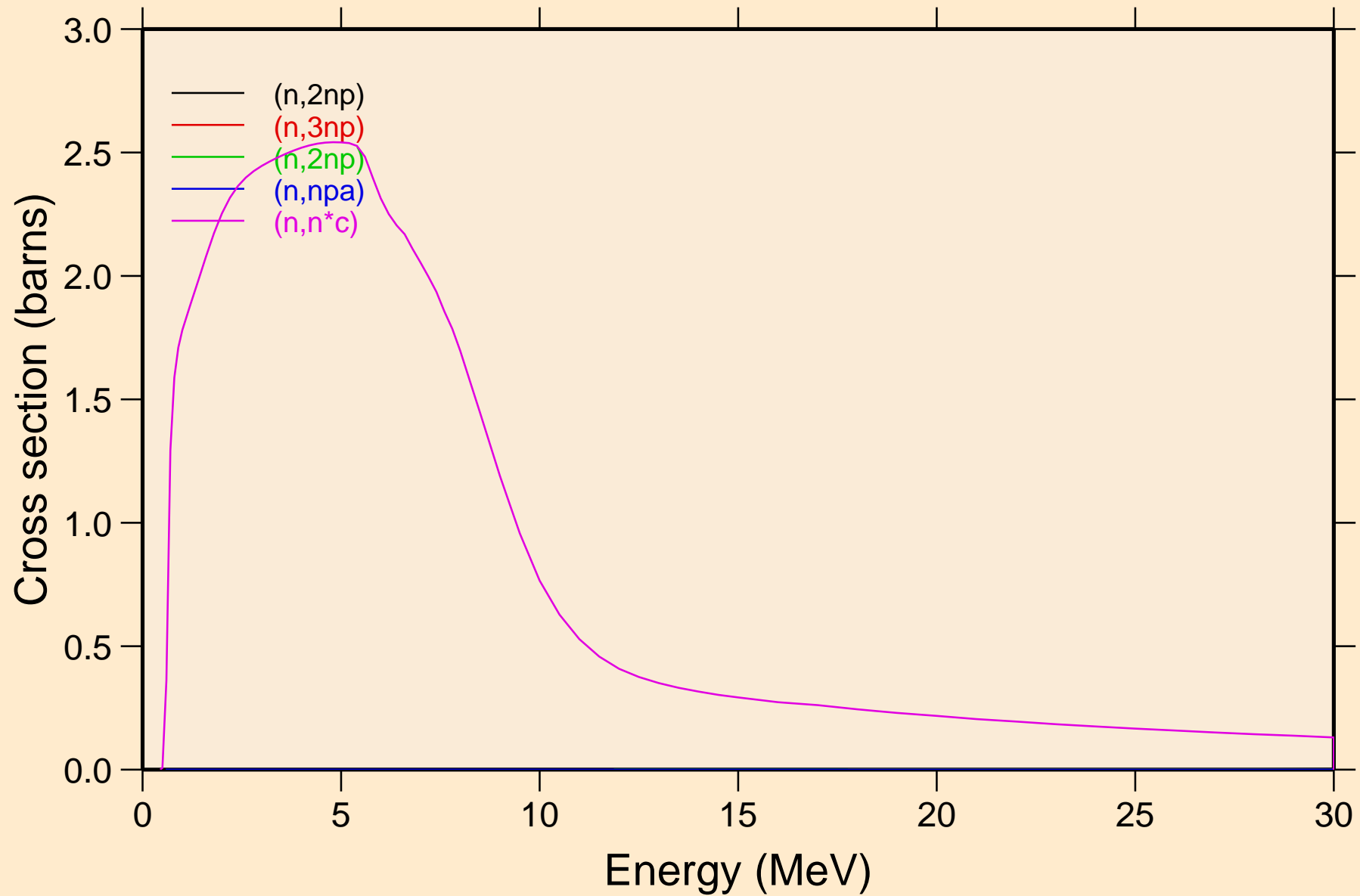
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Threshold reactions



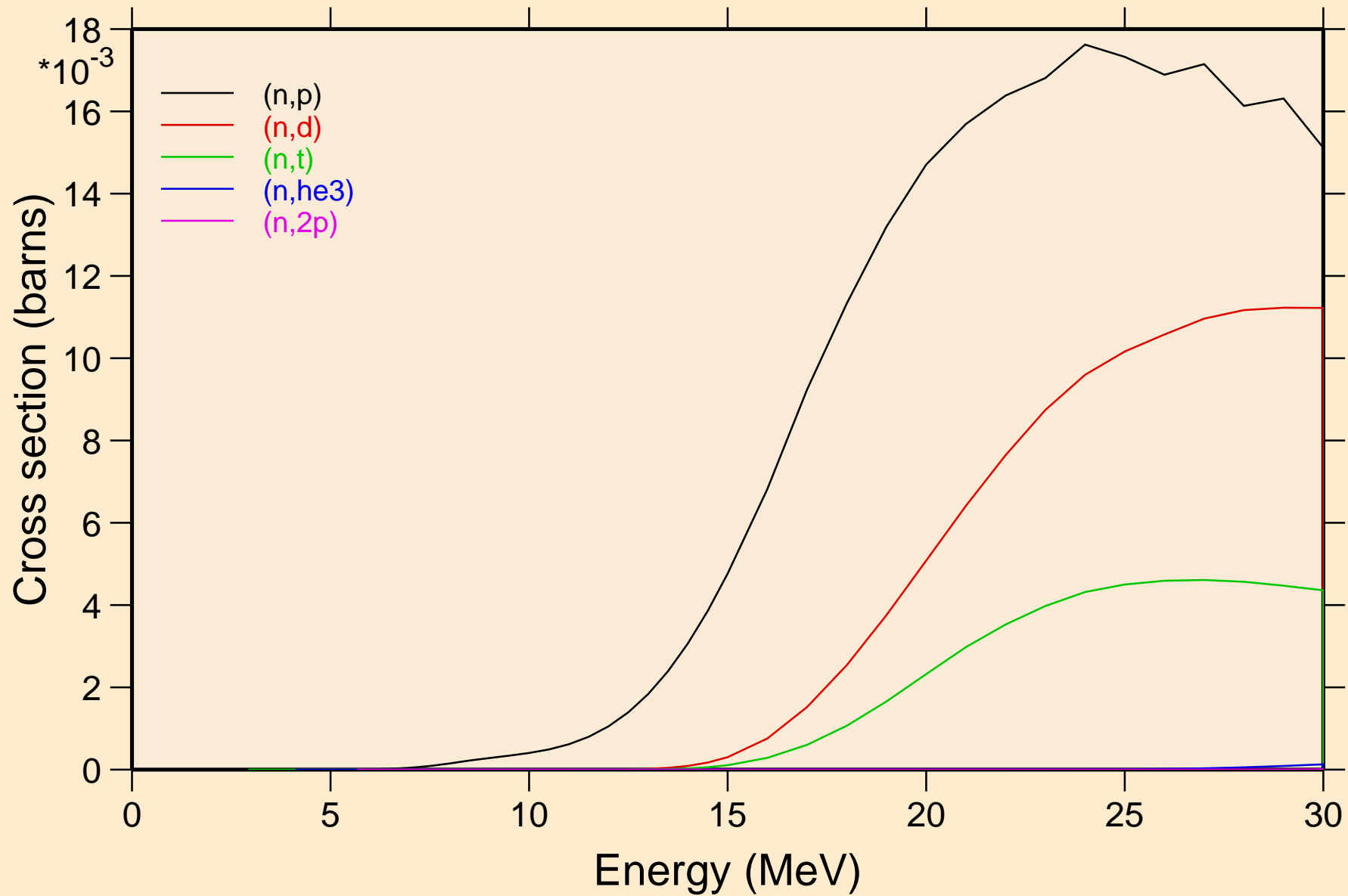
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Threshold reactions



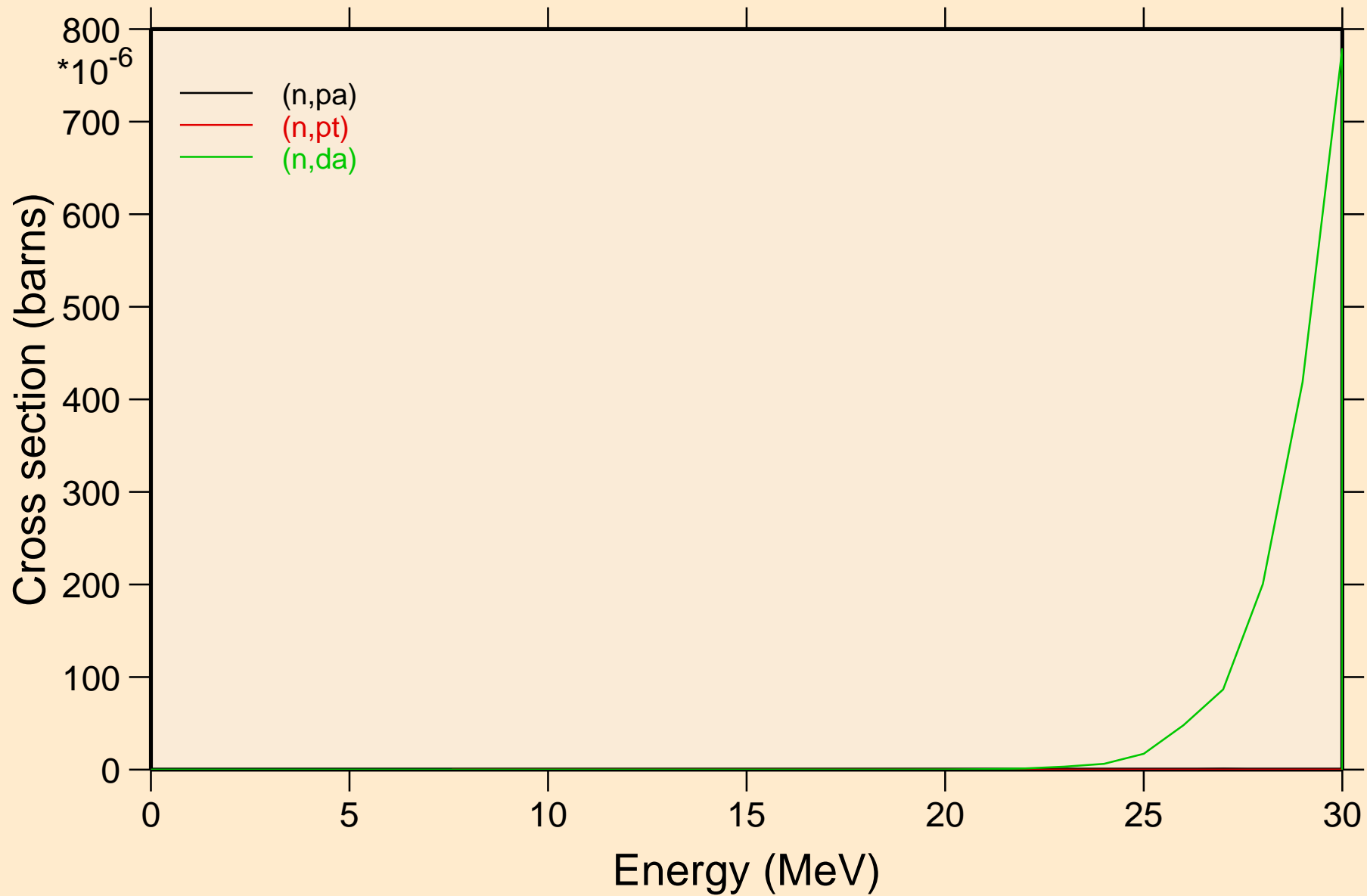
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Threshold reactions



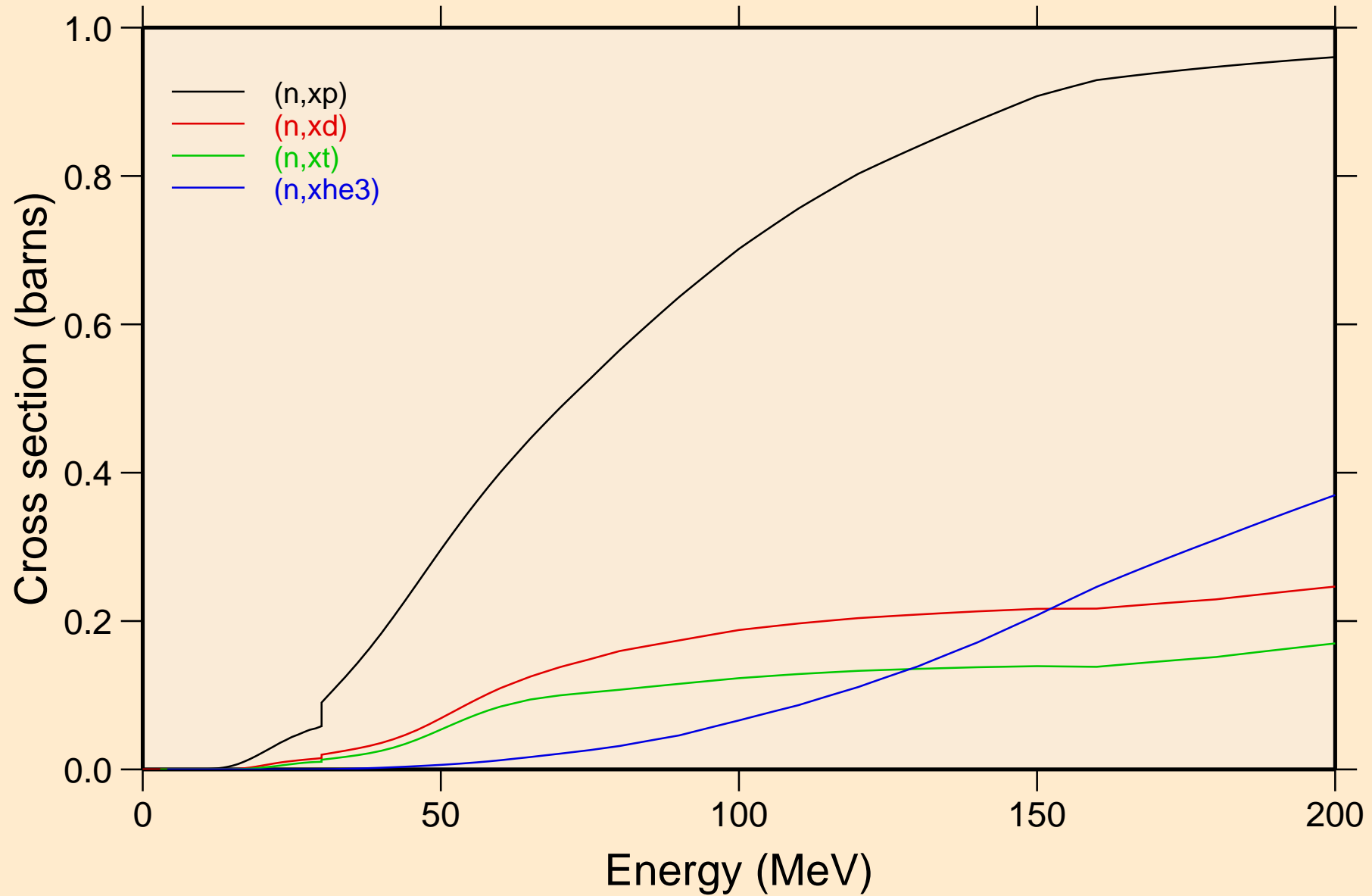
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Threshold reactions



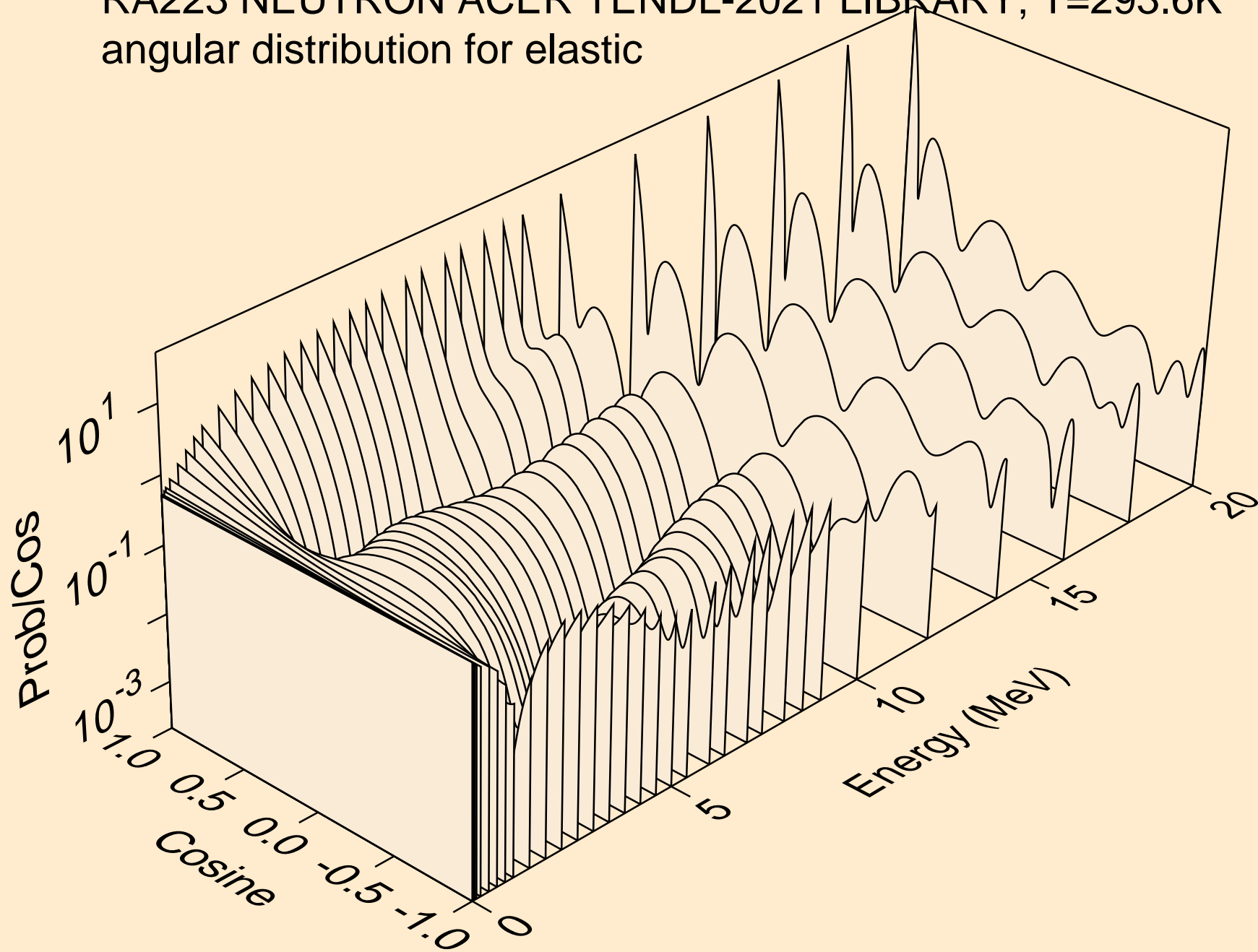
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Threshold reactions



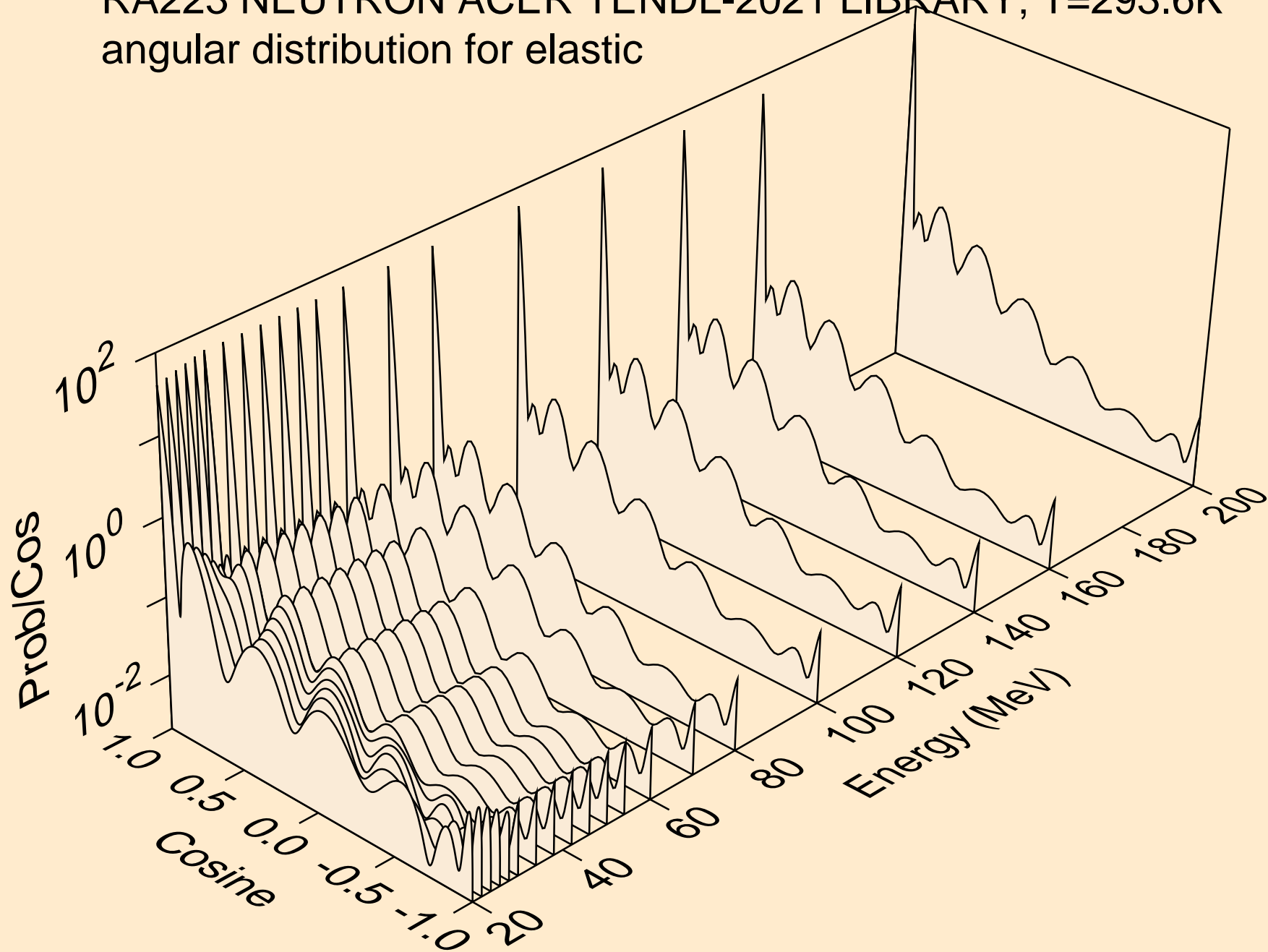
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

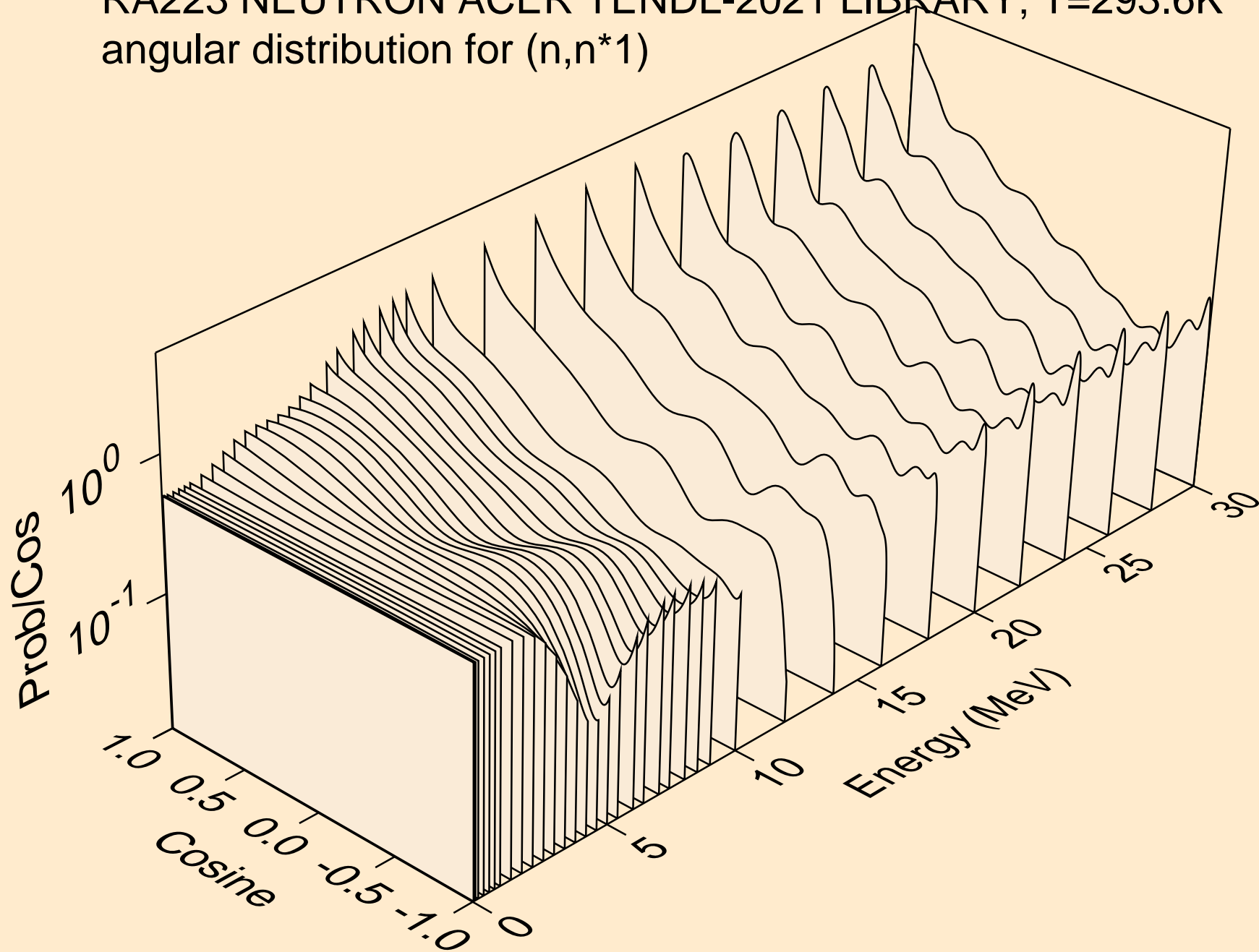


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angular distribution for elastic

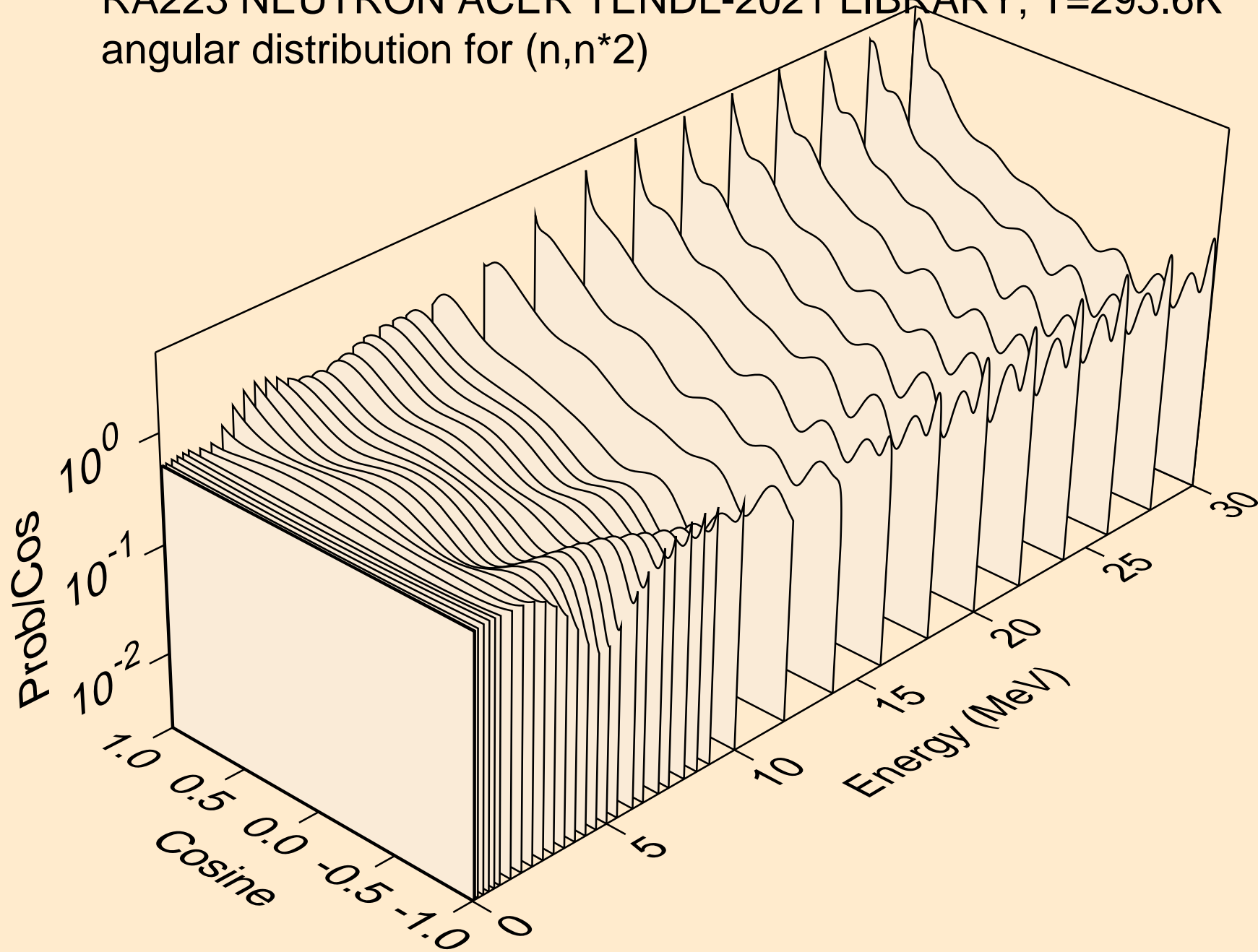




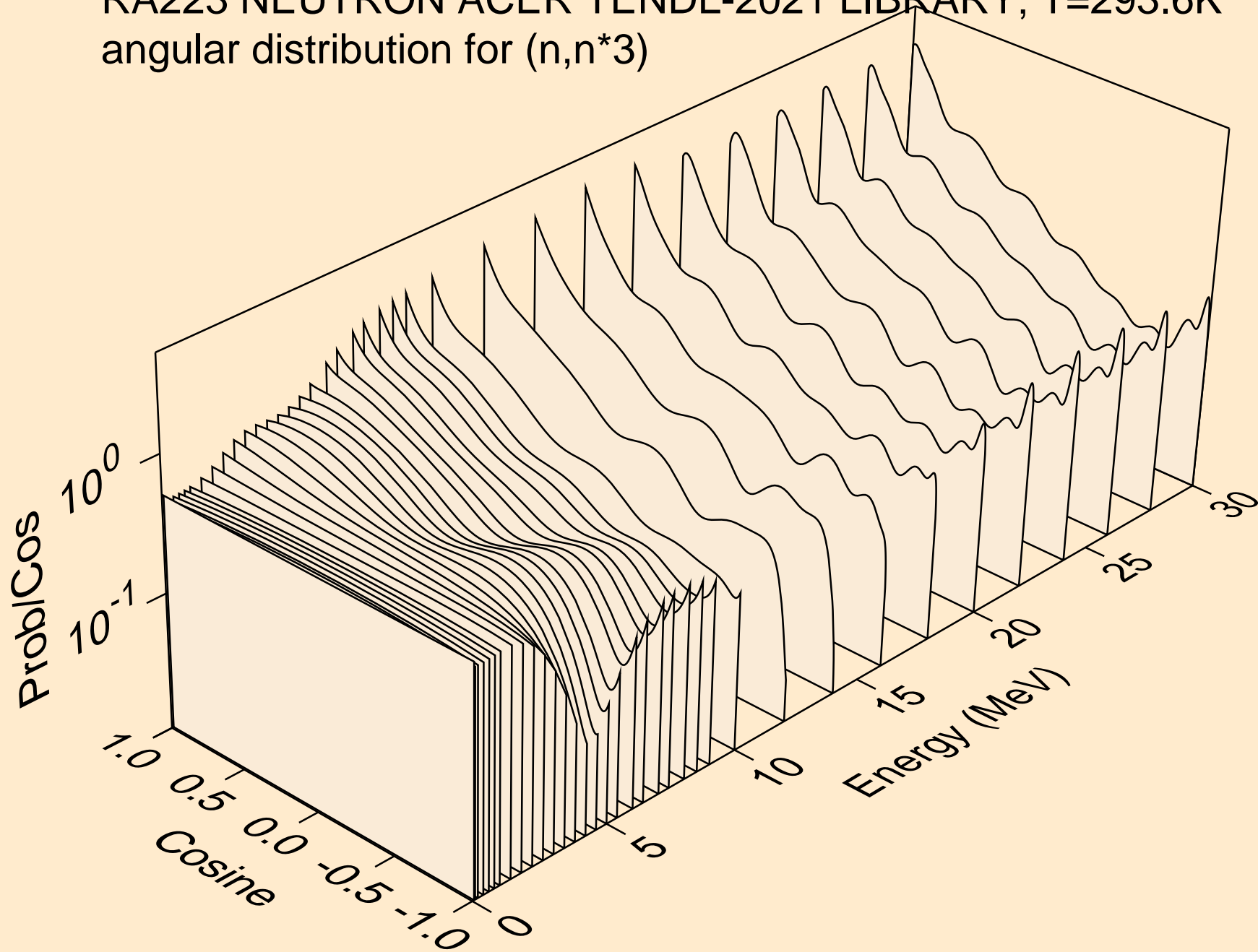
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angular distribution for (n,n\*1)



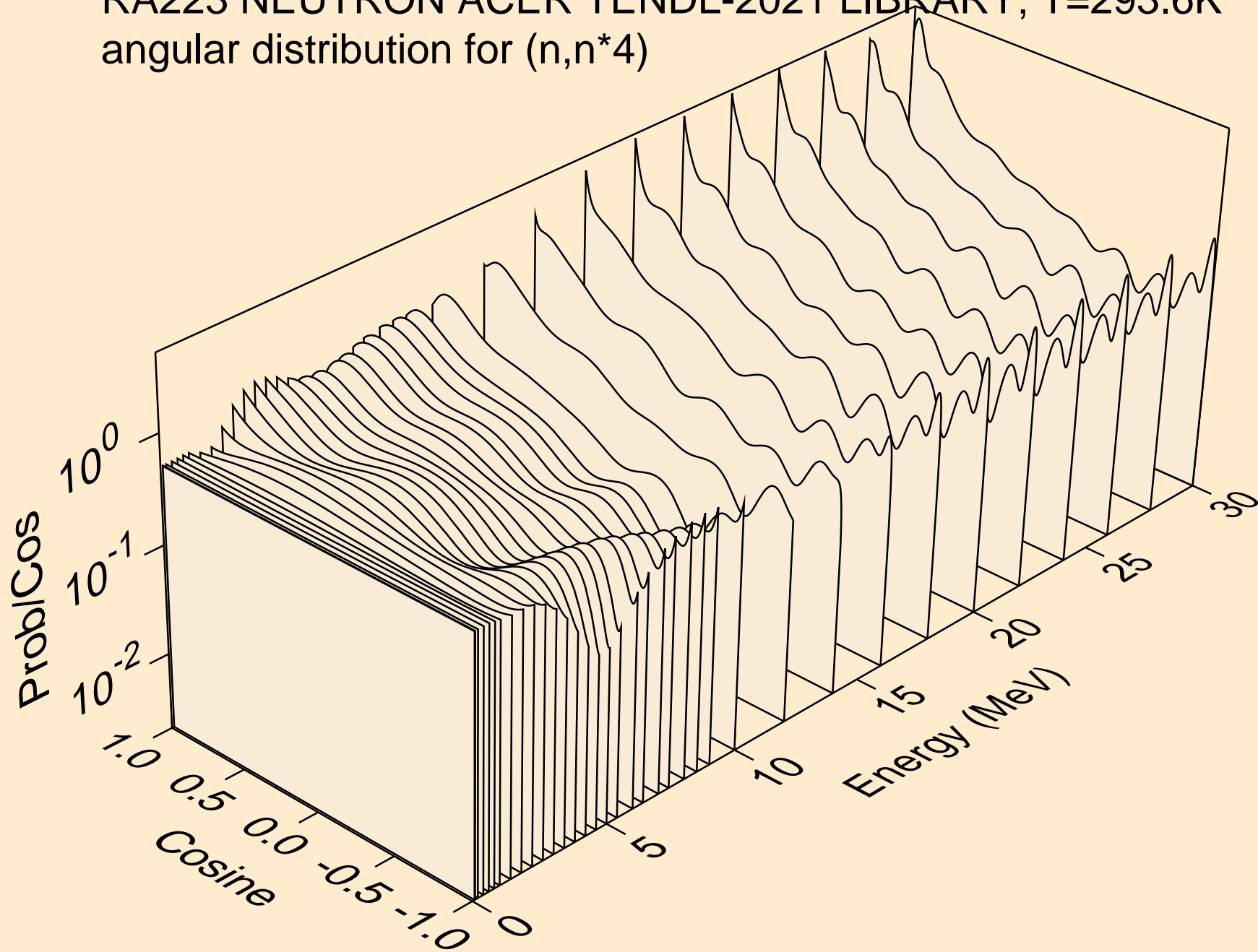
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angular distribution for (n,n\*2)



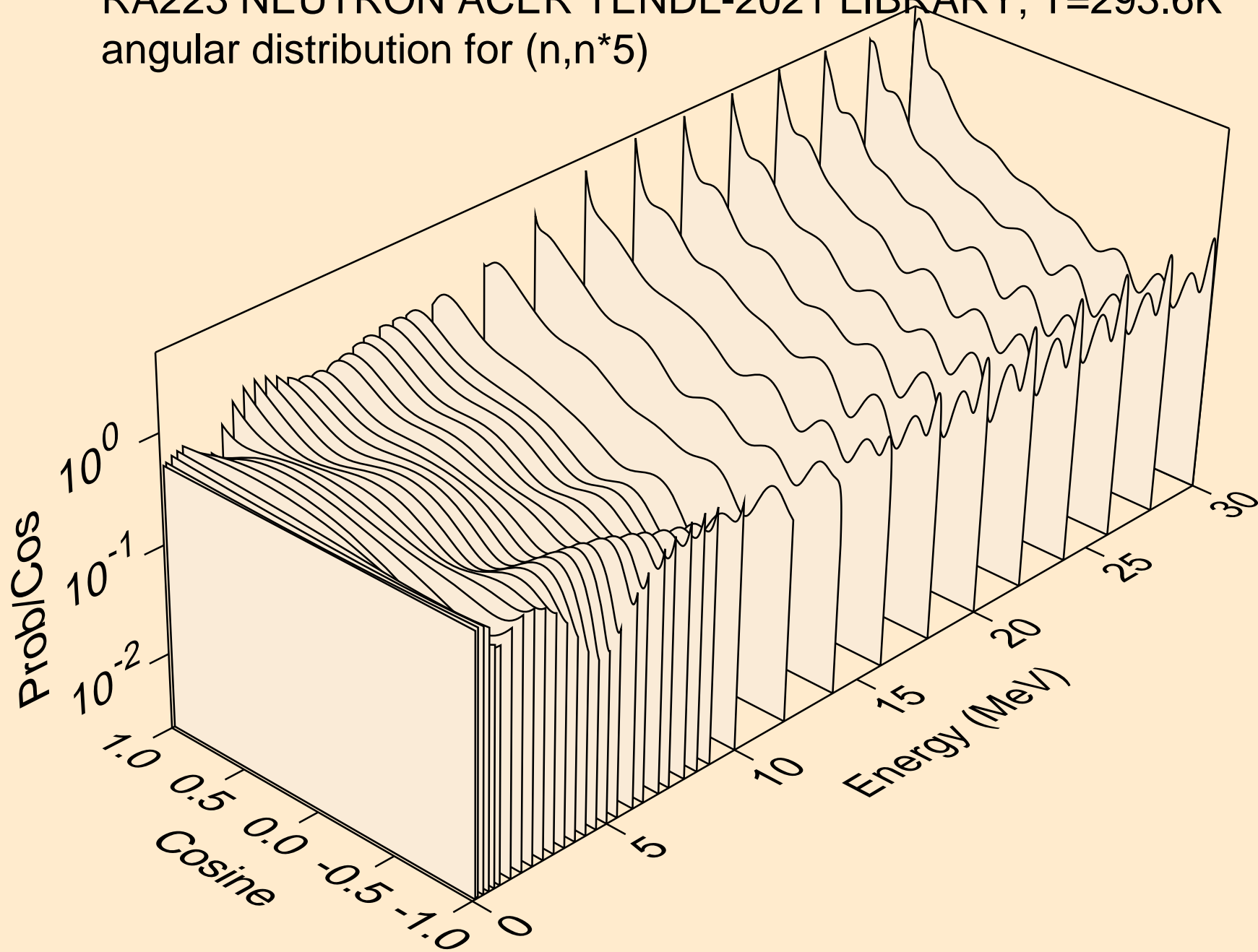
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angular distribution for (n,n\*3)



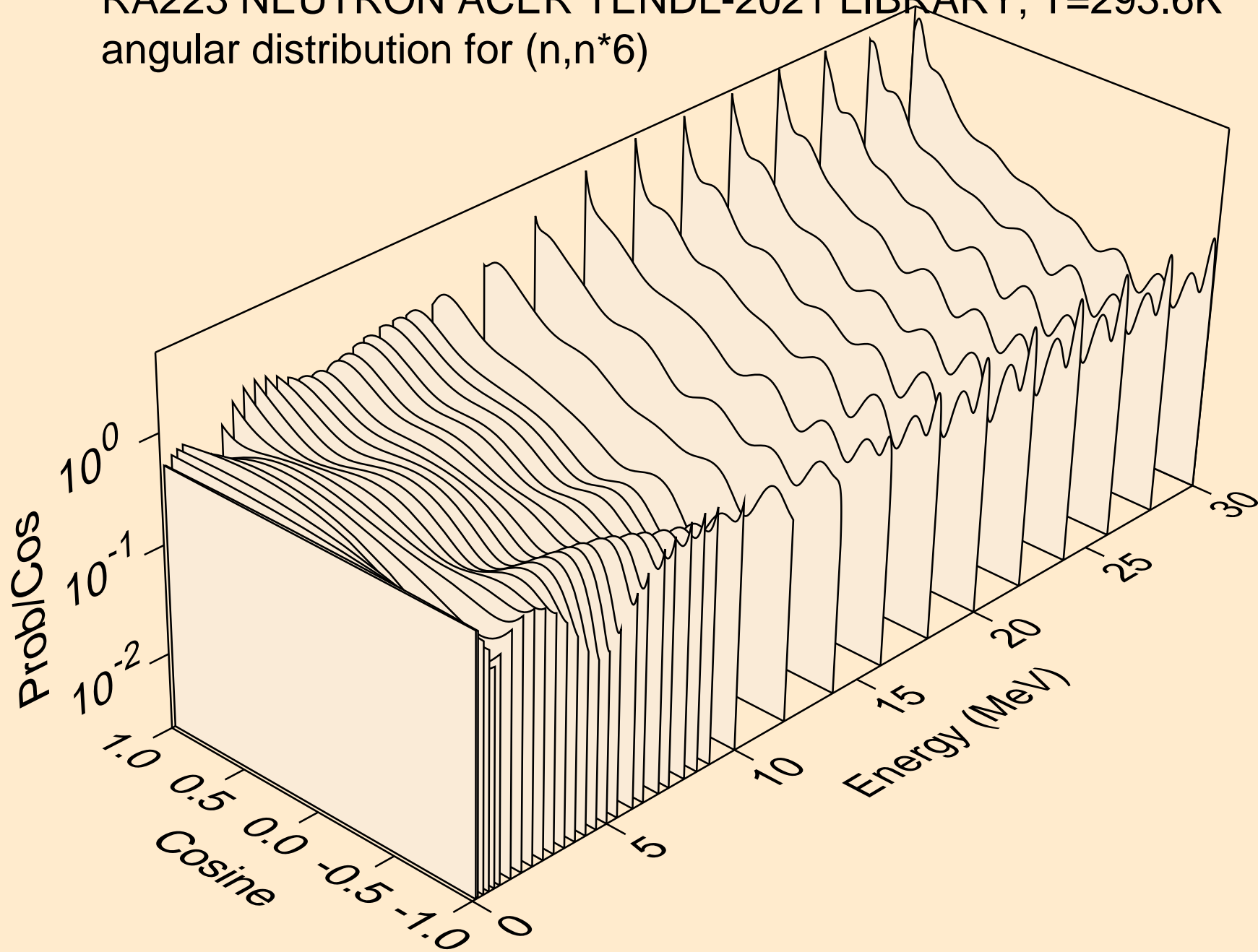
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angular distribution for (n,n\*4)



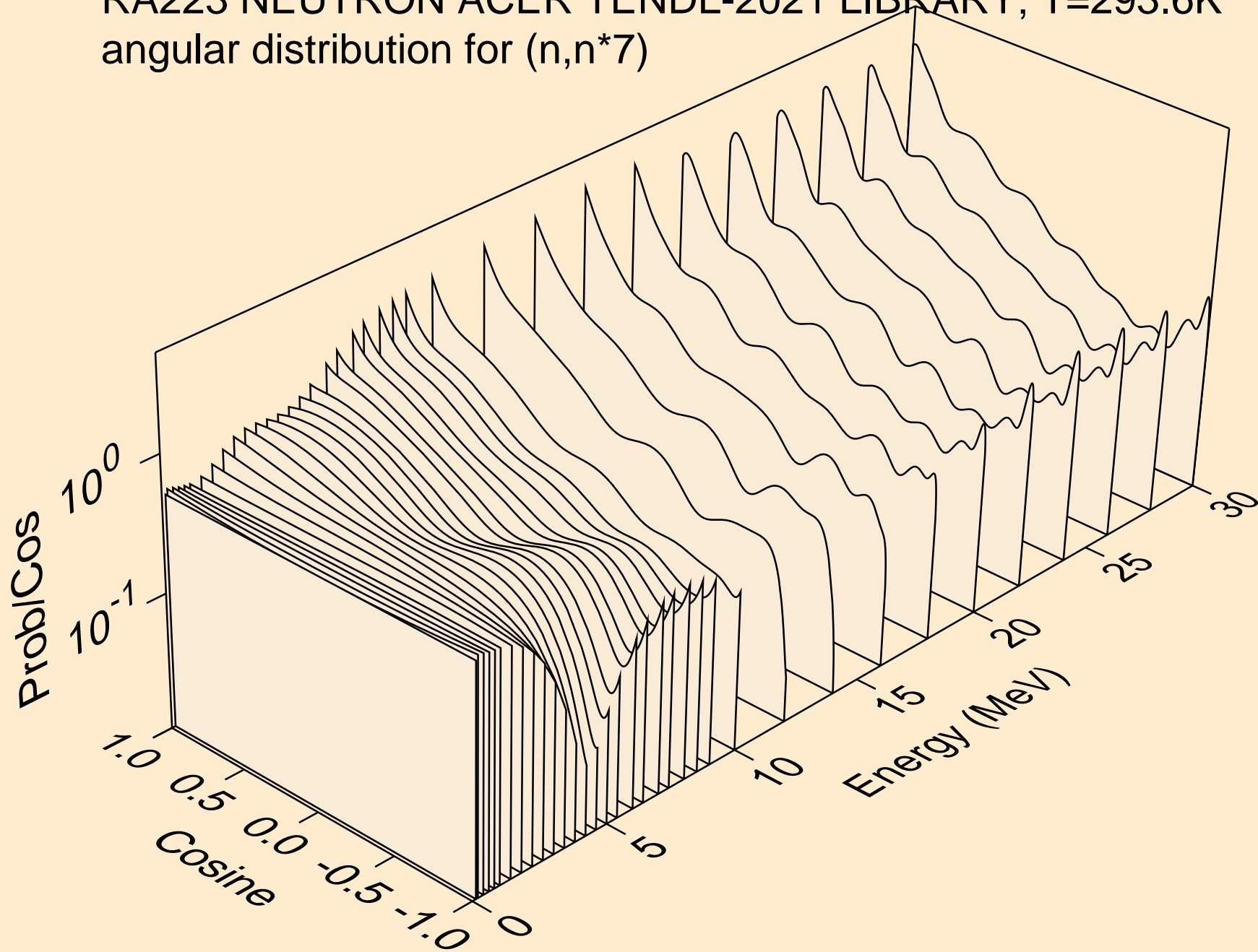
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angular distribution for (n,n\*5)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

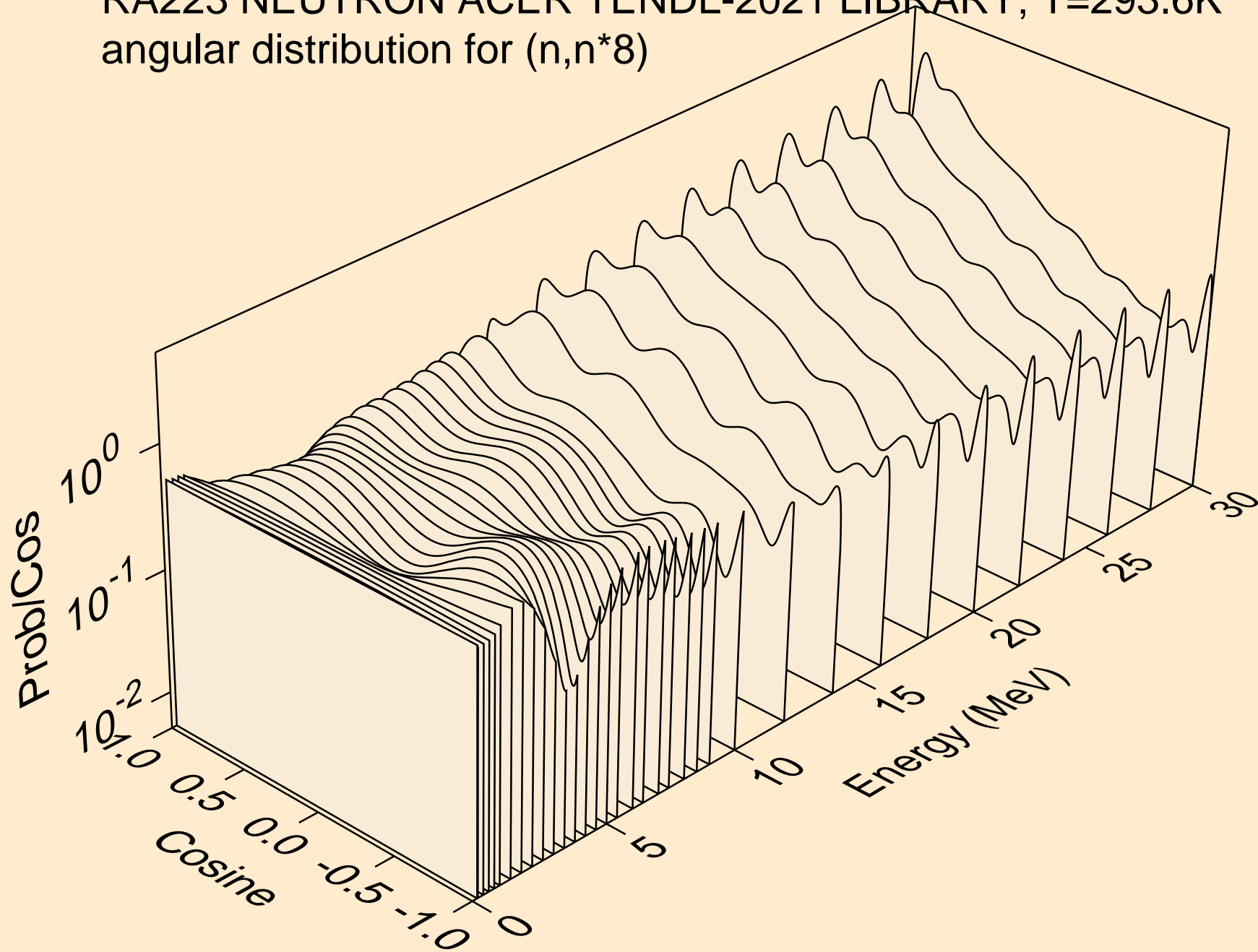


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angular distribution for (n,n\*7)



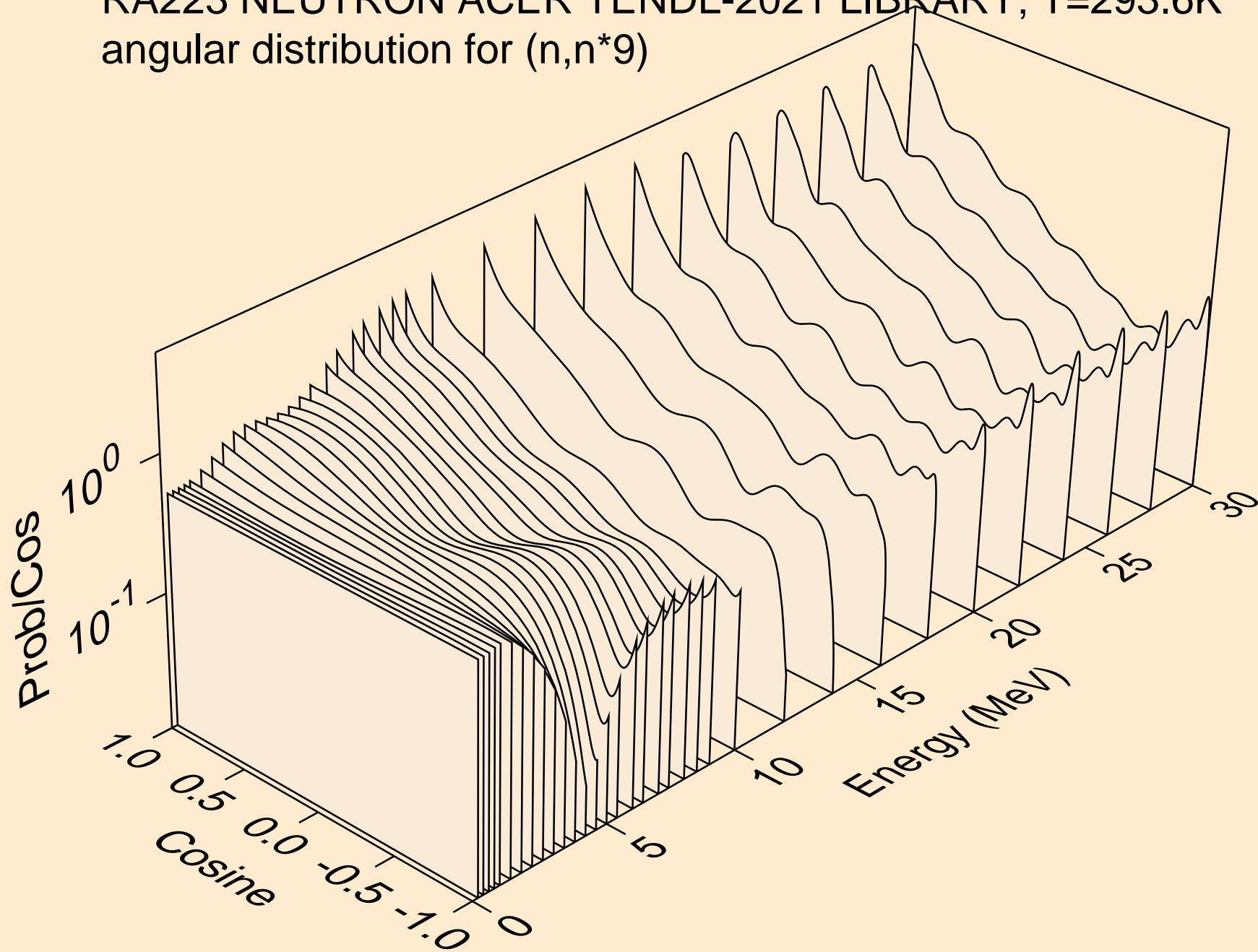


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angular distribution for (n,n\*8)

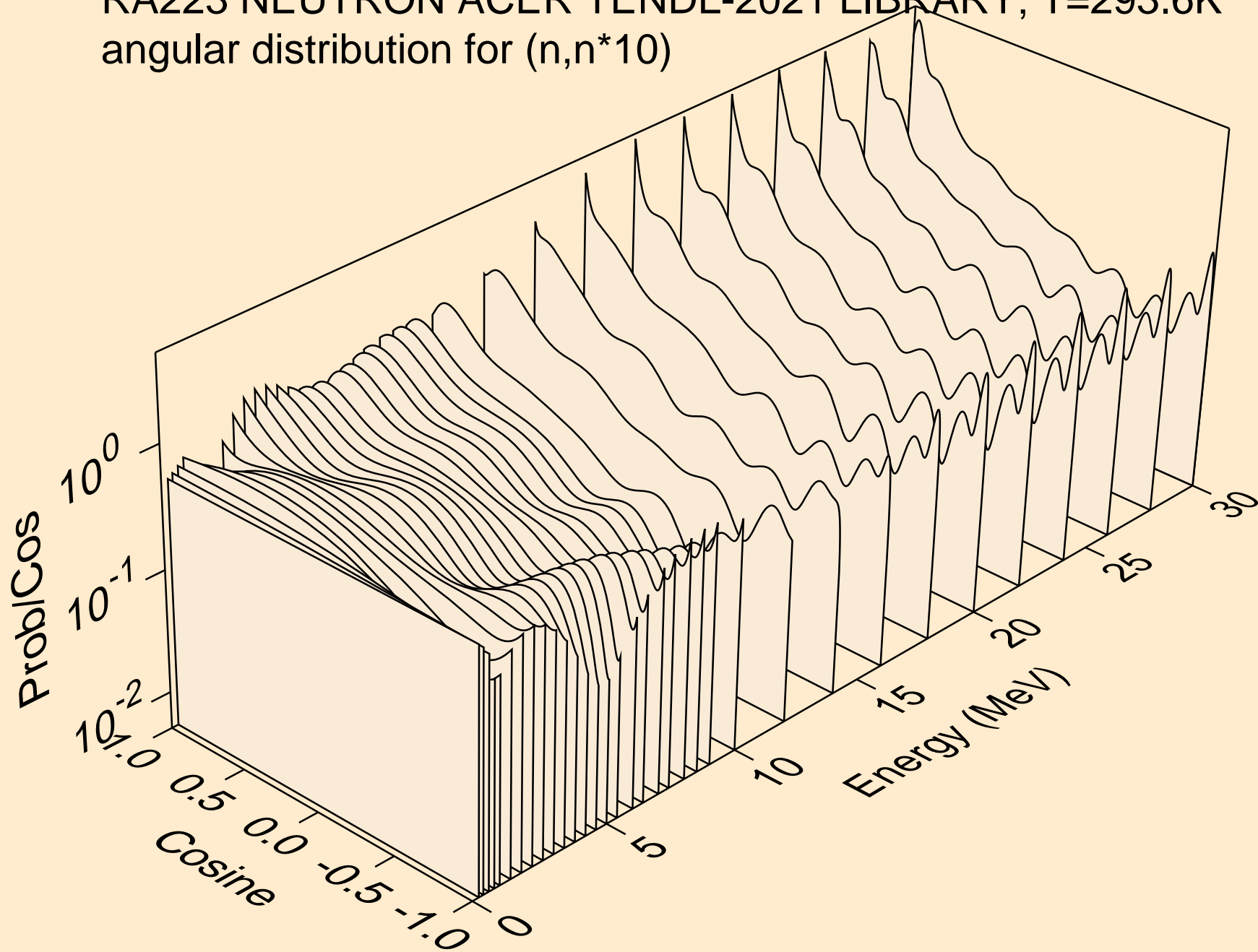




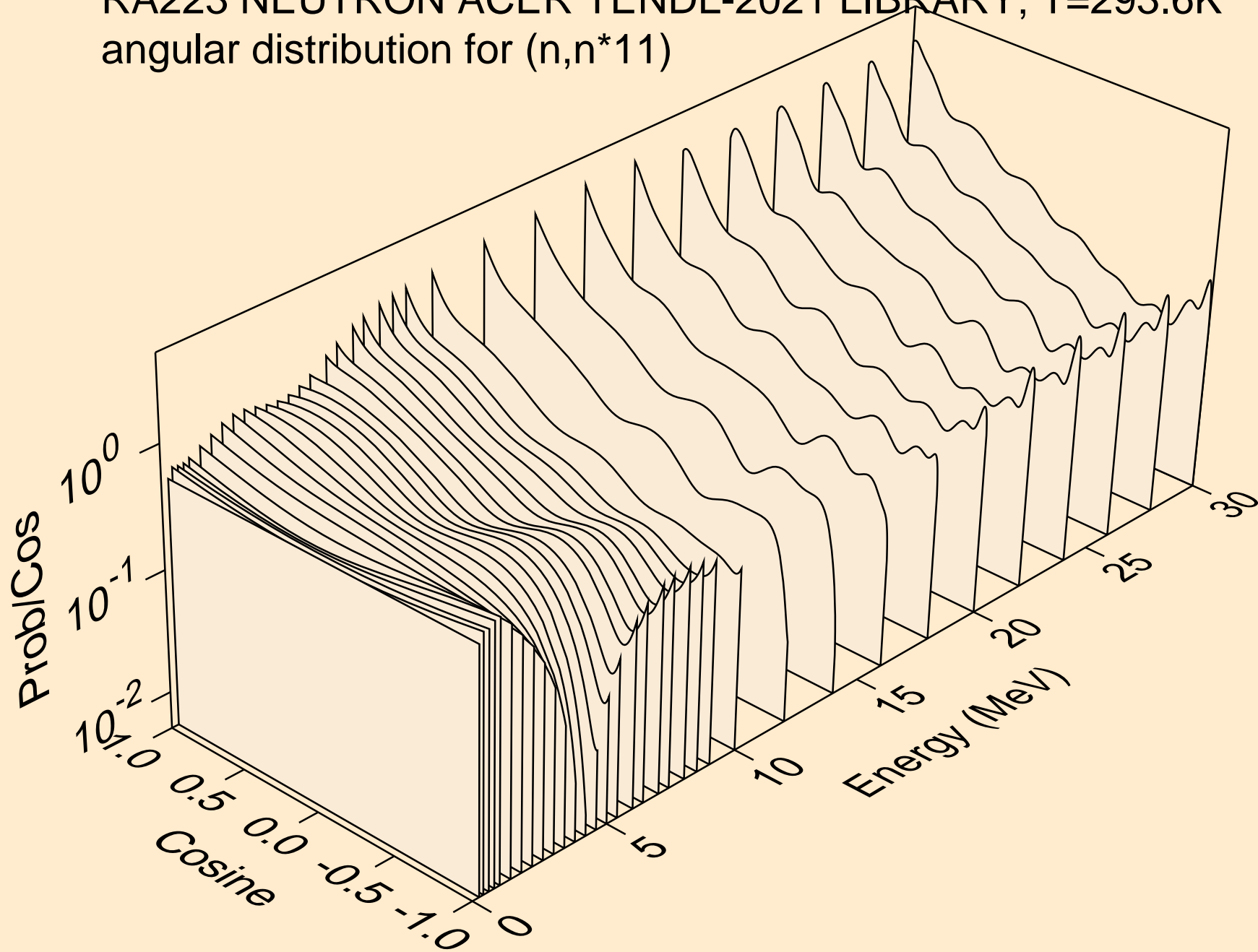
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angular distribution for (n,n\*9)



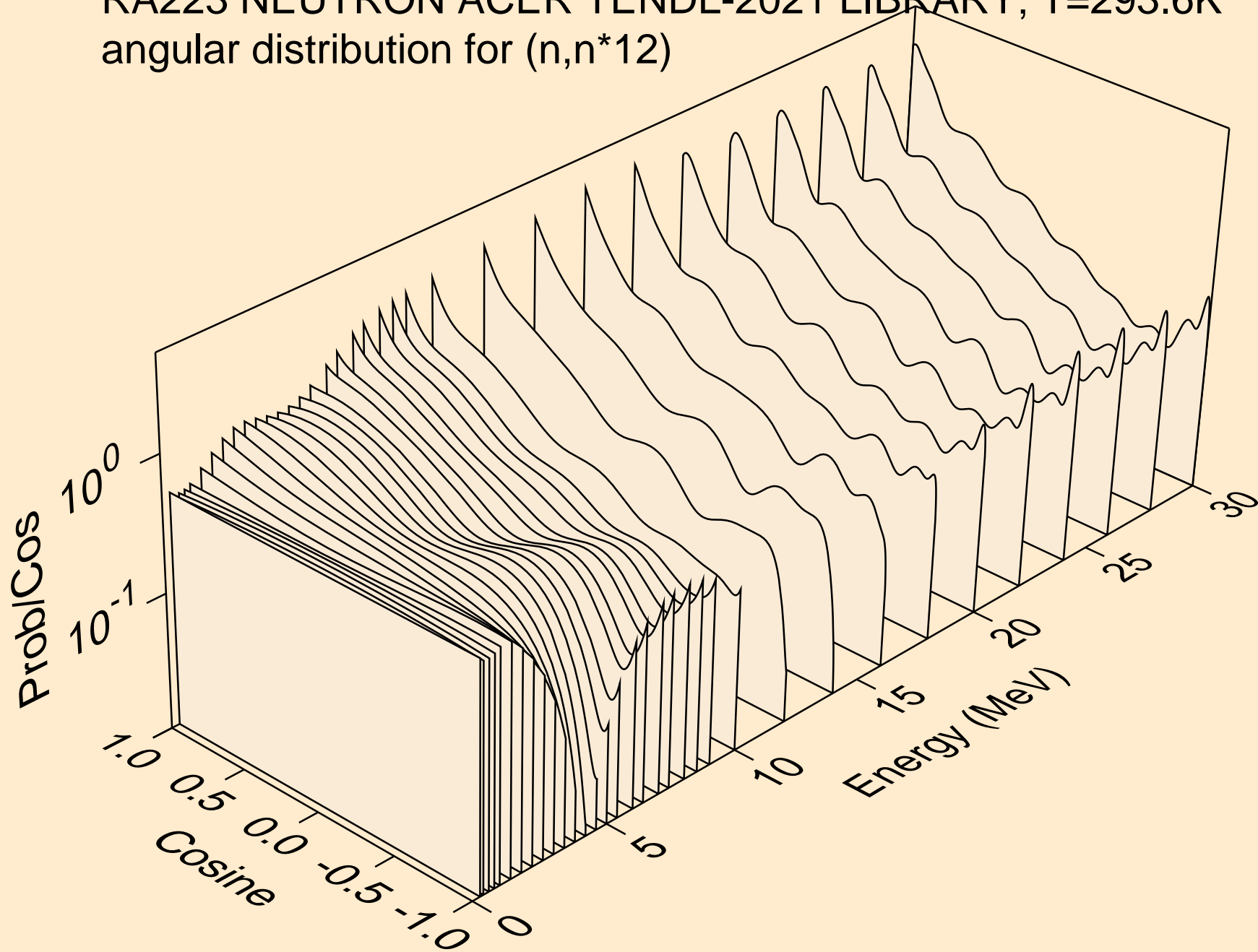
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angular distribution for (n,n\*10)



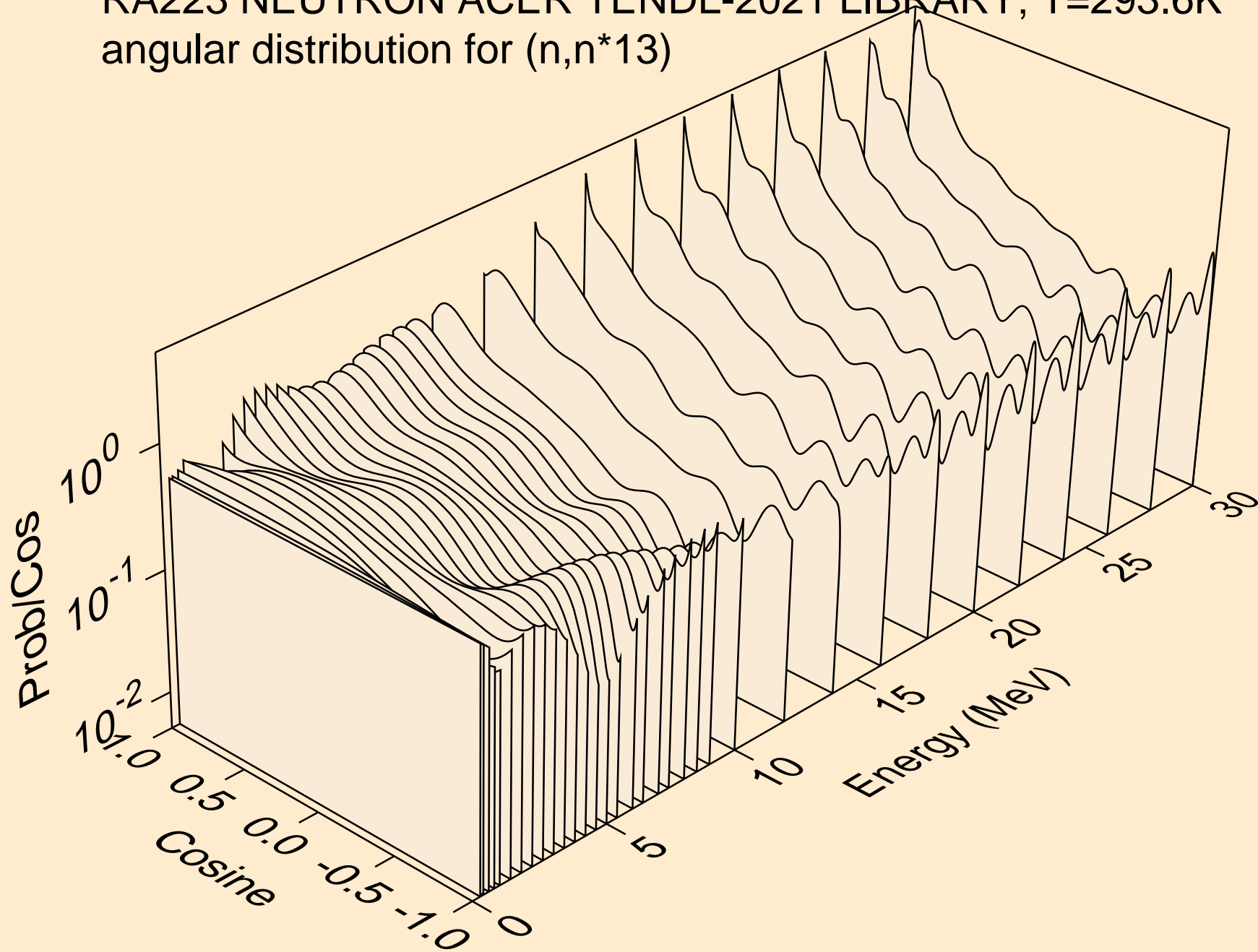
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angular distribution for (n,n\*11)



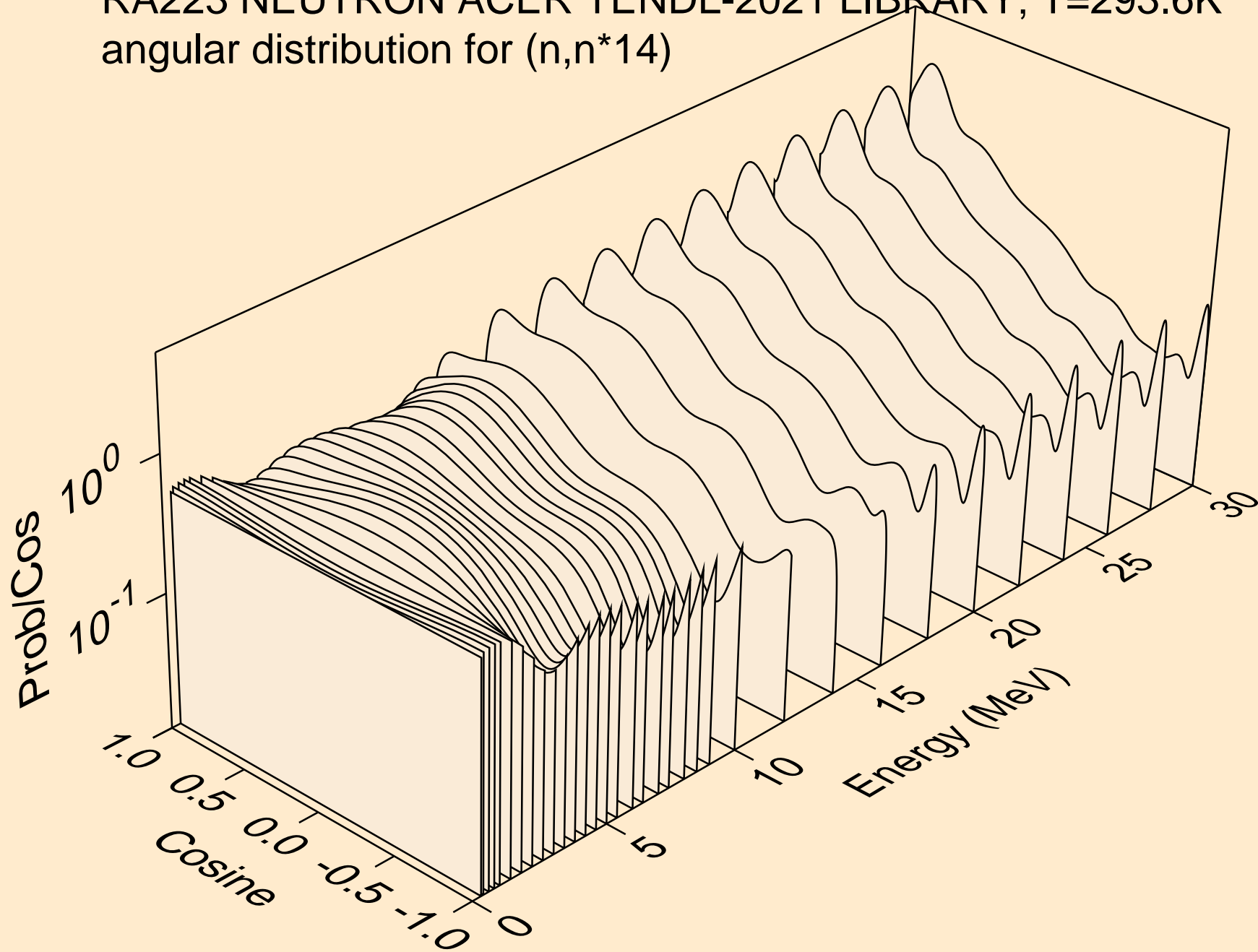
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angular distribution for (n,n\*12)



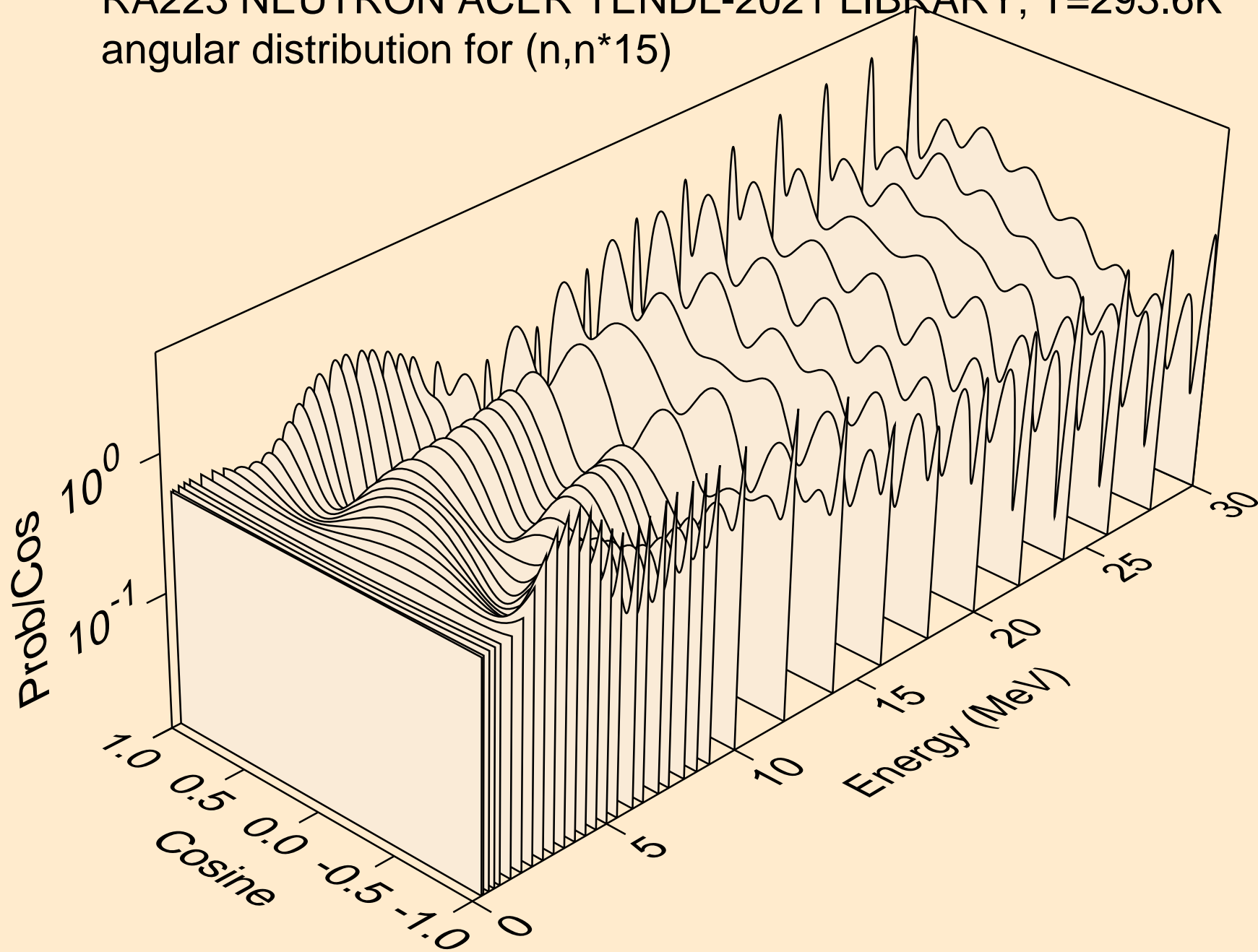
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angular distribution for (n,n\*13)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)

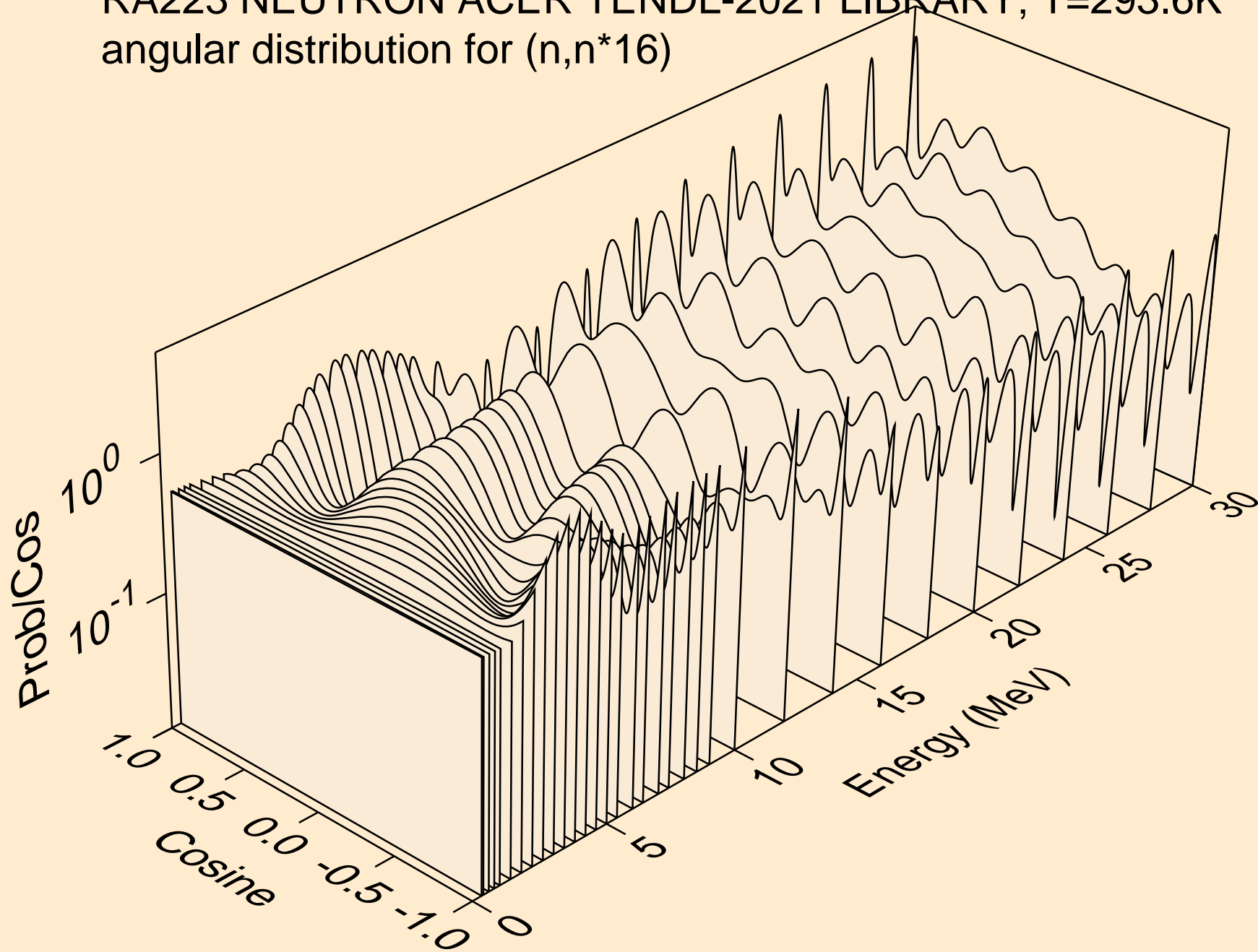


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angular distribution for (n,n\*15)



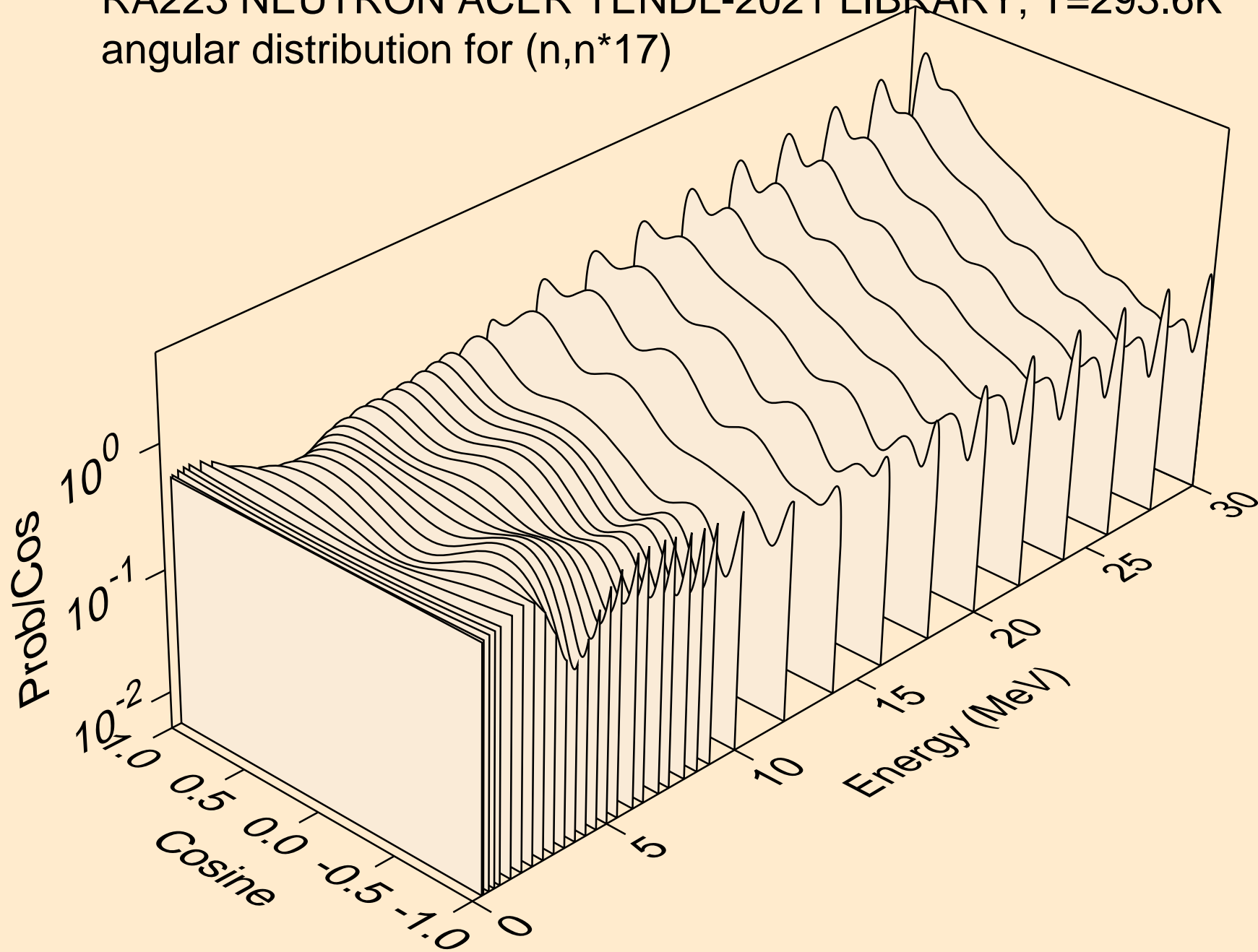


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angular distribution for (n,n\*16)

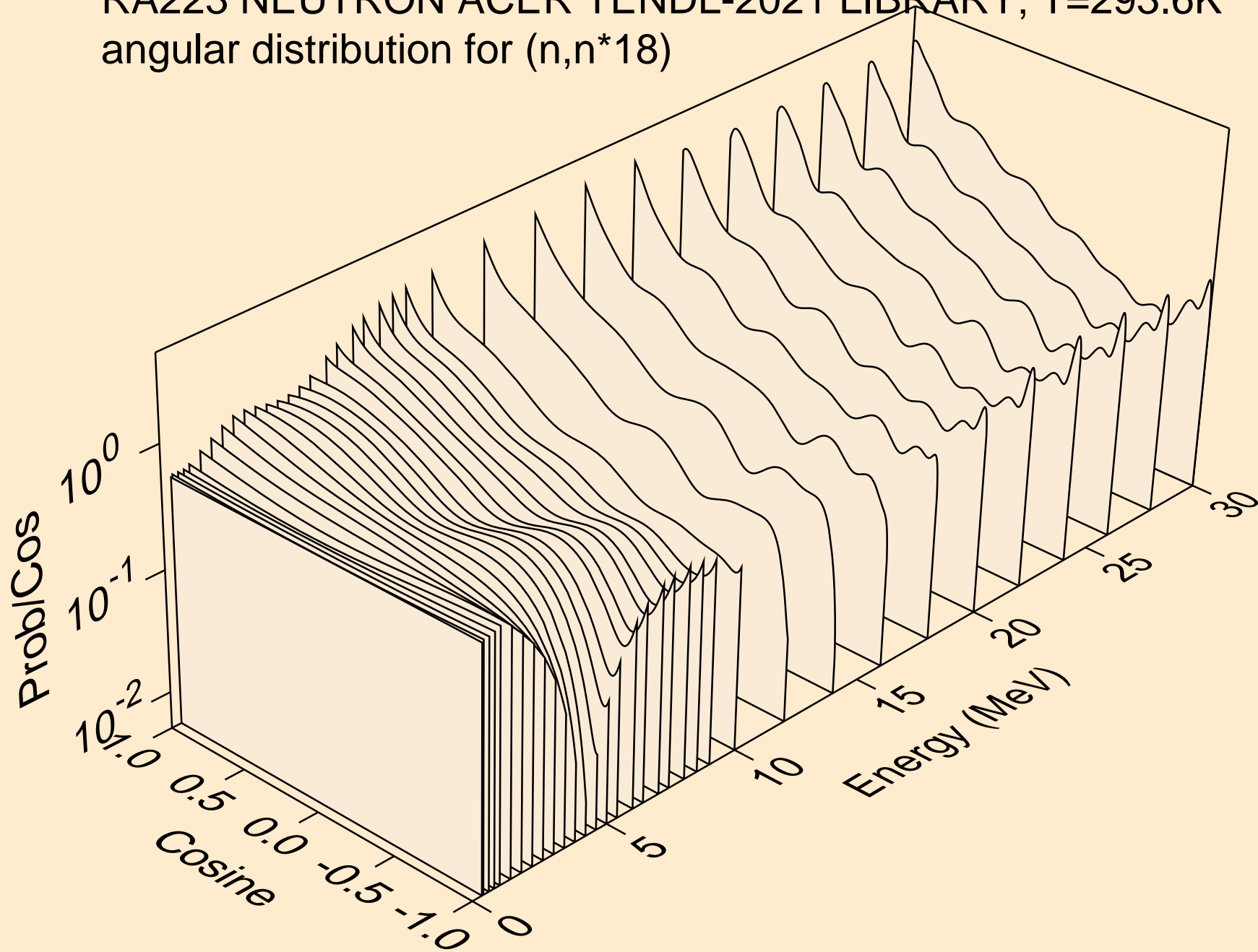




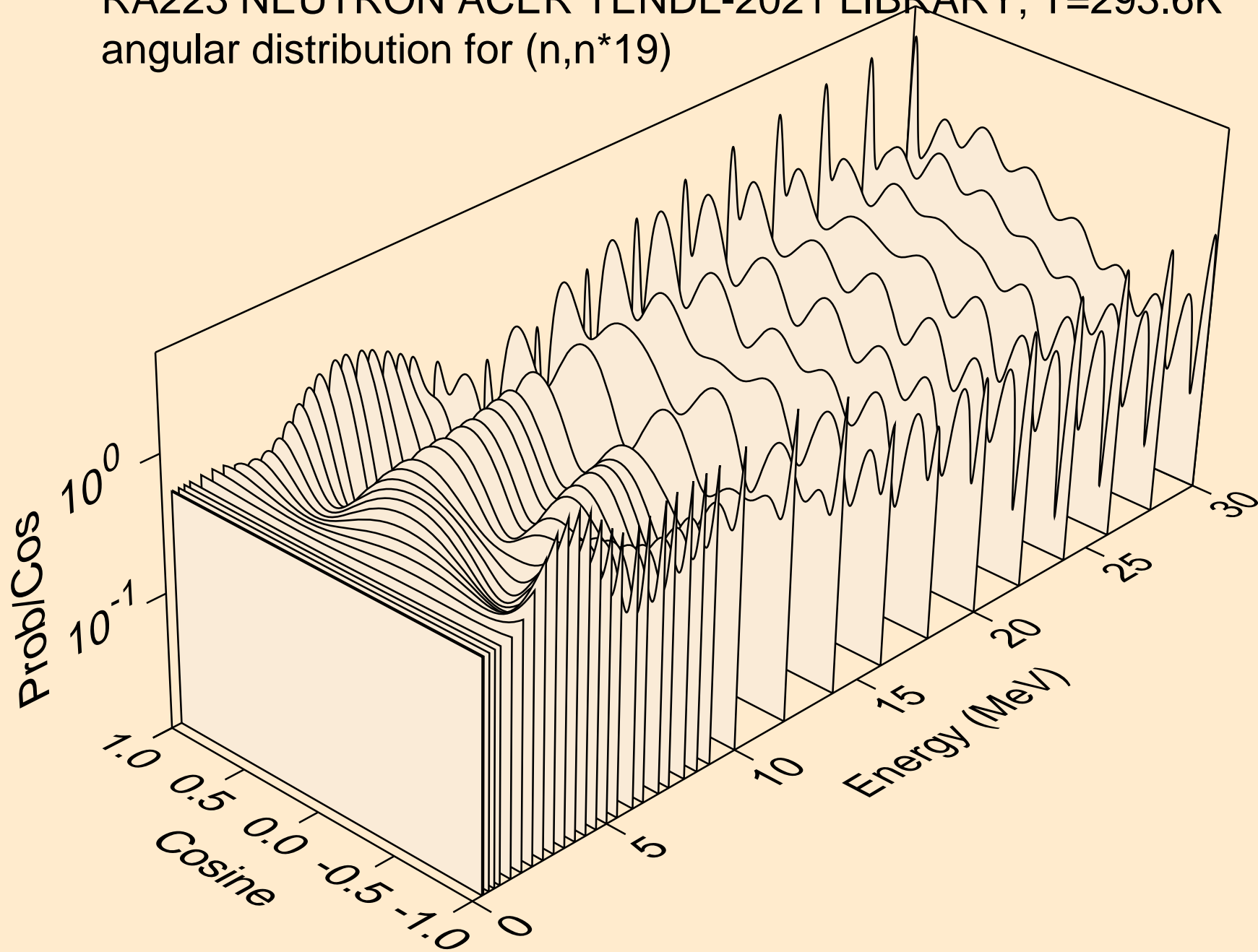
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angular distribution for (n,n\*17)



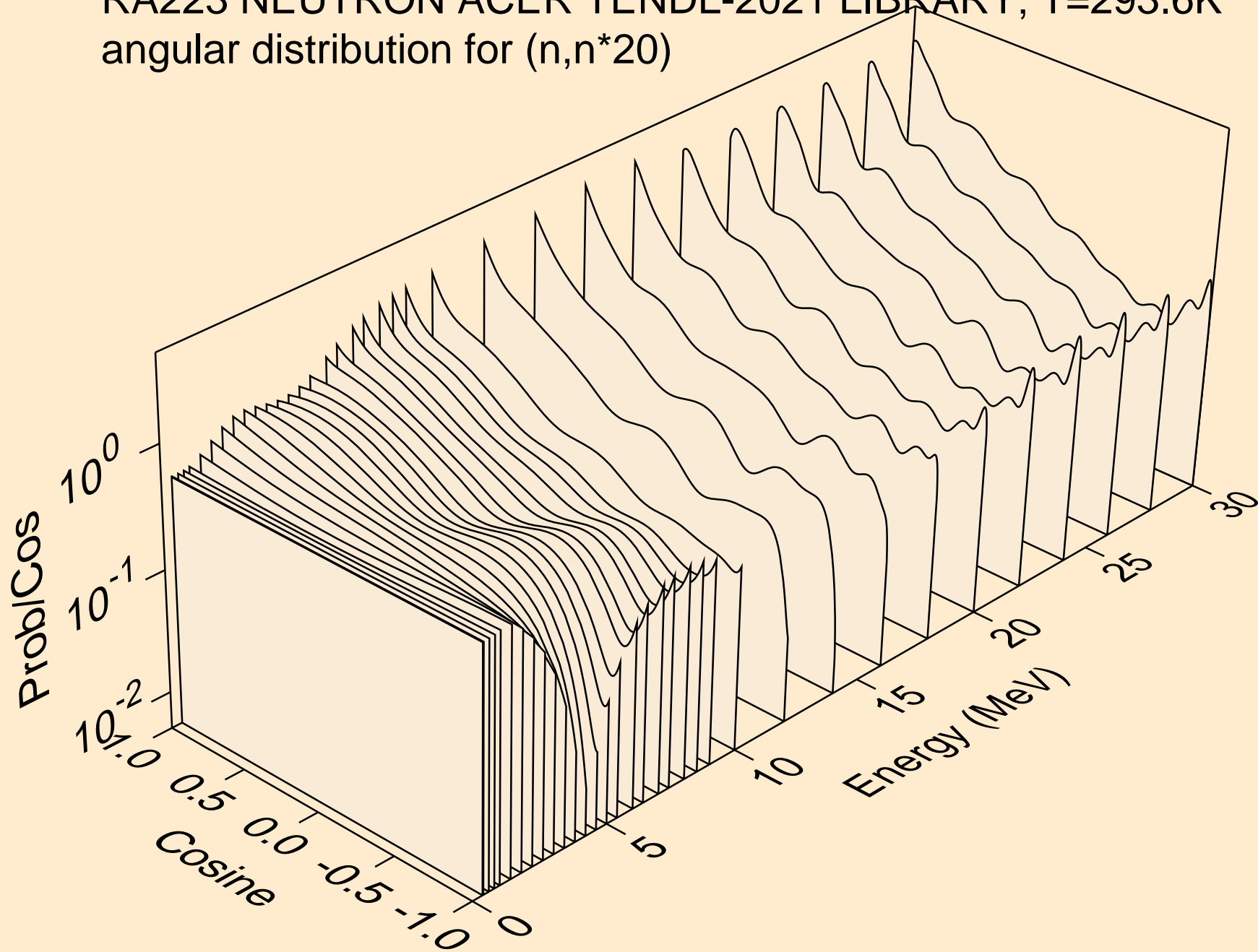
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angular distribution for (n,n\*18)



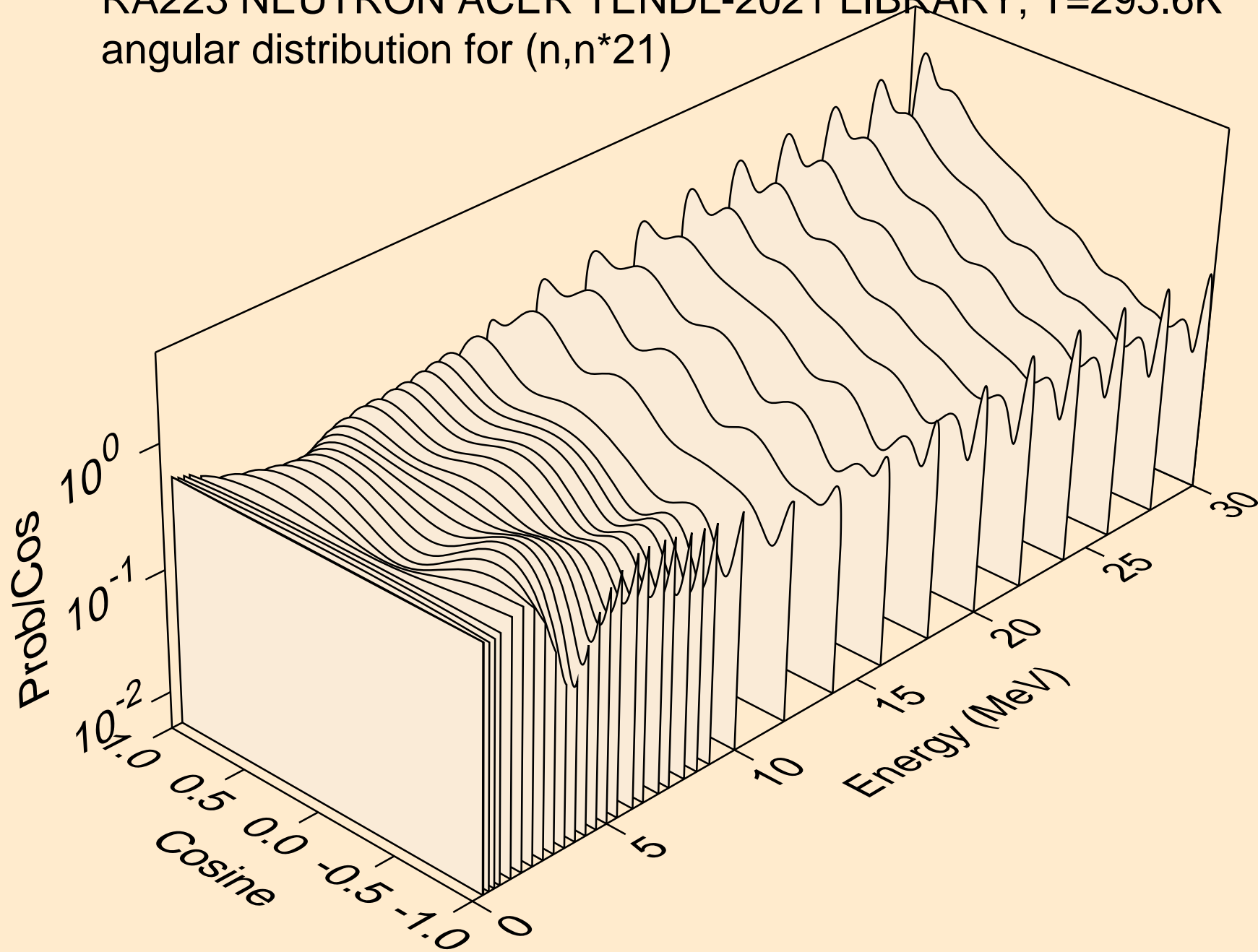
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angular distribution for (n,n\*19)



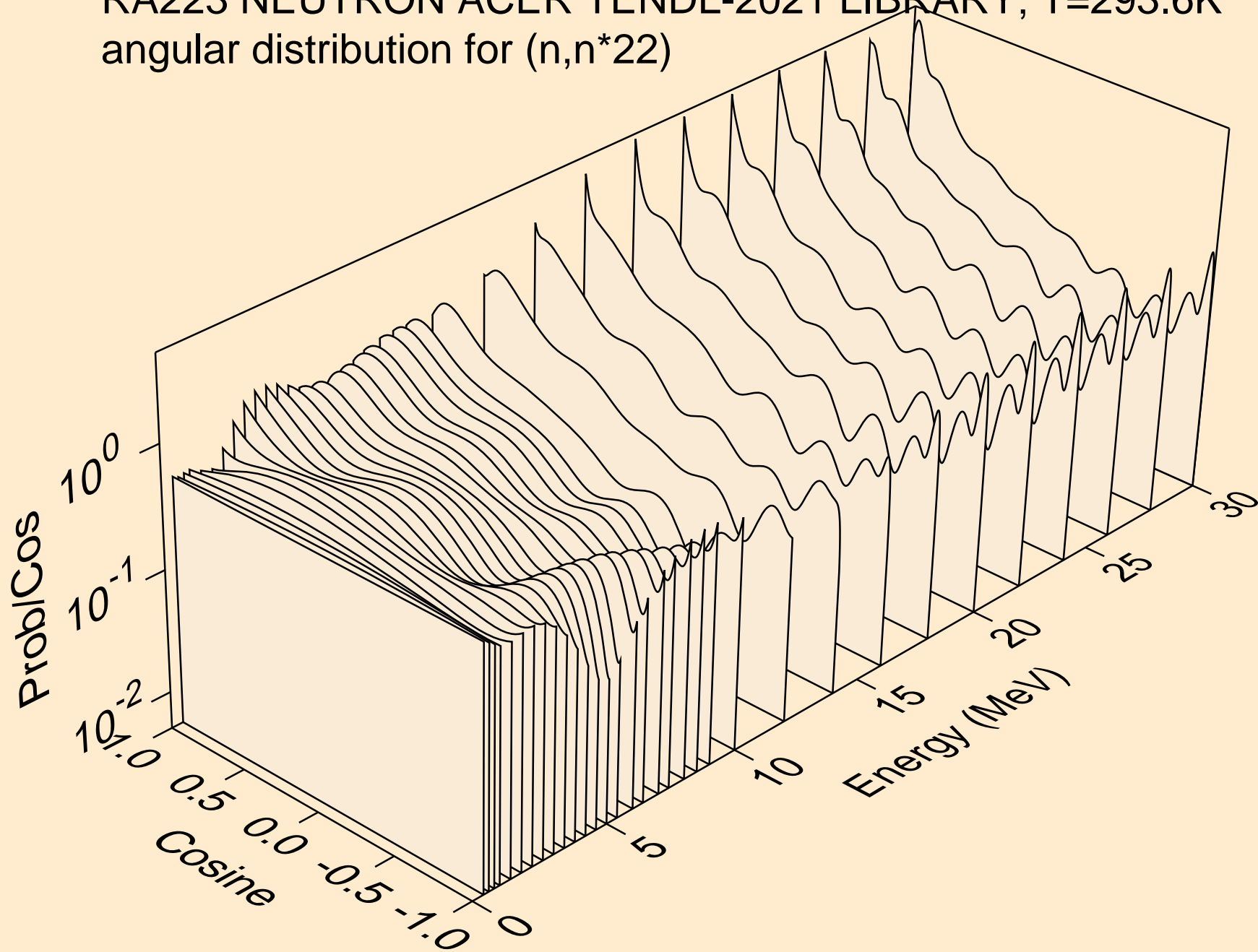
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angular distribution for (n,n\*20)



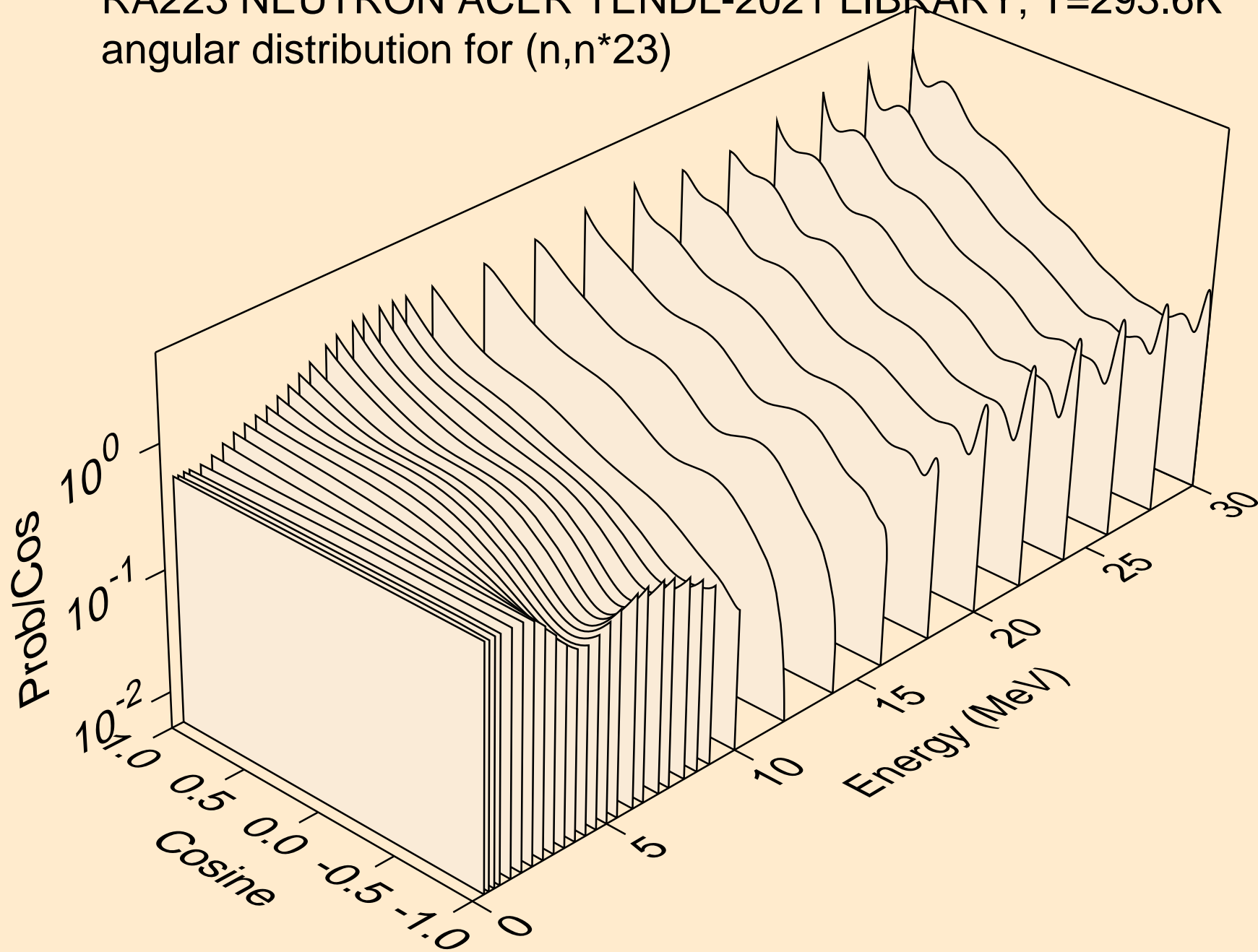
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

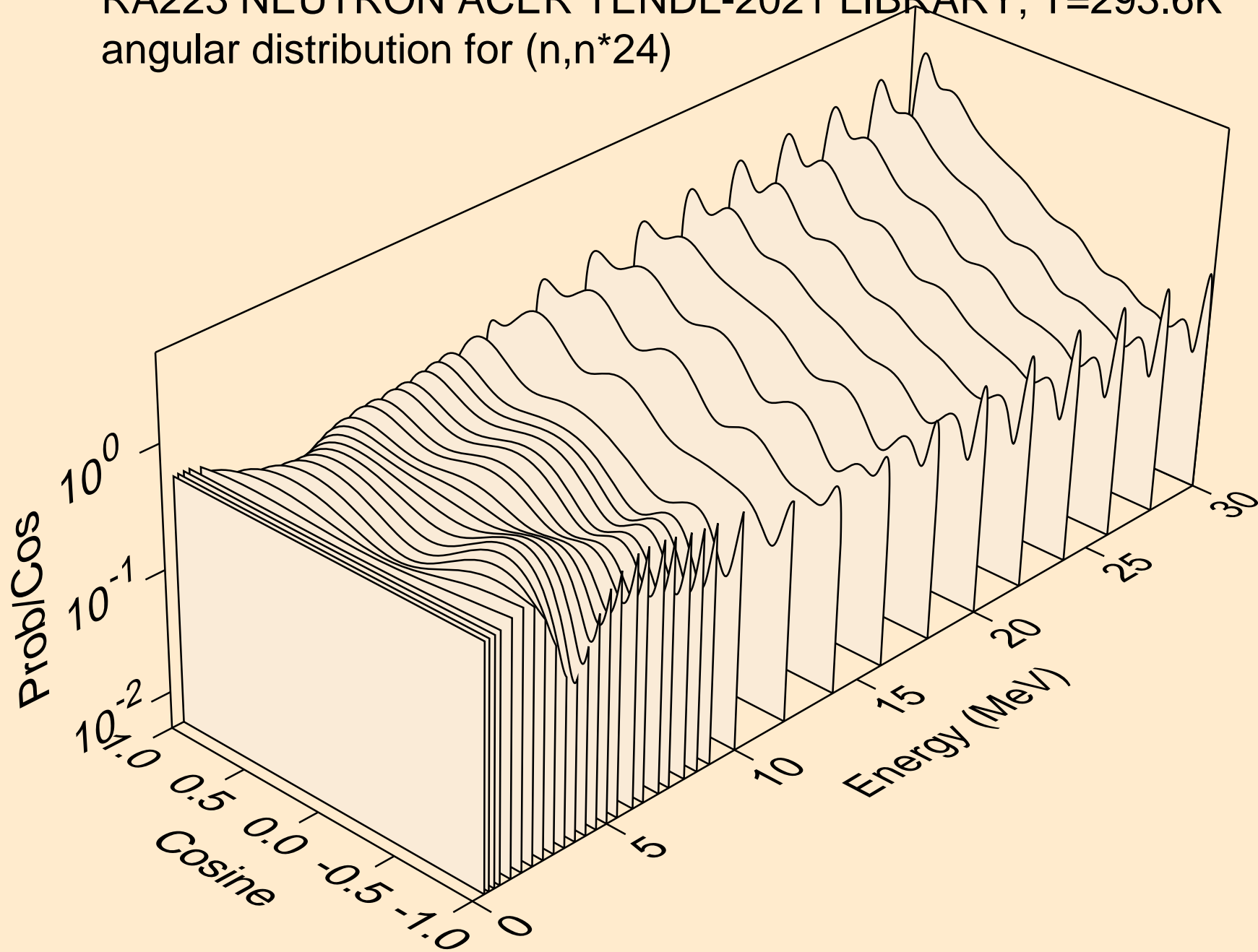


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angular distribution for (n,n\*23)



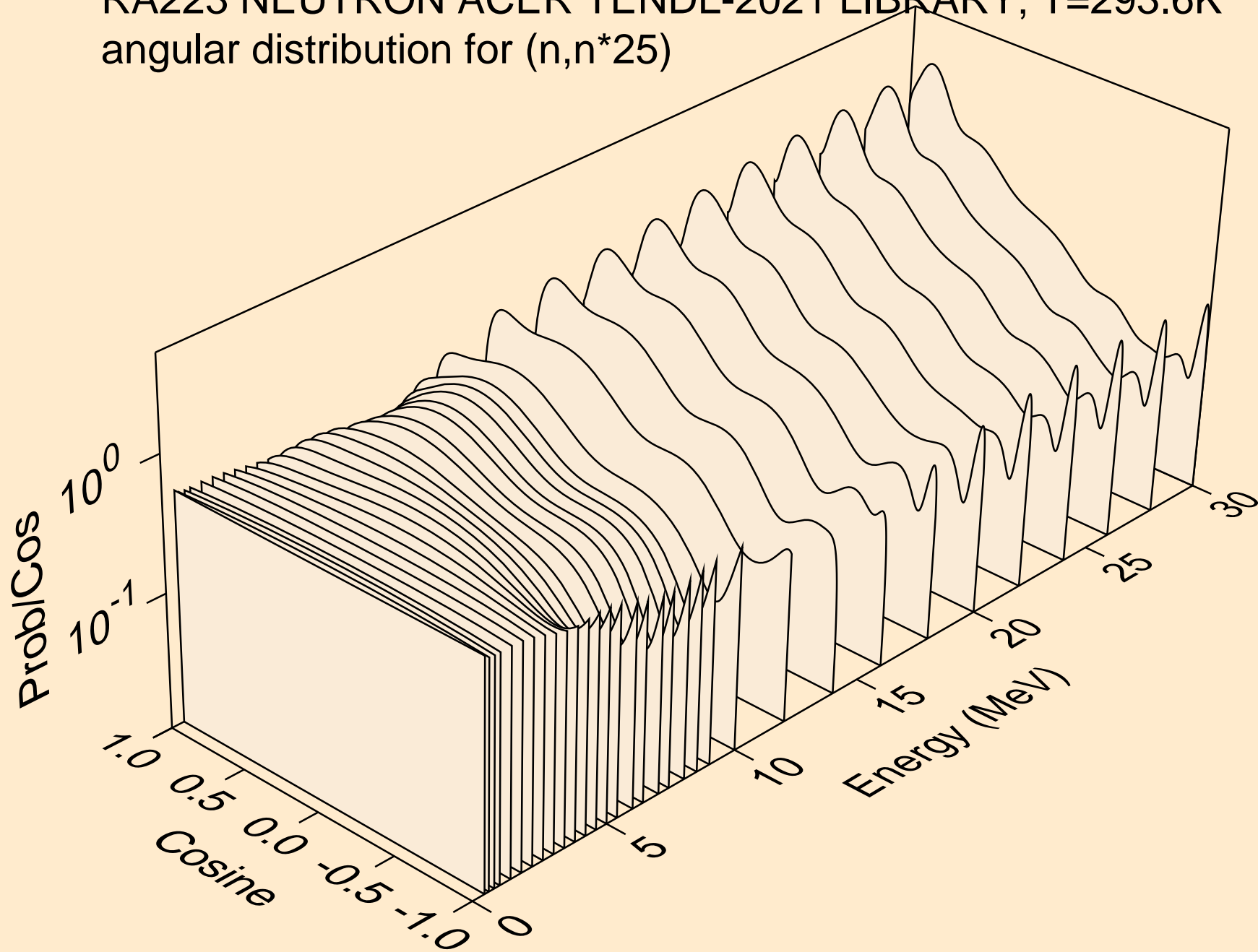


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angular distribution for (n,n\*24)

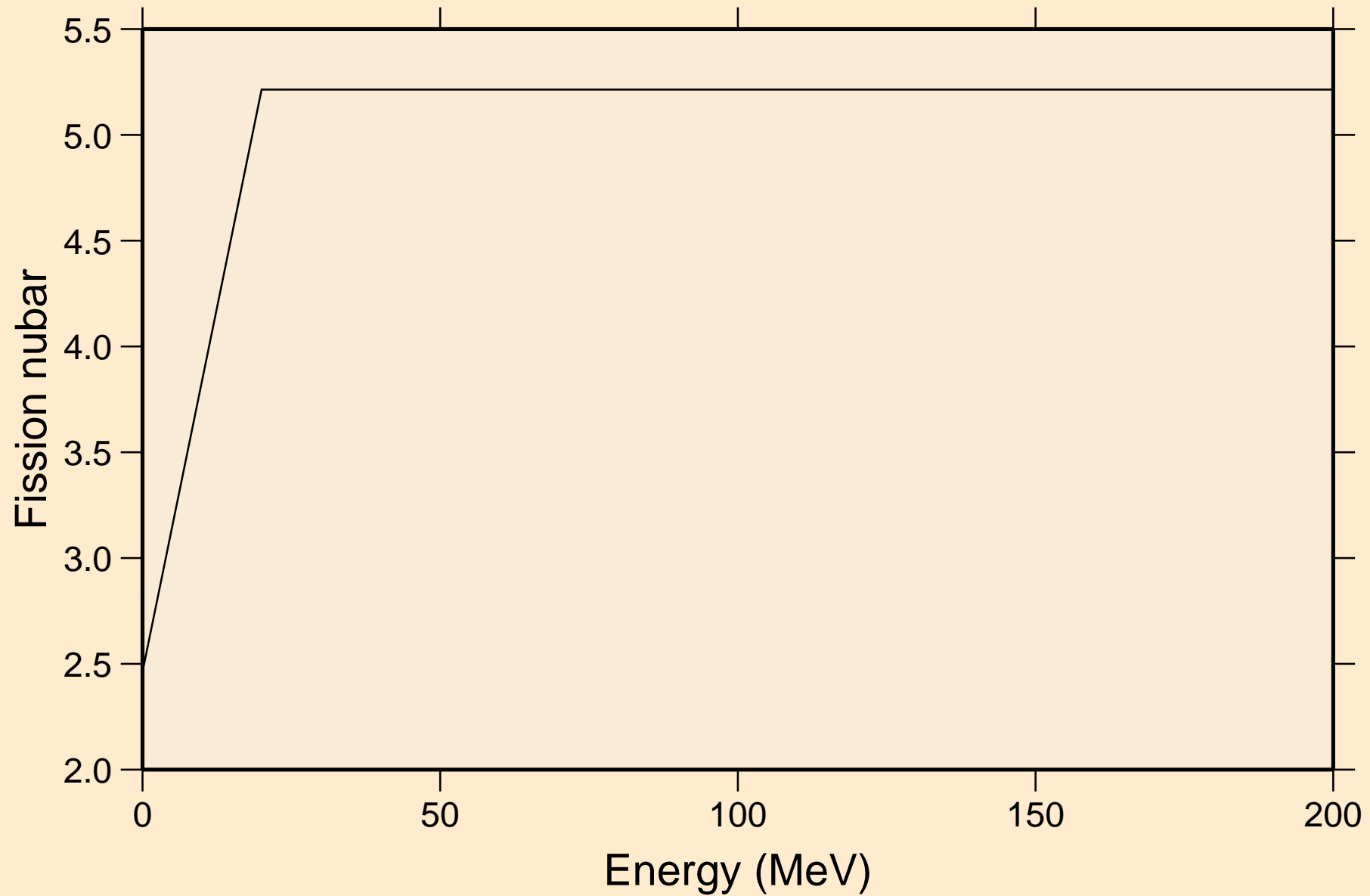




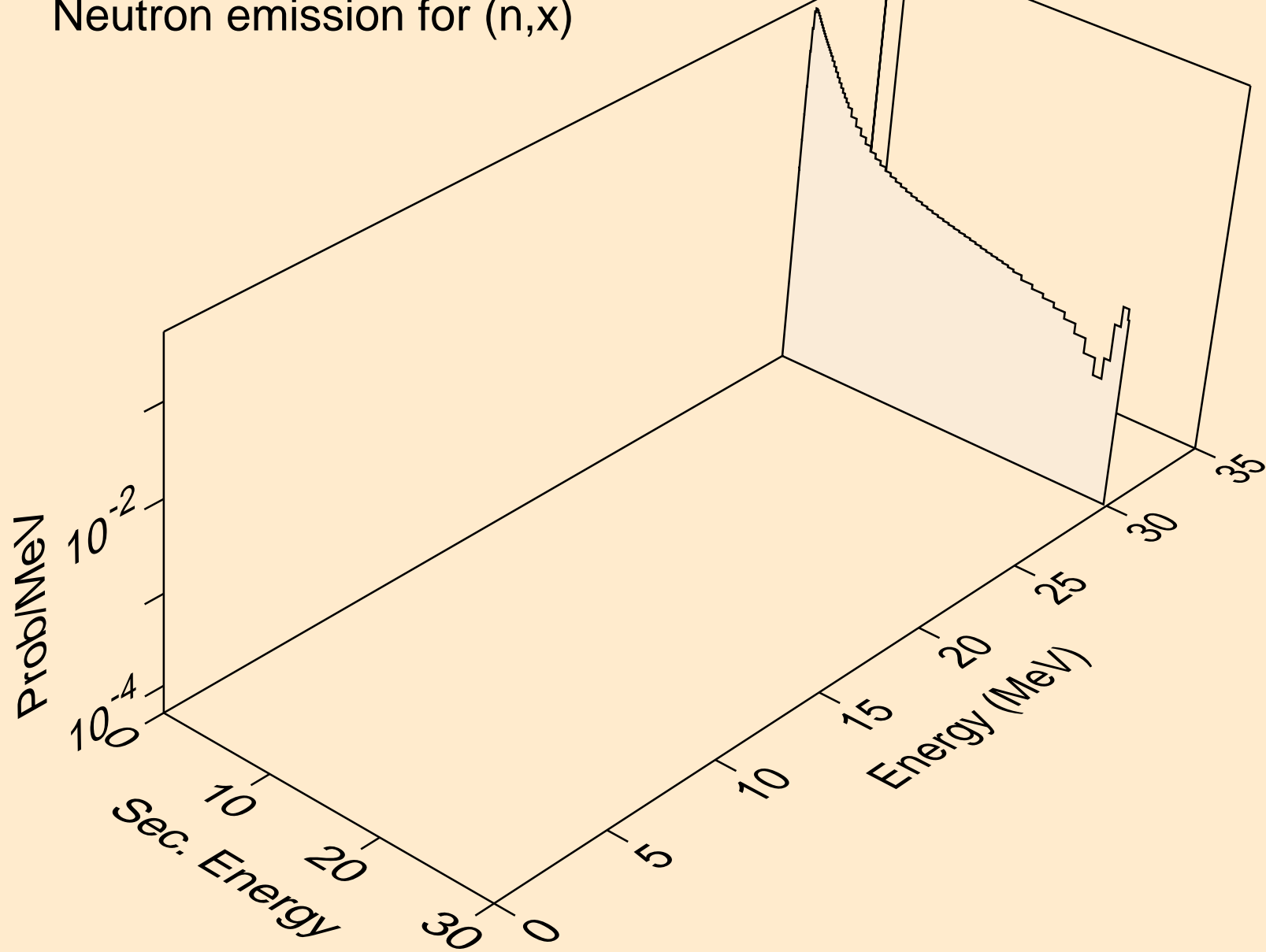
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



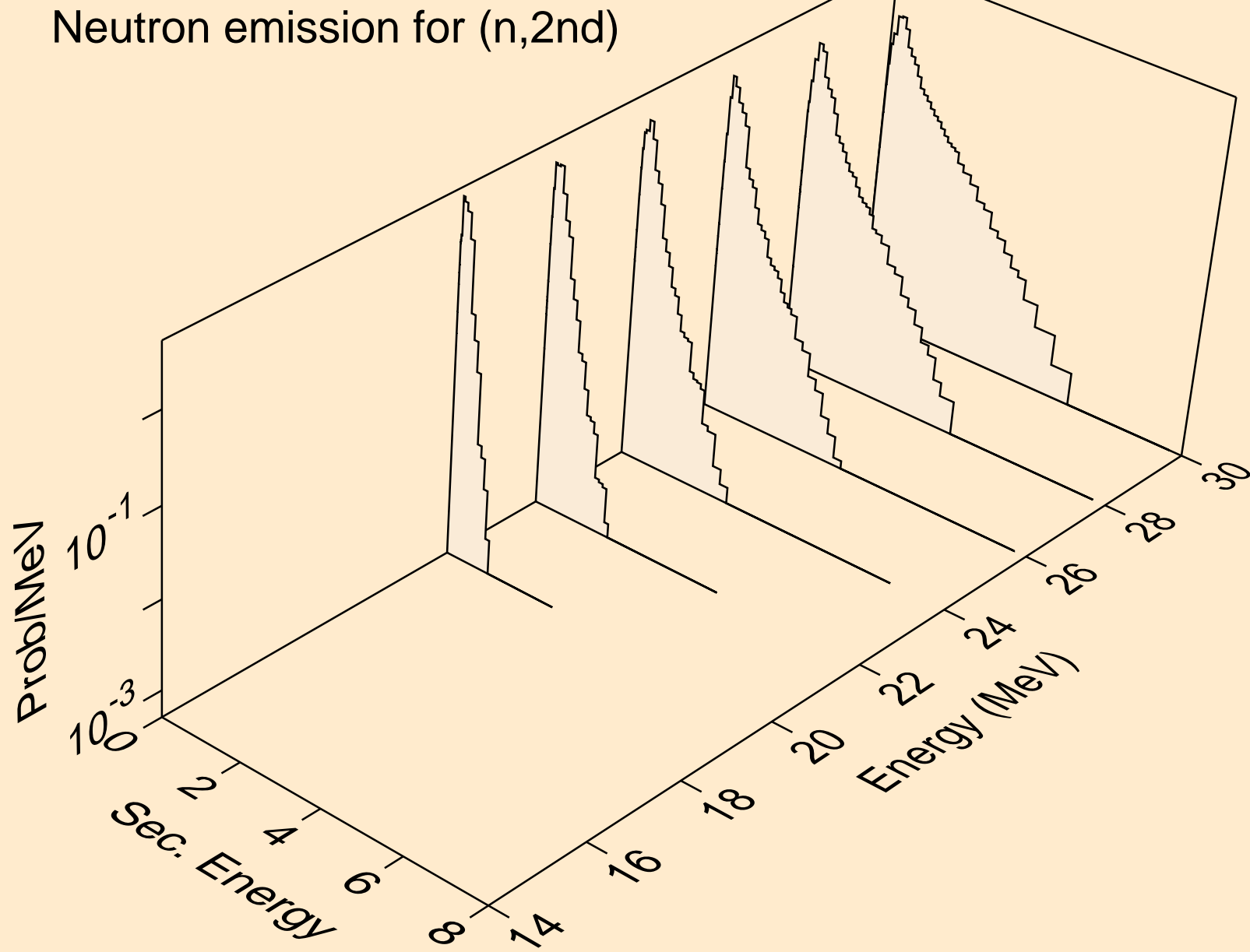
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



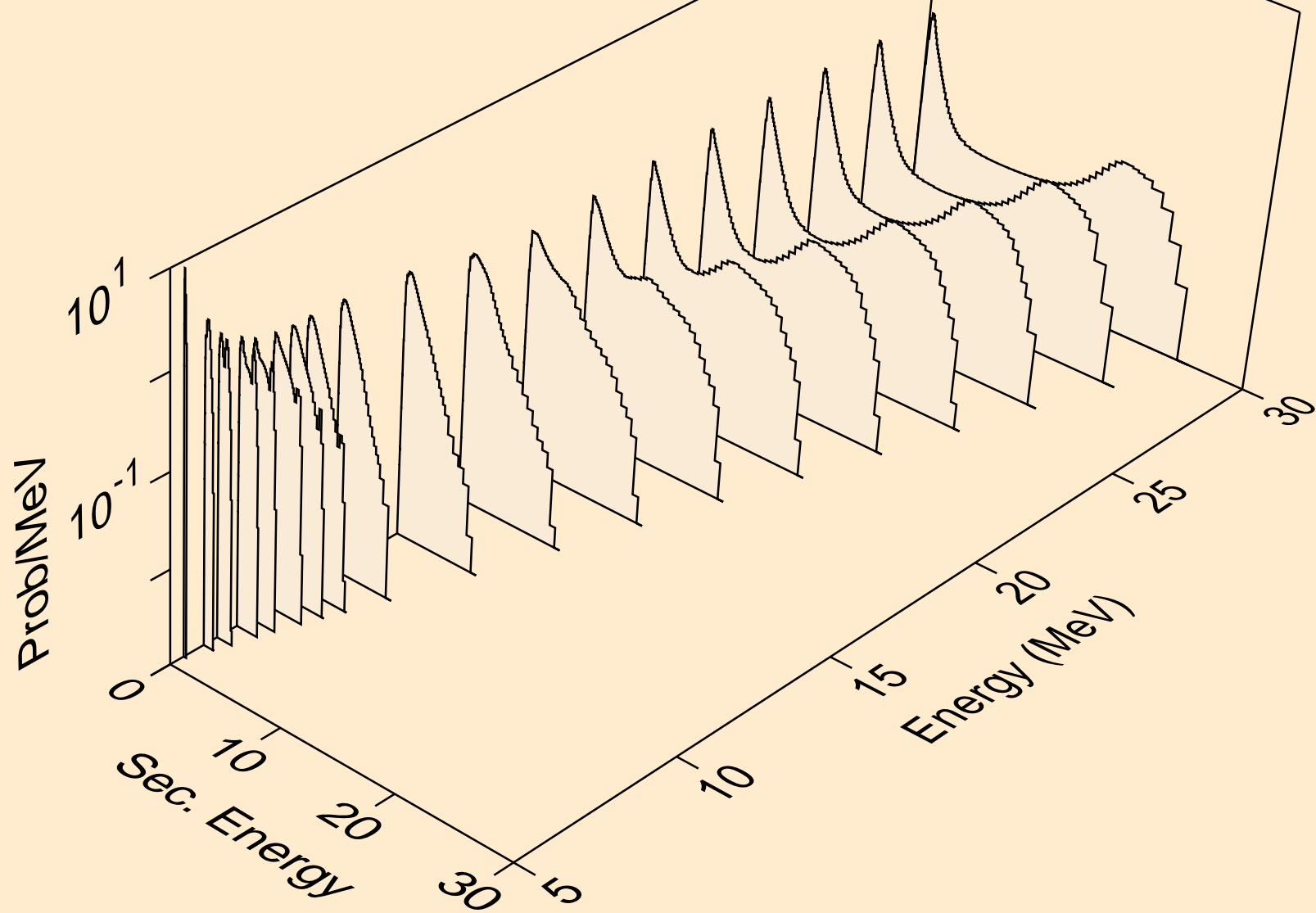
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Neutron emission for (n,x)



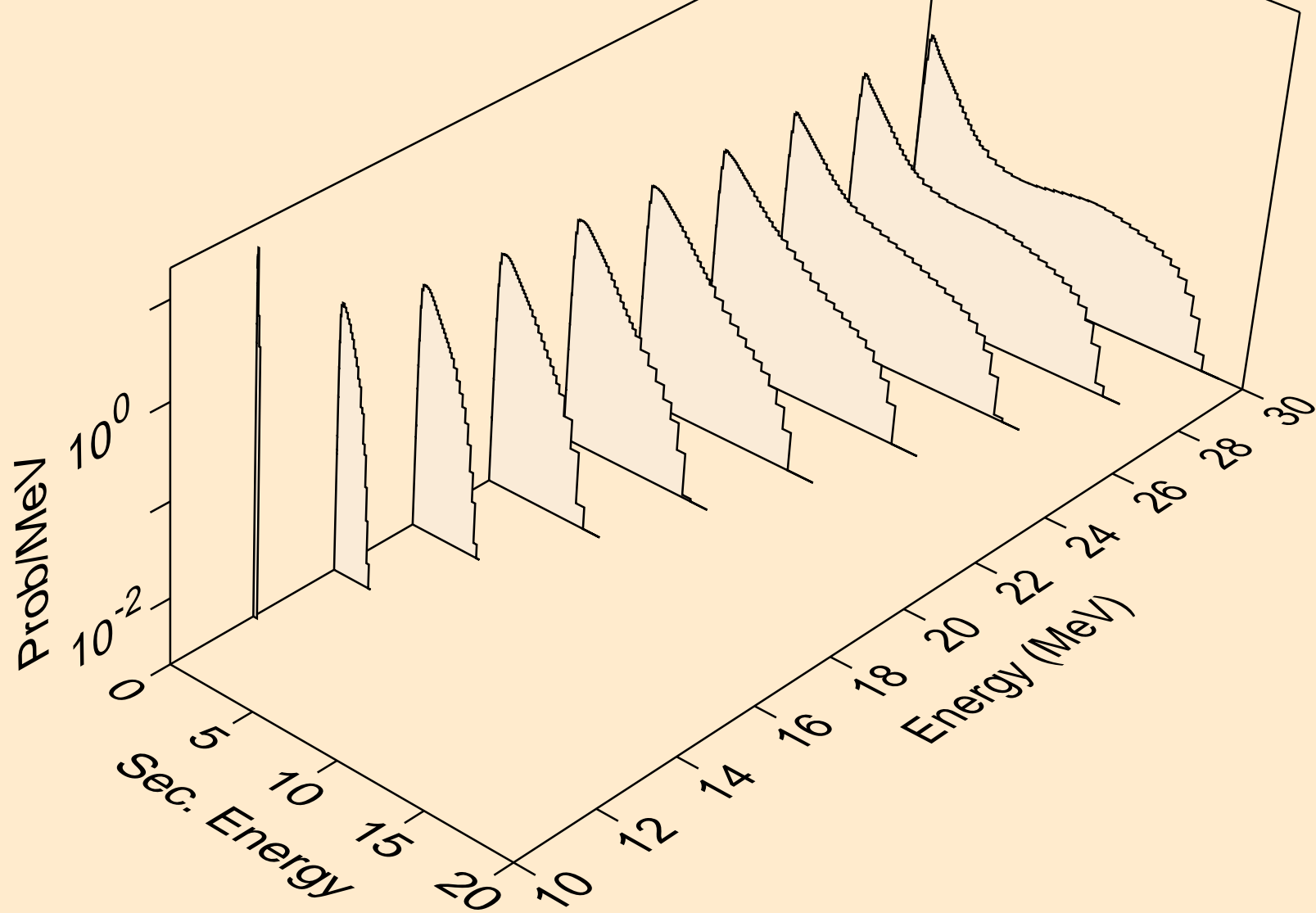
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



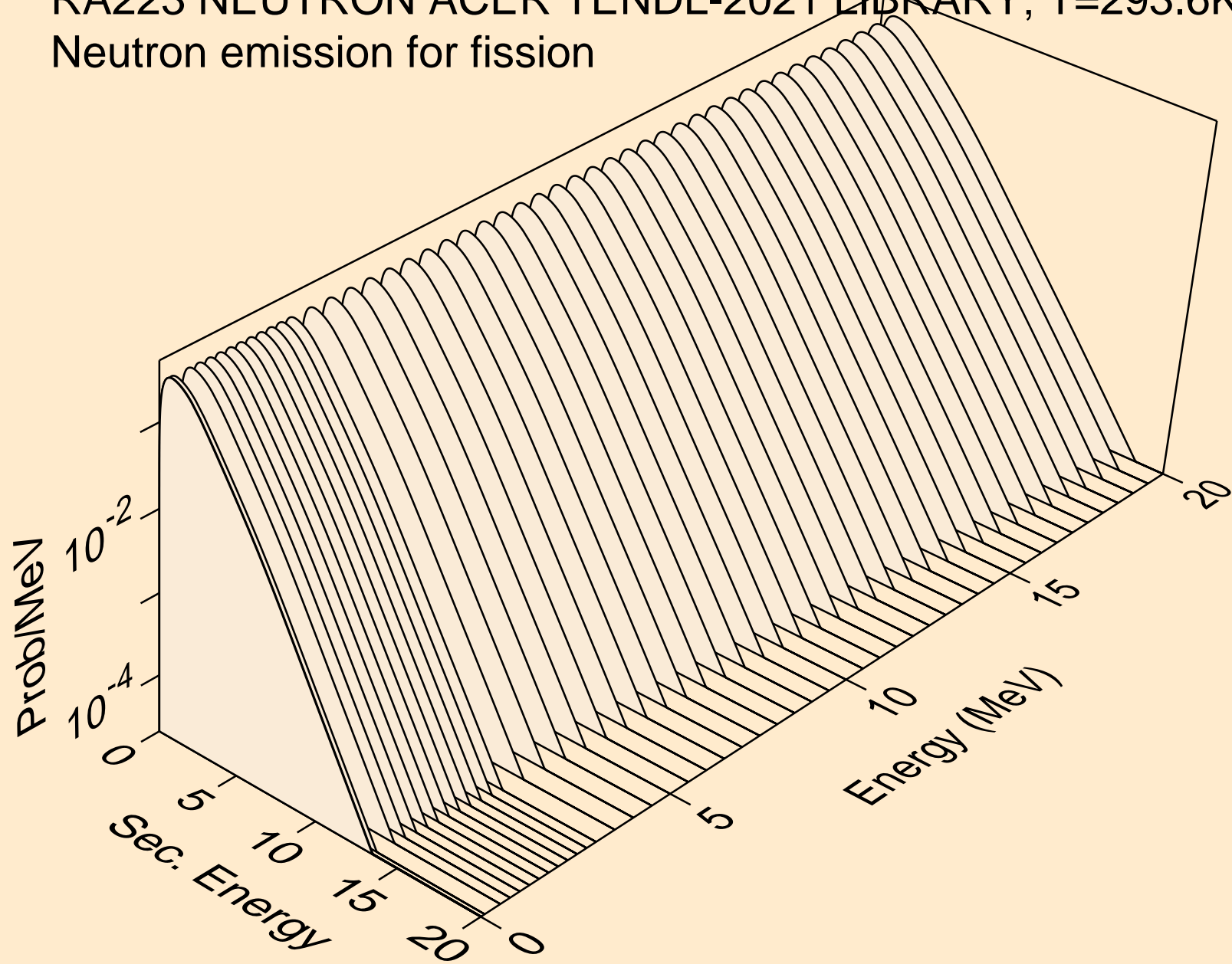
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



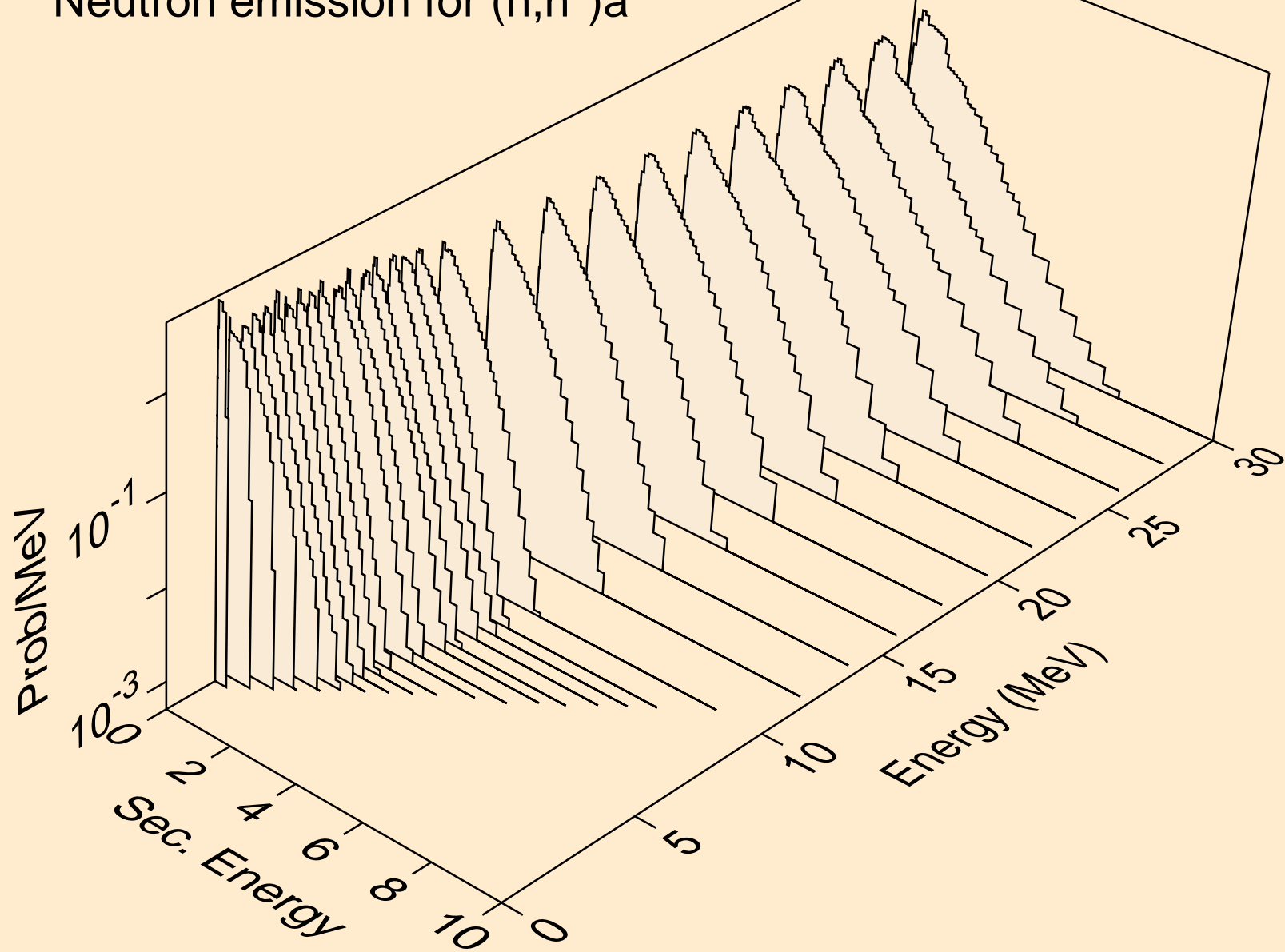
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission

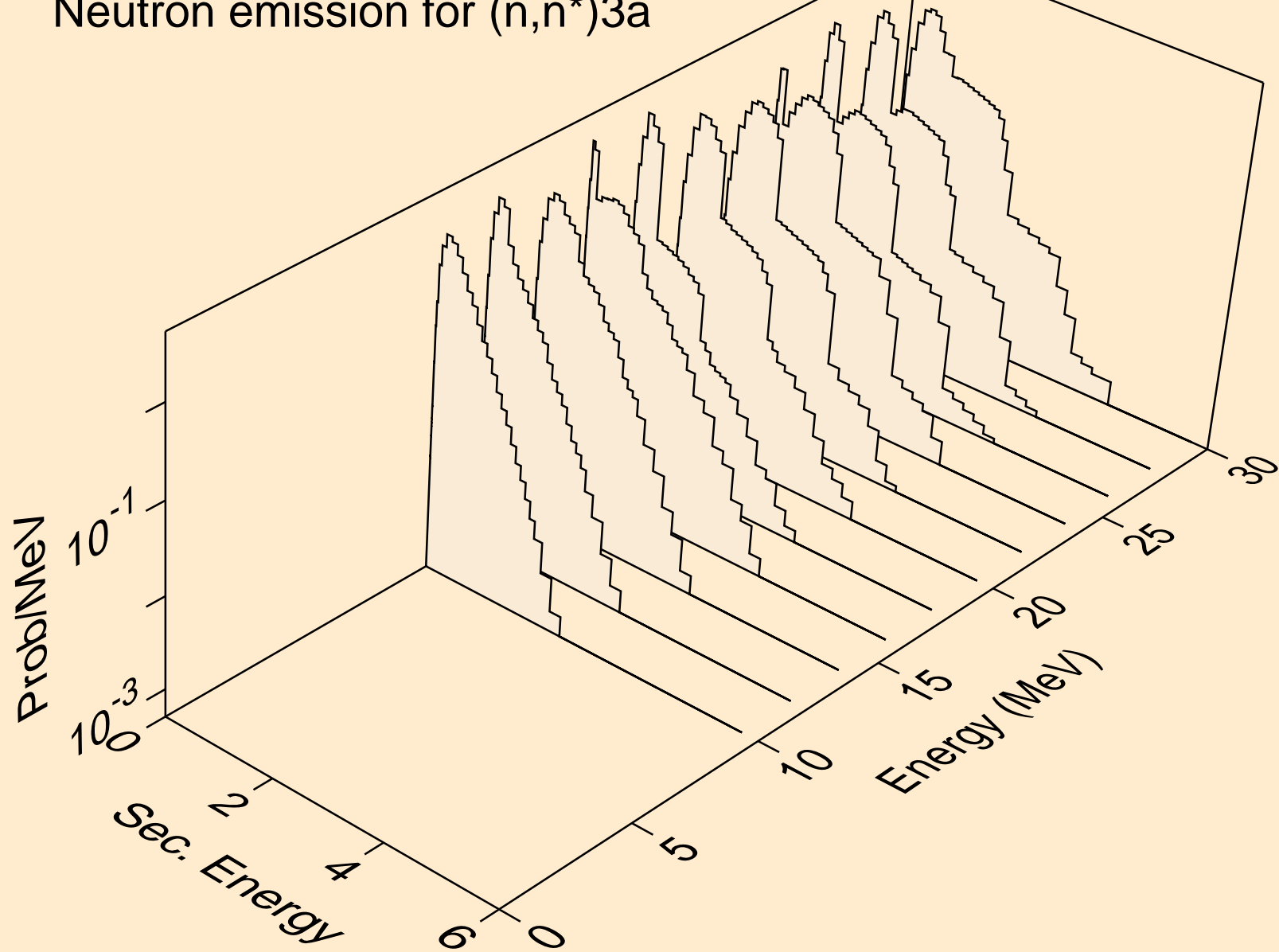


RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

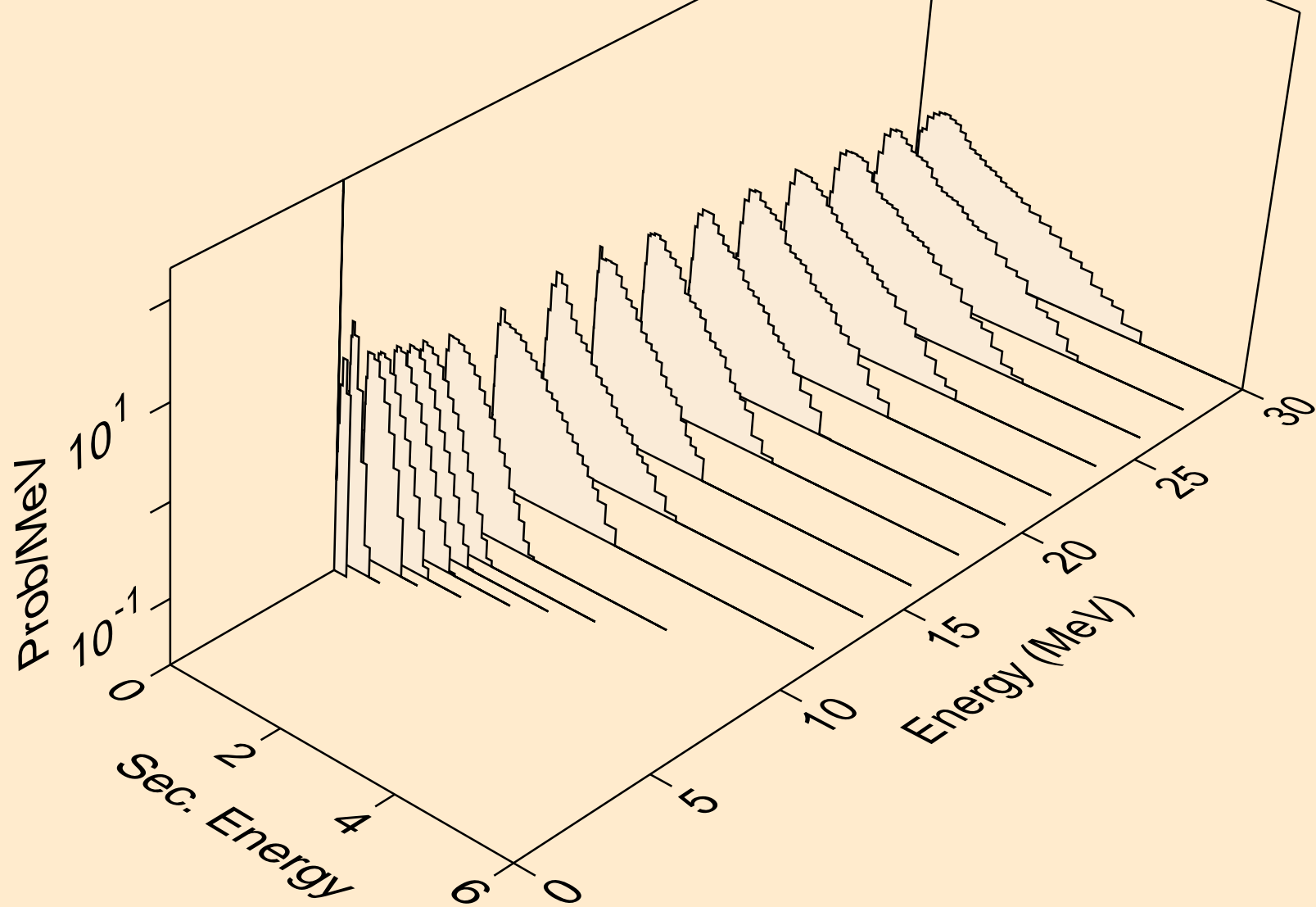




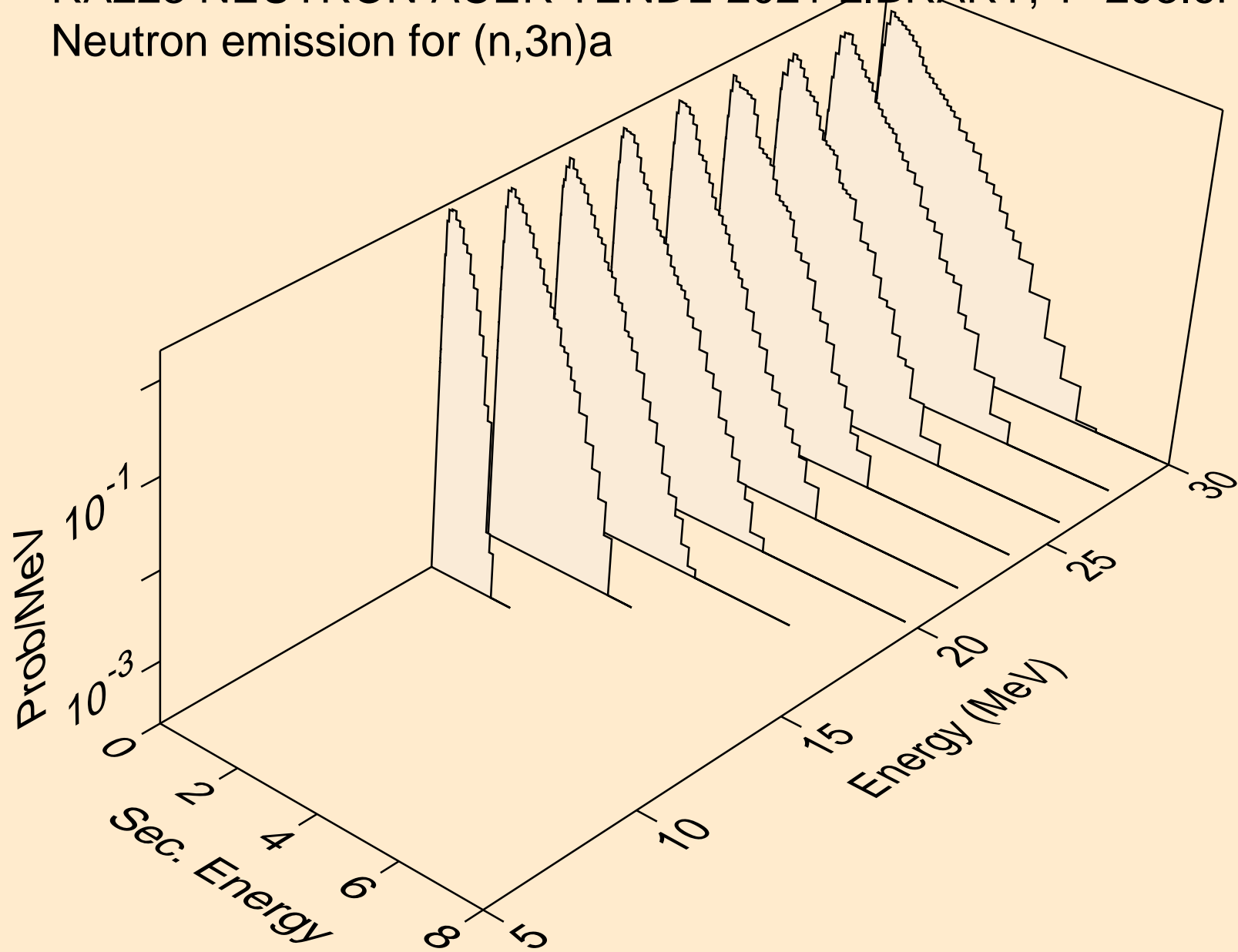
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)3a



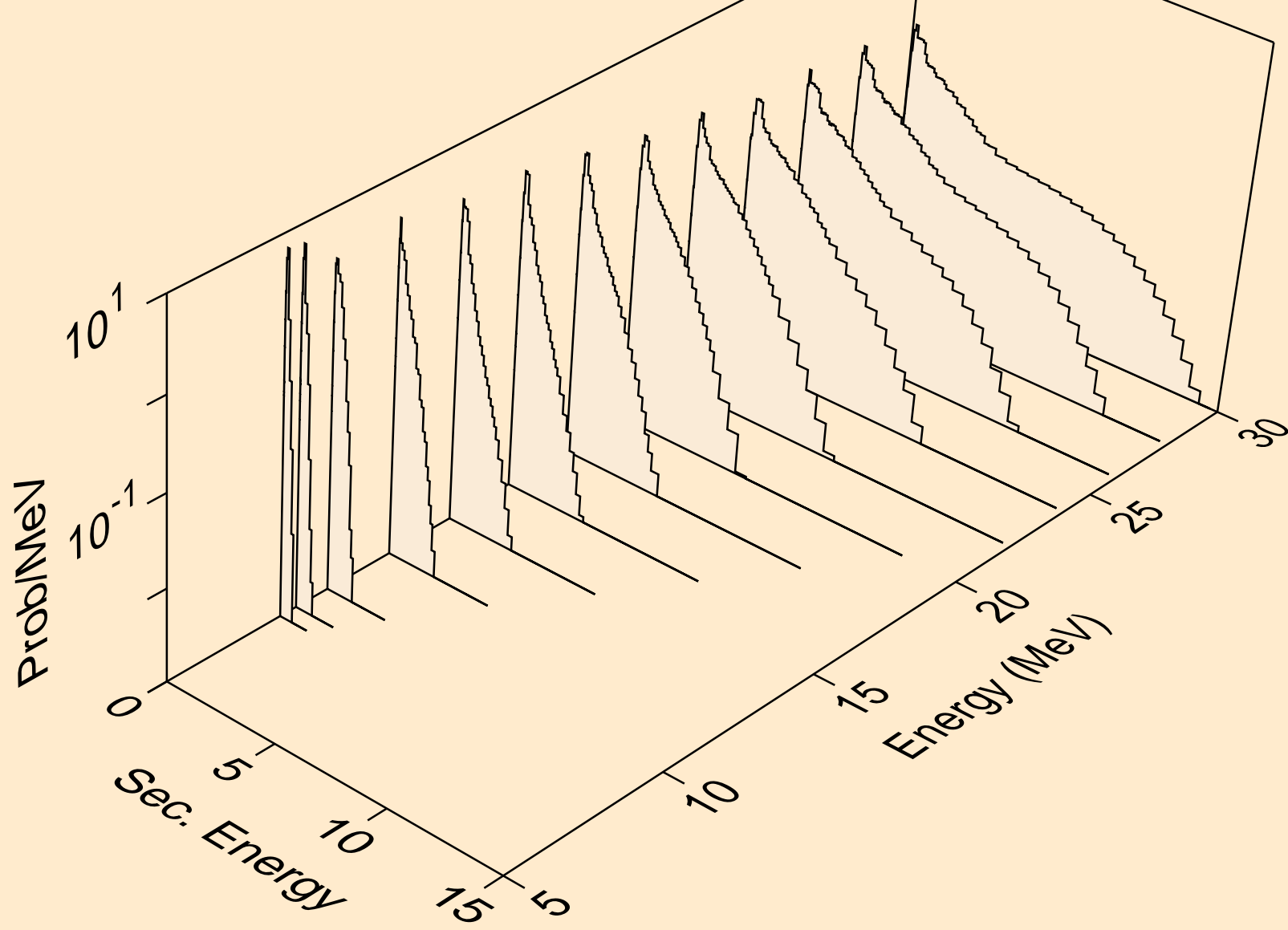
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Neutron emission for (n,2n)a



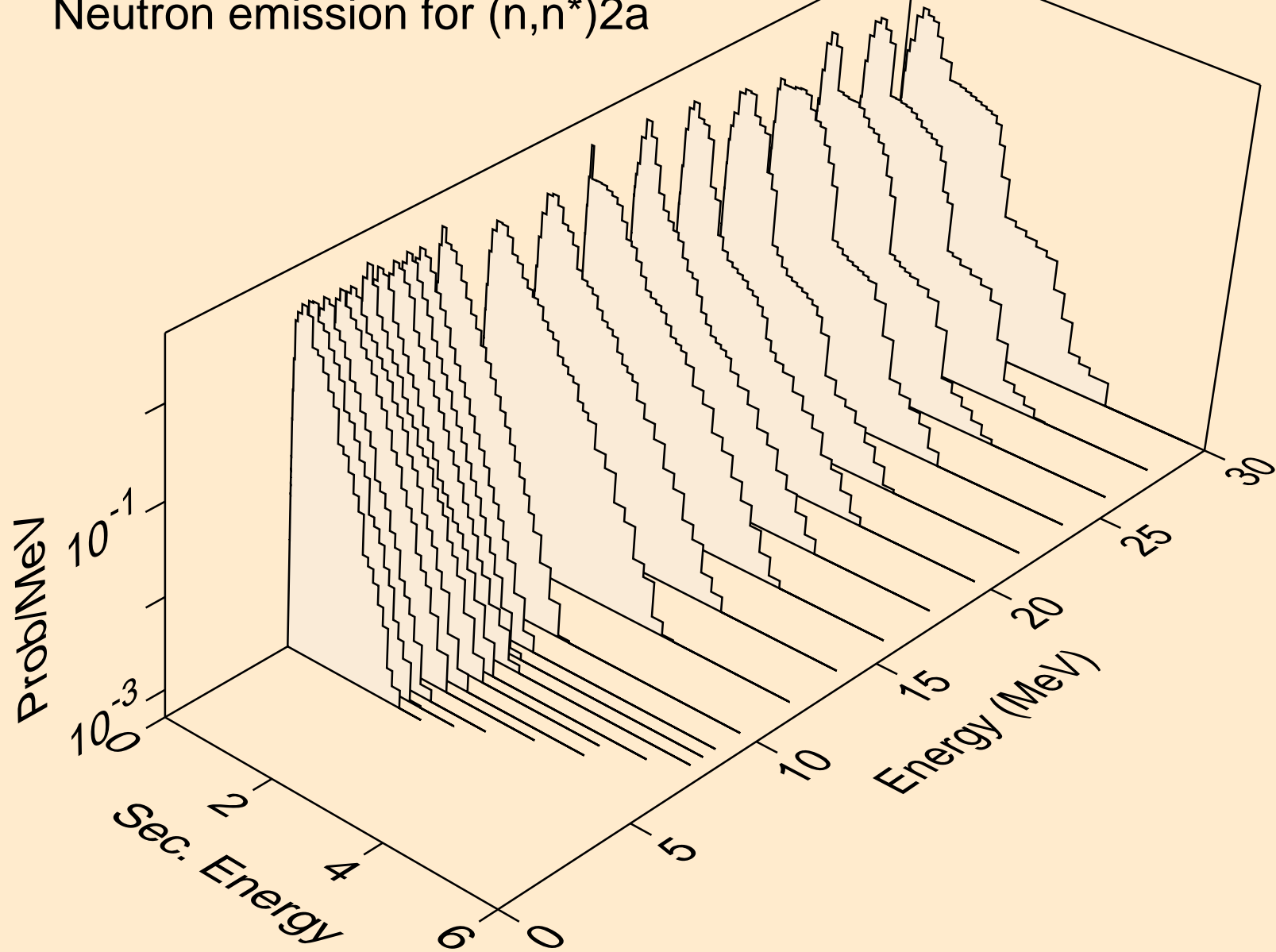
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Neutron emission for (n,3n)a



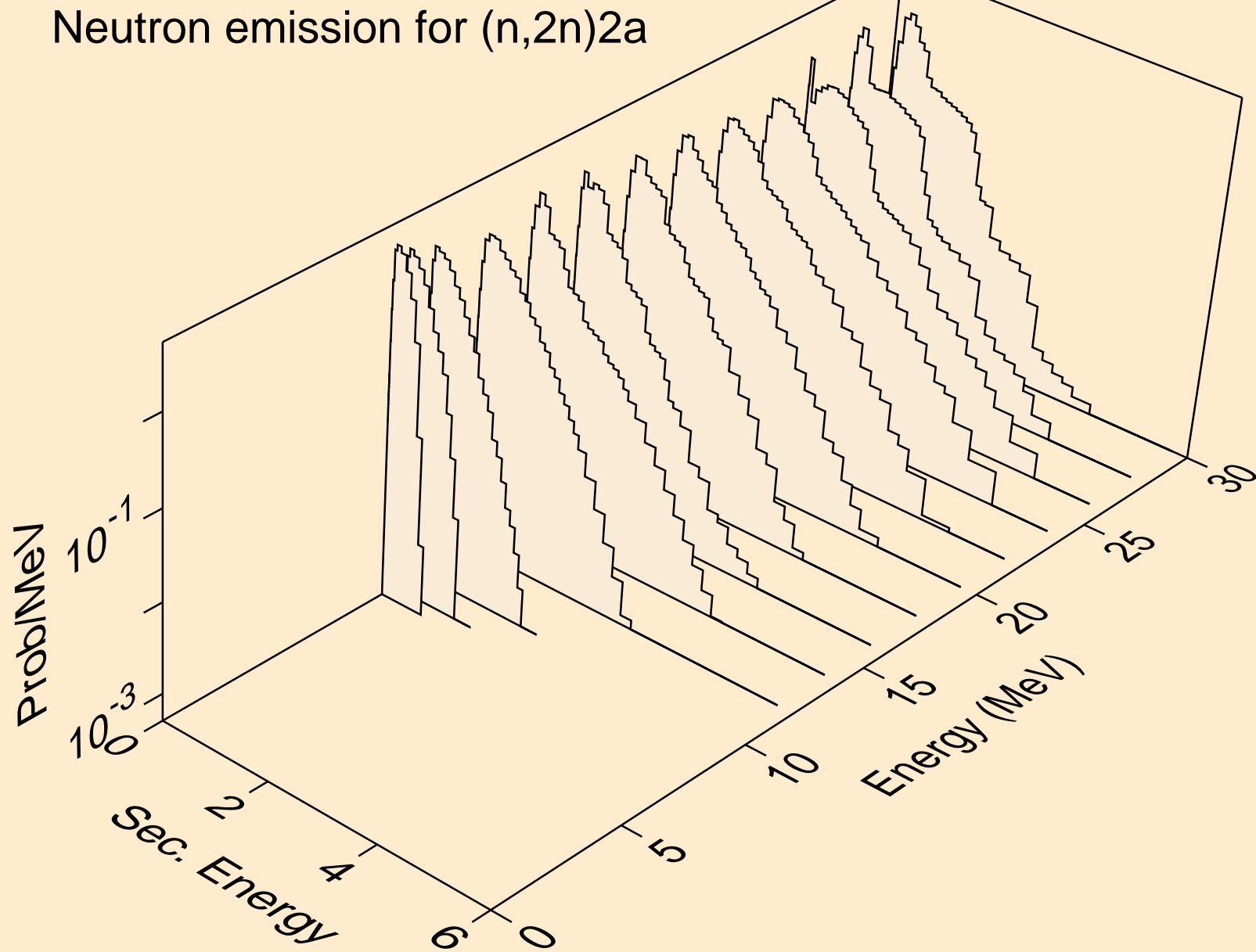
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



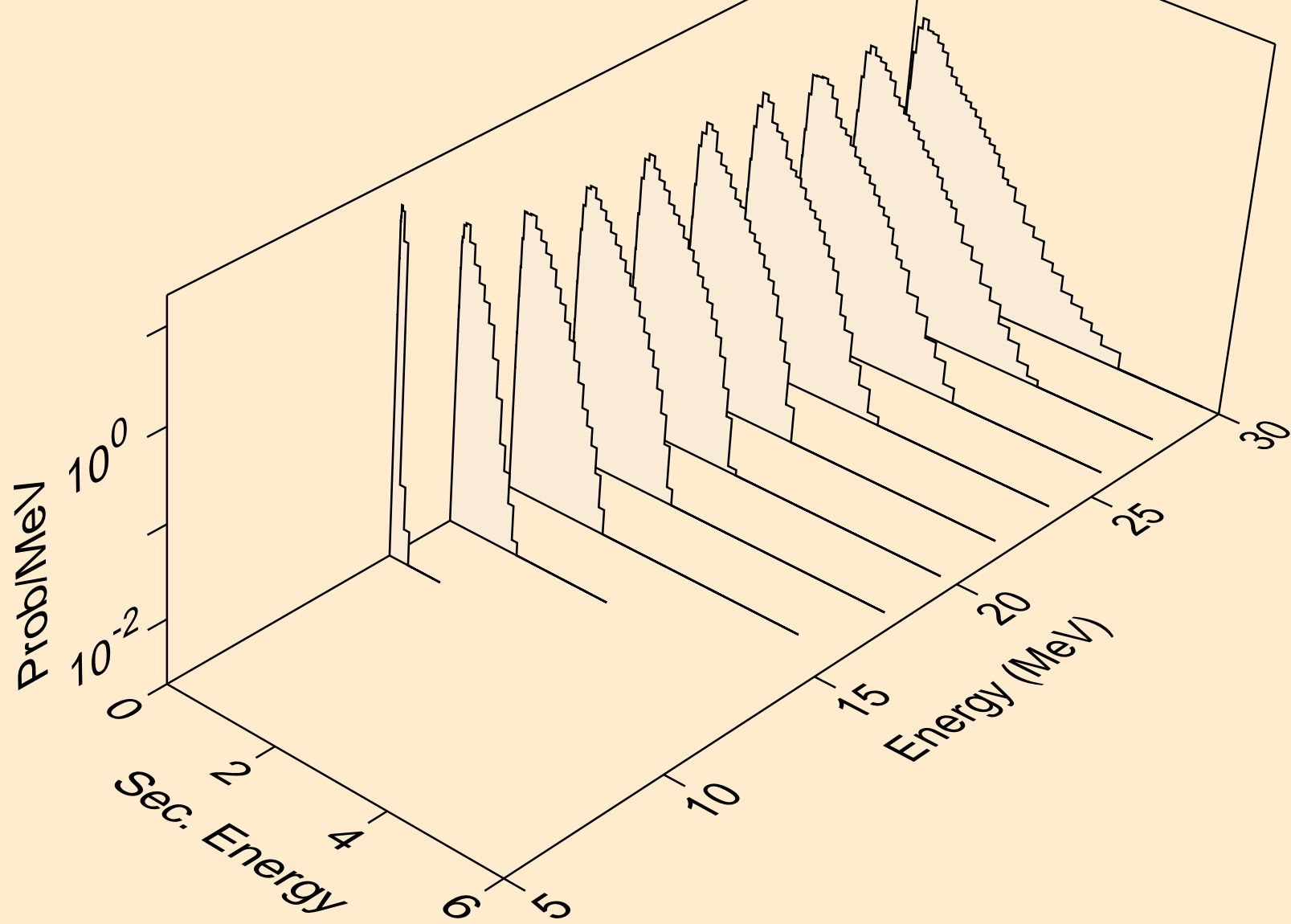
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



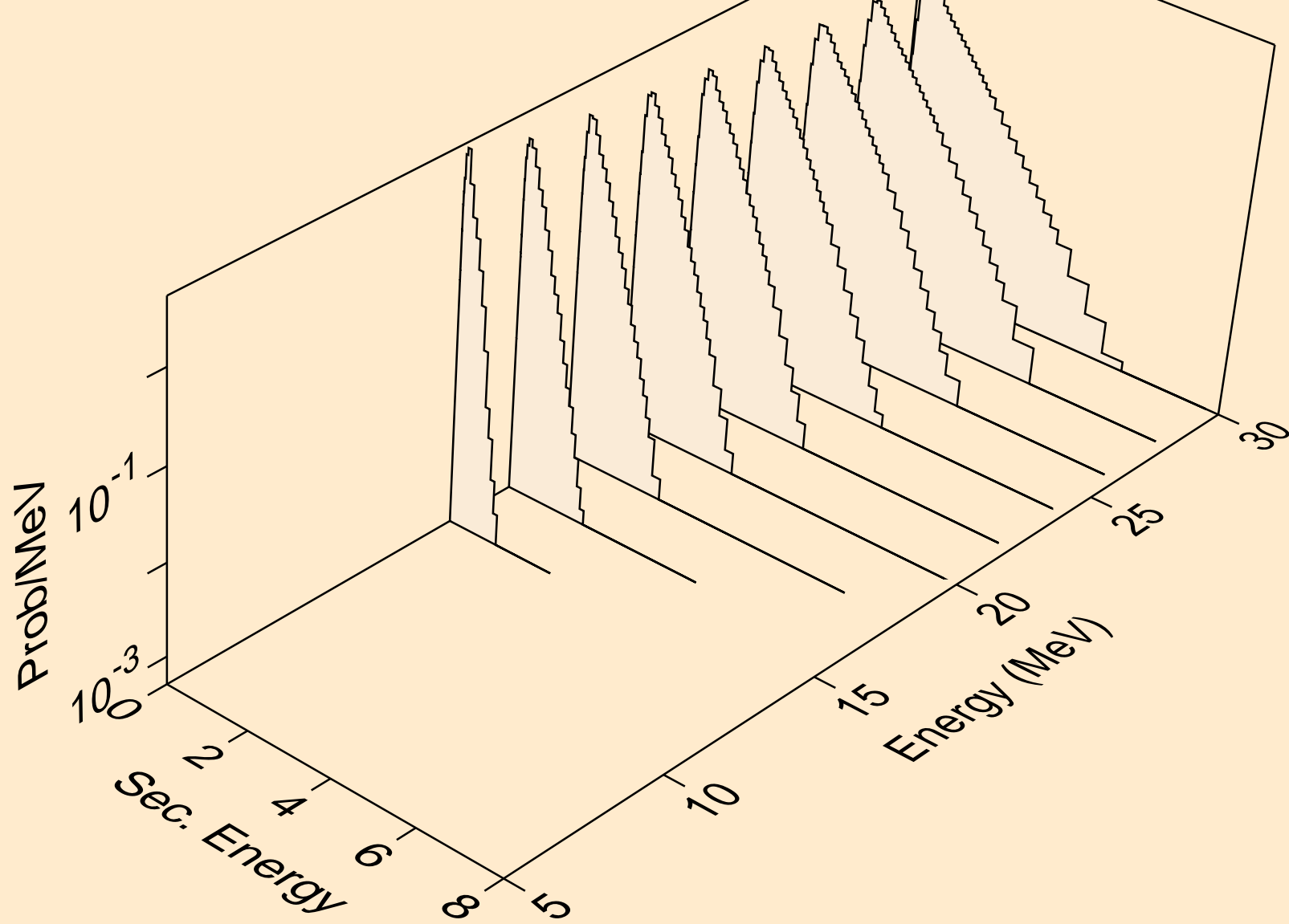
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

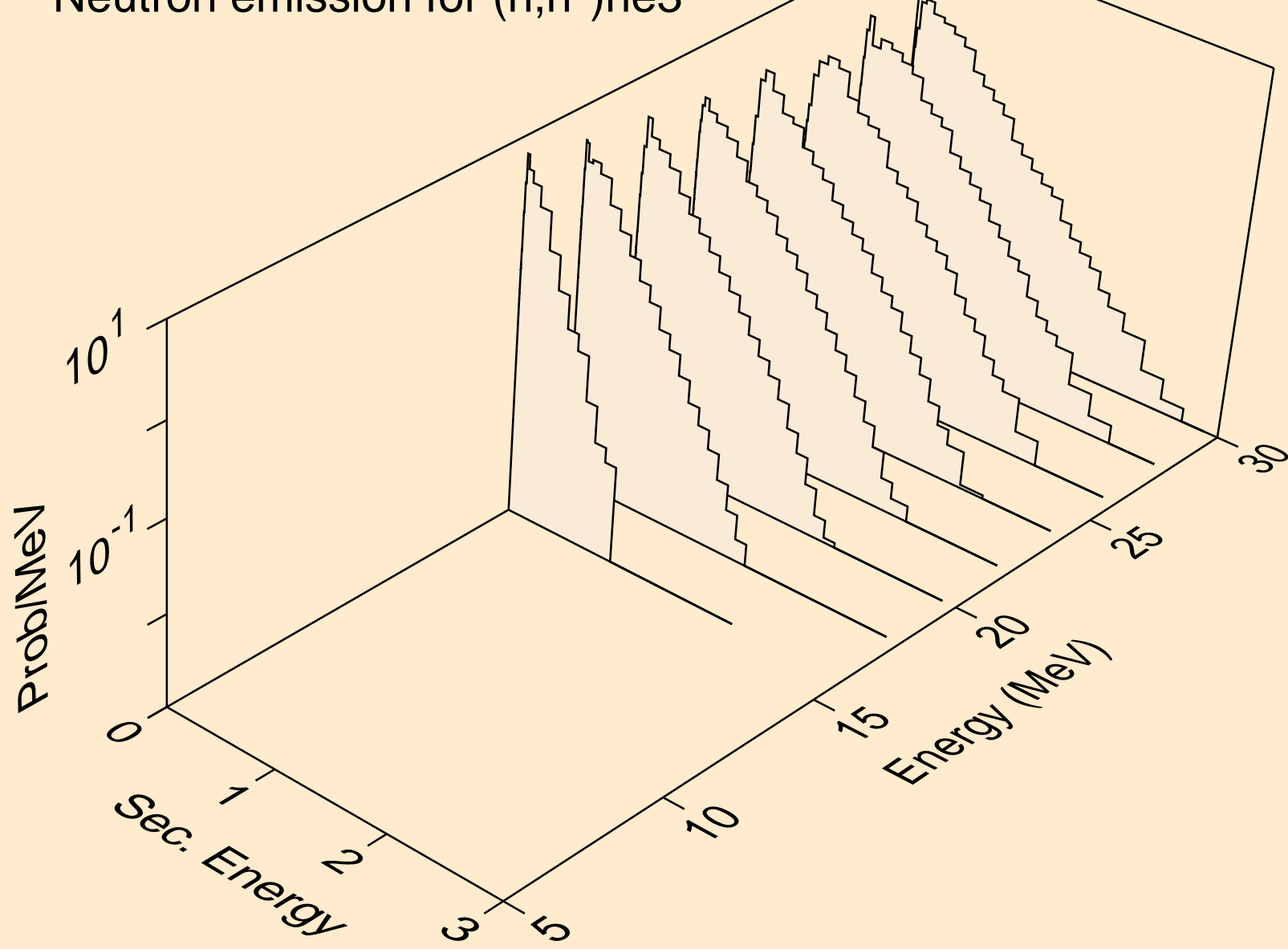


RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

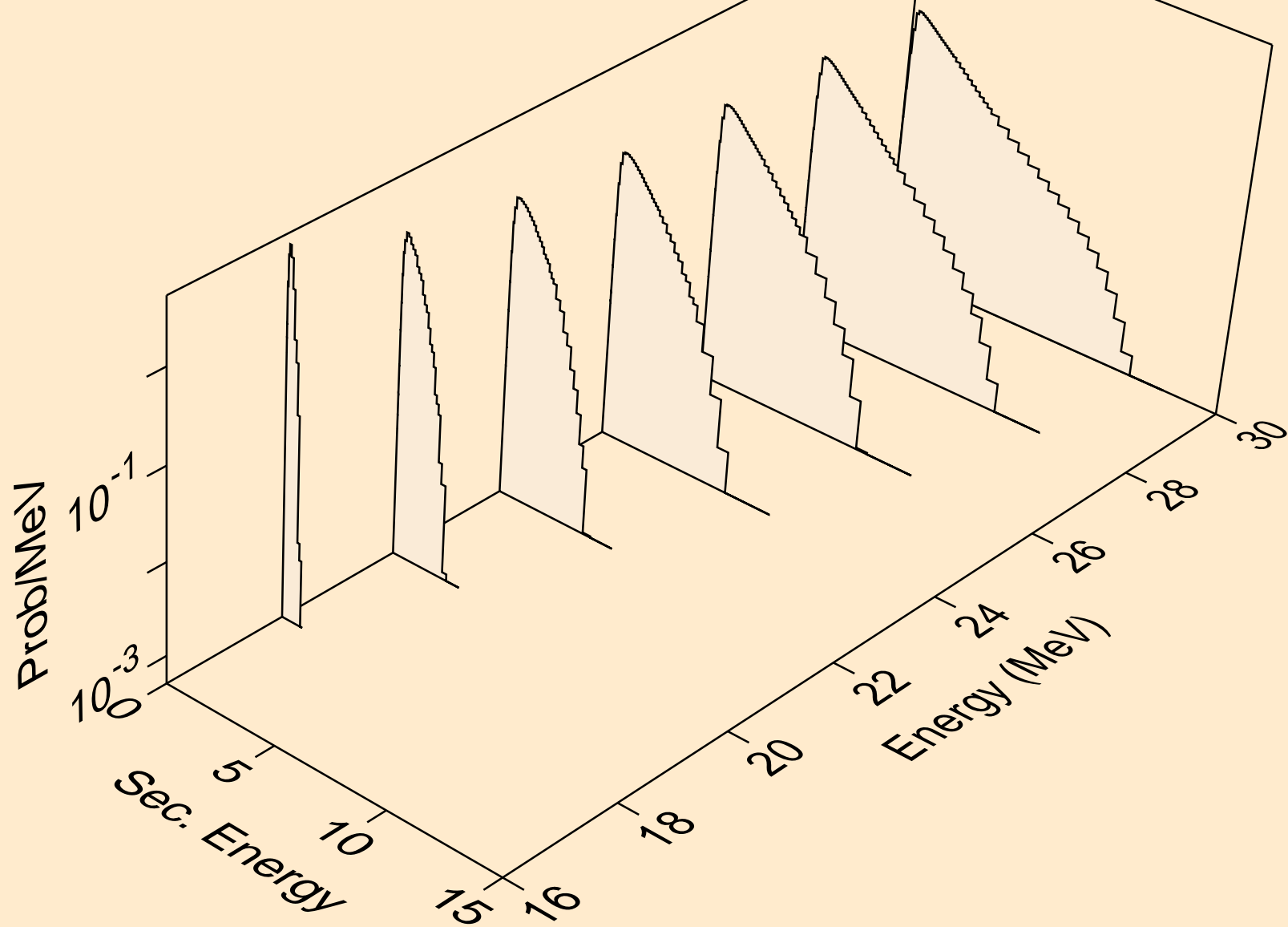




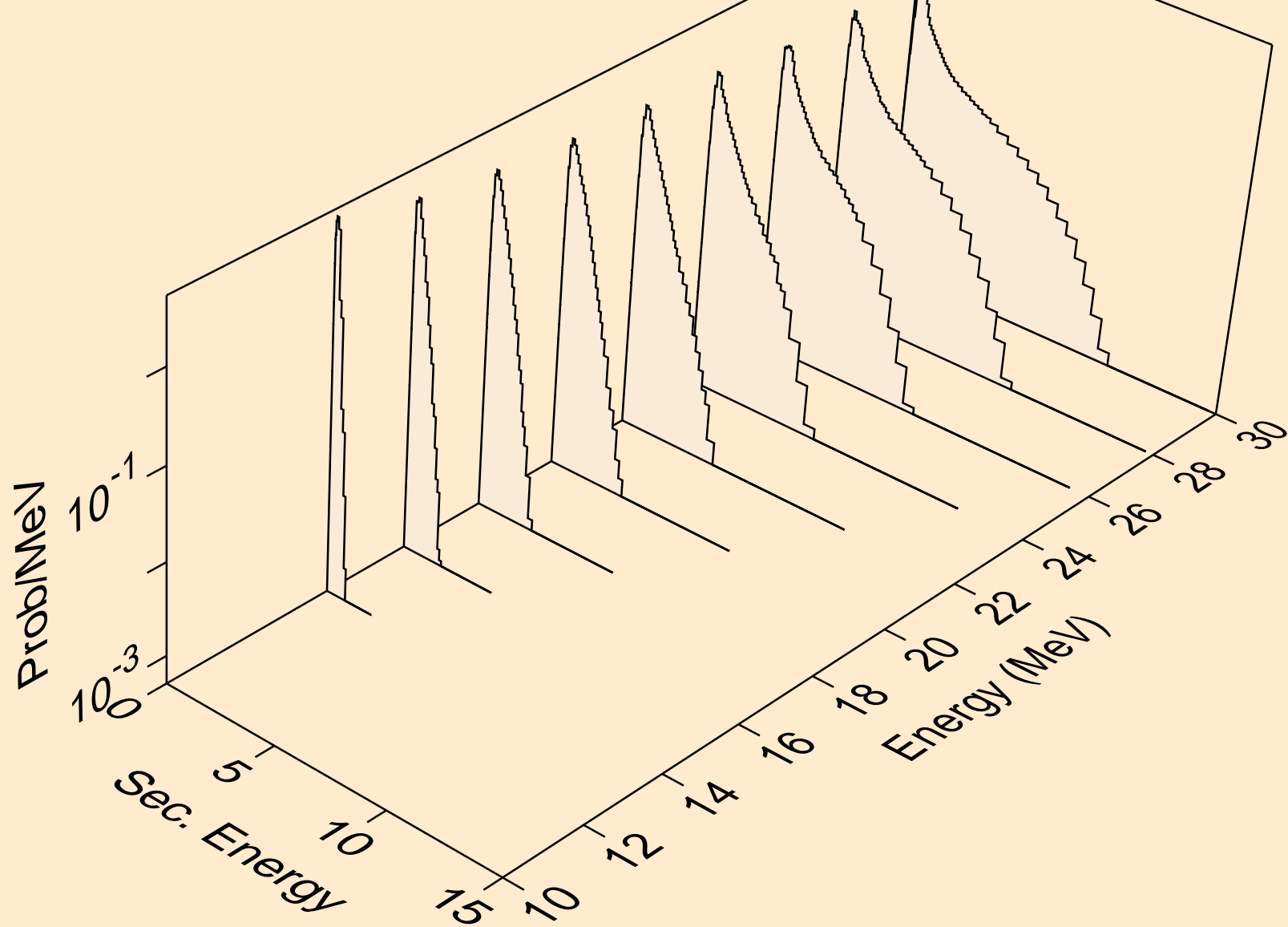
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



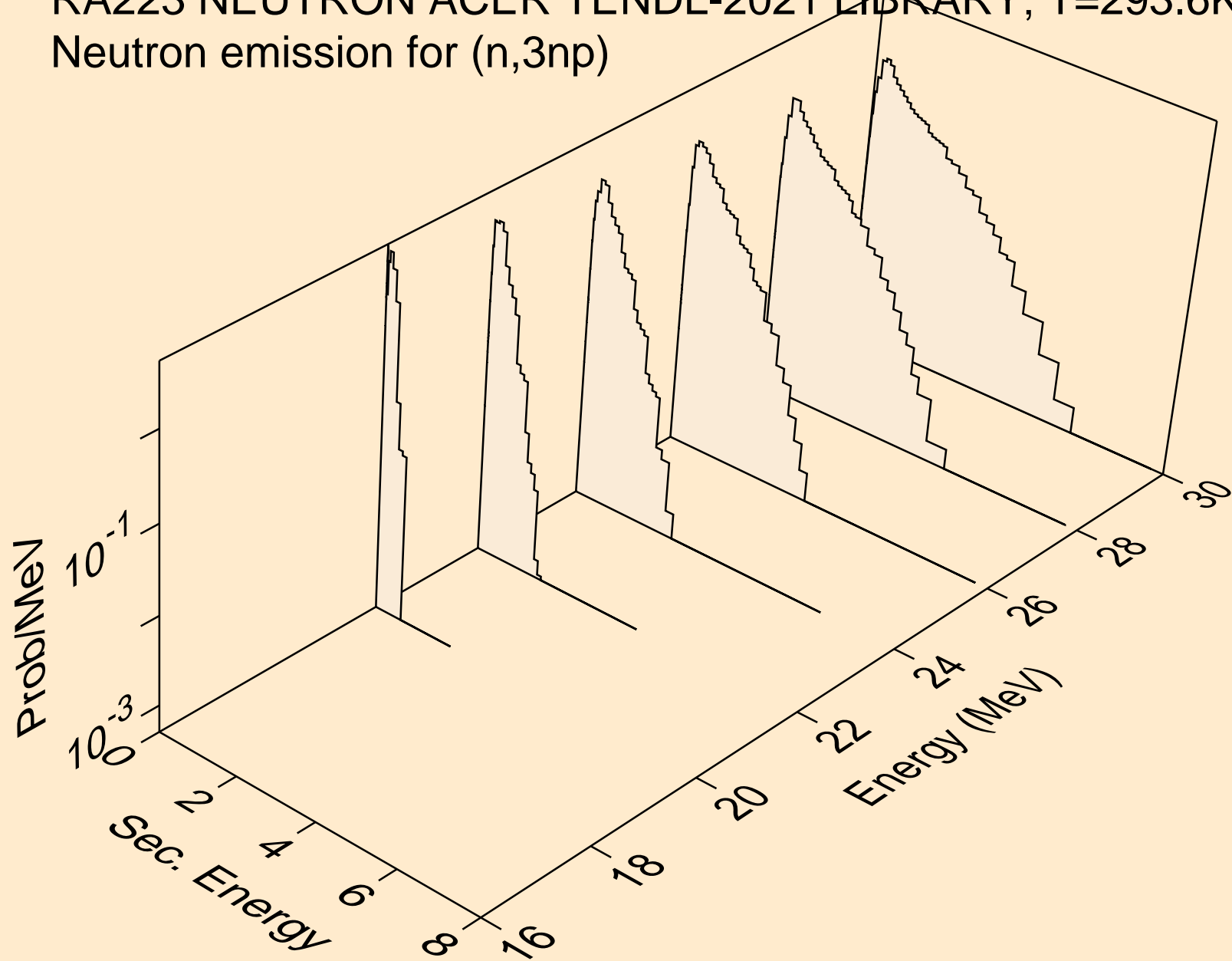
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



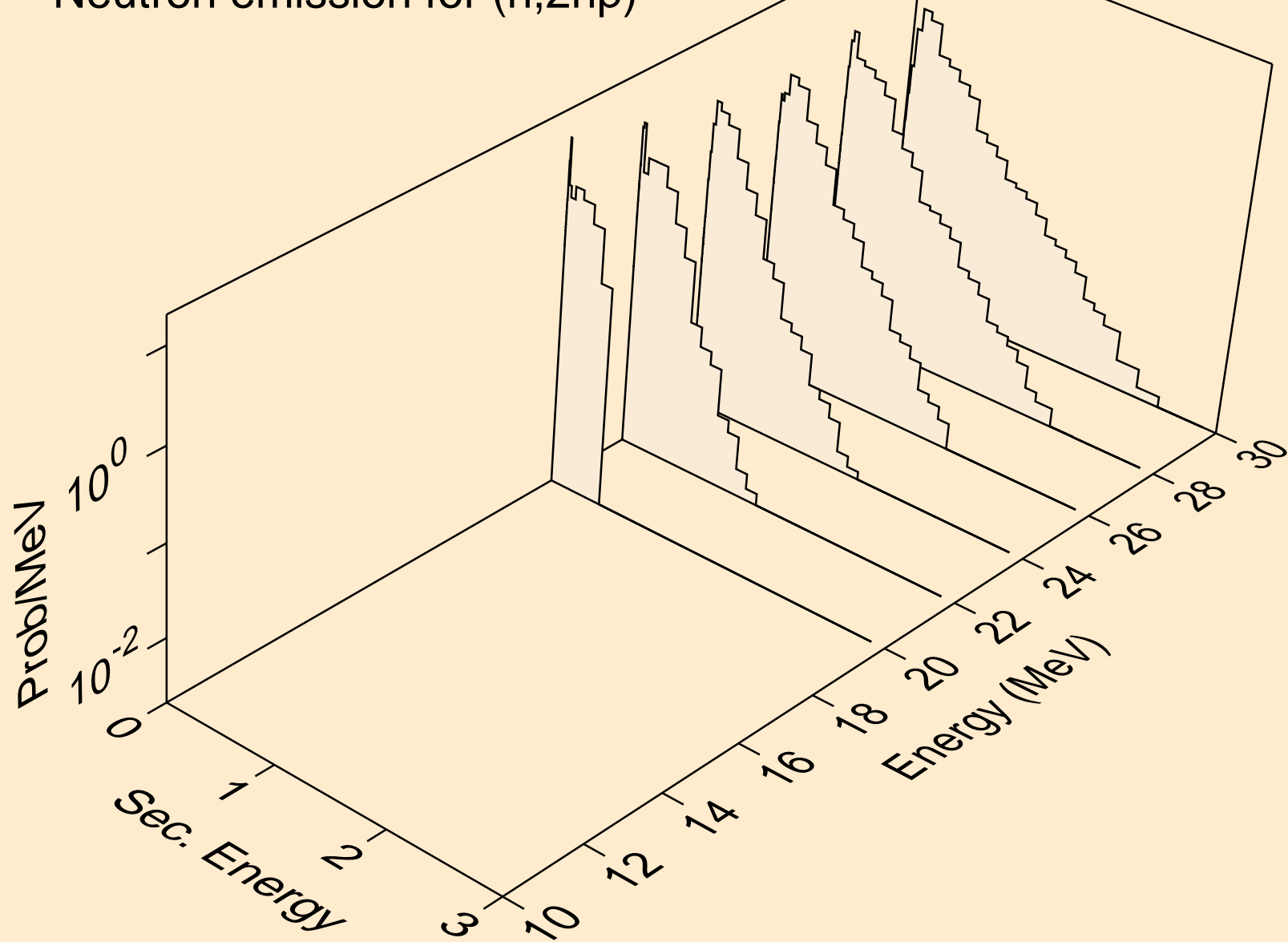
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



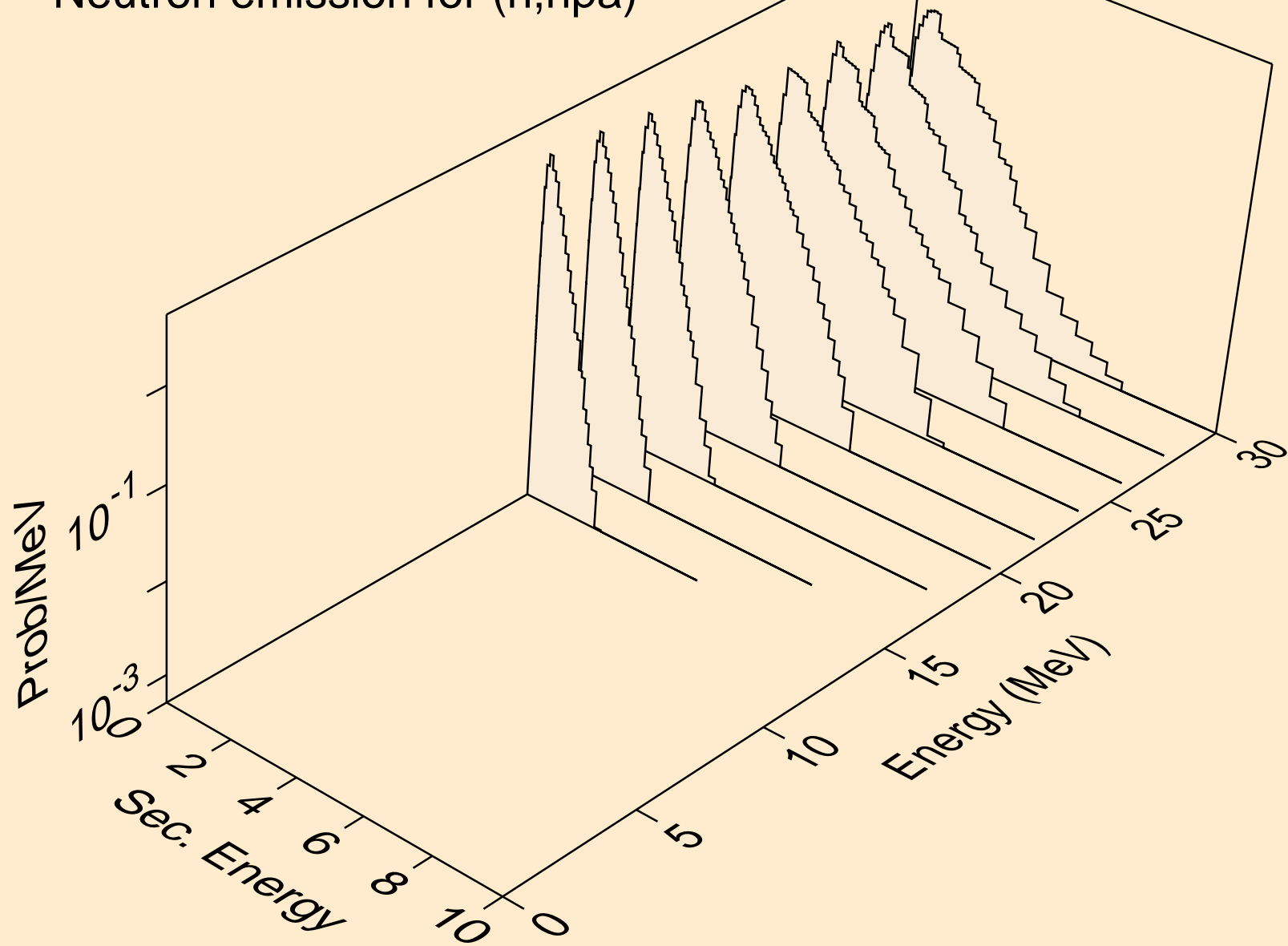
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



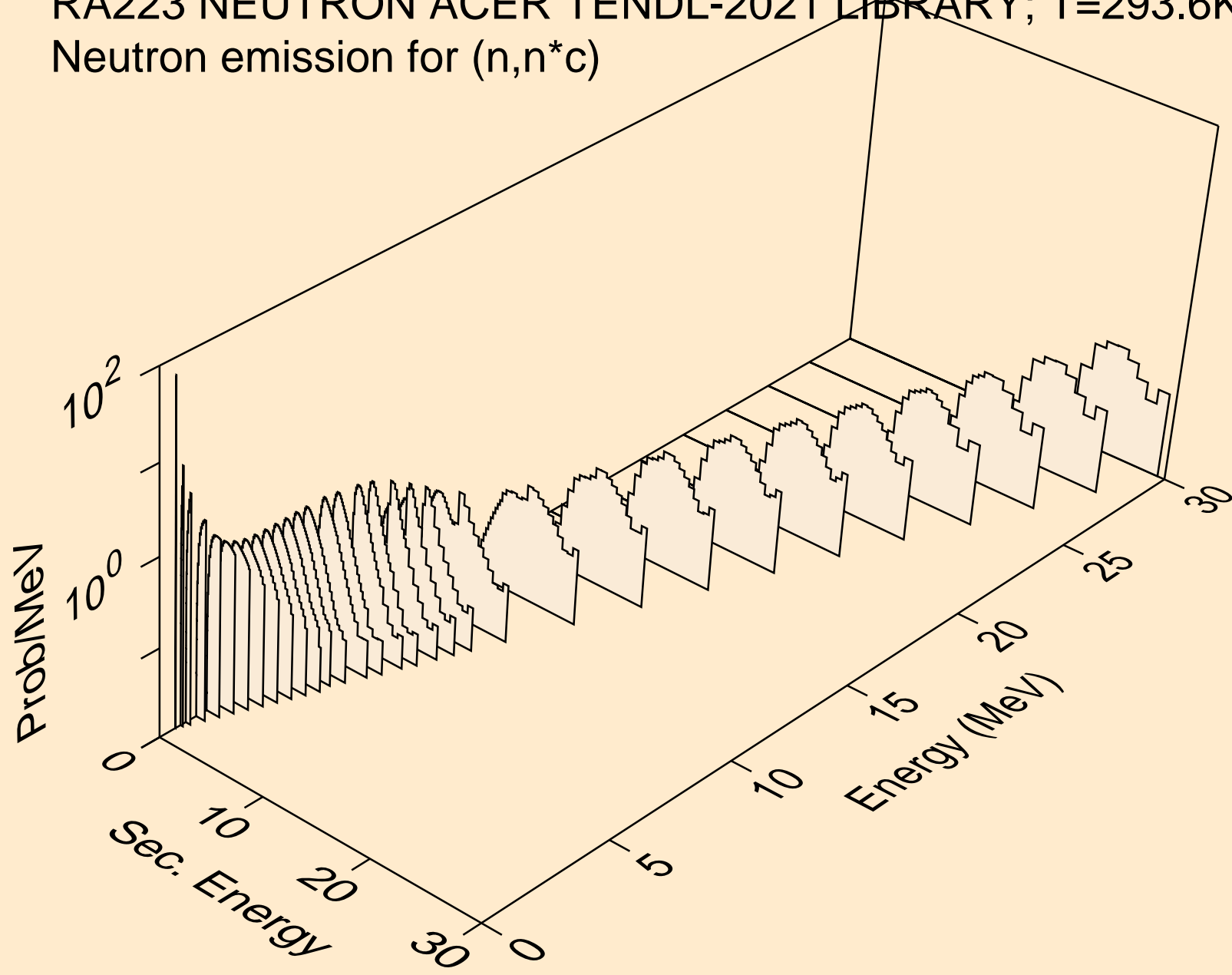
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

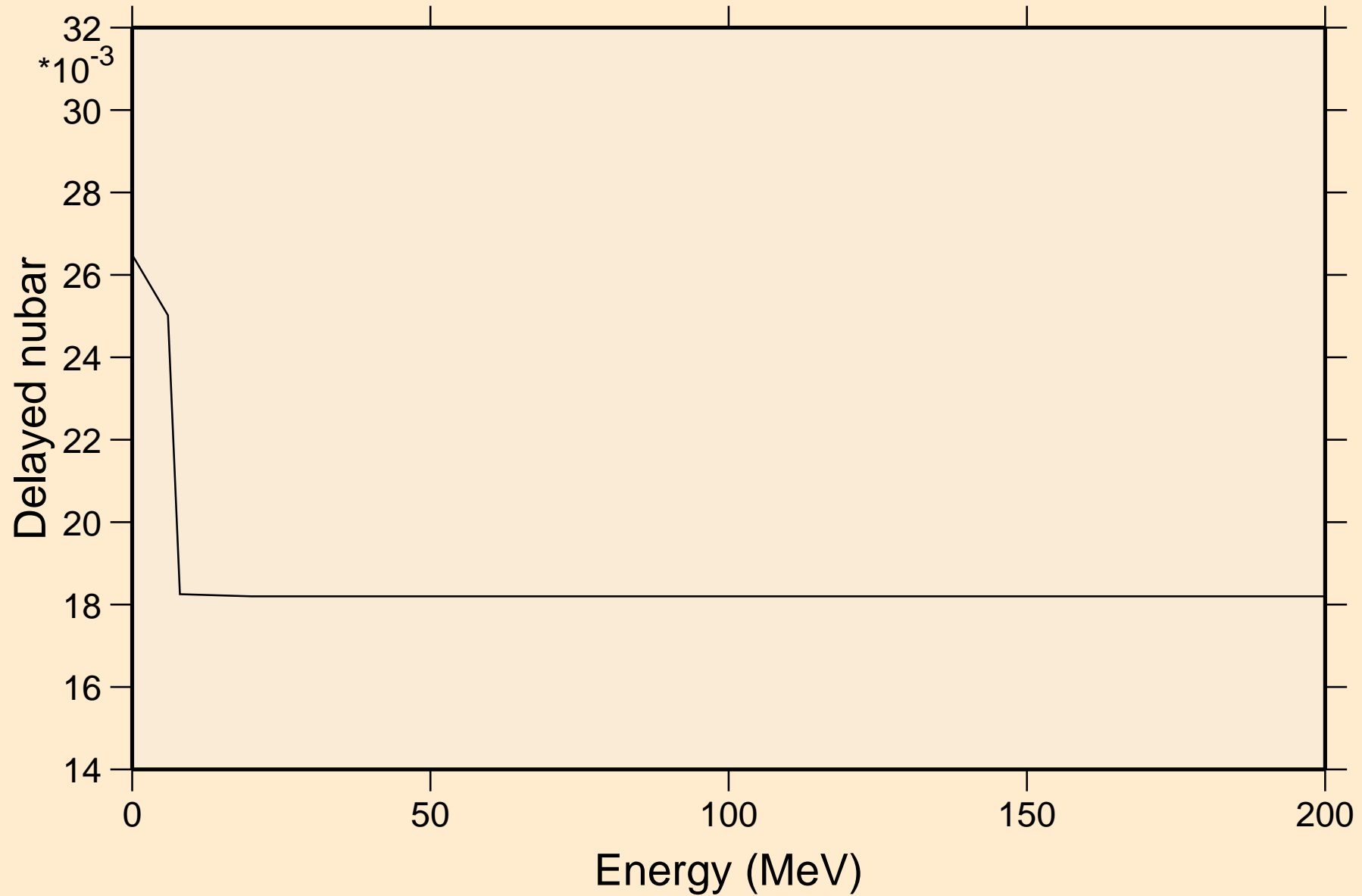


RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

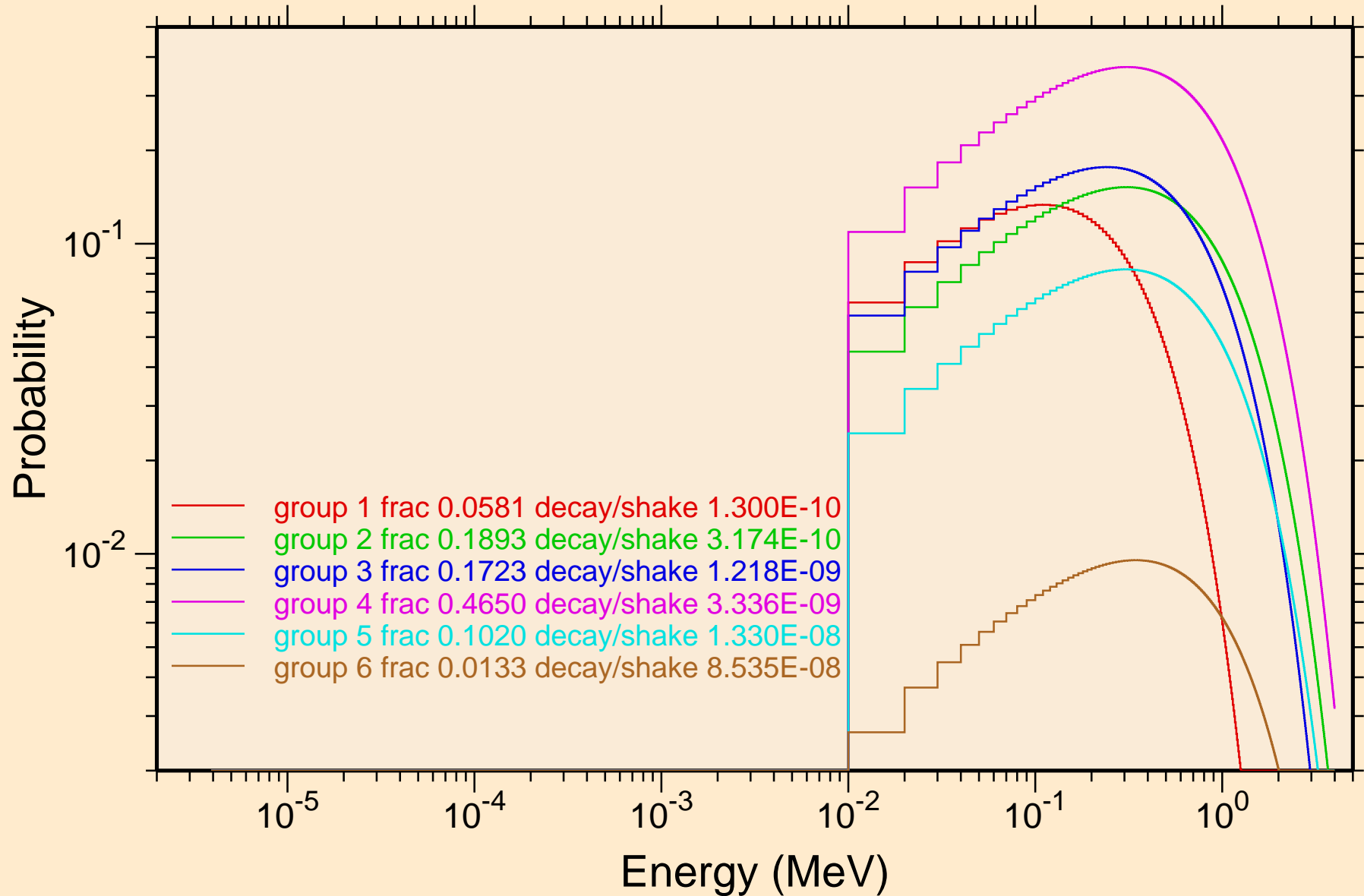
Delayed nubar



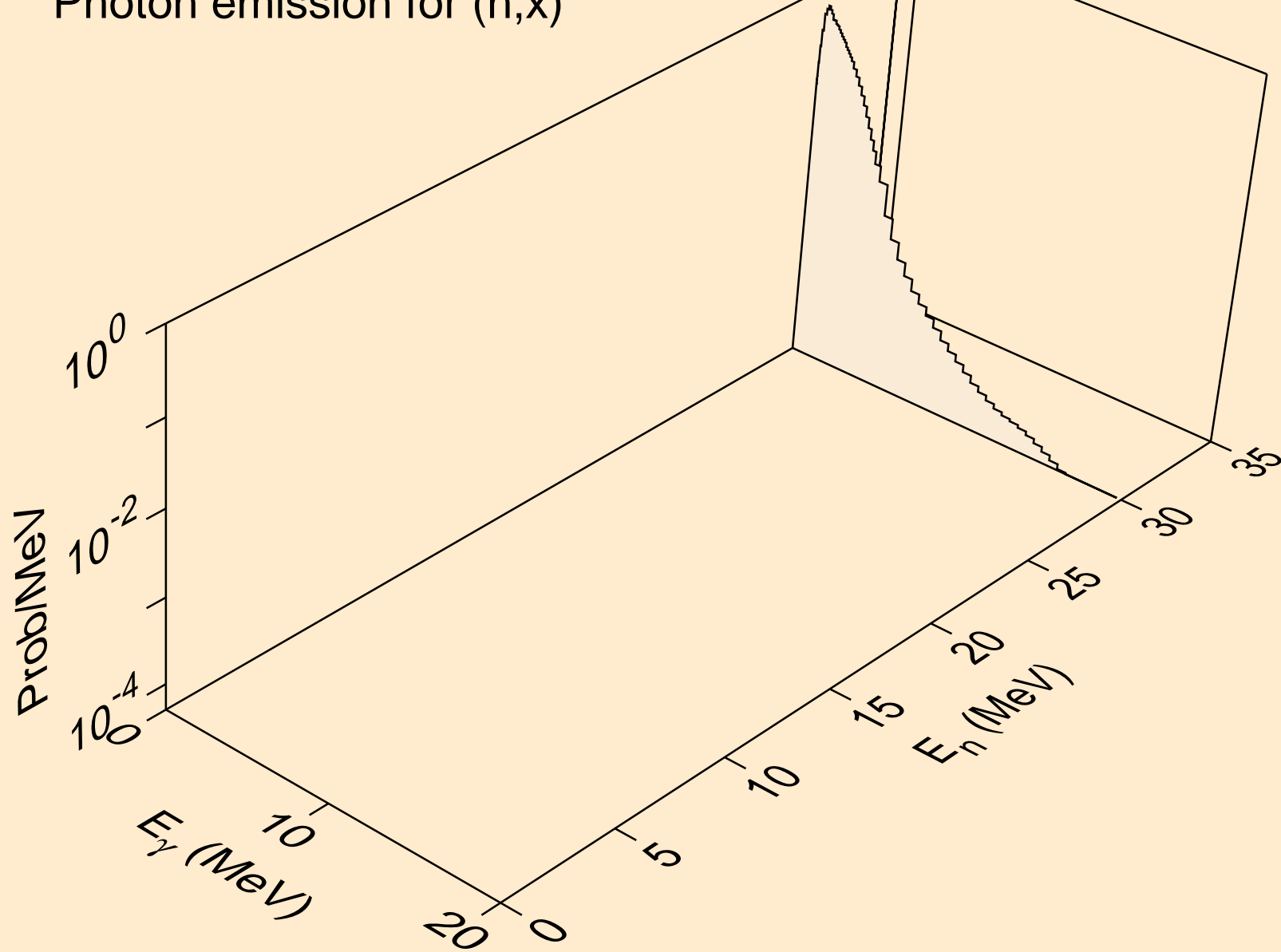


# RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

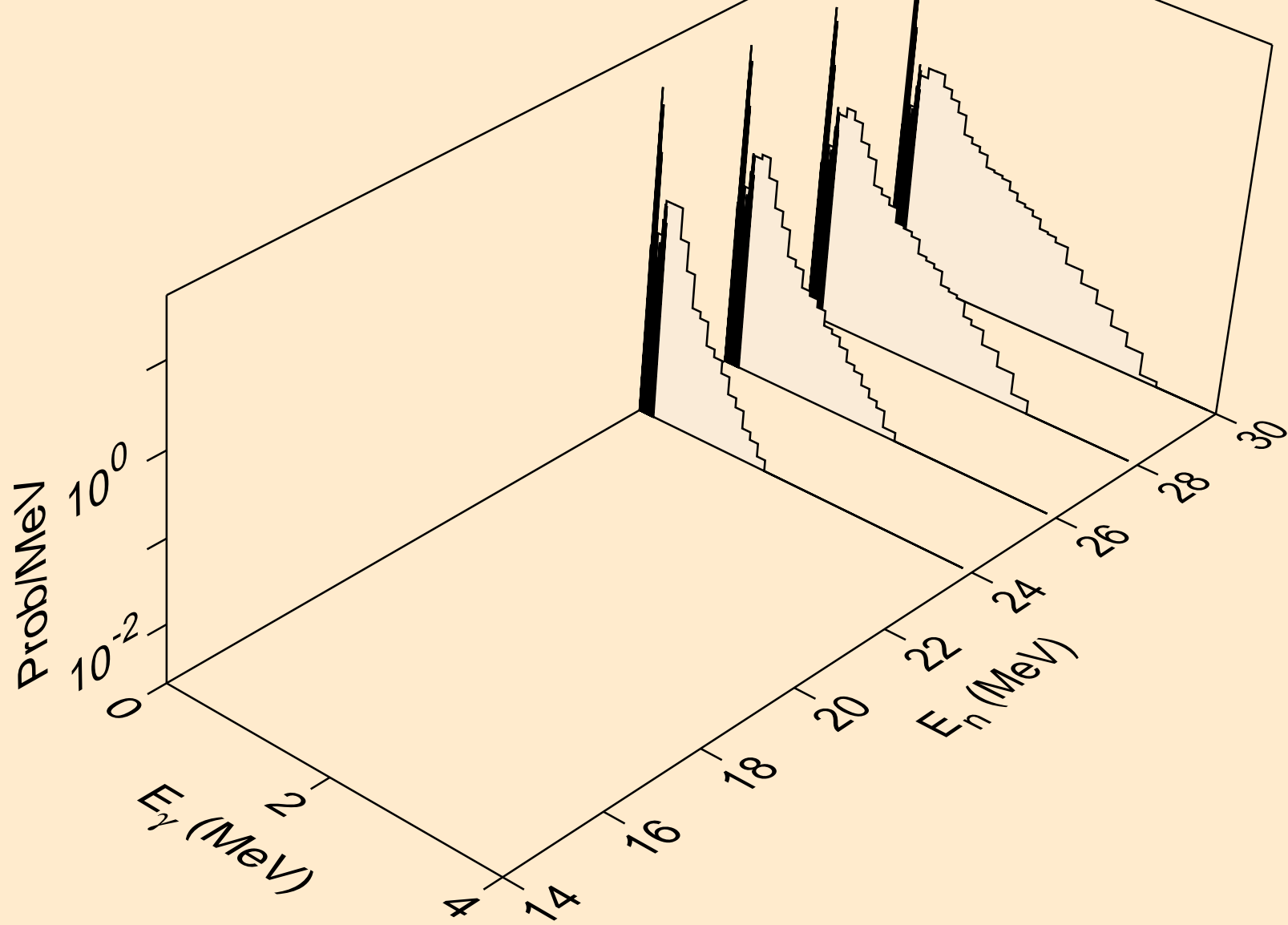
## Delayed neutron spectra



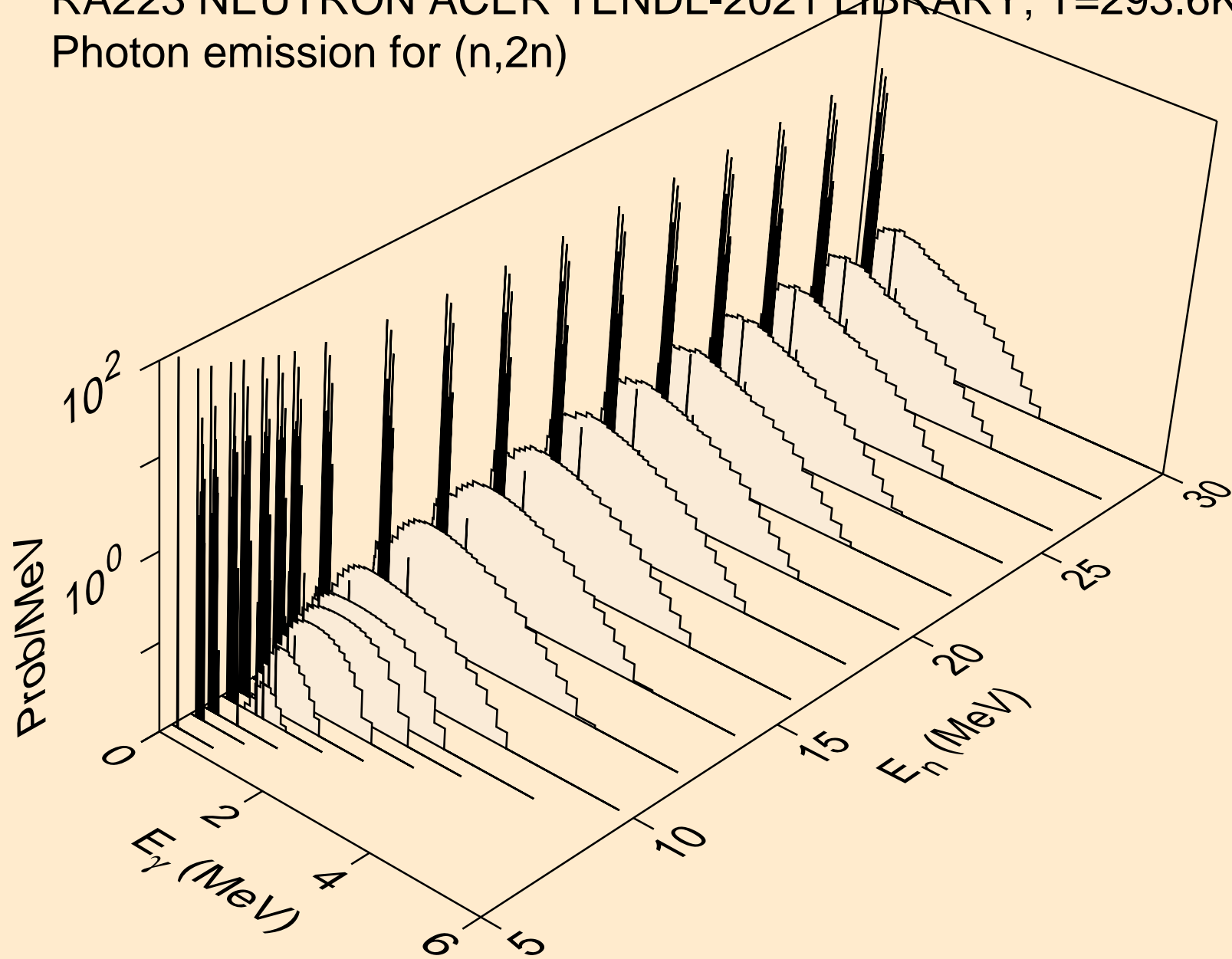
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



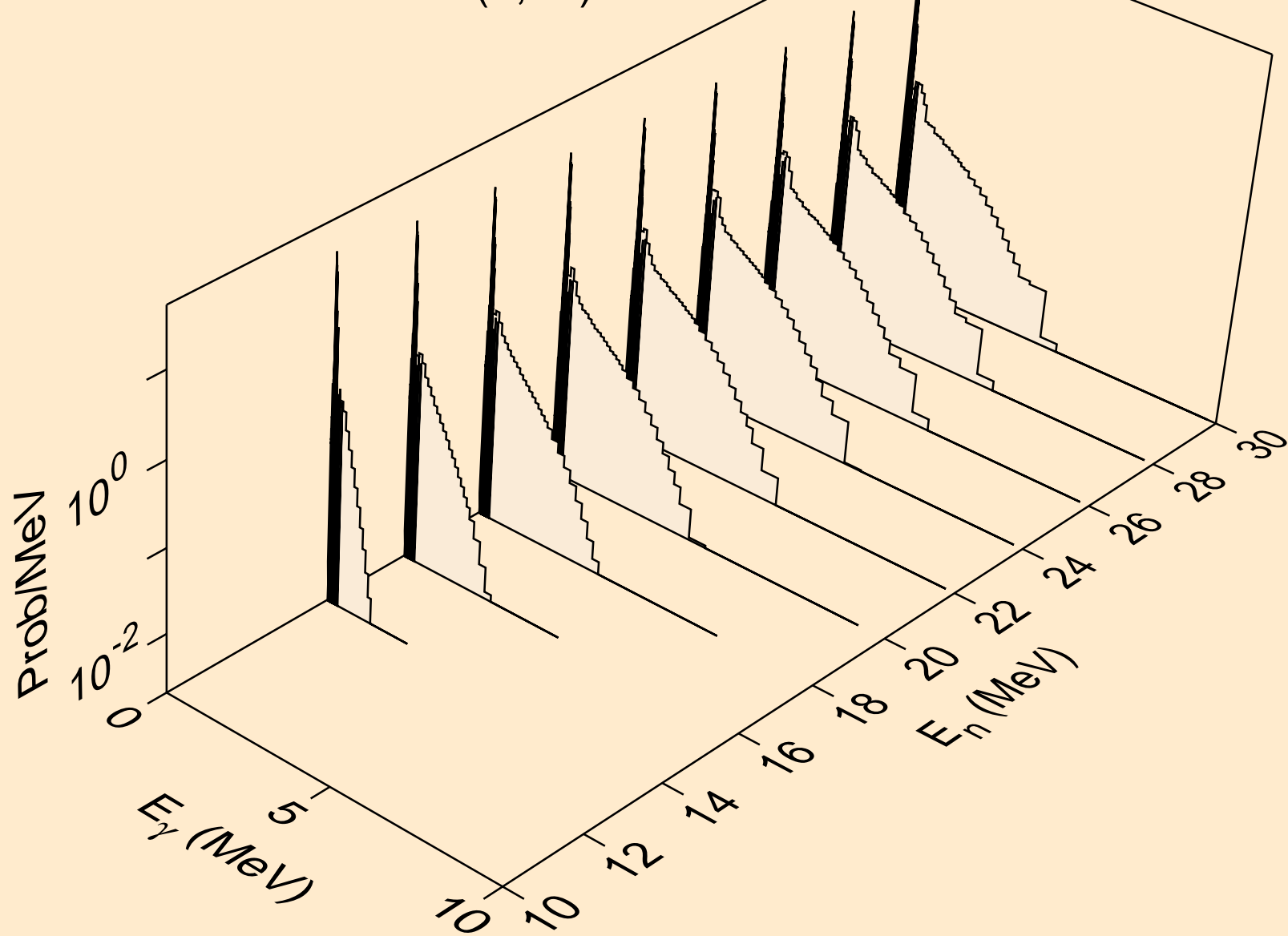
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



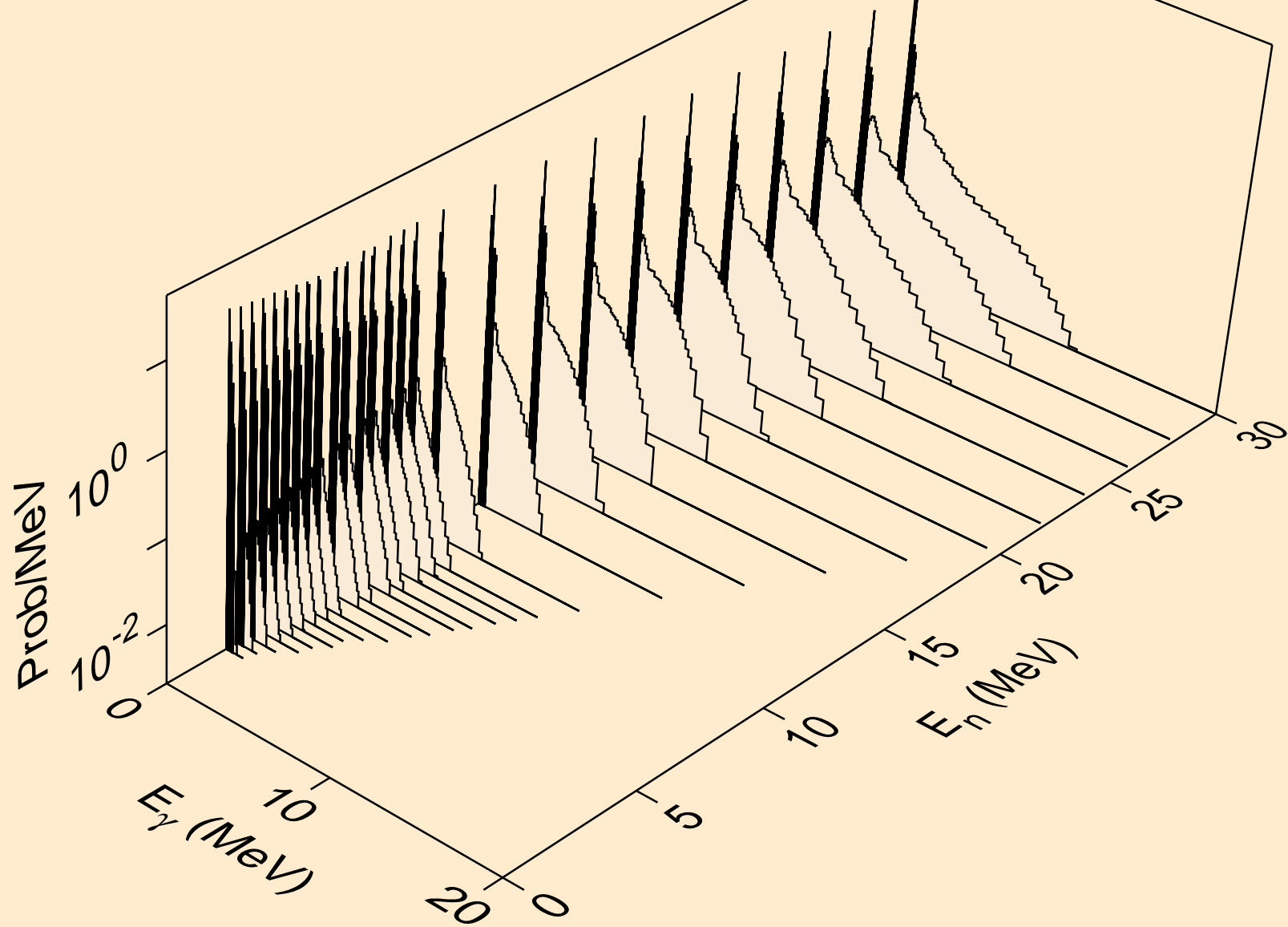
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Photon emission for (n,2n)



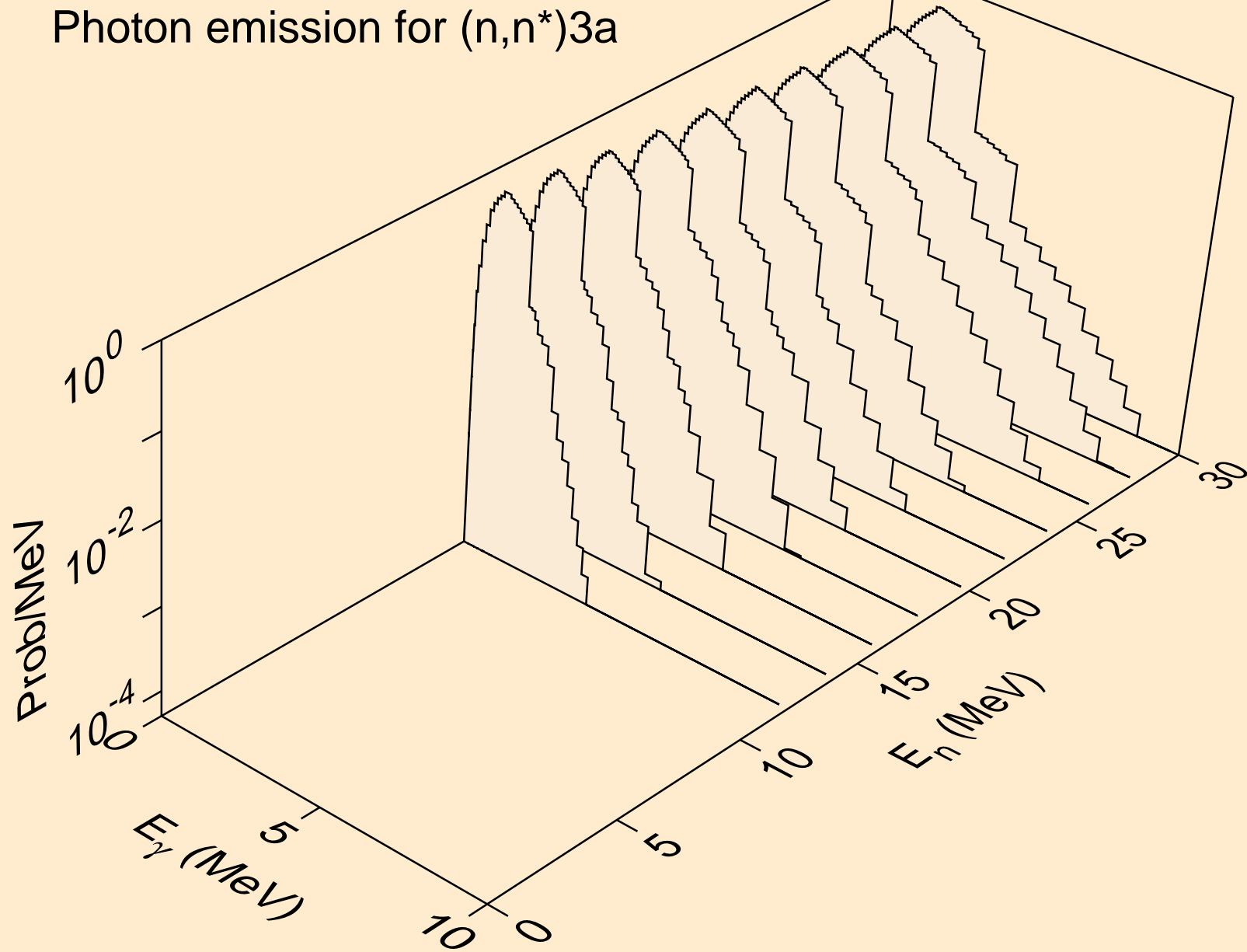
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



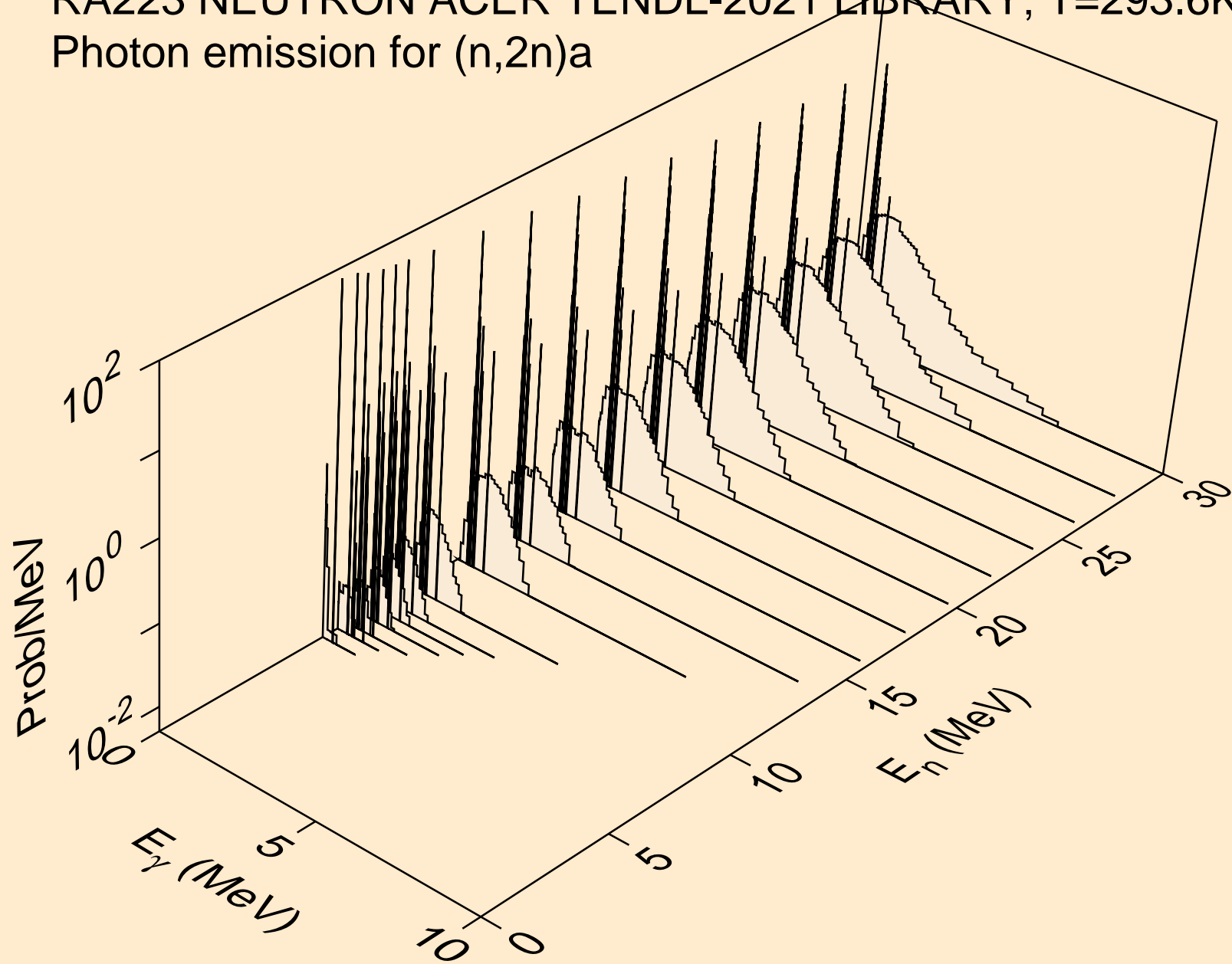
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)3a

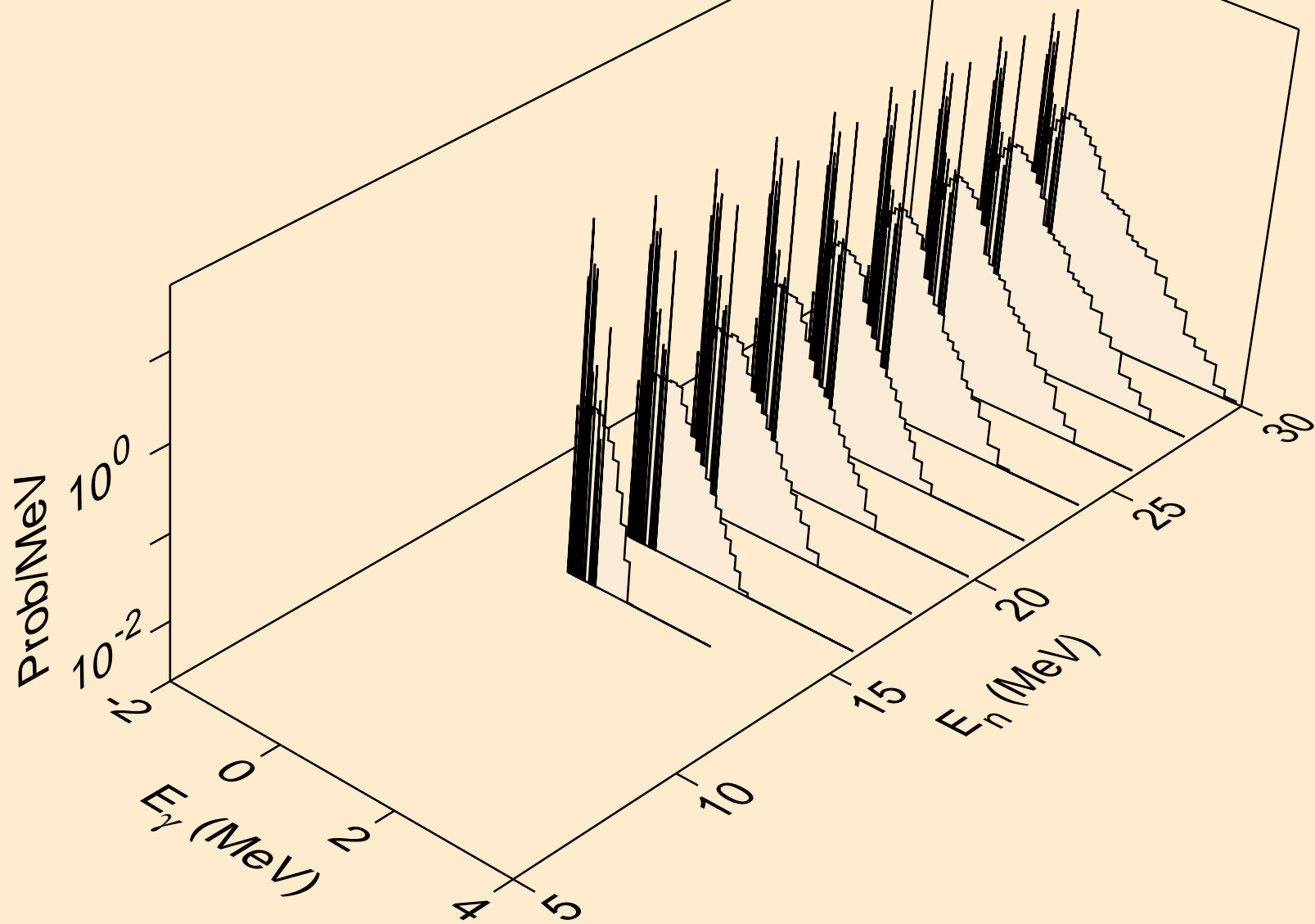


RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

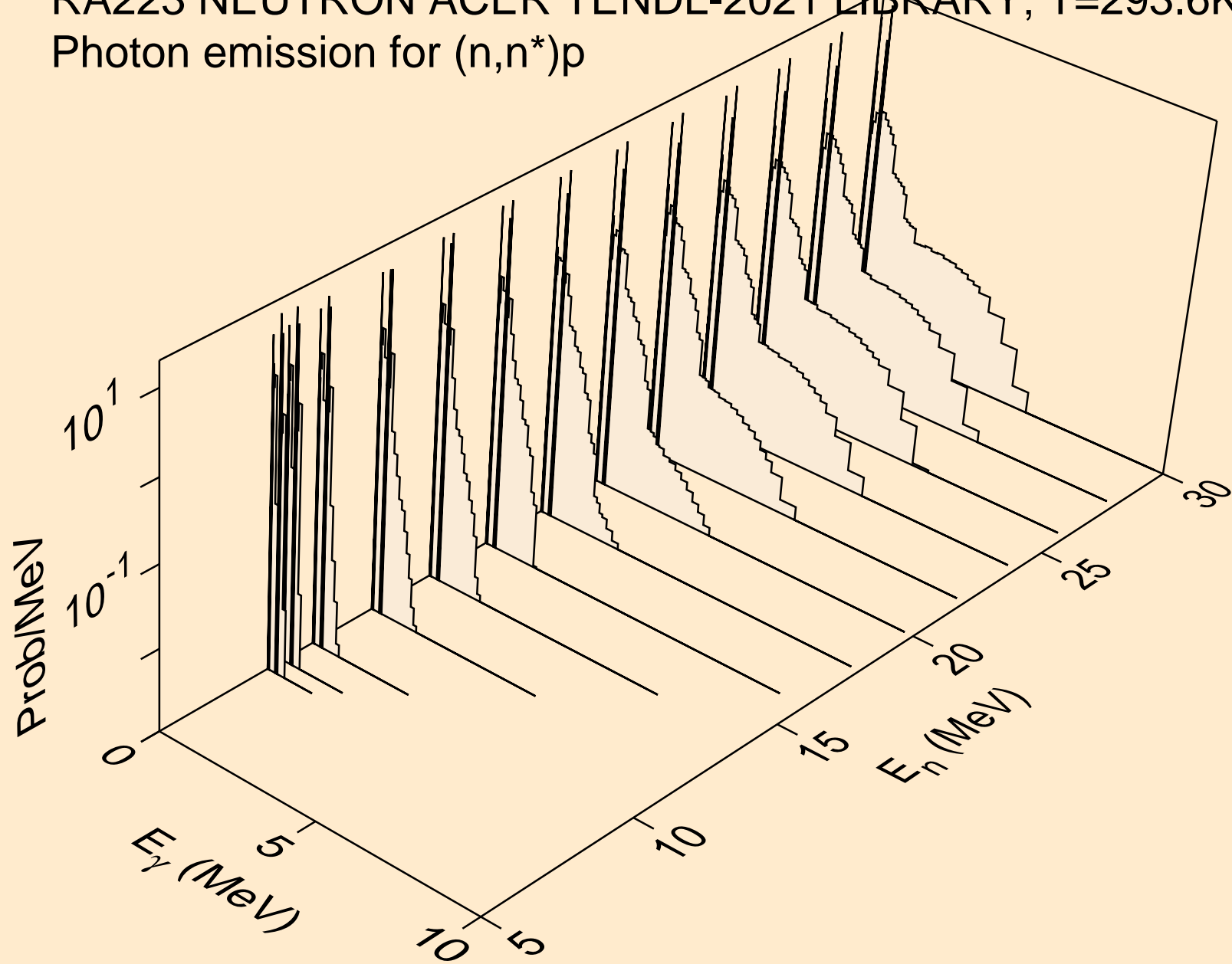




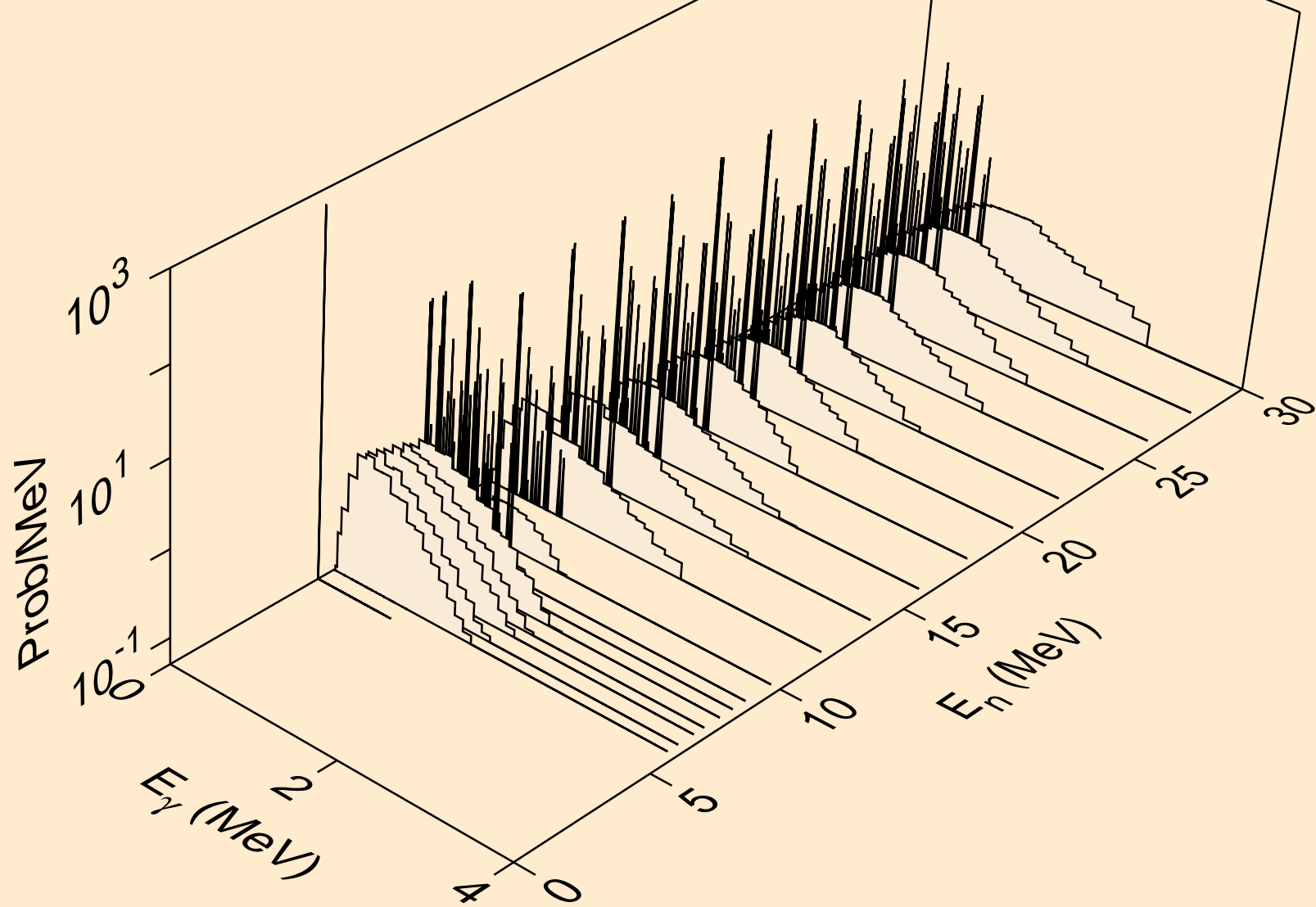
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



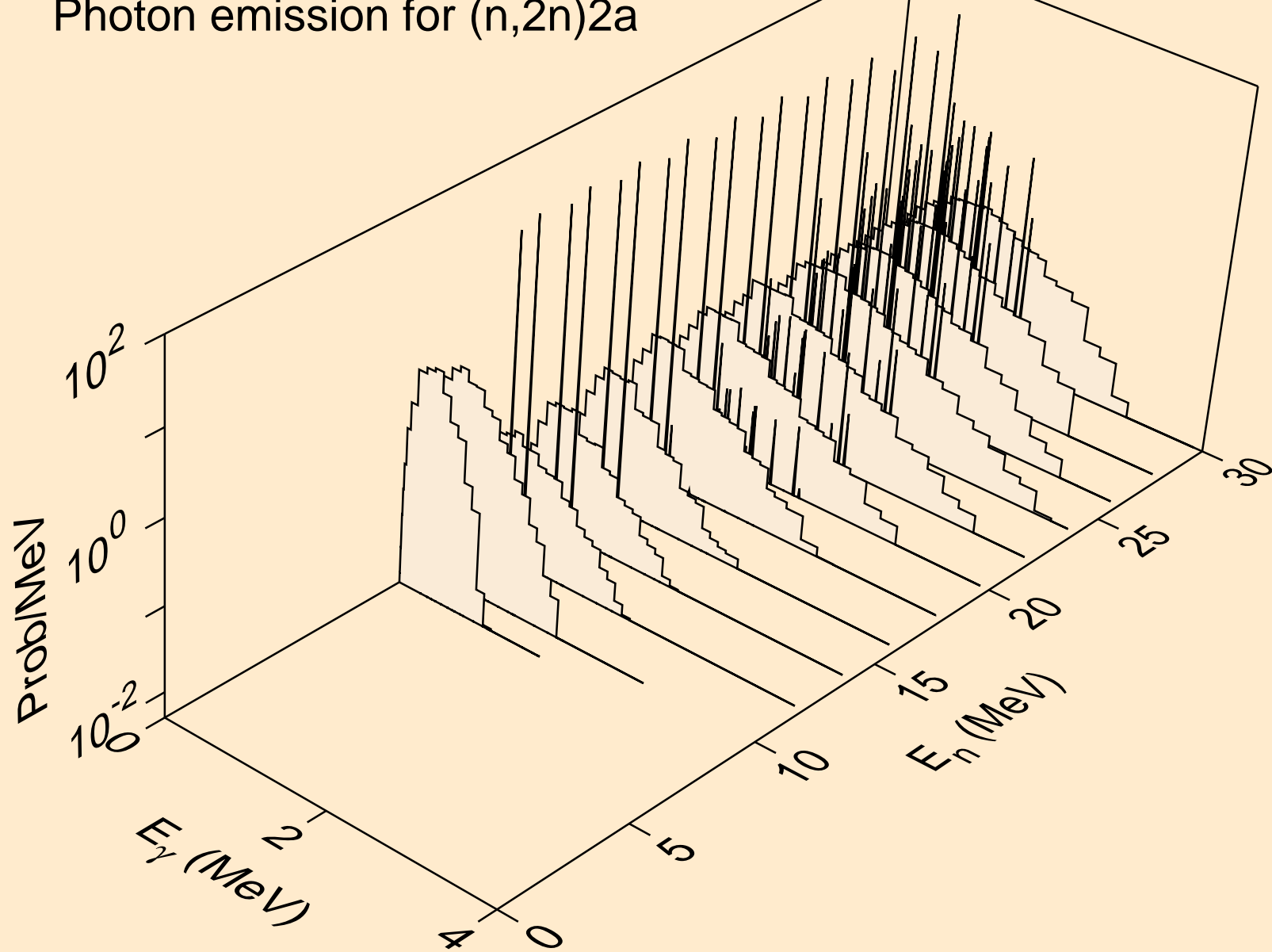
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



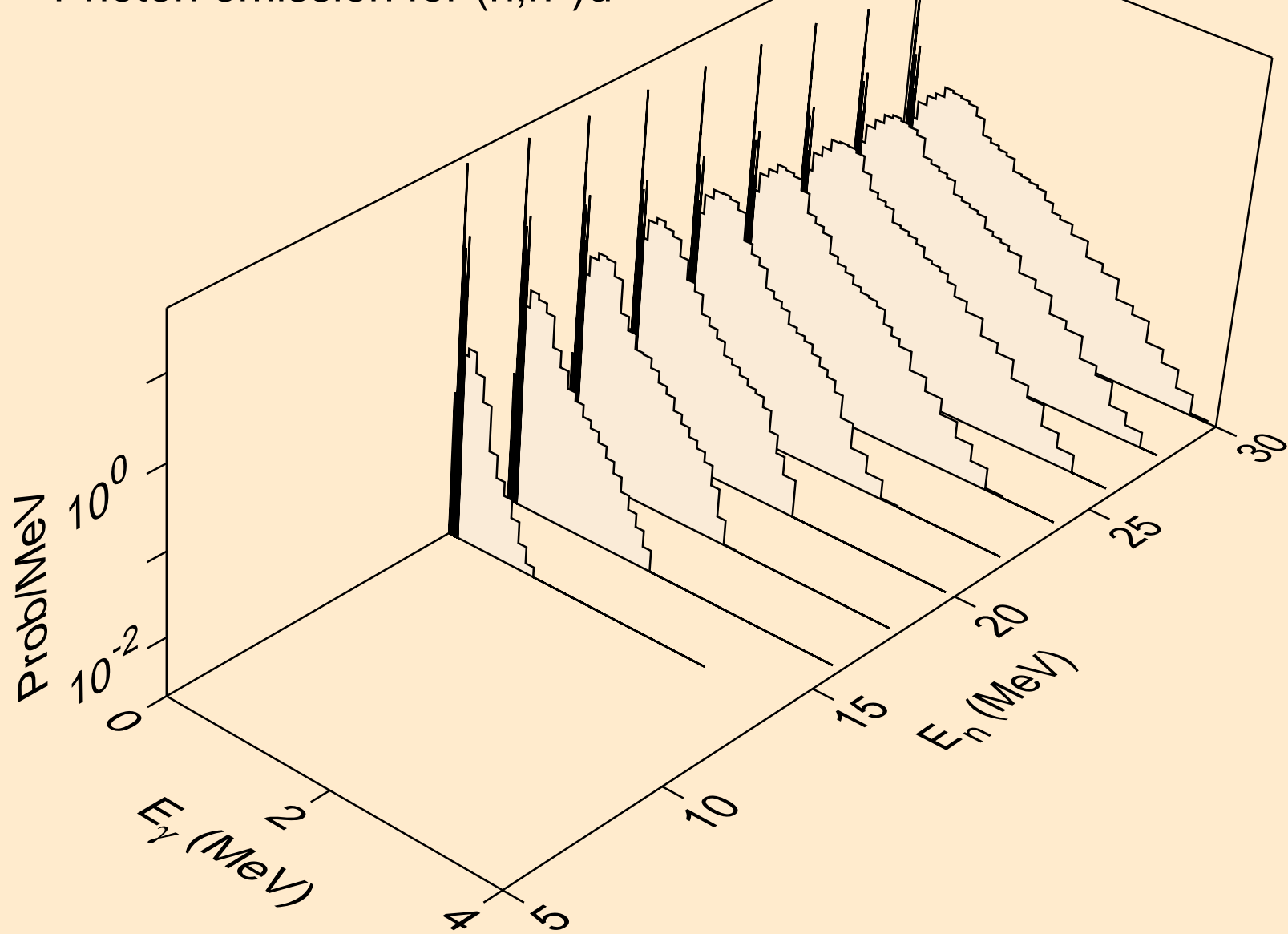
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Photon emission for (n,n\*)2a



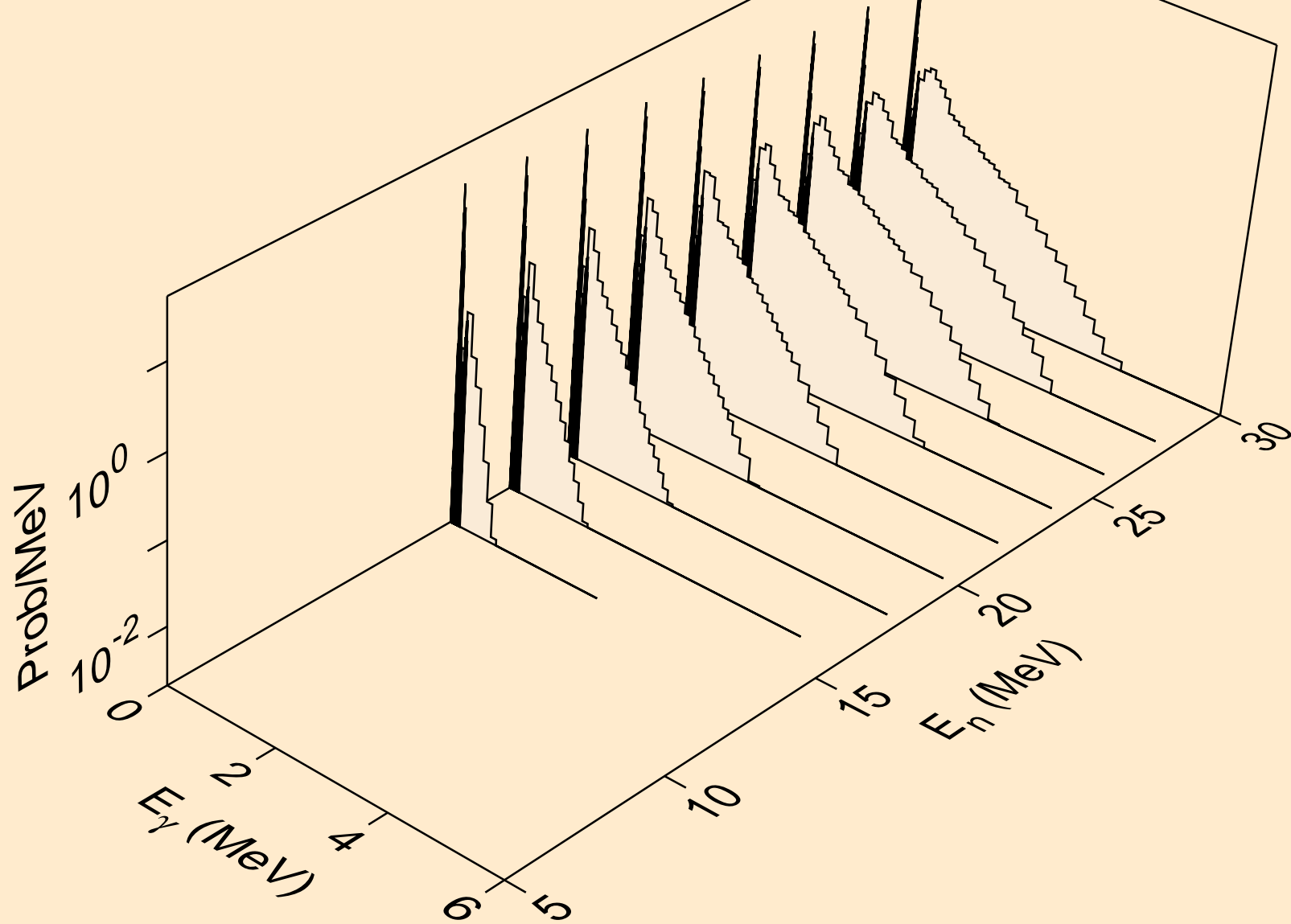
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Photon emission for (n,2n)2a



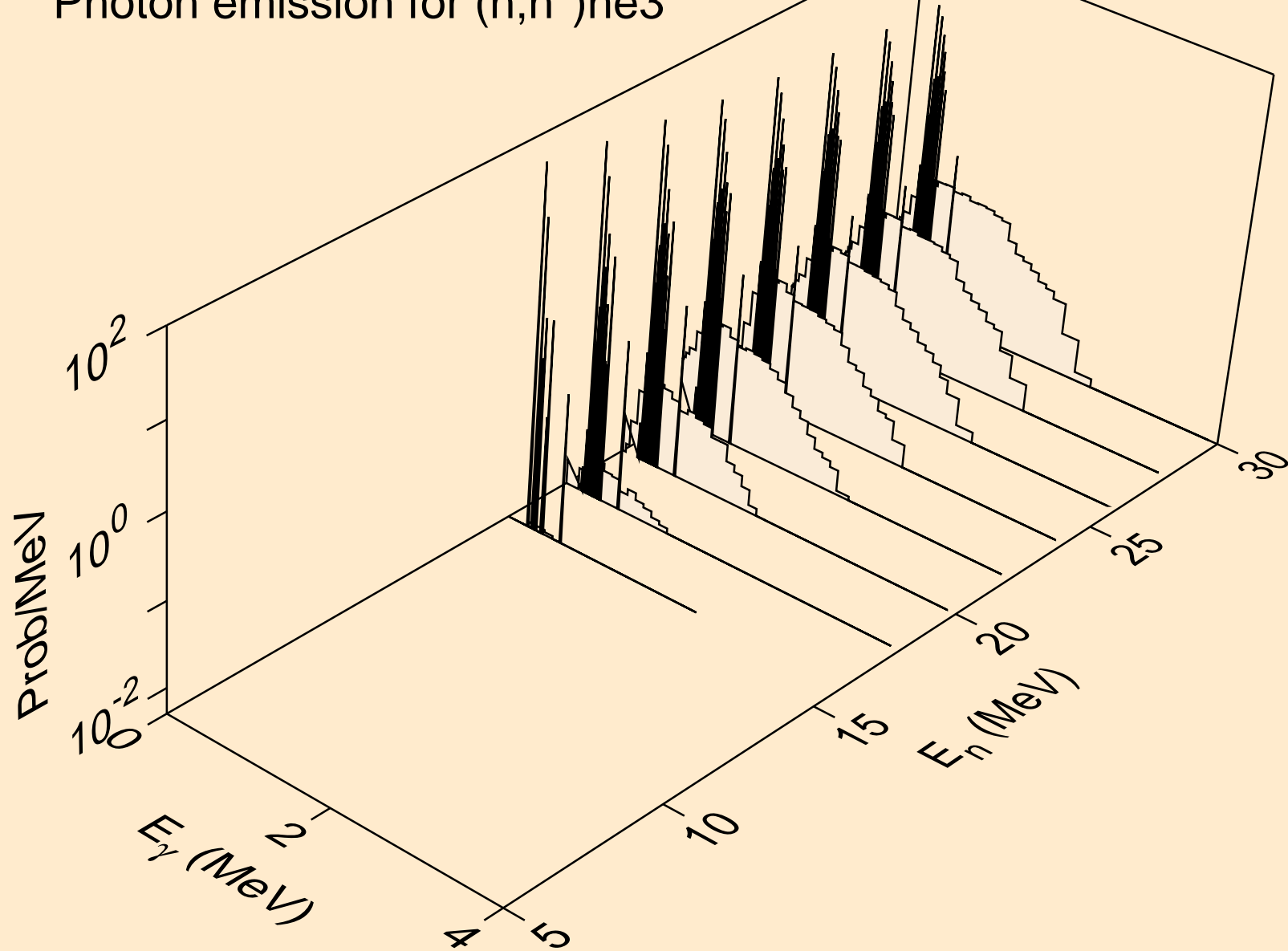
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Photon emission for (n,n\*)d



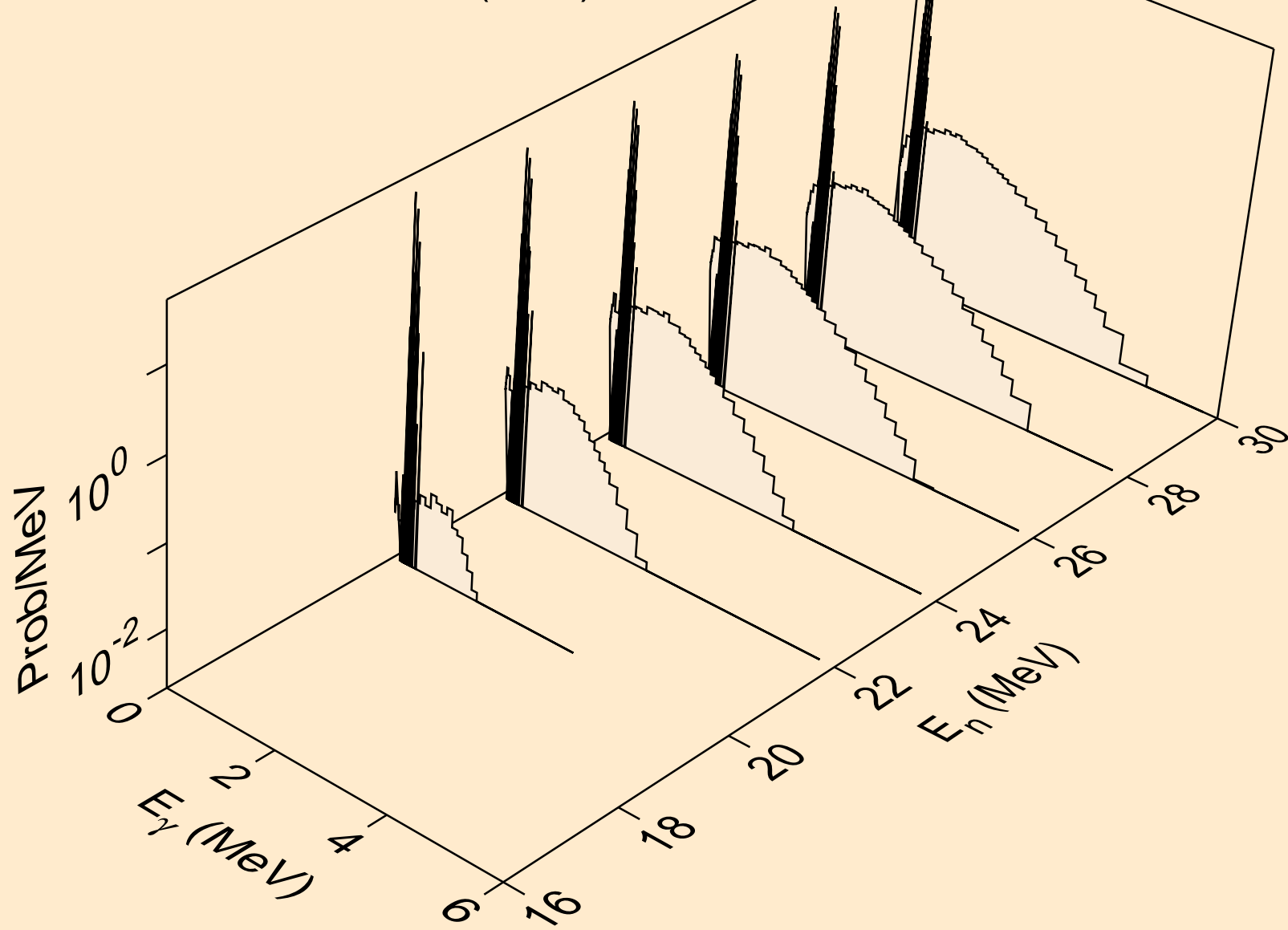
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

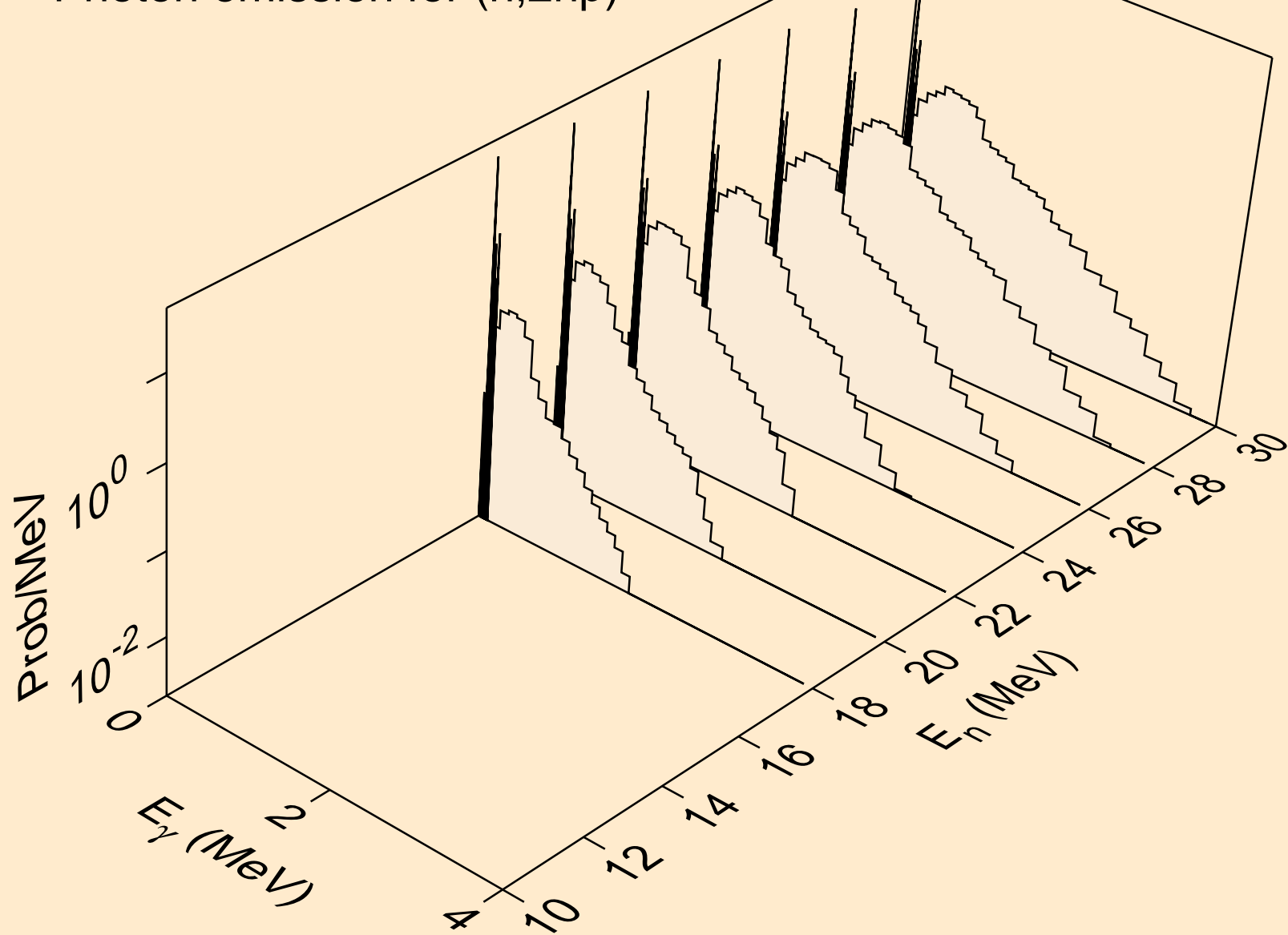


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Photon emission for (n,4n)

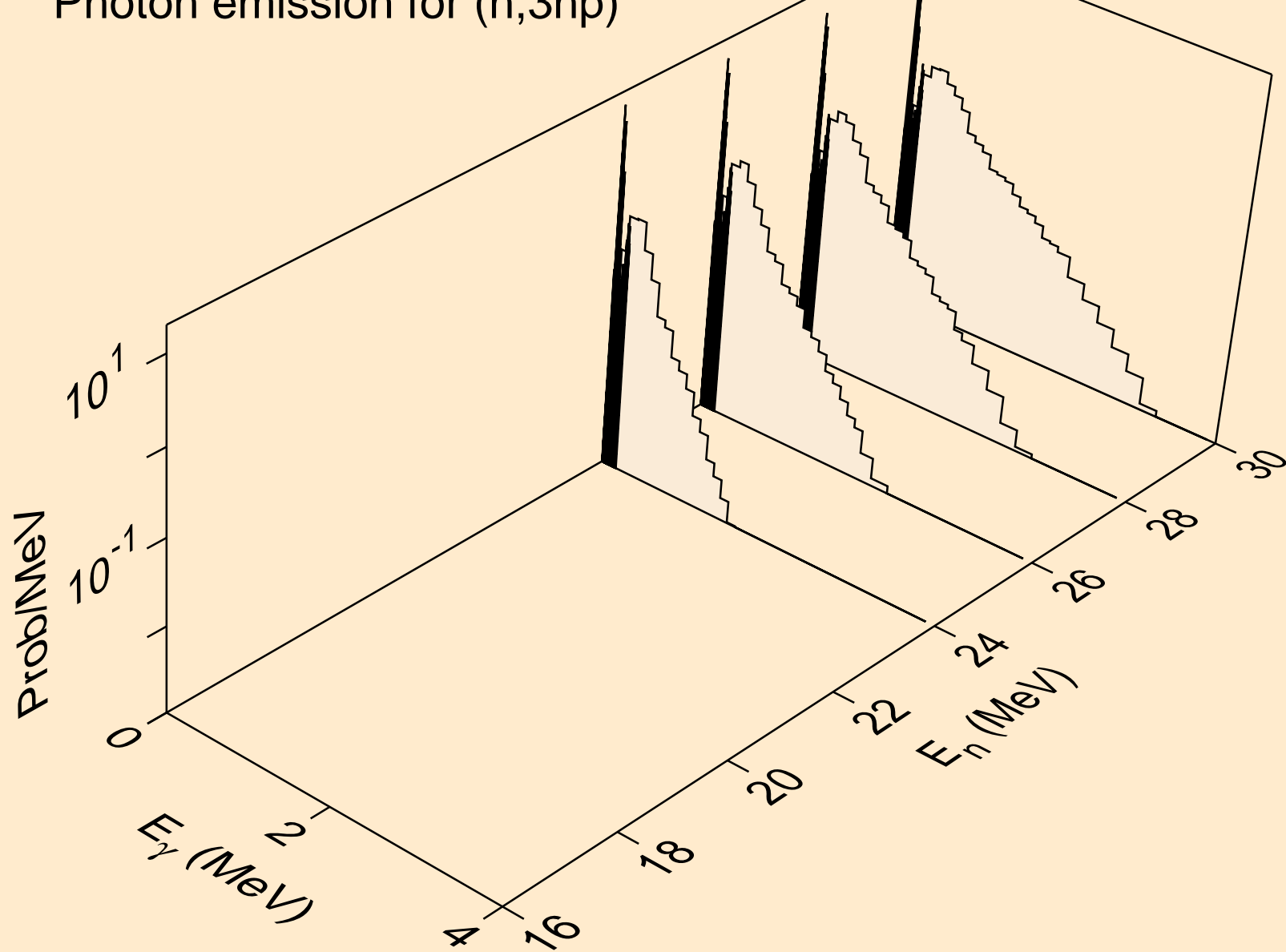




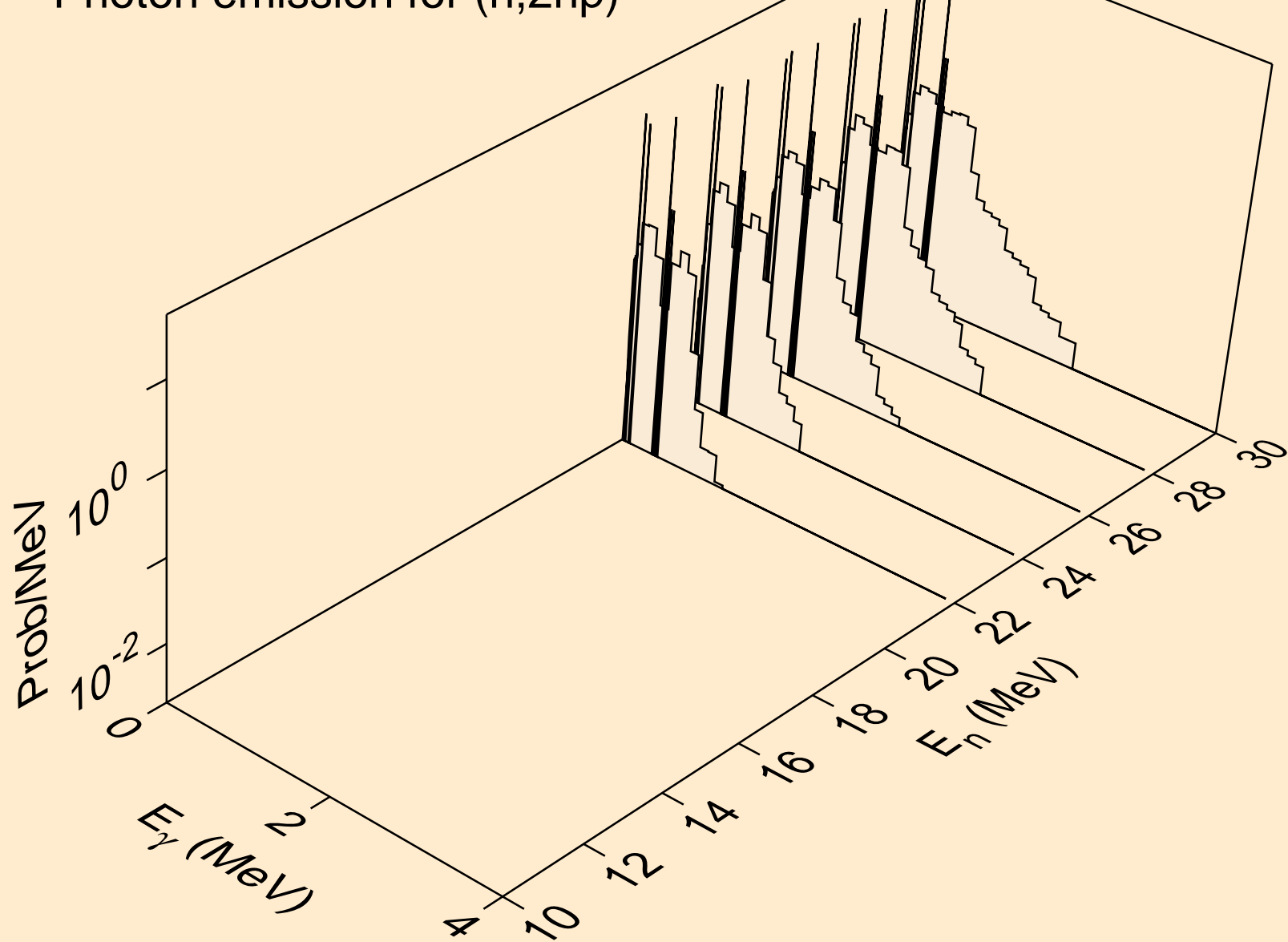
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Photon emission for (n,2np)



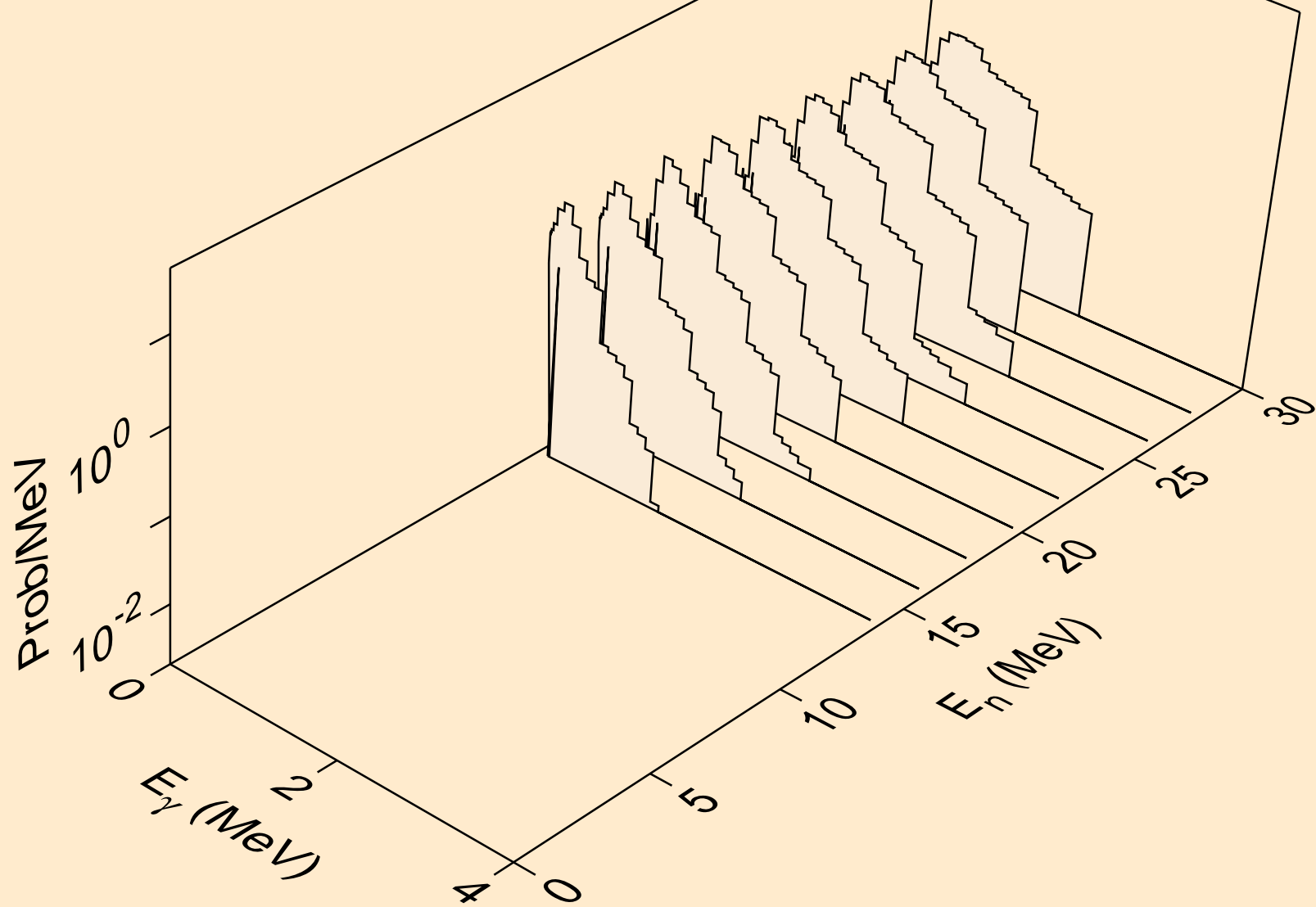
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Photon emission for (n,3np)



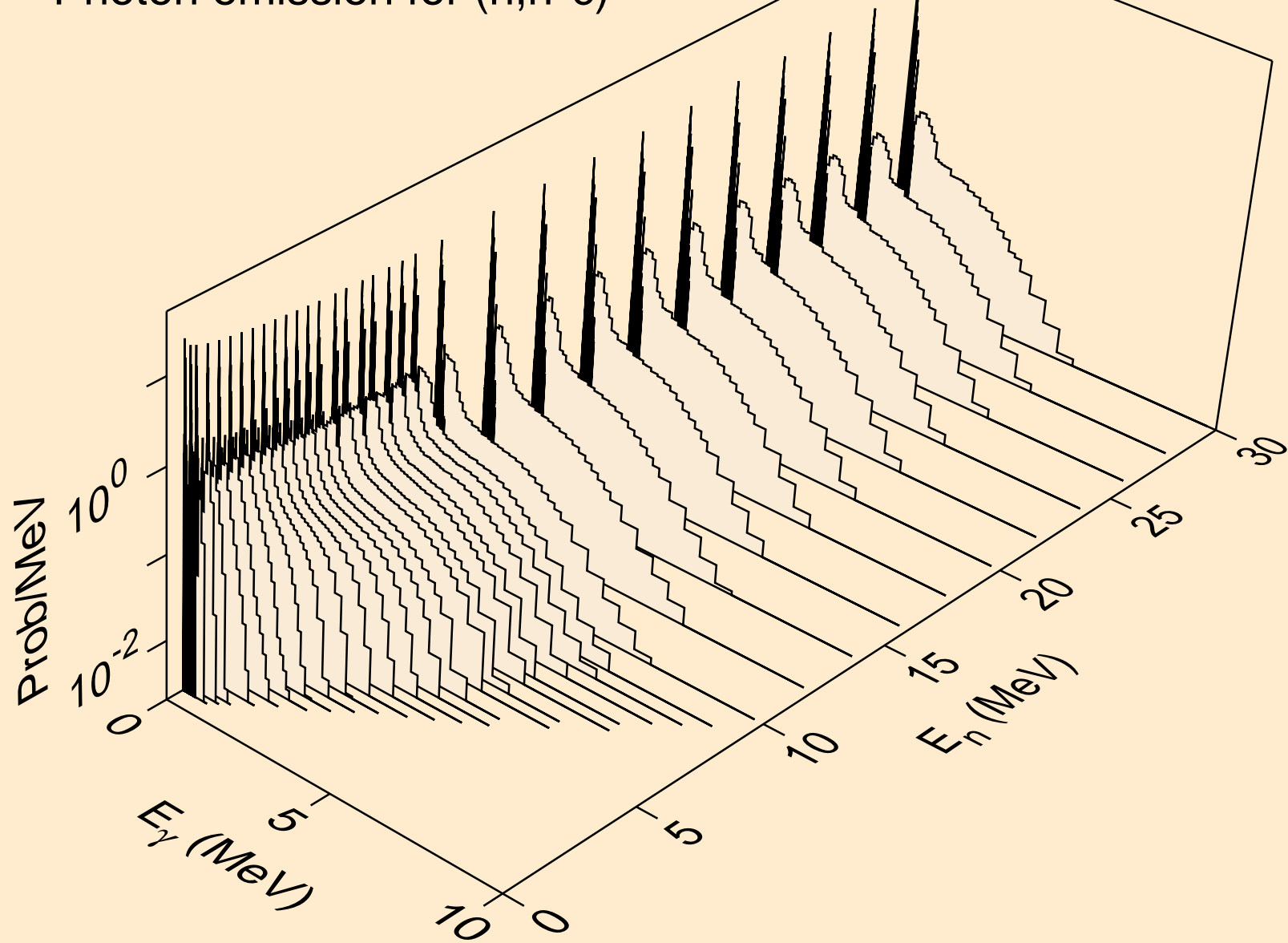
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Photon emission for (n,2np)



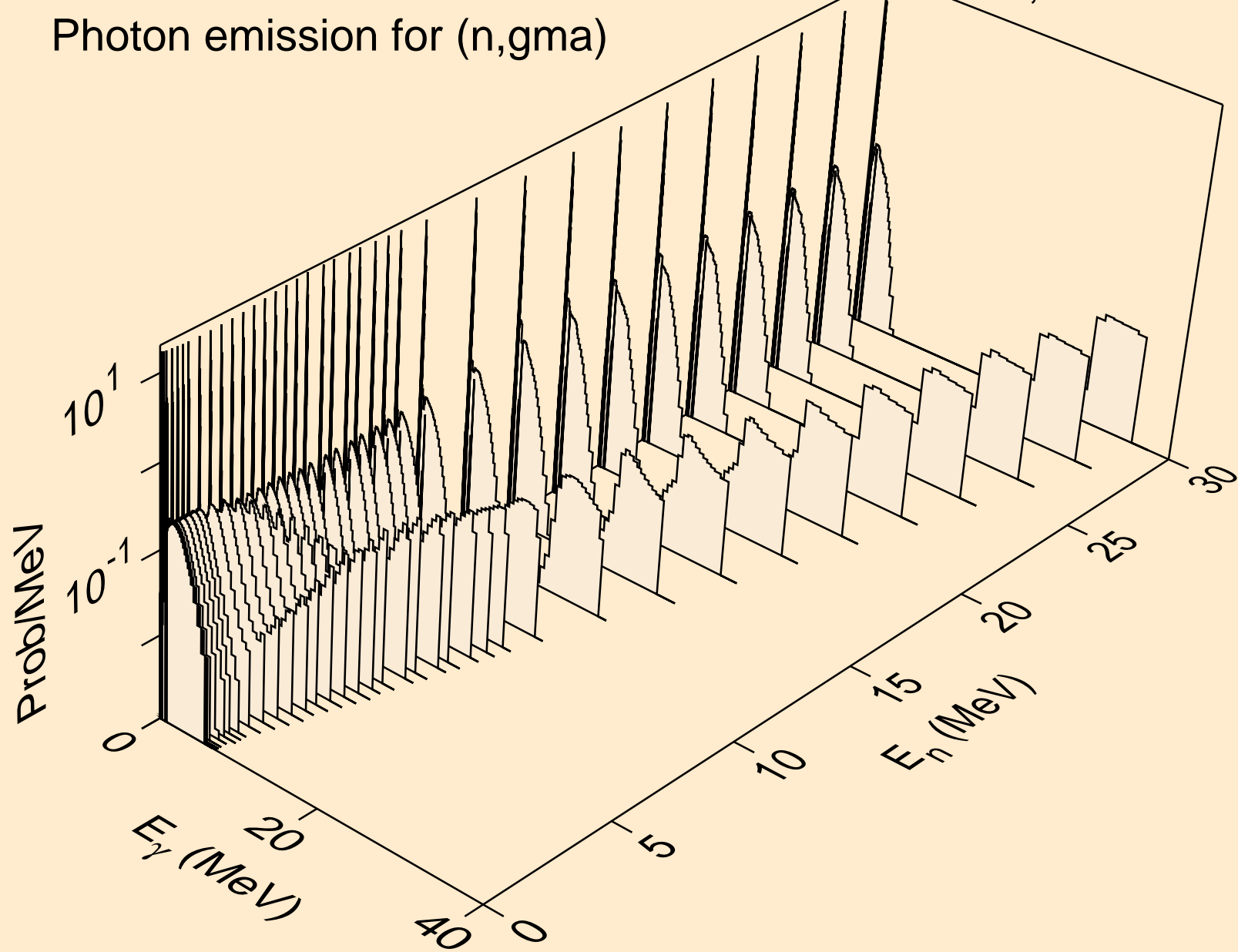
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Photon emission for (n,npa)



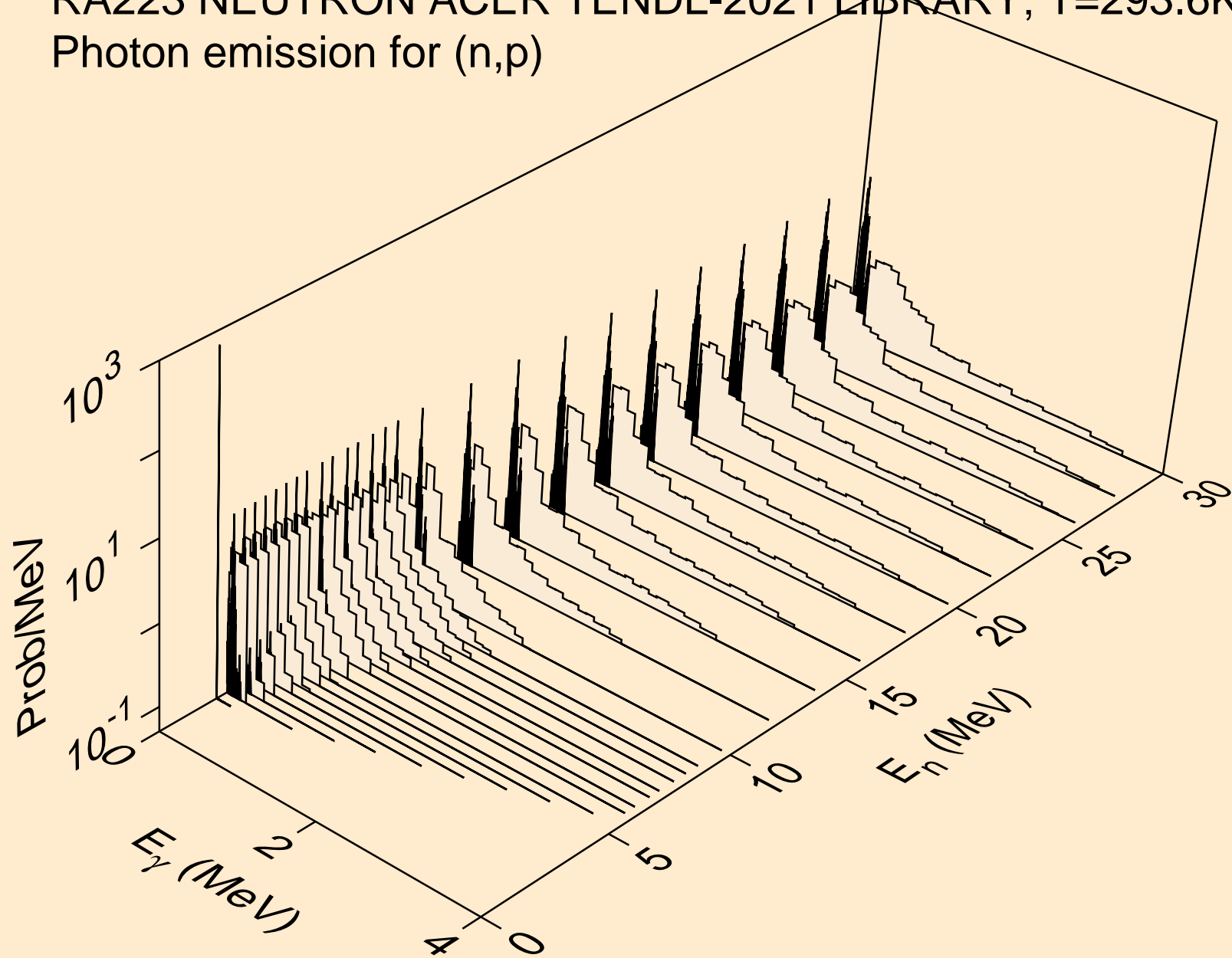
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Photon emission for (n,n\*c)



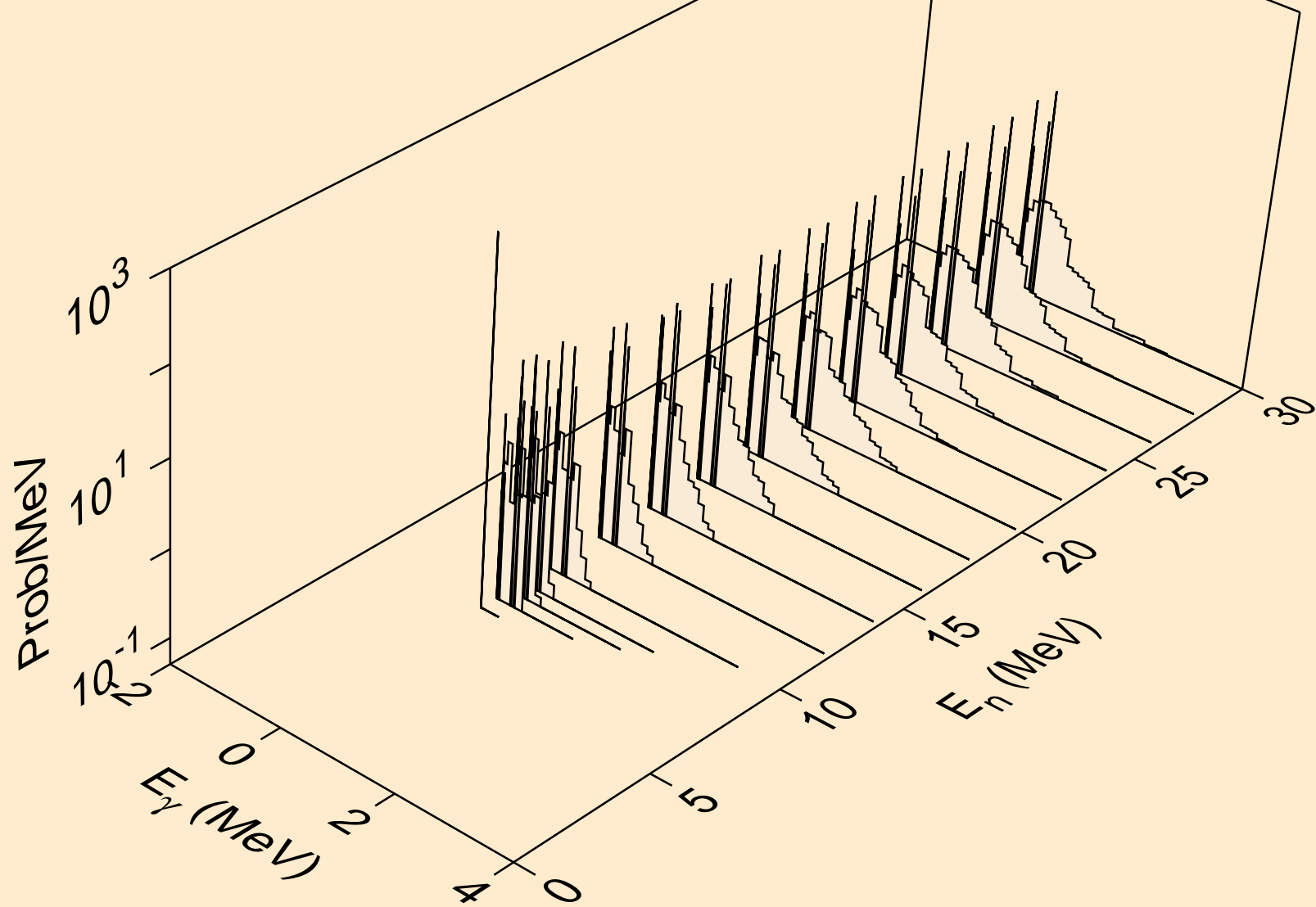
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

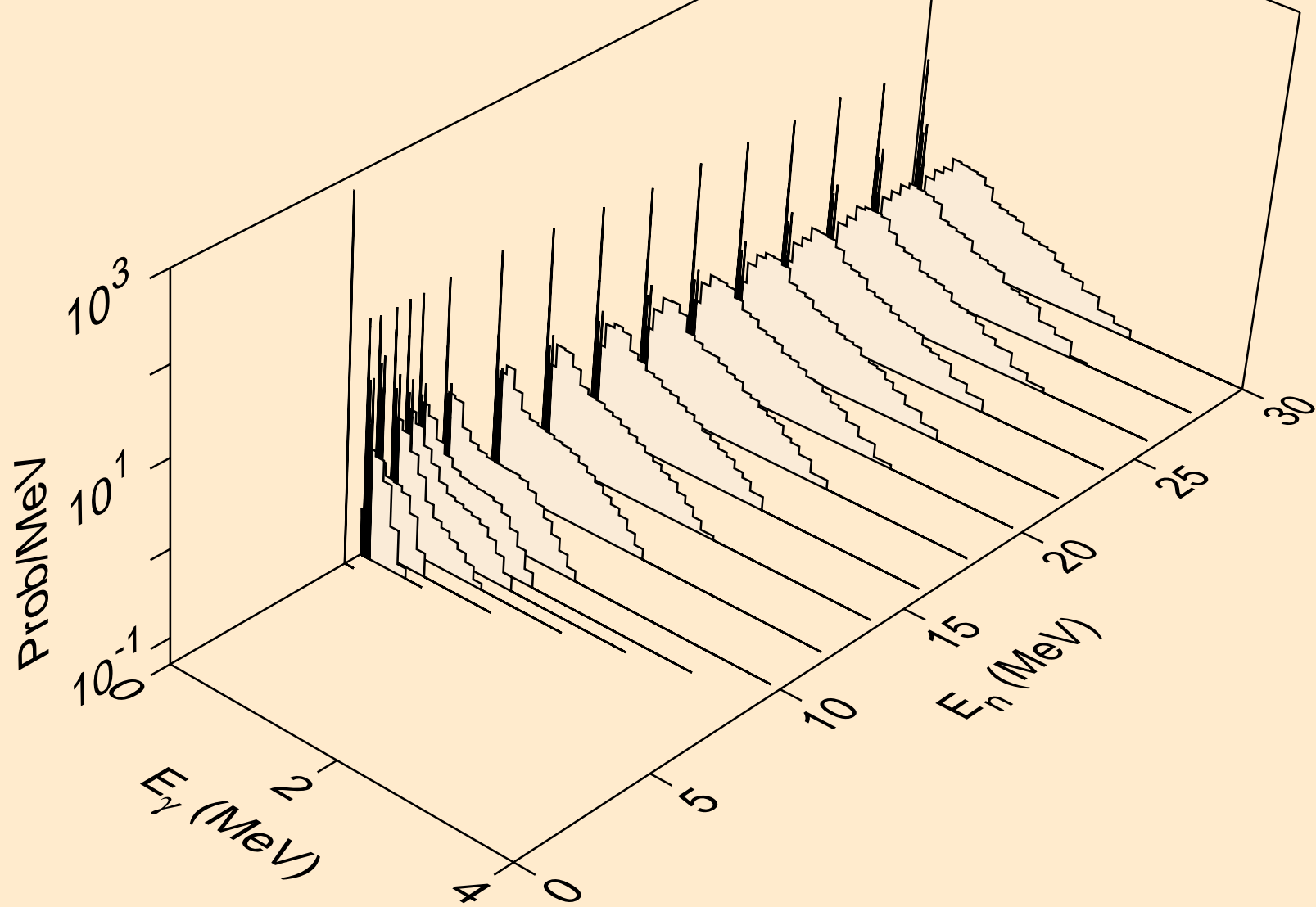


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Photon emission for (n,d)

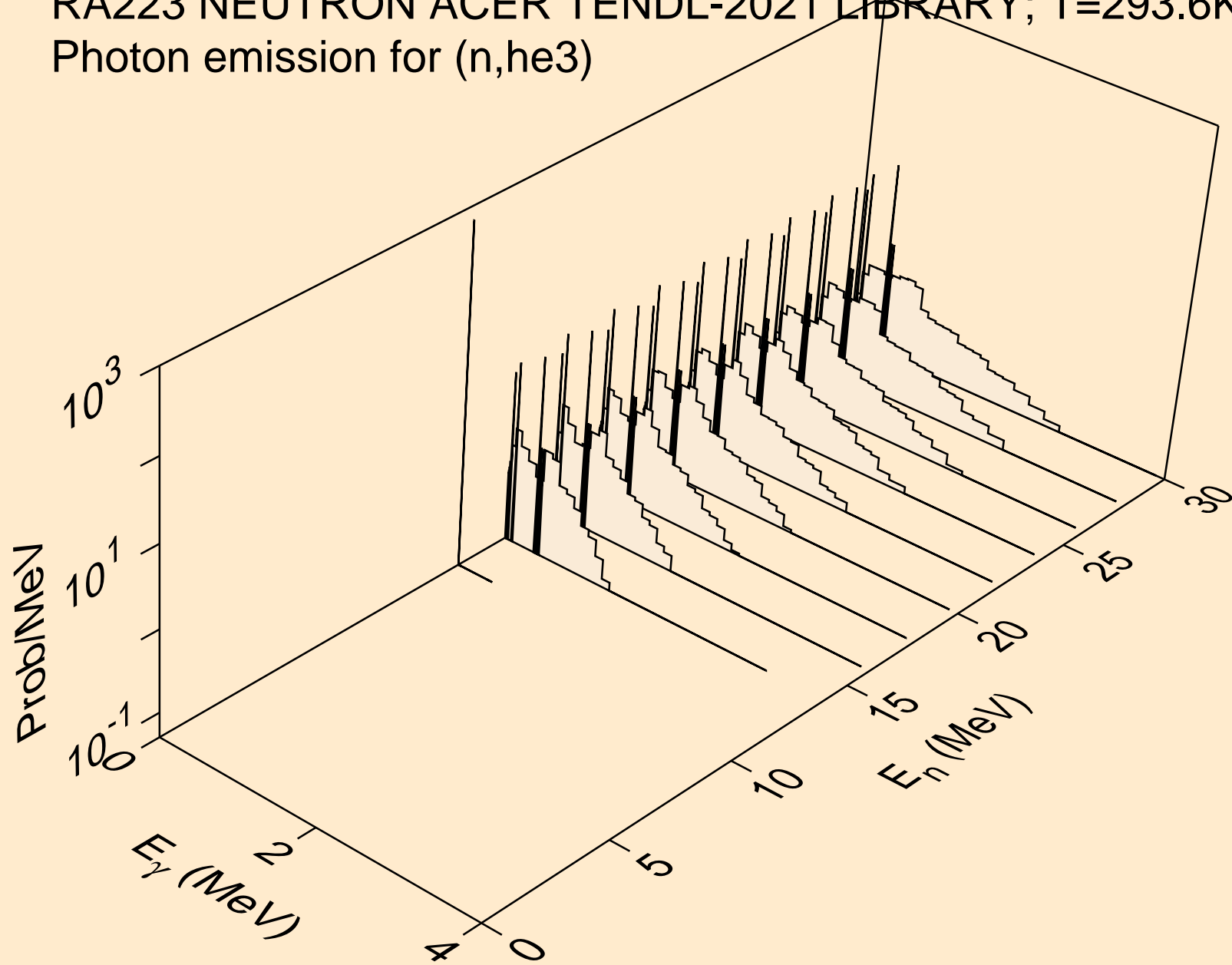




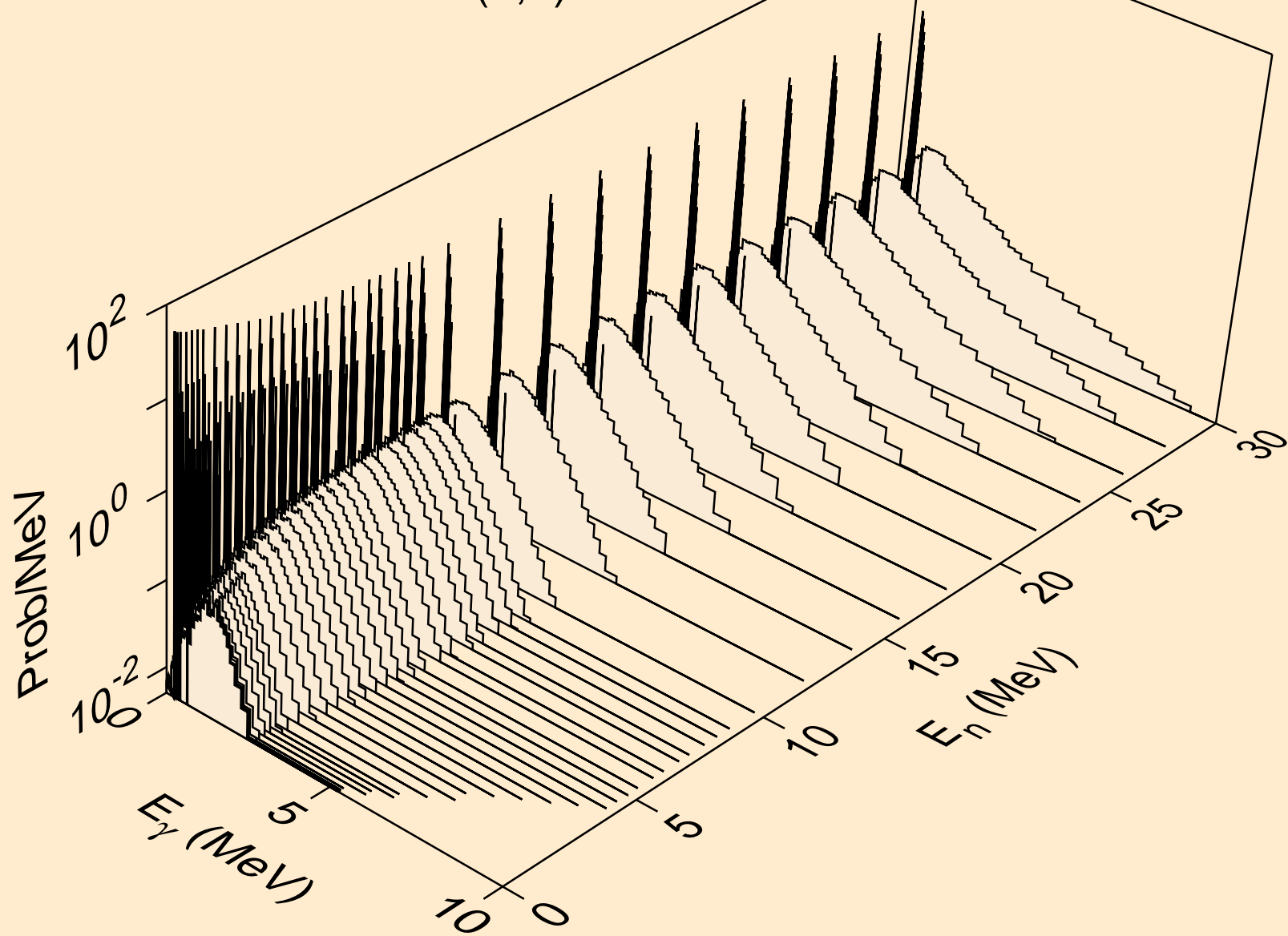
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Photon emission for (n,t)



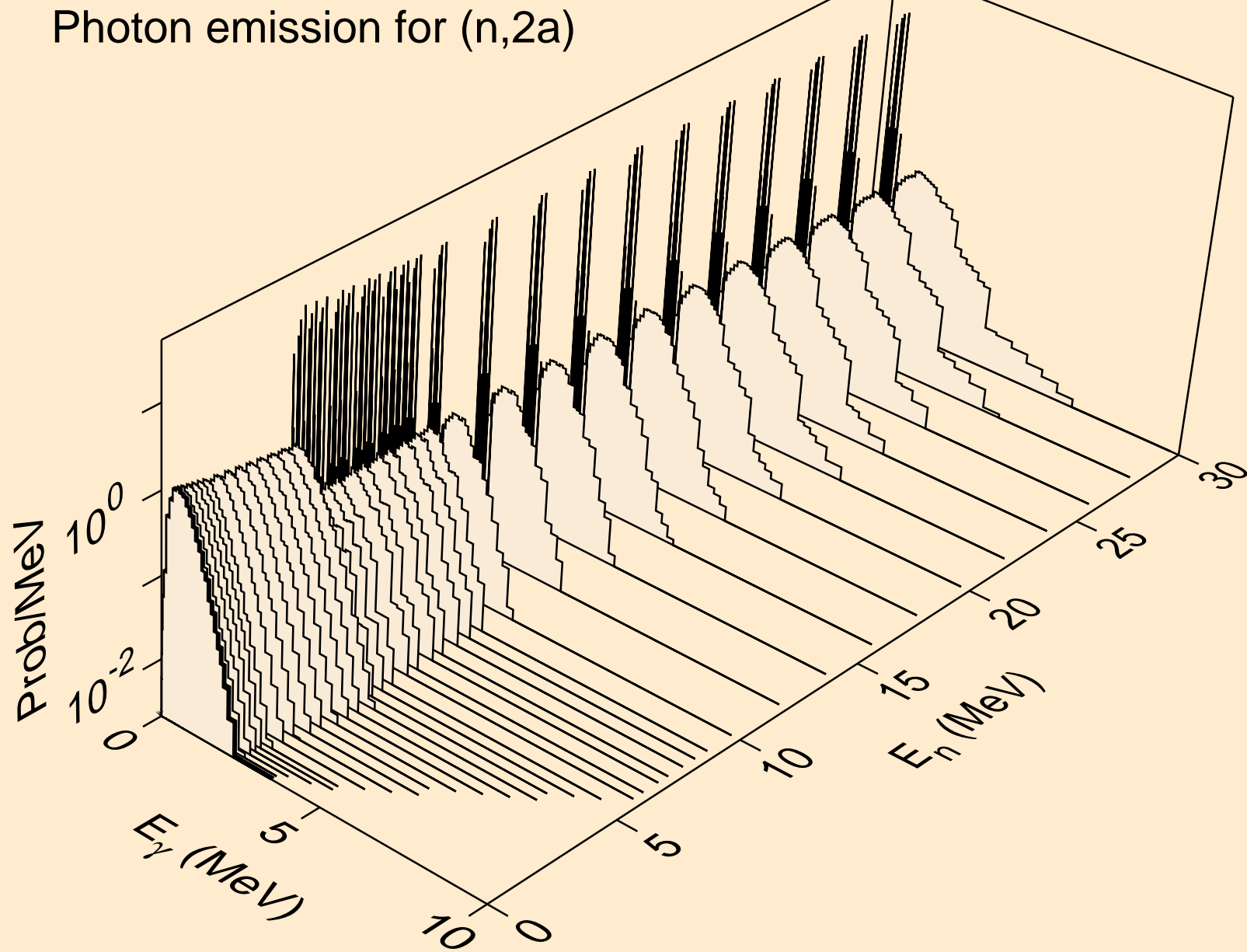
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Photon emission for (n,he3)



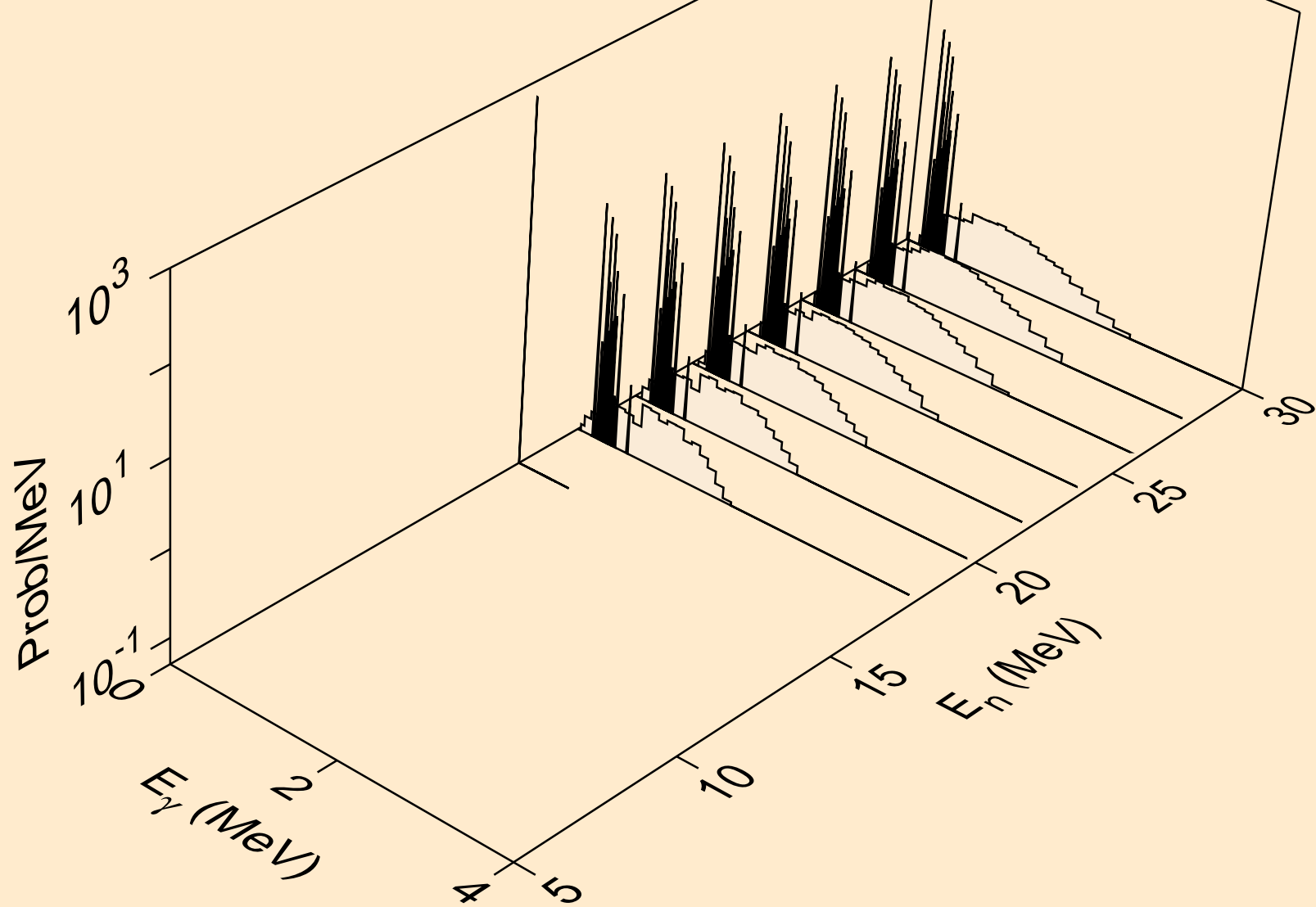
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Photon emission for (n,a)



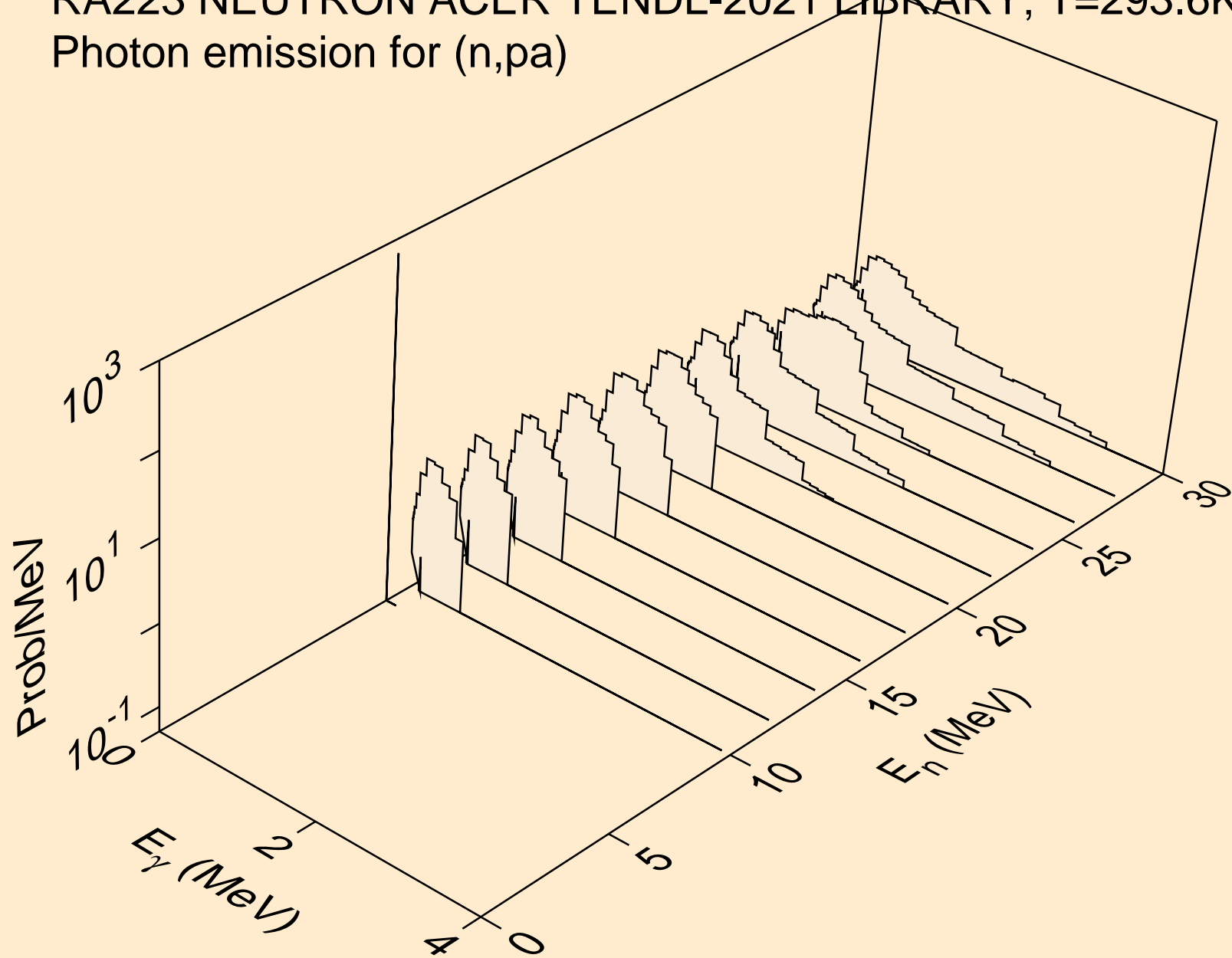
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Photon emission for (n,2a)



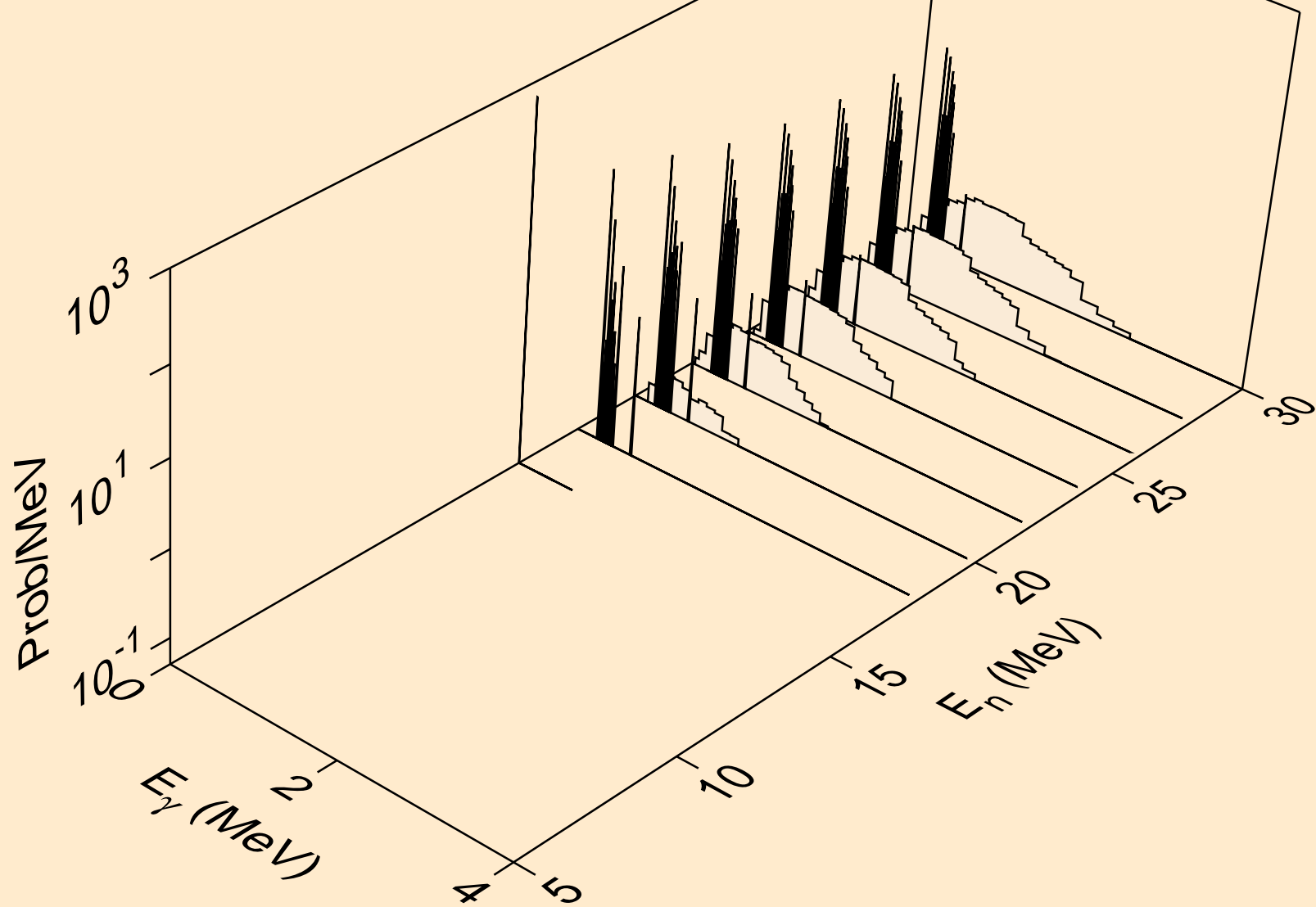
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Photon emission for (n,2p)



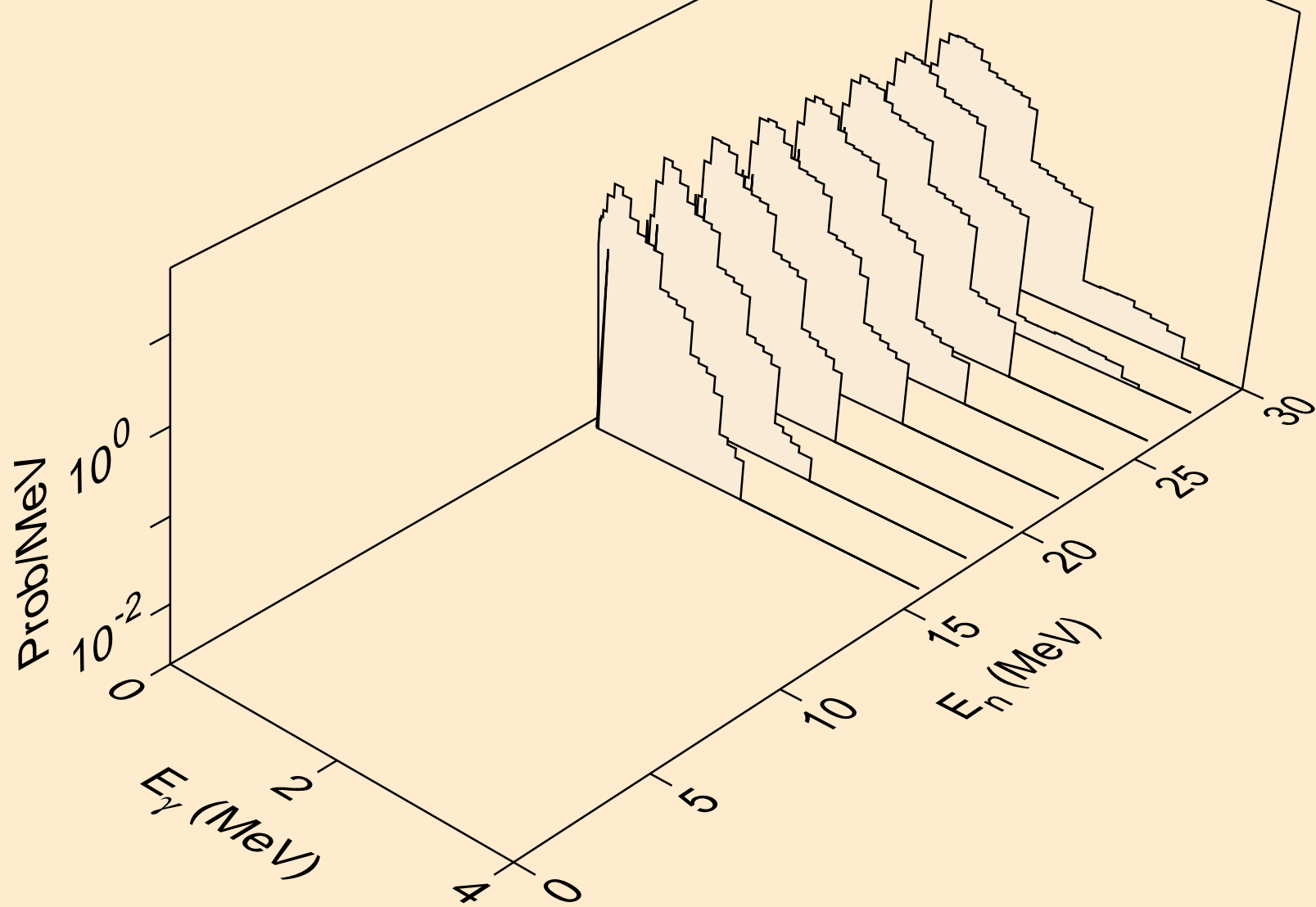
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

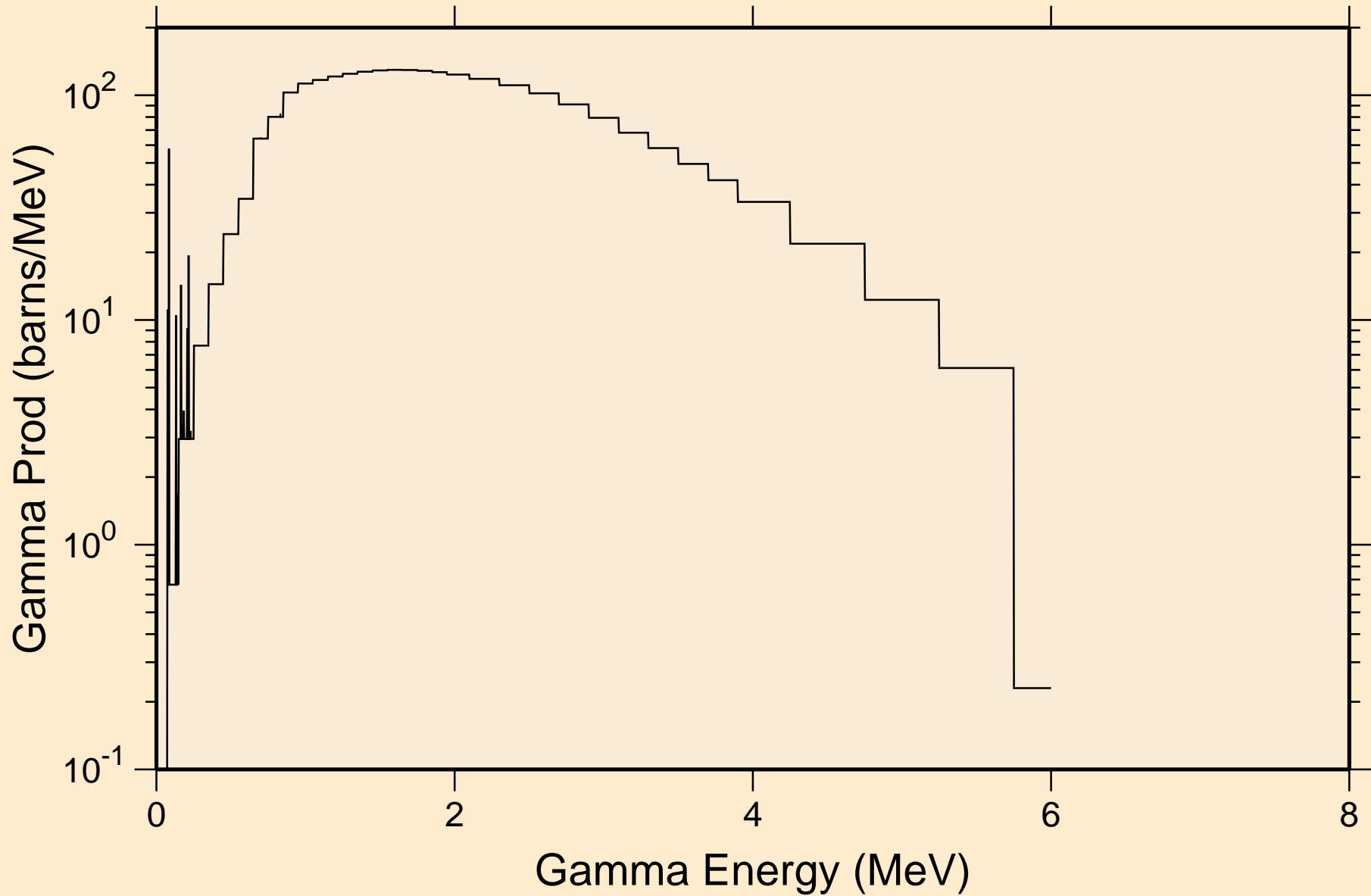


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Photon emission for (n,da)

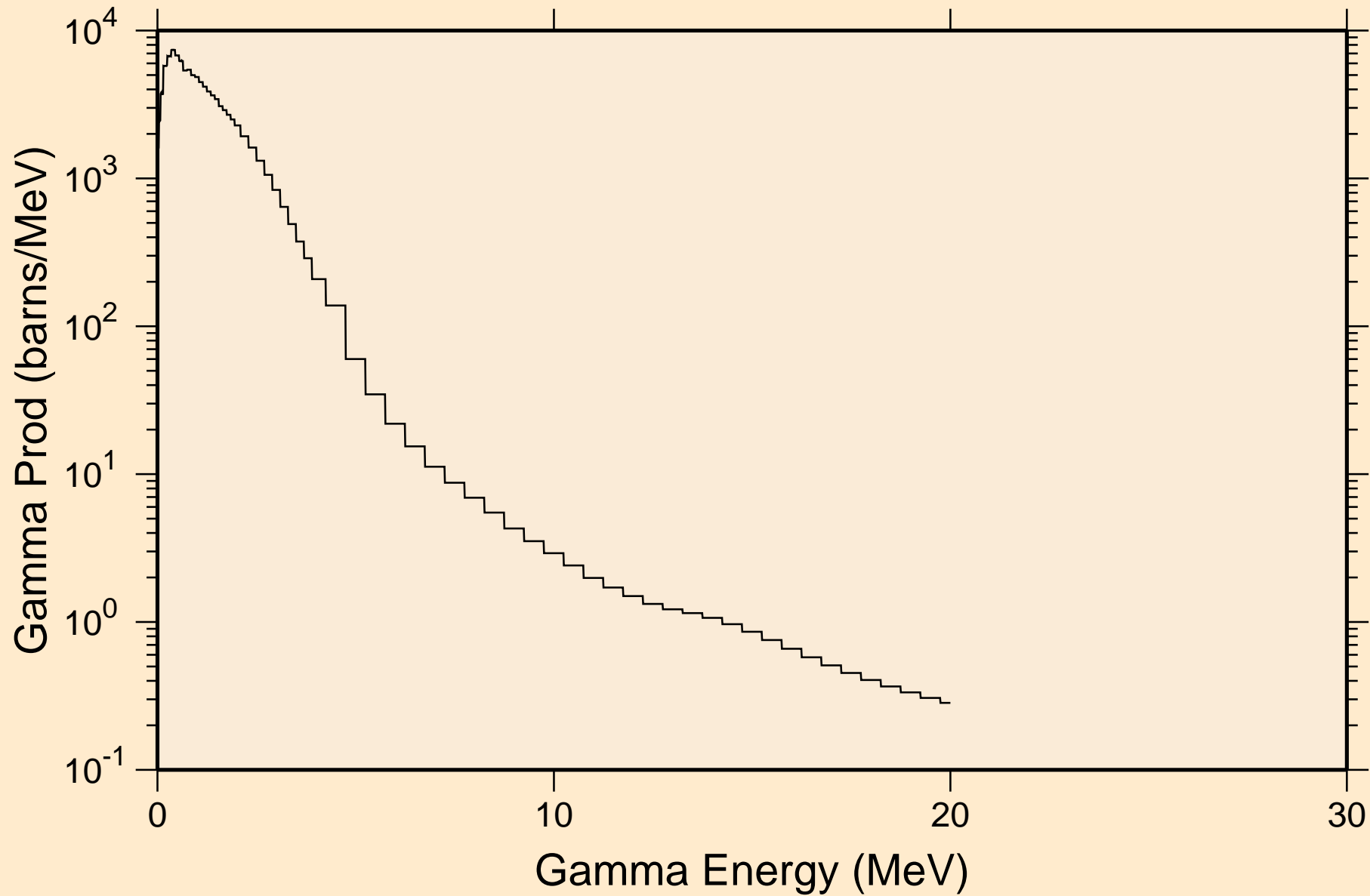




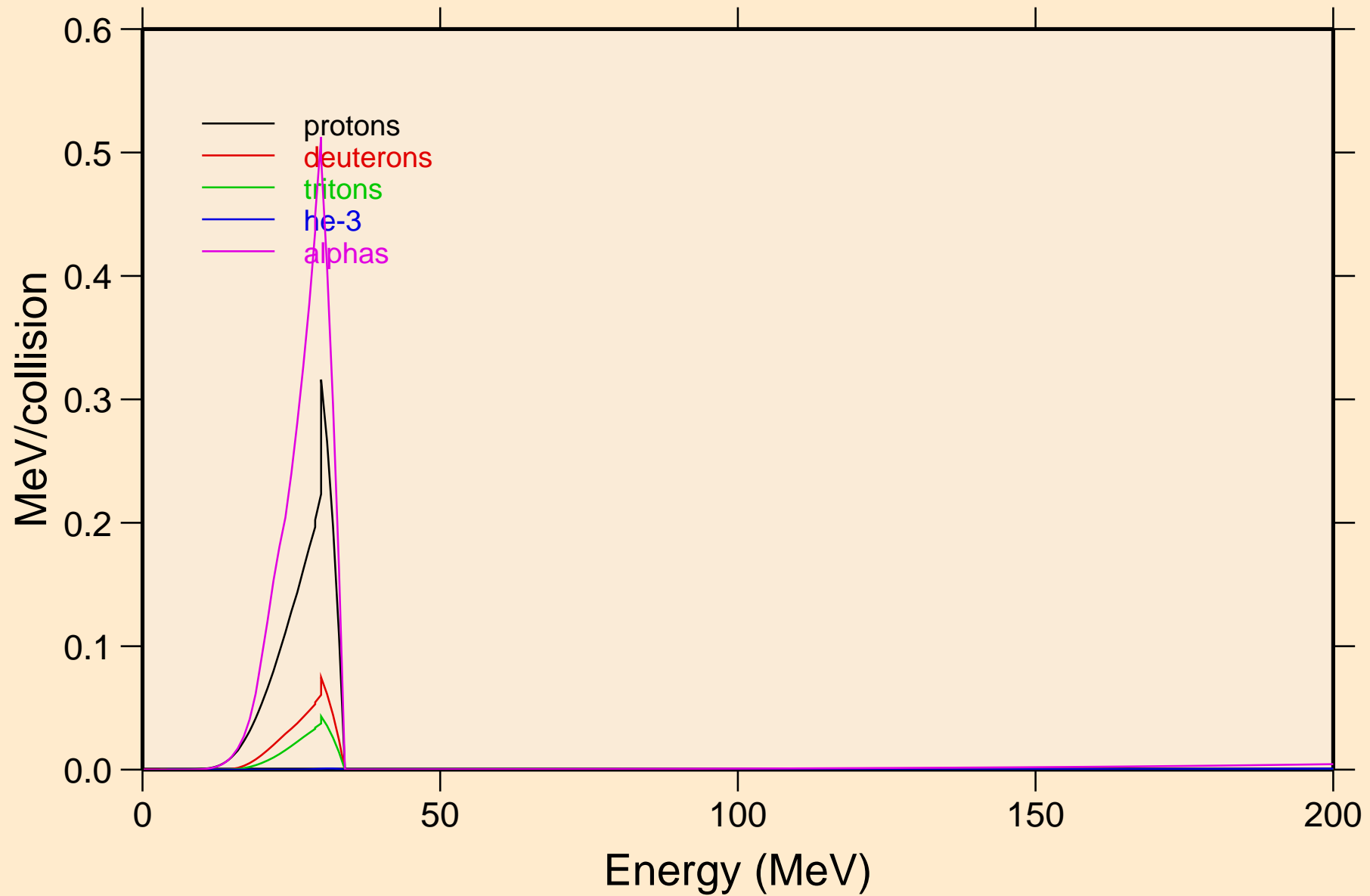
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thermal capture photon spectrum



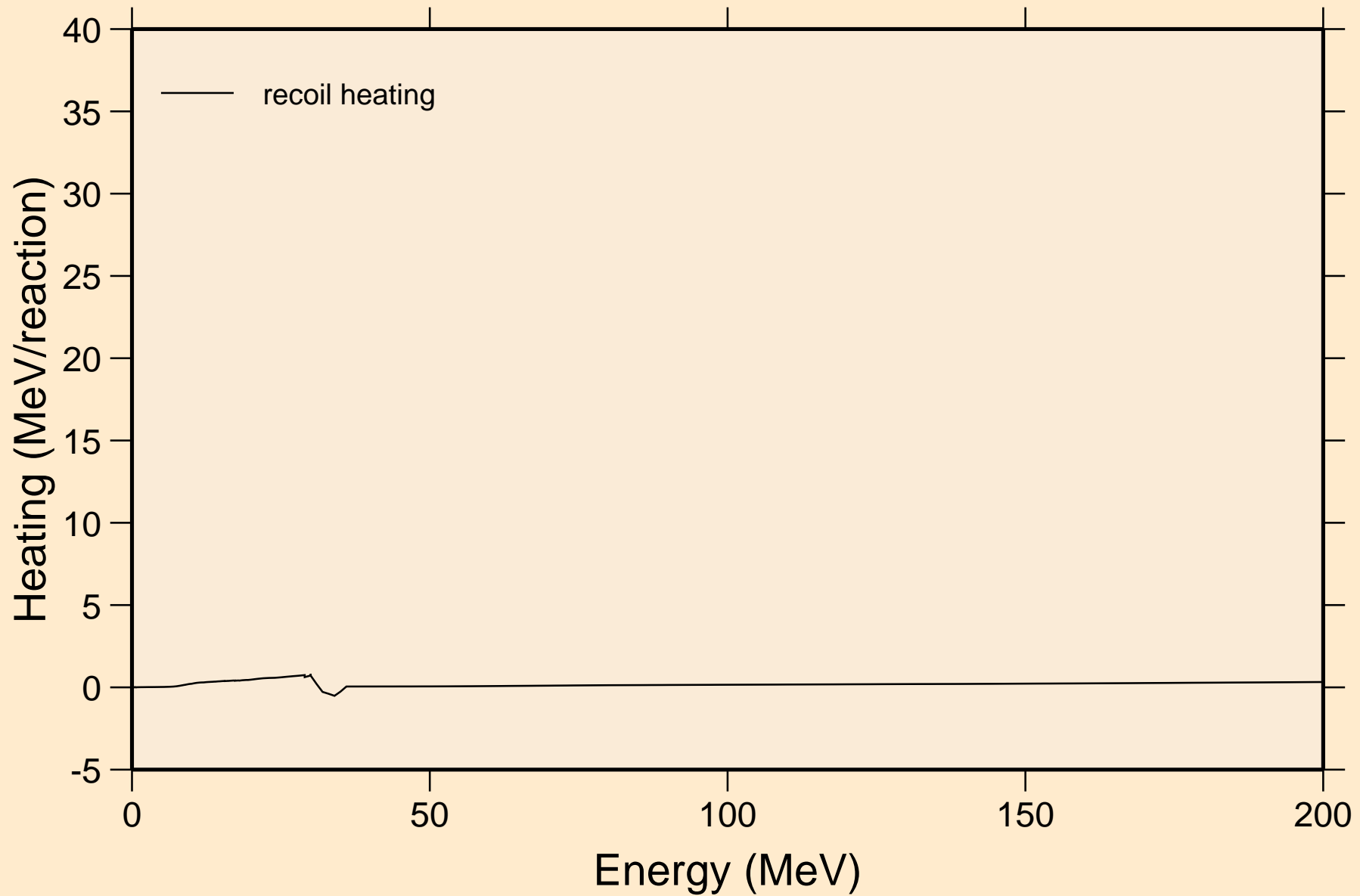
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14 MeV photon spectrum



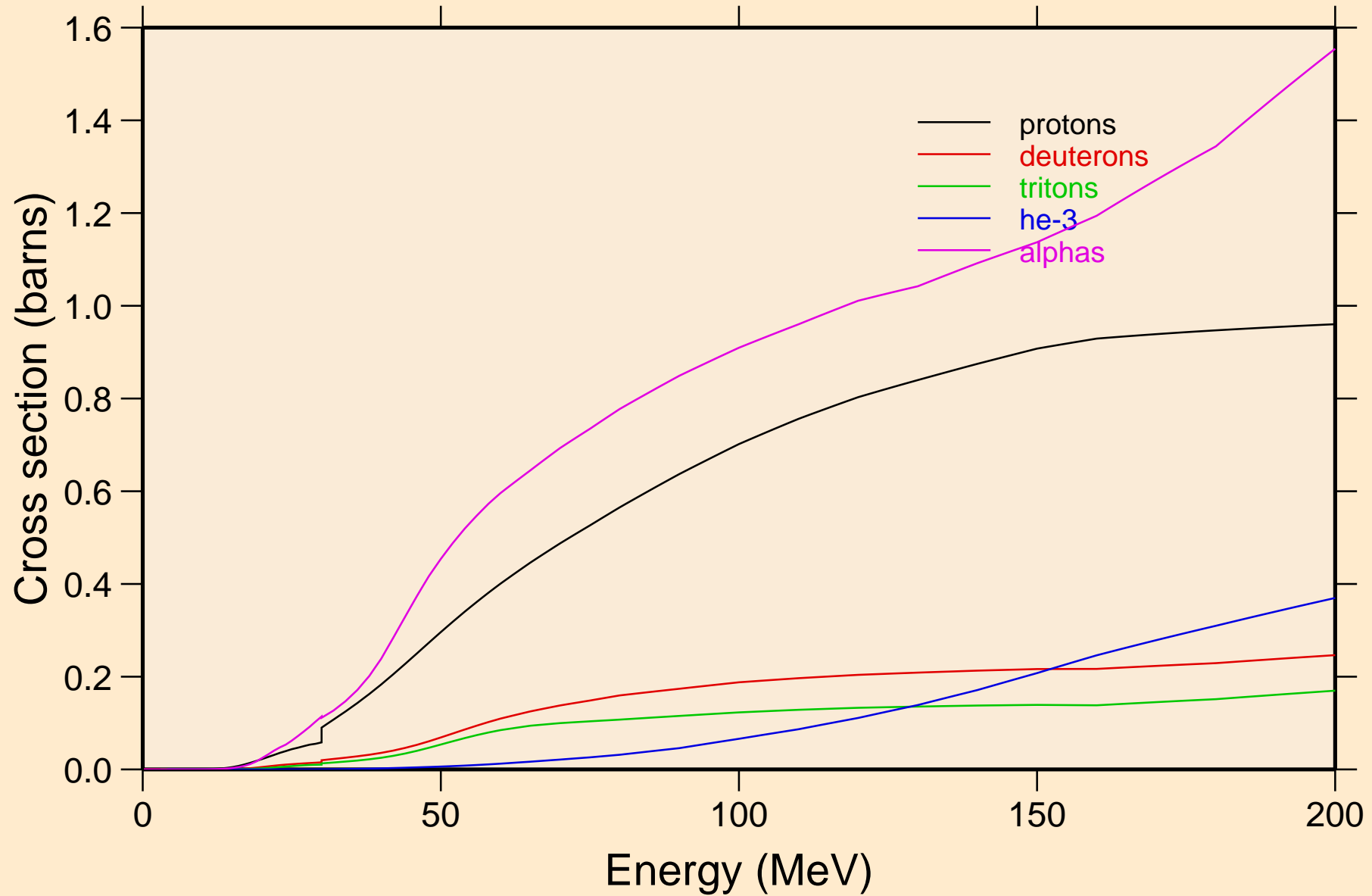
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Particle heating contributions



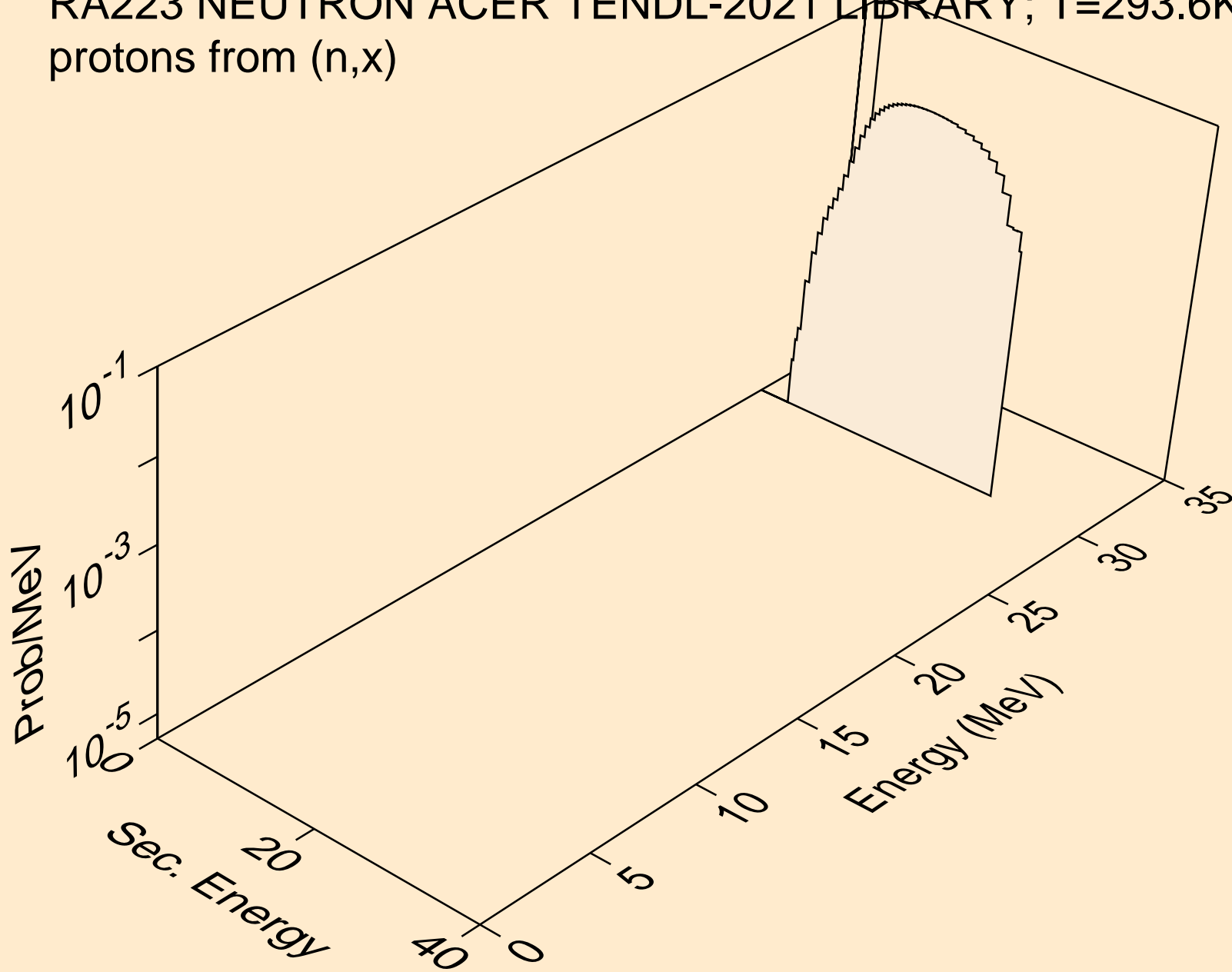
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Recoil Heating



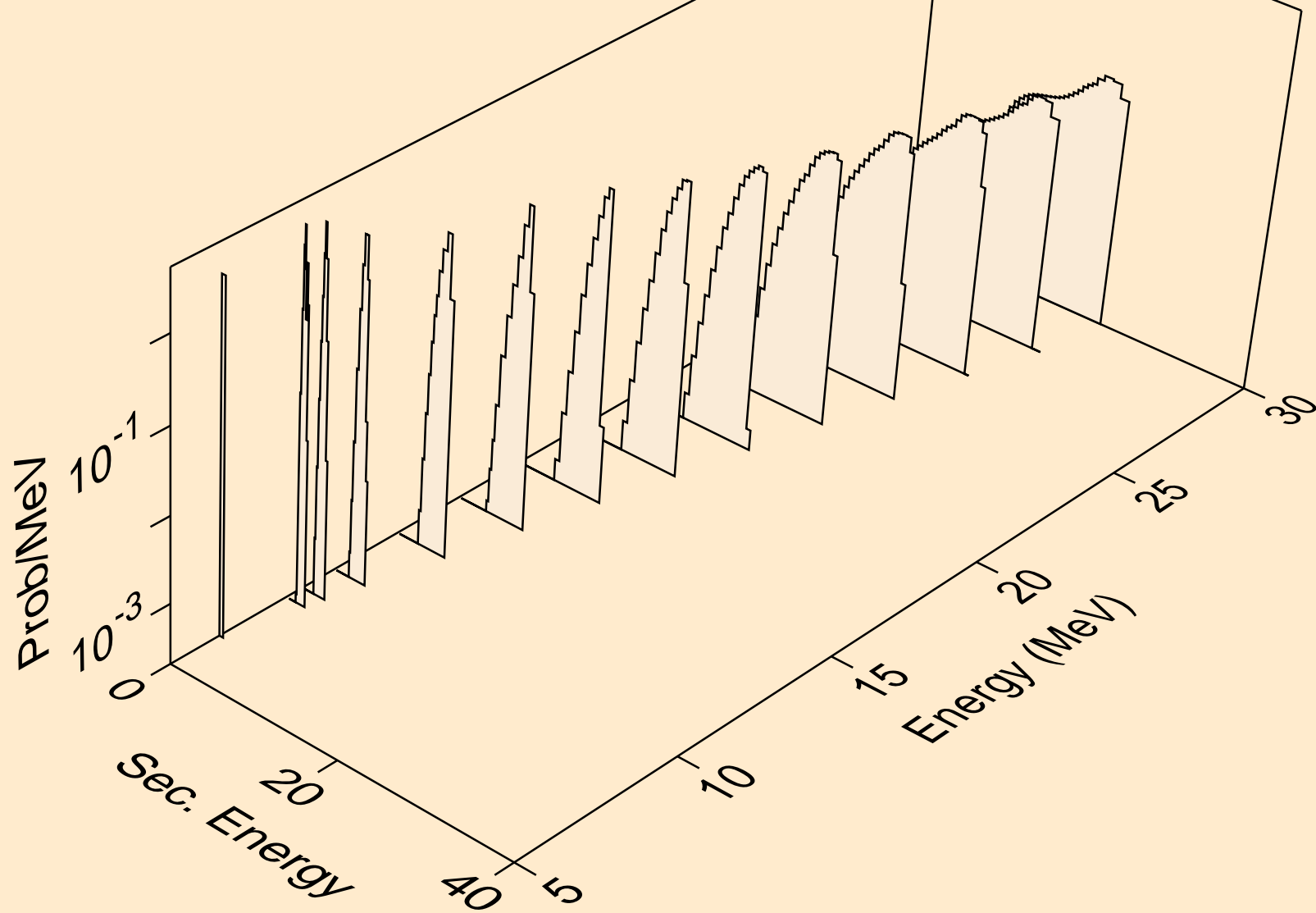
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Particle production cross sections



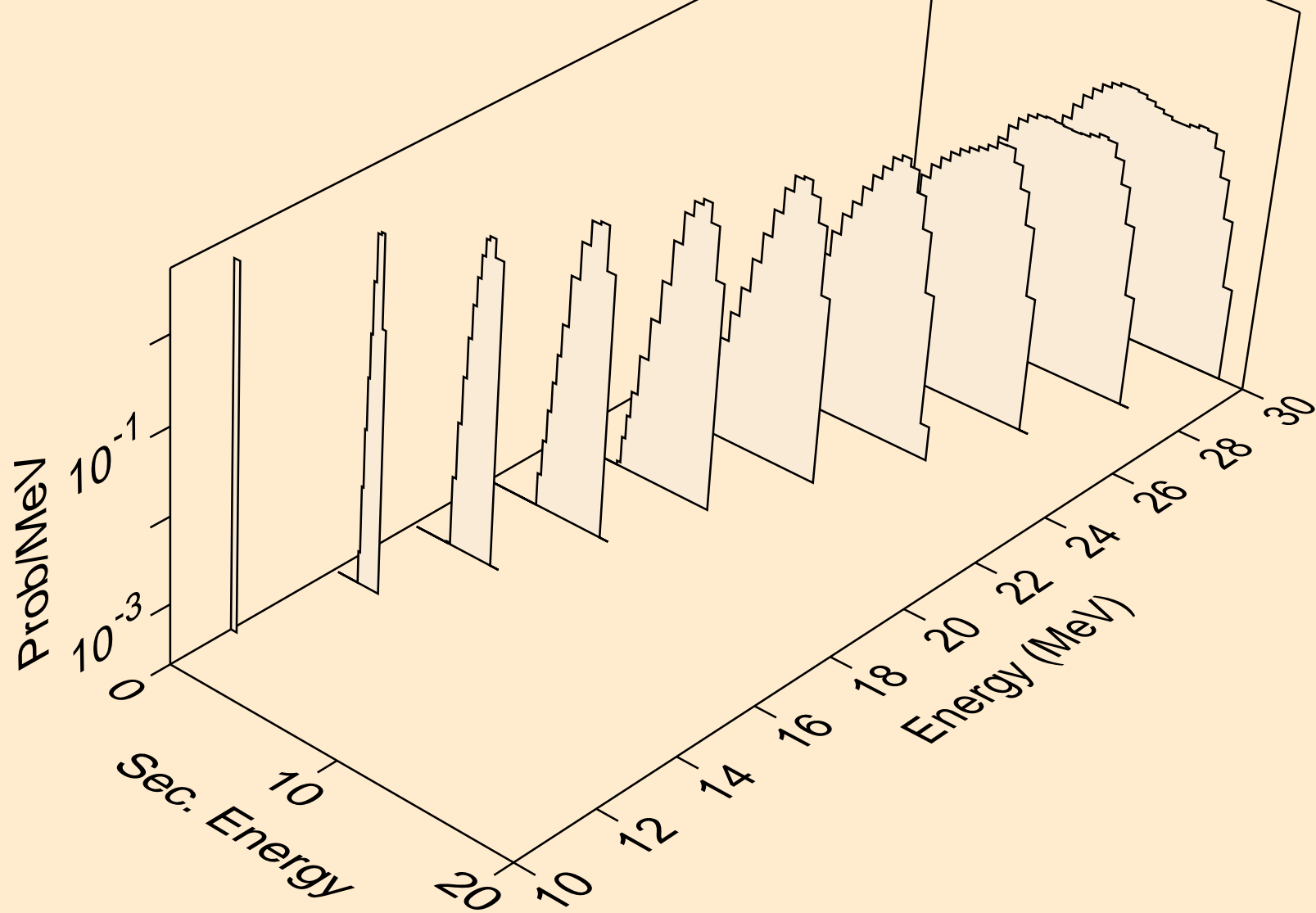
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

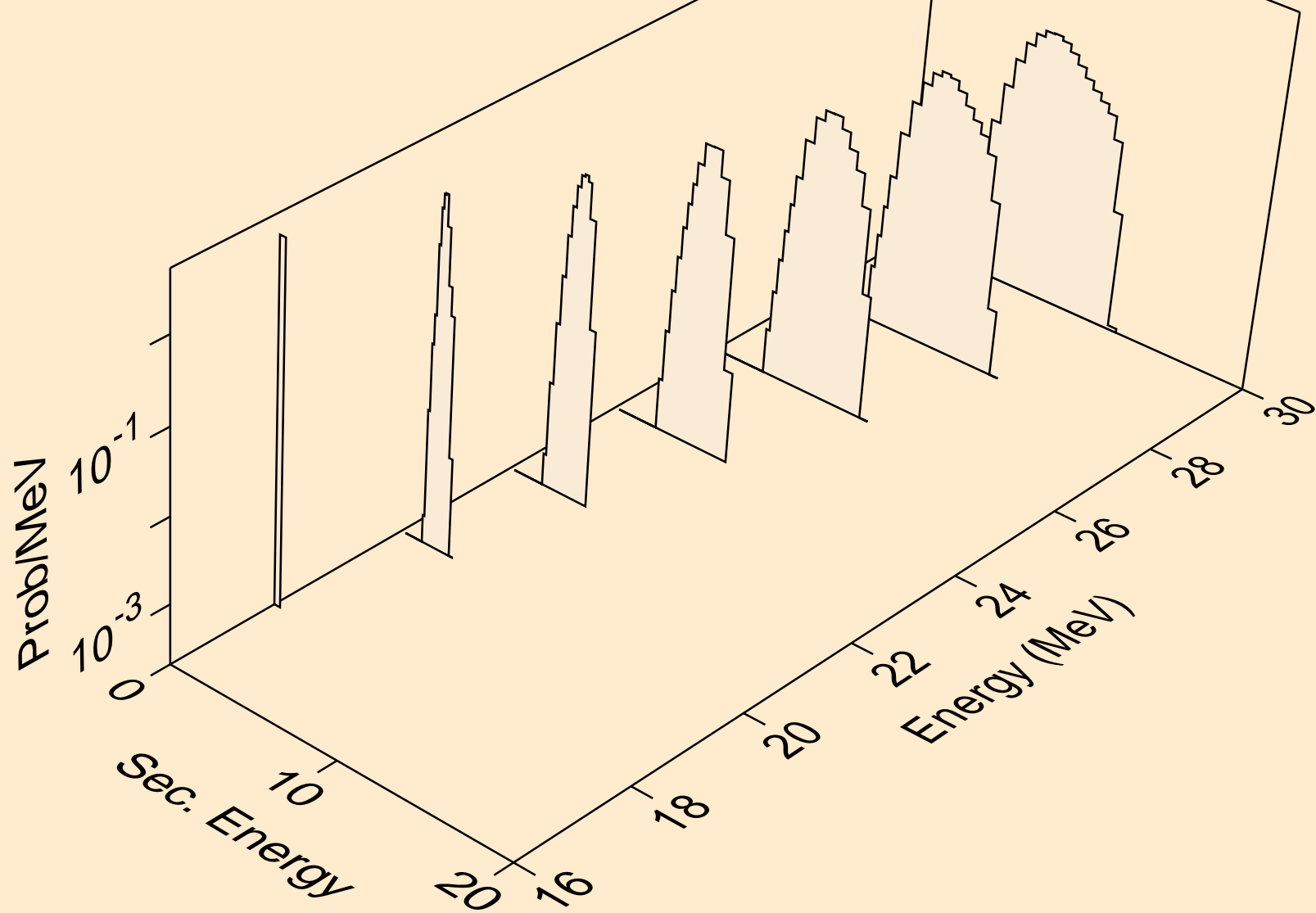


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protons from (n,2np)

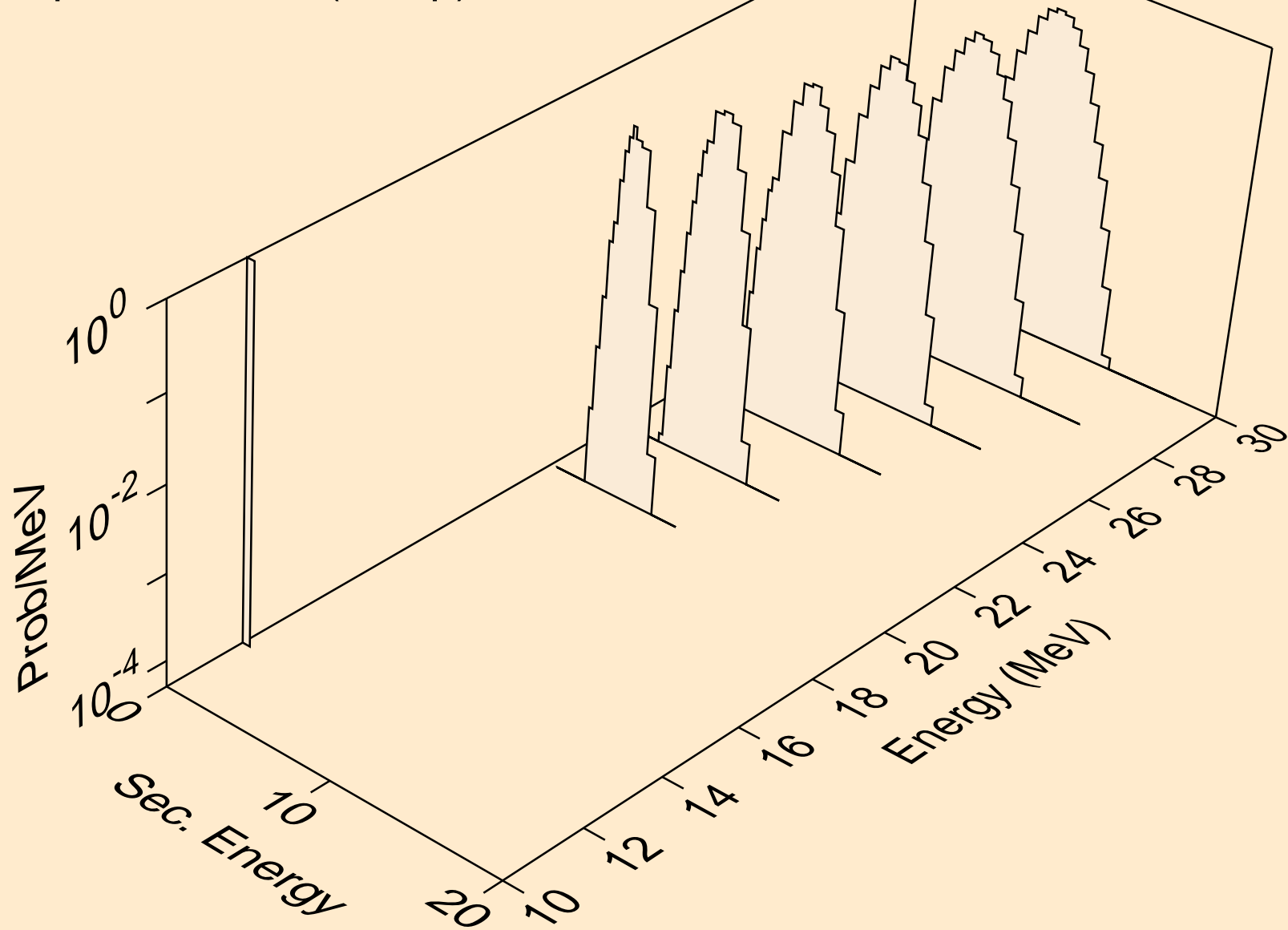




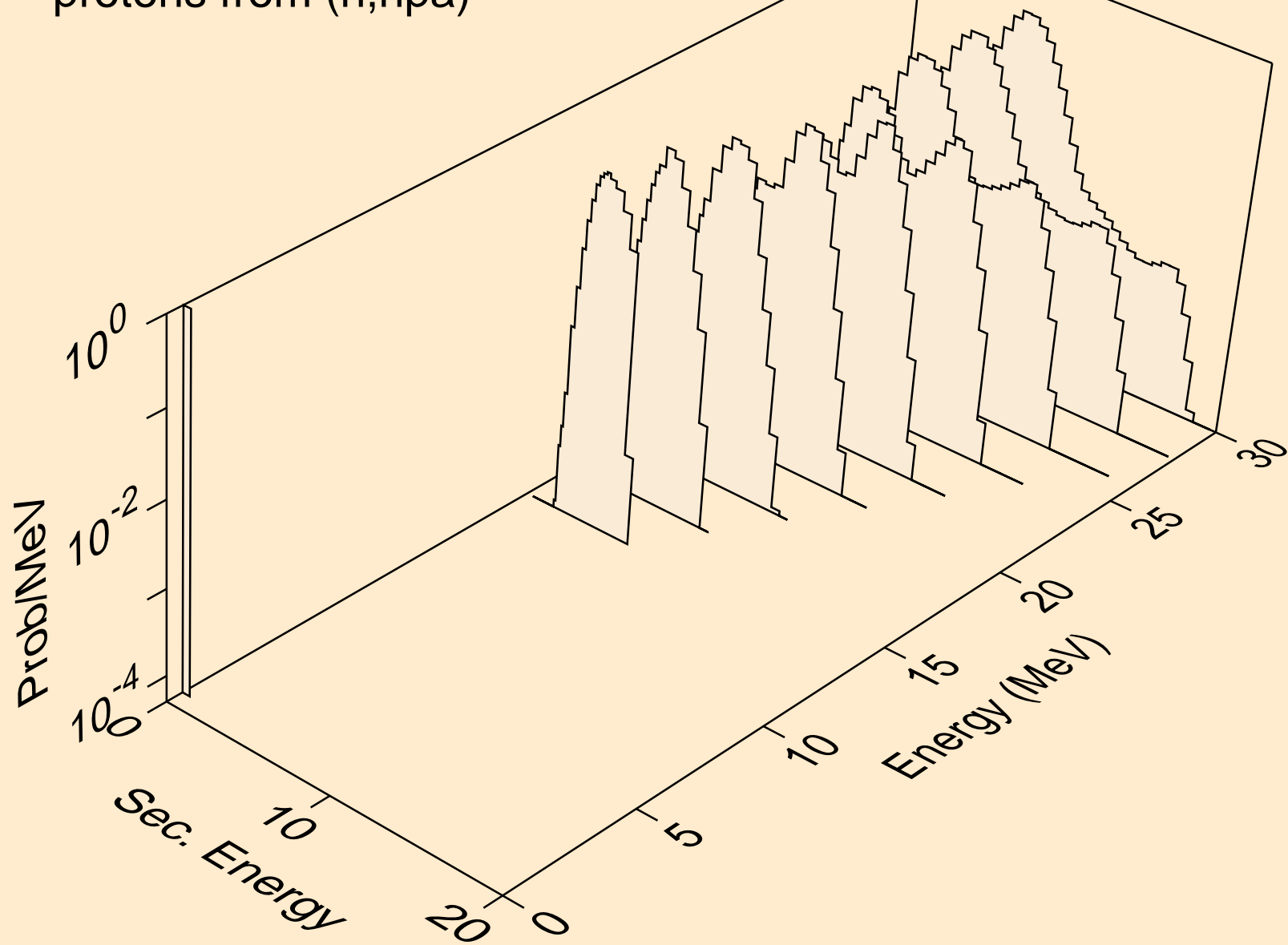
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protons from (n,3np)



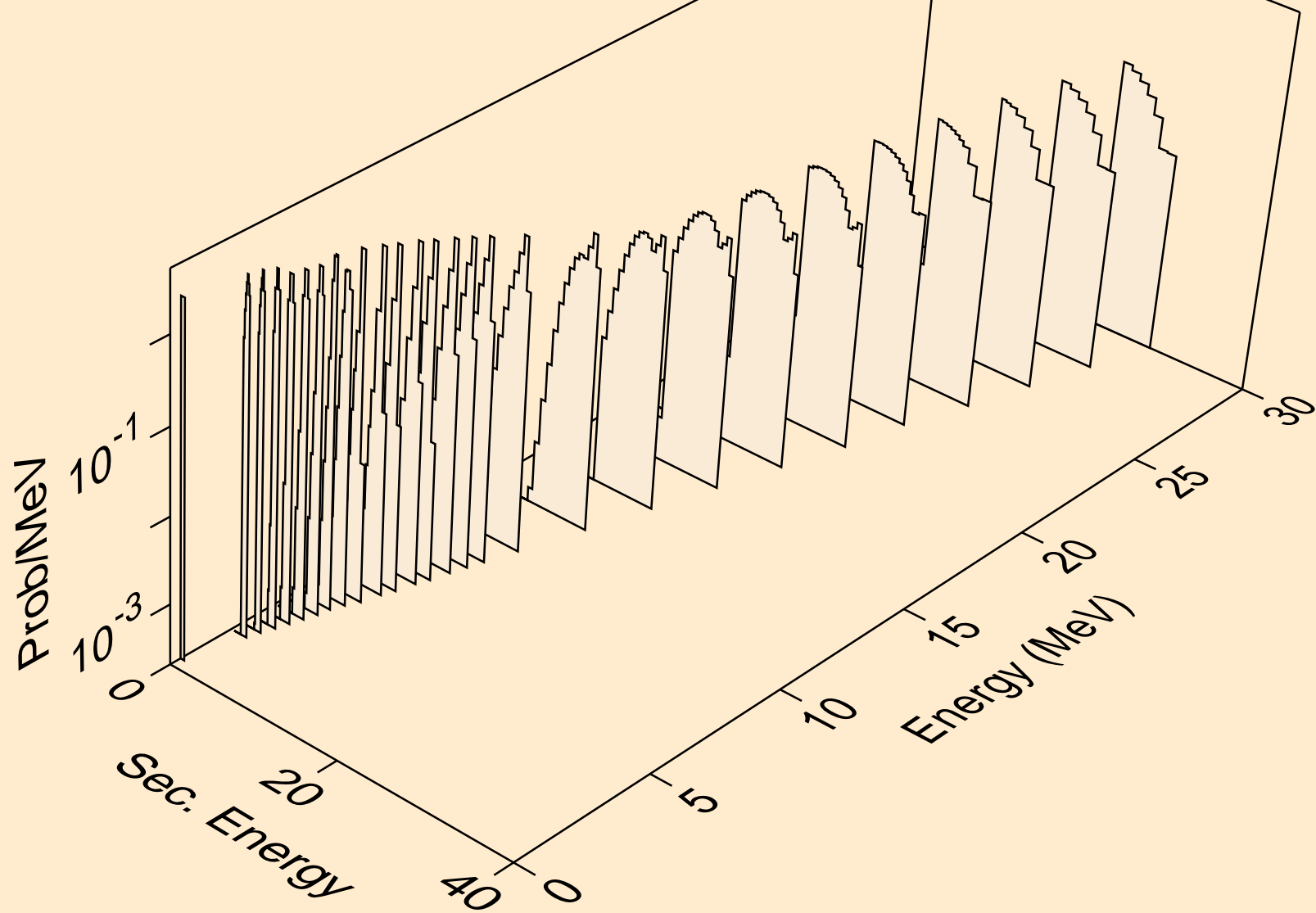
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protons from (n,2np)



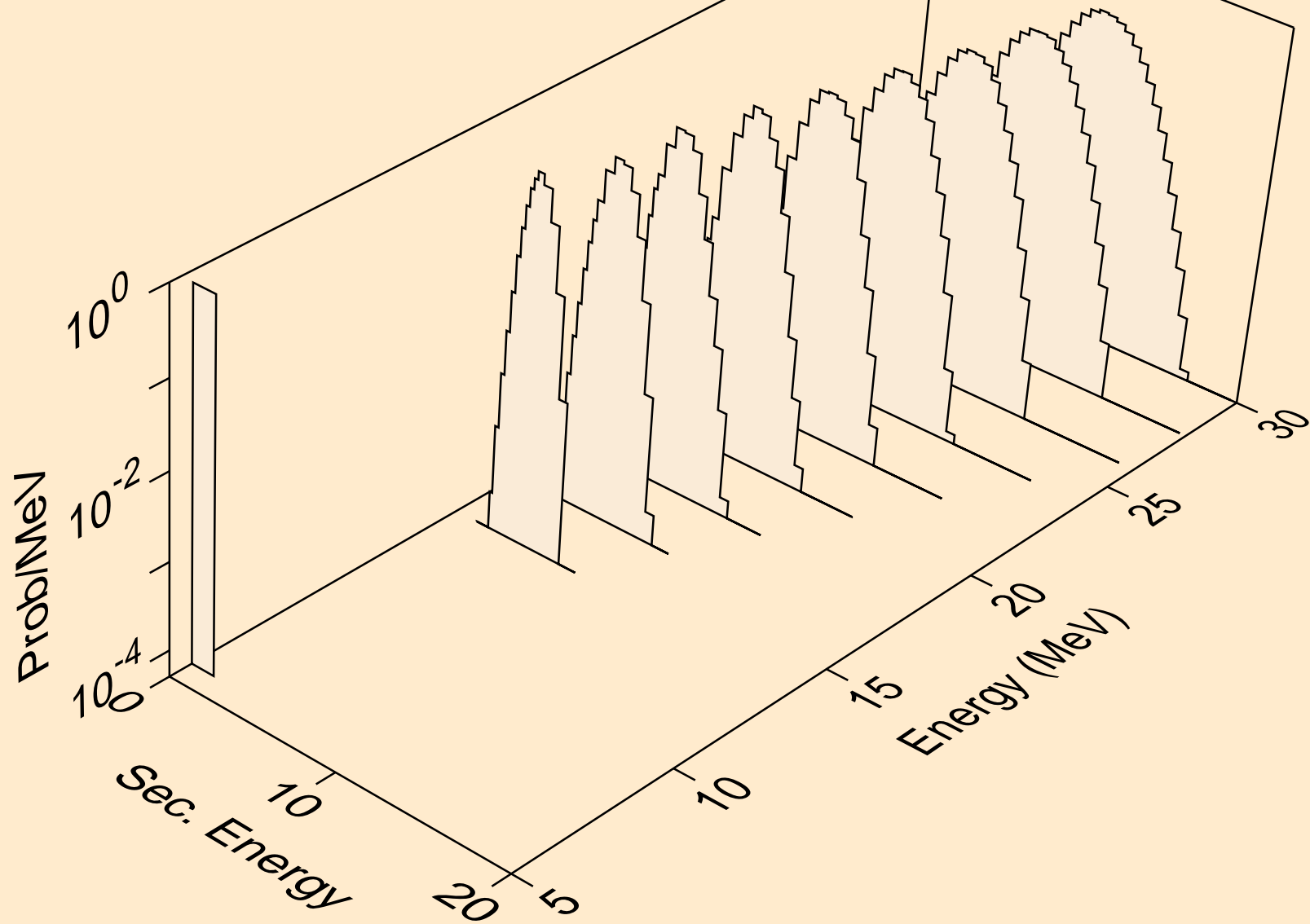
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protons from (n,npa)



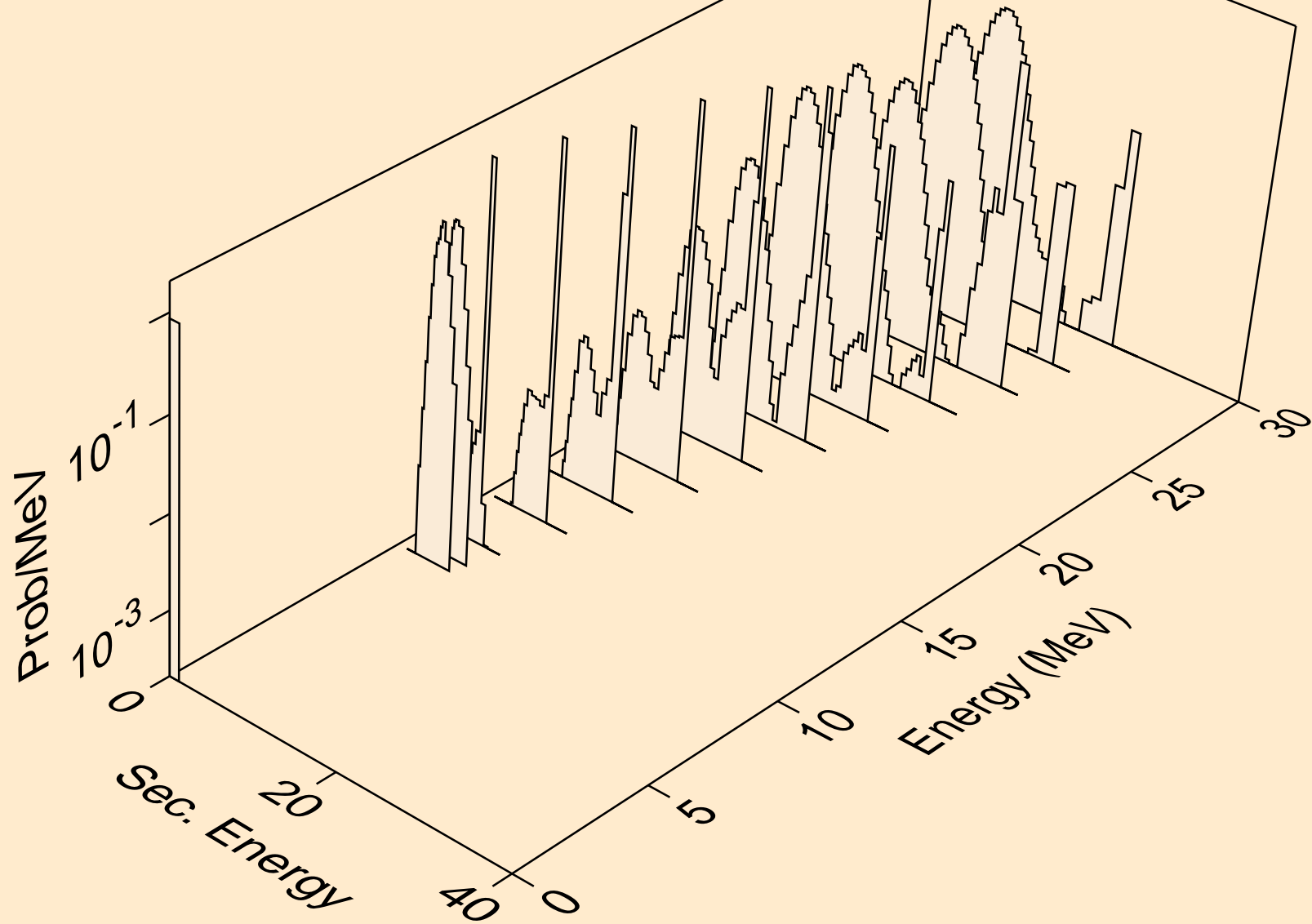
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protons from (n,p)



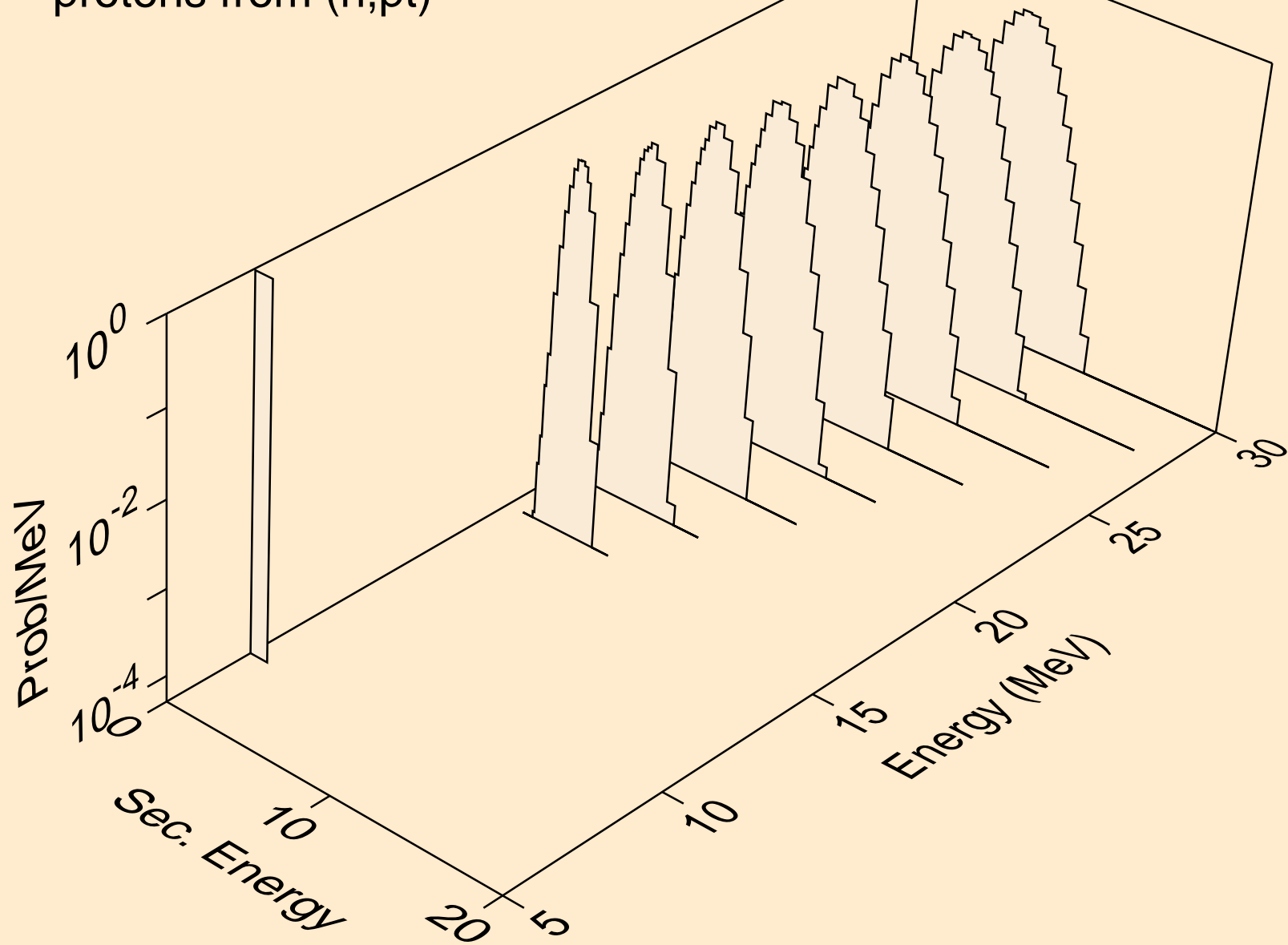
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protons from (n,2p)



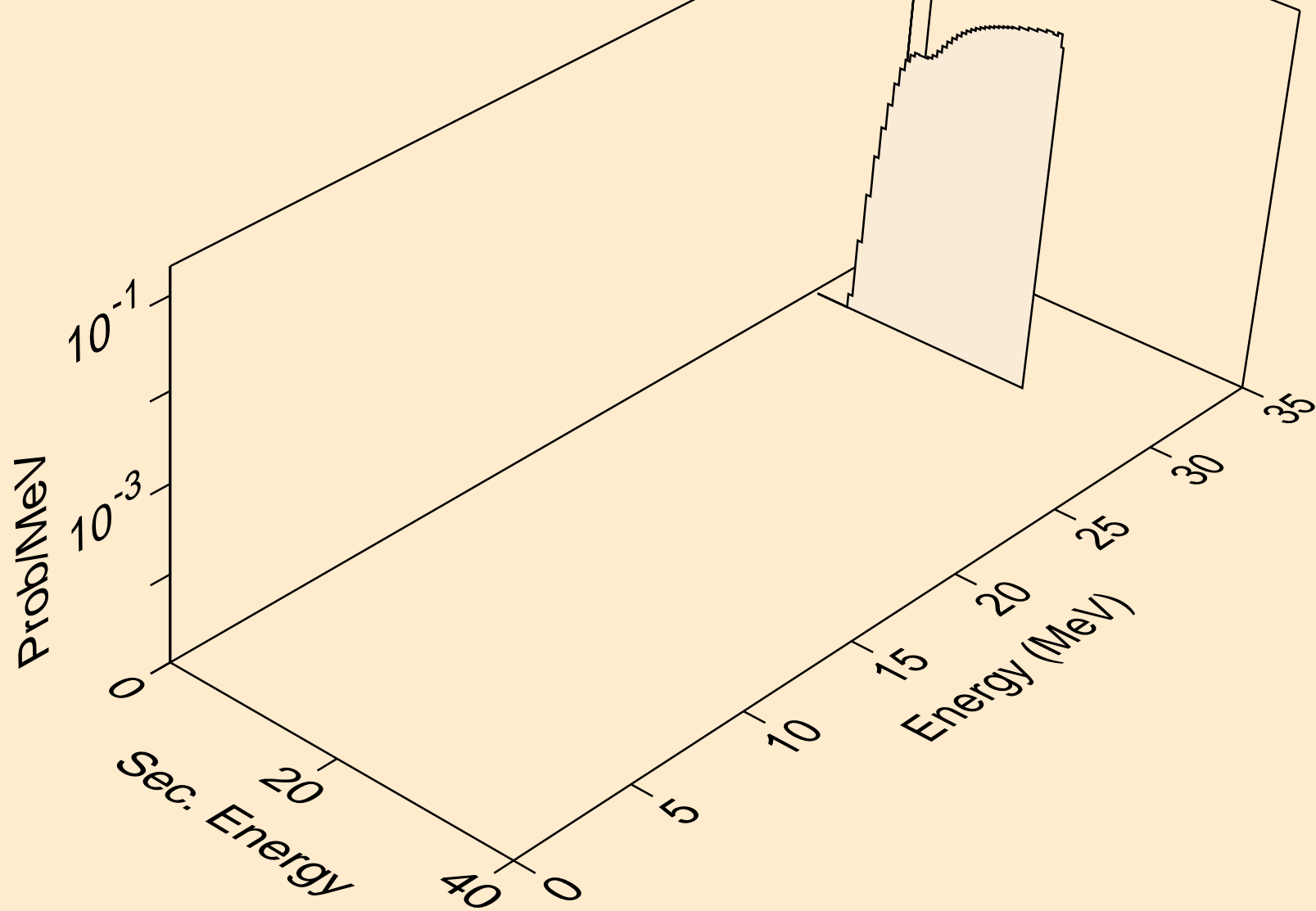
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

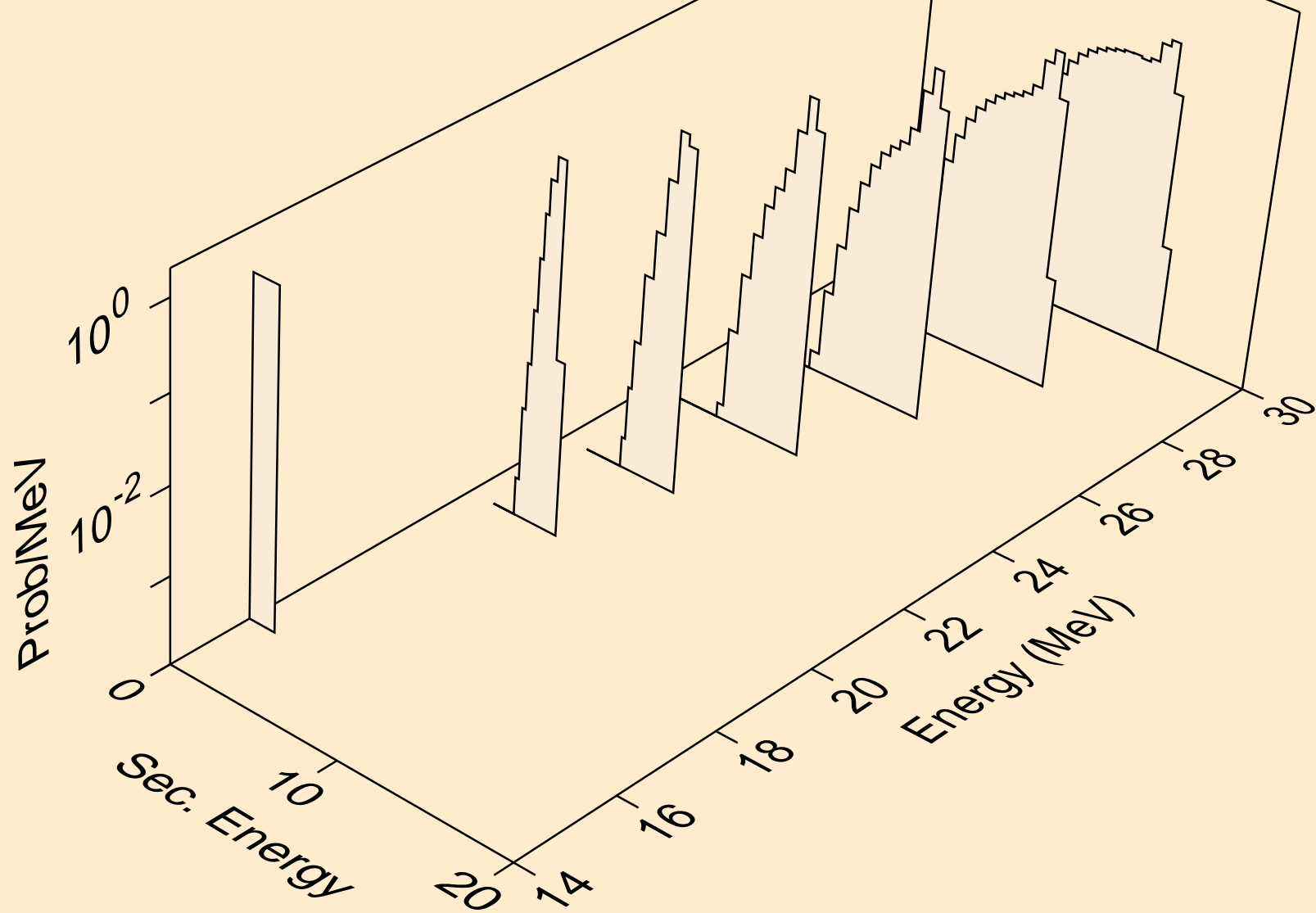


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deuterons from (n,x)

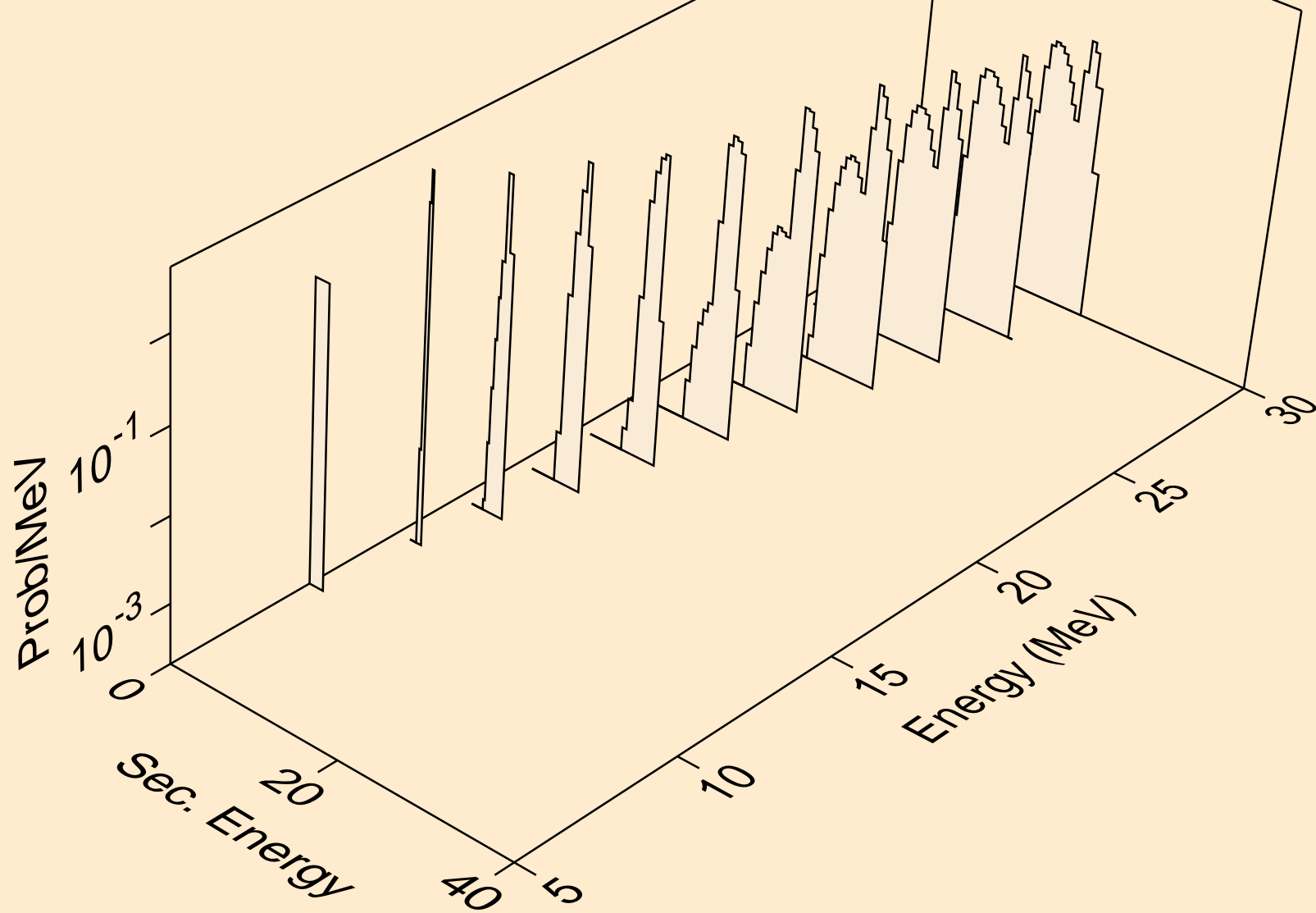




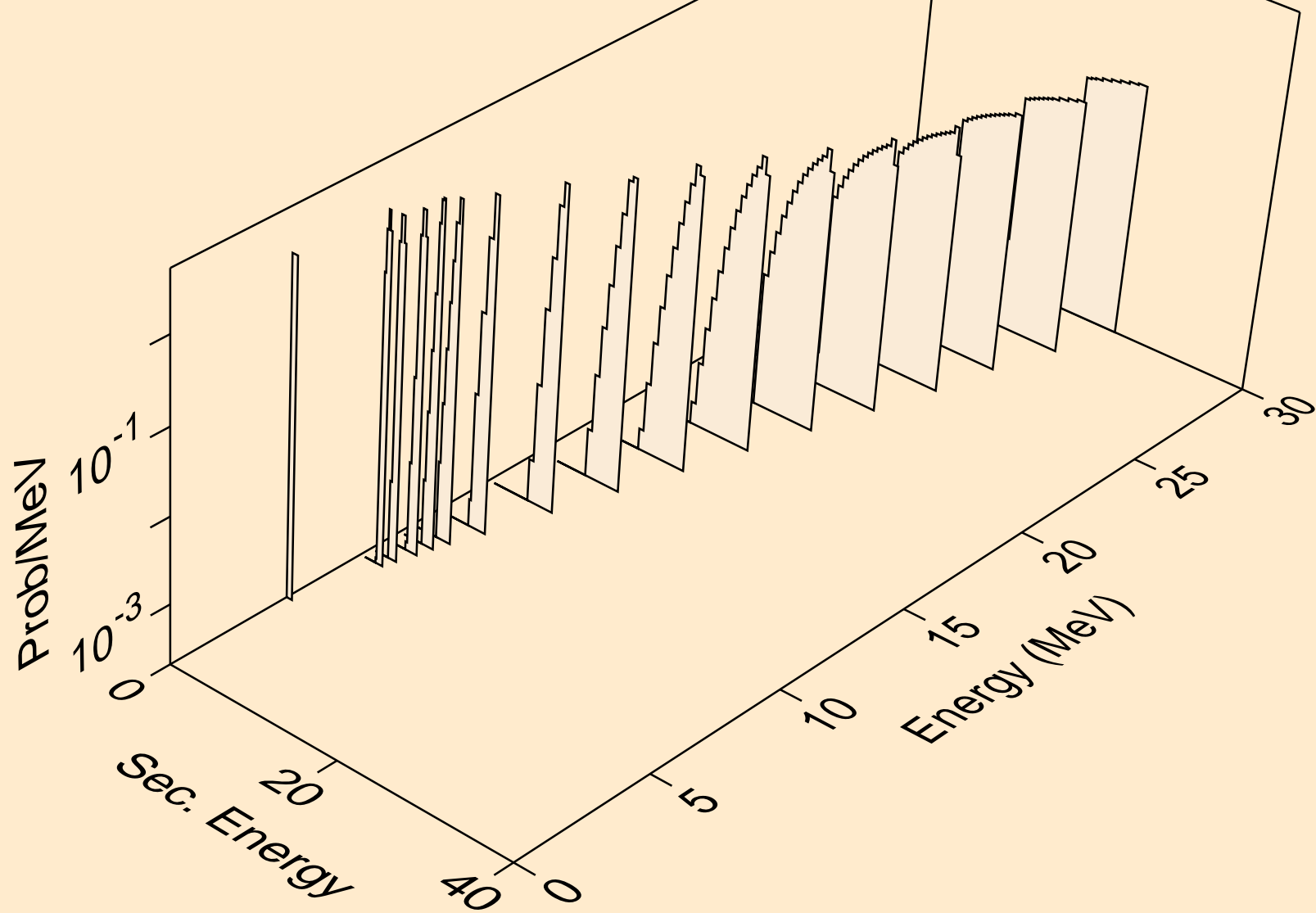
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deuterons from (n,2nd)



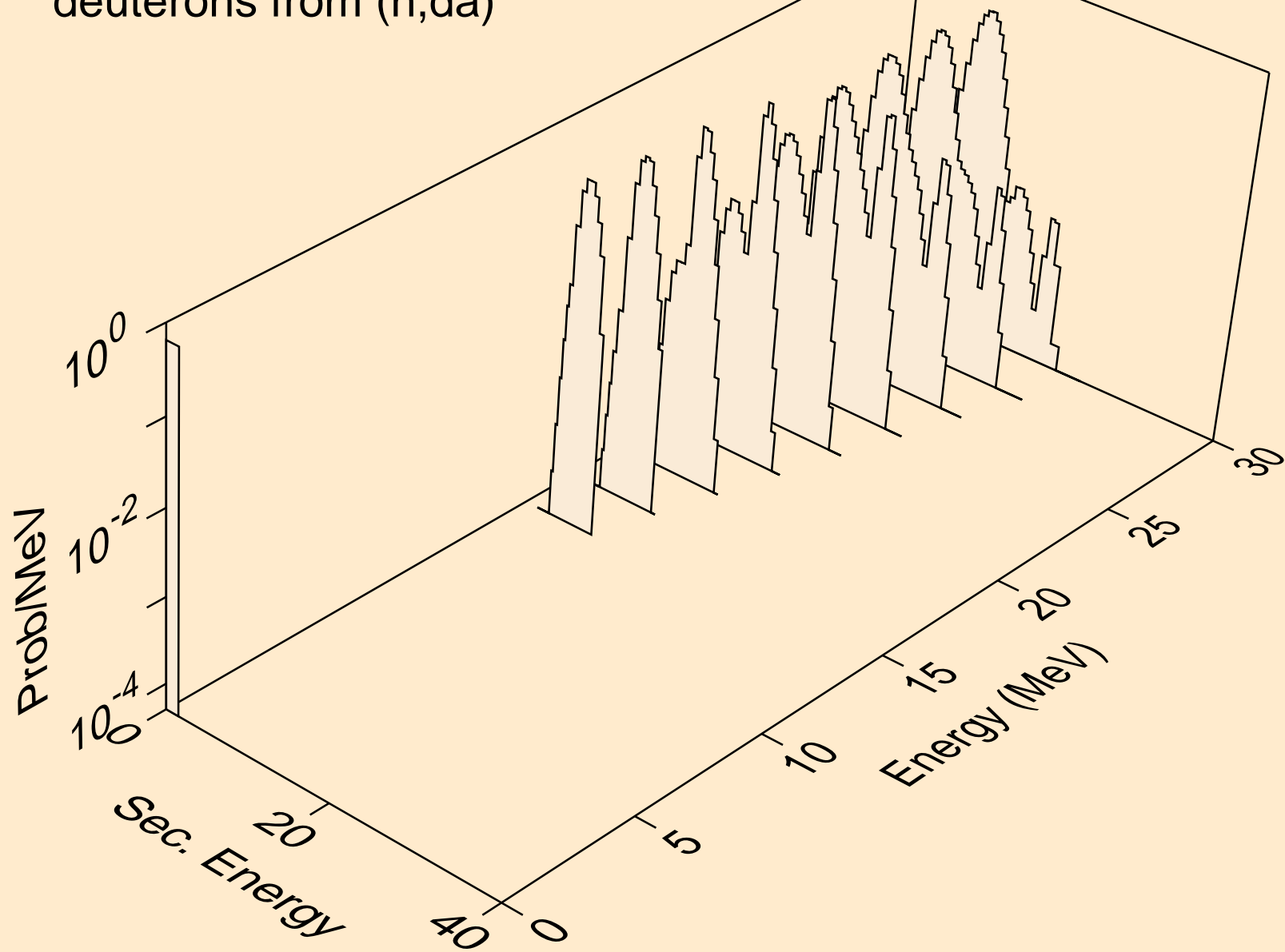
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deuterons from (n,n\*)d



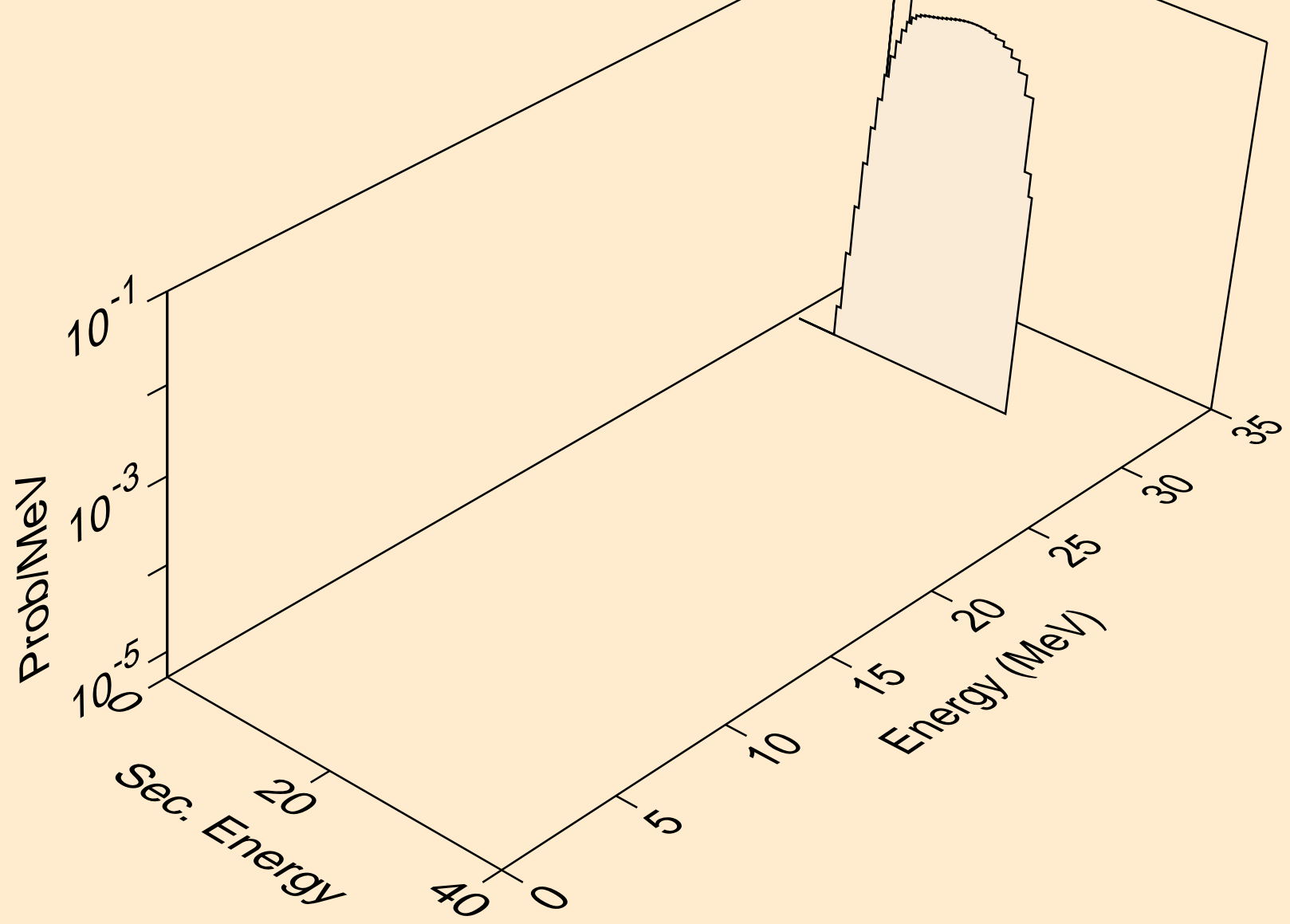
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deuterons from (n,d)



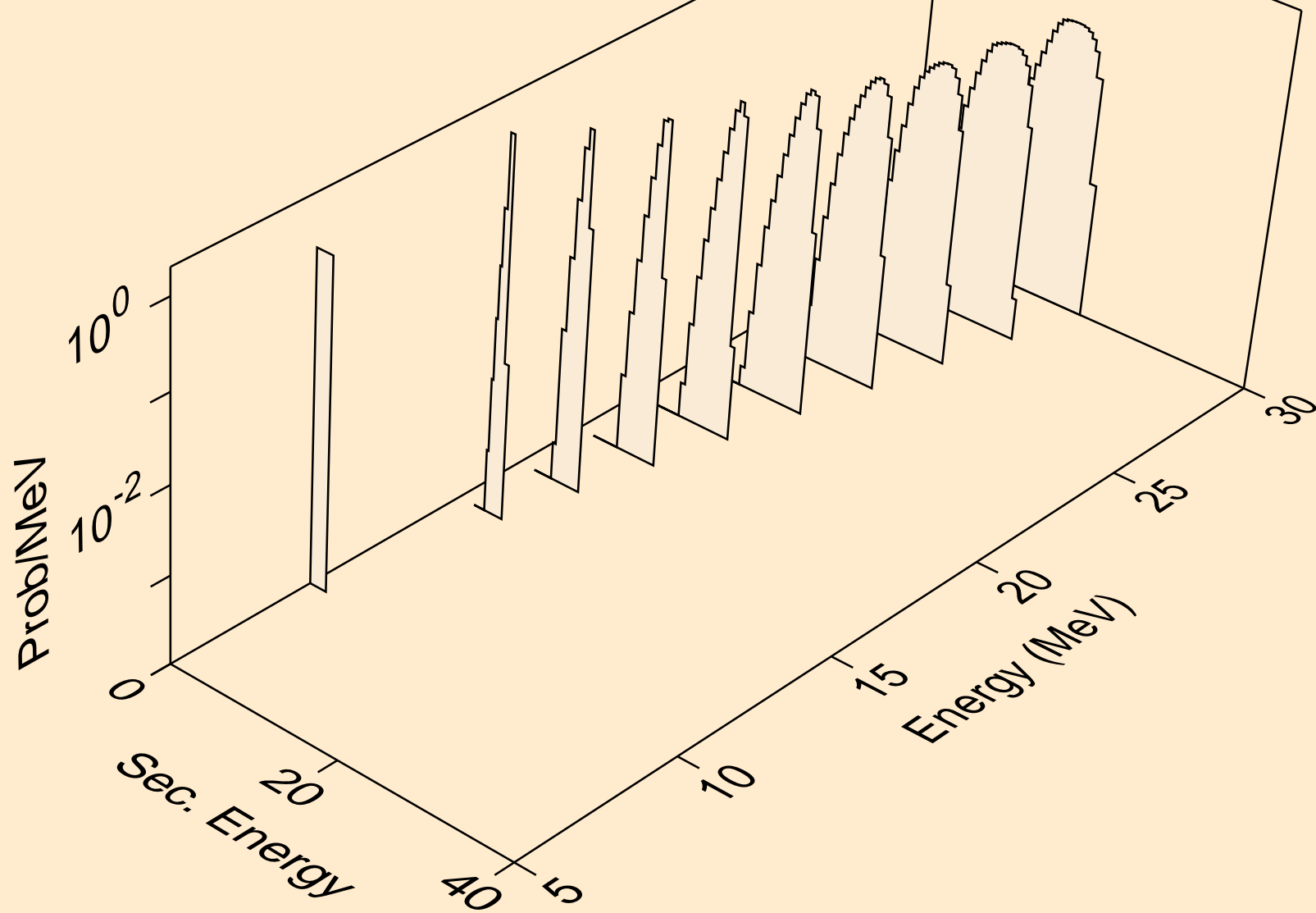
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deuterons from (n,da)



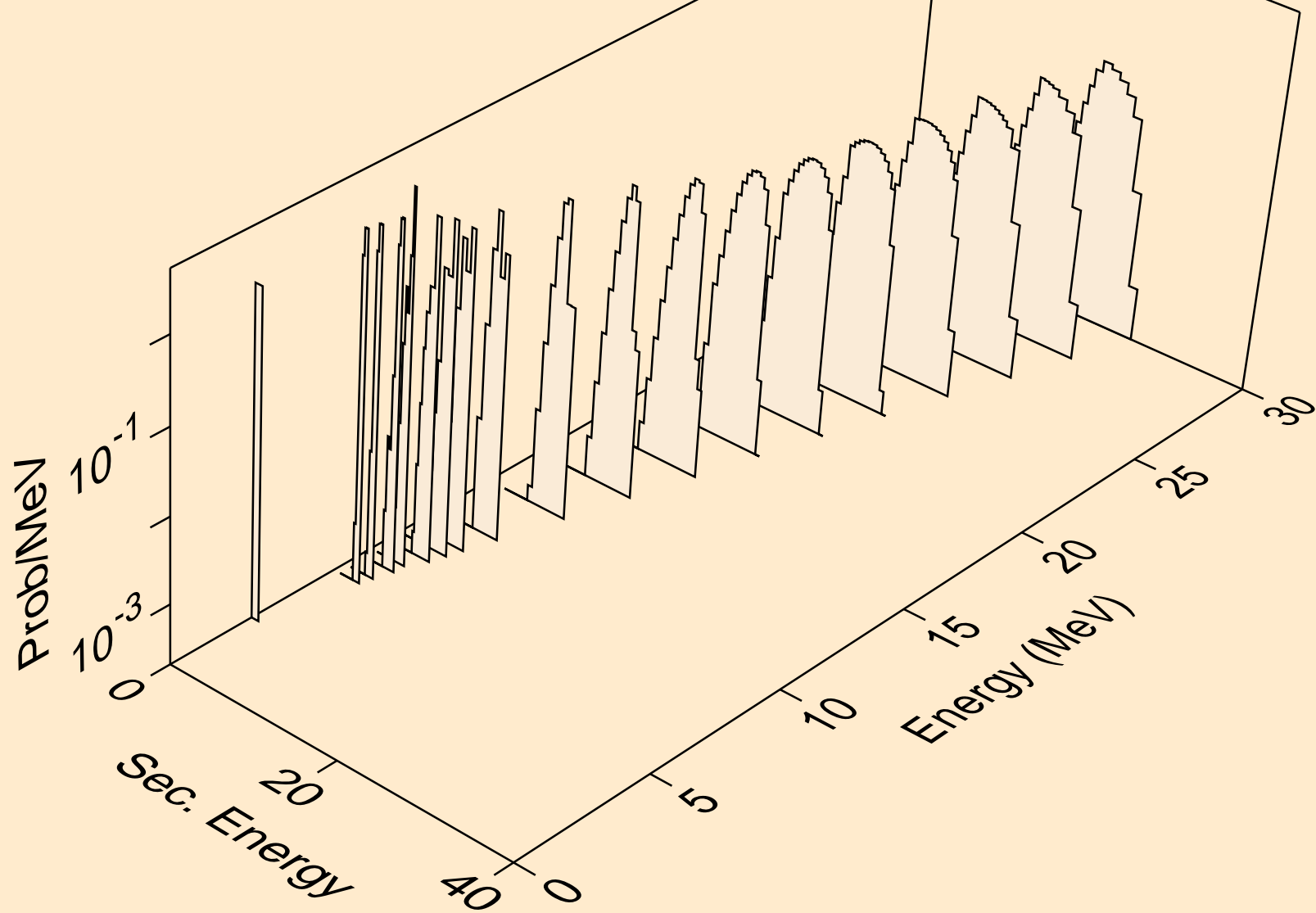
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



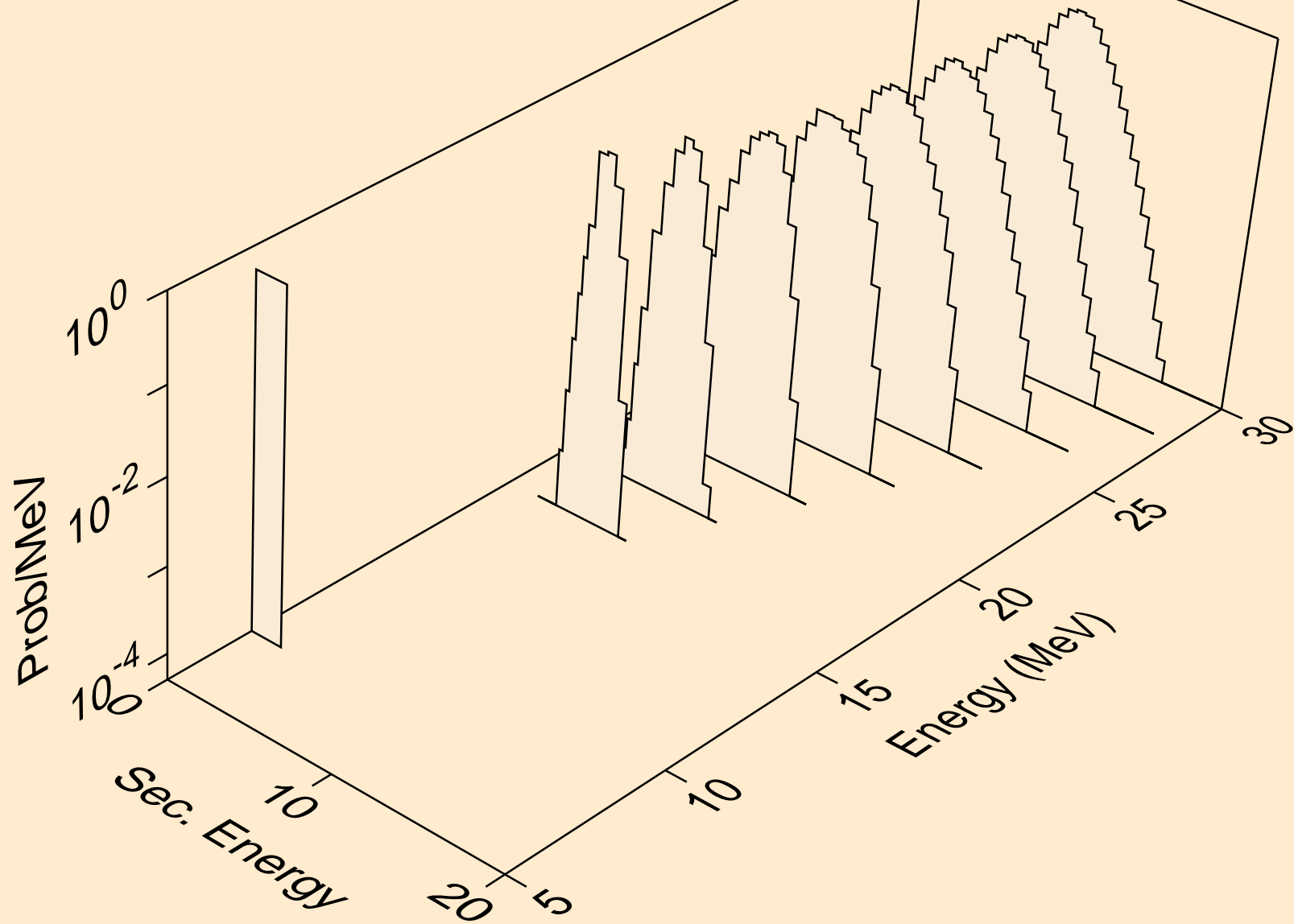
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

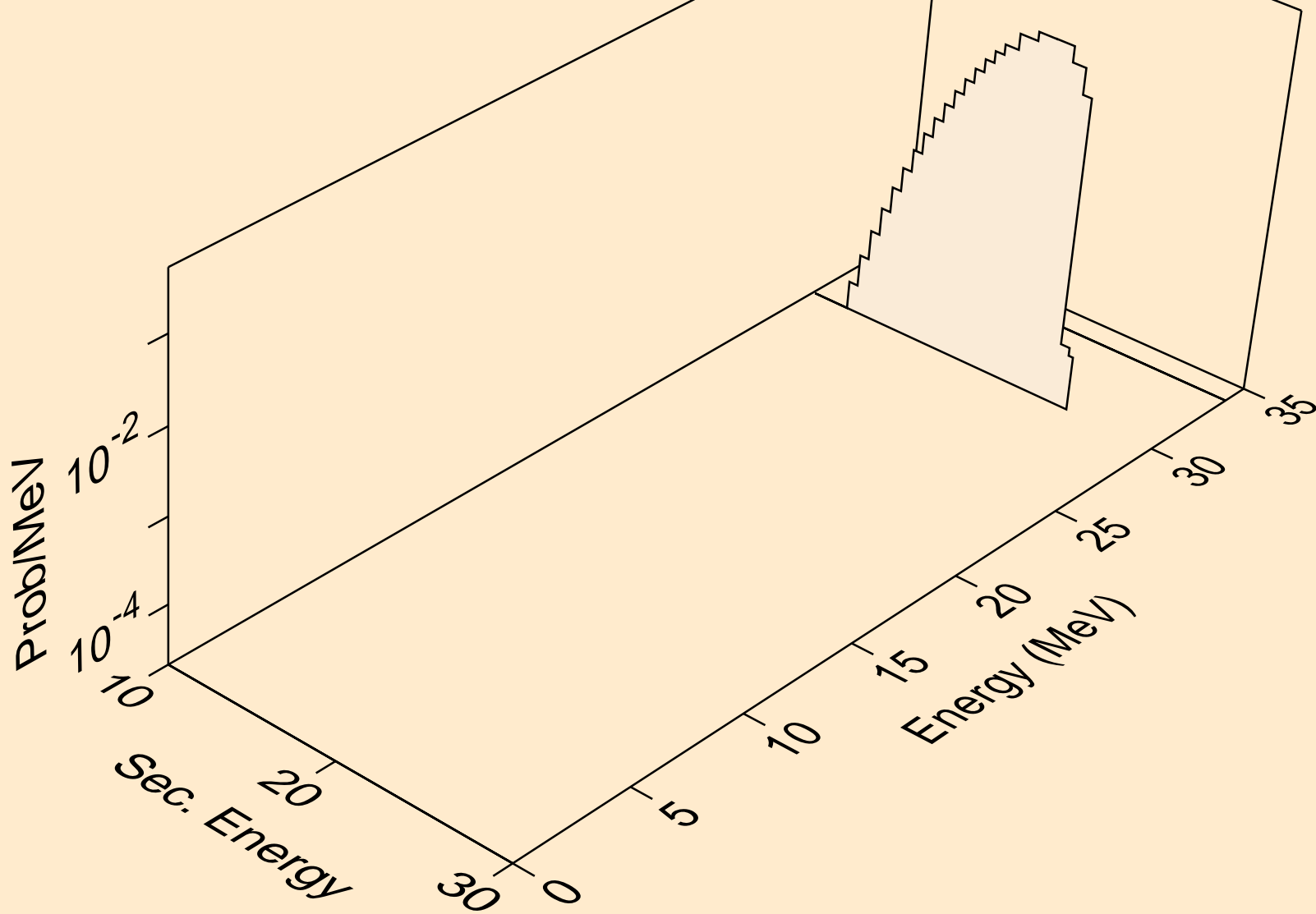


RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)

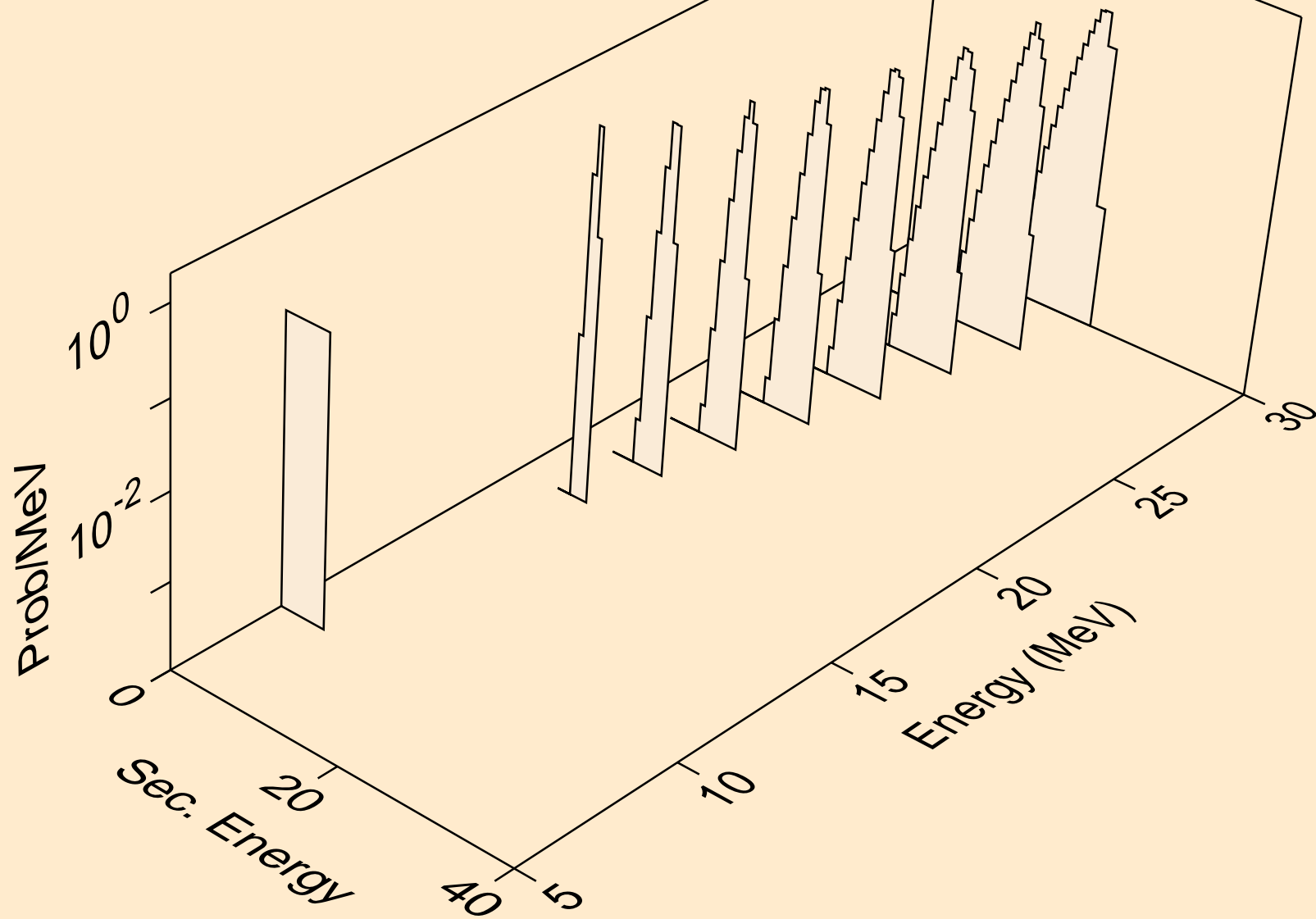




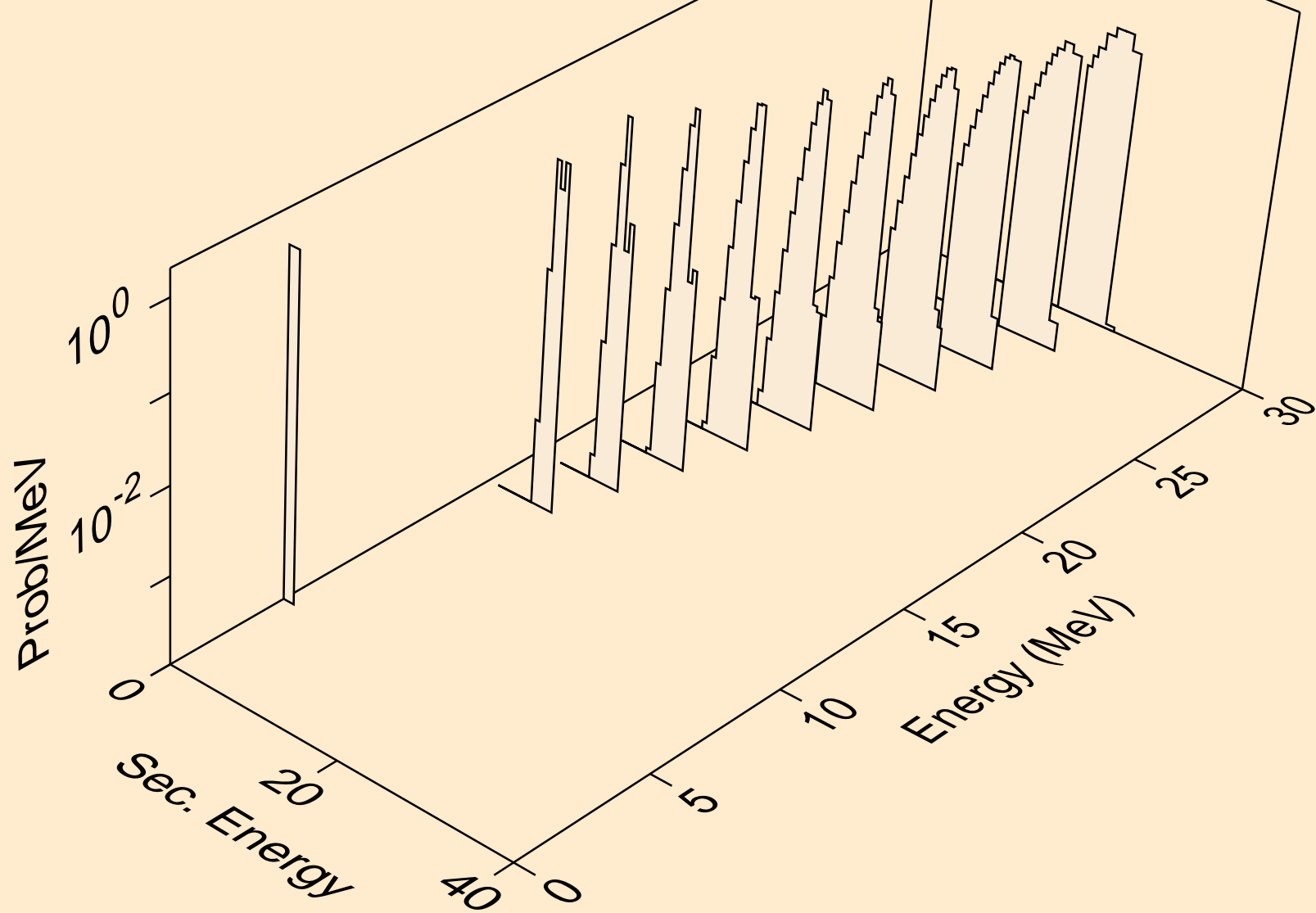
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



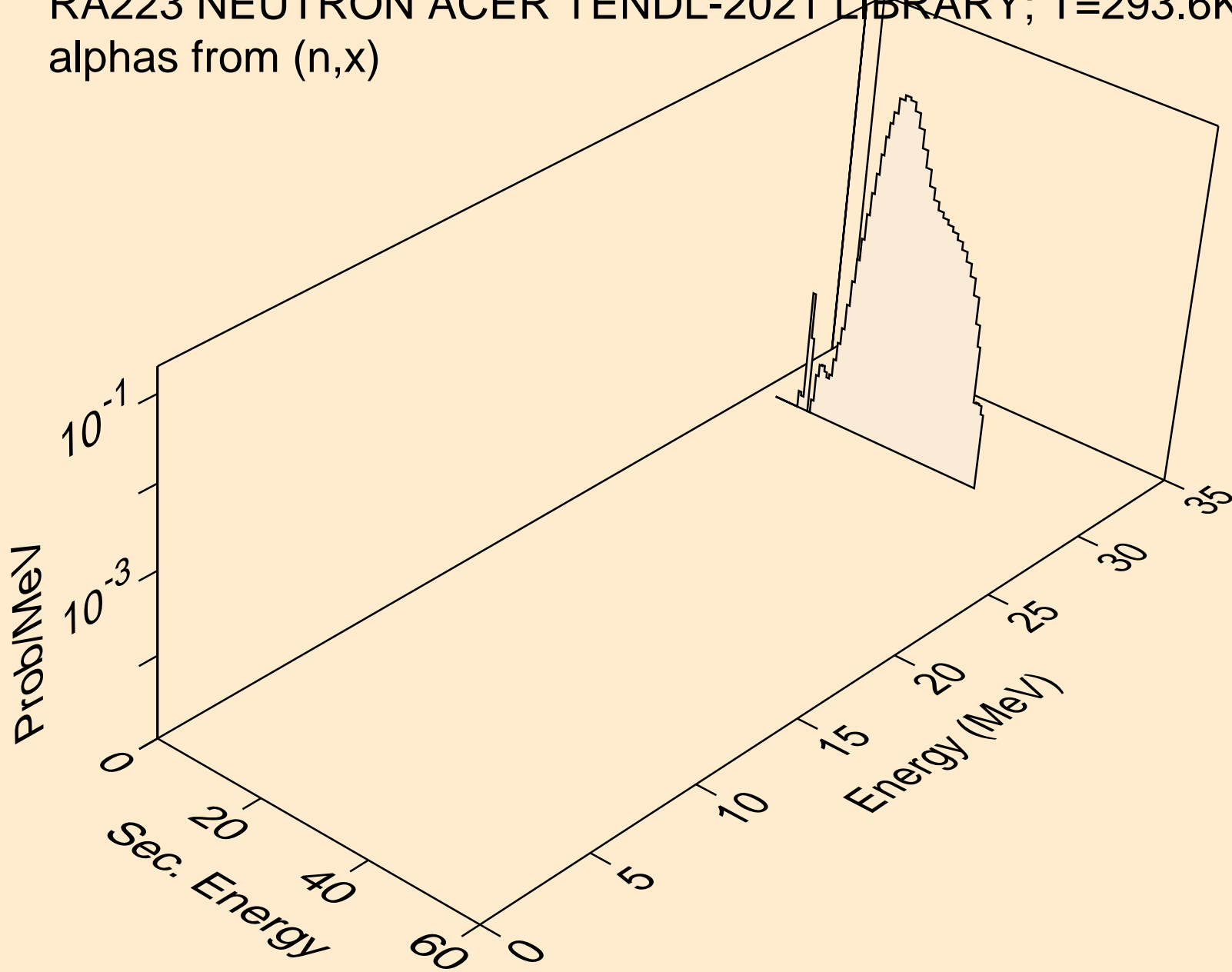
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he3s from (n,n\*)he3



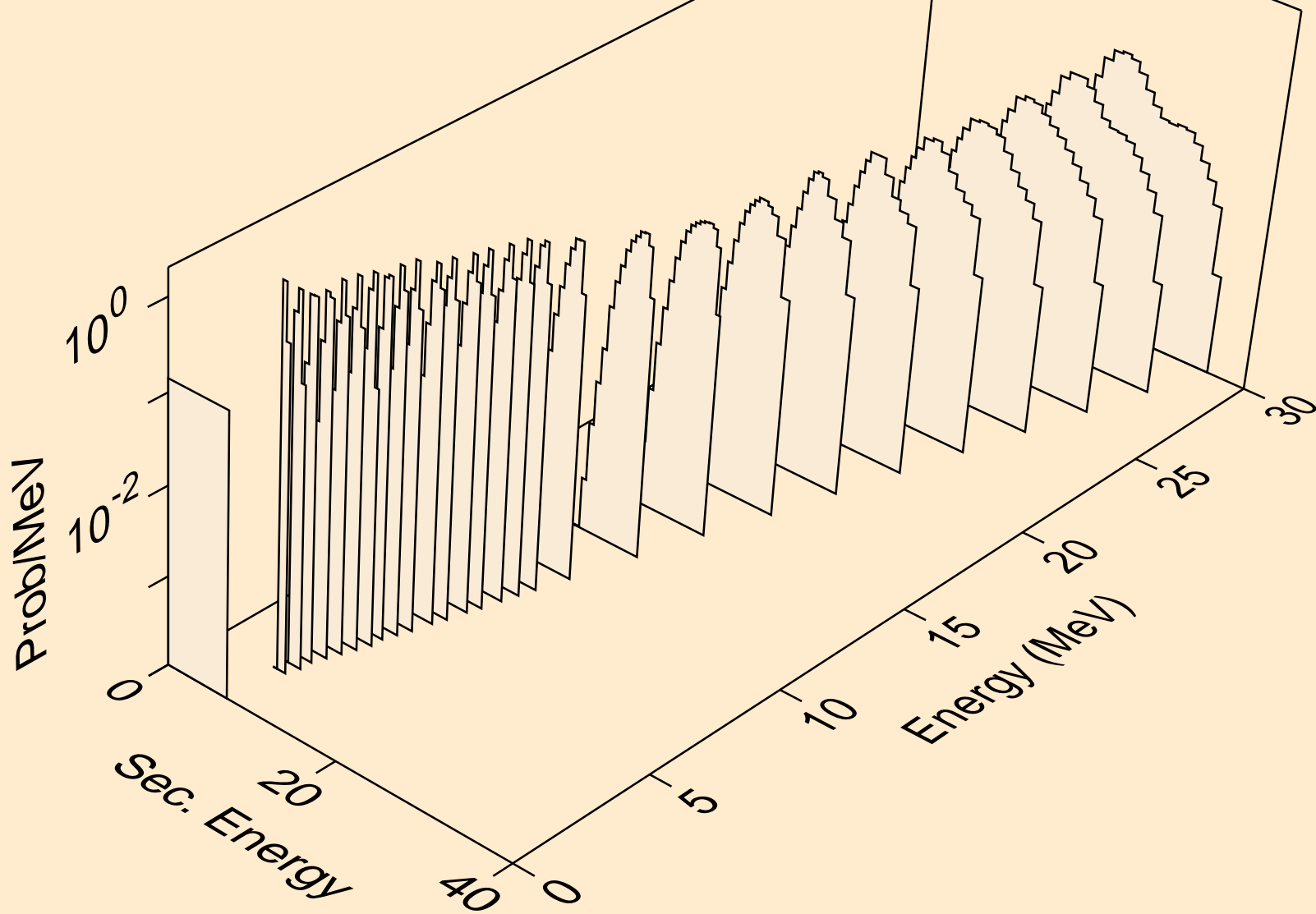
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he3s from (n,he3)



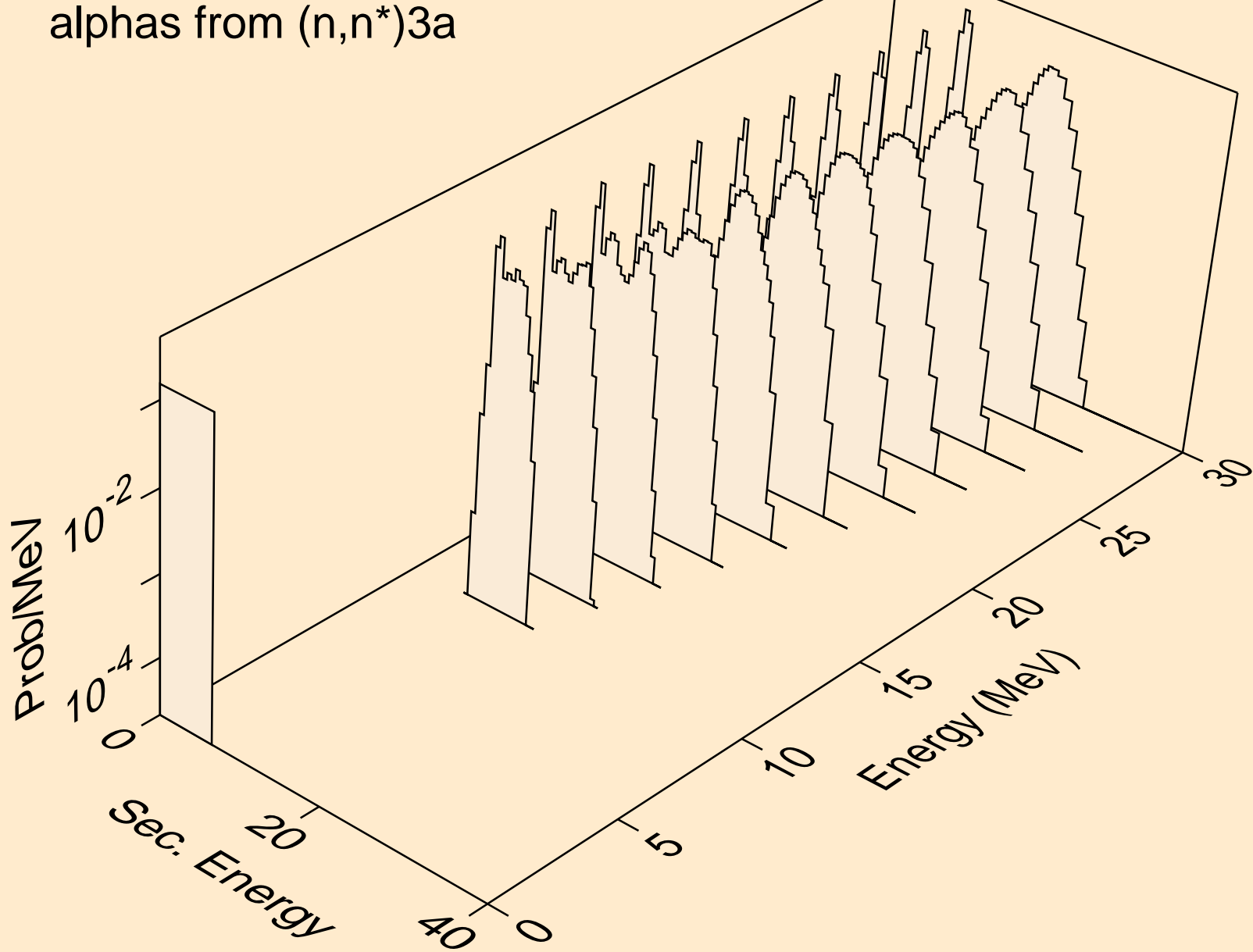
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alphas from (n,x)



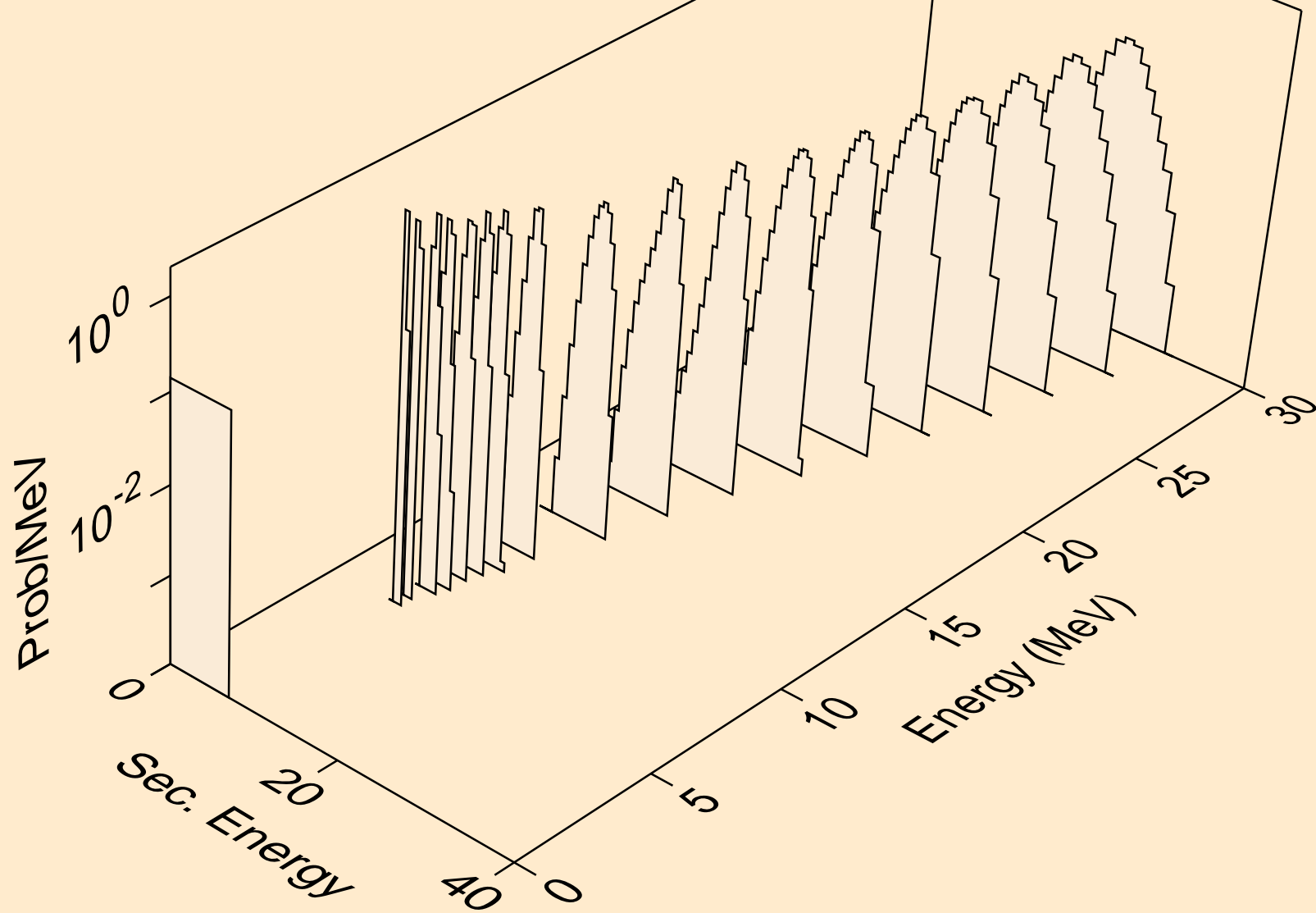
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



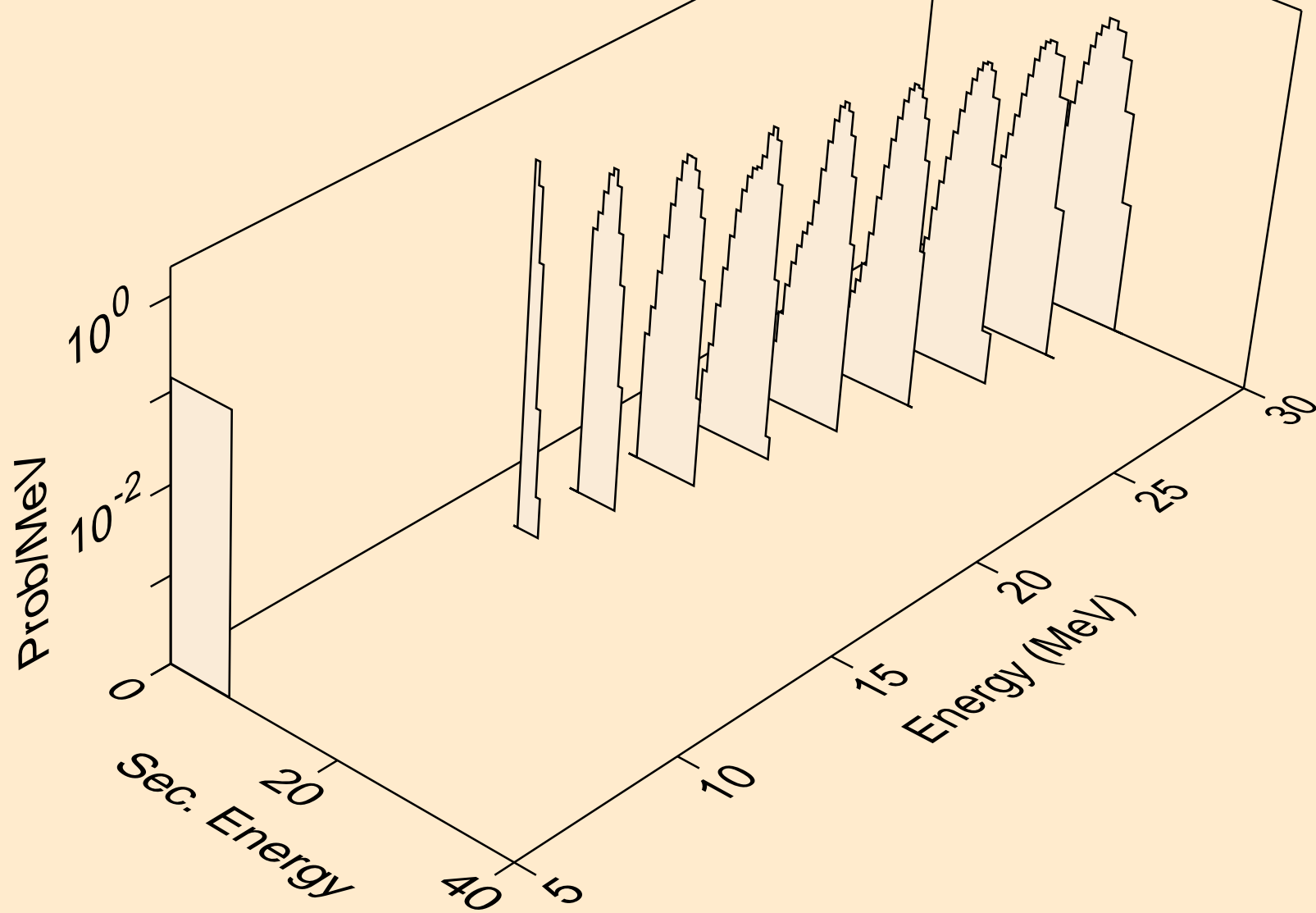
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)3a



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

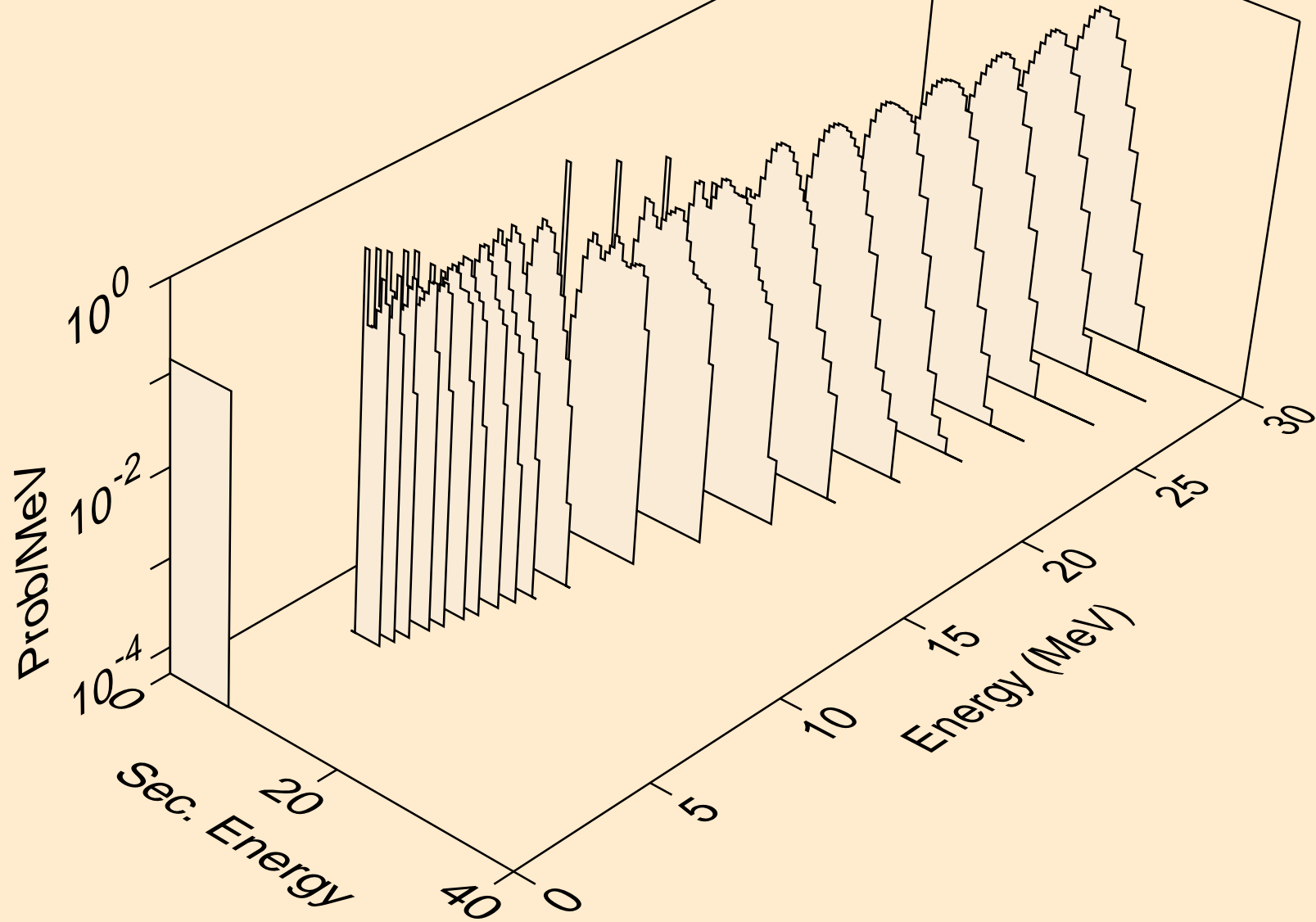


RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

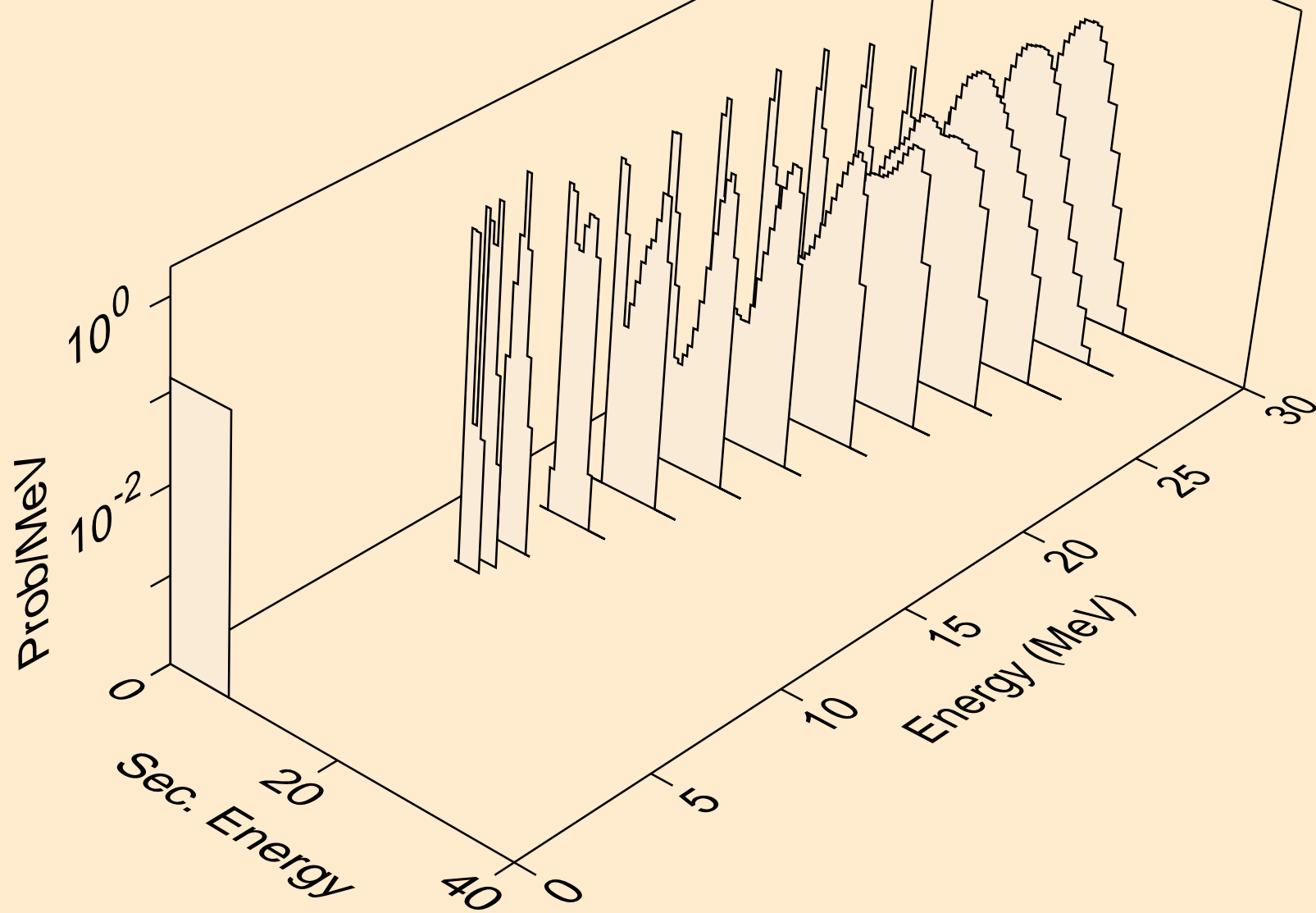




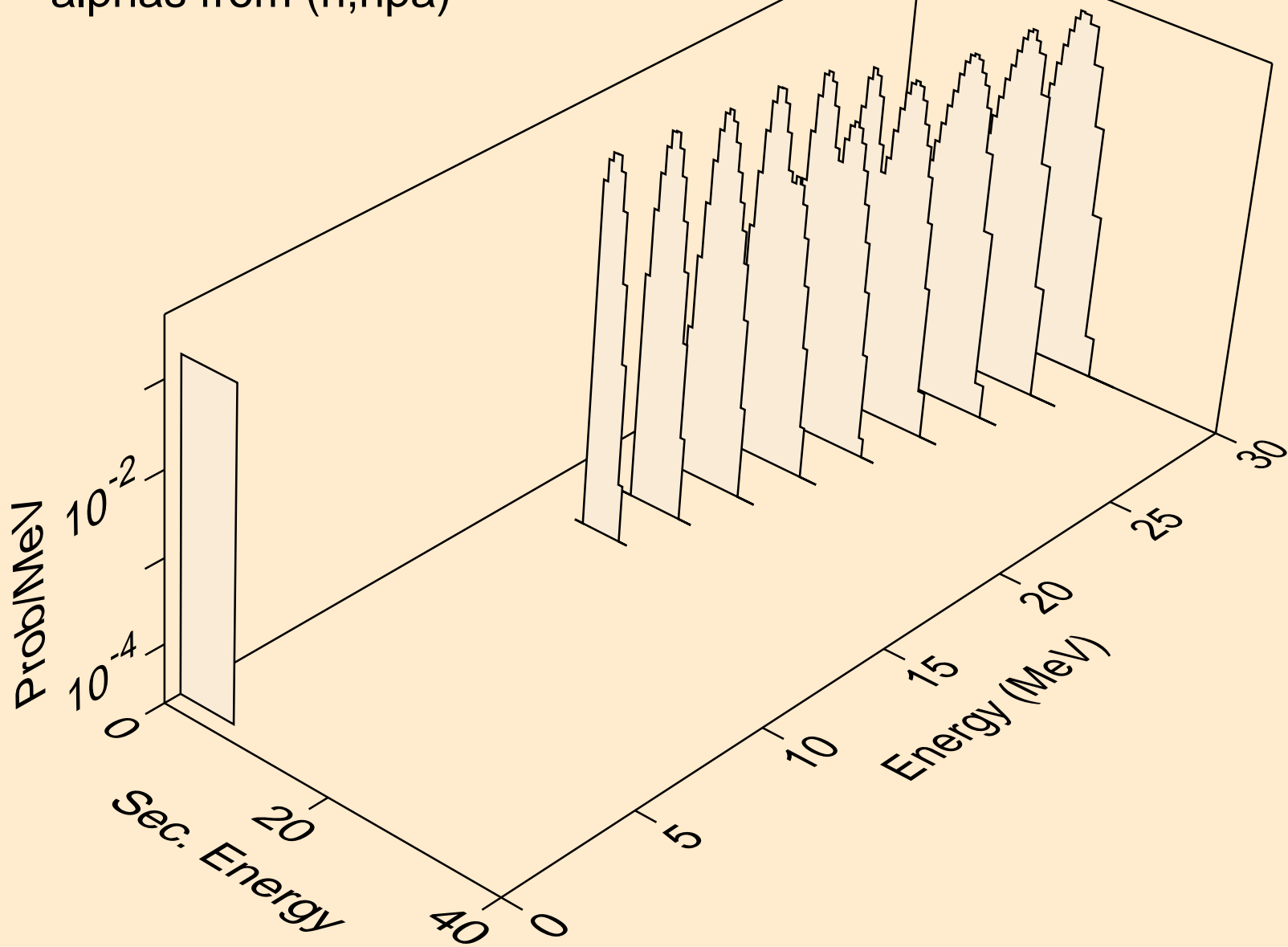
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



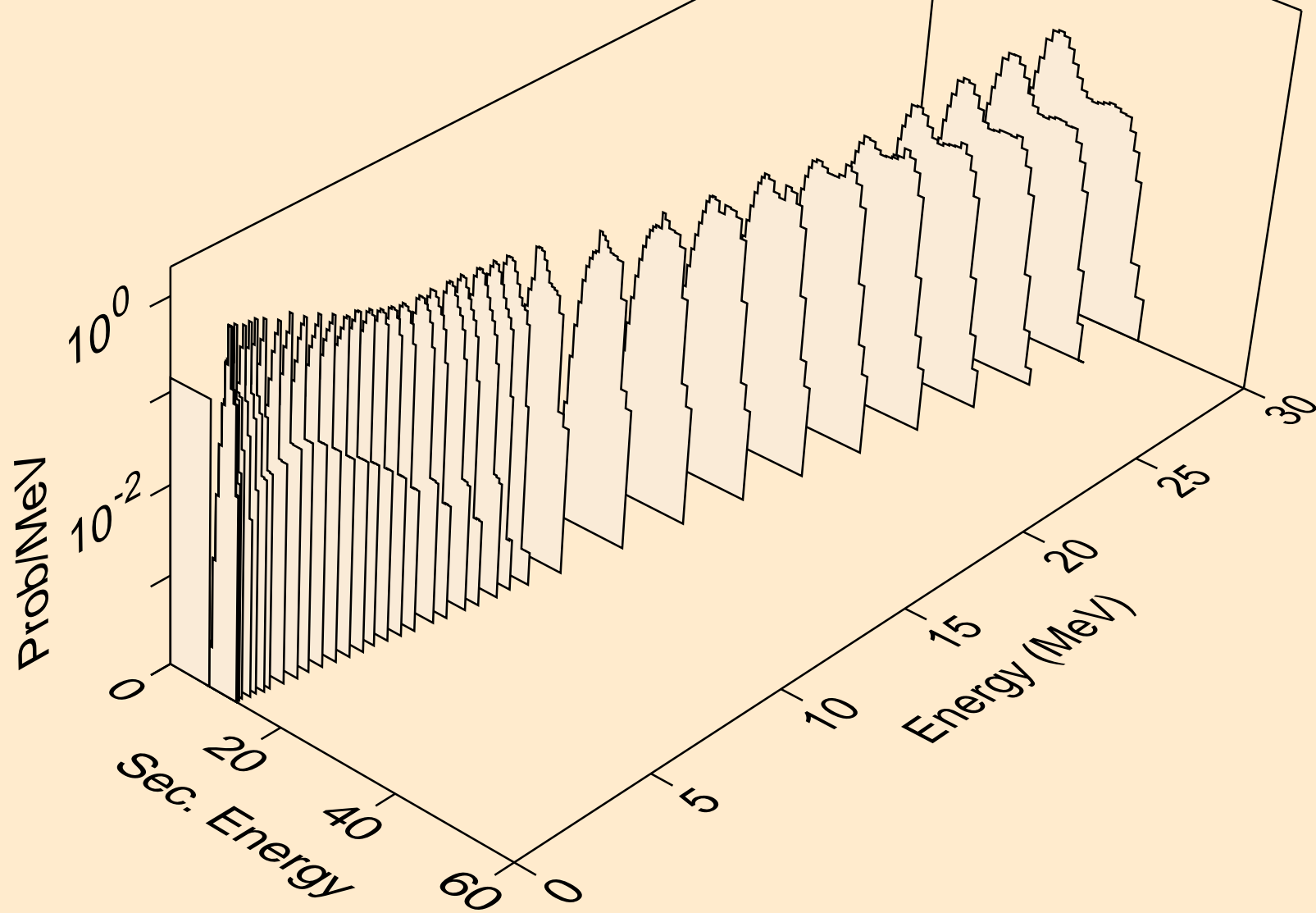
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



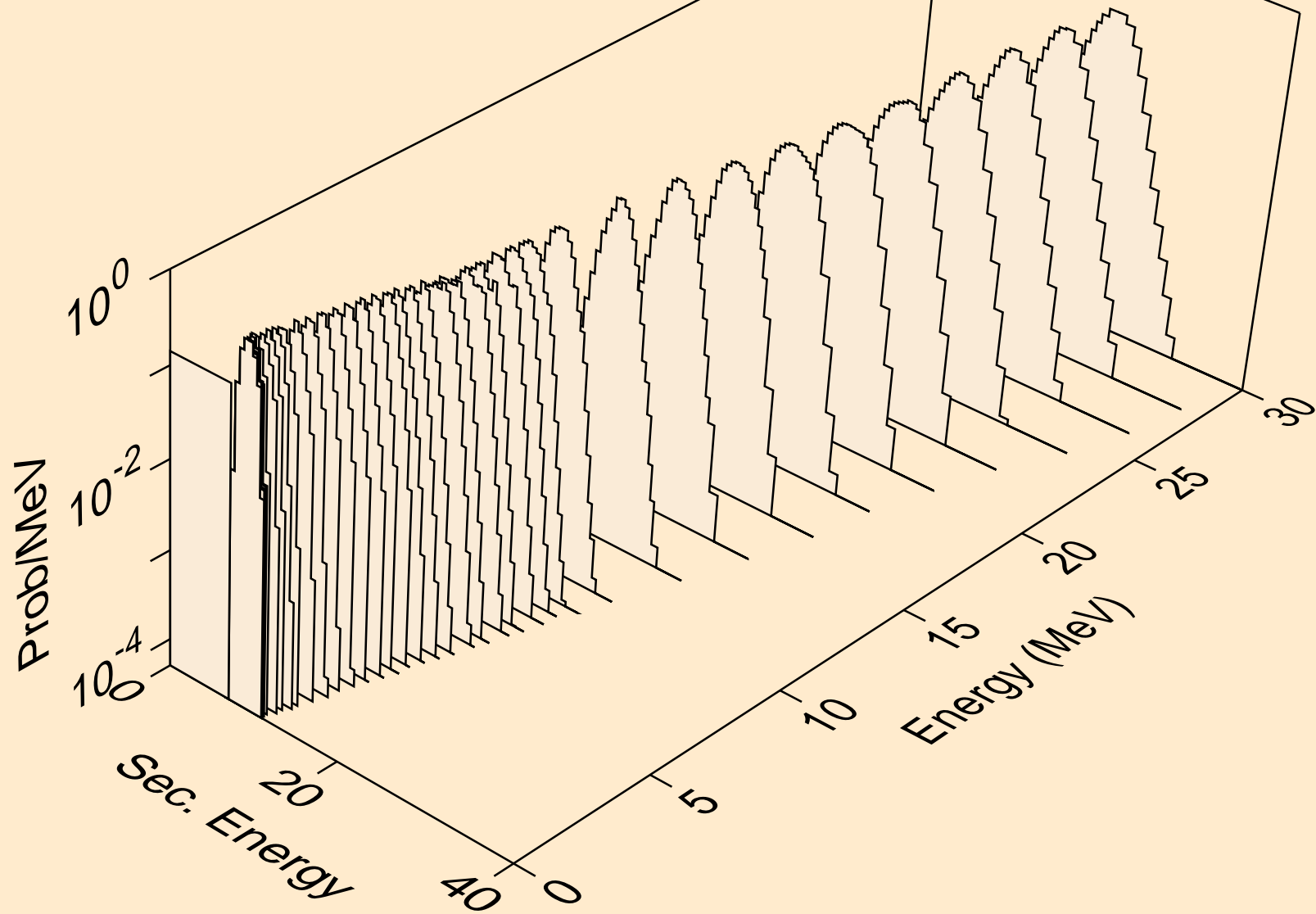
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



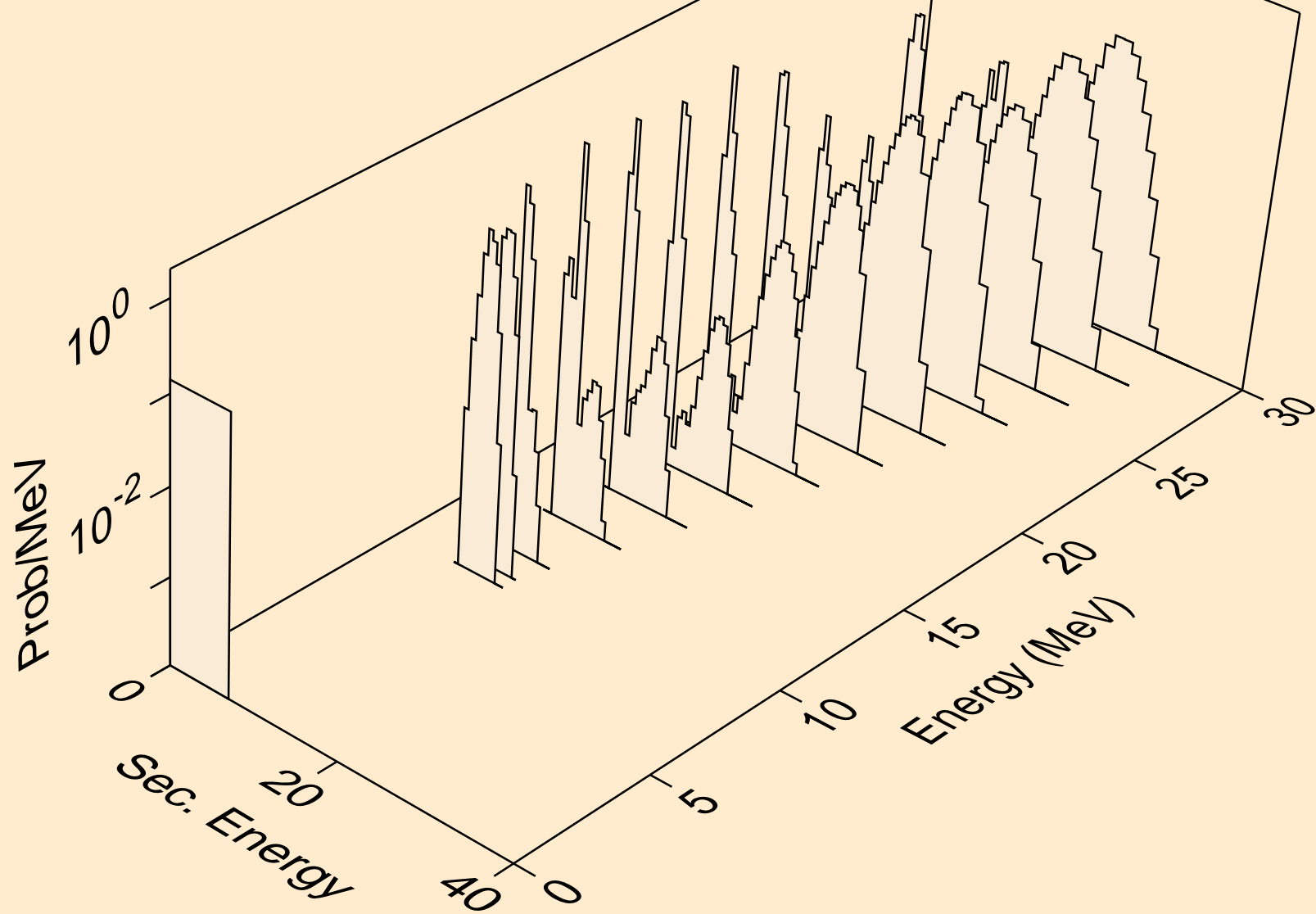
RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



RA223 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

