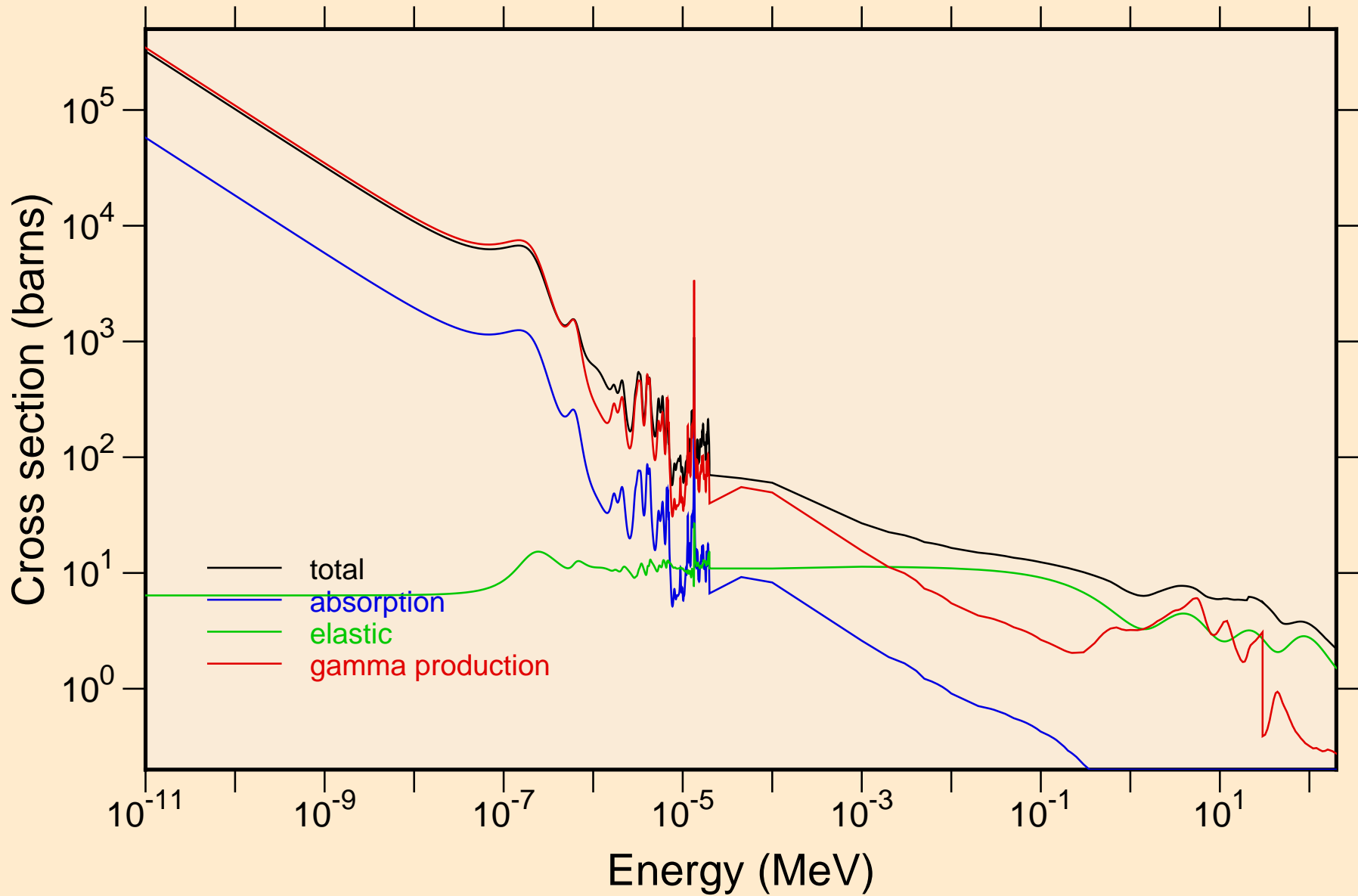
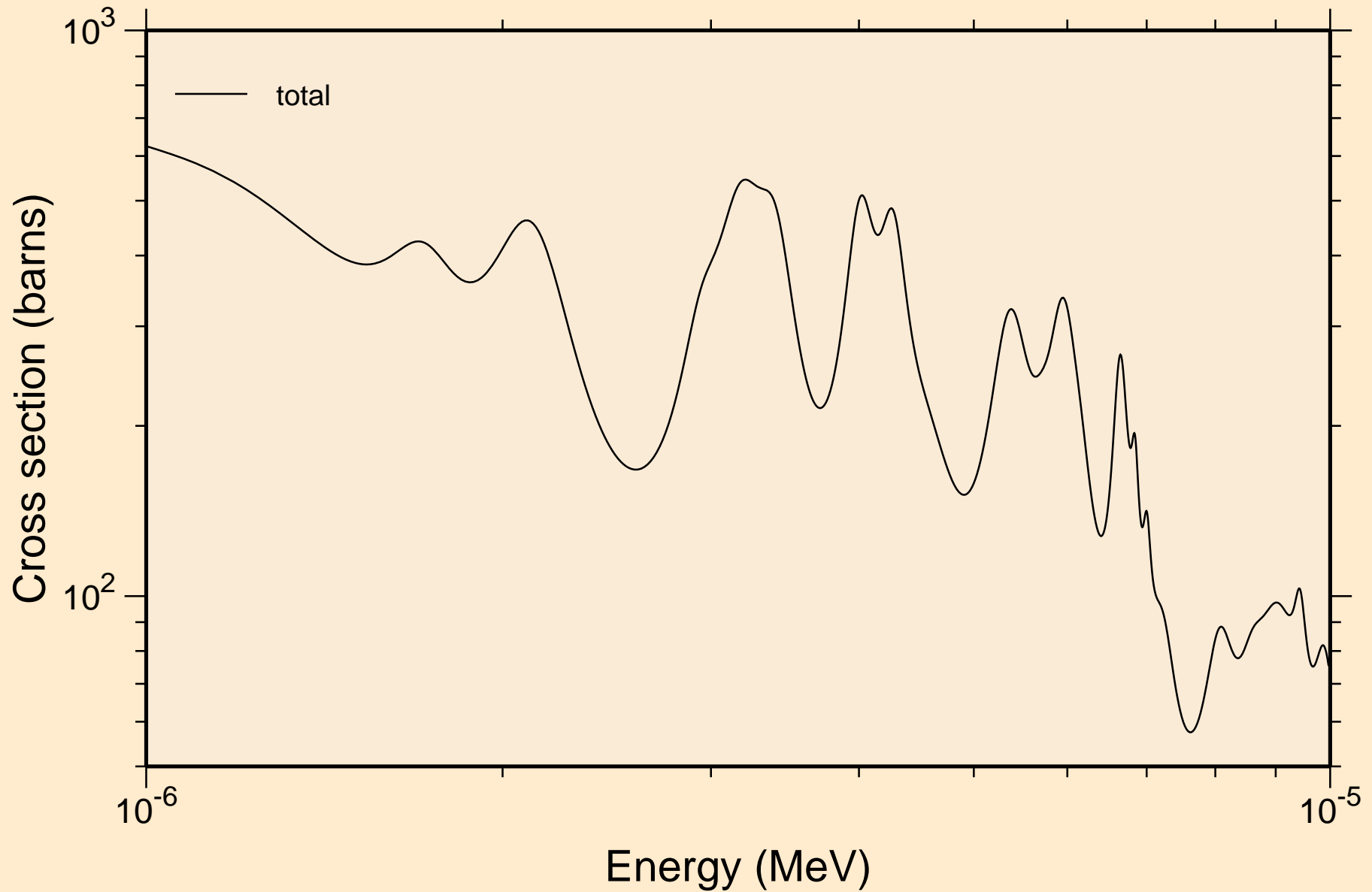


# AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

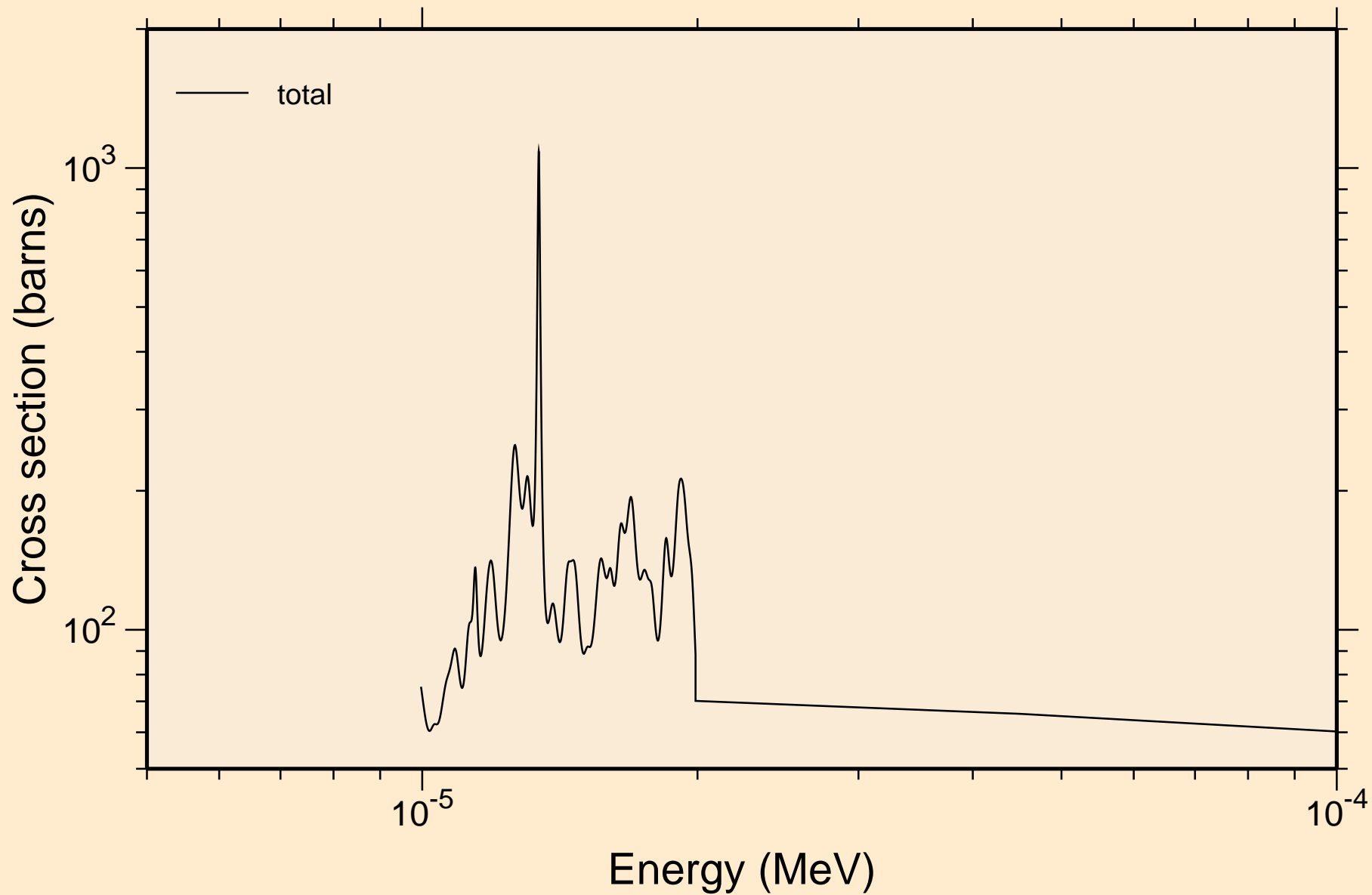
## Principal cross sections



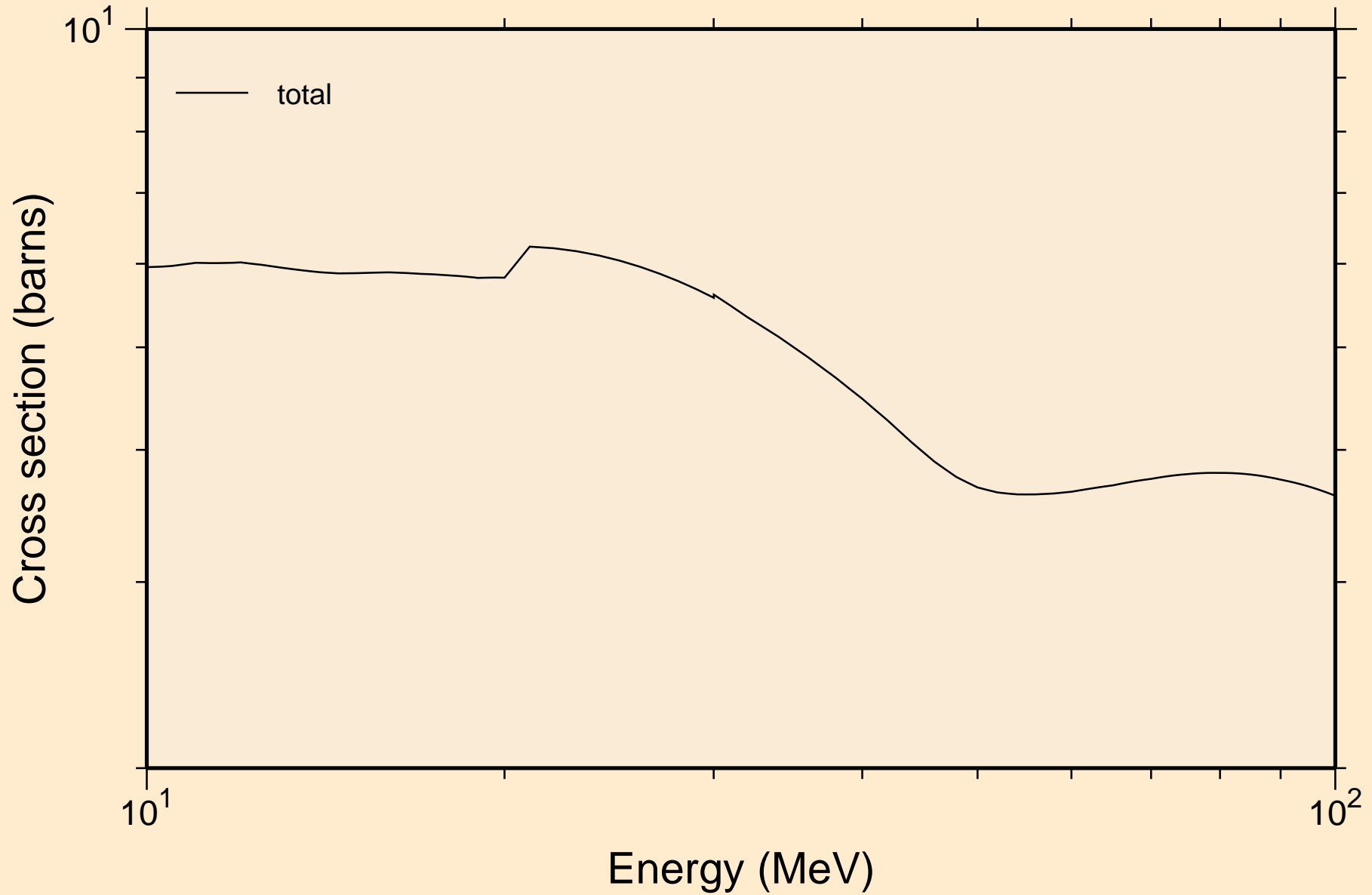
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



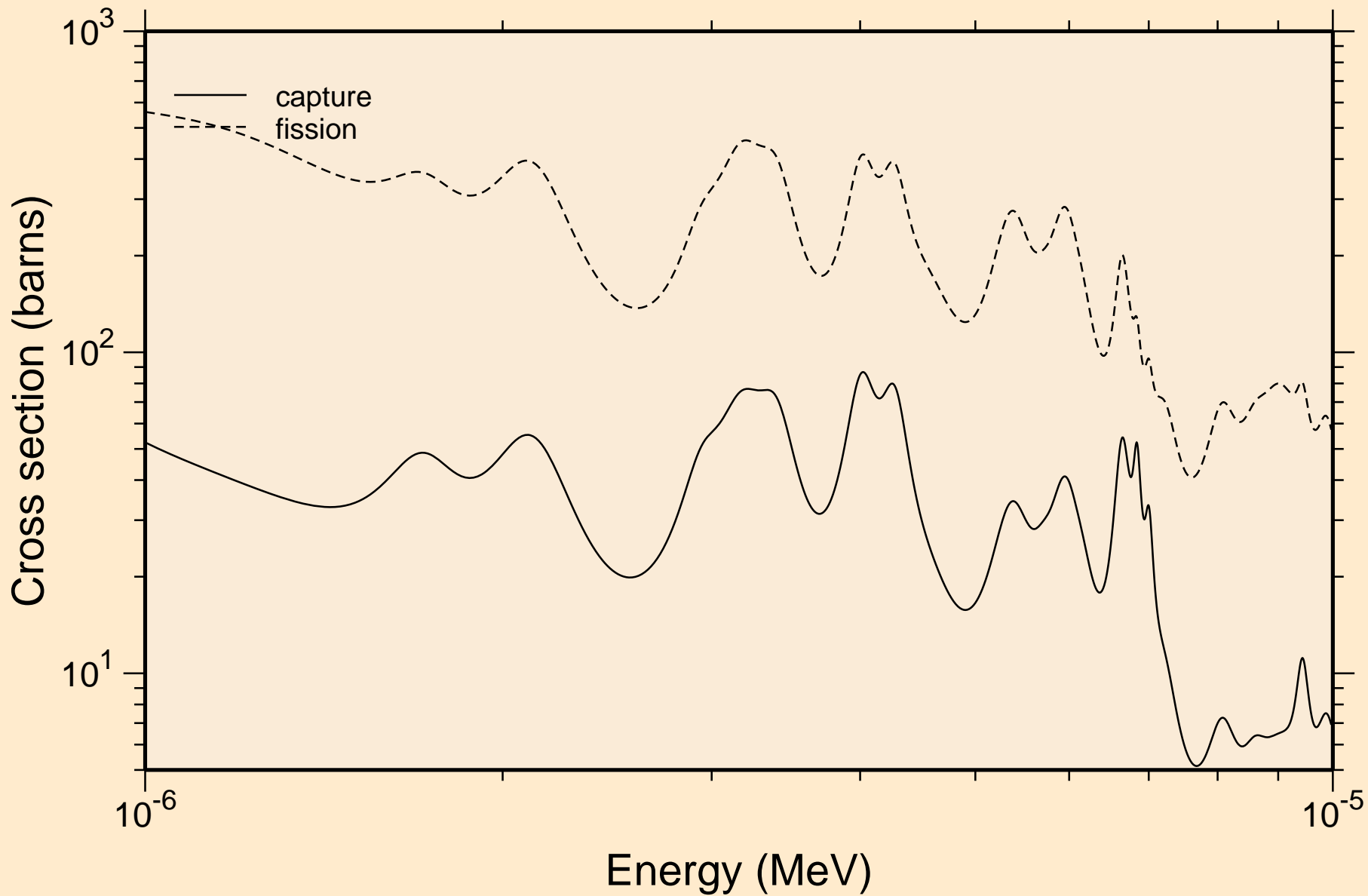
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



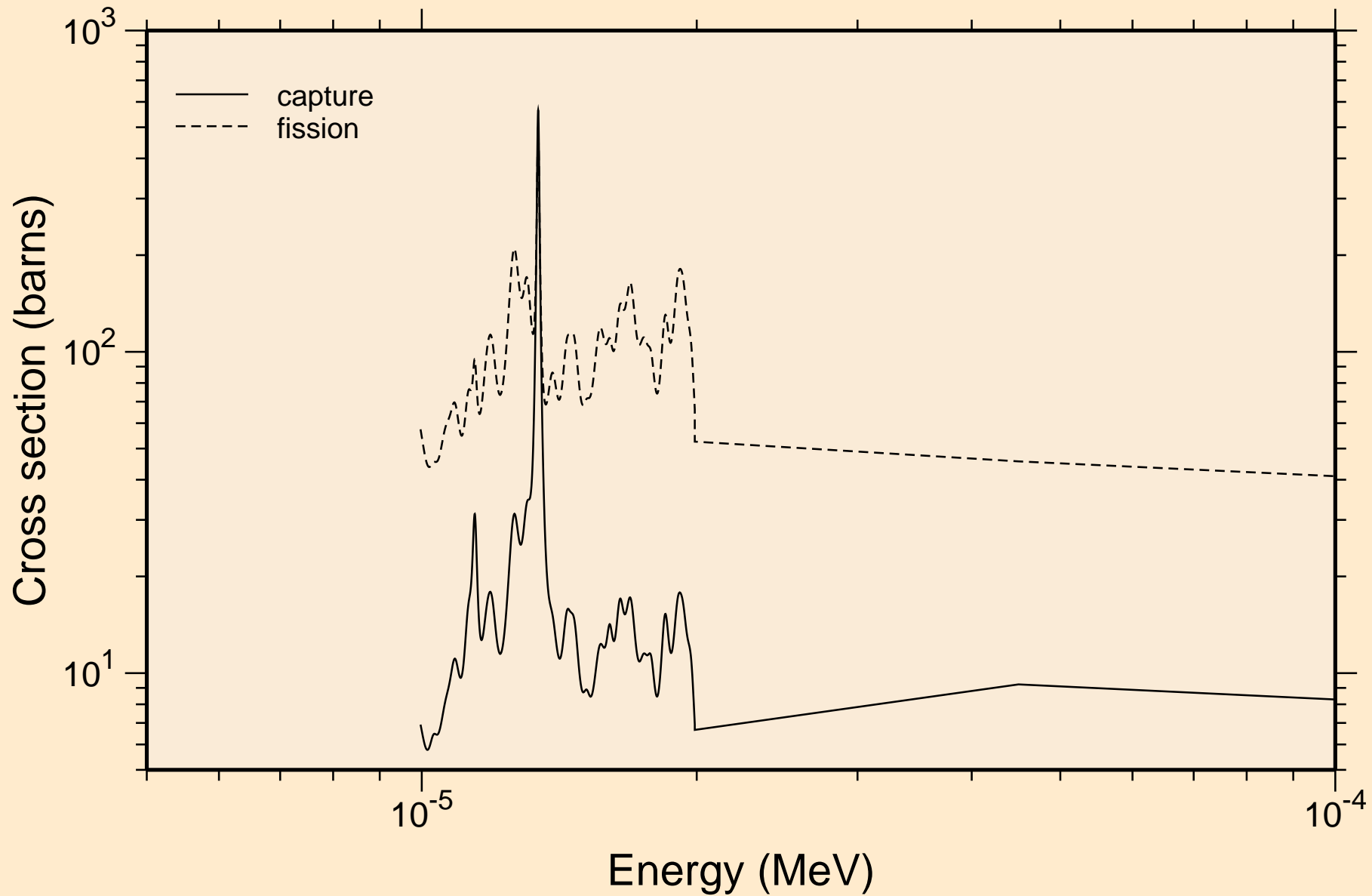
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resonance total cross section



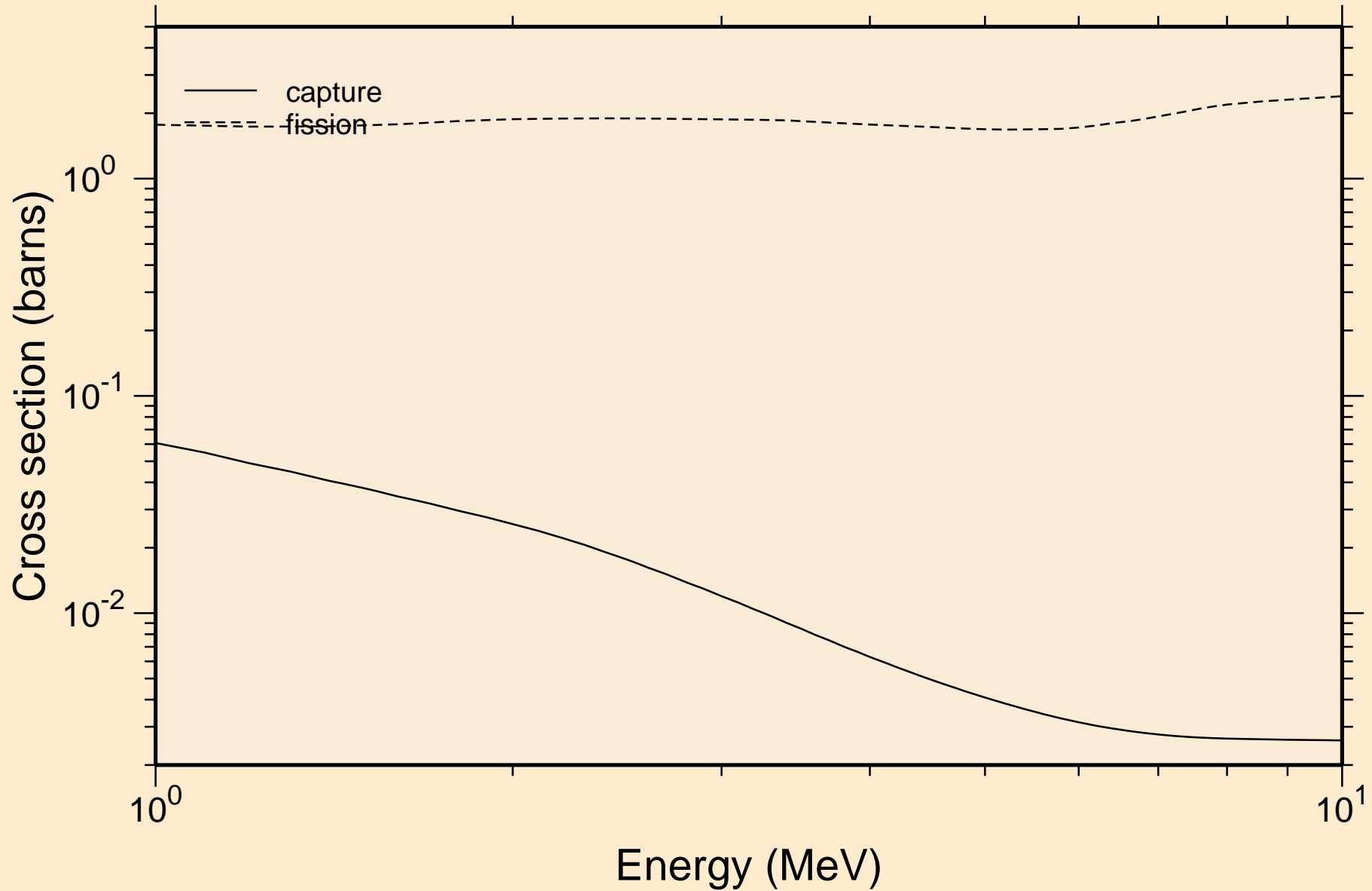
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

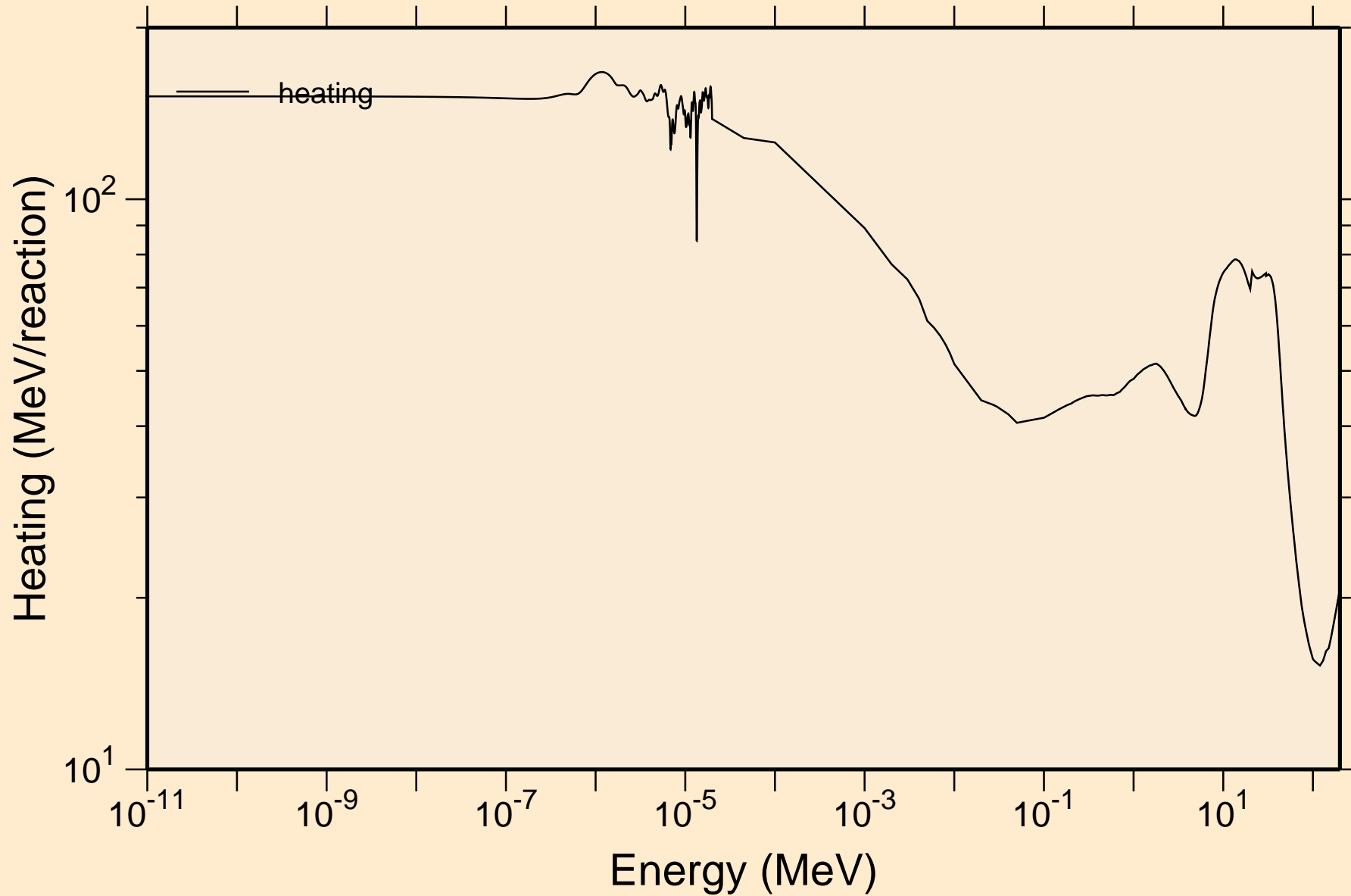


AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



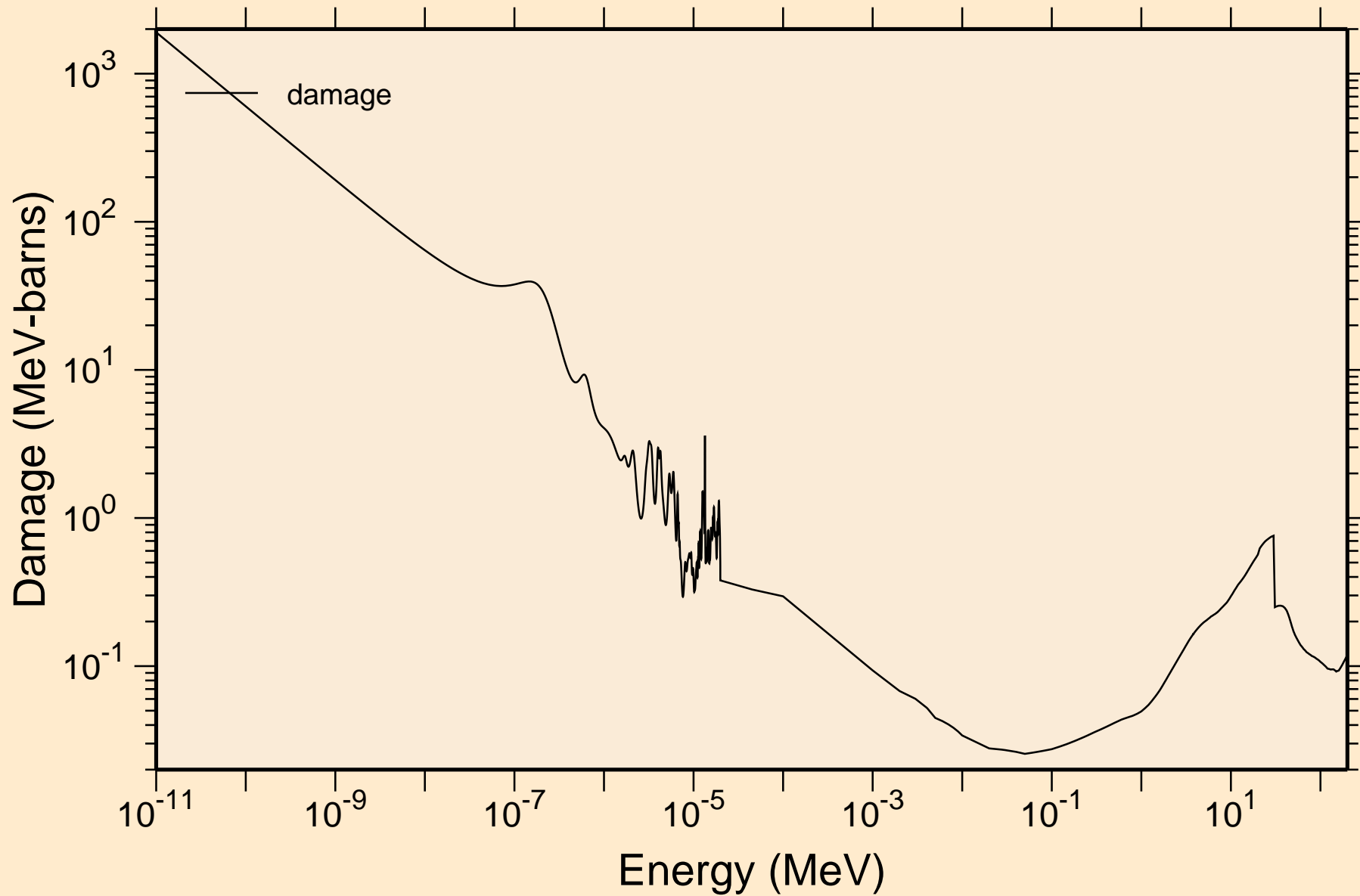
# AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

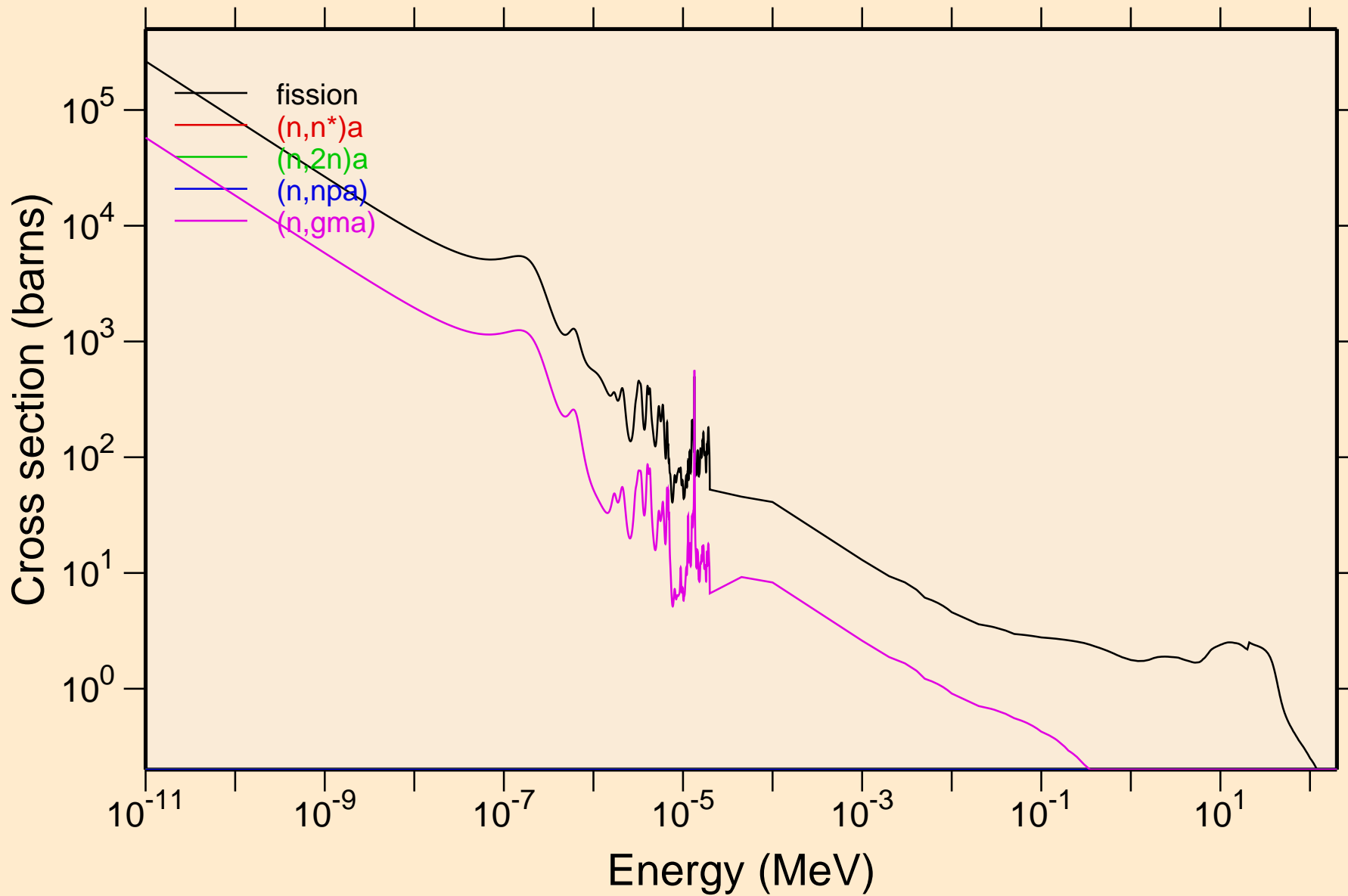




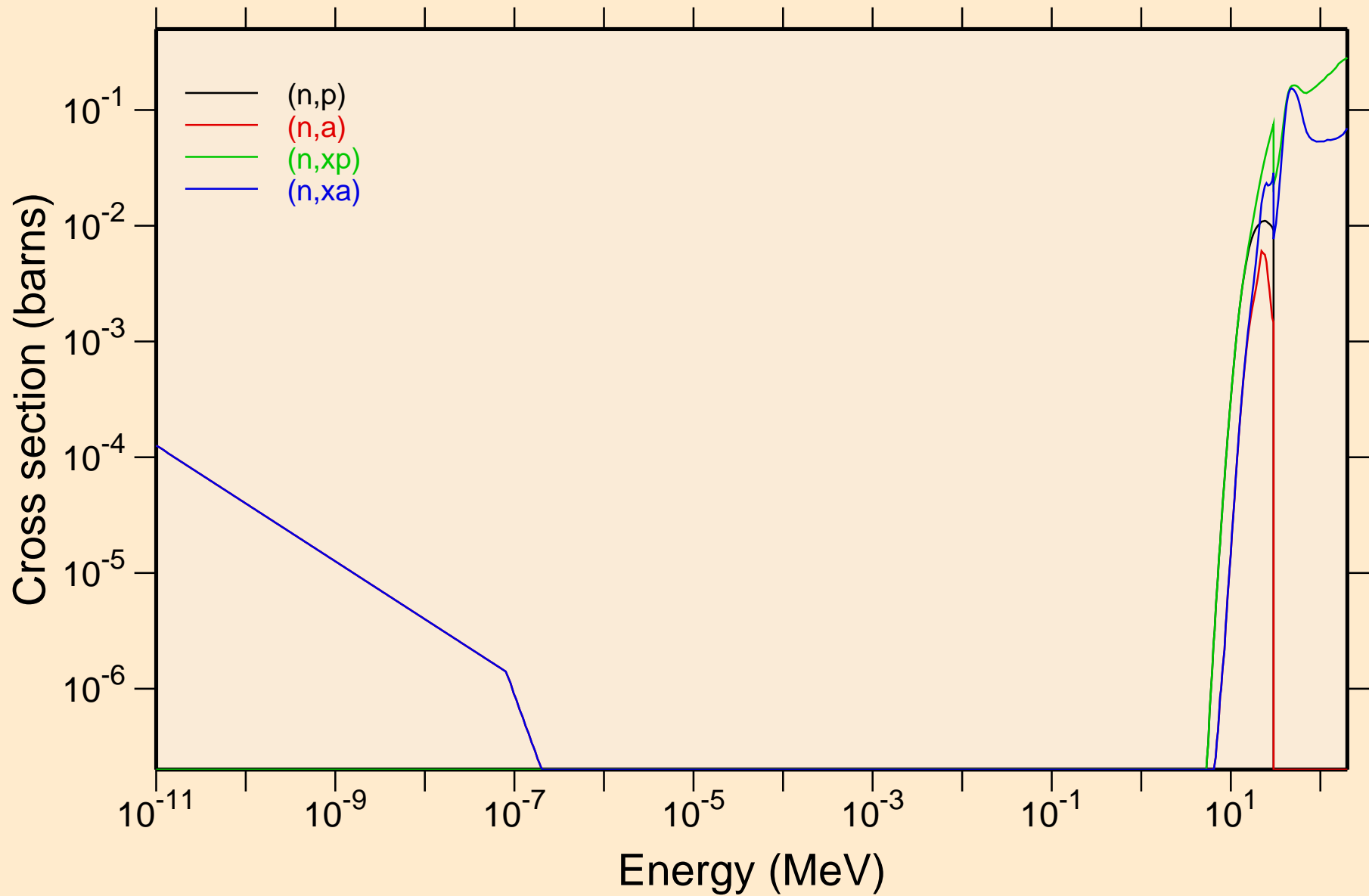
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

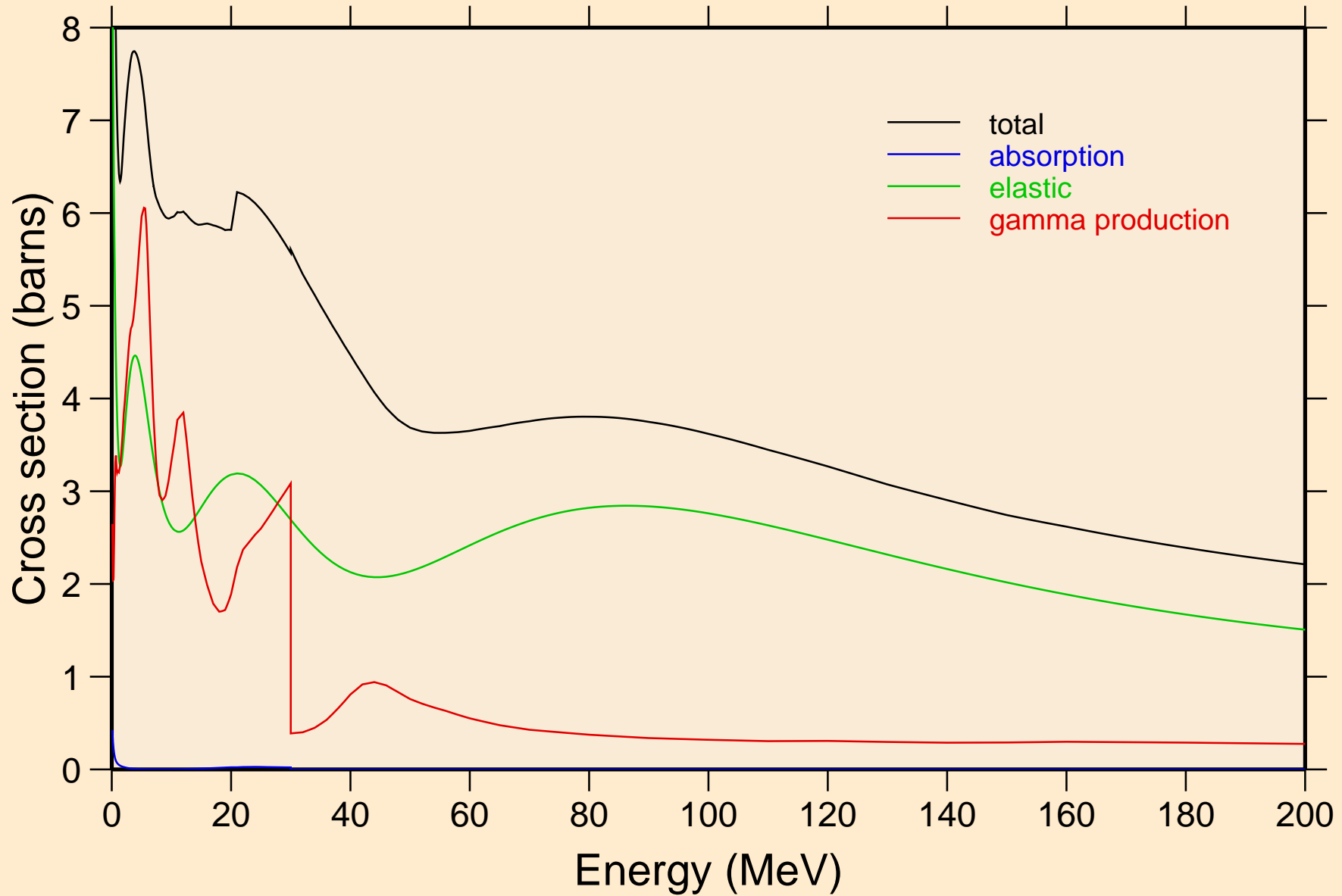


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Non-threshold reactions



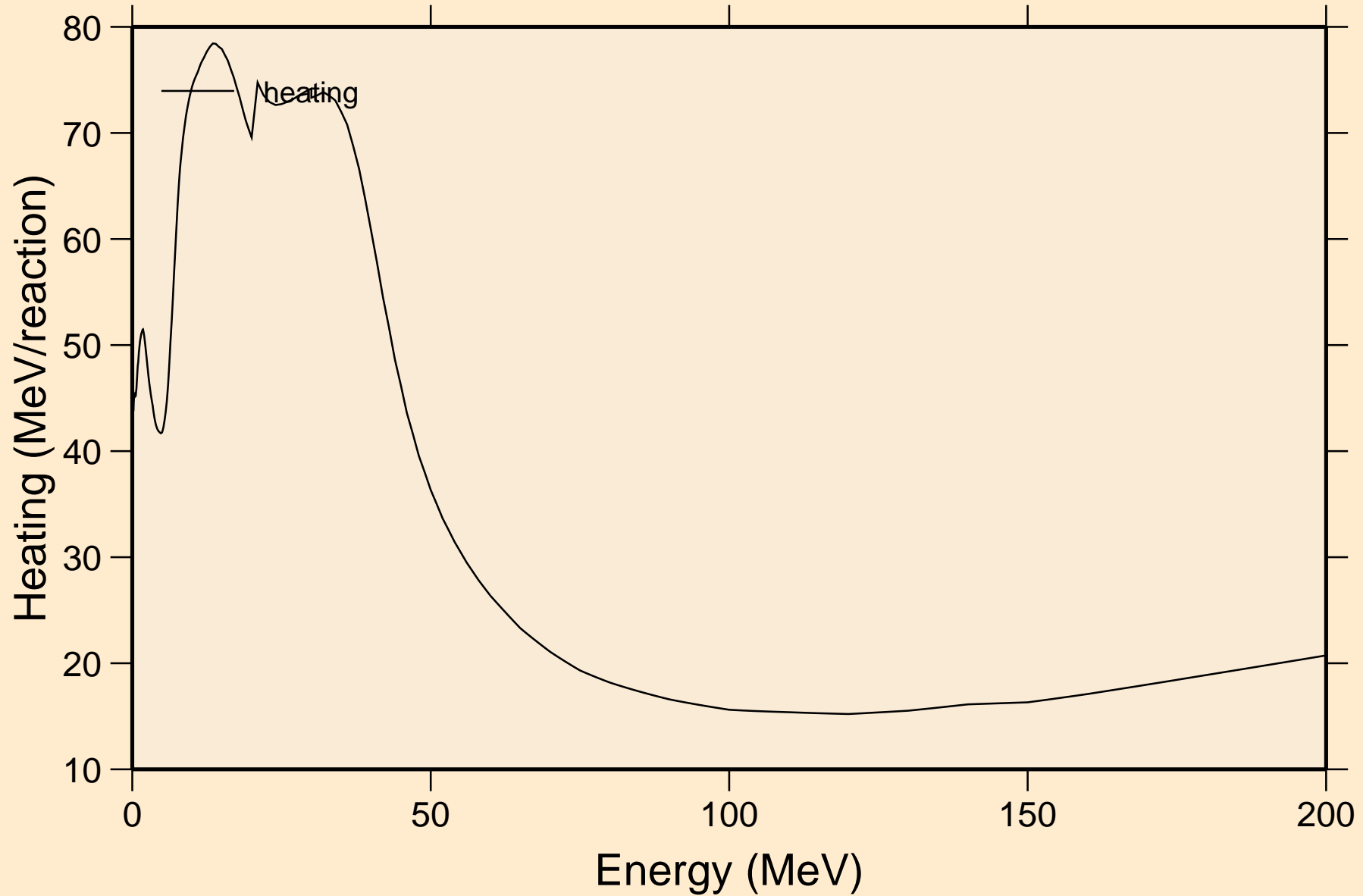
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## Principal cross sections



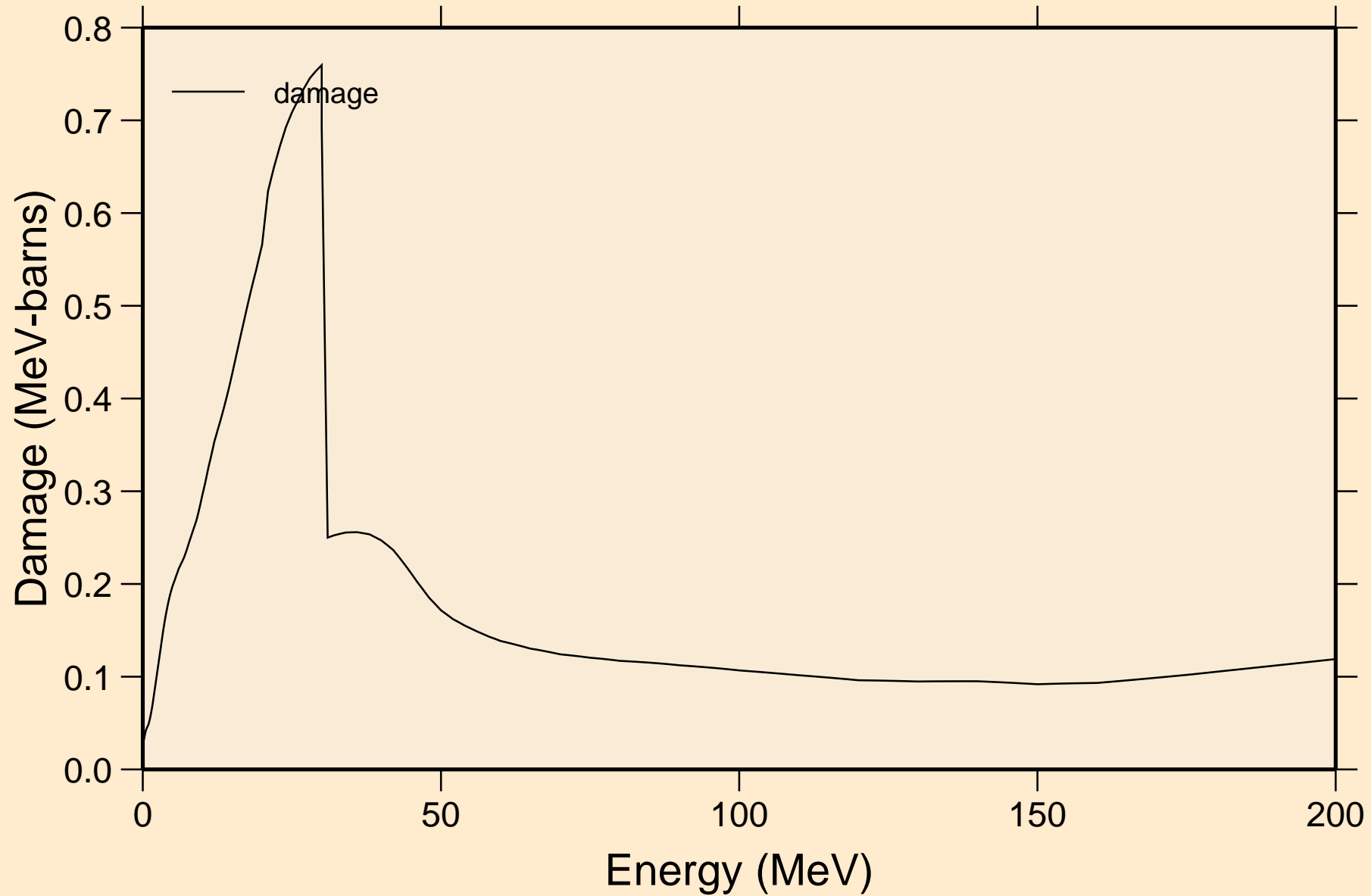
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Heating



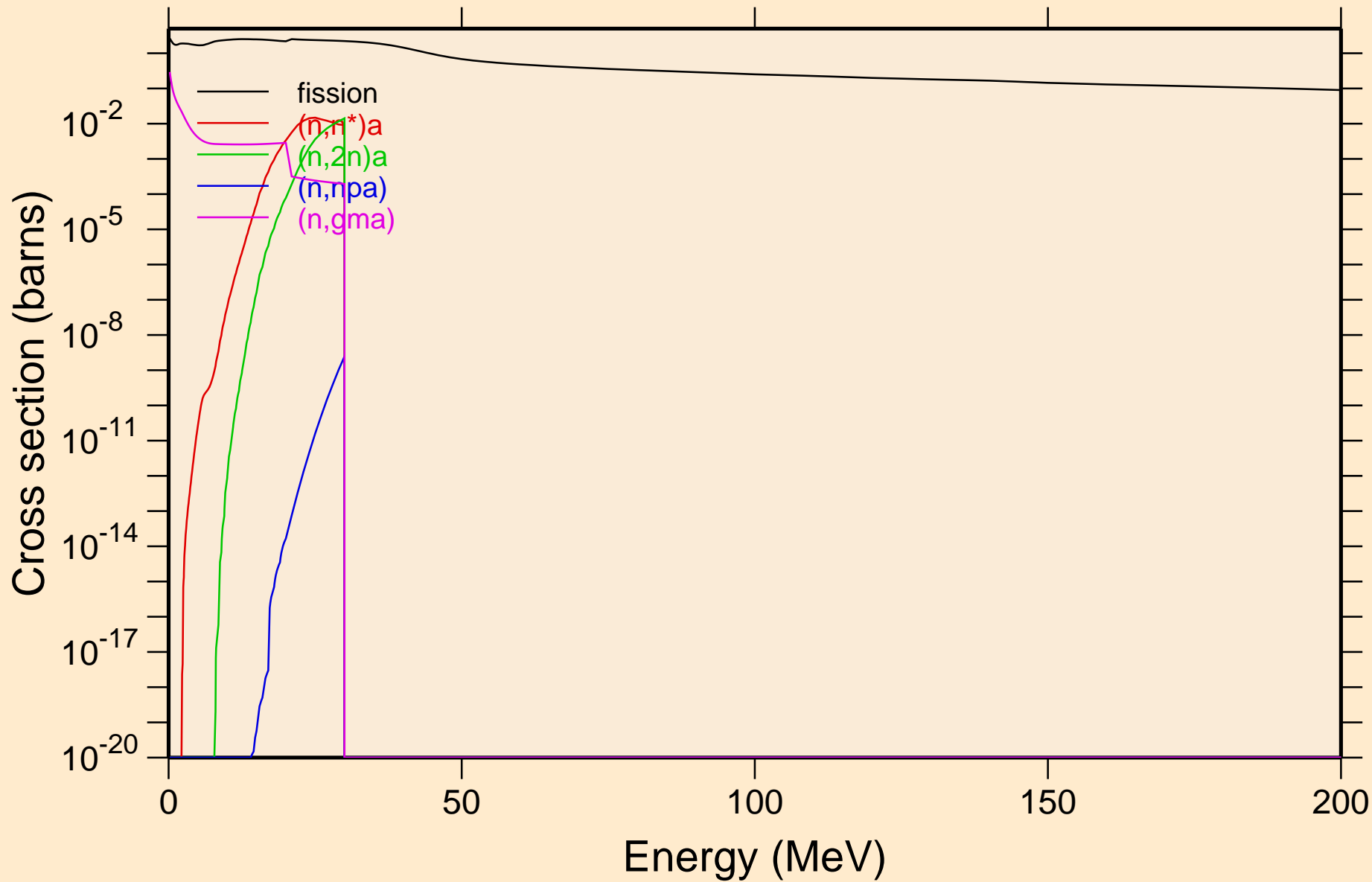
# AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

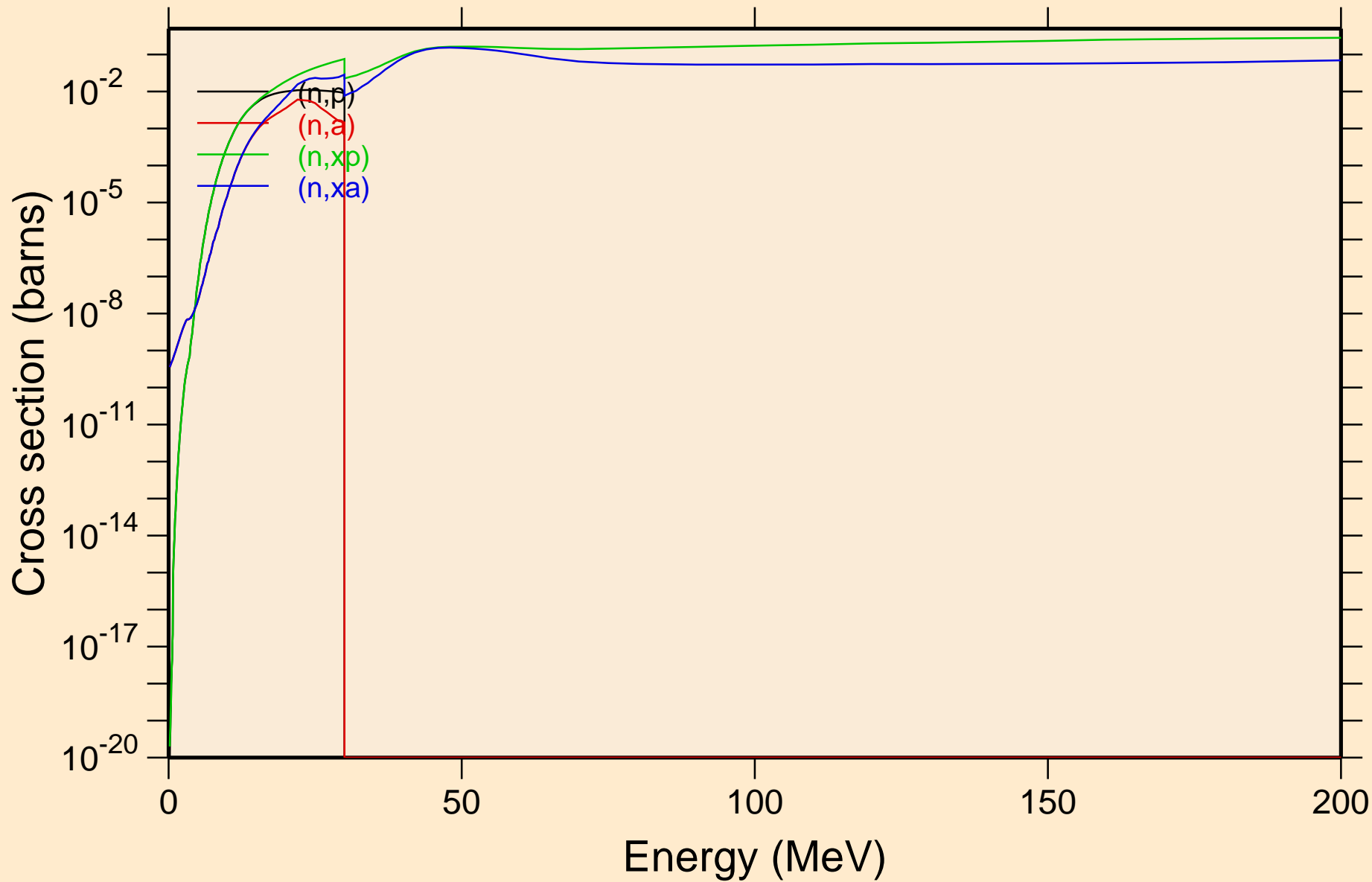


# AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



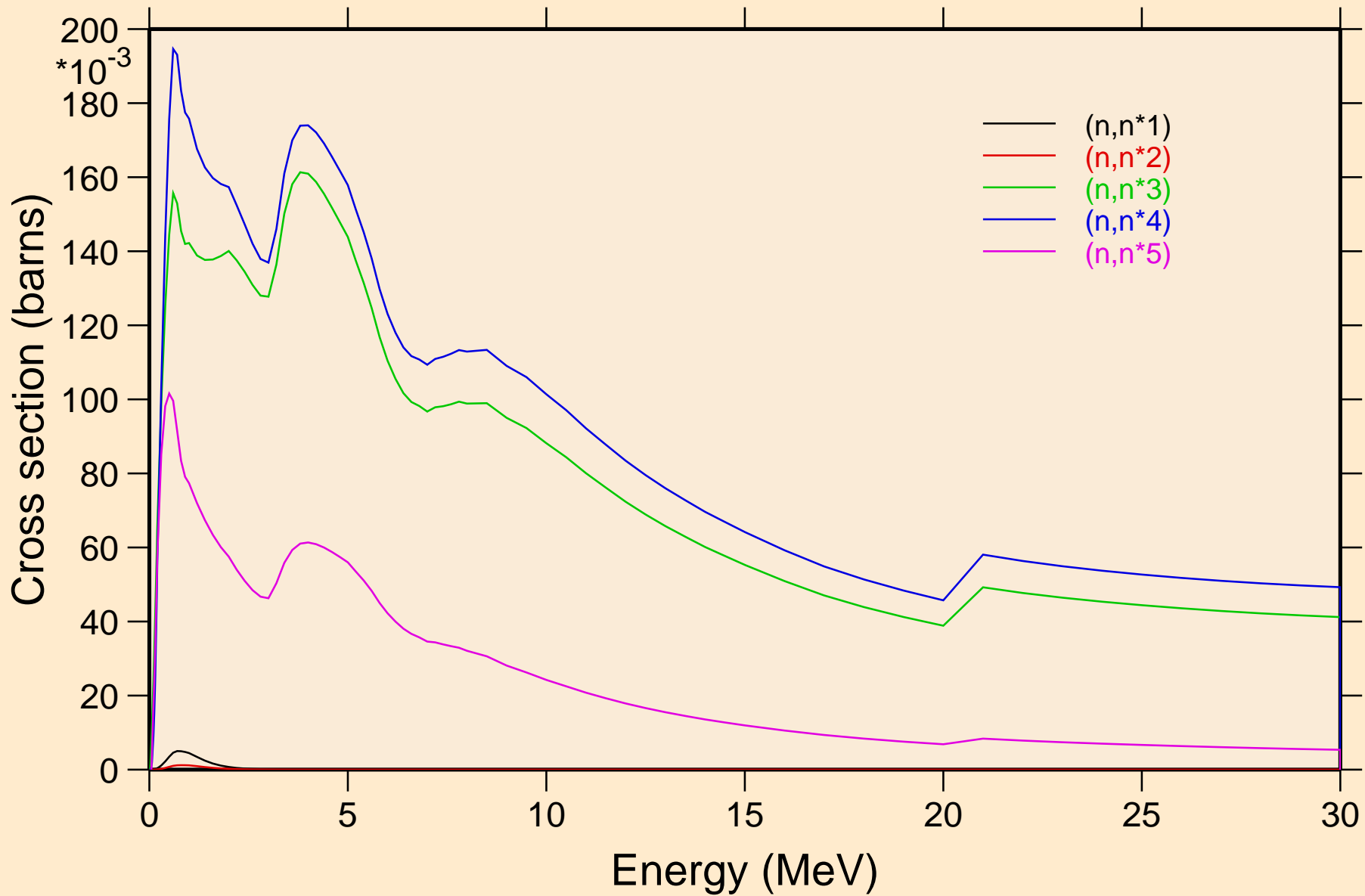
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



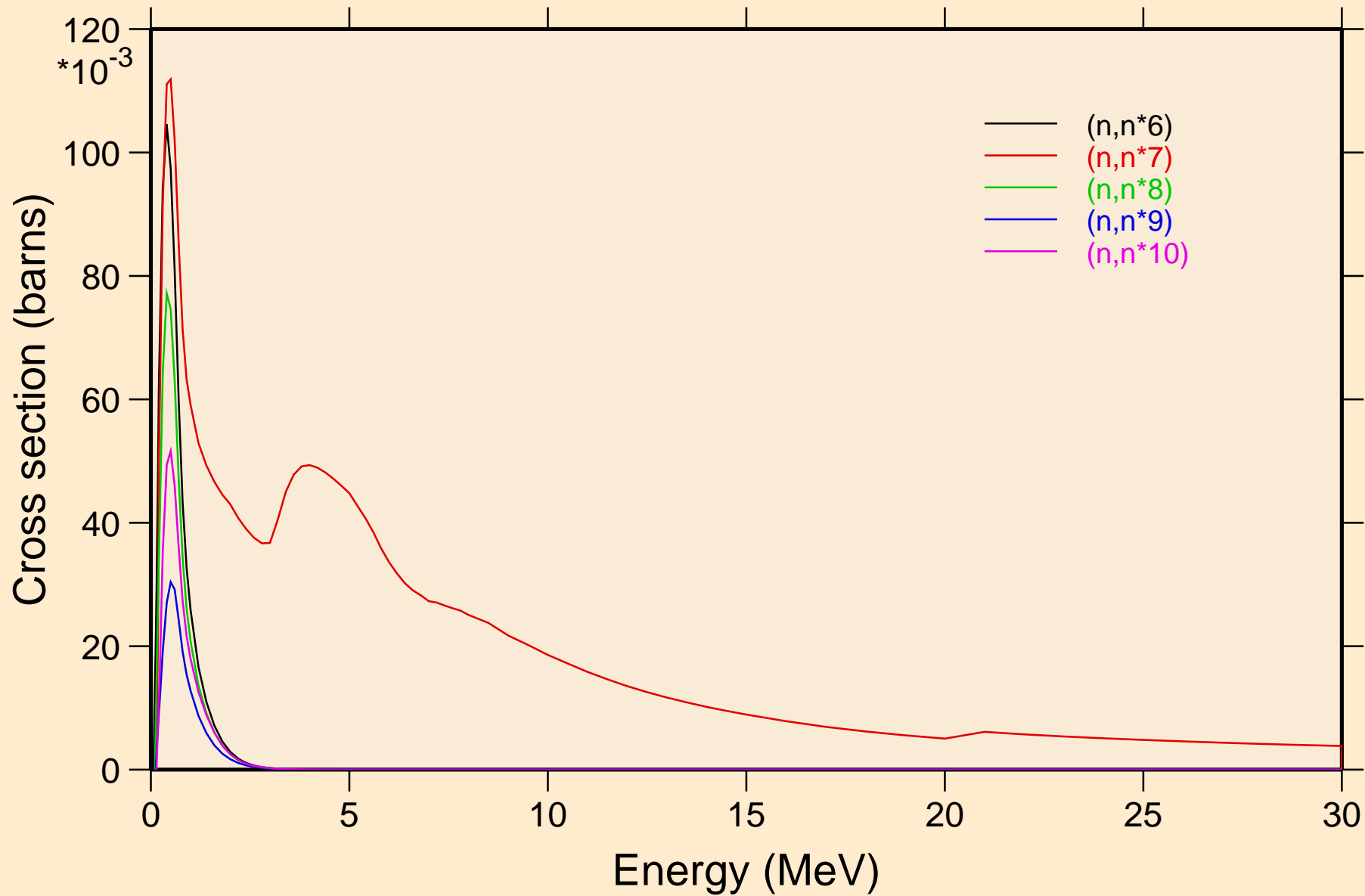


# AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

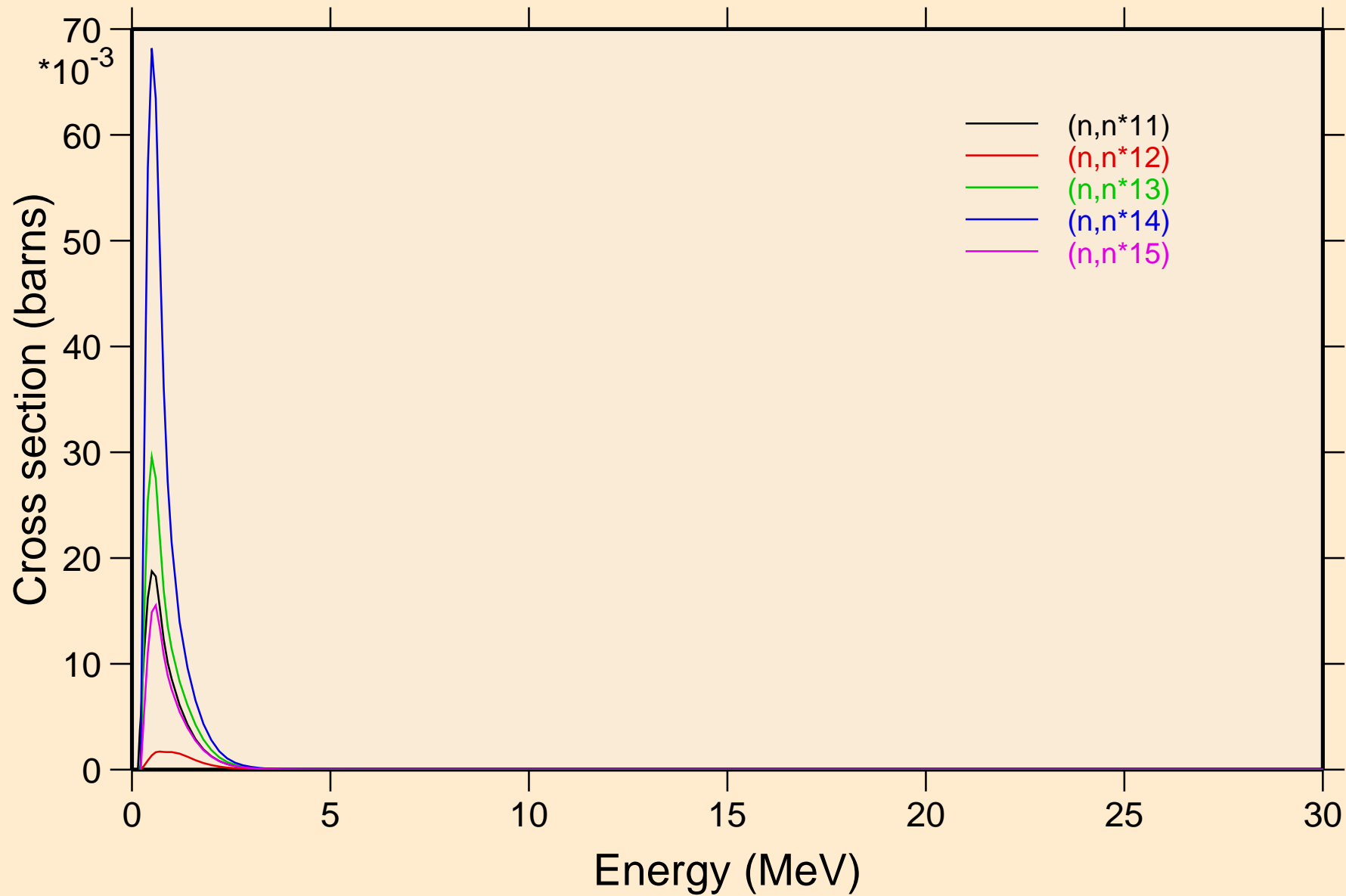
## Inelastic levels



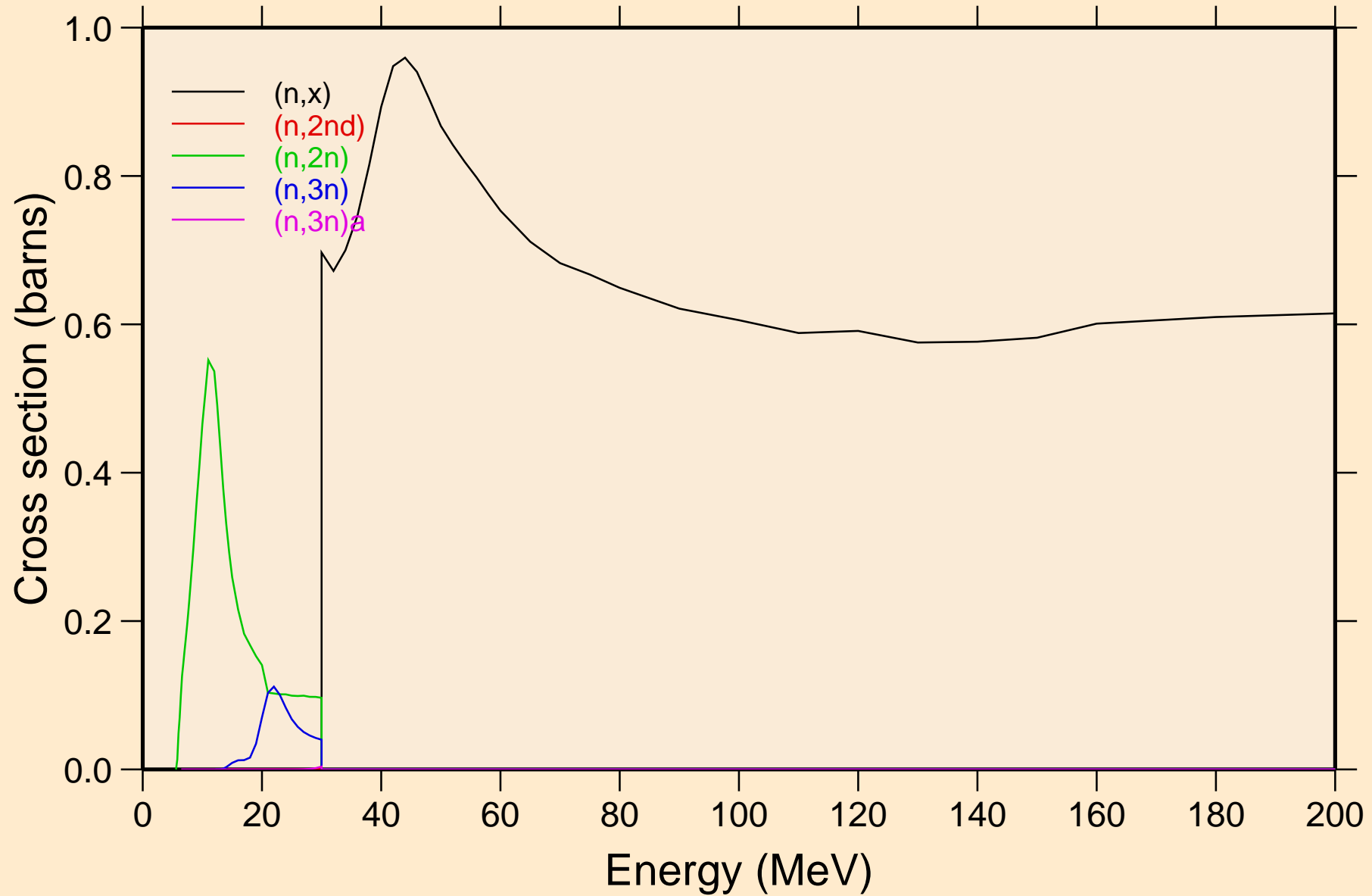
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

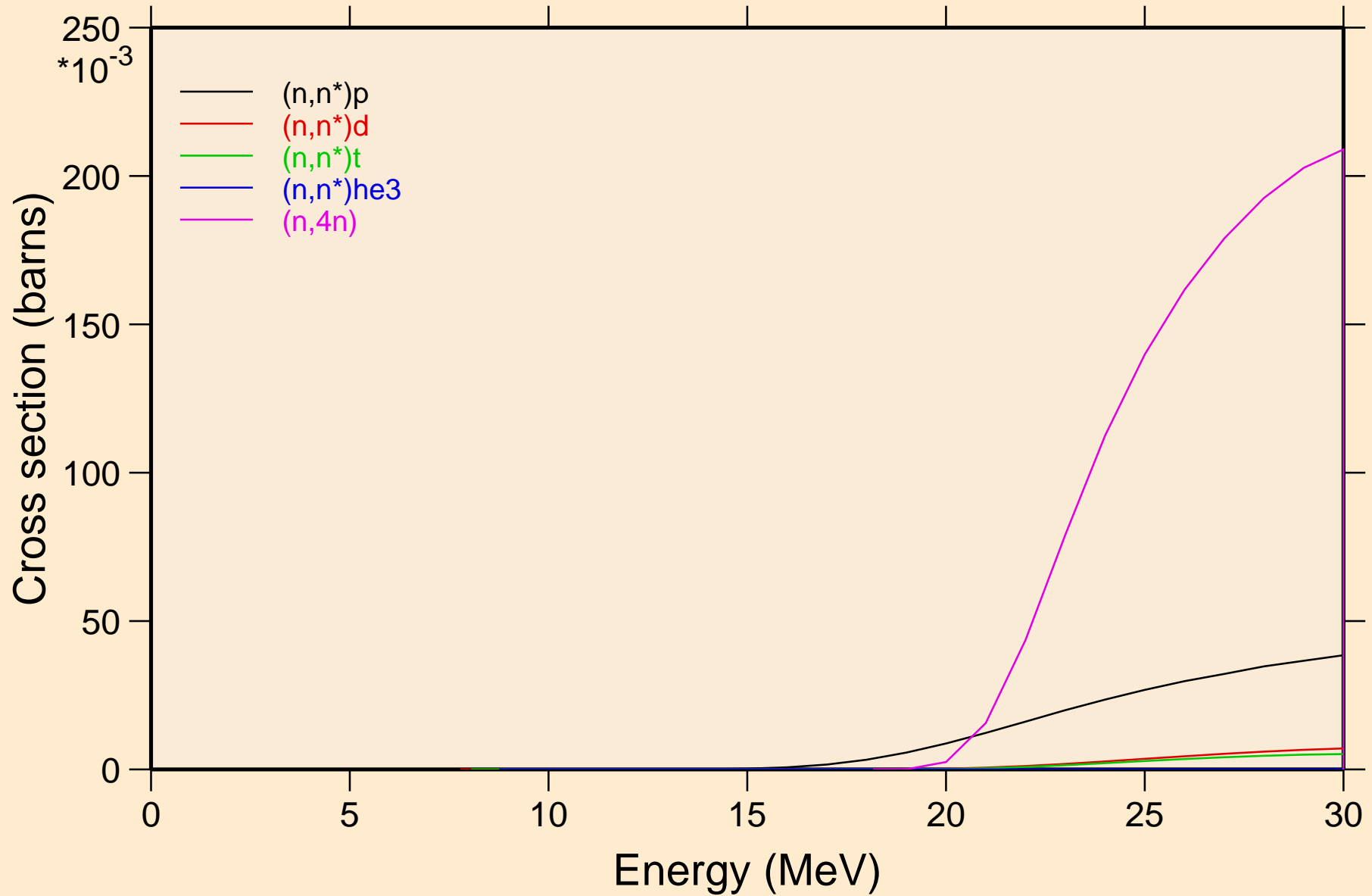


AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



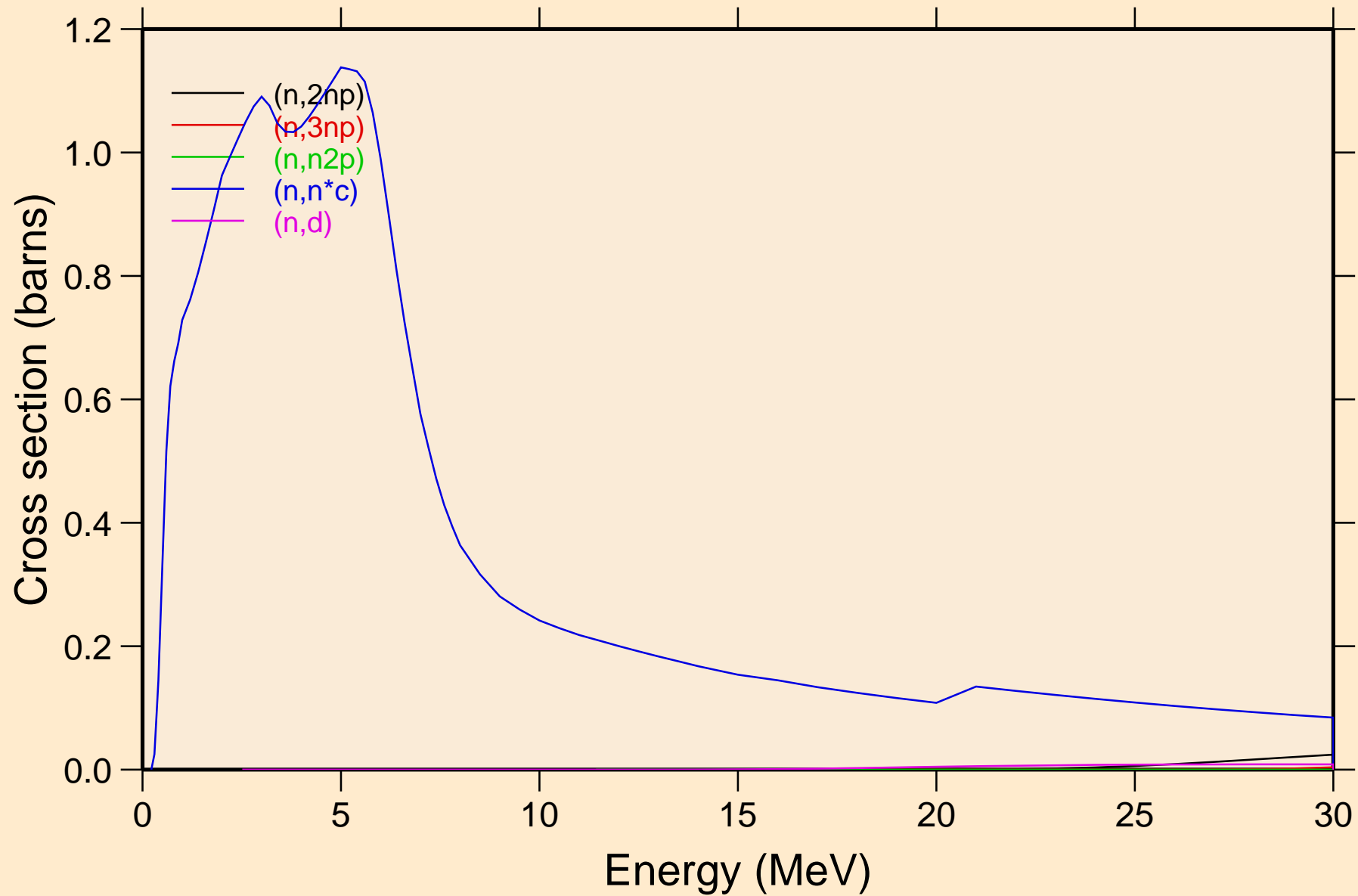
# AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

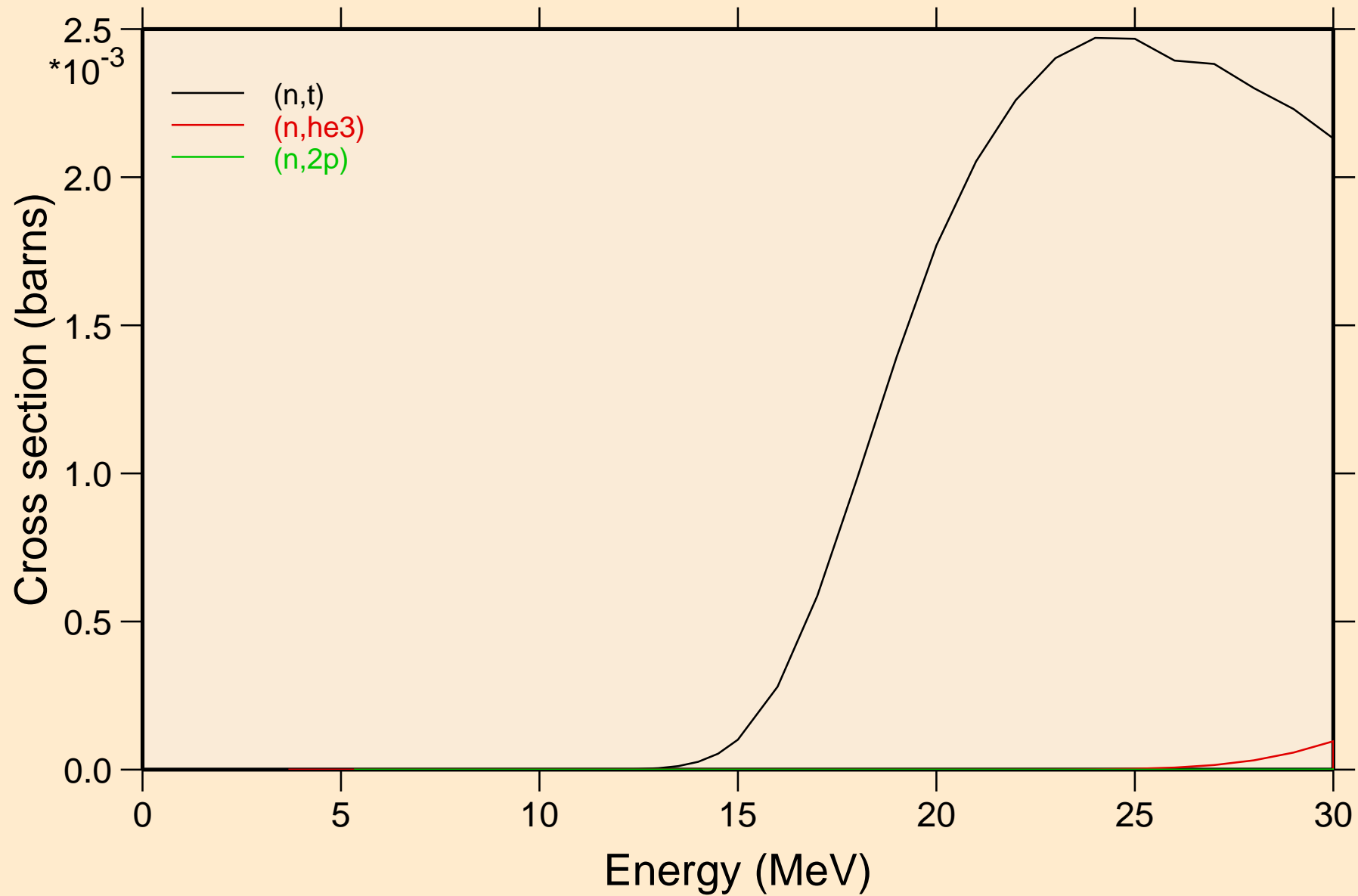


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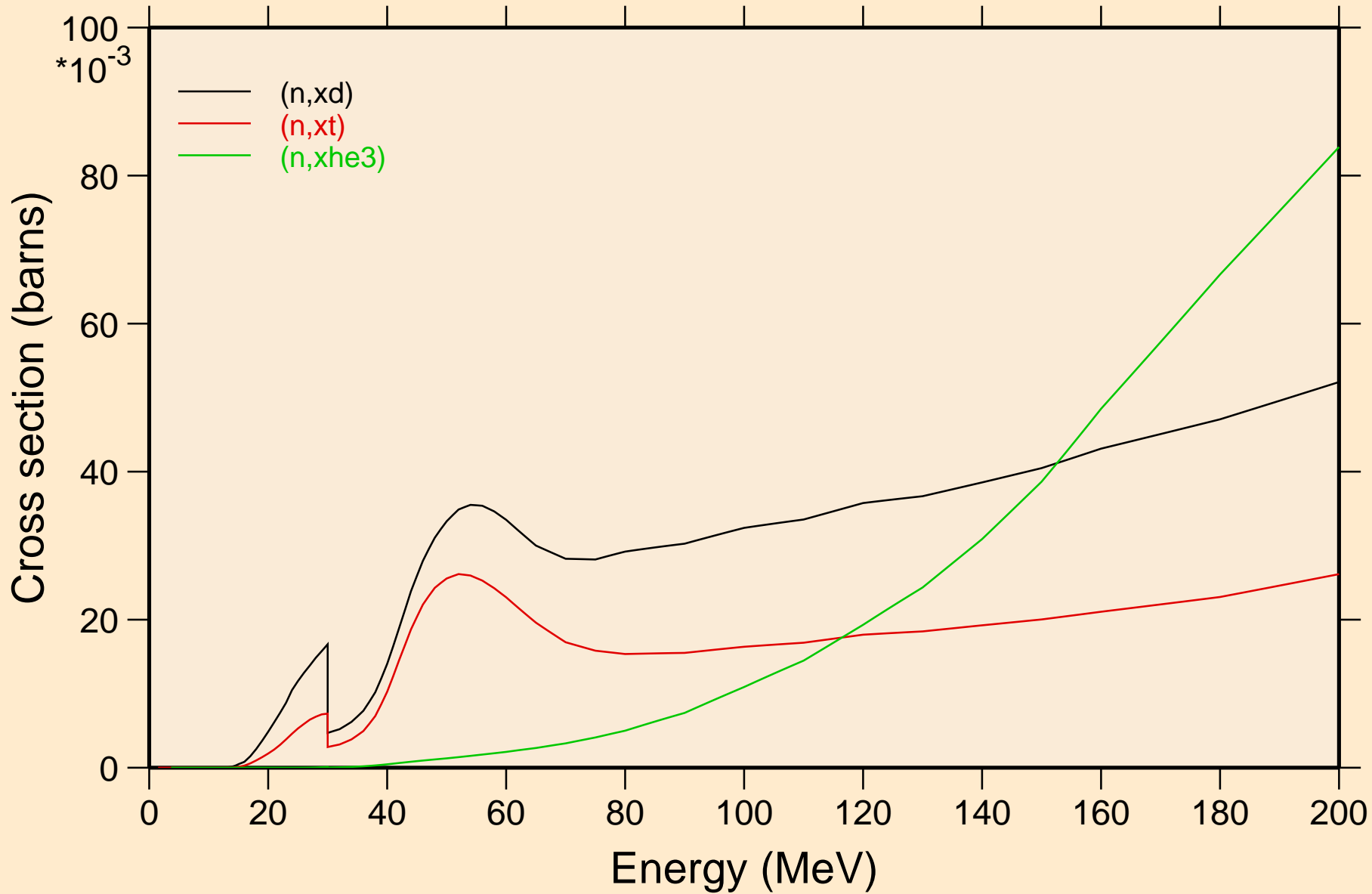
## Threshold reactions



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

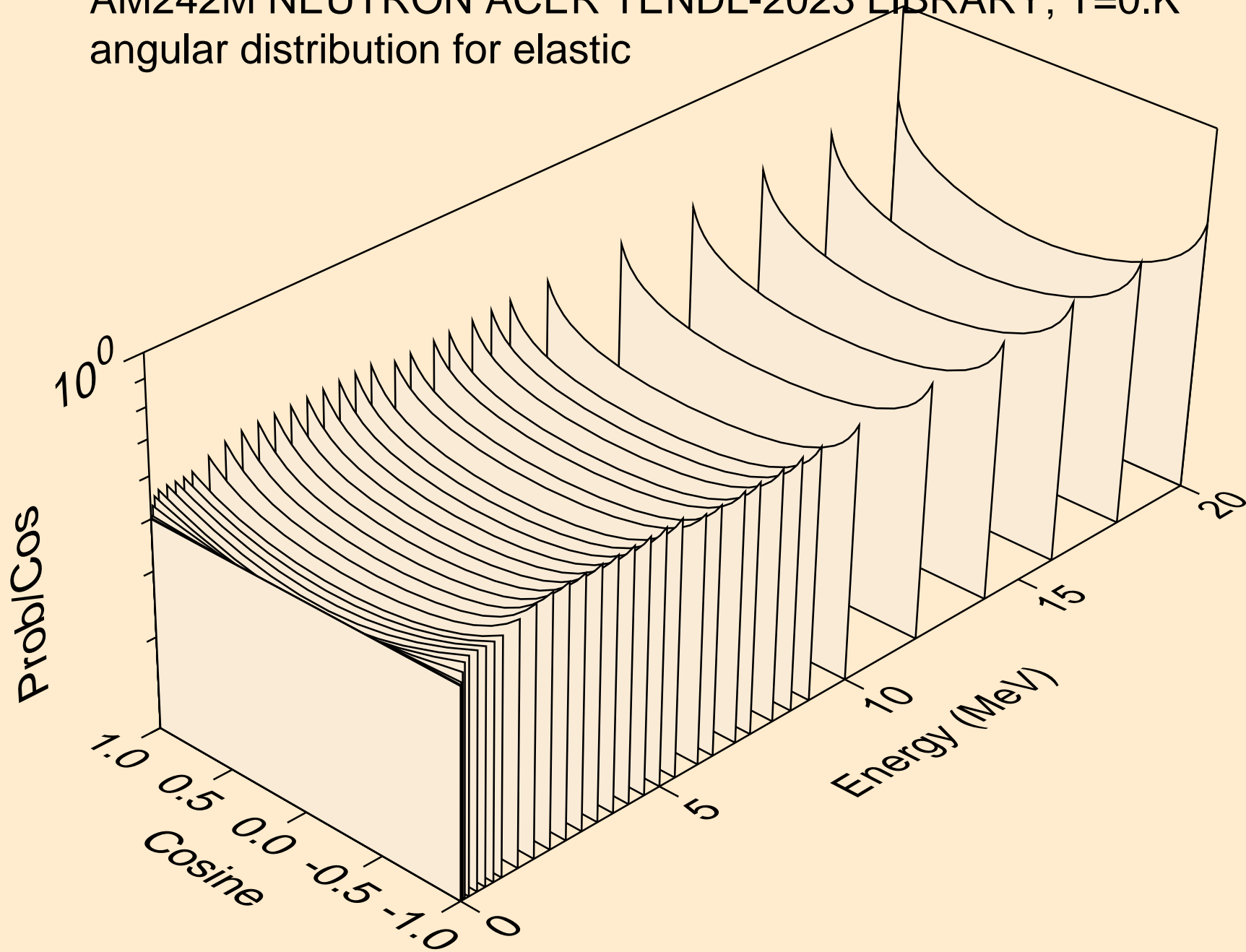


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Threshold reactions

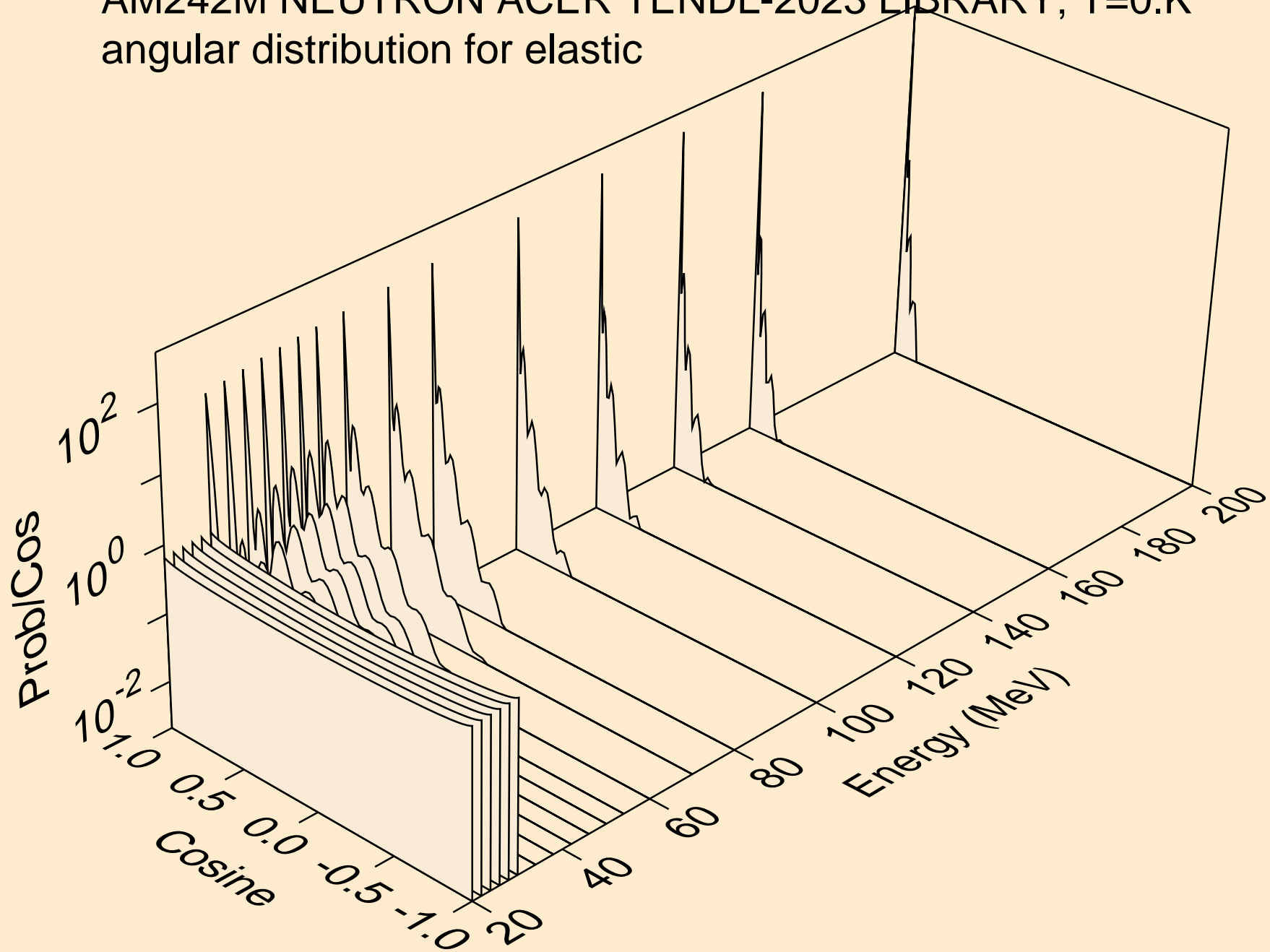




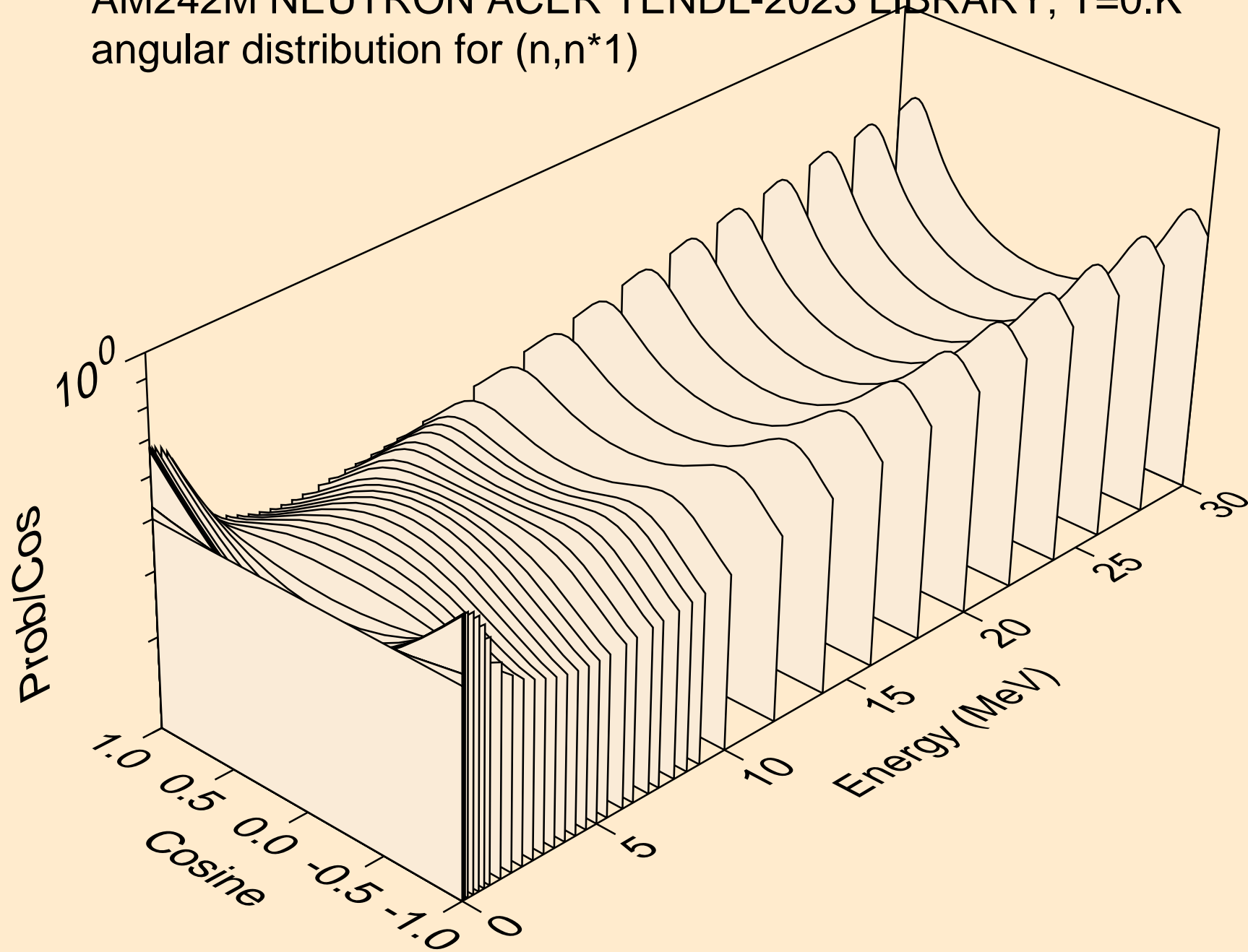
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



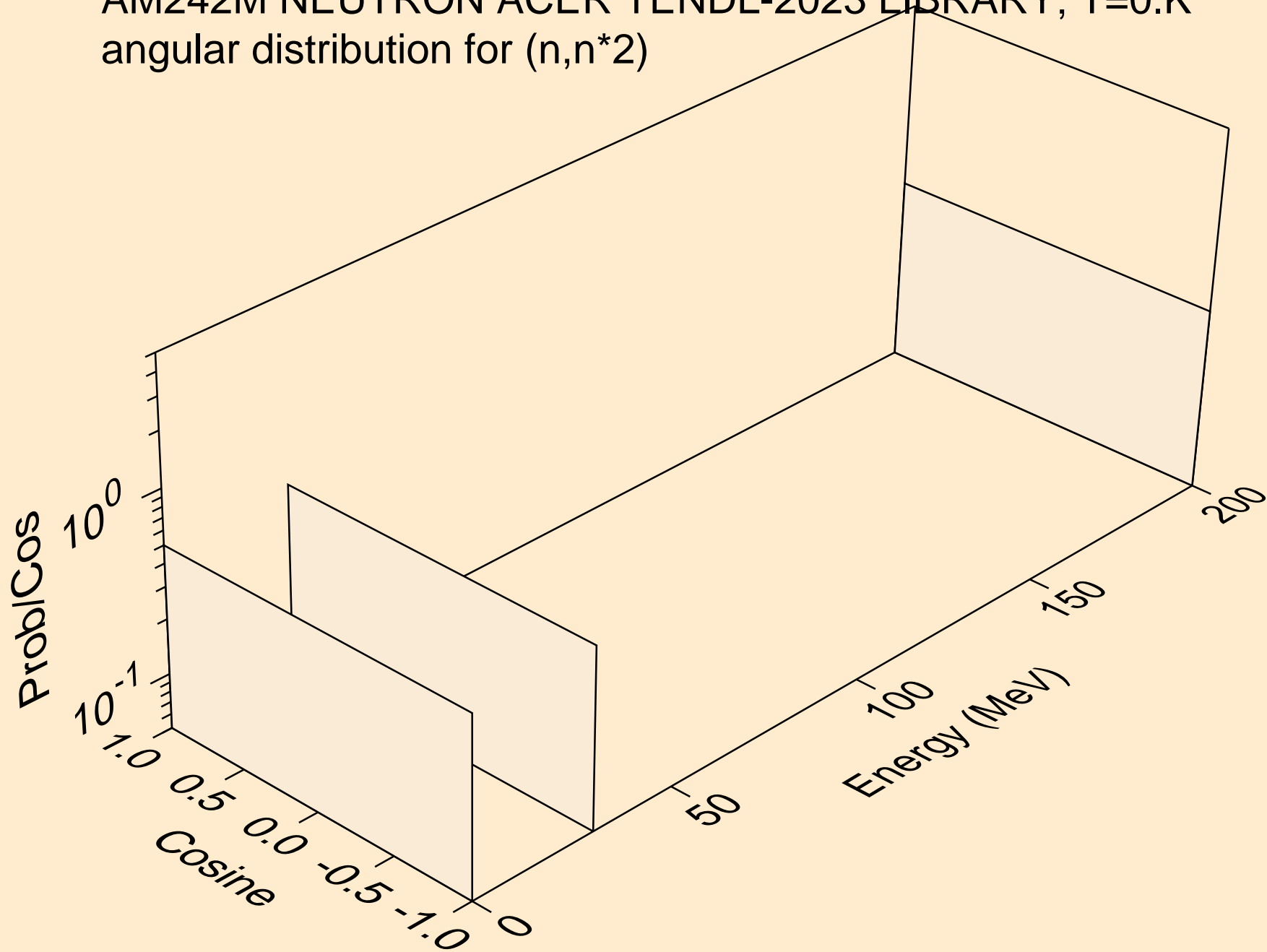
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angular distribution for elastic



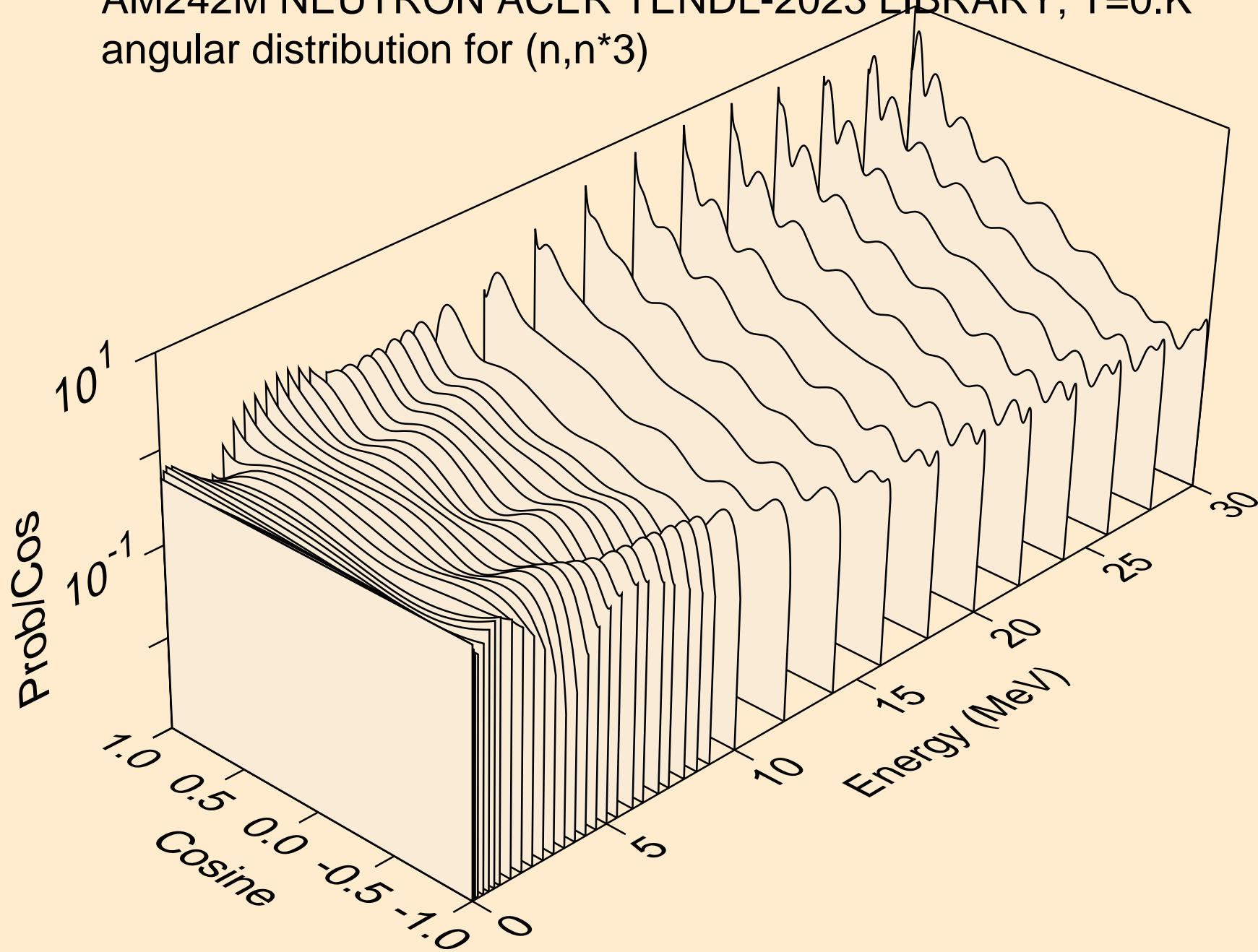
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



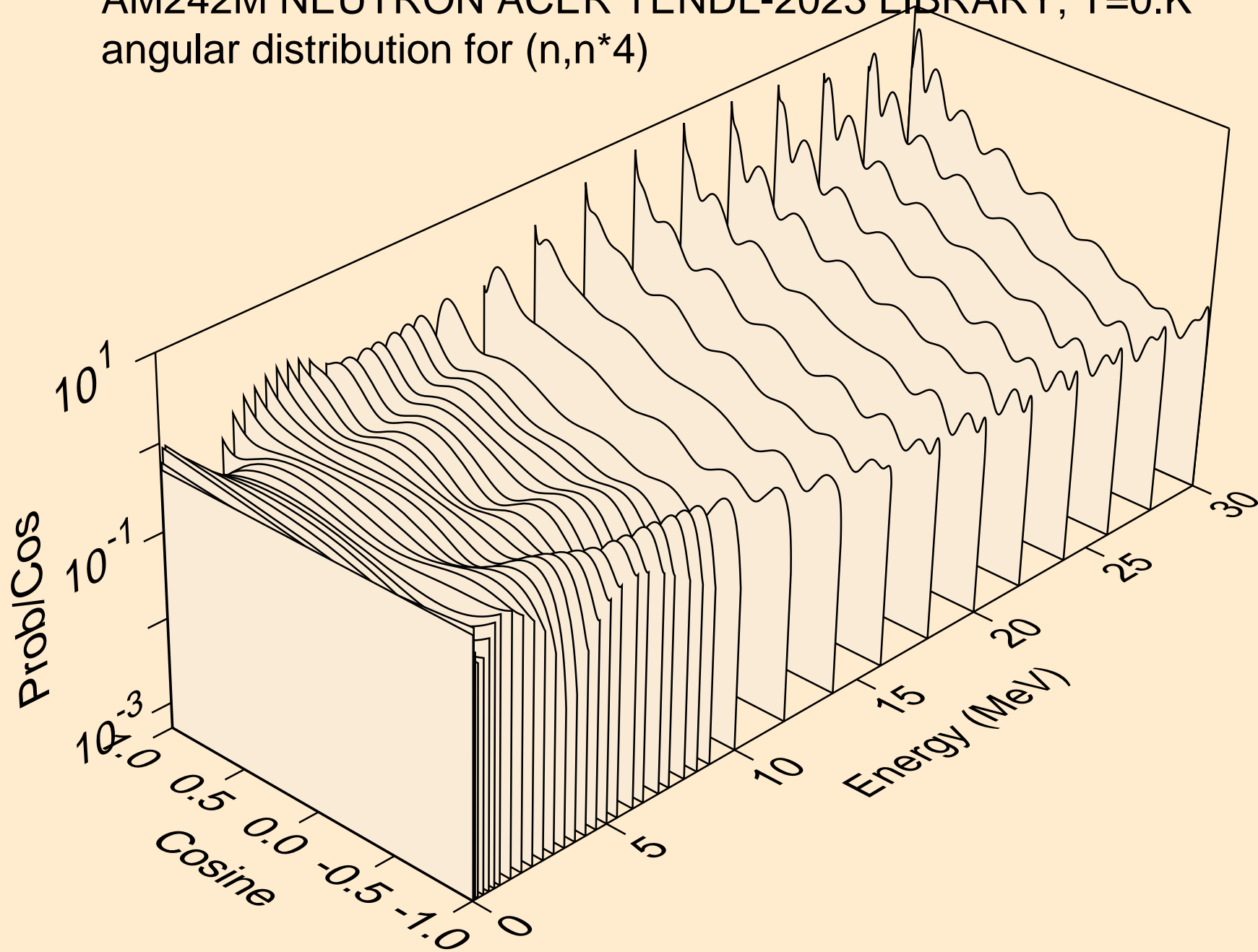
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angular distribution for (n,n\*2)



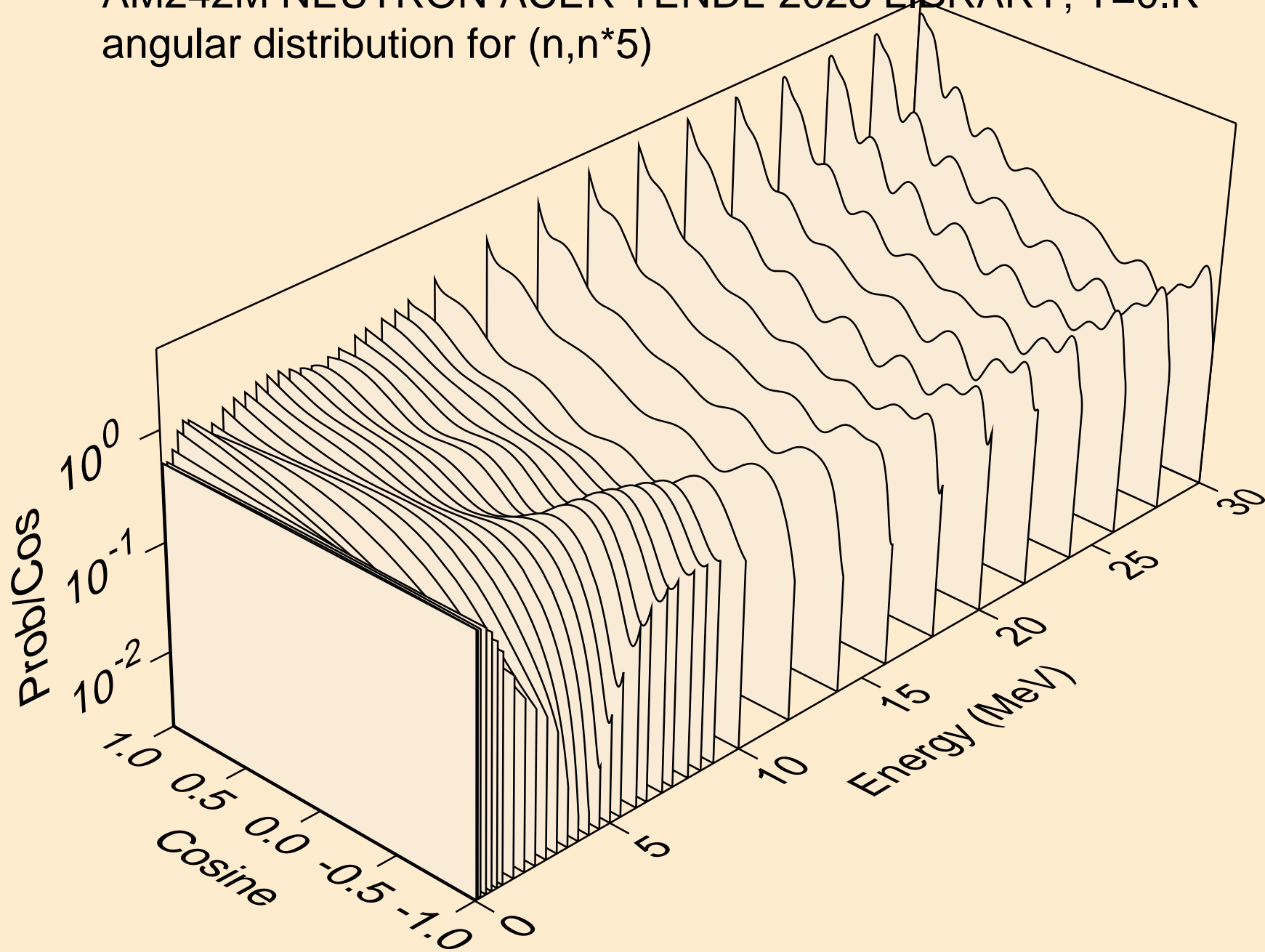
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angular distribution for (n,n\*3)



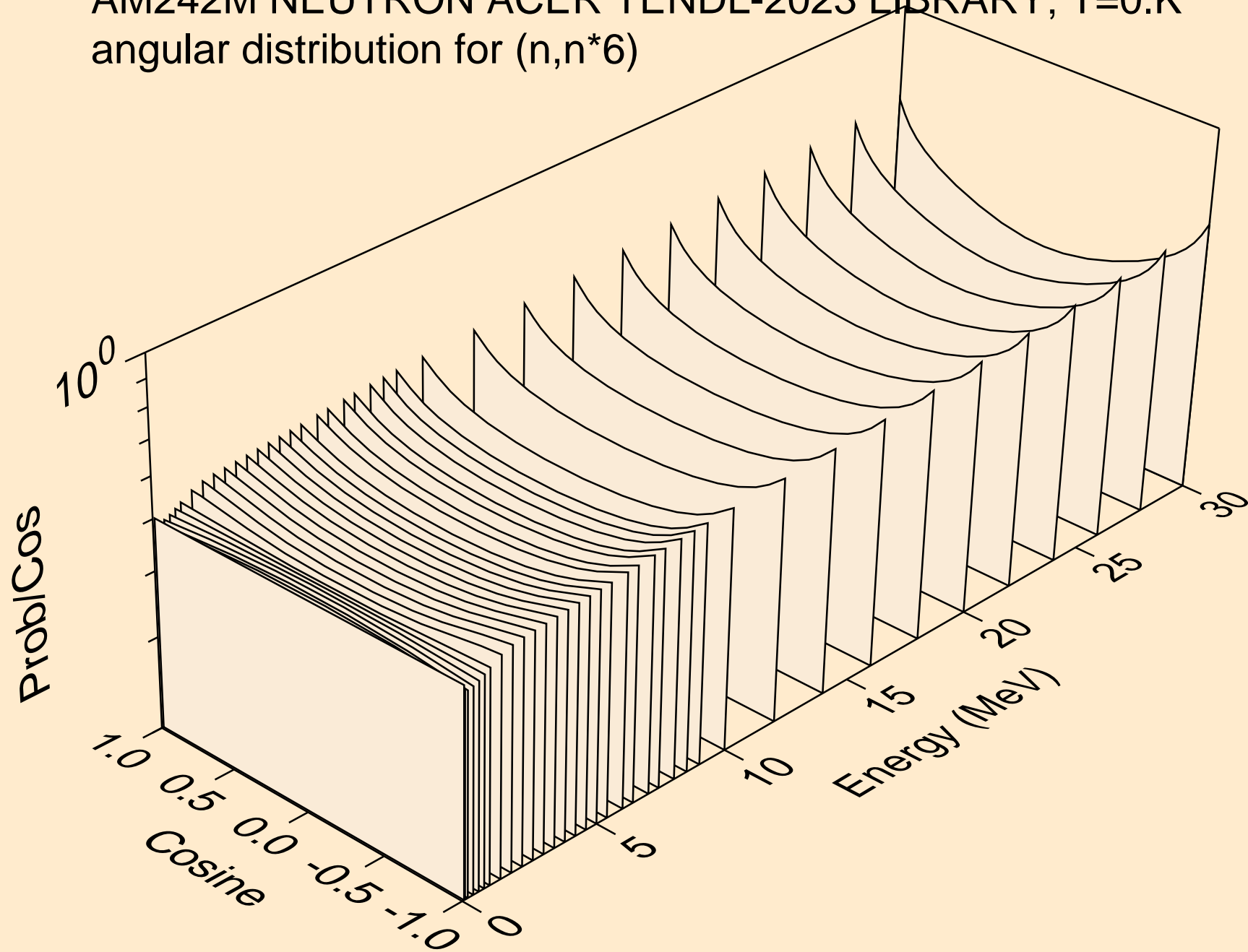
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

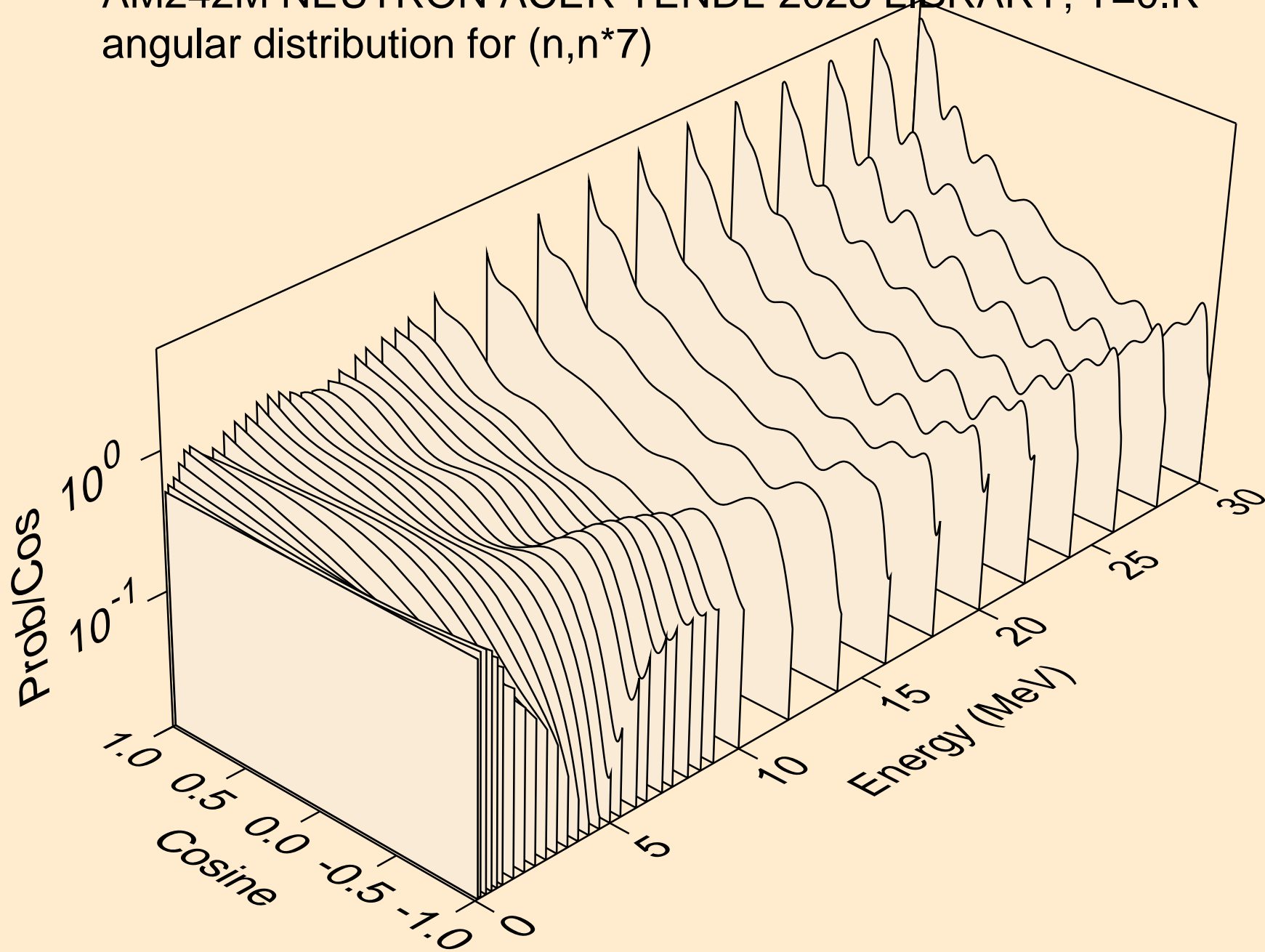


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angular distribution for (n,n\*6)

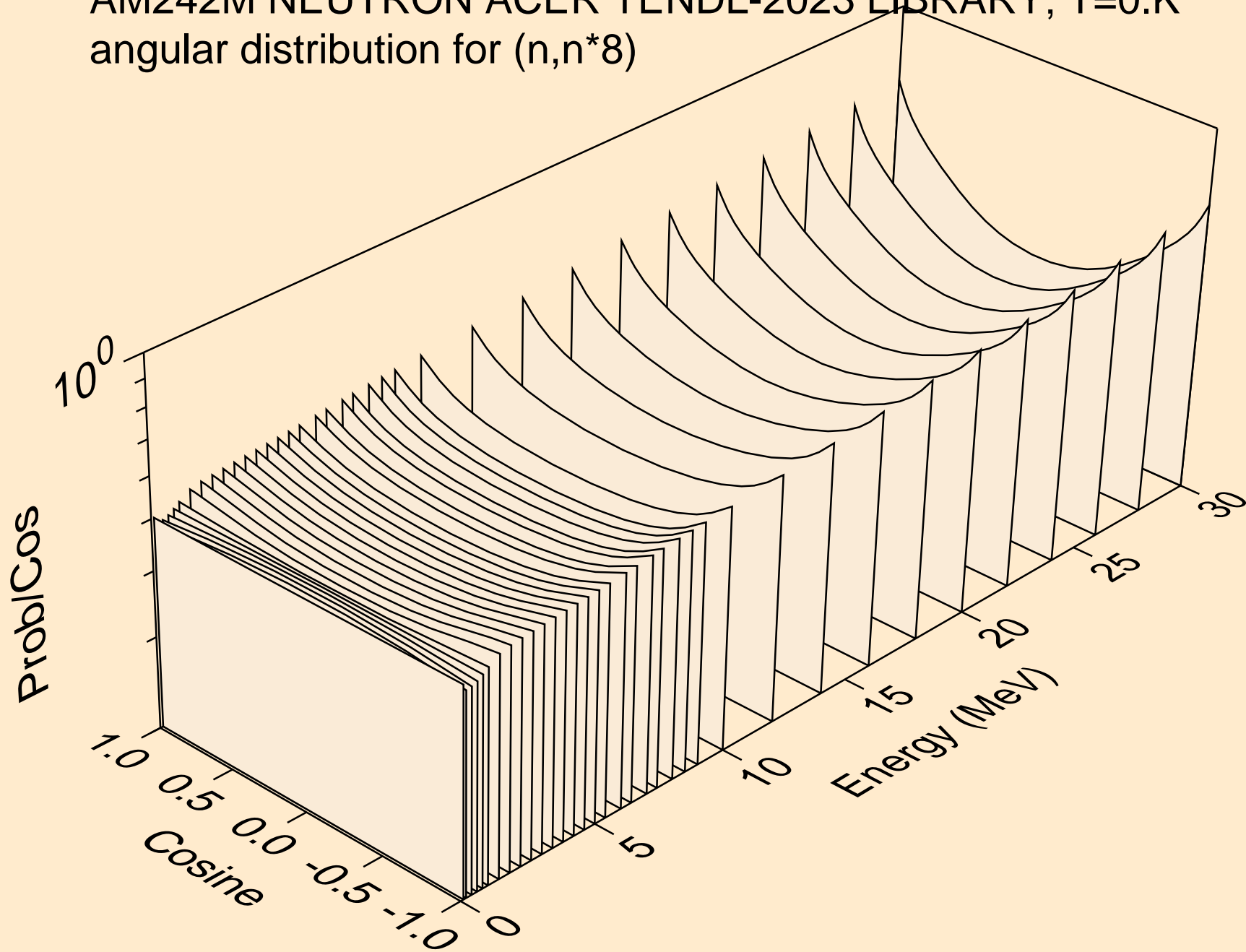




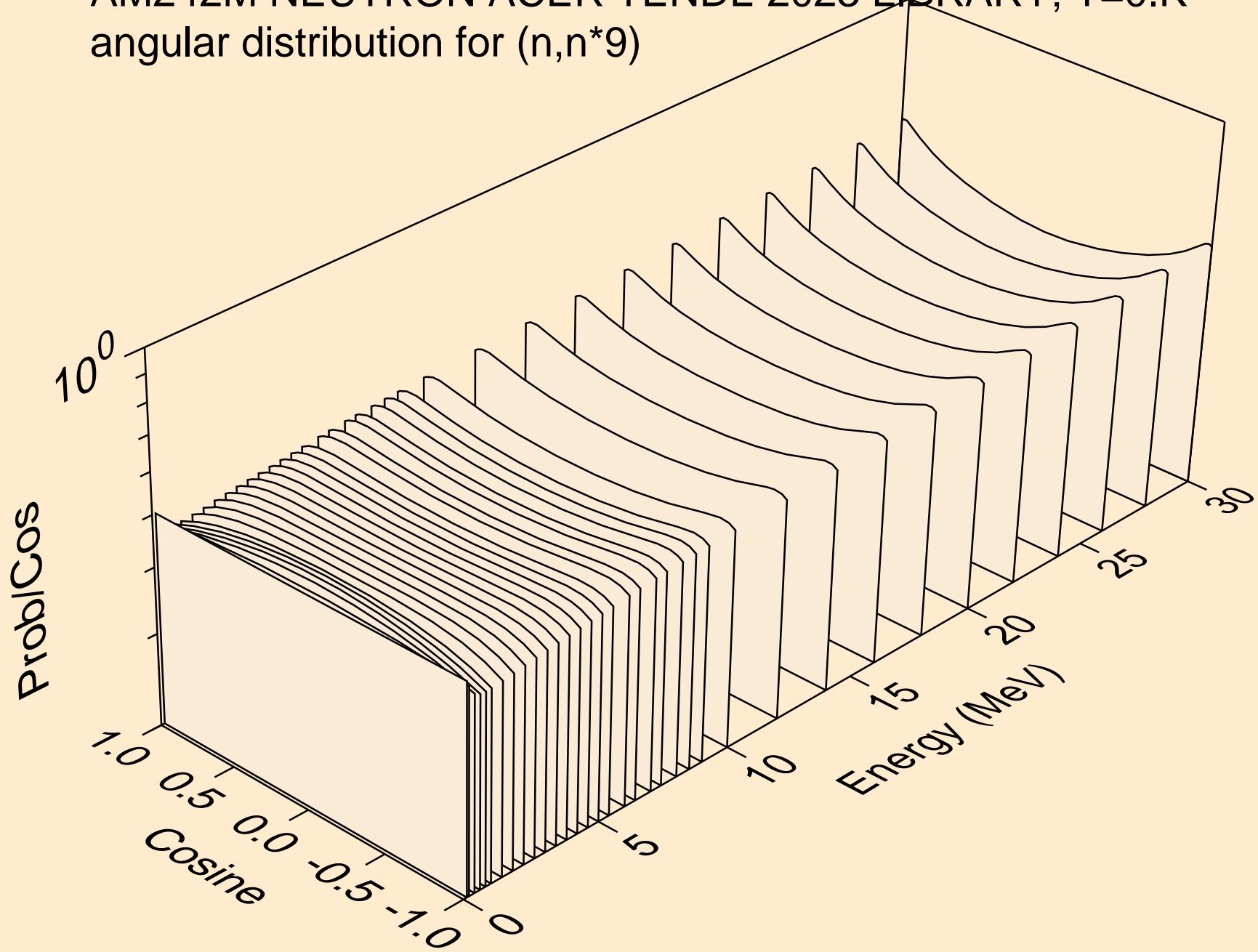
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angular distribution for (n,n\*7)



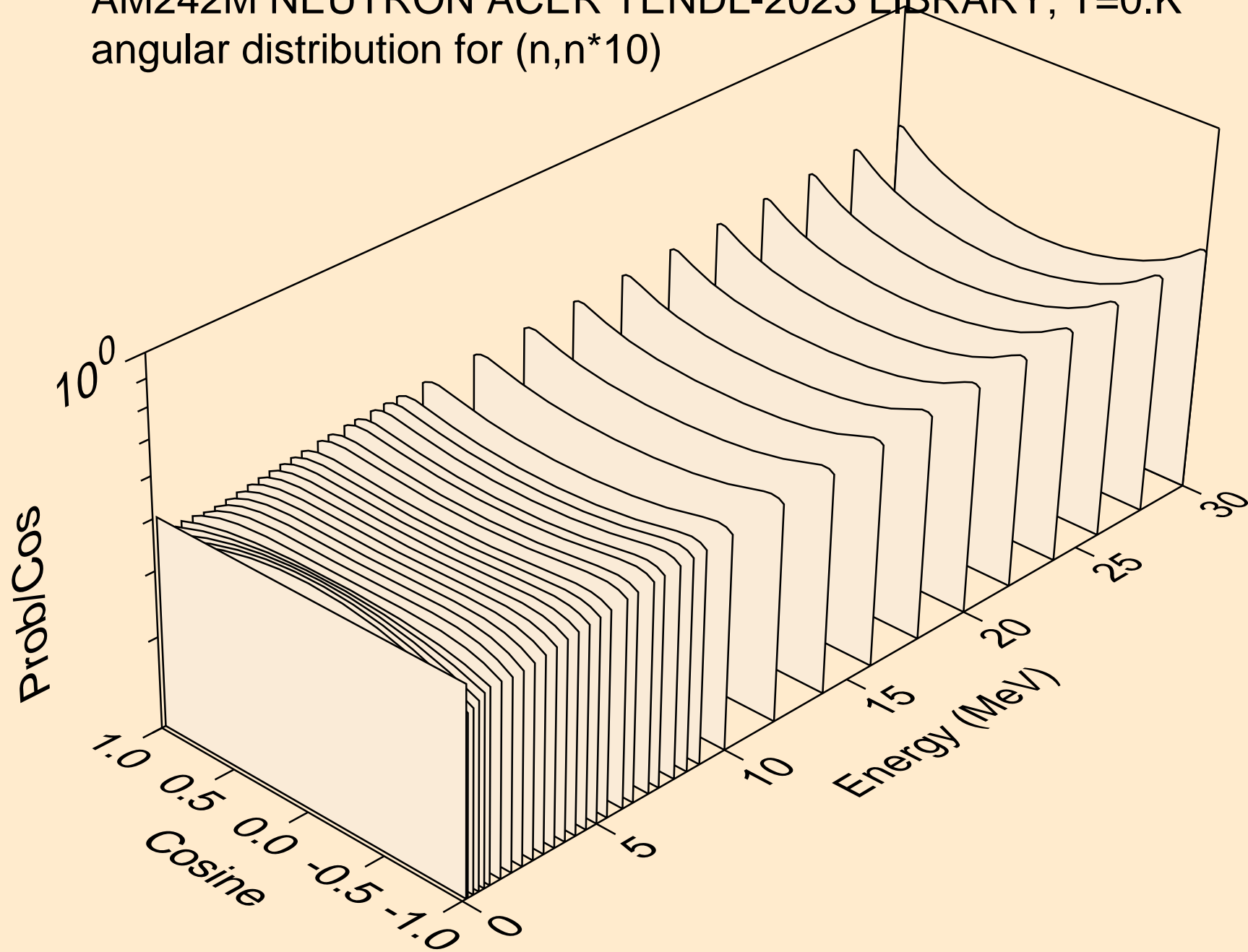
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angular distribution for (n,n\*8)



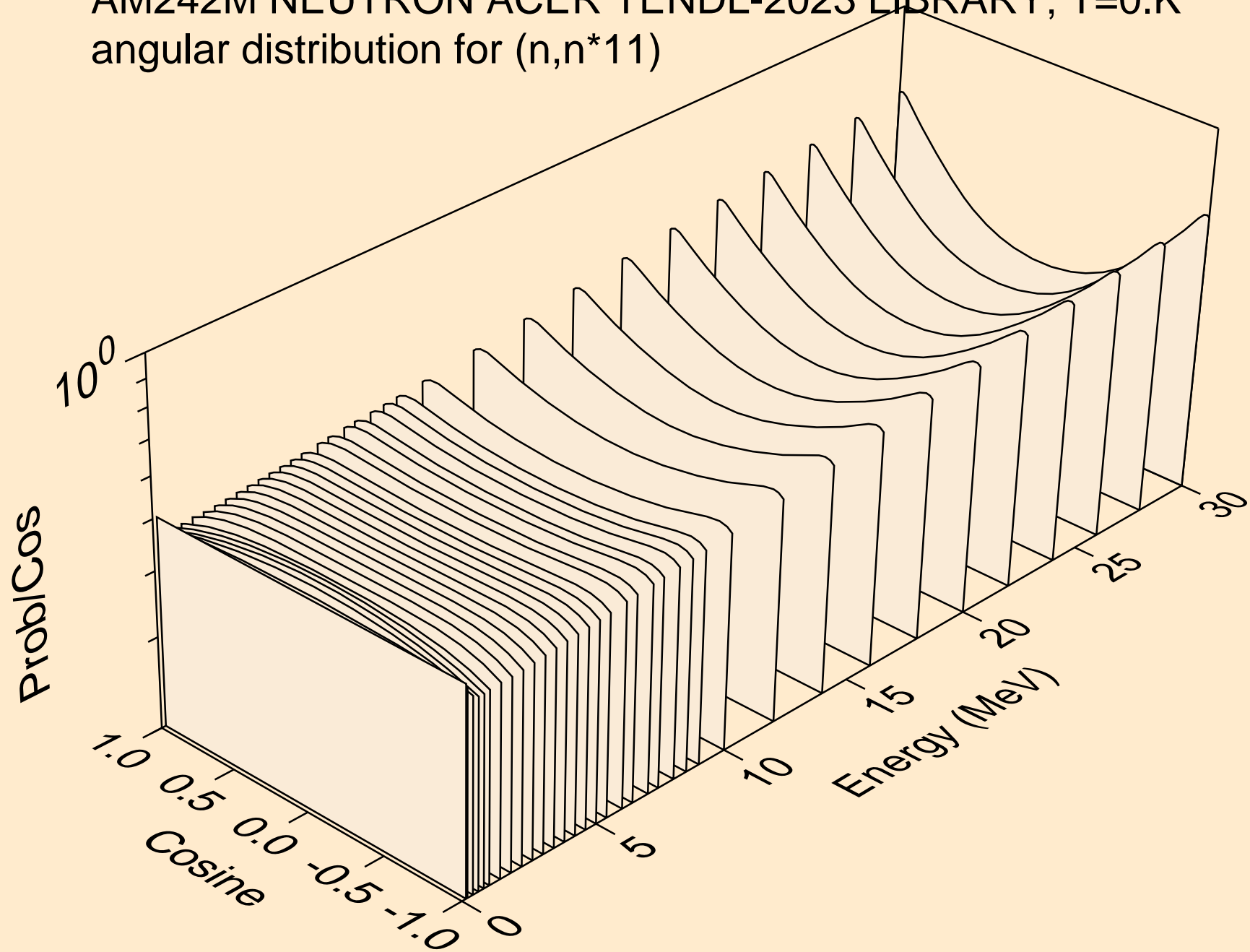
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angular distribution for (n,n\*9)



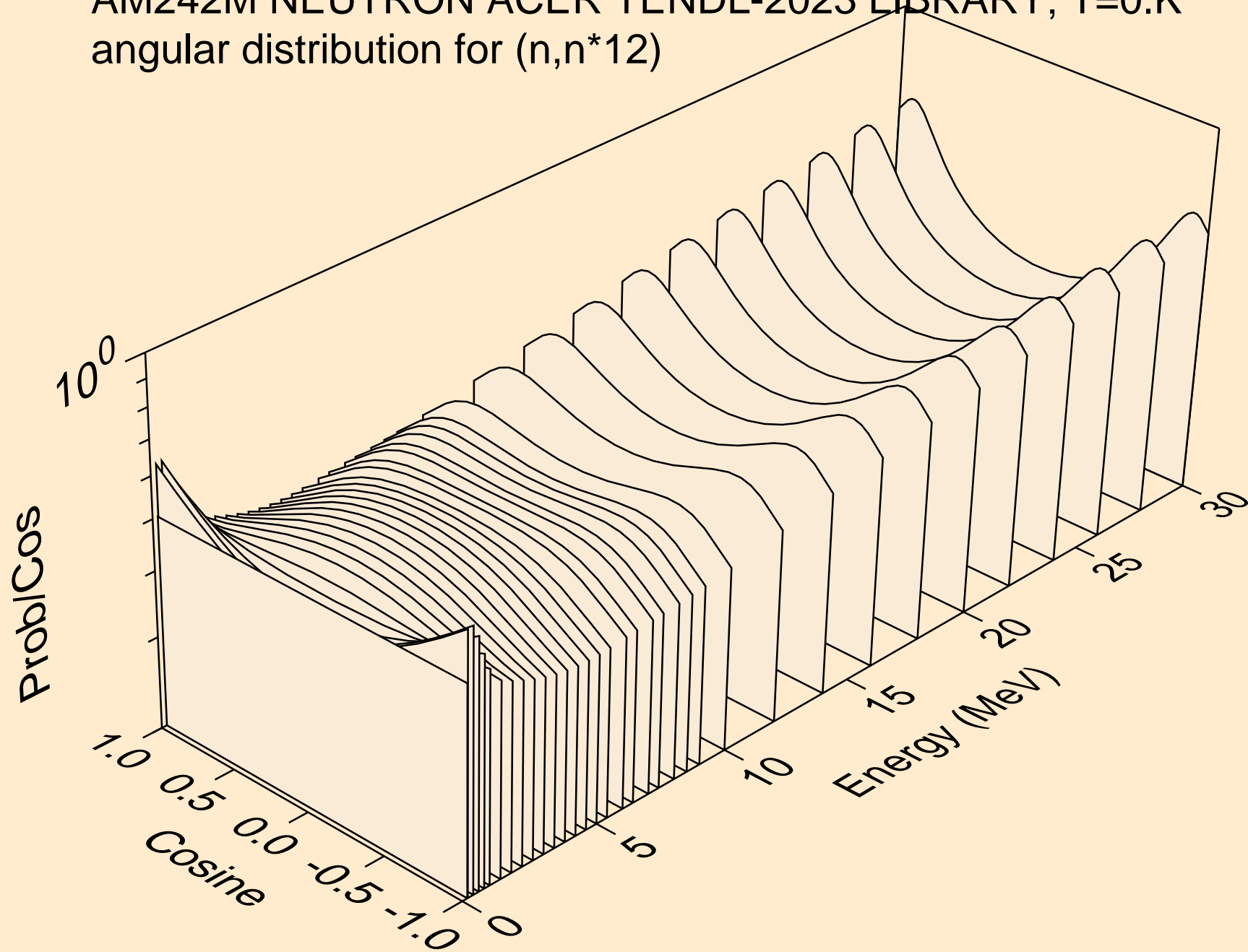
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angular distribution for (n,n\*10)



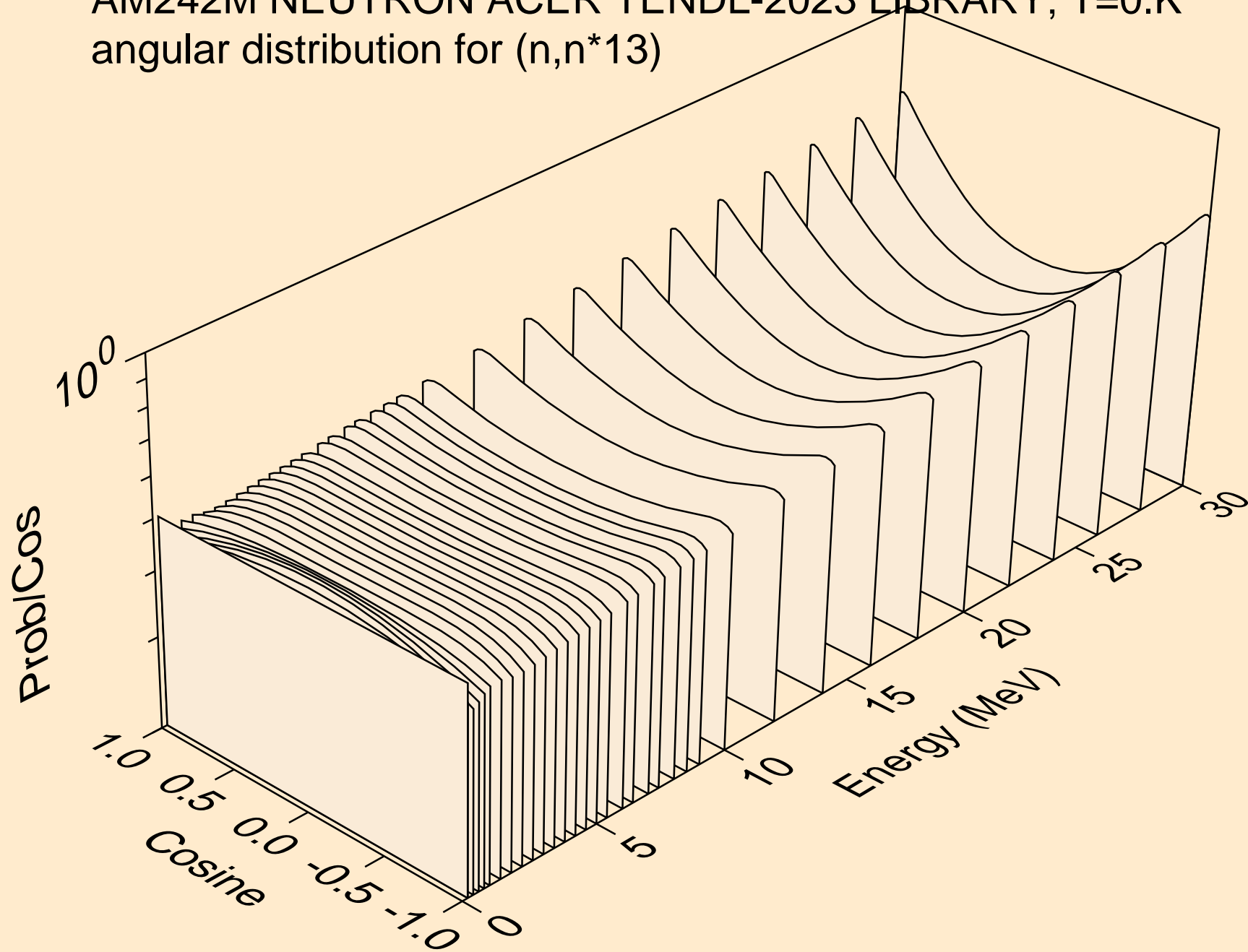
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angular distribution for (n,n\*11)



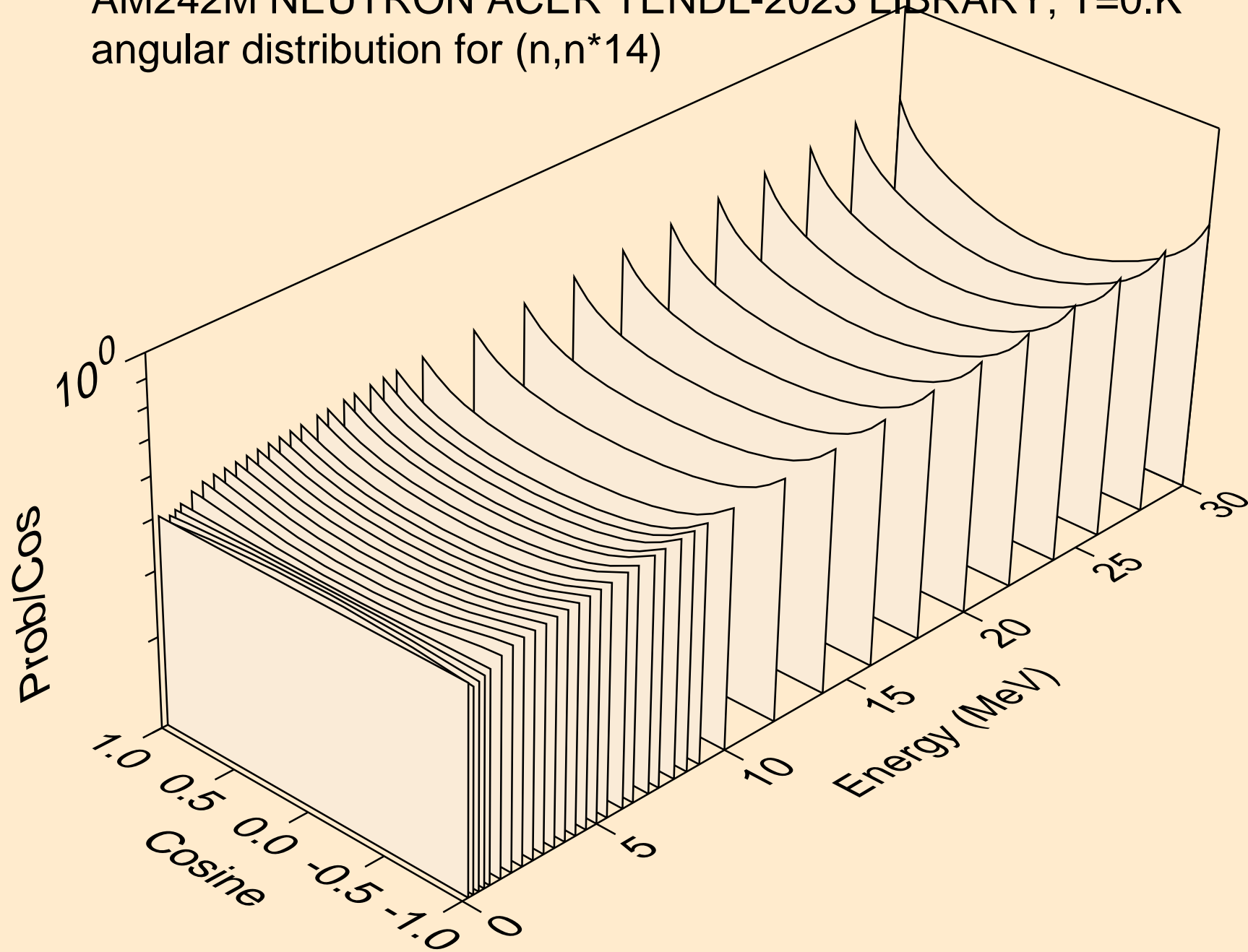
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

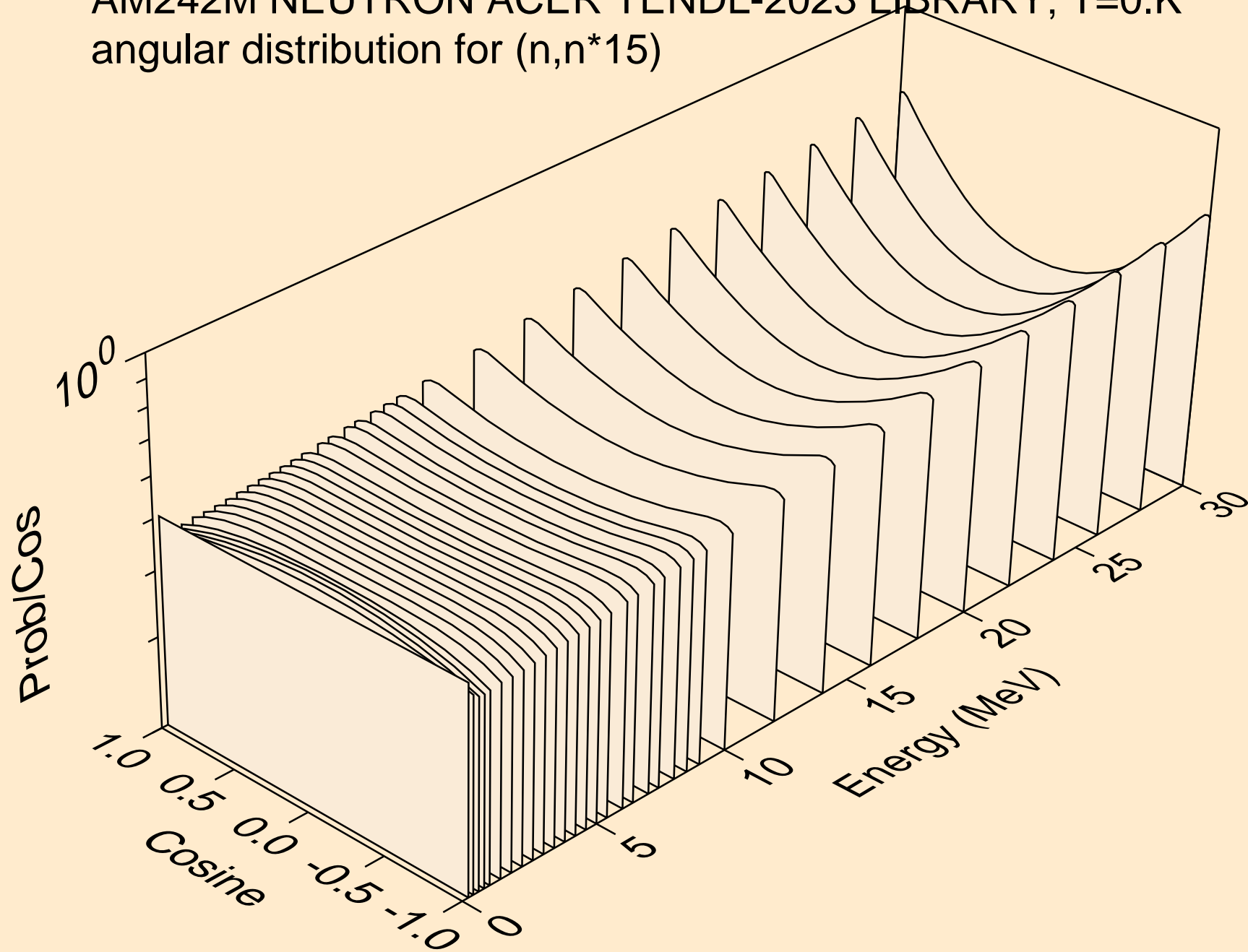


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angular distribution for (n,n\*14)



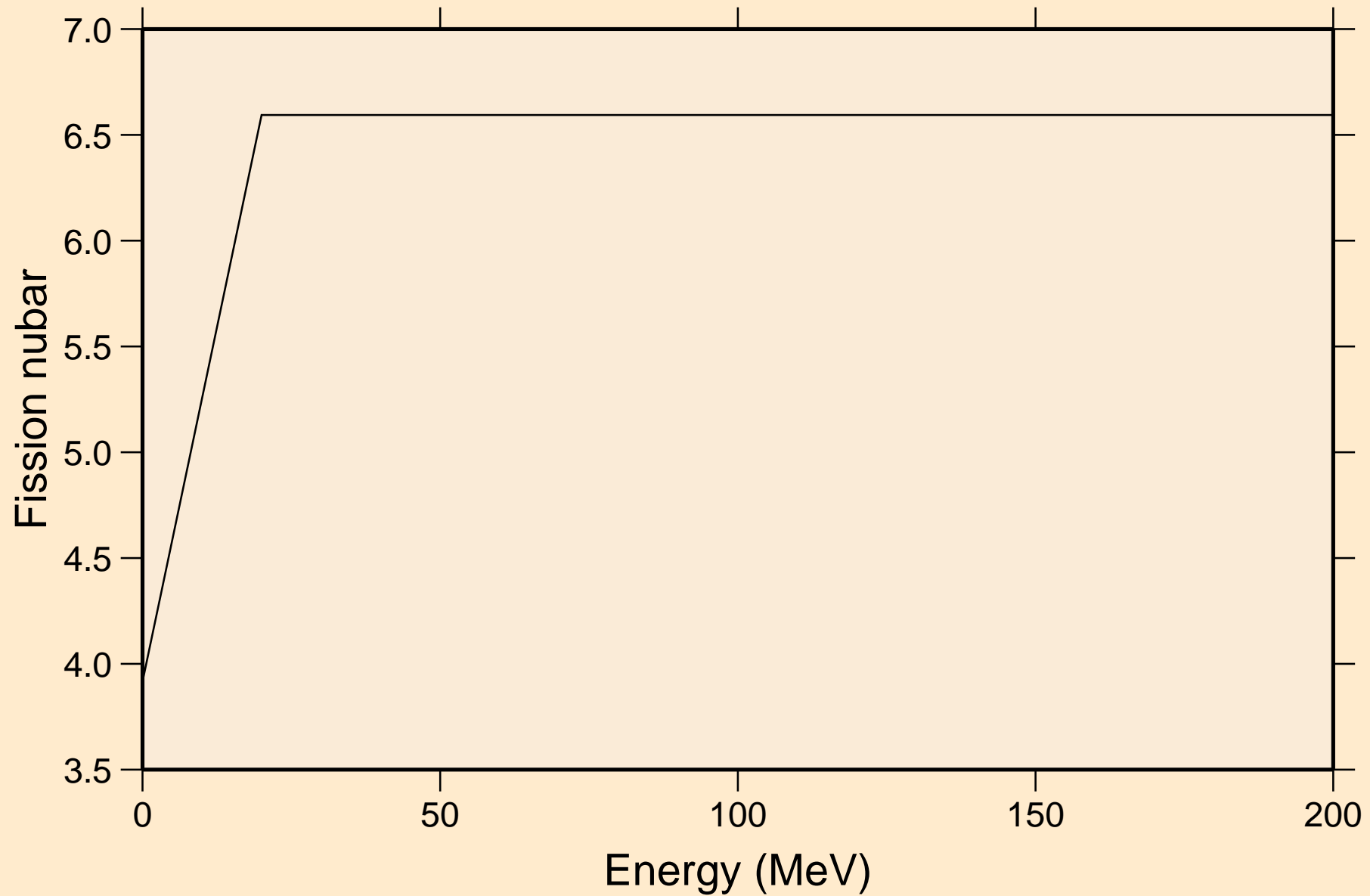


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angular distribution for (n,n\*15)

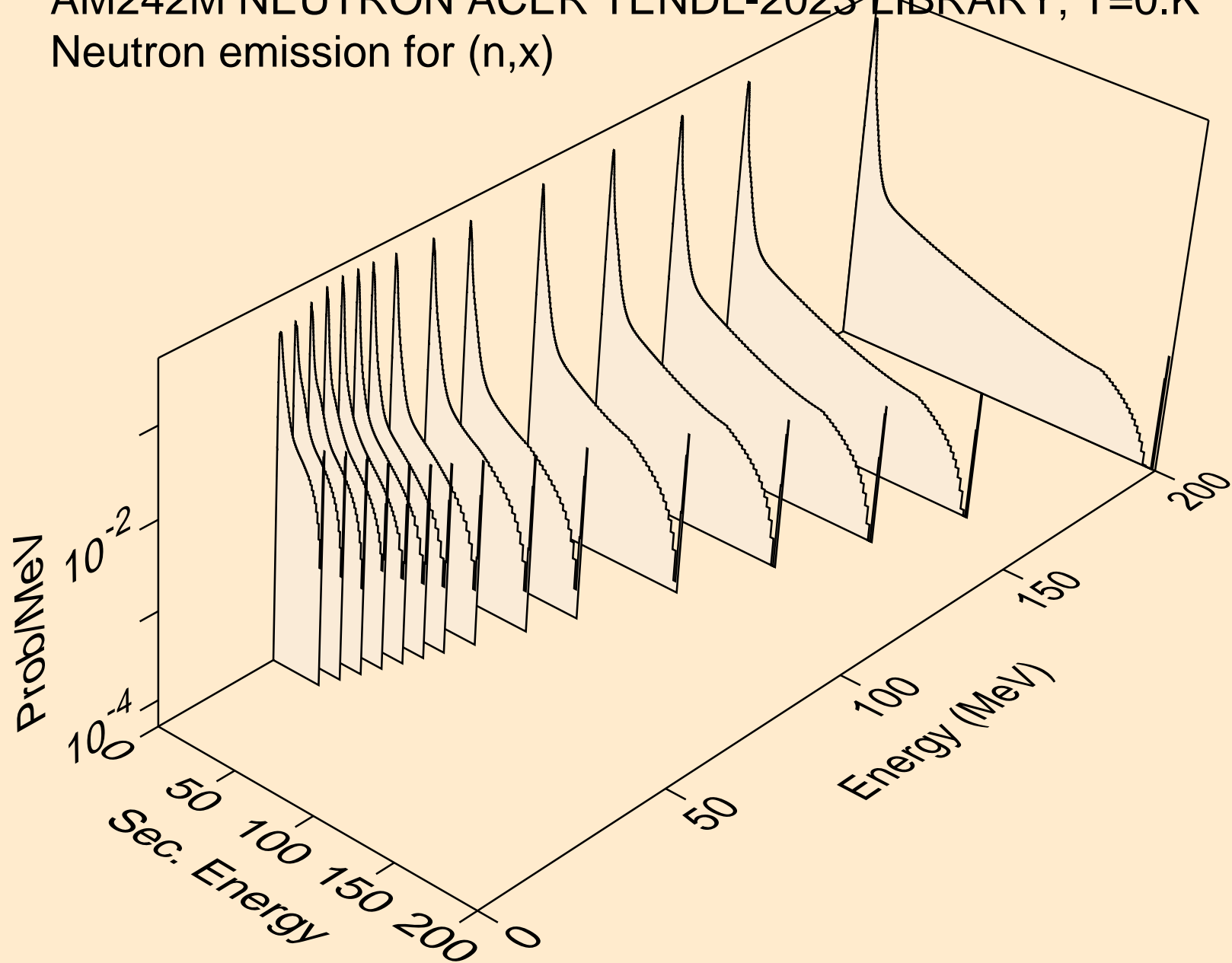


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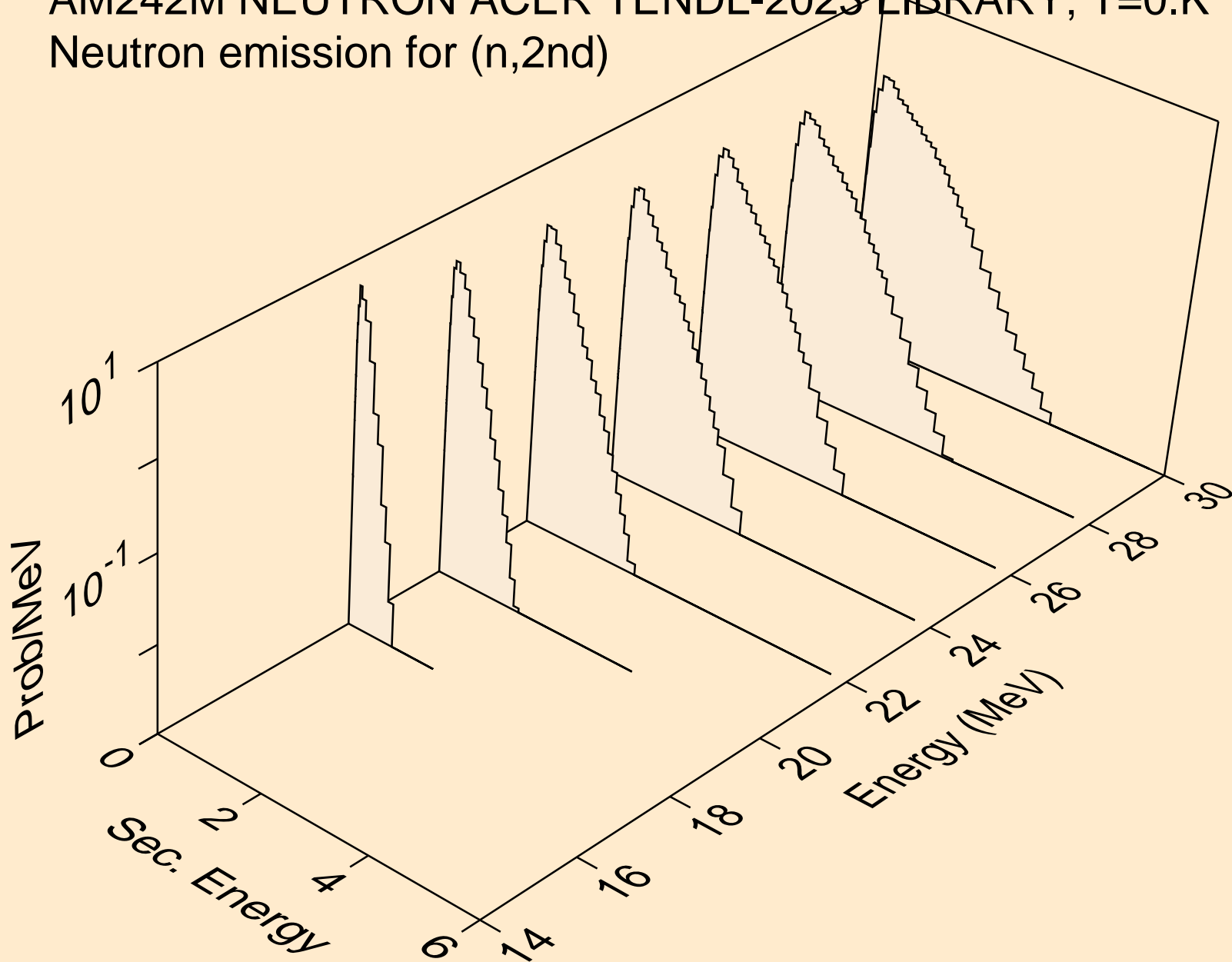
Total fission nubar



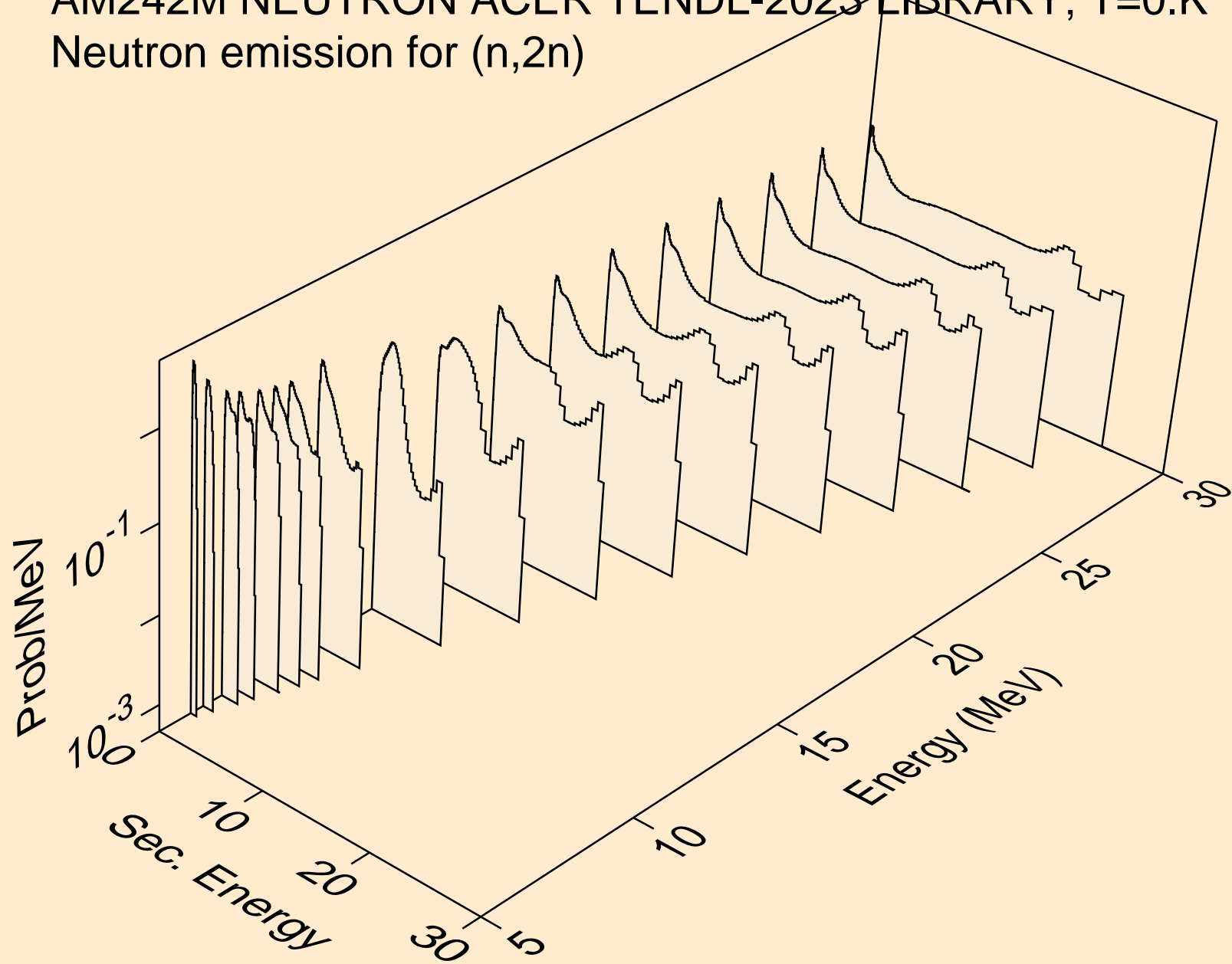
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



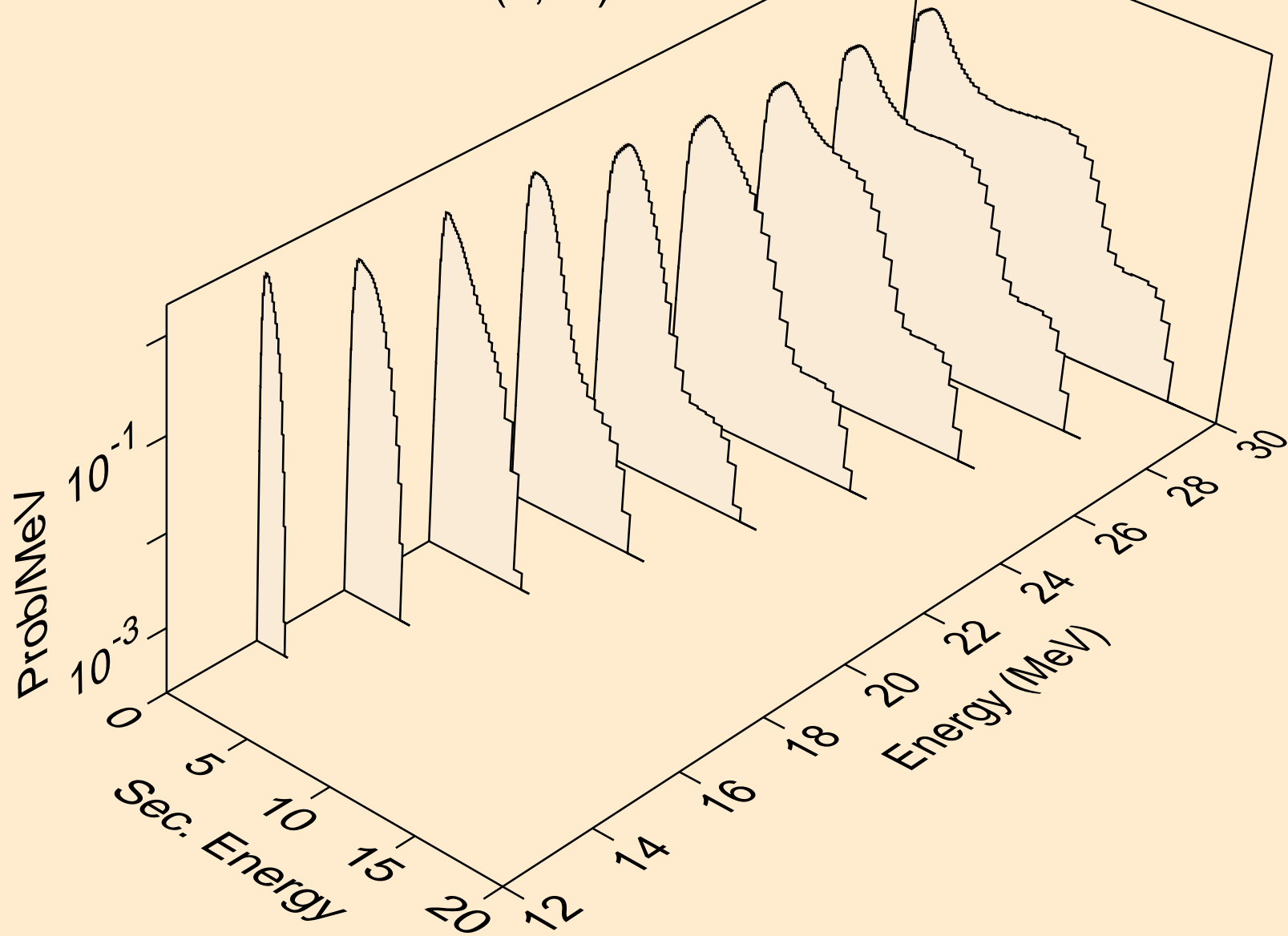
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



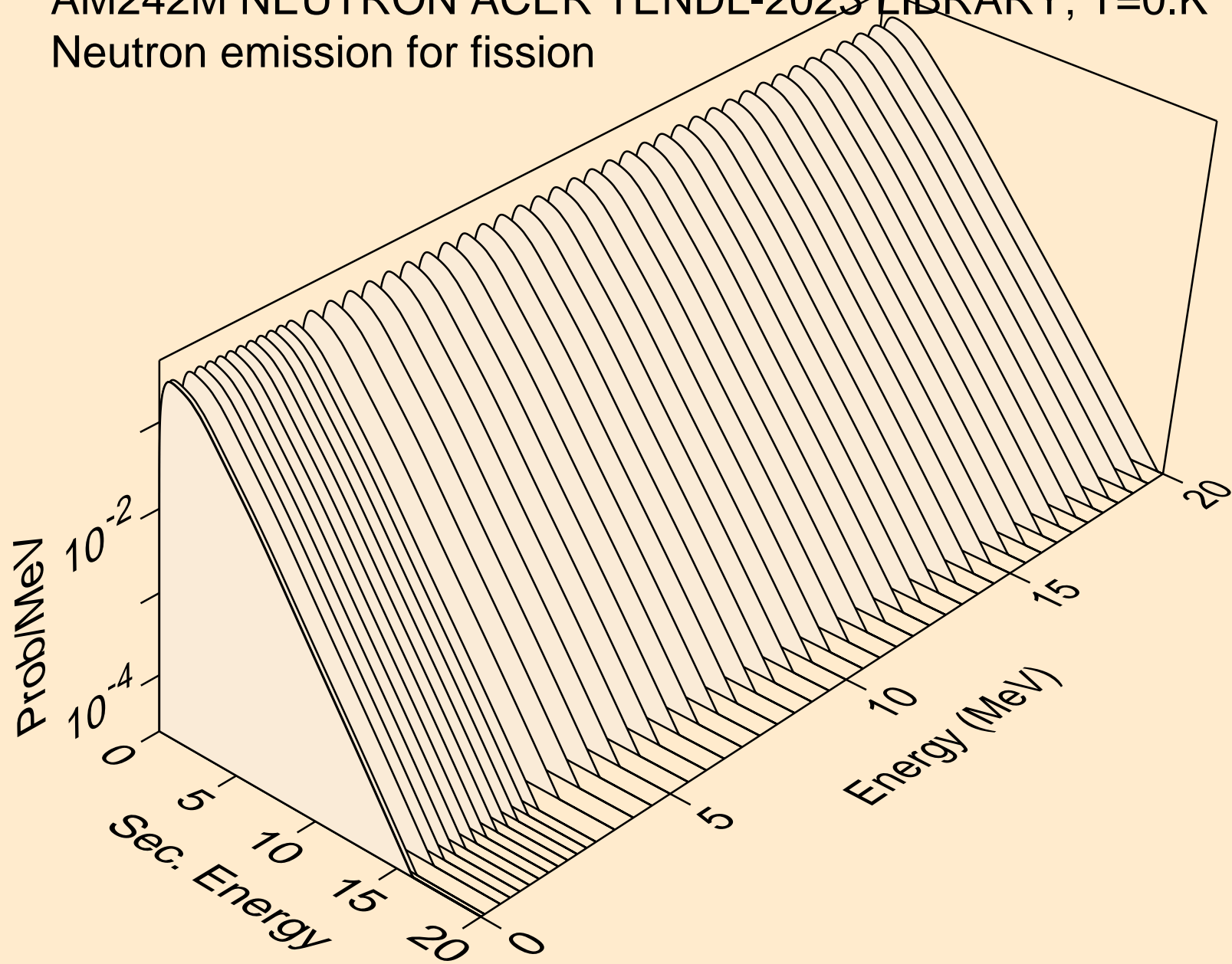
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Neutron emission for (n,2n)



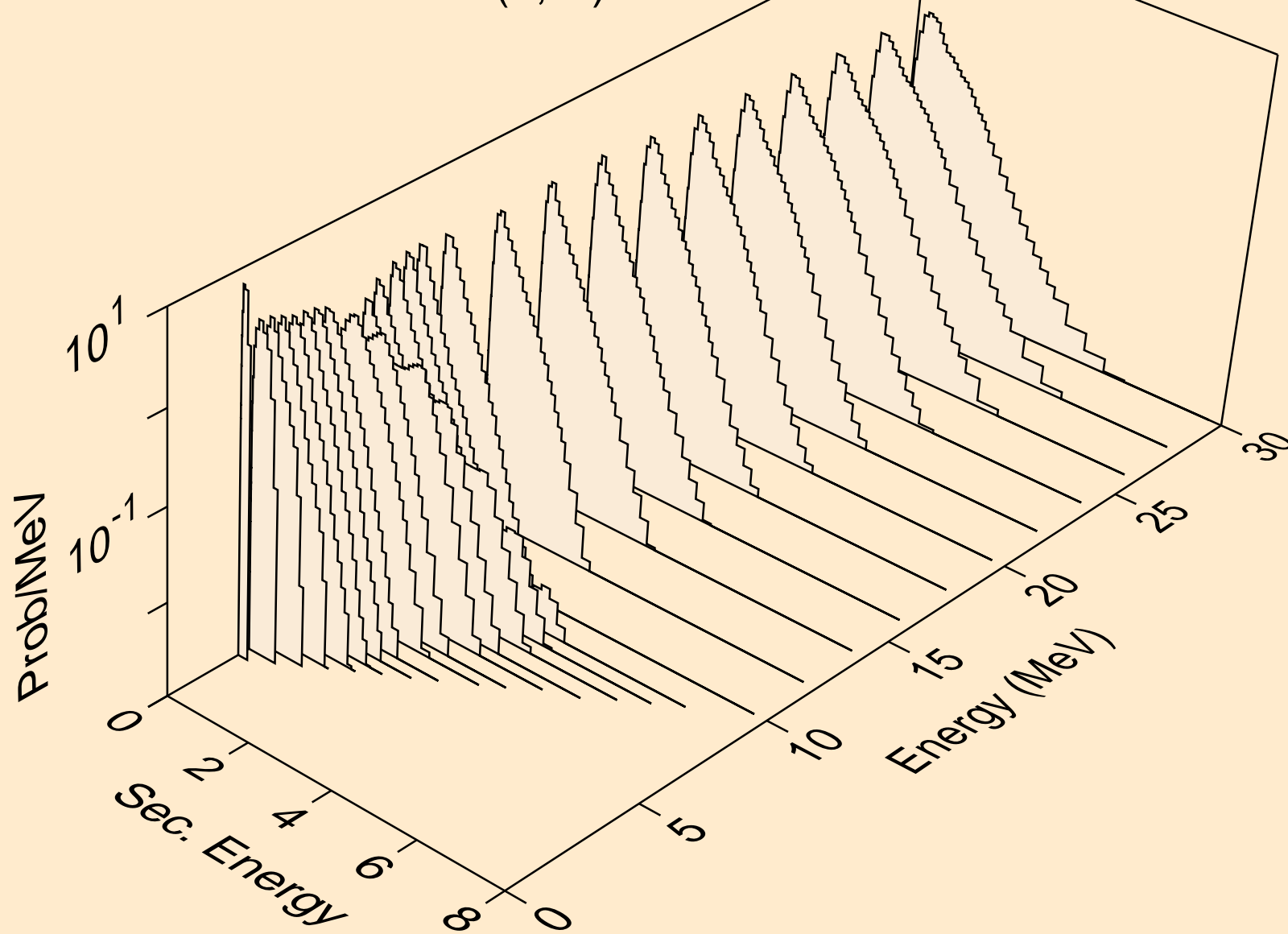
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission

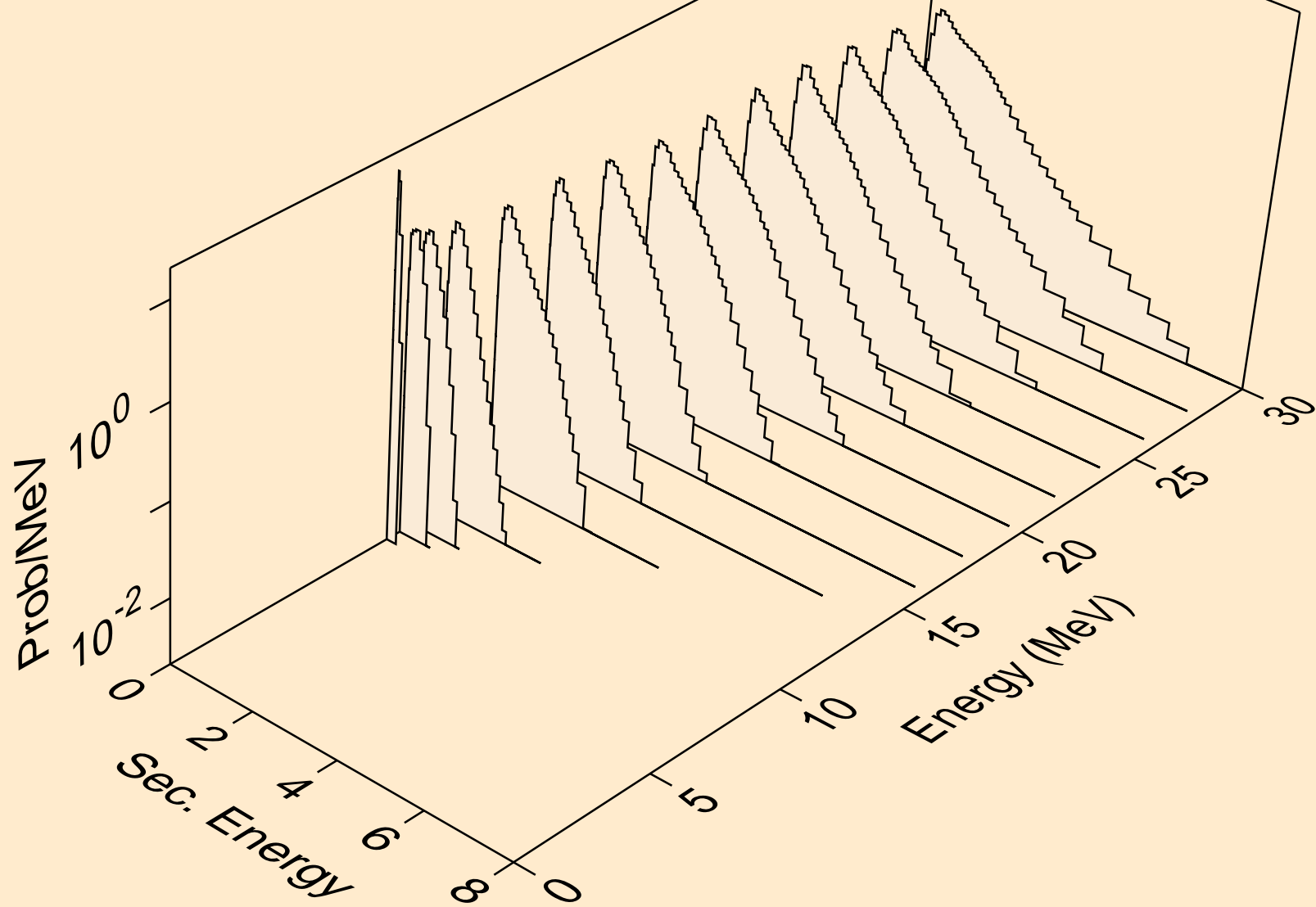


AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

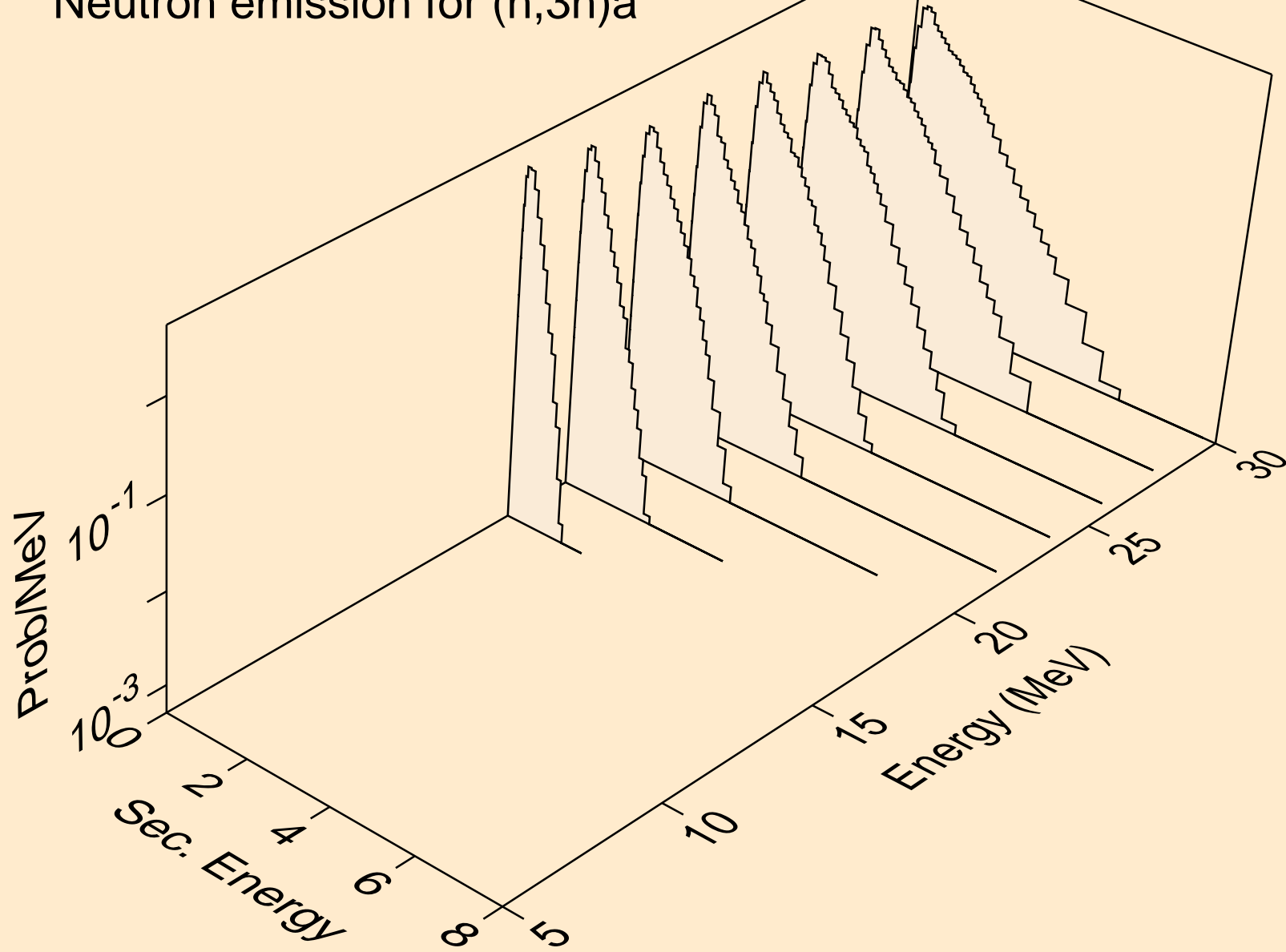




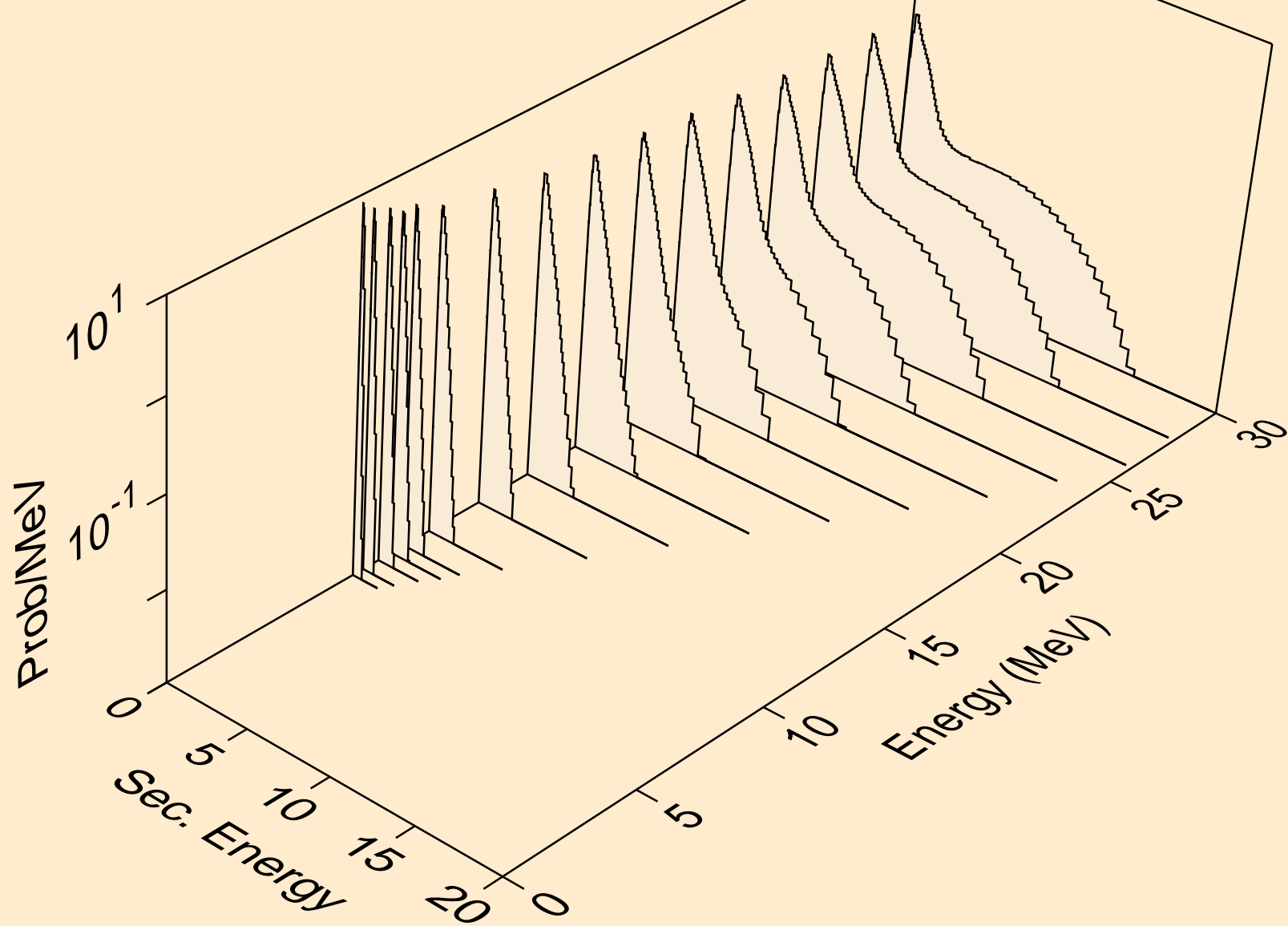
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Neutron emission for (n,2n)a



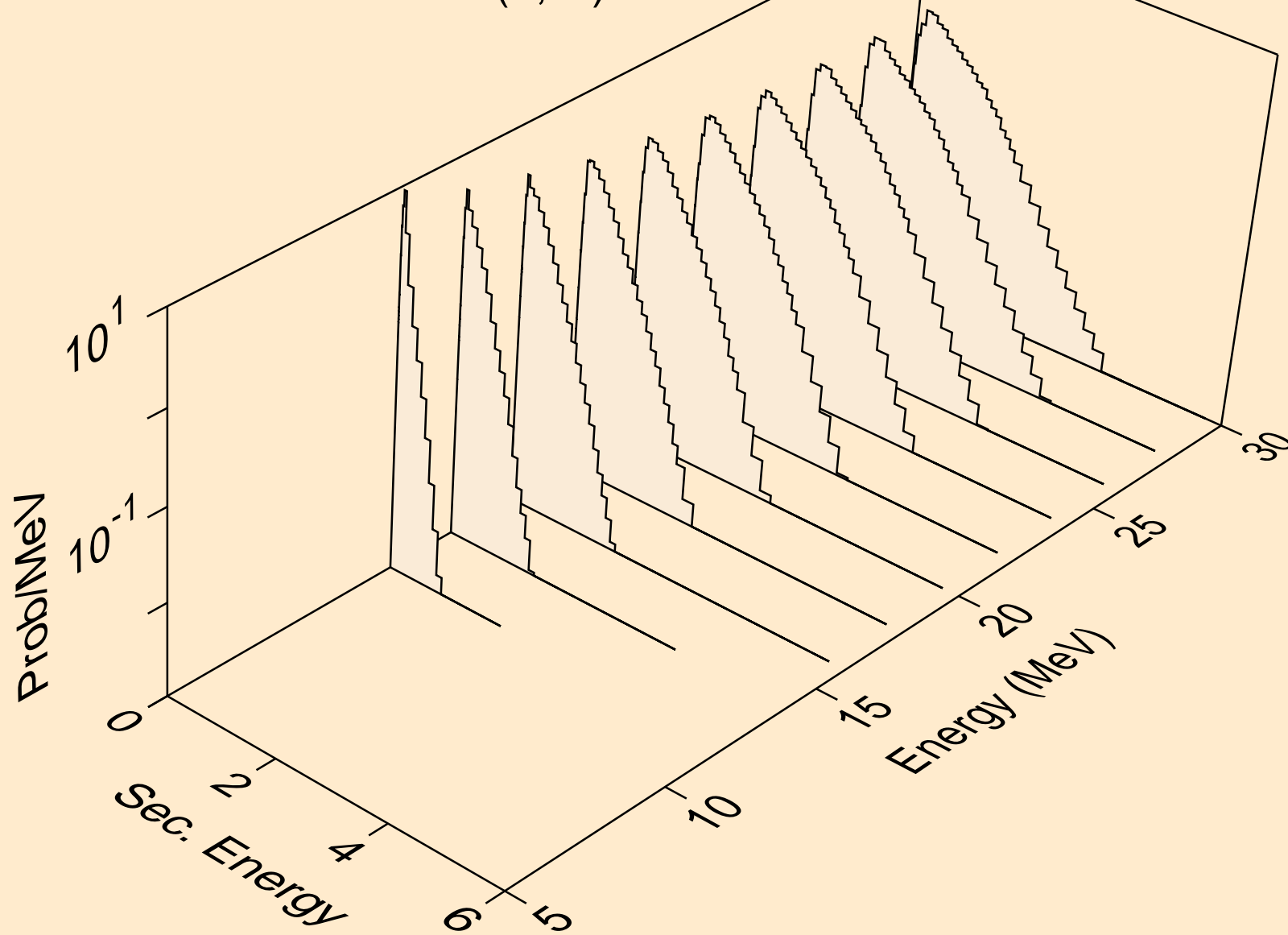
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Neutron emission for (n,3n)a



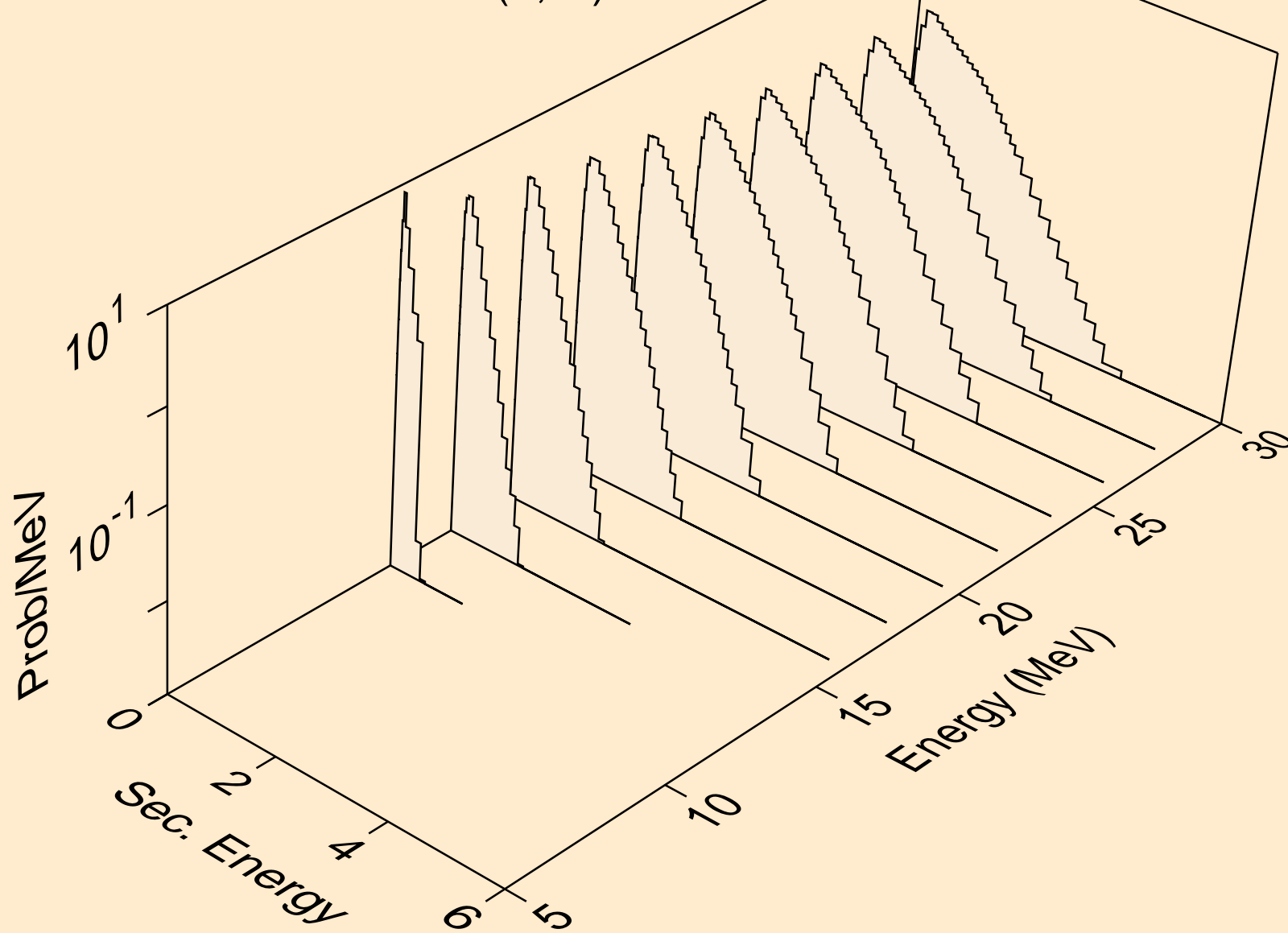
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Neutron emission for (n,n\*)p



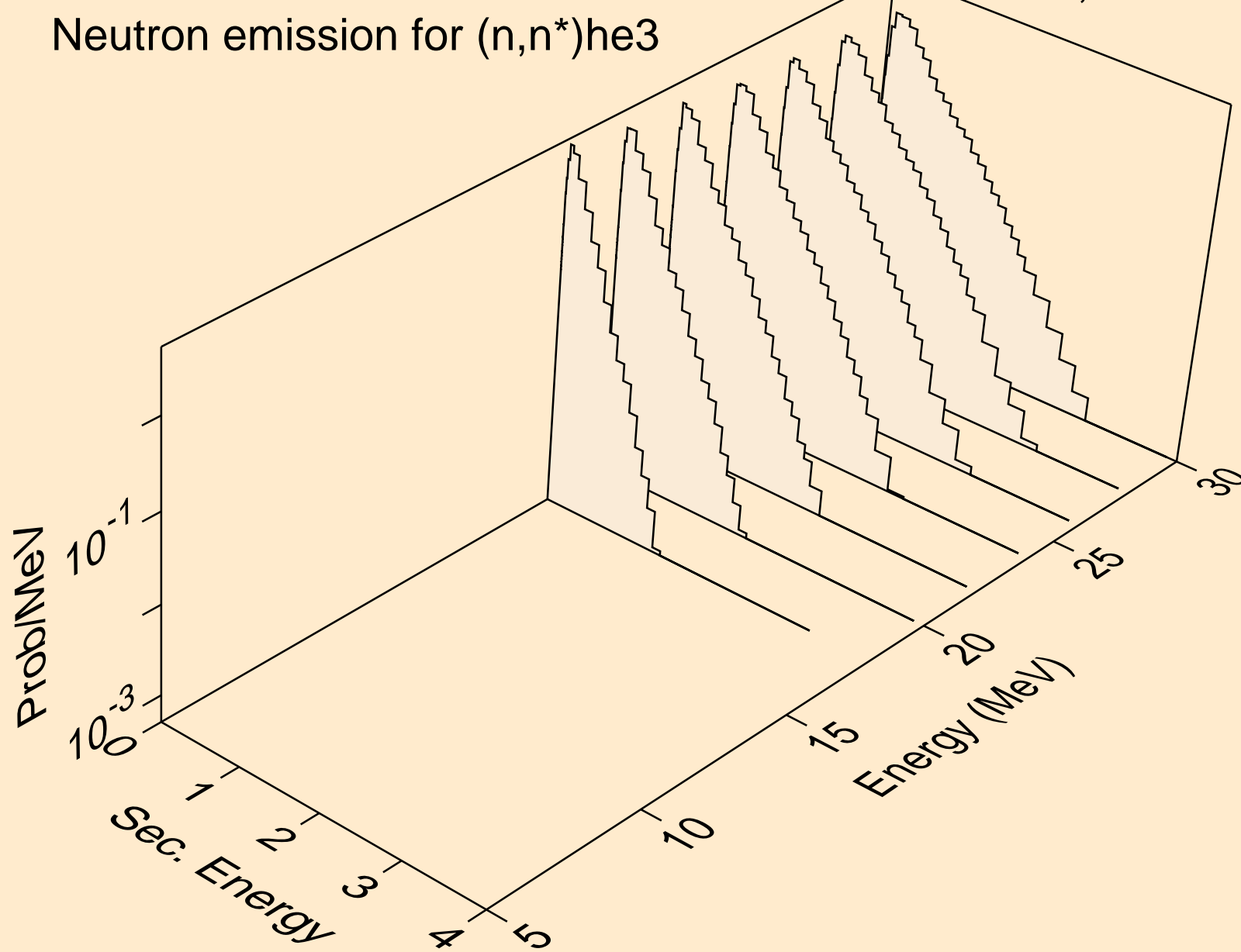
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Neutron emission for (n,n\*)d



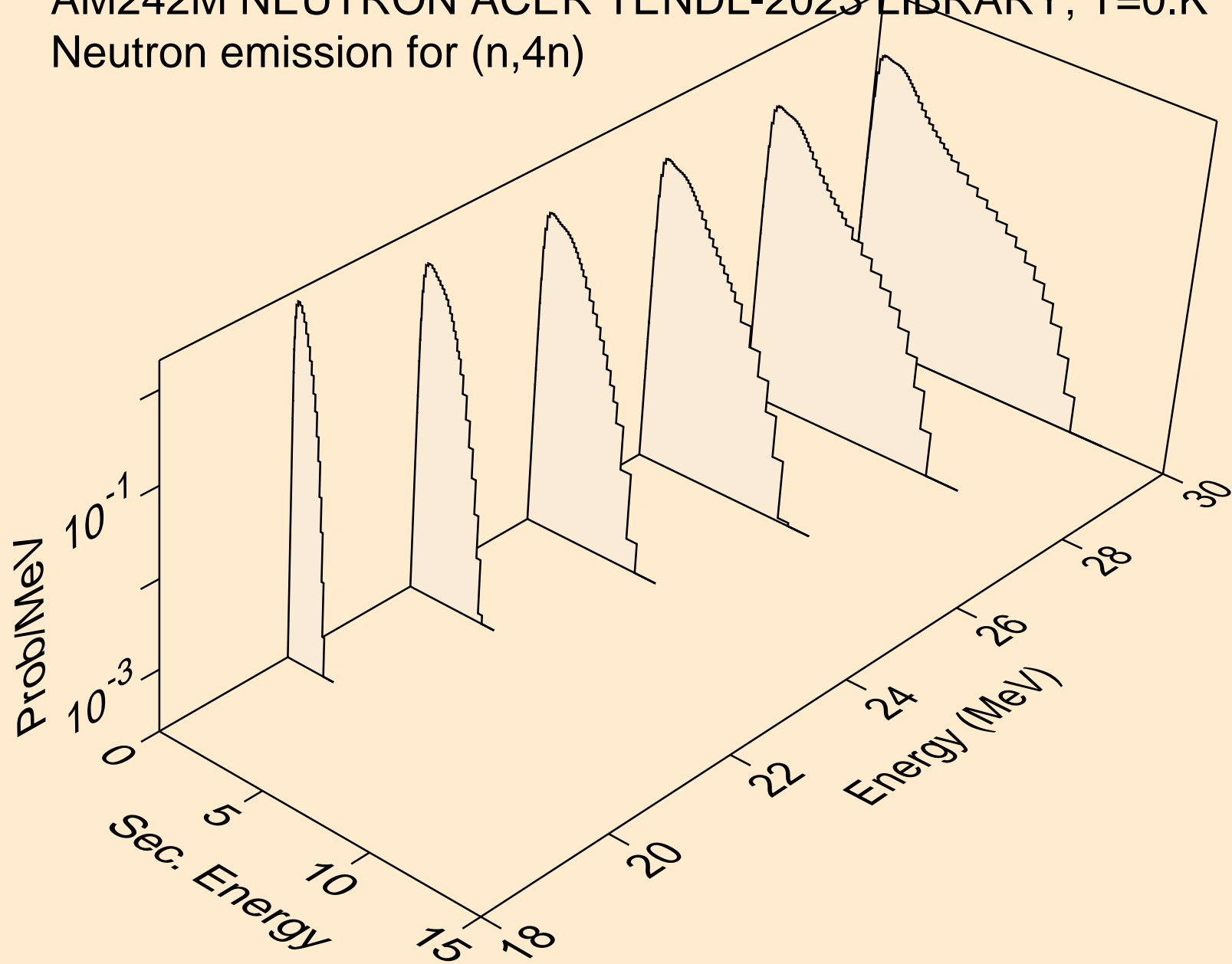
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Neutron emission for (n,n\*)t



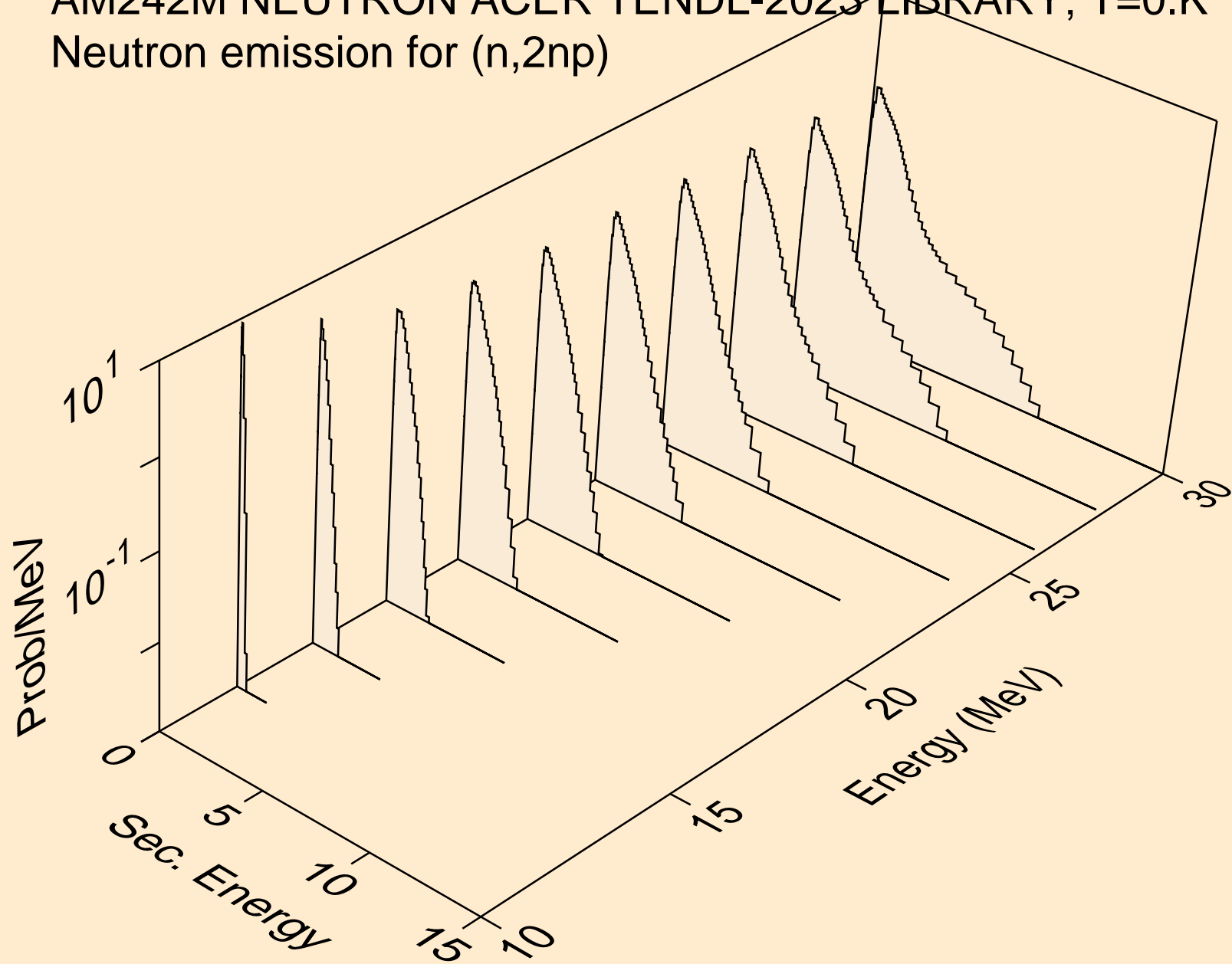
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

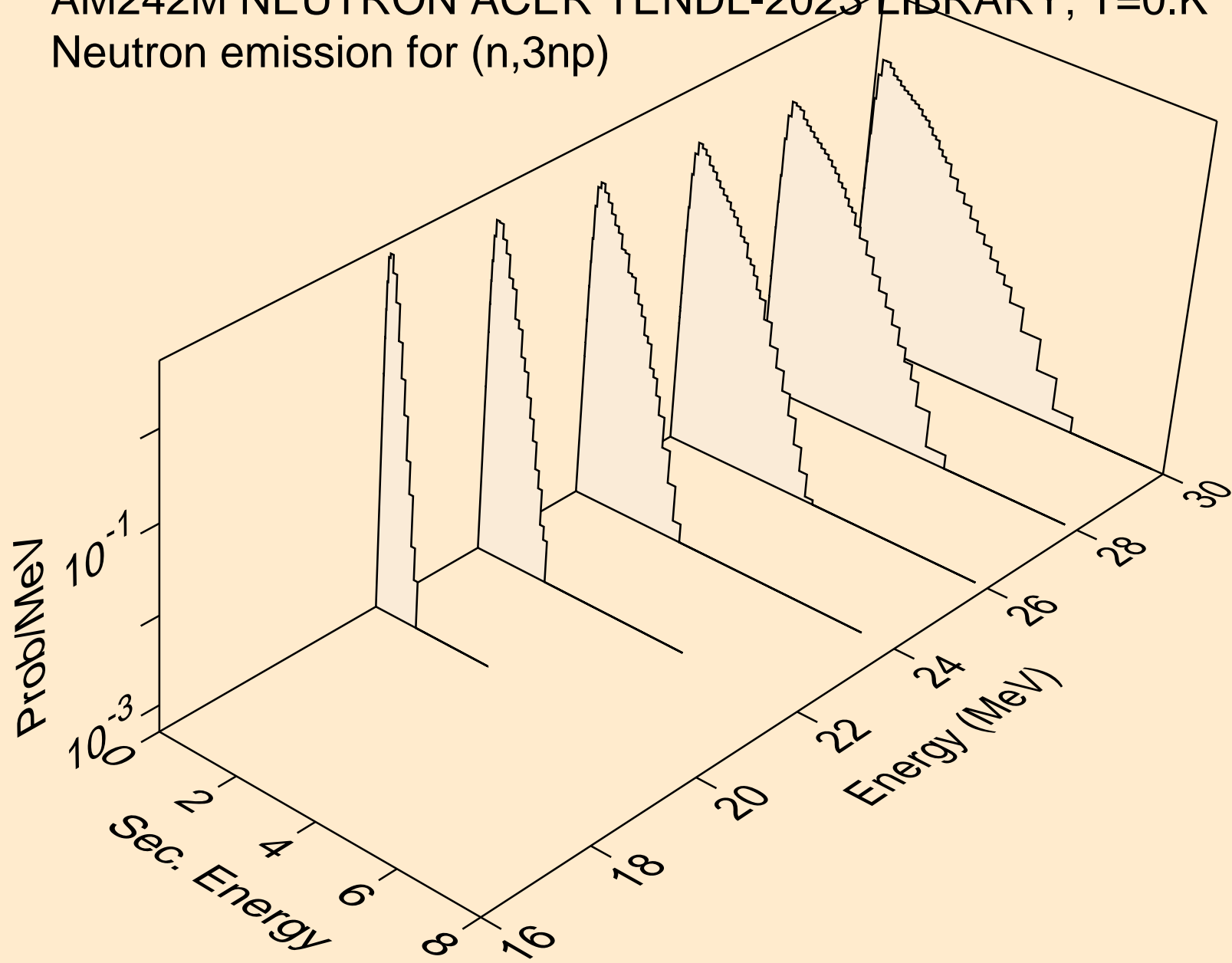


AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

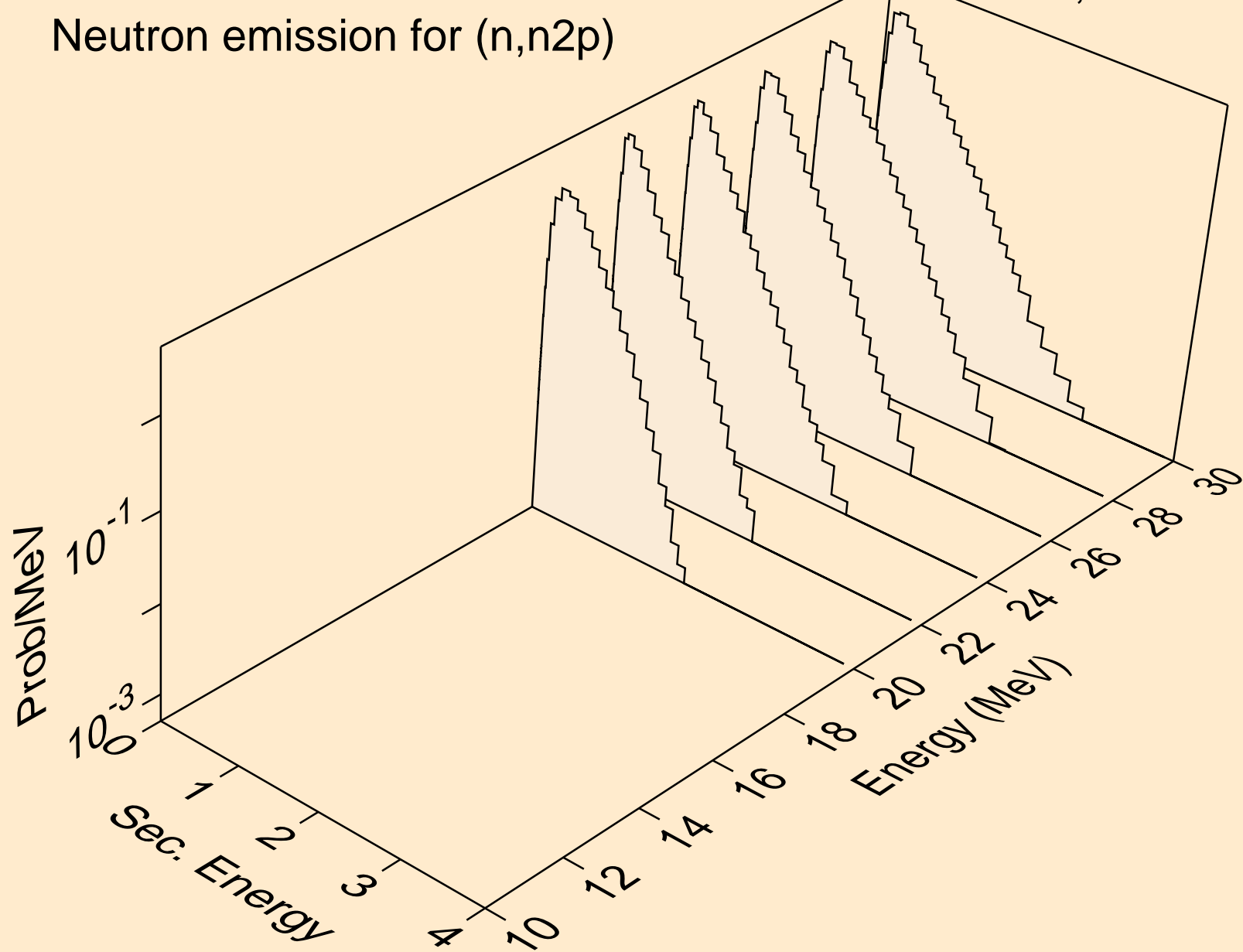




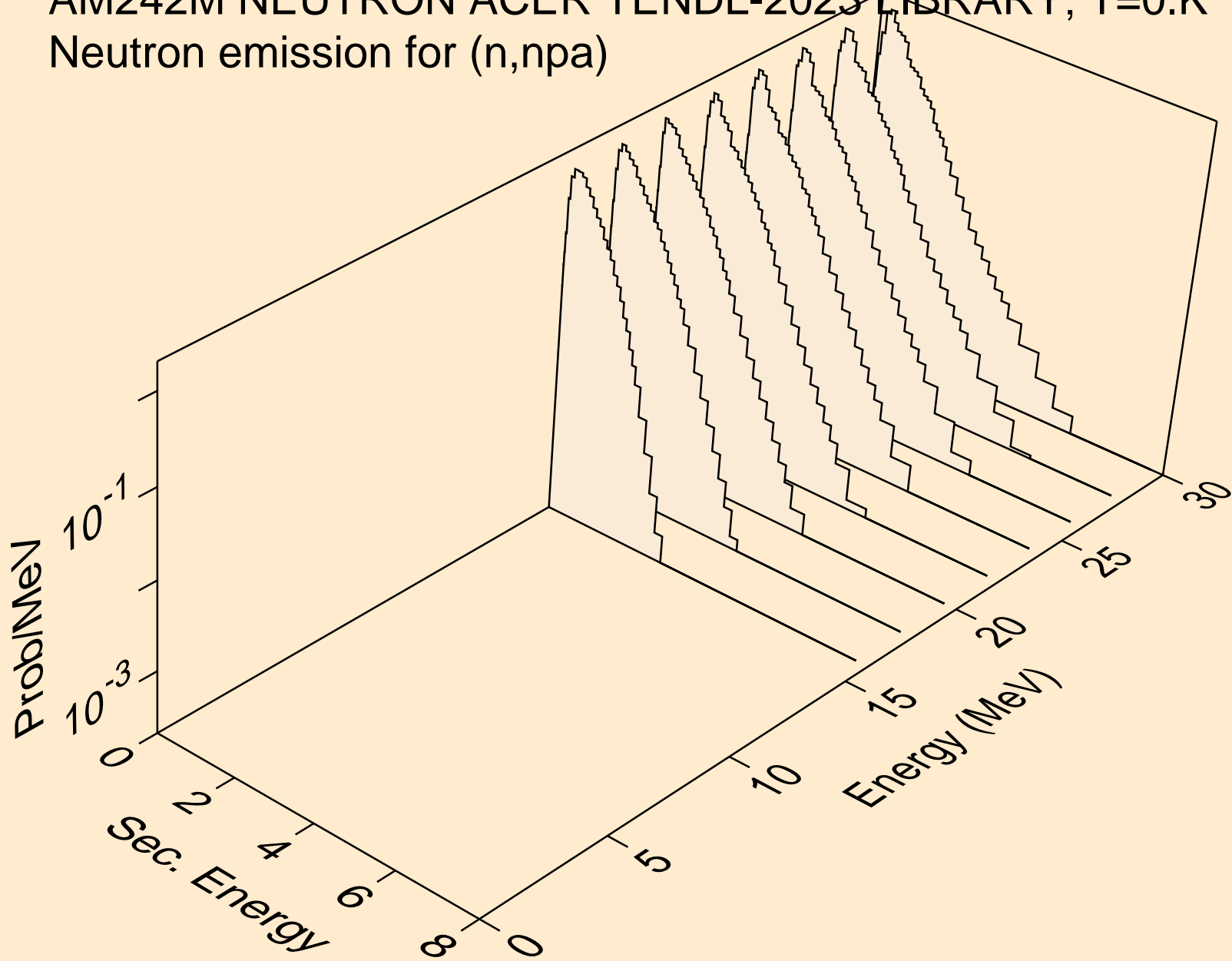
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Neutron emission for (n,3np)



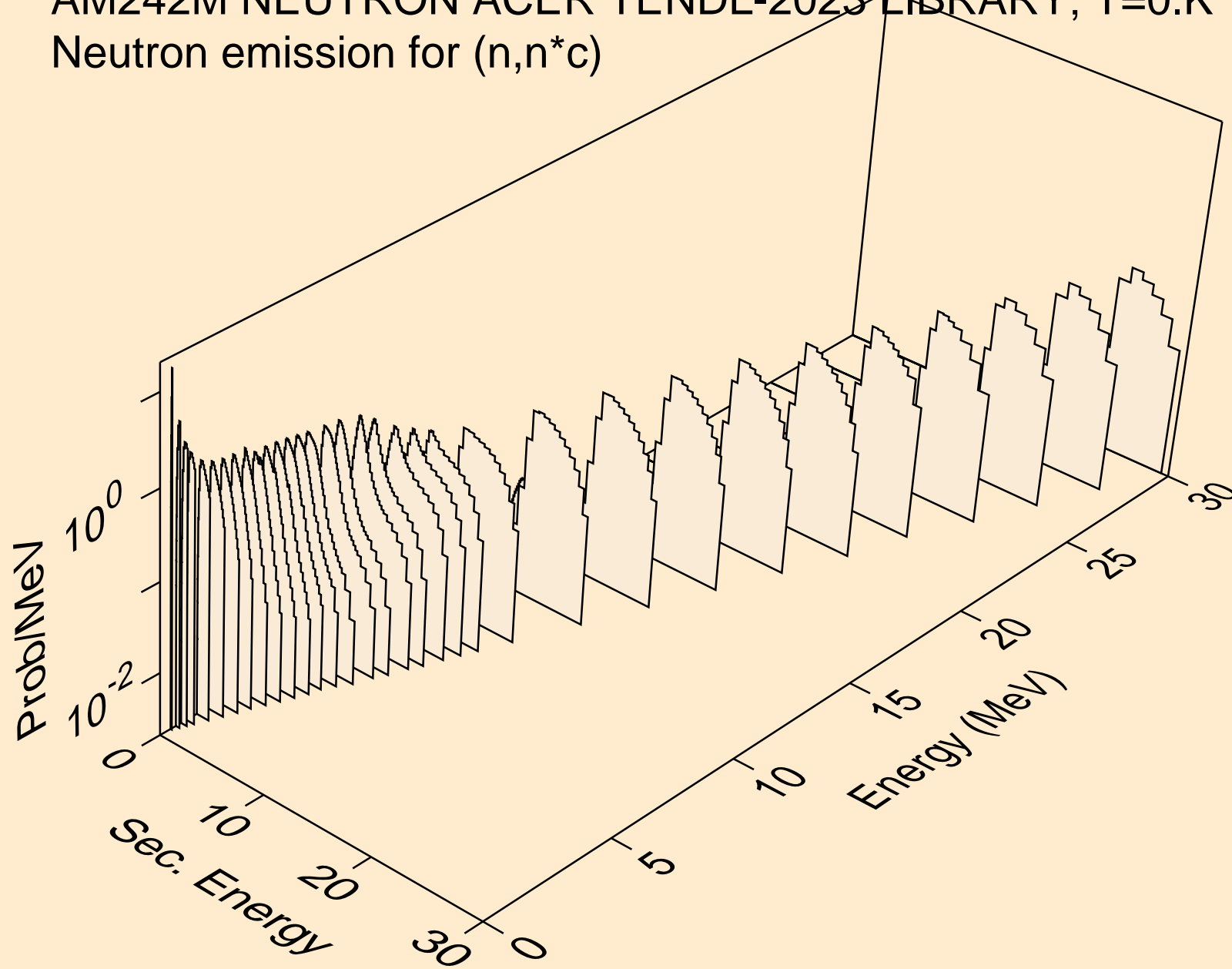
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

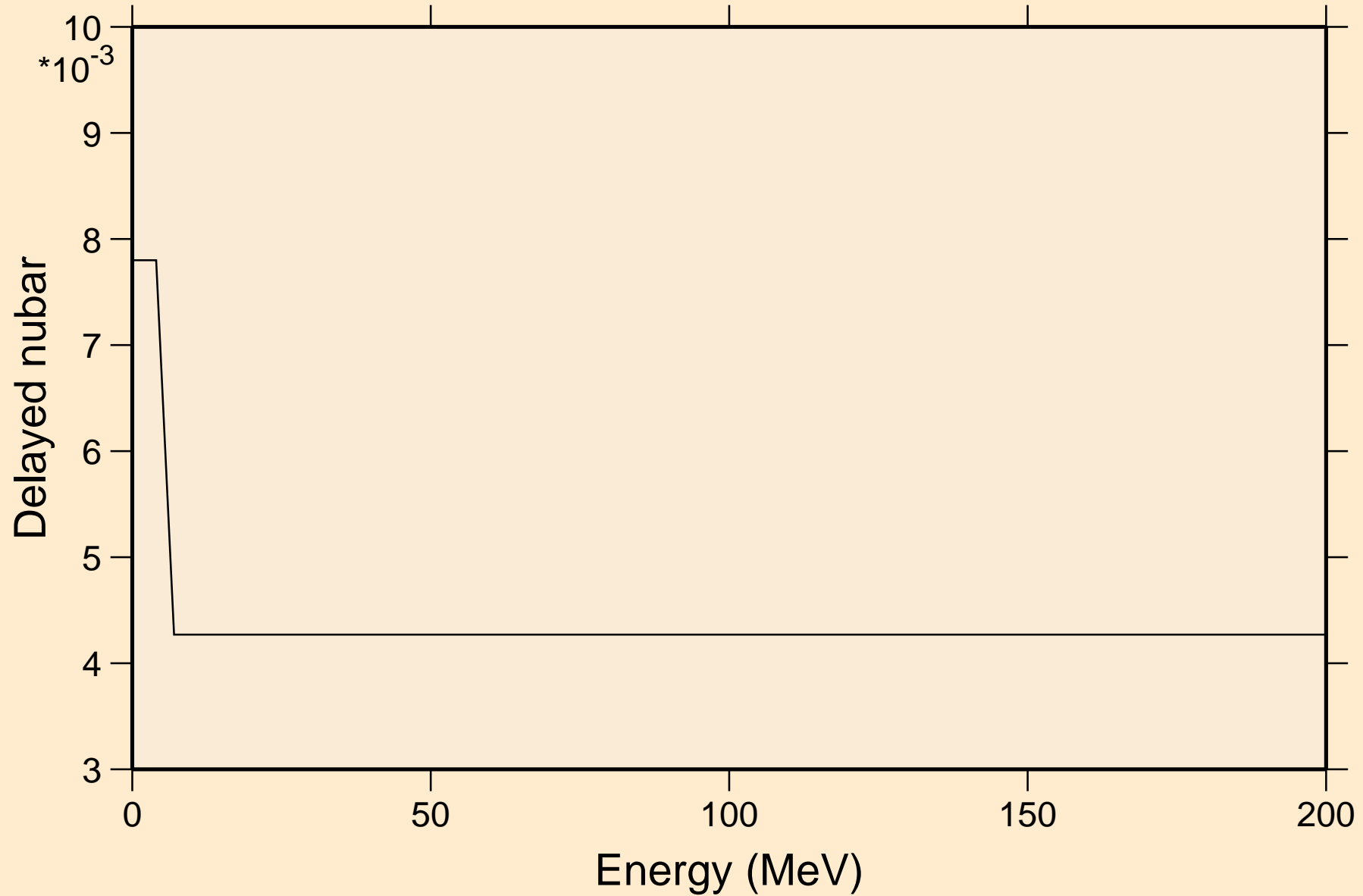


AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



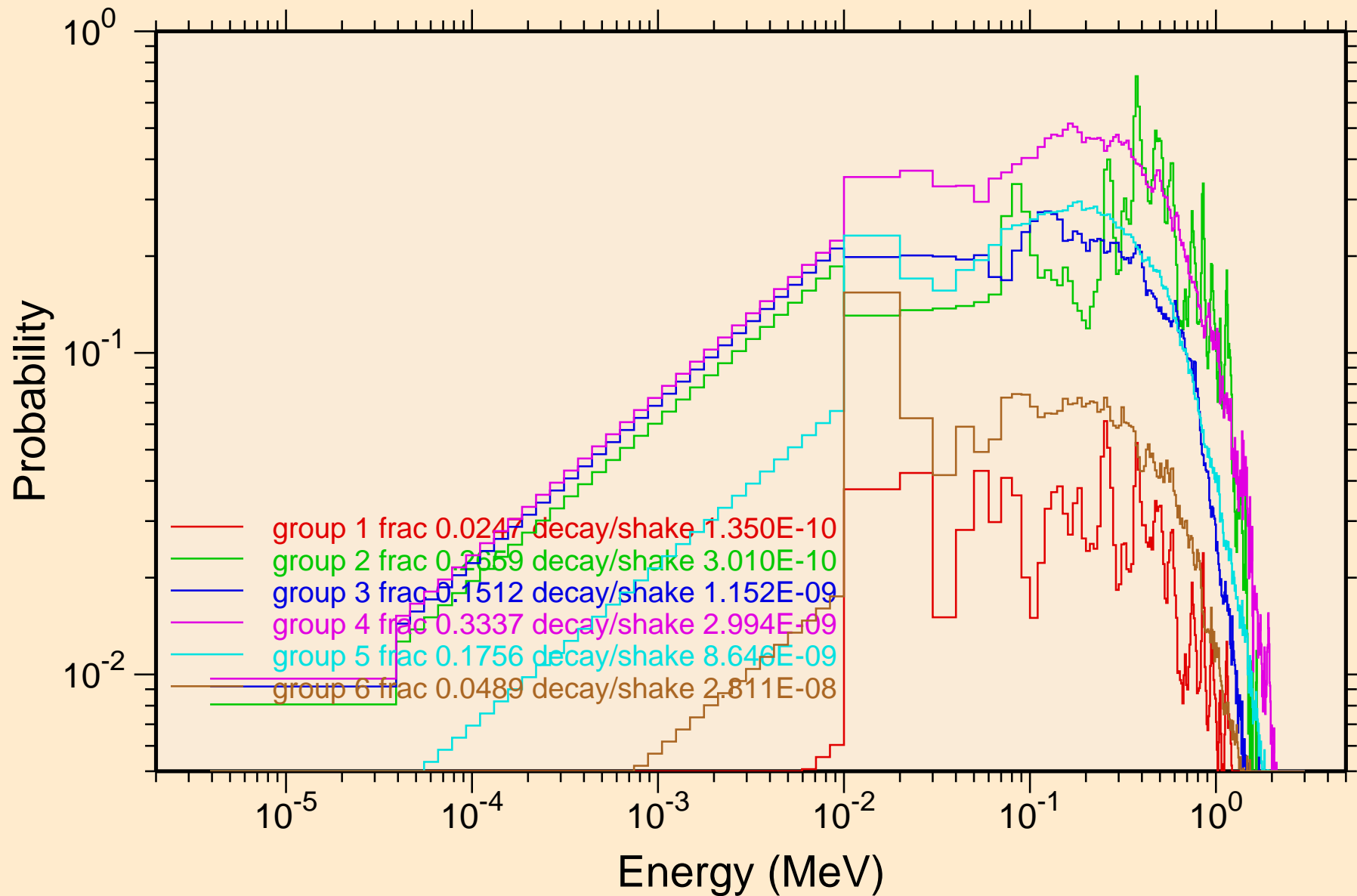
# AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar

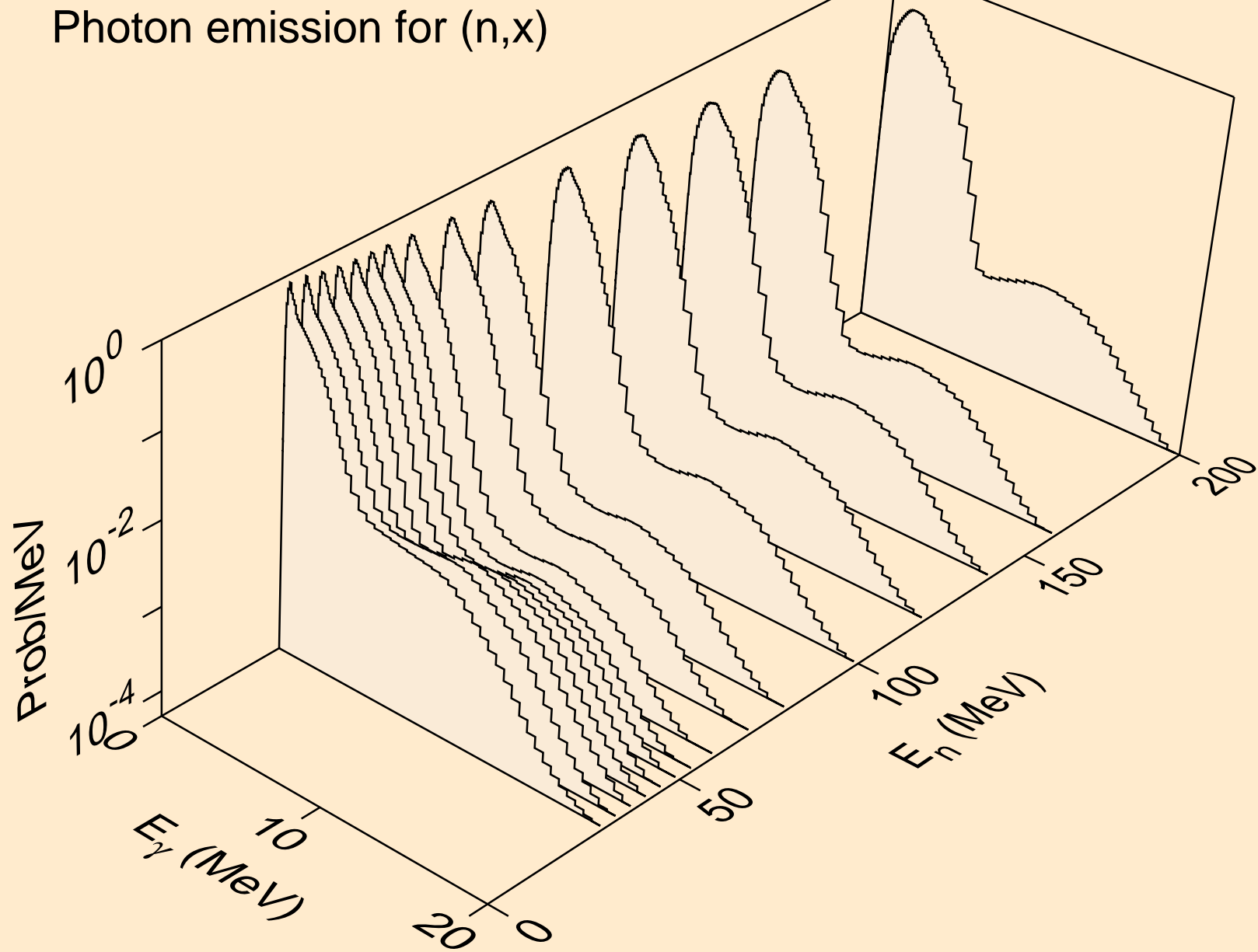


# AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

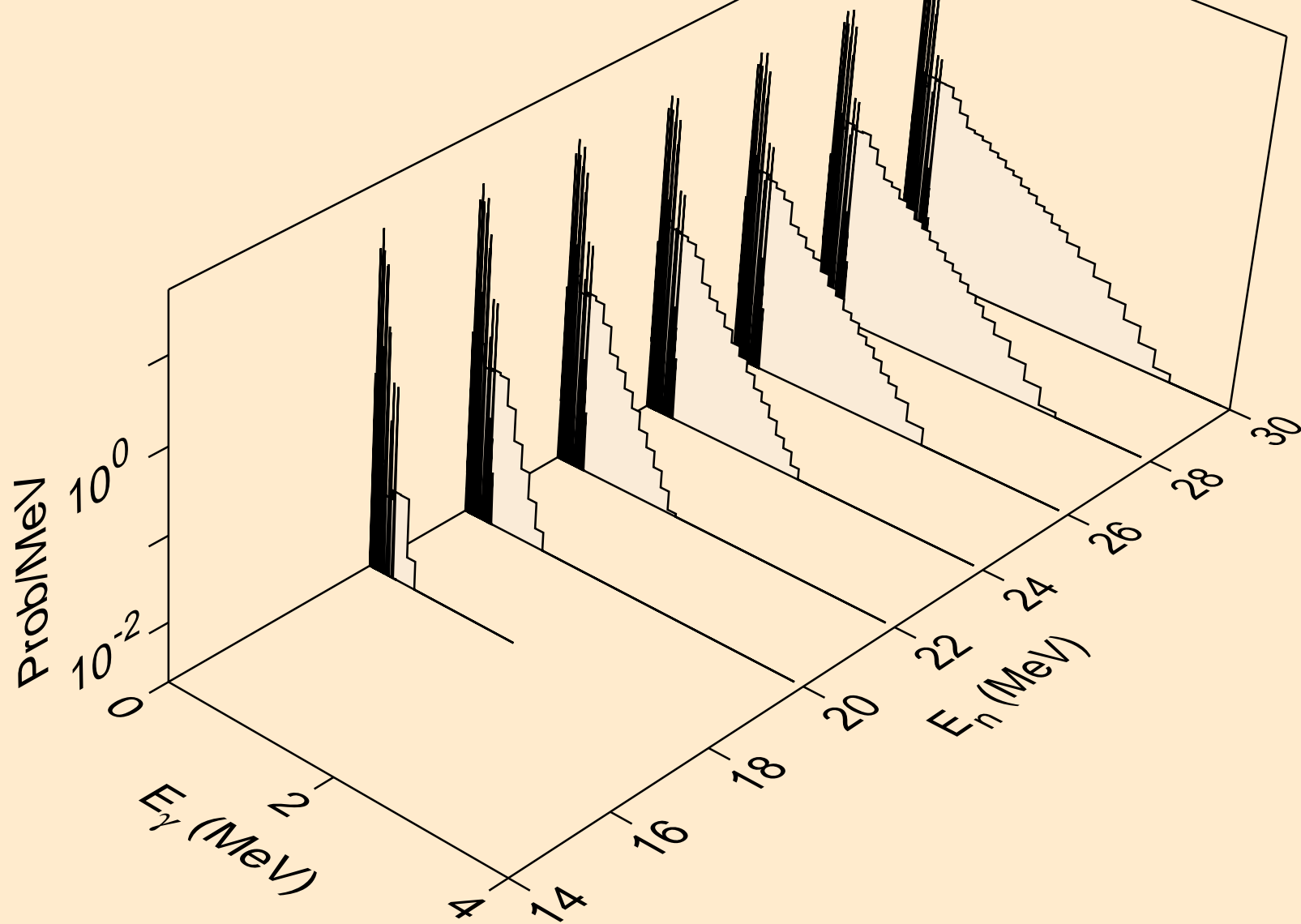
## Delayed neutron spectra



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

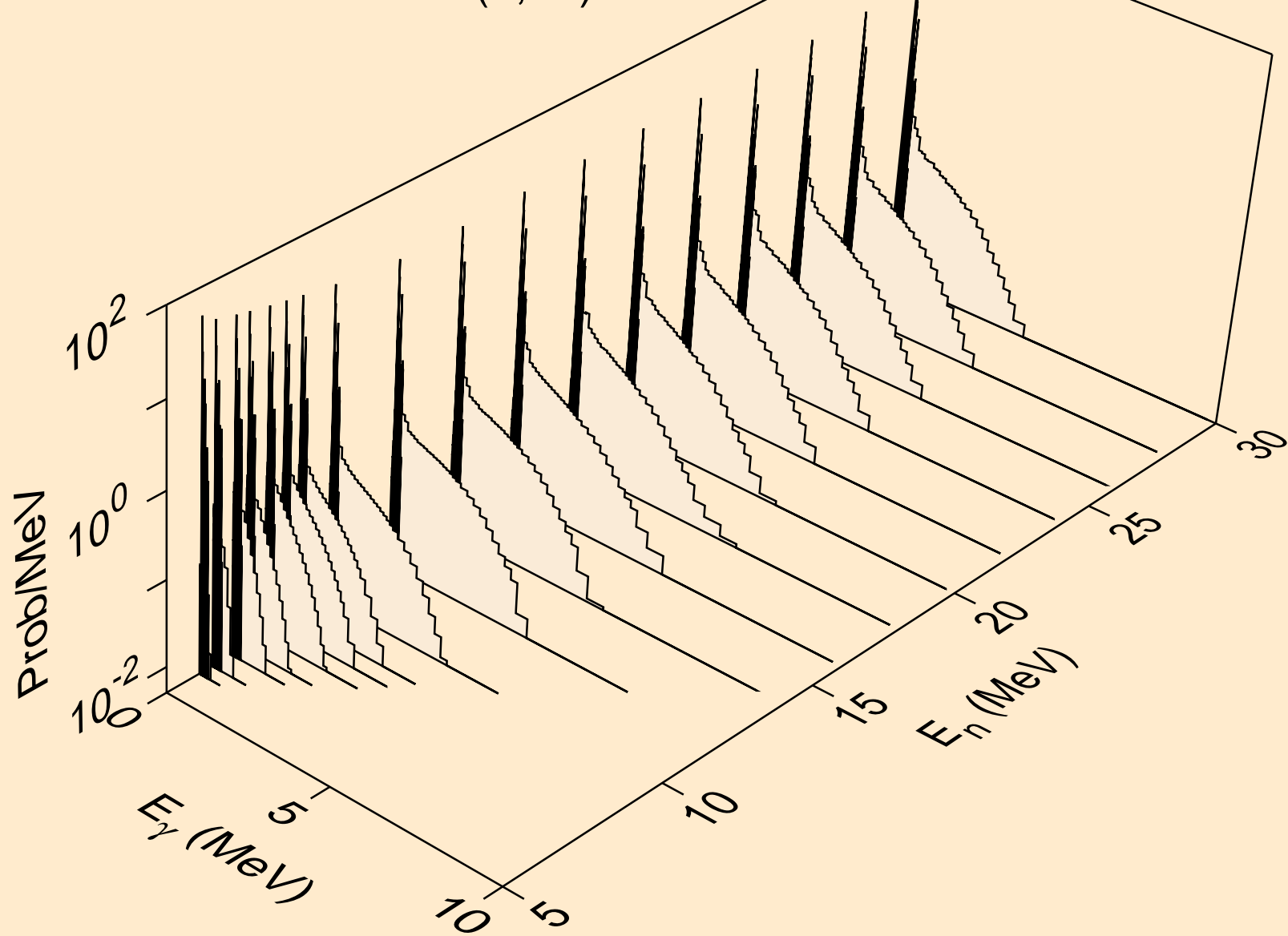


AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

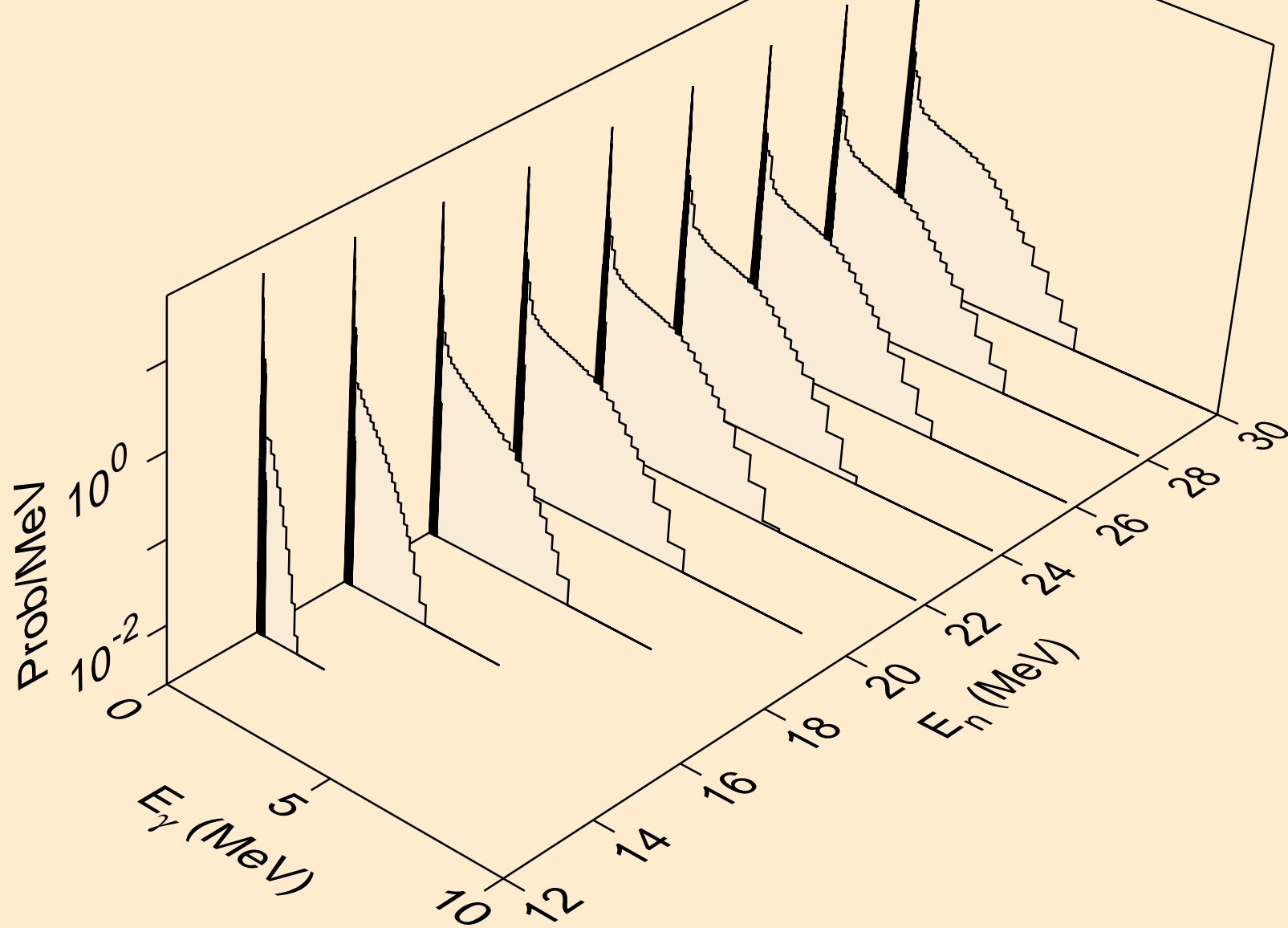




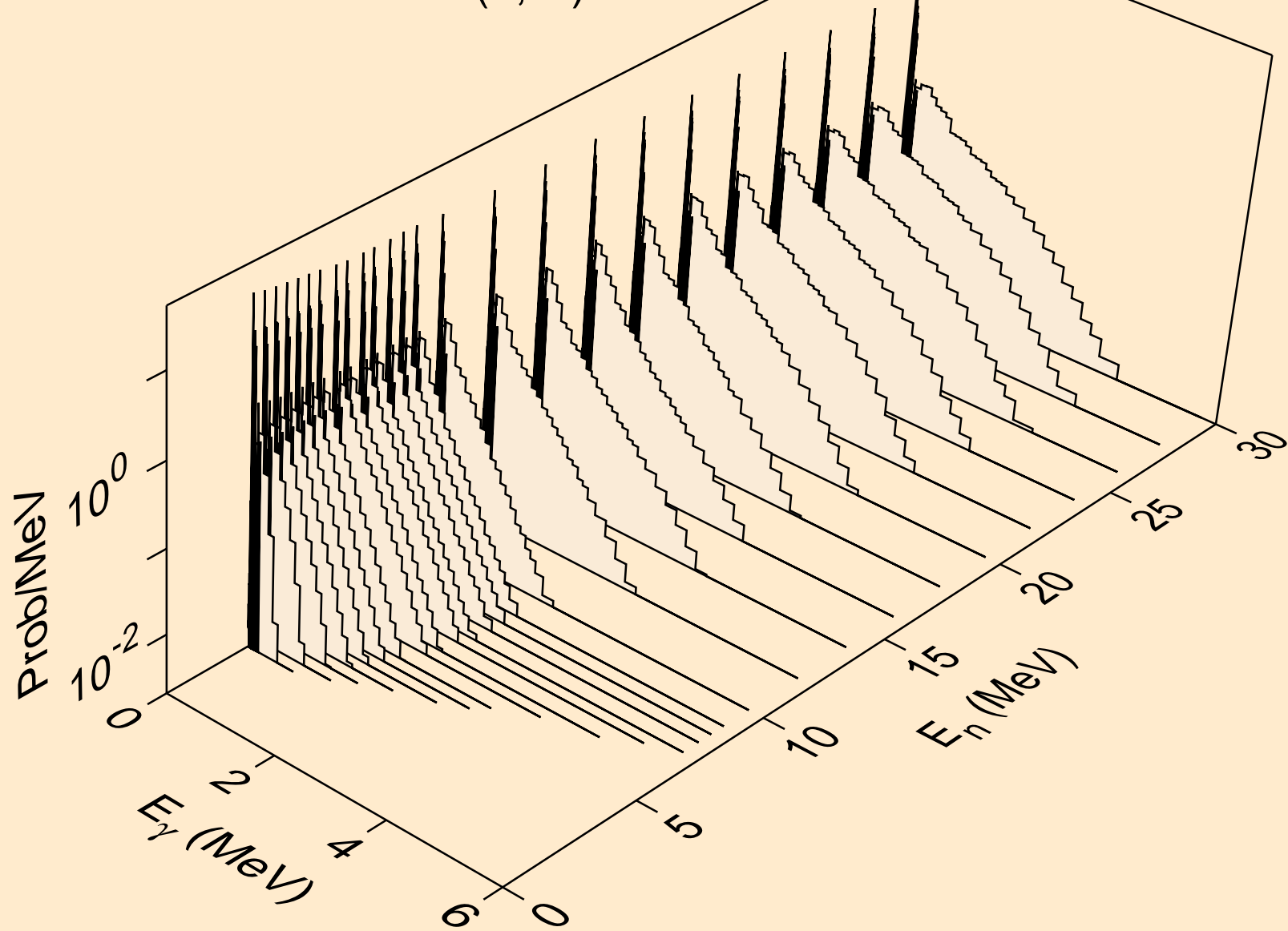
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



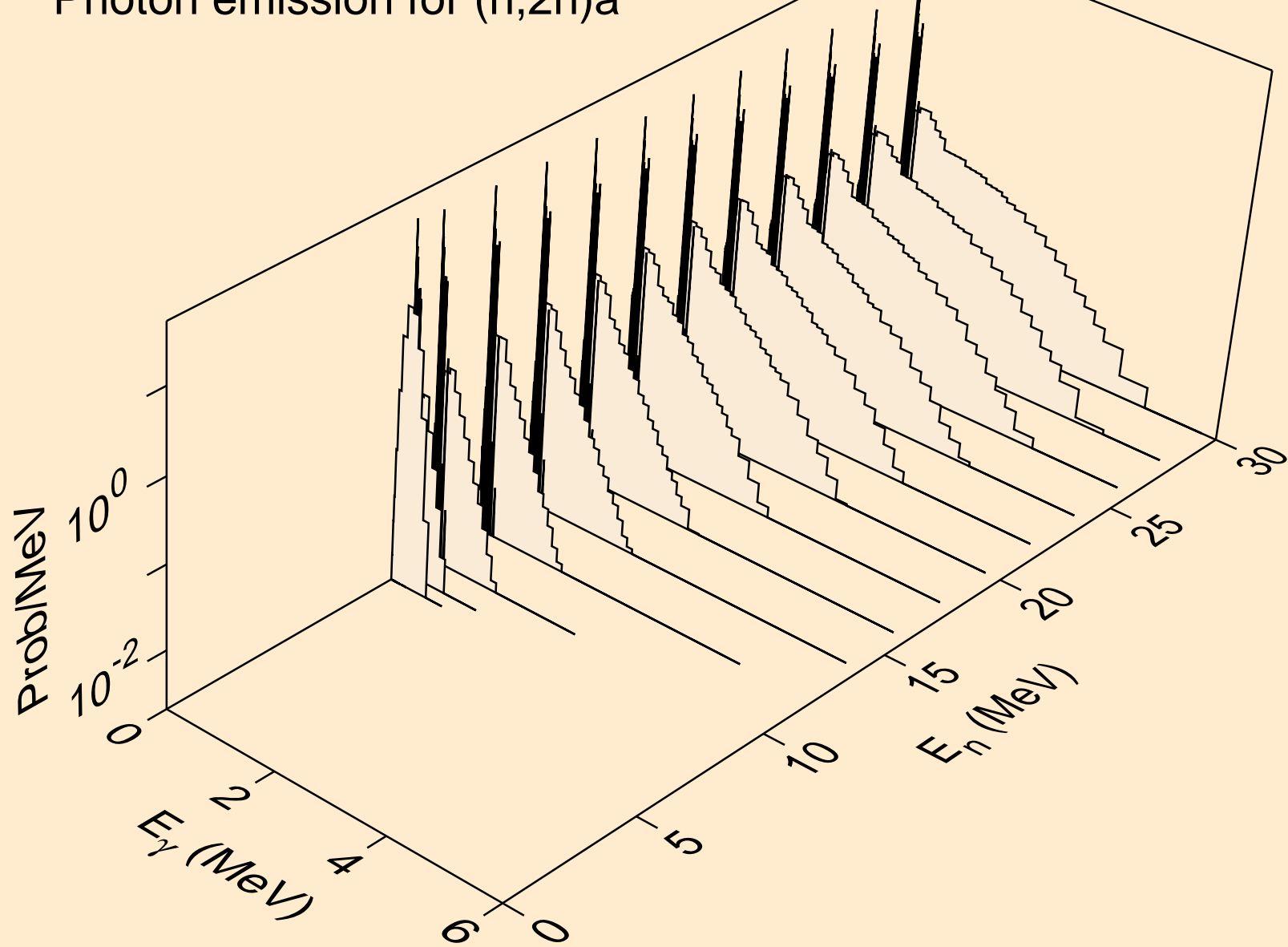
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



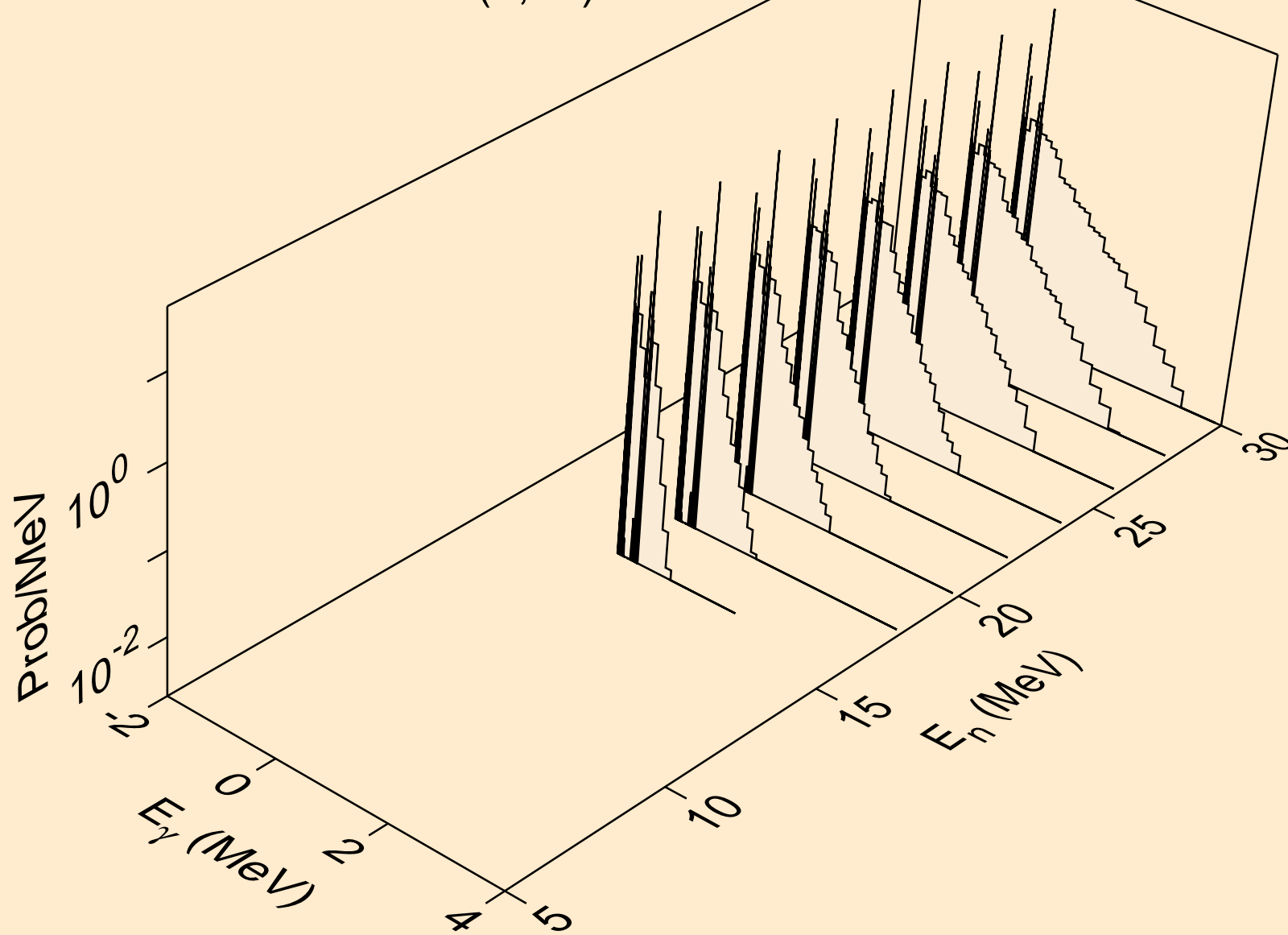
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



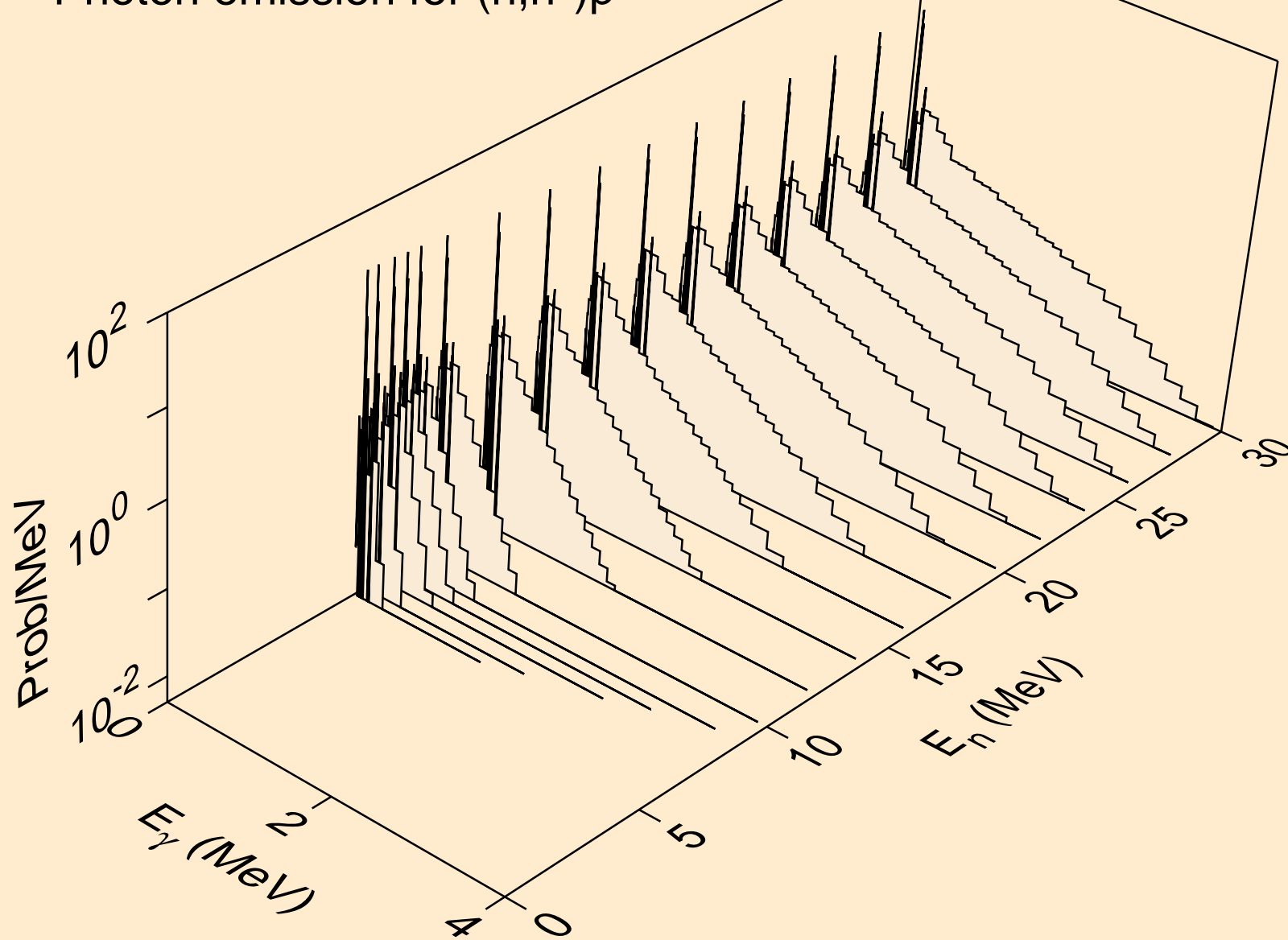
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



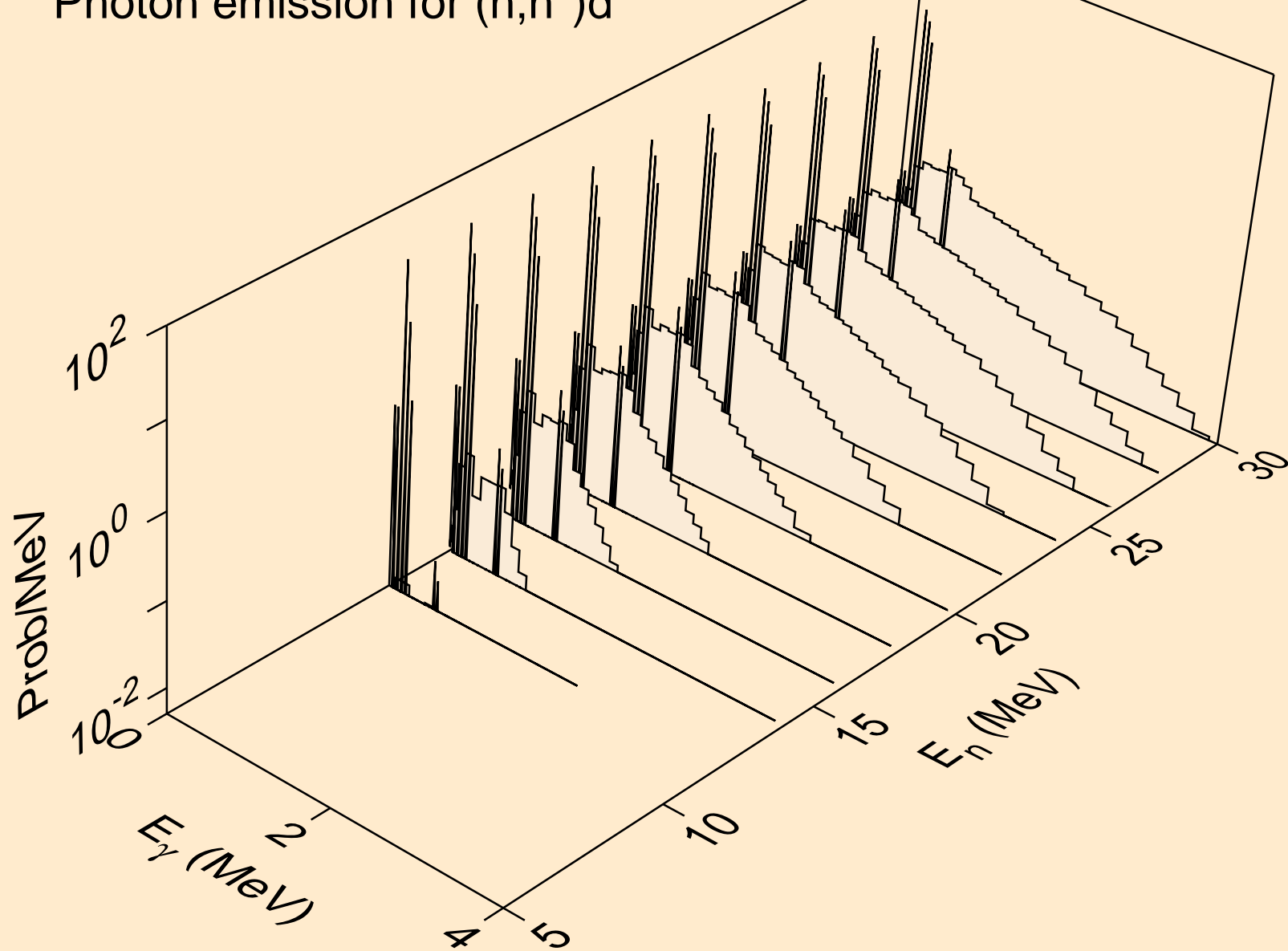
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Photon emission for (n,3n)a



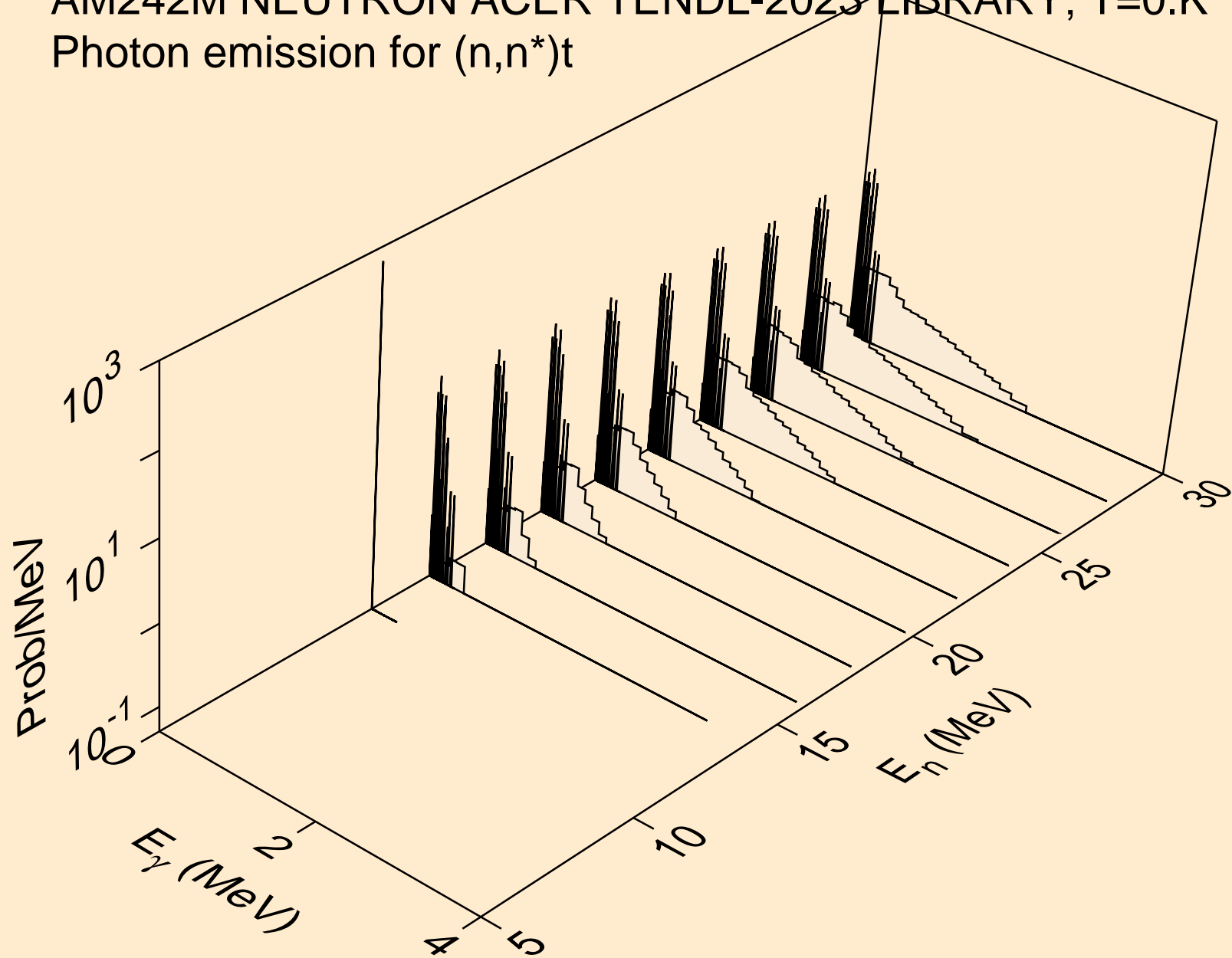
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

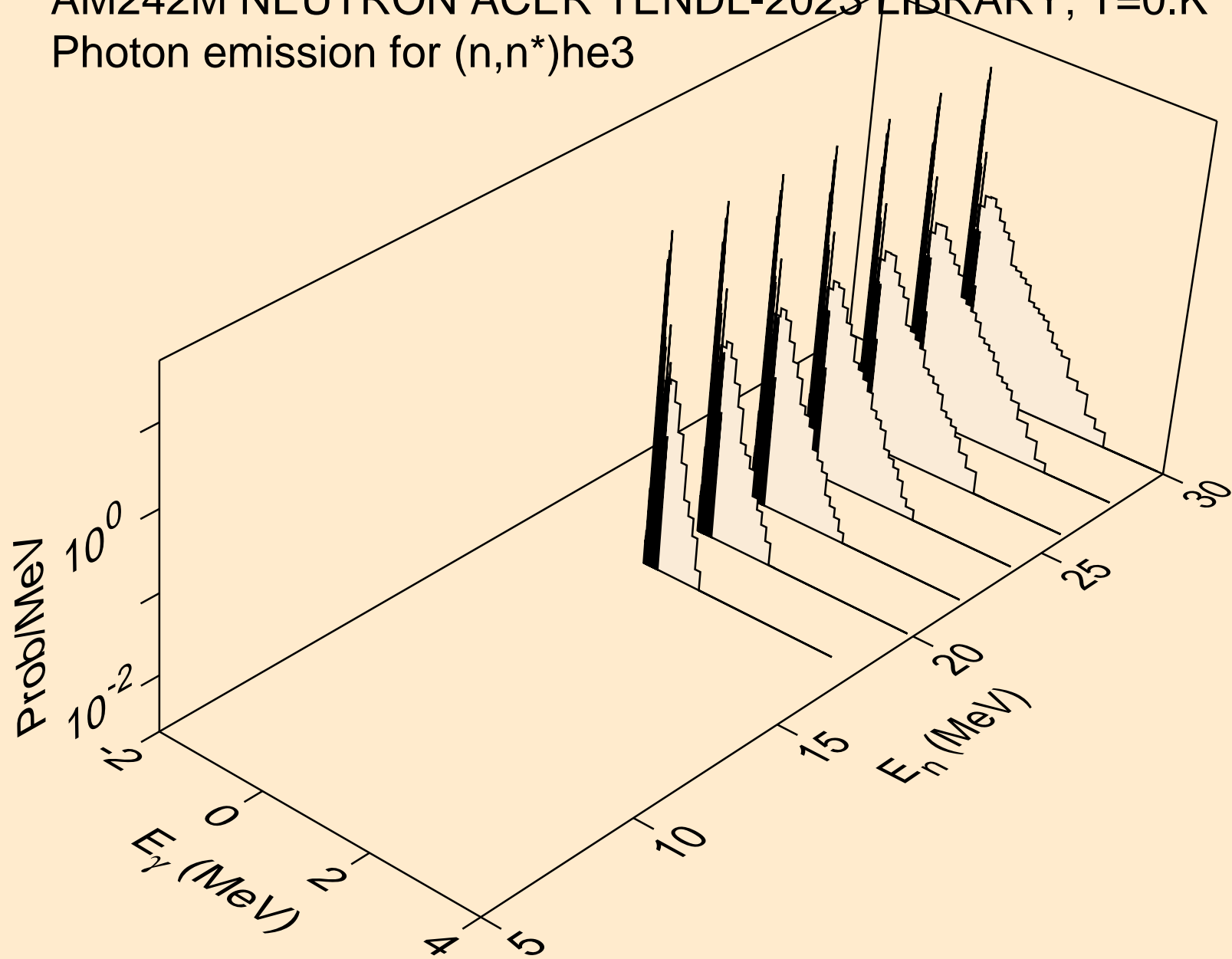


AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

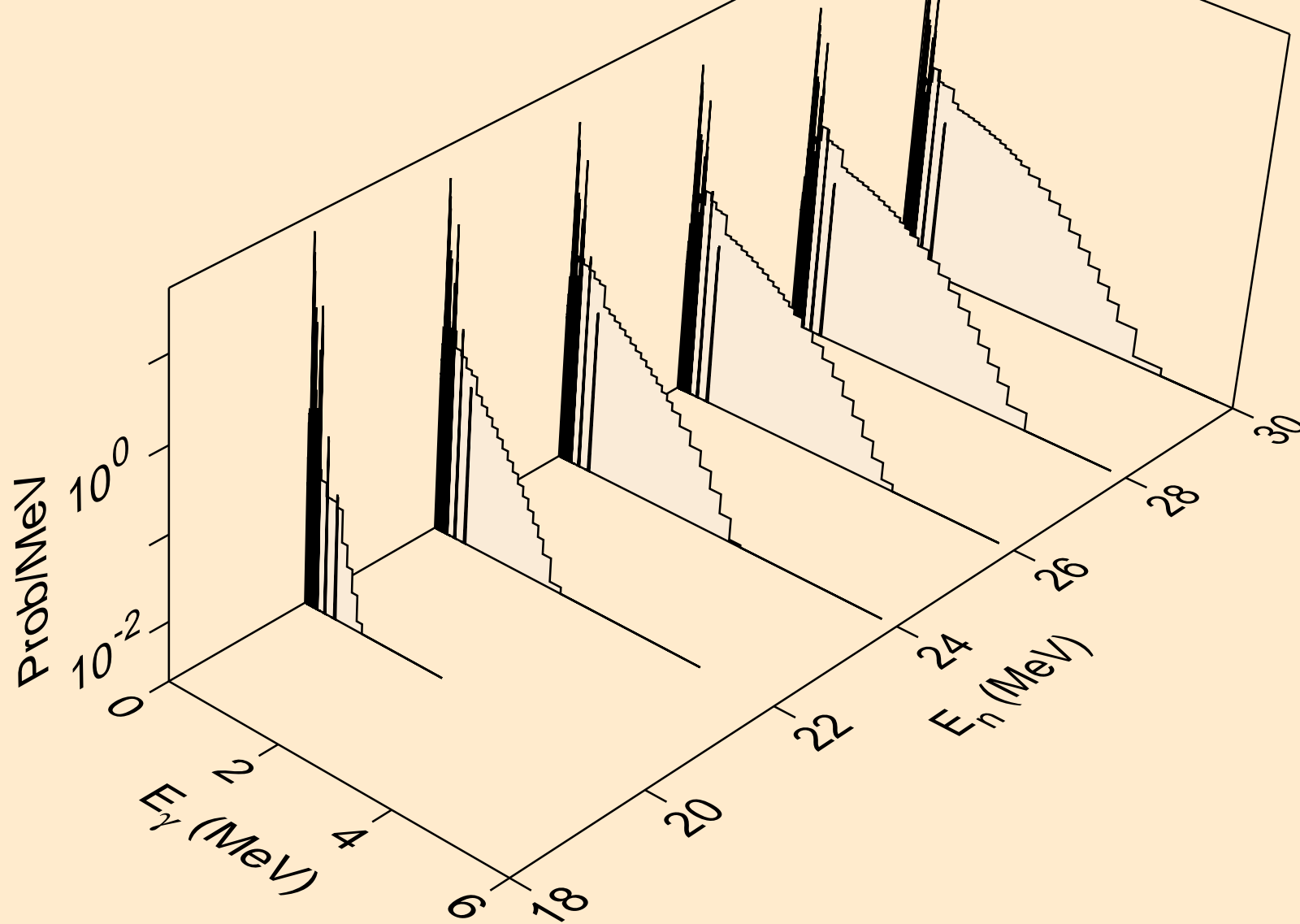




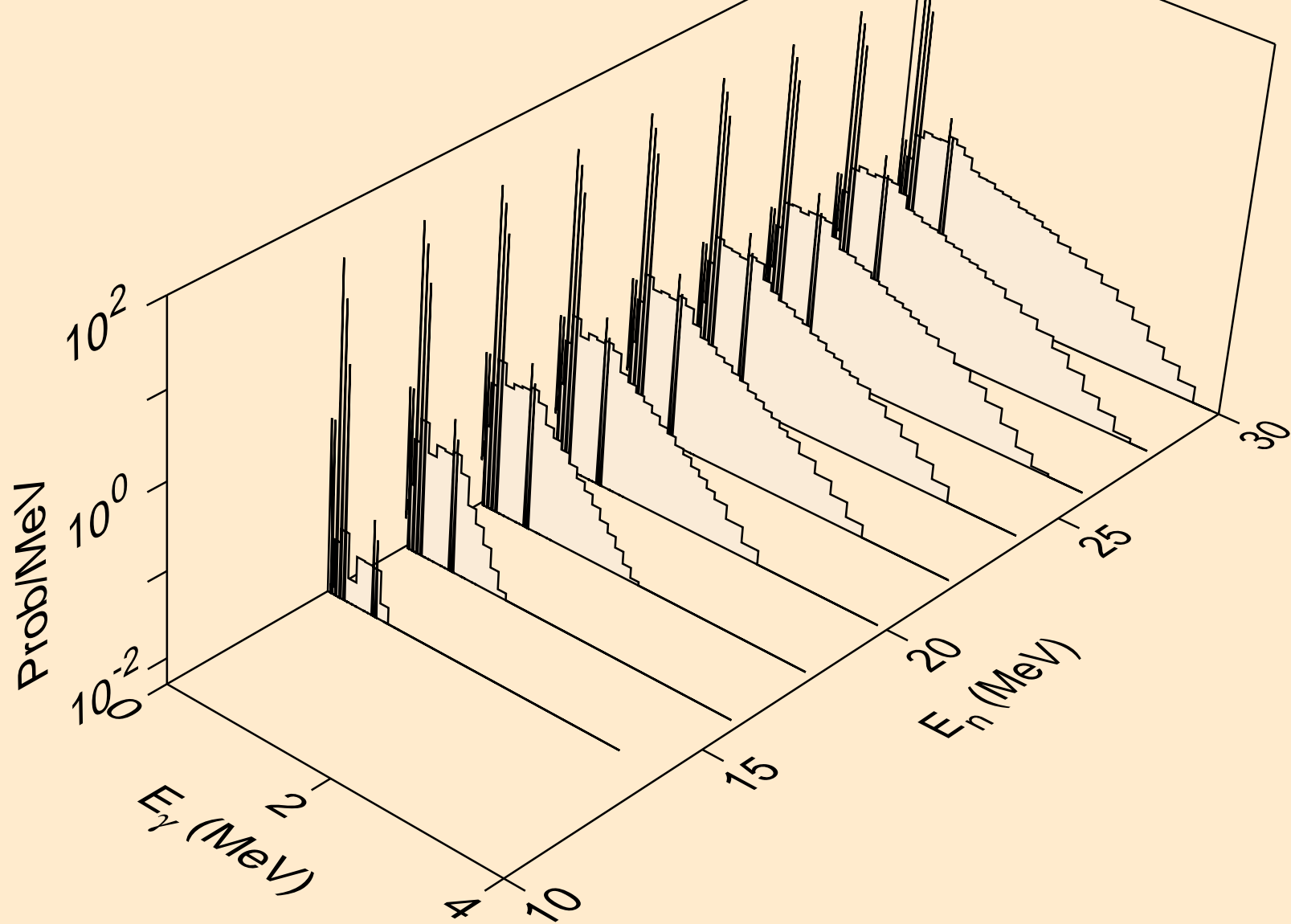
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



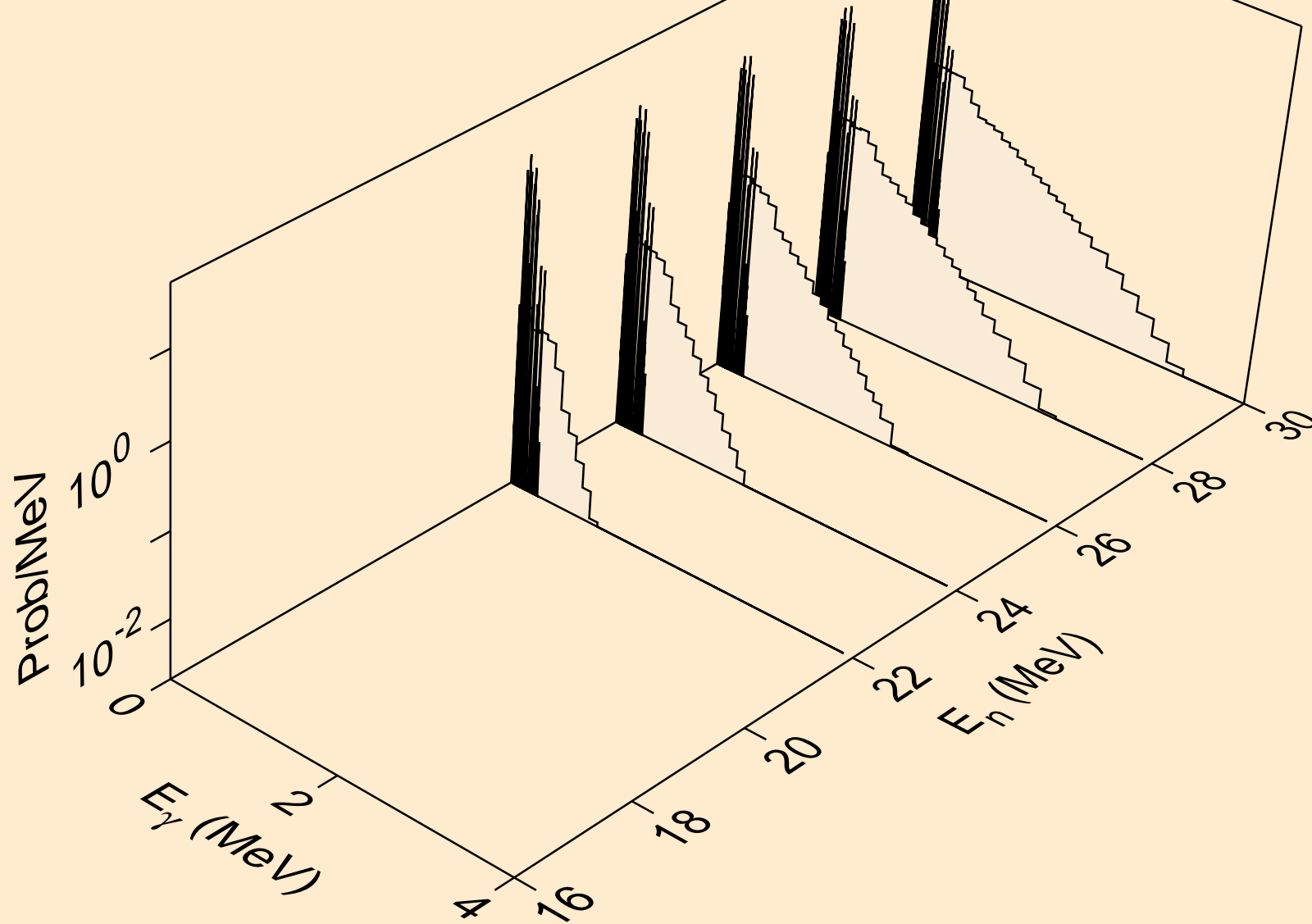
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



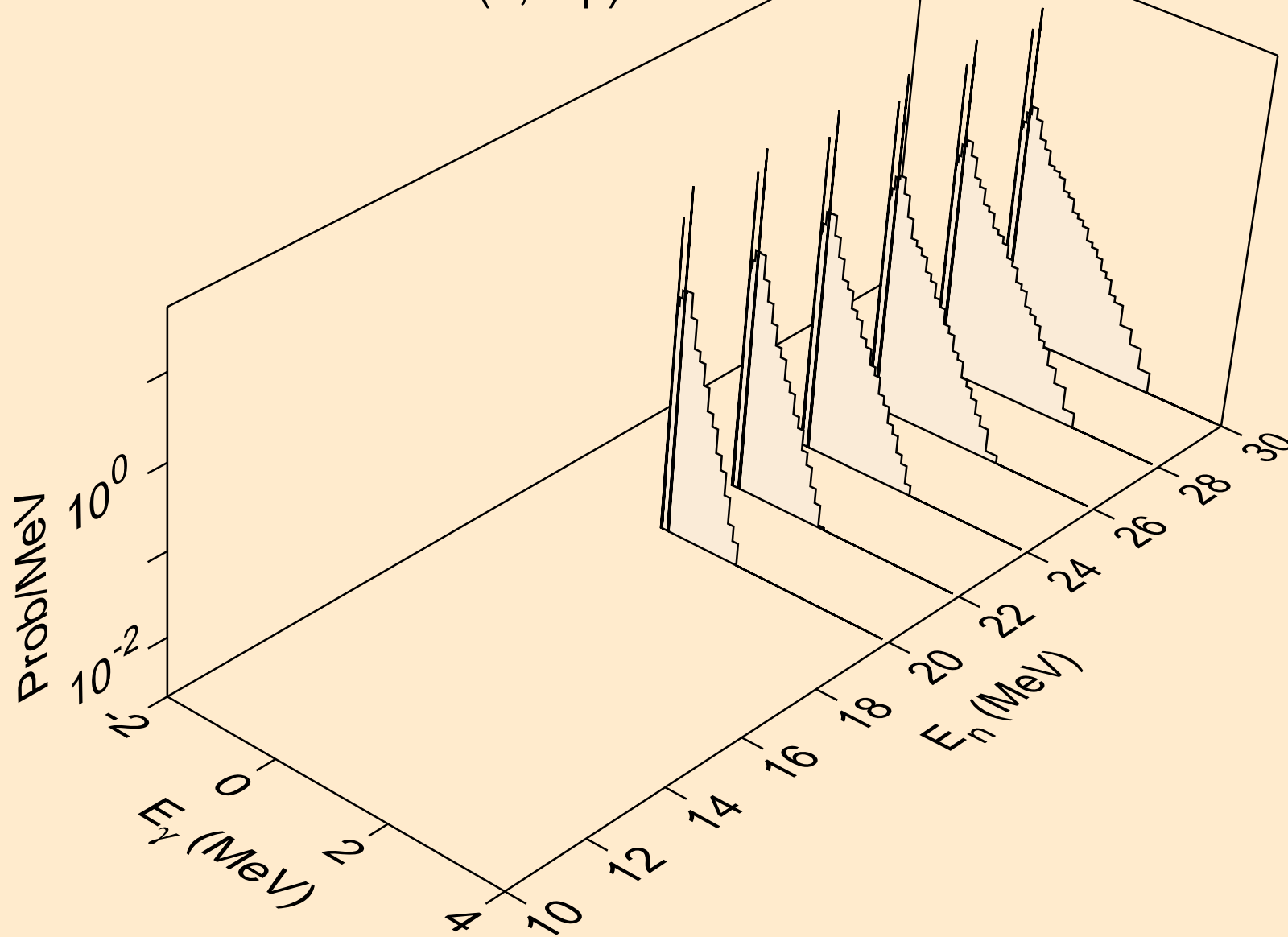
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



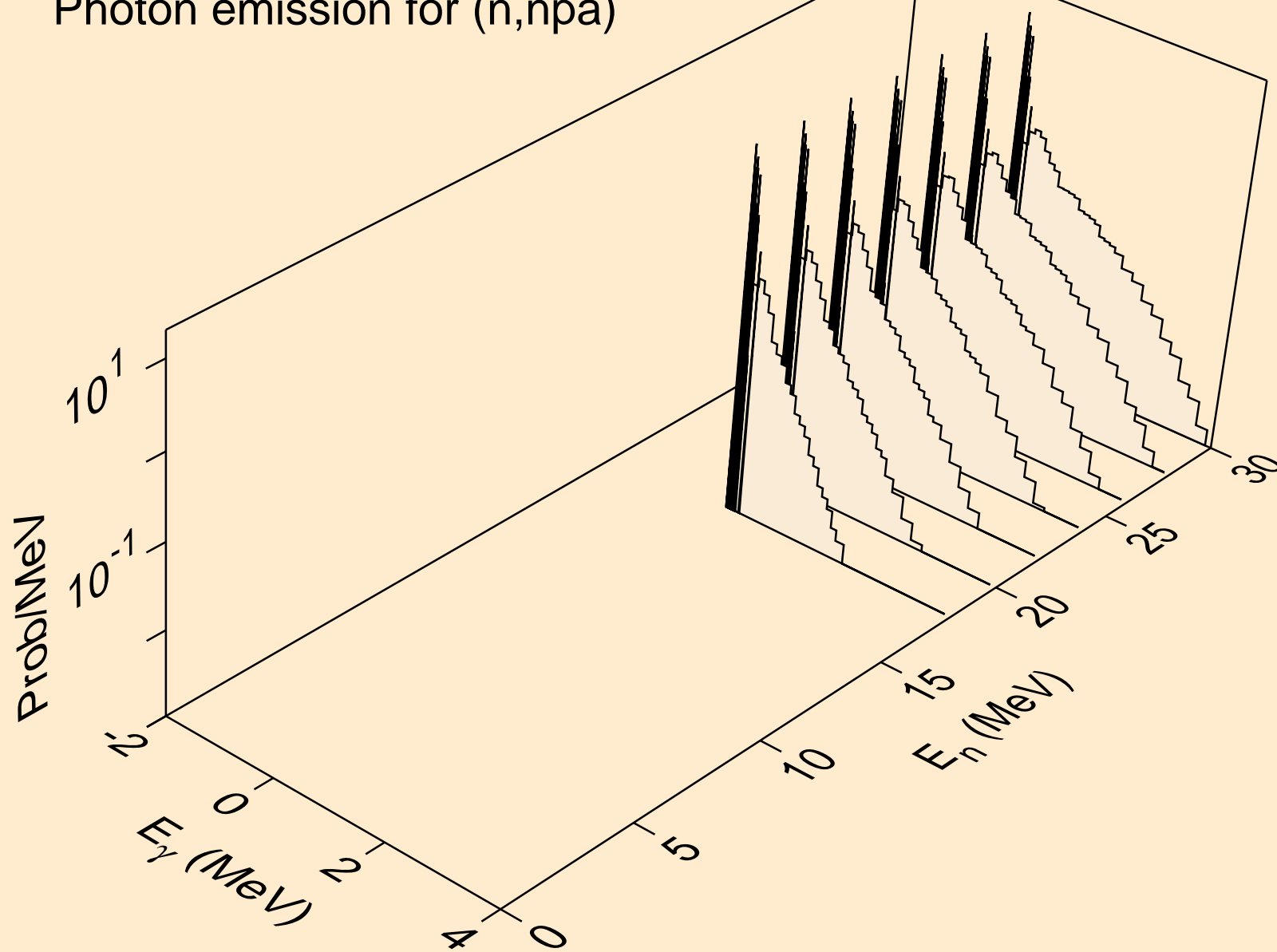
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



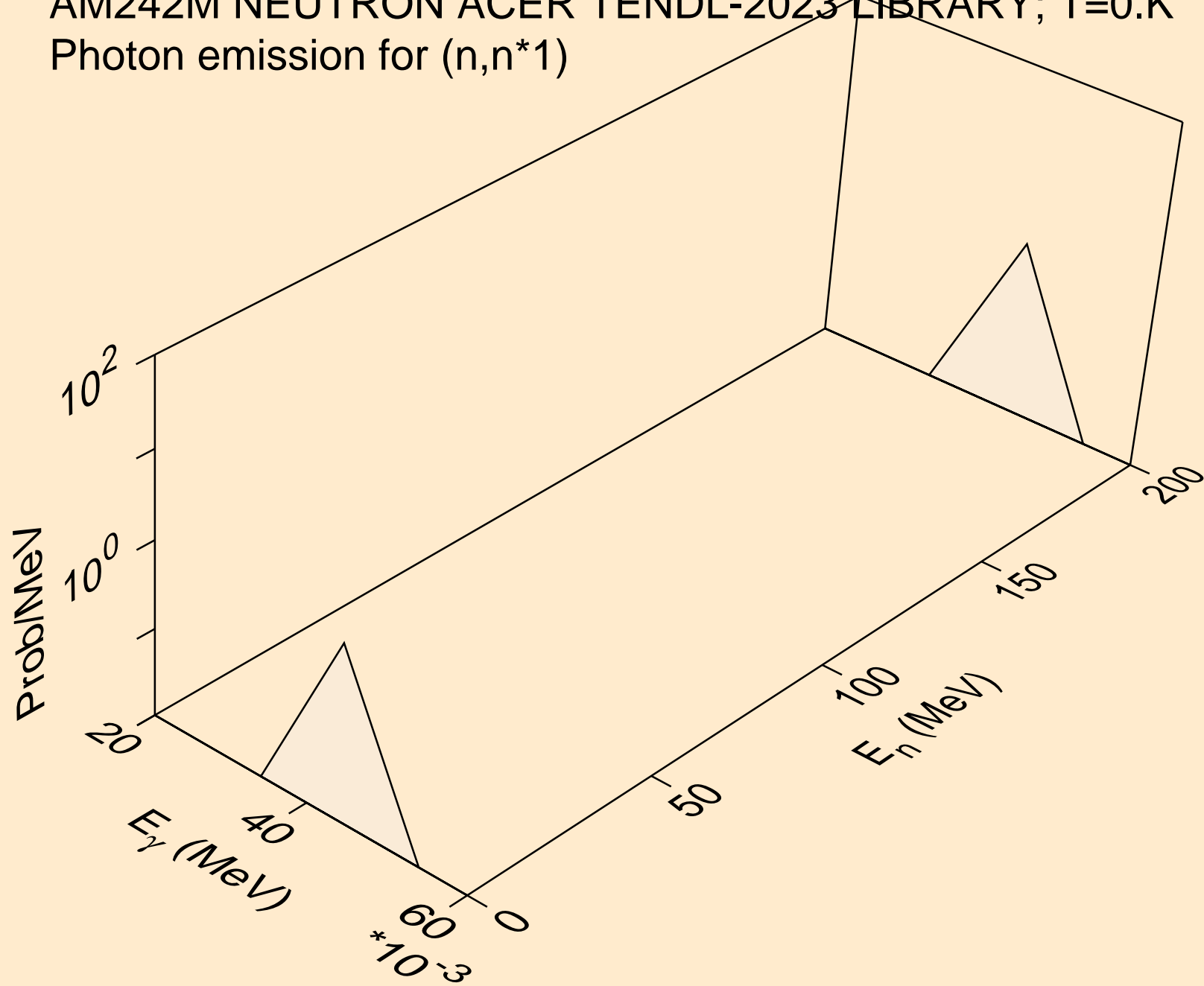
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Photon emission for (n,n2p)



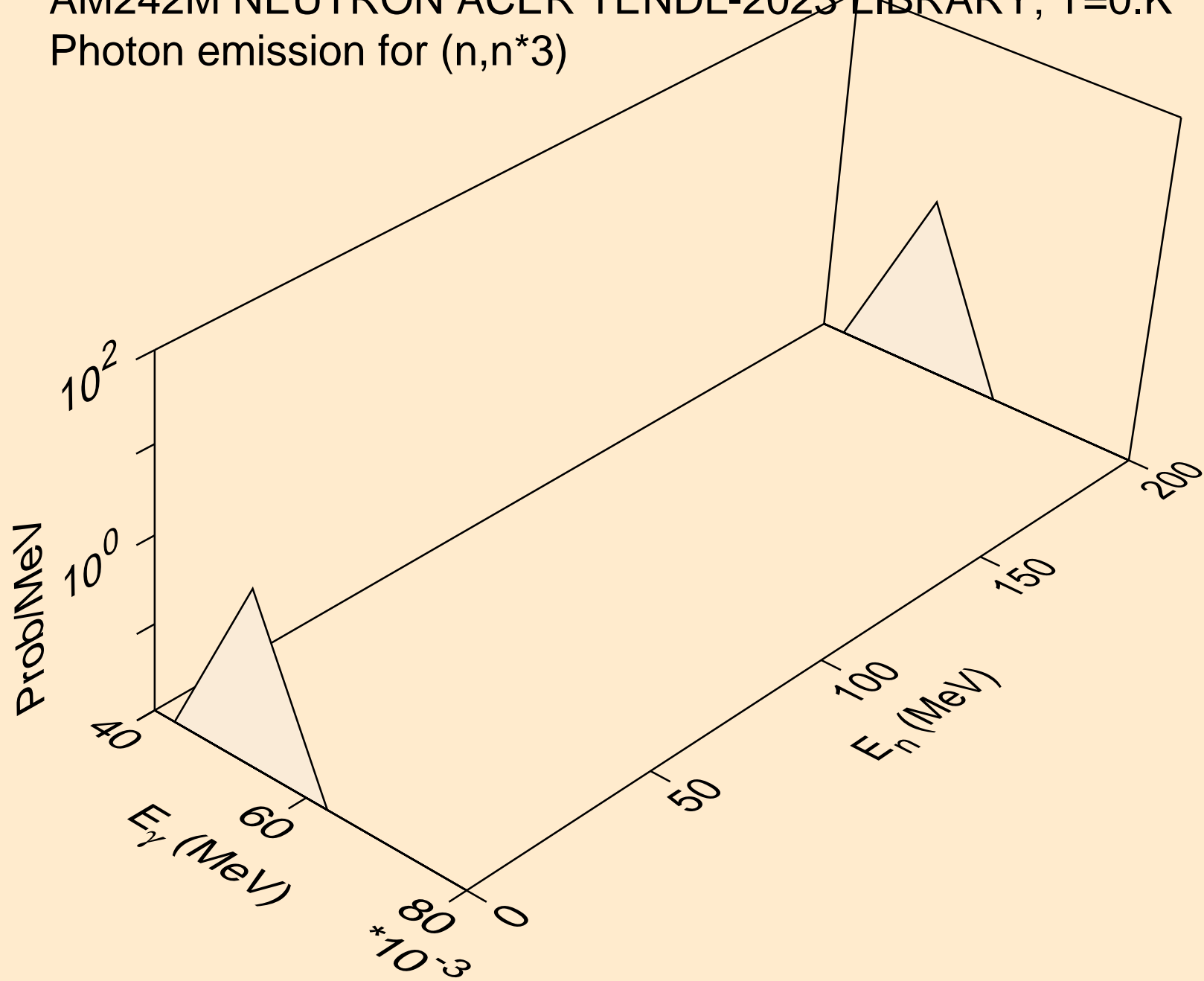
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*1)

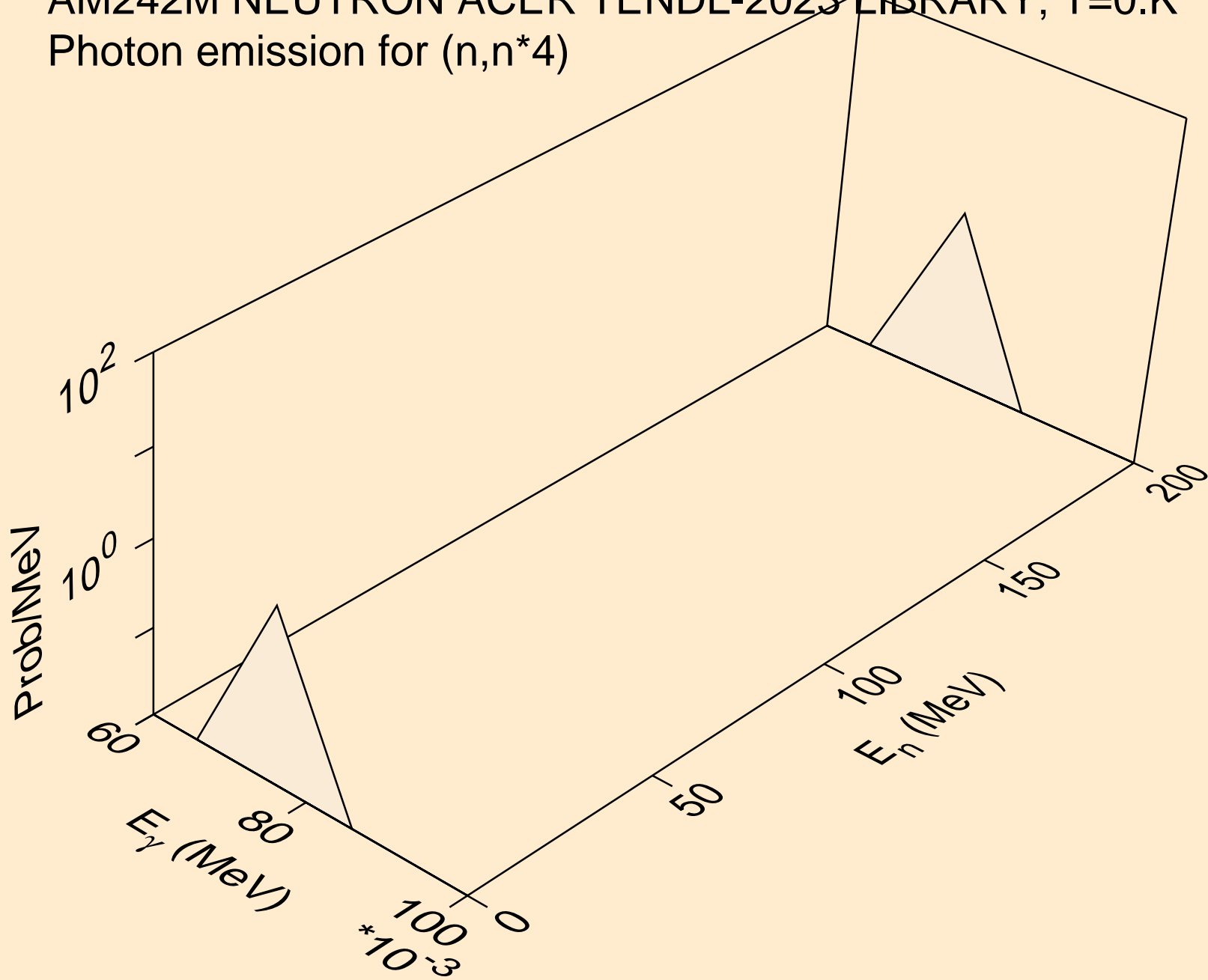


AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*3)

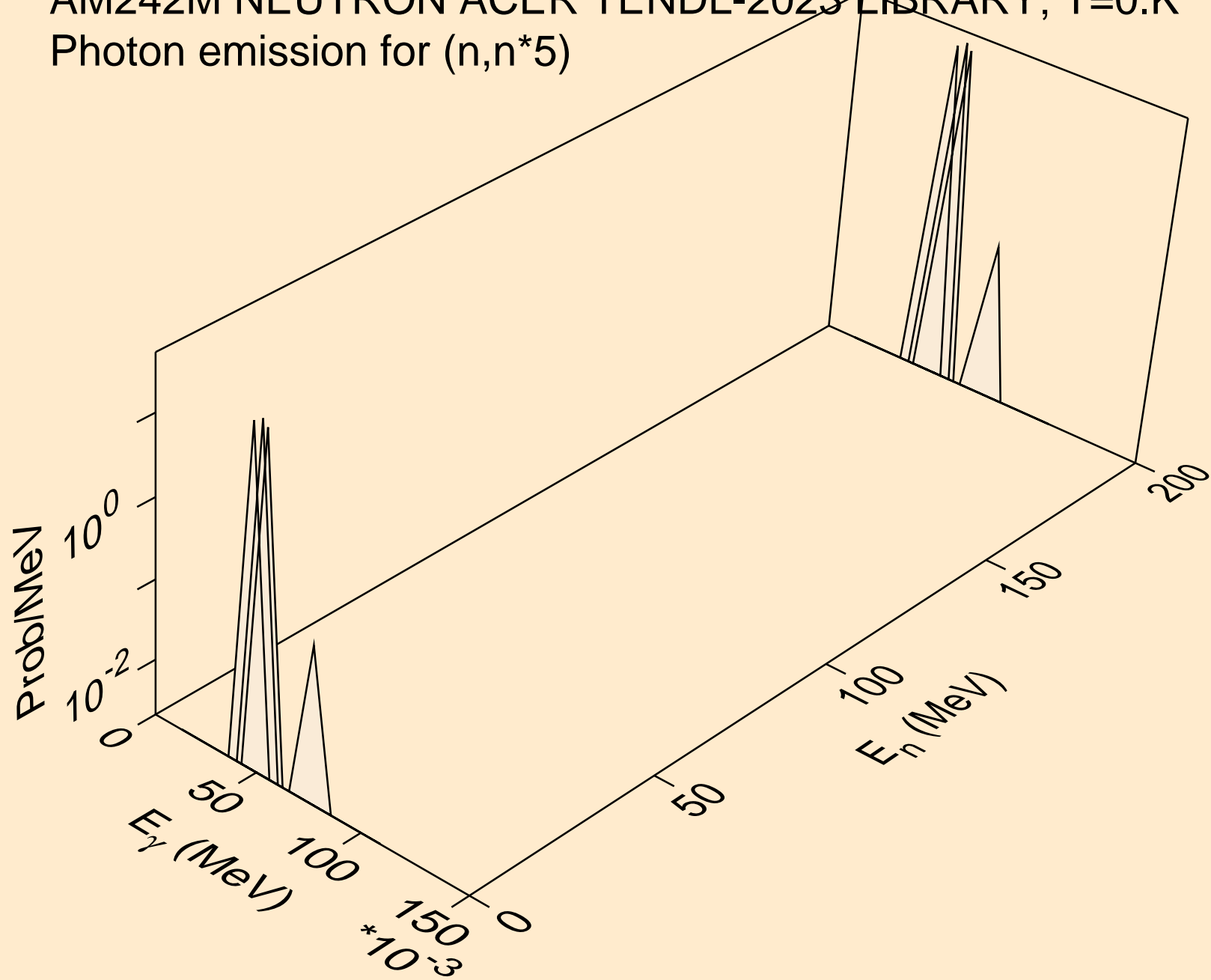




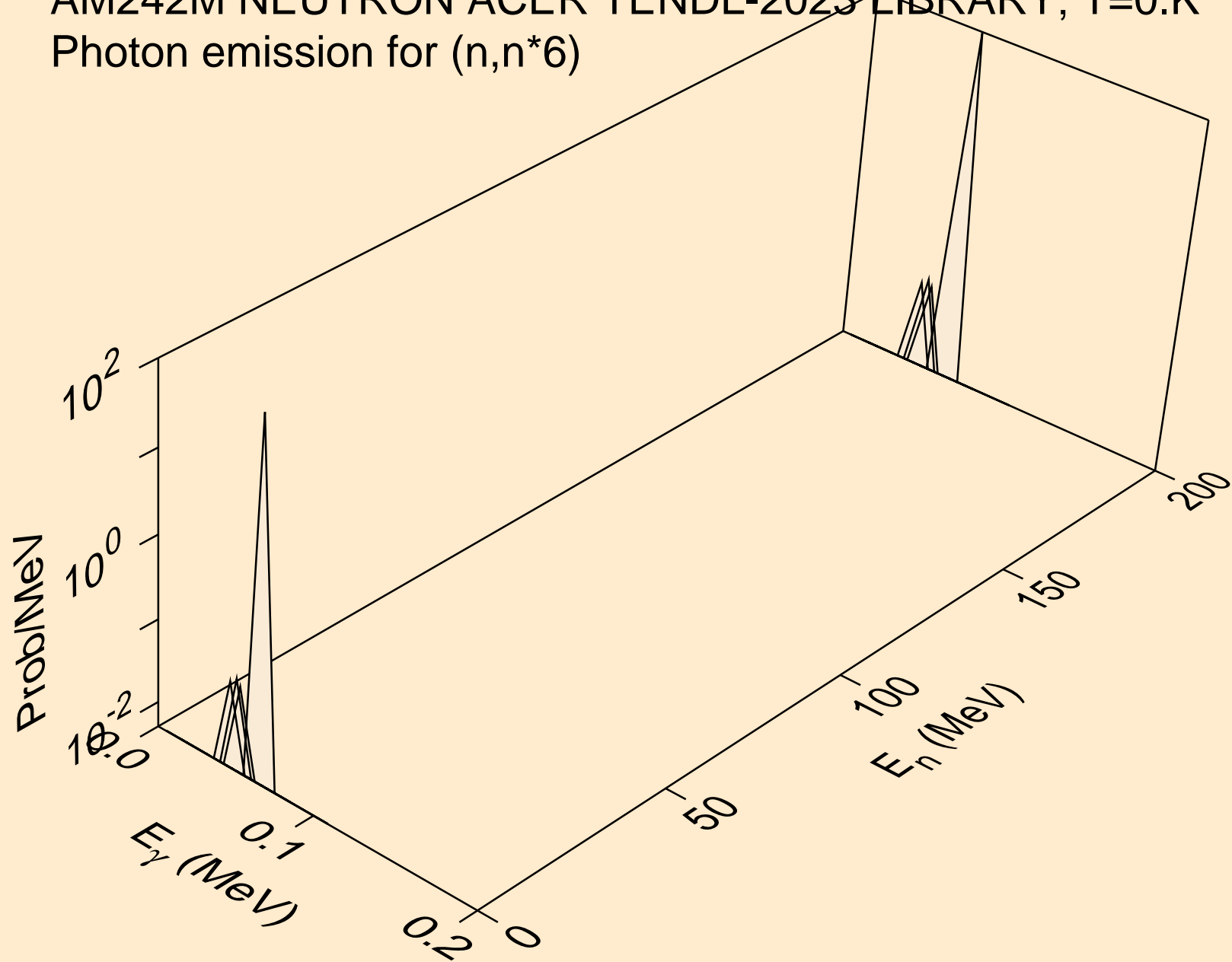
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*4)



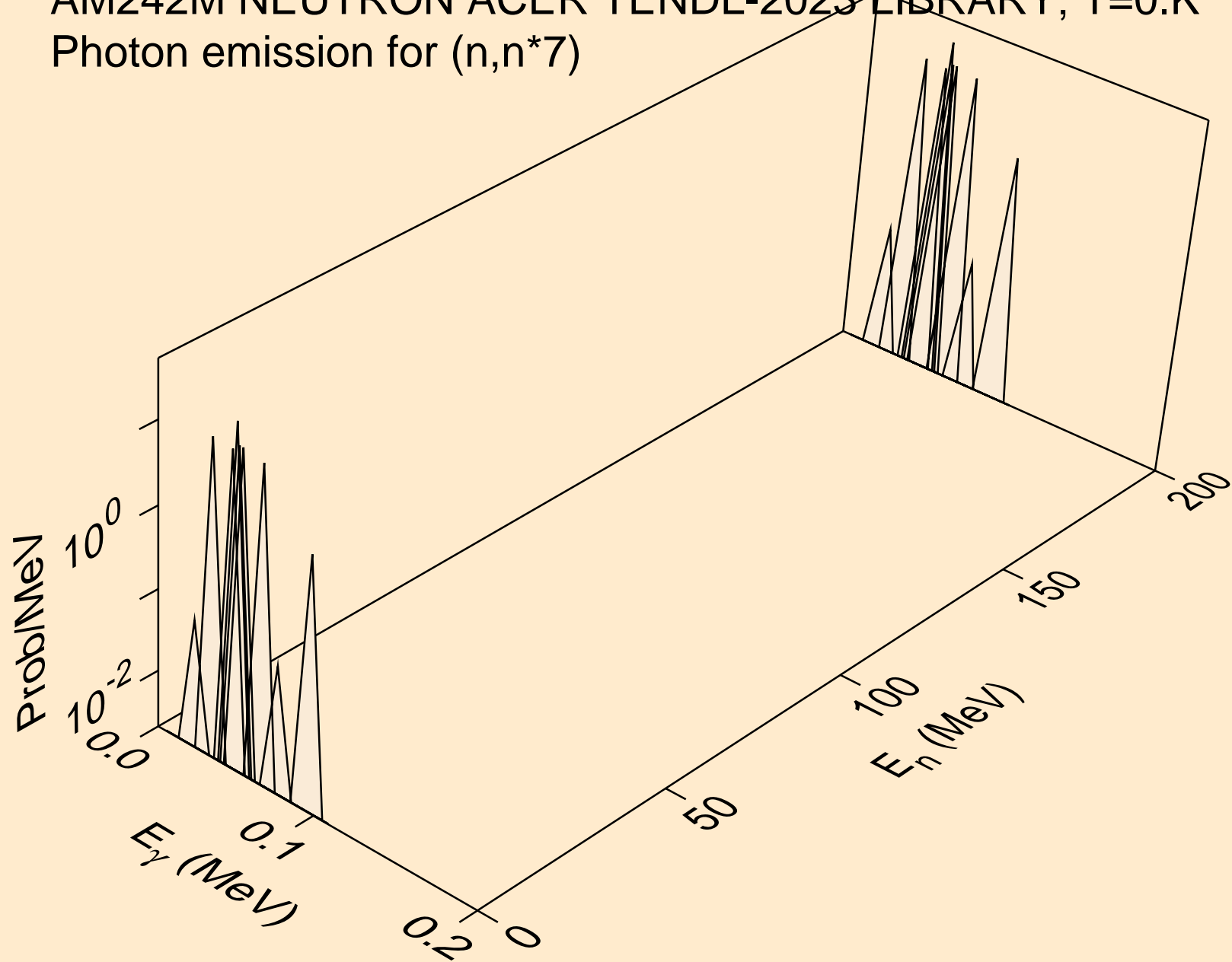
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*5)



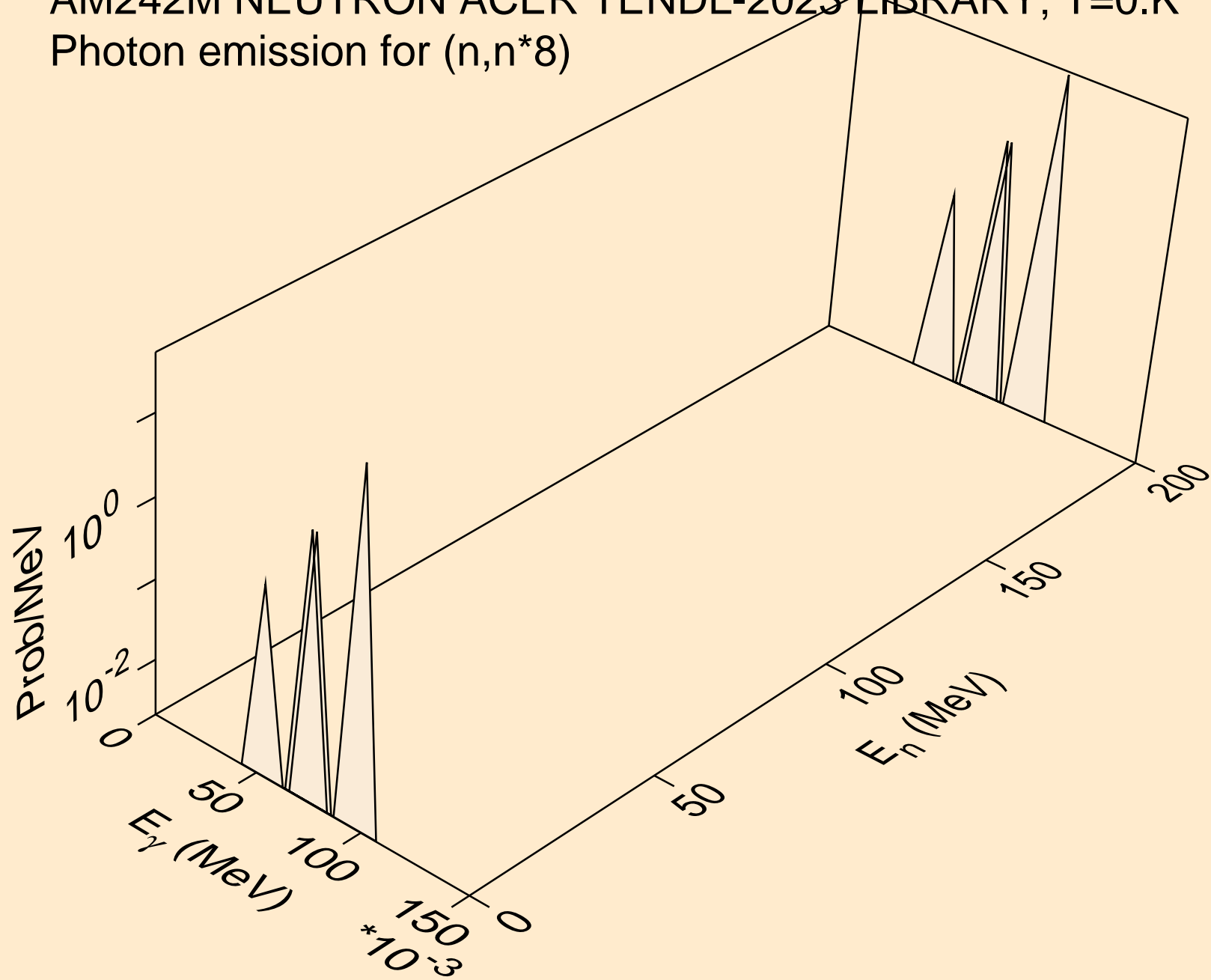
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*6)



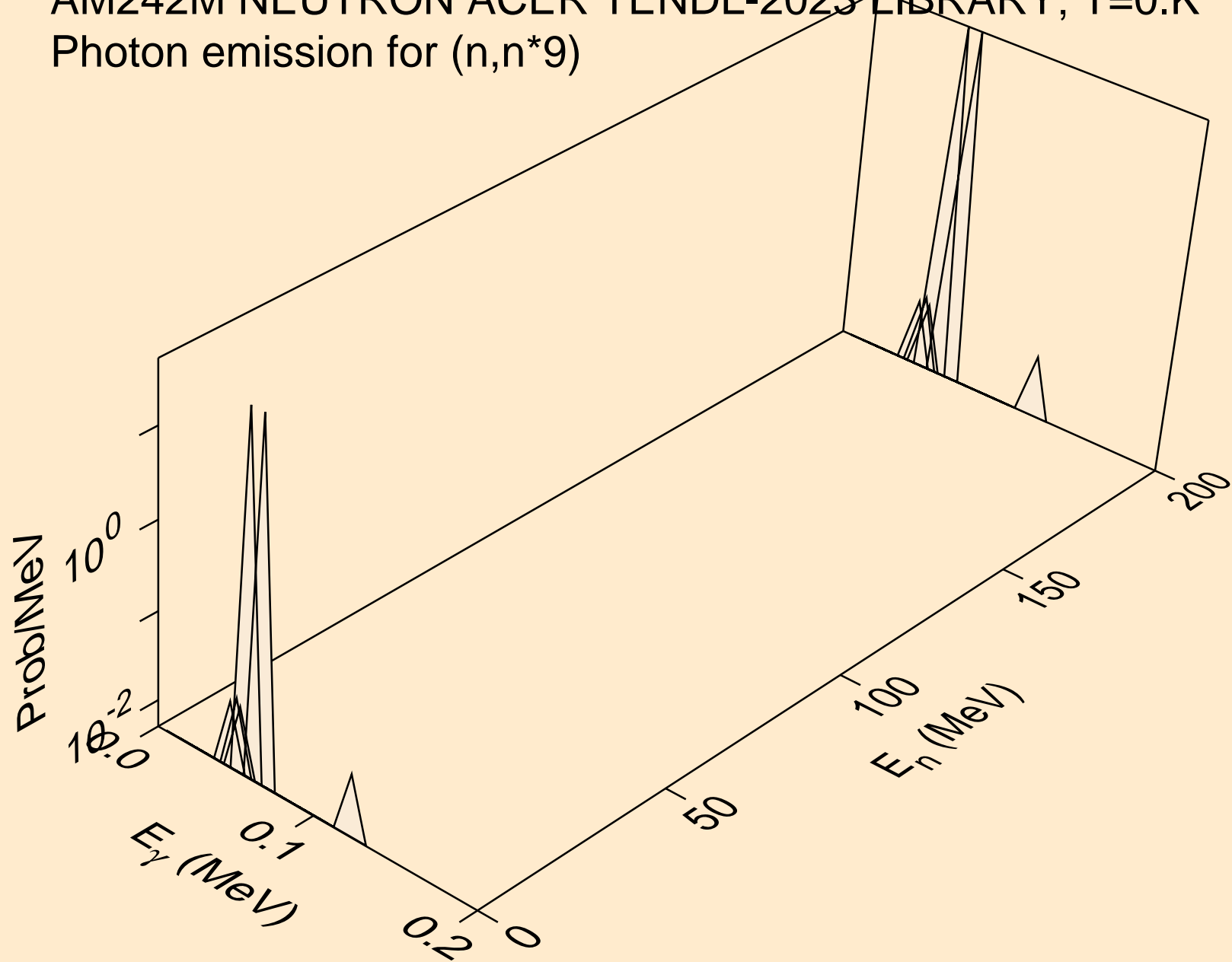
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*7)



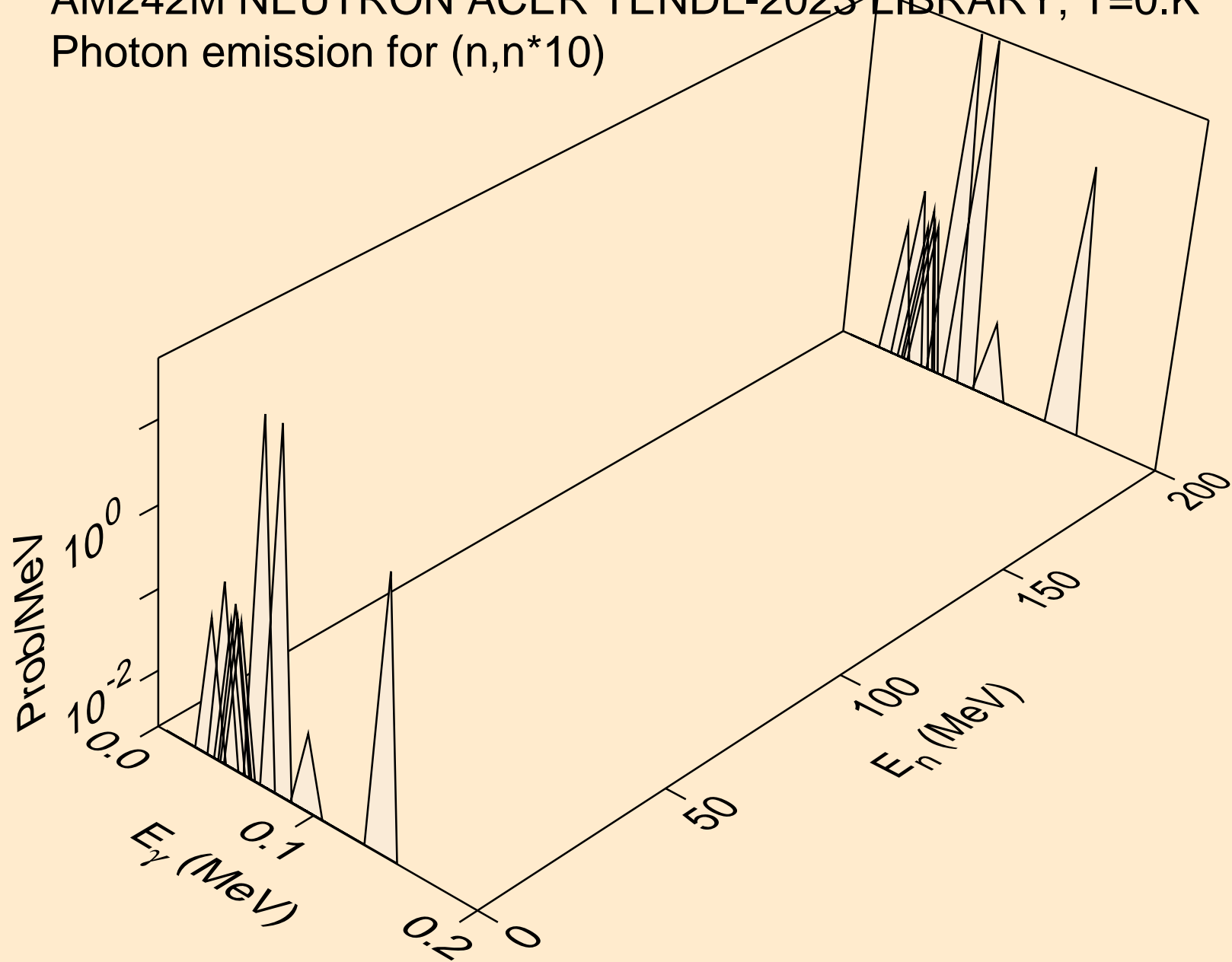
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*8)



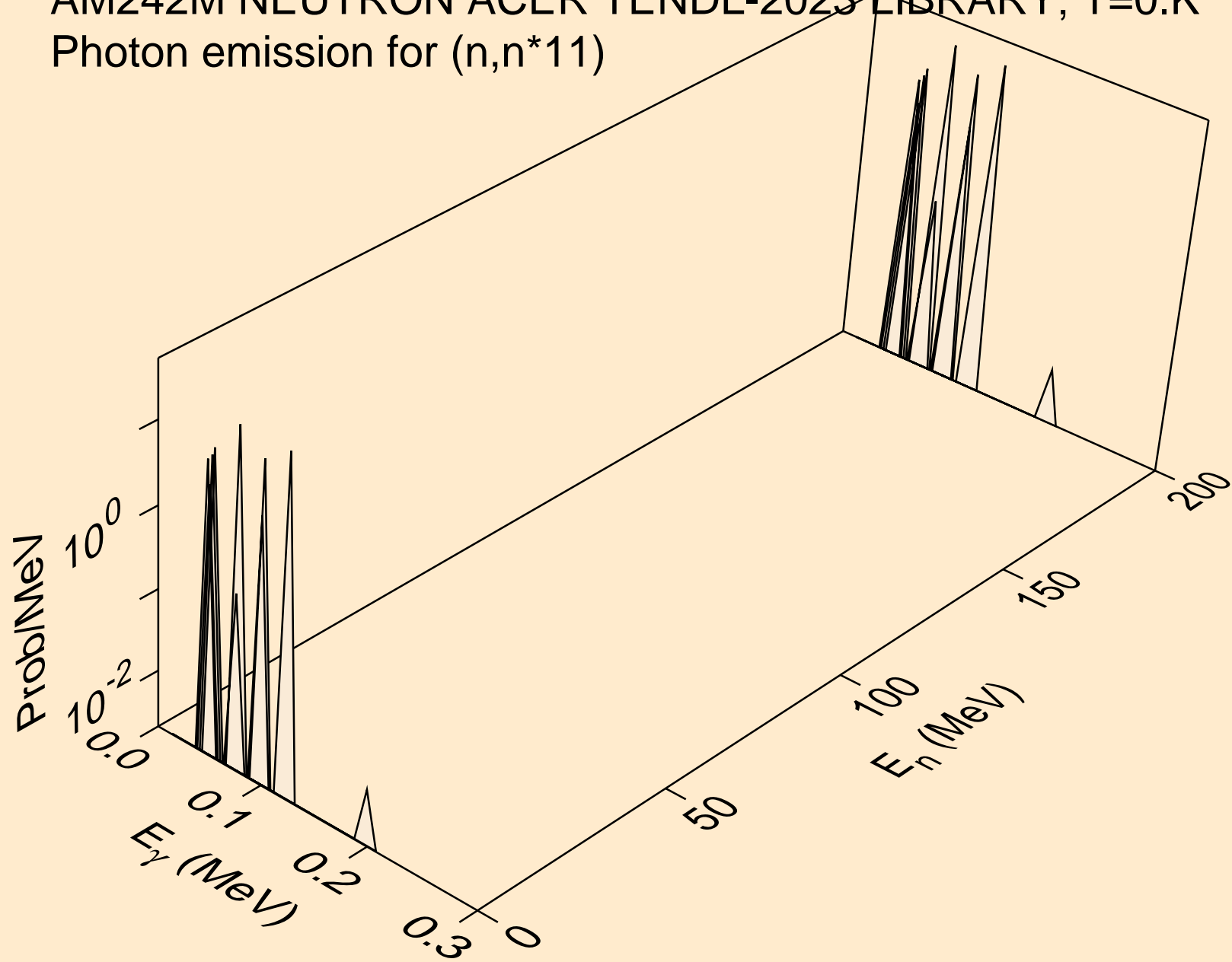
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*9)



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*10)

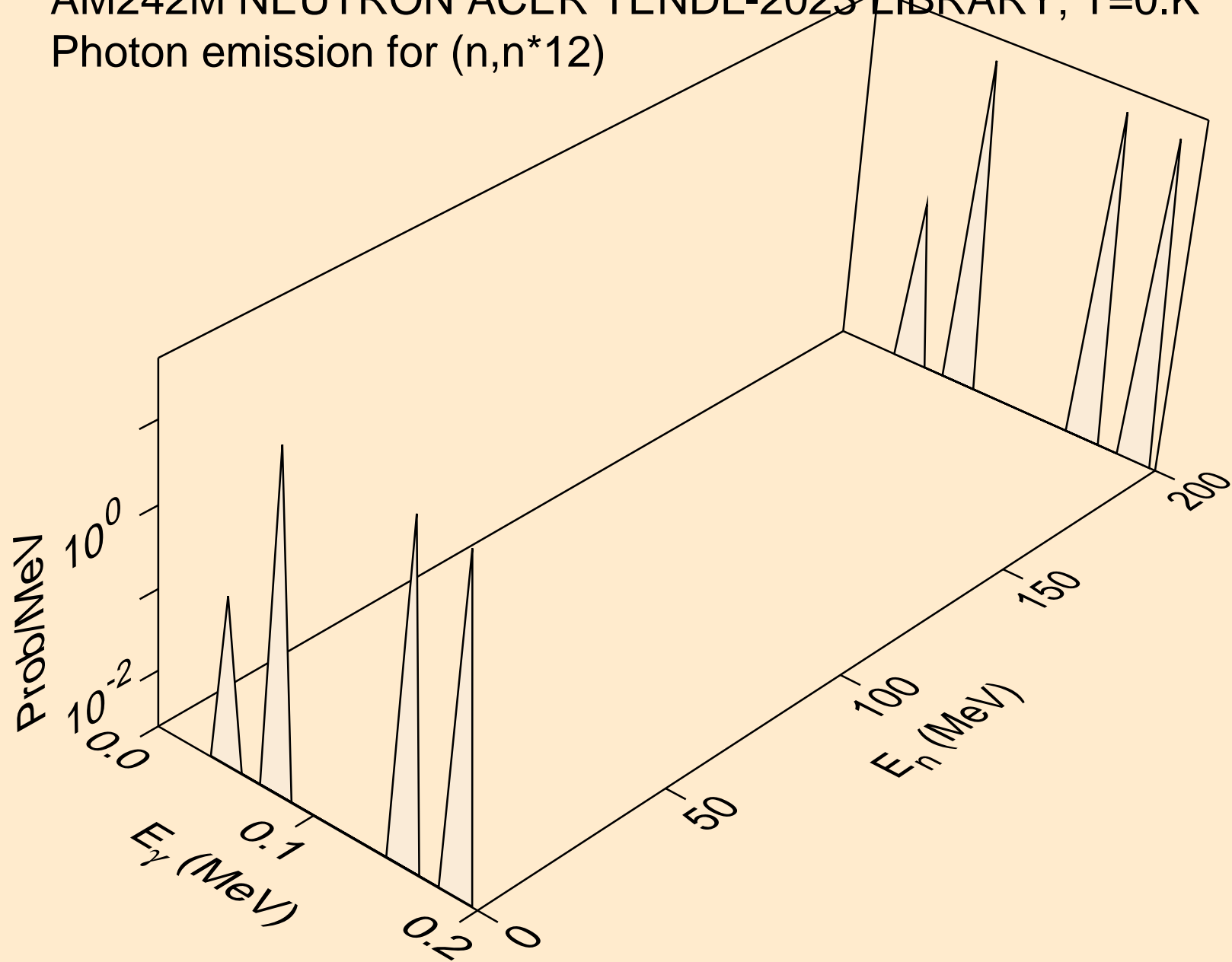


AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*11)

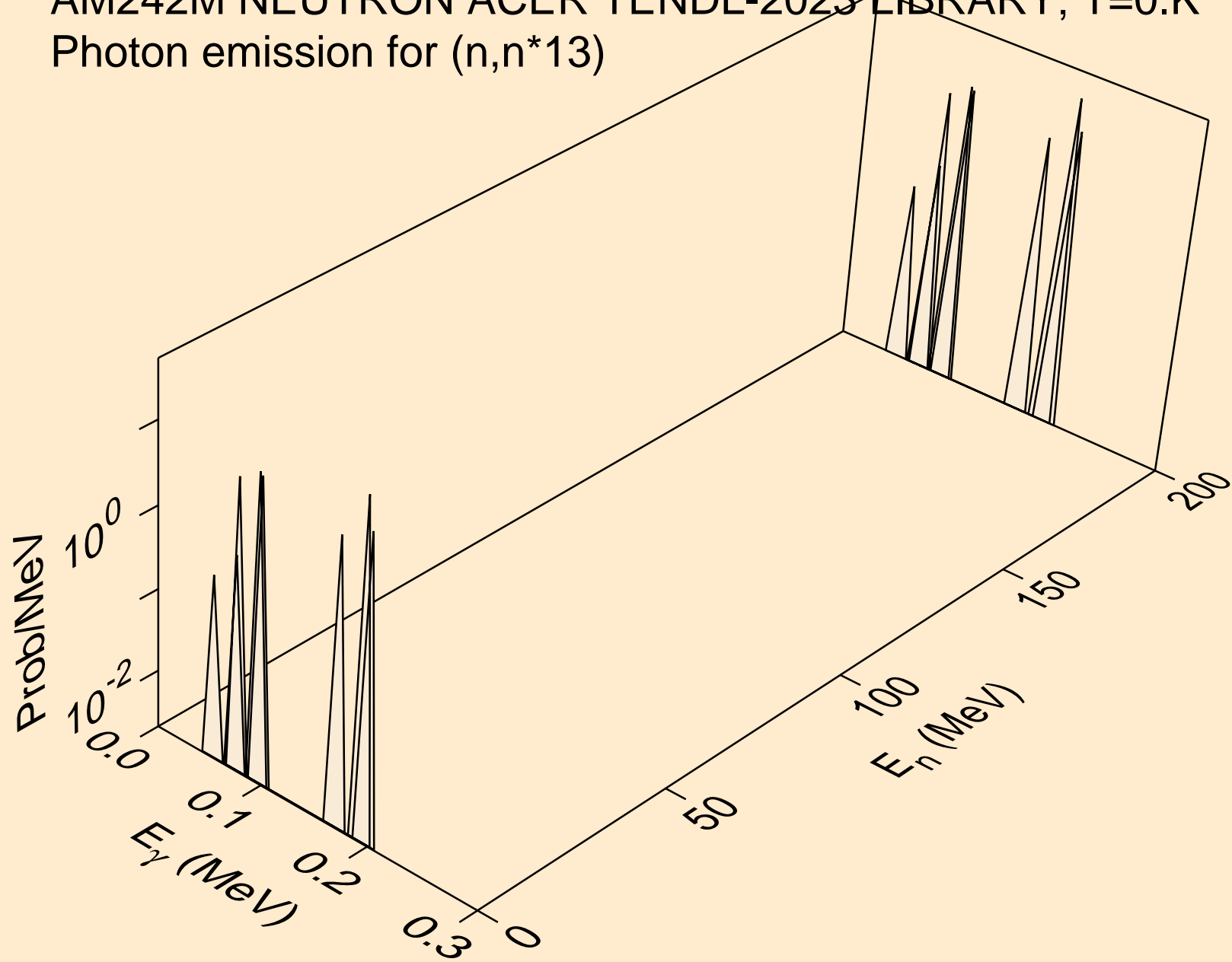




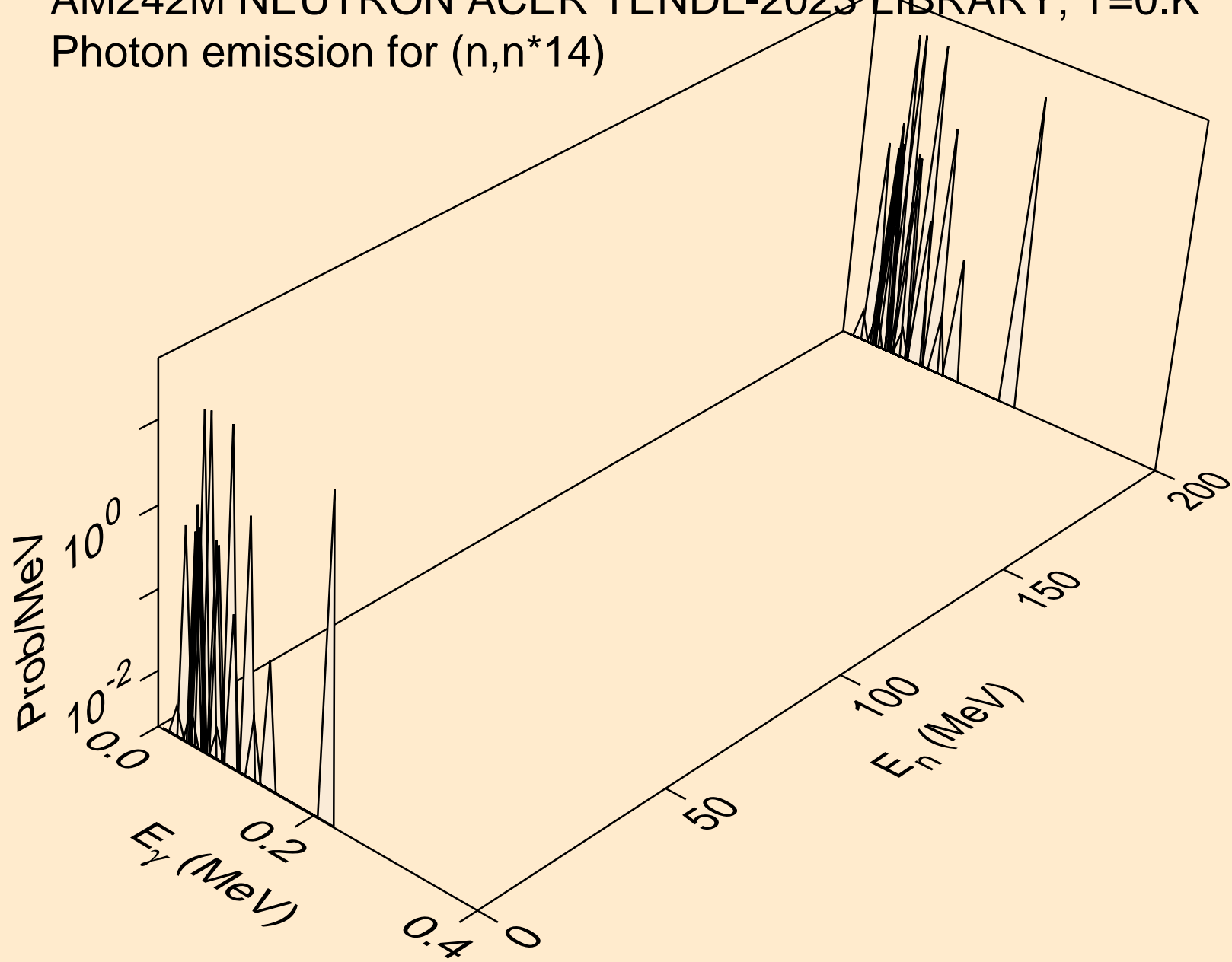
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Photon emission for (n,n\*12)



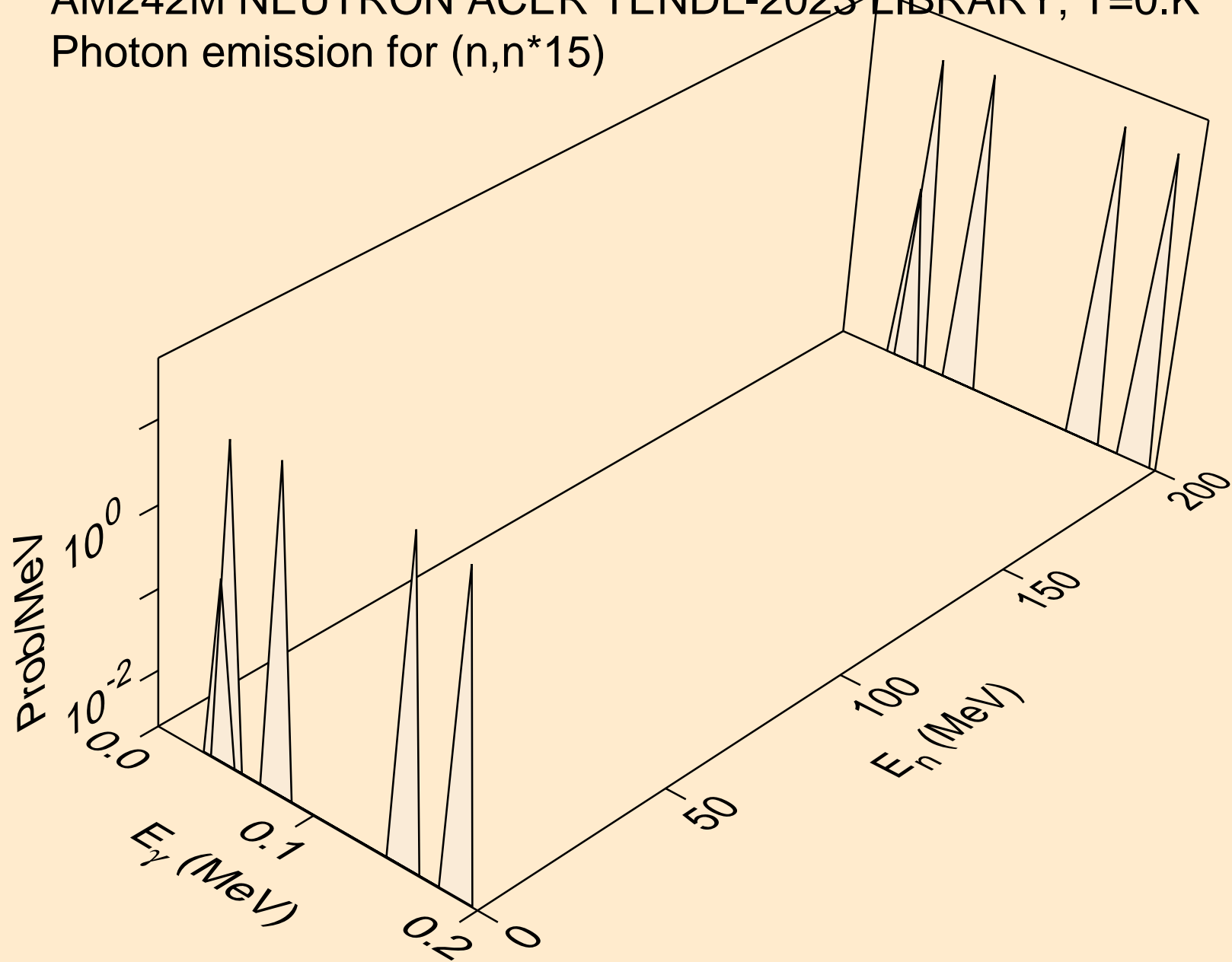
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Photon emission for (n,n\*13)



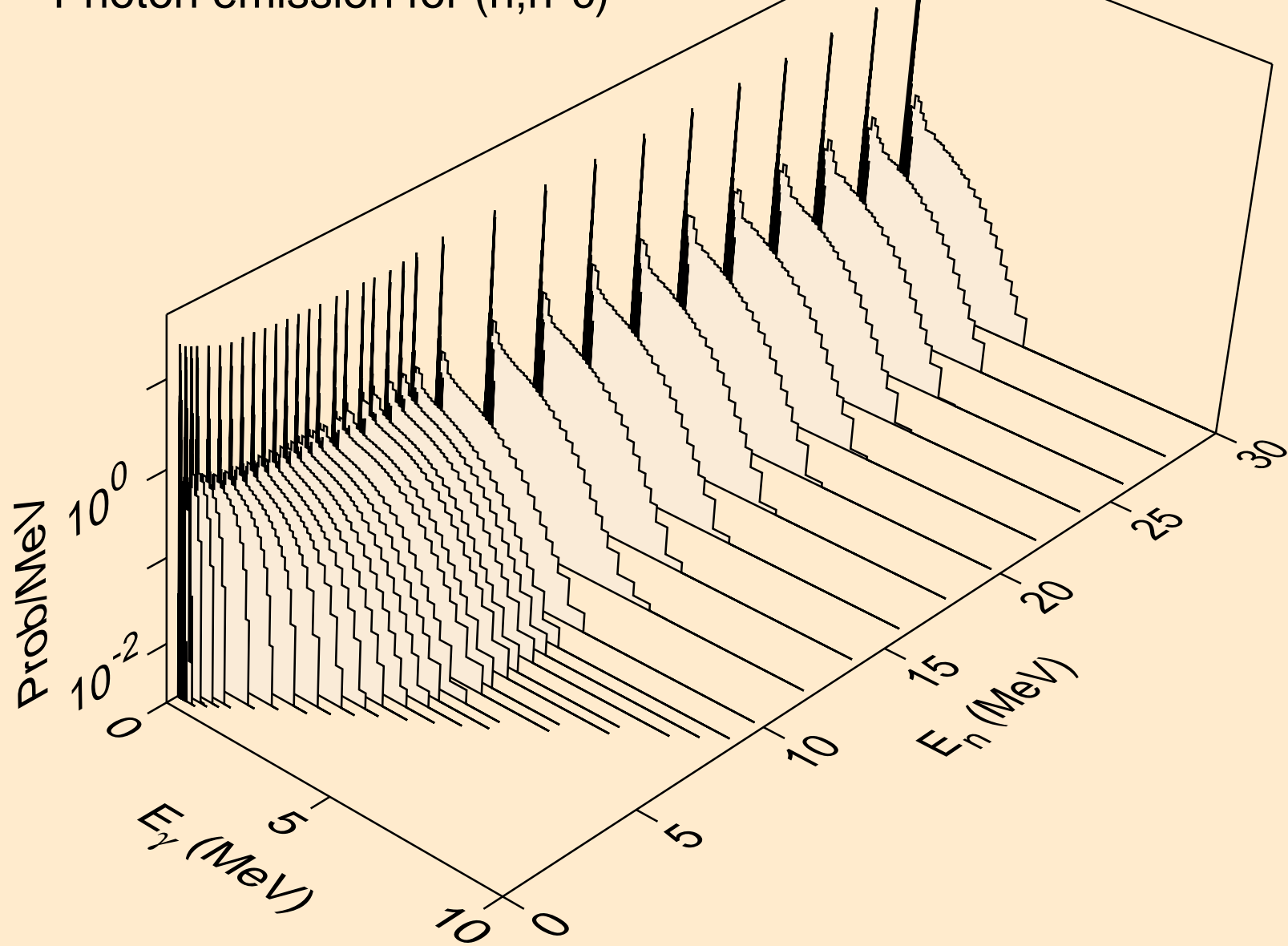
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Photon emission for (n,n\*14)



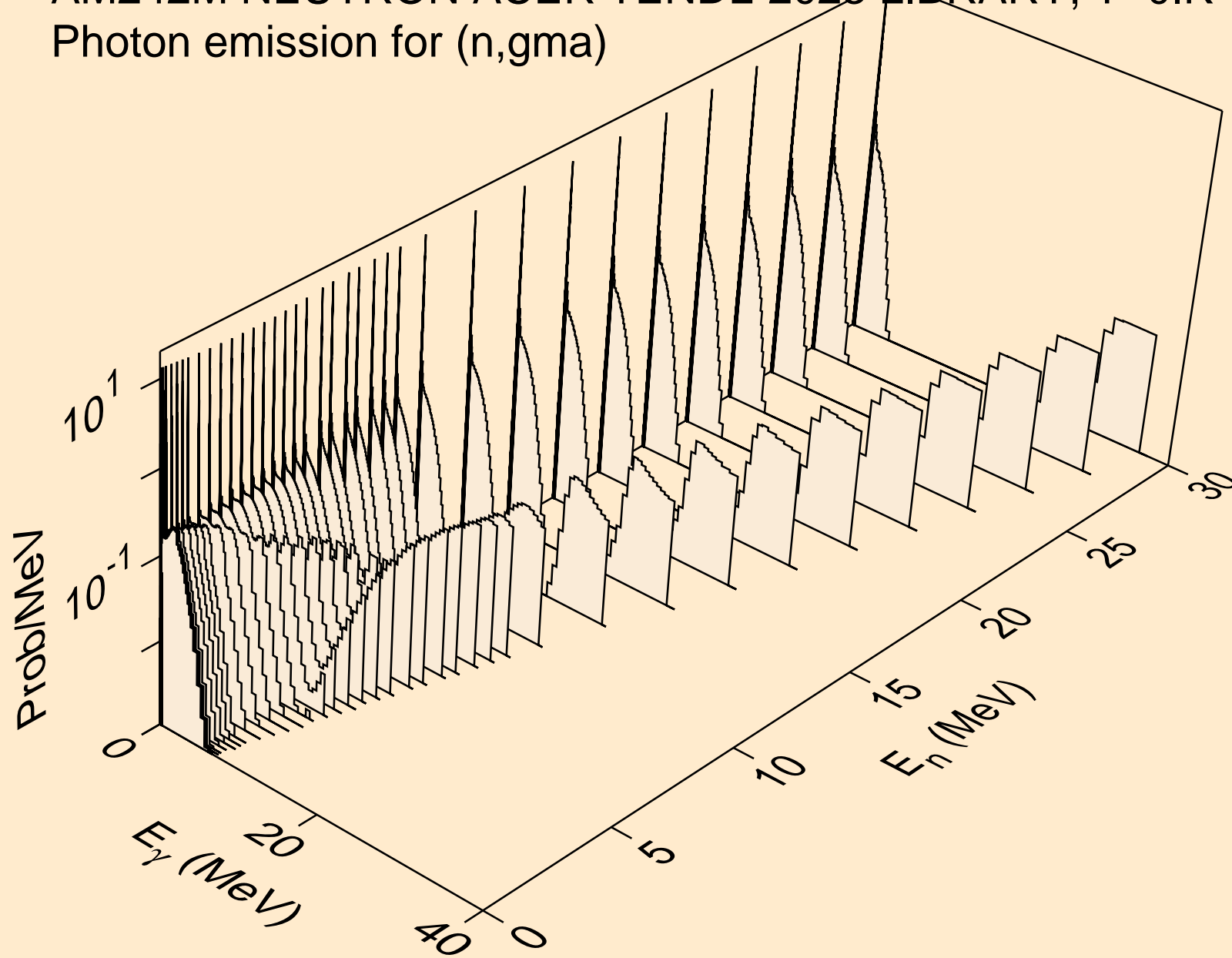
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Photon emission for (n,n\*15)



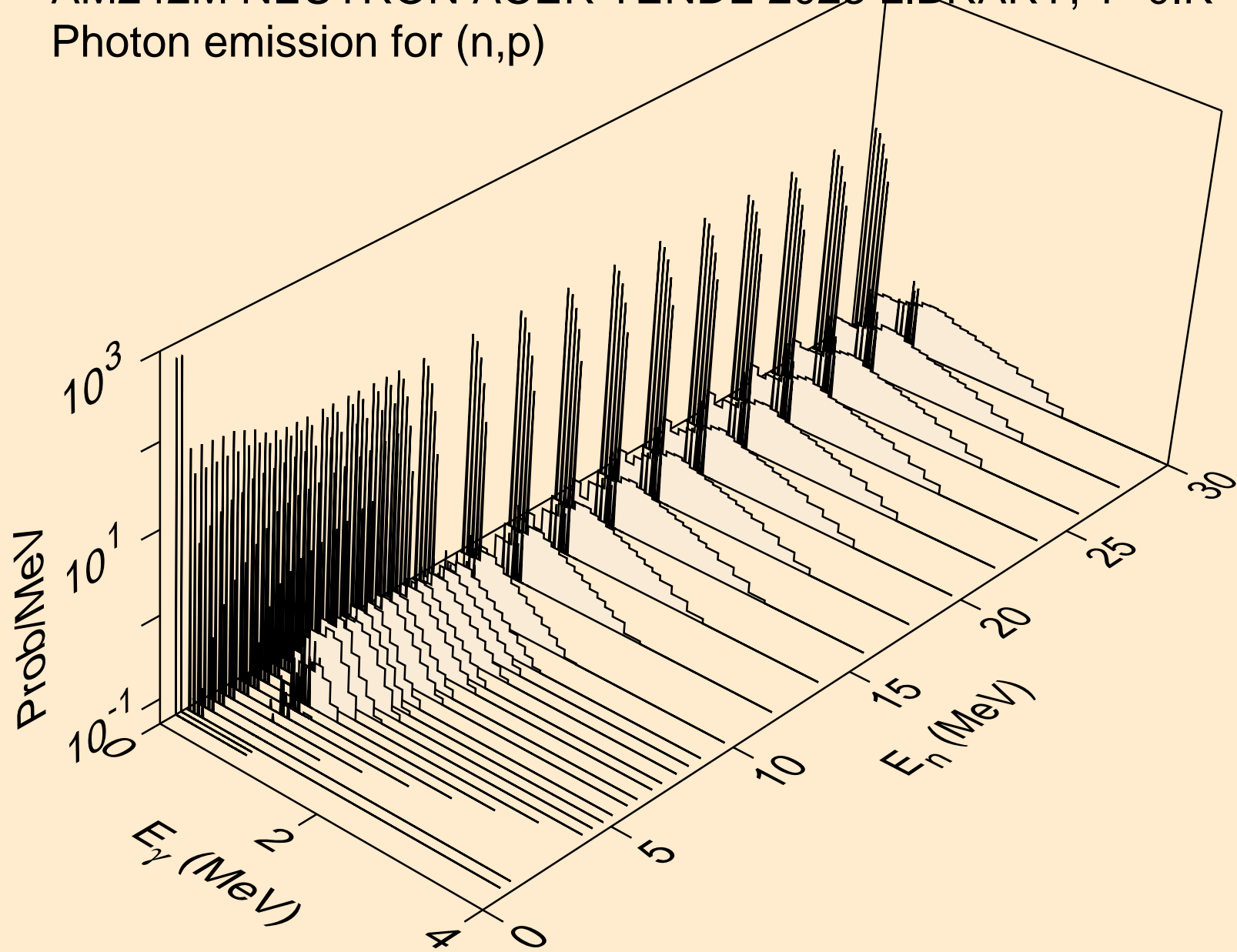
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Photon emission for (n,n\*c)



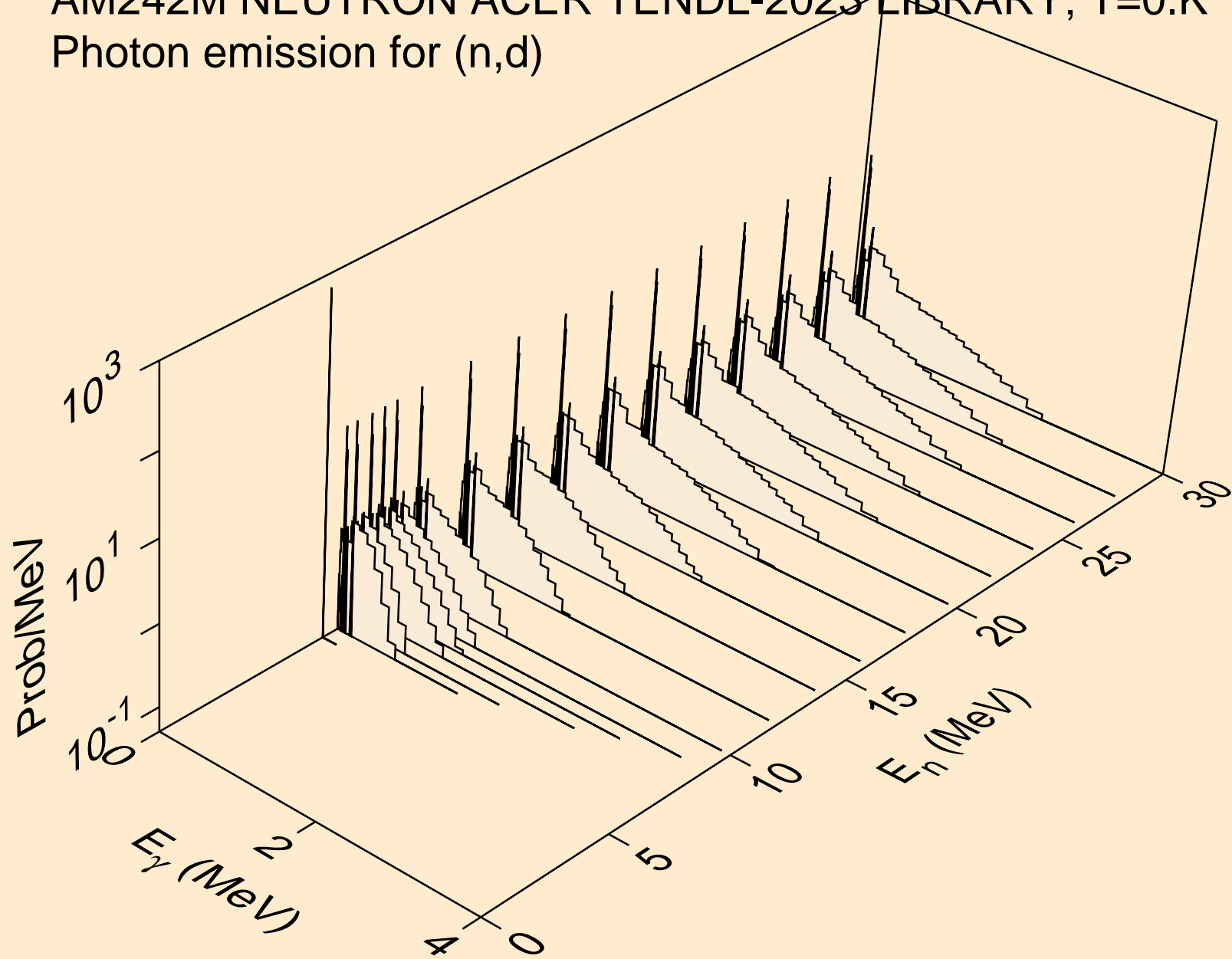
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

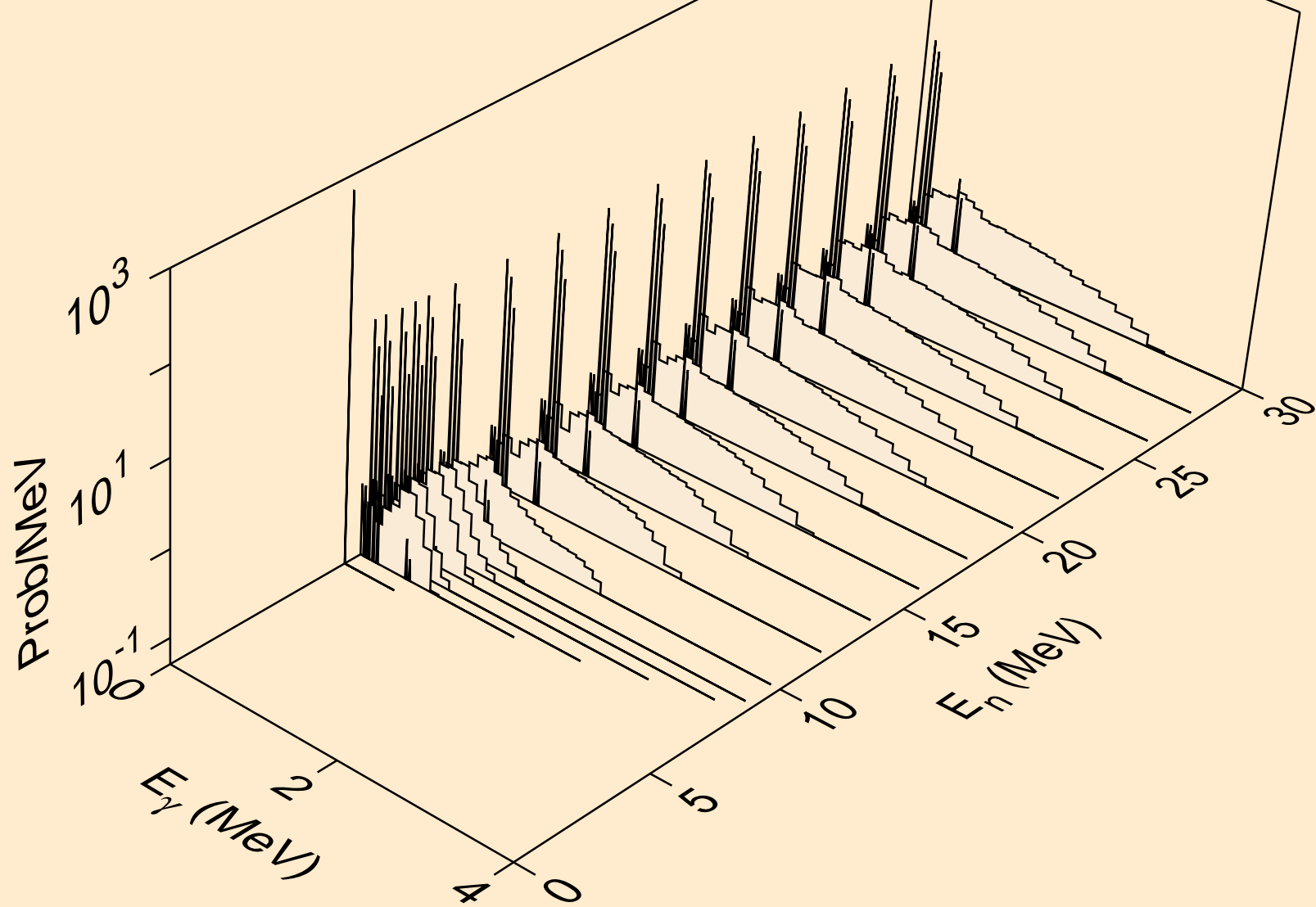


AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

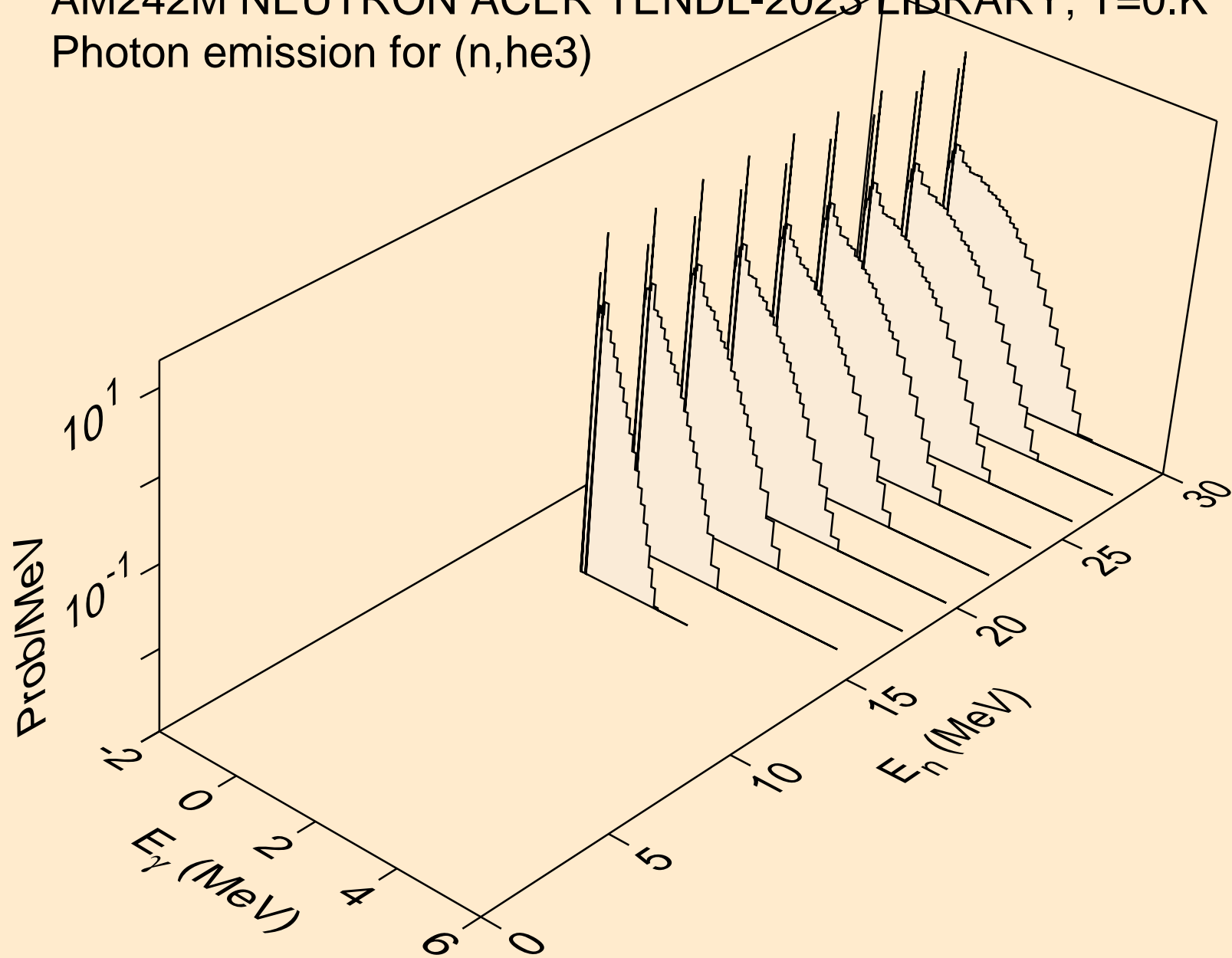




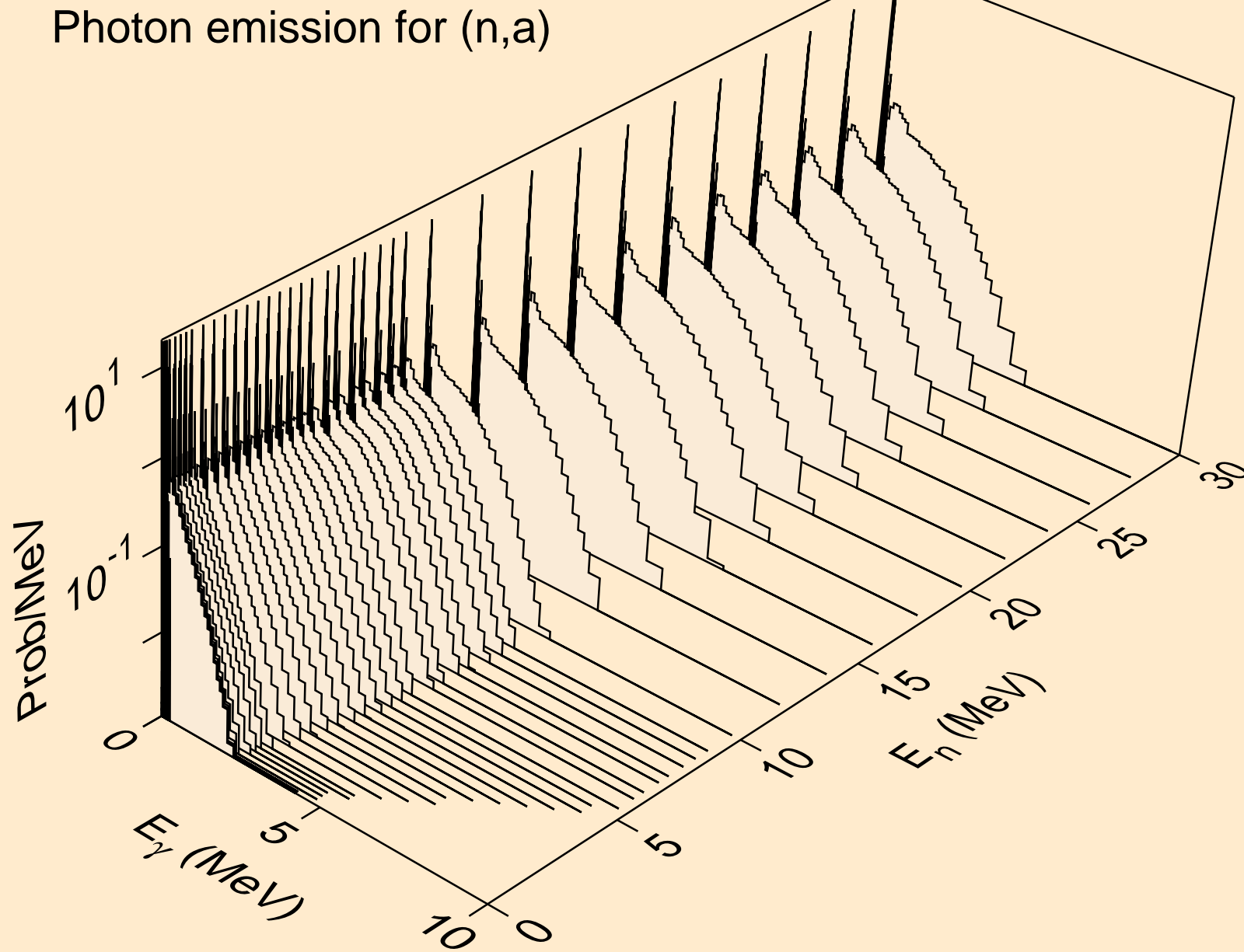
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Photon emission for (n,t)



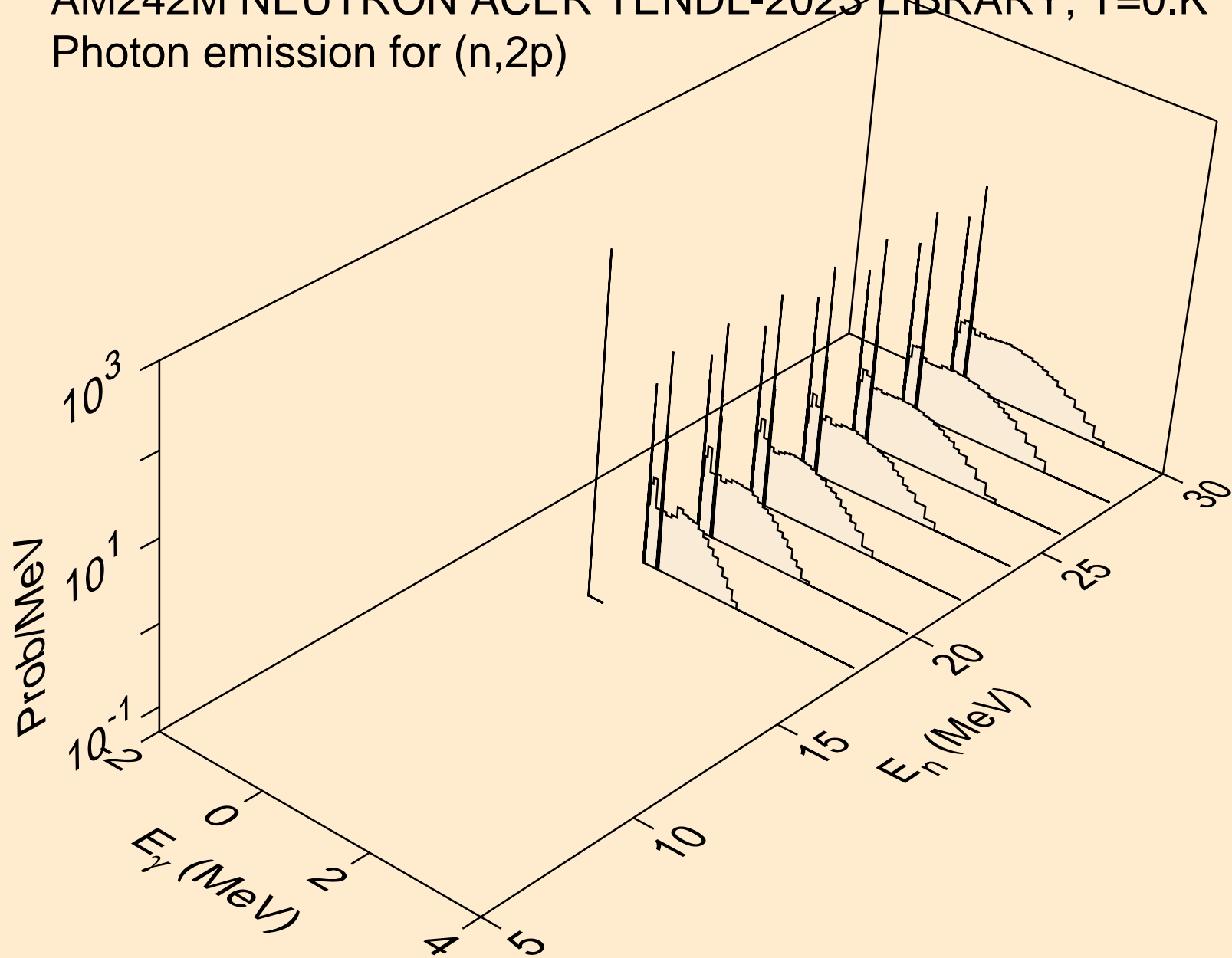
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Photon emission for (n,he3)



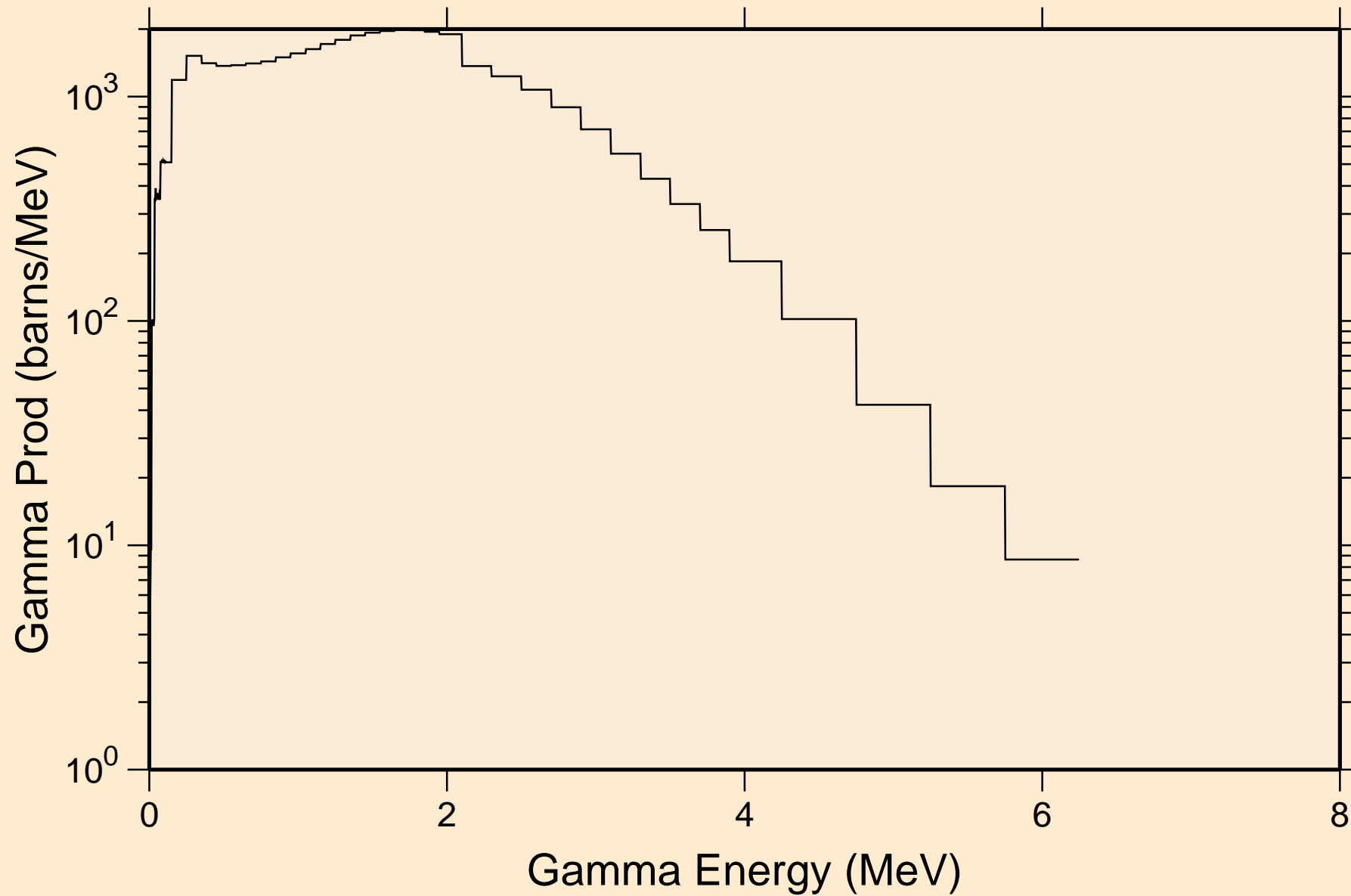
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Photon emission for (n,a)



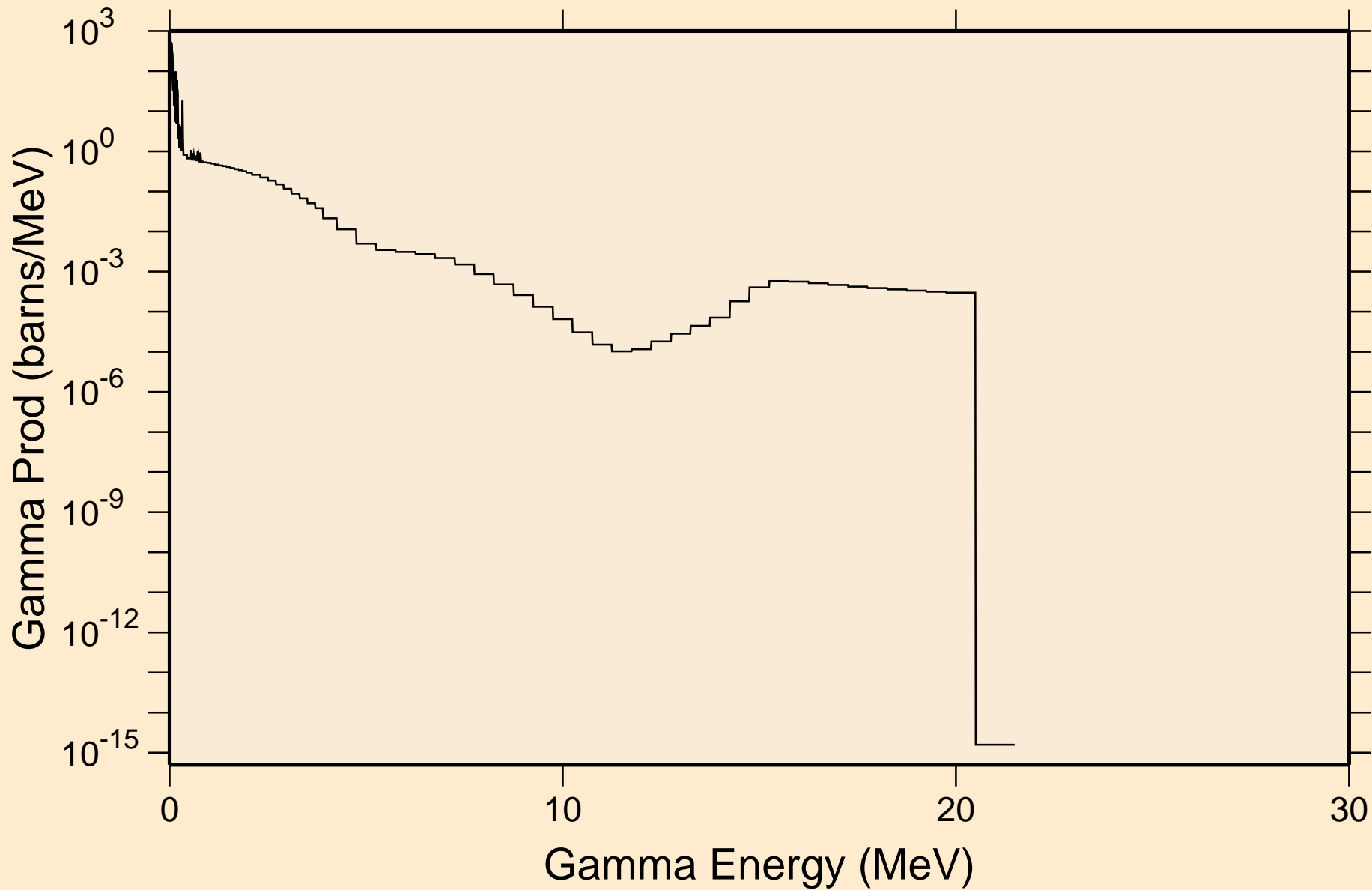
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Photon emission for (n,2p)



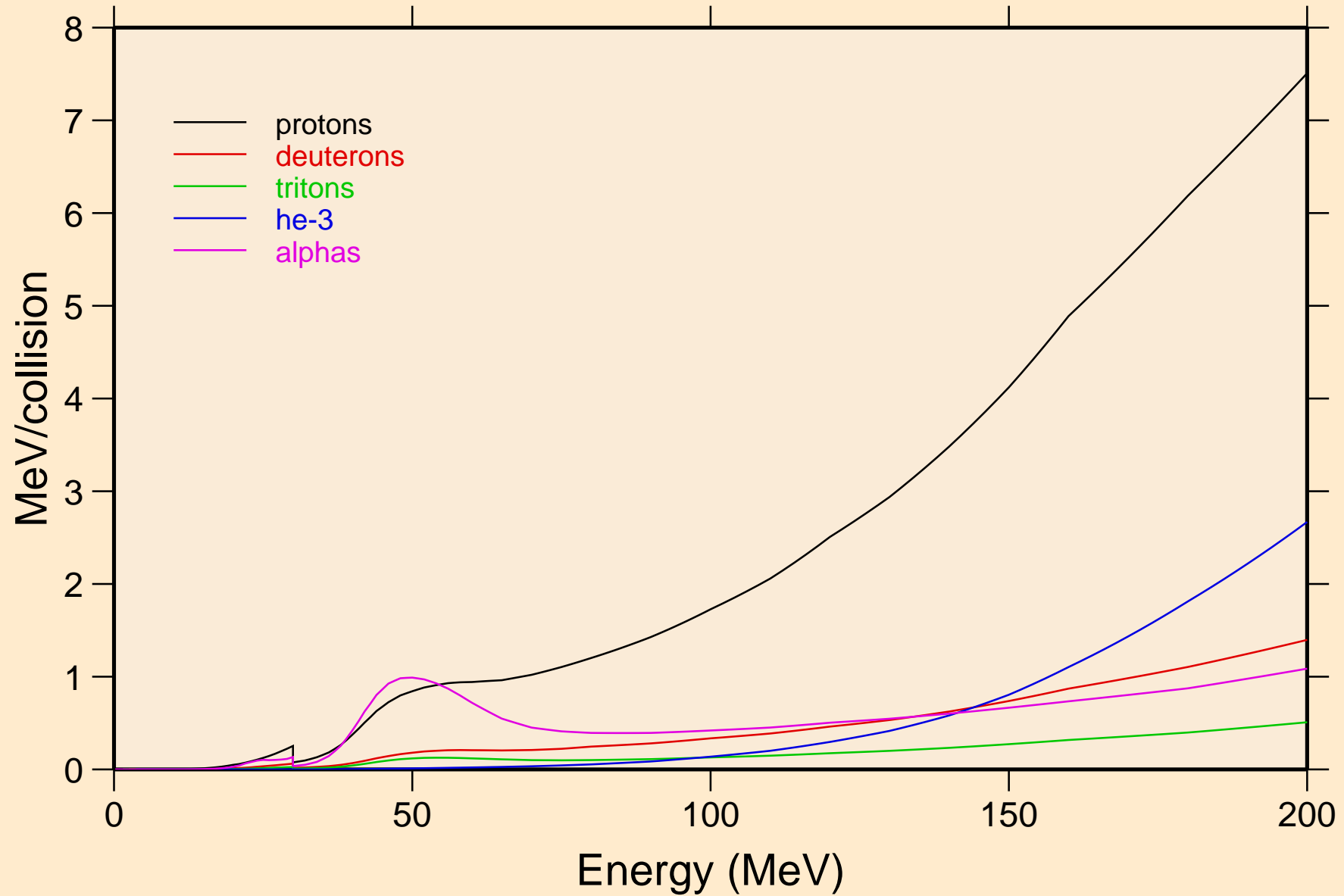
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



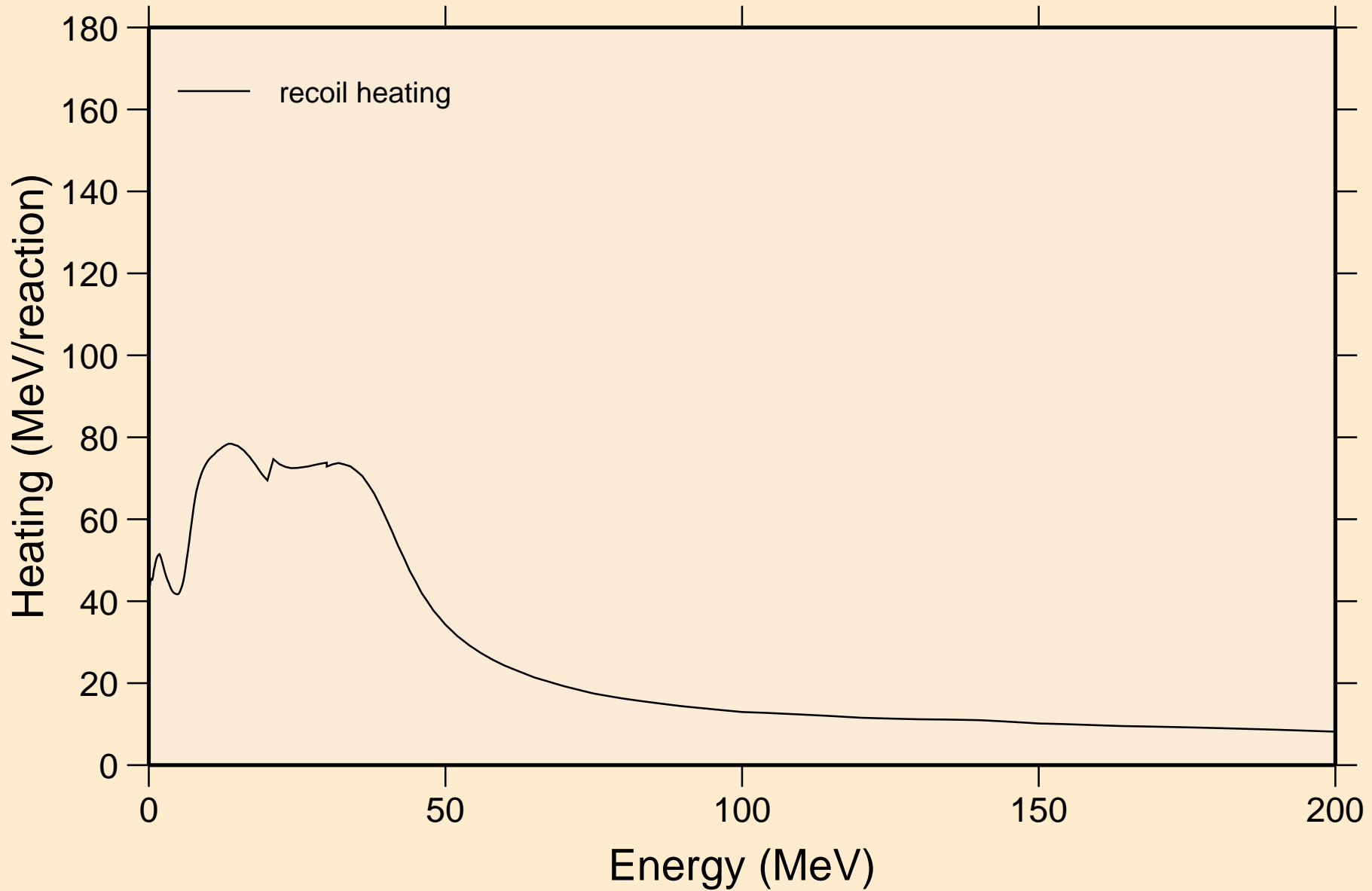
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



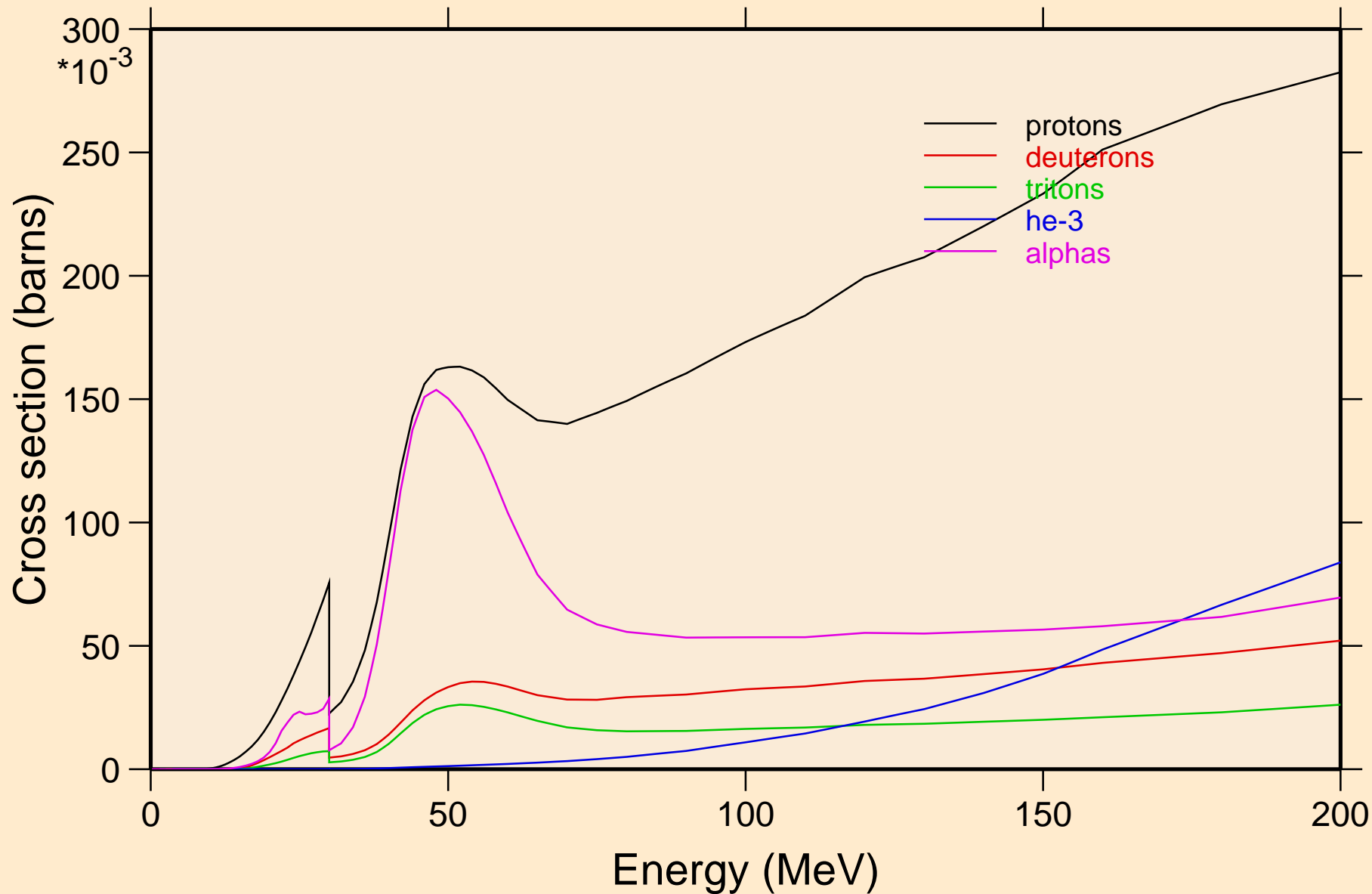
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Recoil Heating



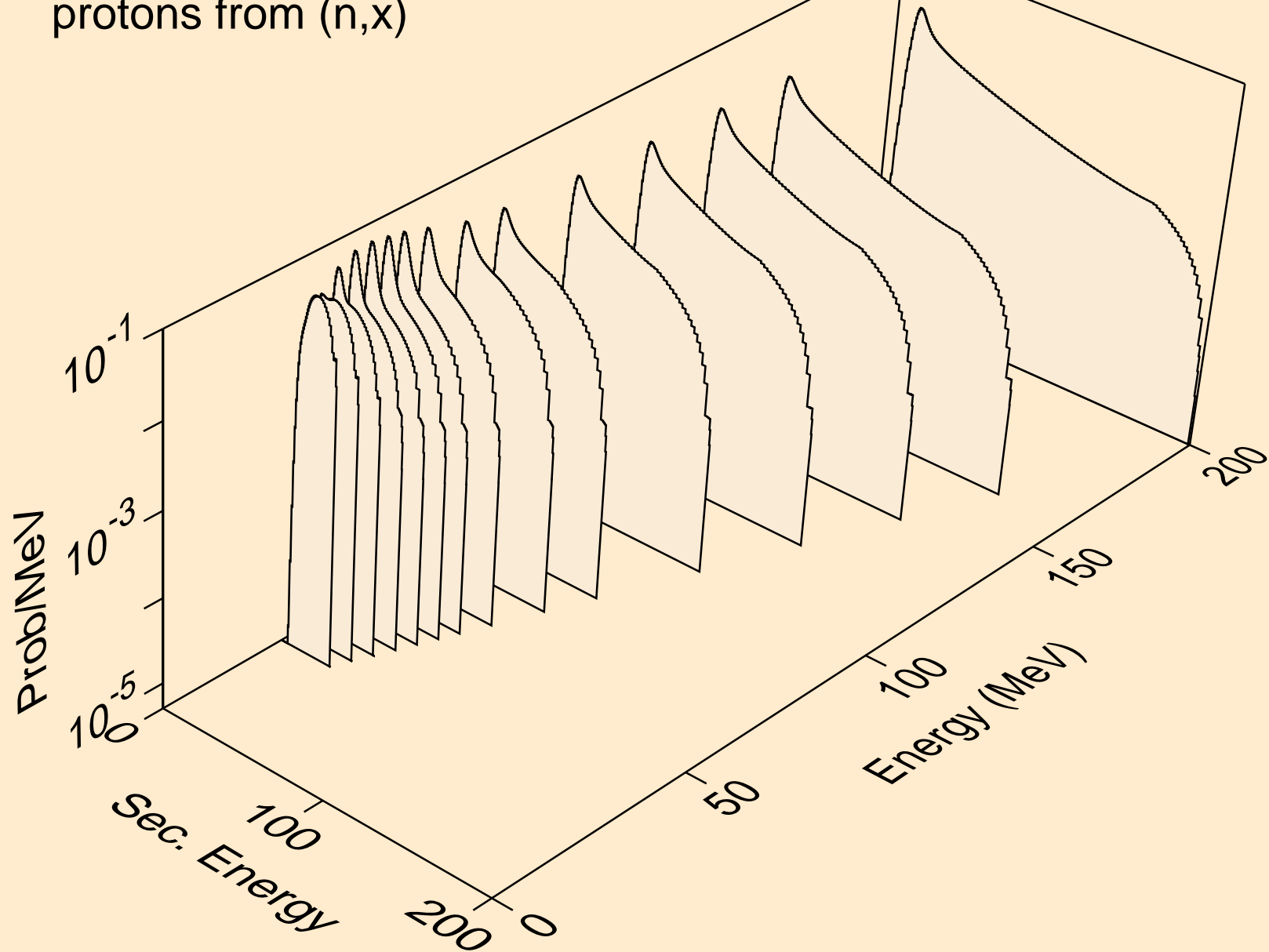


# AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

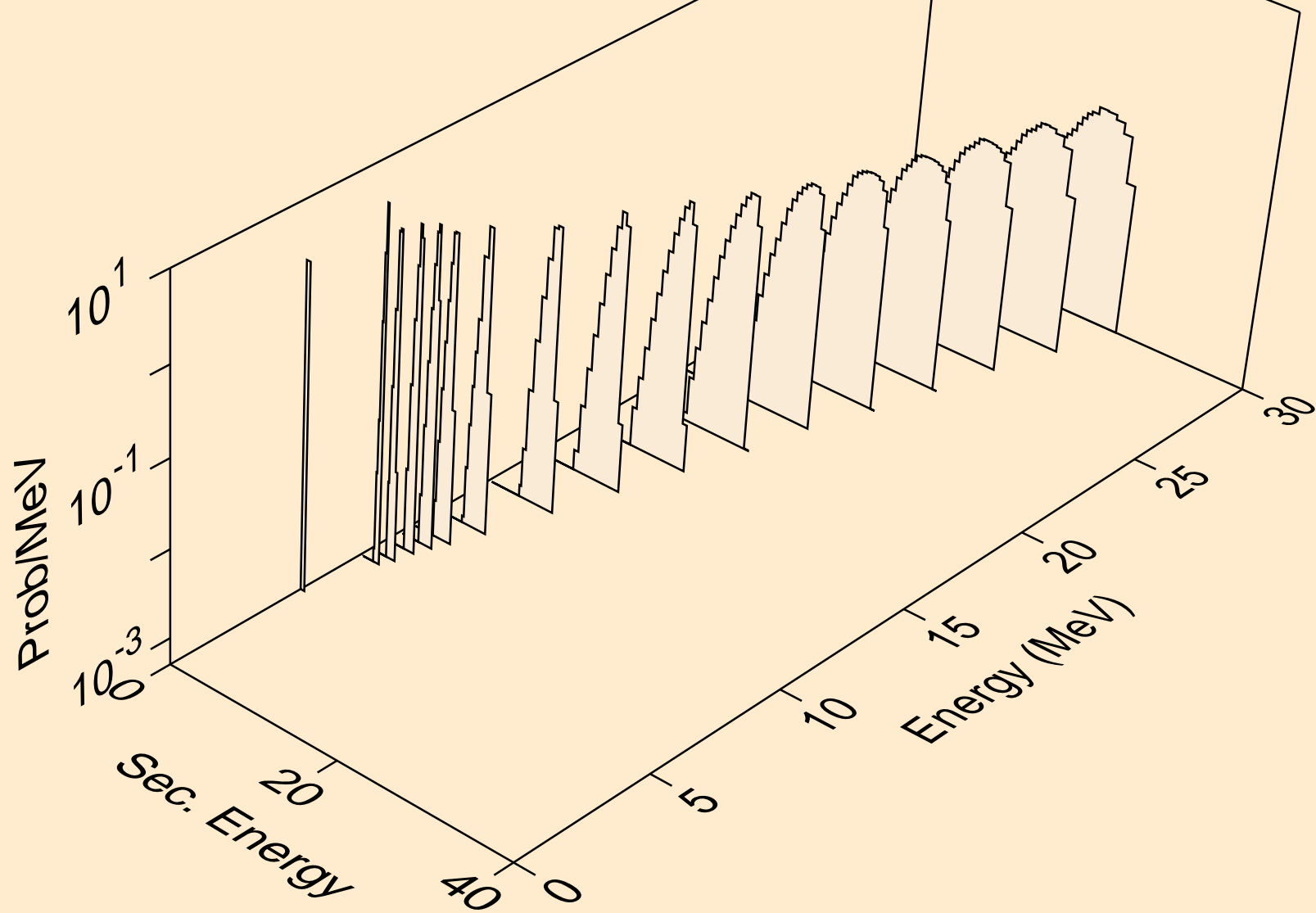
## Particle production cross sections



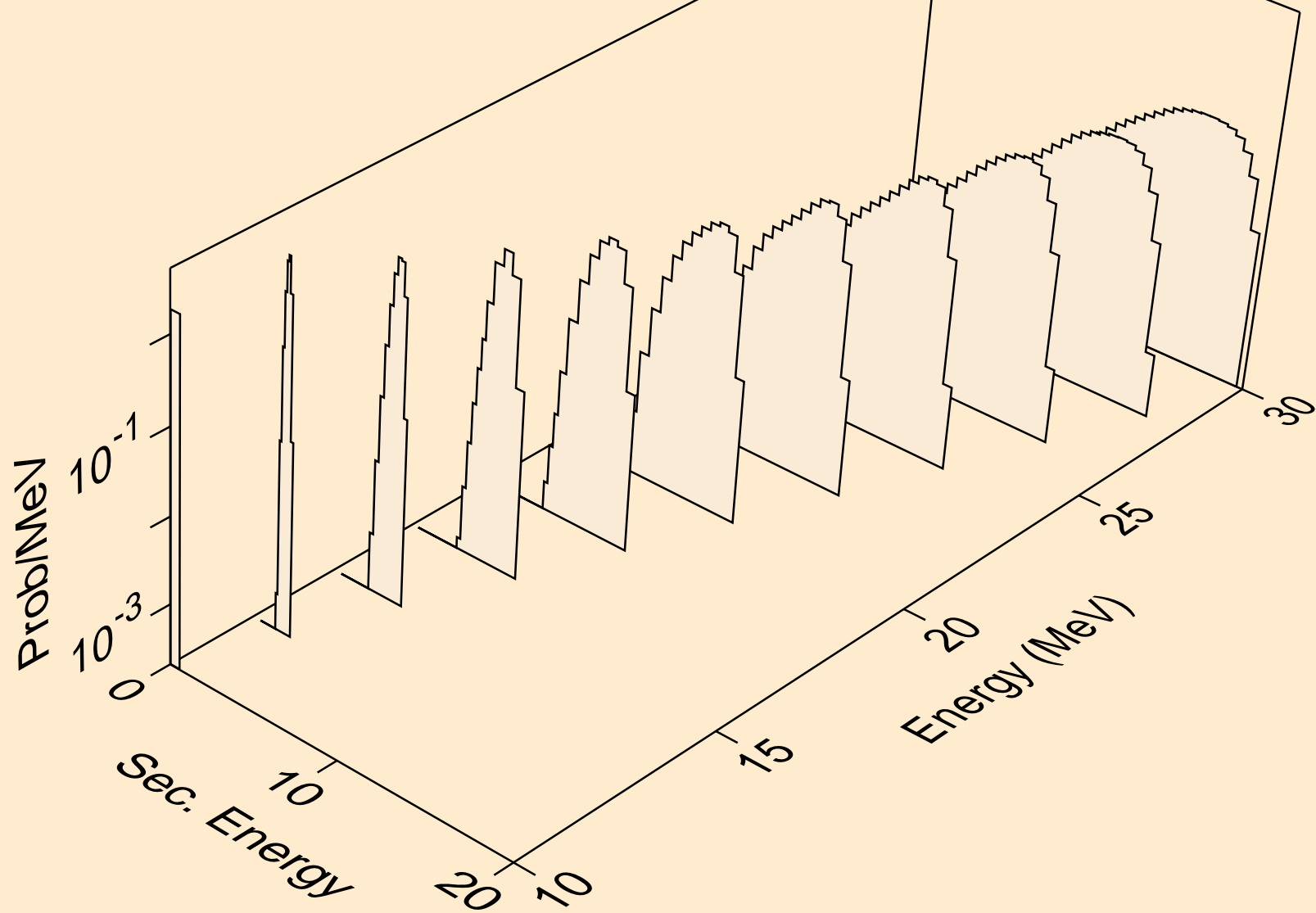
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



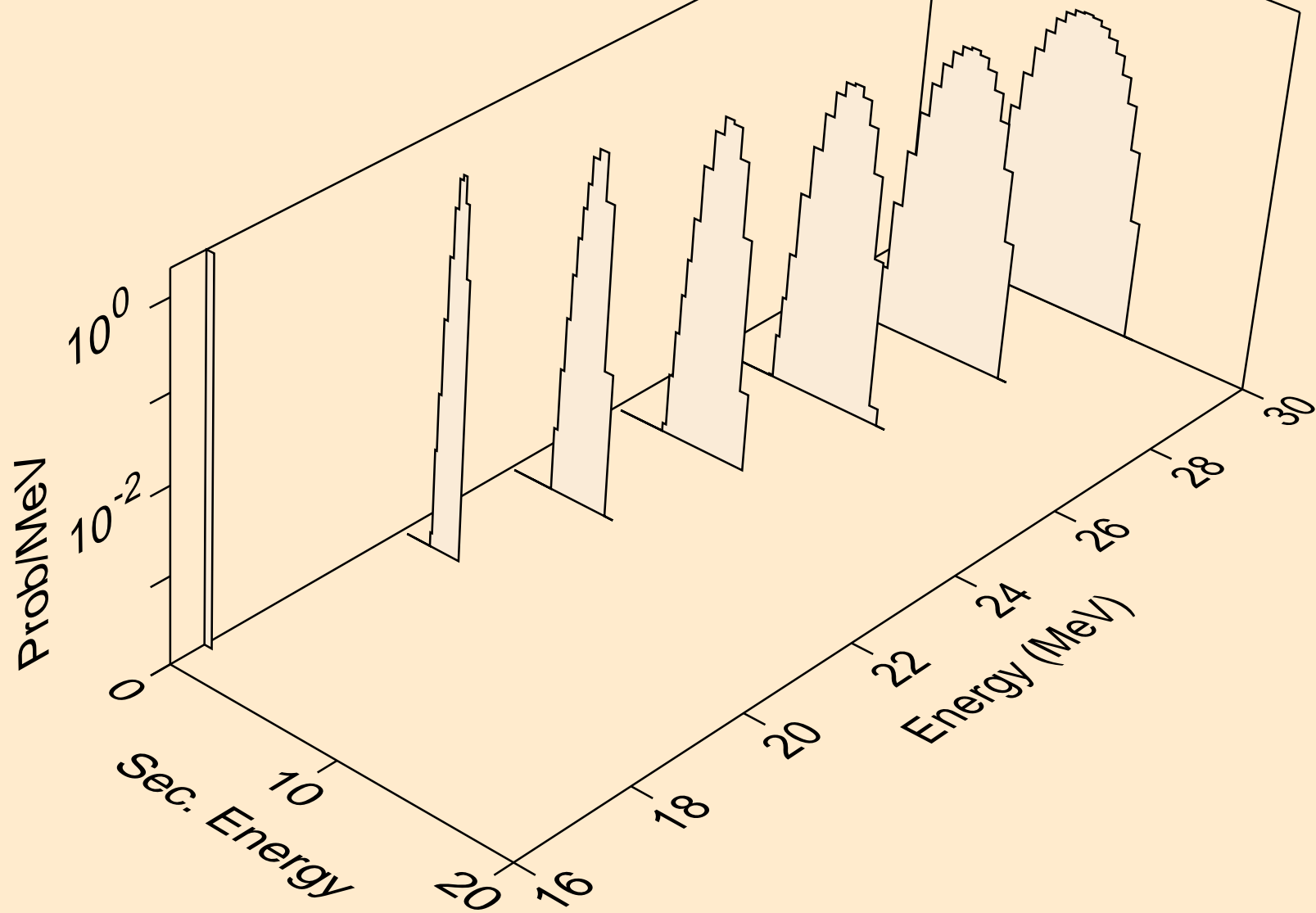
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protons from (n,n\*)p



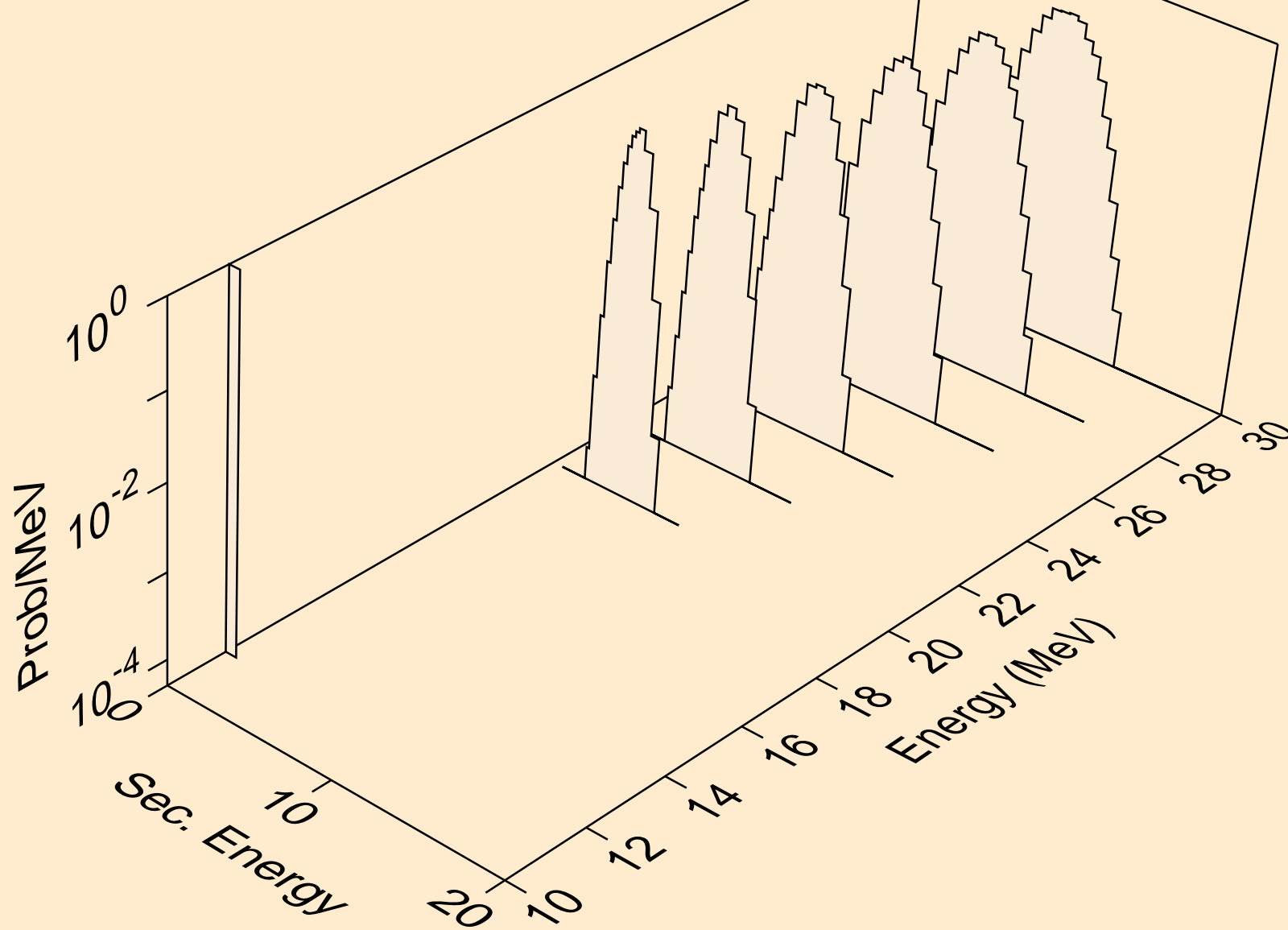
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protons from (n,2np)



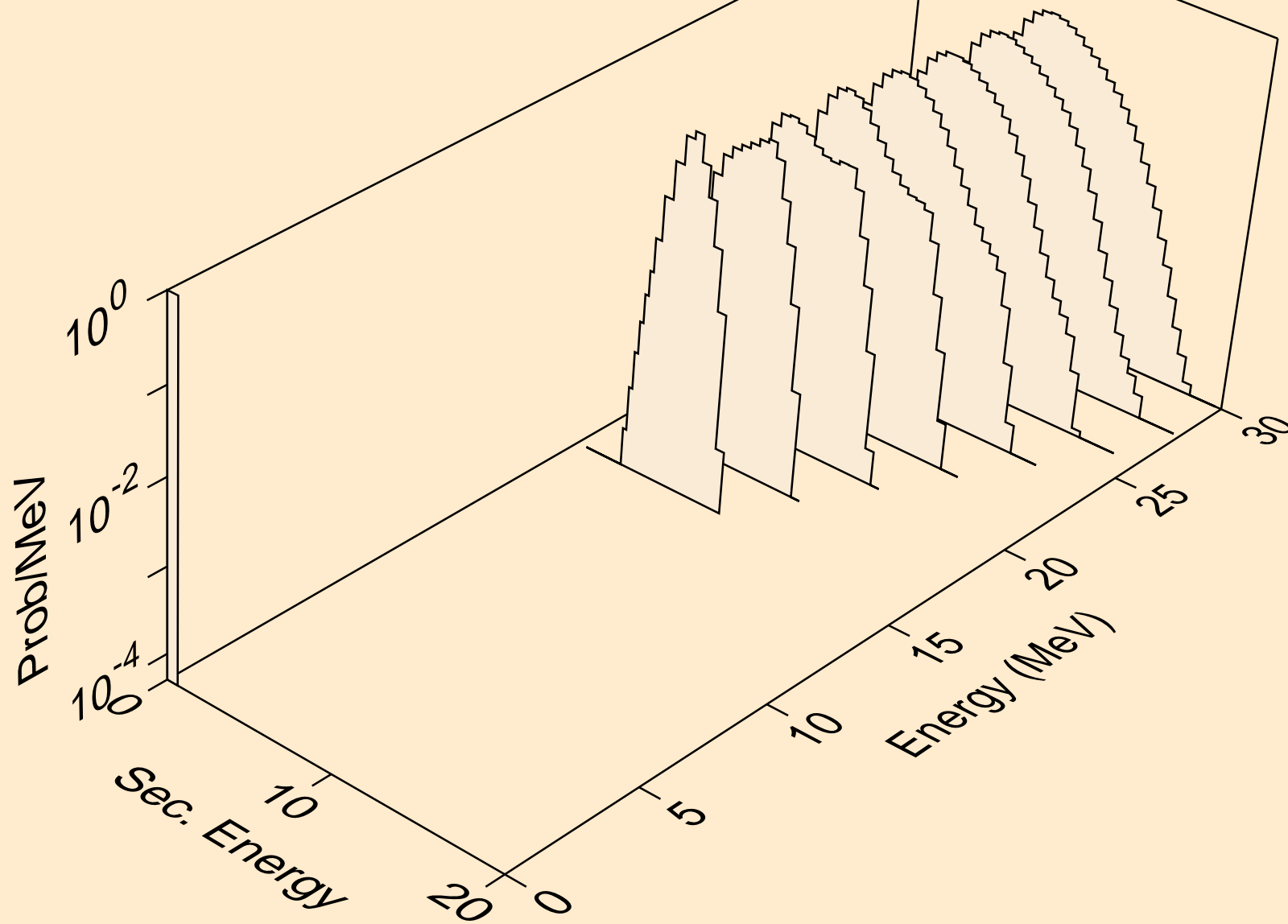
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protons from (n,3np)



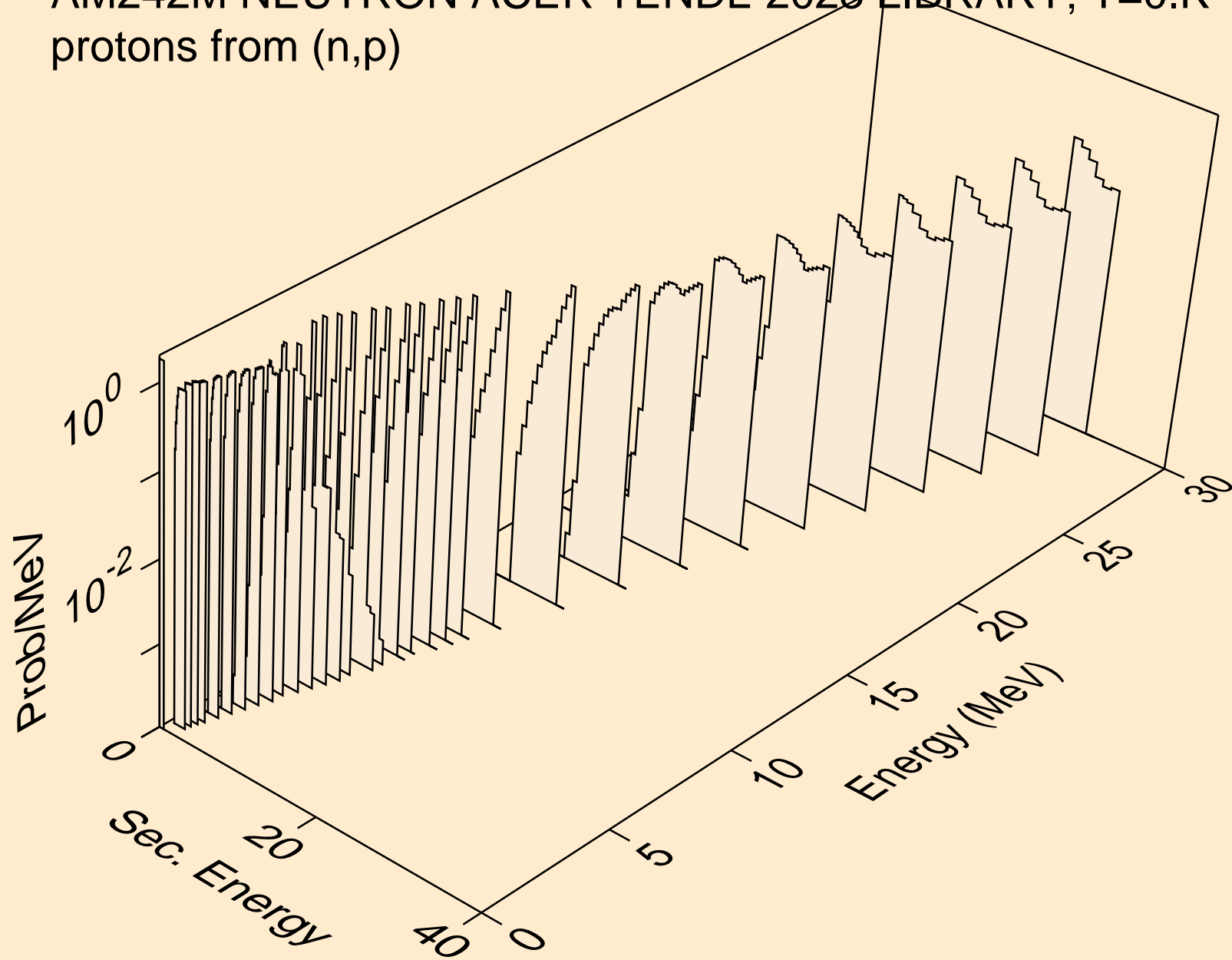
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)

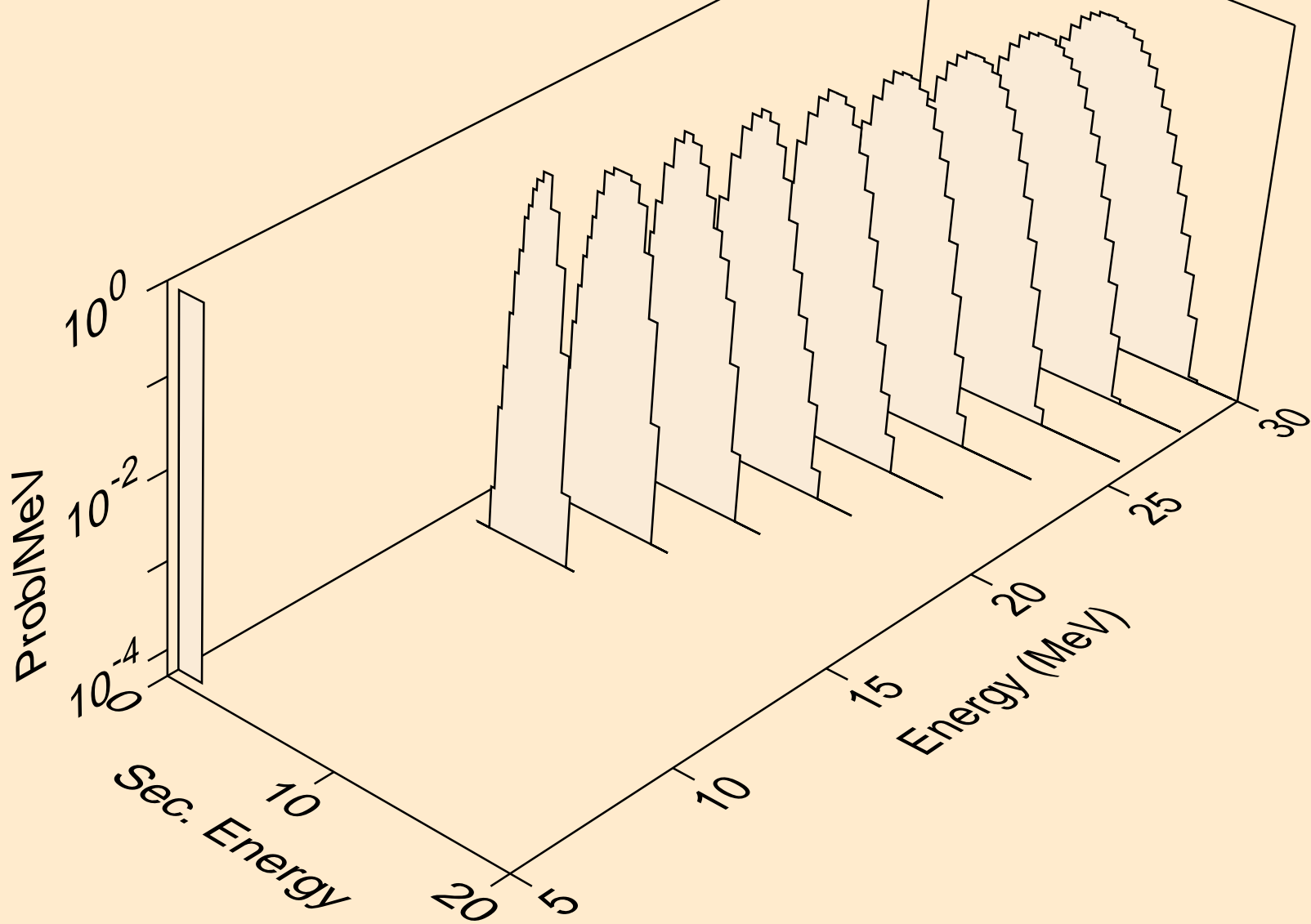


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protons from (n,p)

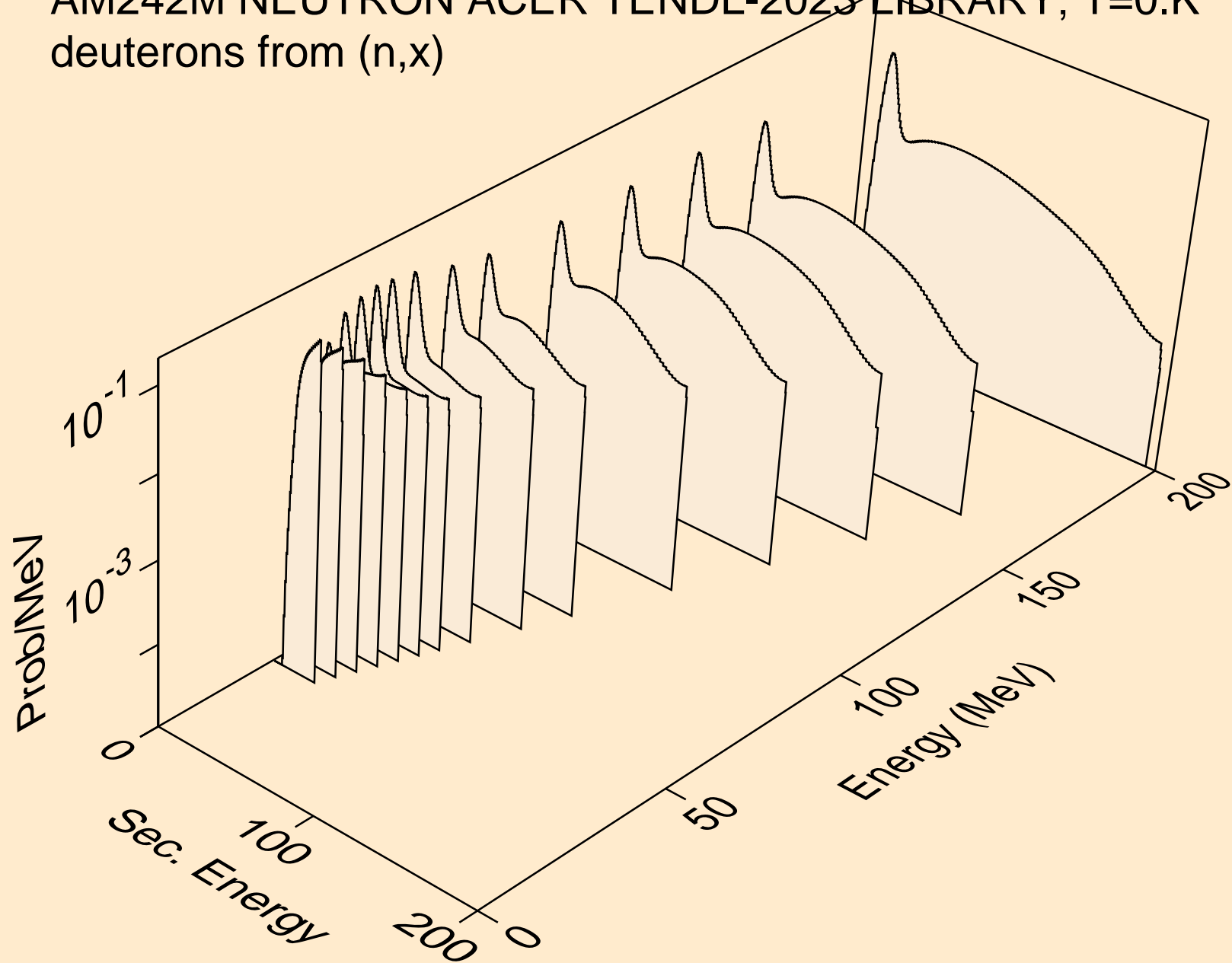




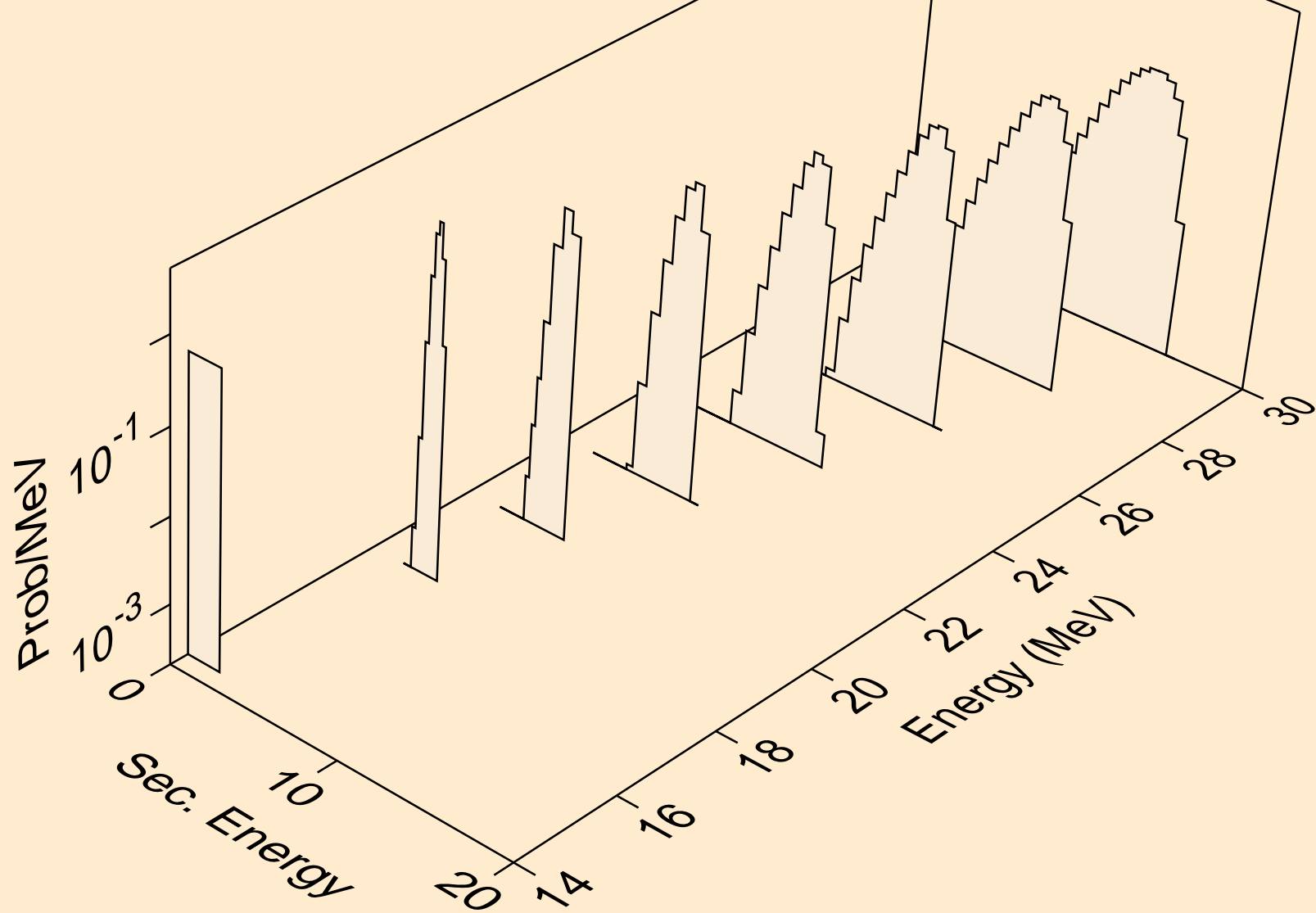
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protons from (n,2p)



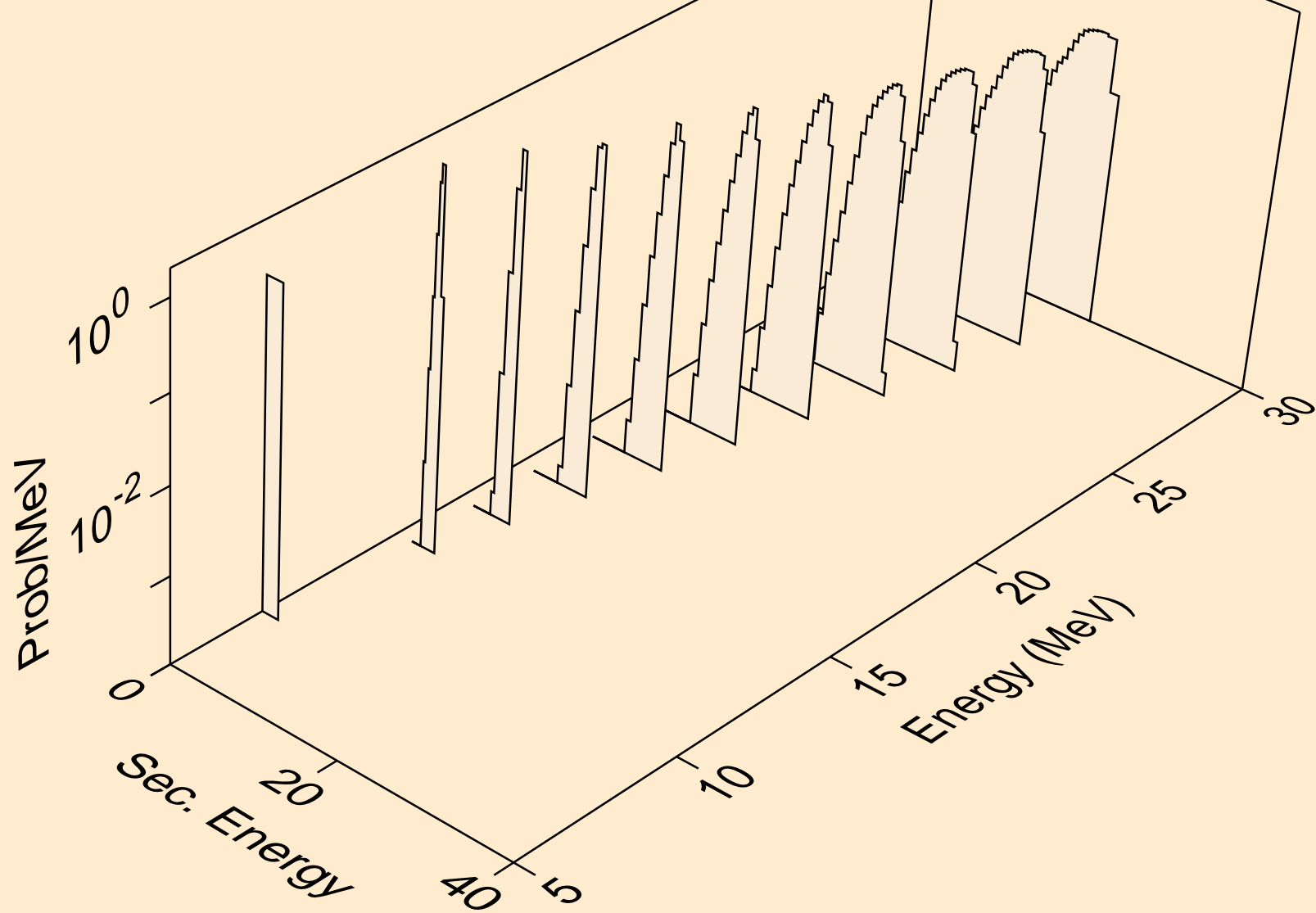
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deuterons from (n,x)



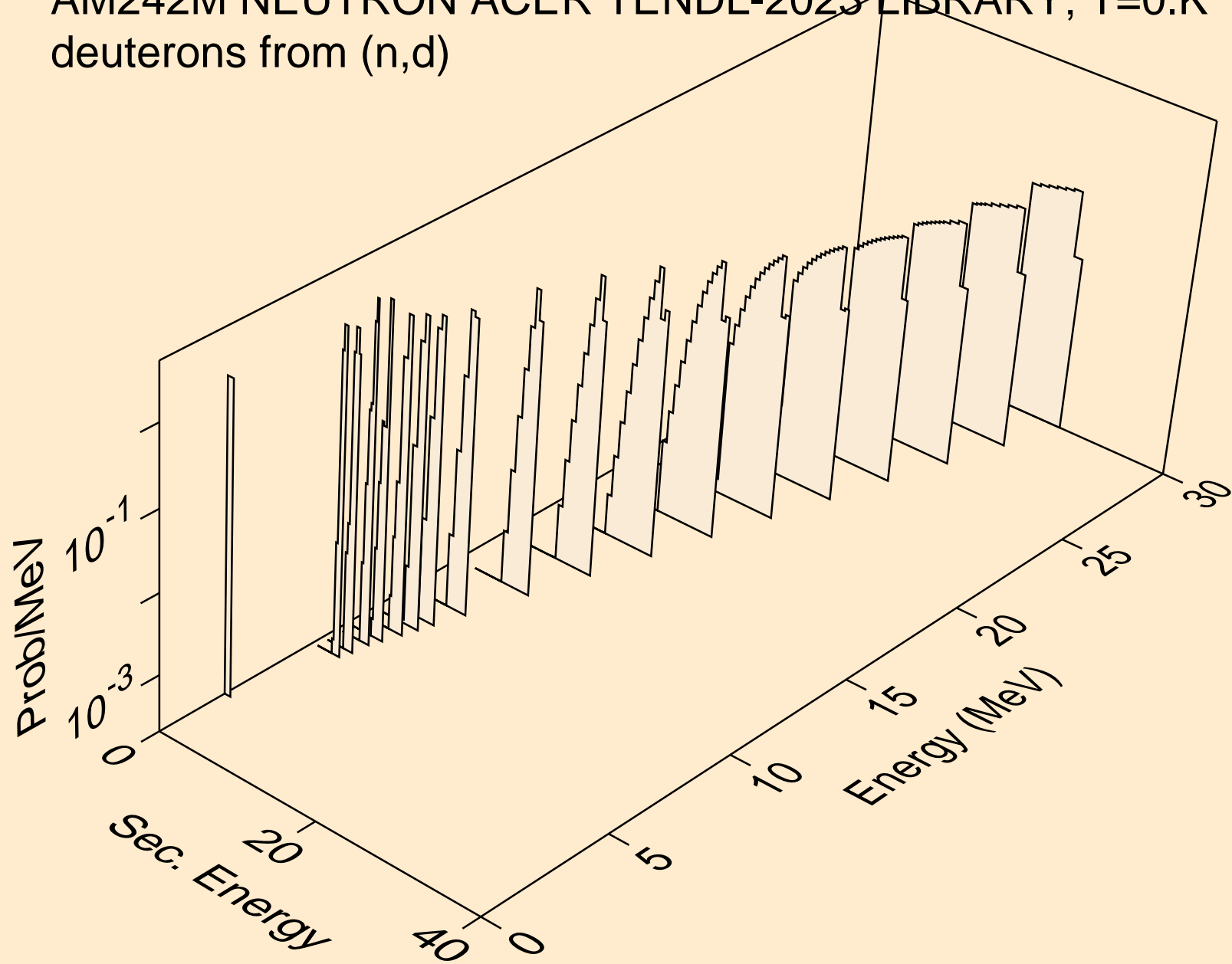
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deuterons from (n,2nd)



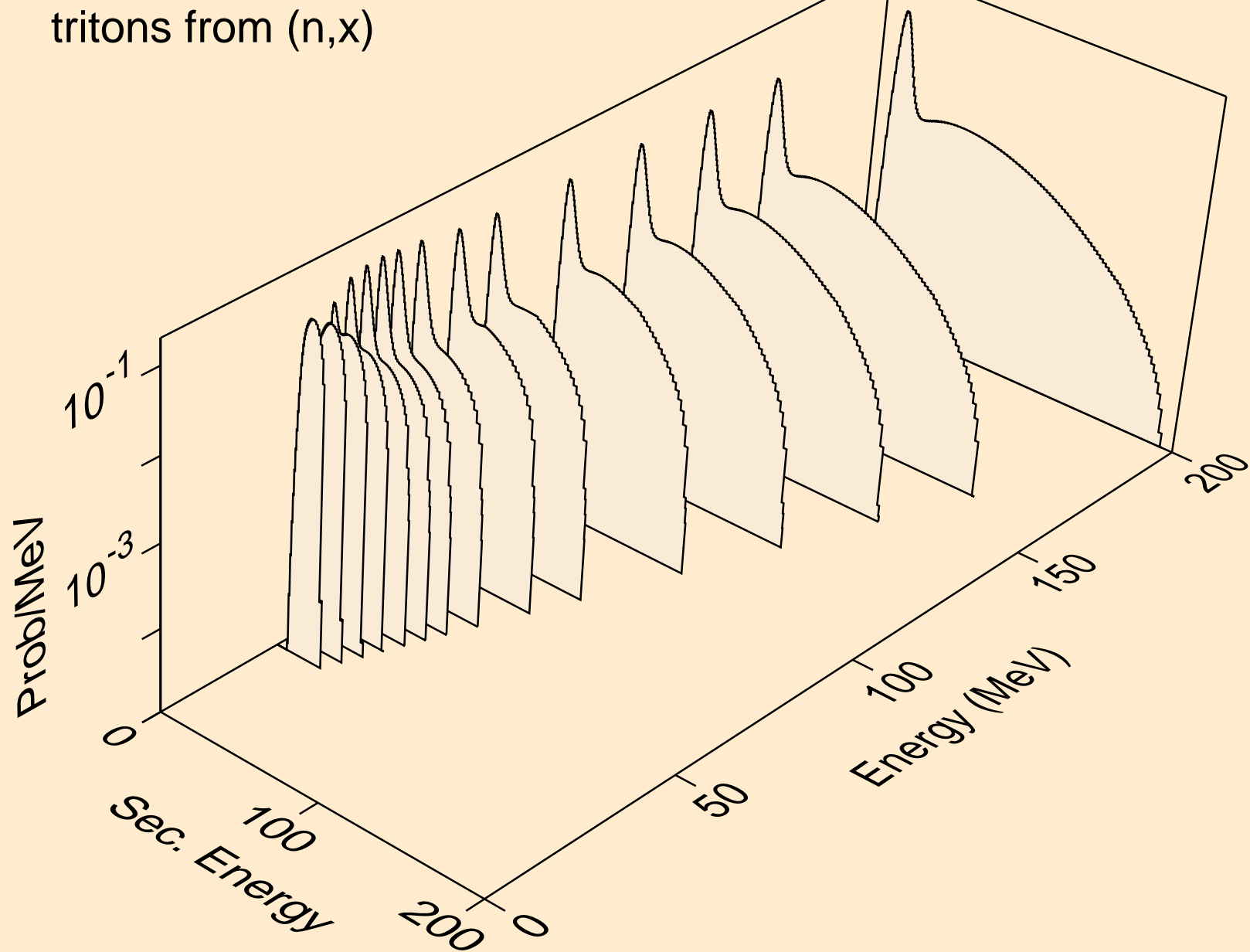
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deuterons from (n,n\*)d



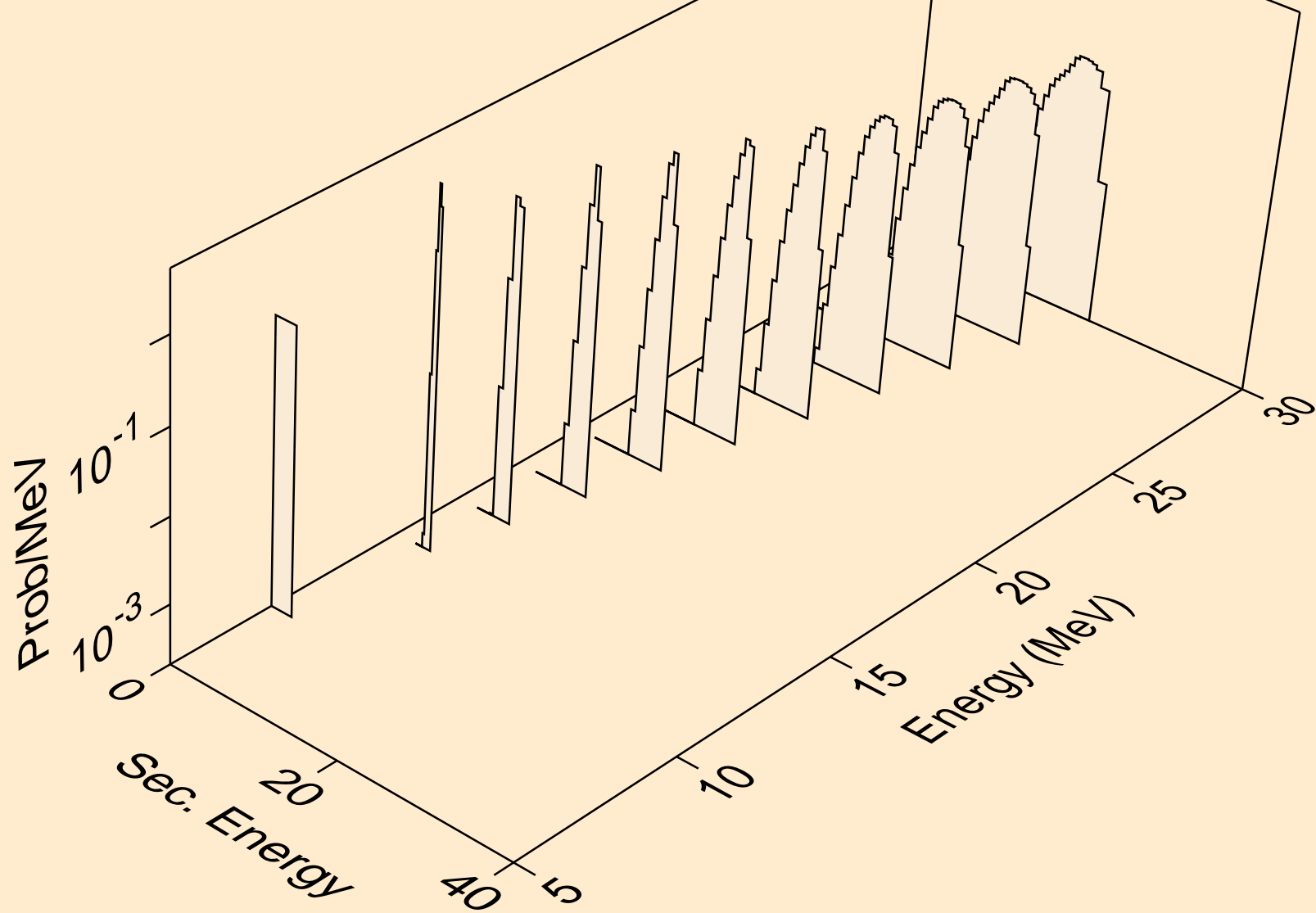
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deuterons from (n,d)



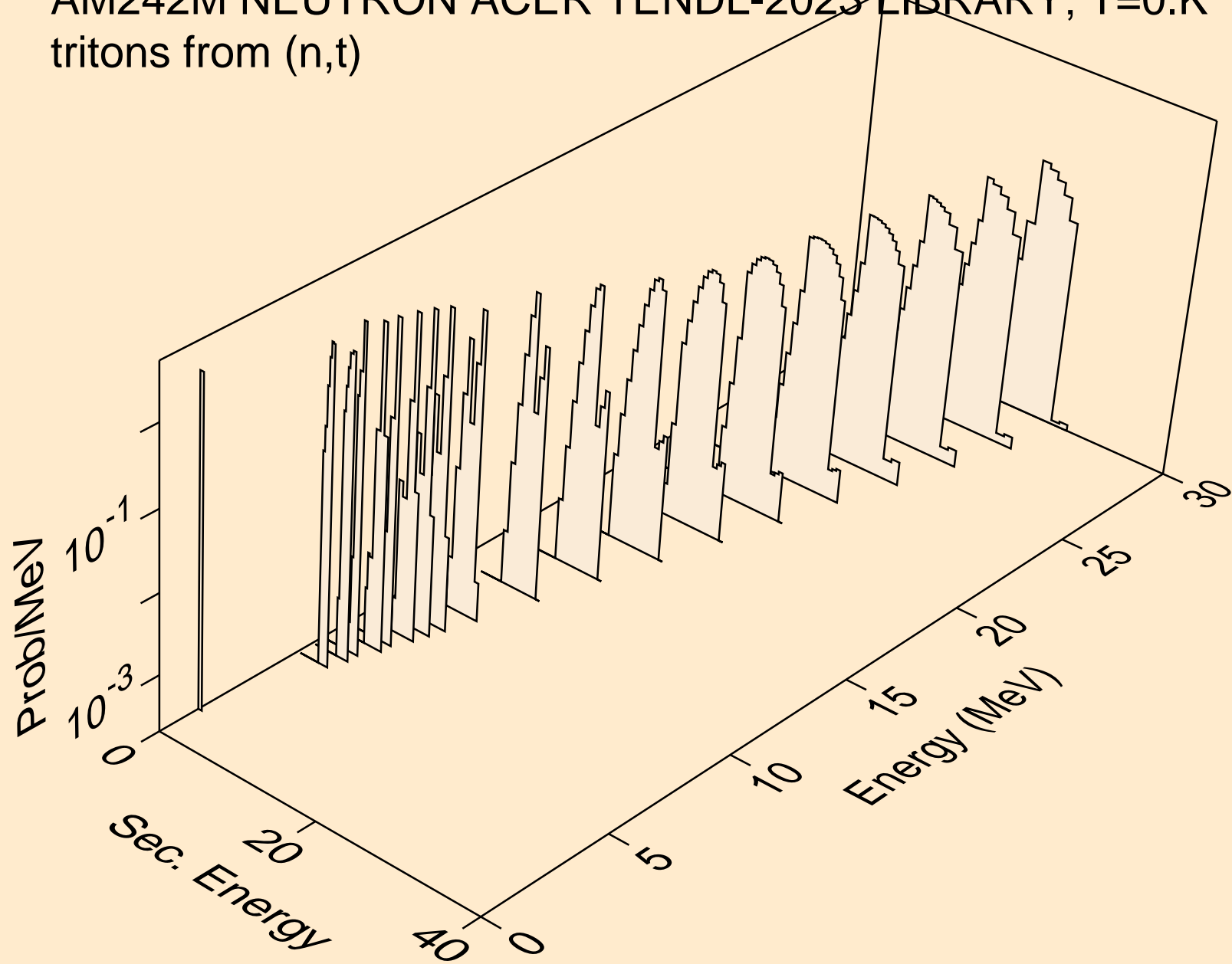
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

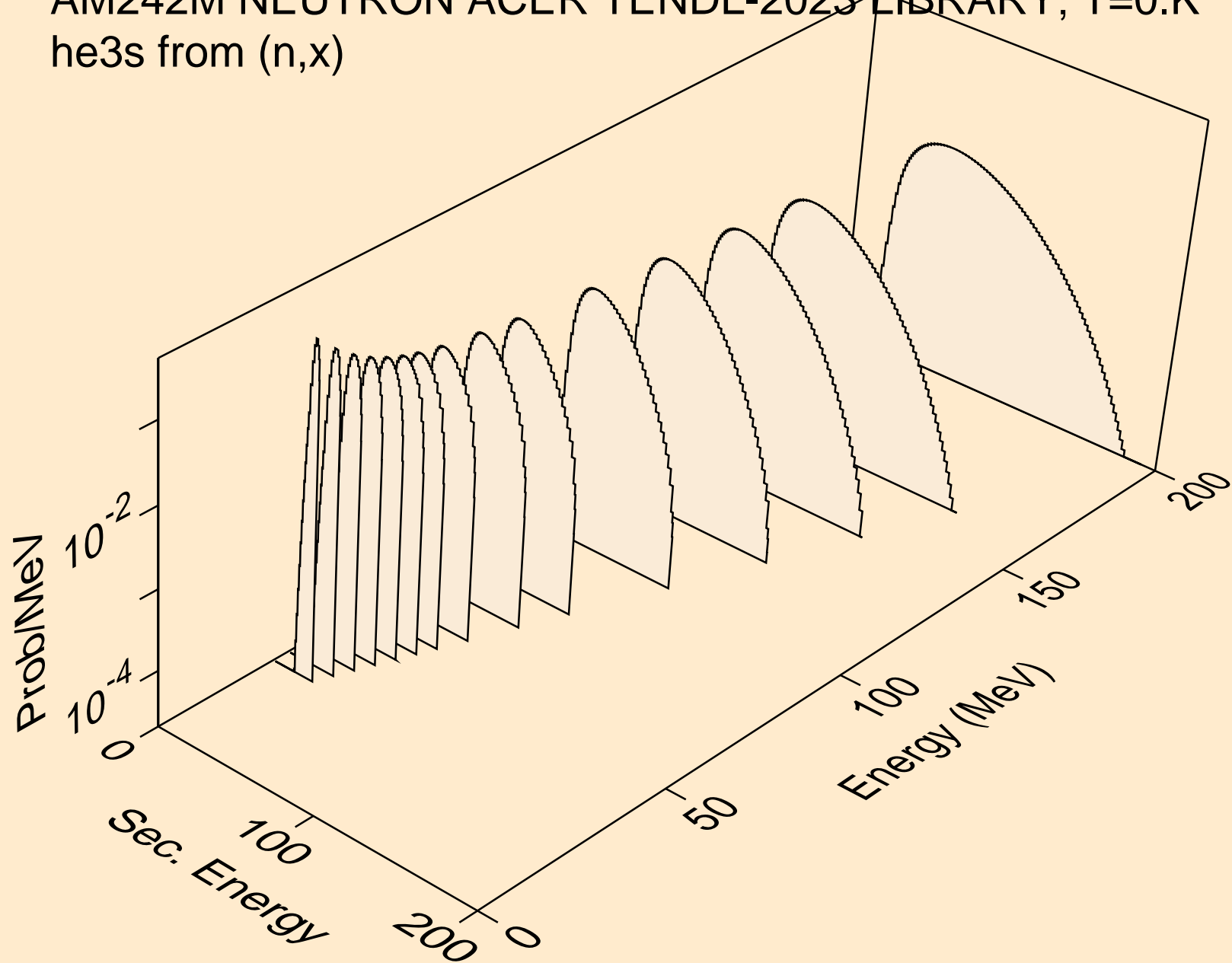


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tritons from (n,t)

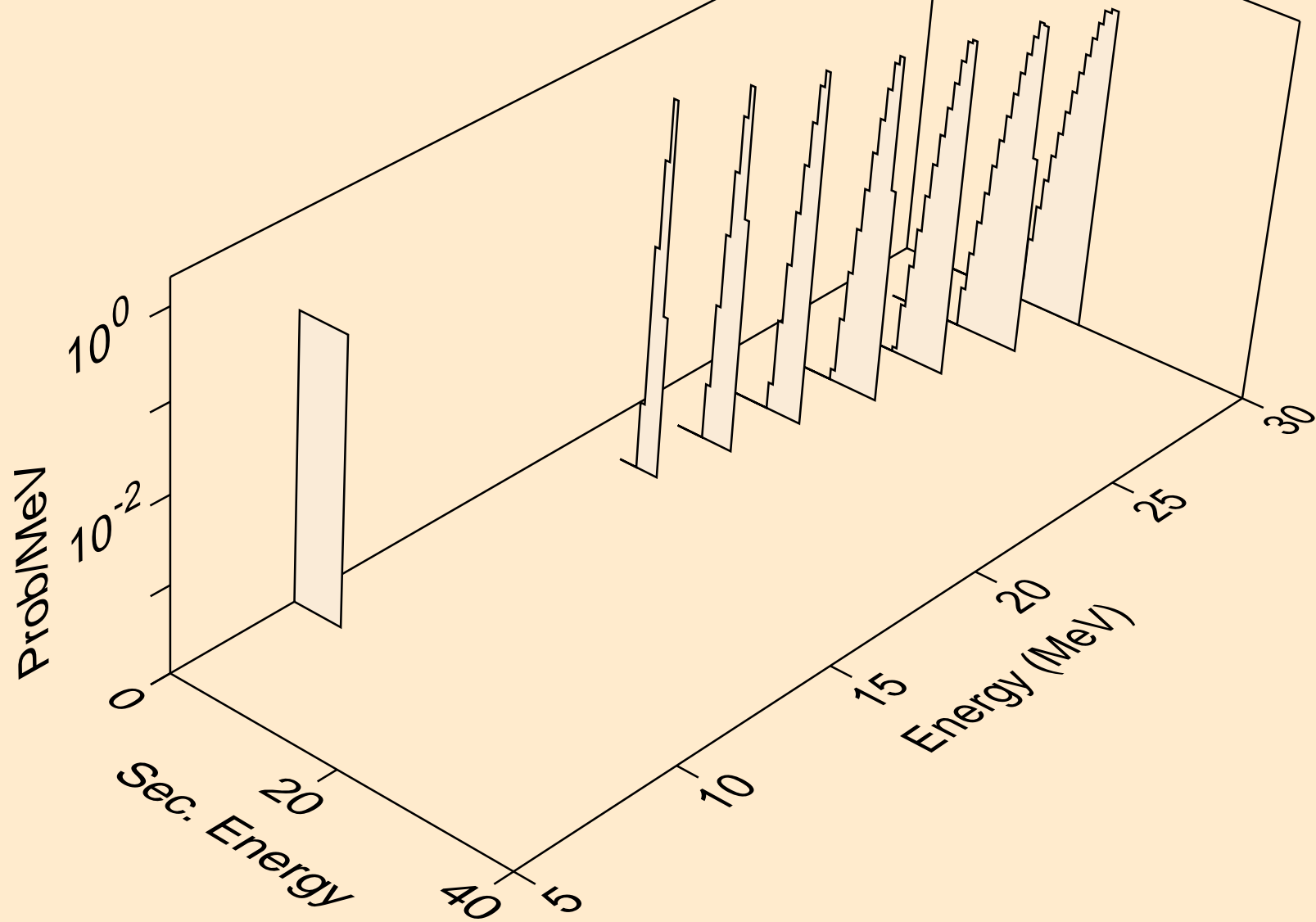




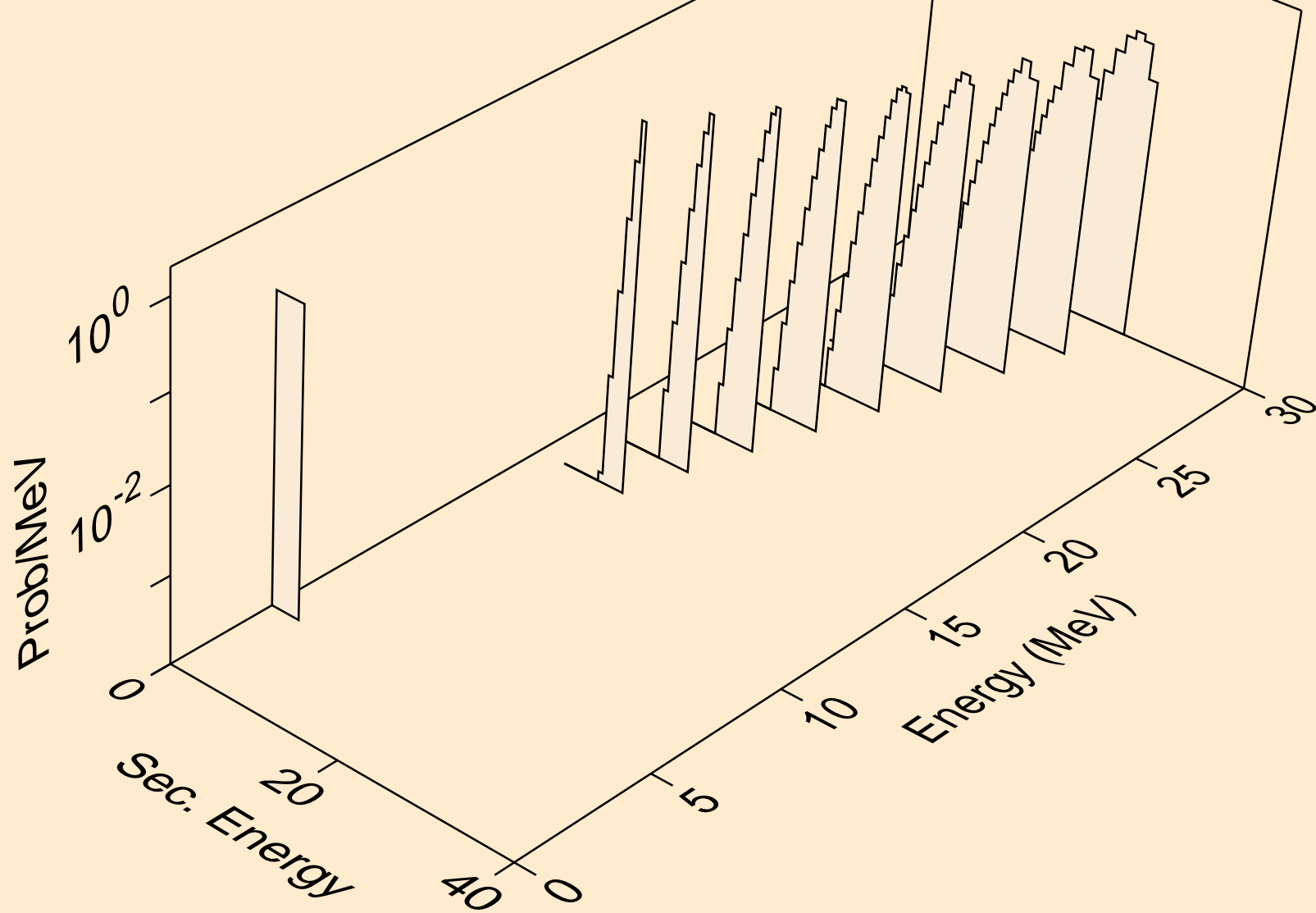
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



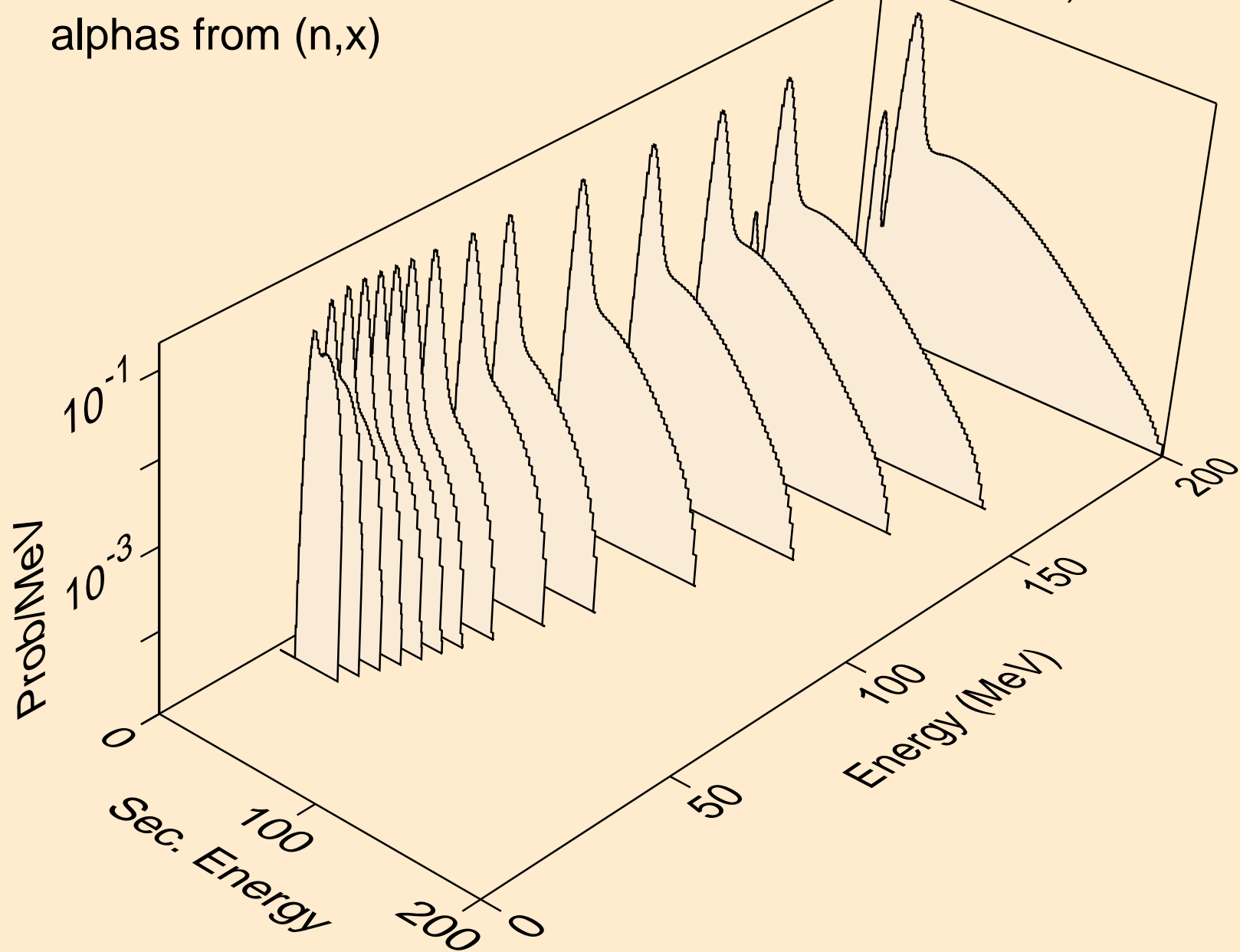
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he3s from (n,n\*)he3



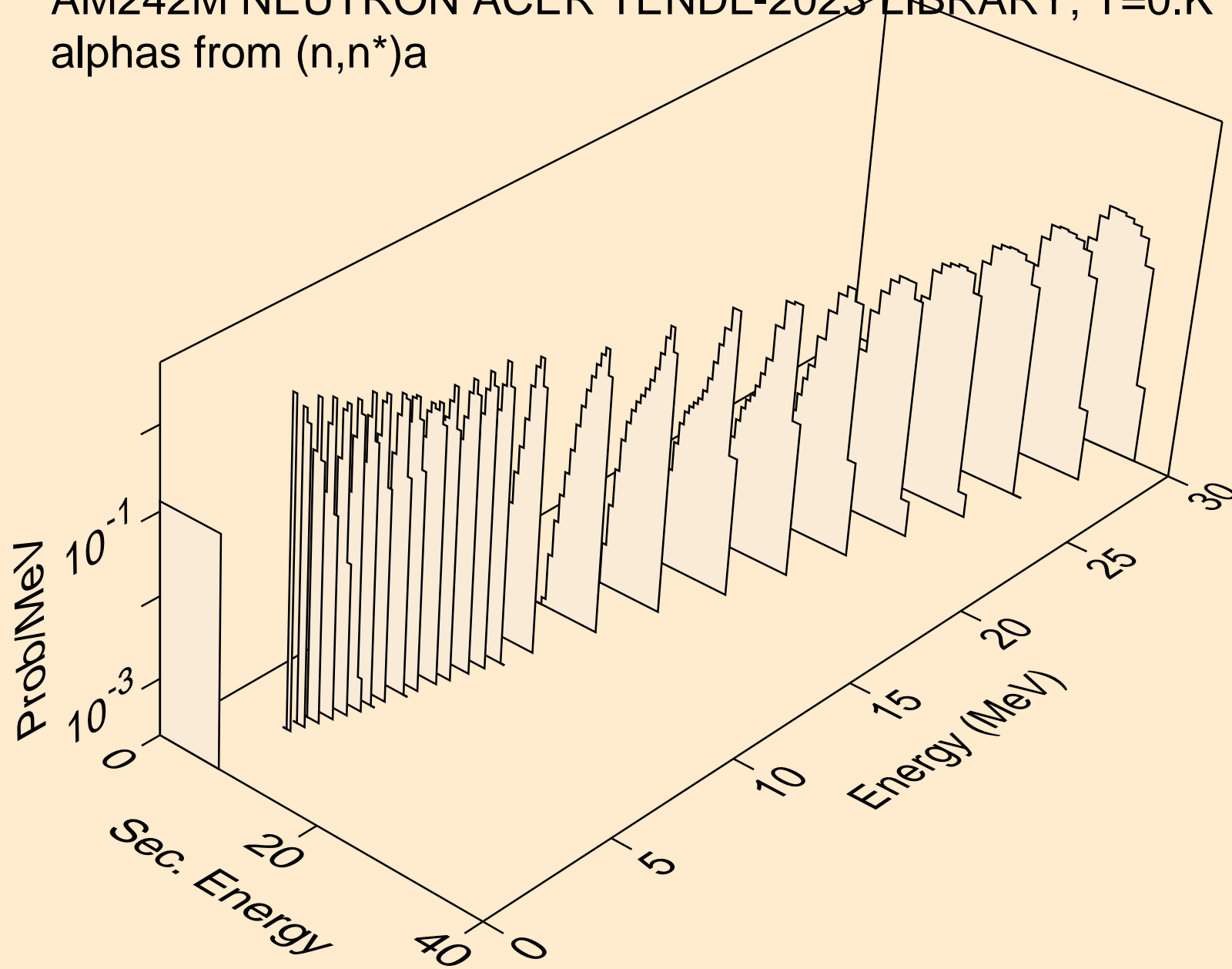
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he3s from (n,he3)



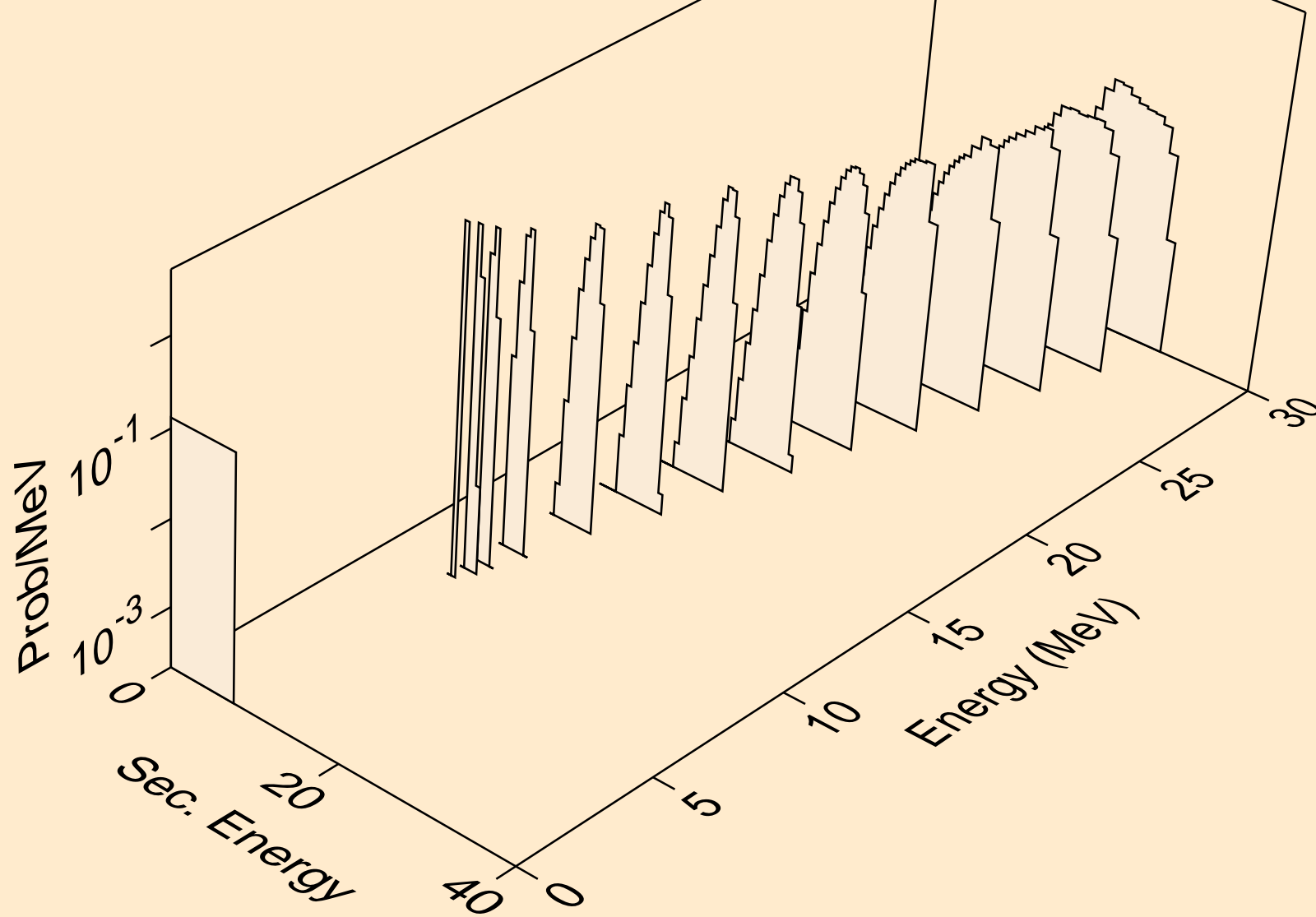
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



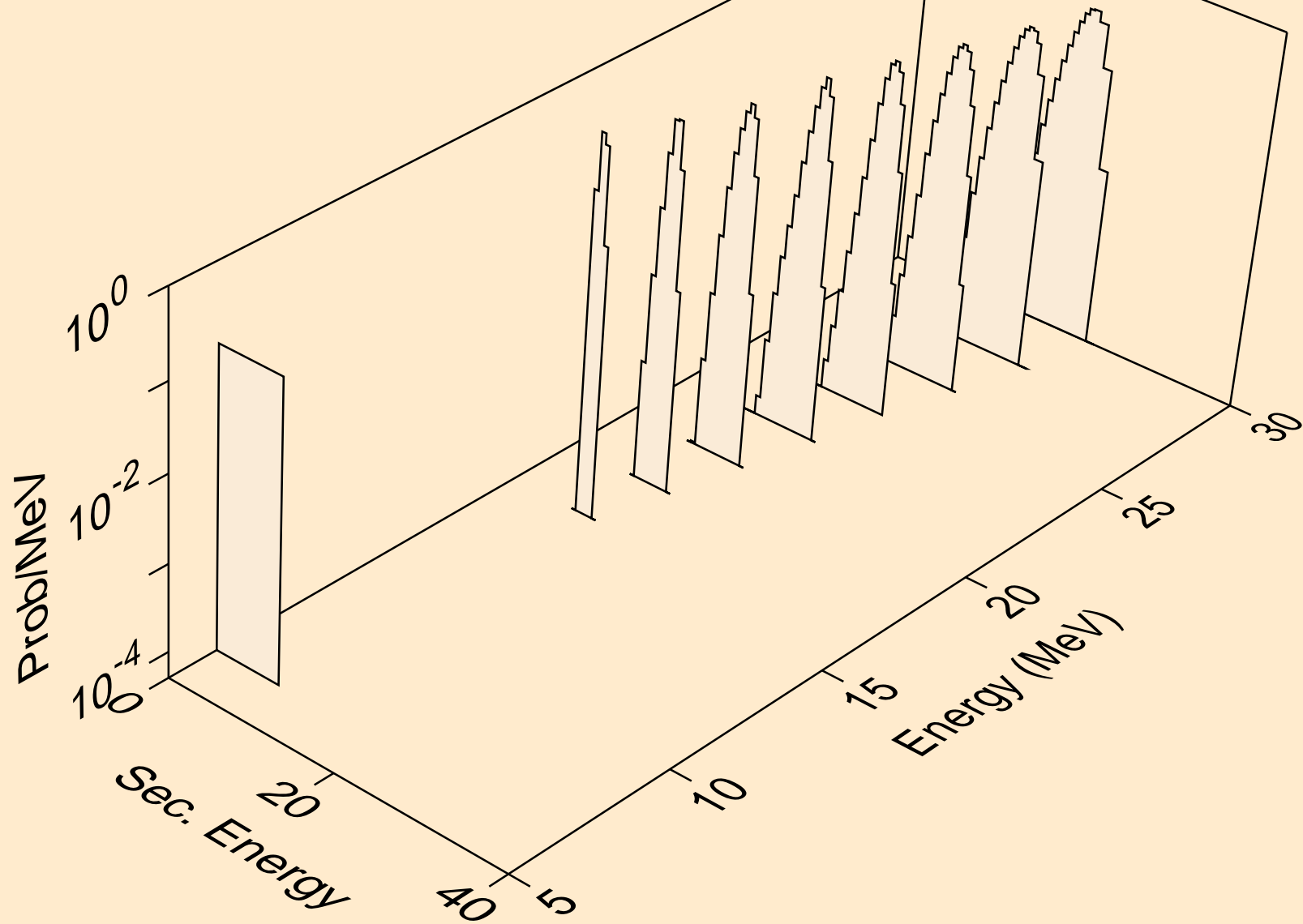
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alphas from (n,n\*)a



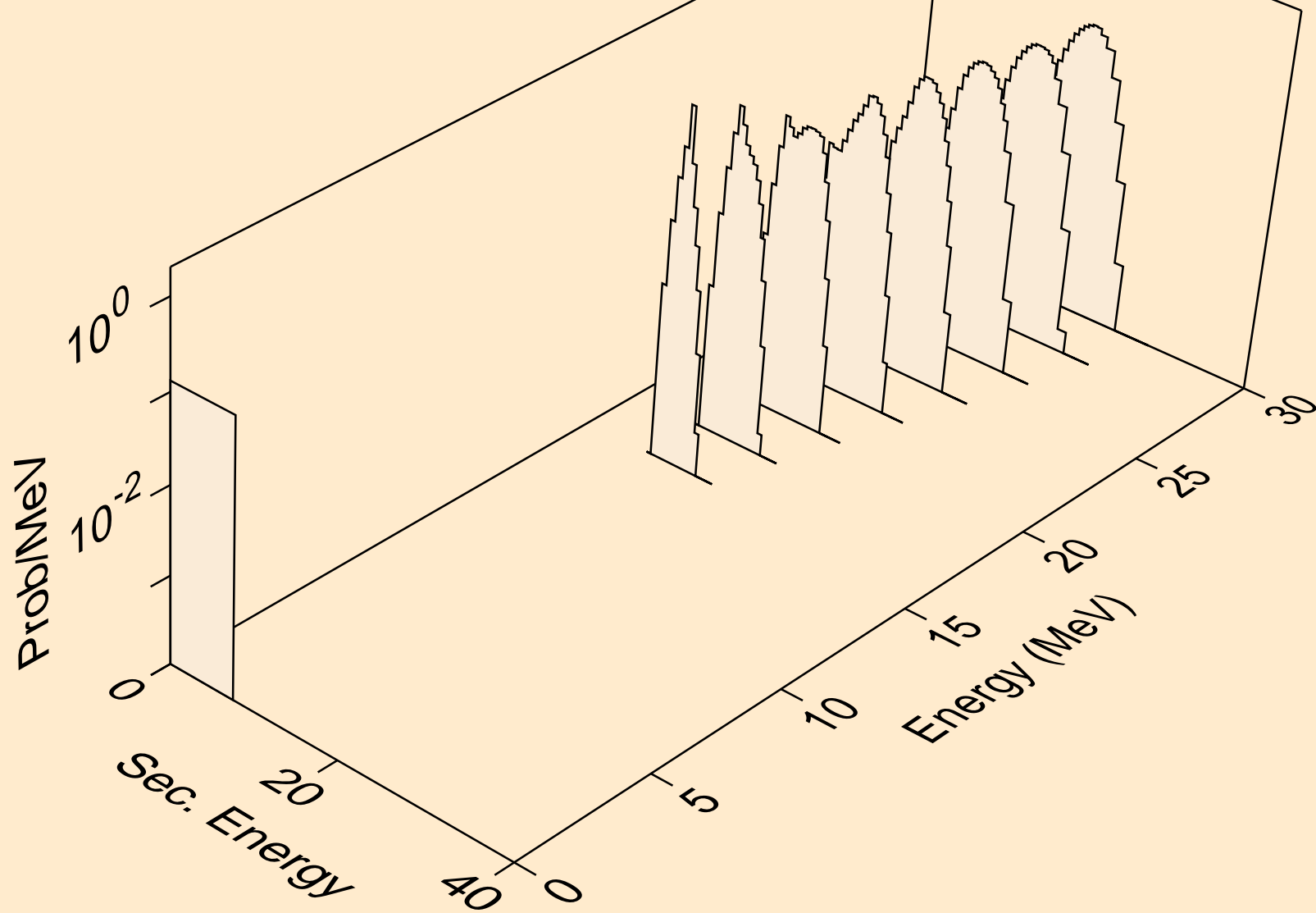
AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)





AM242M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

