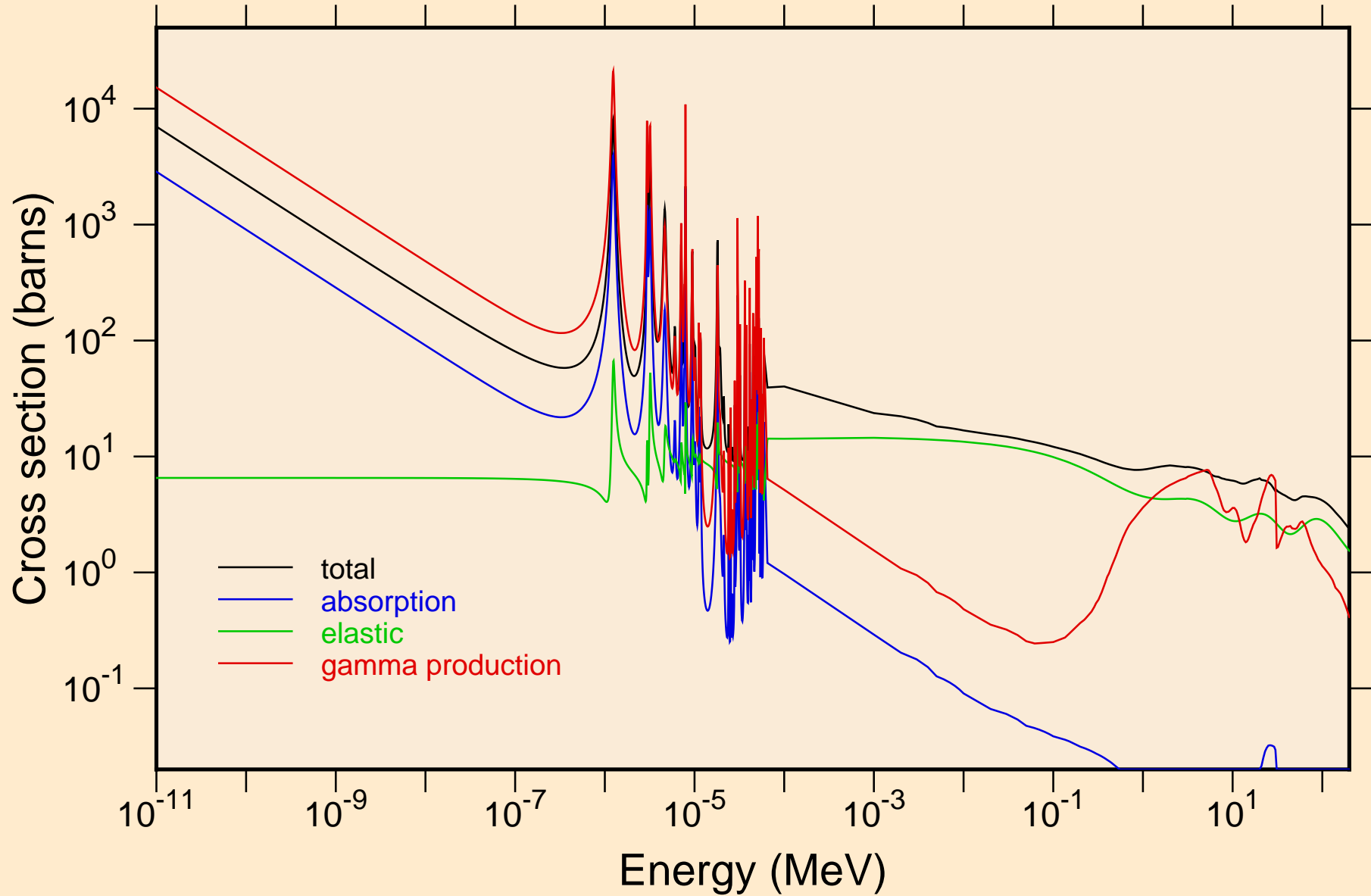
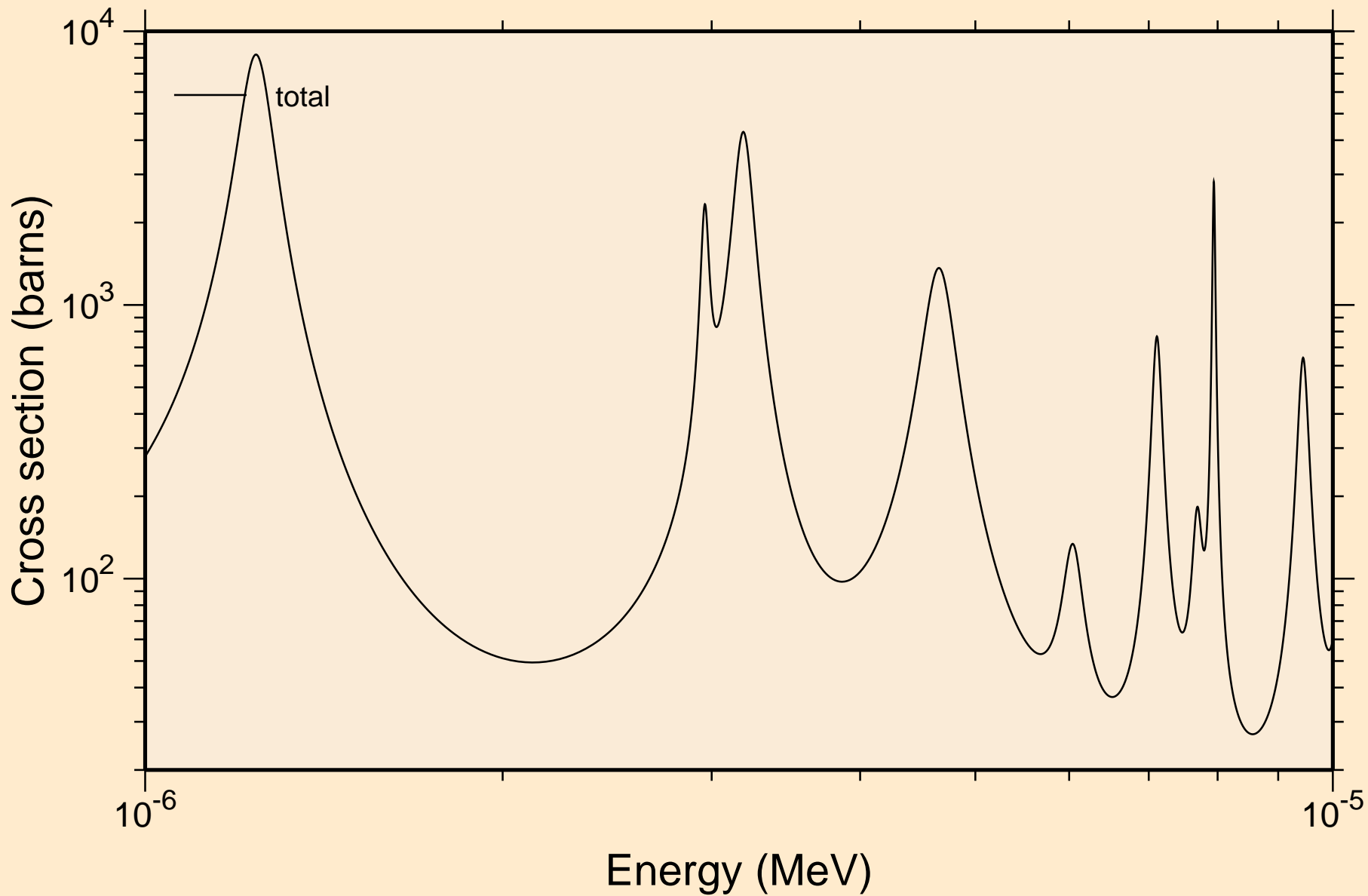


# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

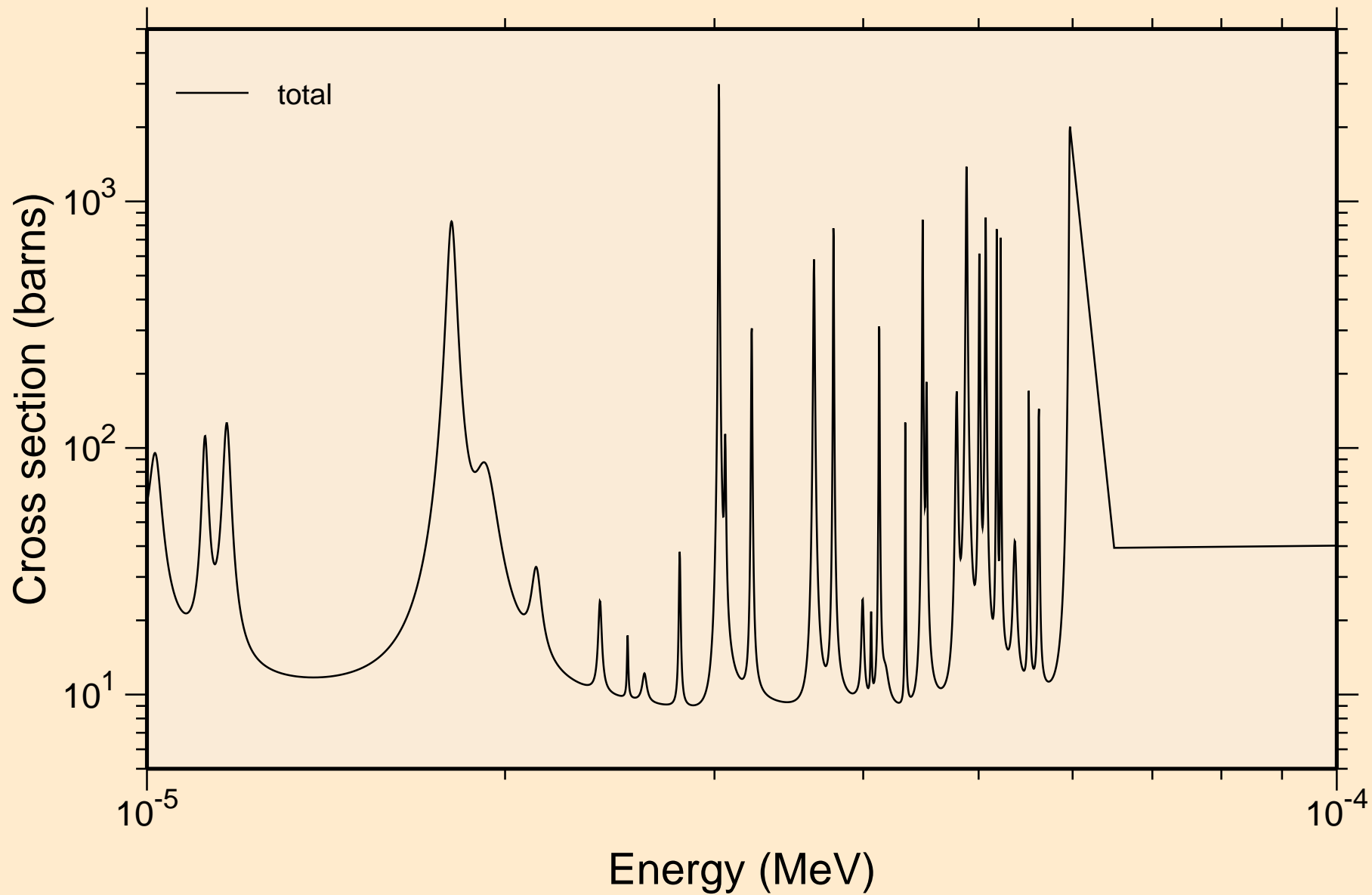
## Principal cross sections



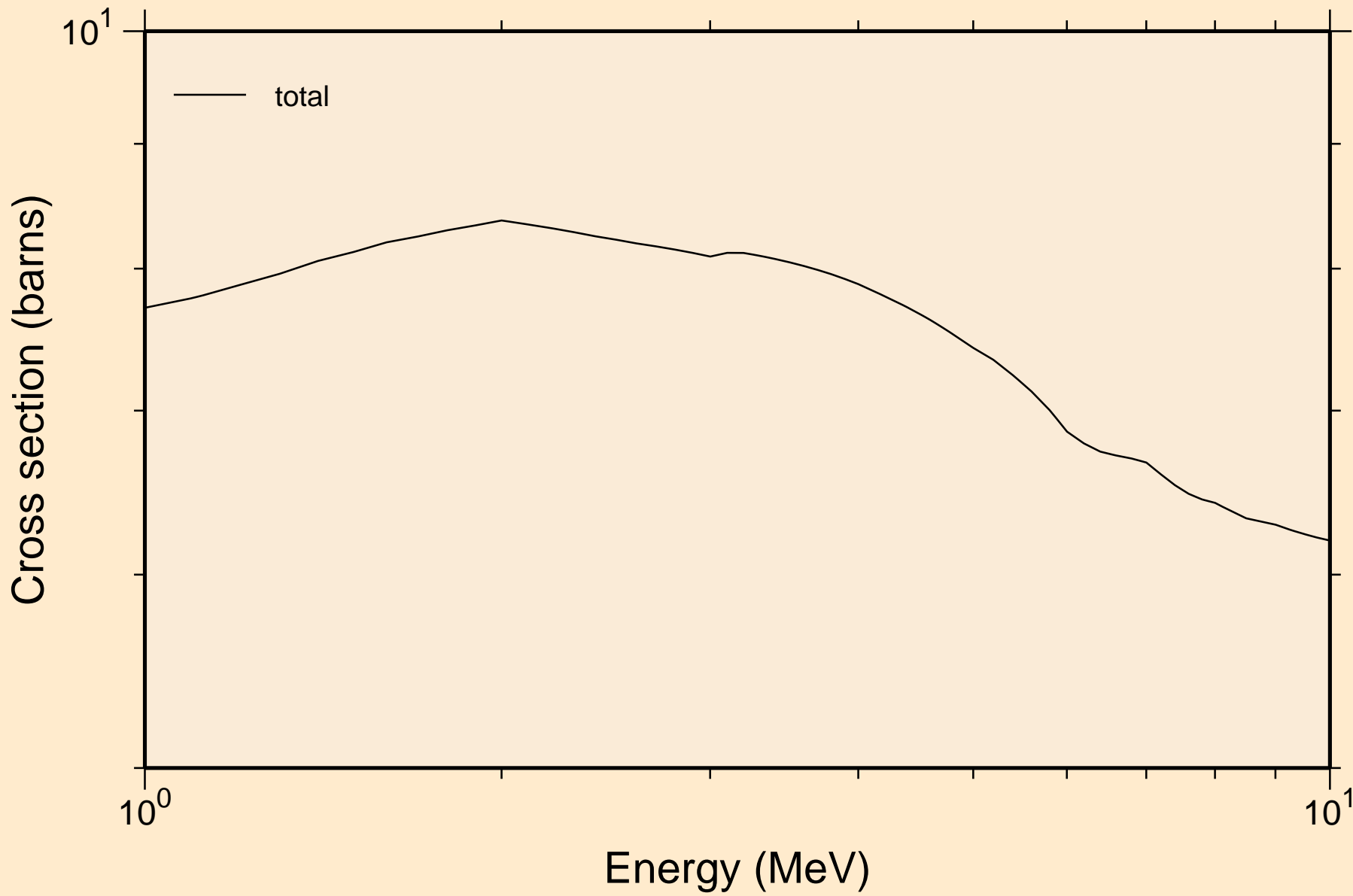
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



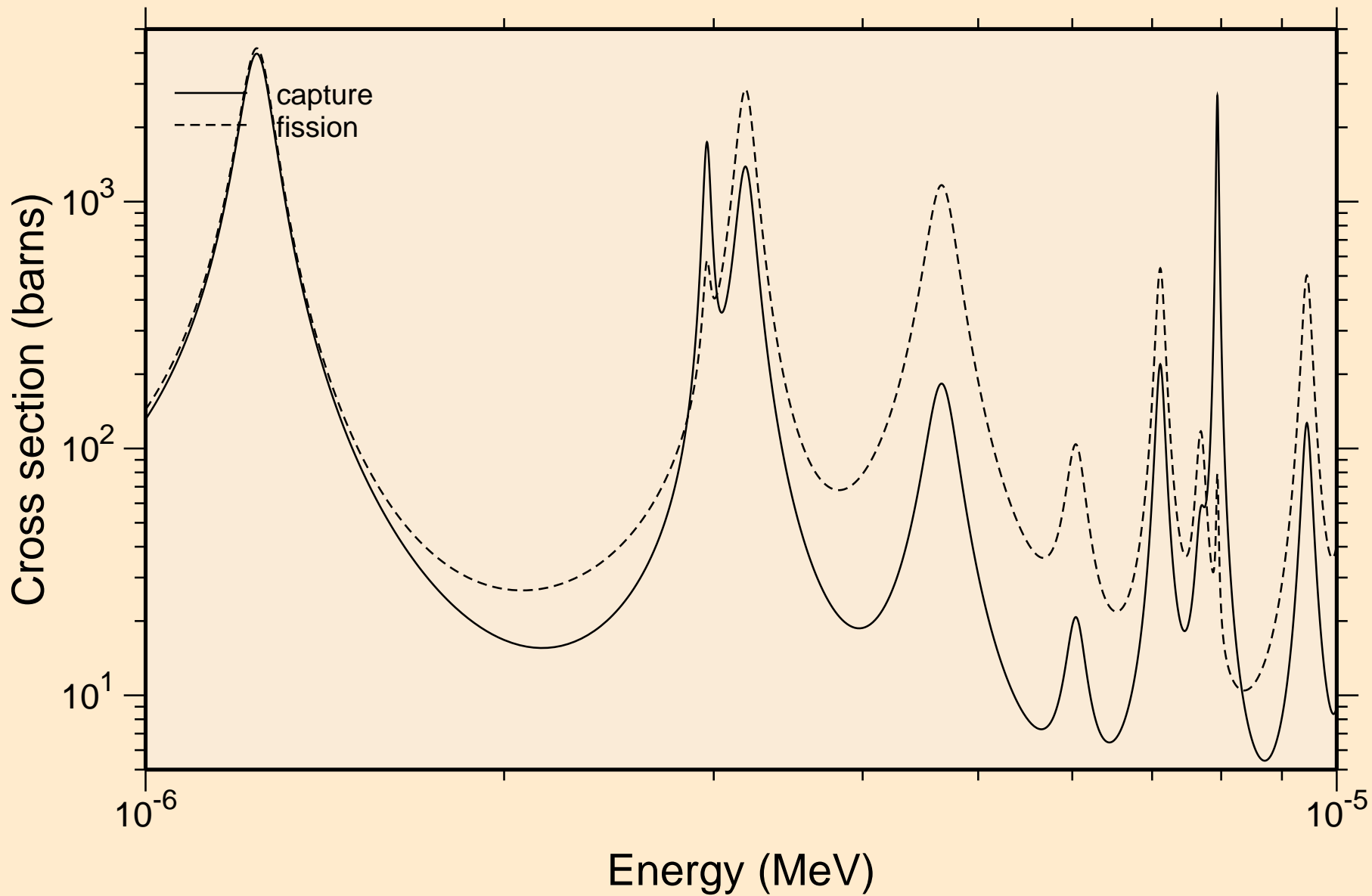
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



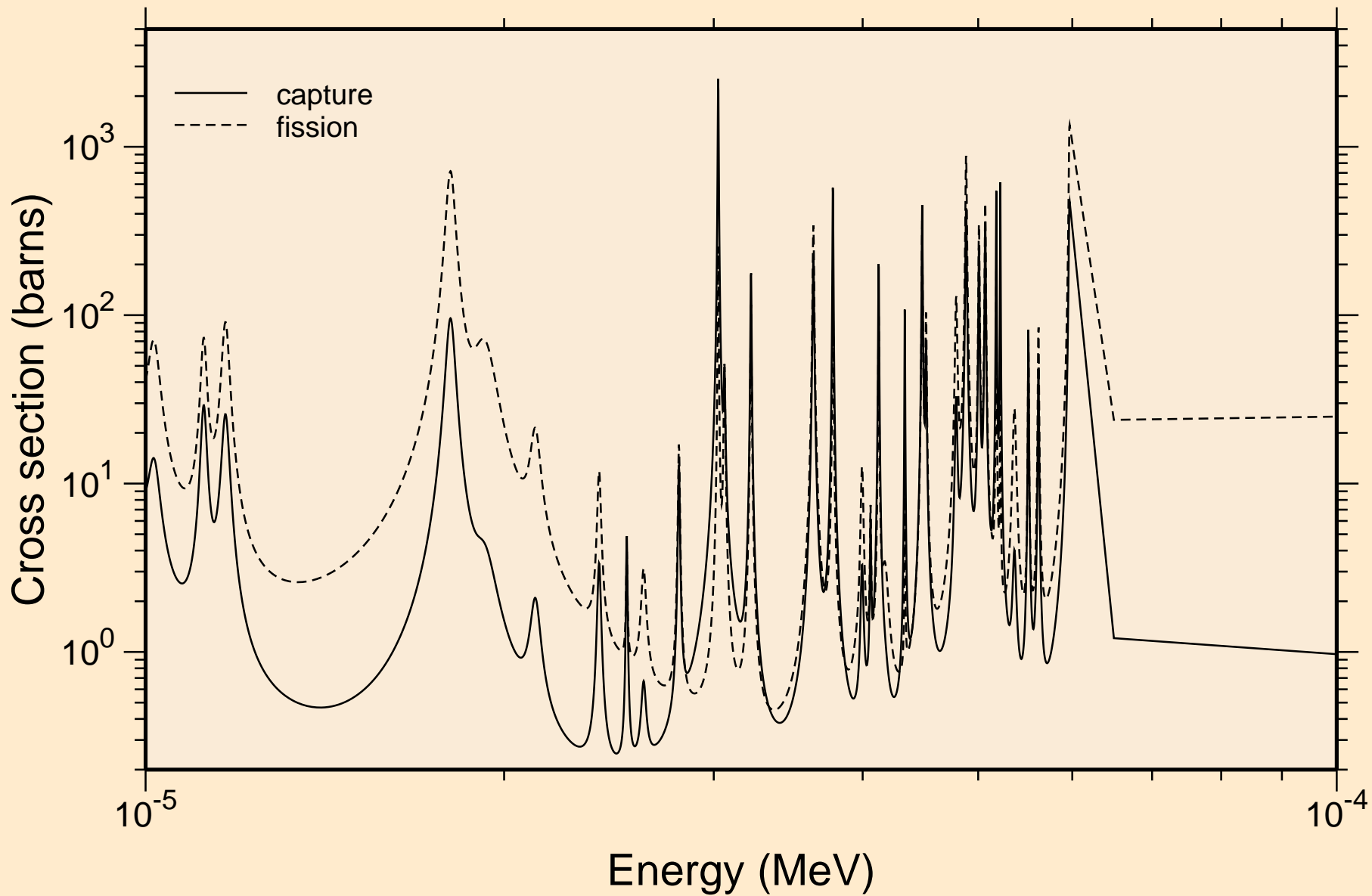
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



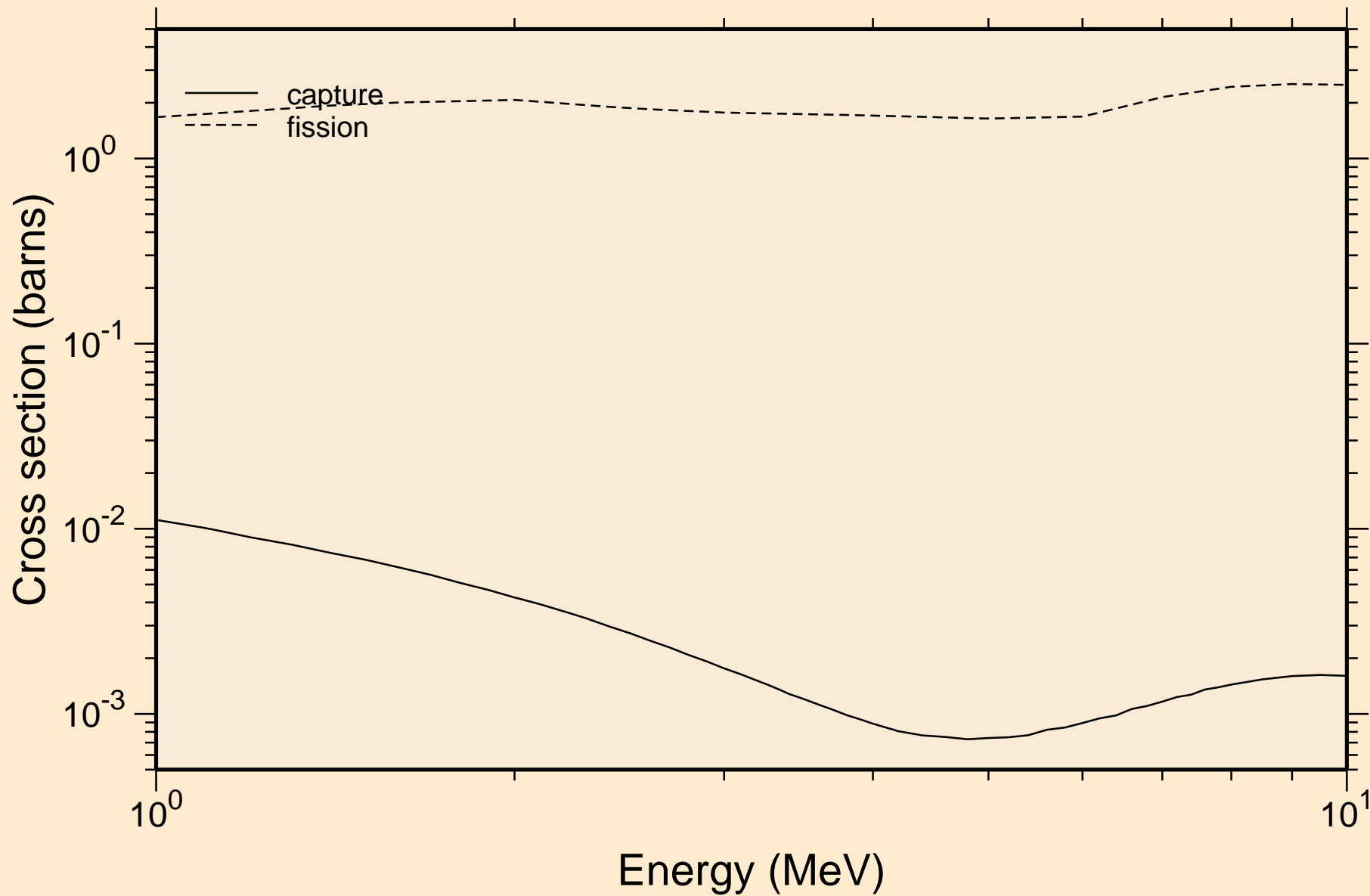
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

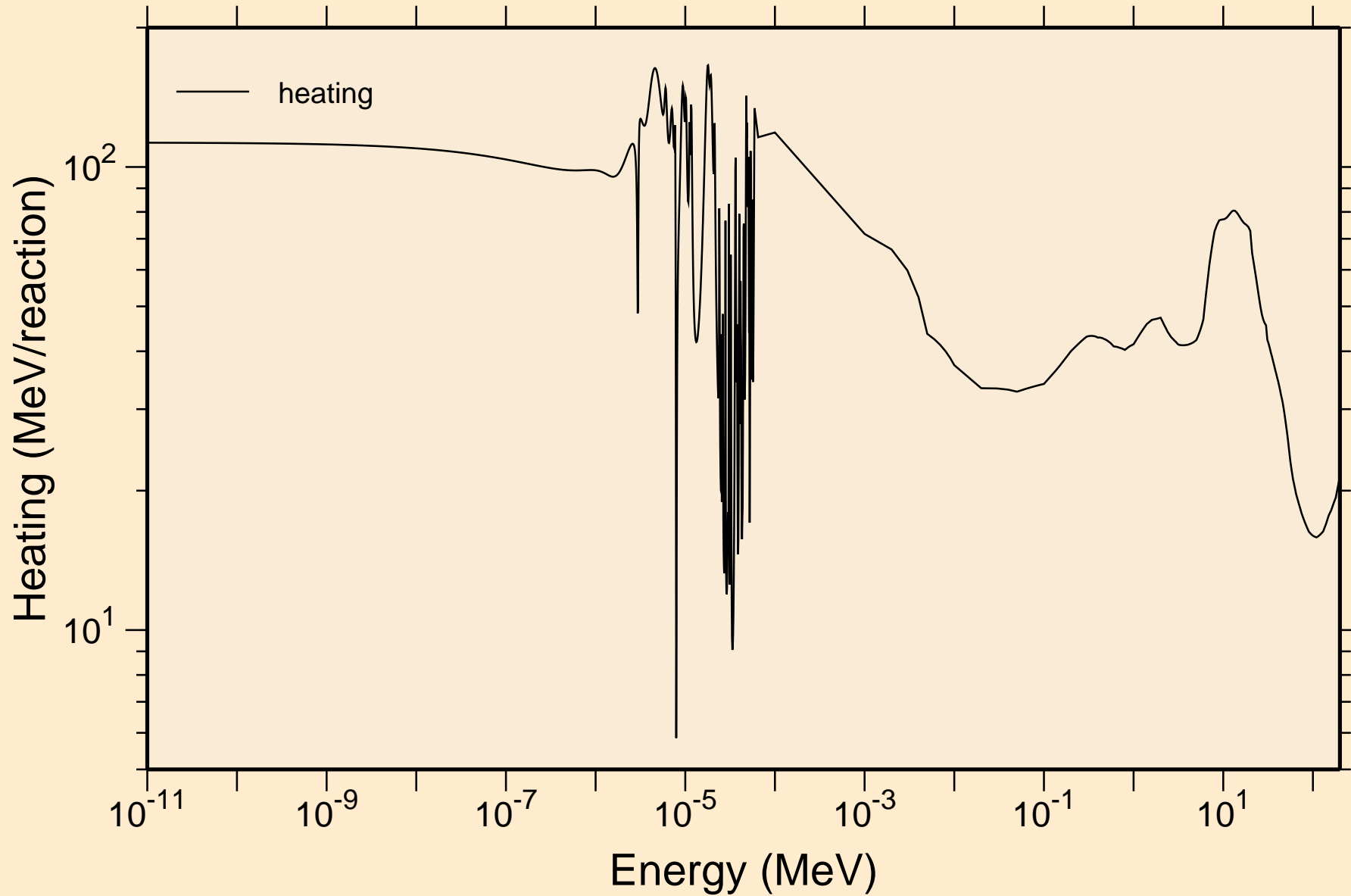


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

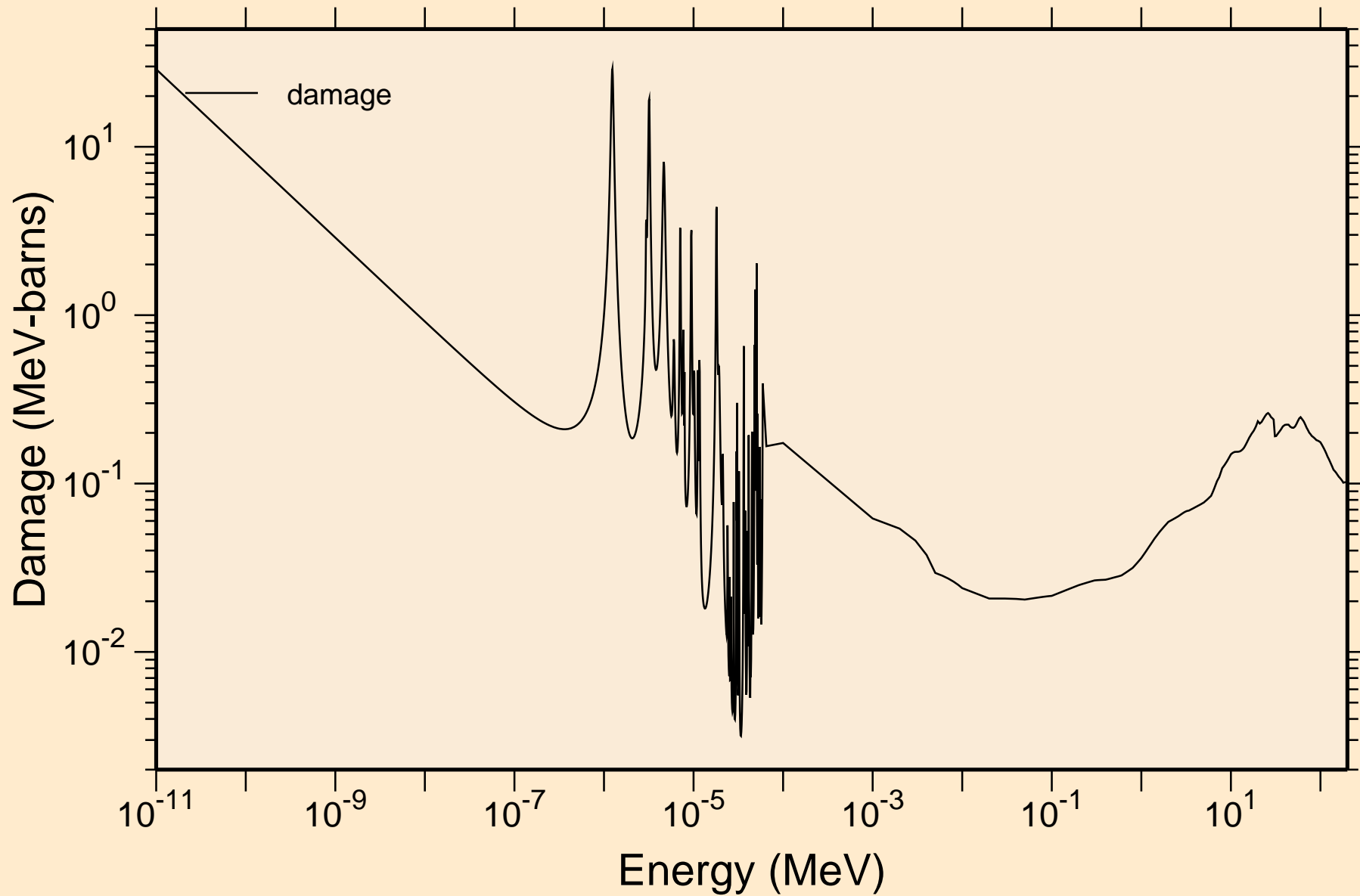
## Heating





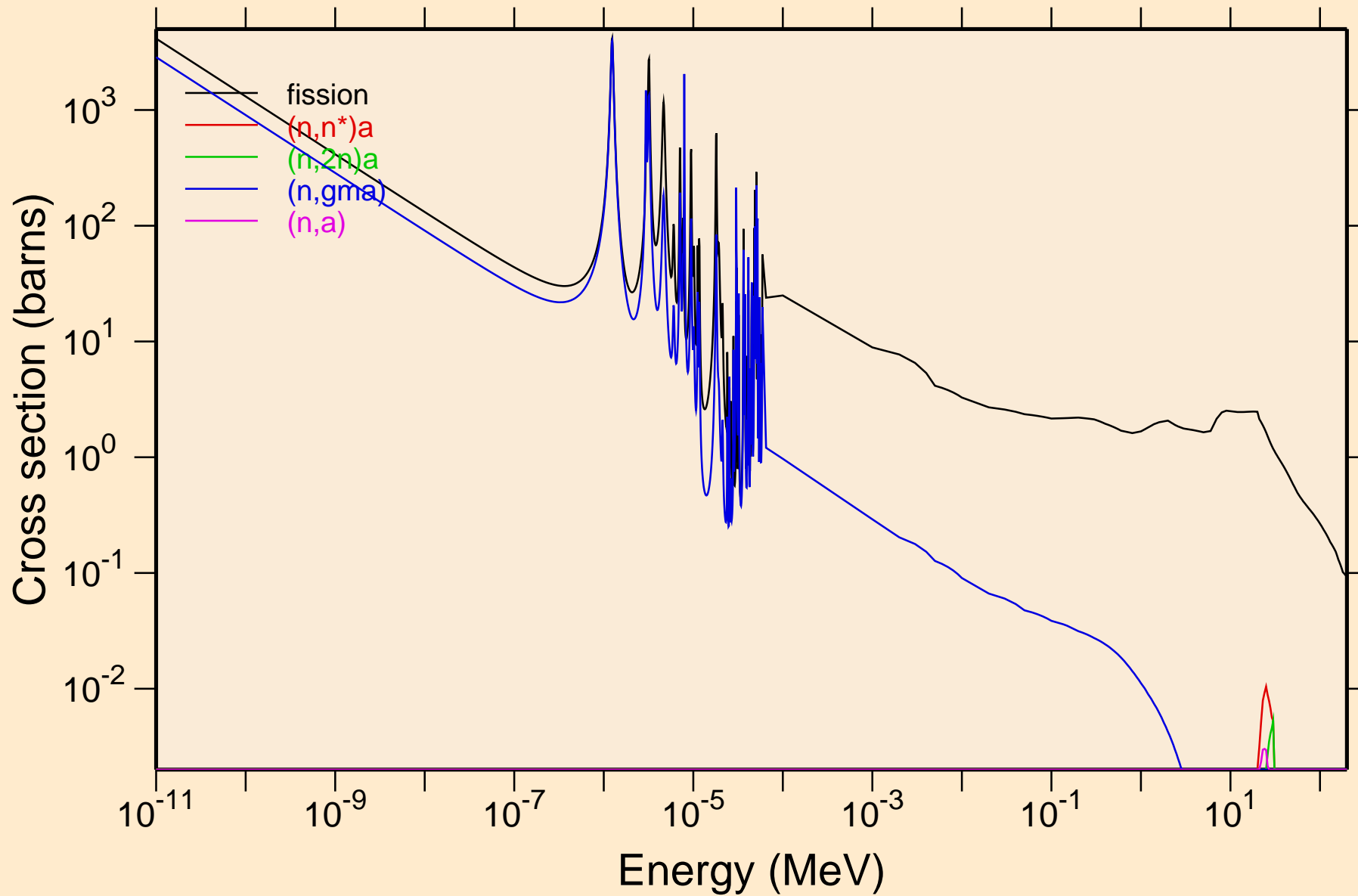
# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

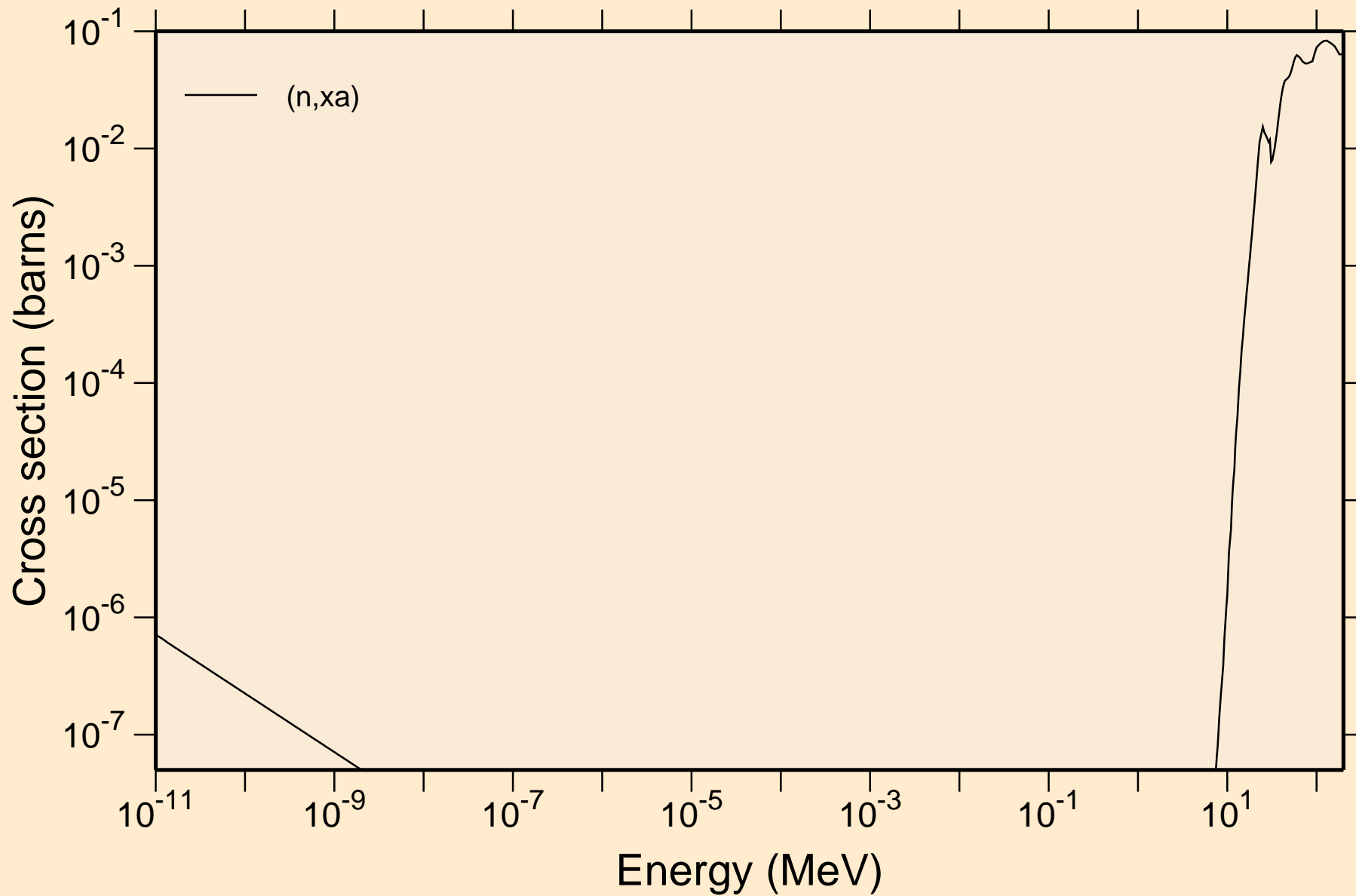


# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

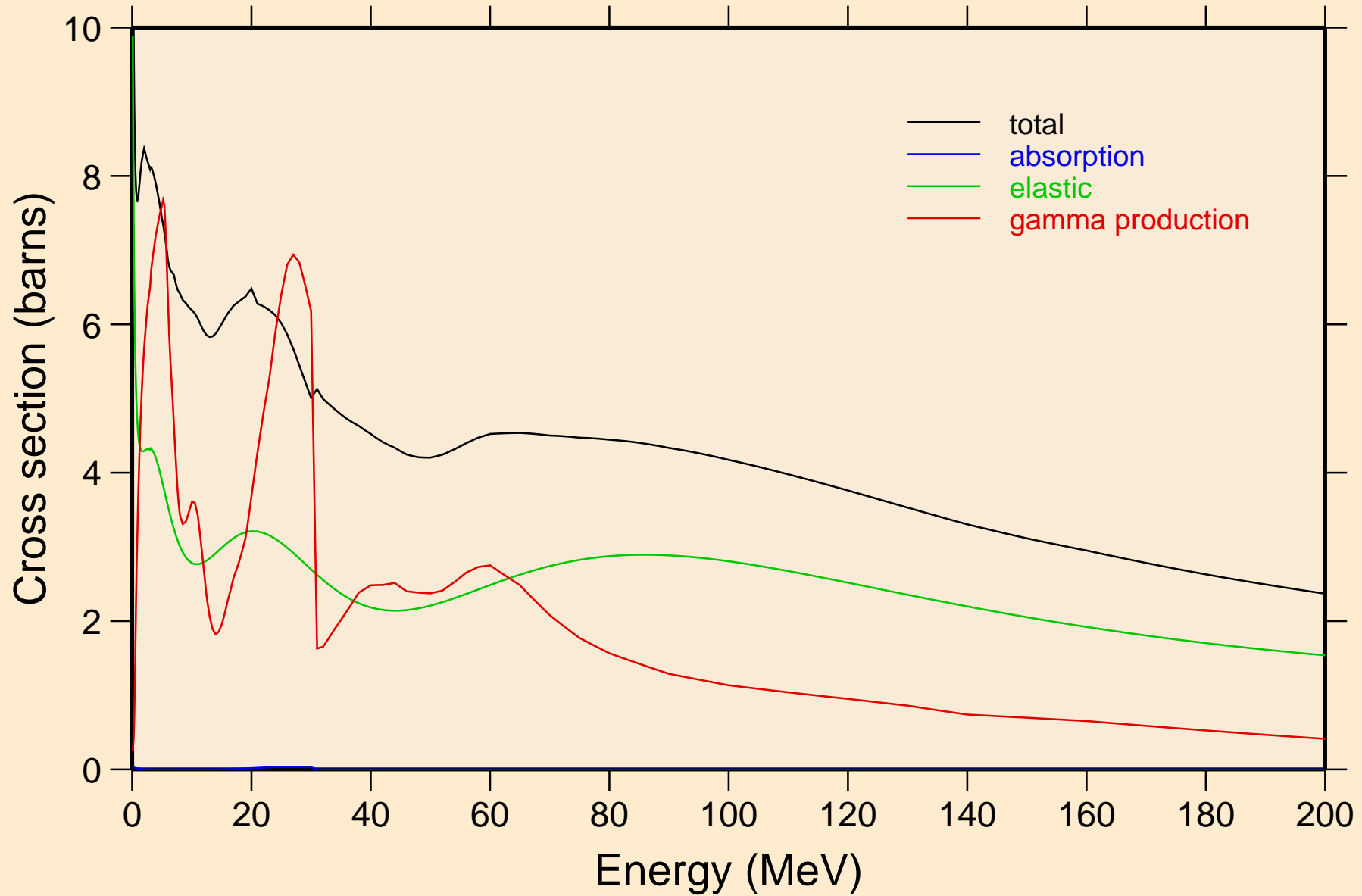


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



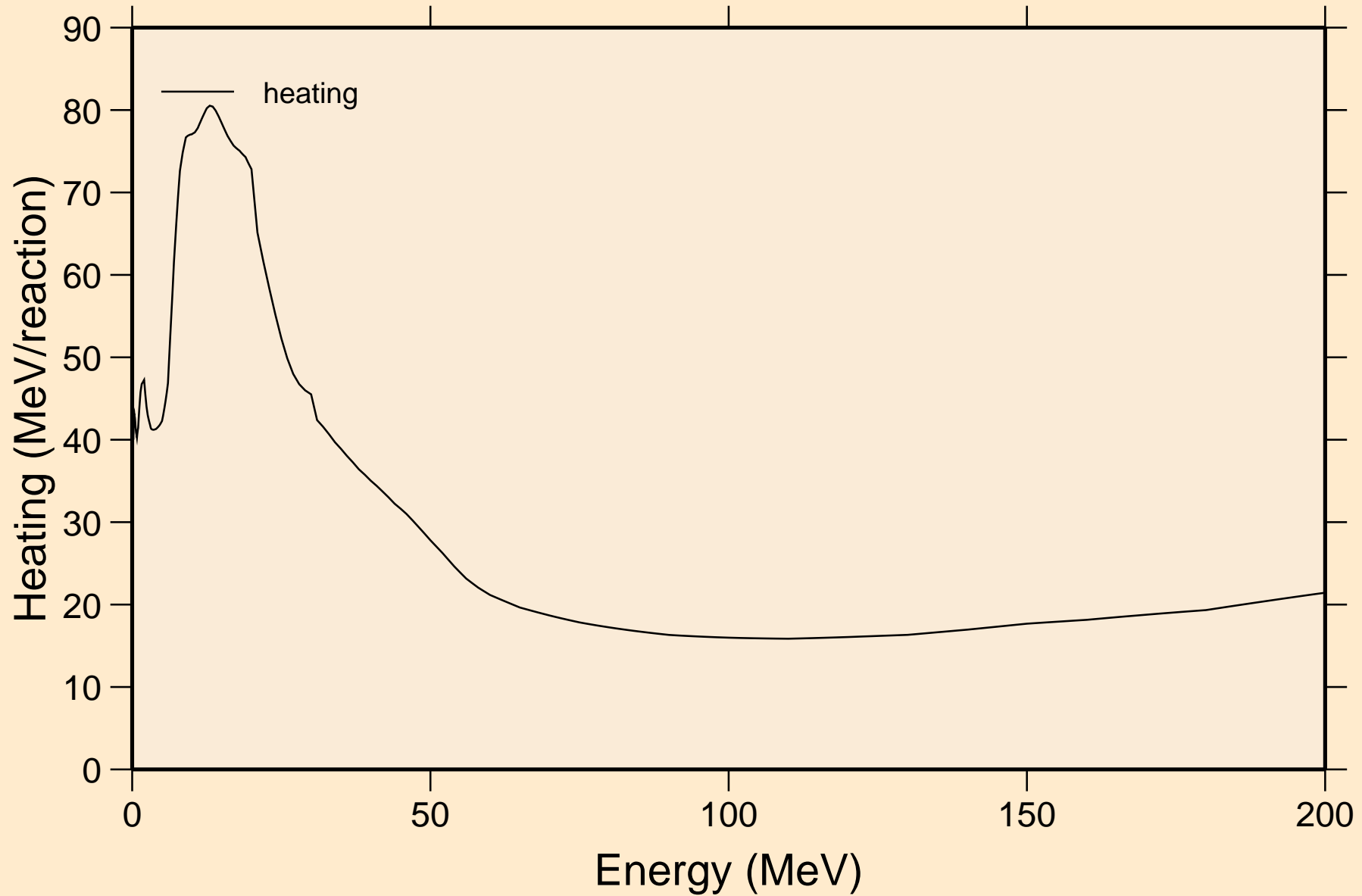
# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

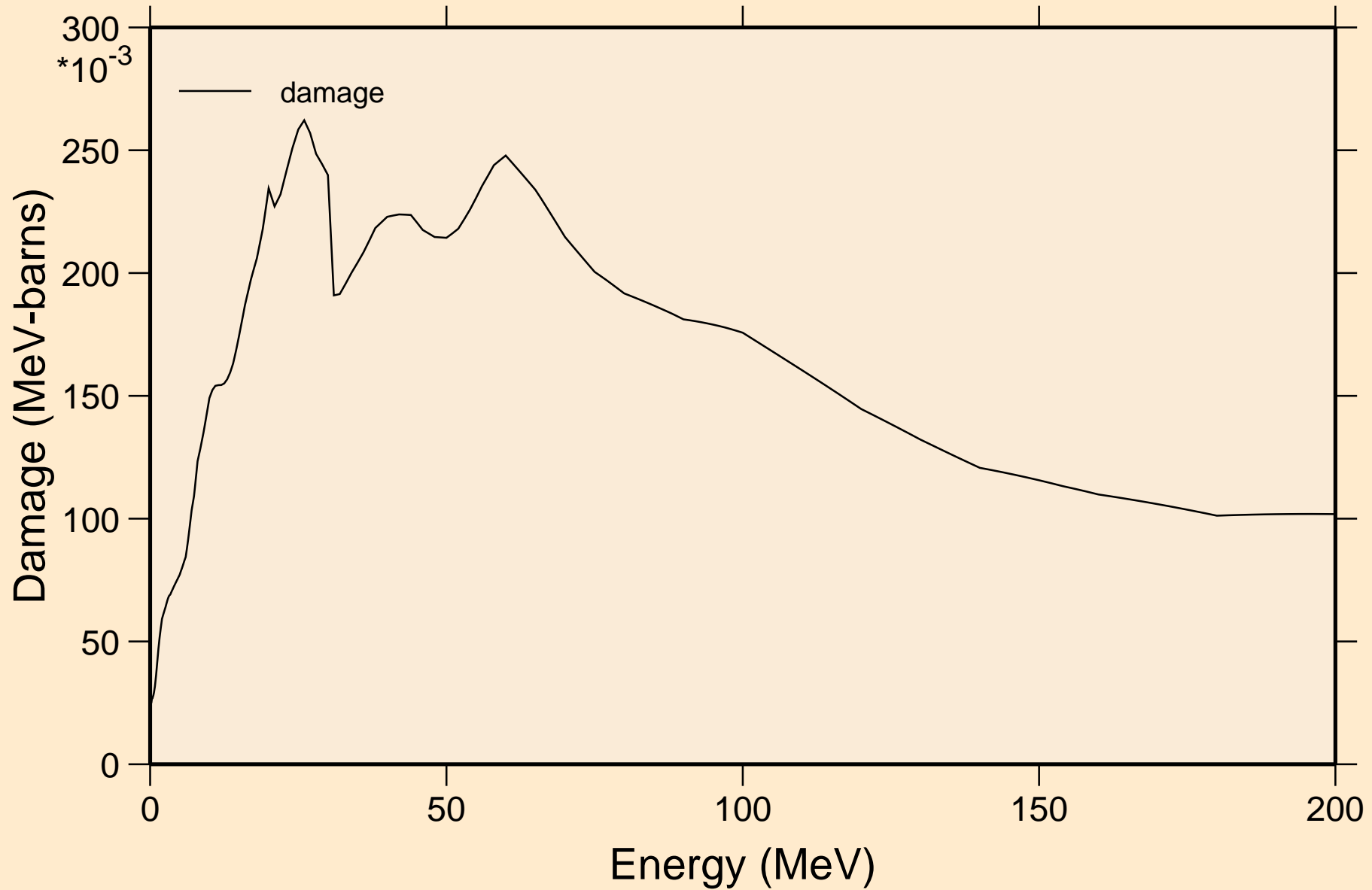


# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

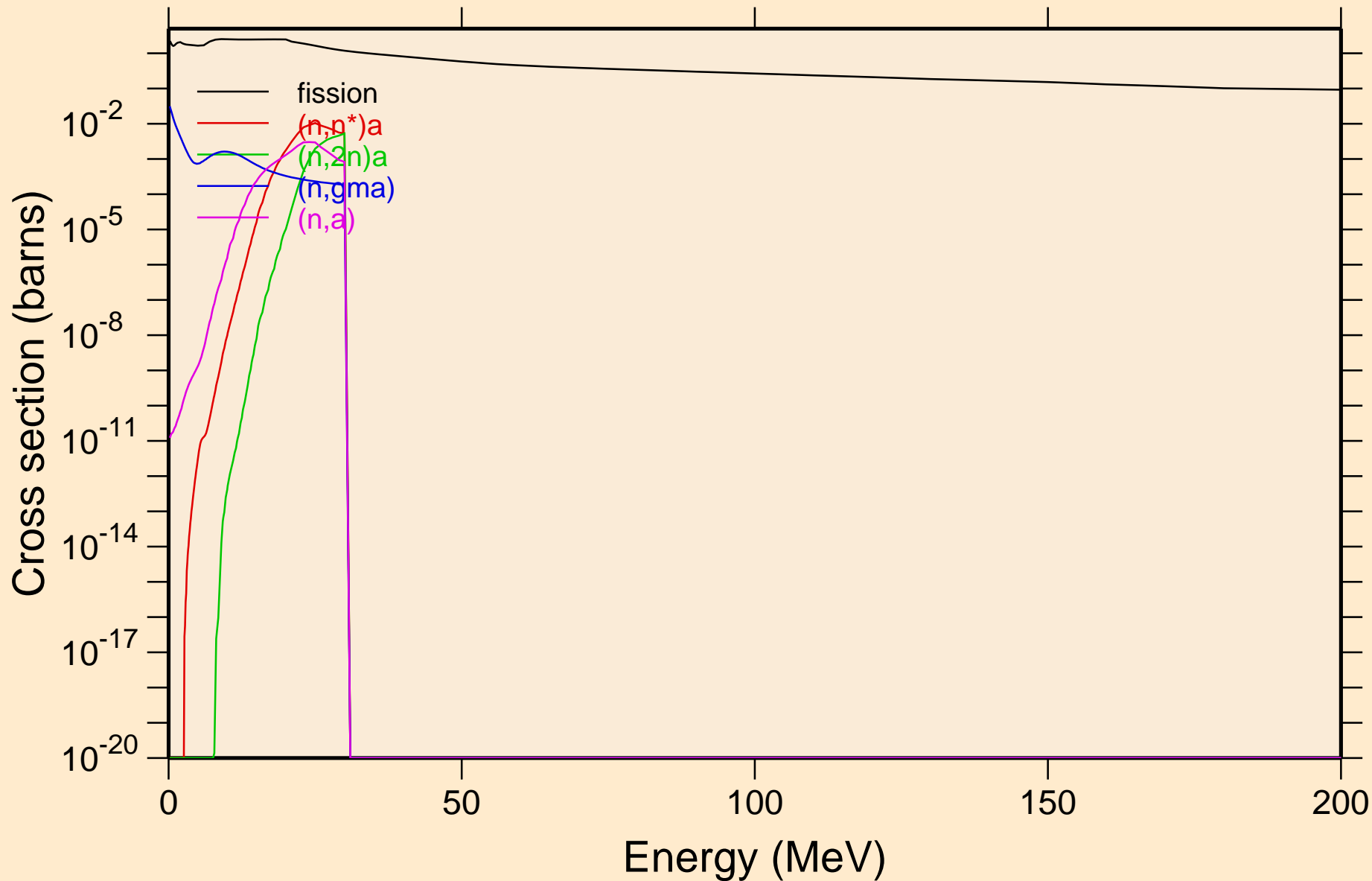


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

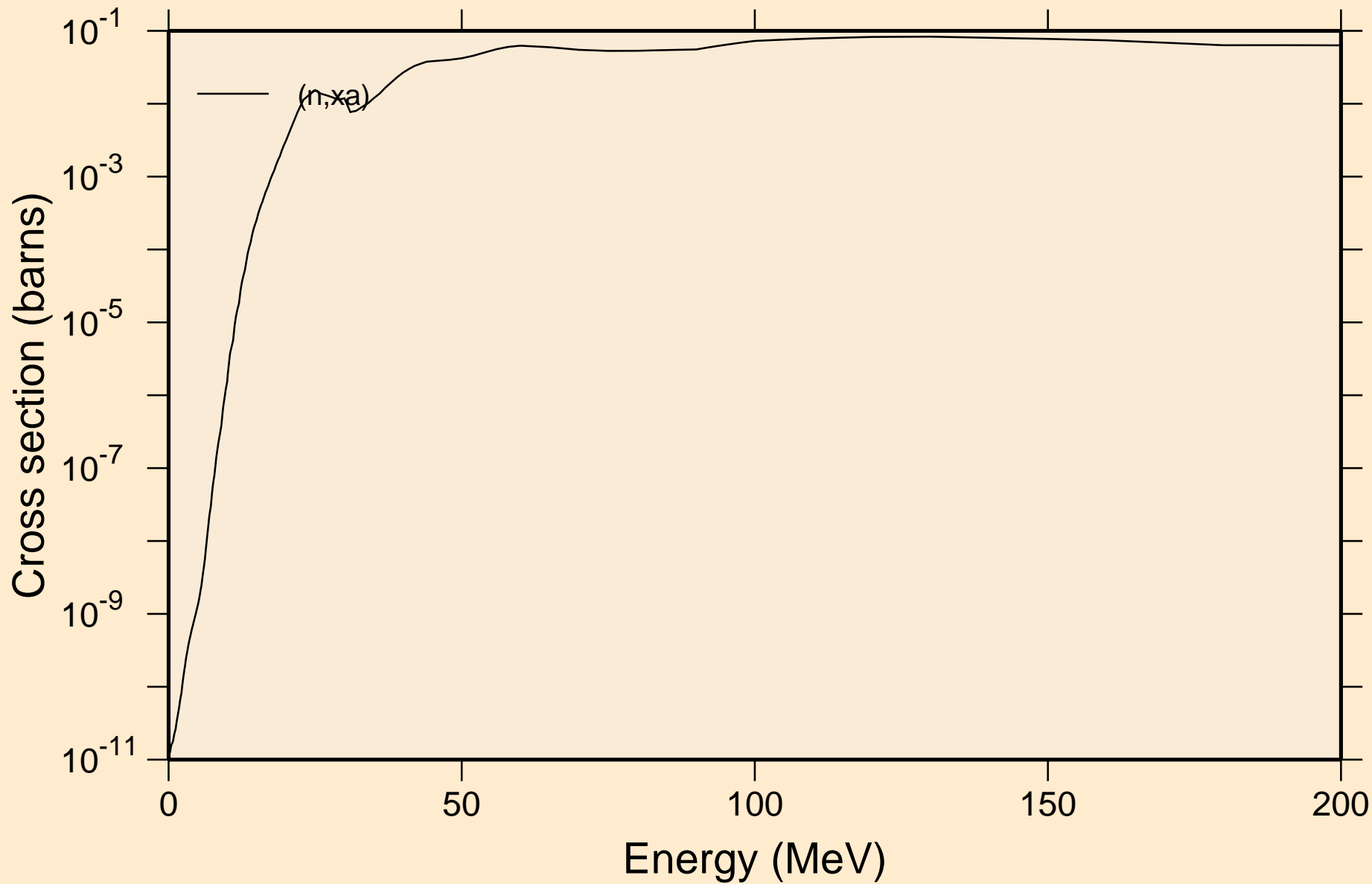


# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

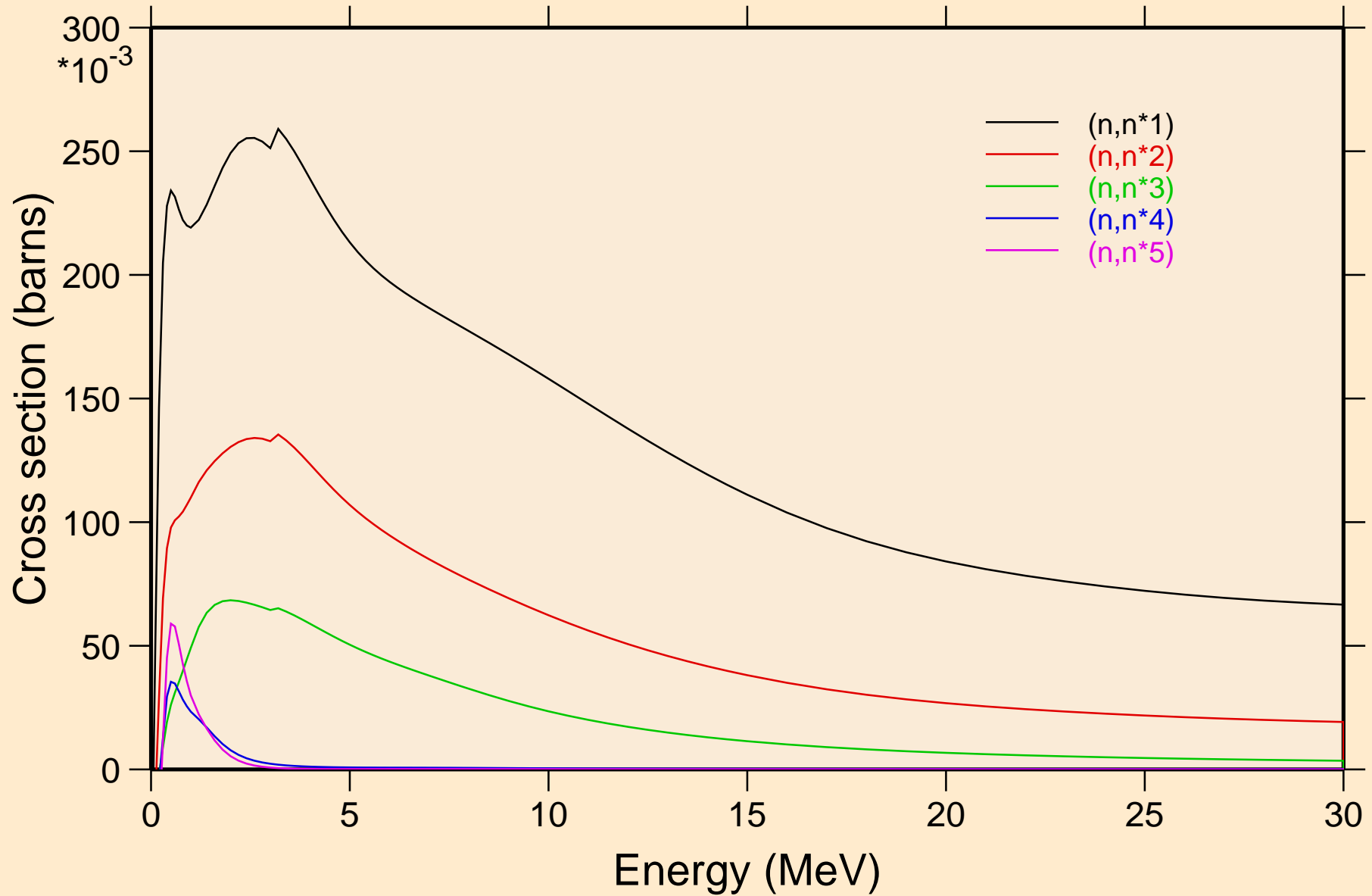


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

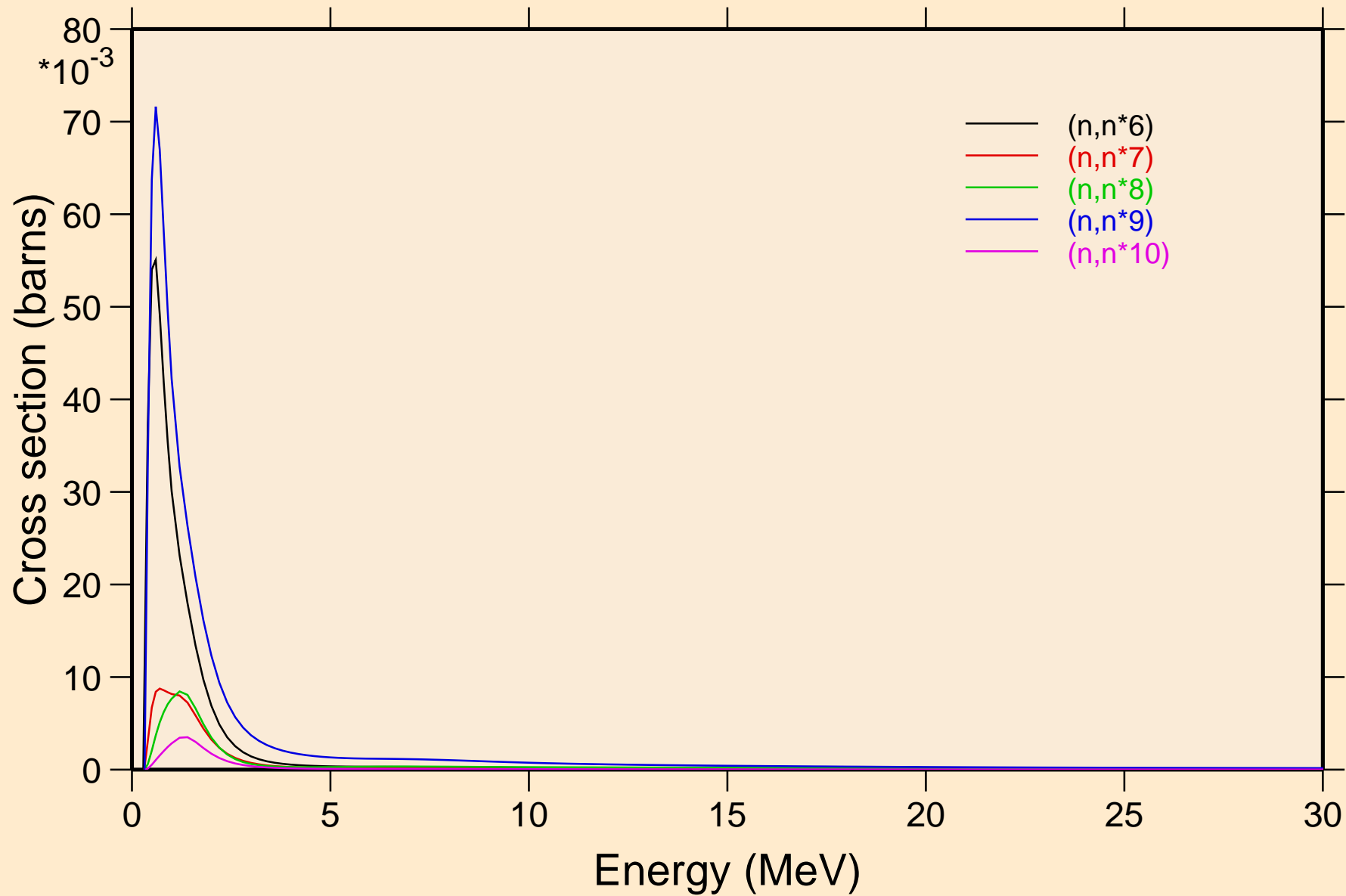




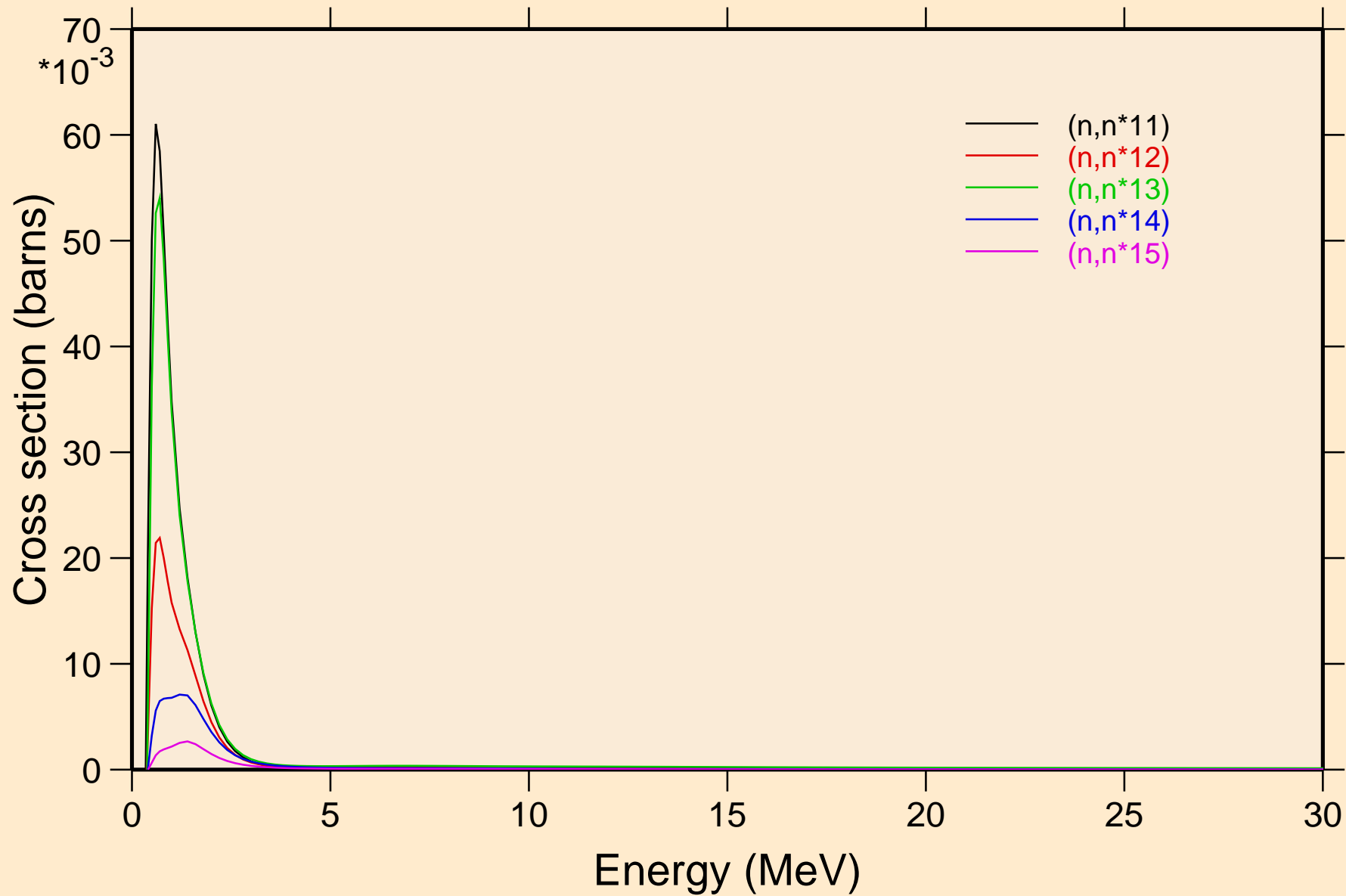
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



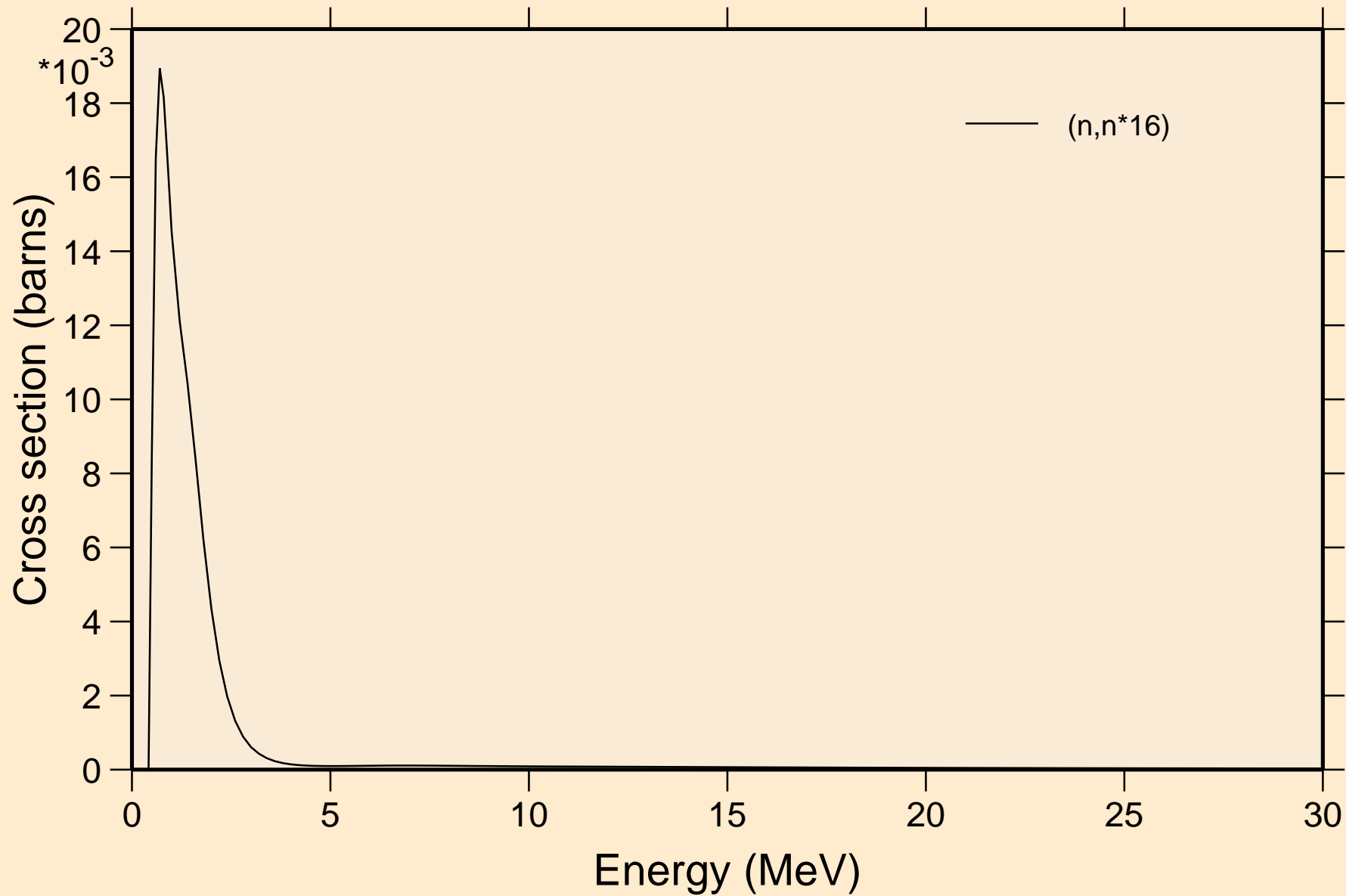
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

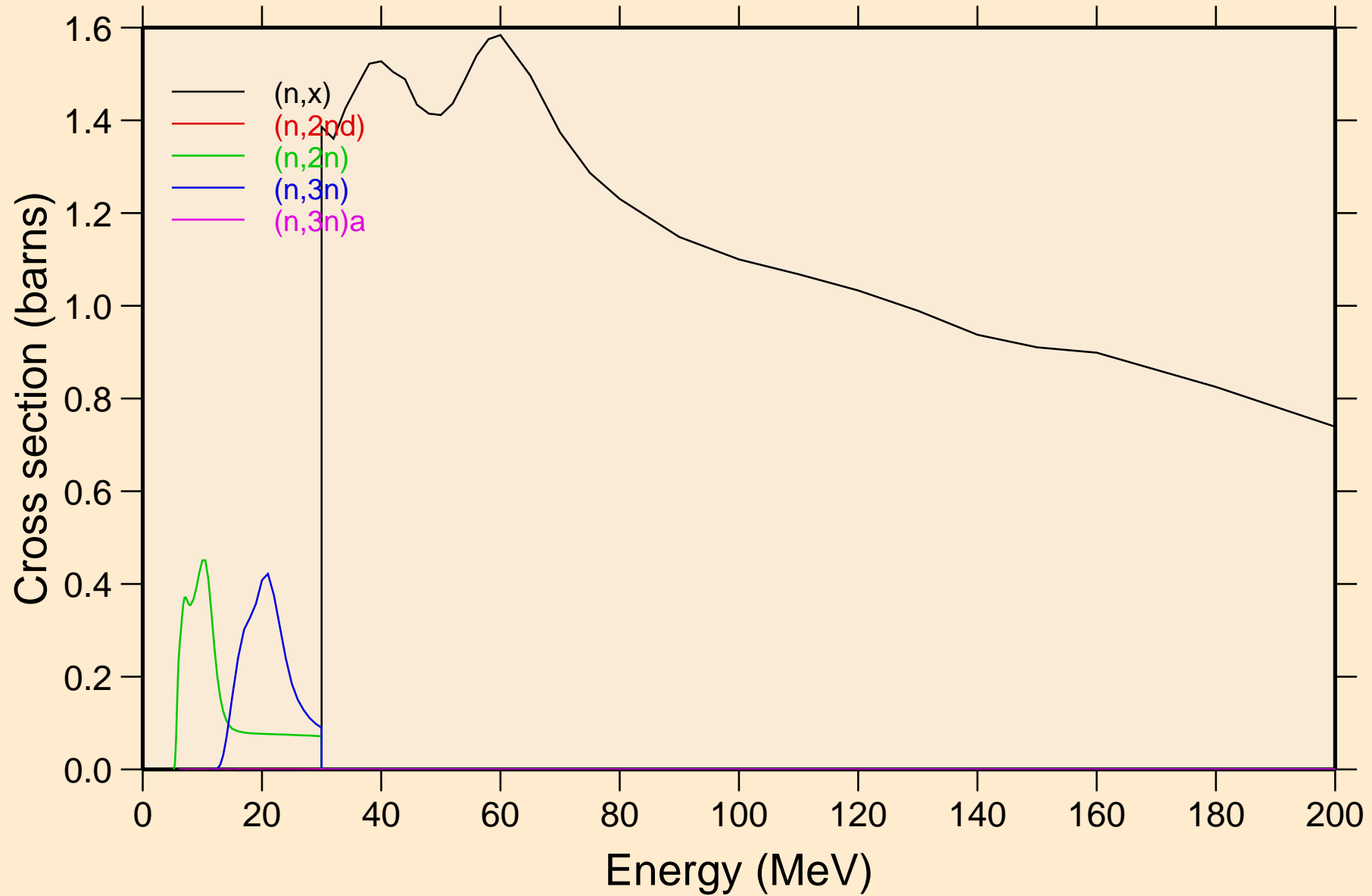


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



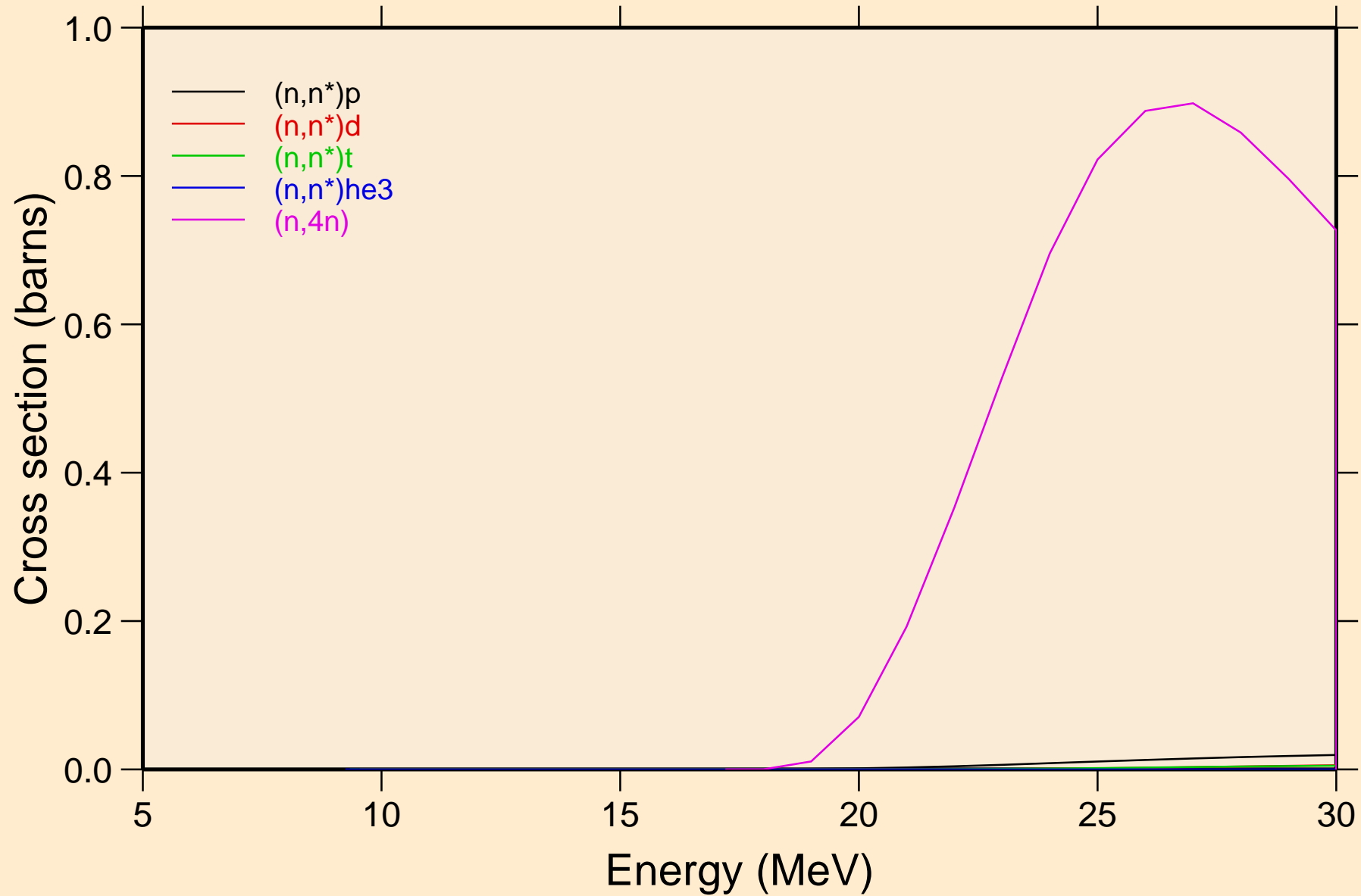
# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



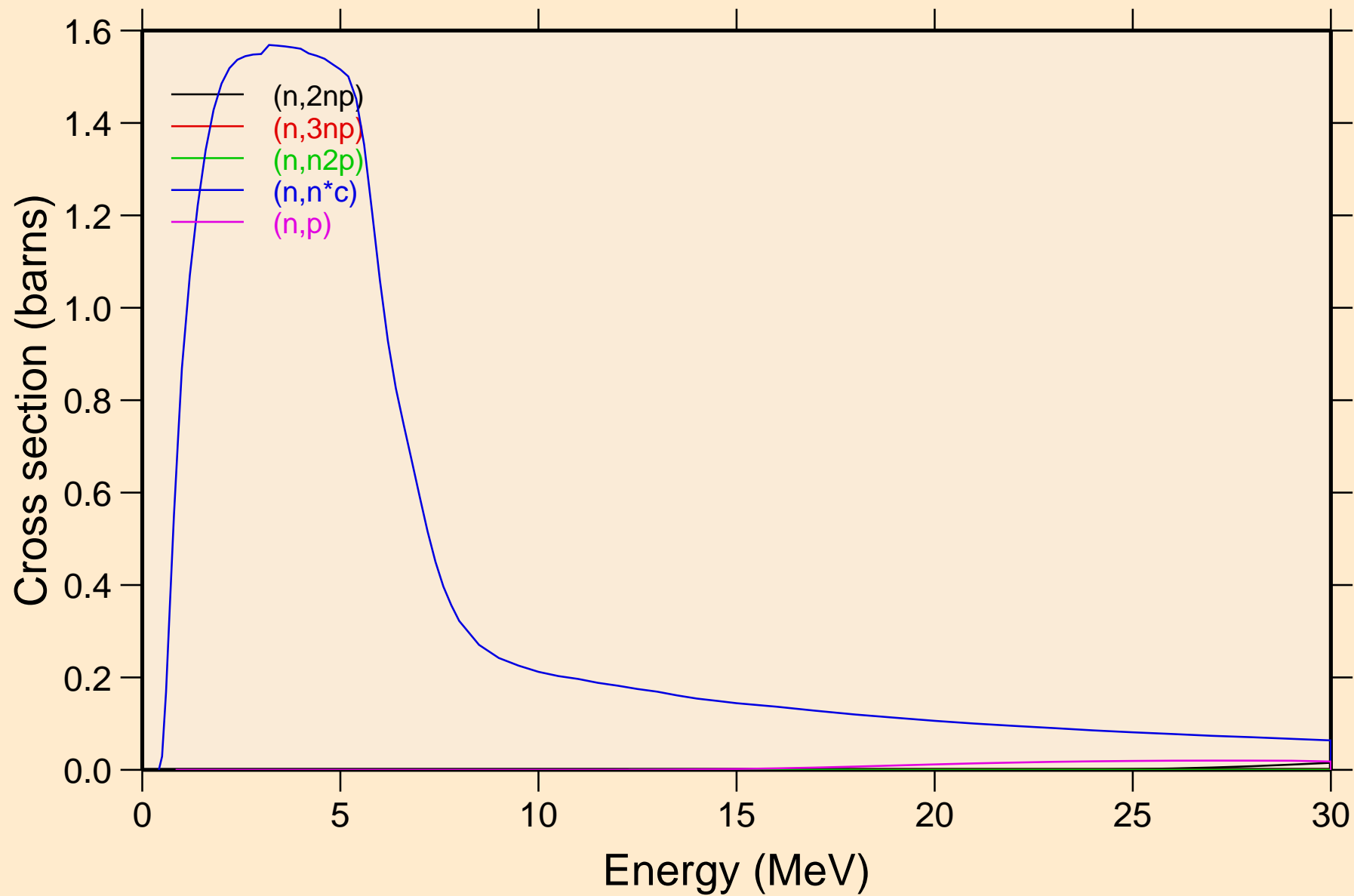
# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

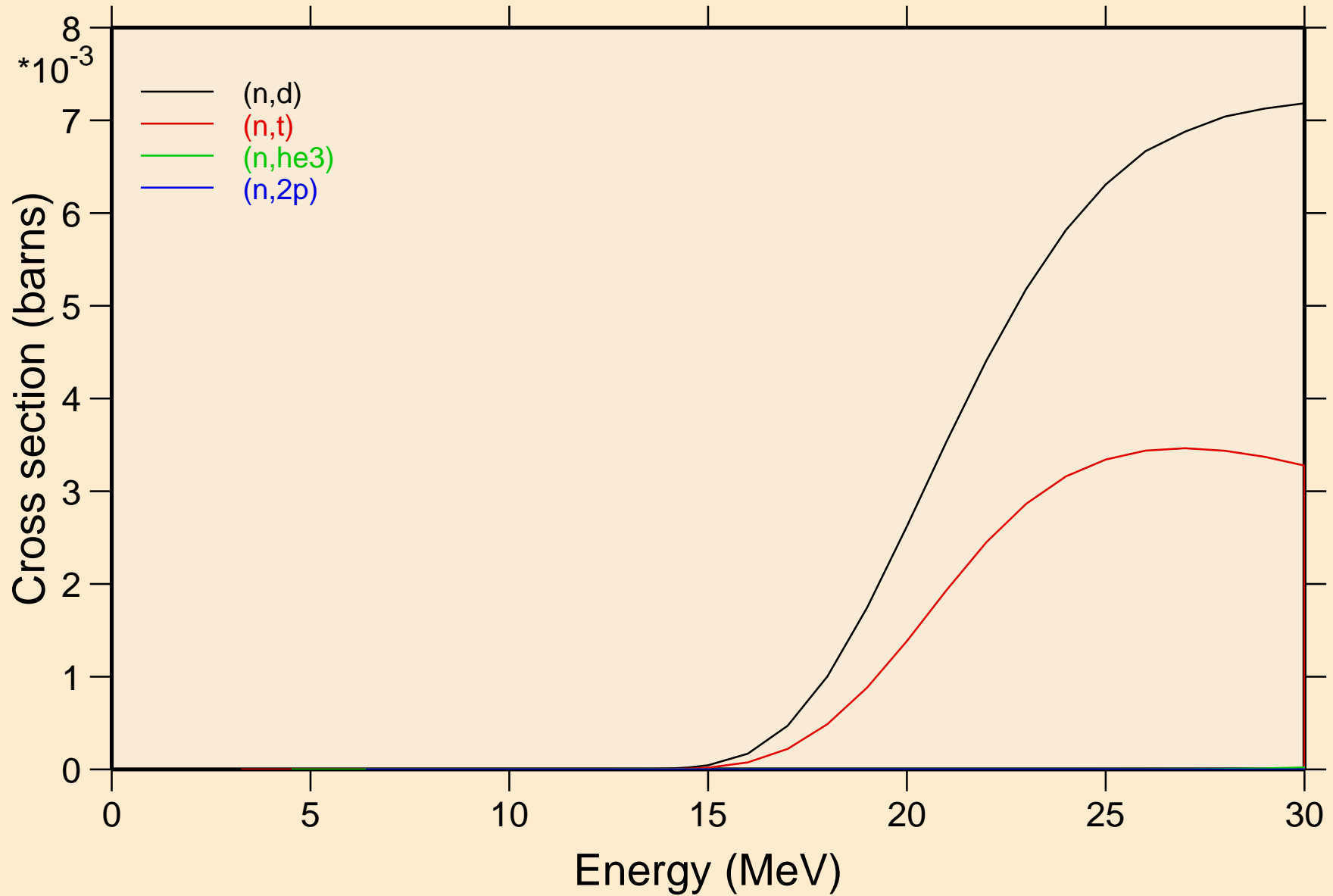


# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



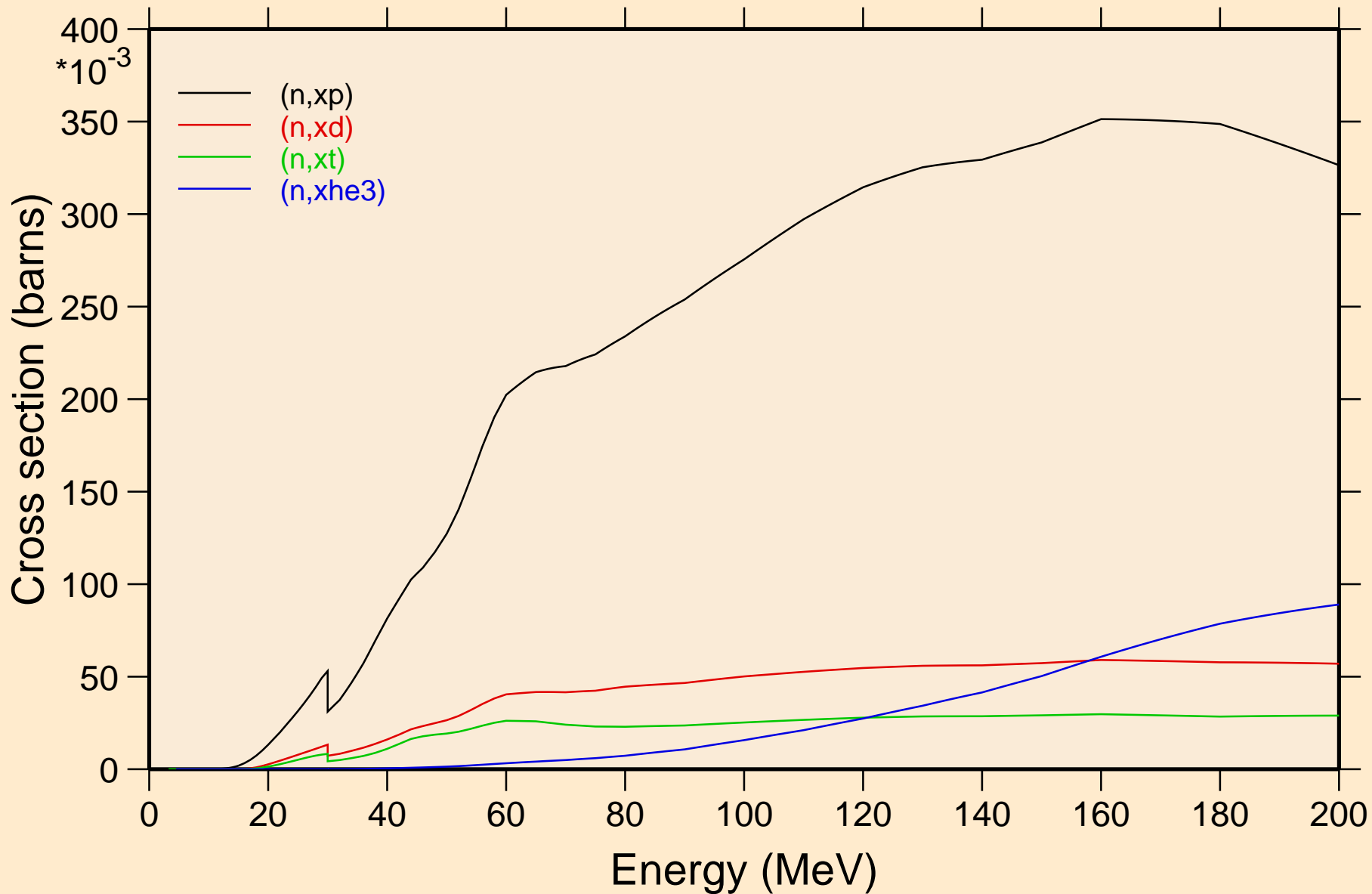
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



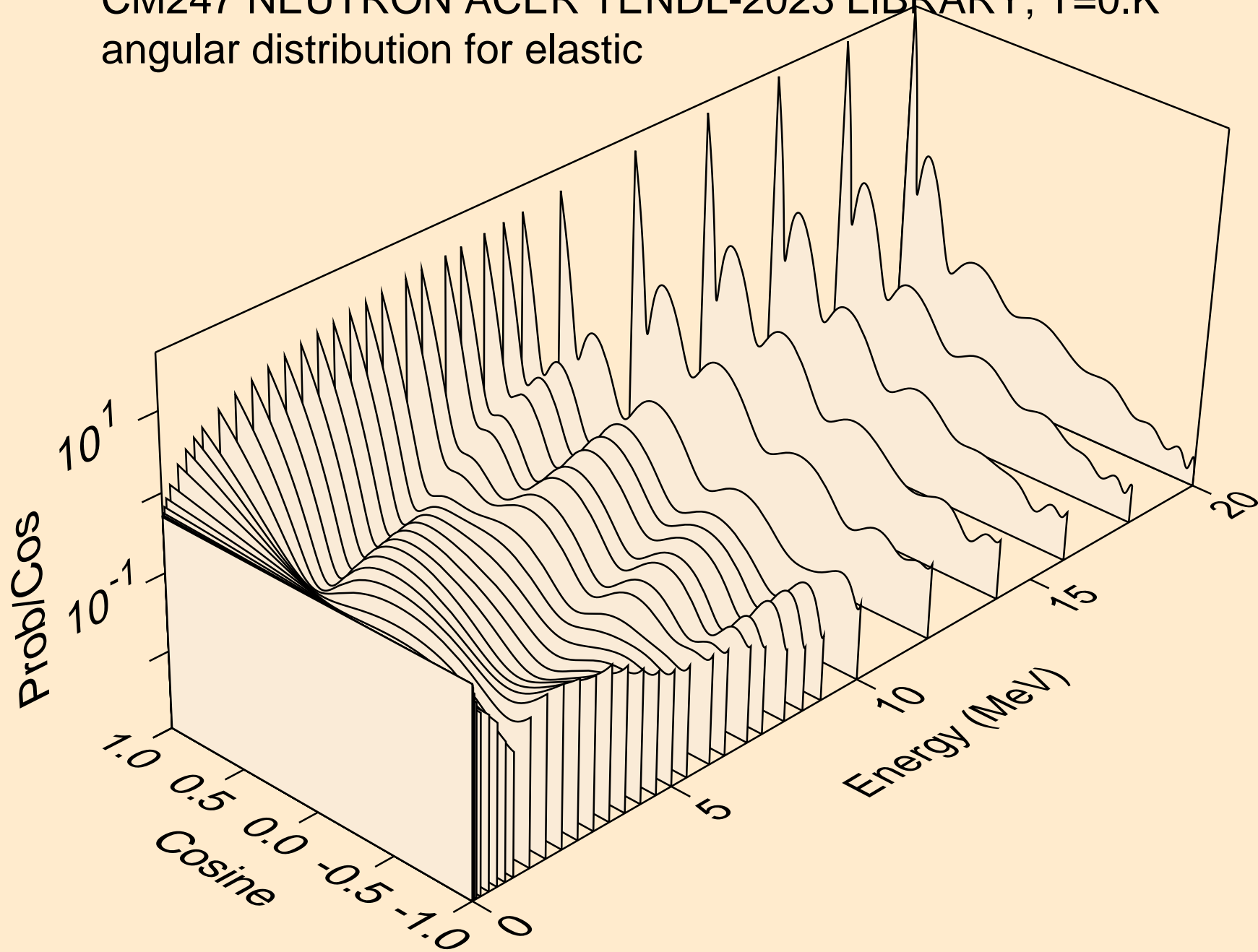


# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

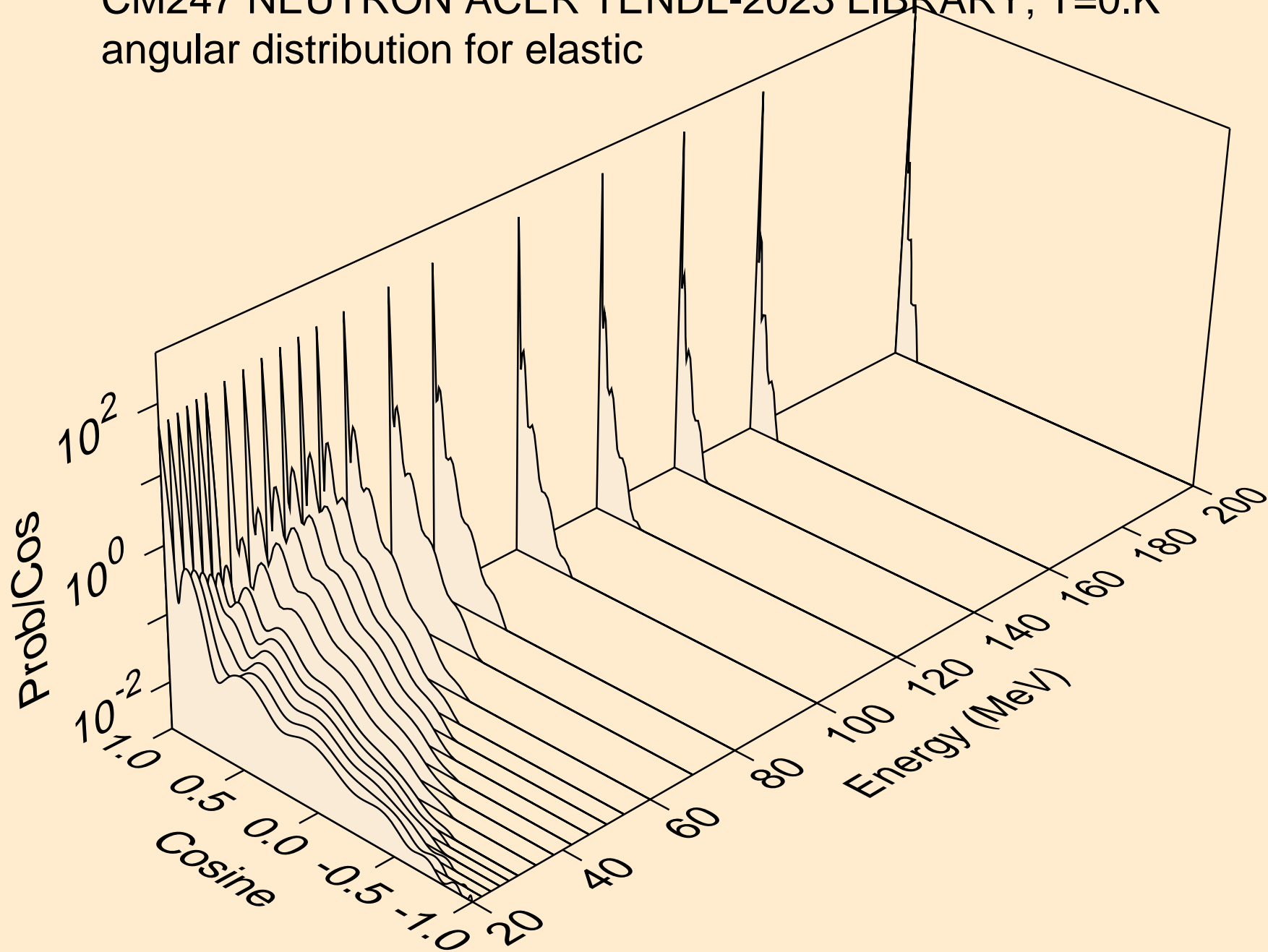
## Threshold reactions



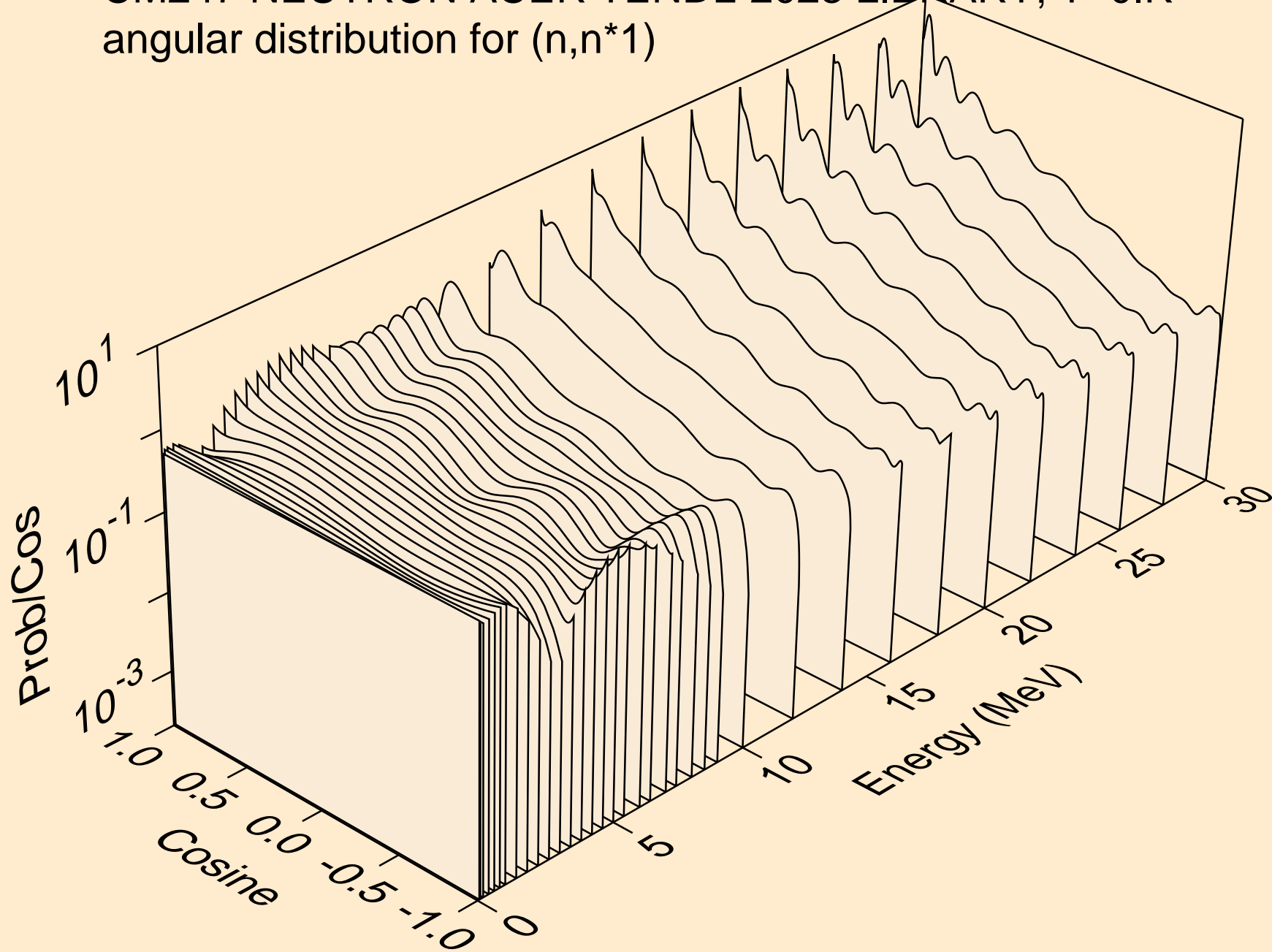
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



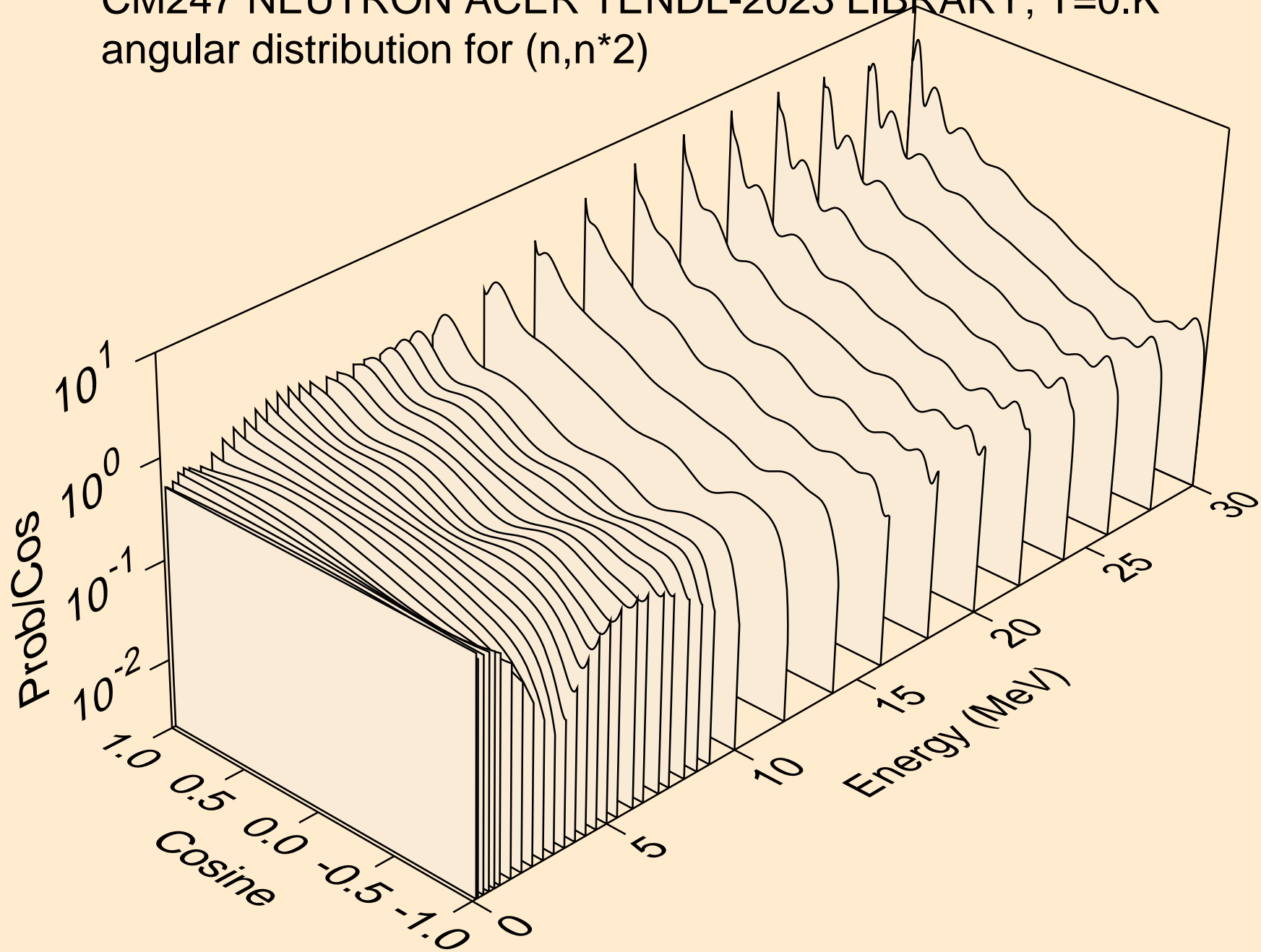
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



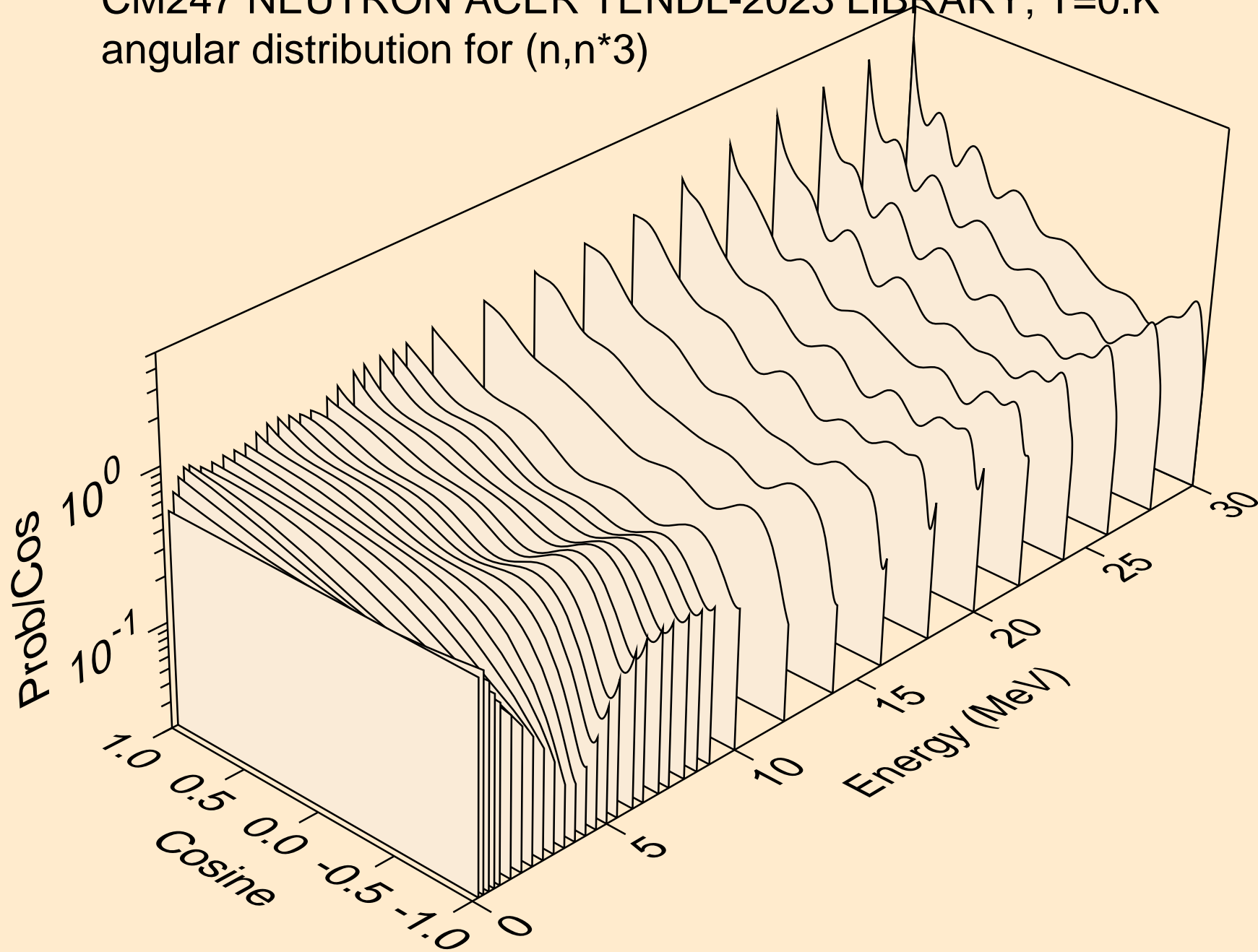
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



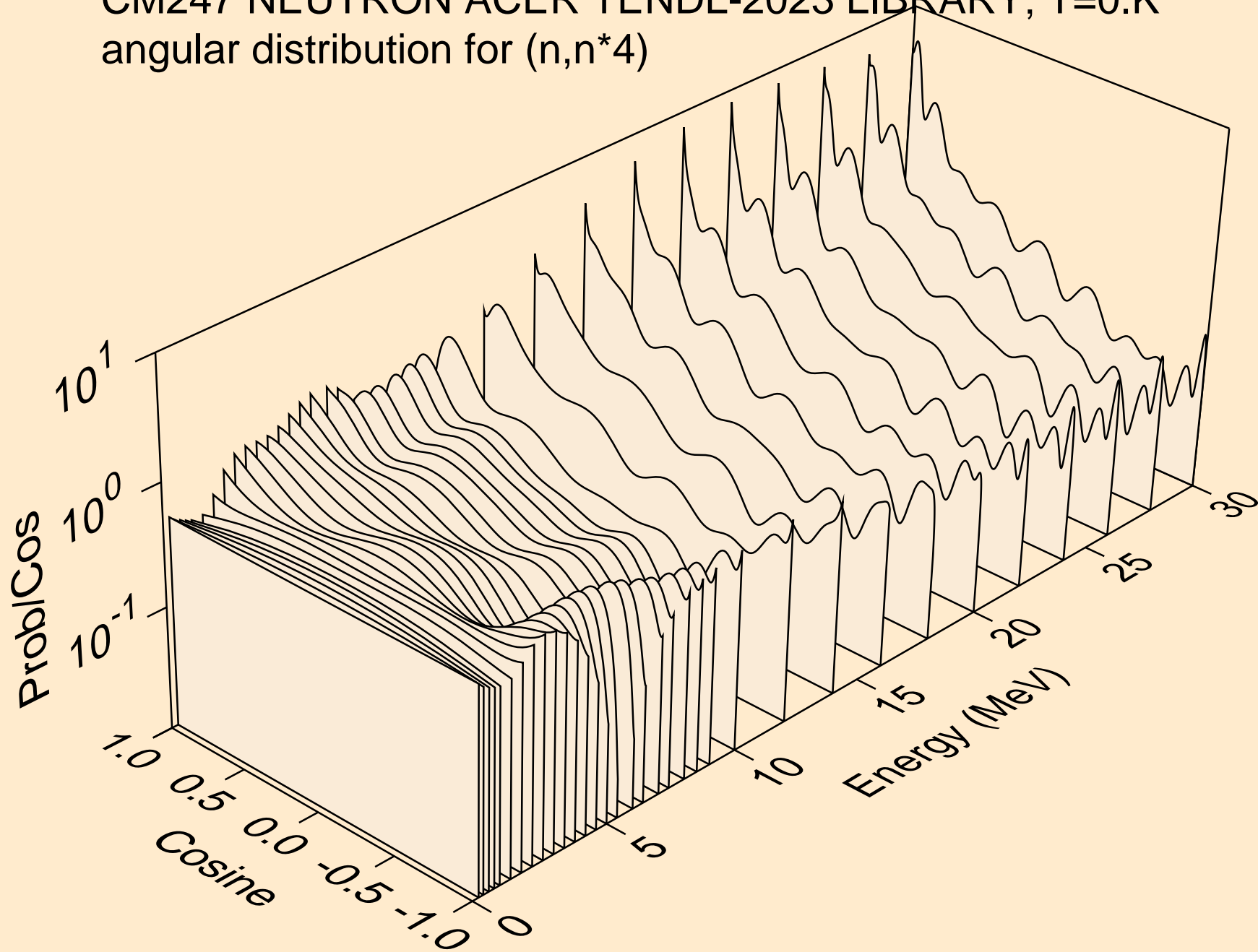
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



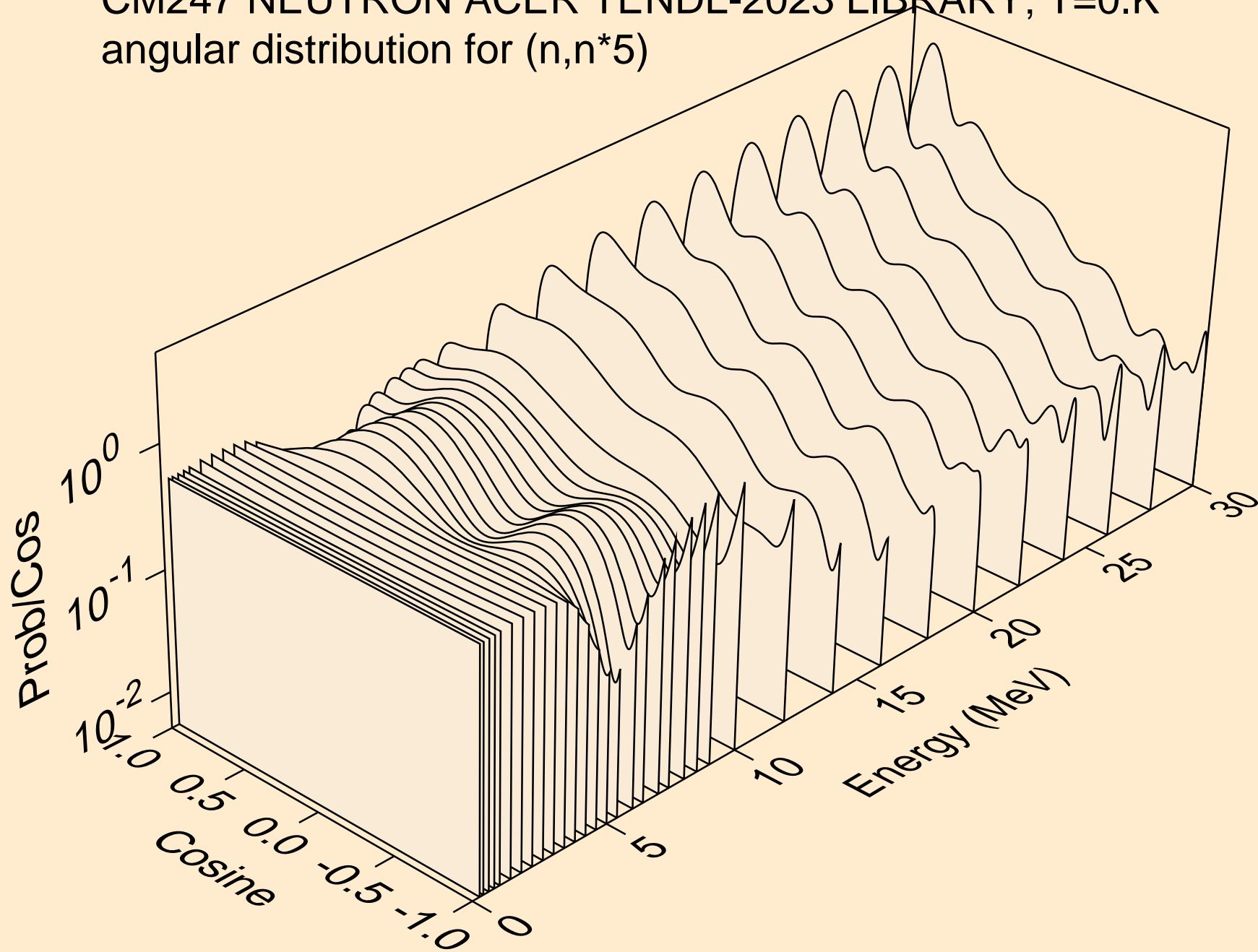
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

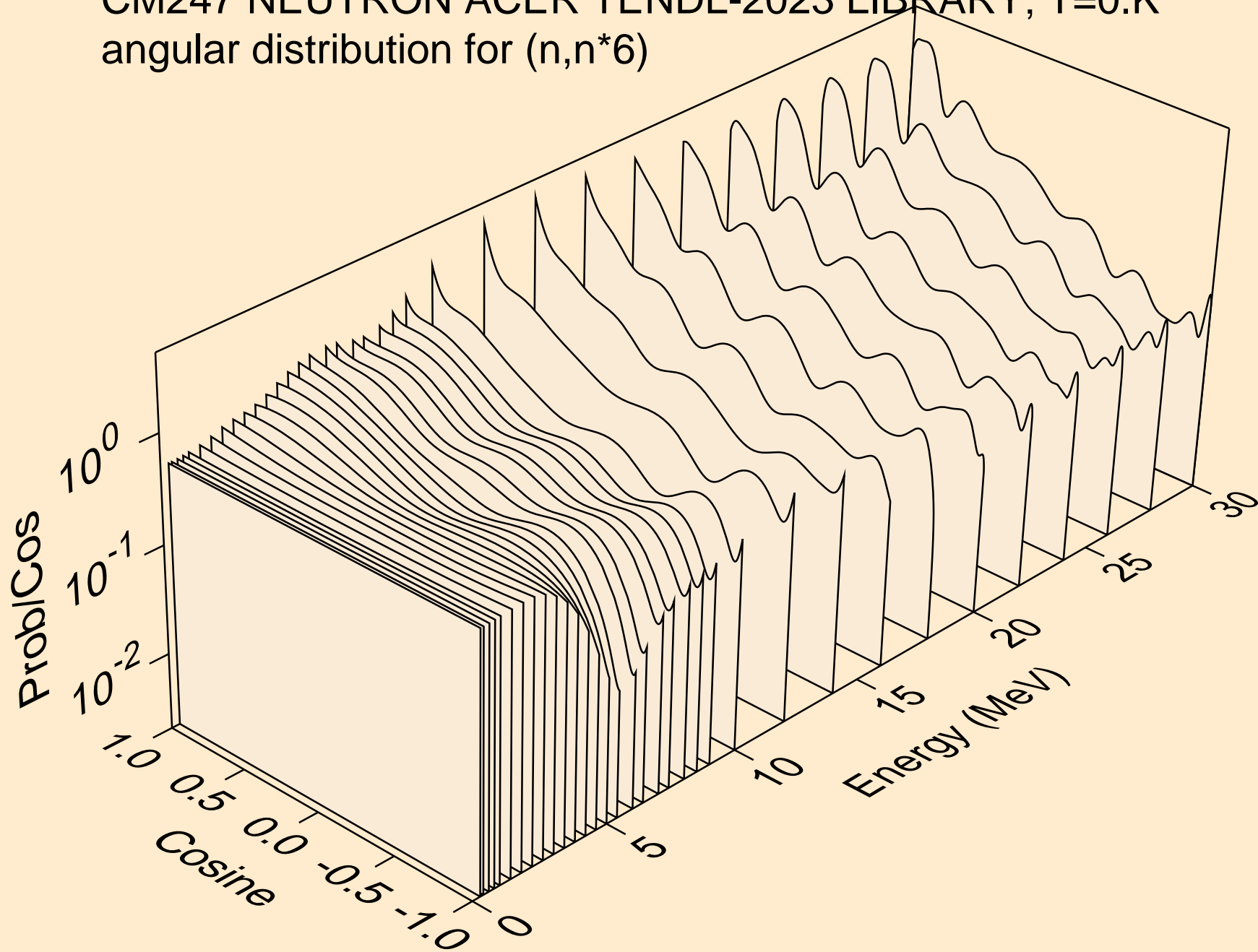


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

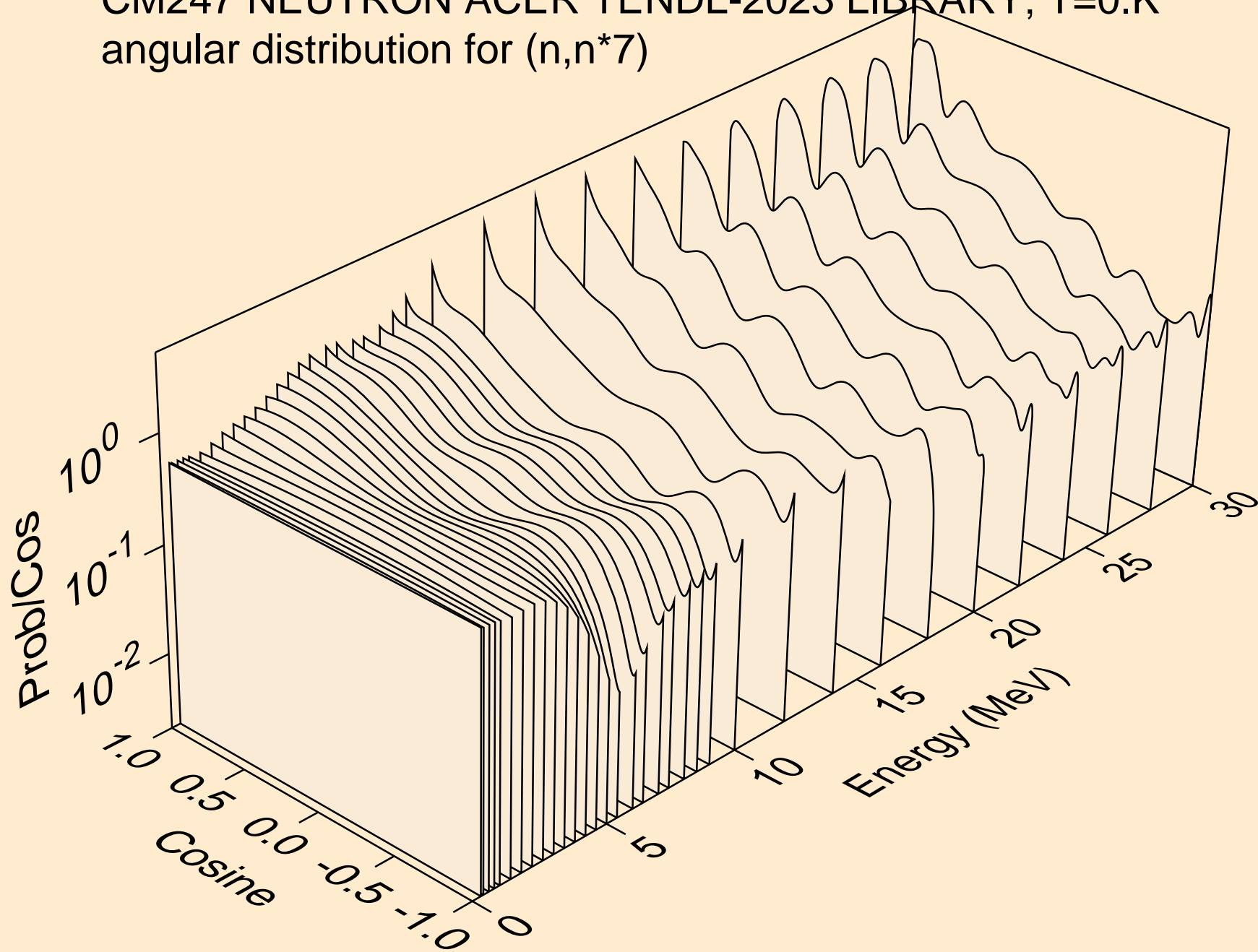




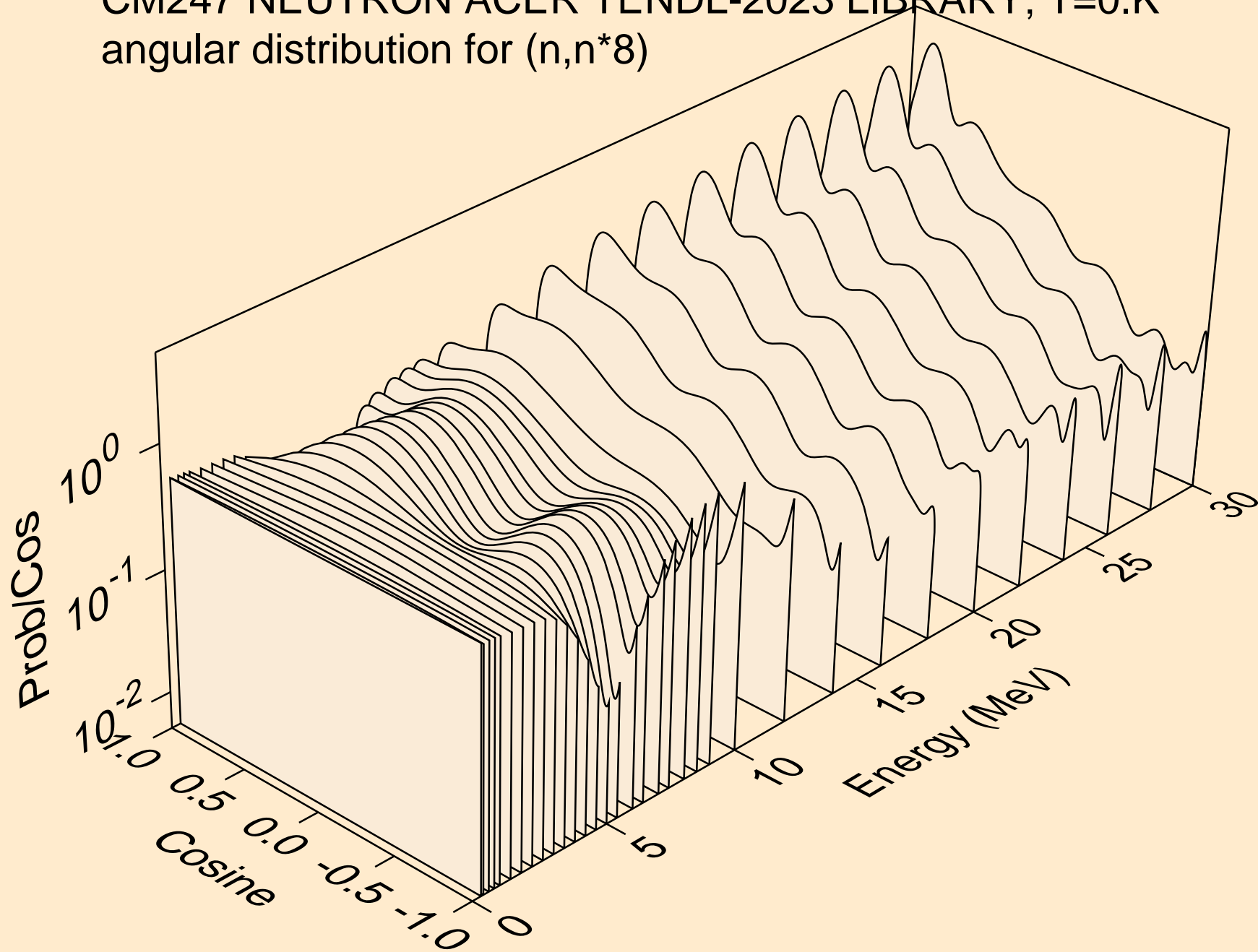
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angular distribution for (n,n\*6)



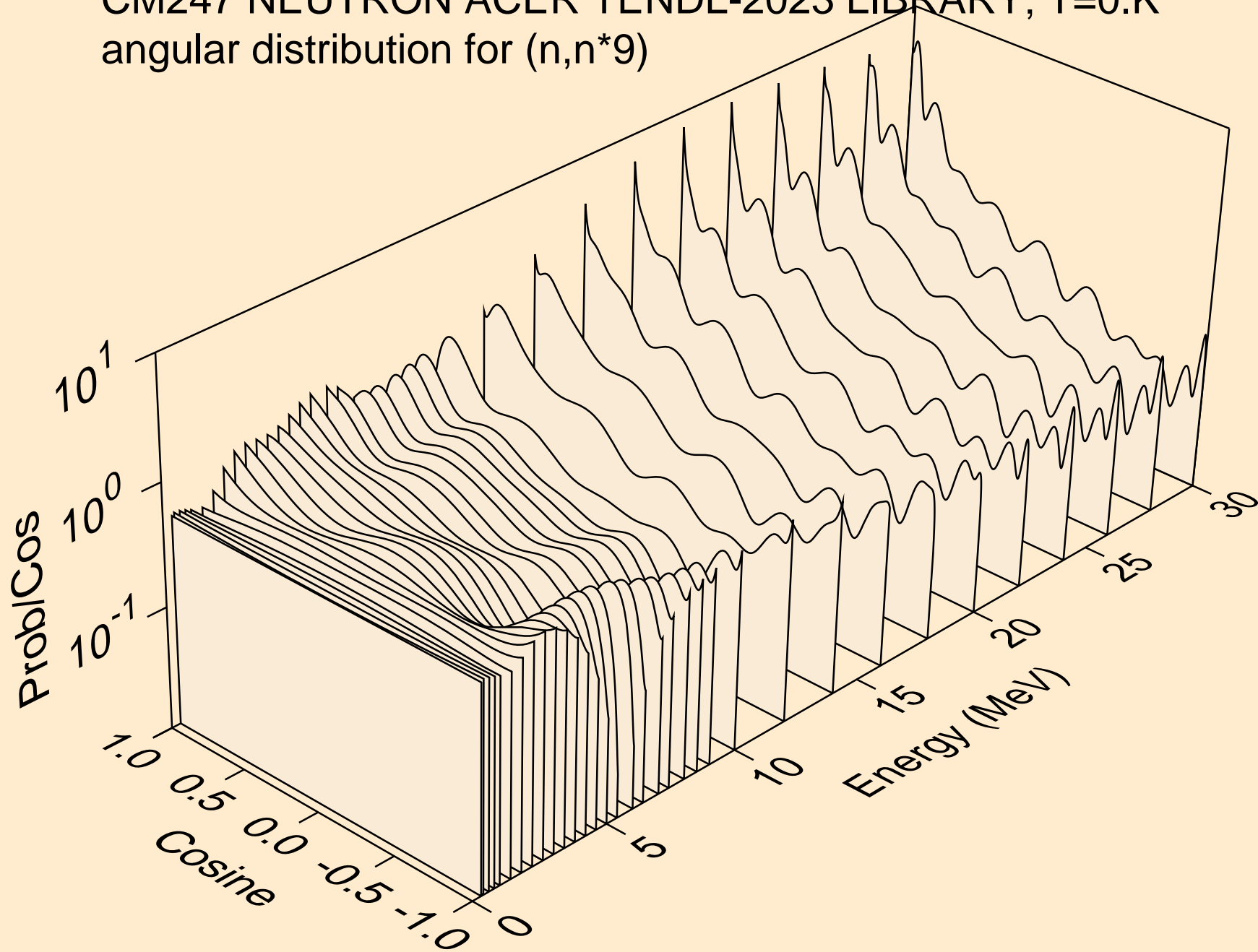
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



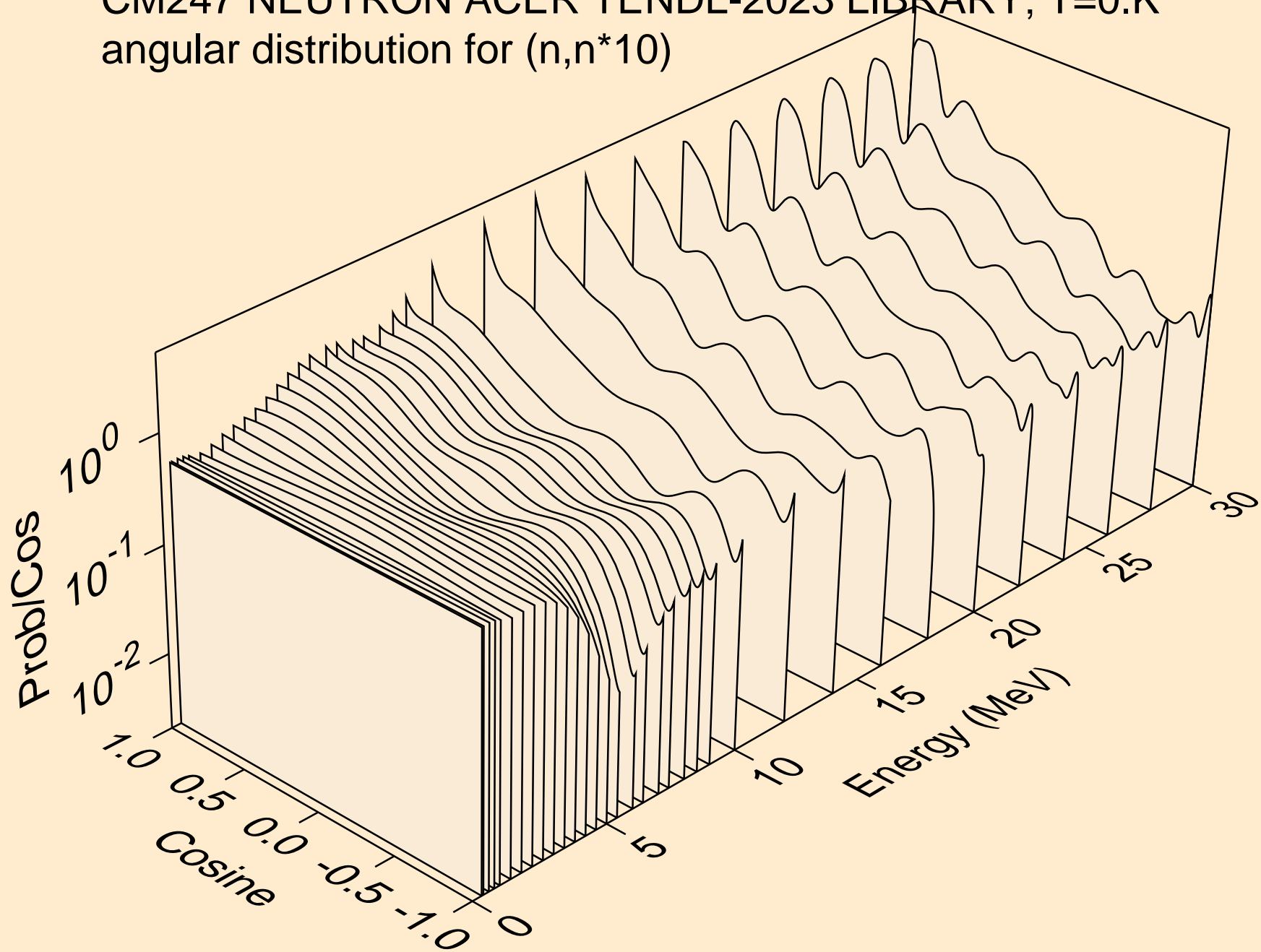
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angular distribution for (n,n\*8)



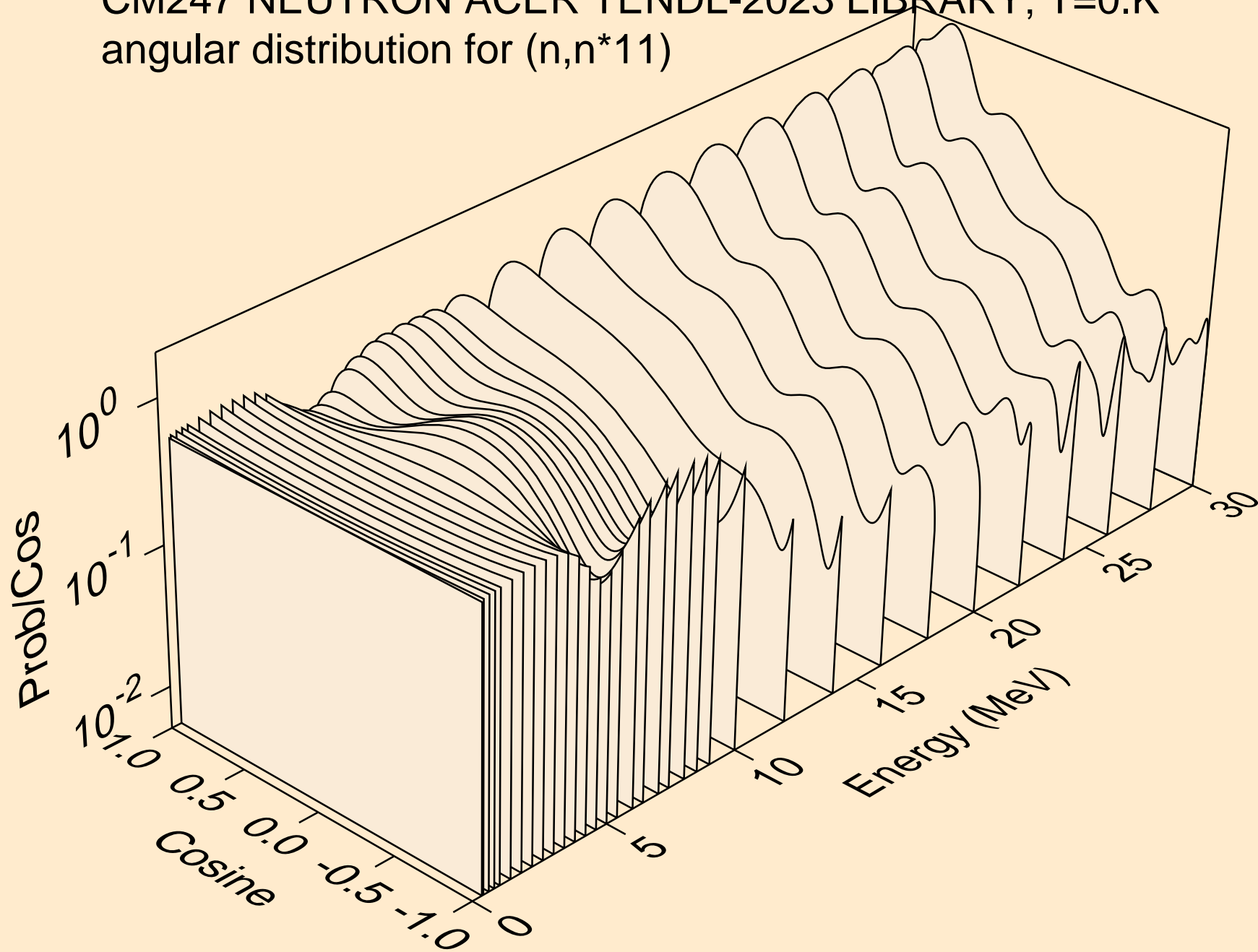
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



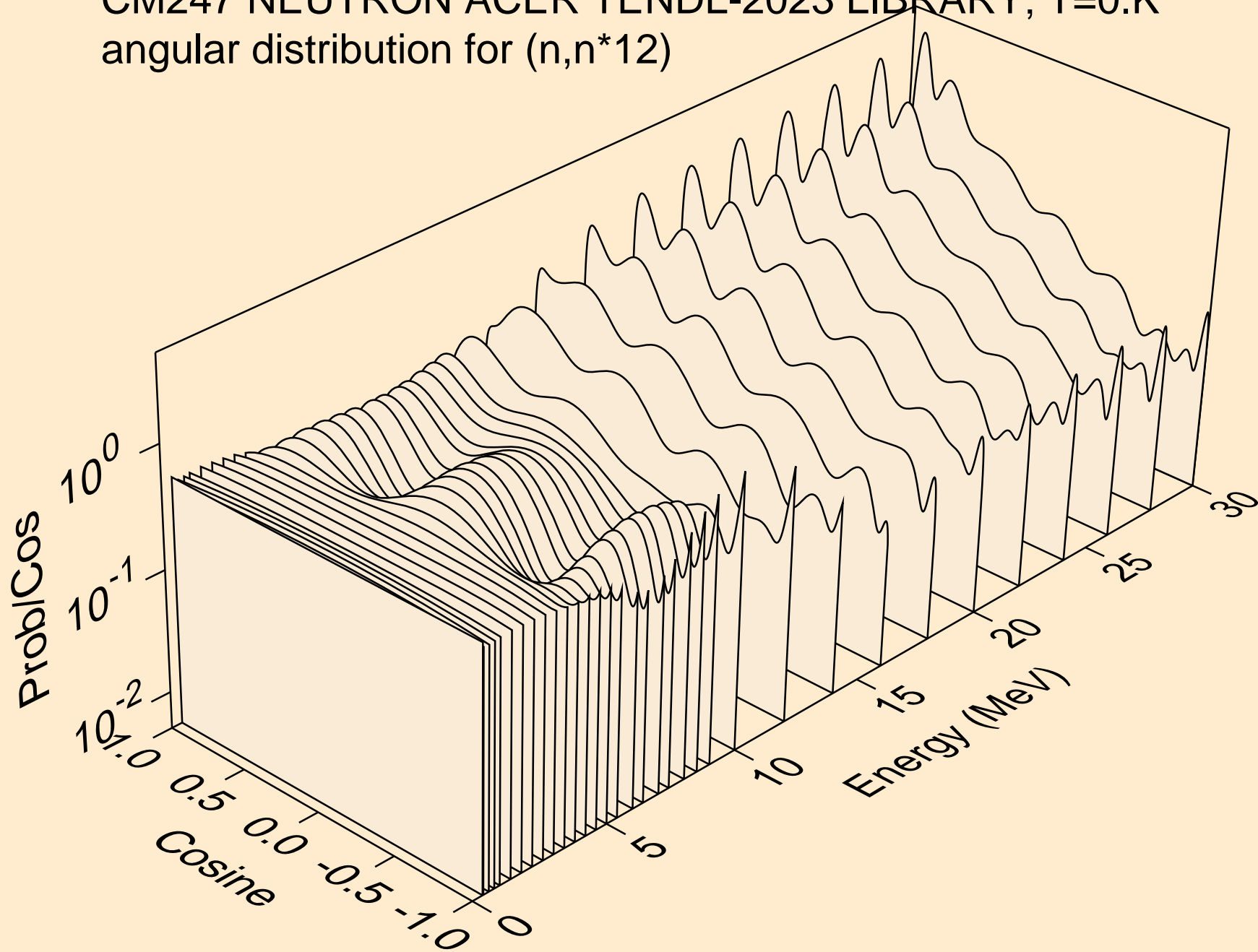
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angular distribution for (n,n\*10)



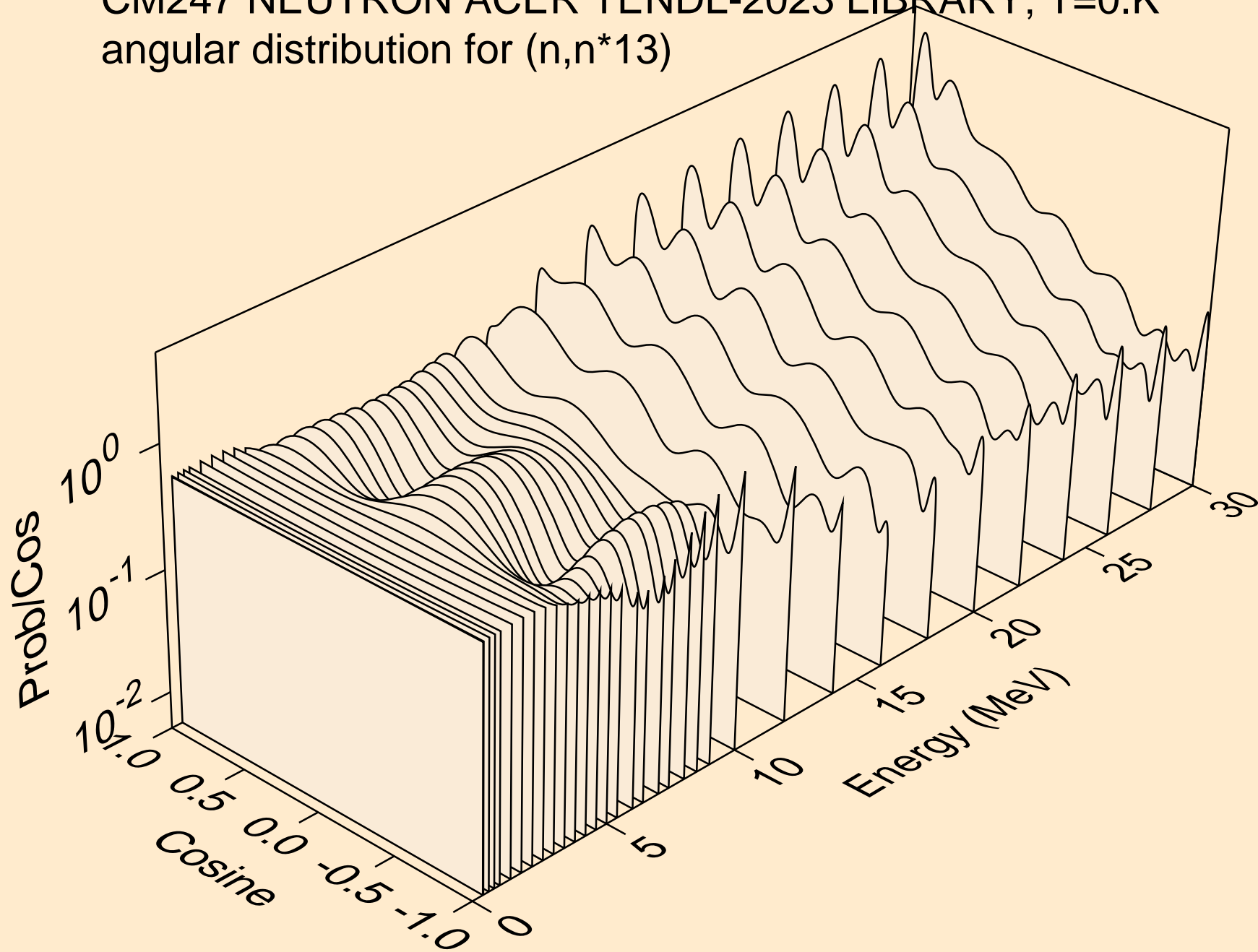
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

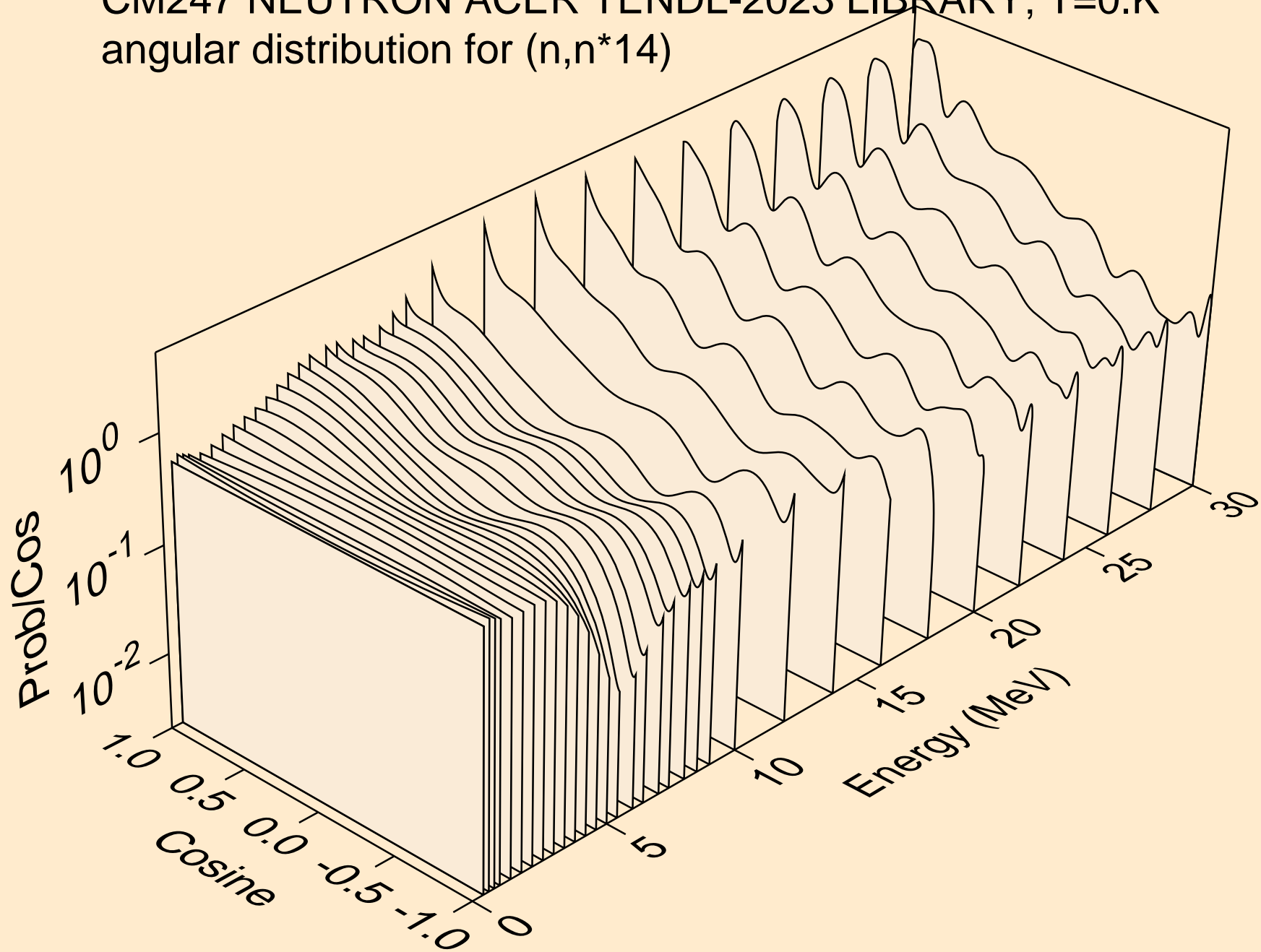


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angular distribution for (n,n\*13)

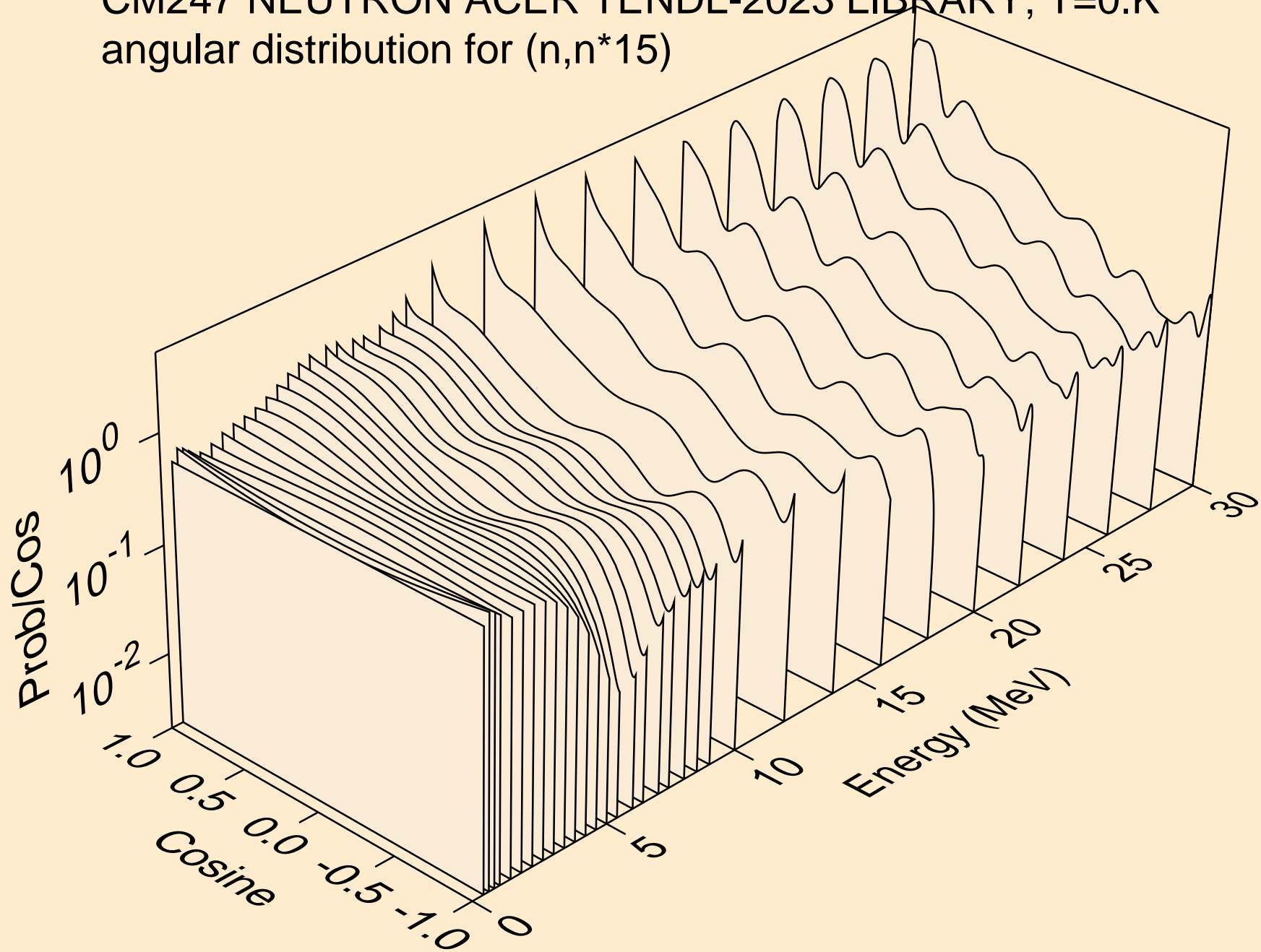




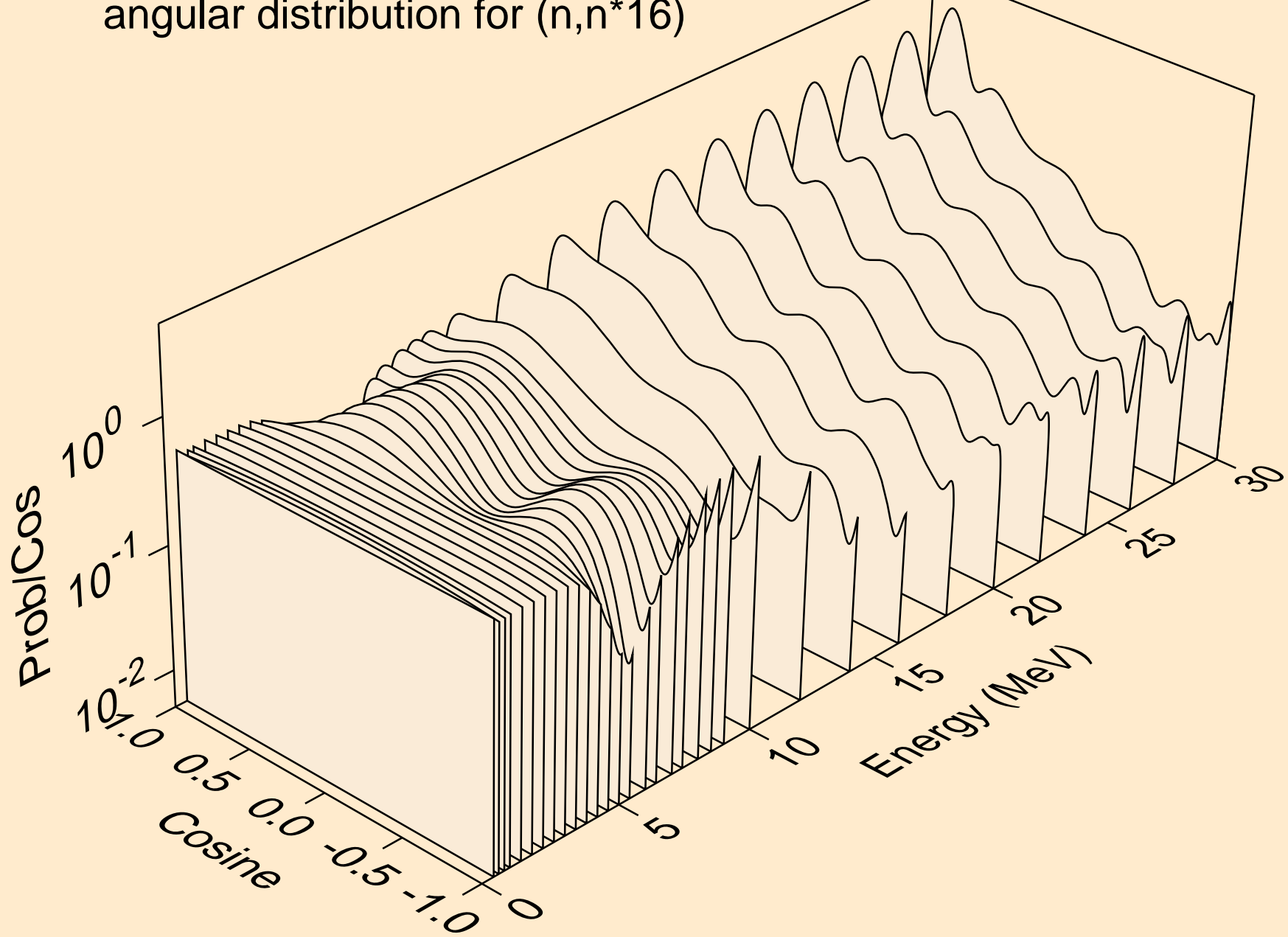
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

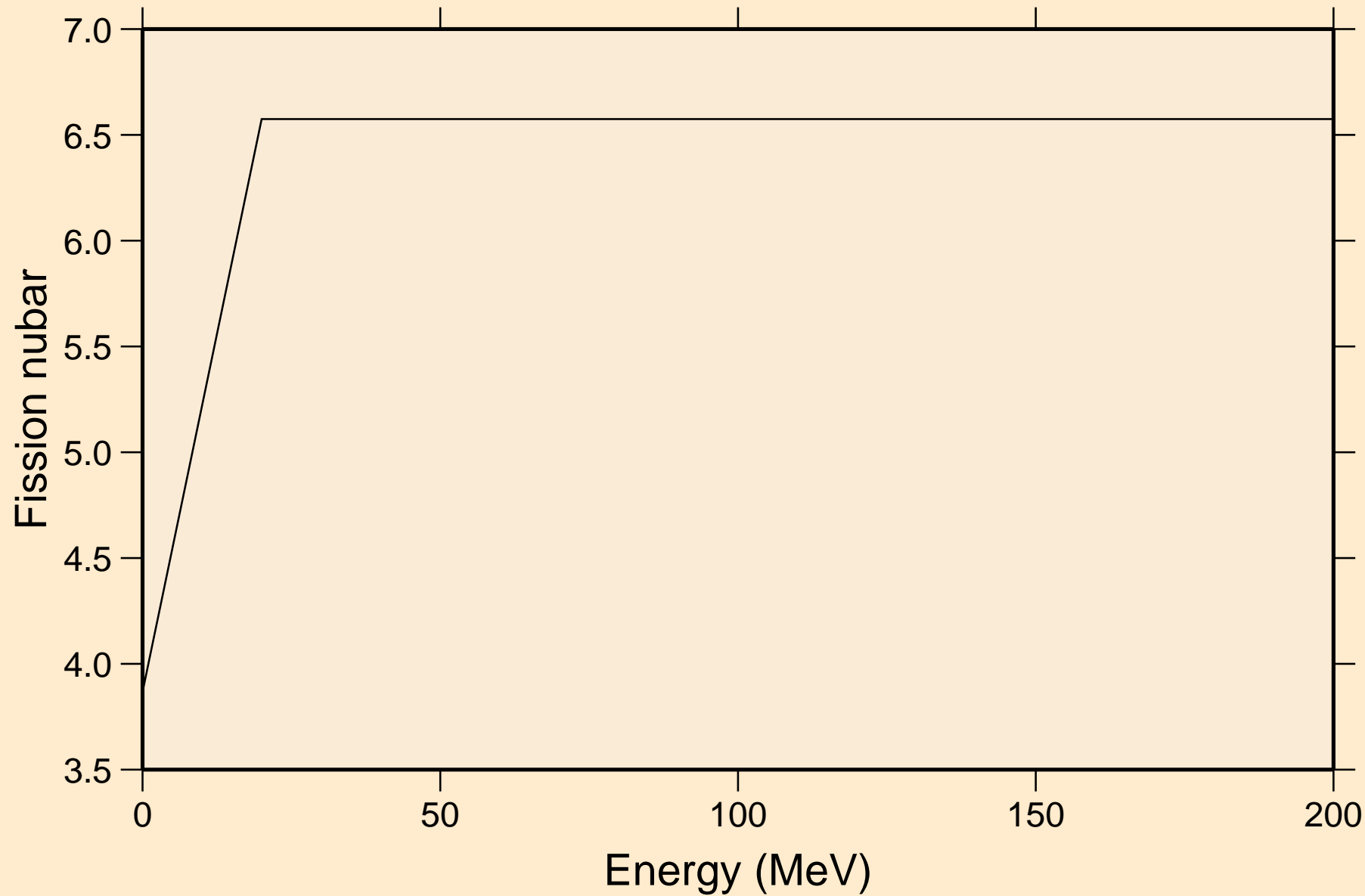


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

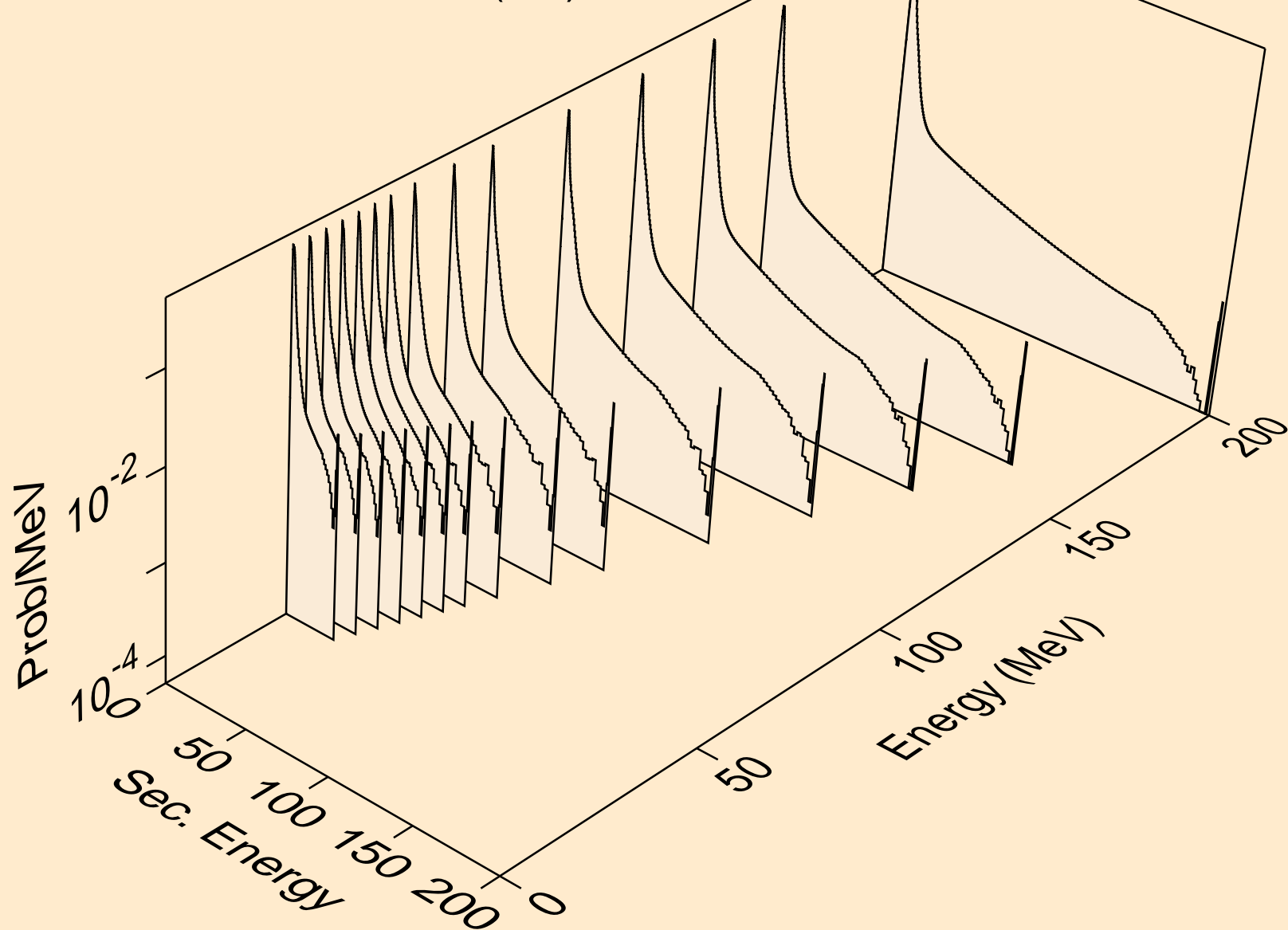


# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

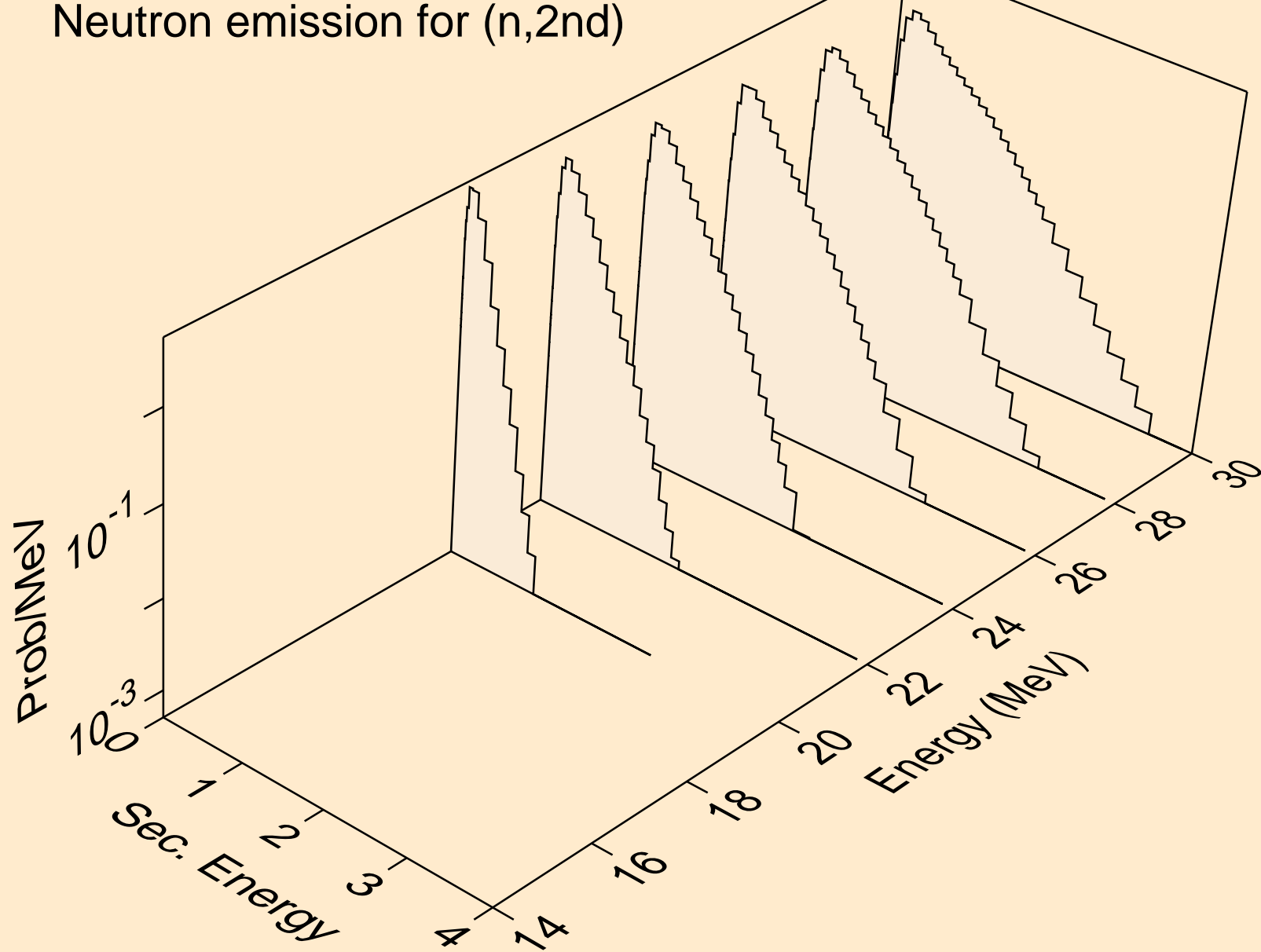
Total fission nubar



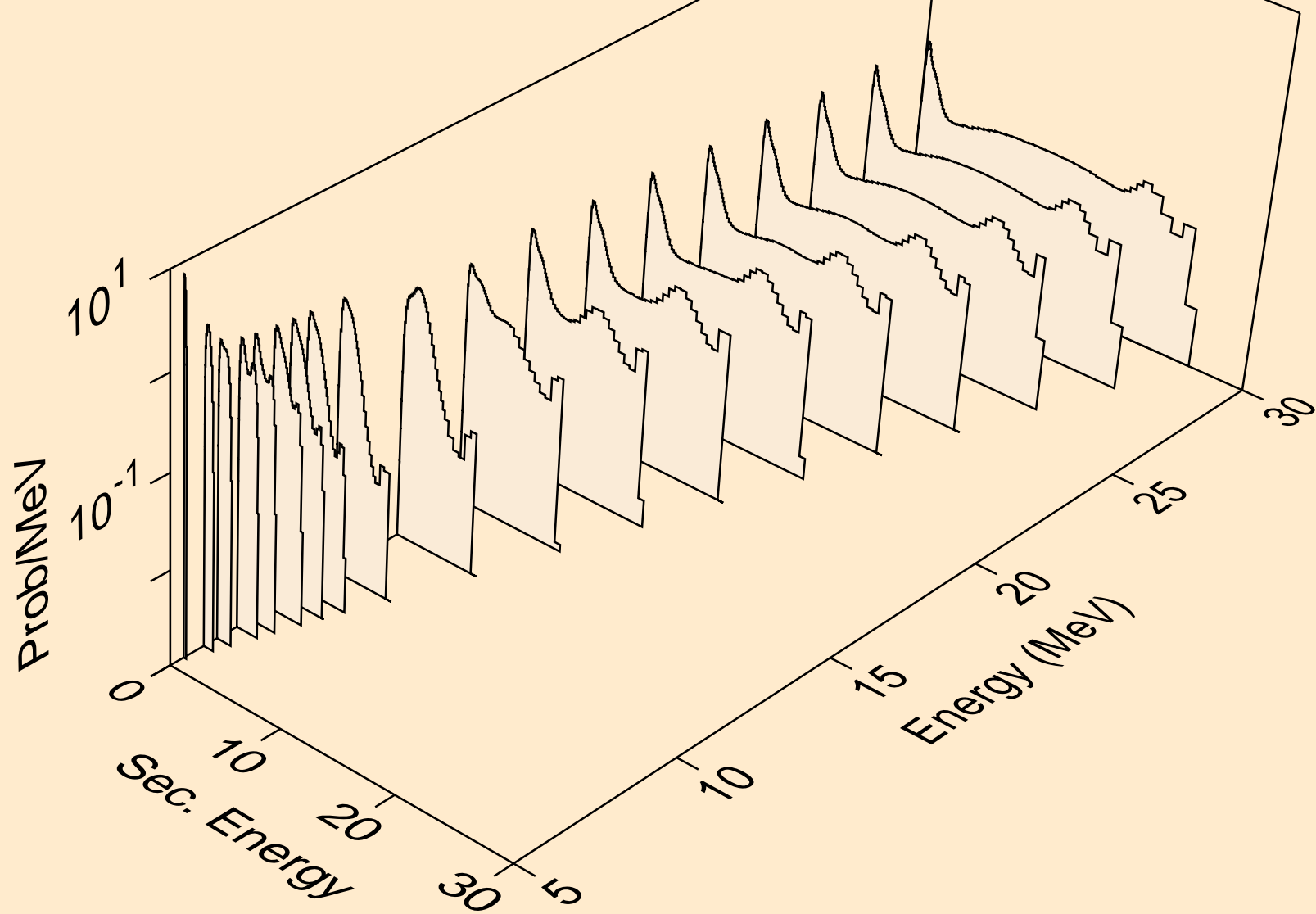
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



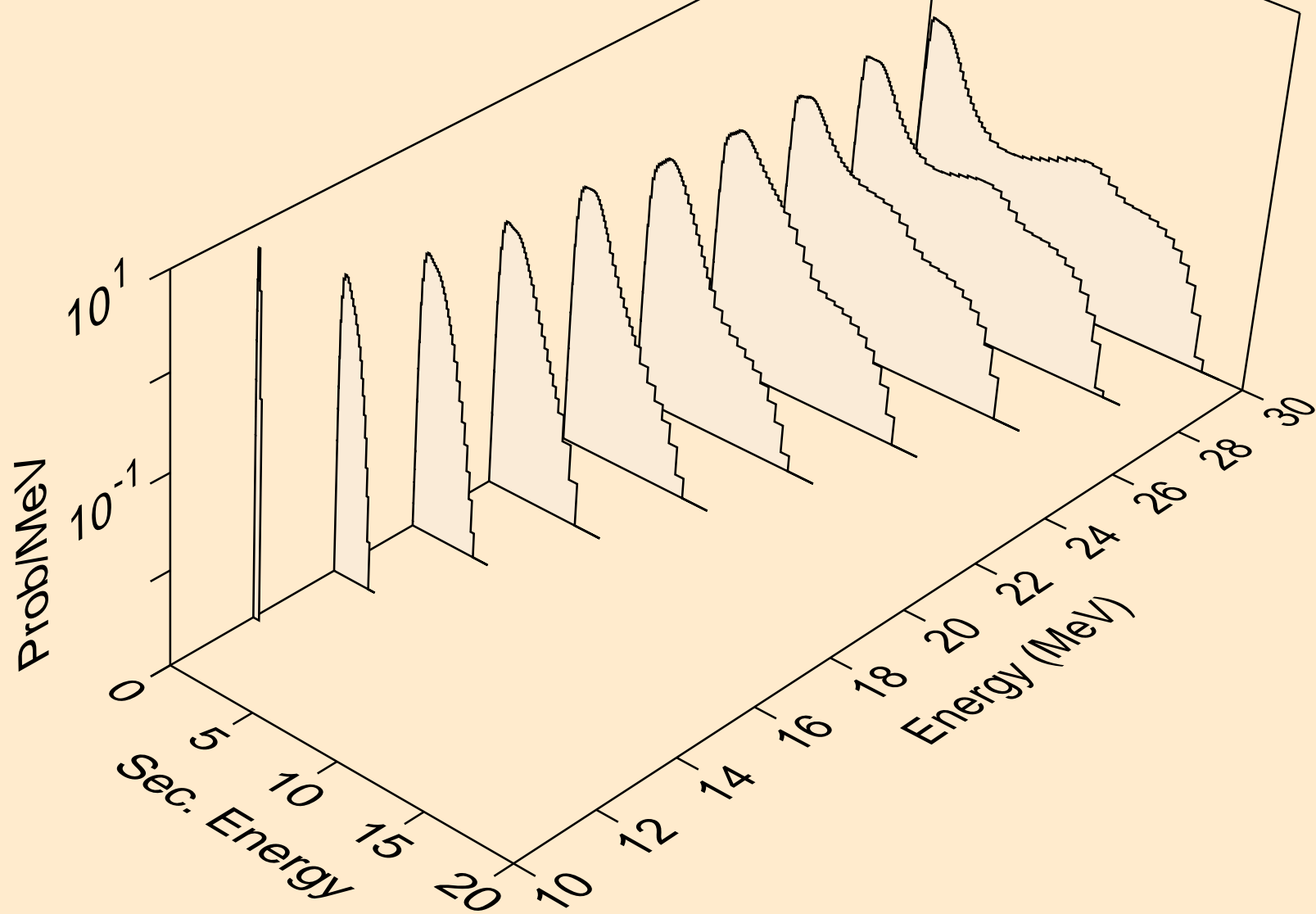
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

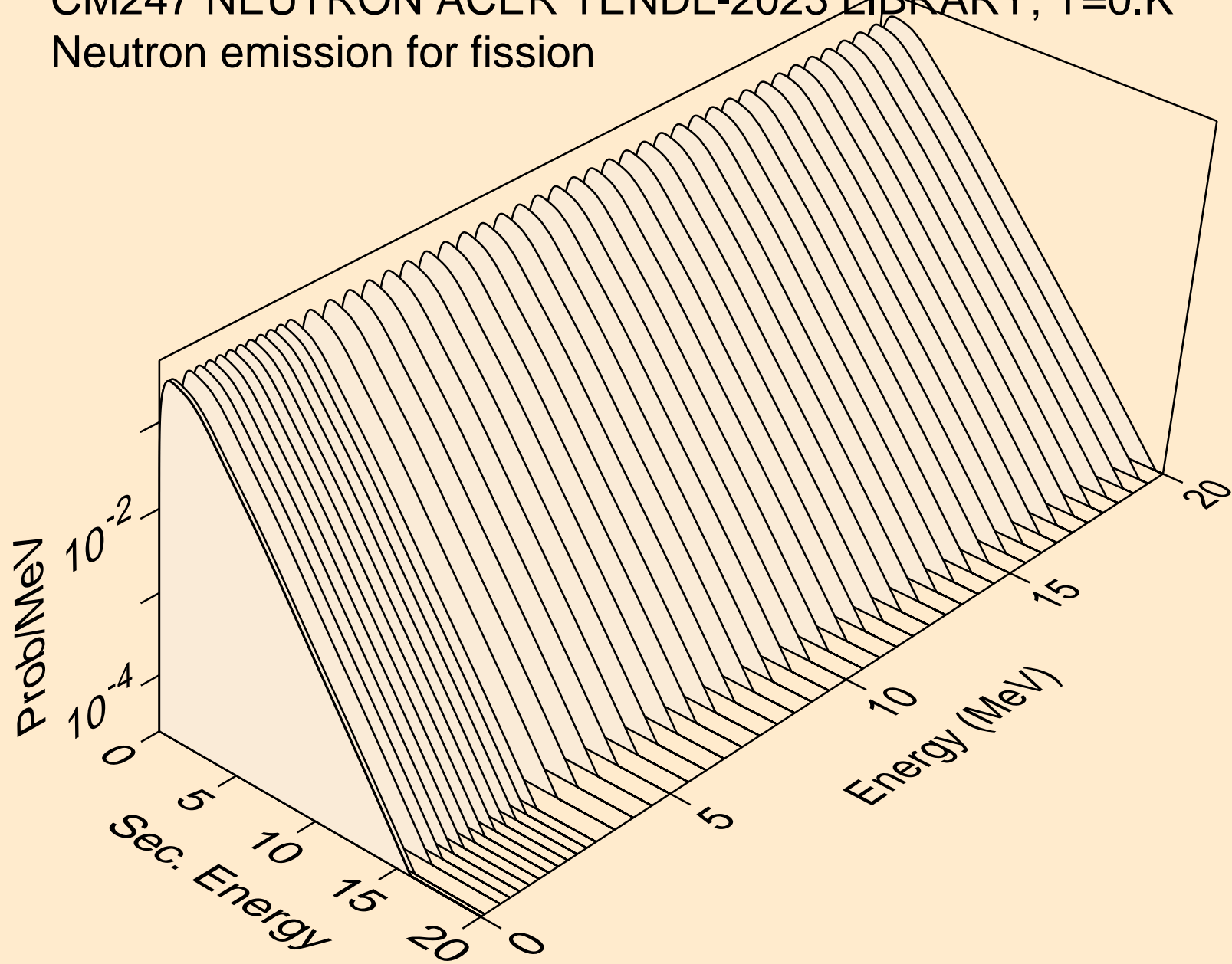


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

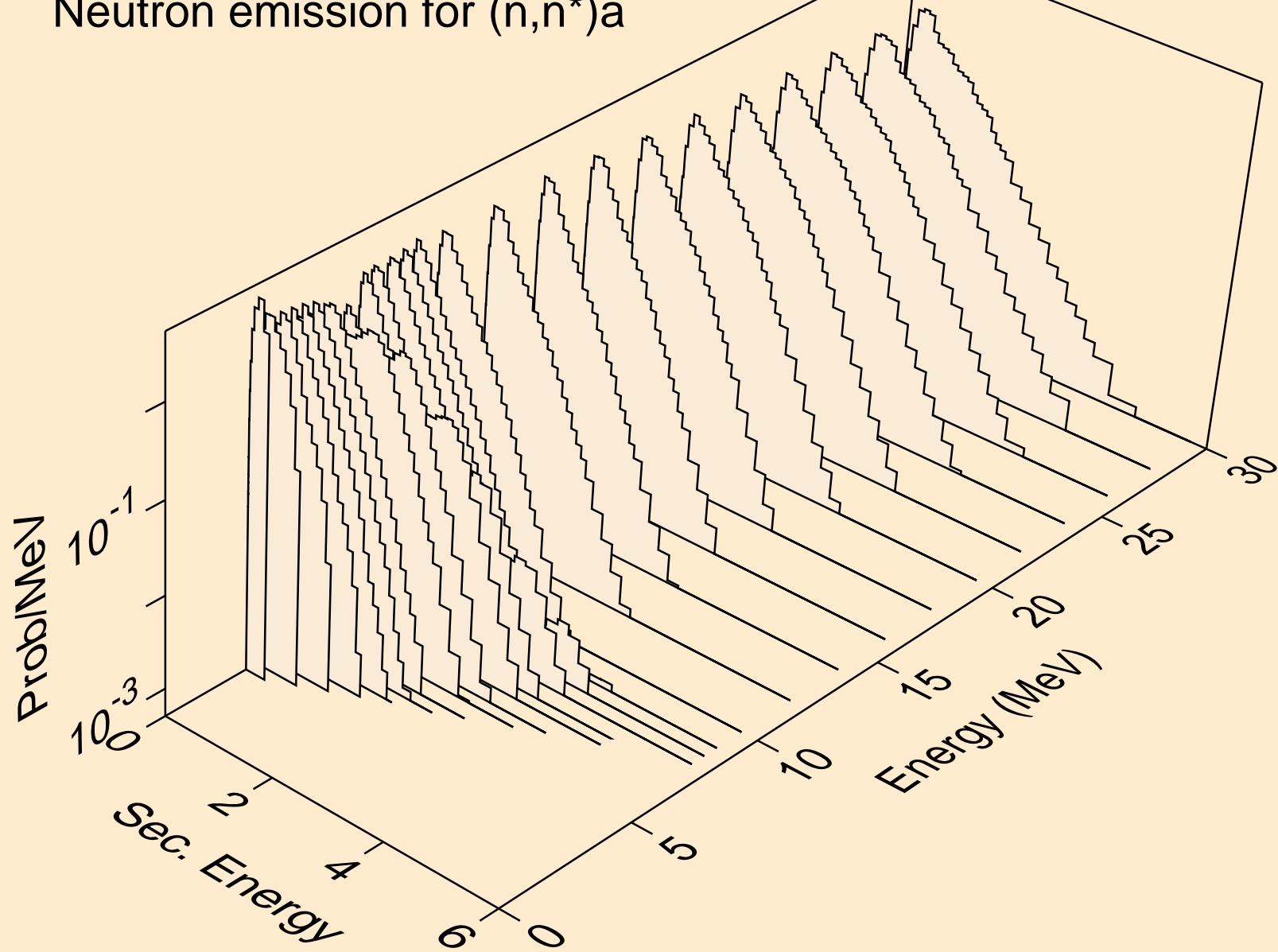




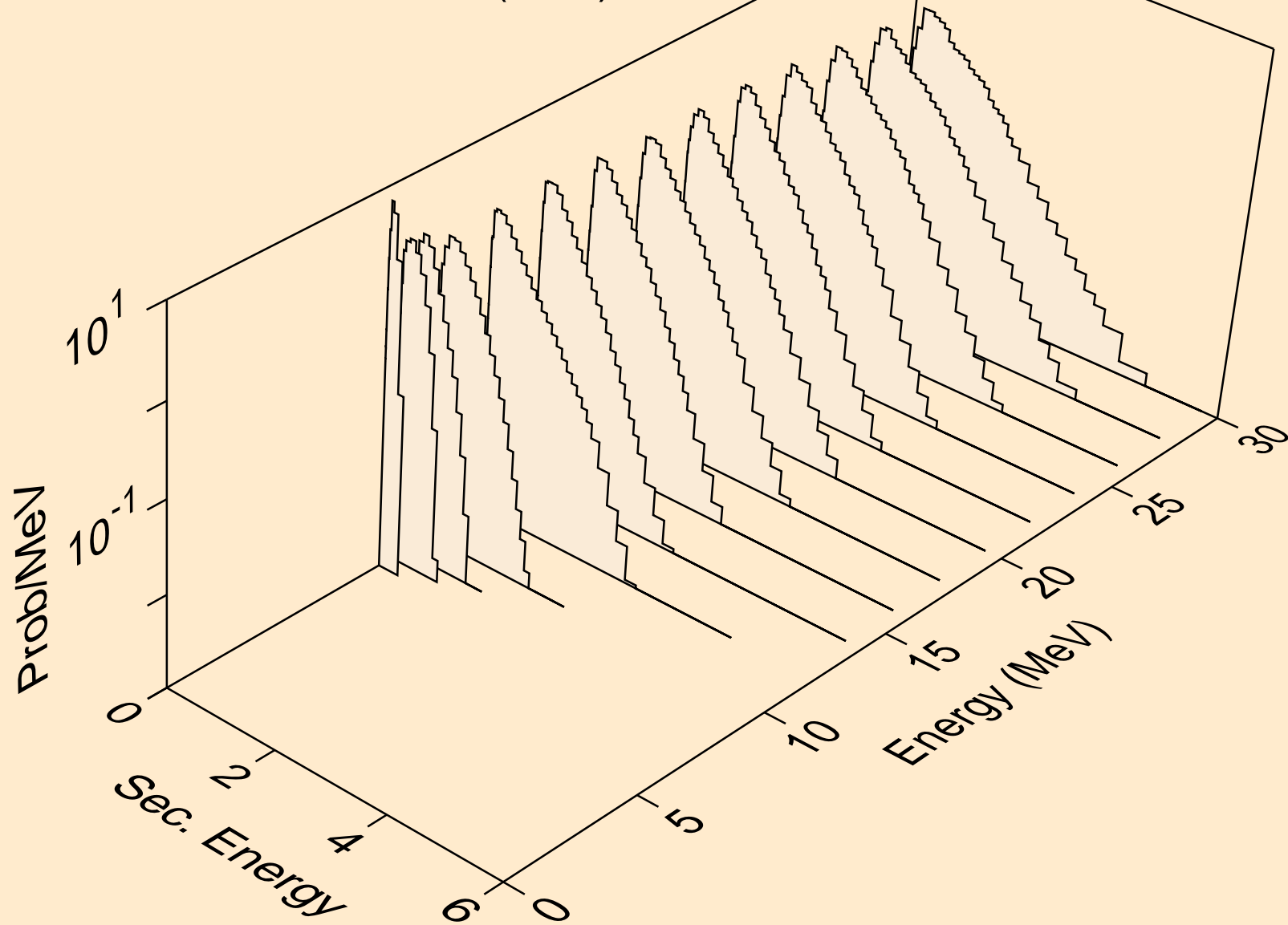
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Neutron emission for fission



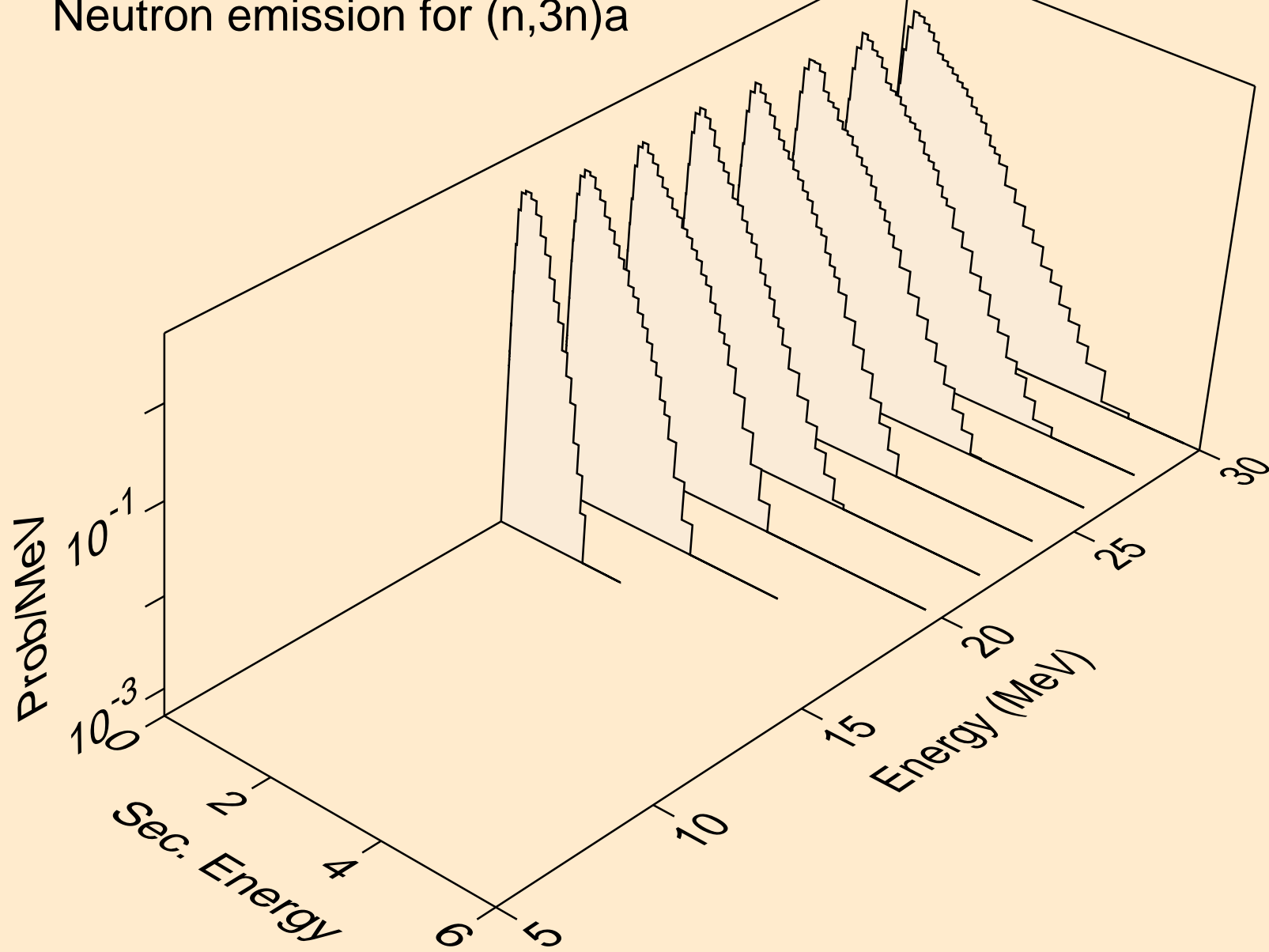
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



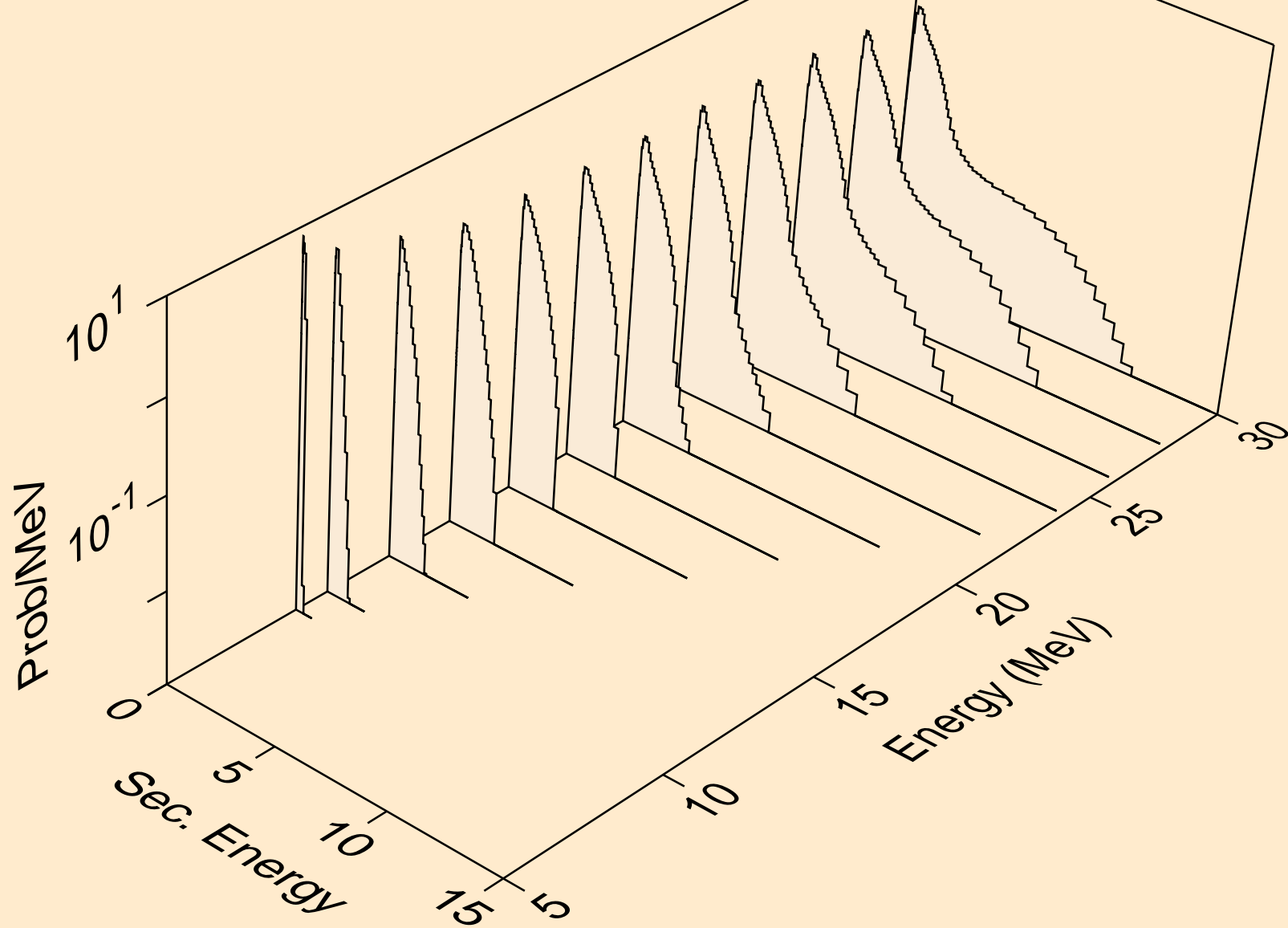
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



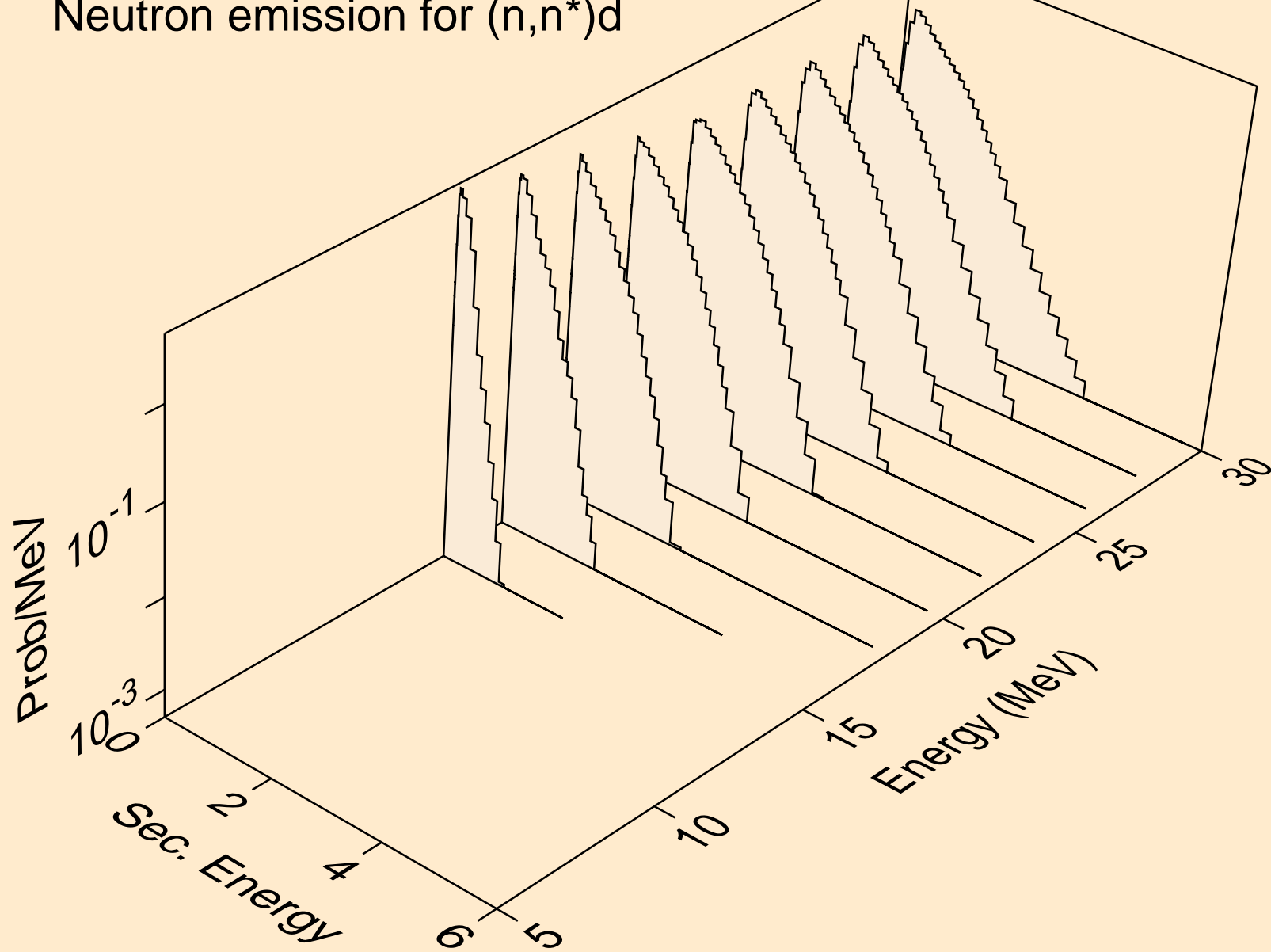
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



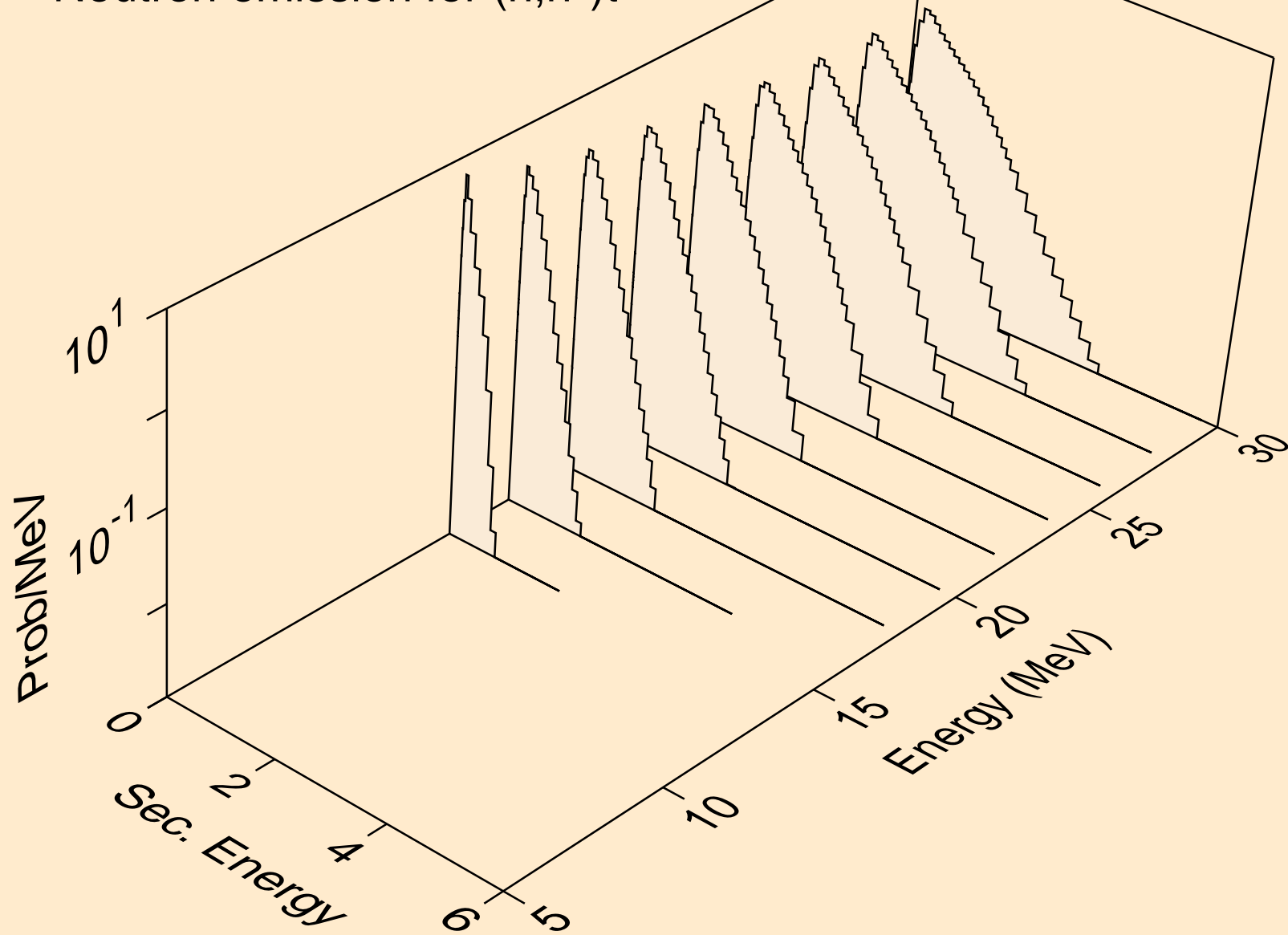
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



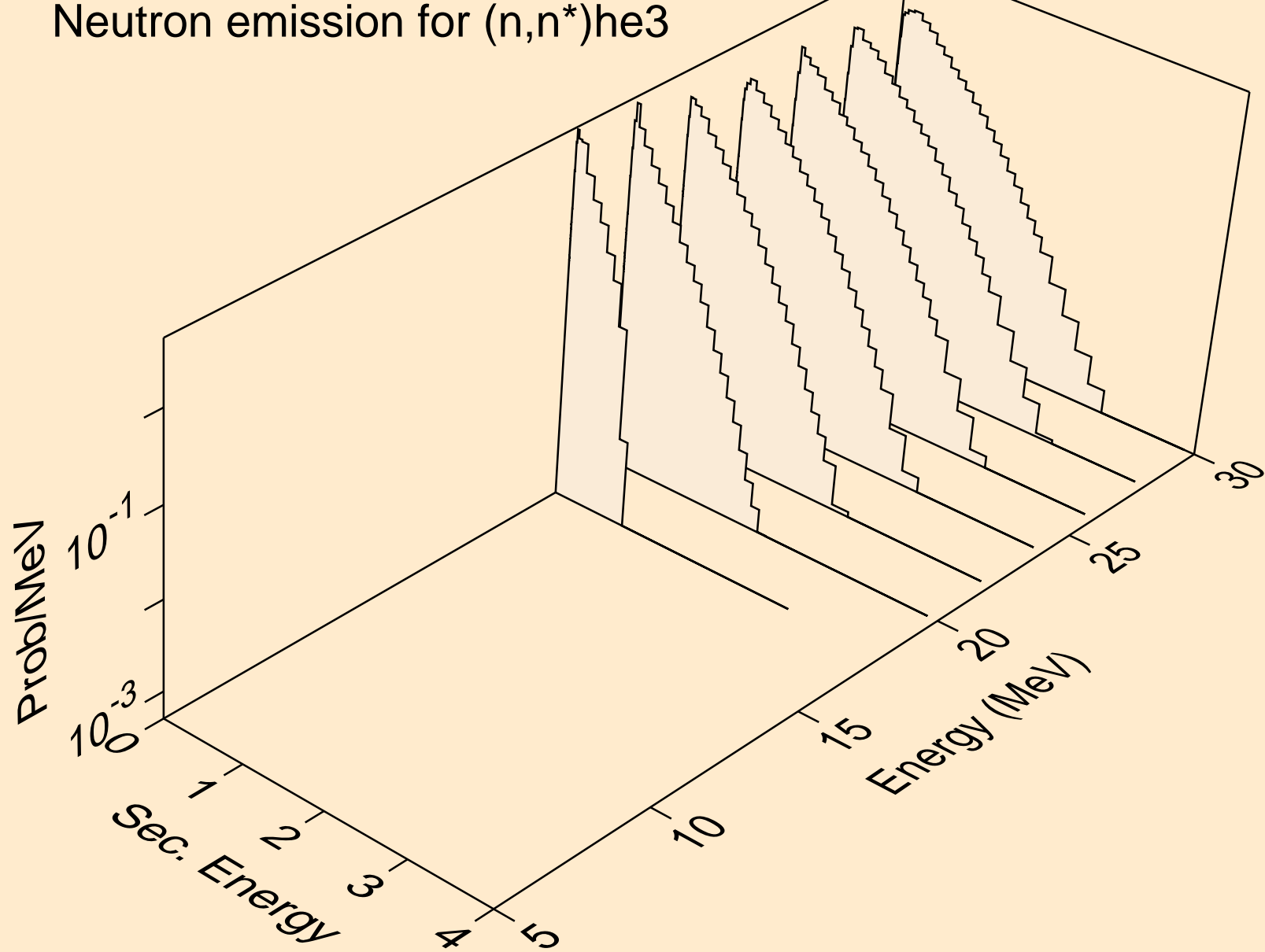
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

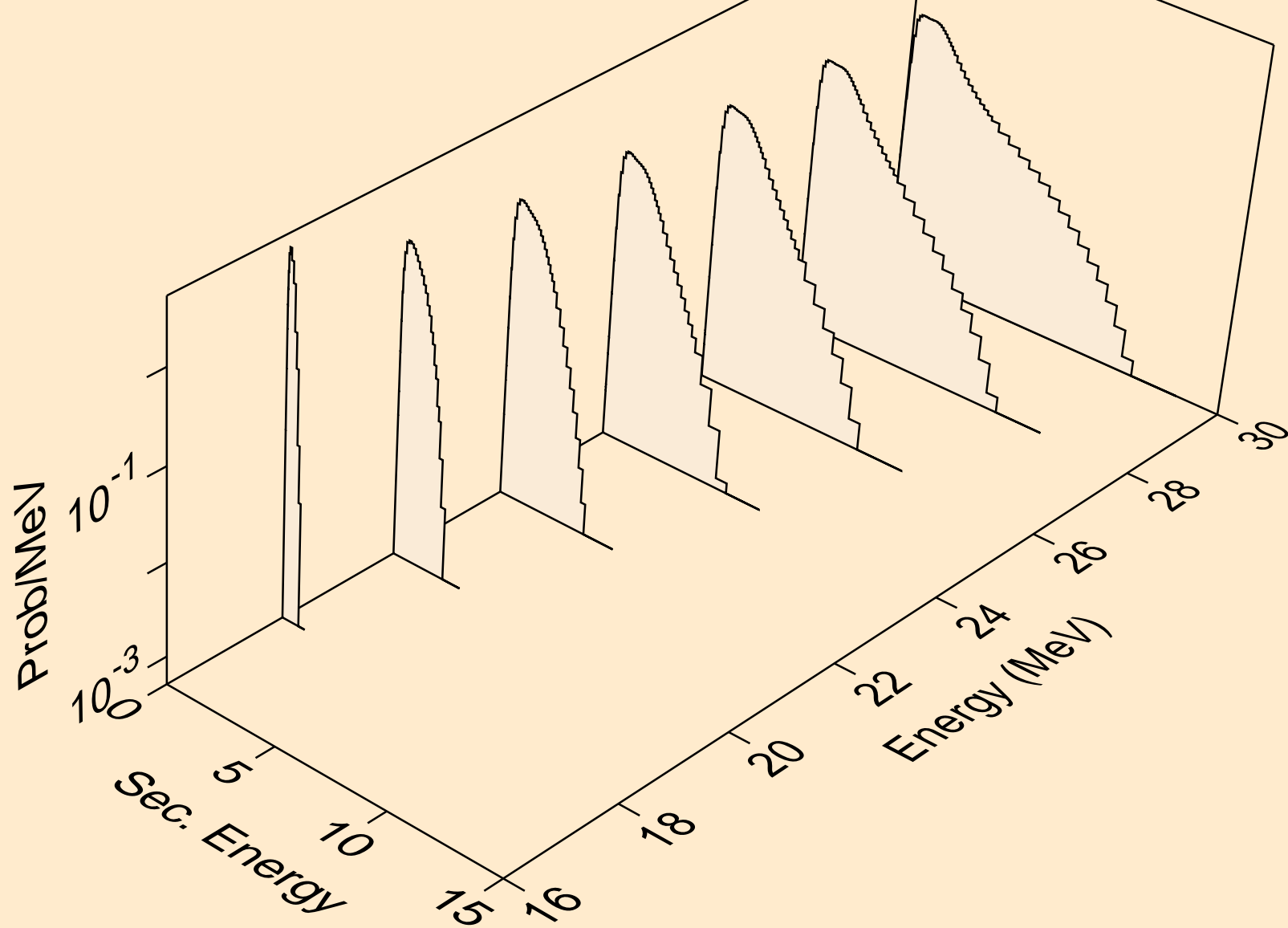


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

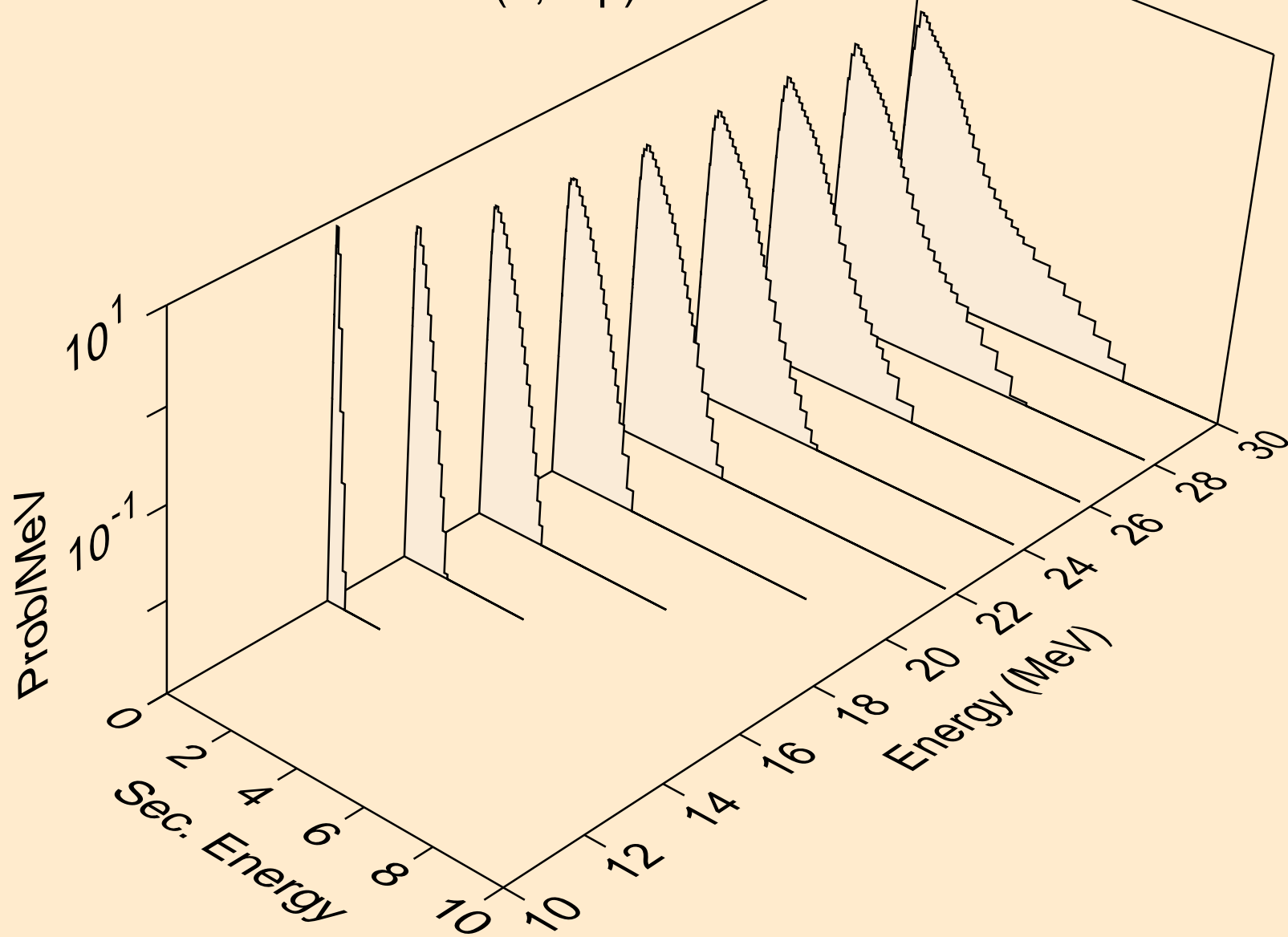




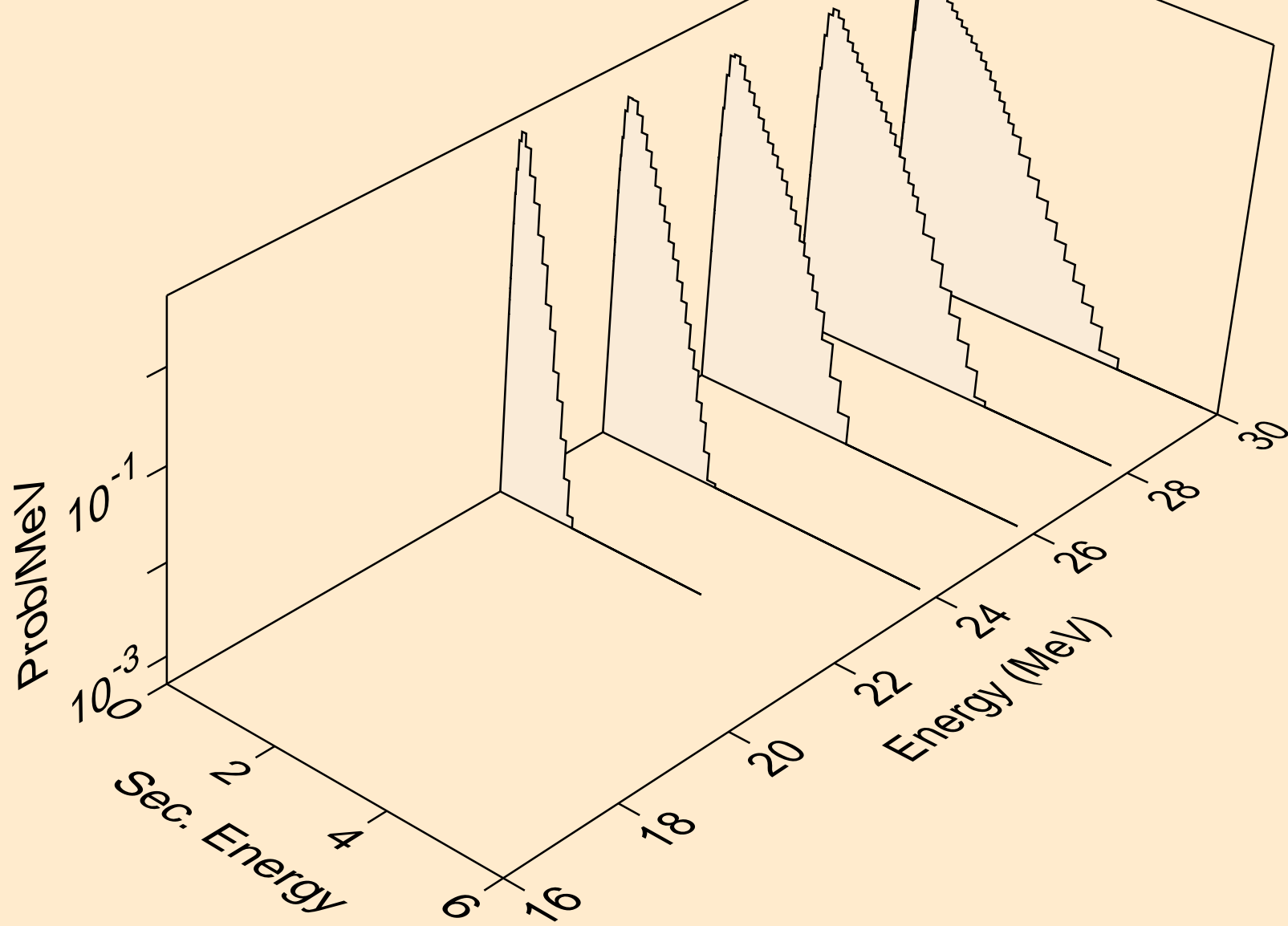
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



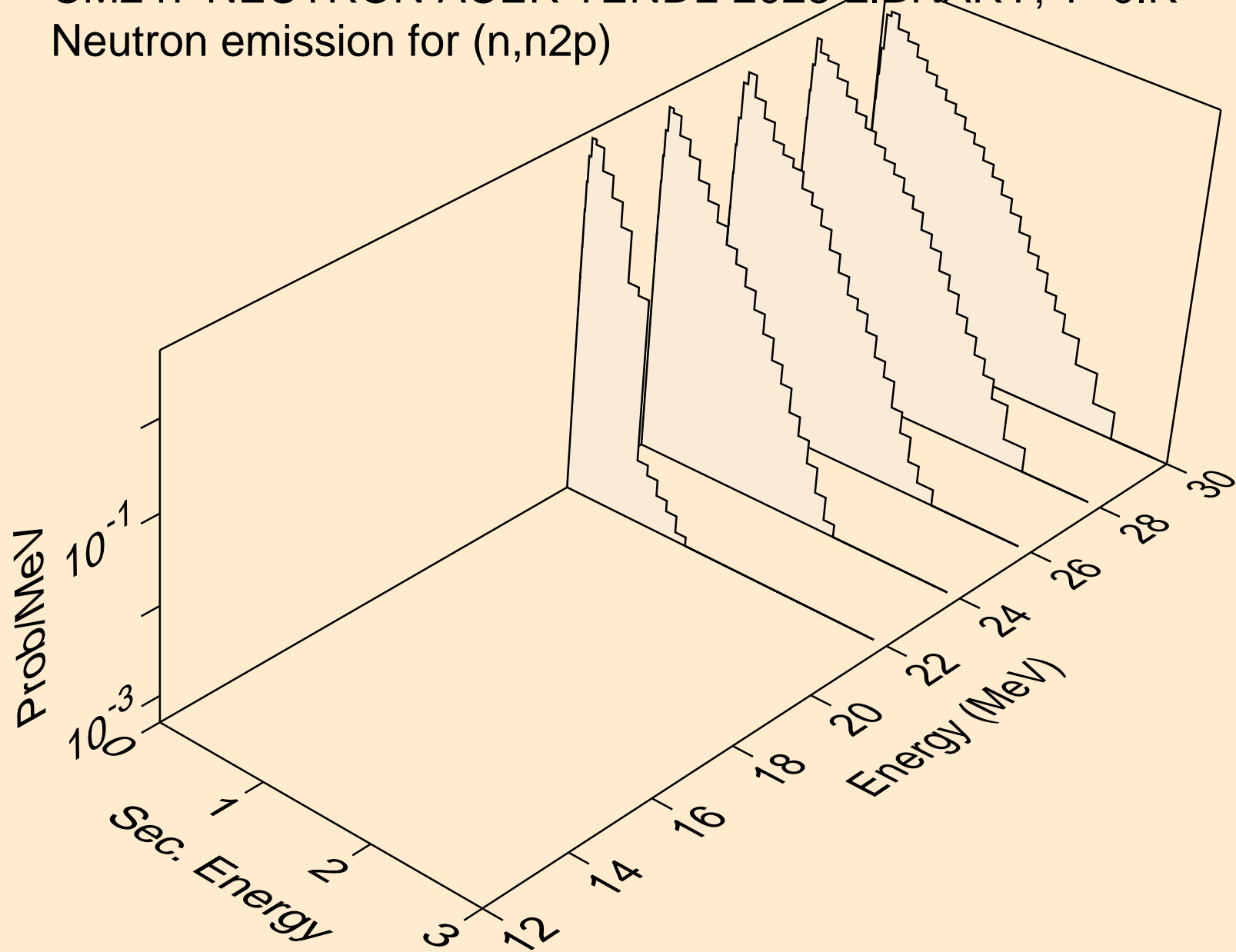
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



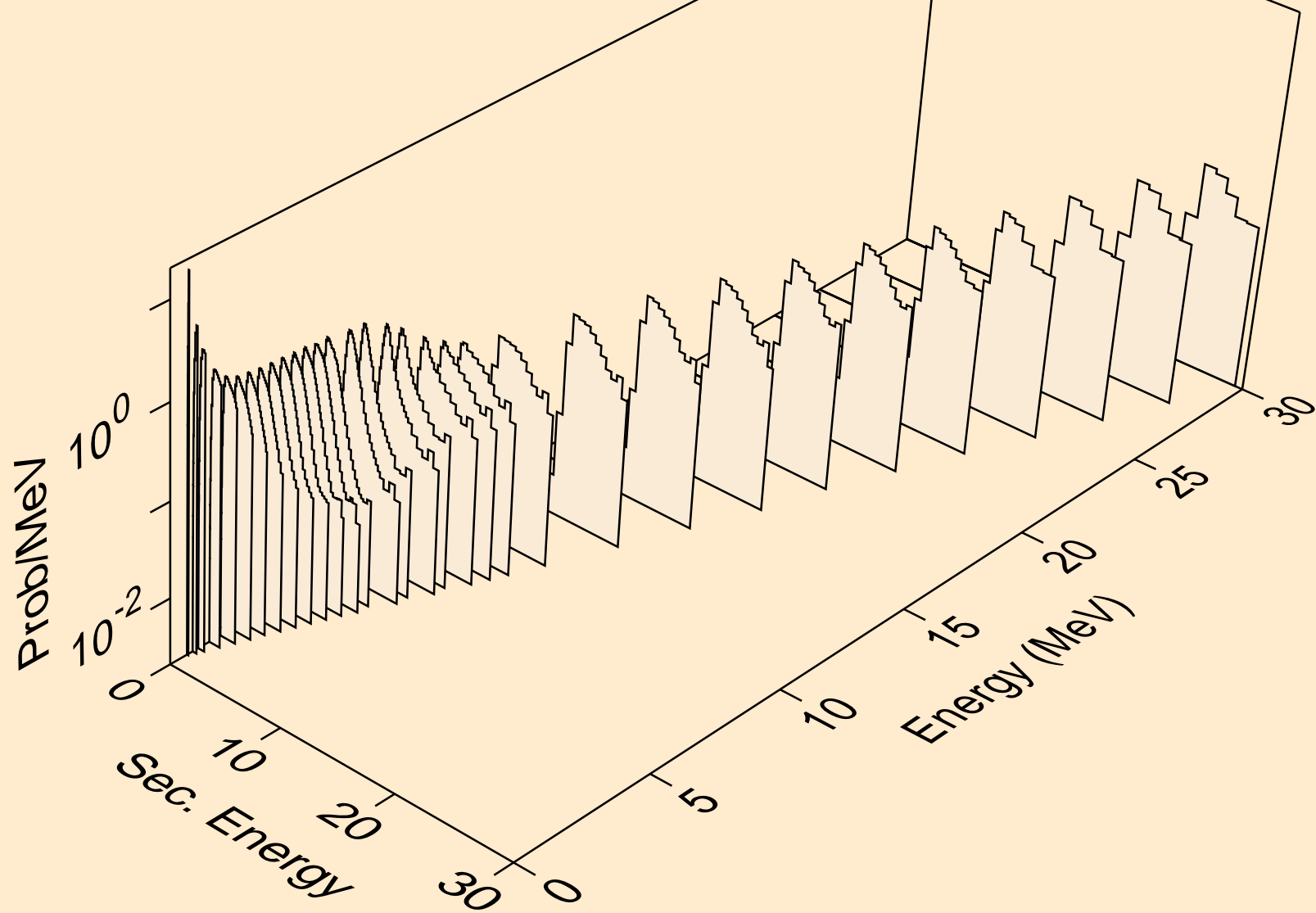
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

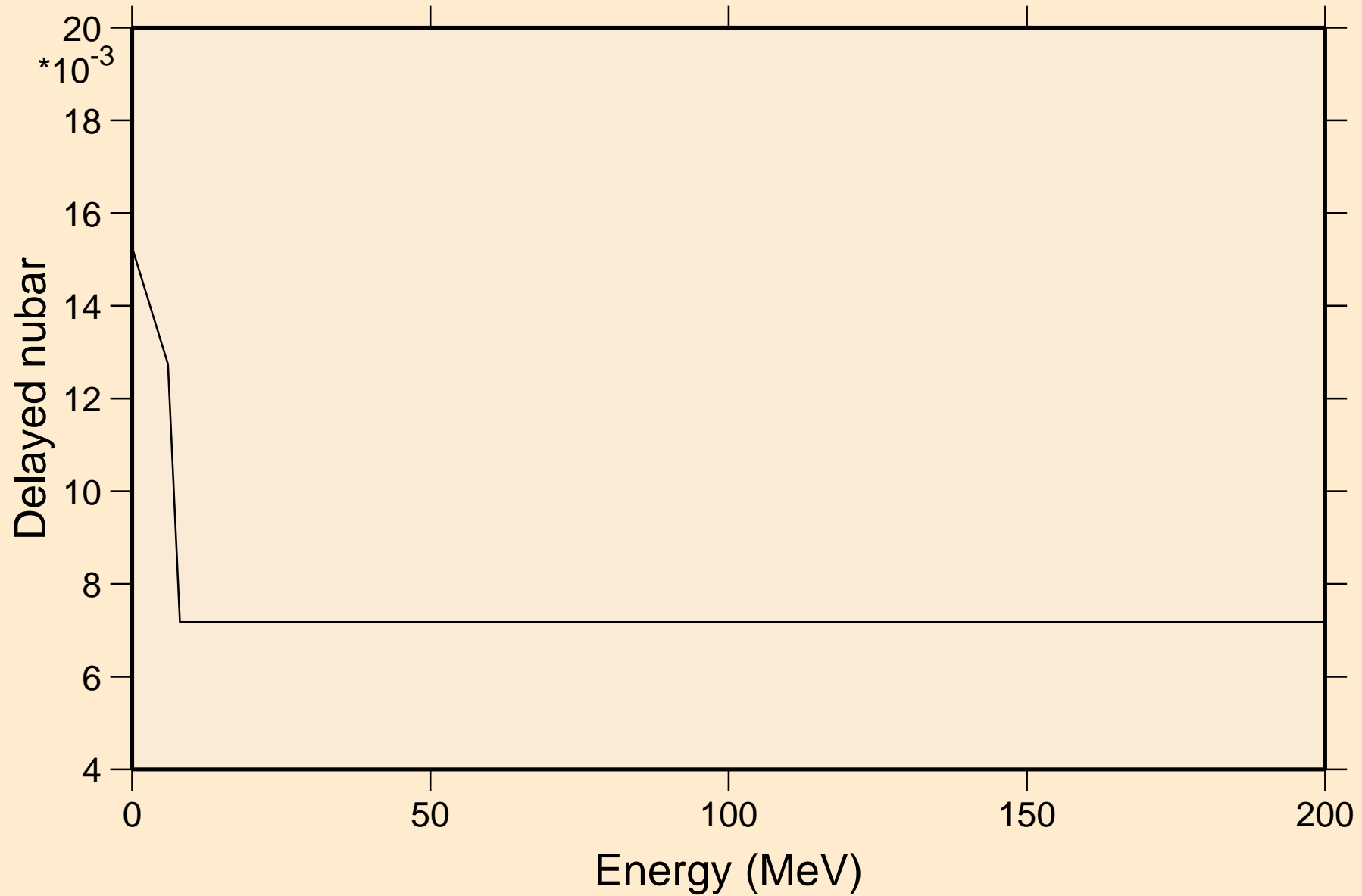


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



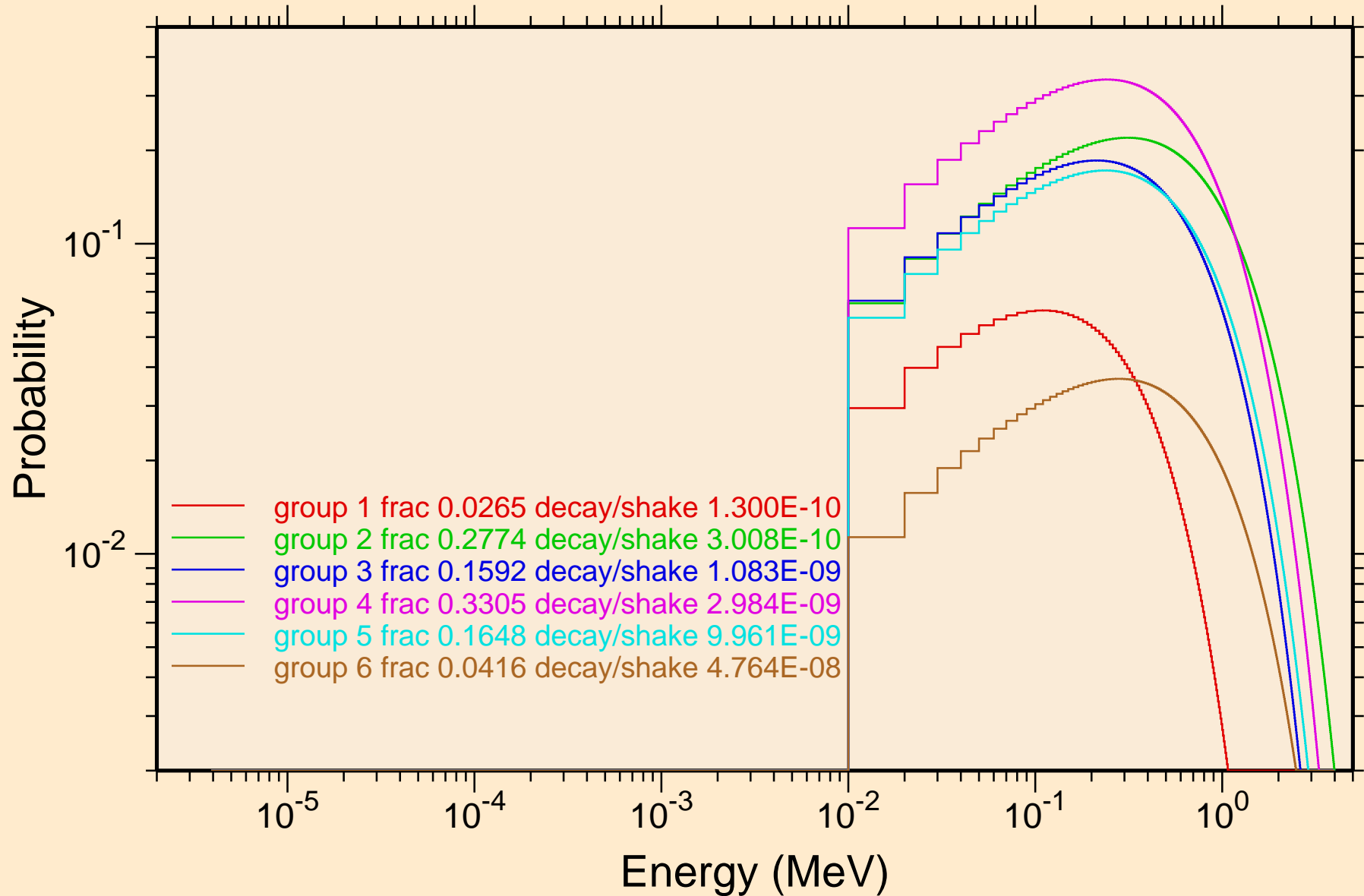
# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar

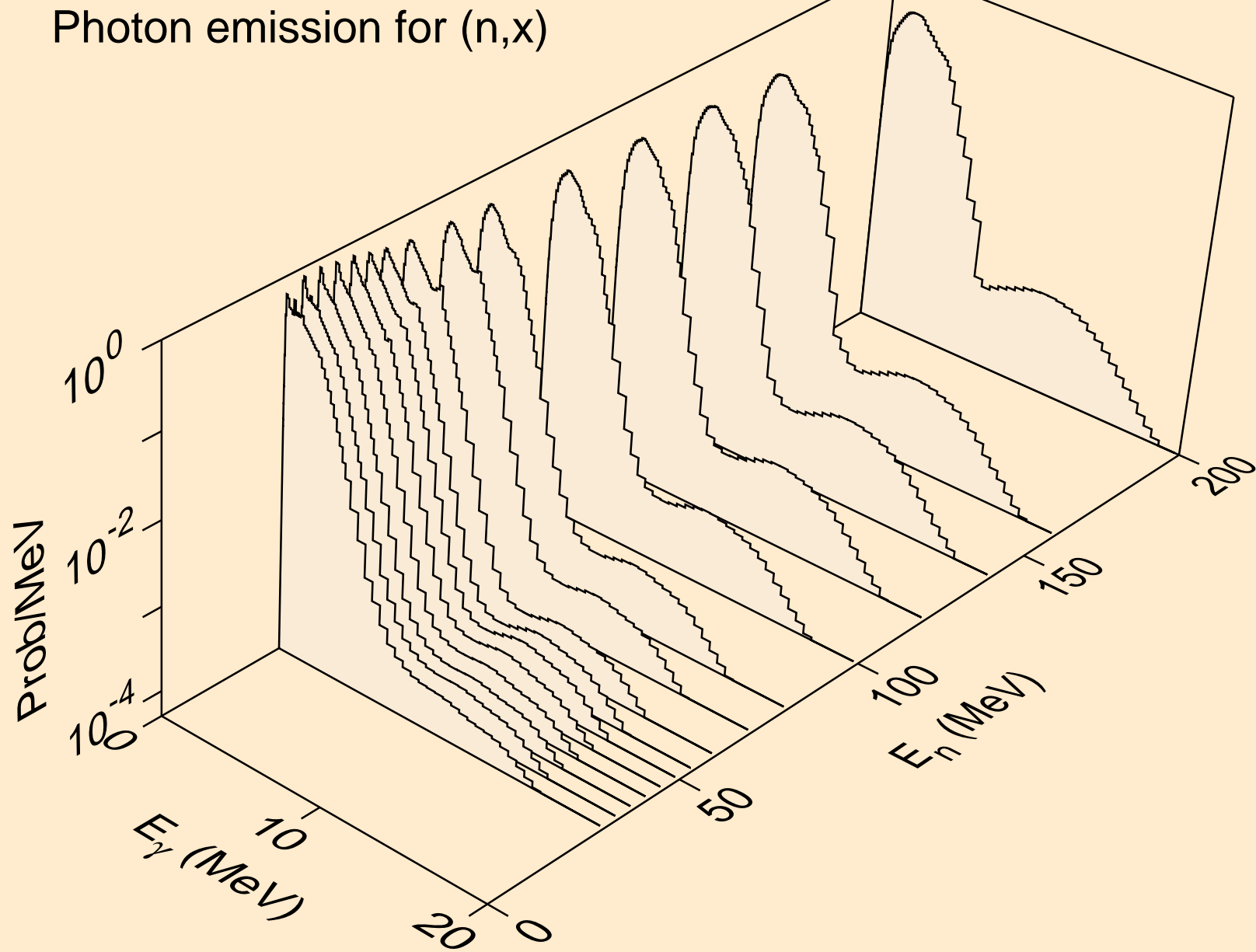


# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed neutron spectra

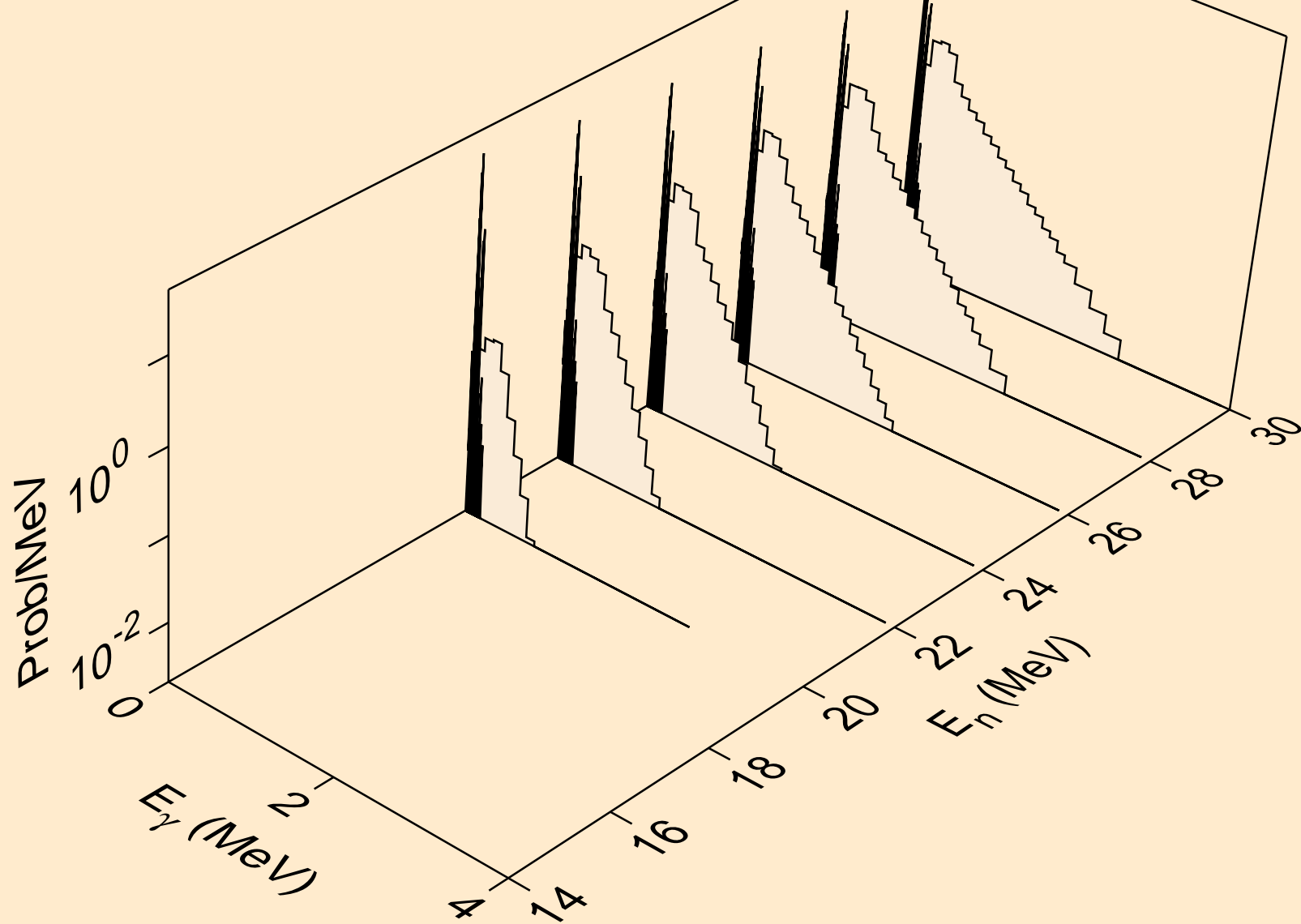


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

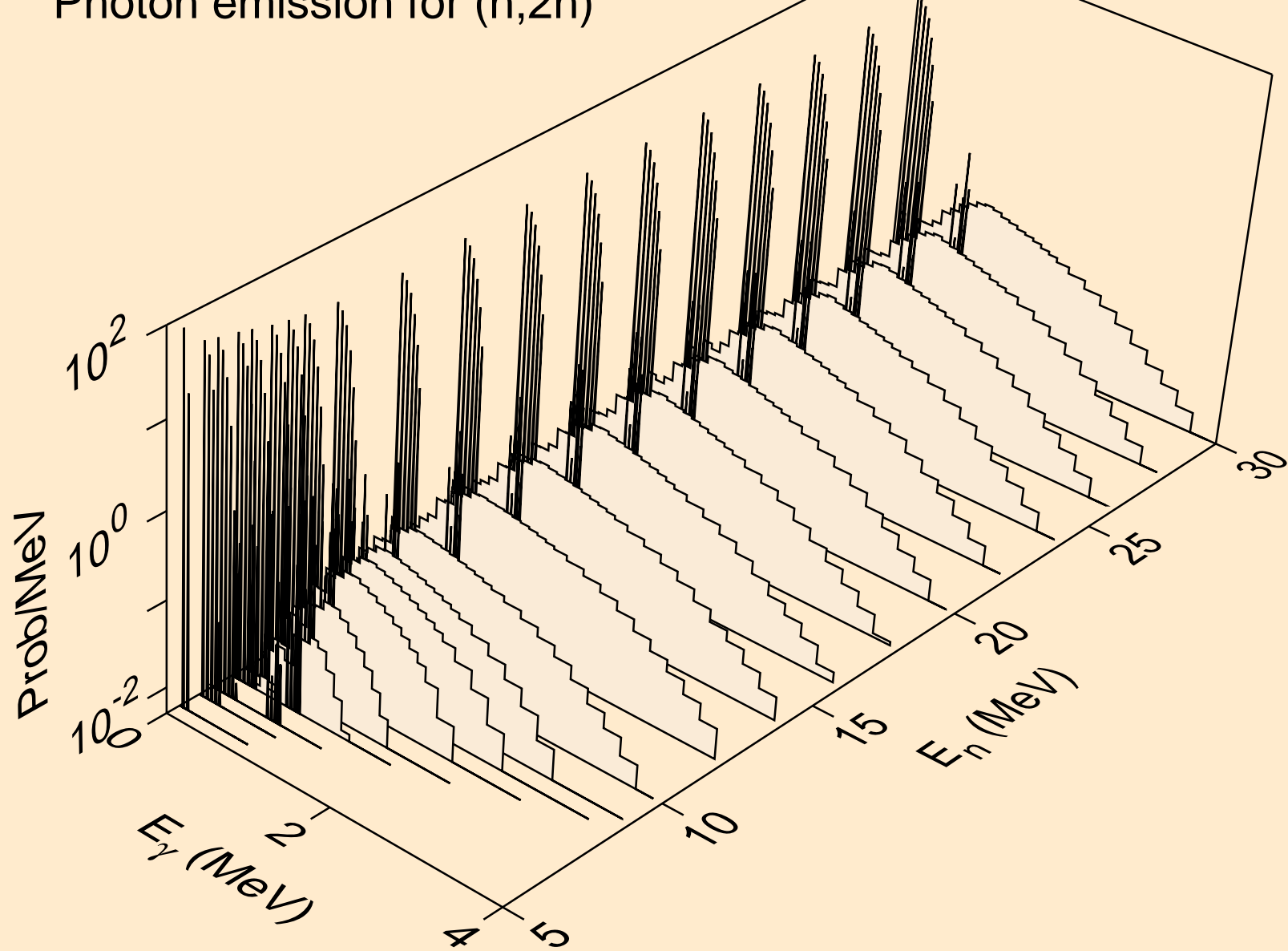




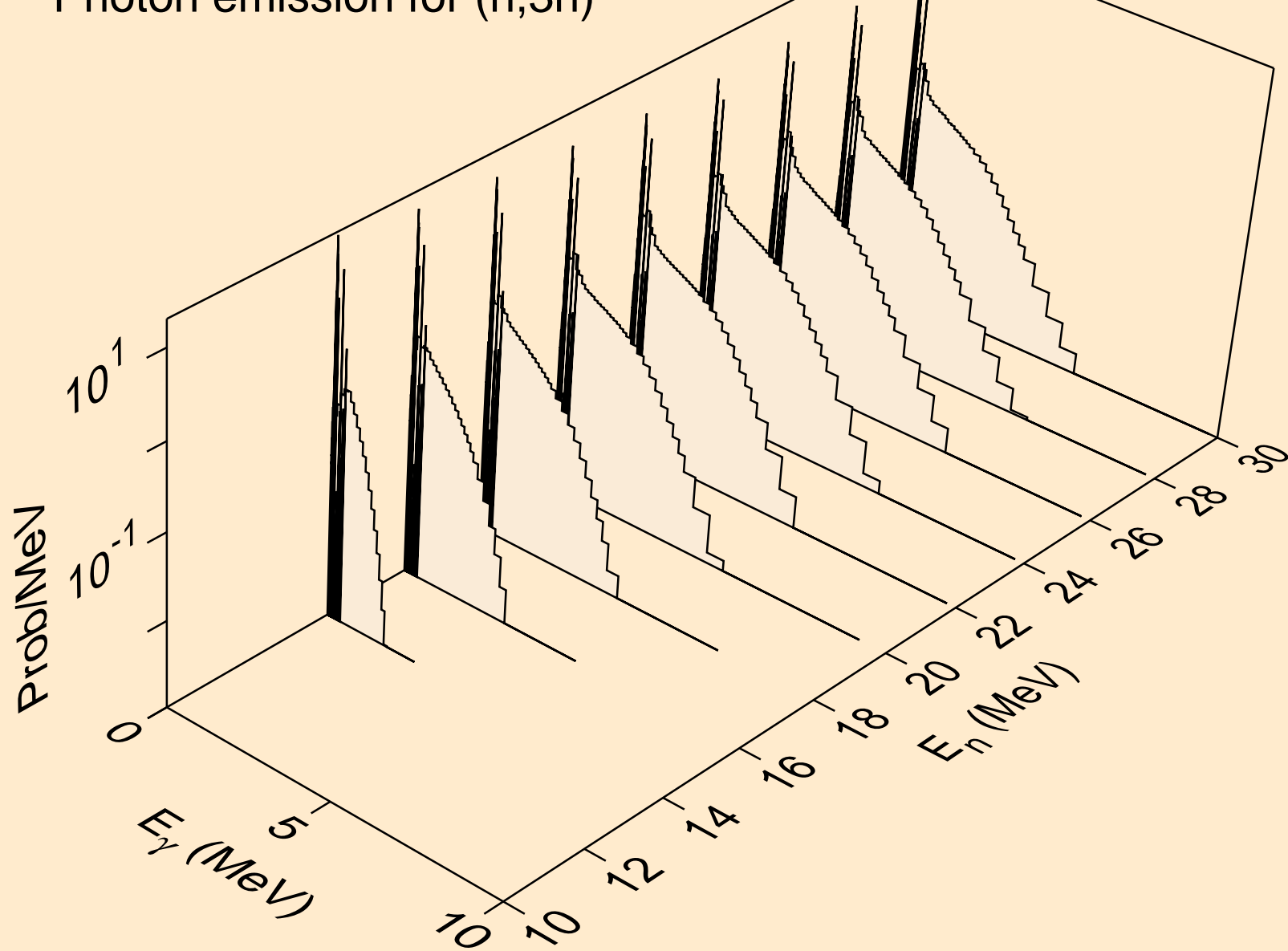
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



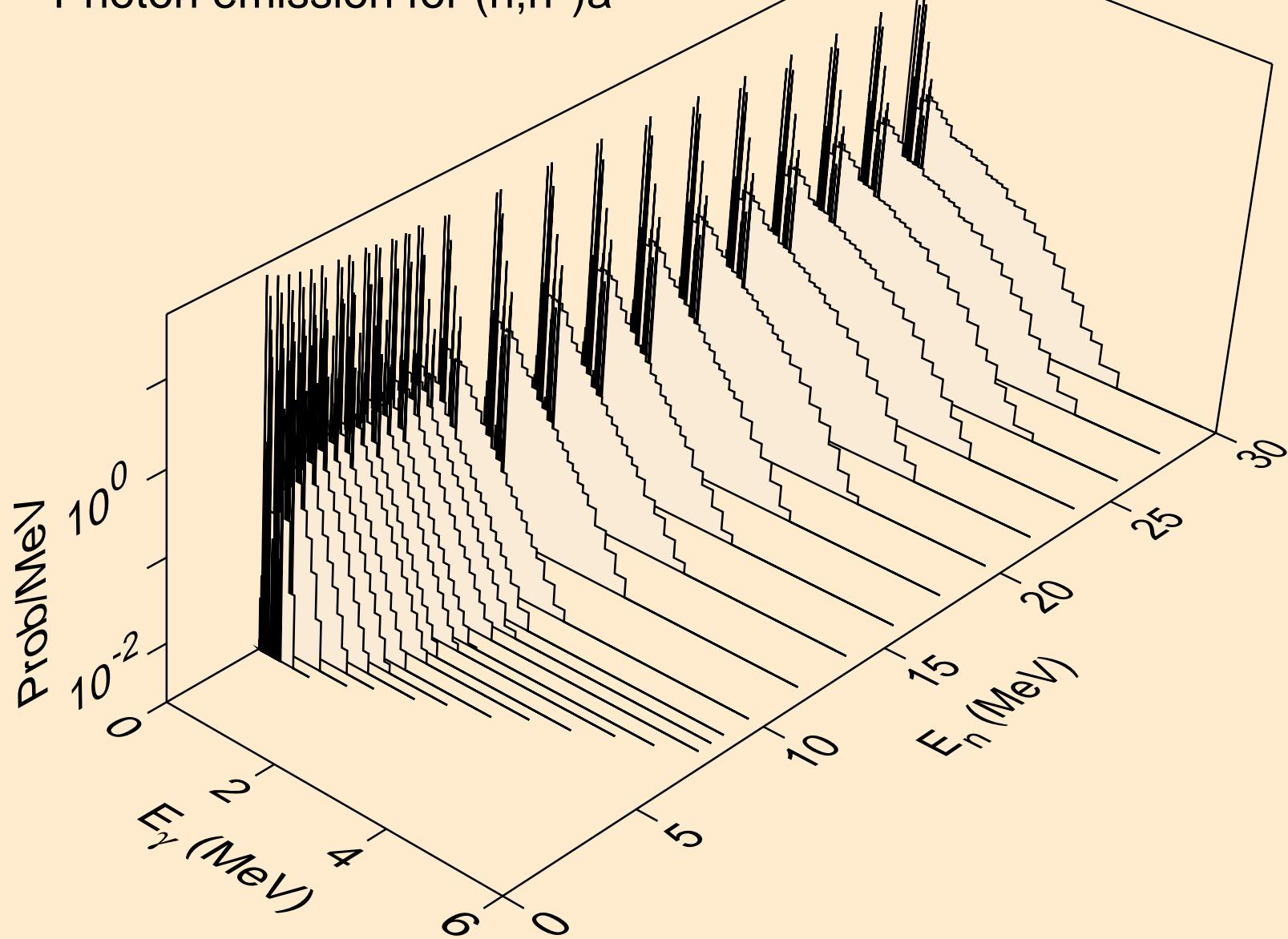
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



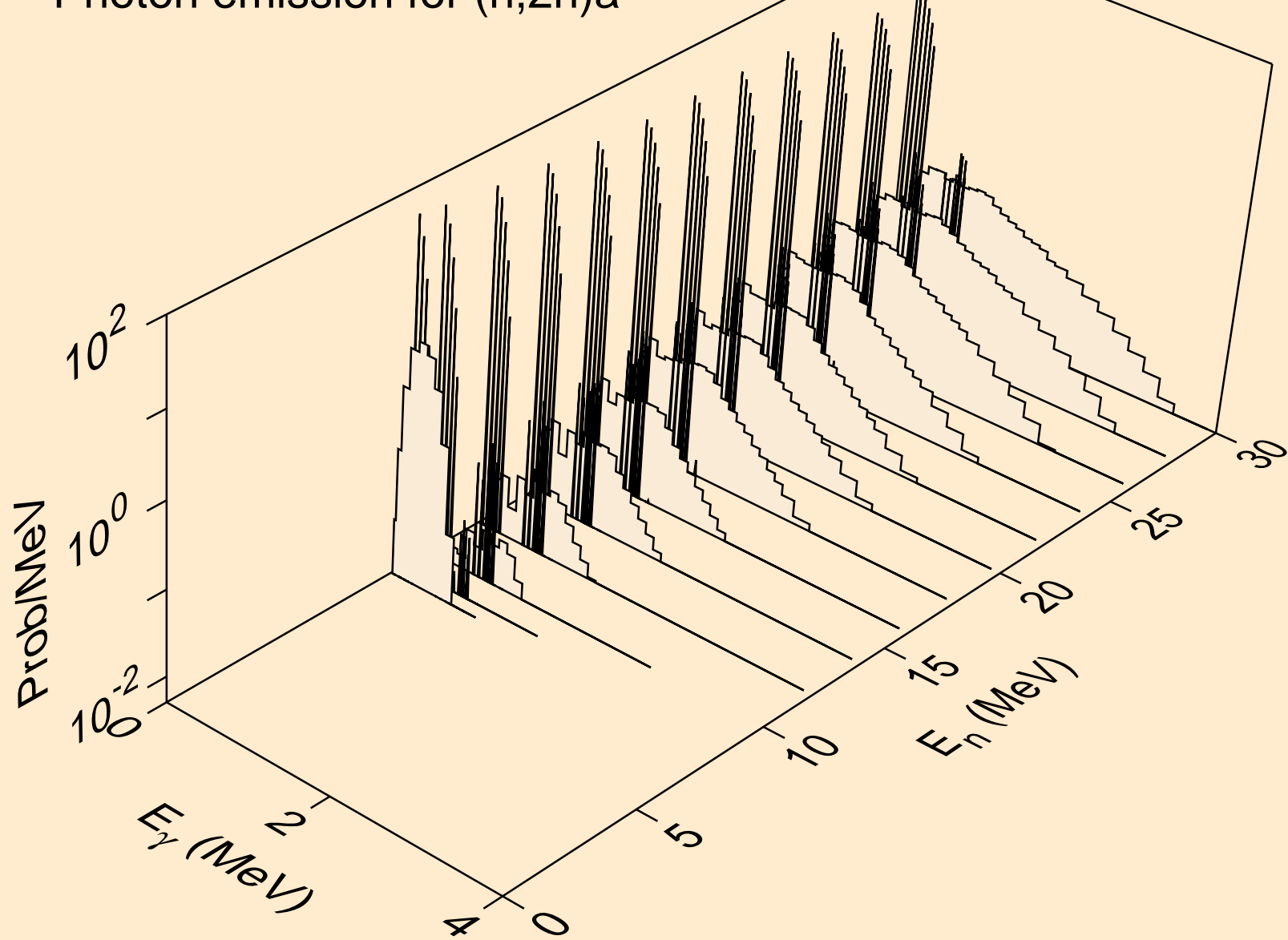
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



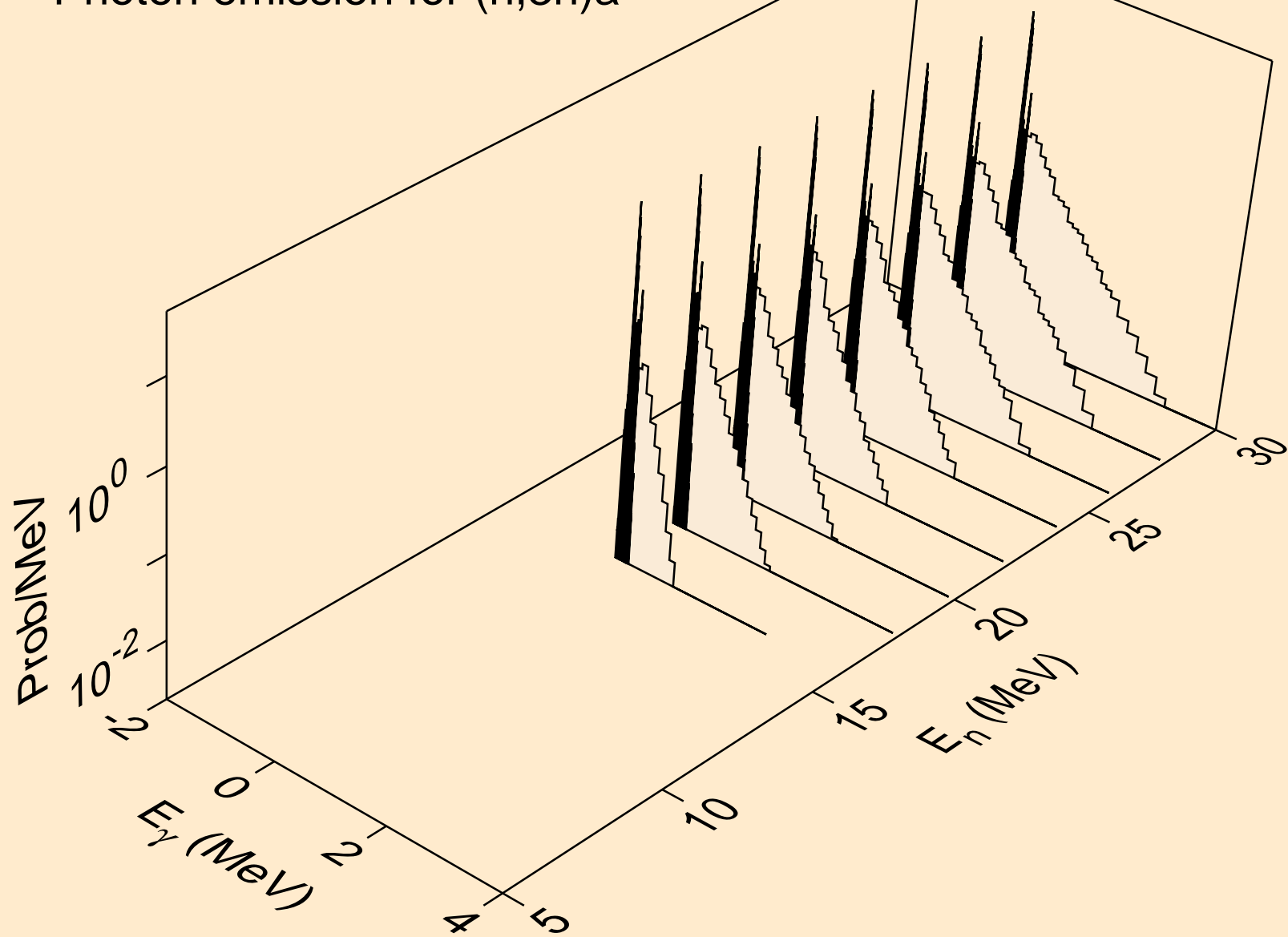
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



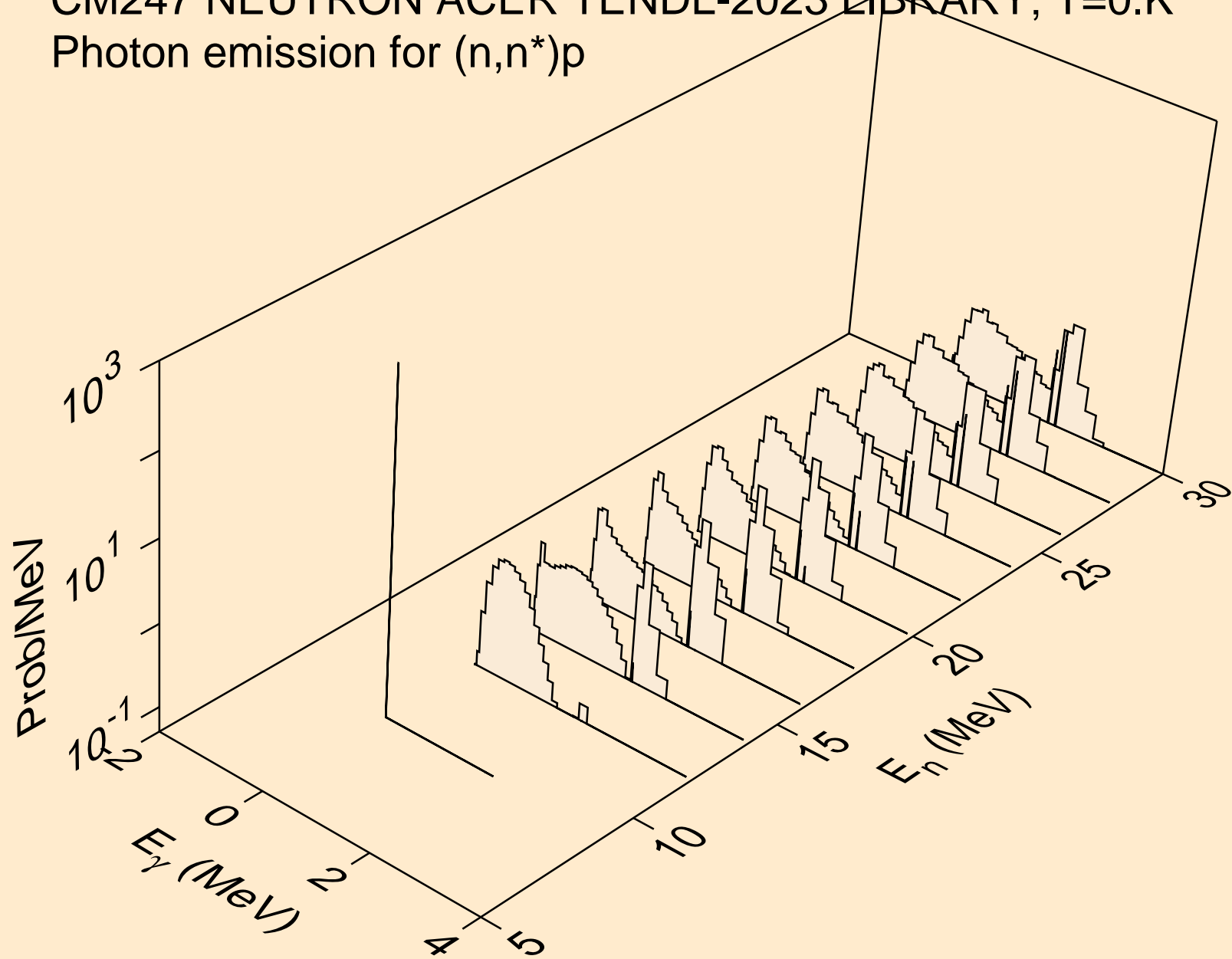
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



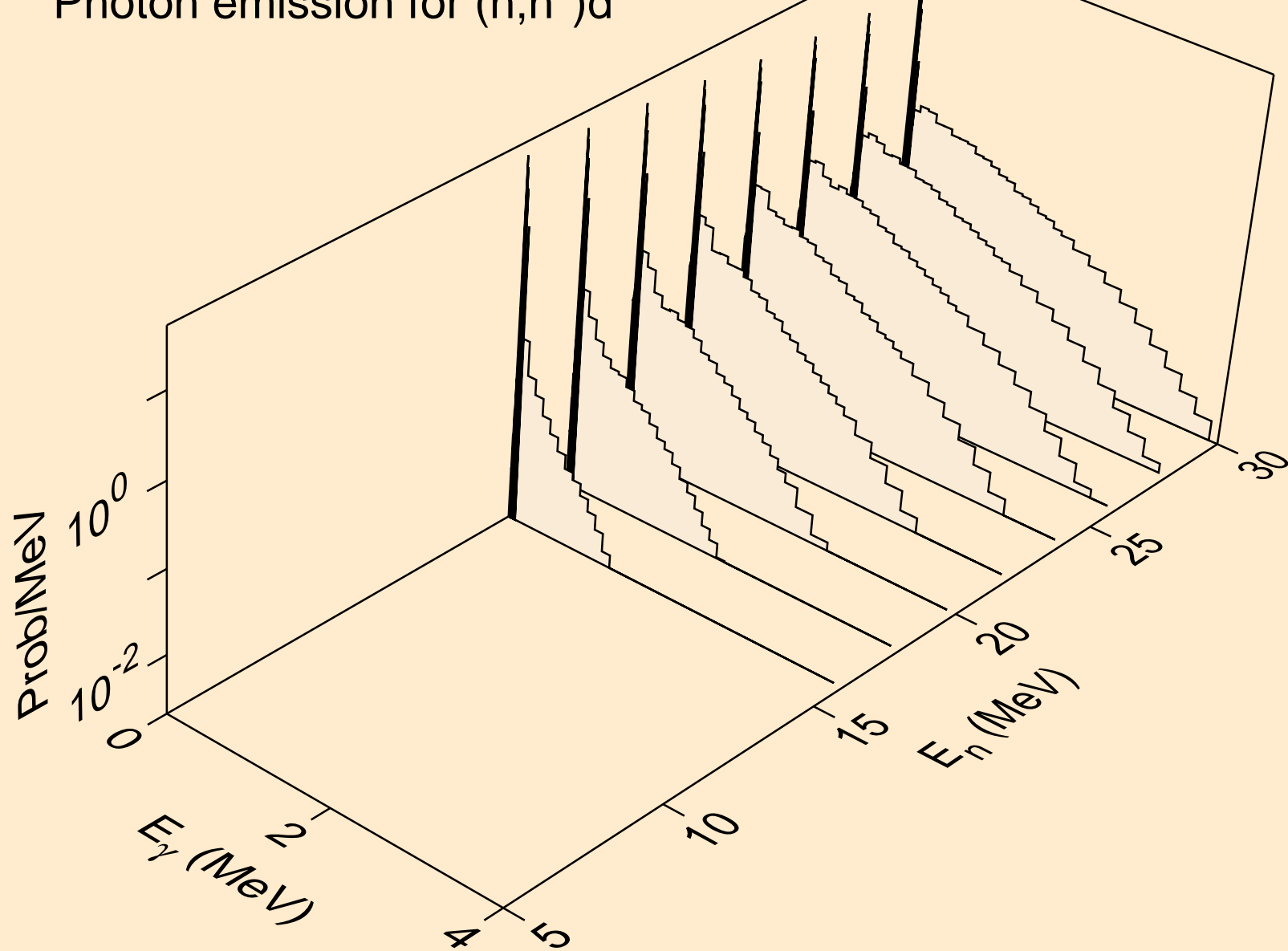
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

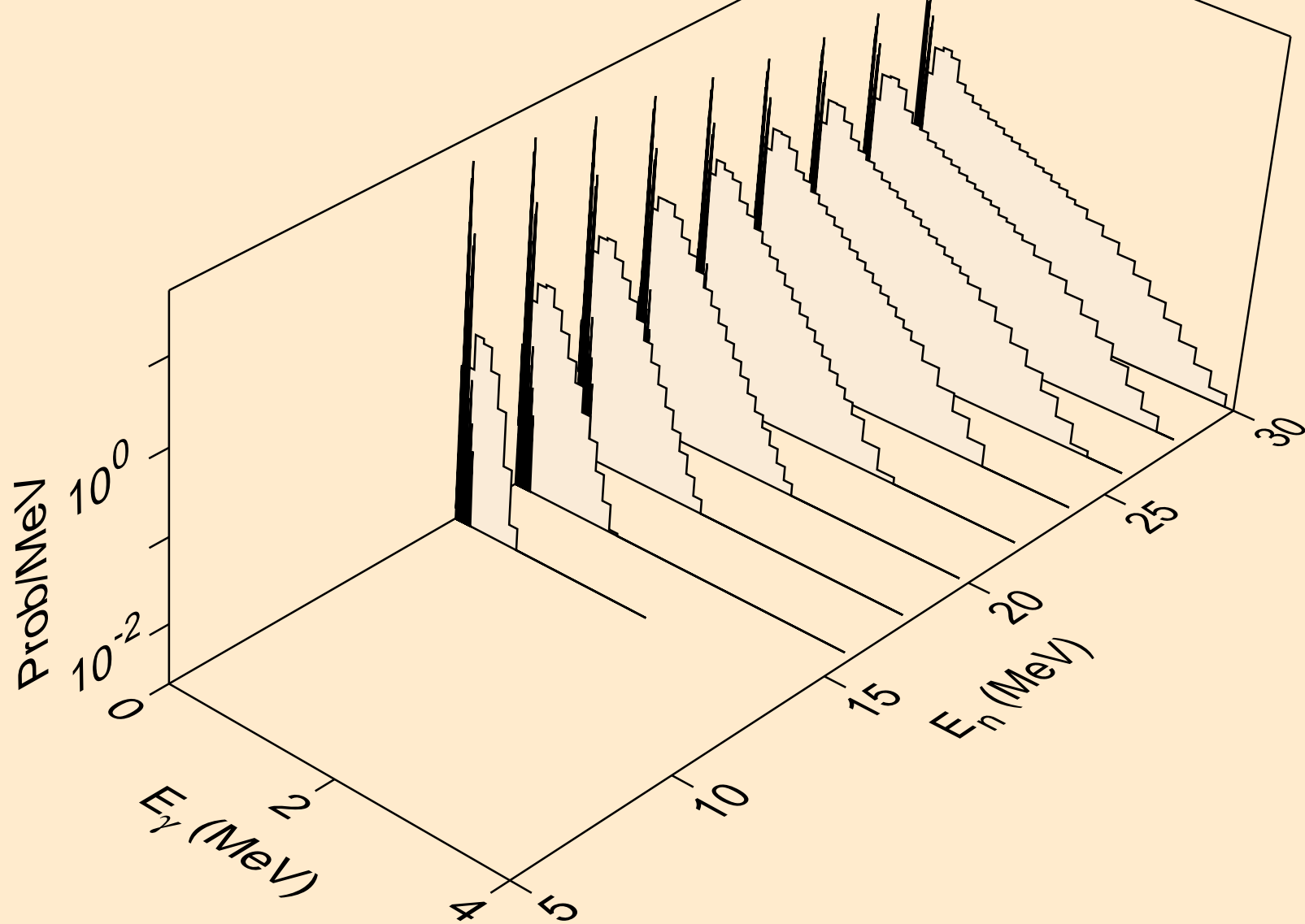


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

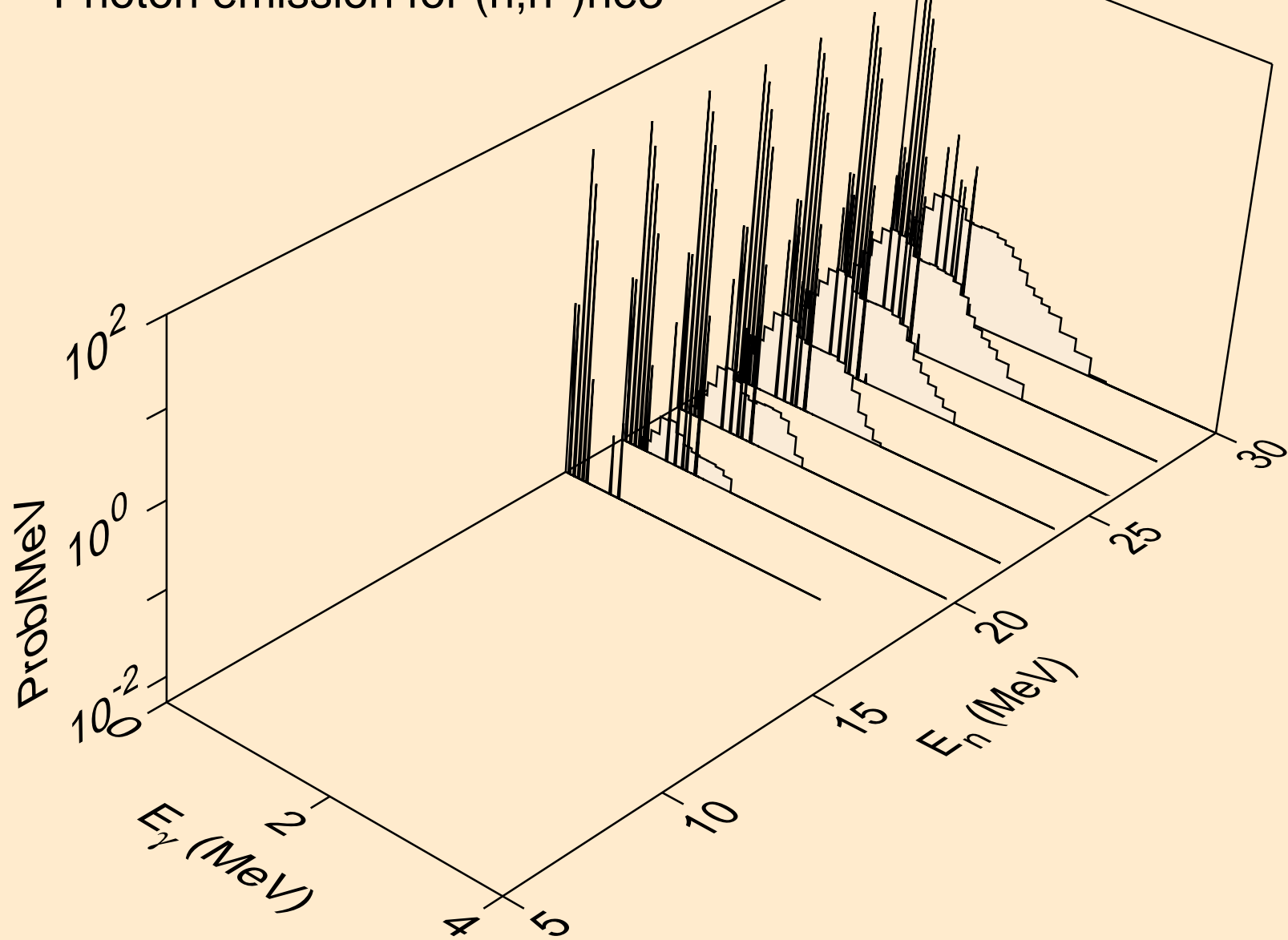




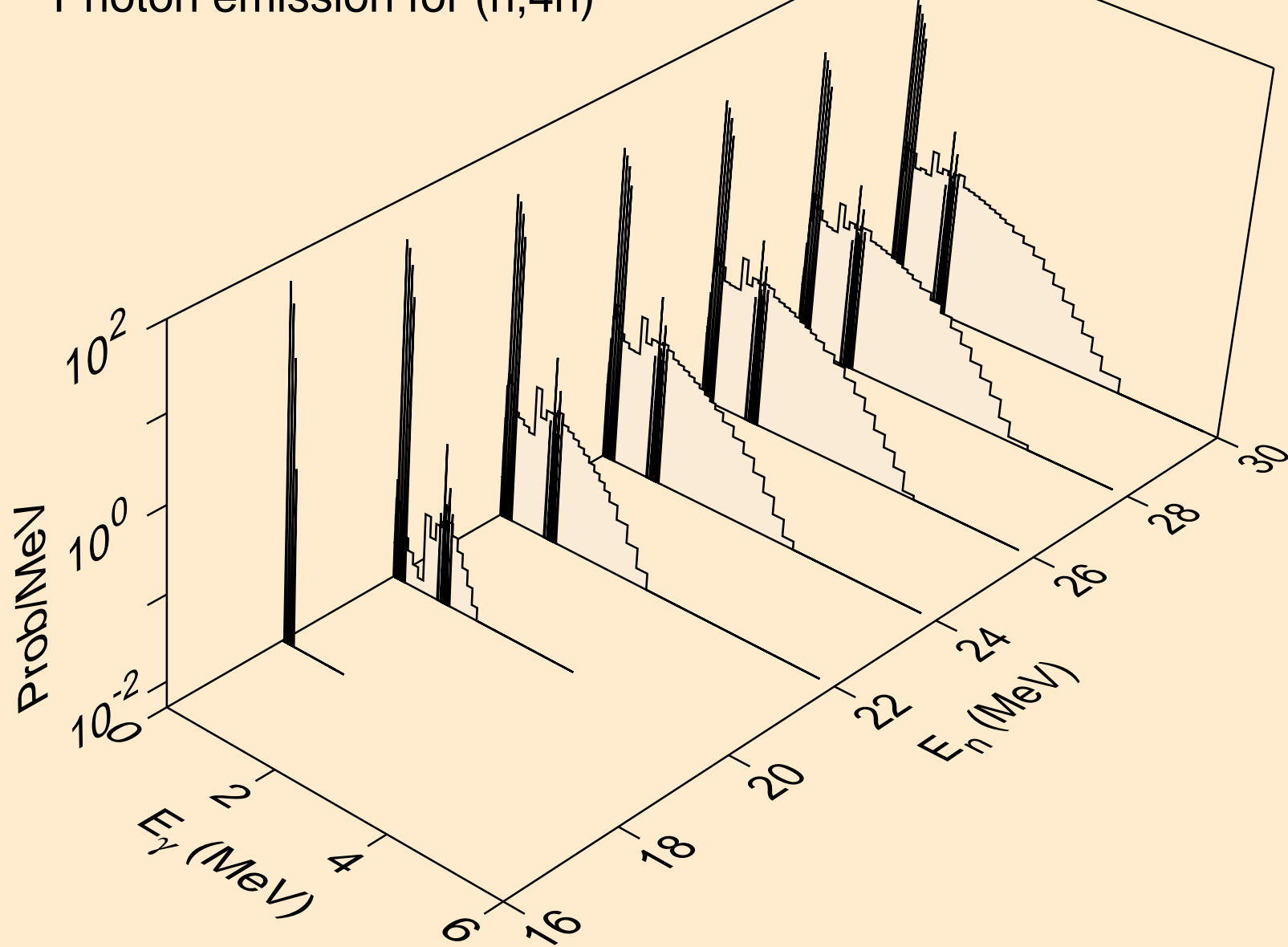
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



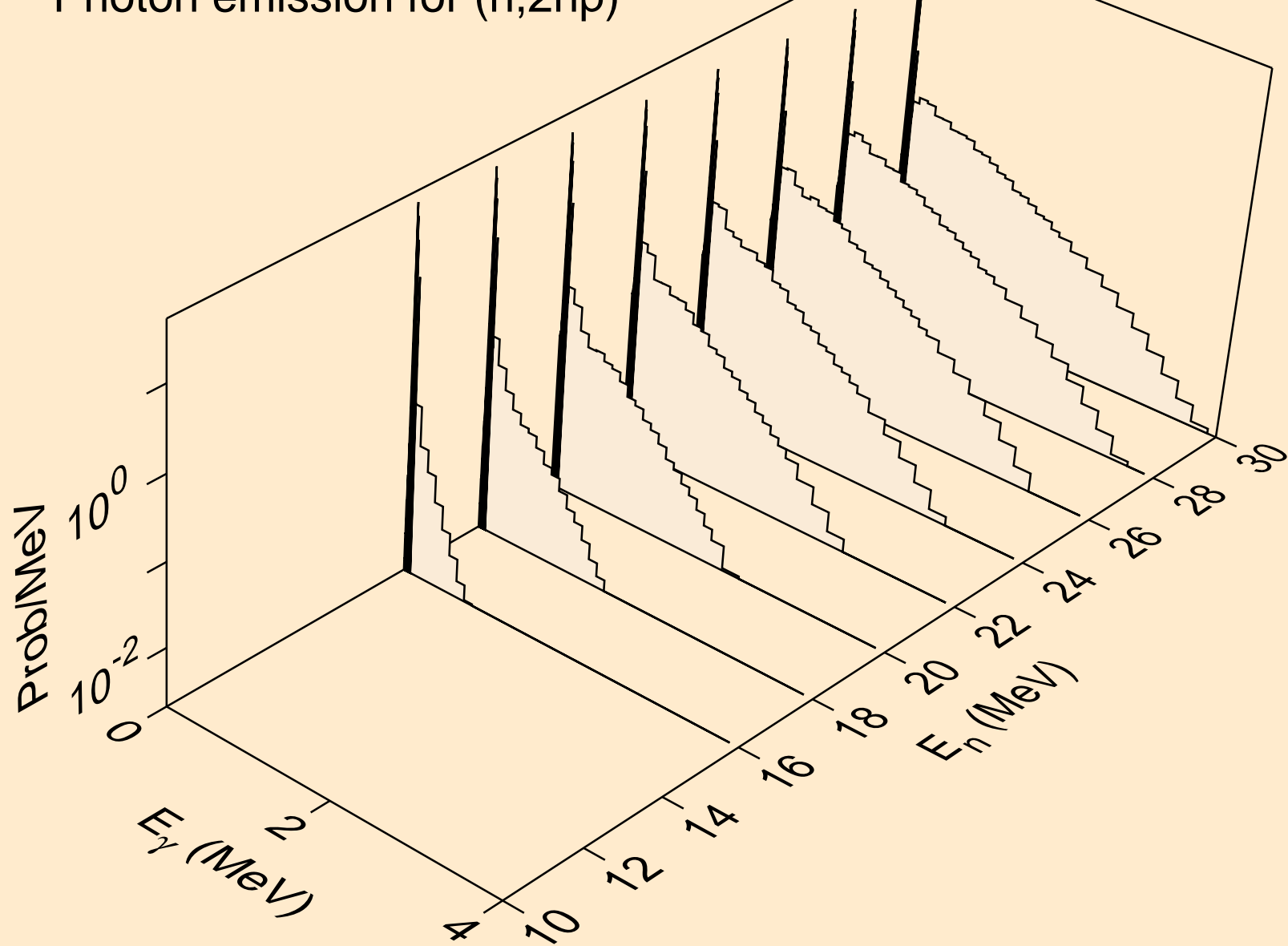
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



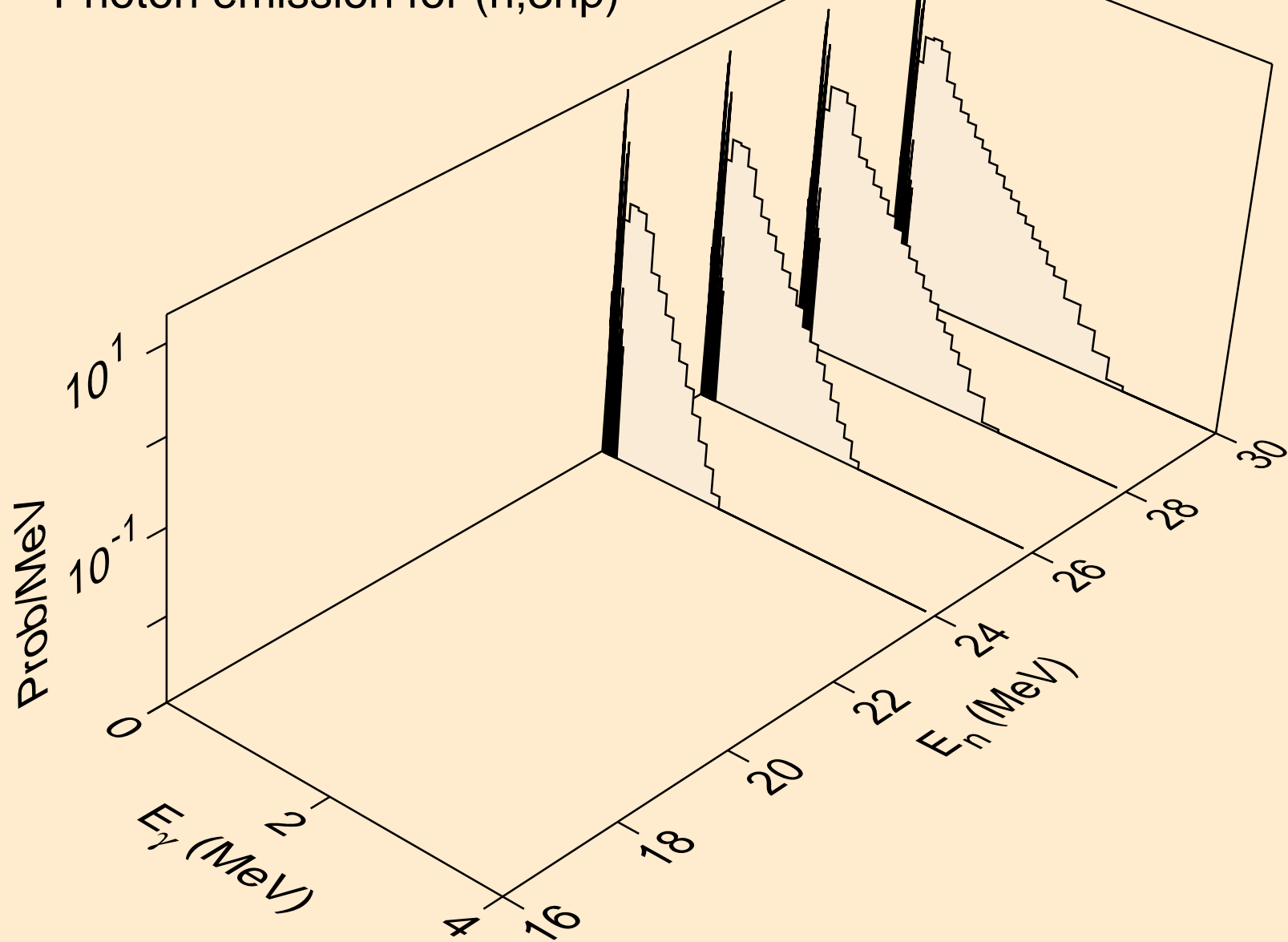
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



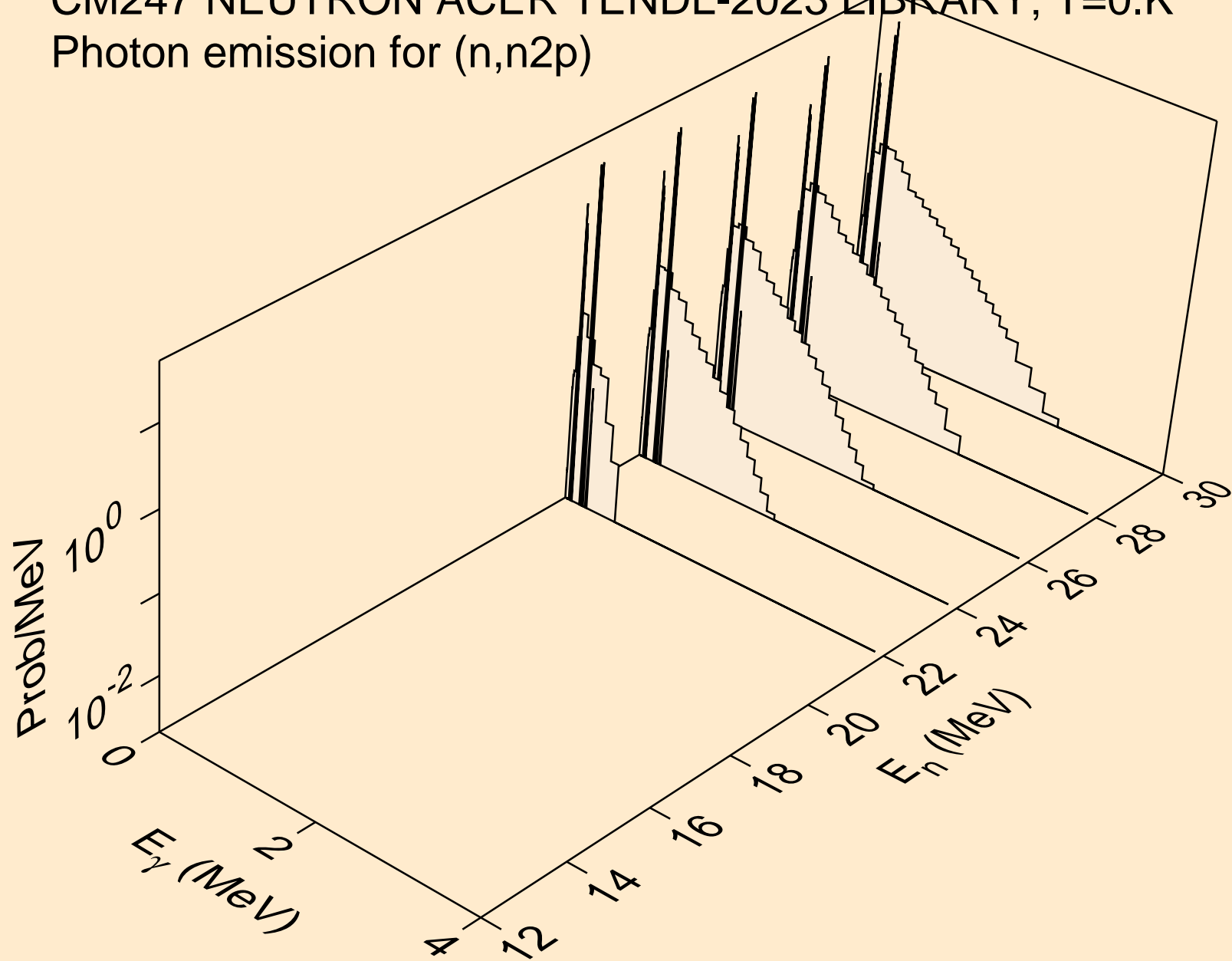
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



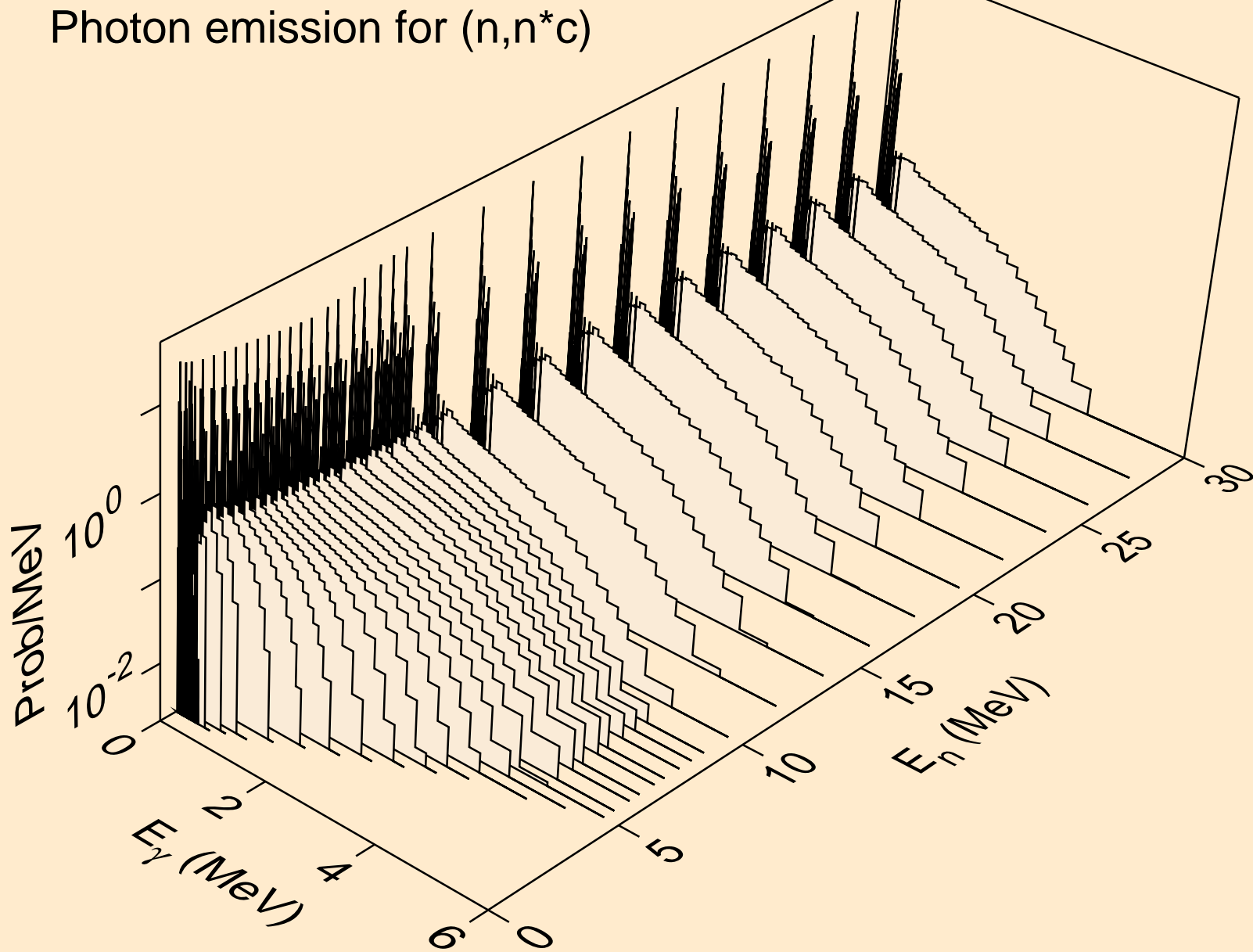
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



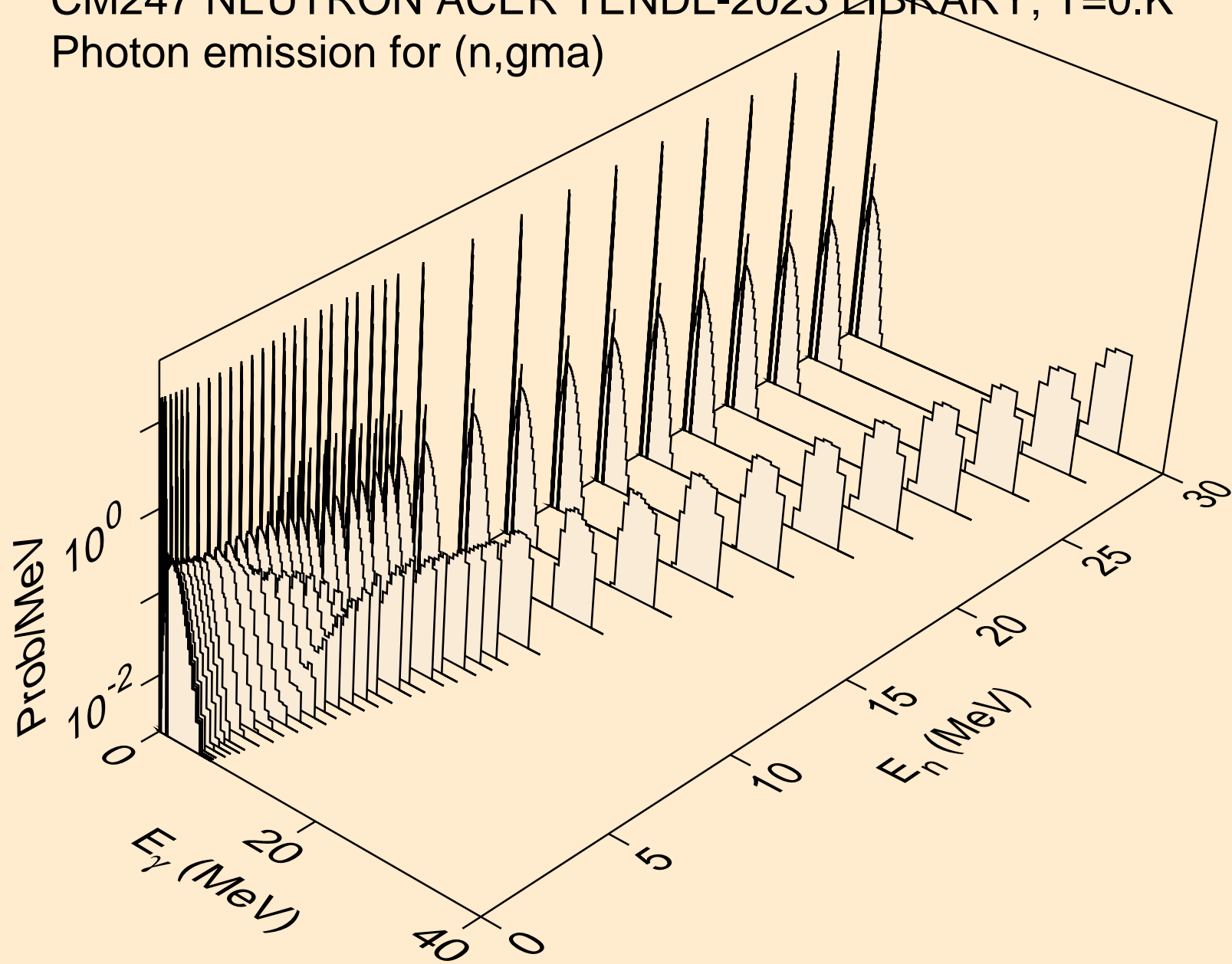
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

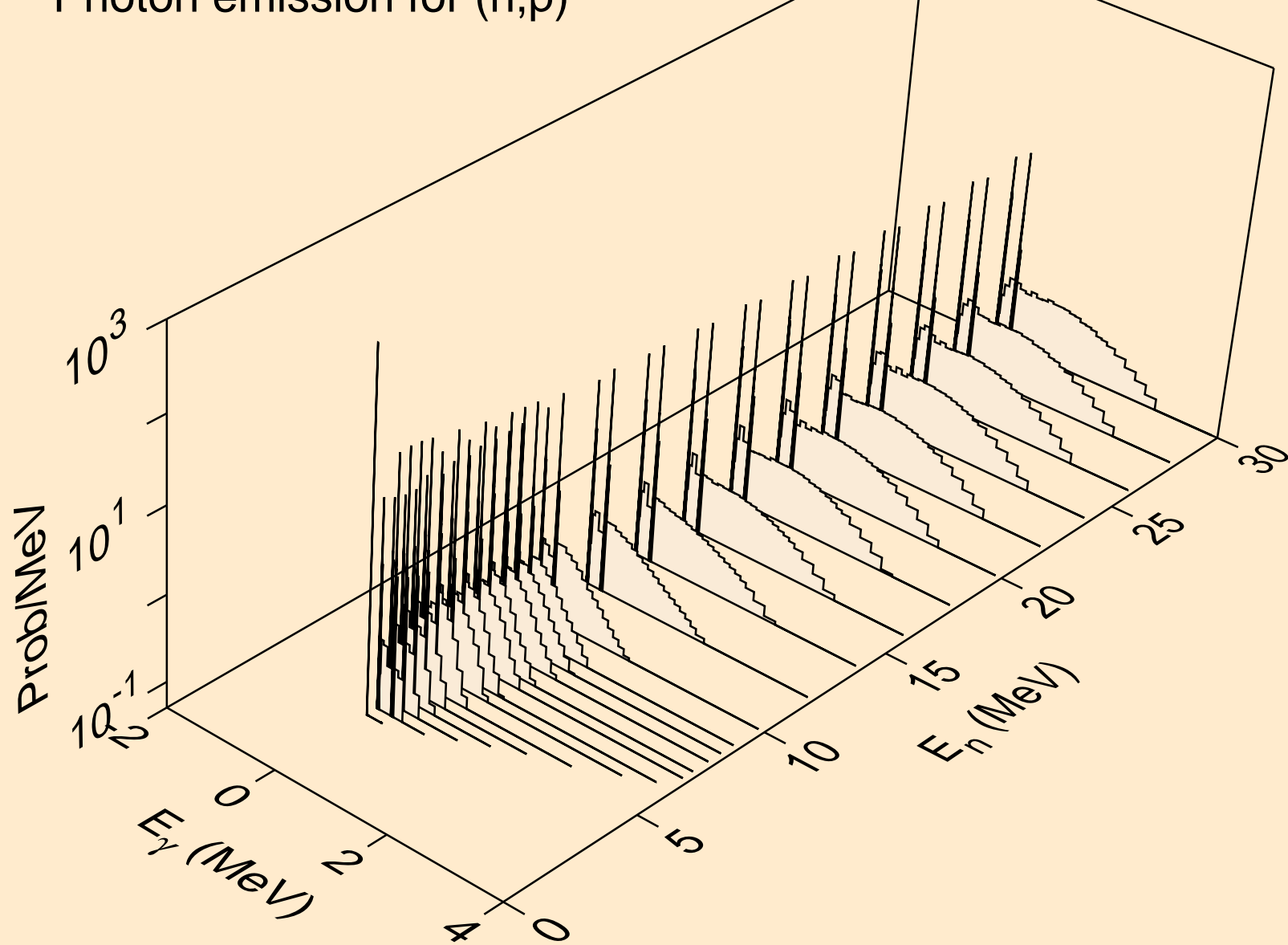


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

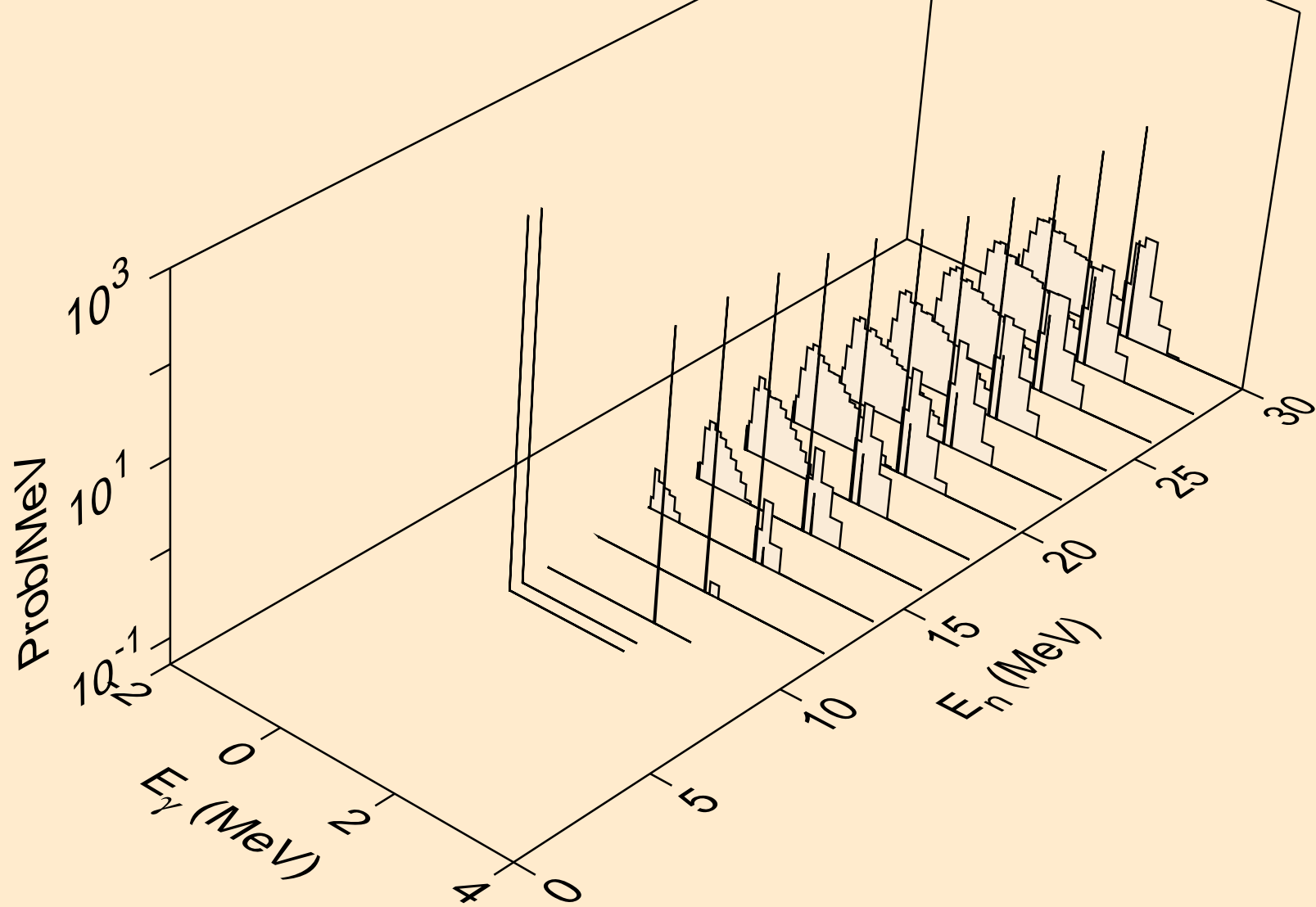




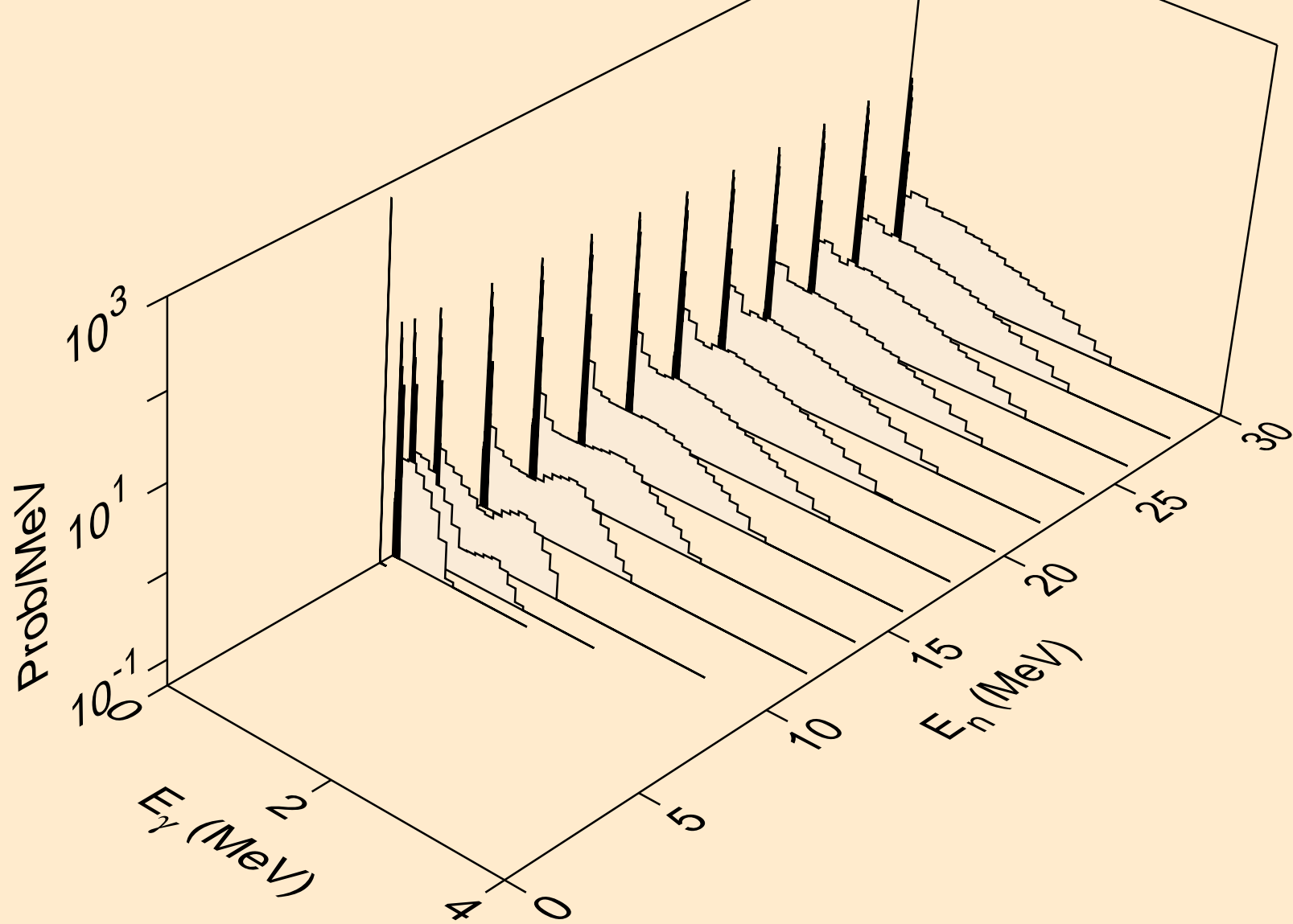
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



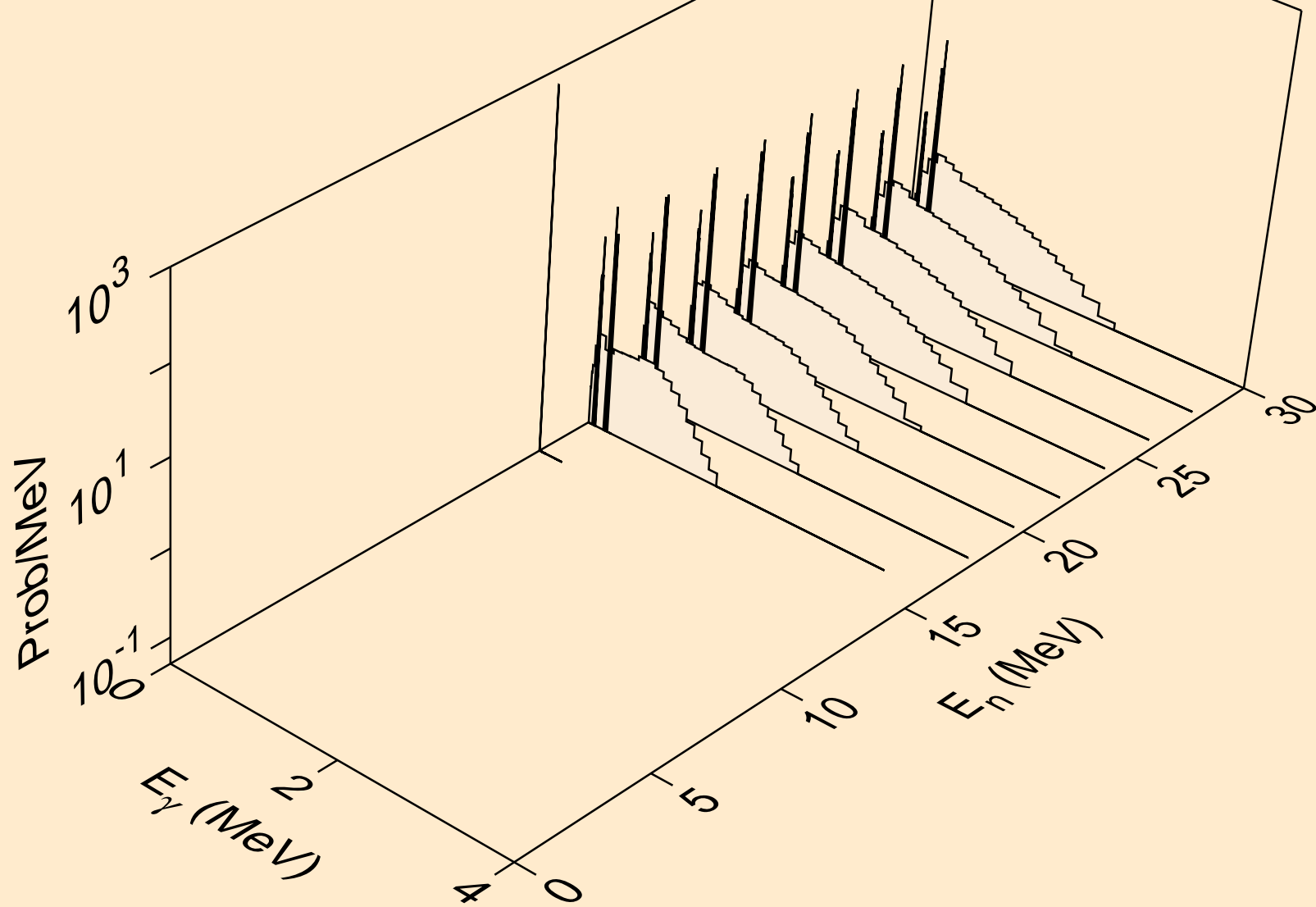
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



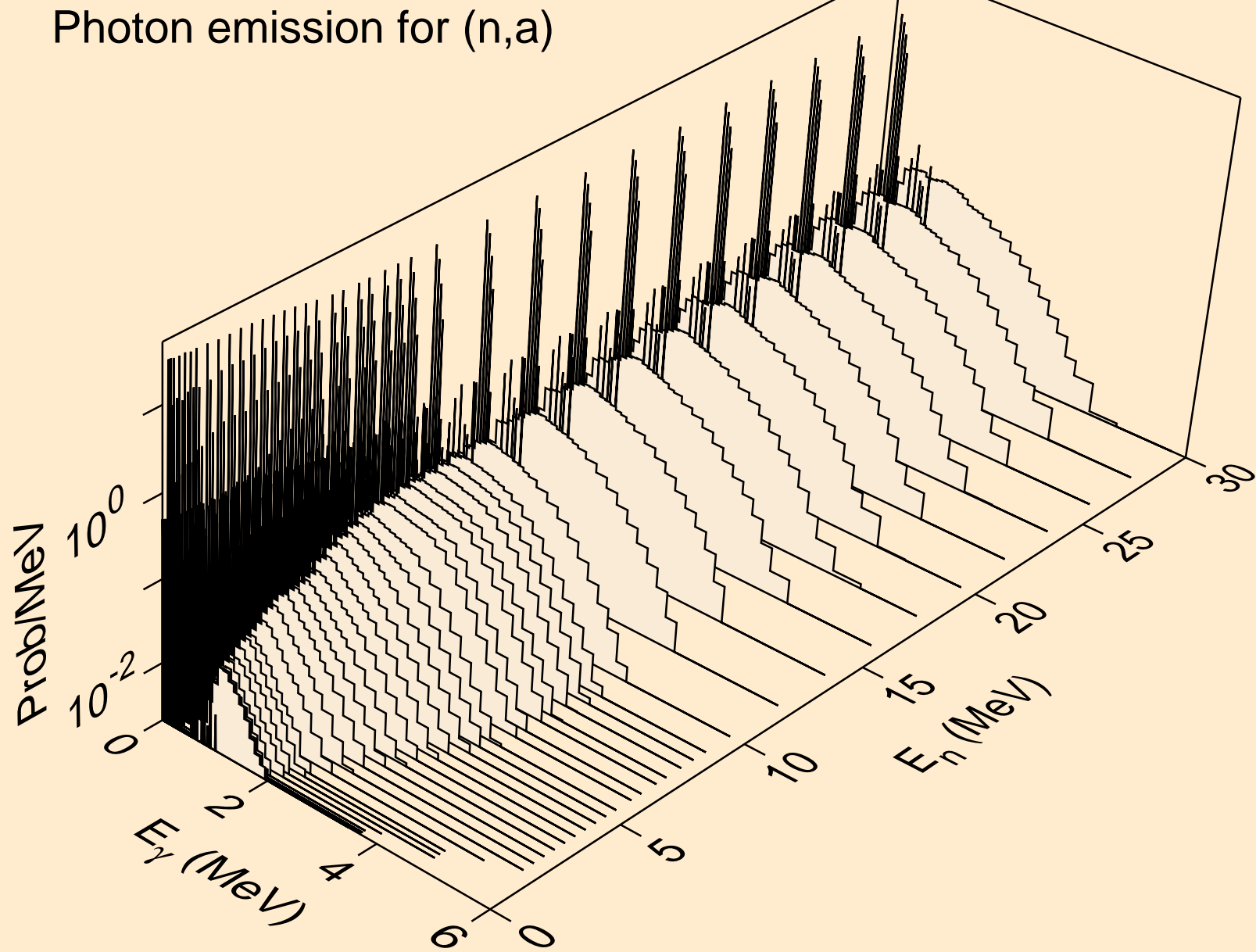
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



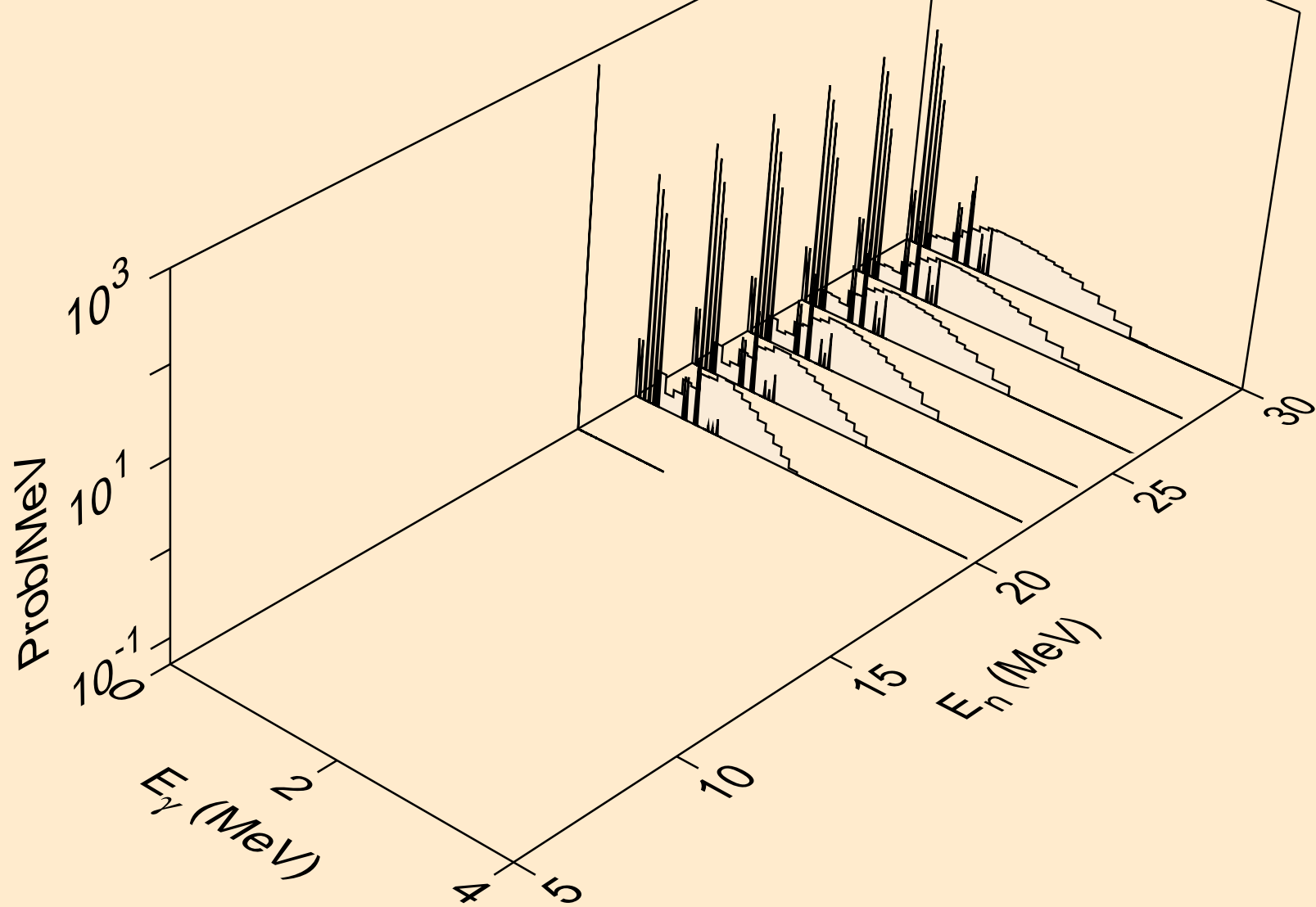
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



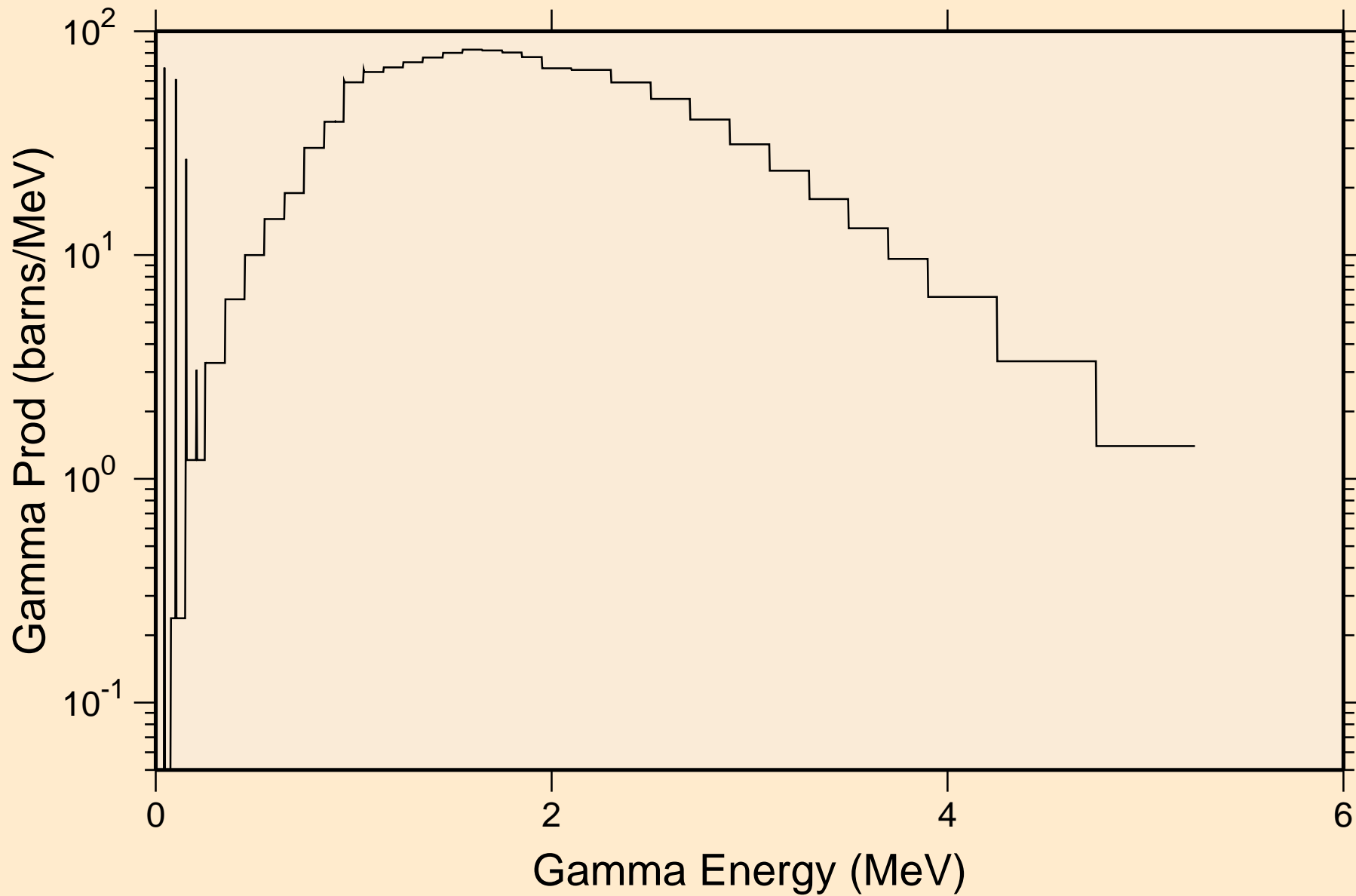
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



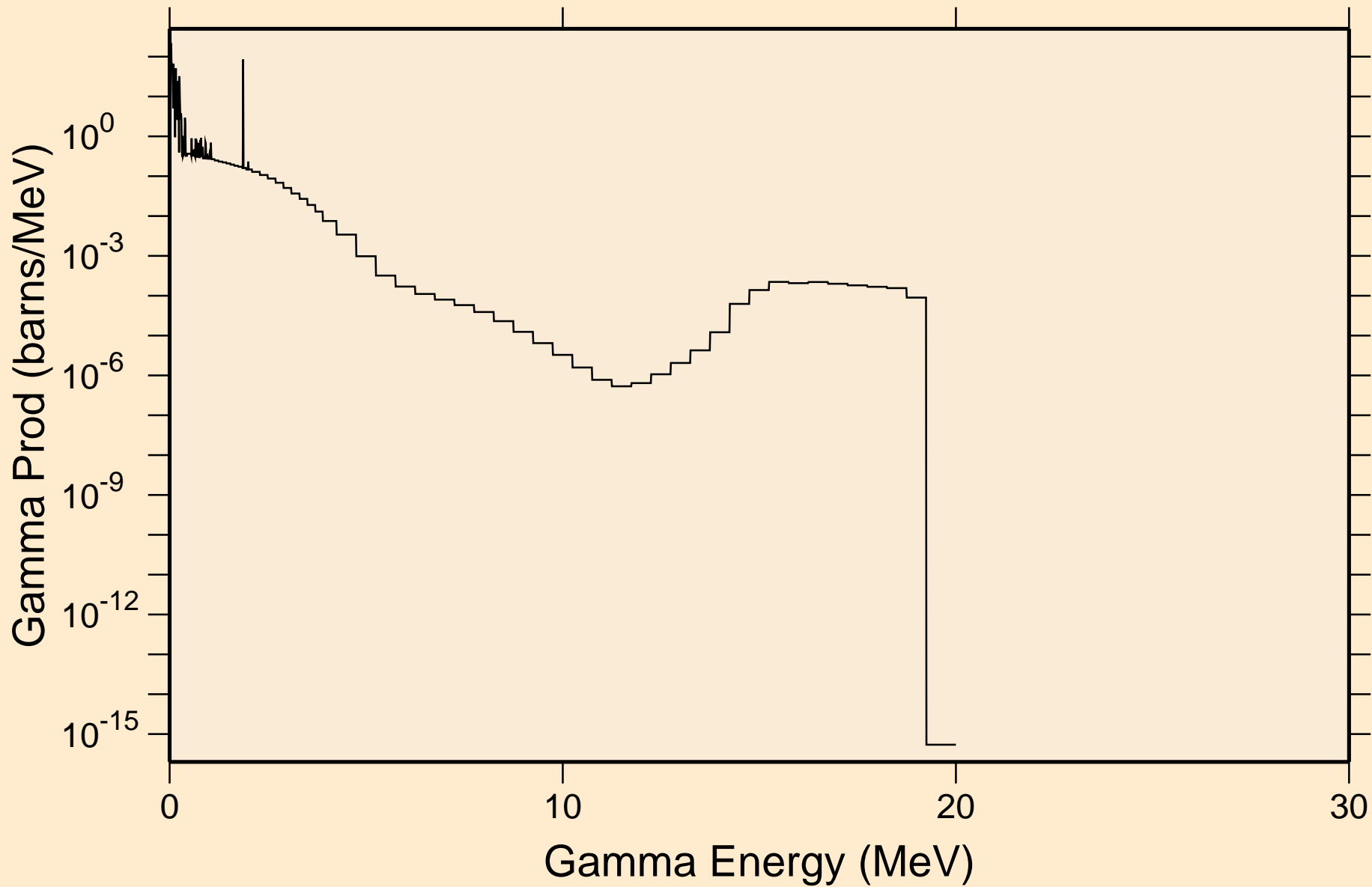
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

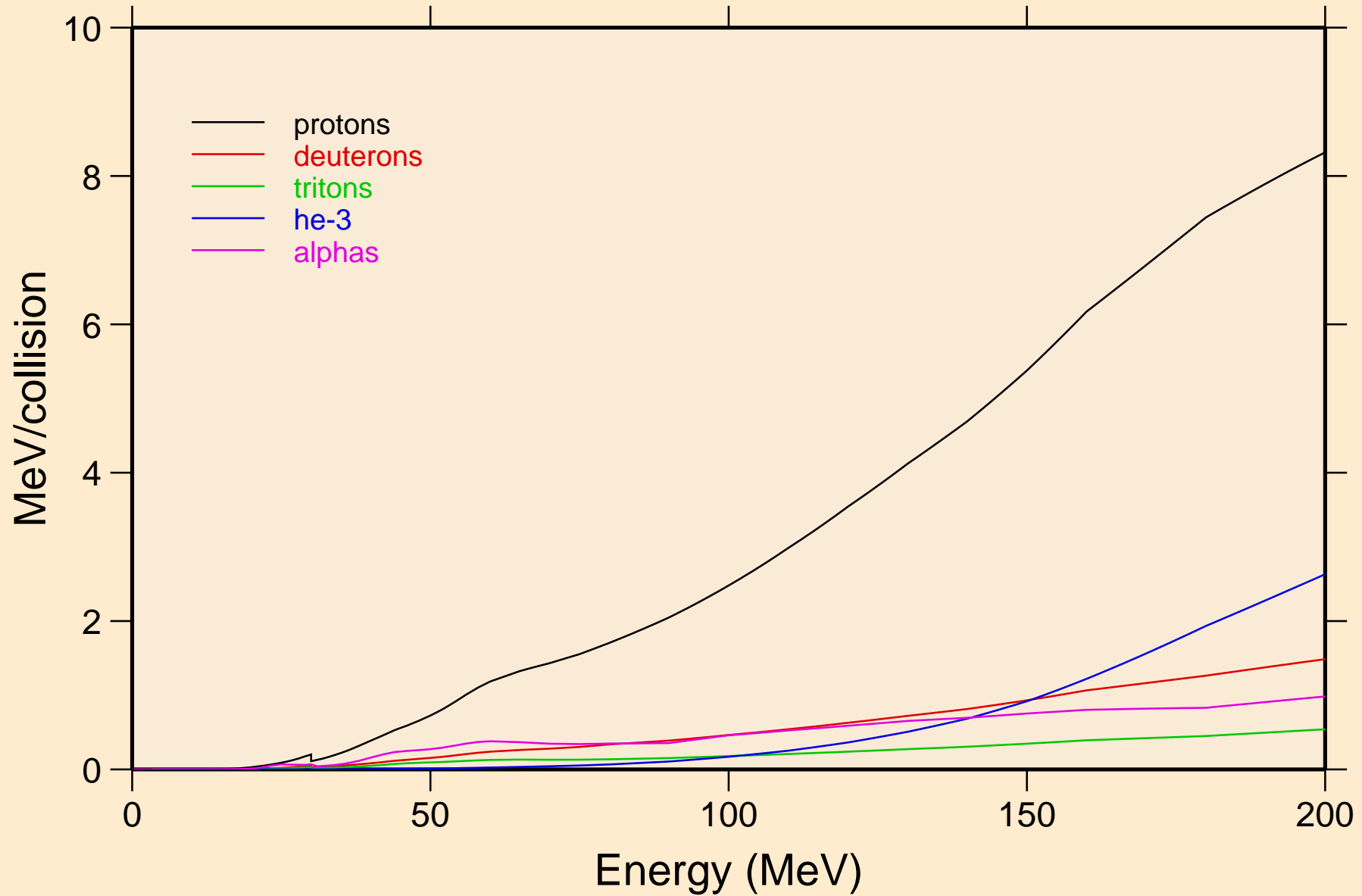


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



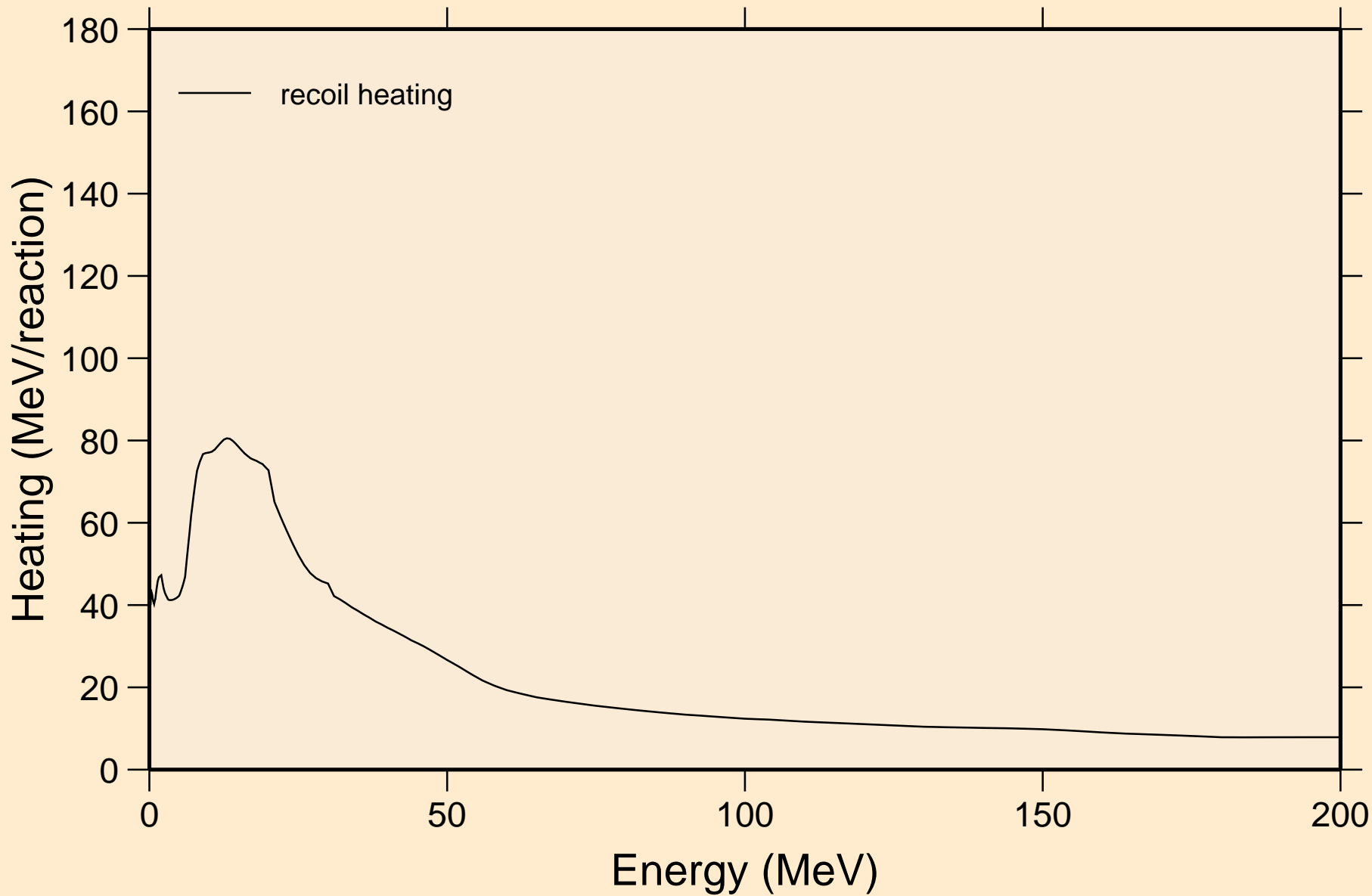


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



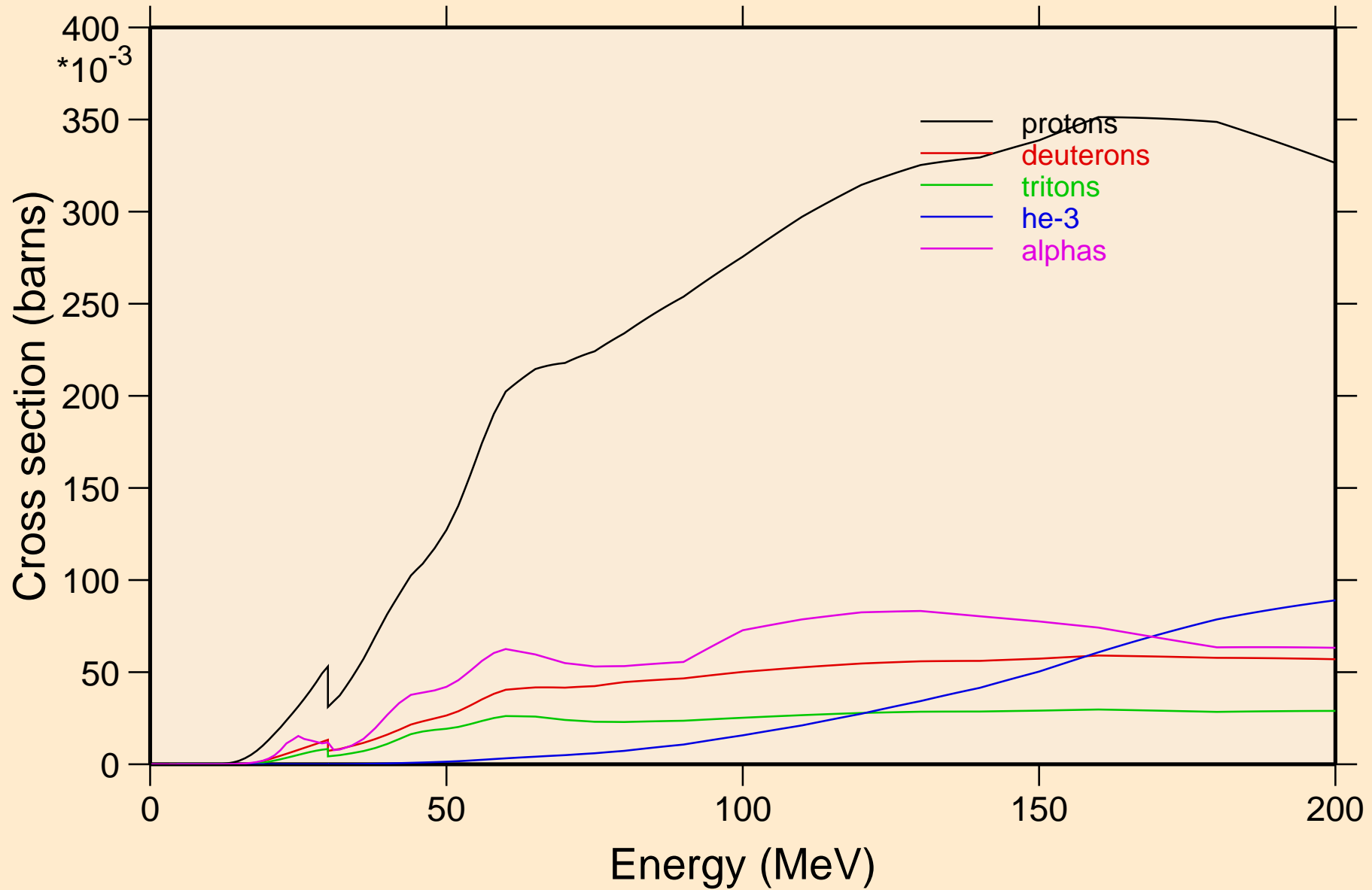
# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

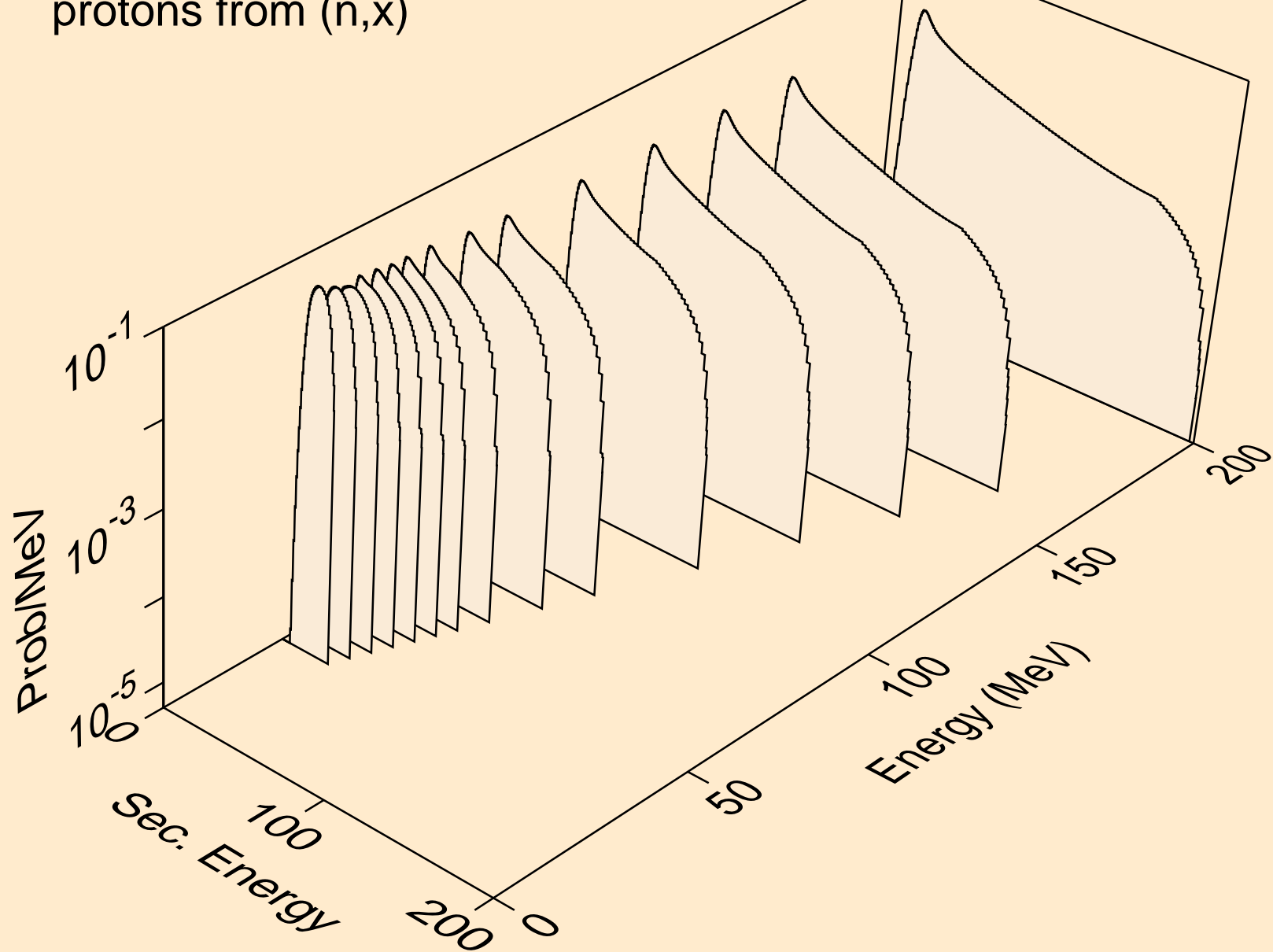


# CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

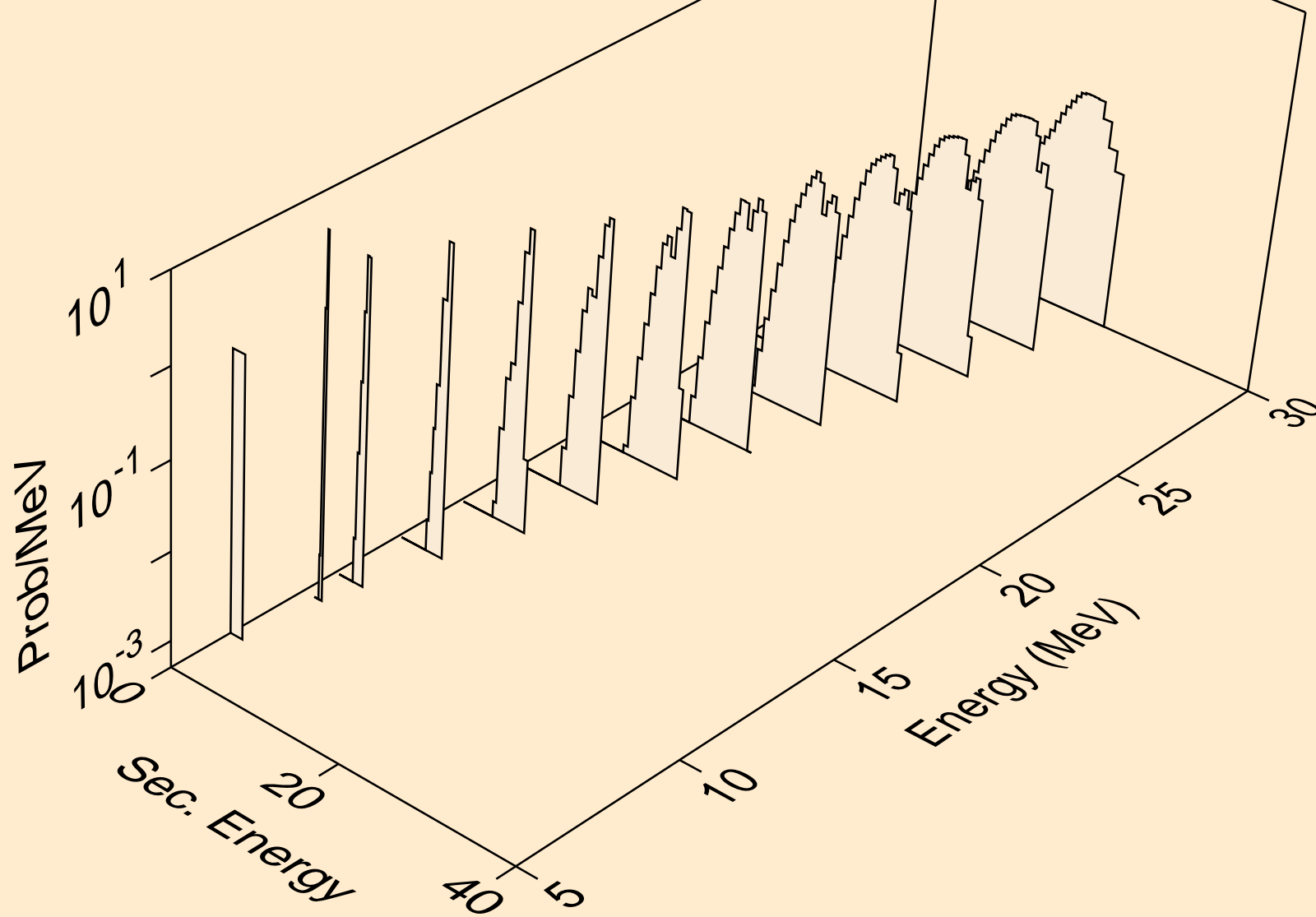
## Particle production cross sections



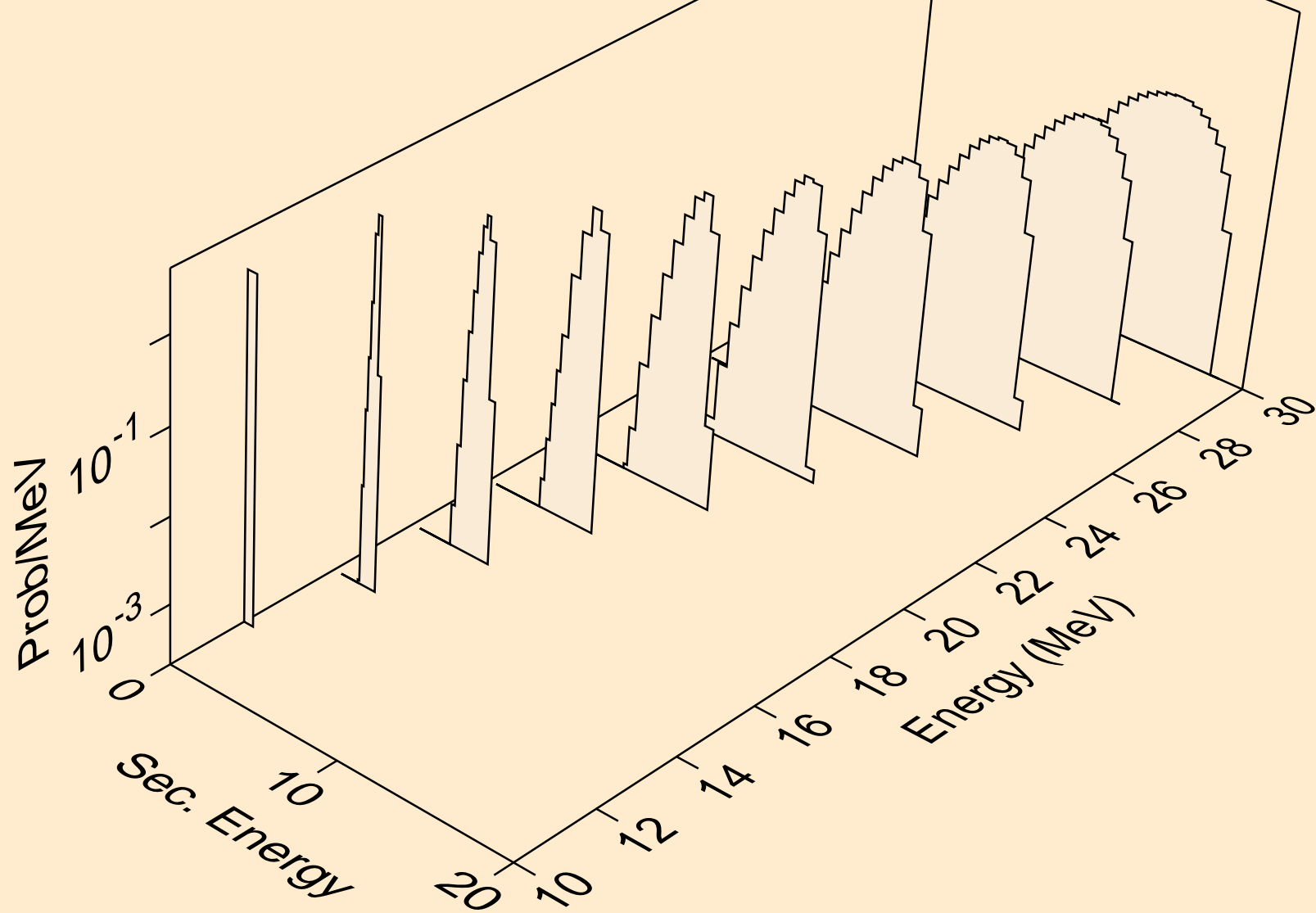
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



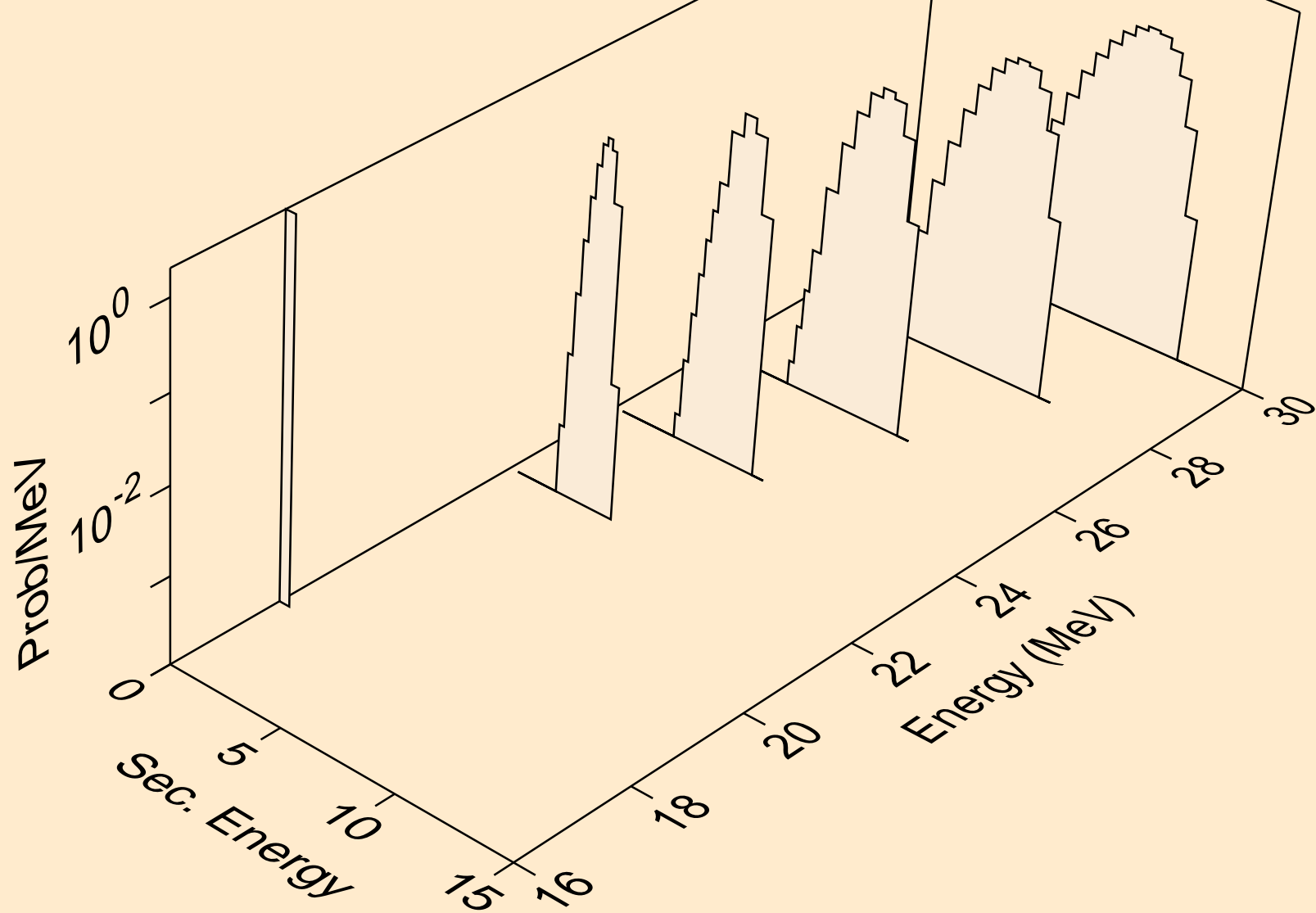
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



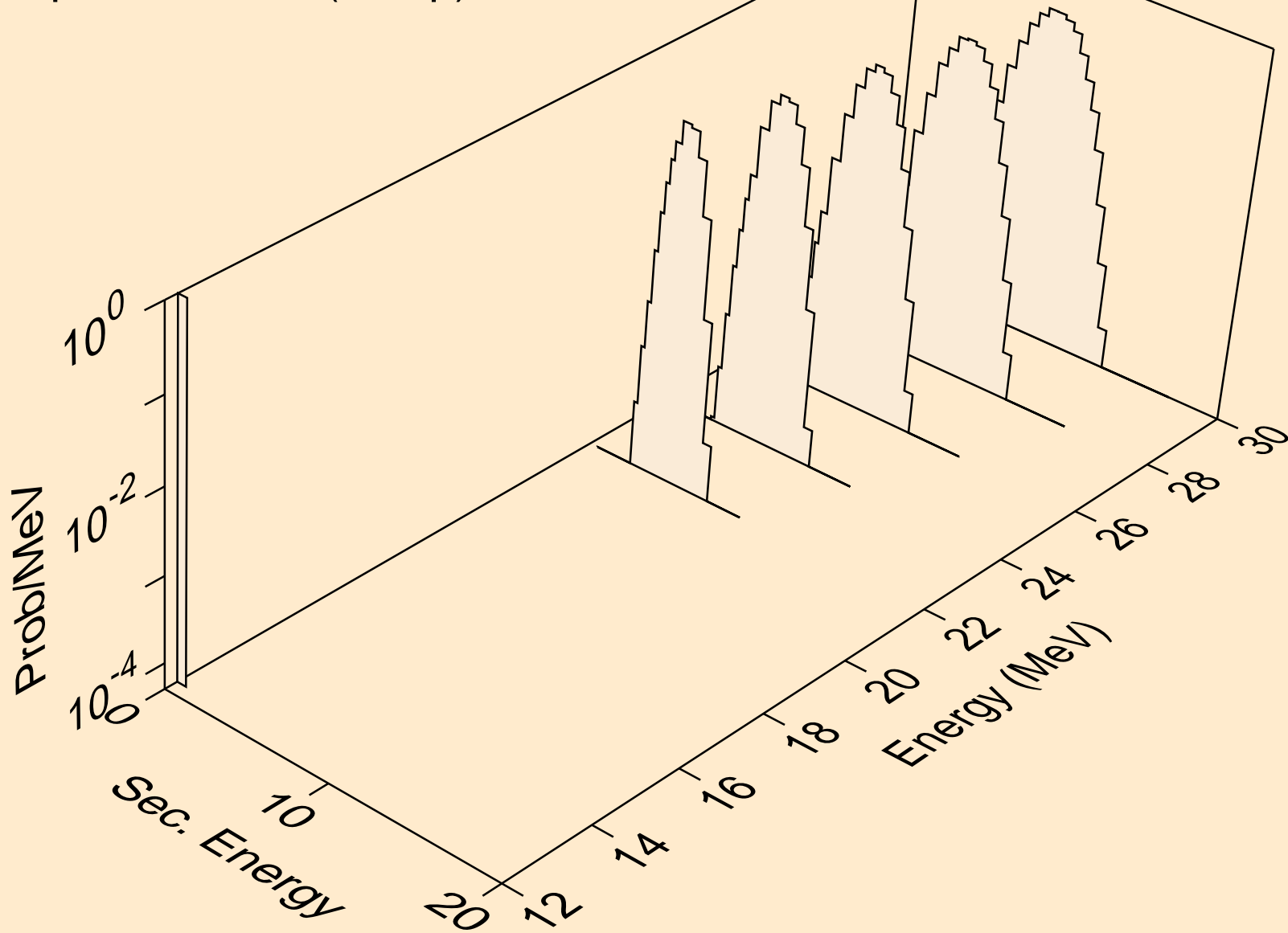
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

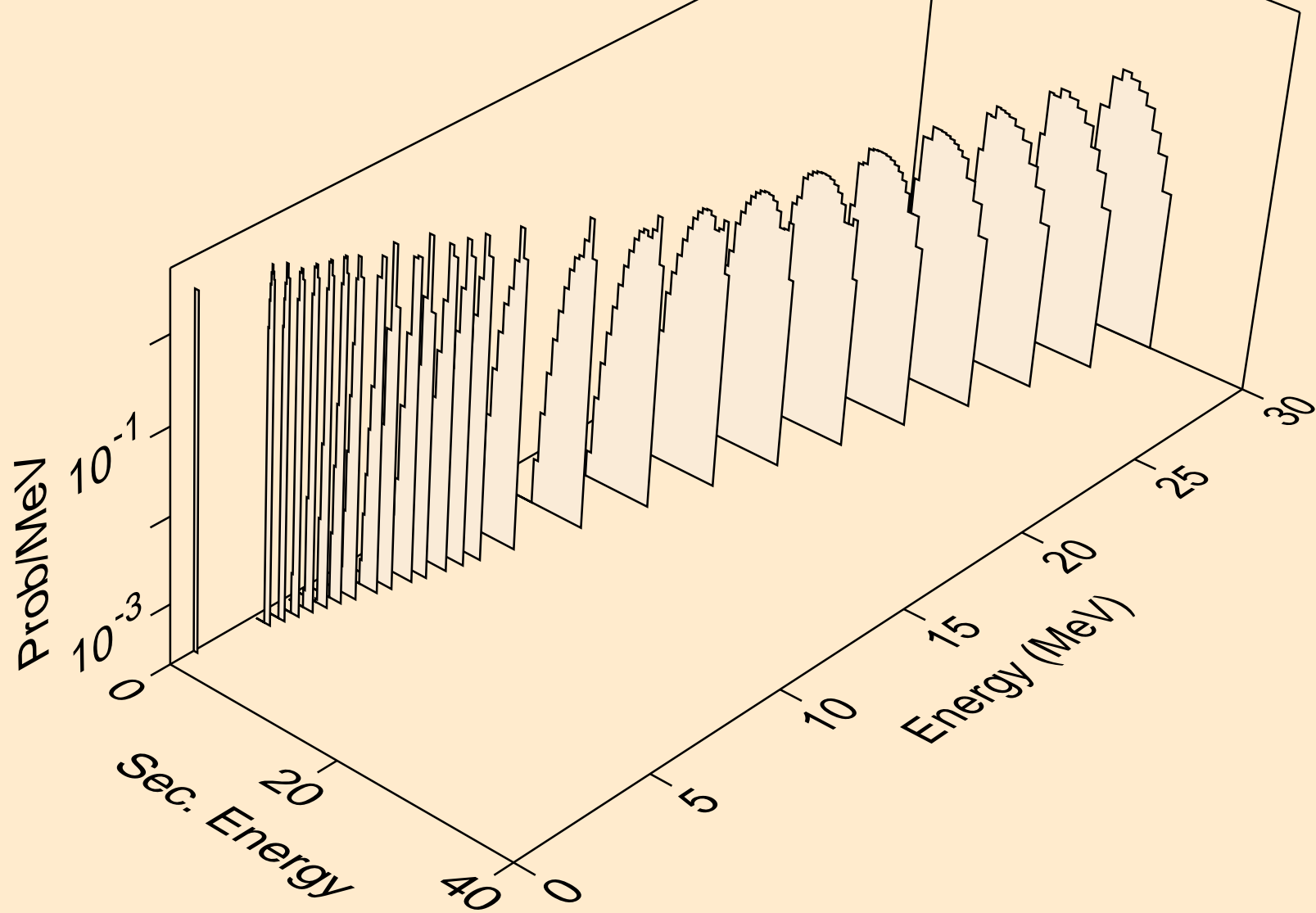


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

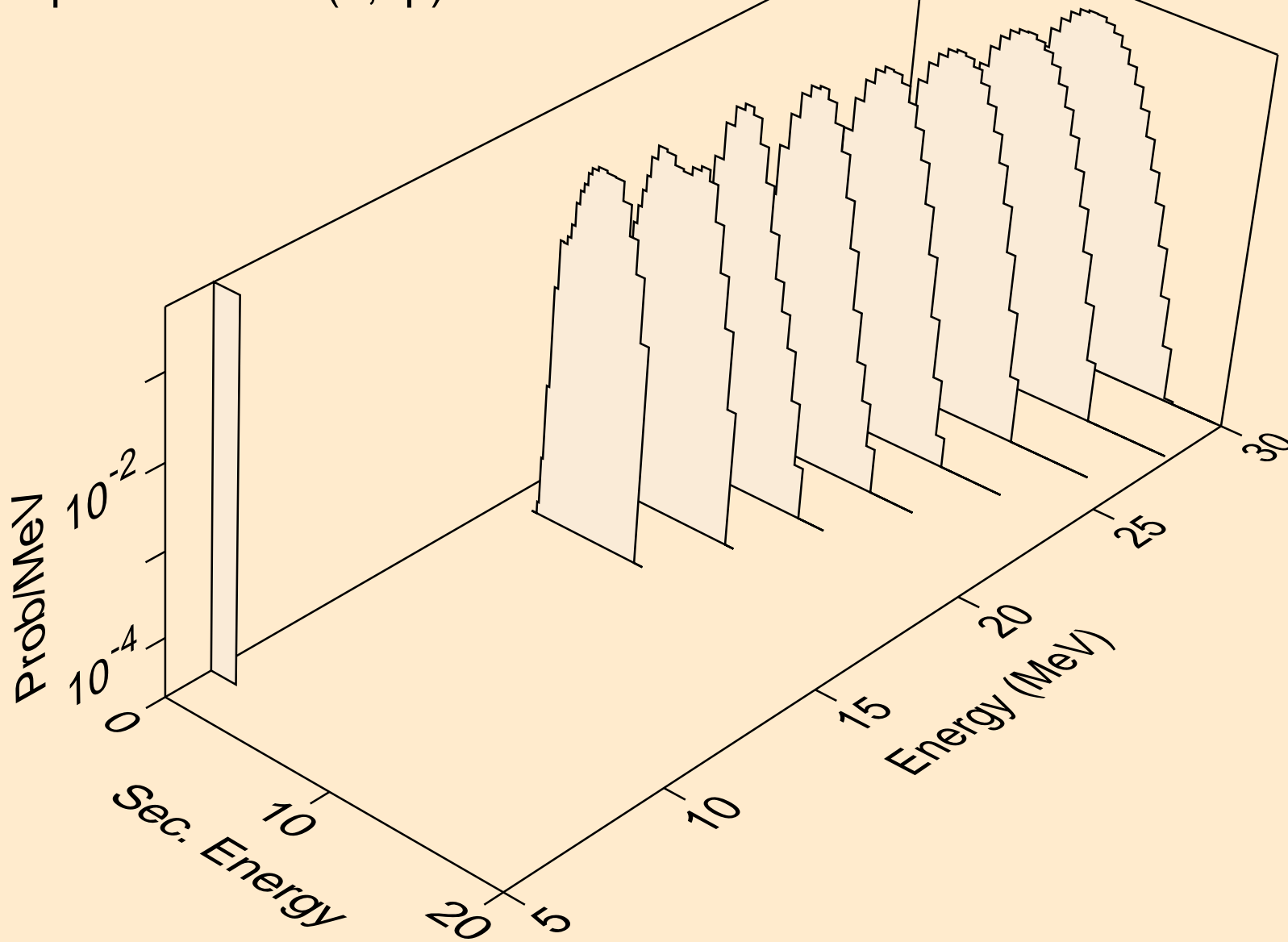




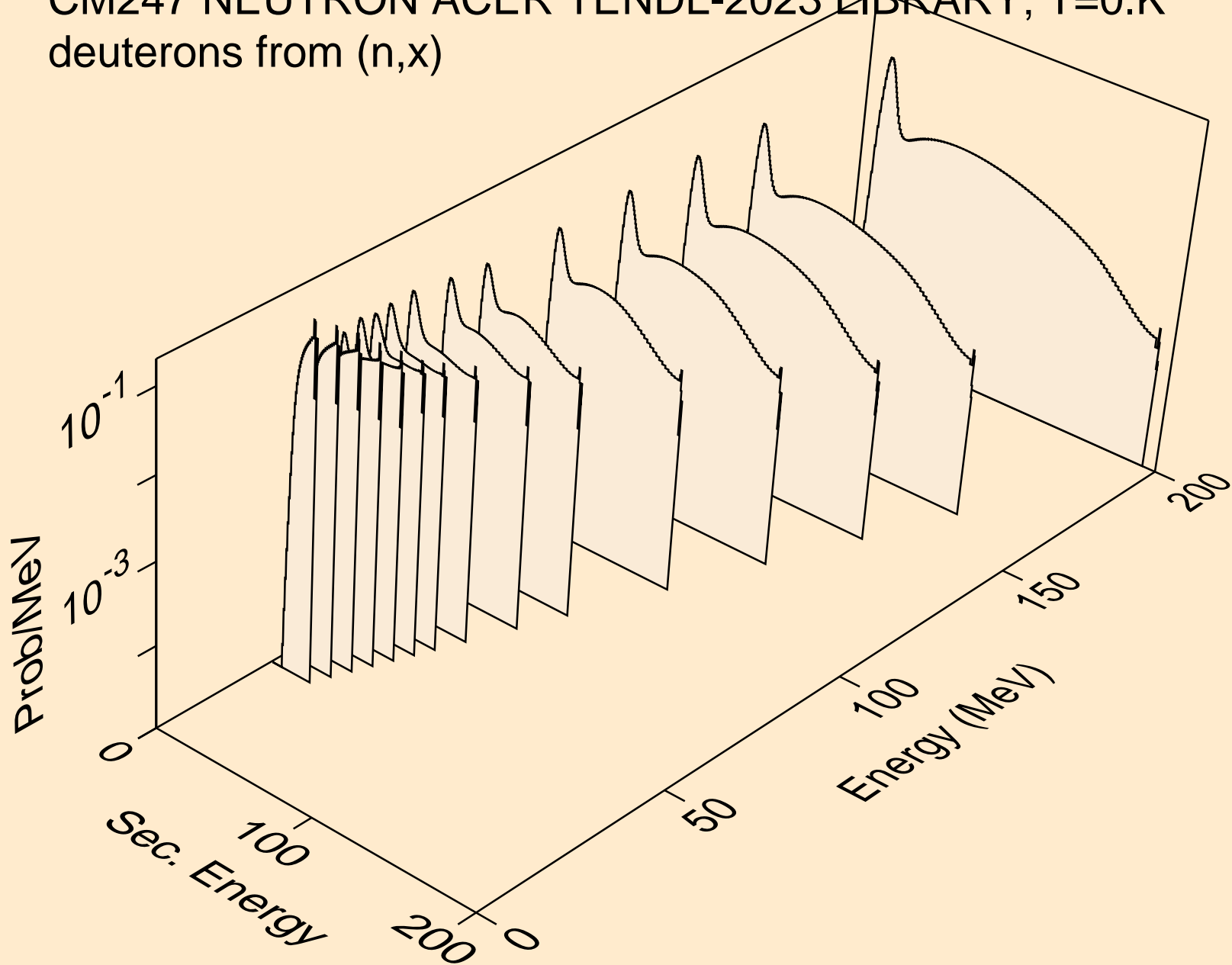
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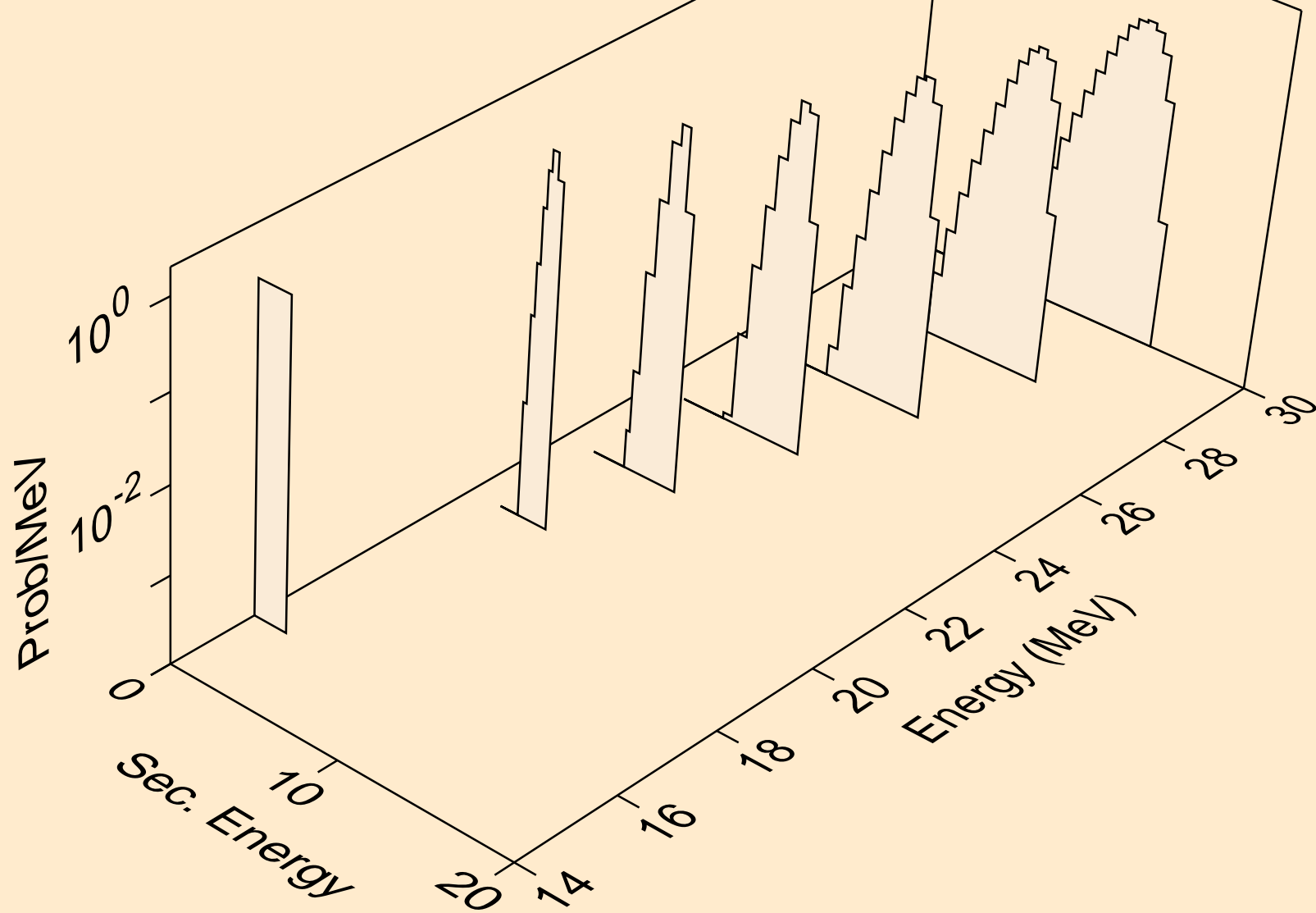
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protons from (n,2p)



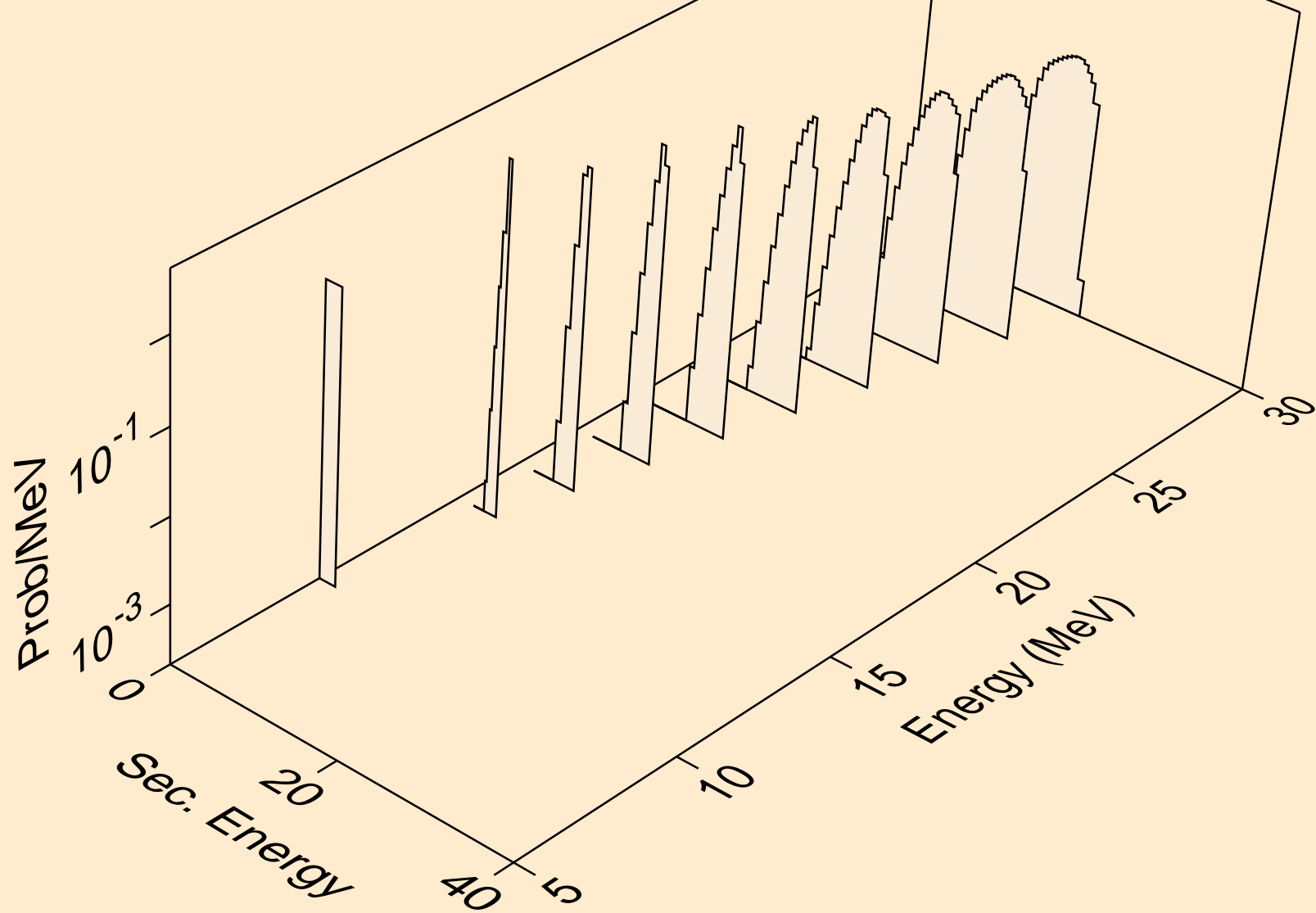
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deuterons from (n,x)



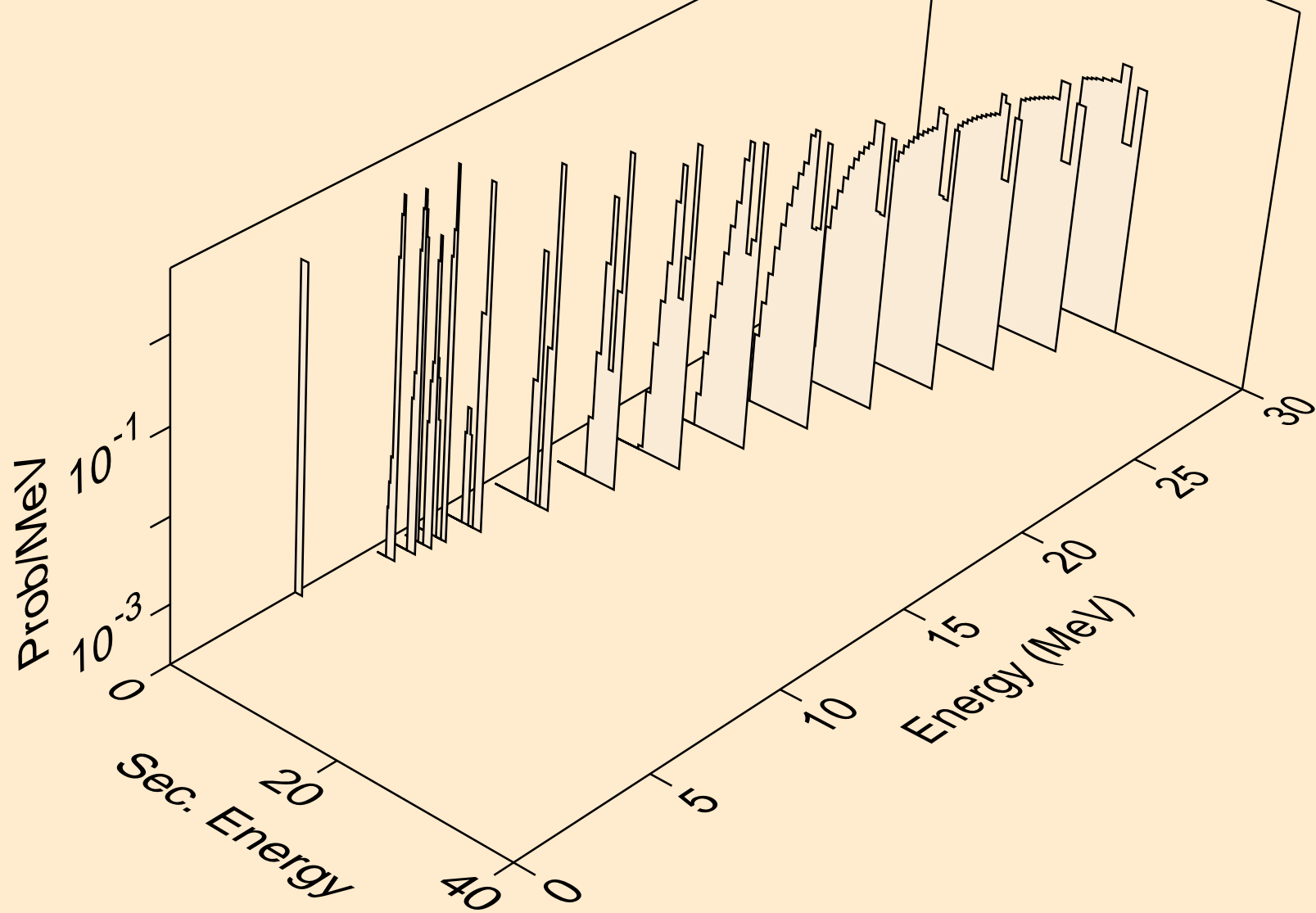
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deuterons from (n,2nd)



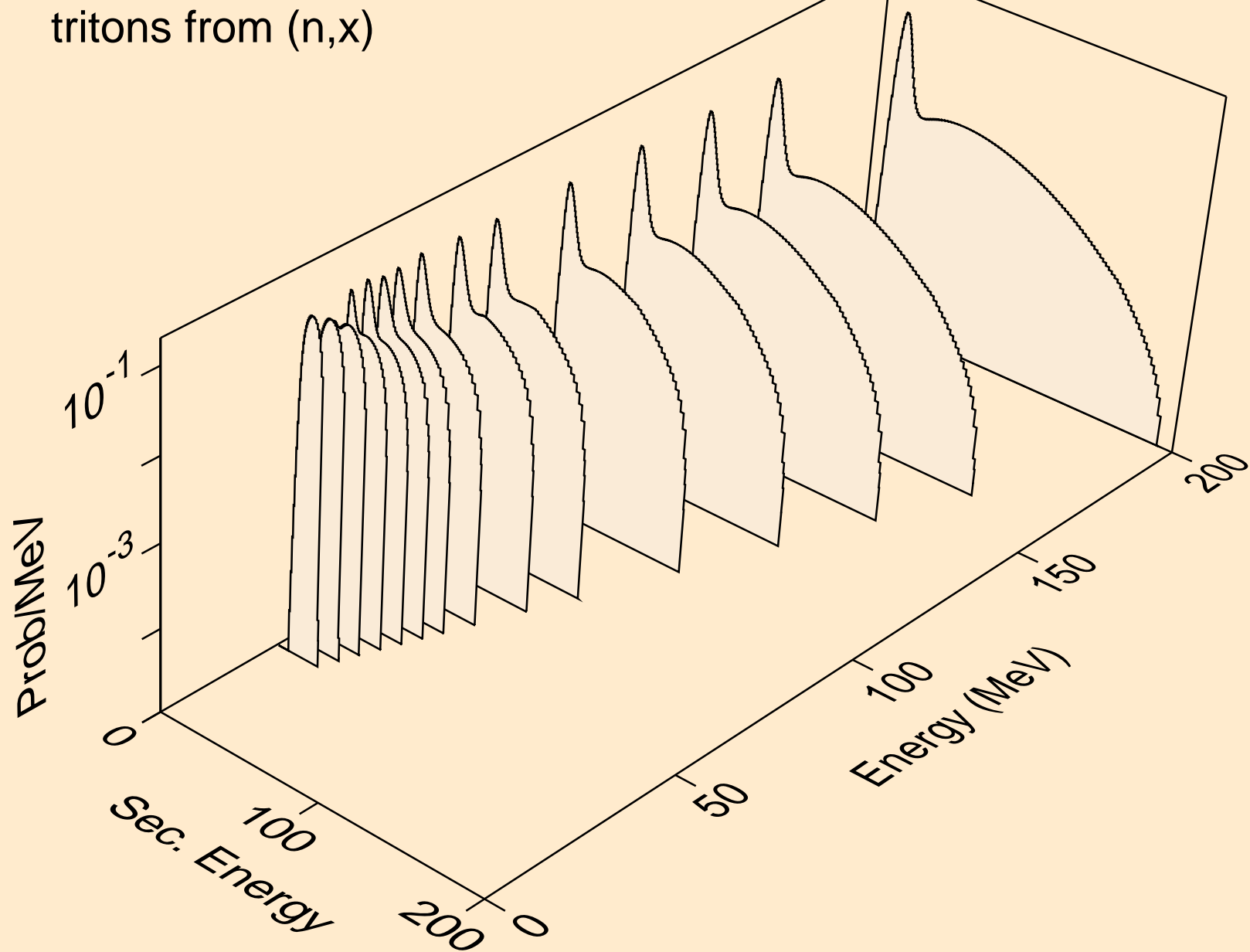
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



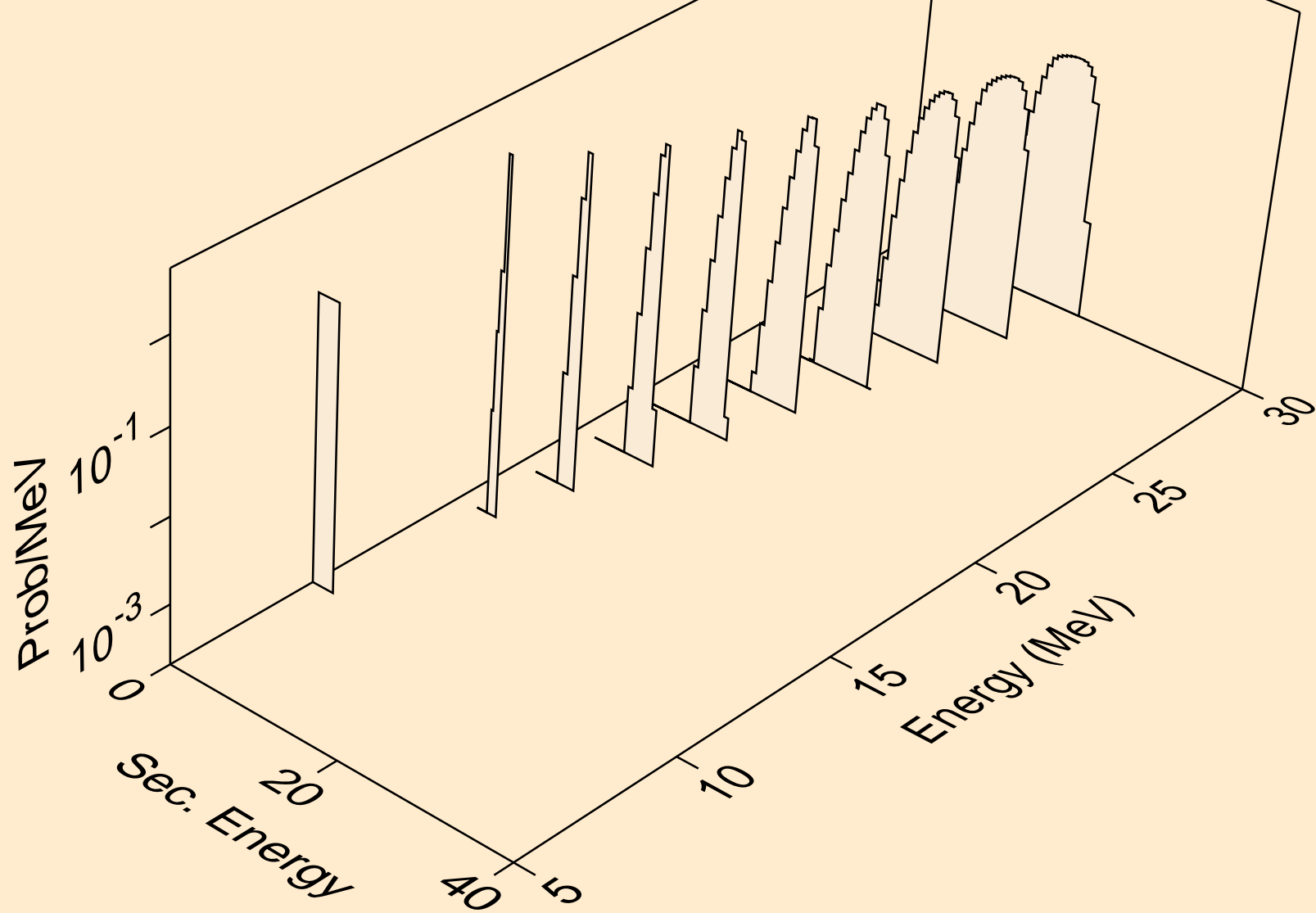
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

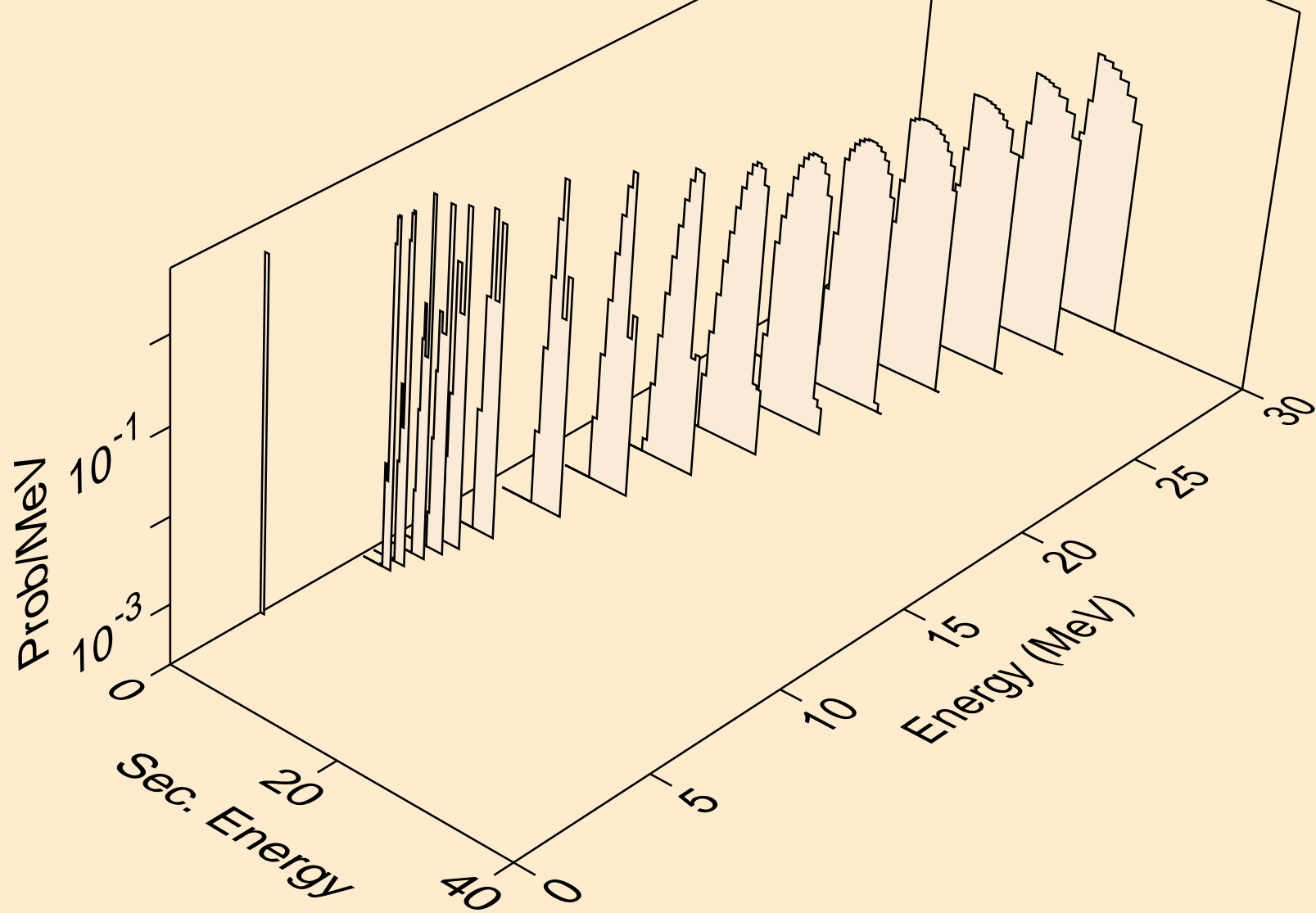


CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

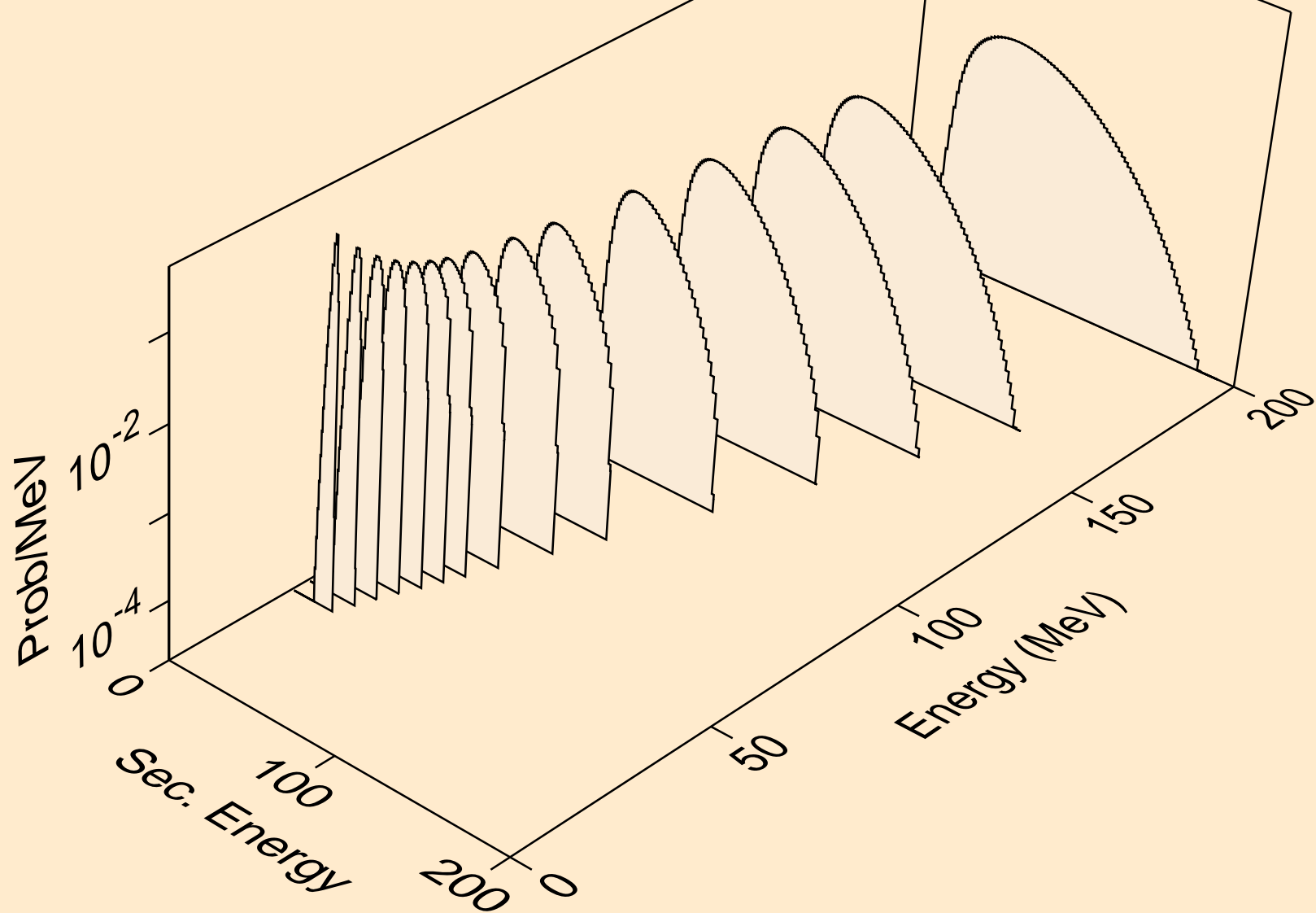




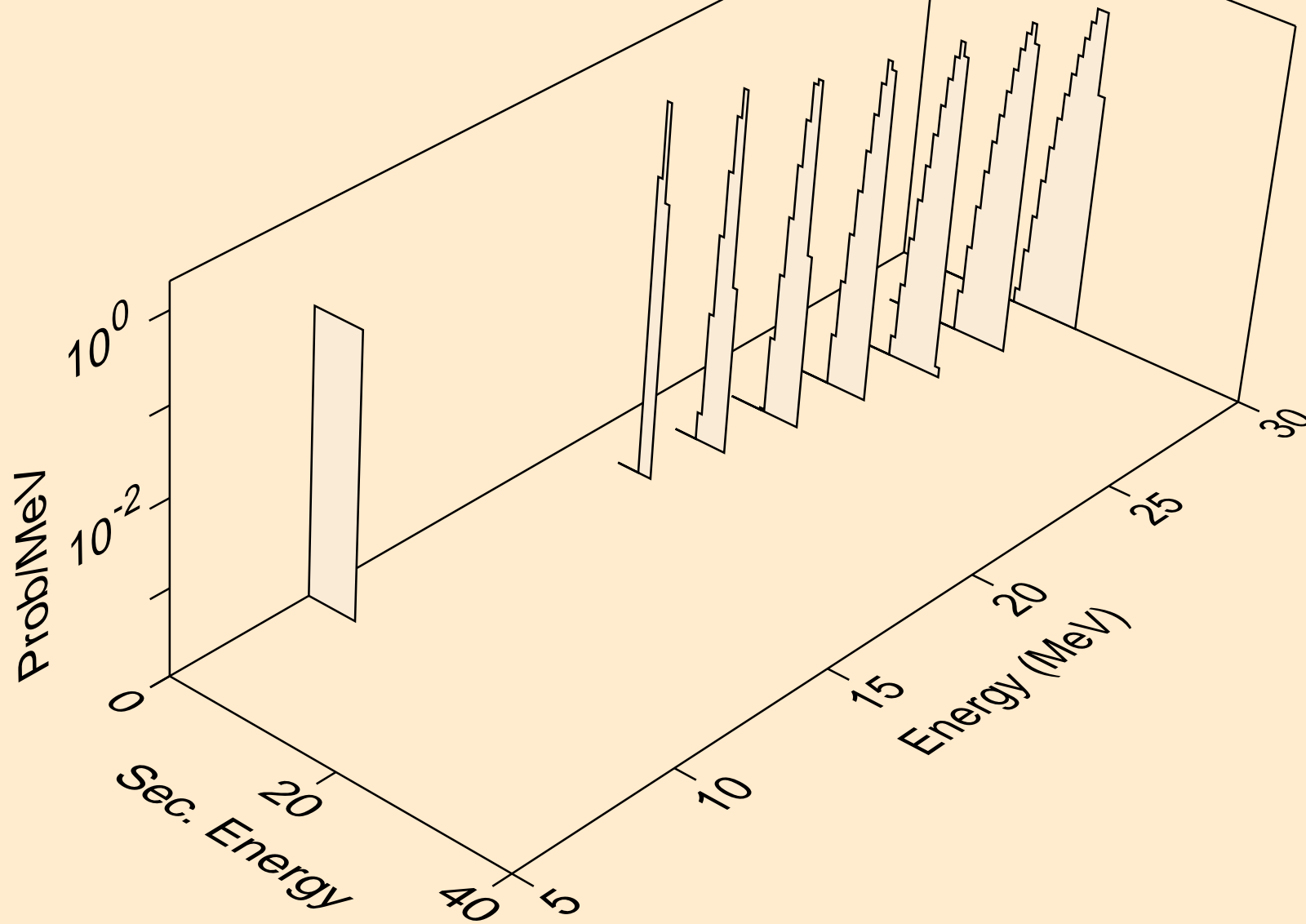
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tritons from (n,t)



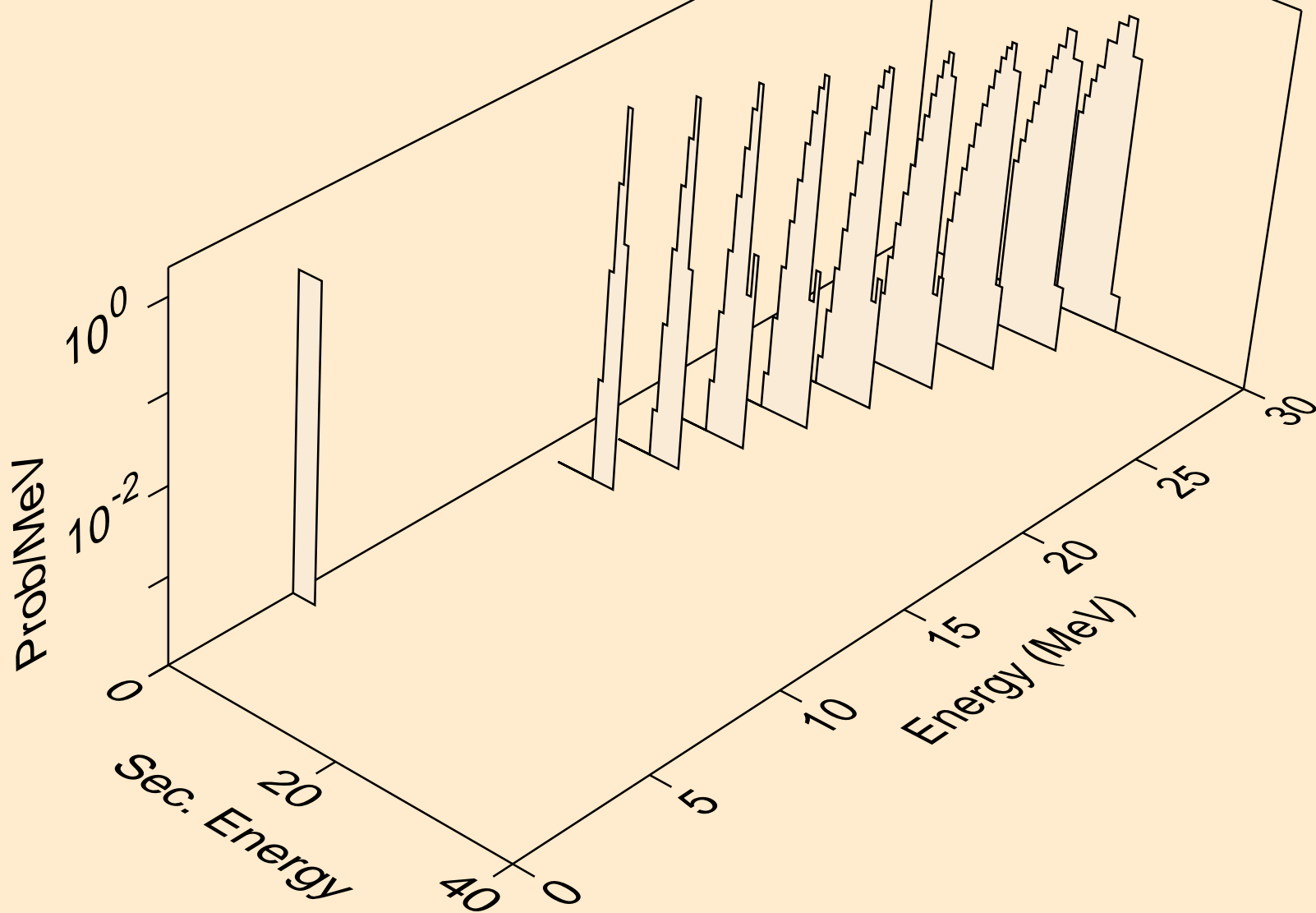
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



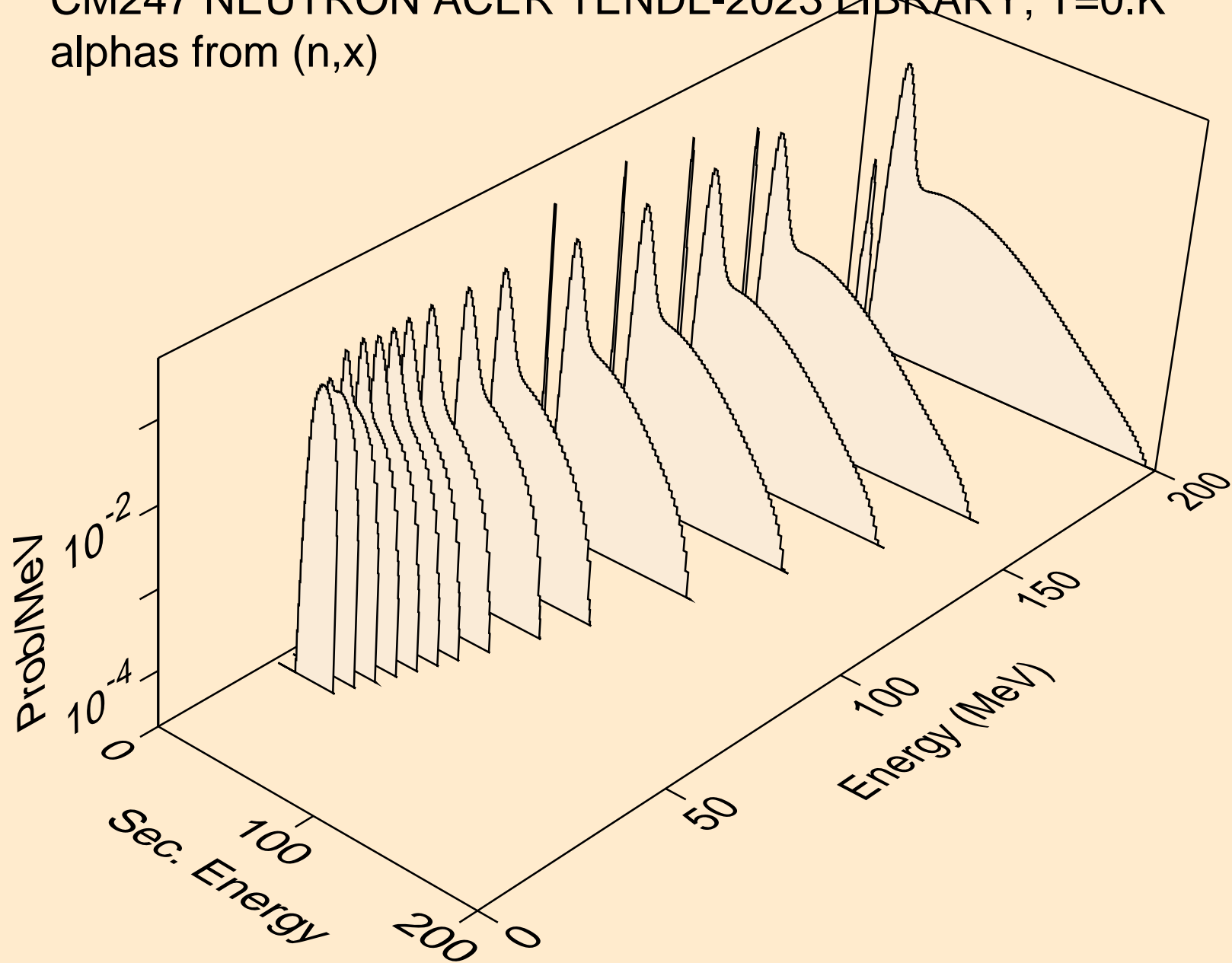
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he3s from (n,n\*)he3



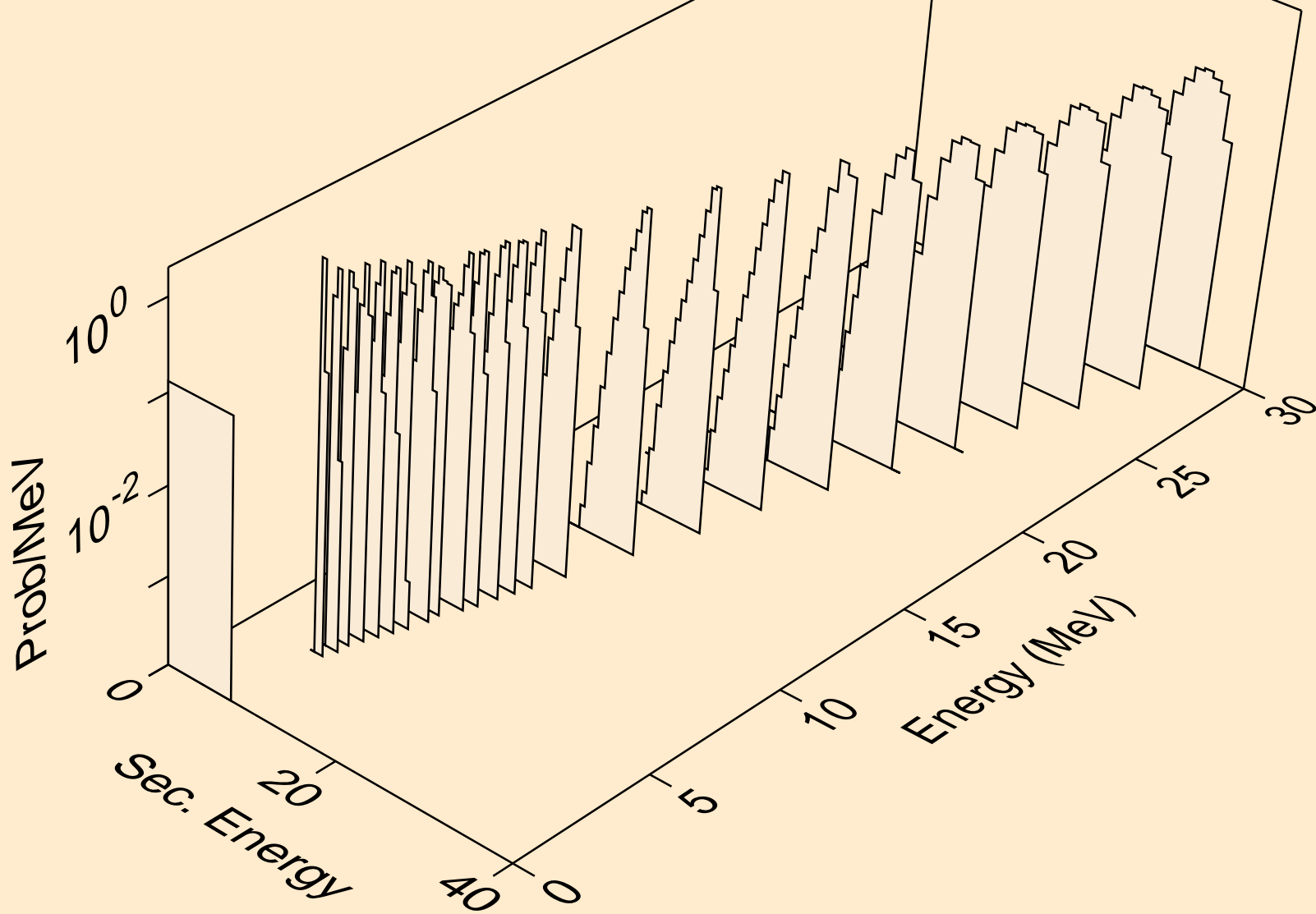
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he3s from (n,he3)



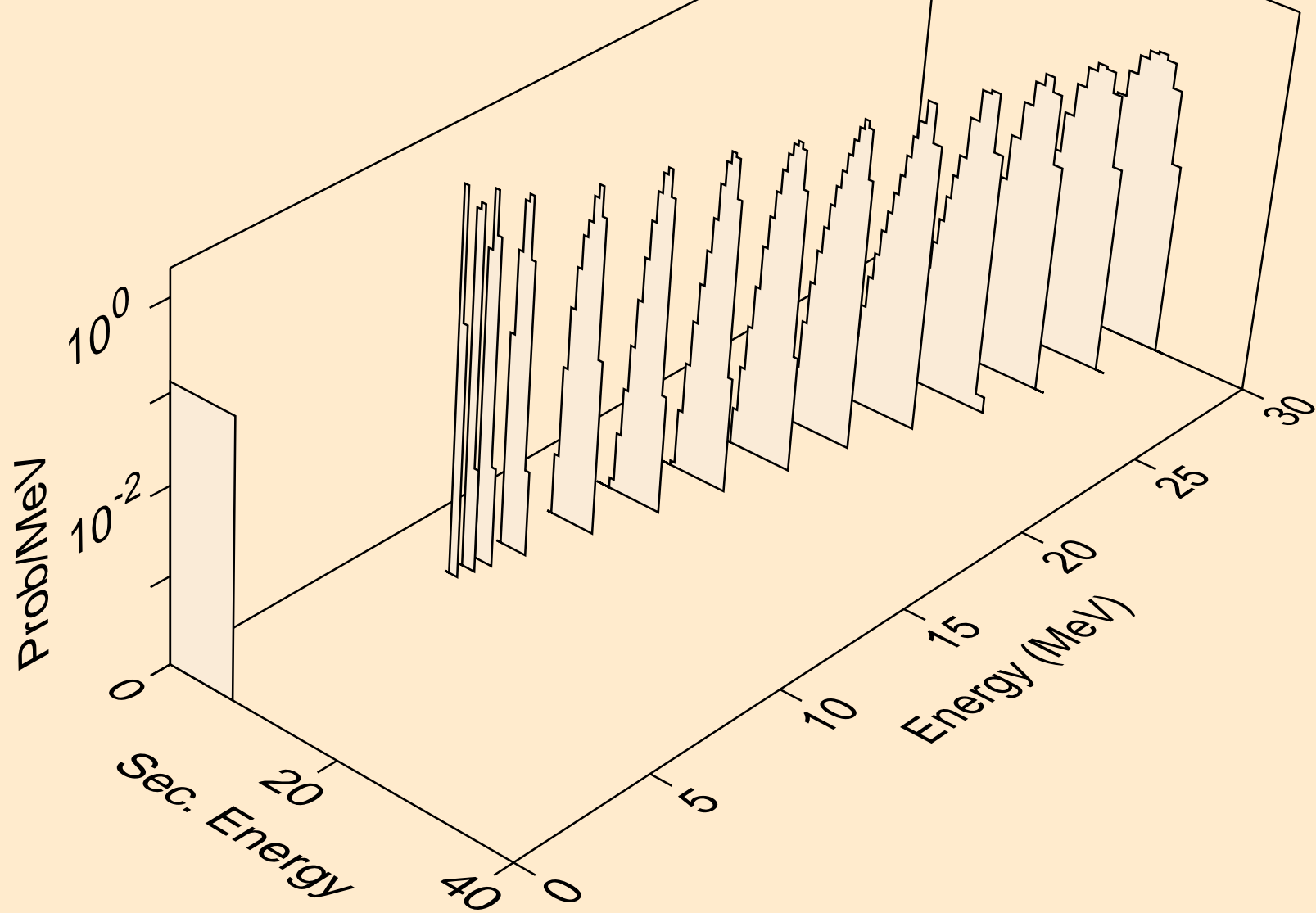
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



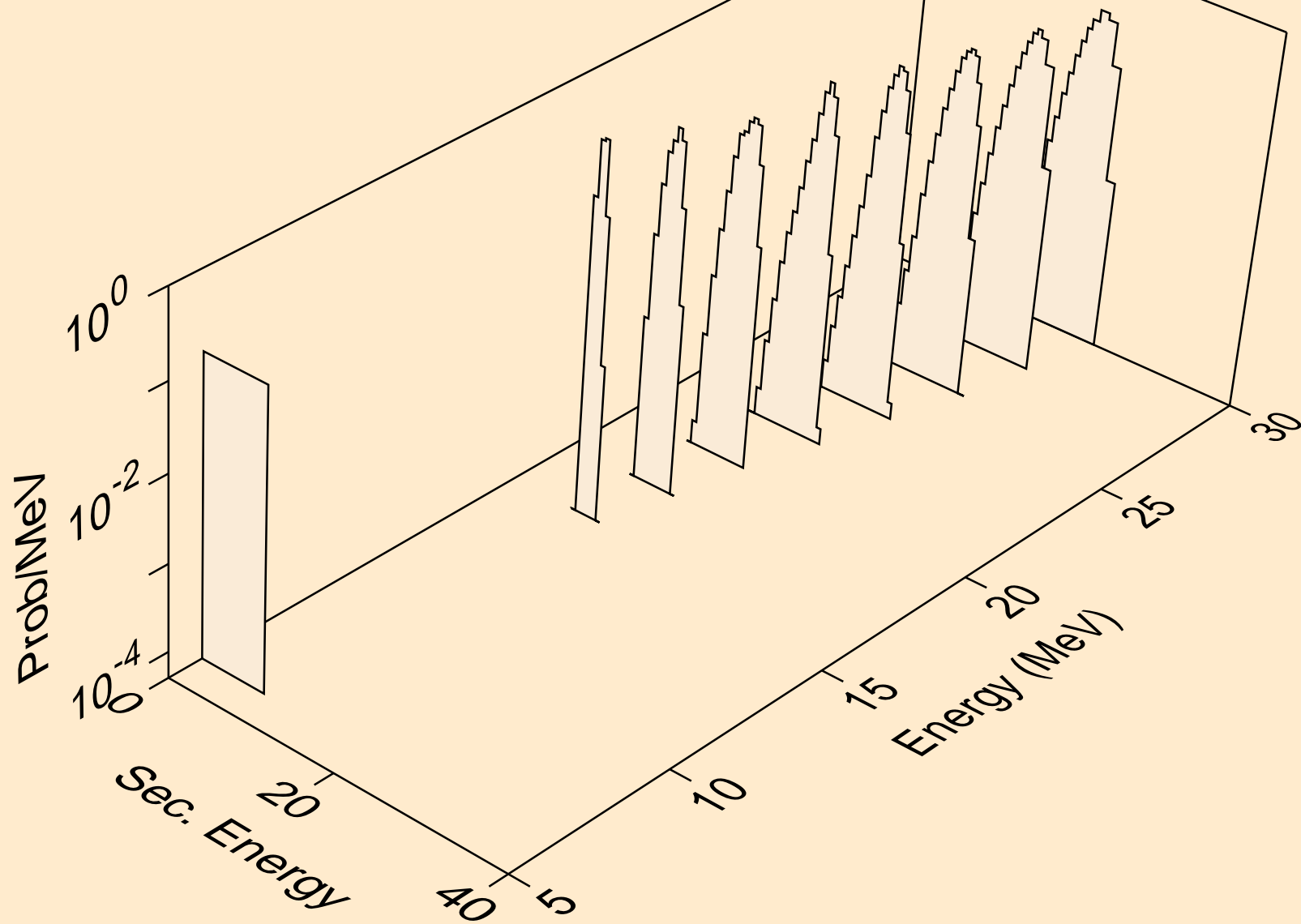
CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a





CM247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

