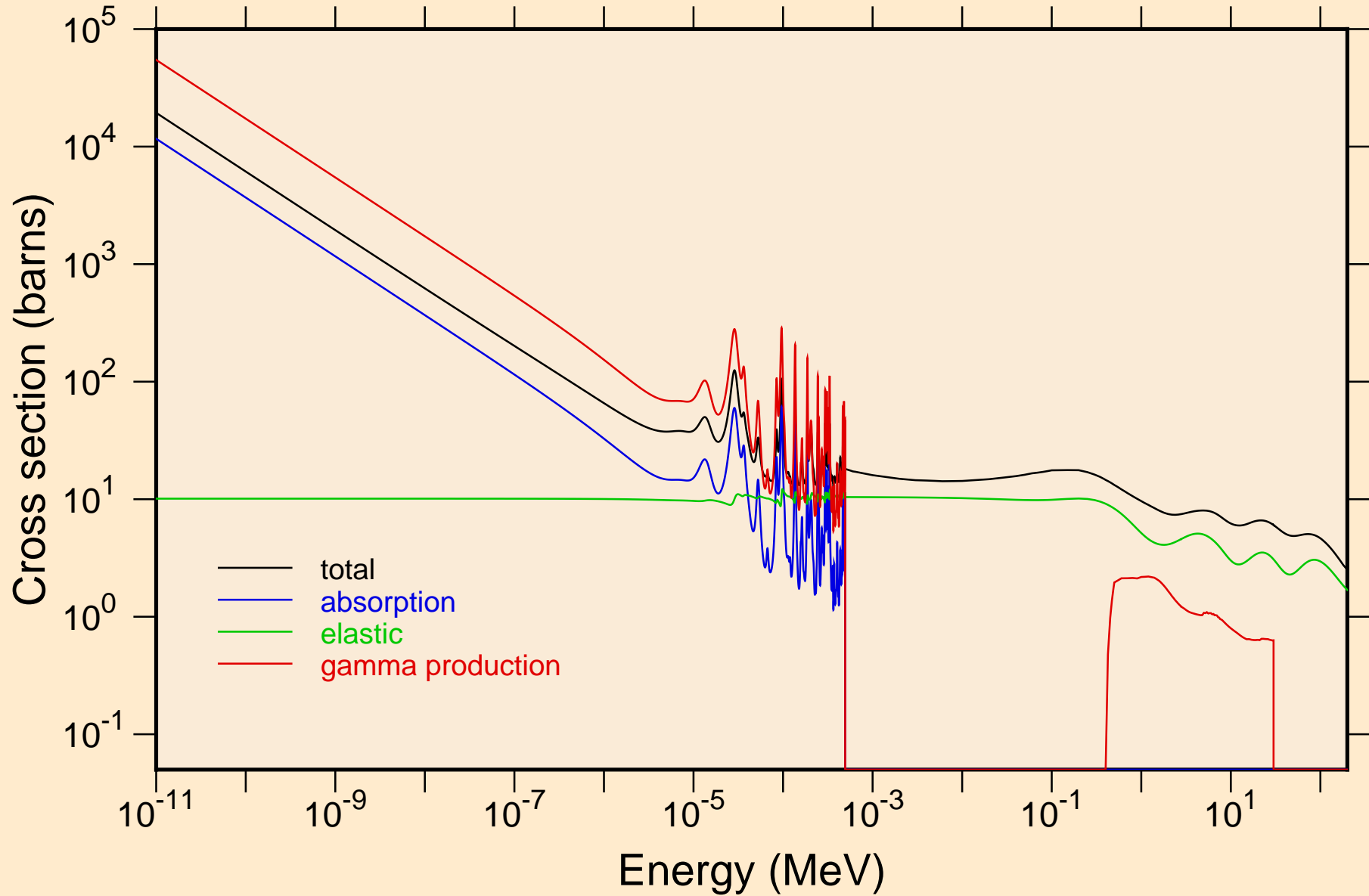
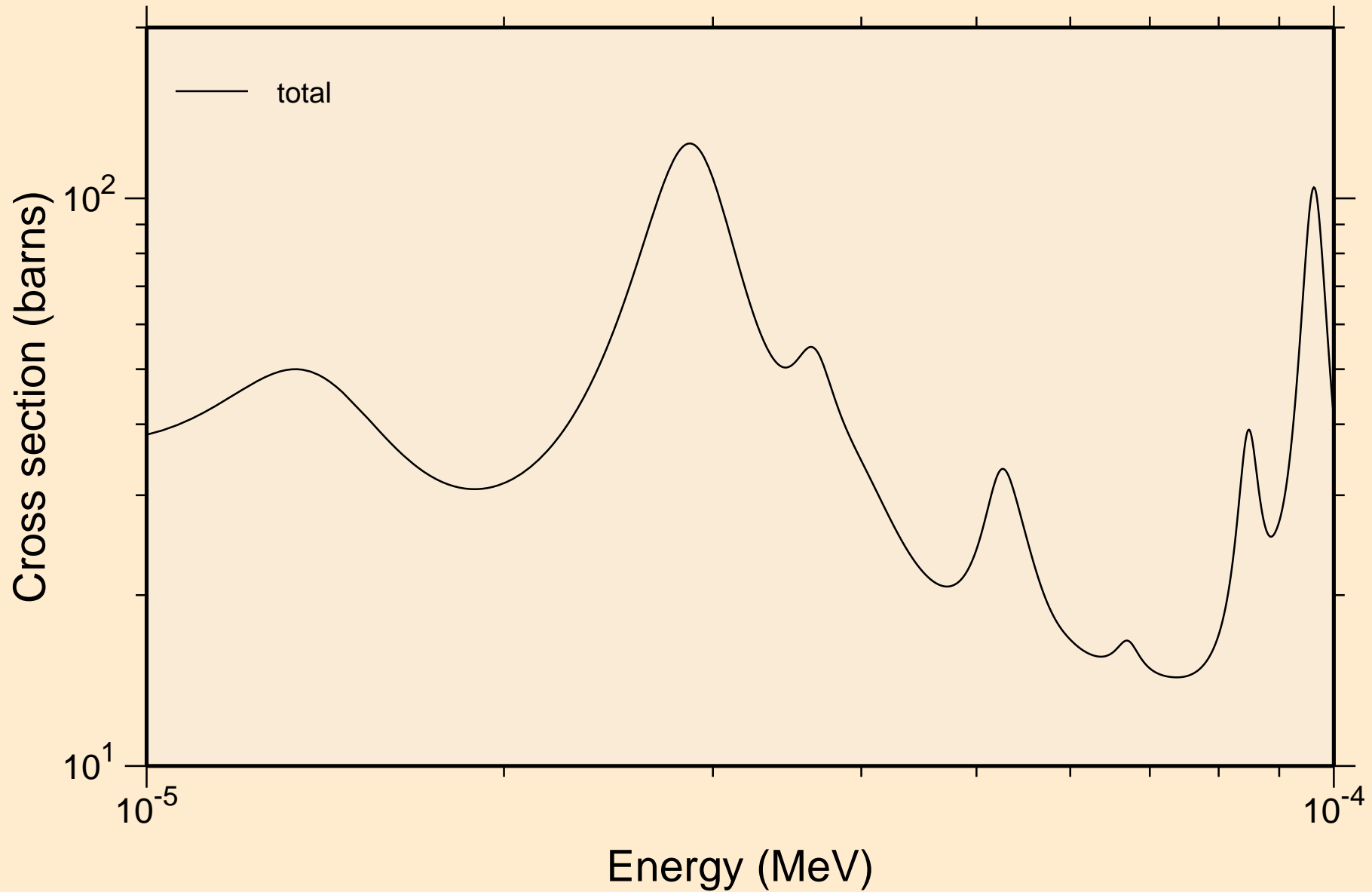


# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

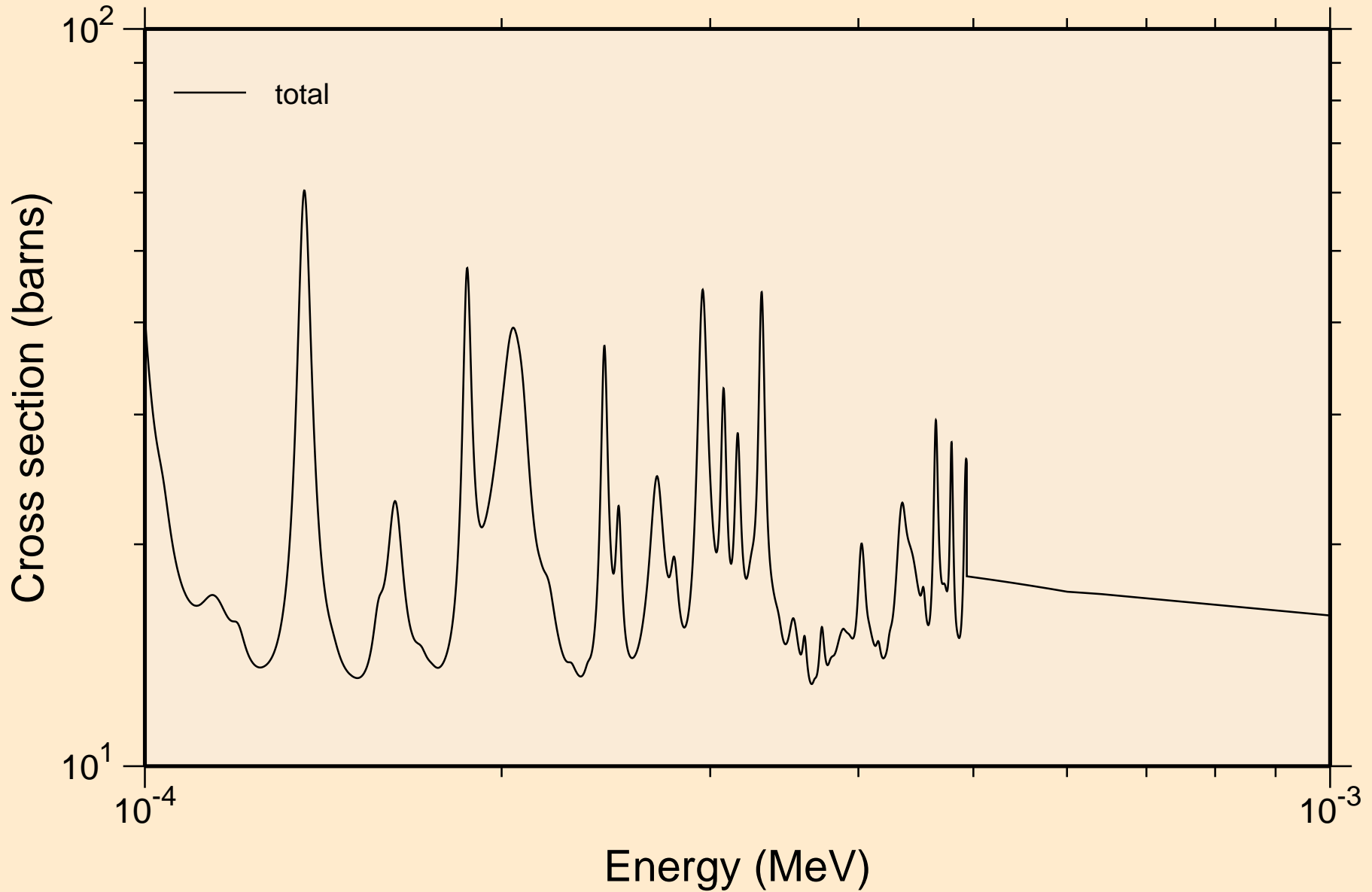
## Principal cross sections



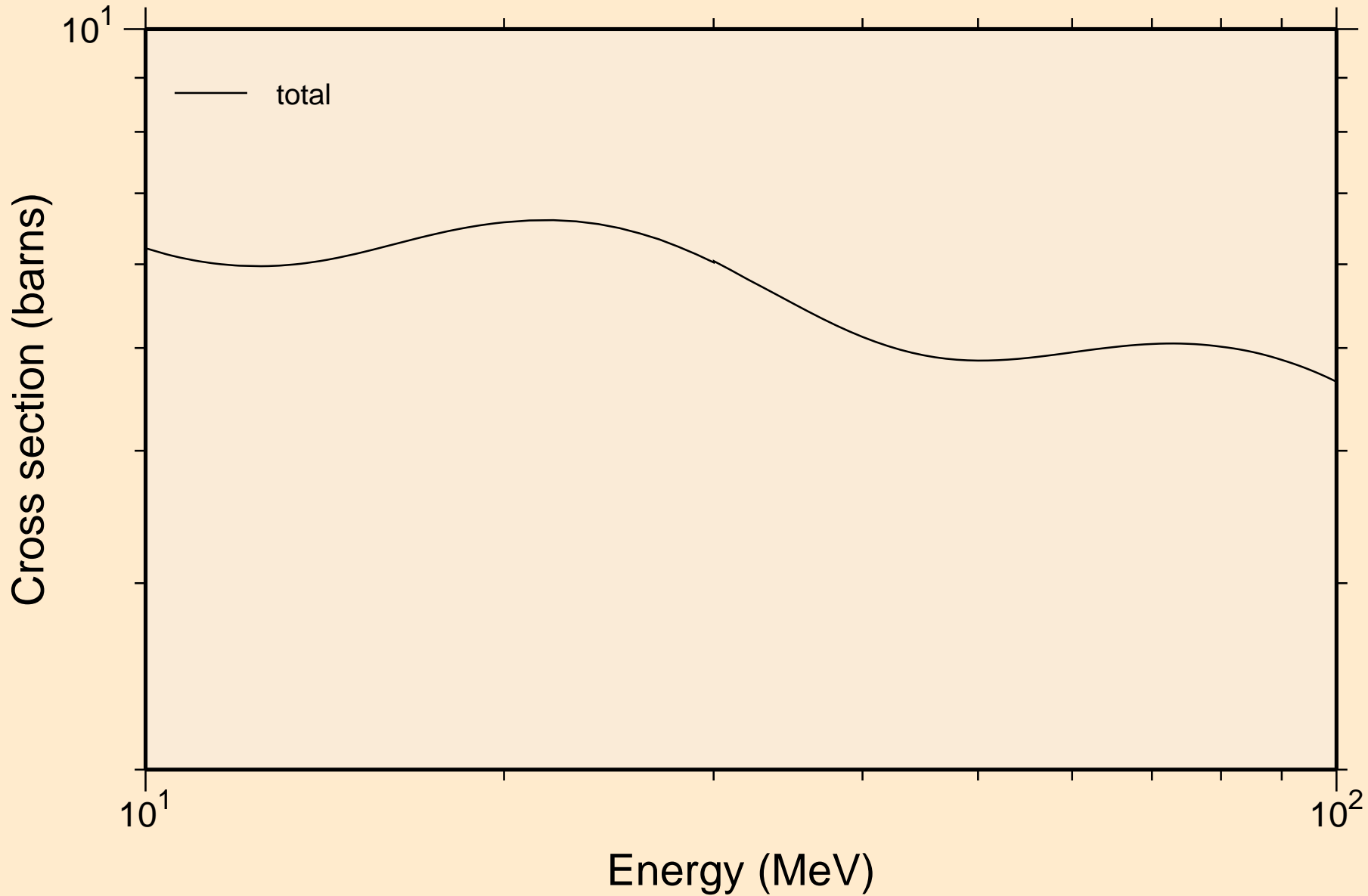
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



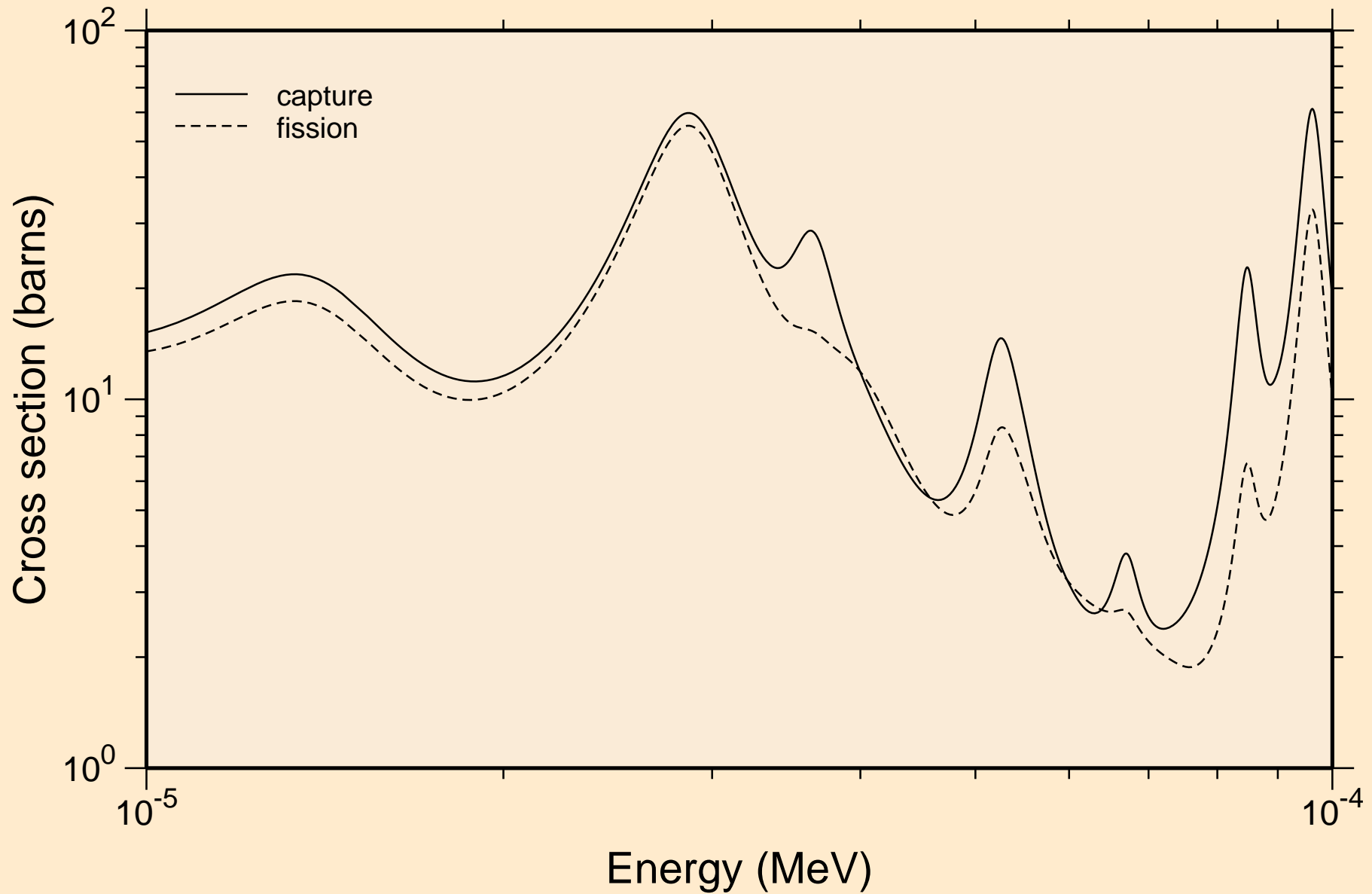
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



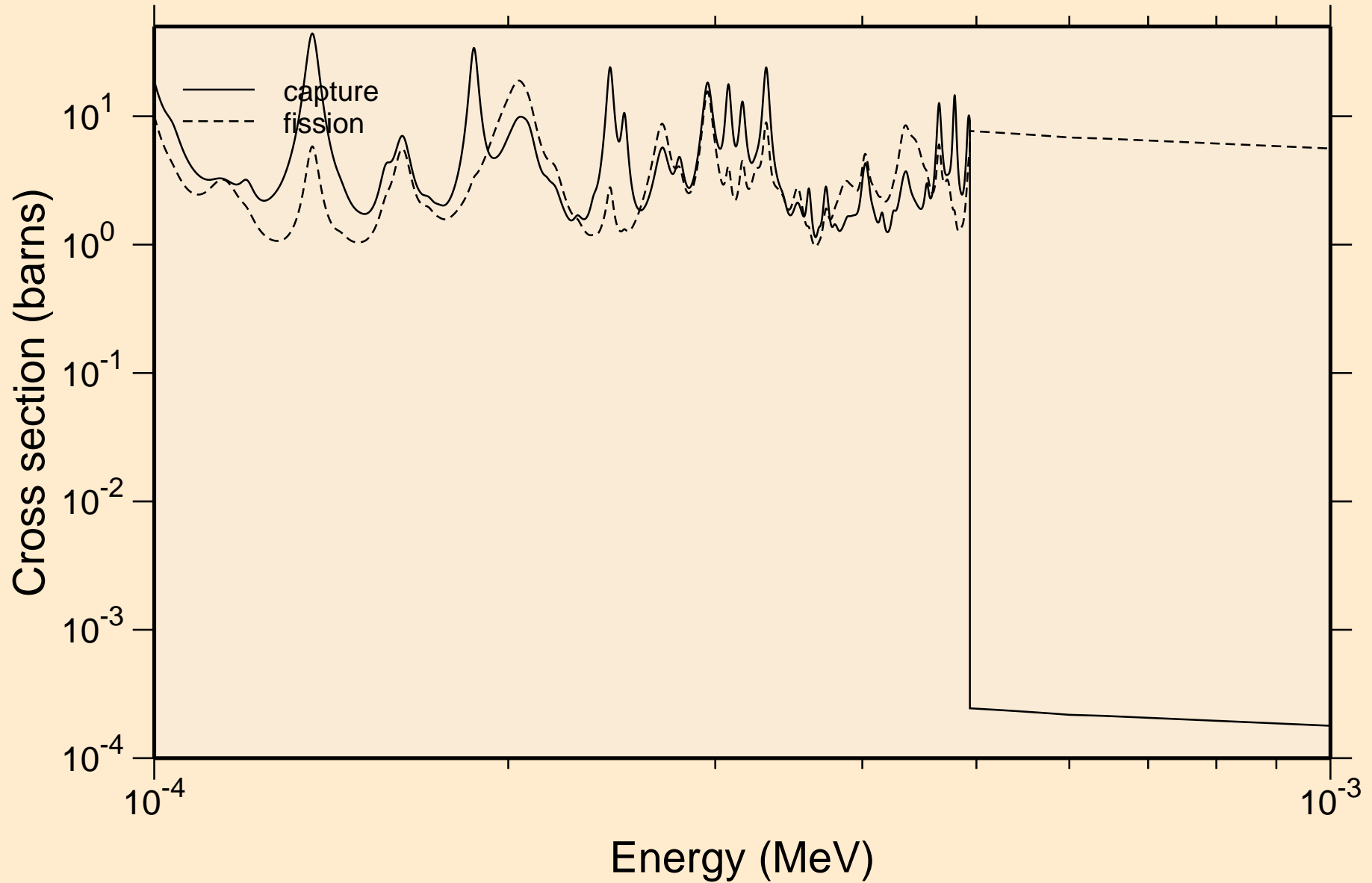
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



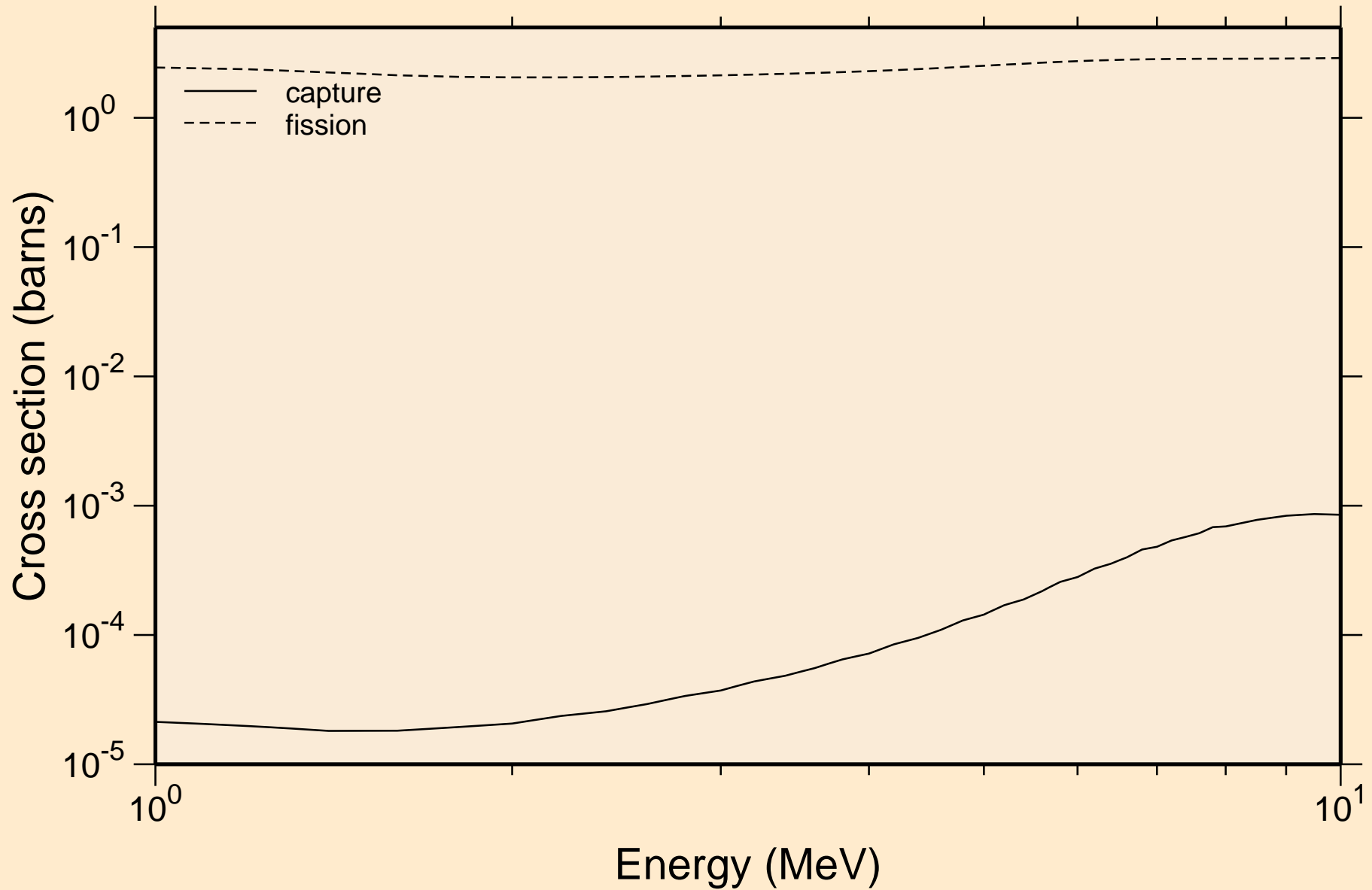
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



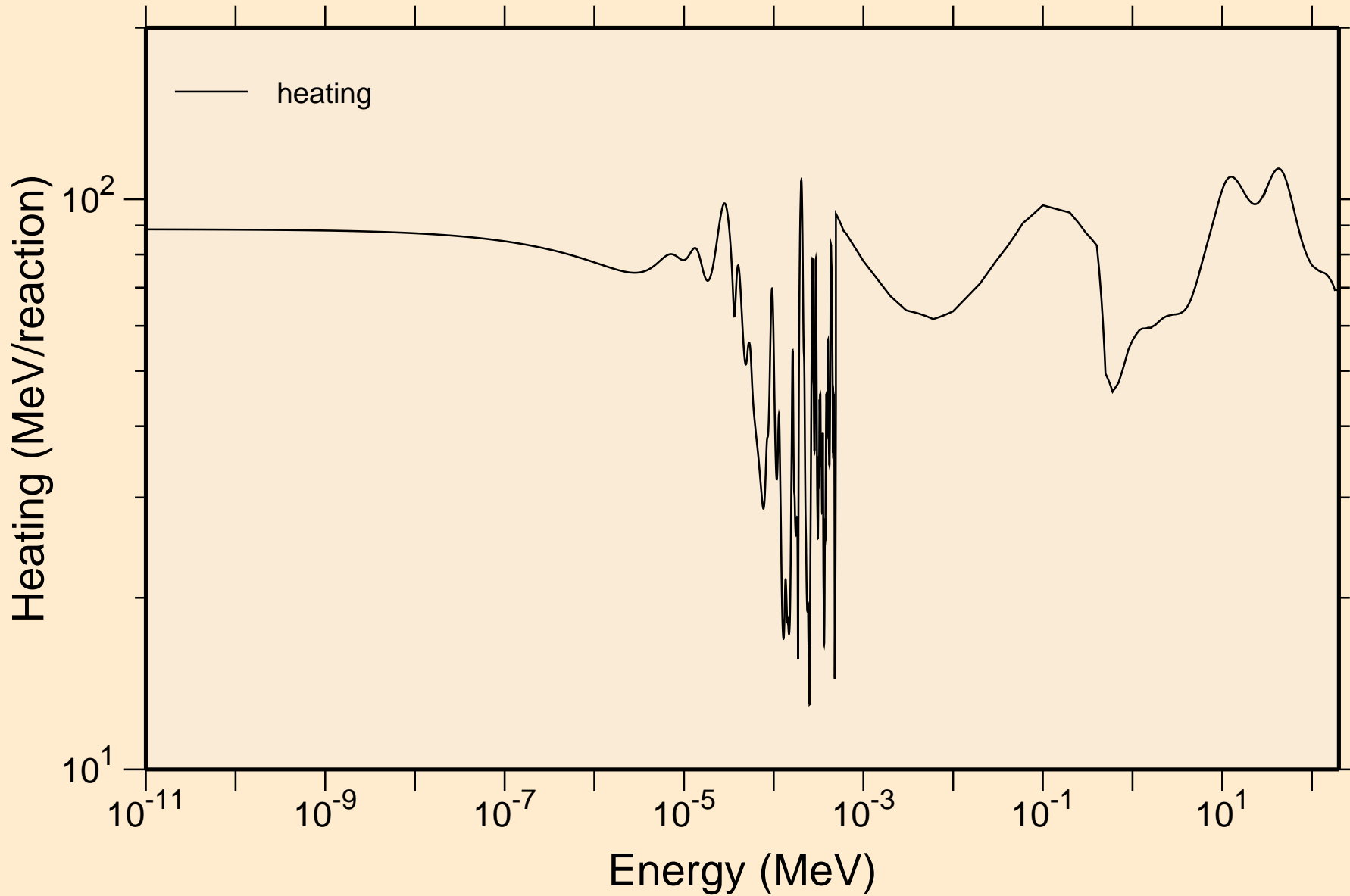
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



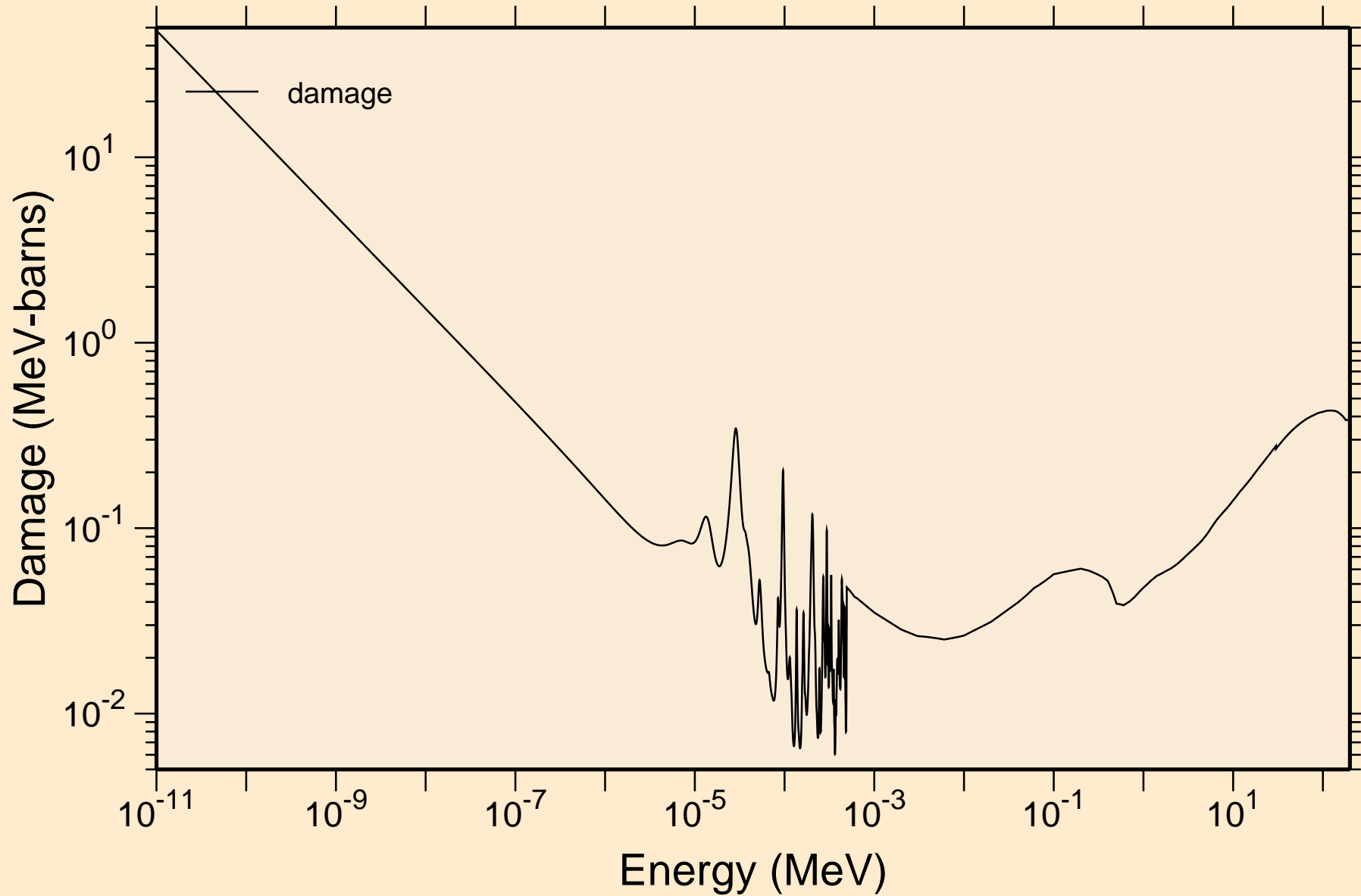
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating





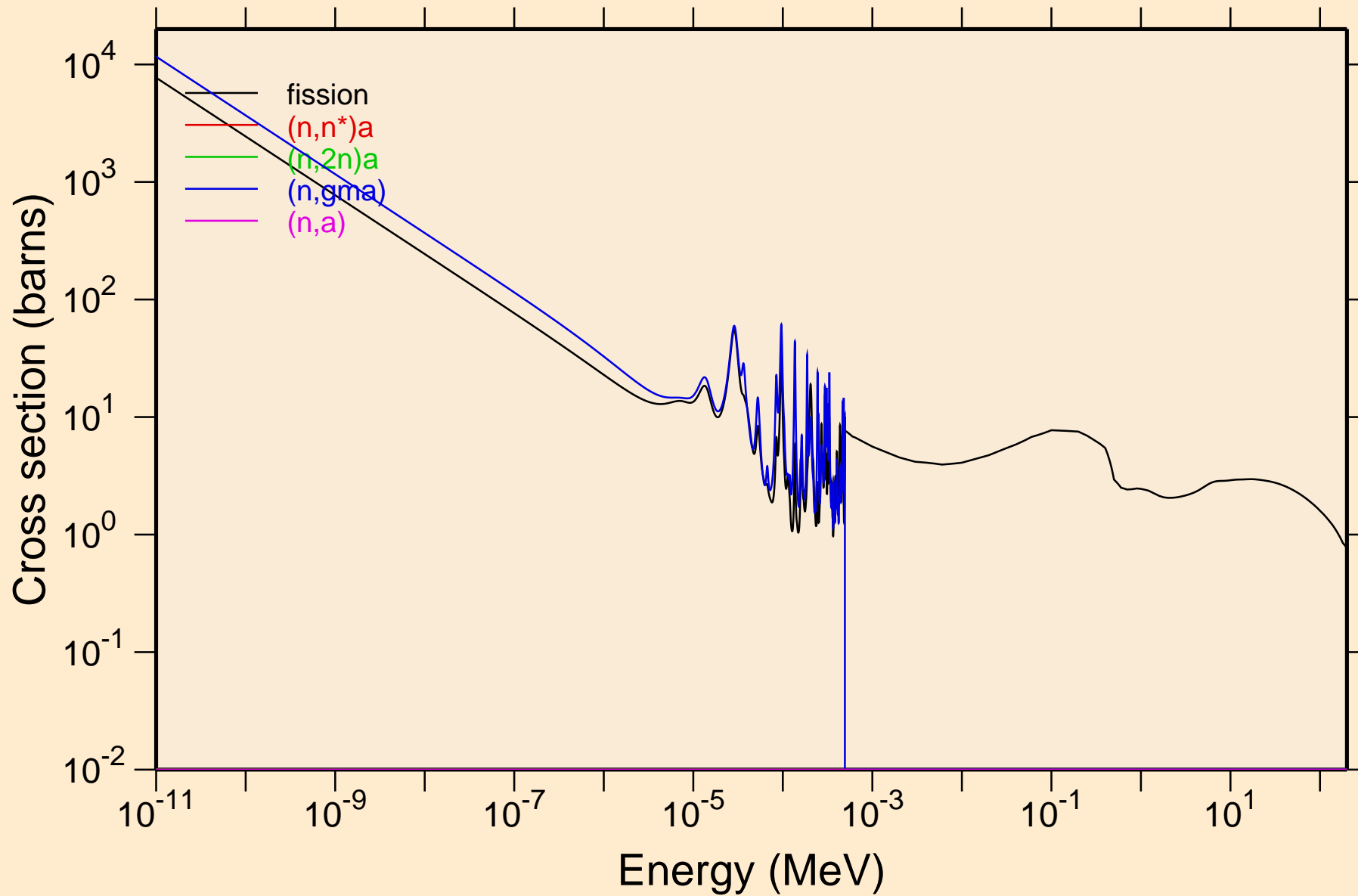
# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

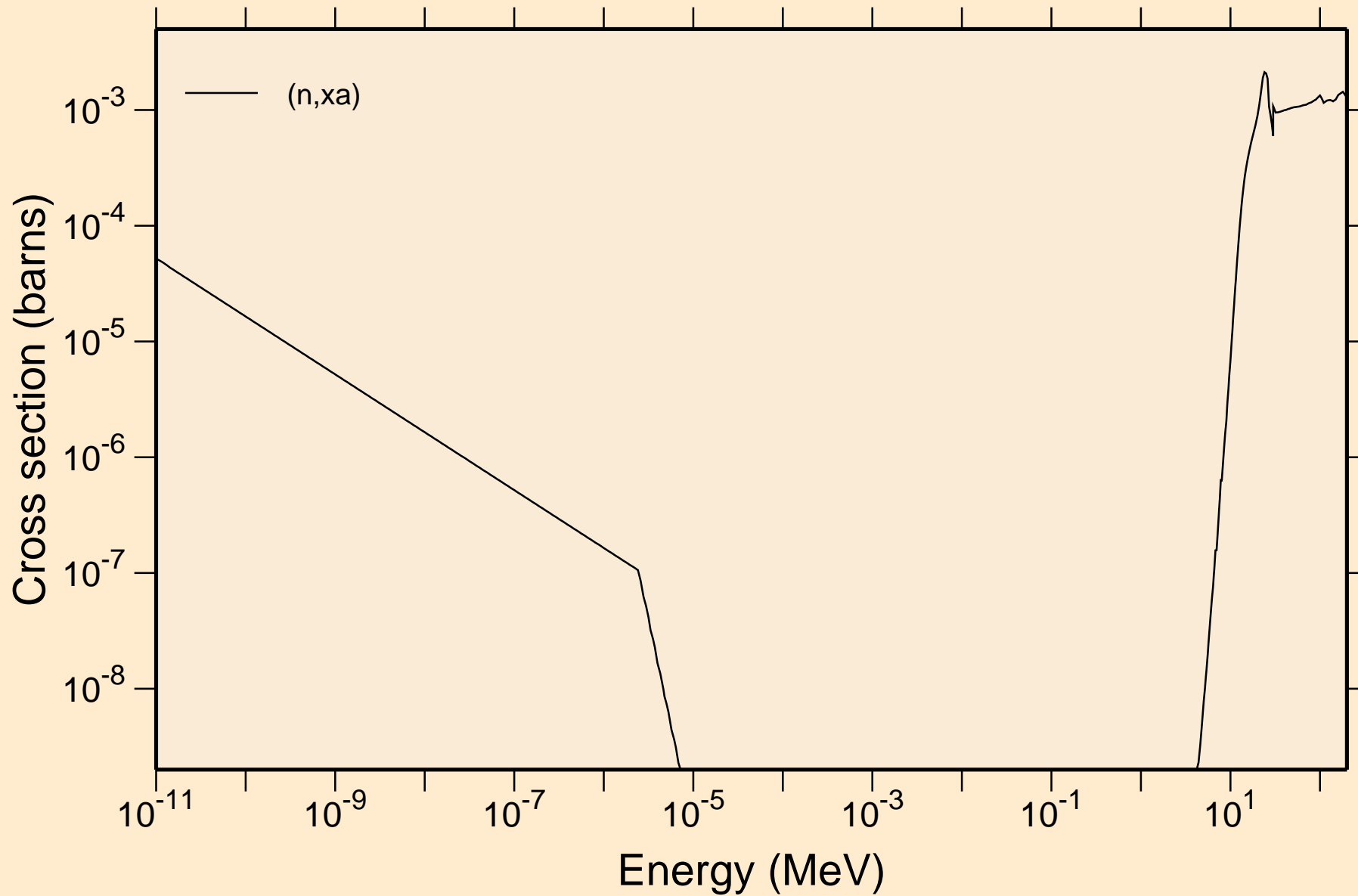


# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

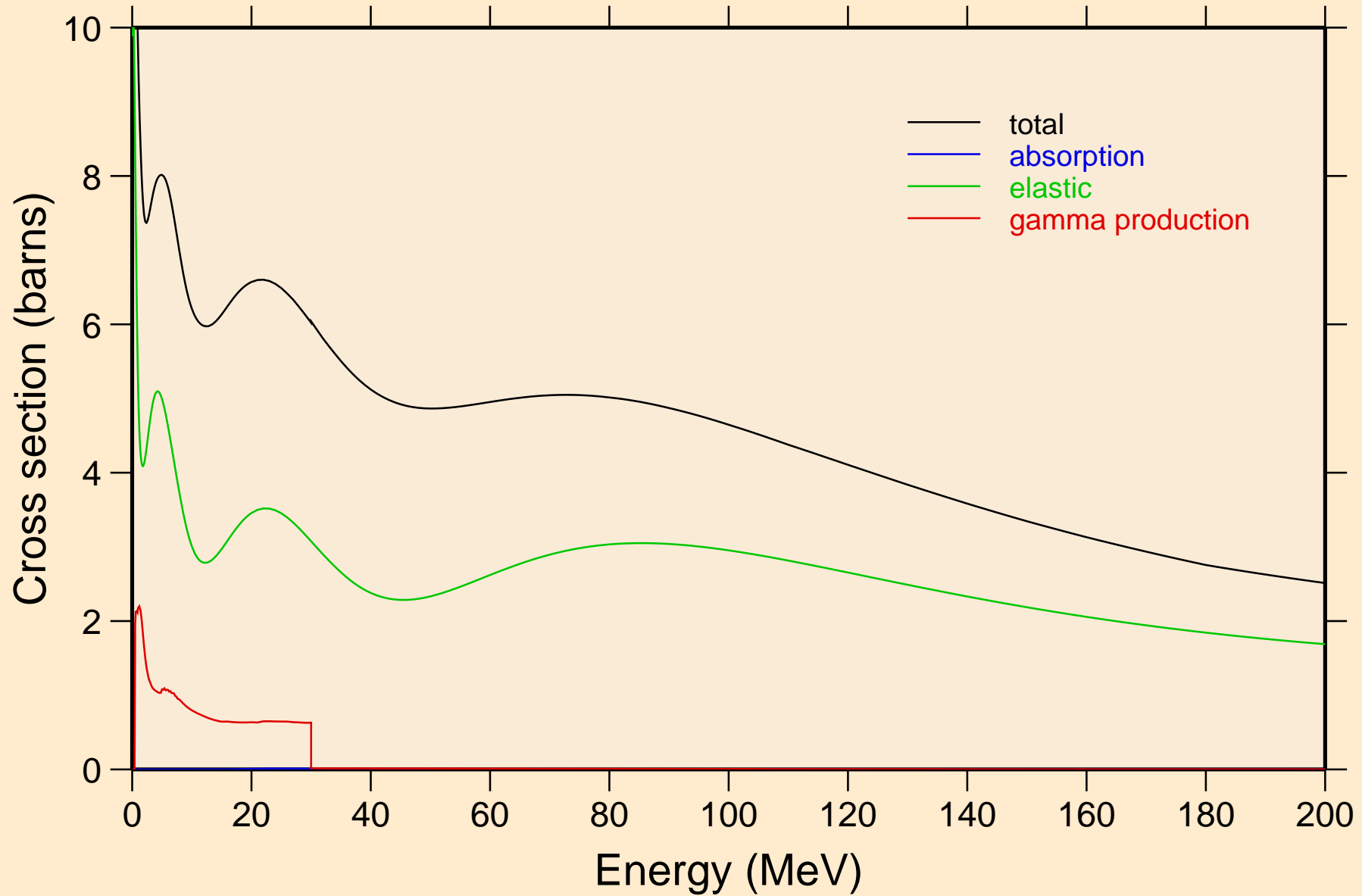


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



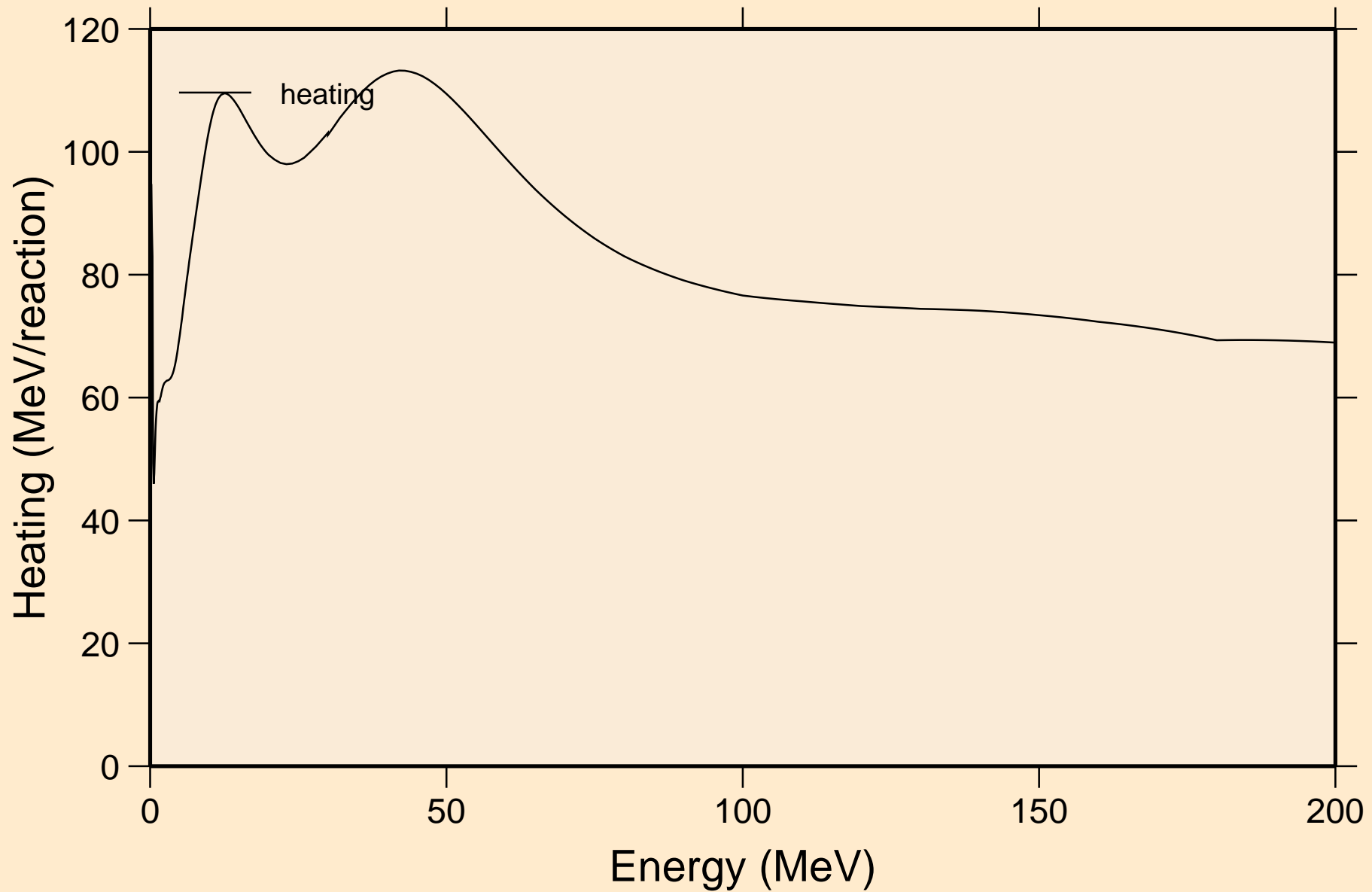
# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



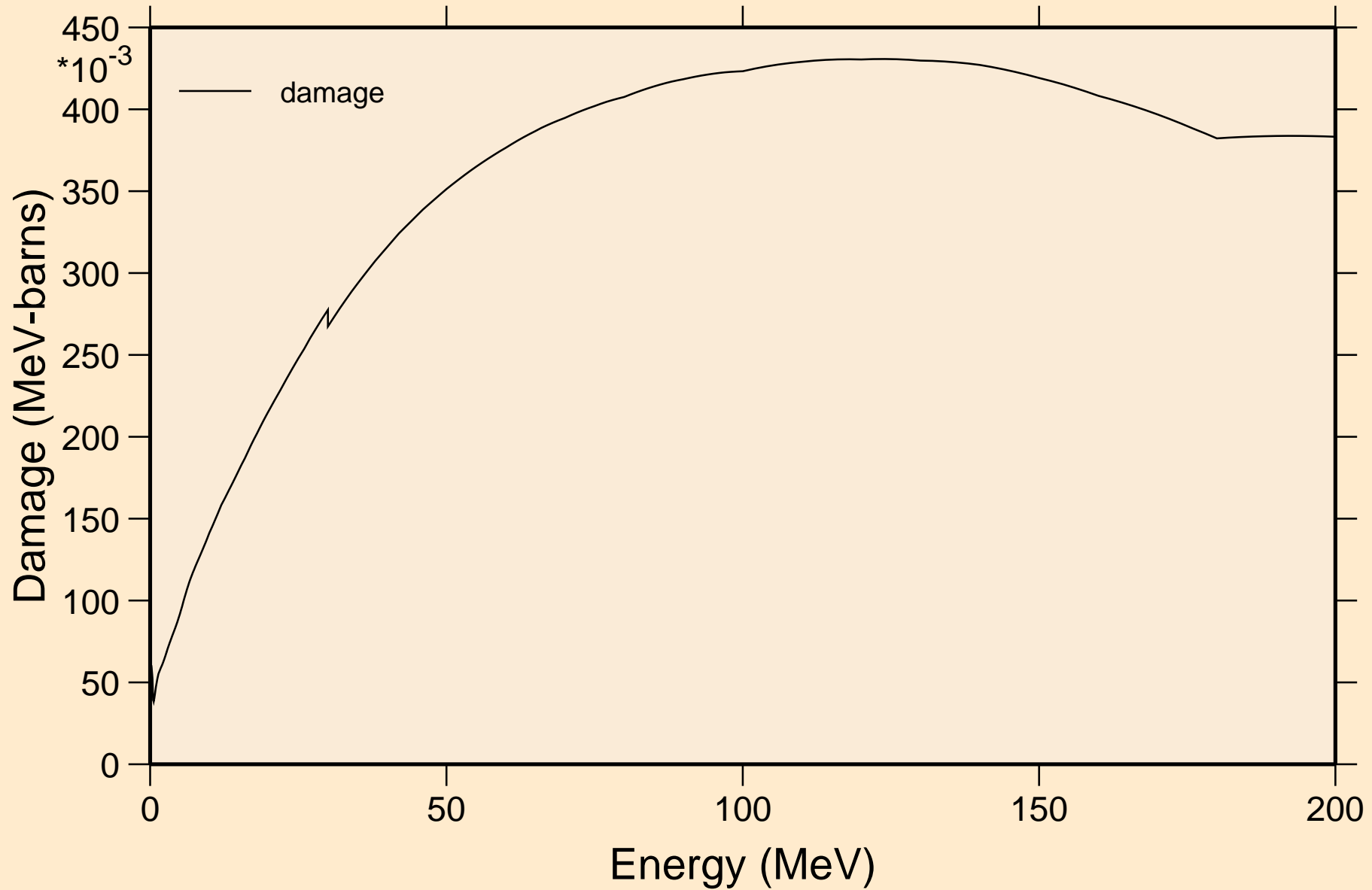
# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



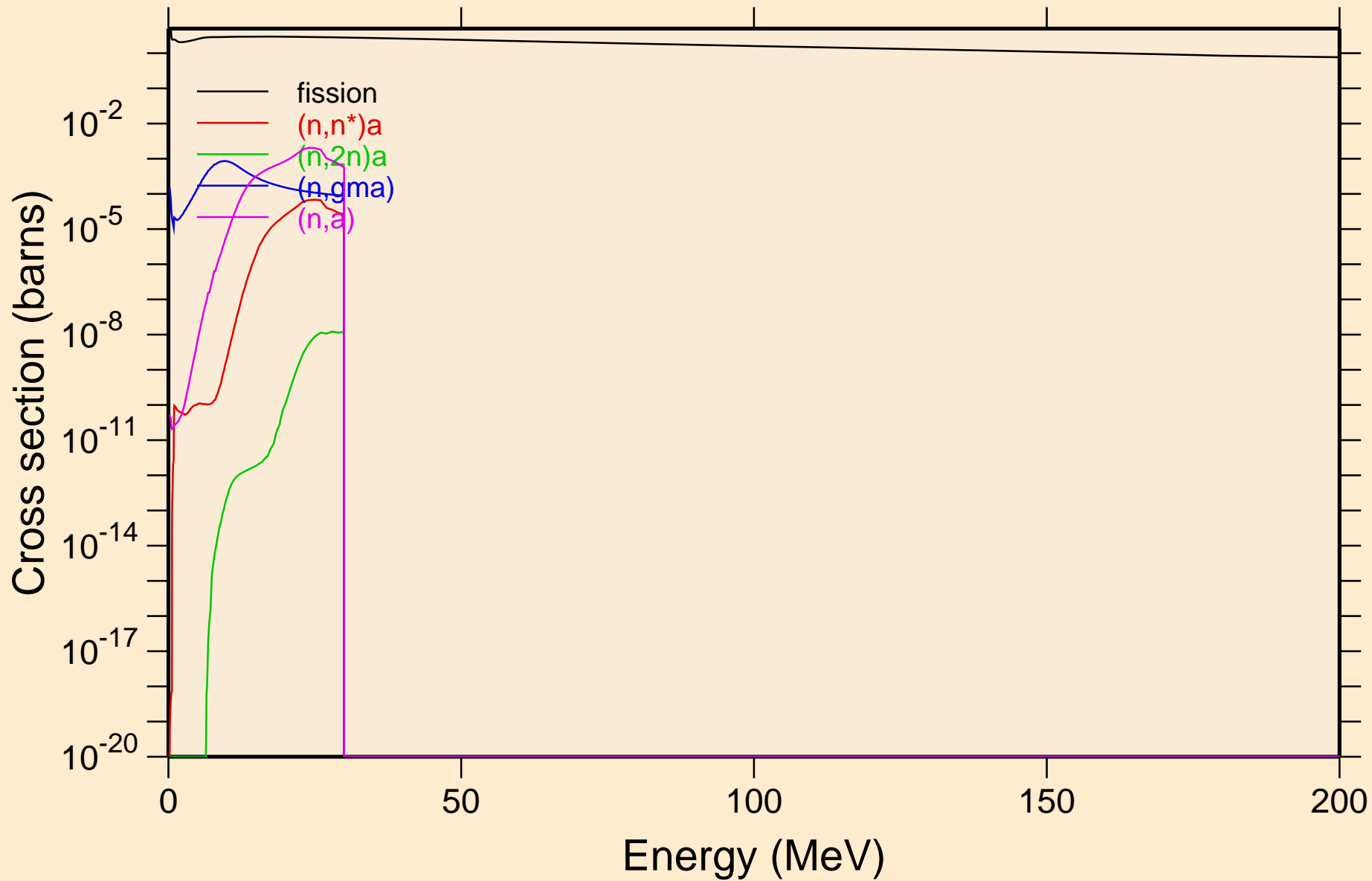
# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

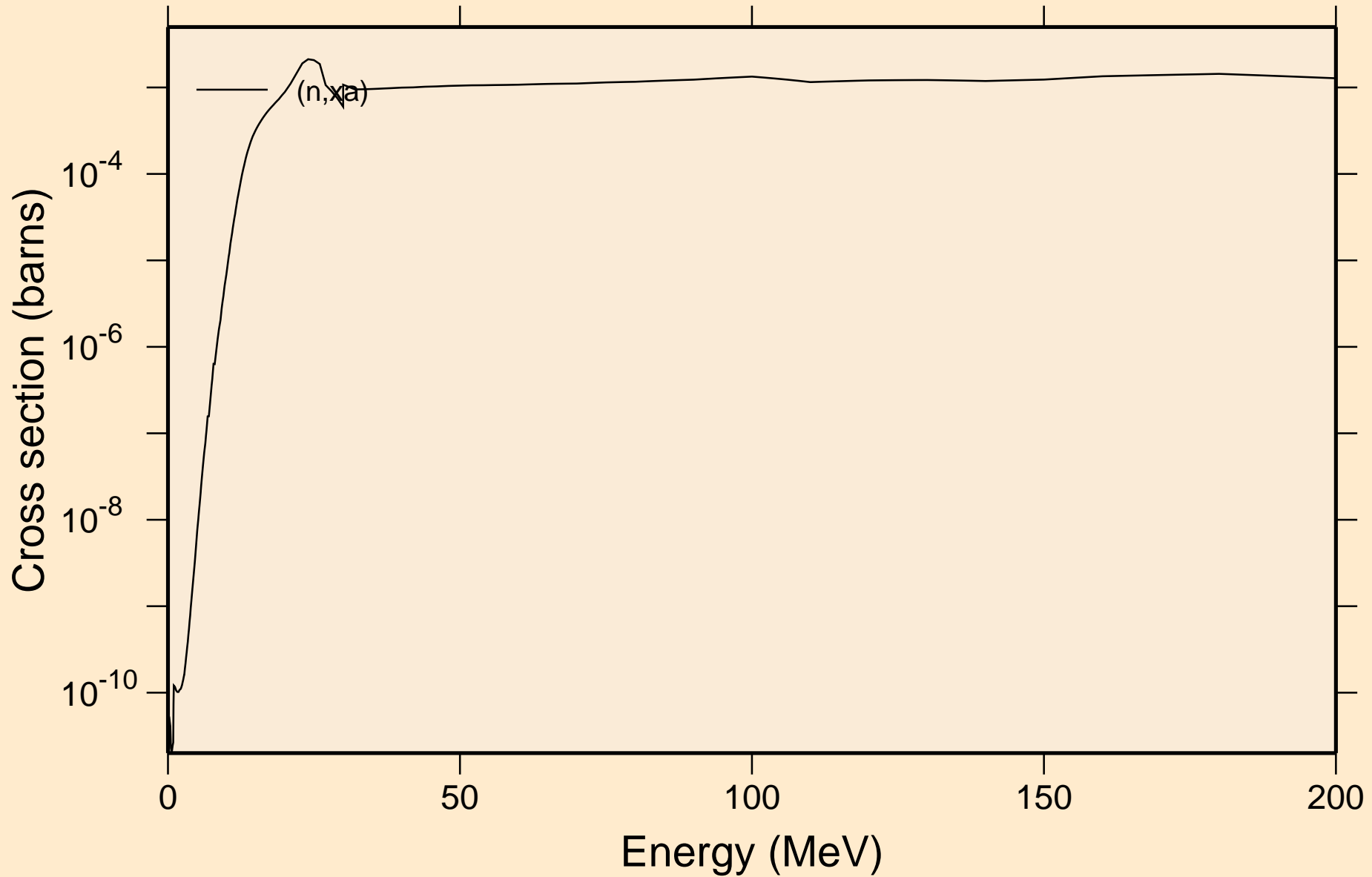


# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

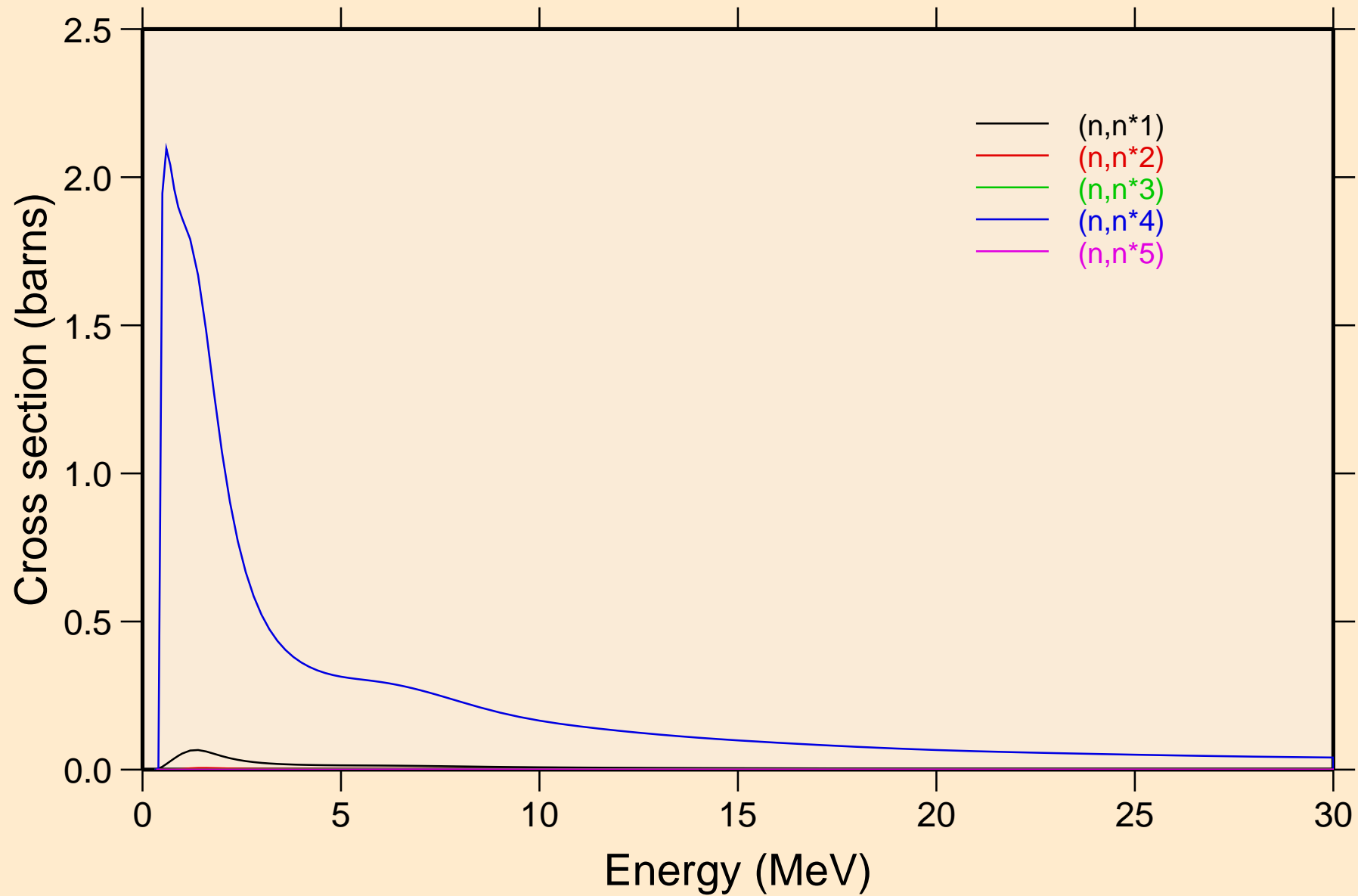


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

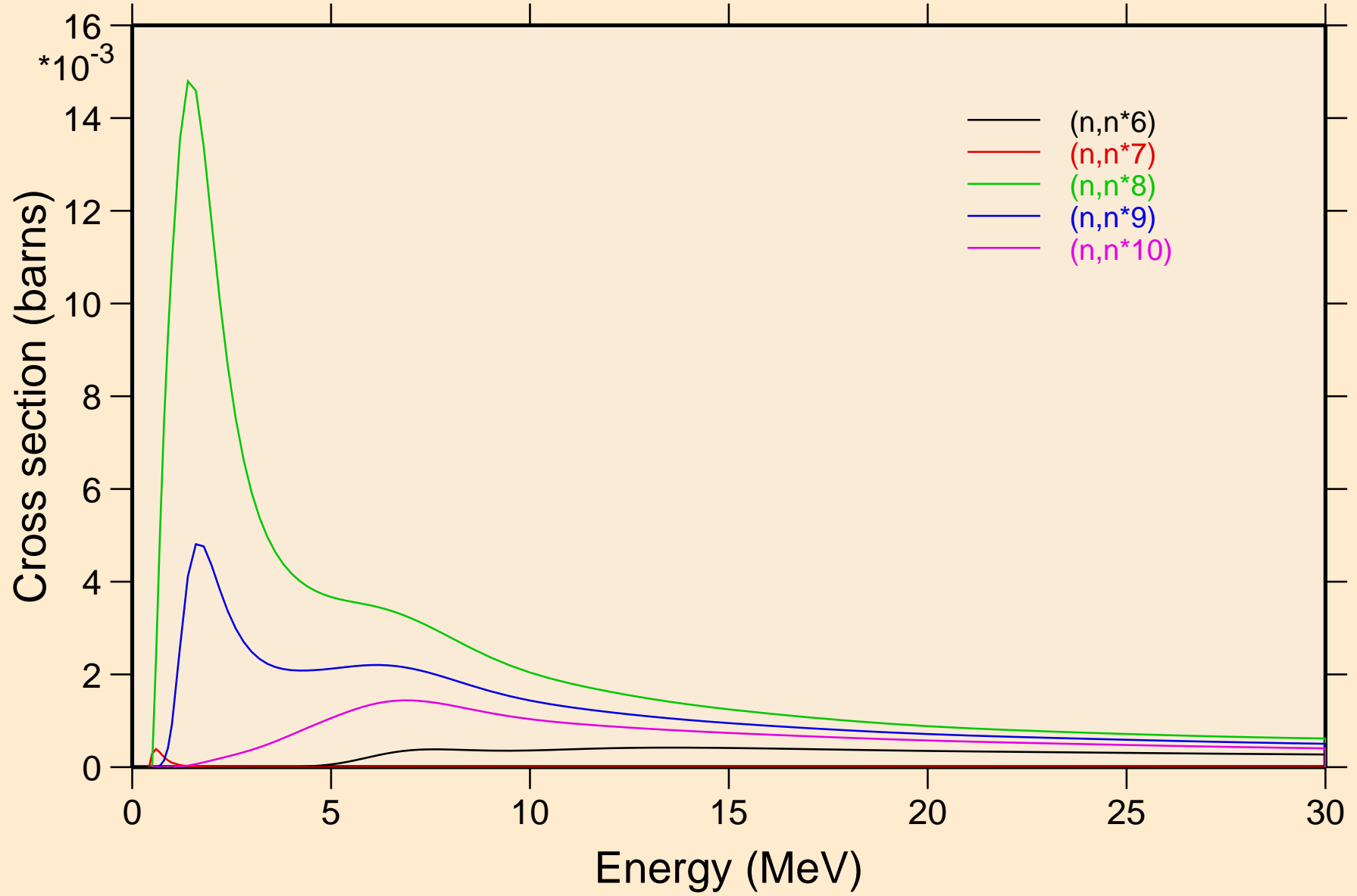




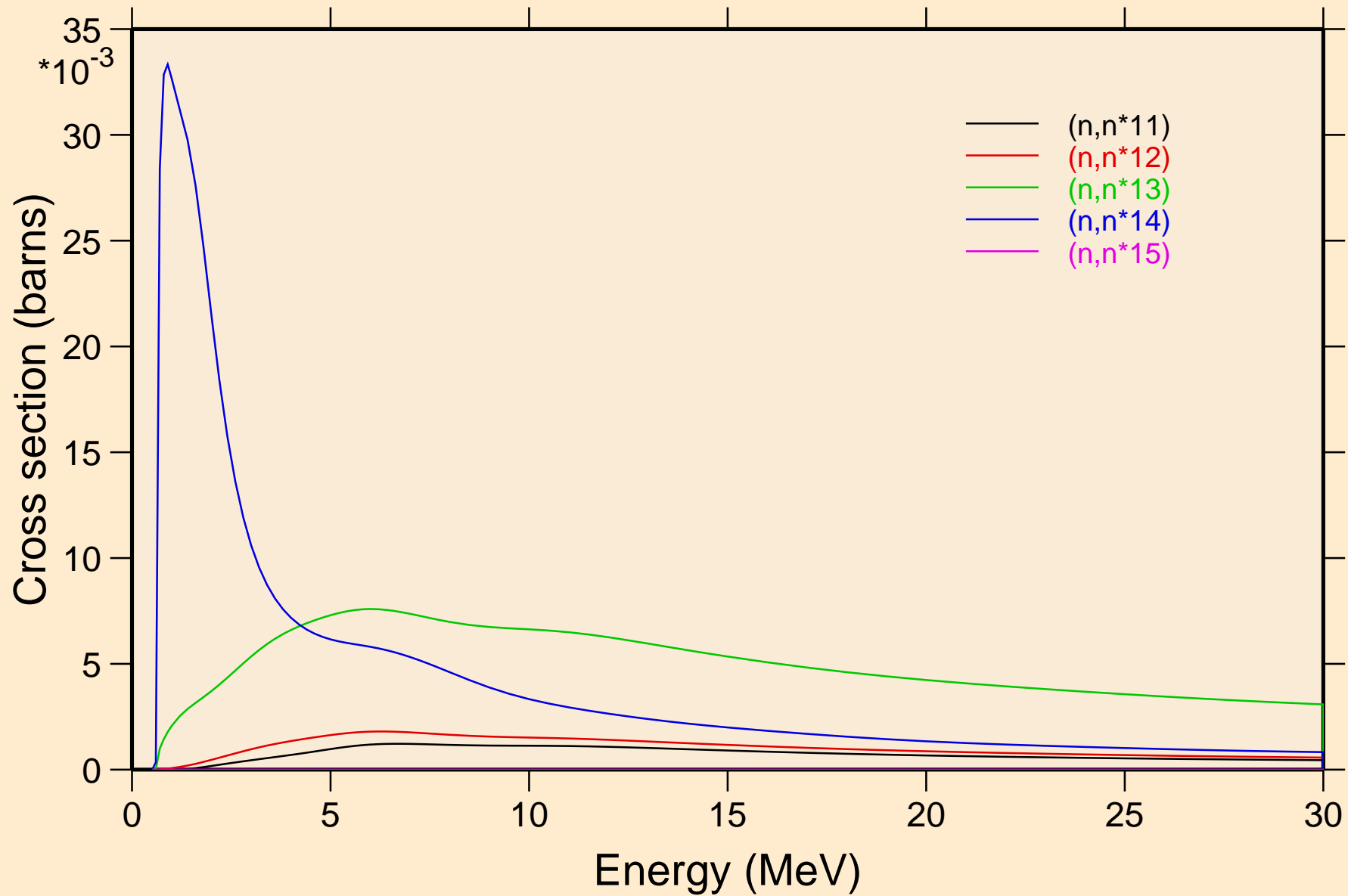
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



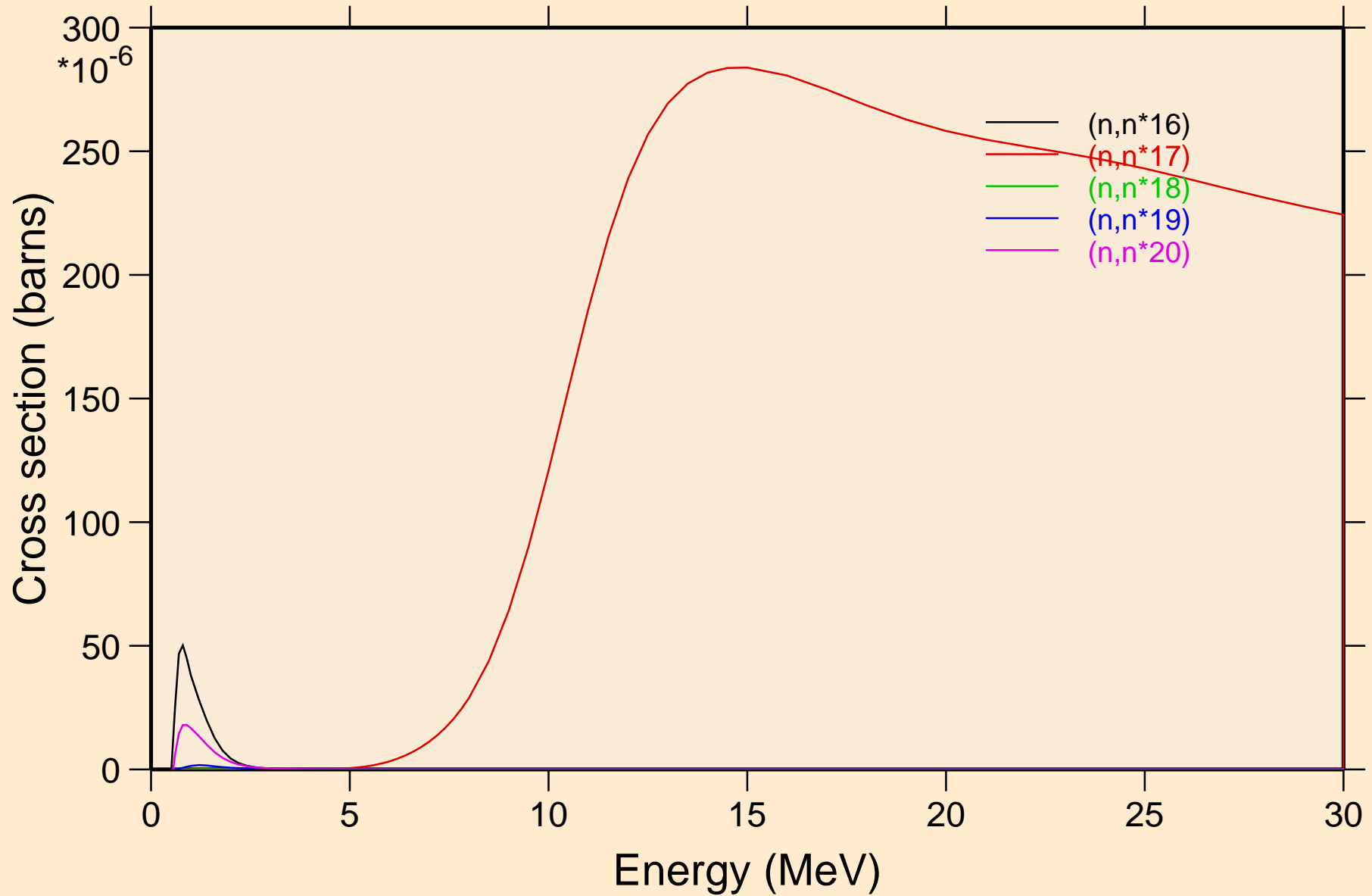
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



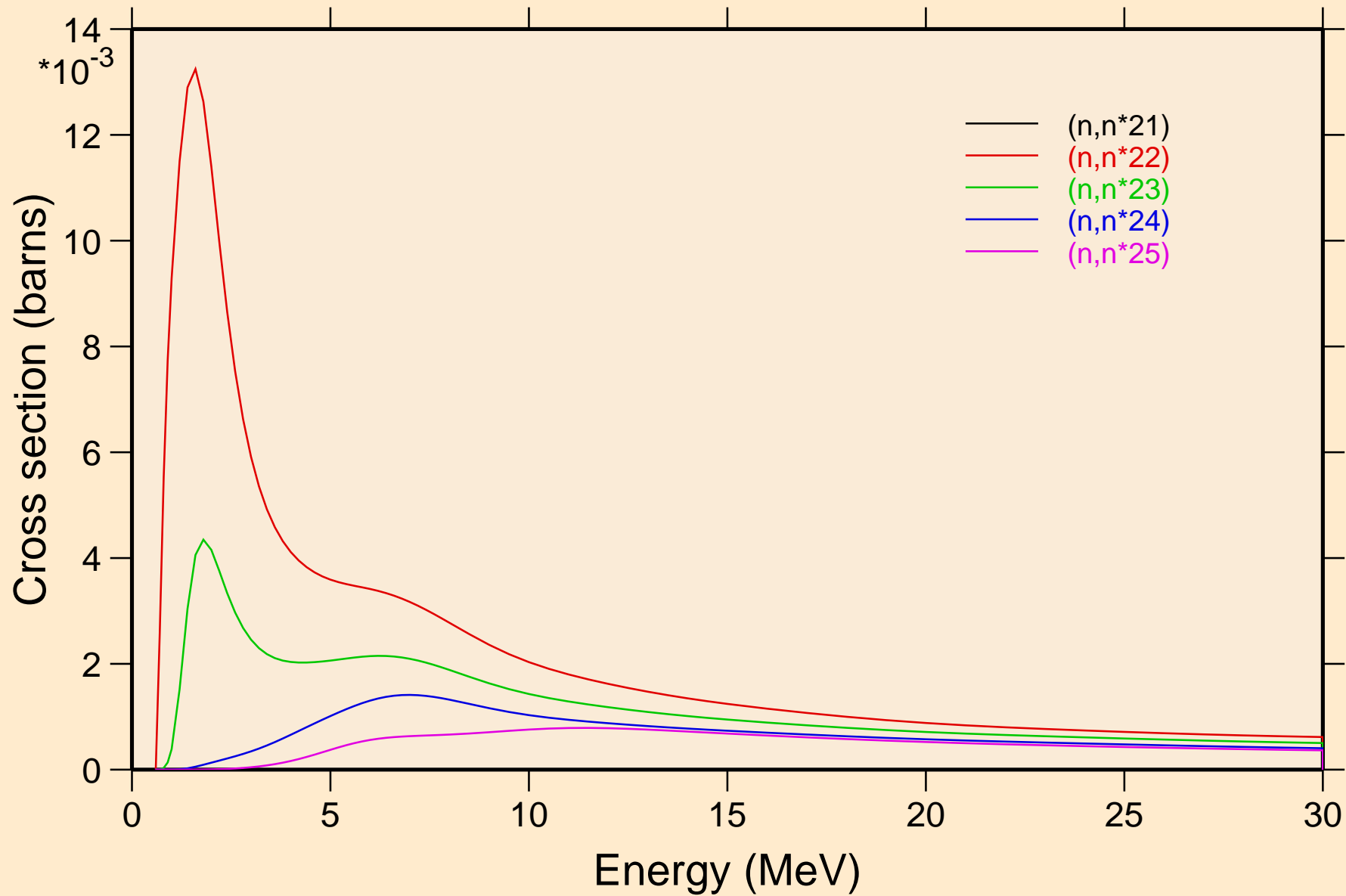
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



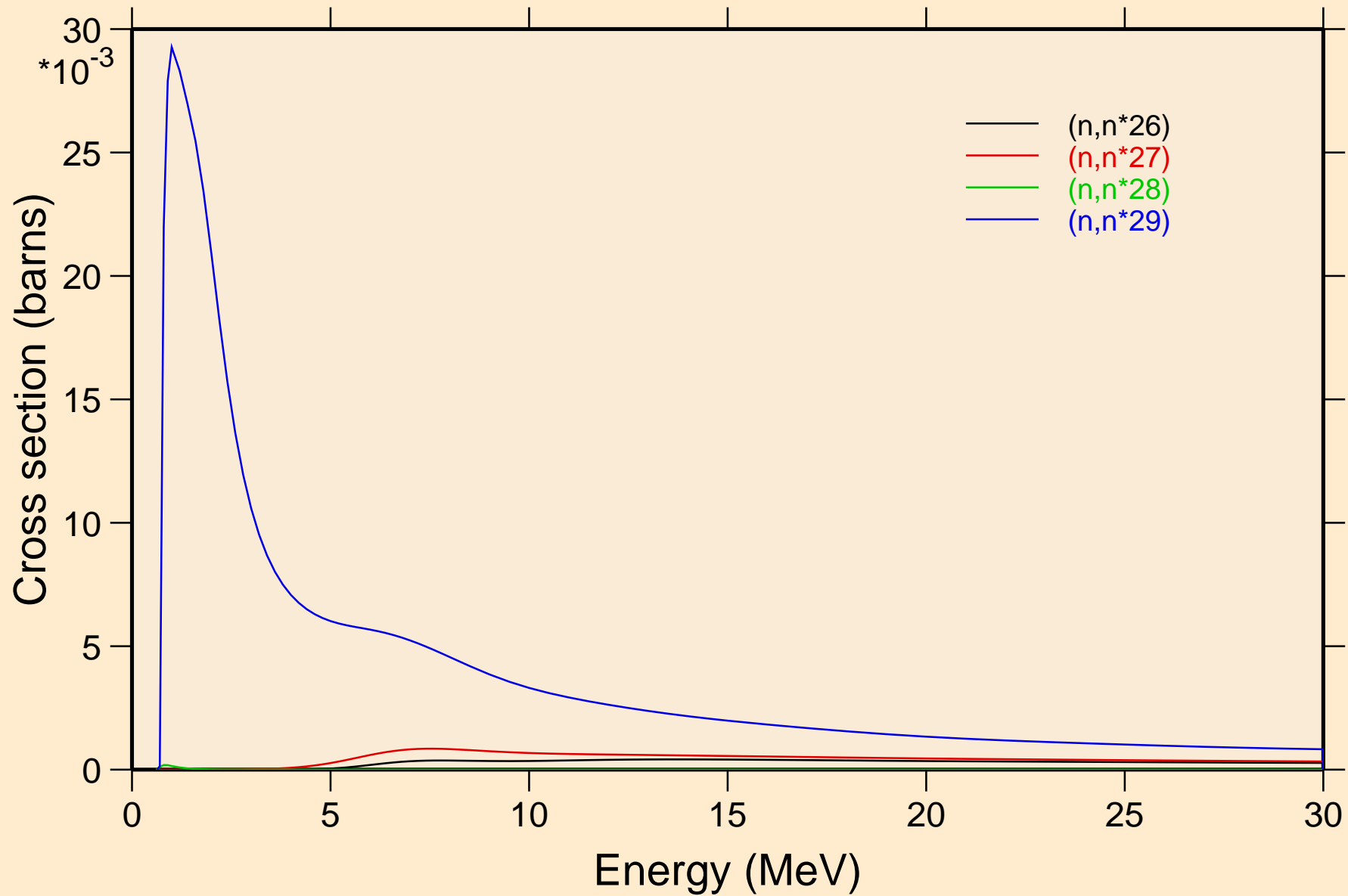
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

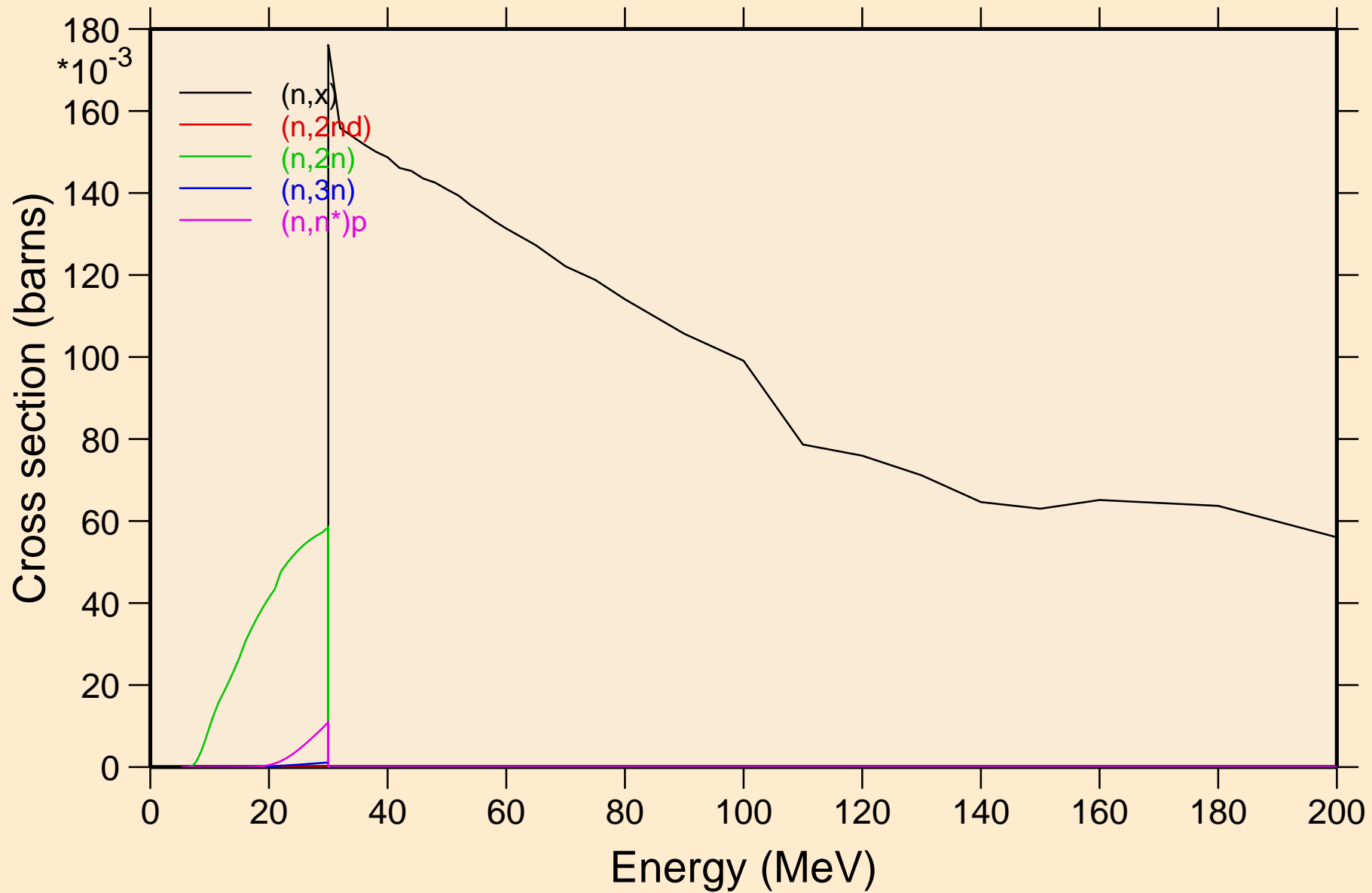


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



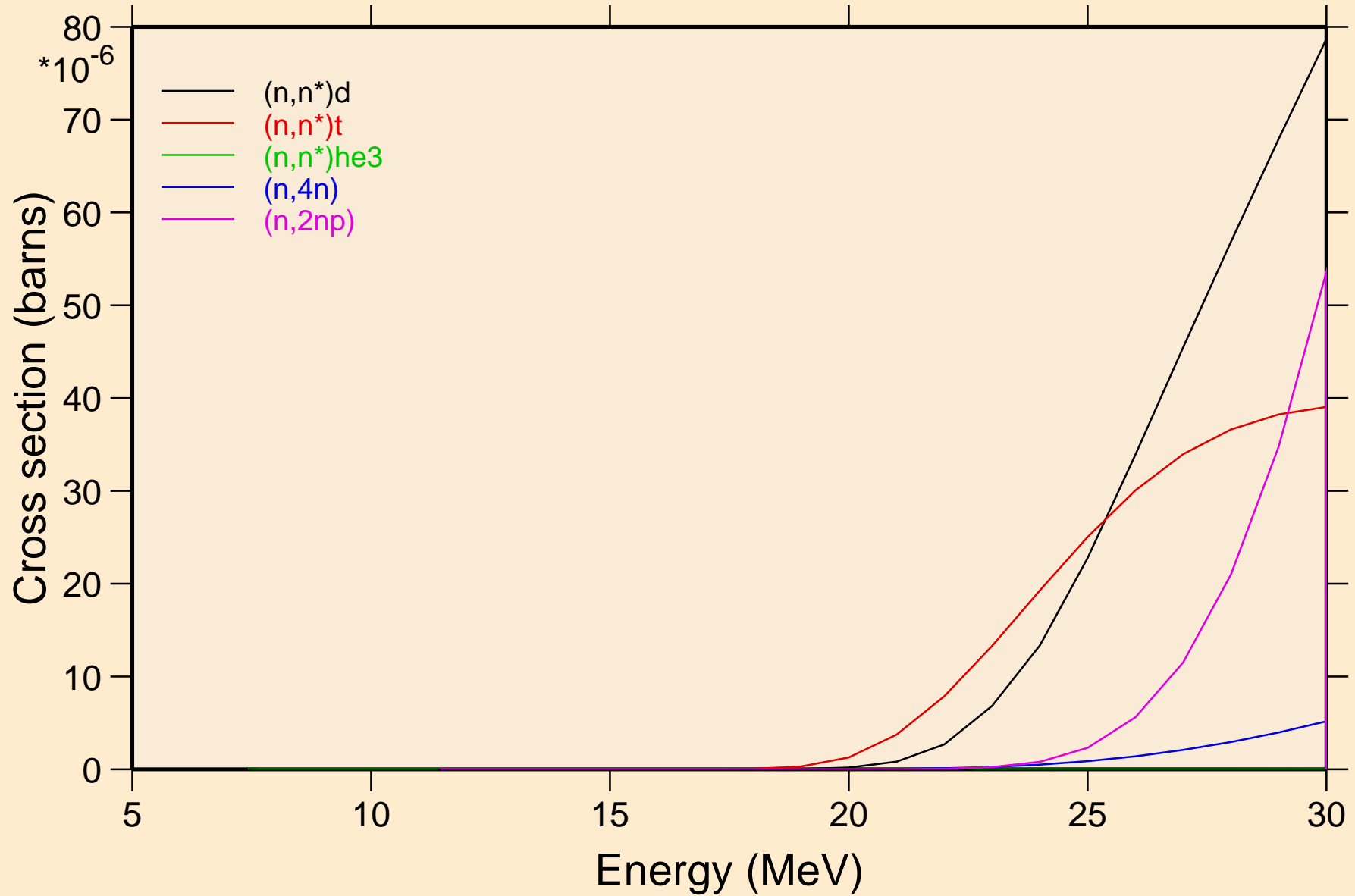
# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

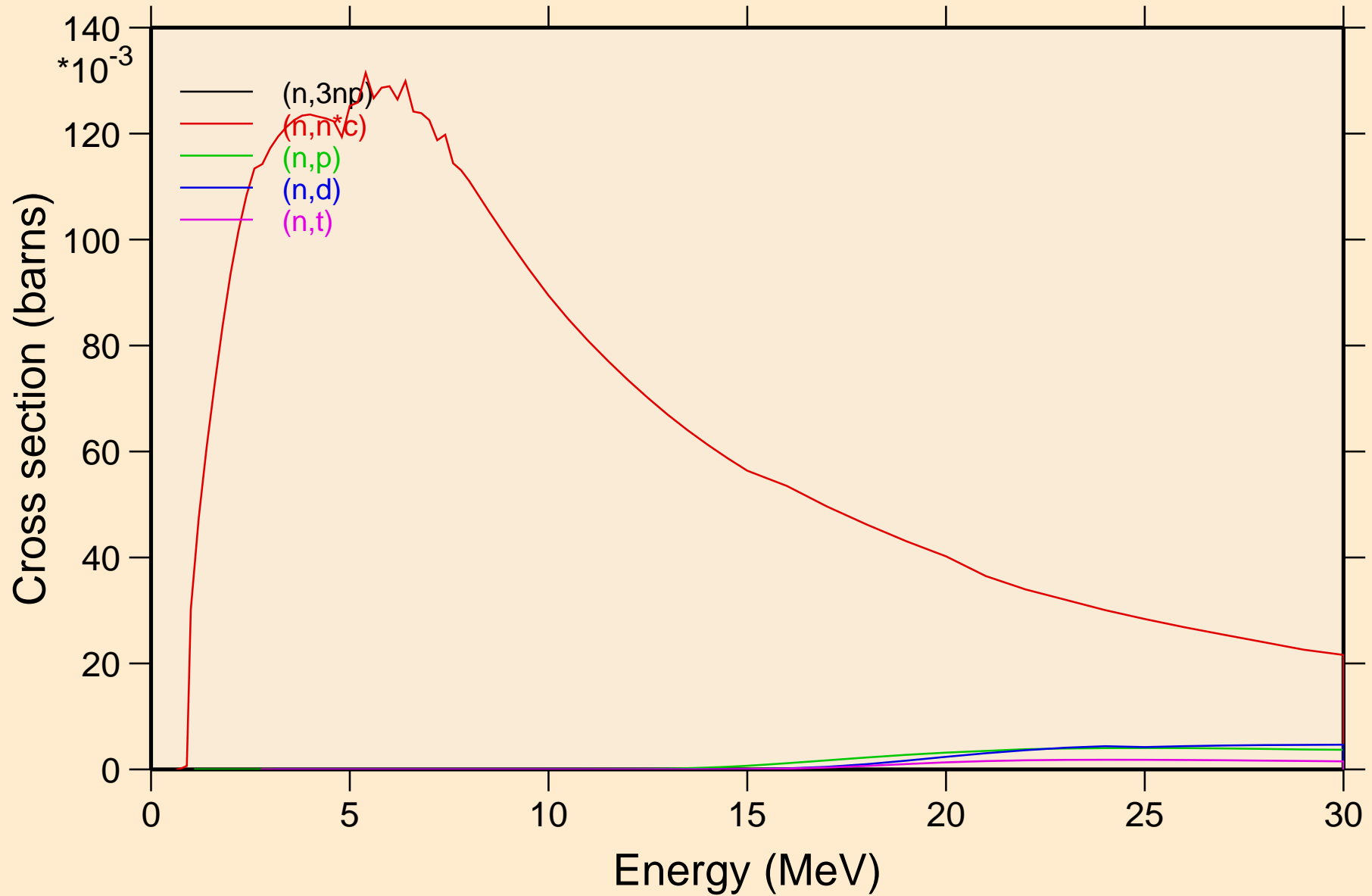
## Threshold reactions



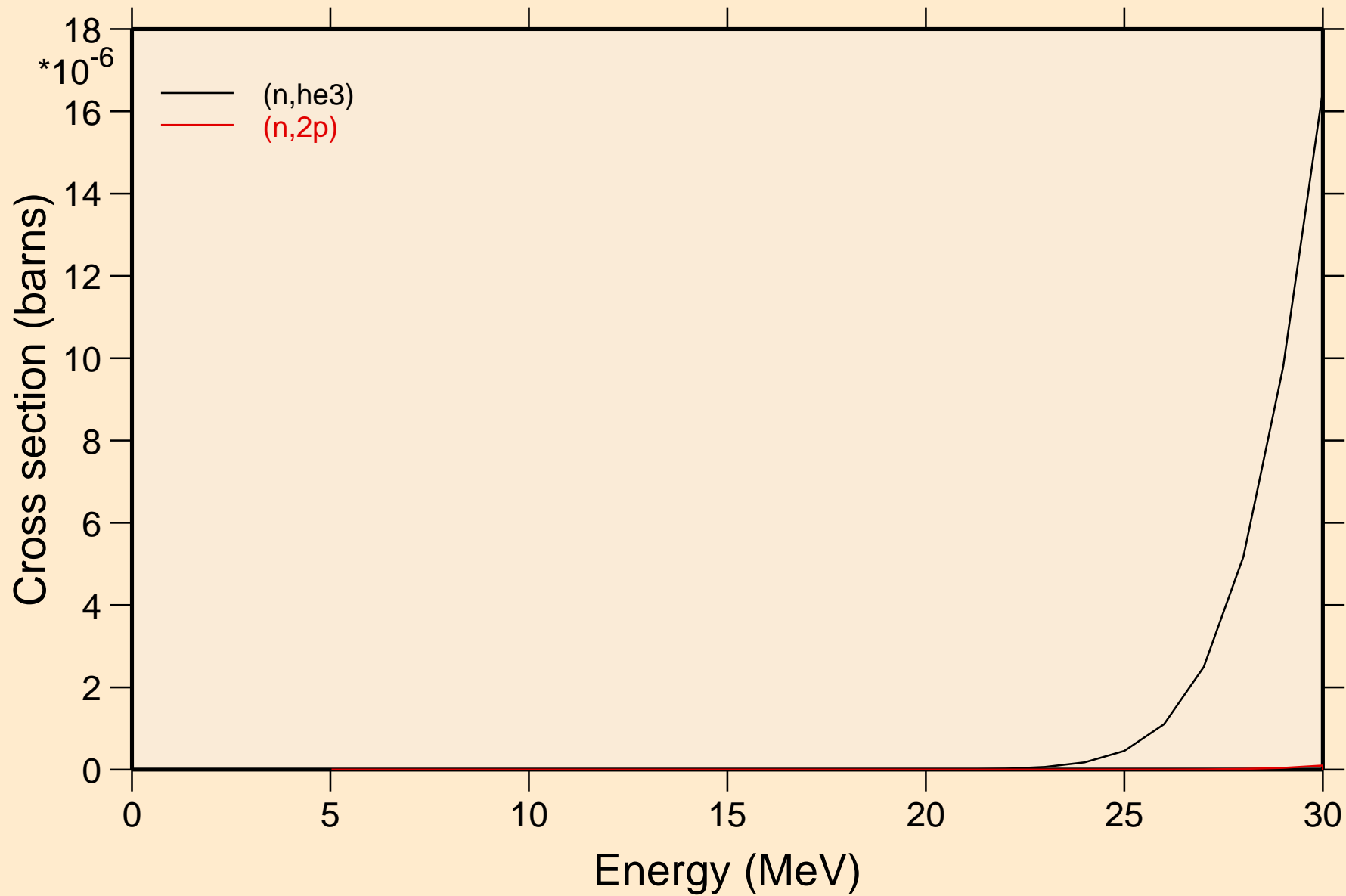


# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

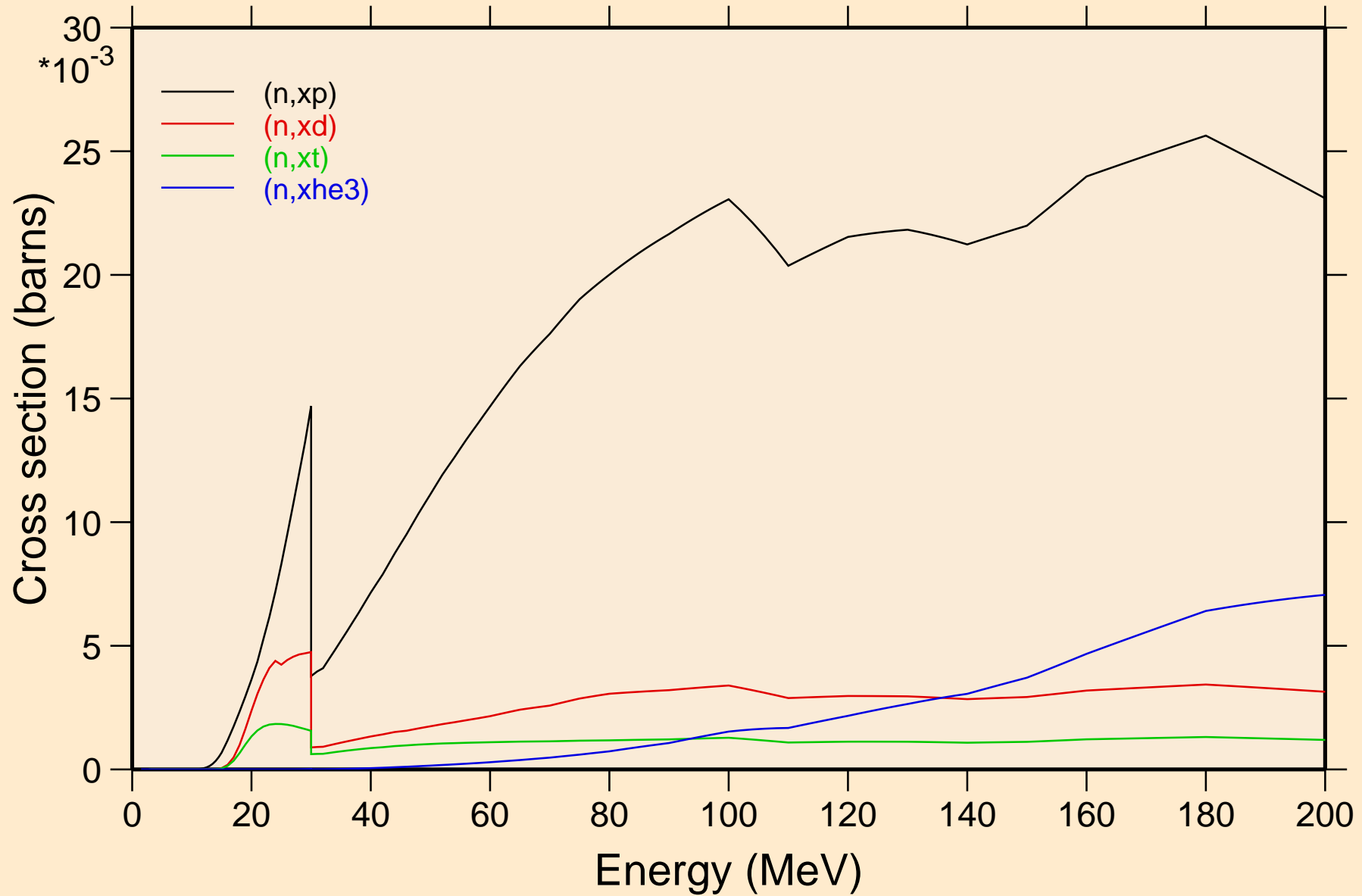


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

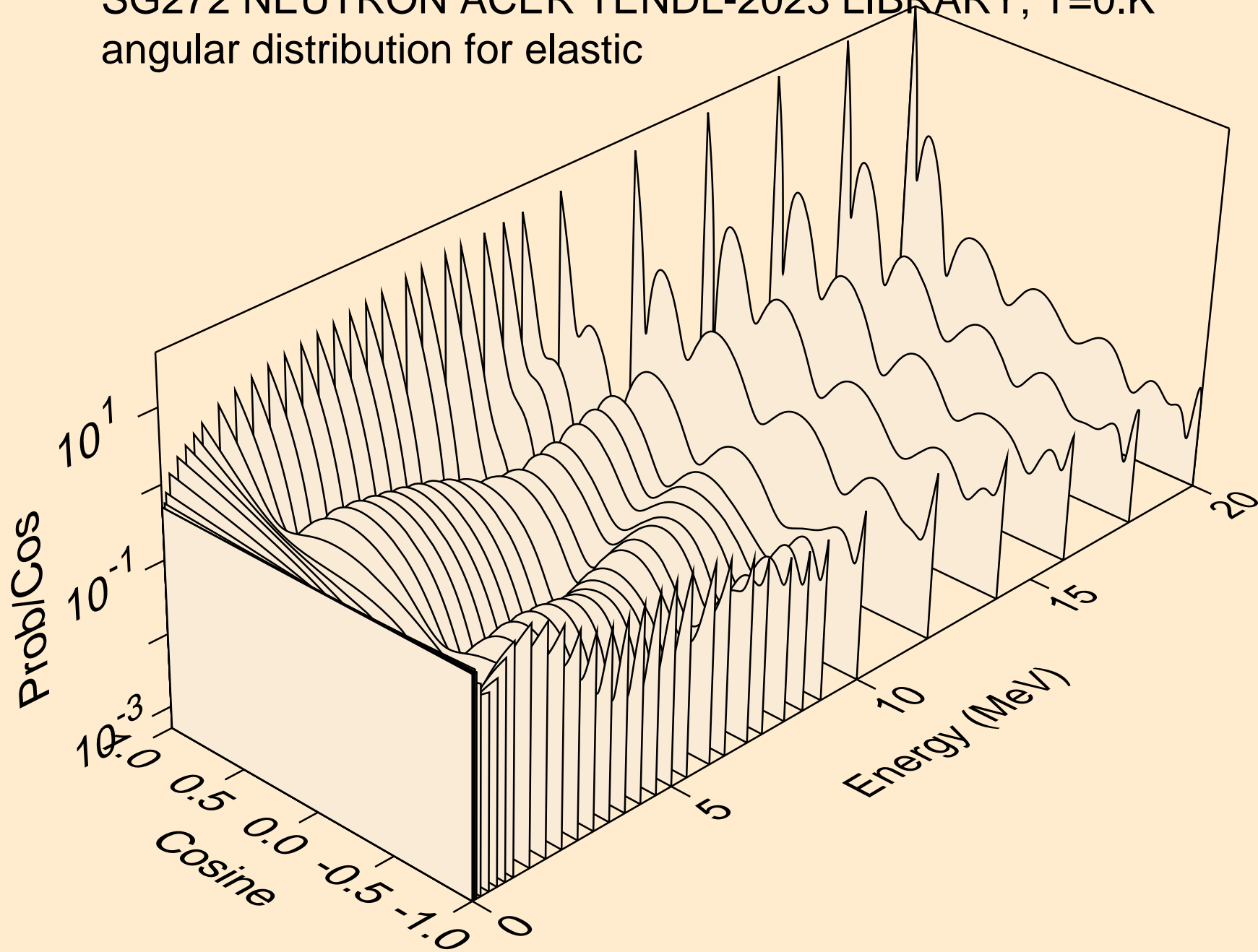


# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

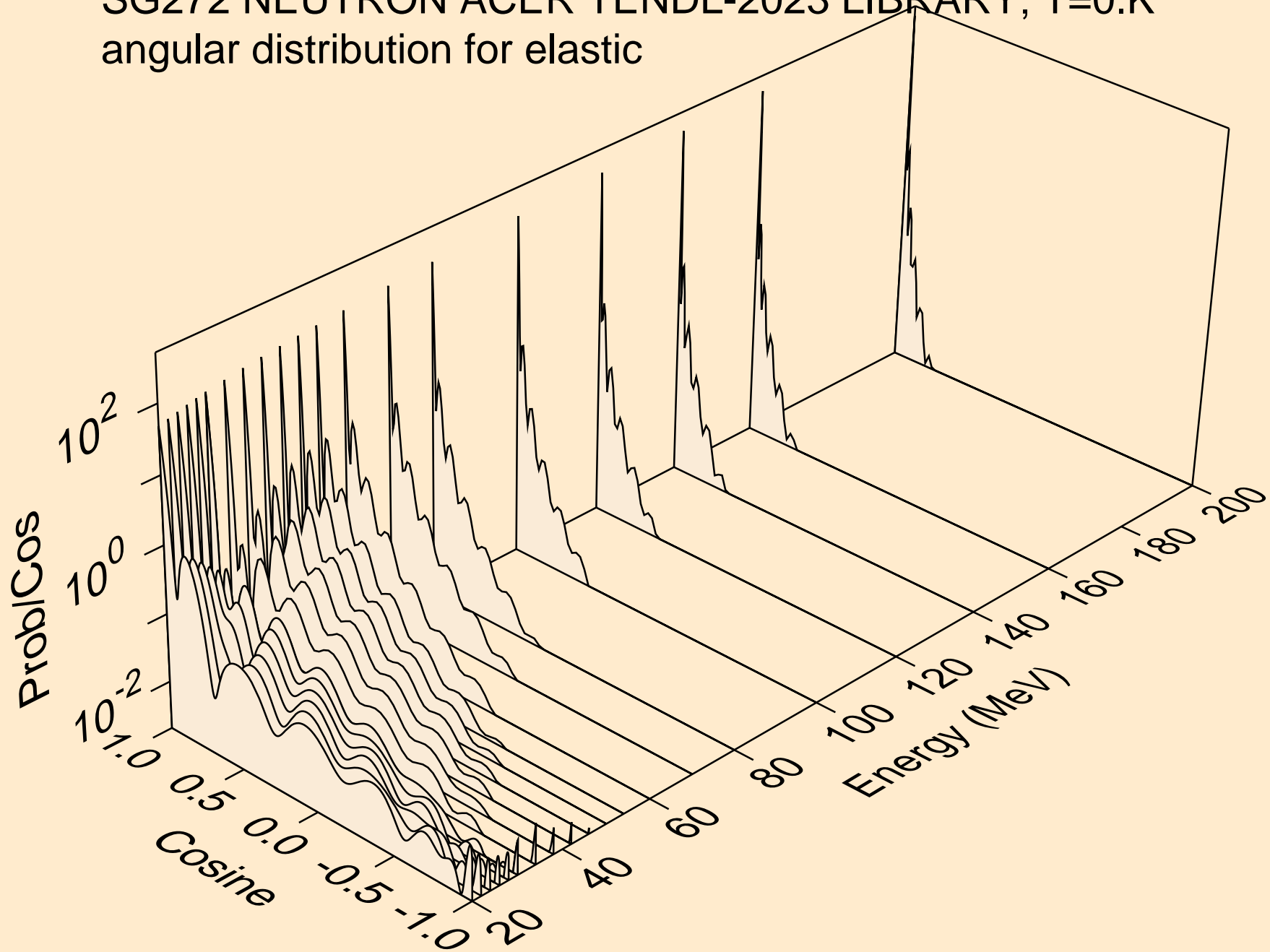
## Threshold reactions



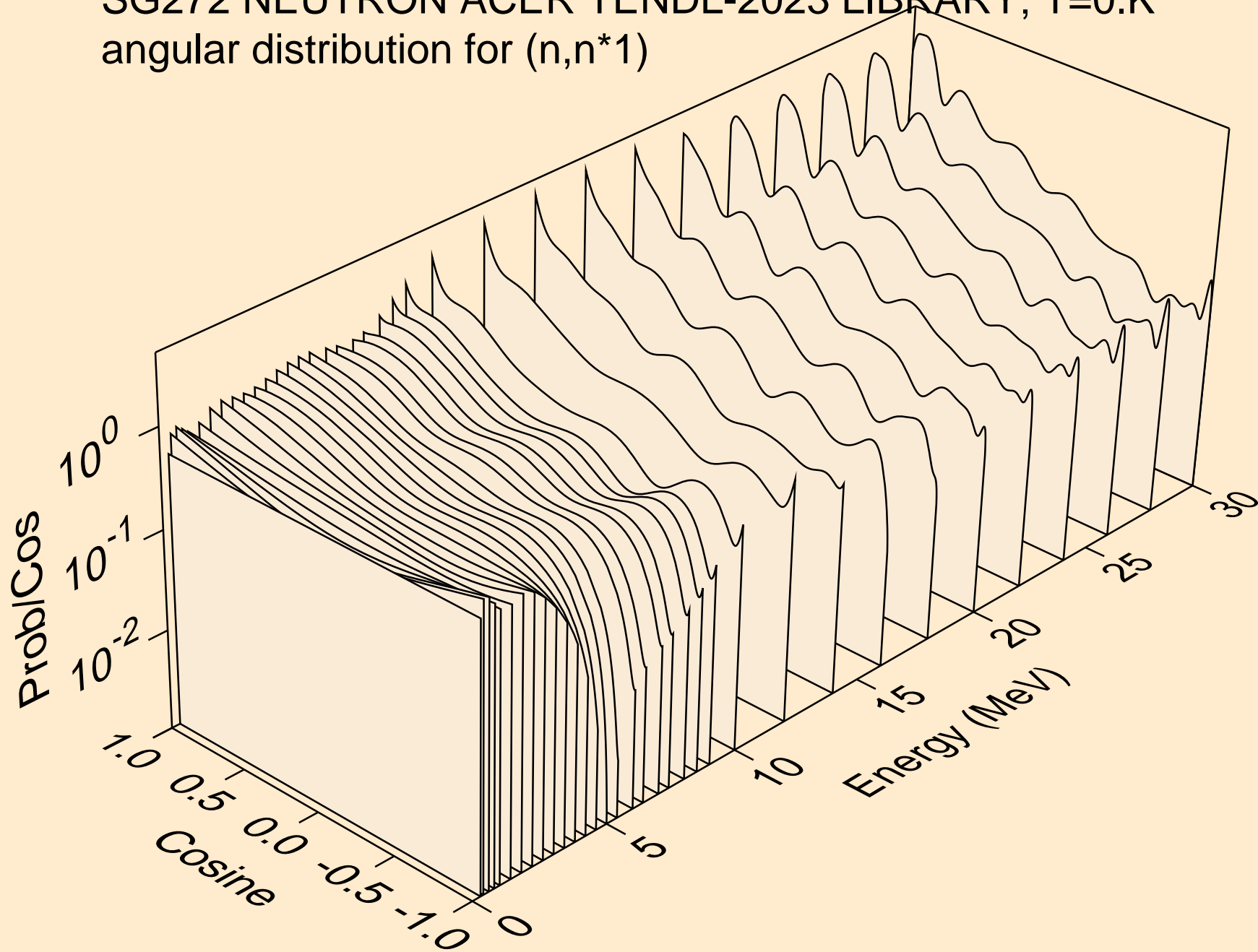
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



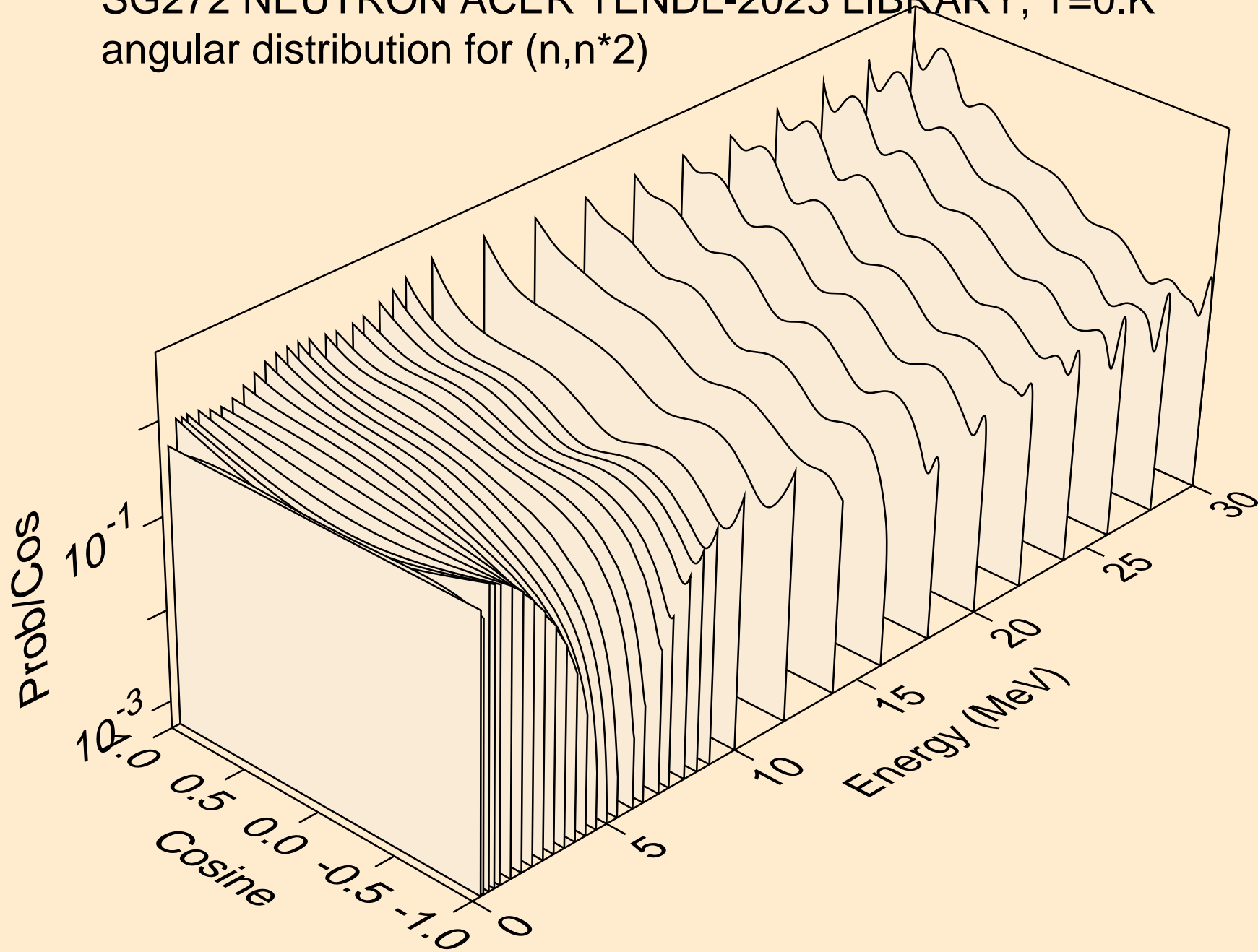
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



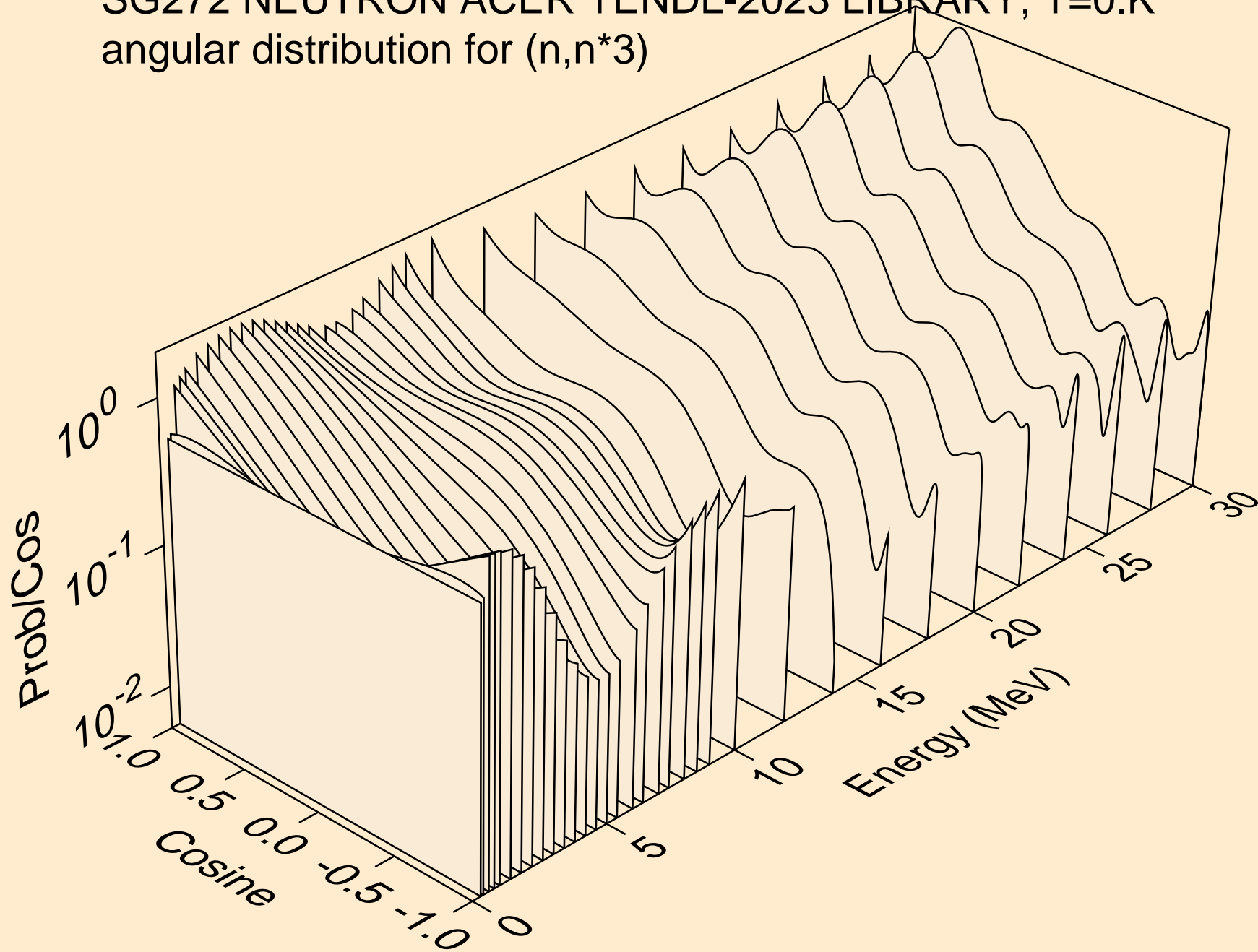
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

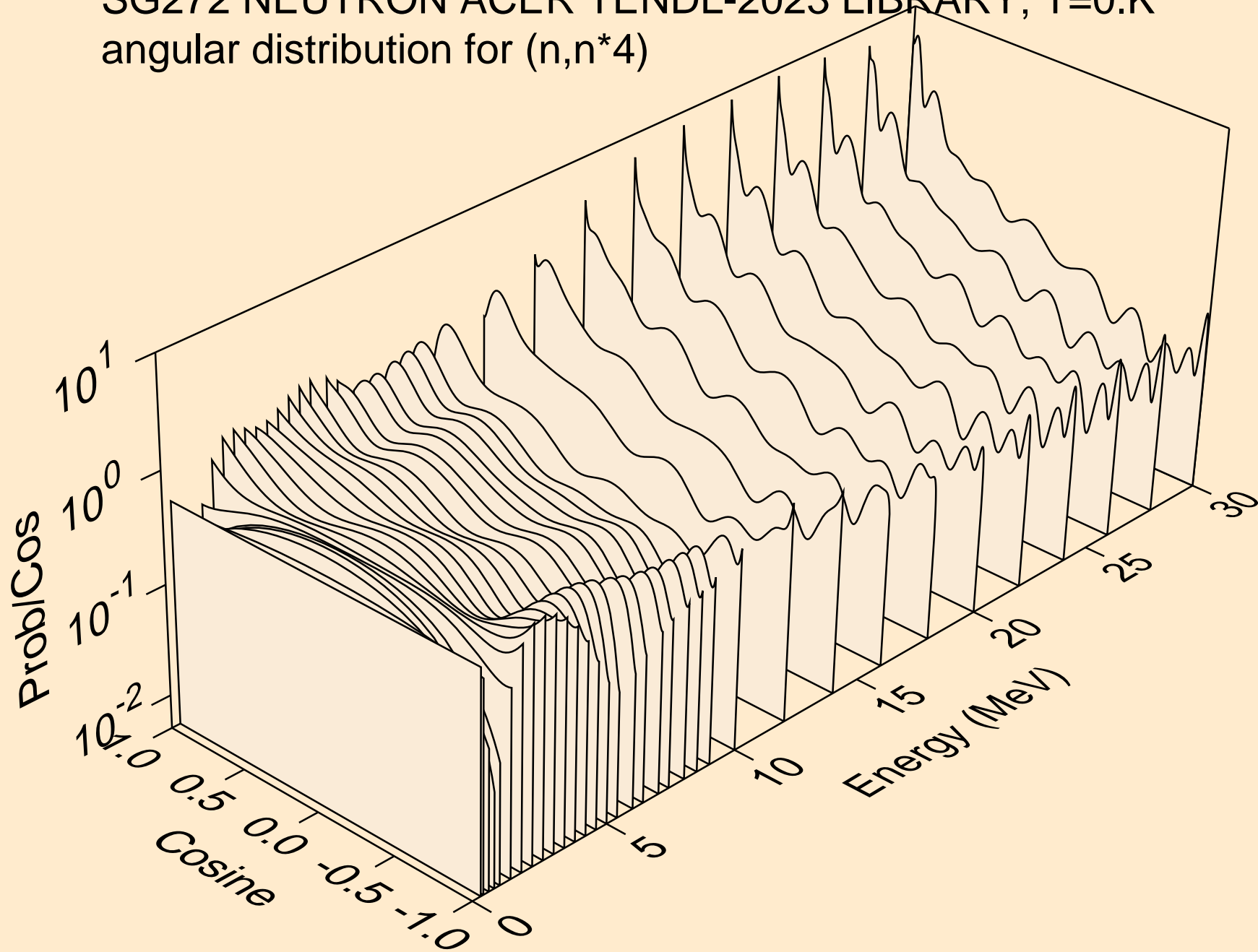


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

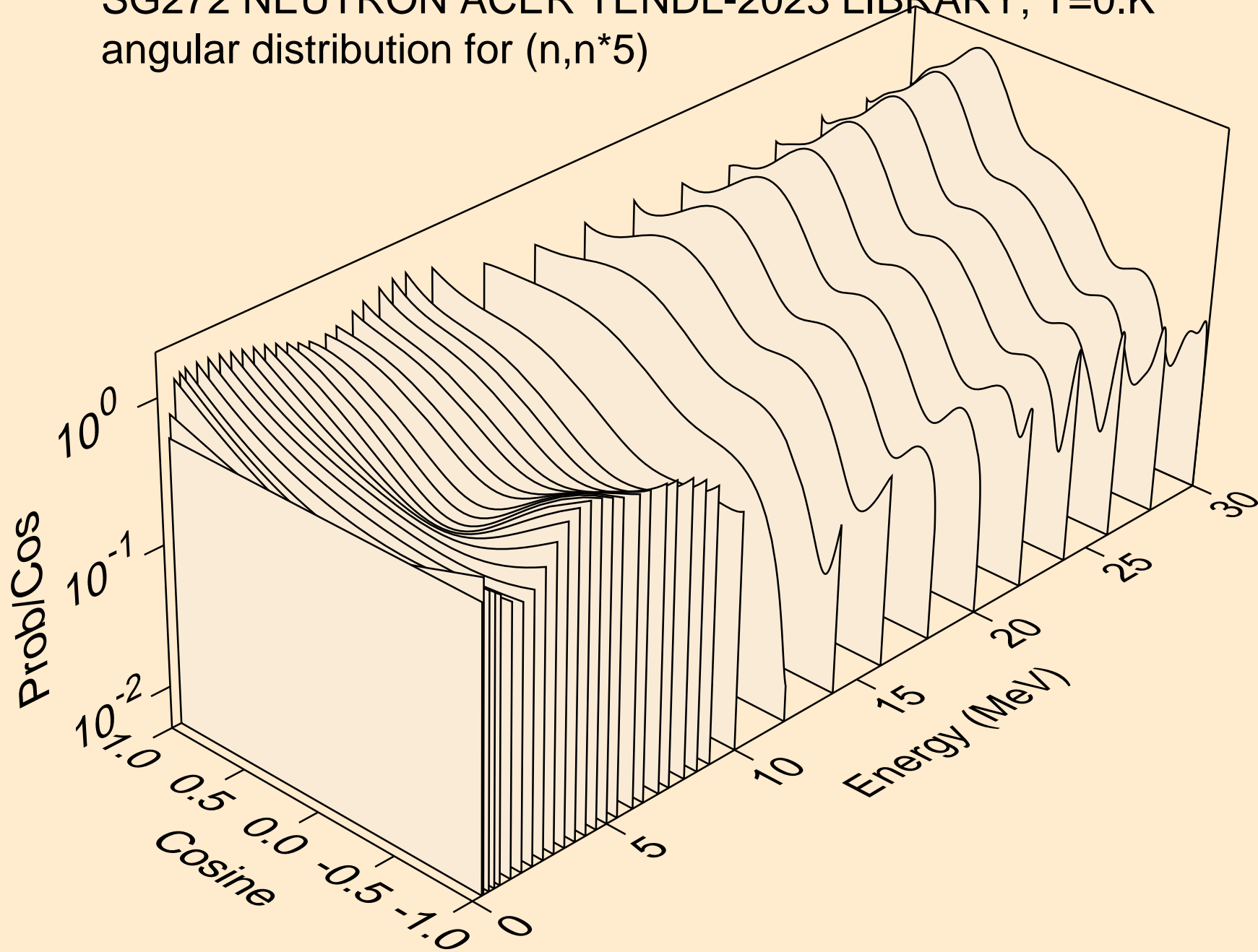




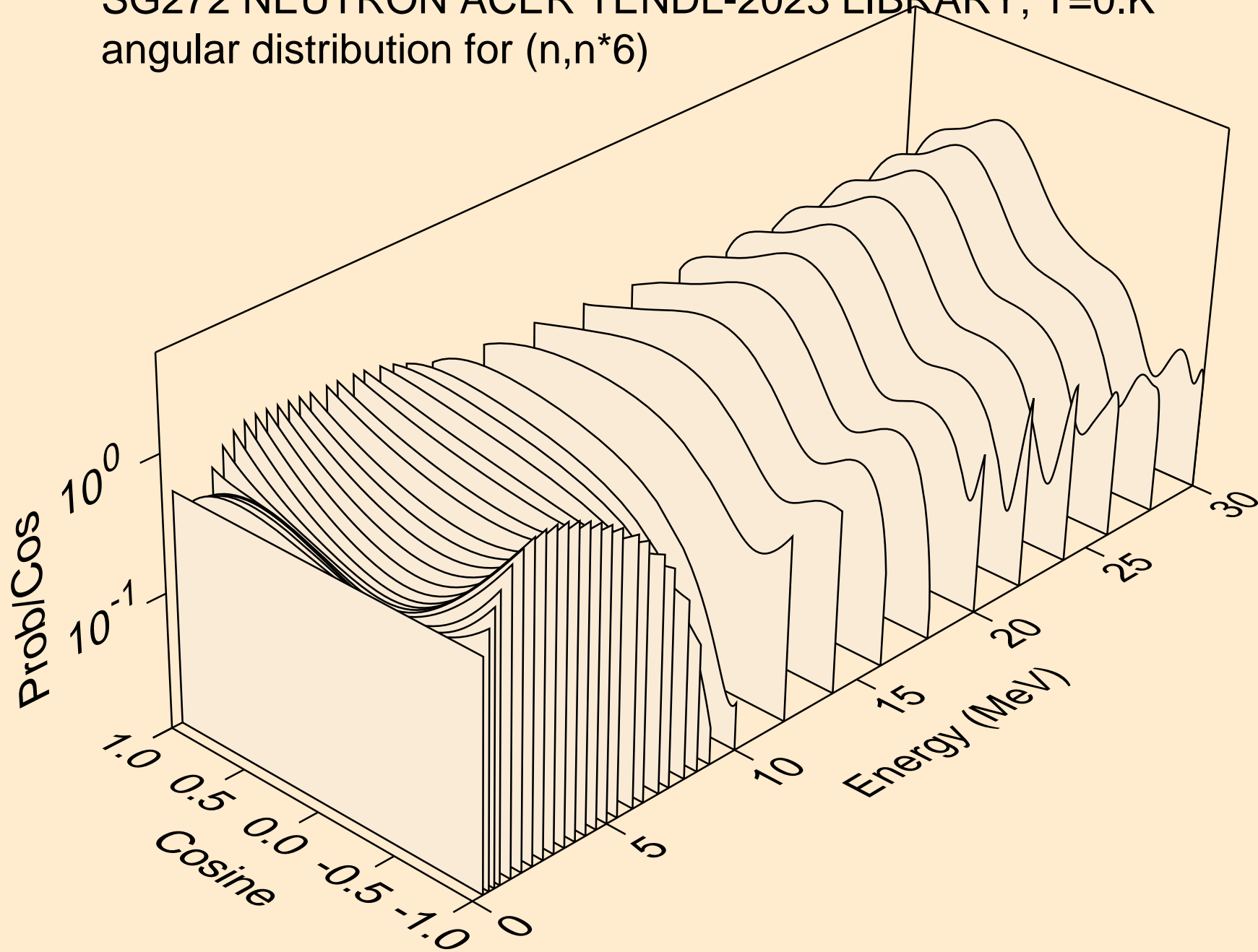
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



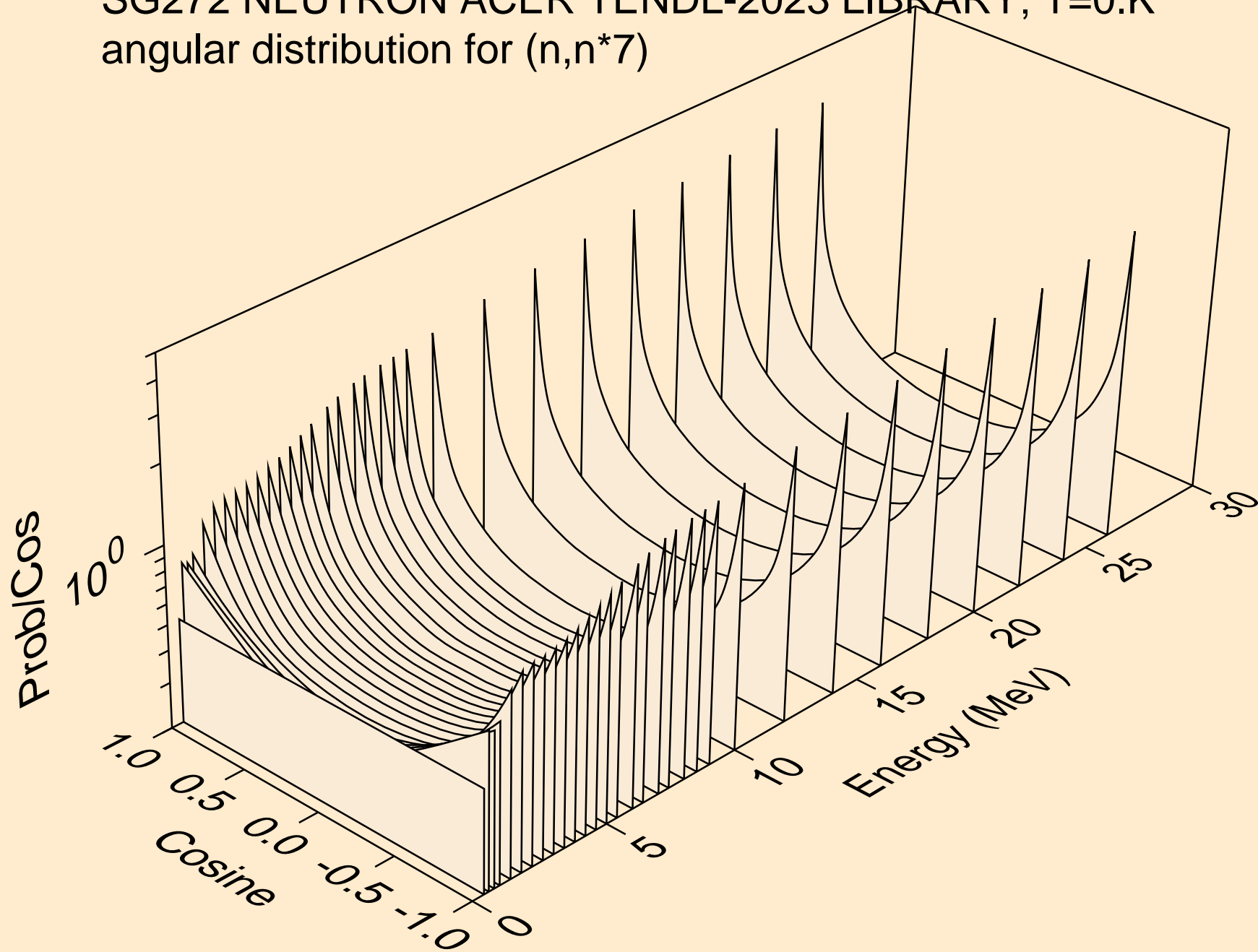
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



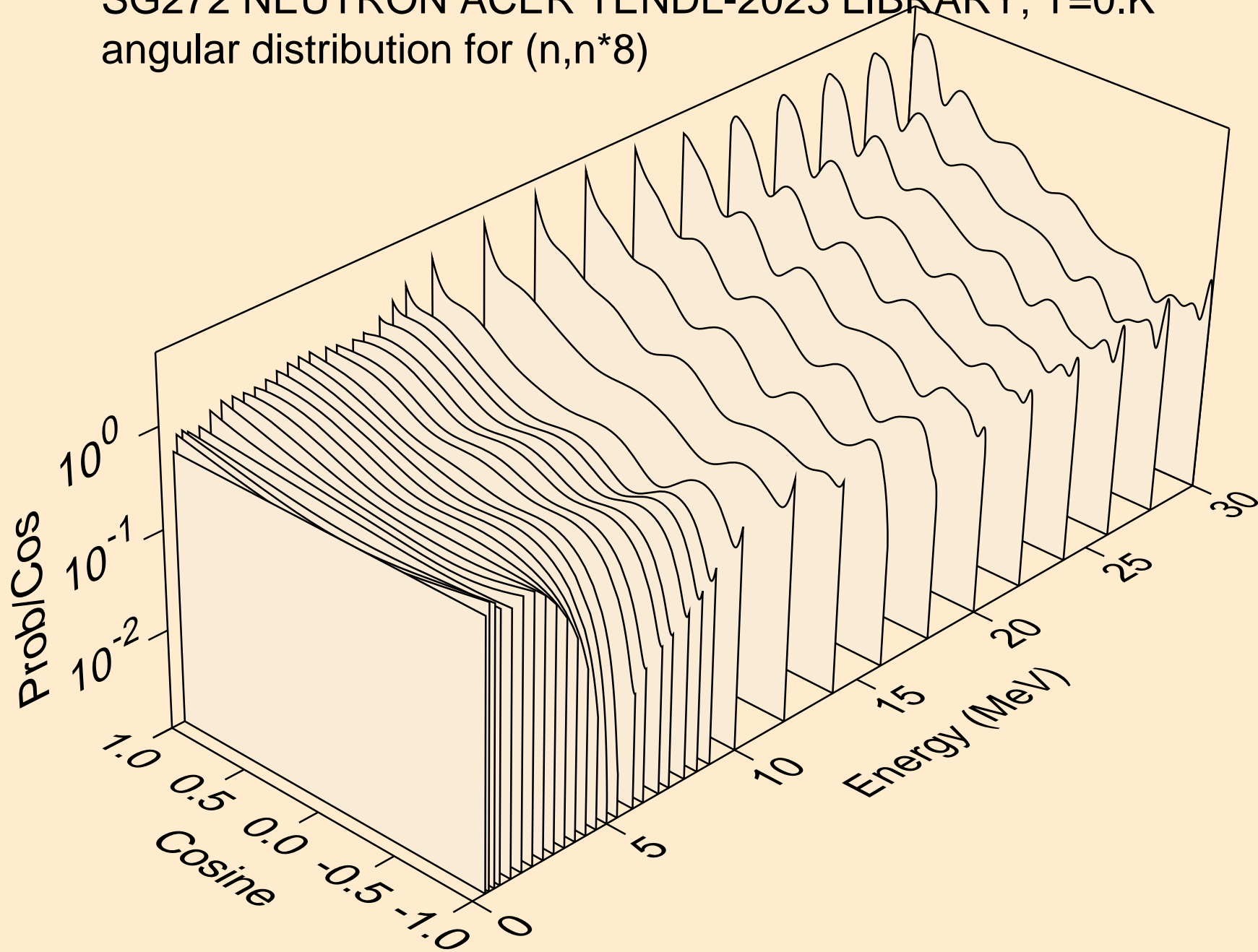
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



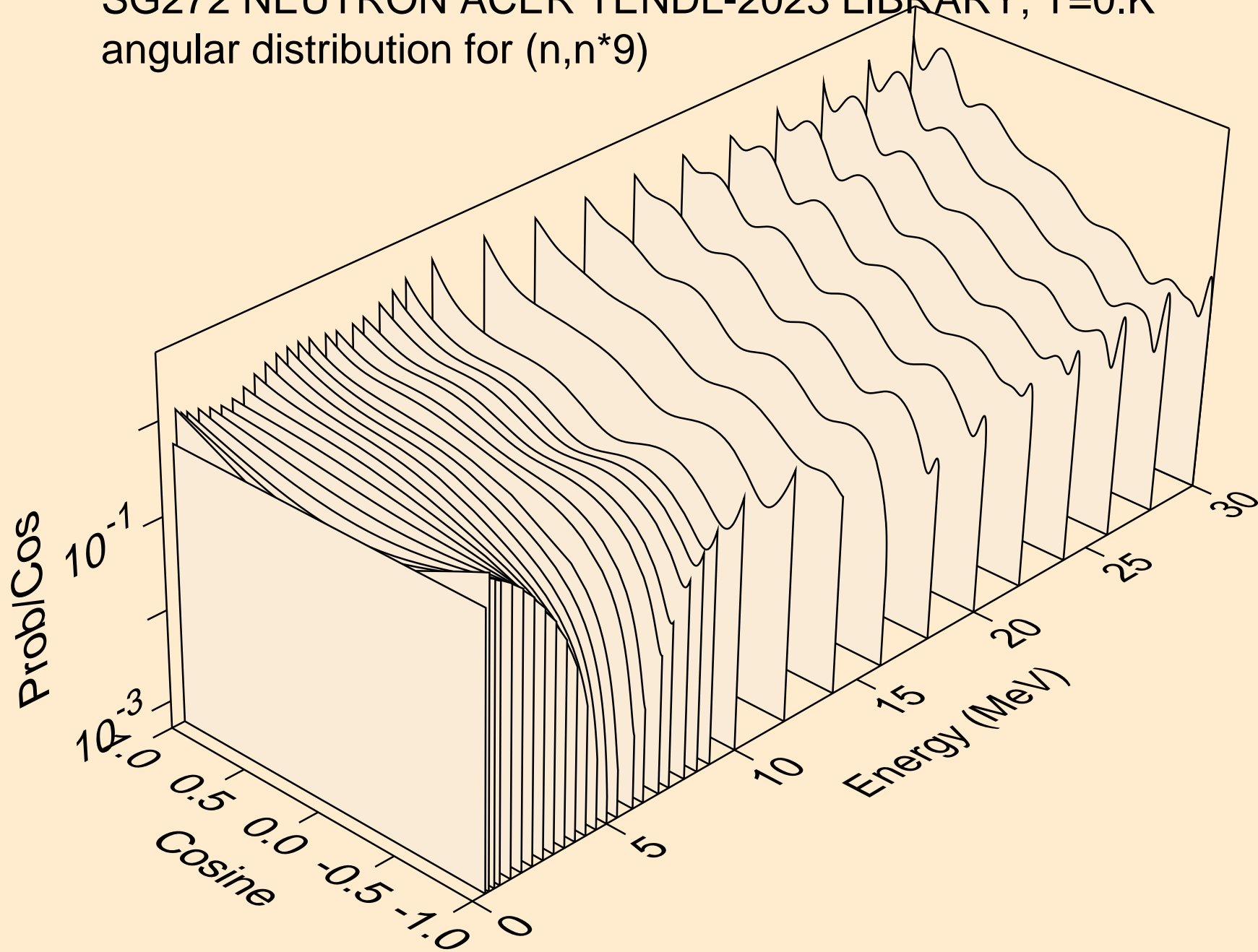
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



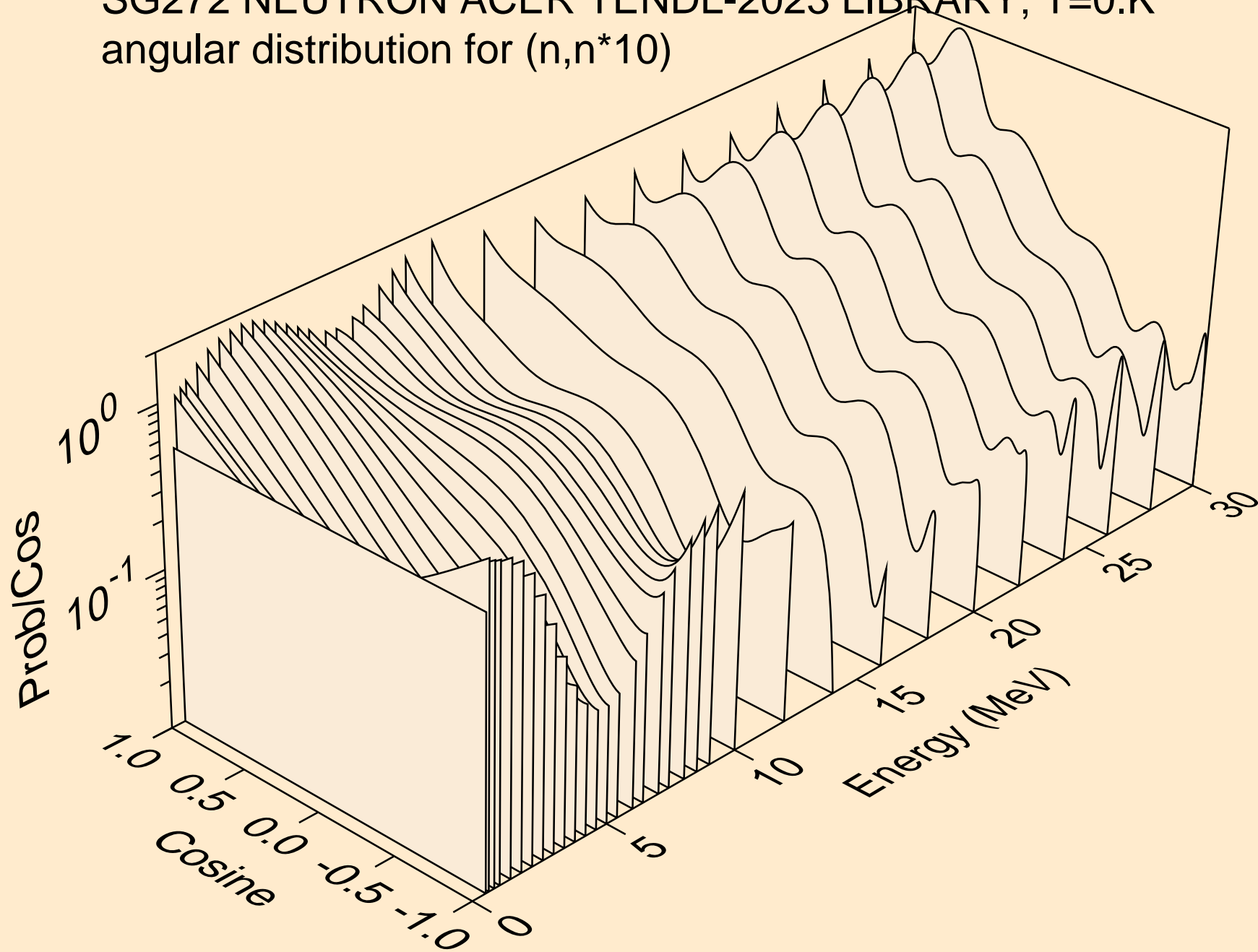
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



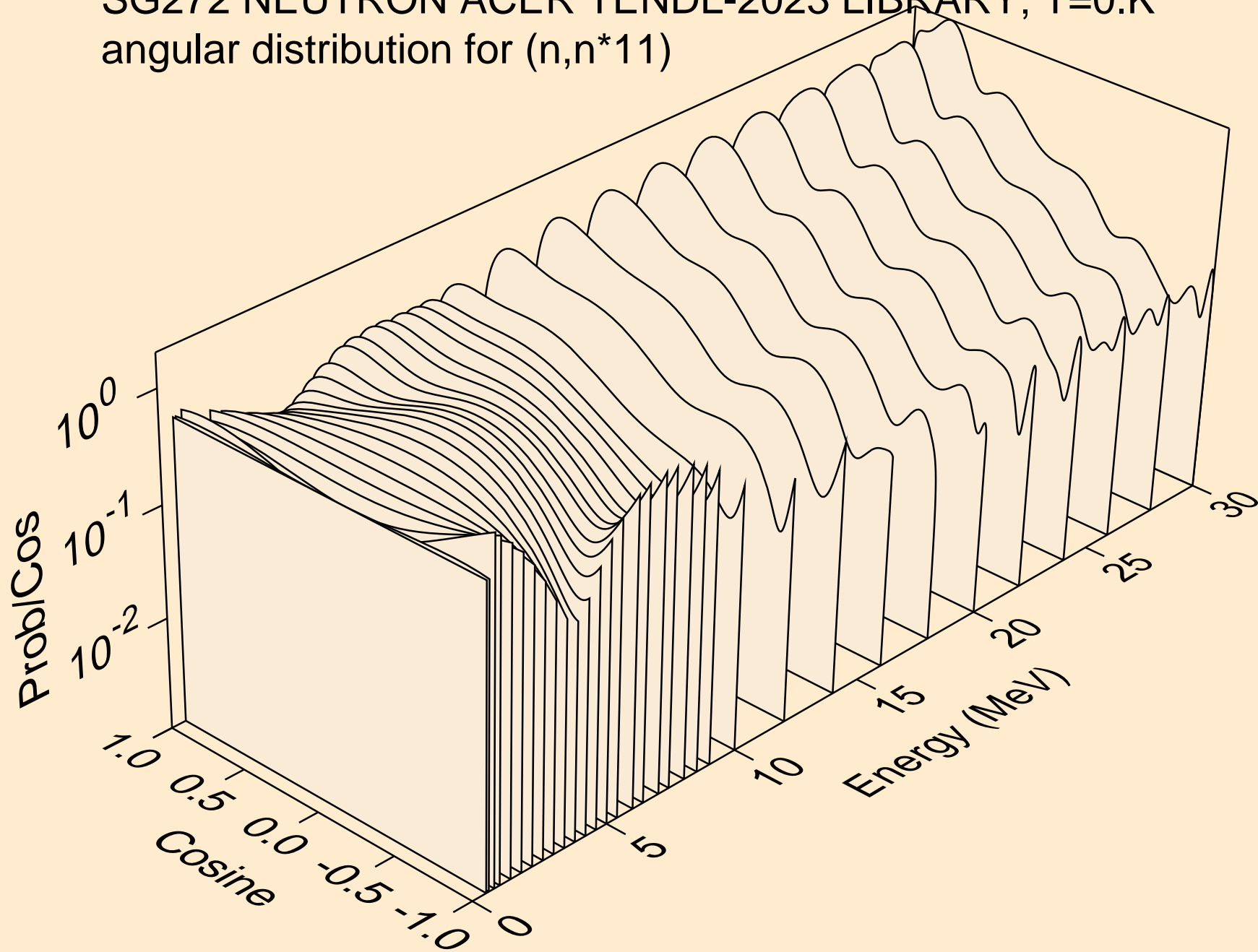
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

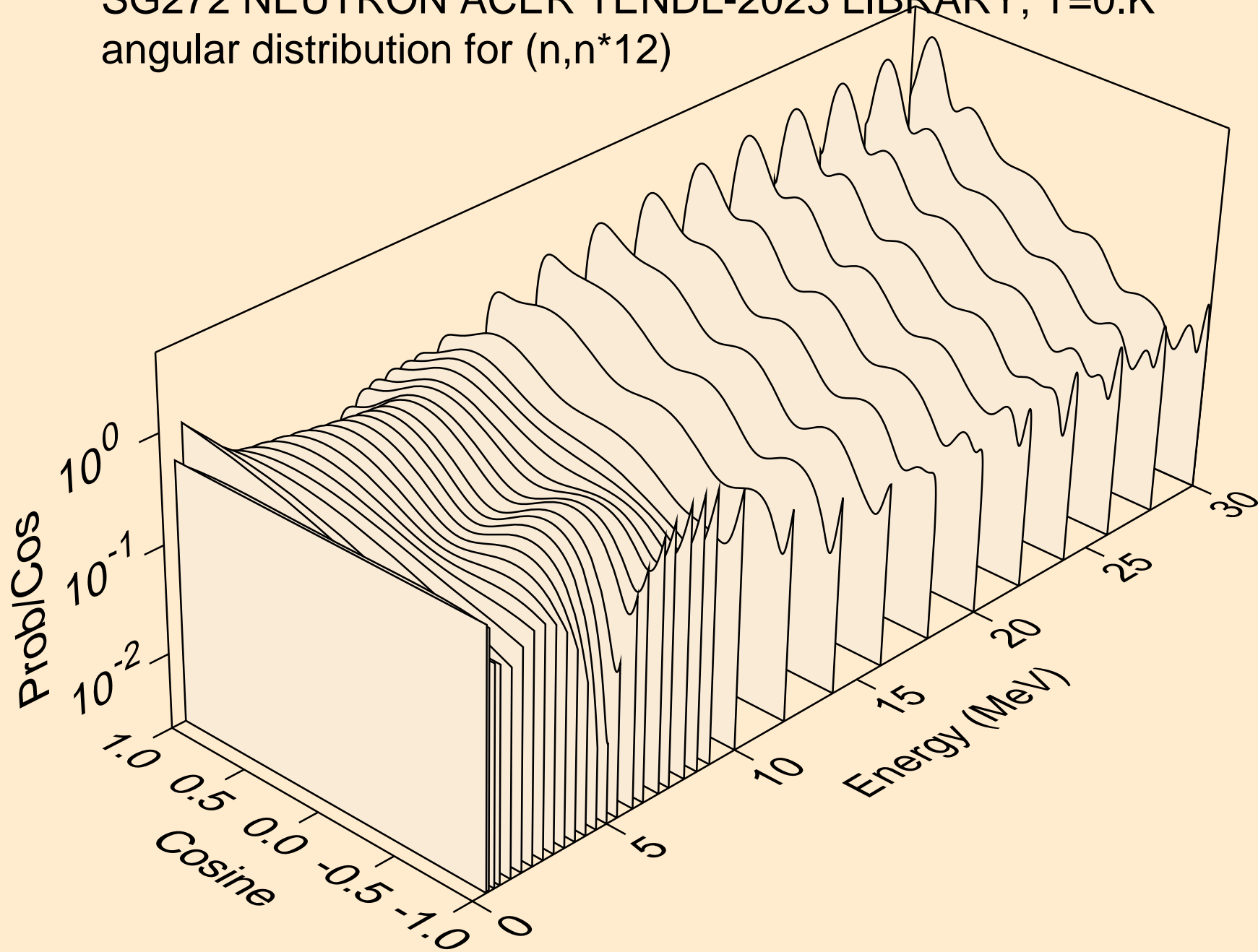


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

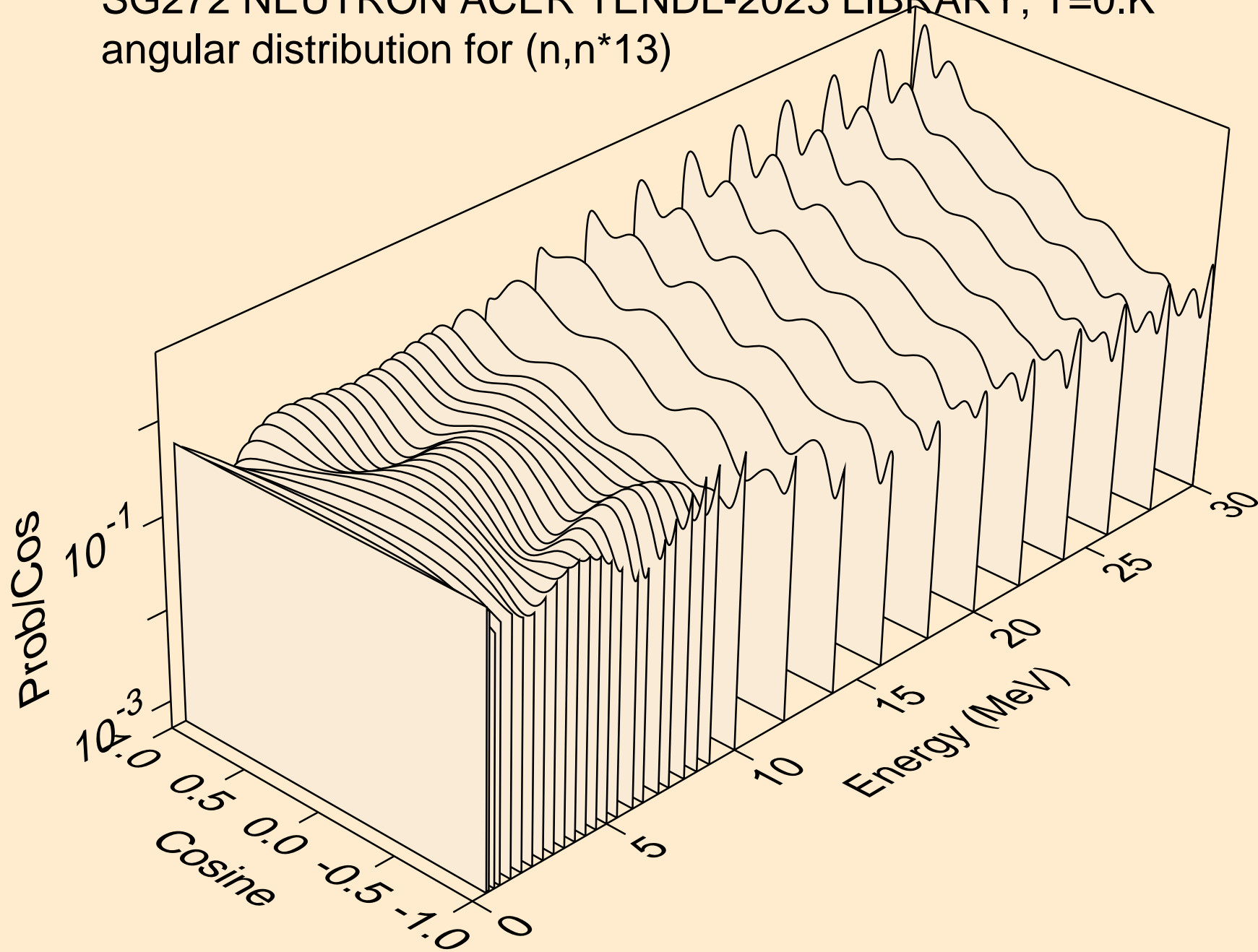




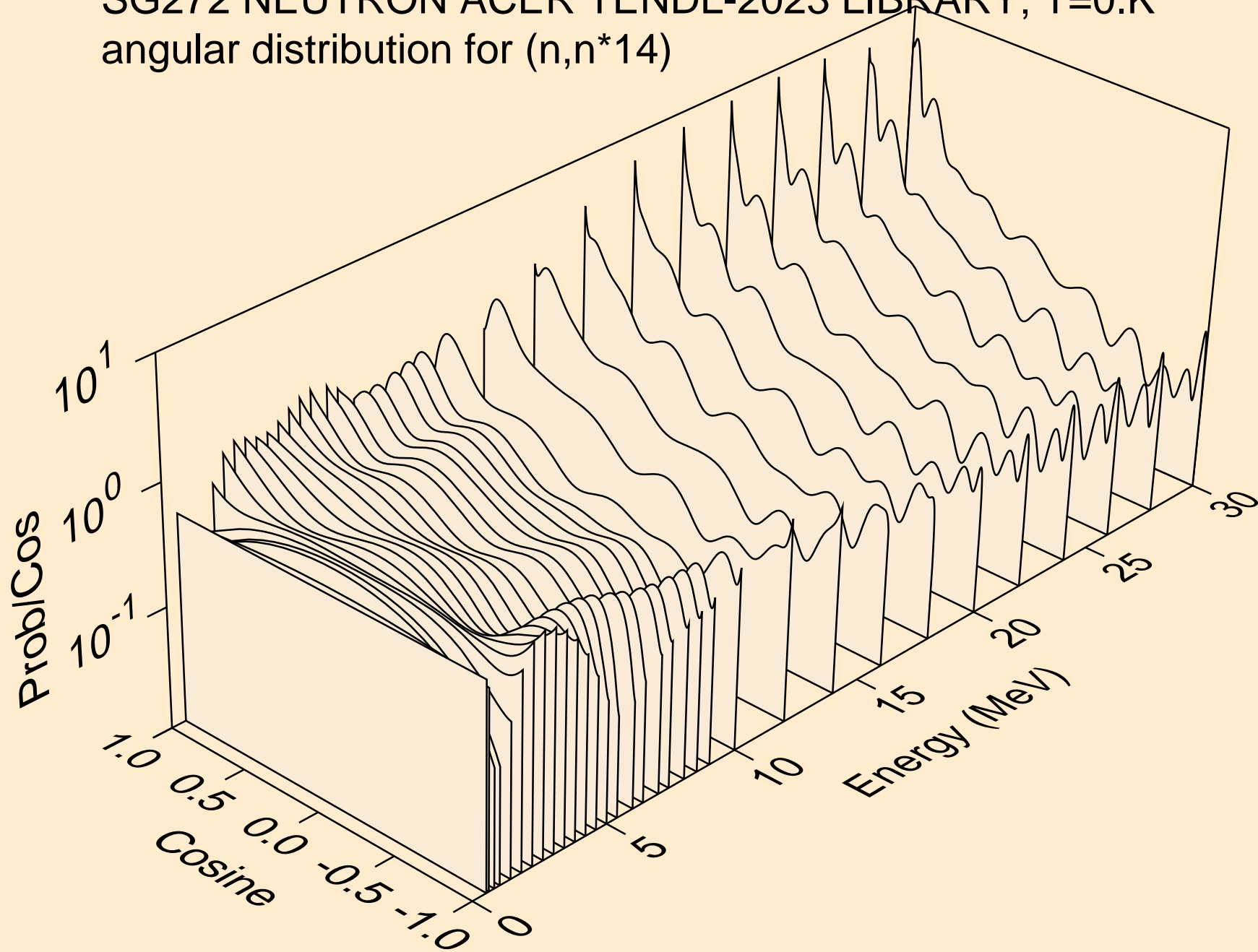
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



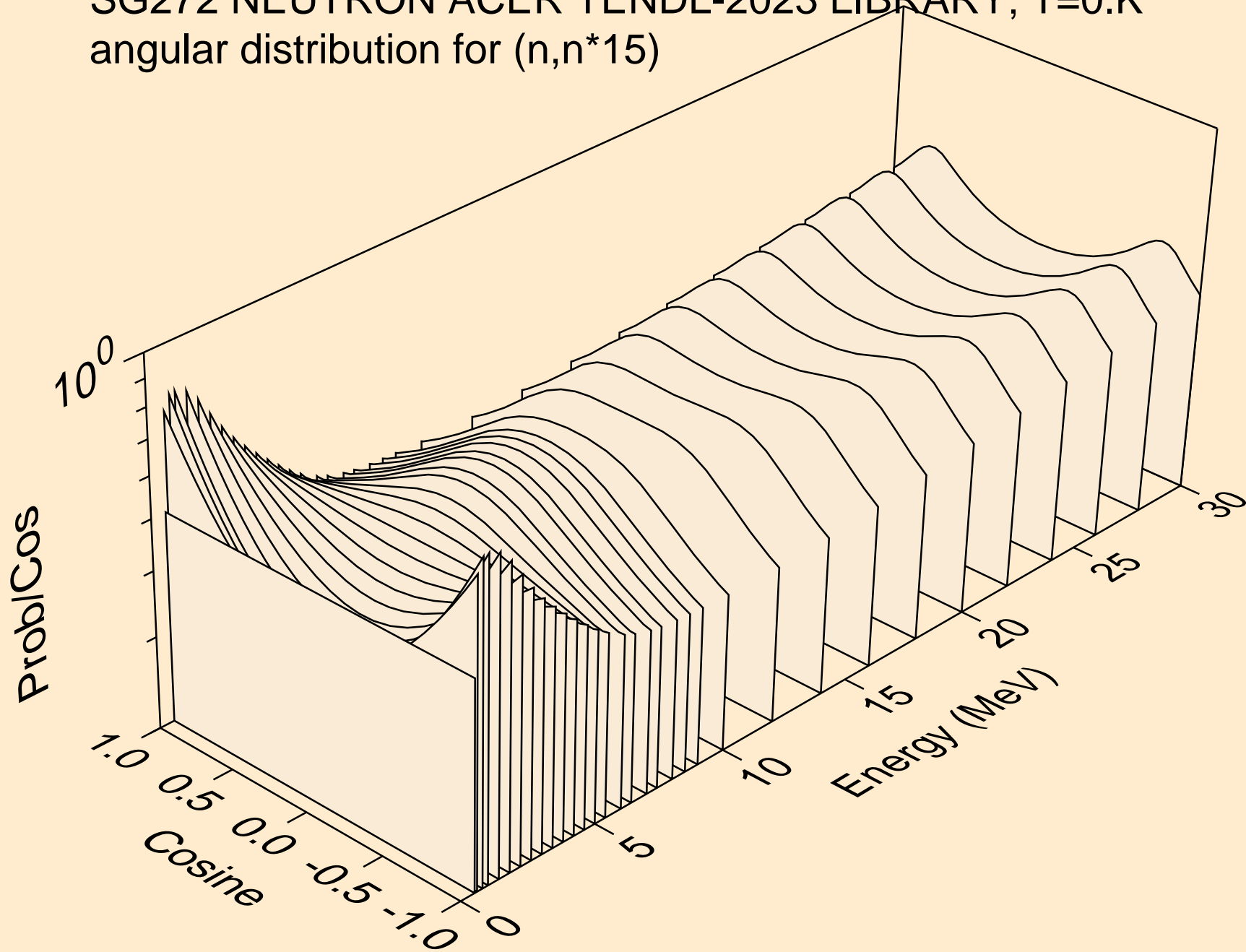
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



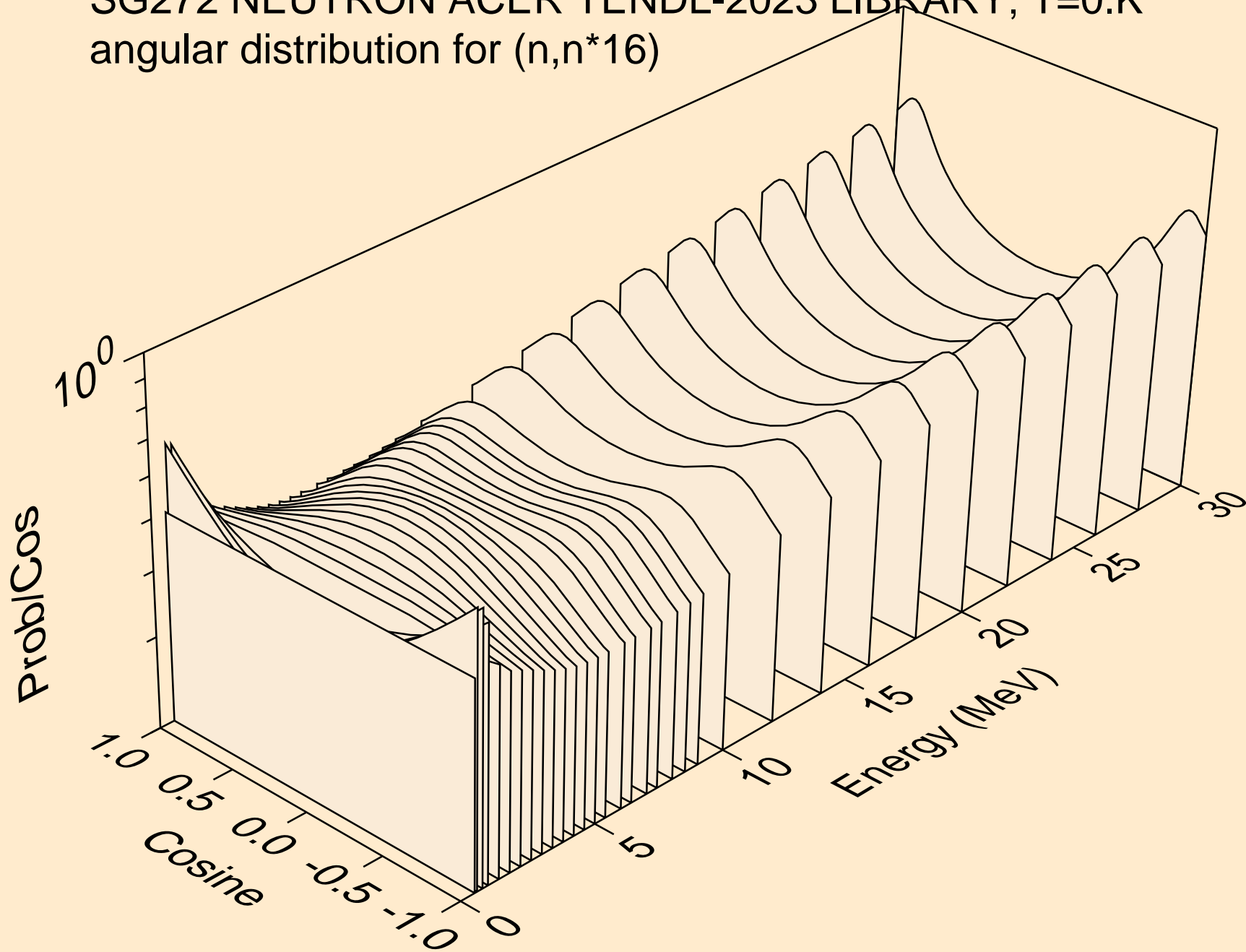
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angular distribution for (n,n\*14)



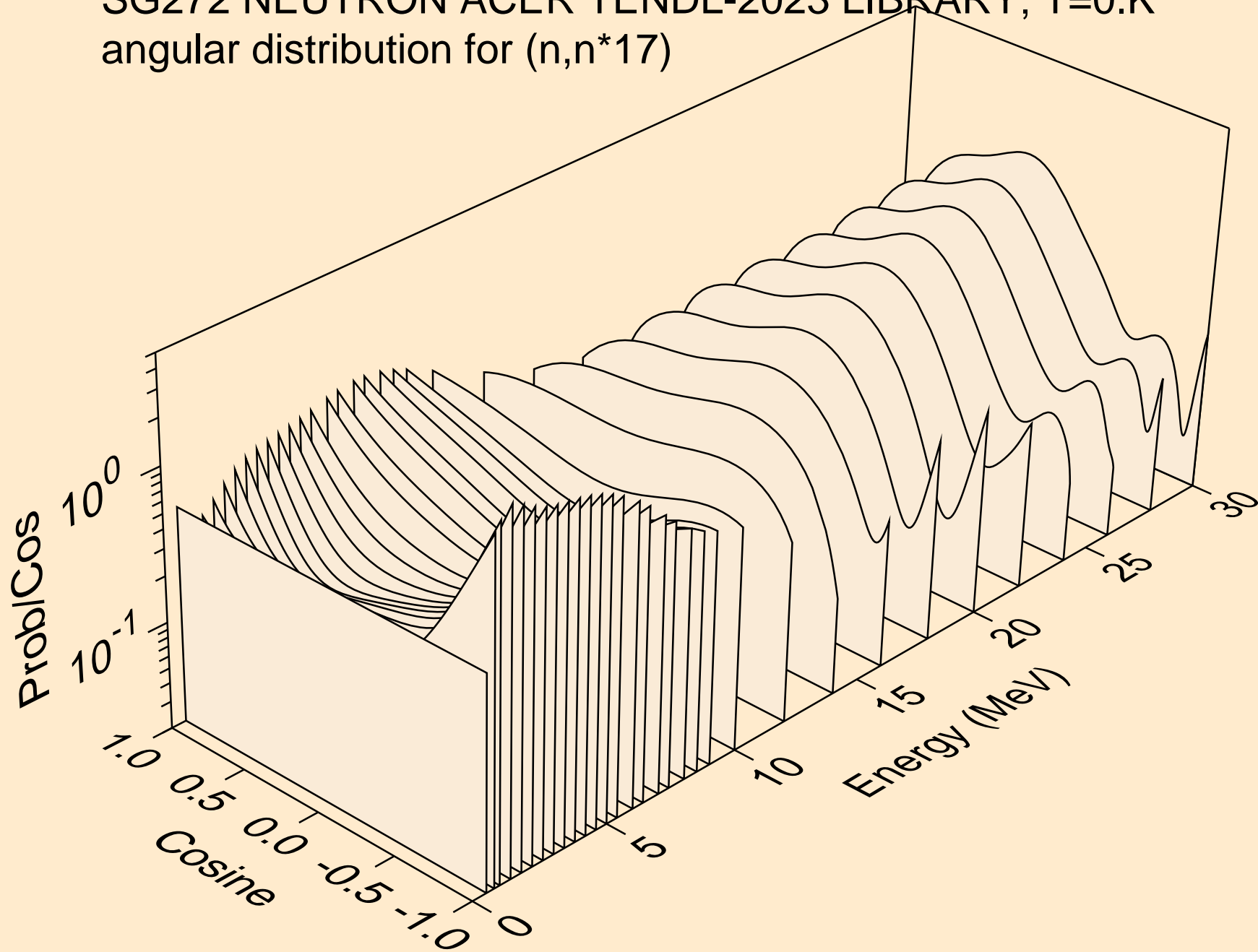
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



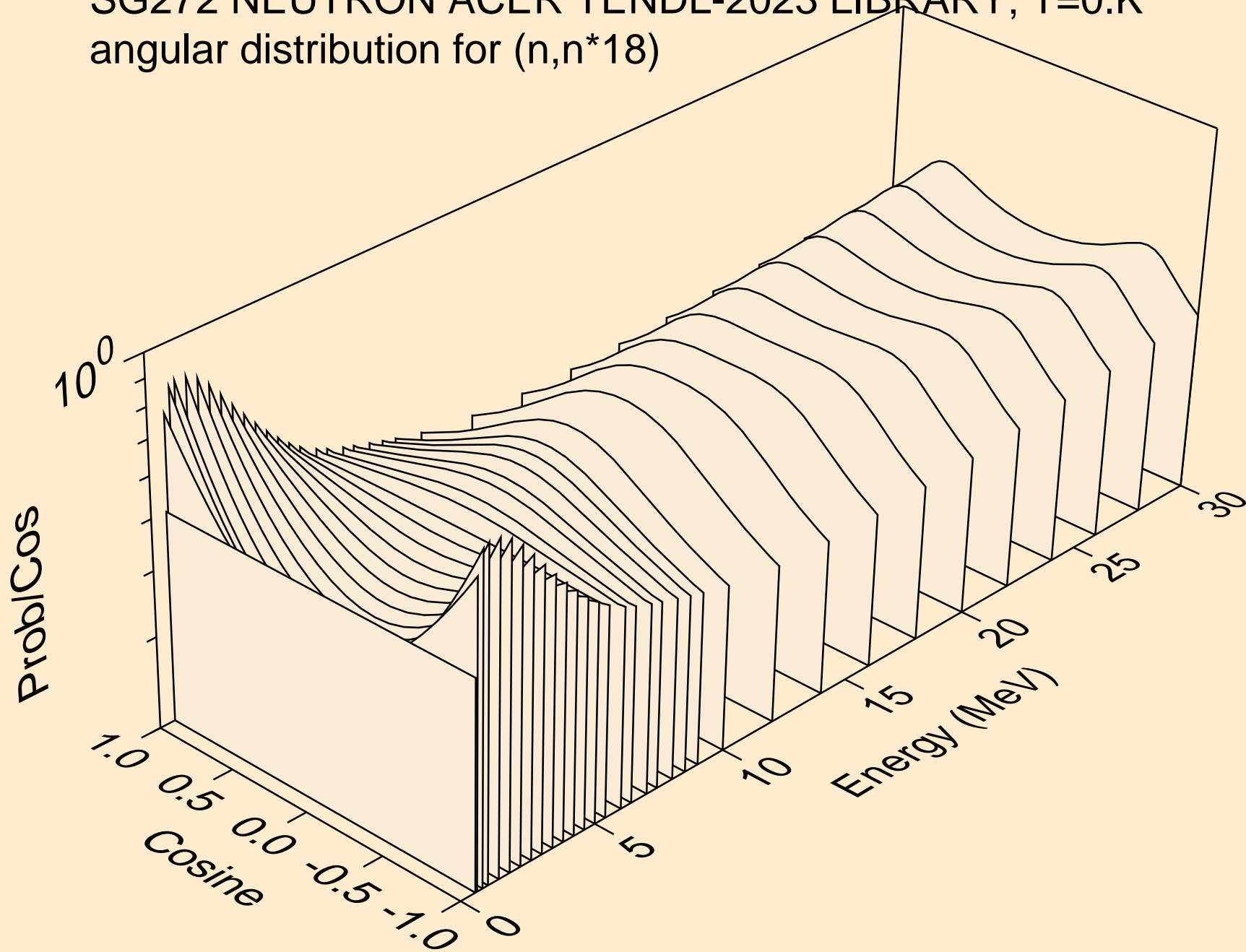
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



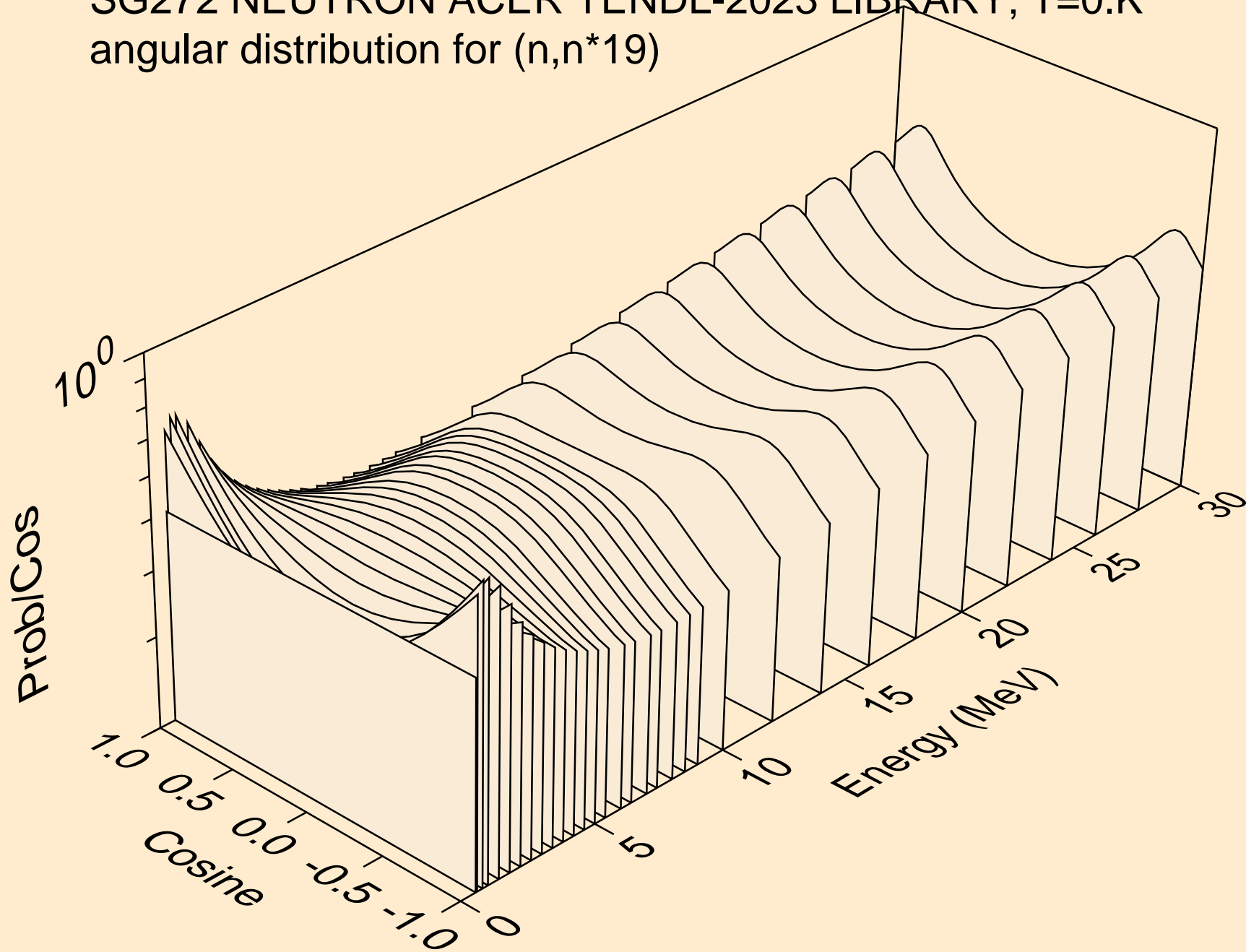
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

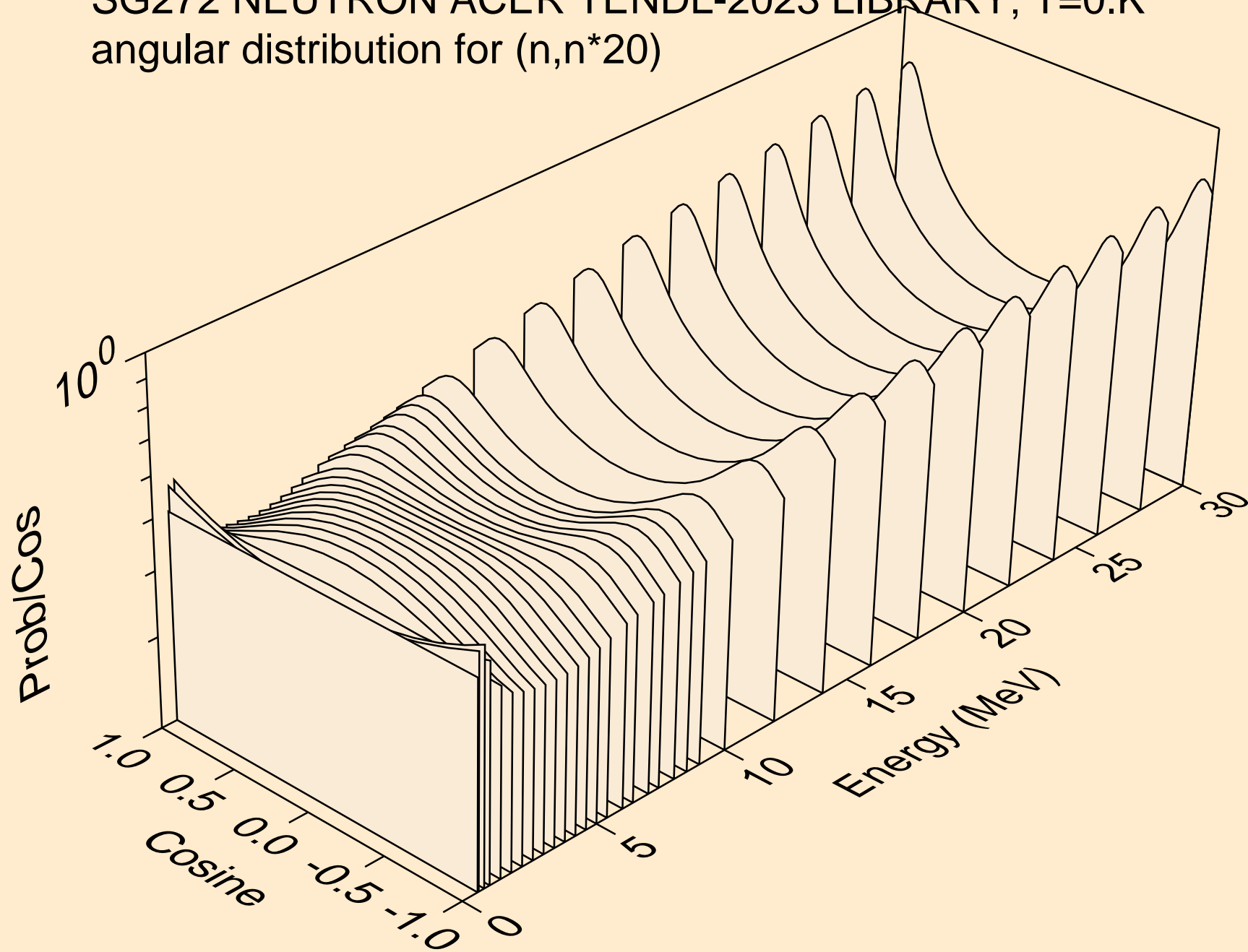


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

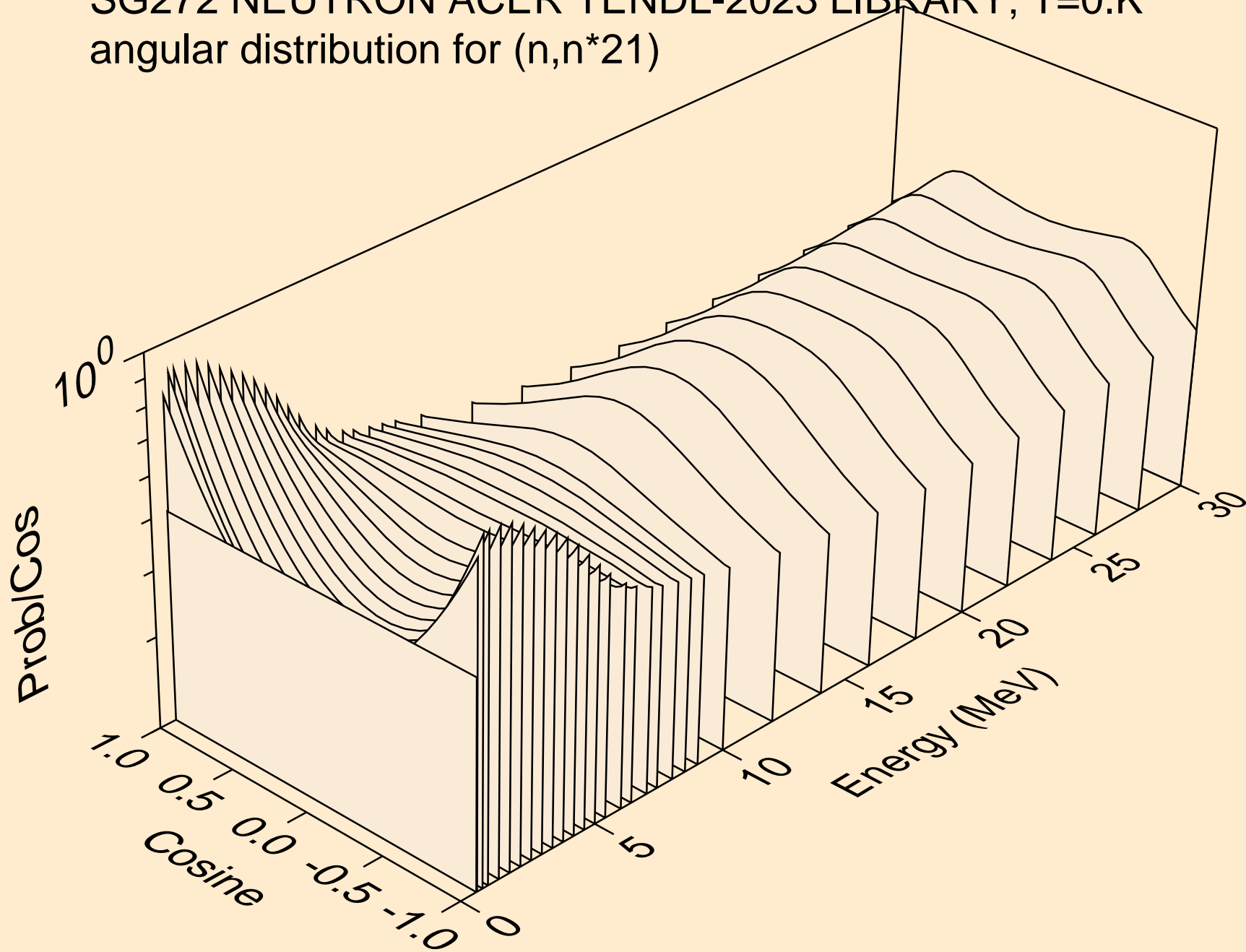




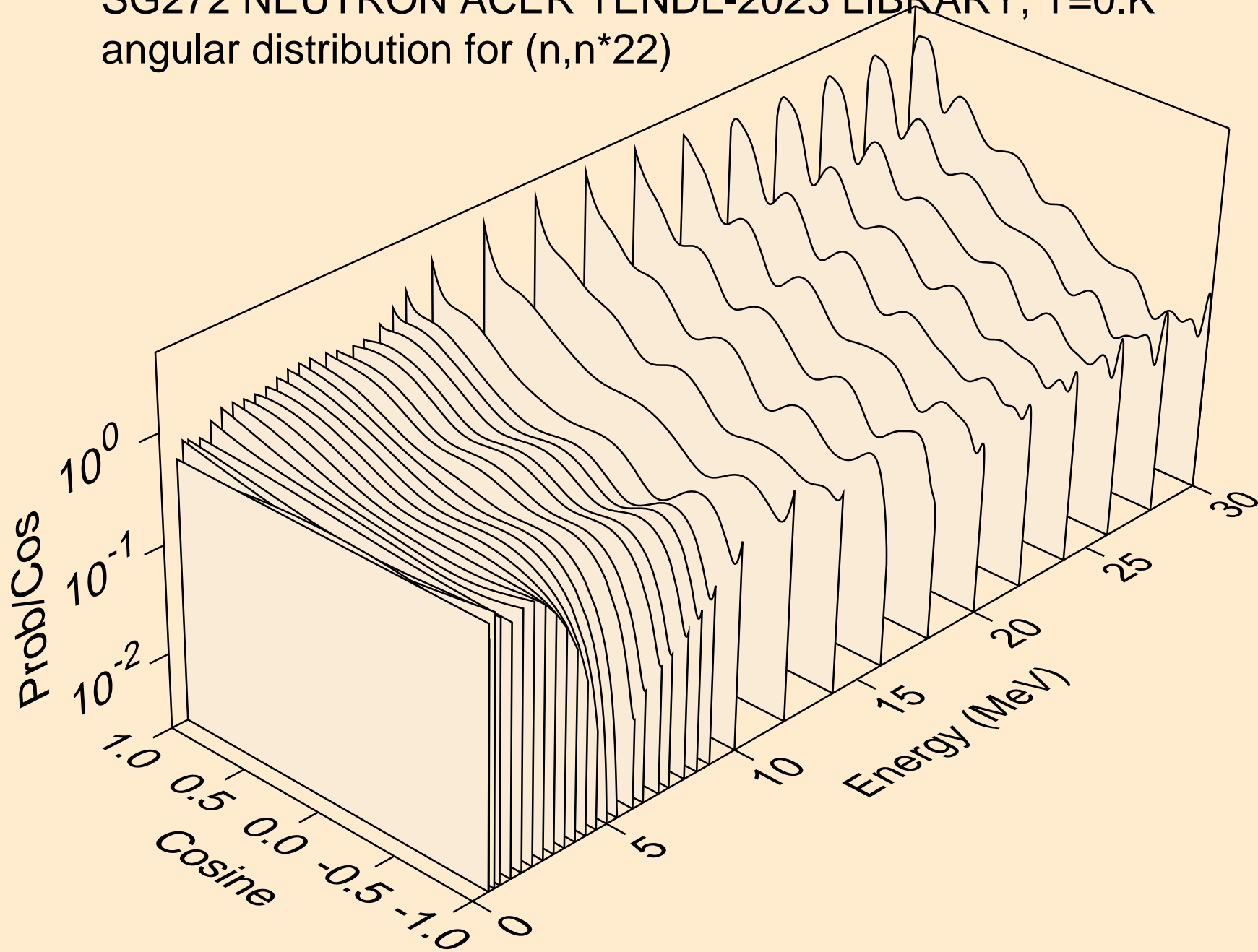
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



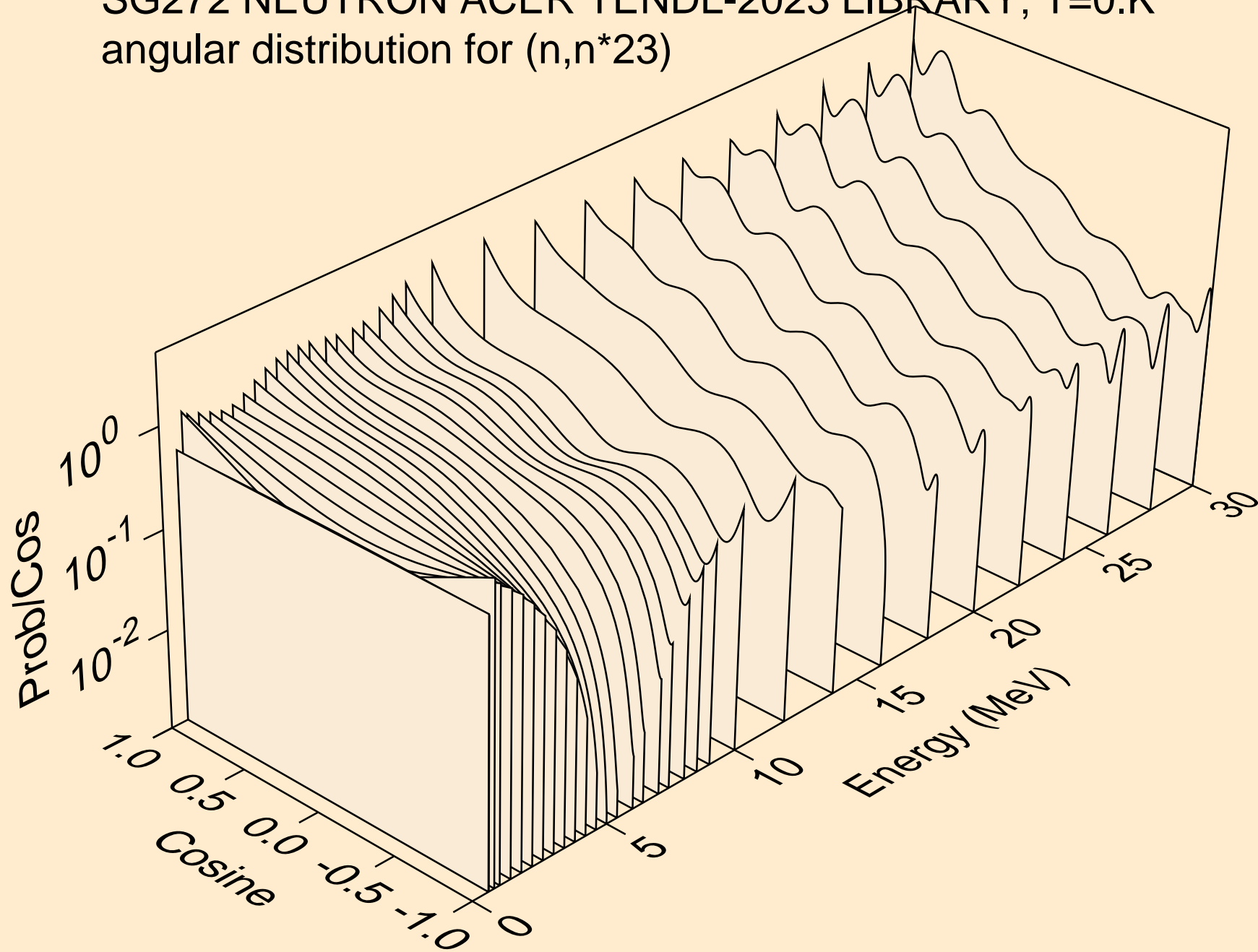
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angular distribution for (n,n\*21)



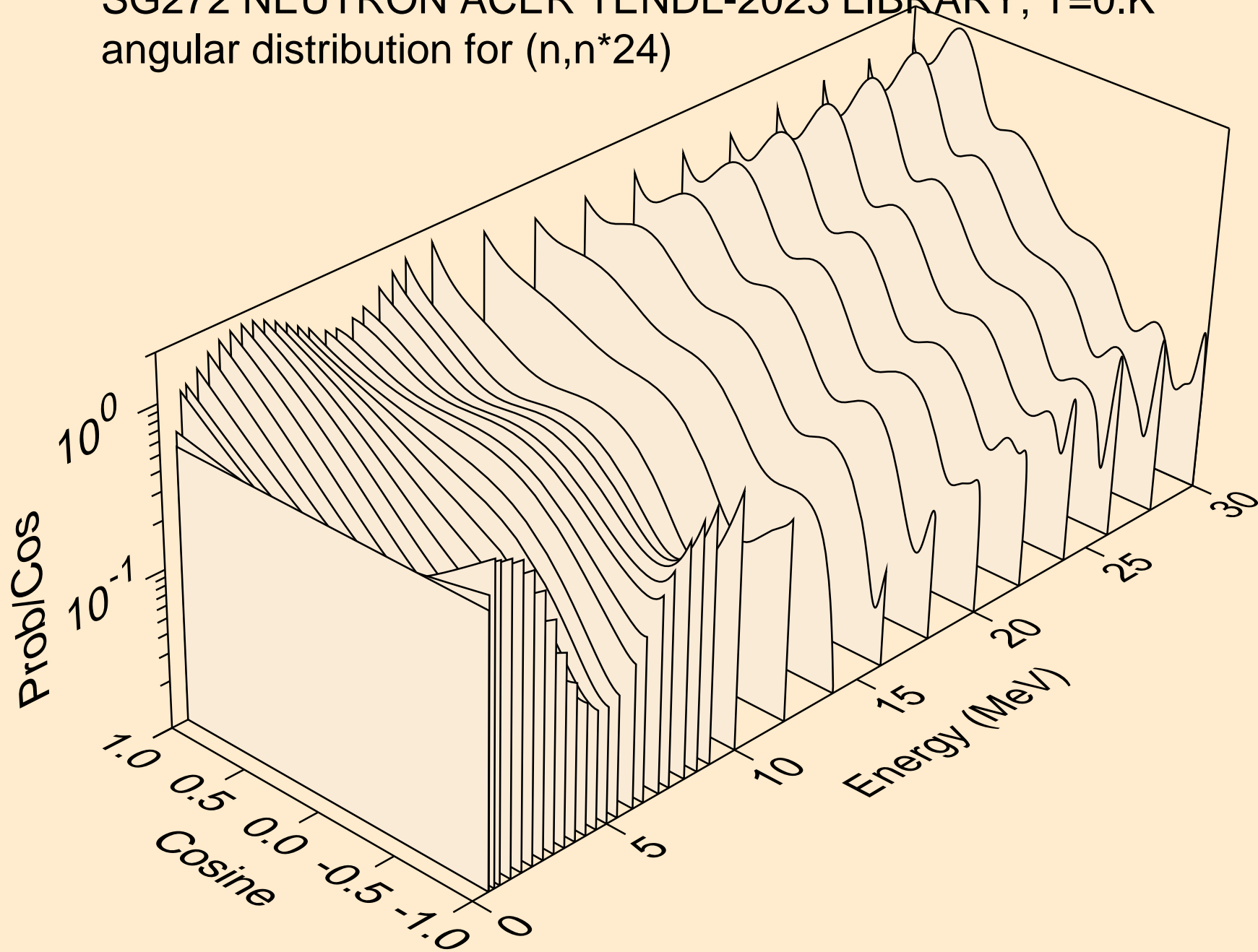
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



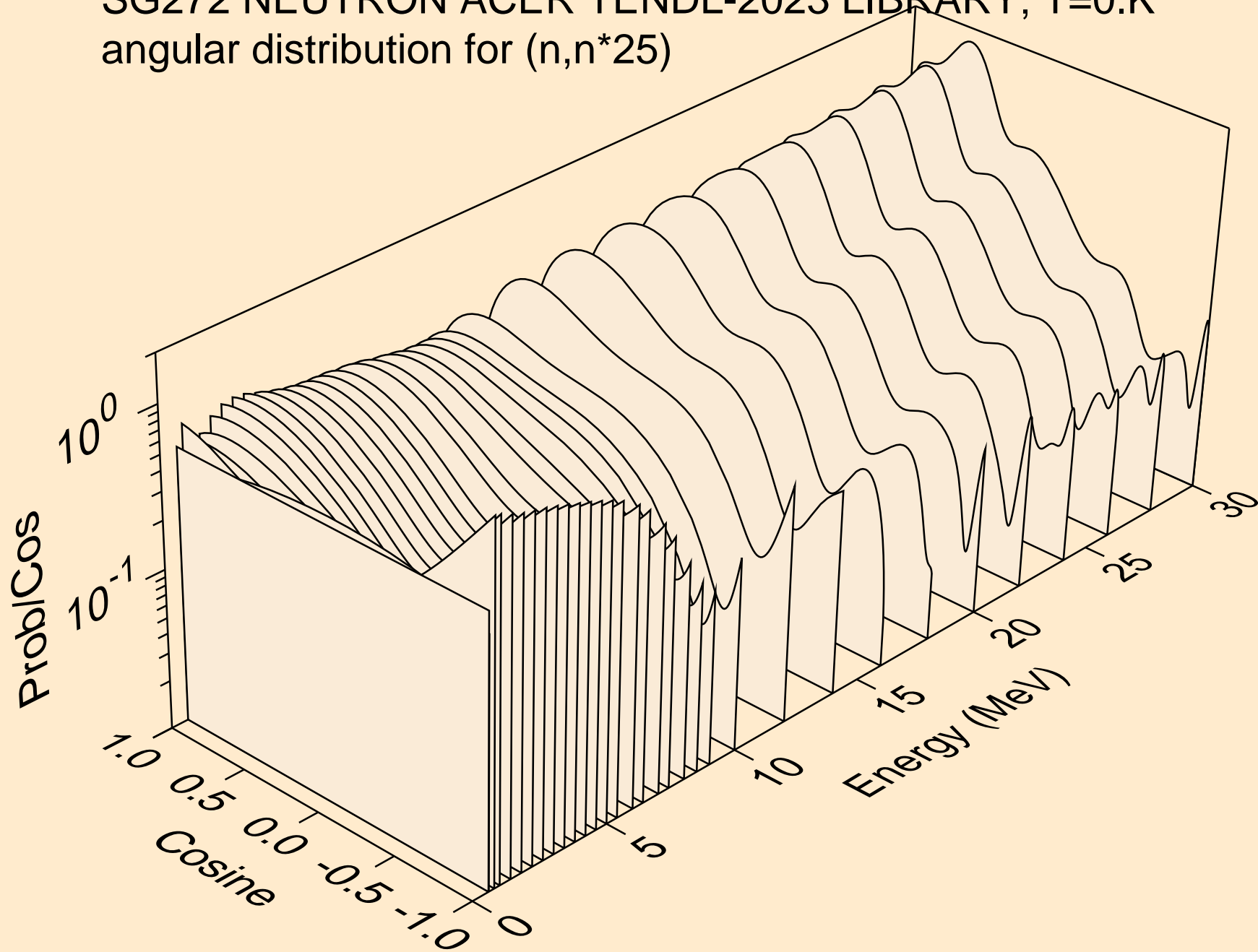
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



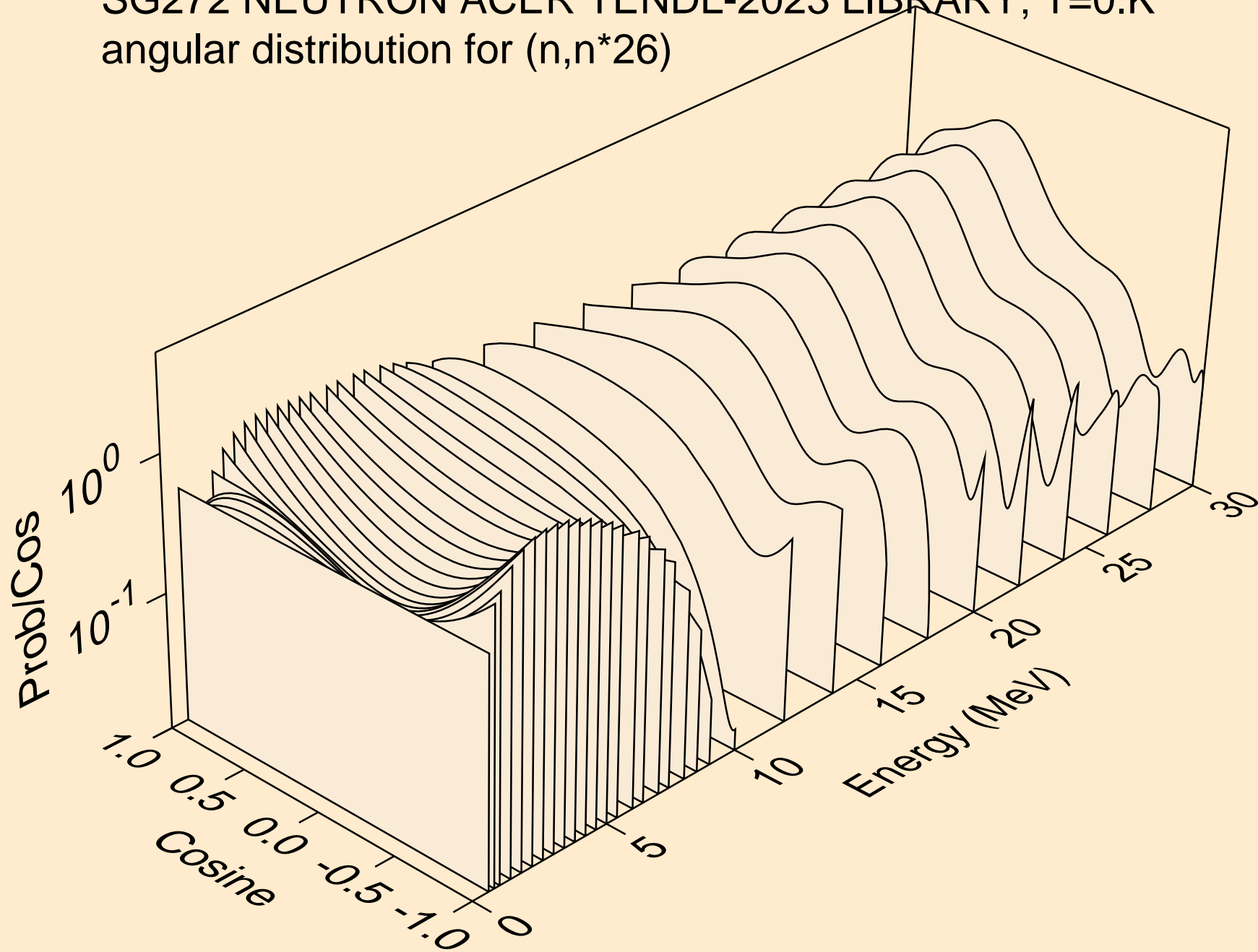
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



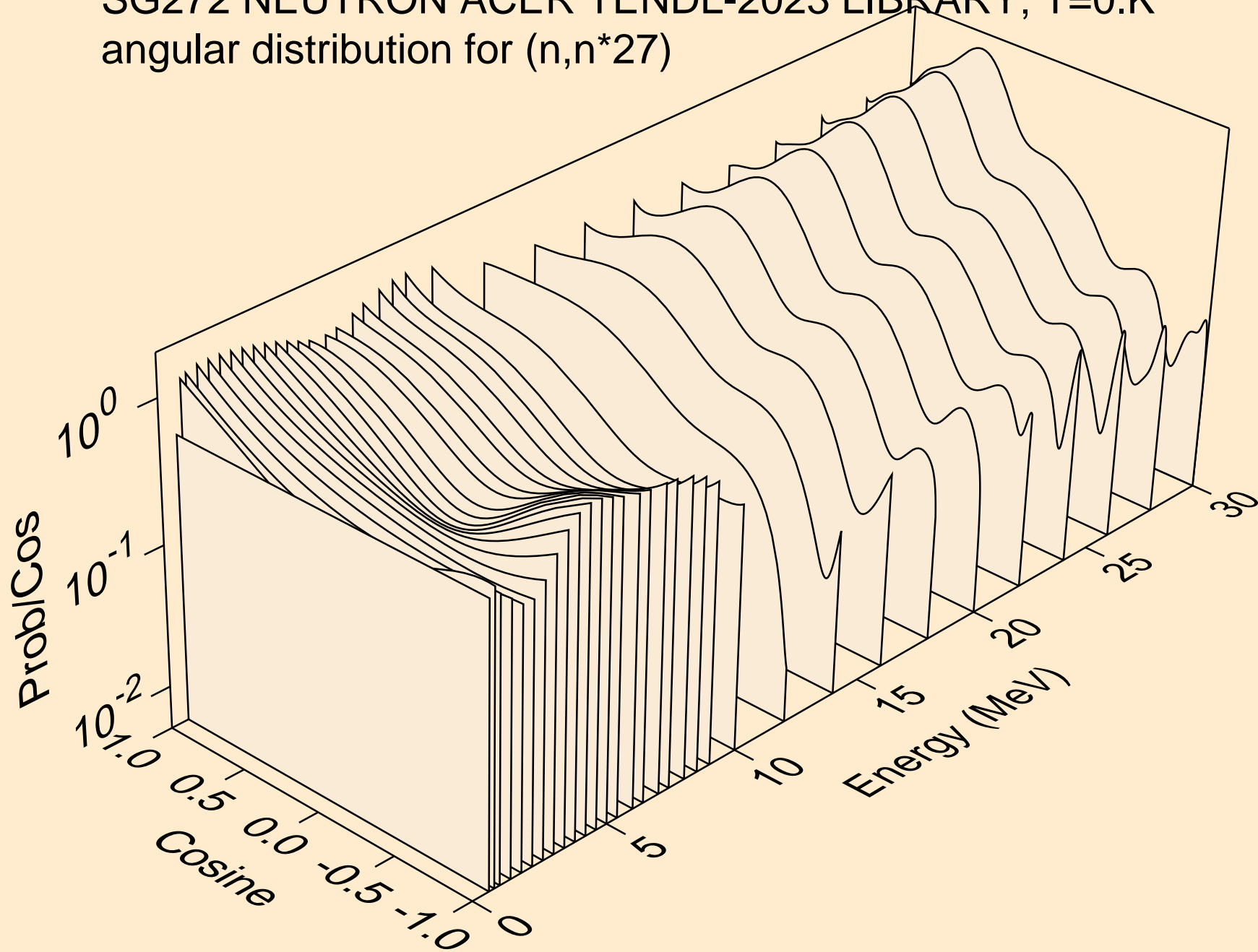
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

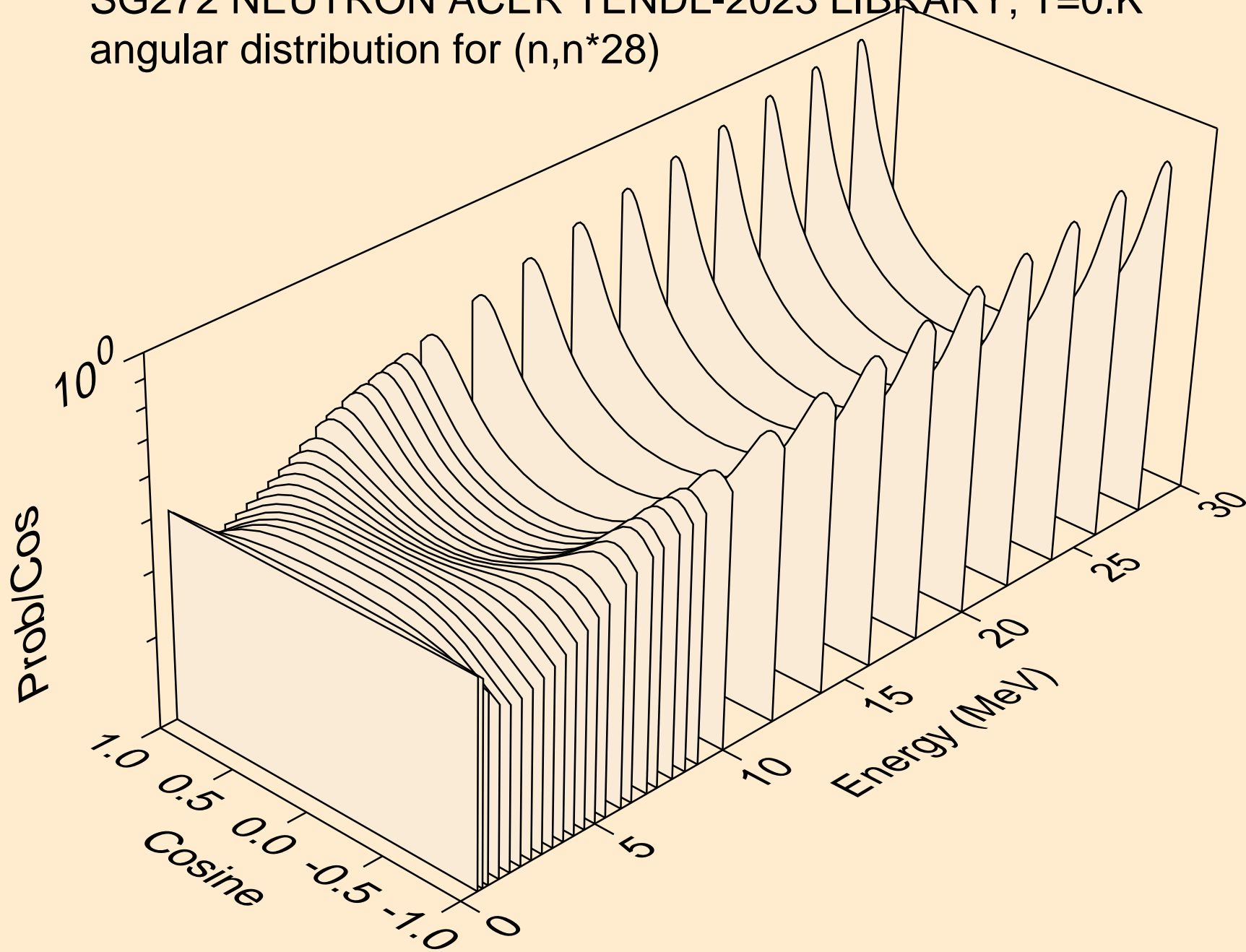


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

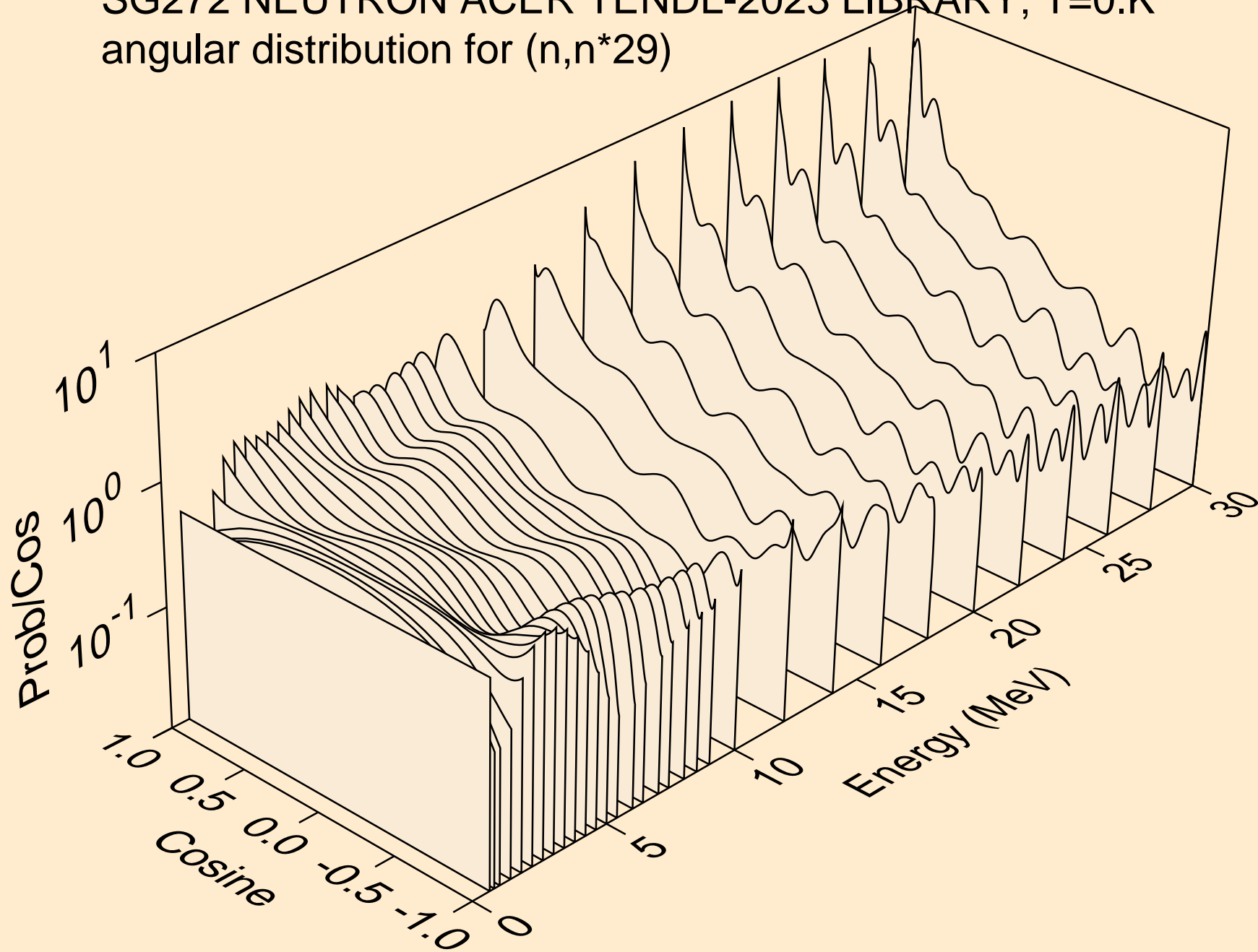




SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

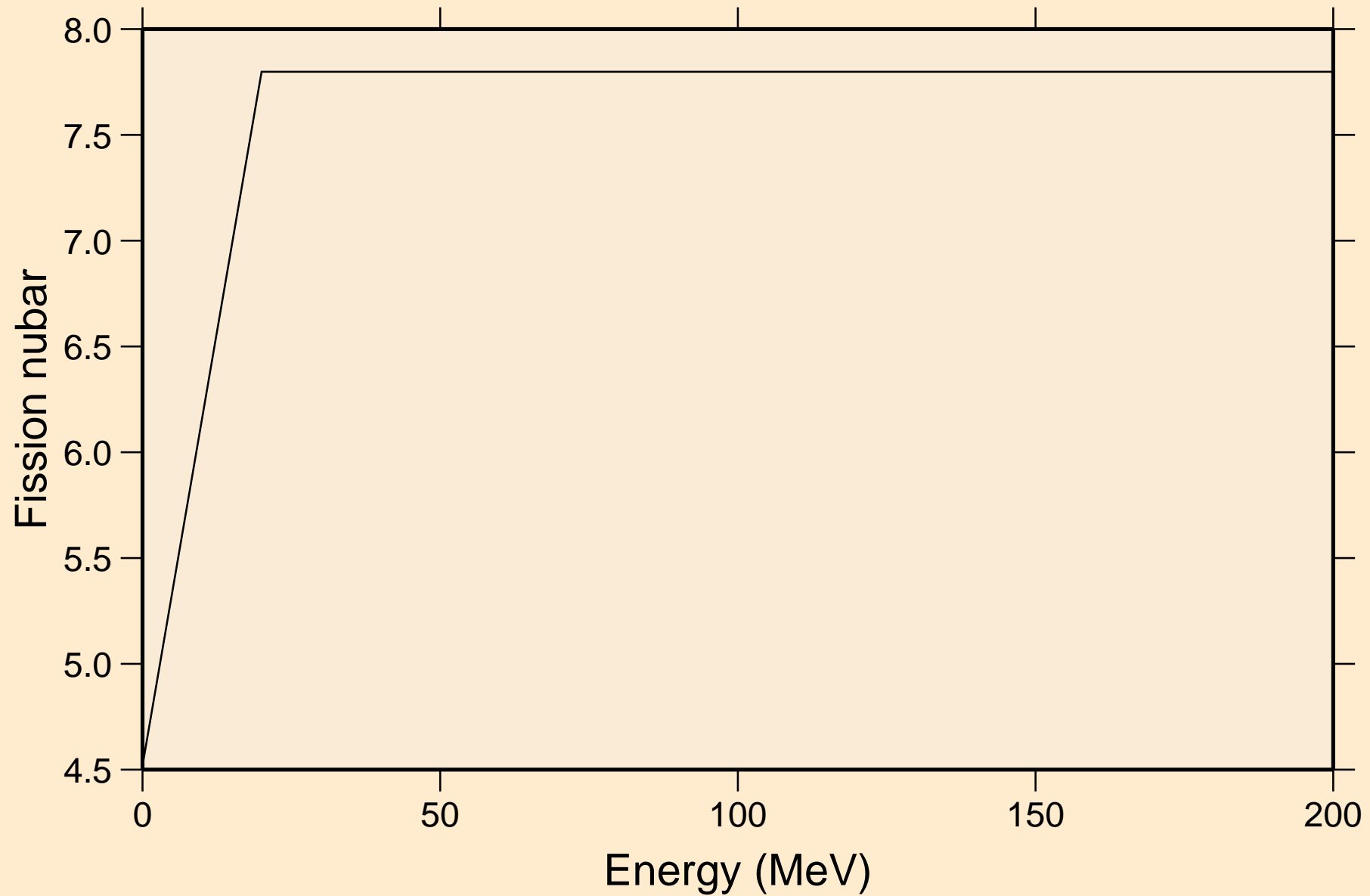


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

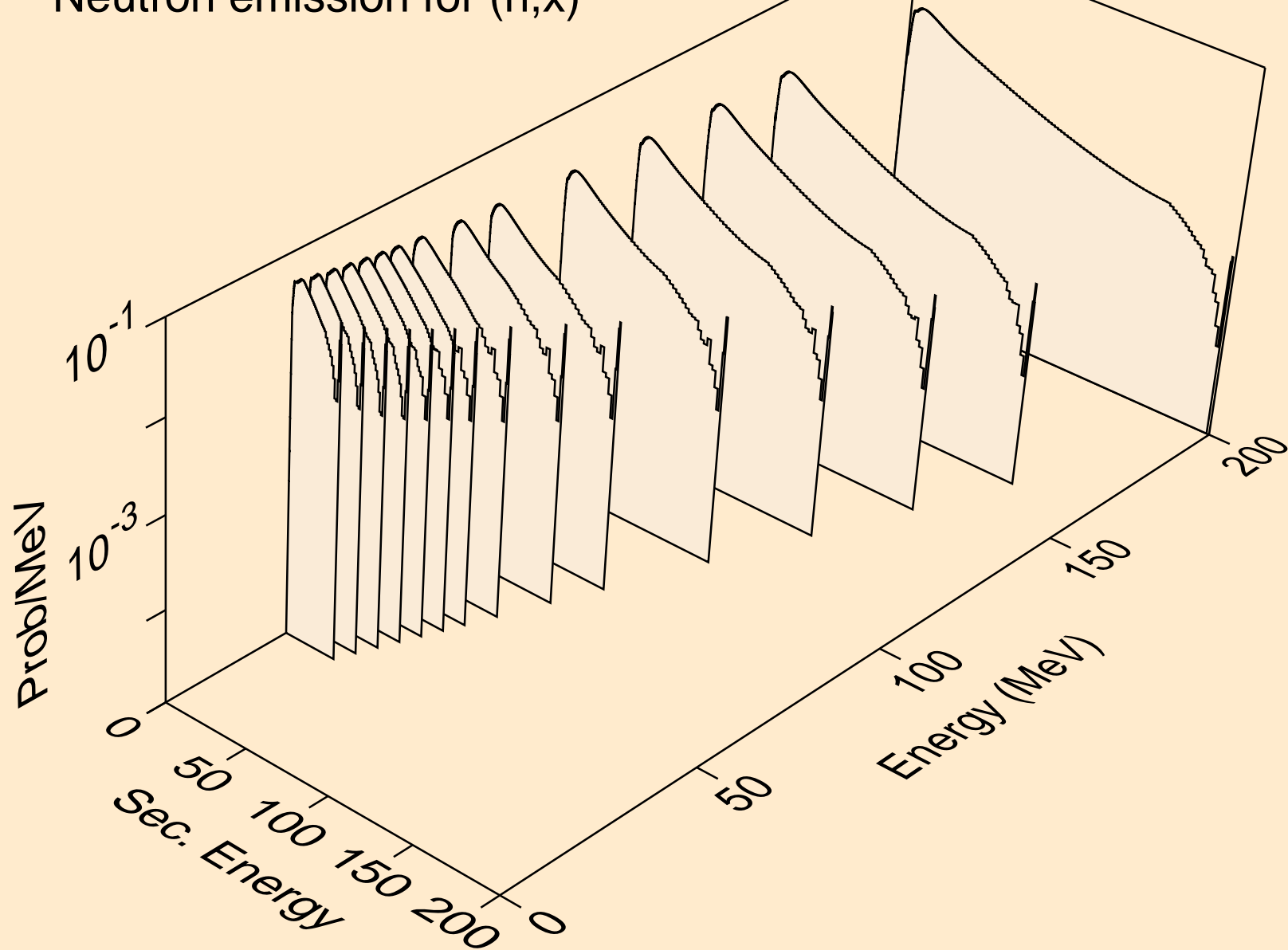


# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

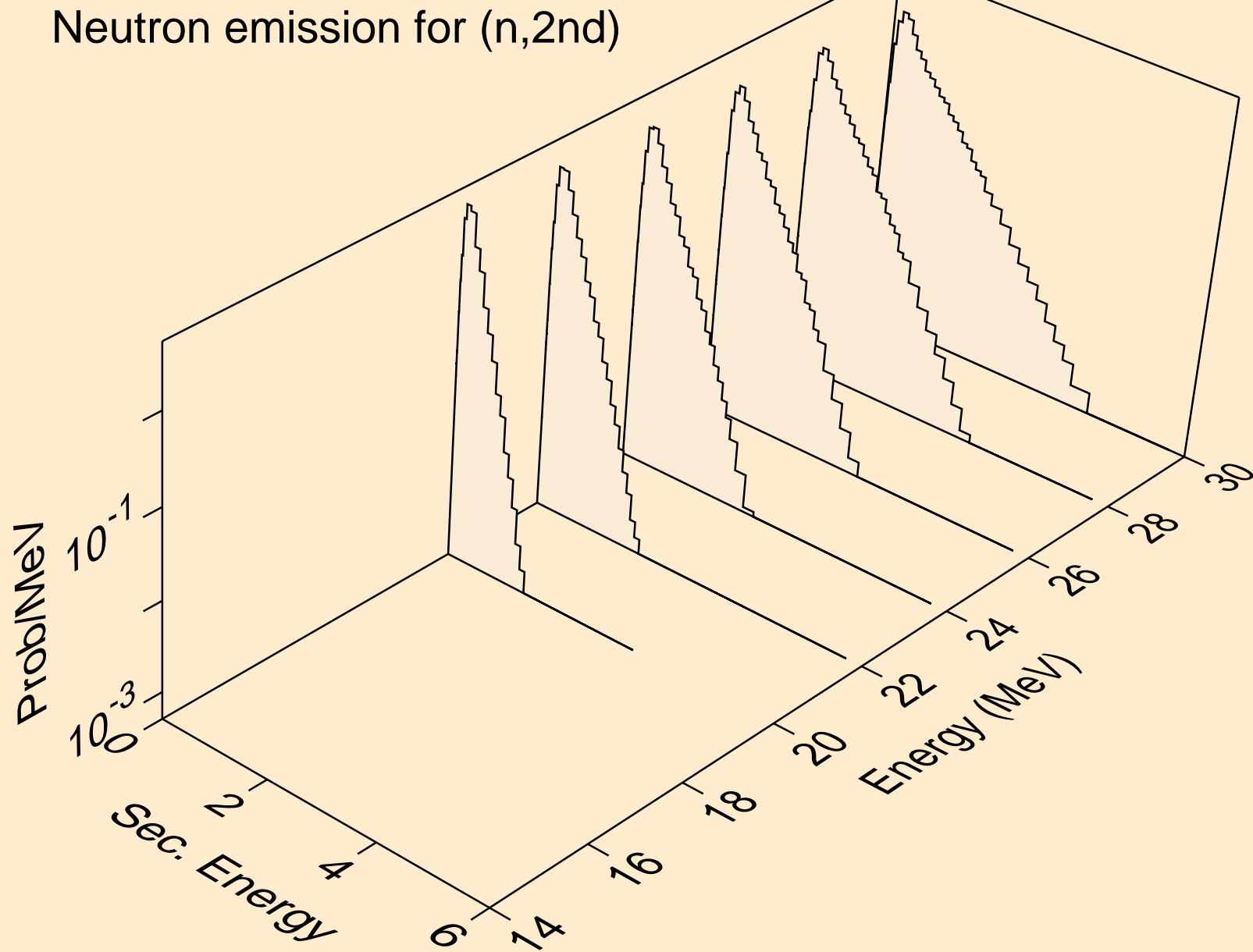
Total fission nubar



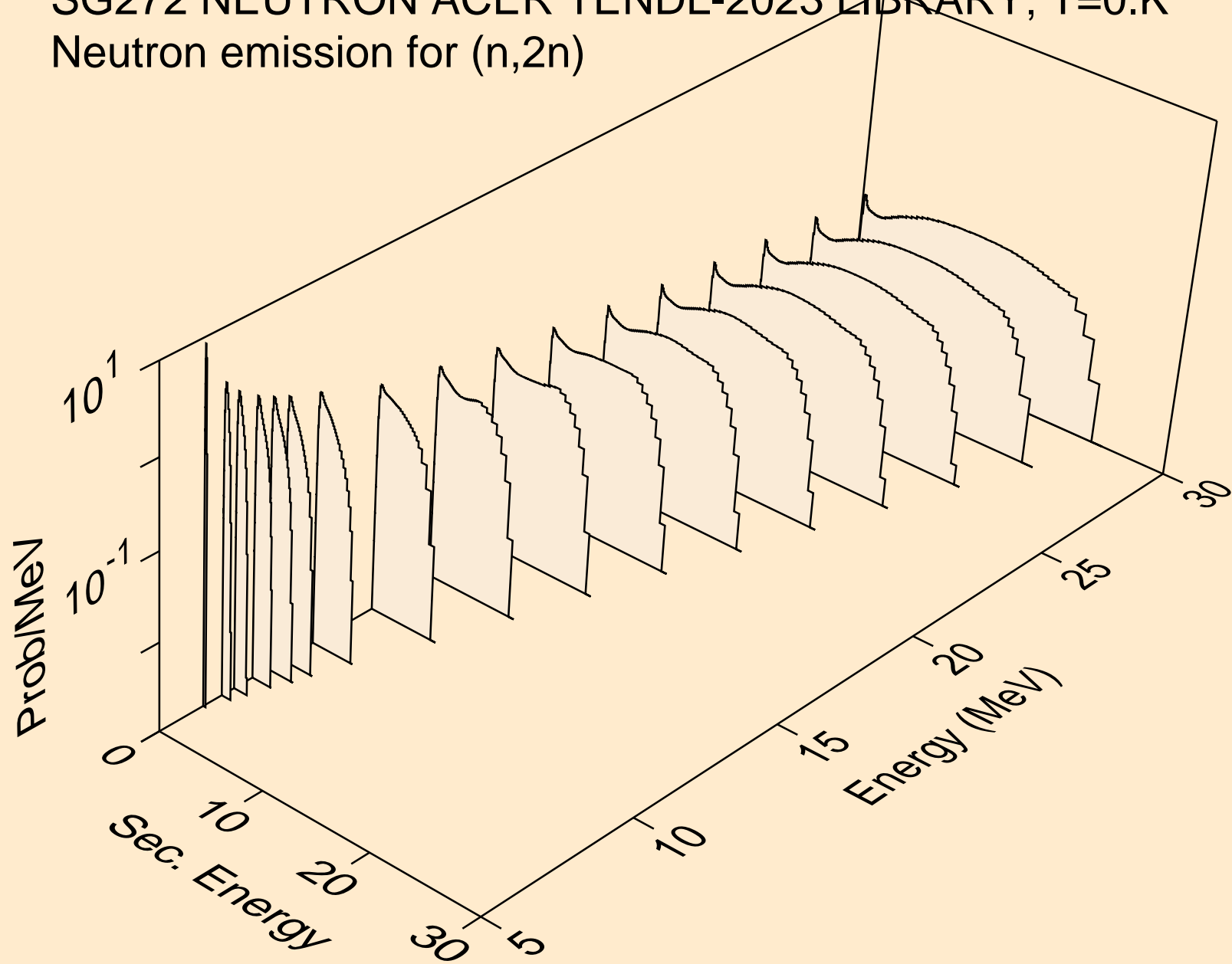
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



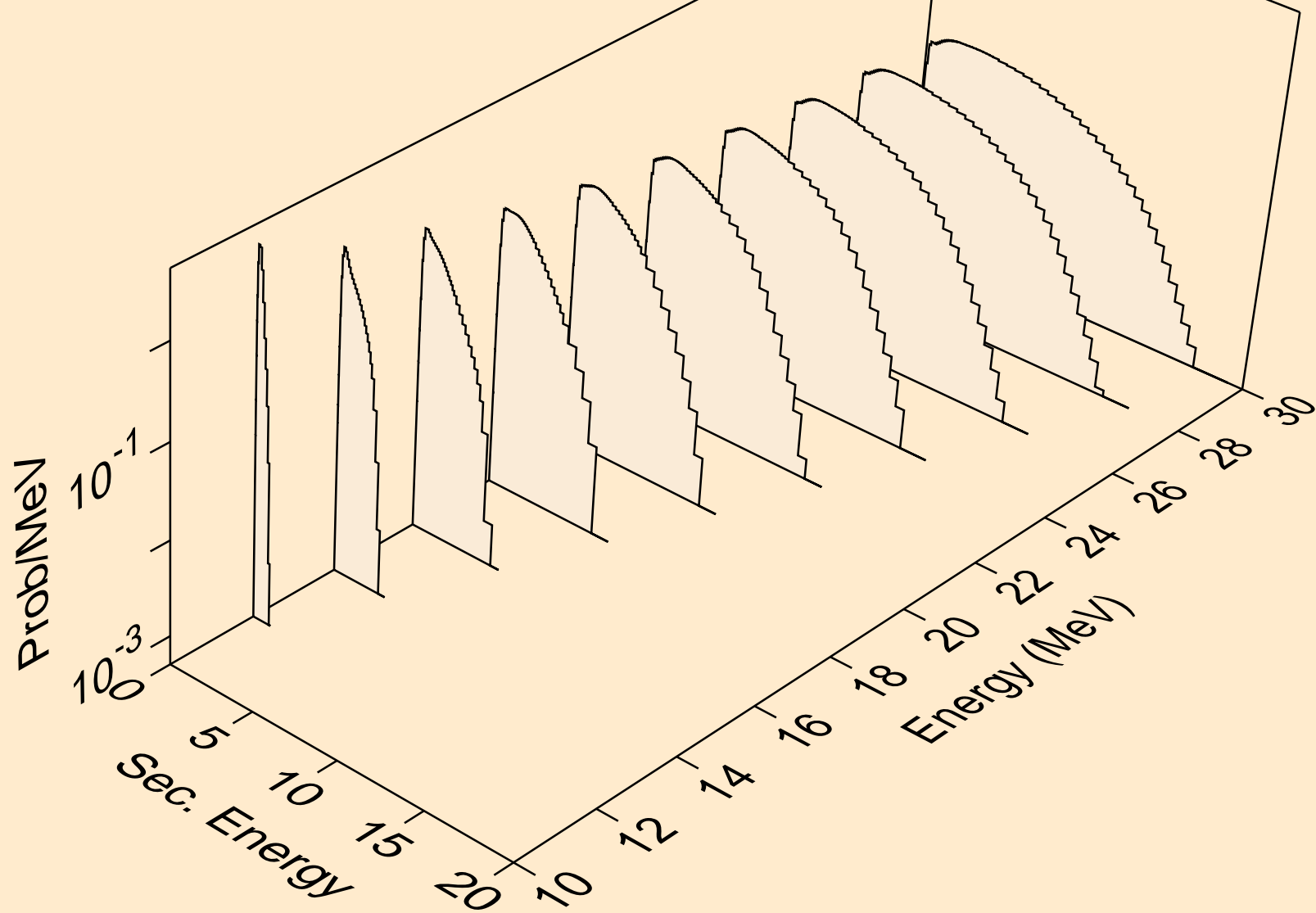
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



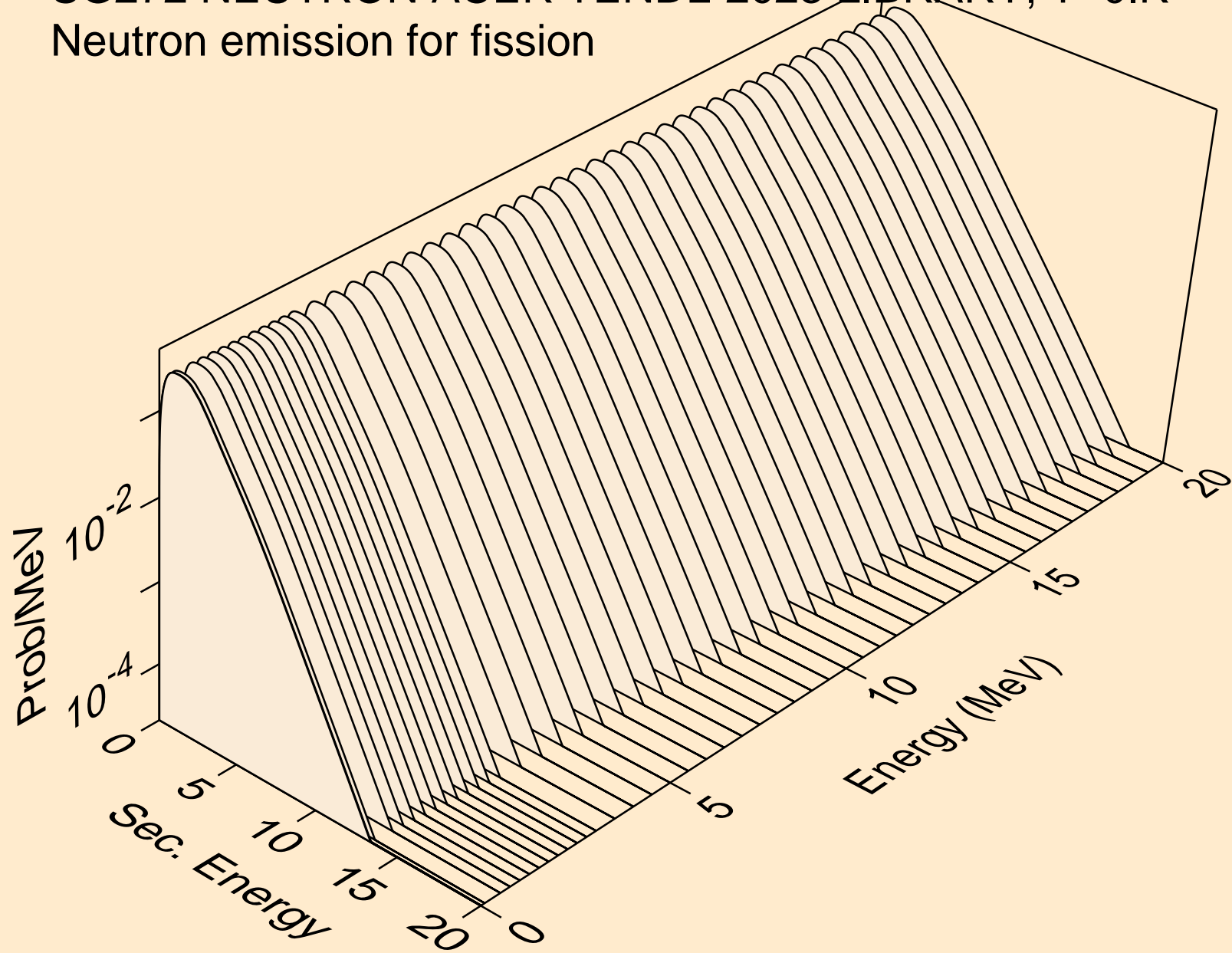
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

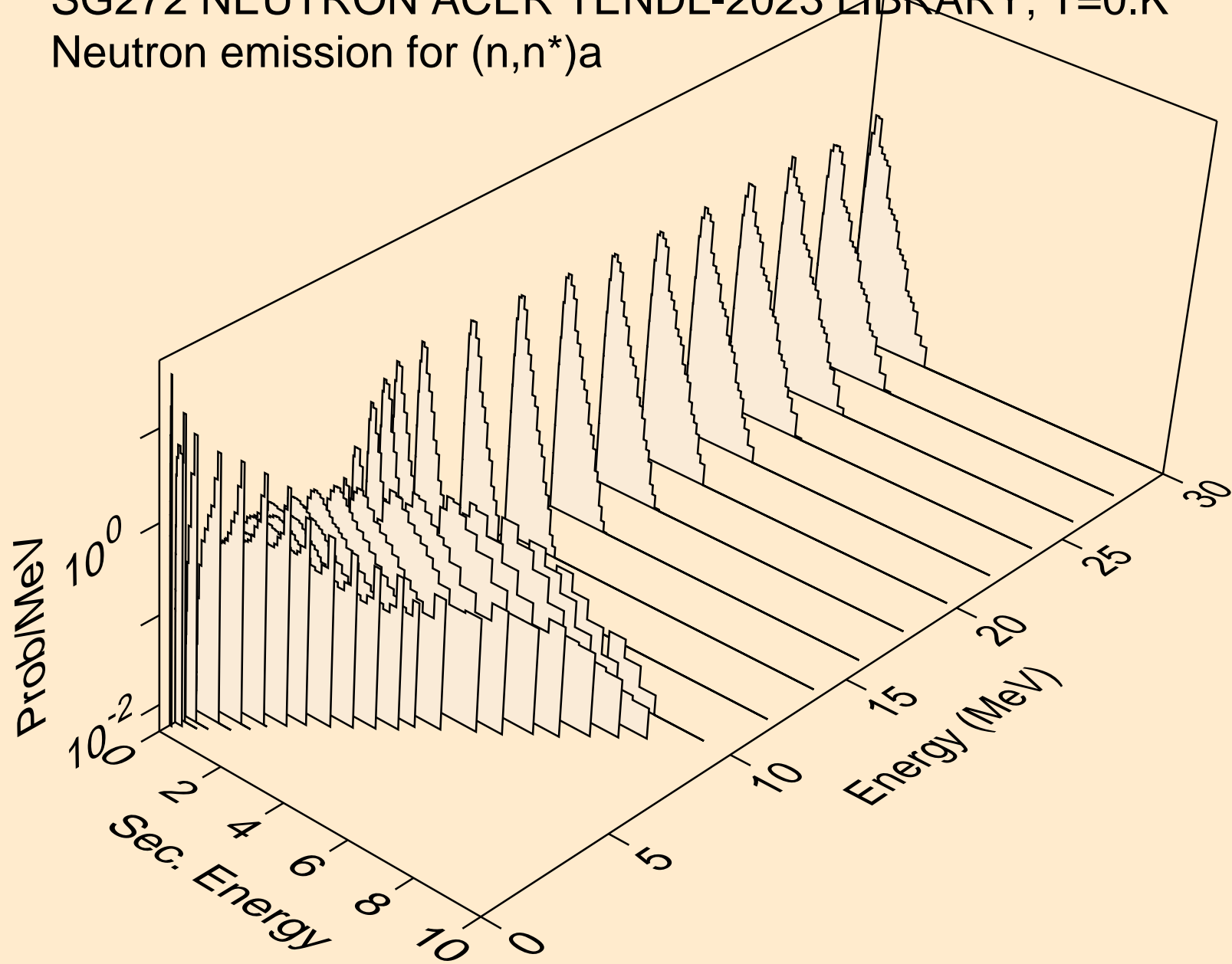


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission

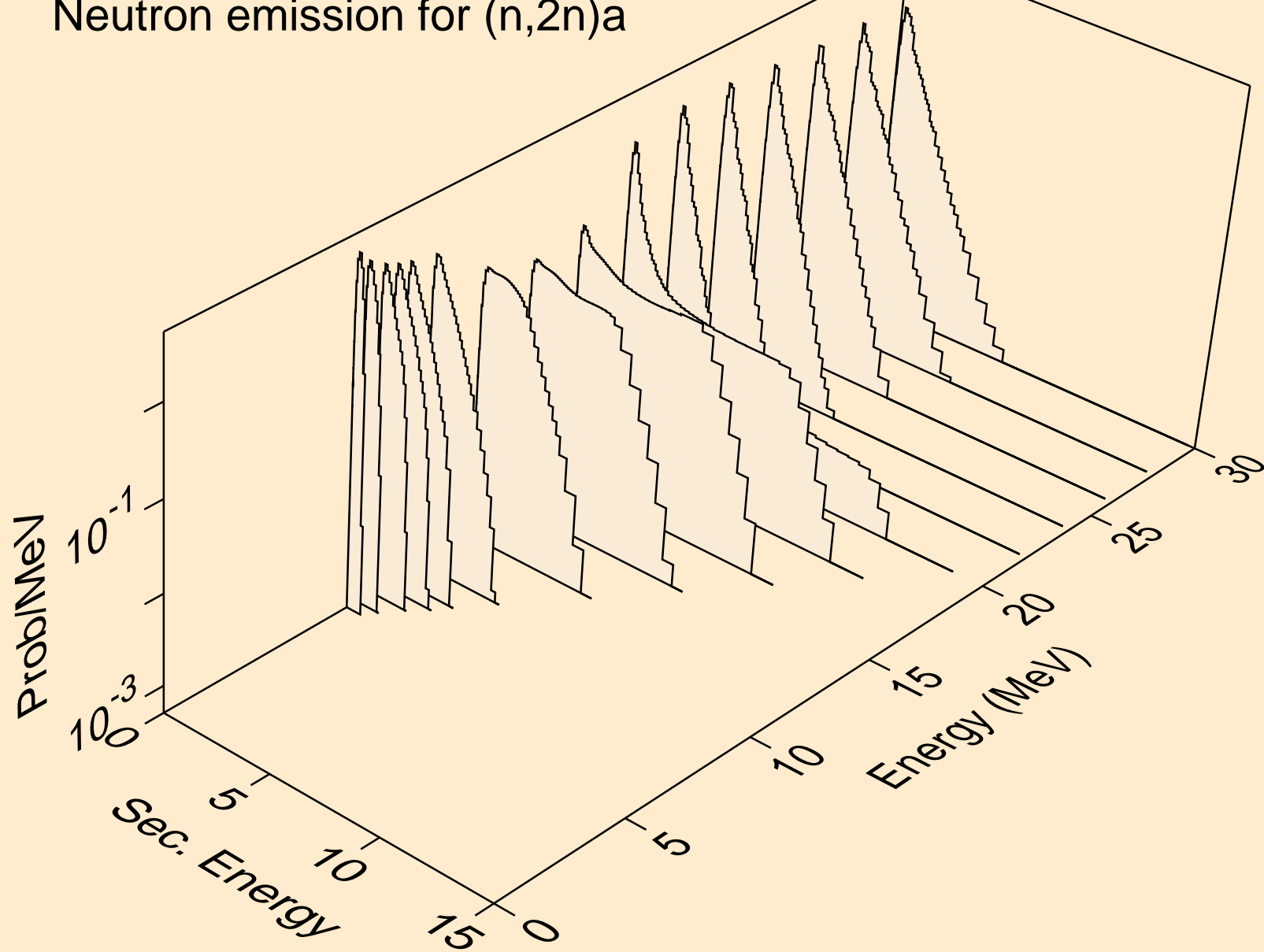




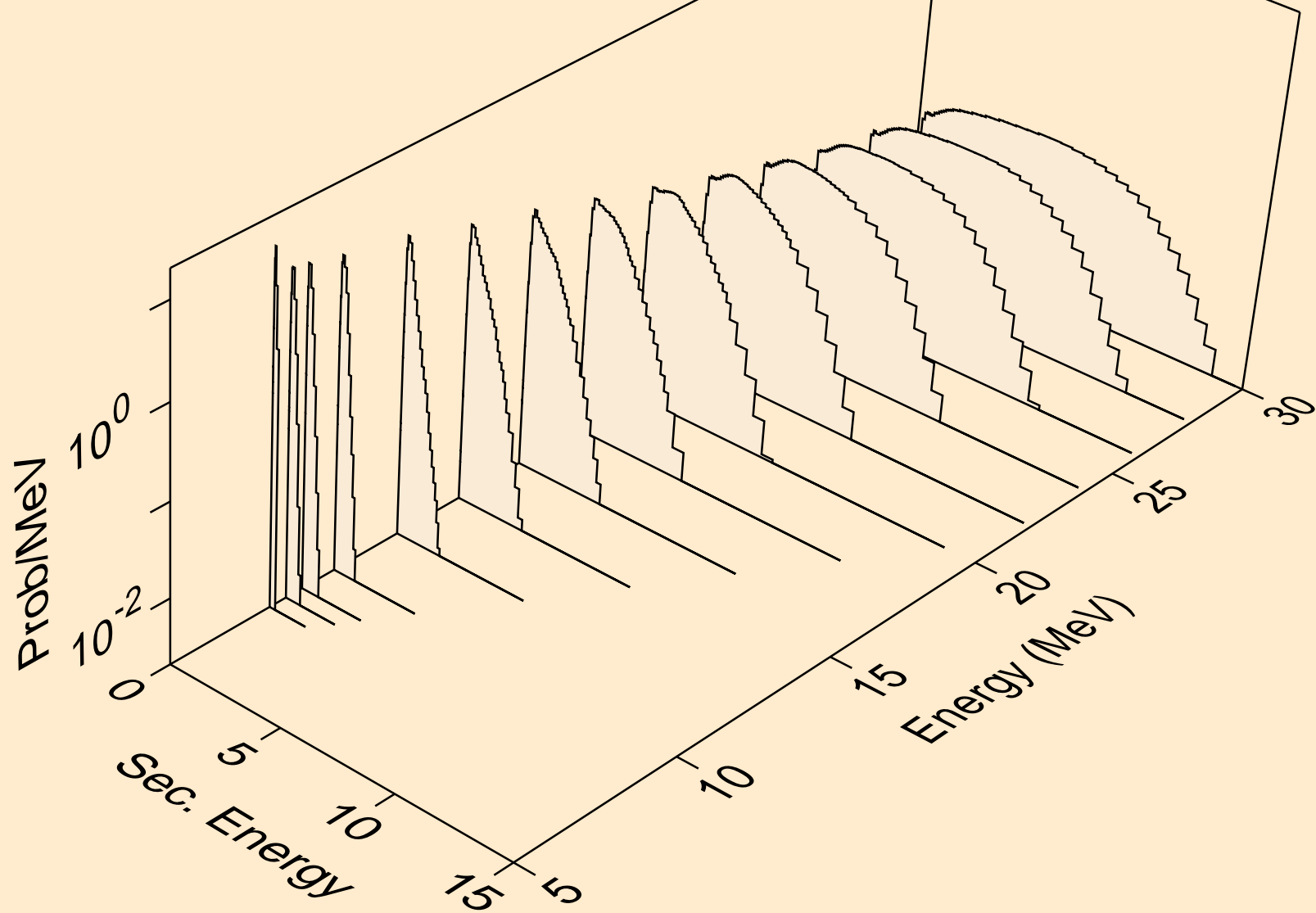
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



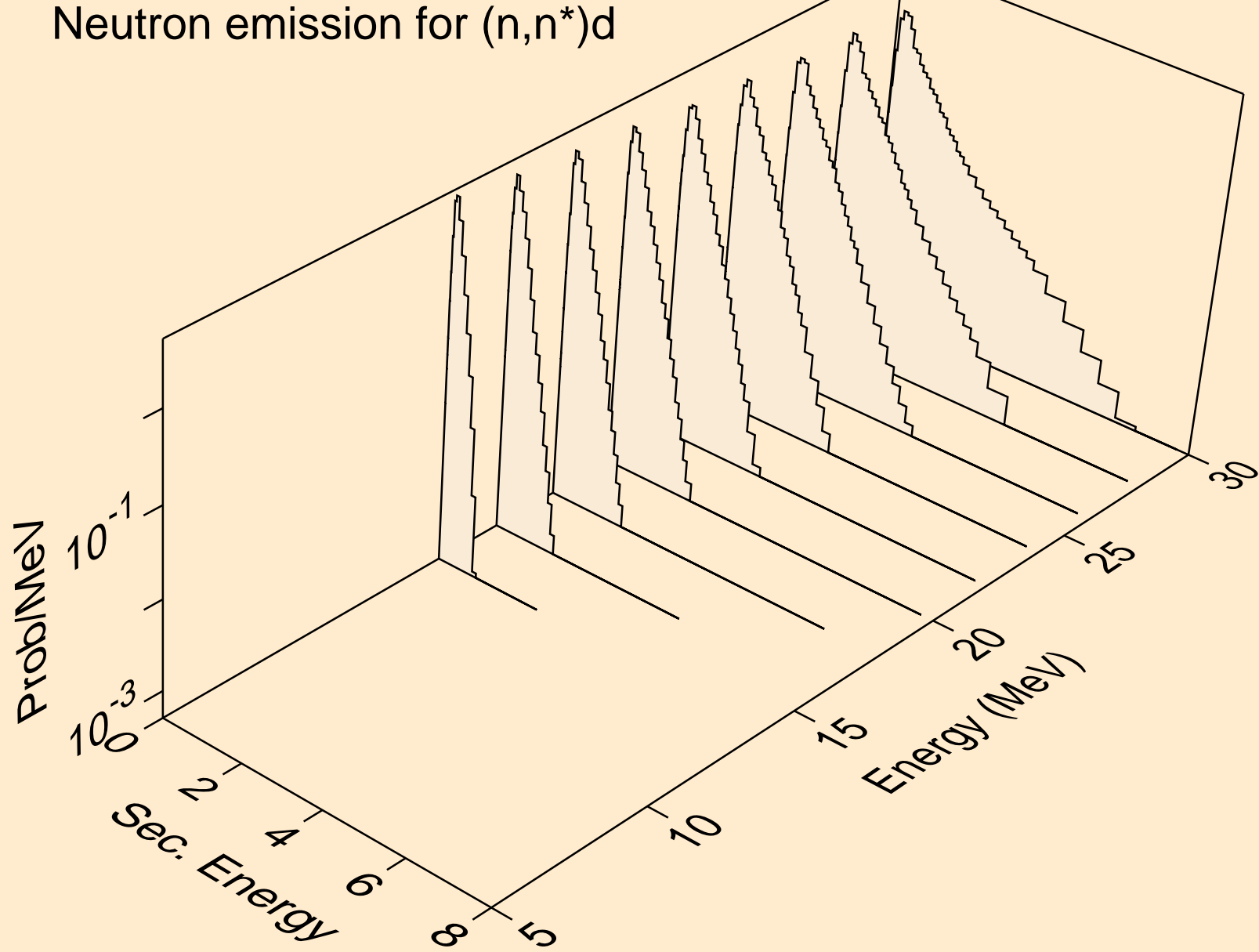
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



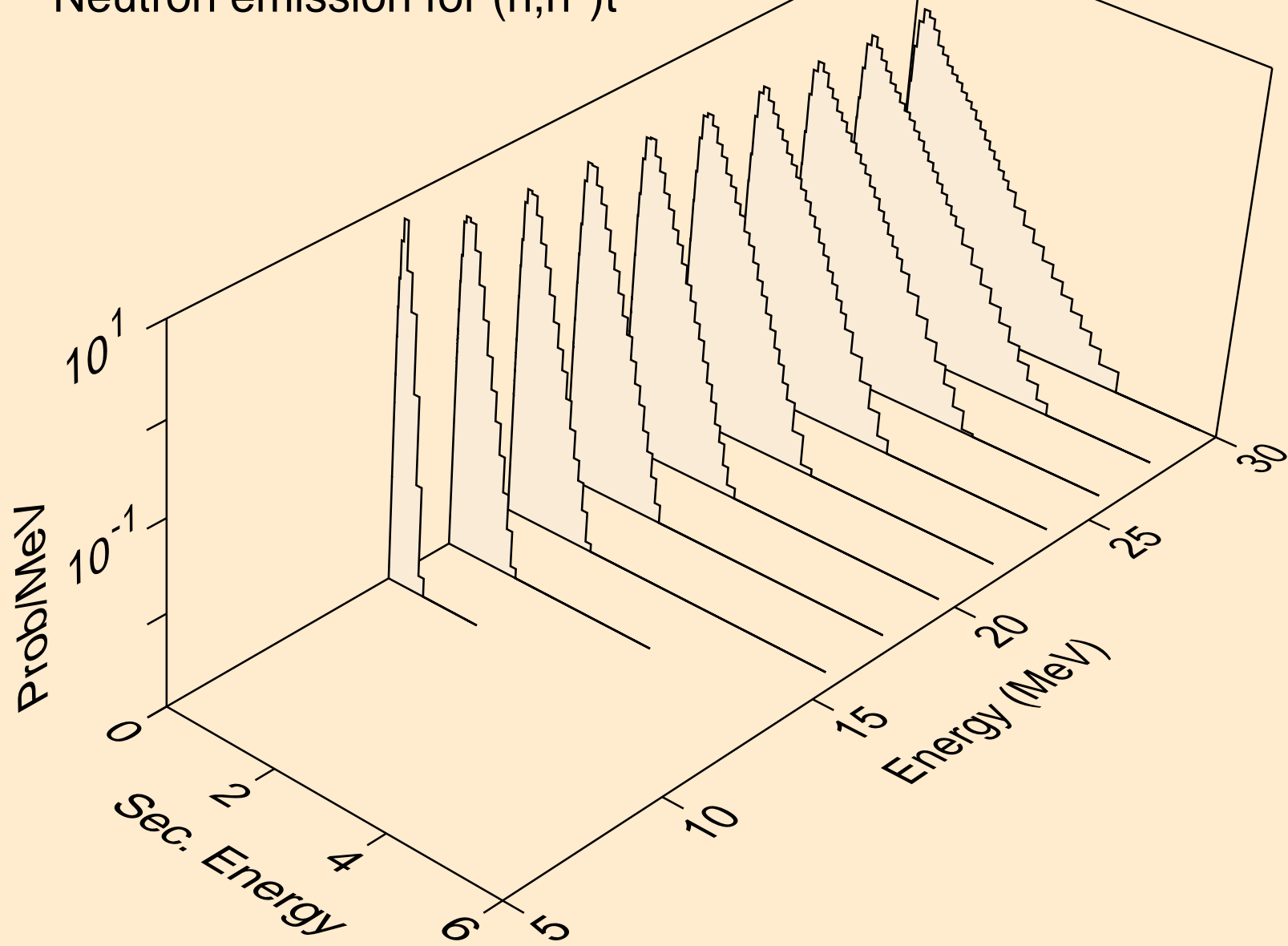
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



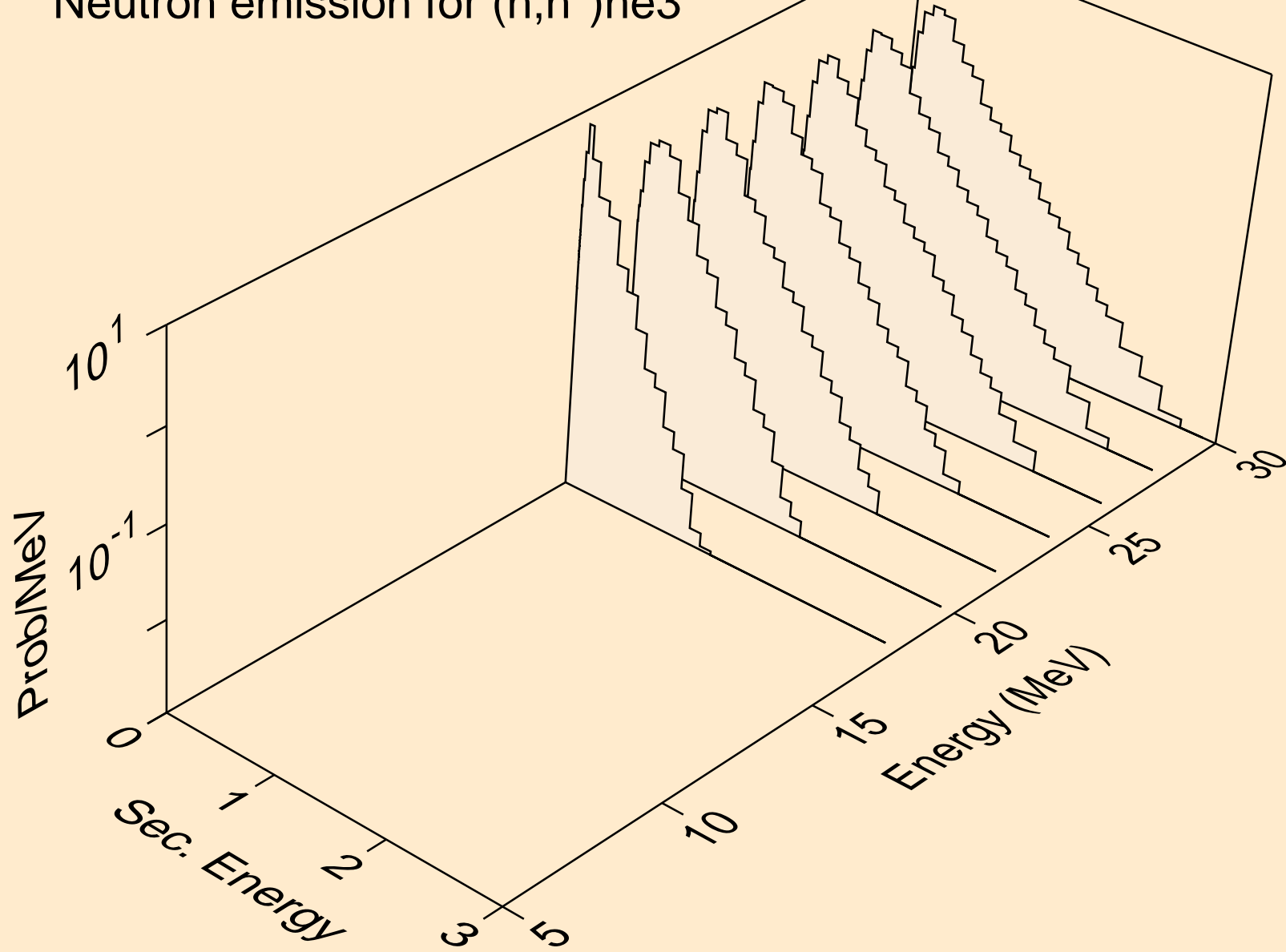
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



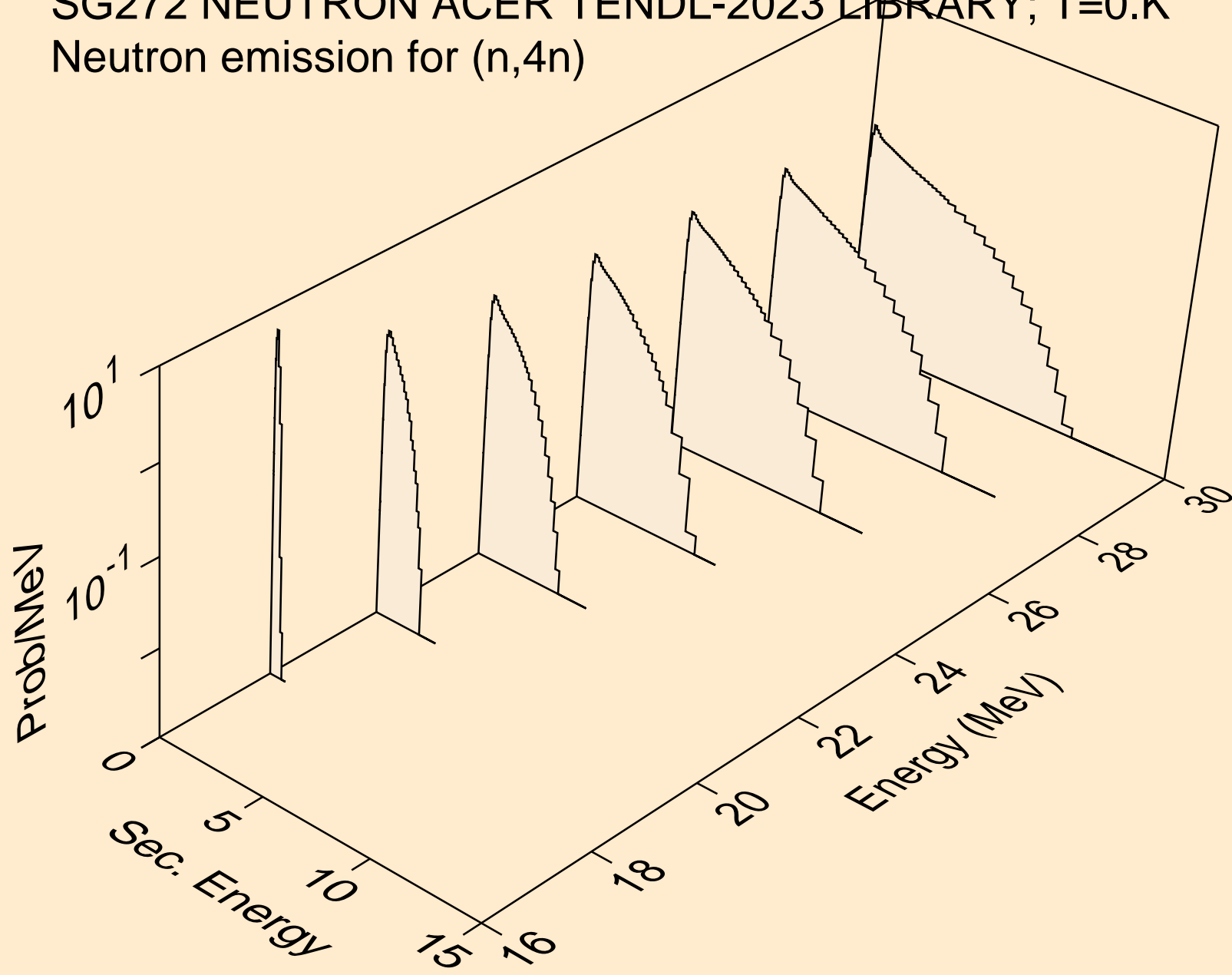
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



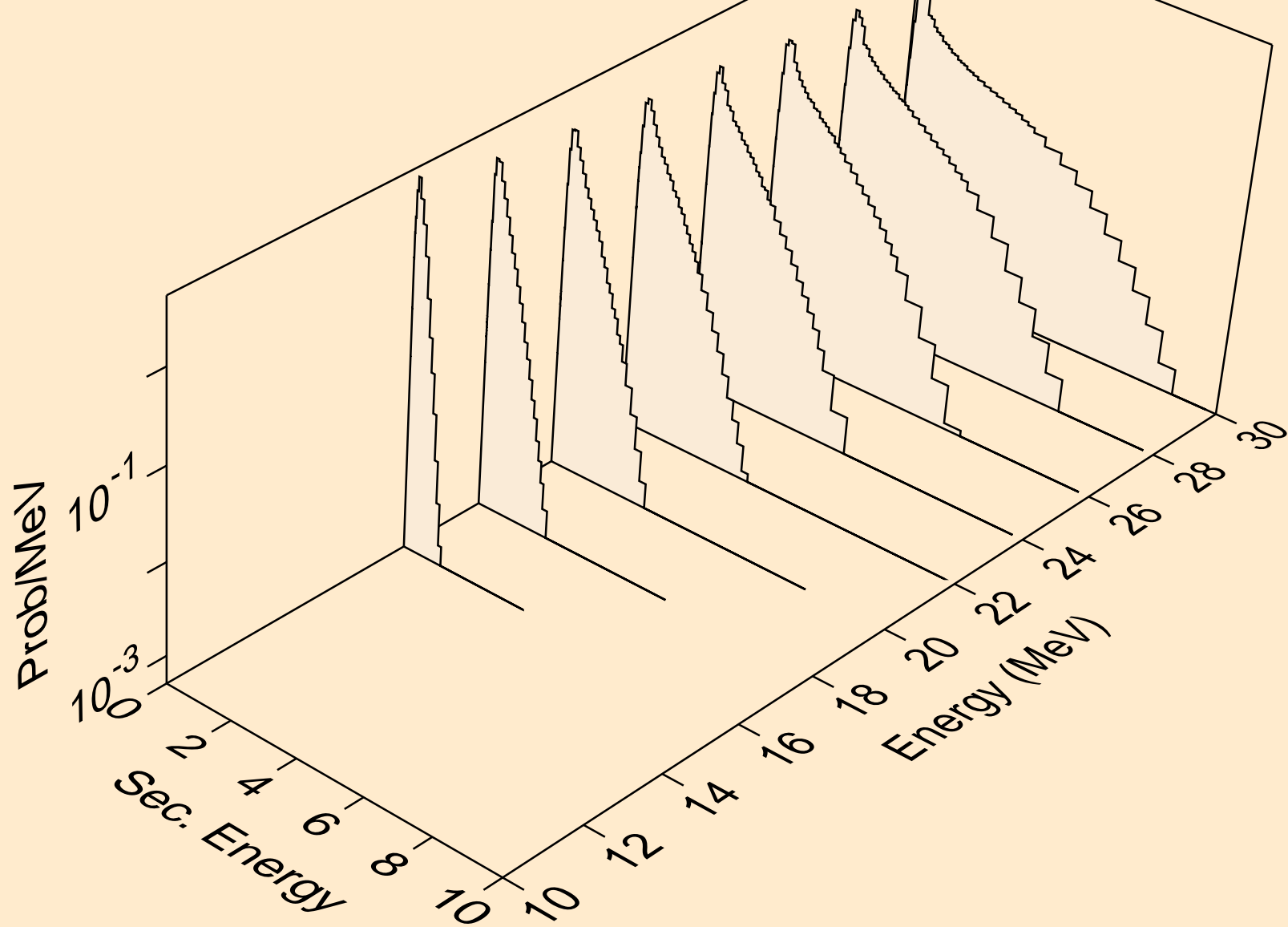
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

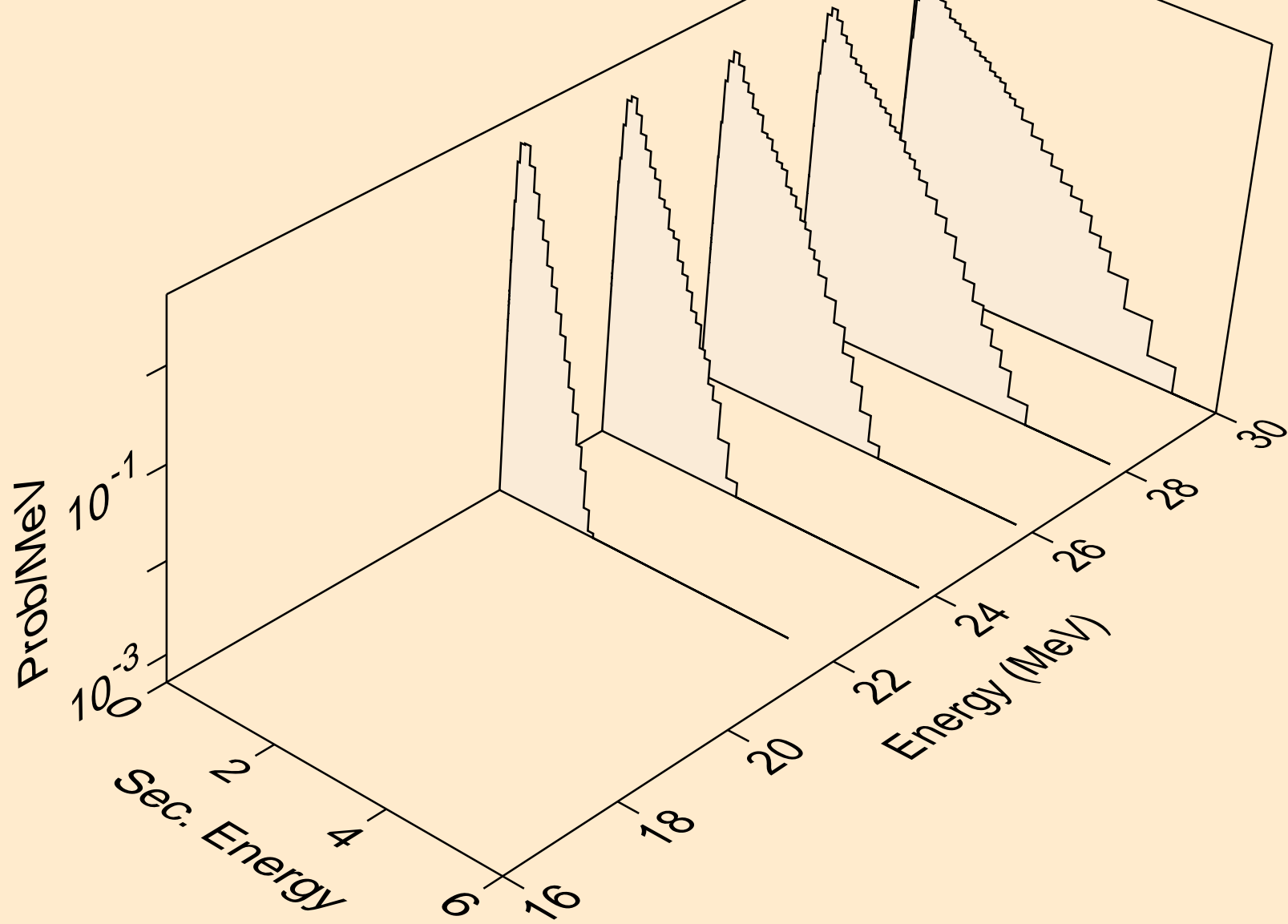


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

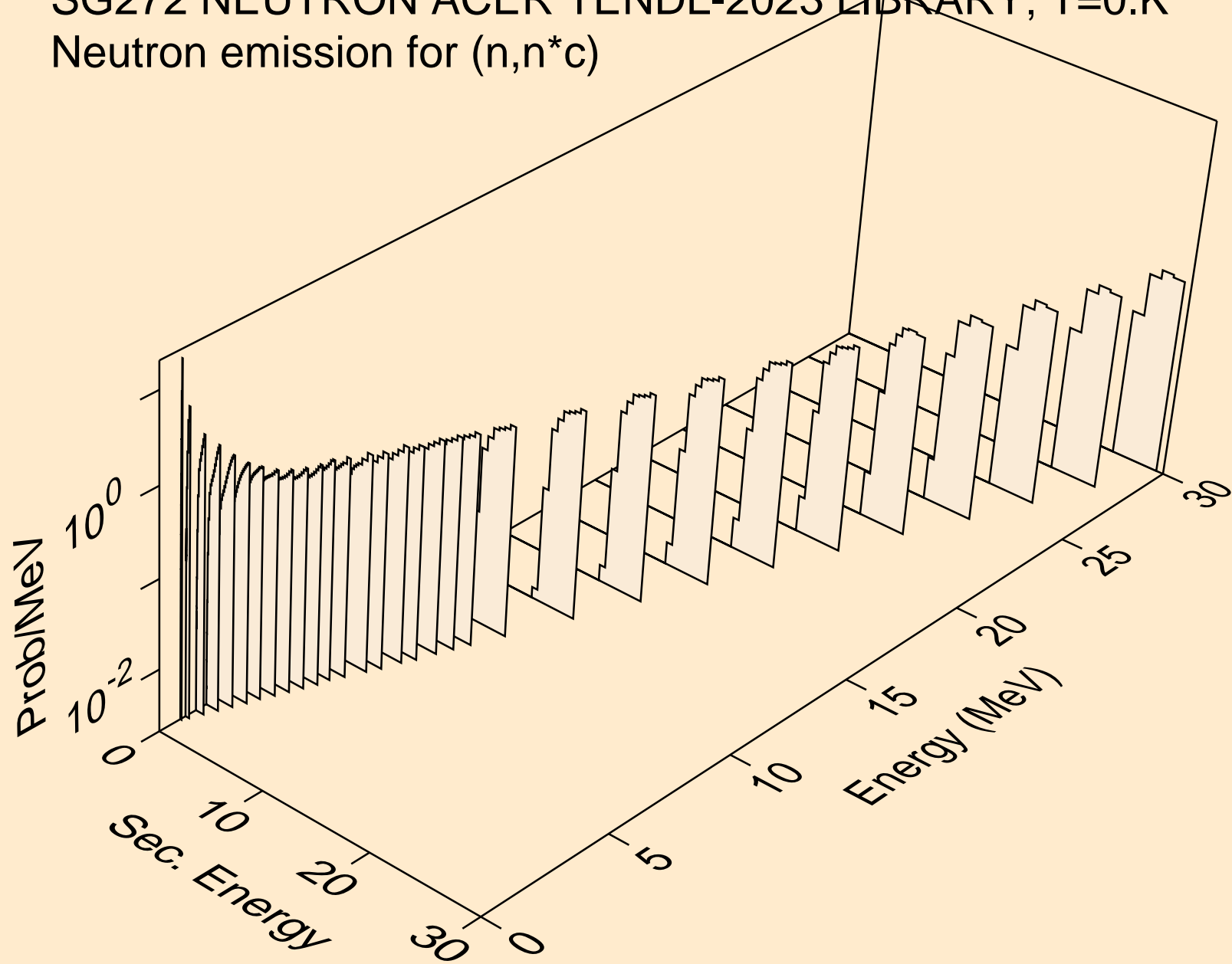




SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

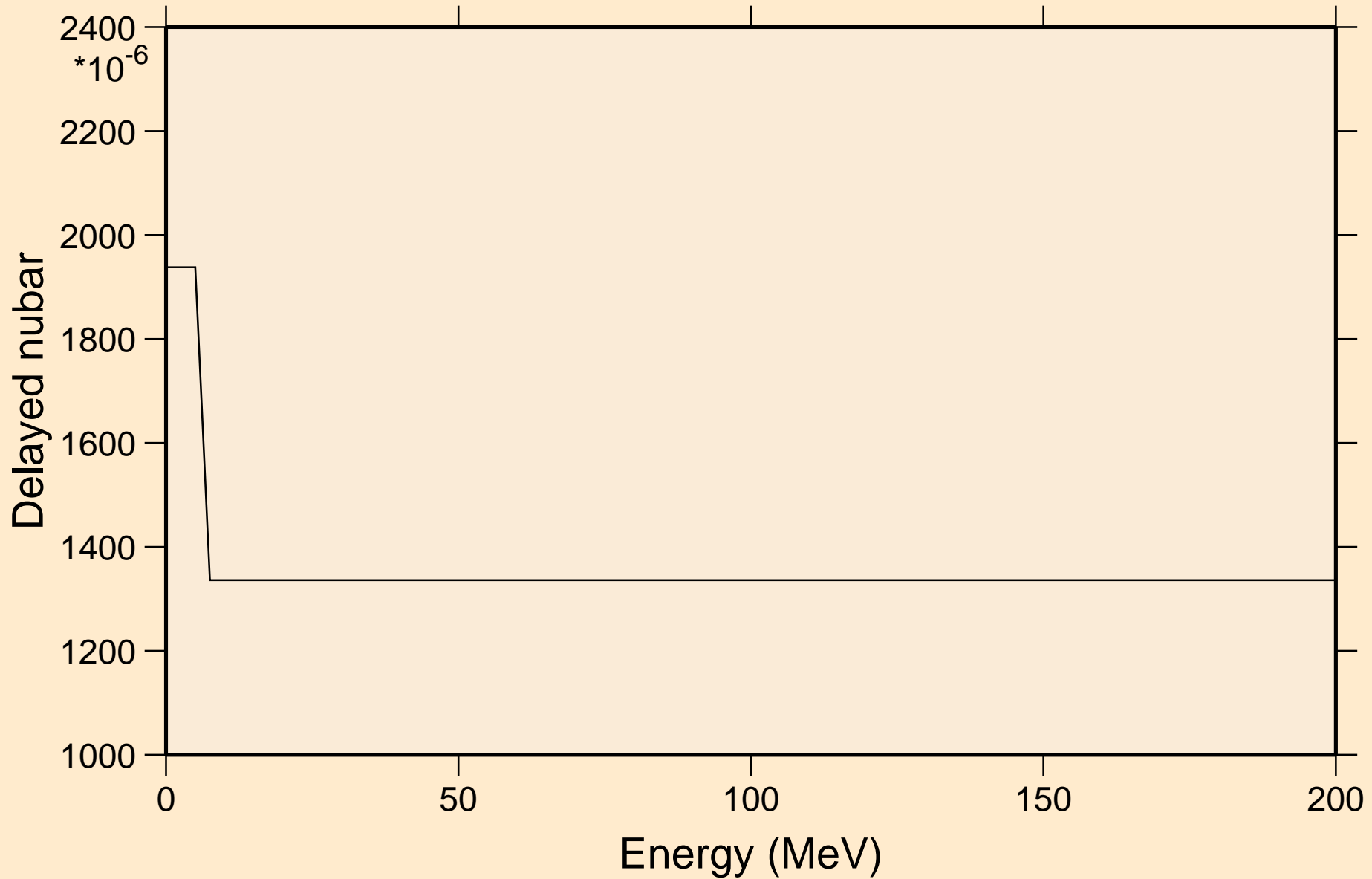


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



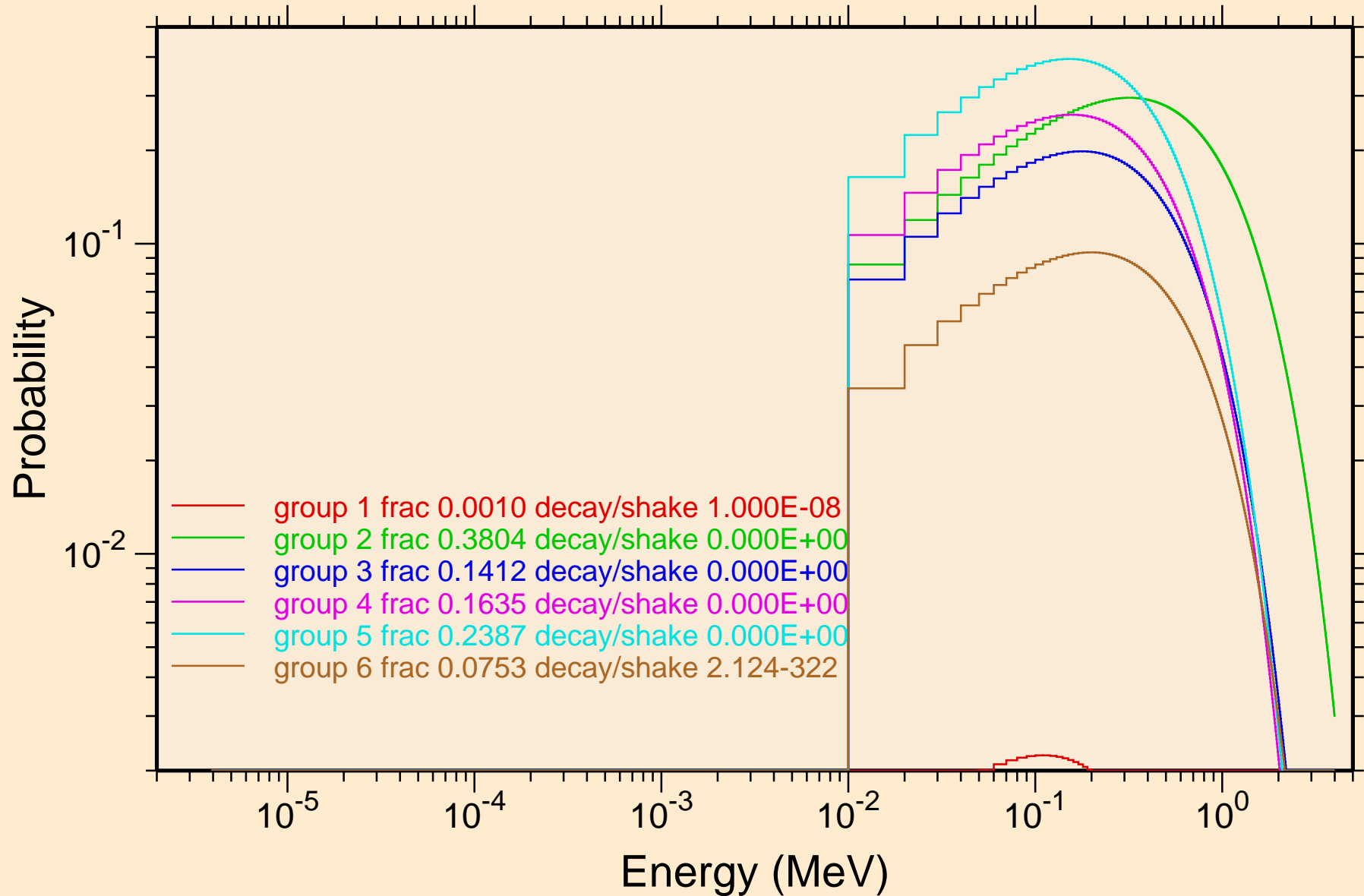
# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

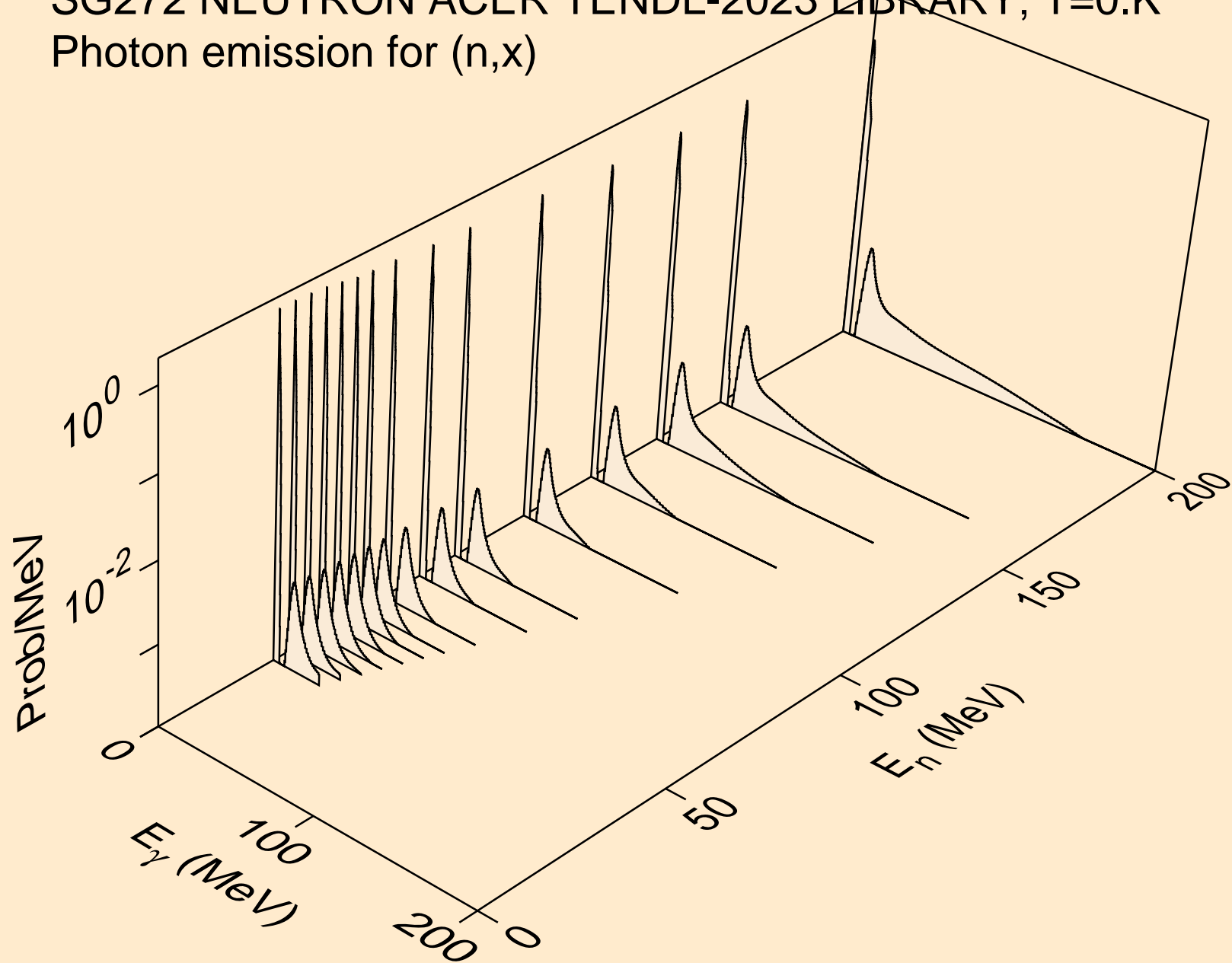


# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

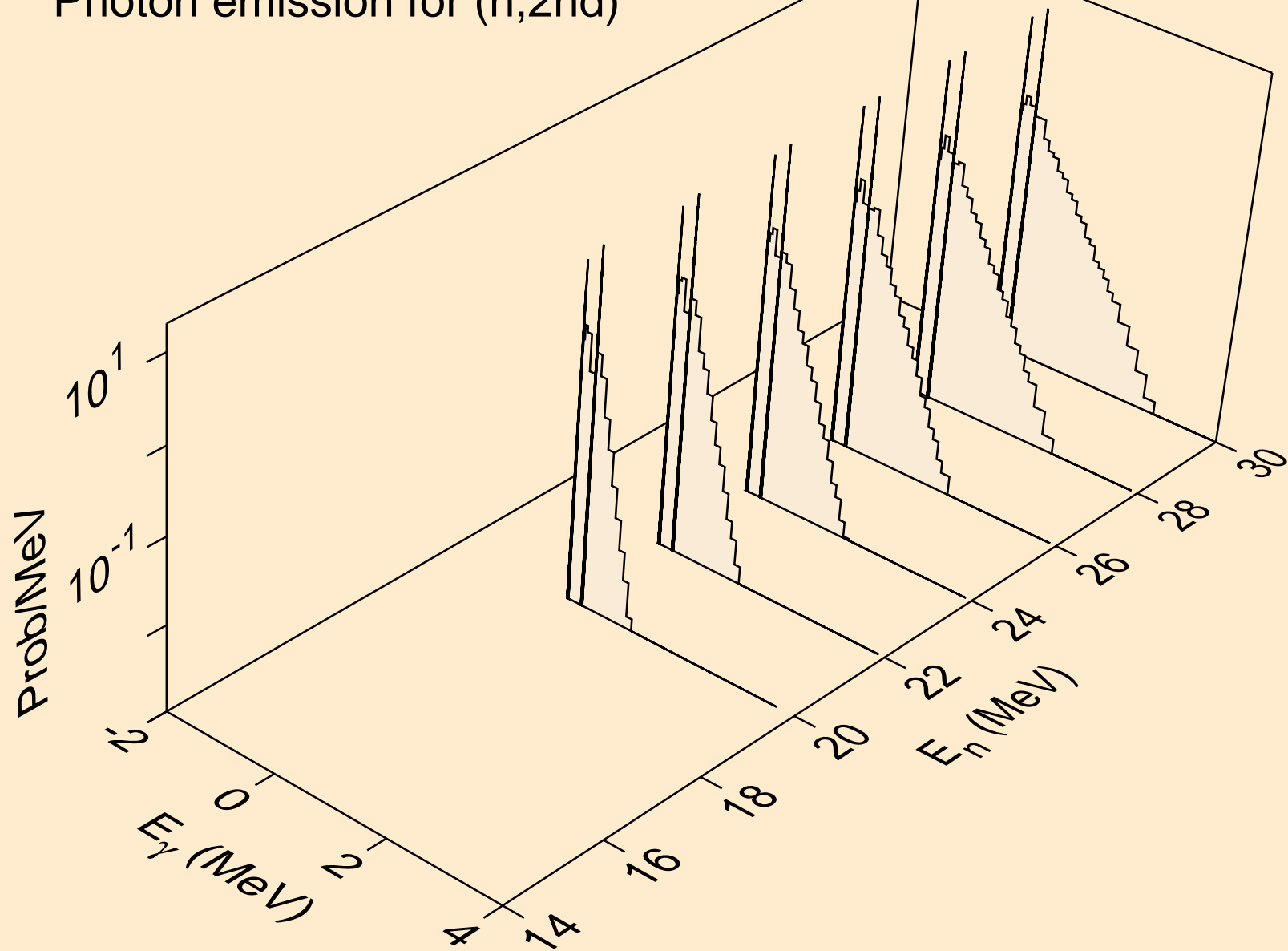
## Delayed neutron spectra



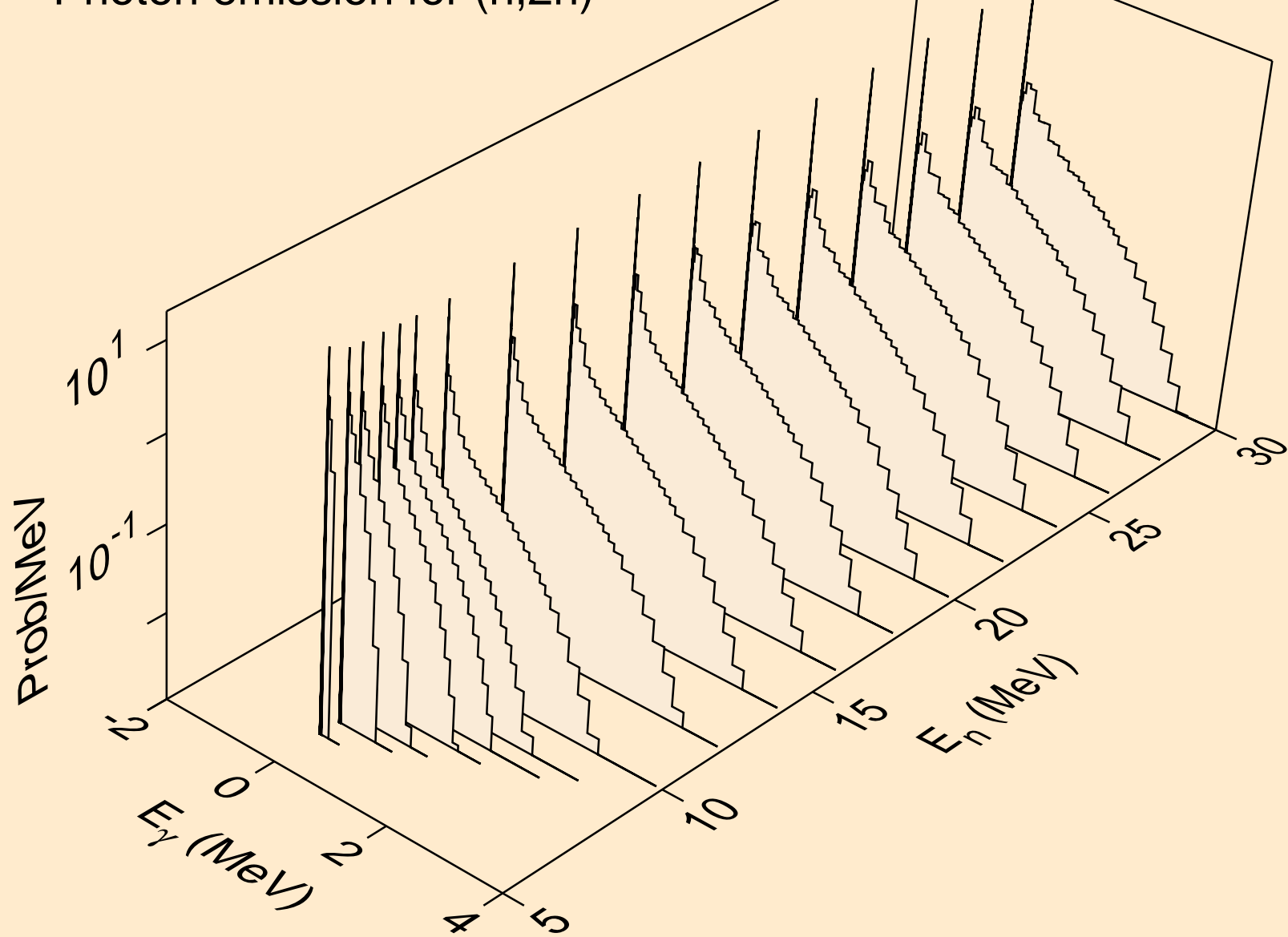
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



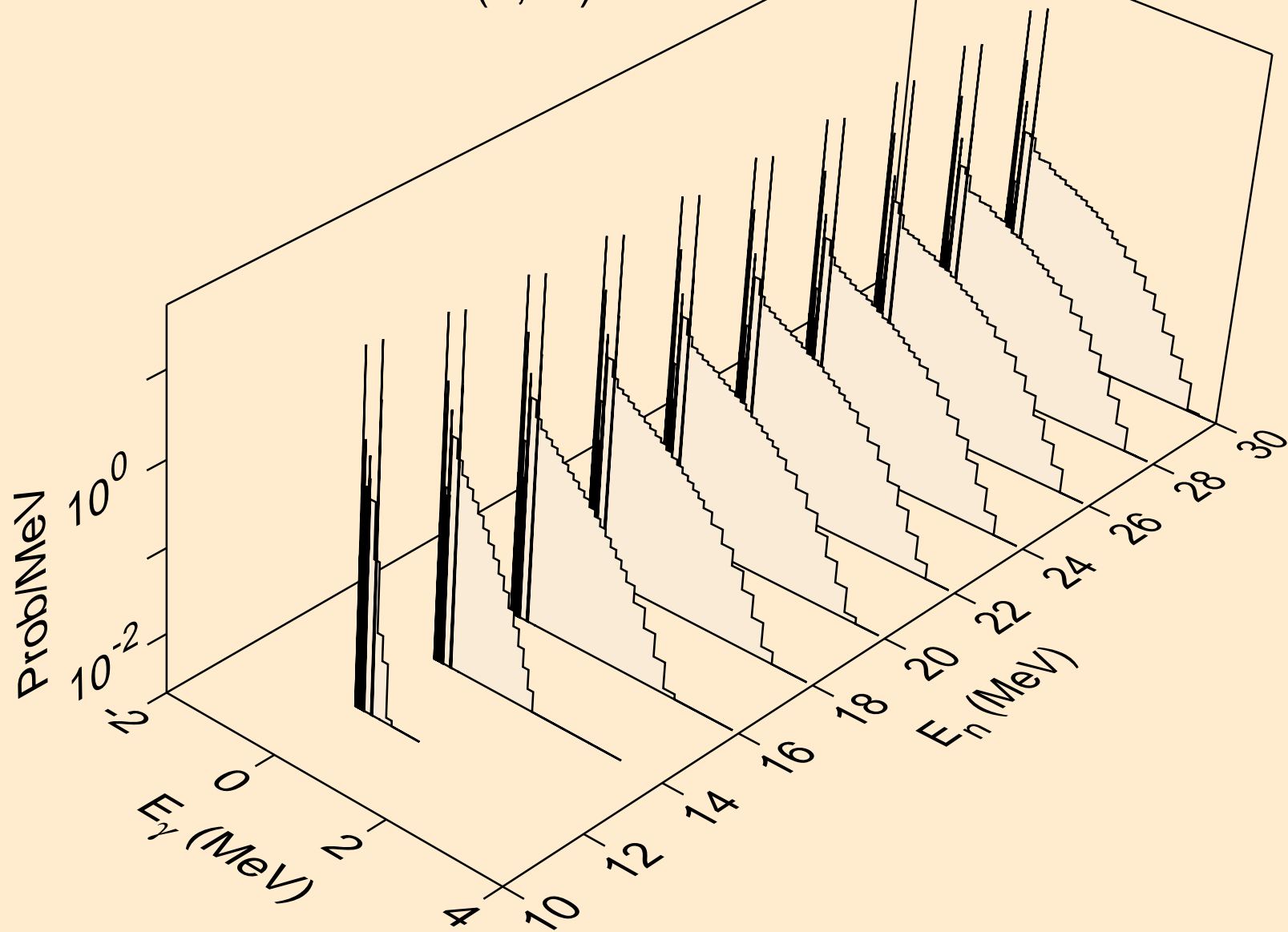
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

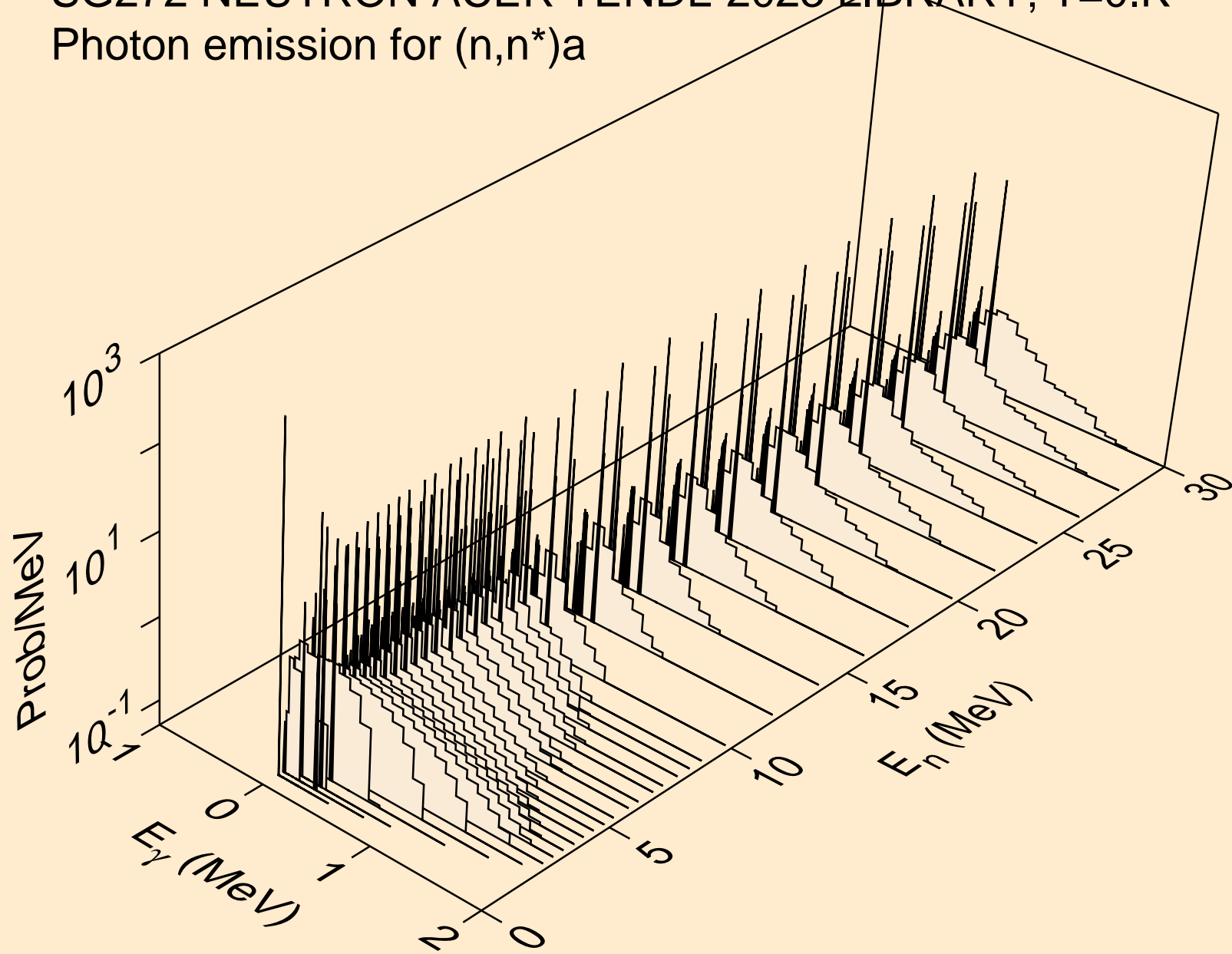


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

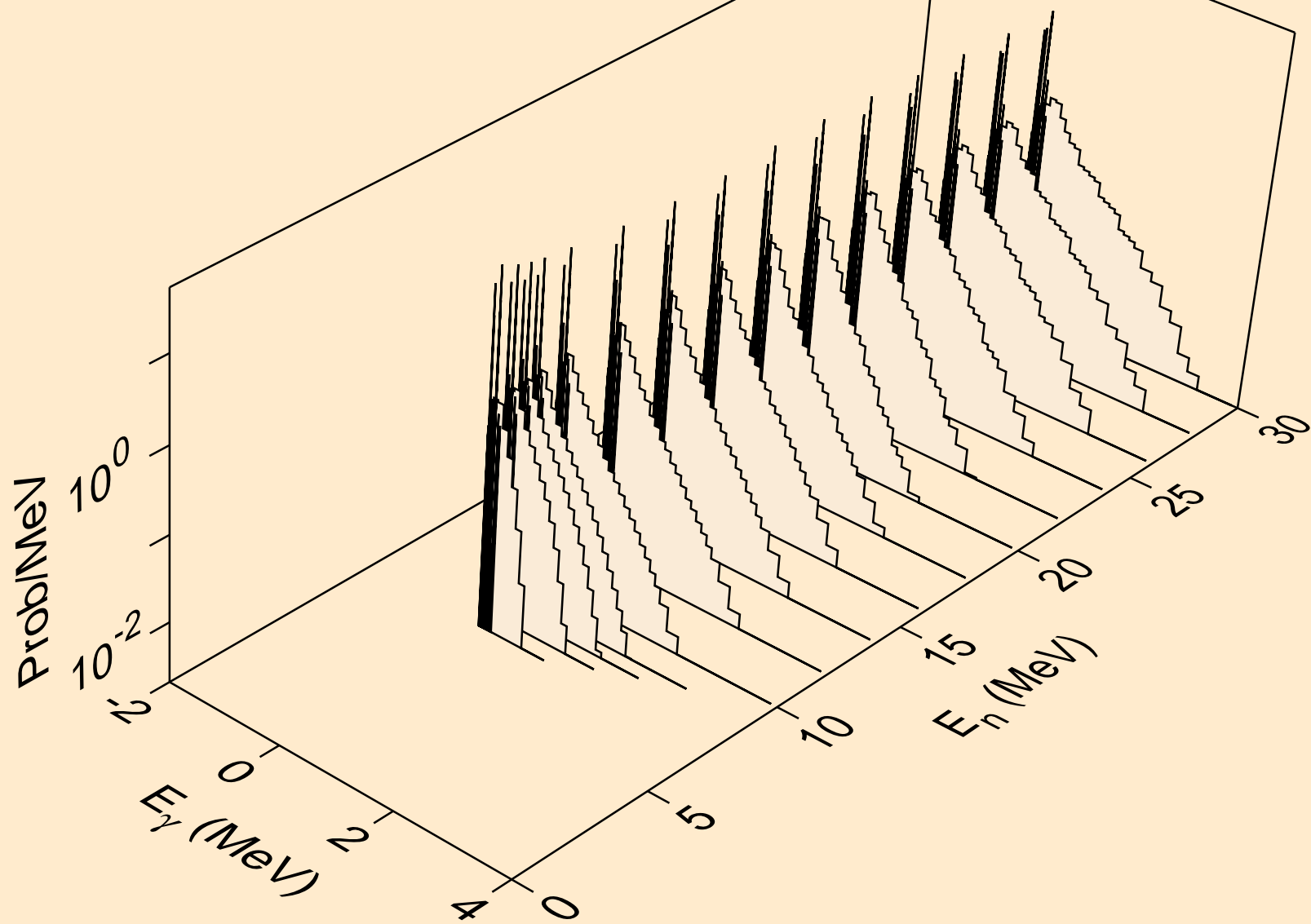




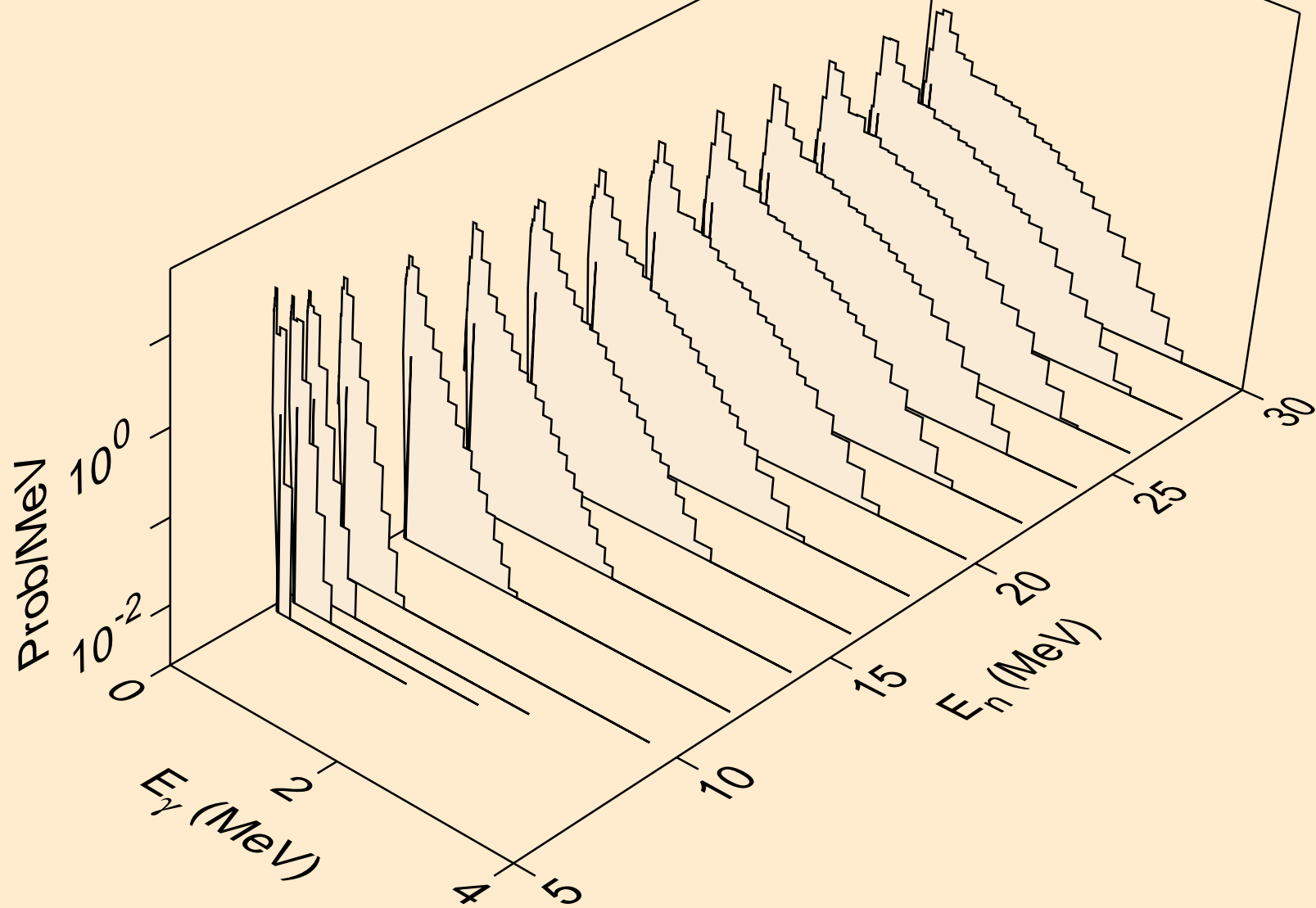
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



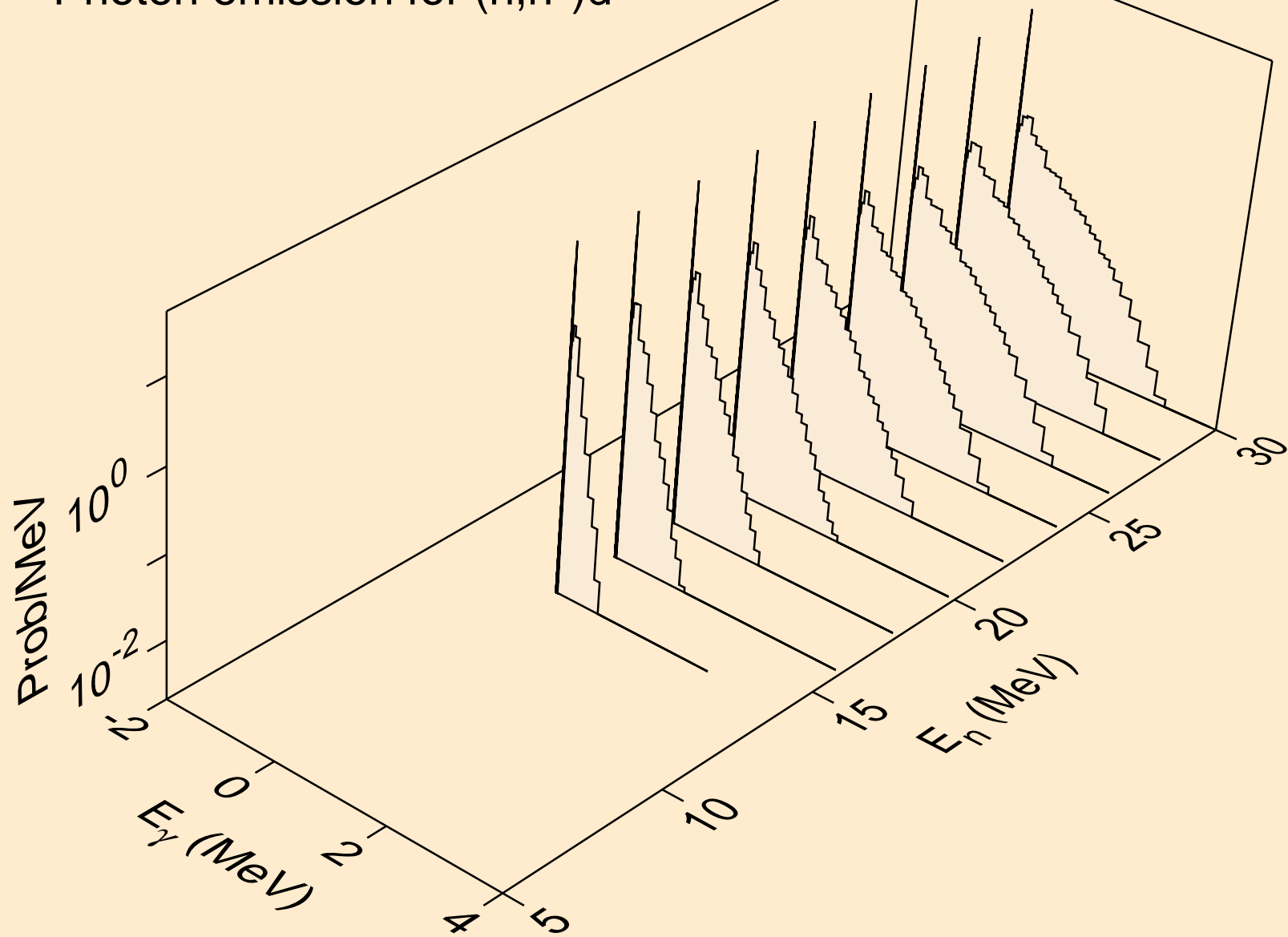
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



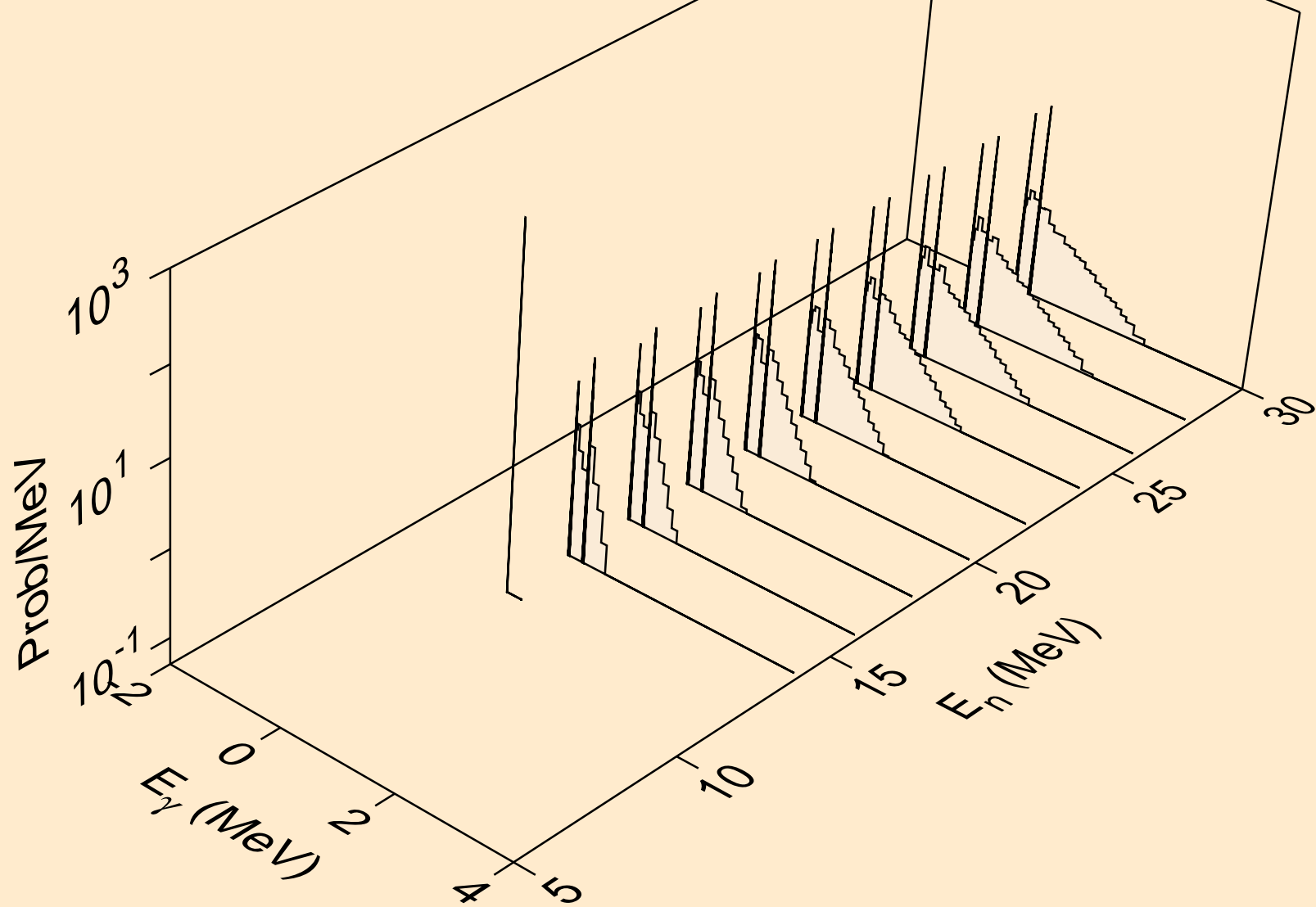
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



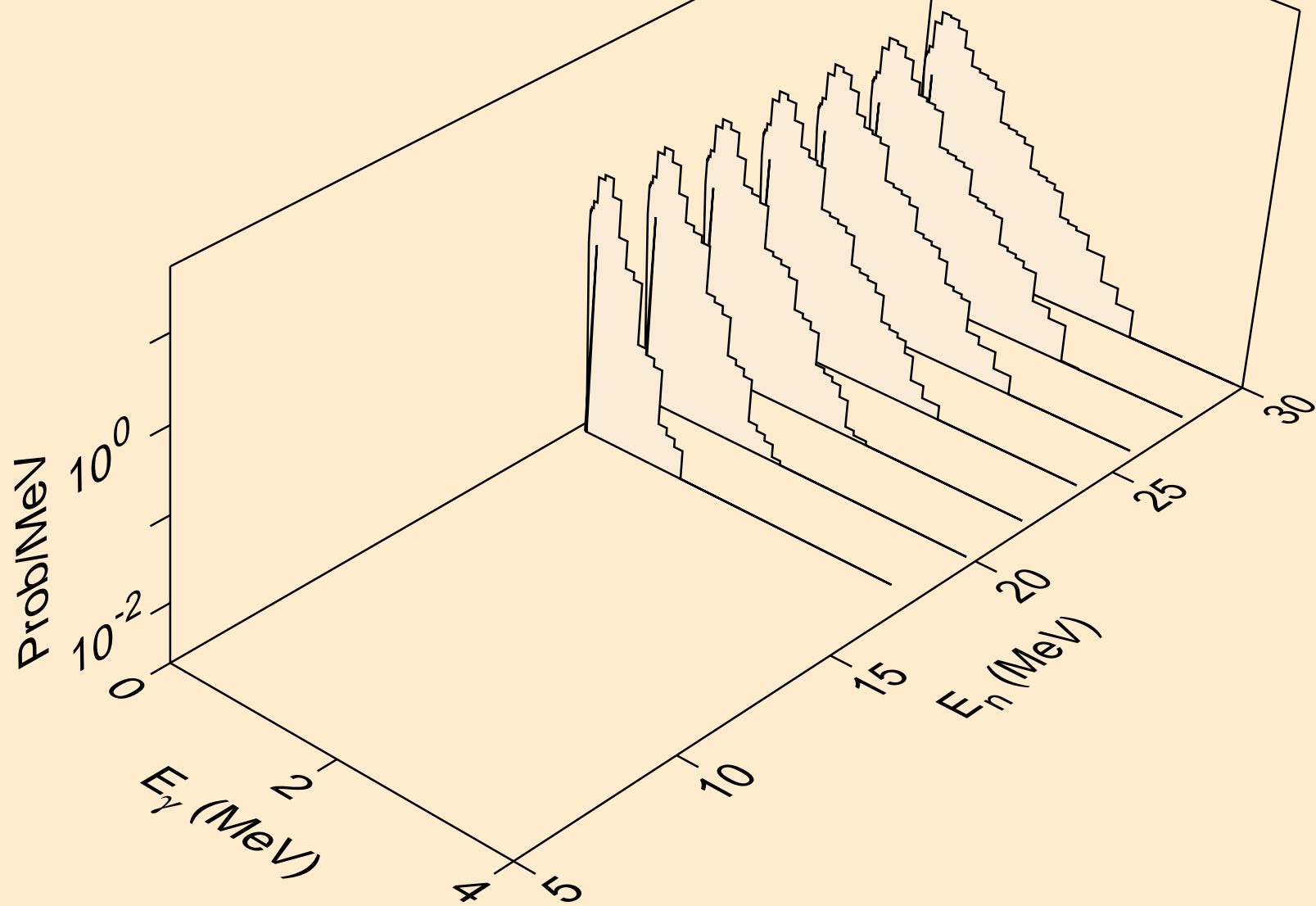
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



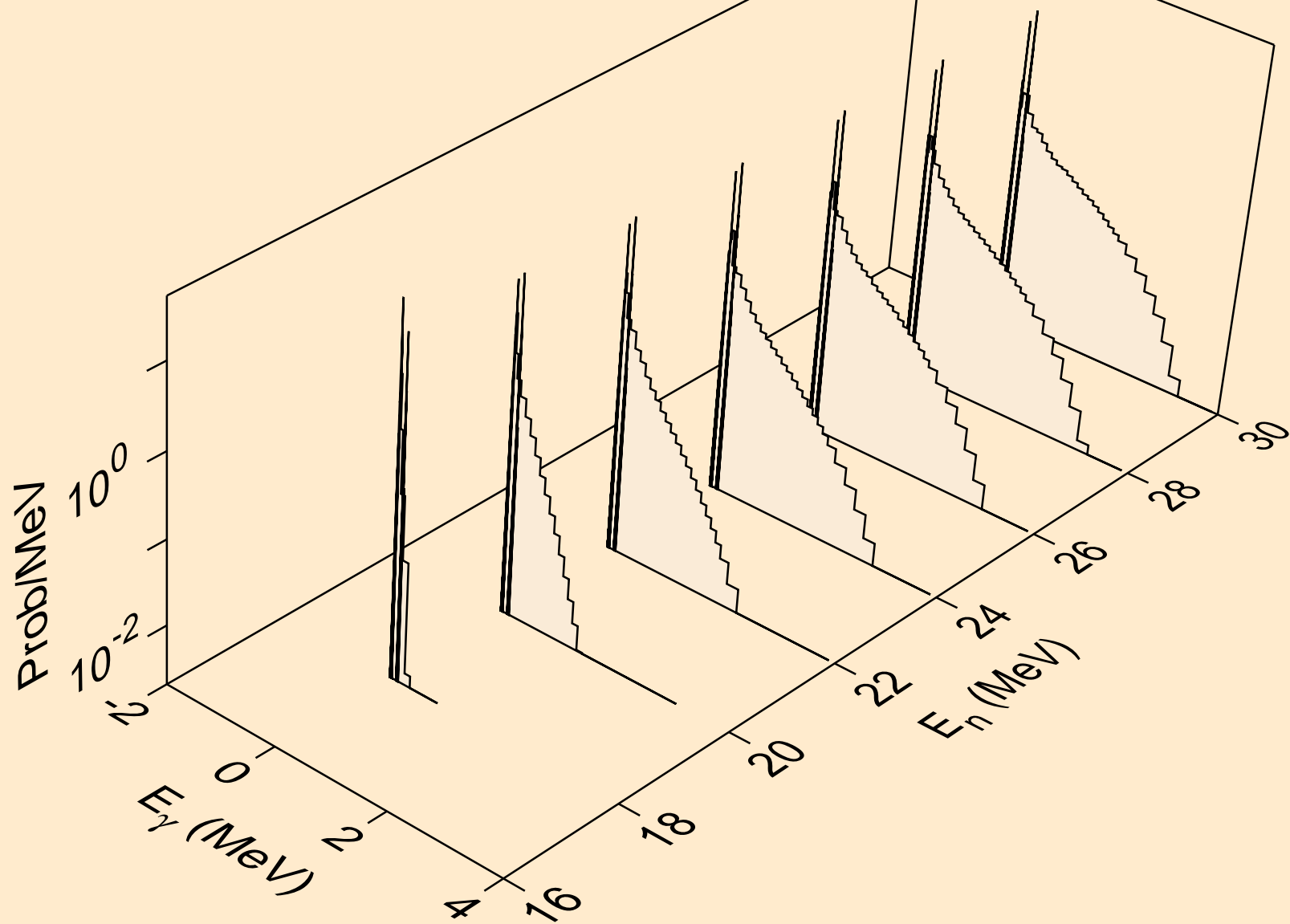
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



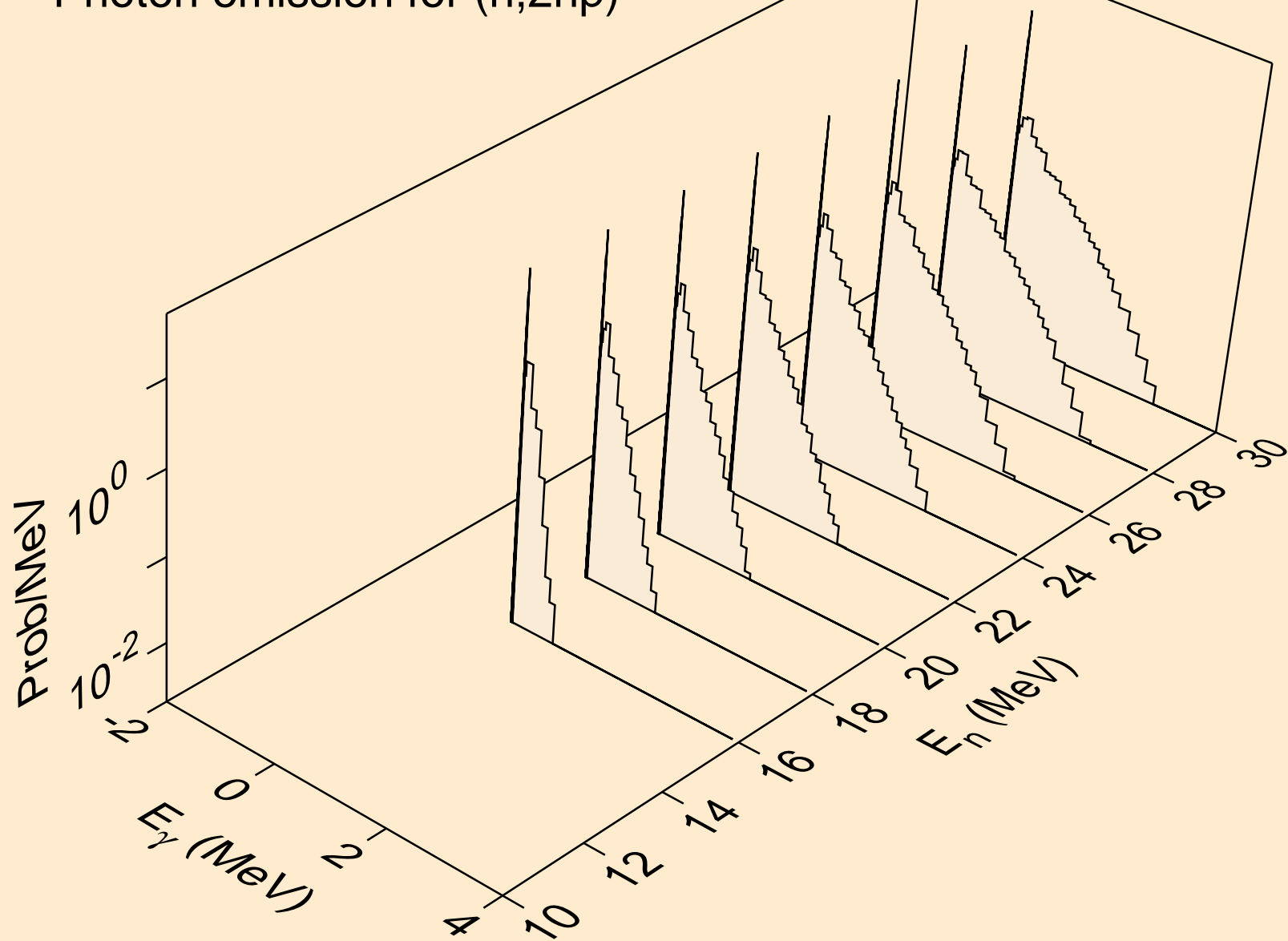
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

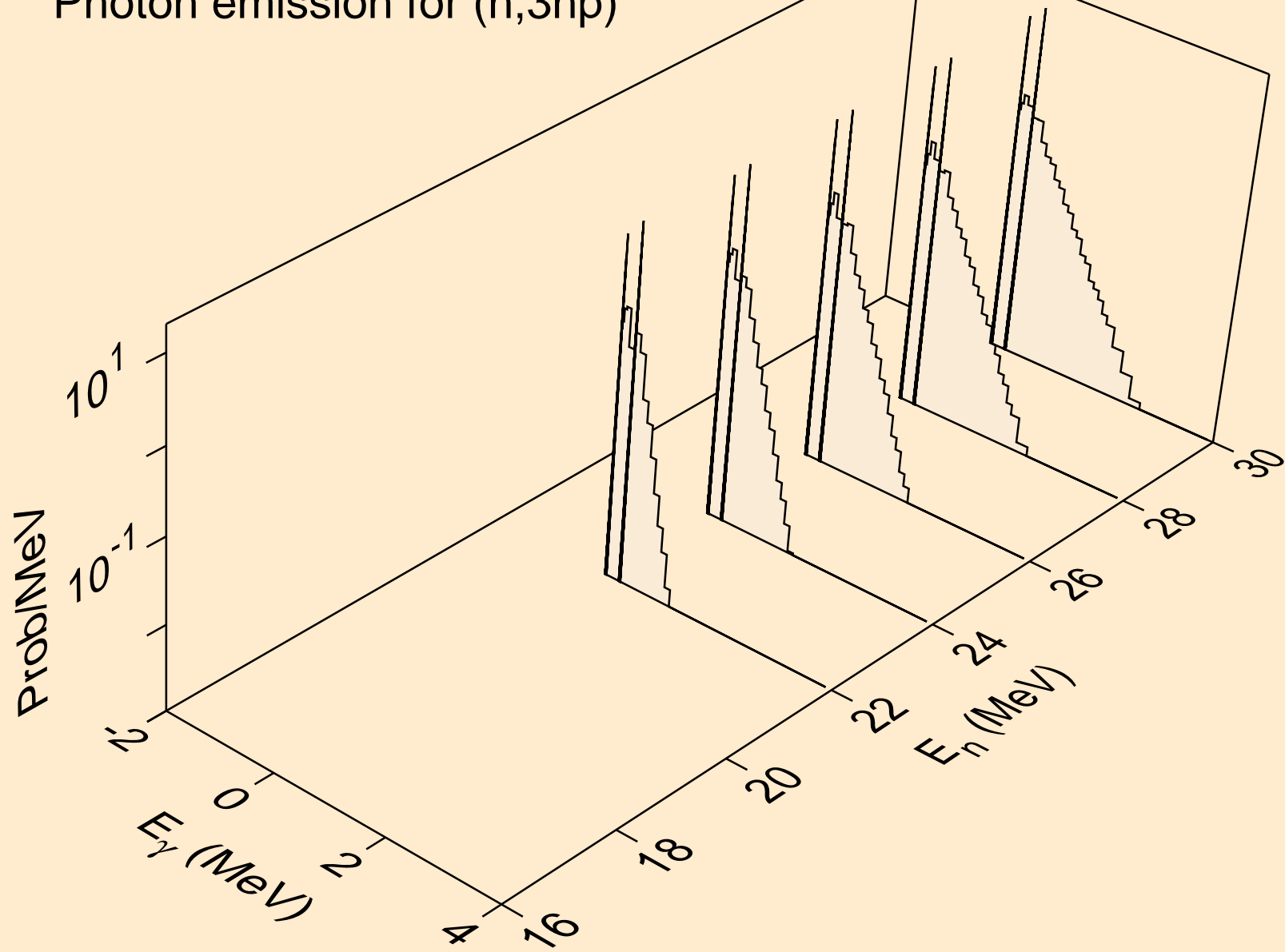


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

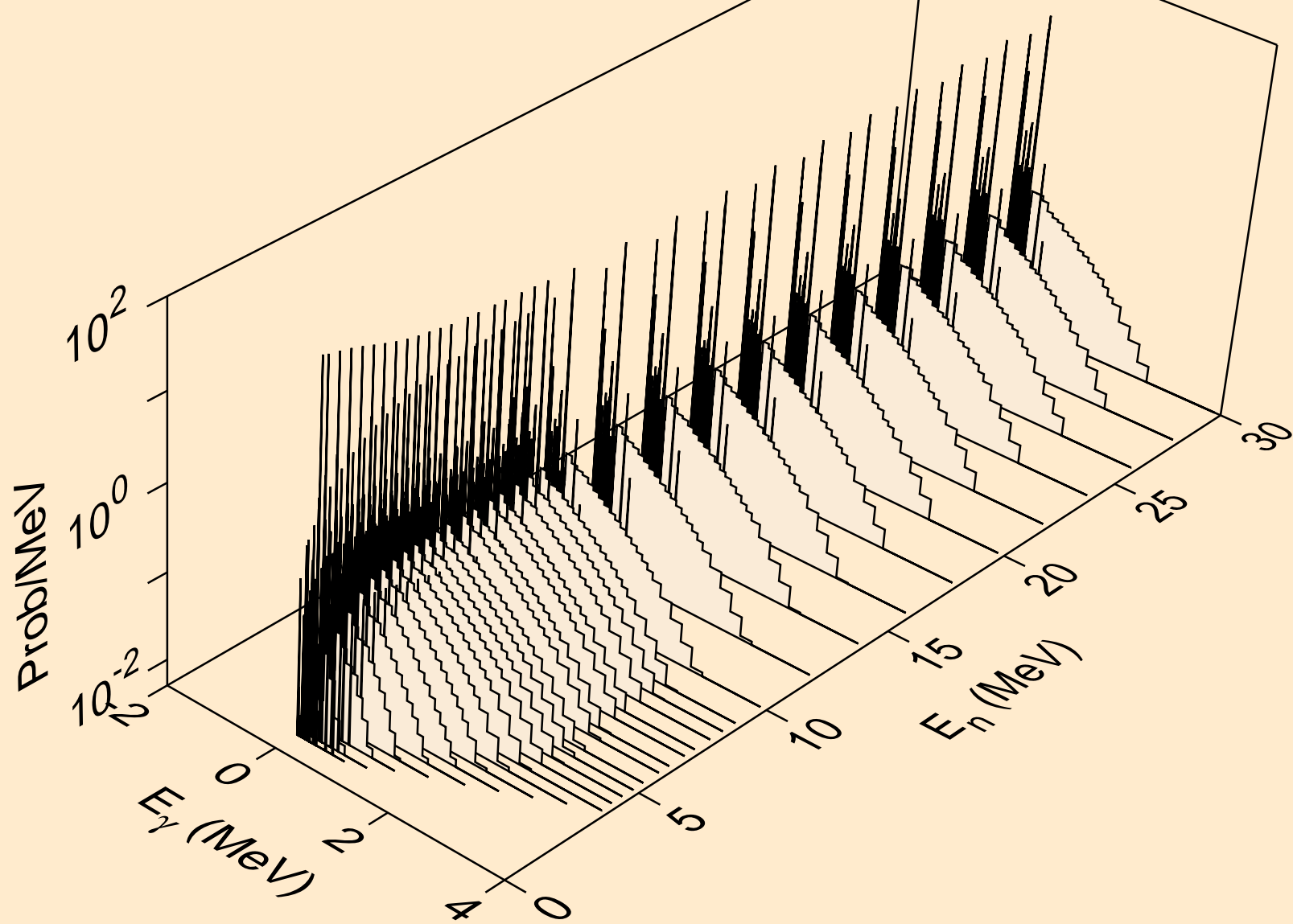




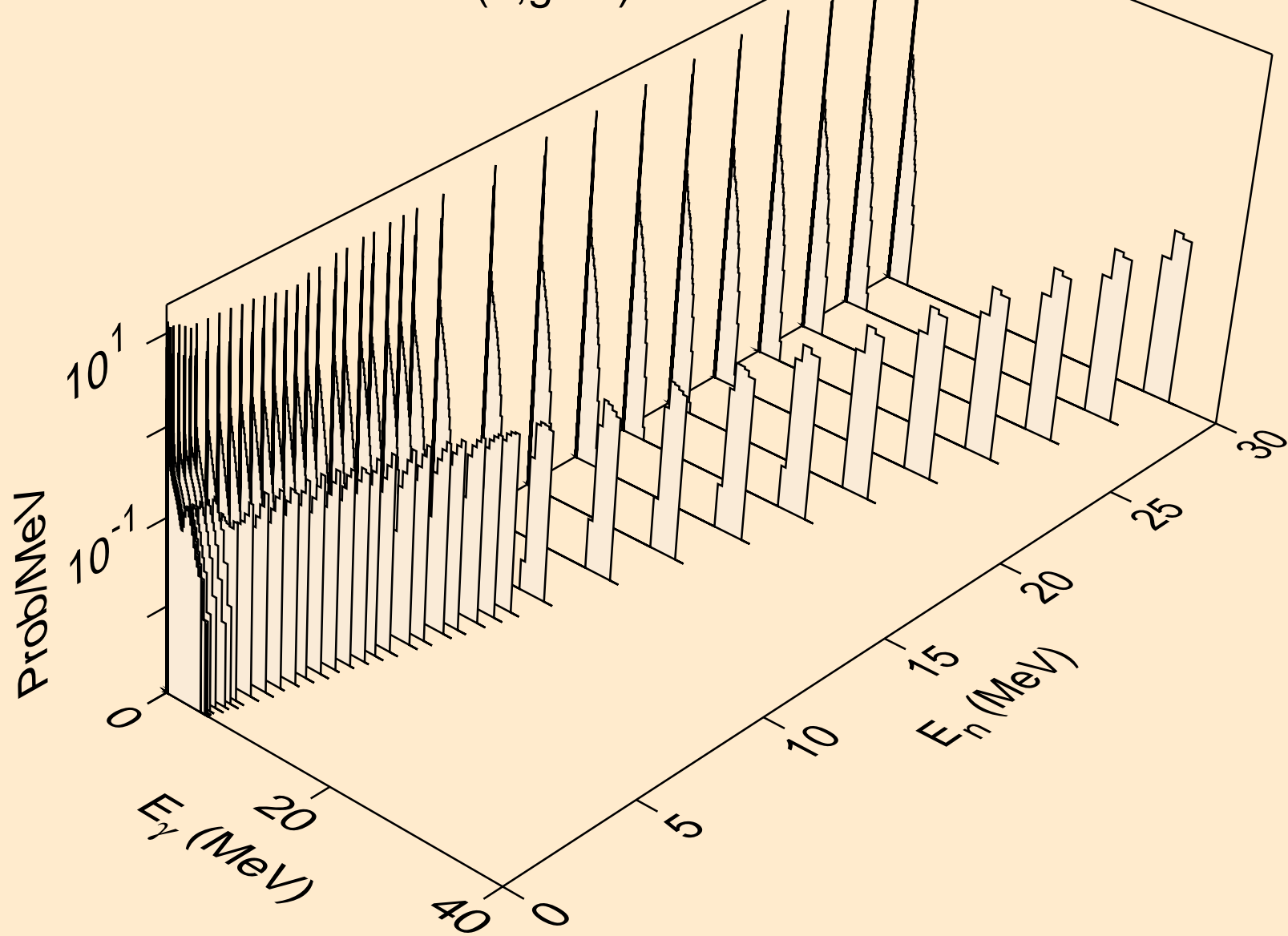
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



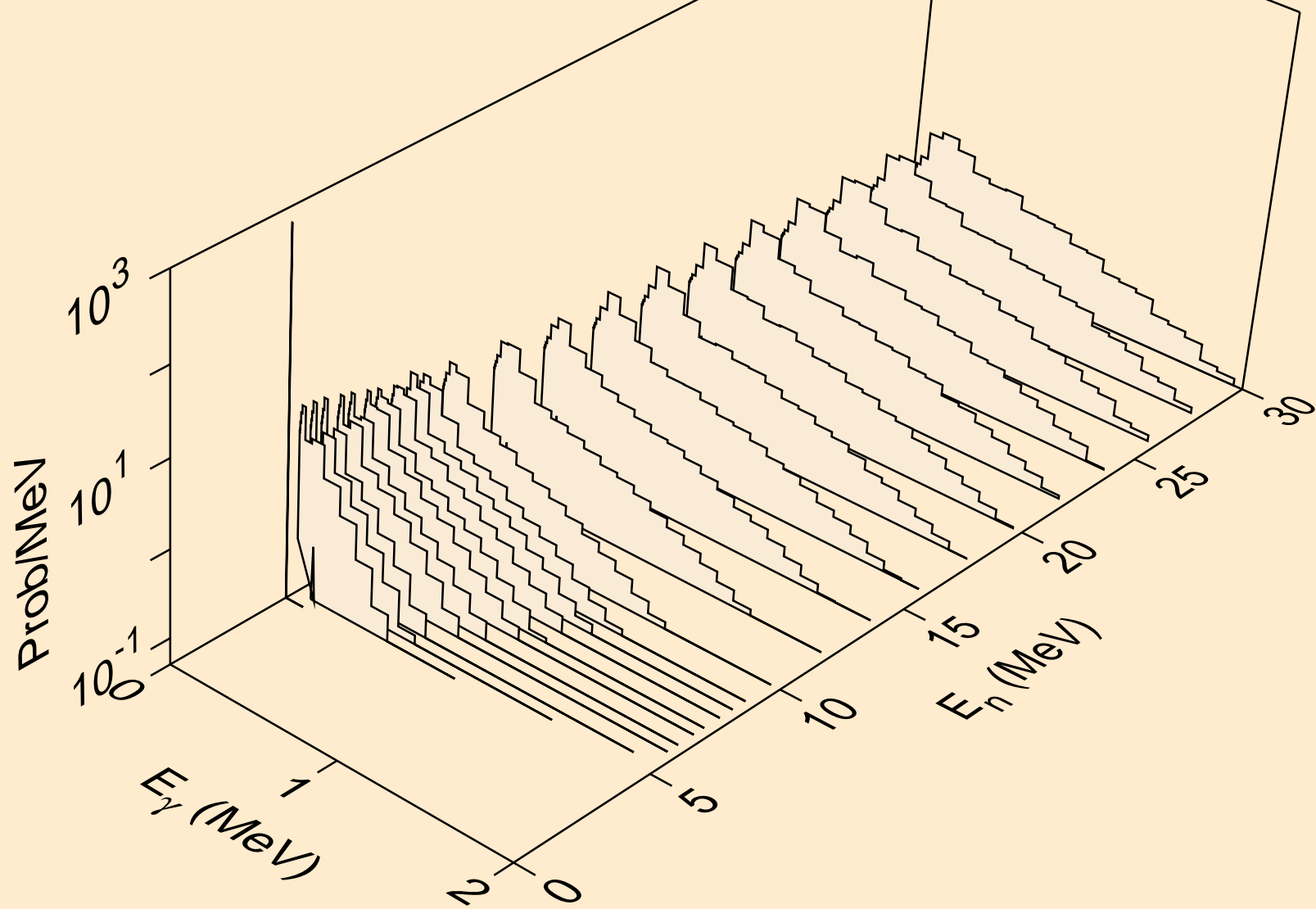
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



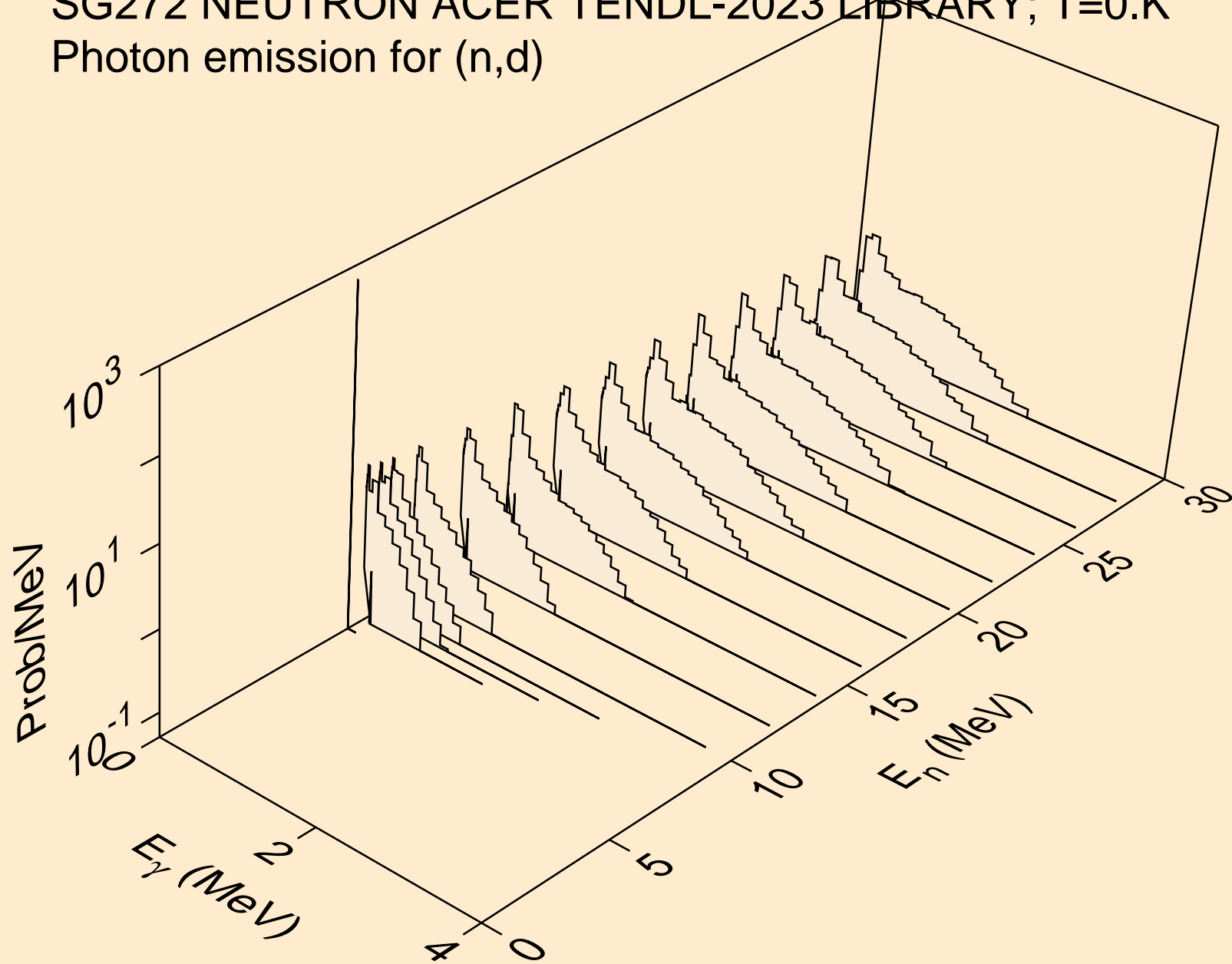
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



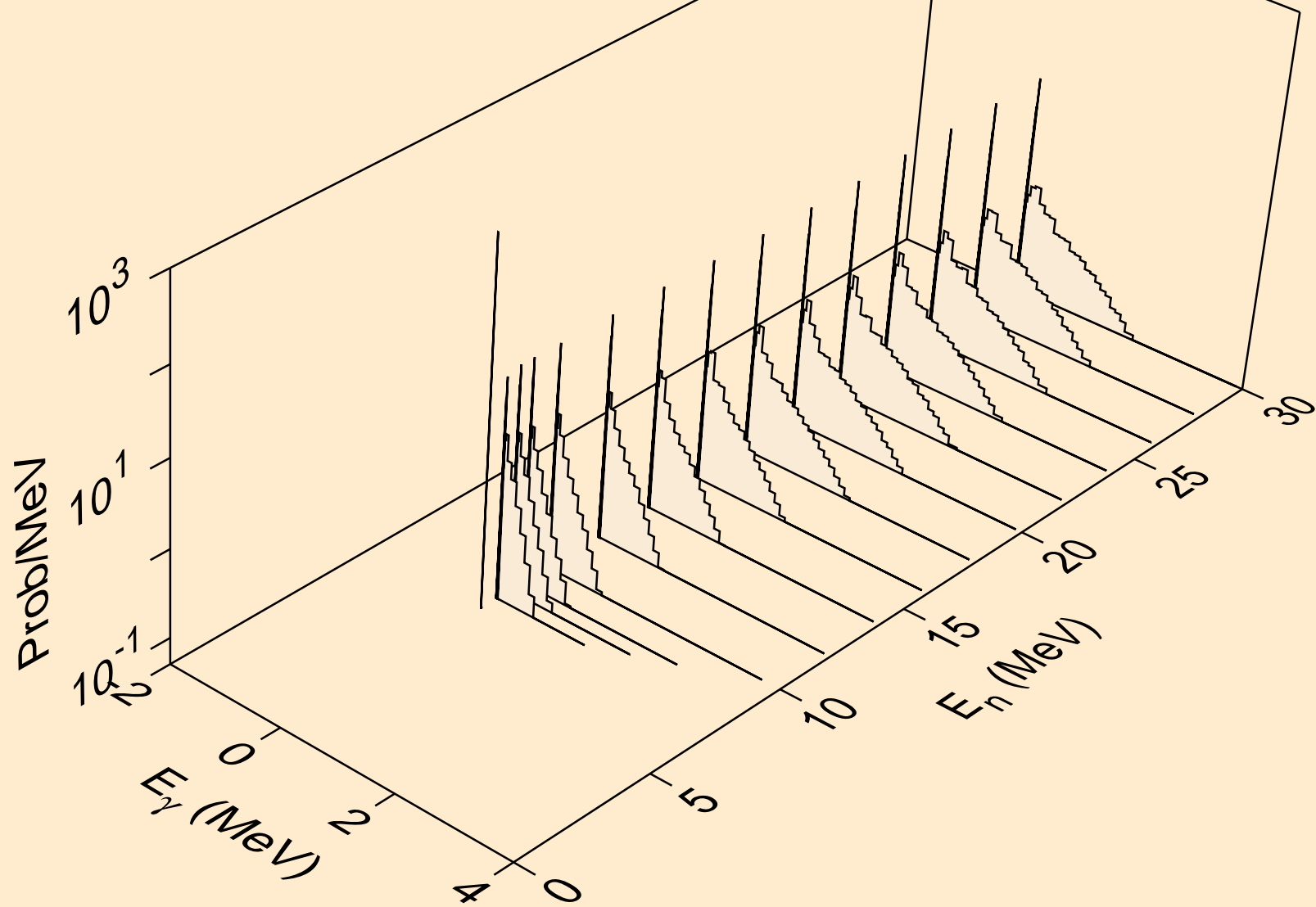
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



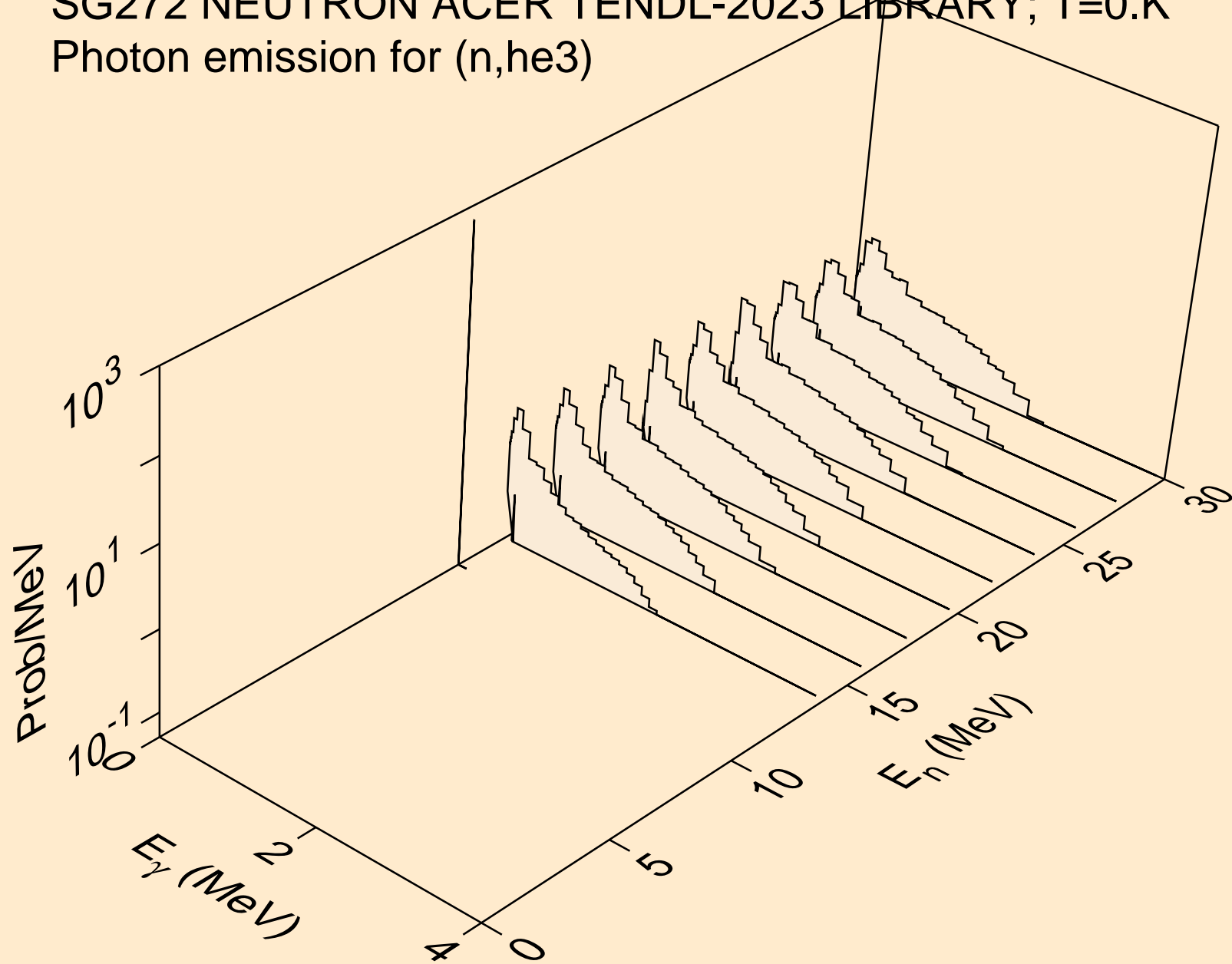
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



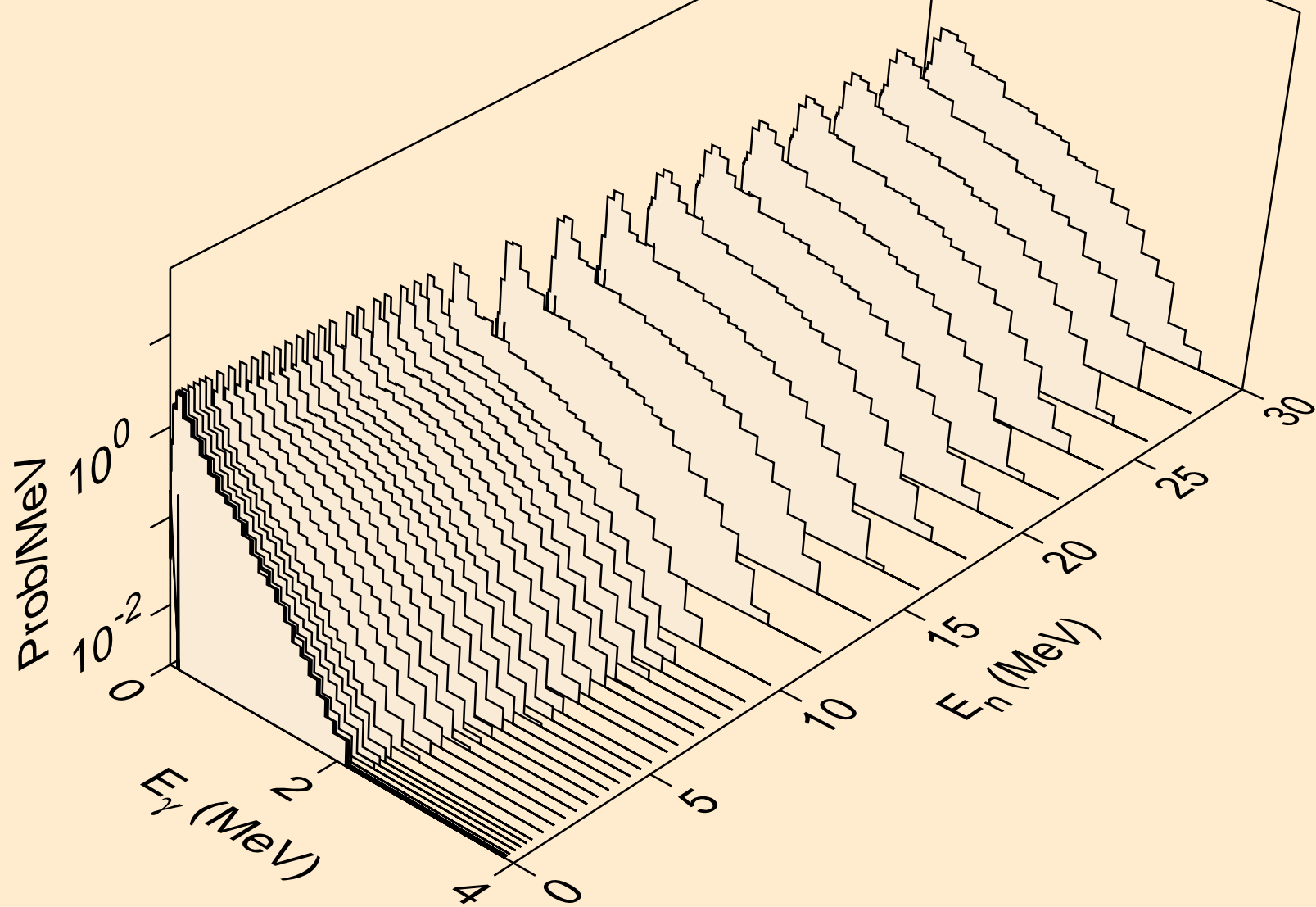
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

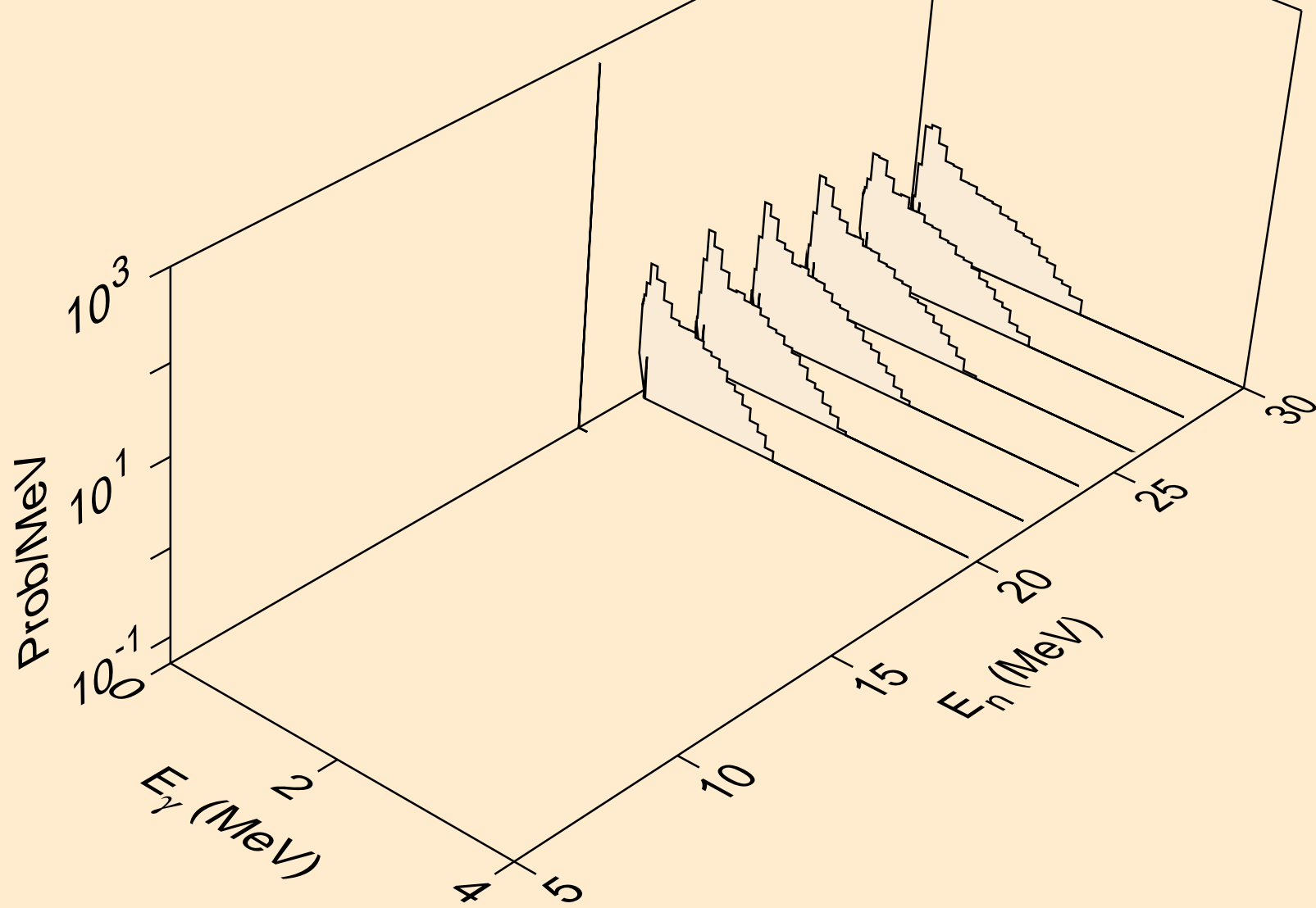


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

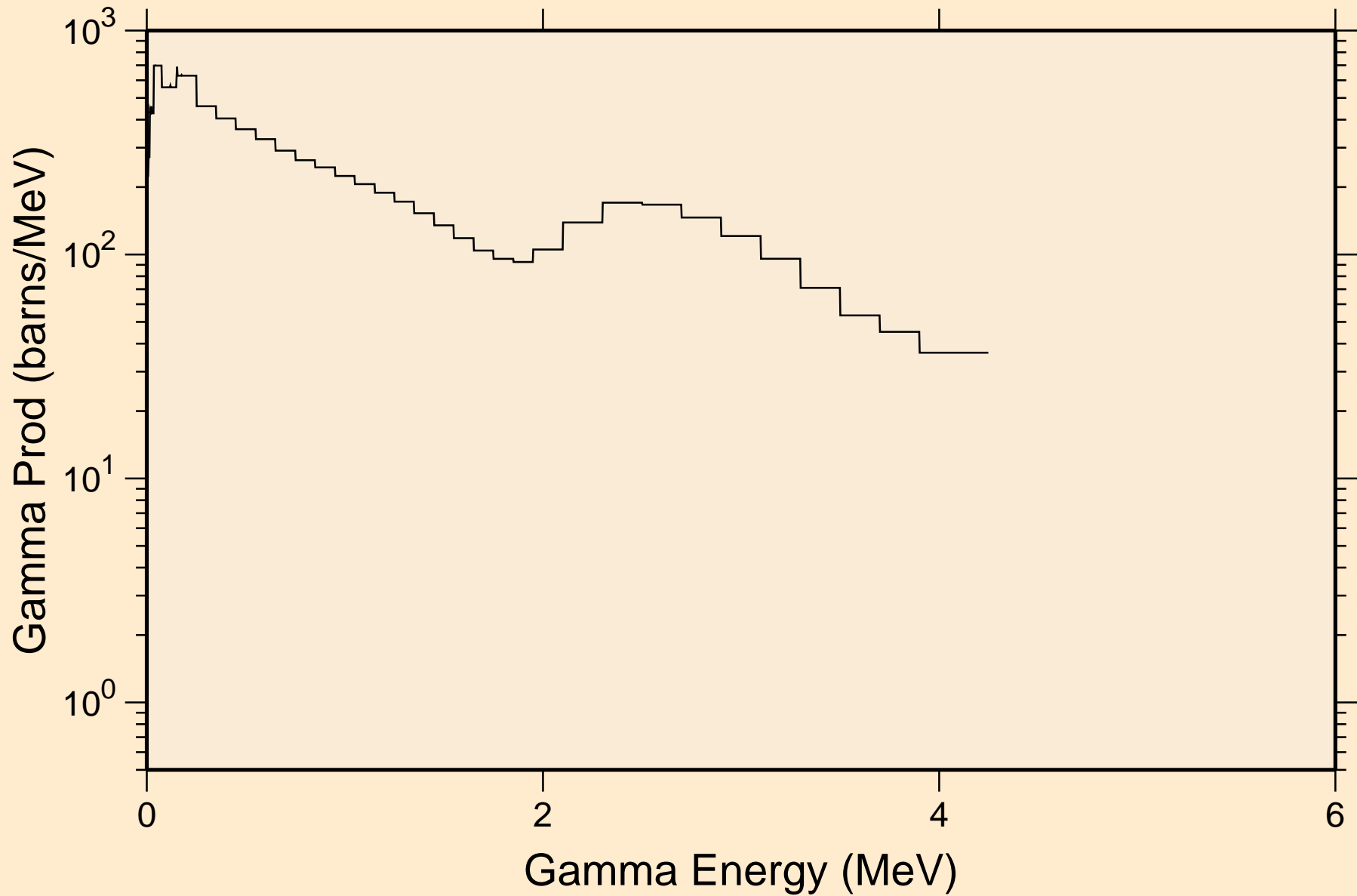




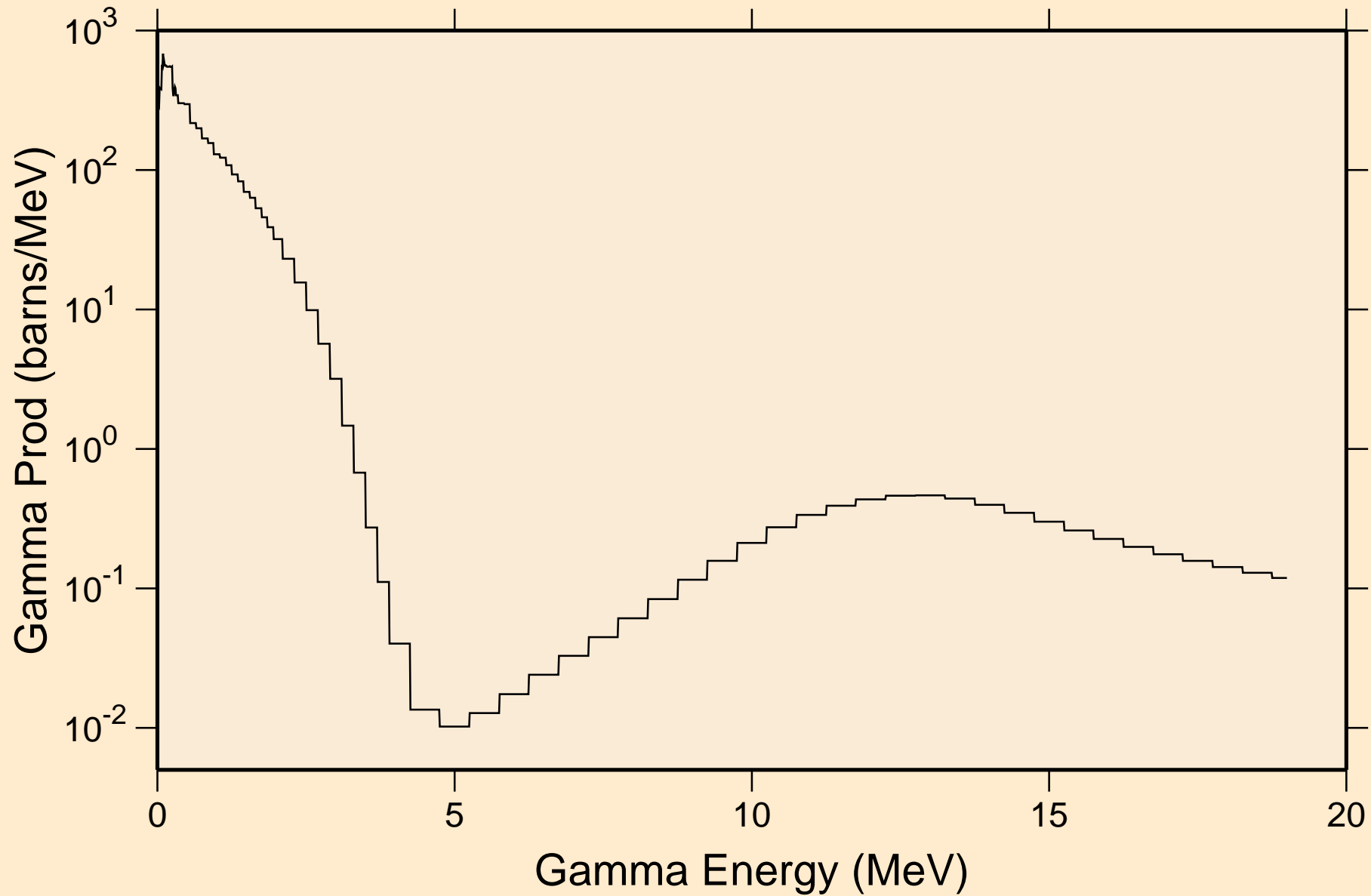
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

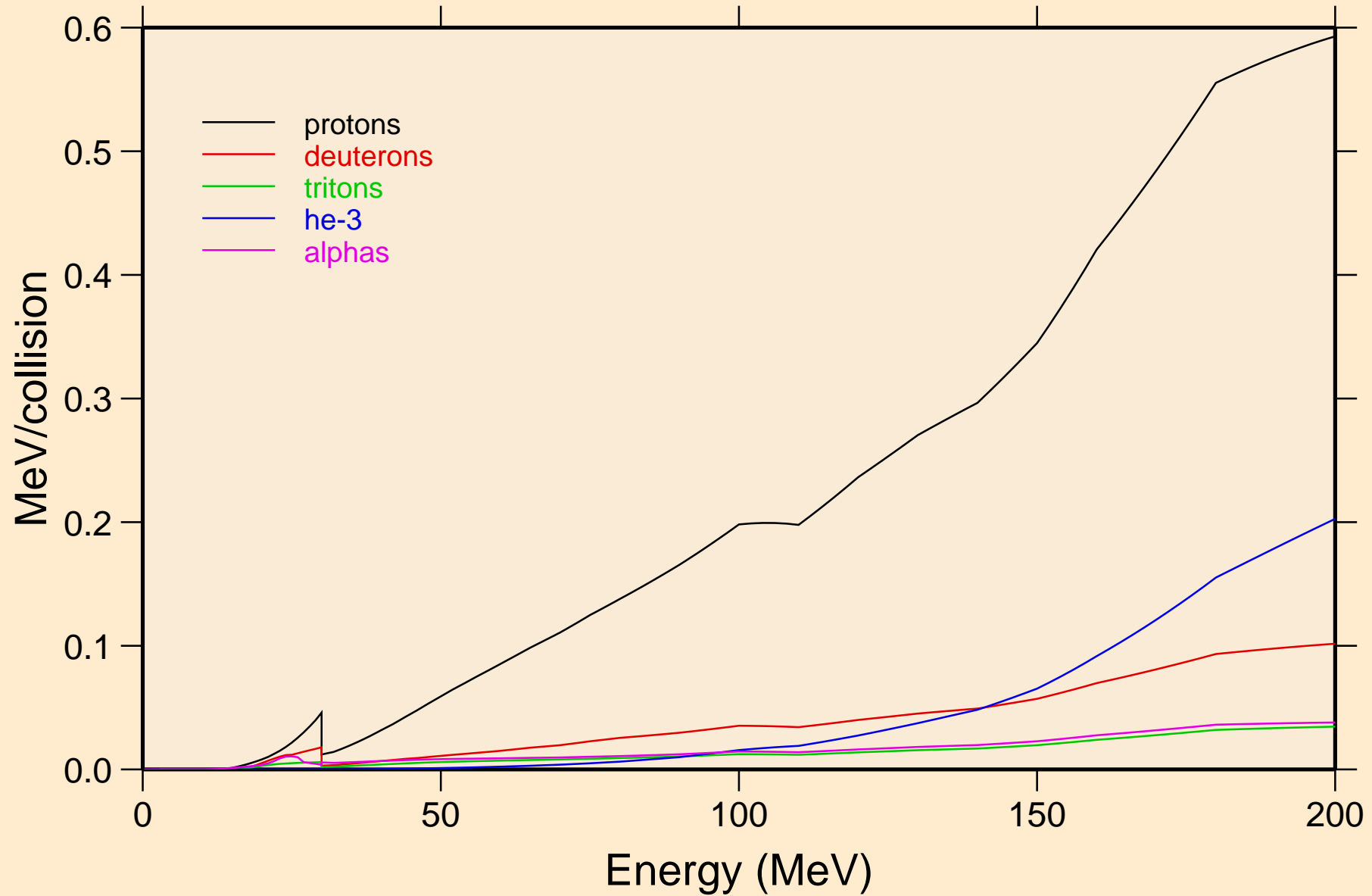


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



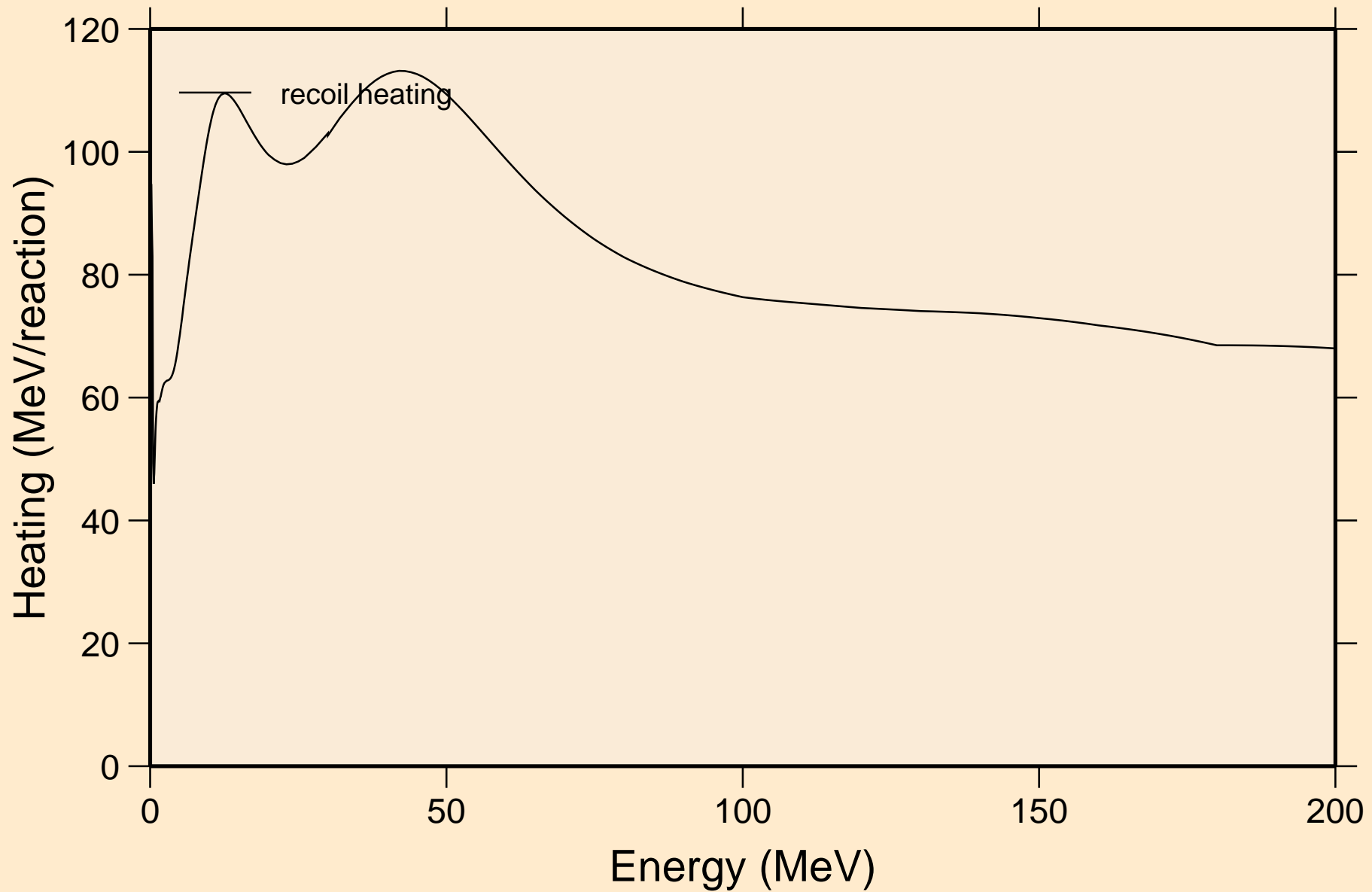
# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



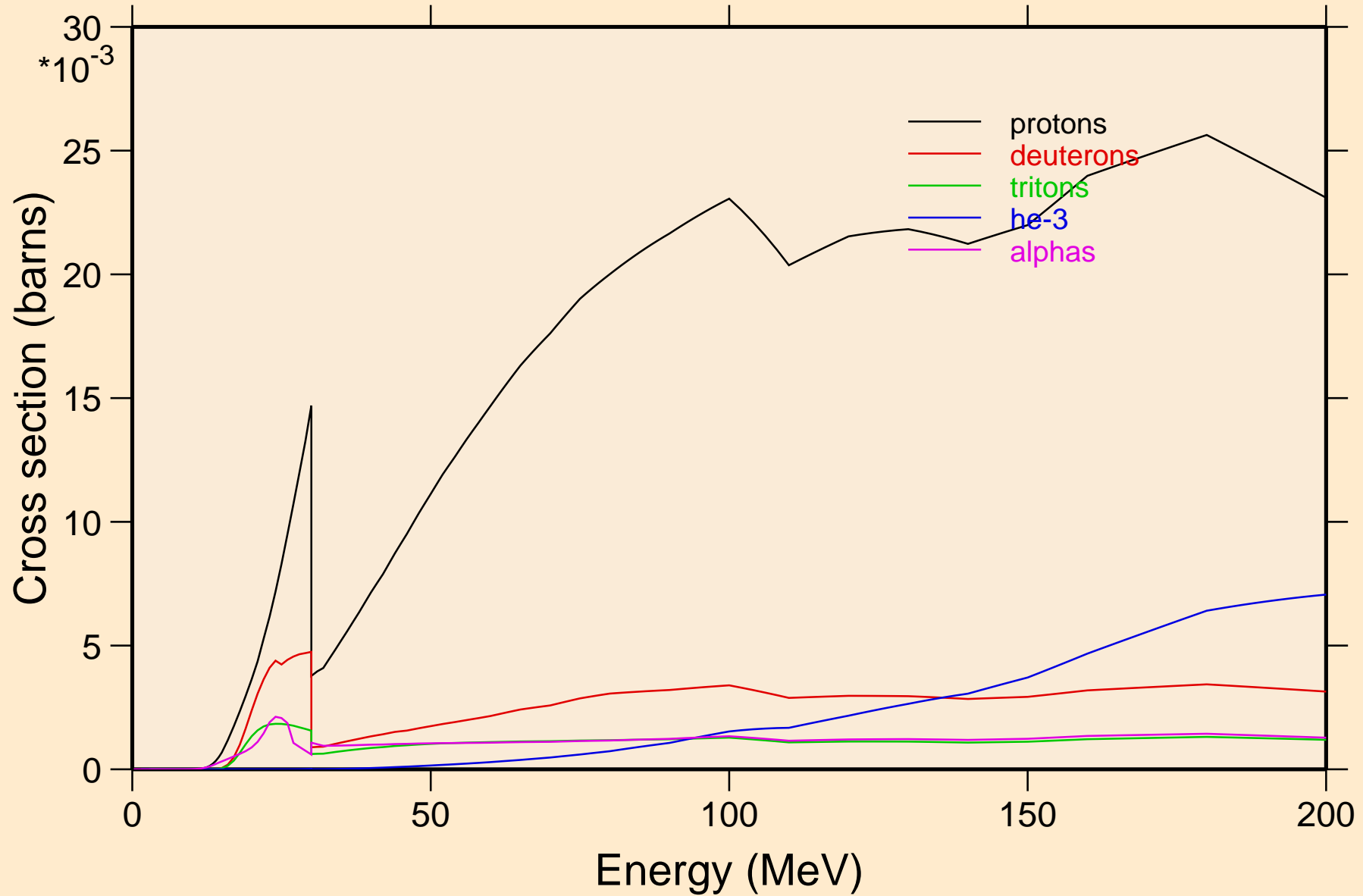
# SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

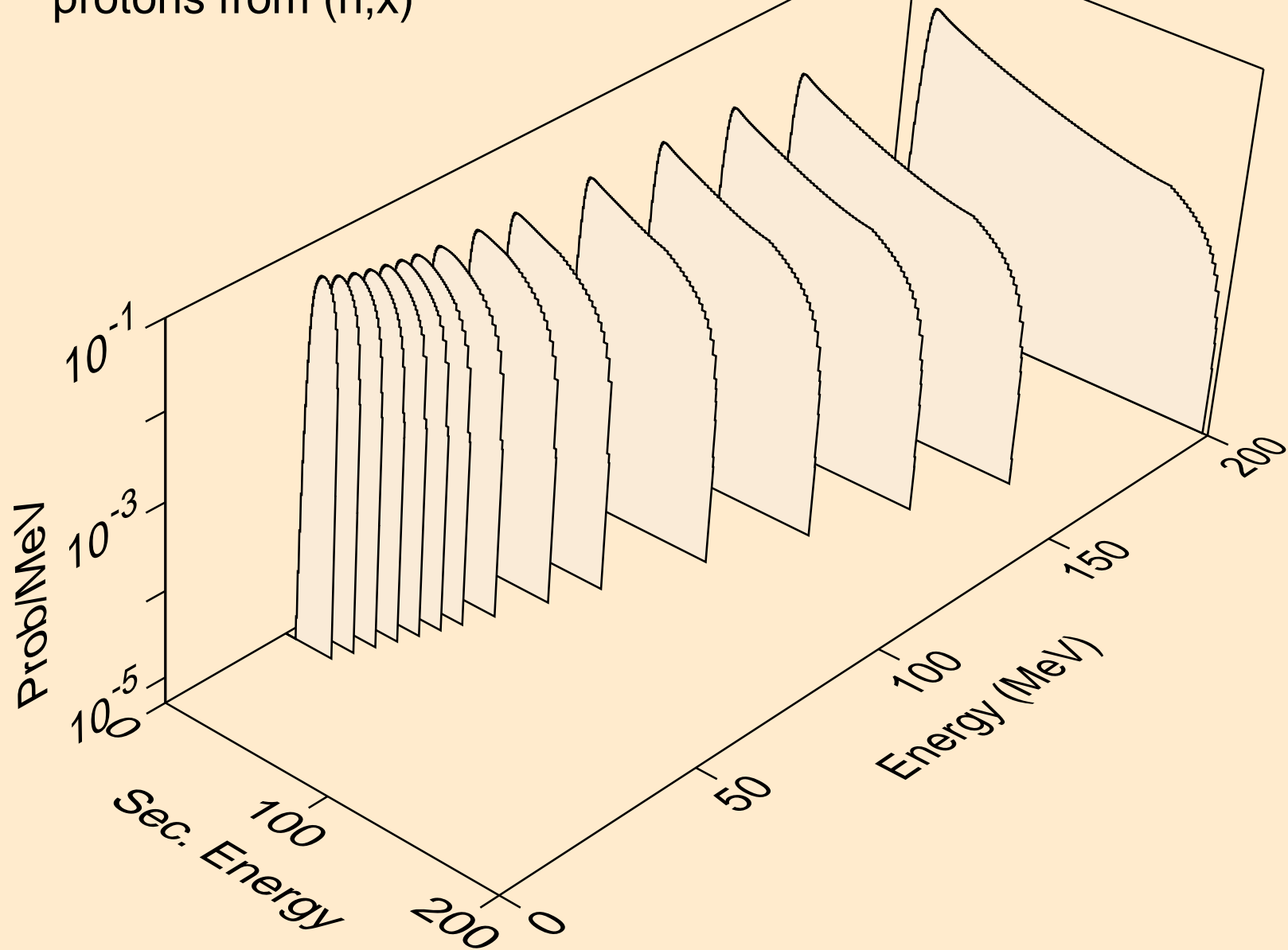


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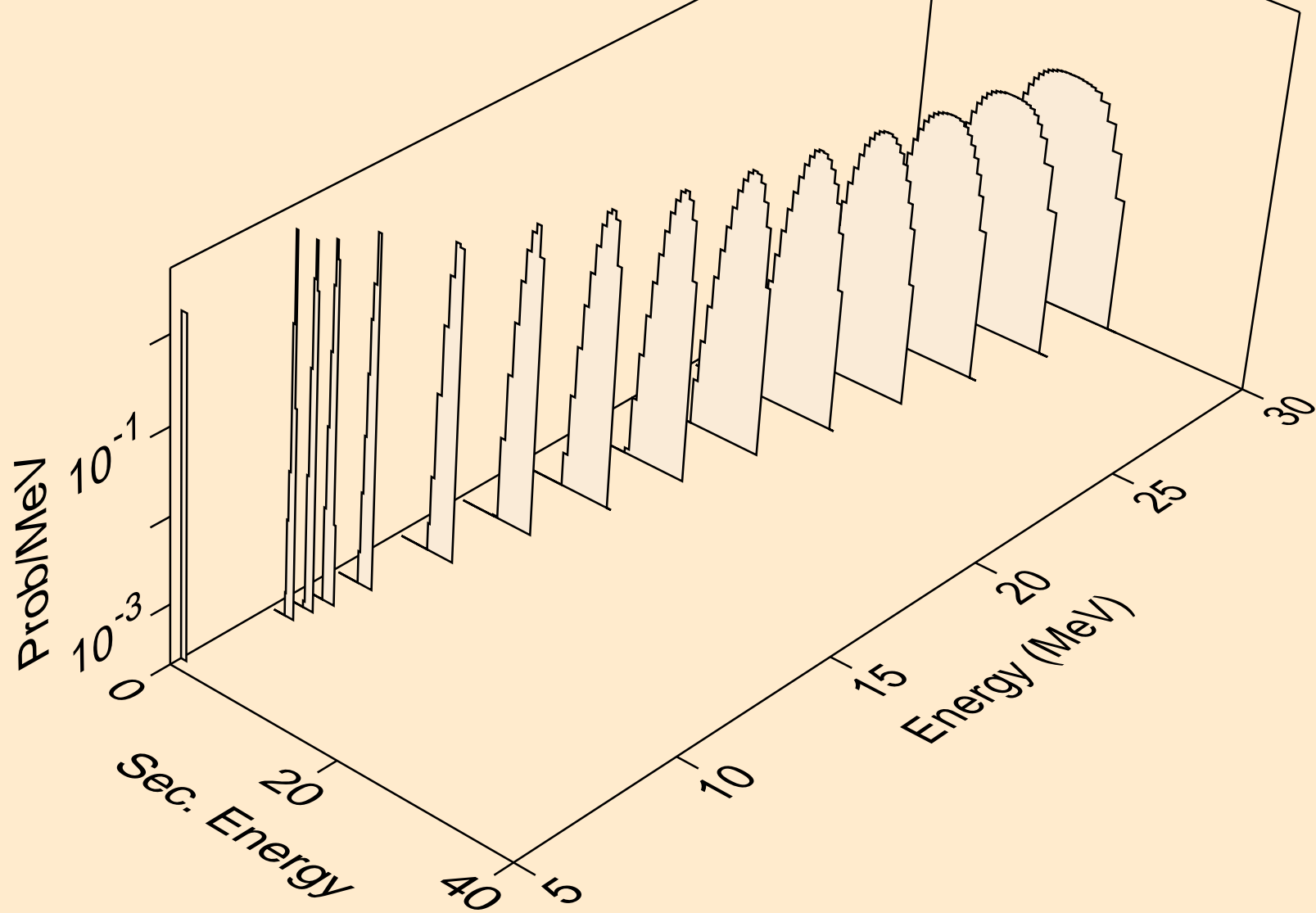
## Particle production cross sections



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

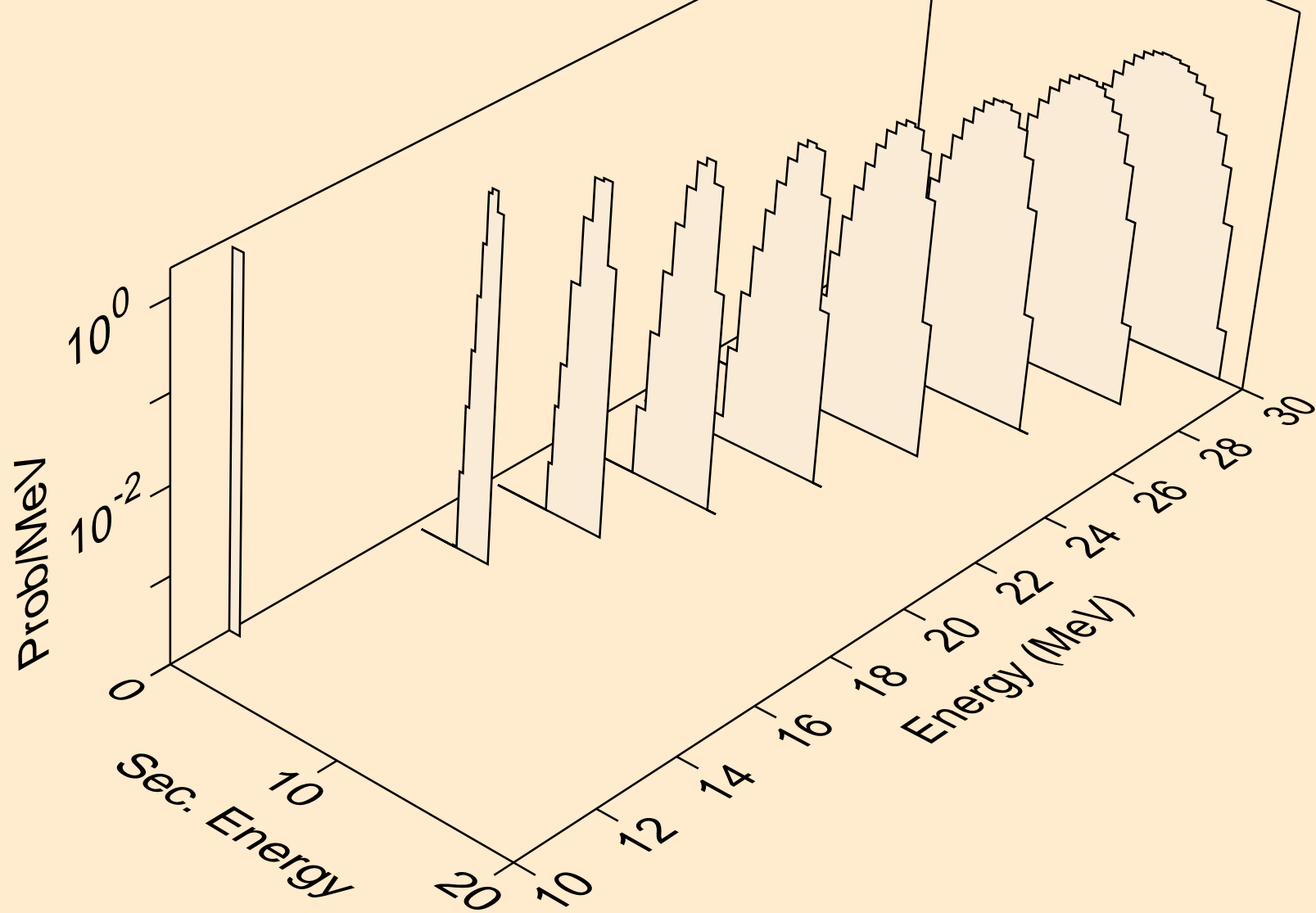


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

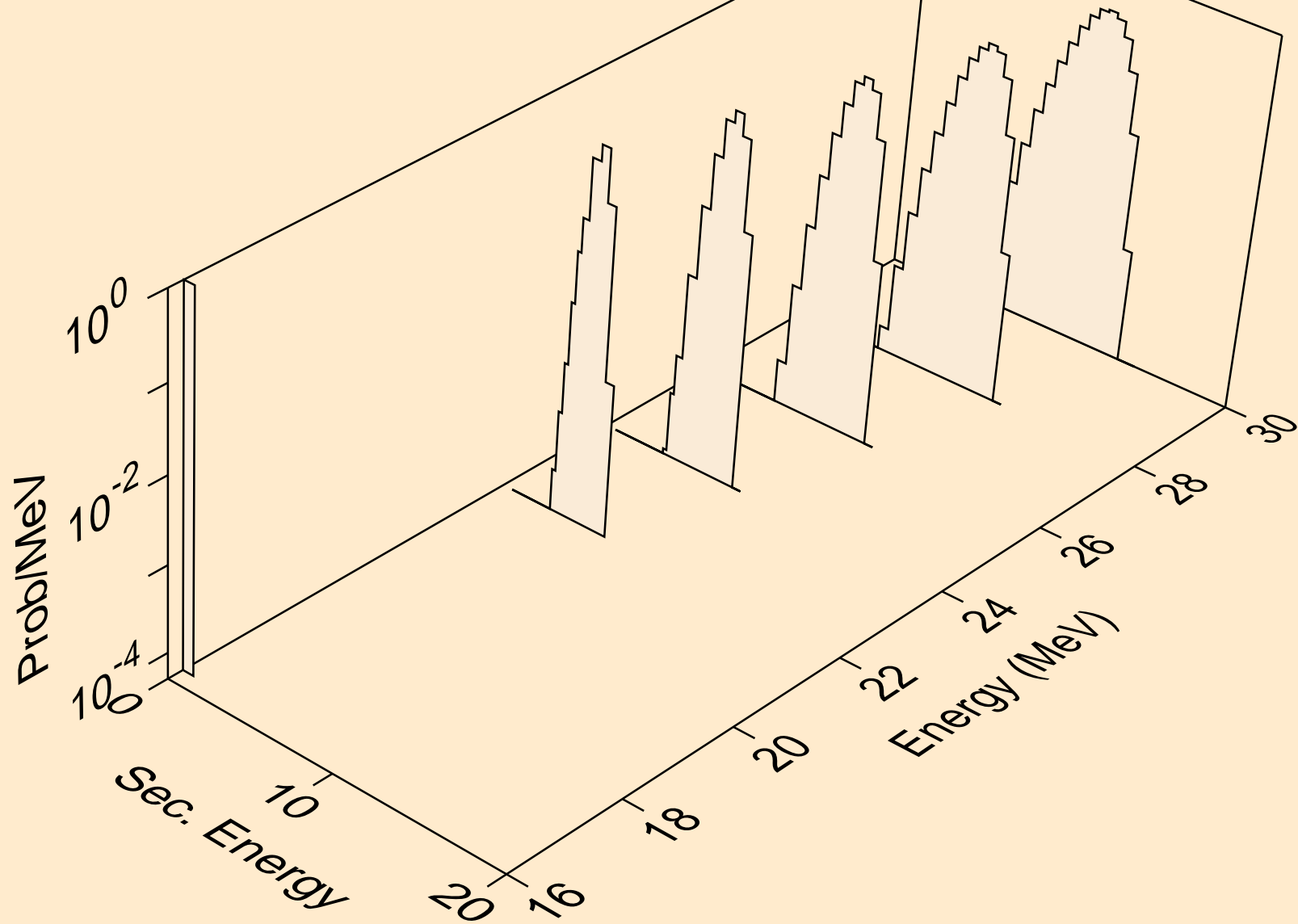




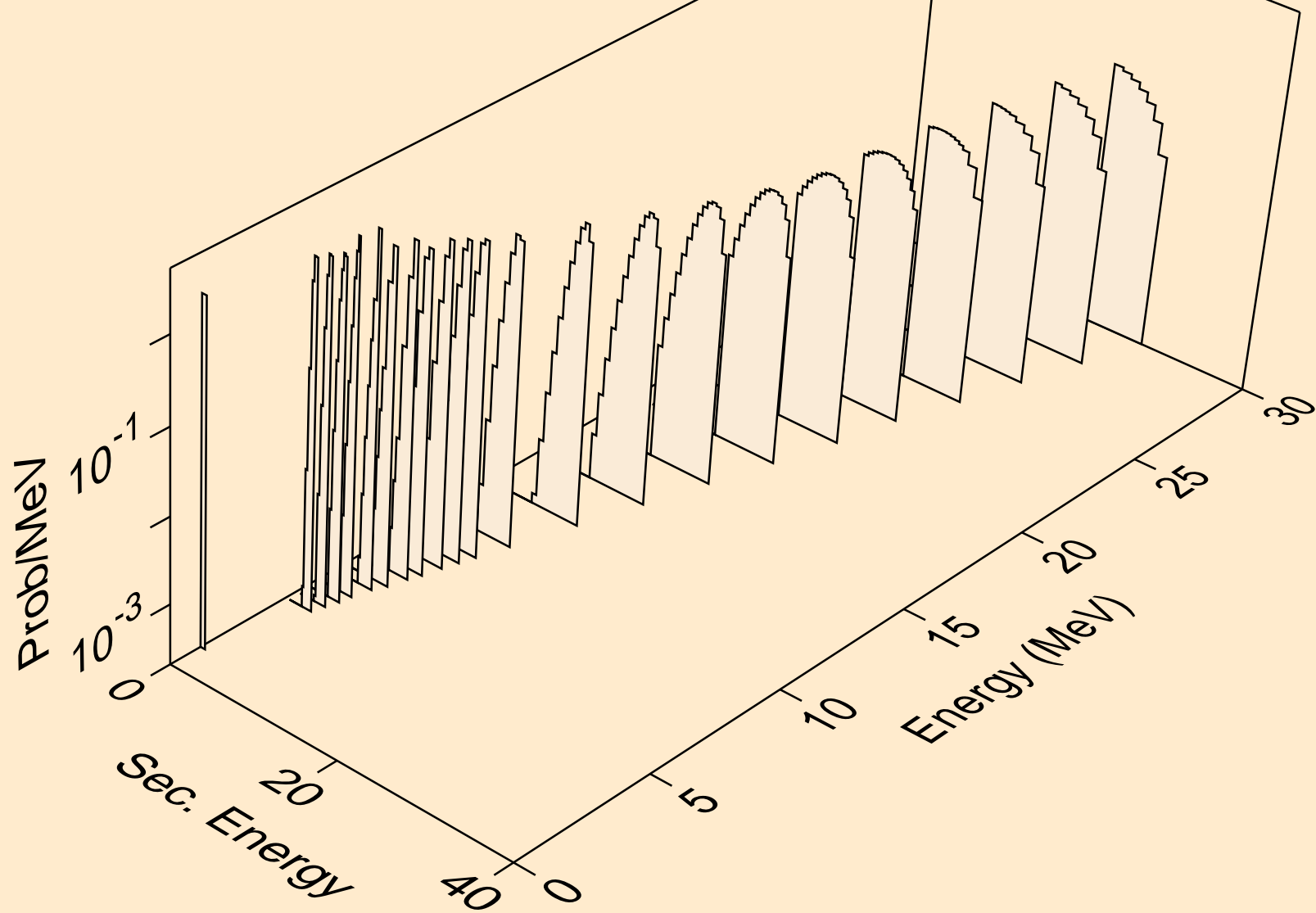
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



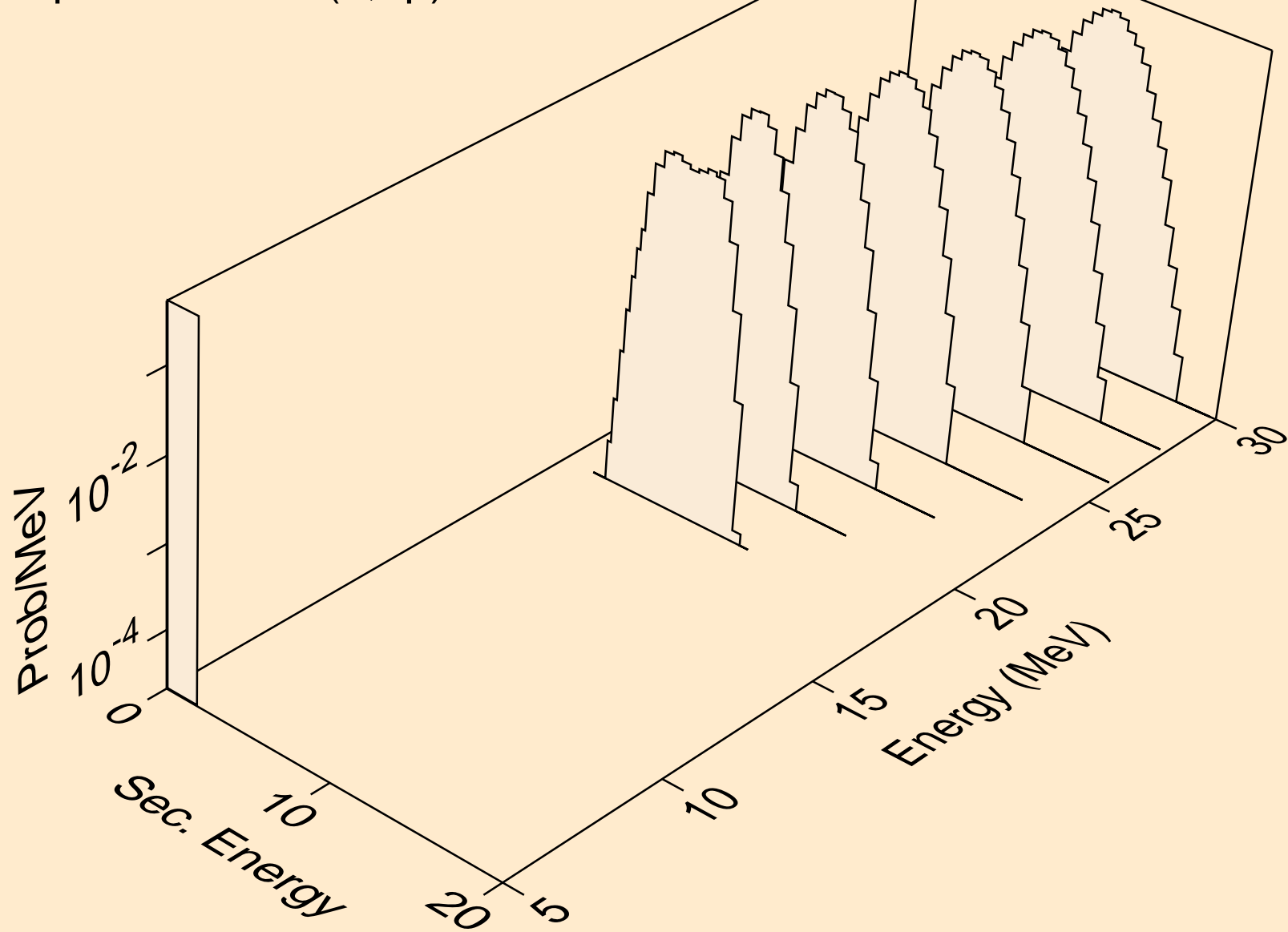
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



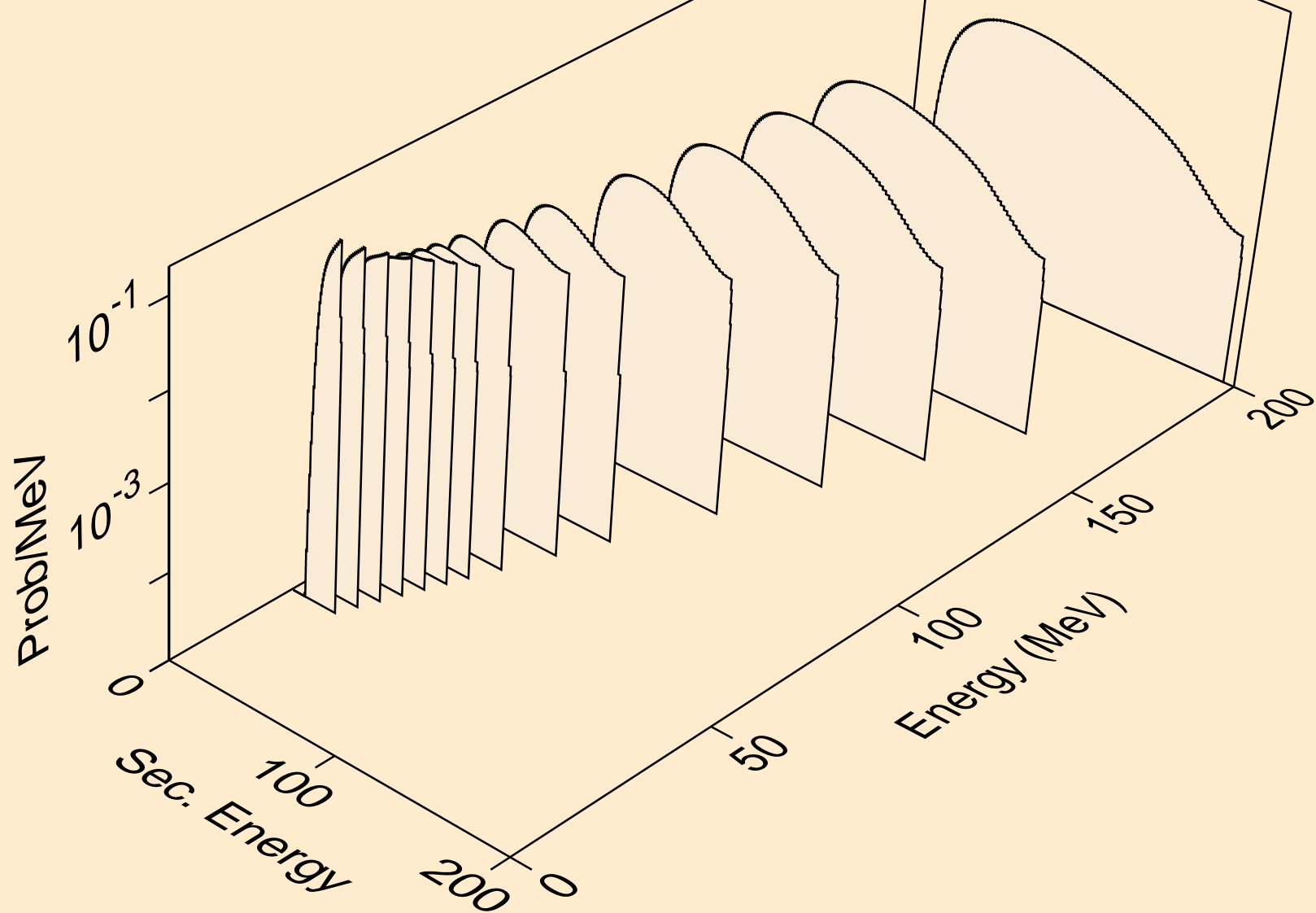
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protons from (n,p)



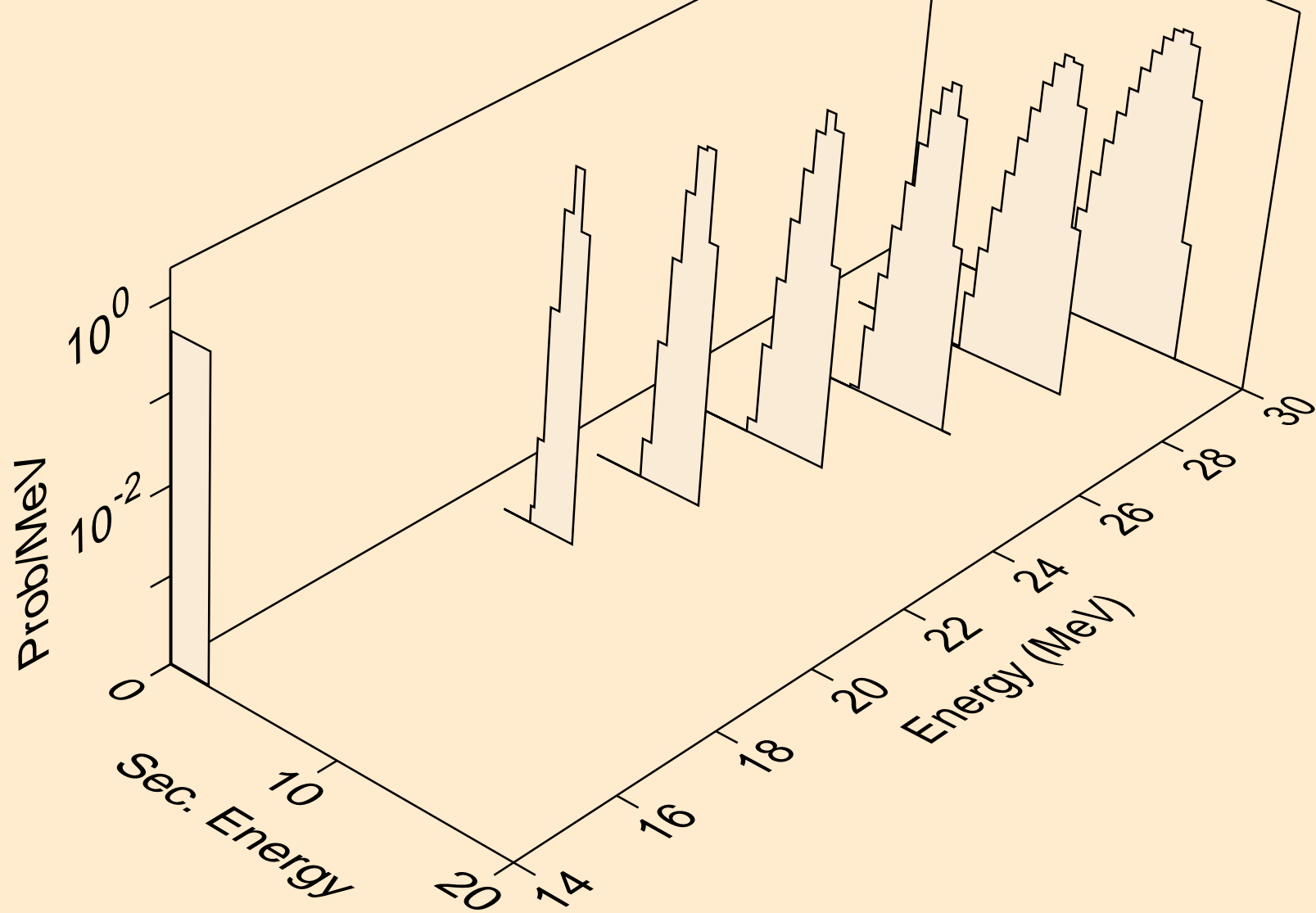
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protons from (n,2p)



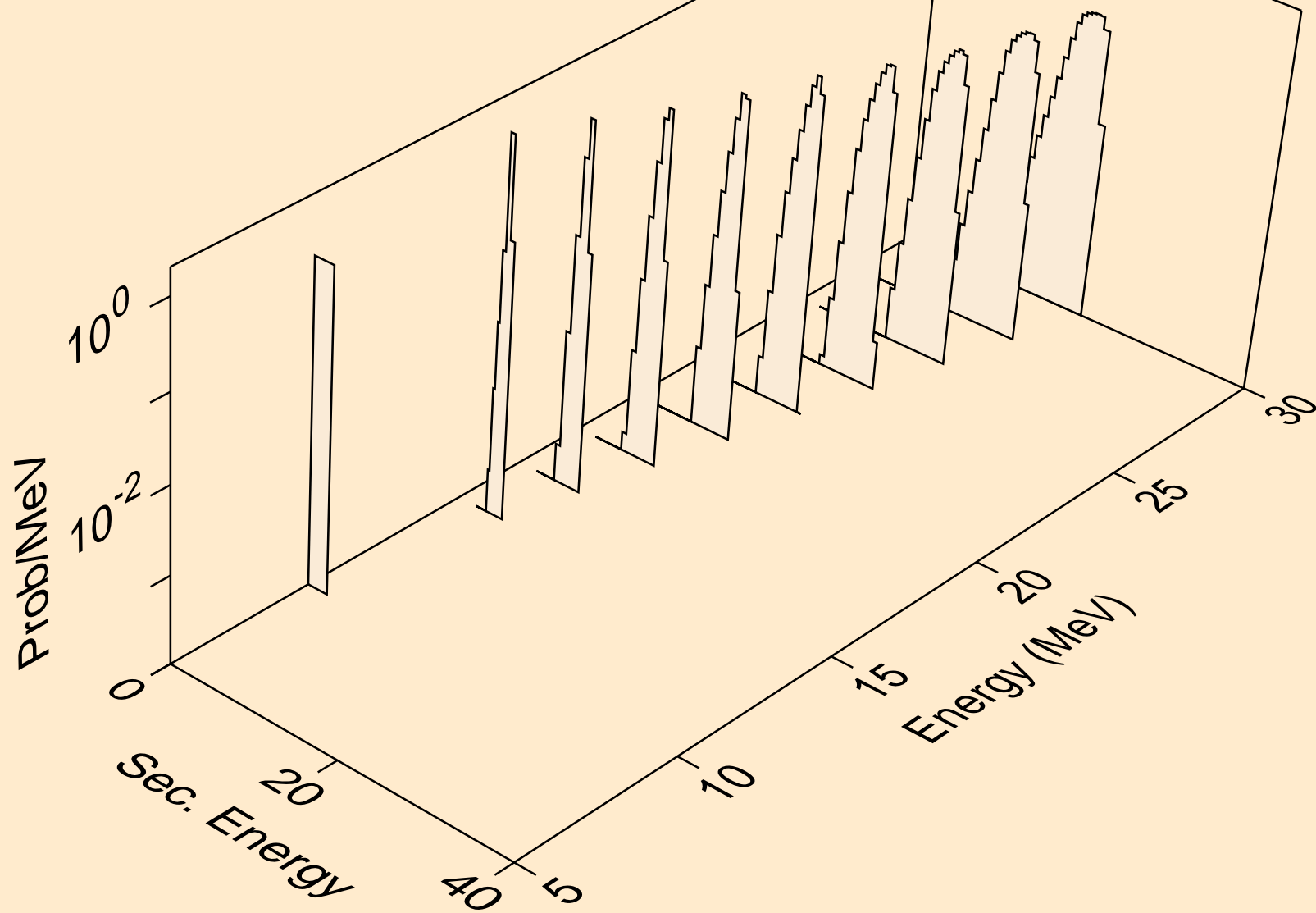
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



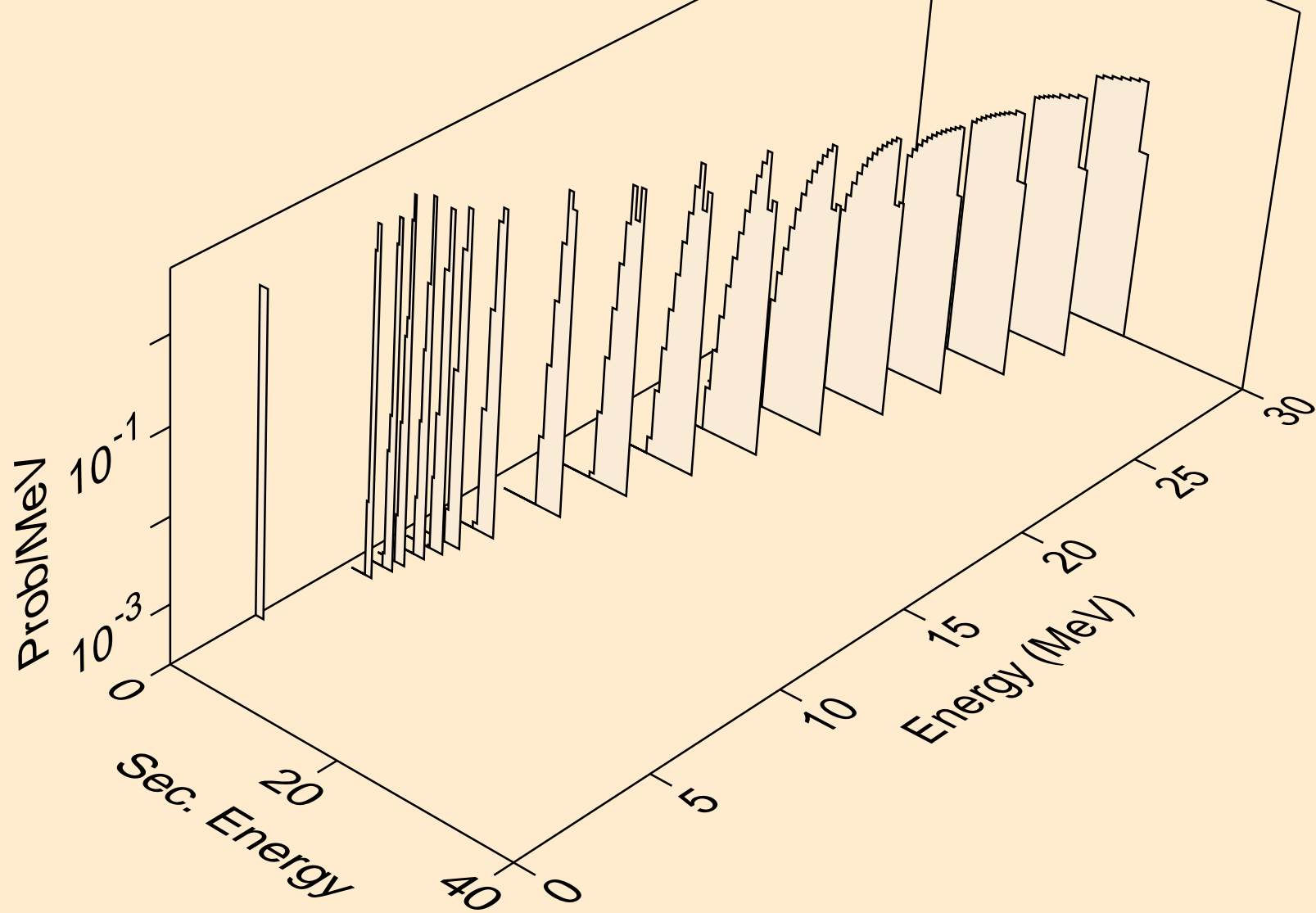
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

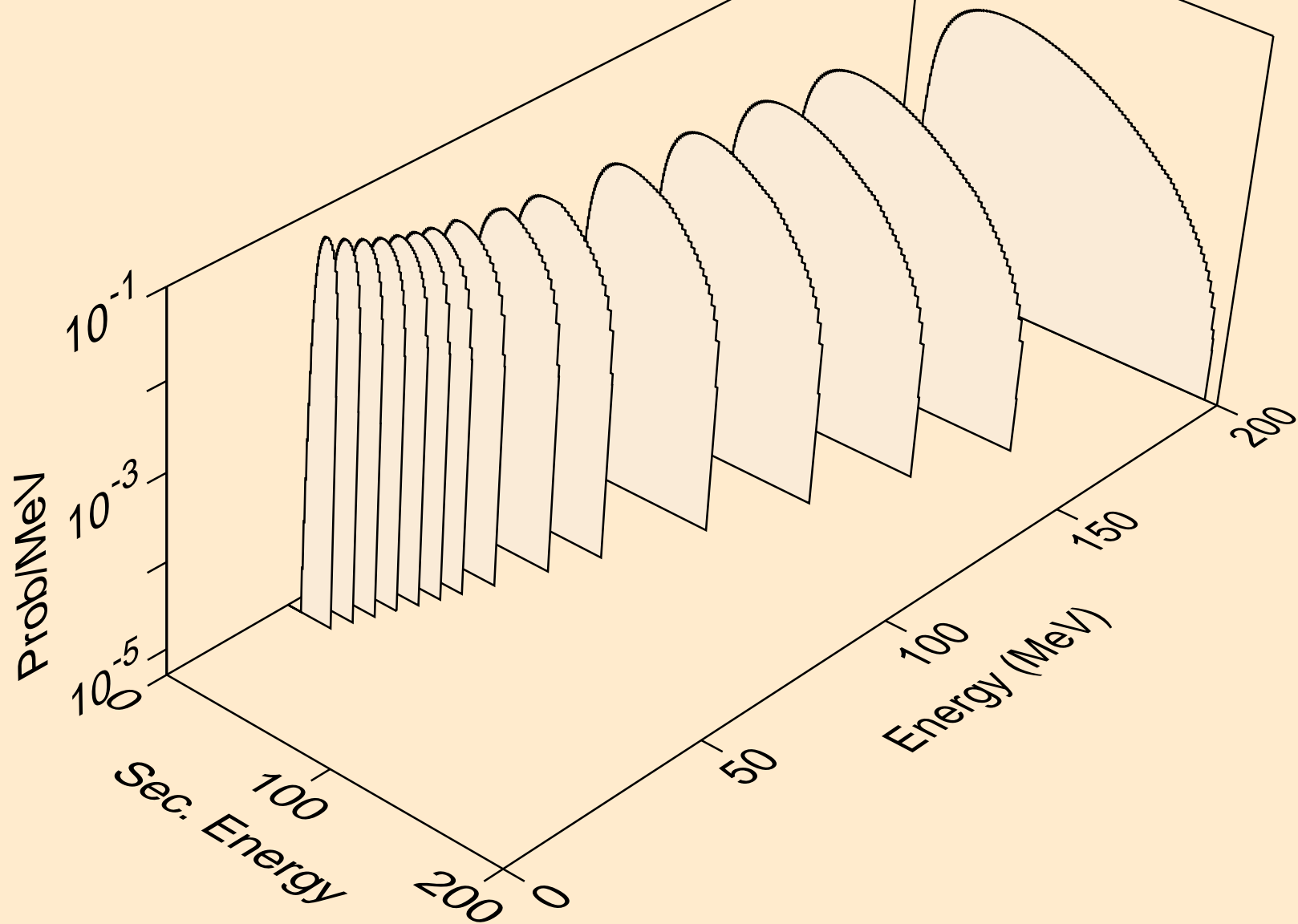


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

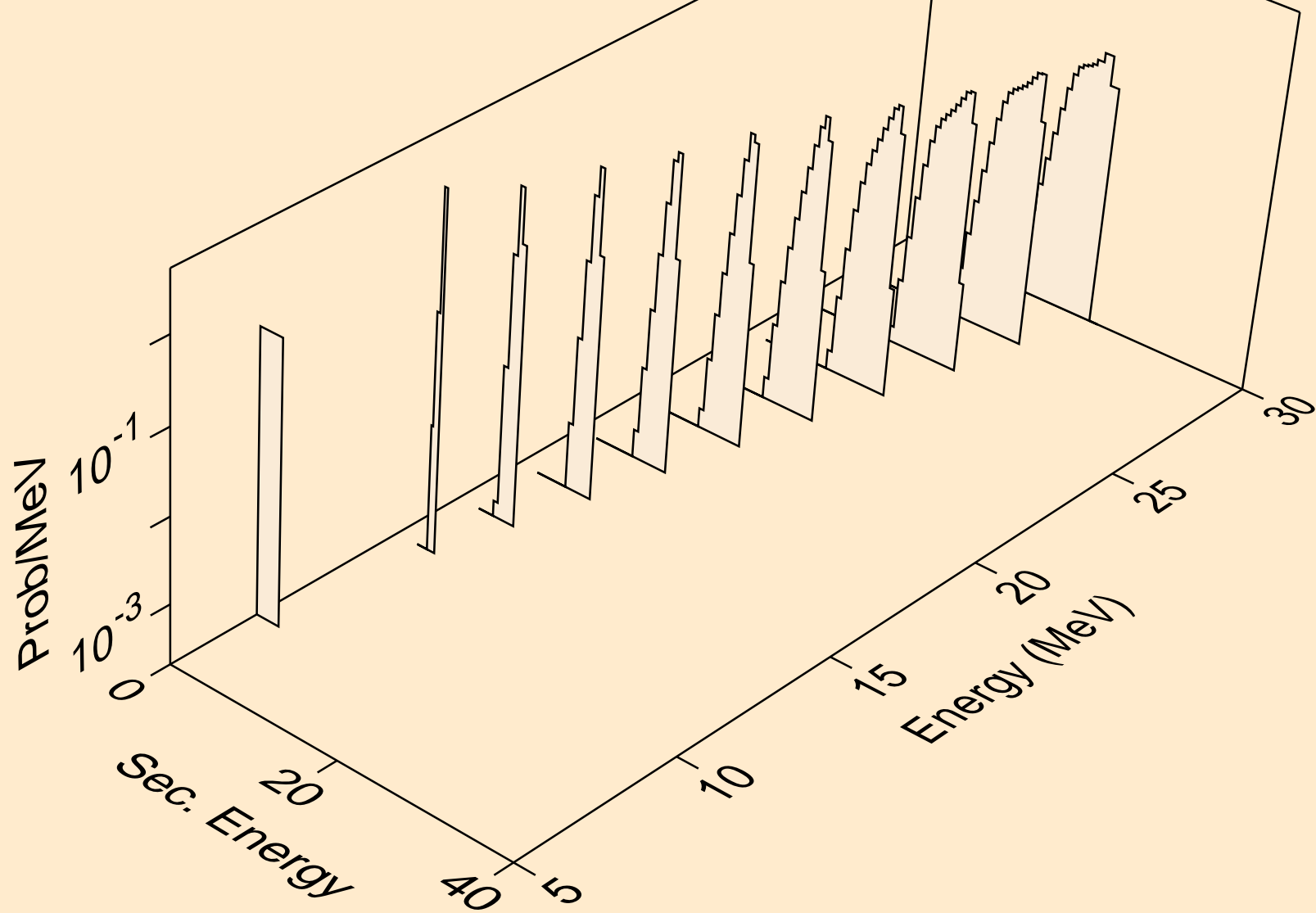




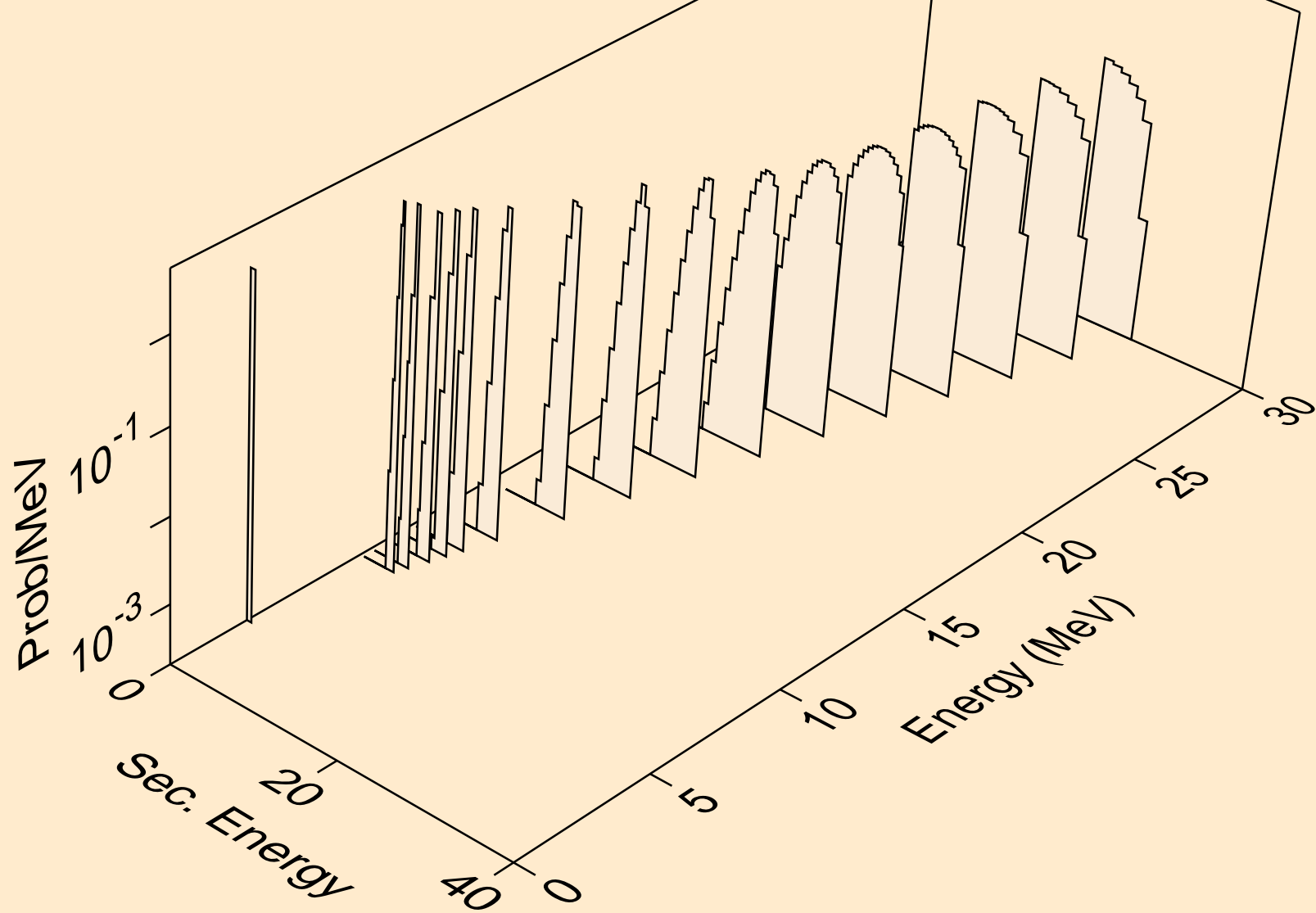
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tritons from (n,x)



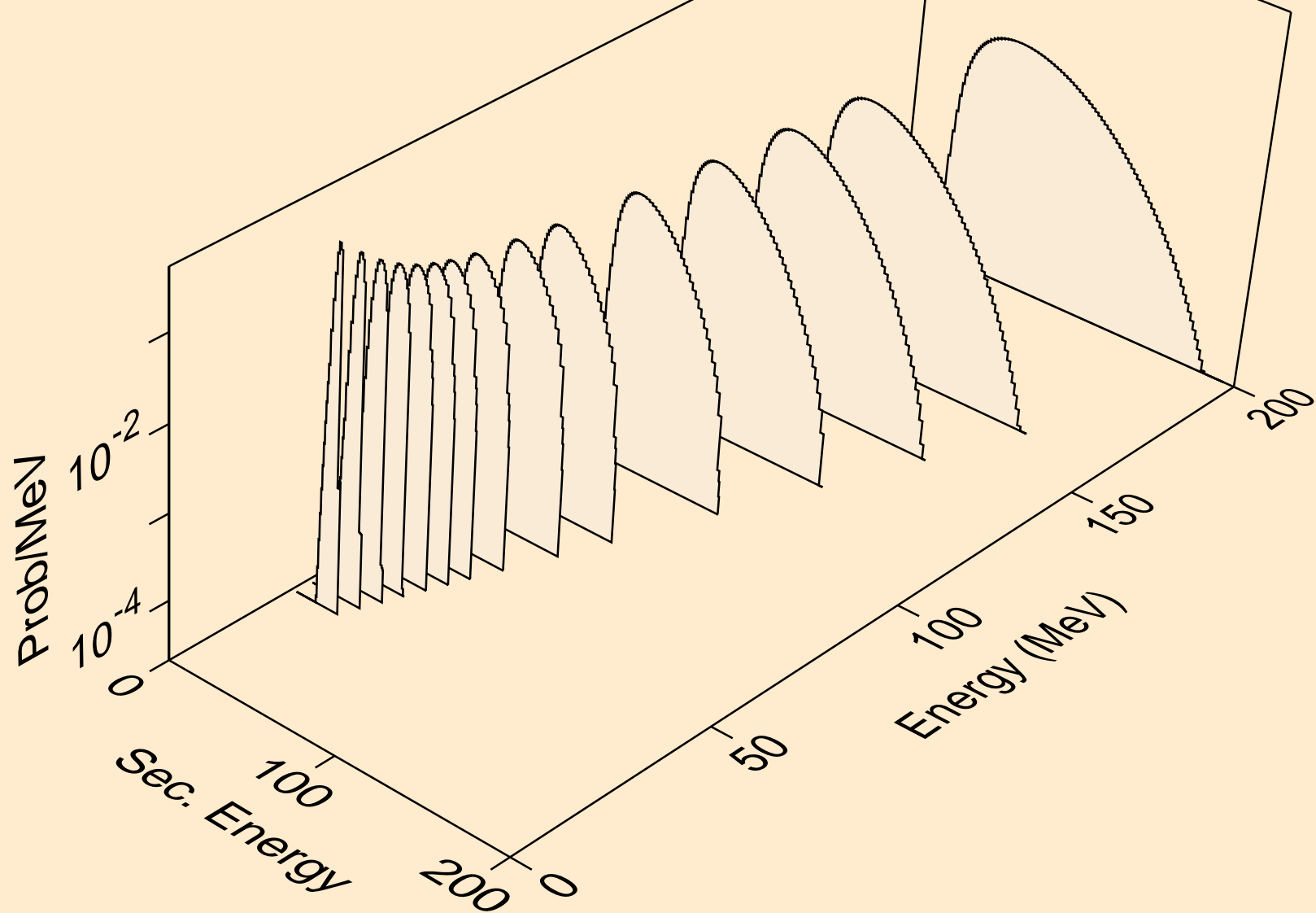
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



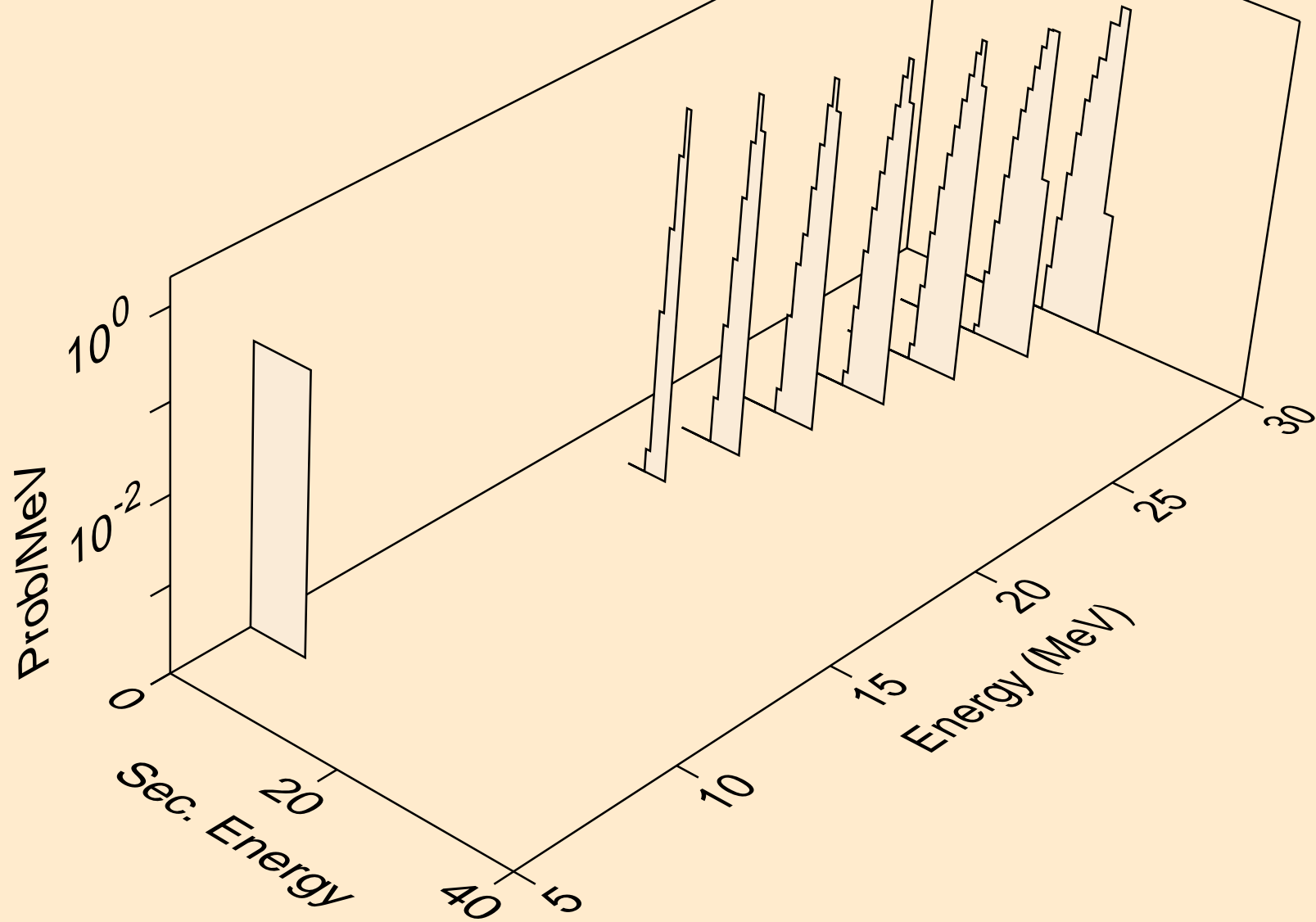
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tritons from (n,t)



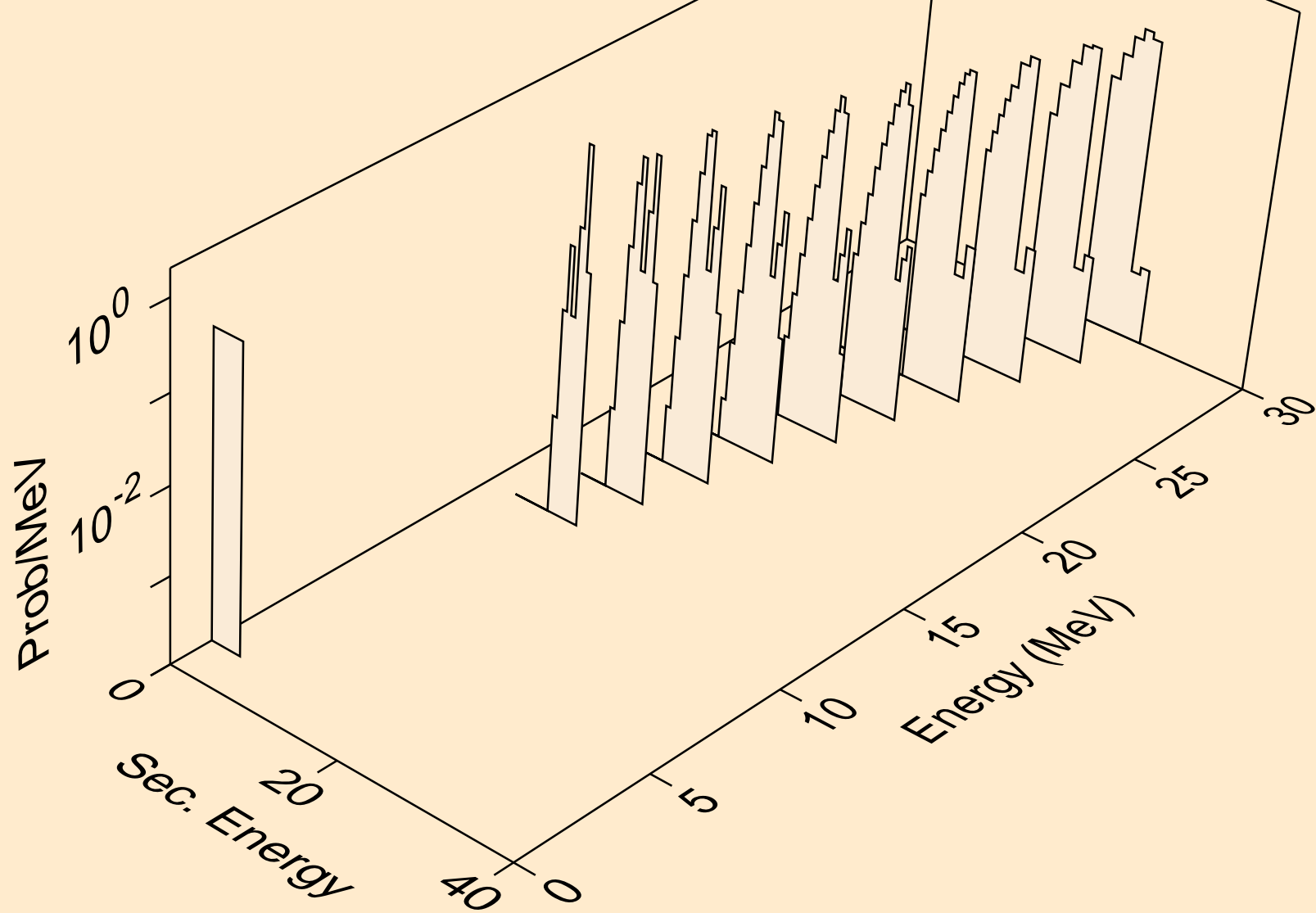
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



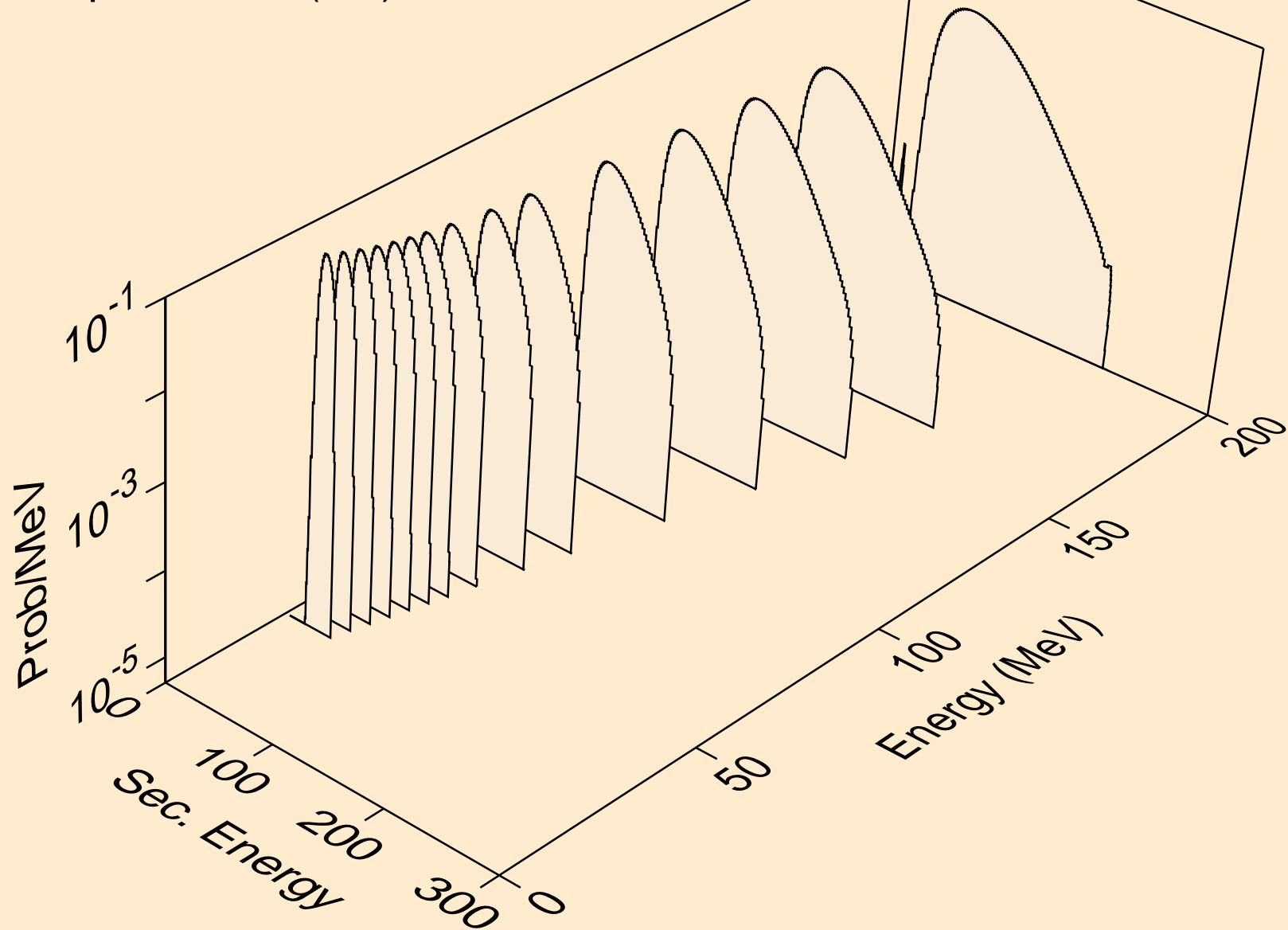
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



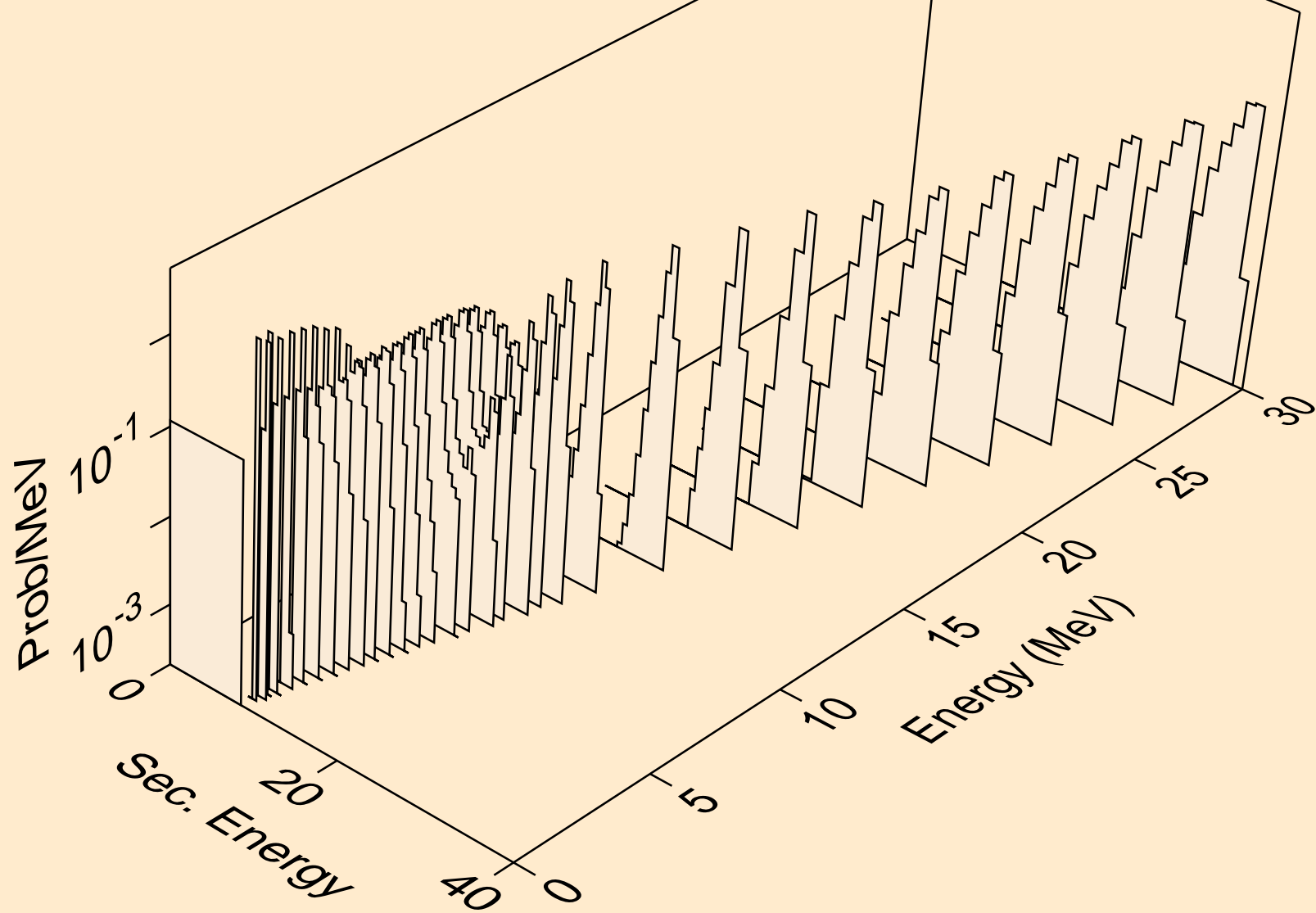
SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

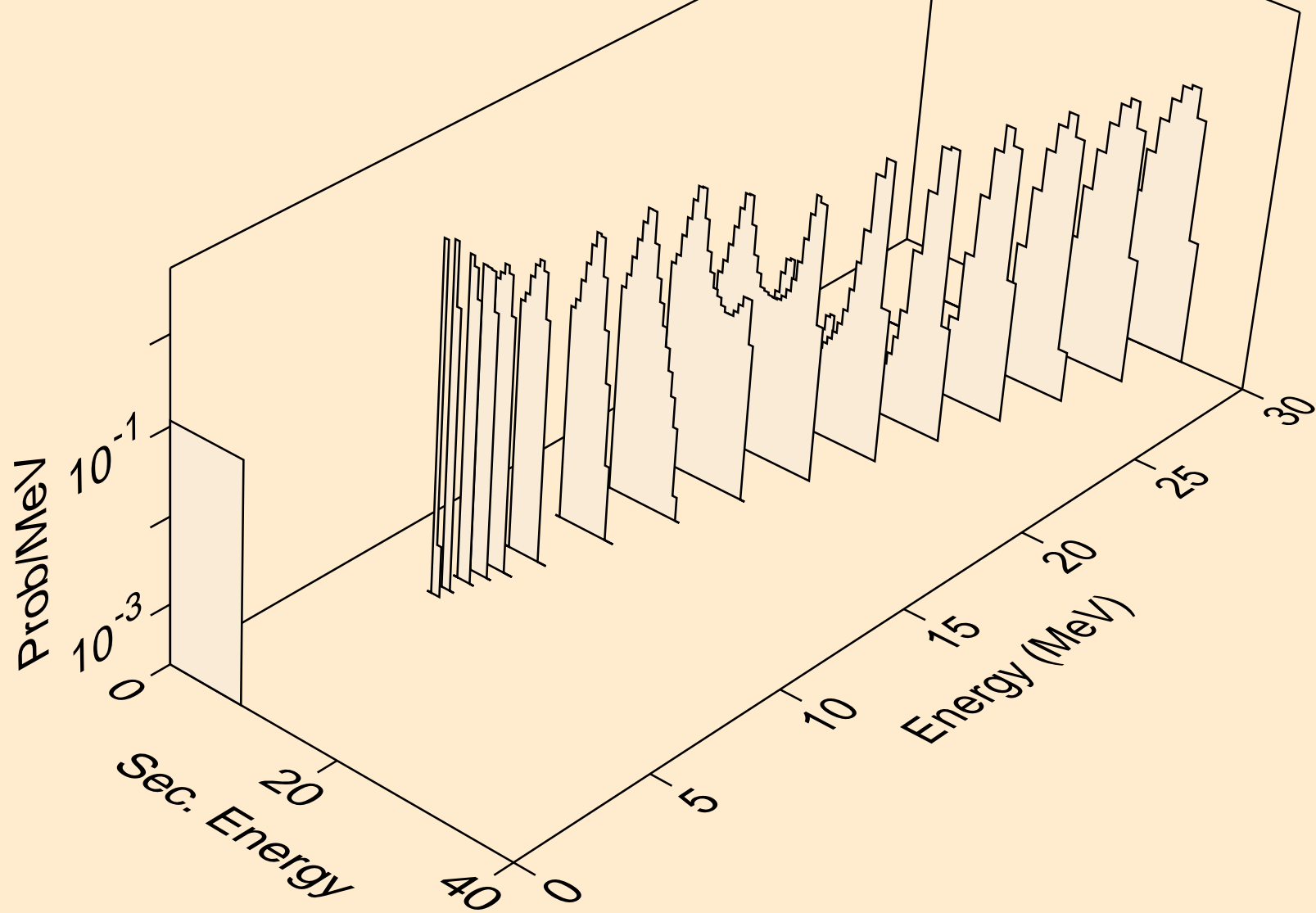


SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a





SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



SG272 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

