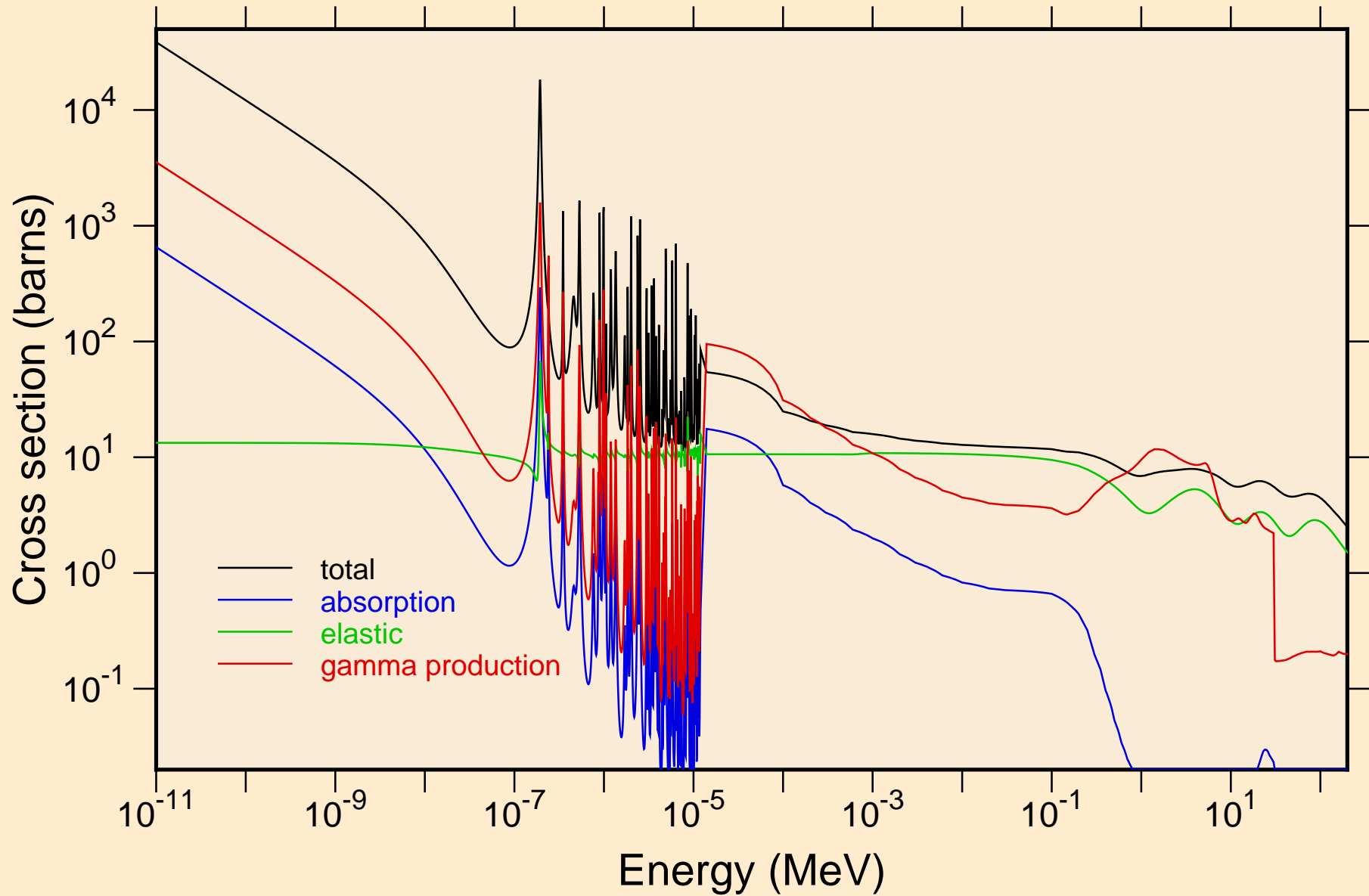
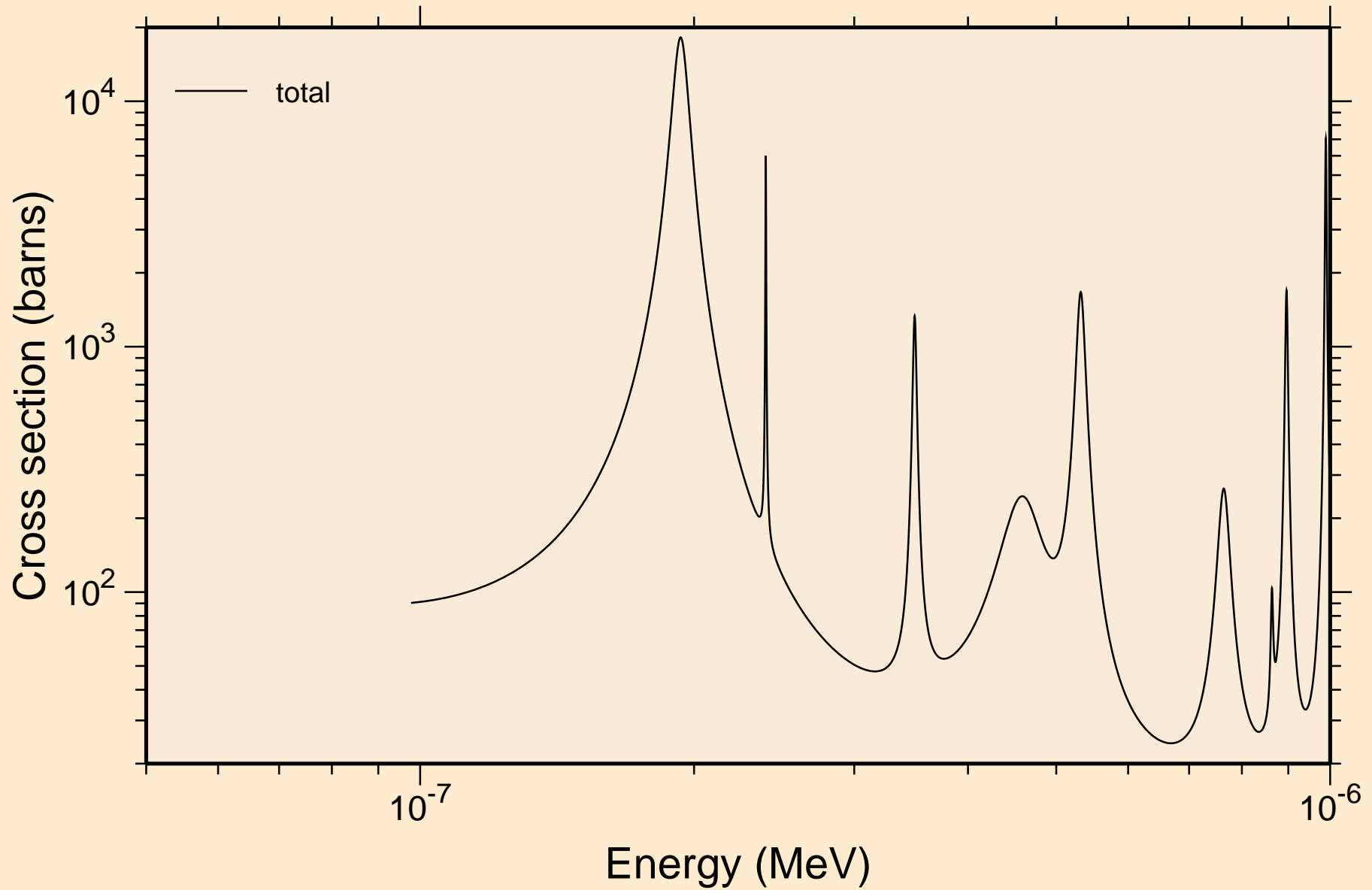


# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

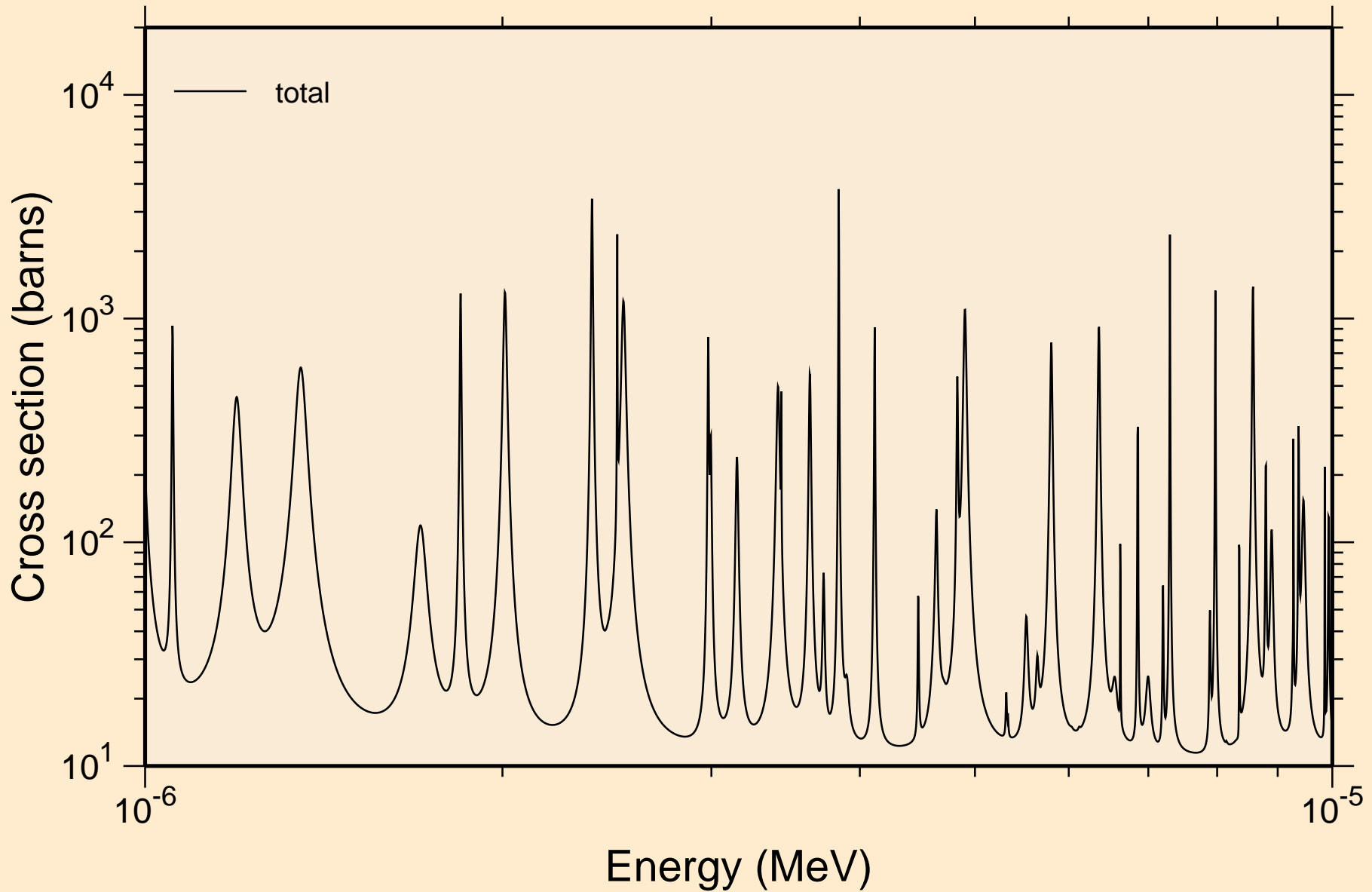
## Principal cross sections



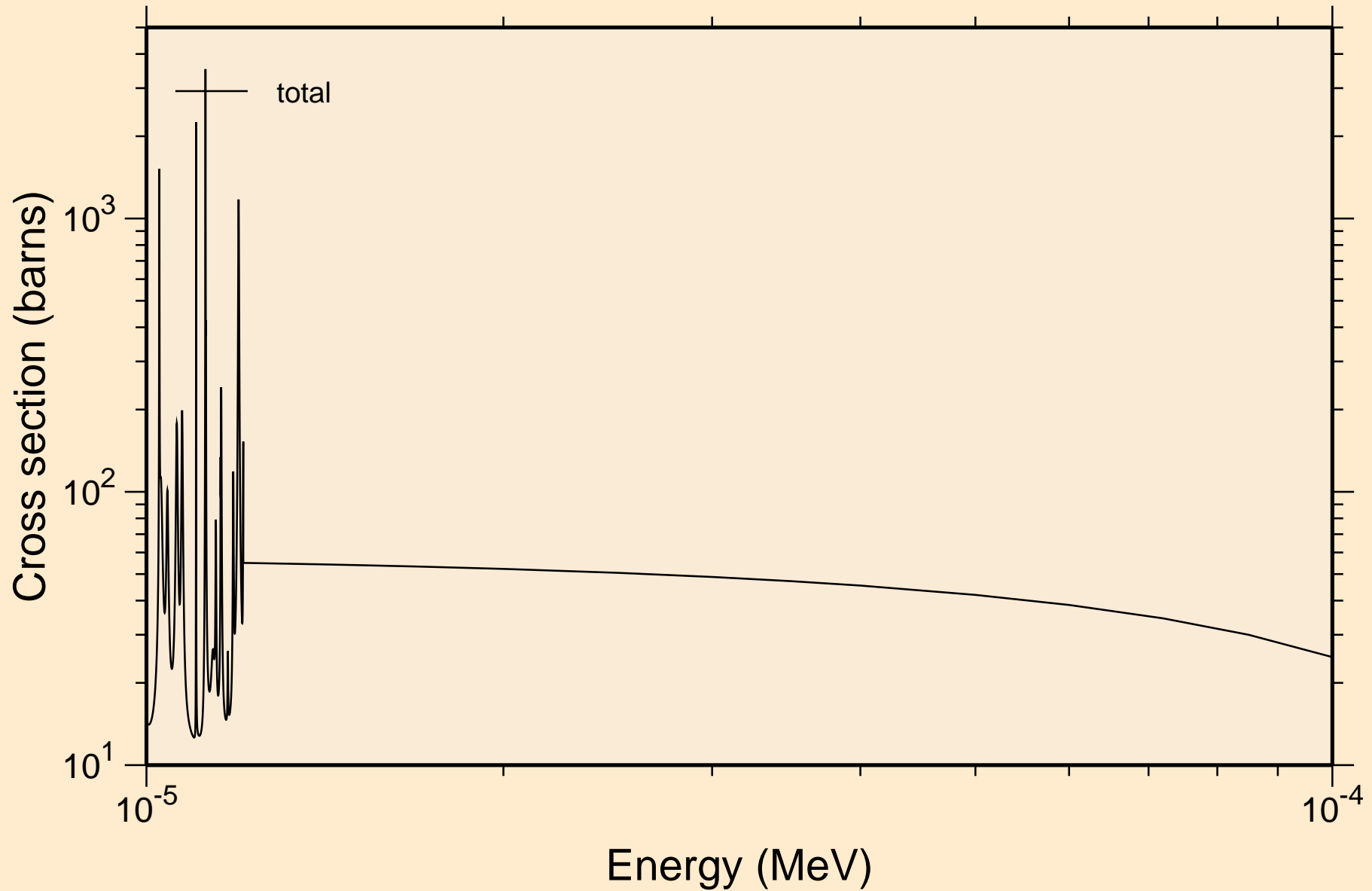
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



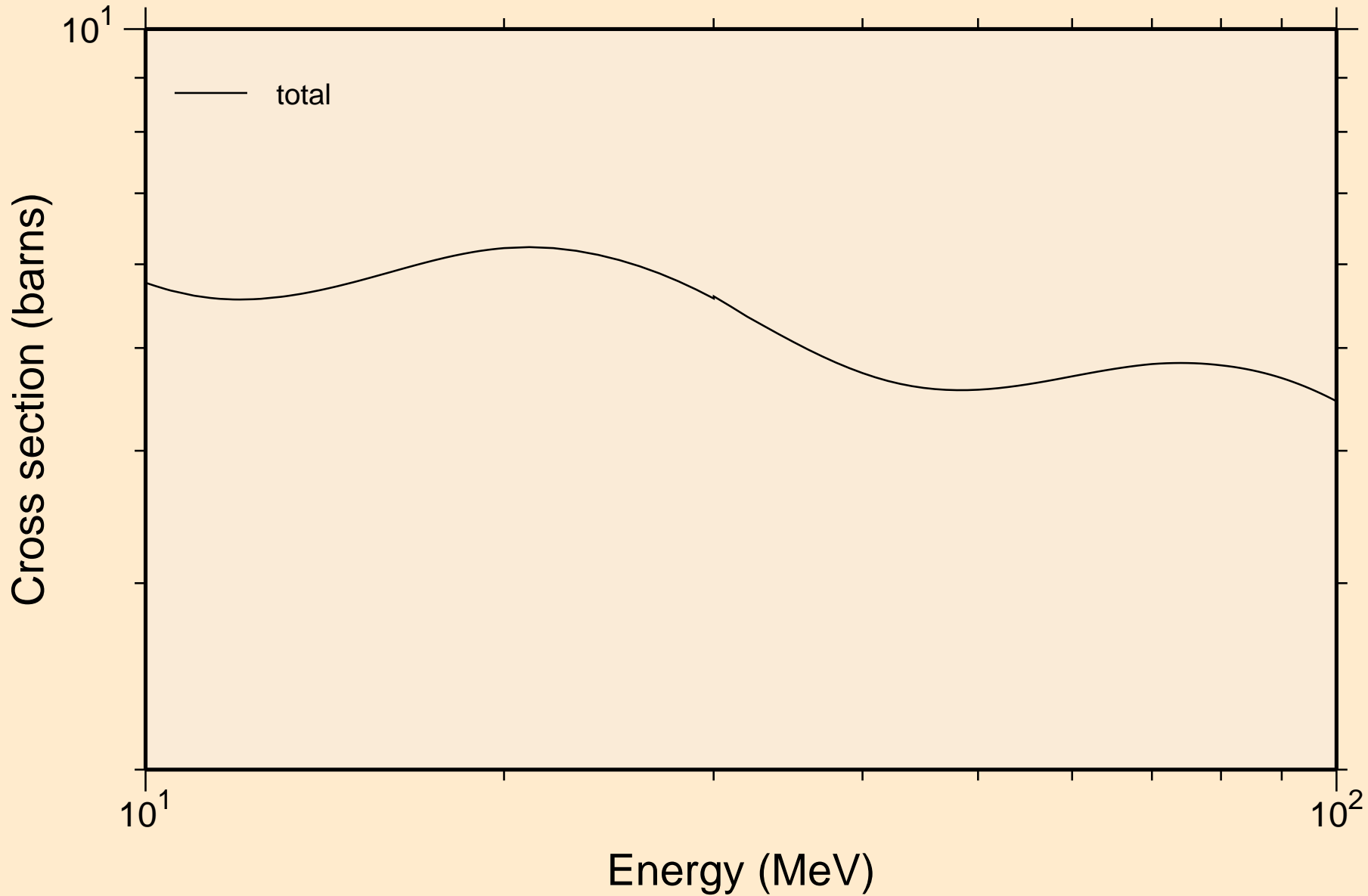
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



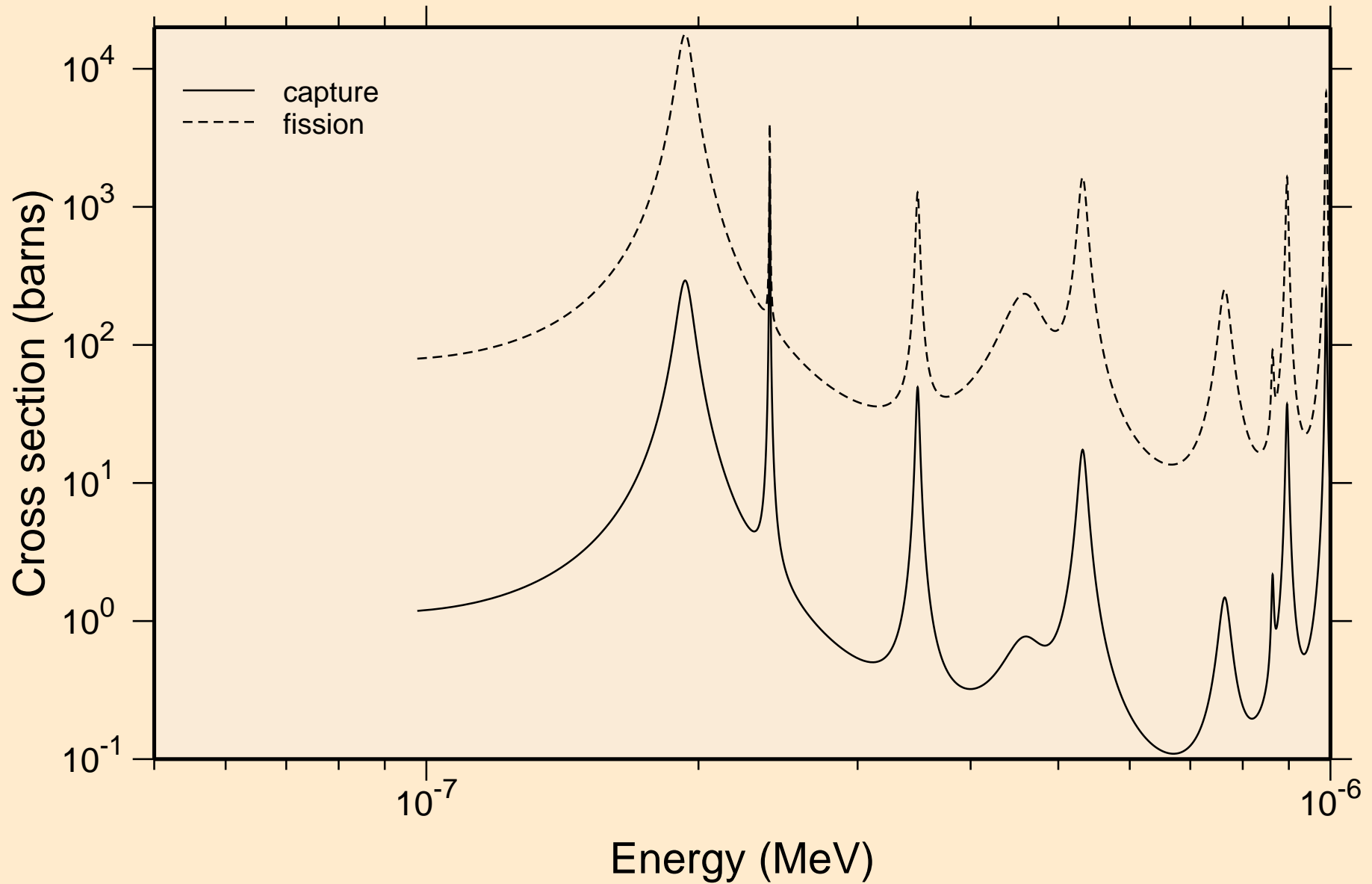
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section

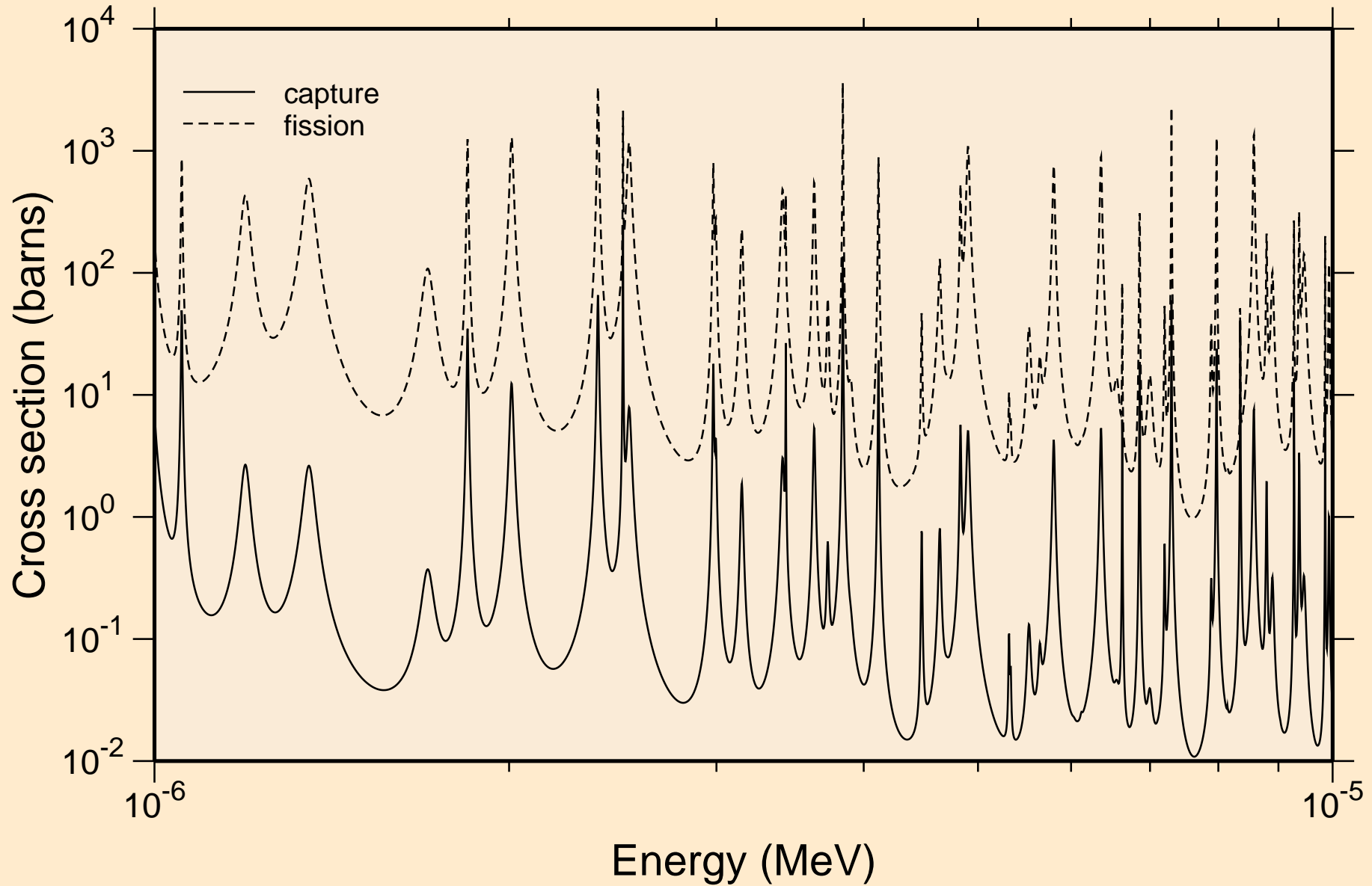


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

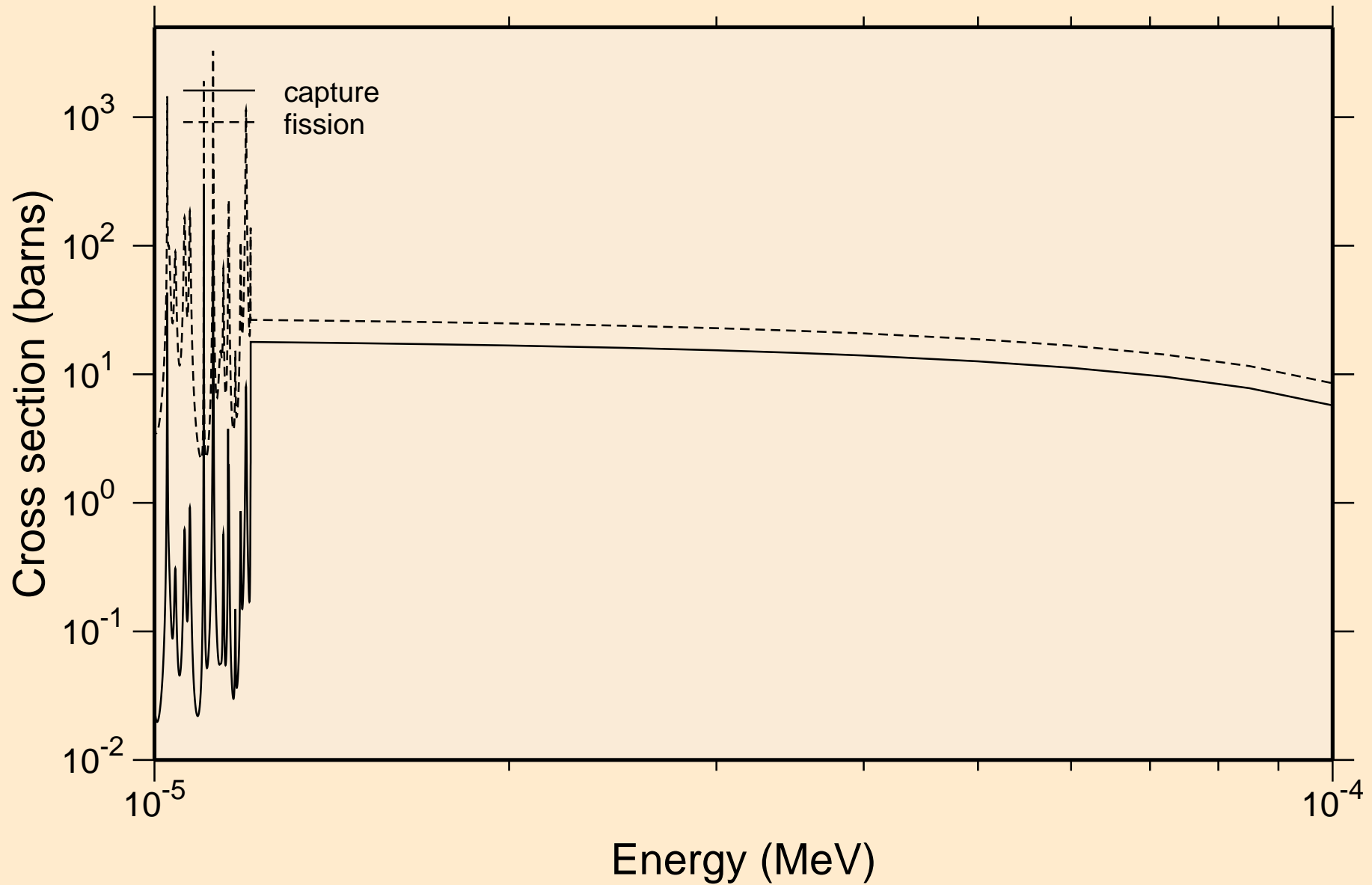


# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## resonance absorption cross sections

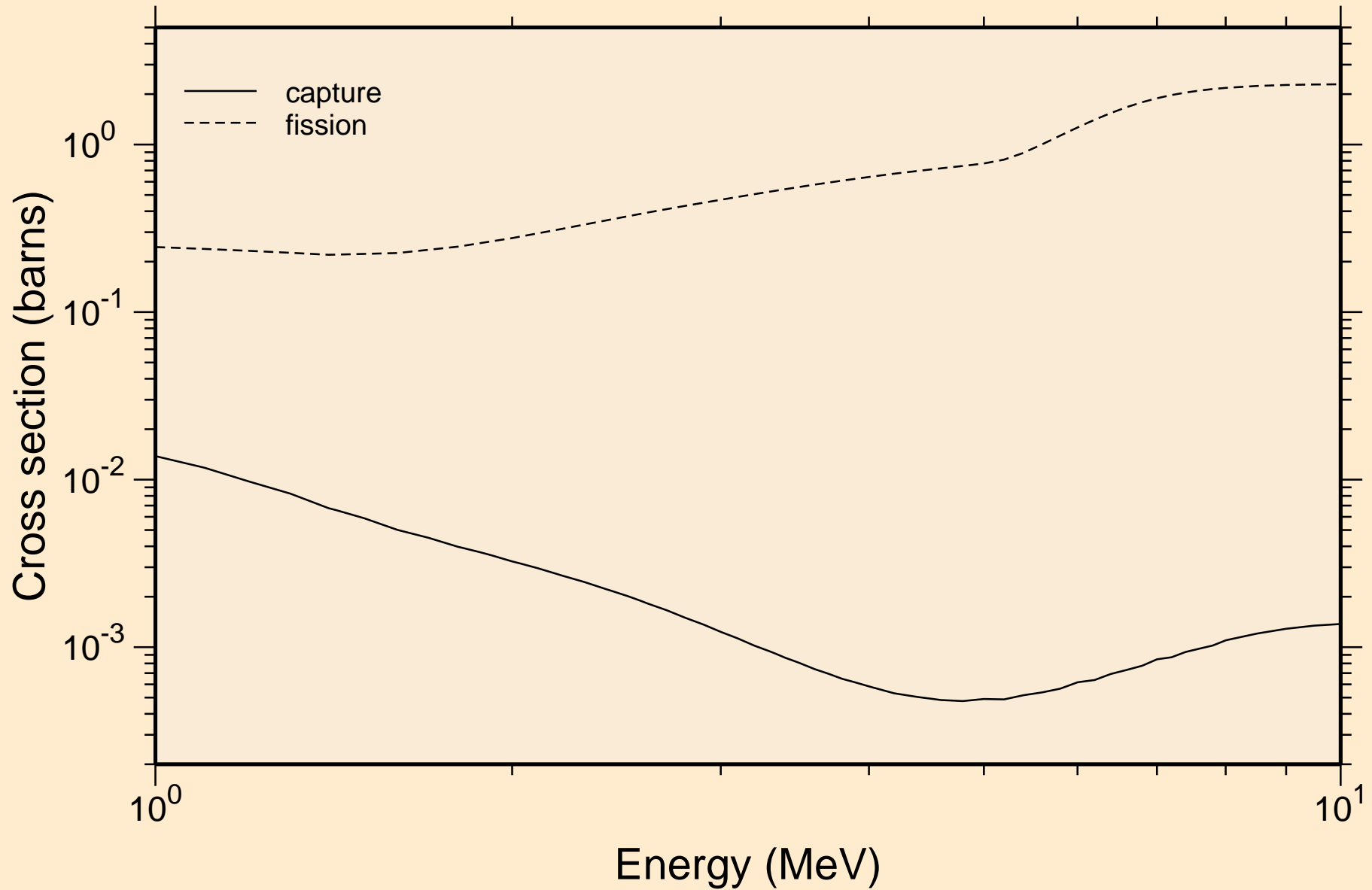


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

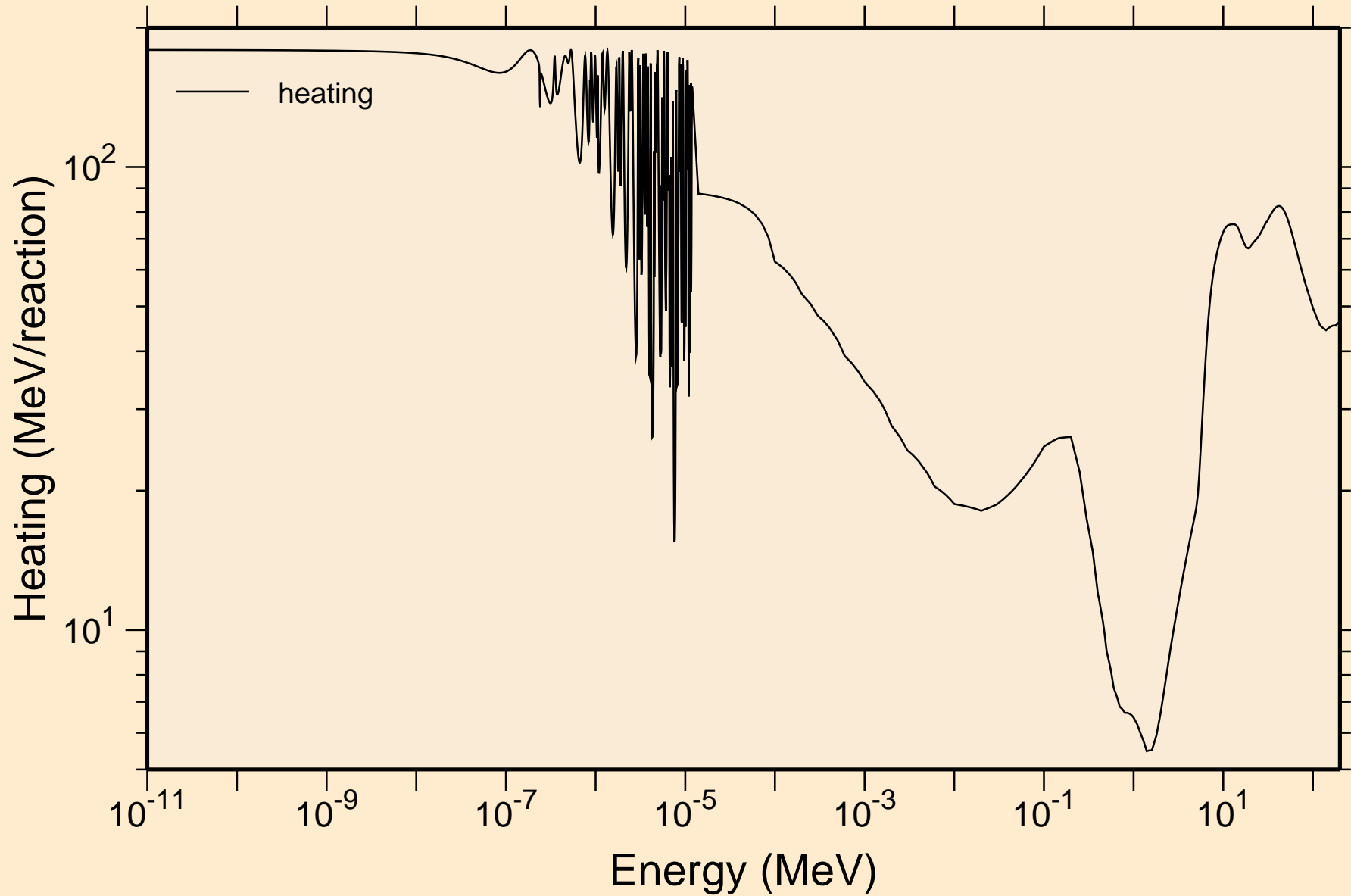




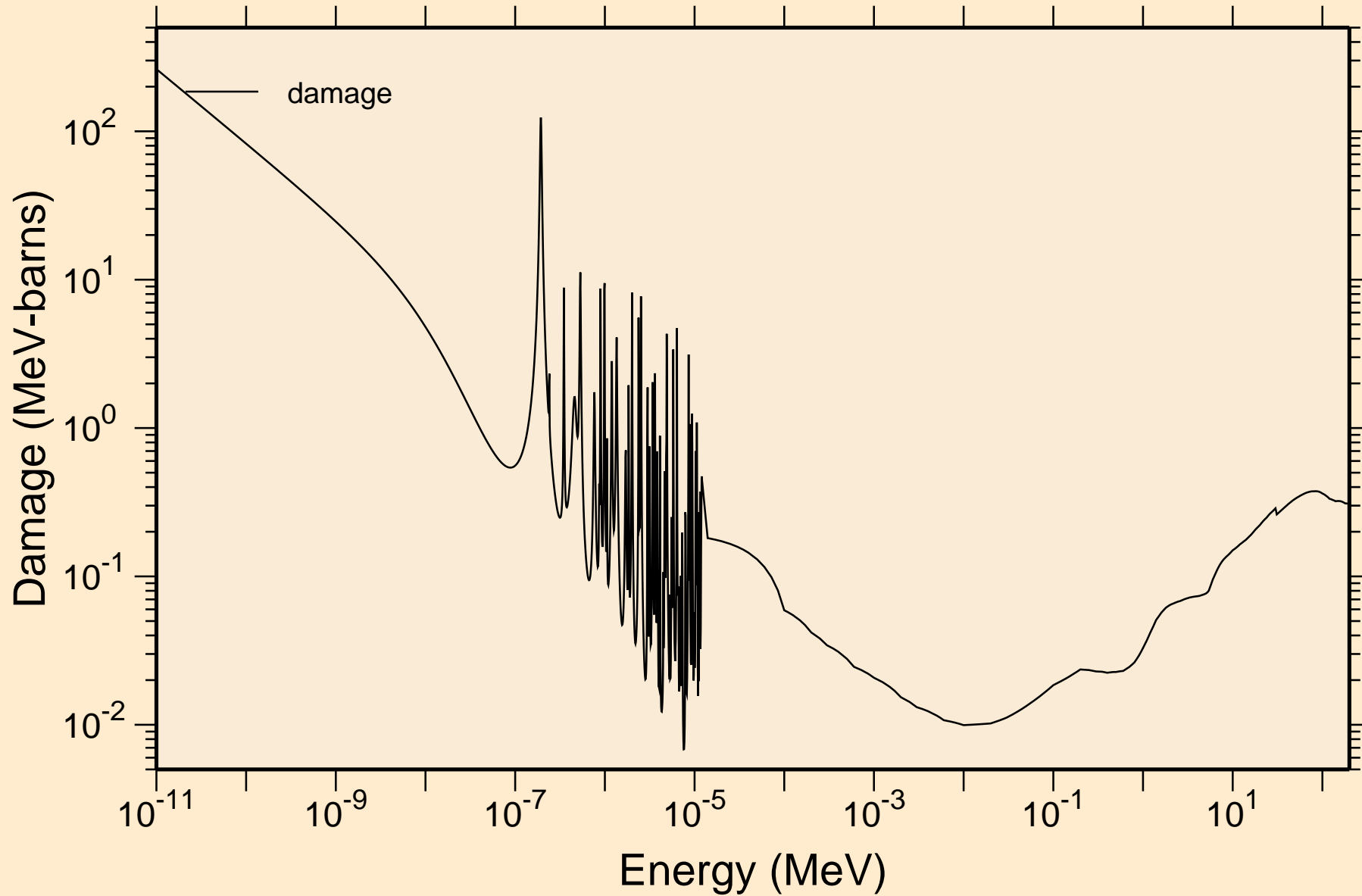
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

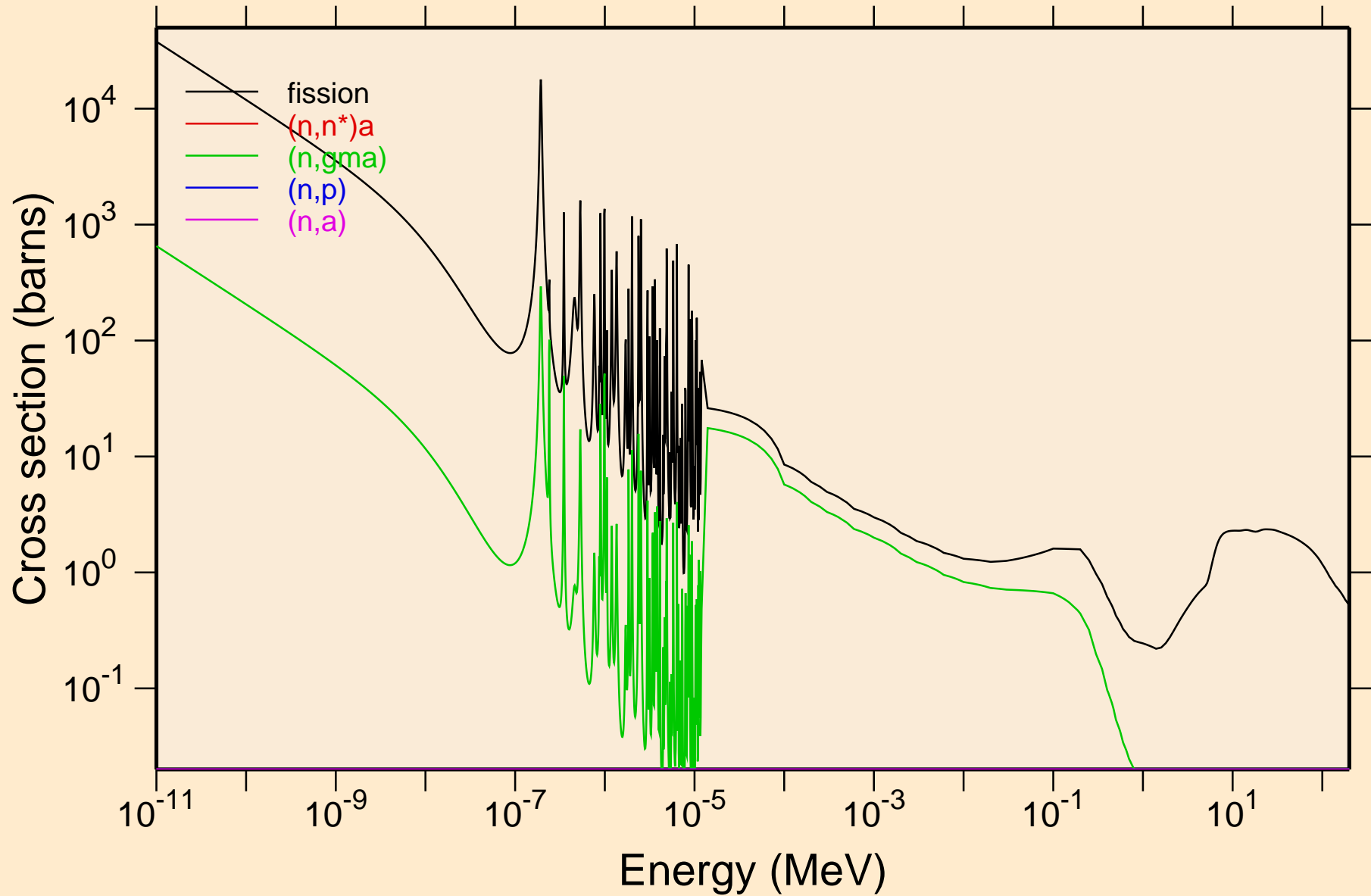


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

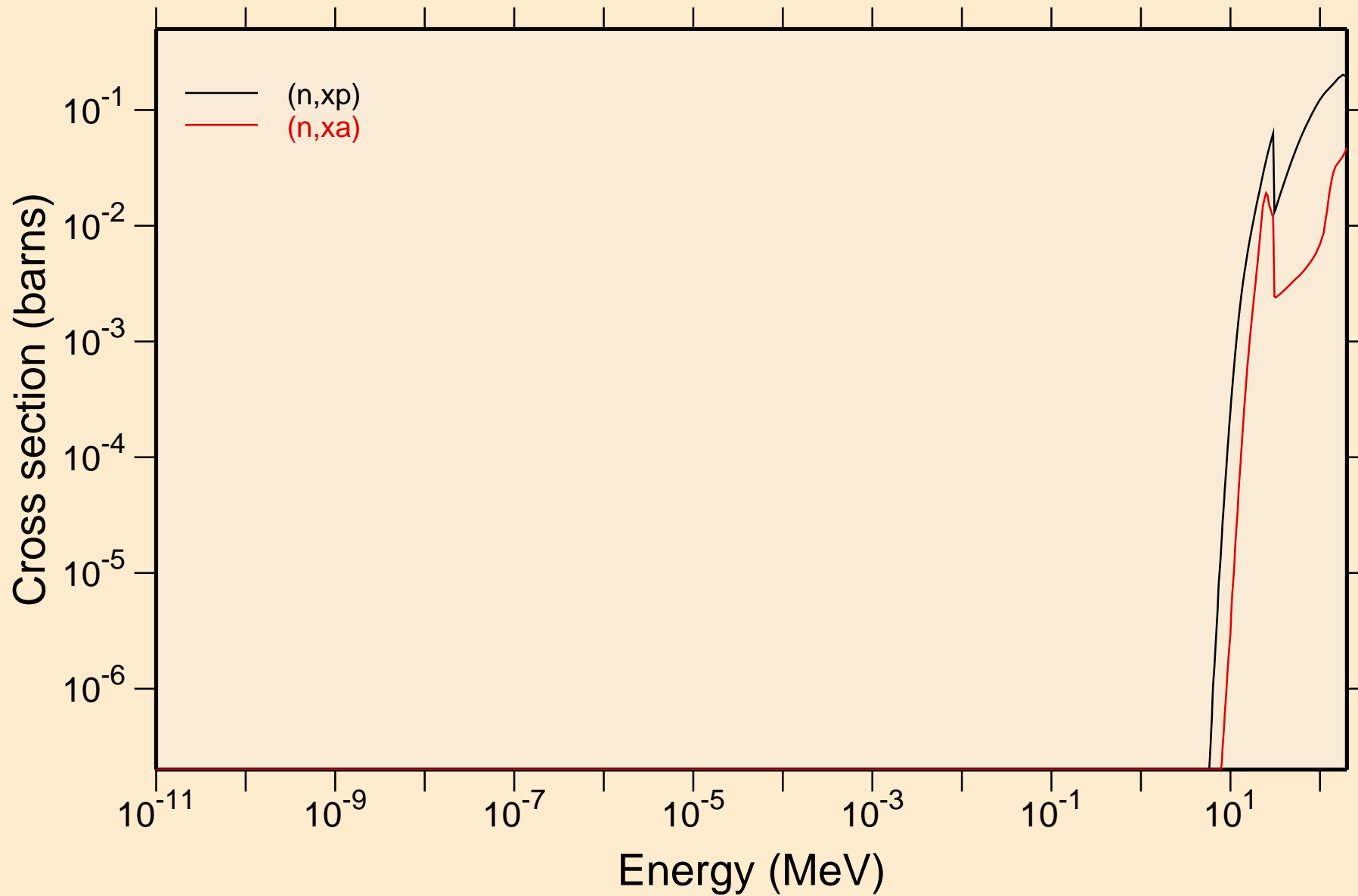


# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

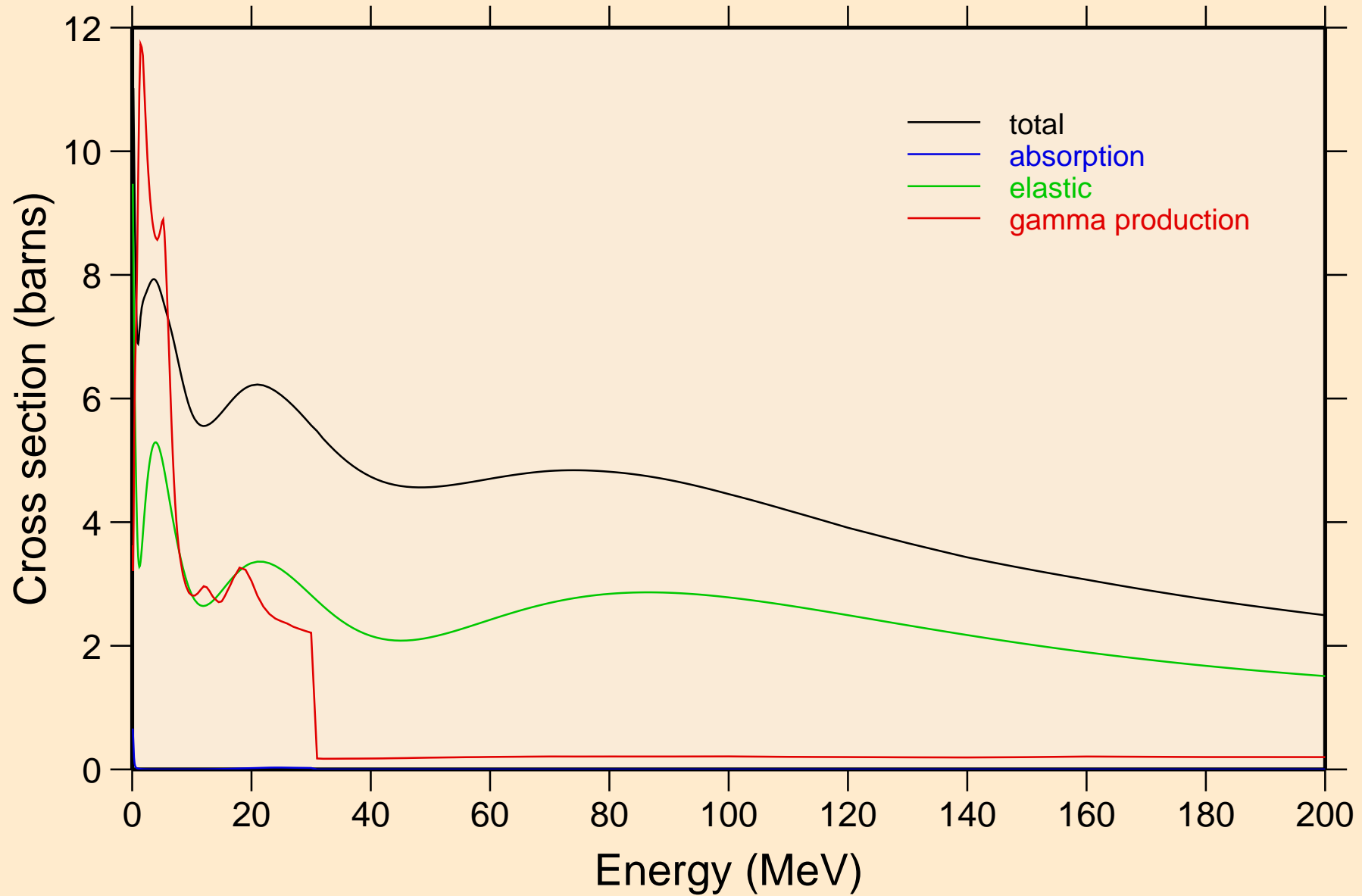


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



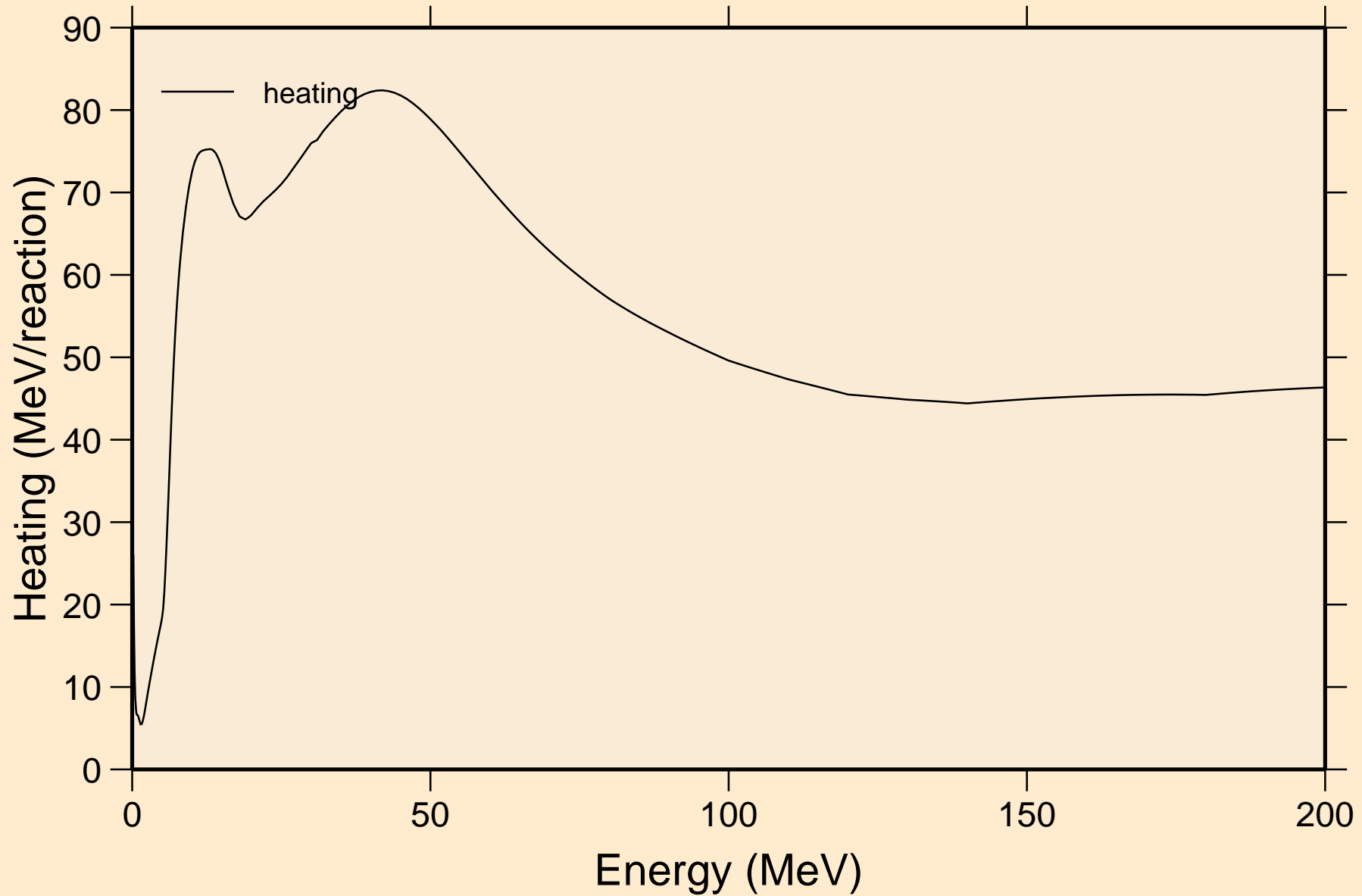
# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



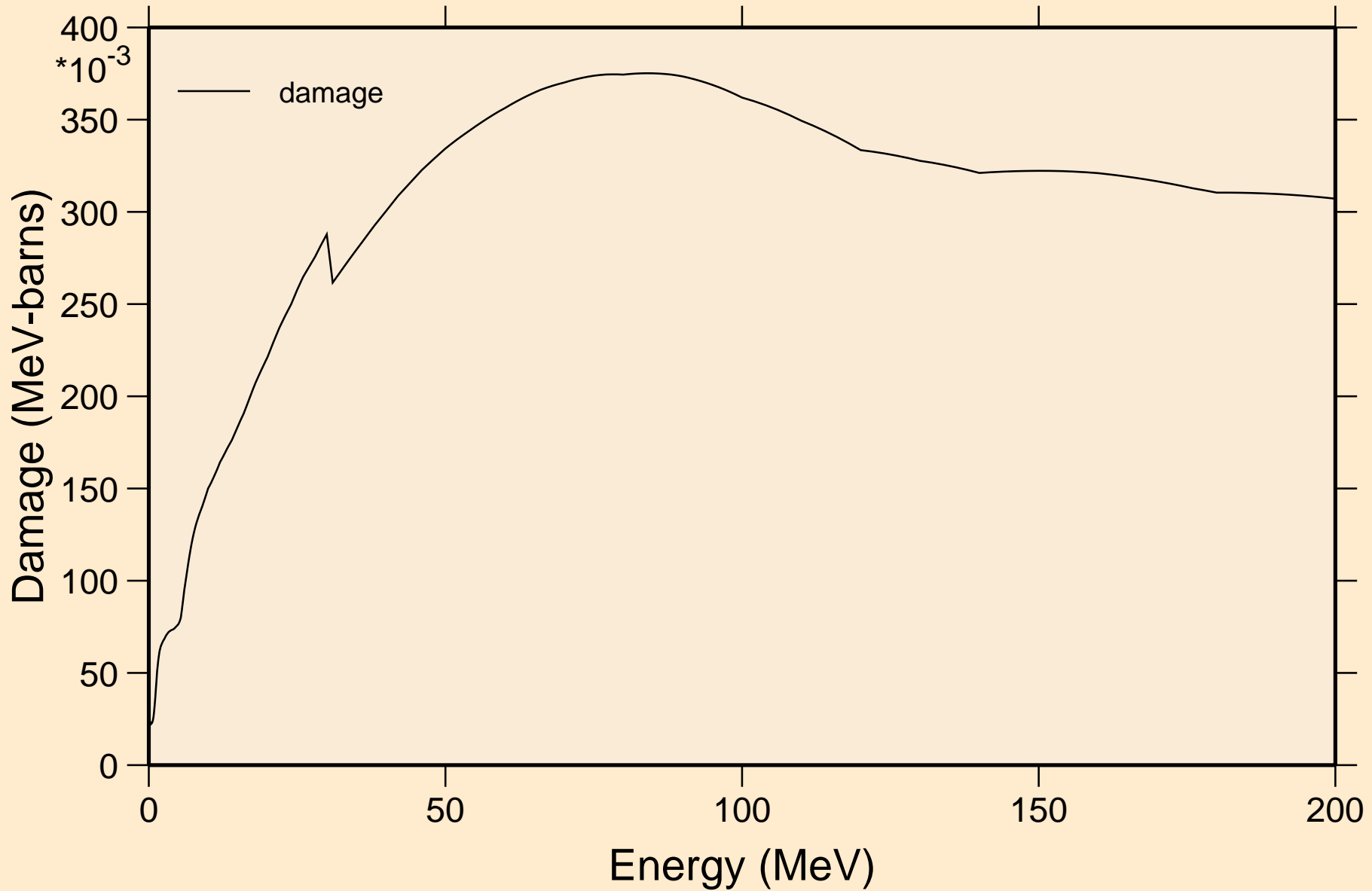
# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

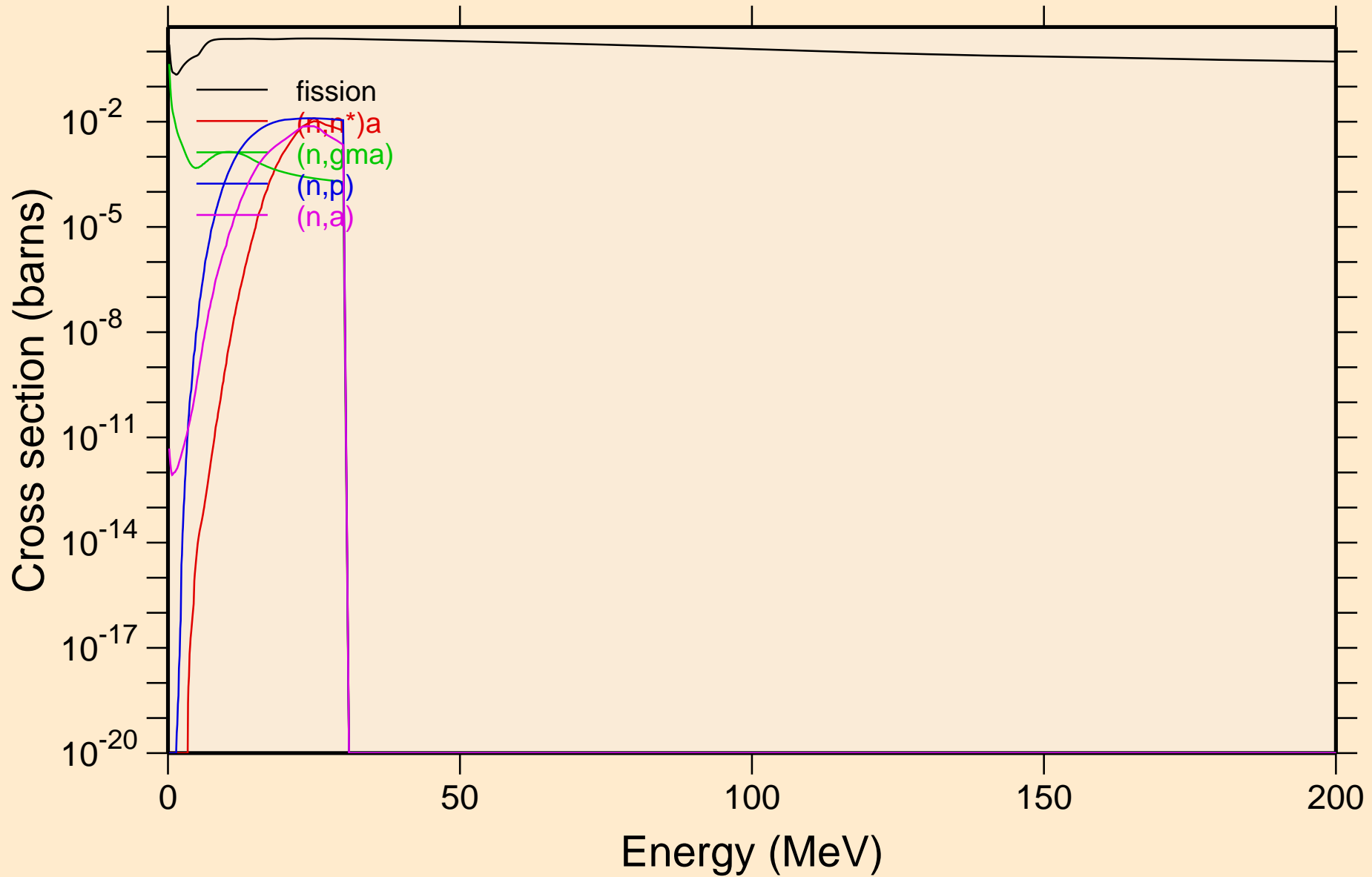
## Damage



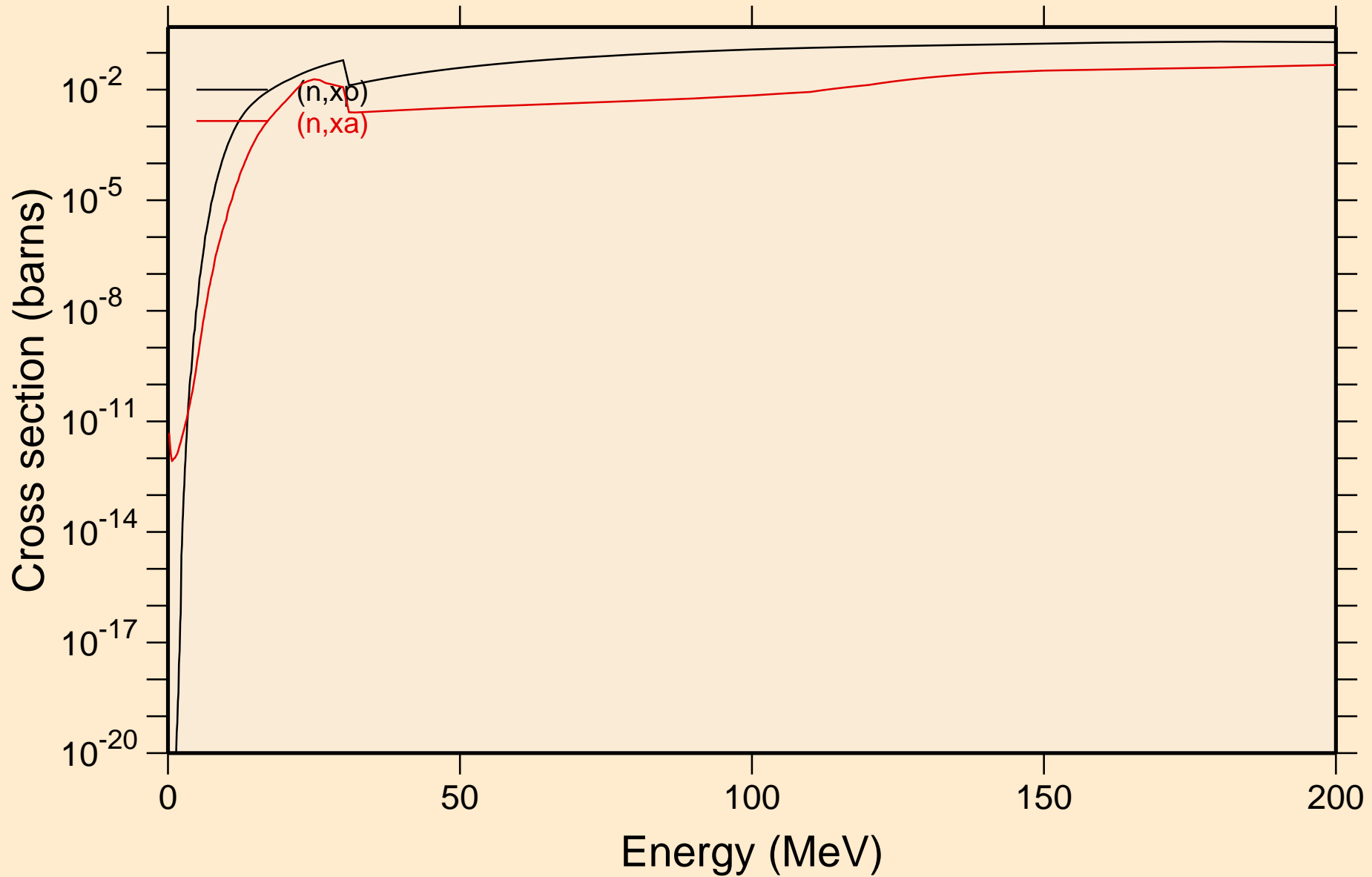


# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

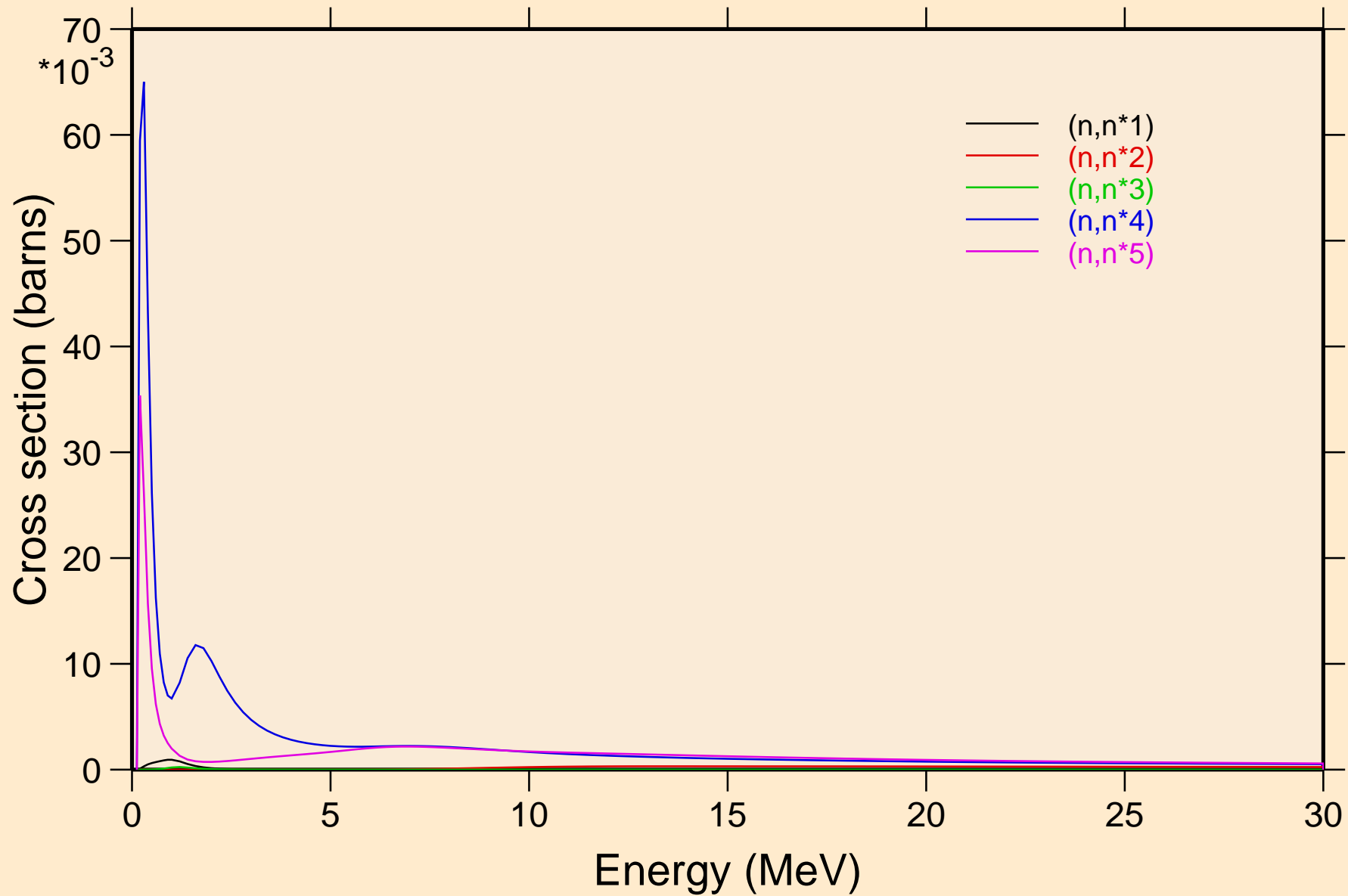


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

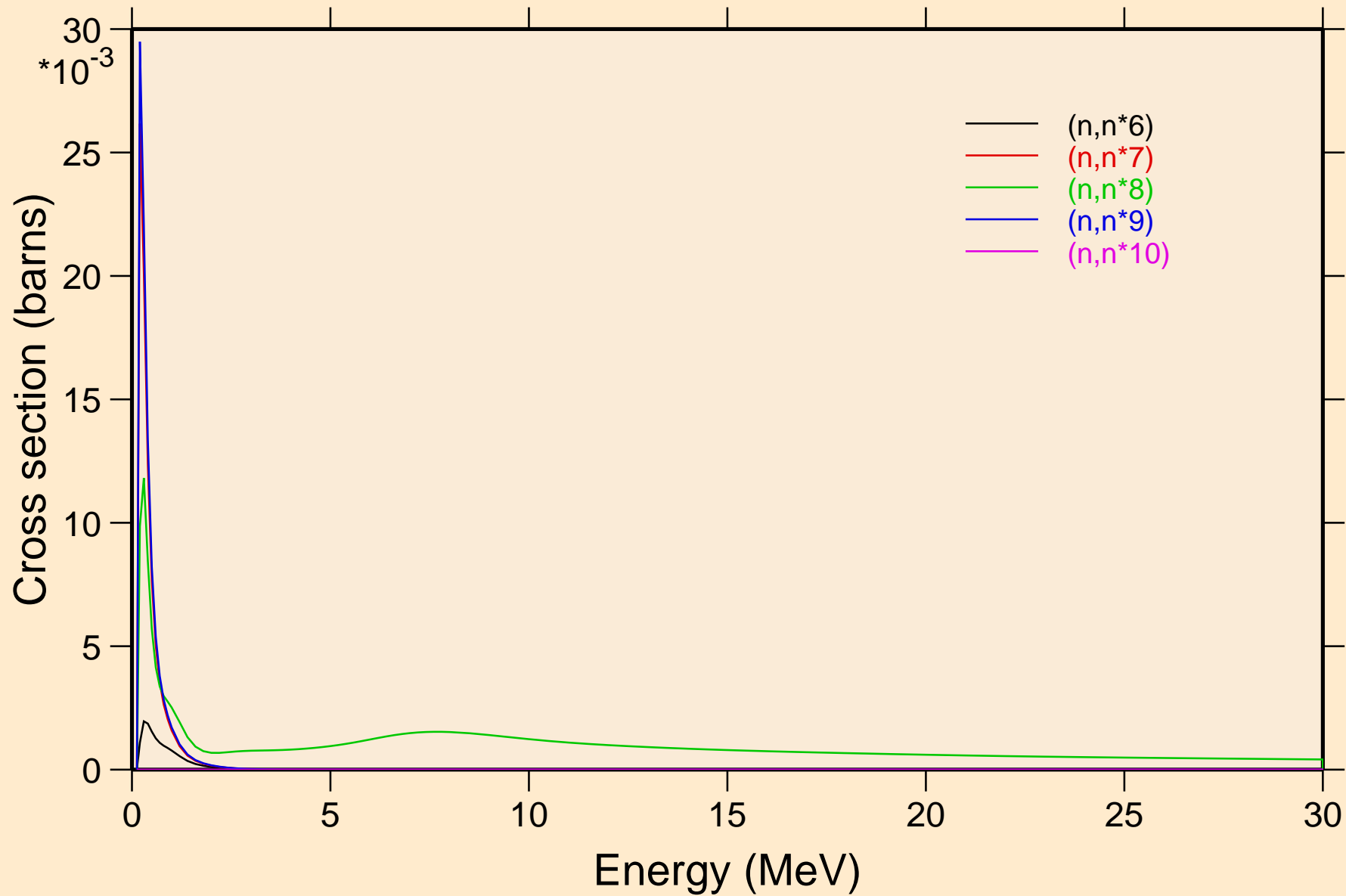


# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

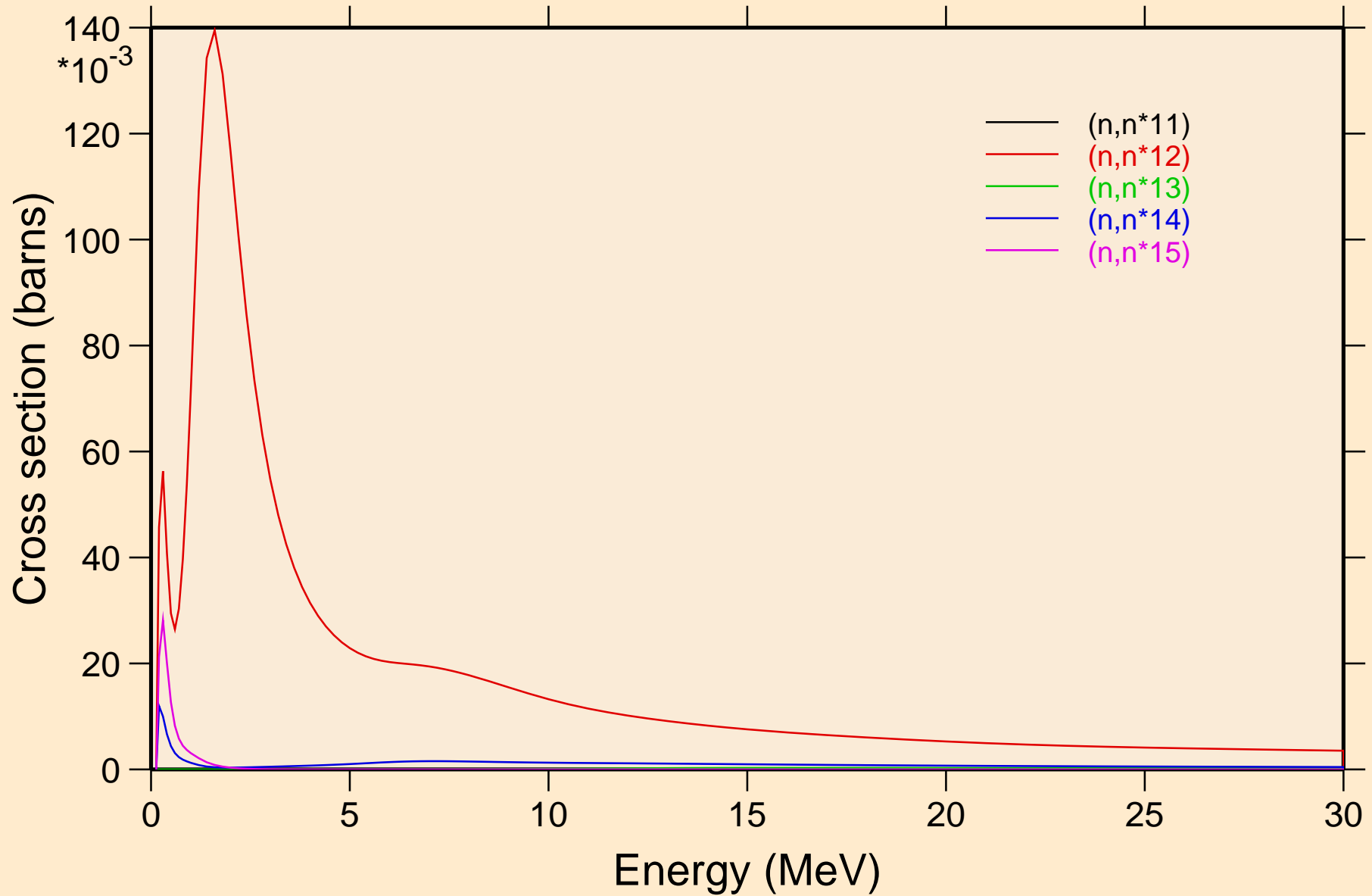
## Inelastic levels



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

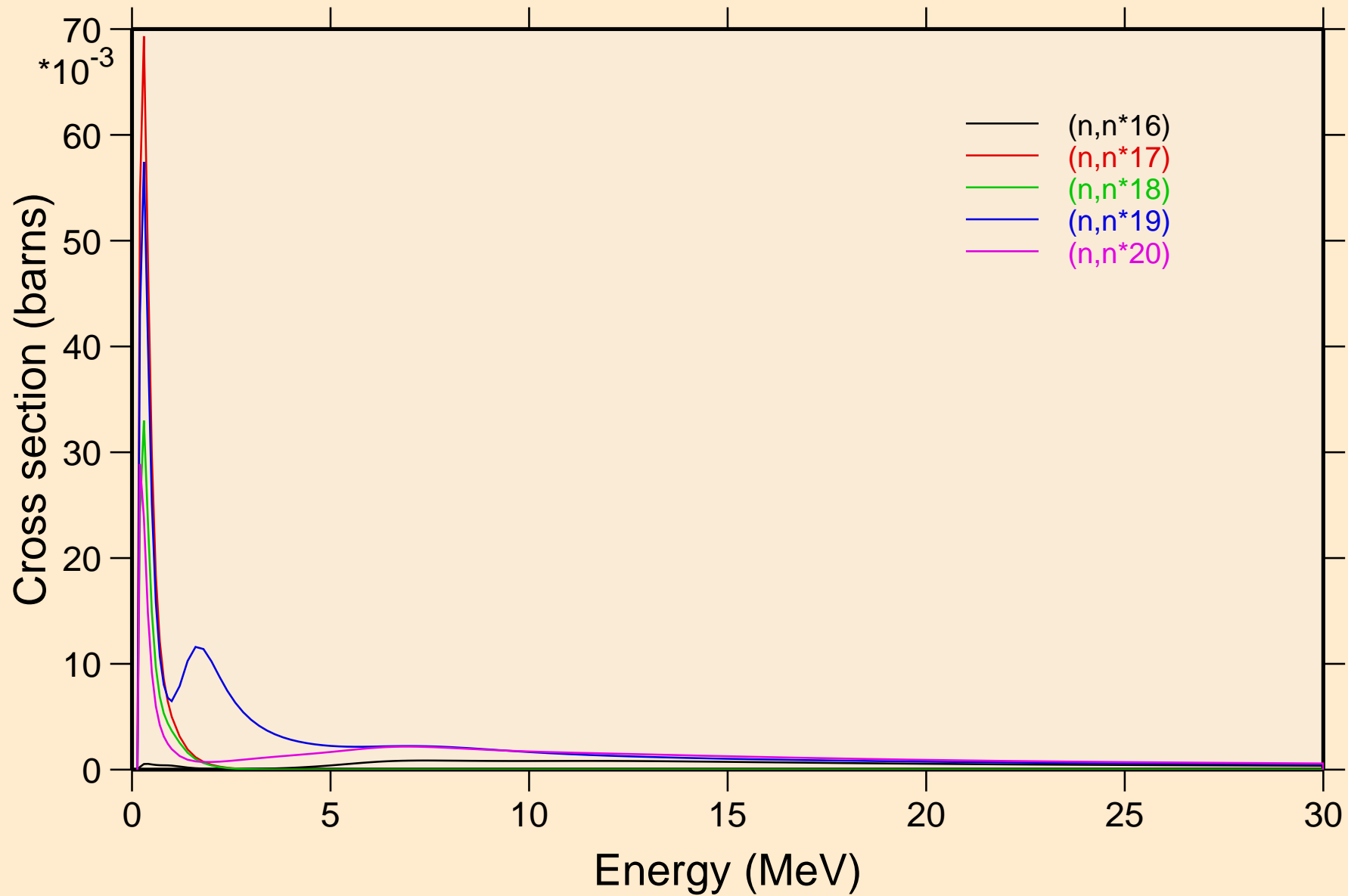


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

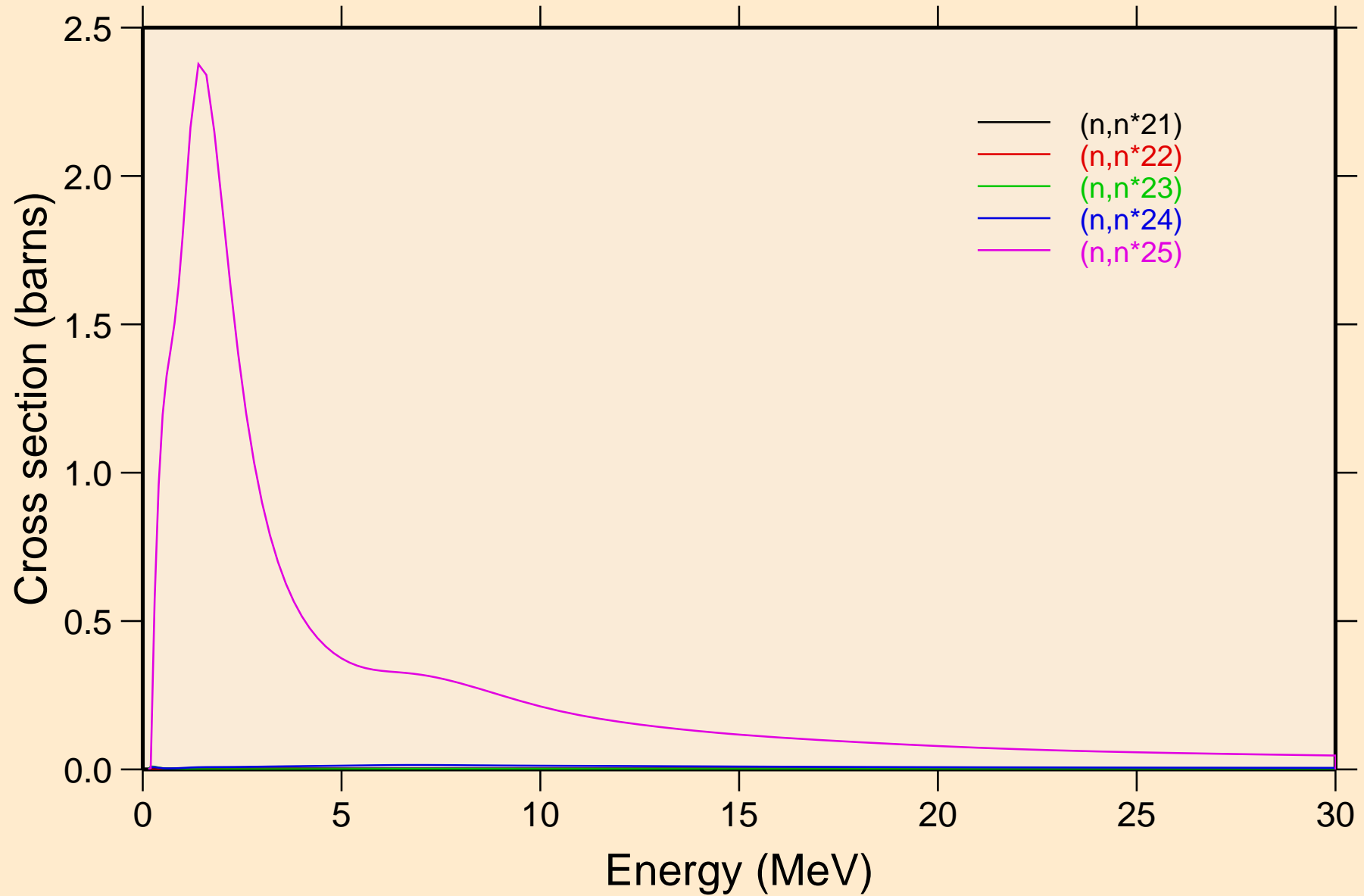


# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

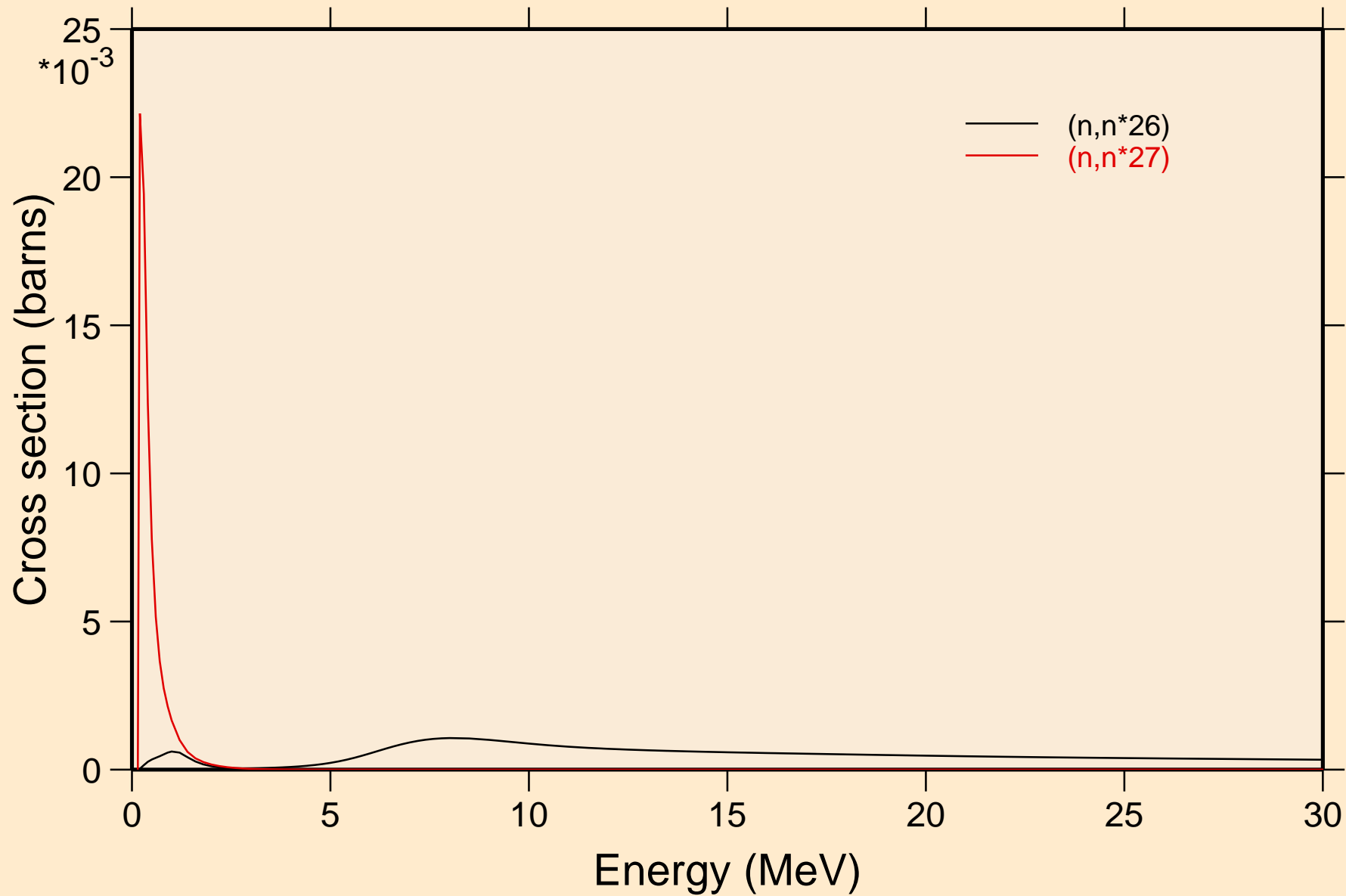
## Inelastic levels



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



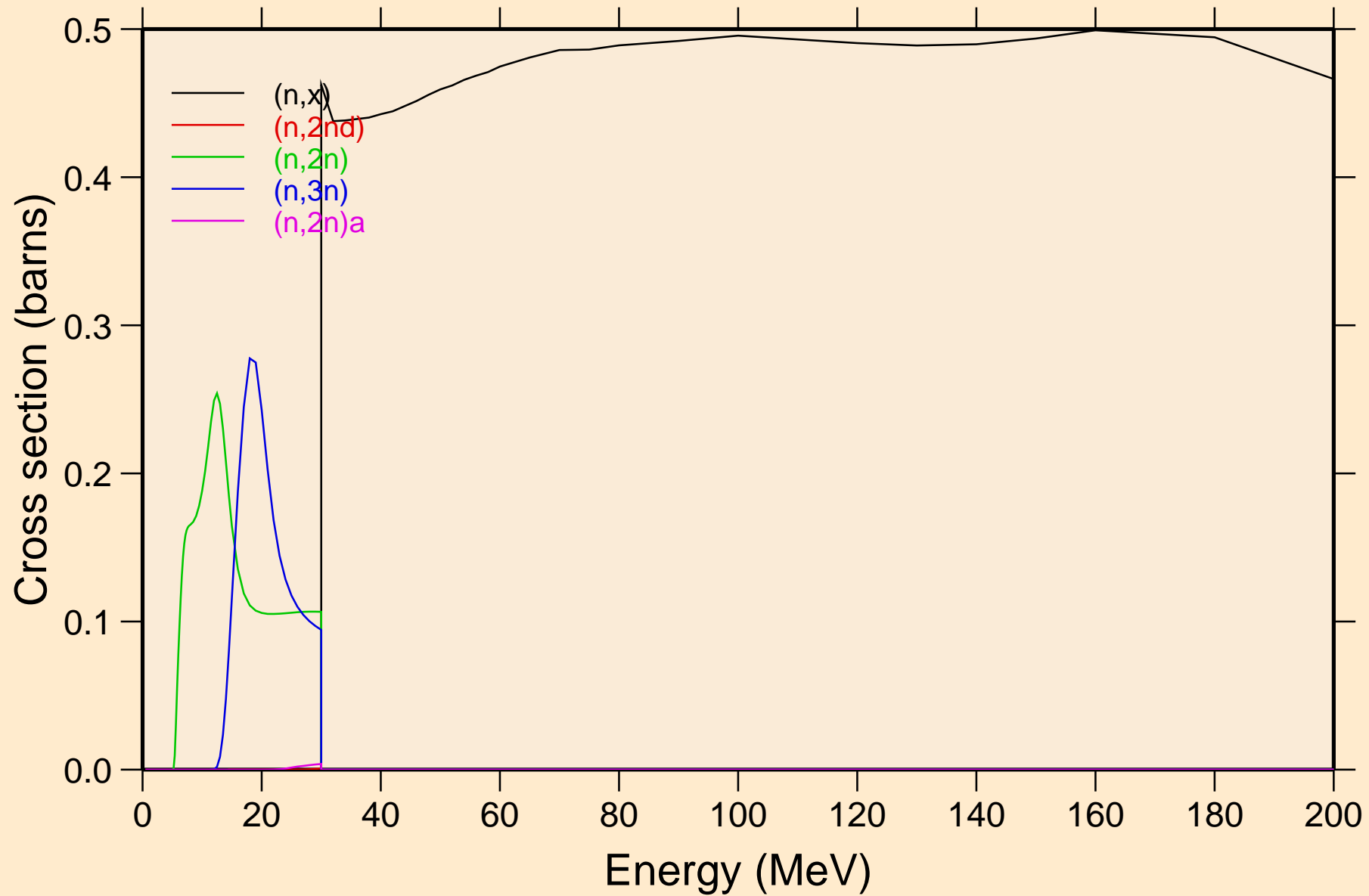
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



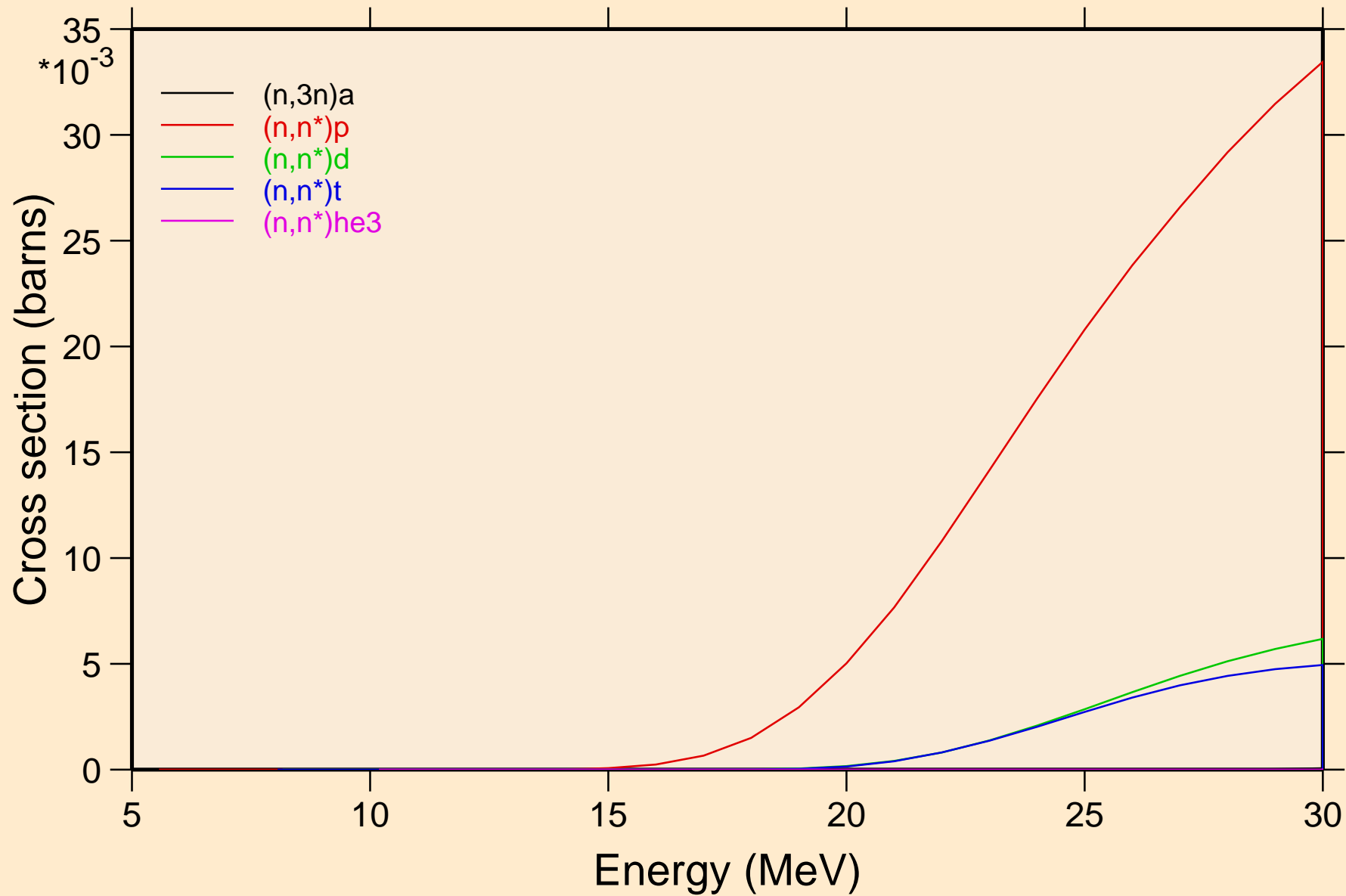


# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

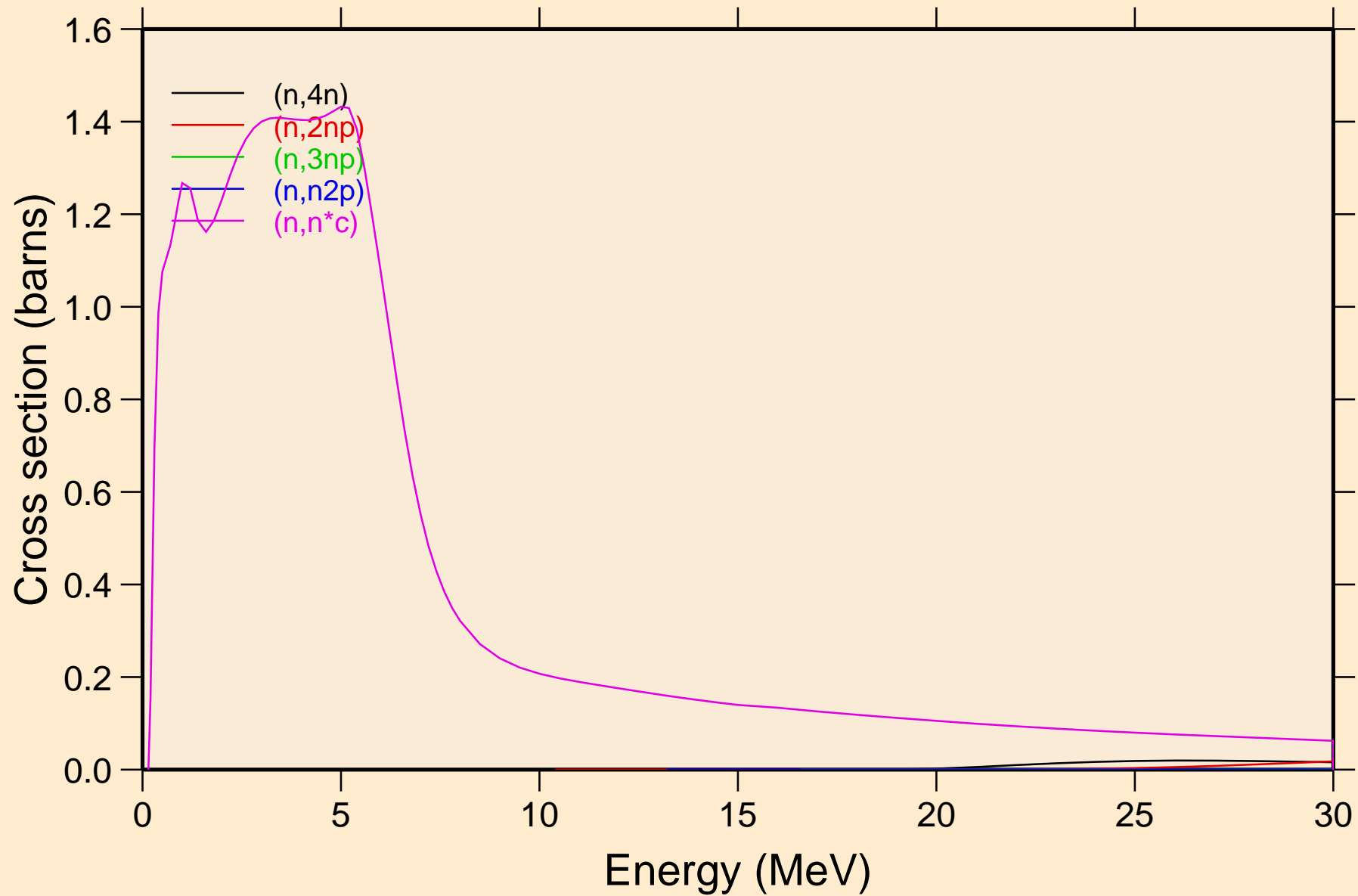
## Threshold reactions



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

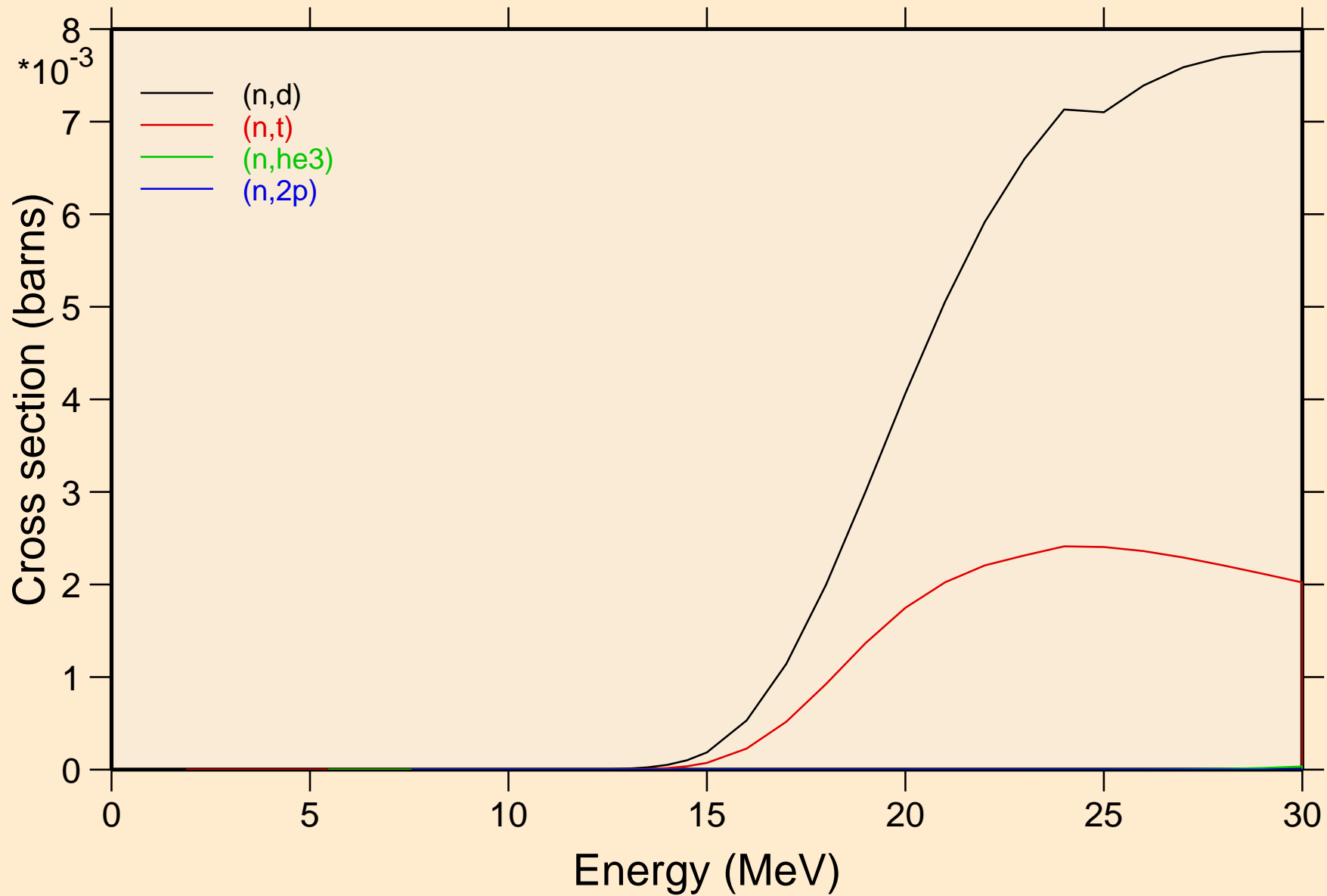


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



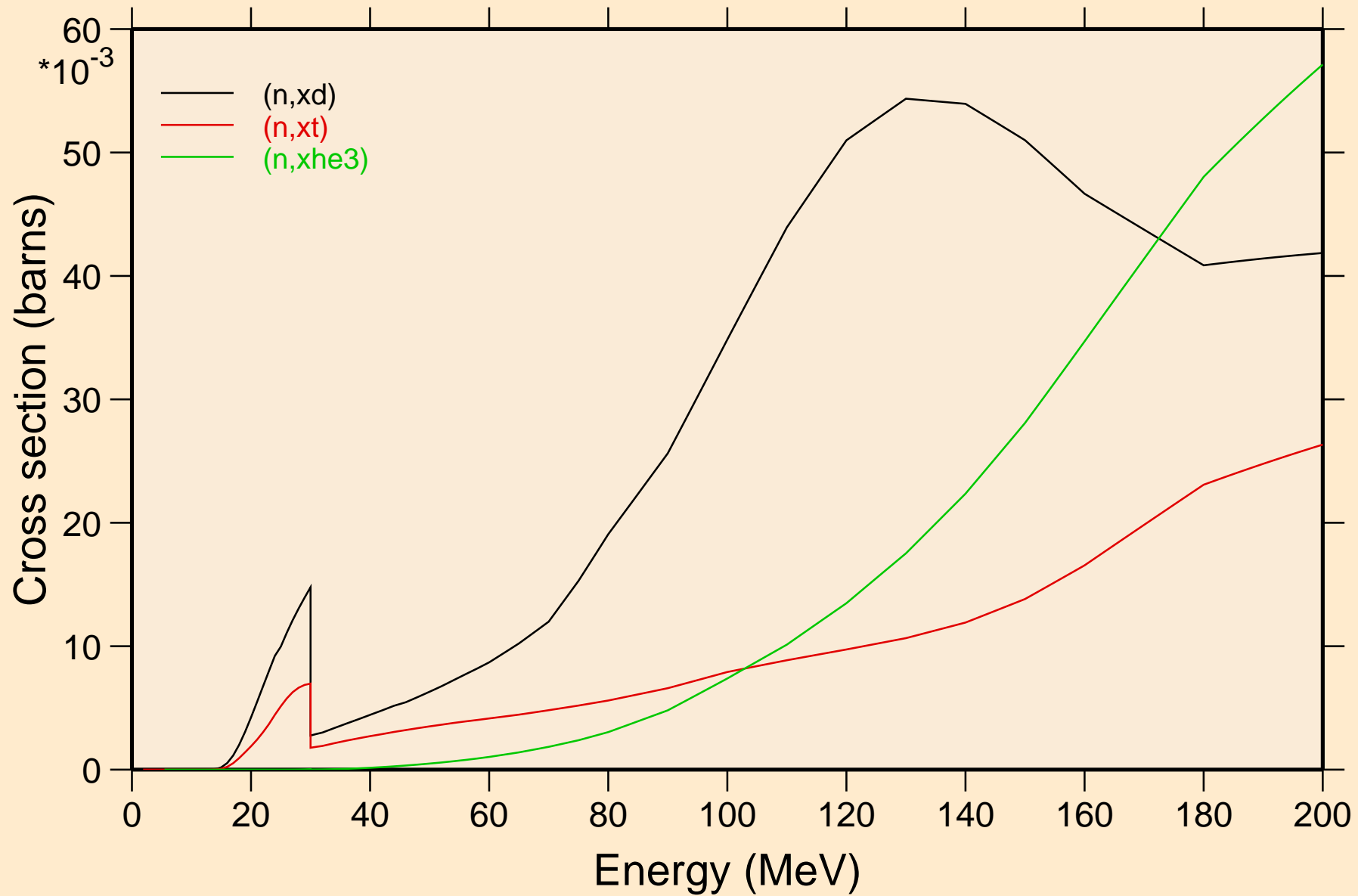
# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

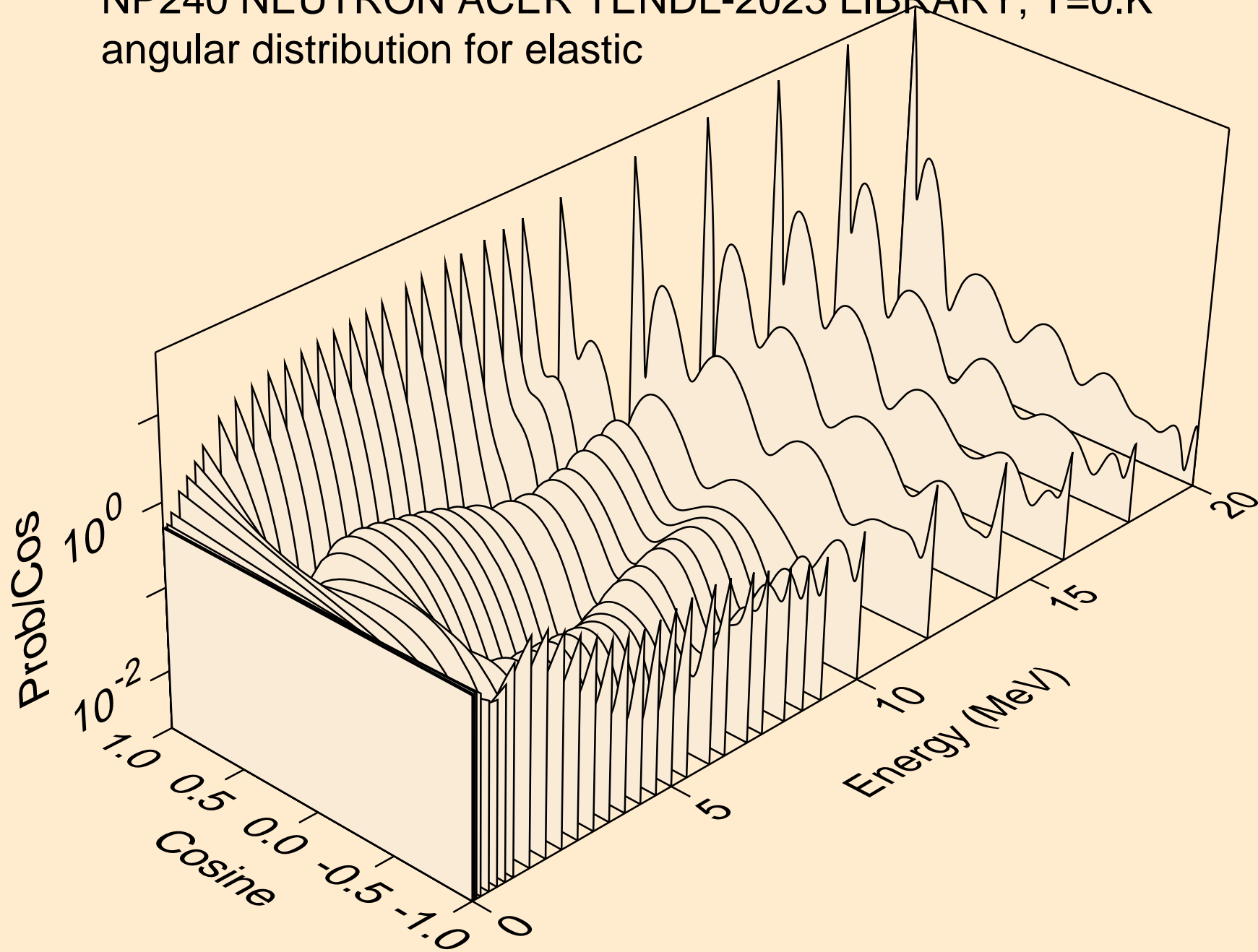


# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

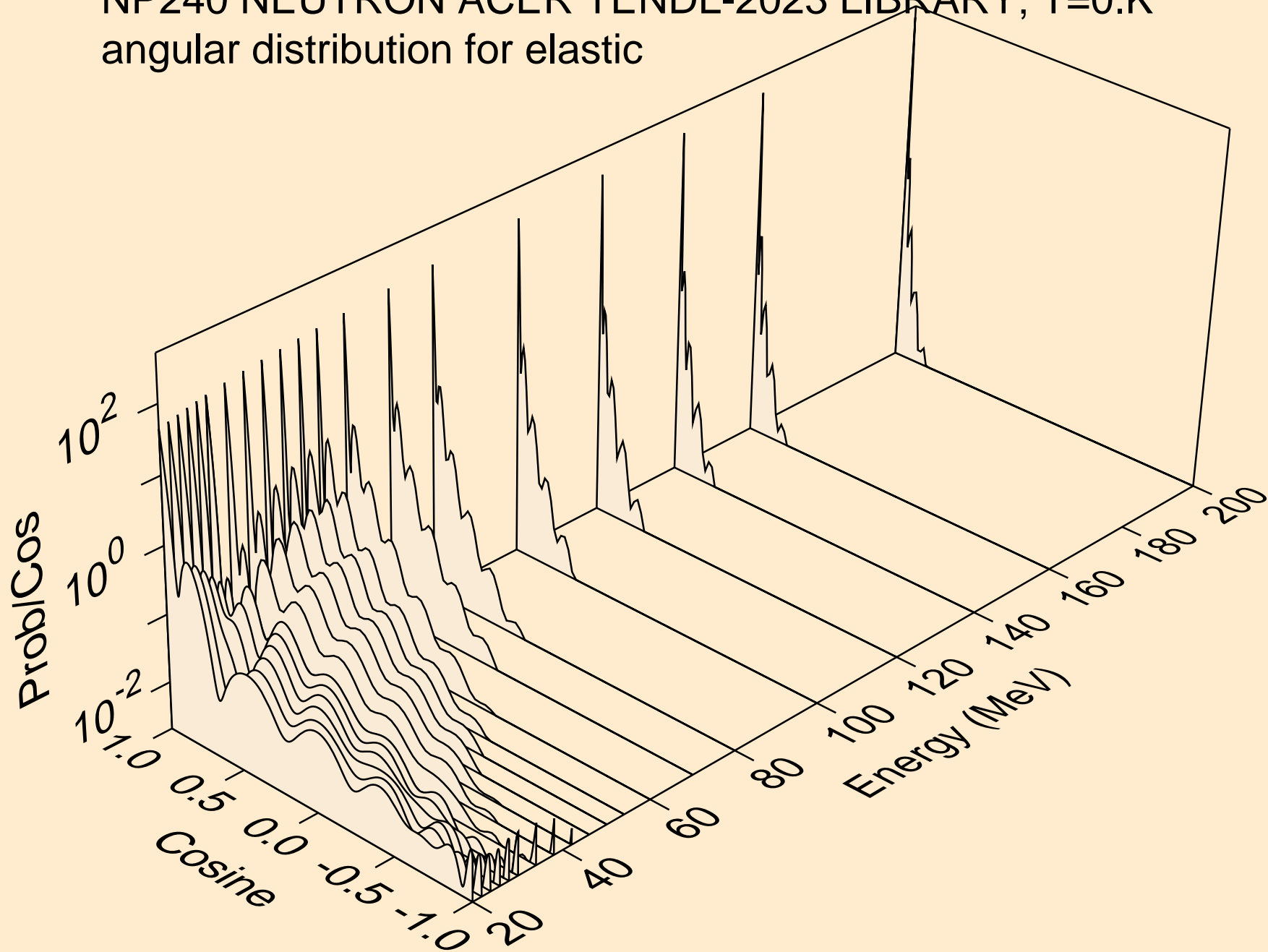
## Threshold reactions



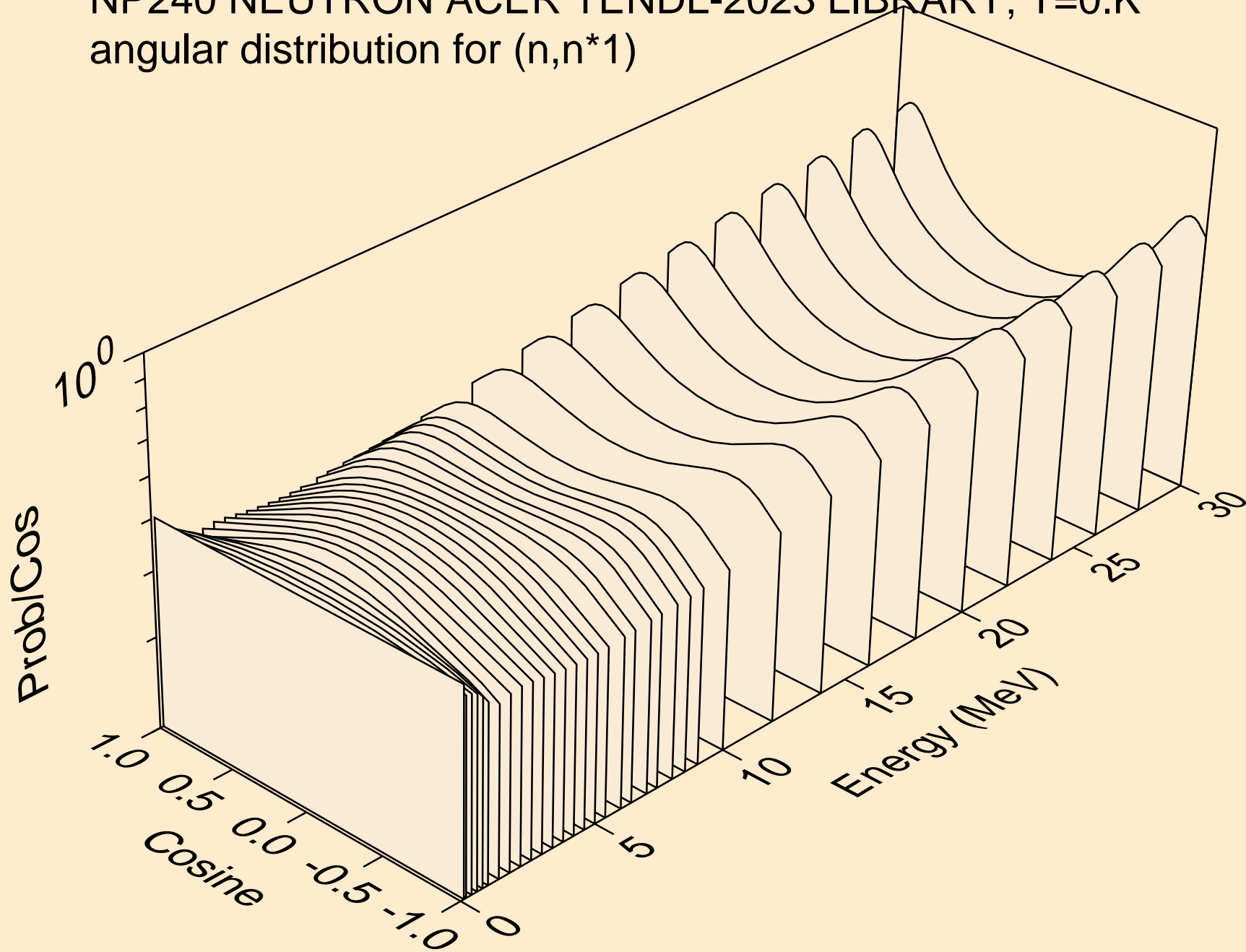
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

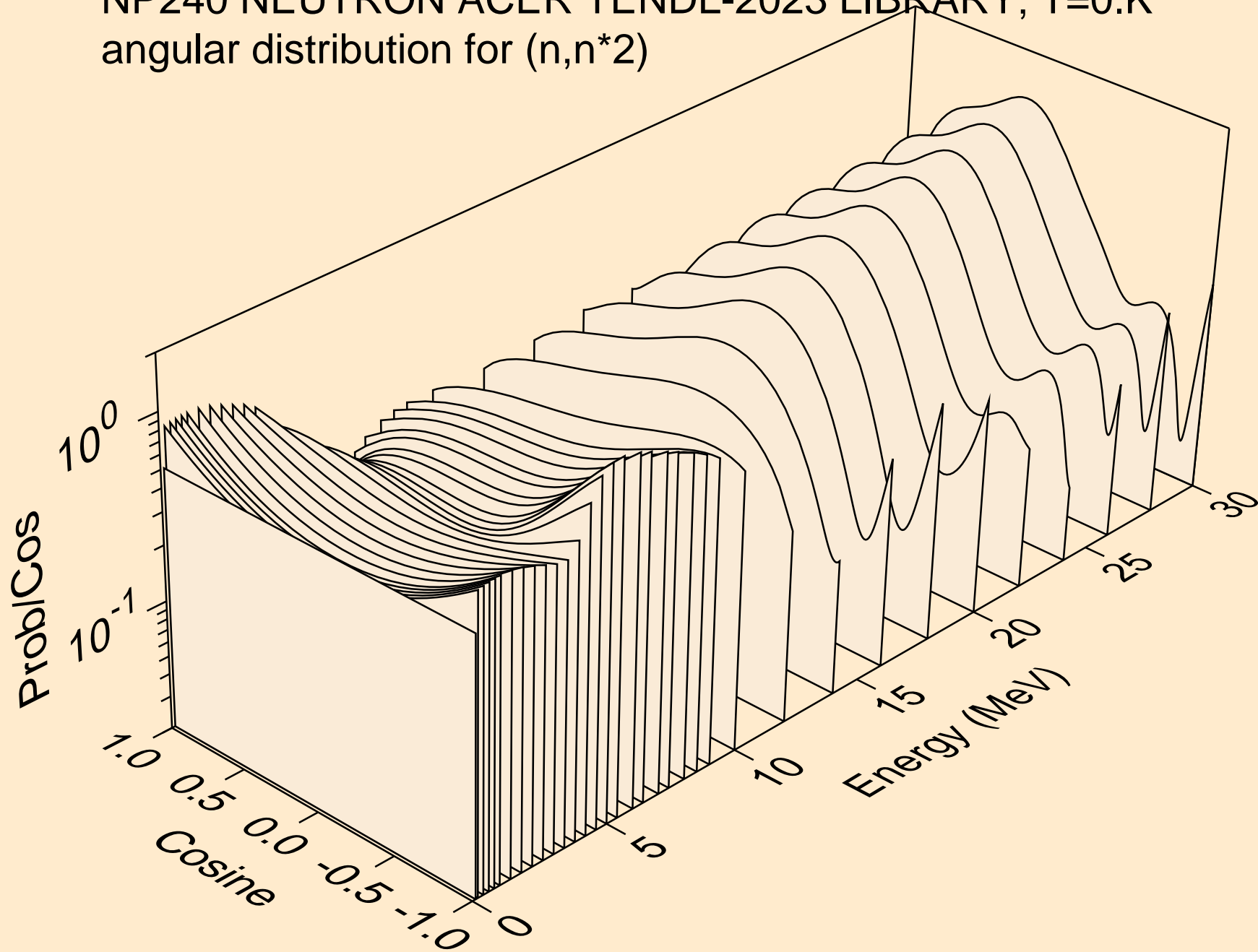


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

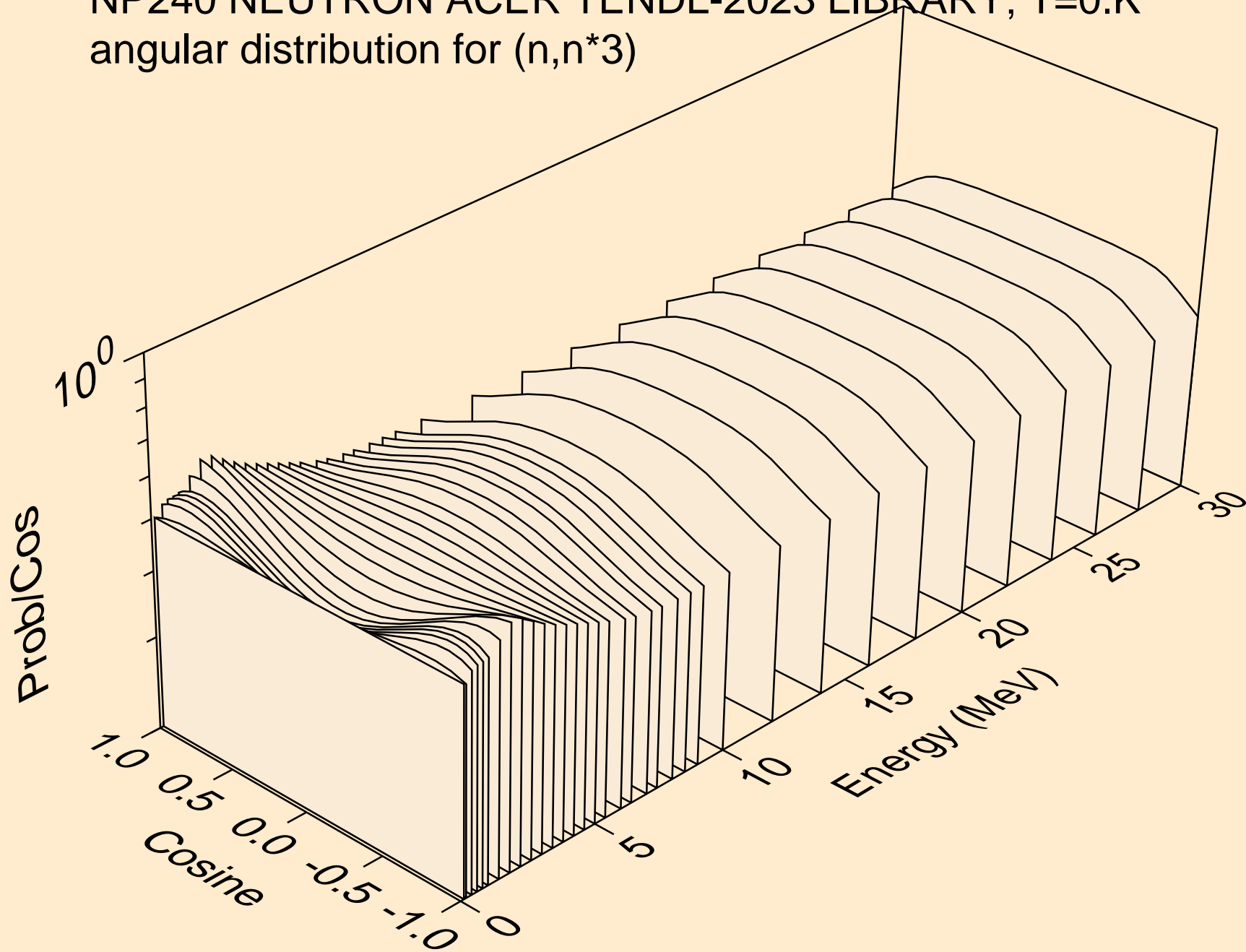




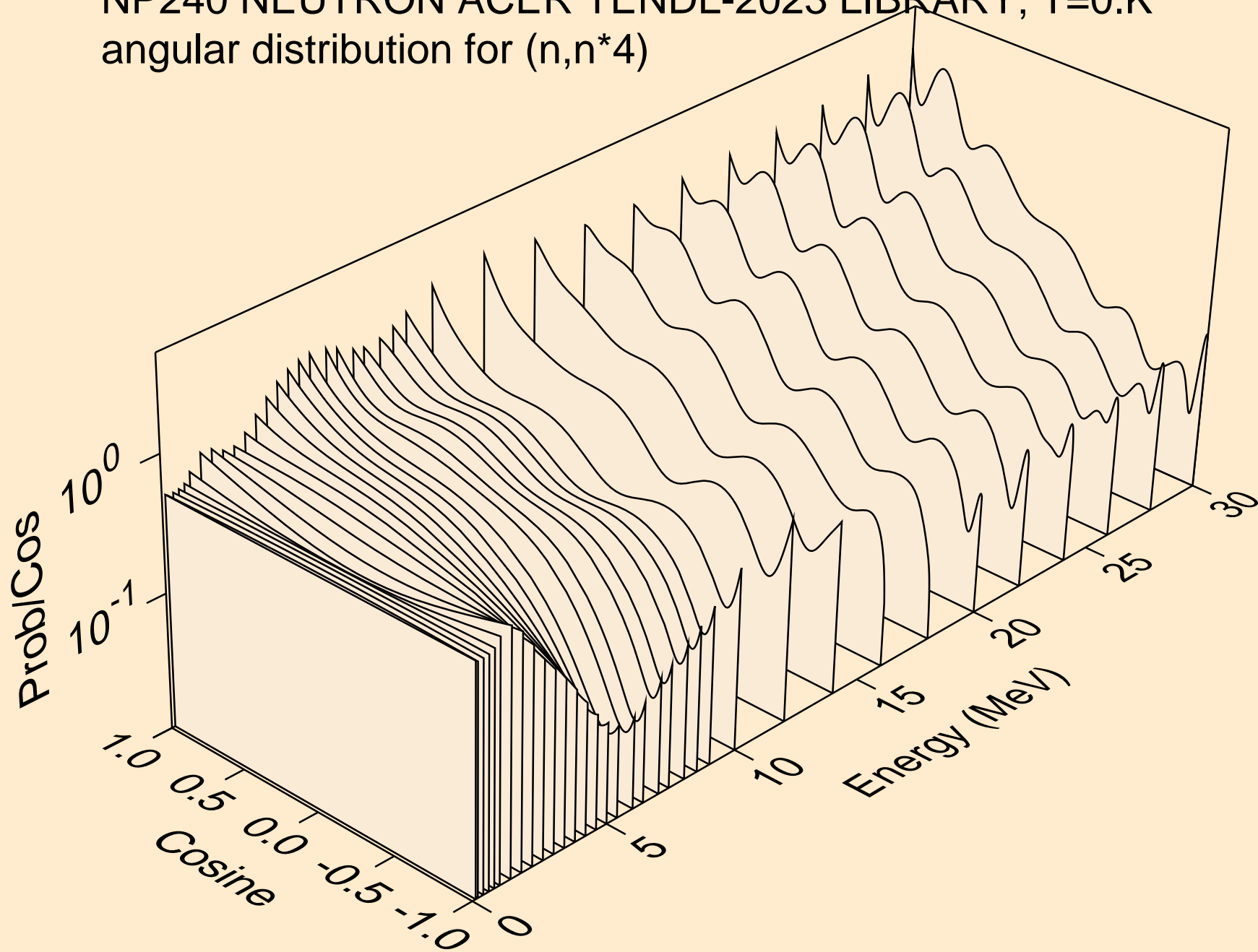
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



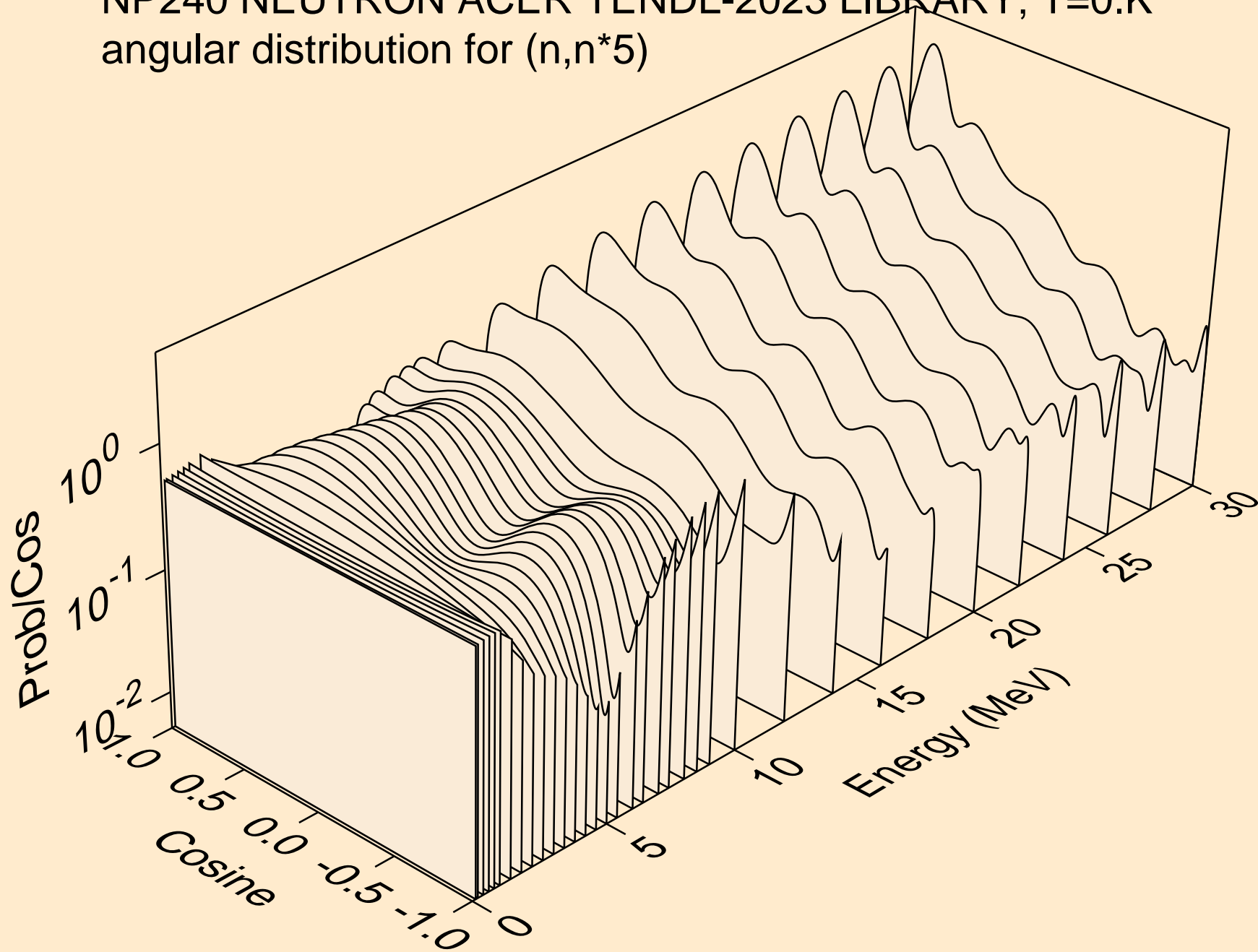
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



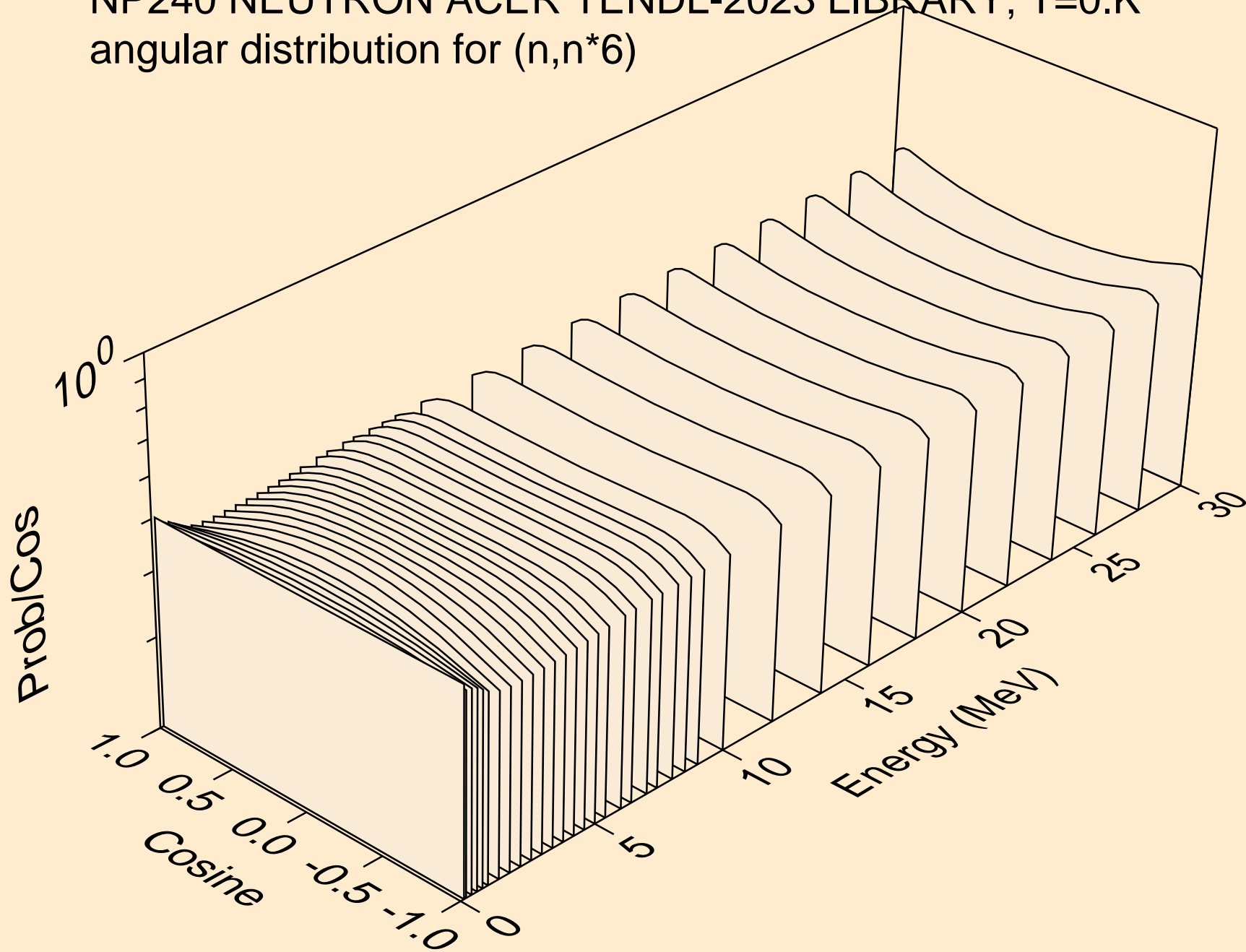
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



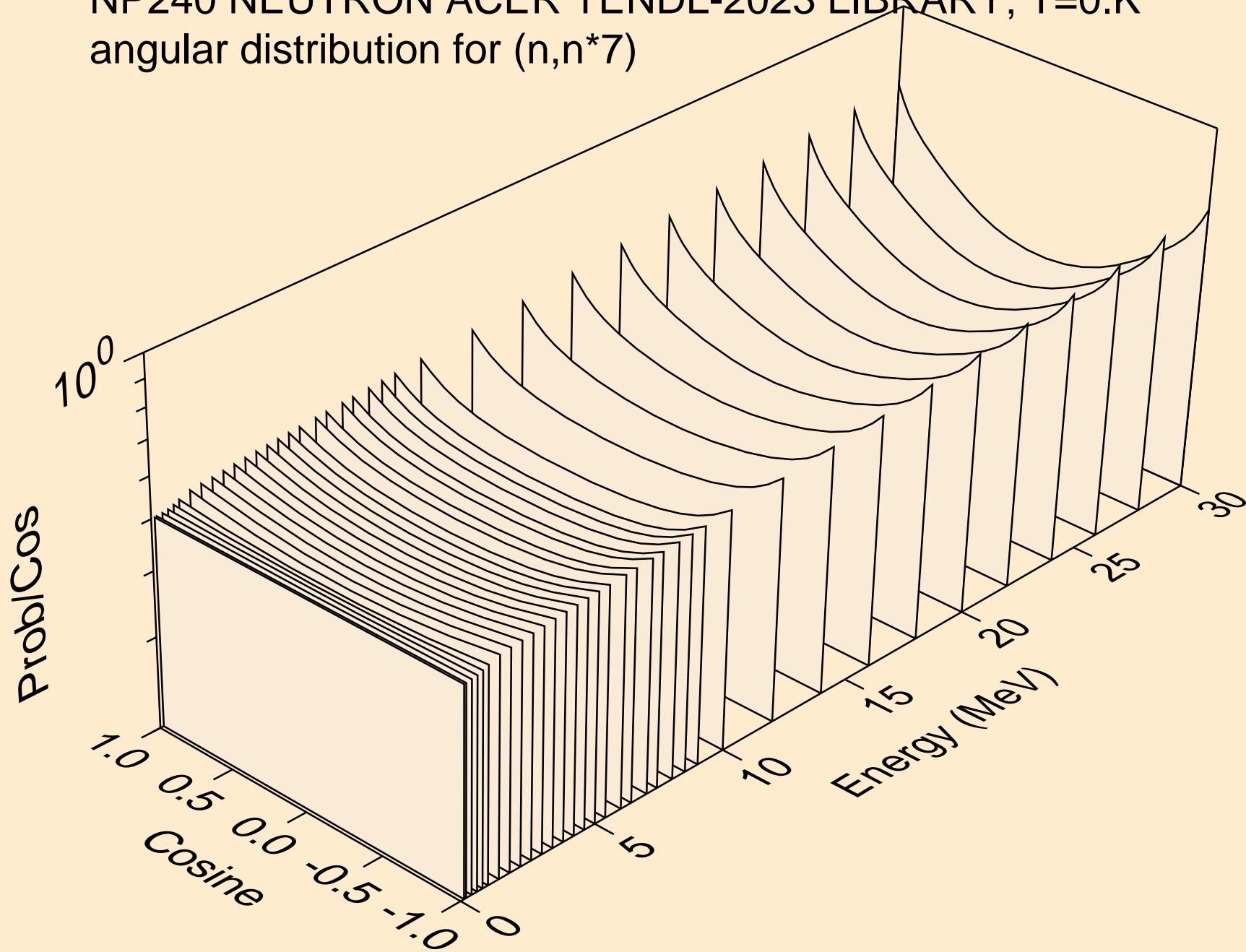
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



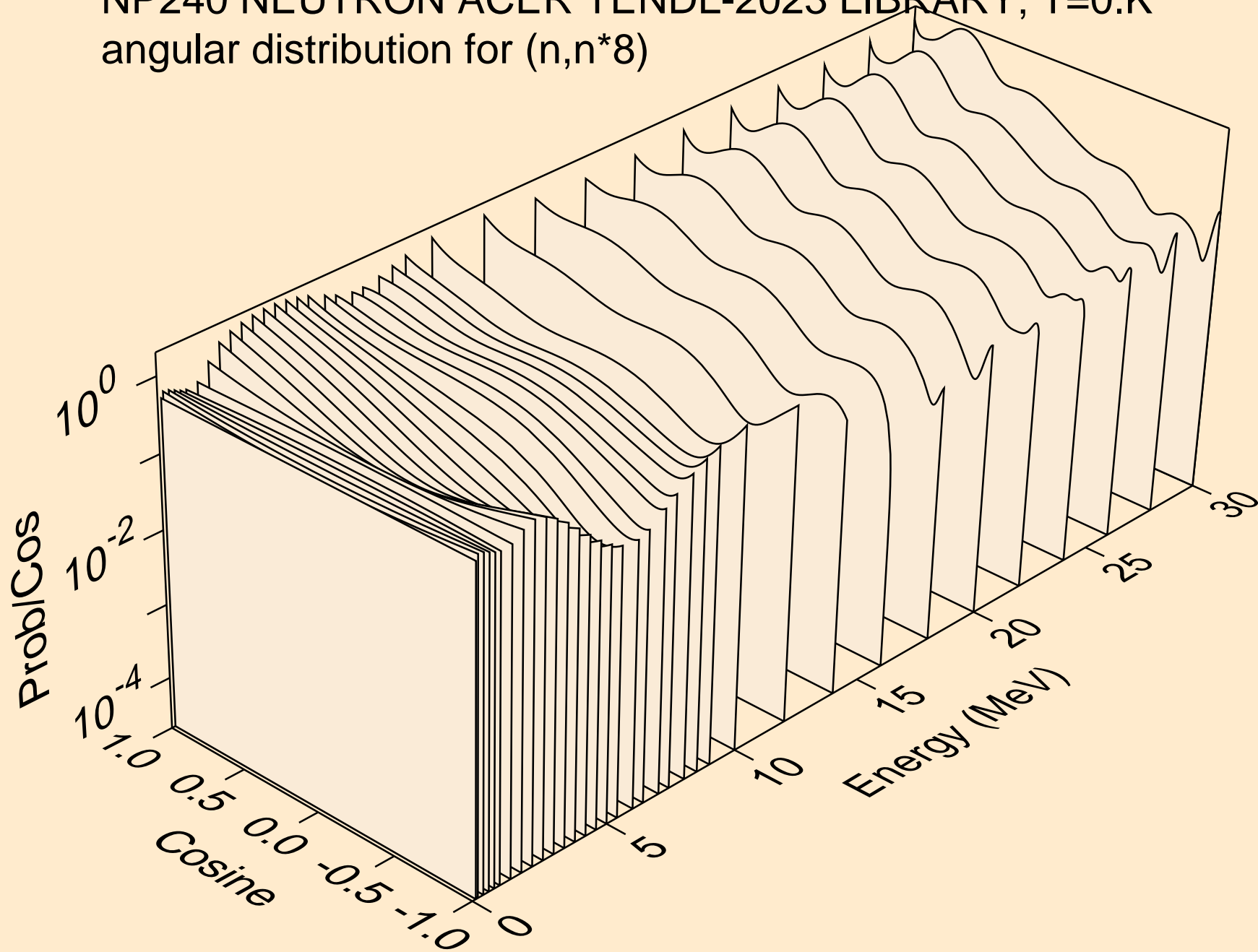
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



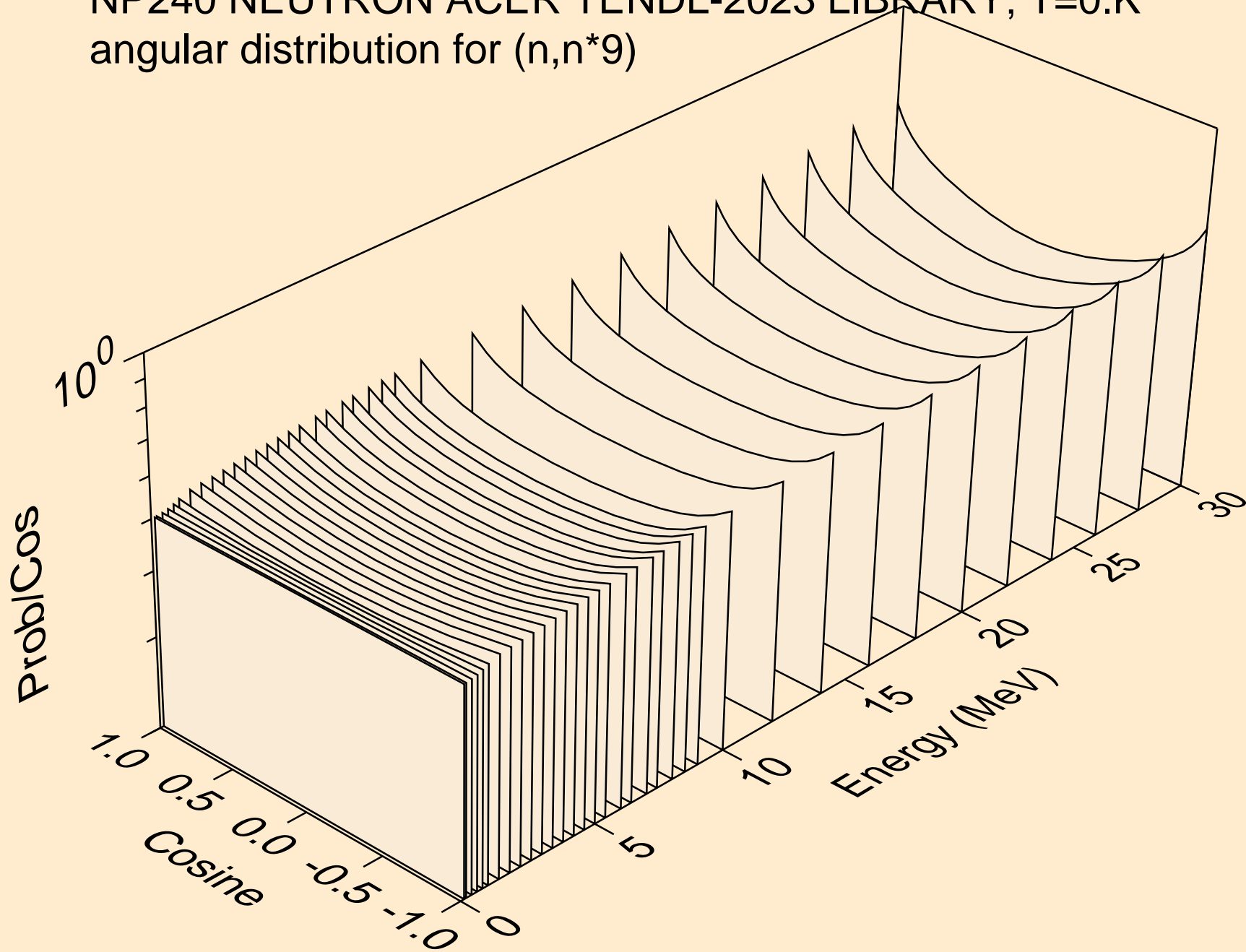
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

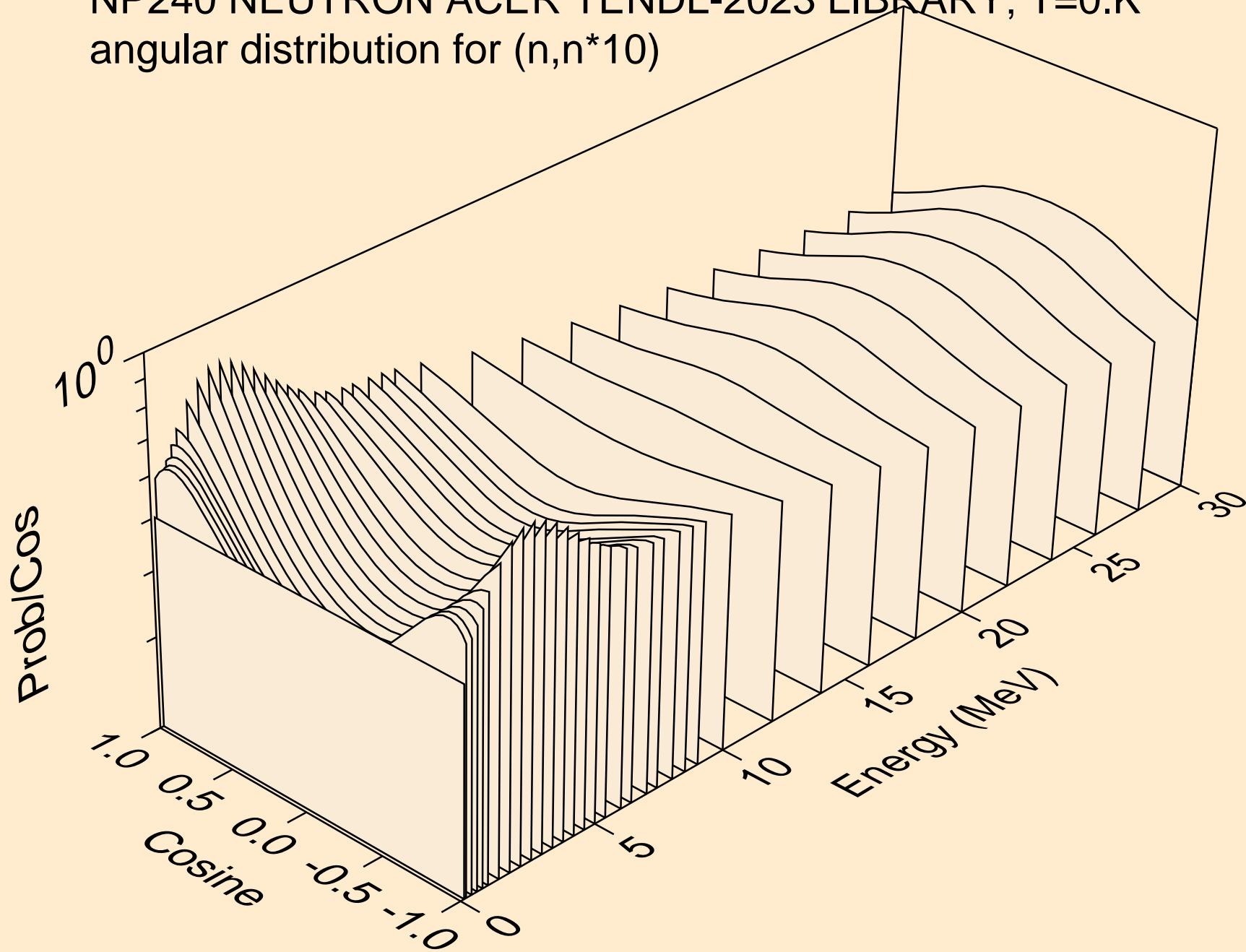


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

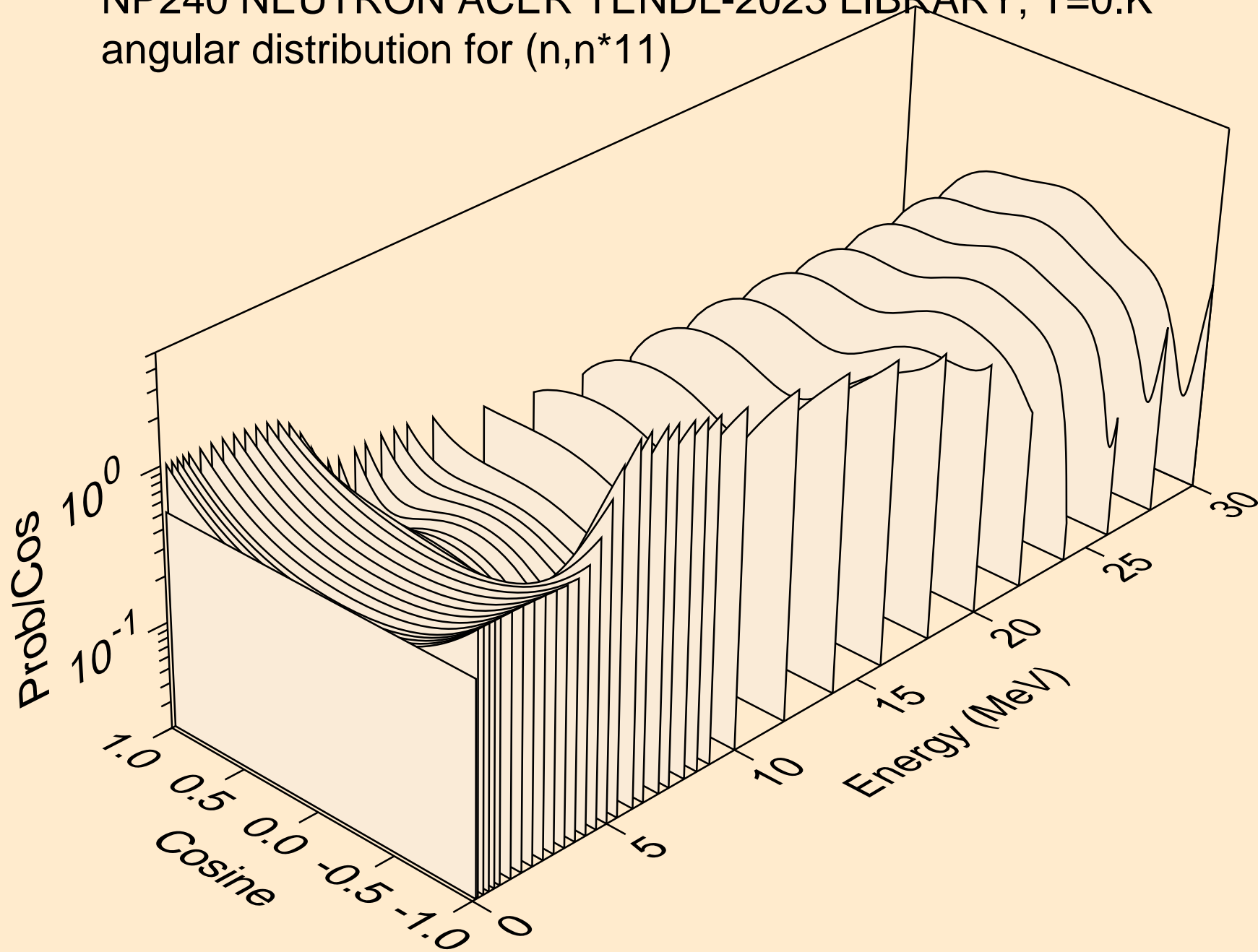




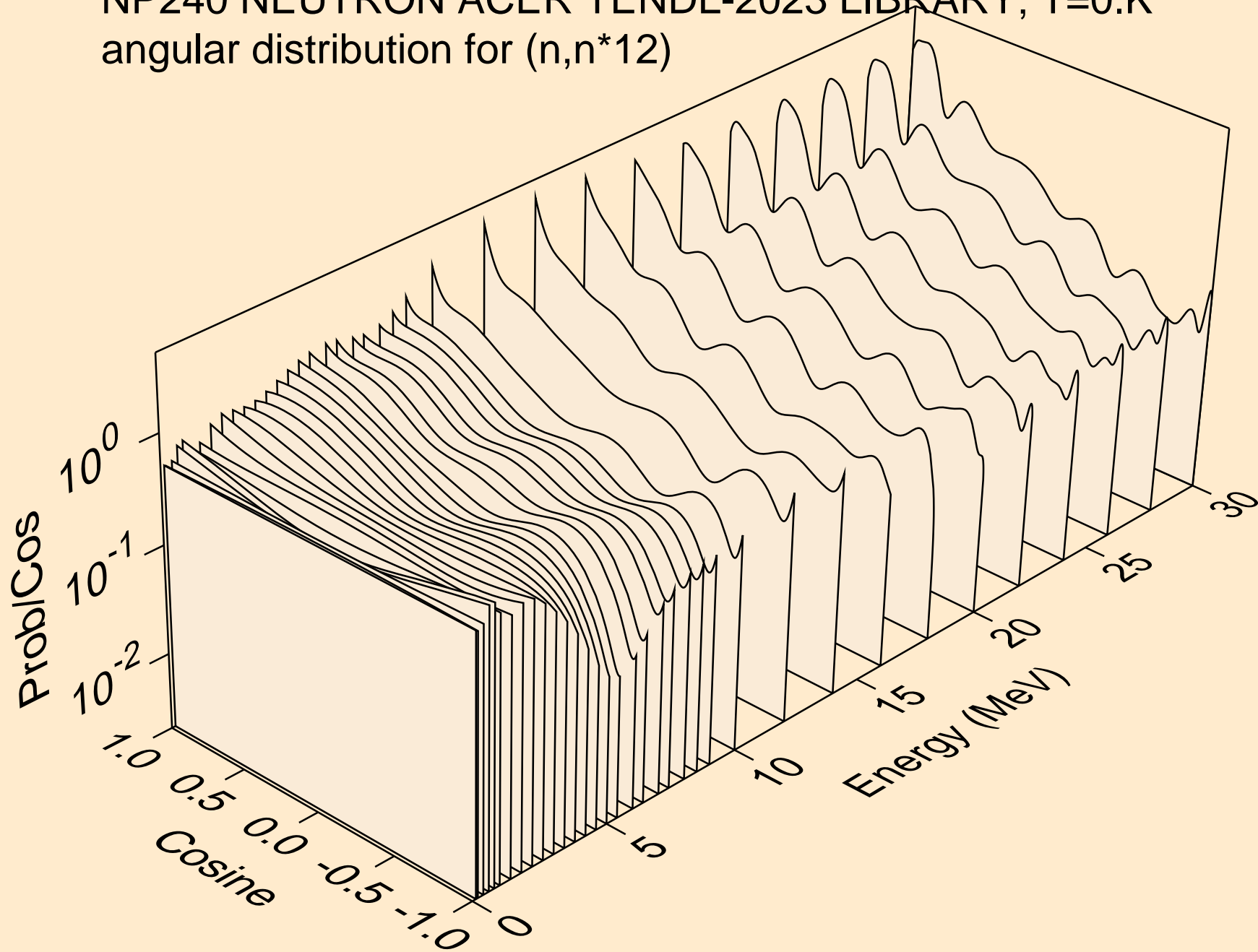
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



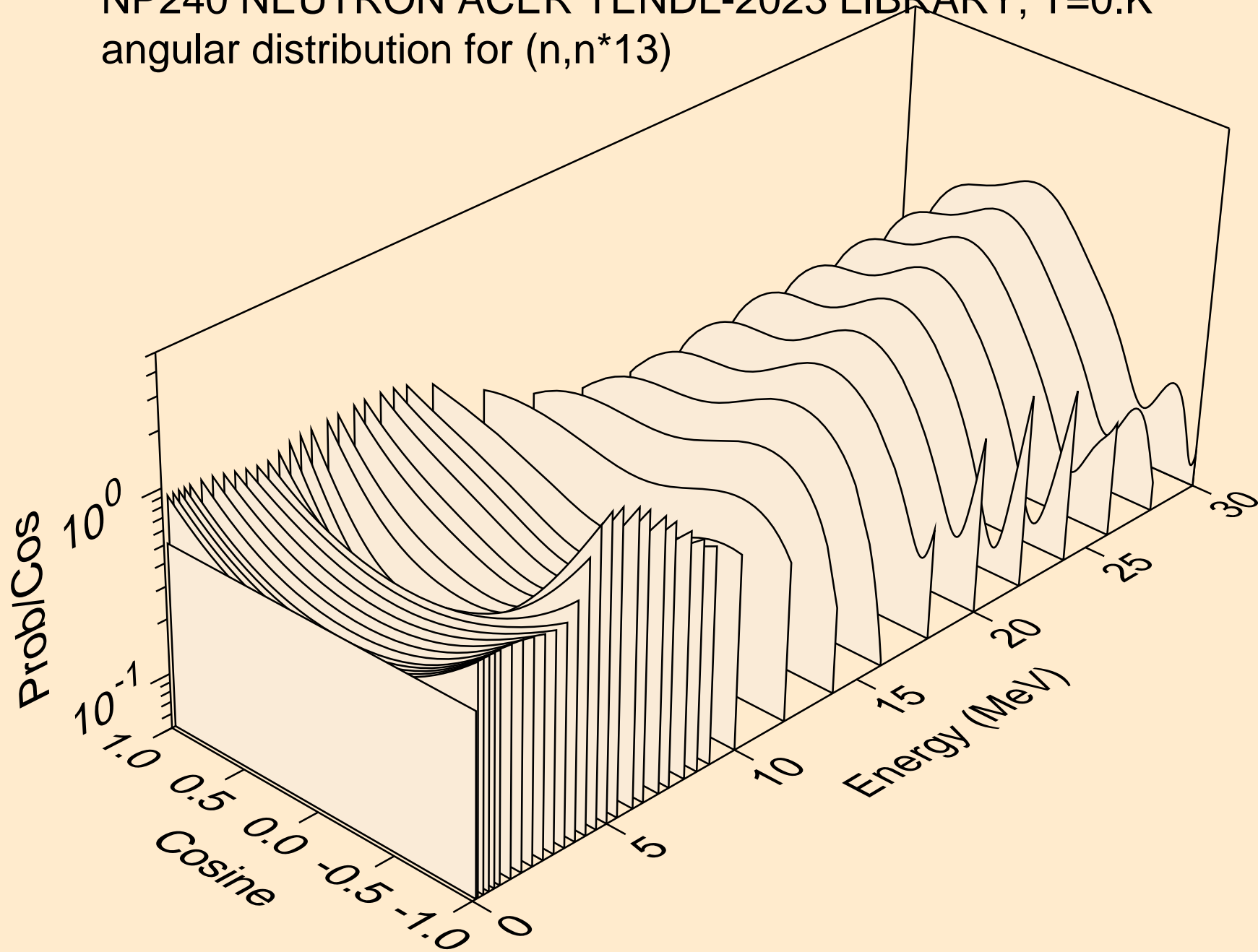
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



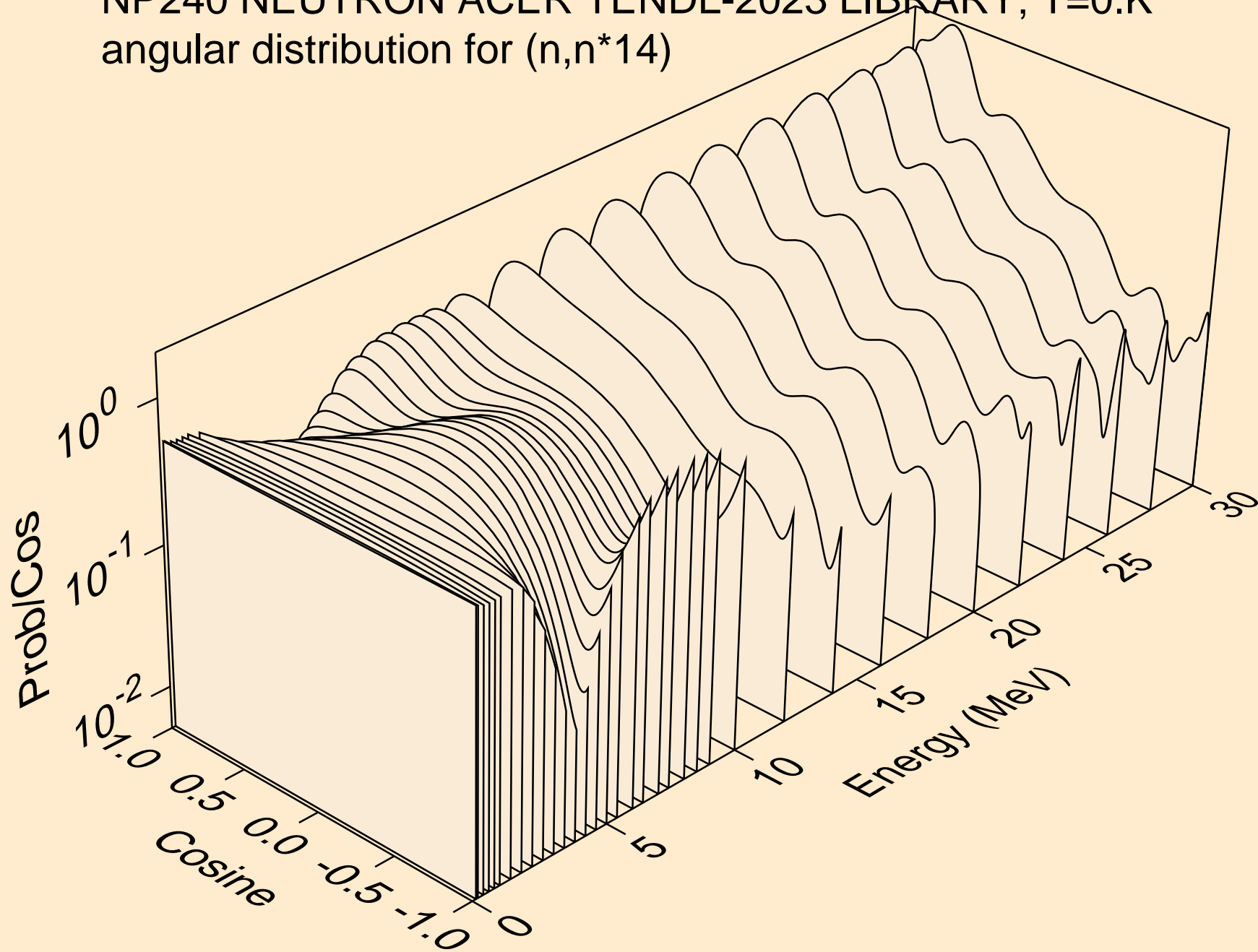
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angular distribution for (n,n\*12)



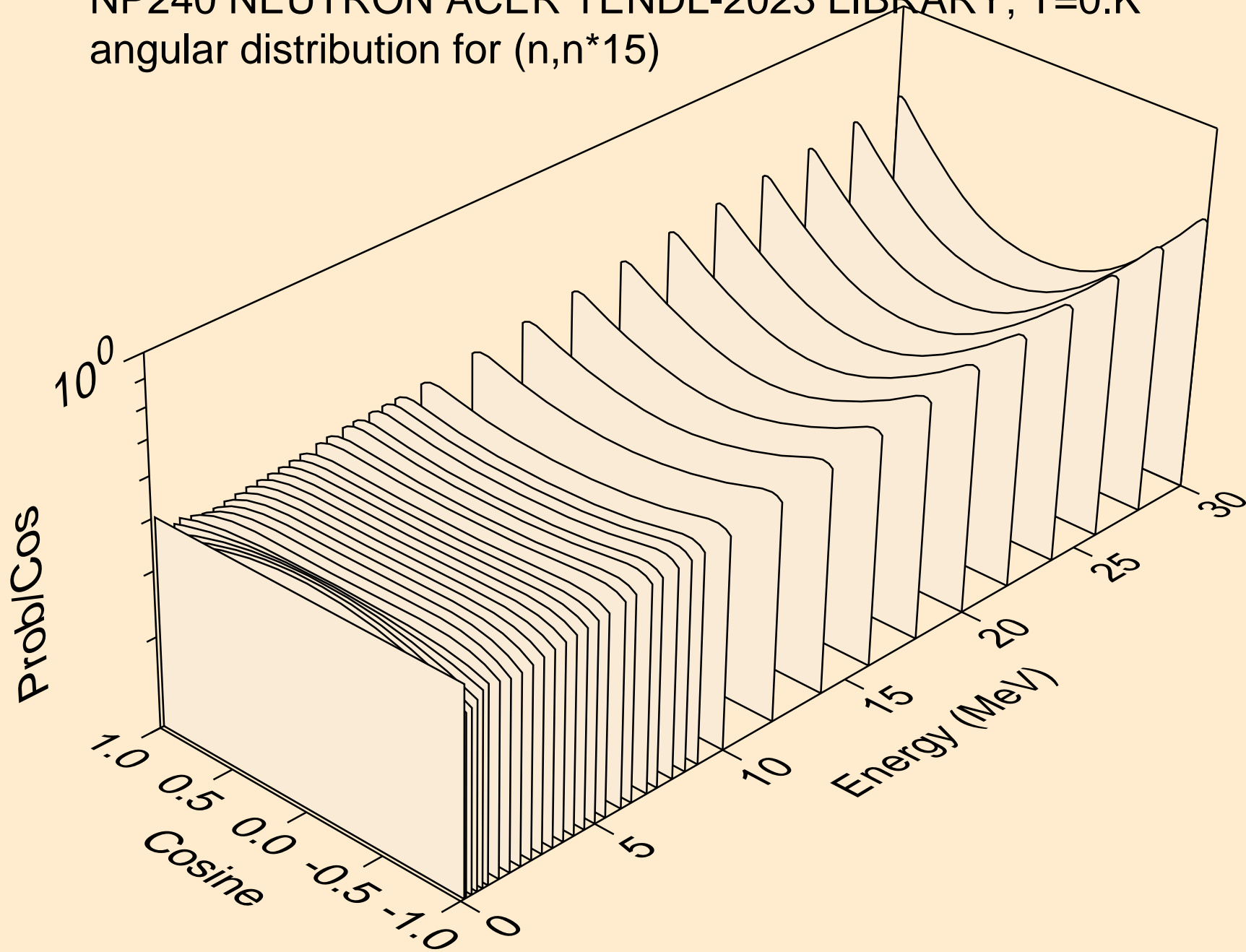
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



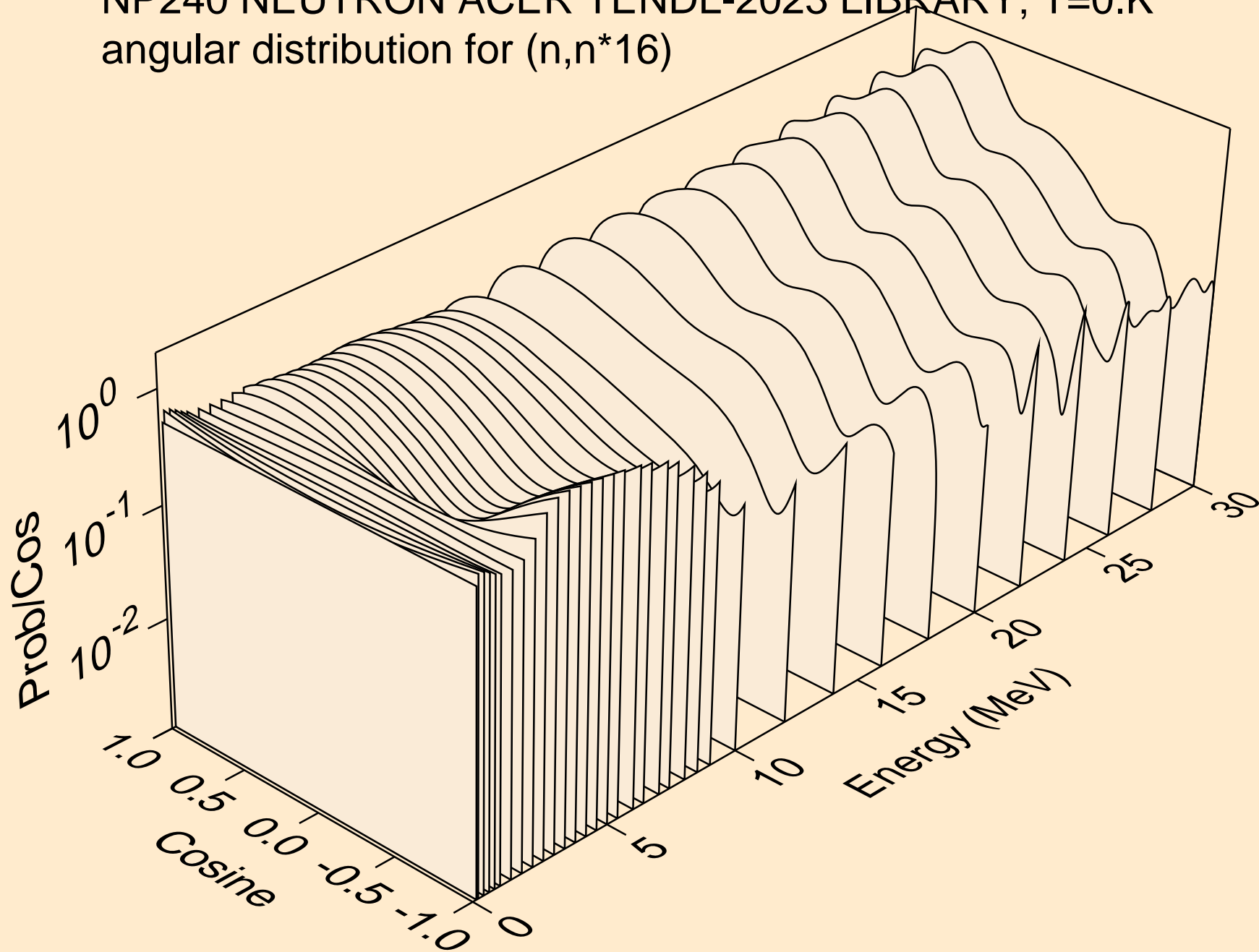
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angular distribution for (n,n\*14)



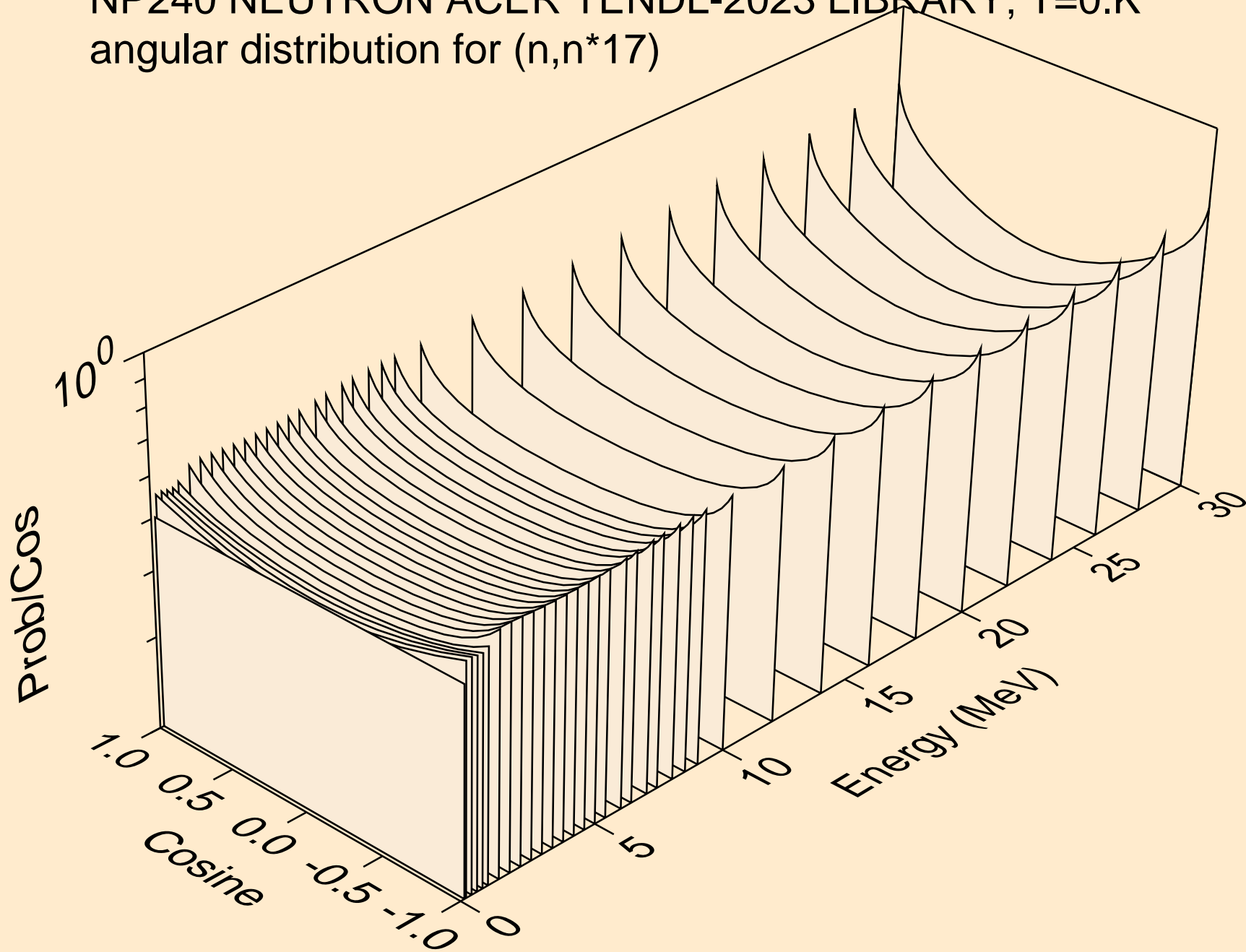
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

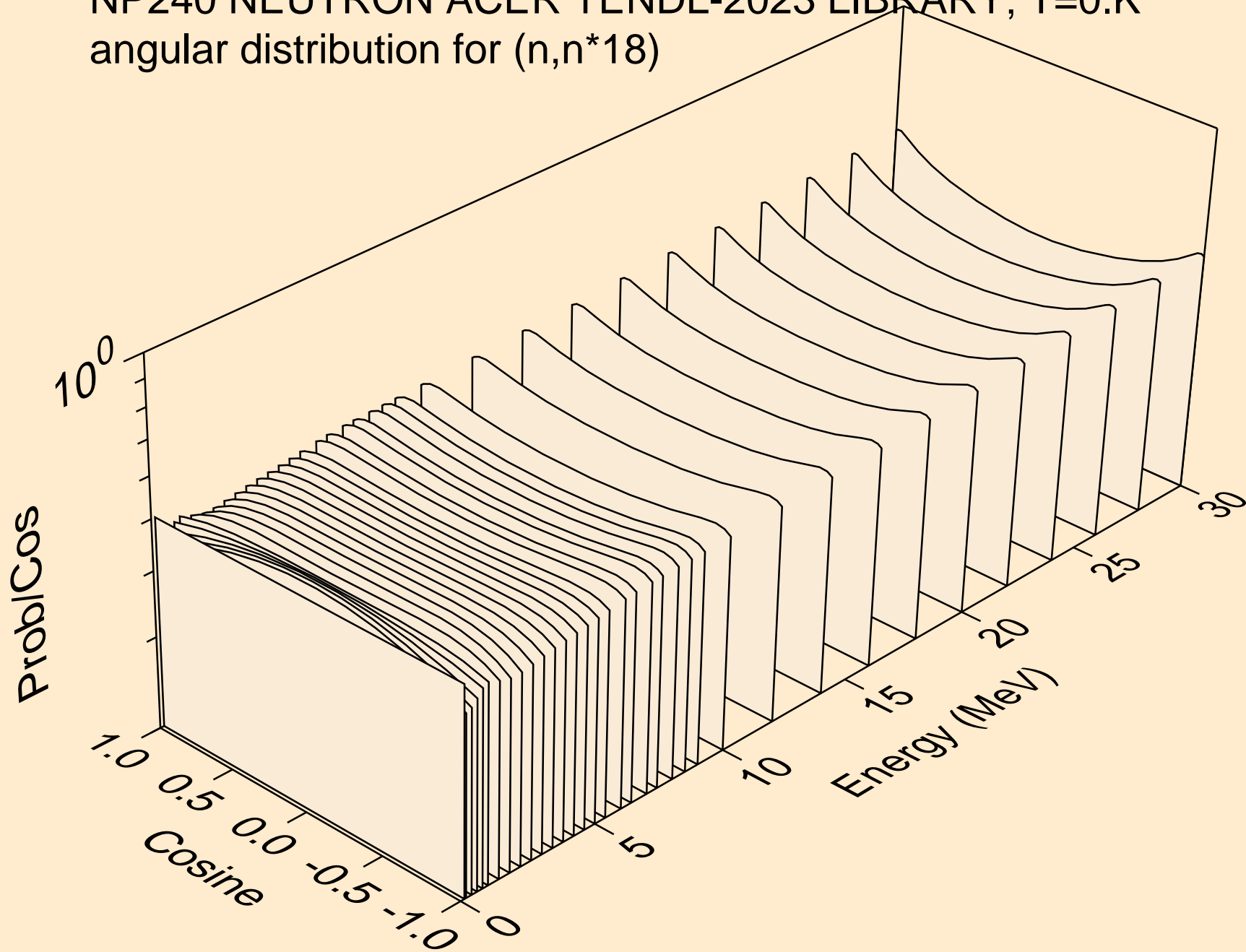


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

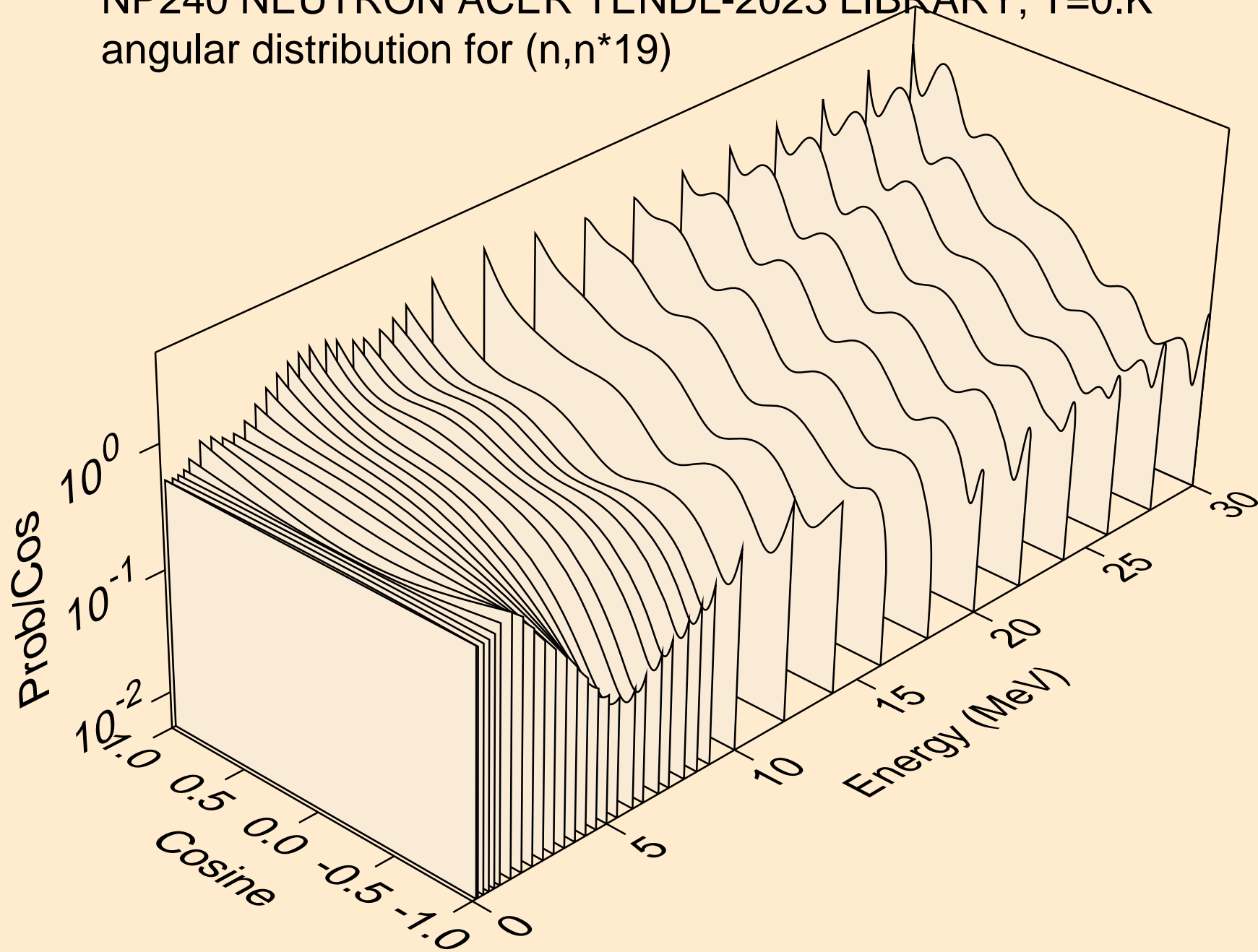




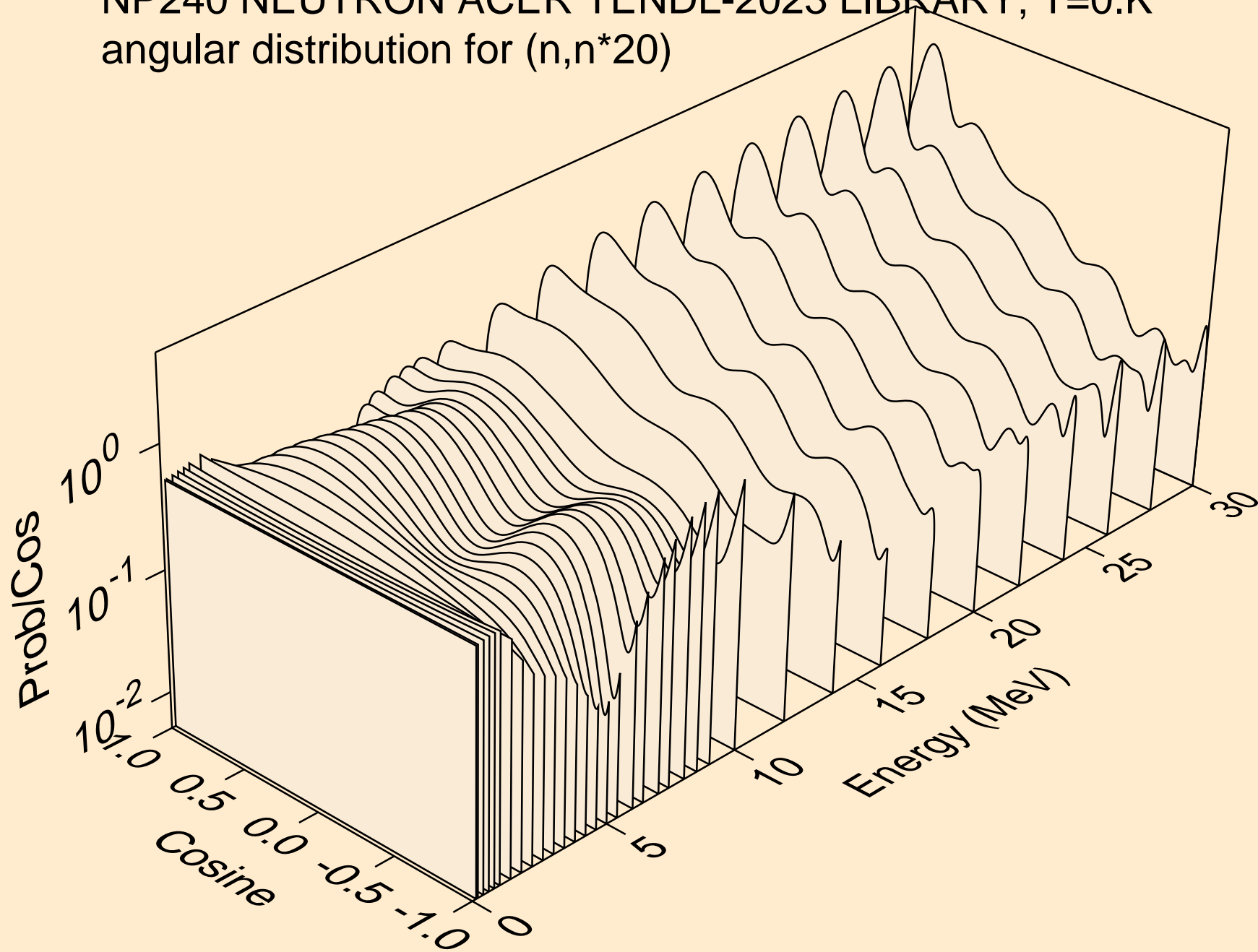
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angular distribution for (n,n\*18)



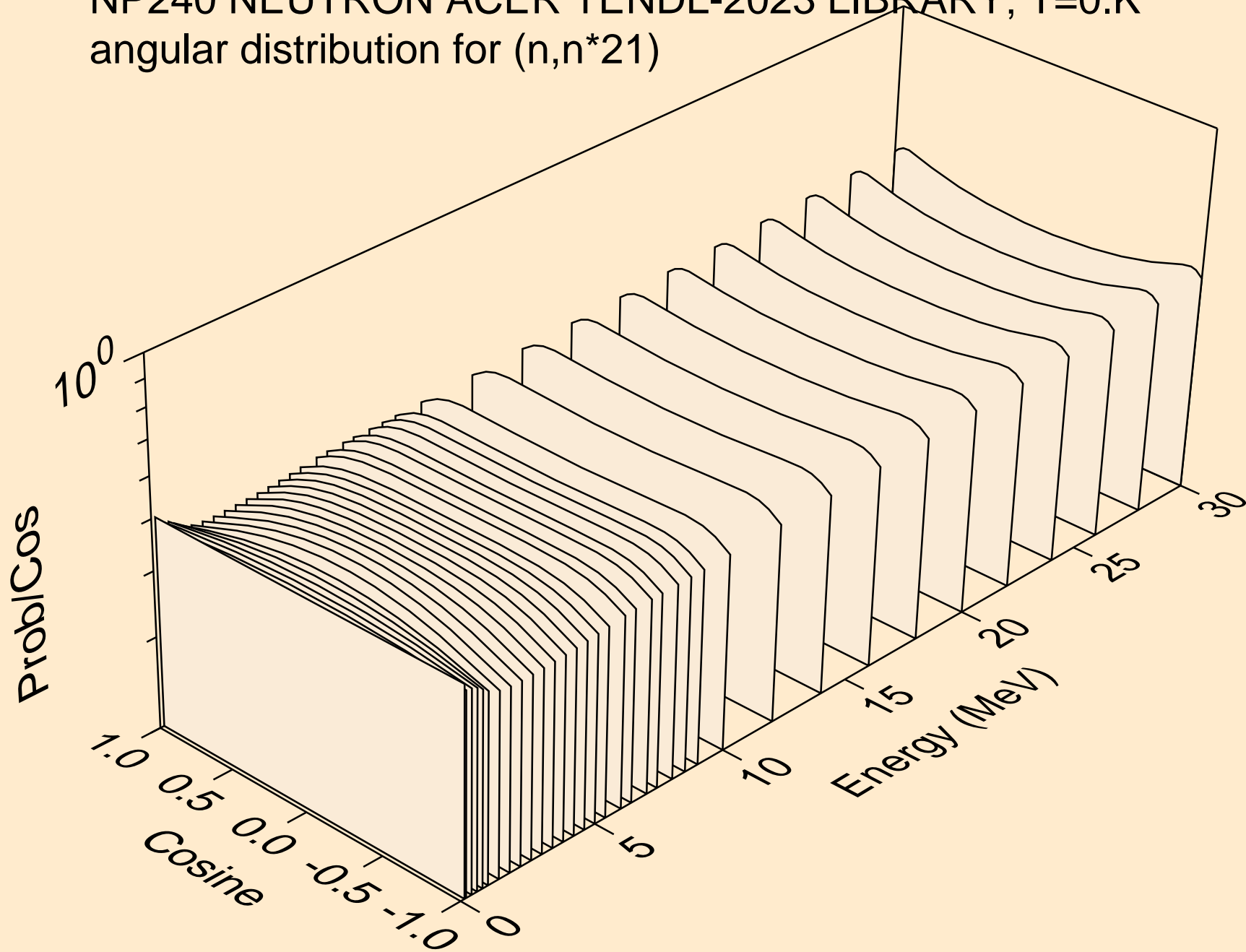
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



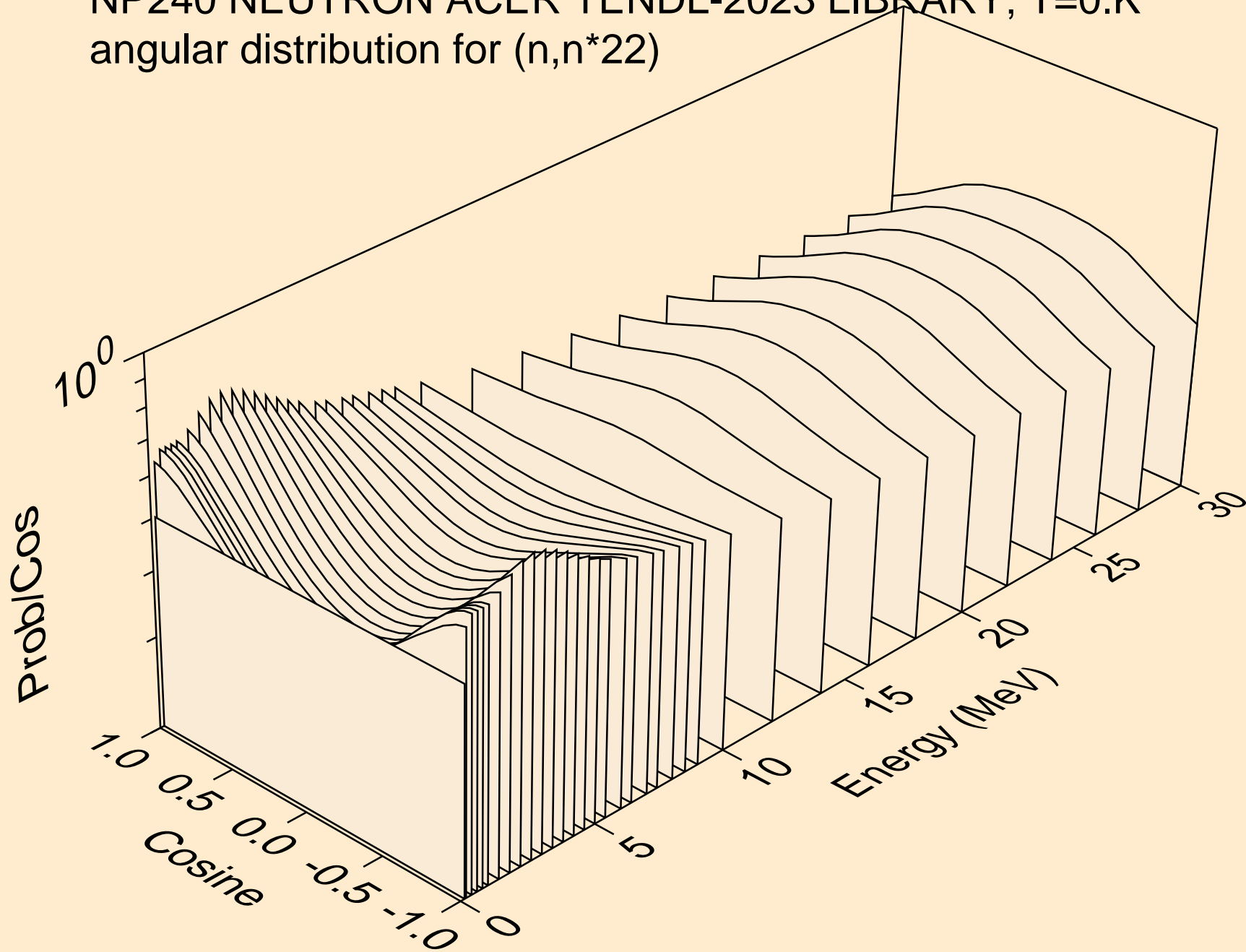
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angular distribution for (n,n\*20)



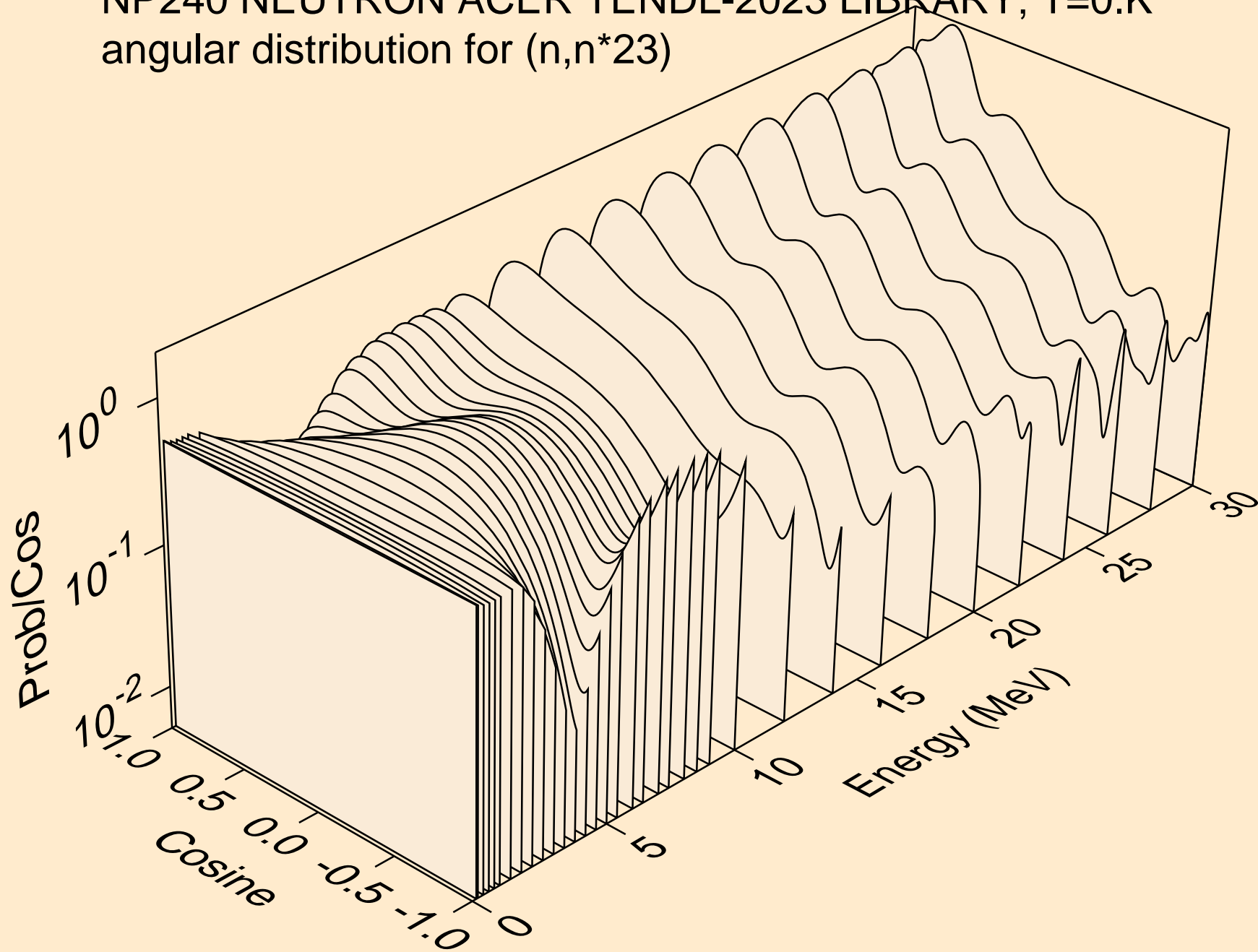
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



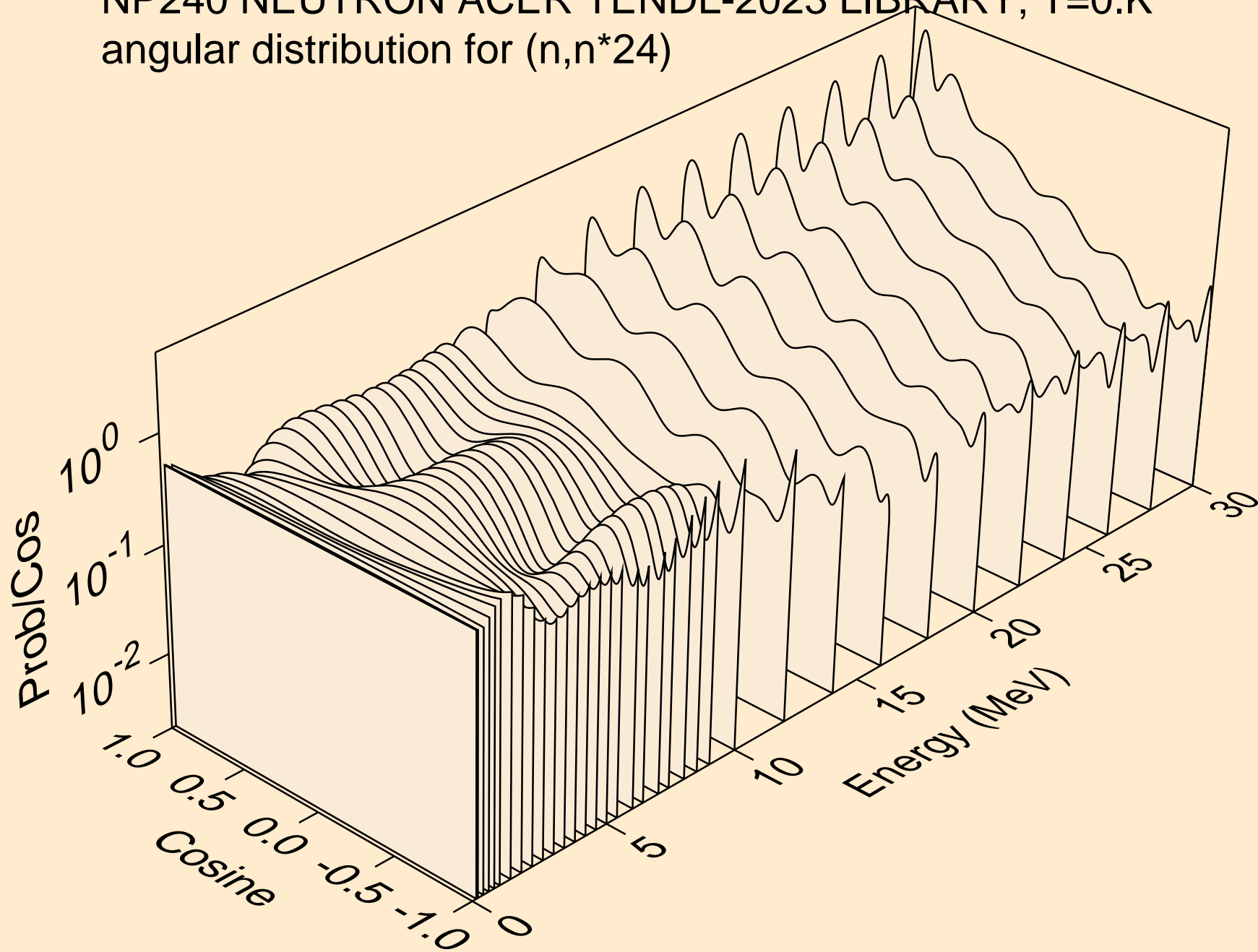
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



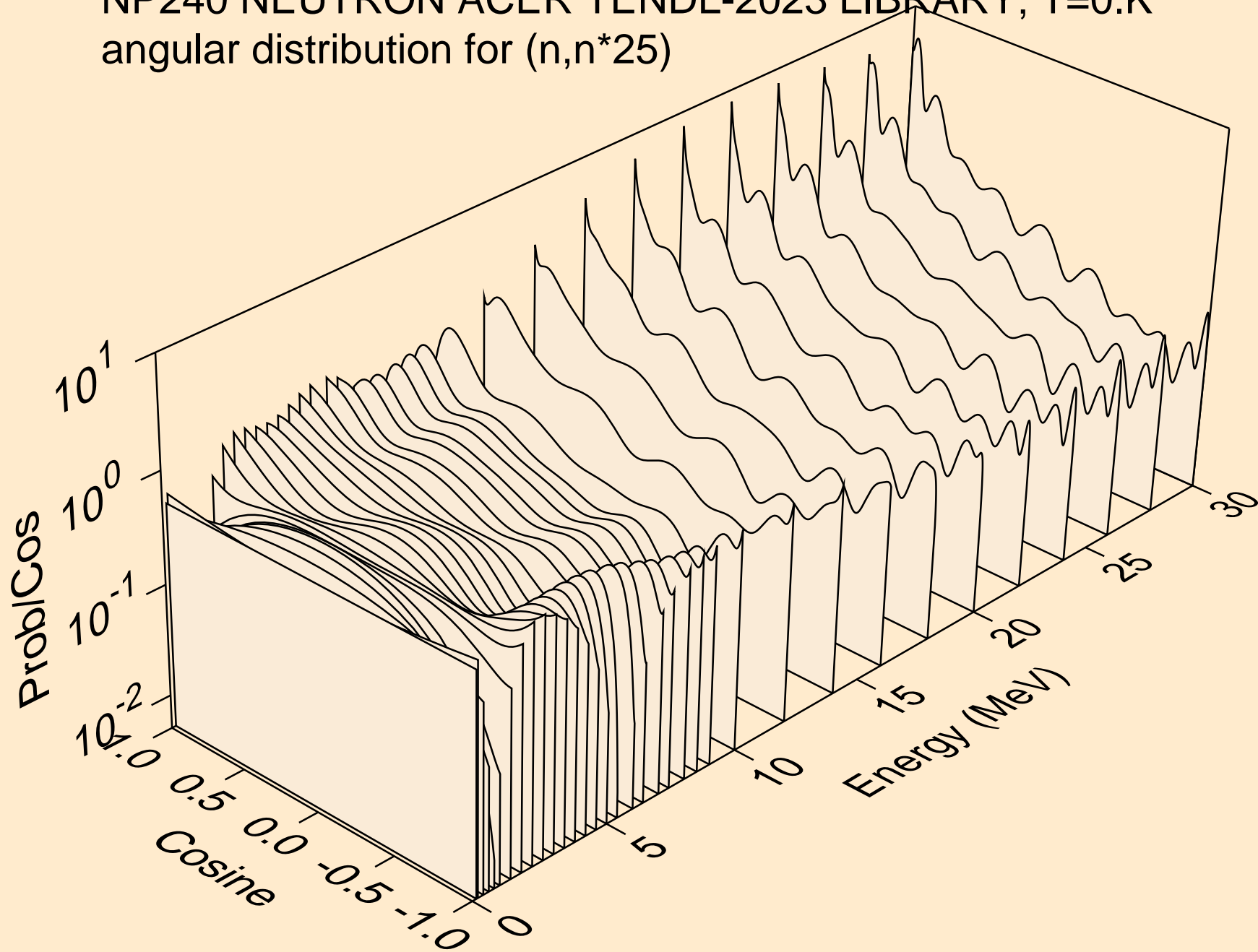
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

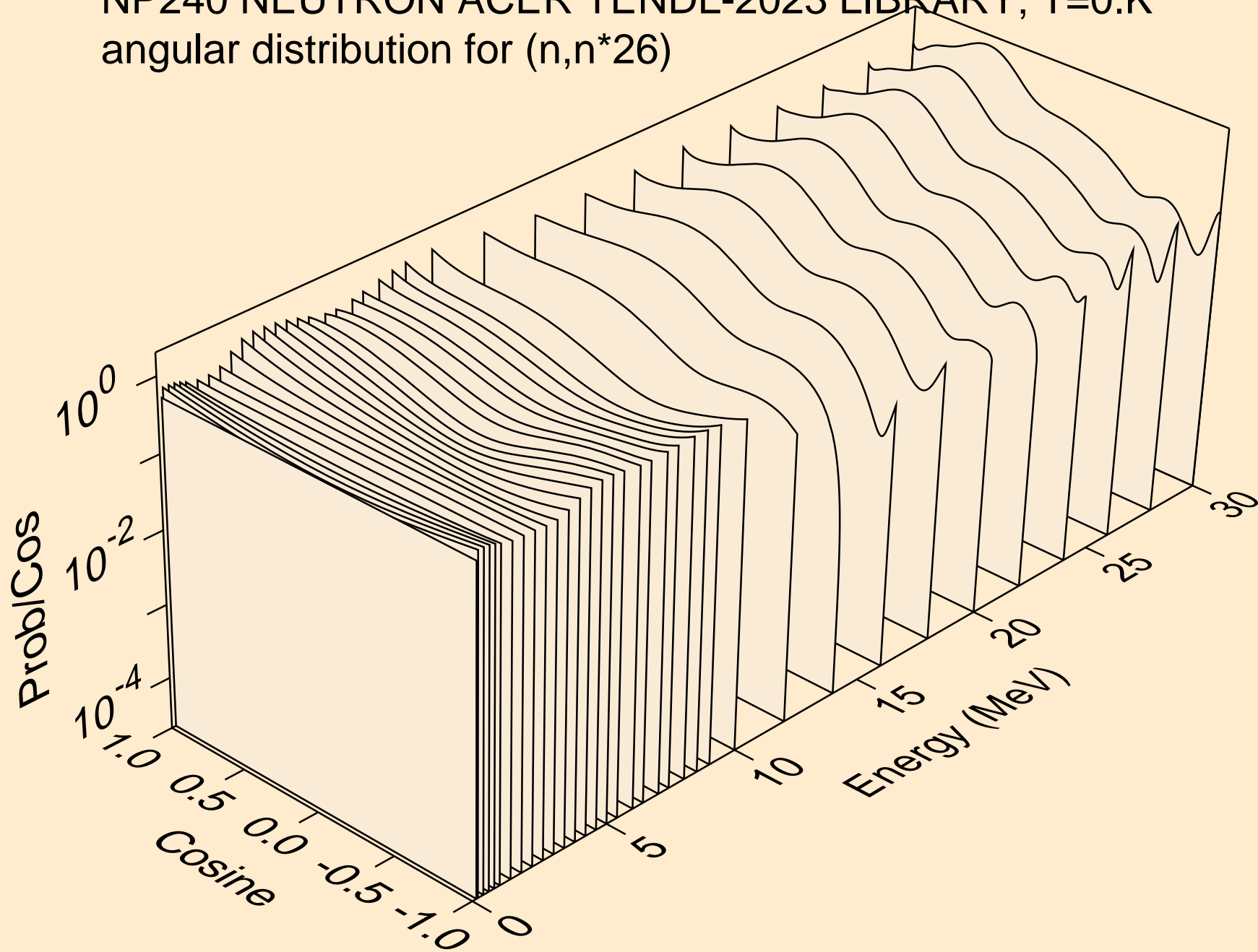


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

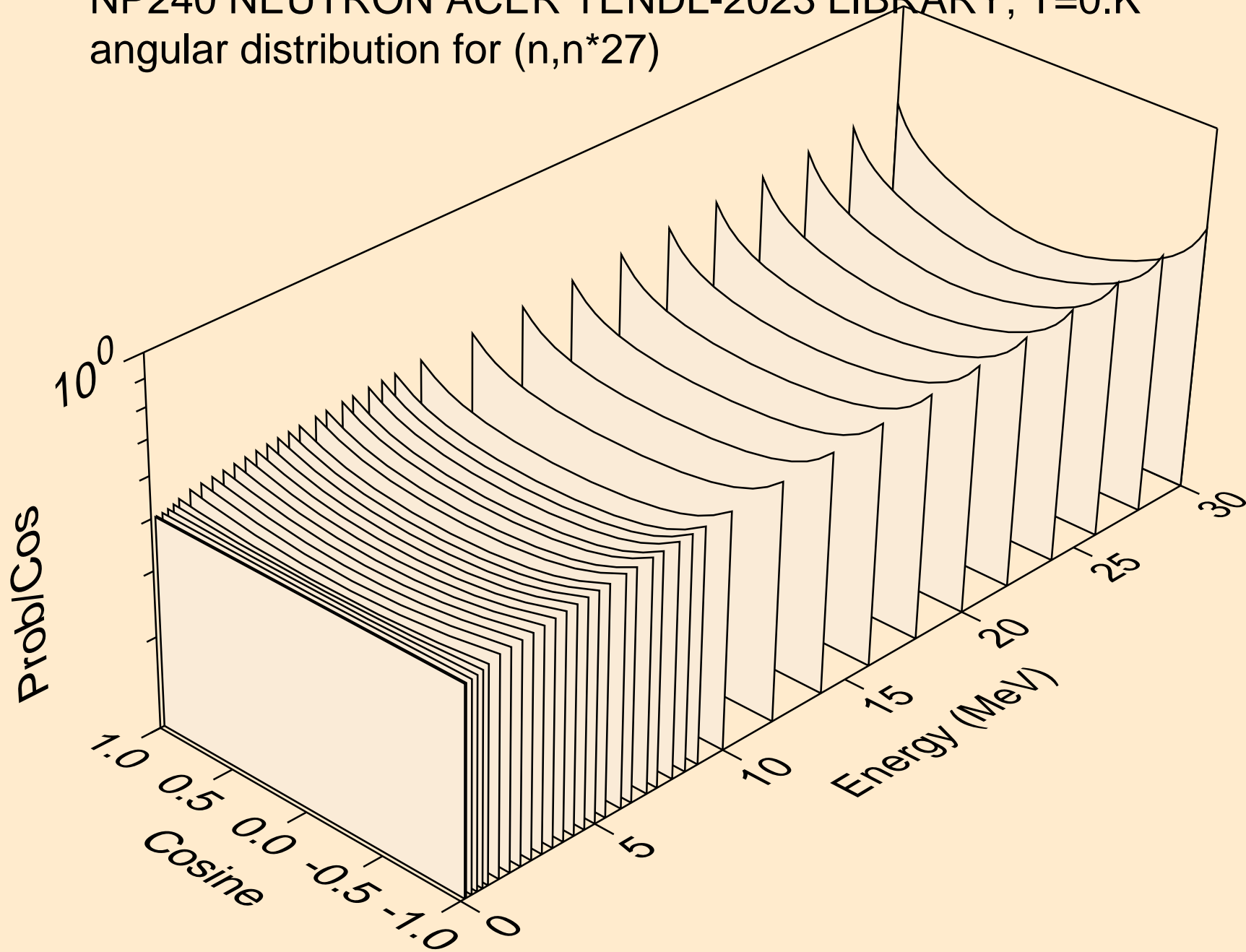




NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

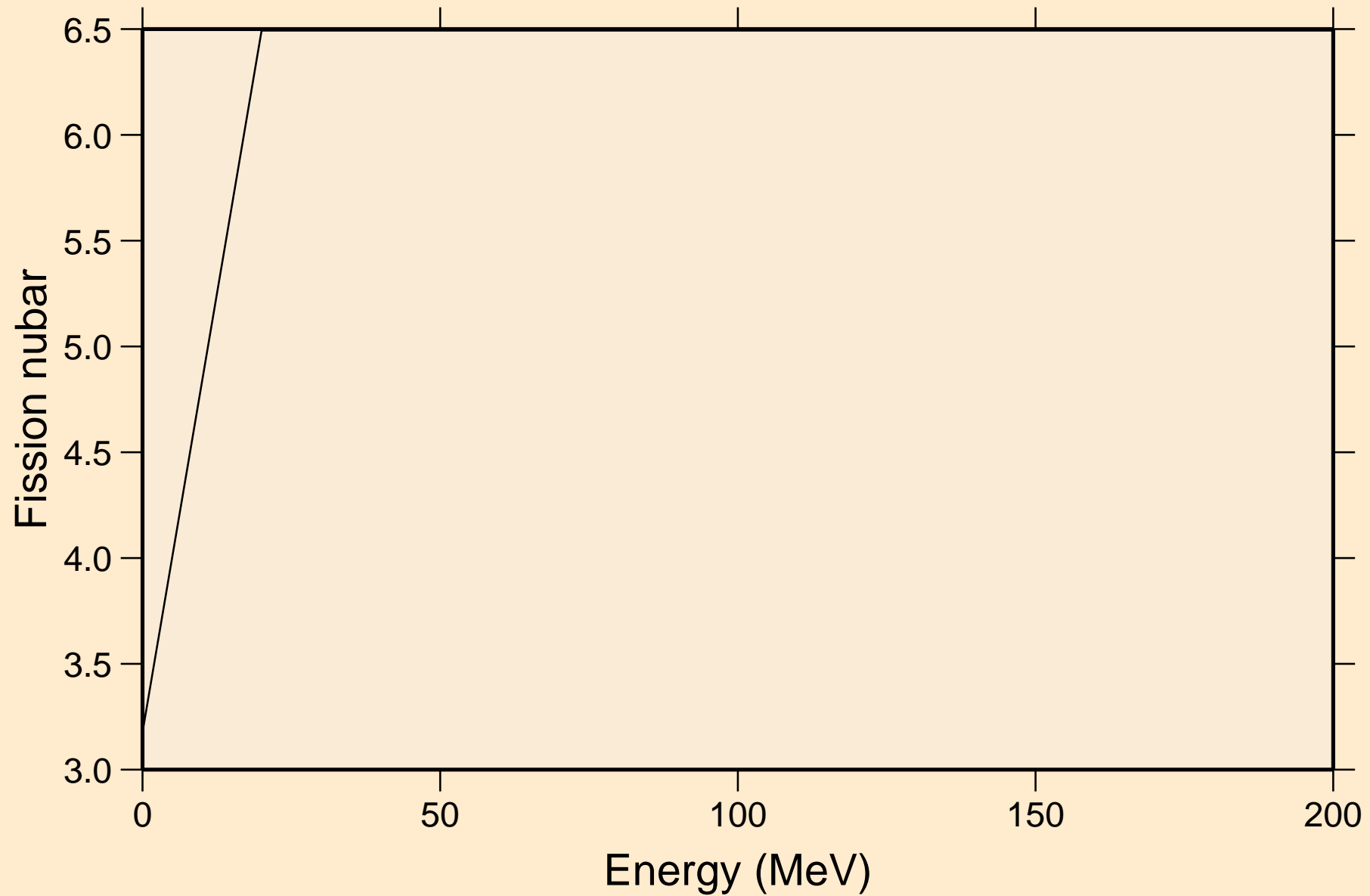


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

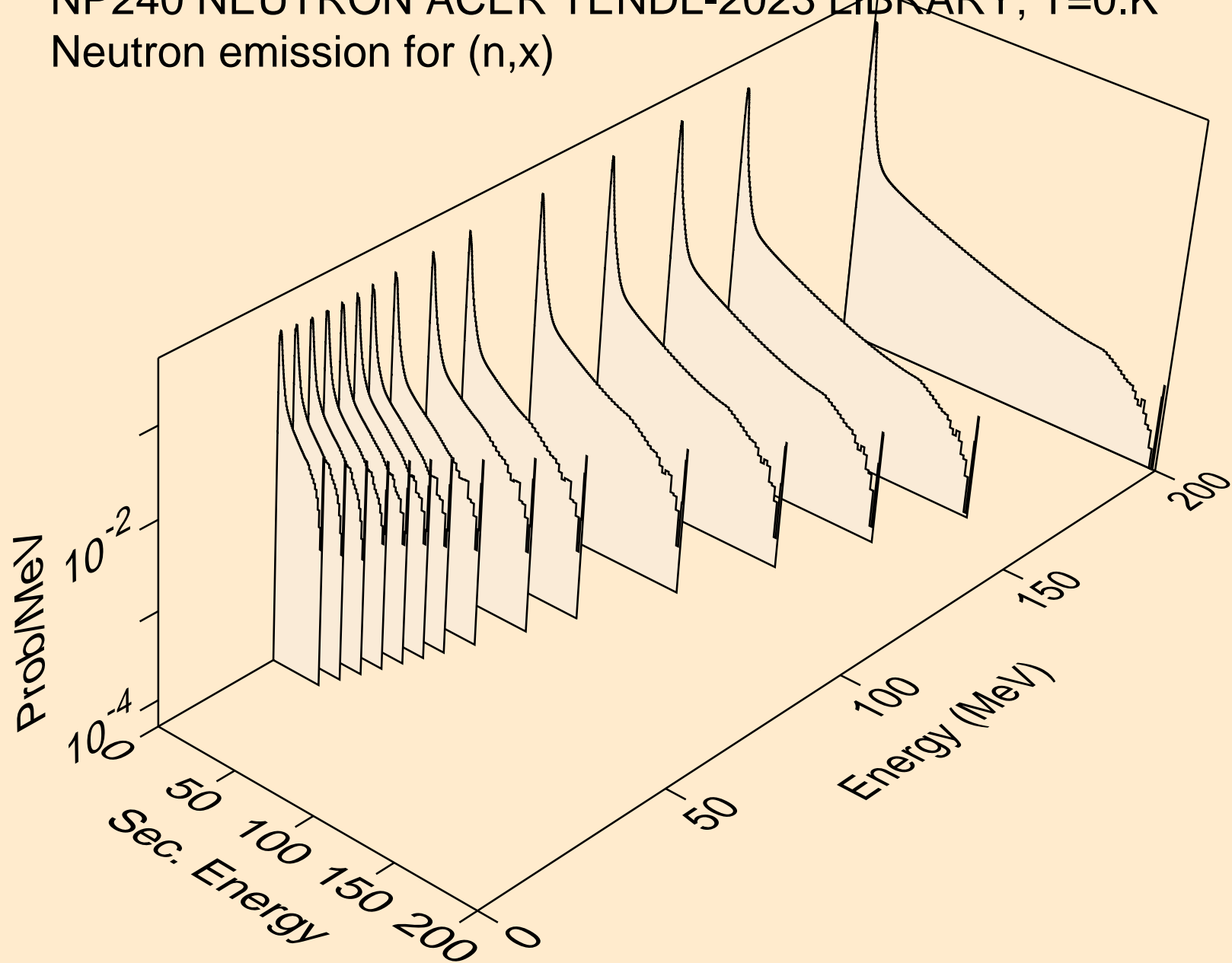


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

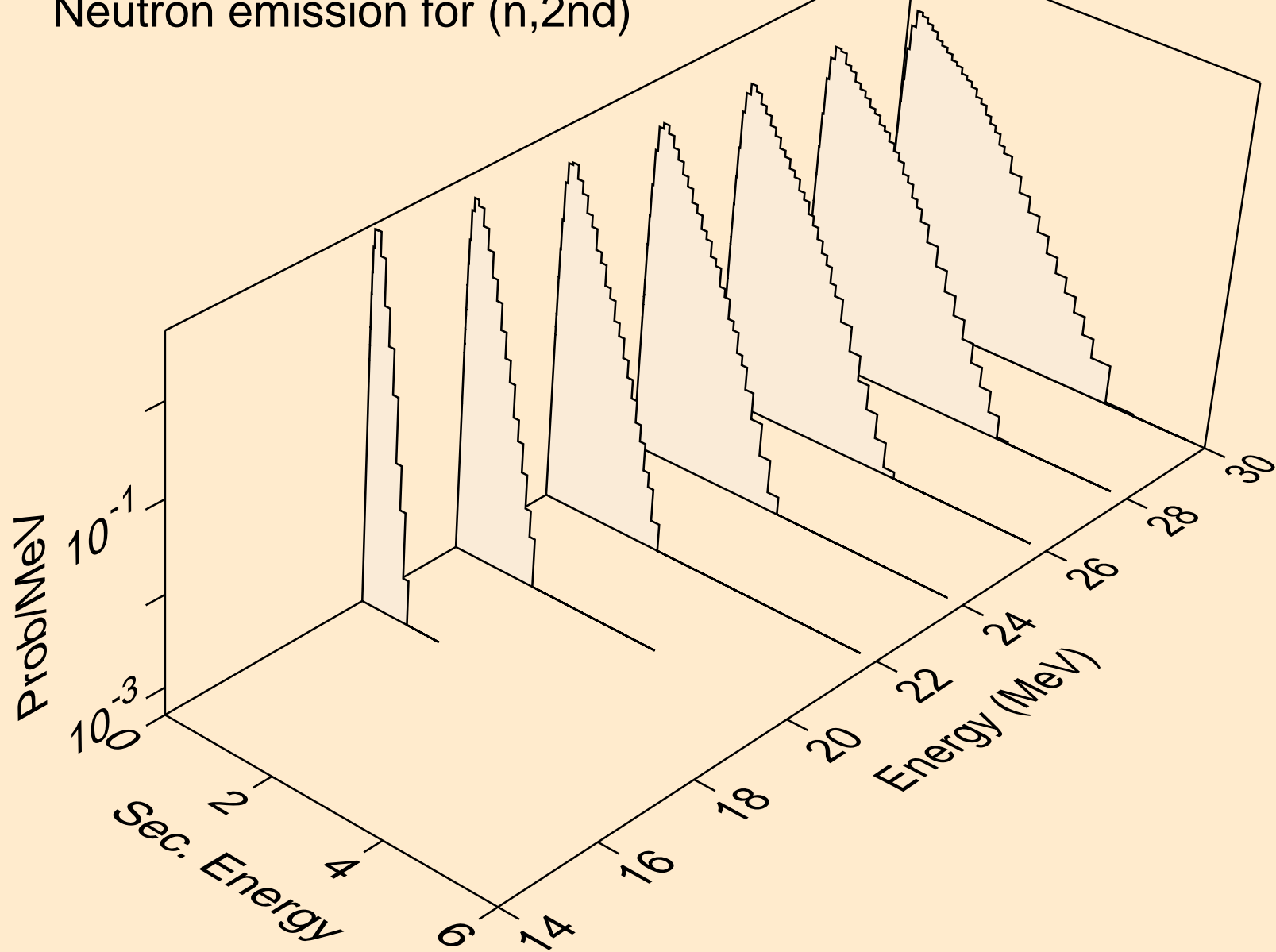
Total fission nubar



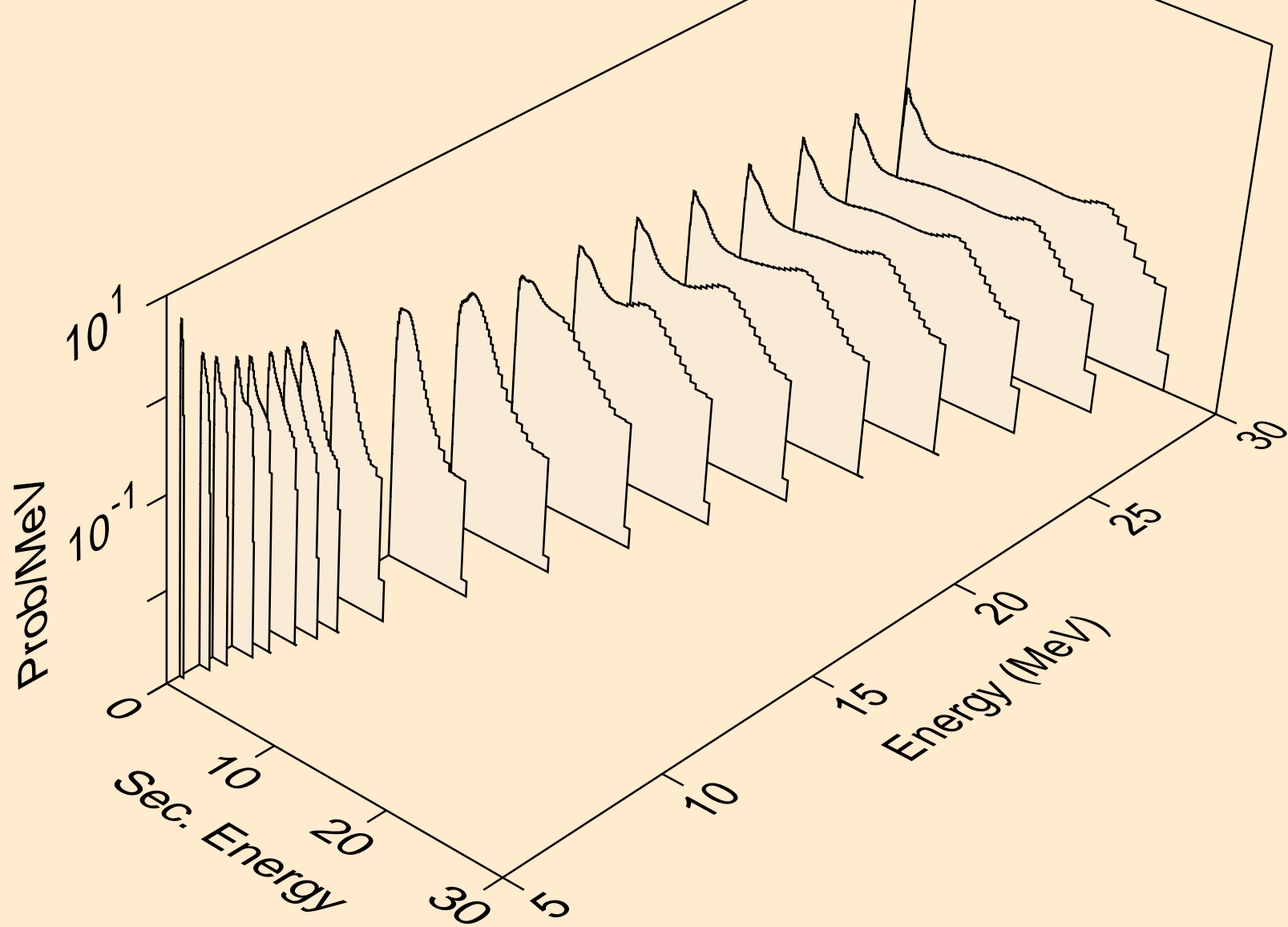
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



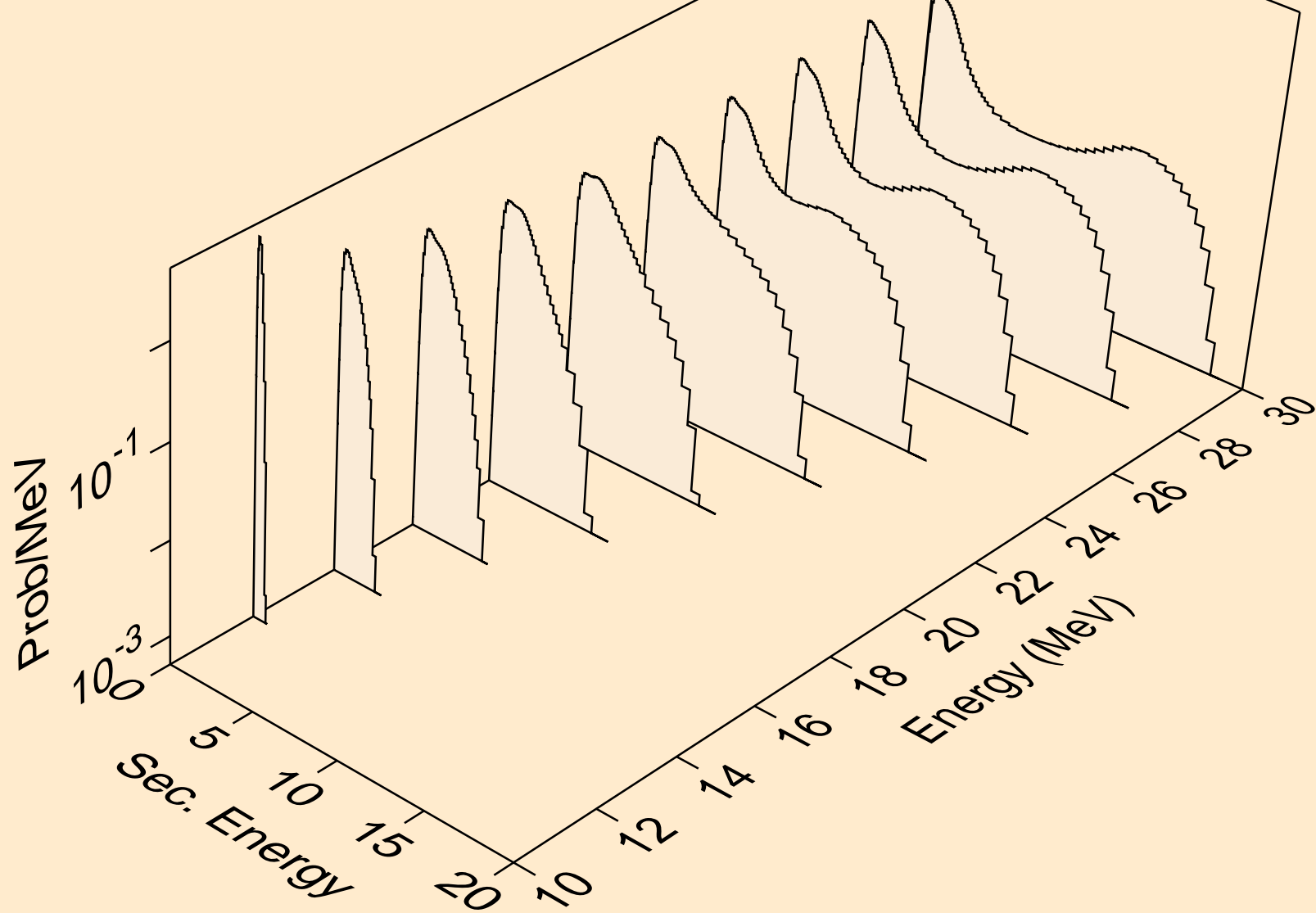
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



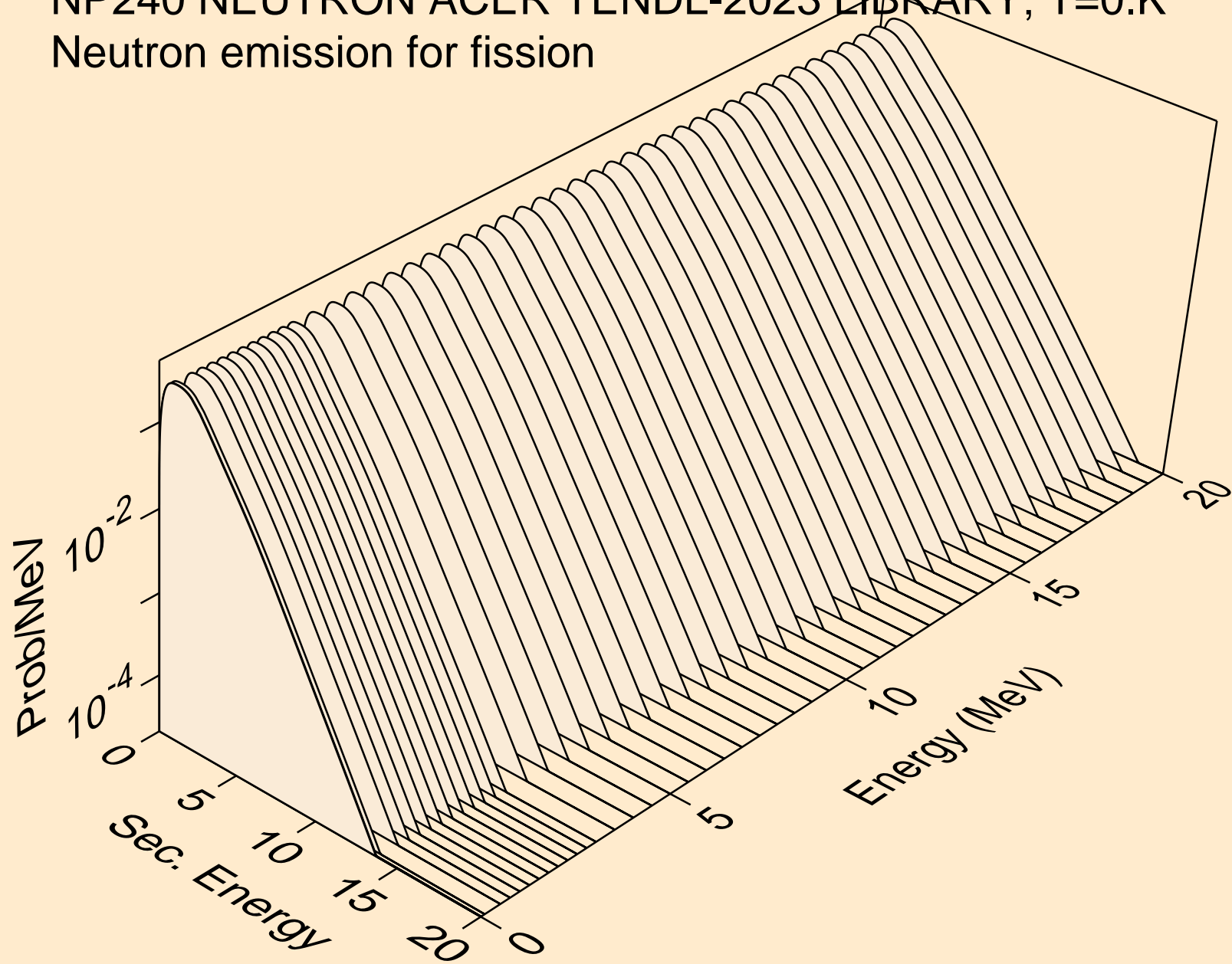
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

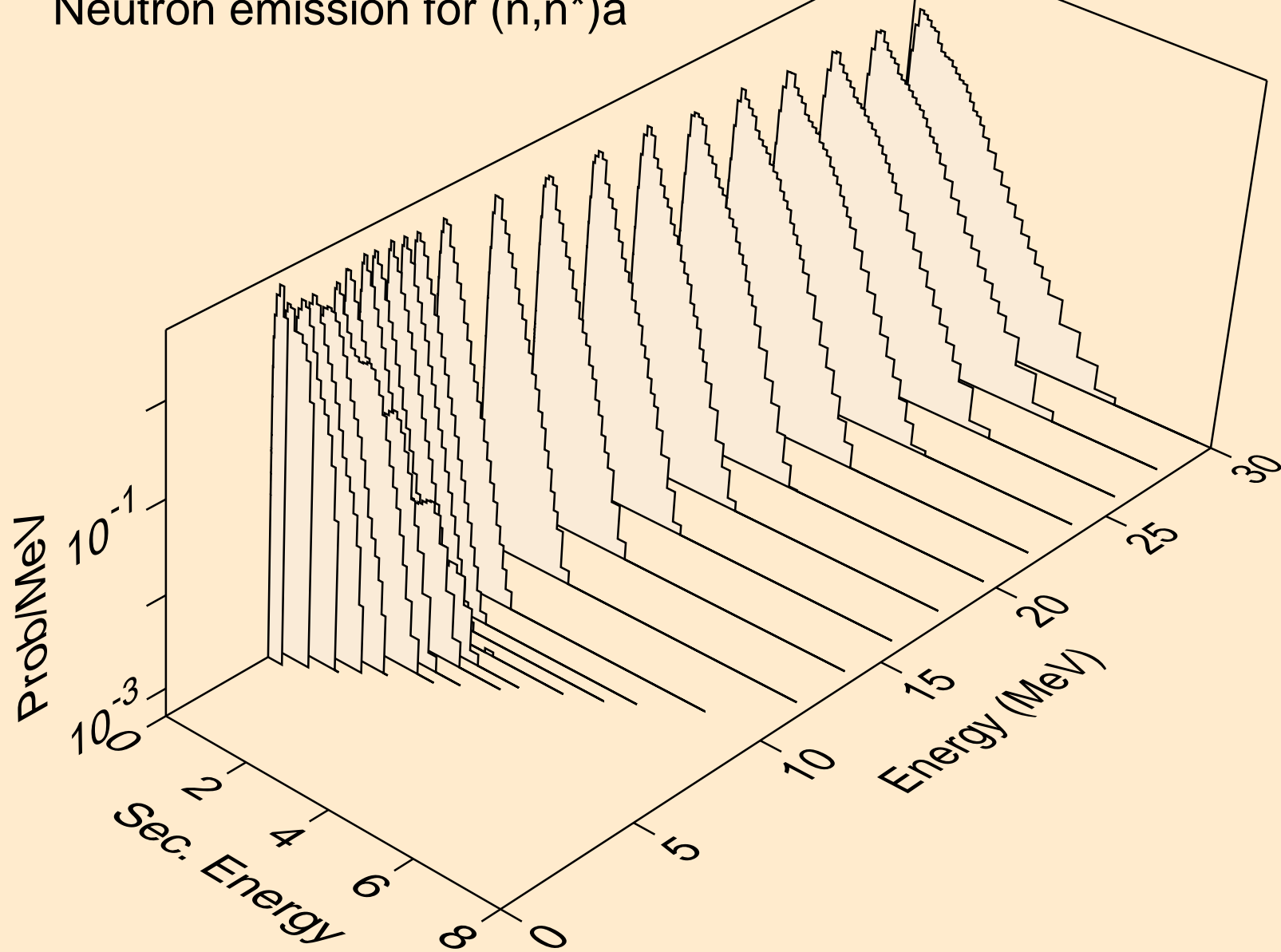


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission

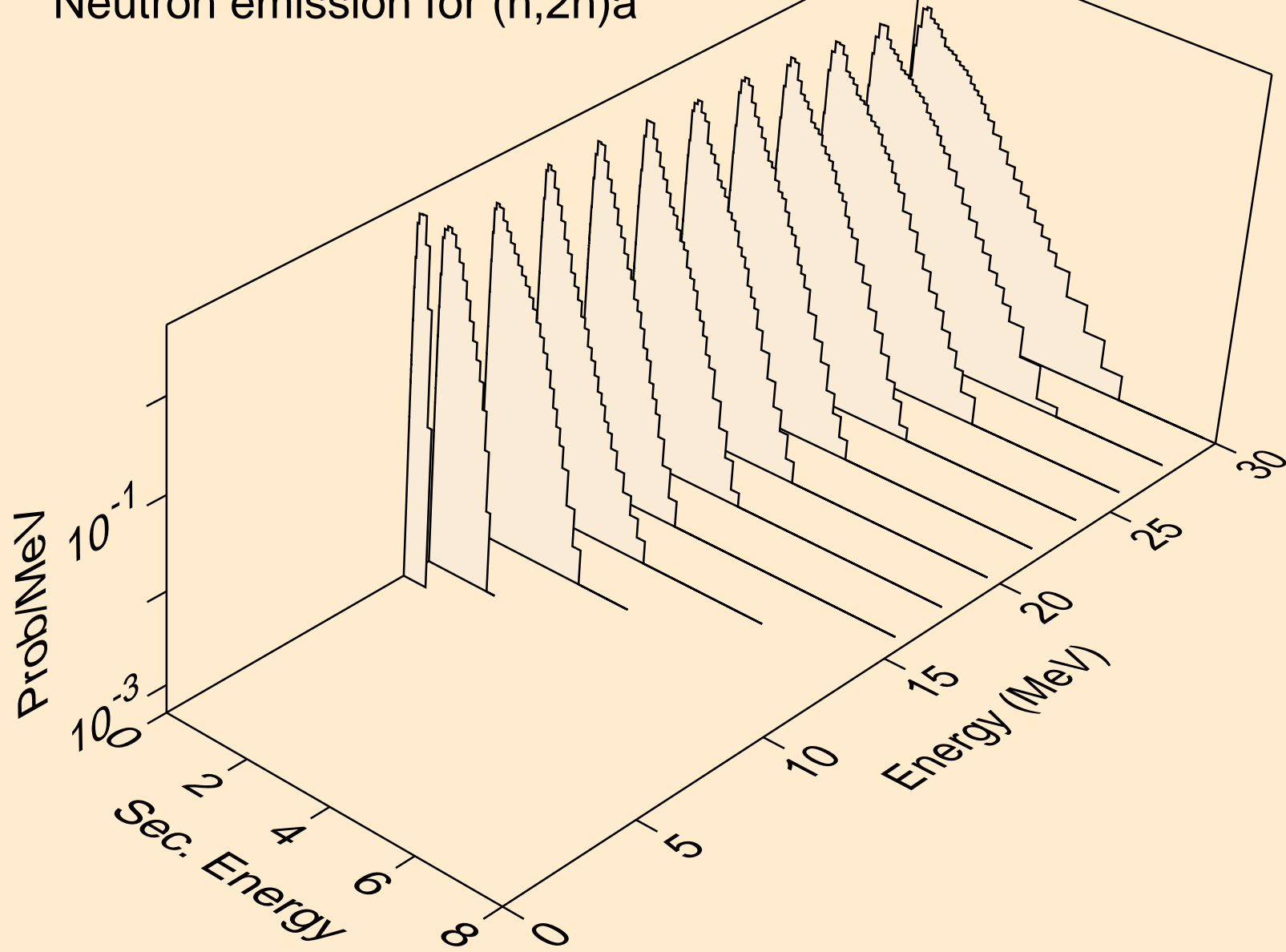




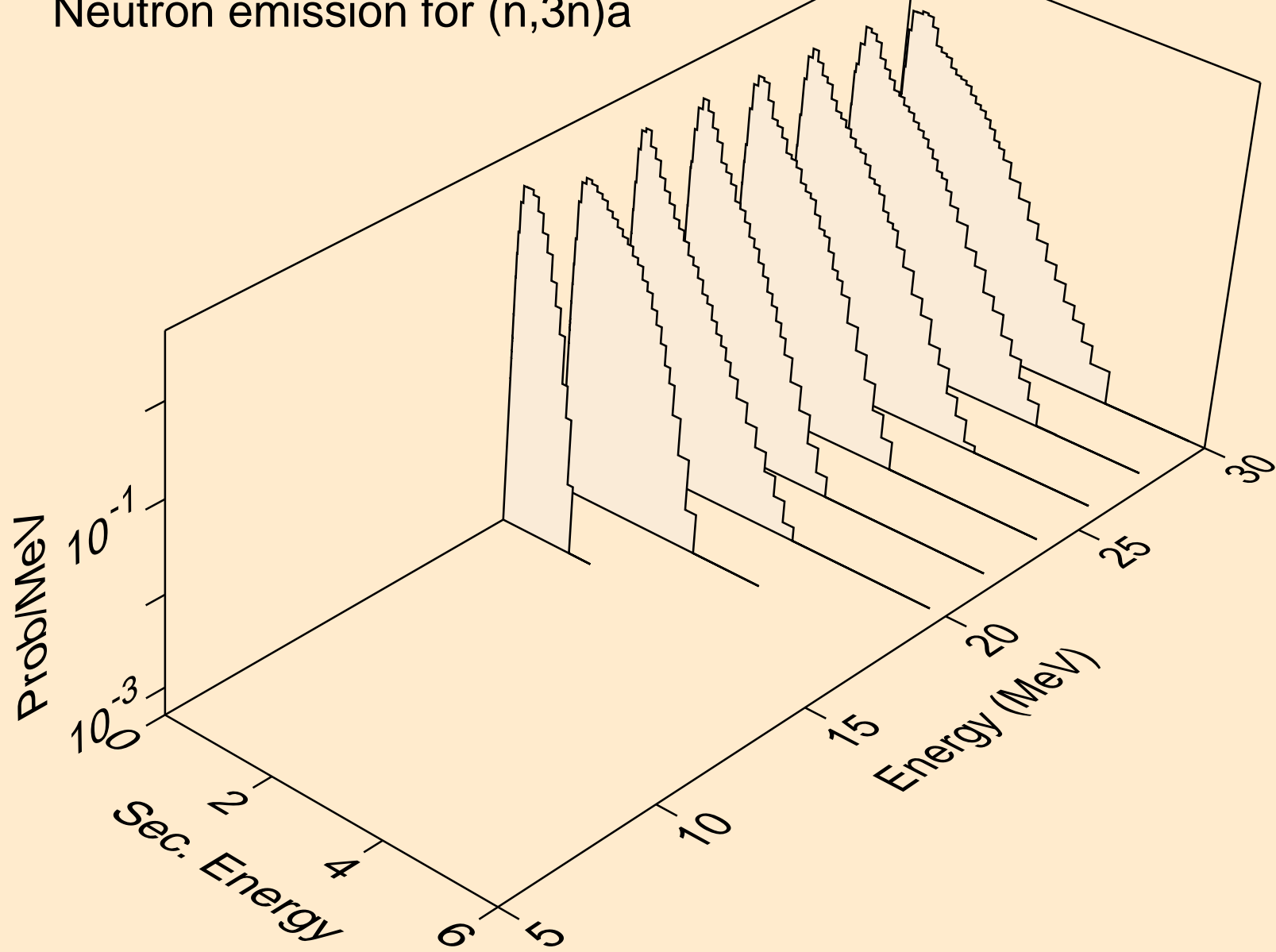
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



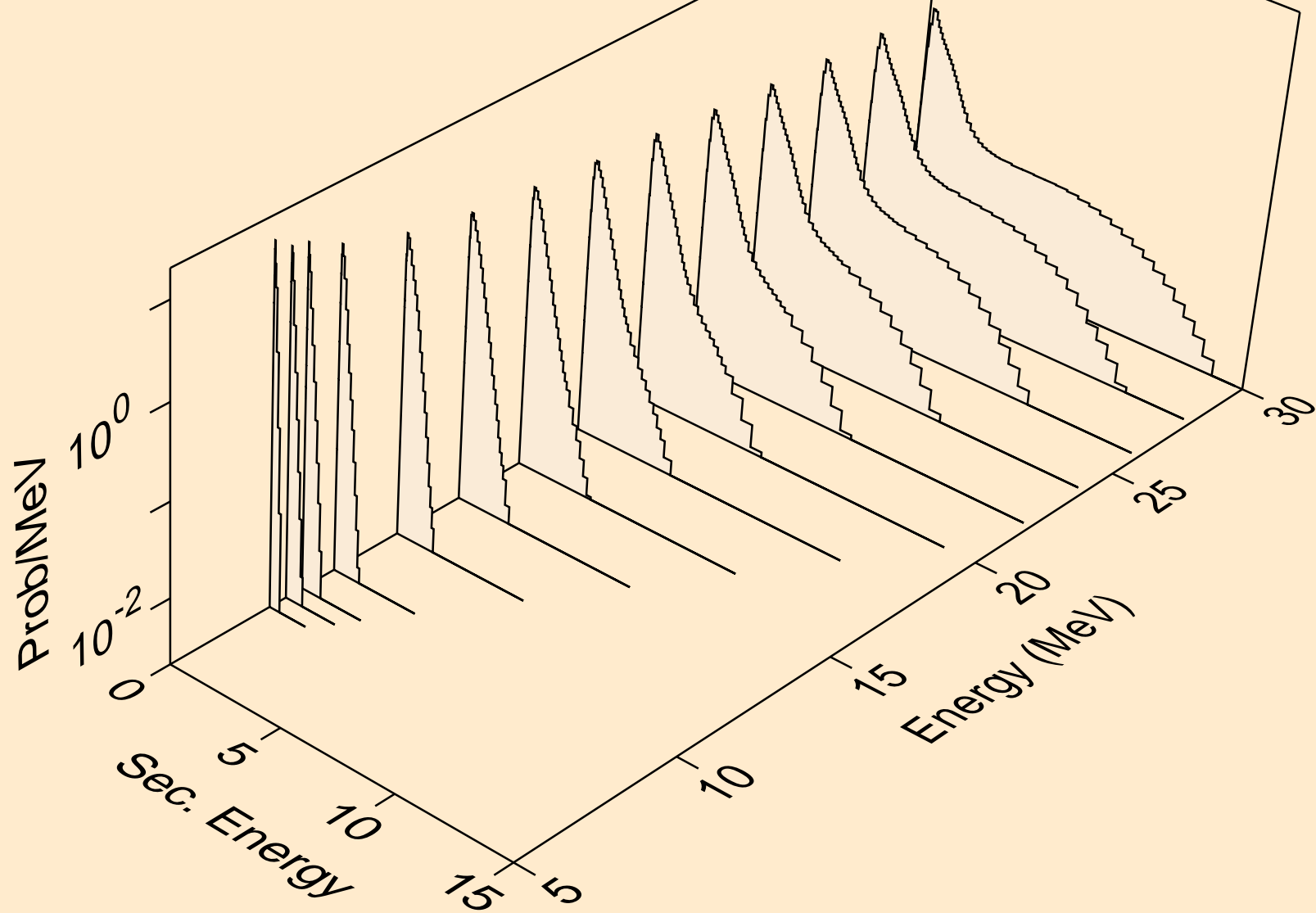
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



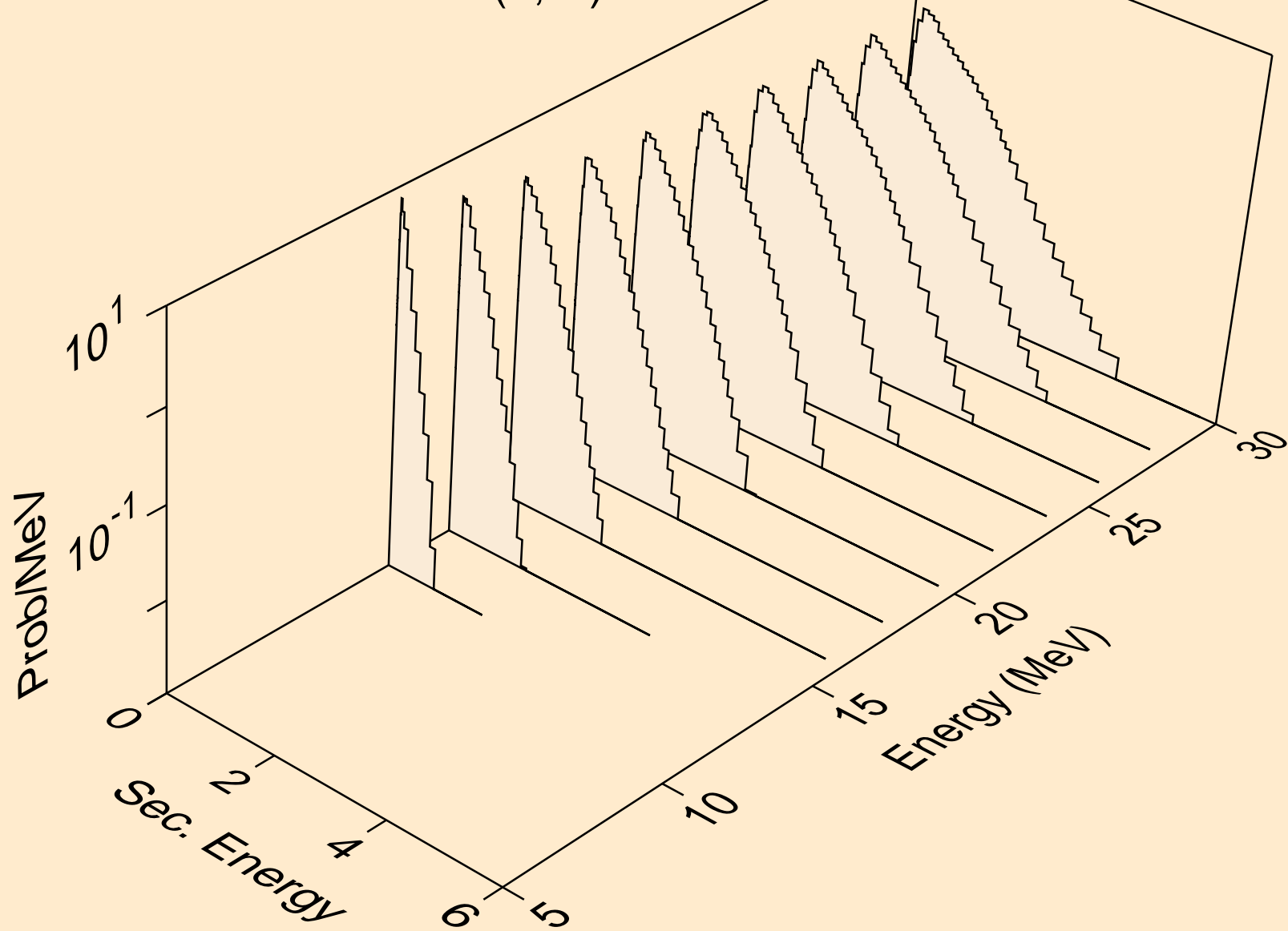
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



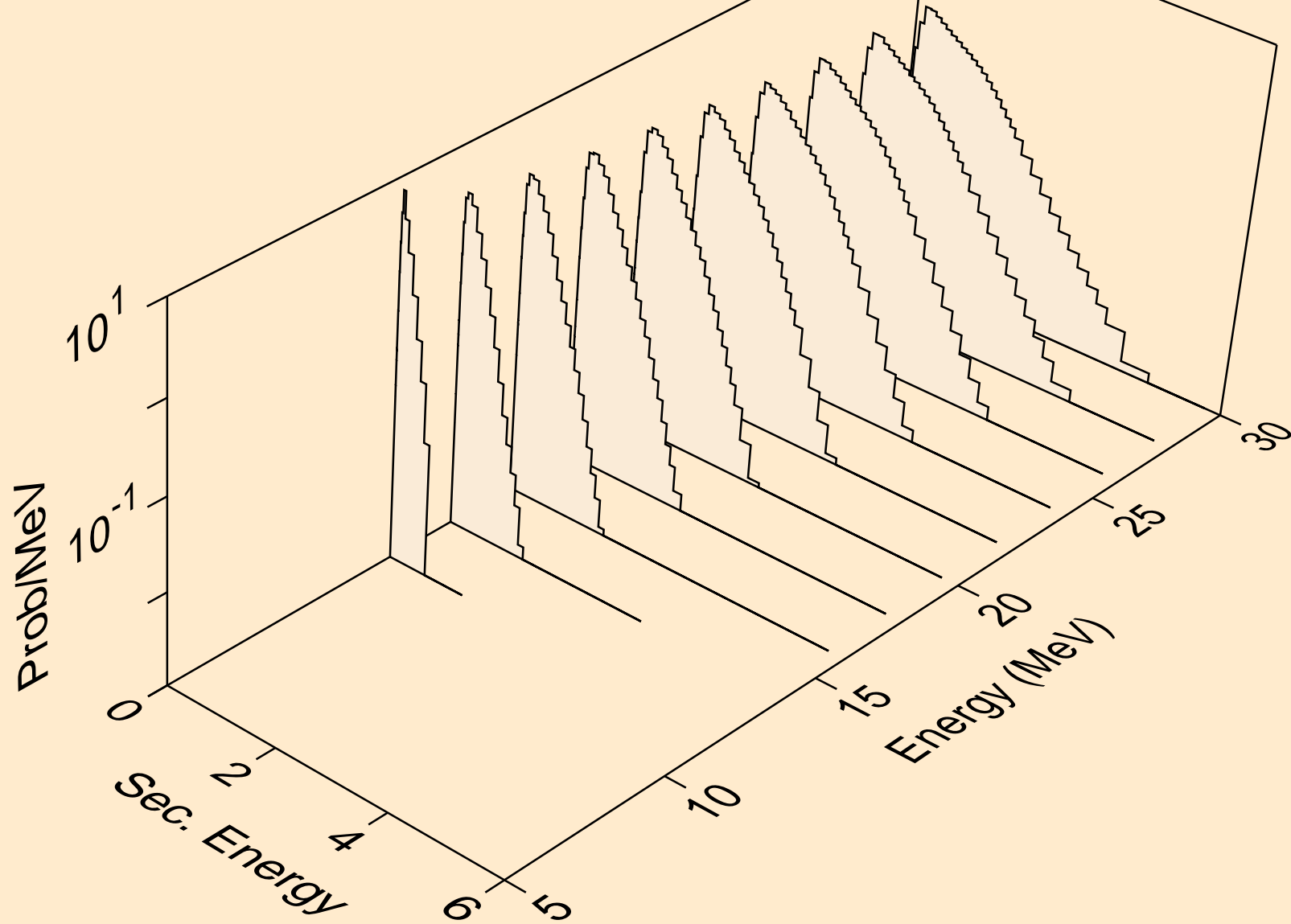
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



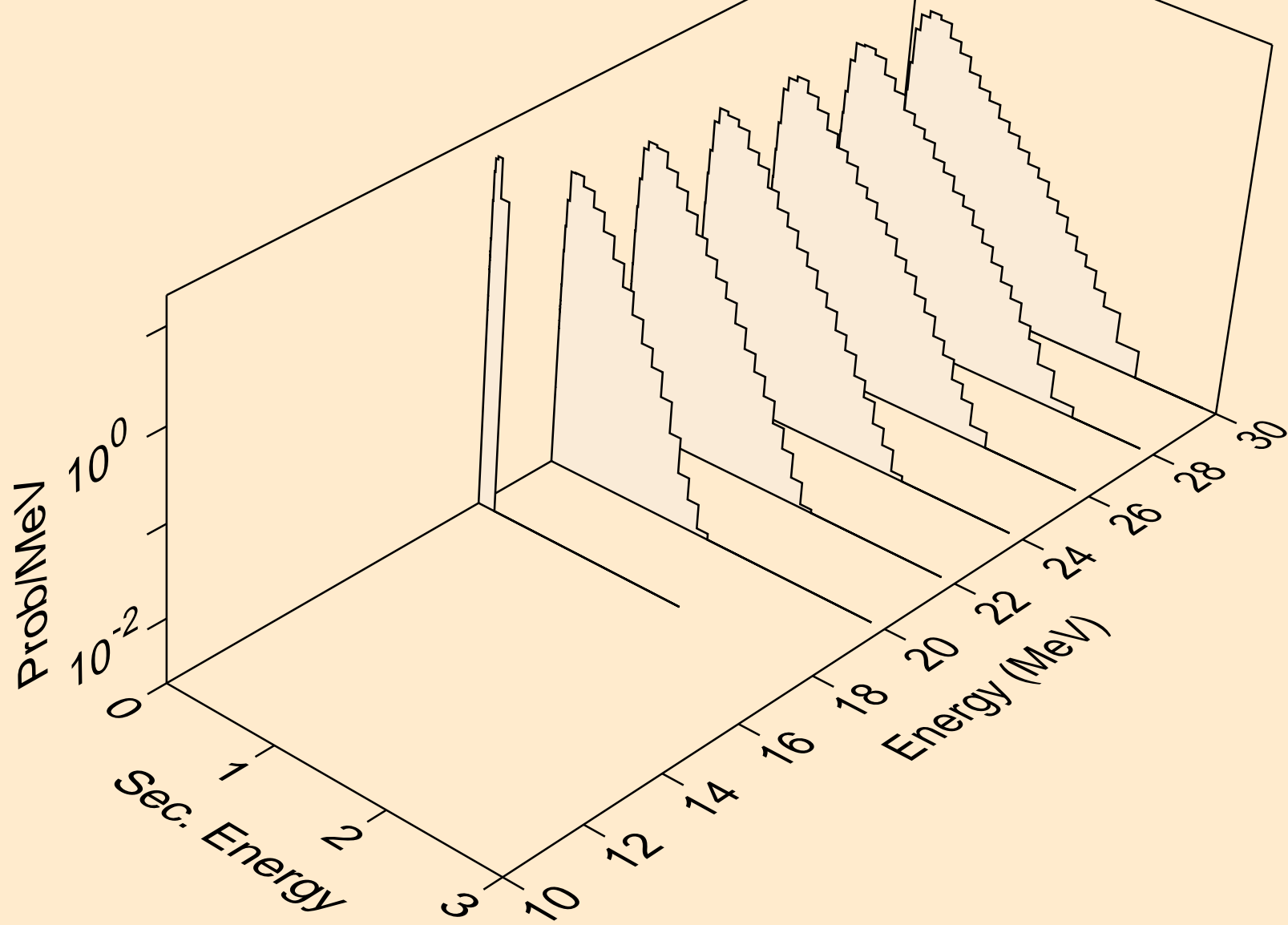
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



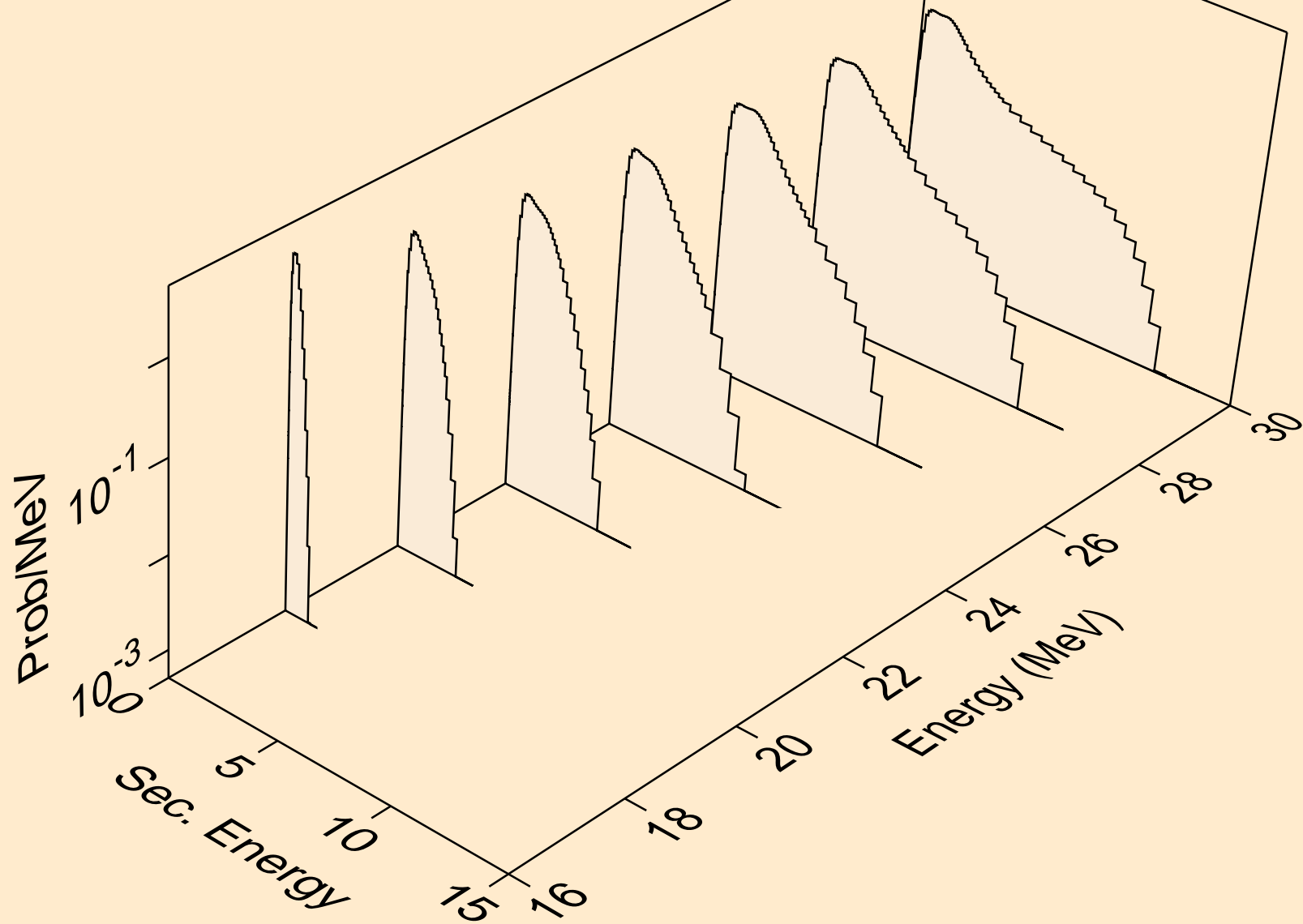
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

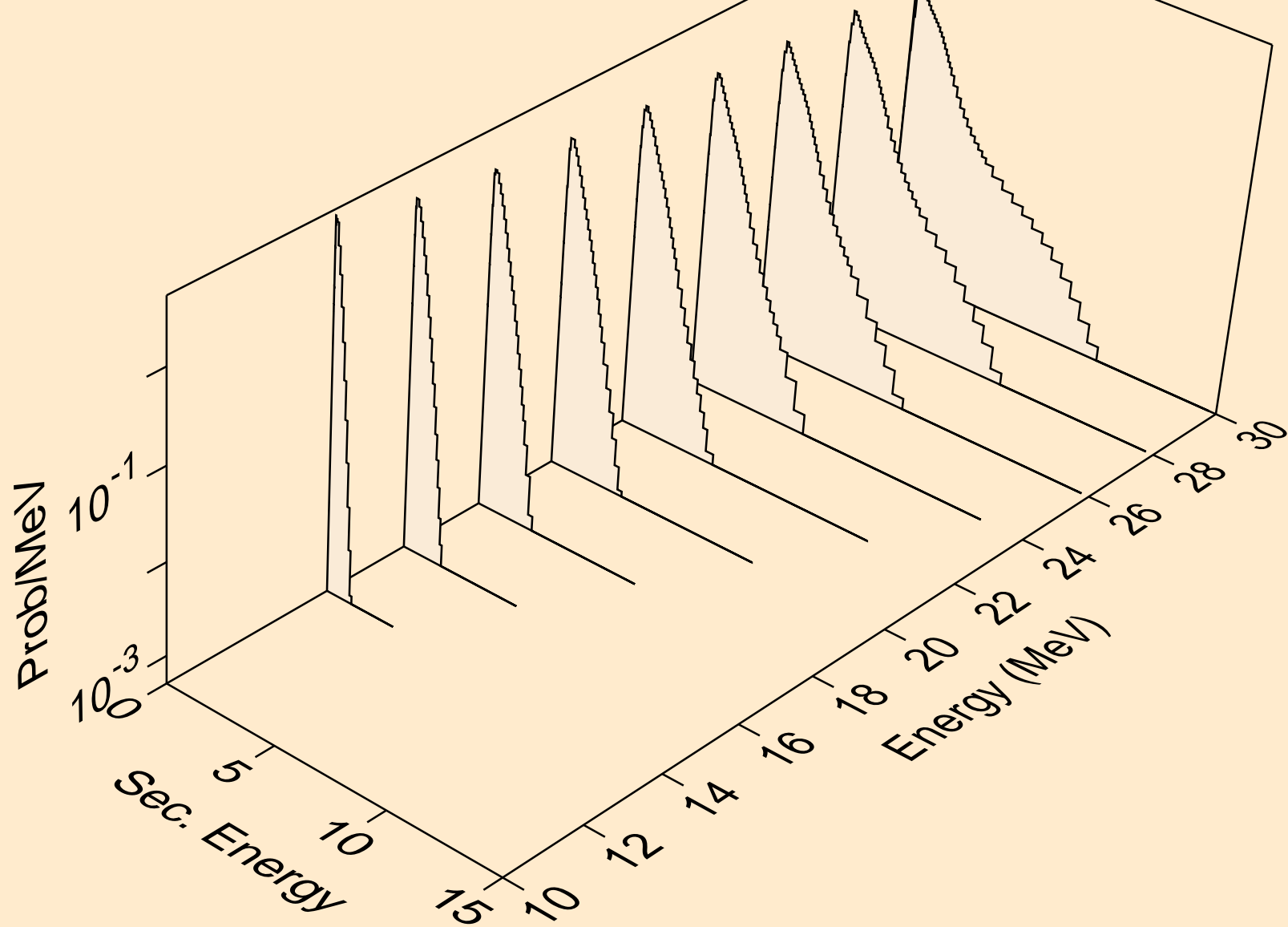


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

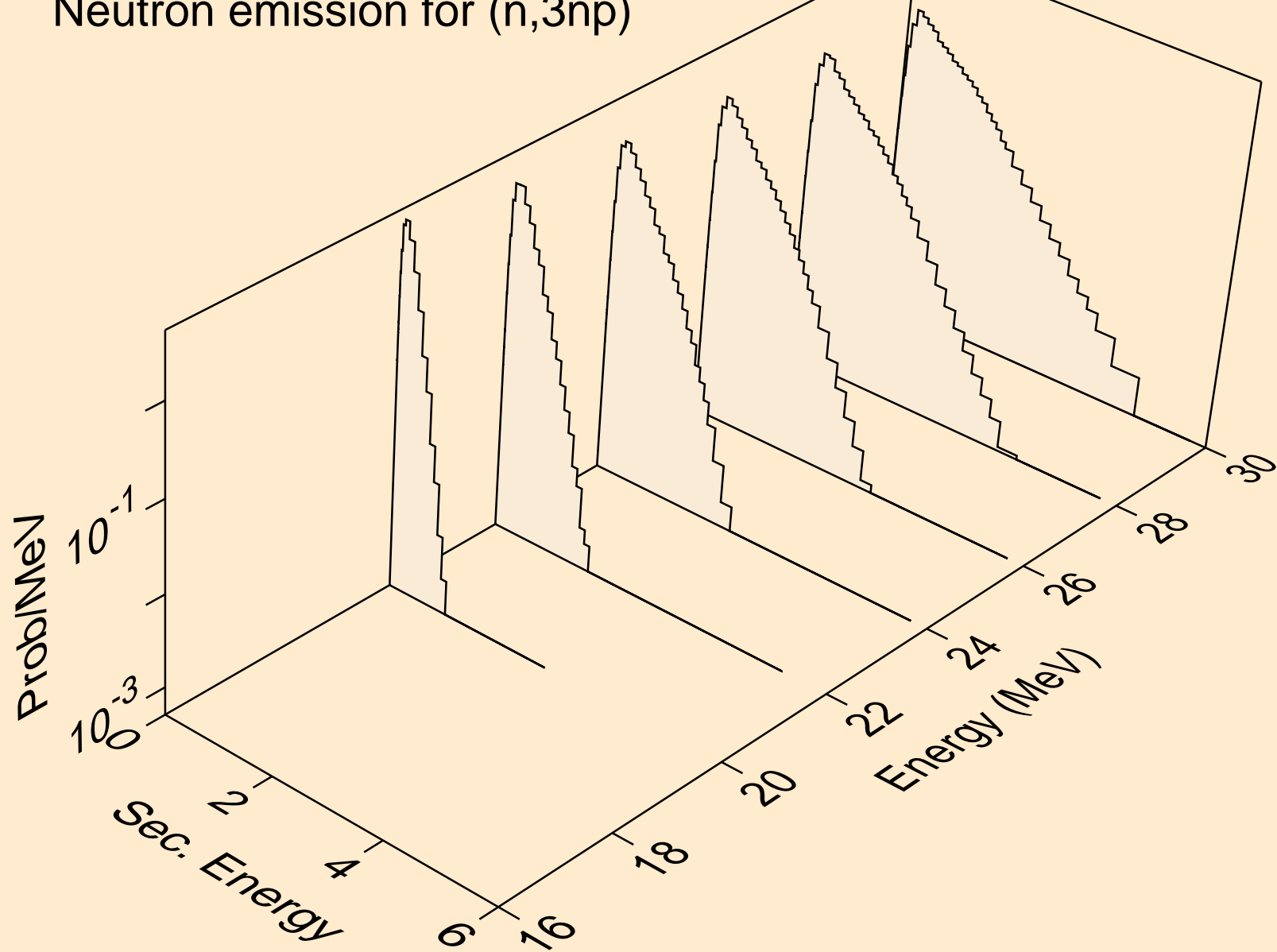




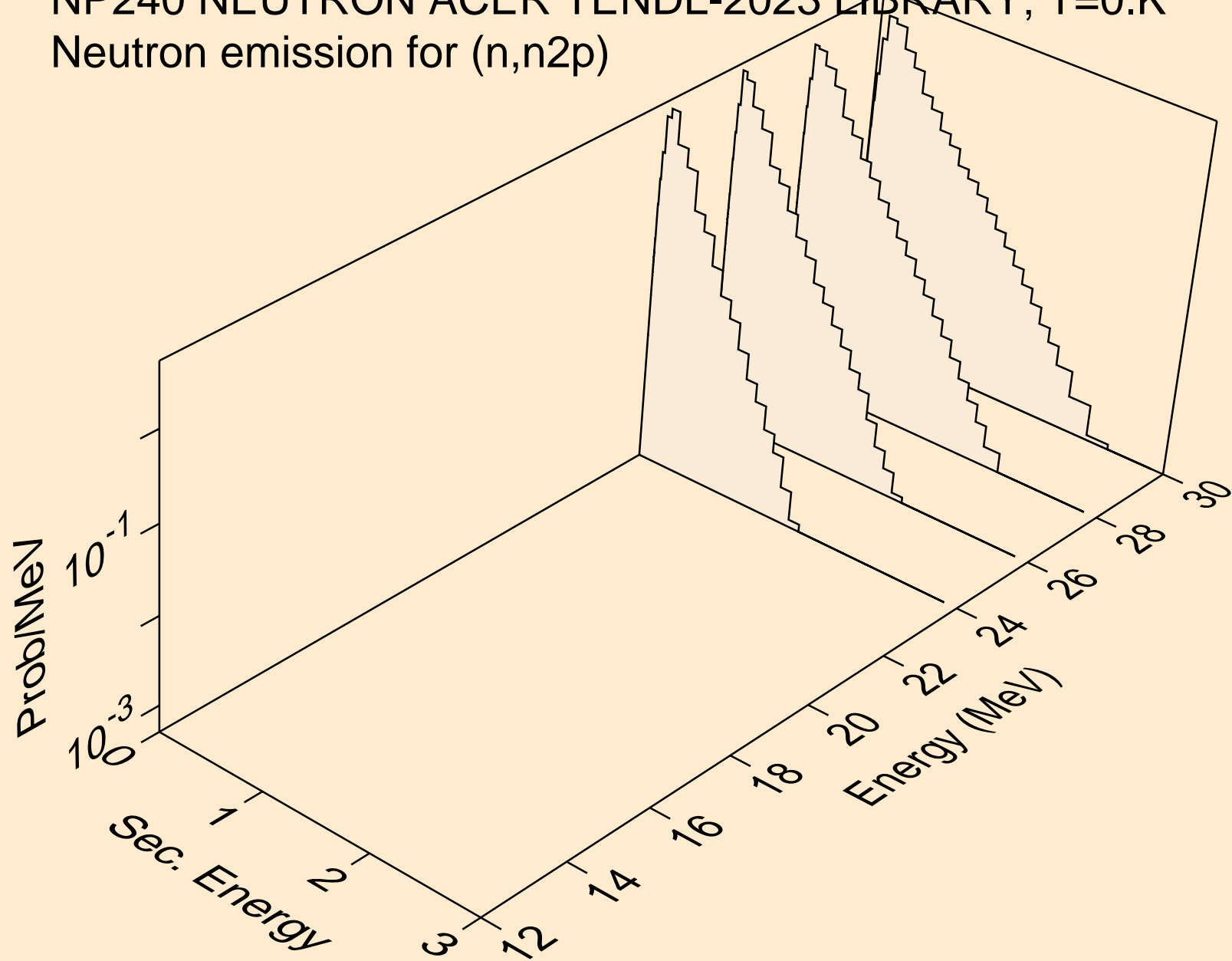
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



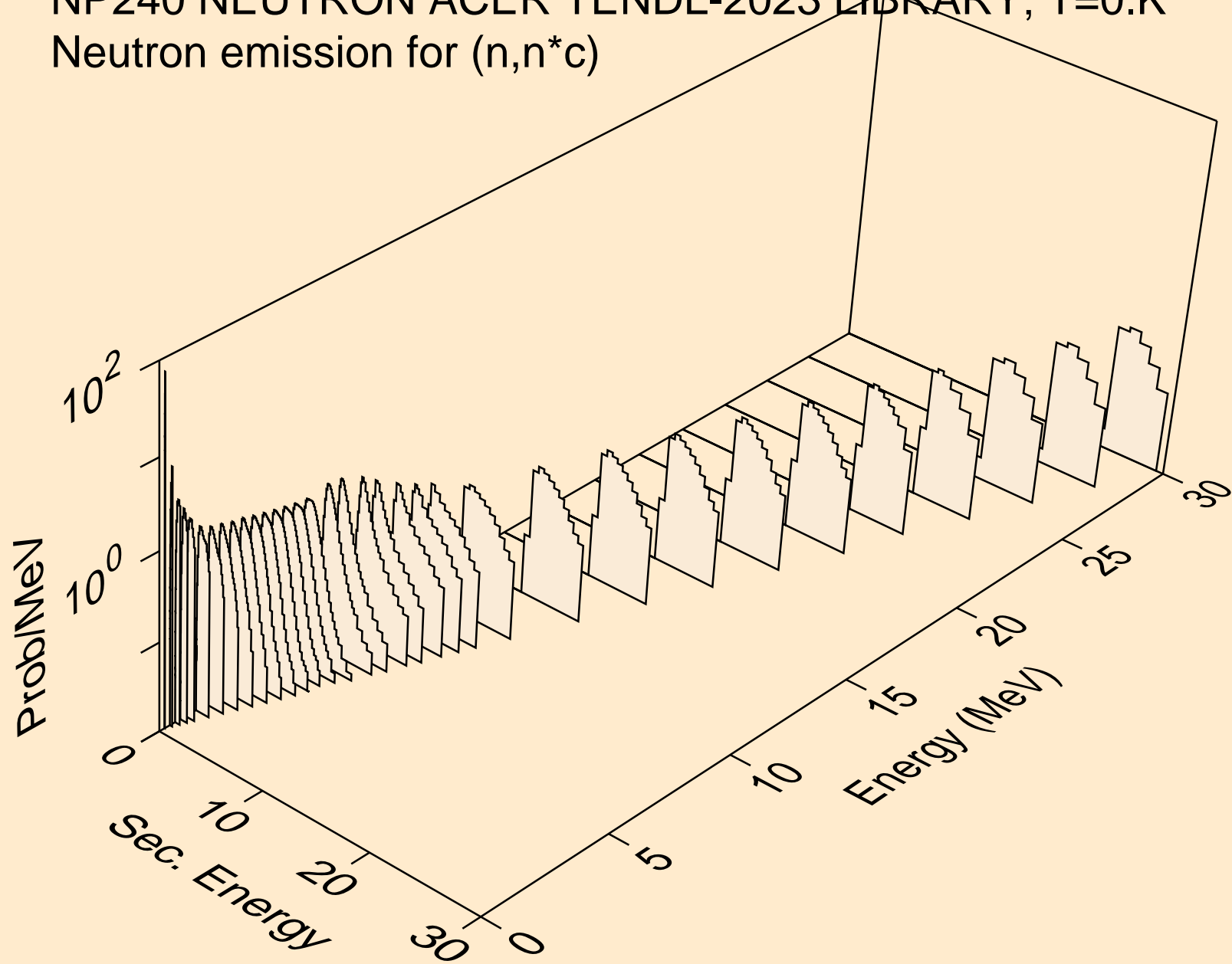
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

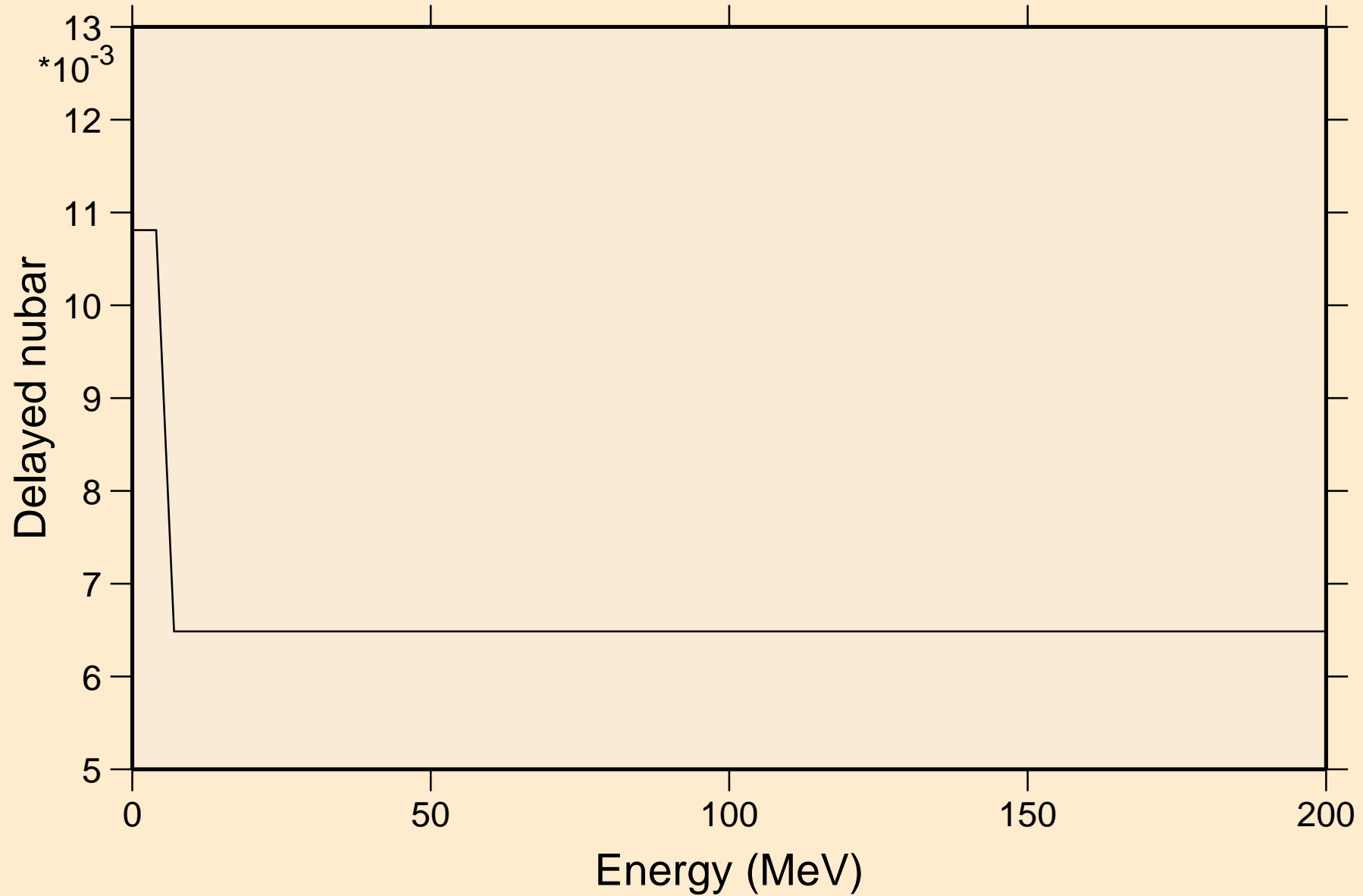


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



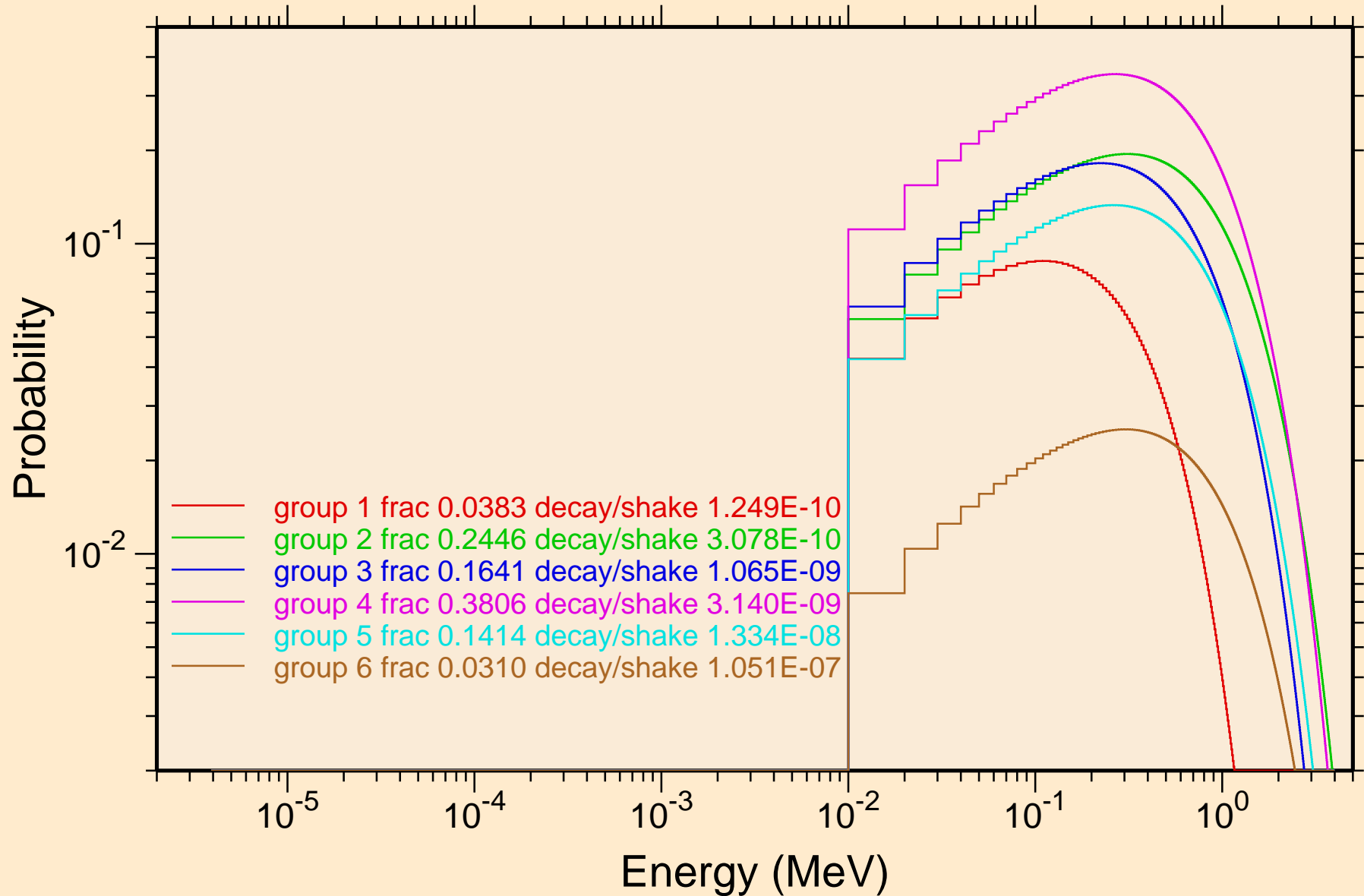
# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

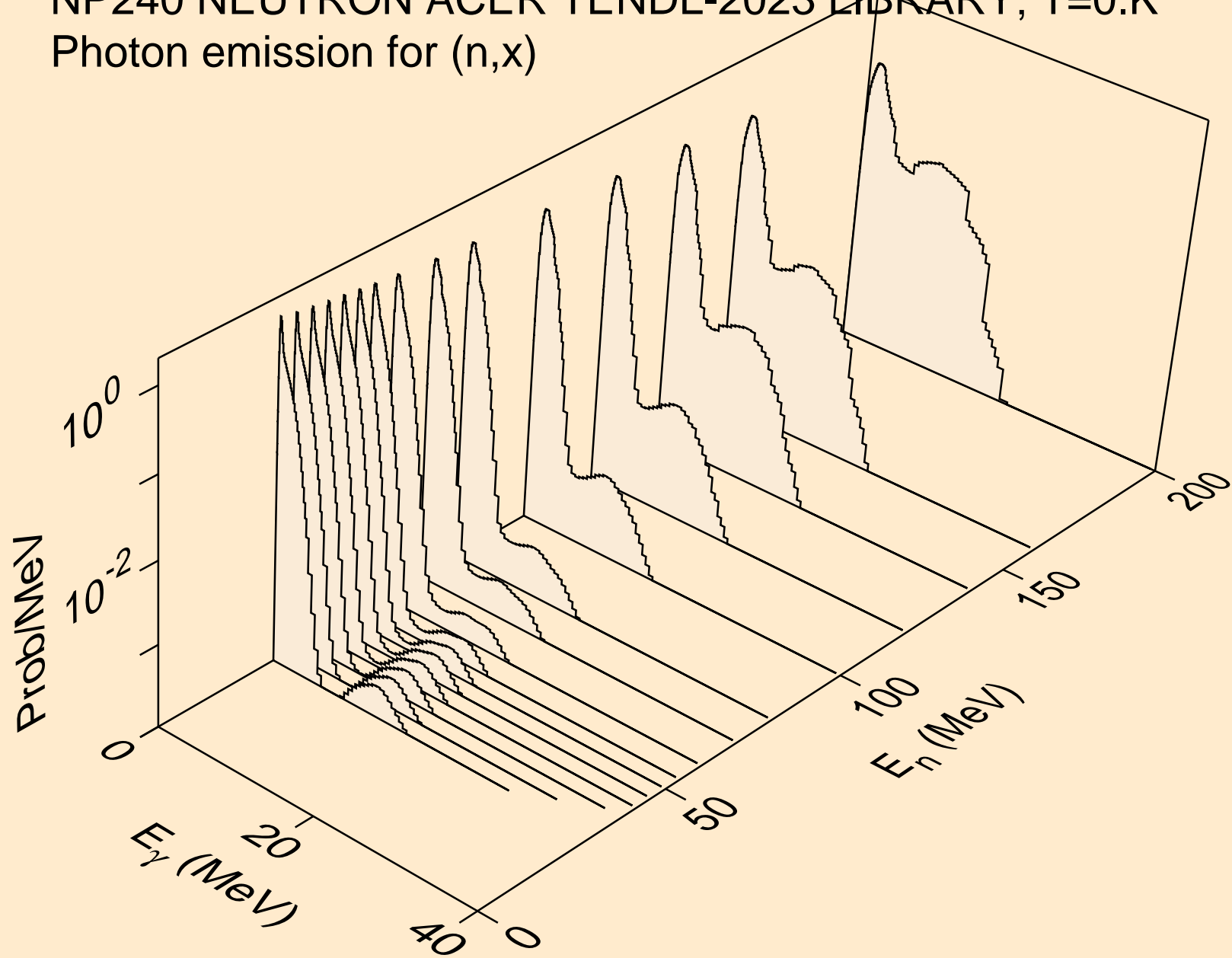


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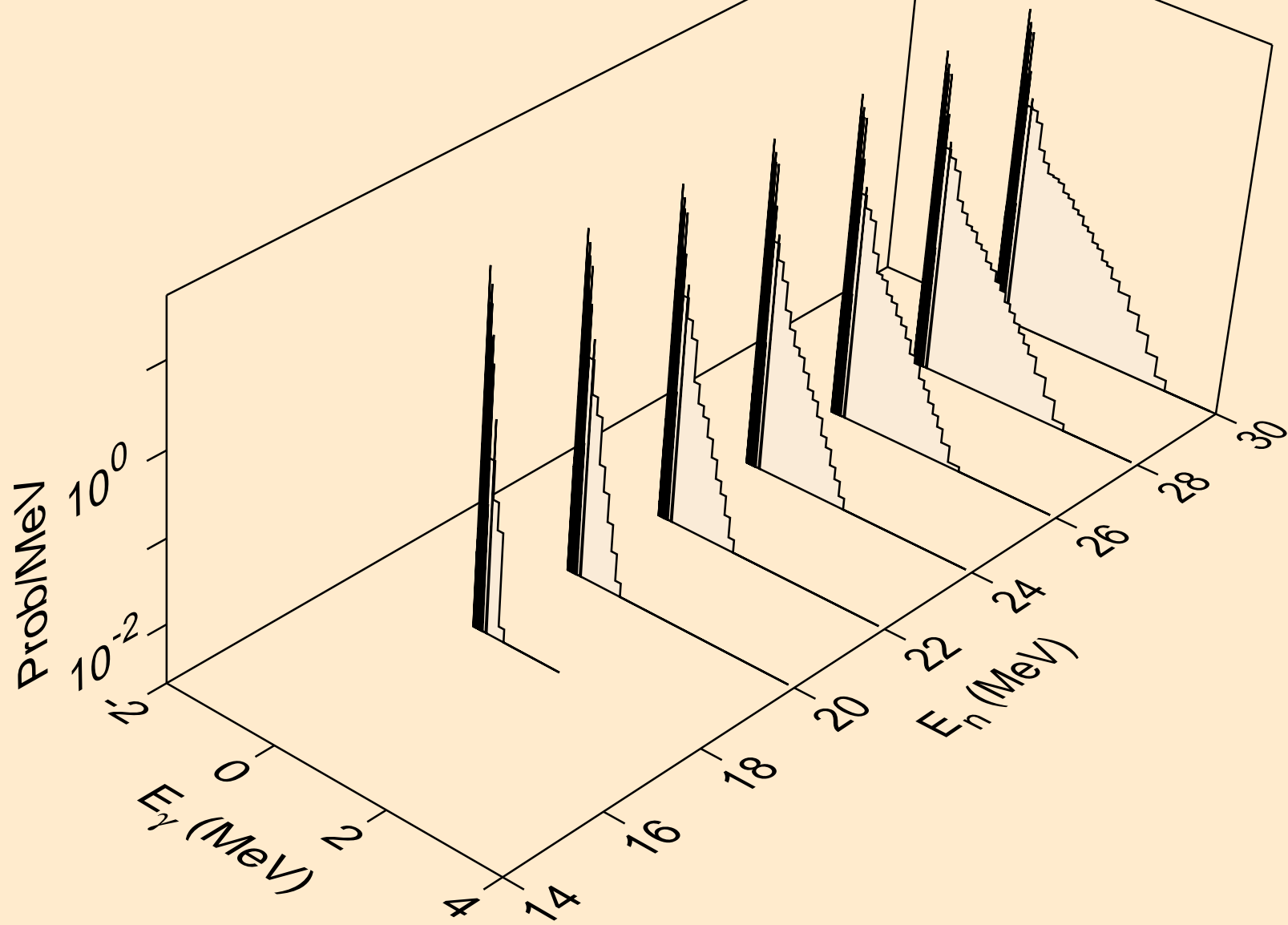
## Delayed neutron spectra



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

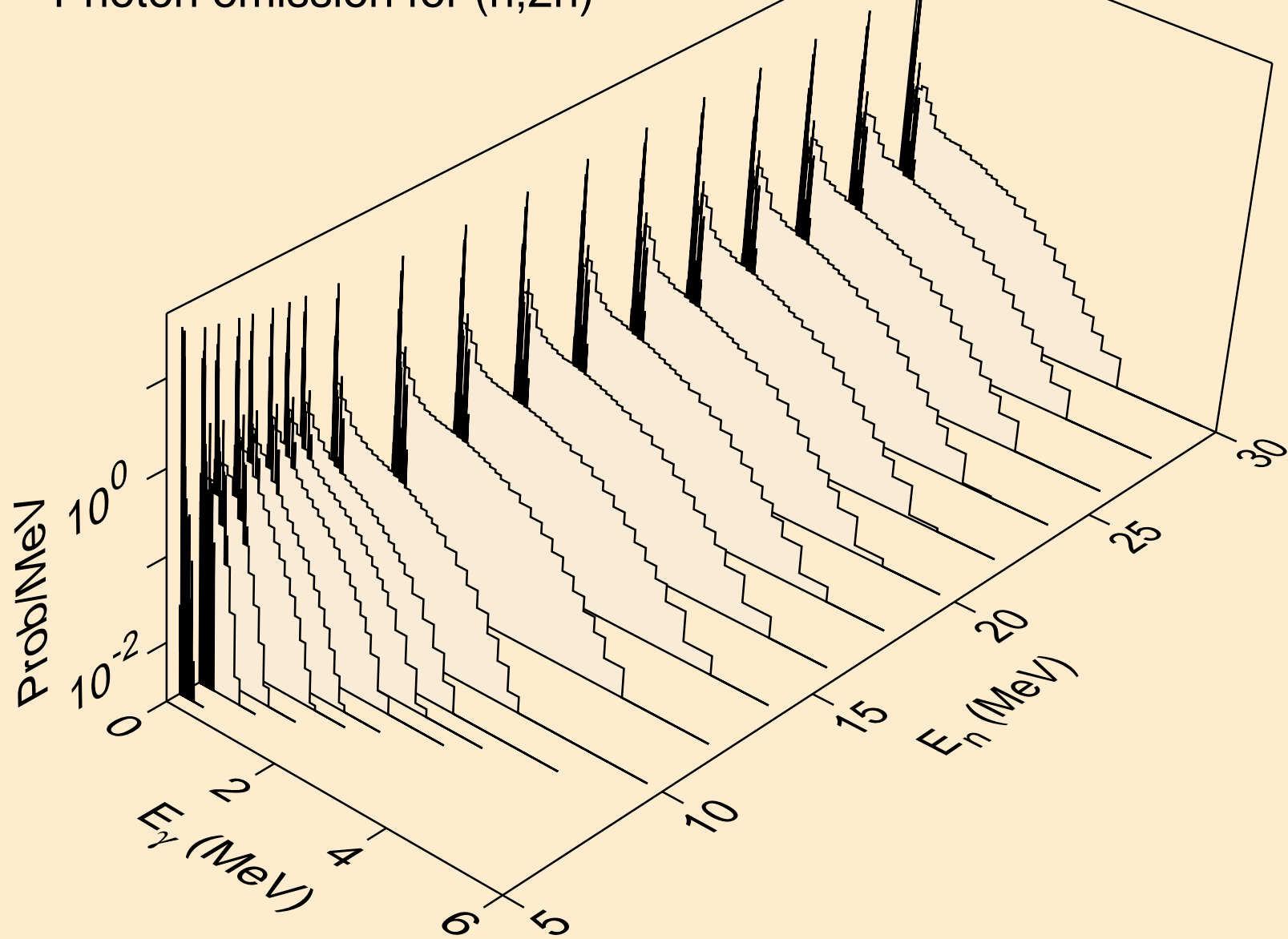


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

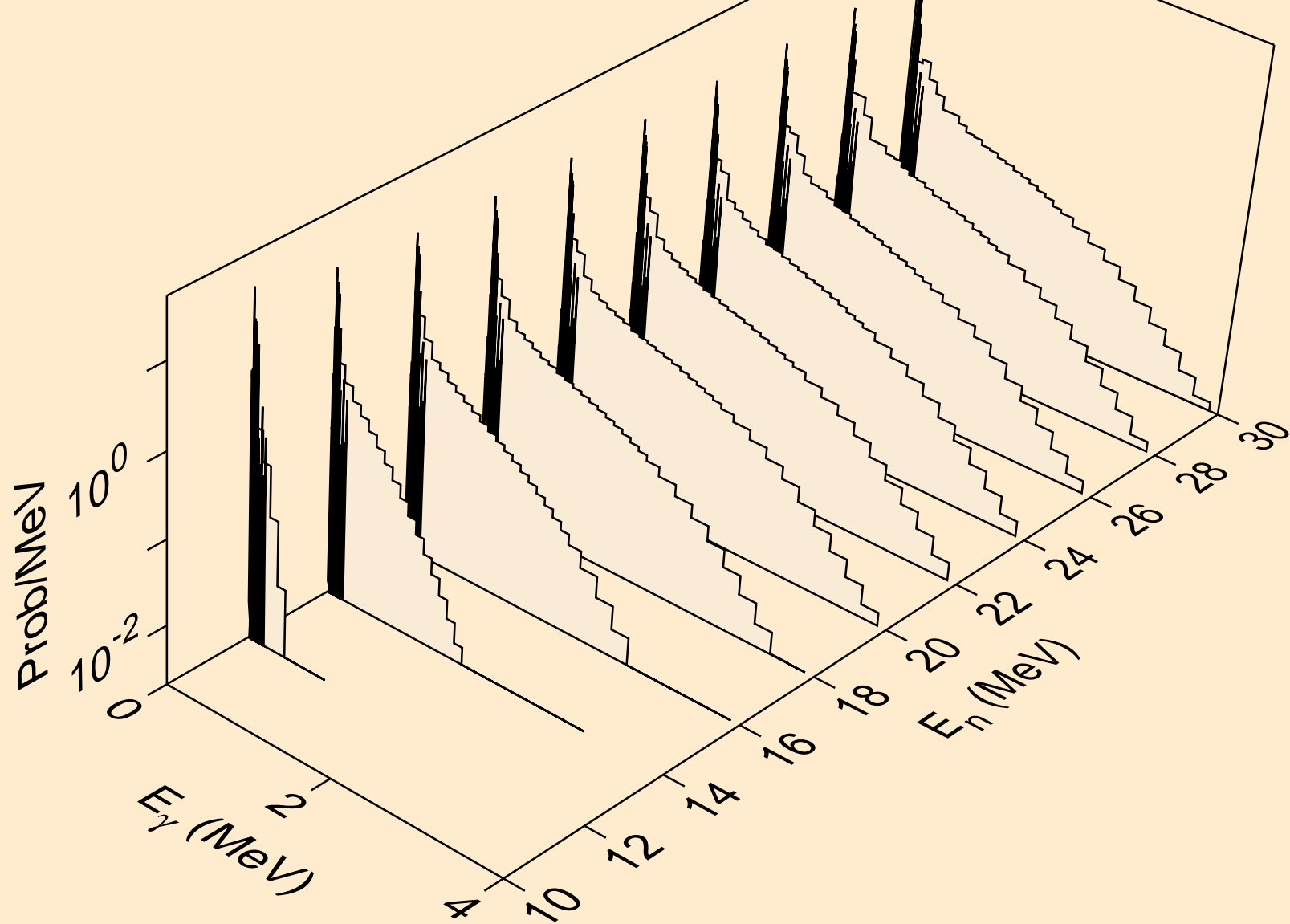




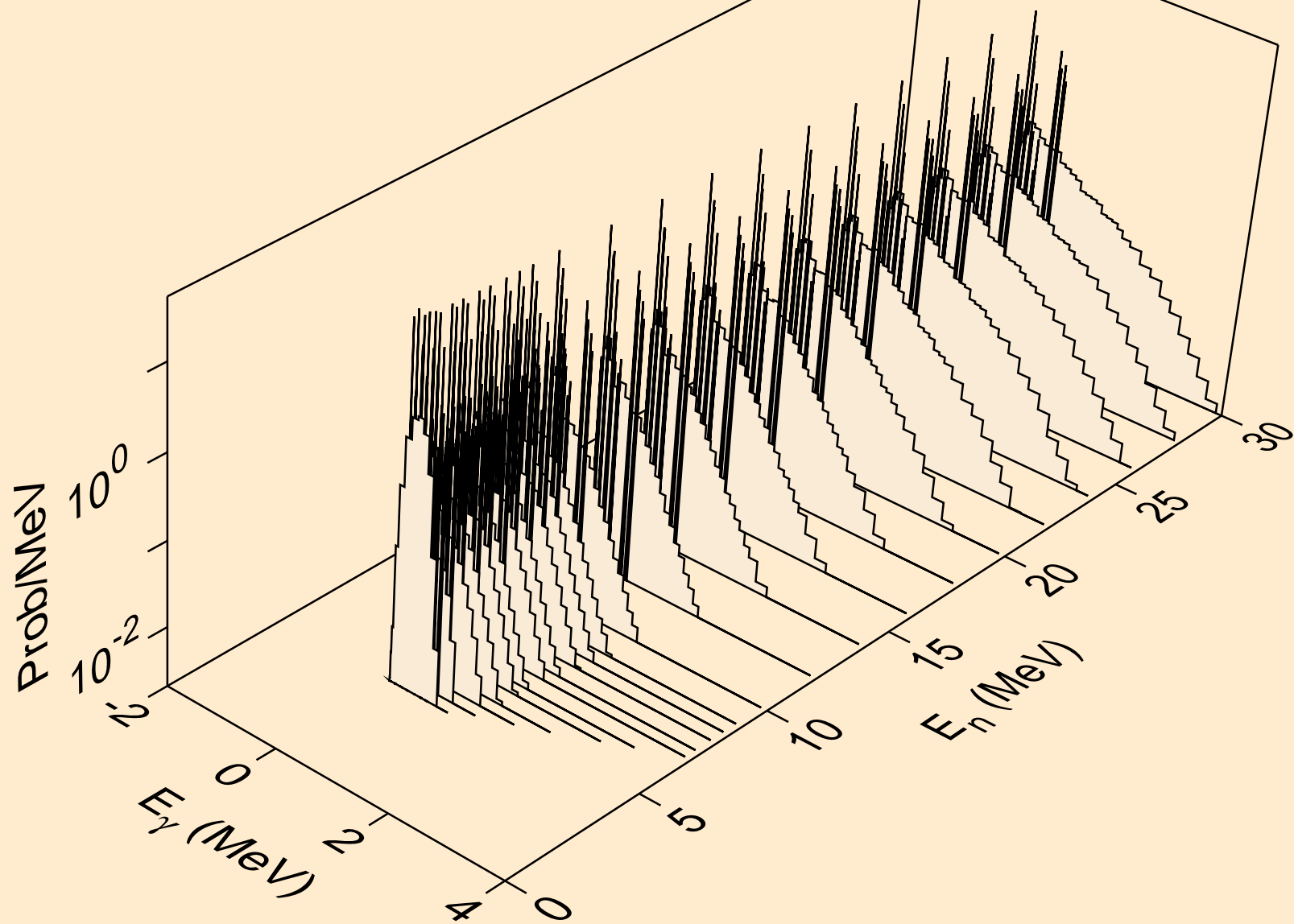
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



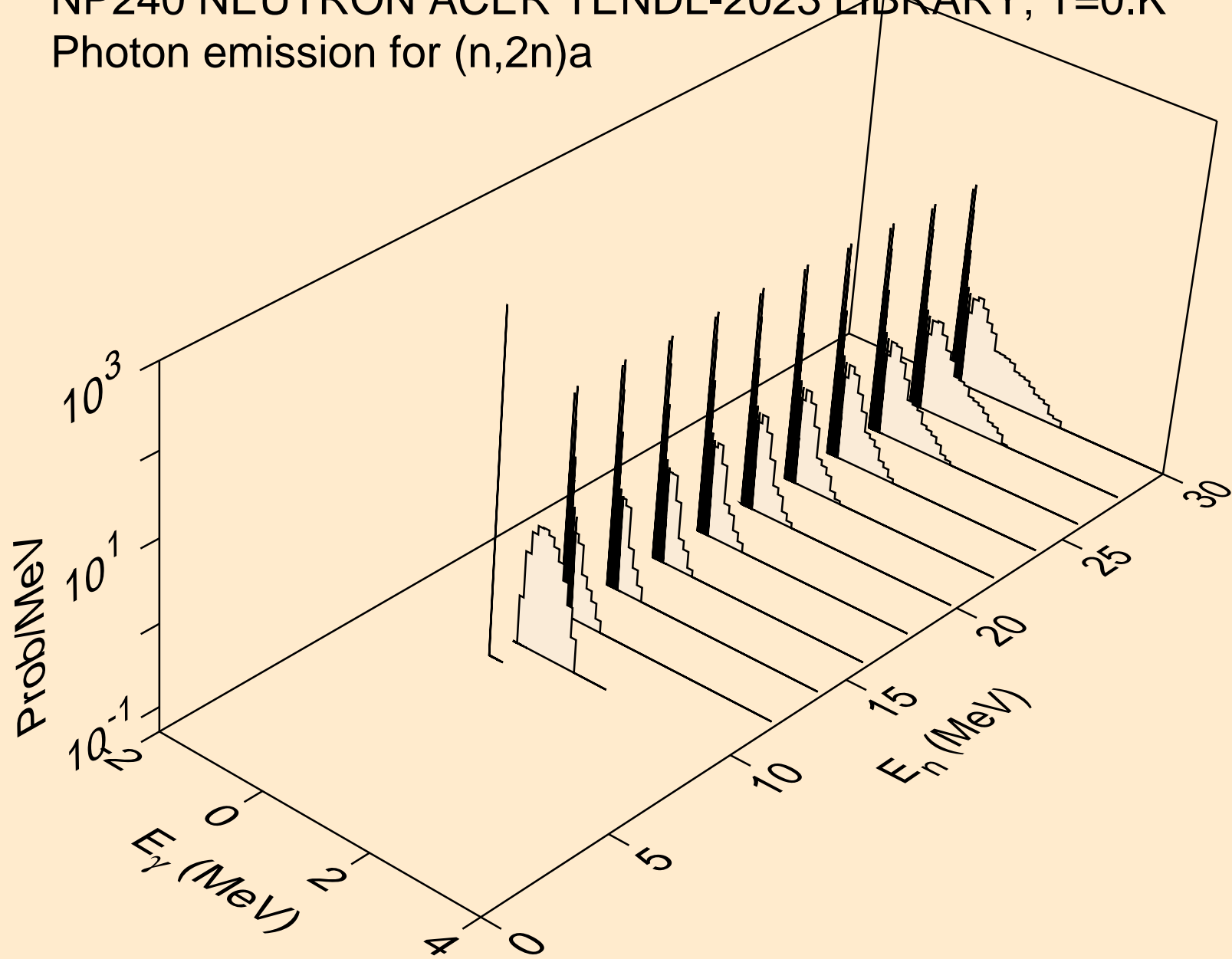
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



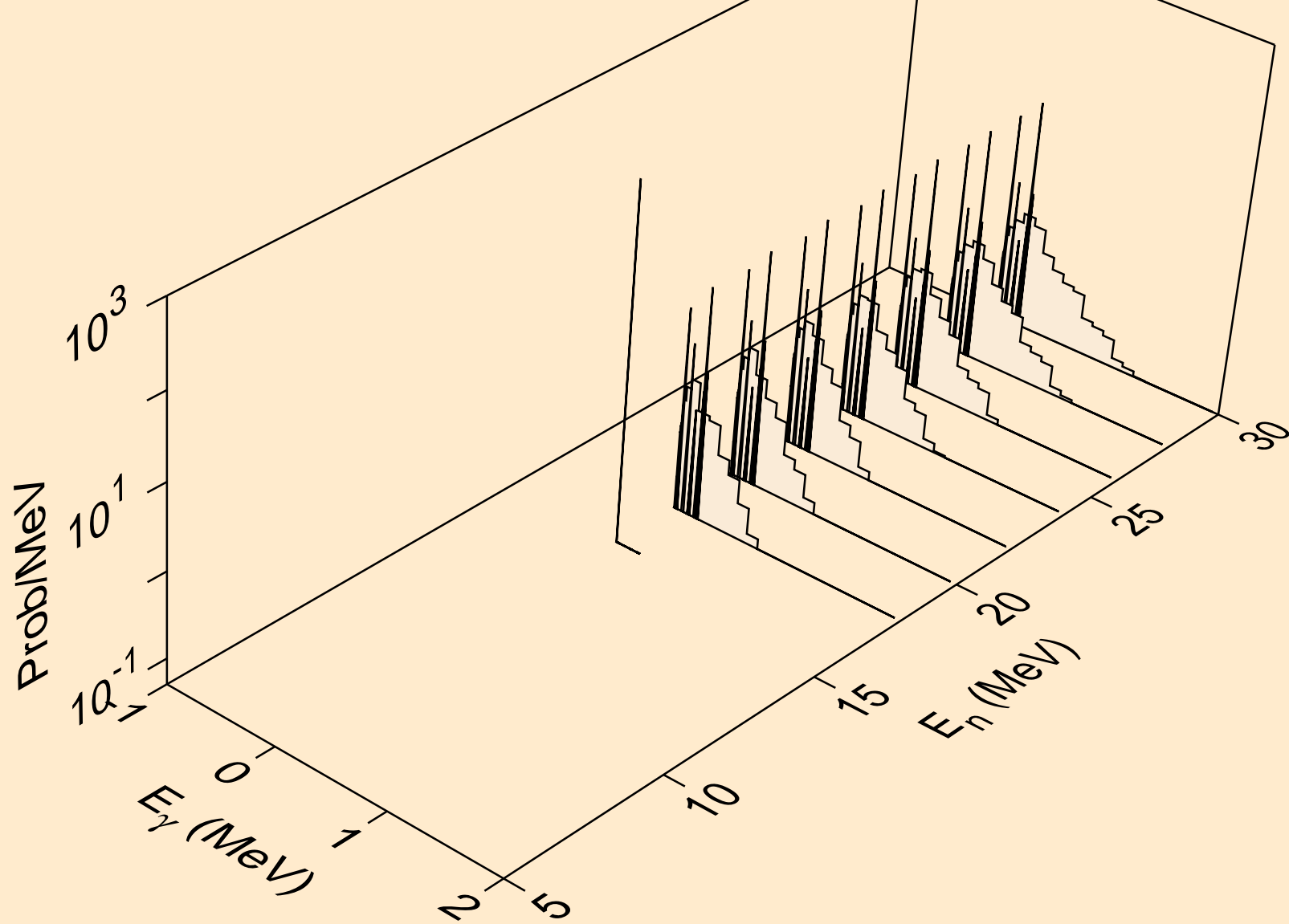
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



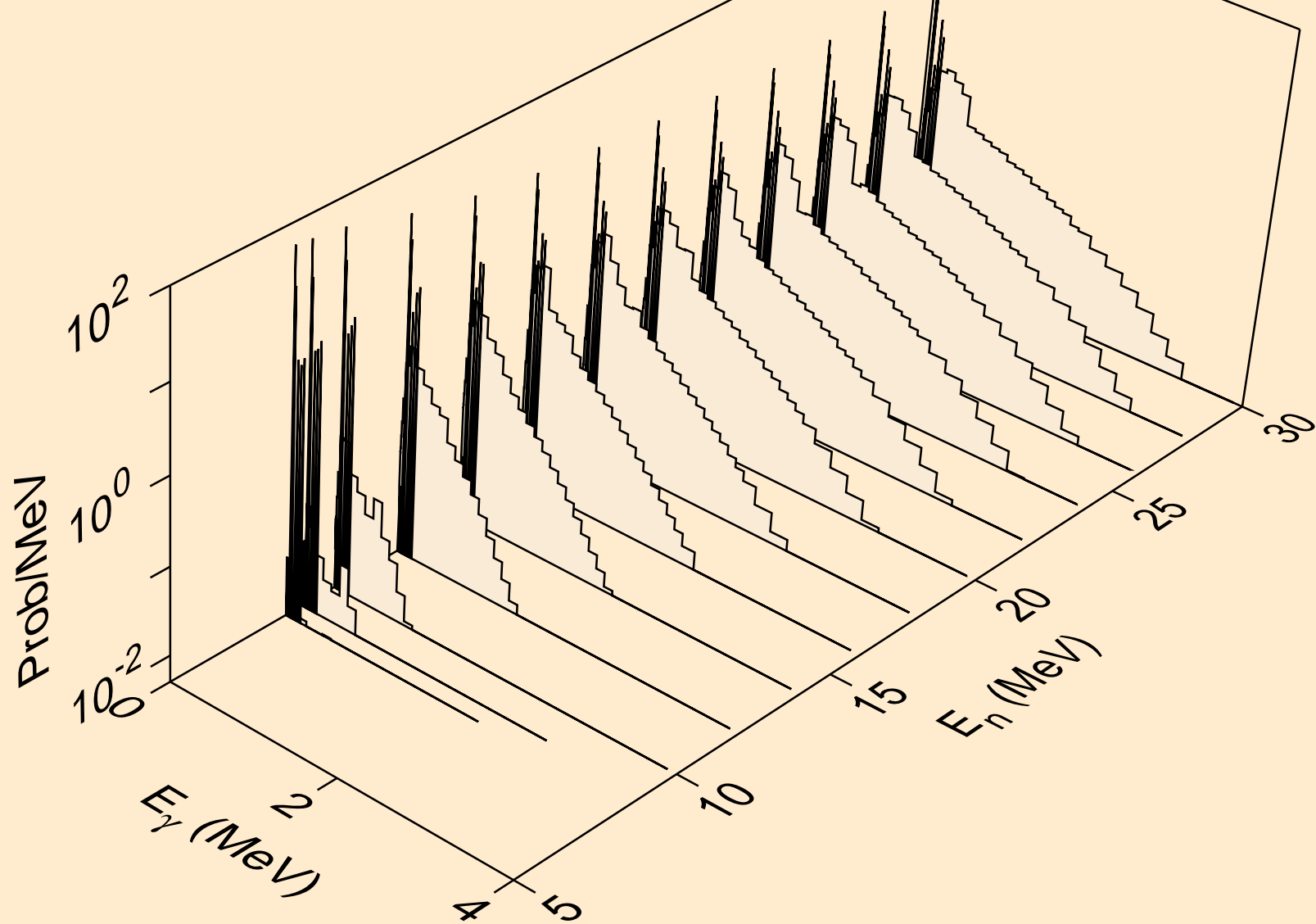
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



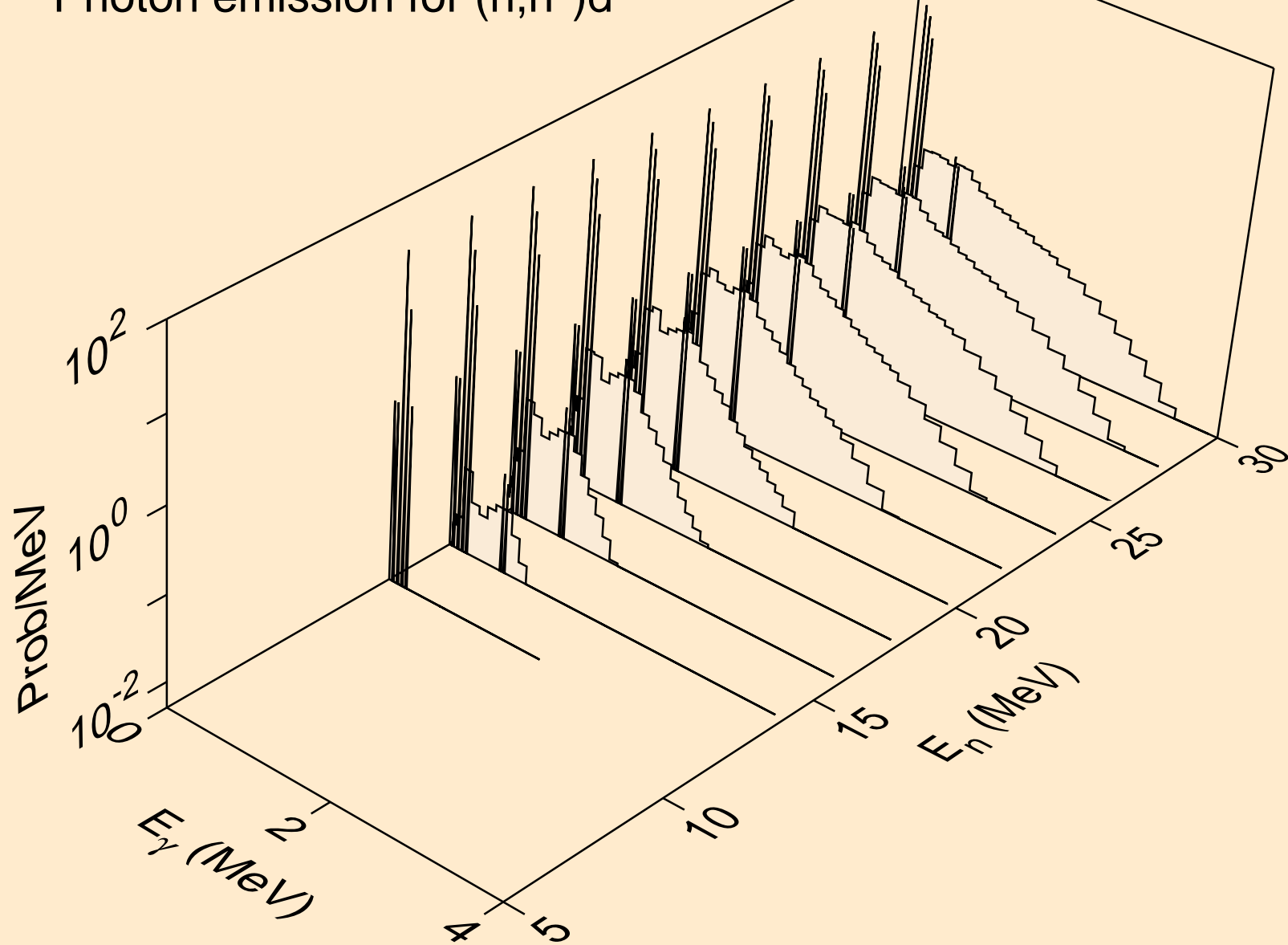
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



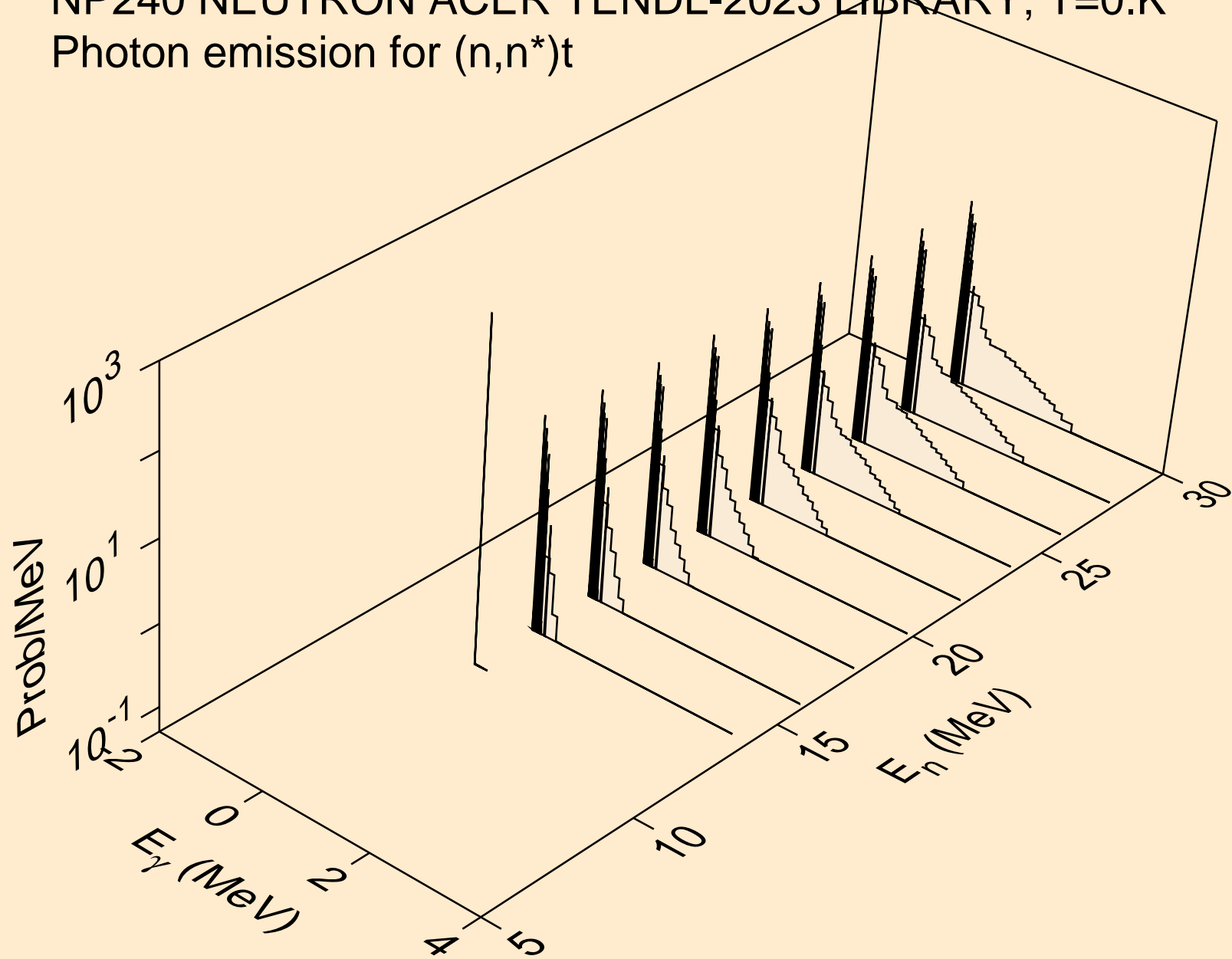
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

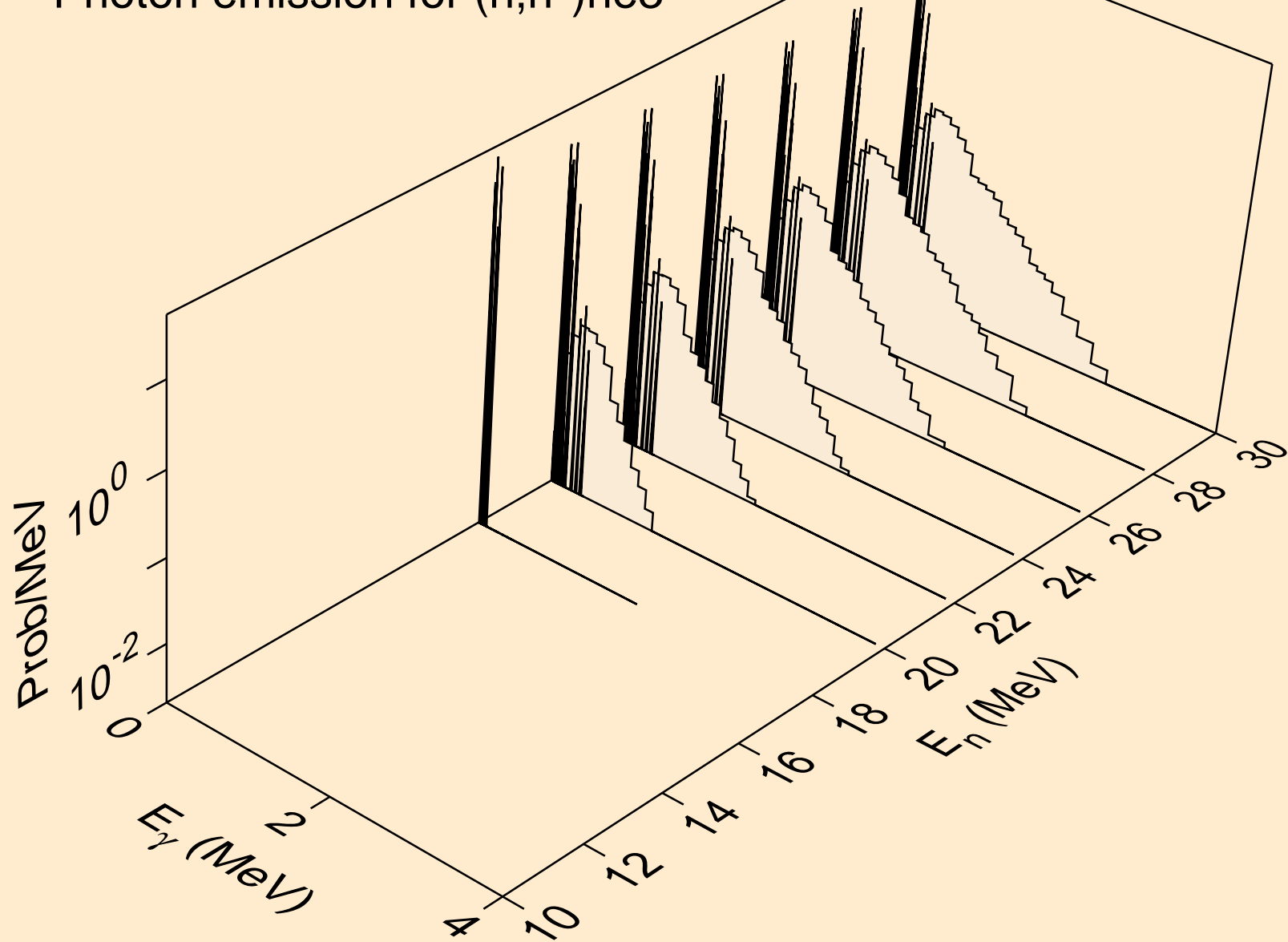


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

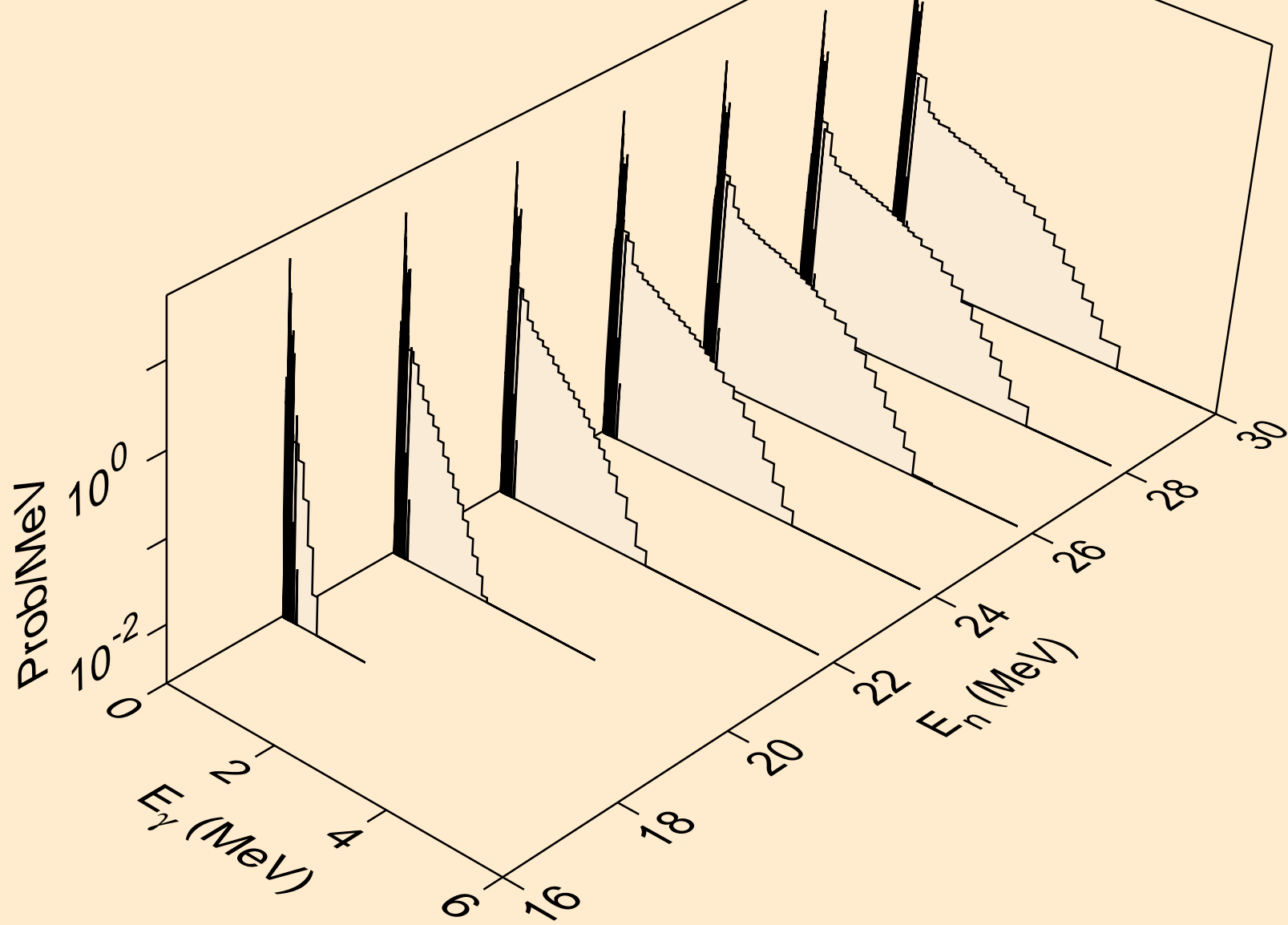




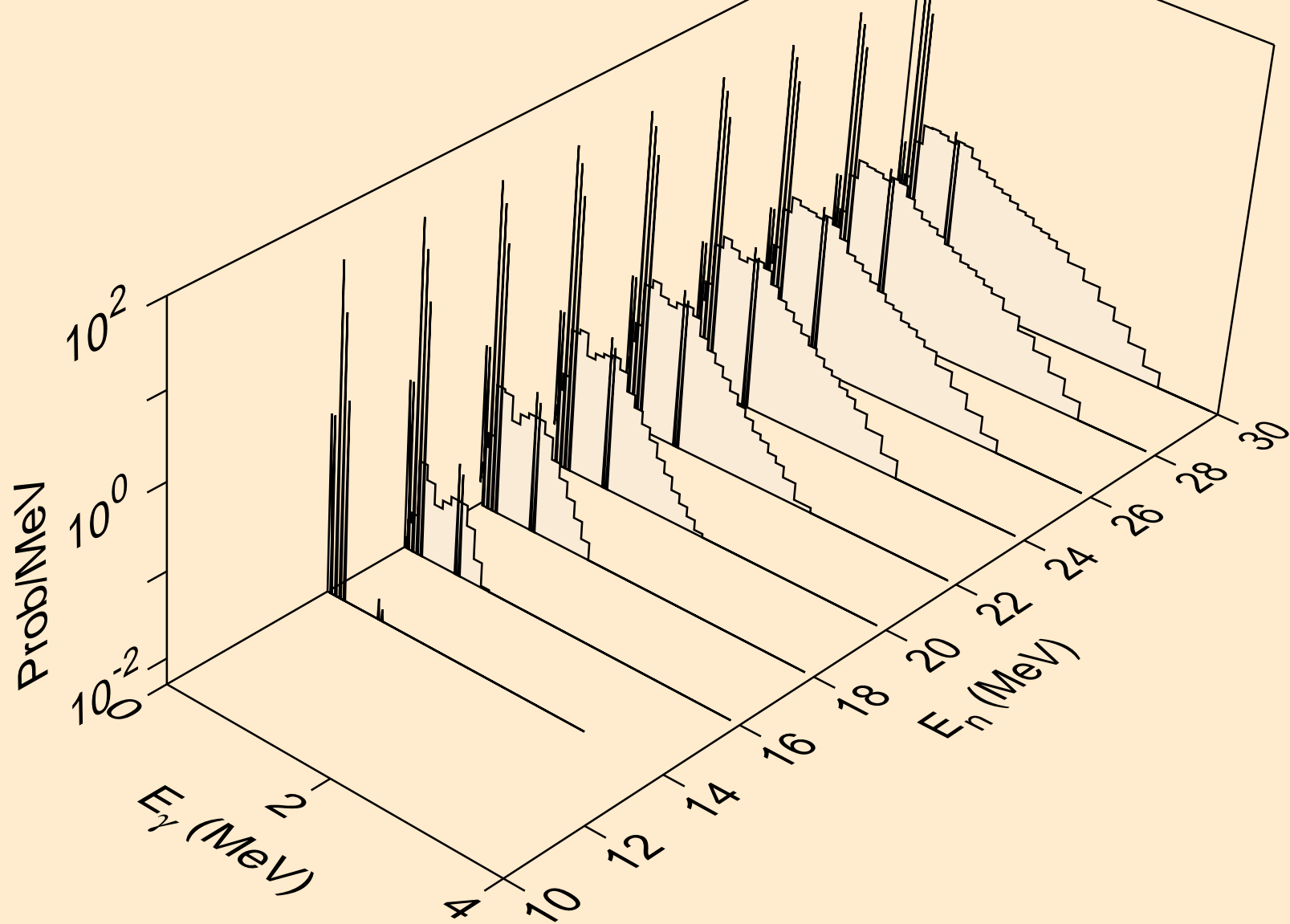
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



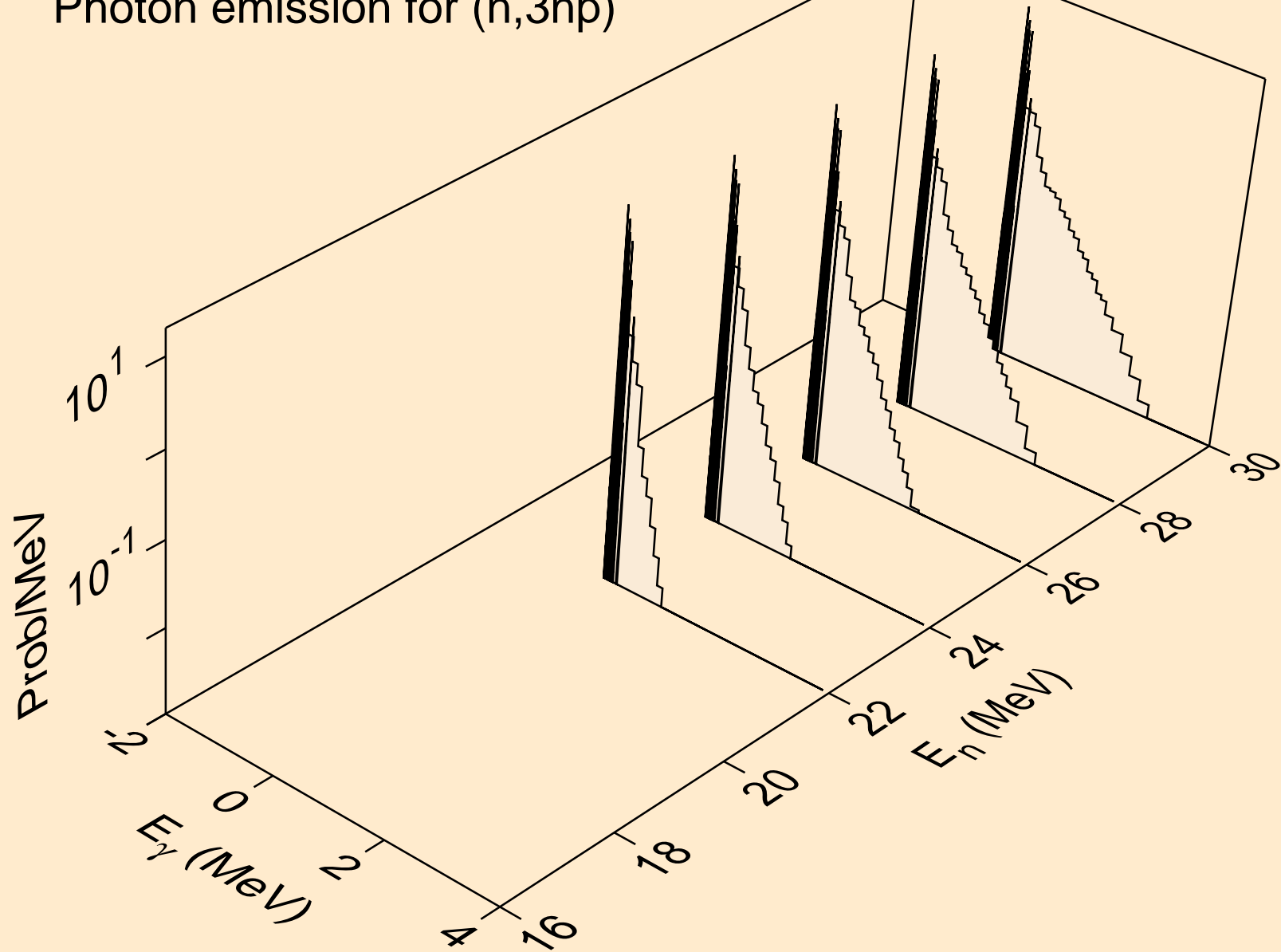
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



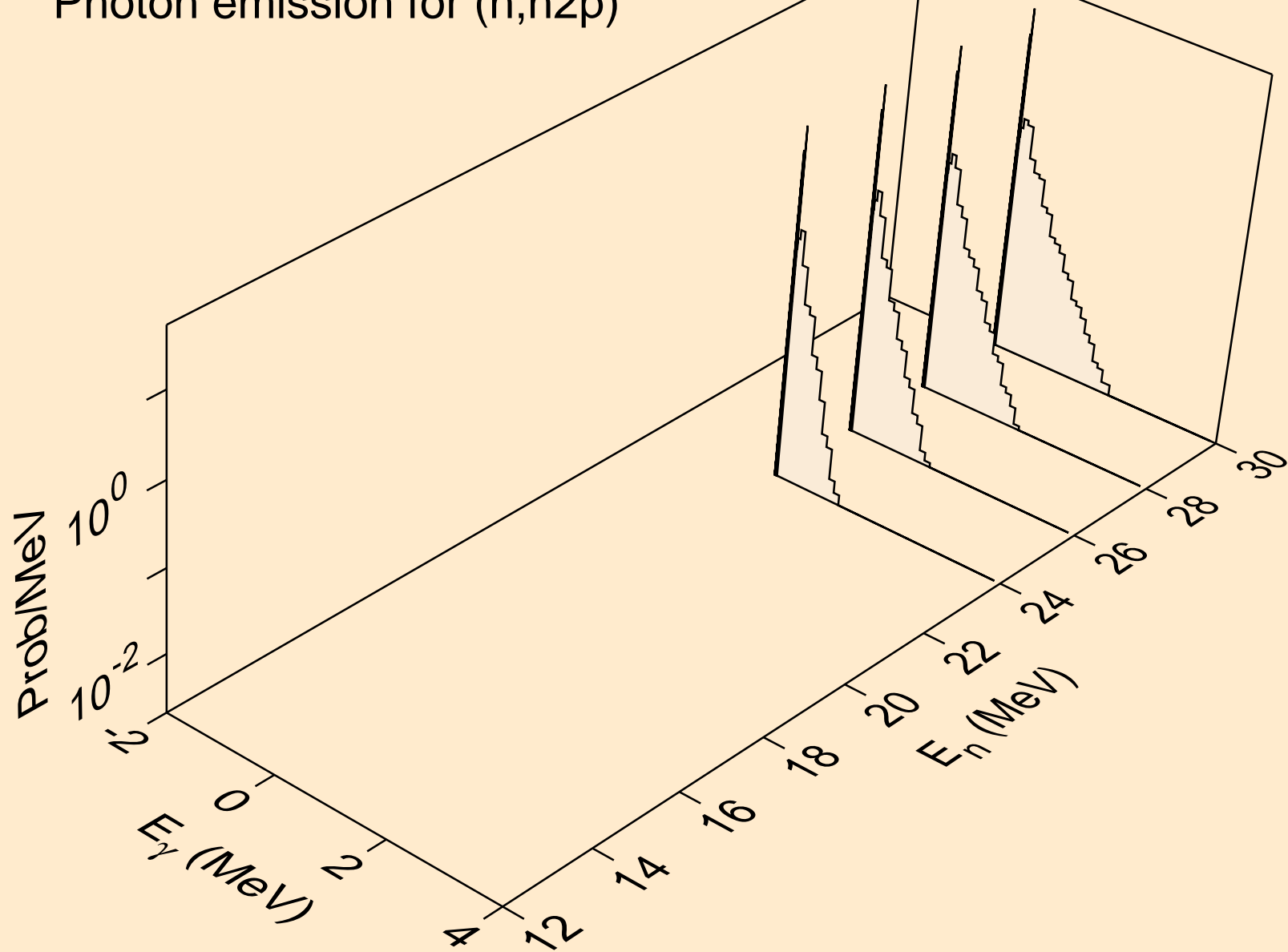
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



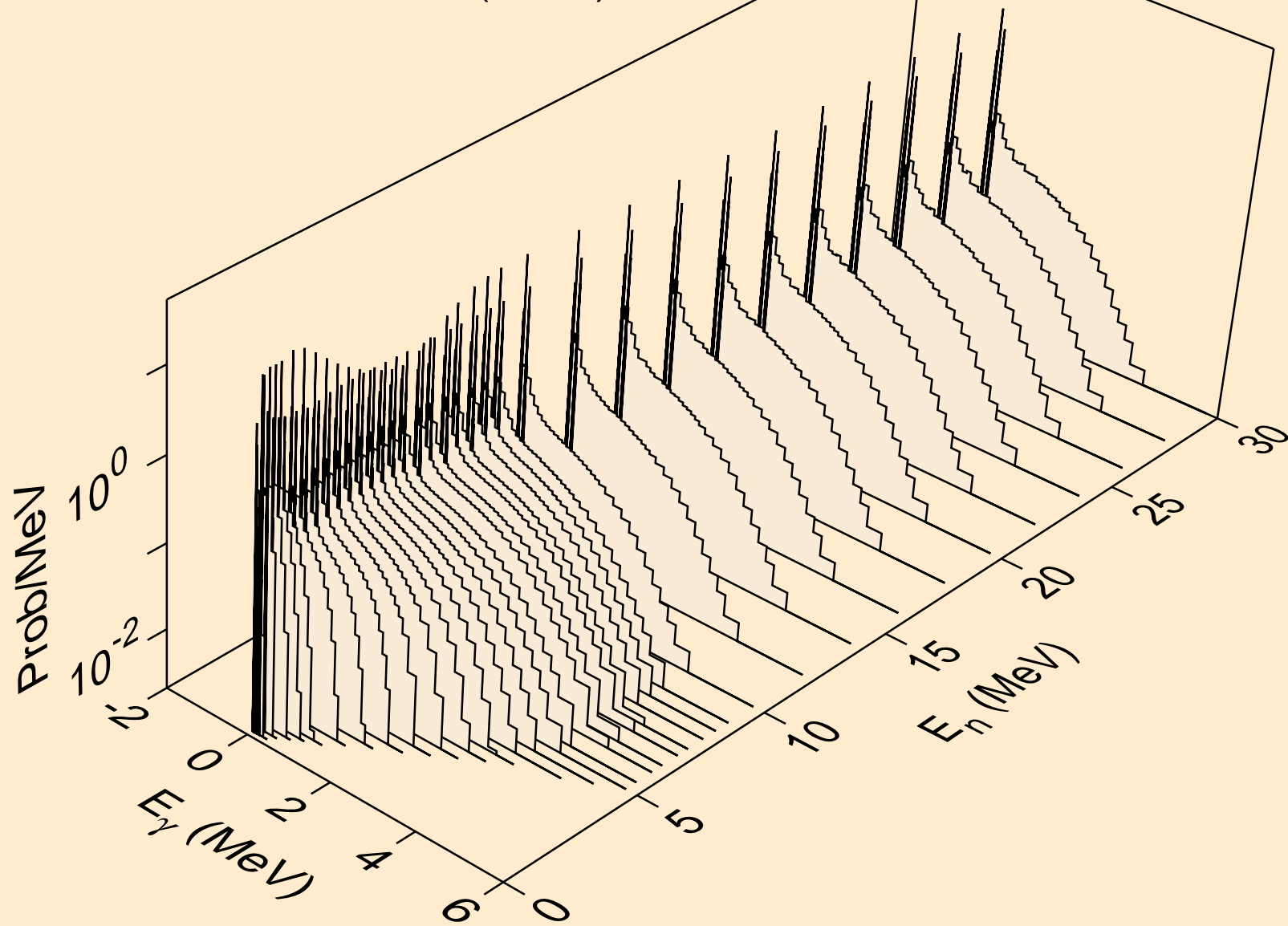
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Photon emission for (n,3np)



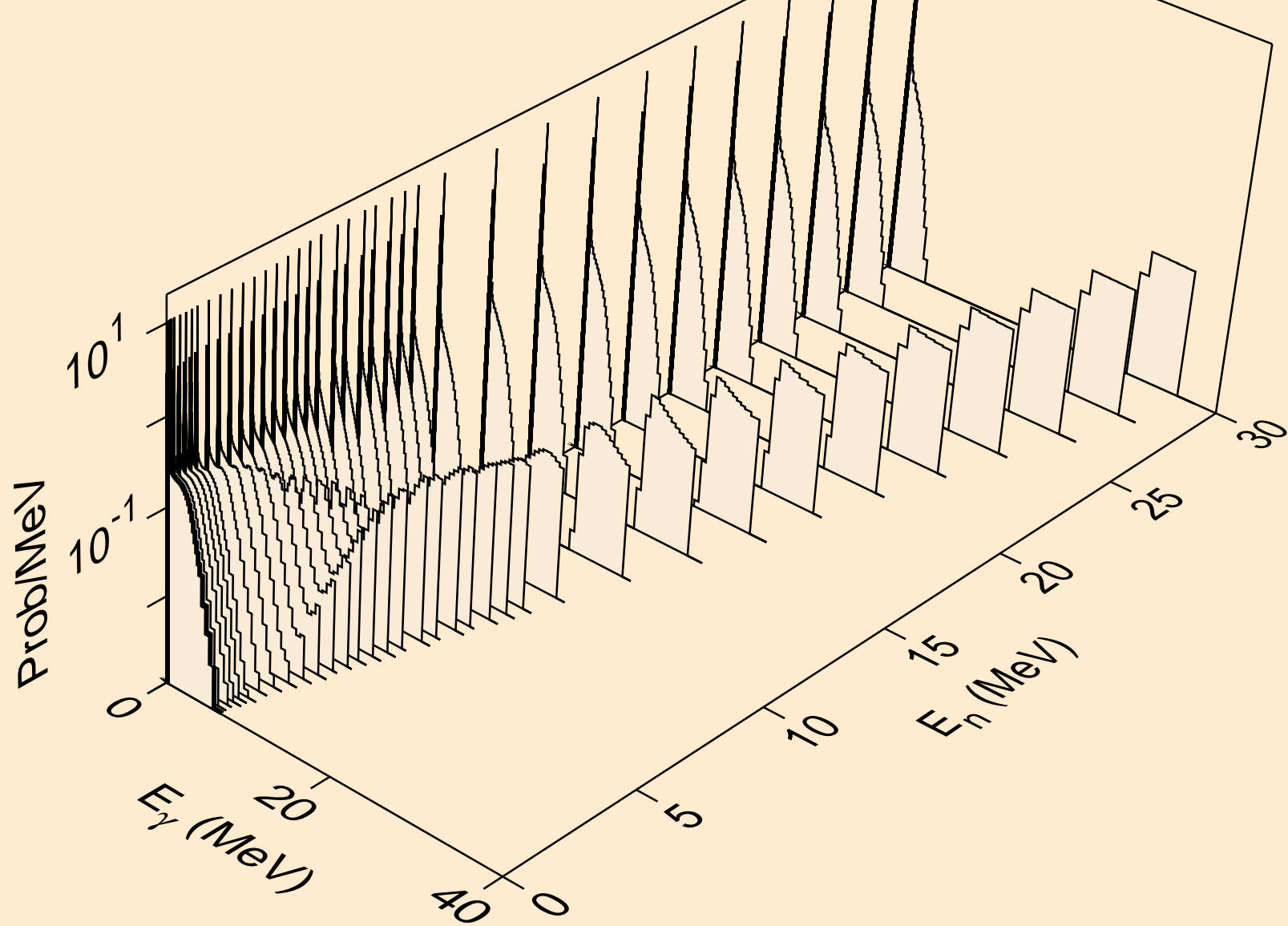
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



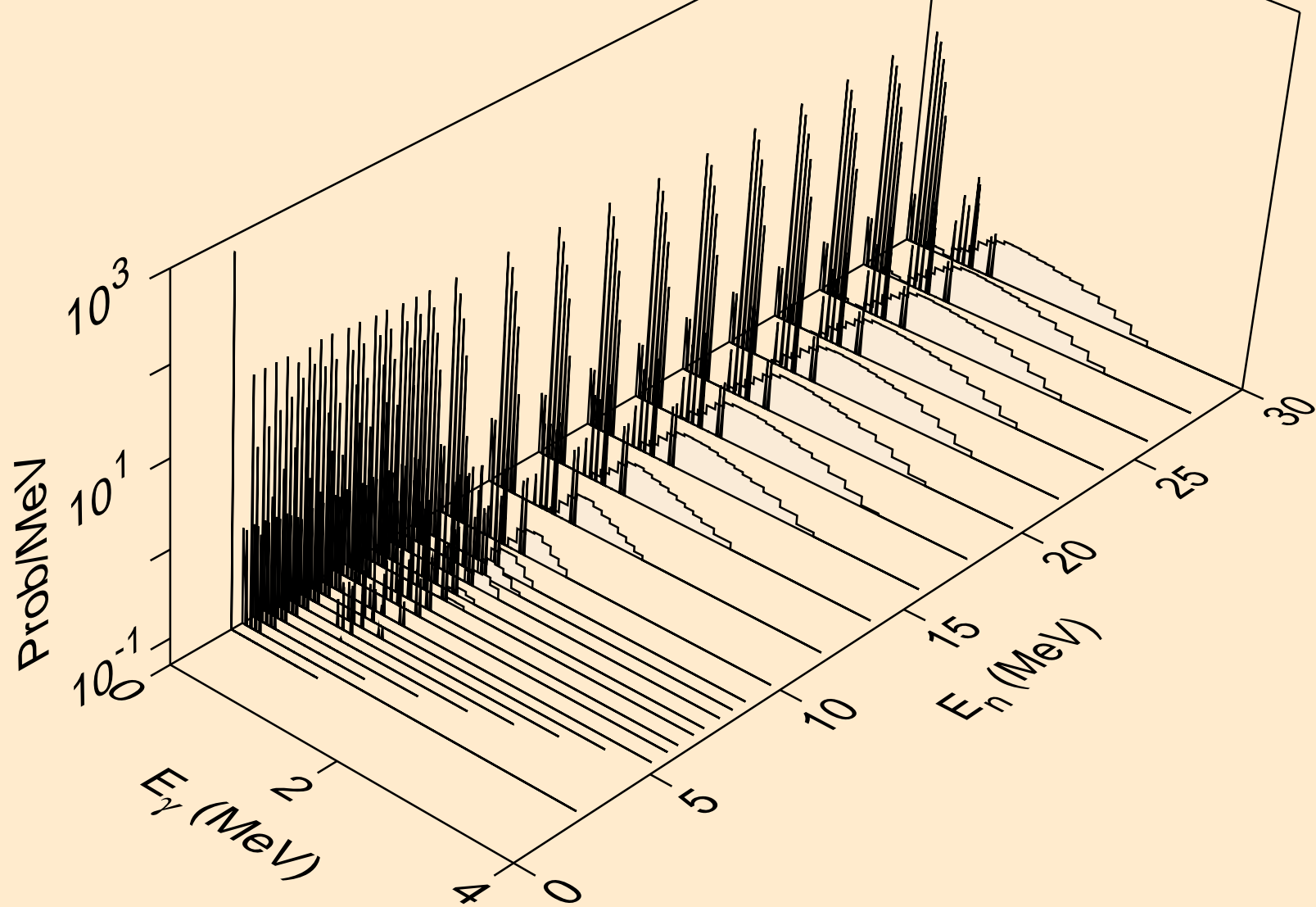
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

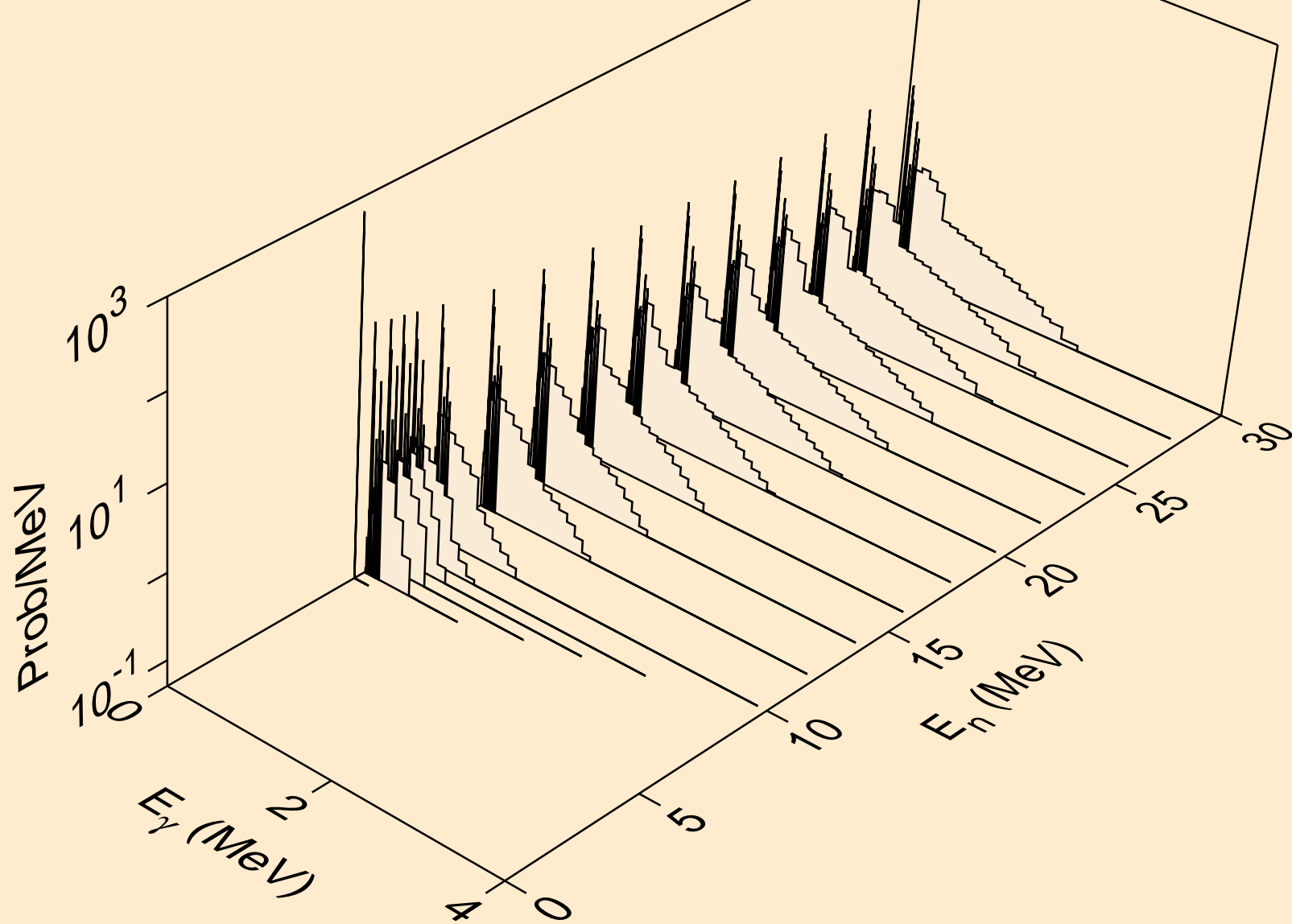


NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

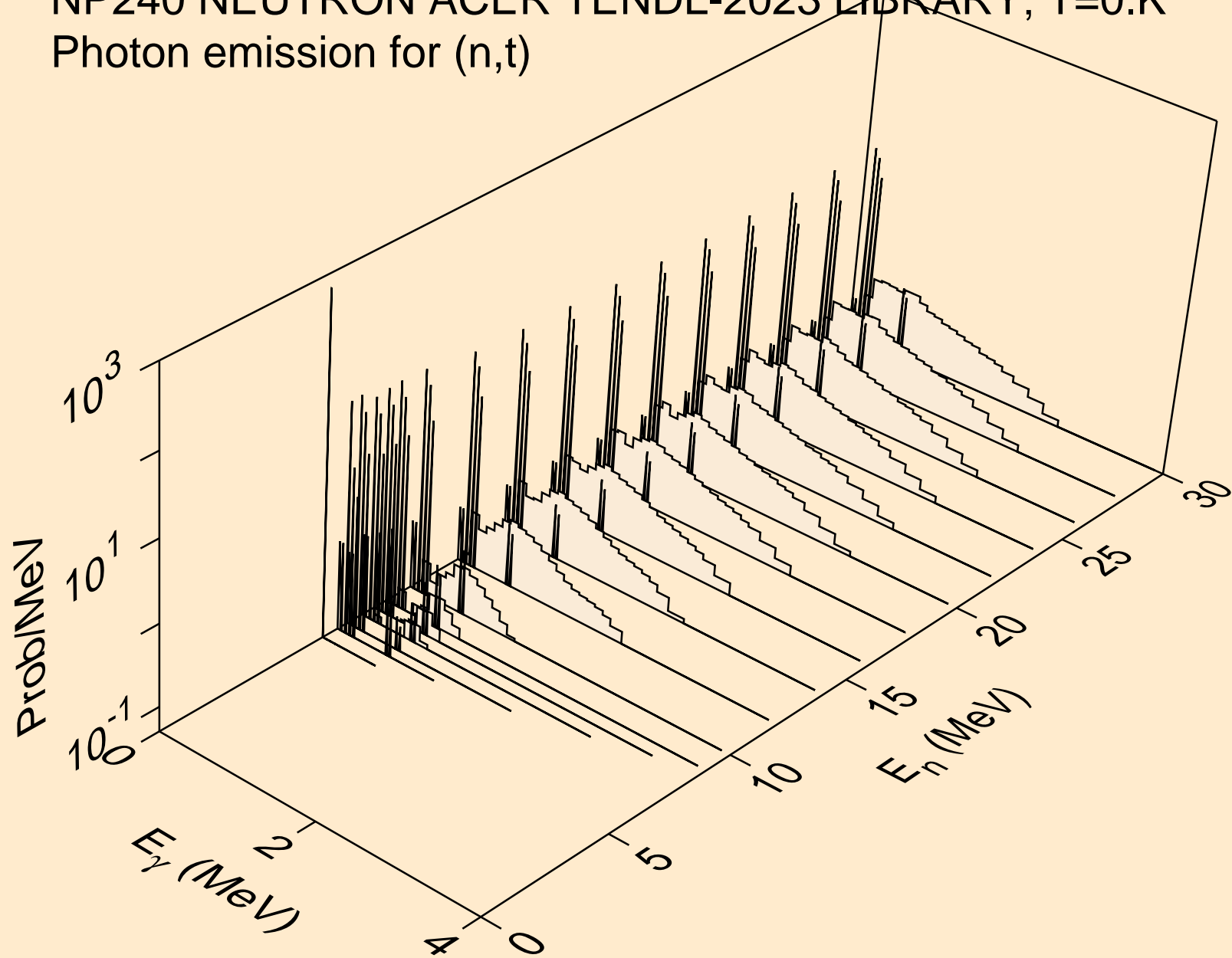




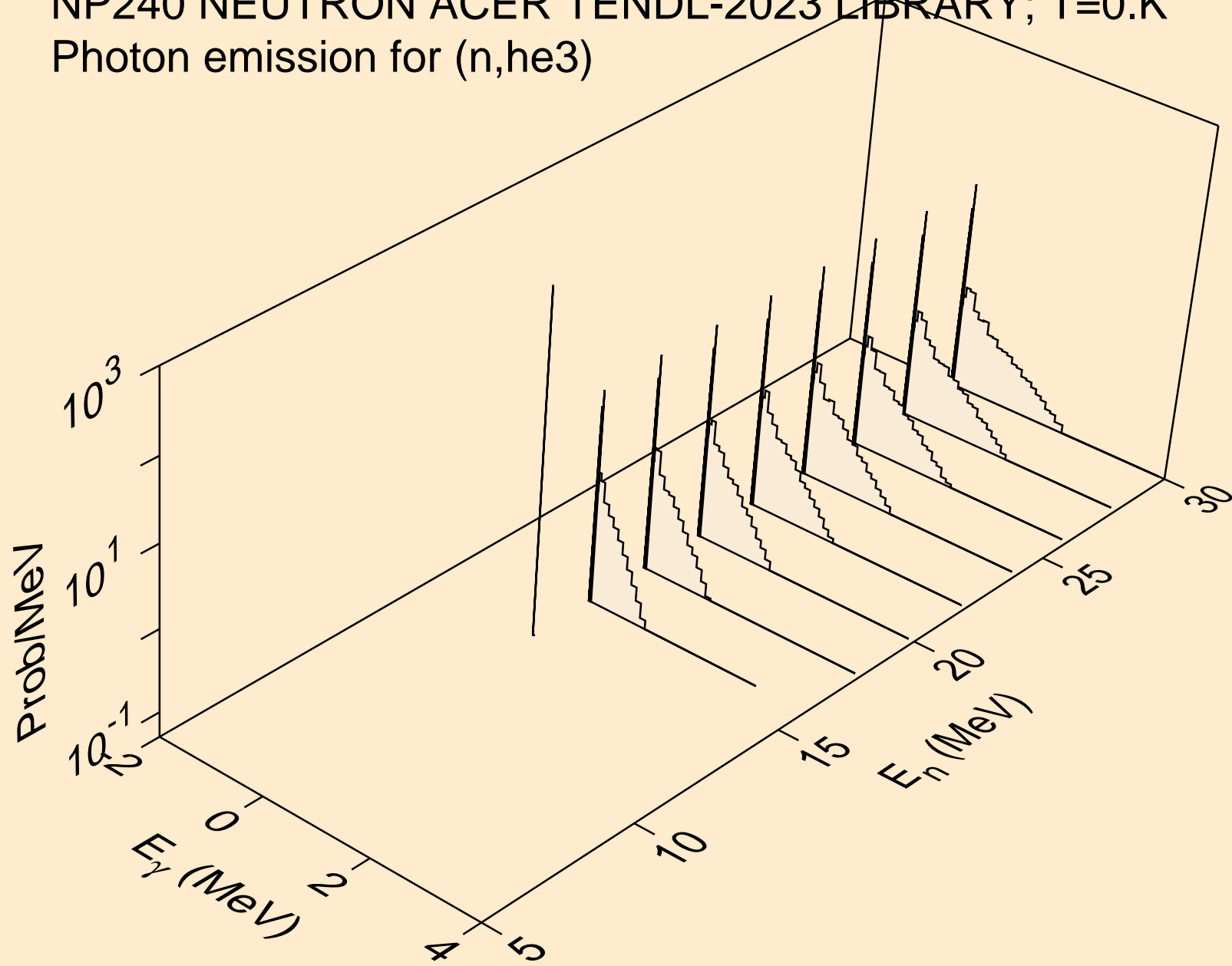
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



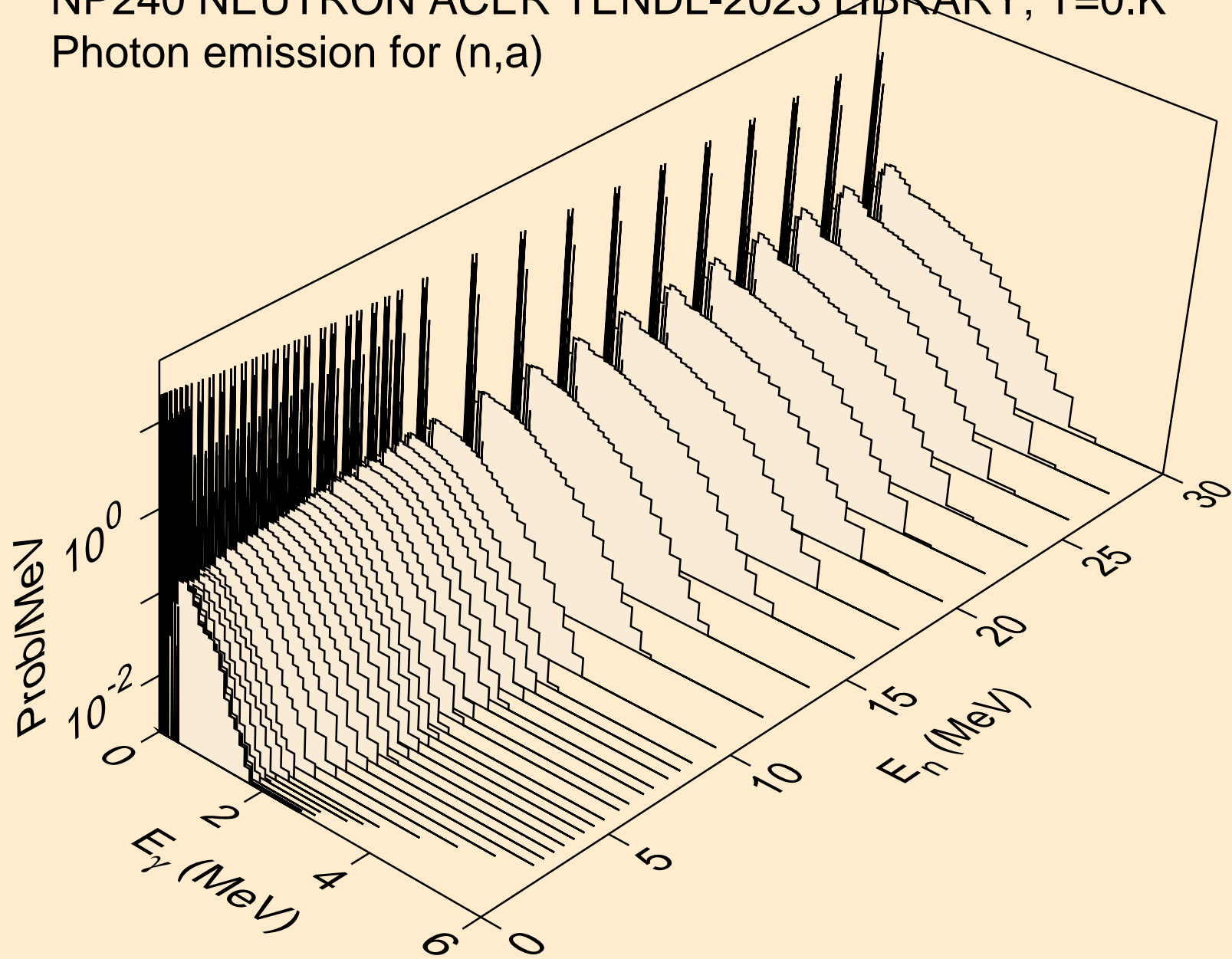
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



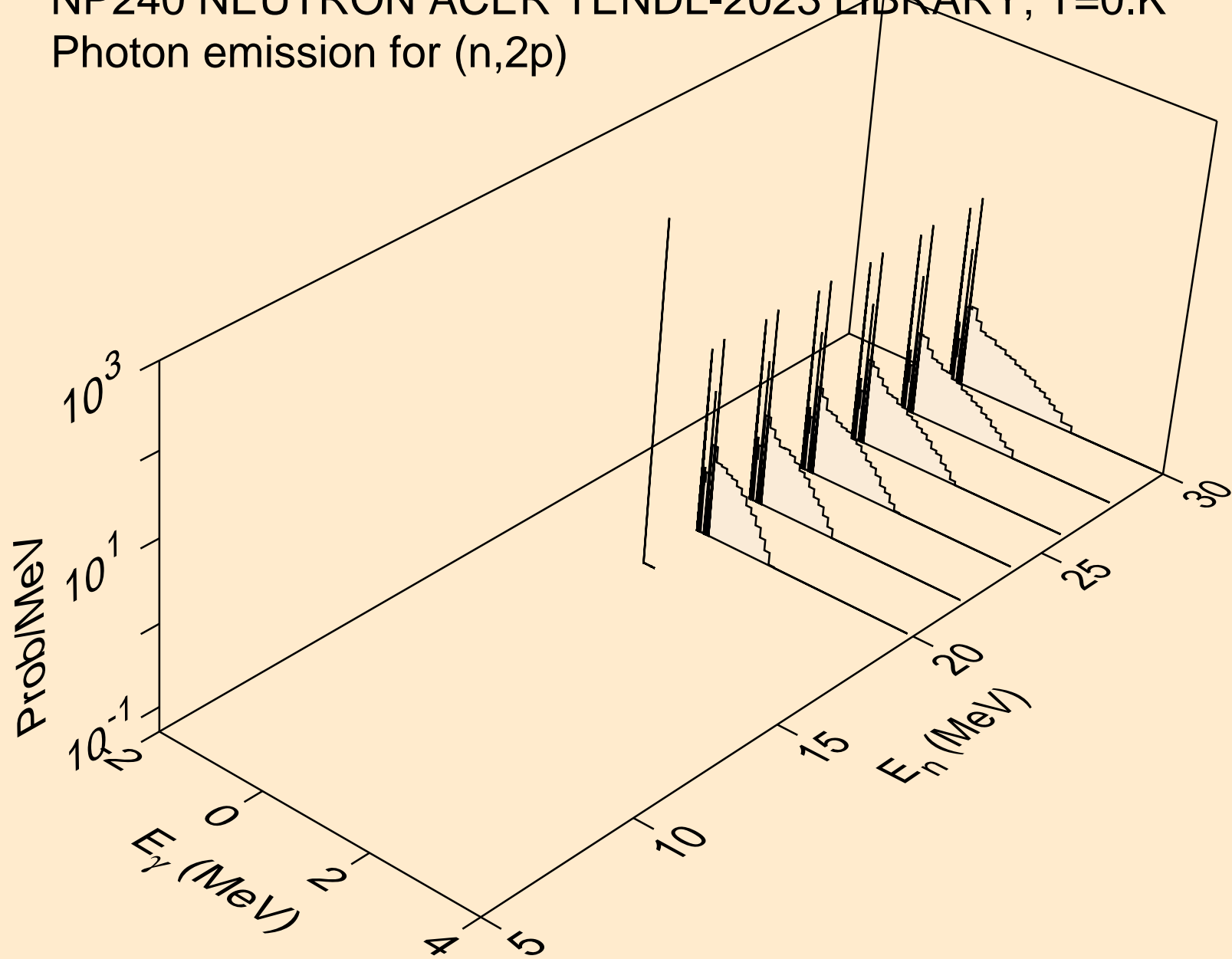
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



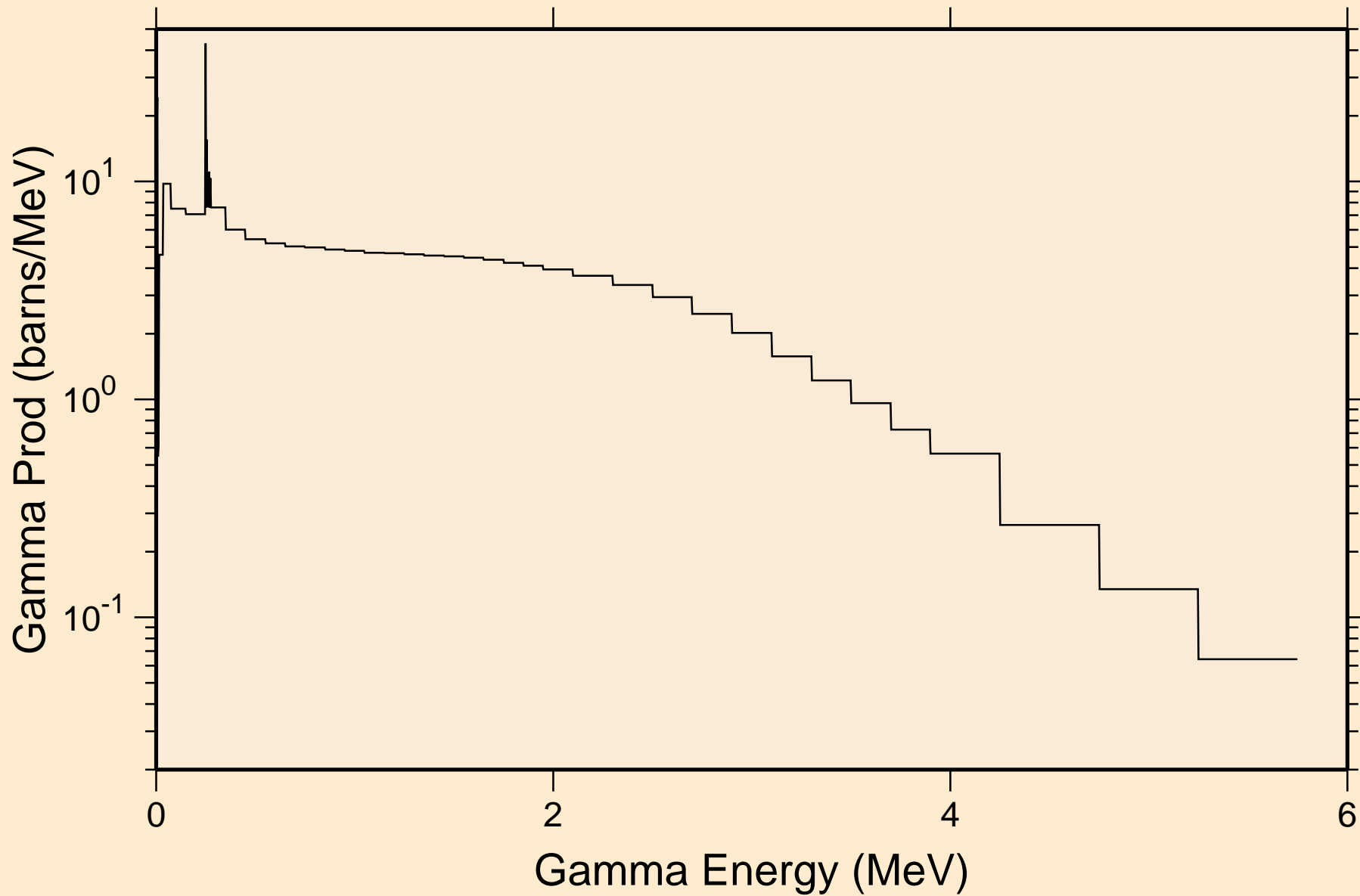
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



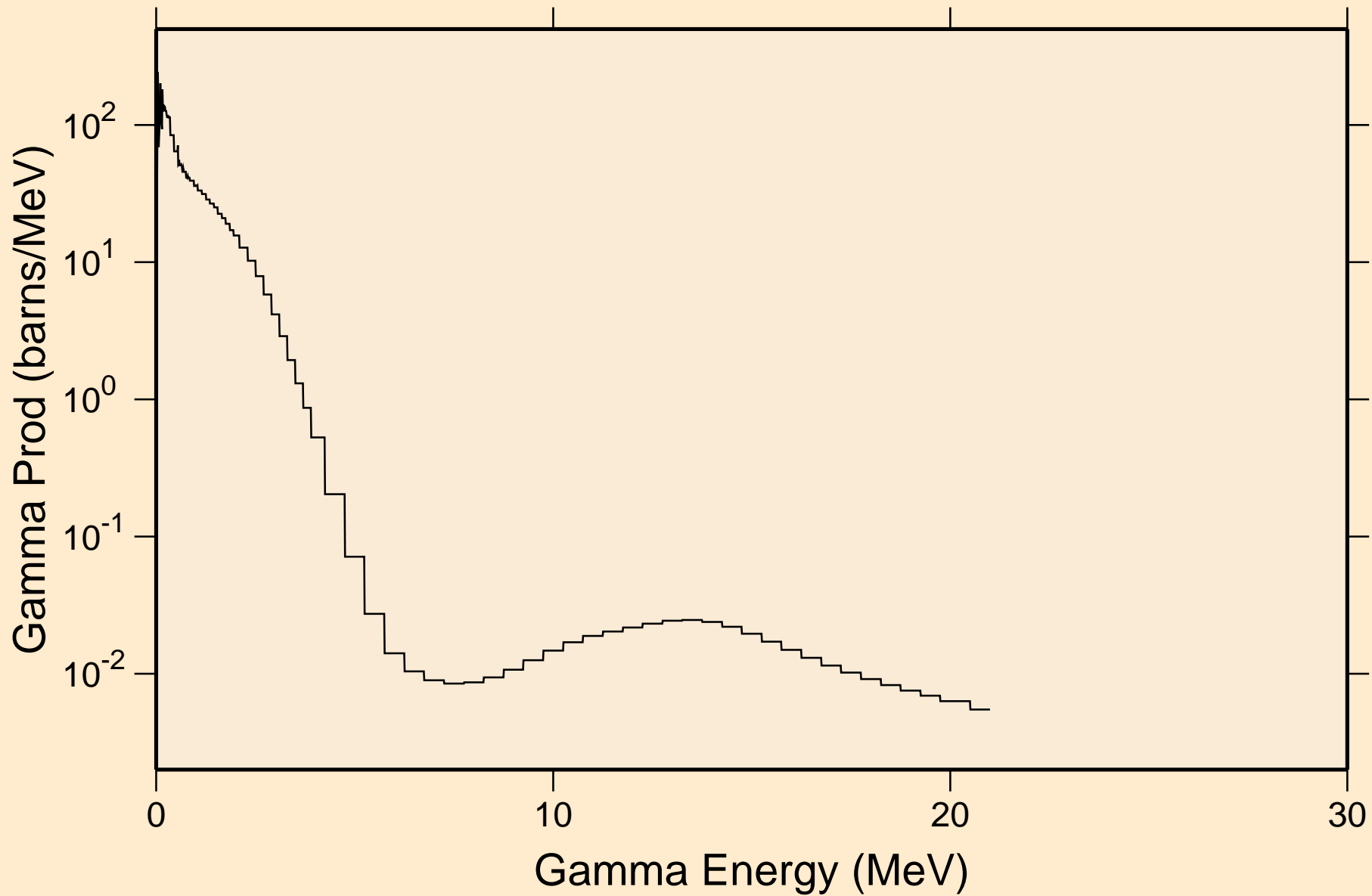
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



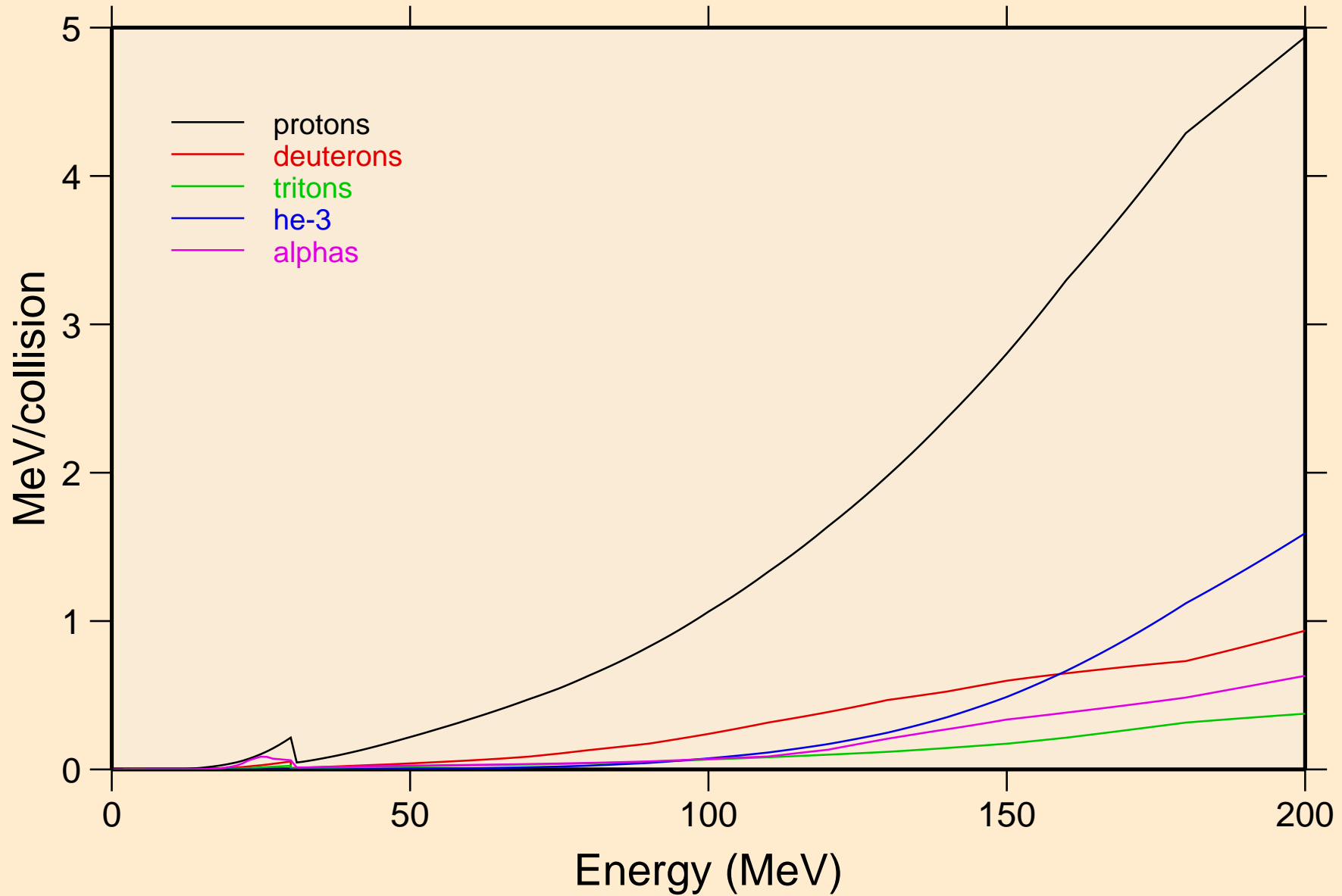
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



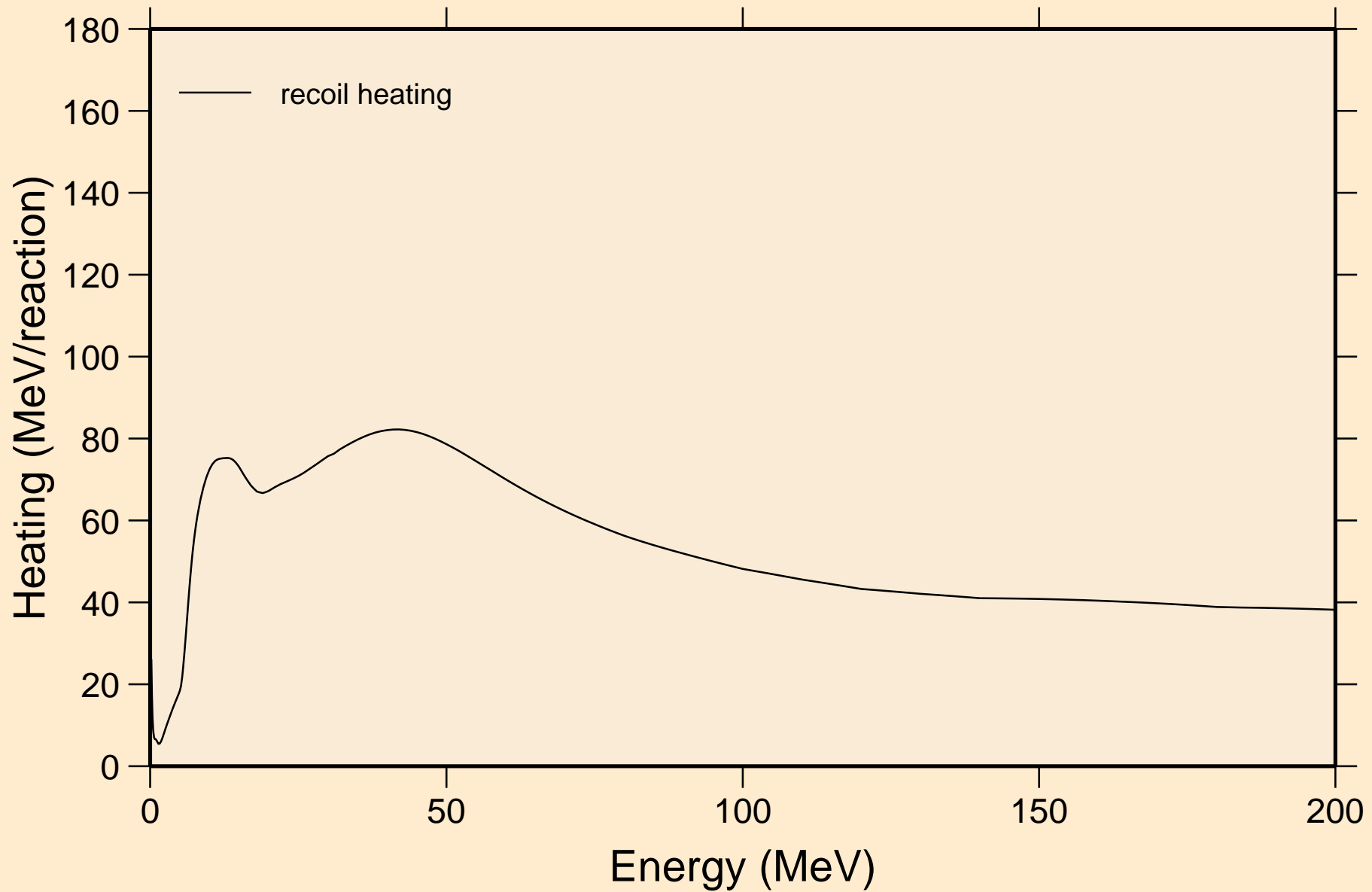
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions





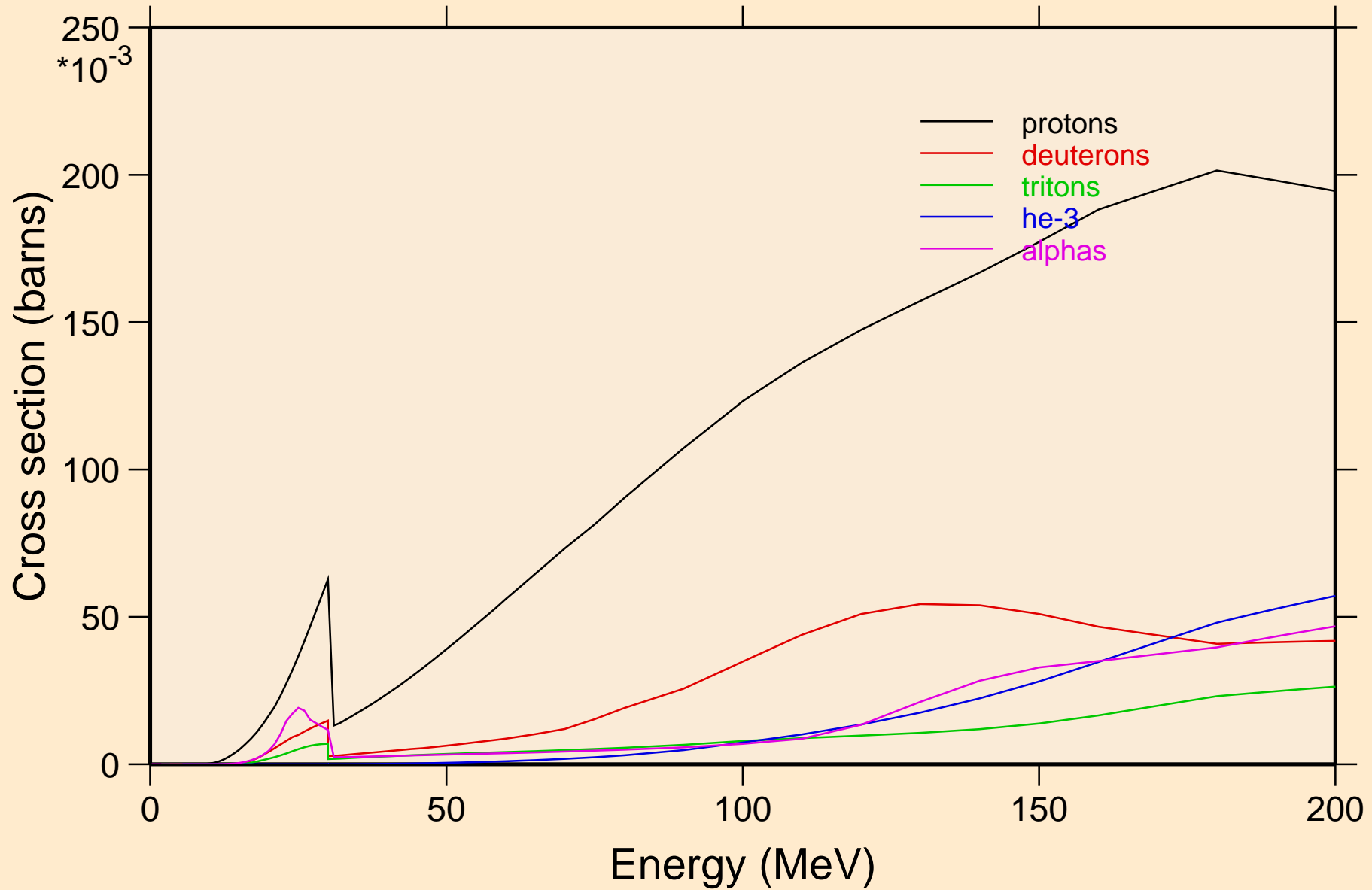
# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

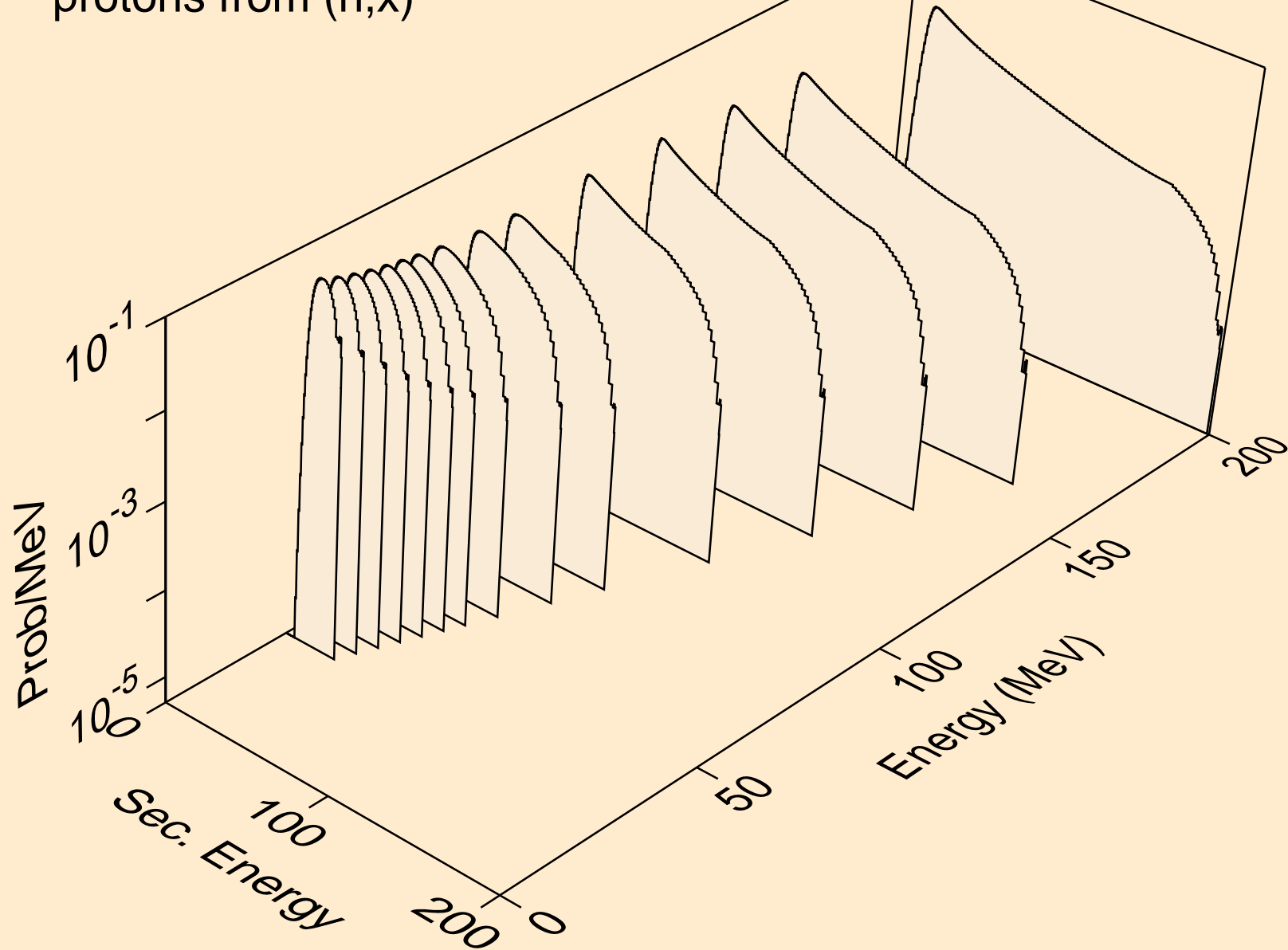


# NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

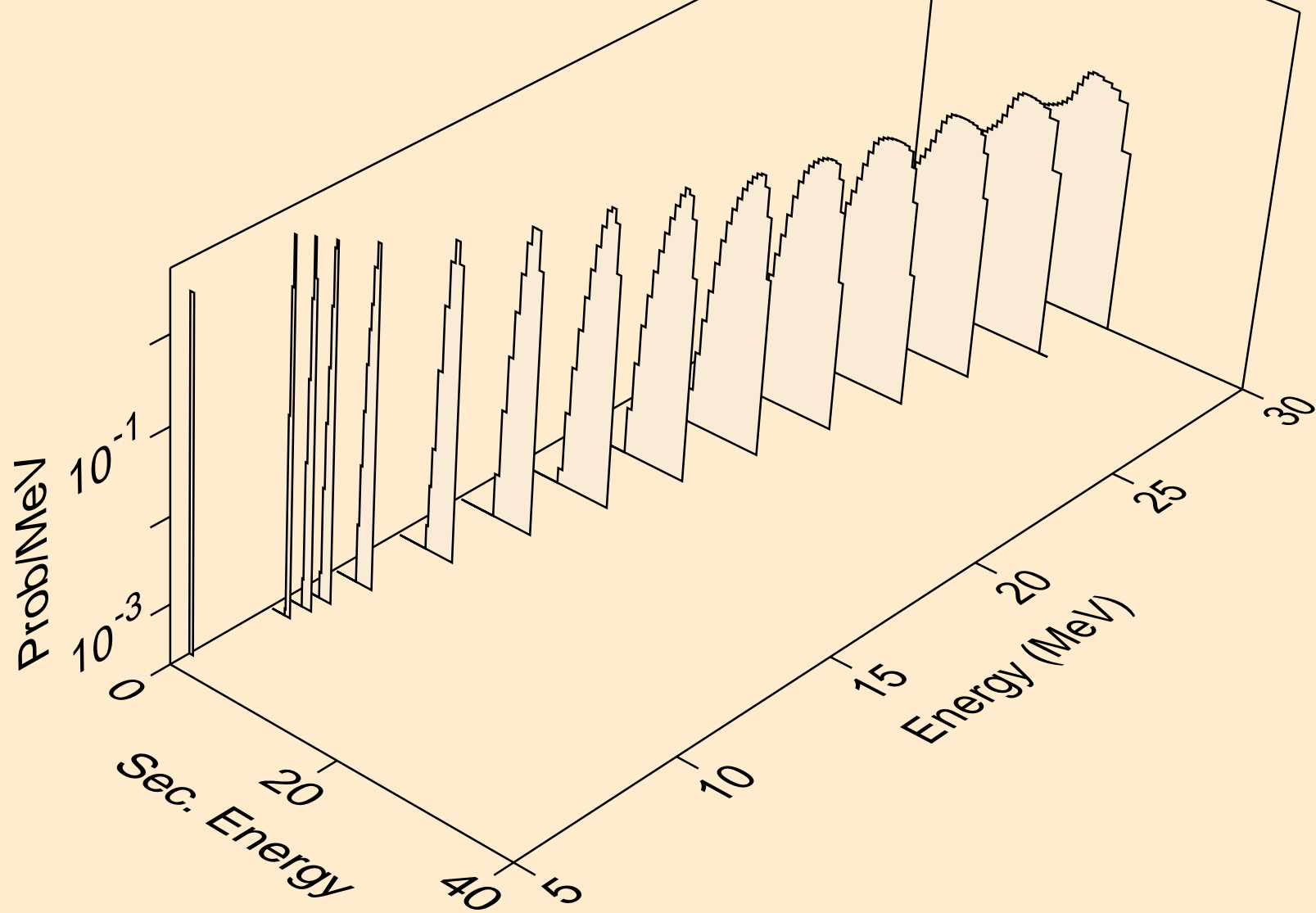
## Particle production cross sections



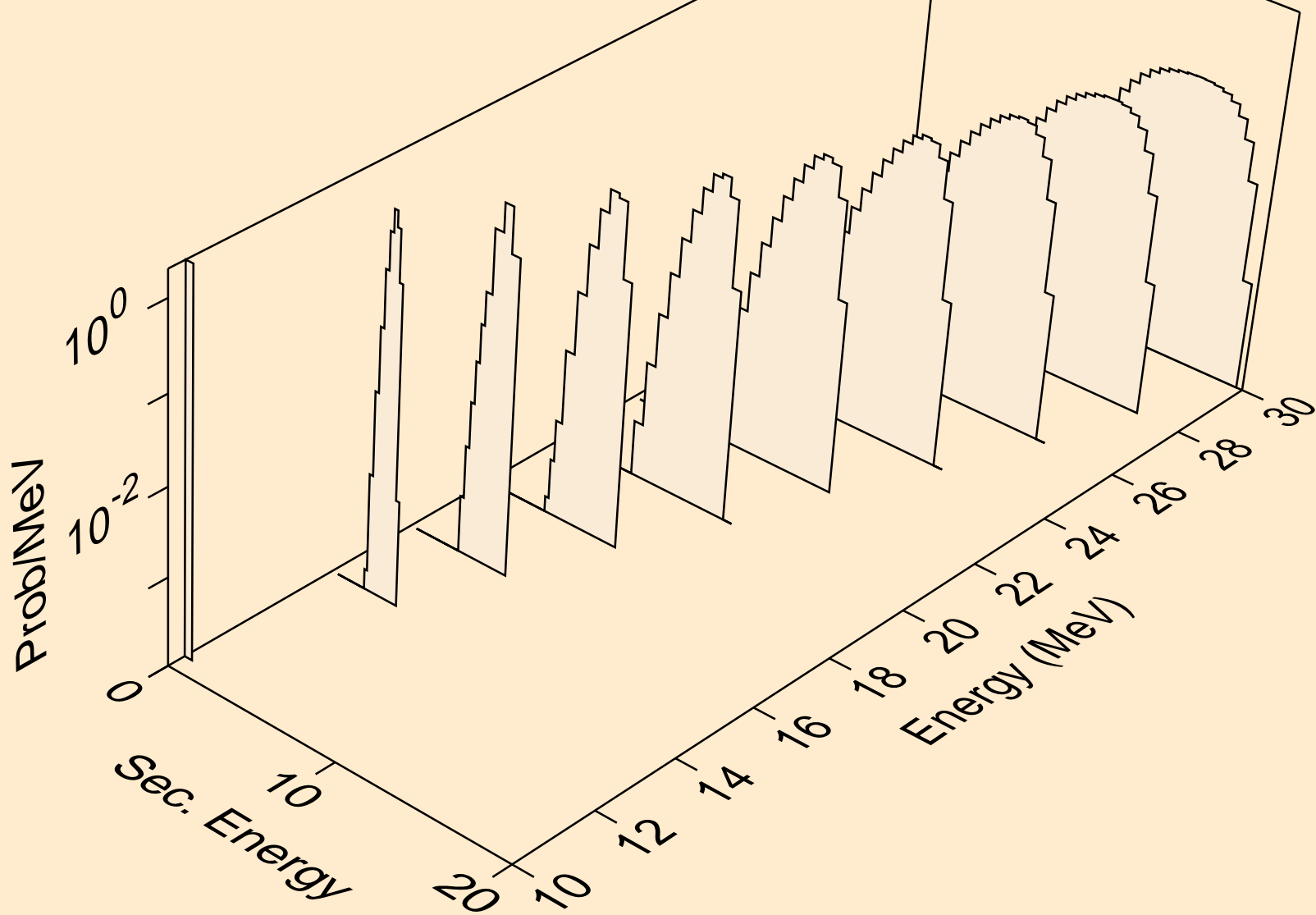
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



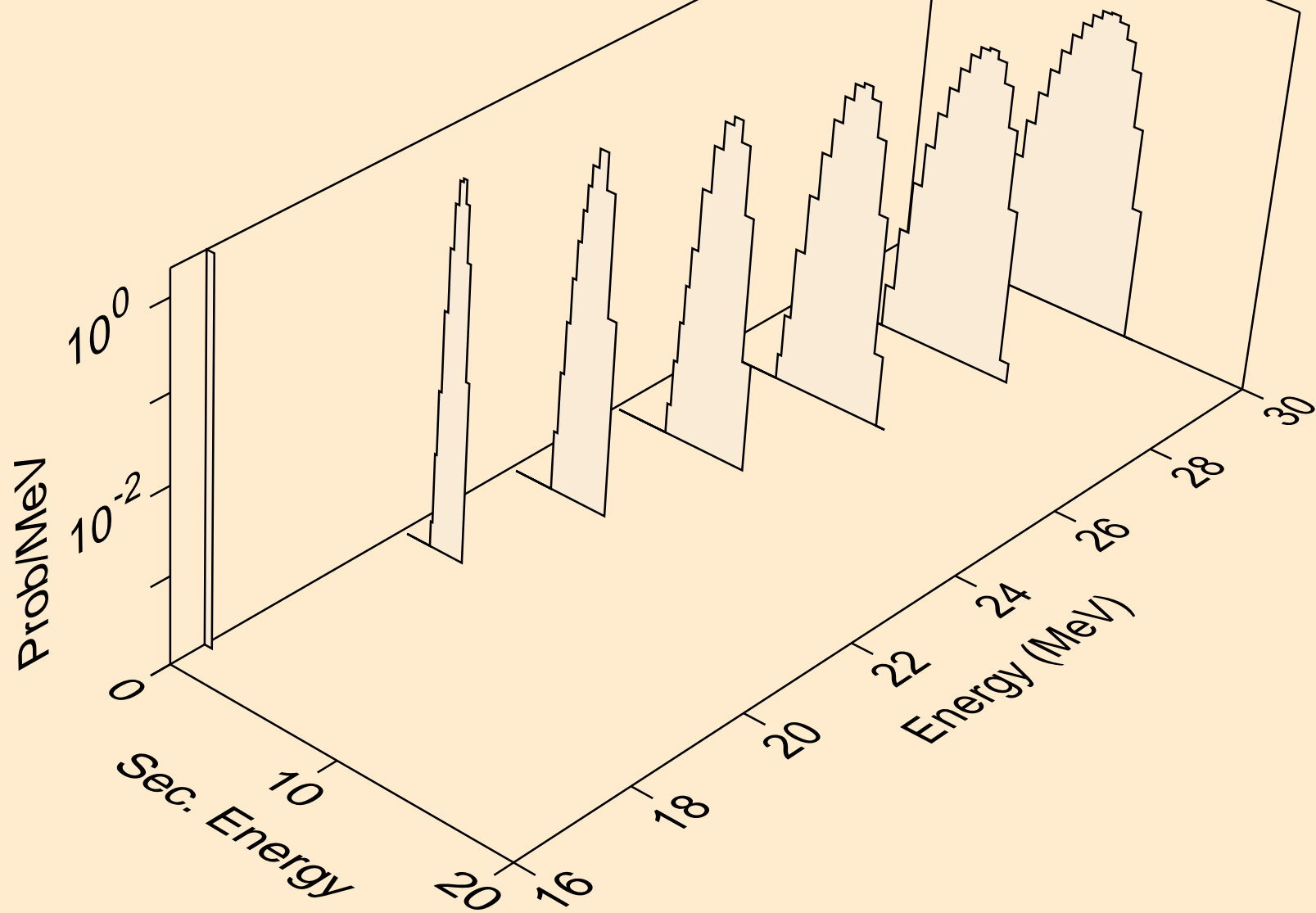
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



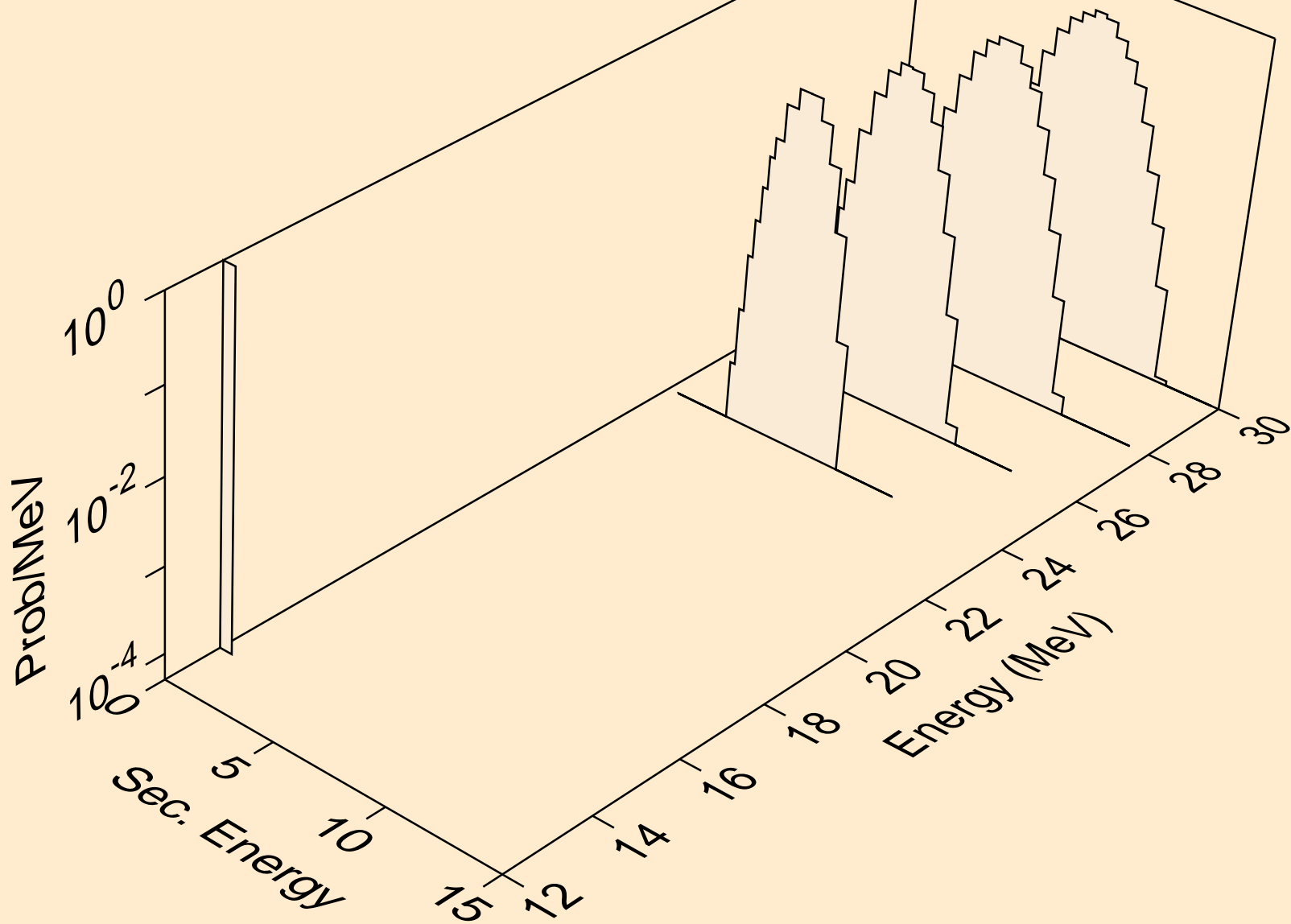
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



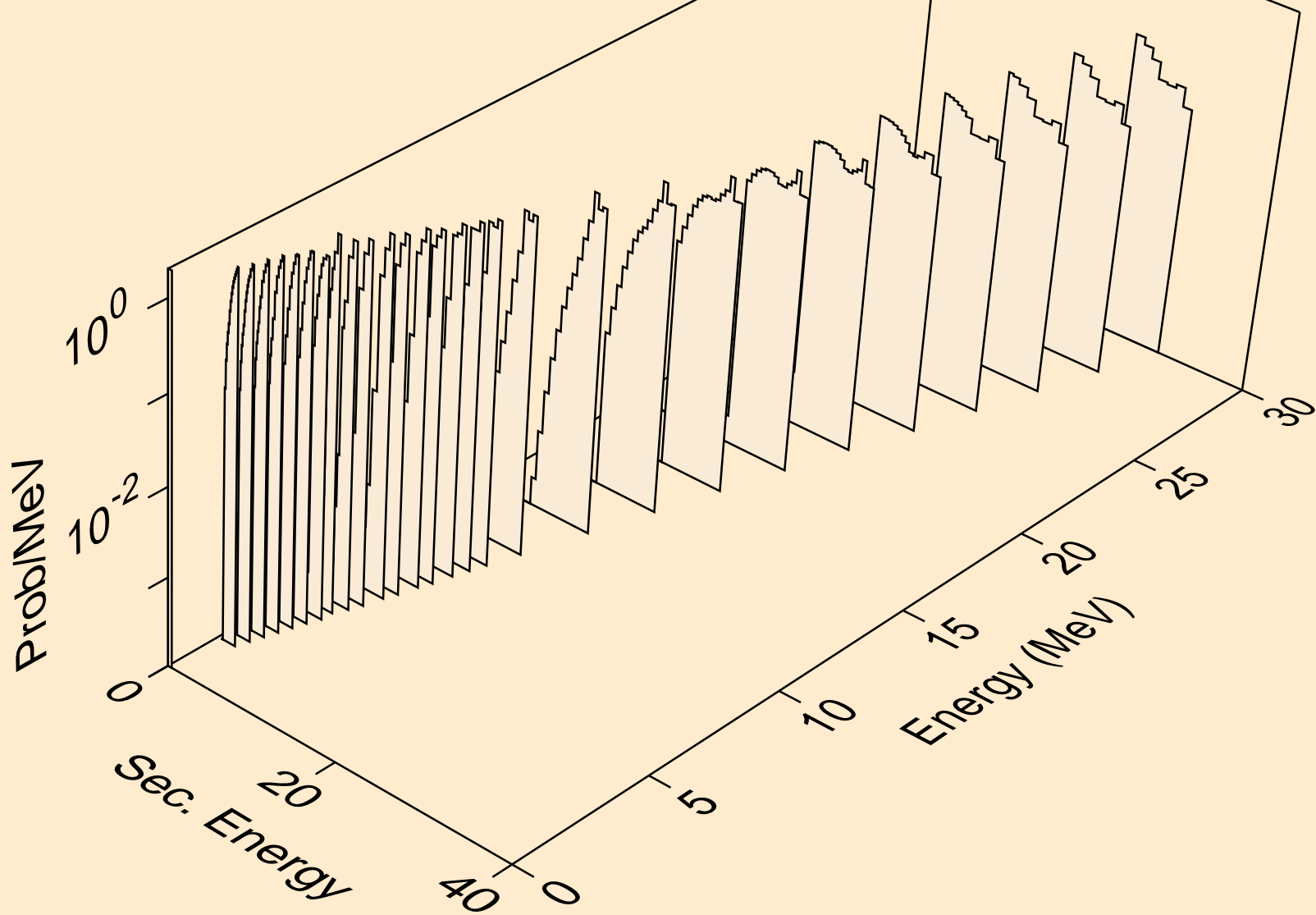
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

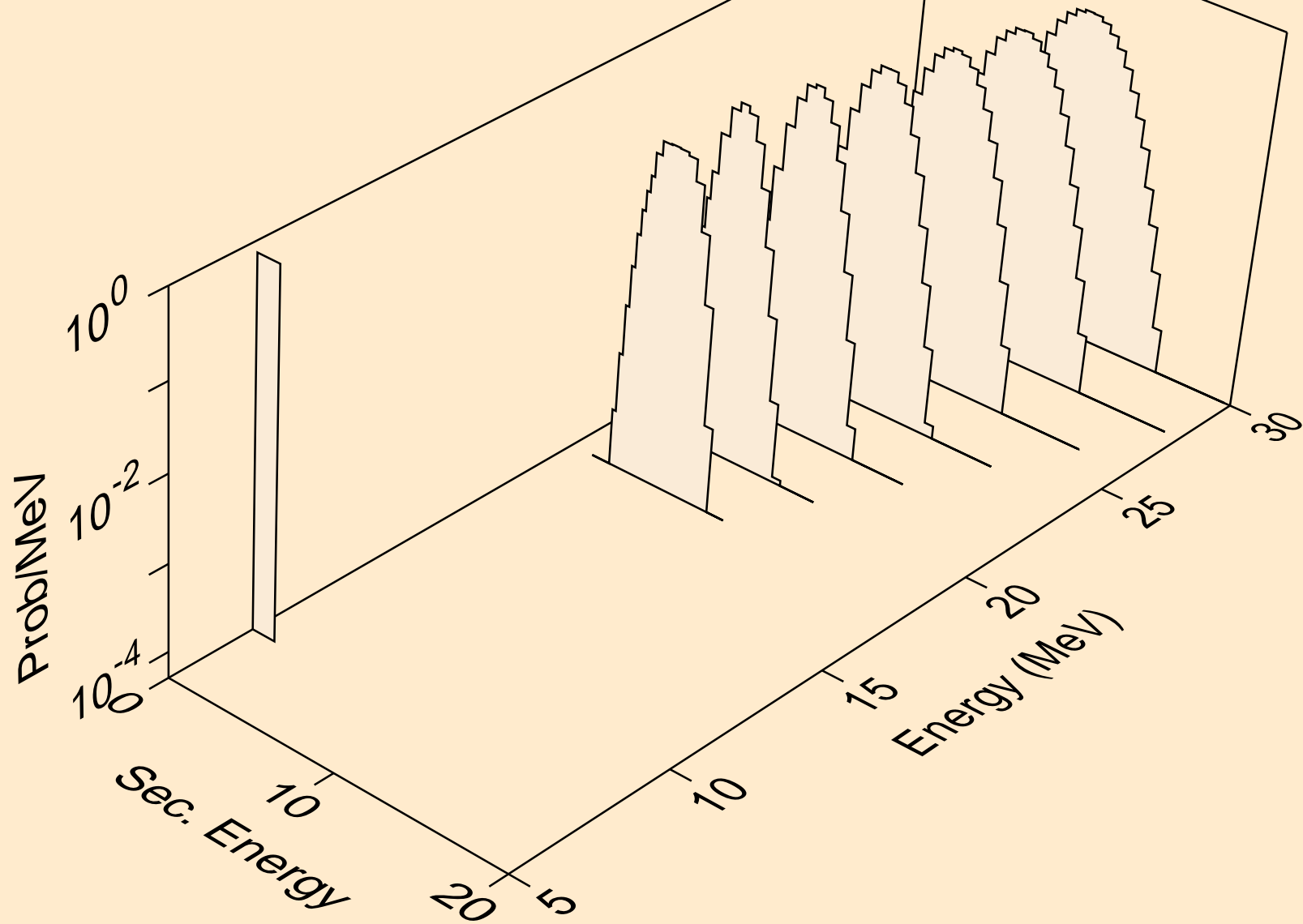


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protons from (n,p)

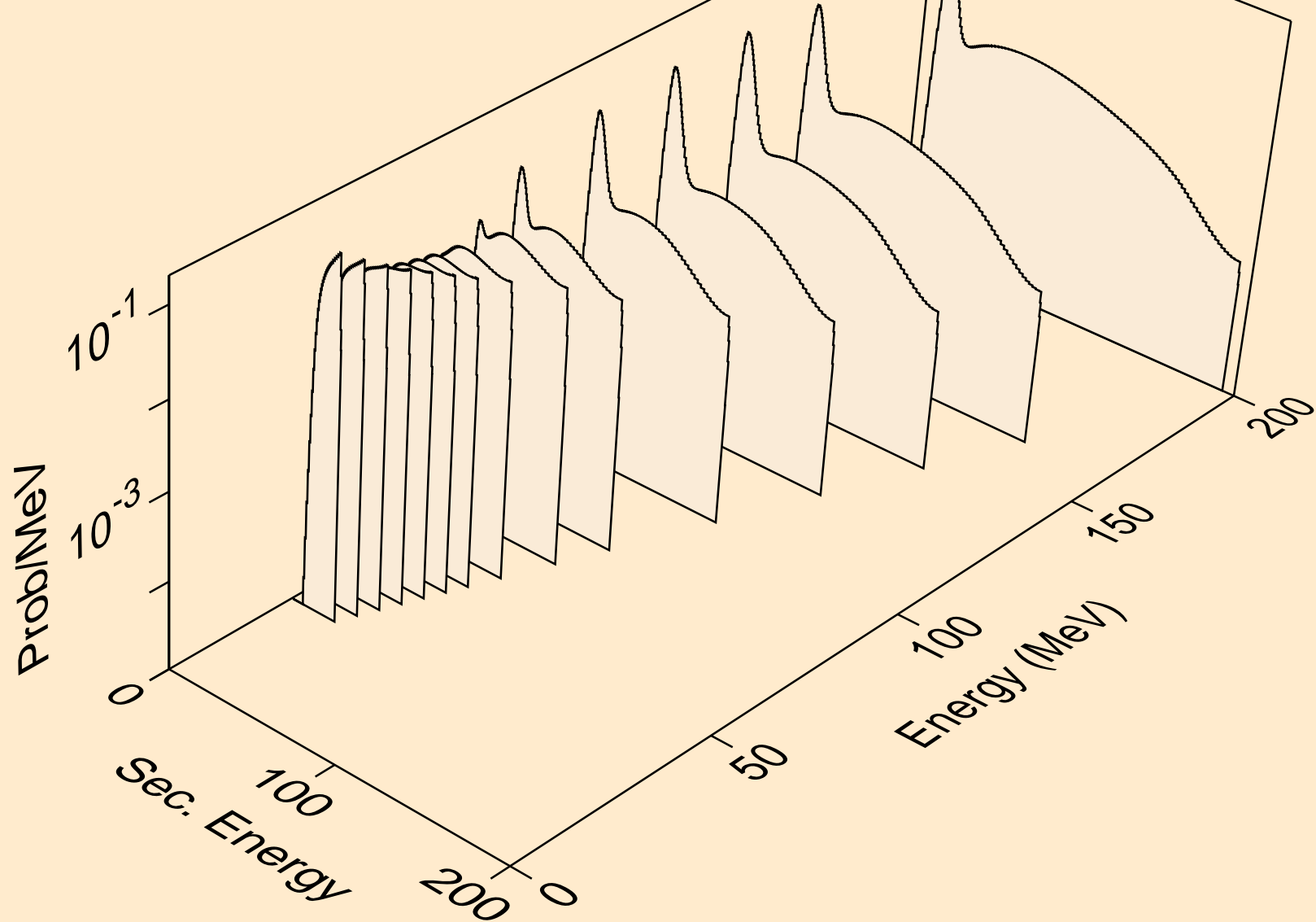




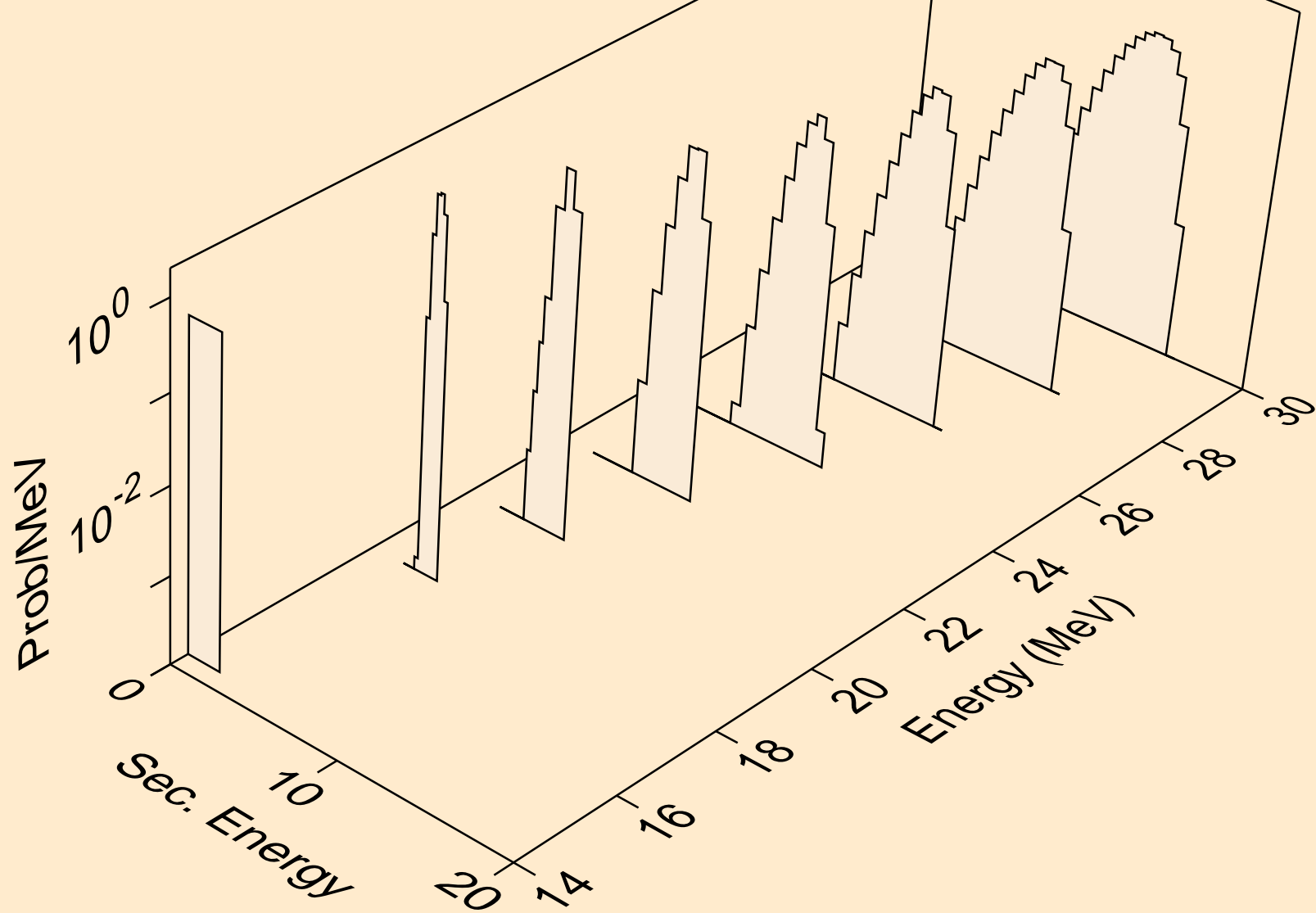
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protons from (n,2p)



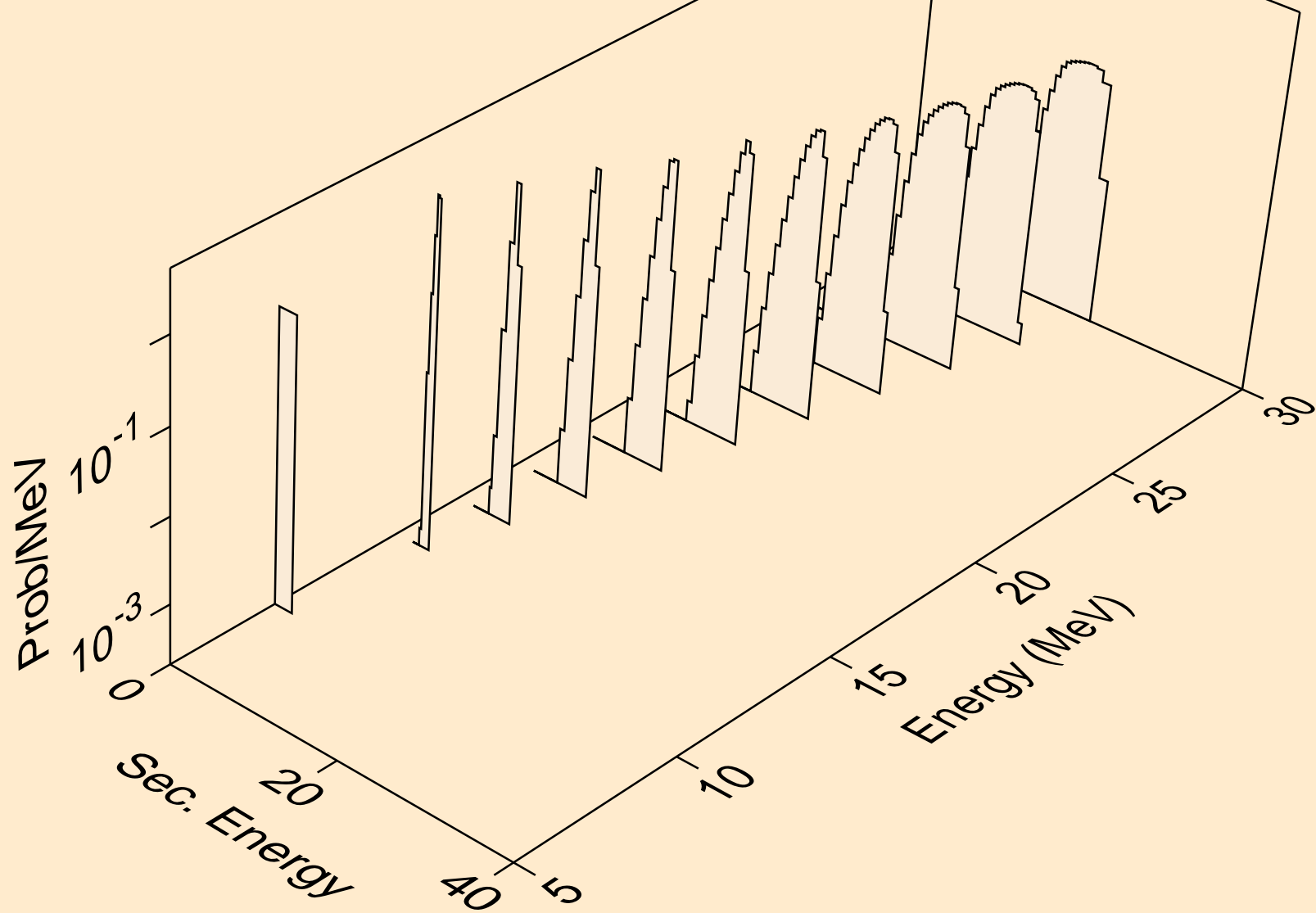
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



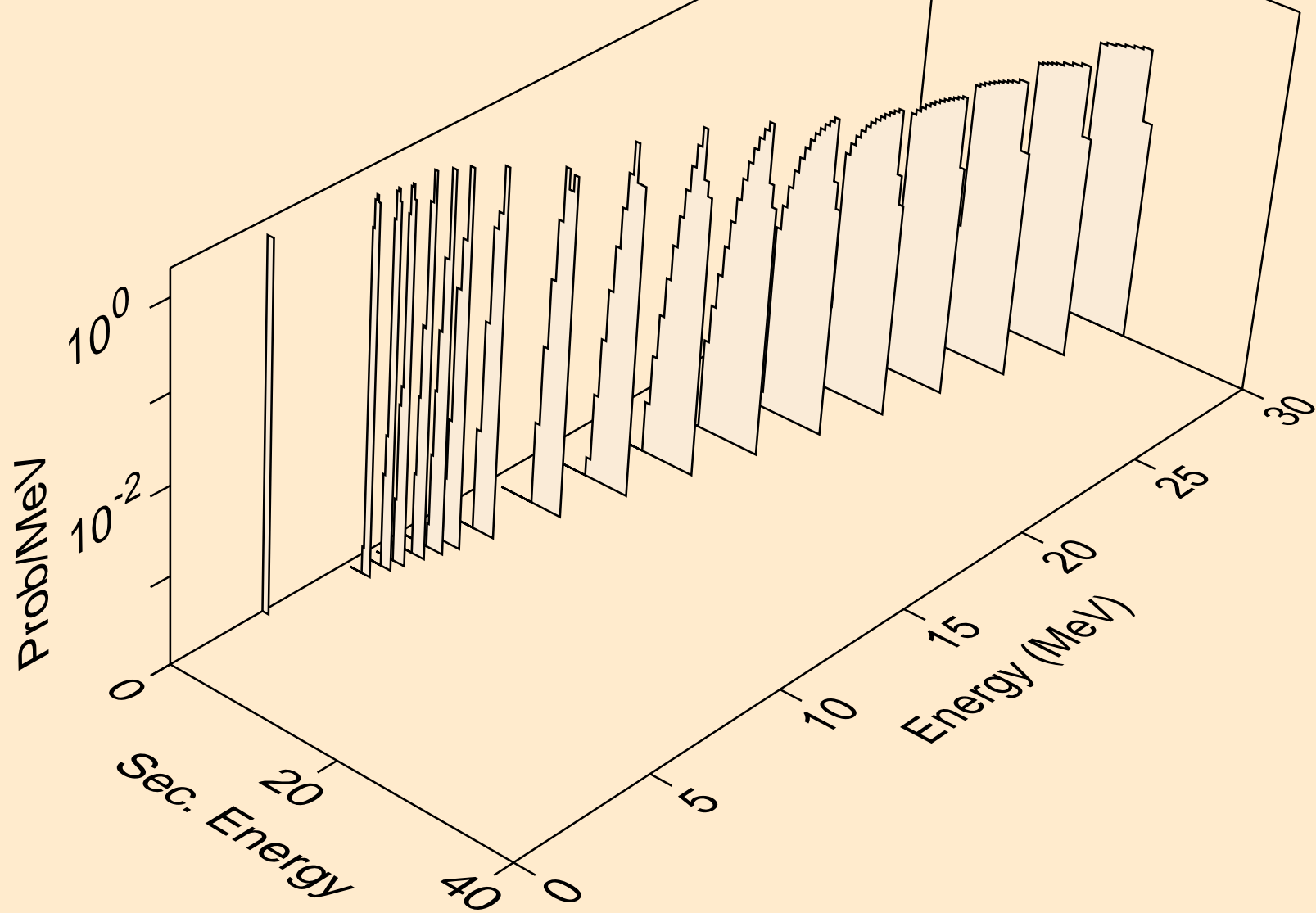
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deuterons from (n,2nd)



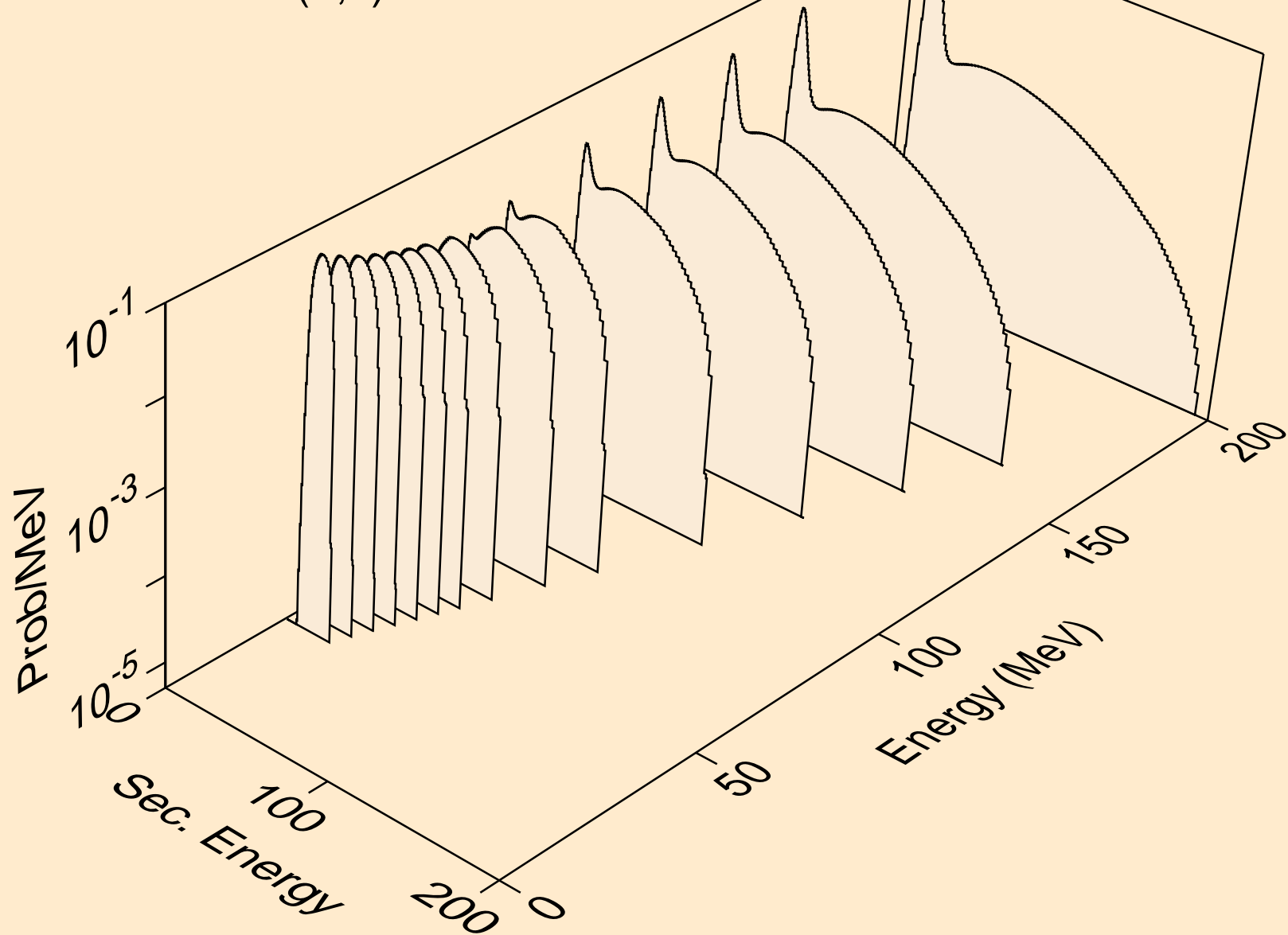
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deuterons from (n,n\*)d



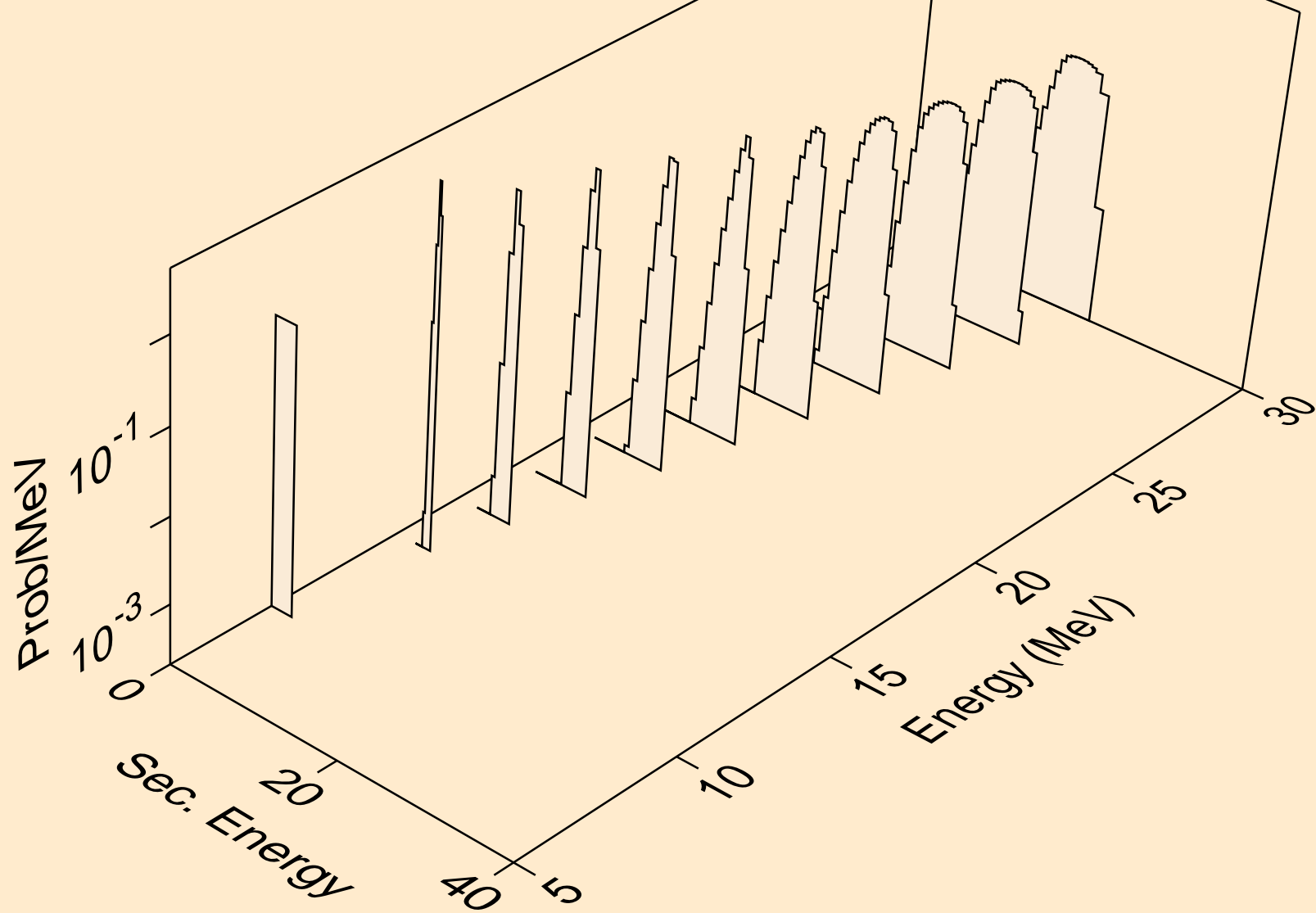
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



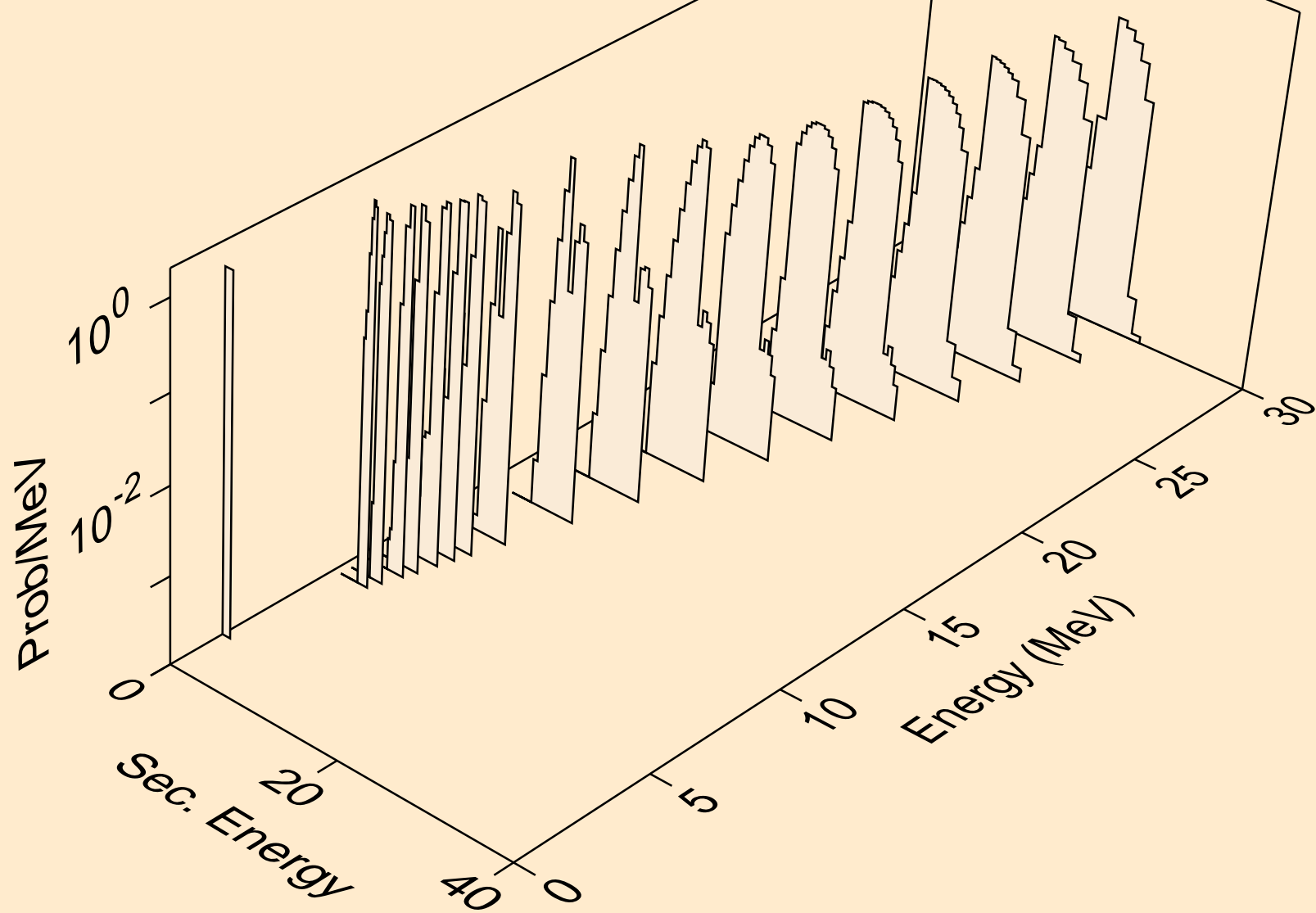
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

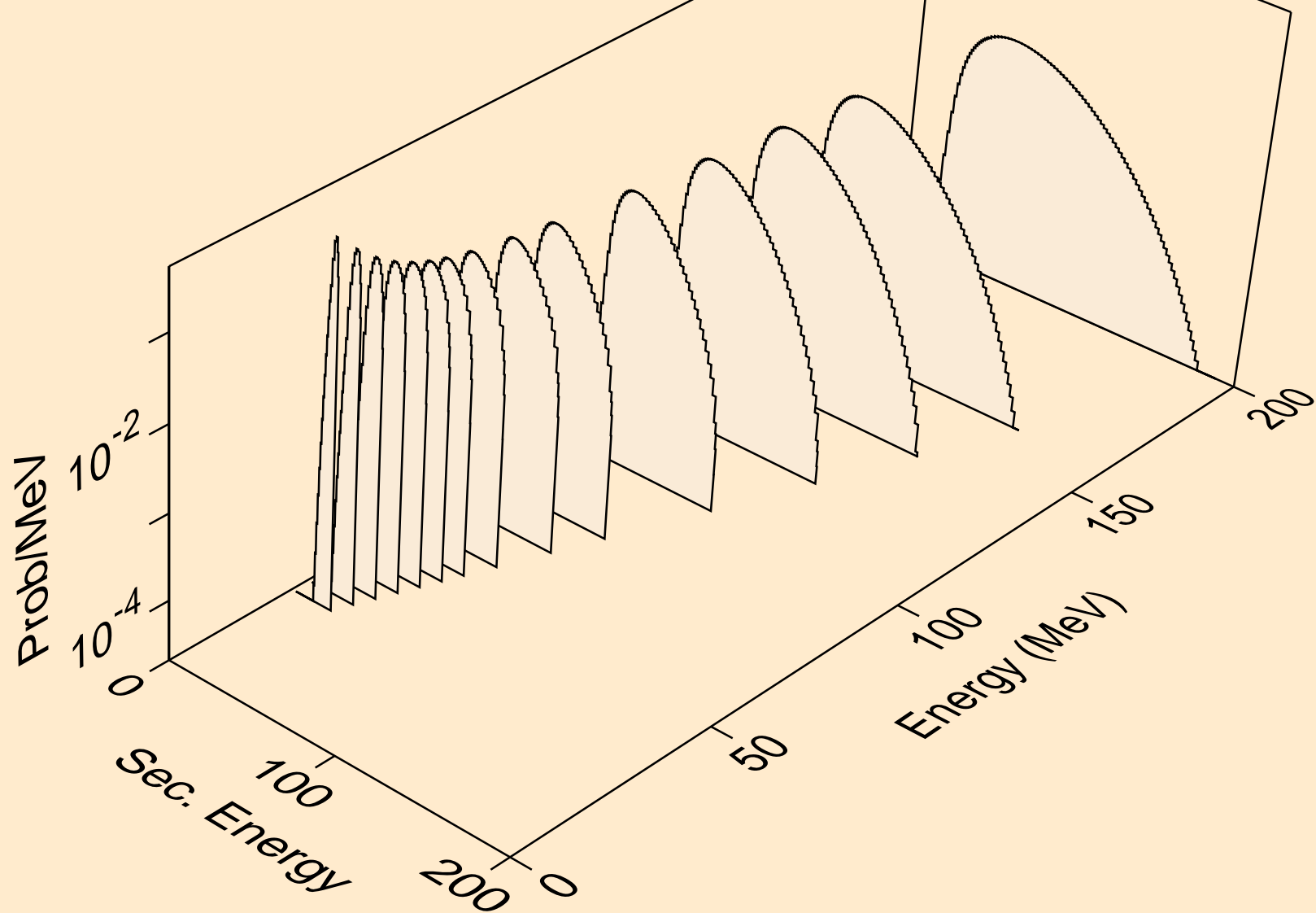


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tritons from (n,t)

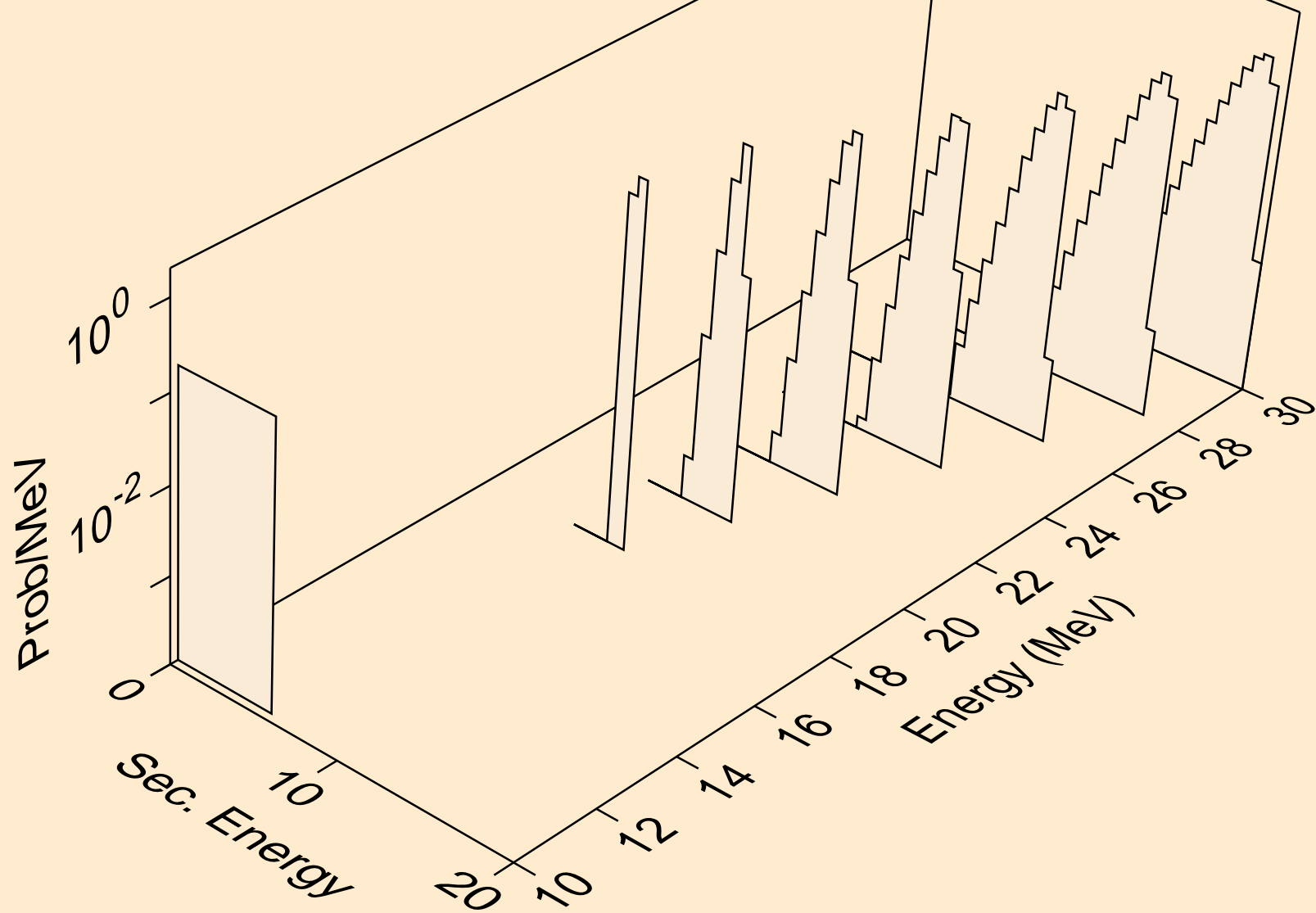




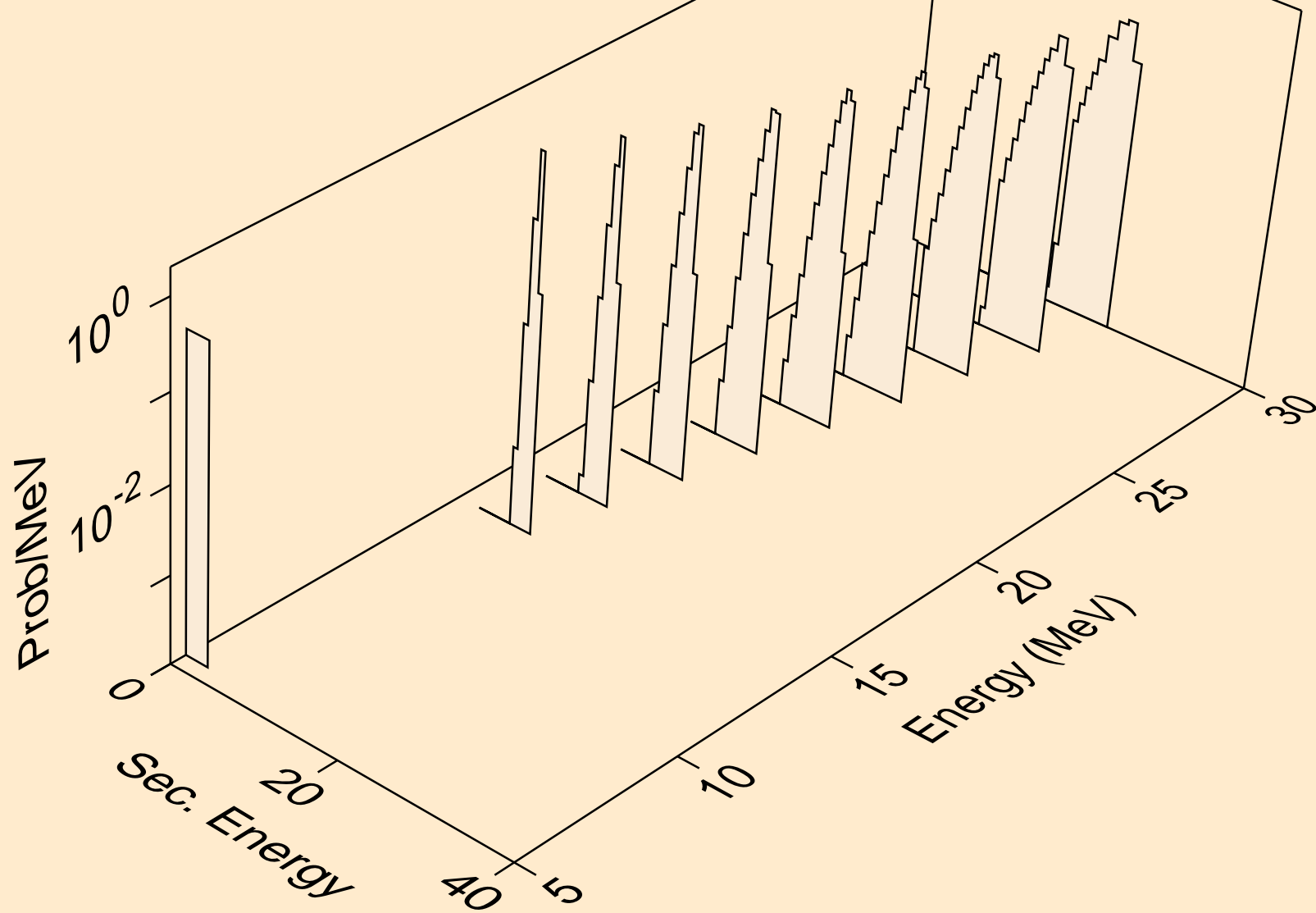
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



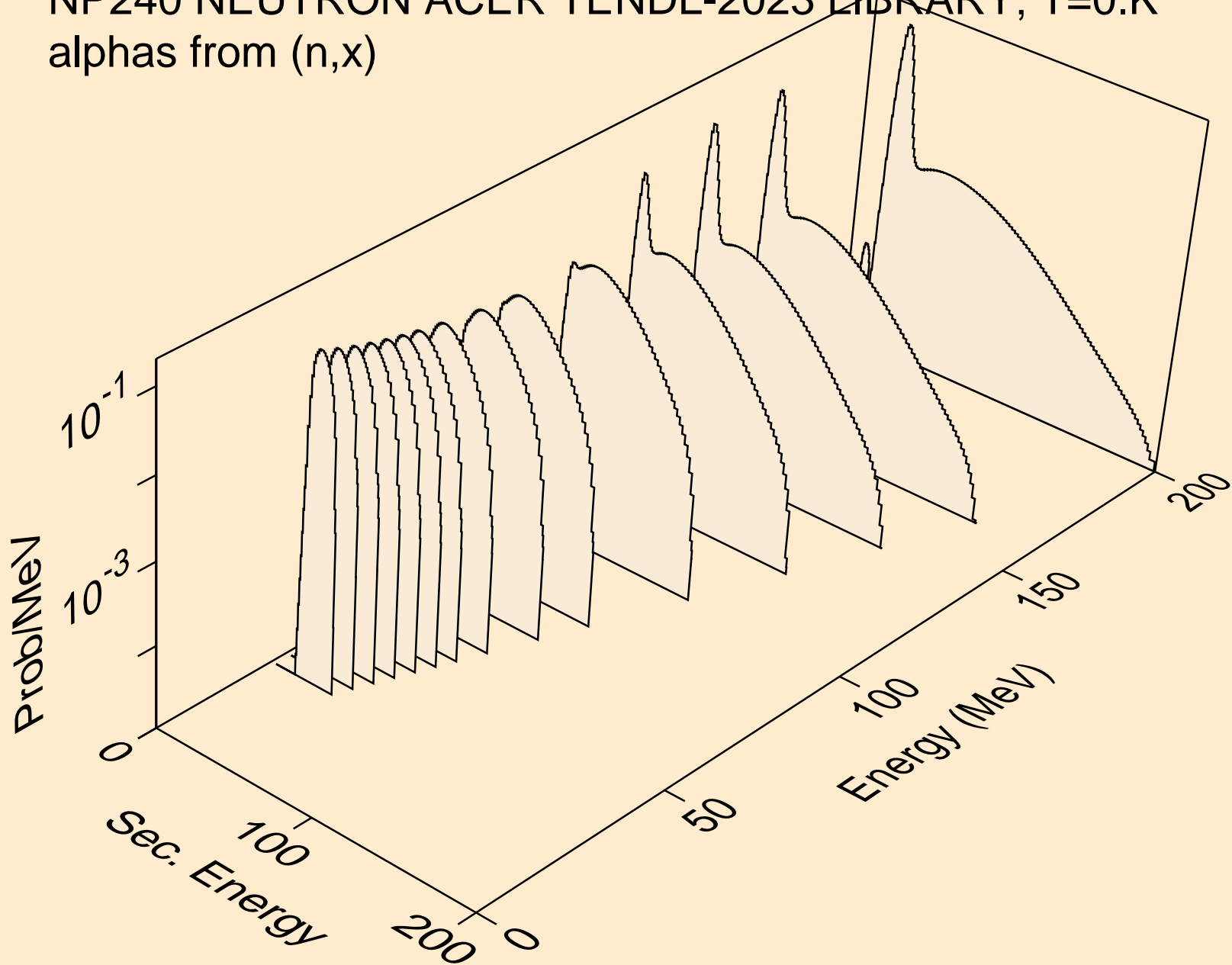
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



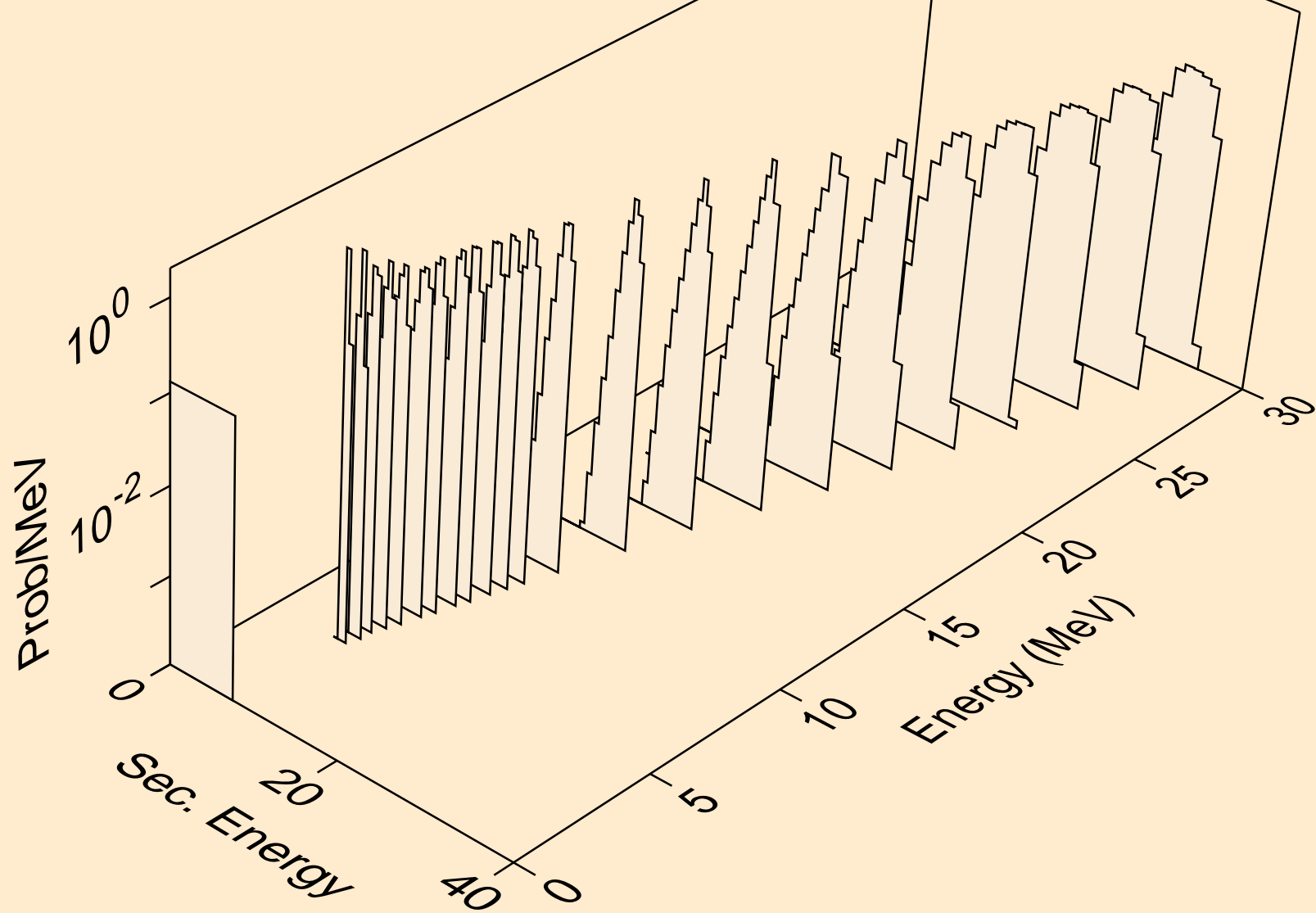
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



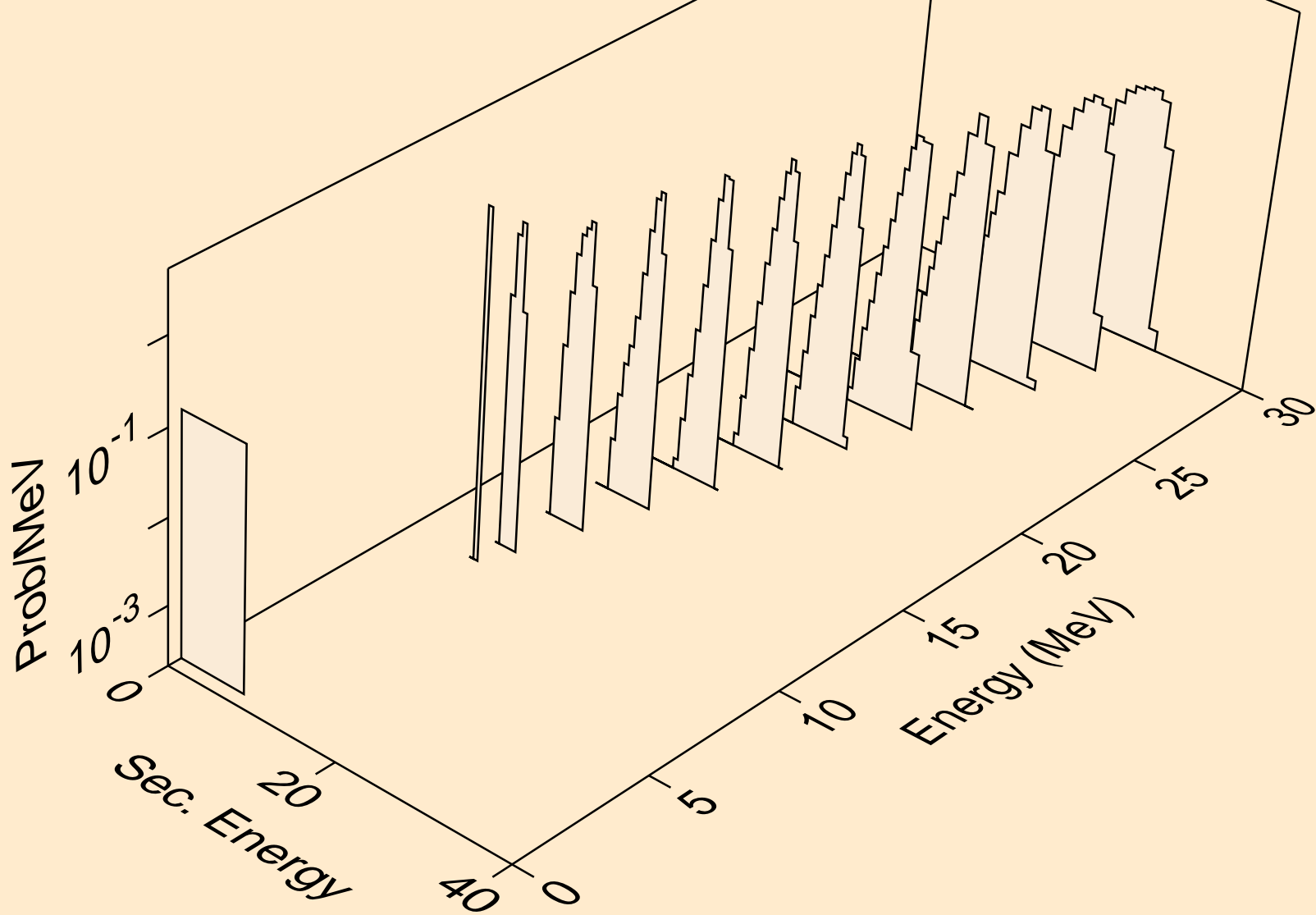
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



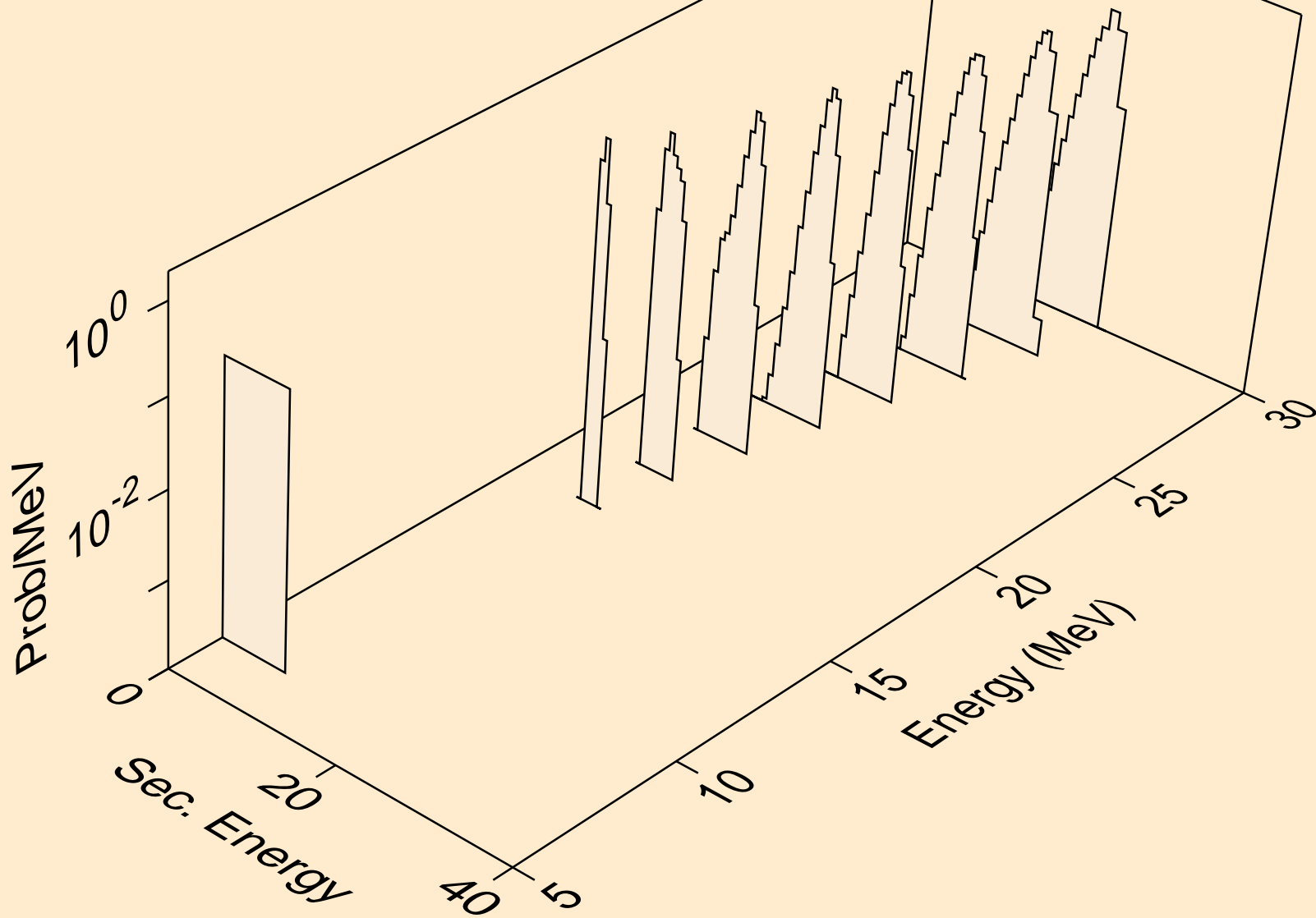
NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



NP240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

