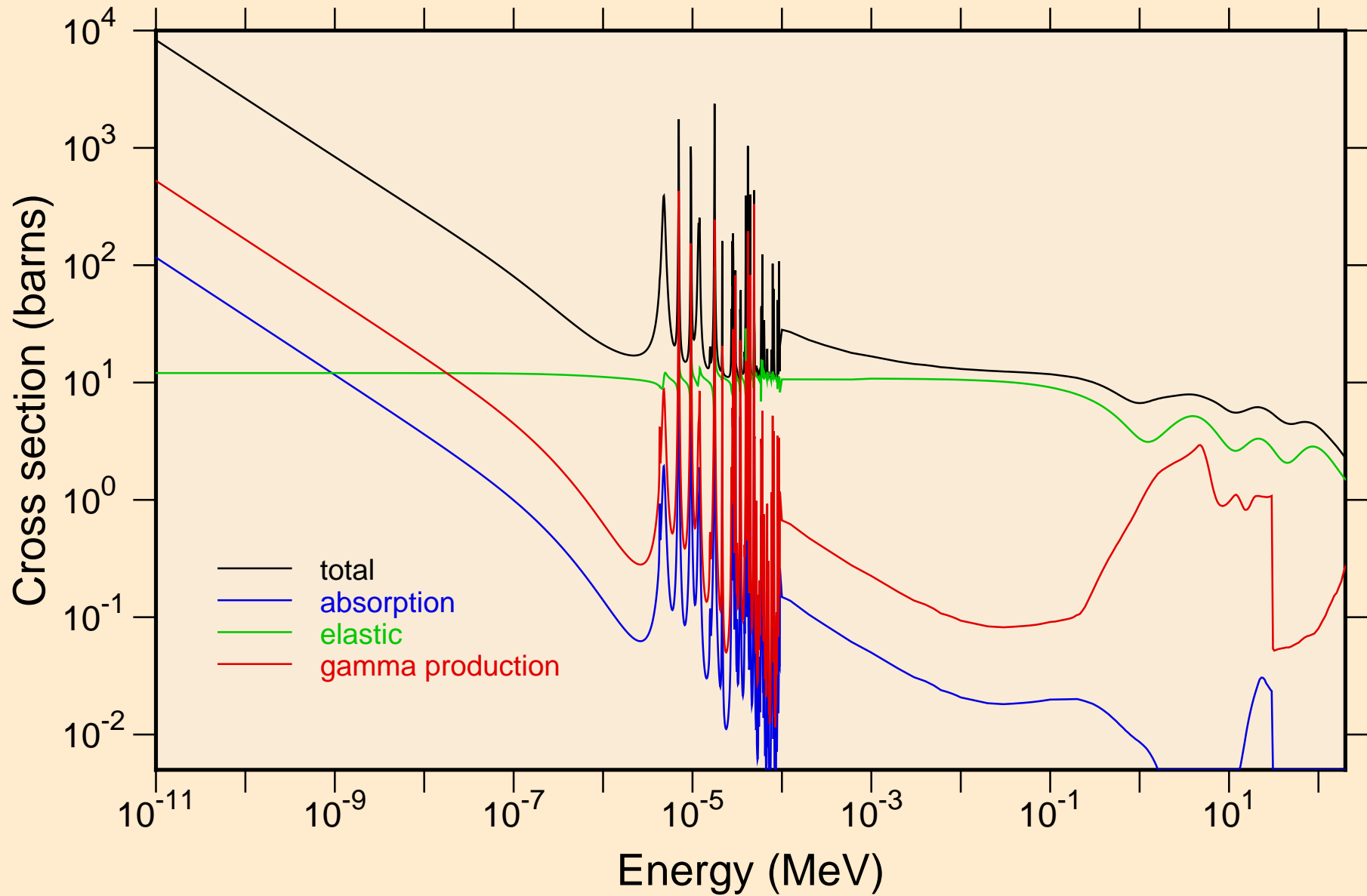
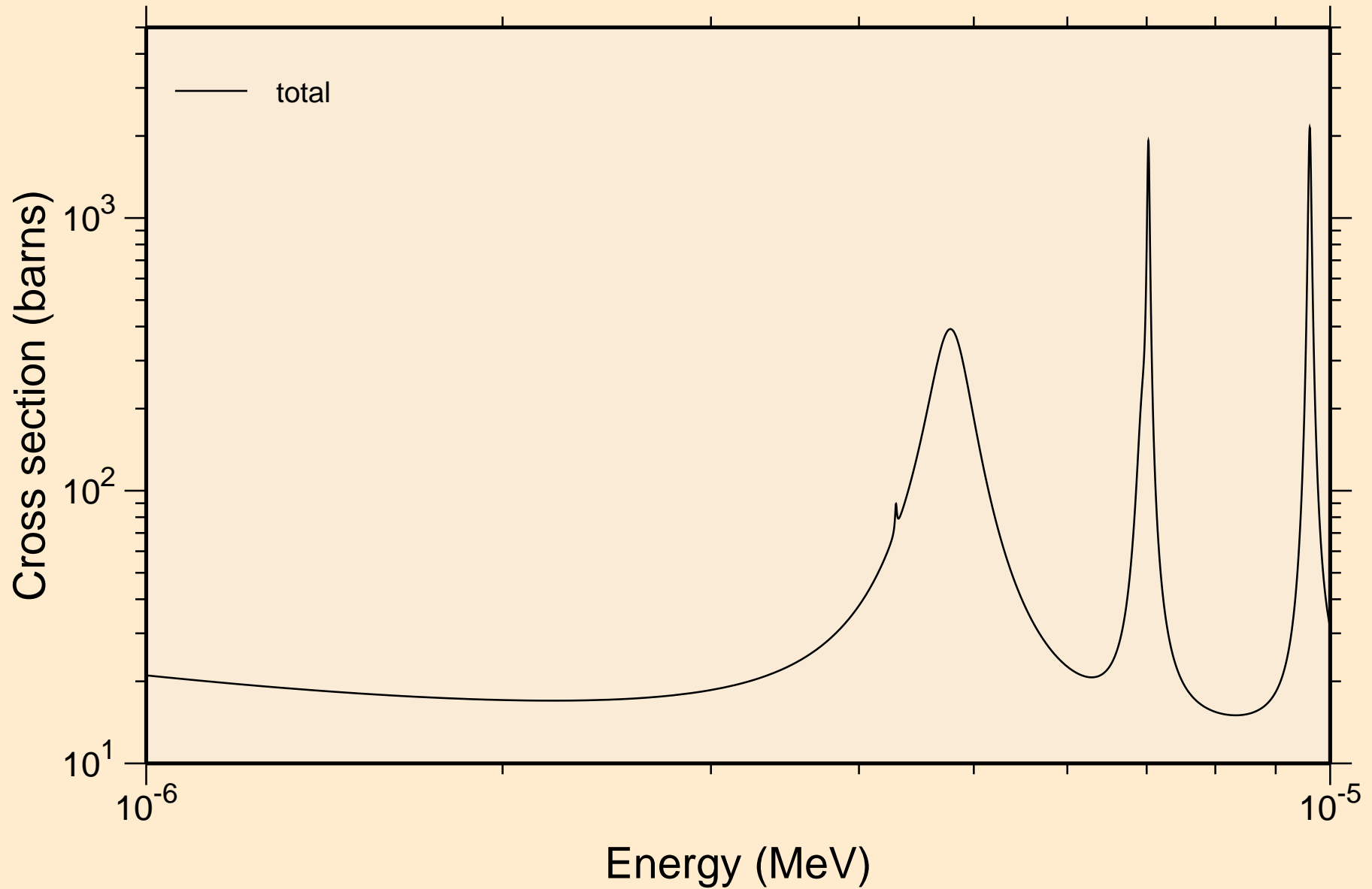


# NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

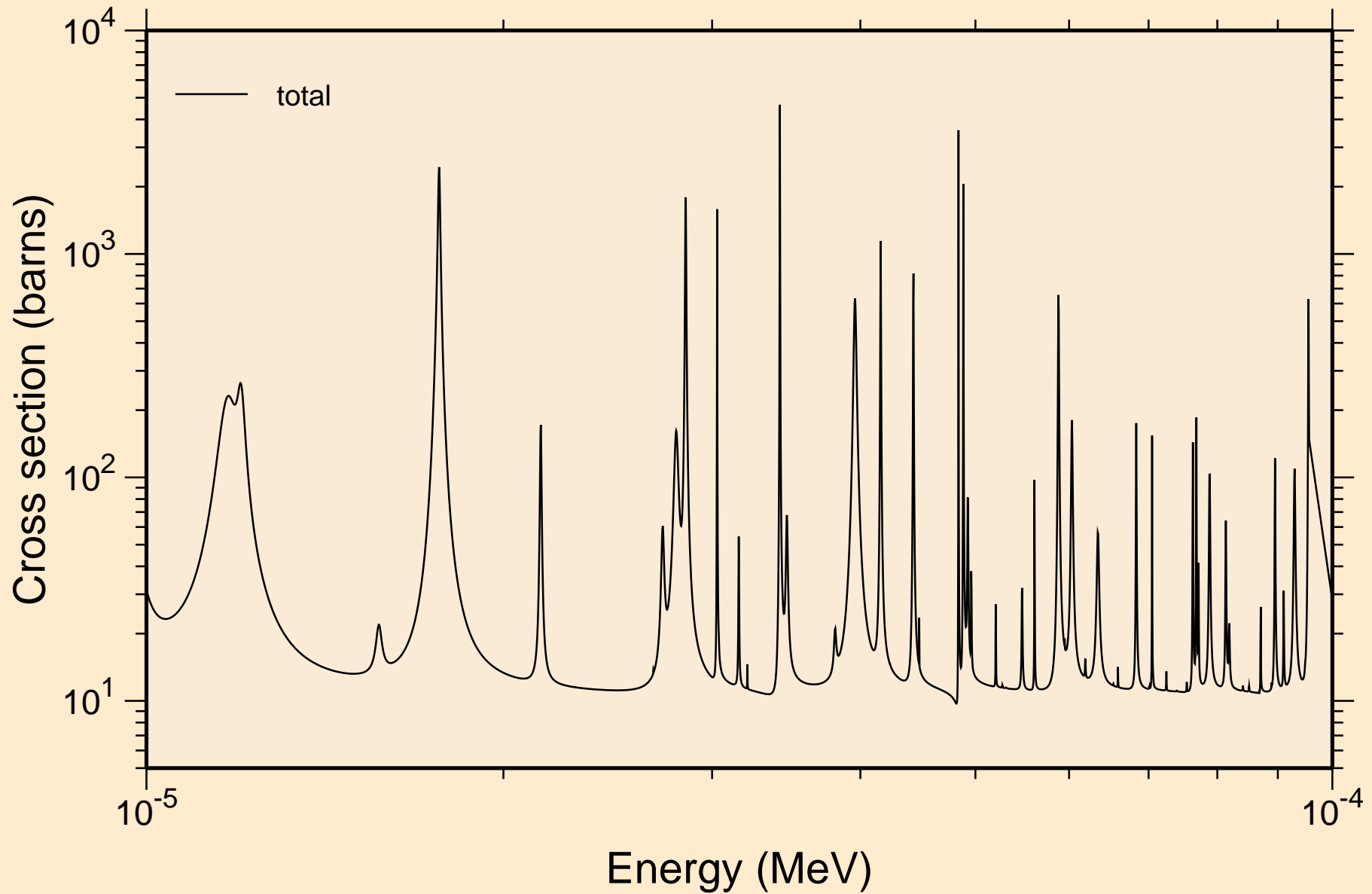
## Principal cross sections



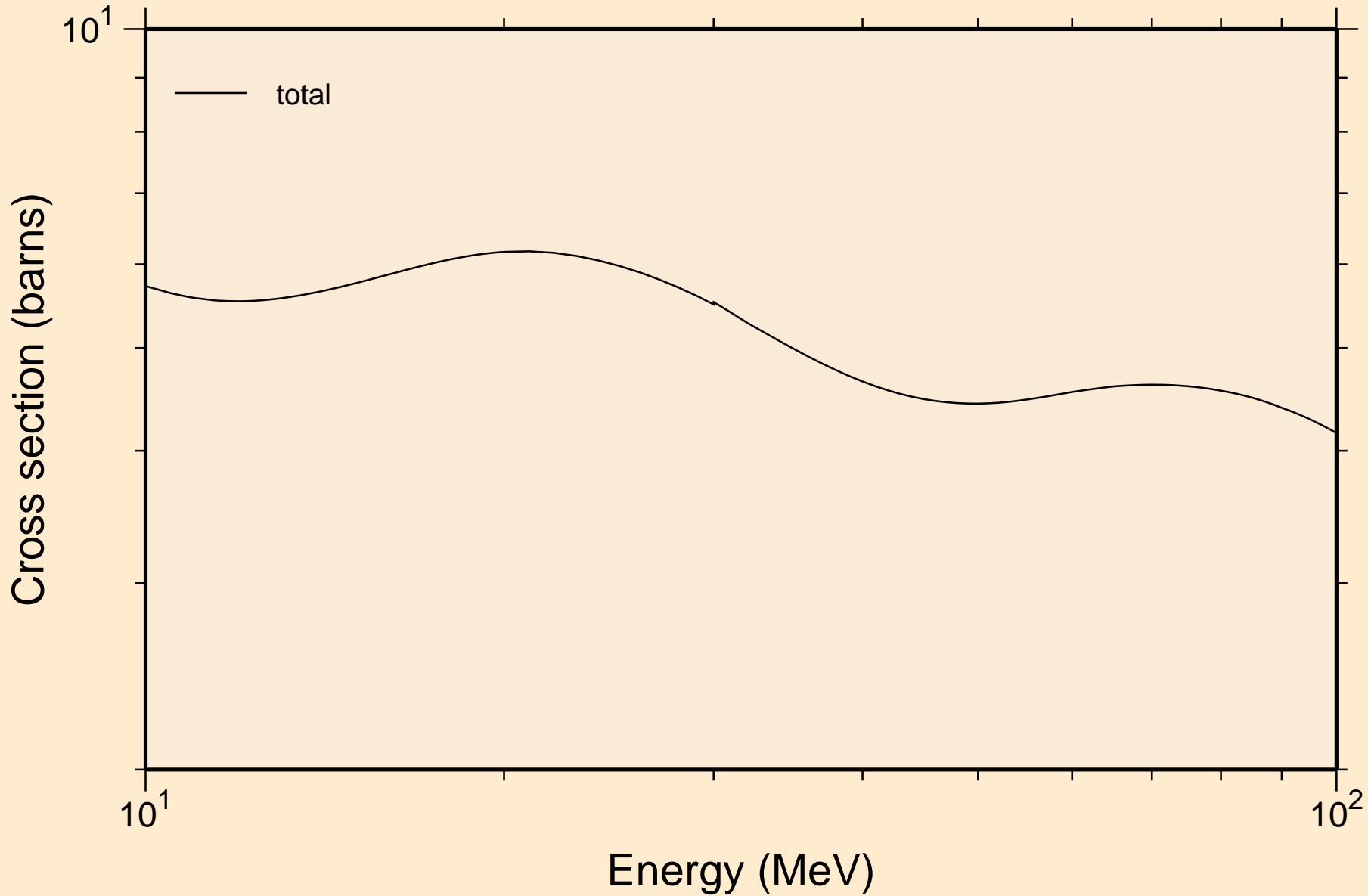
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



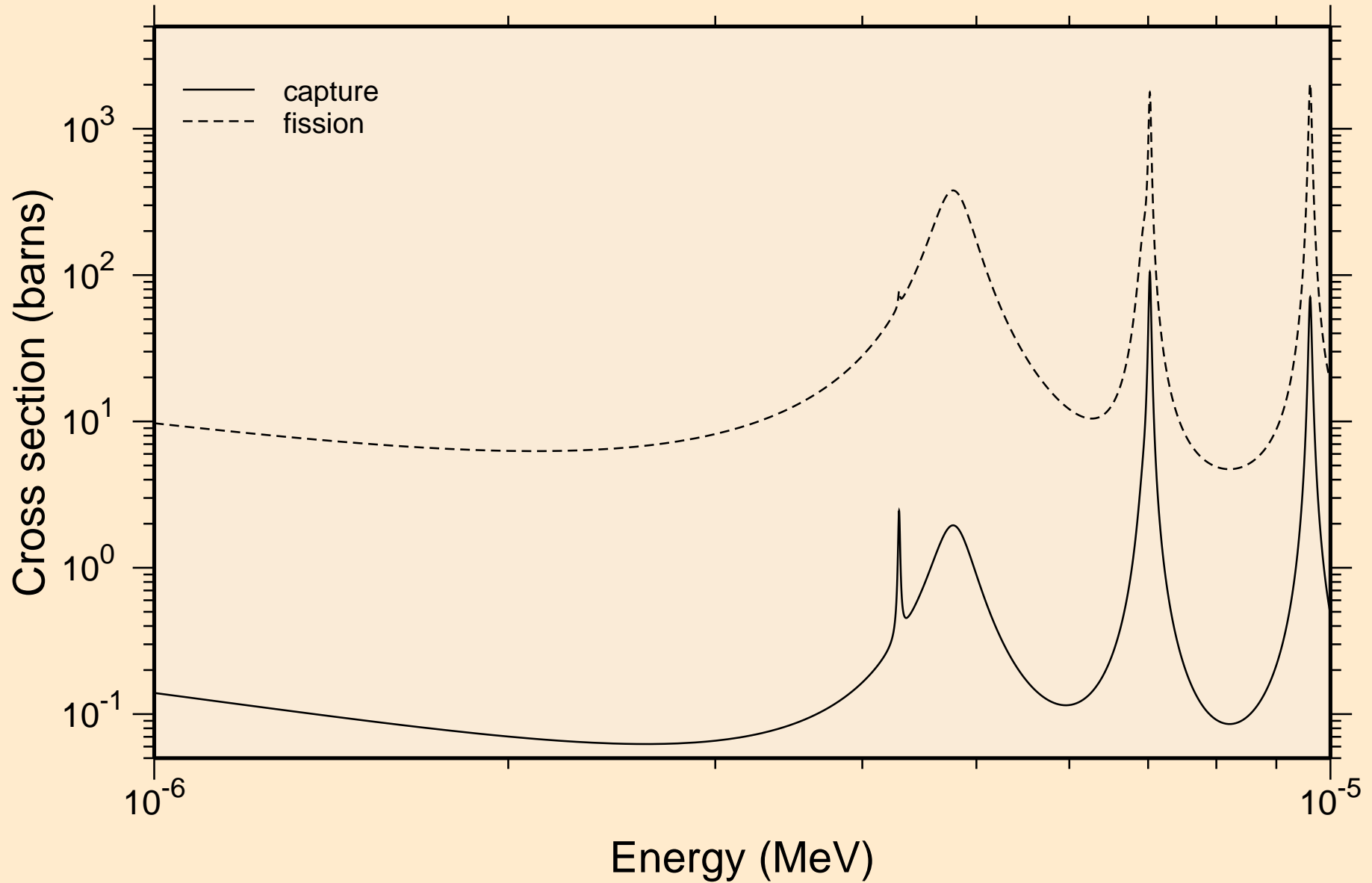
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resonance total cross section



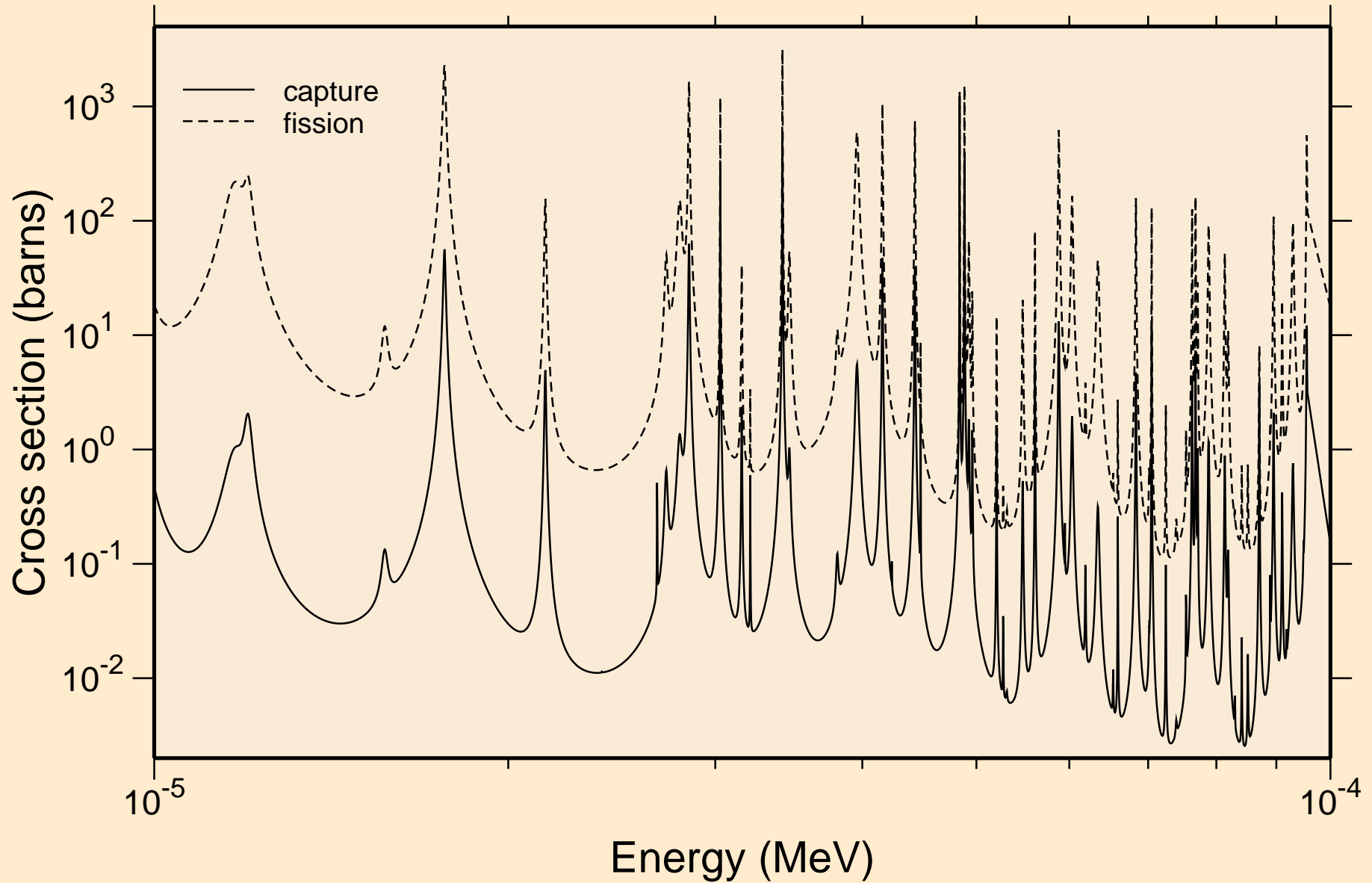
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



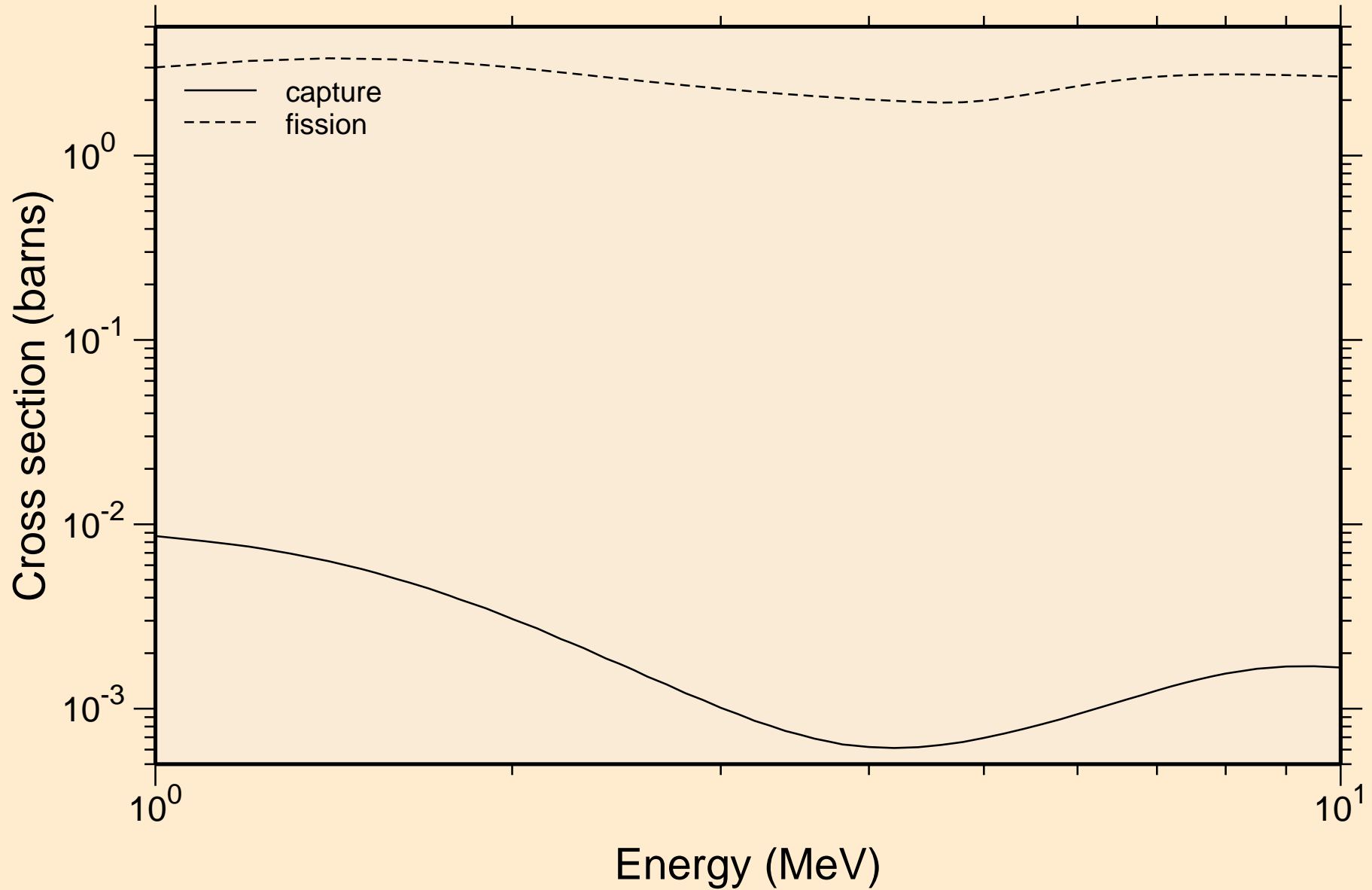
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



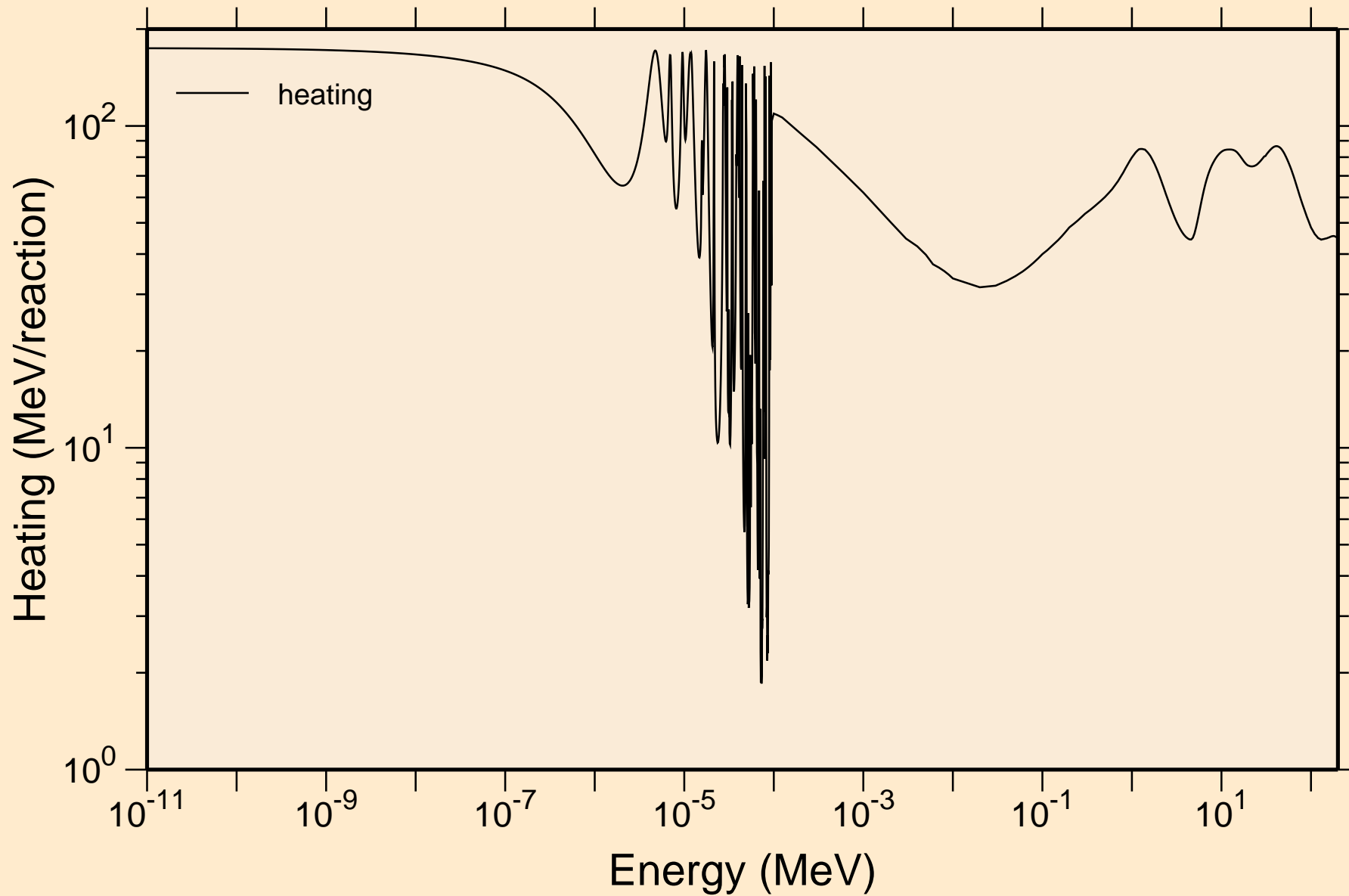
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

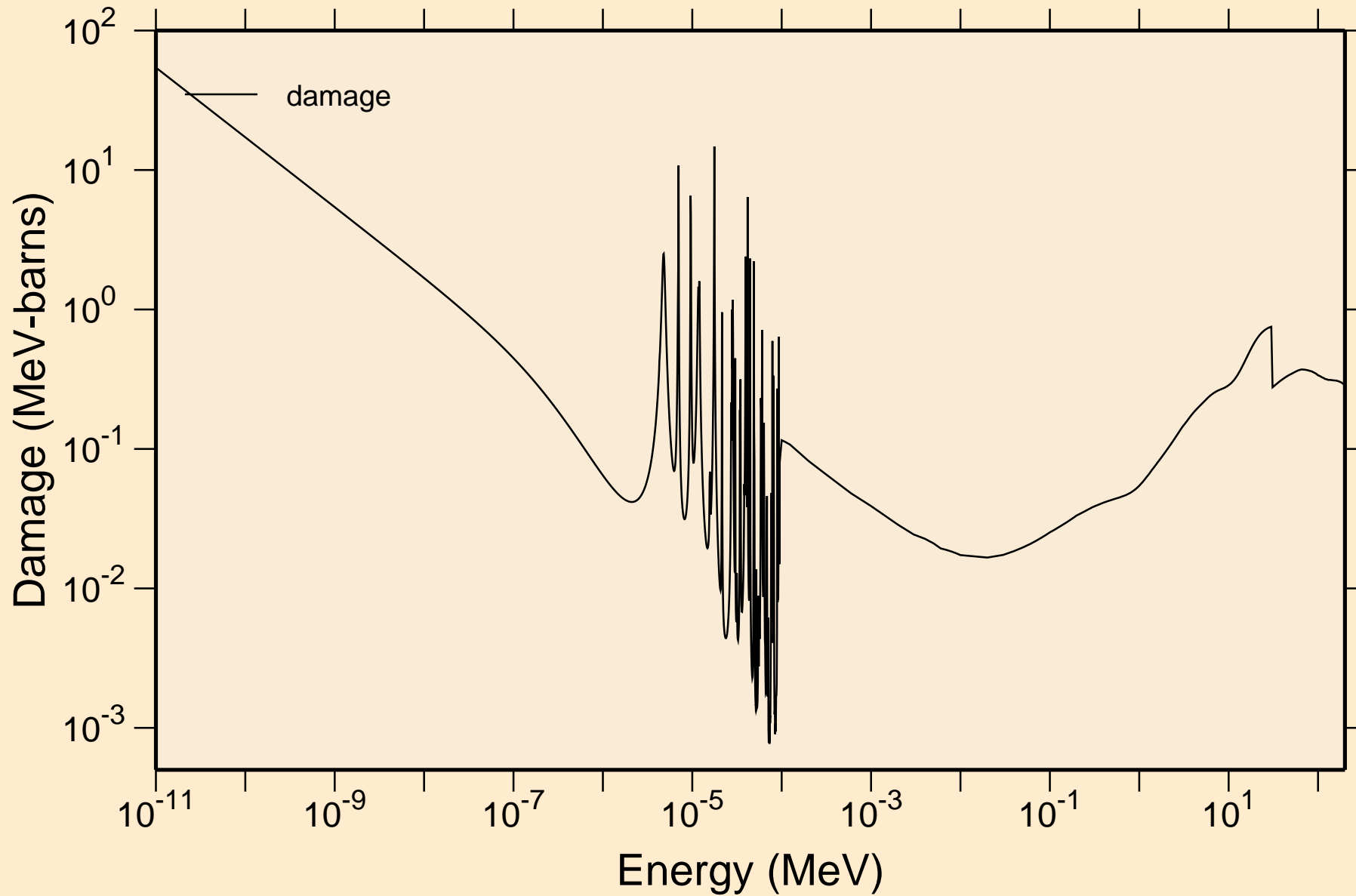


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

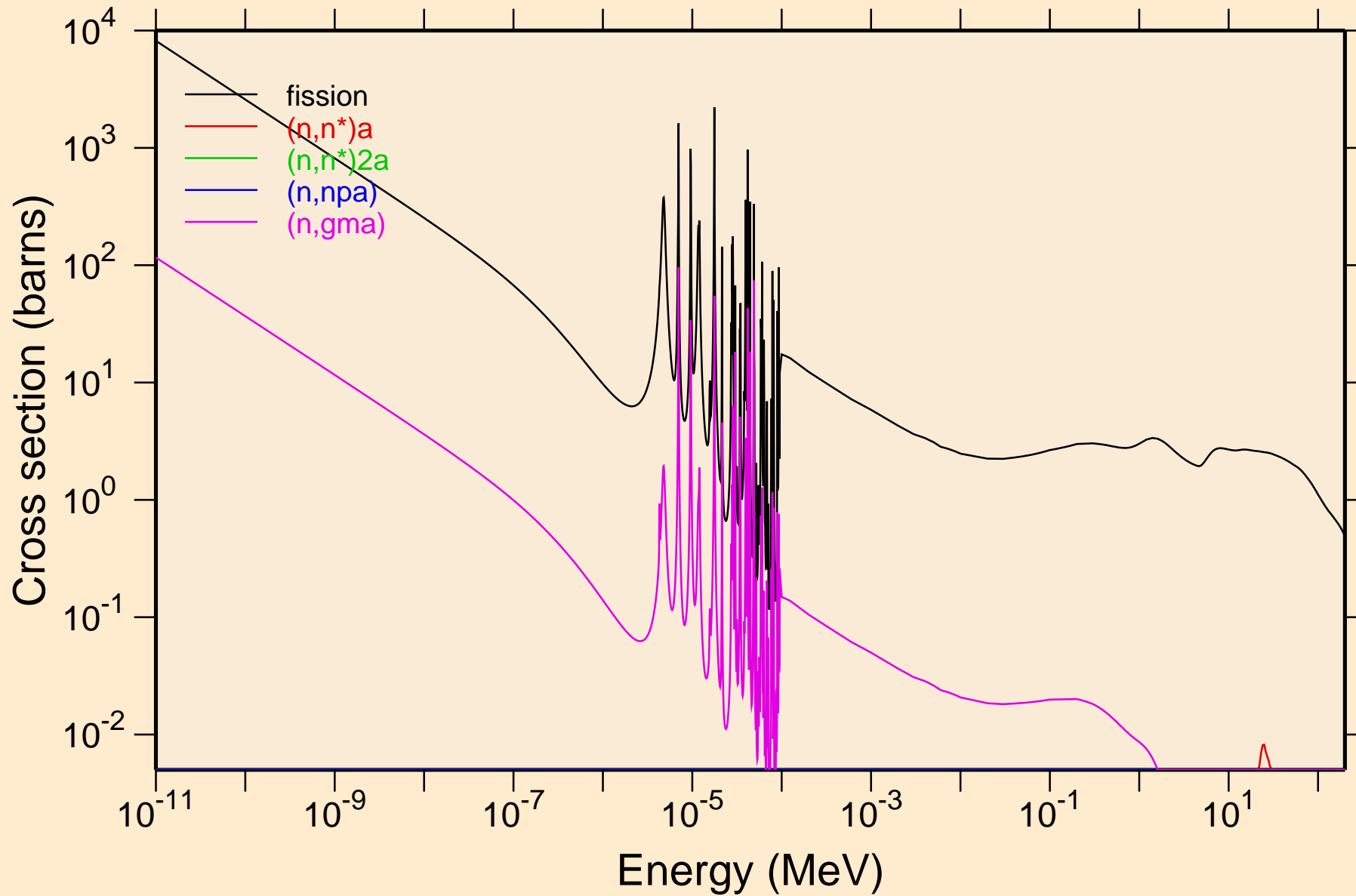




NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

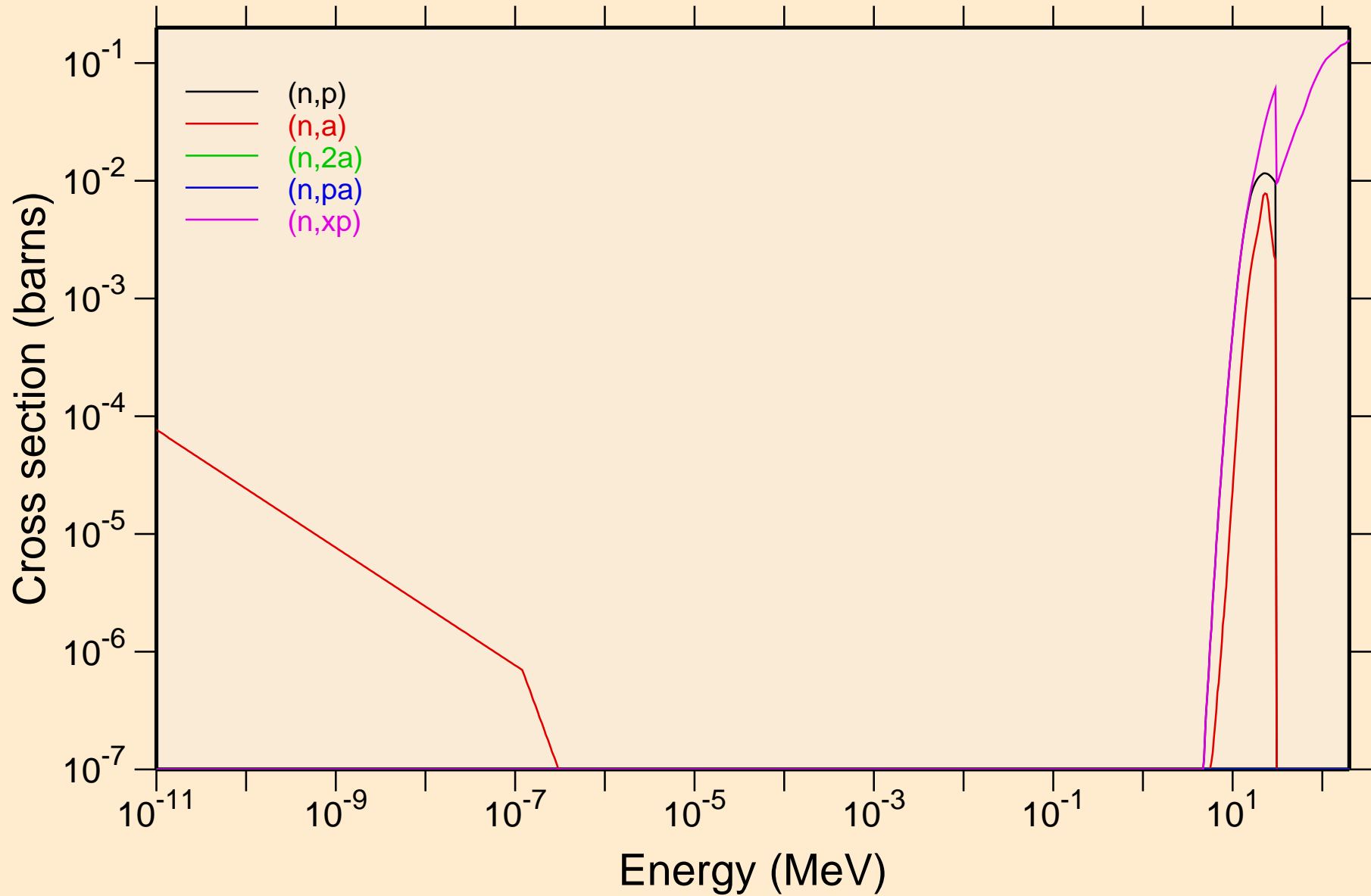


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

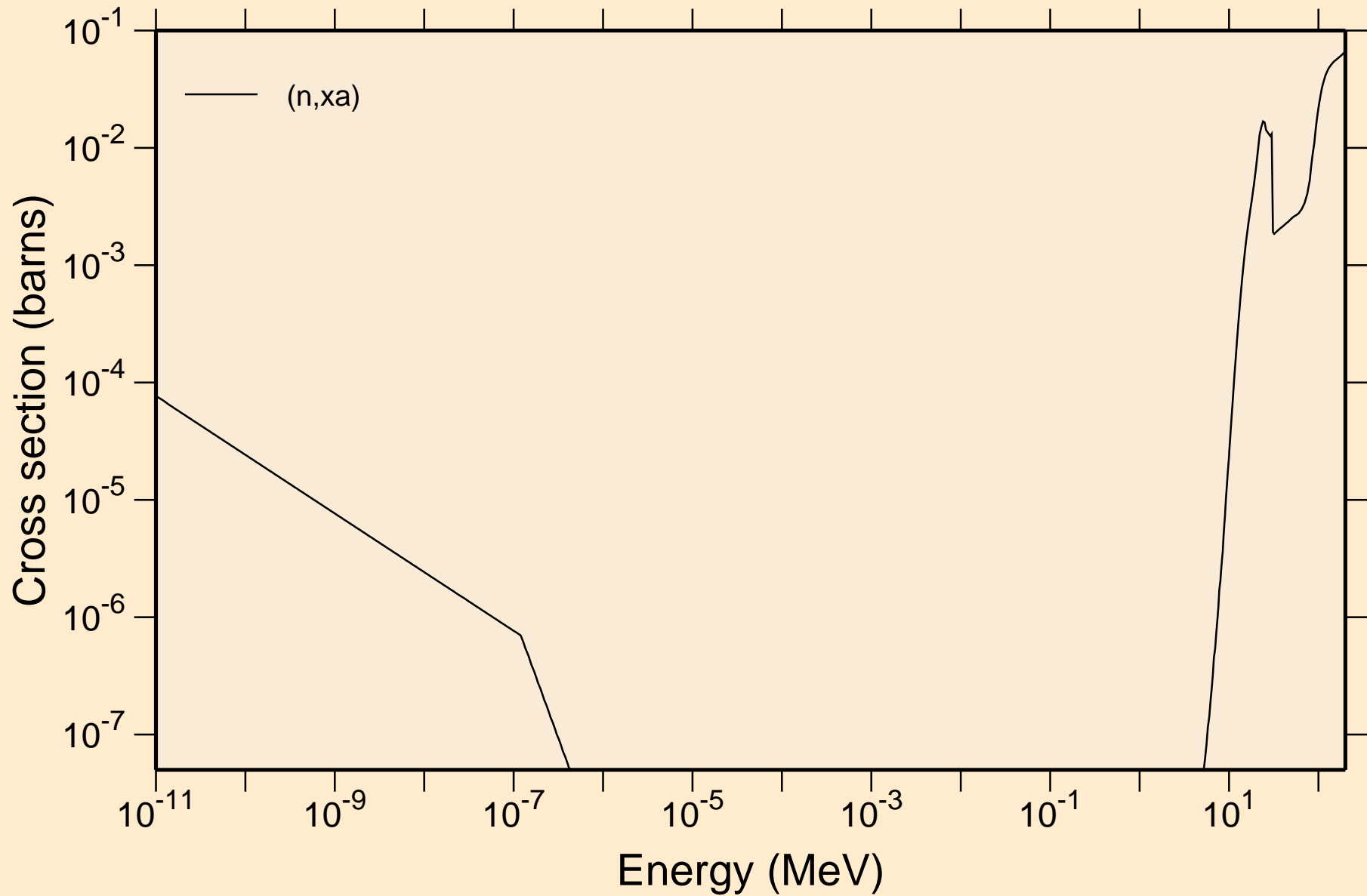


# NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

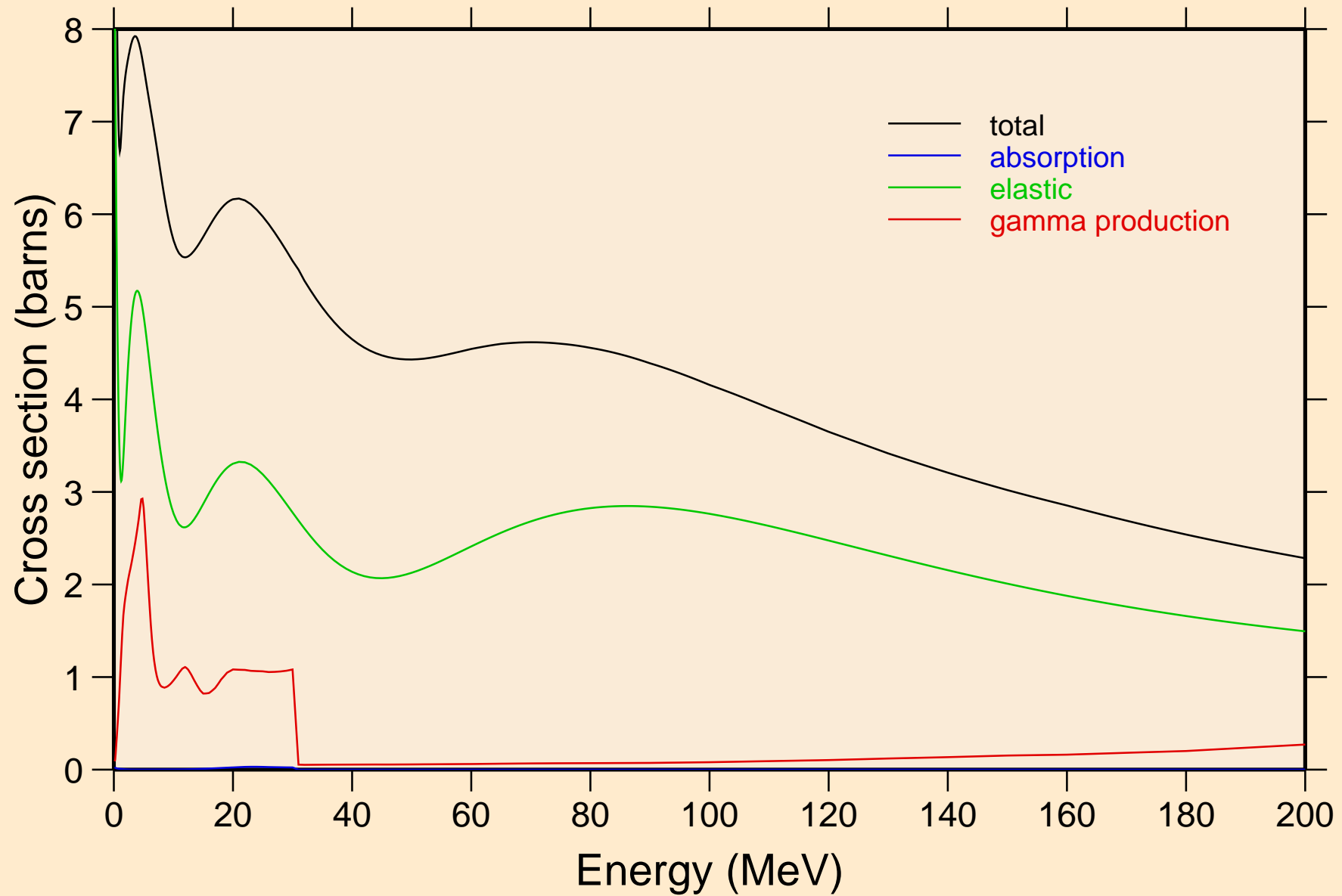


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

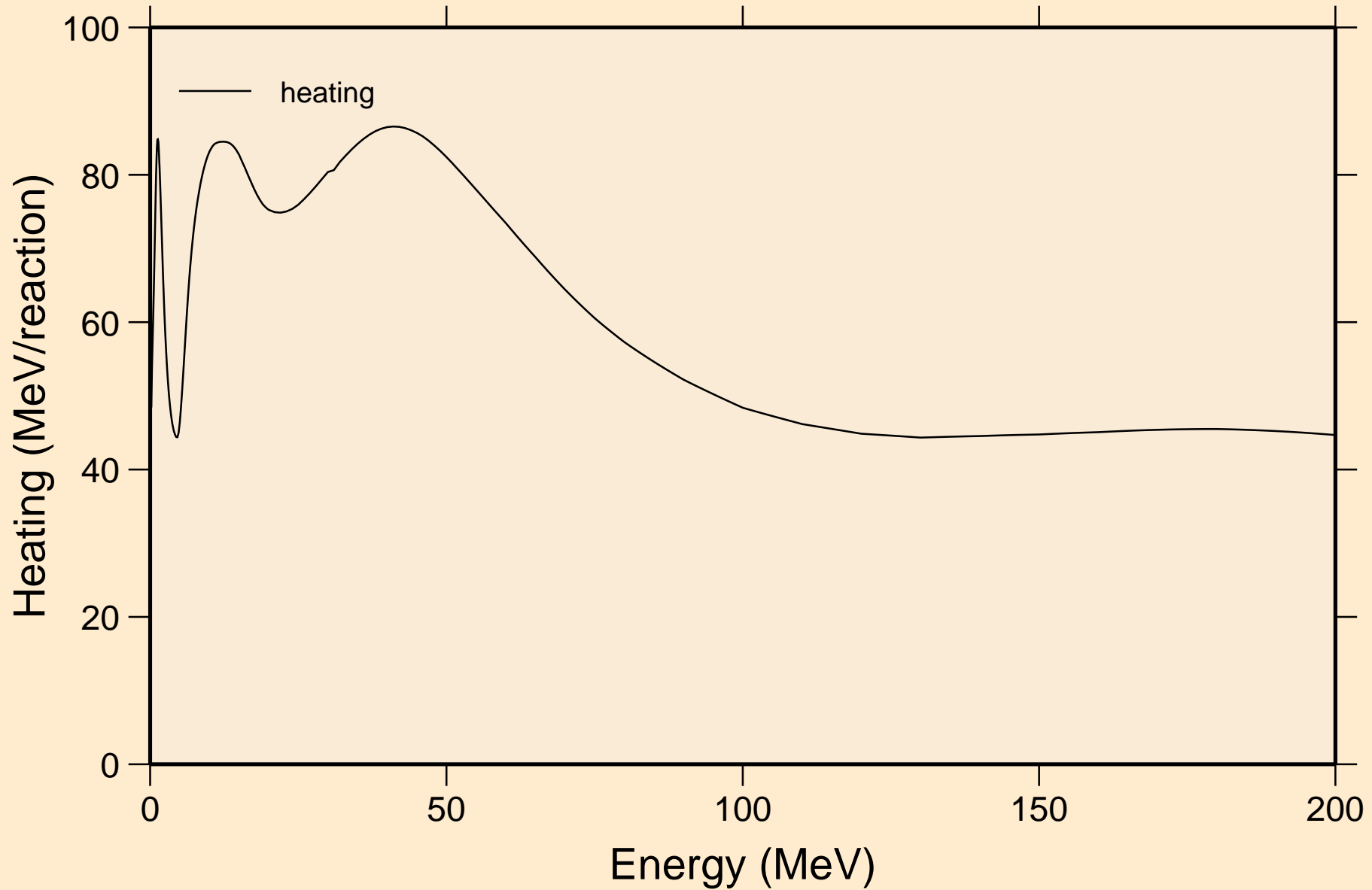


# NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

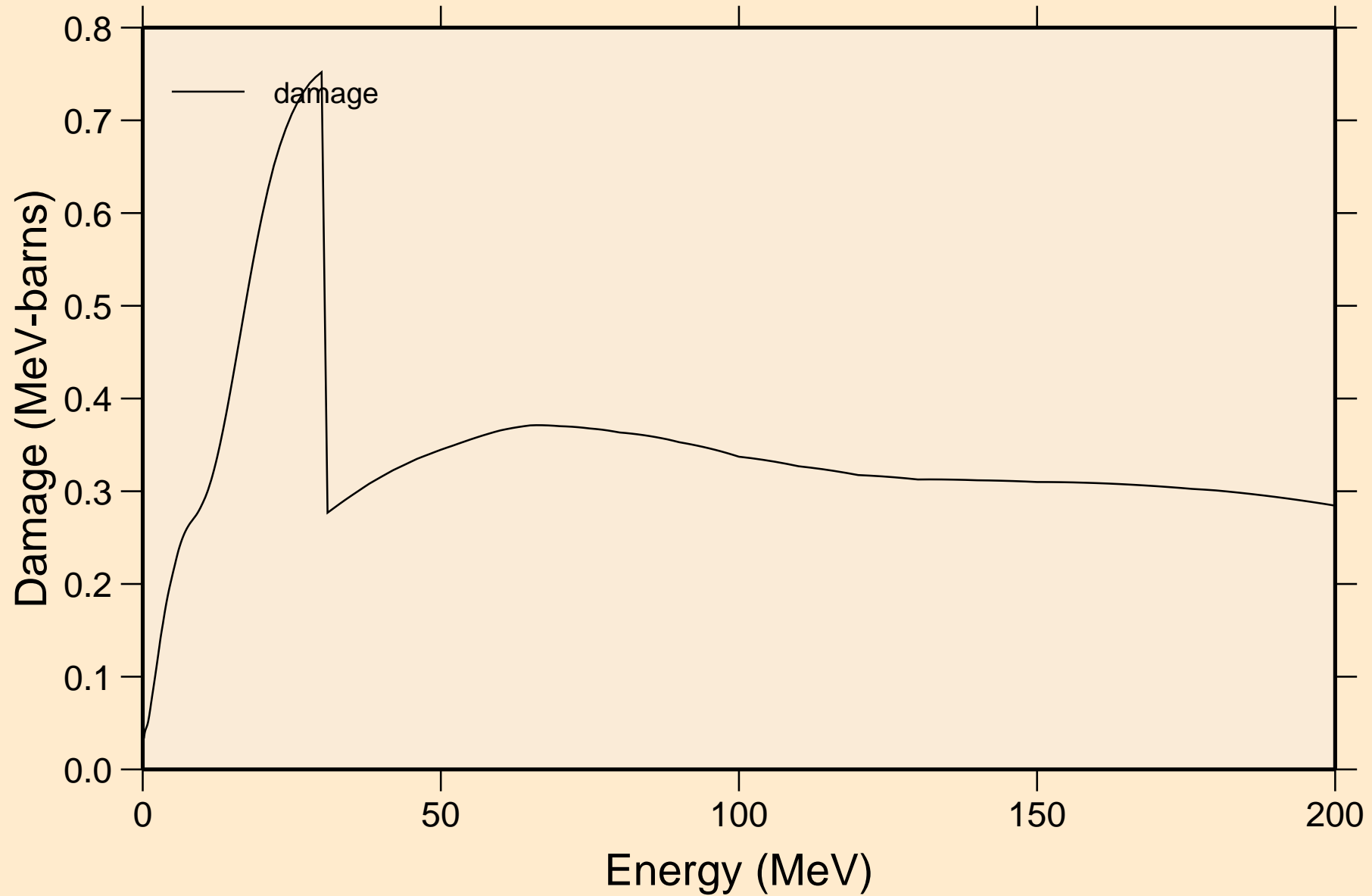


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



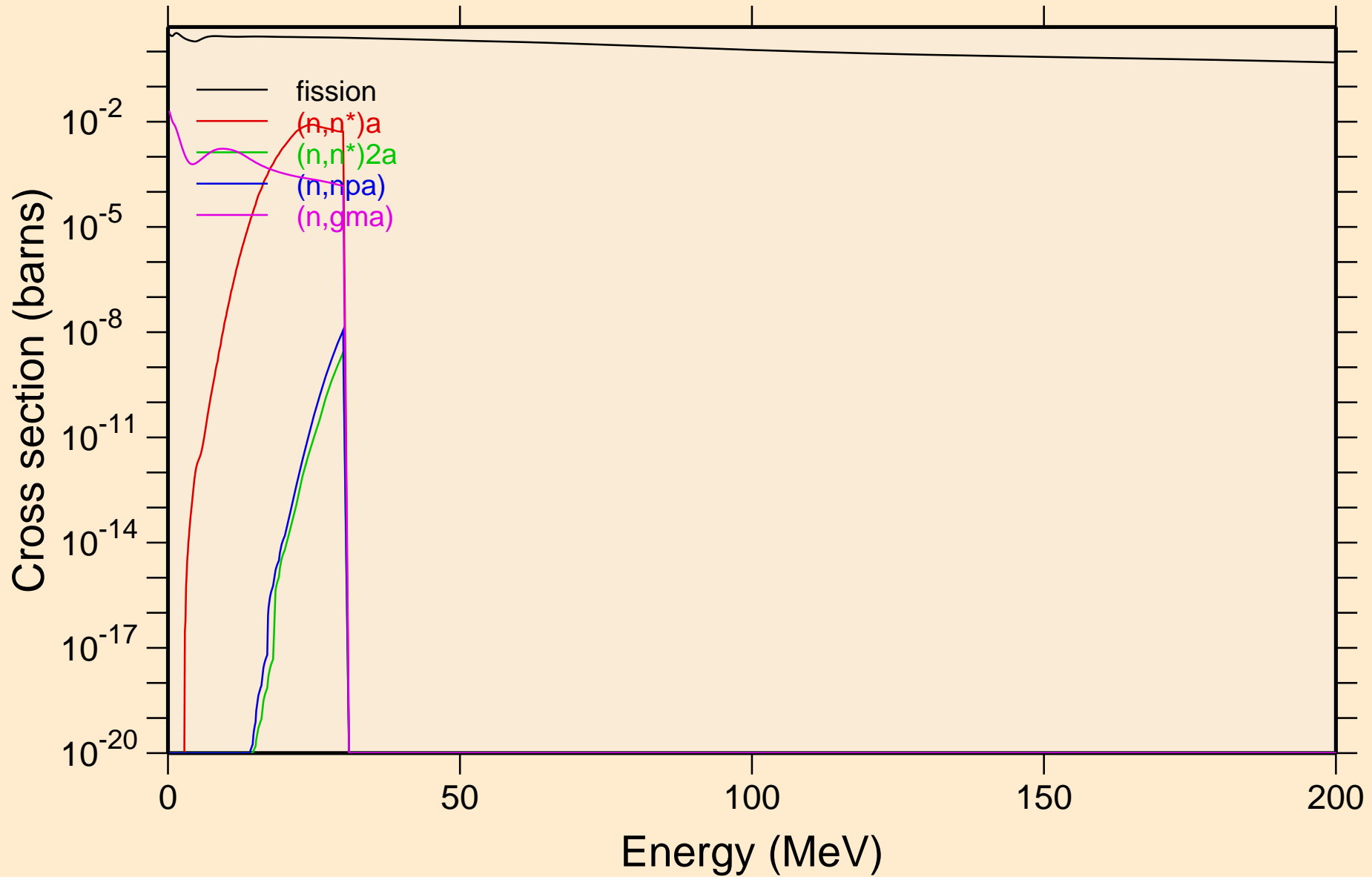
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## Damage



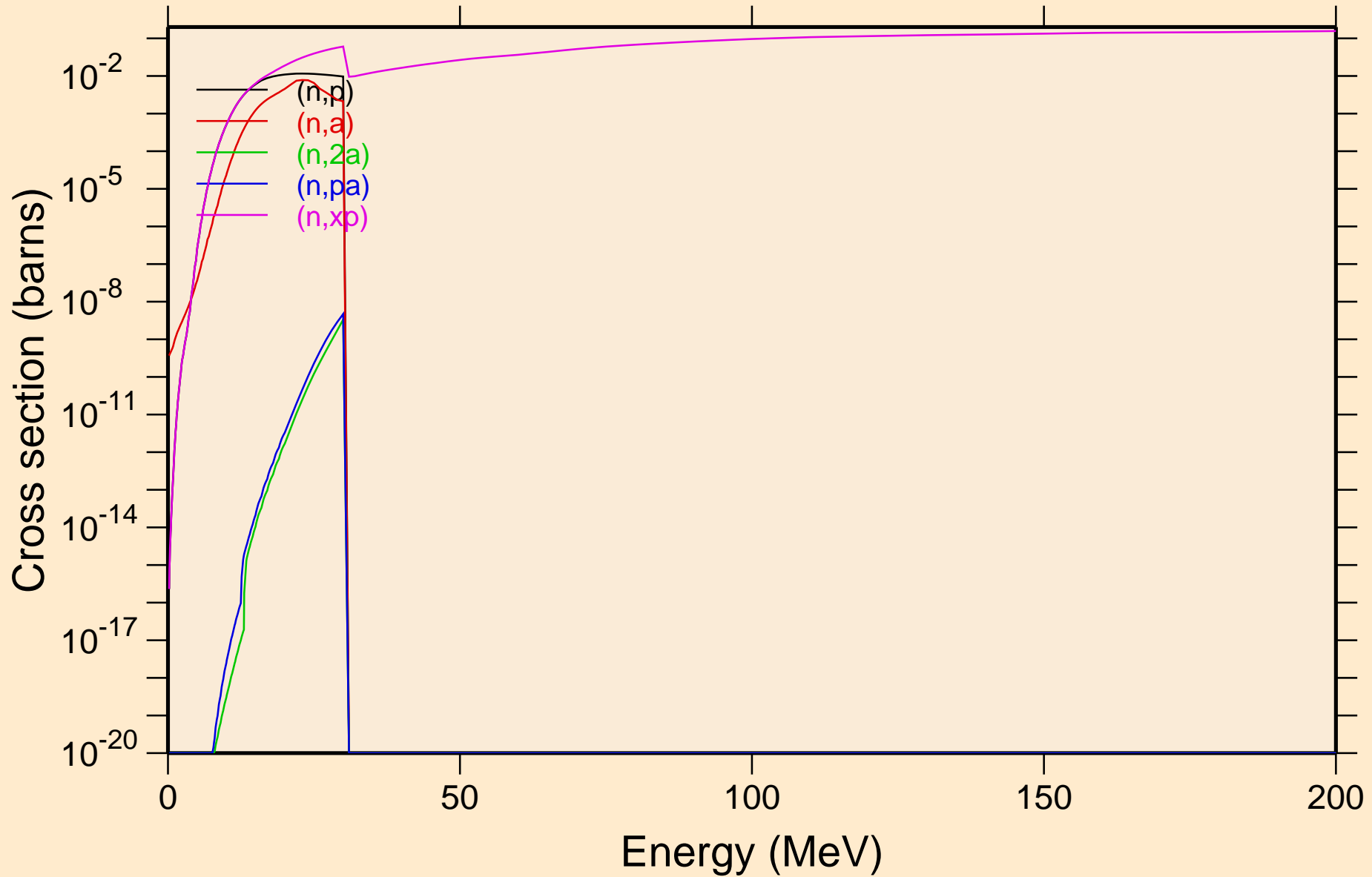
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## Non-threshold reactions

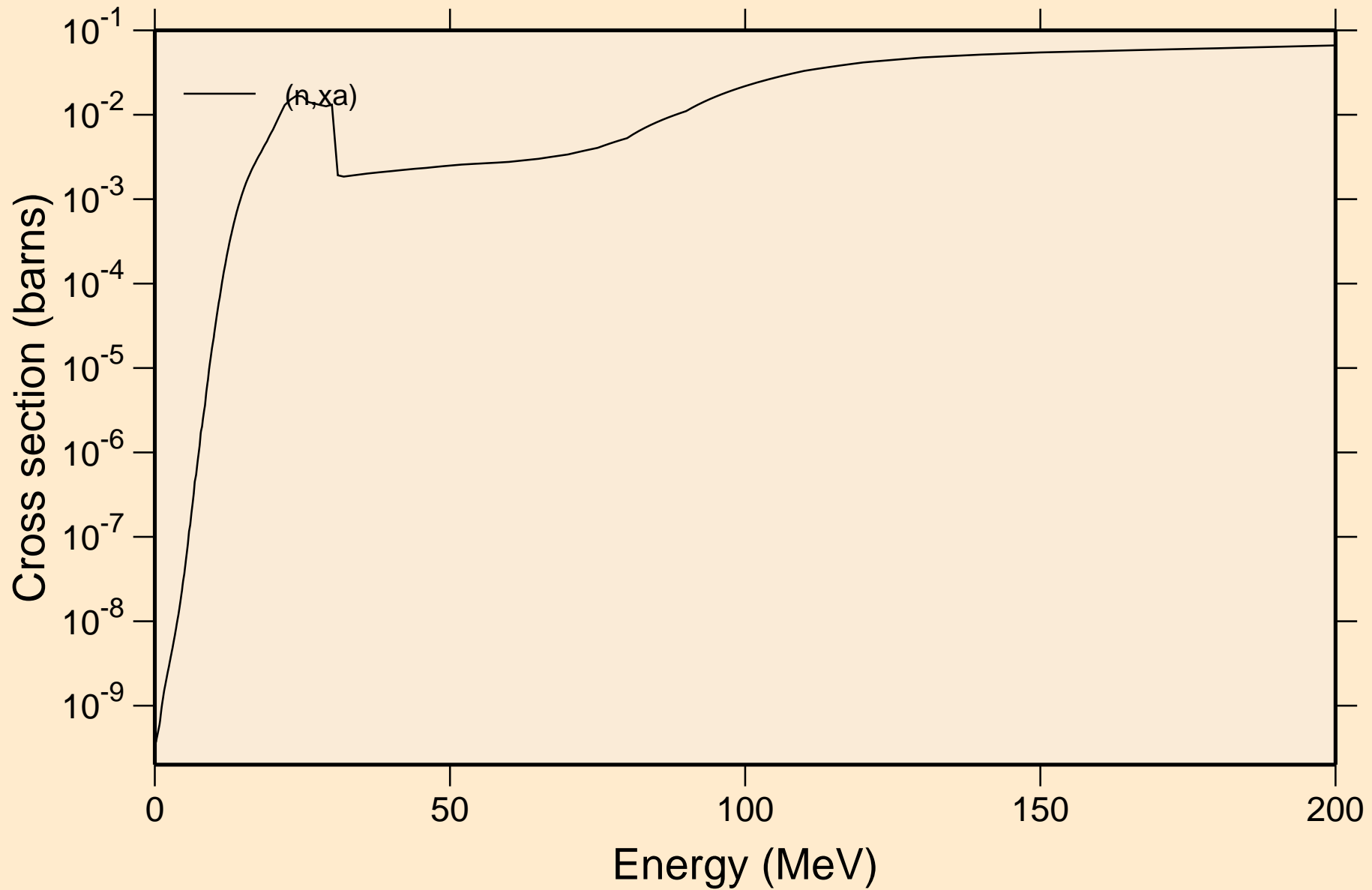




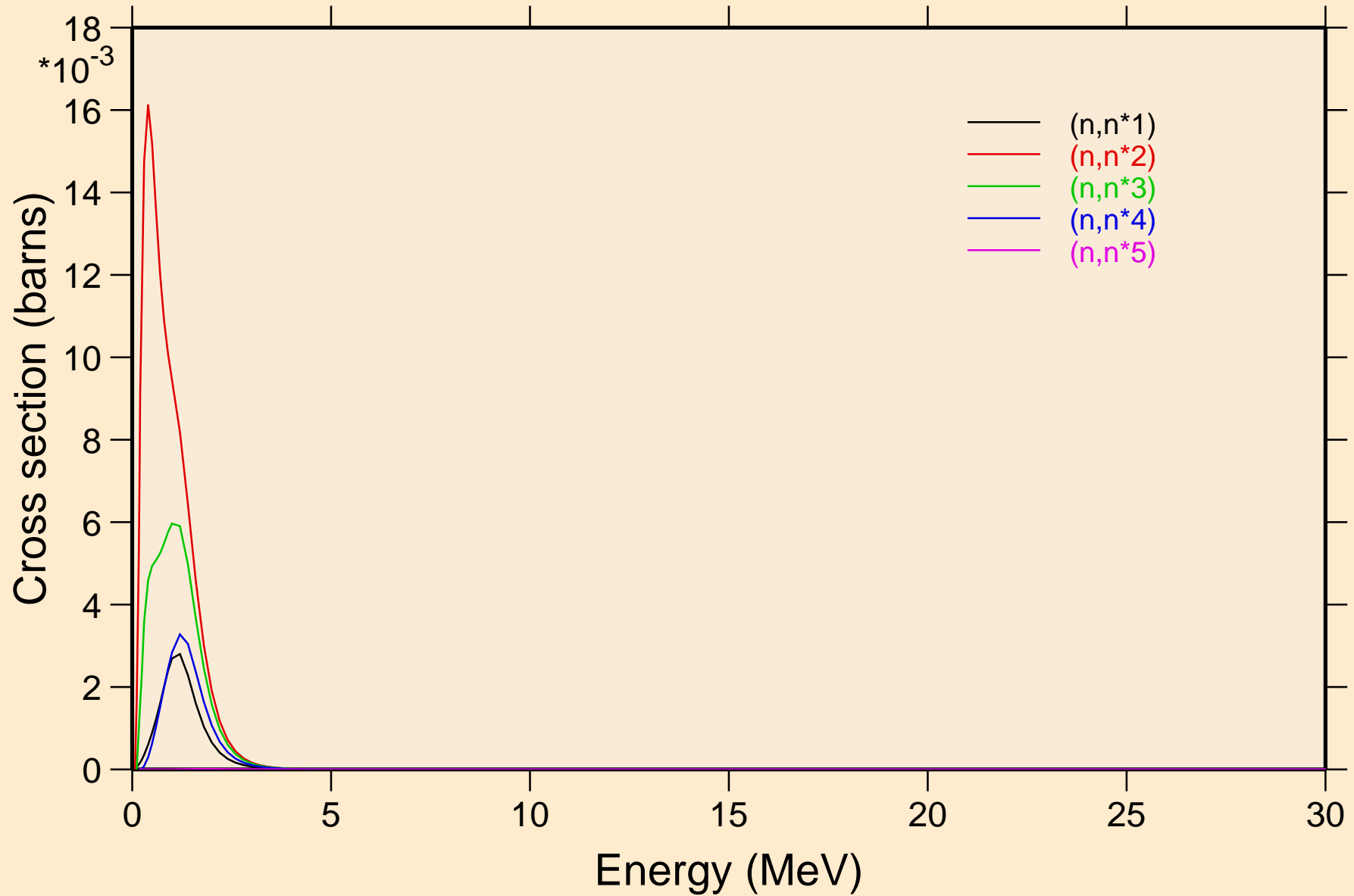
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



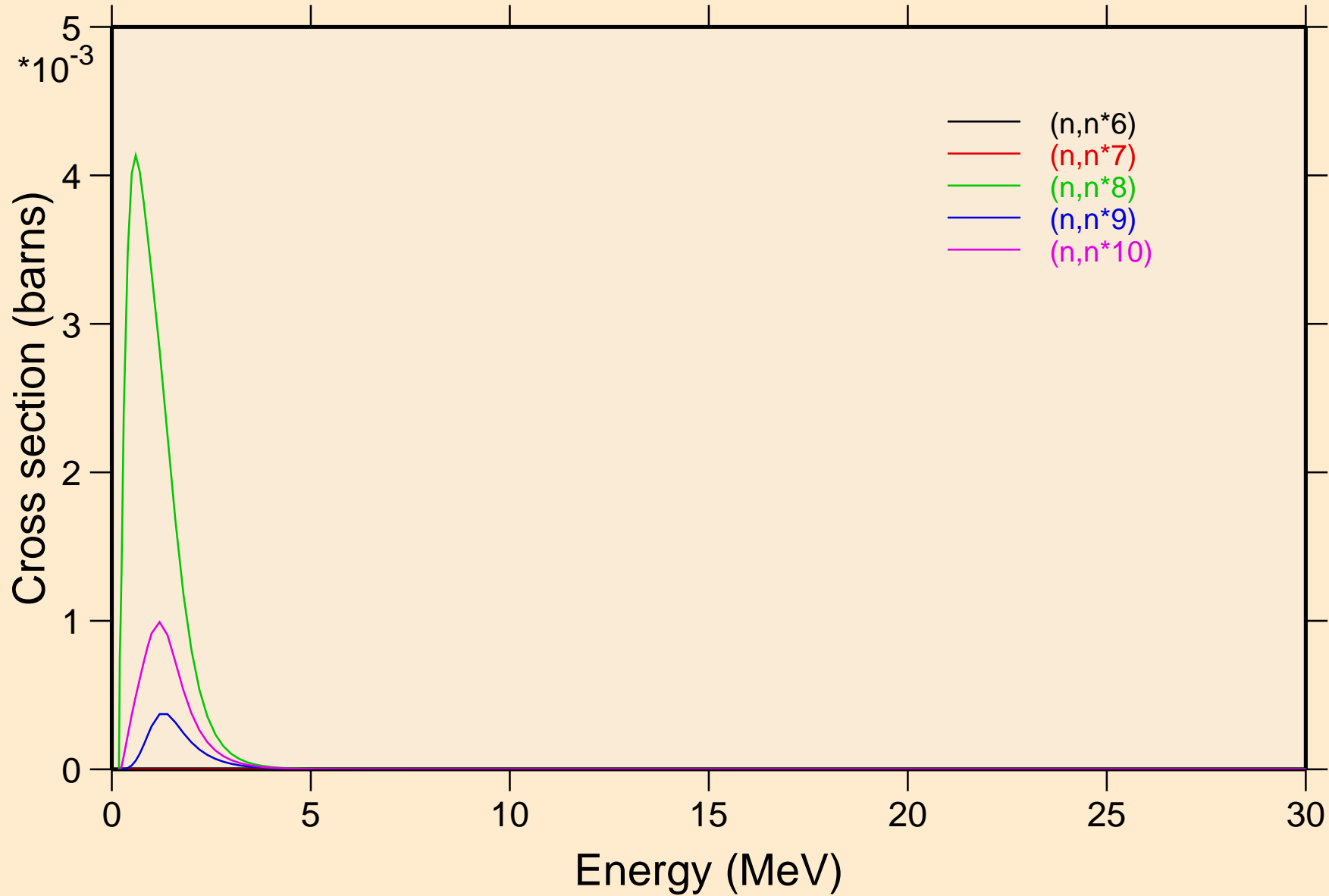
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Non-threshold reactions



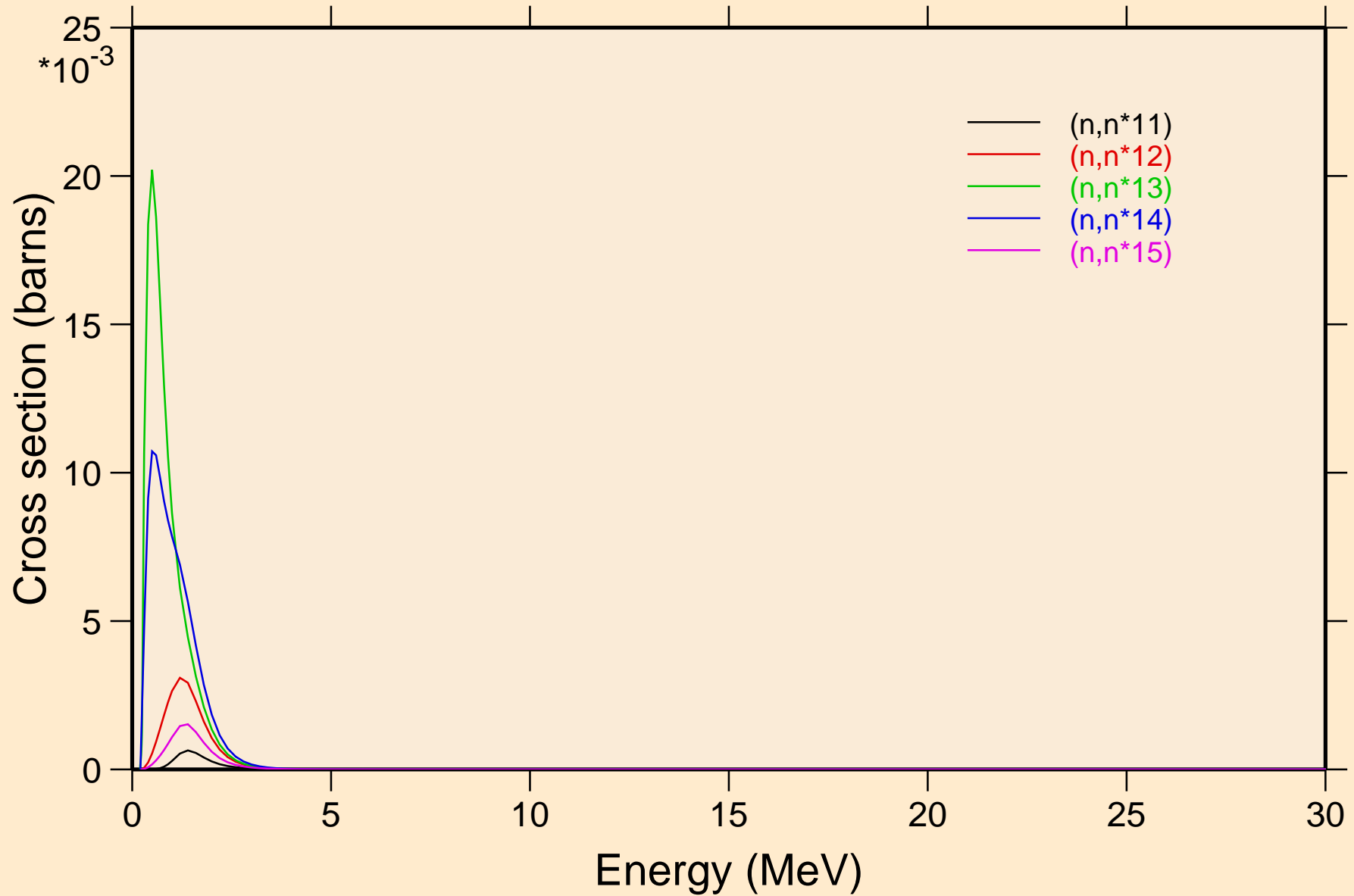
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



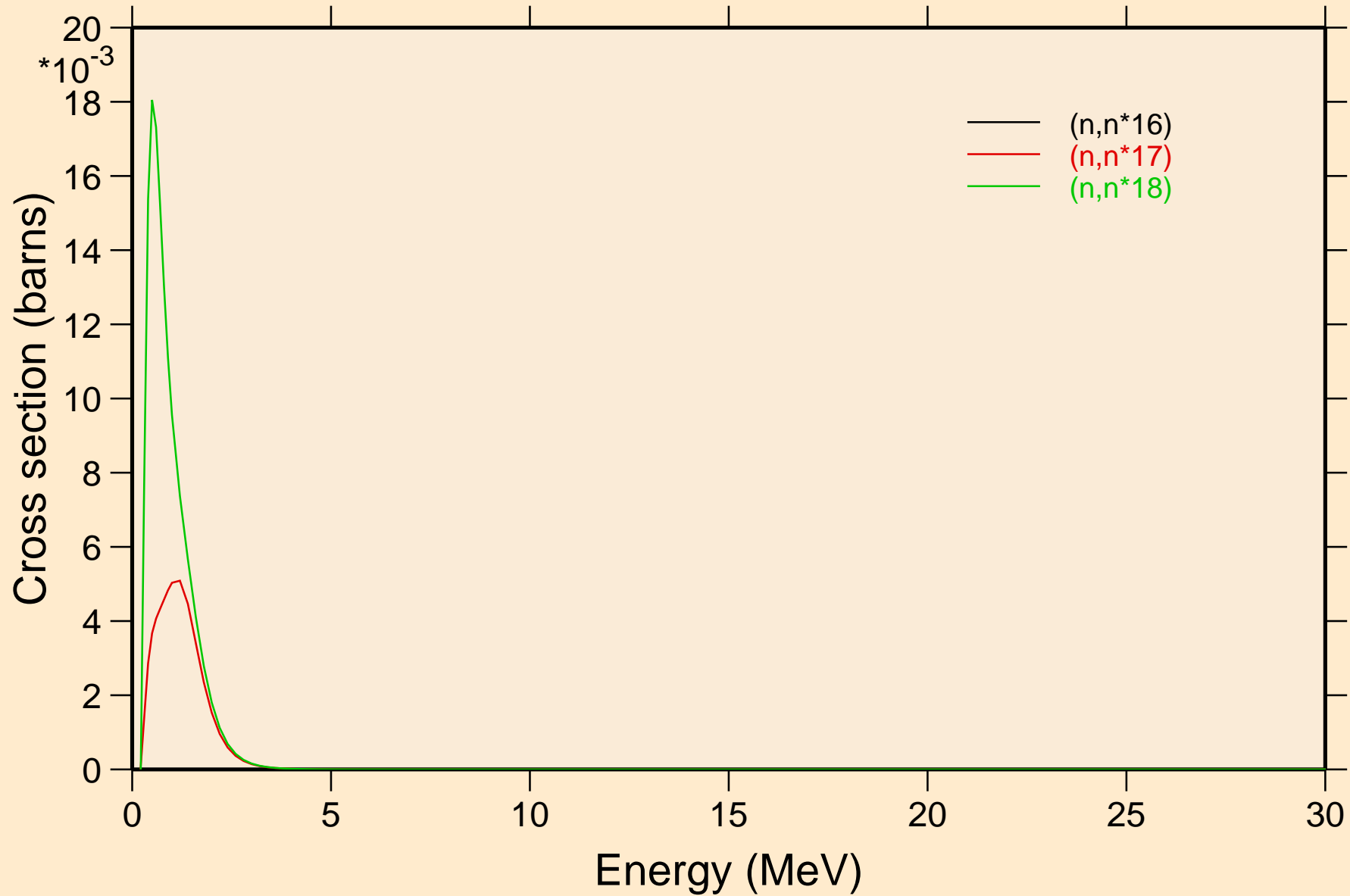
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



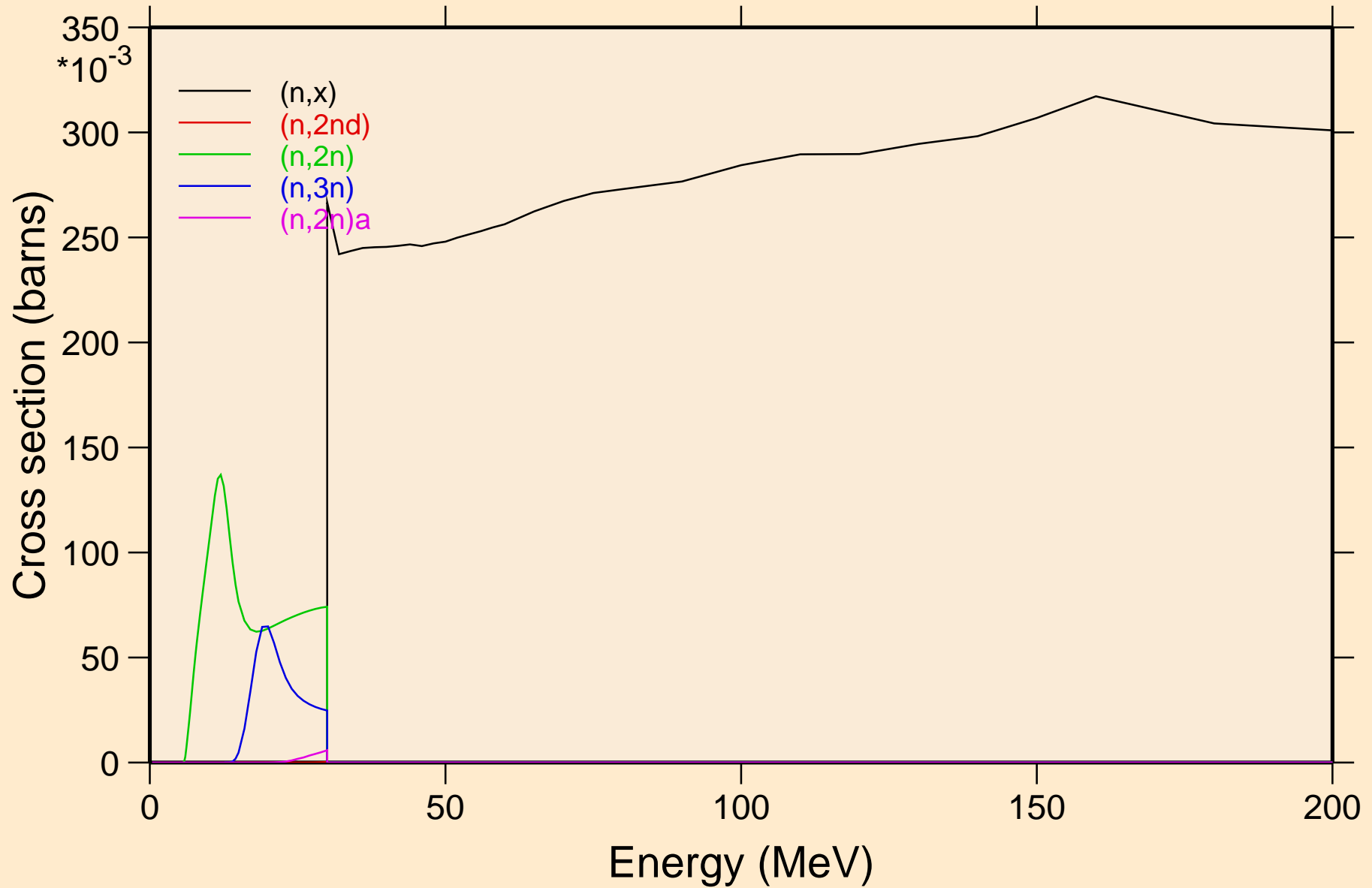
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

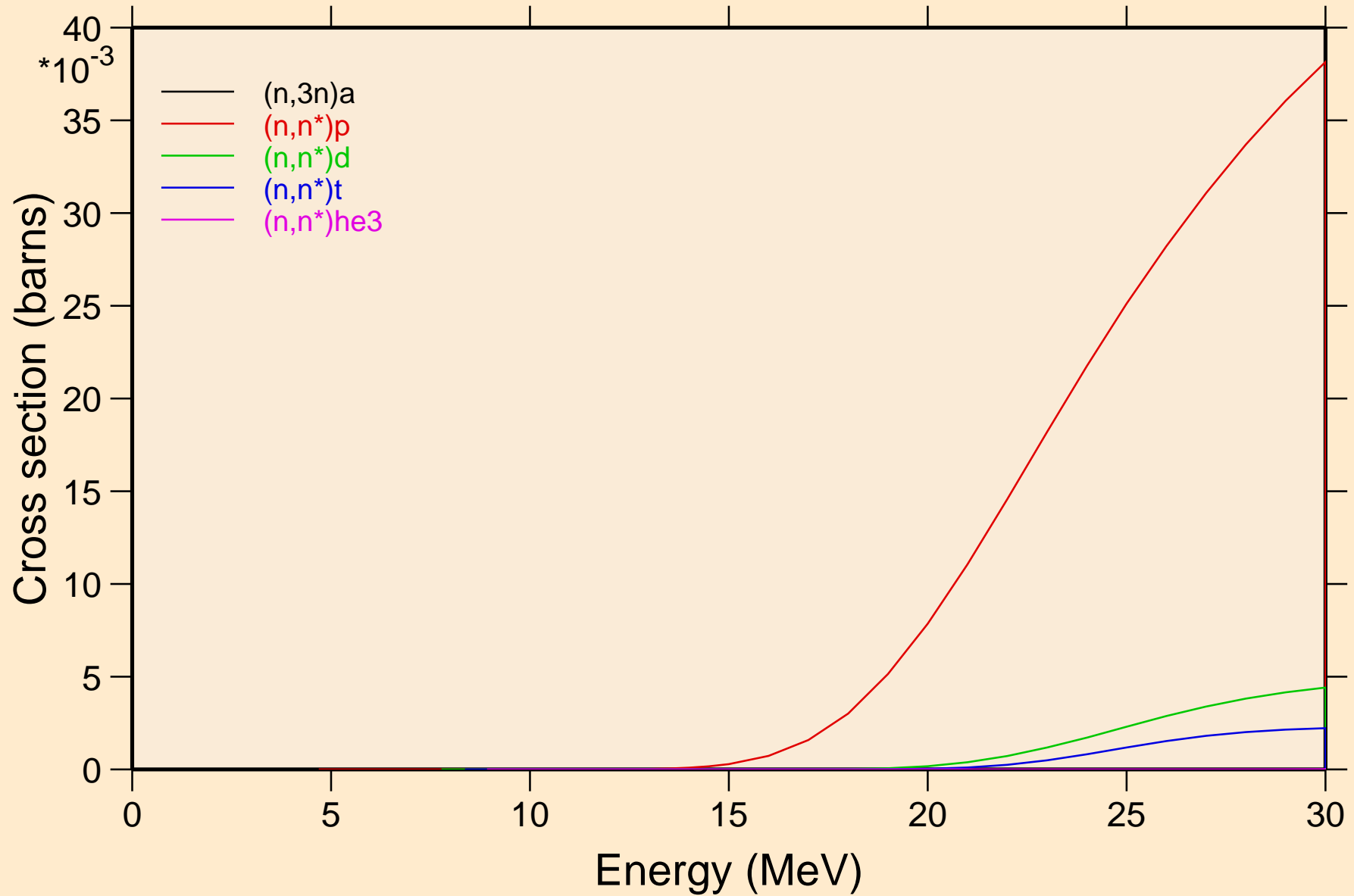


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



# NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

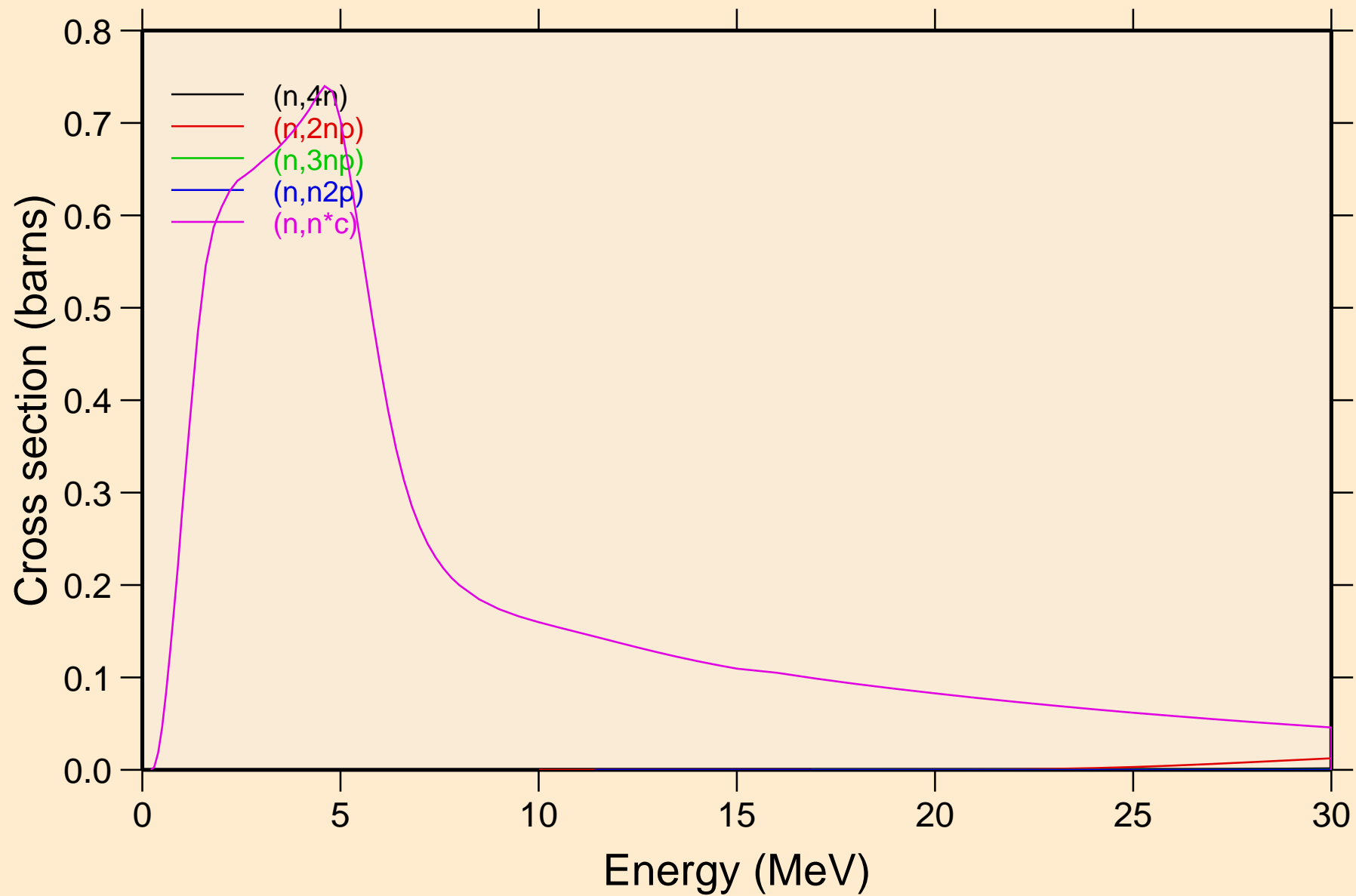
## Threshold reactions





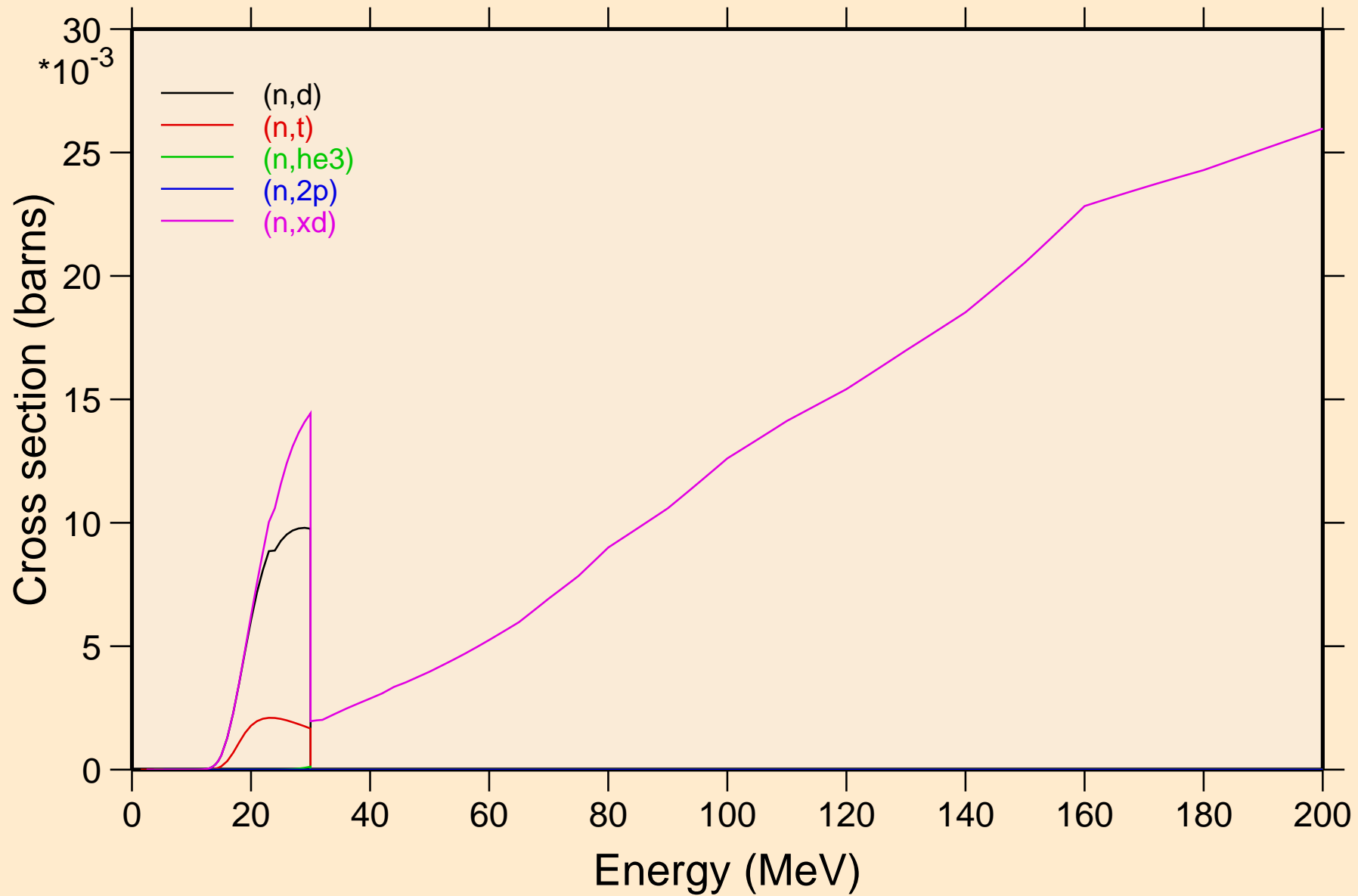
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## Threshold reactions

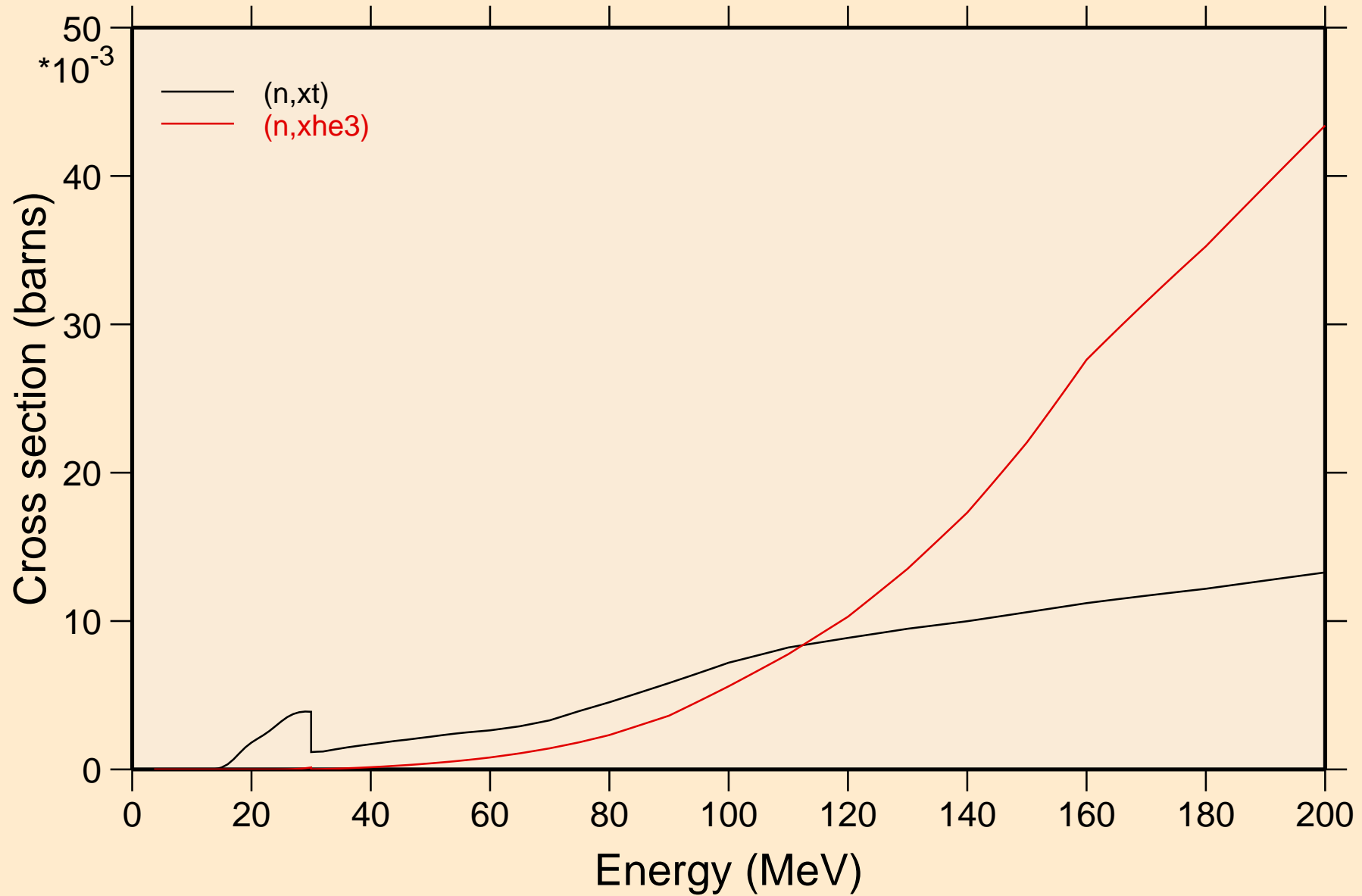


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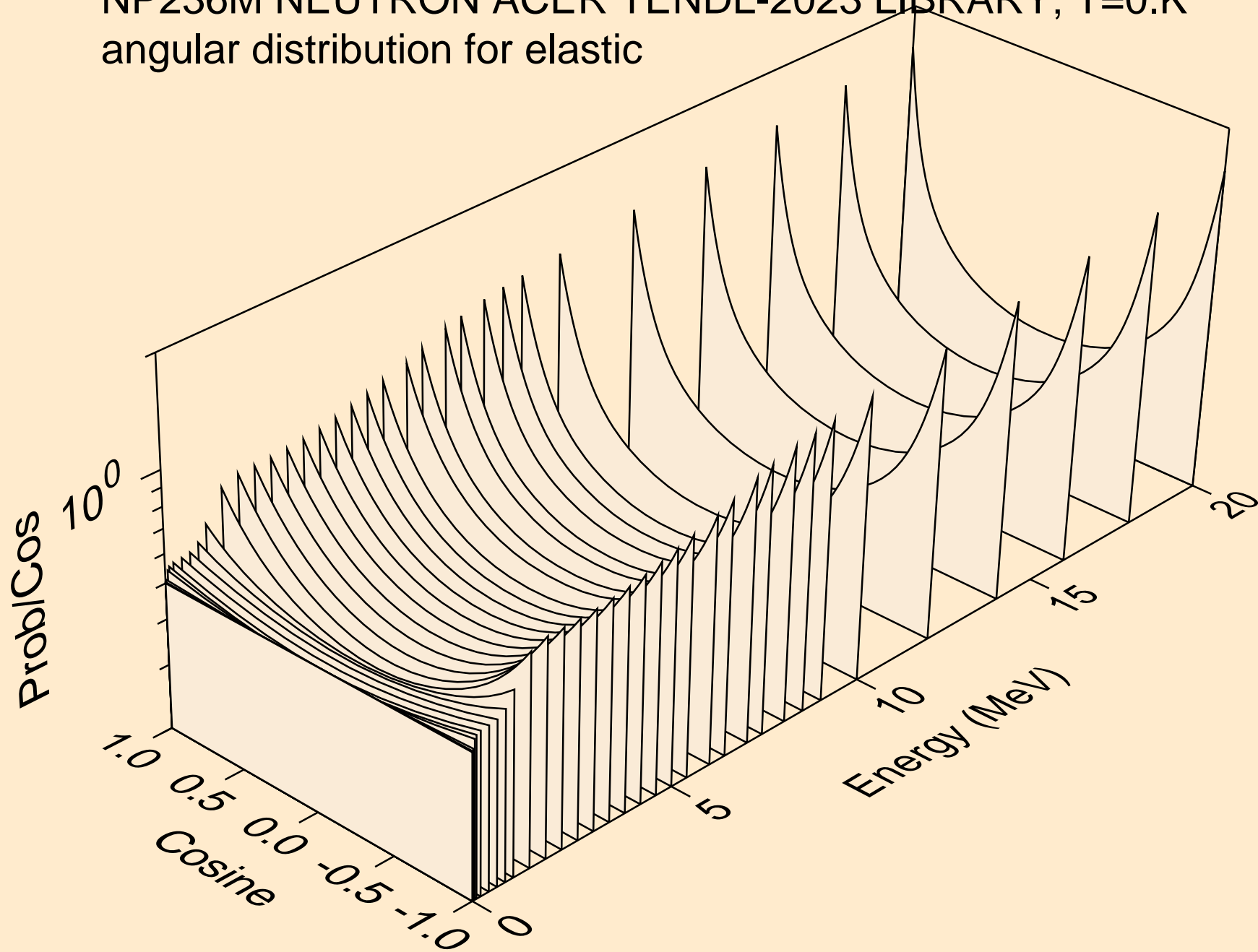
## Threshold reactions



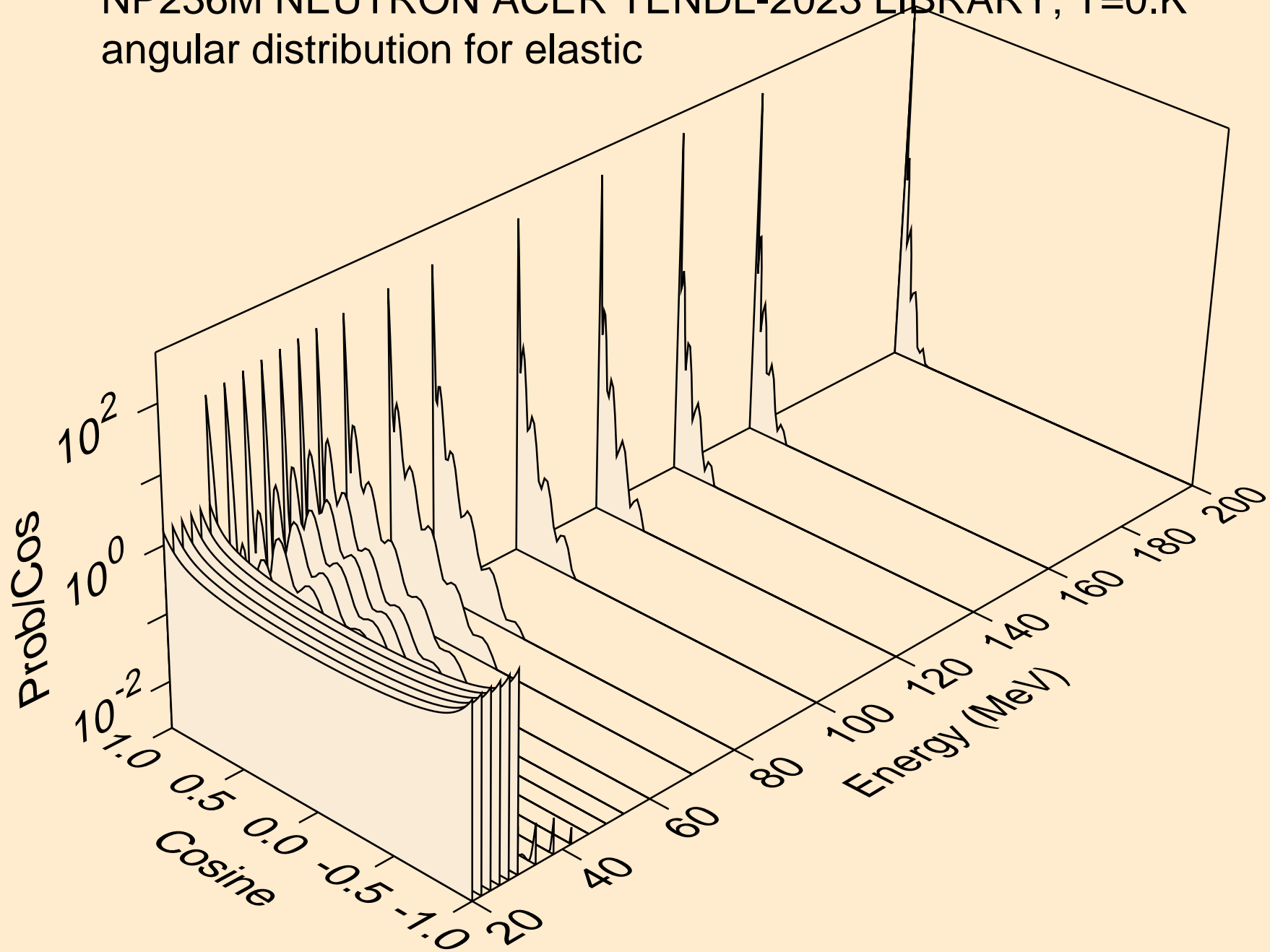
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Threshold reactions



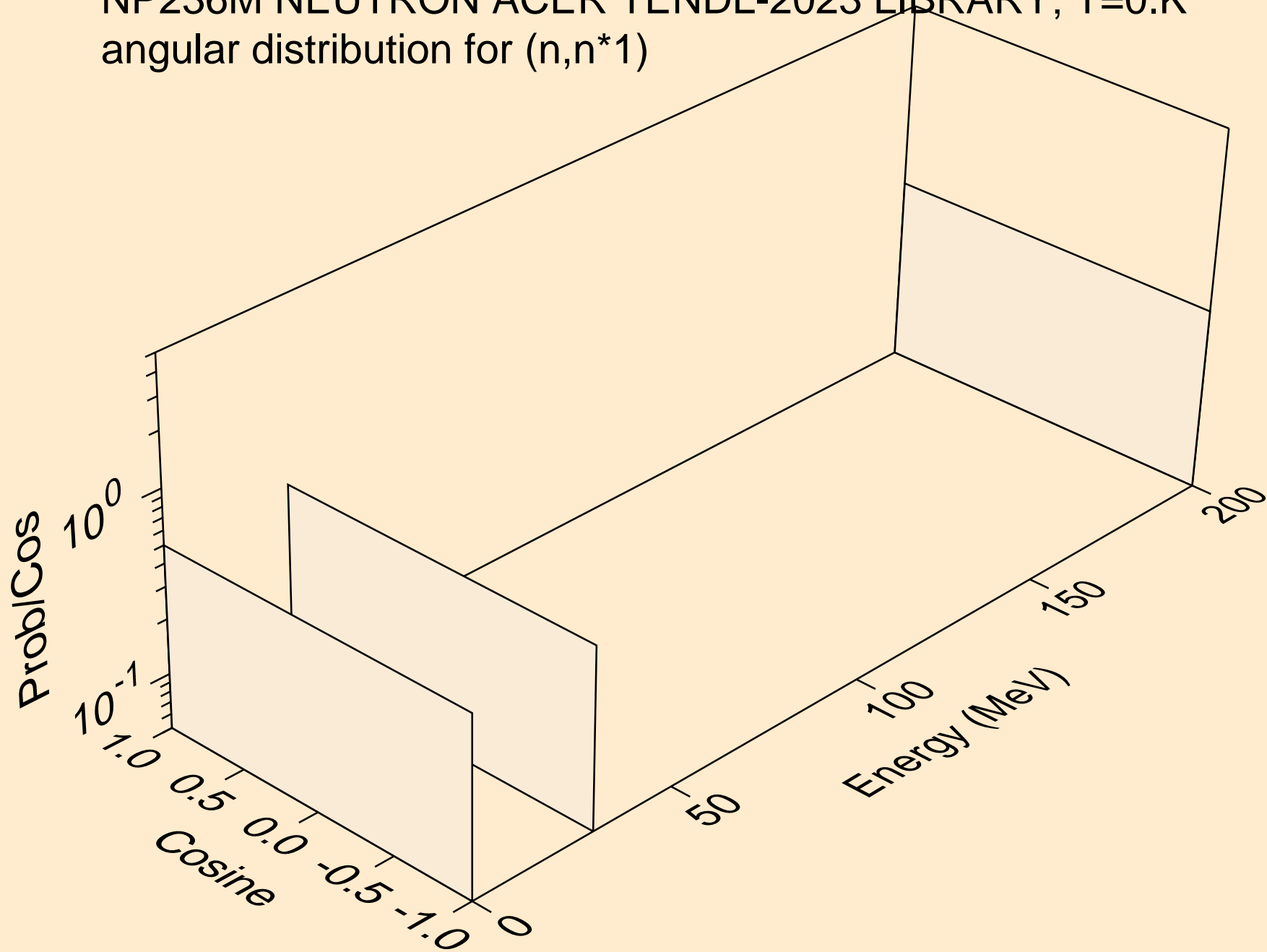
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



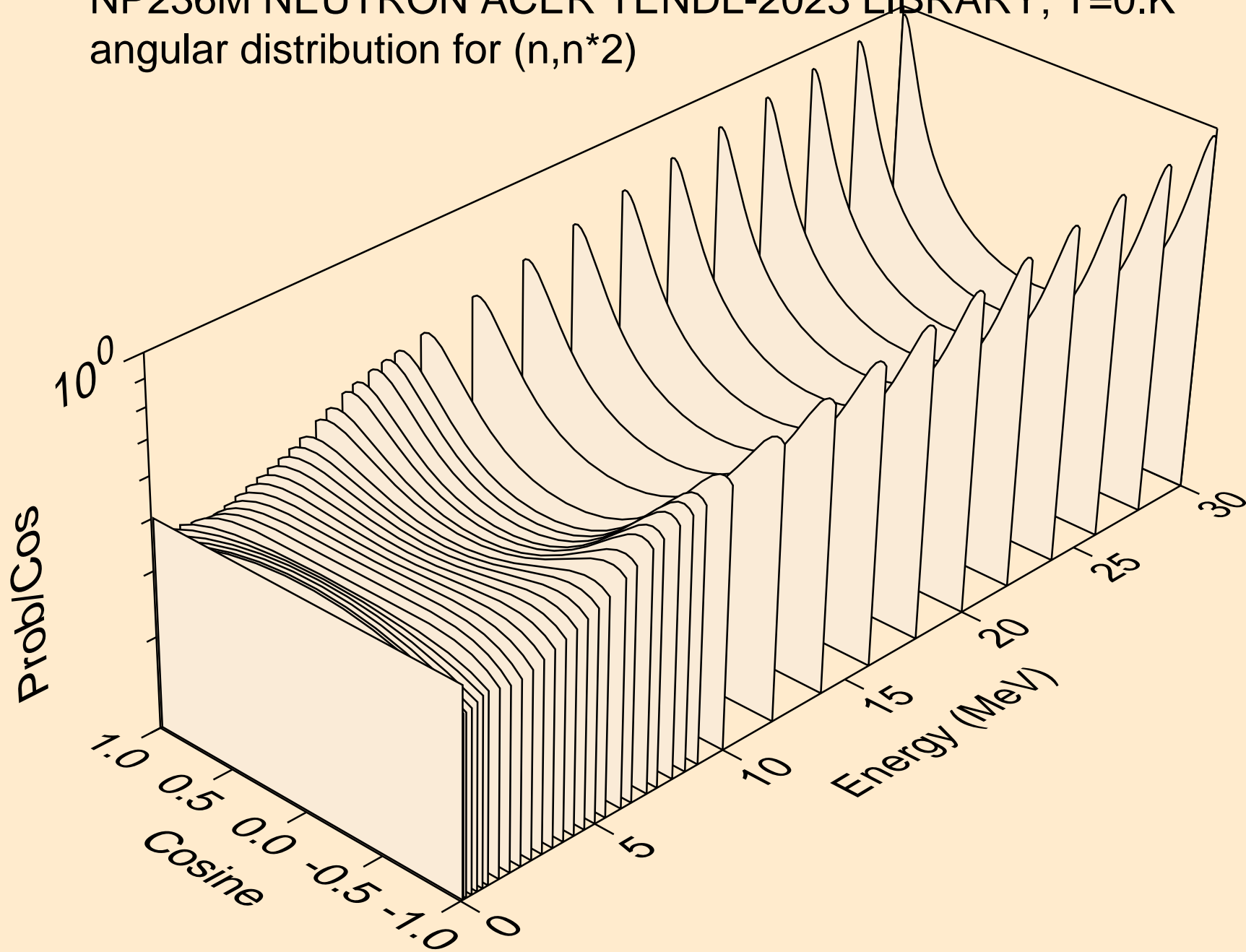
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angular distribution for elastic



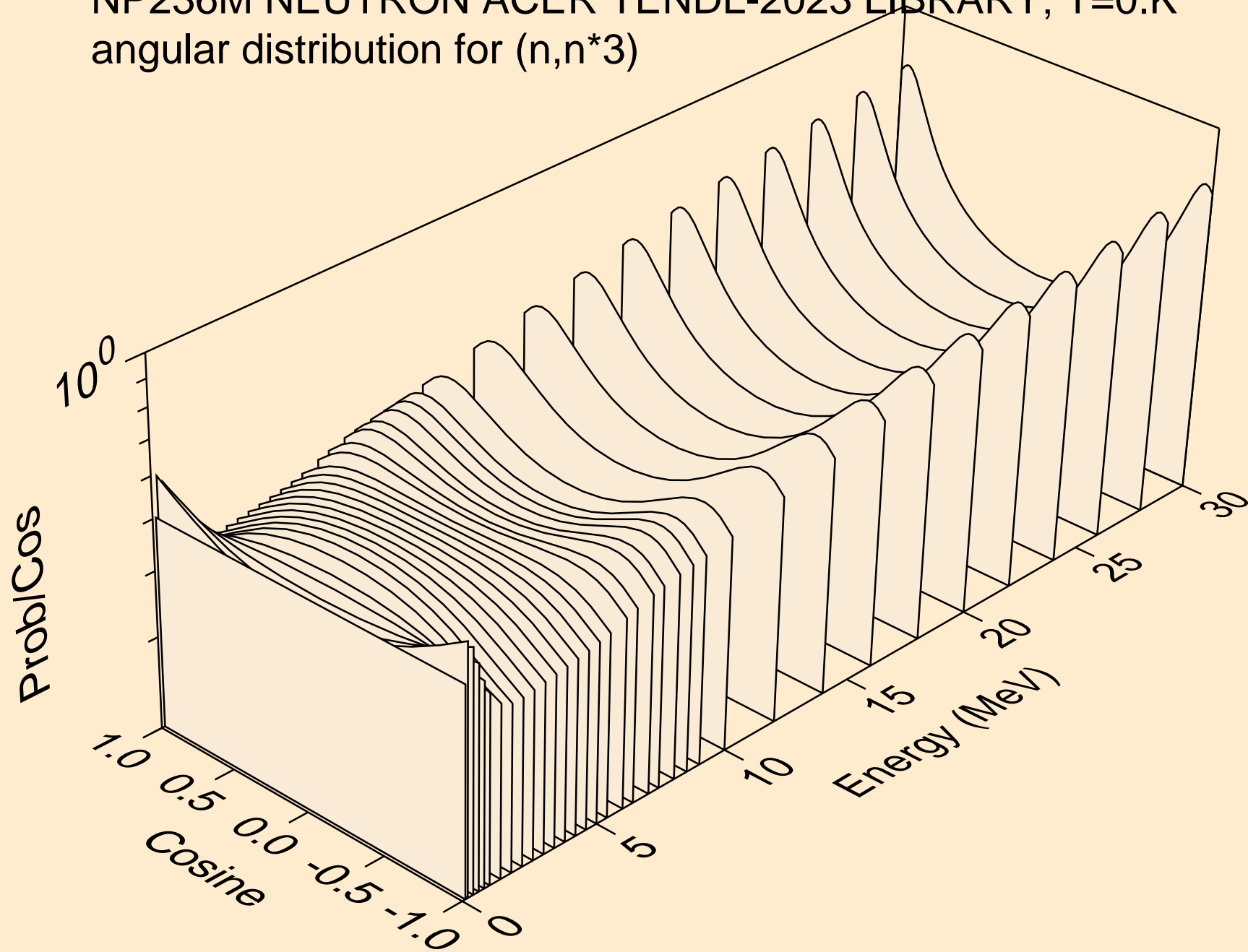
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

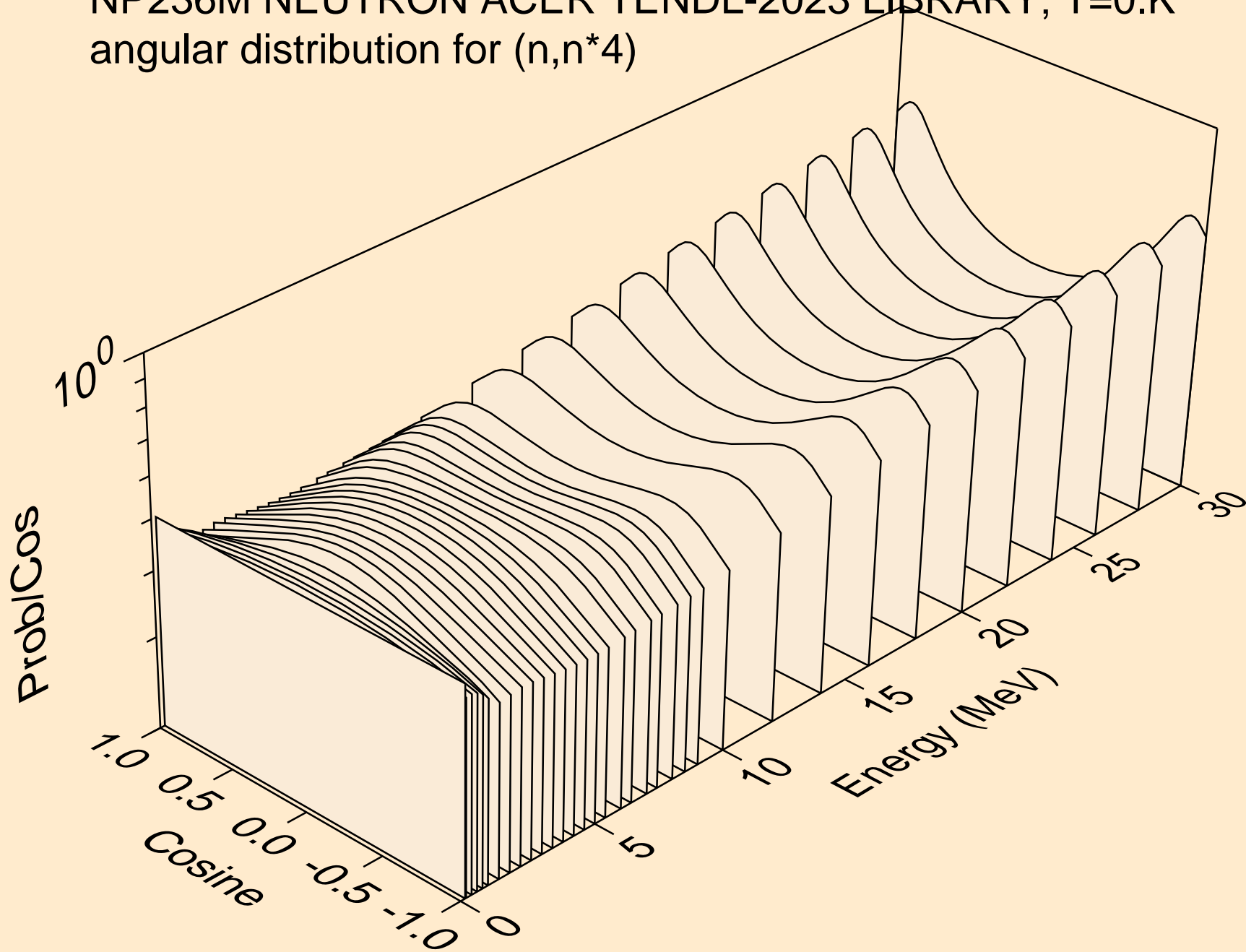


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

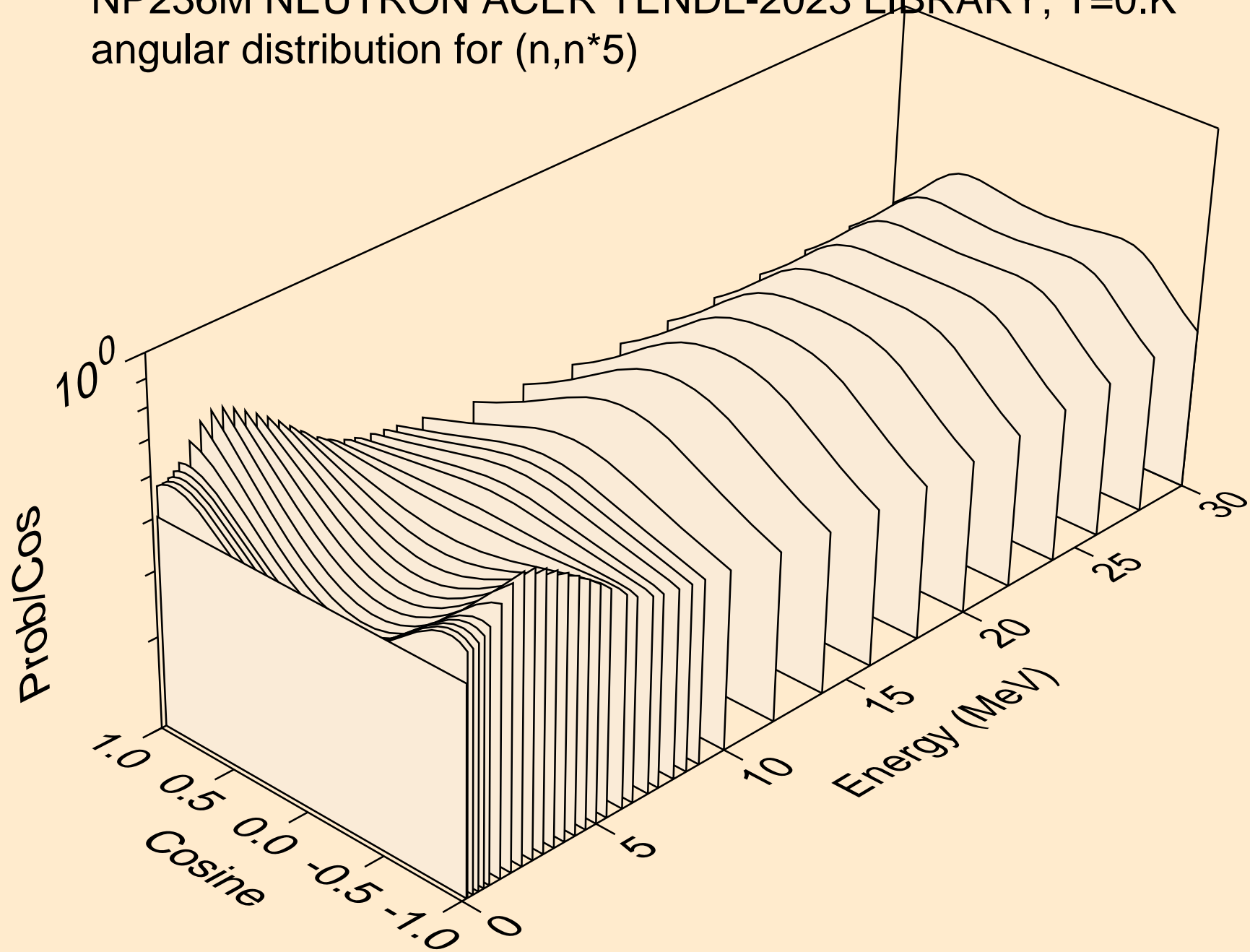




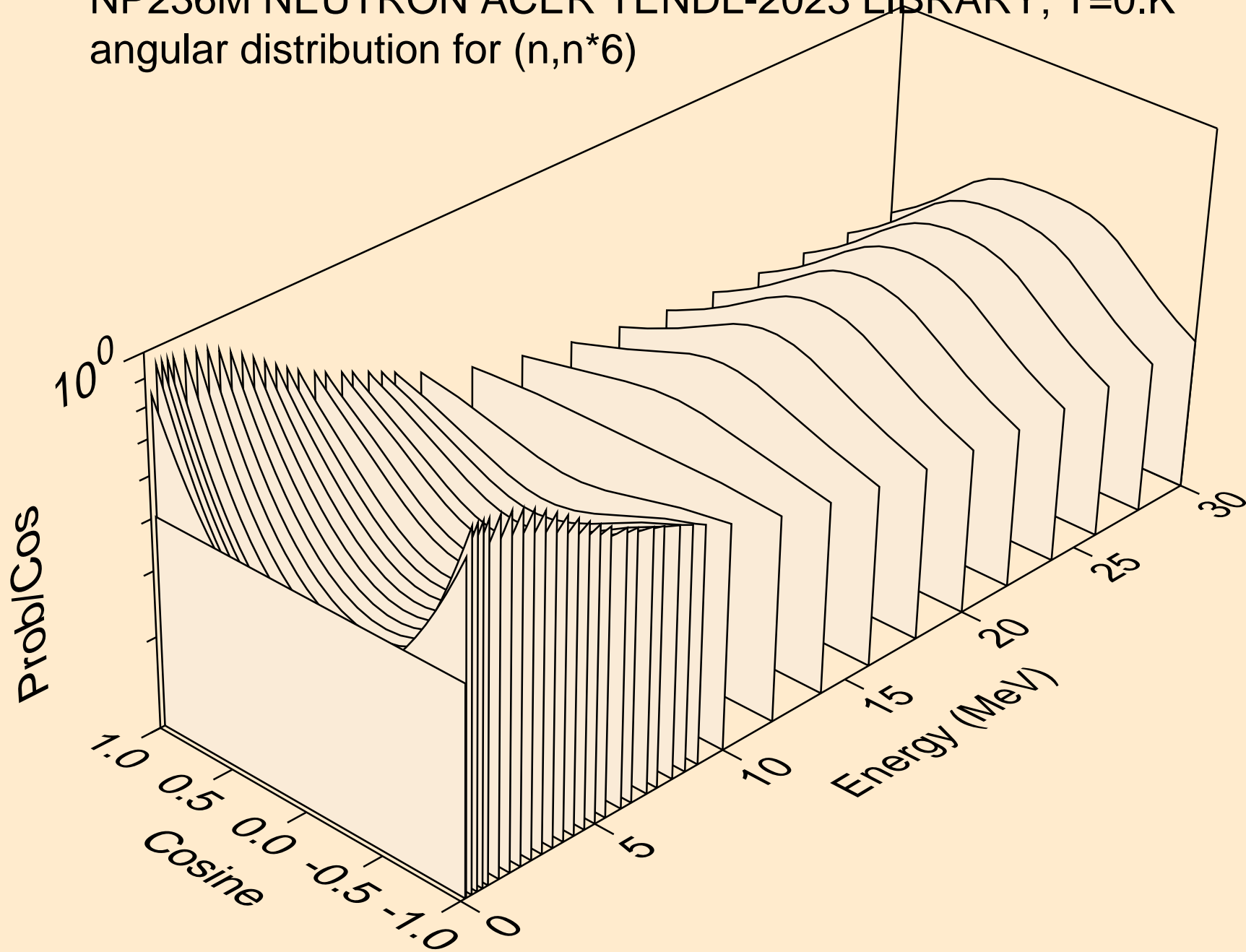
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angular distribution for (n,n\*4)



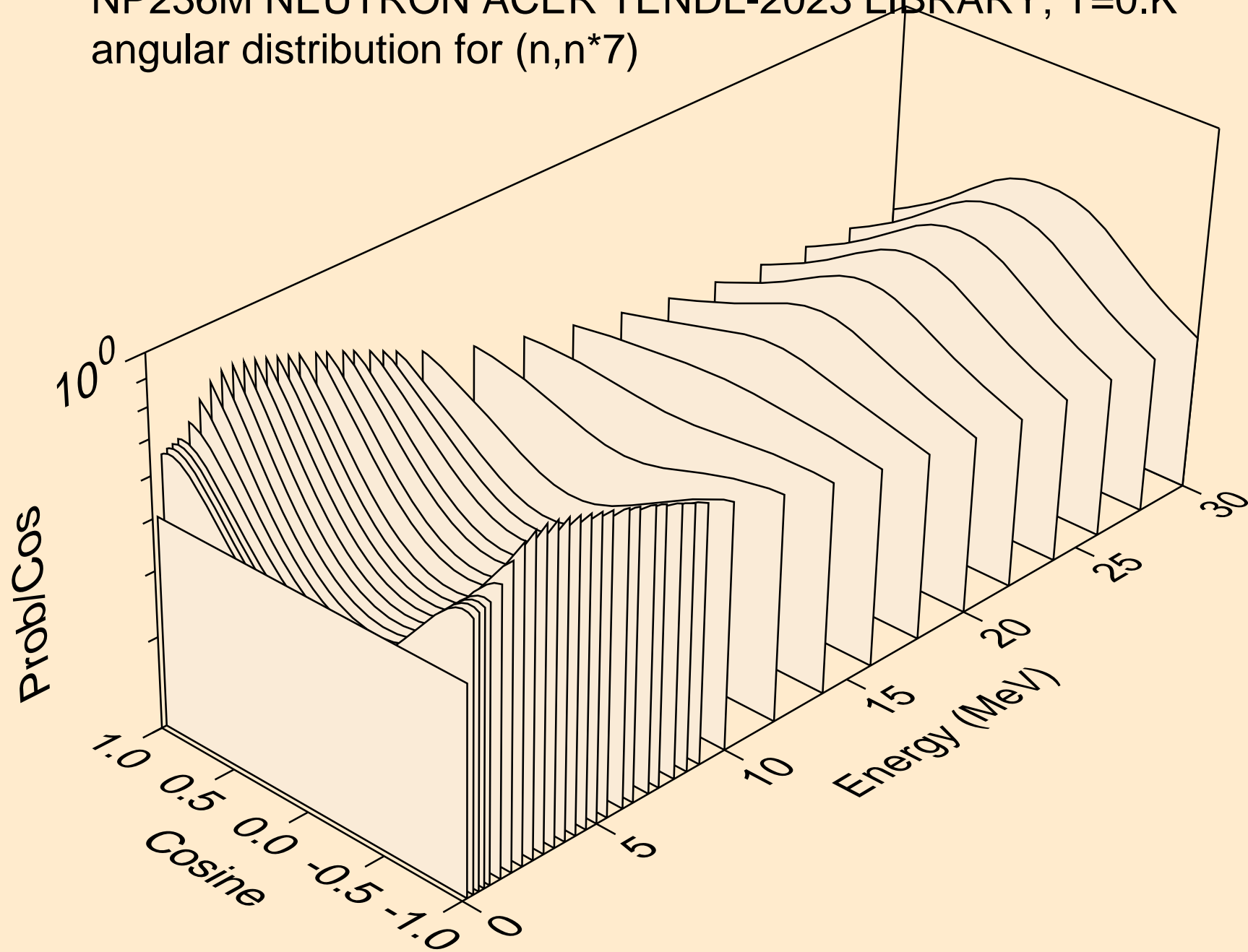
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angular distribution for (n,n\*5)



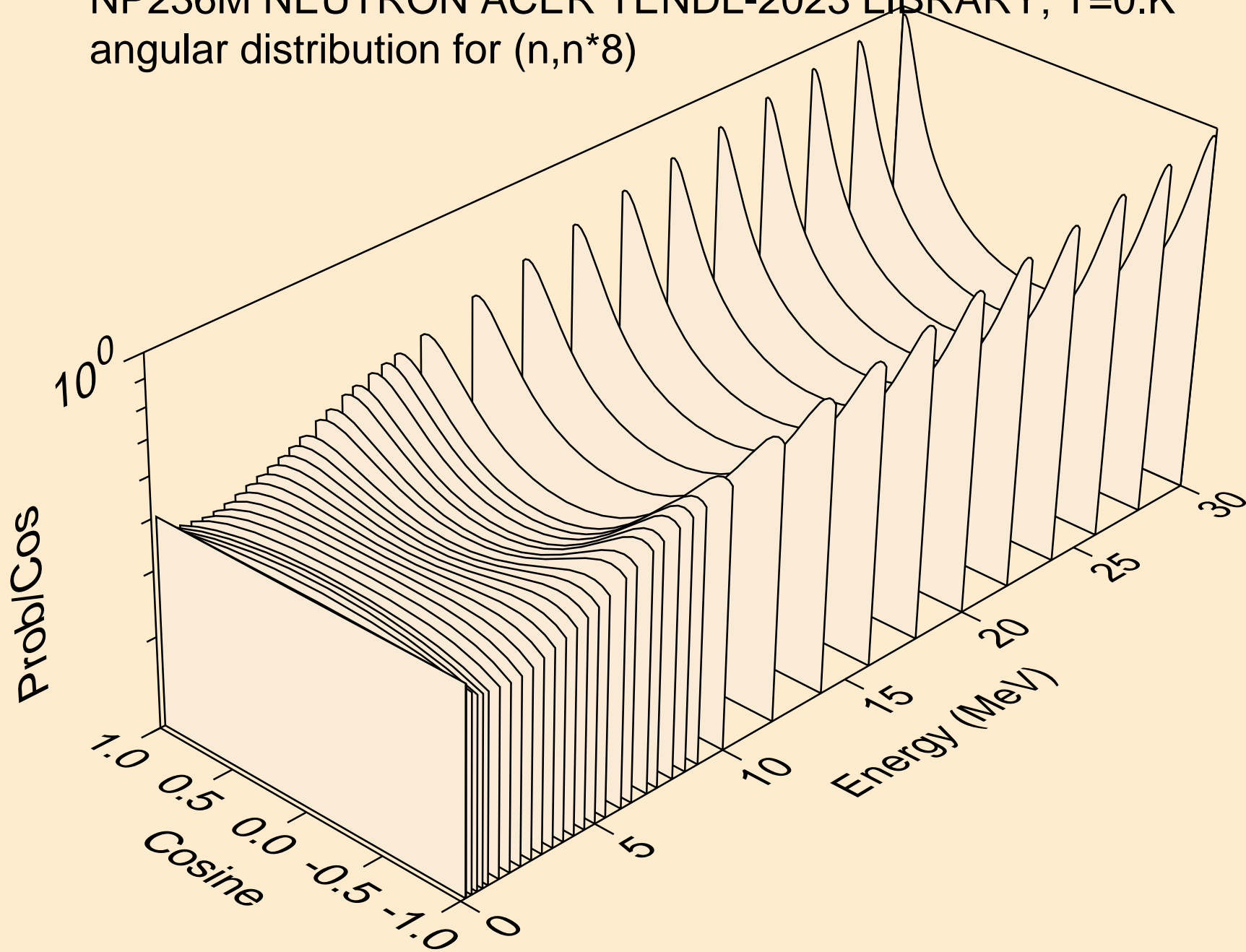
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angular distribution for (n,n\*6)



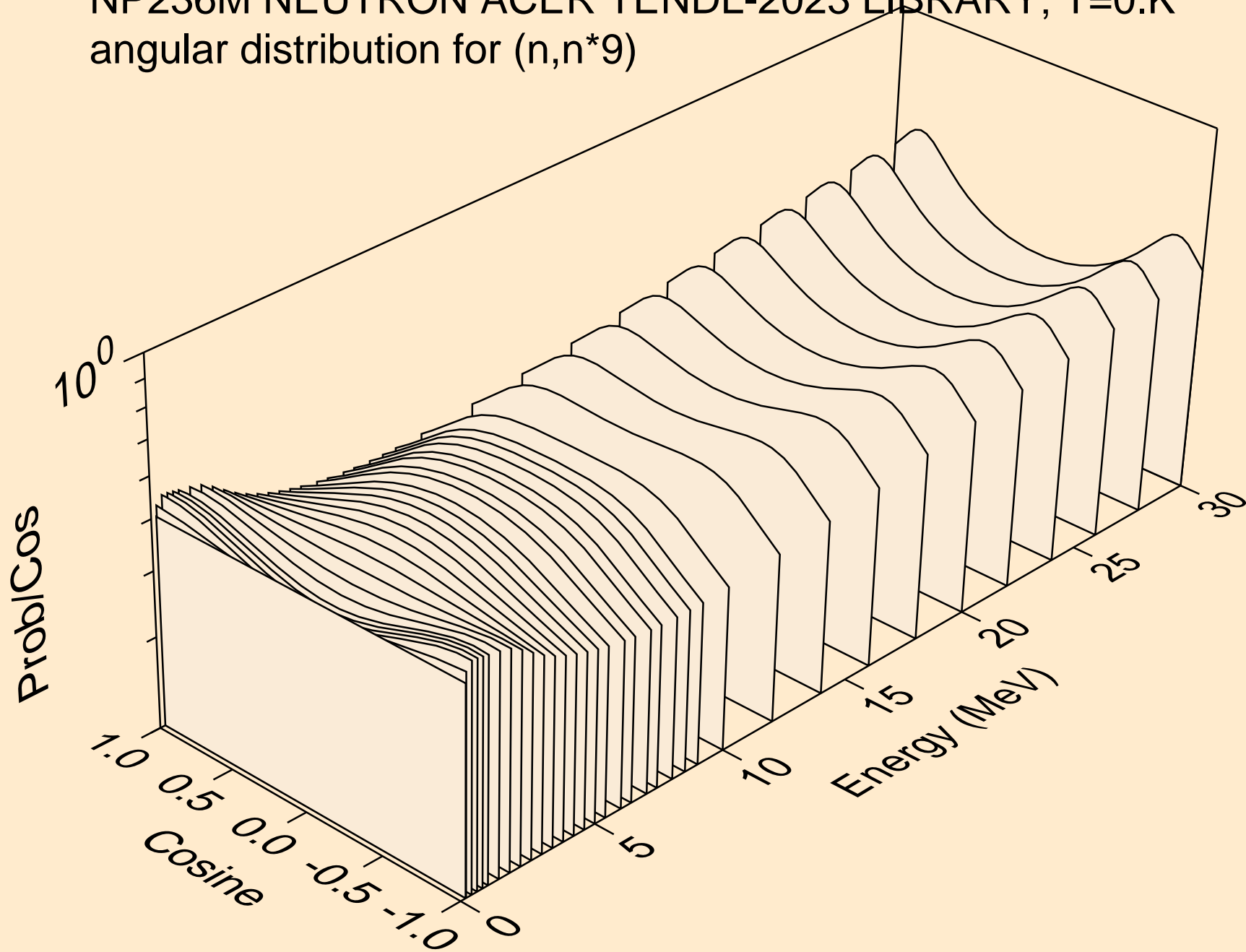
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angular distribution for (n,n\*7)



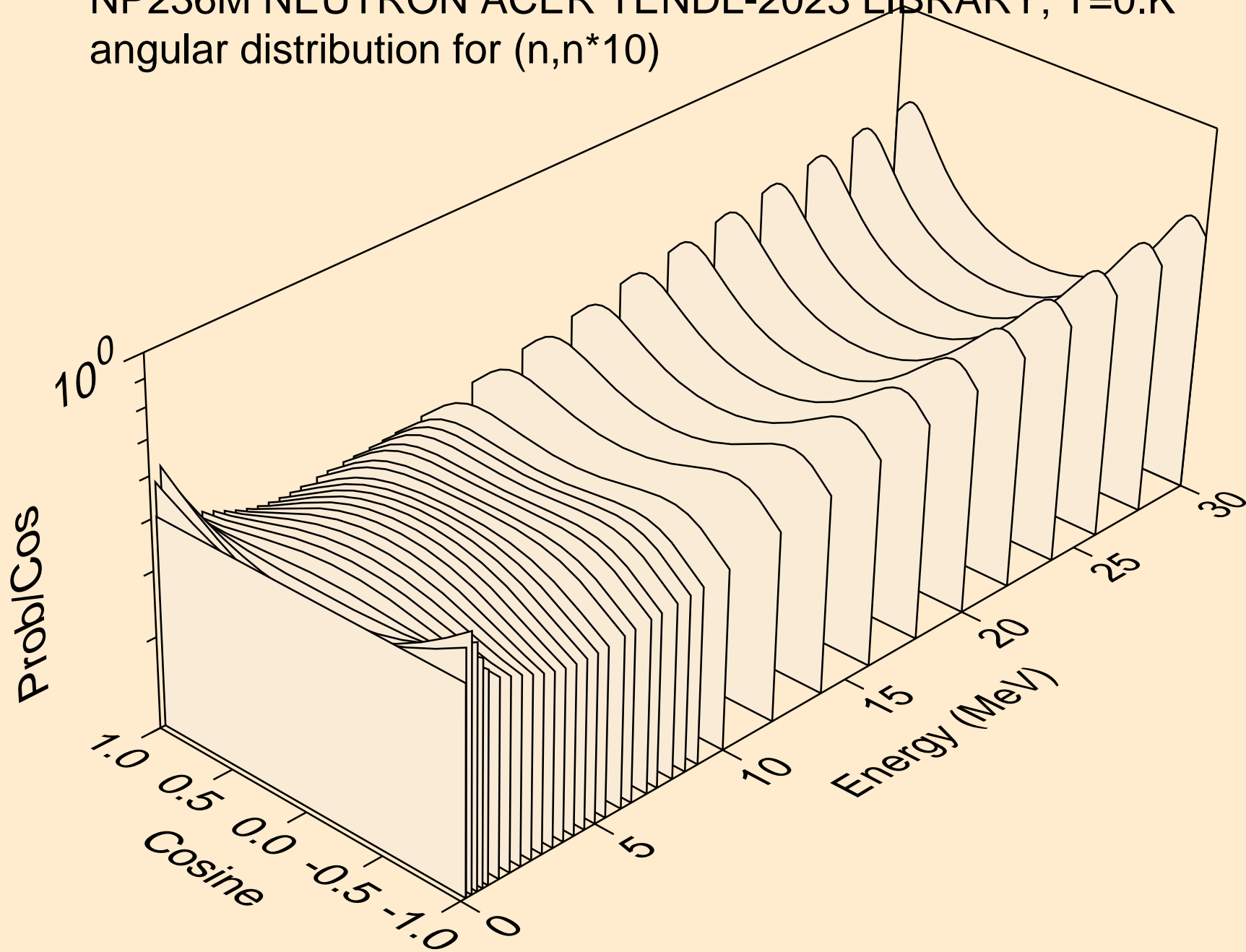
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angular distribution for (n,n\*8)



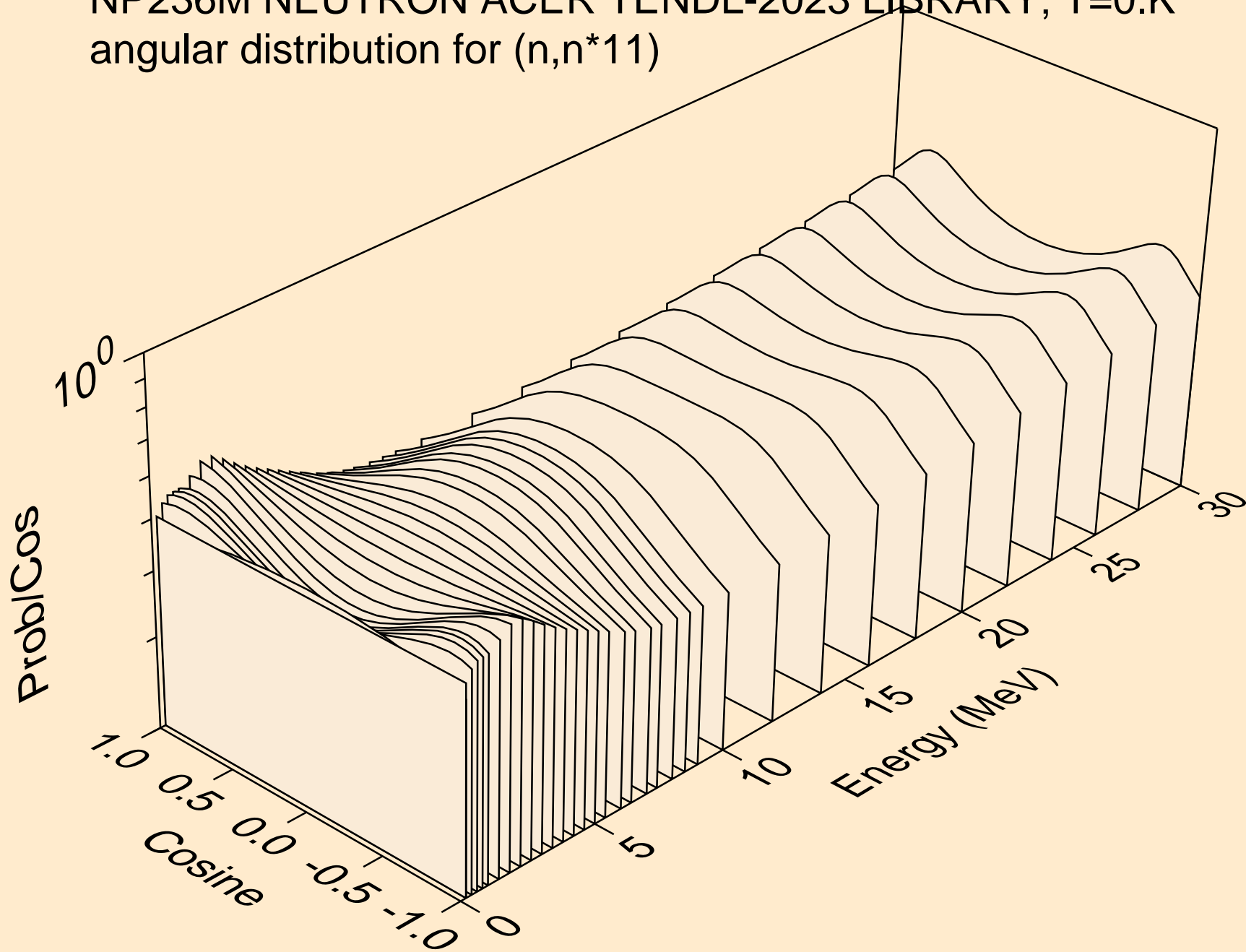
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

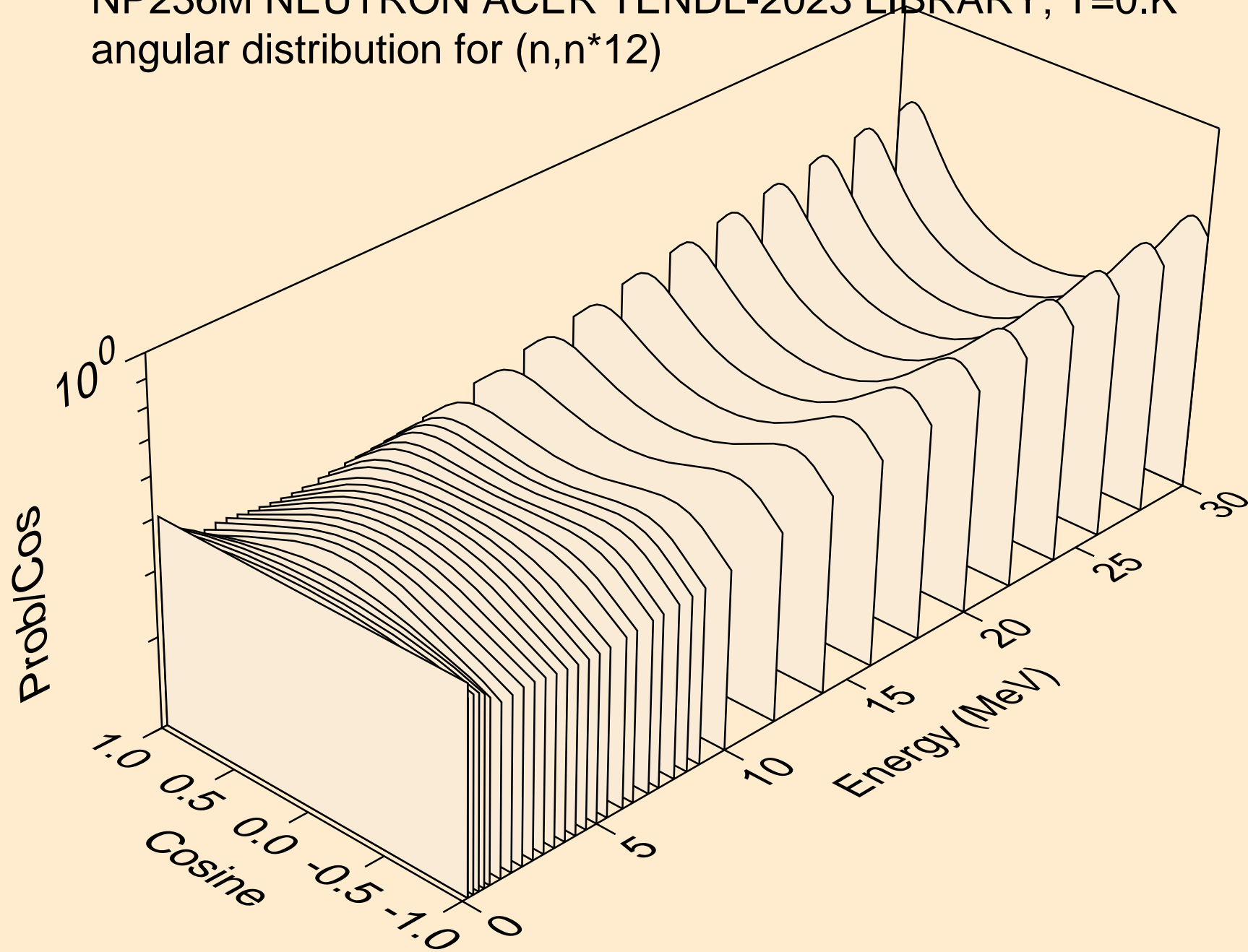


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

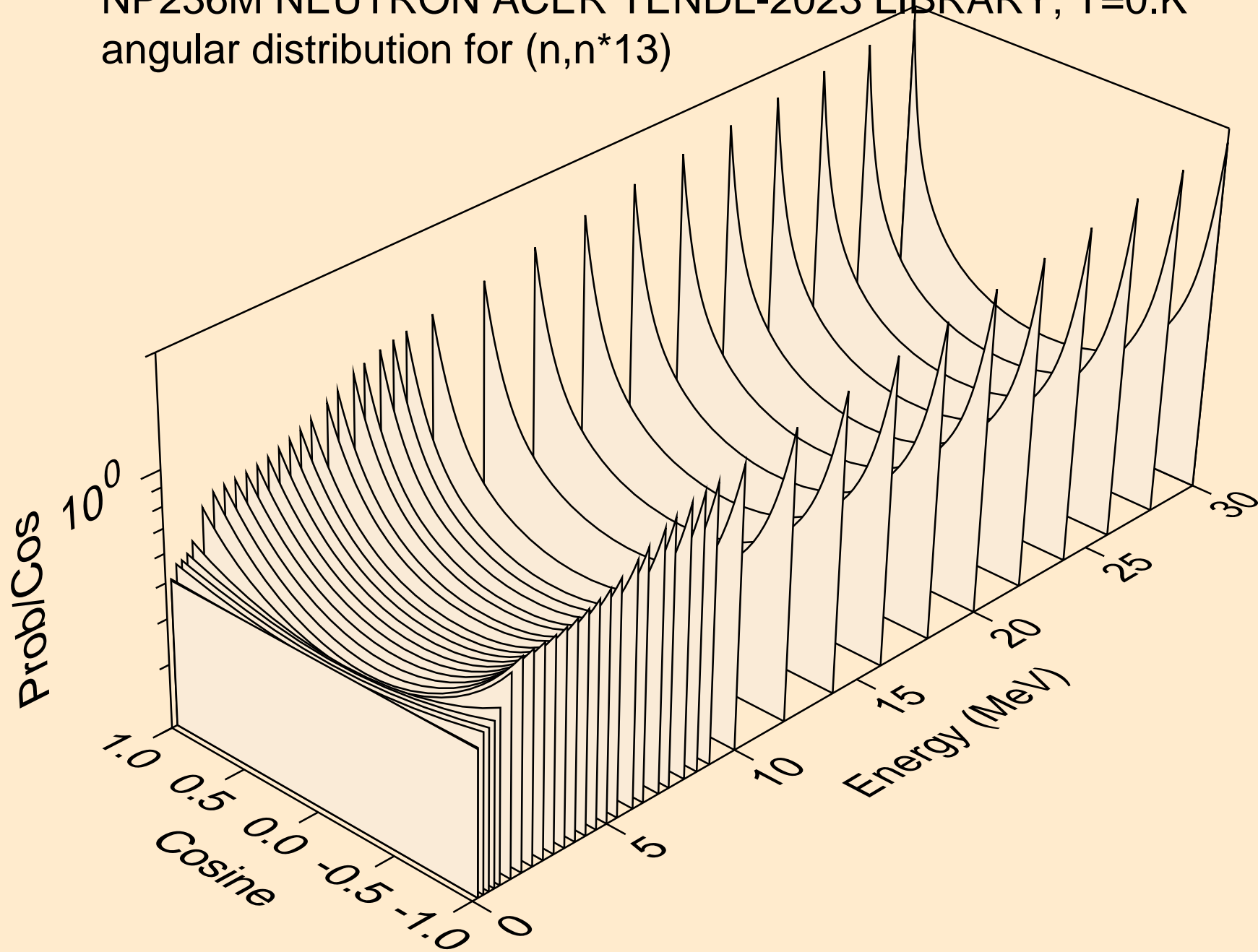




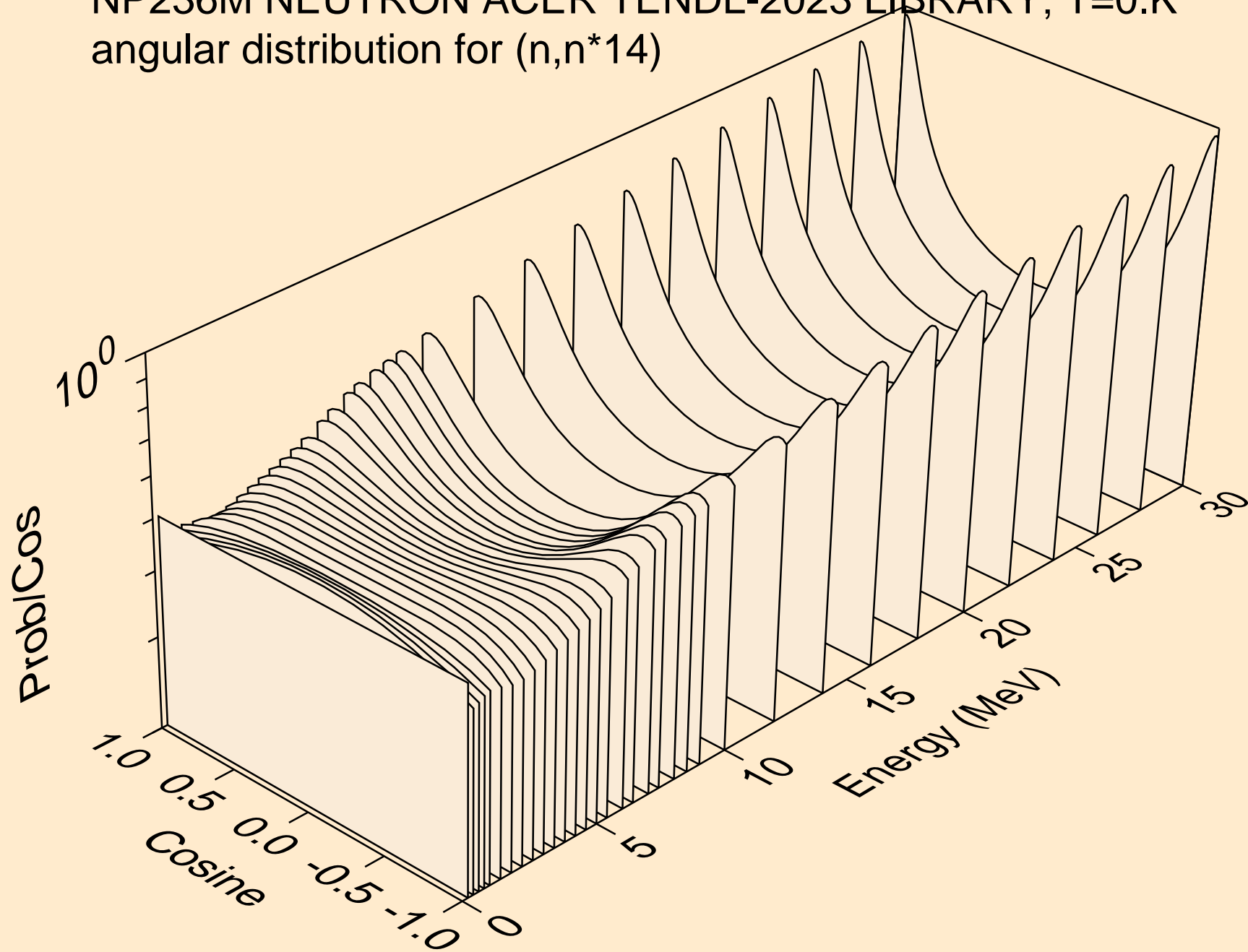
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angular distribution for (n,n\*12)



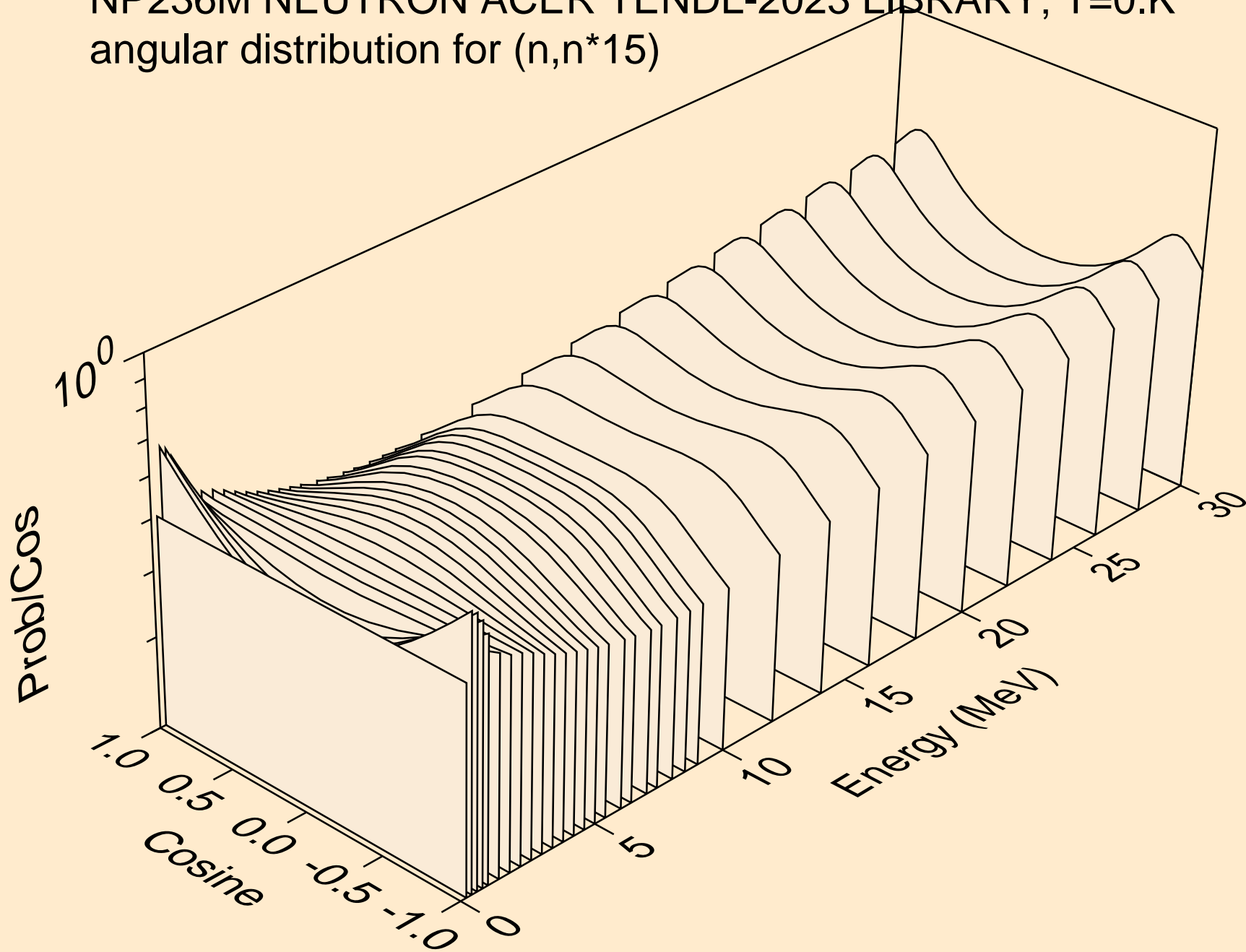
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angular distribution for (n,n\*13)



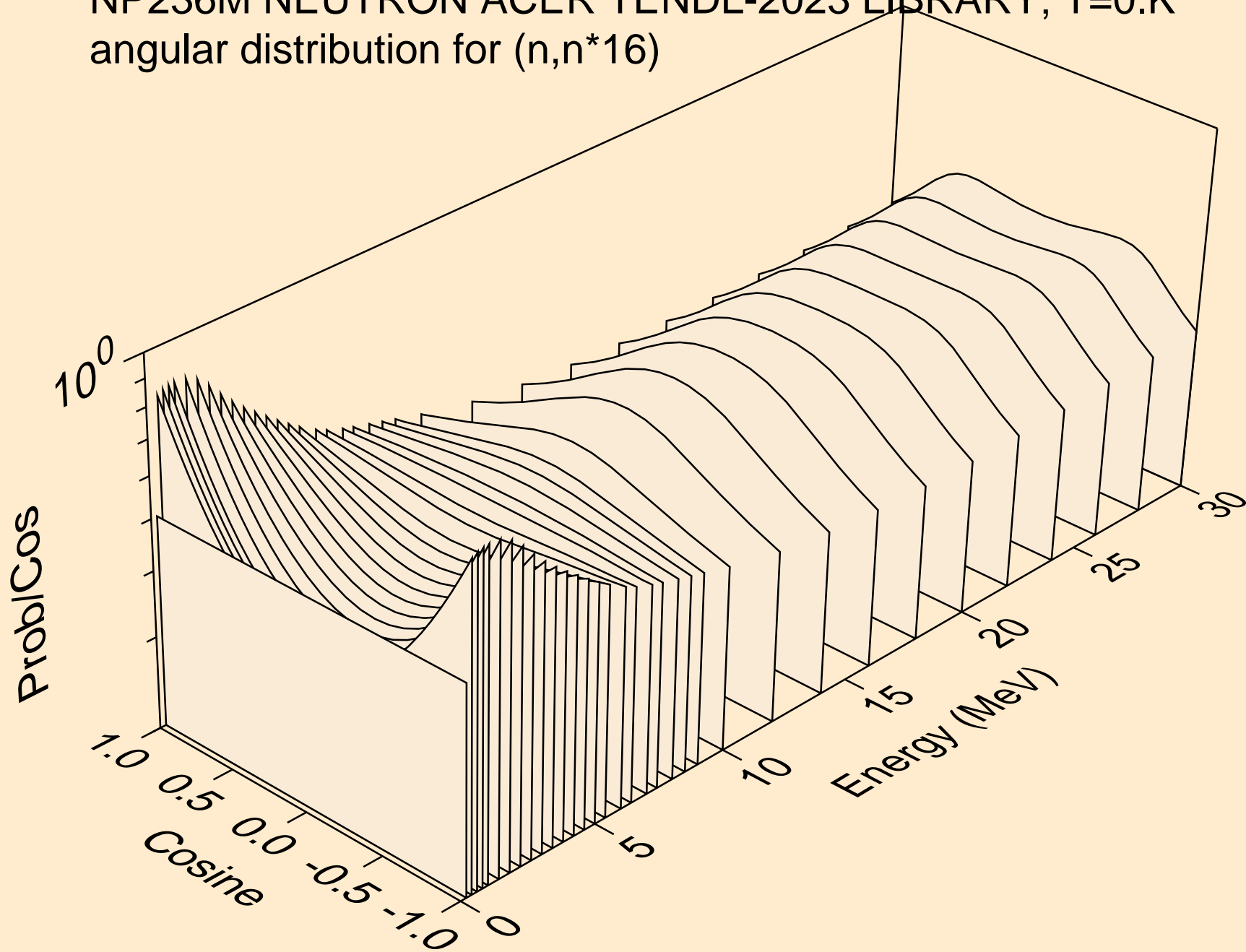
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angular distribution for (n,n\*14)



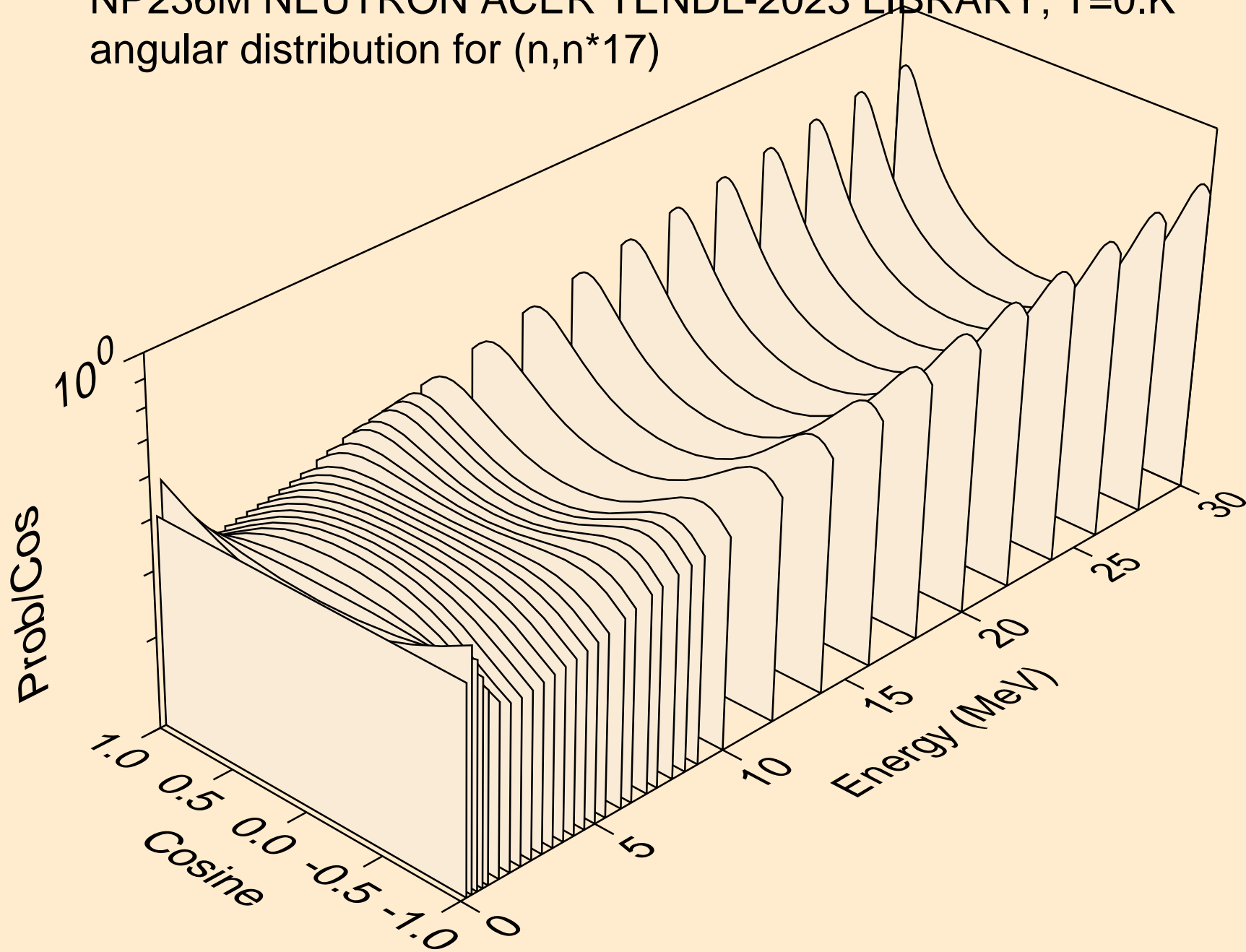
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angular distribution for (n,n\*15)



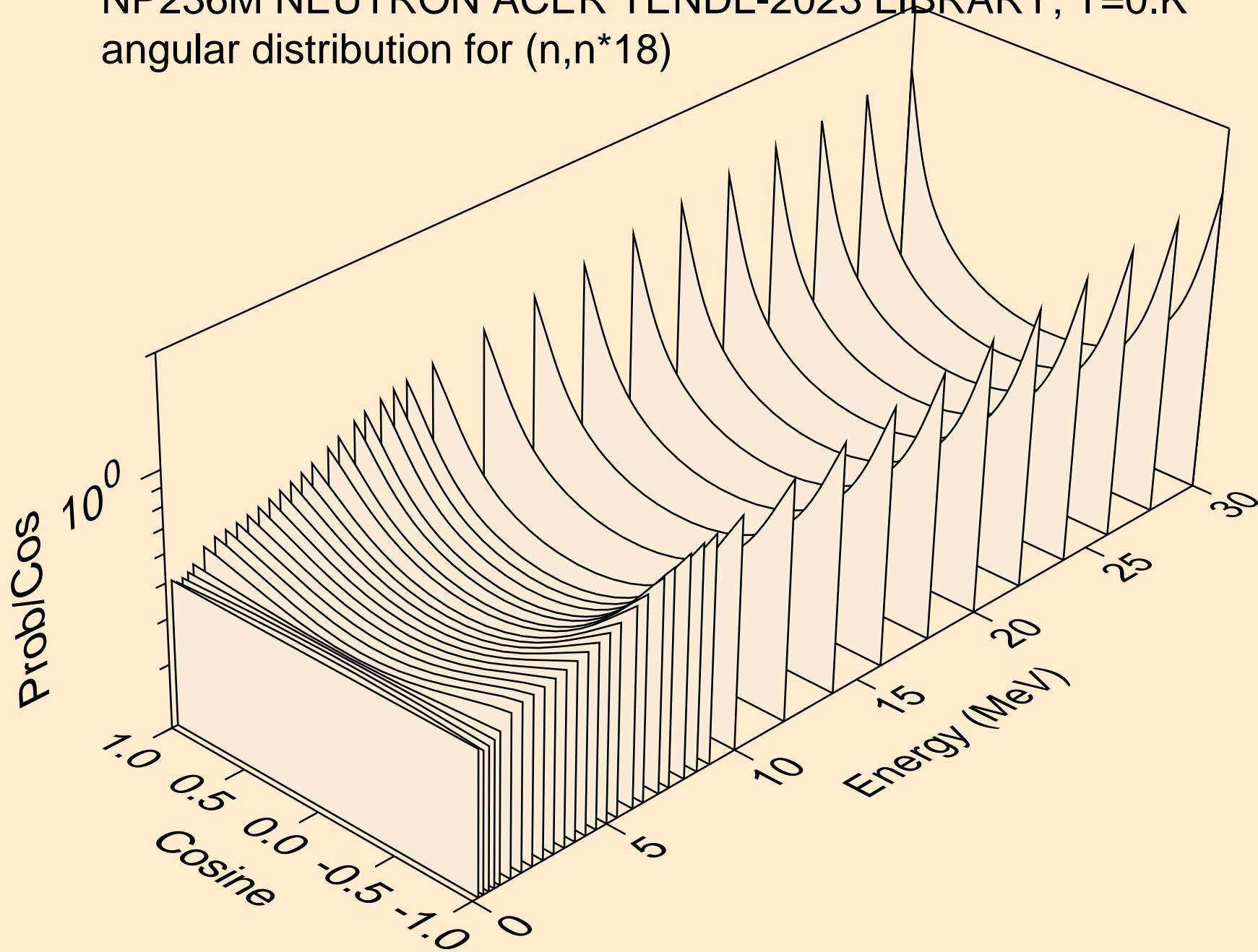
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

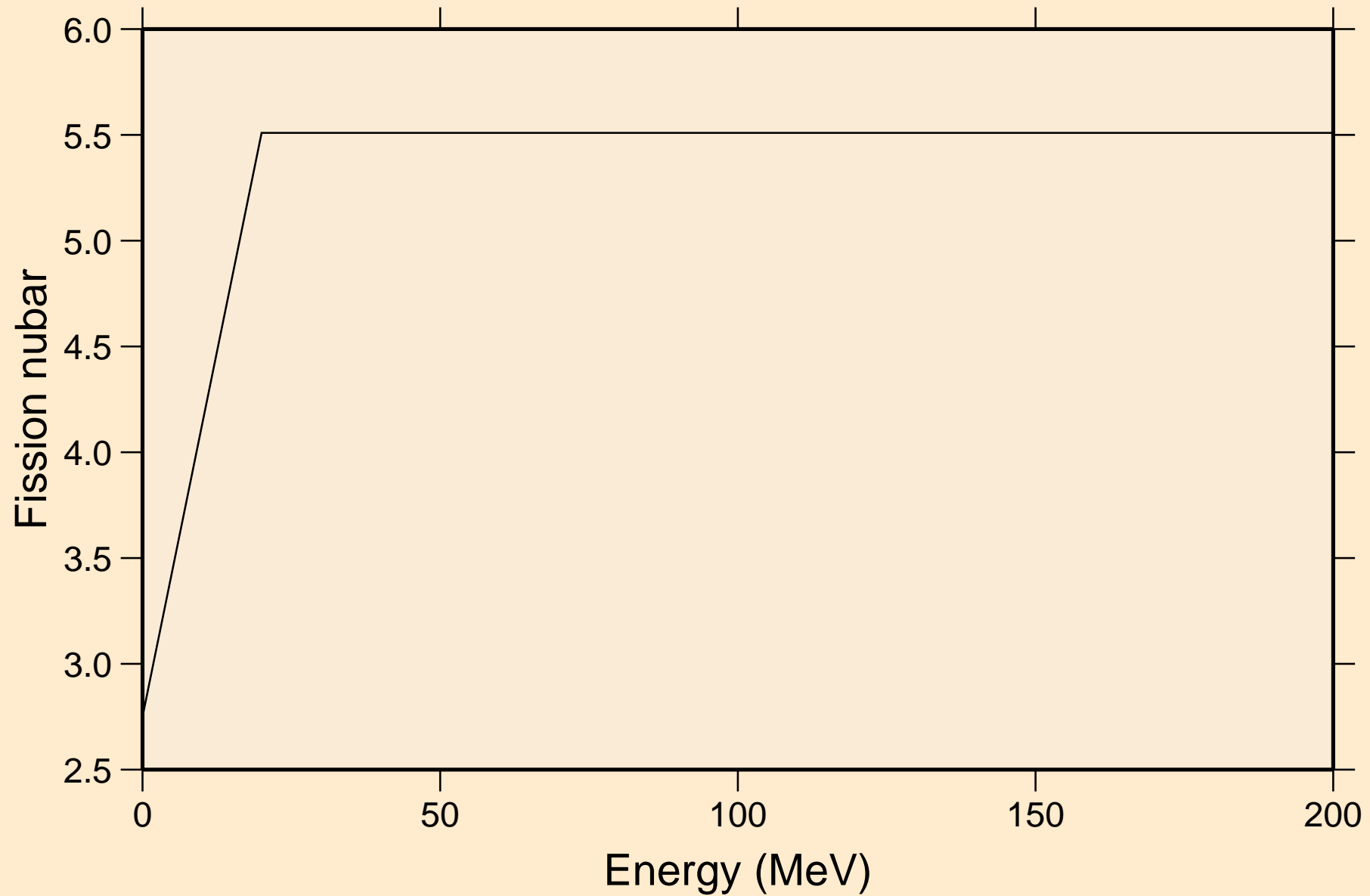


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angular distribution for (n,n\*18)



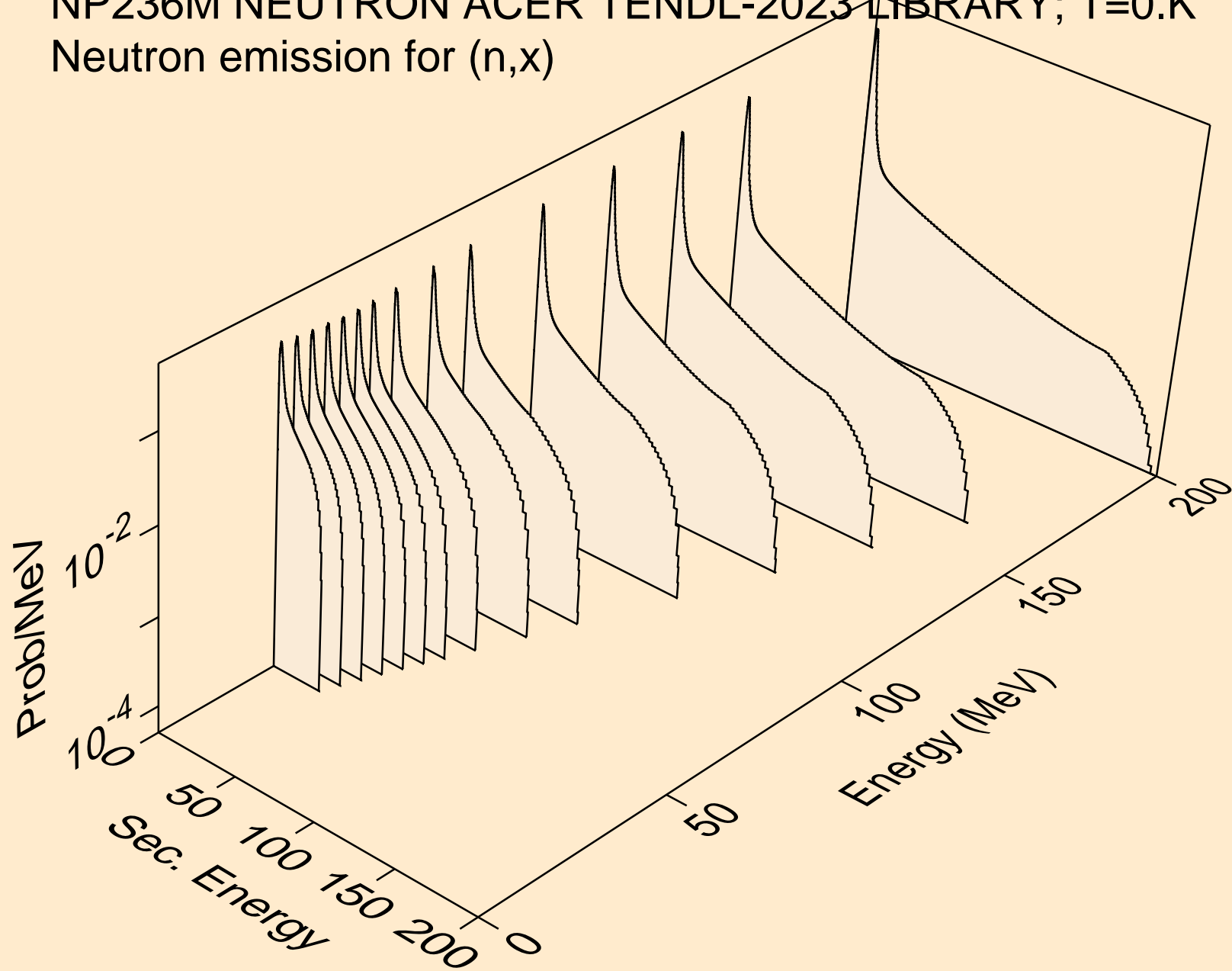
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Total fission nubar

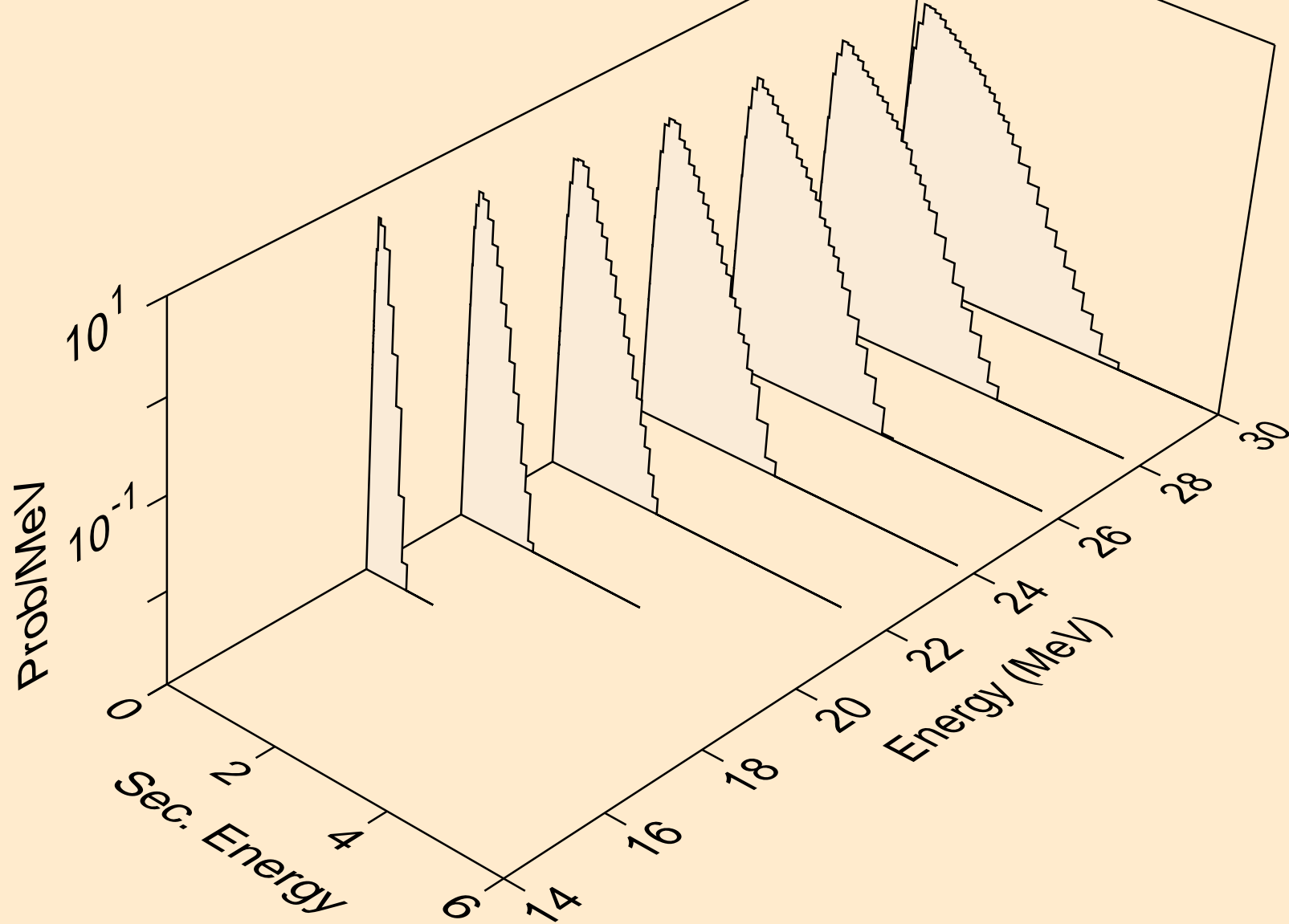




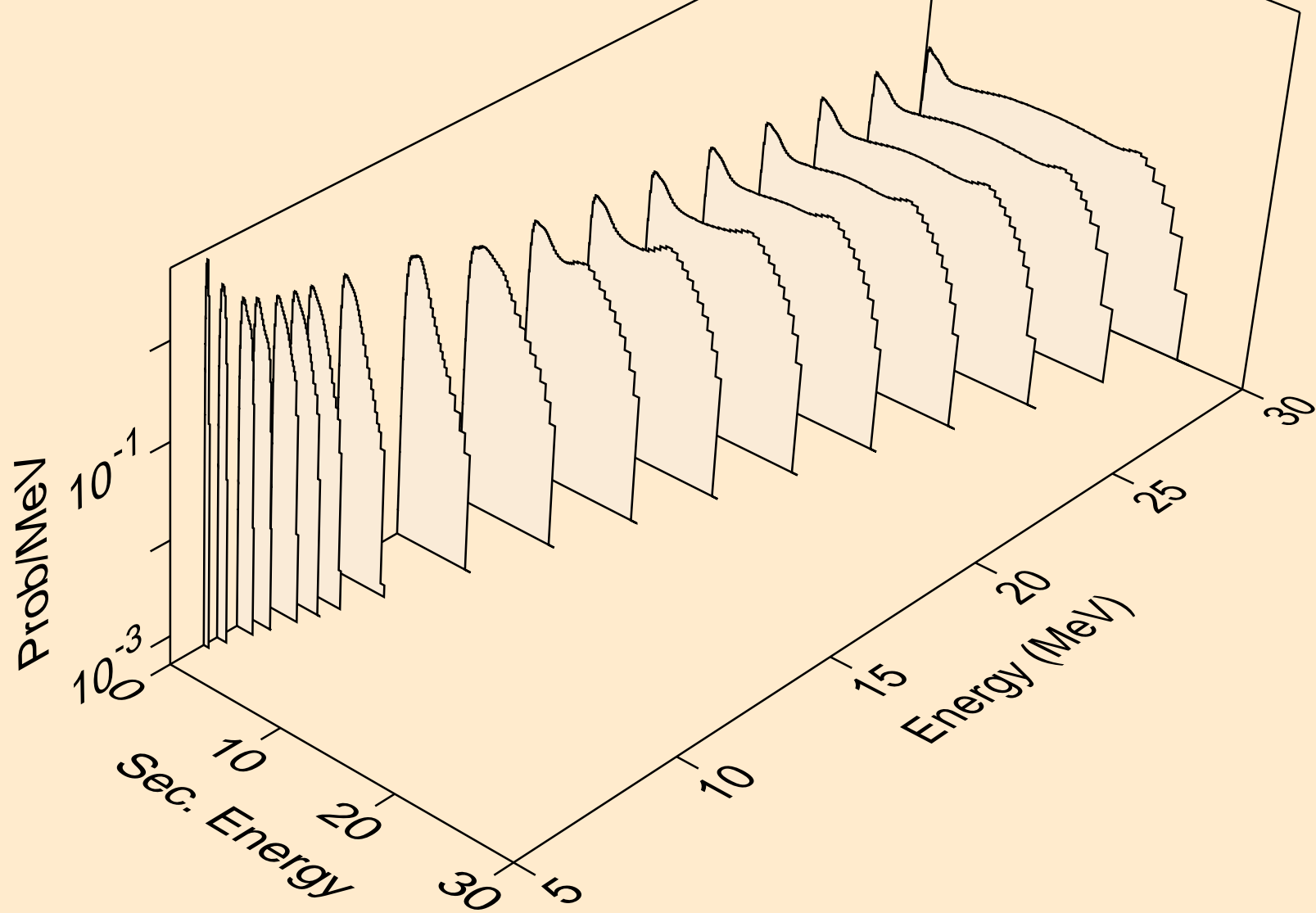
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Neutron emission for (n,x)



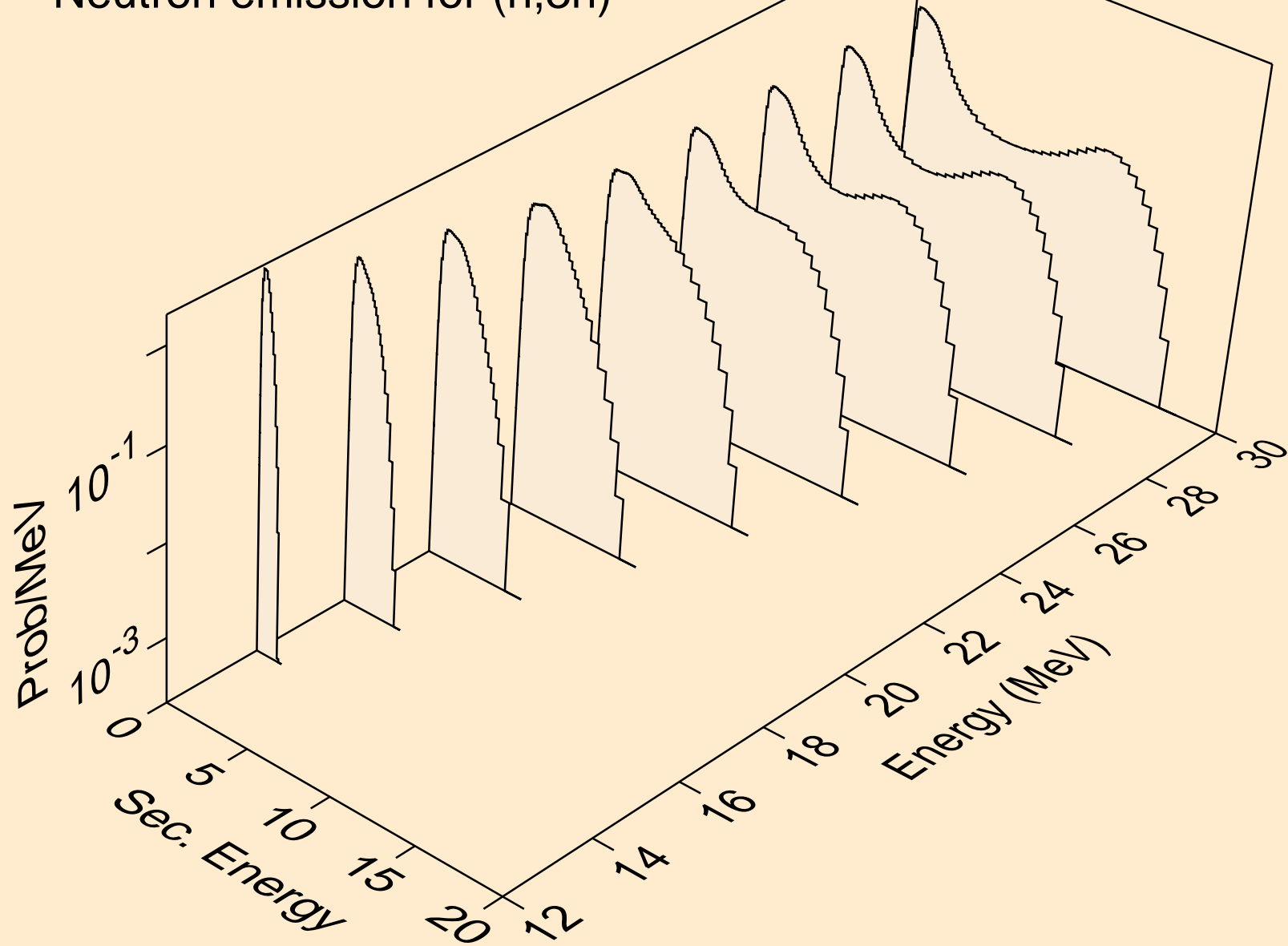
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



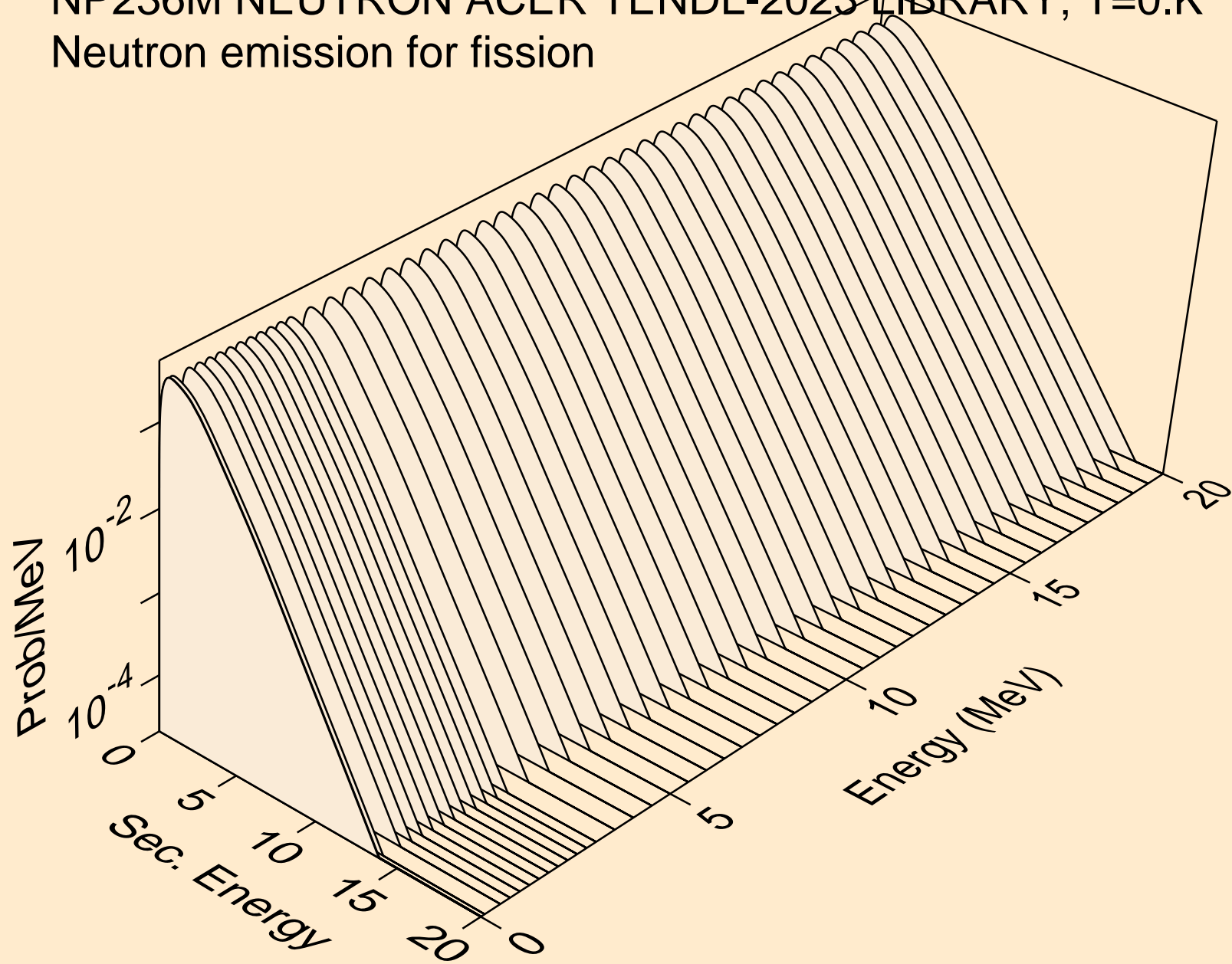
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



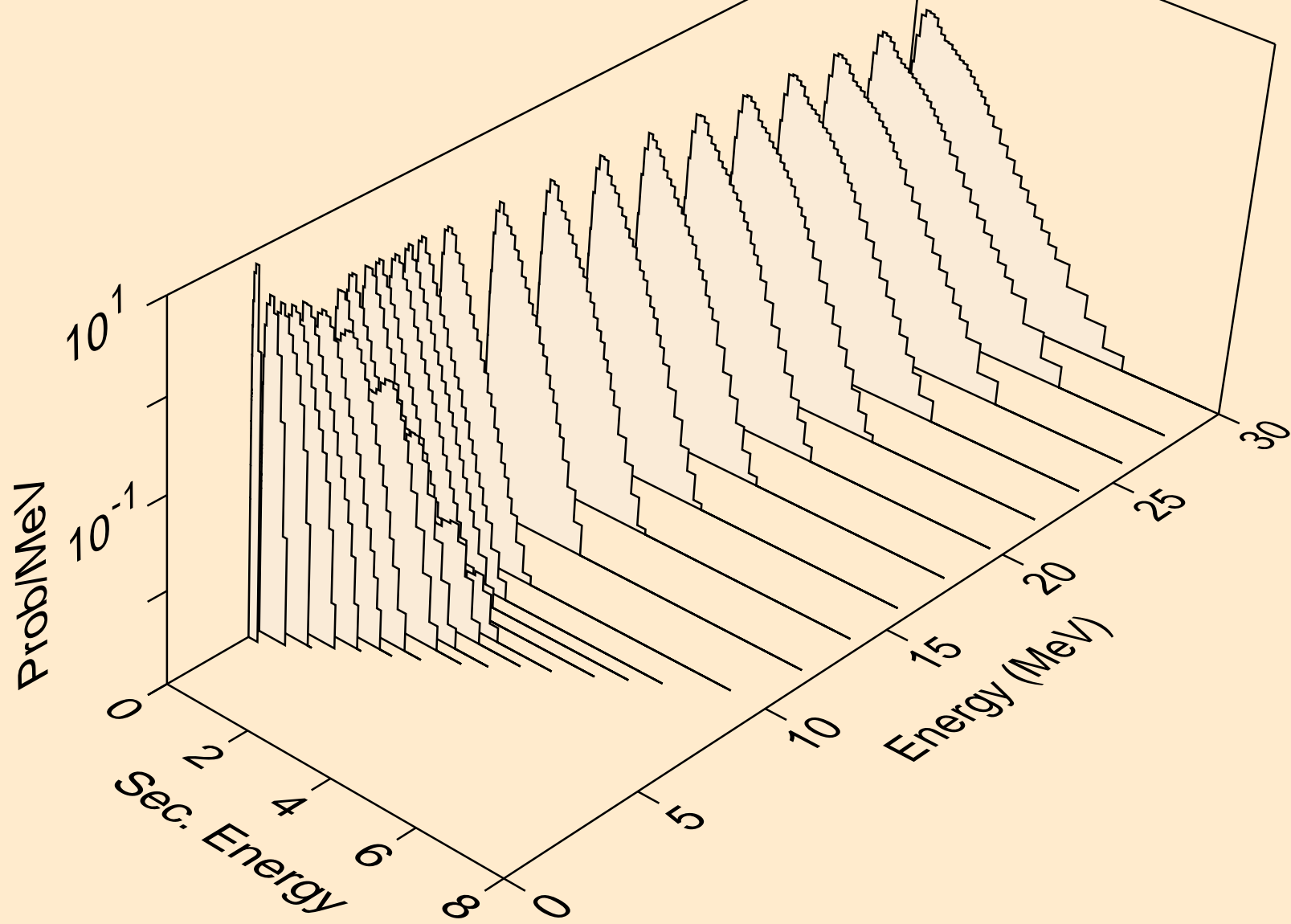
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



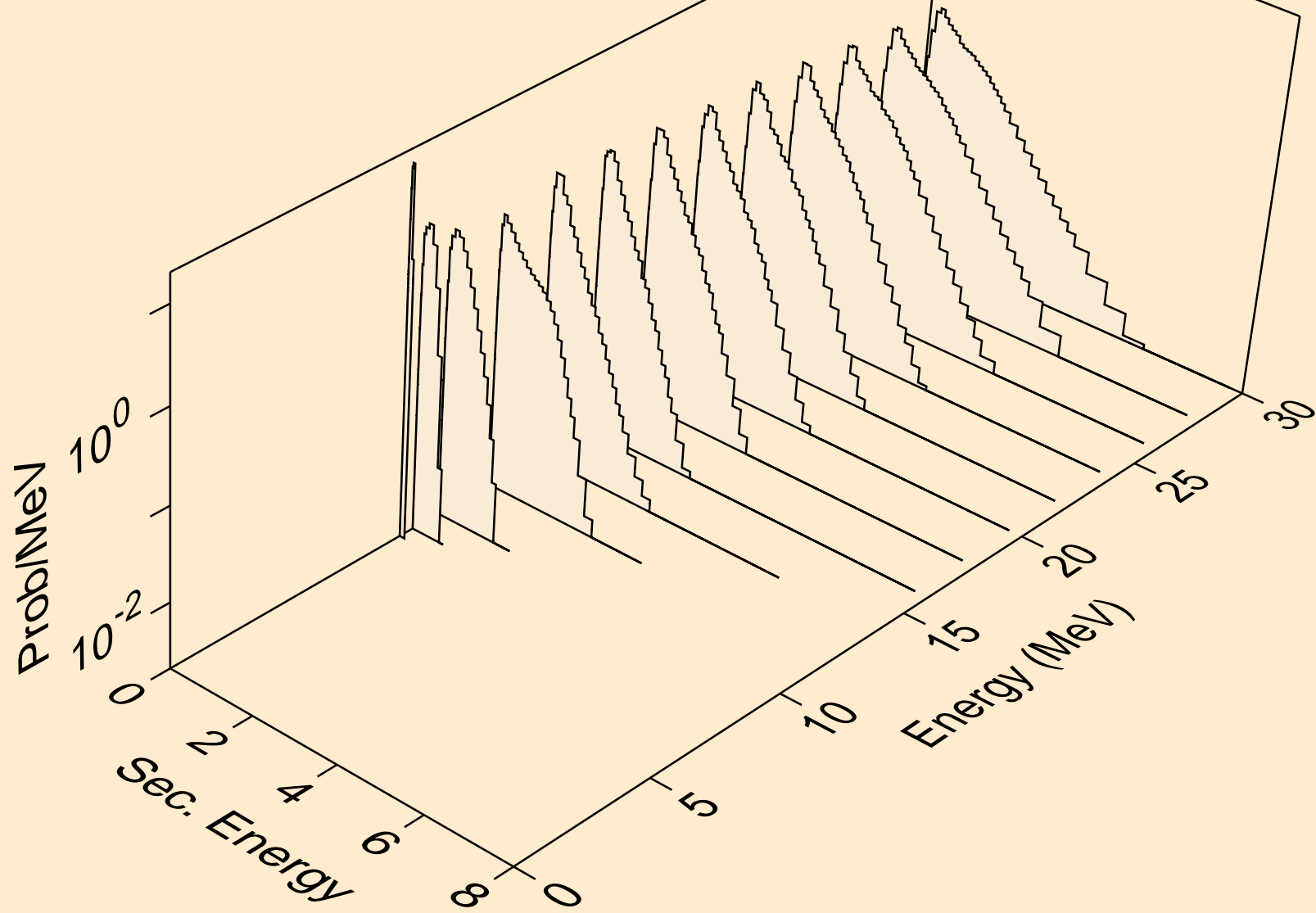
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Neutron emission for fission



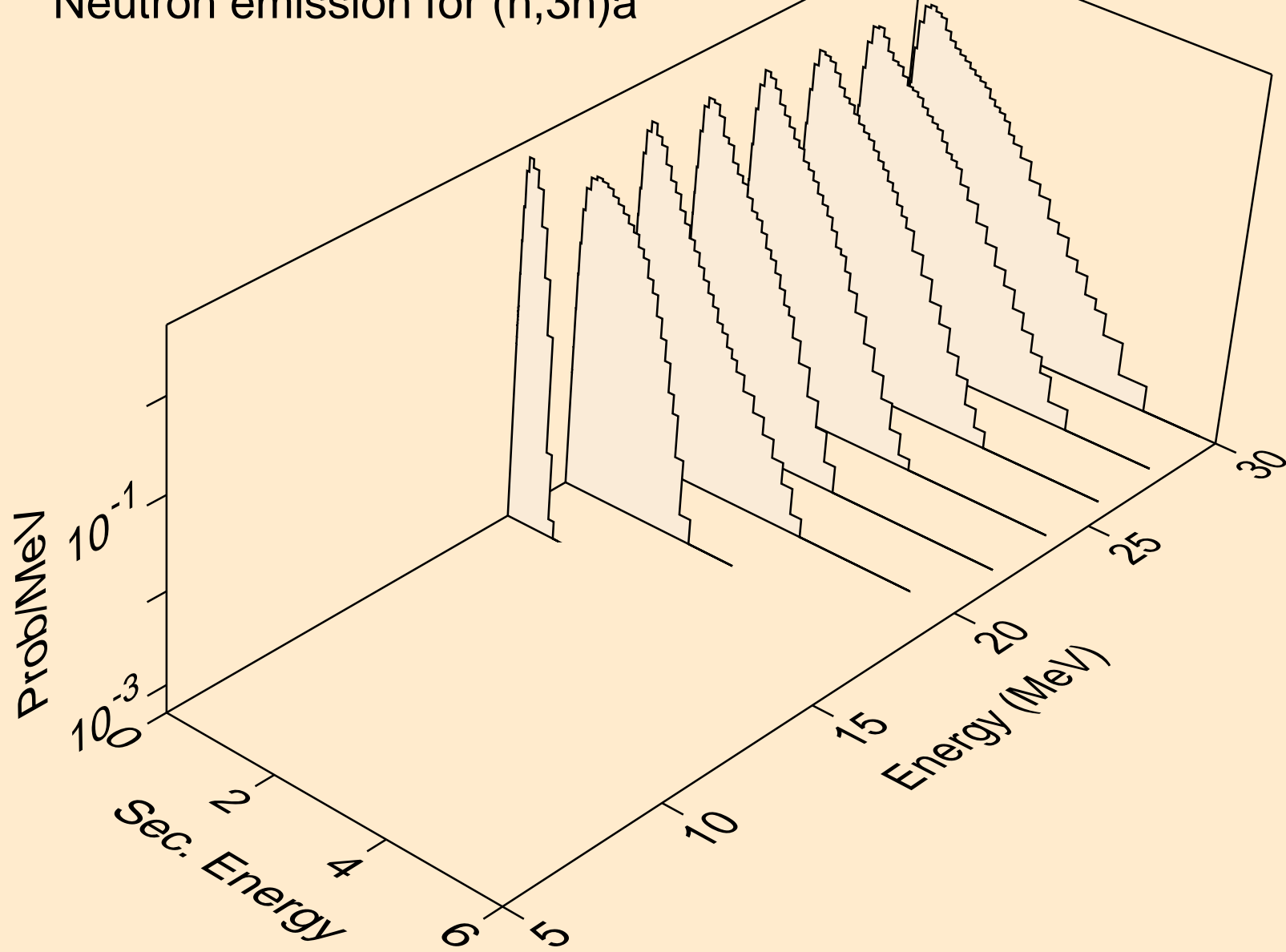
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

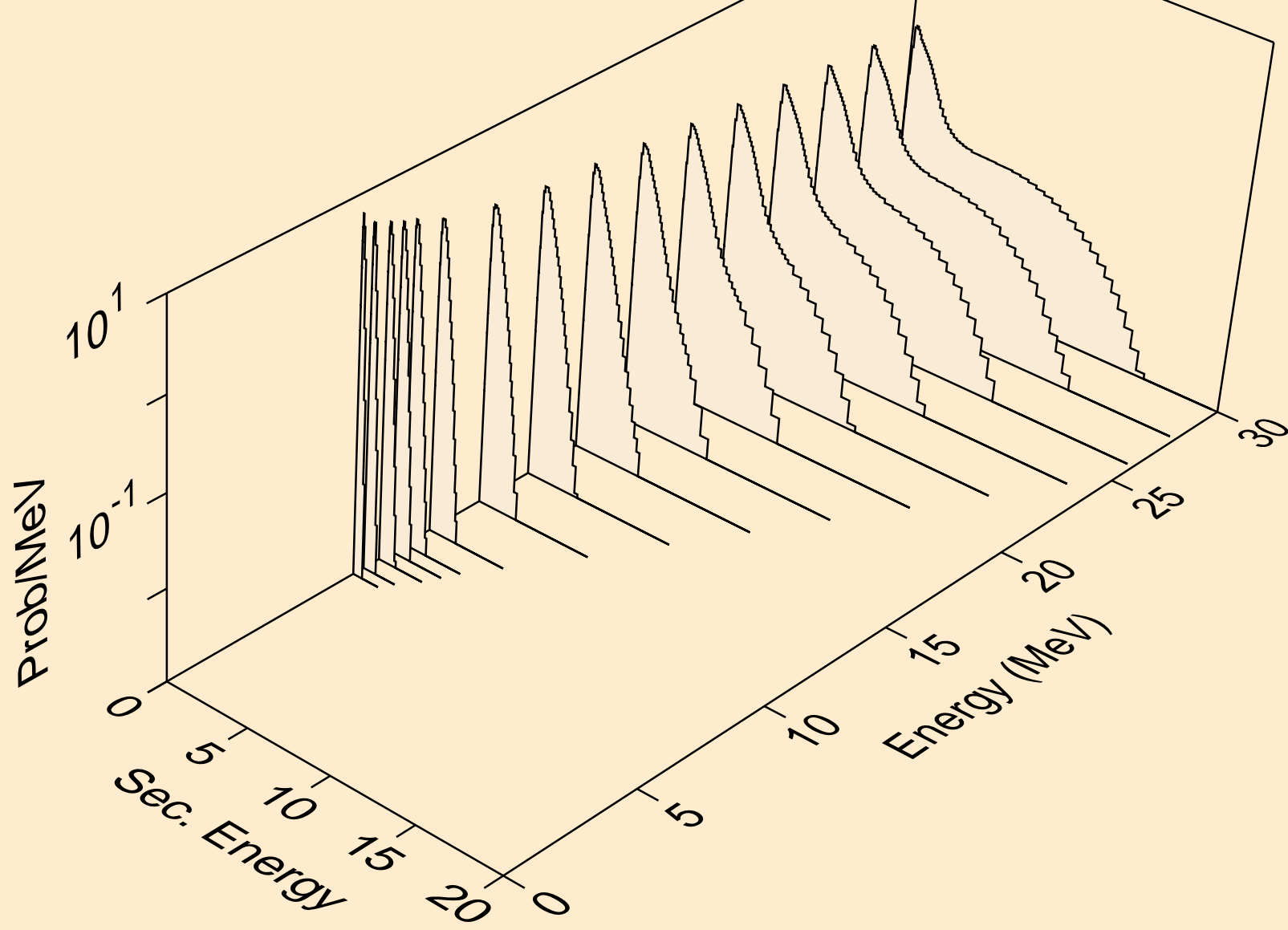


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

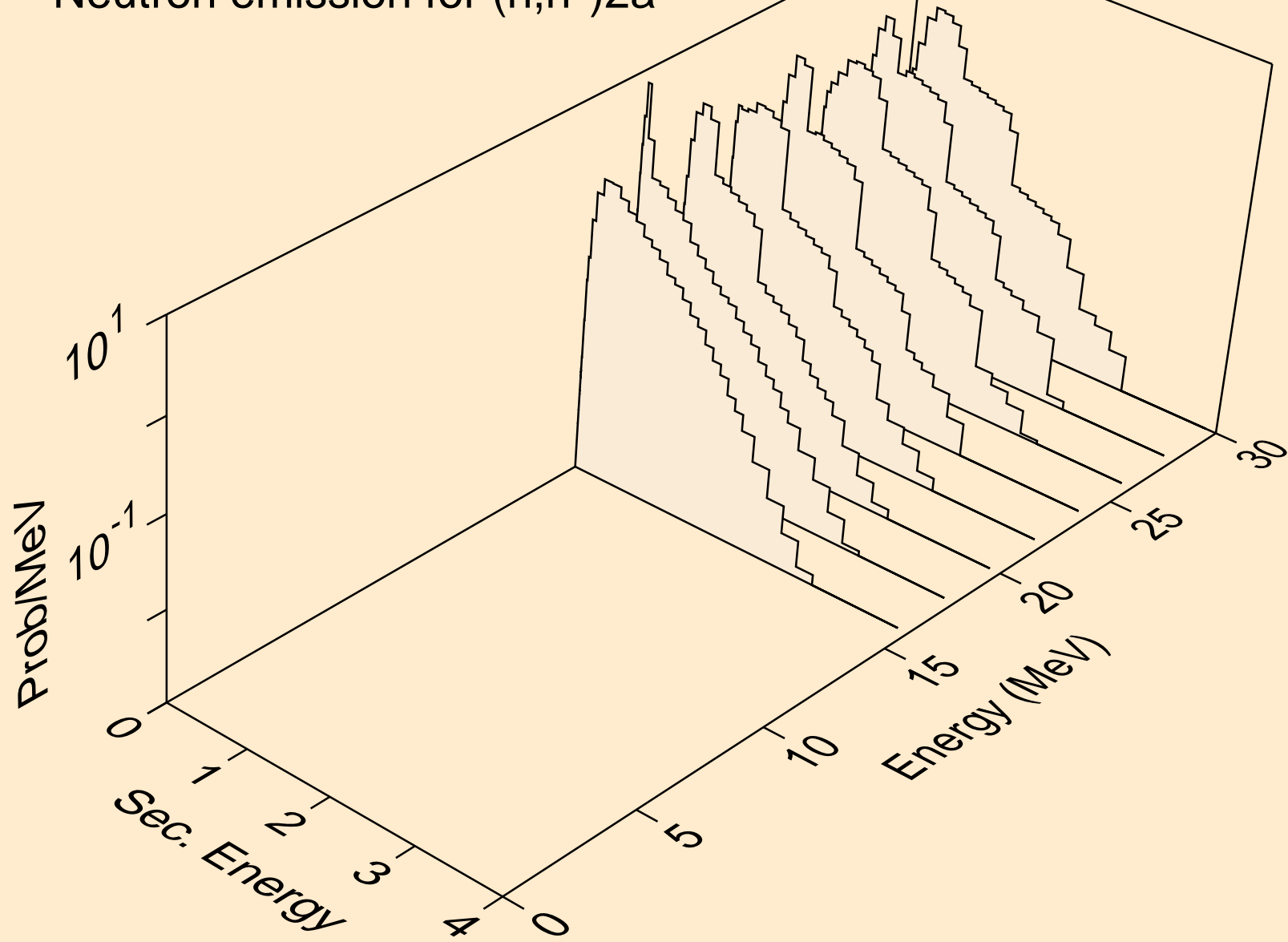




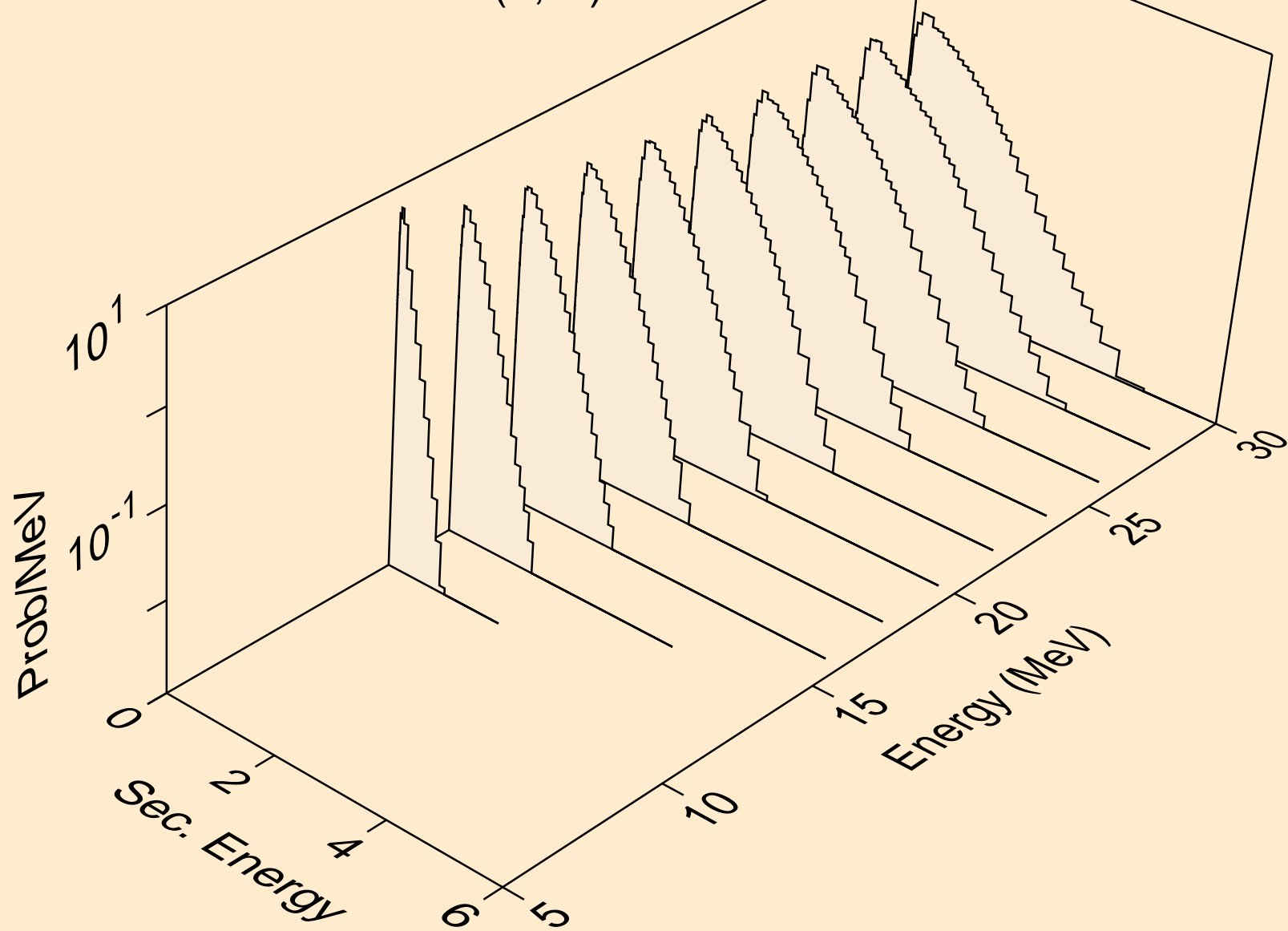
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Neutron emission for (n,n\*)p



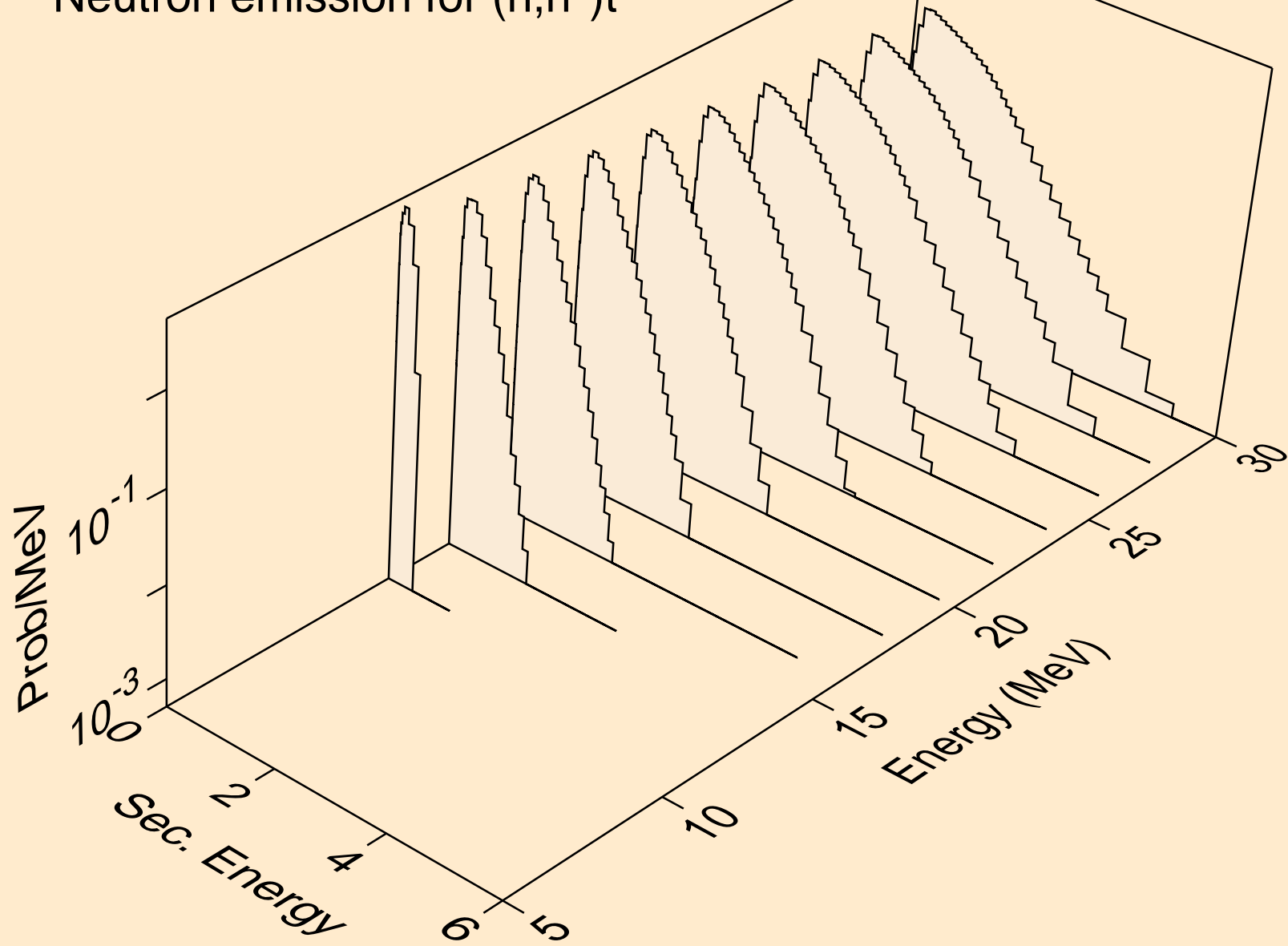
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Neutron emission for (n,n\*)2a



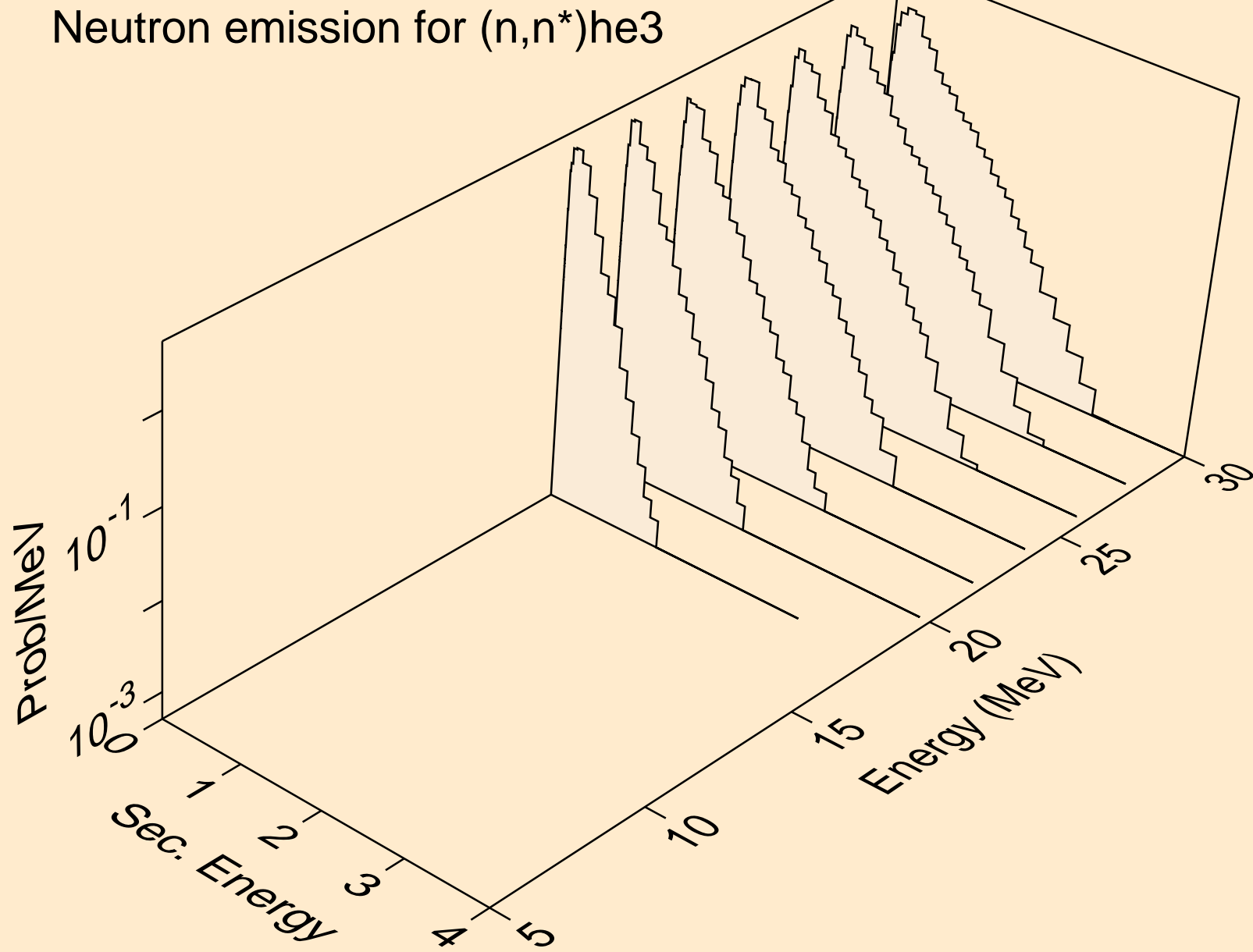
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Neutron emission for (n,n\*)d



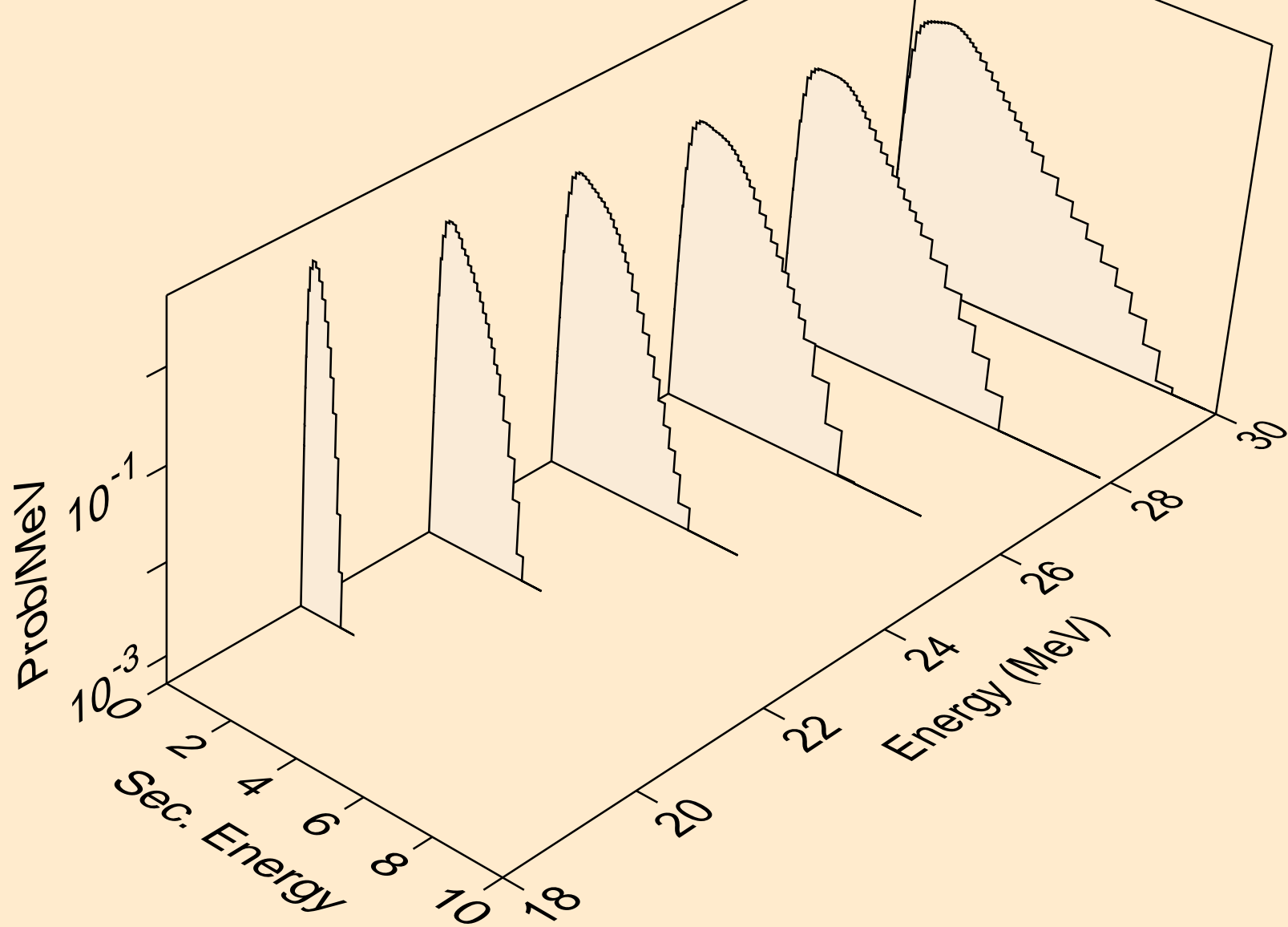
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Neutron emission for (n,n\*)t



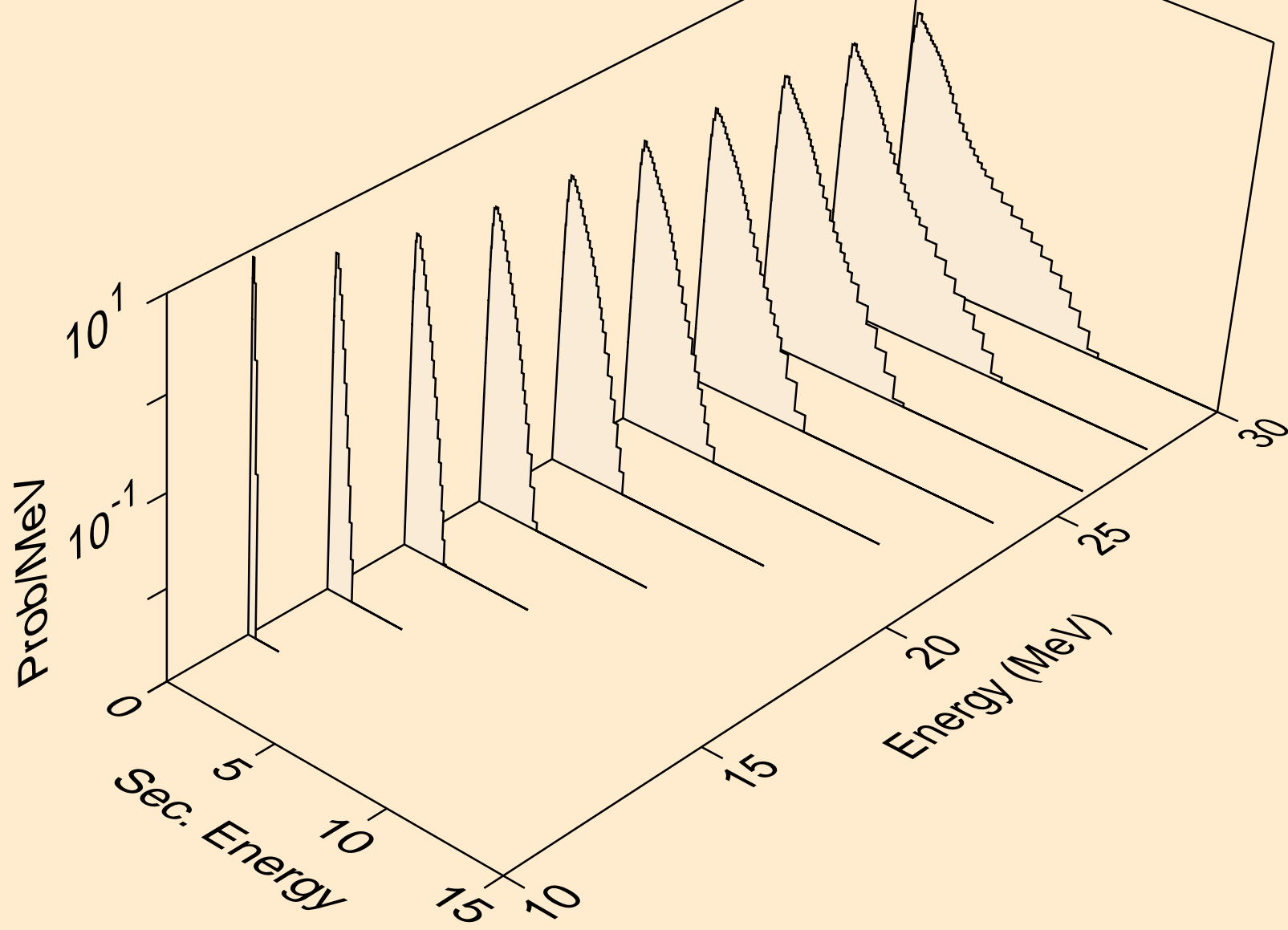
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Neutron emission for (n,n\*)he3



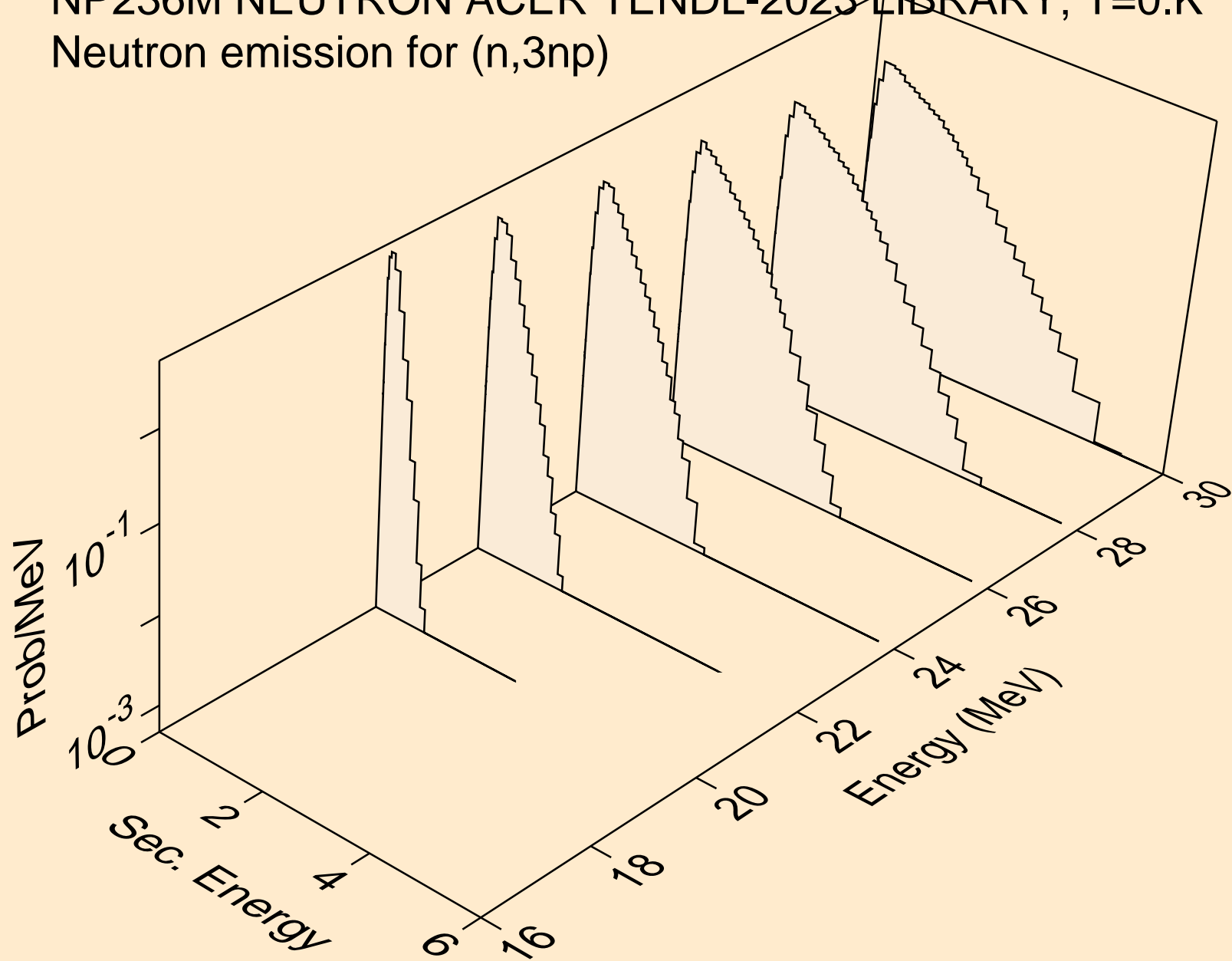
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

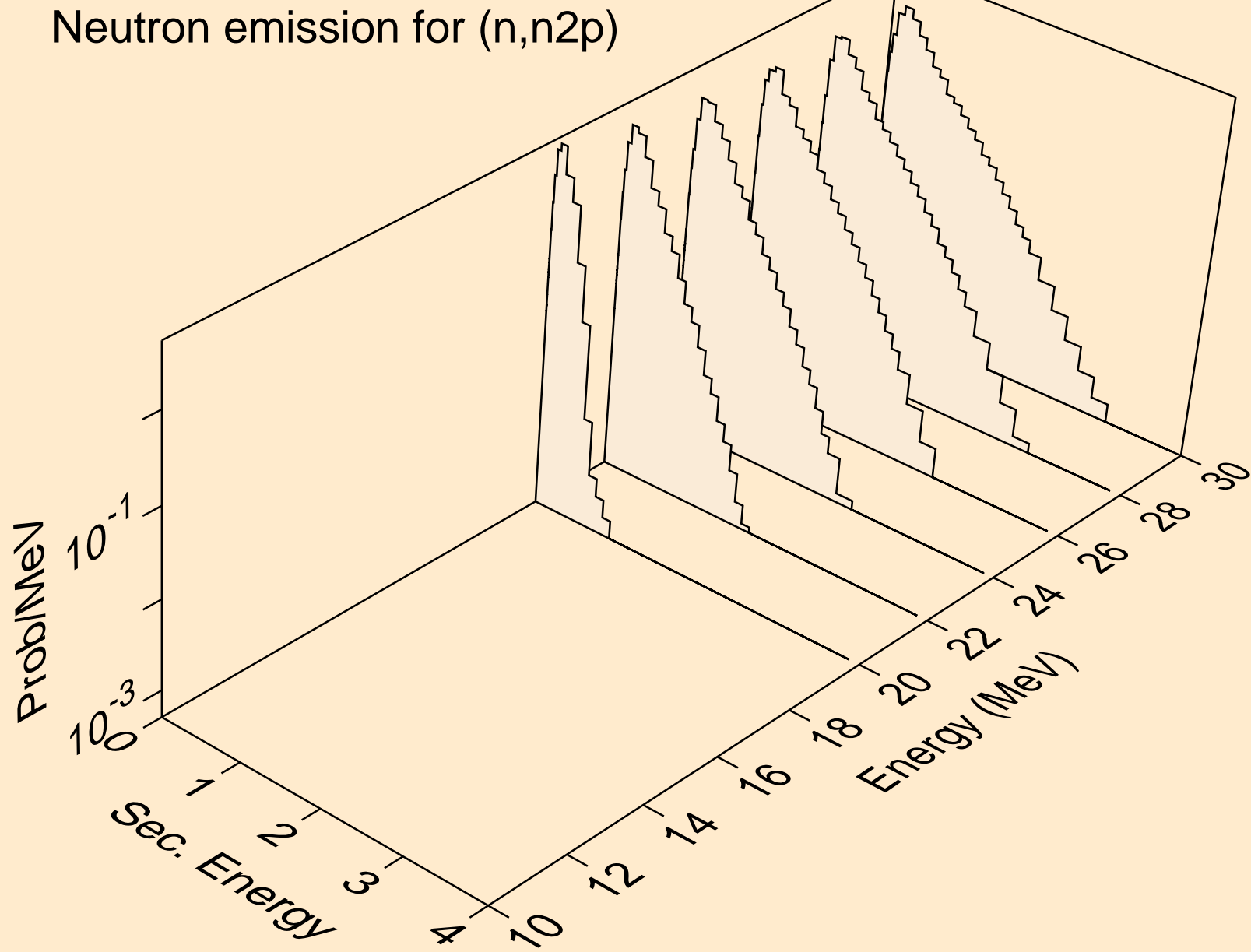


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

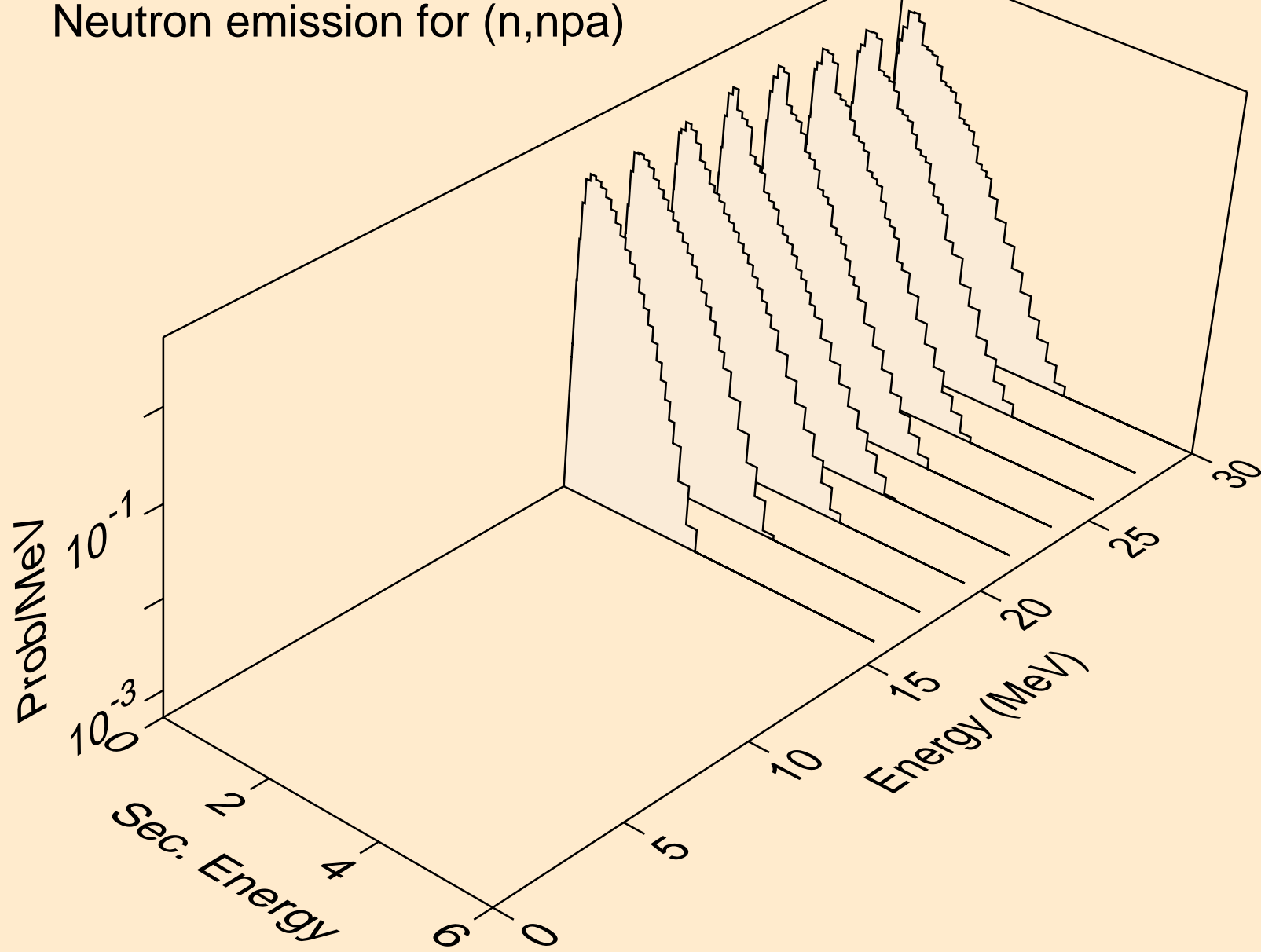




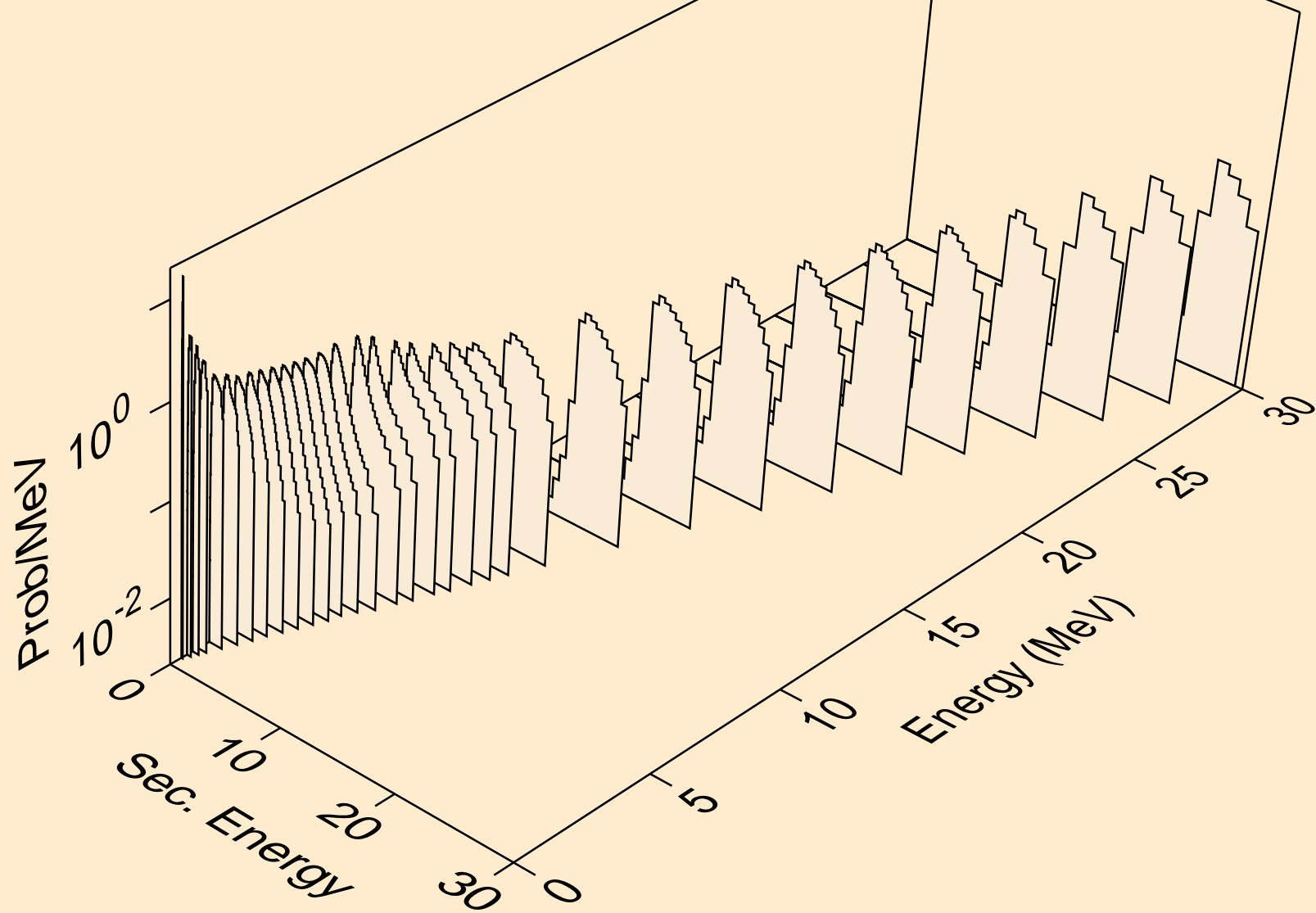
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

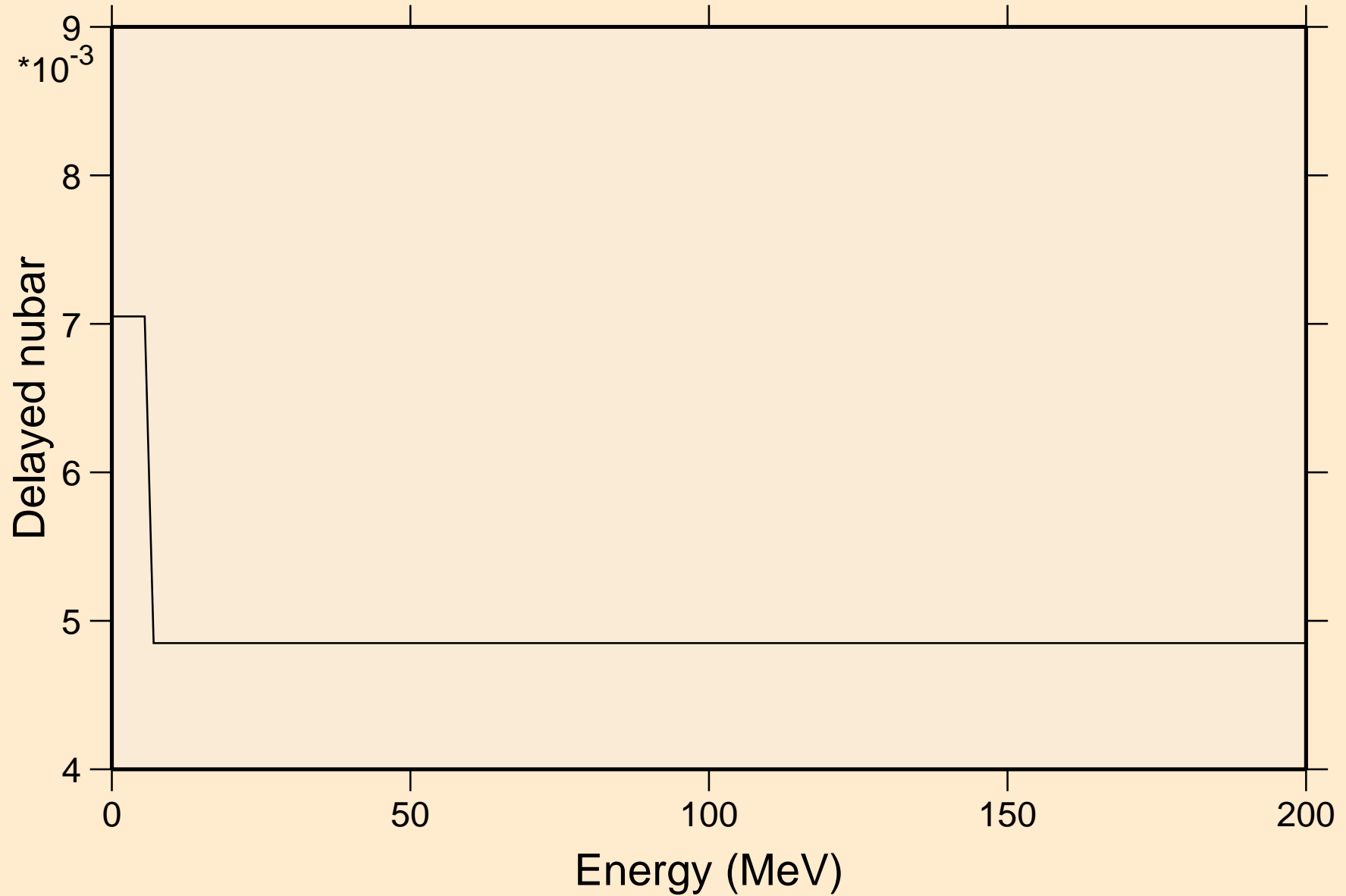


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



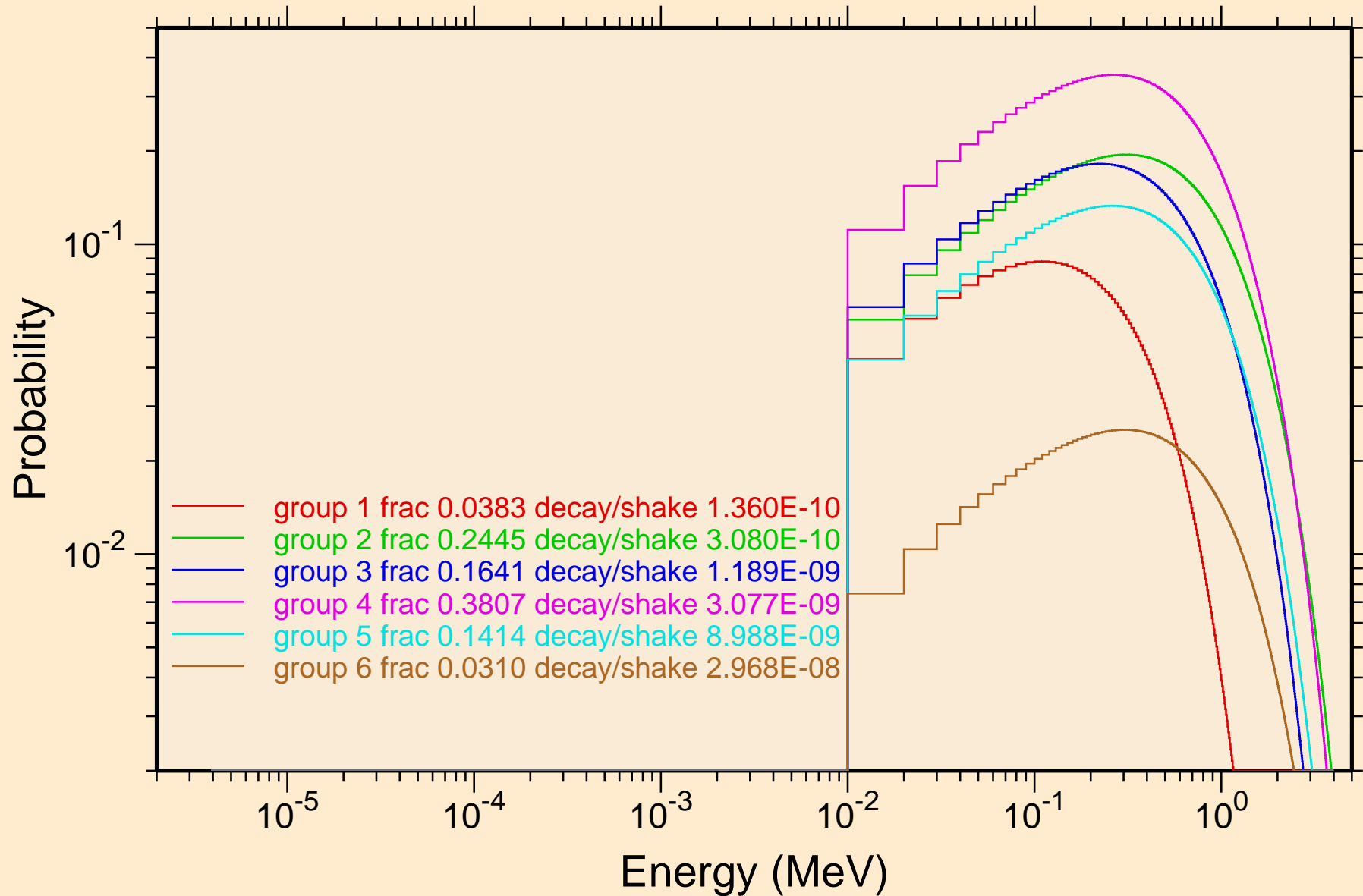
# NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

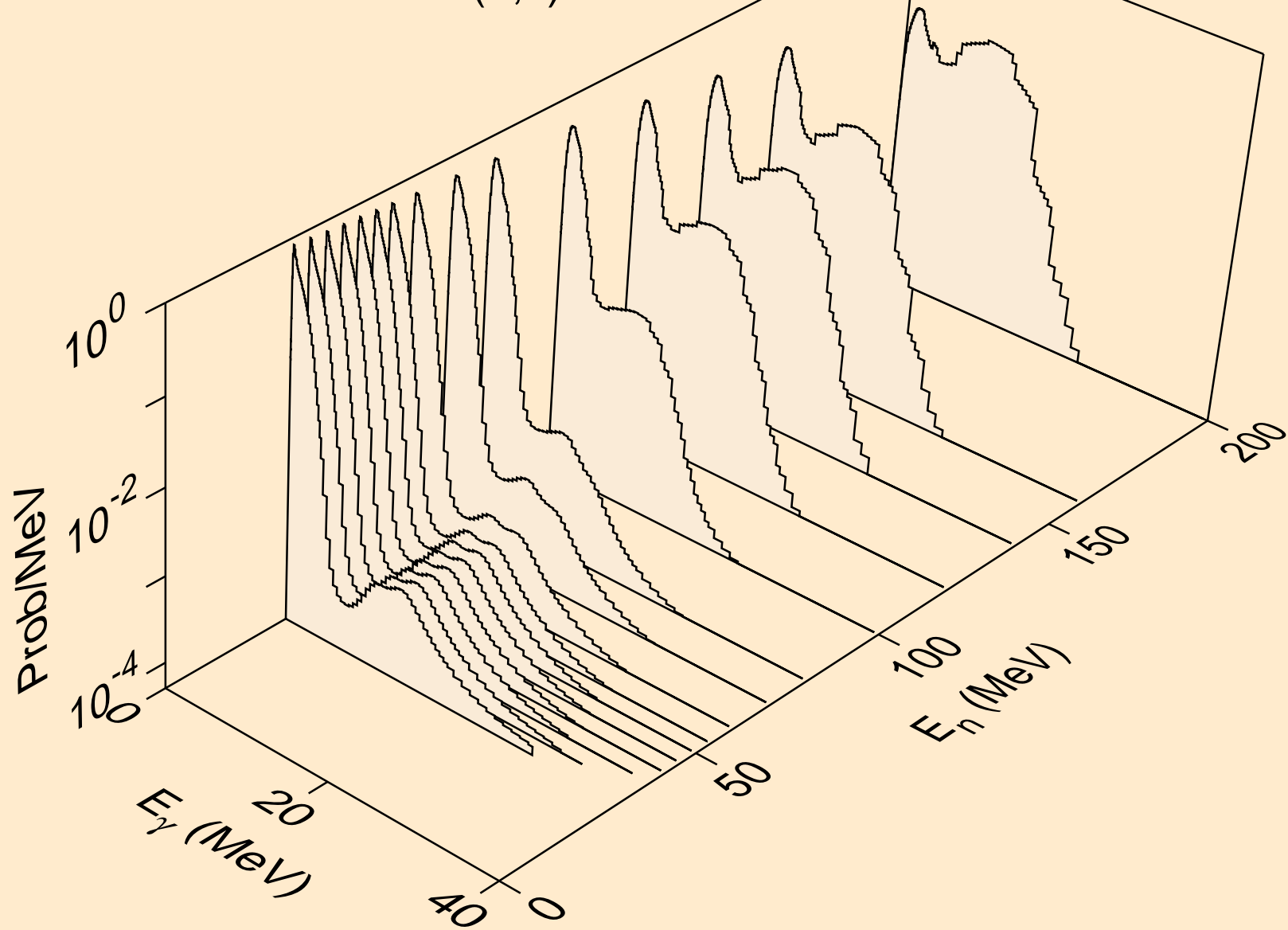


# NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

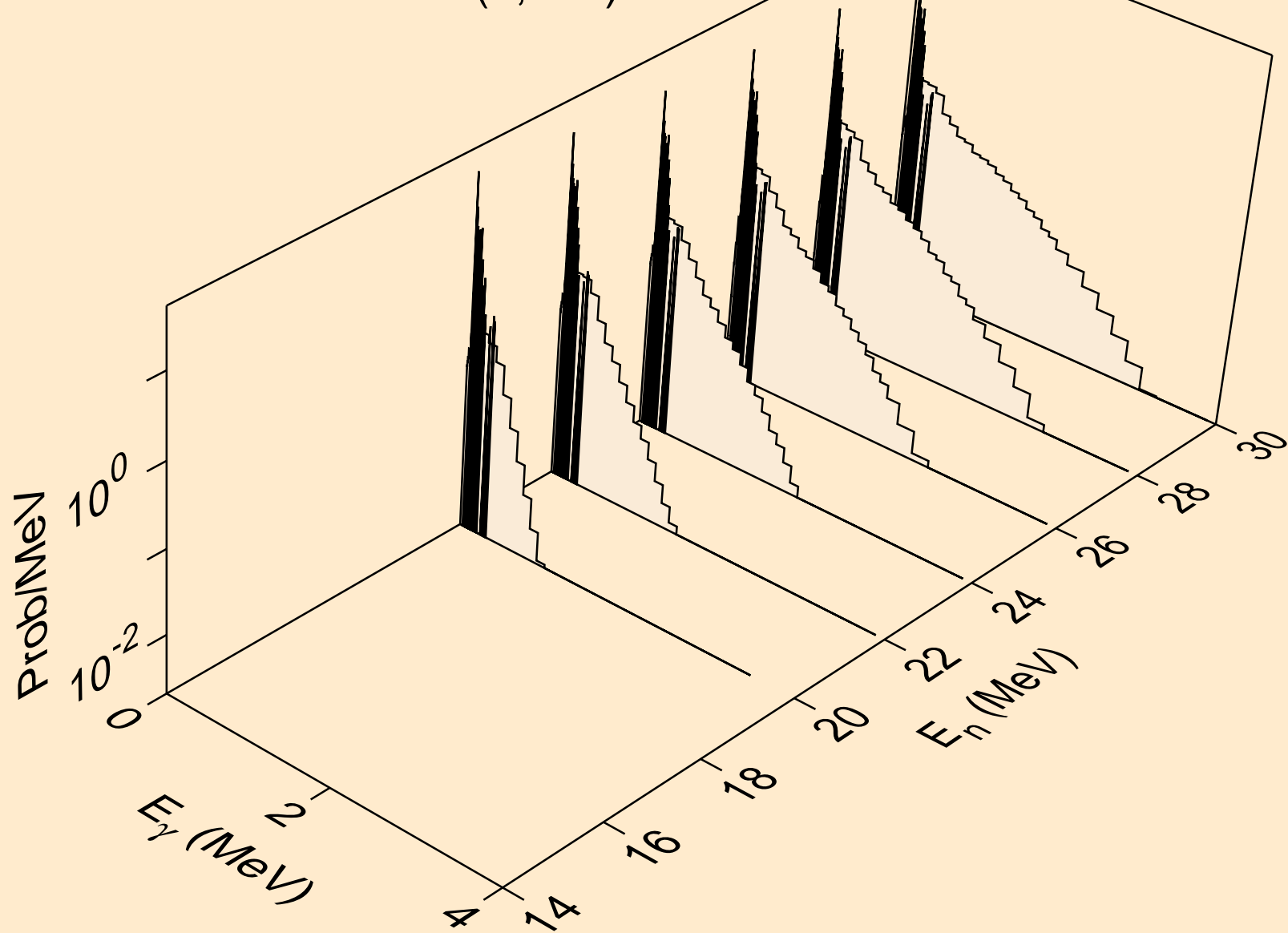
## Delayed neutron spectra



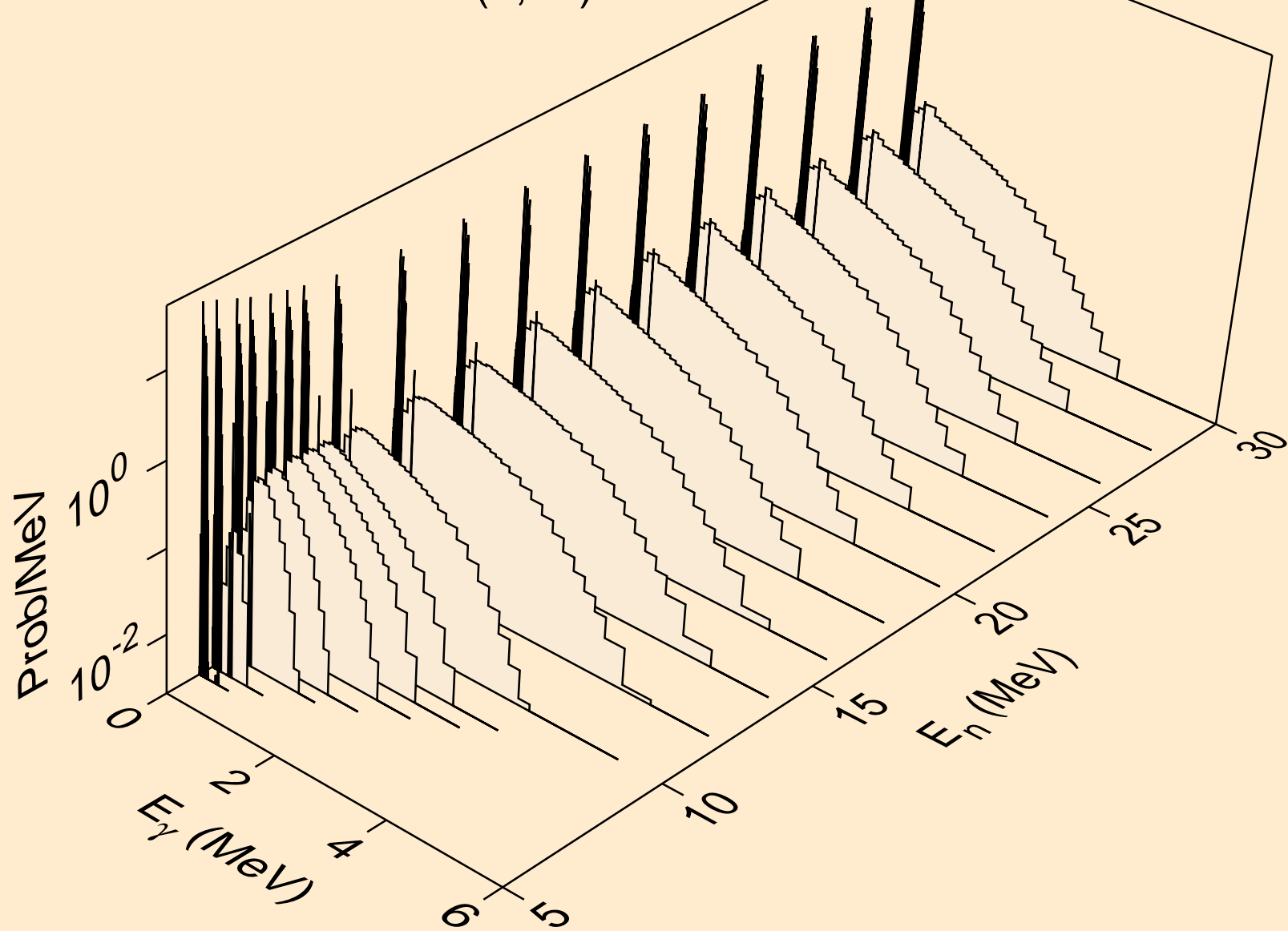
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

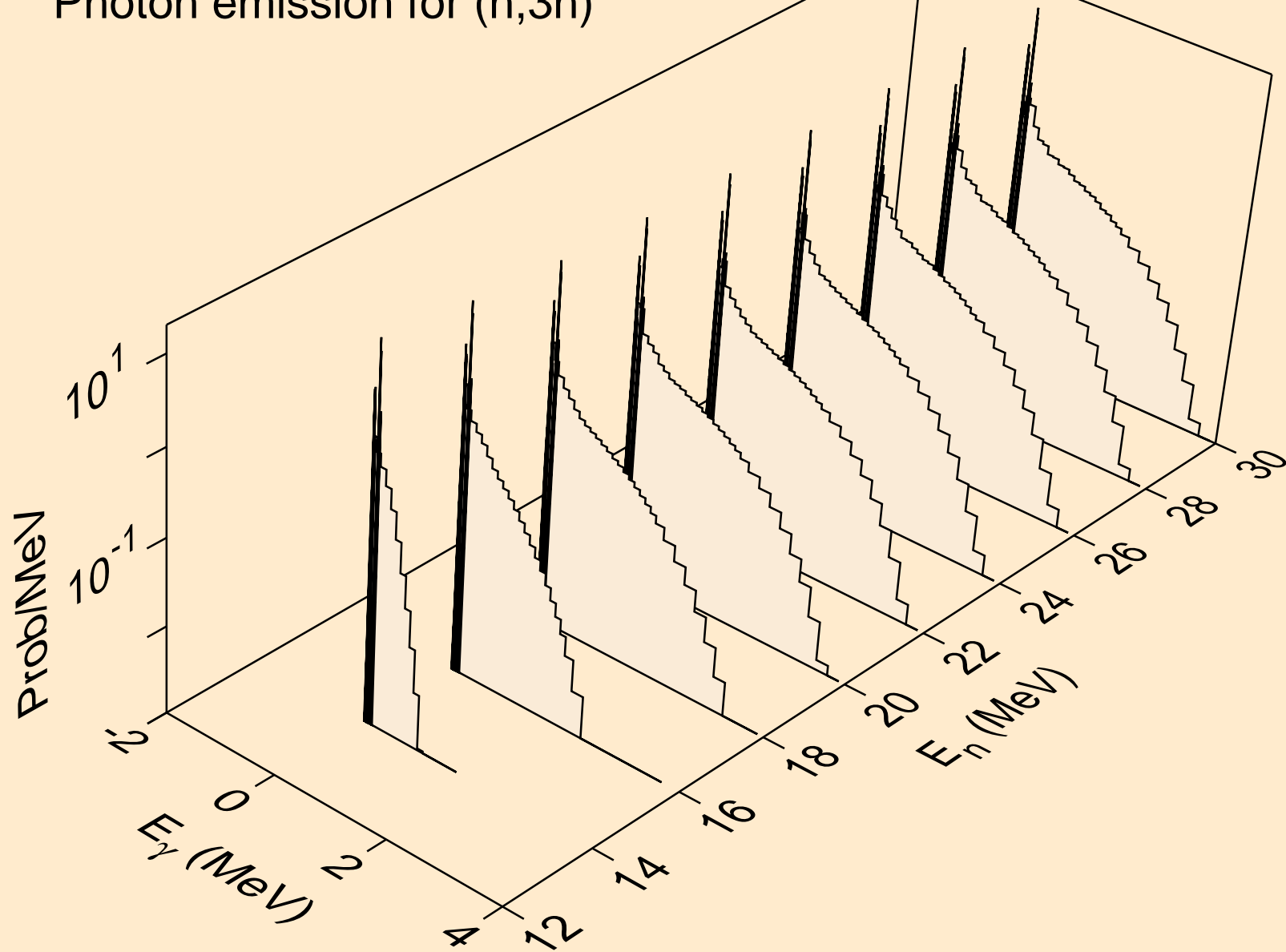


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

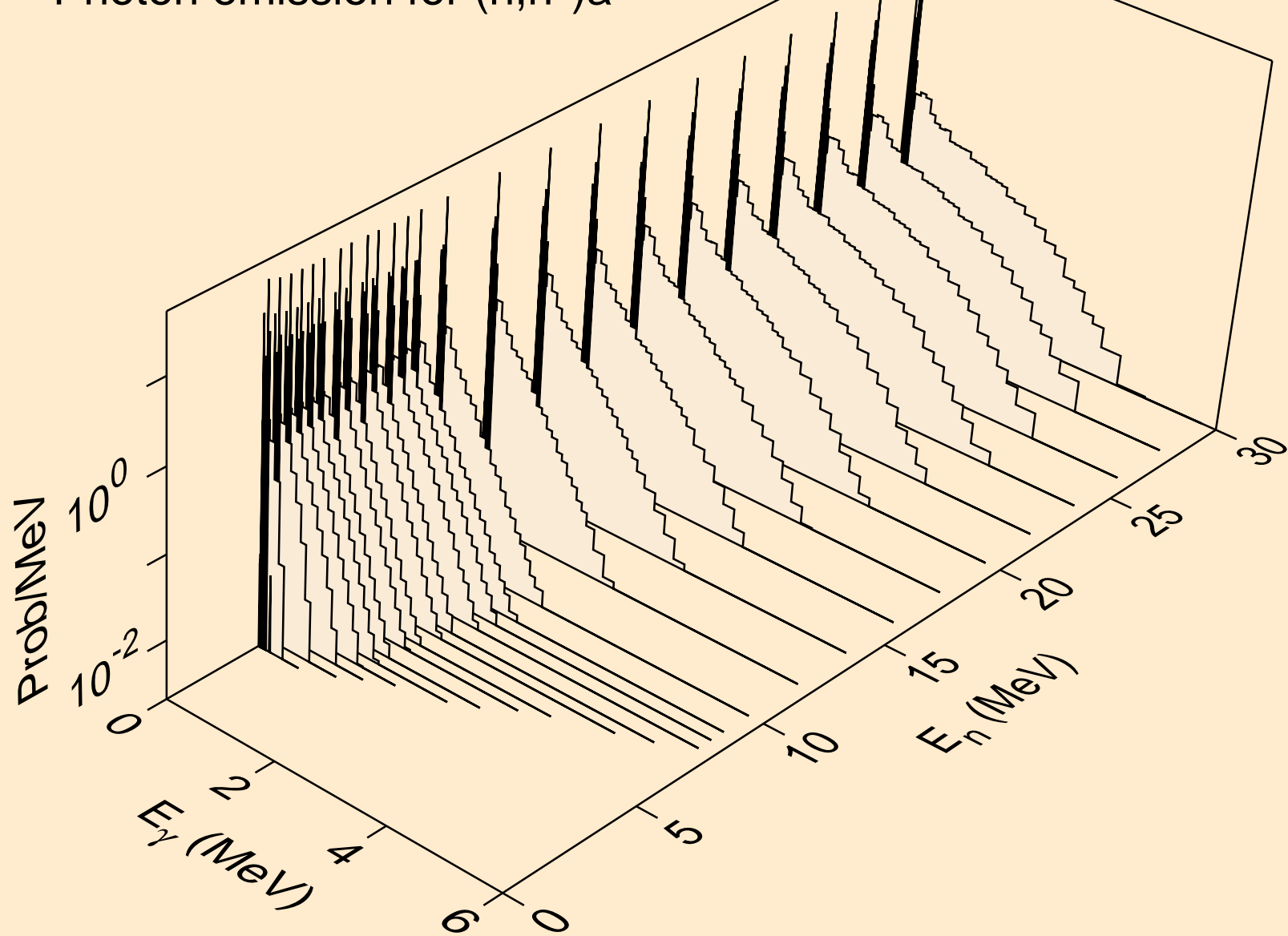




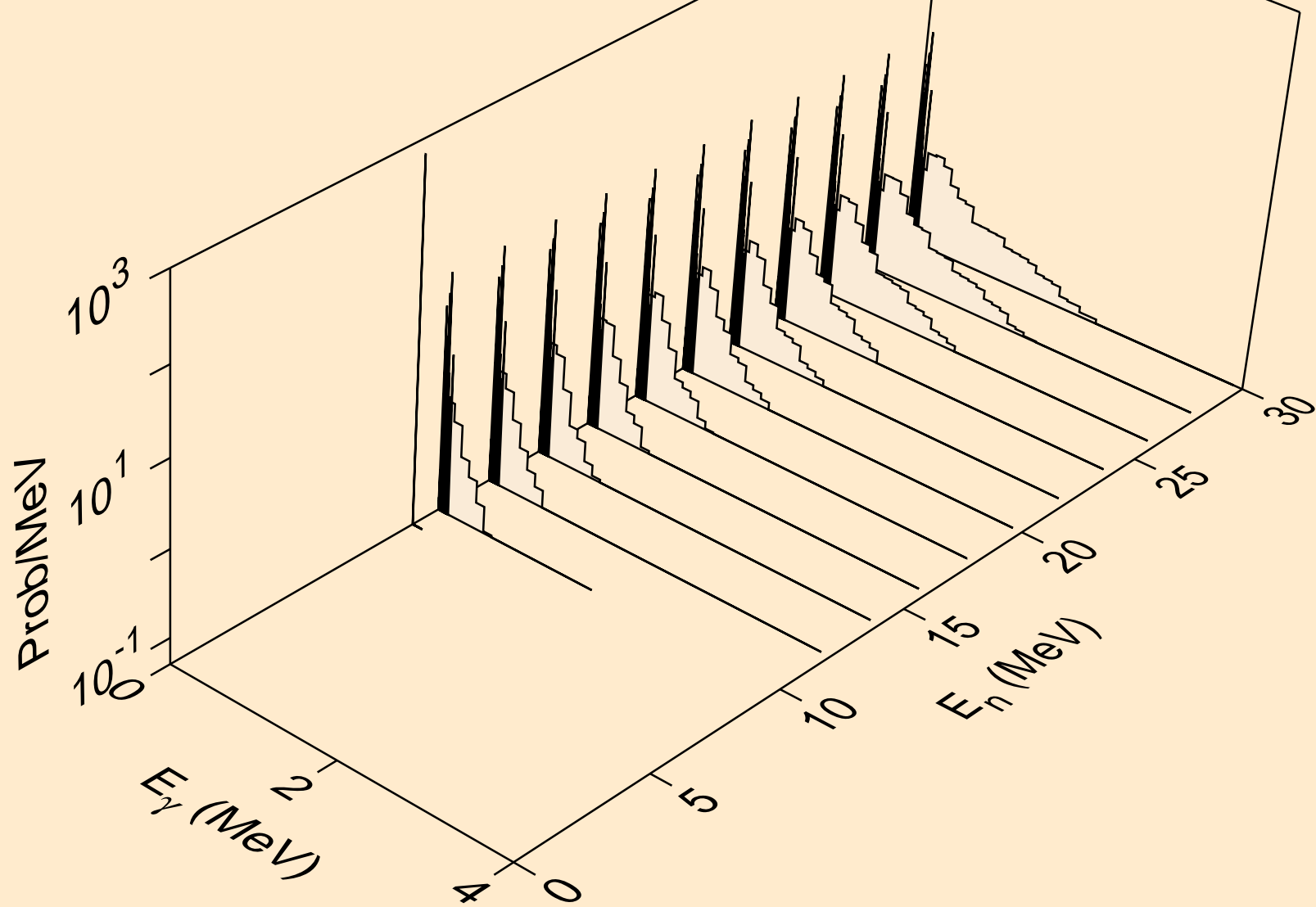
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



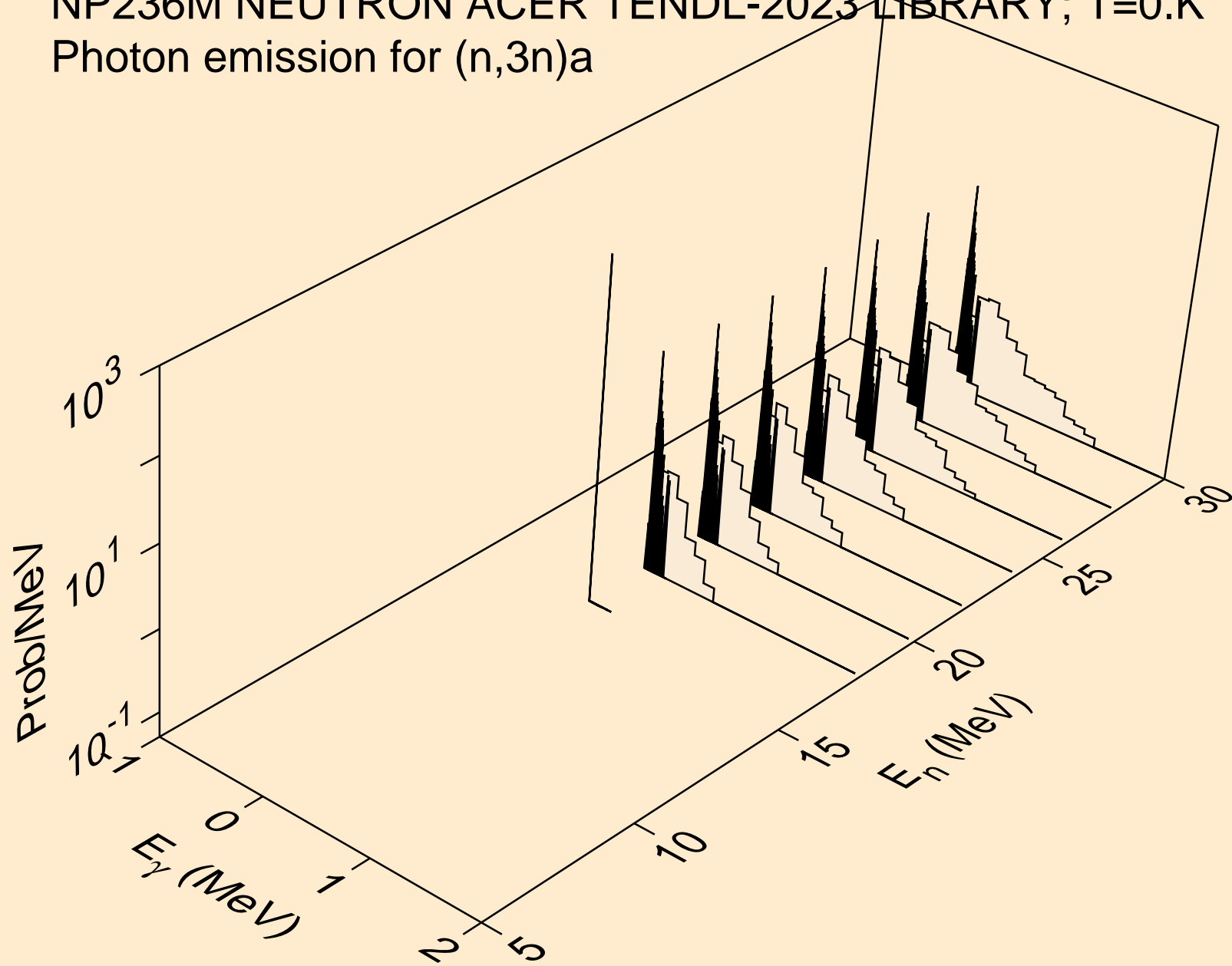
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



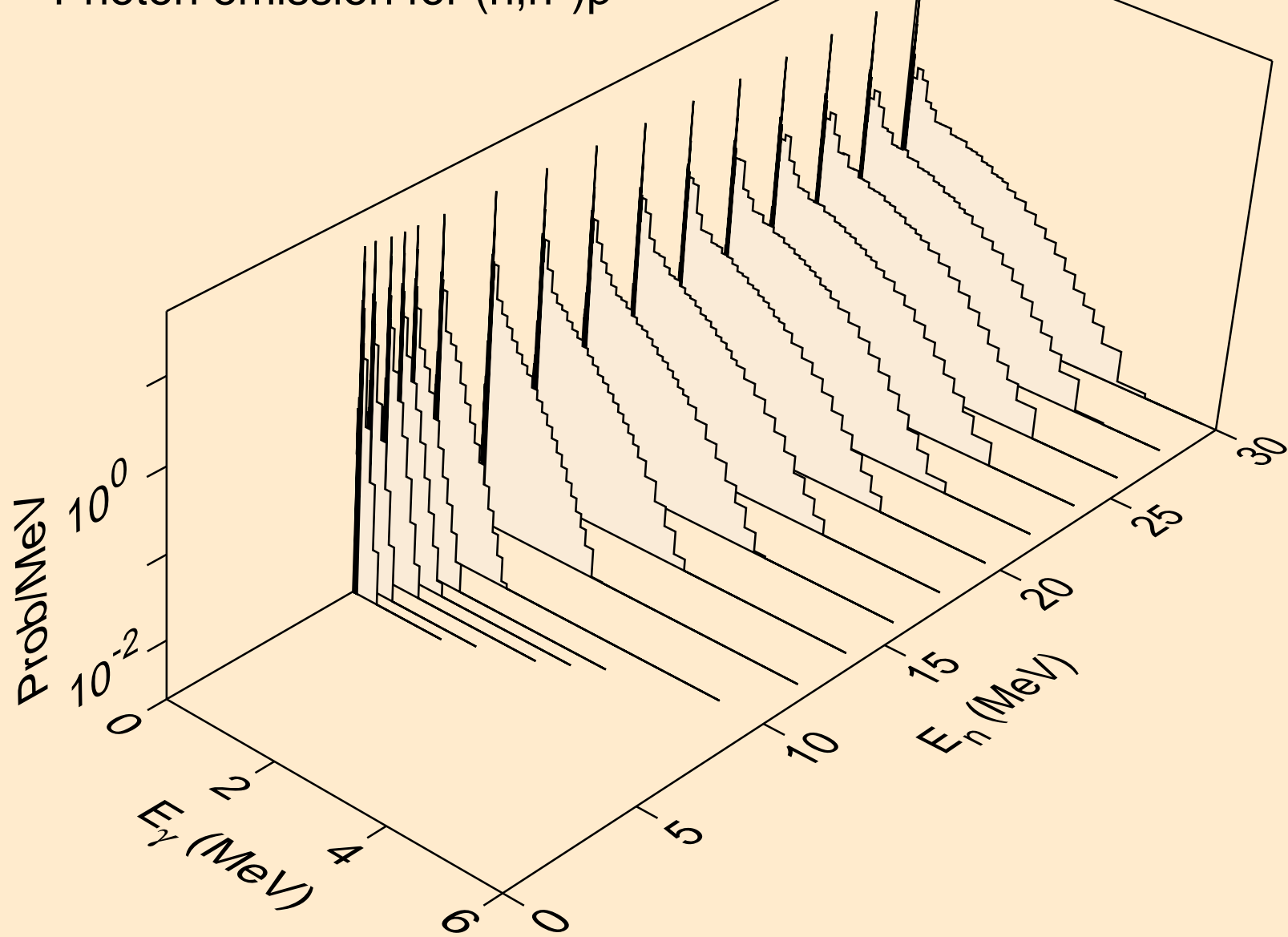
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Photon emission for (n,2n)a



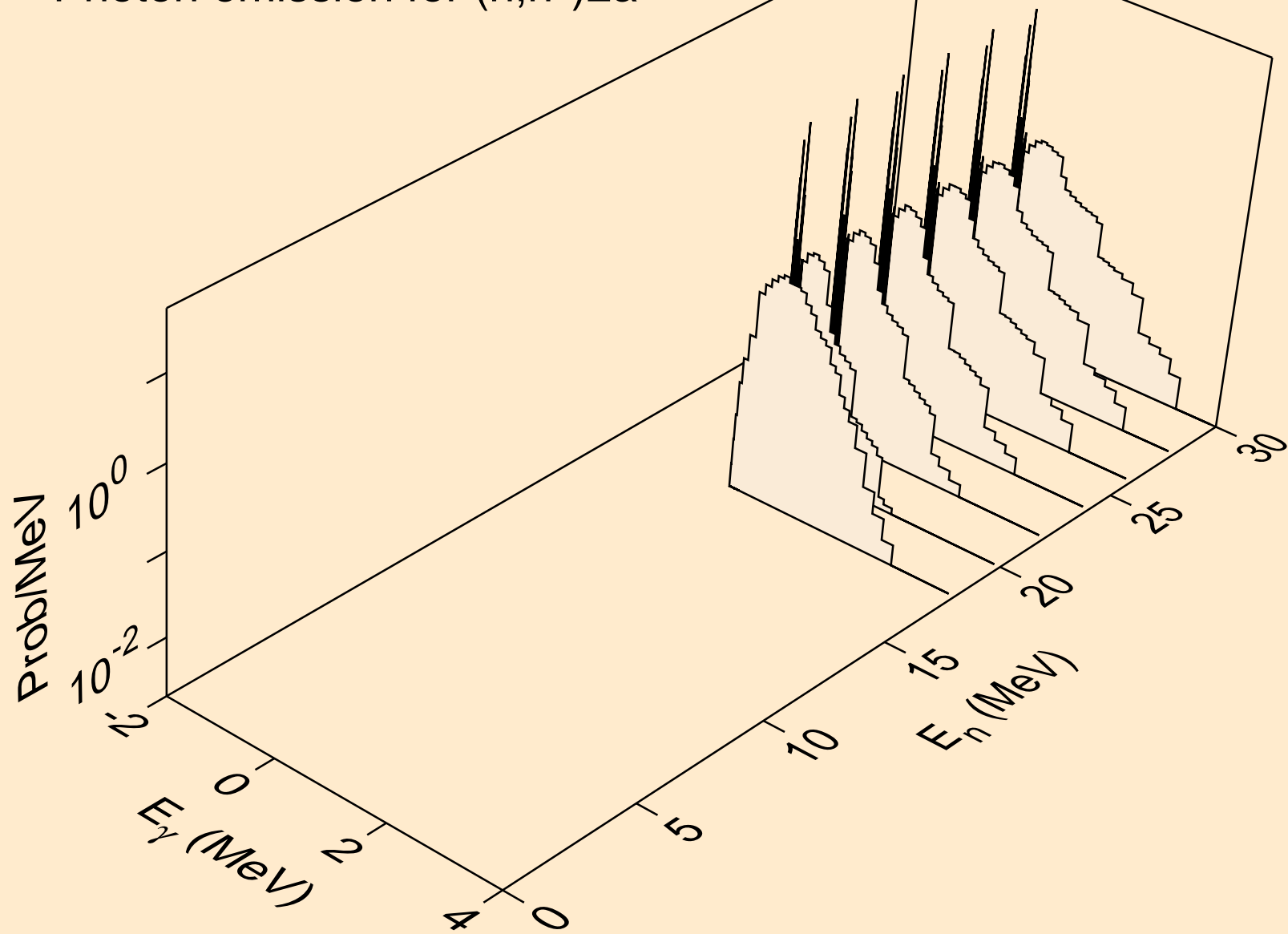
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Photon emission for (n,3n)a



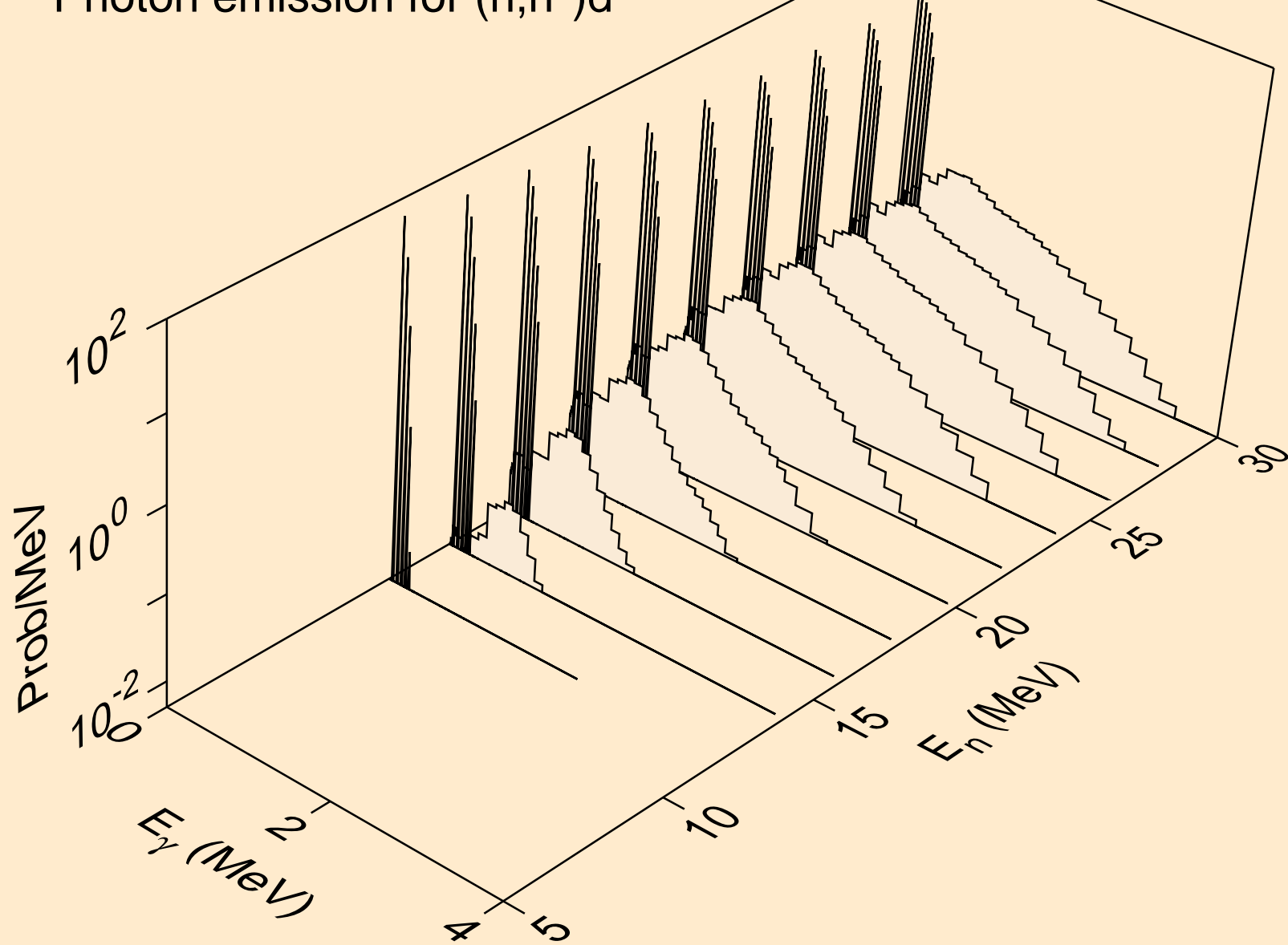
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Photon emission for (n,n\*)p



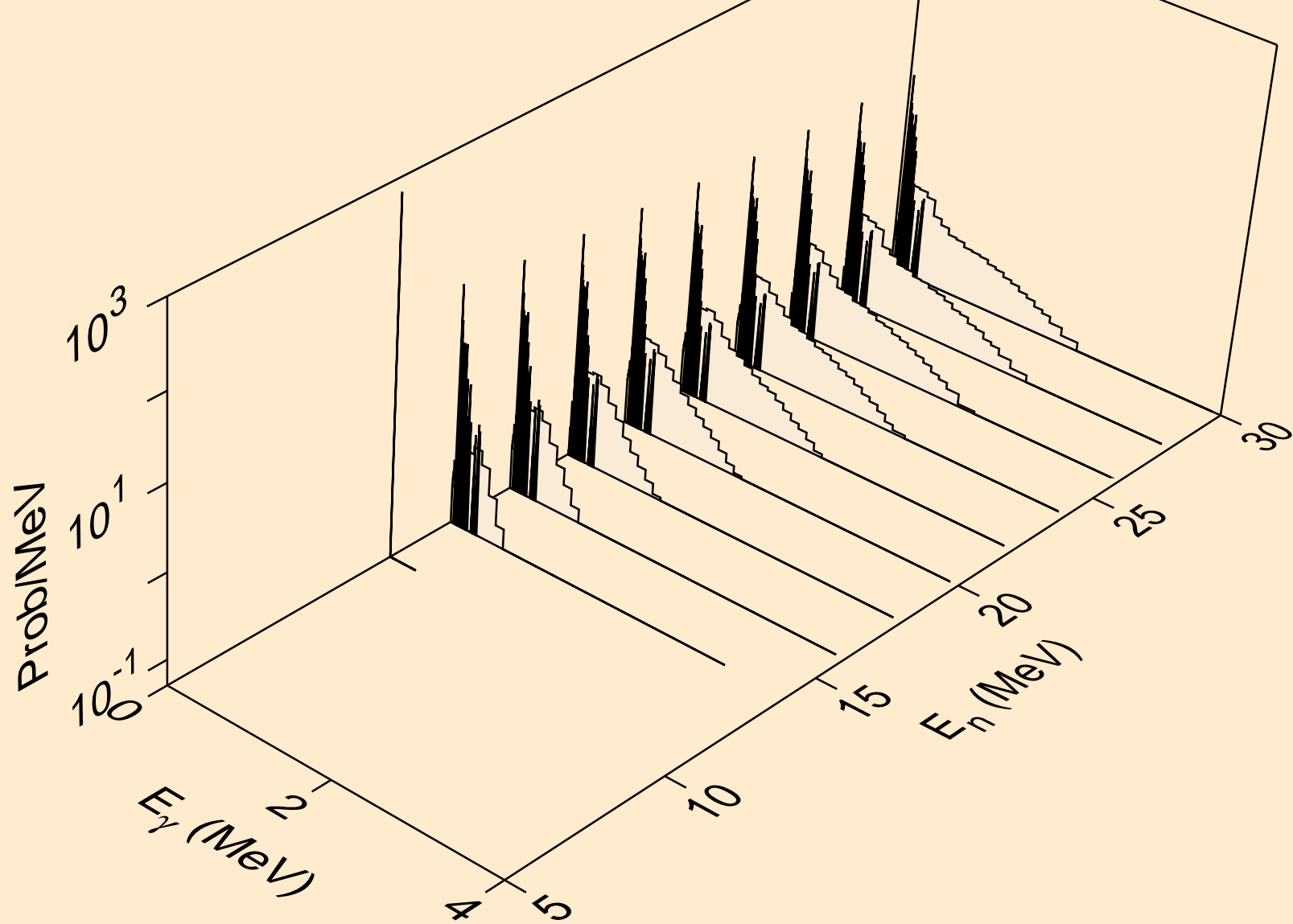
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

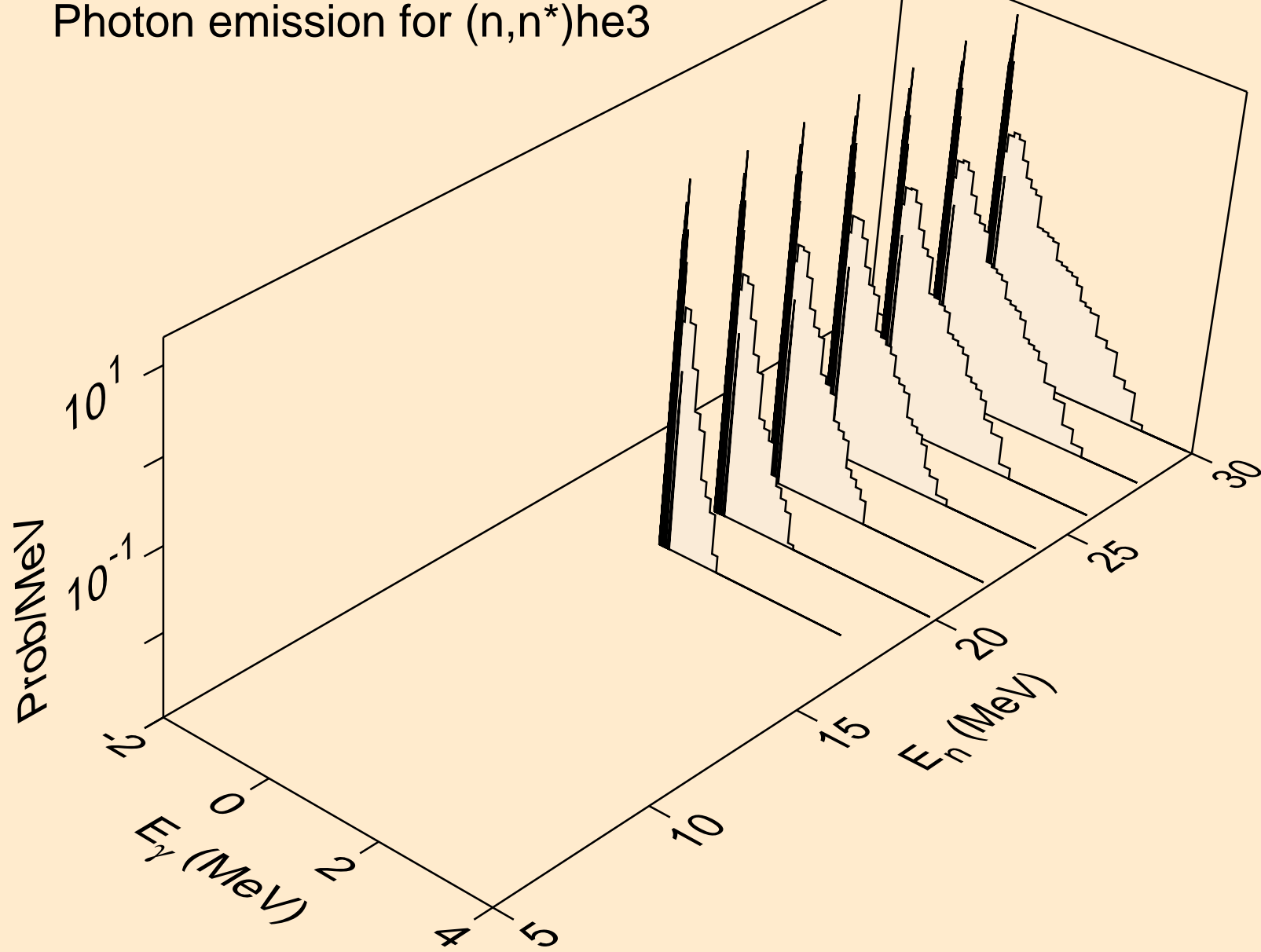


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

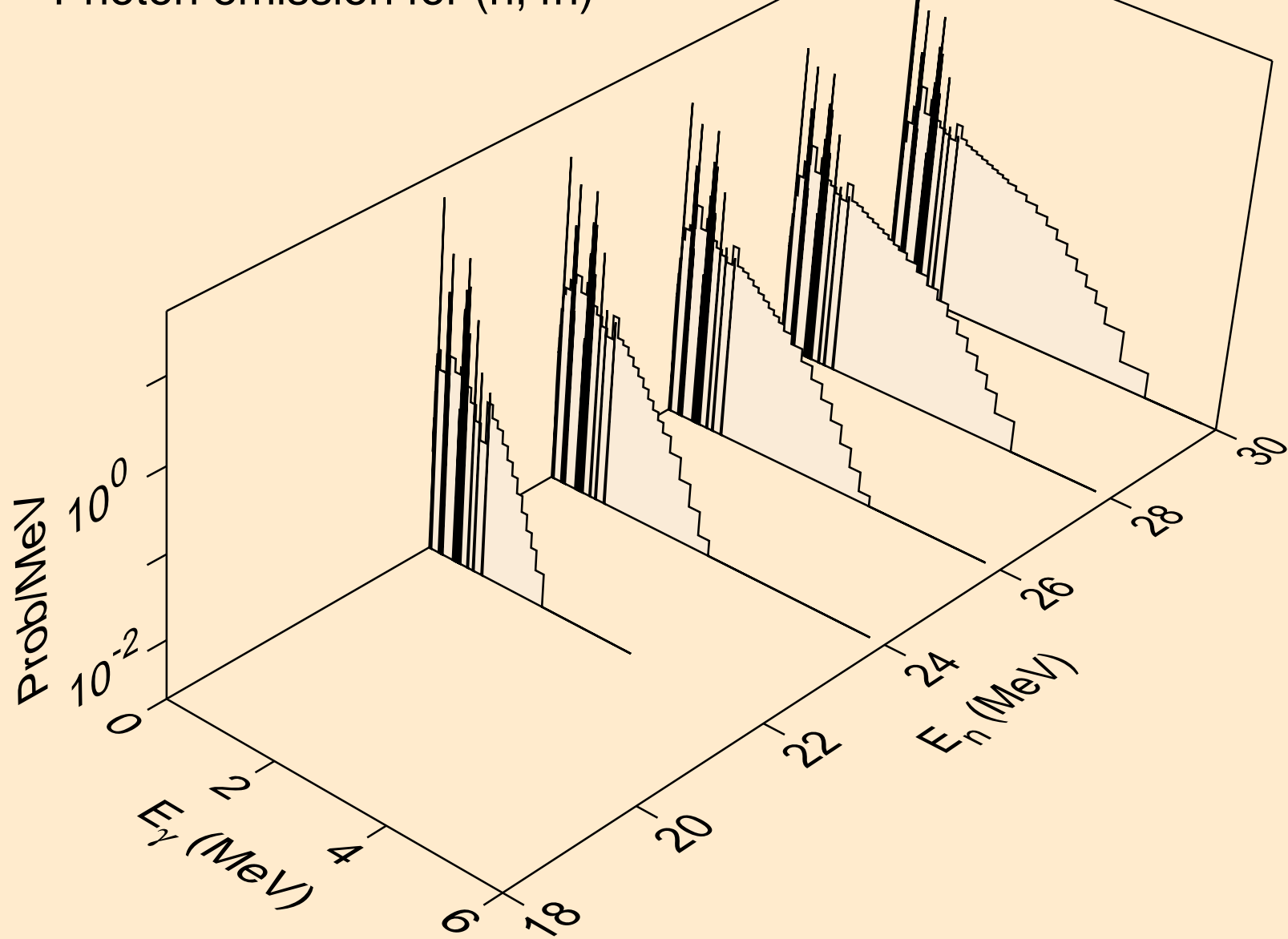




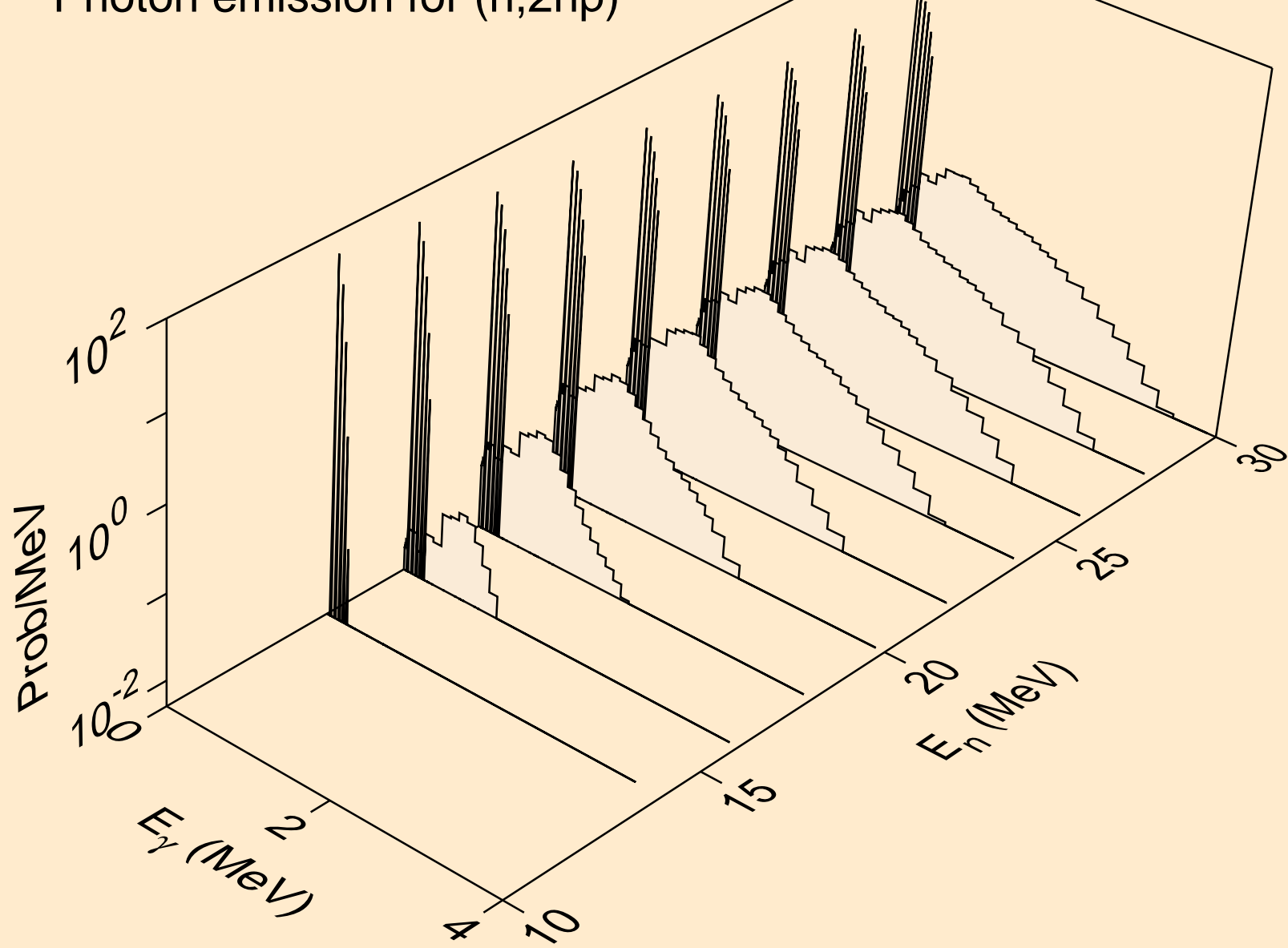
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



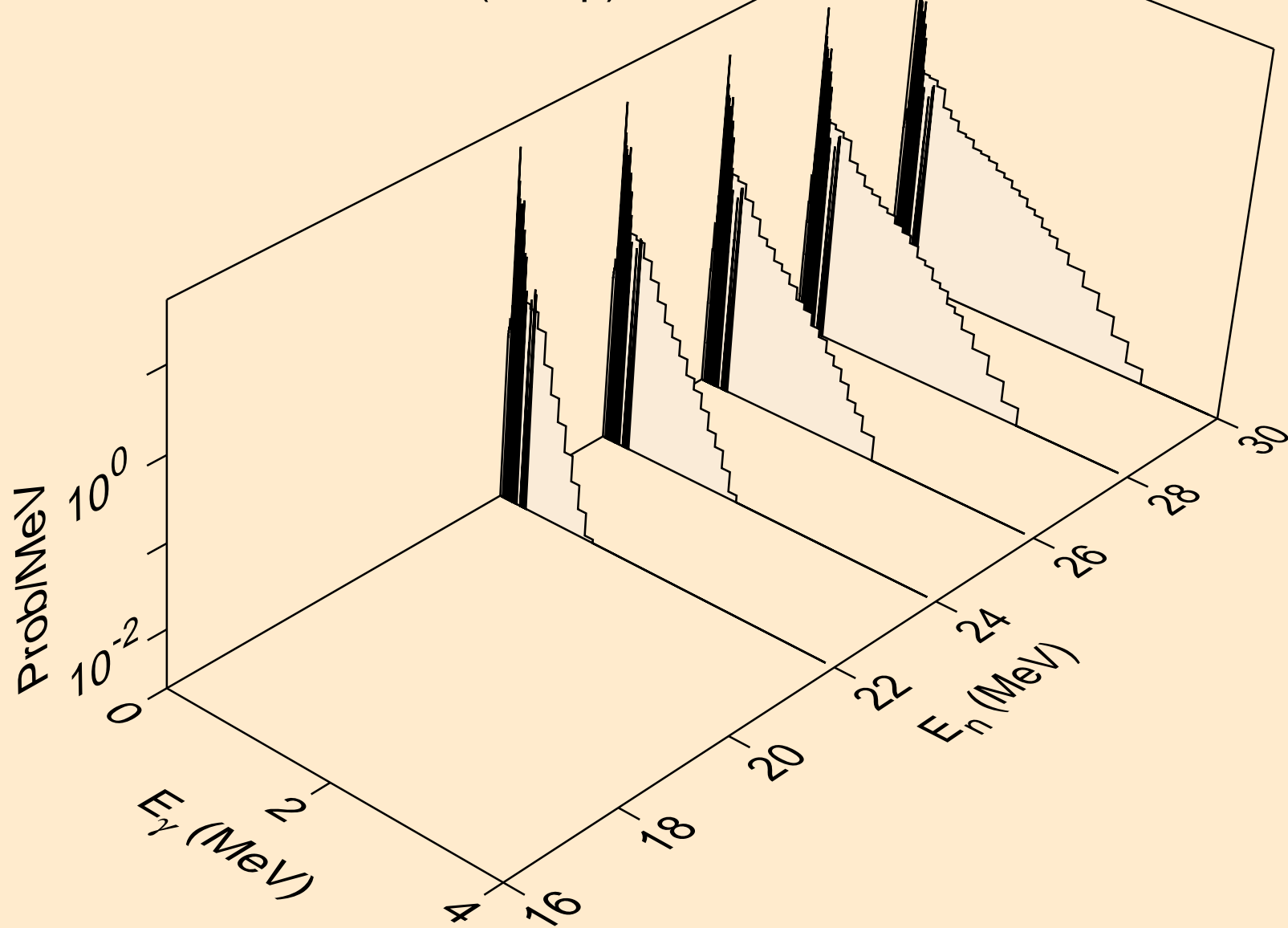
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



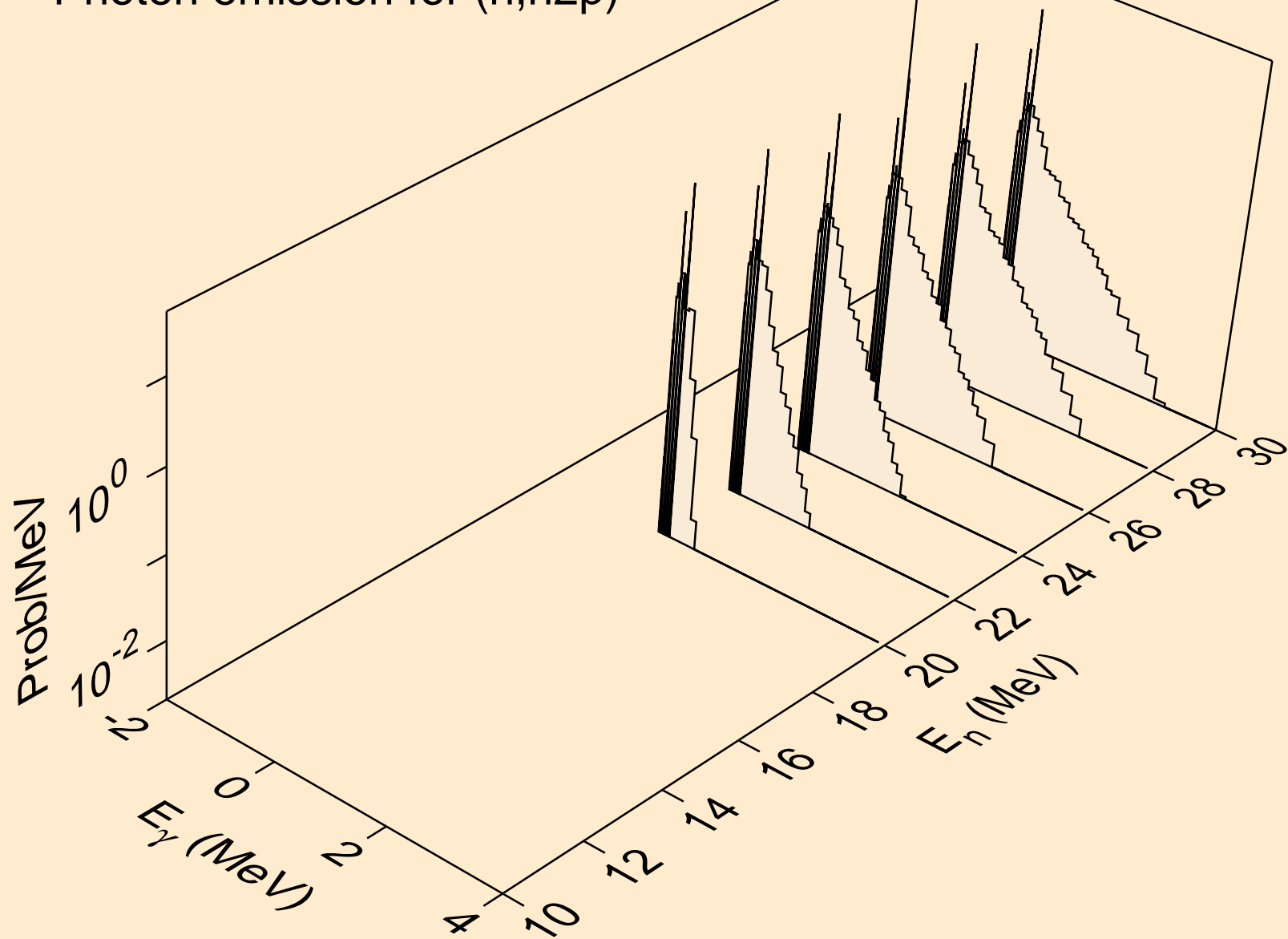
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Photon emission for (n,2np)



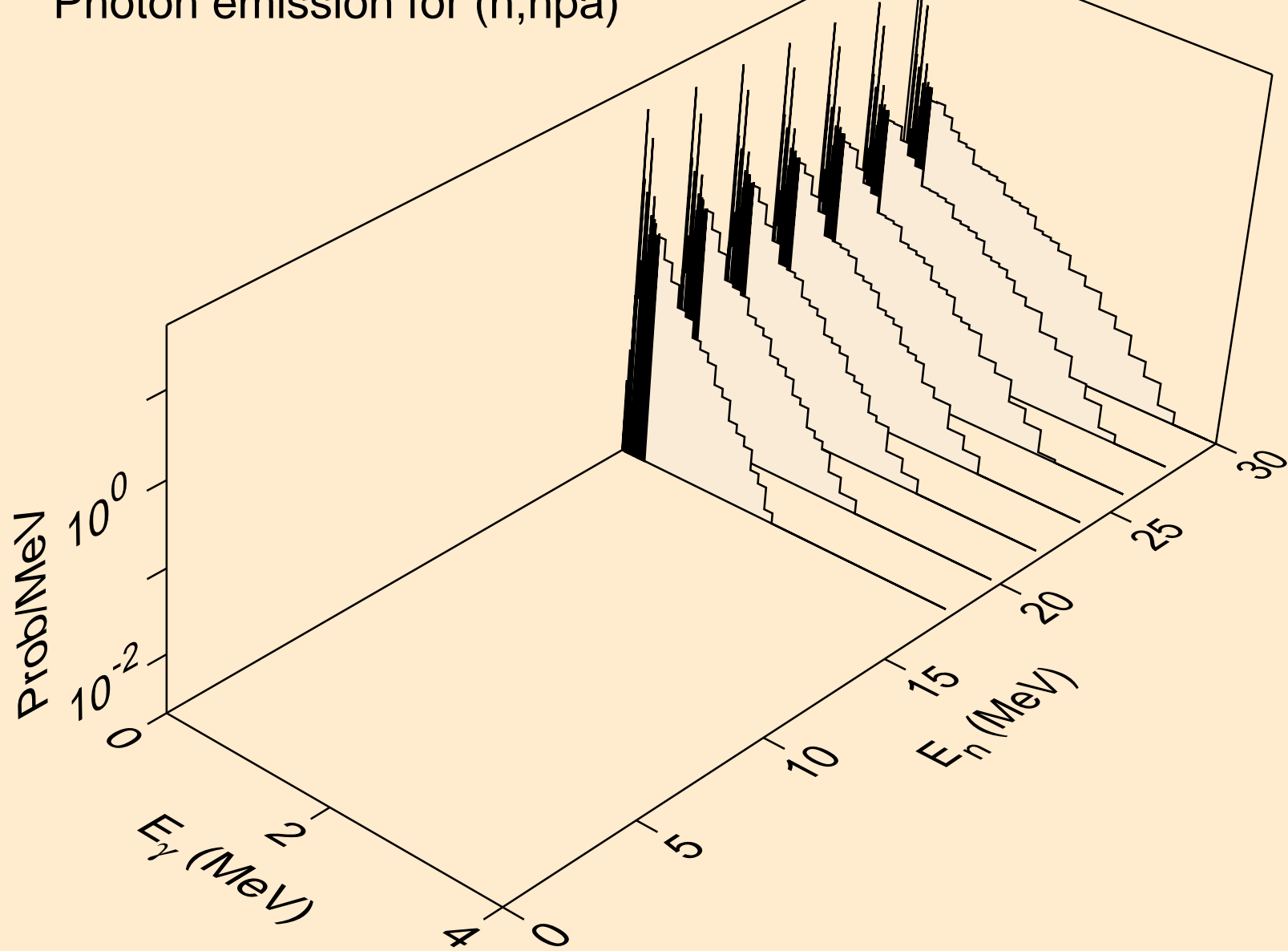
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Photon emission for (n,3np)



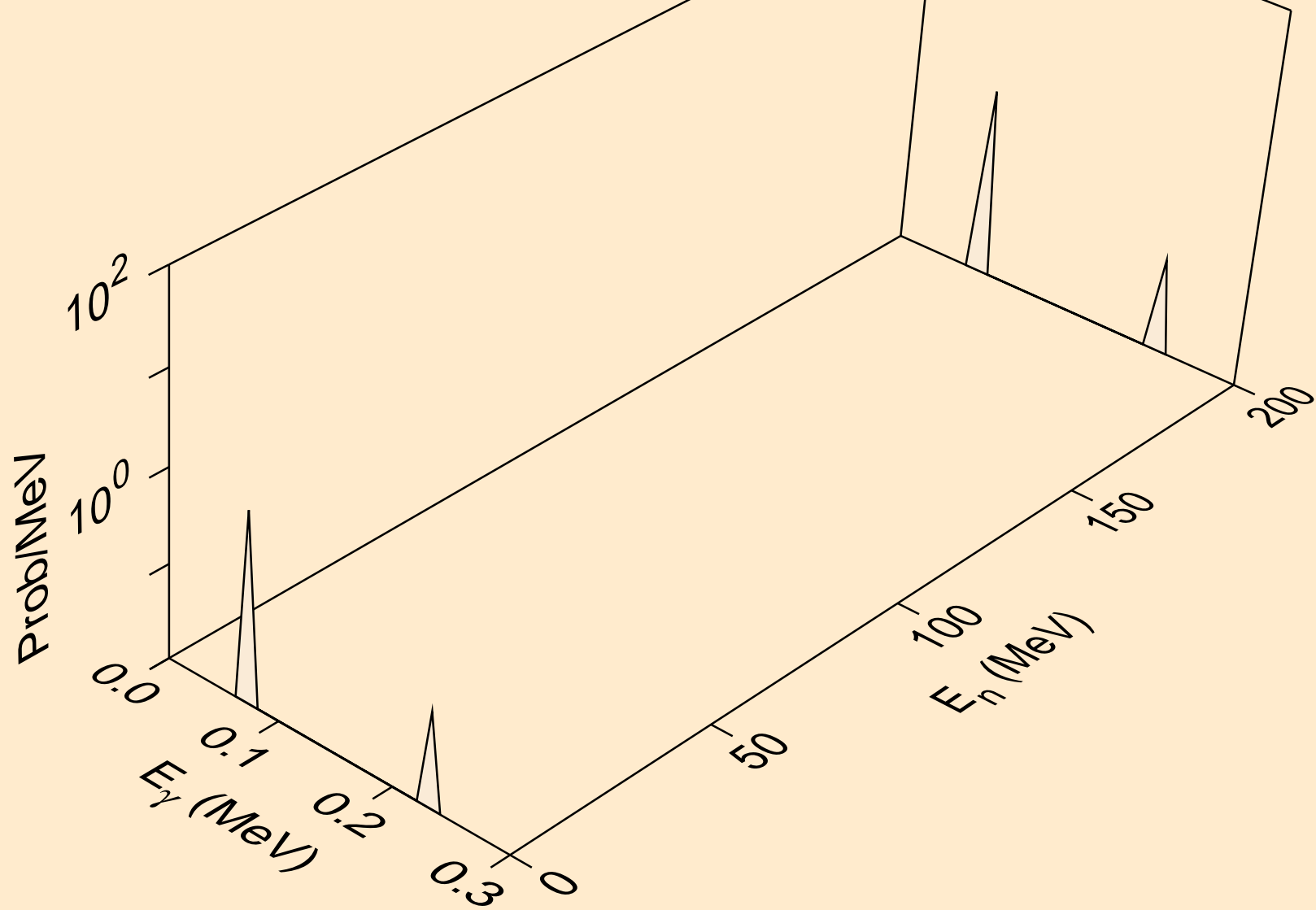
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Photon emission for (n,n2p)



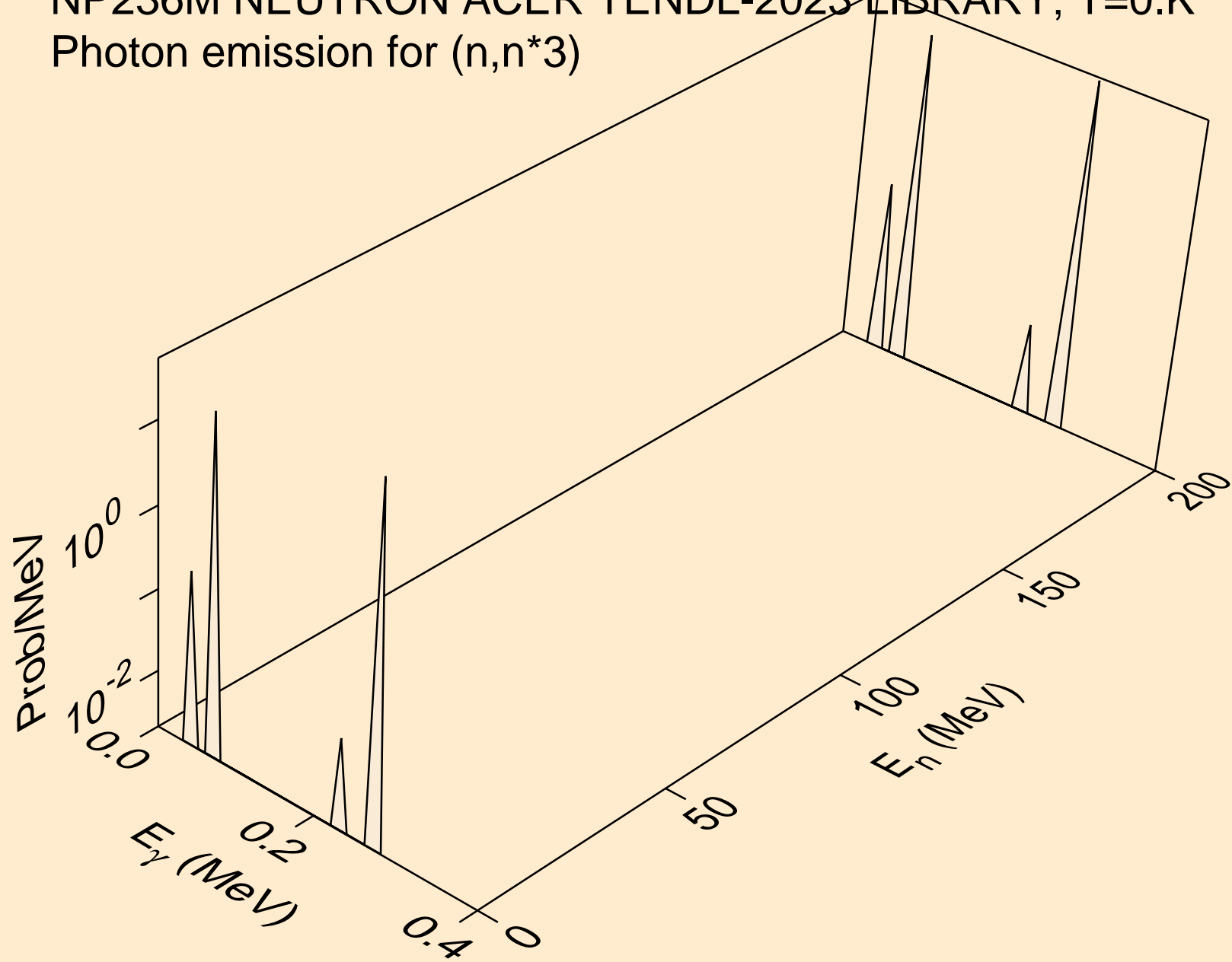
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*2)

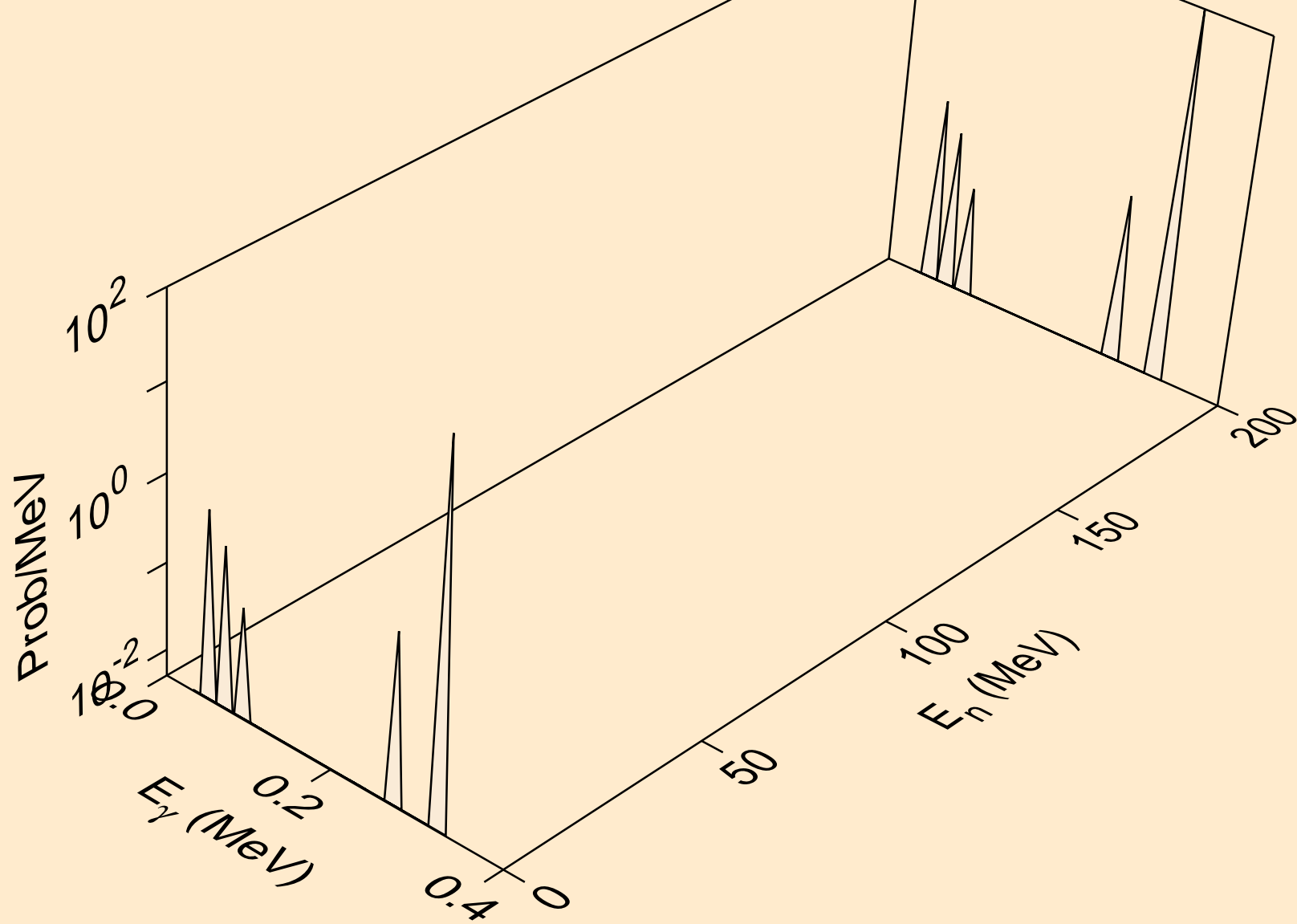


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Photon emission for (n,n\*3)

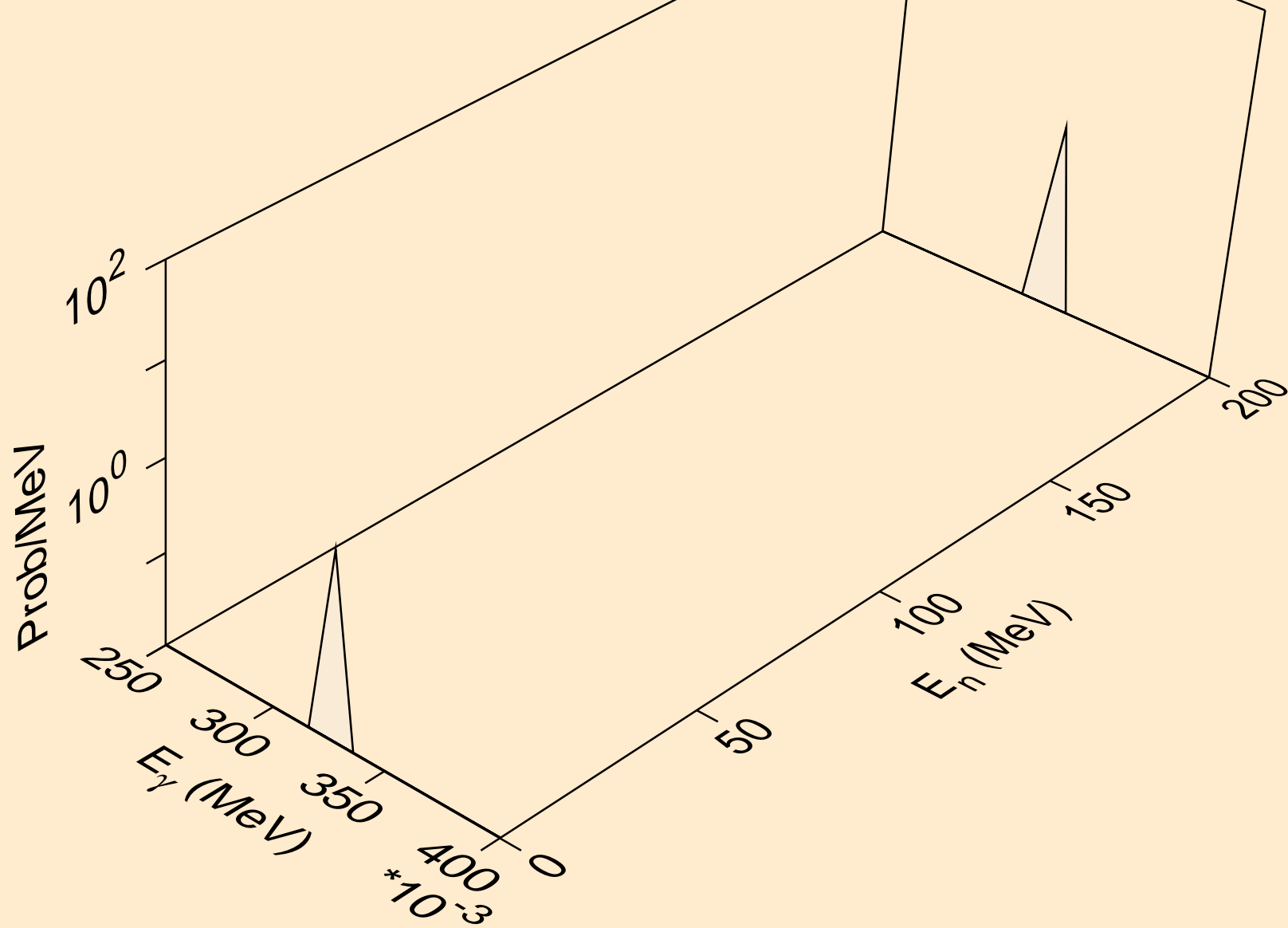




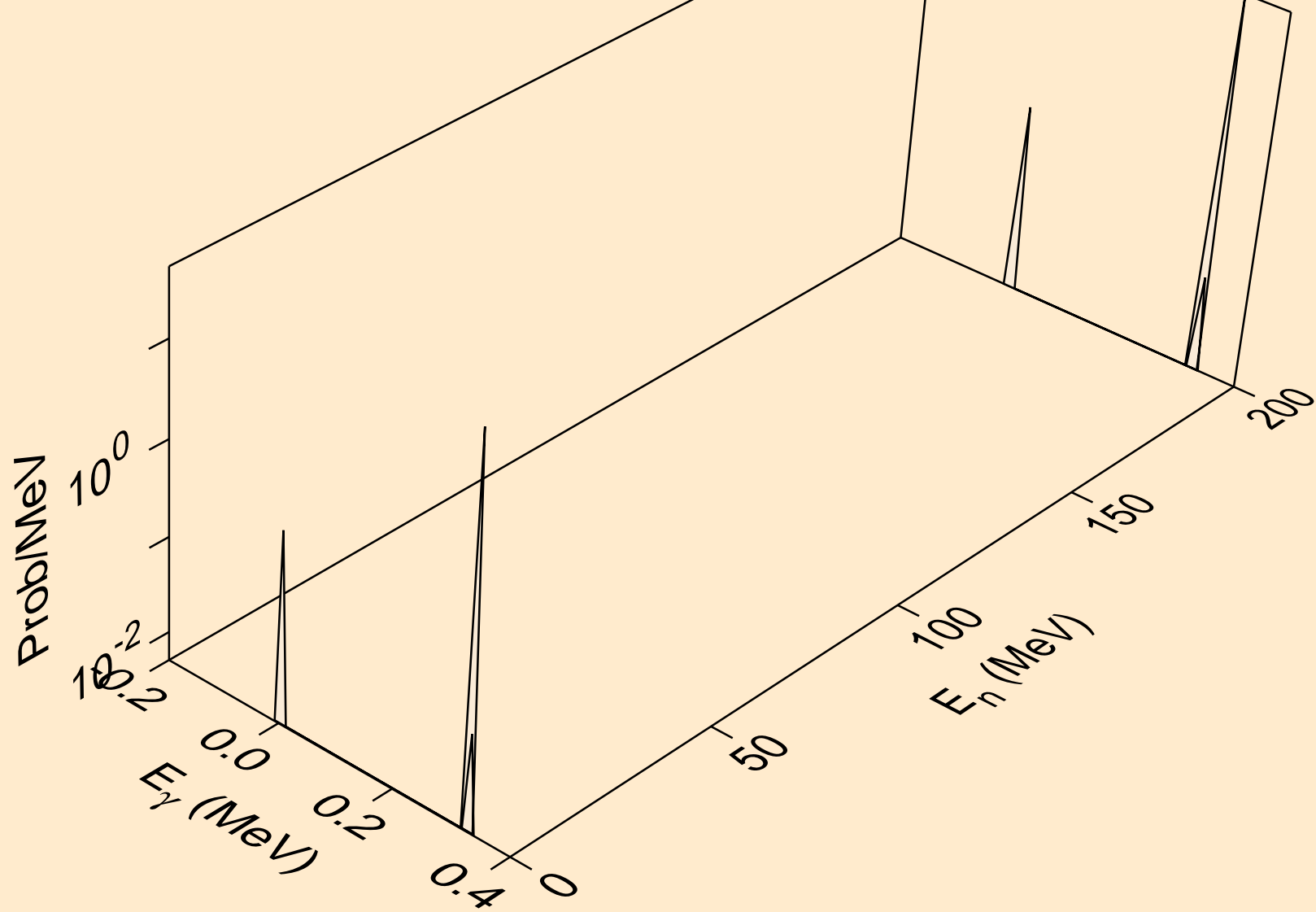
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*4)



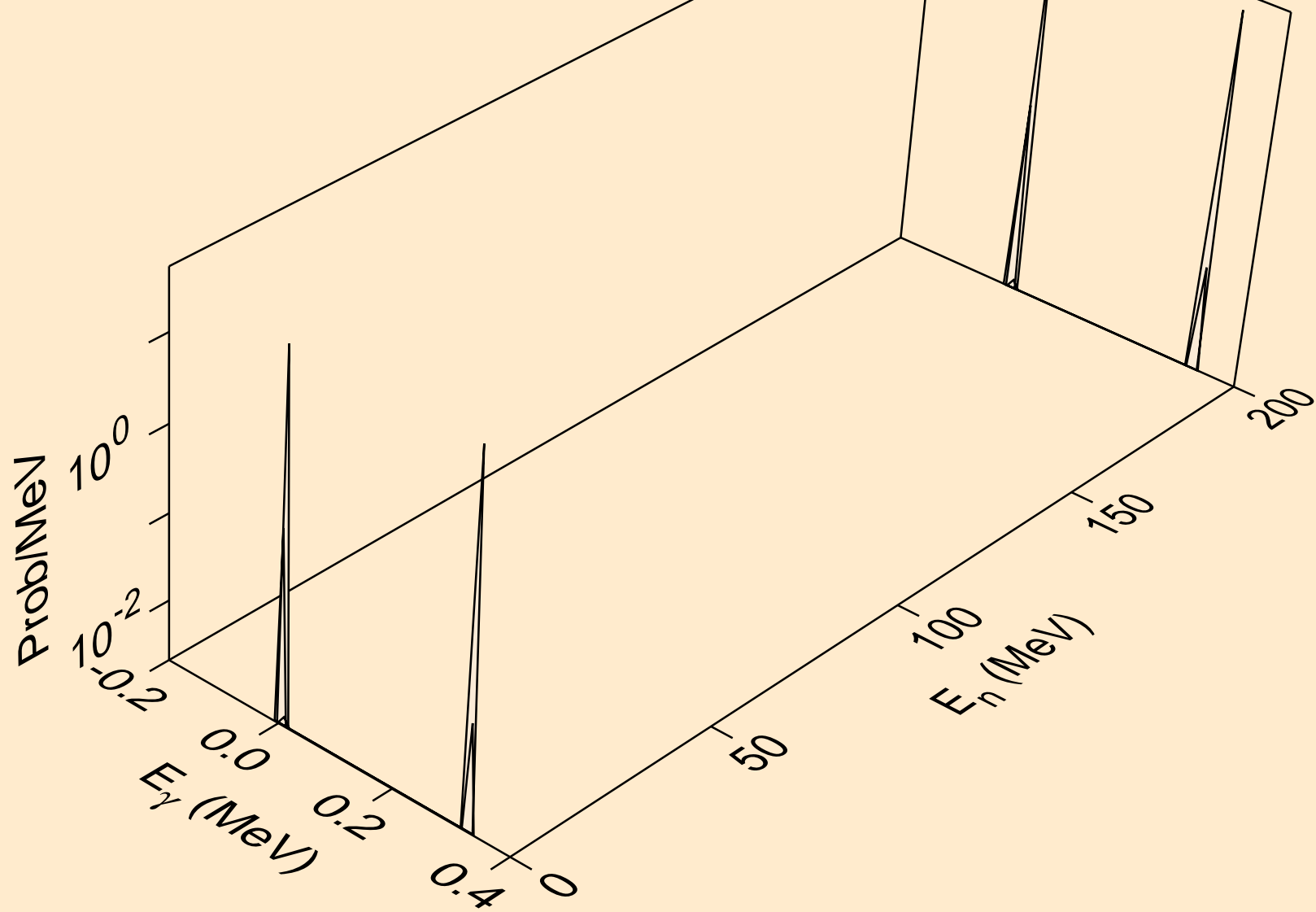
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Photon emission for (n,n\*5)



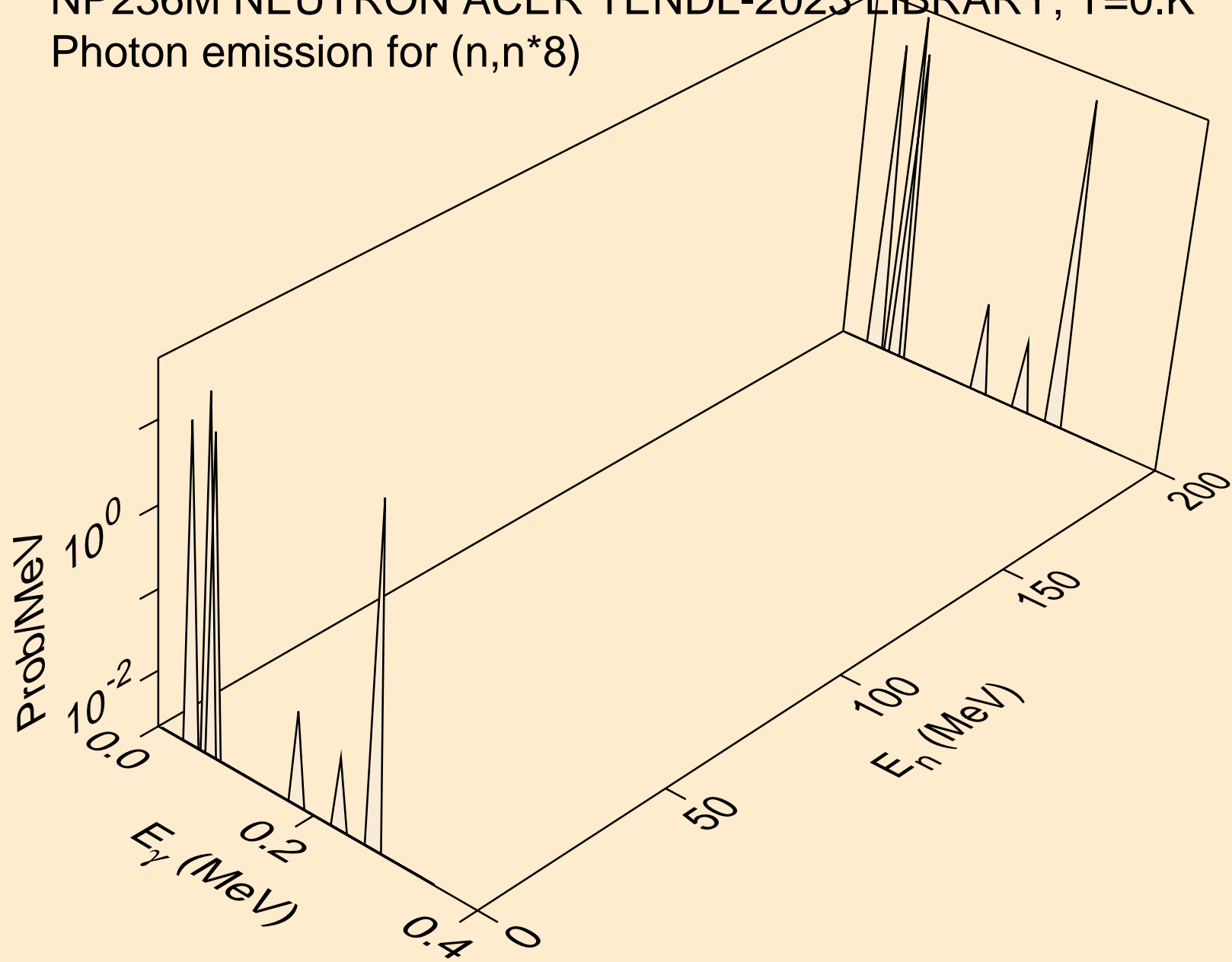
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Photon emission for (n,n\*6)



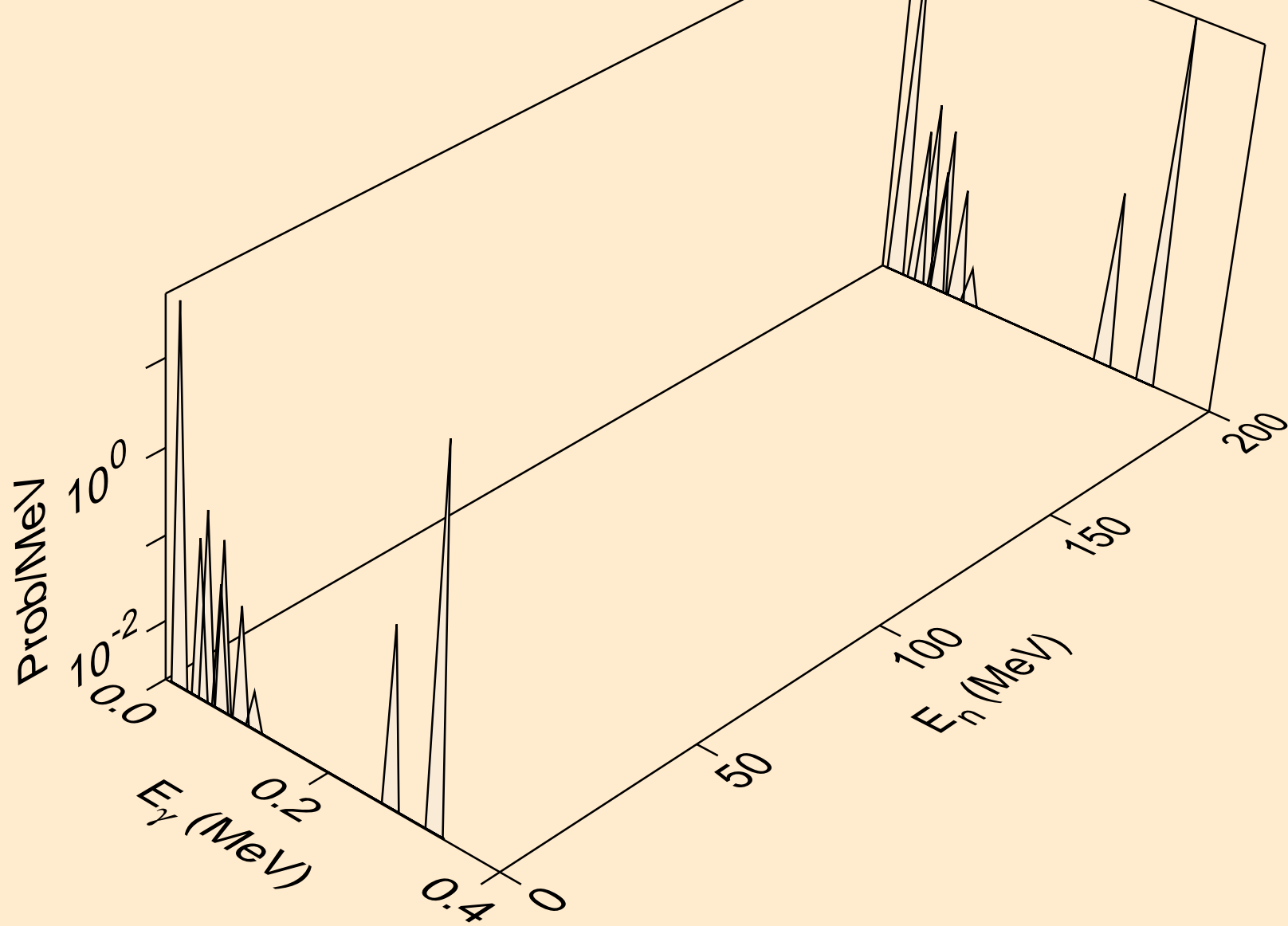
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Photon emission for (n,n\*7)



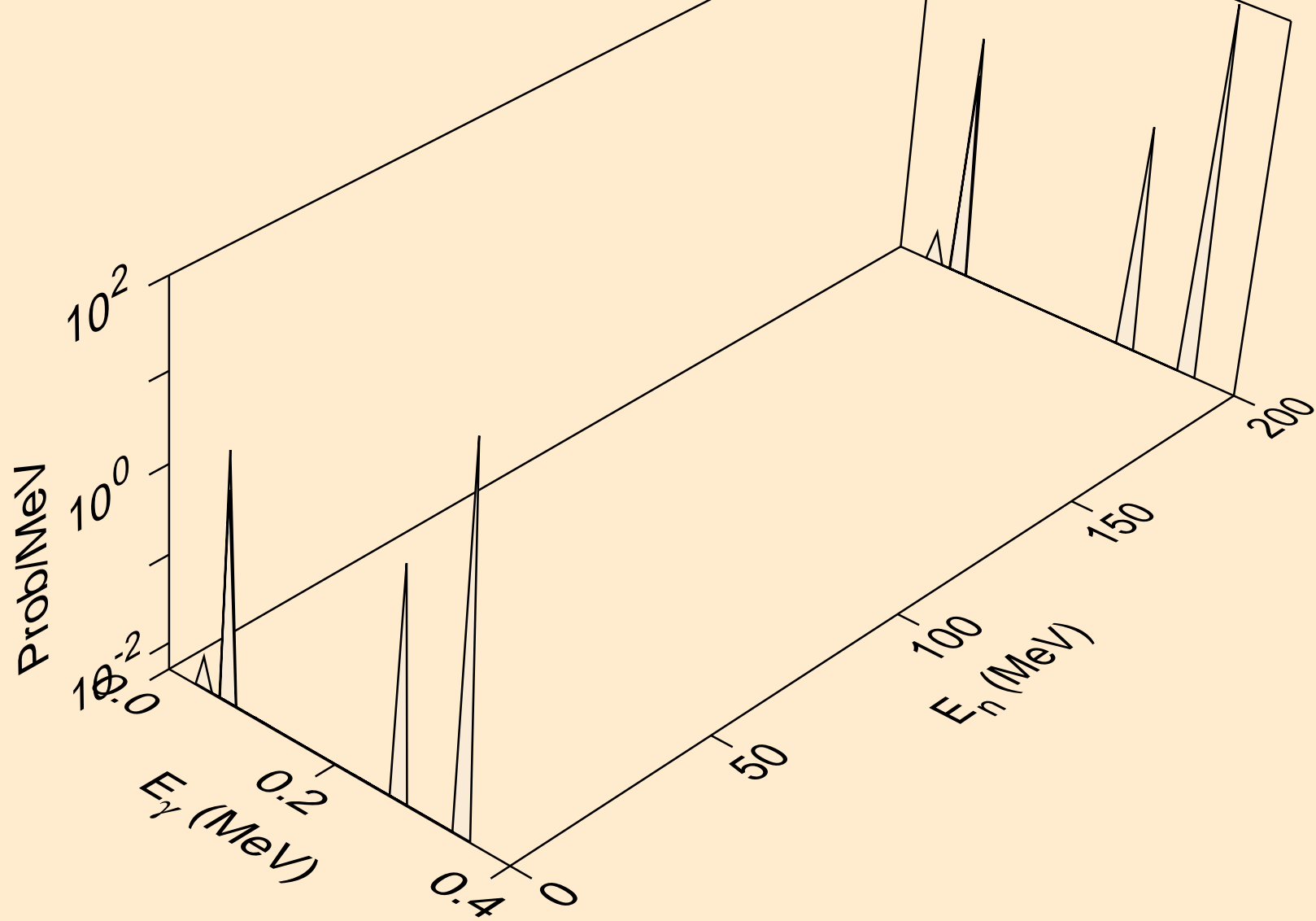
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Photon emission for (n,n\*8)



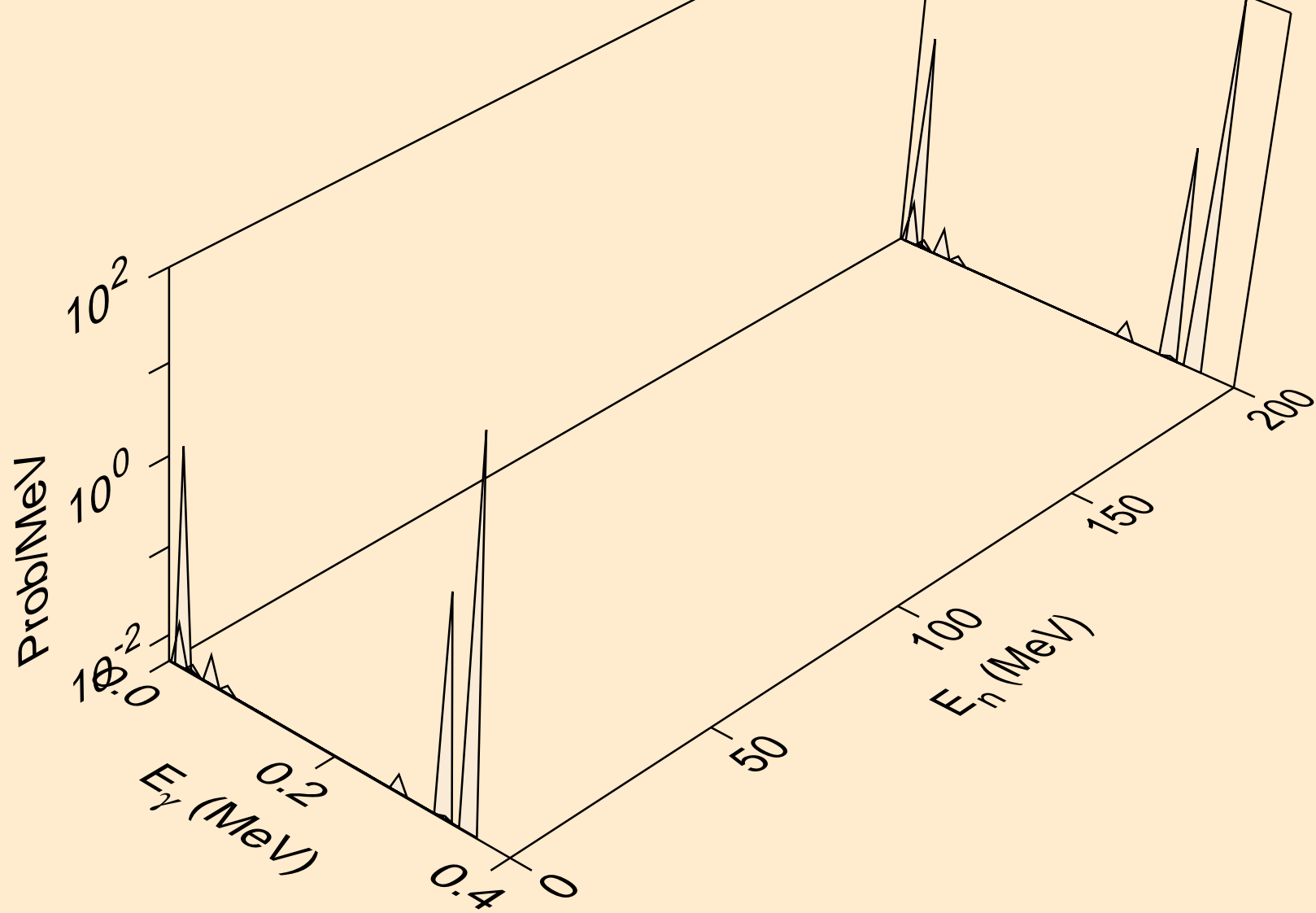
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*9)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*10)

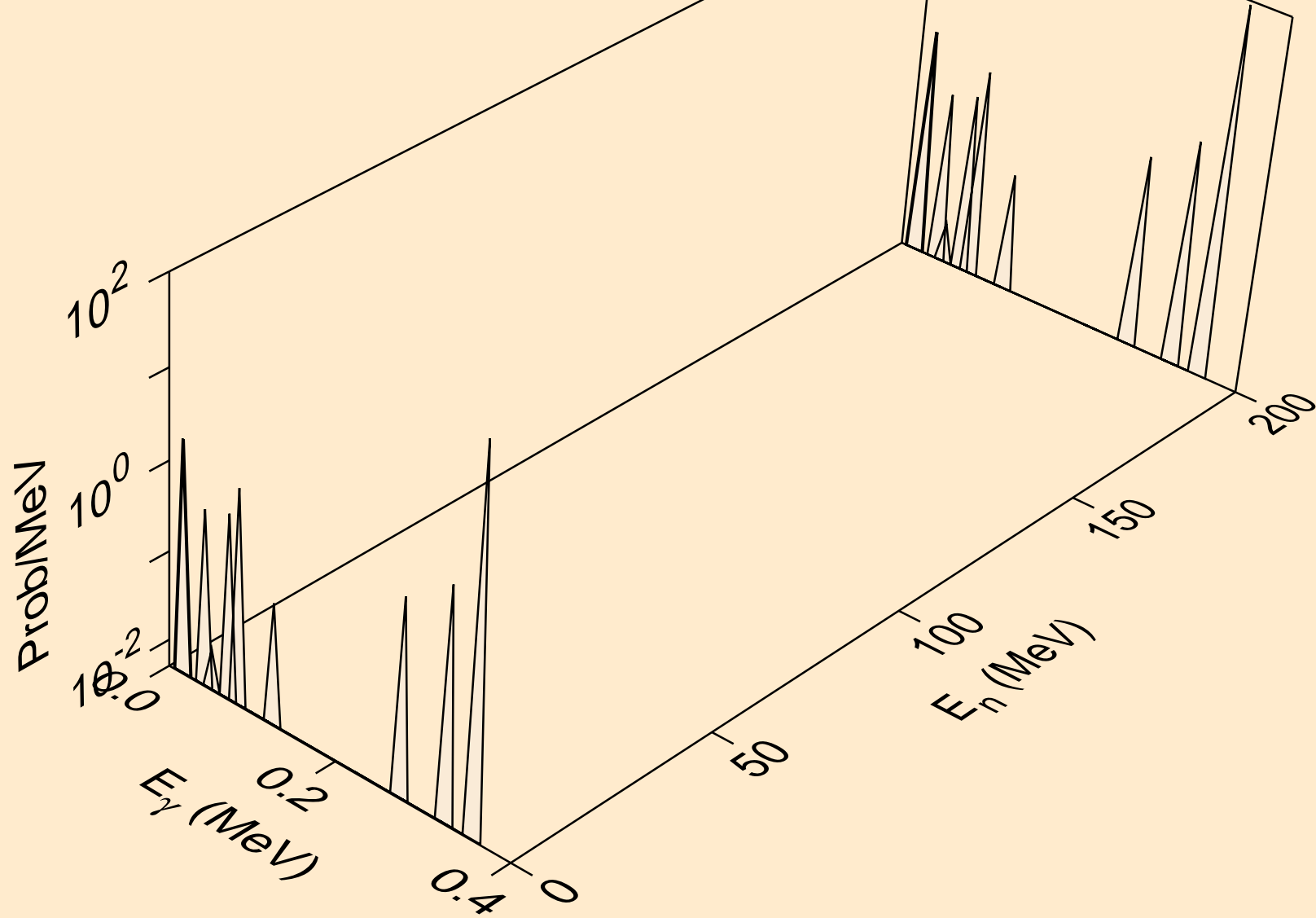


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Photon emission for (n,n\*11)

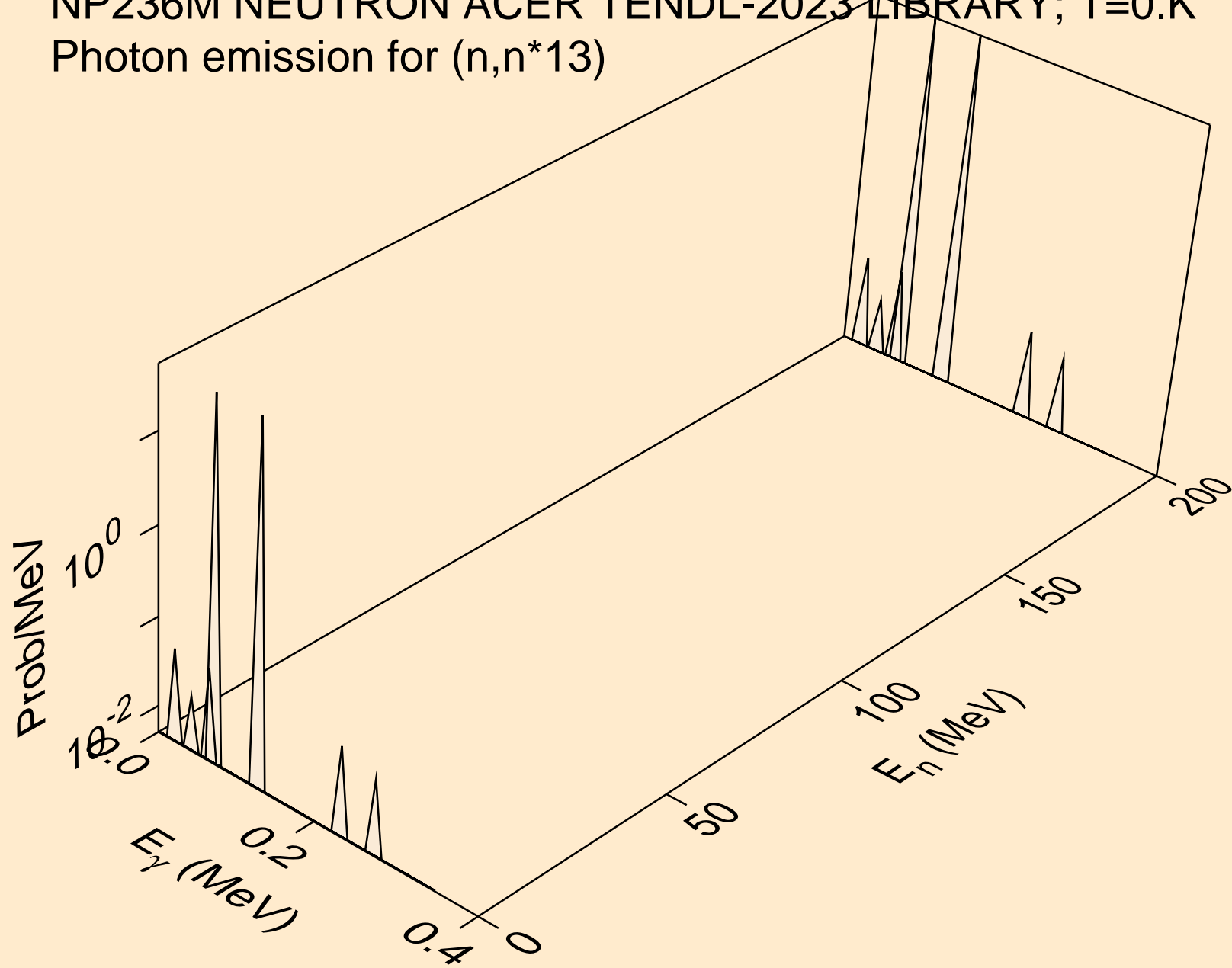




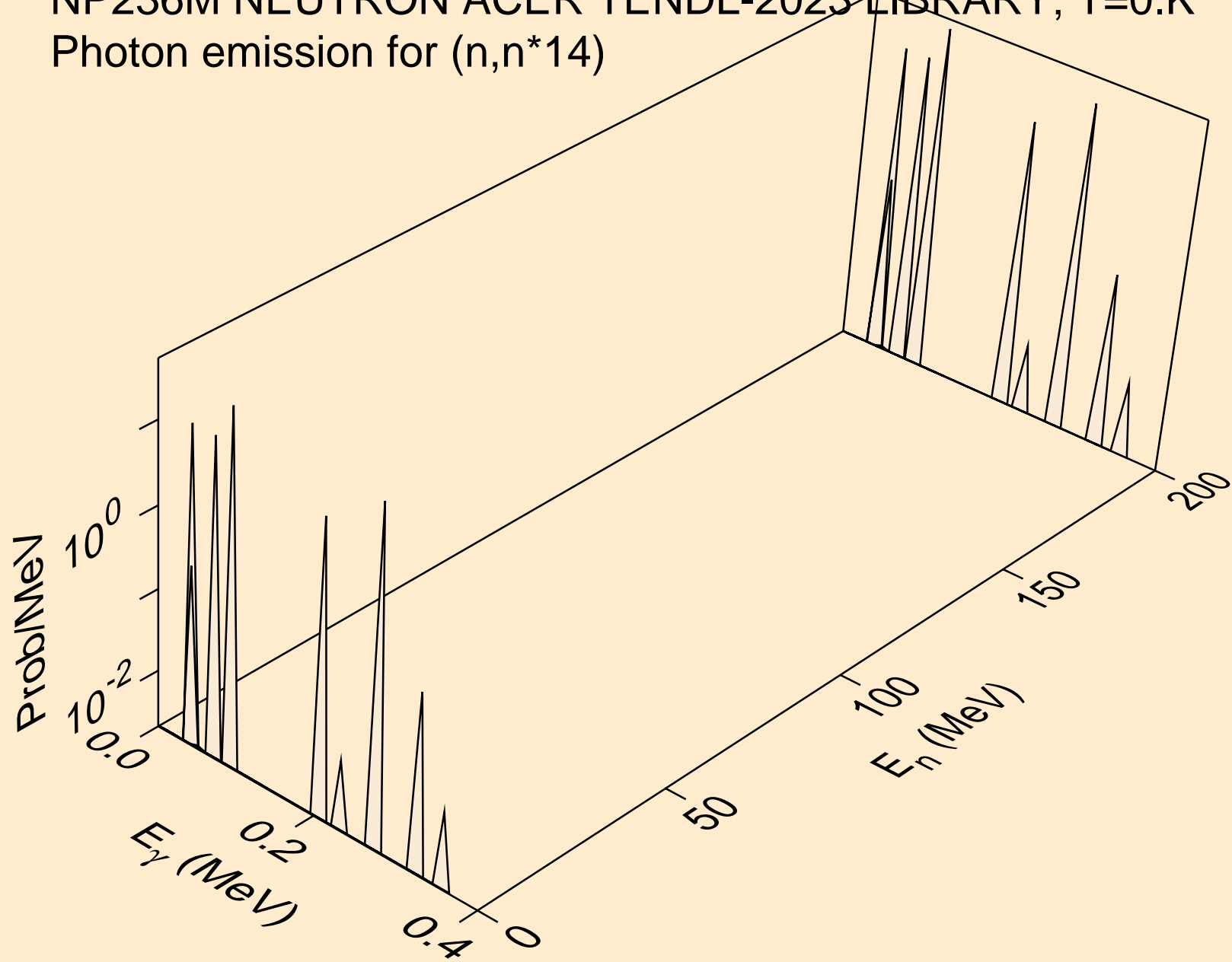
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Photon emission for (n,n\*12)



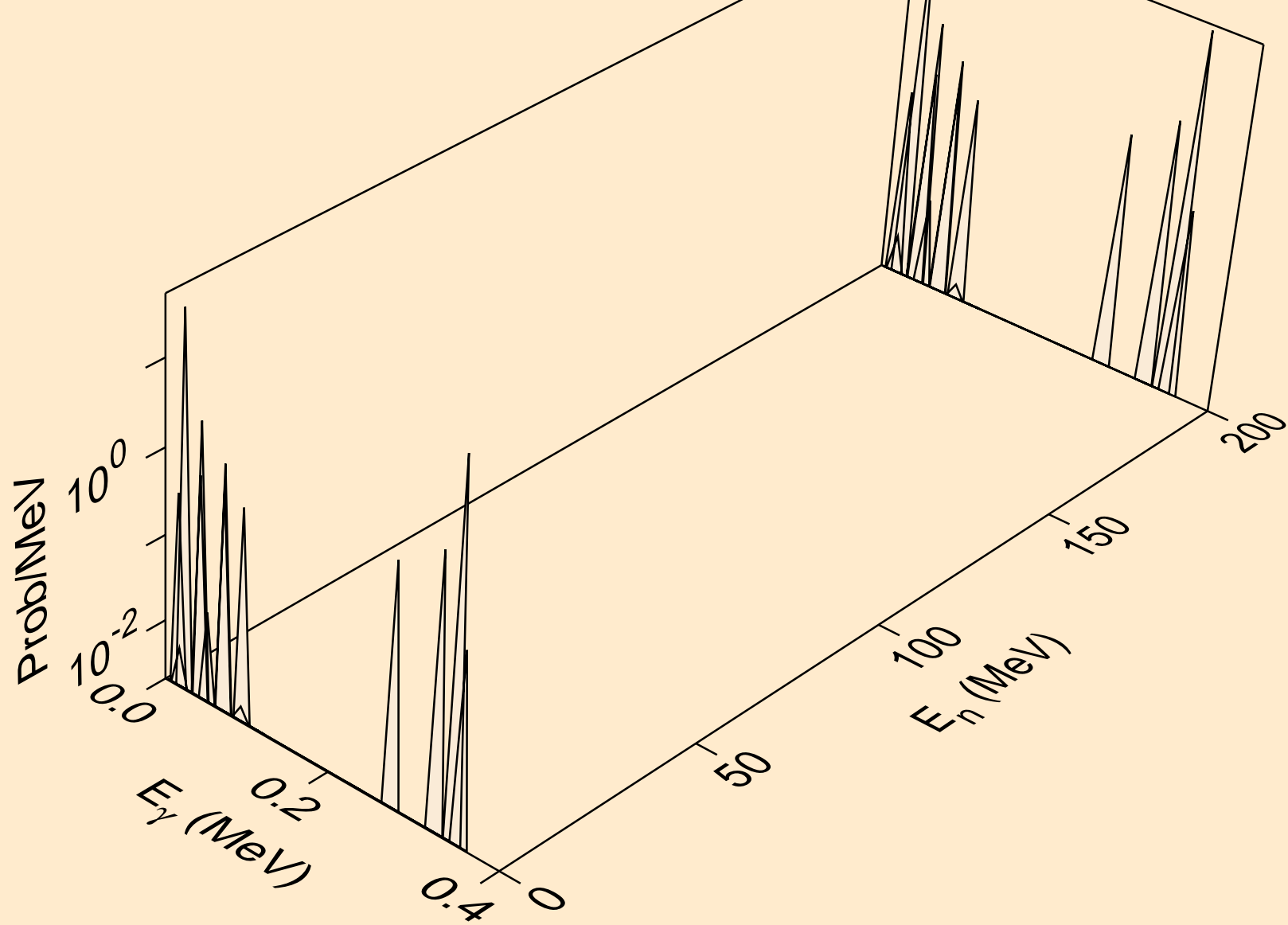
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Photon emission for (n,n\*13)



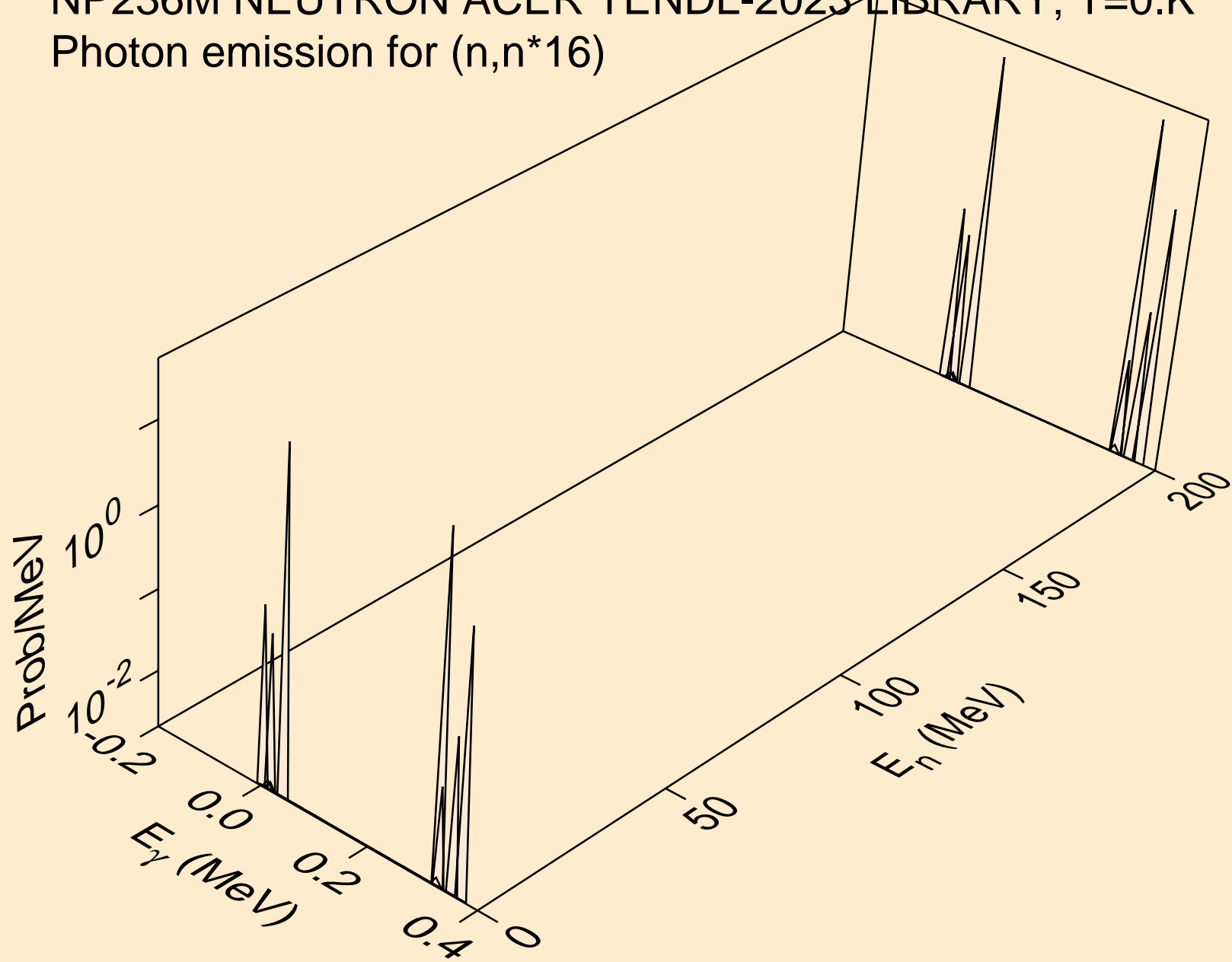
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Photon emission for (n,n\*14)



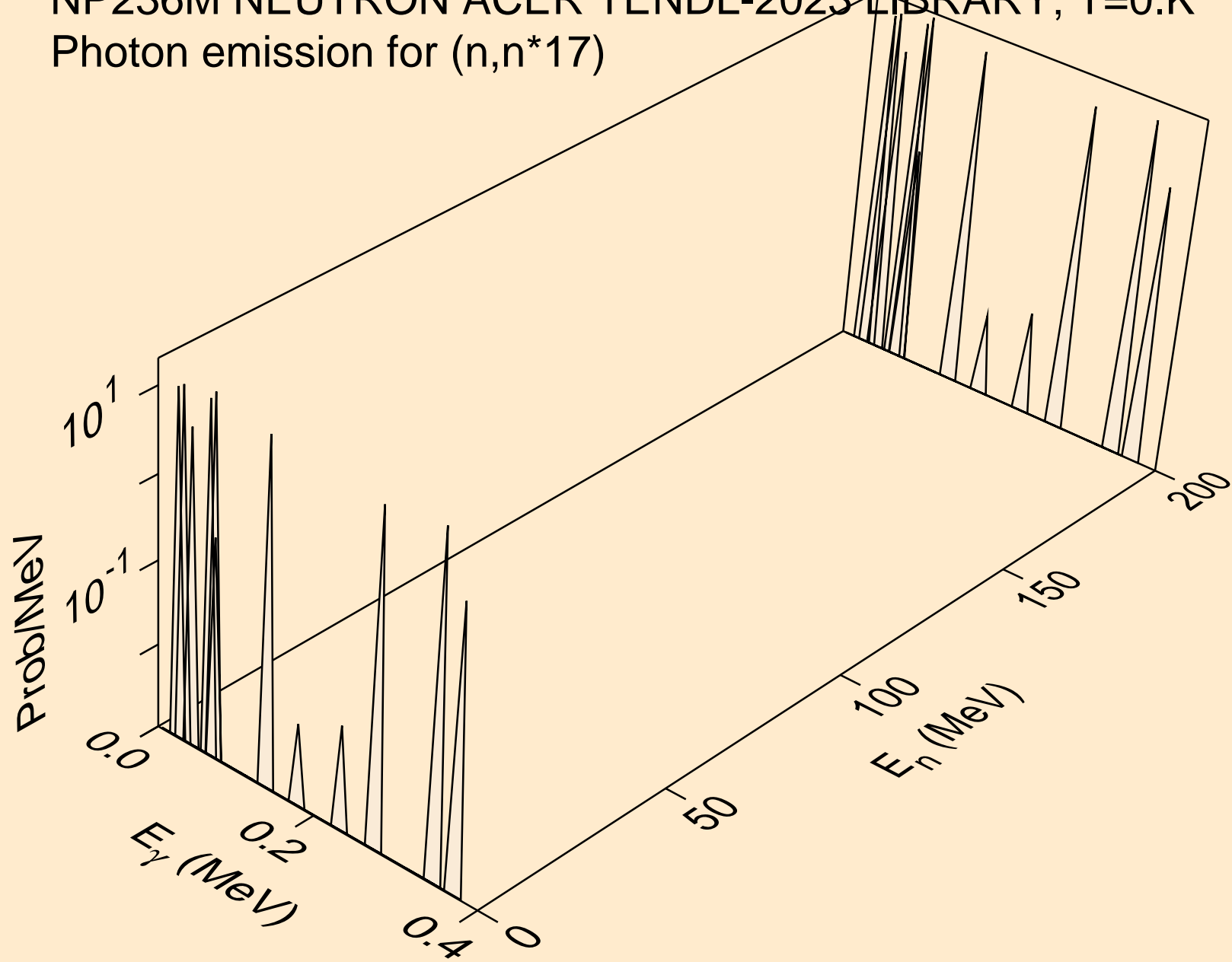
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Photon emission for (n,n\*15)



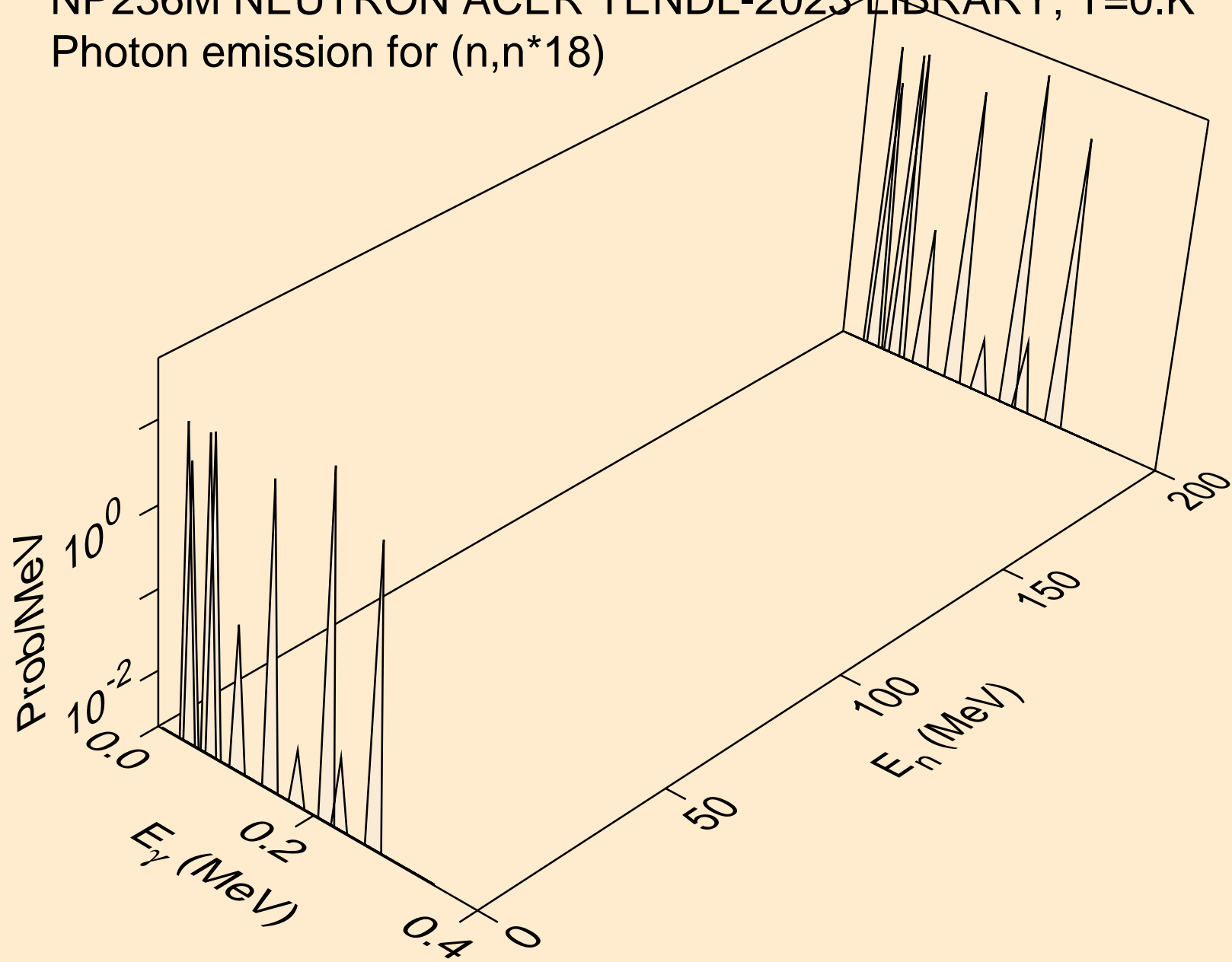
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Photon emission for (n,n\*16)



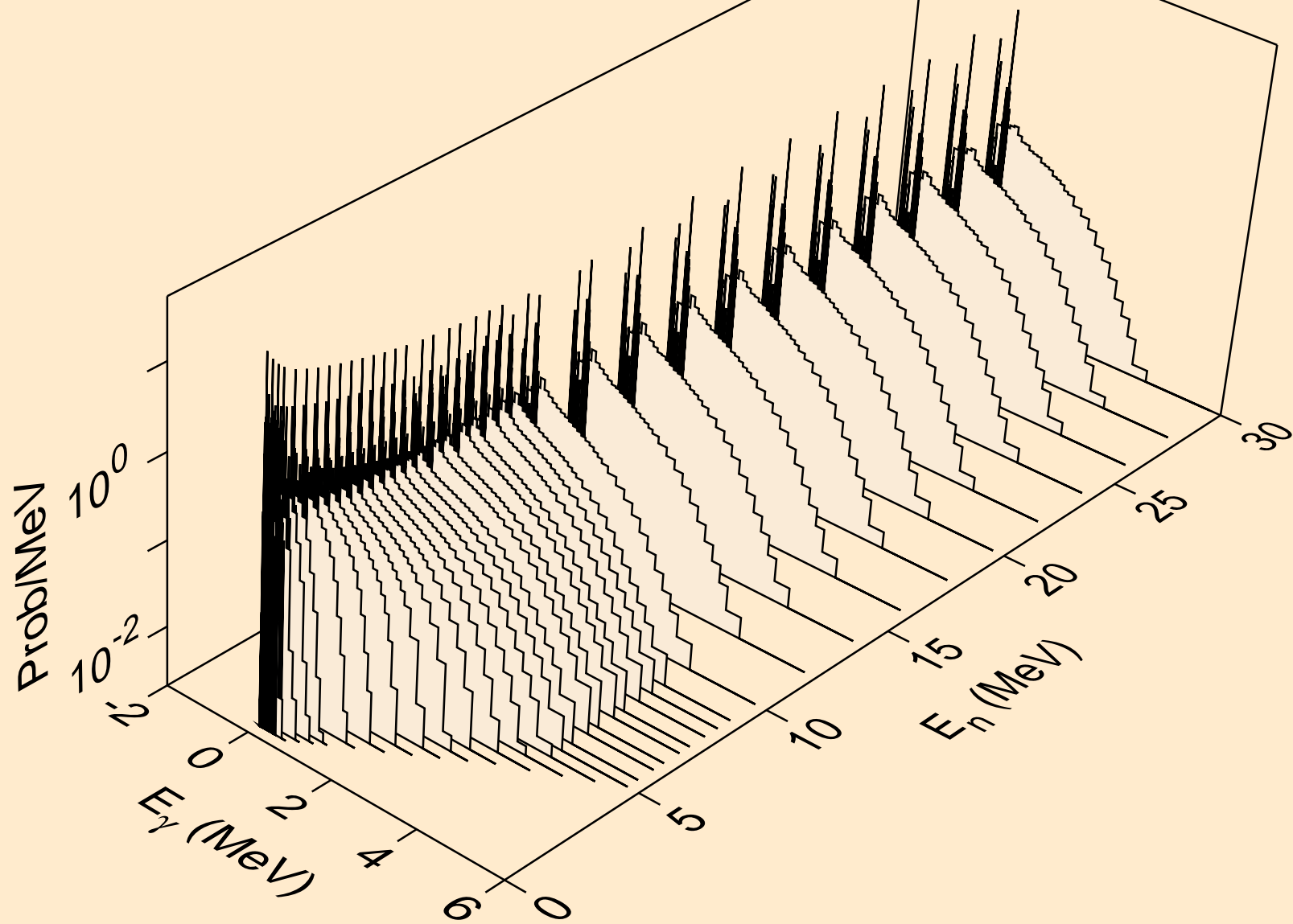
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Photon emission for (n,n\*17)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*18)

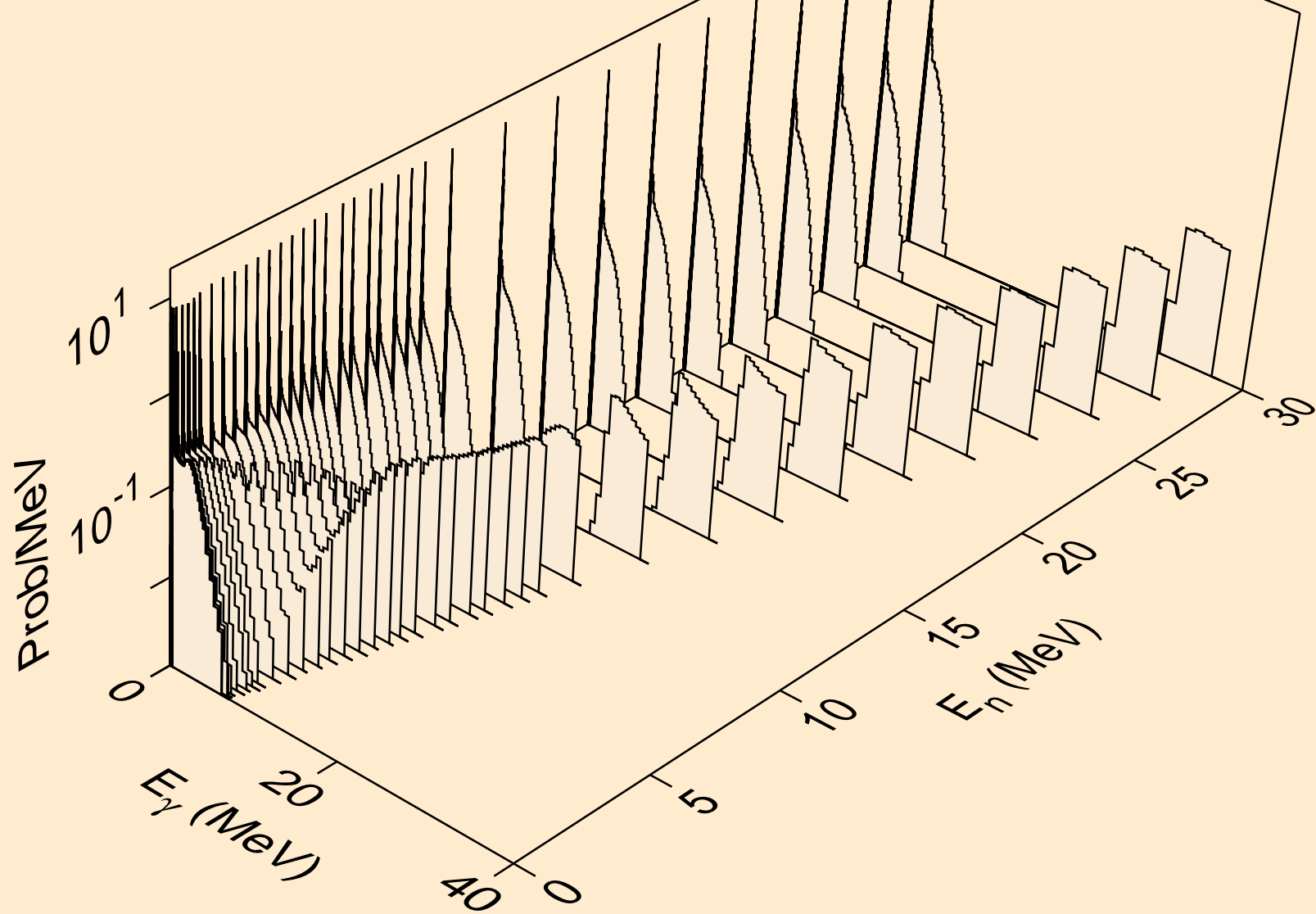


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Photon emission for (n,n\*c)

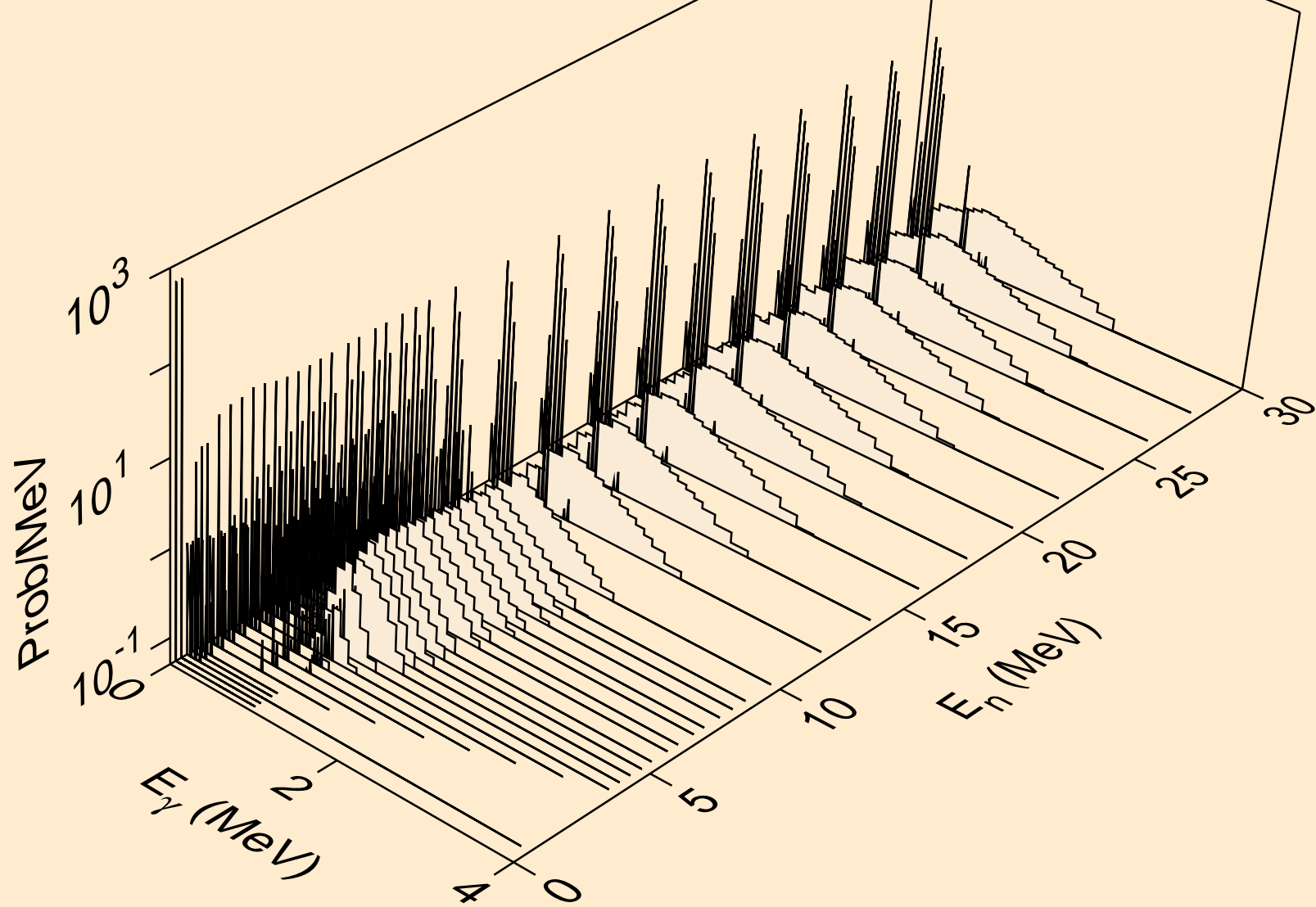




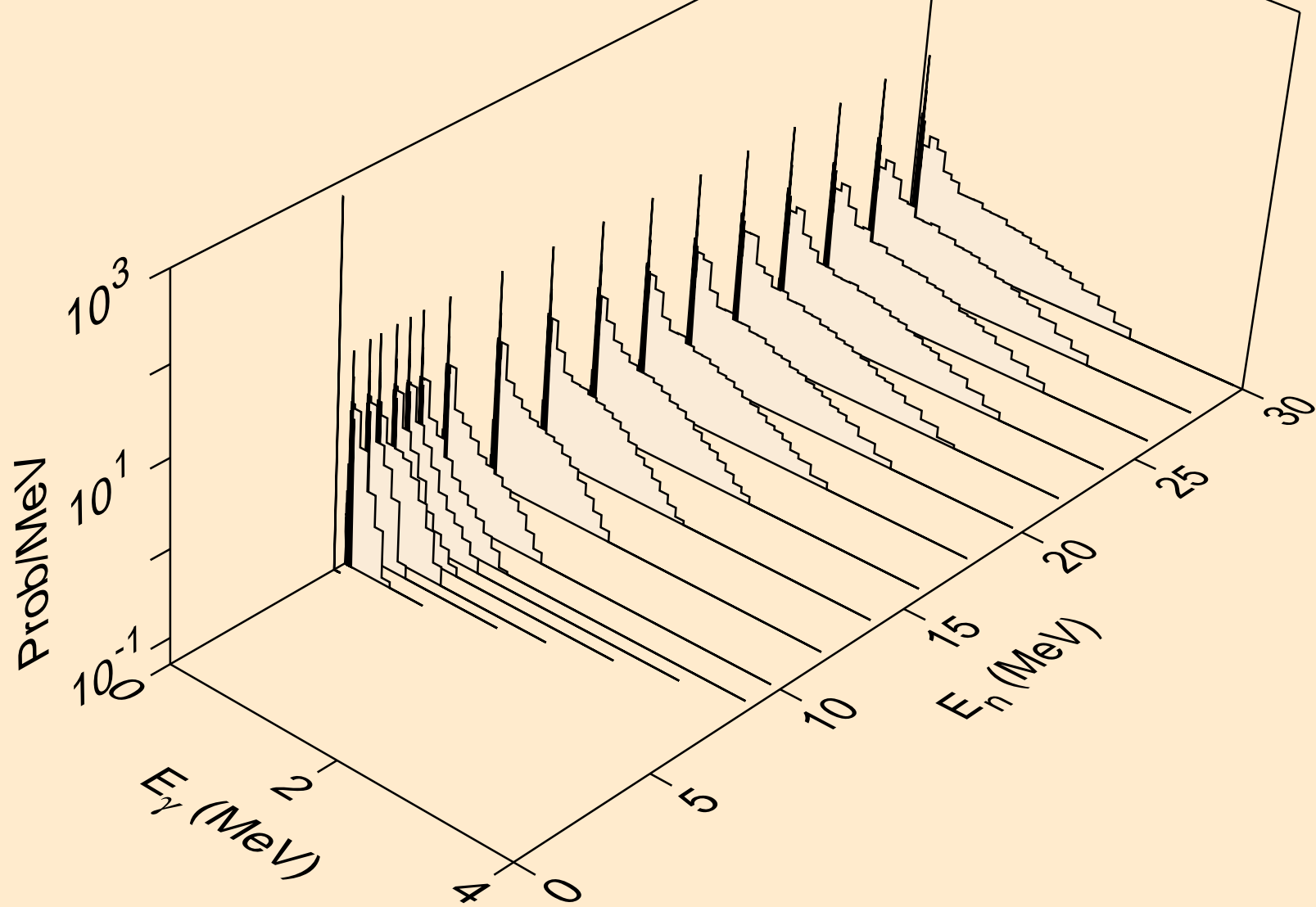
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Photon emission for (n,gma)



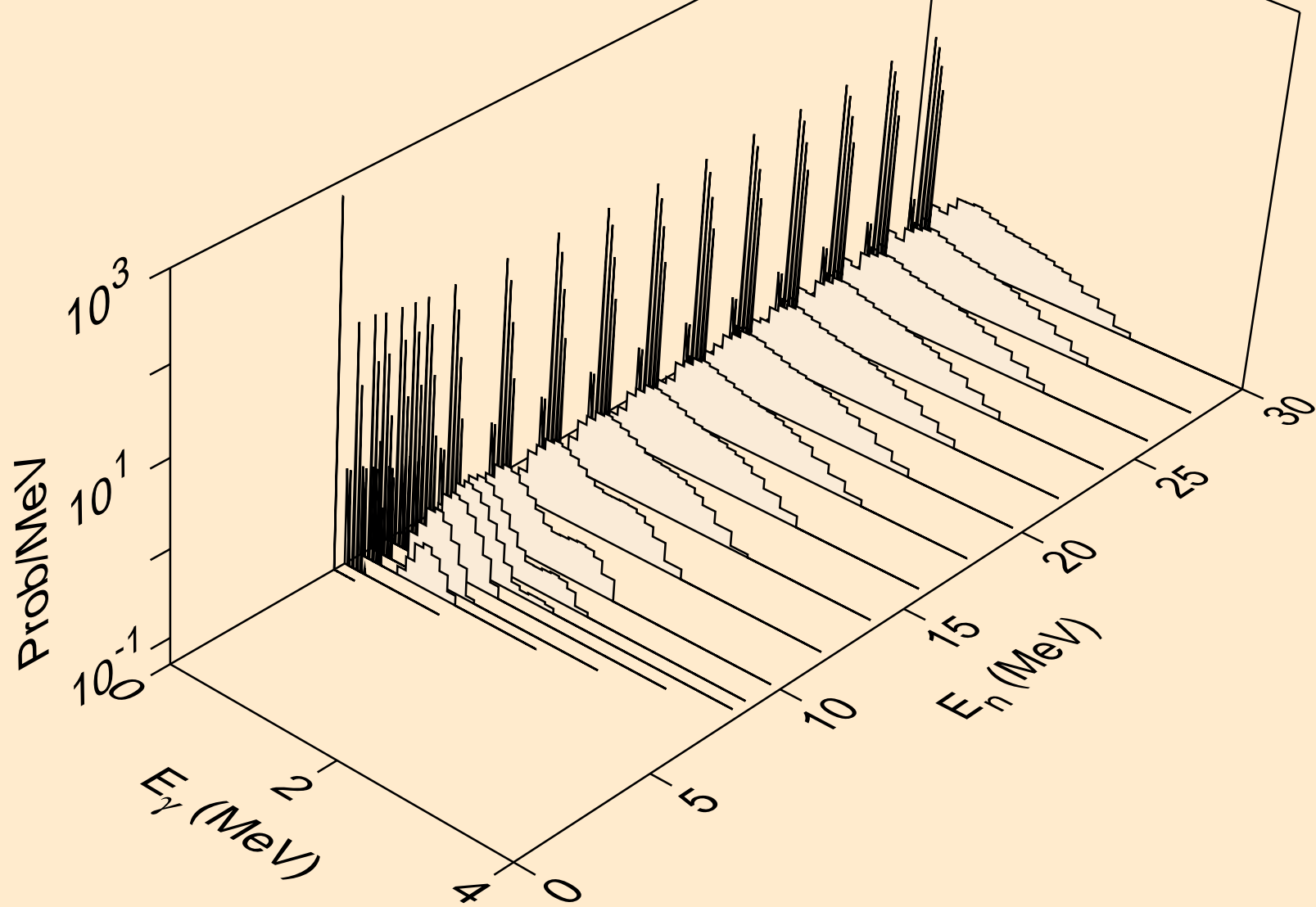
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Photon emission for (n,p)



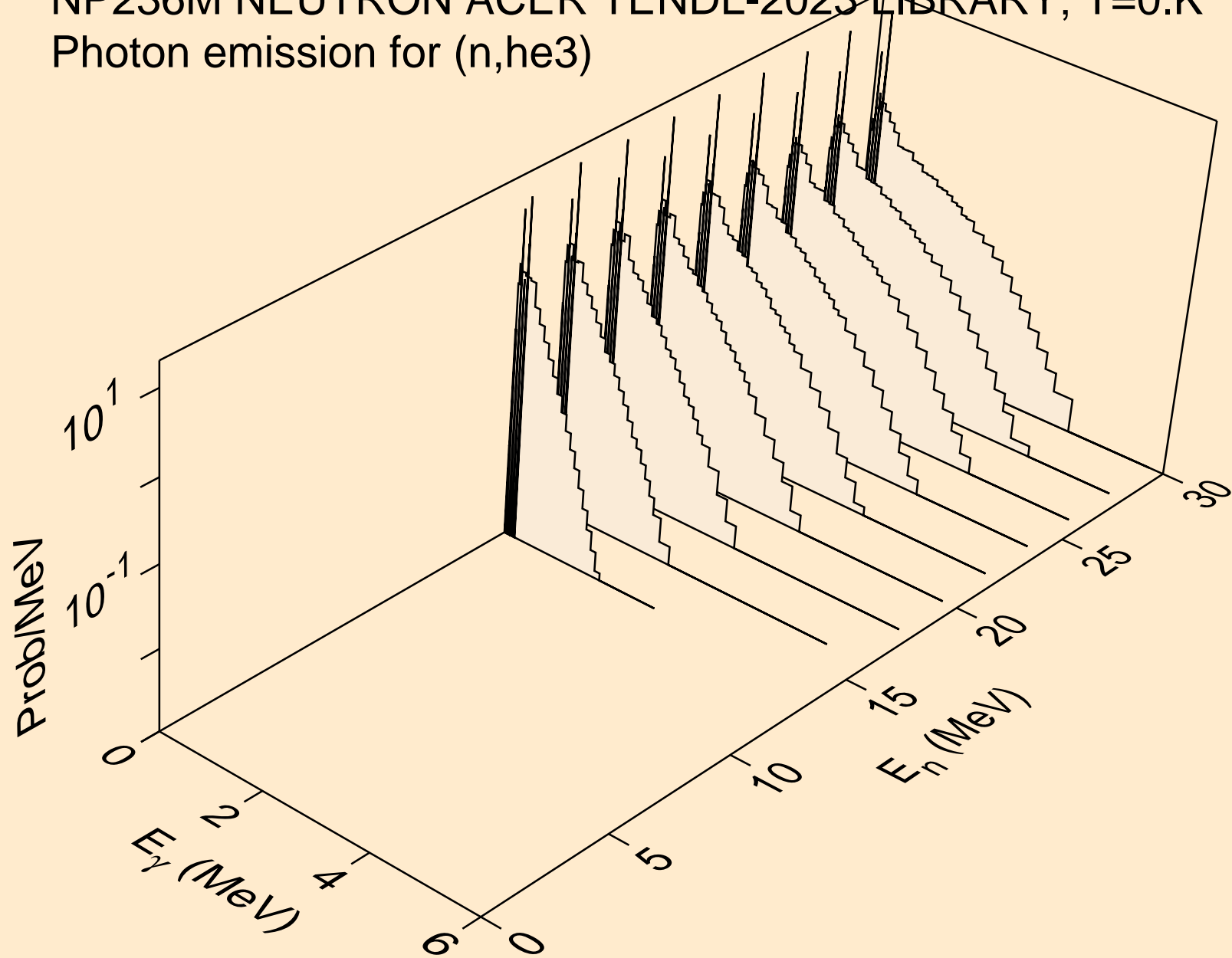
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



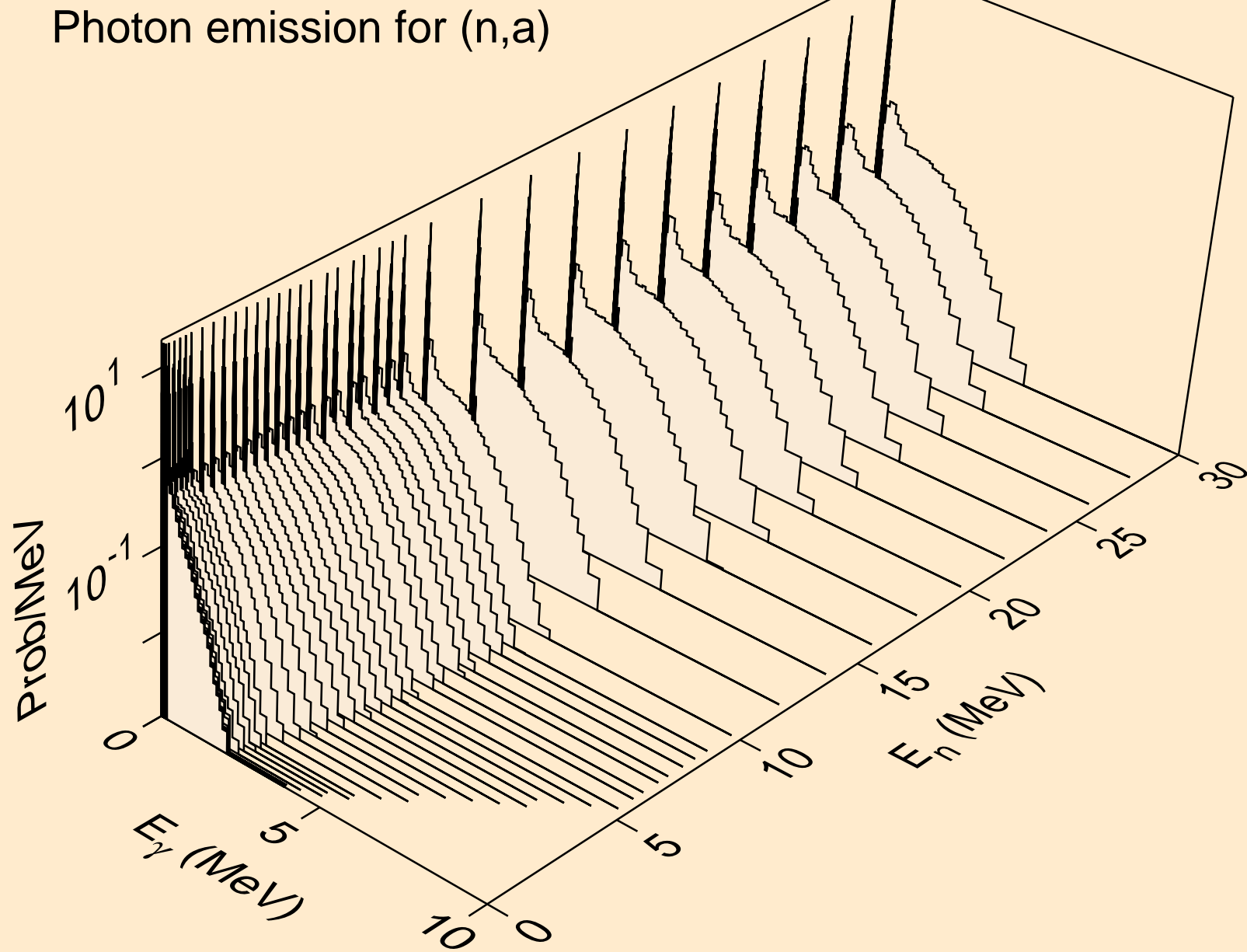
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Photon emission for (n,t)



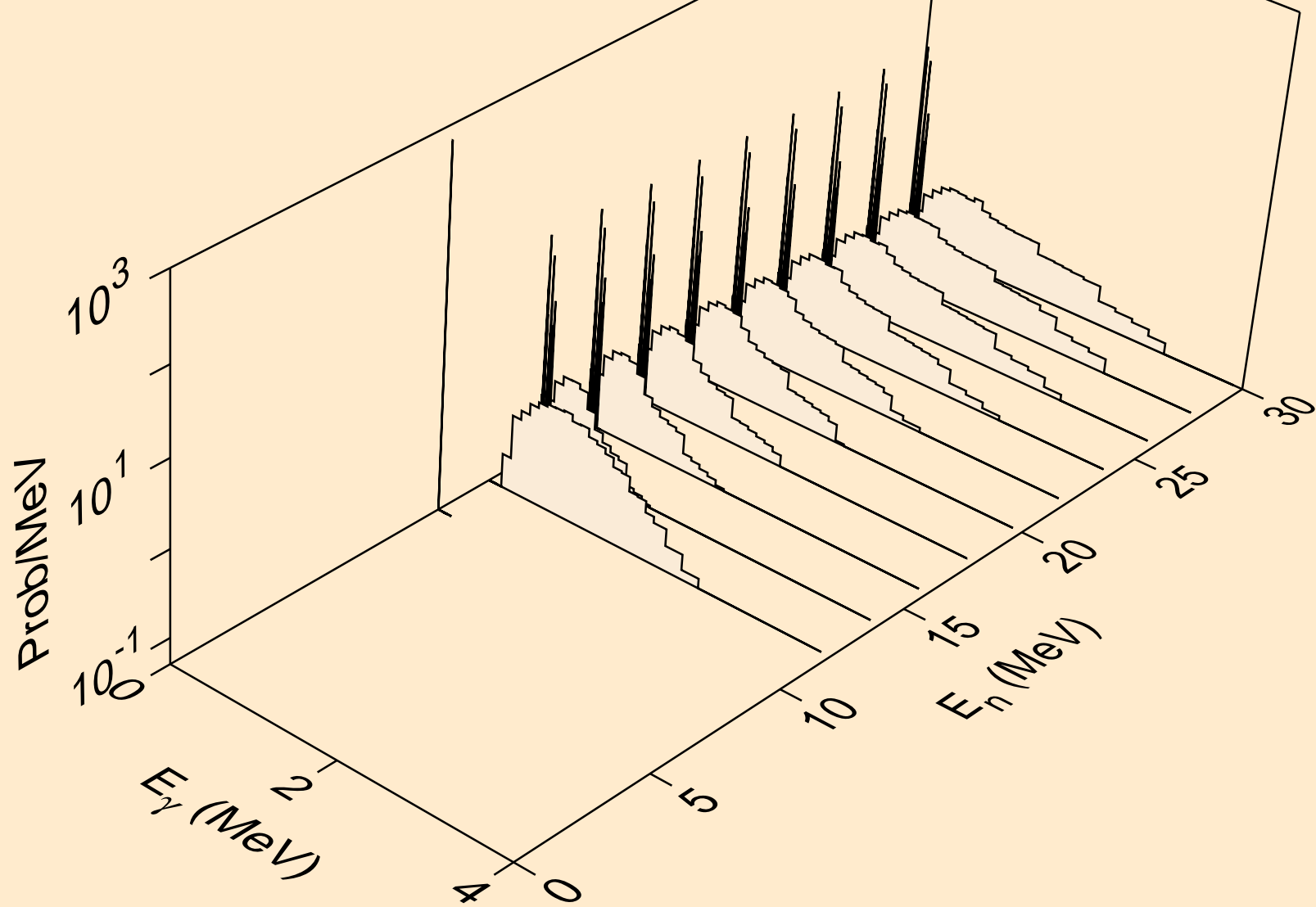
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Photon emission for (n,he3)



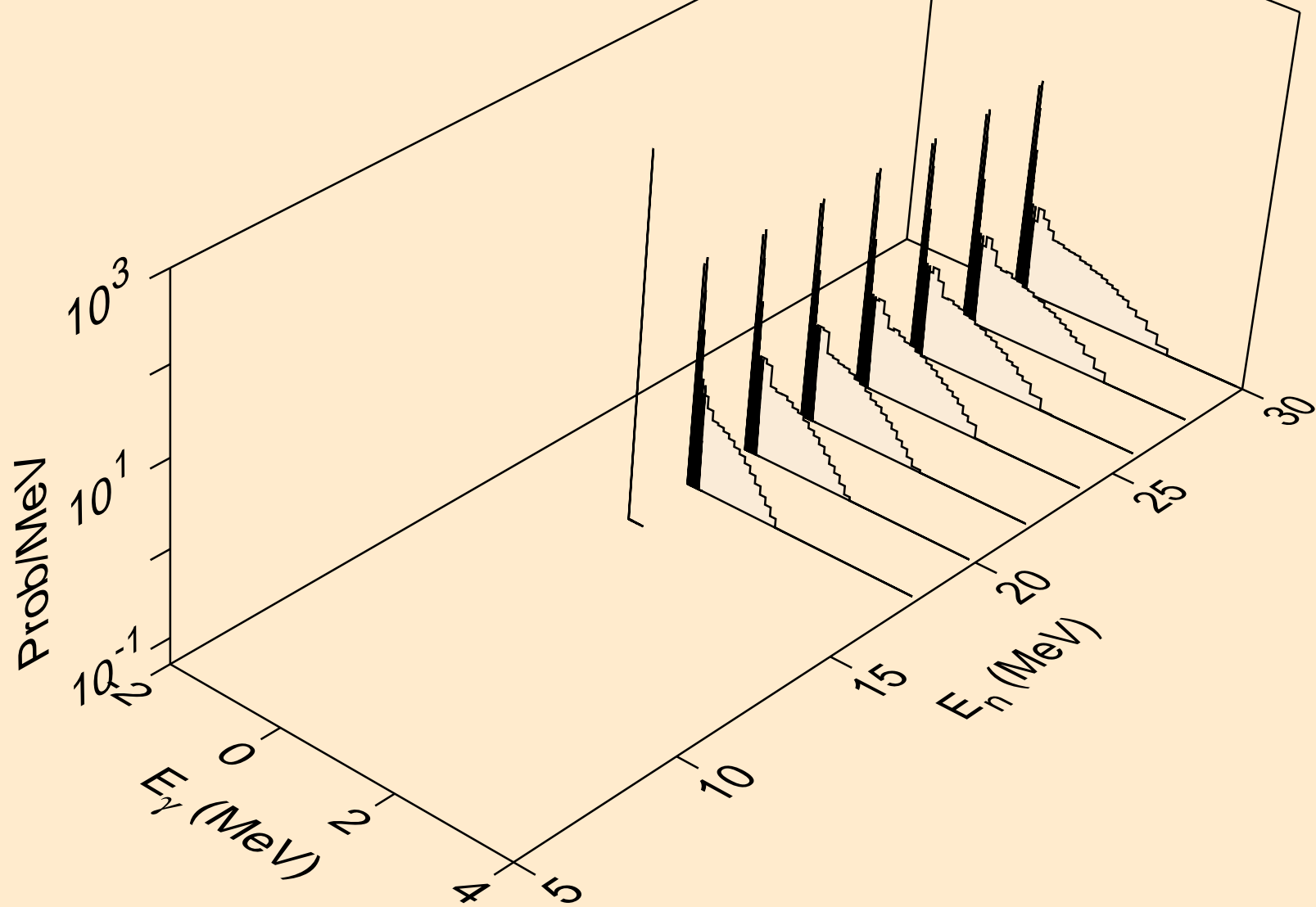
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

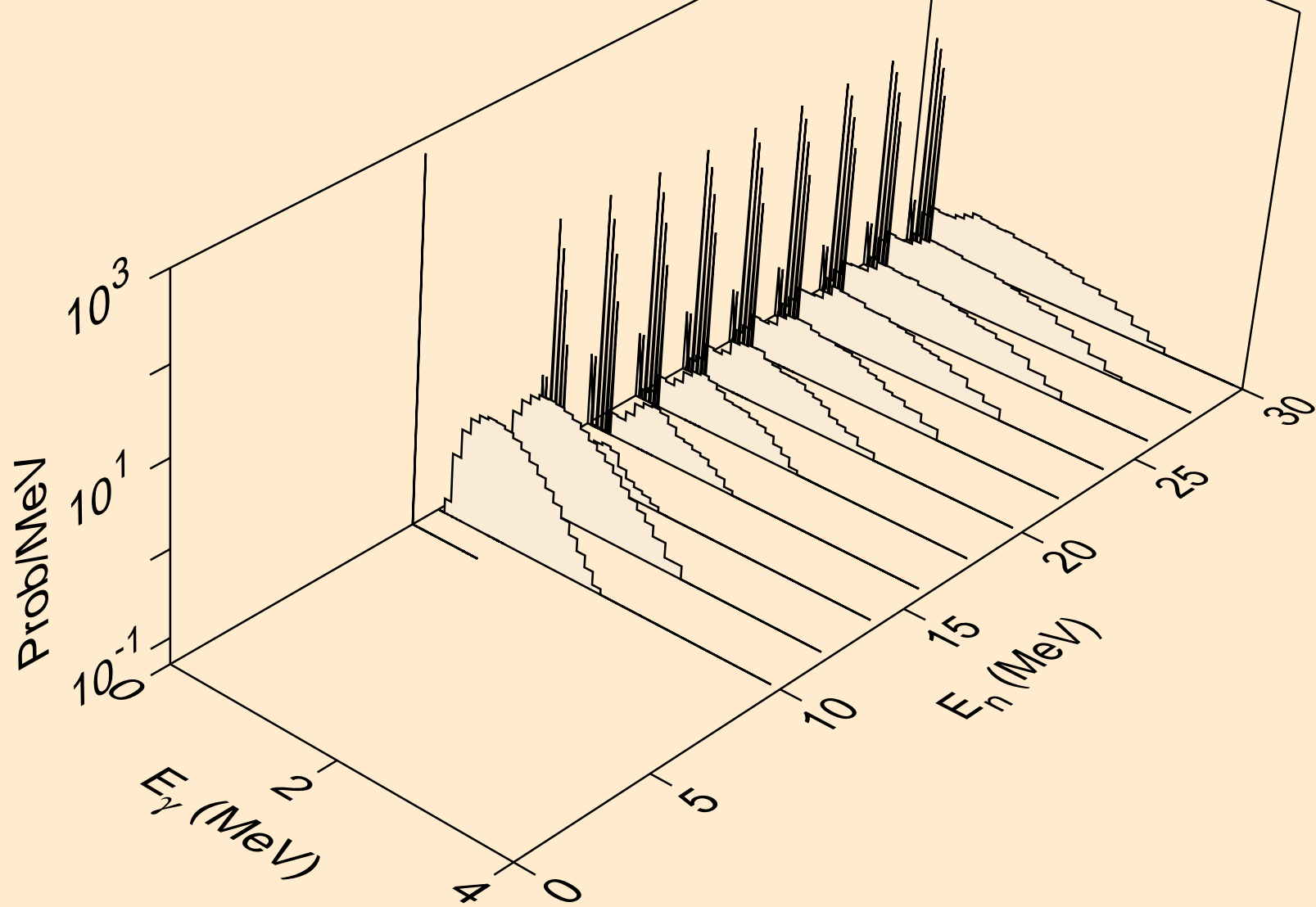


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Photon emission for (n,2p)

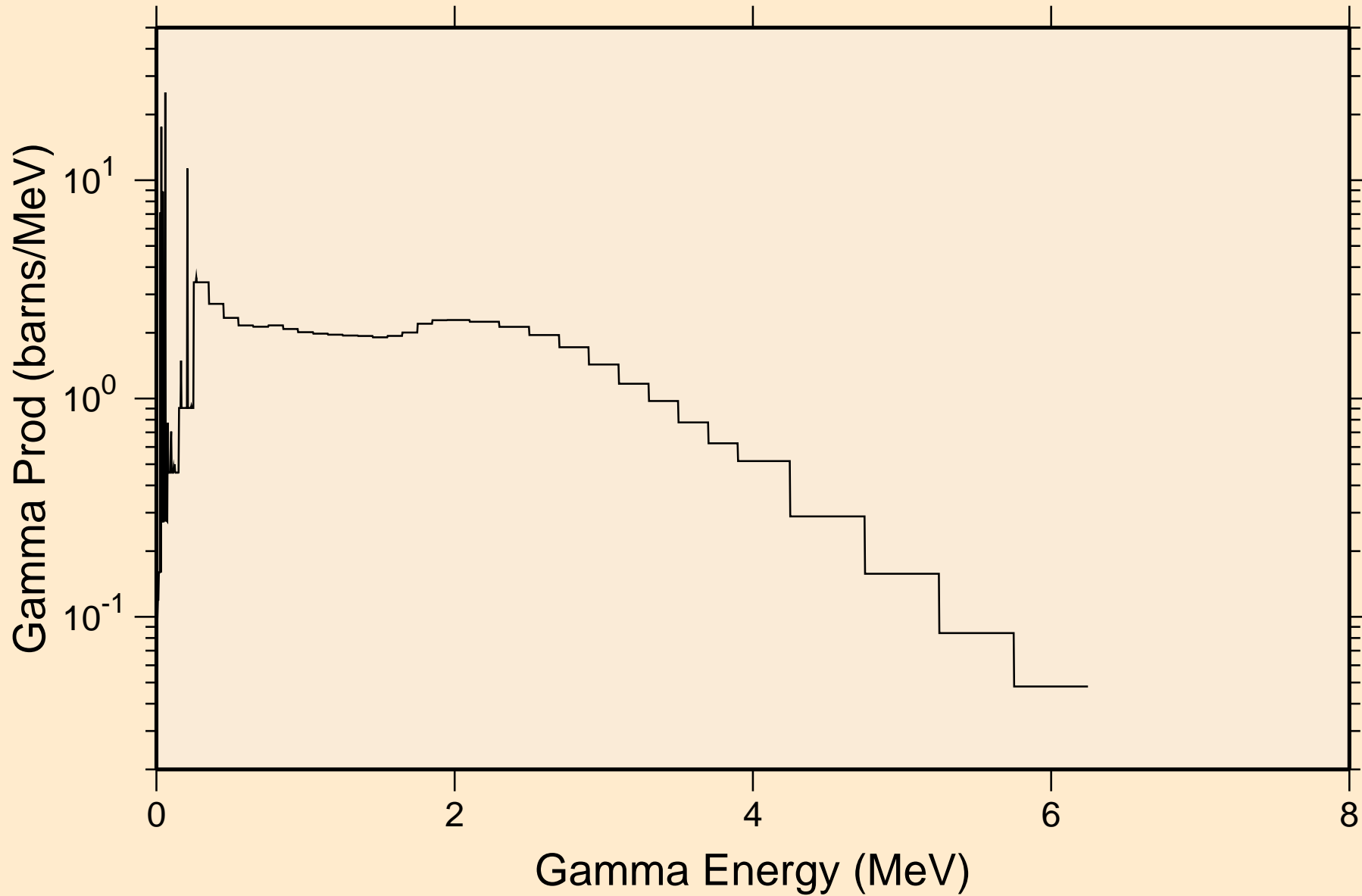




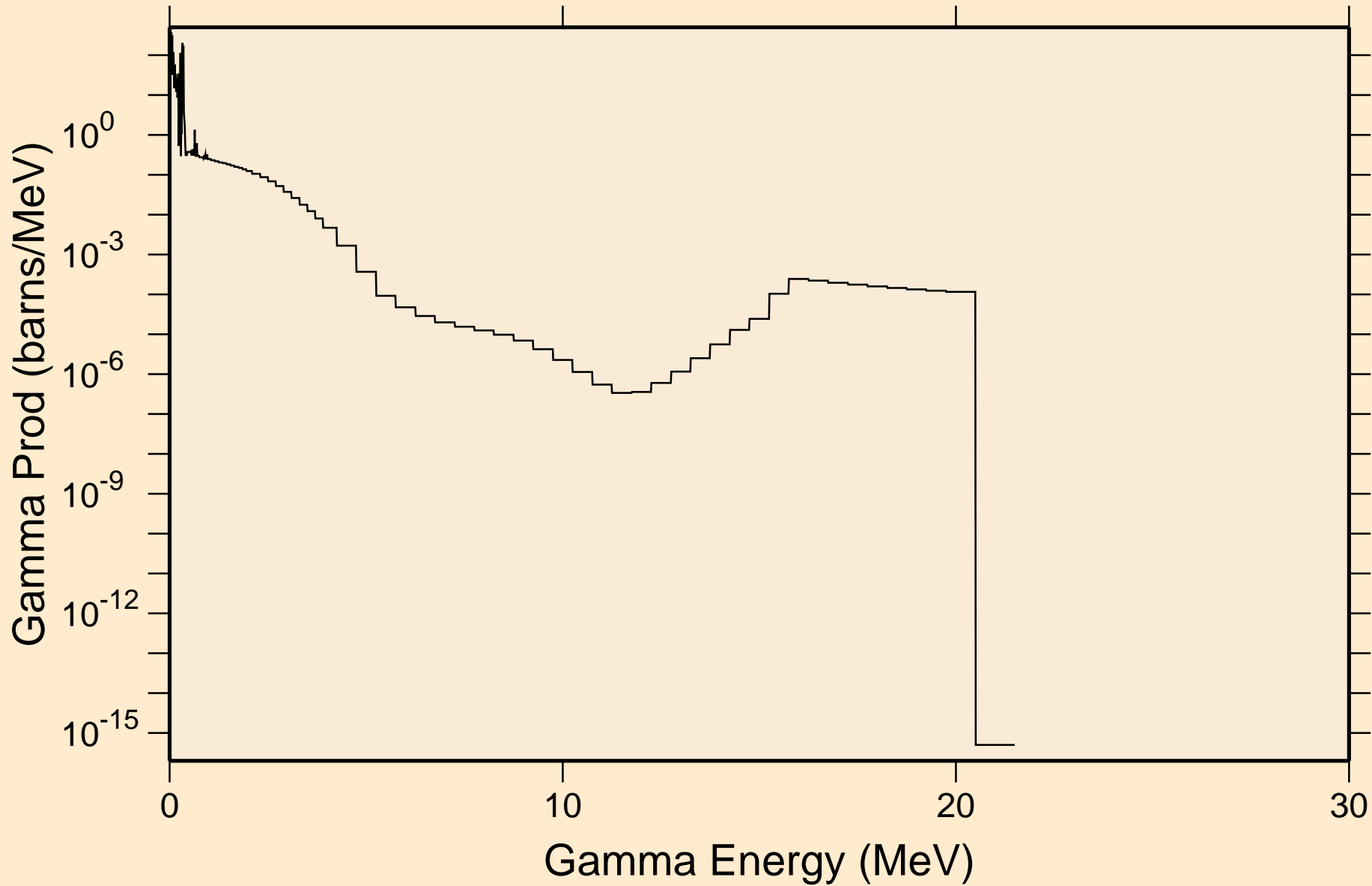
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

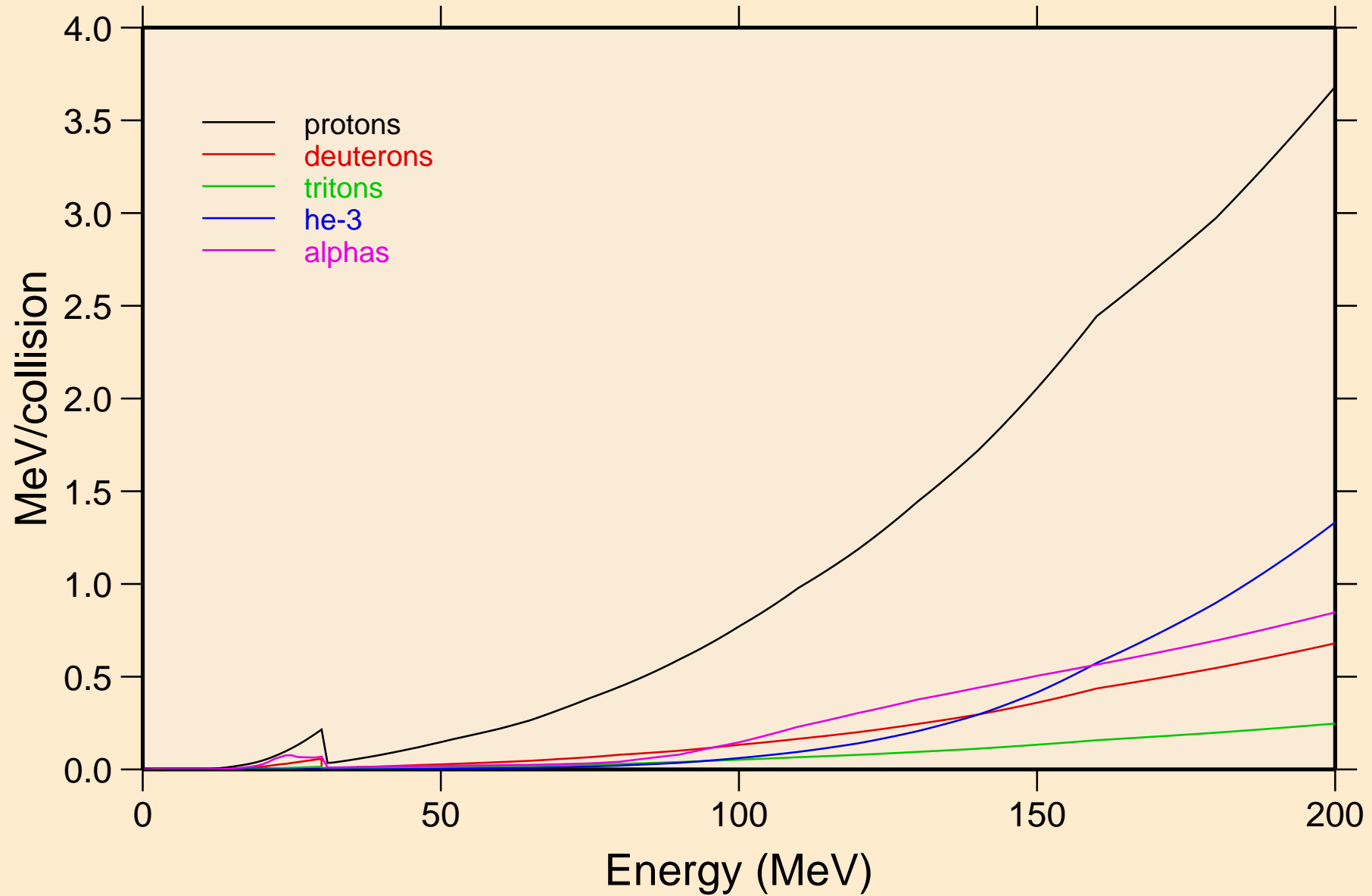


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14 MeV photon spectrum

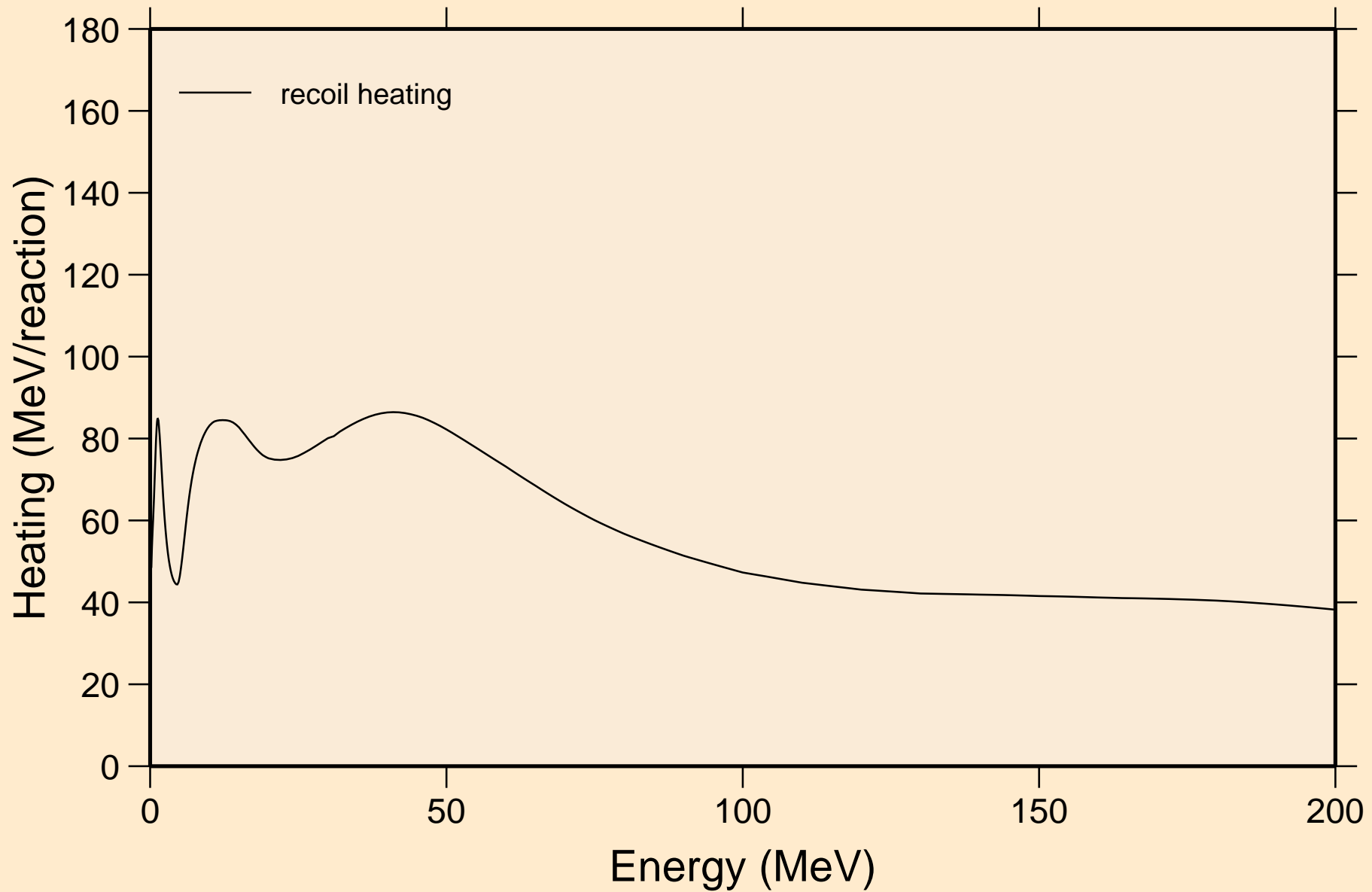


# NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

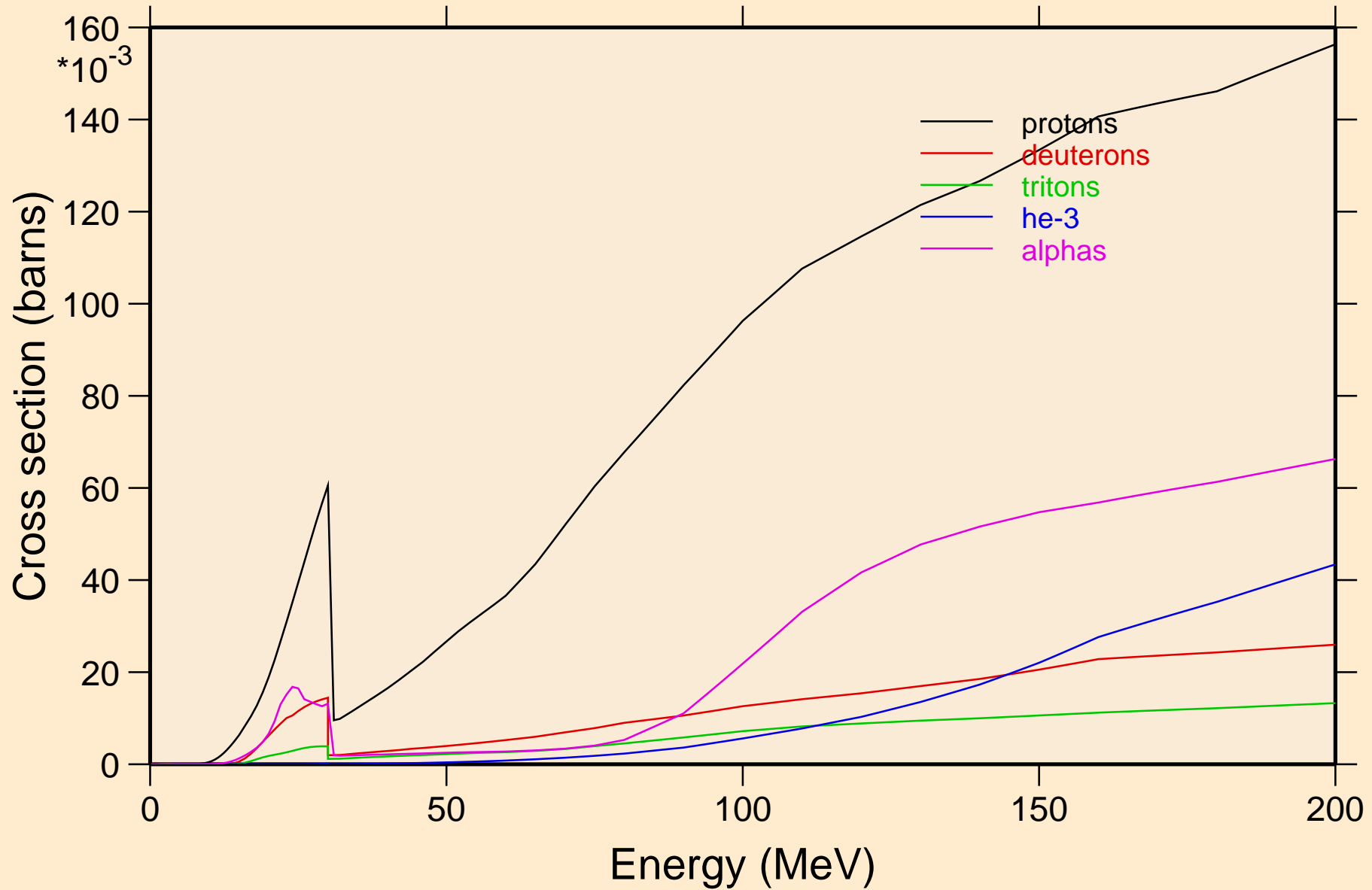


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

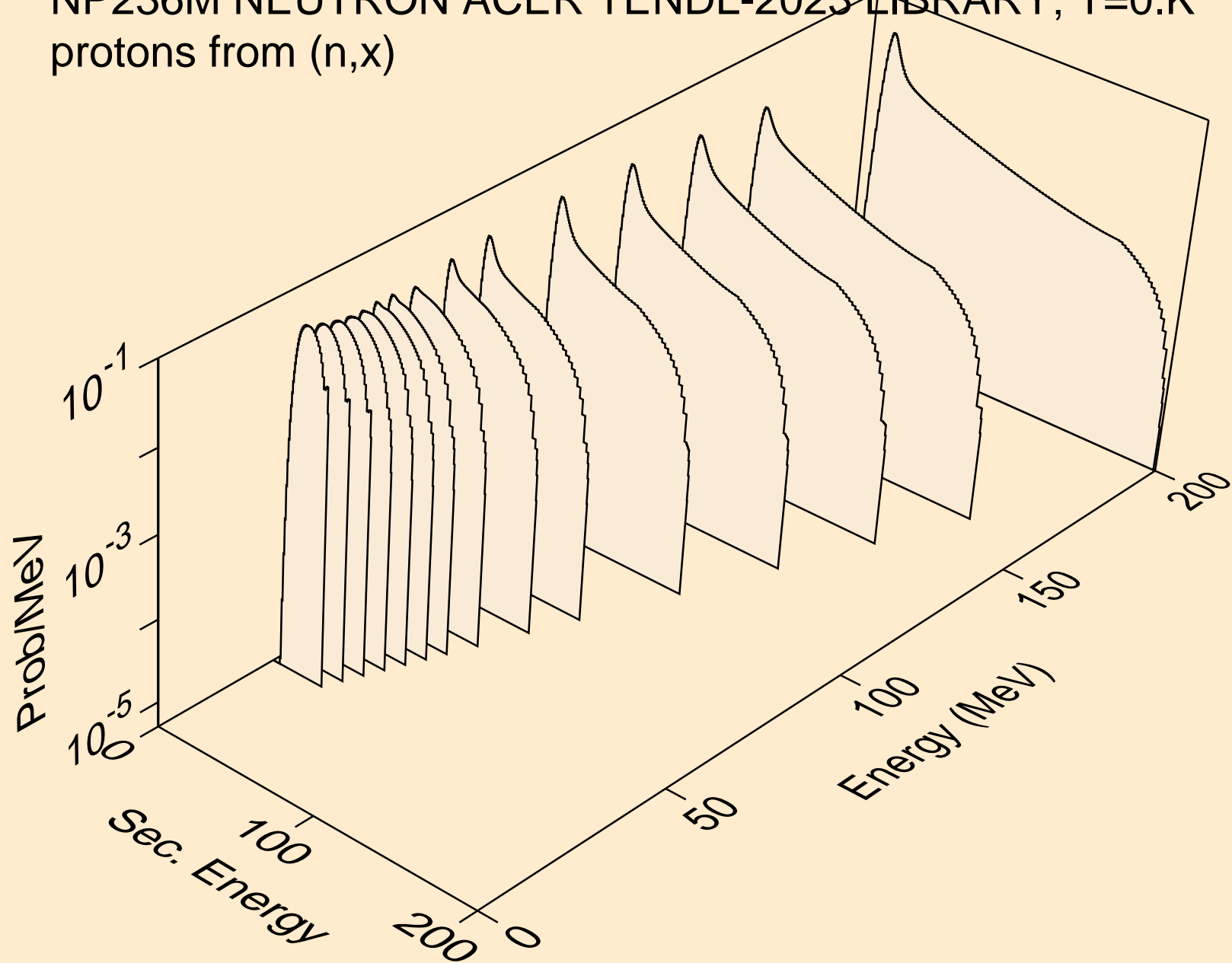


# NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

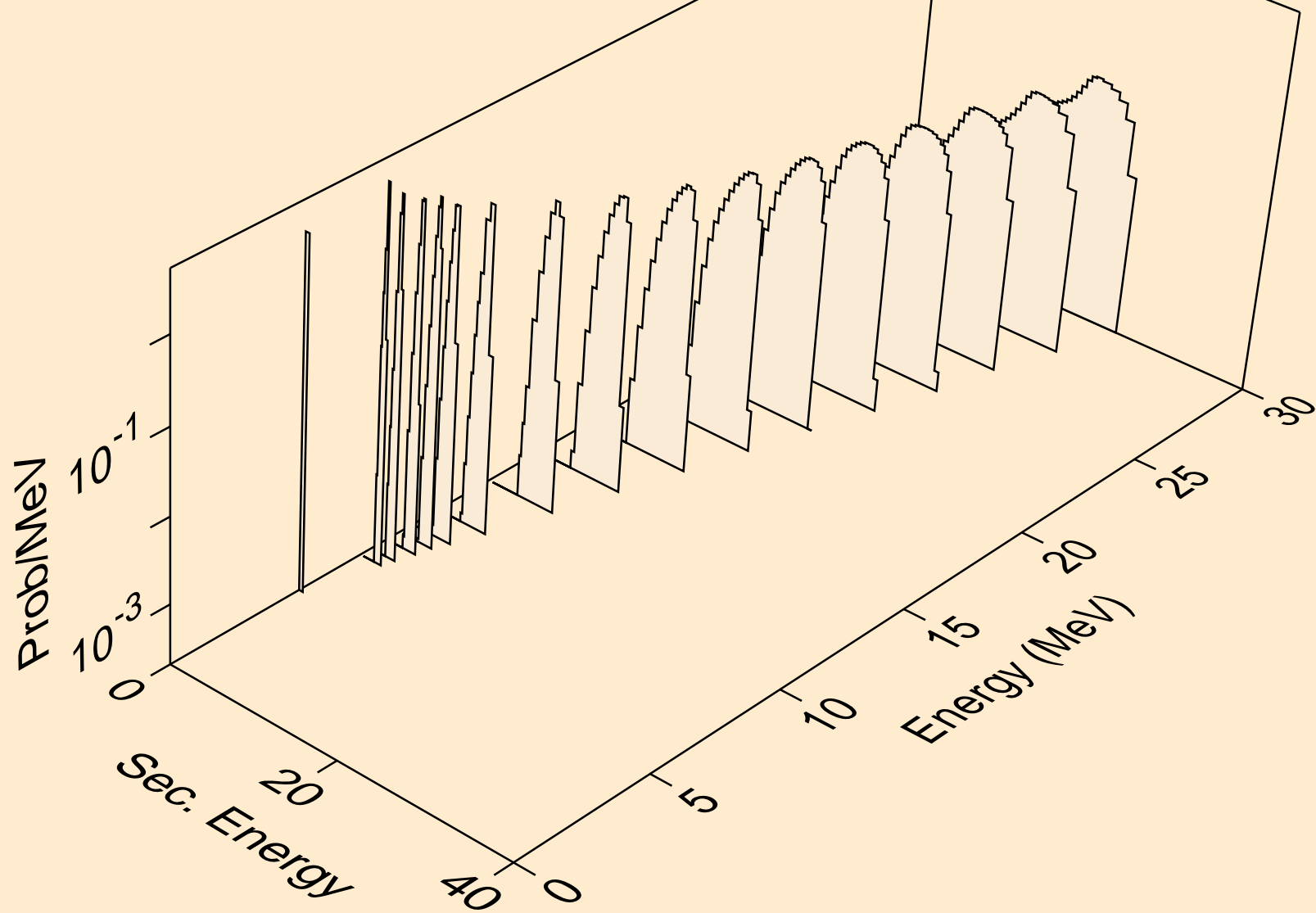
## Particle production cross sections



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

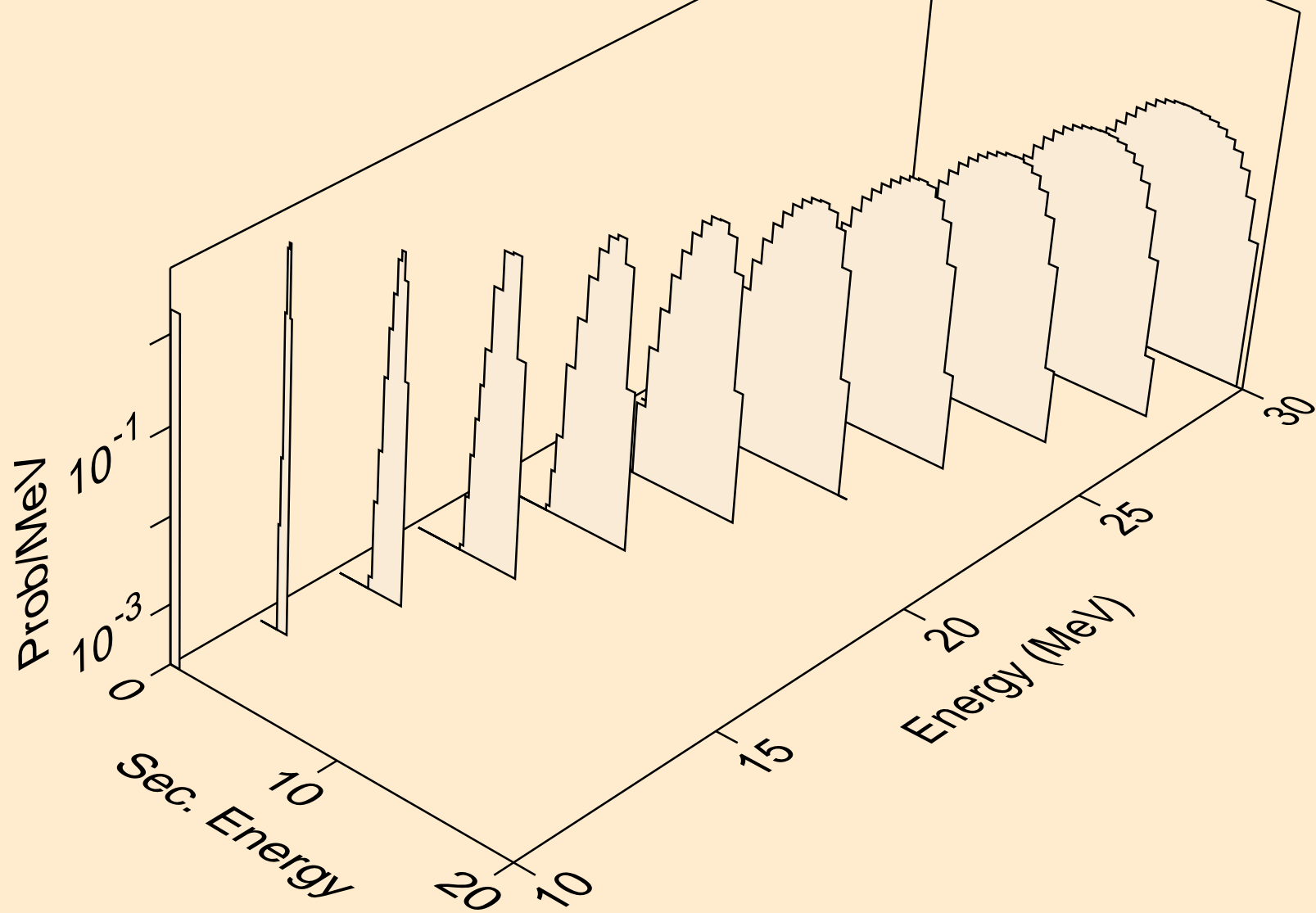


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

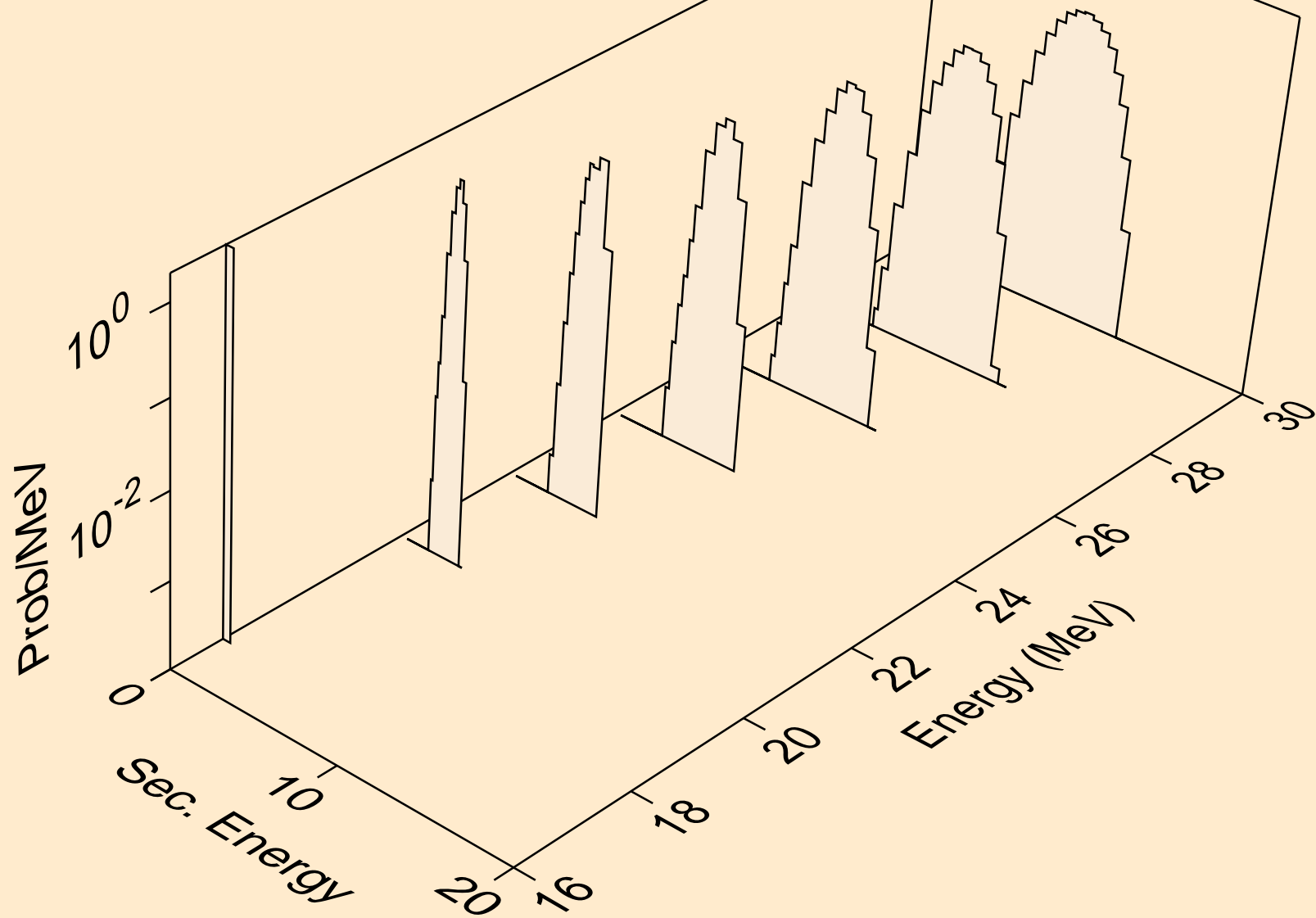




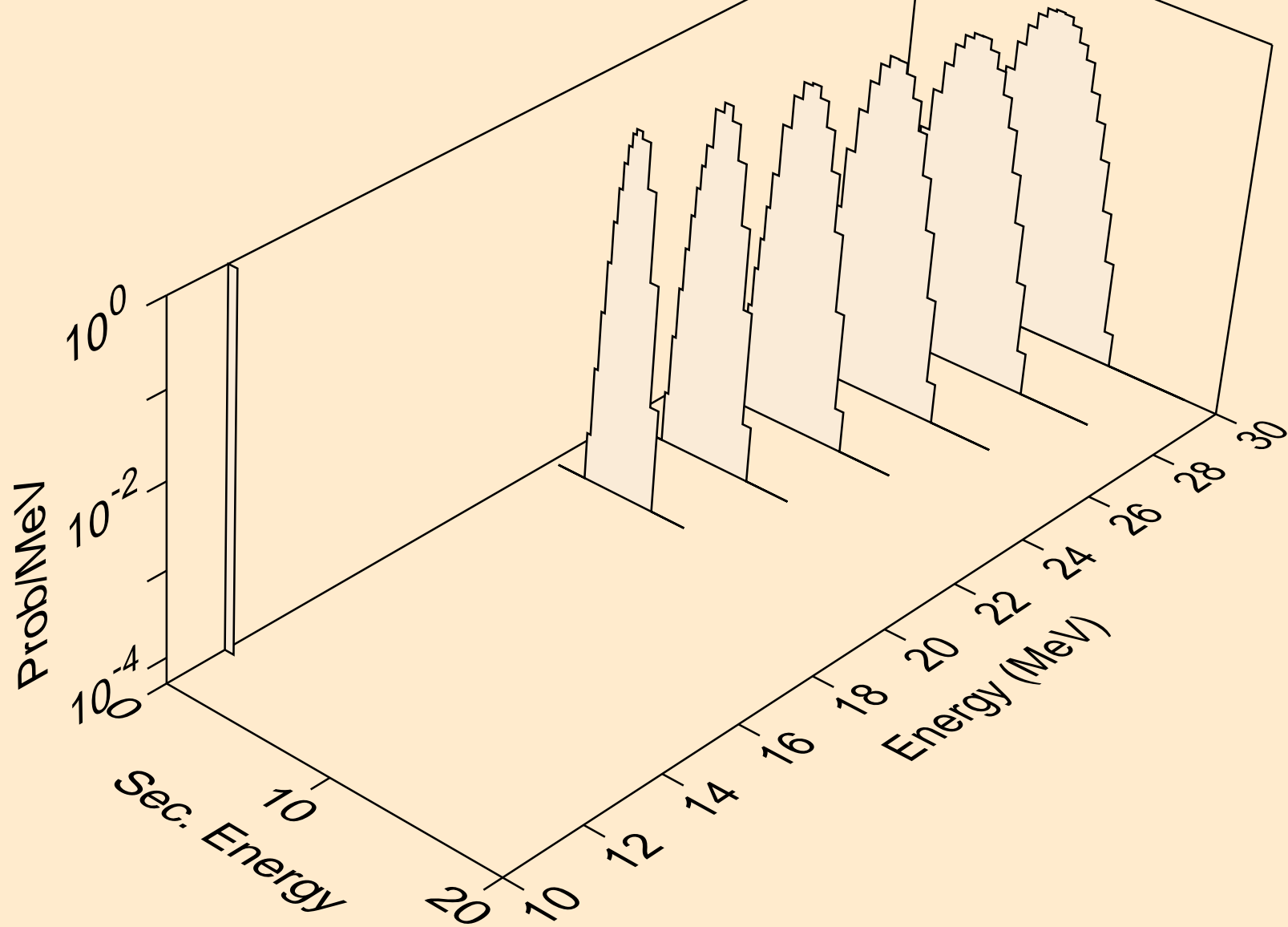
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protons from (n,2np)



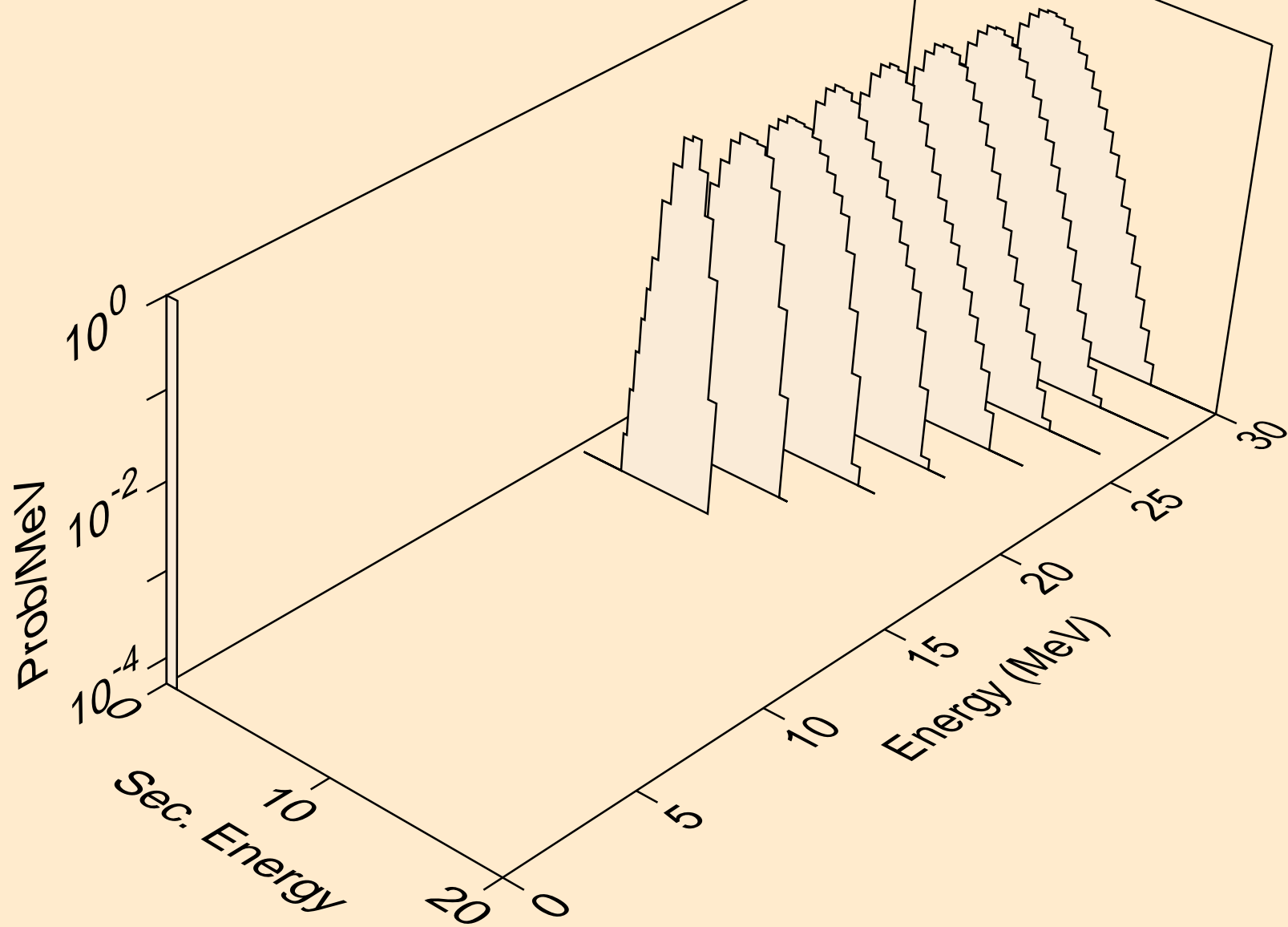
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protons from (n,3np)



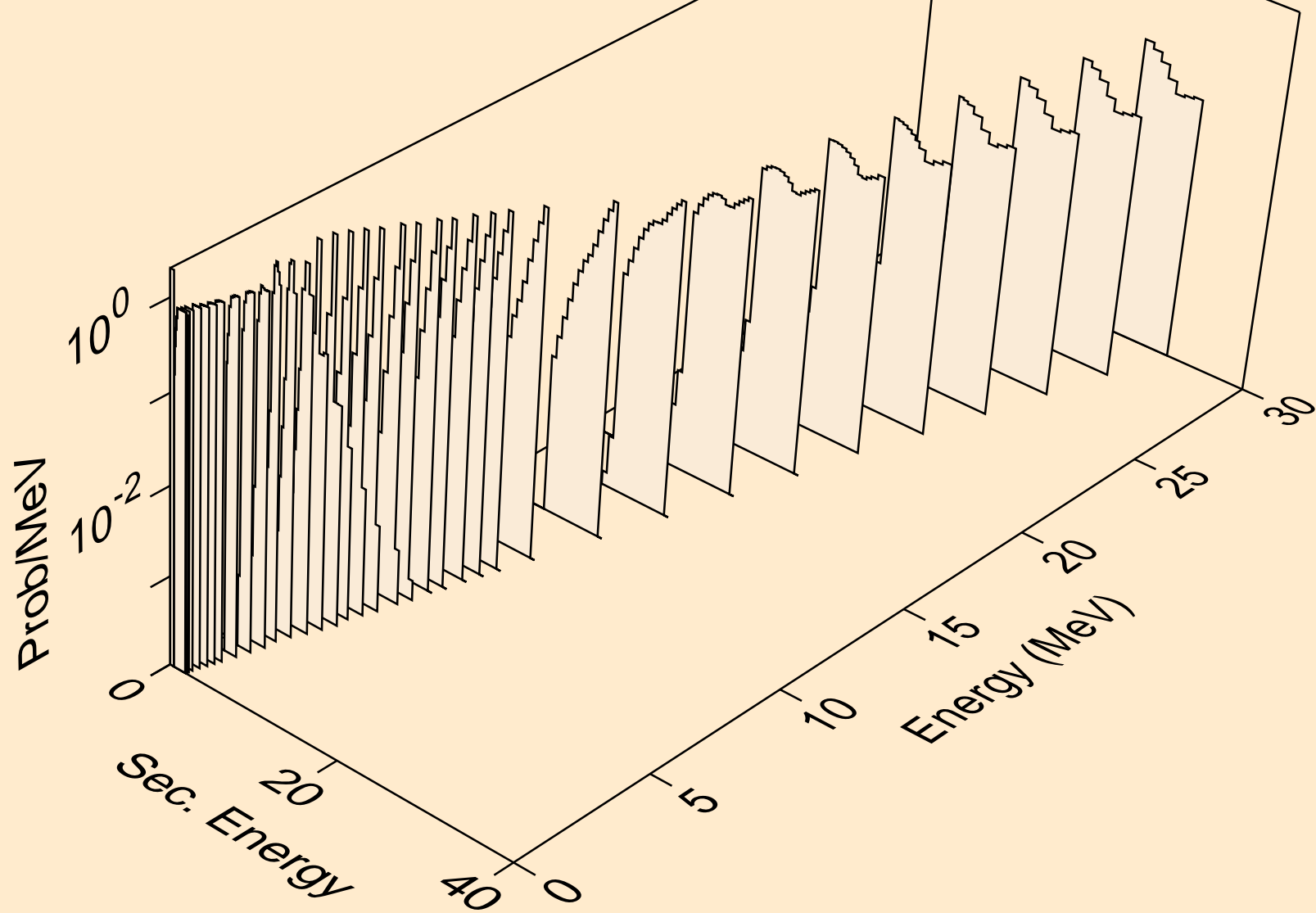
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protons from (n,n2p)



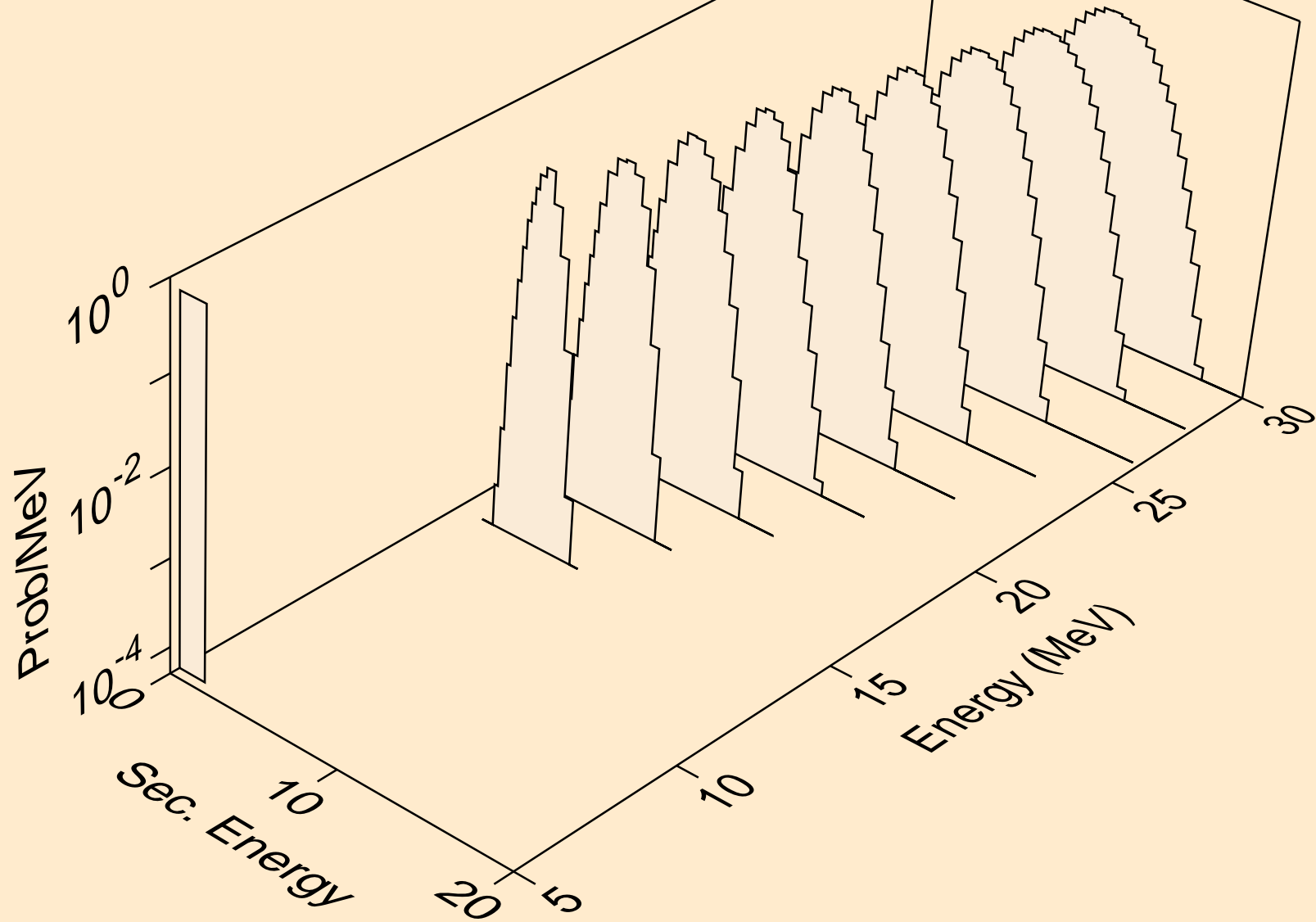
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protons from (n,npa)



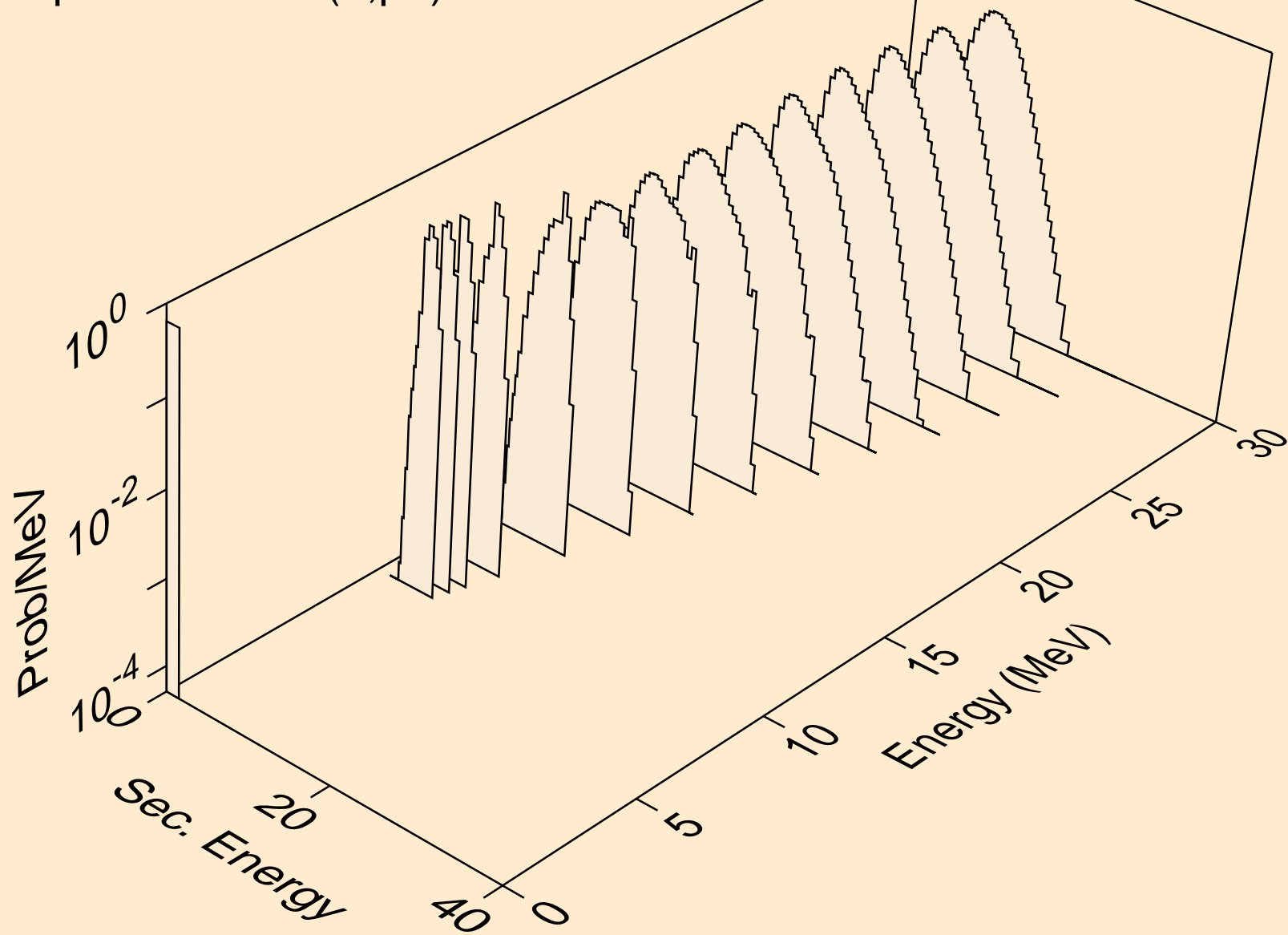
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protons from (n,p)



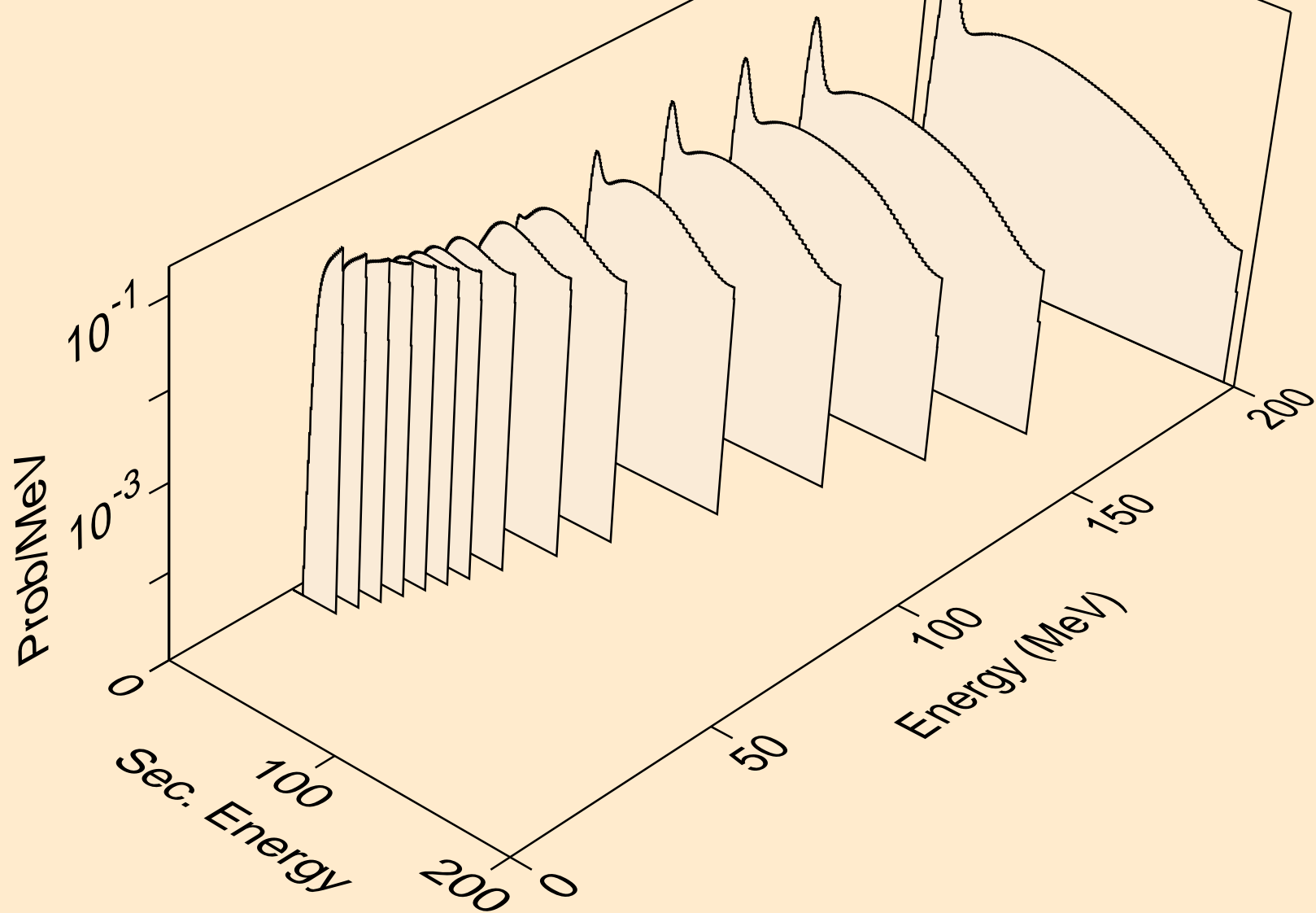
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protons from (n,2p)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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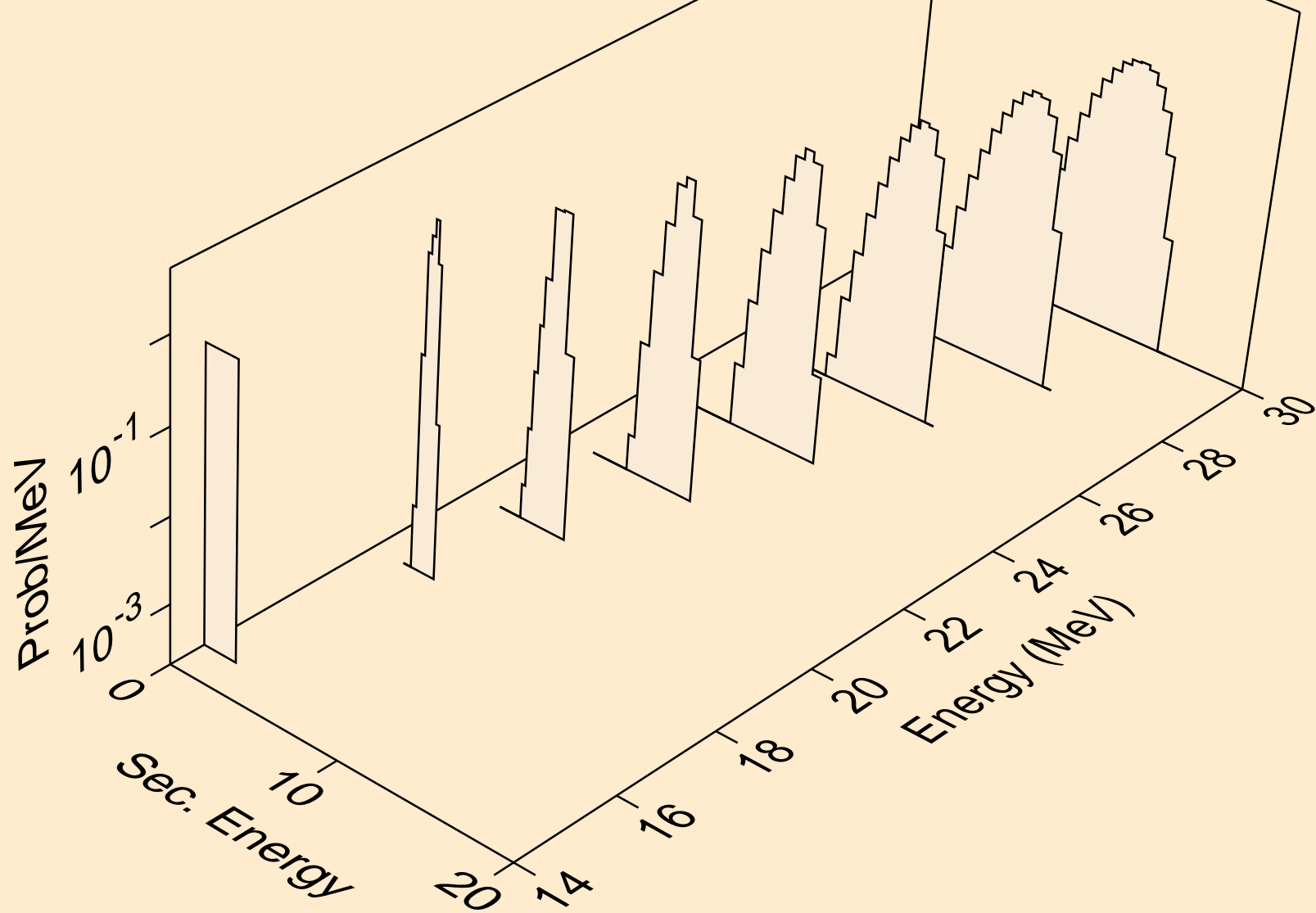


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

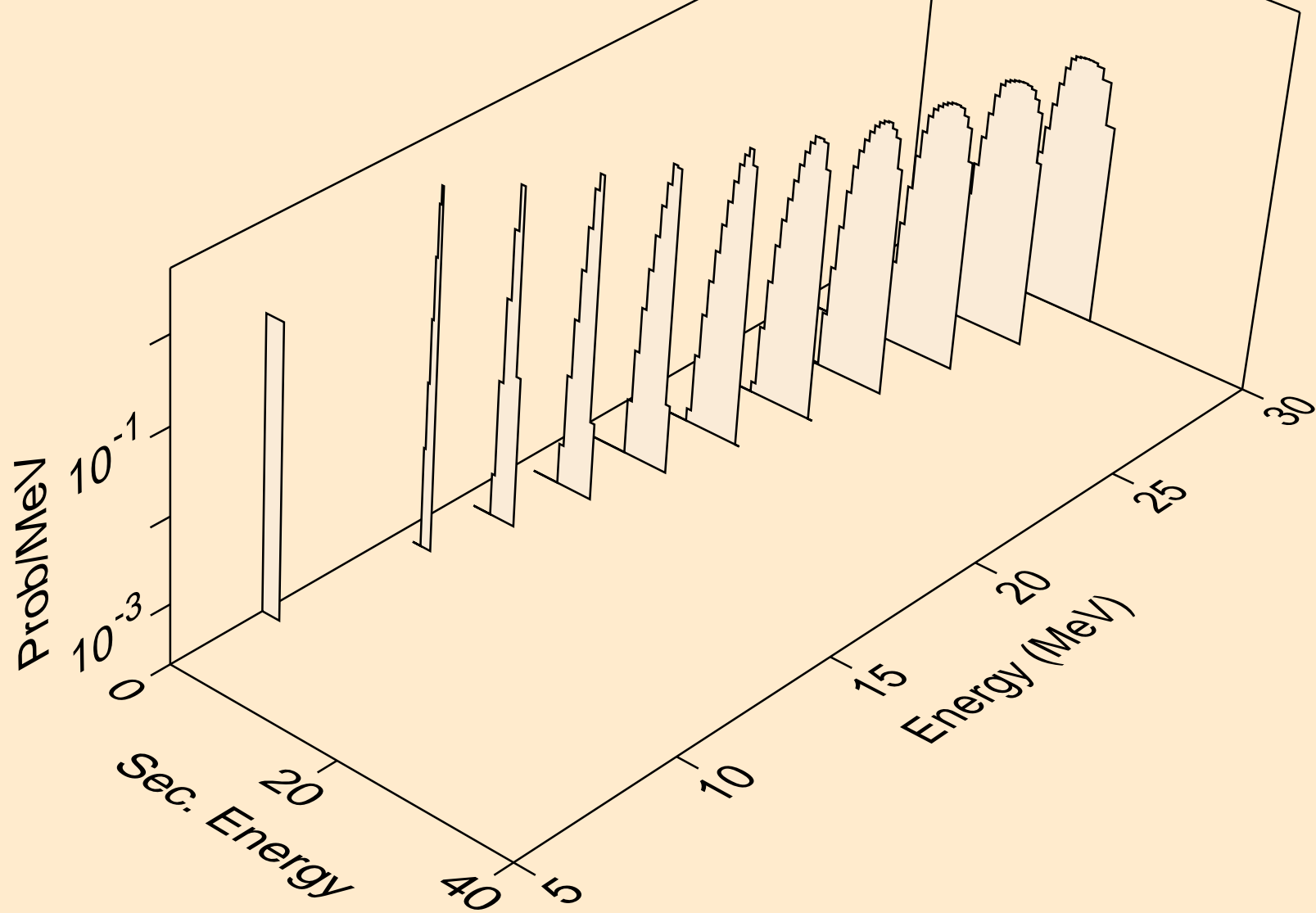




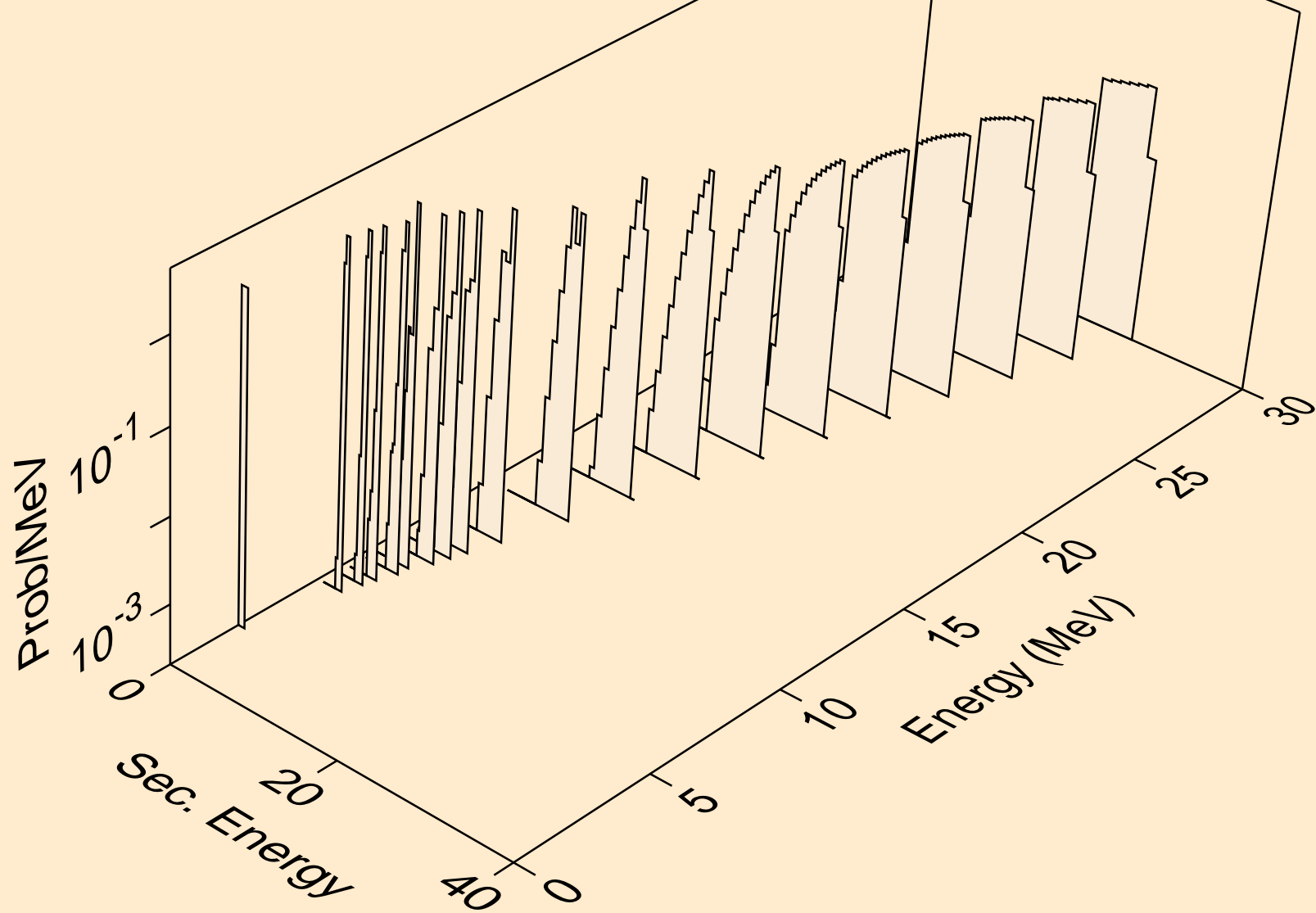
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deuterons from (n,2nd)



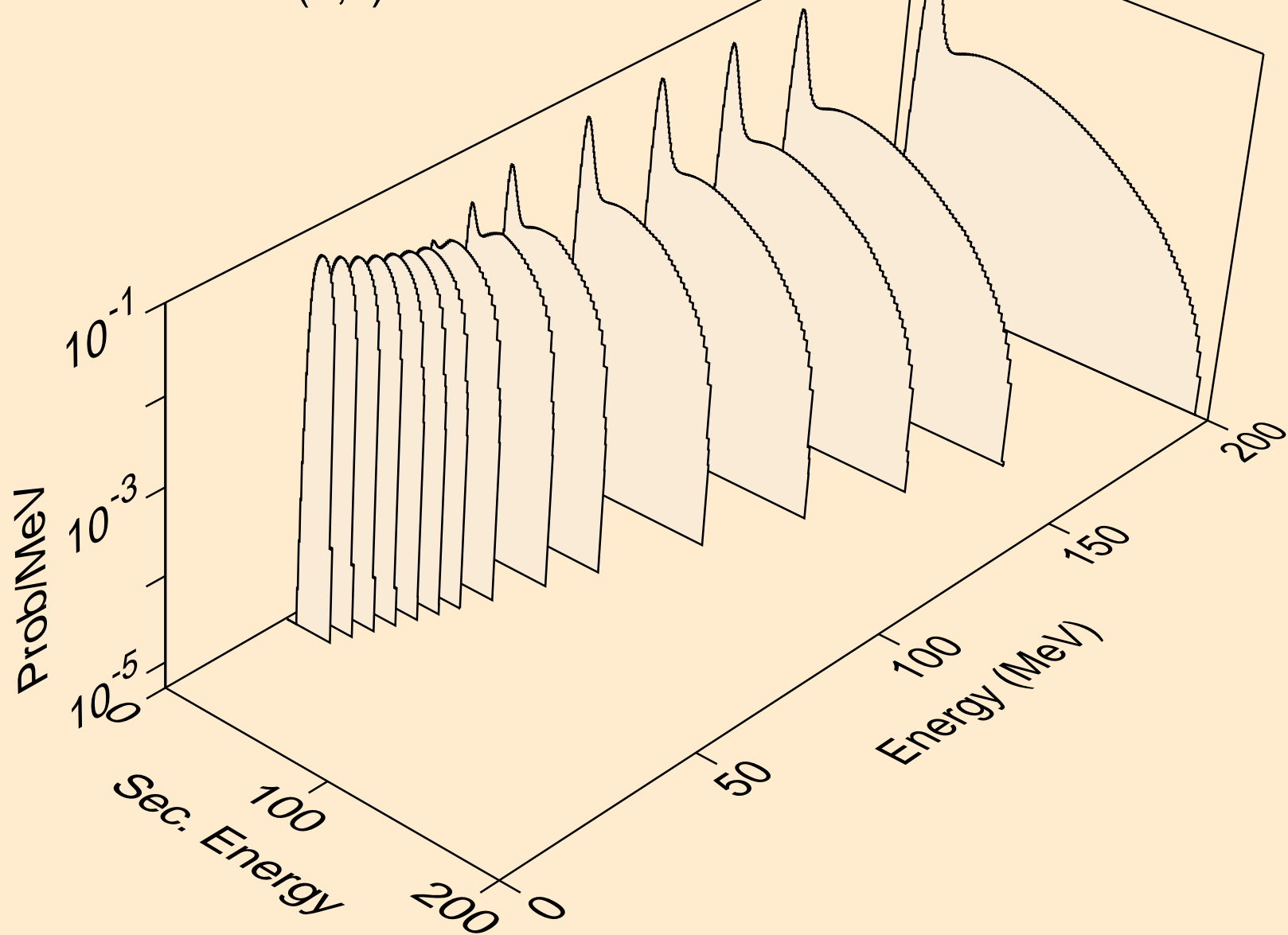
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deuterons from (n,n\*)d



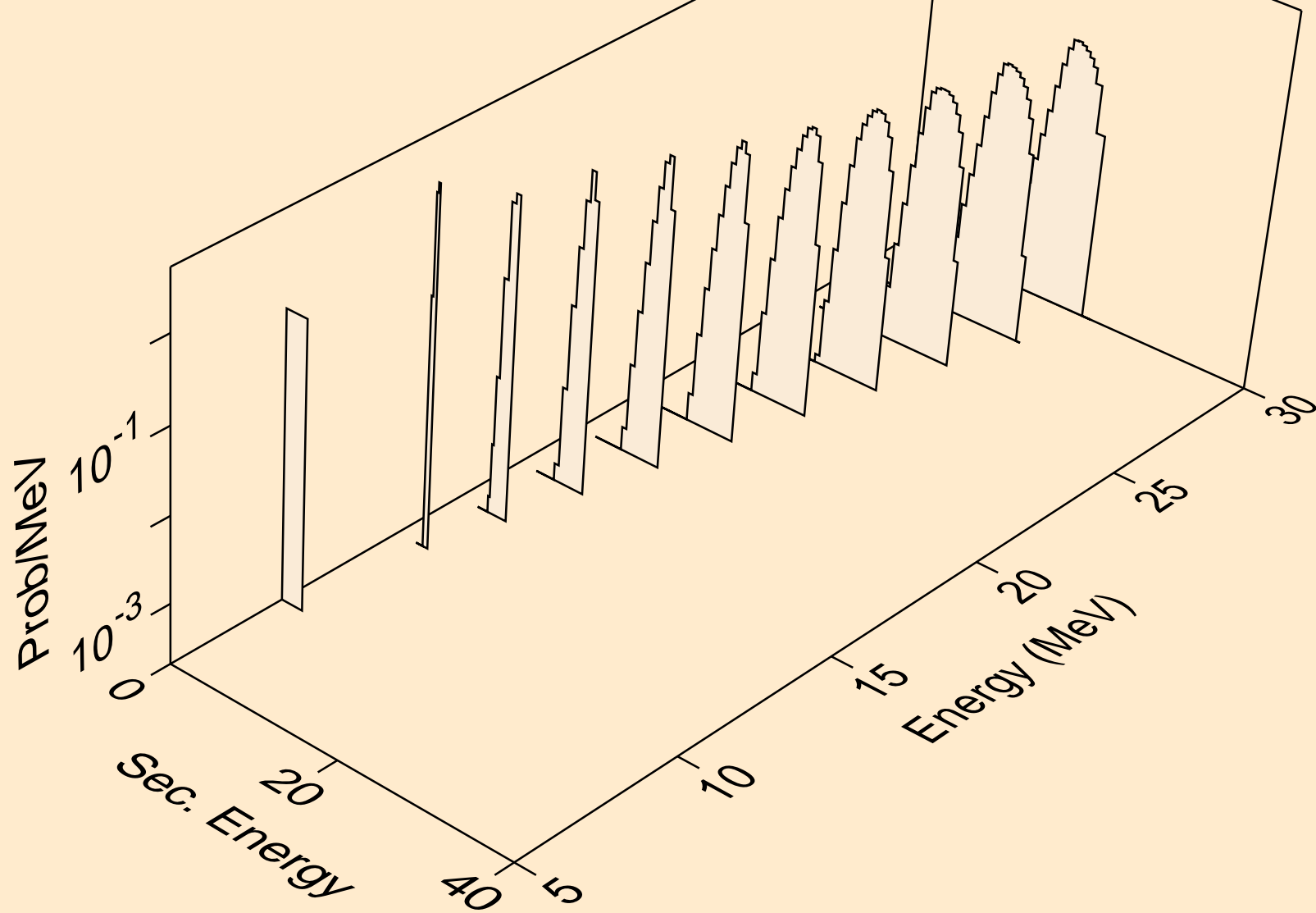
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deuterons from (n,d)



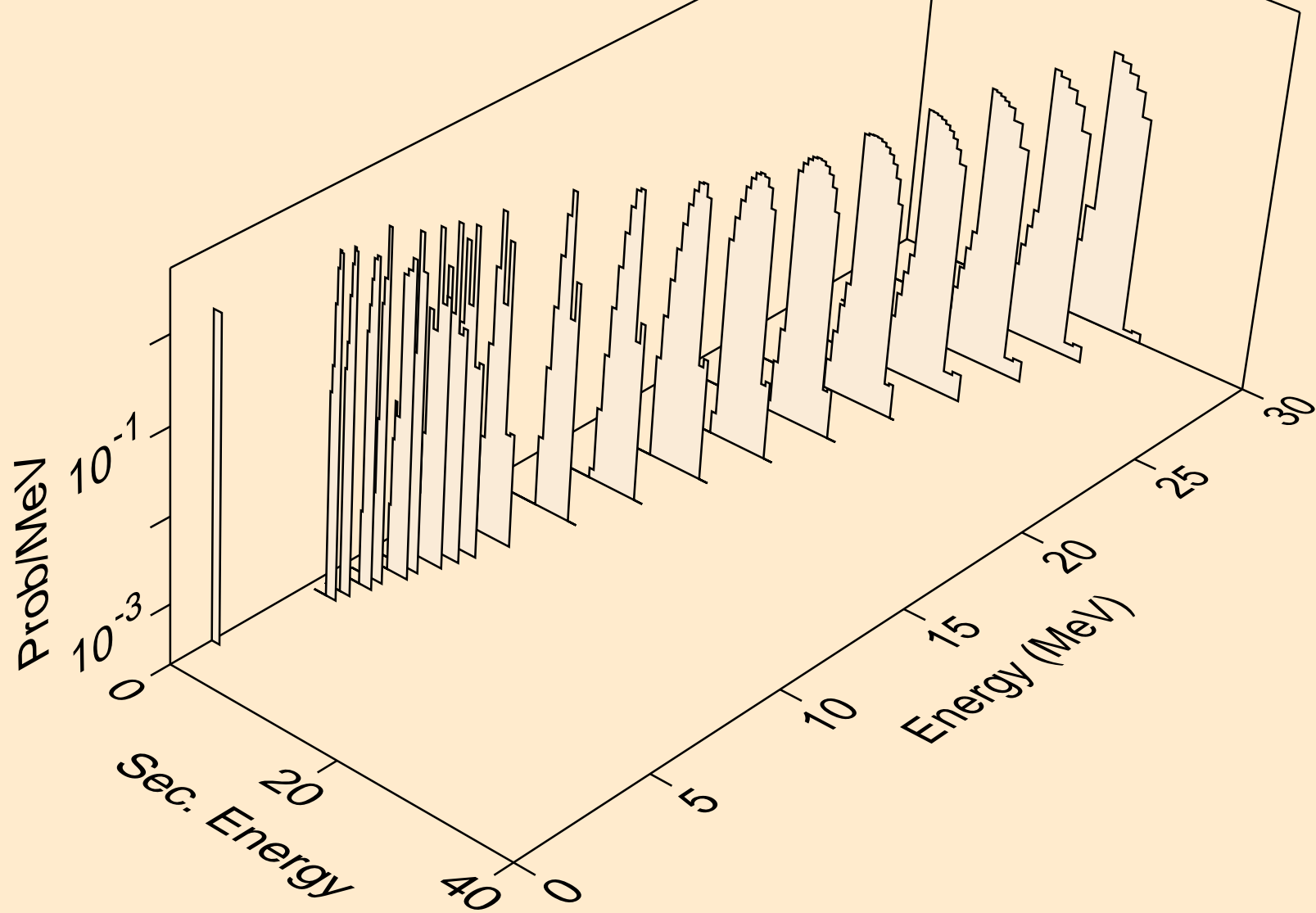
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tritons from (n,x)



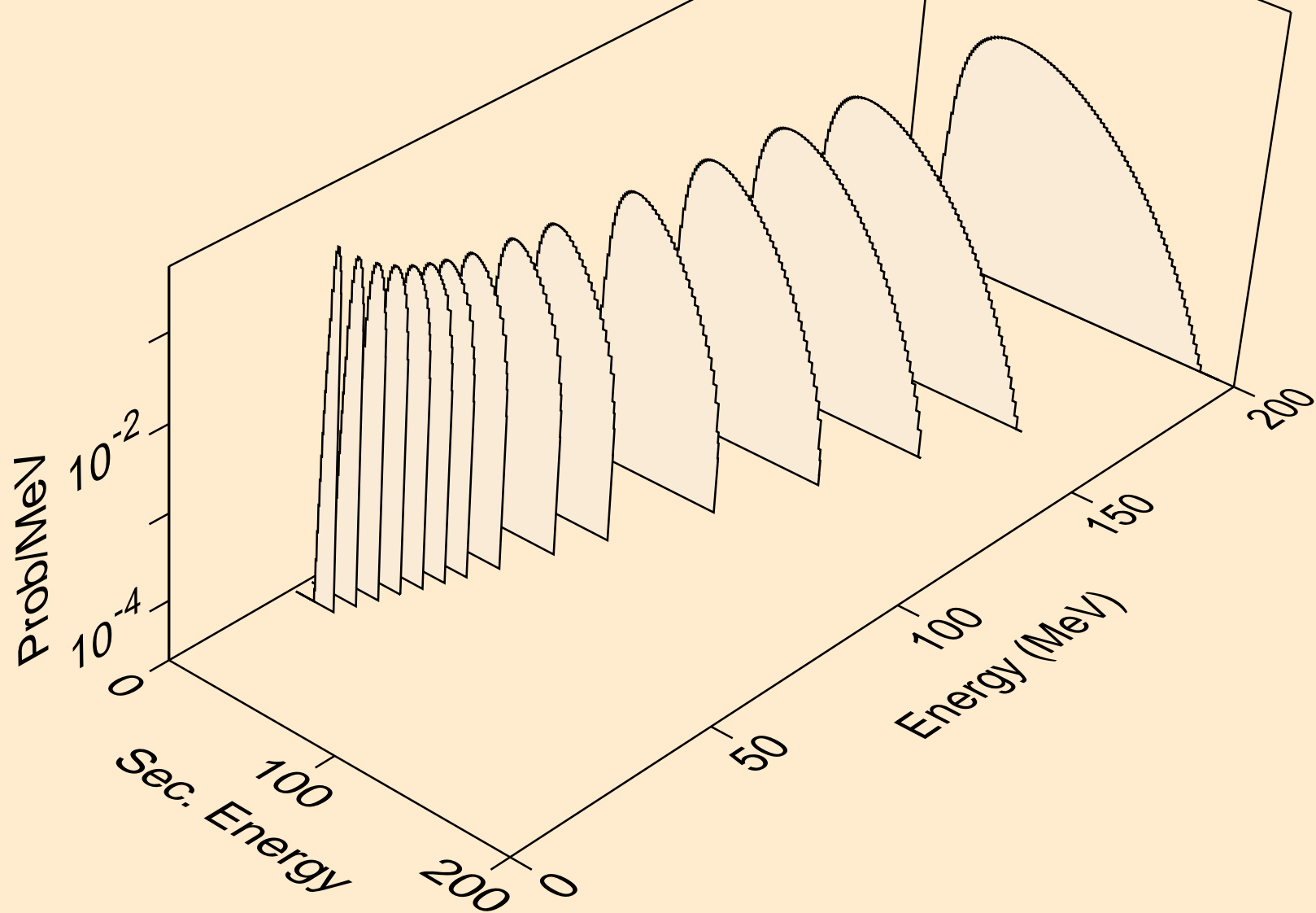
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tritons from (n,n\*)t



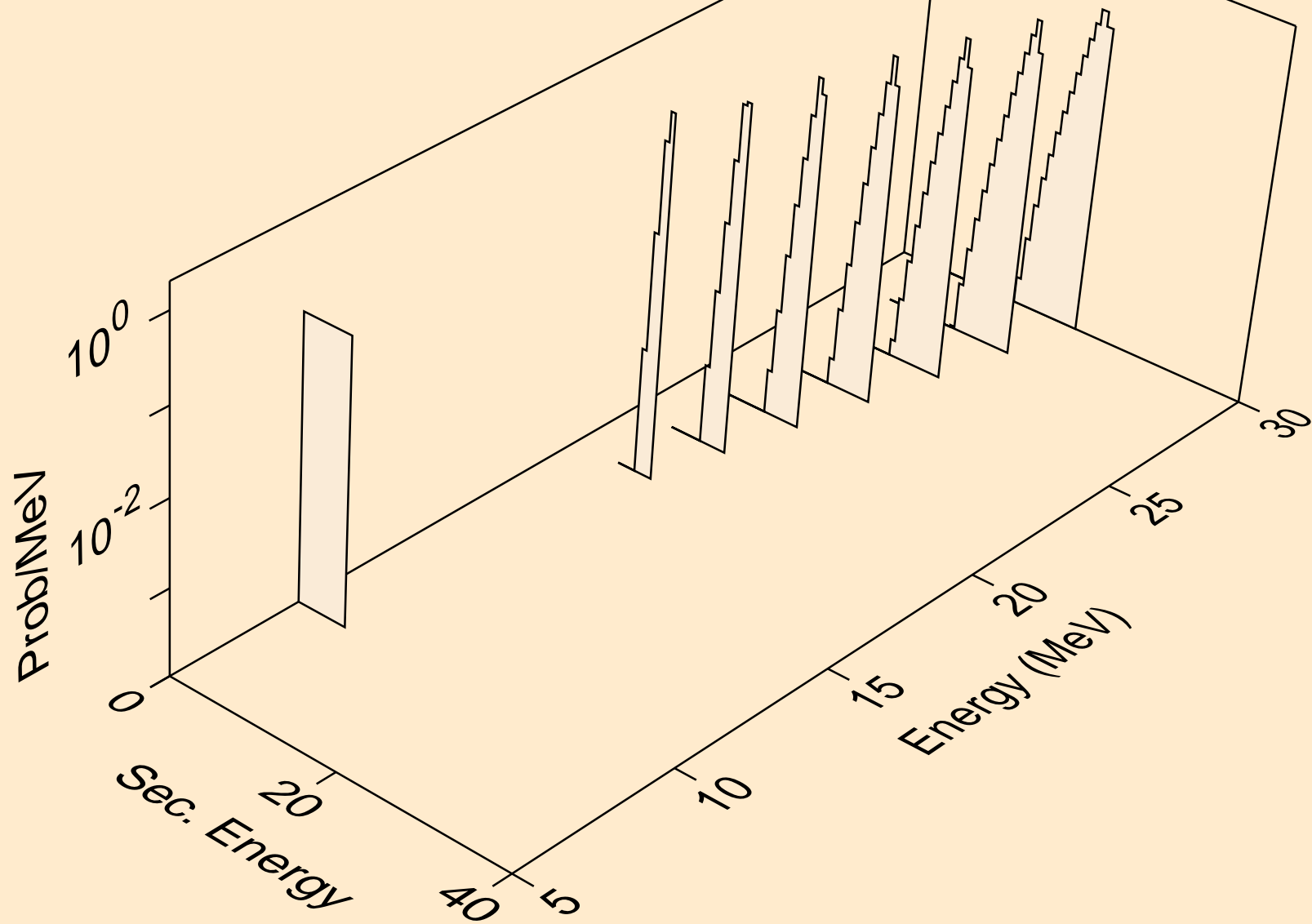
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tritons from (n,t)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

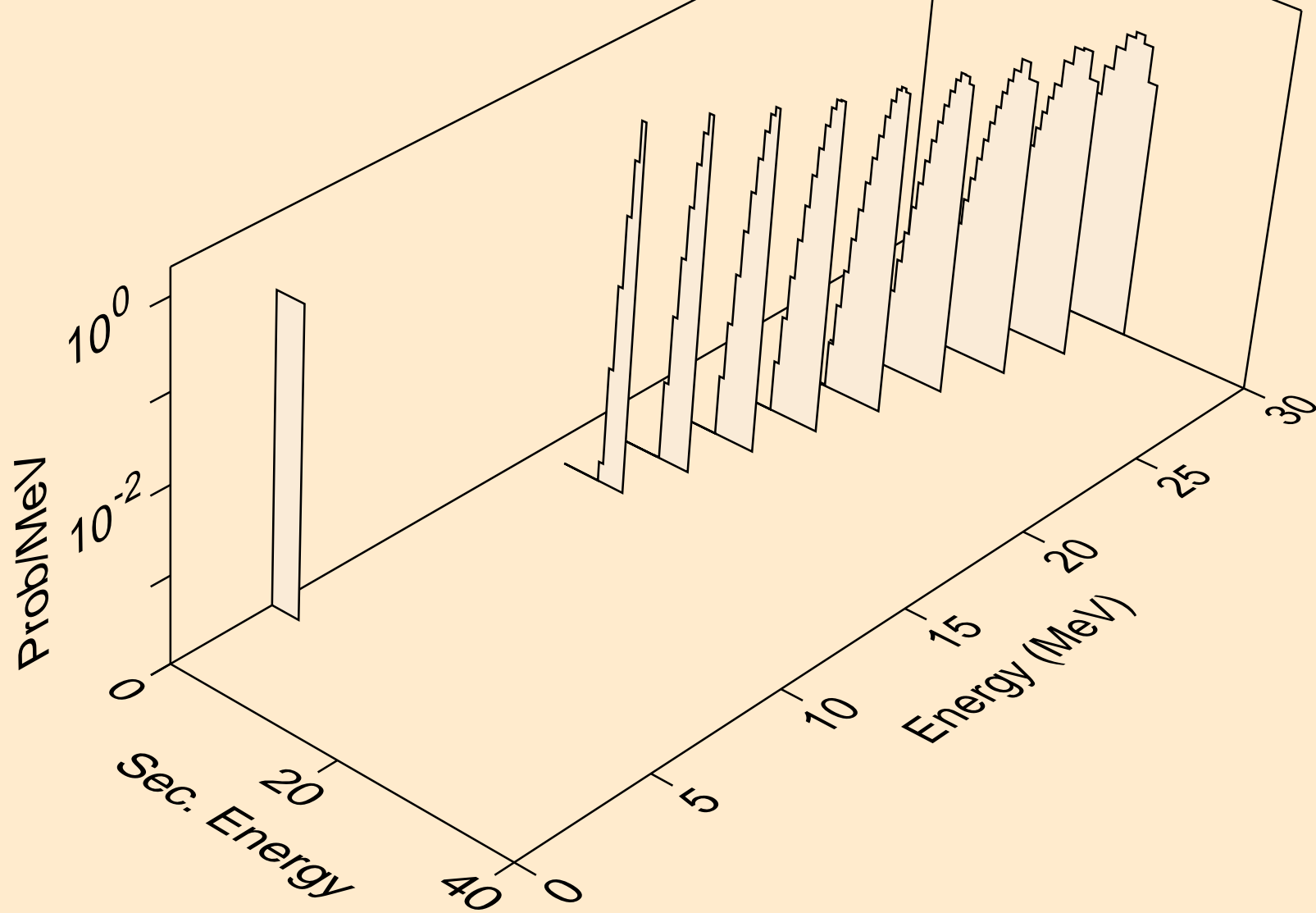


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

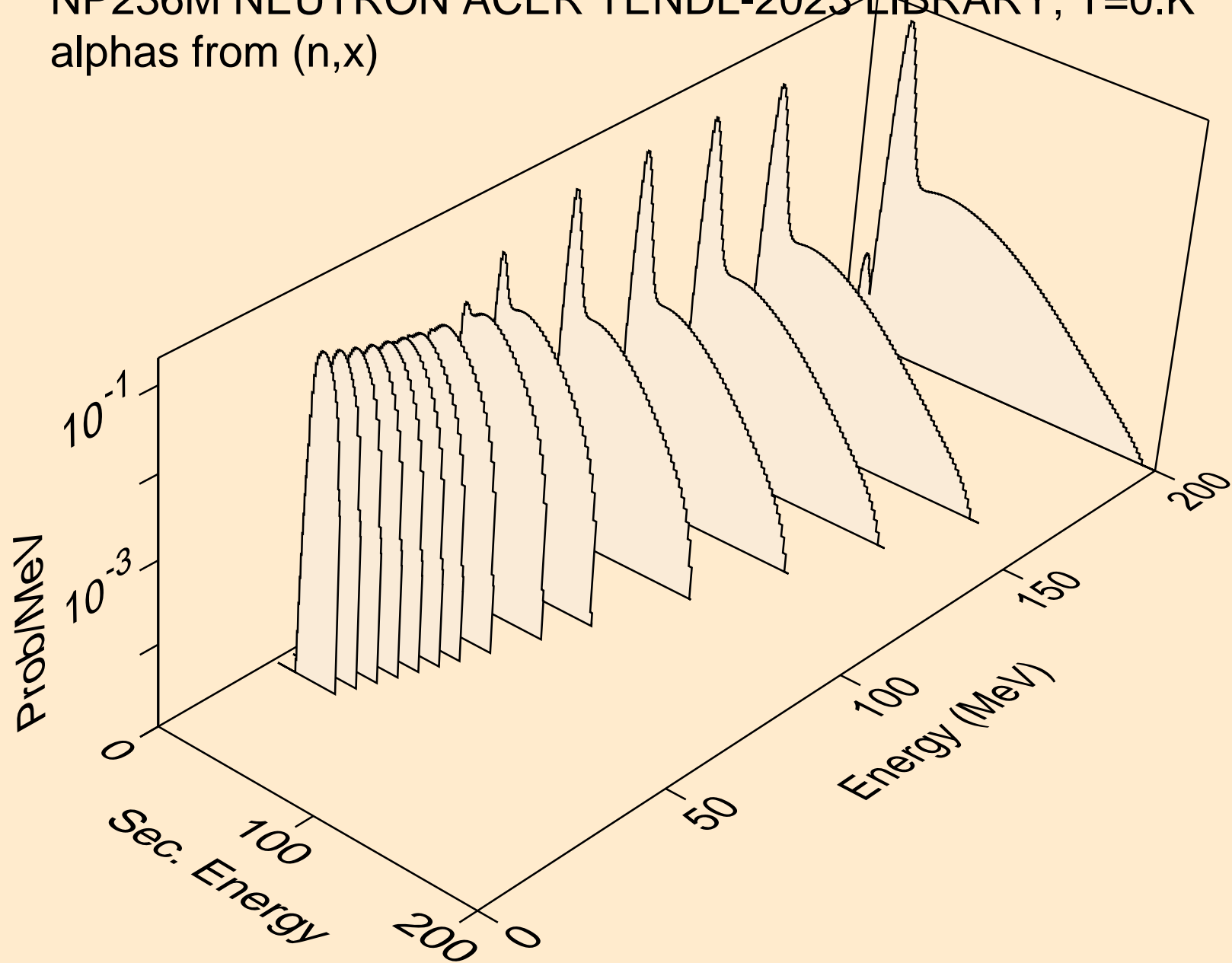




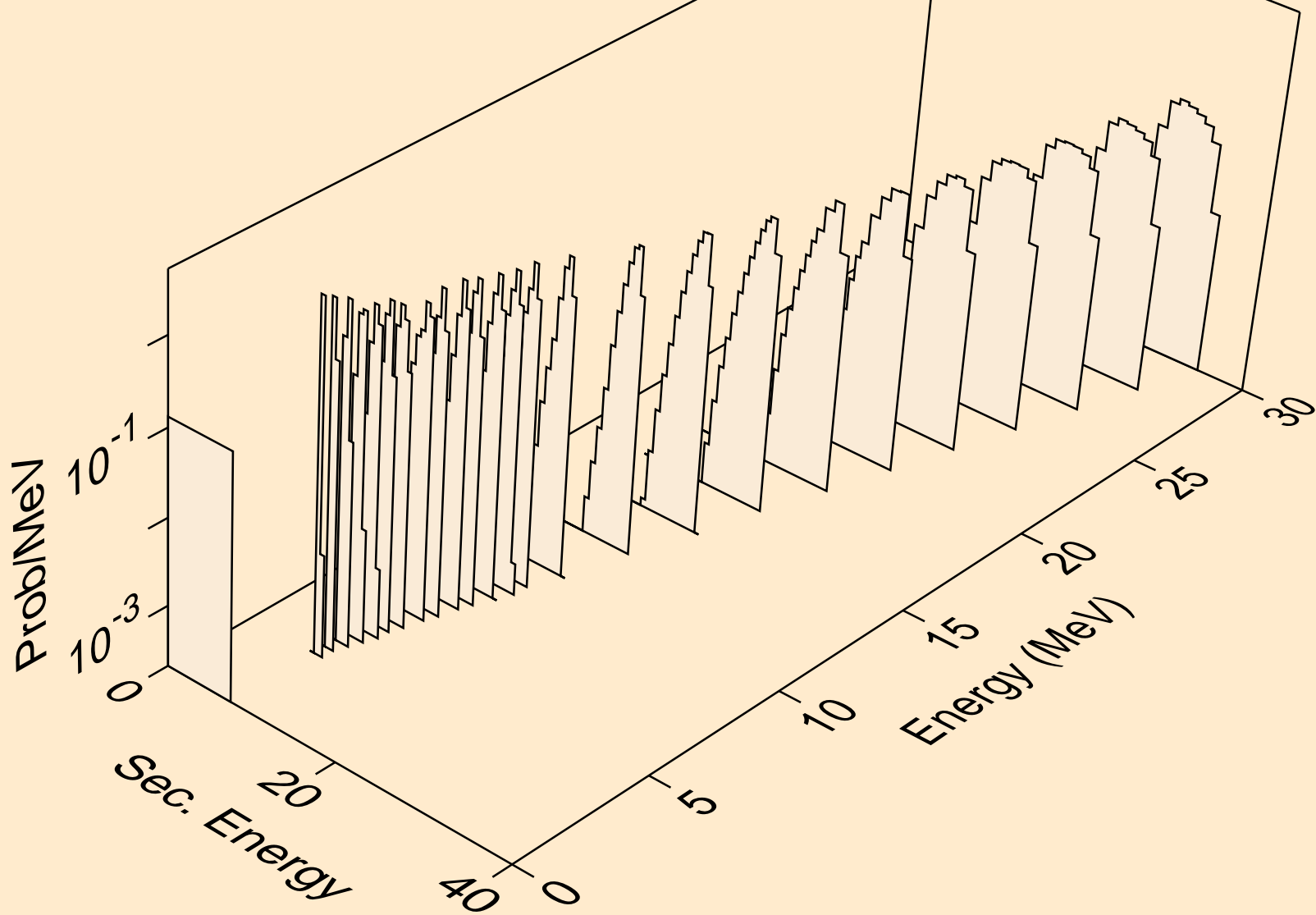
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



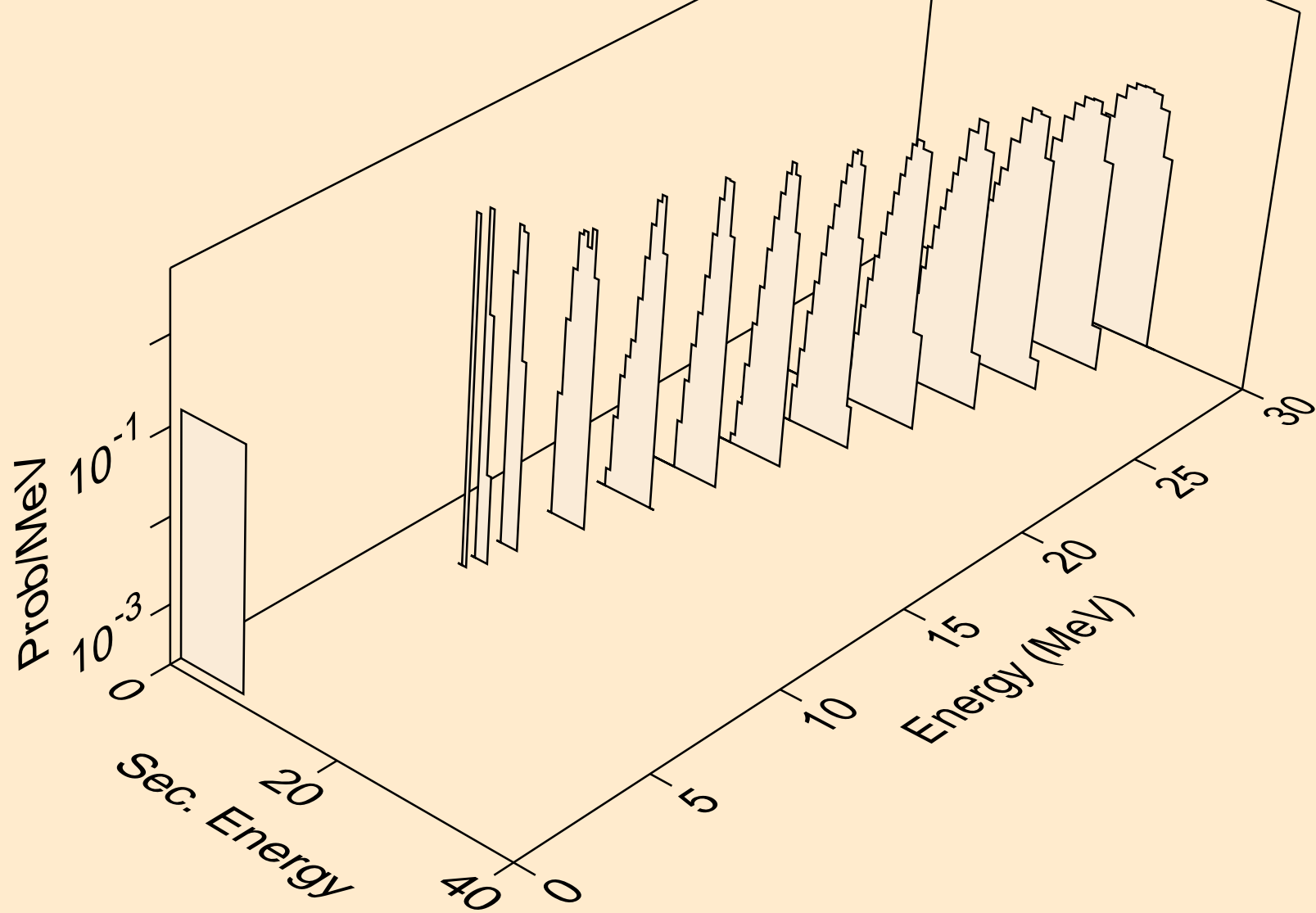
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



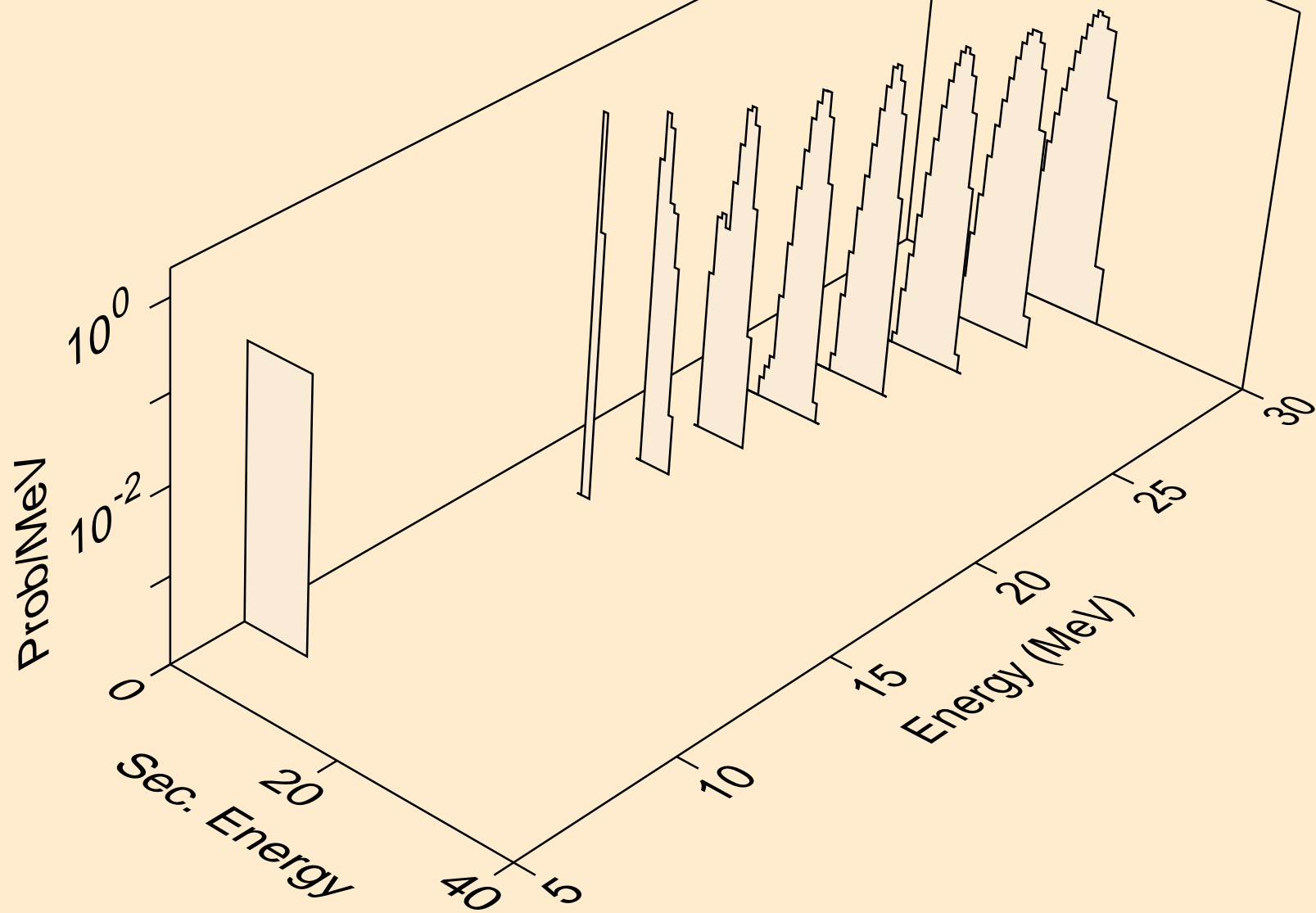
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



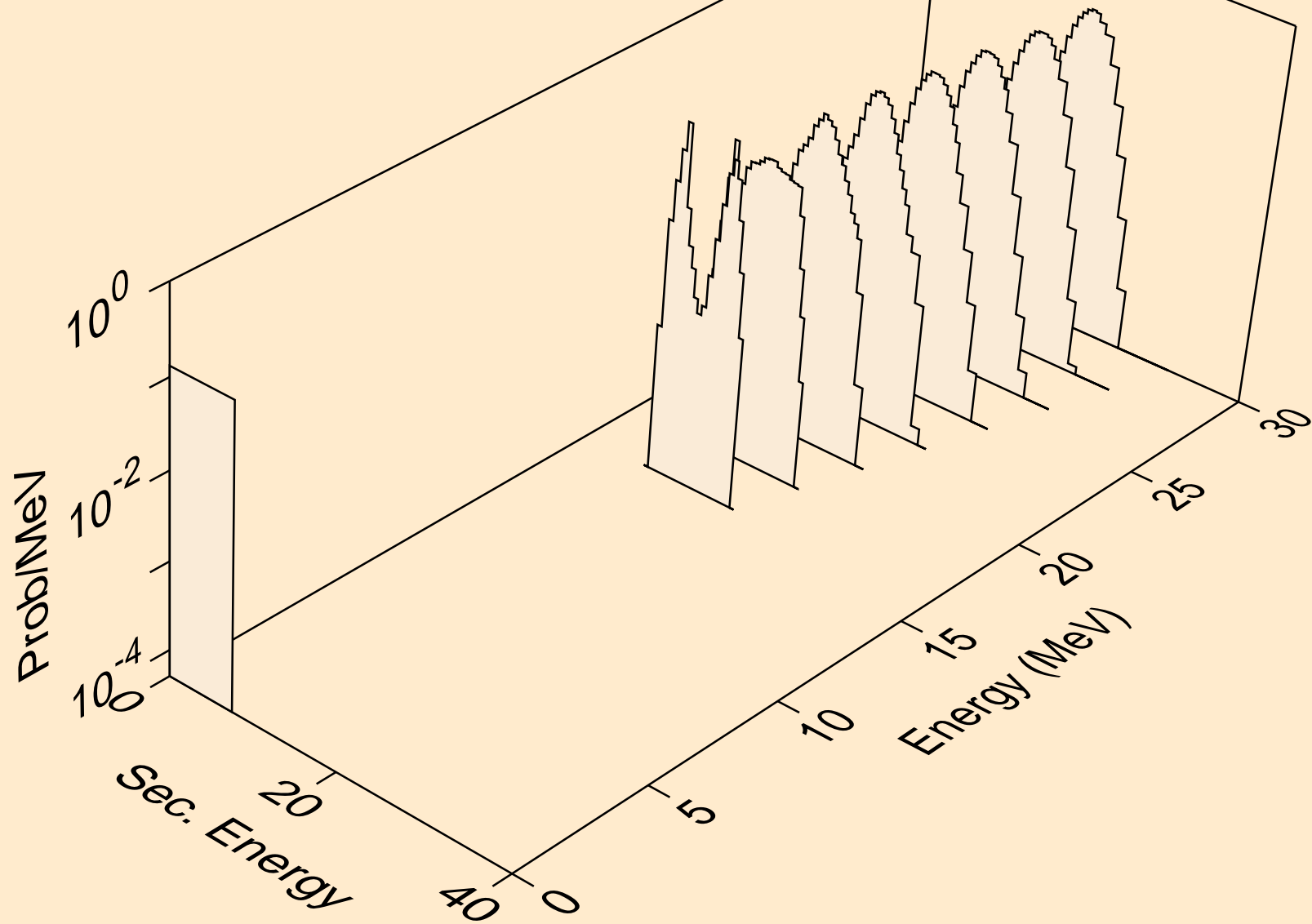
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



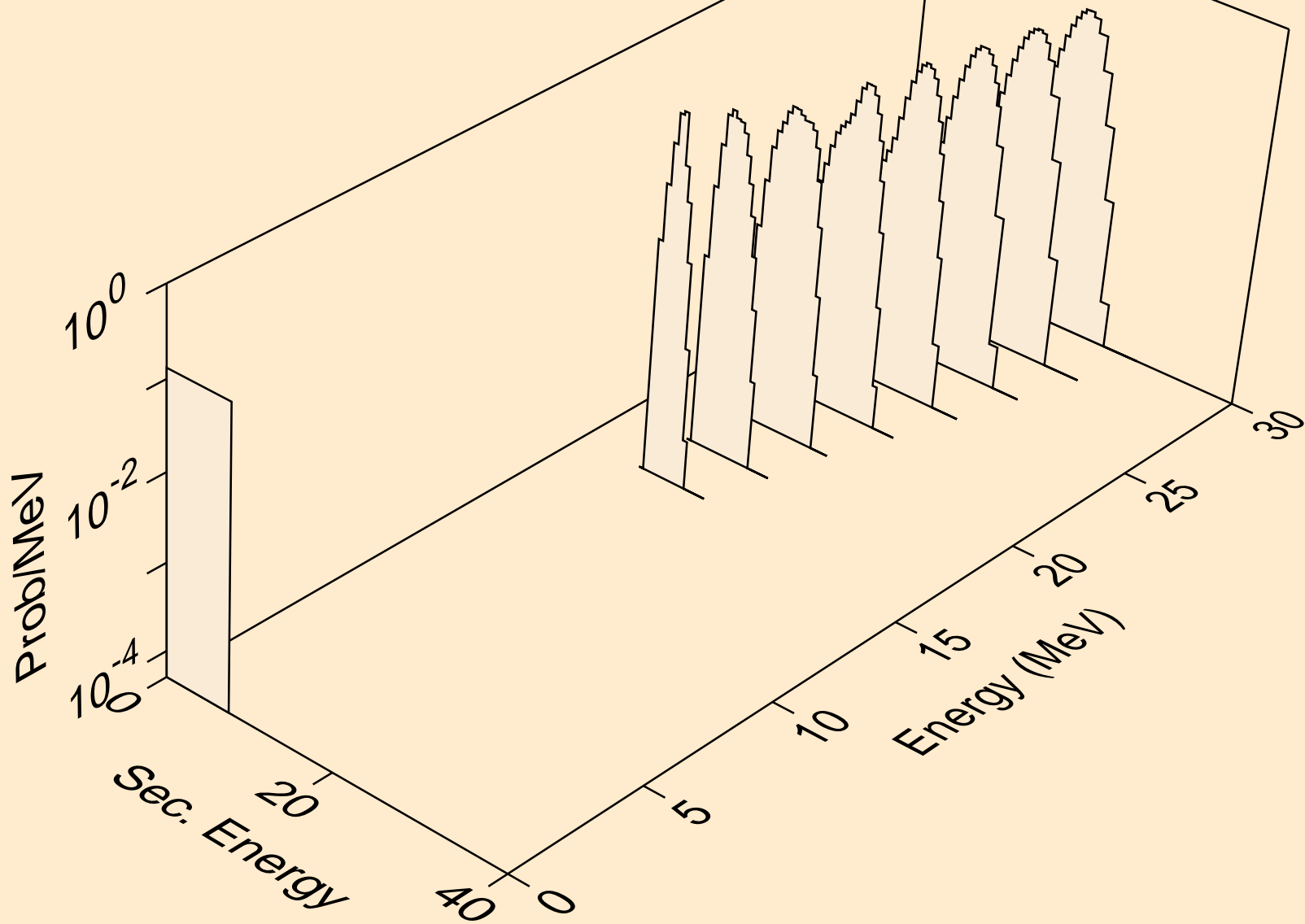
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alphas from (n,3n)a



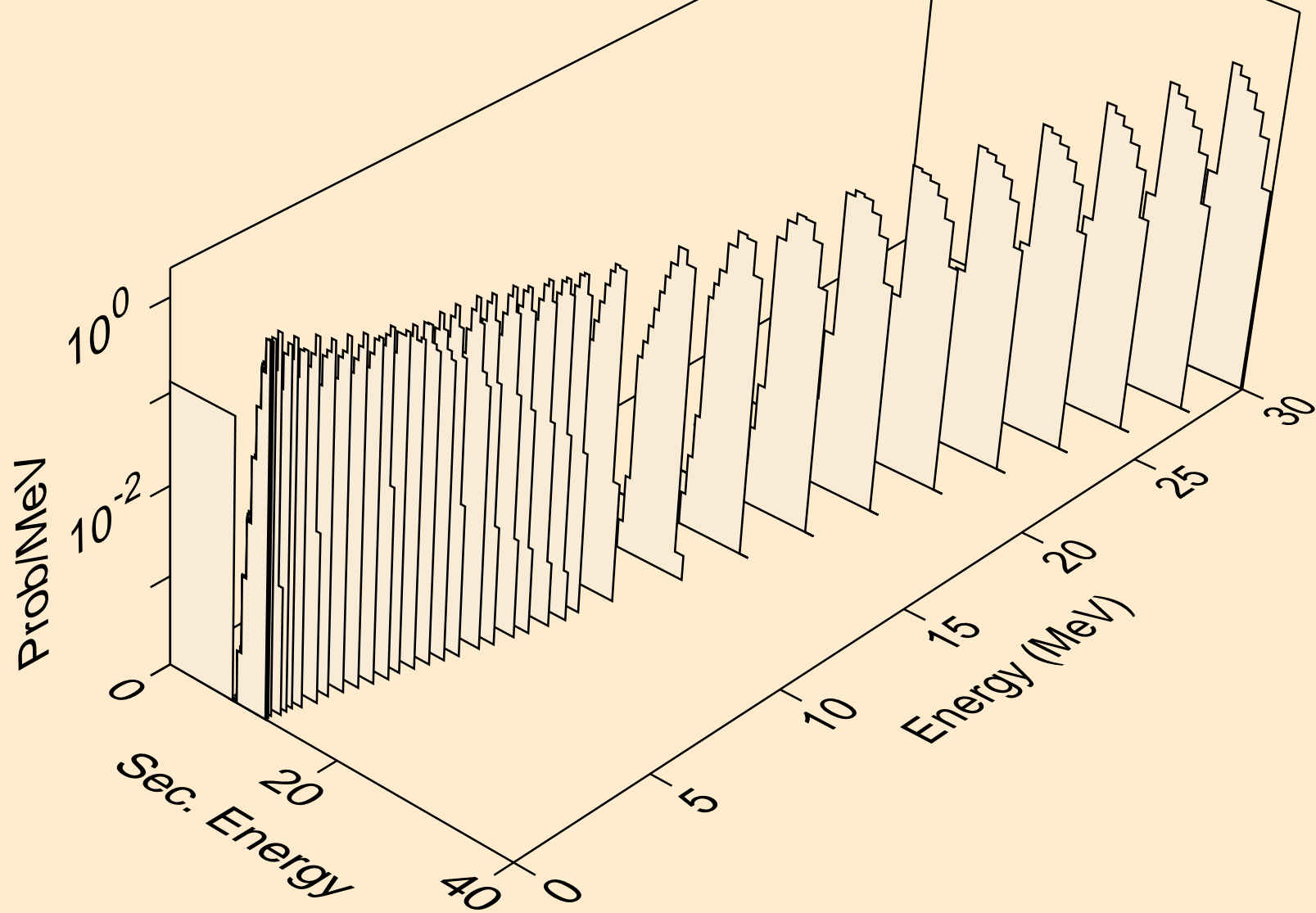
NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

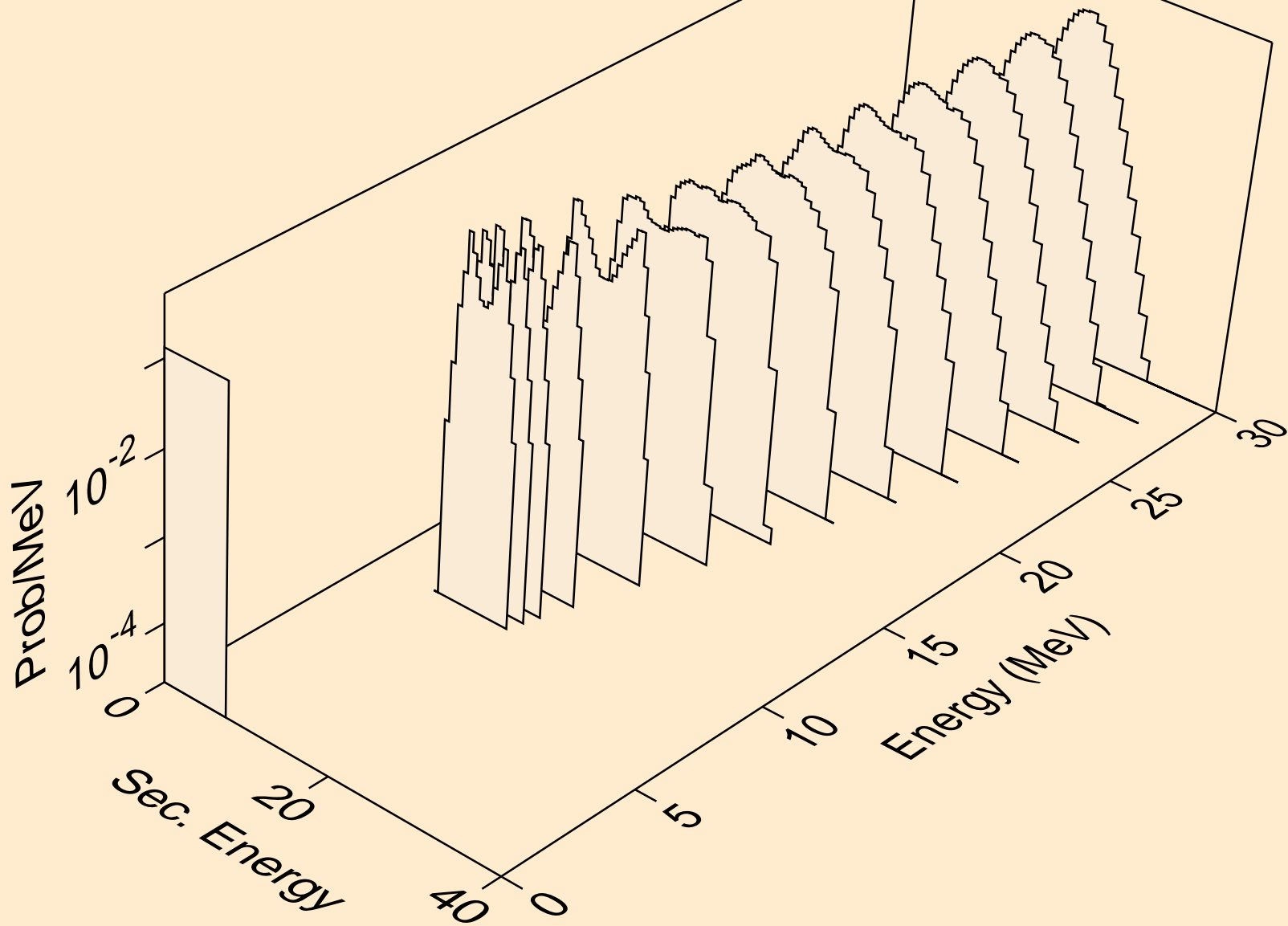


NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)





NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



NP236M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

