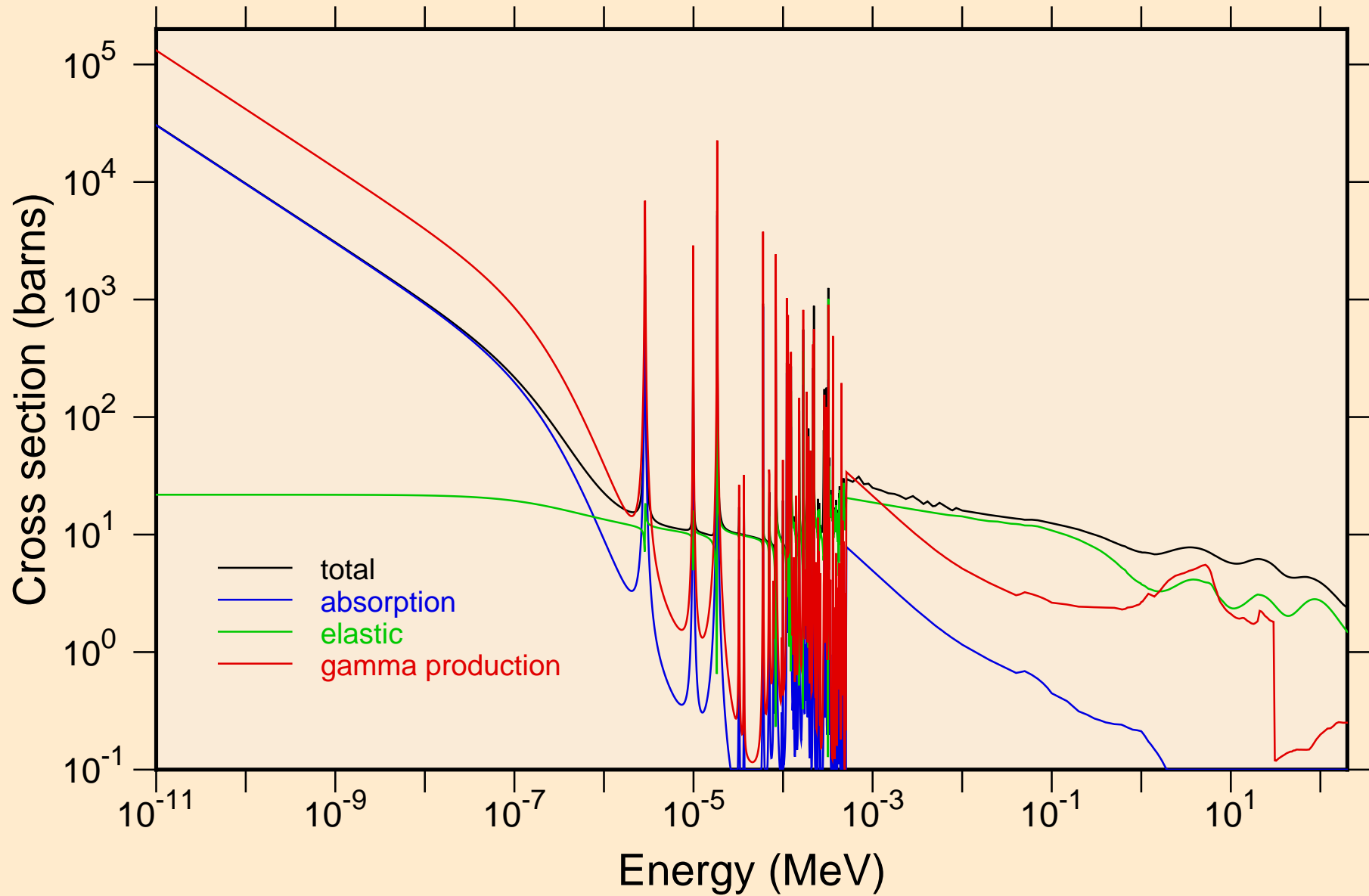
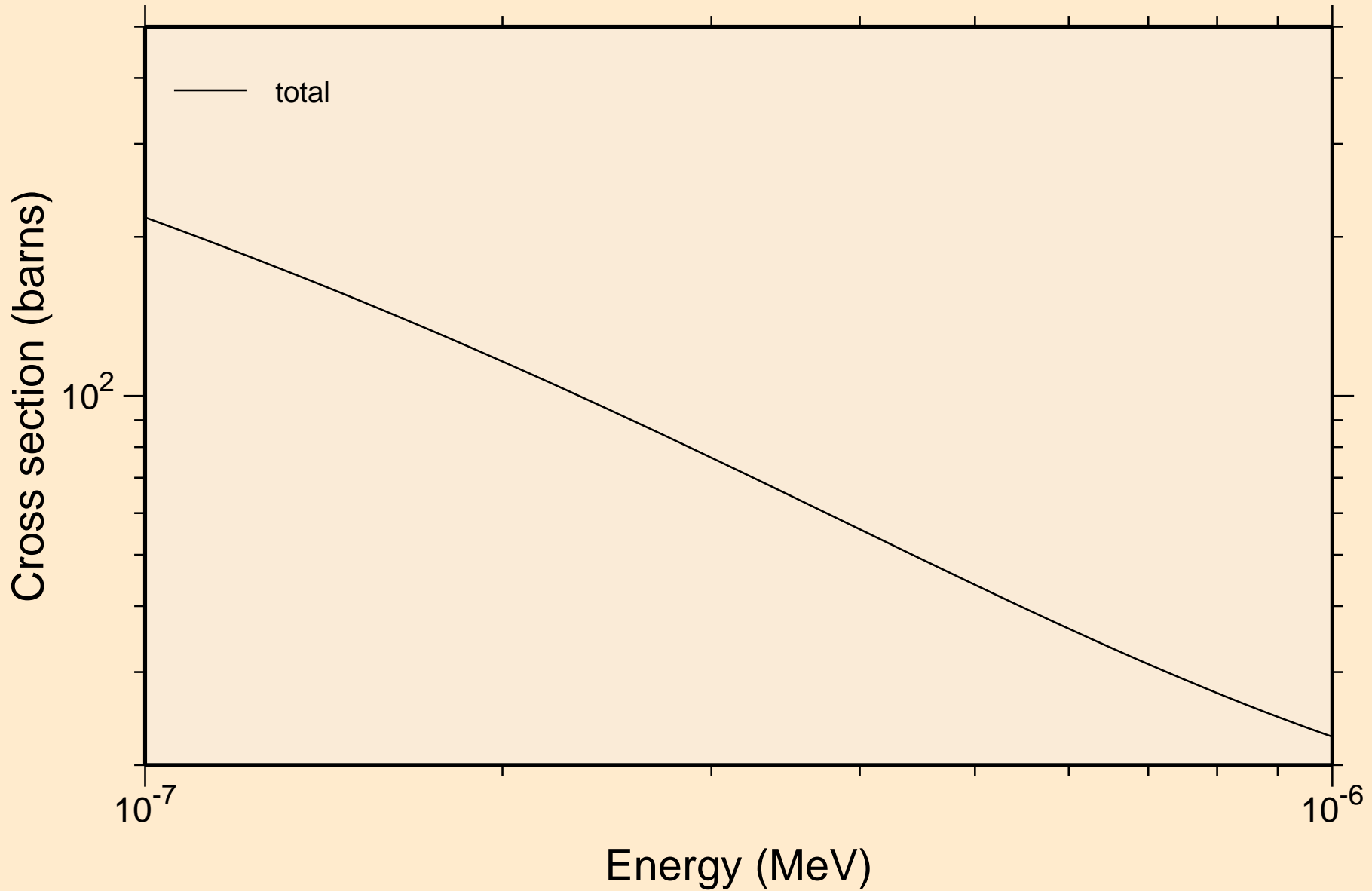


# PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

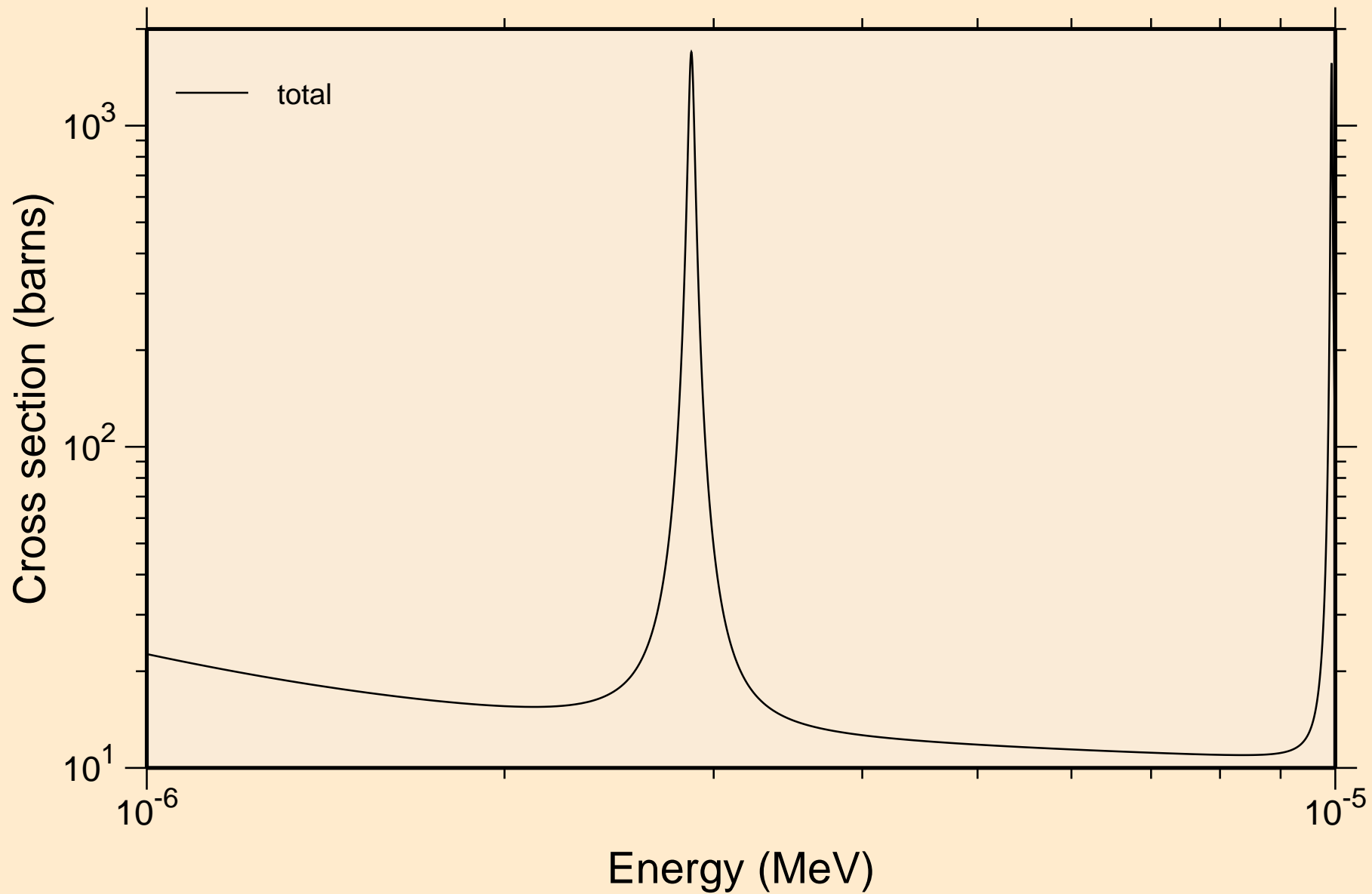
## Principal cross sections



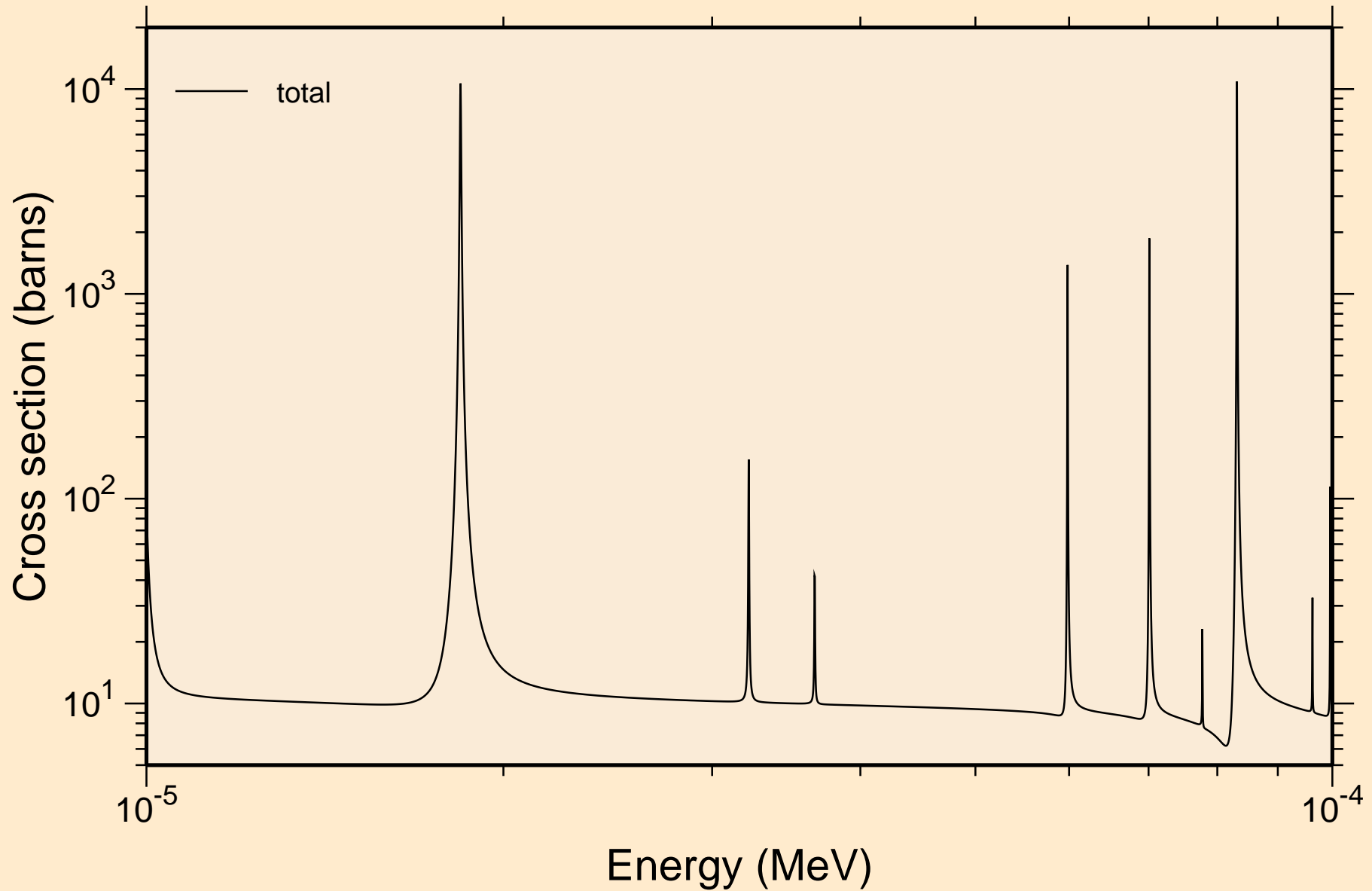
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resonance total cross section



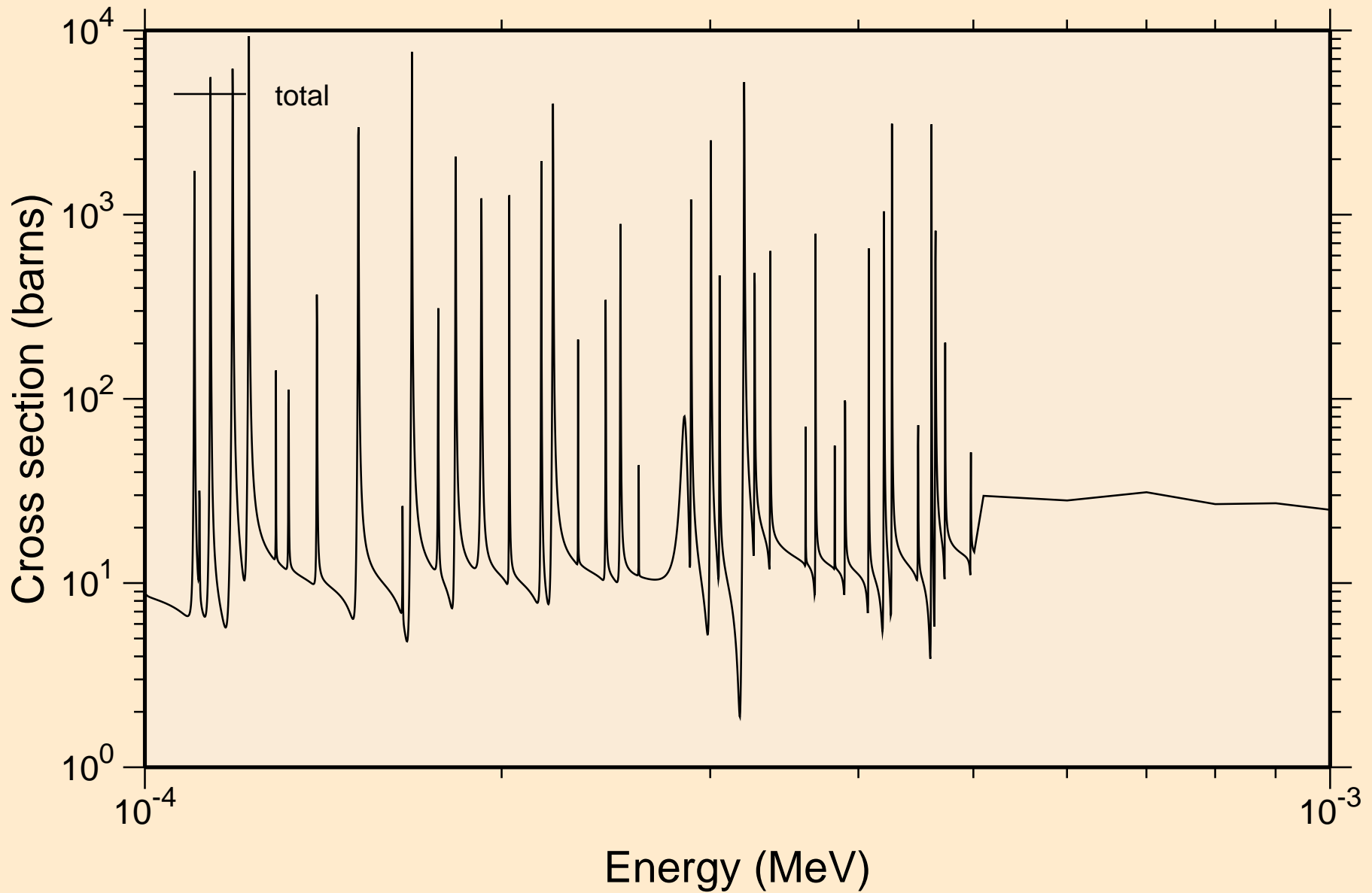
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resonance total cross section



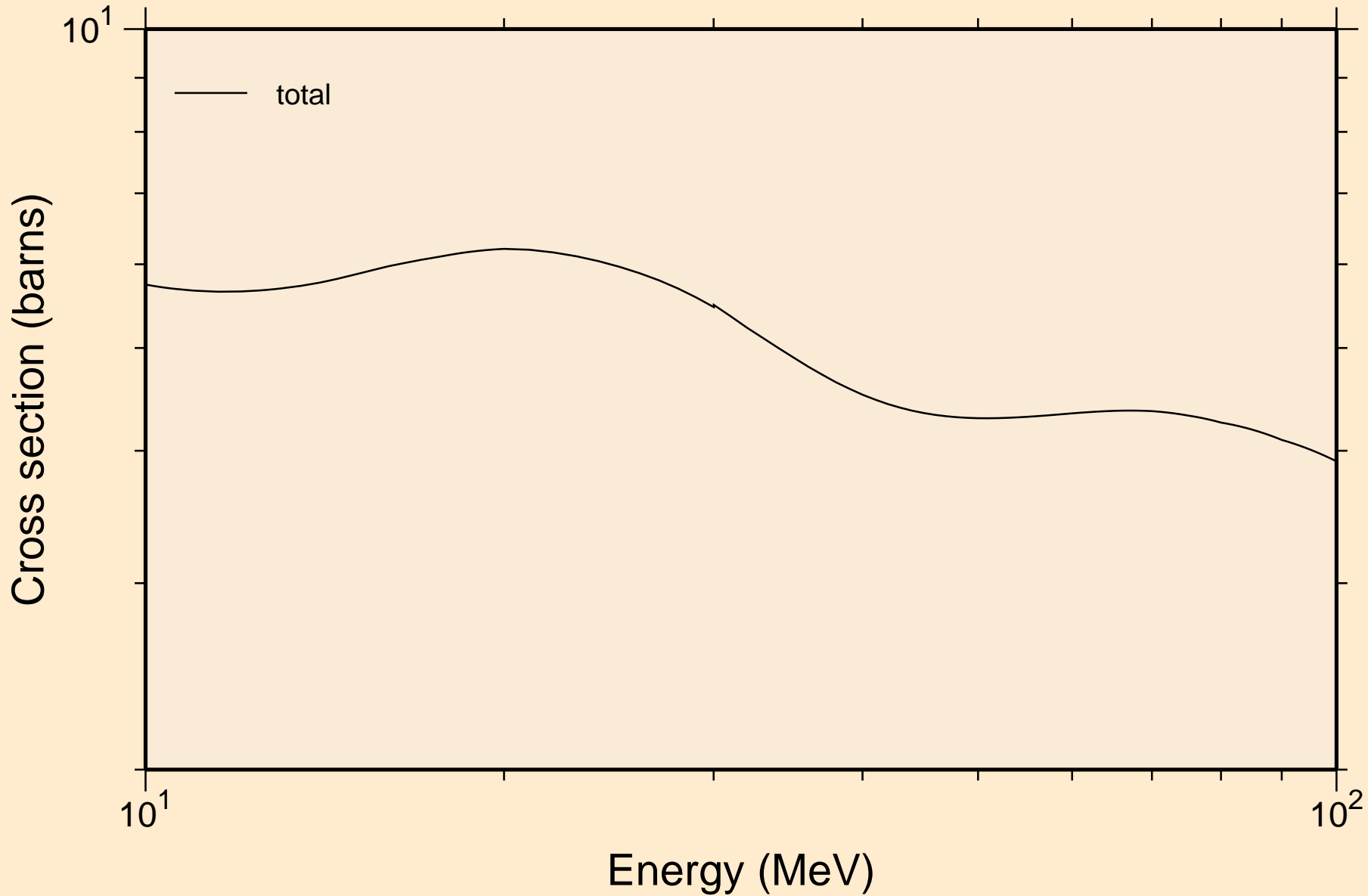
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resonance total cross section



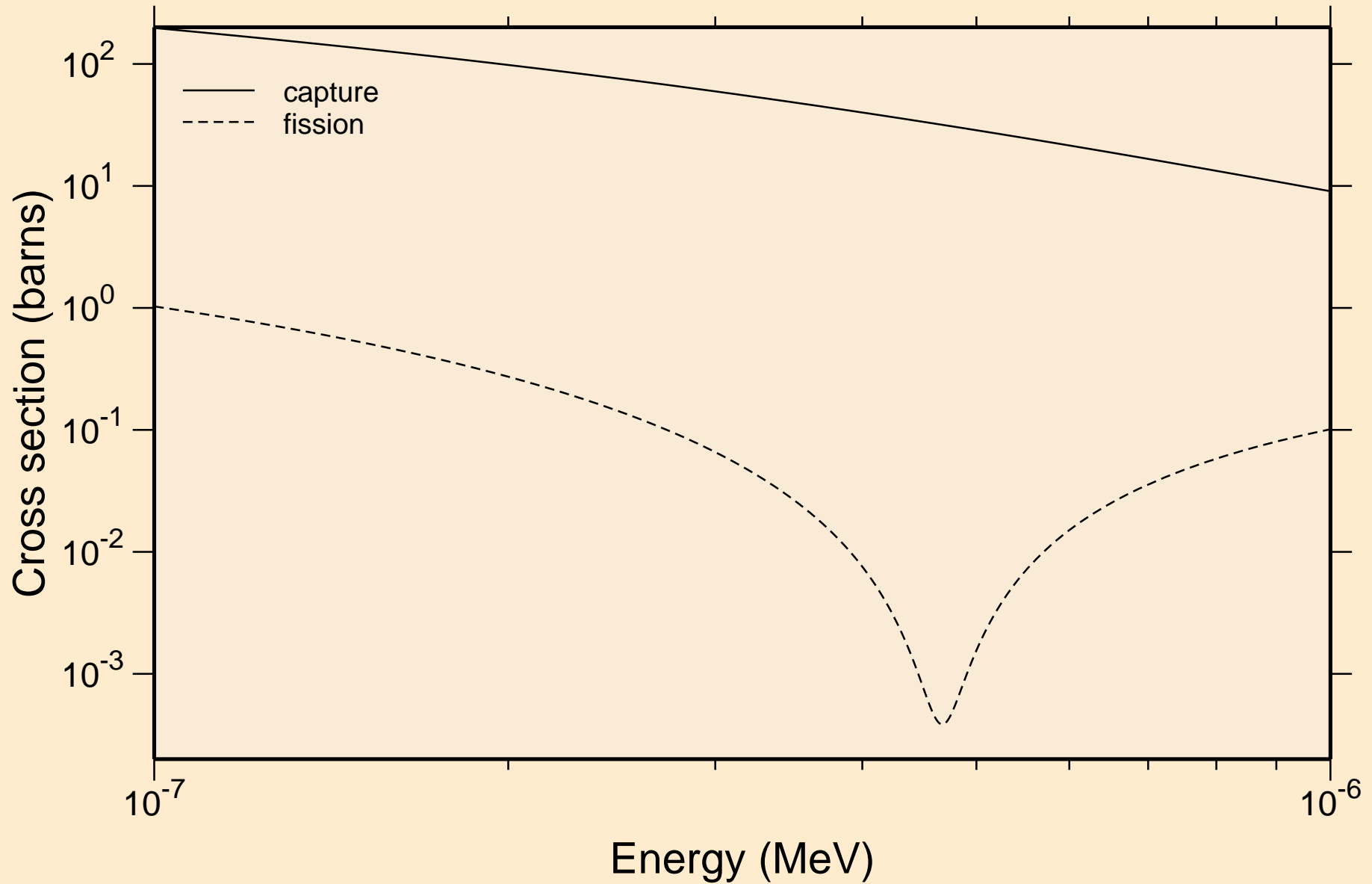
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



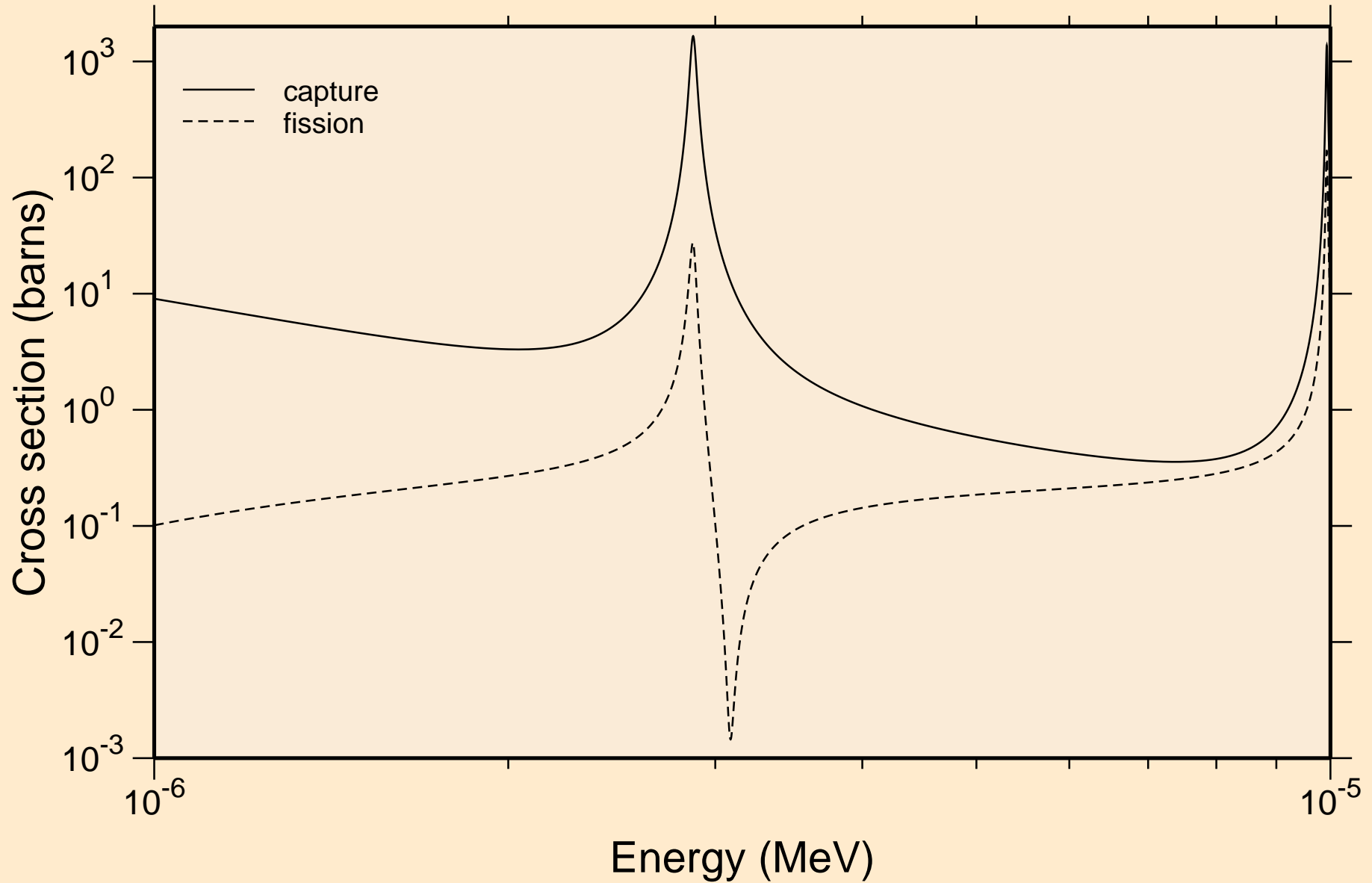
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

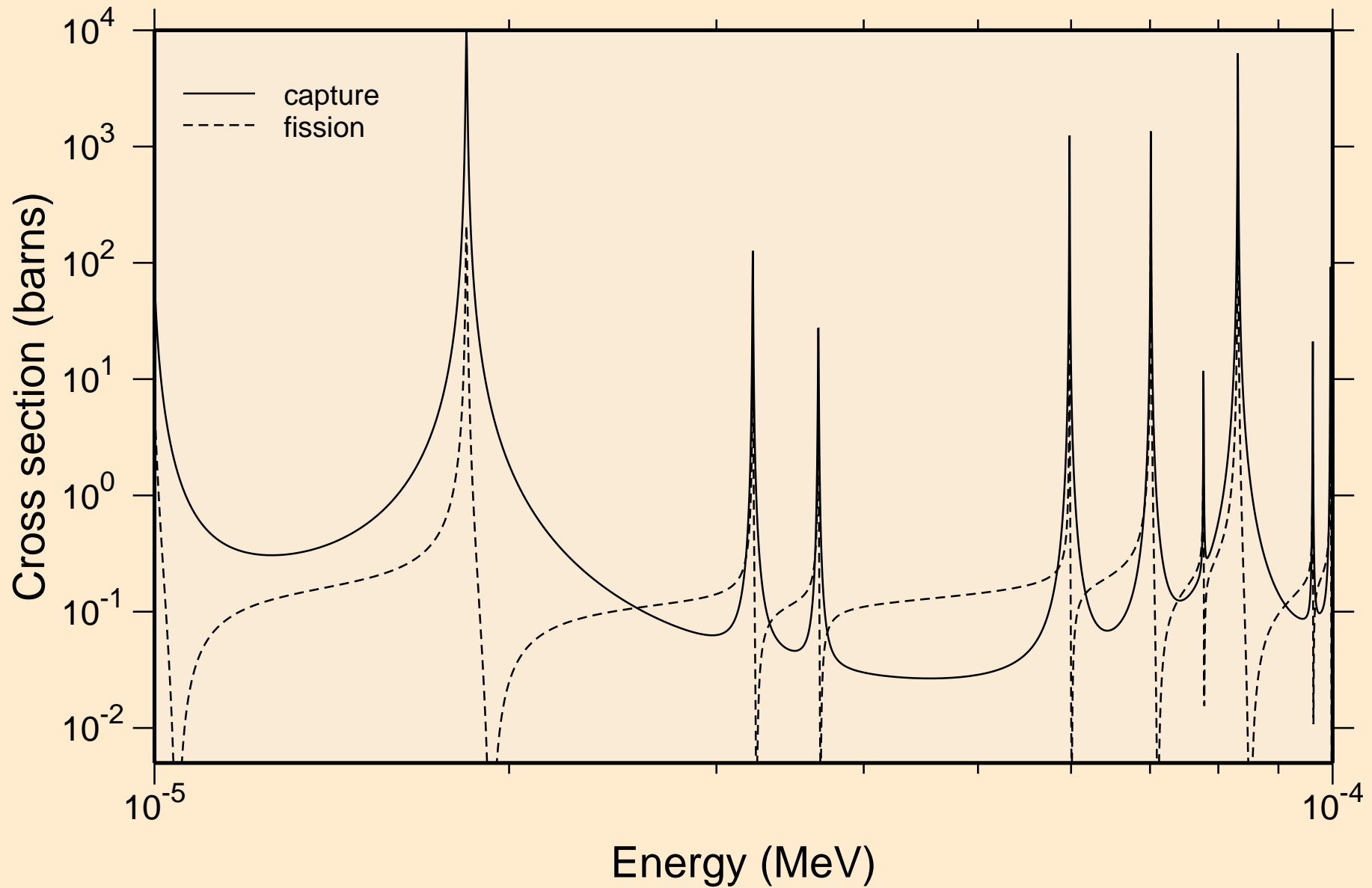


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

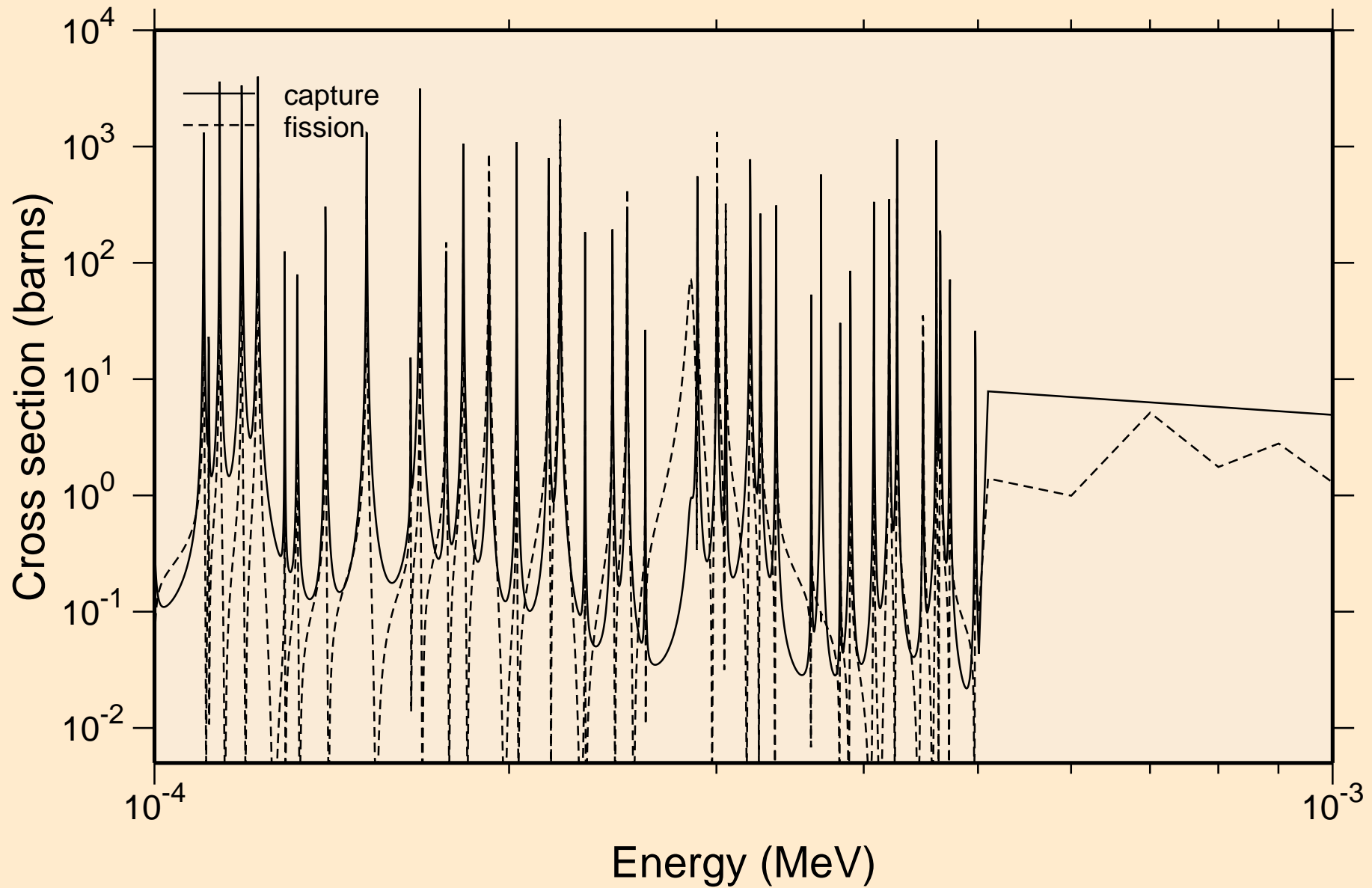




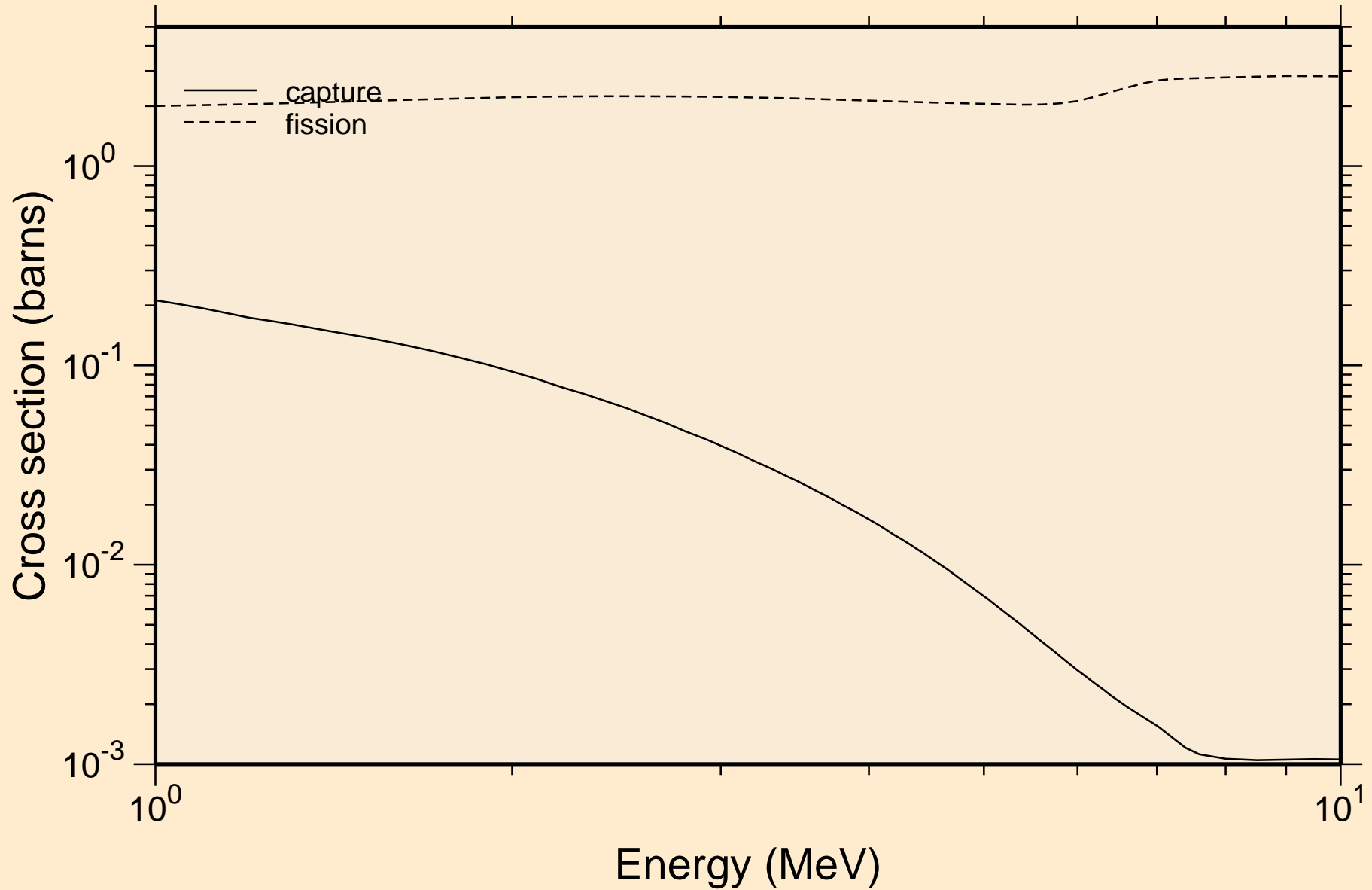
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

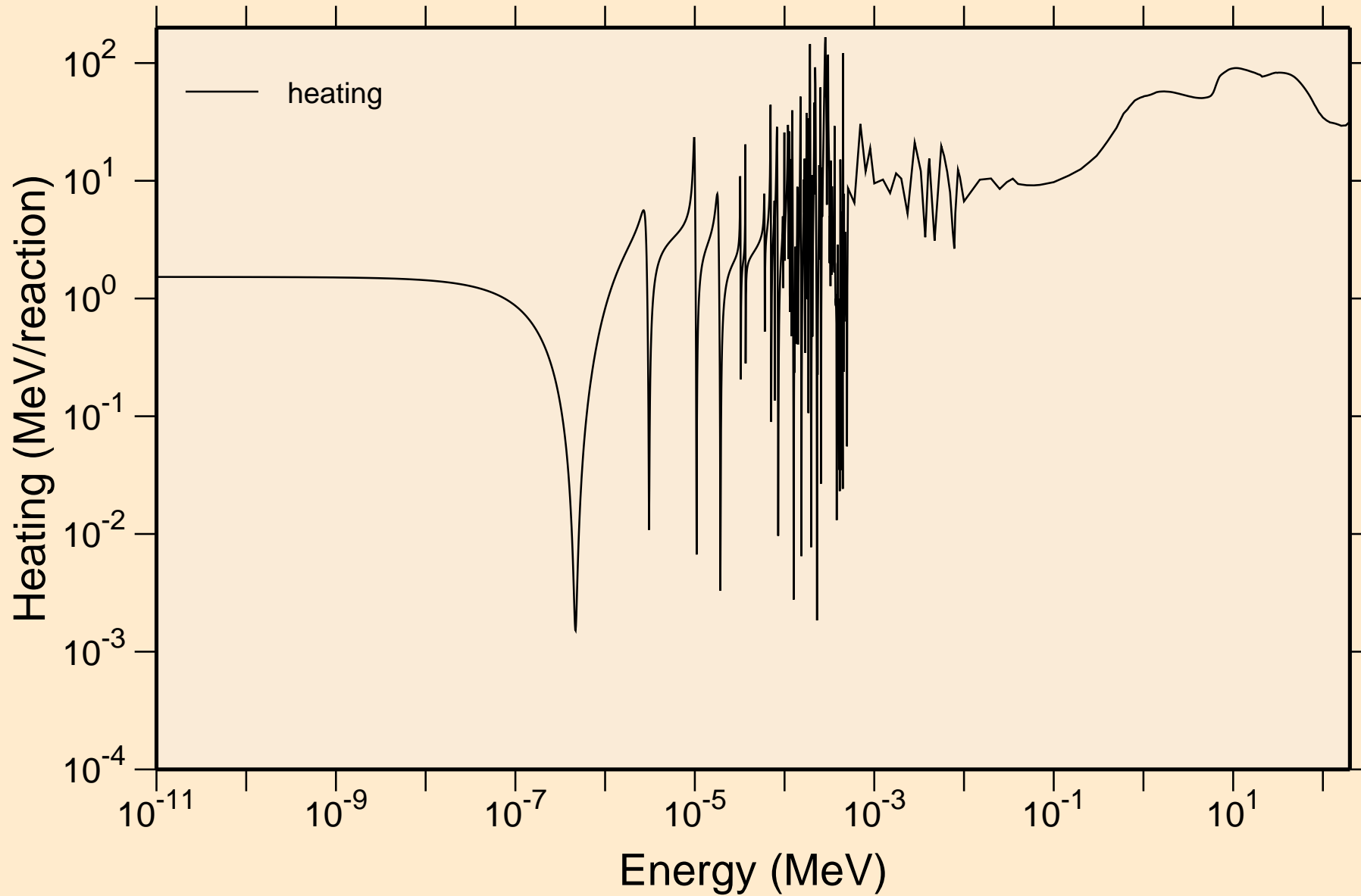


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

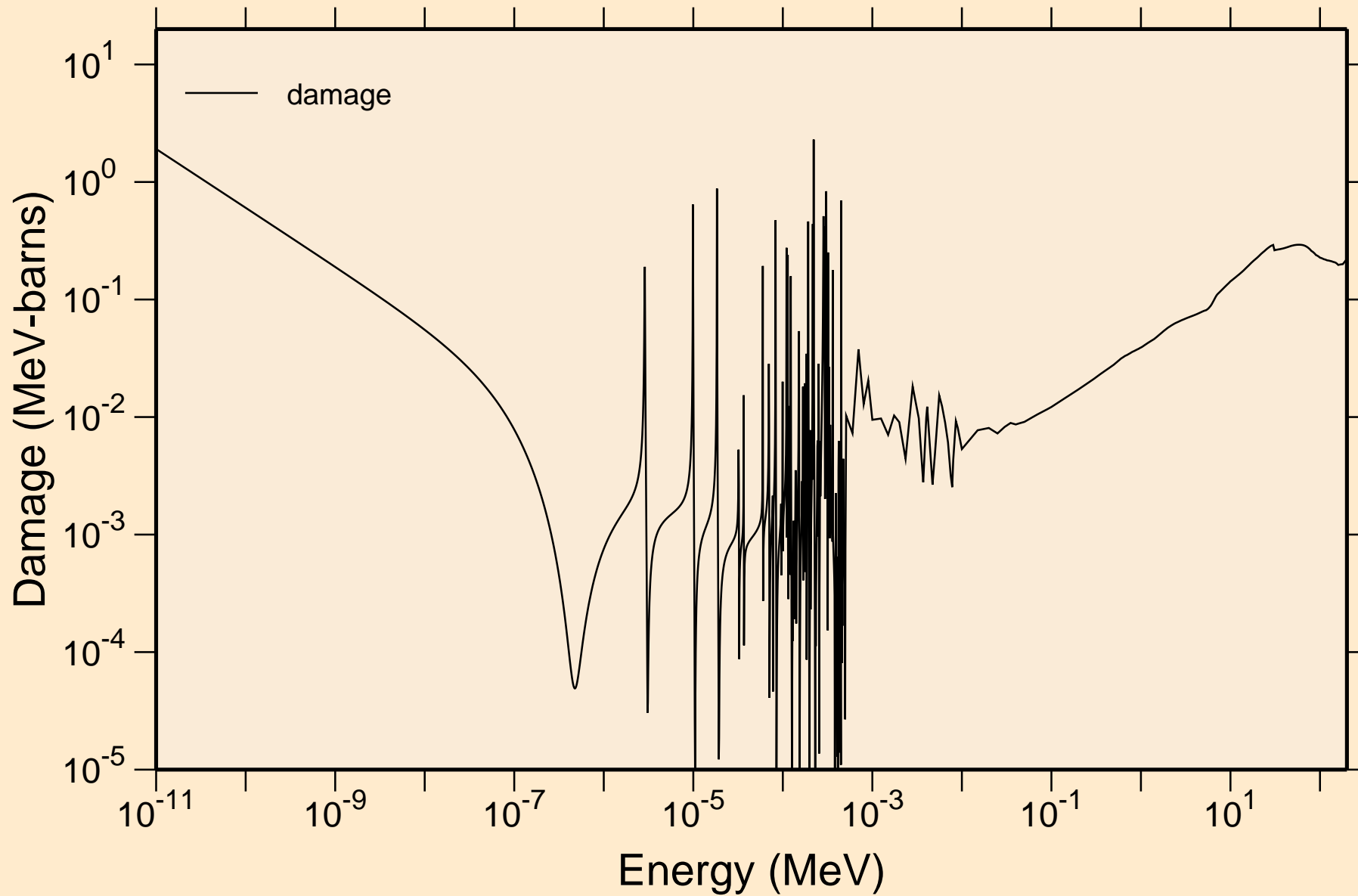


# PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

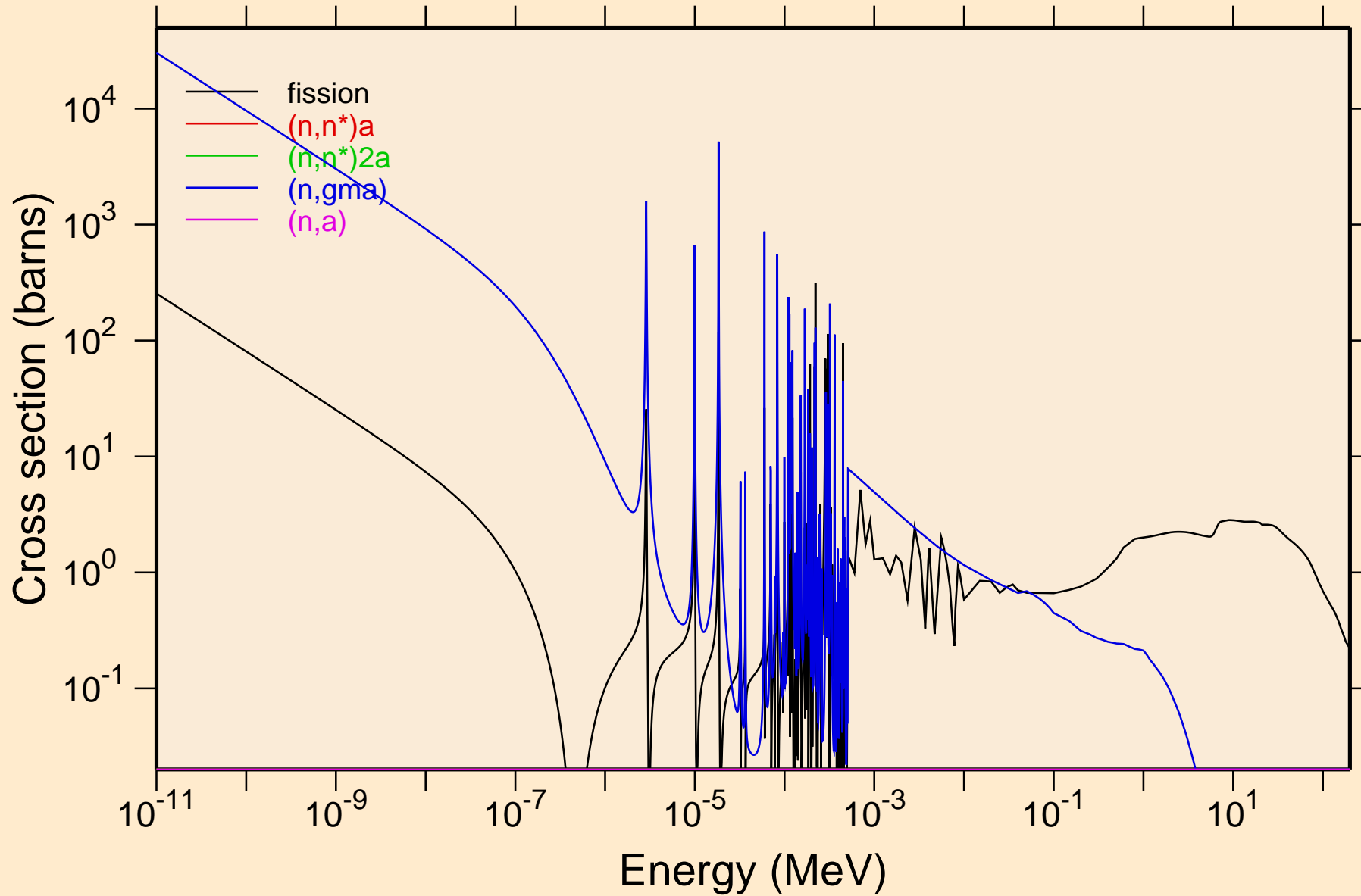


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

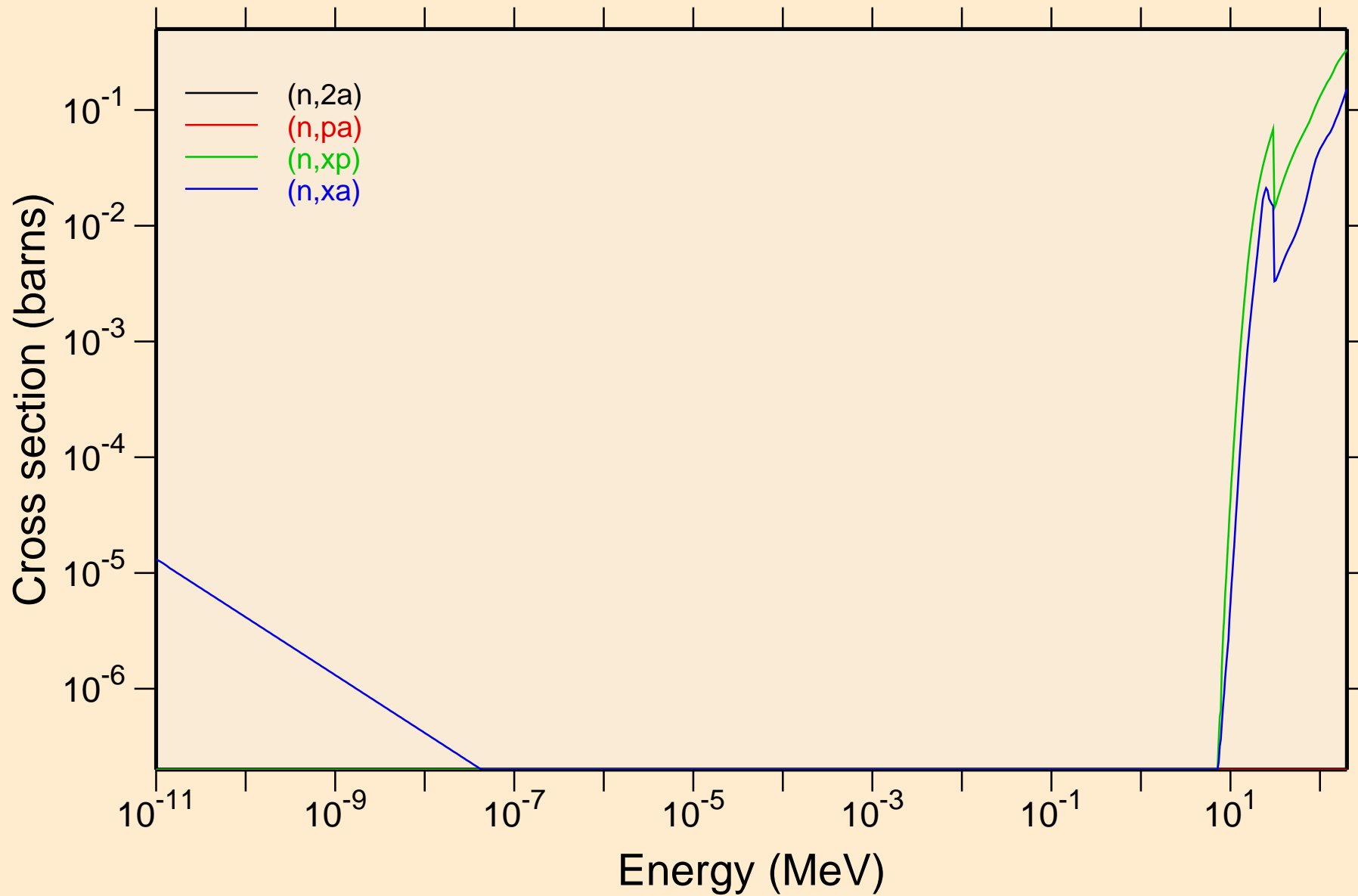


# PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

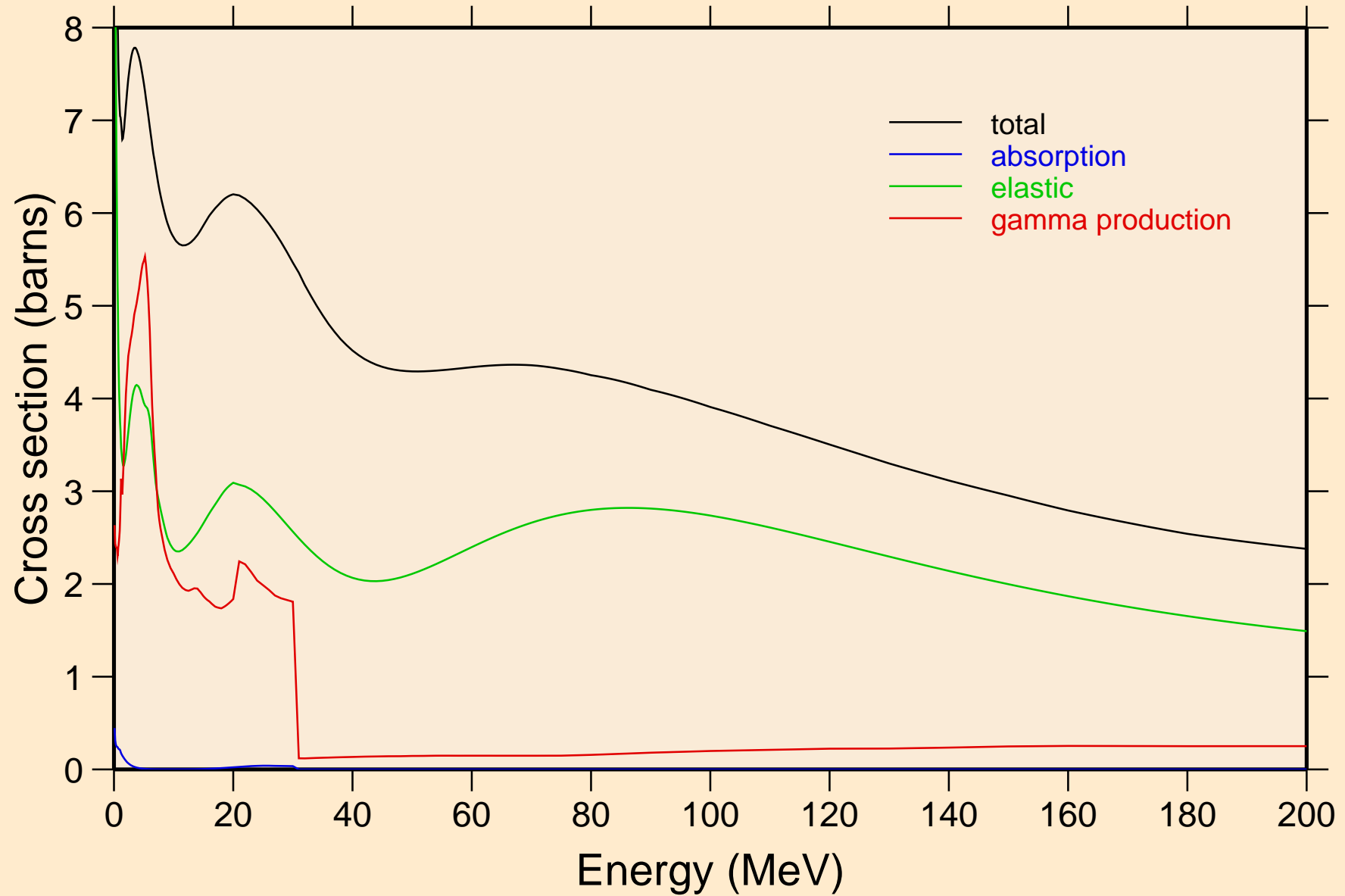


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



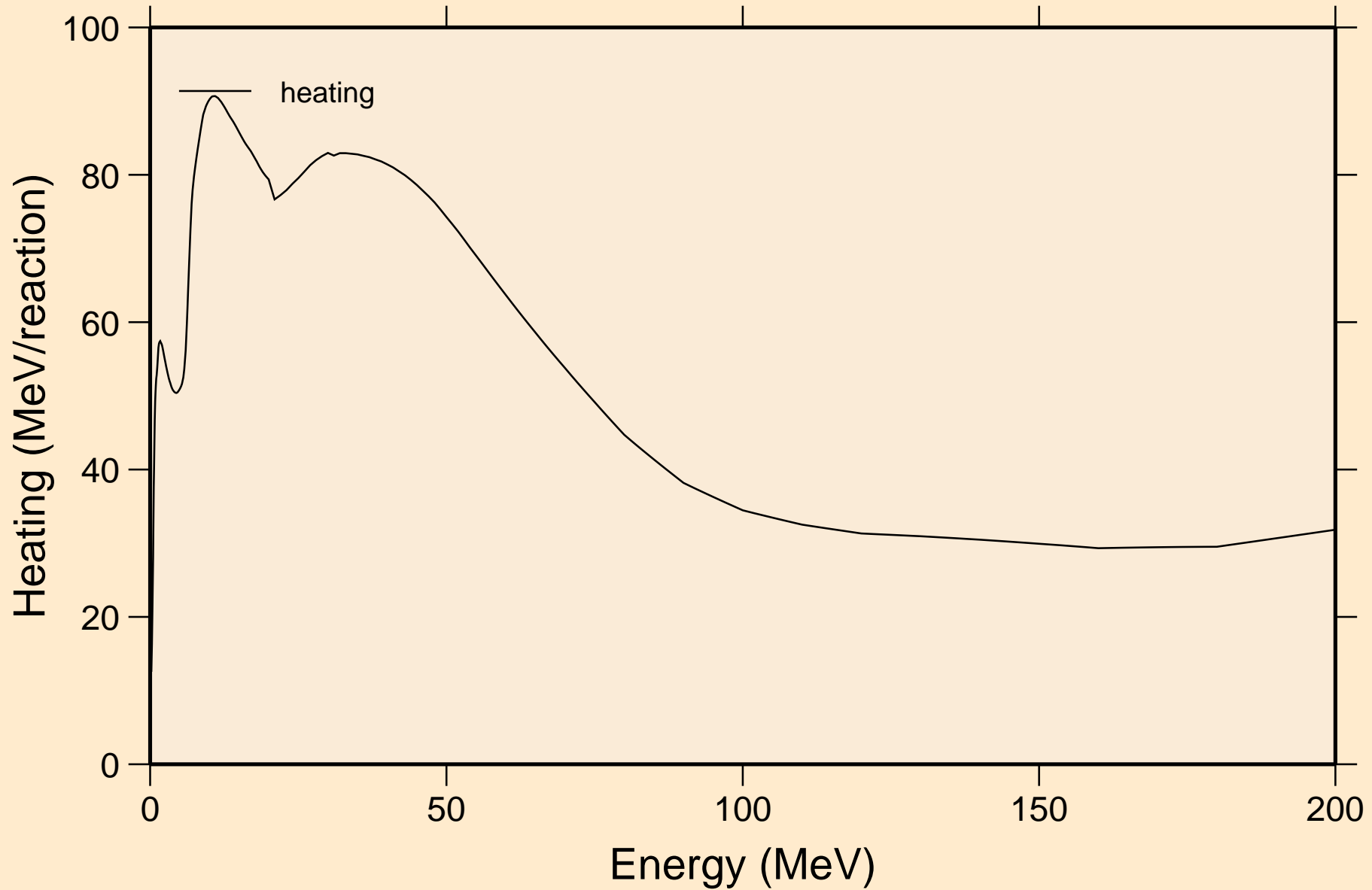
# PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

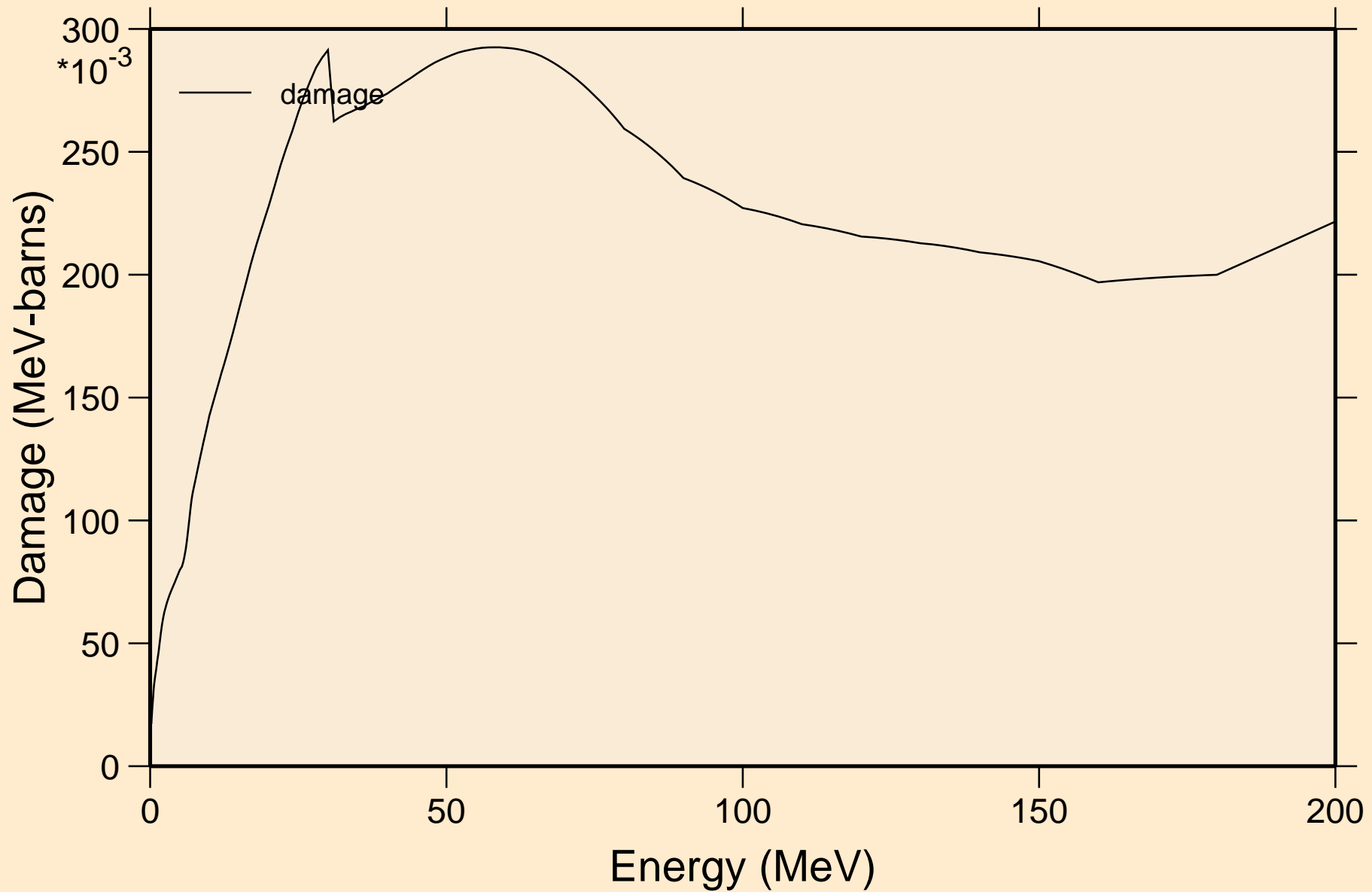




PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

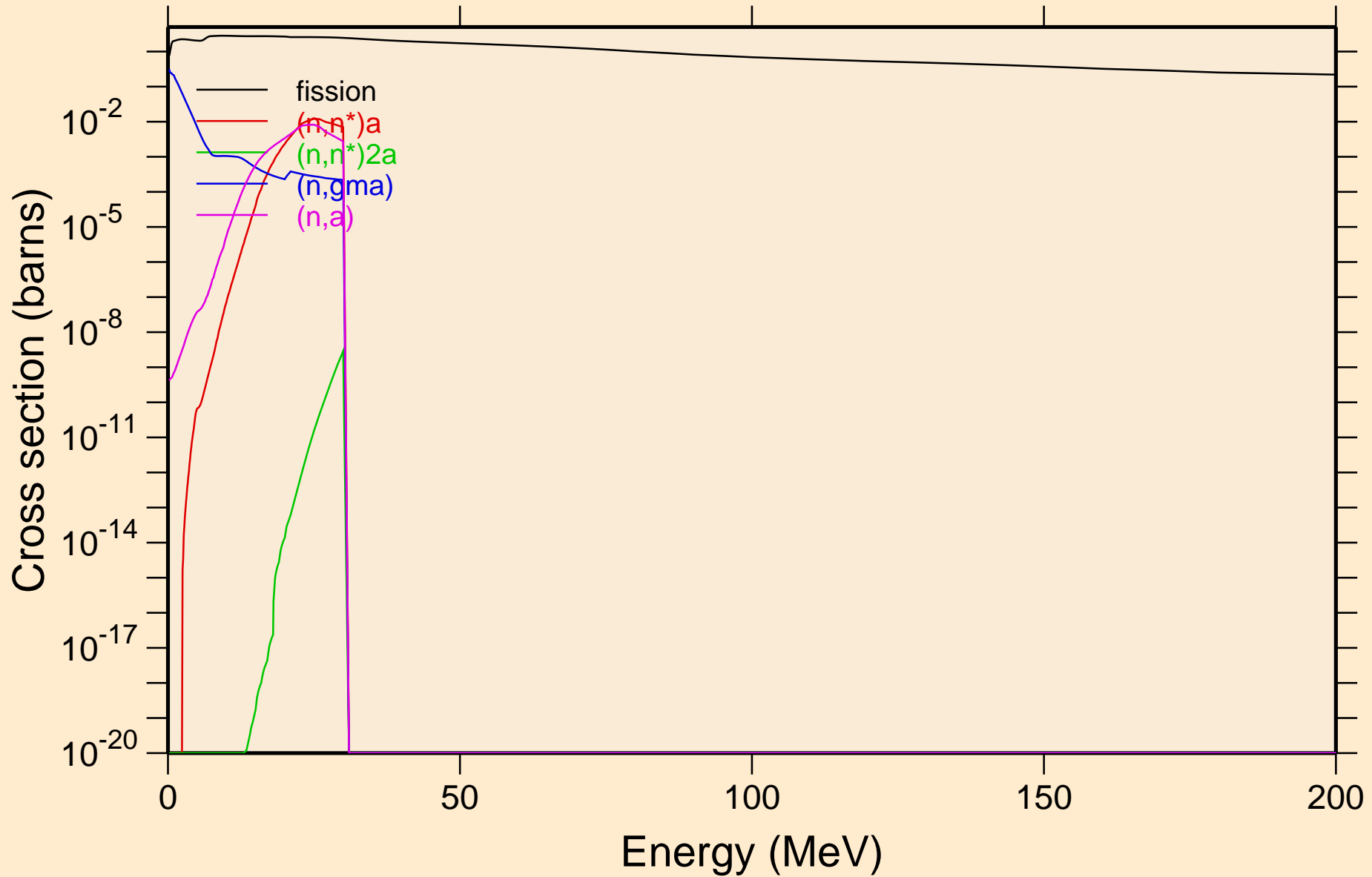


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

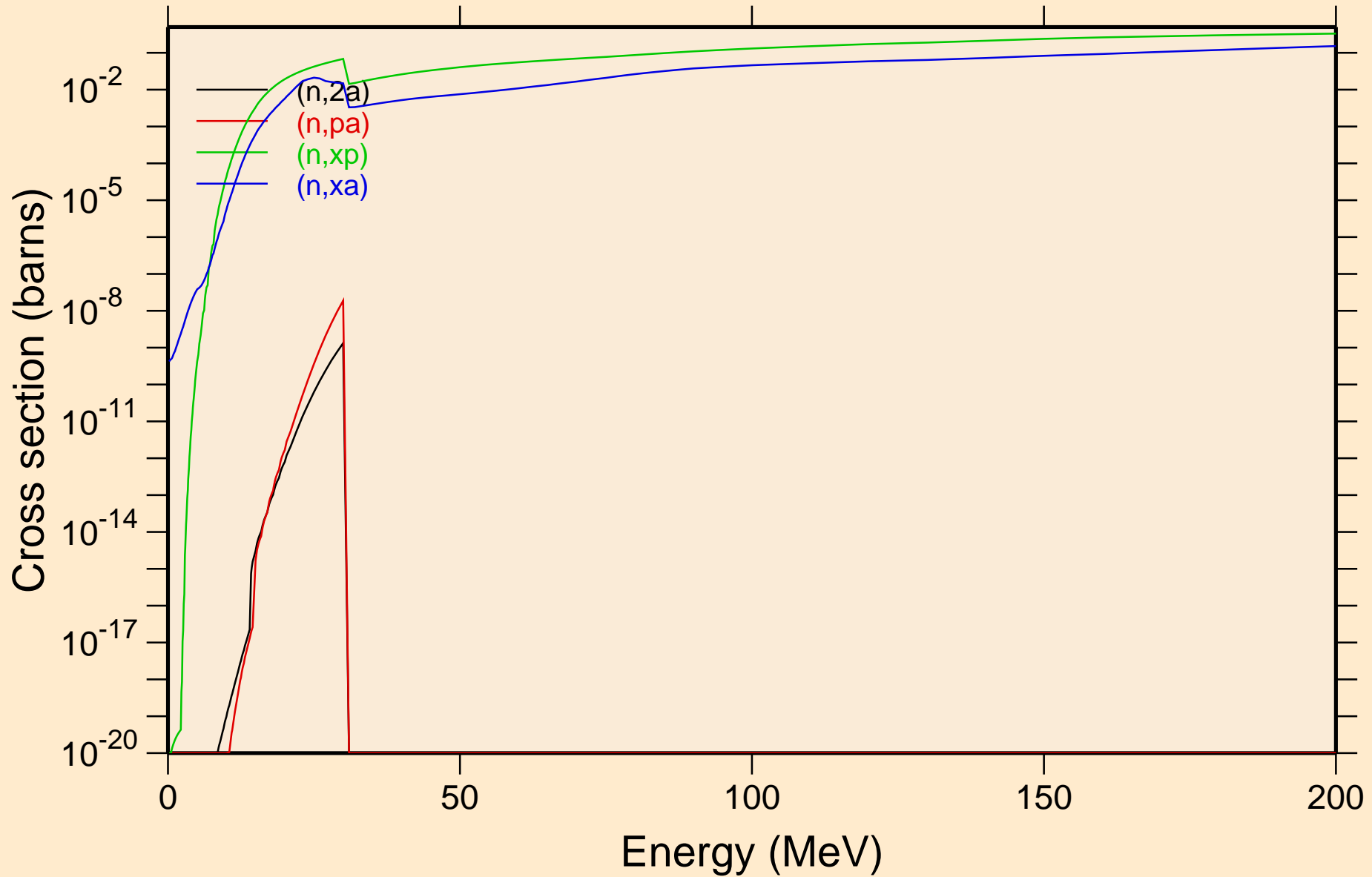


# PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

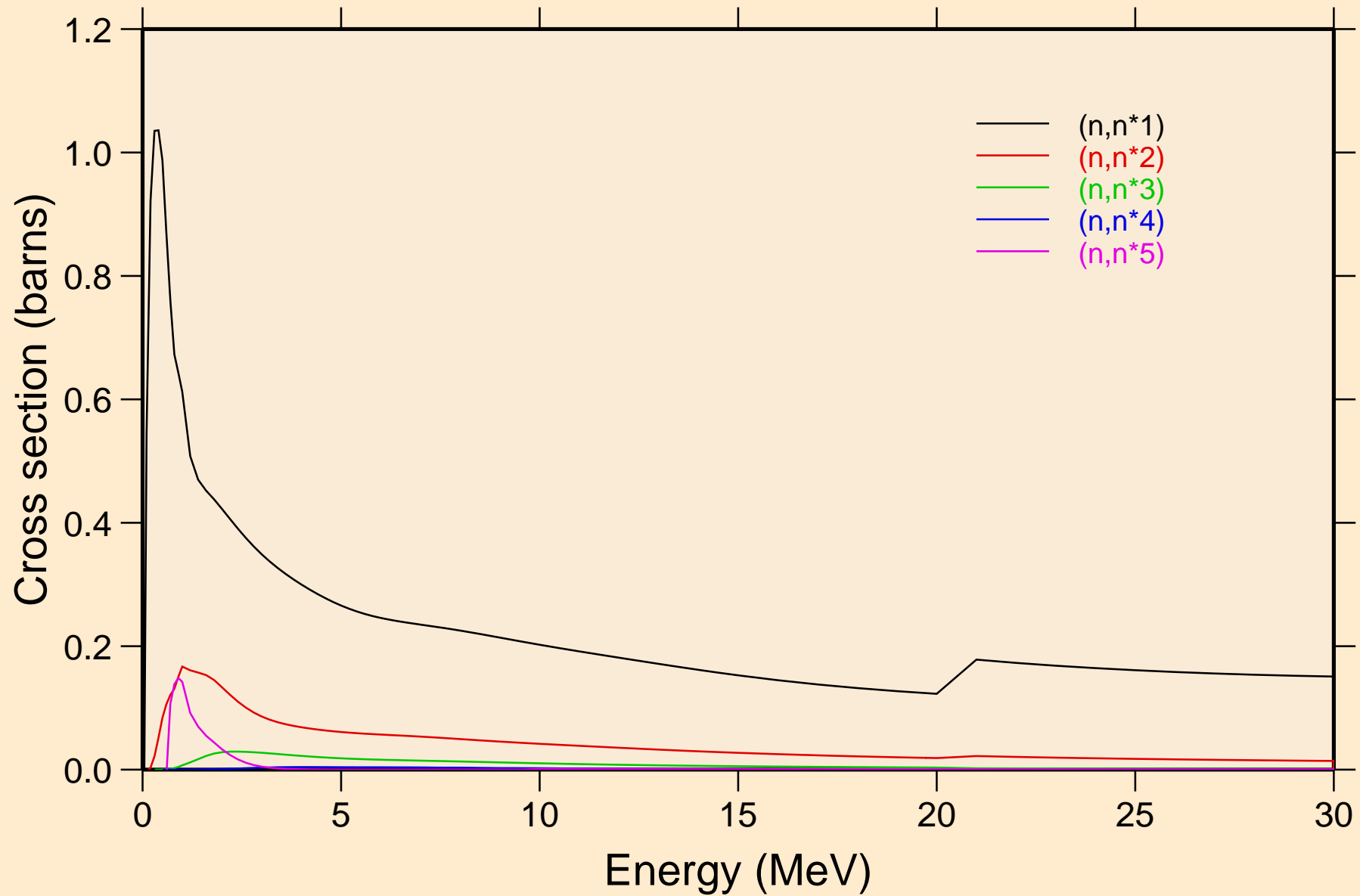
## Non-threshold reactions



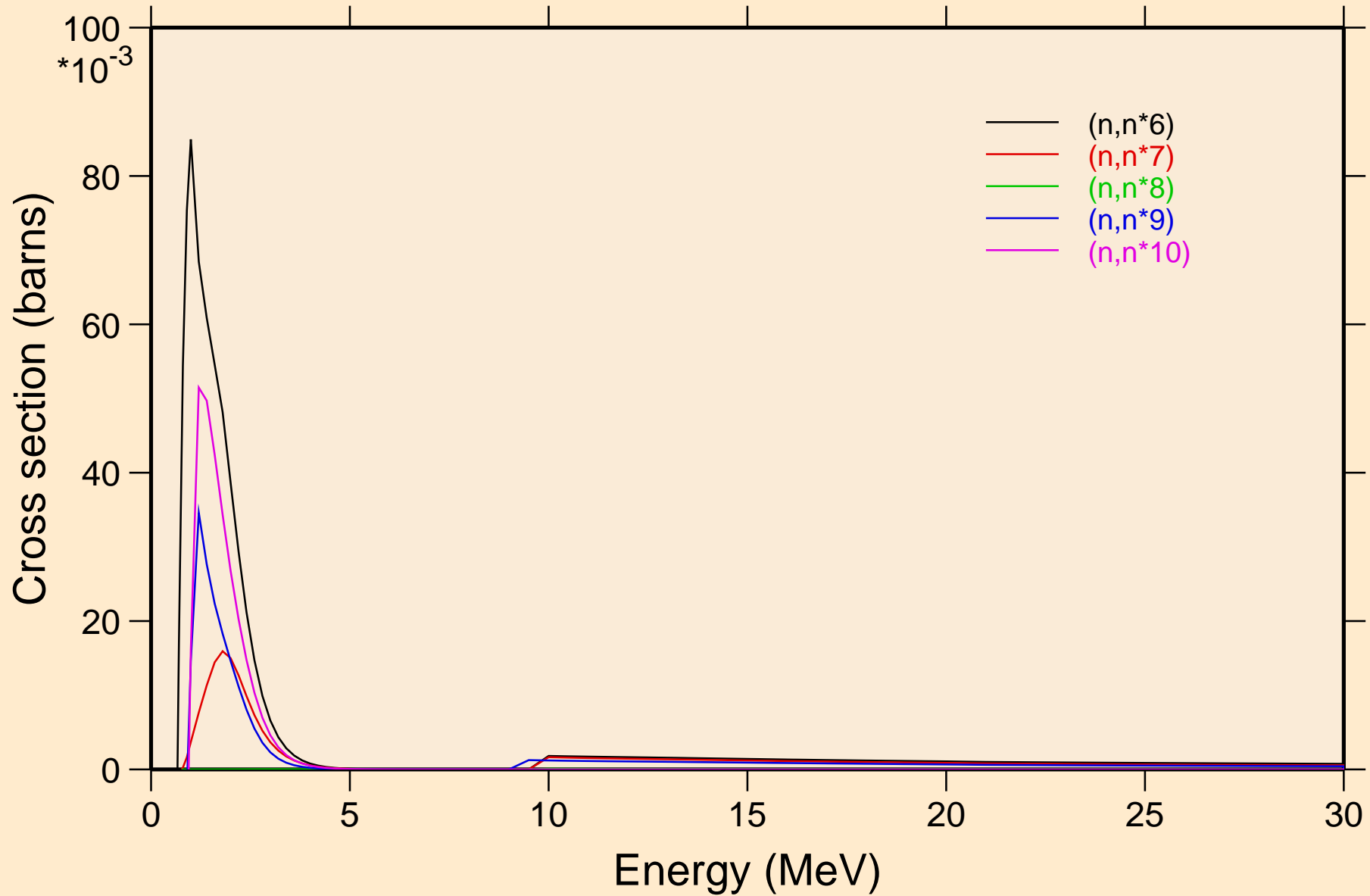
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



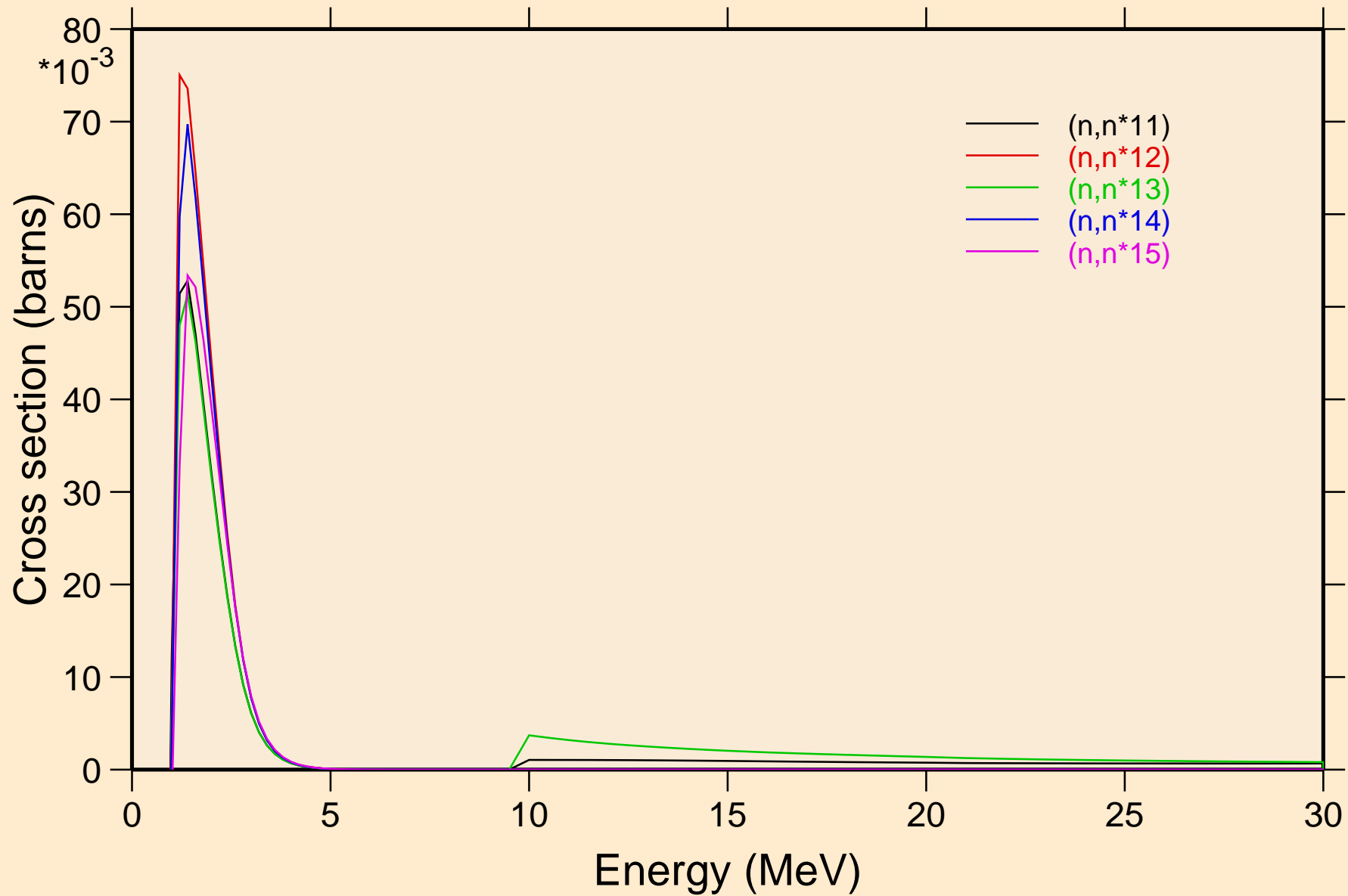
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



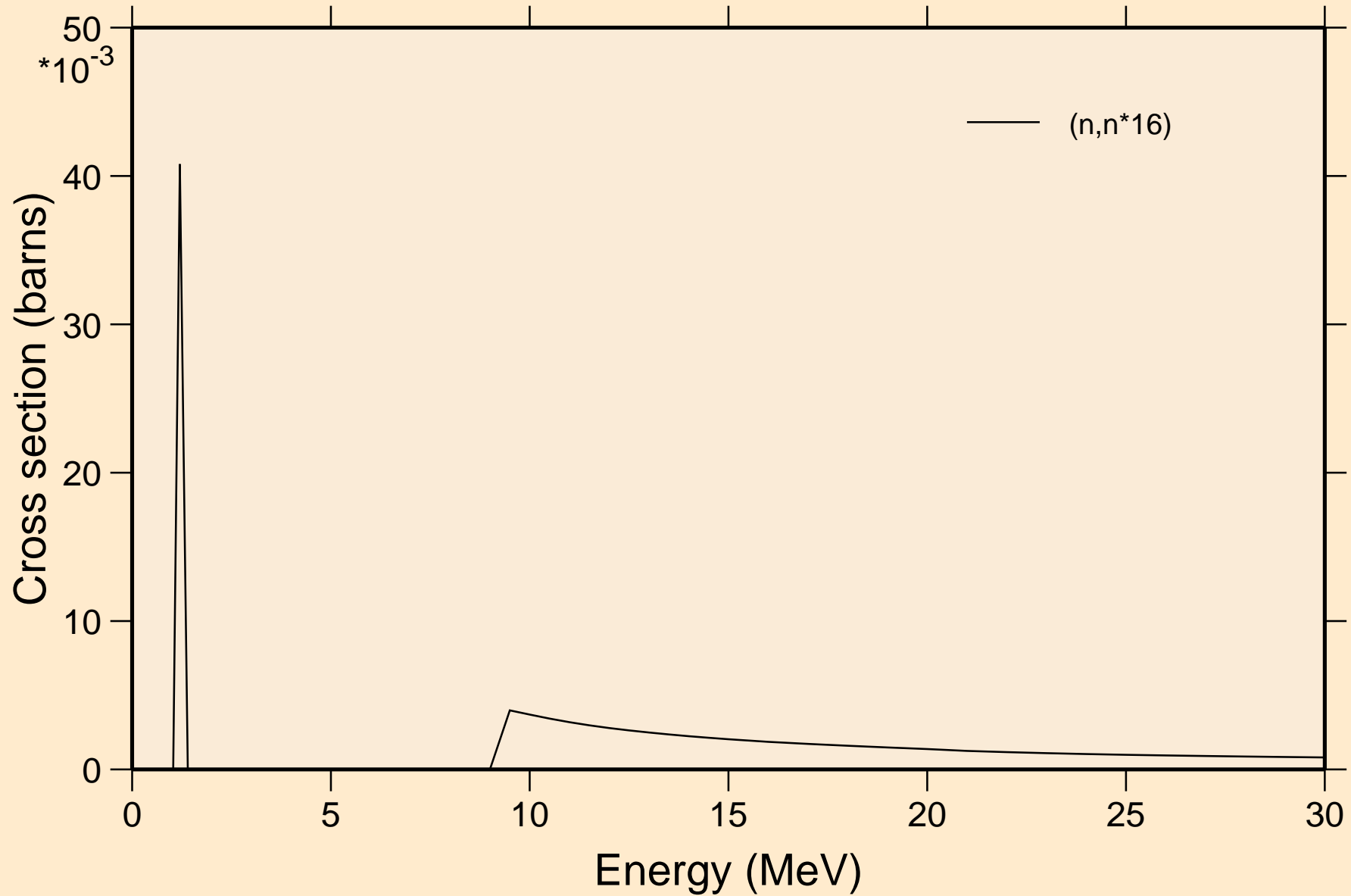
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

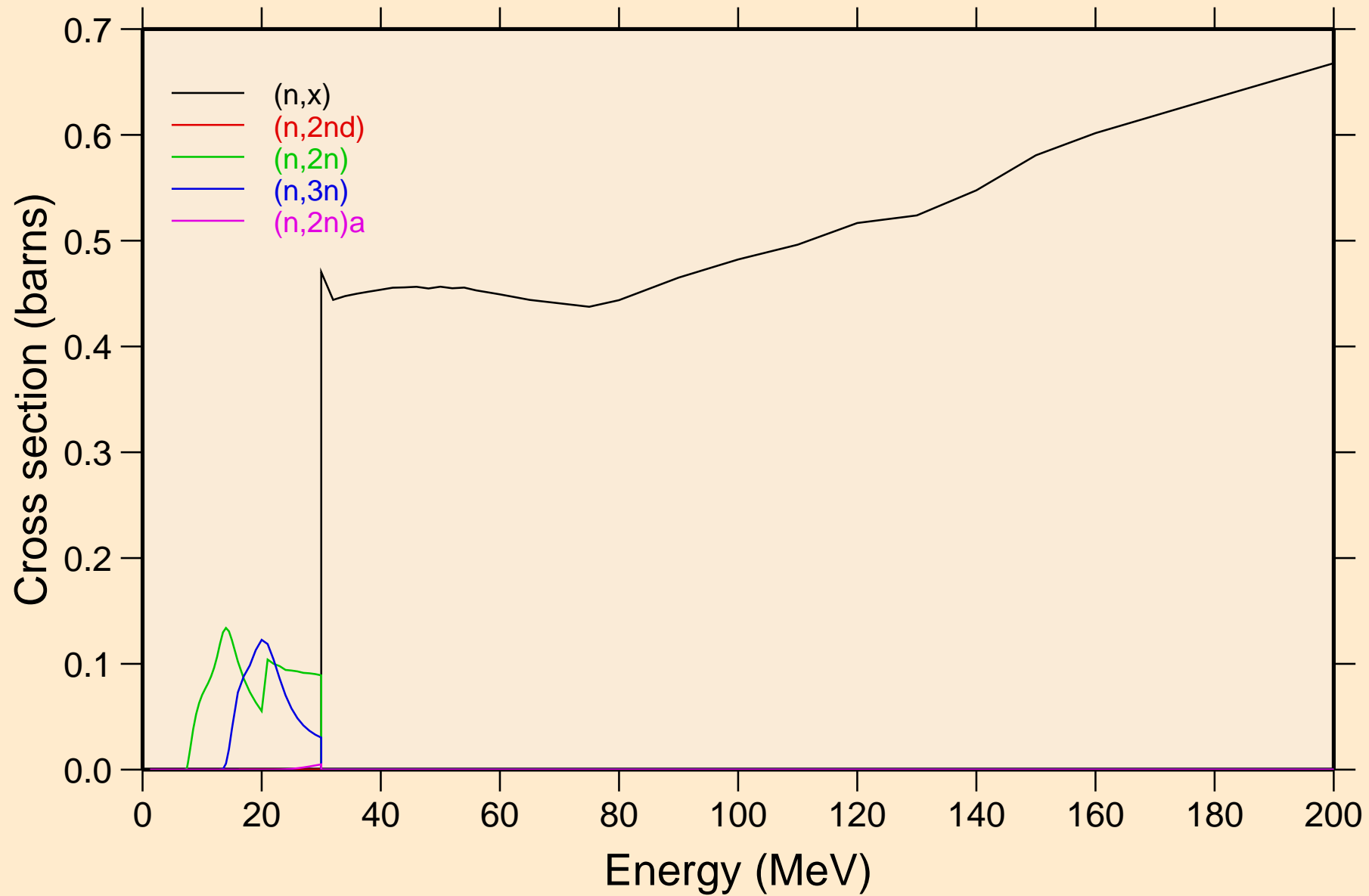


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

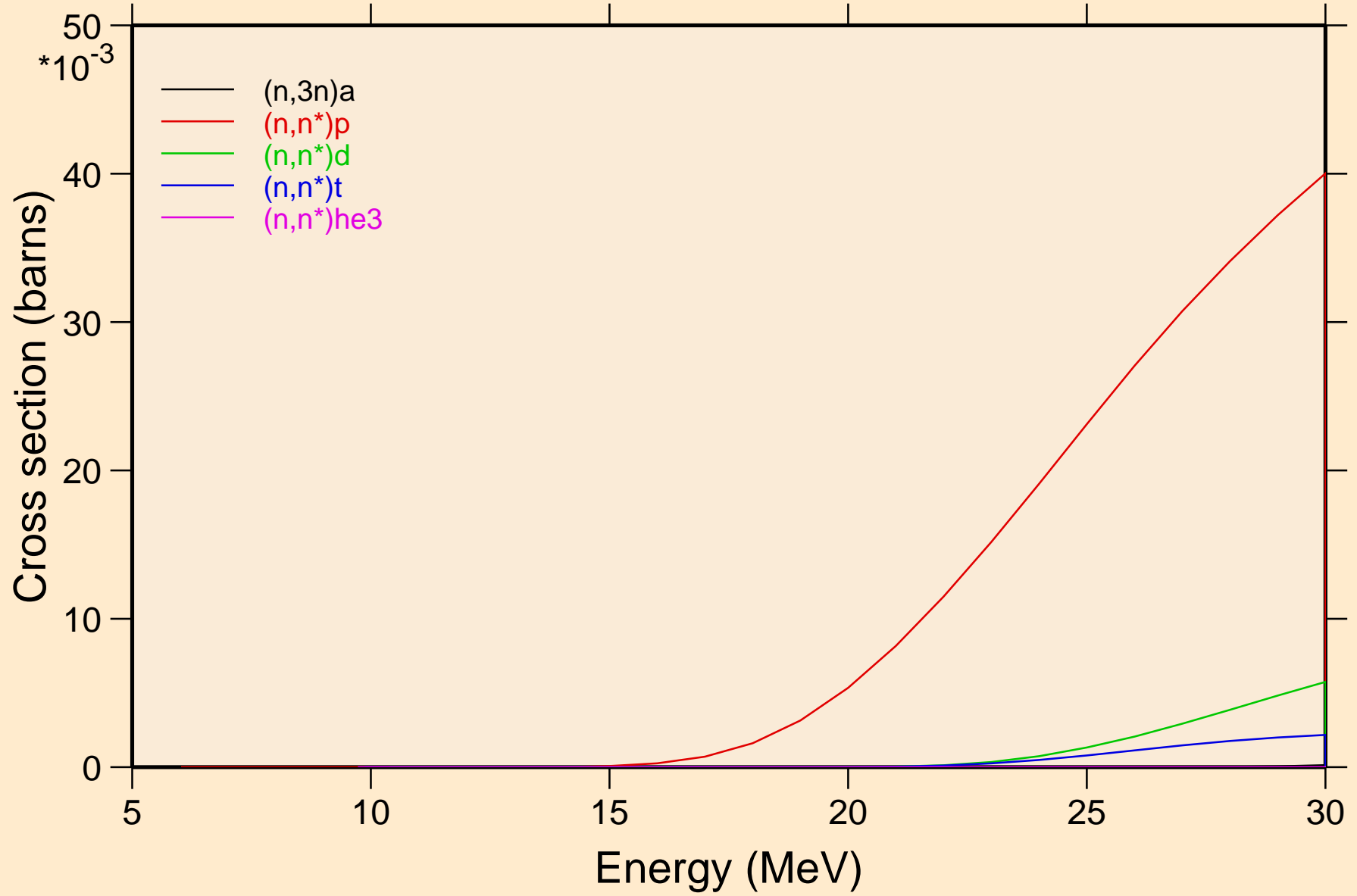




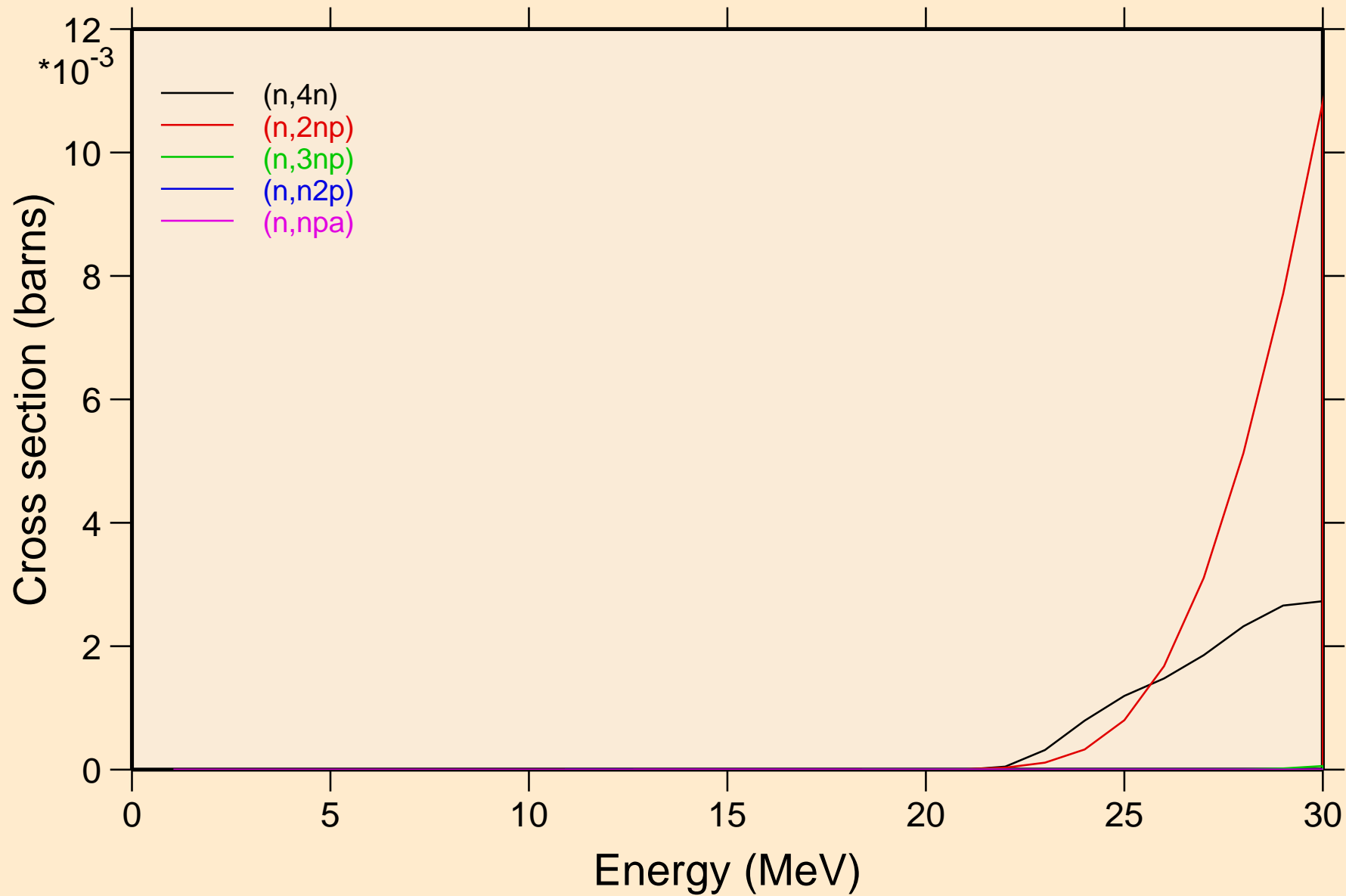
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Threshold reactions



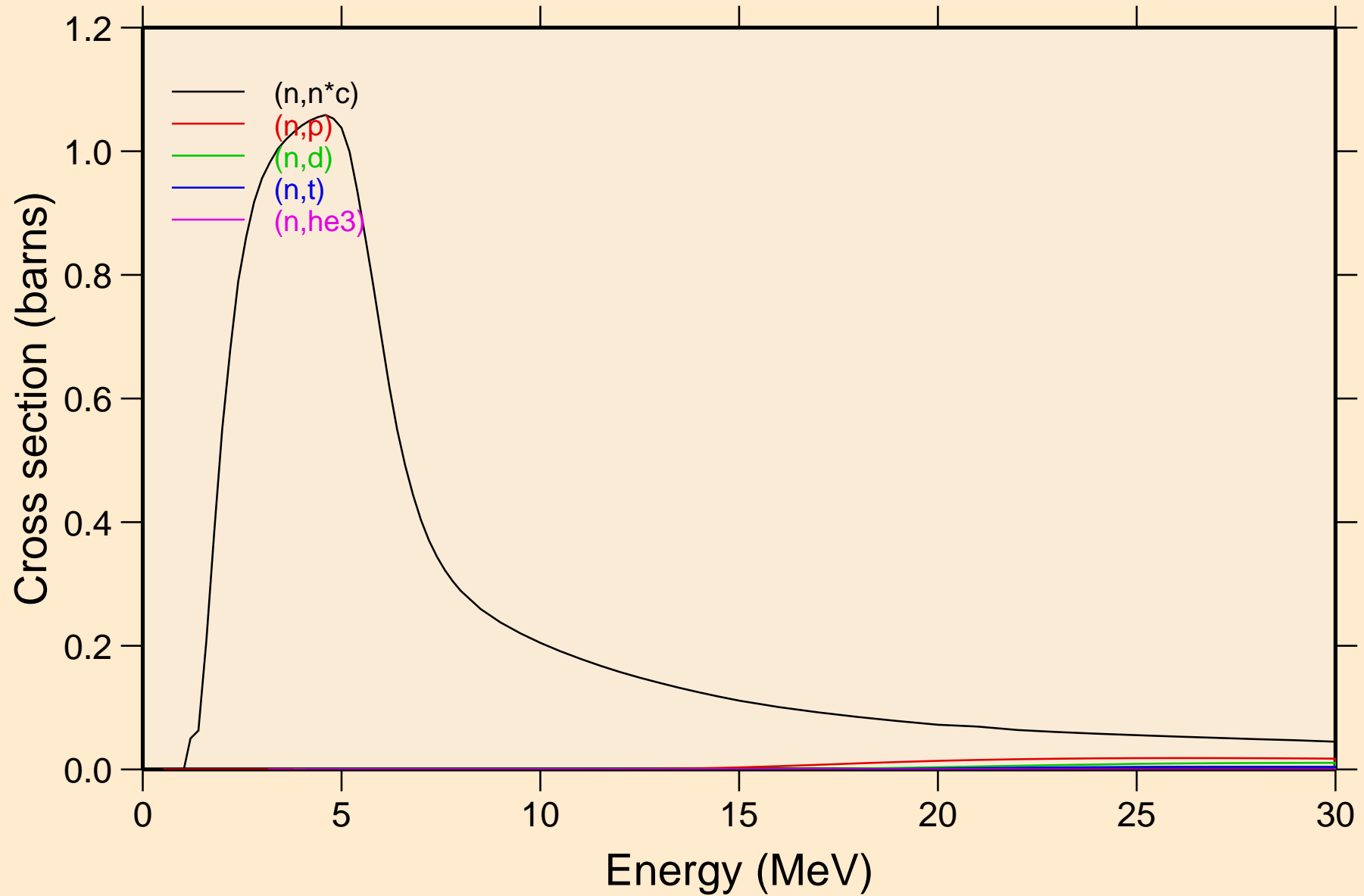
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Threshold reactions



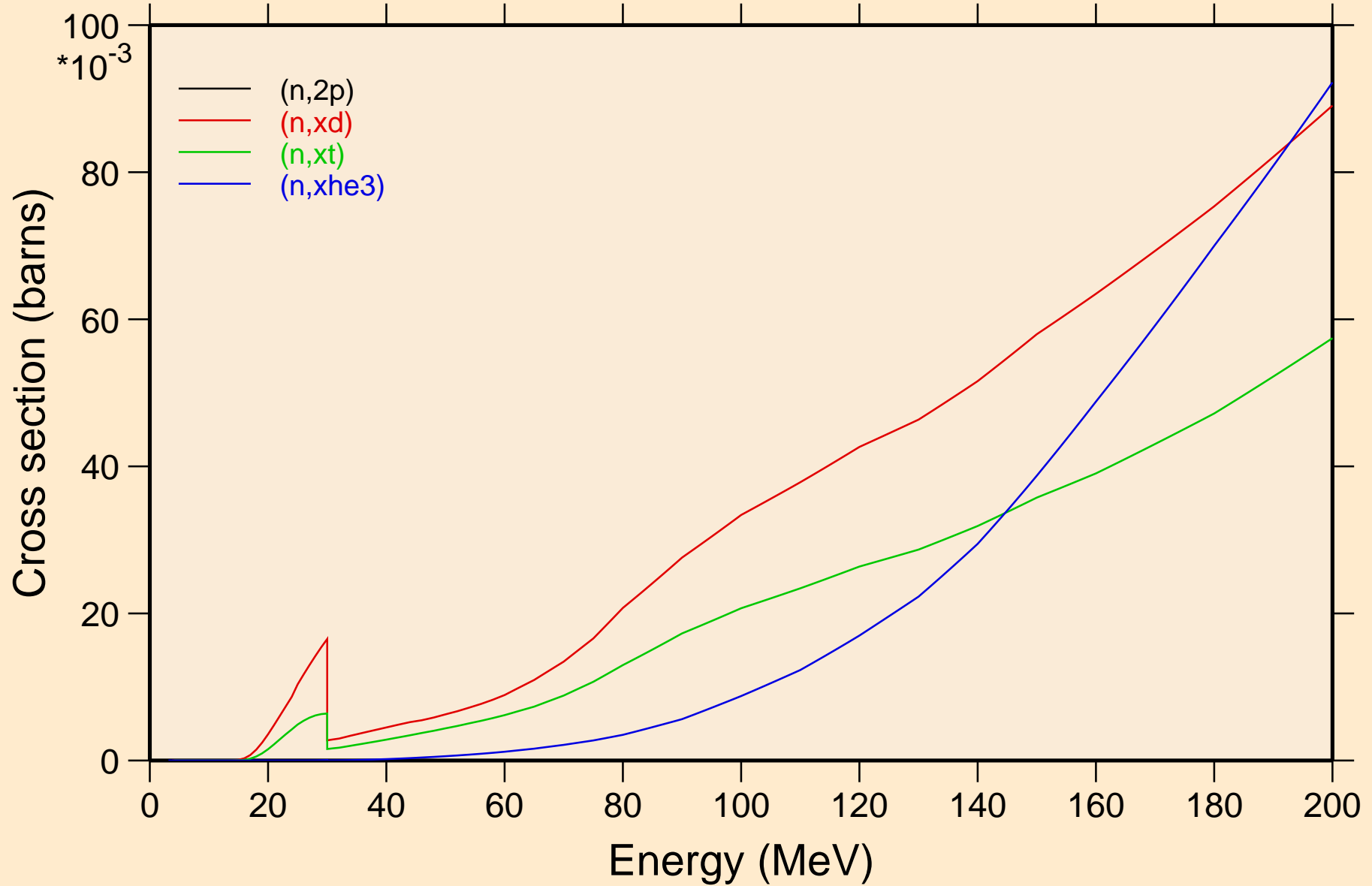
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



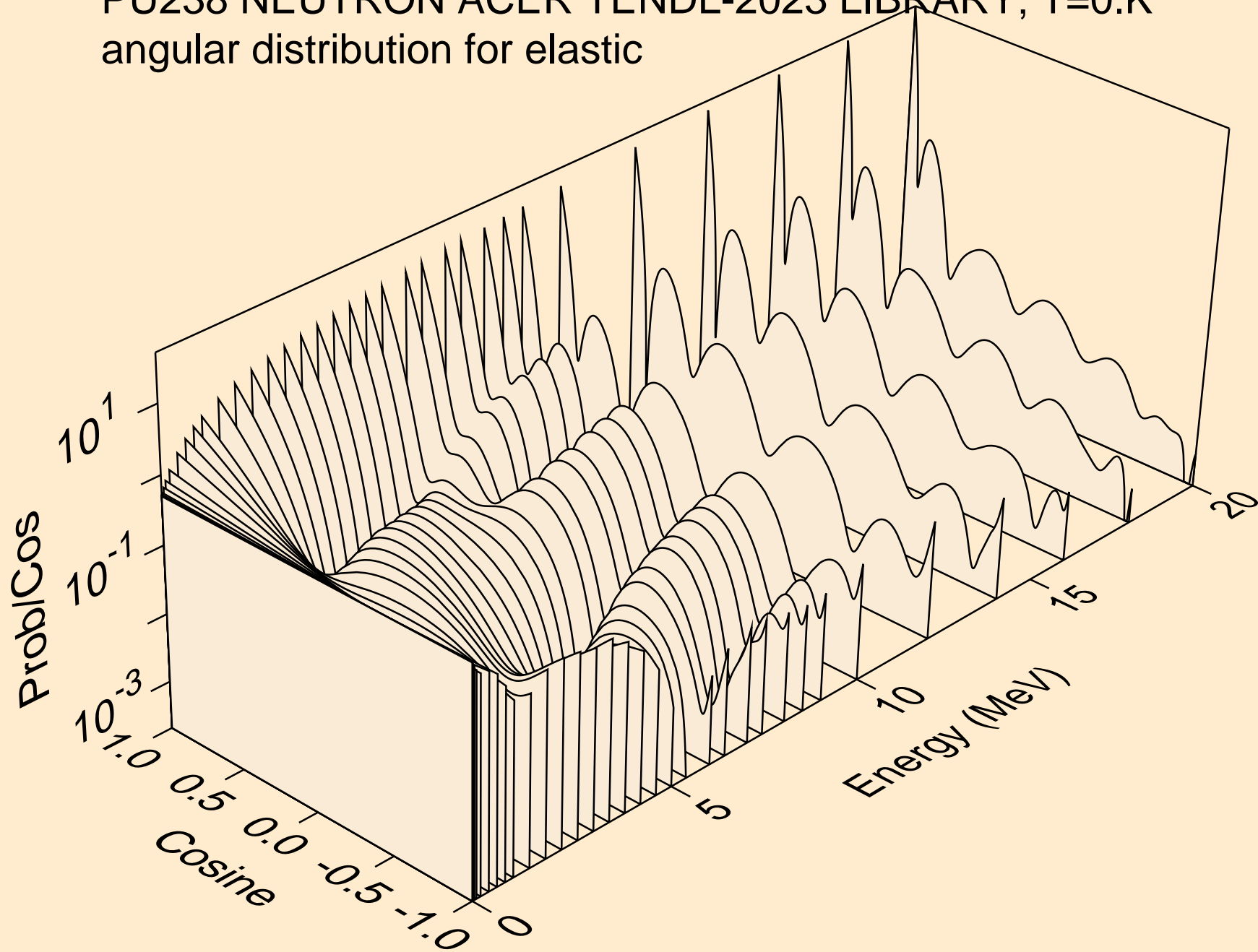
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Threshold reactions



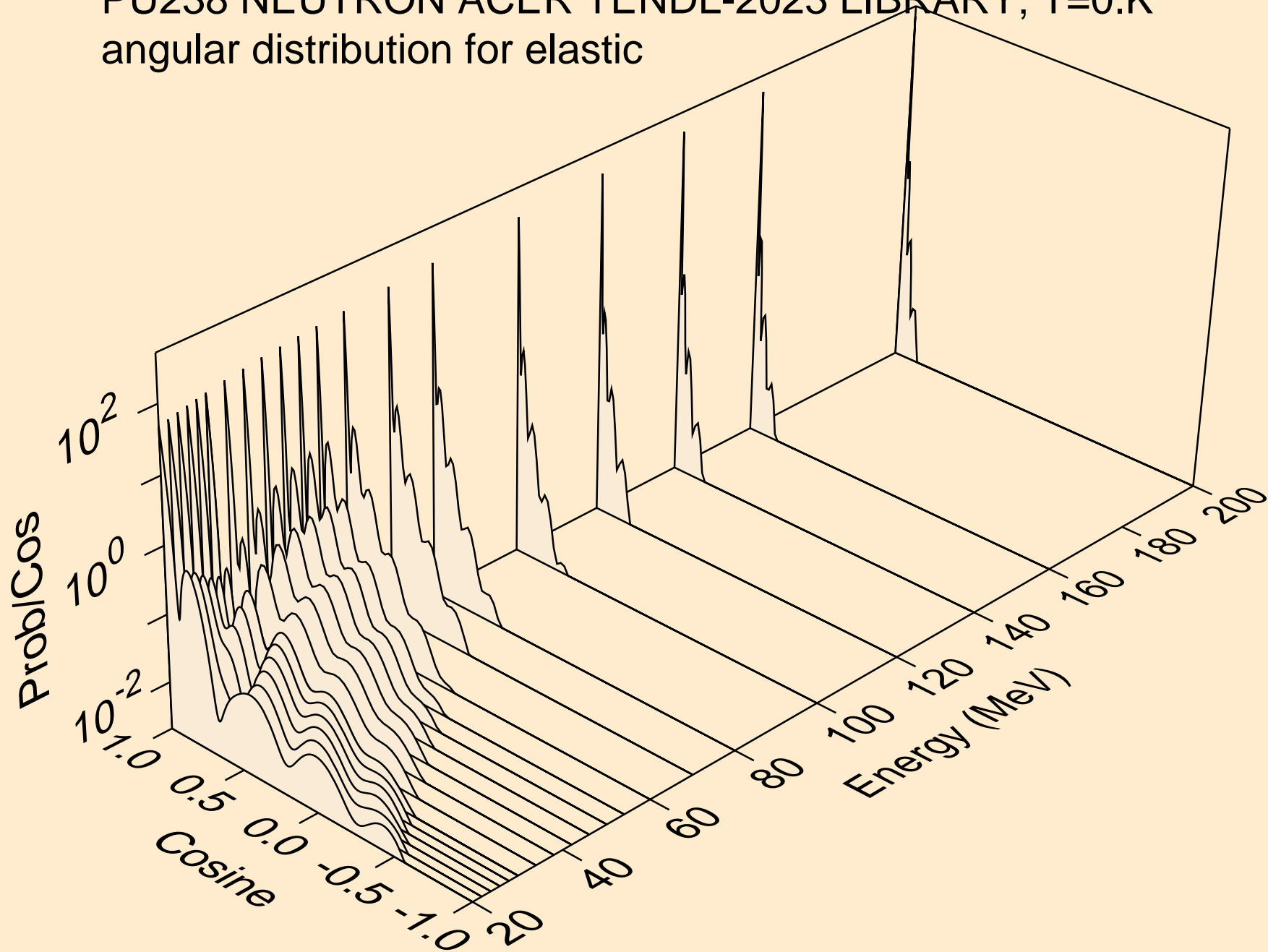
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Threshold reactions



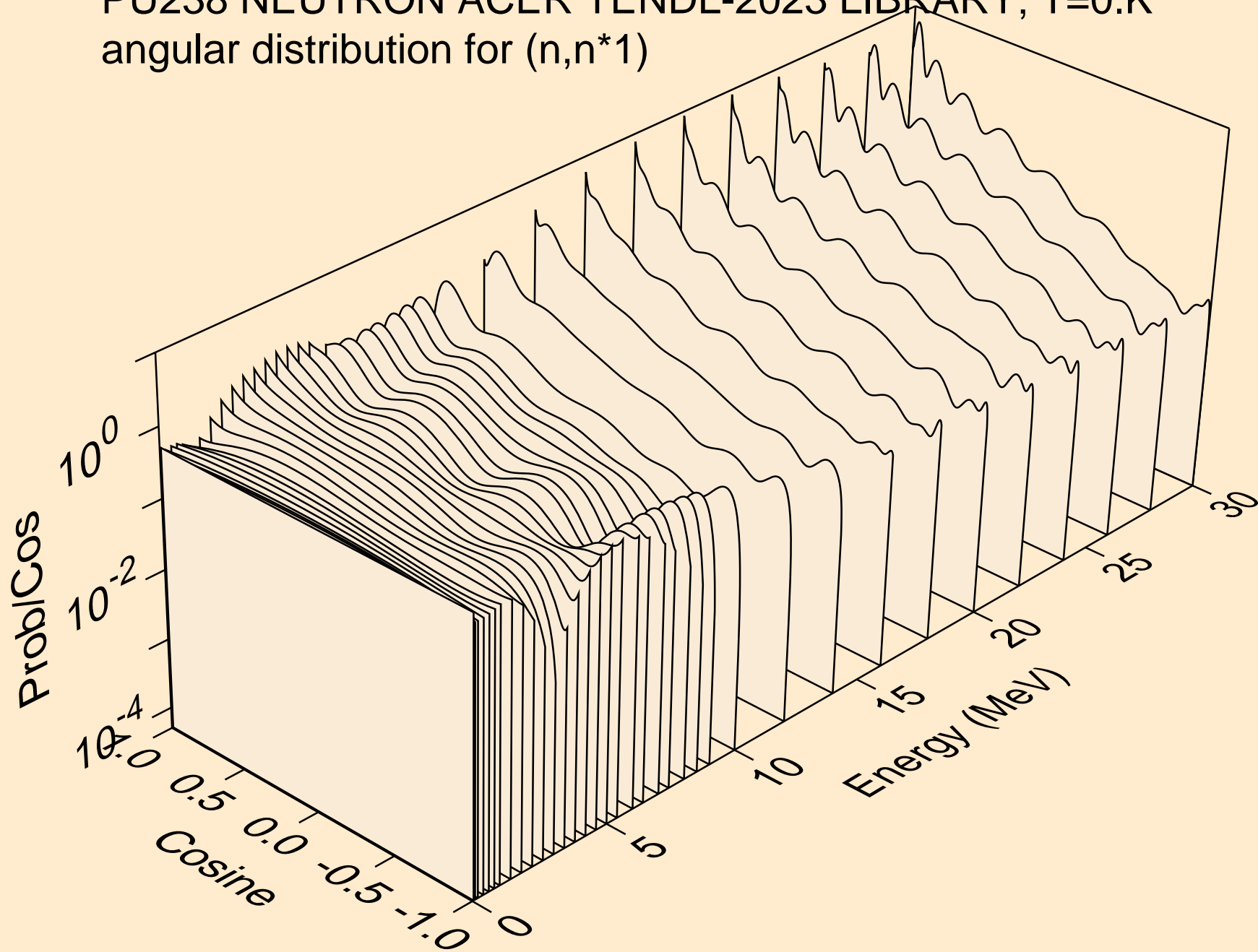
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

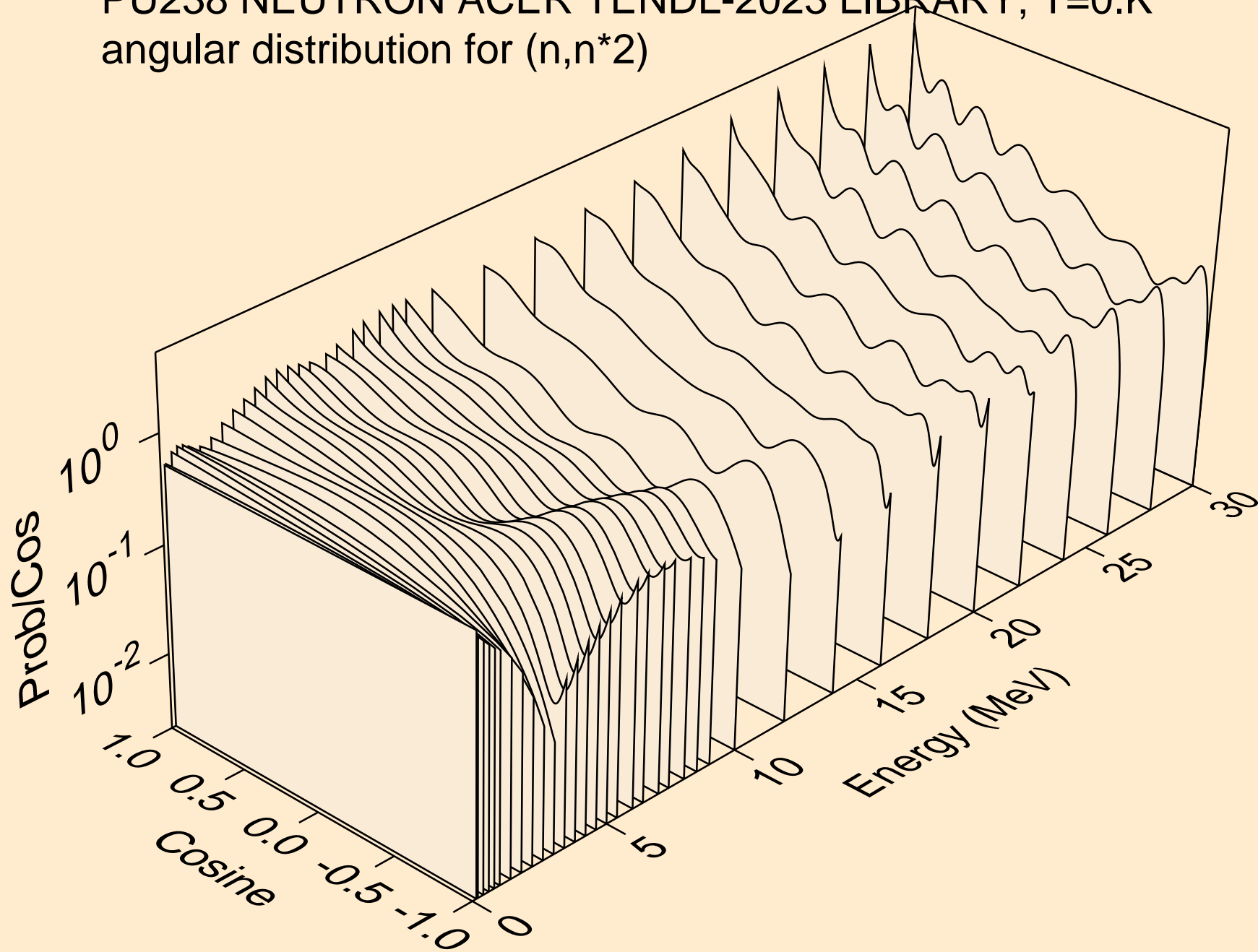


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

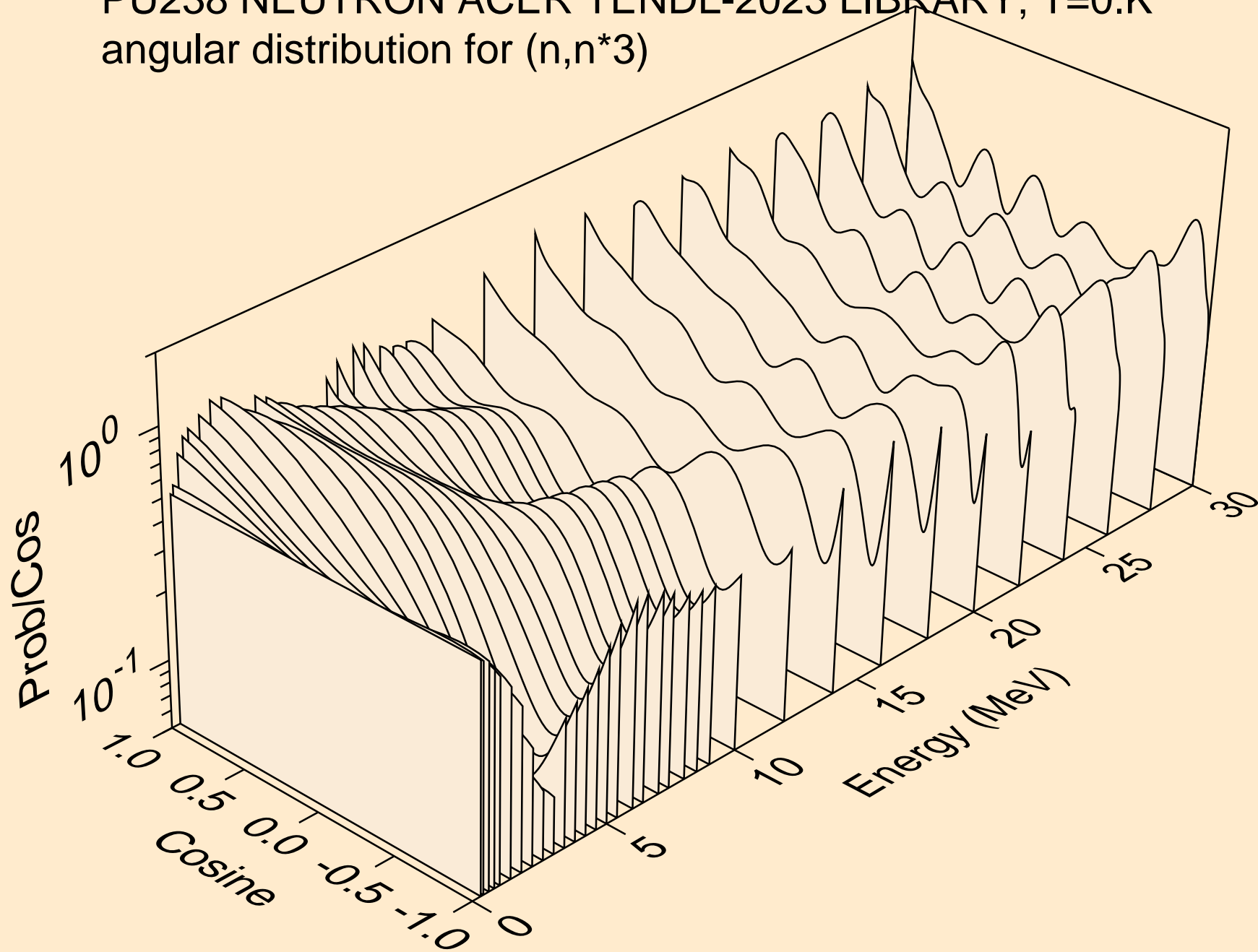




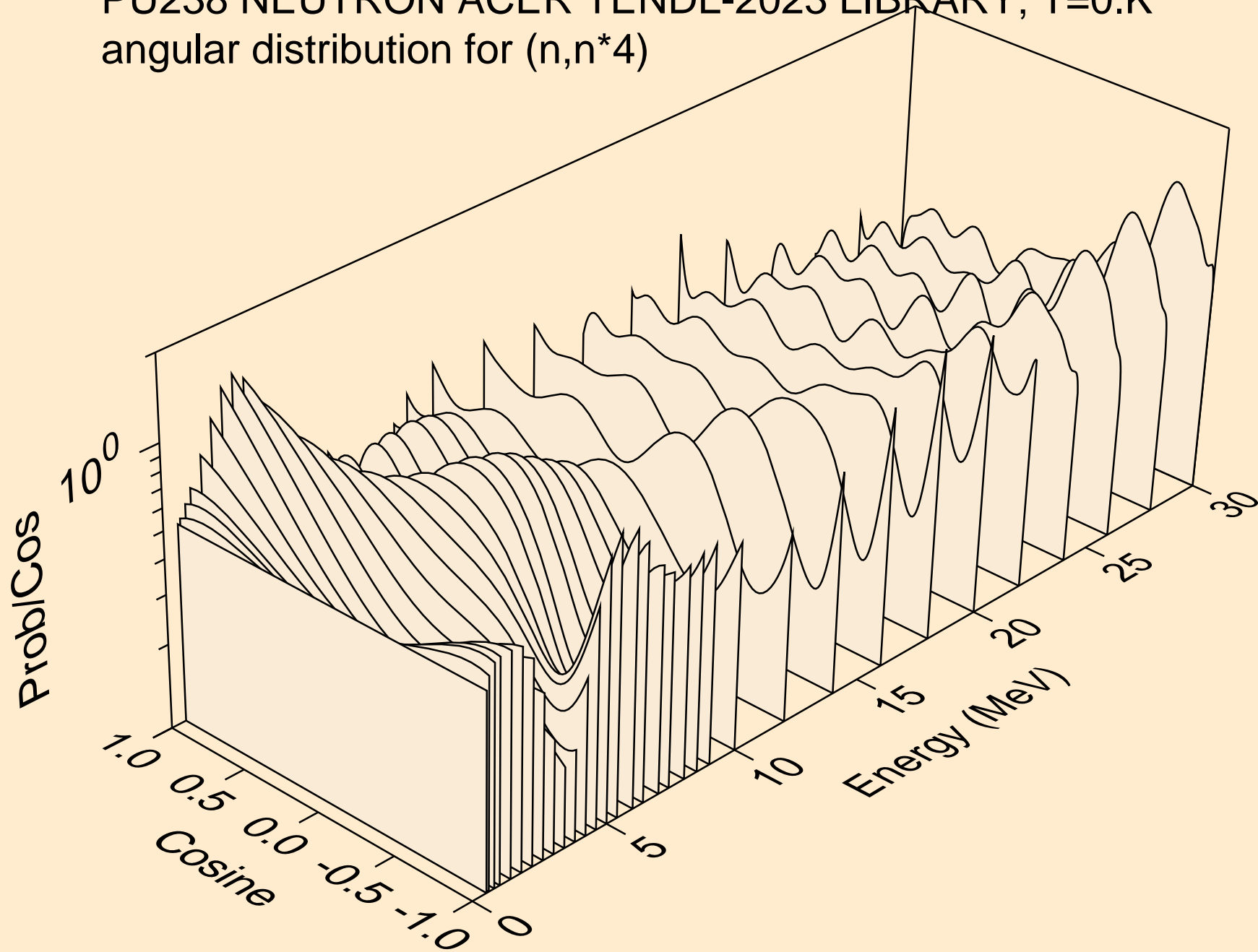
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angular distribution for (n,n\*2)



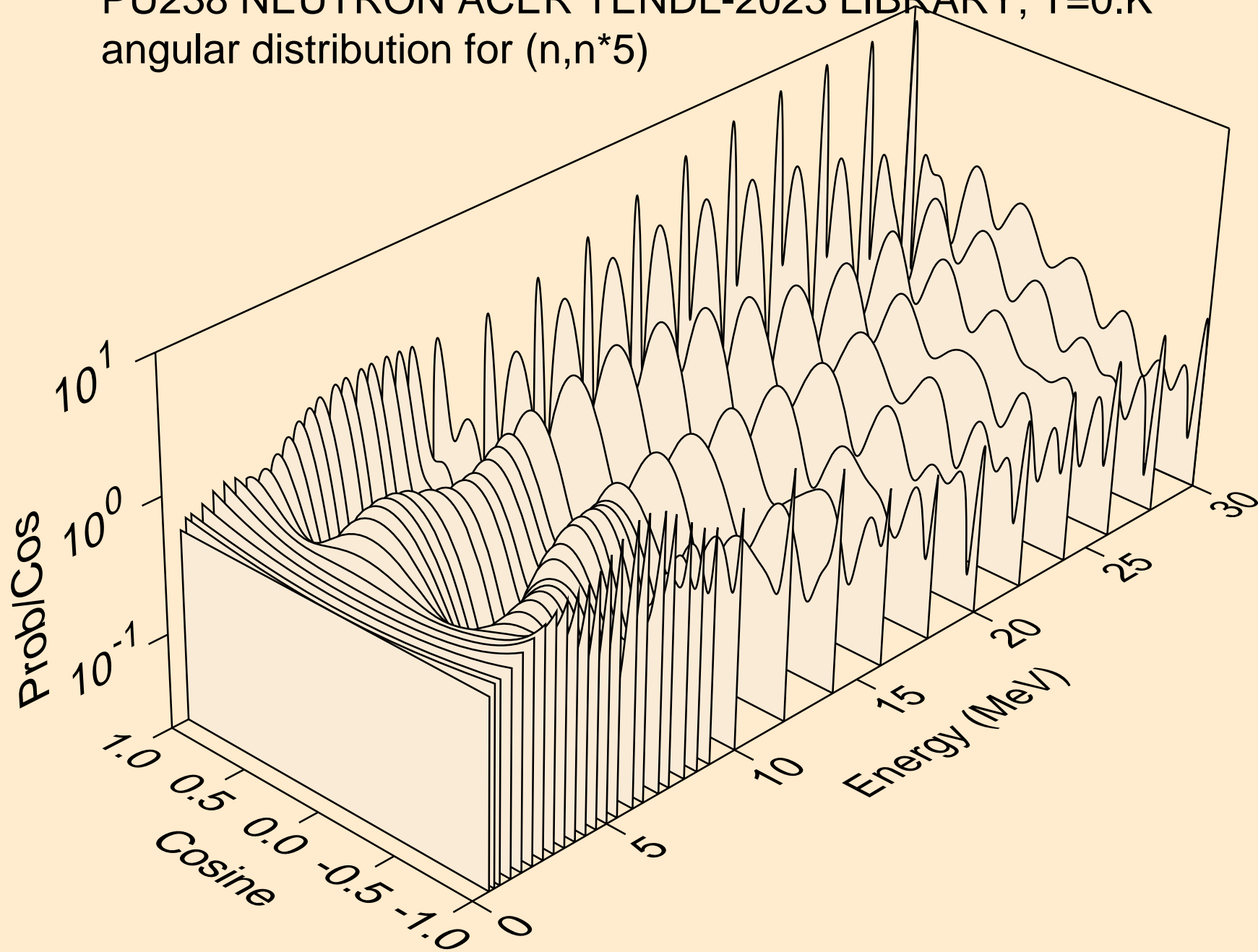
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angular distribution for (n,n\*3)



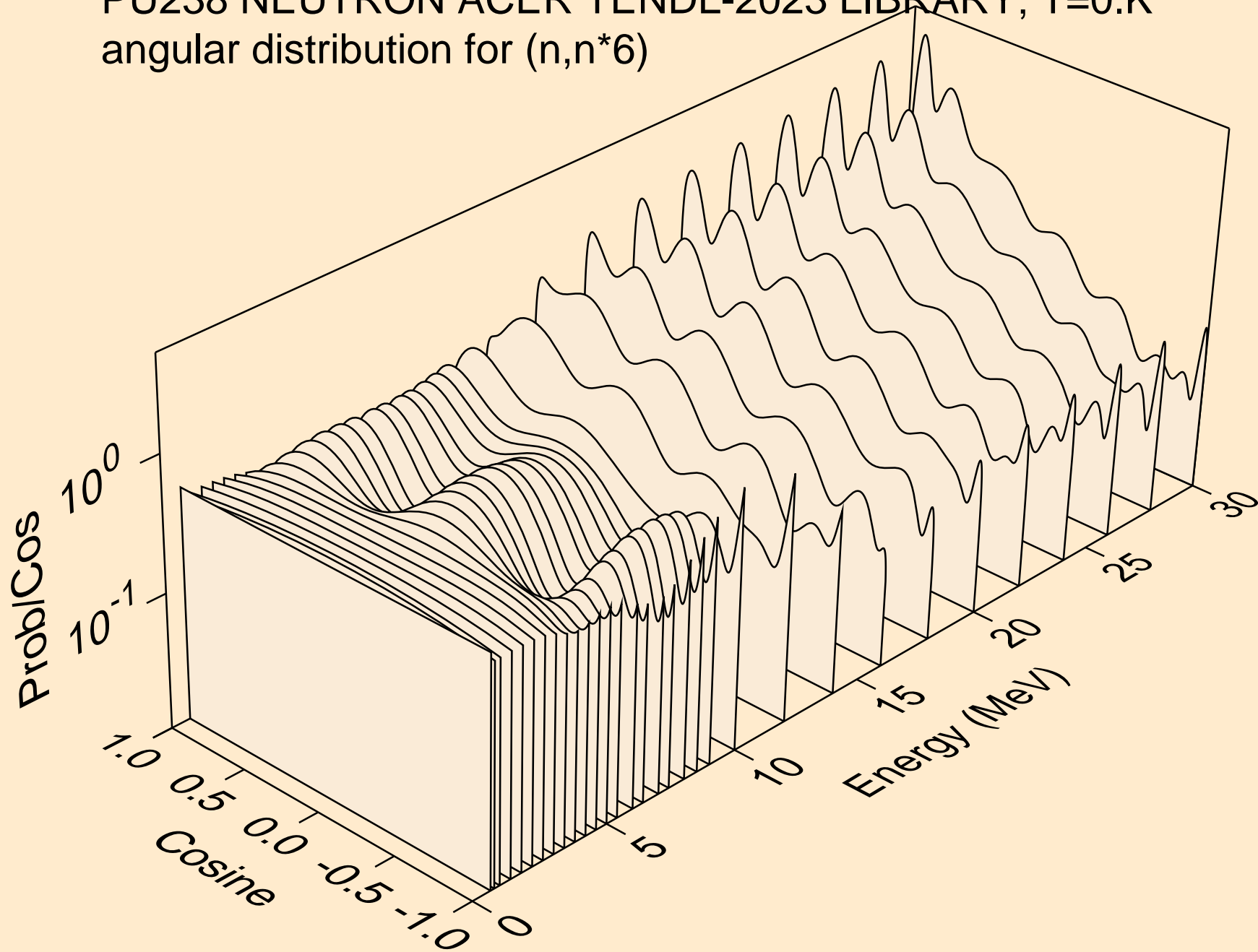
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angular distribution for (n,n\*4)



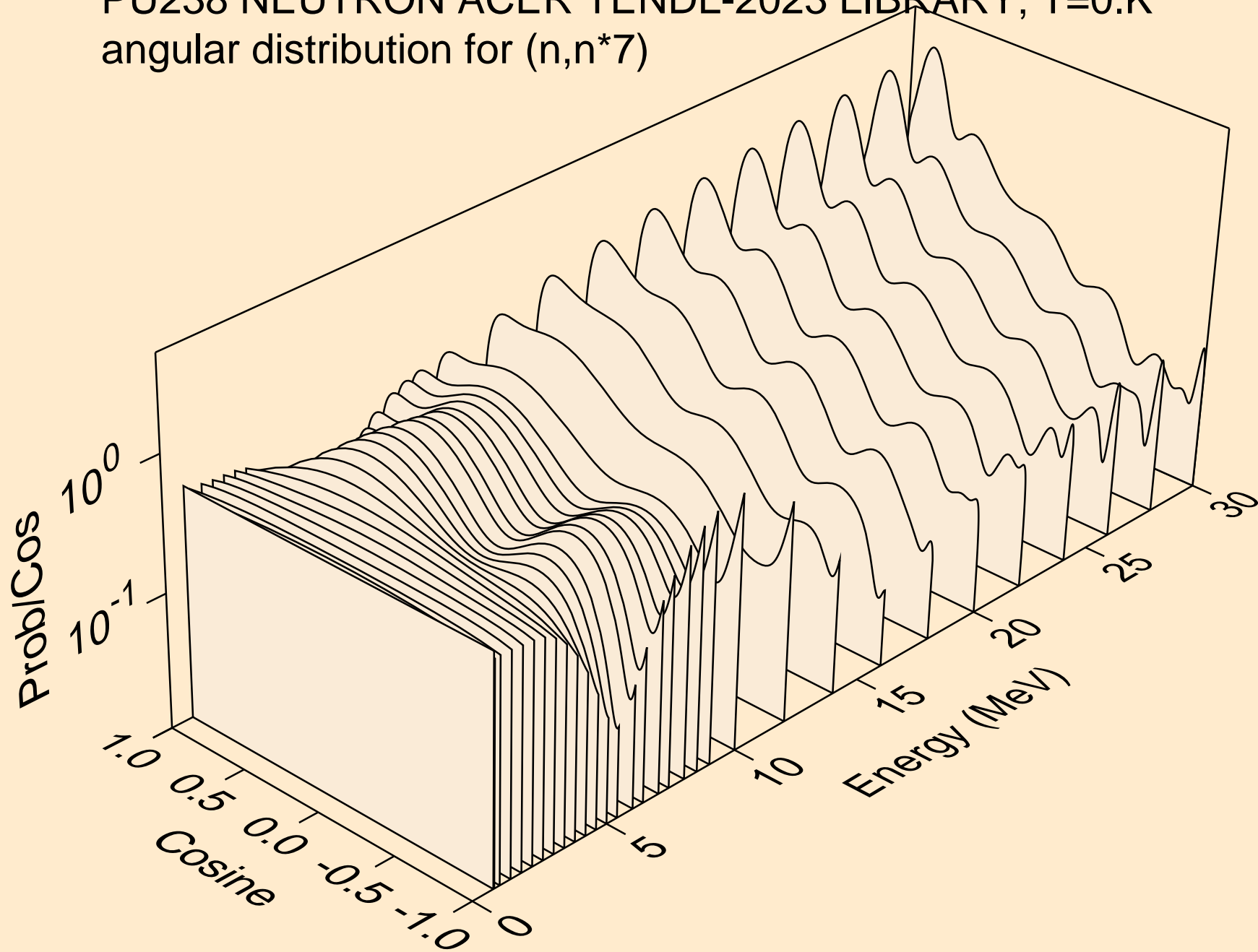
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angular distribution for (n,n\*5)



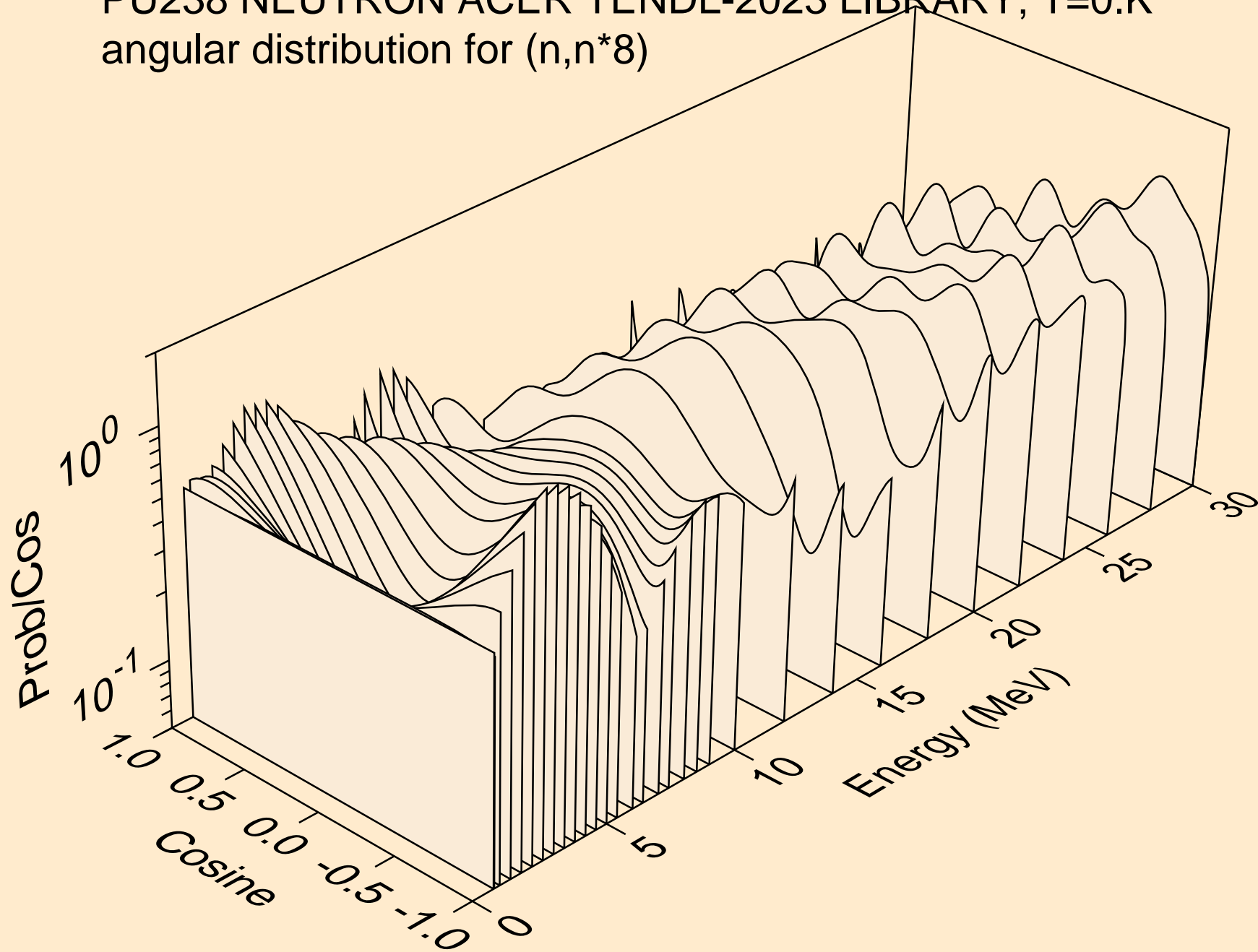
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angular distribution for (n,n\*6)



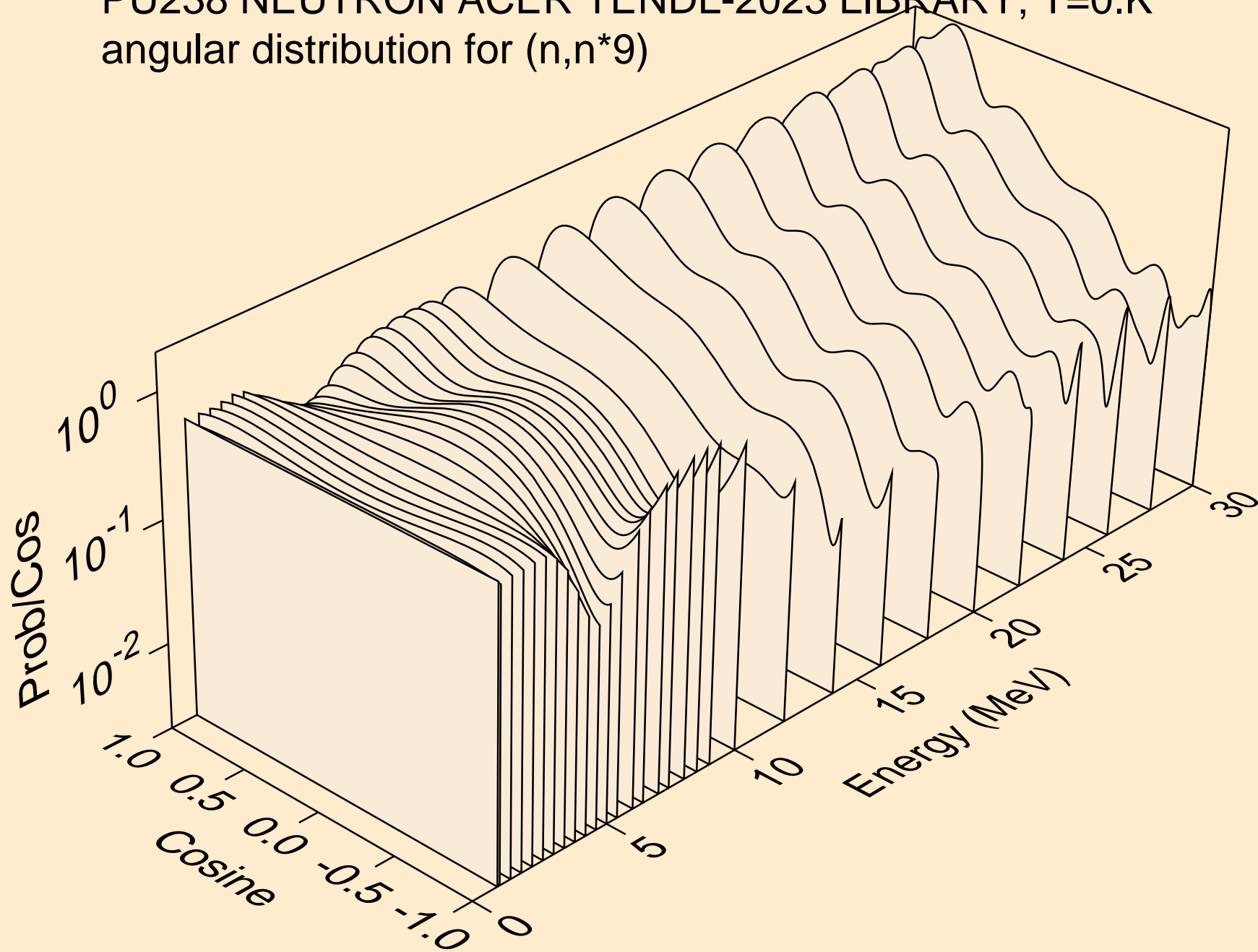
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

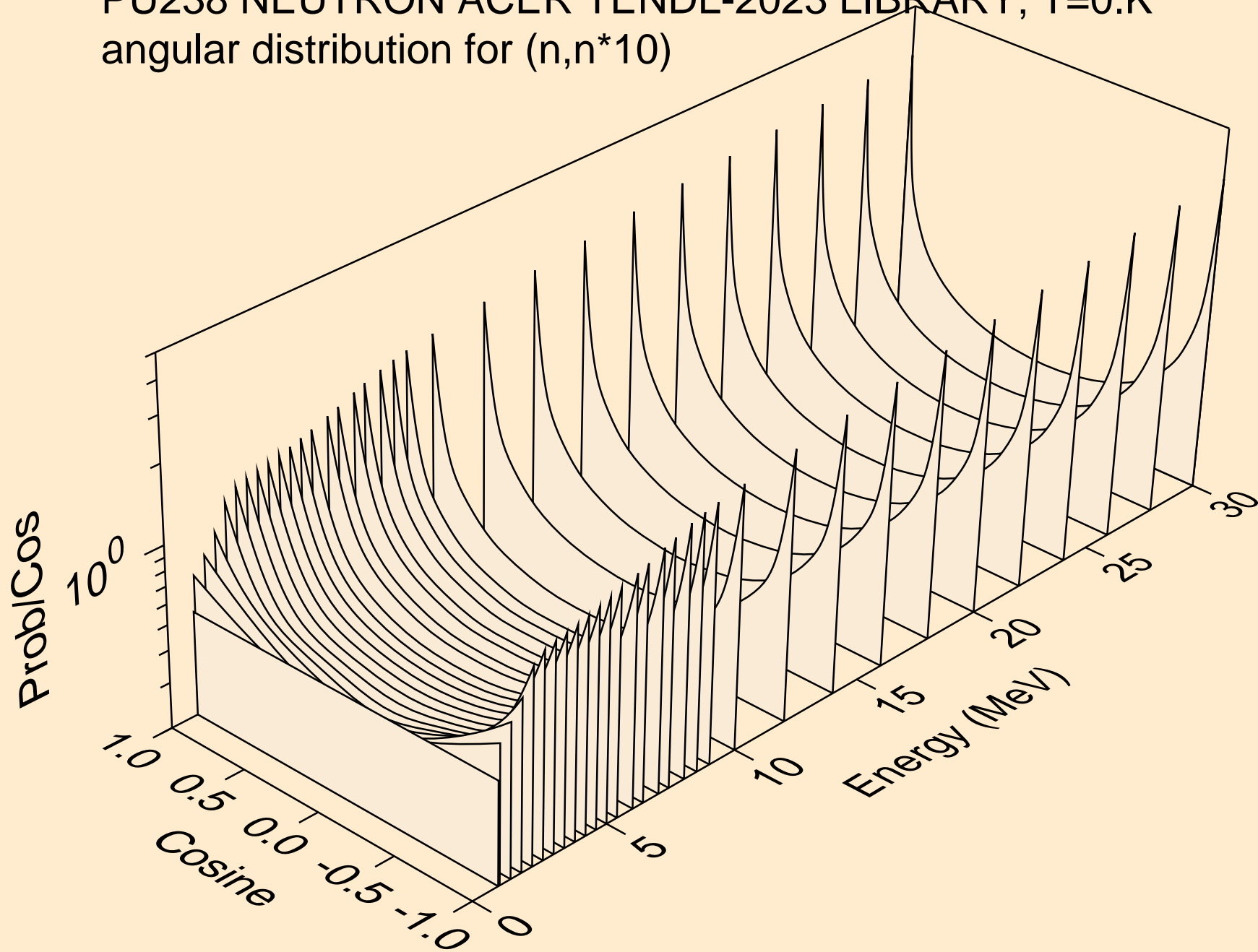


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

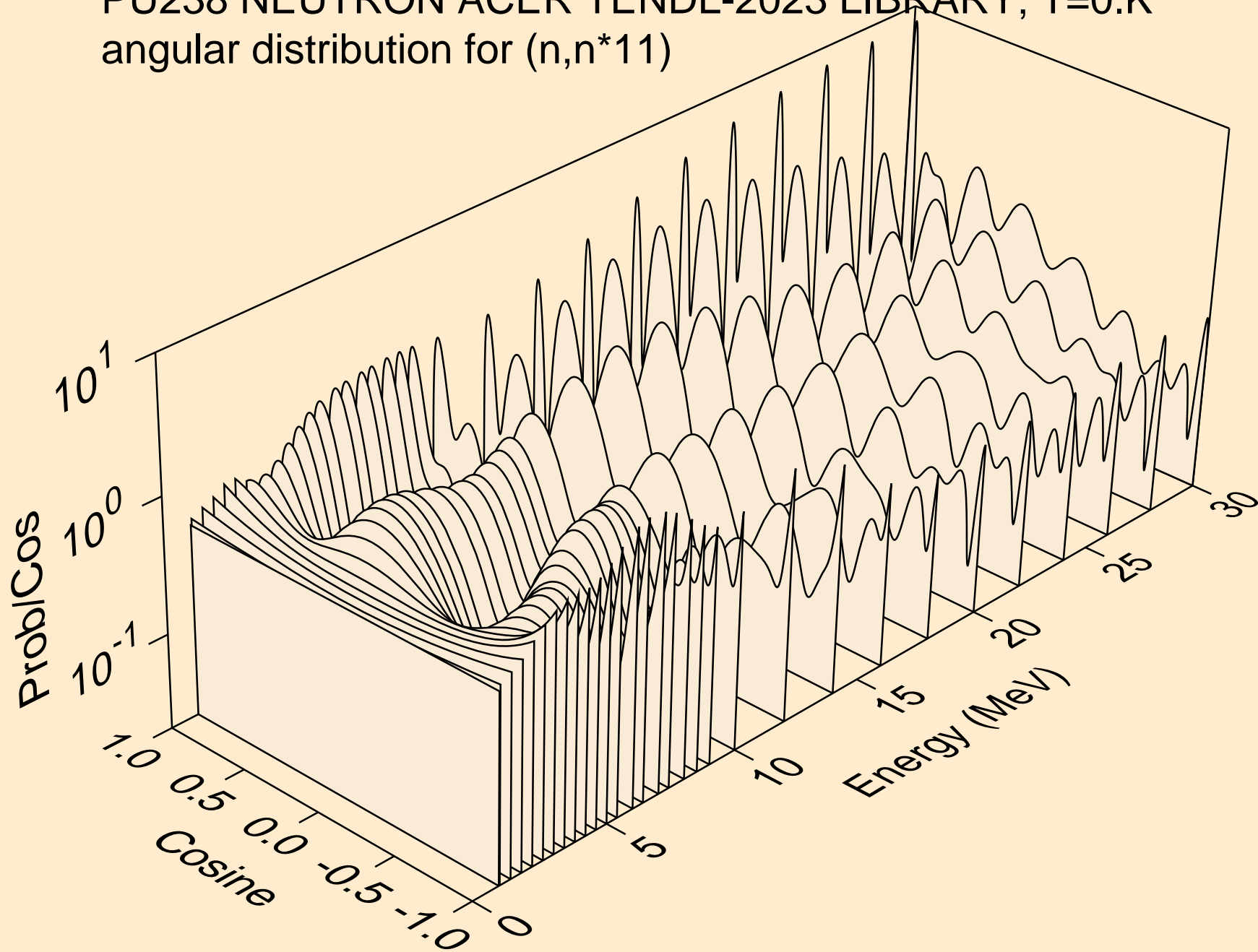




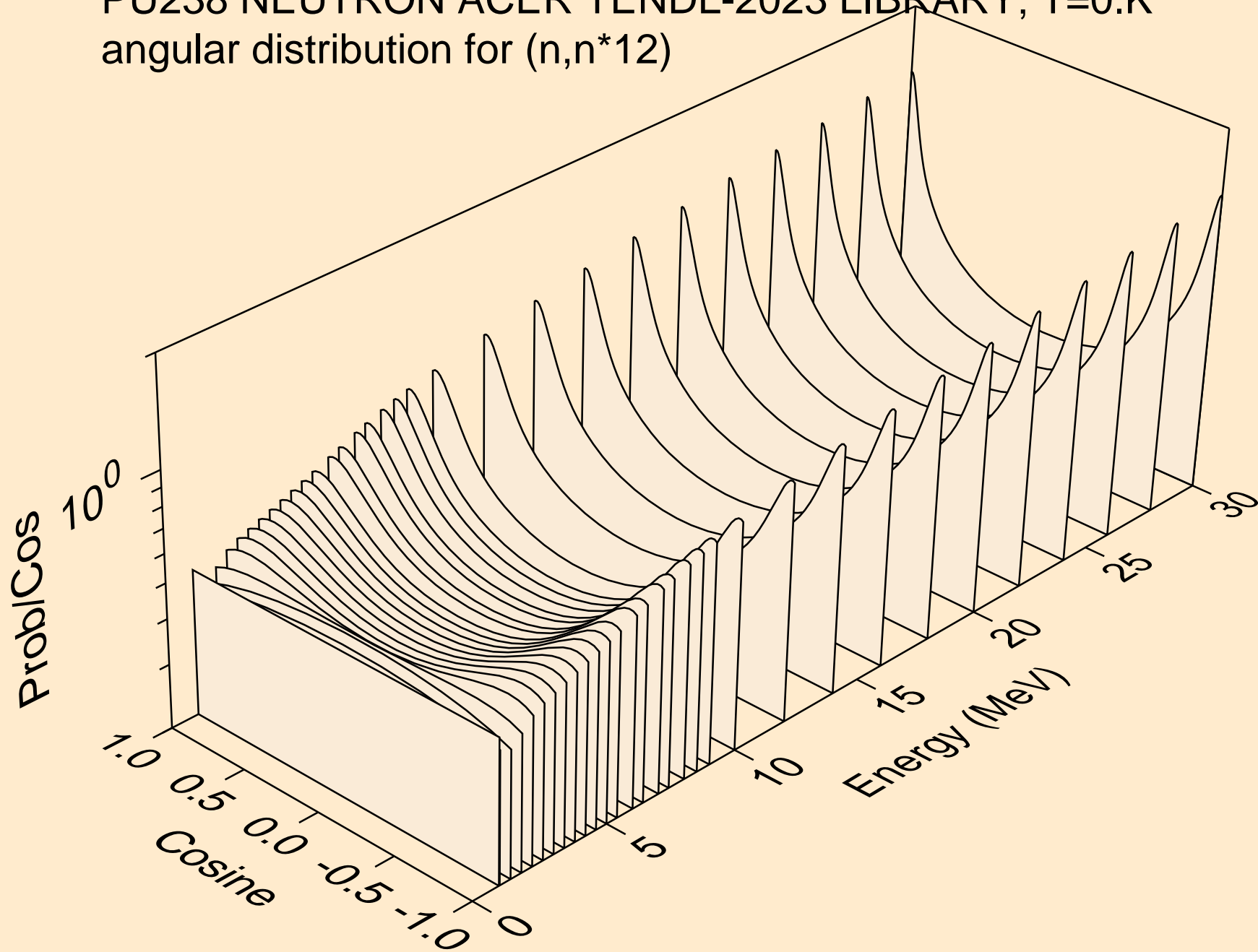
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angular distribution for (n,n\*10)



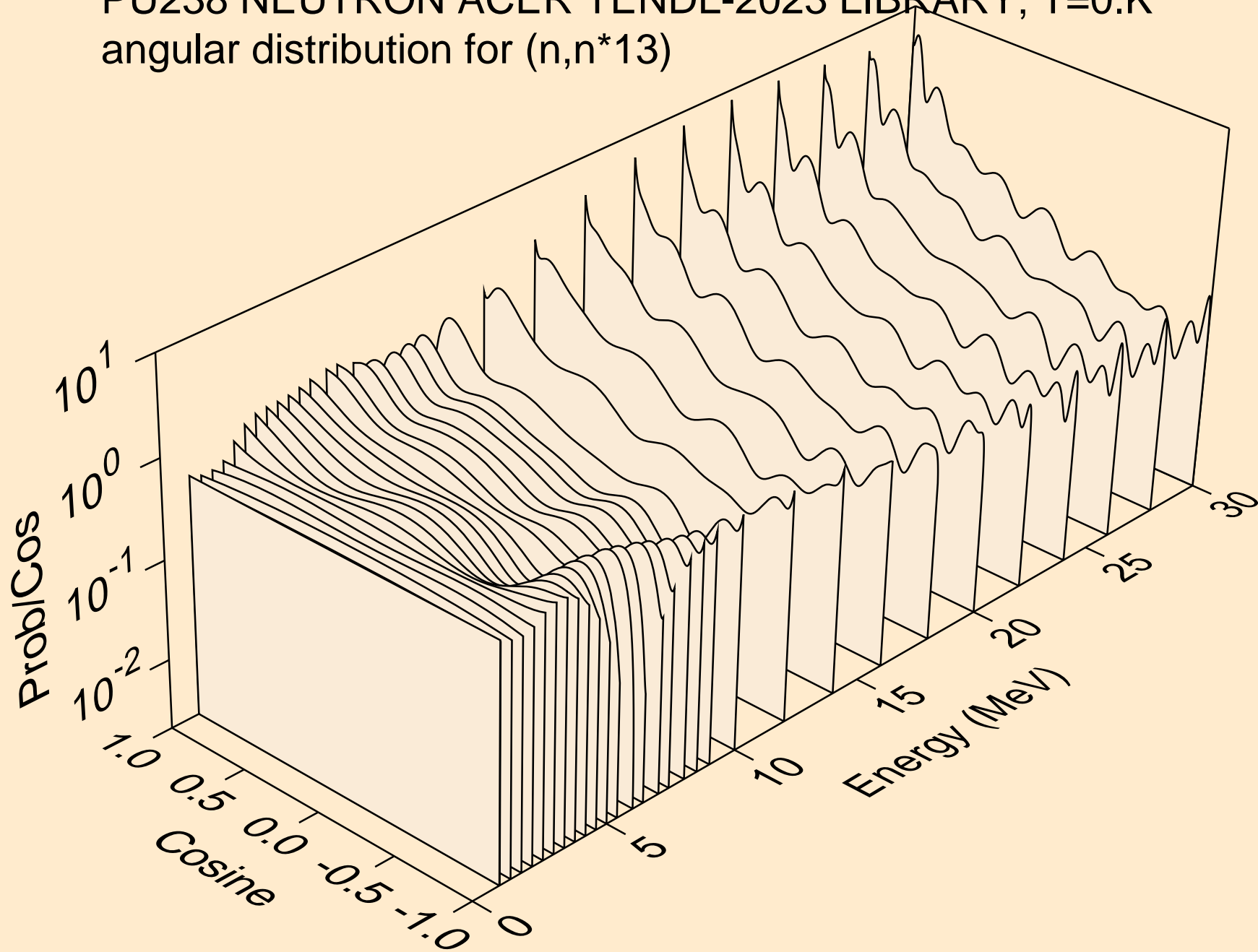
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angular distribution for (n,n\*11)



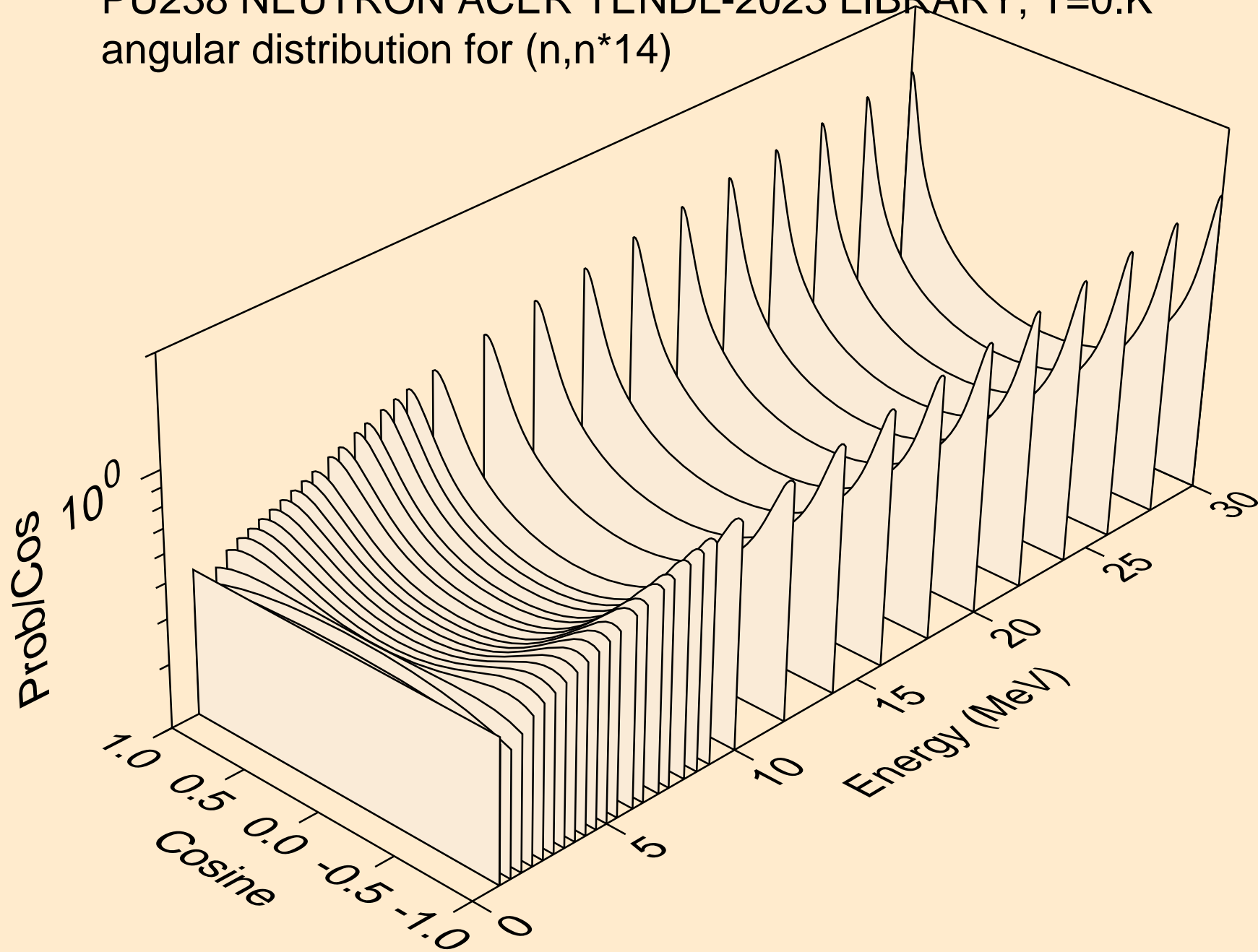
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angular distribution for (n,n\*12)



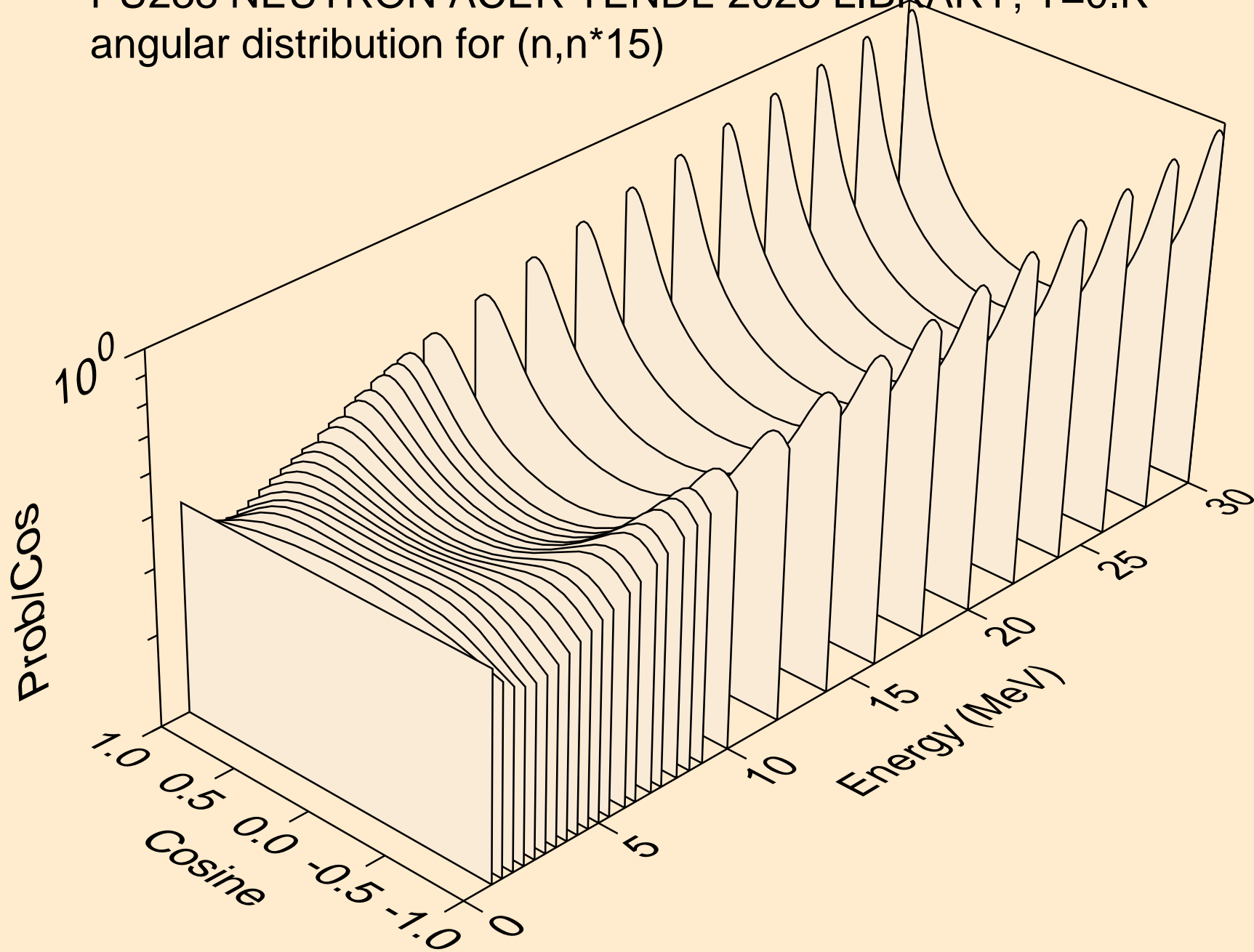
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angular distribution for (n,n\*13)



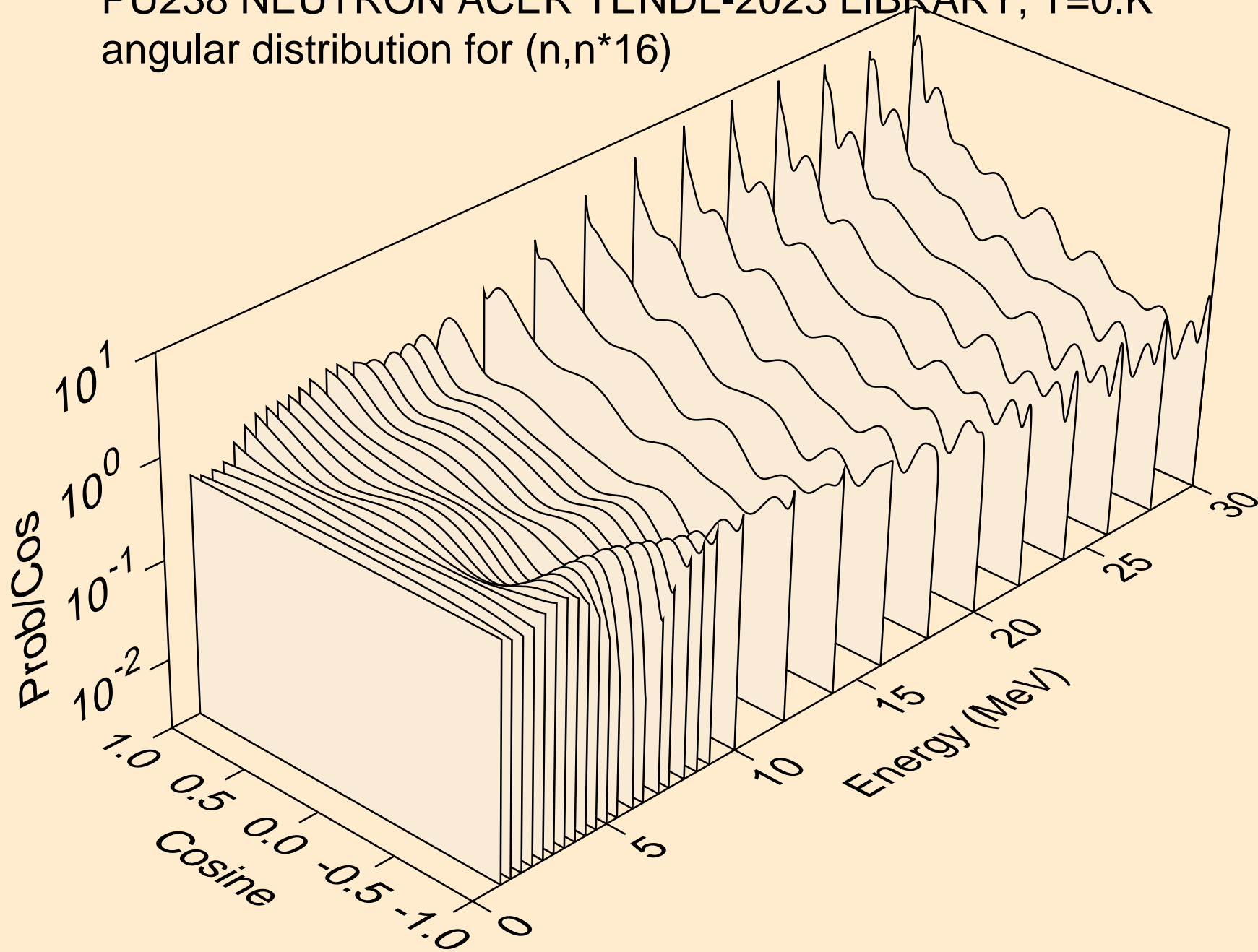
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

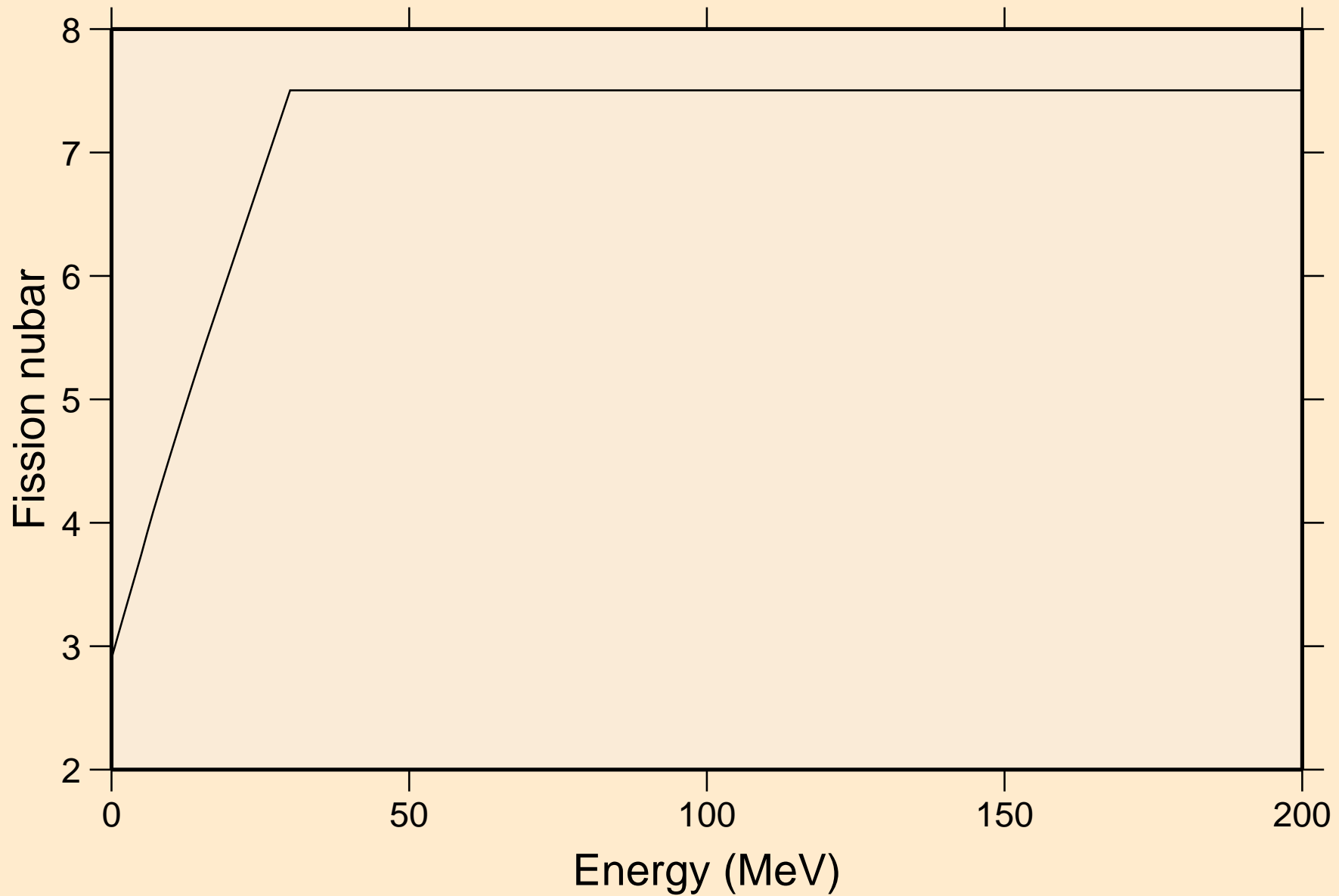


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



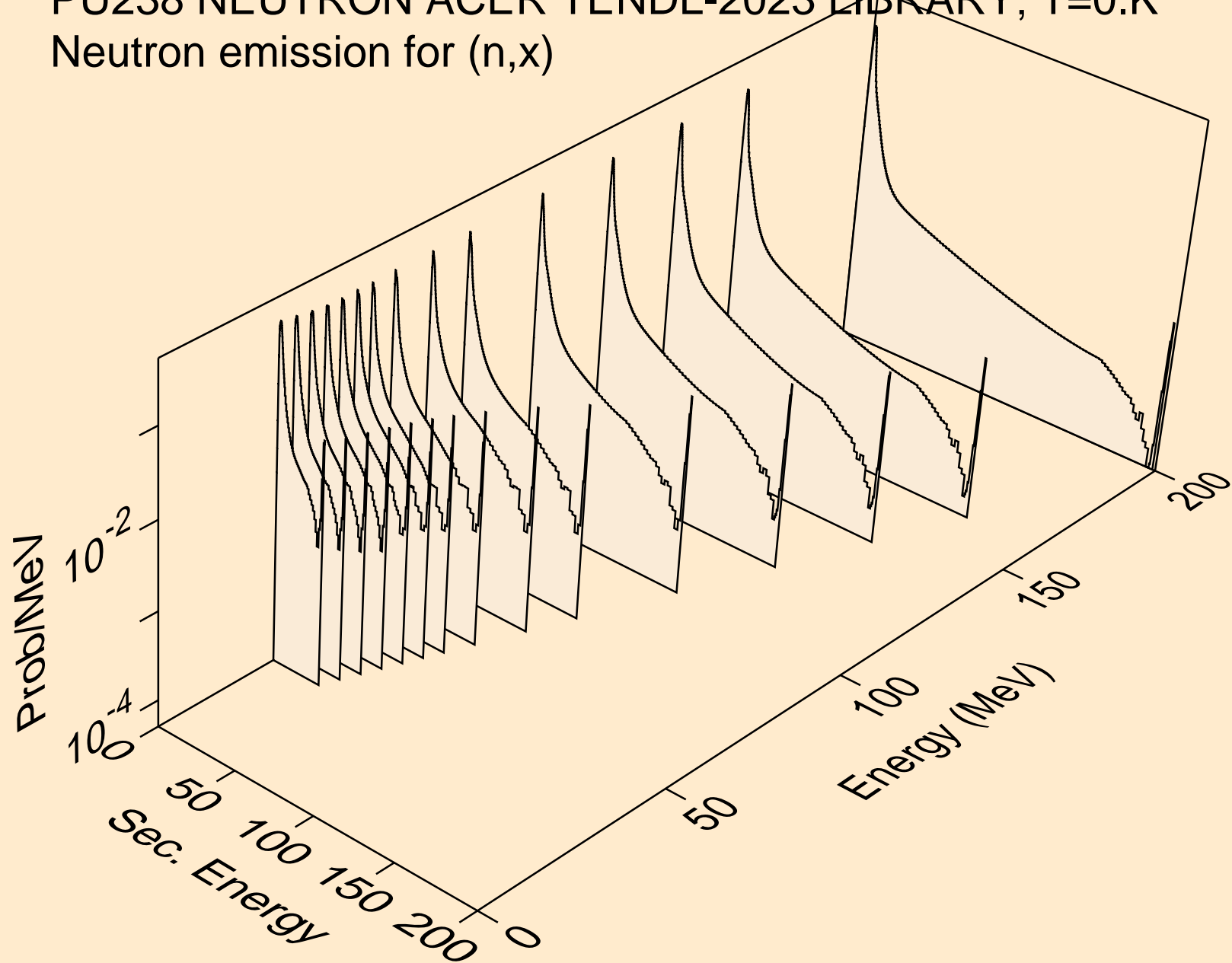
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Total fission nubar

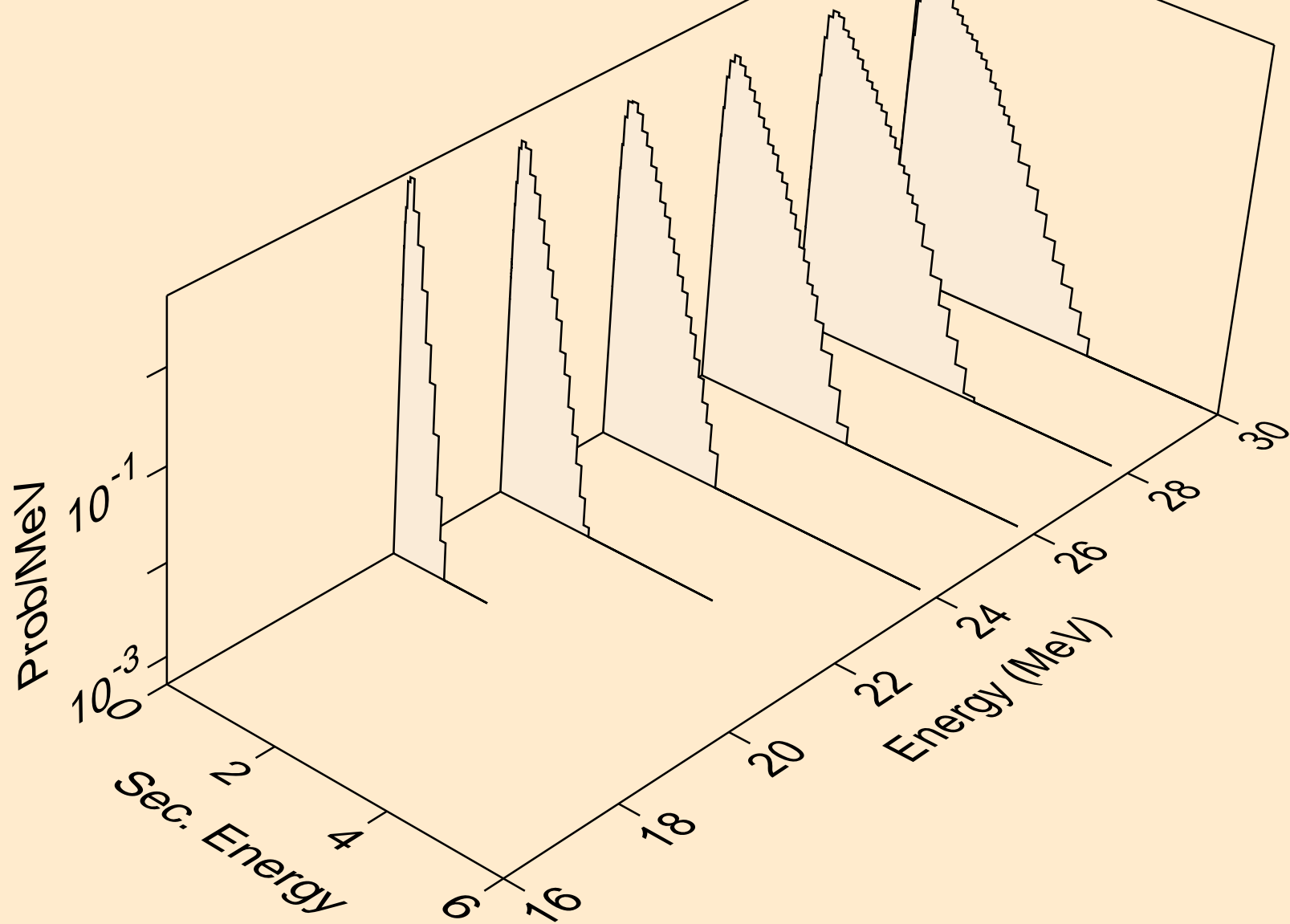




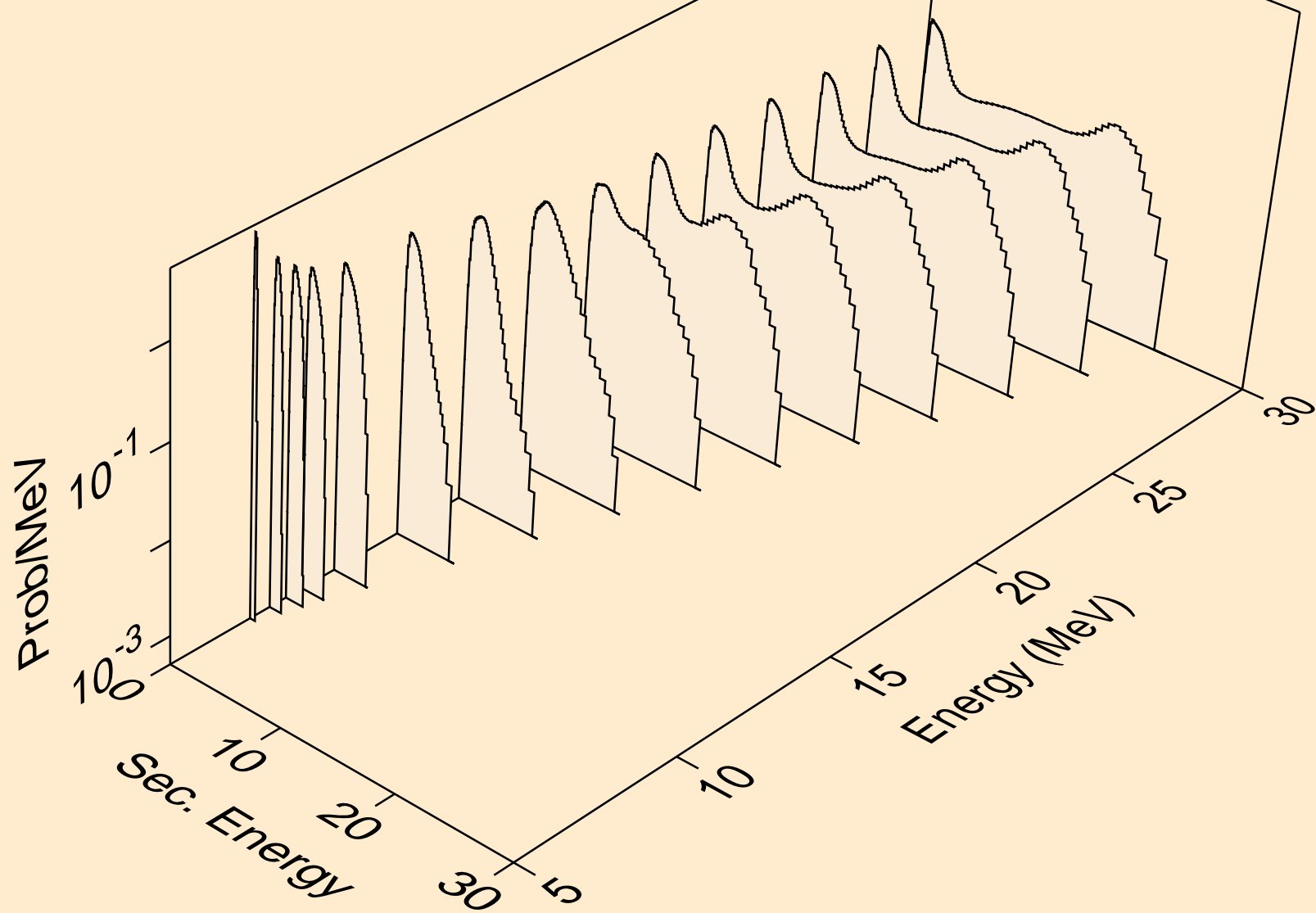
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Neutron emission for (n,x)



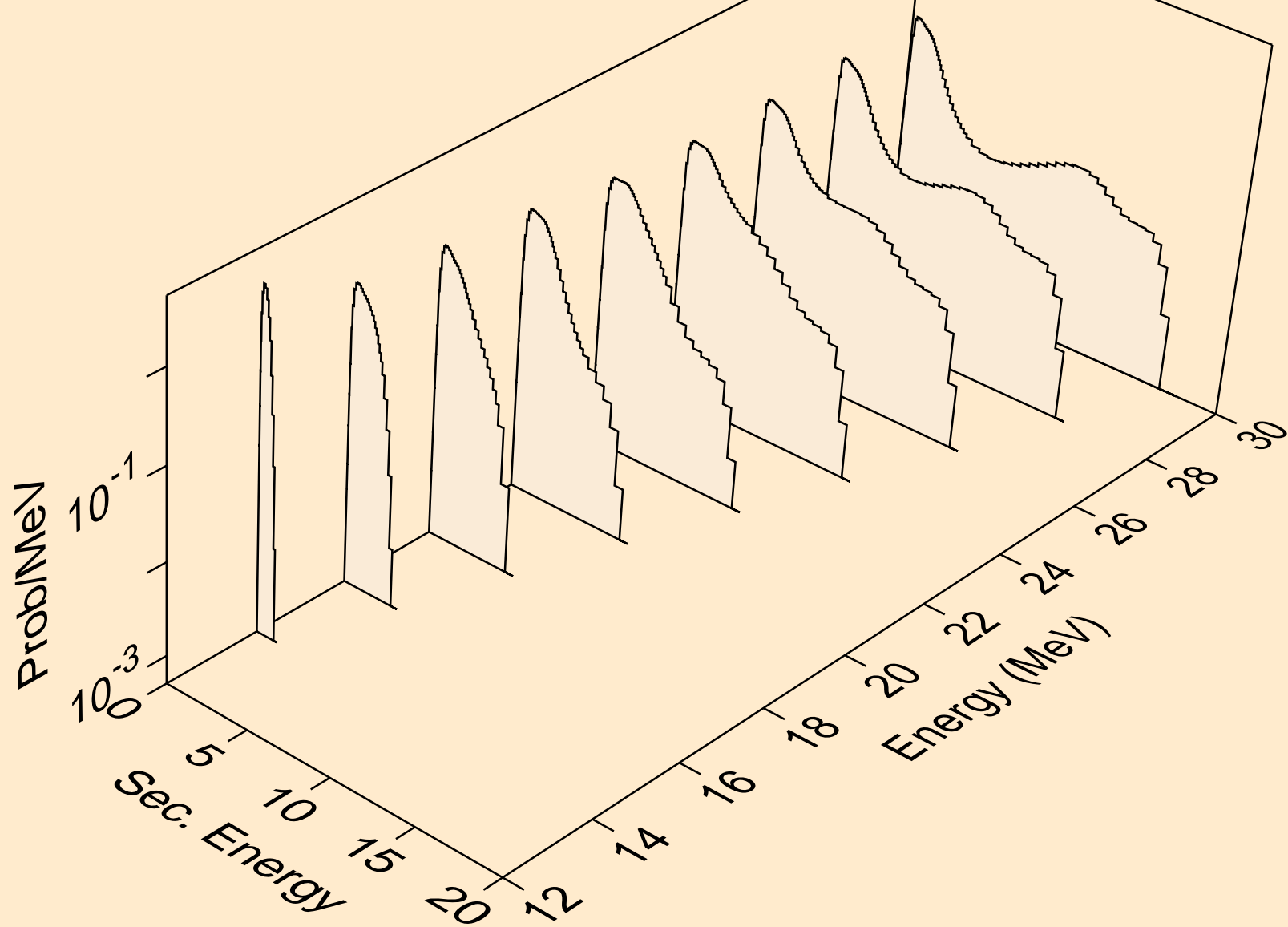
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



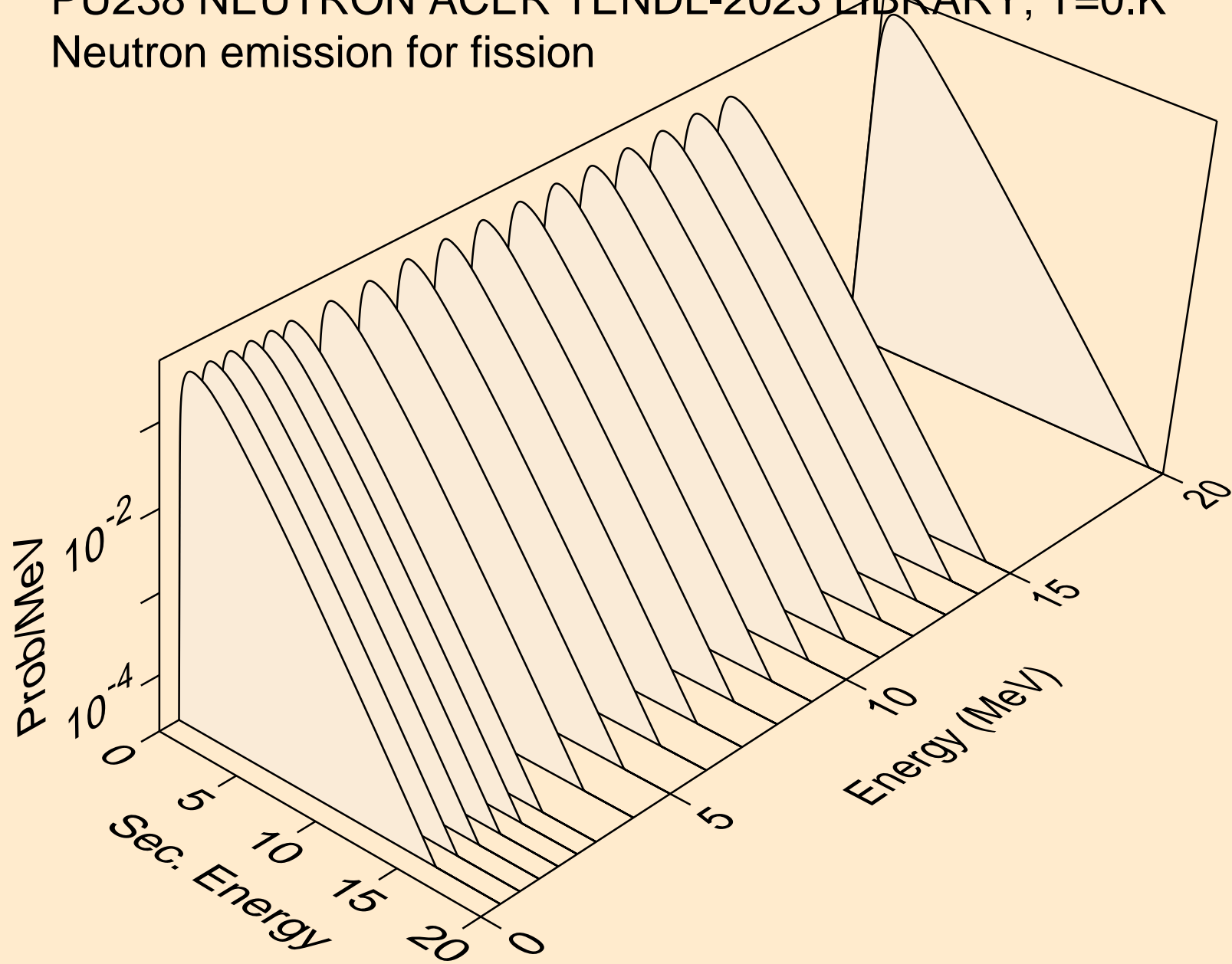
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Neutron emission for (n,2n)



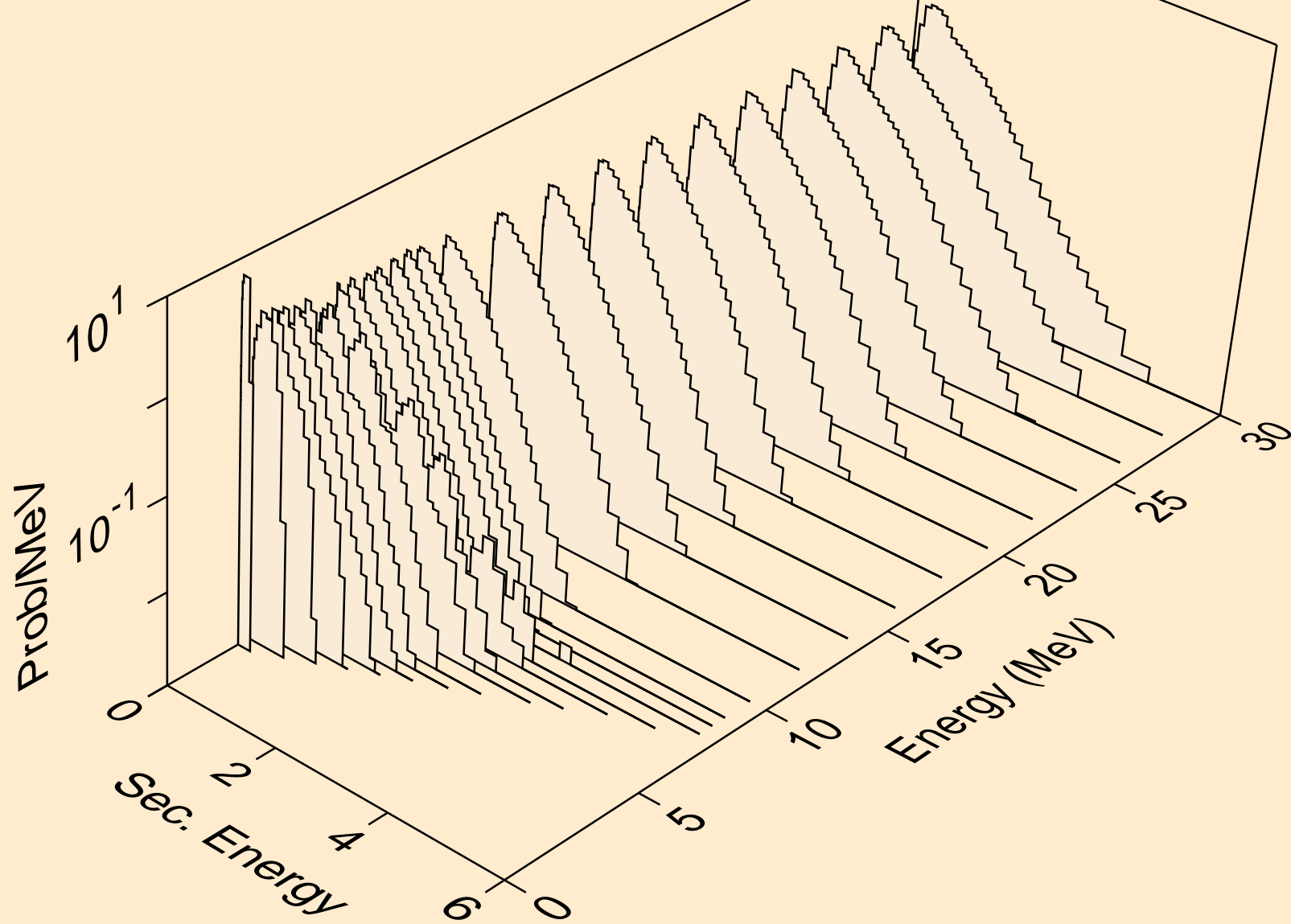
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



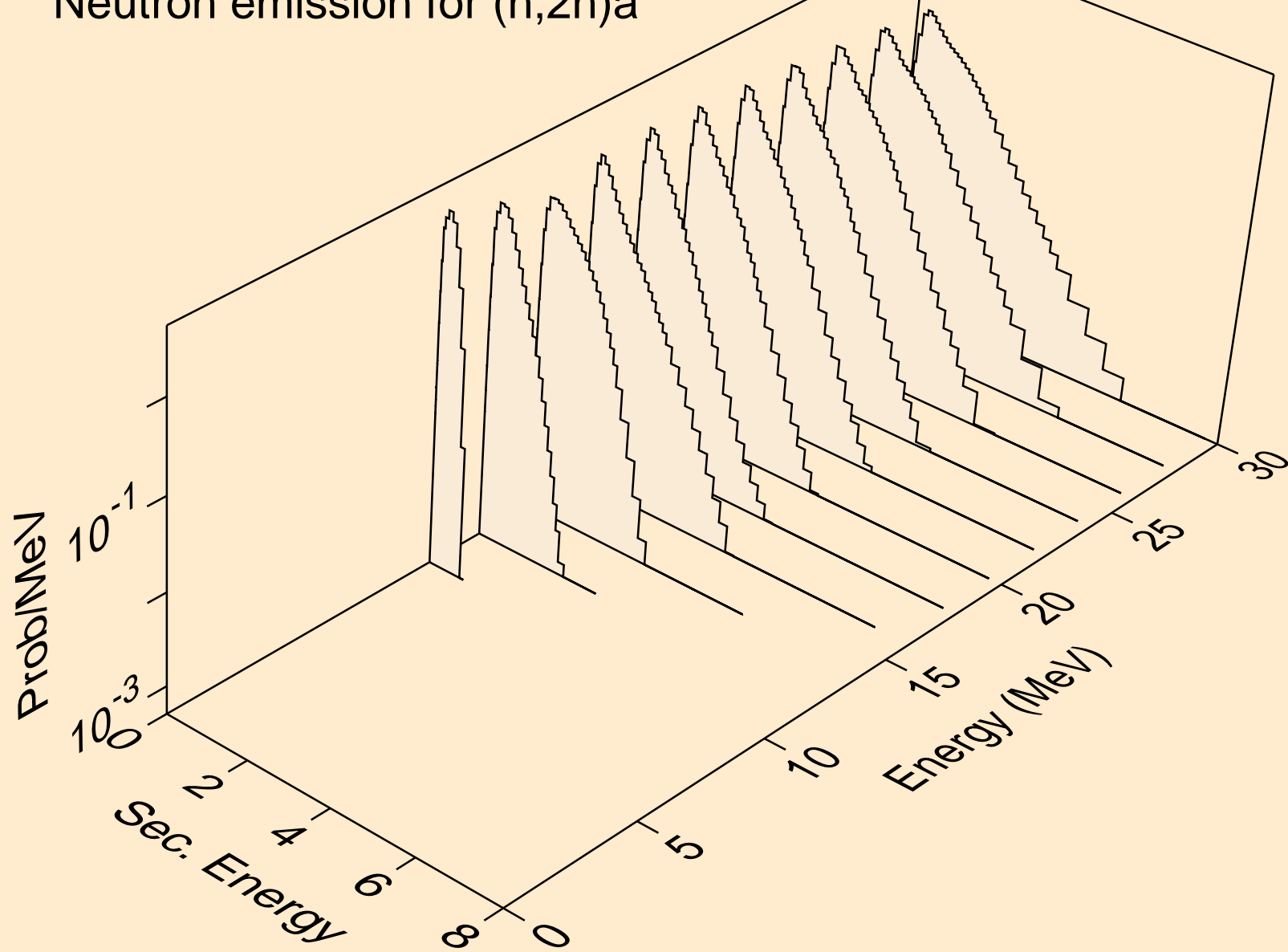
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



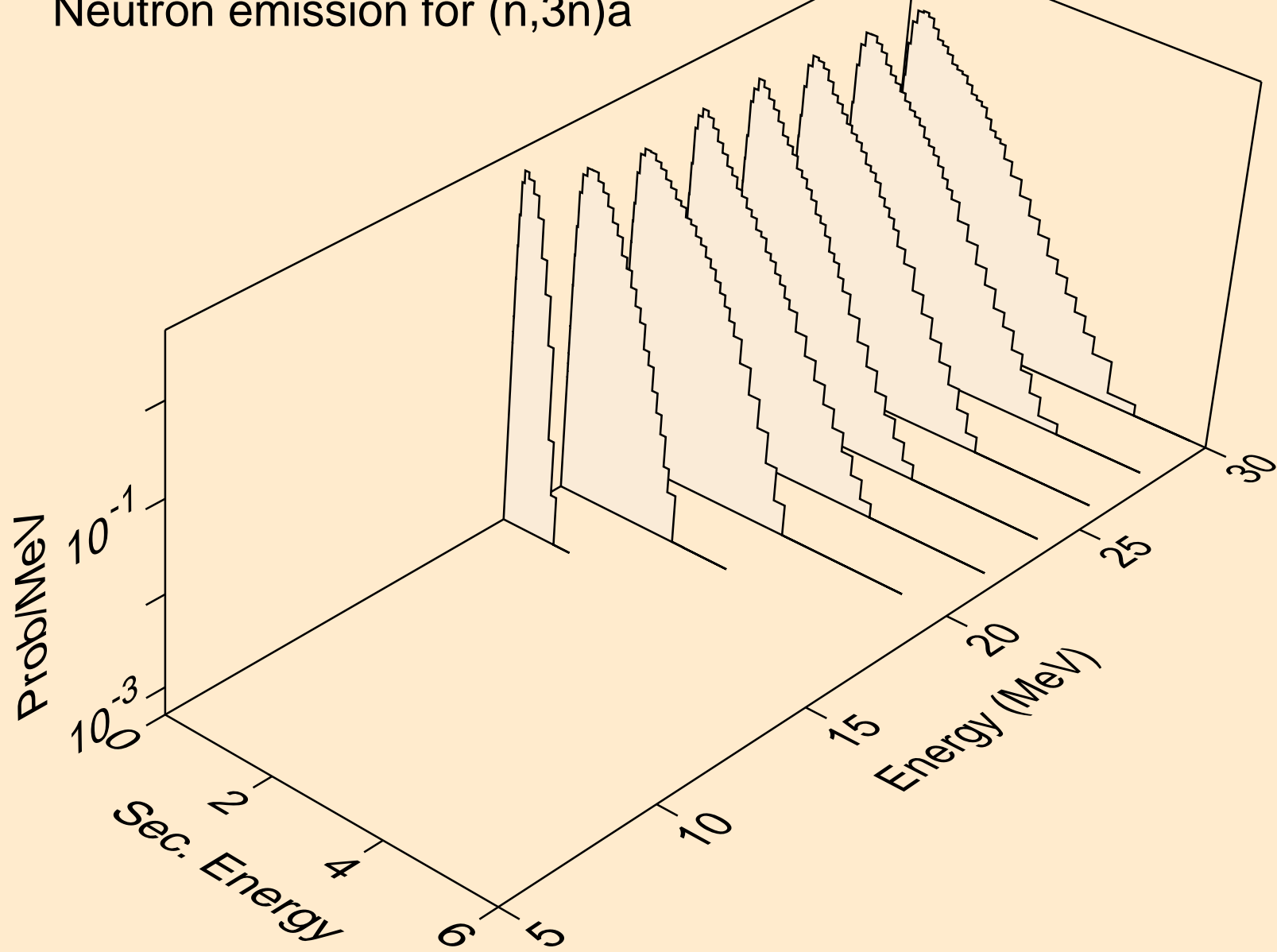
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

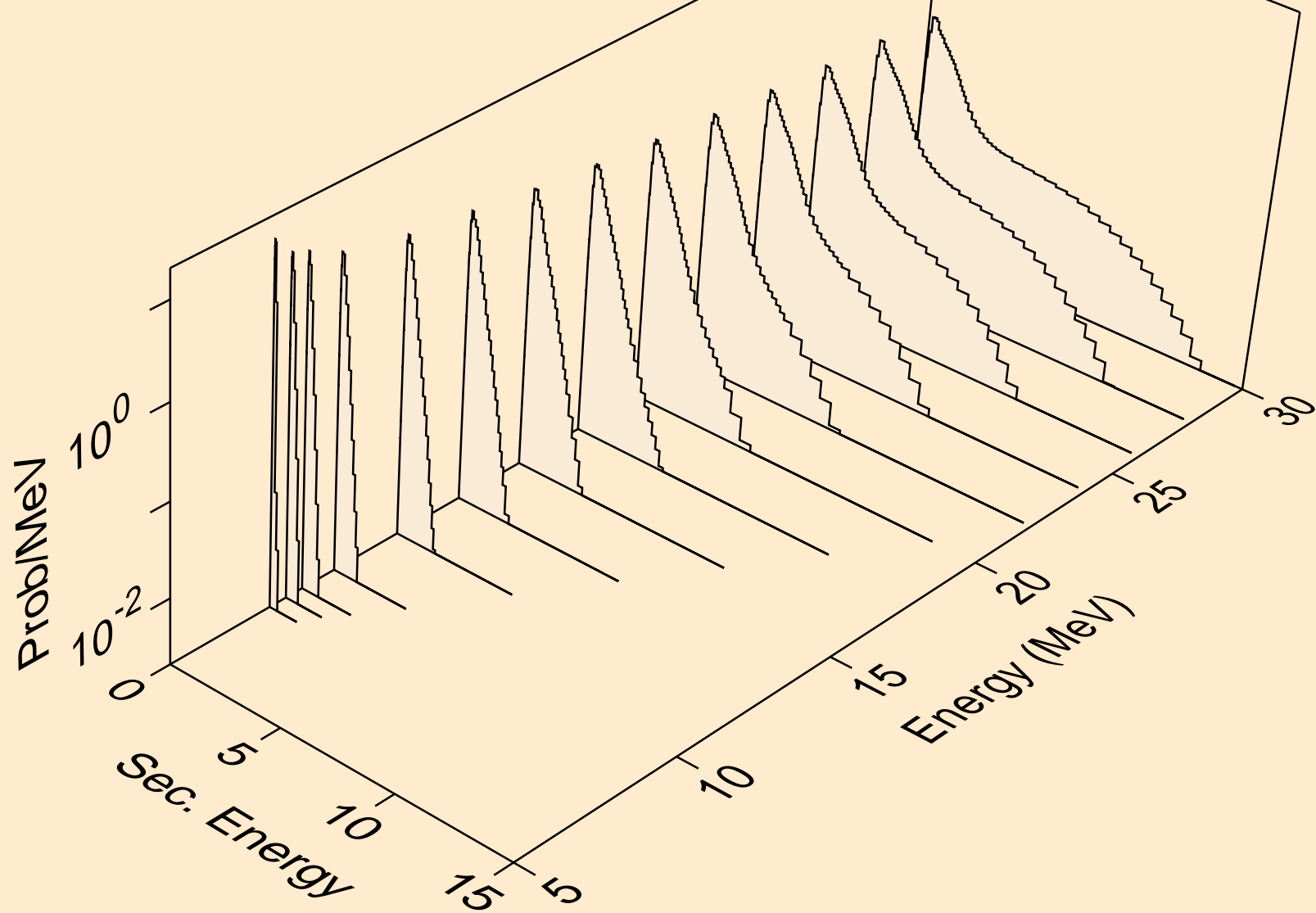


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

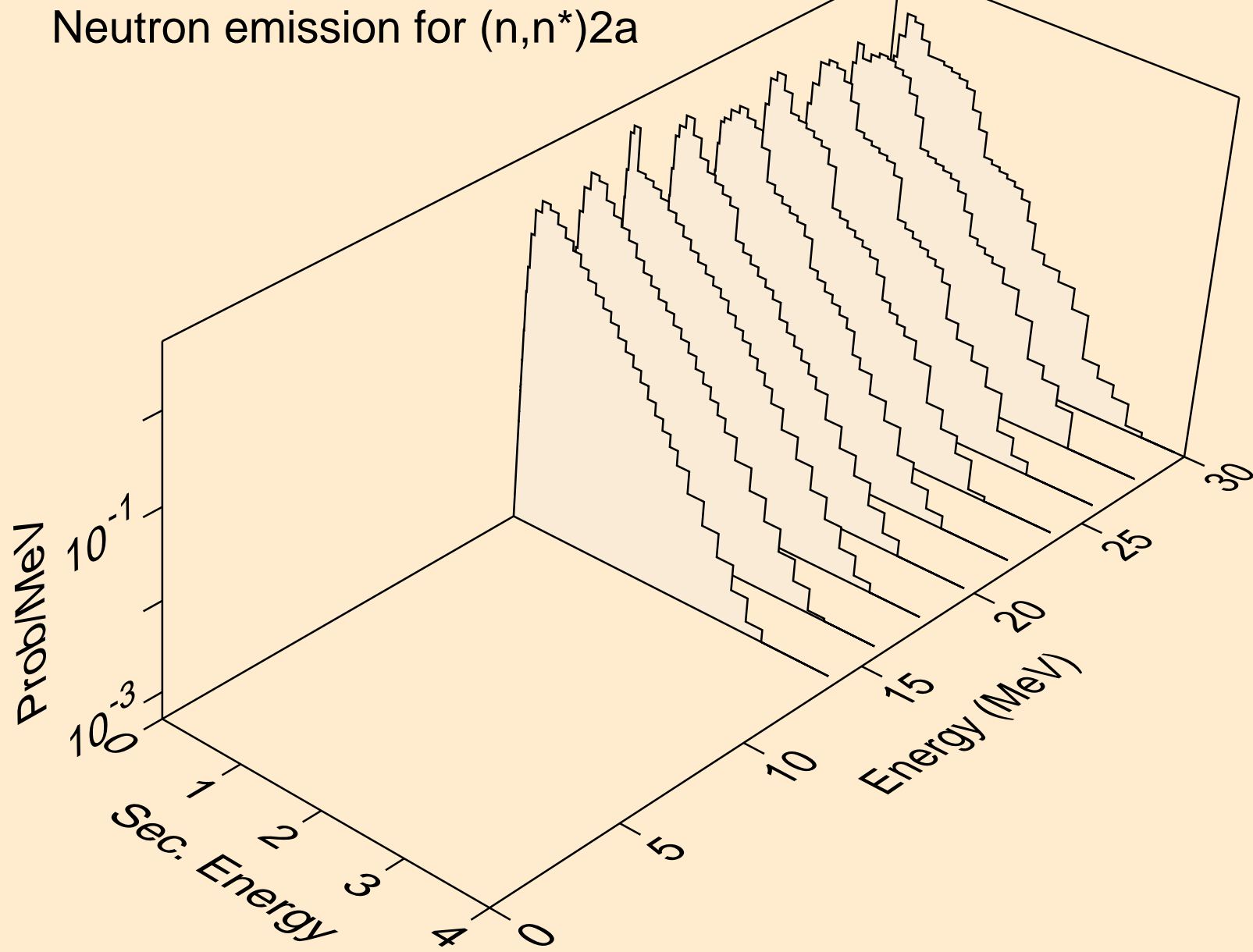




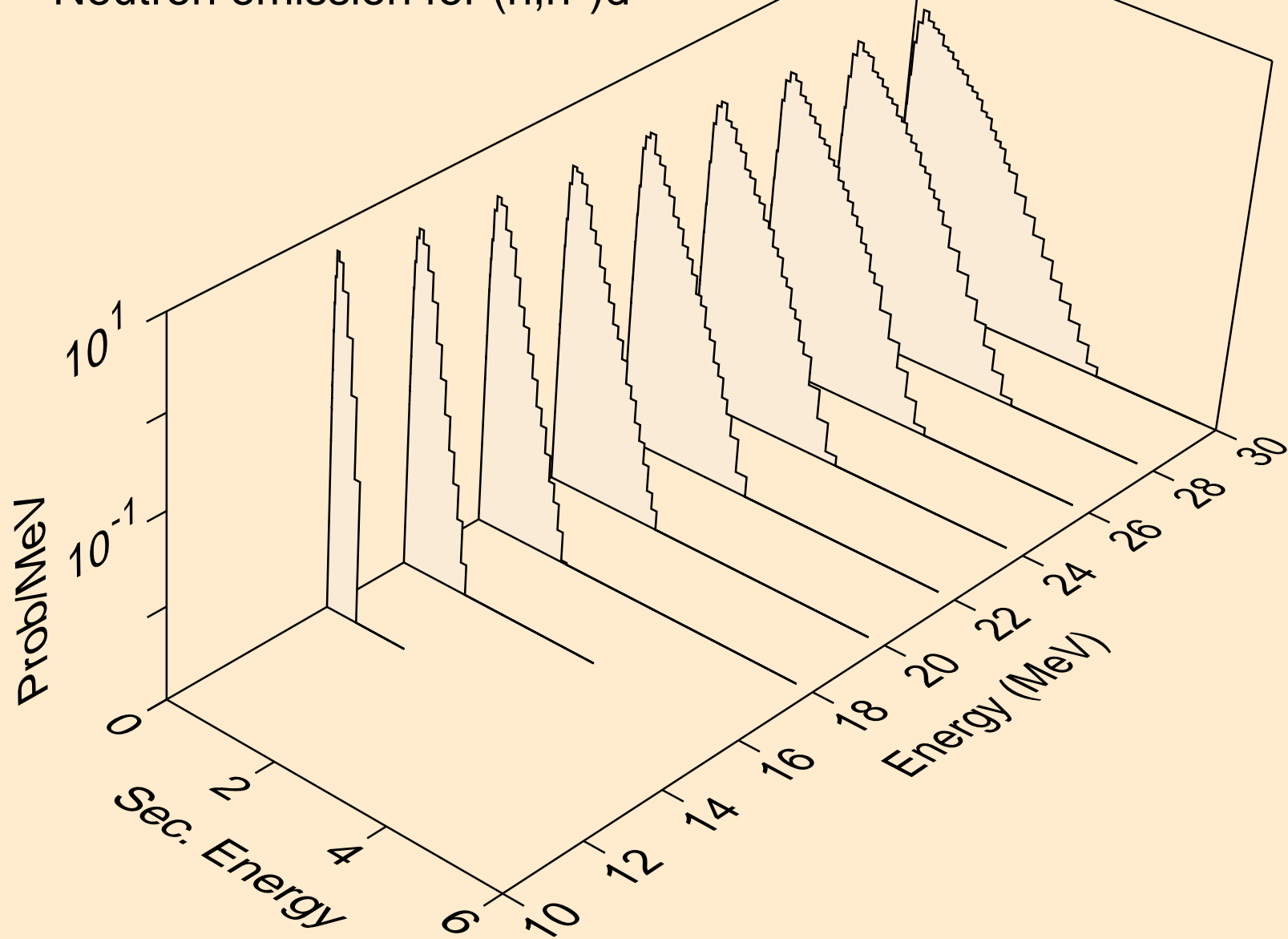
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



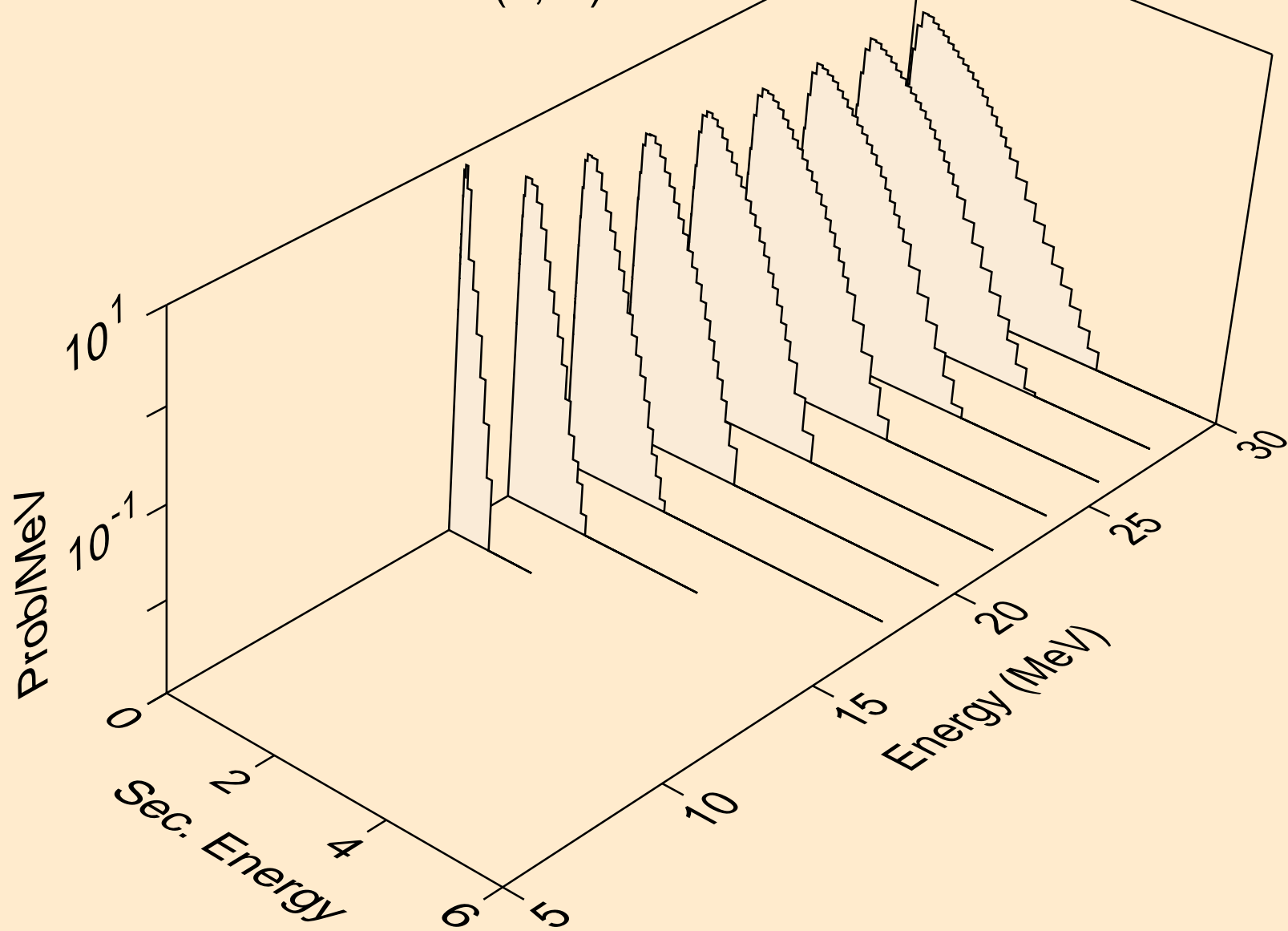
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



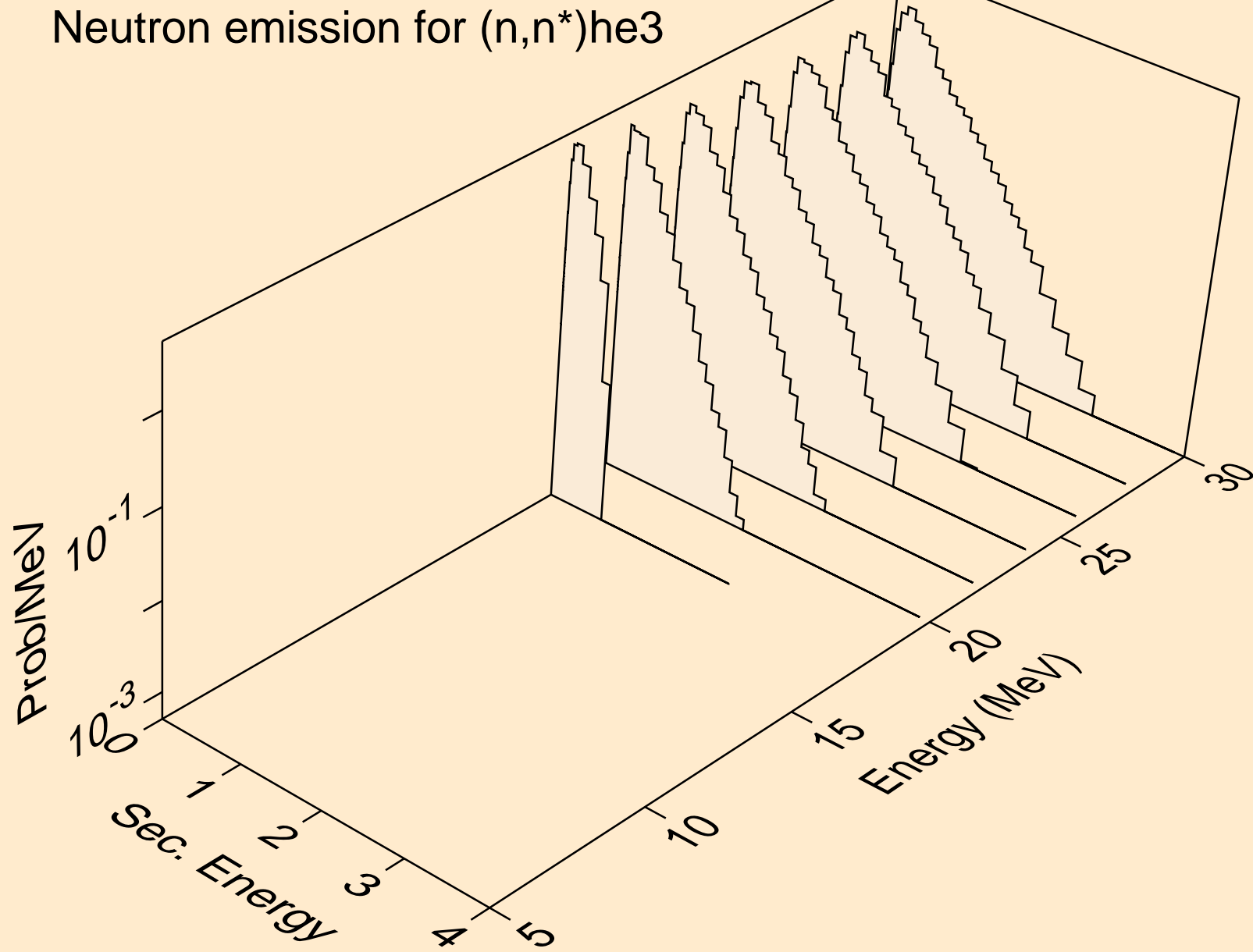
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



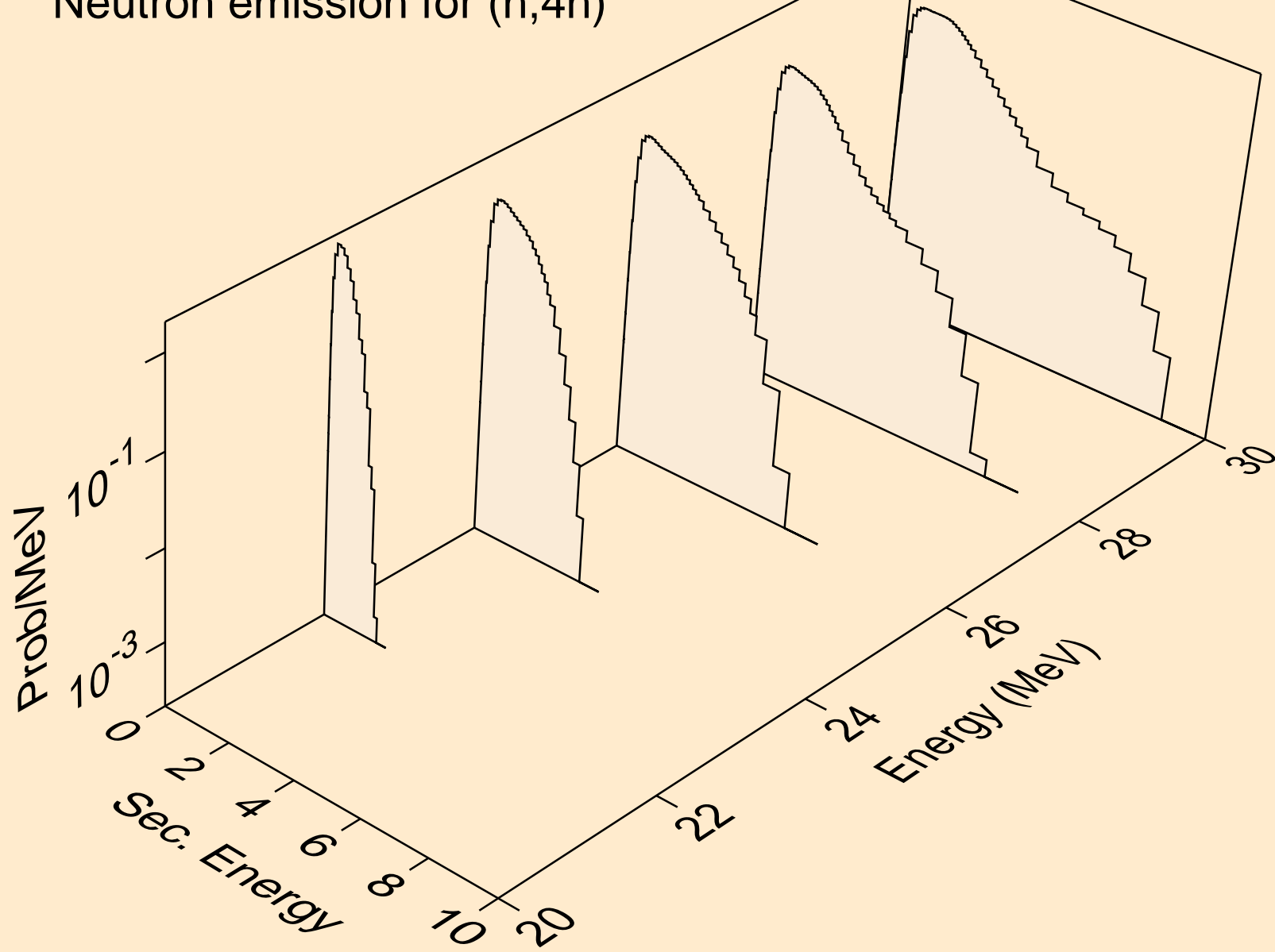
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Neutron emission for (n,n\*)t



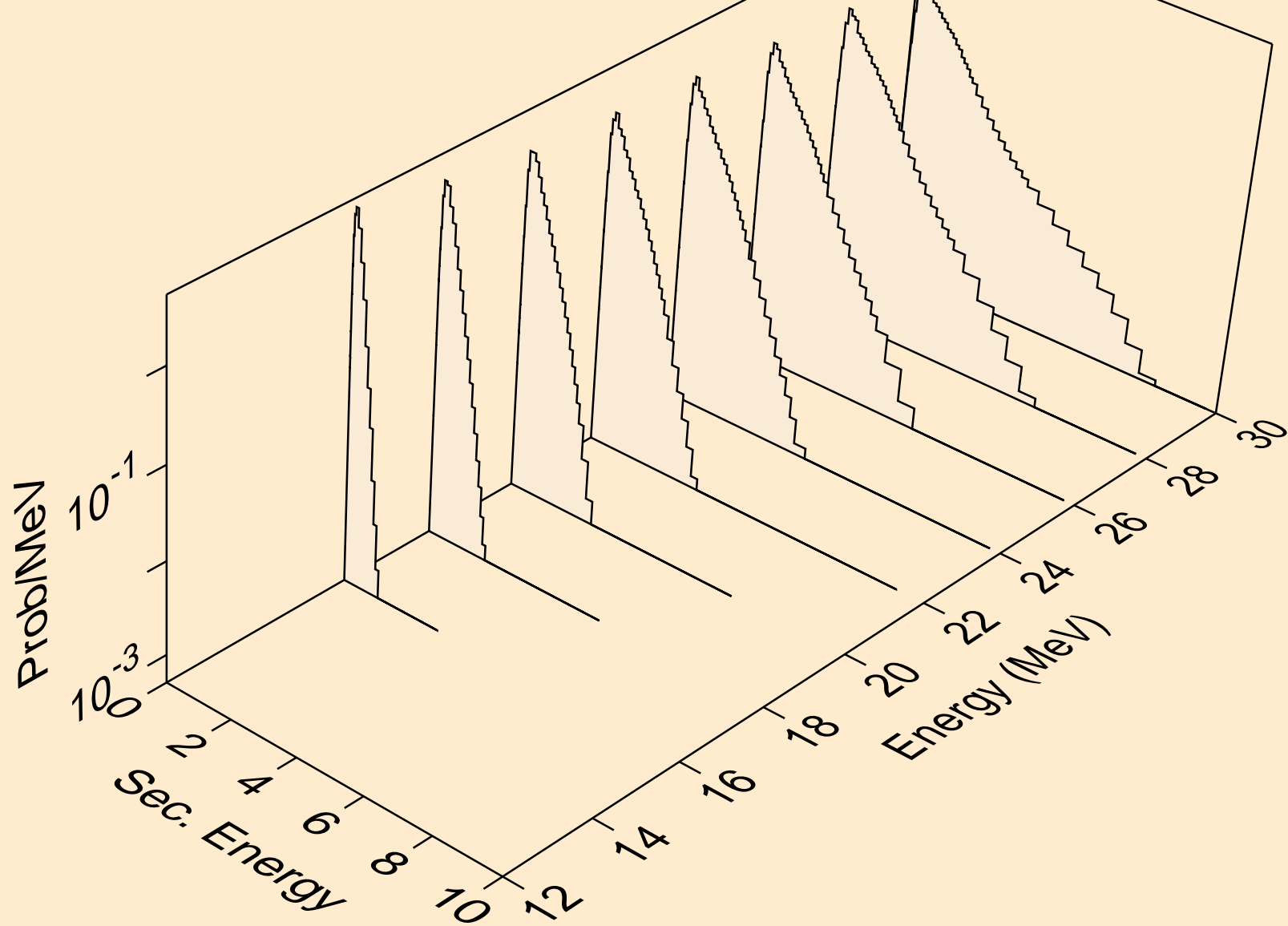
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



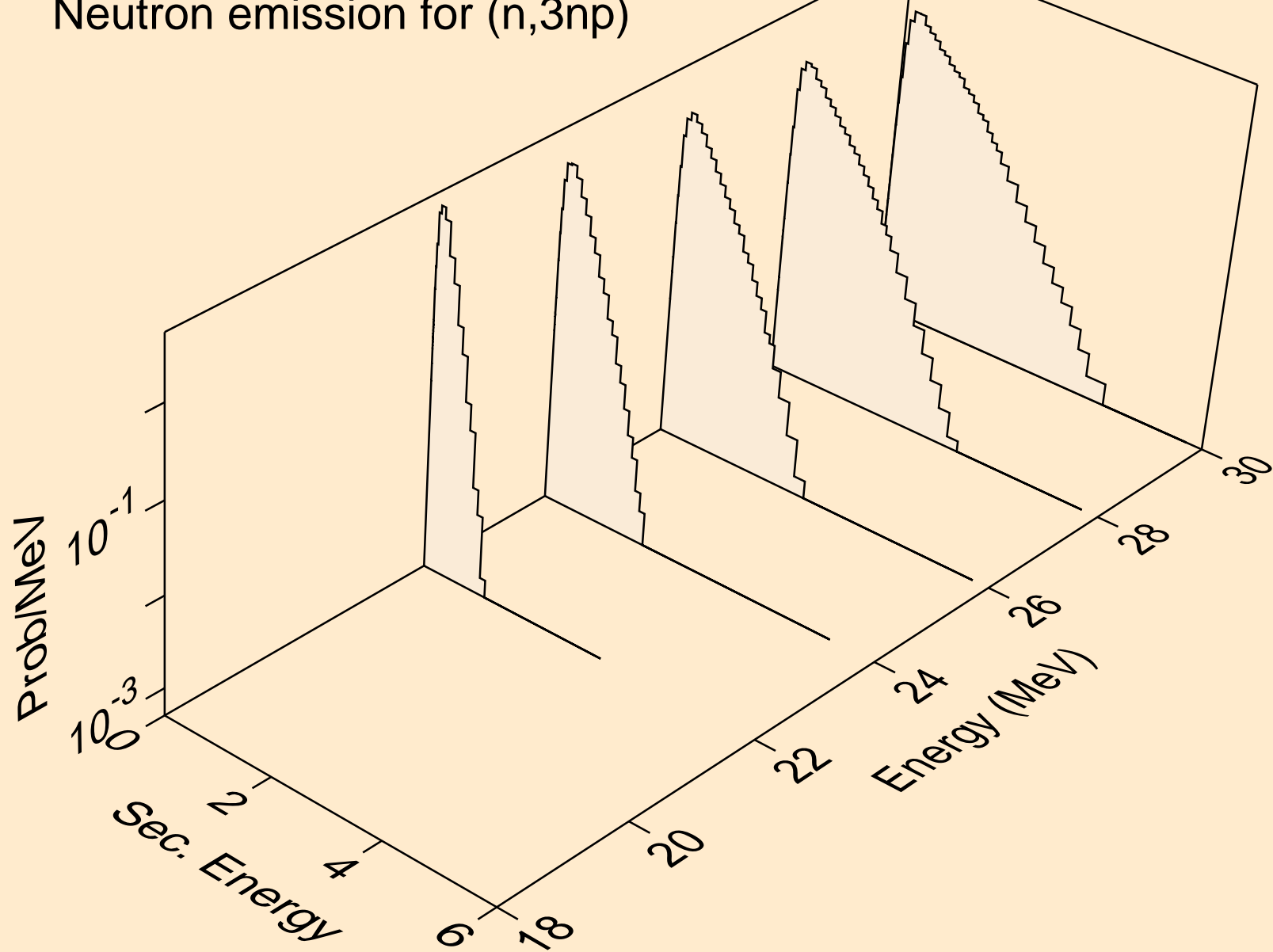
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

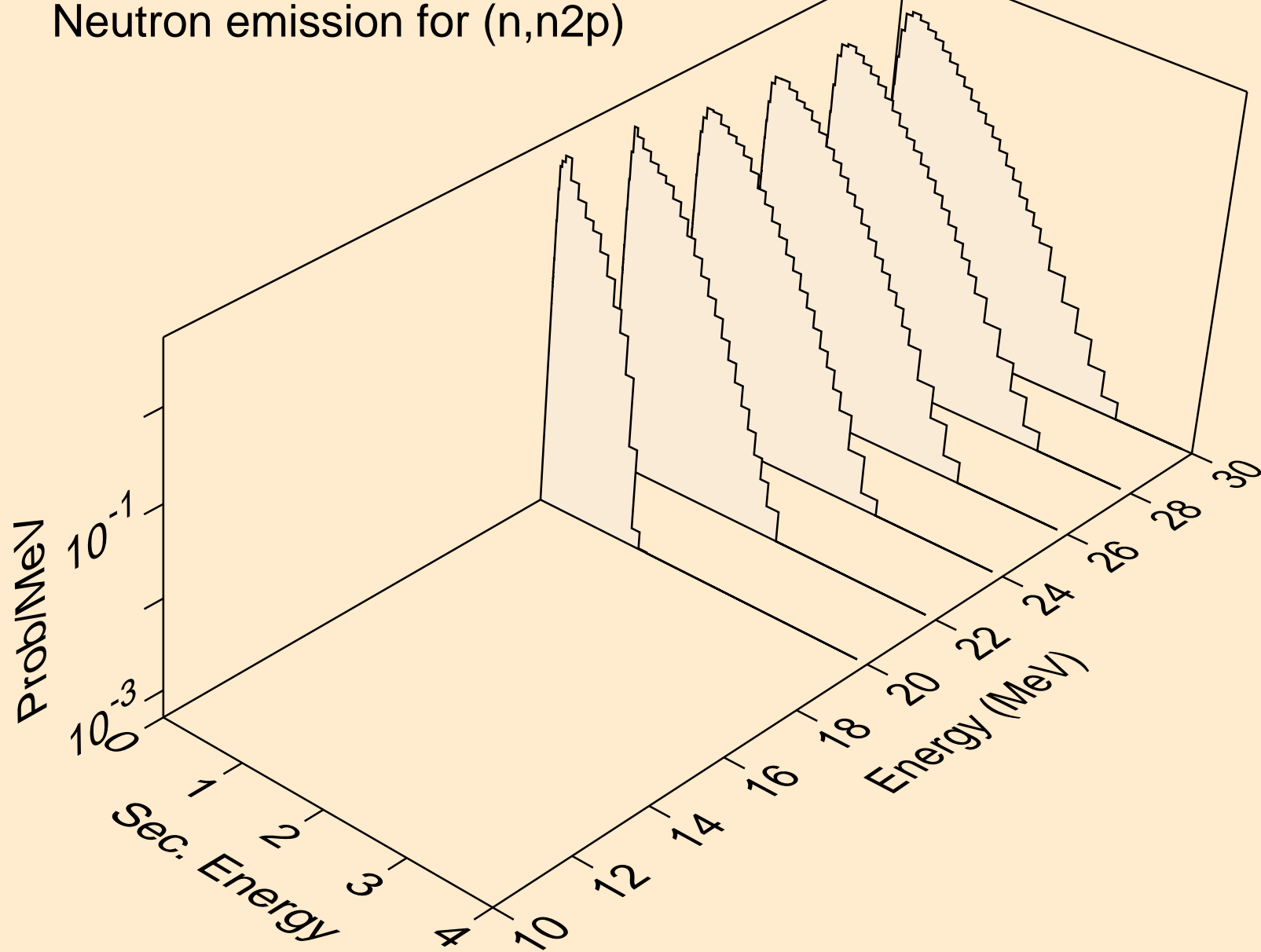


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

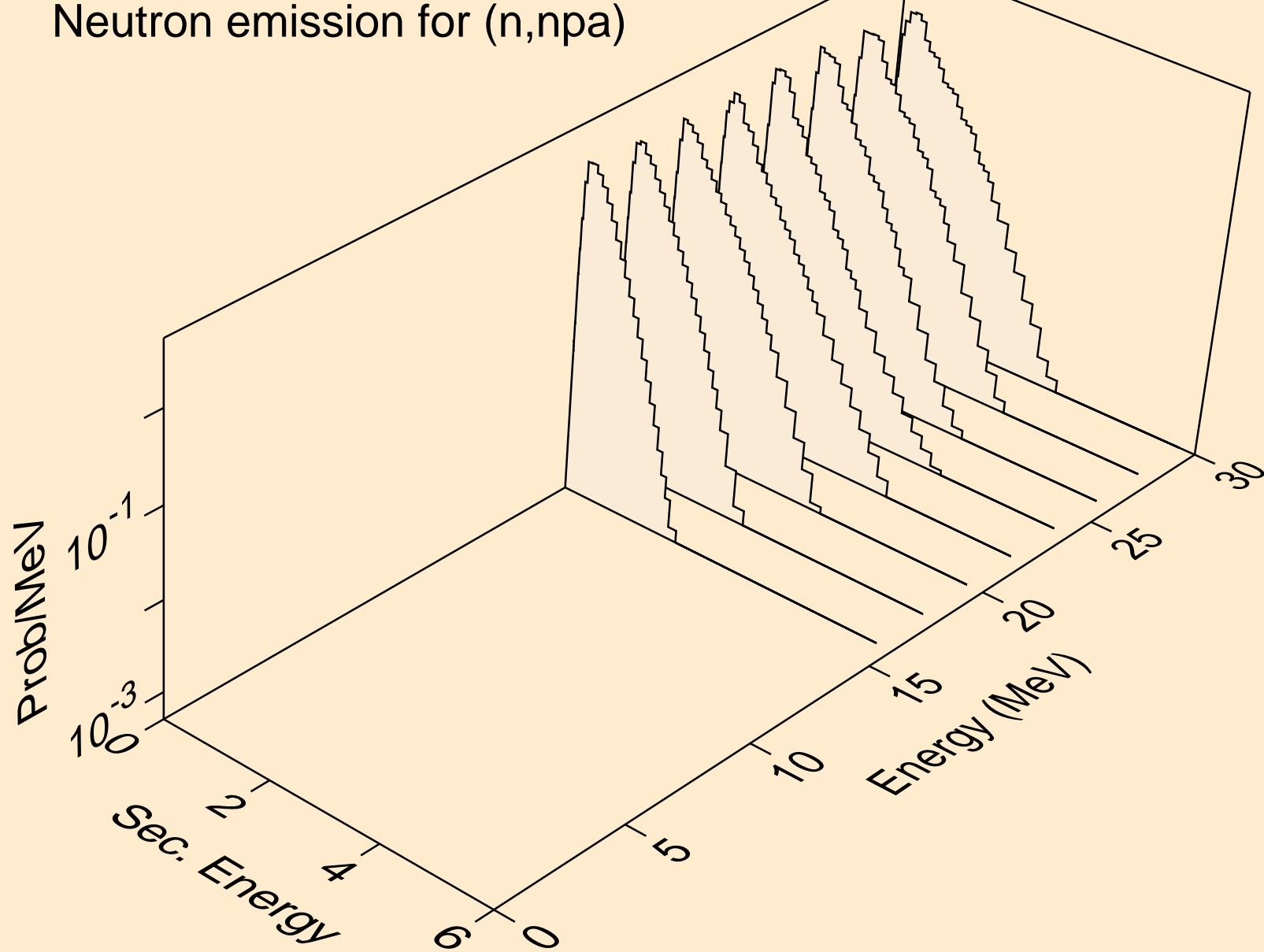




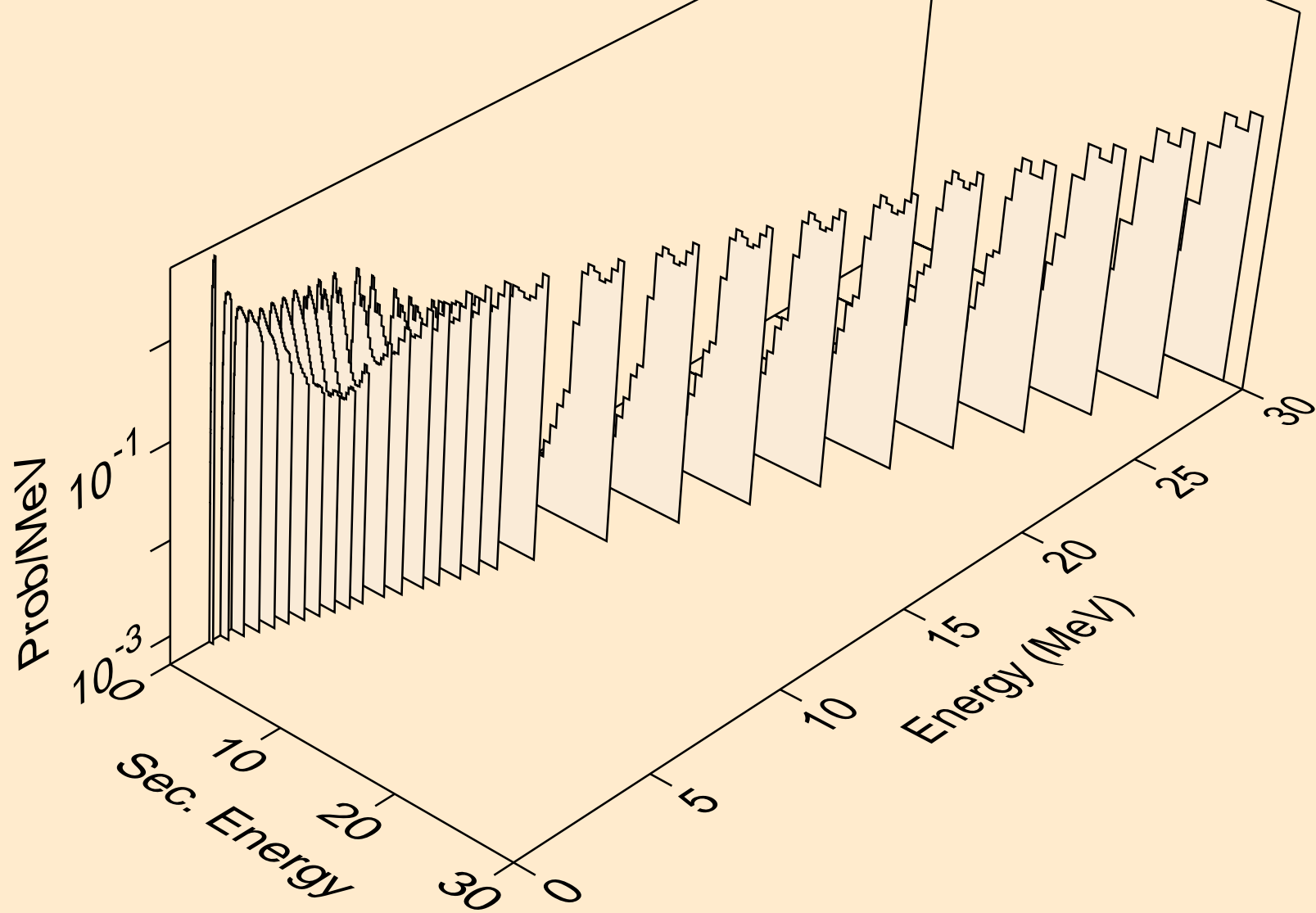
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

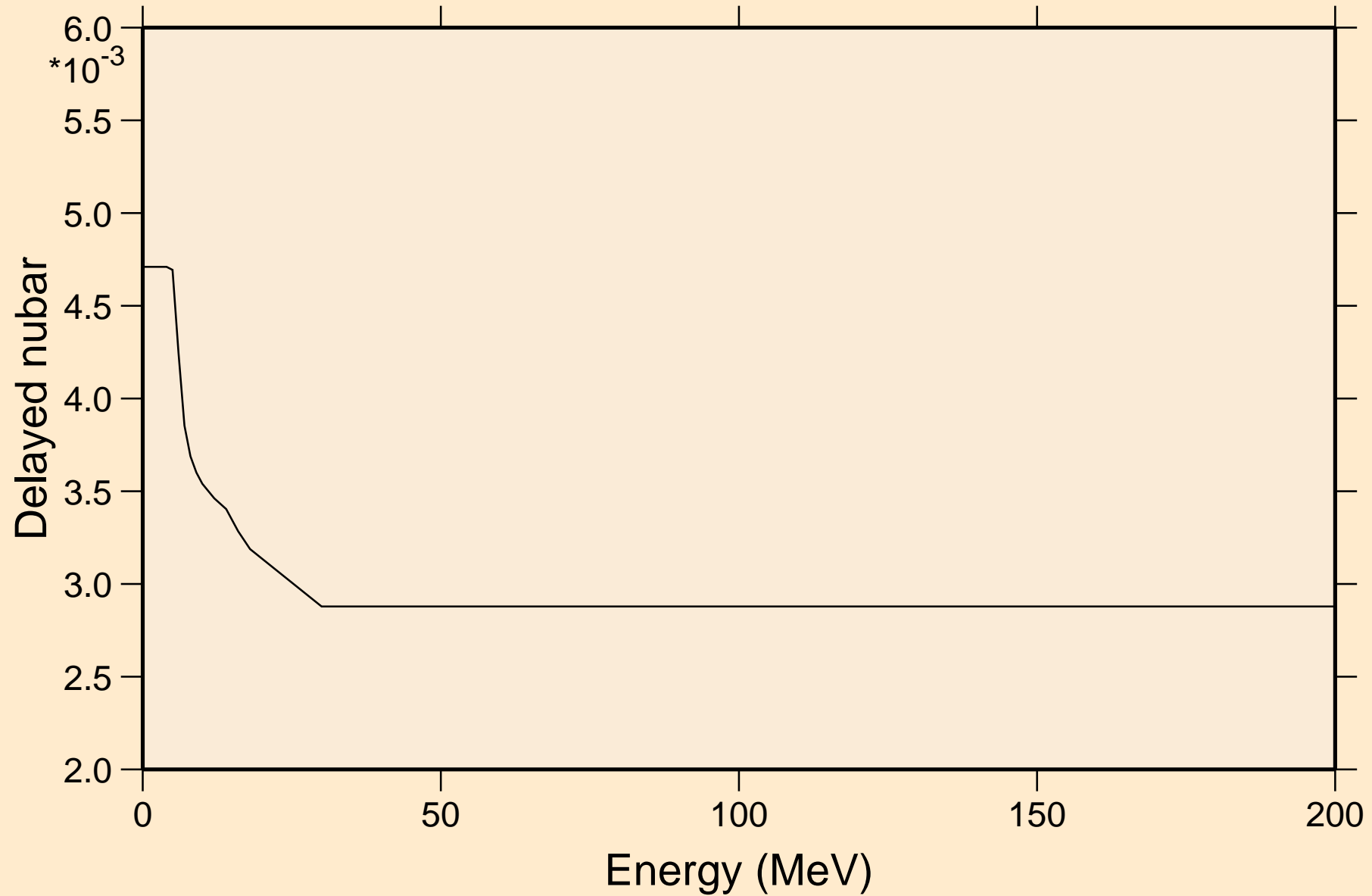


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



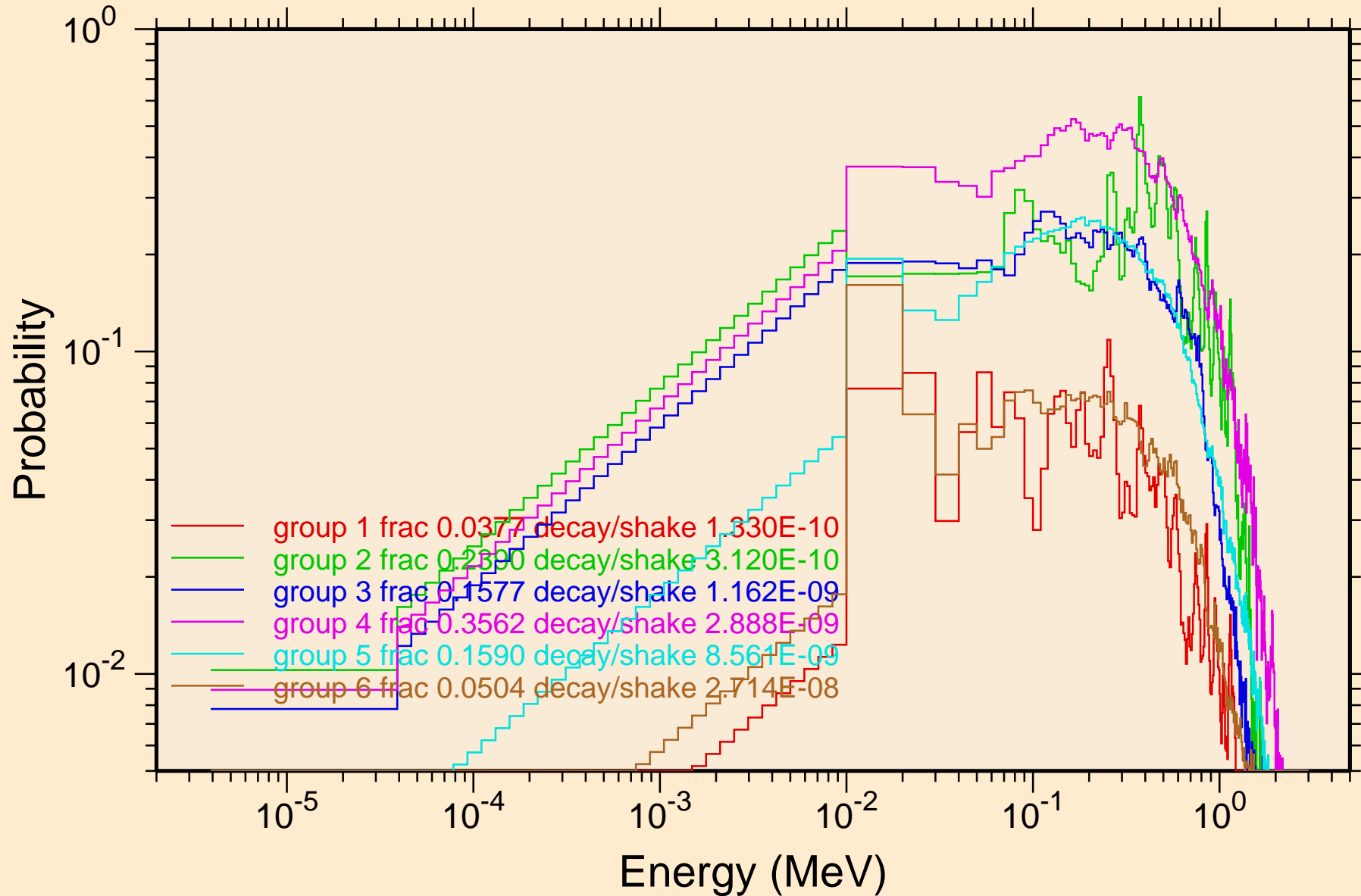
# PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

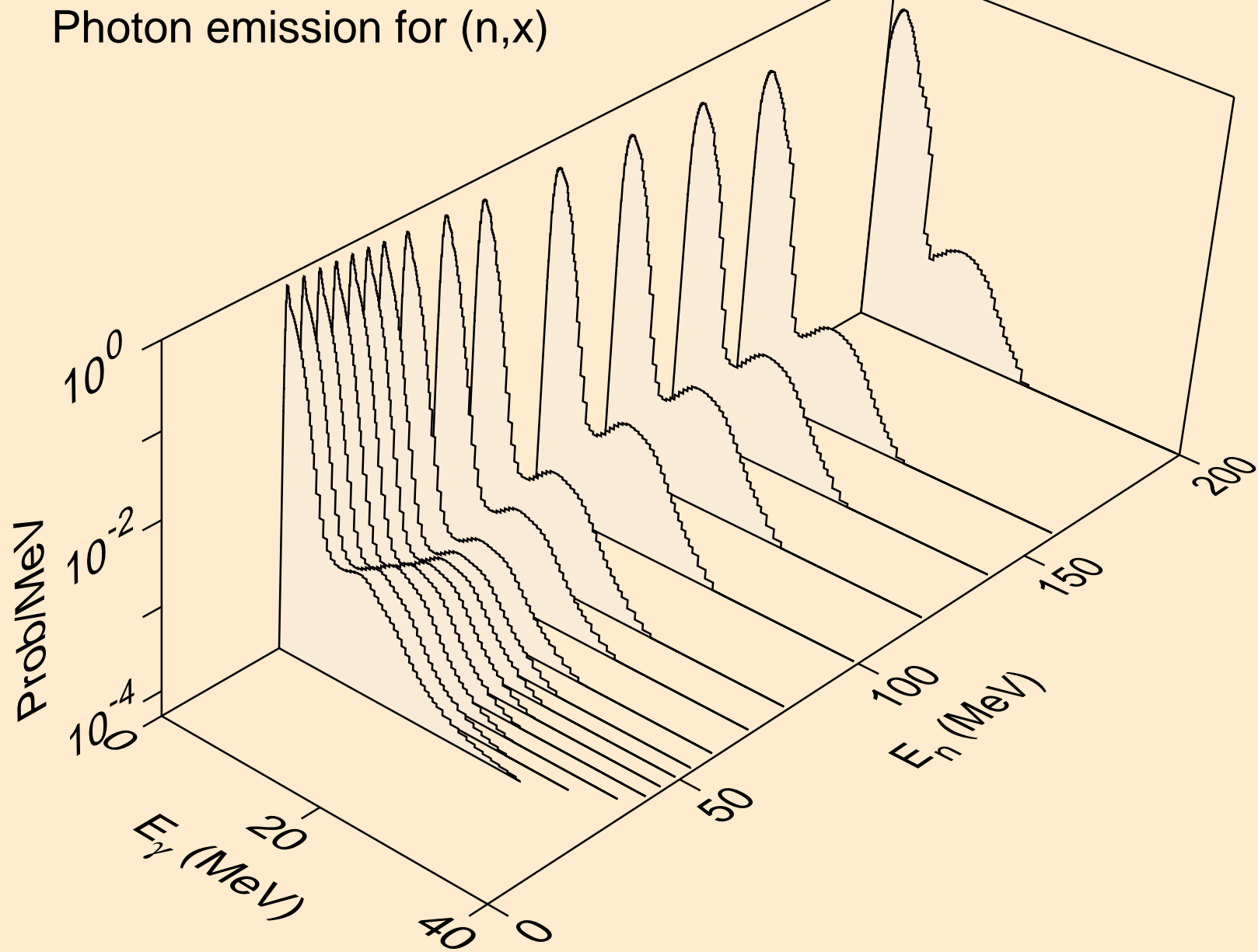


# PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

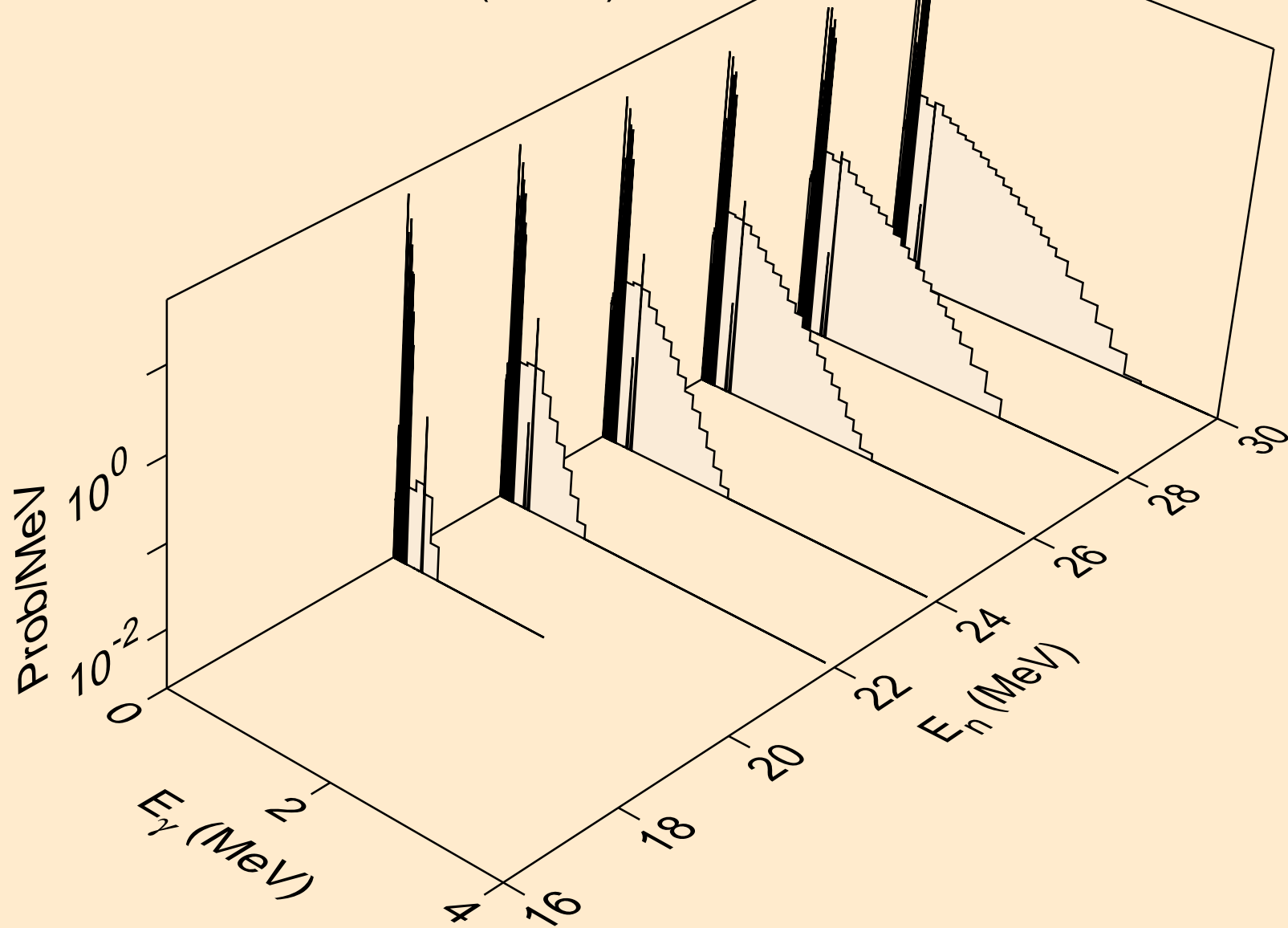
## Delayed neutron spectra



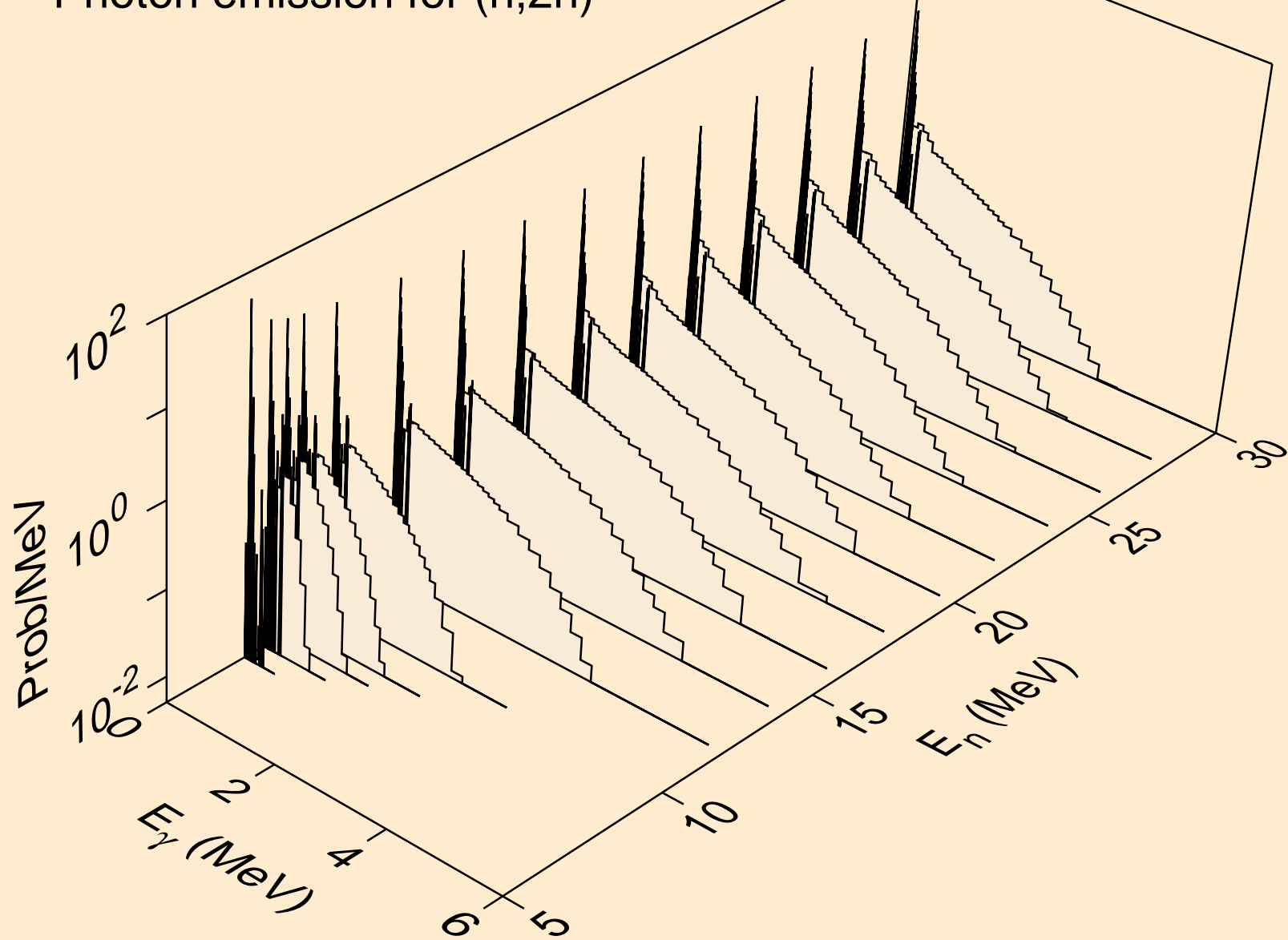
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

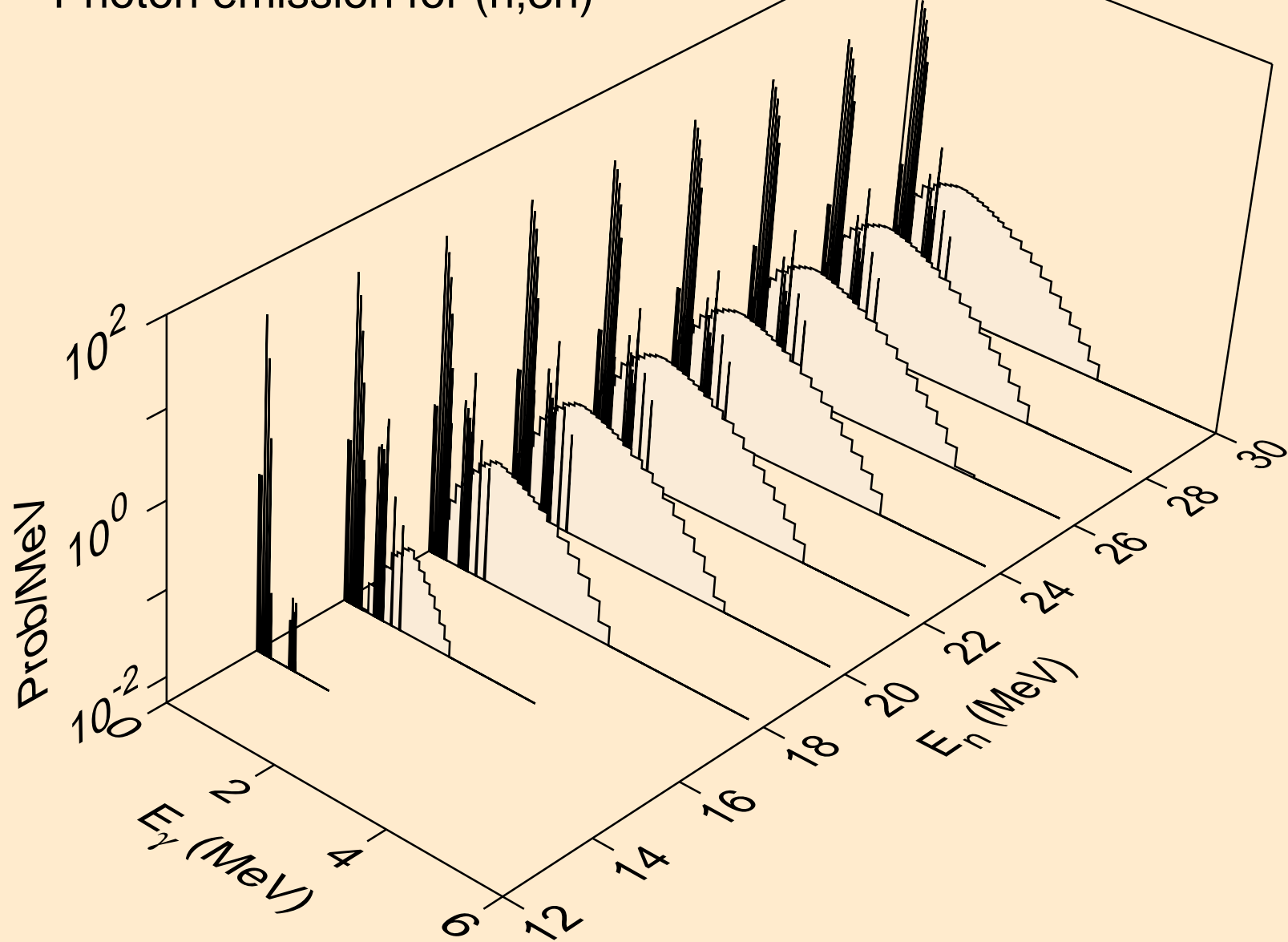


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

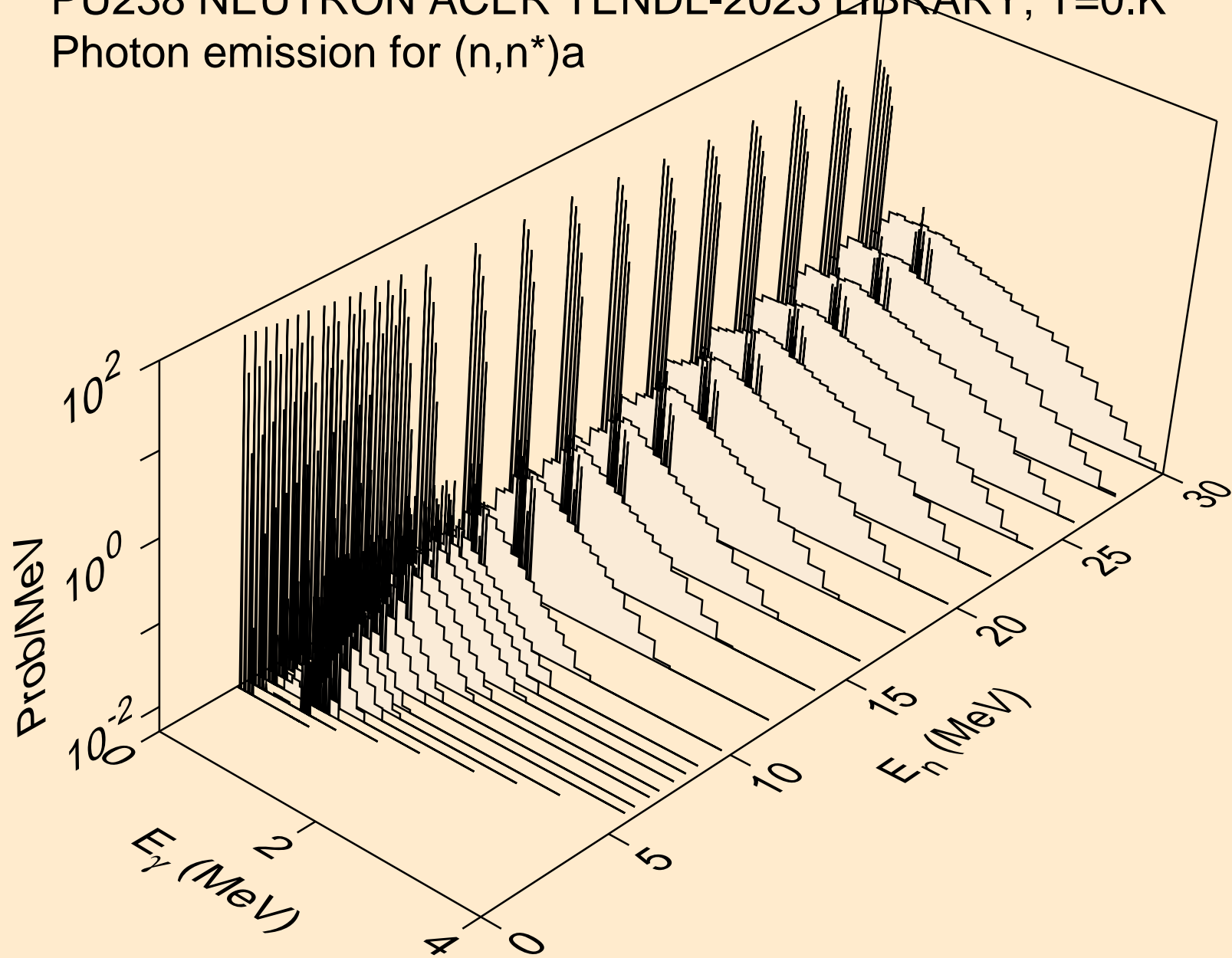




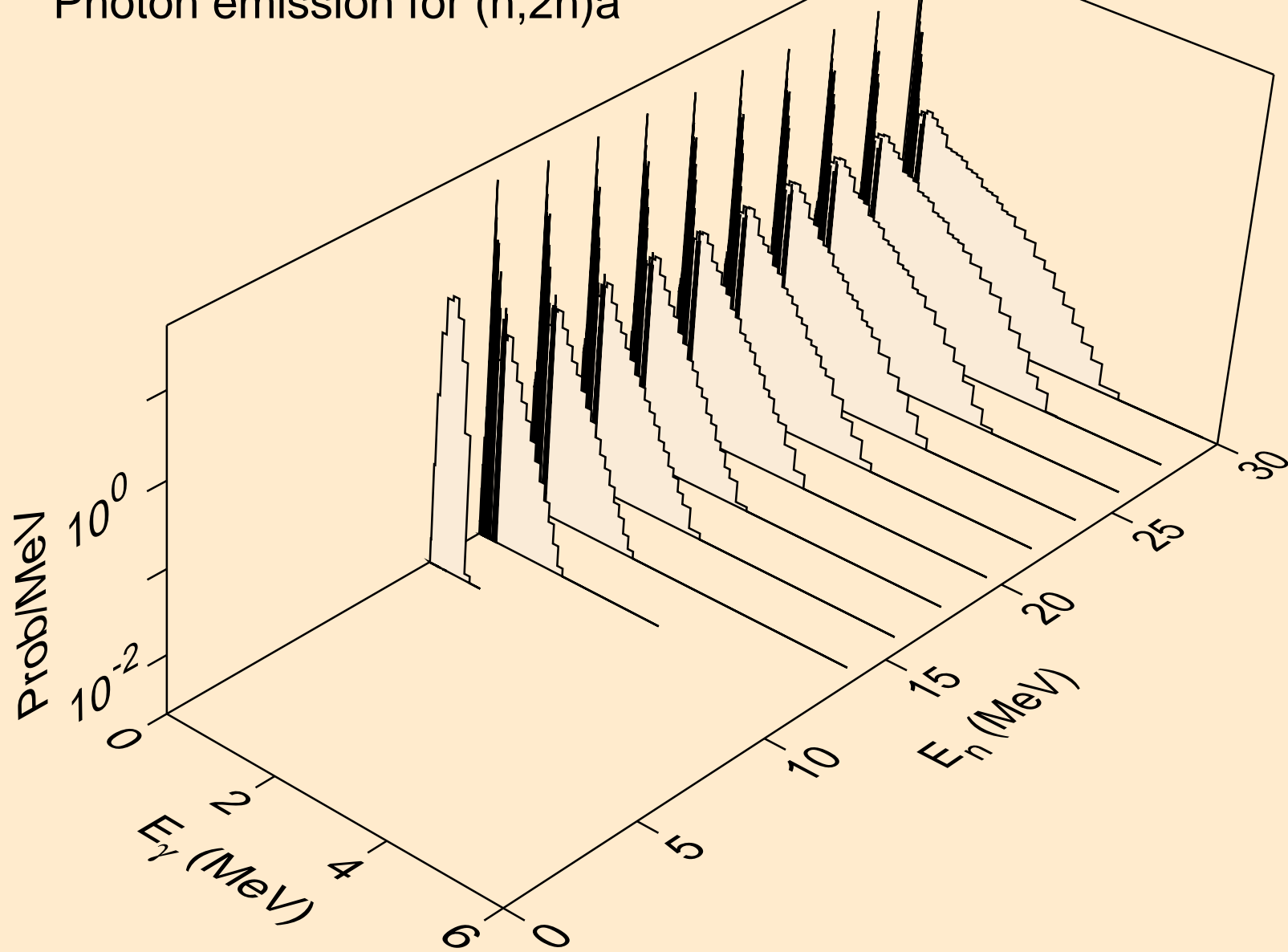
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



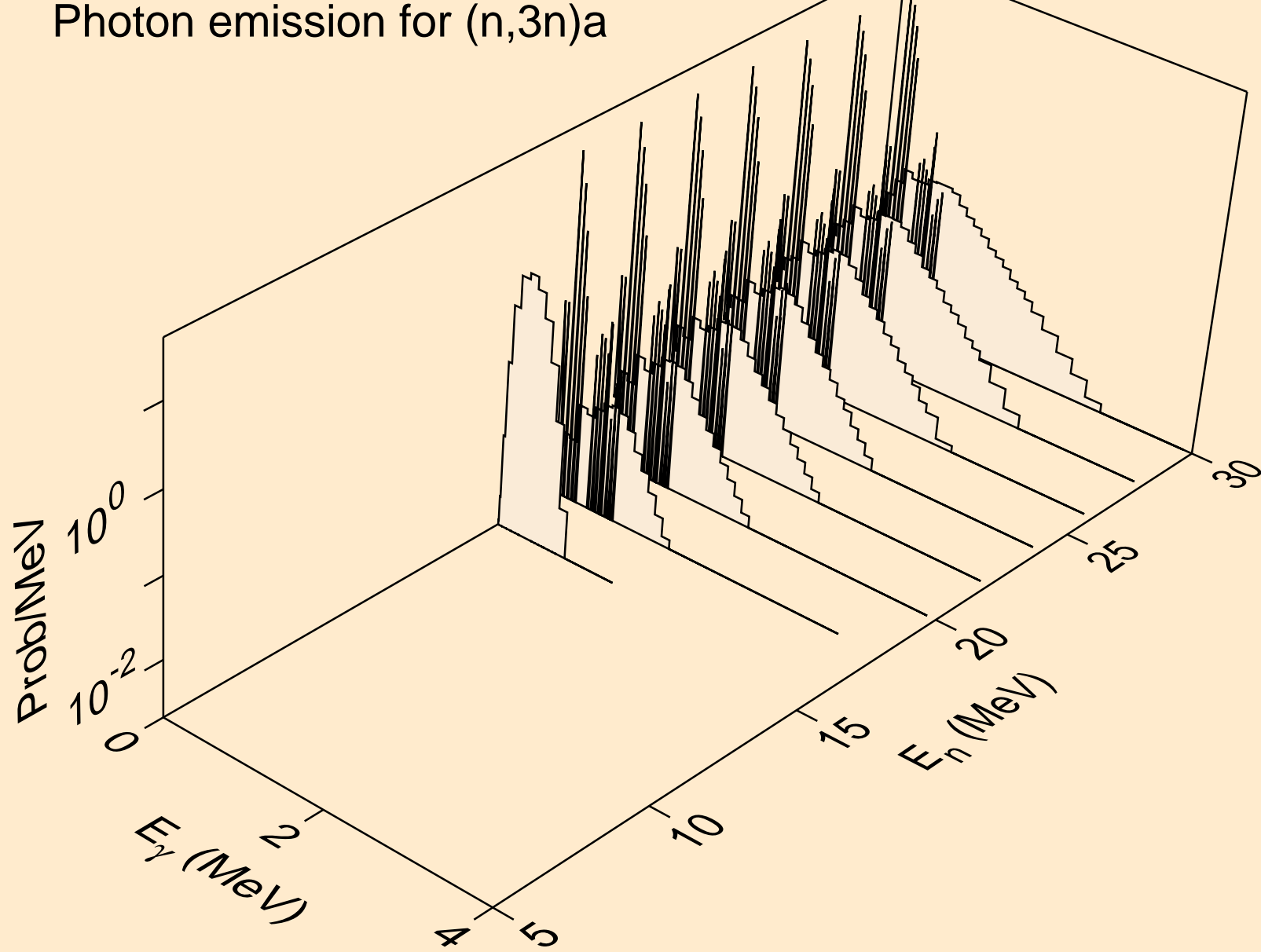
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



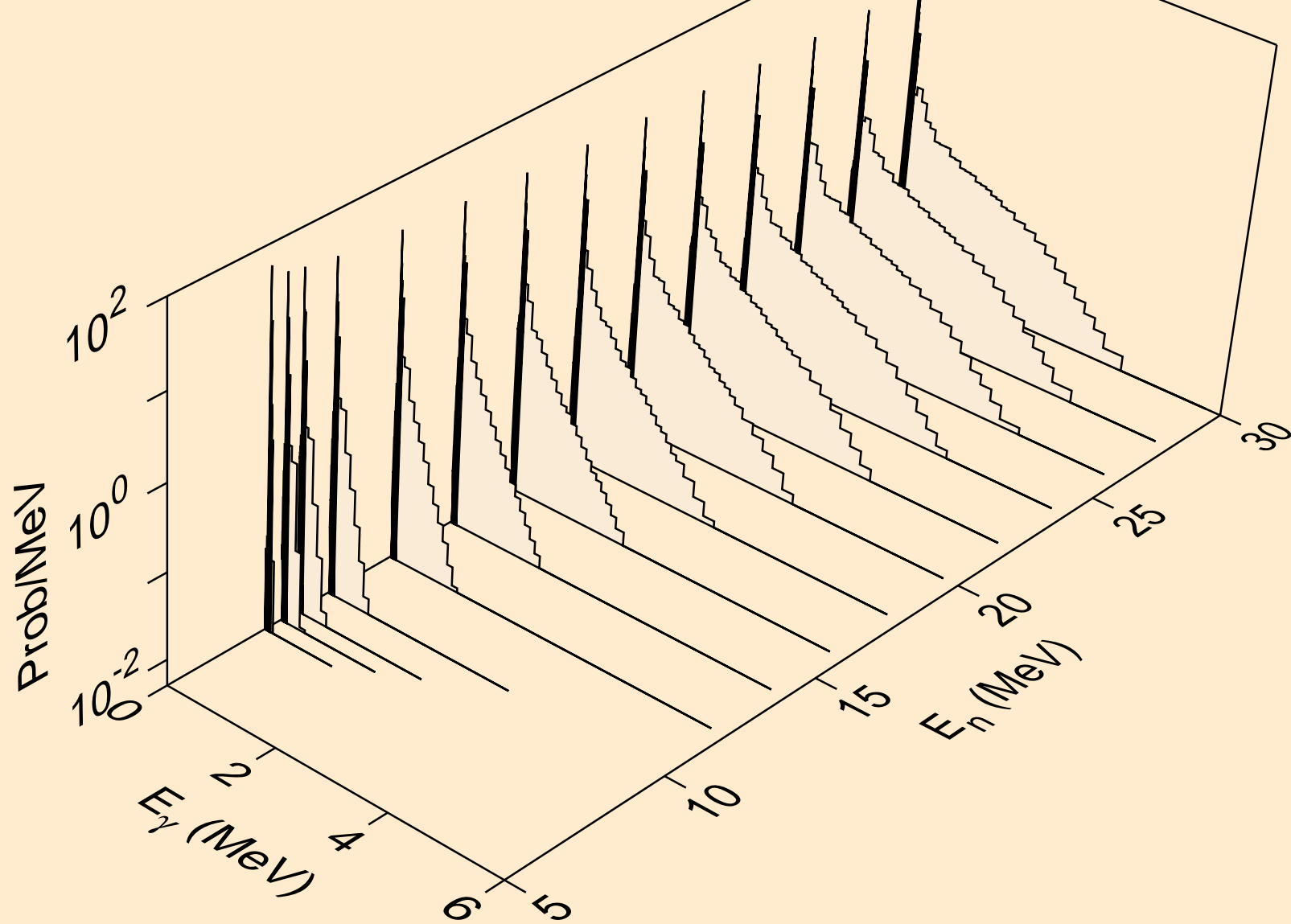
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



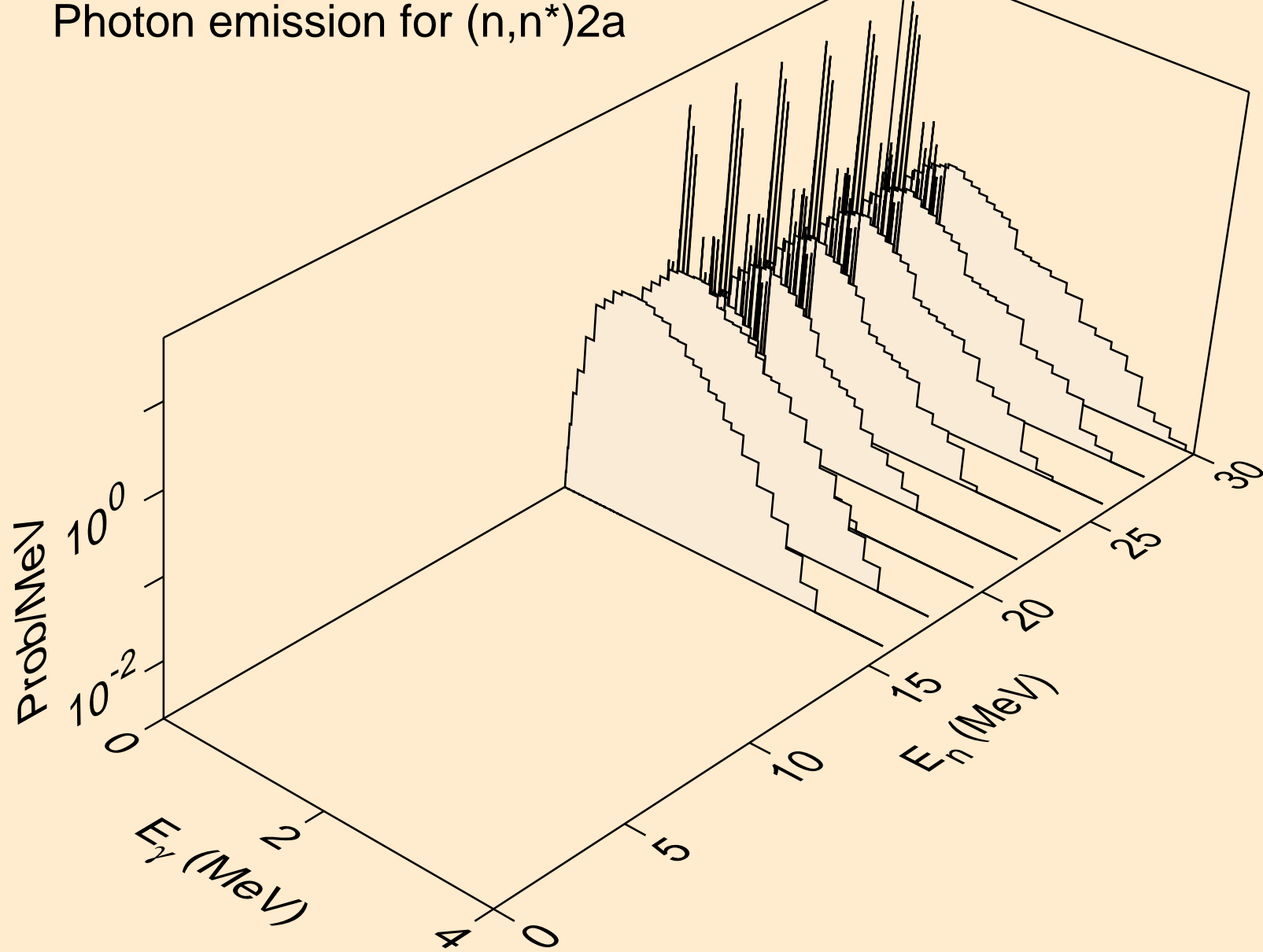
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



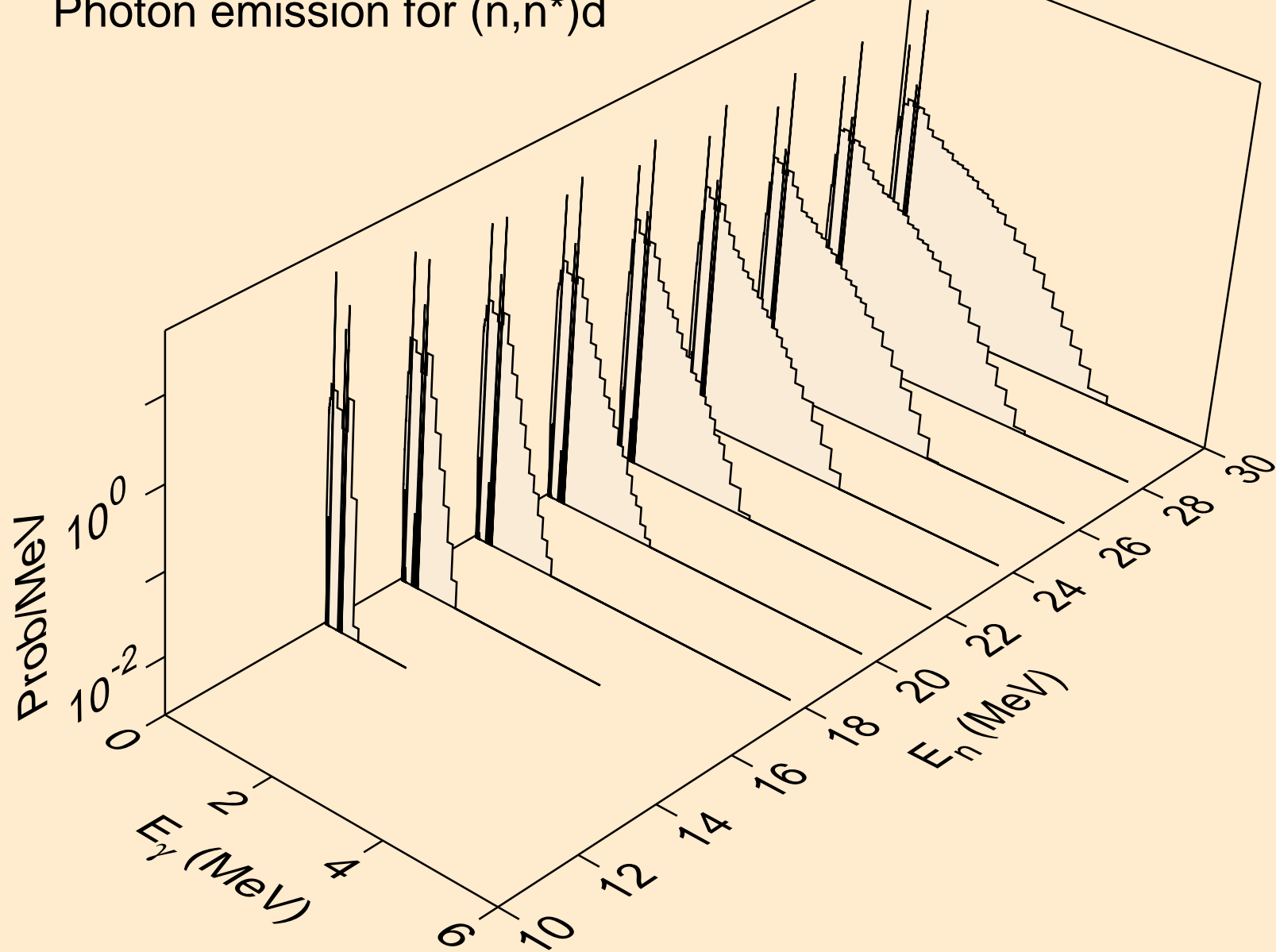
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



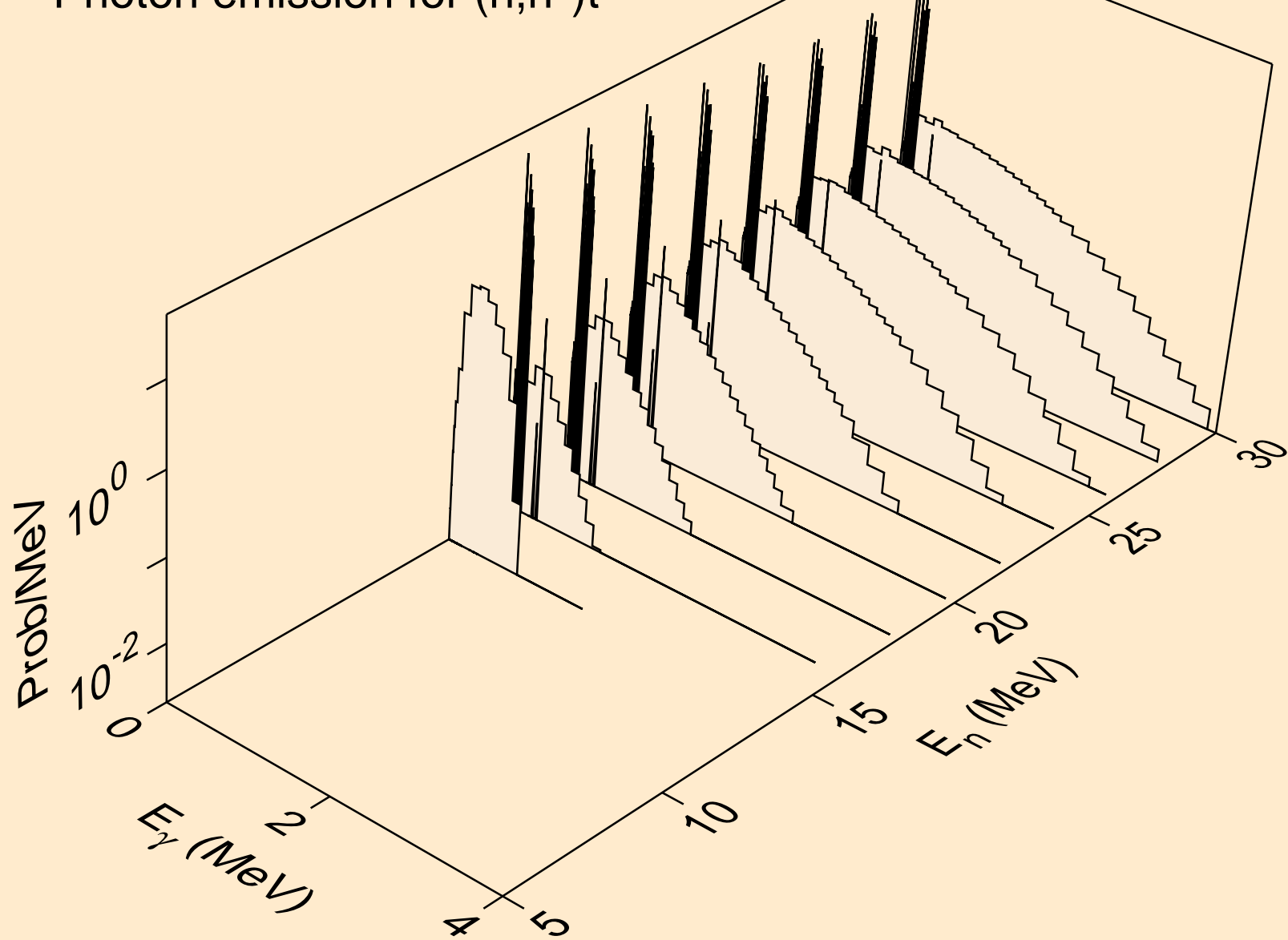
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

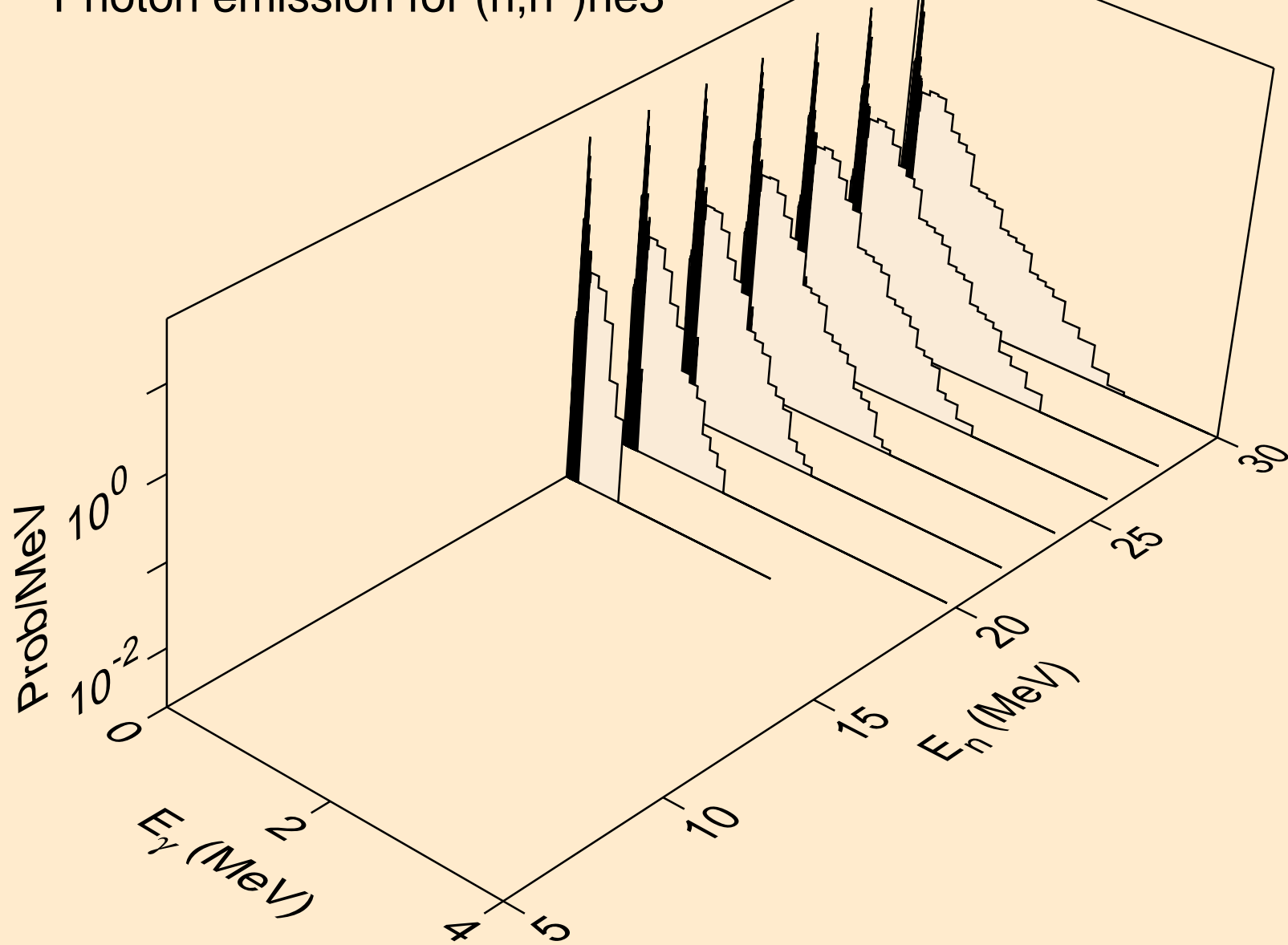


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

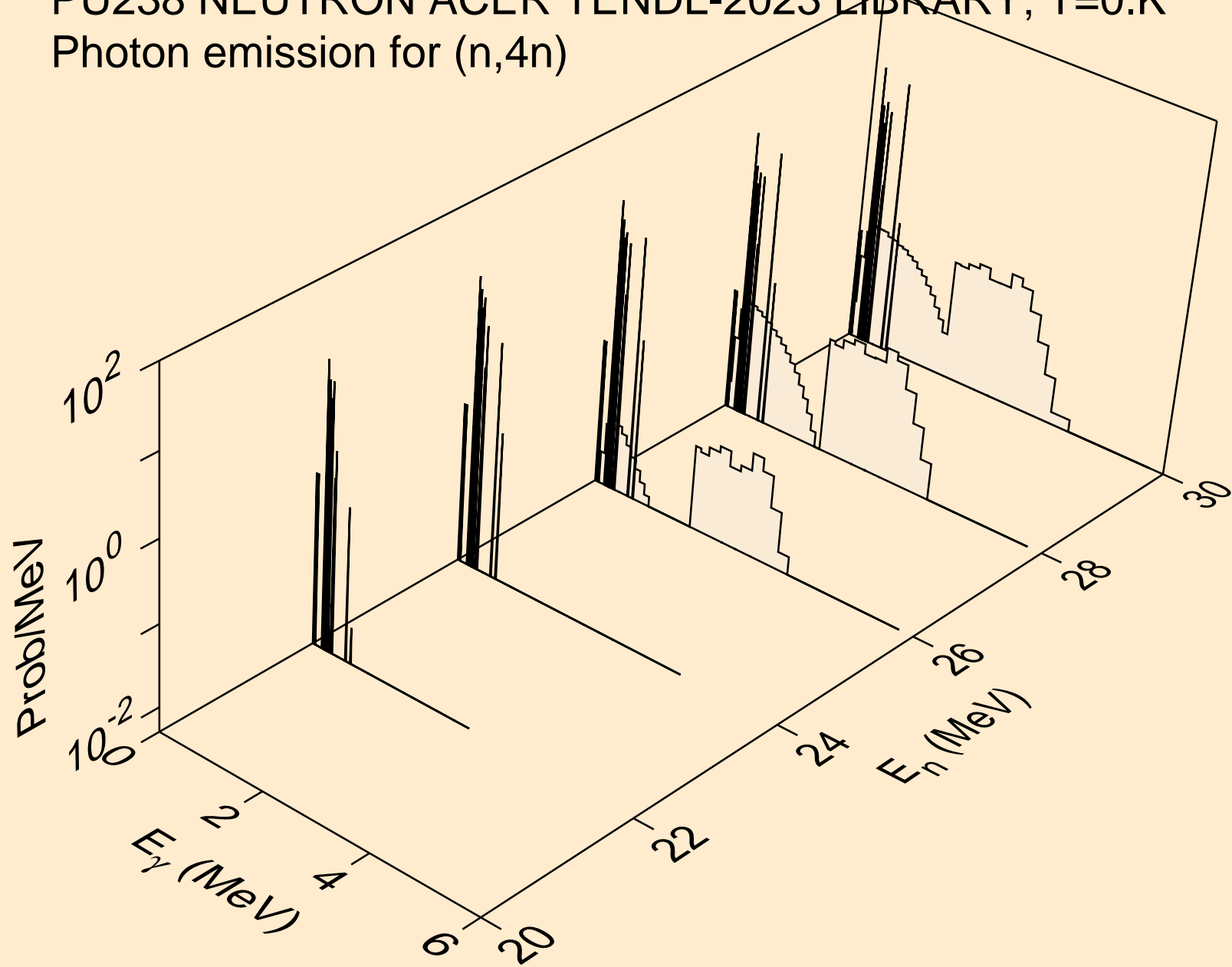




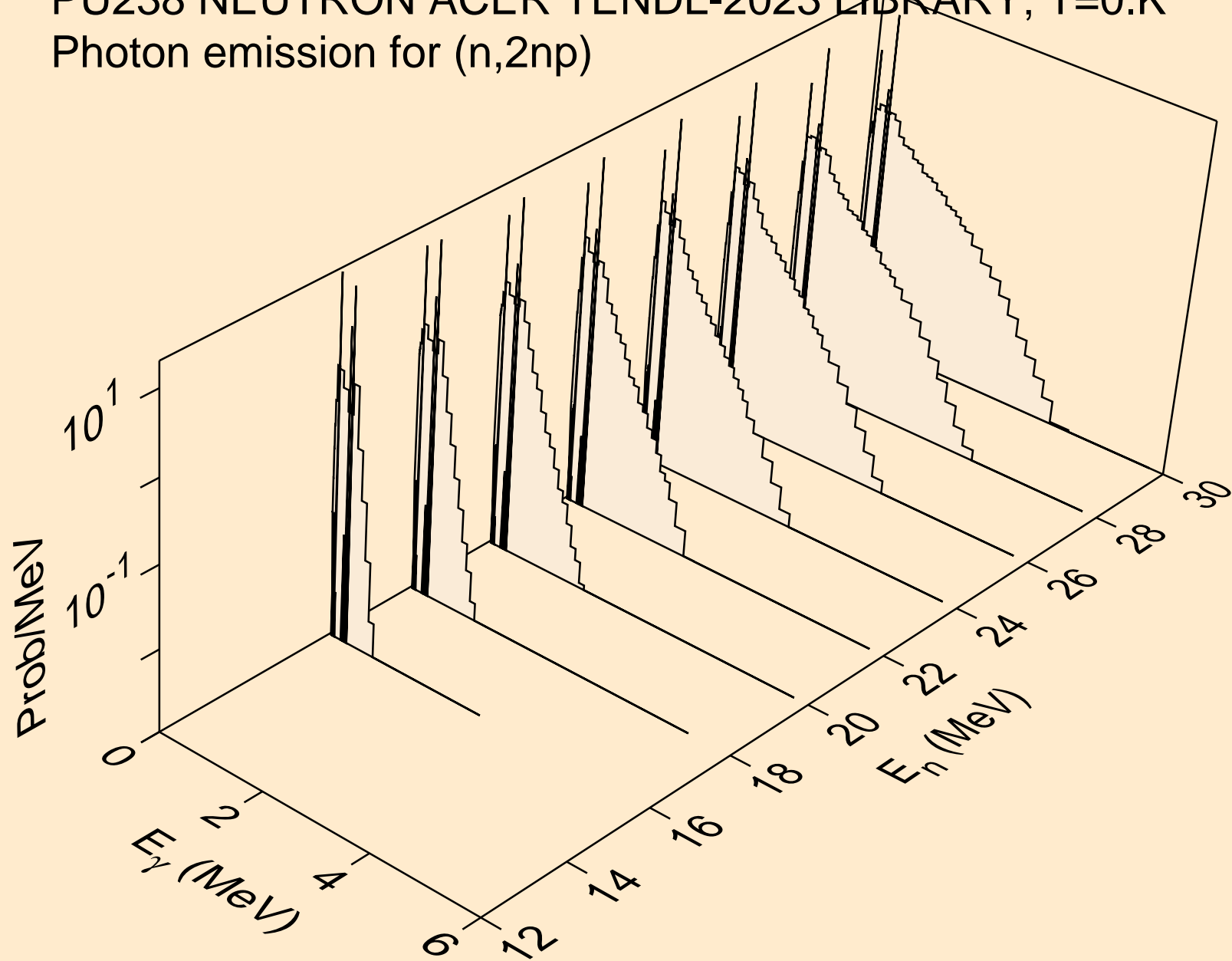
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Photon emission for (n,n\*)he3



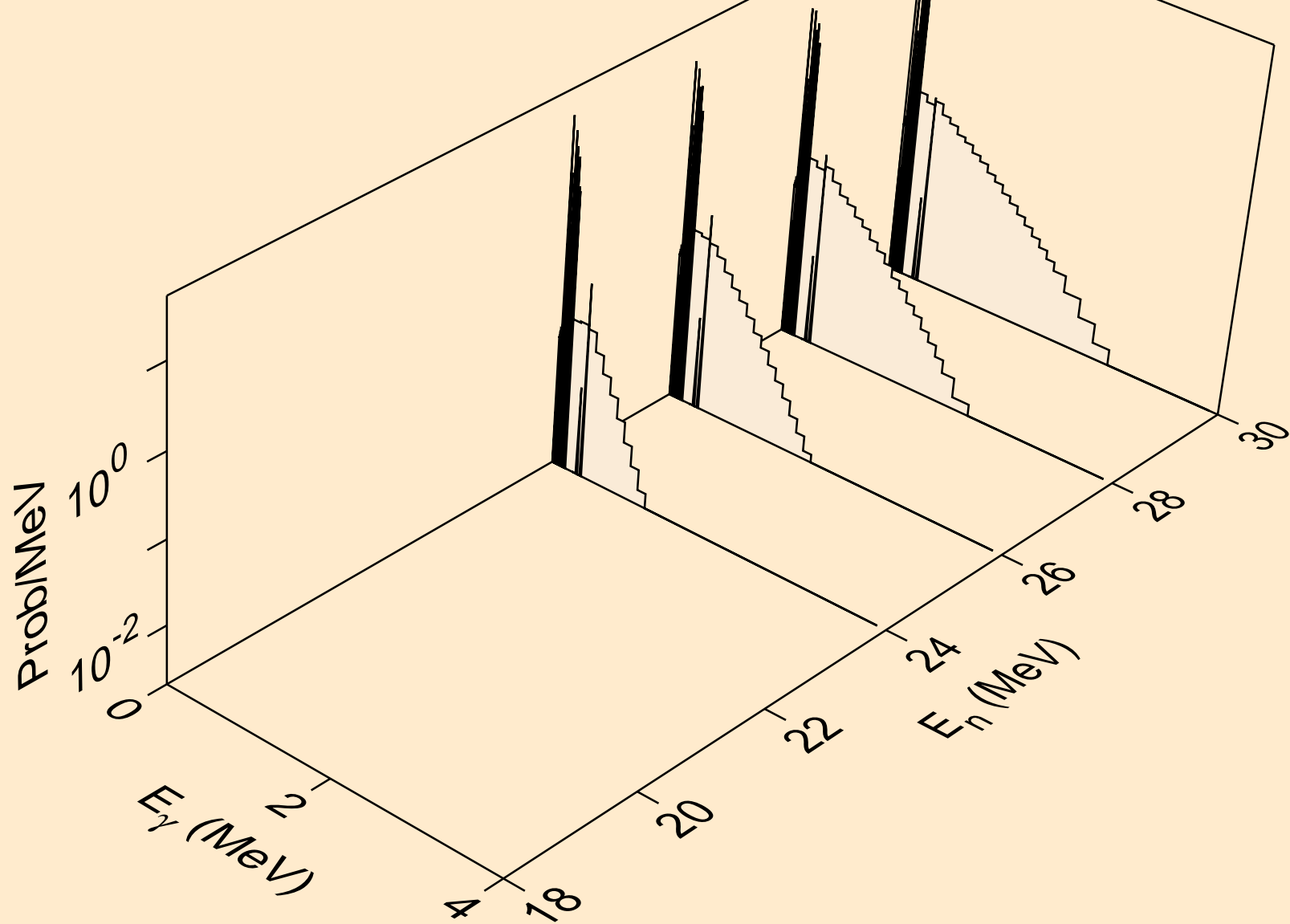
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



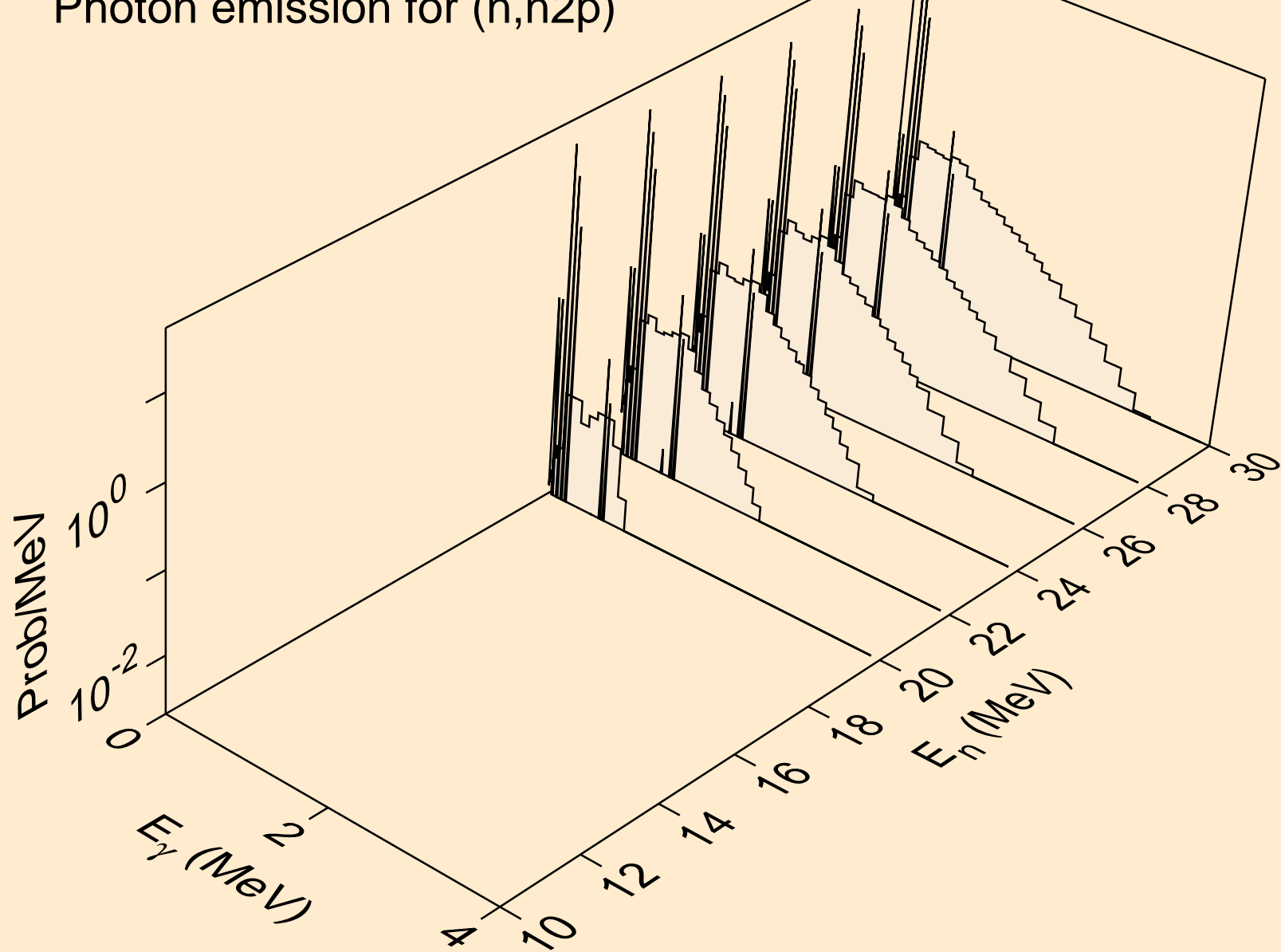
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



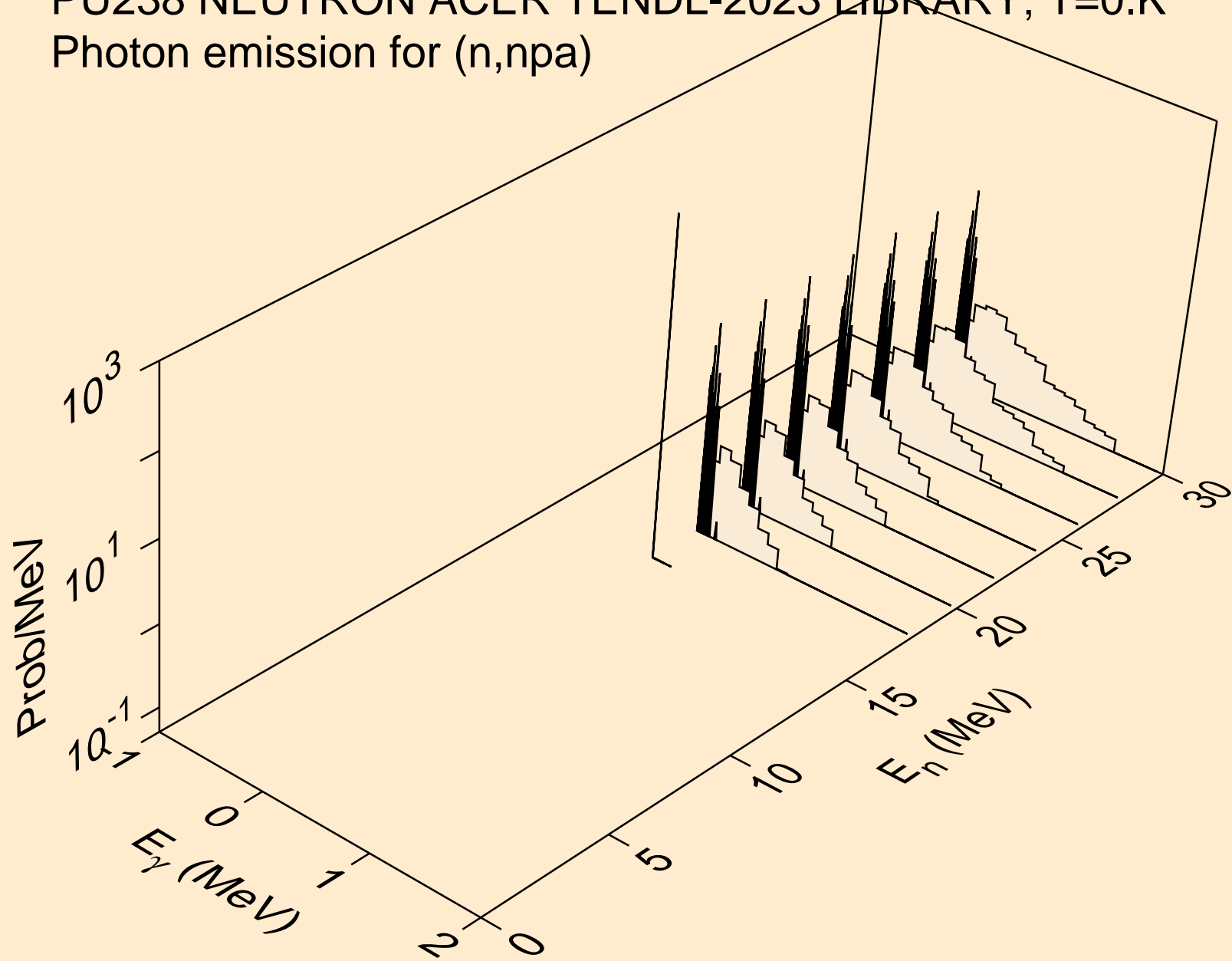
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



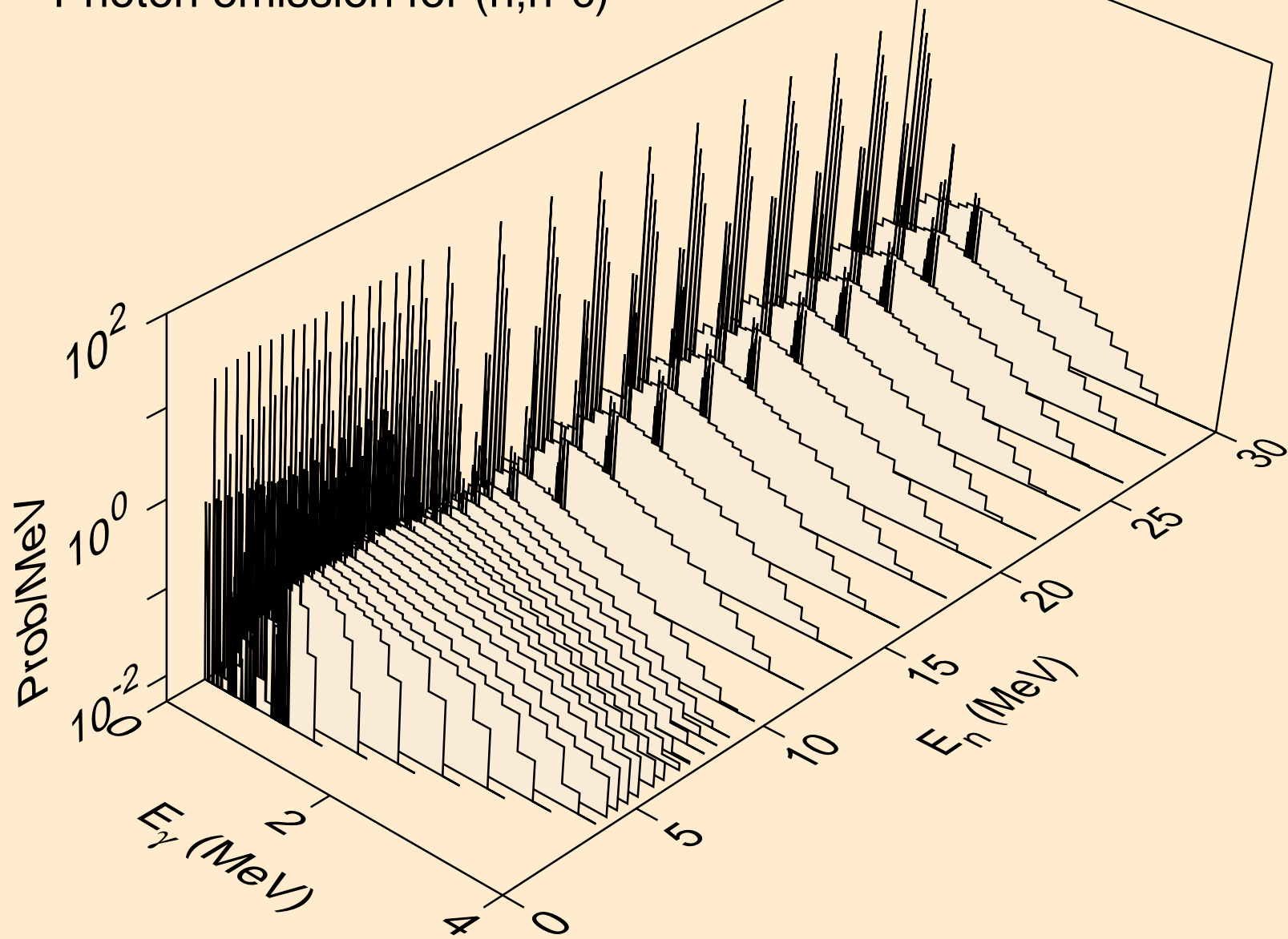
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



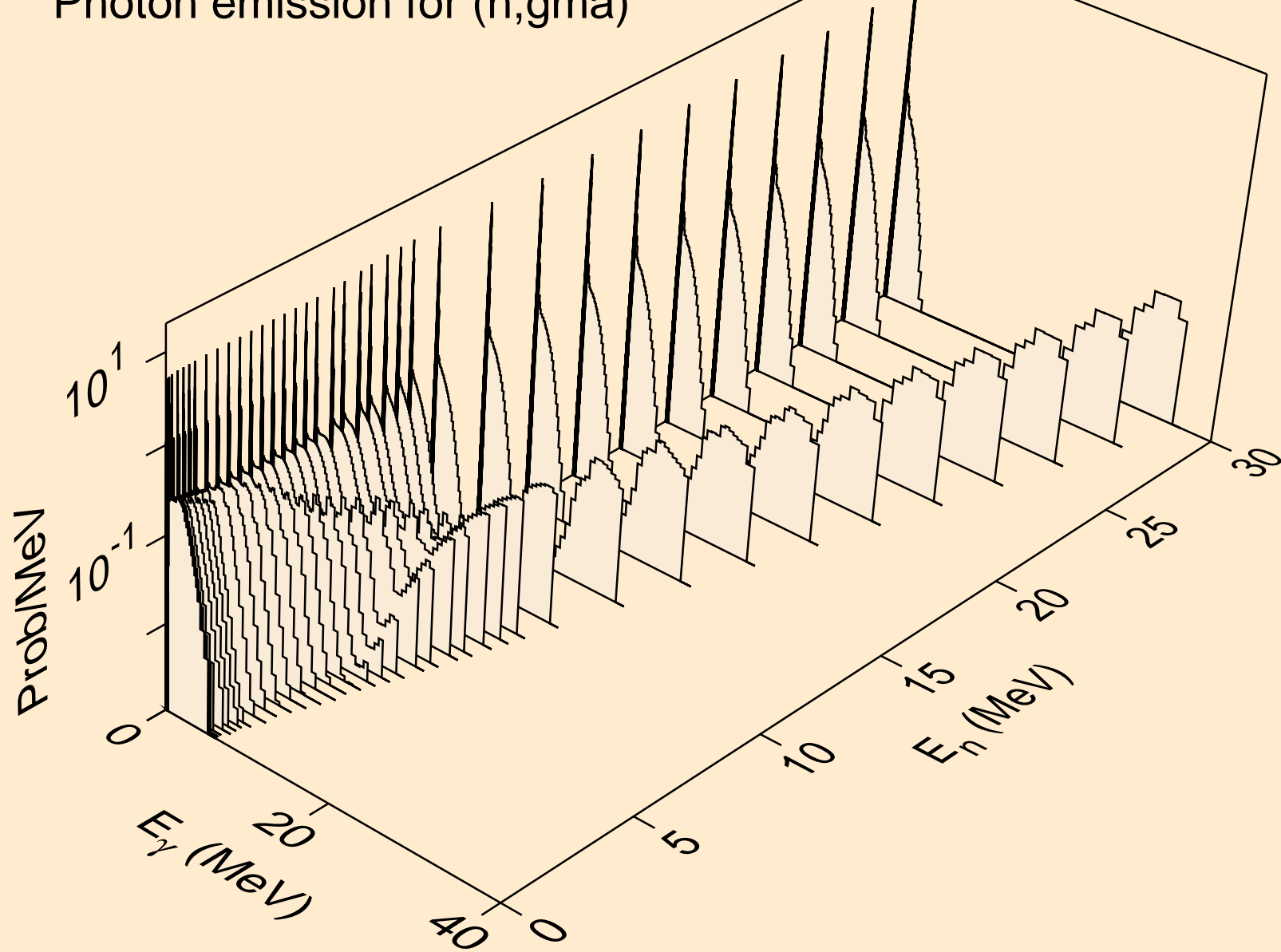
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

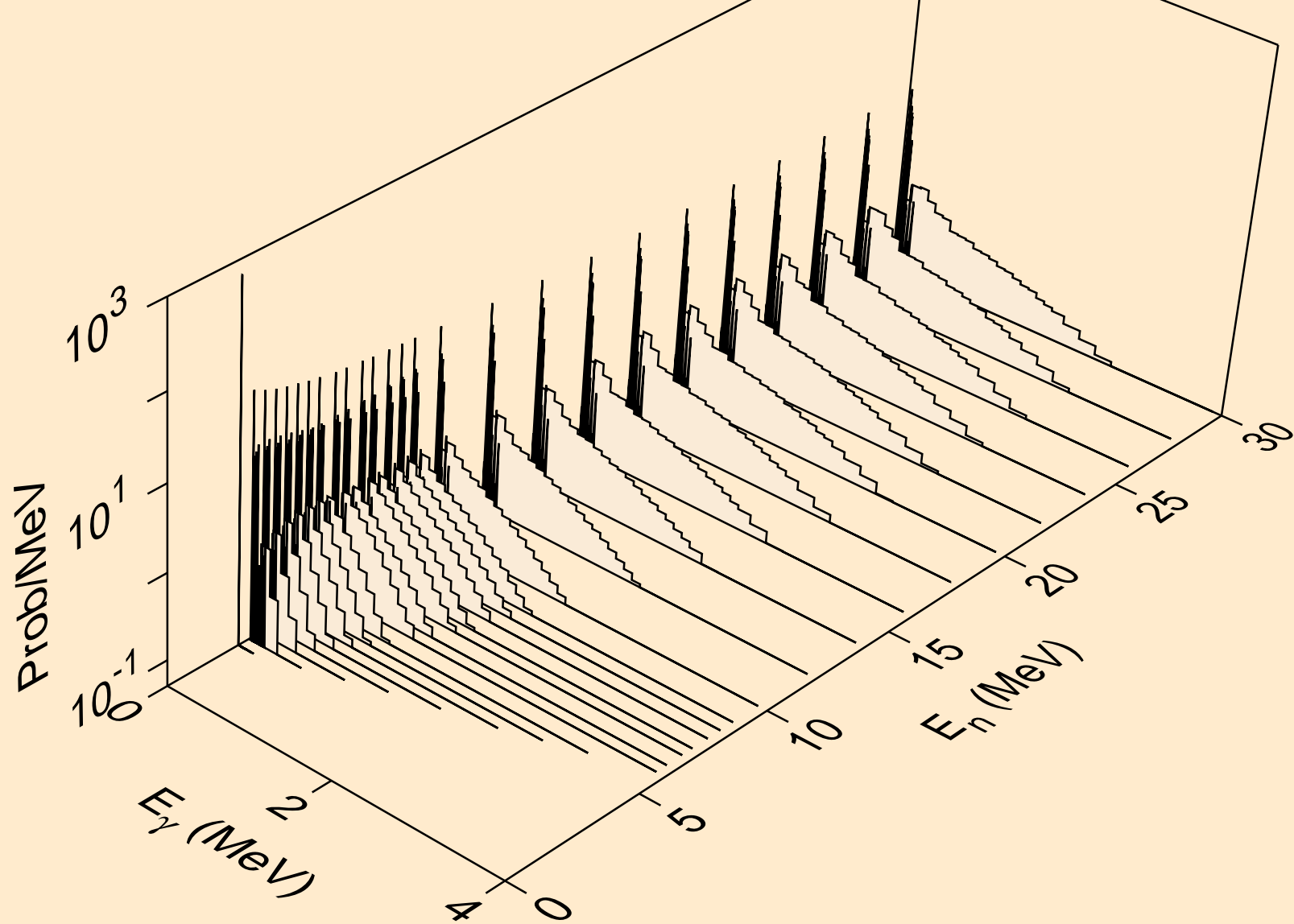


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

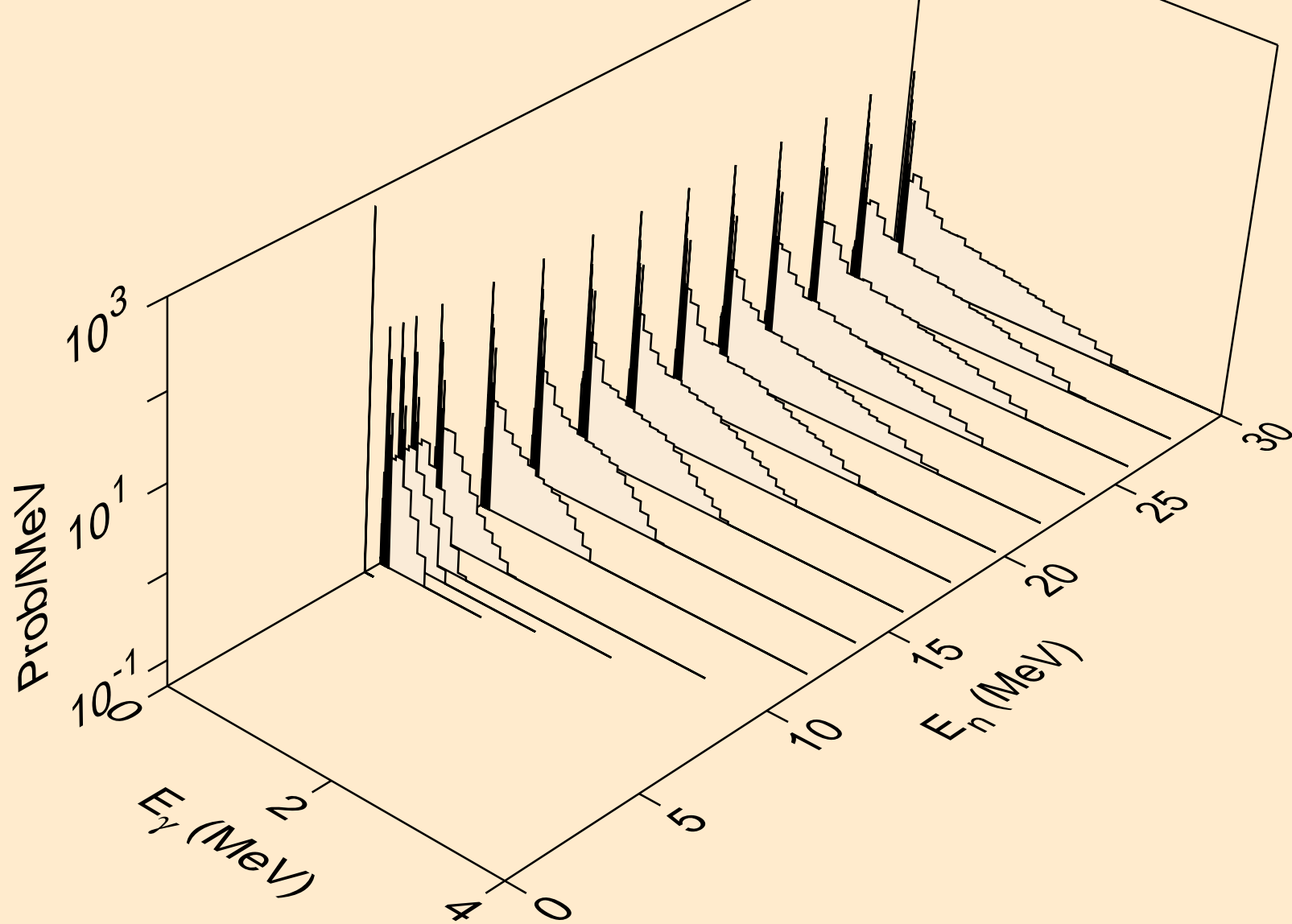




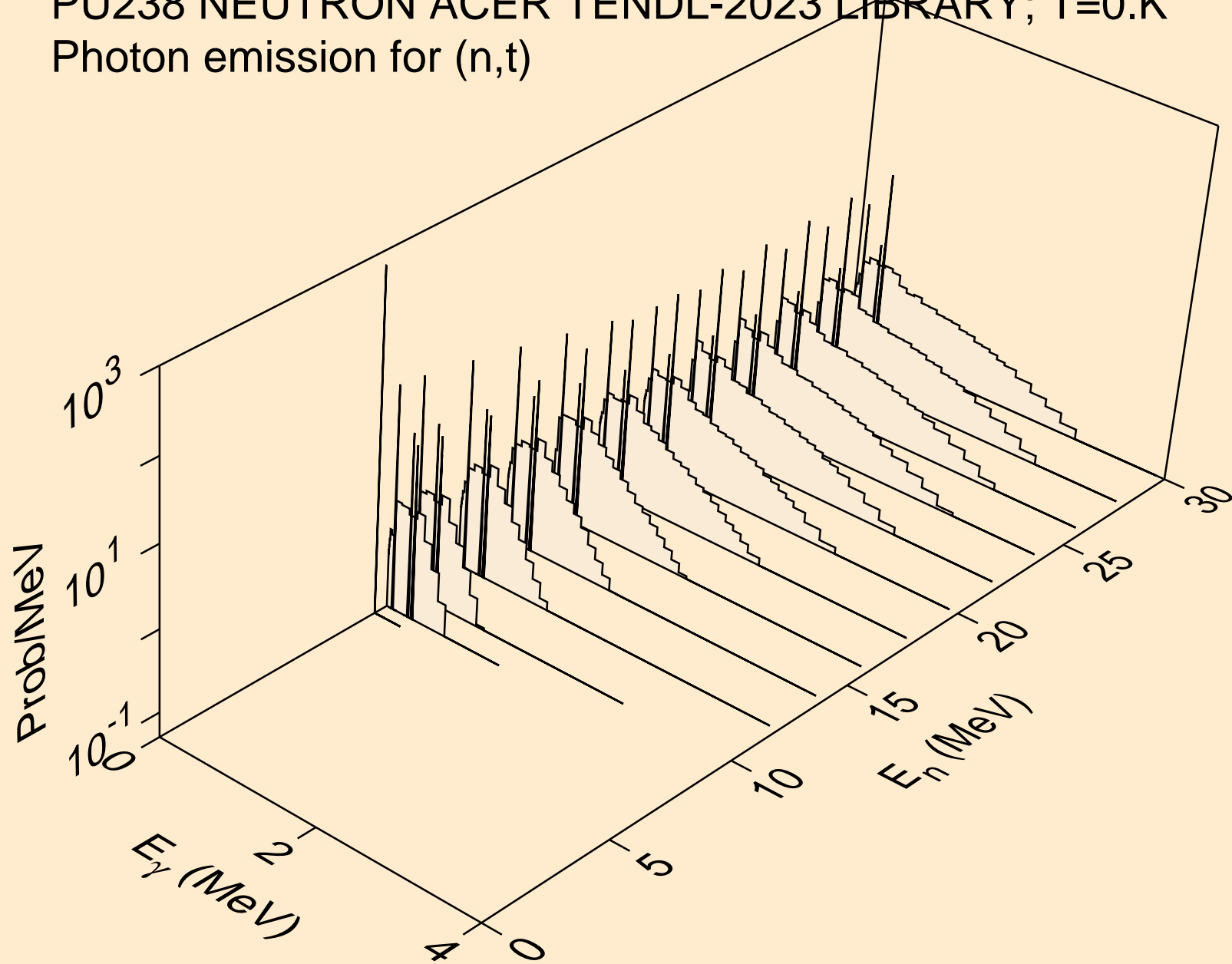
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



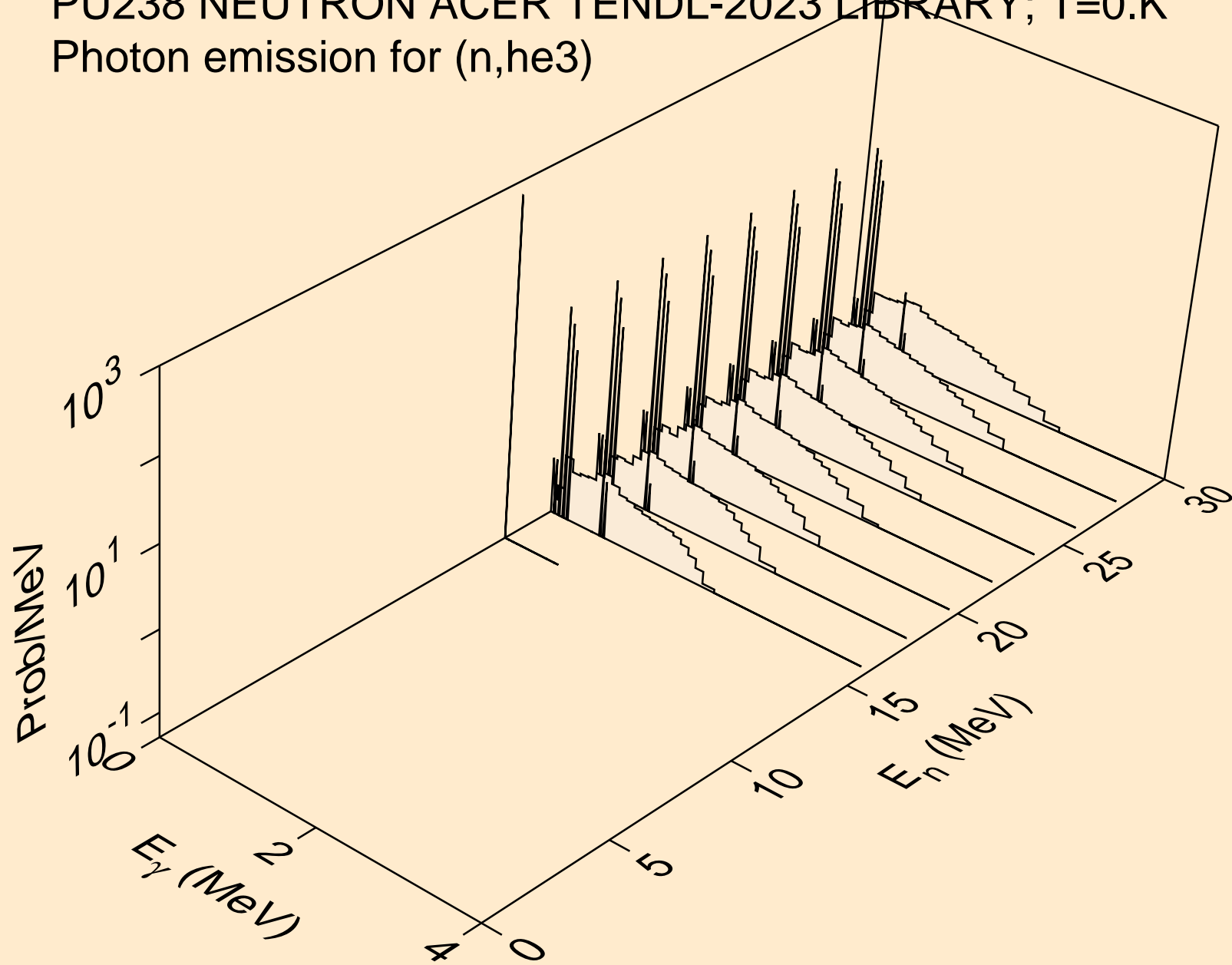
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



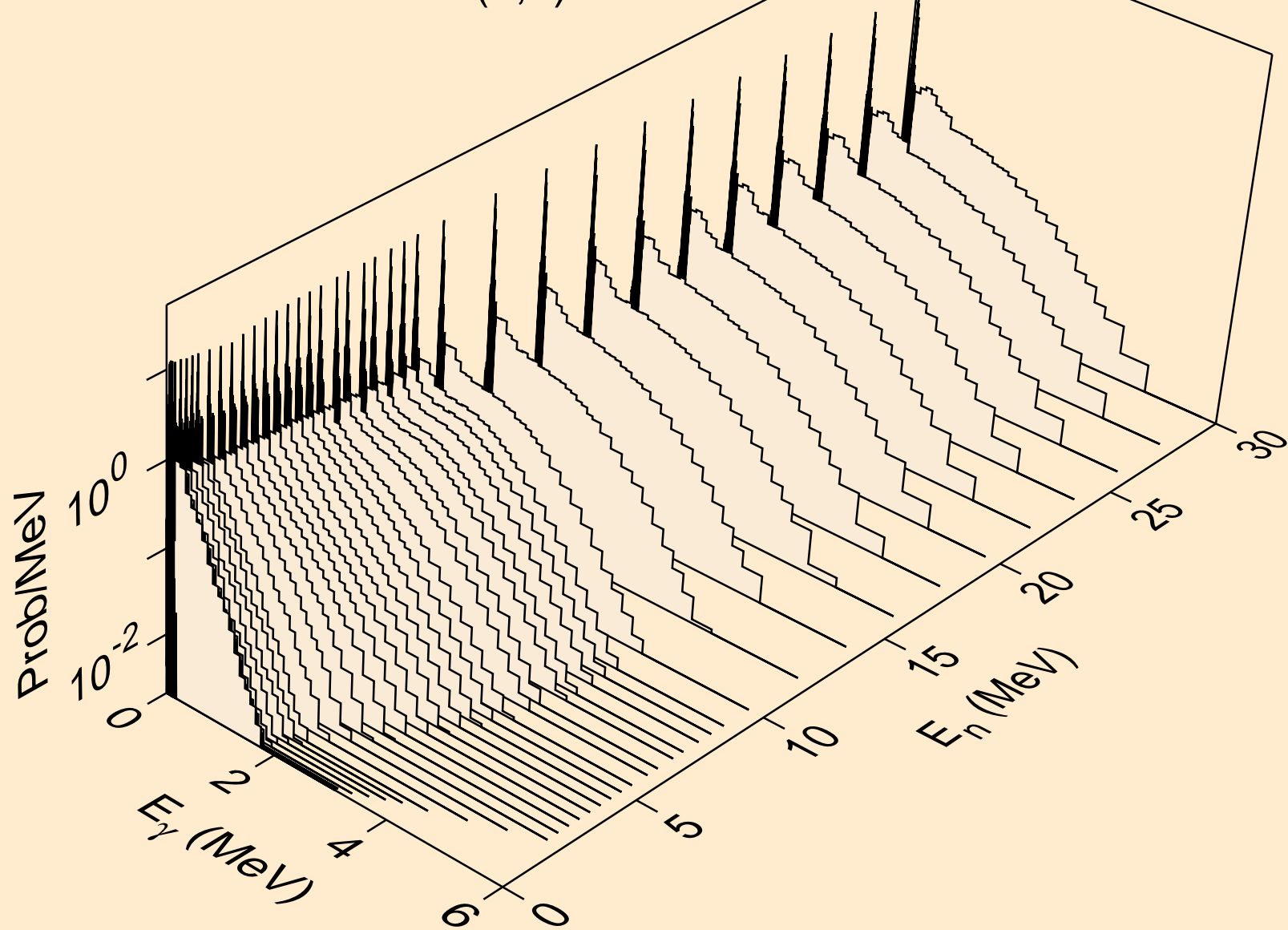
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



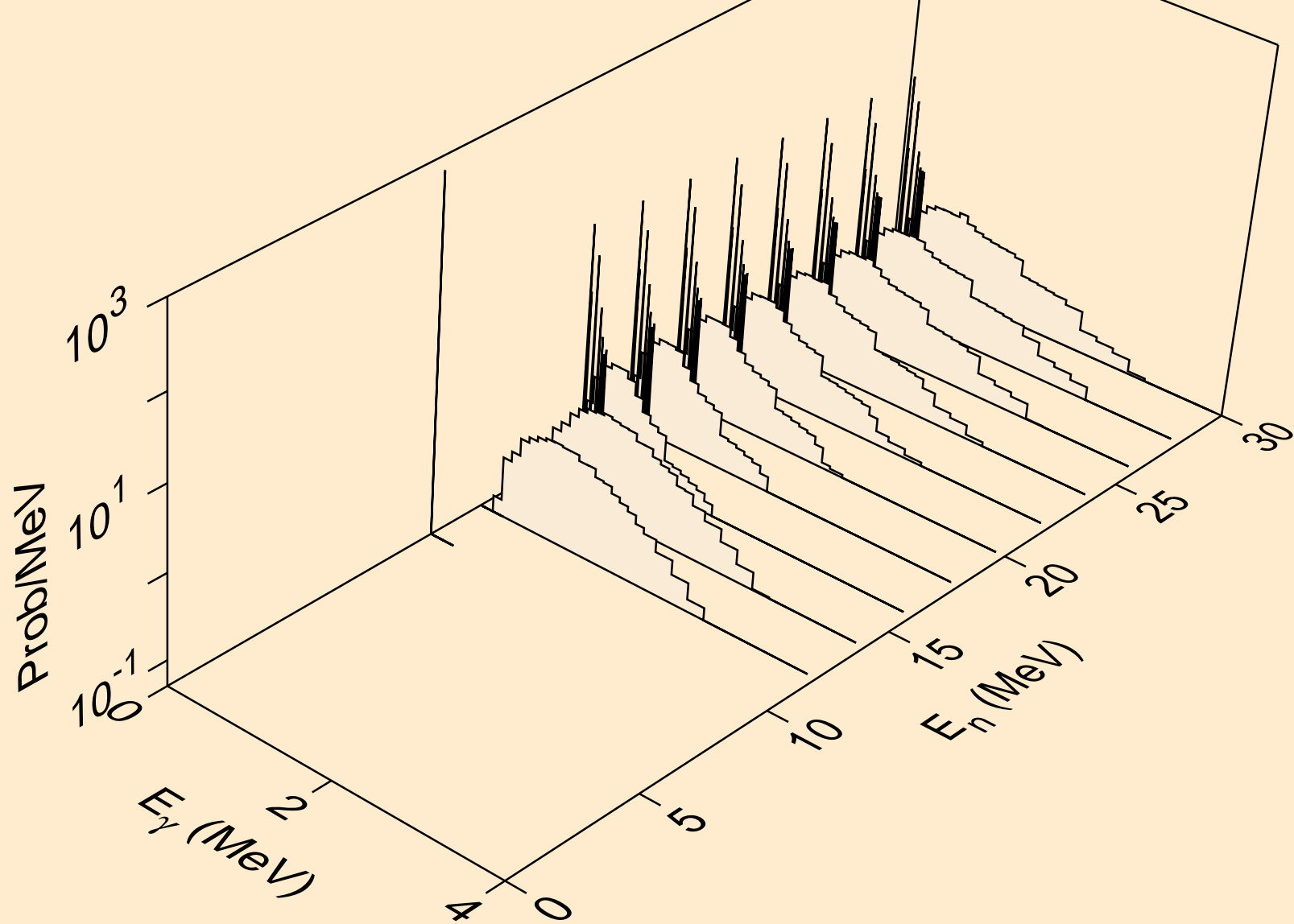
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Photon emission for (n,he3)



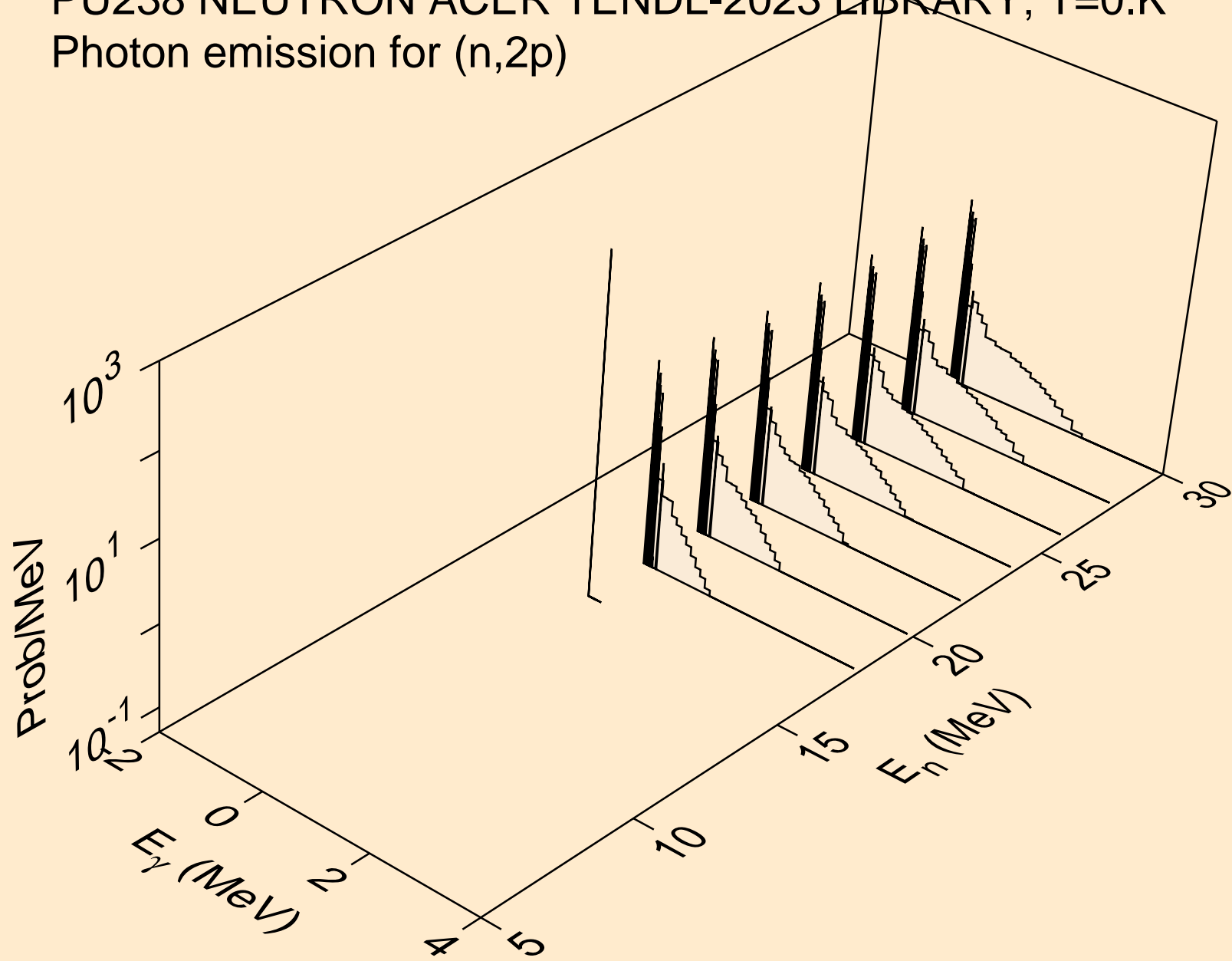
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Photon emission for (n,a)



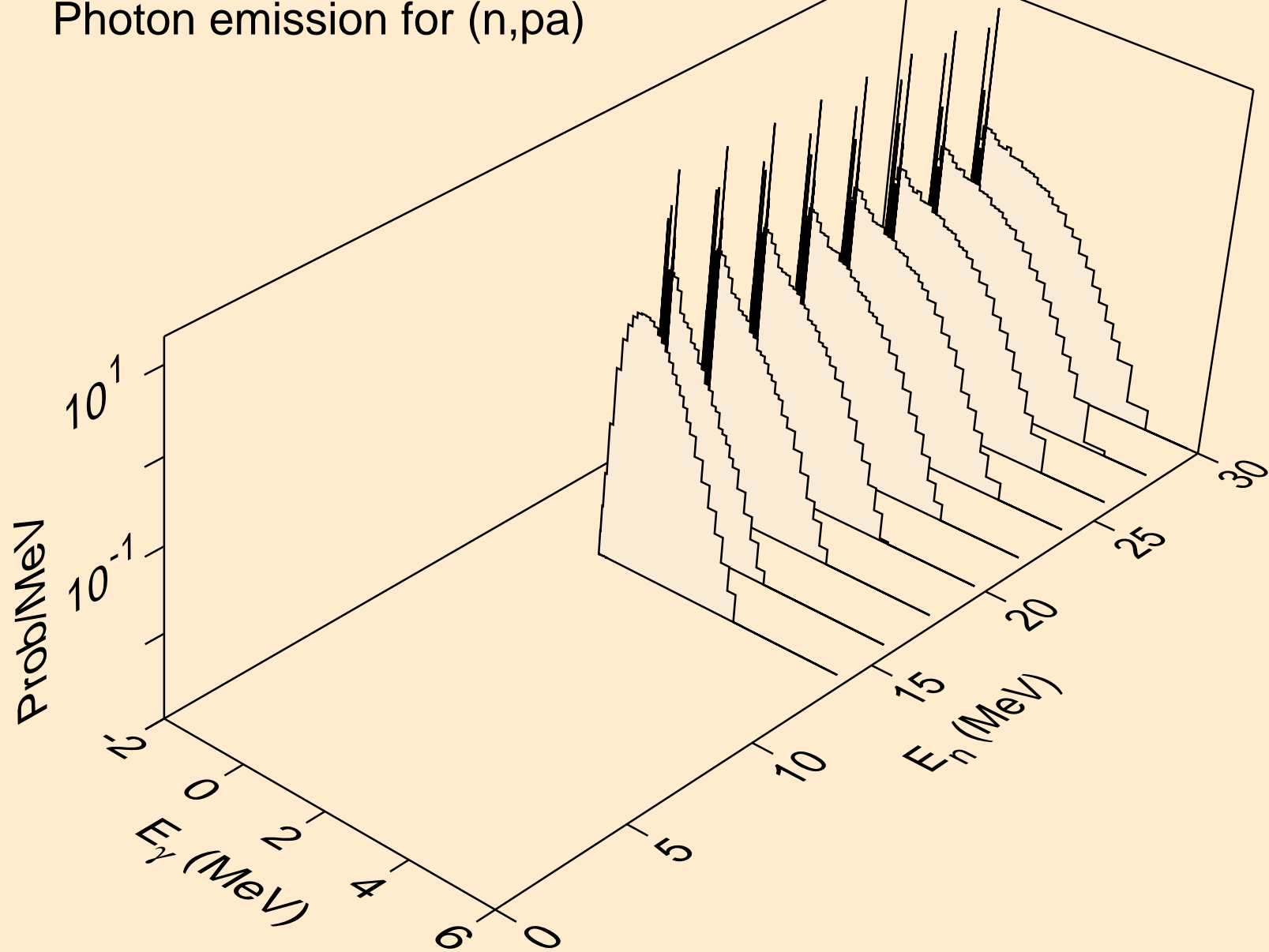
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

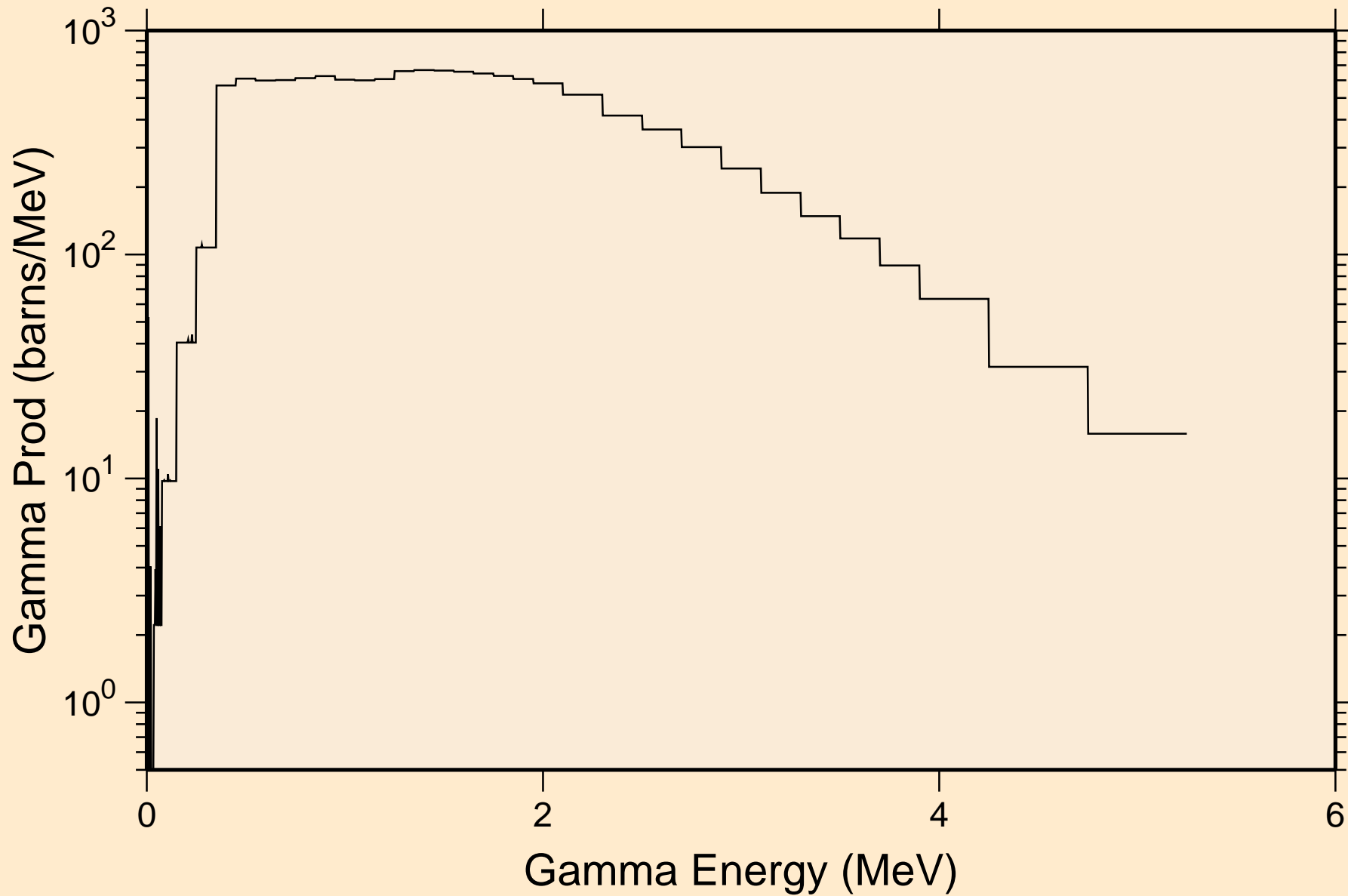


PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

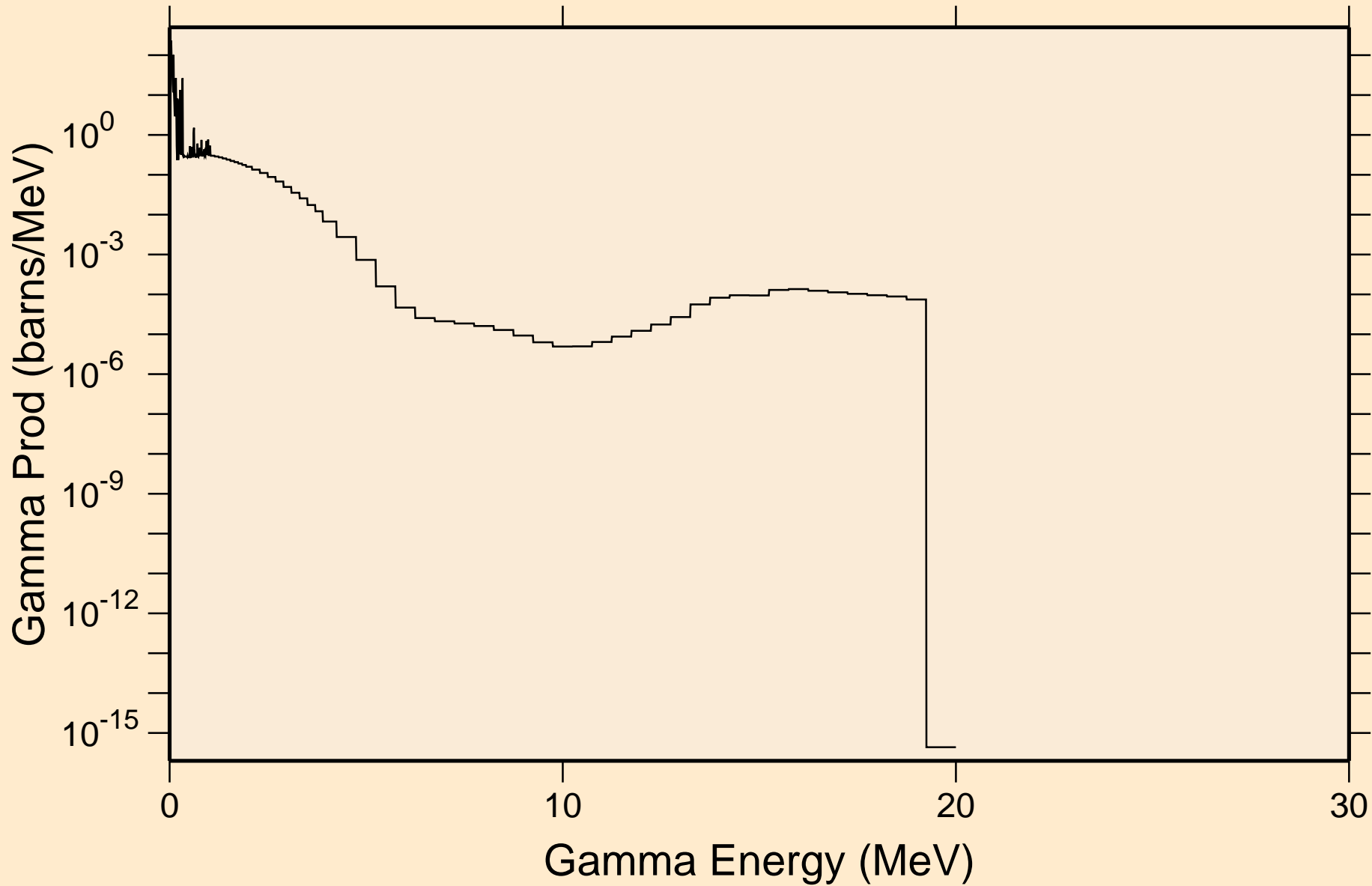




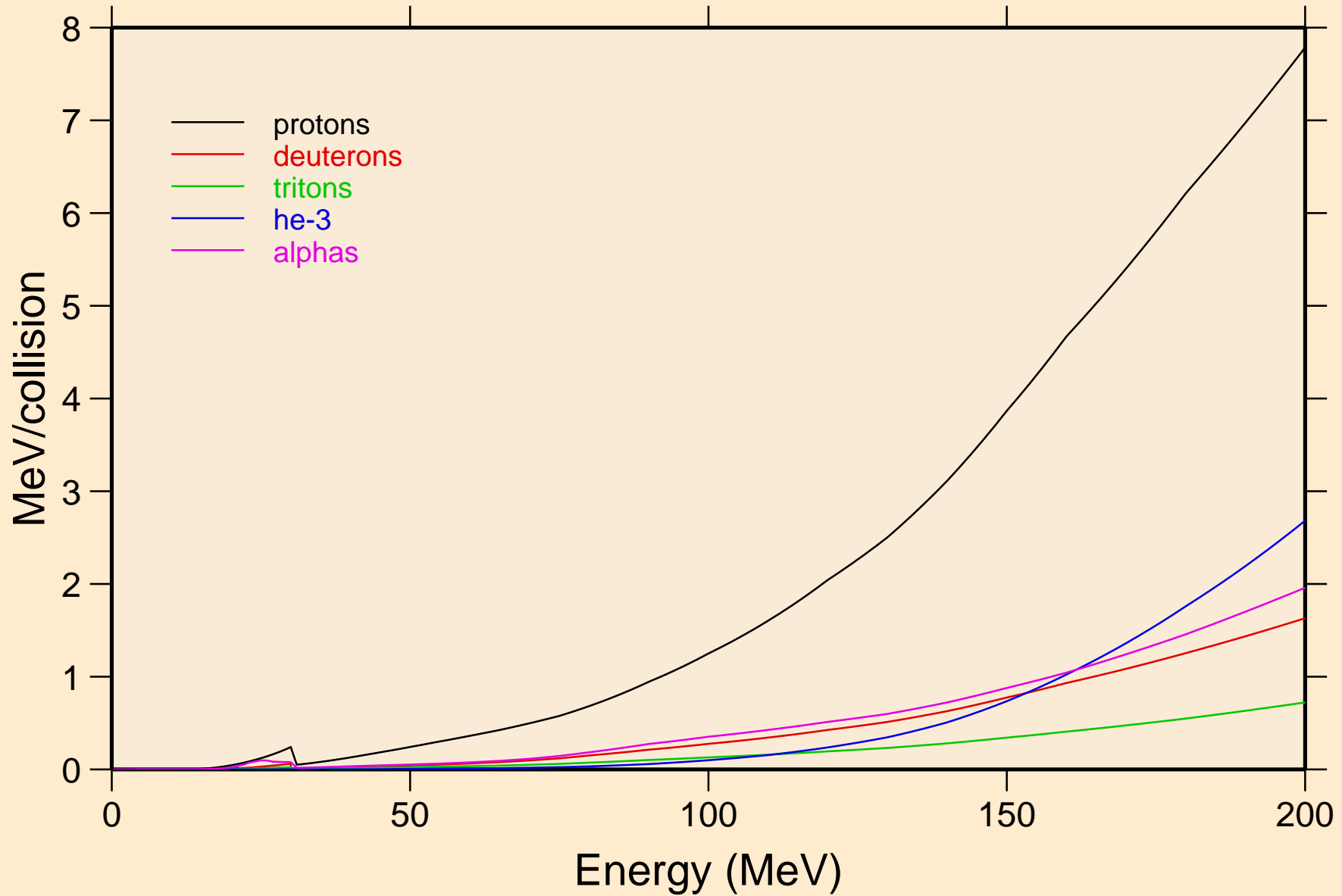
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thermal capture photon spectrum



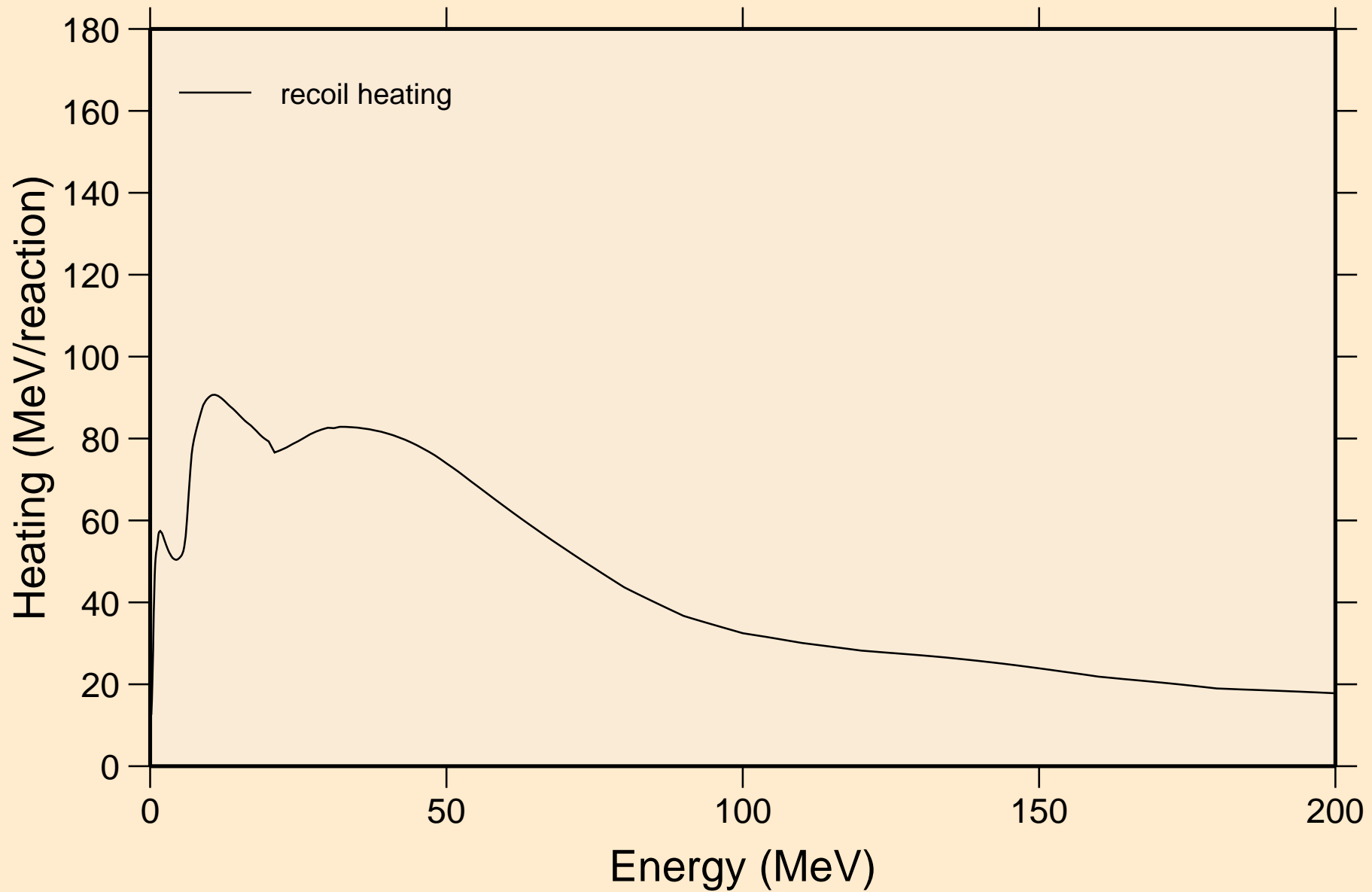
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14 MeV photon spectrum



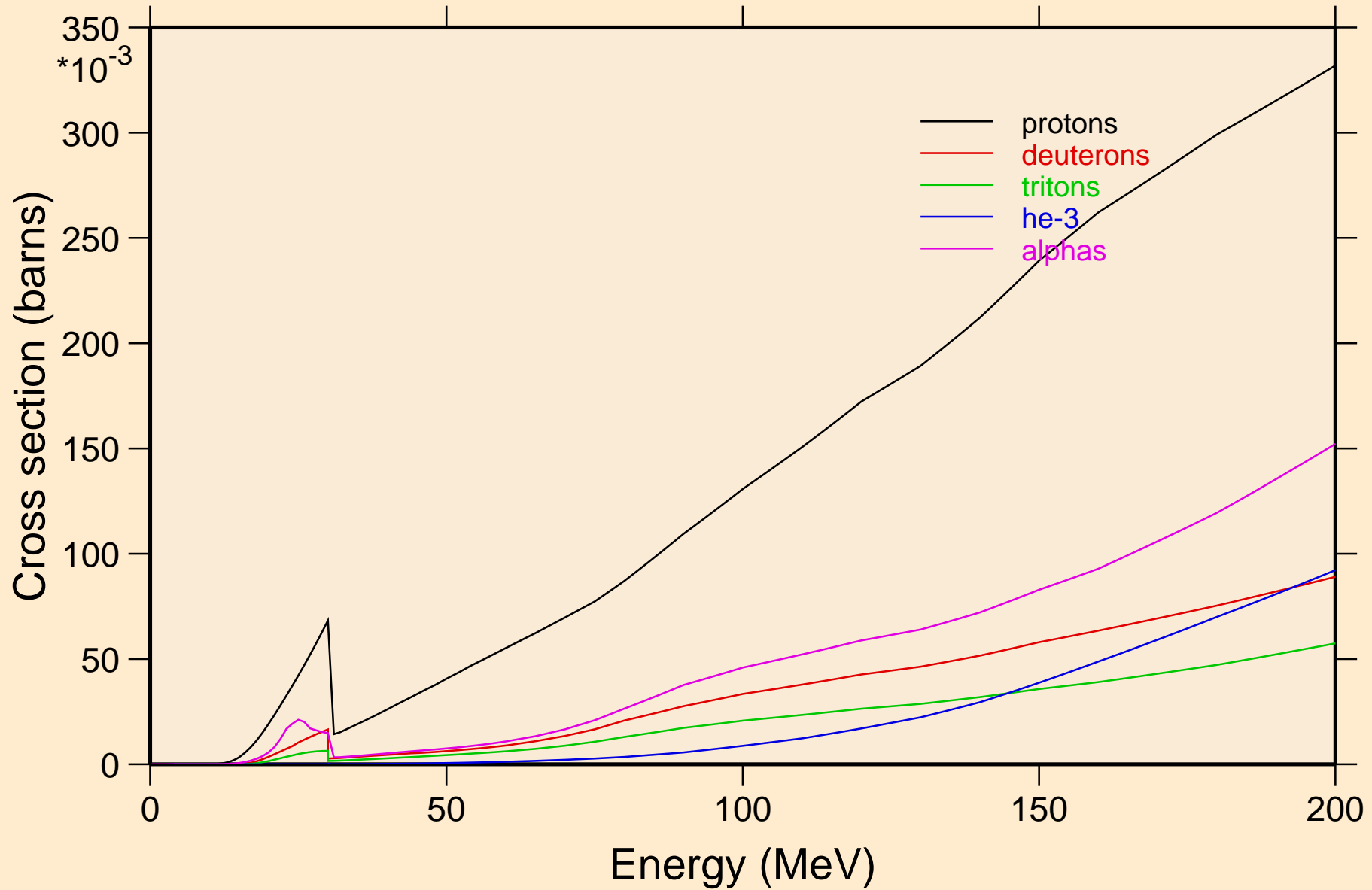
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Particle heating contributions



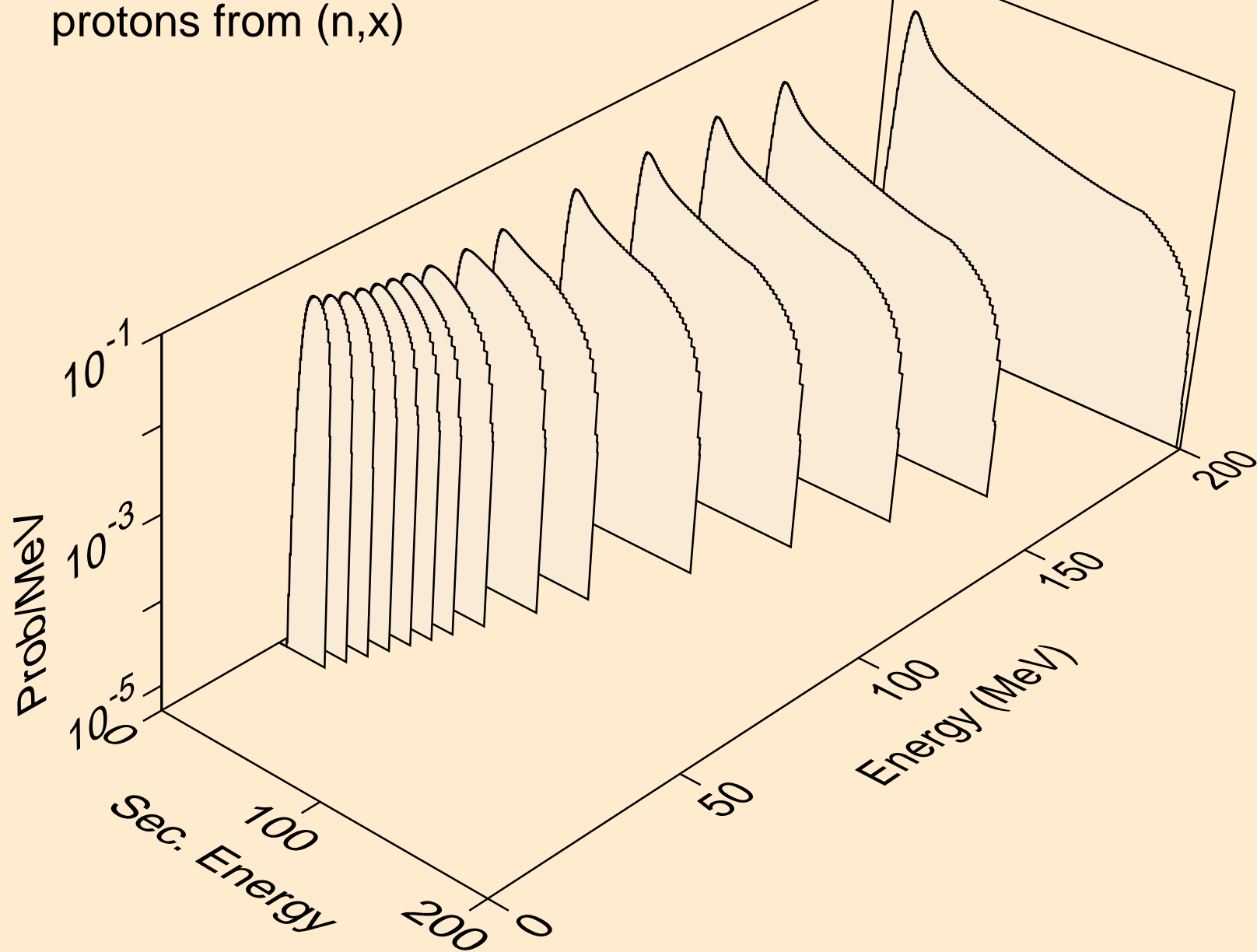
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Recoil Heating



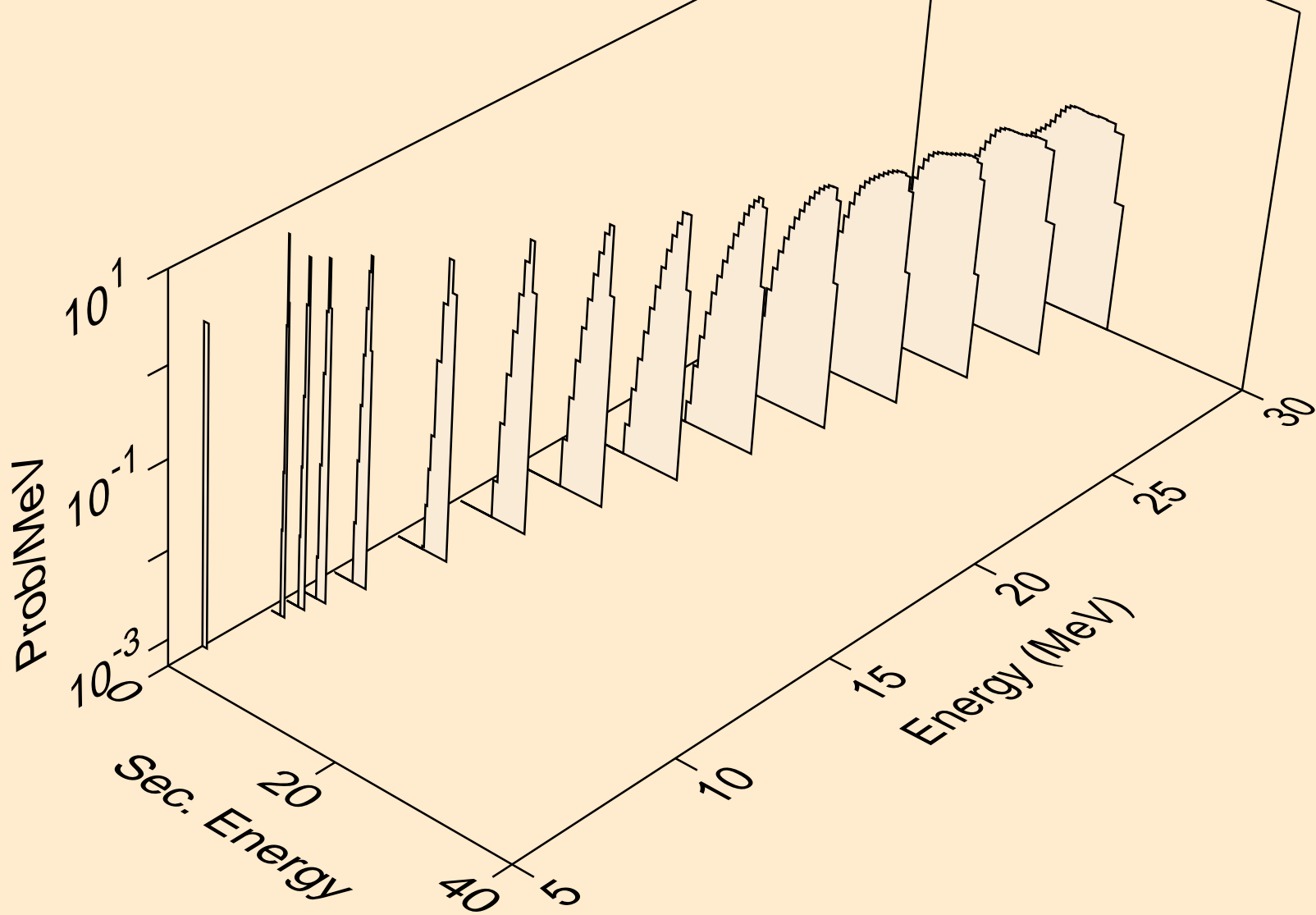
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Particle production cross sections



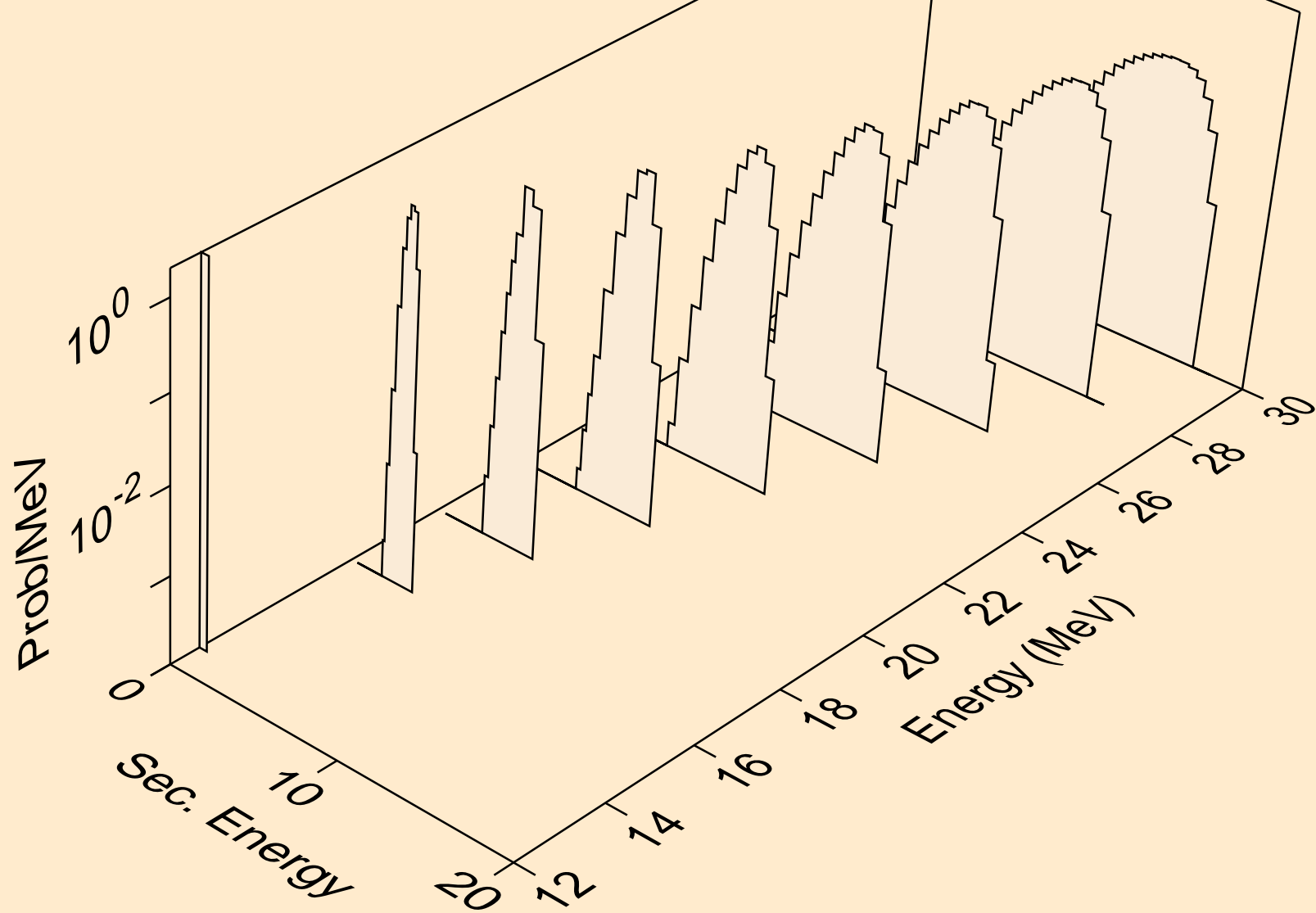
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

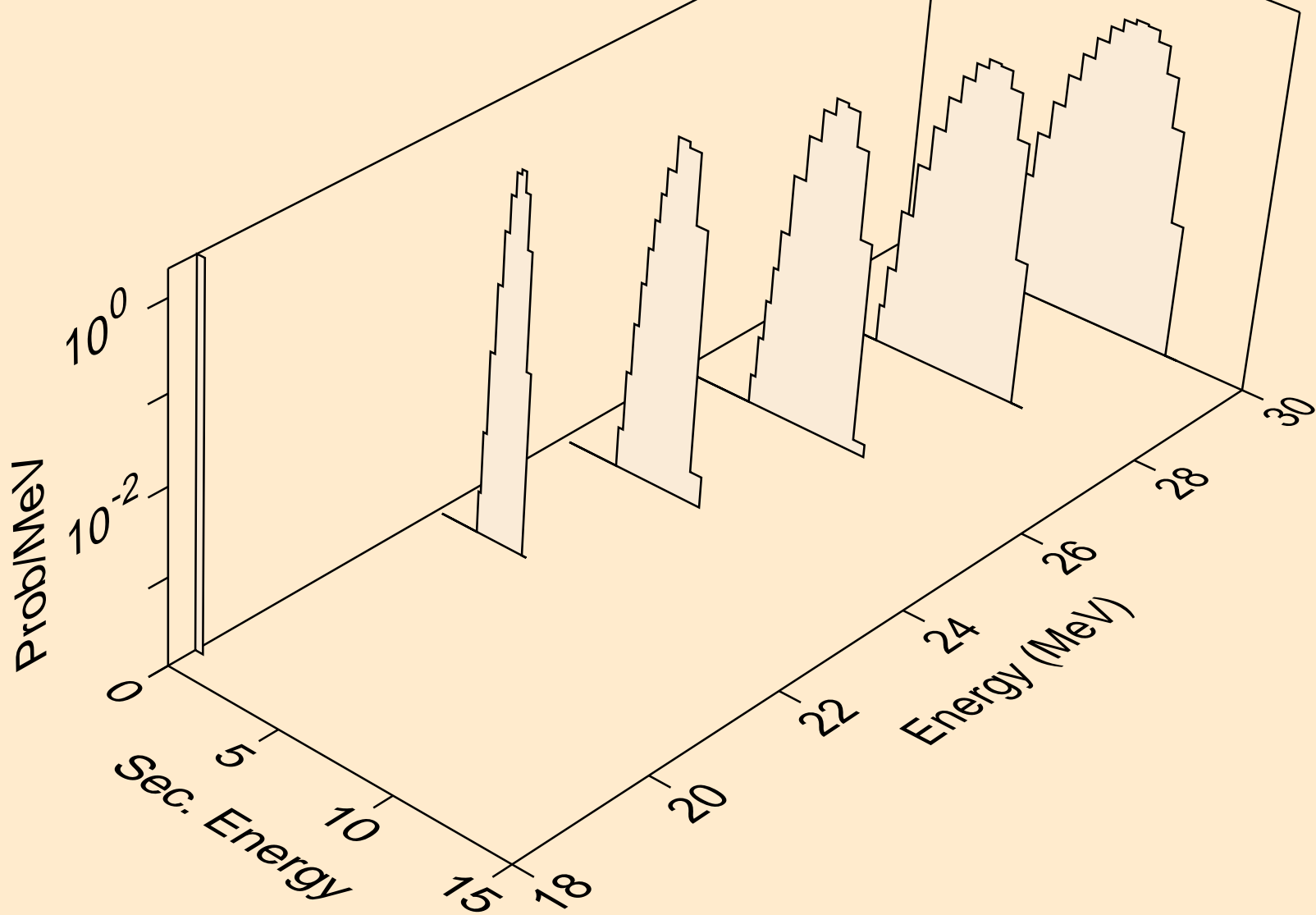


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protons from (n,2np)

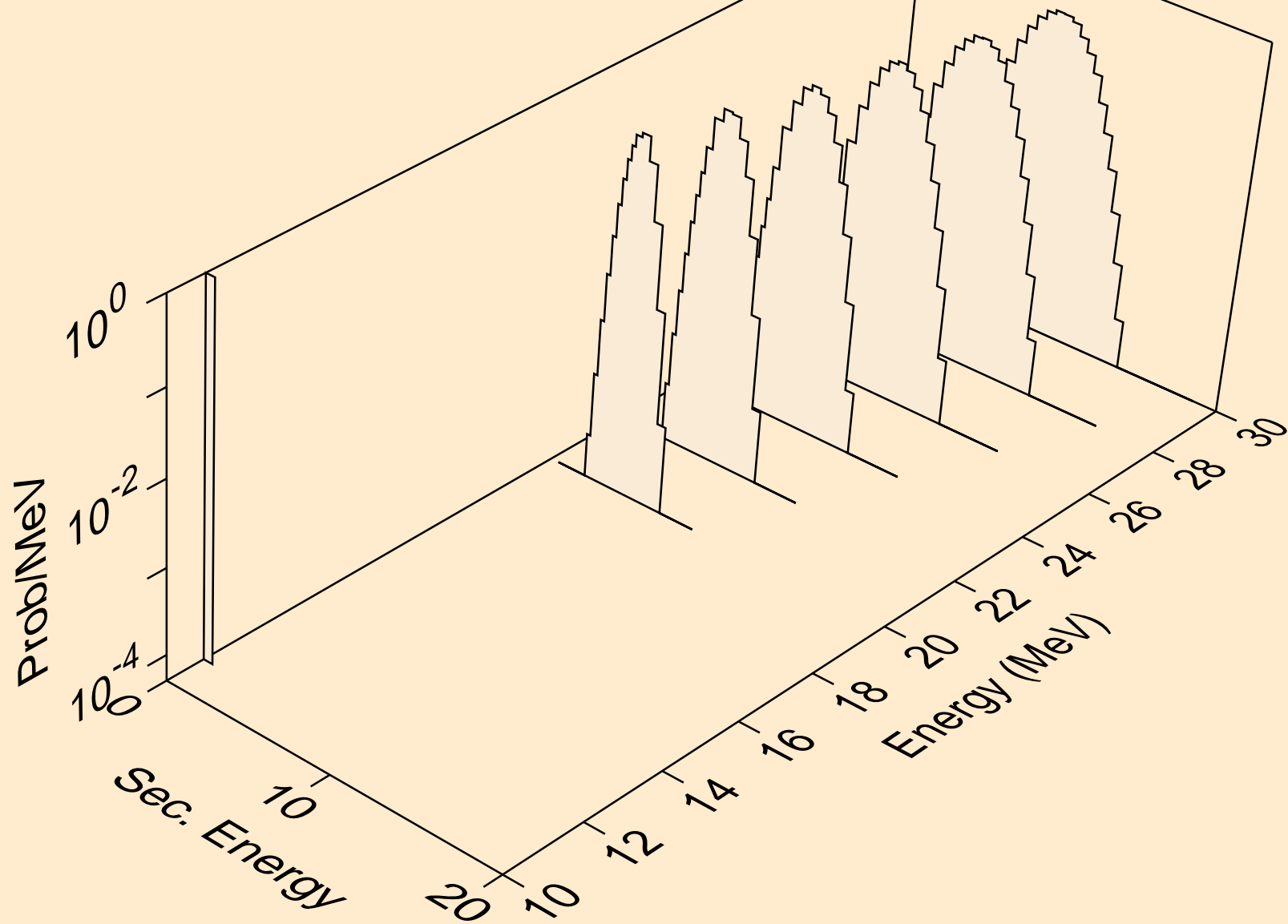




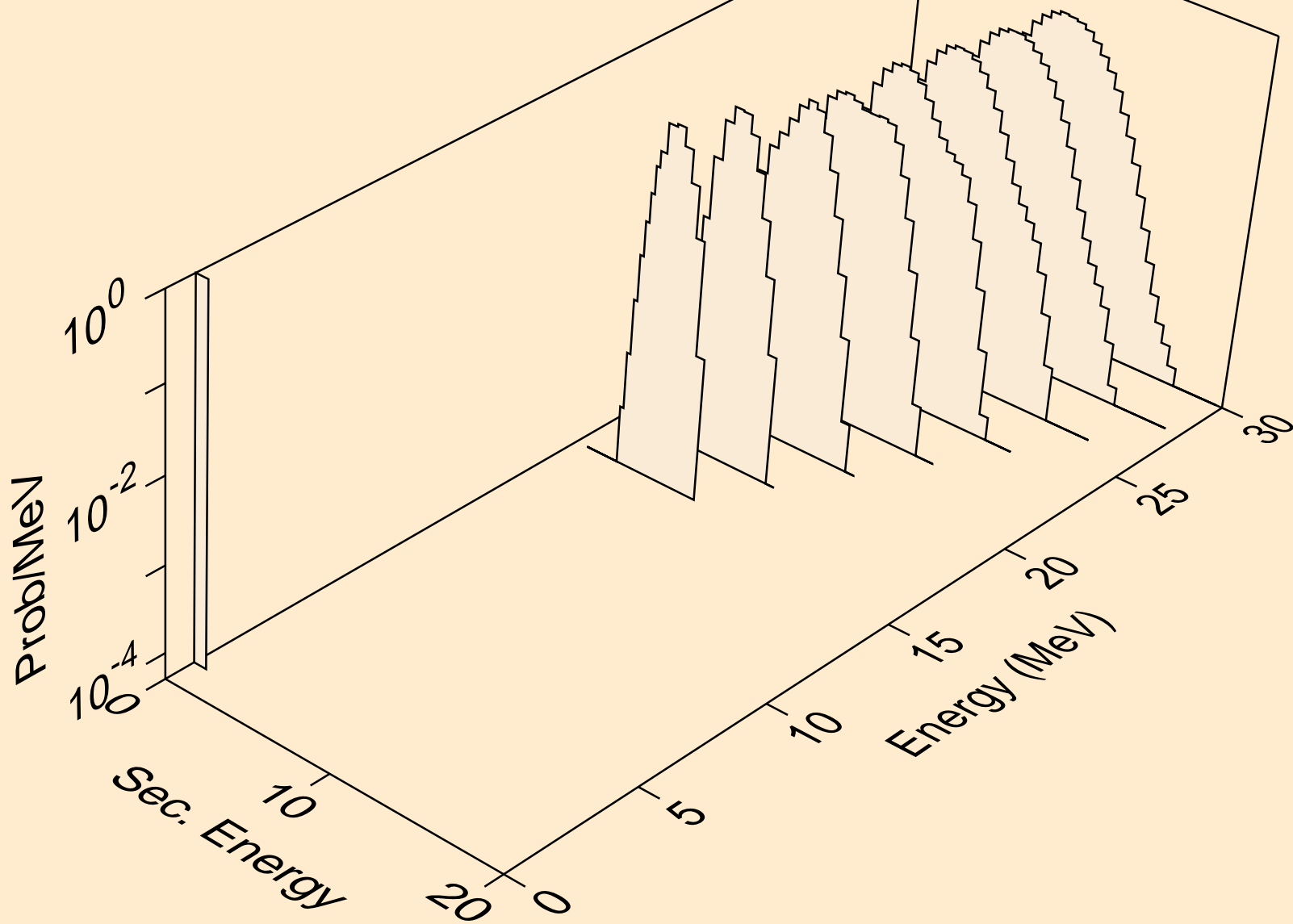
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protons from (n,3np)



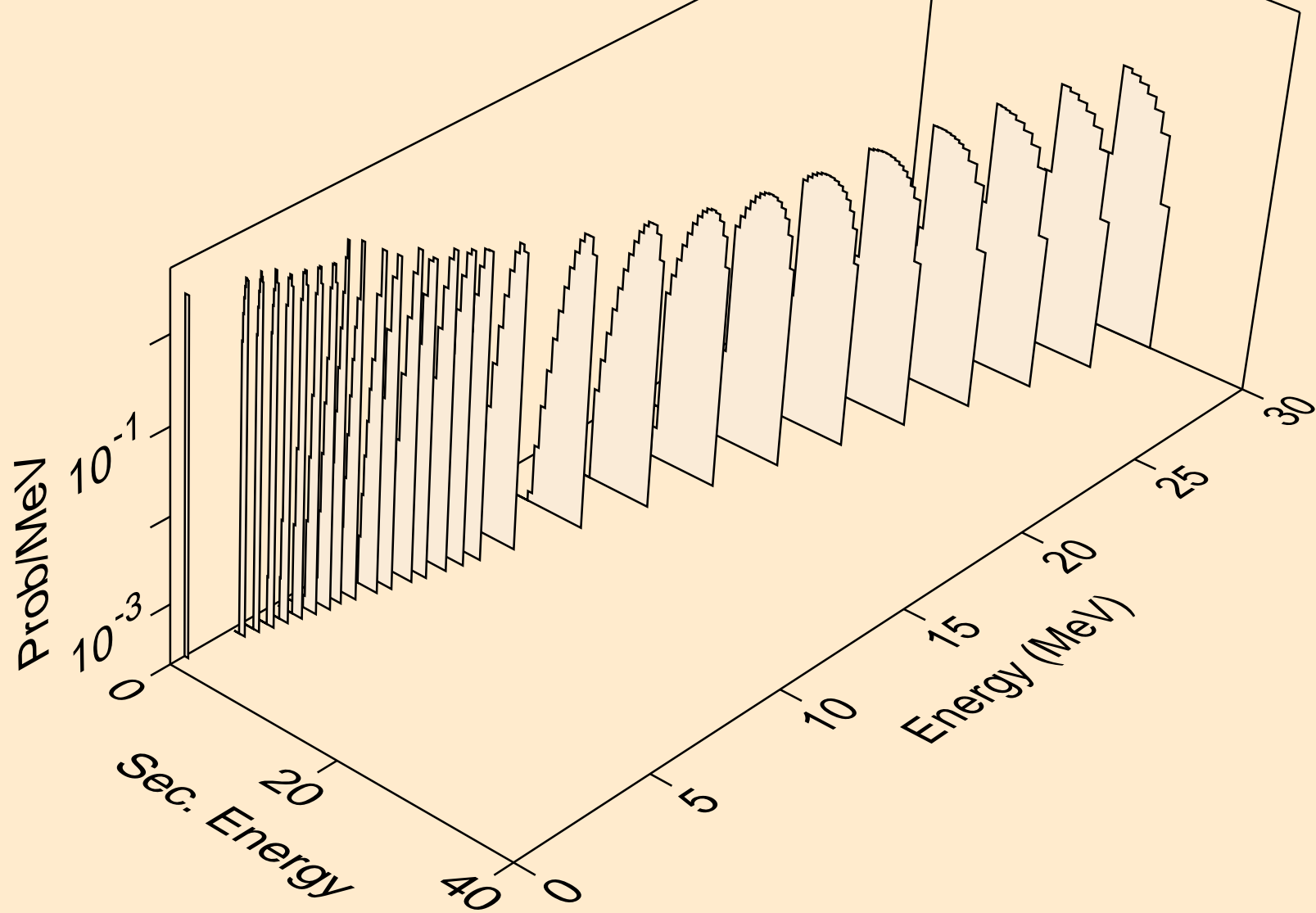
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protons from (n,n2p)



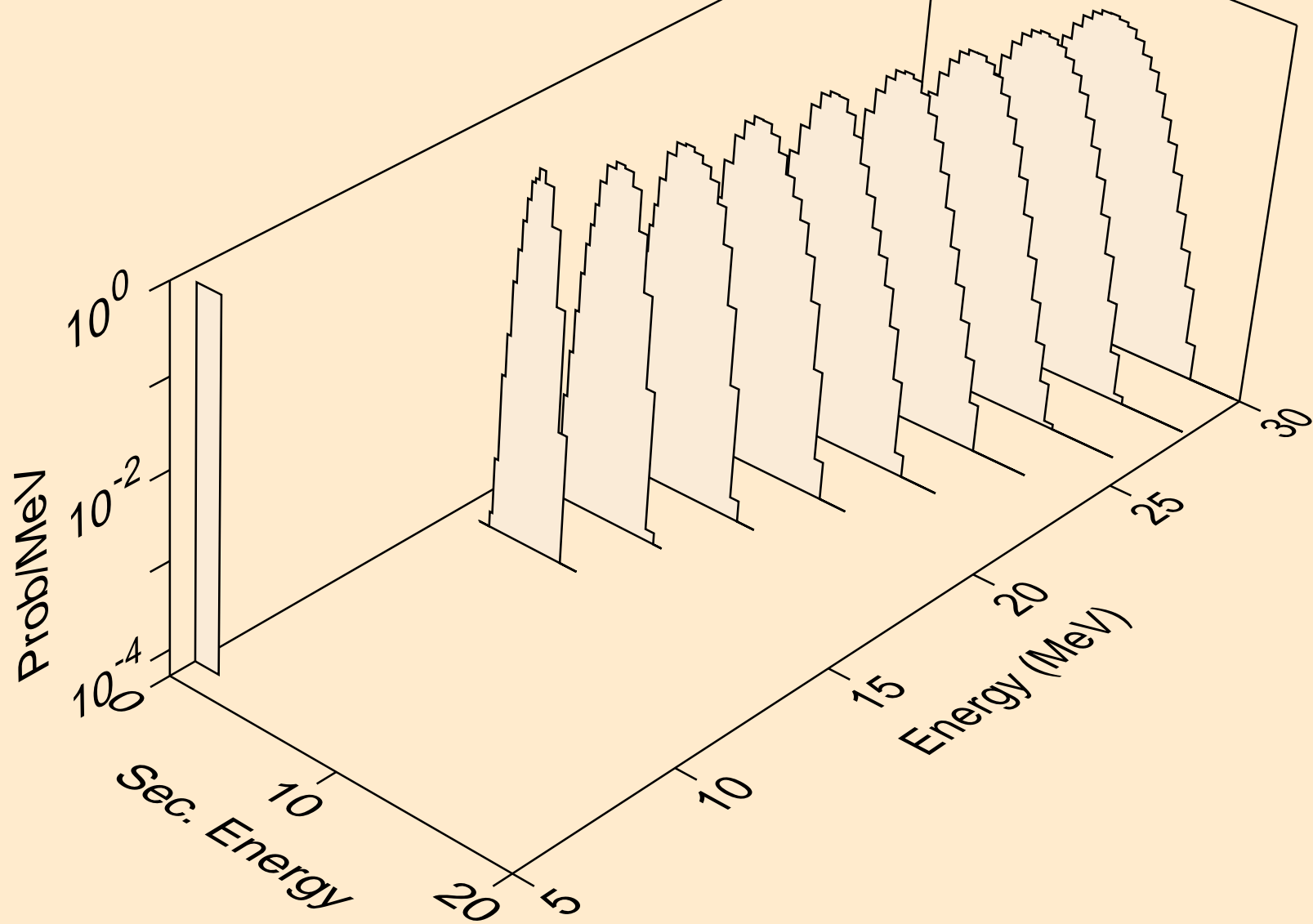
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protons from (n,npa)



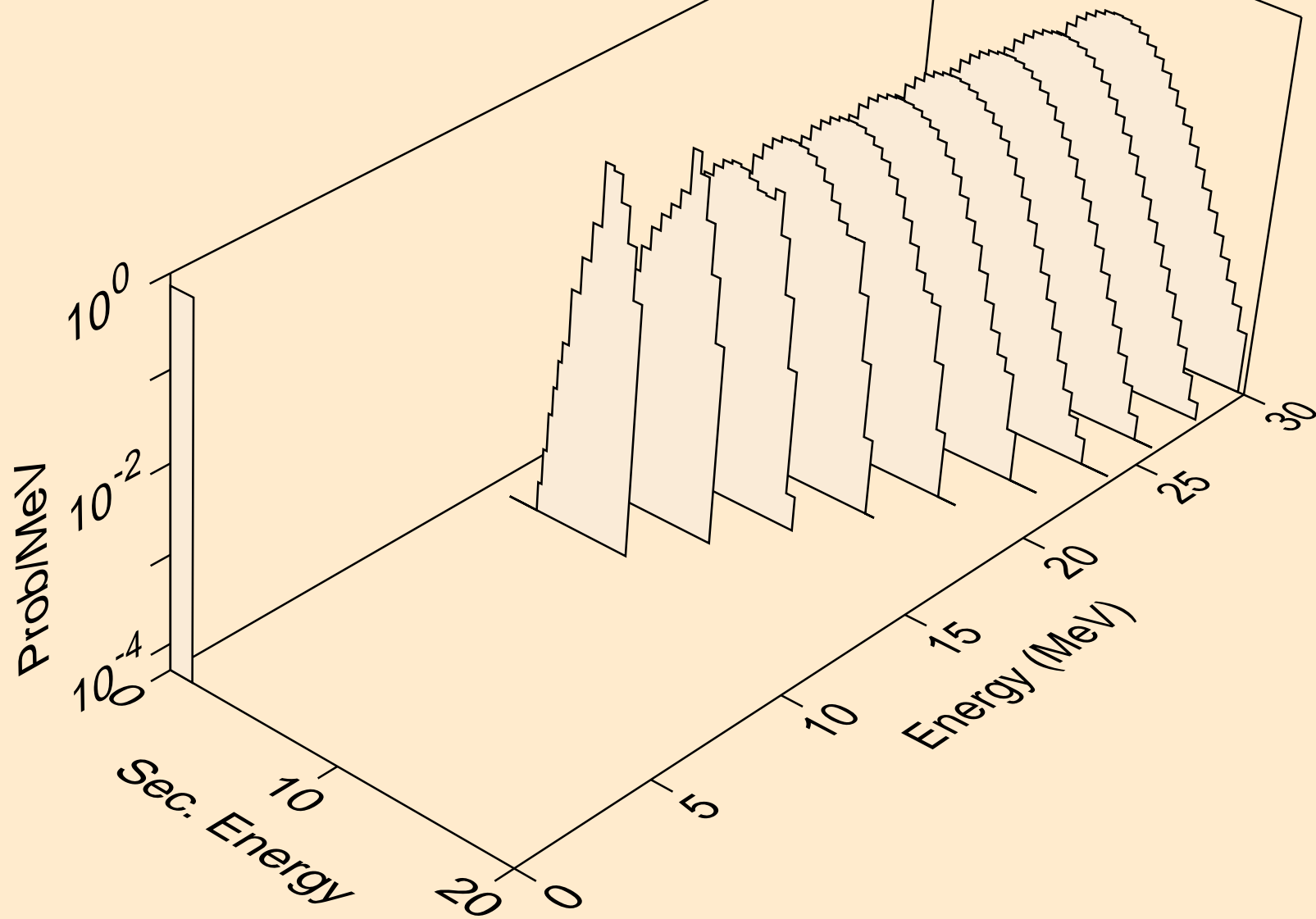
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protons from (n,p)



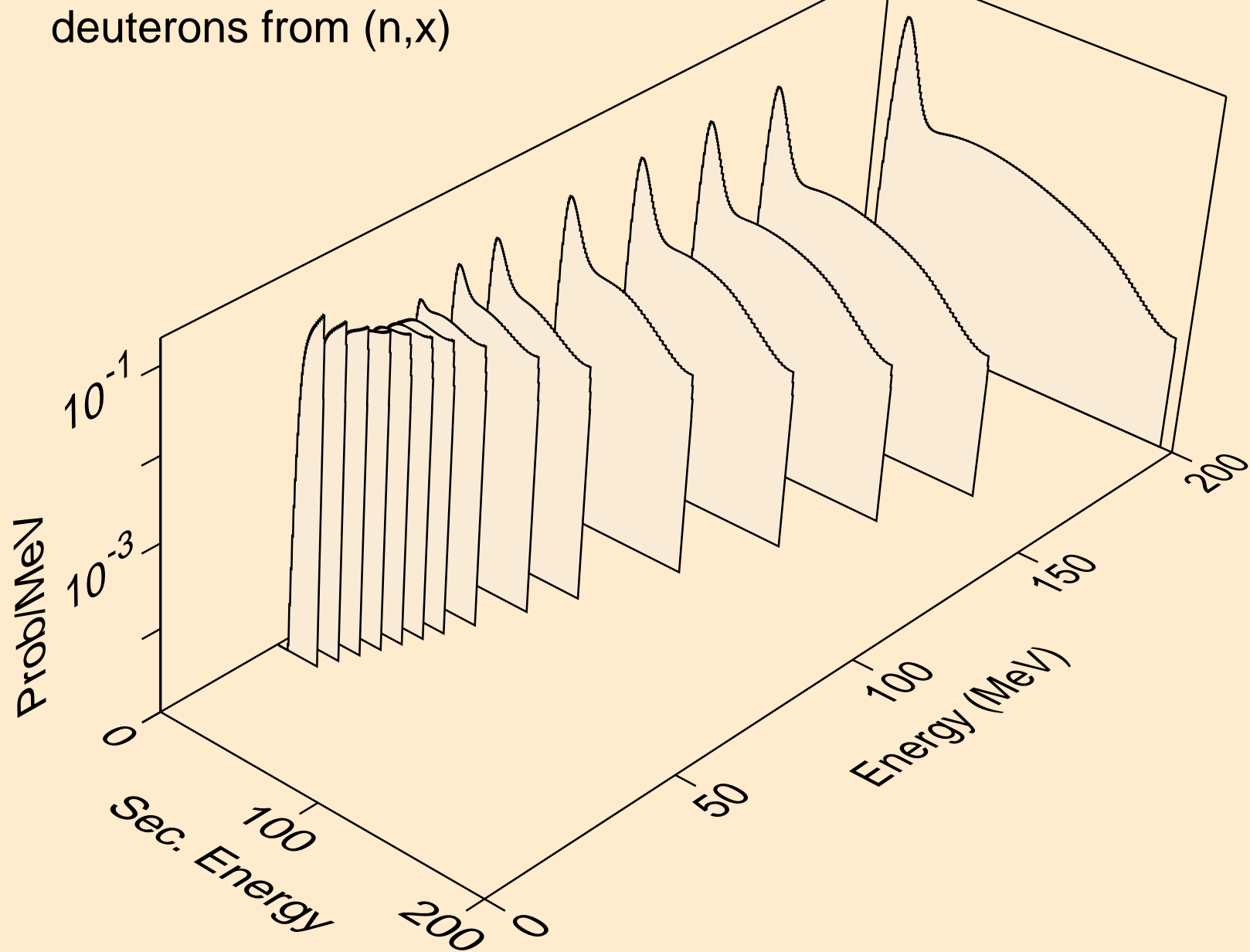
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protons from (n,2p)



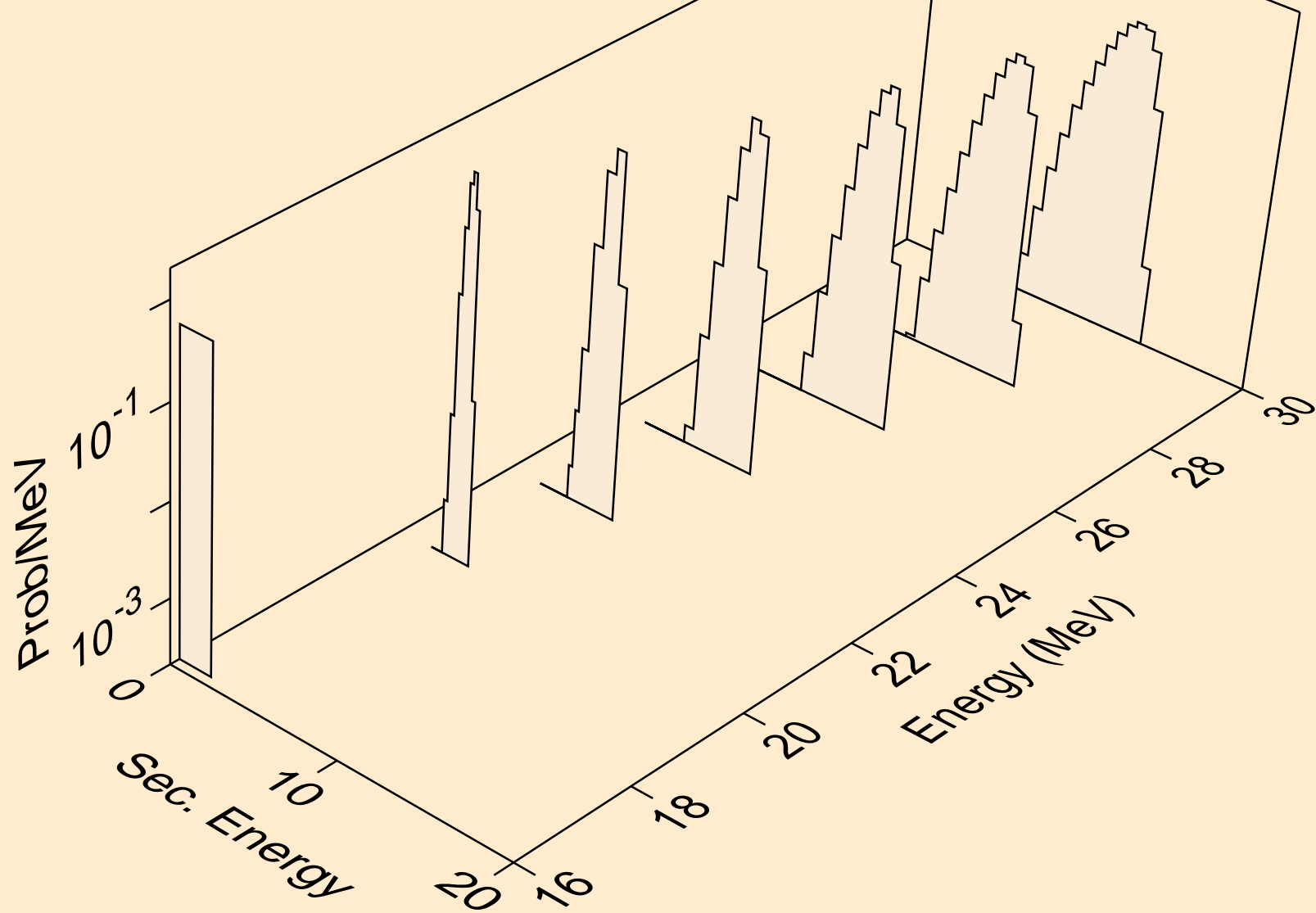
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protons from (n,p)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

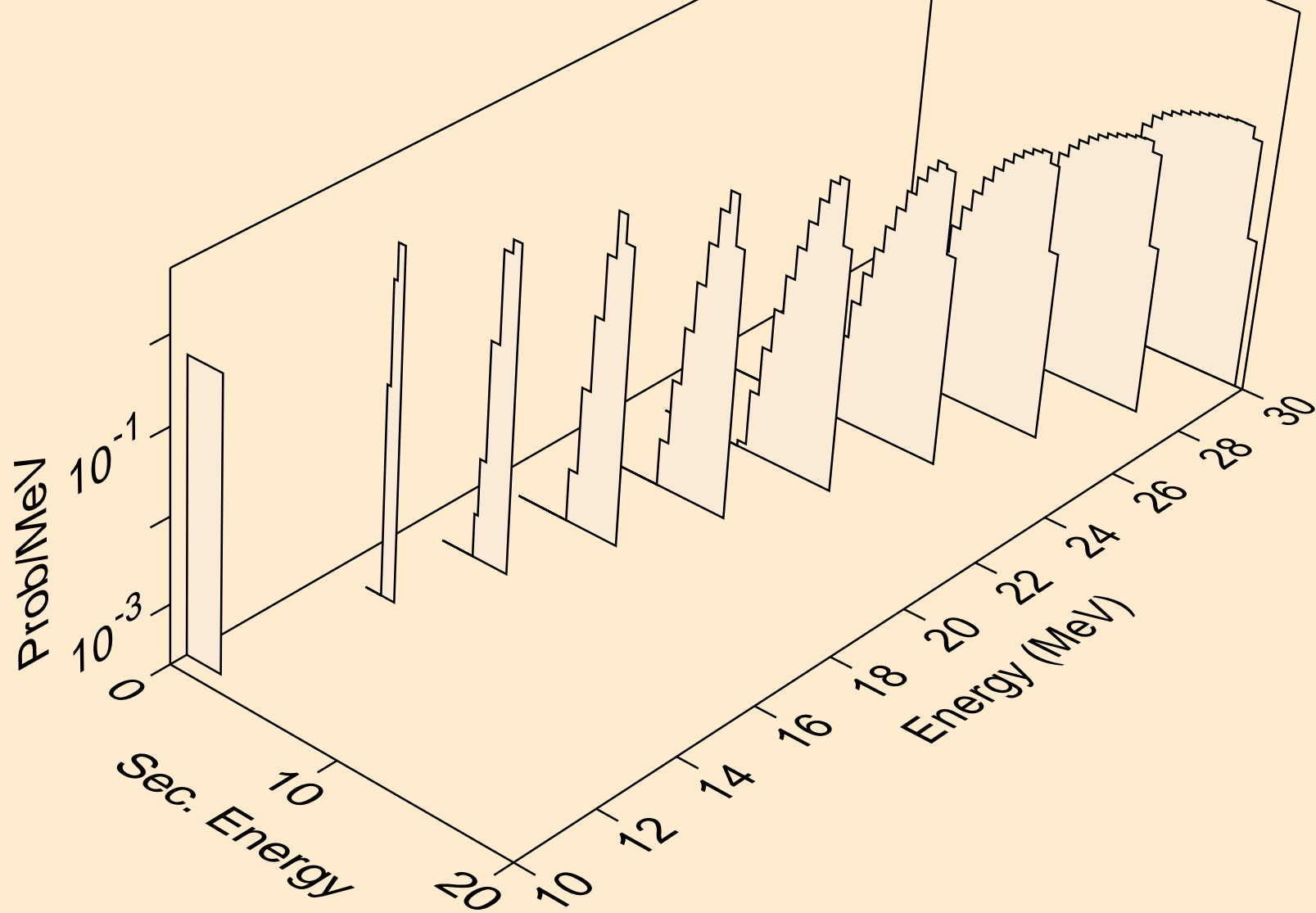


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deuterons from (n,2nd)

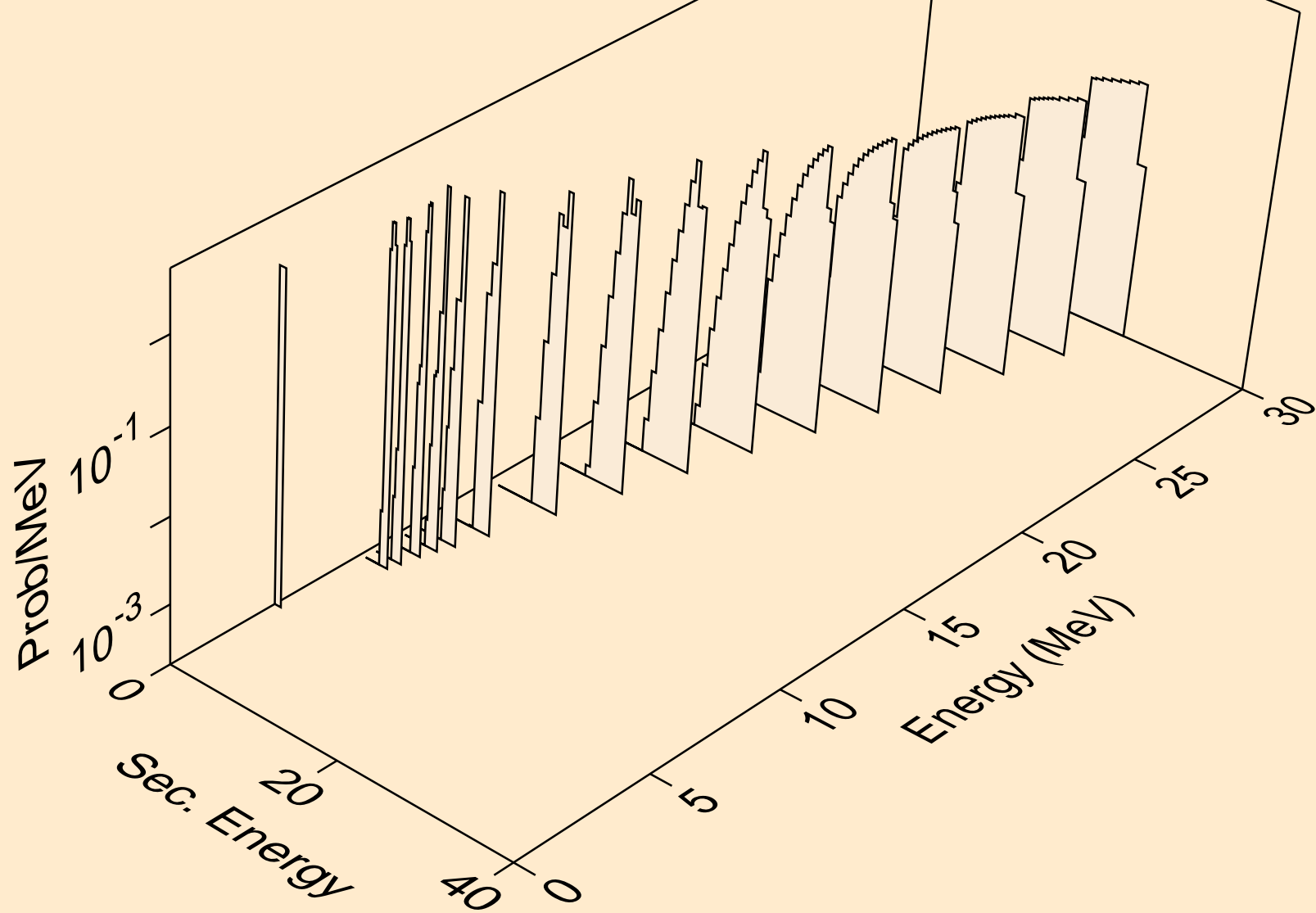




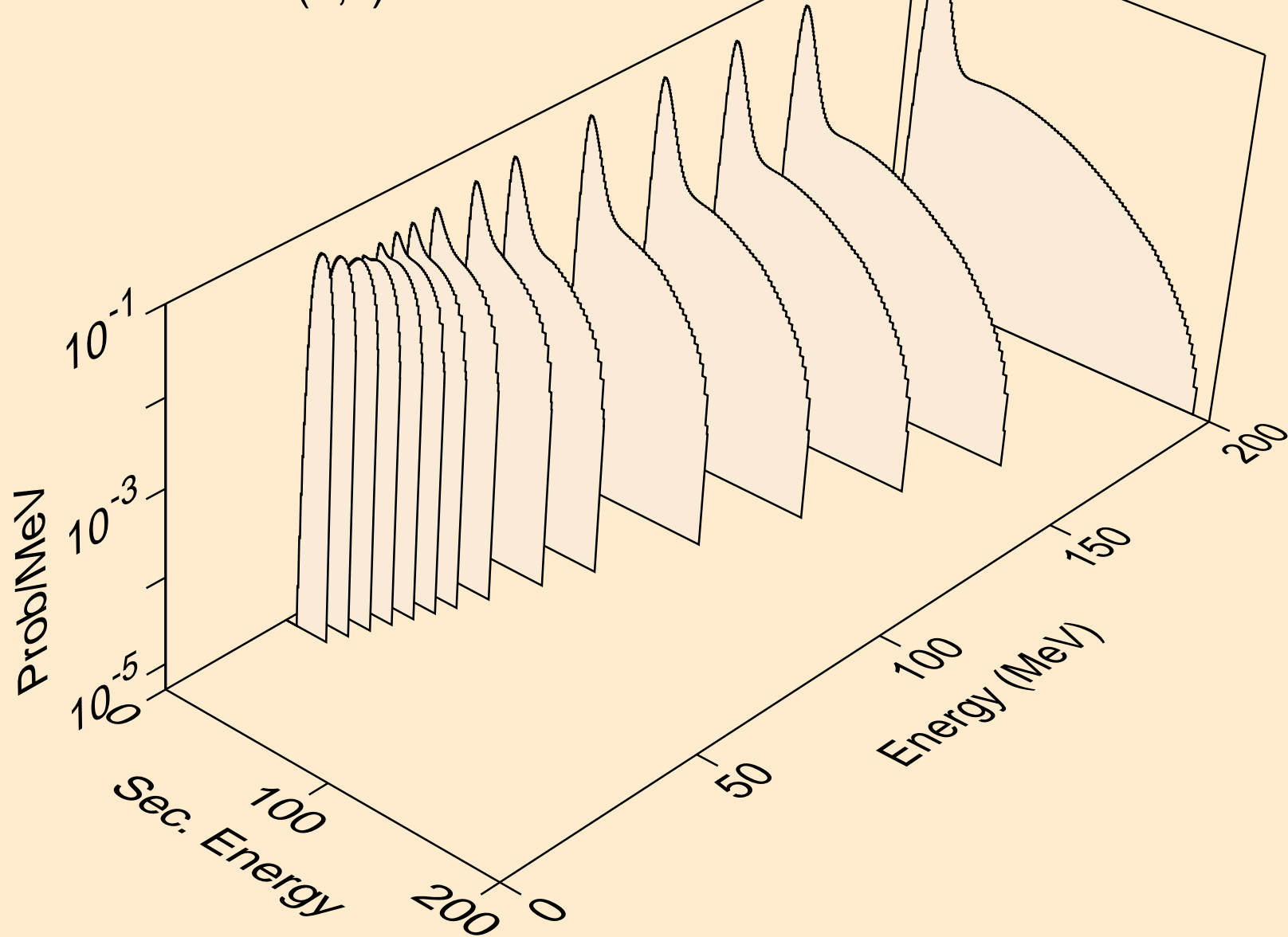
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



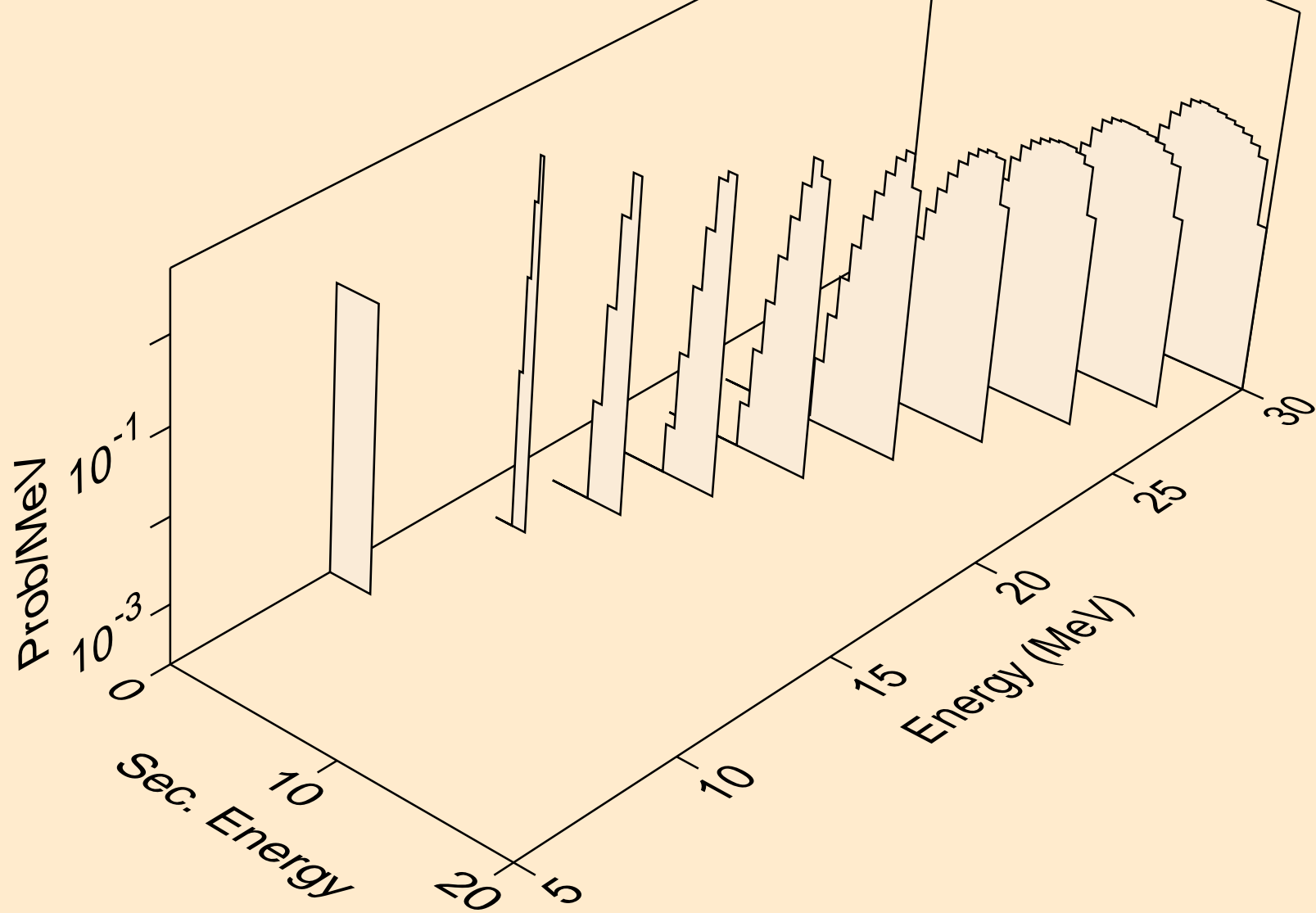
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deuterons from (n,d)



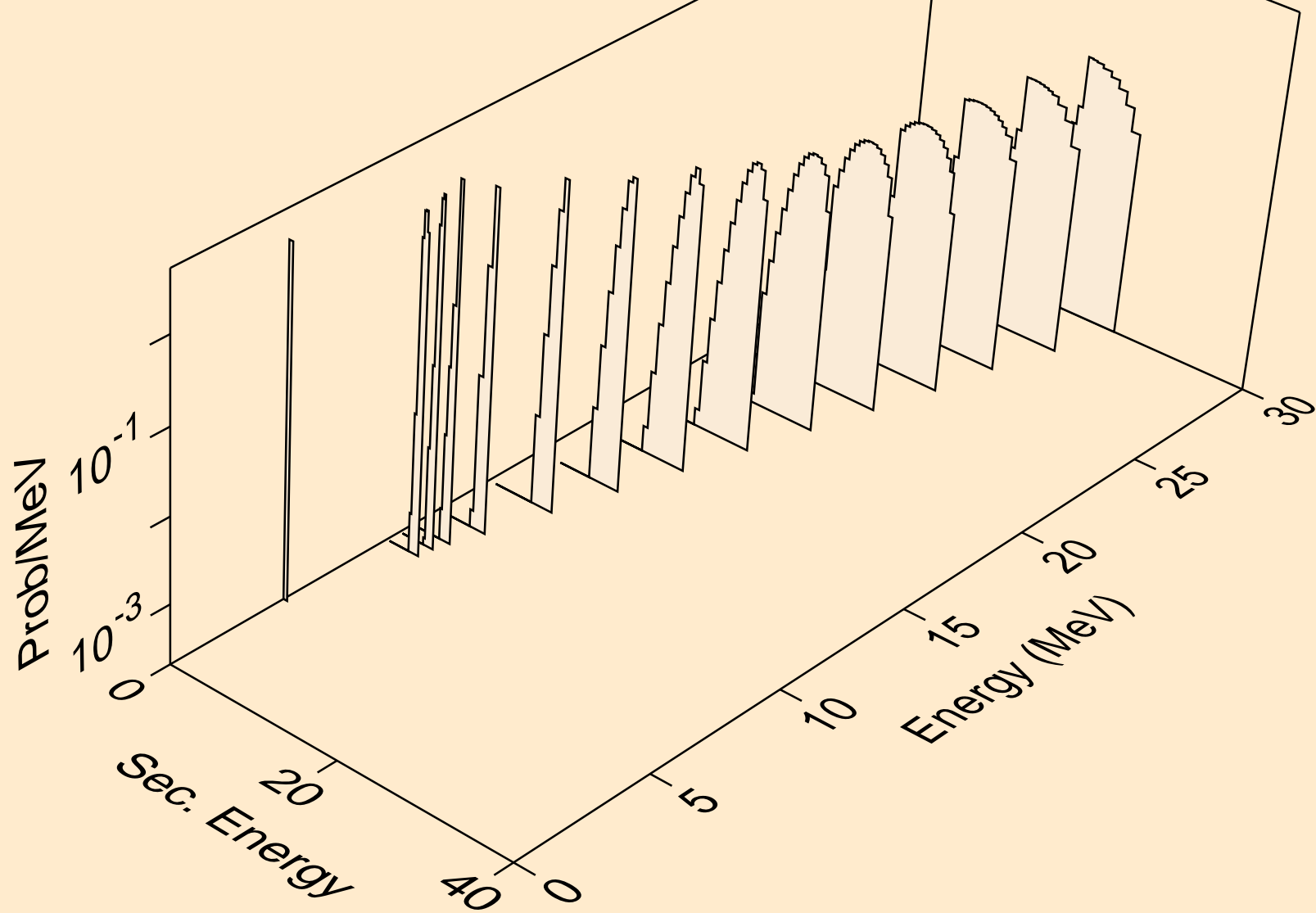
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



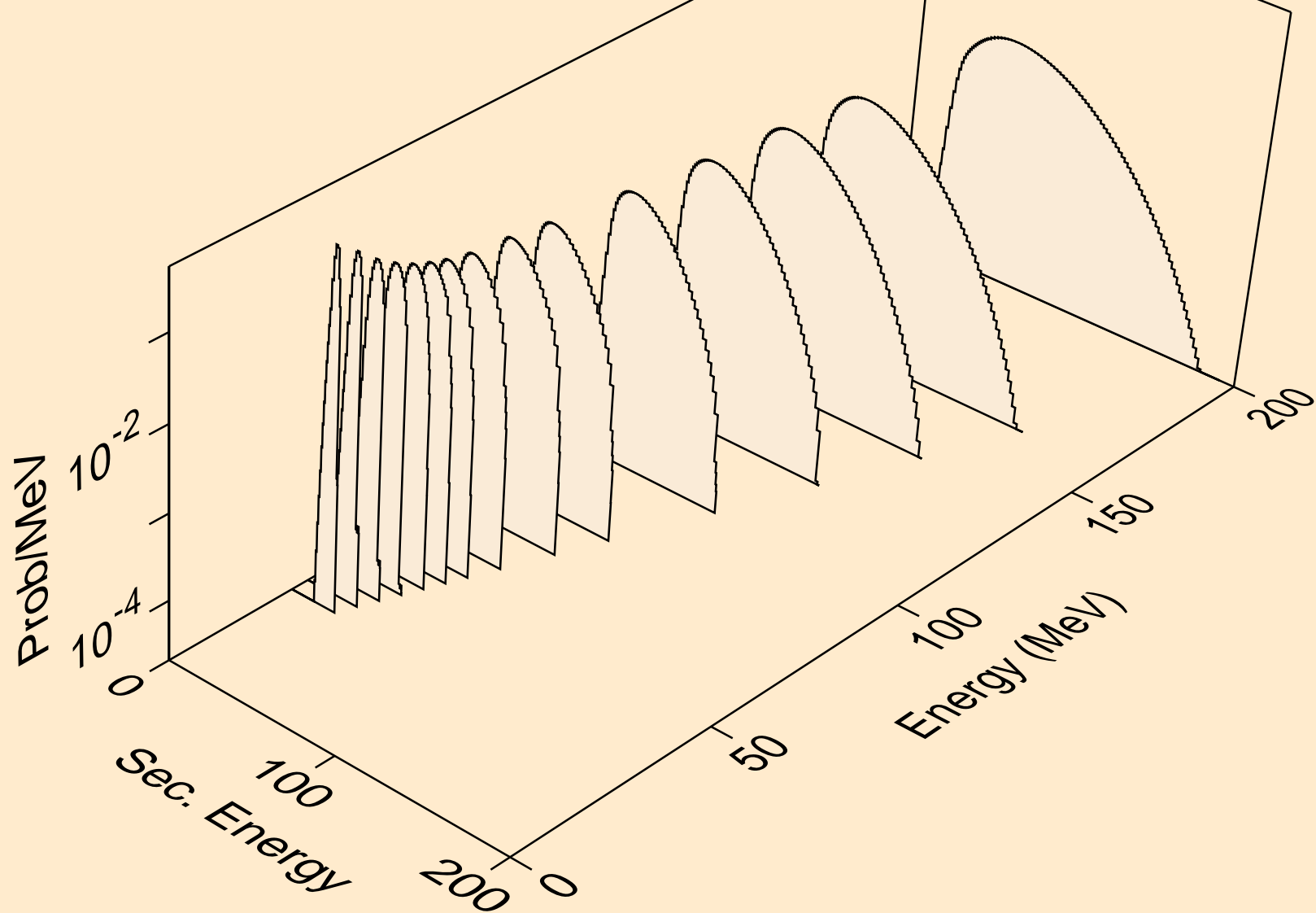
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



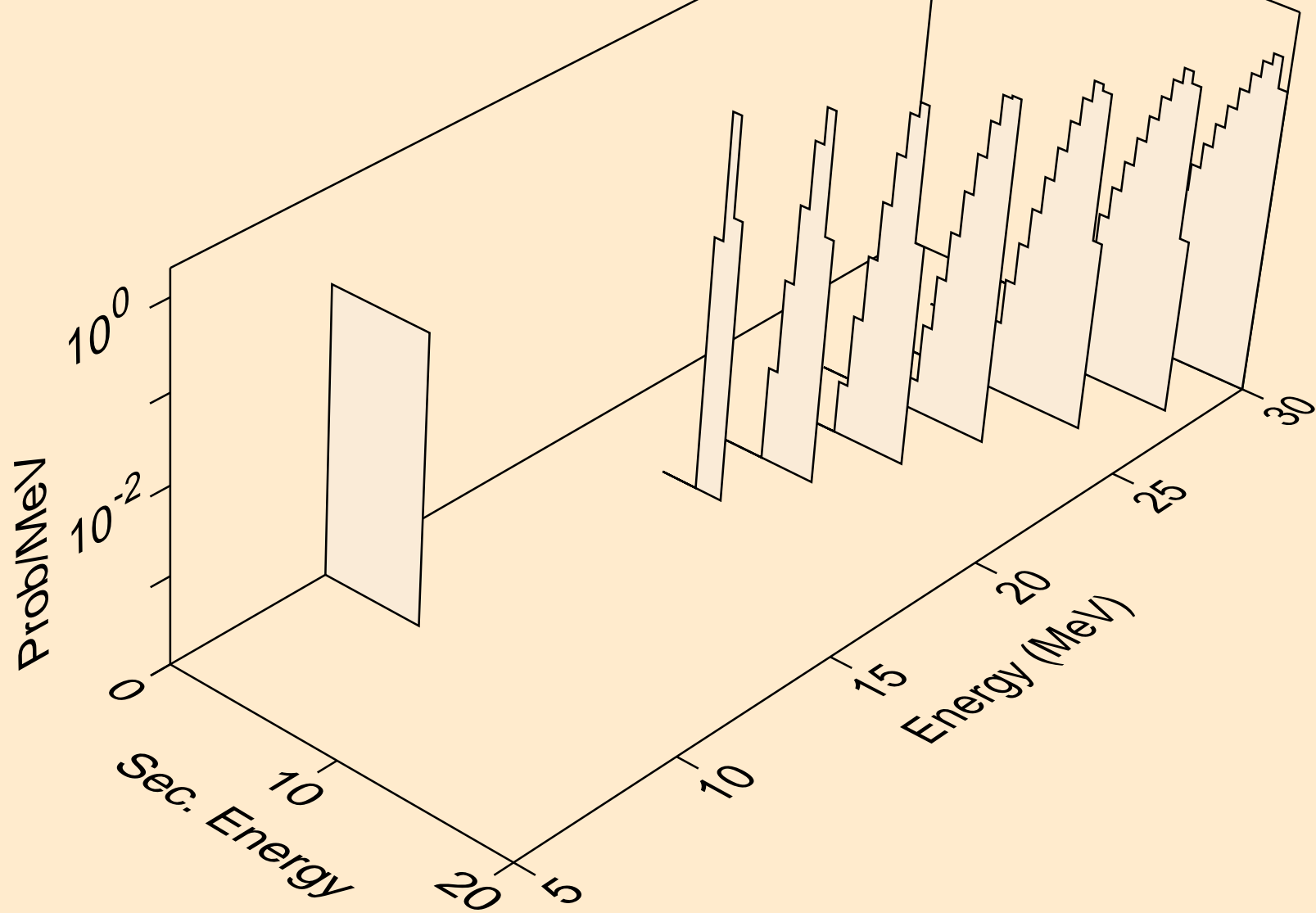
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tritons from (n,t)



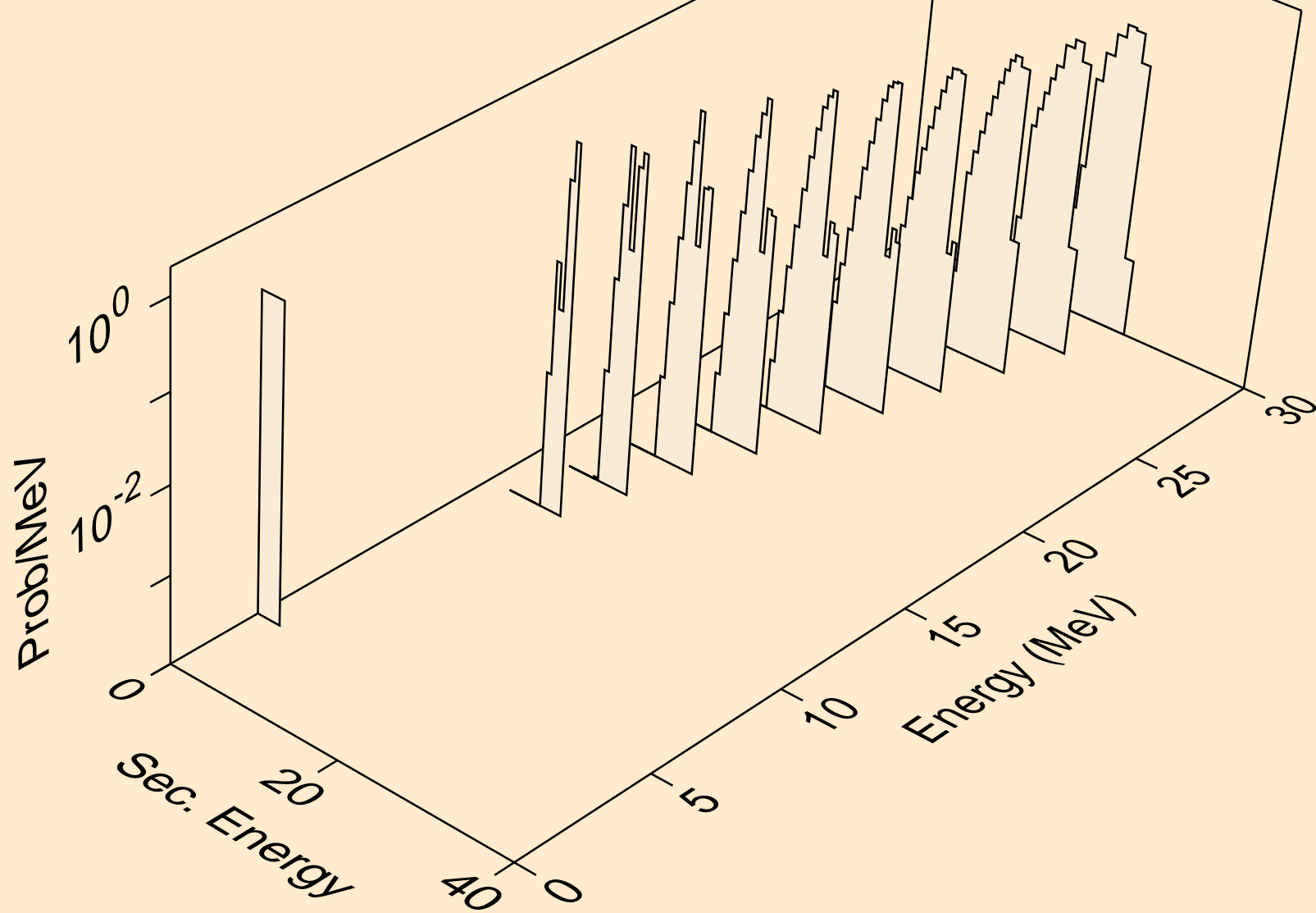
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

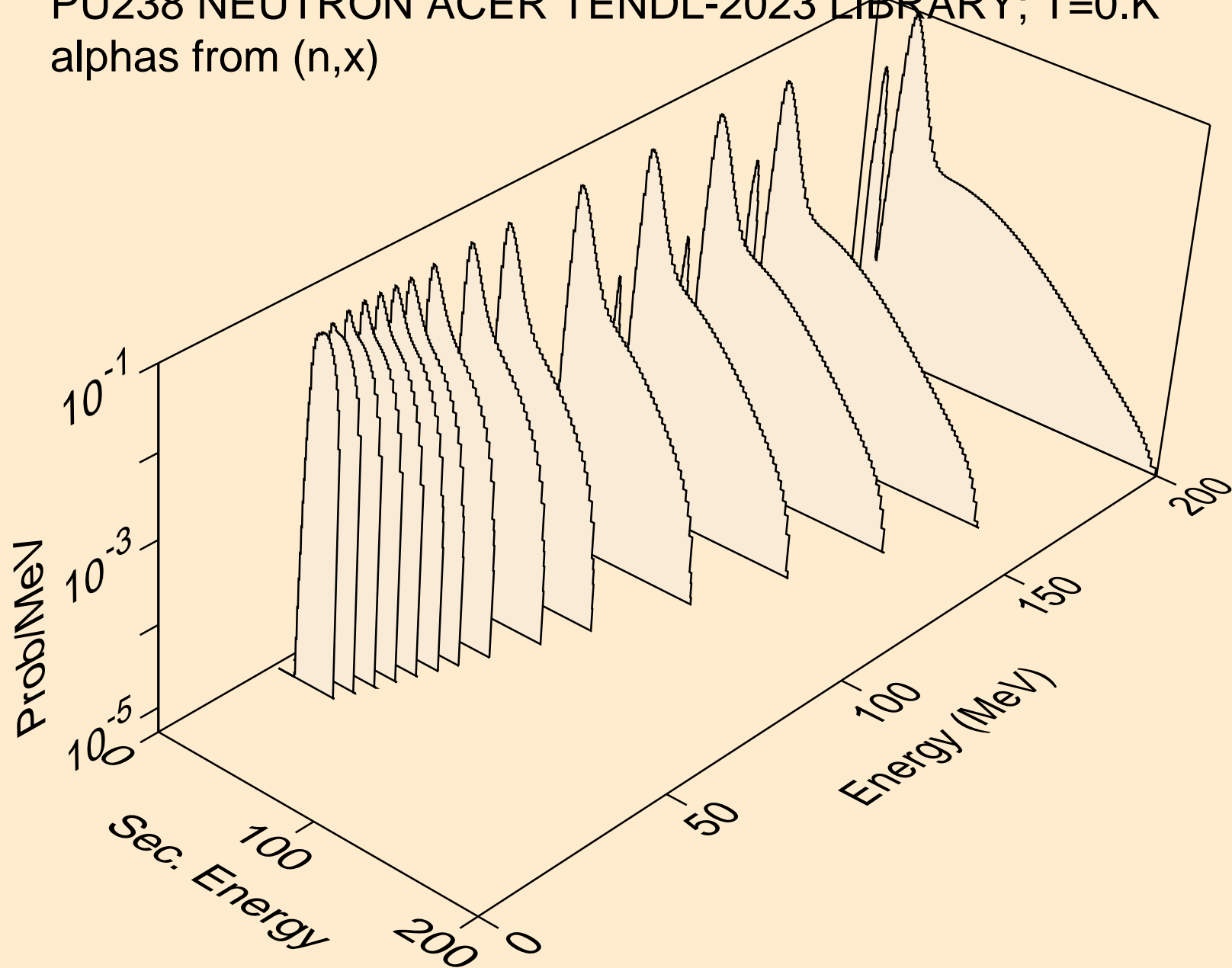


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he3s from (n,he3)

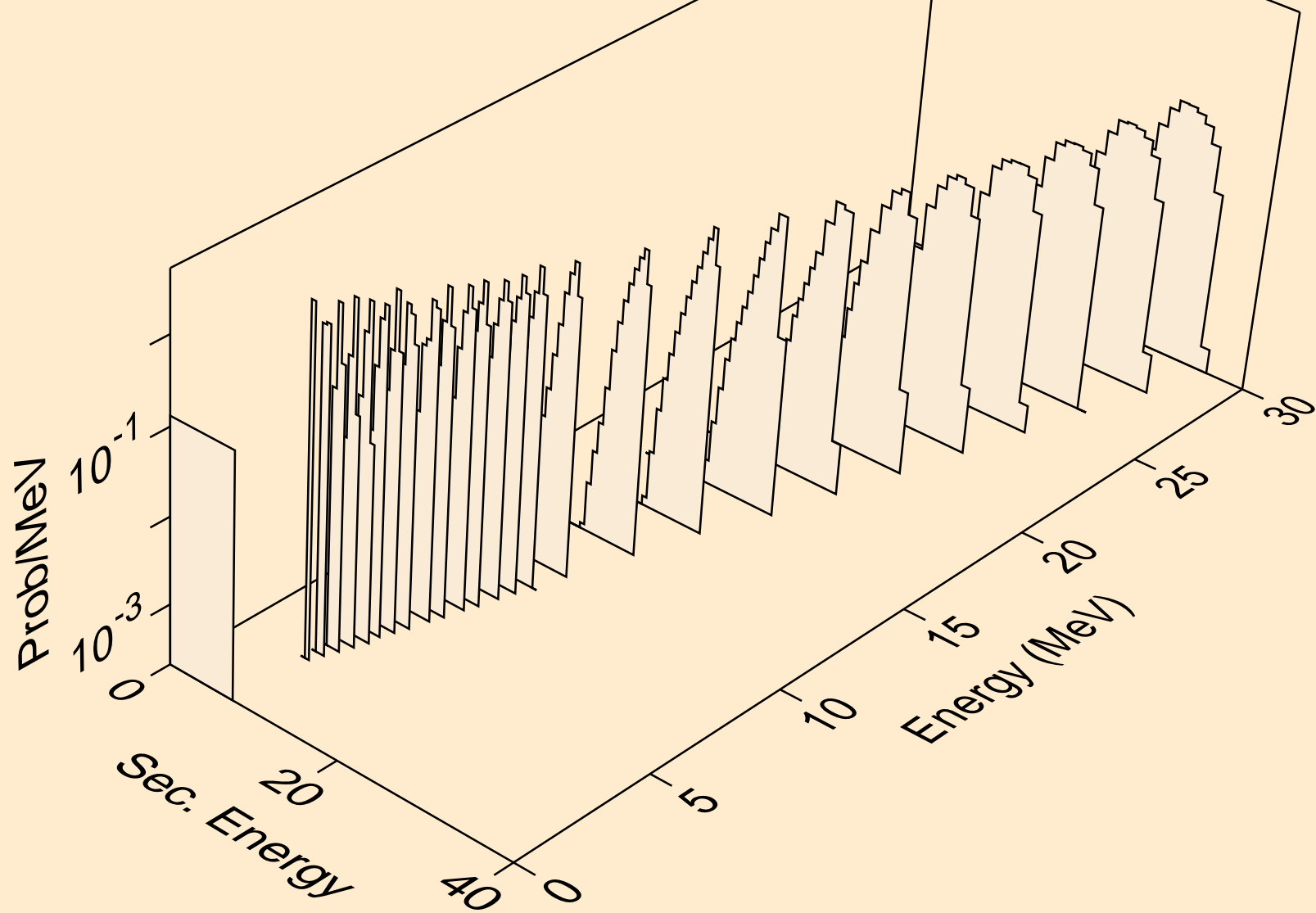




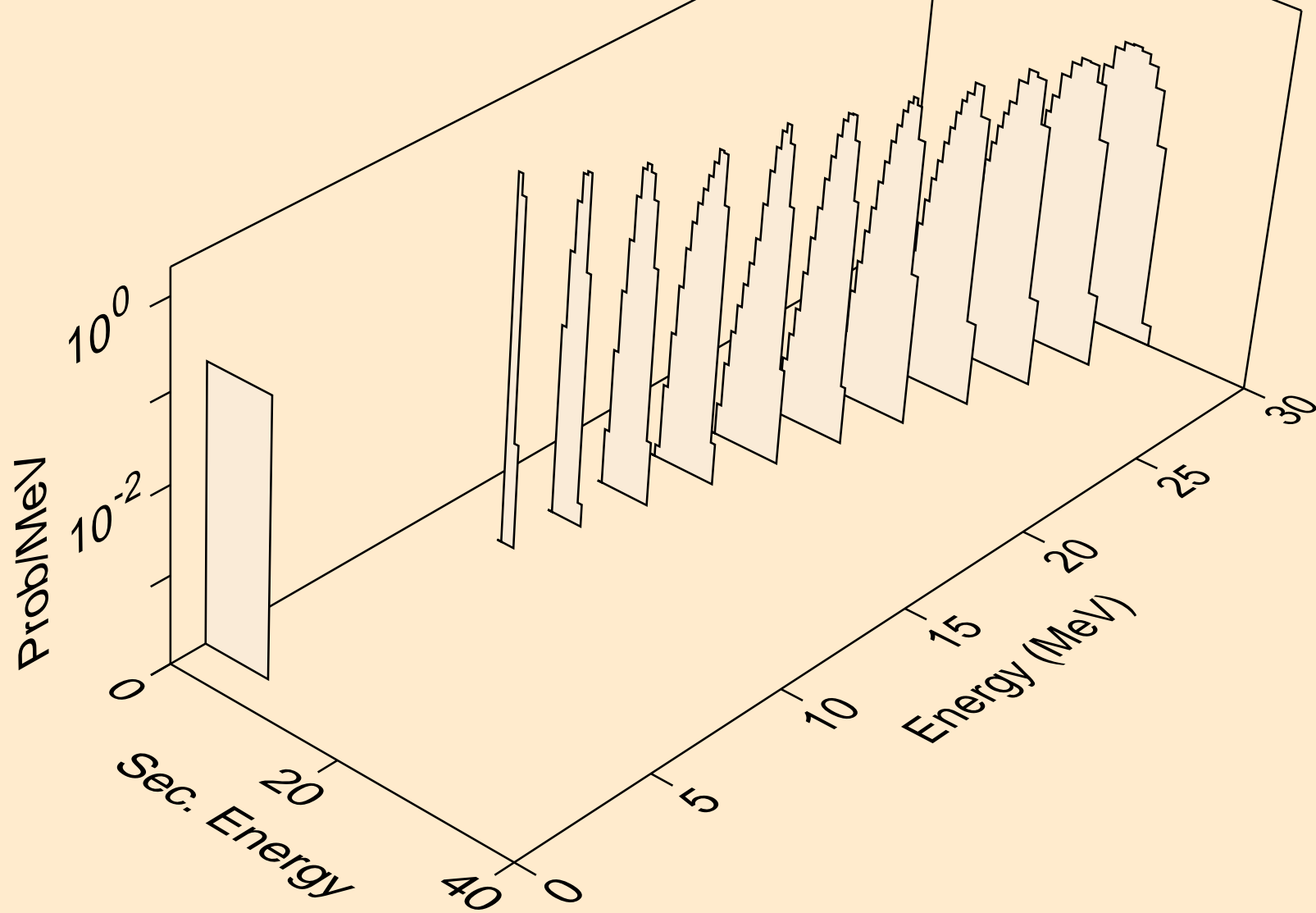
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



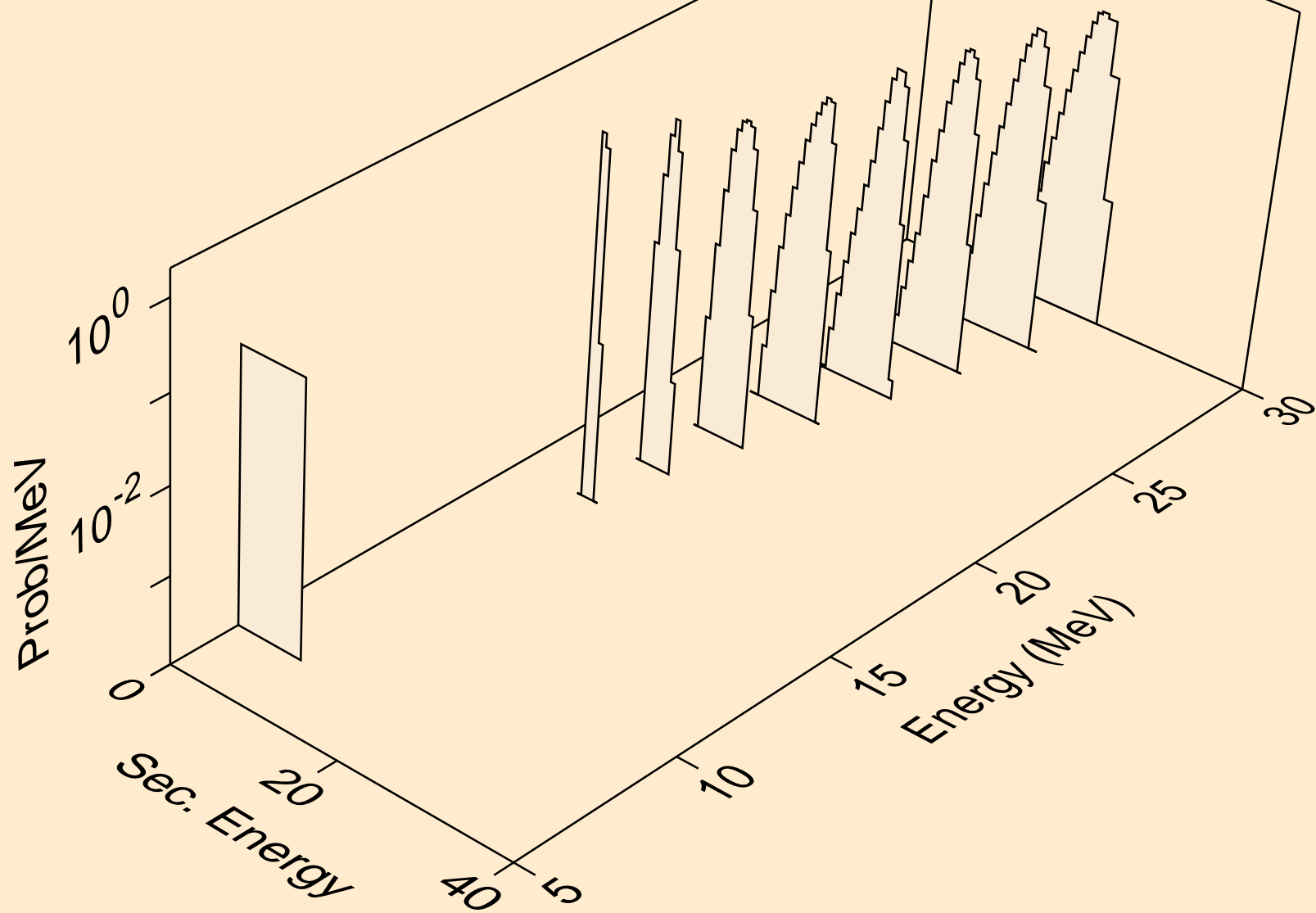
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



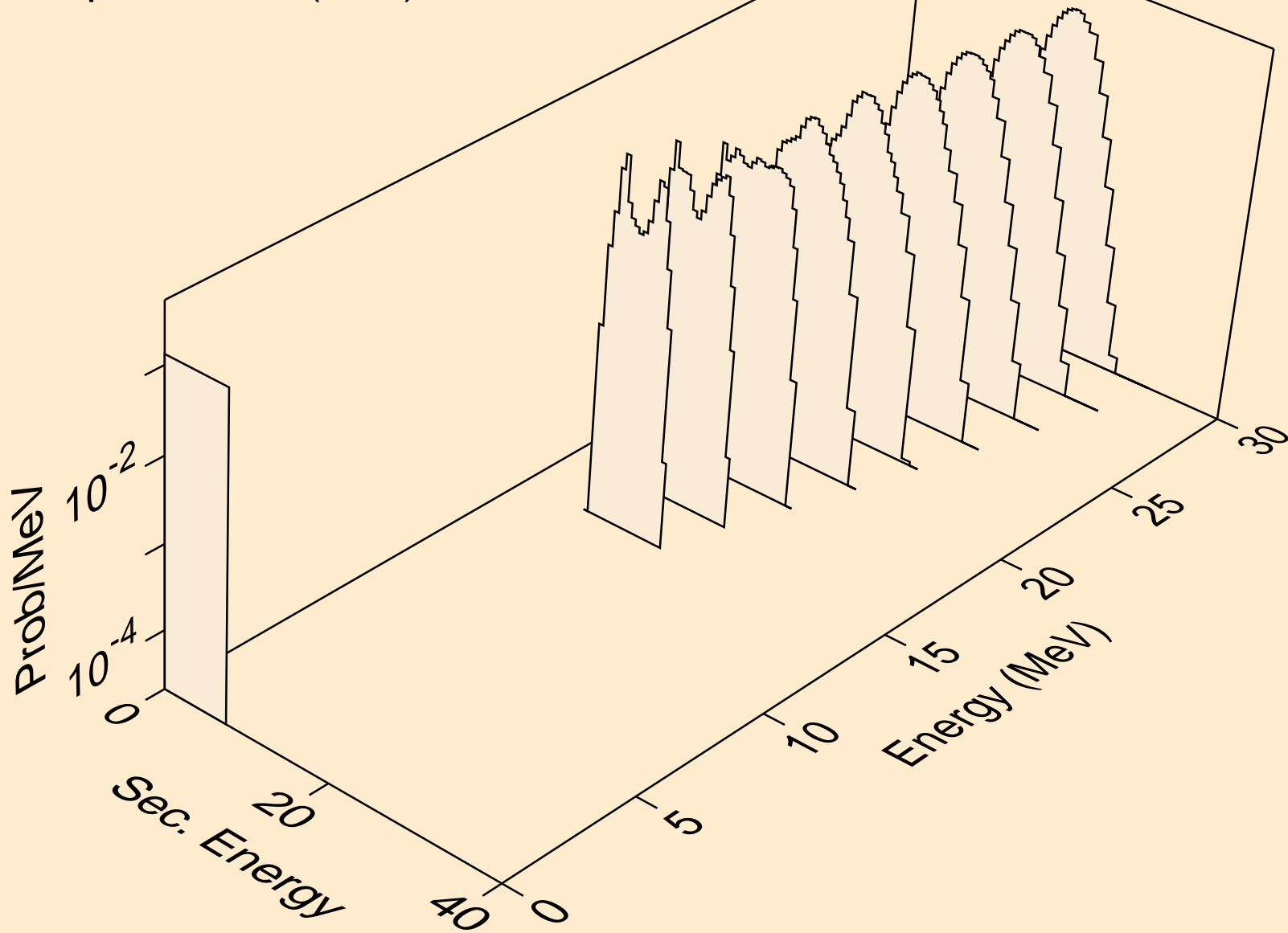
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



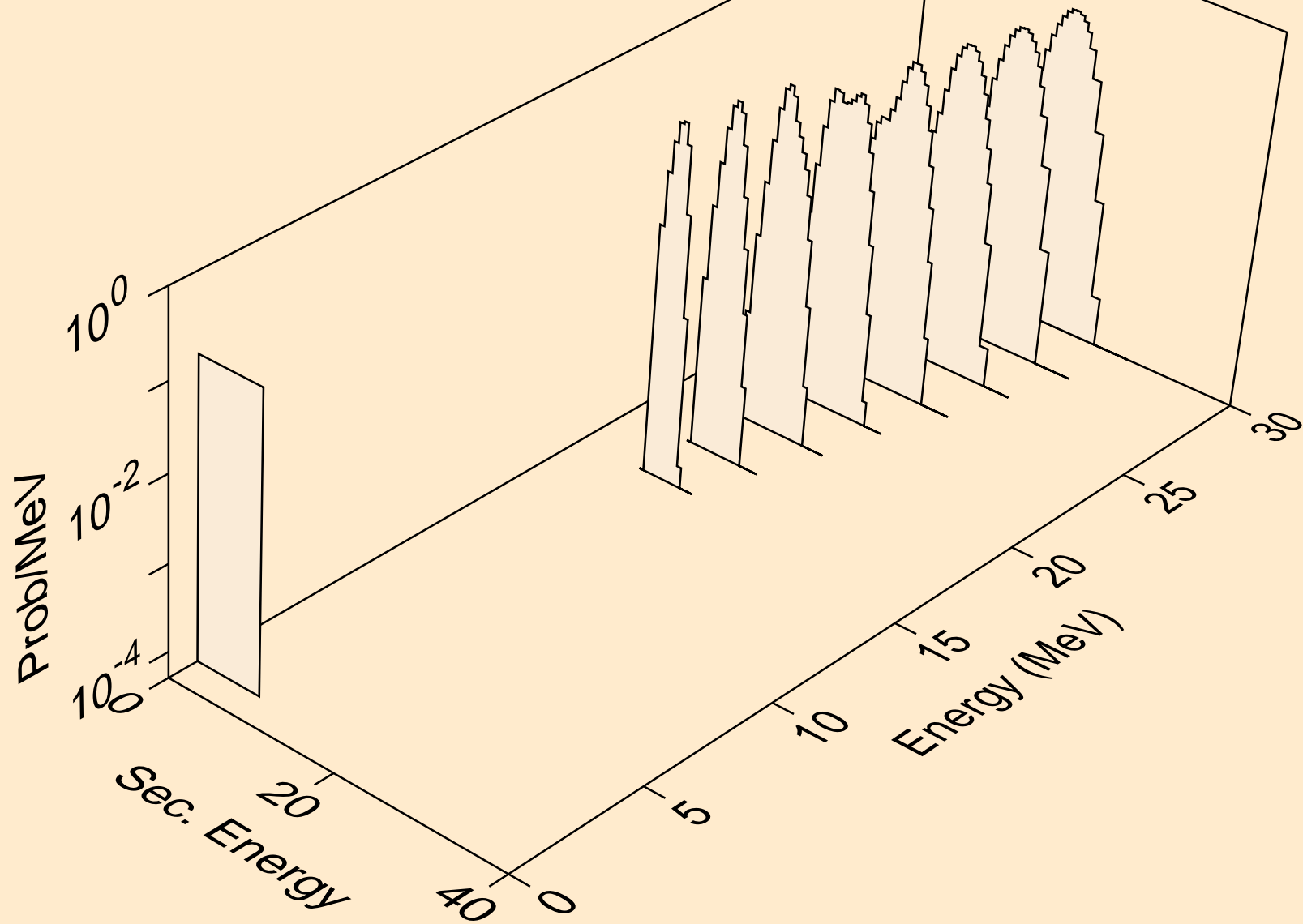
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



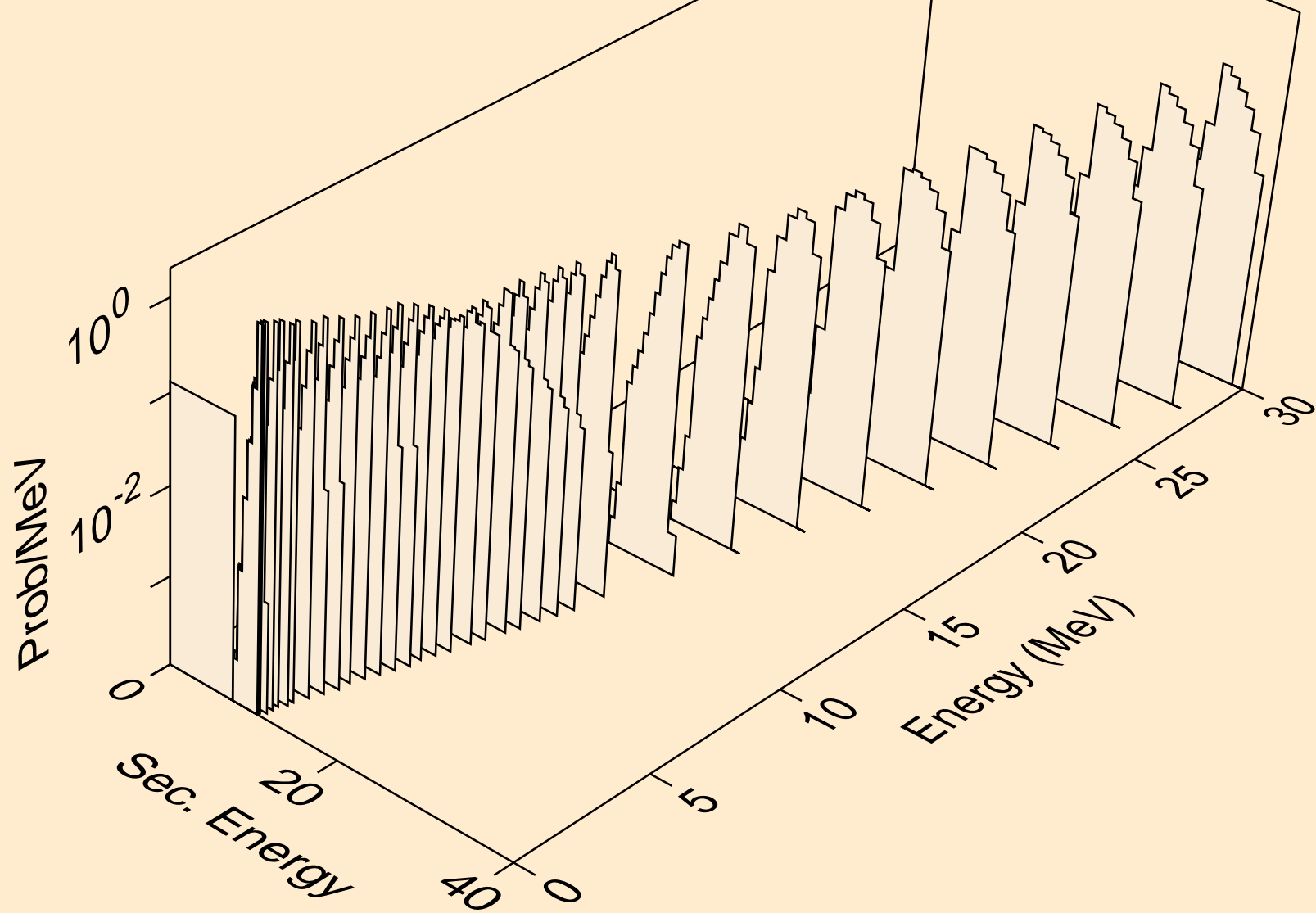
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alphas from (n,n\*)2a



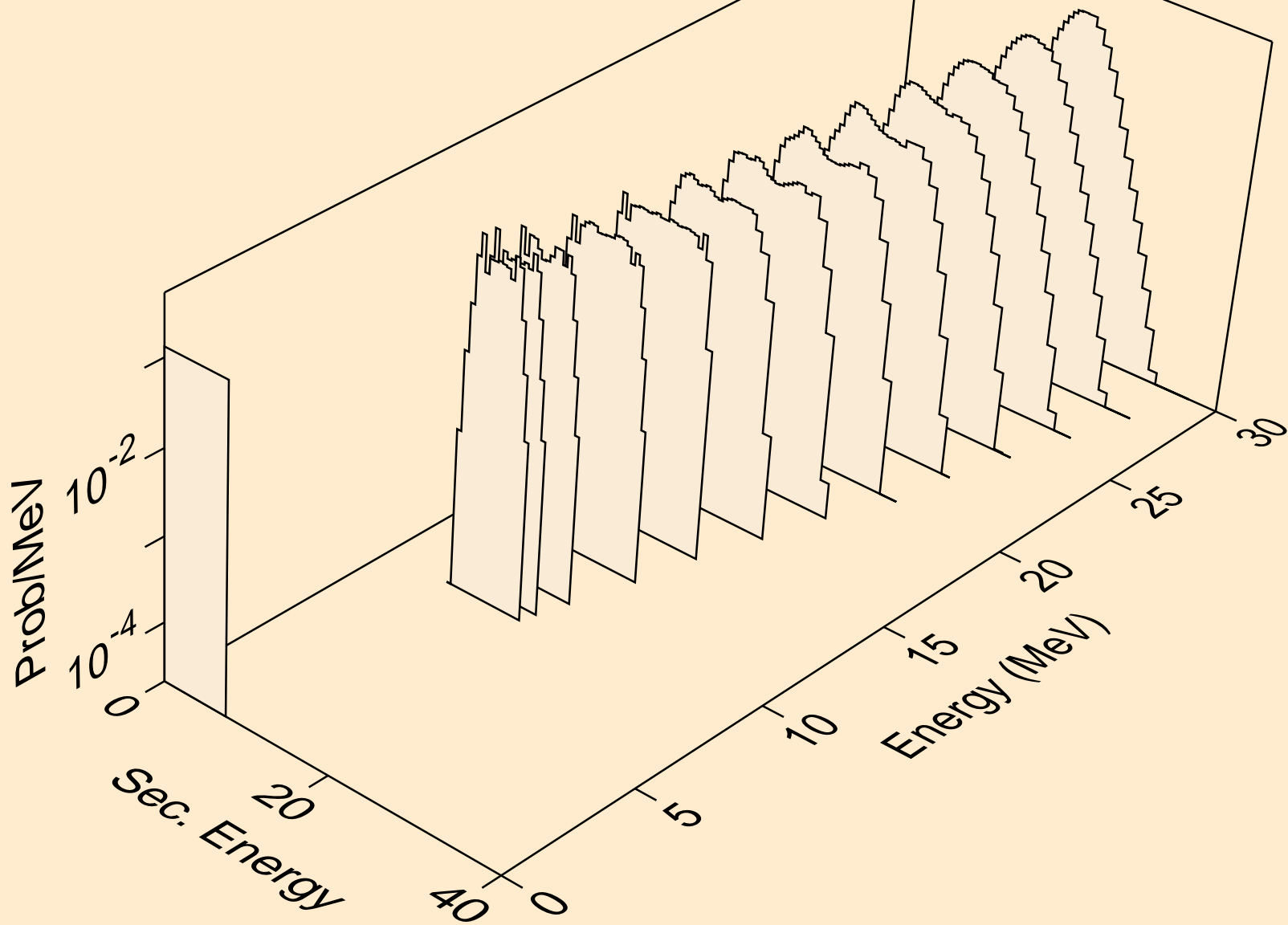
PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)





PU238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

