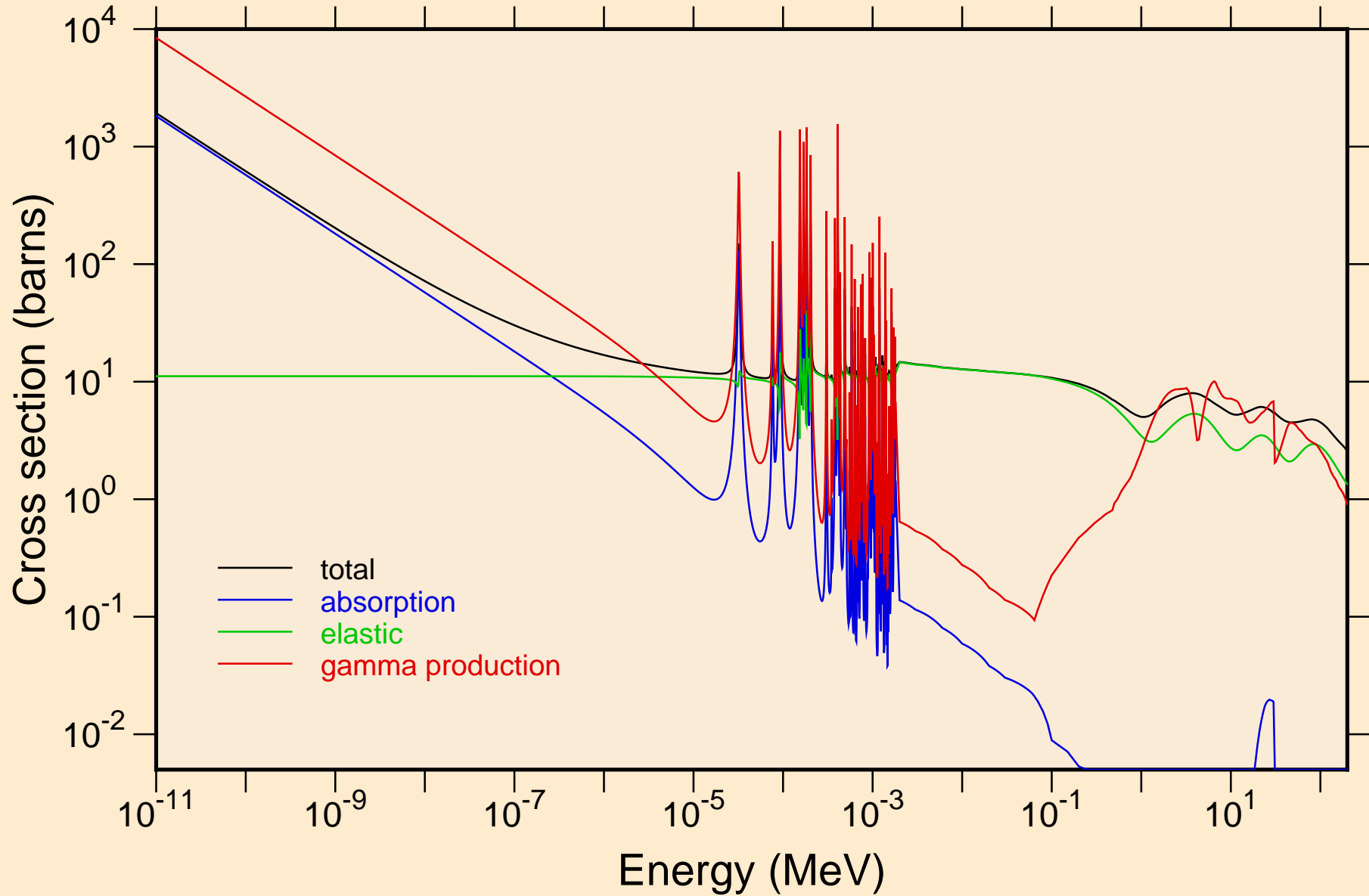
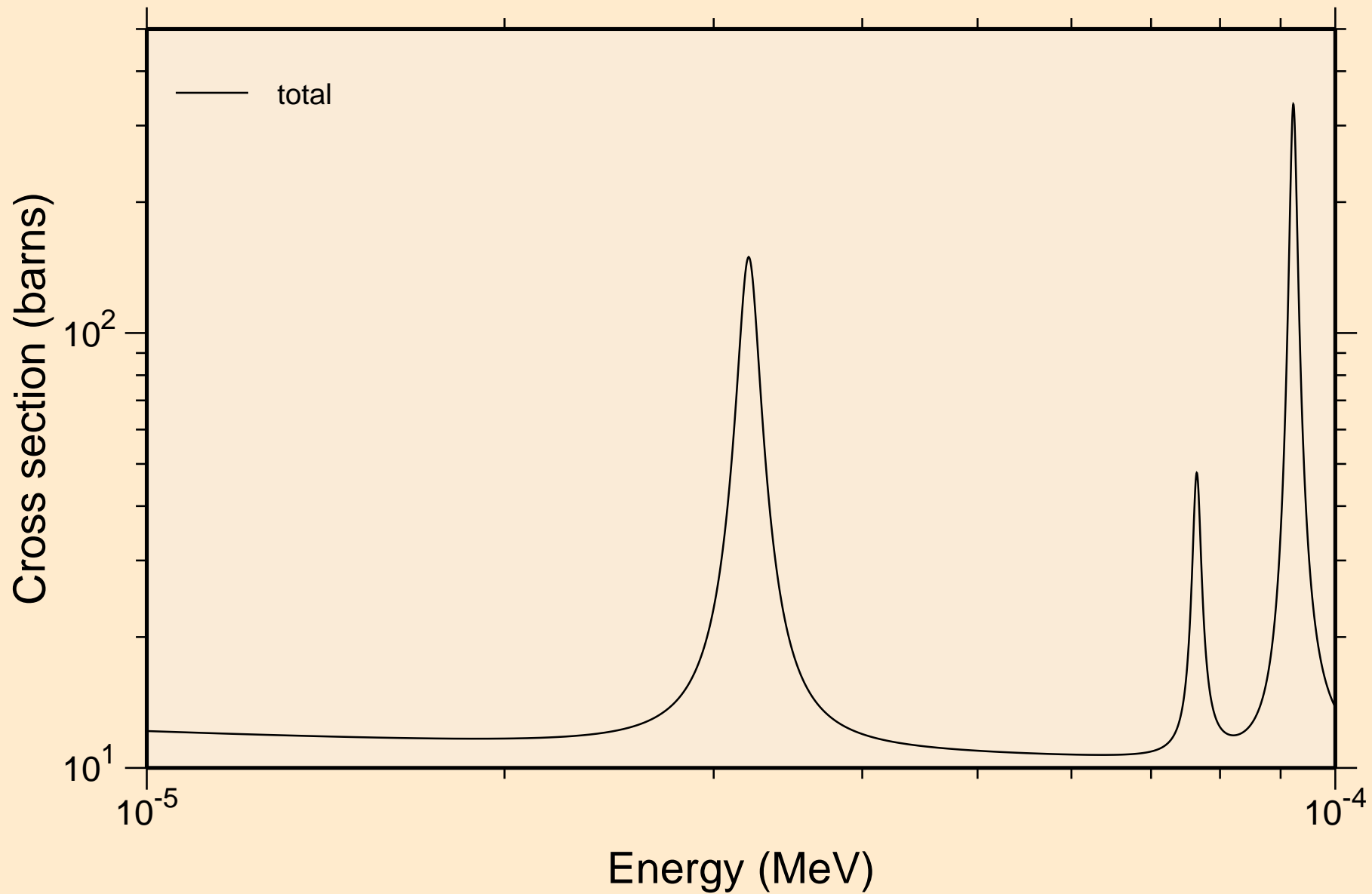


# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

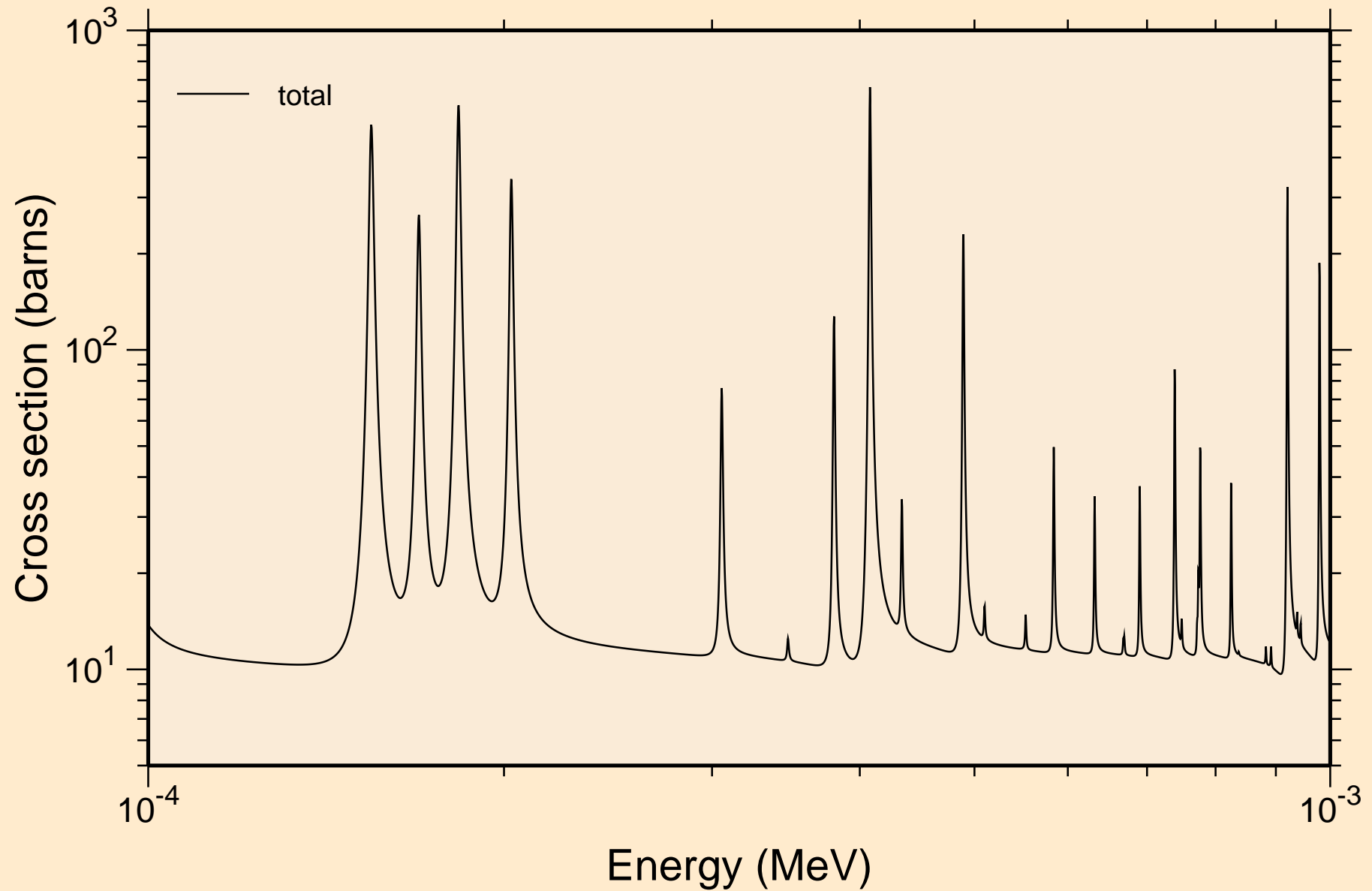
## Principal cross sections



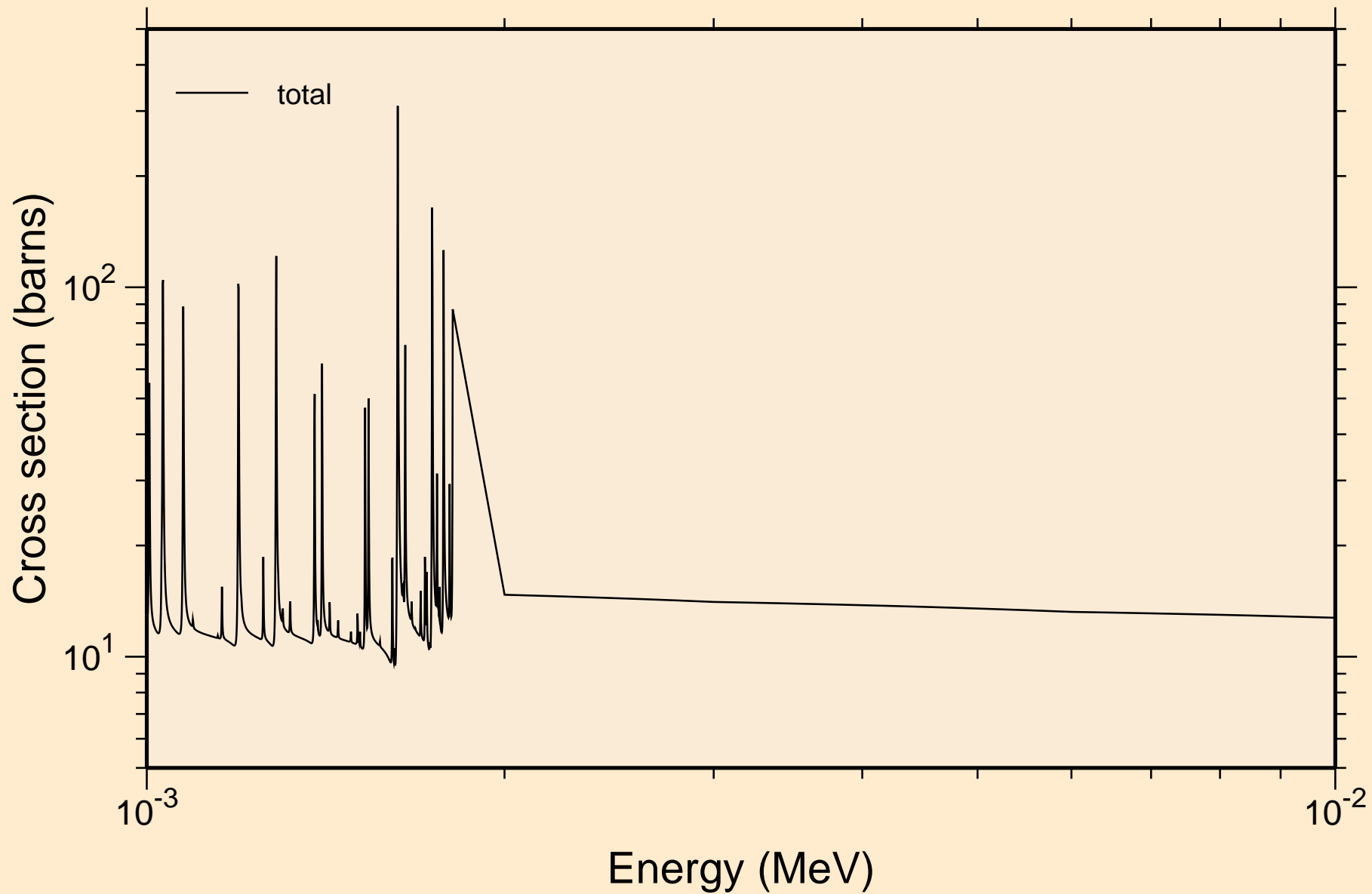
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



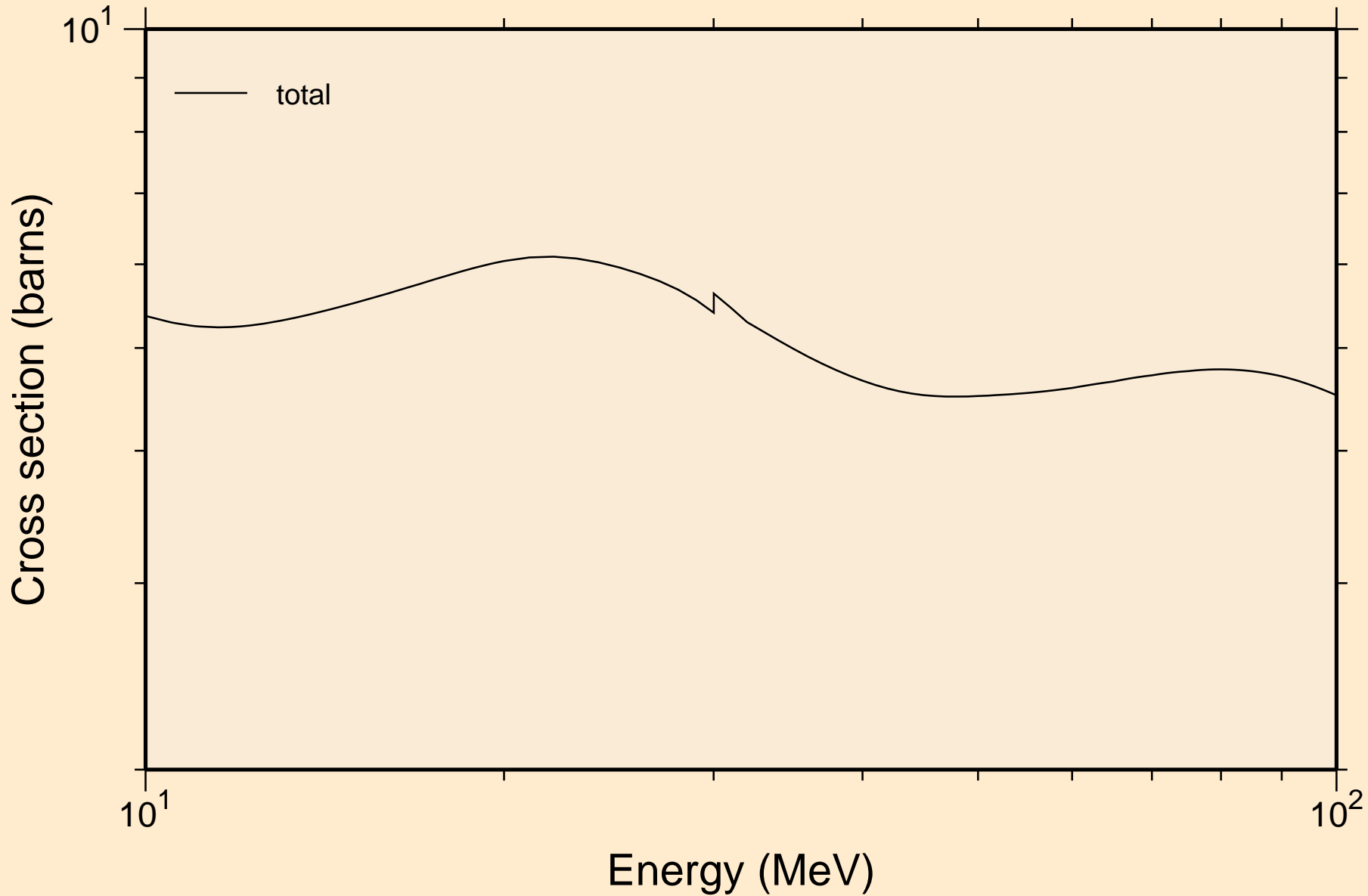
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



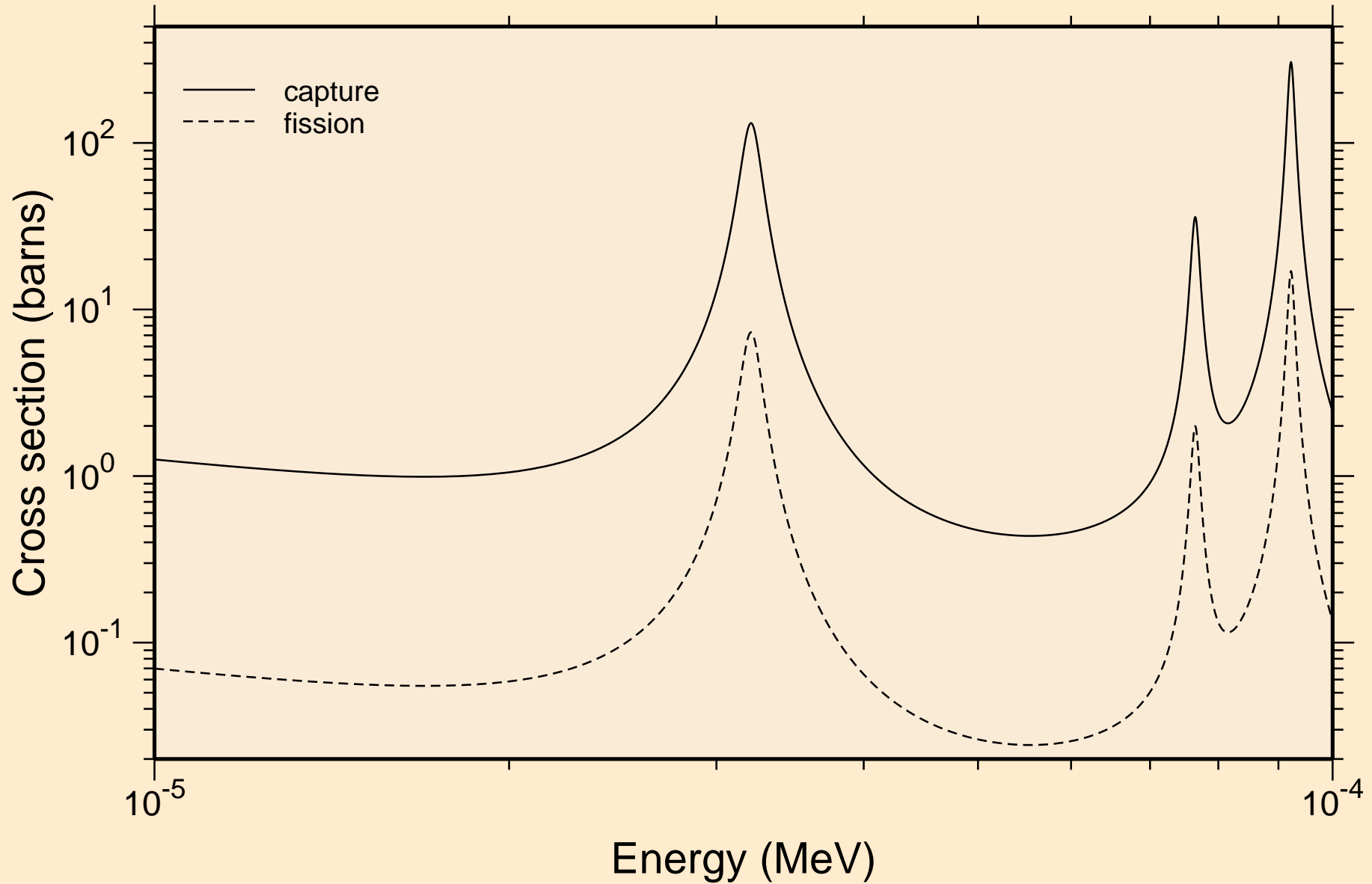
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



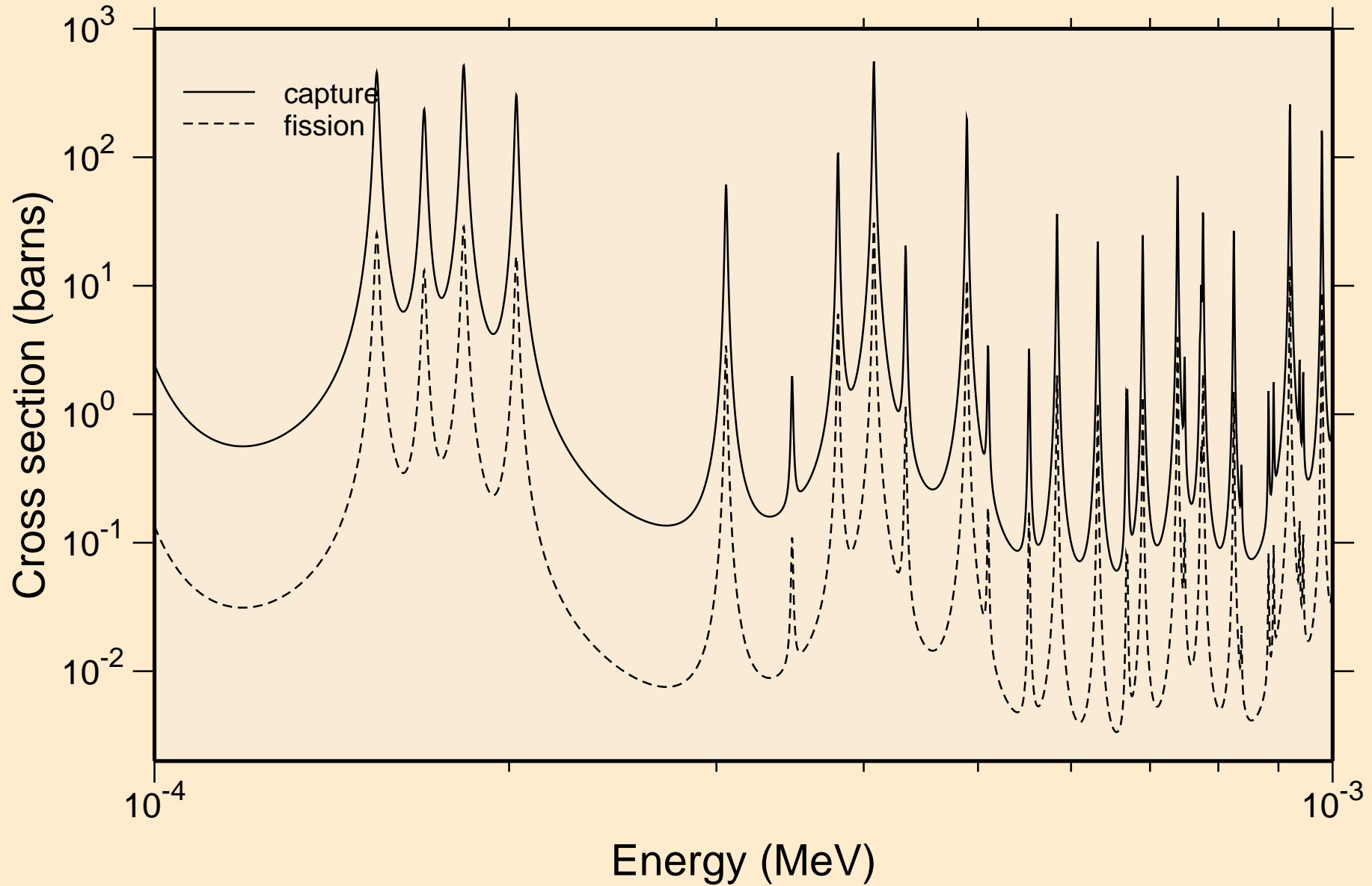
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



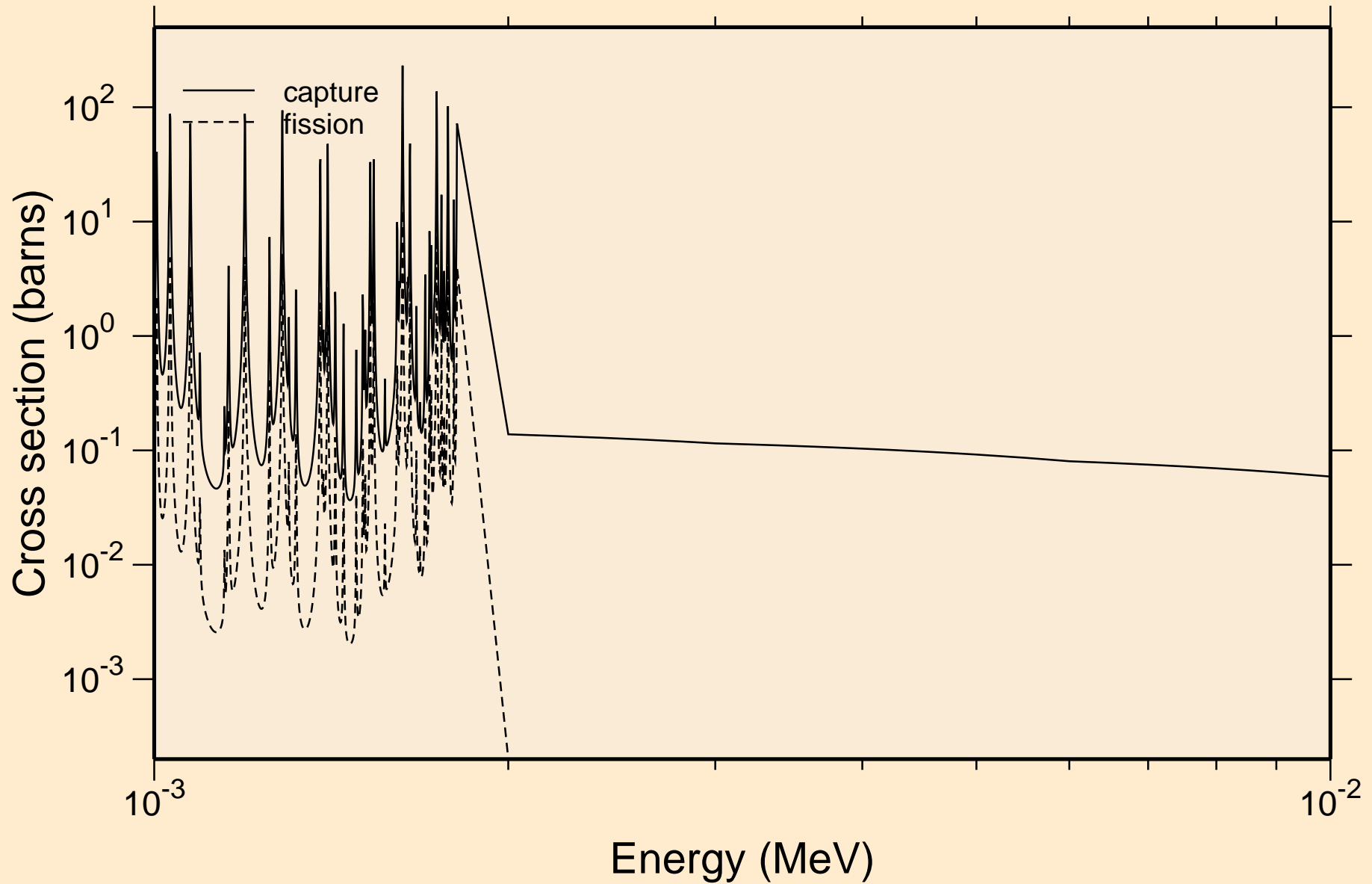
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

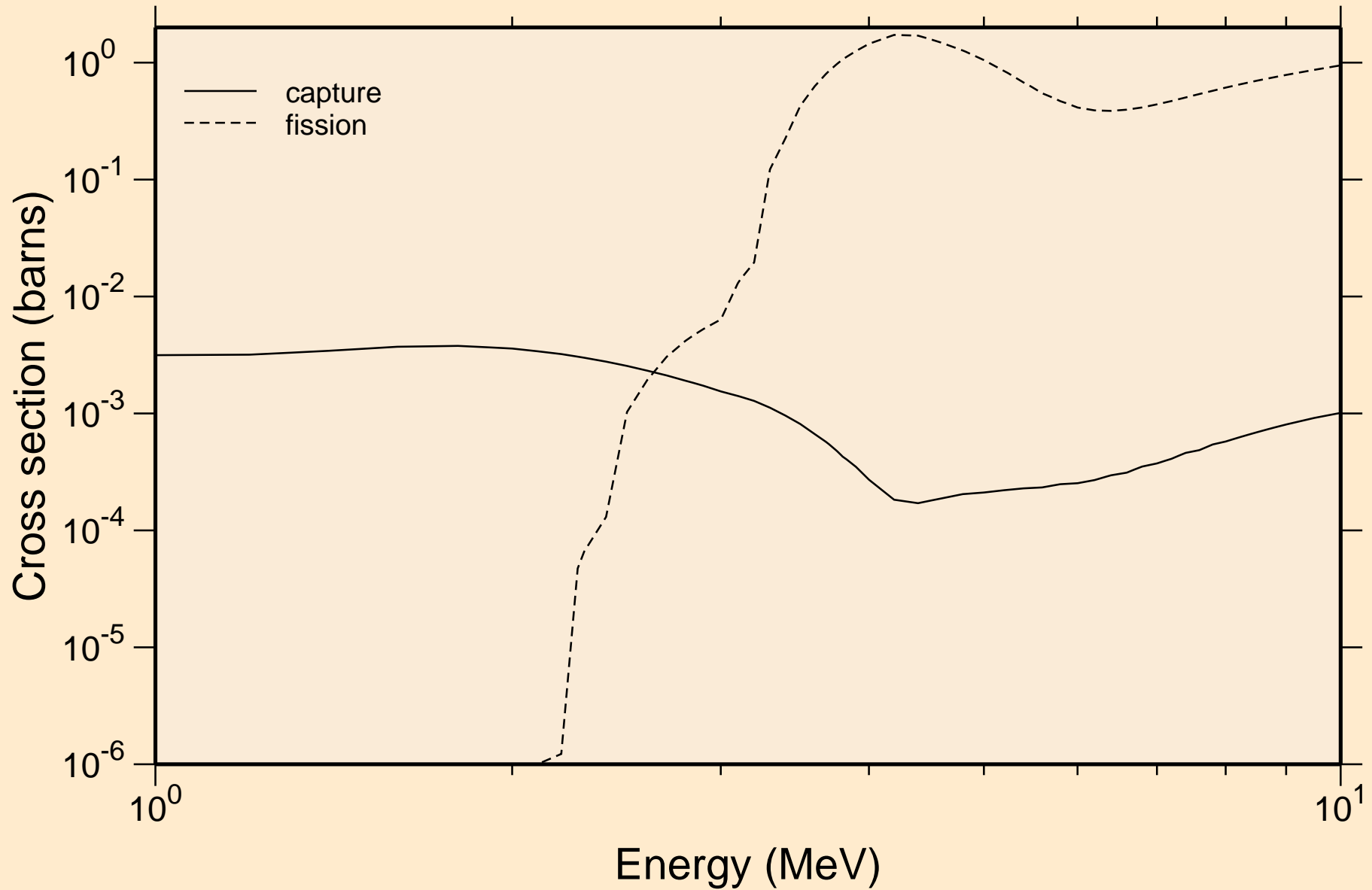


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



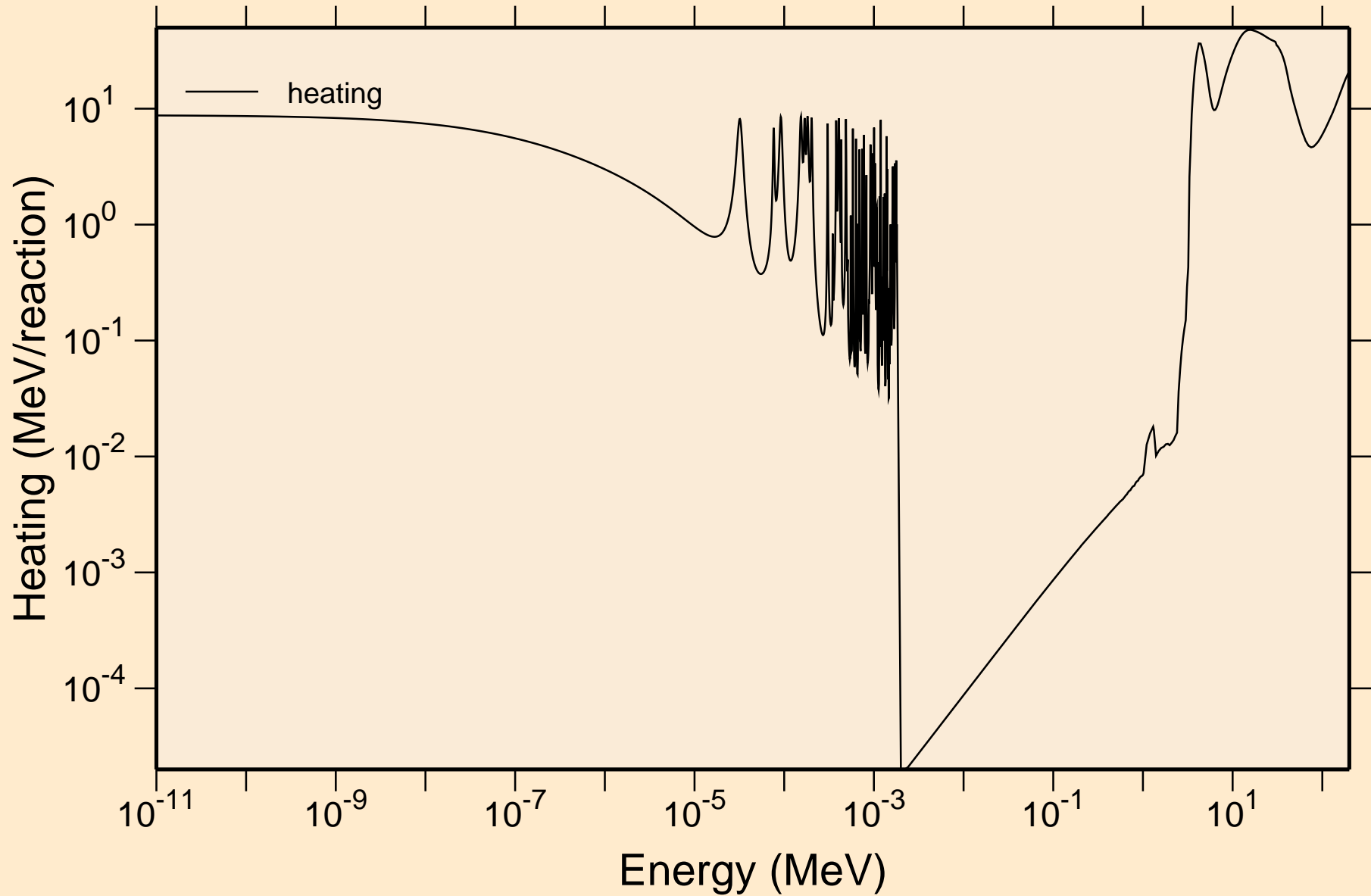


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



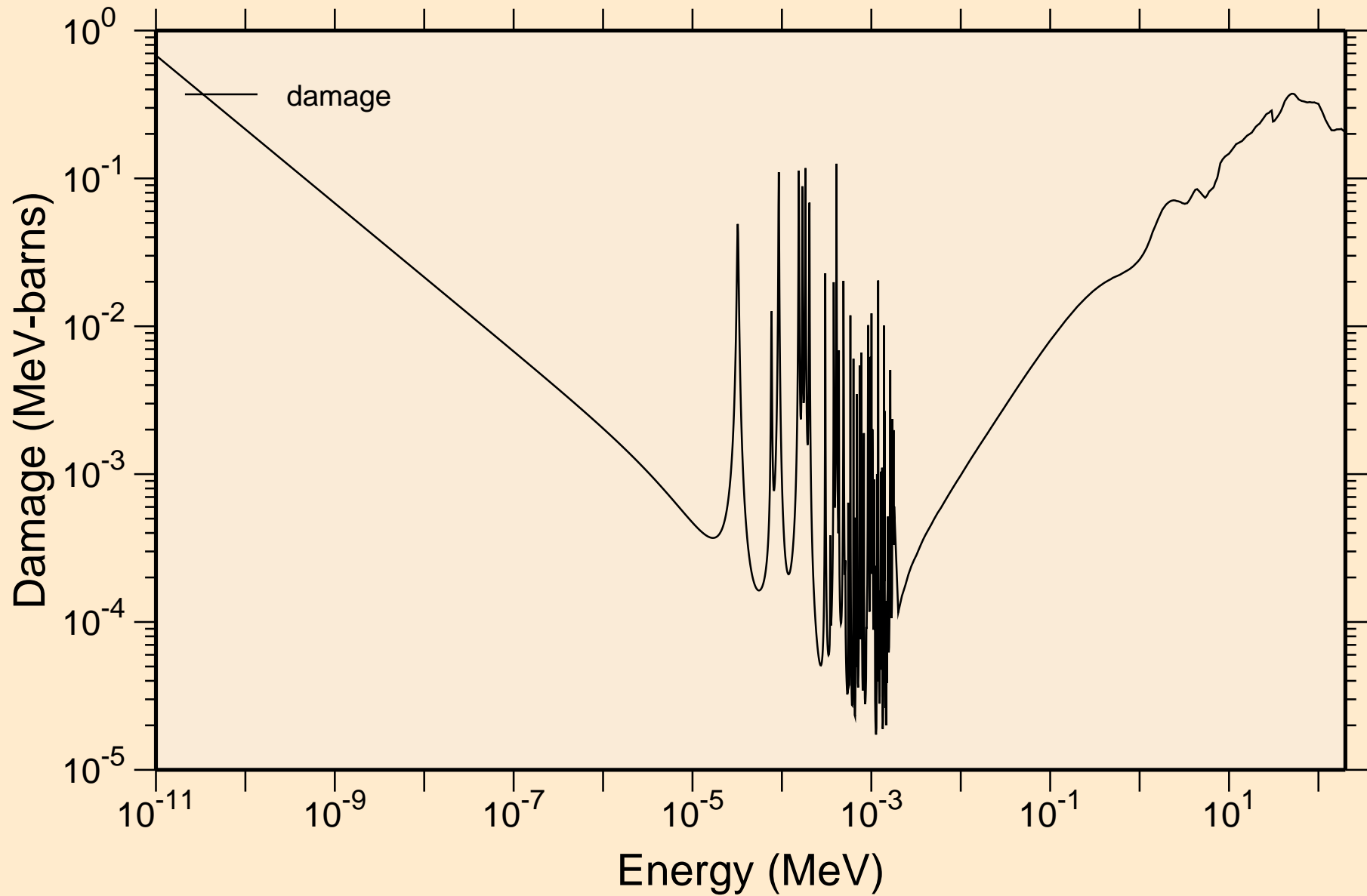
# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

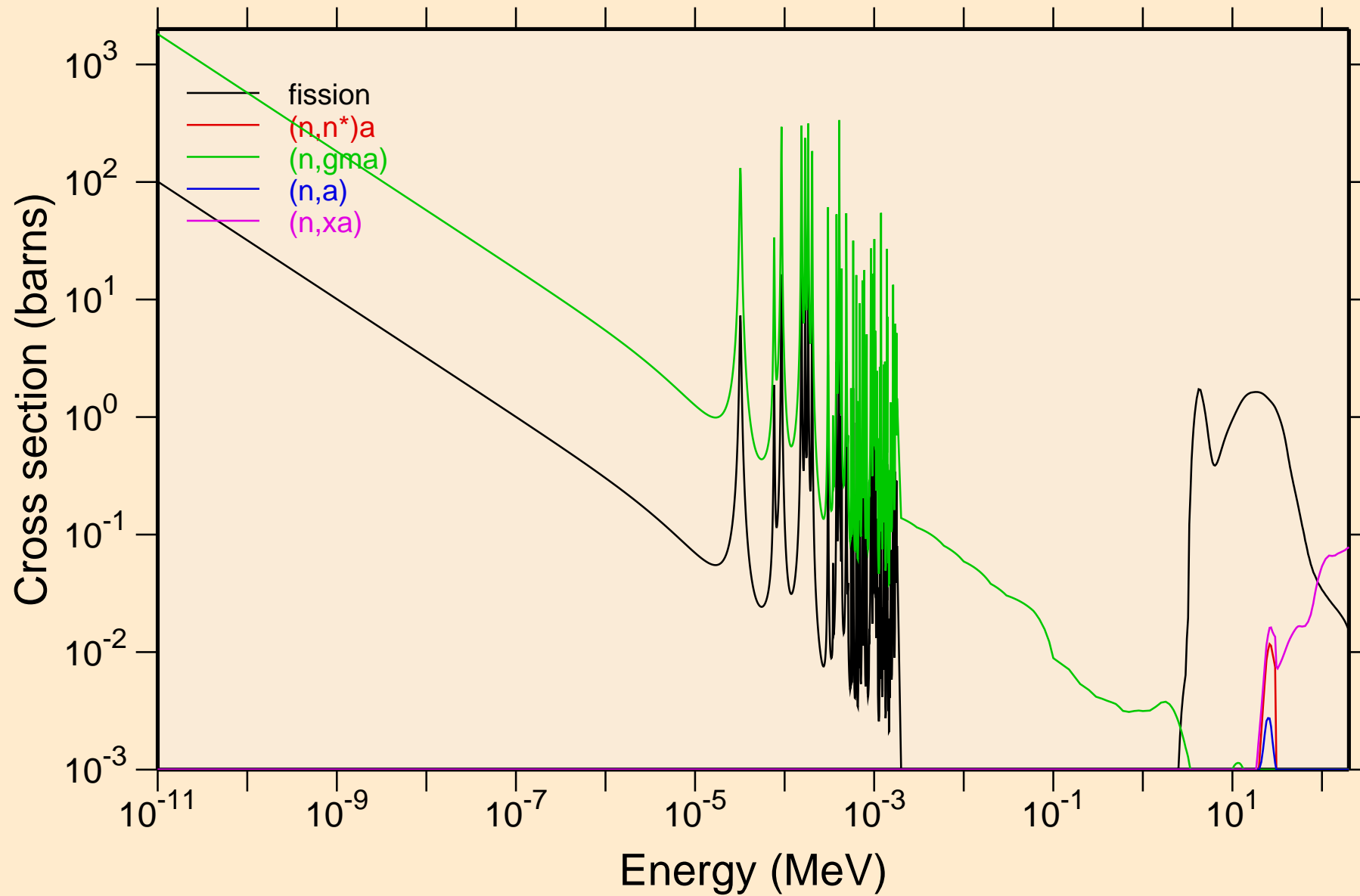


# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

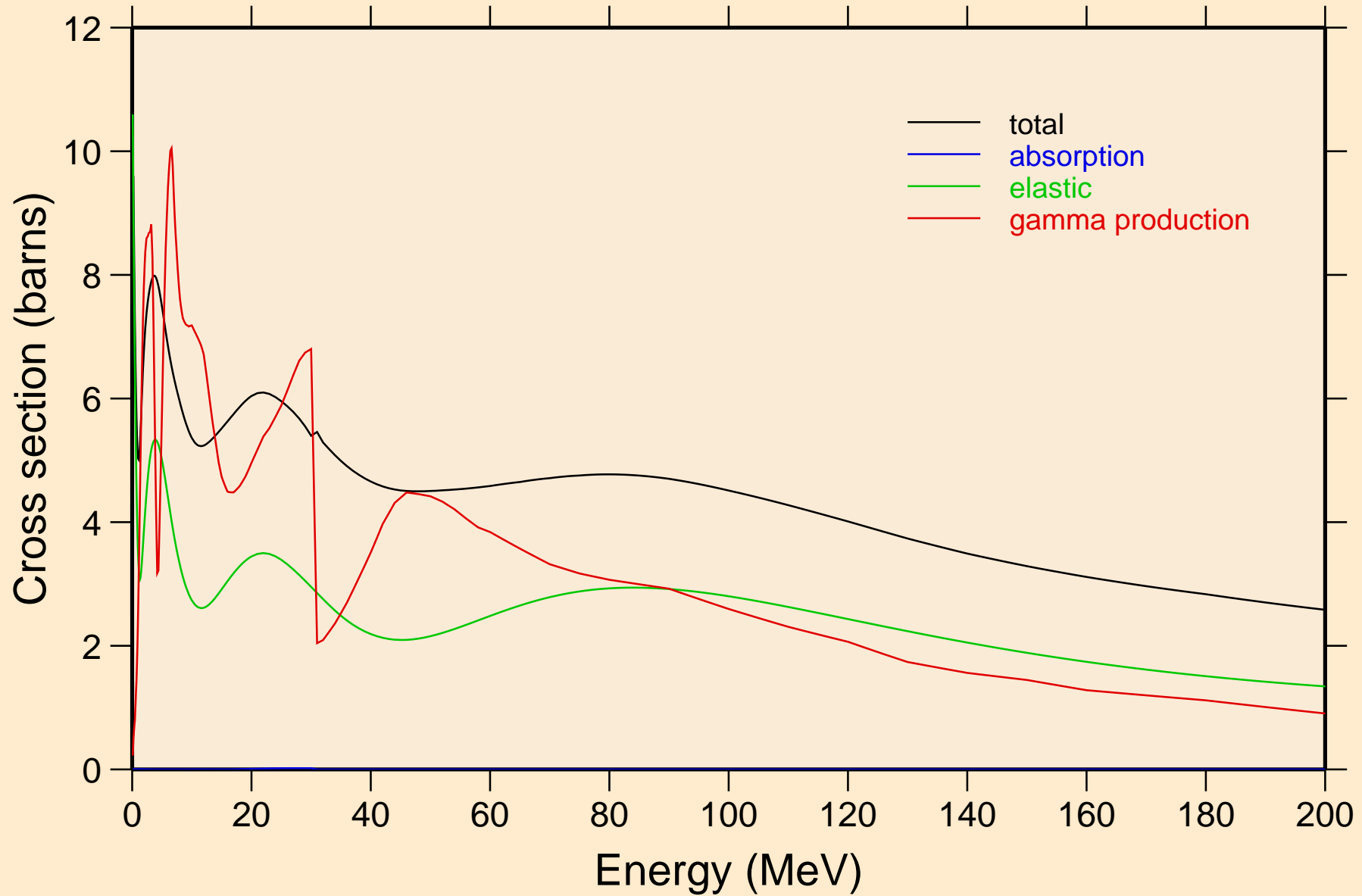


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



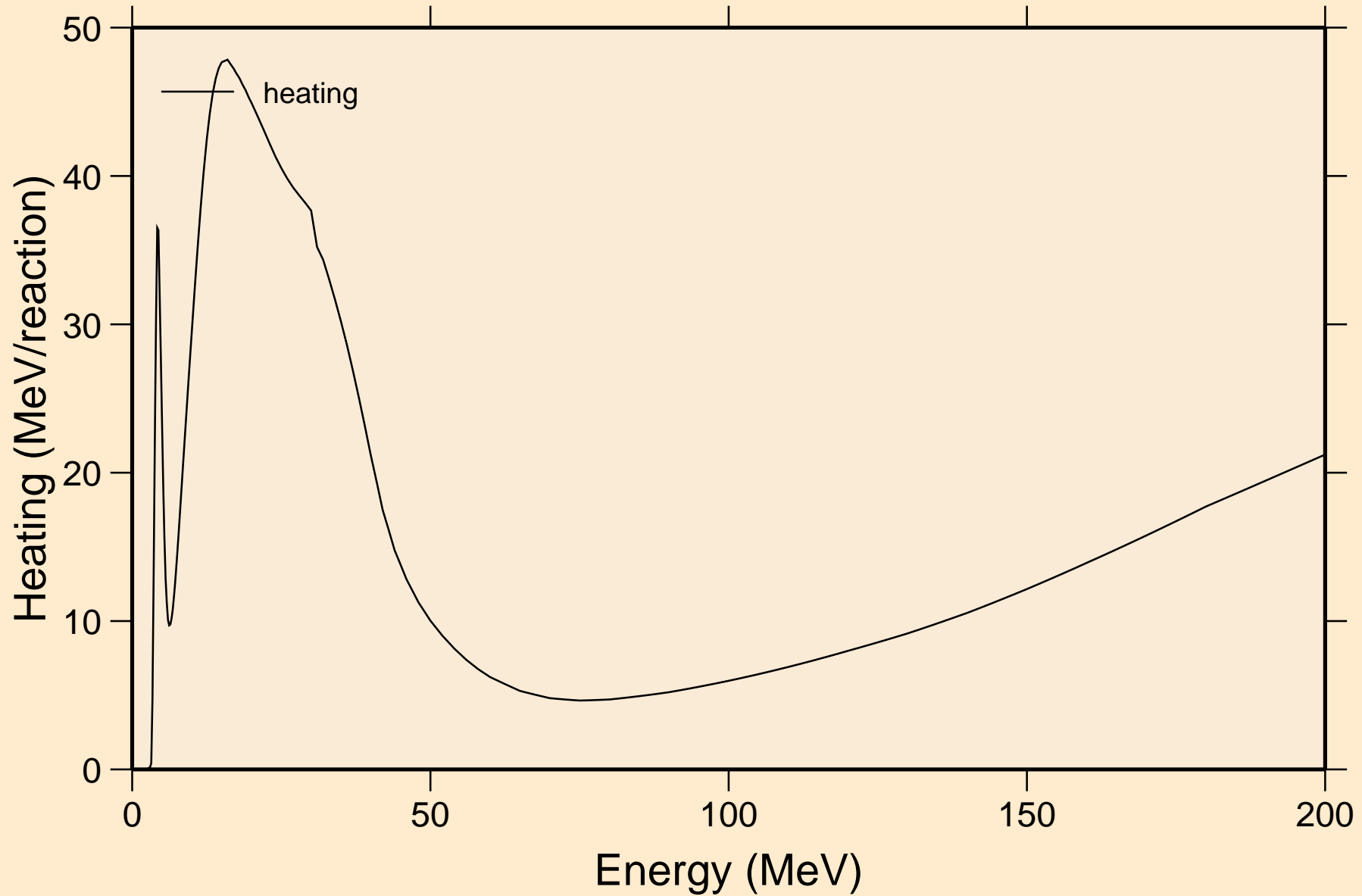
# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



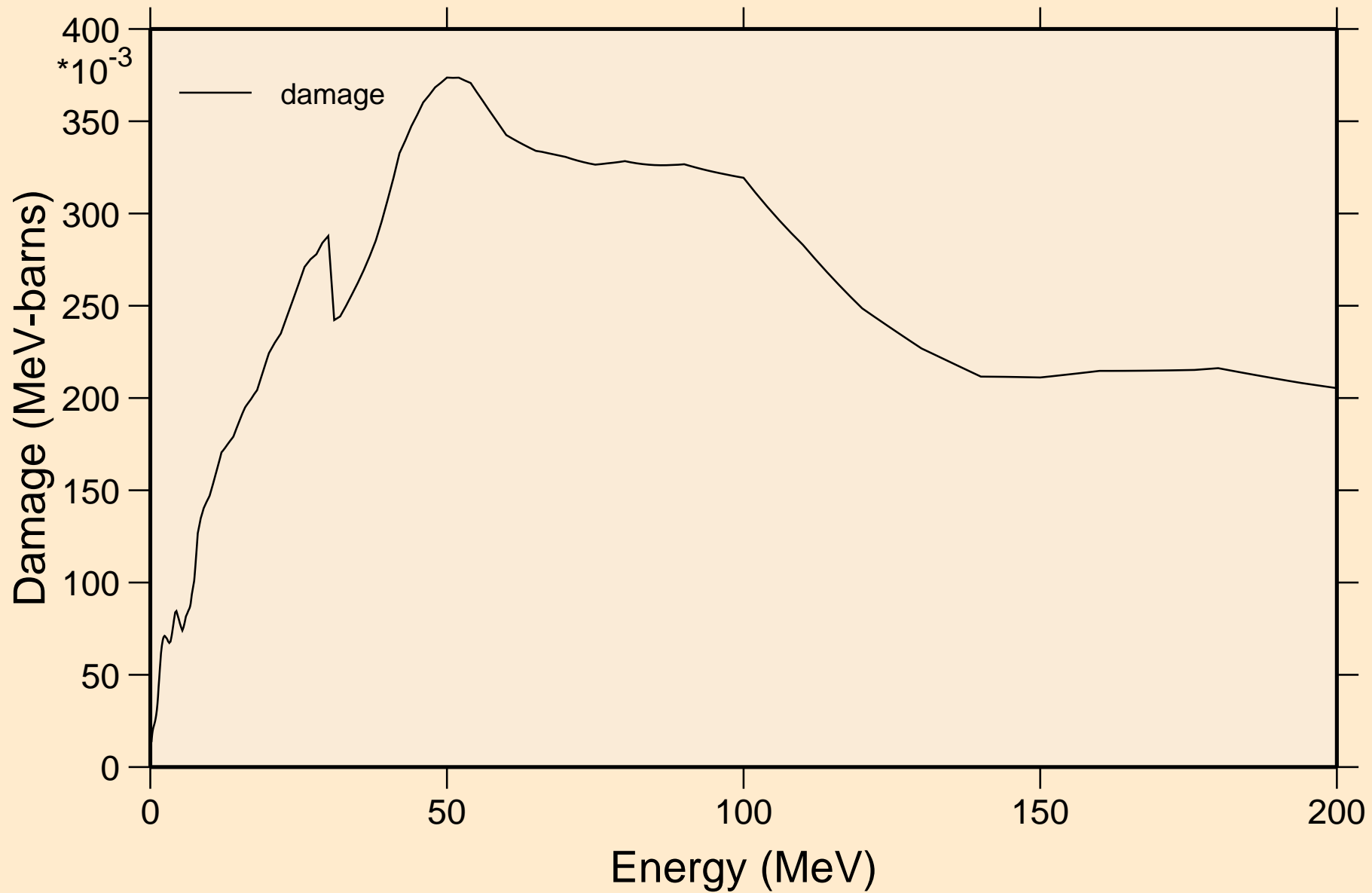
# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

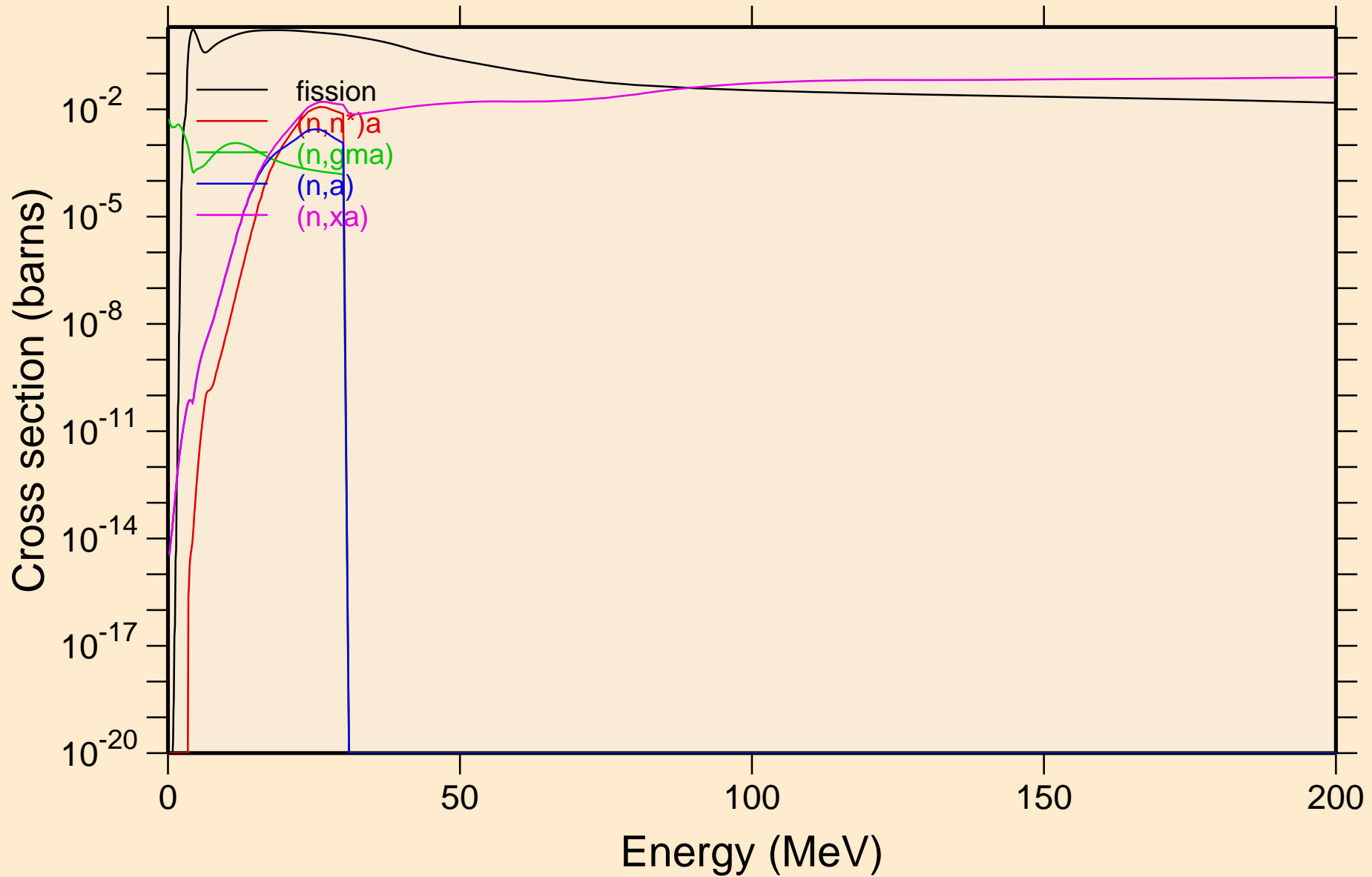


# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

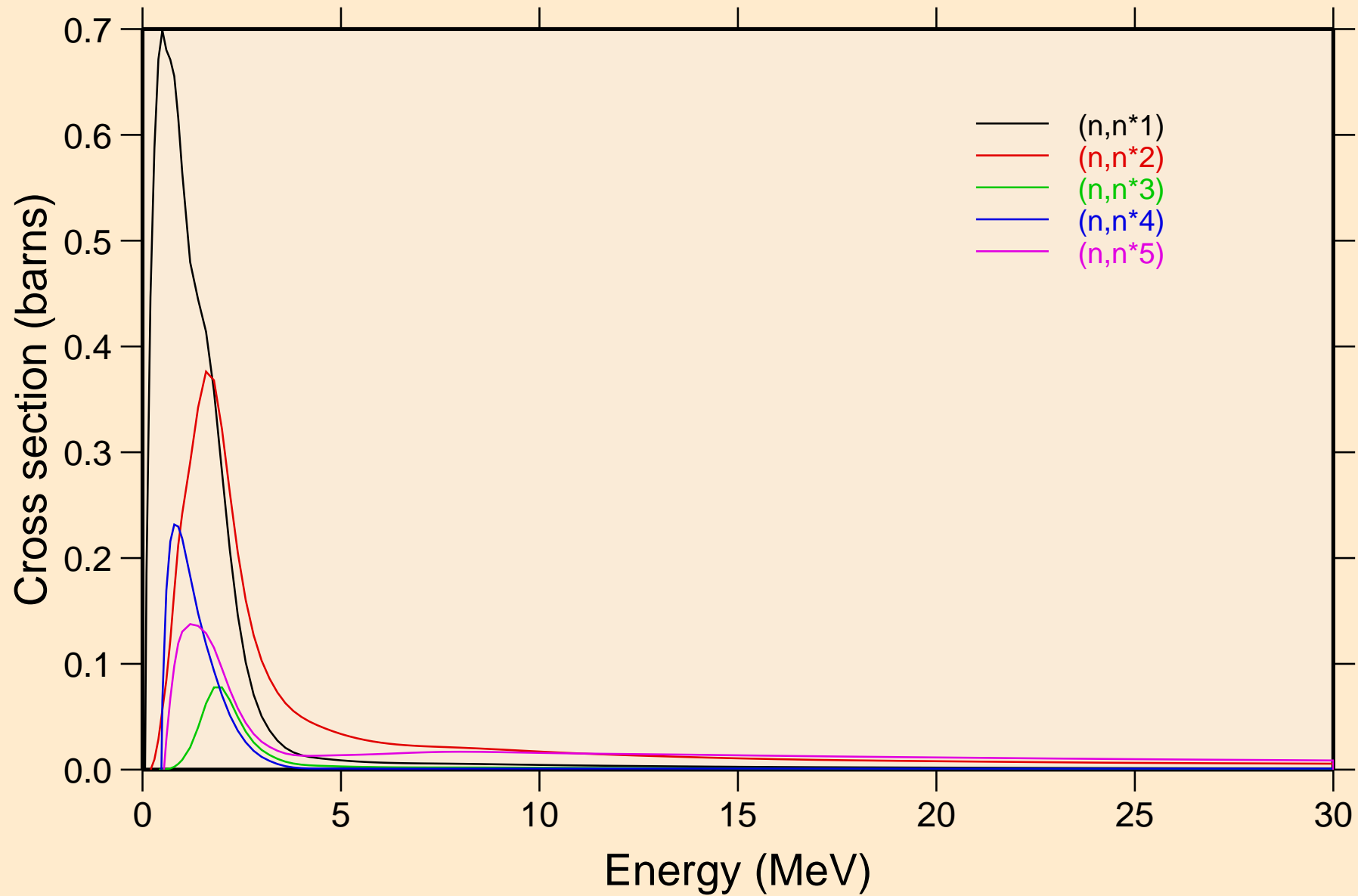


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

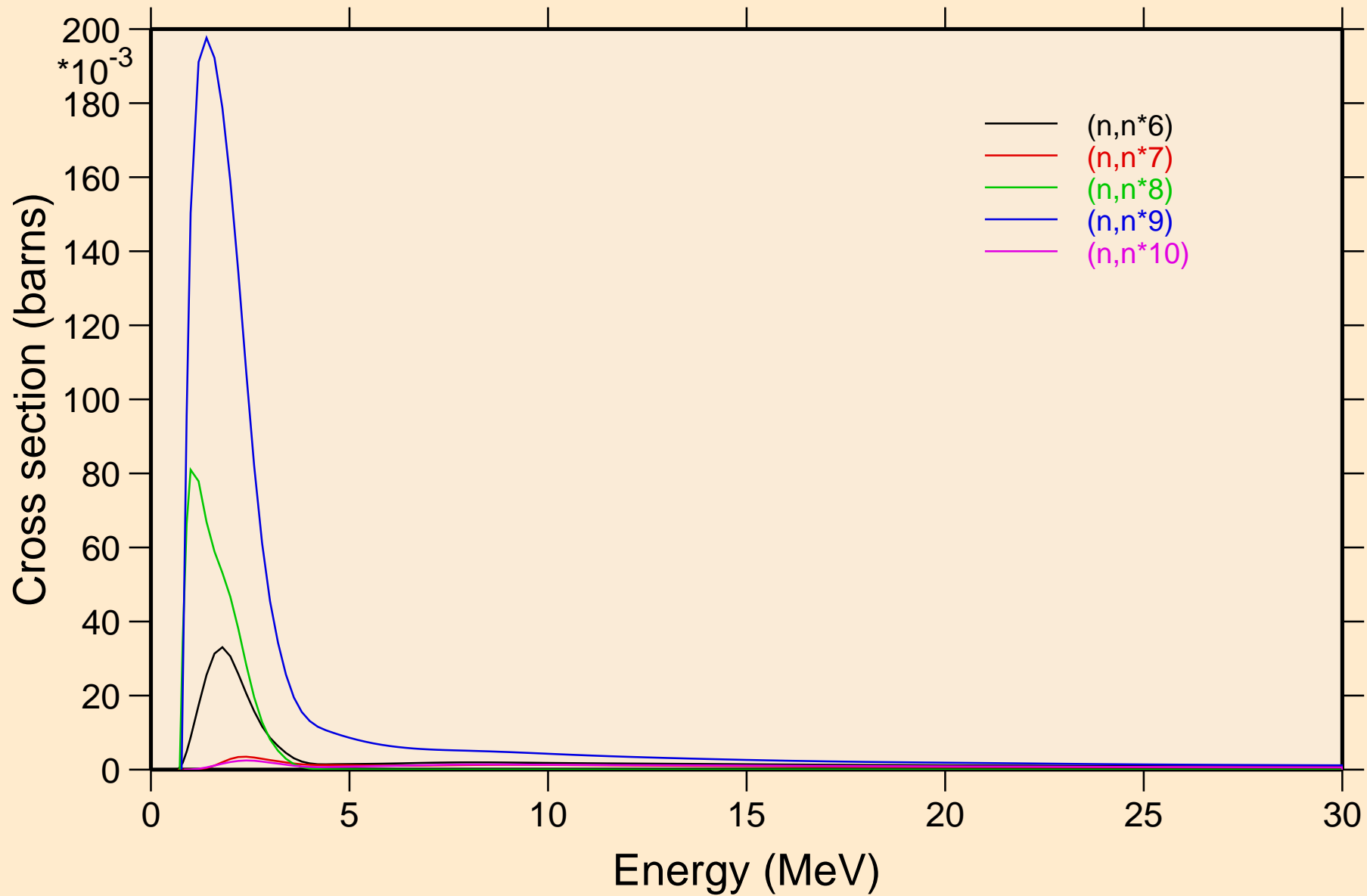




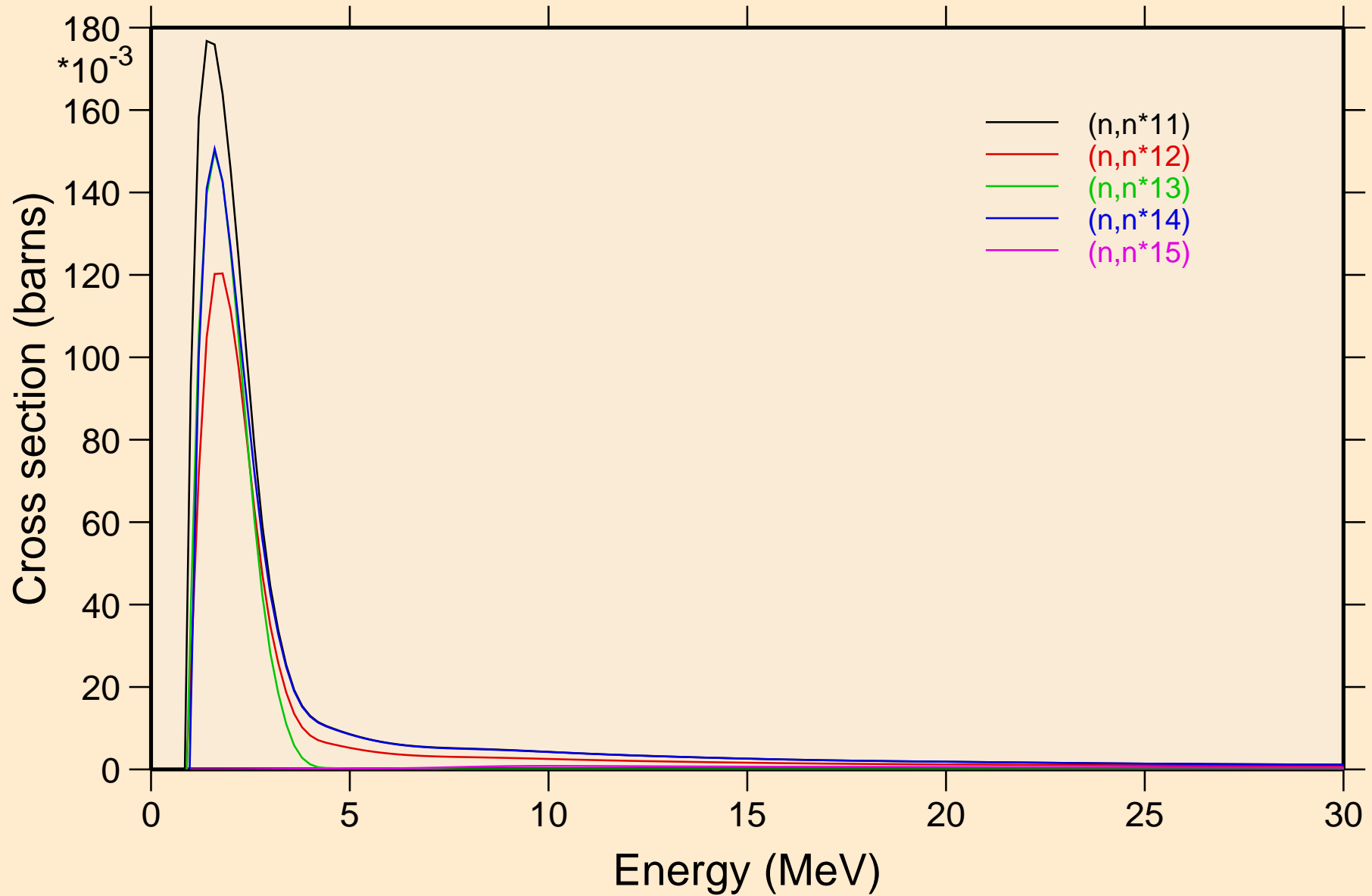
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



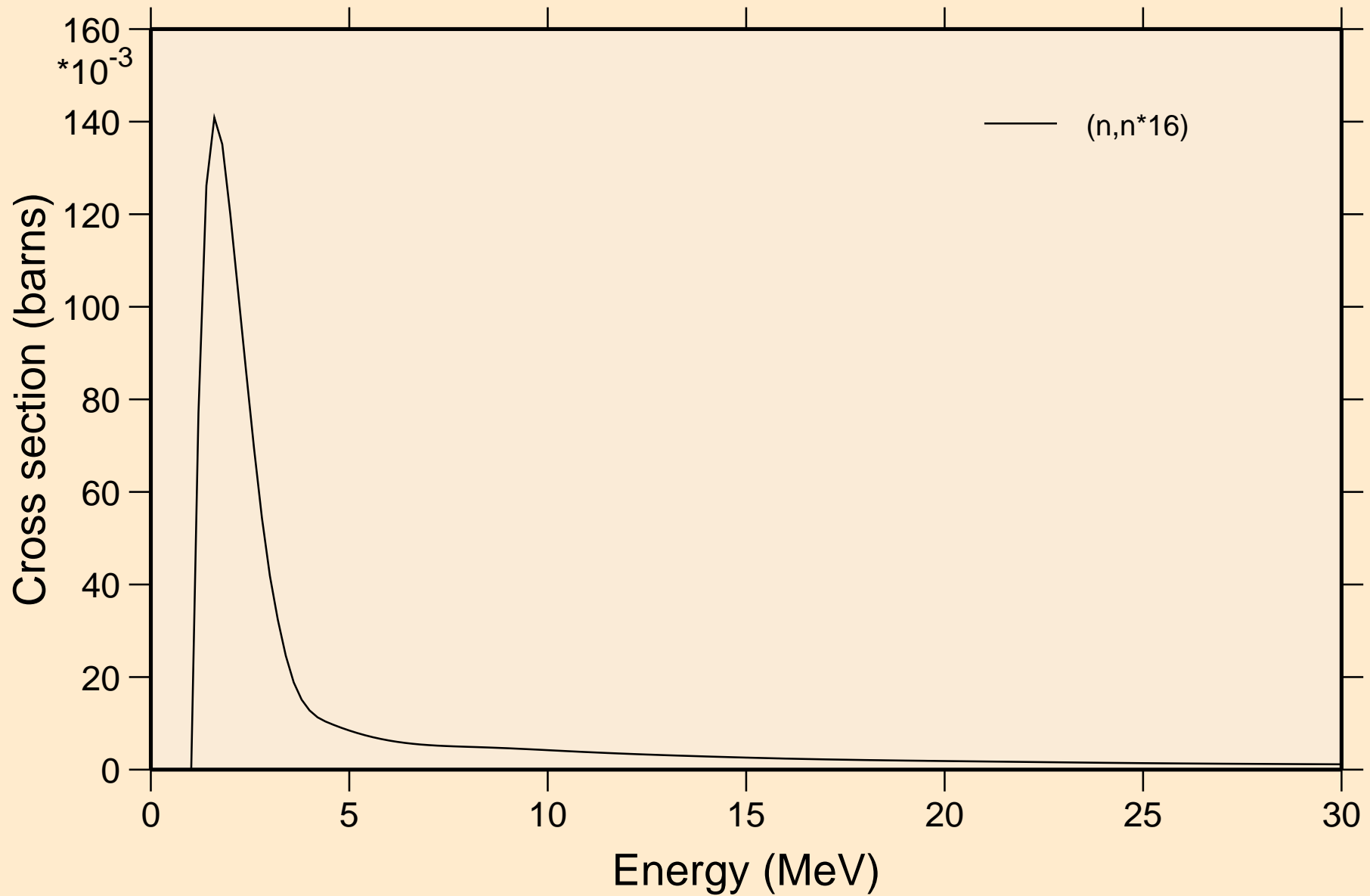
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



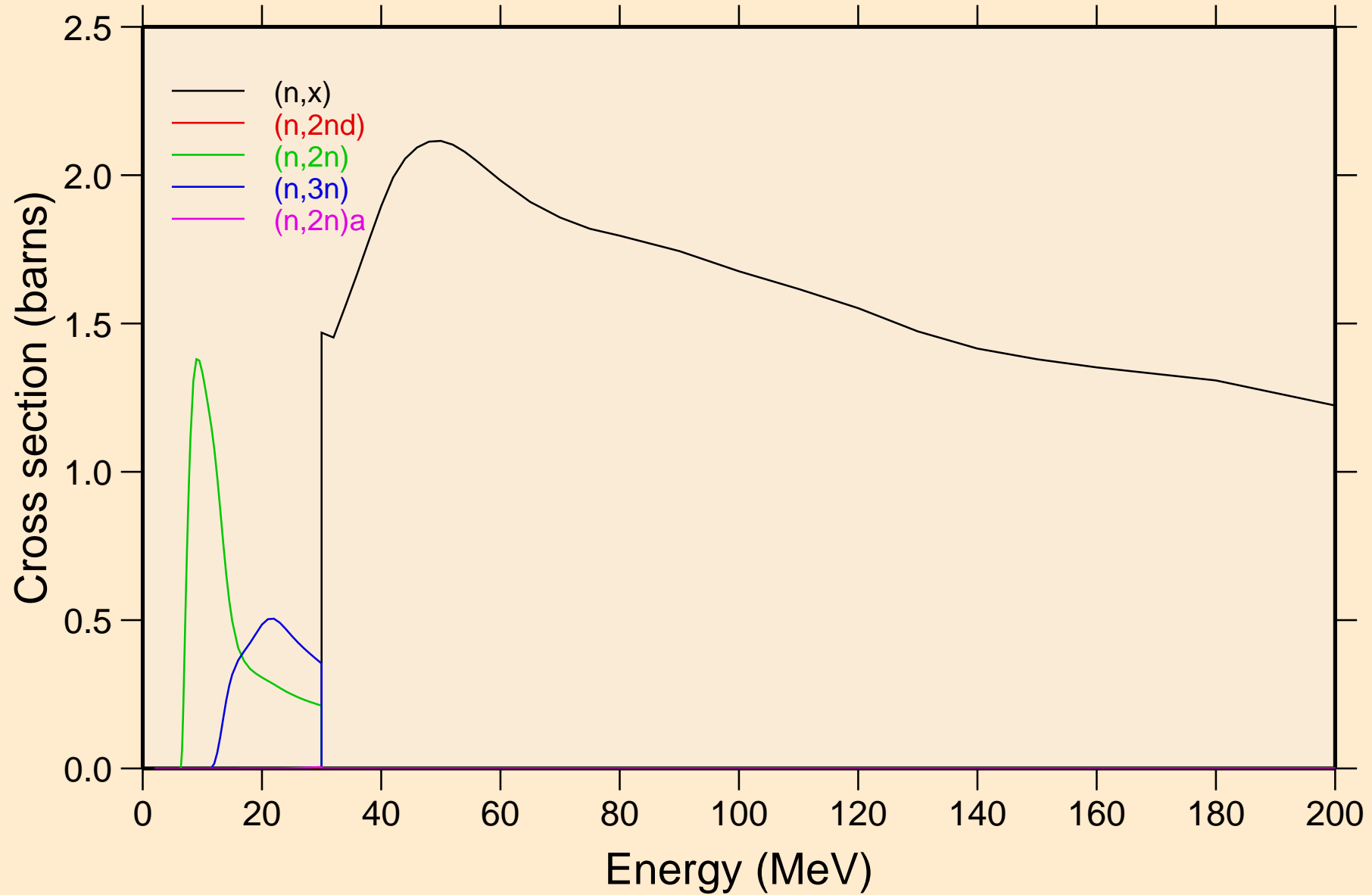
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

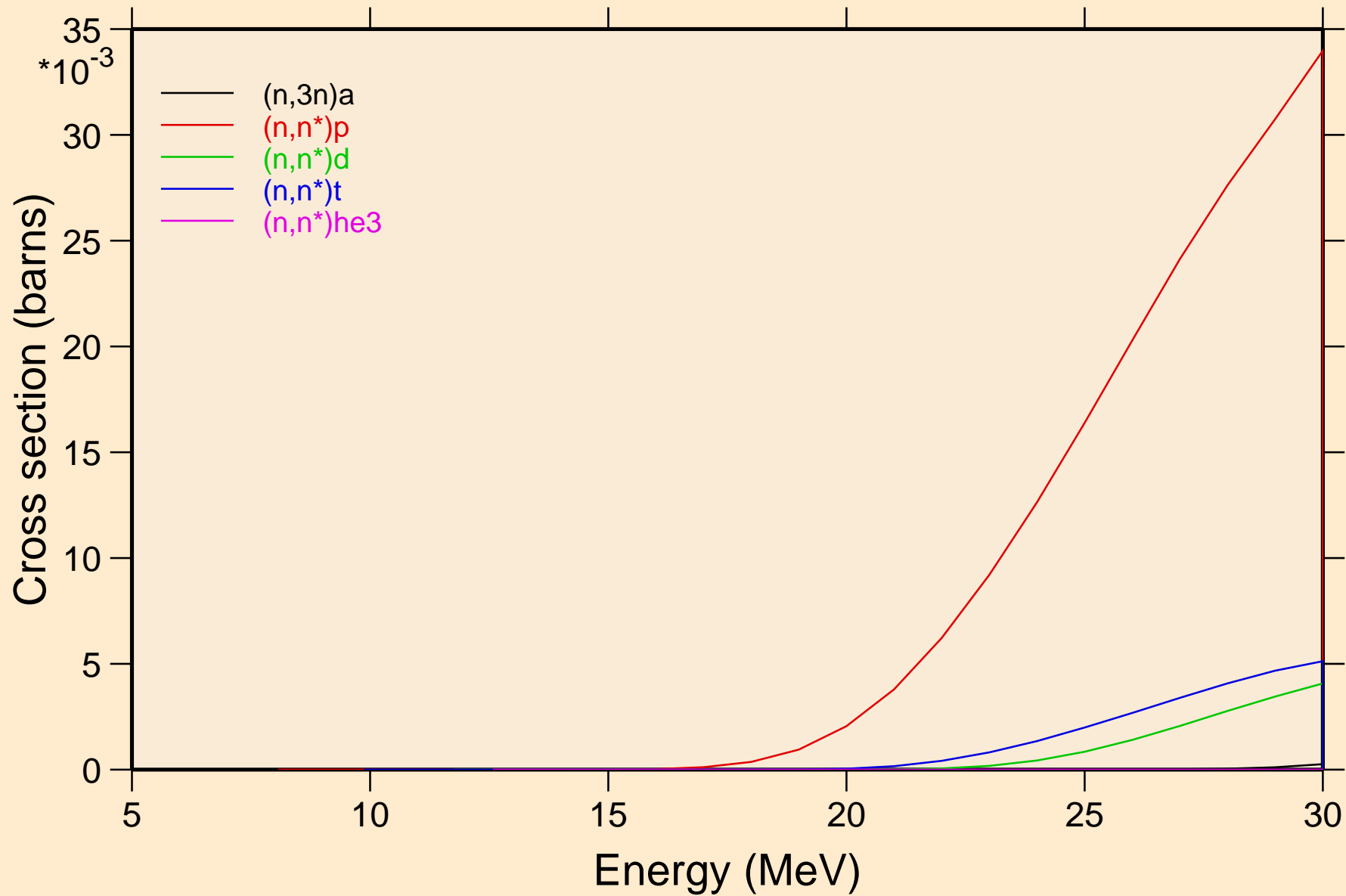


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



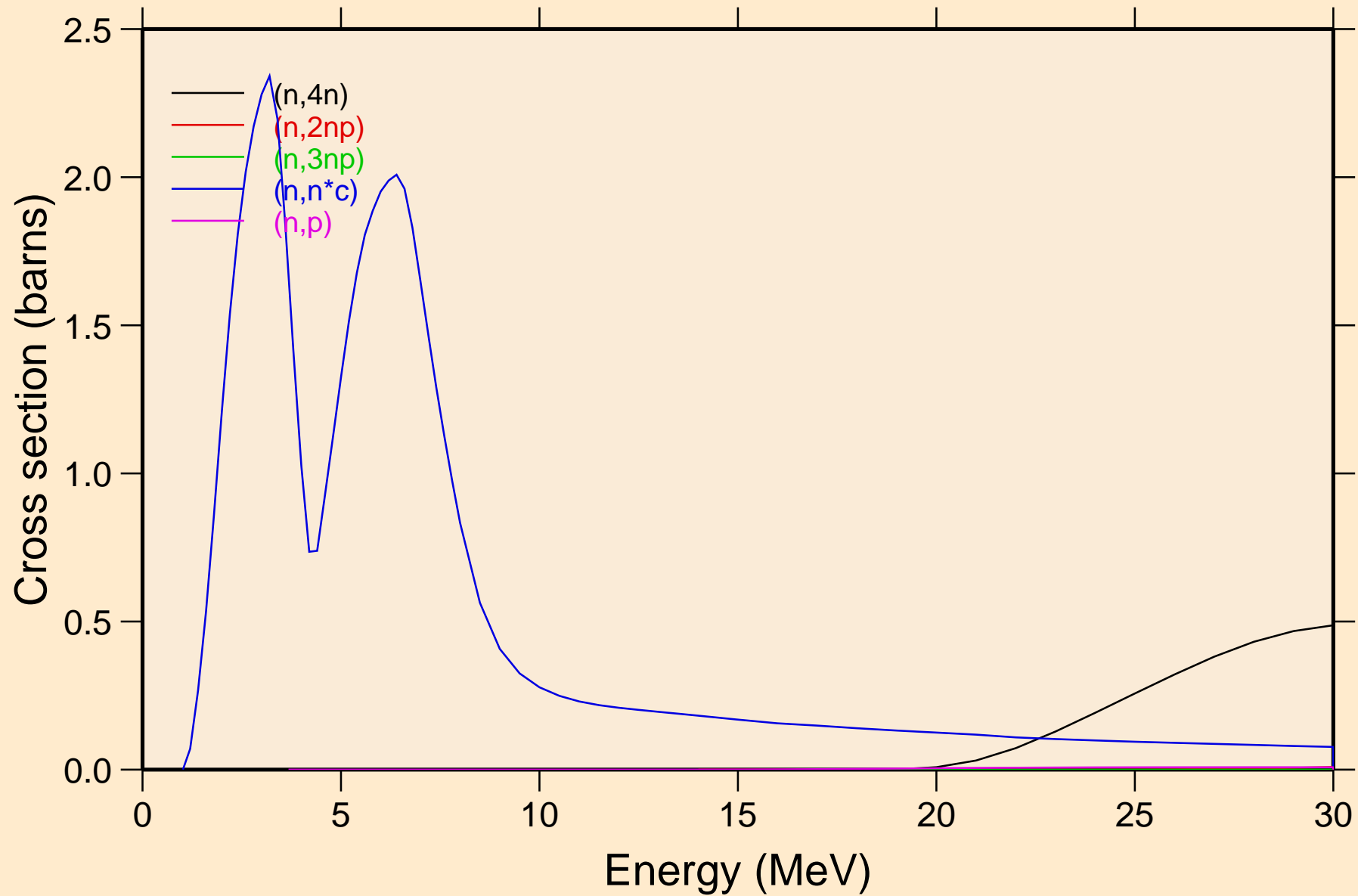
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## Threshold reactions

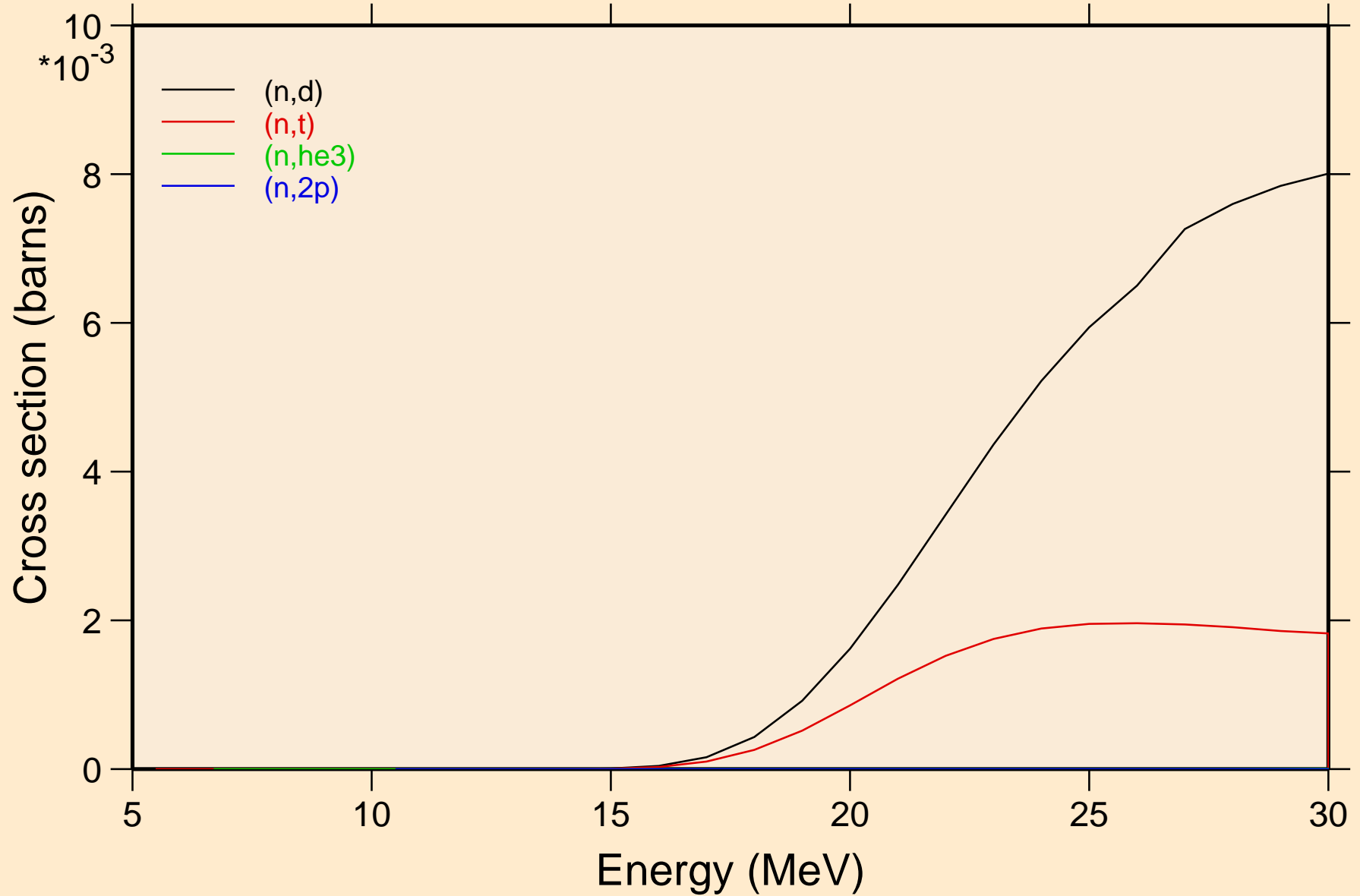


# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

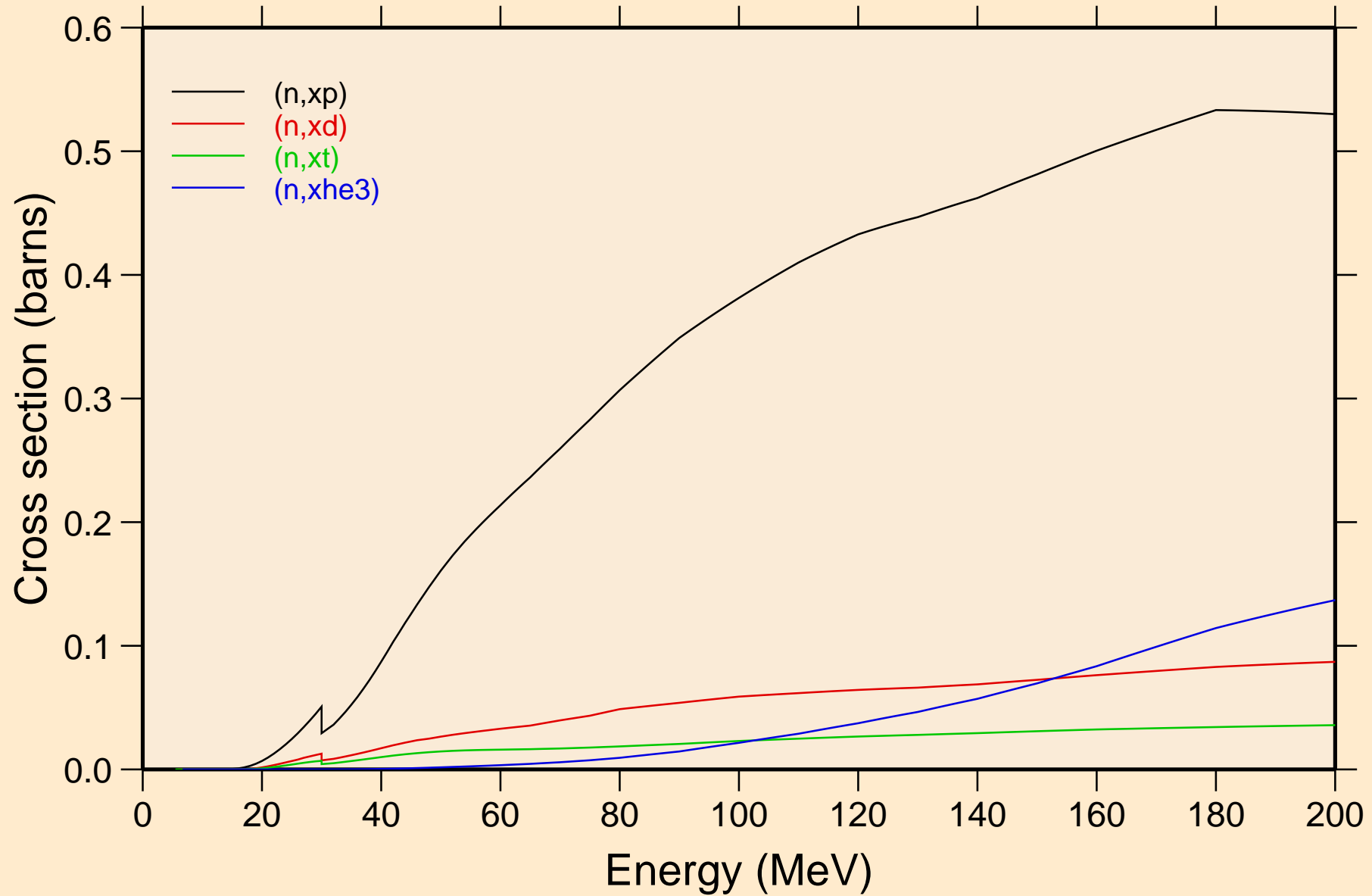


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

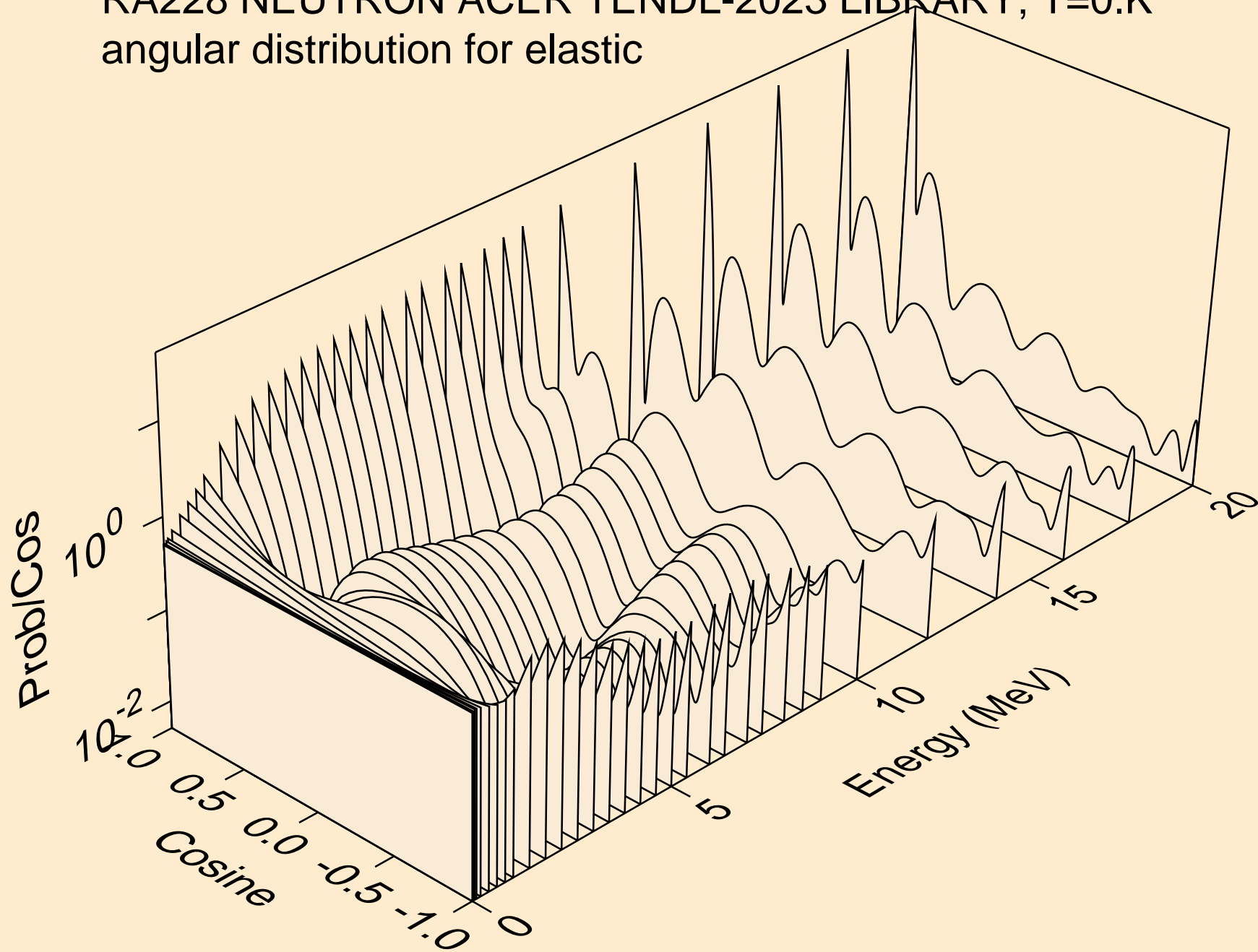




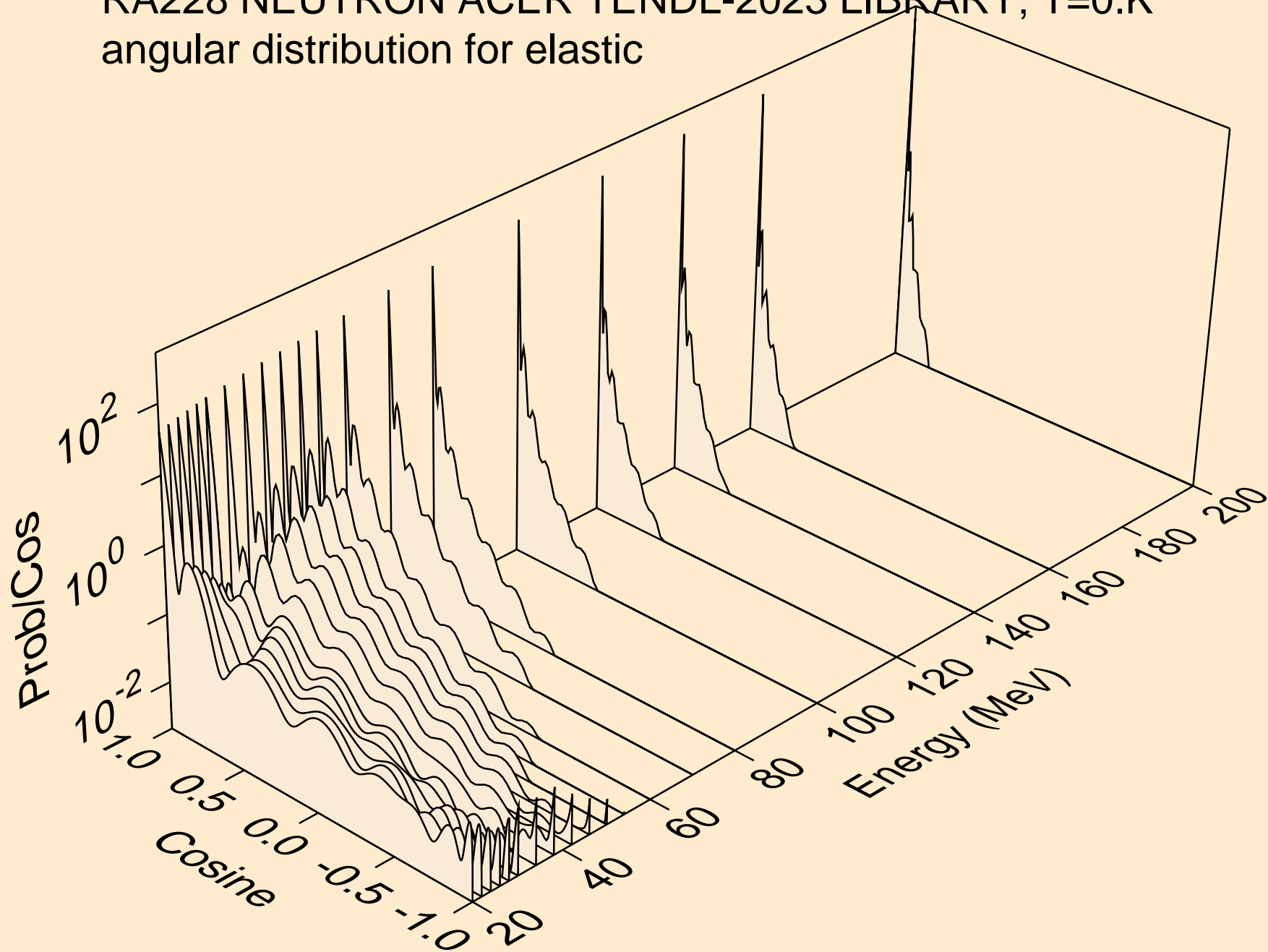
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Threshold reactions



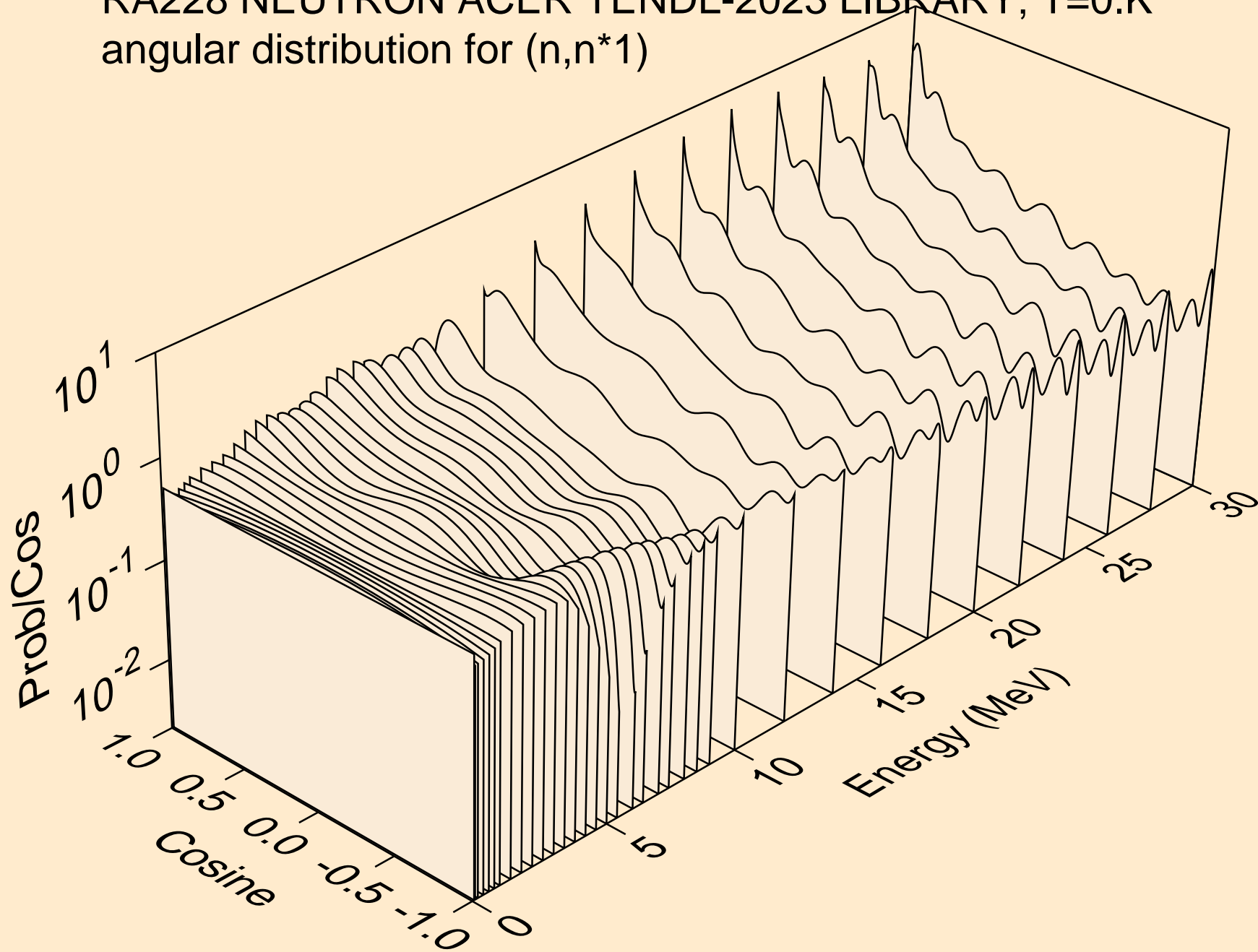
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angular distribution for elastic



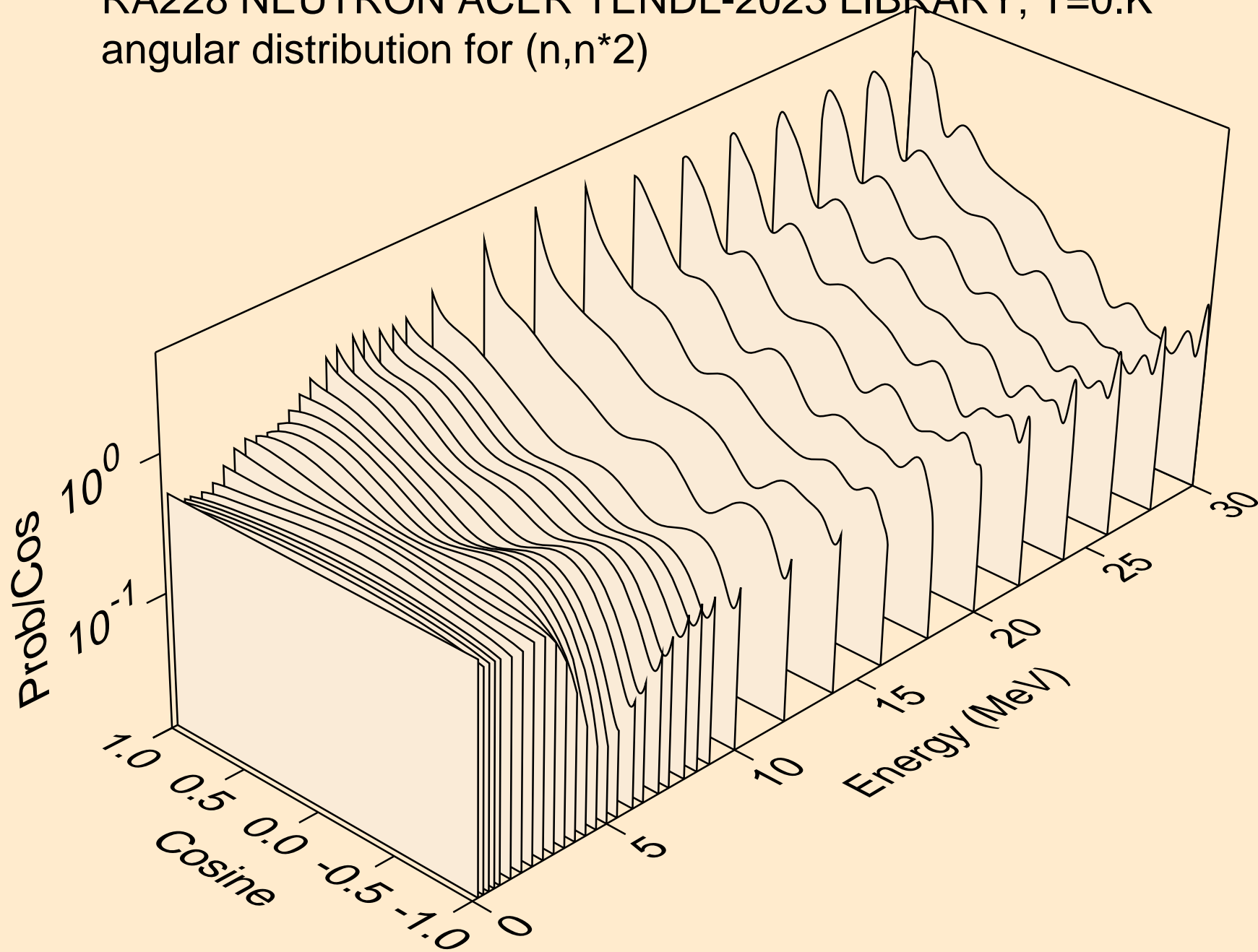
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



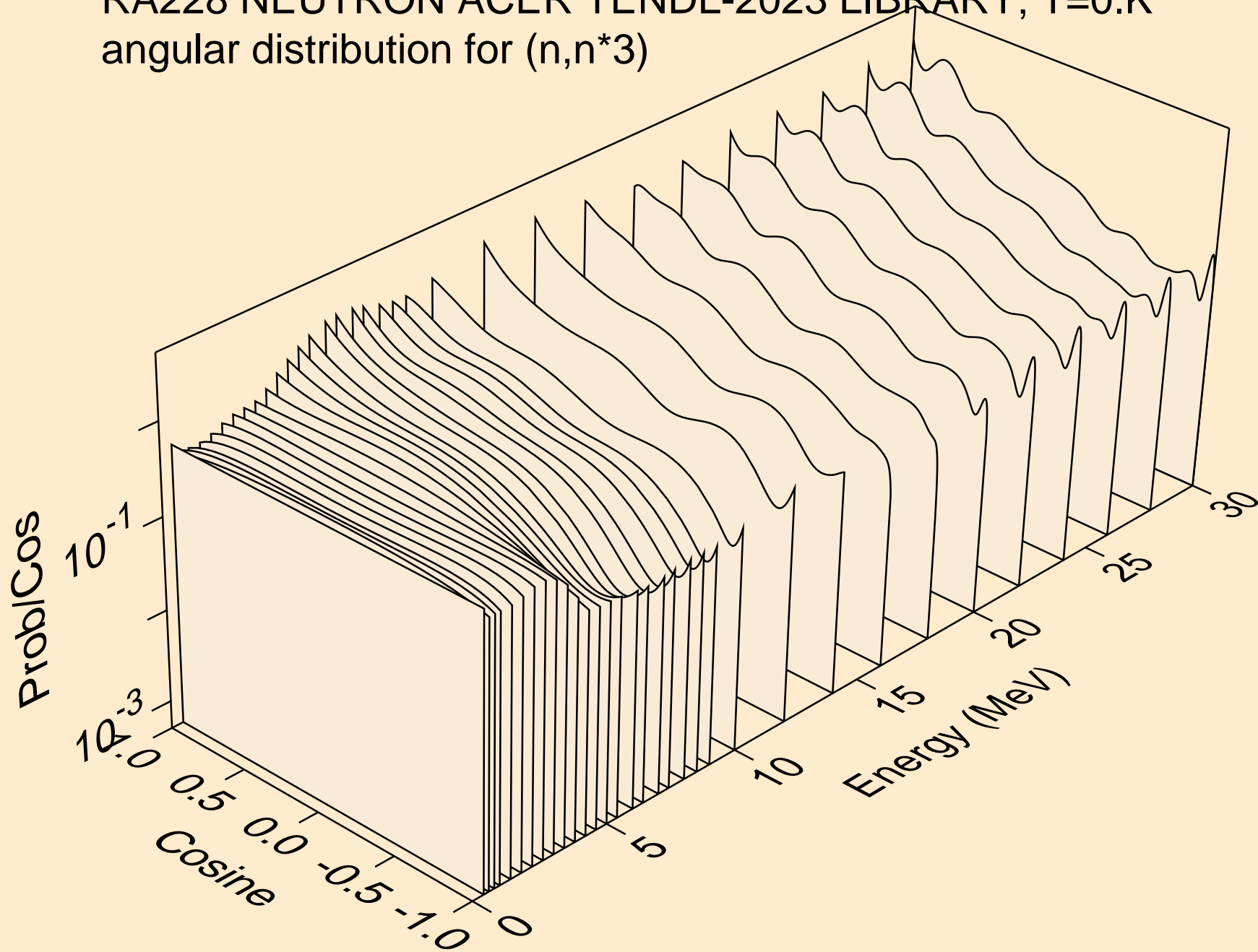
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



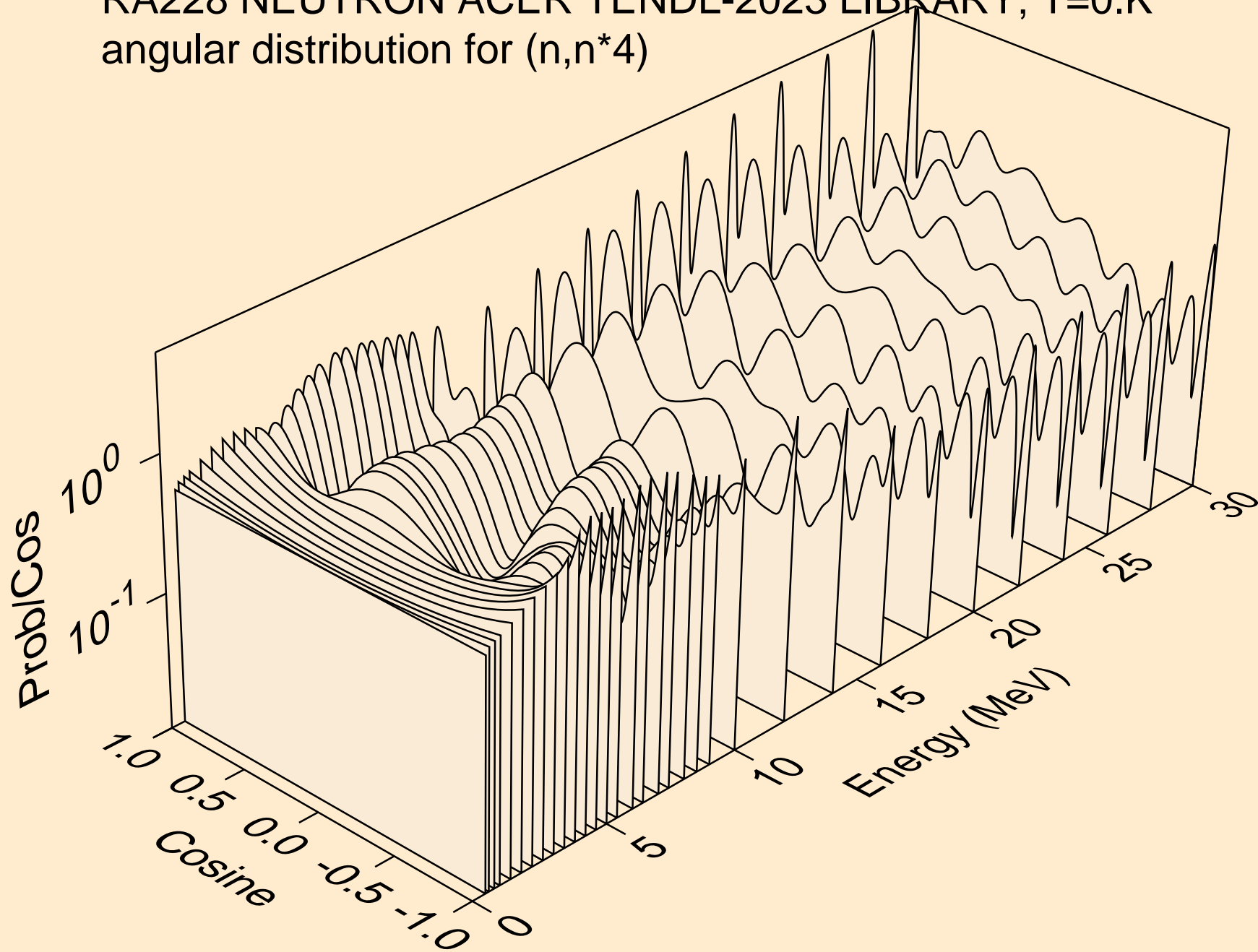
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angular distribution for (n,n\*2)



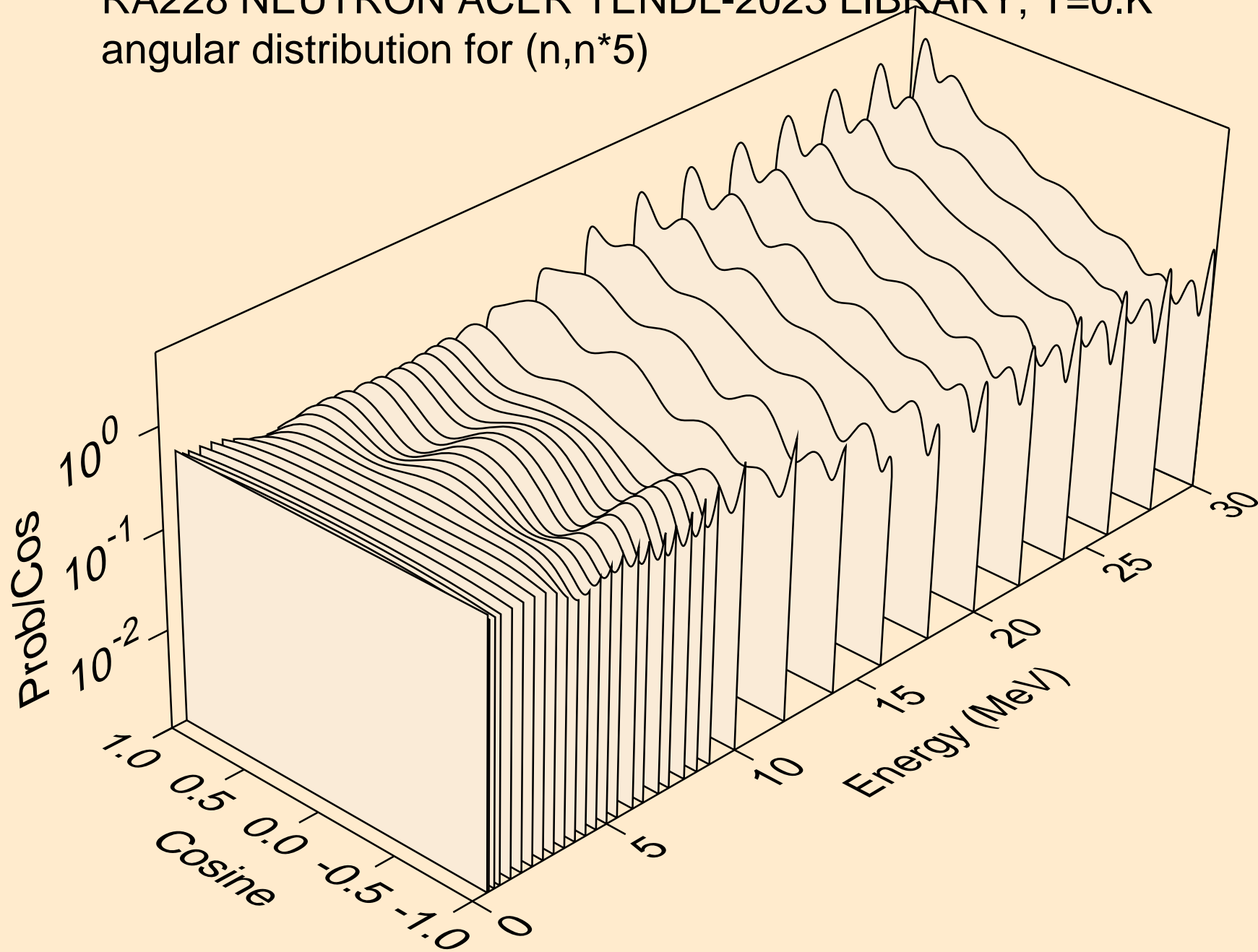
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

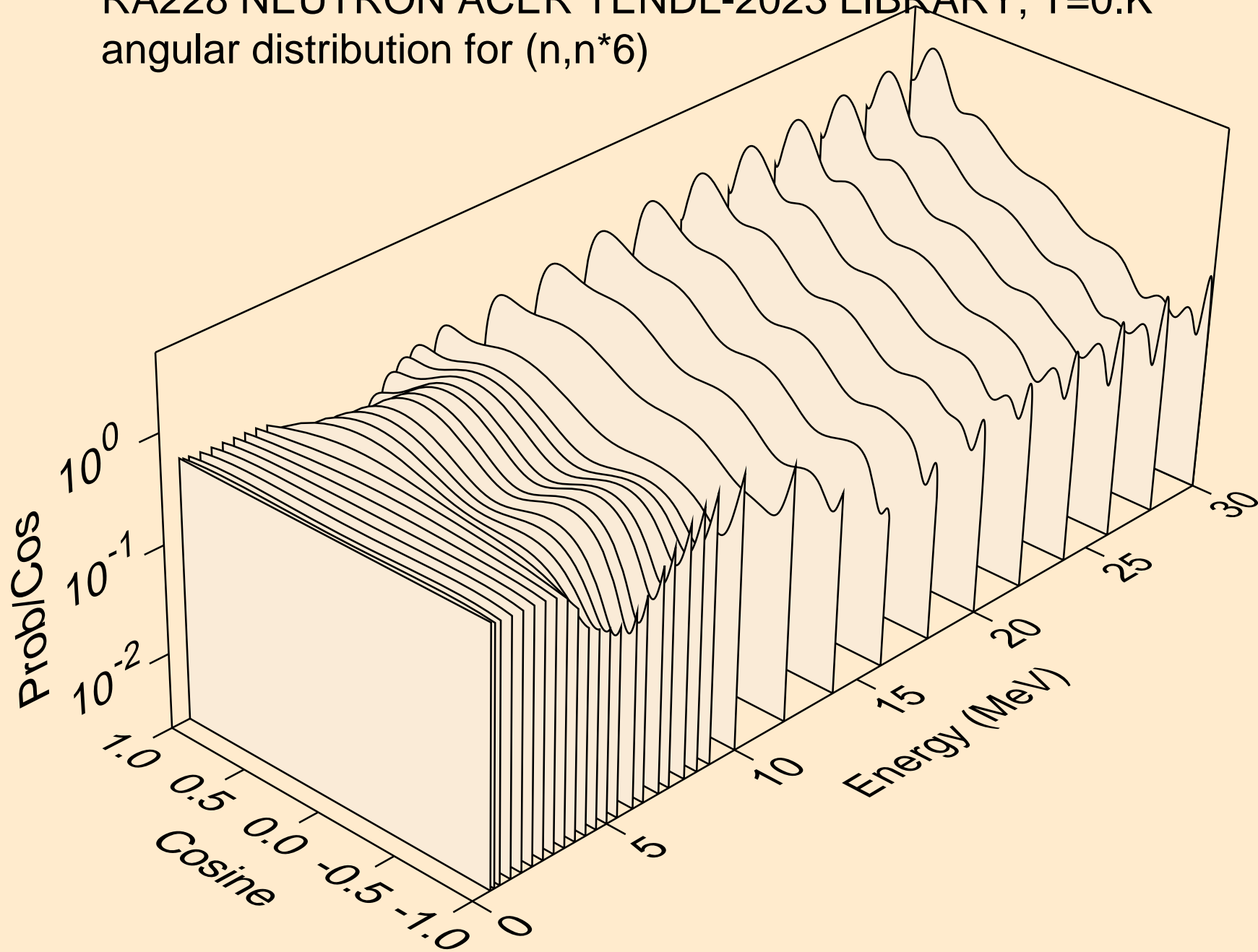


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angular distribution for (n,n\*5)

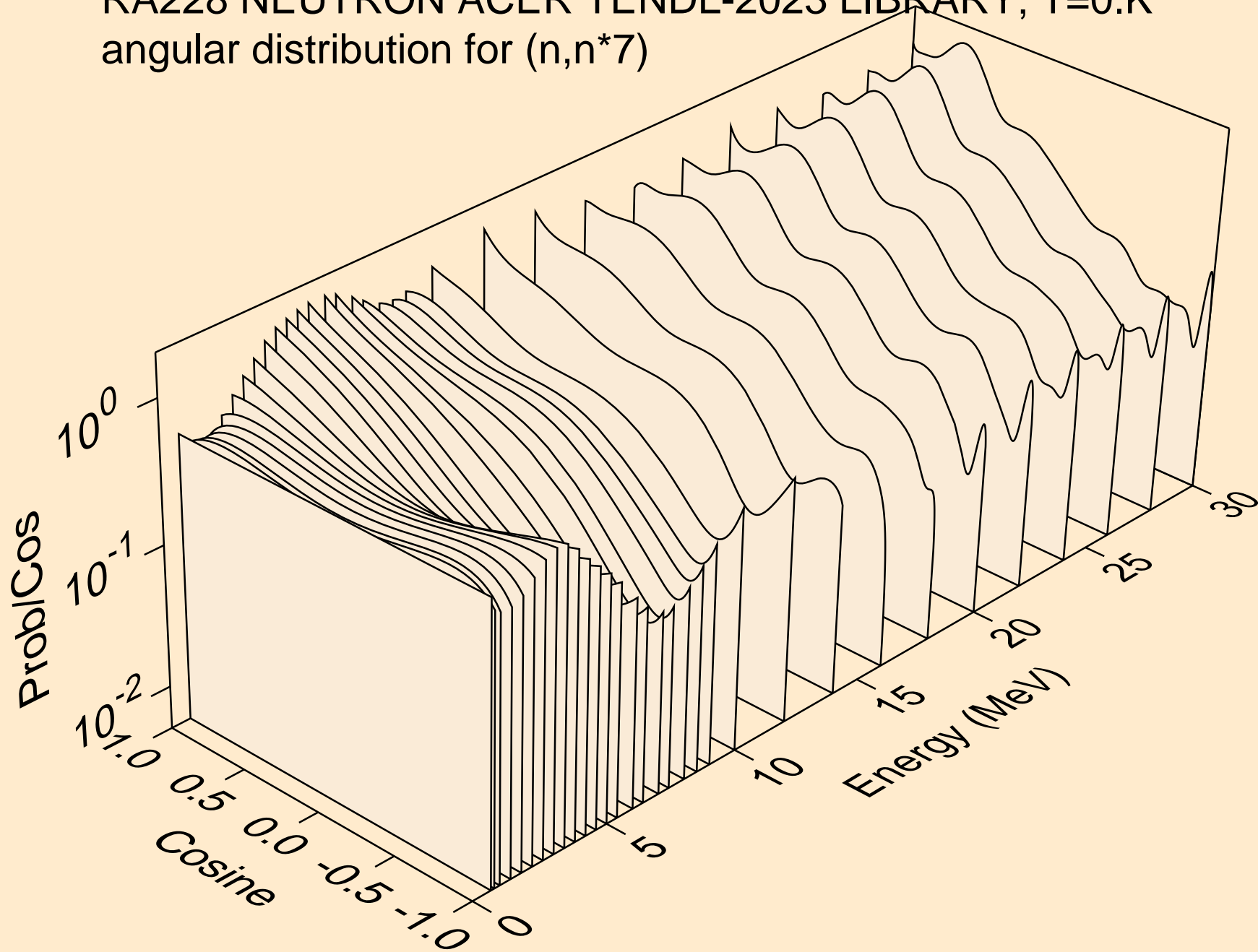




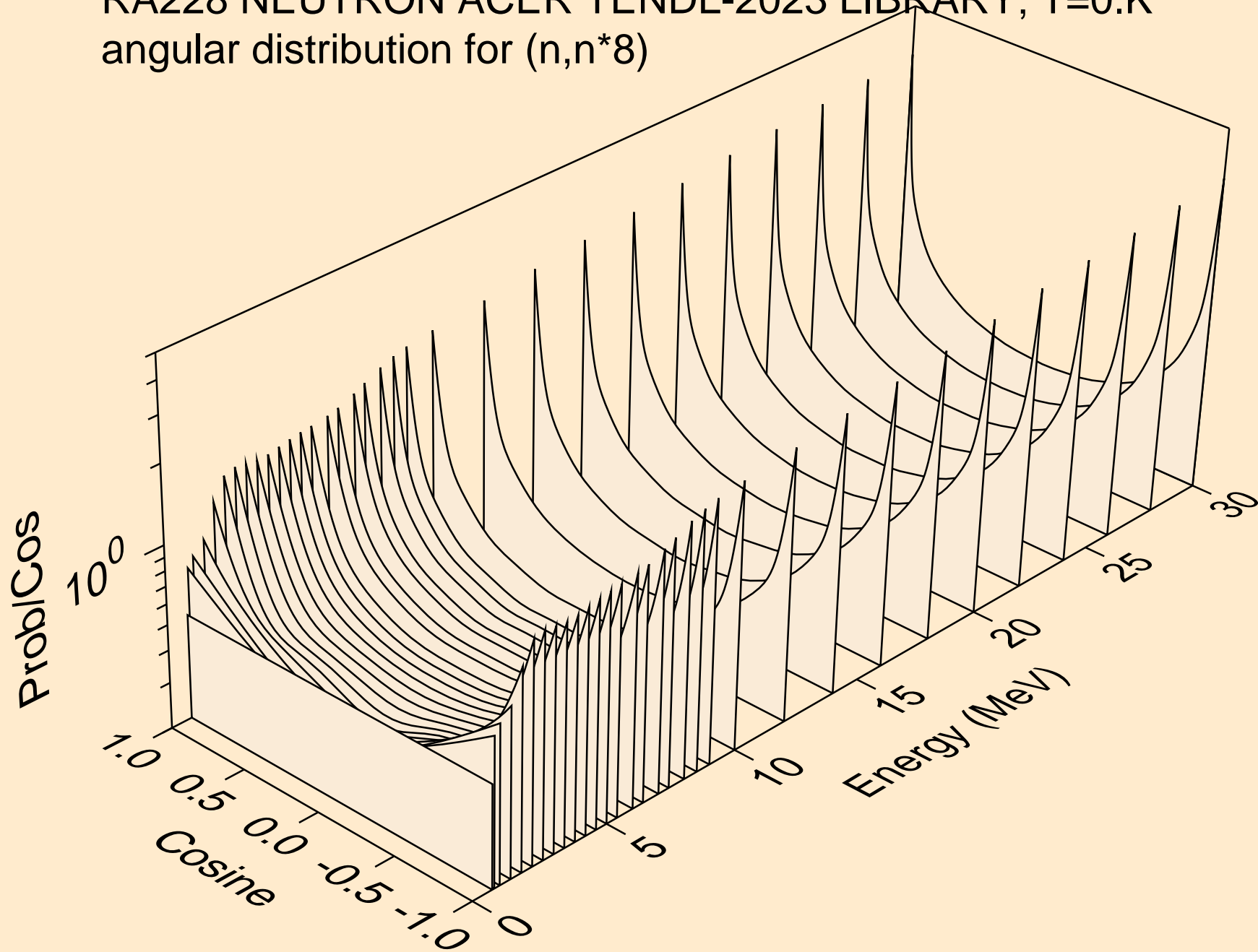
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angular distribution for (n,n\*6)



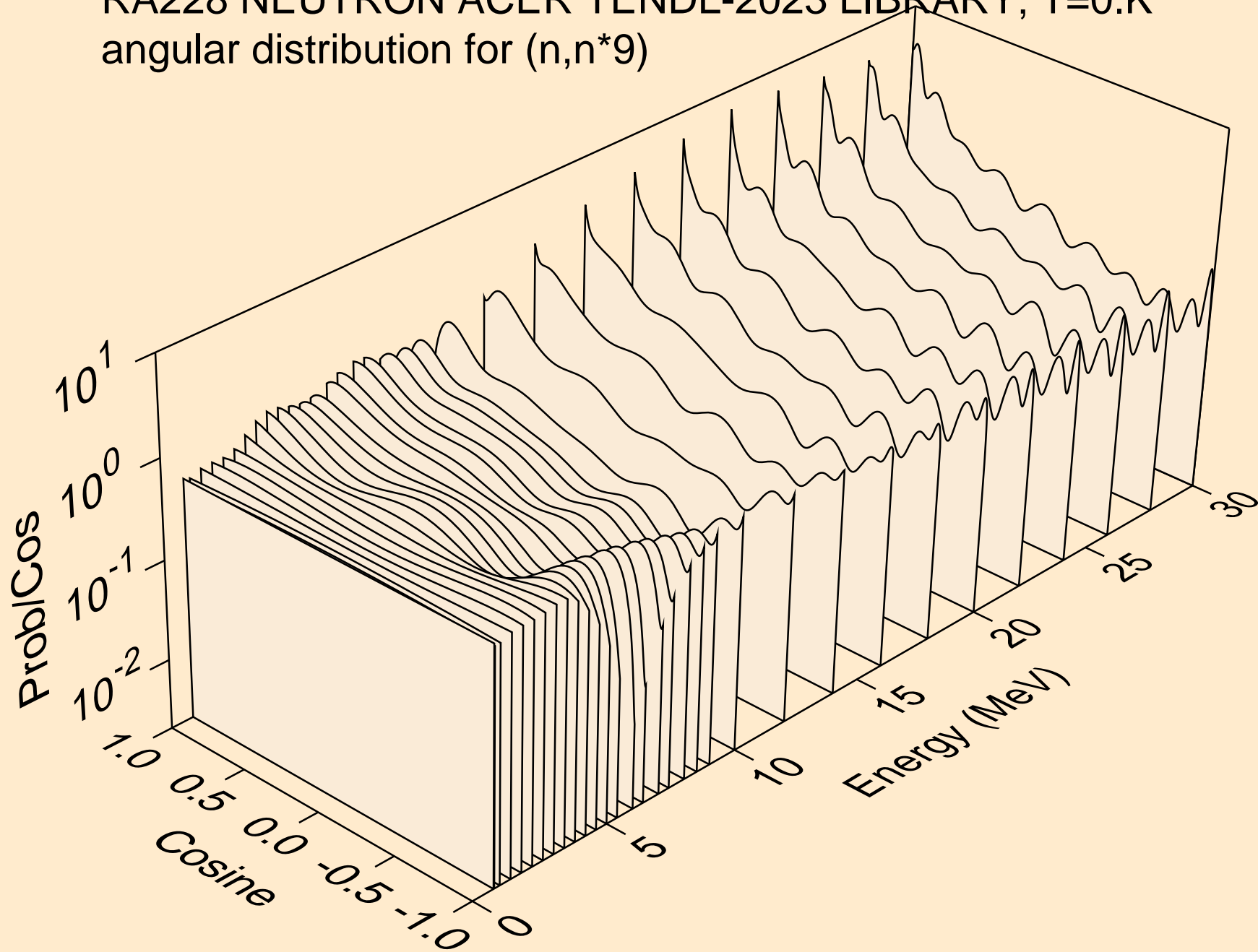
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angular distribution for (n,n\*7)



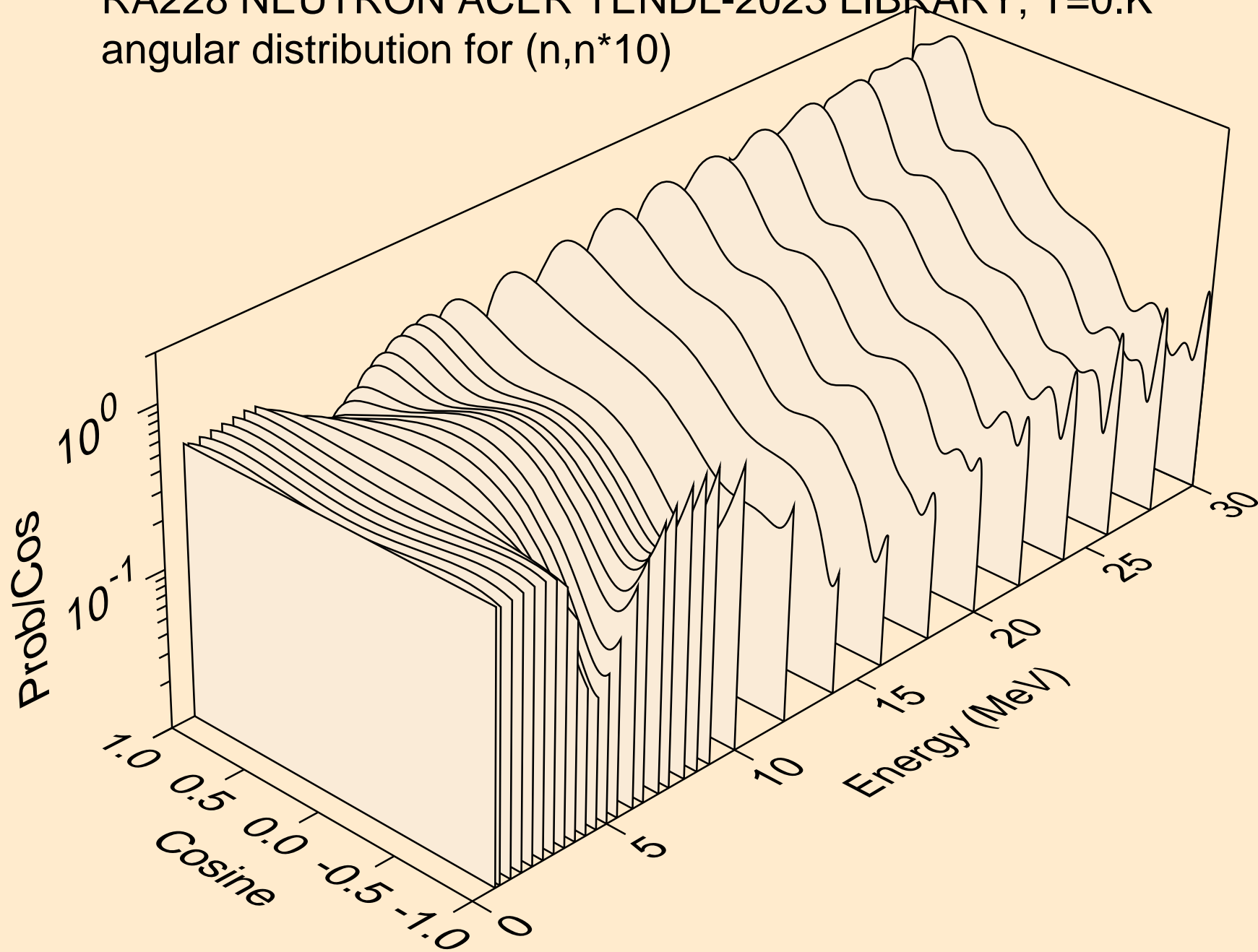
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angular distribution for (n,n\*8)



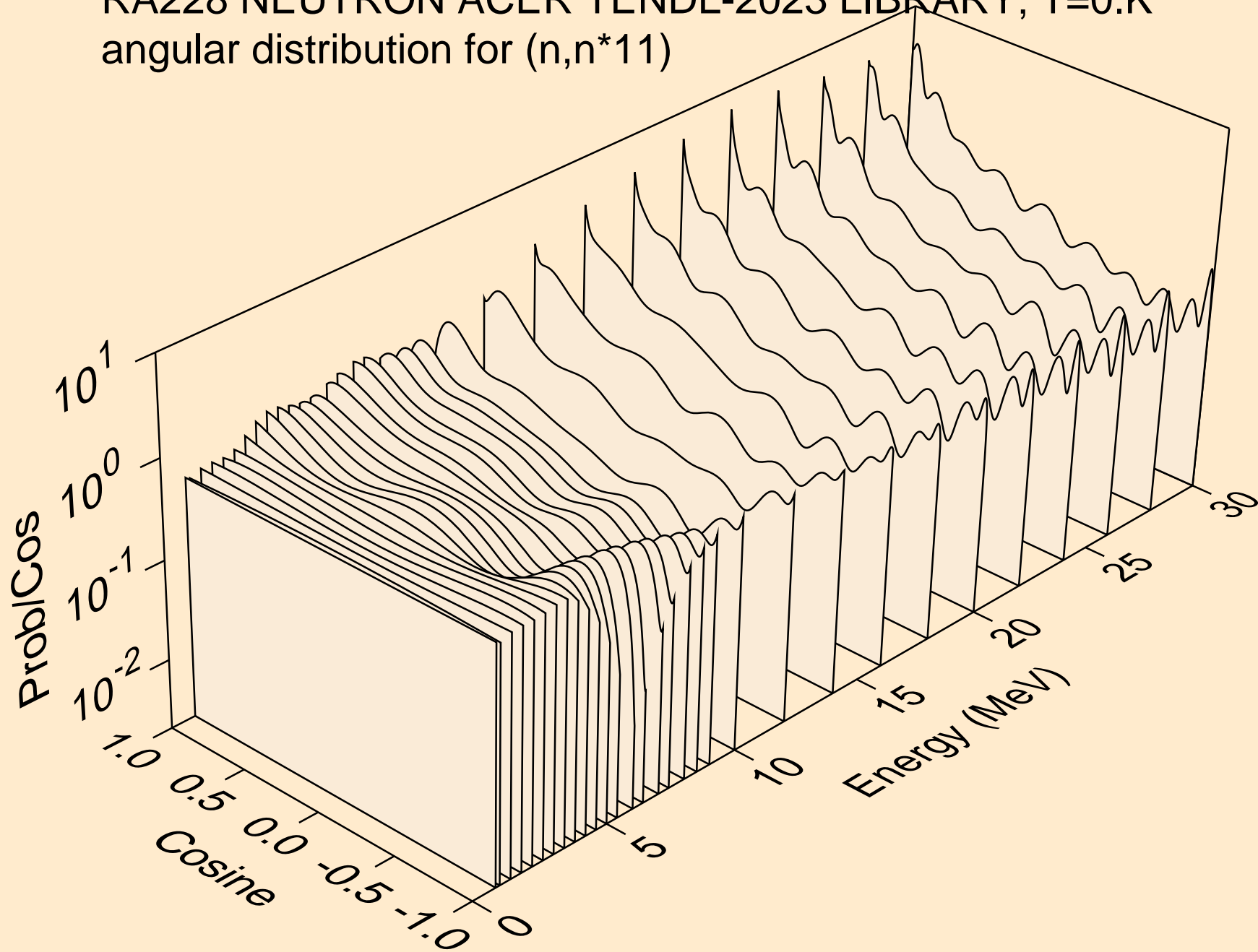
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angular distribution for (n,n\*9)



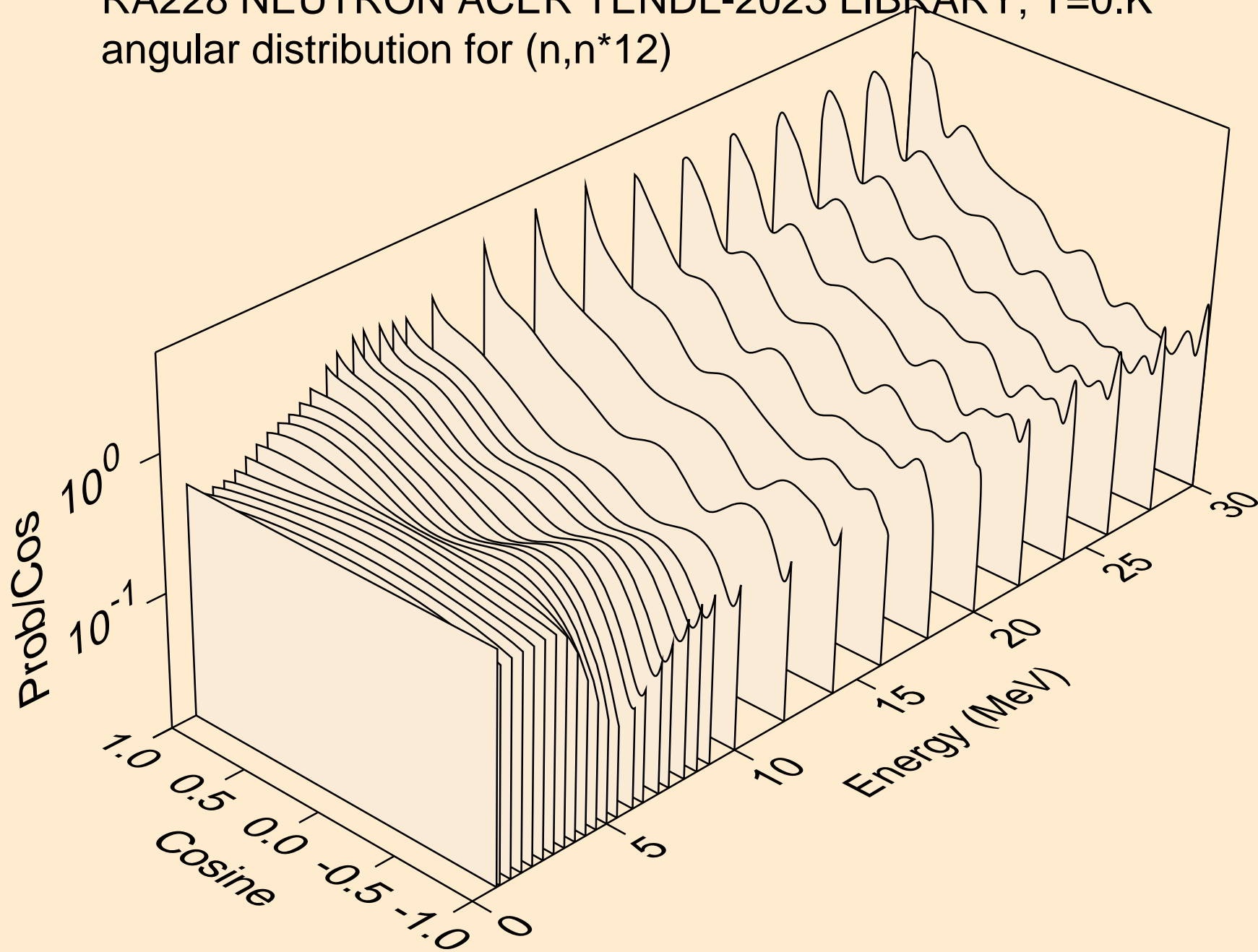
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angular distribution for (n,n\*10)



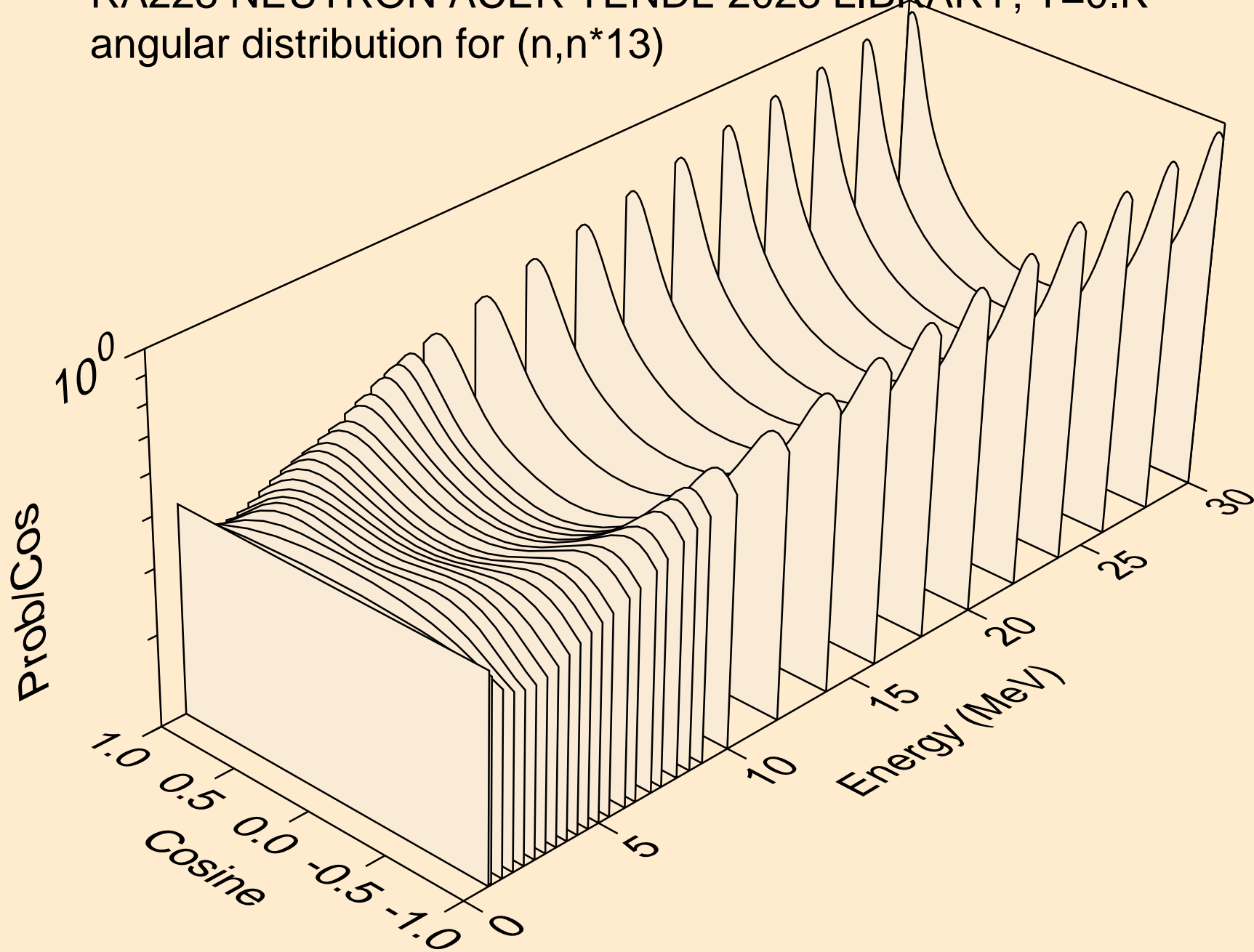
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

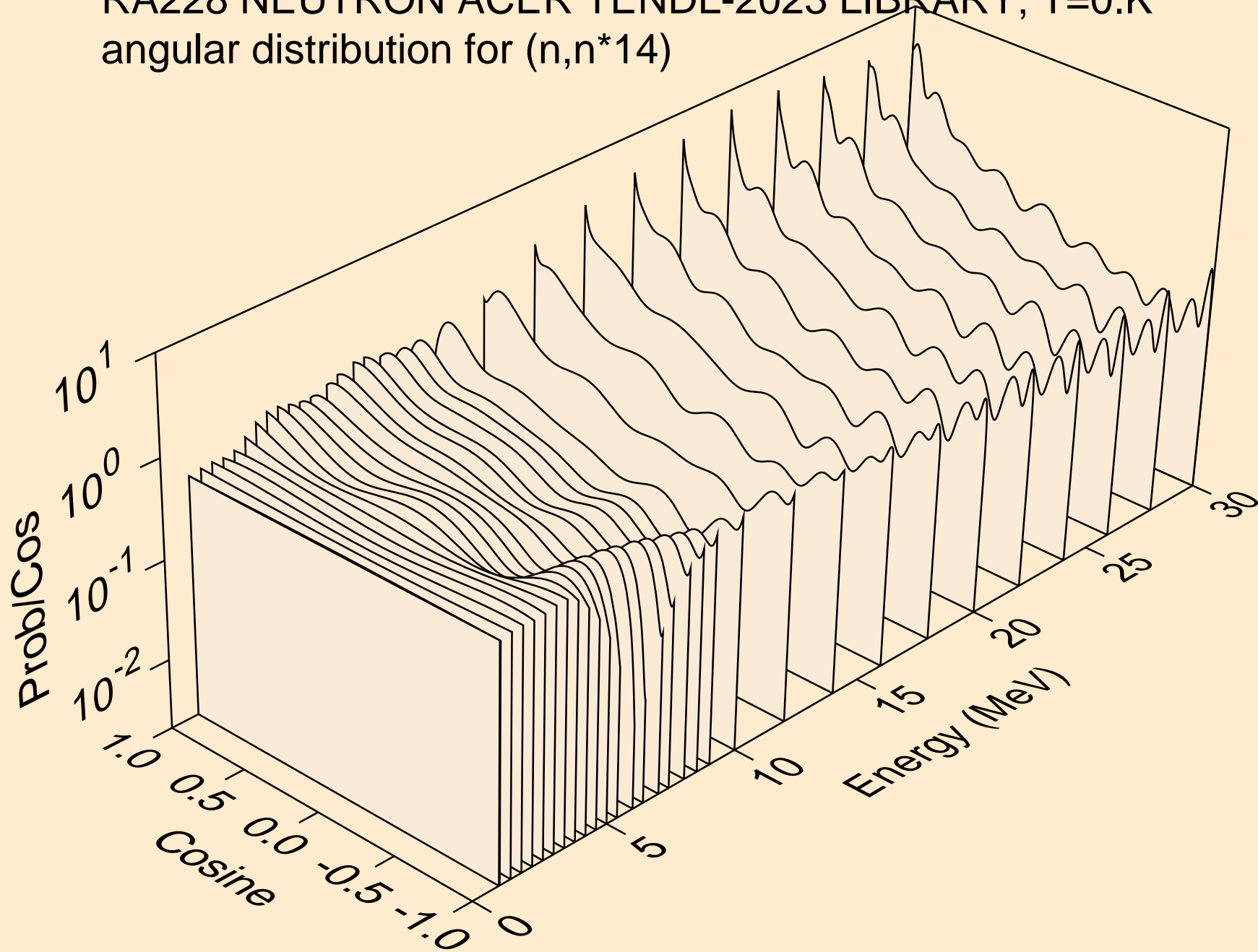


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angular distribution for (n,n\*13)

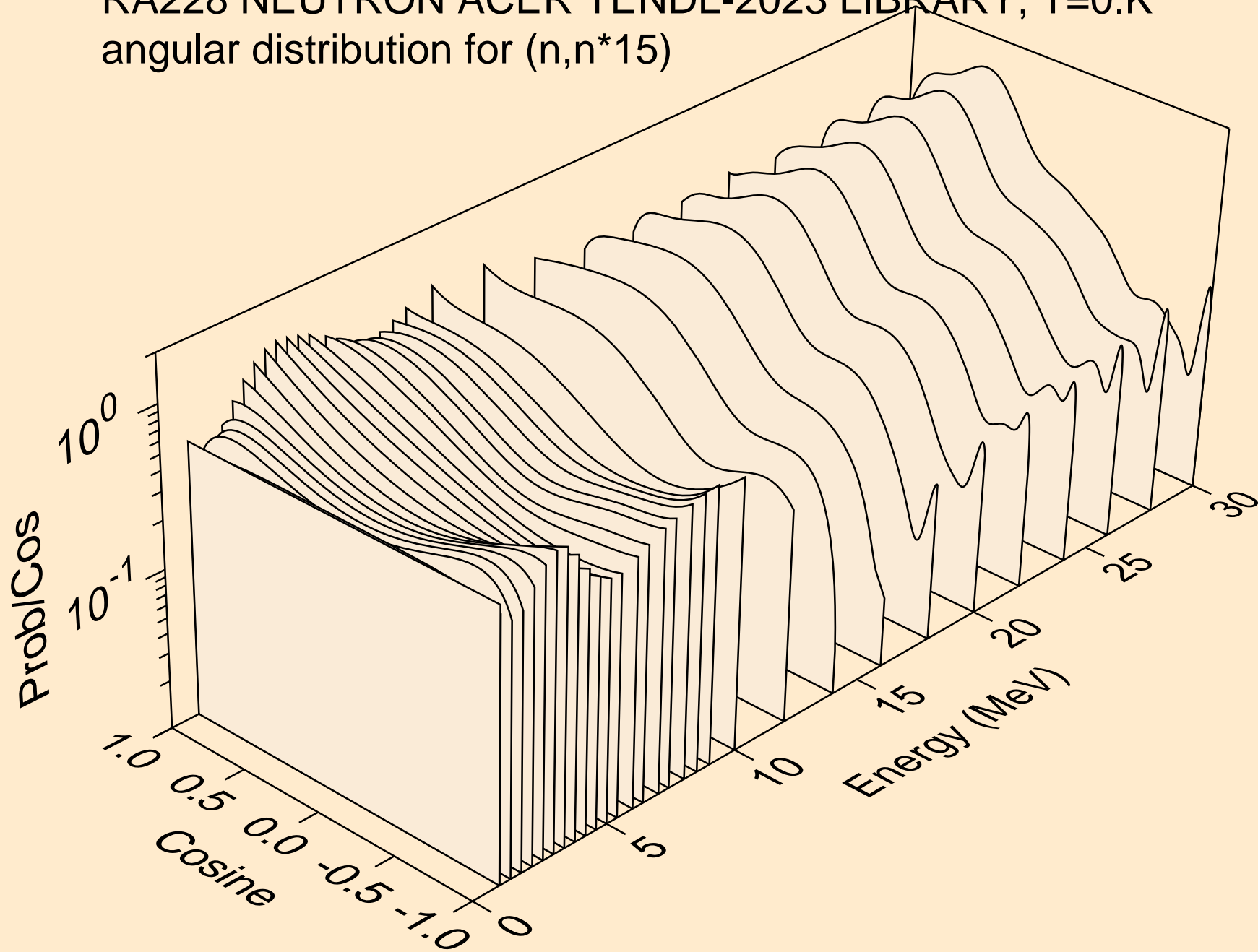




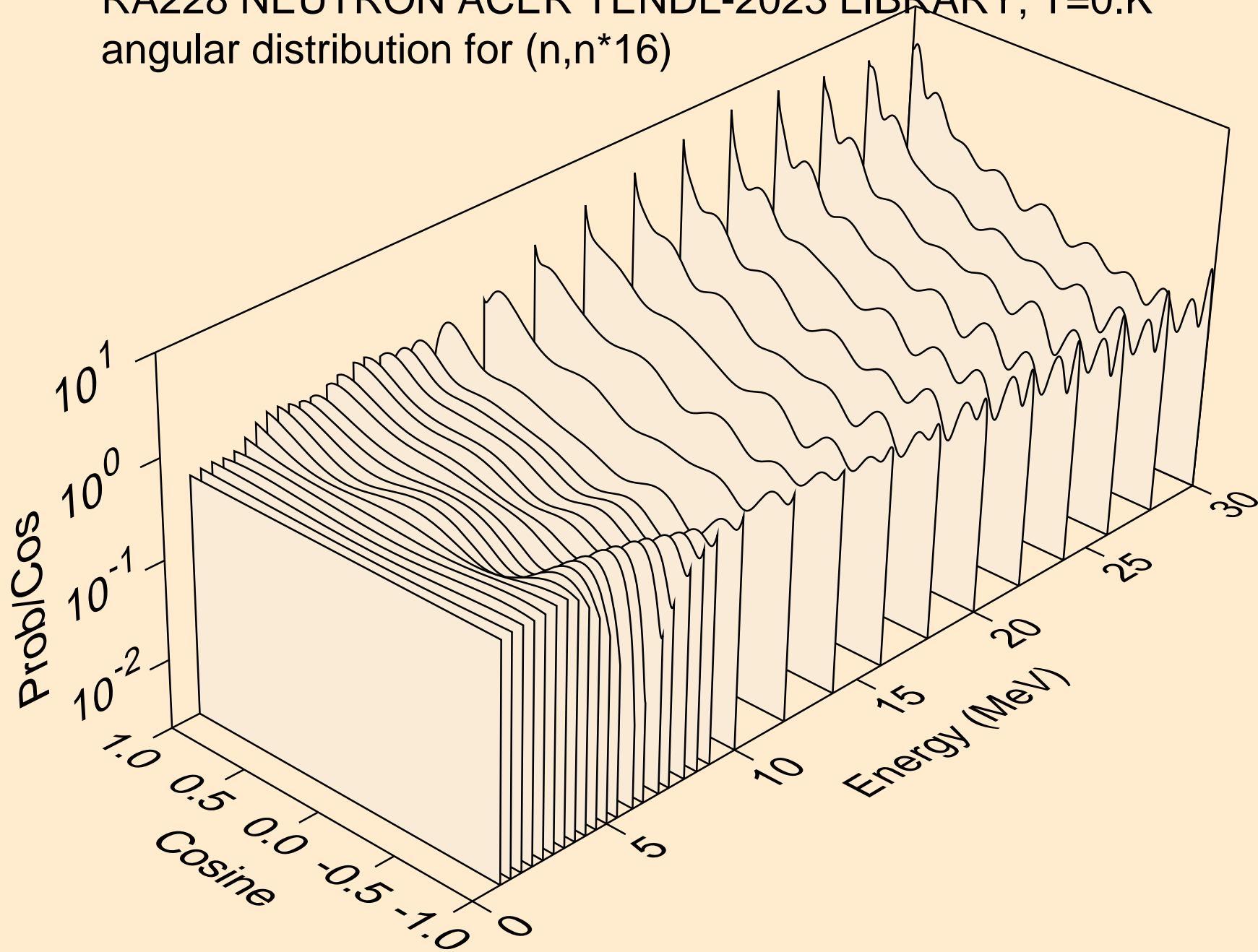
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

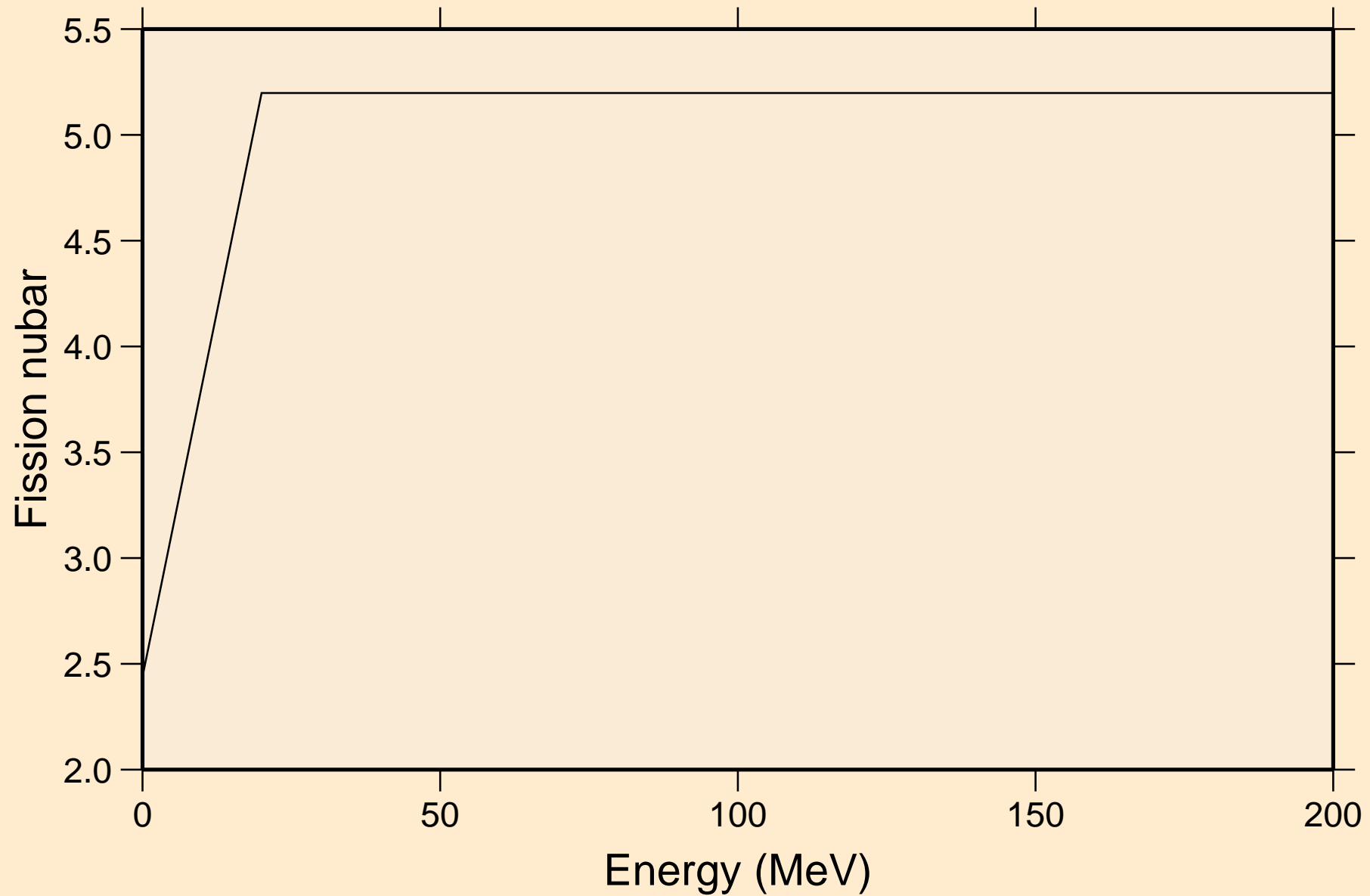


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

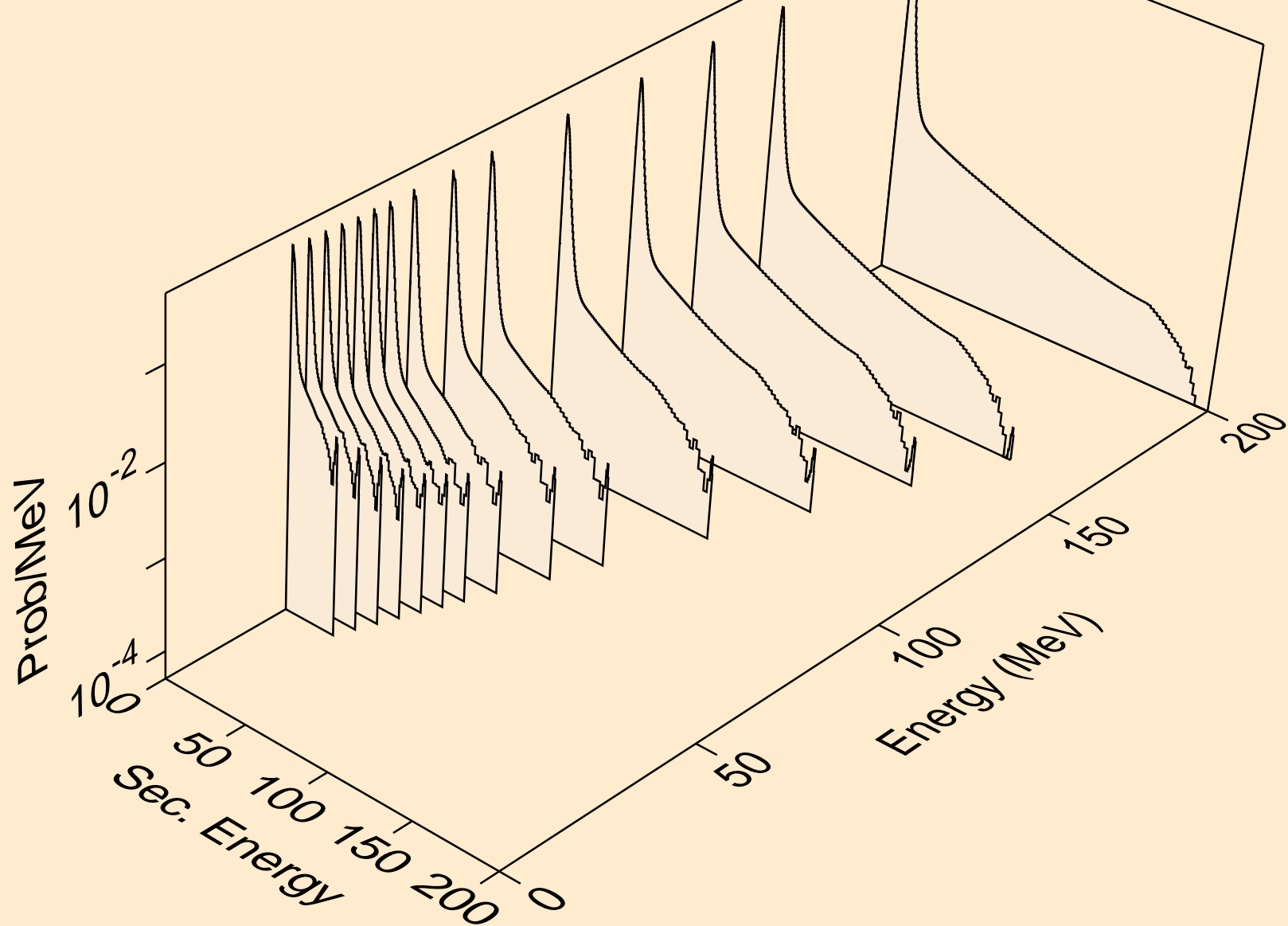


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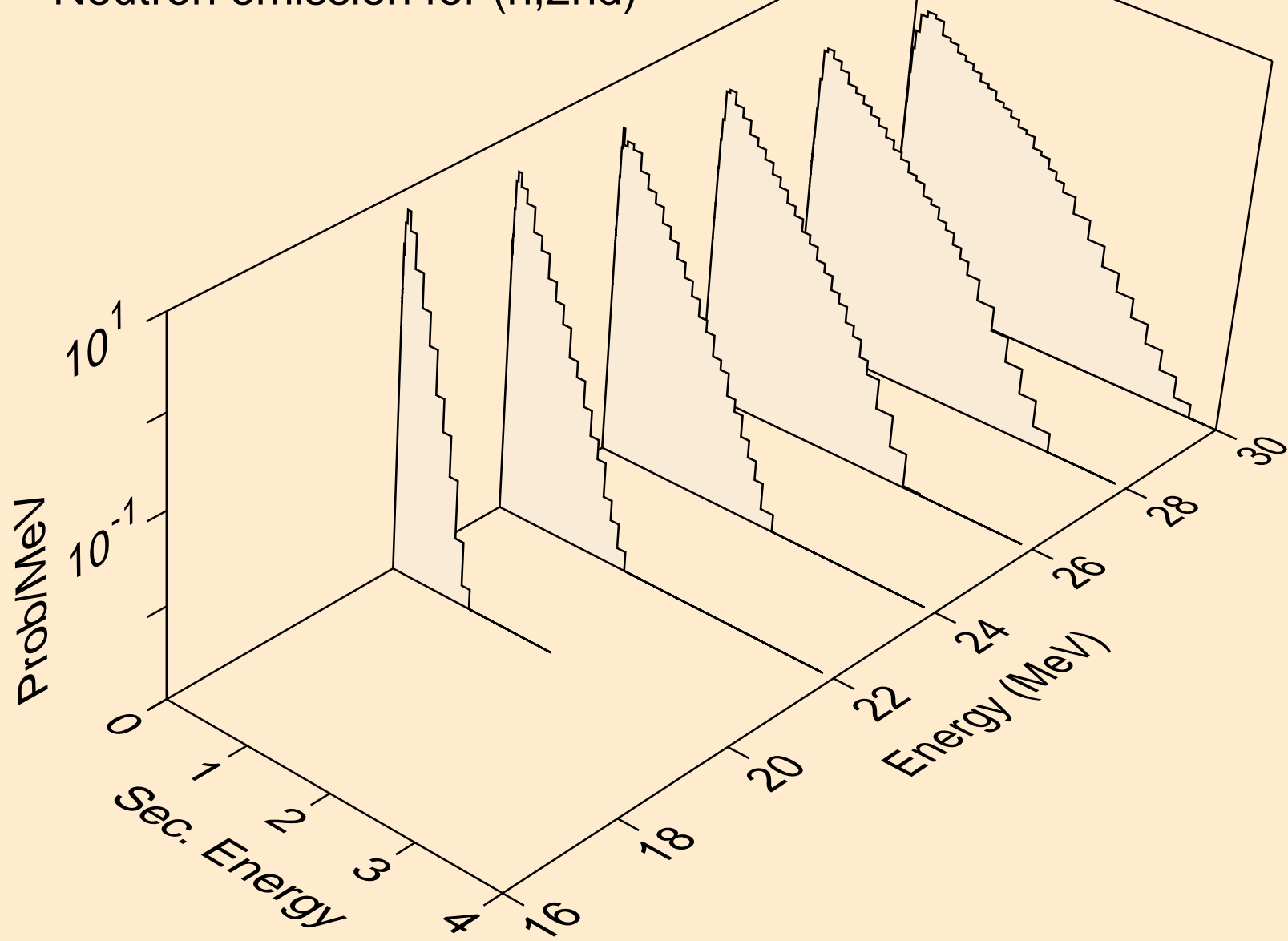
Total fission nubar



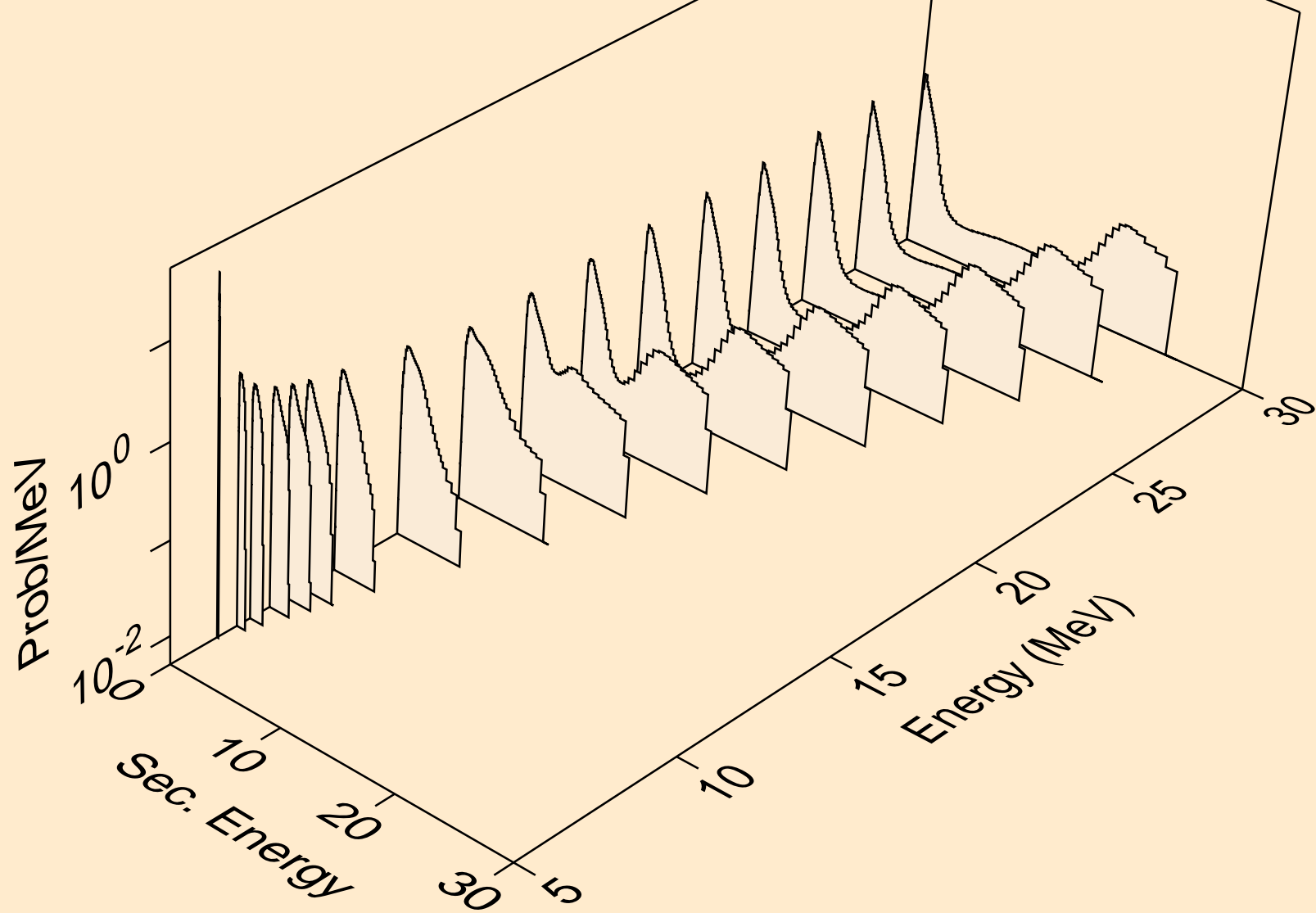
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



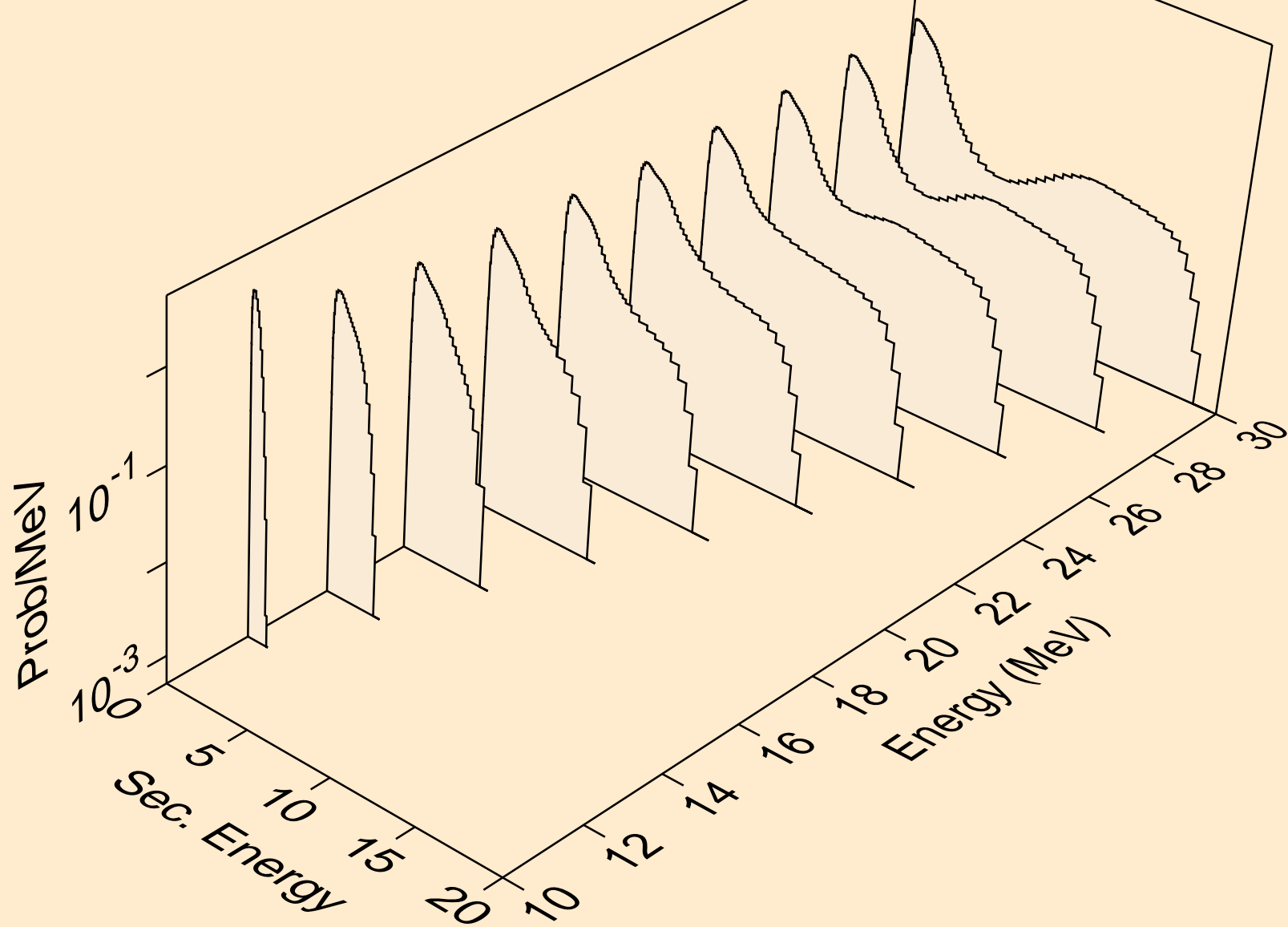
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

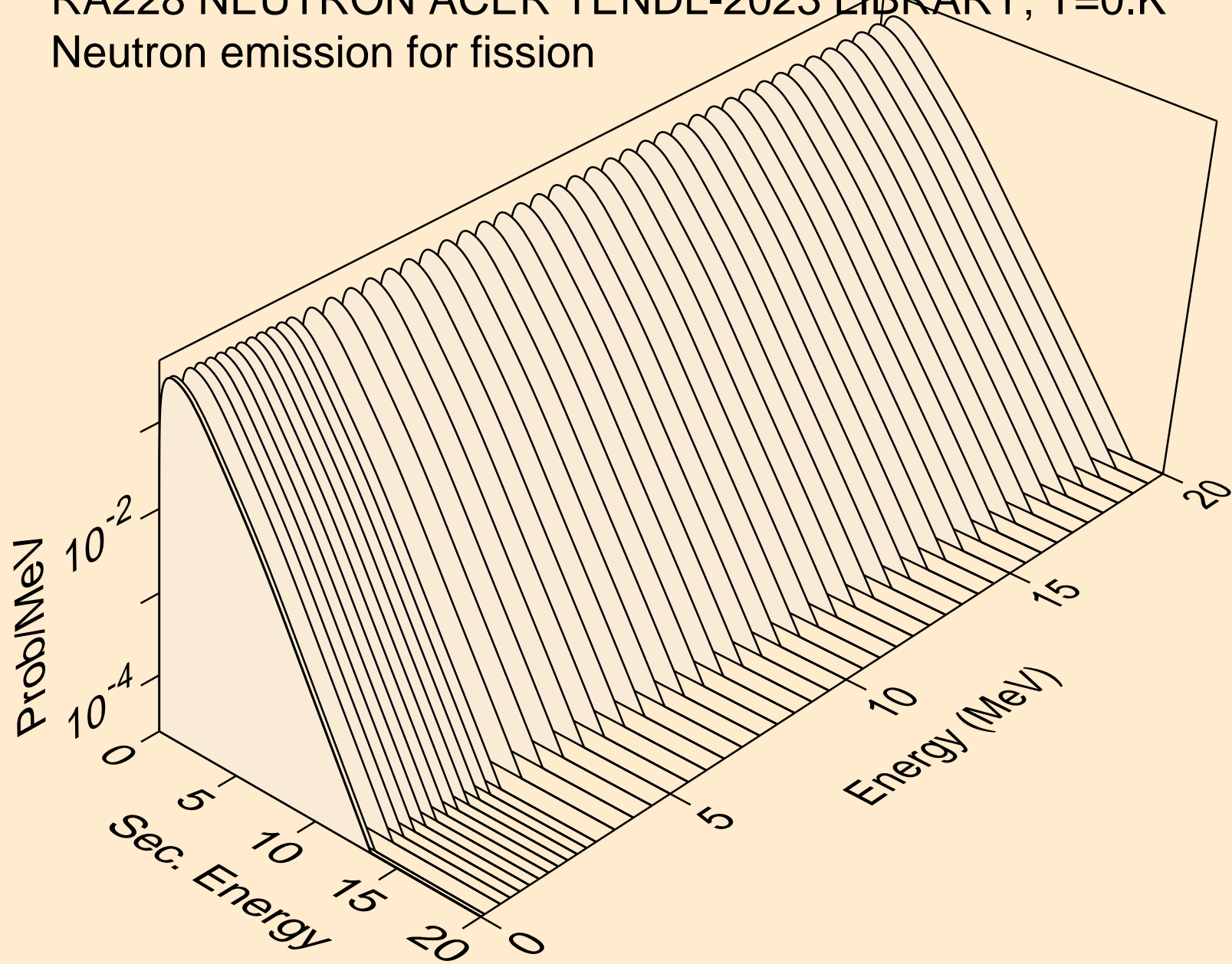


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

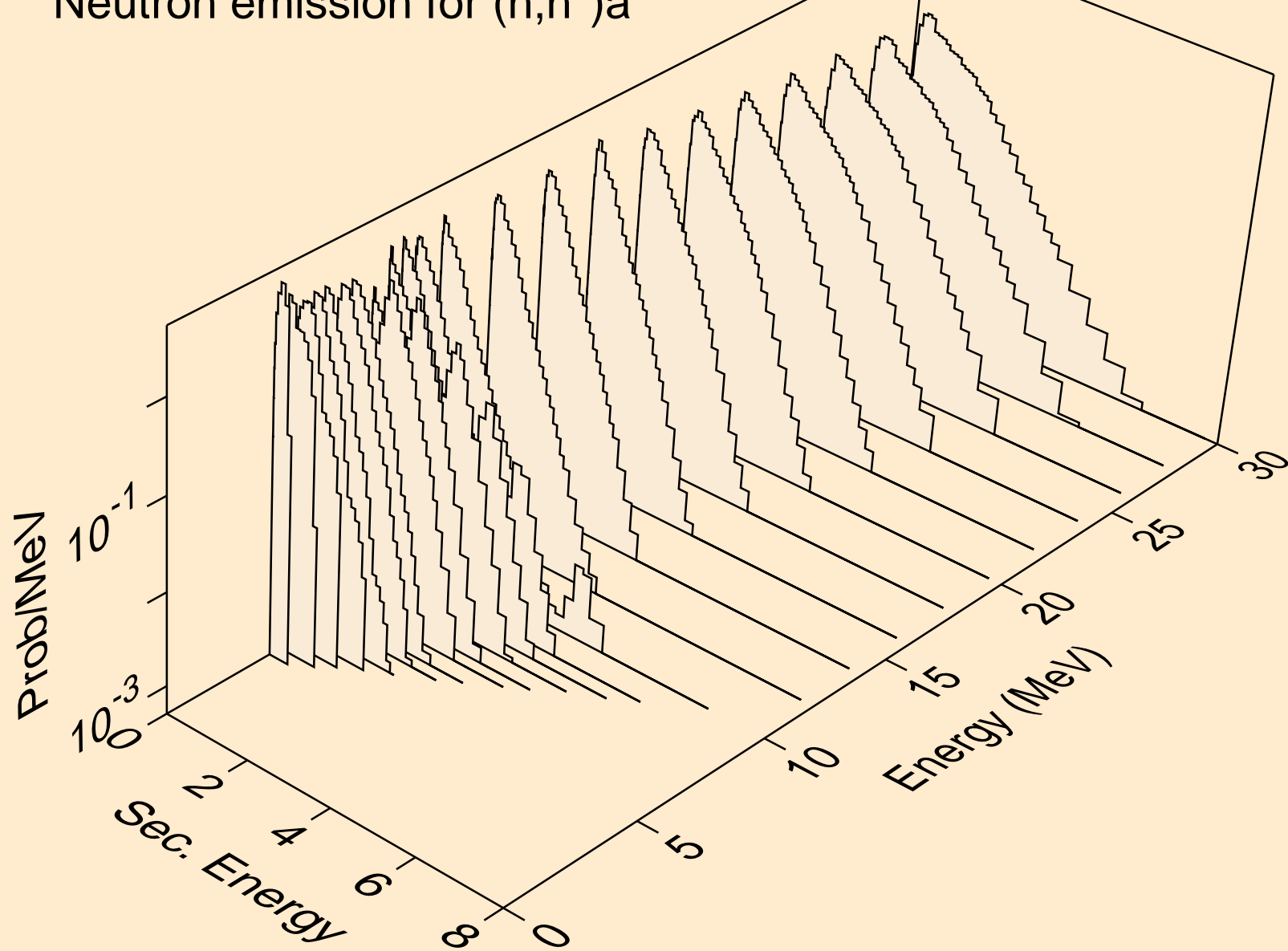




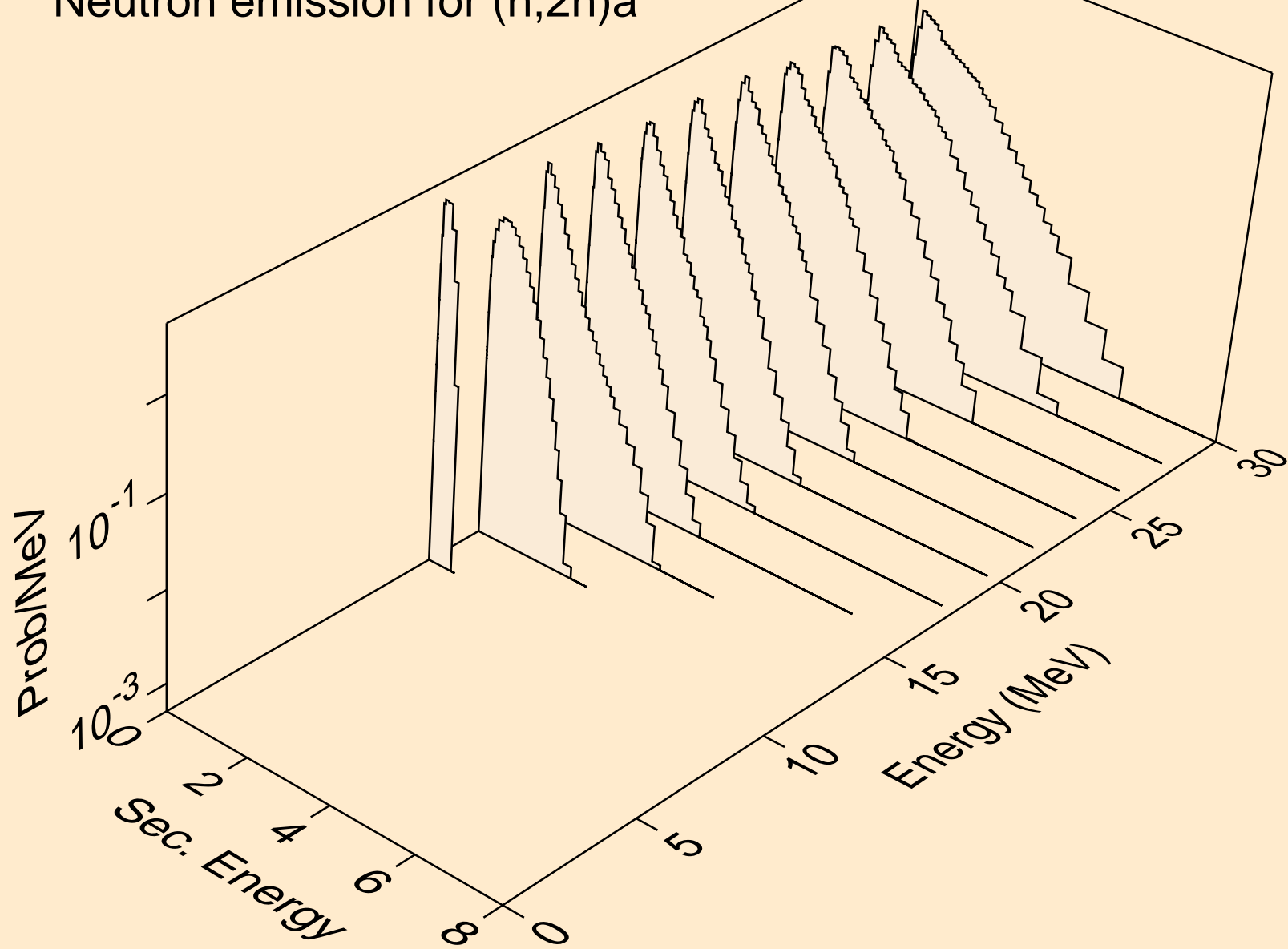
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Neutron emission for fission



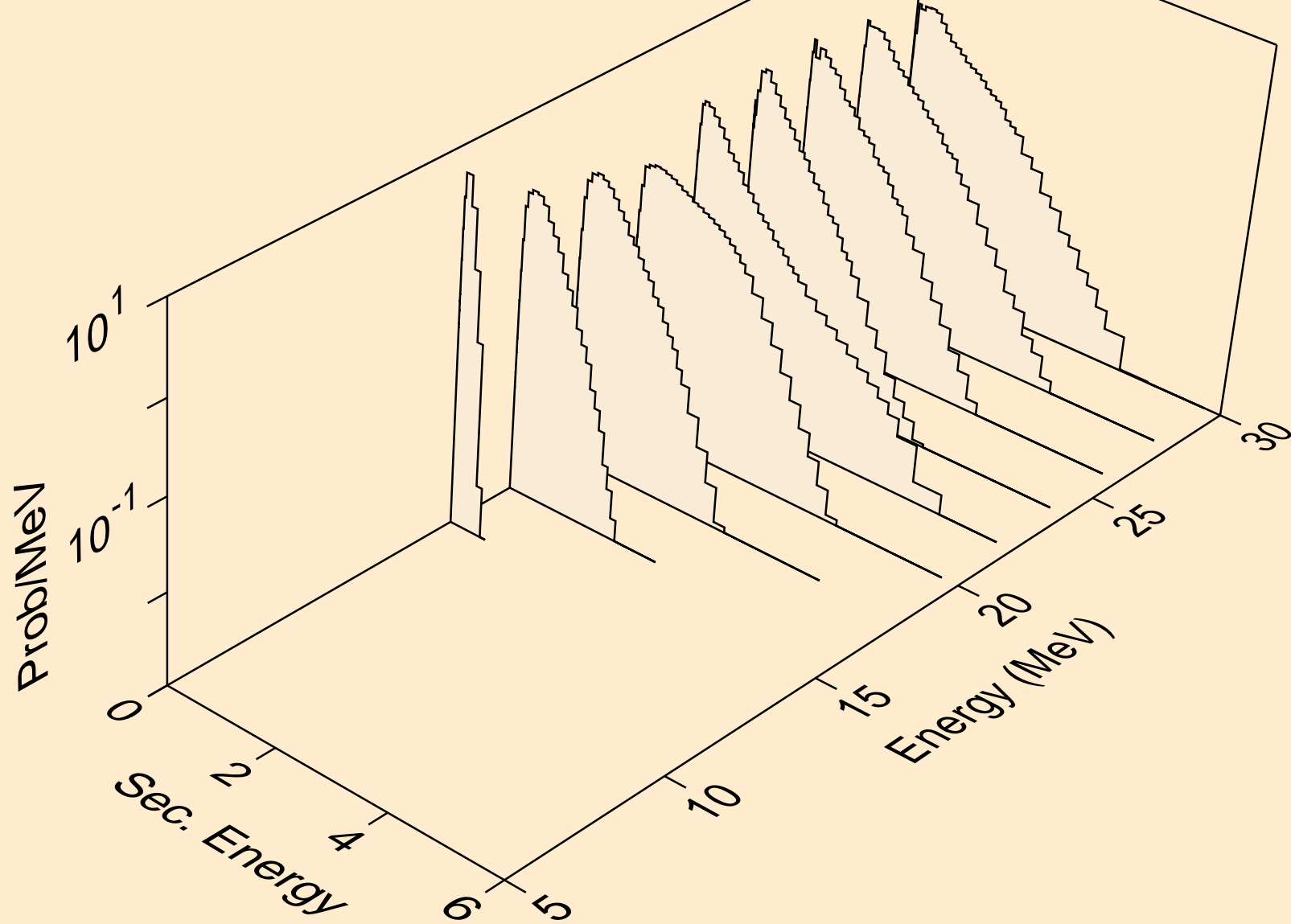
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



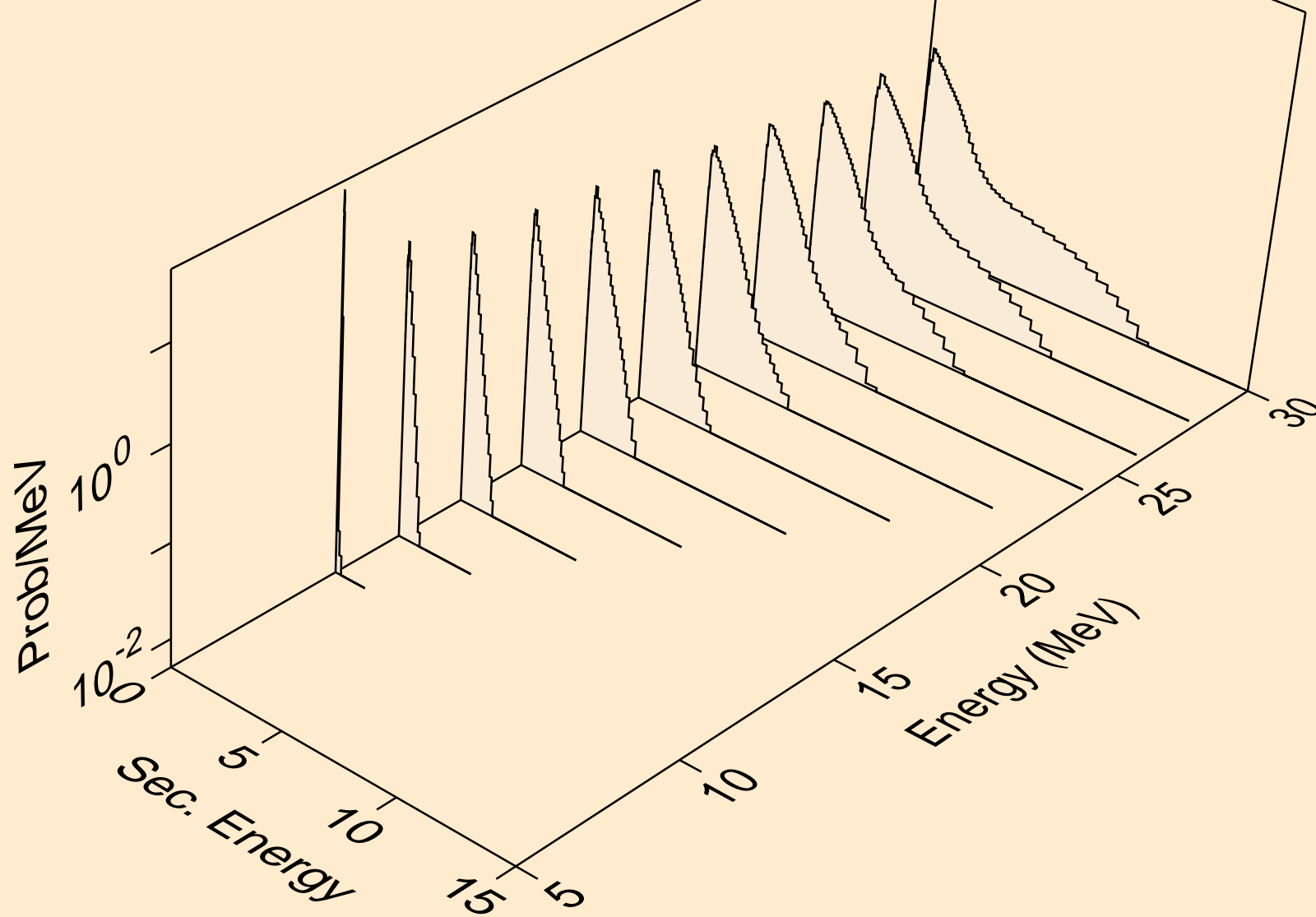
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Neutron emission for (n,2n)a



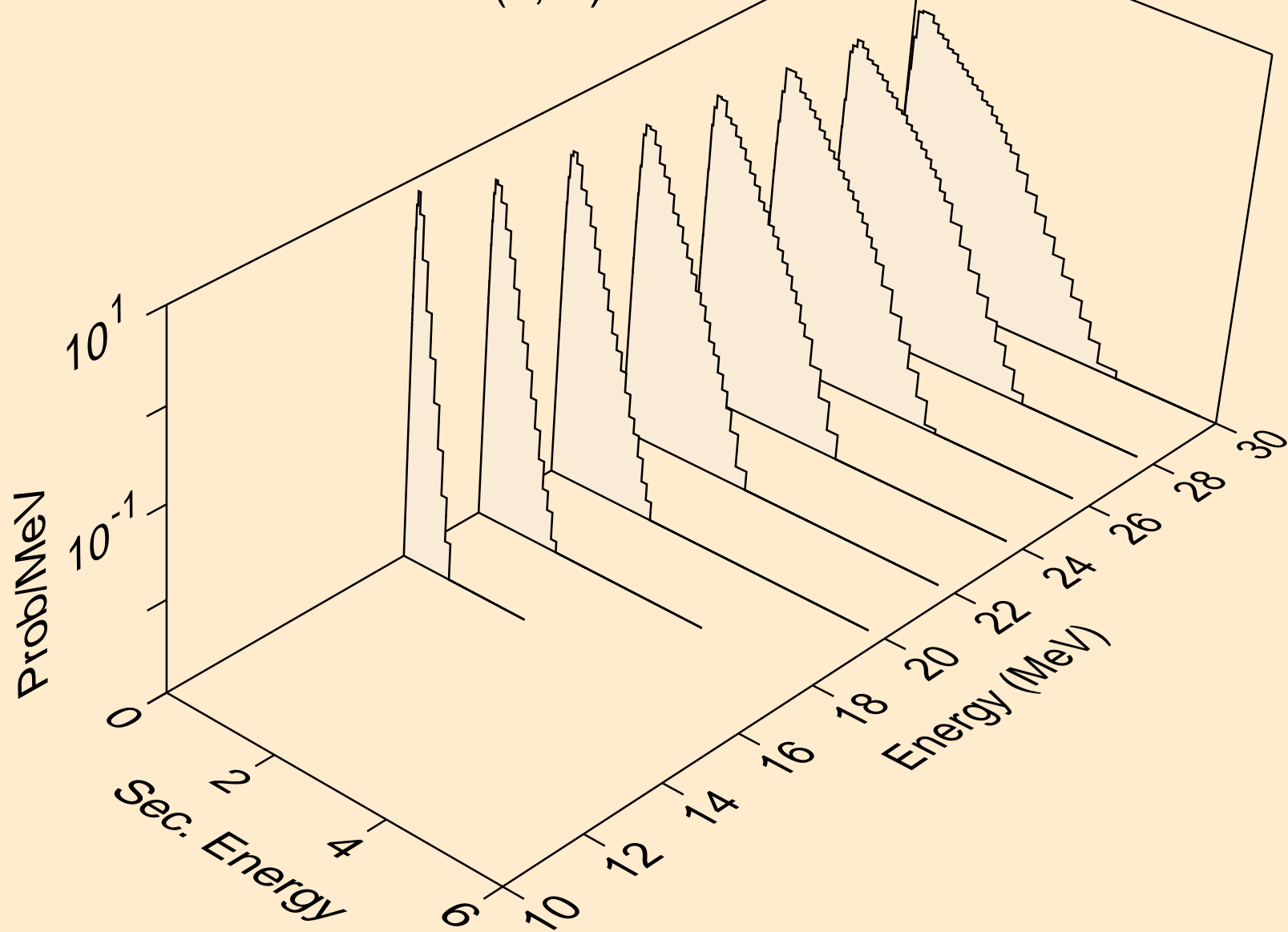
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



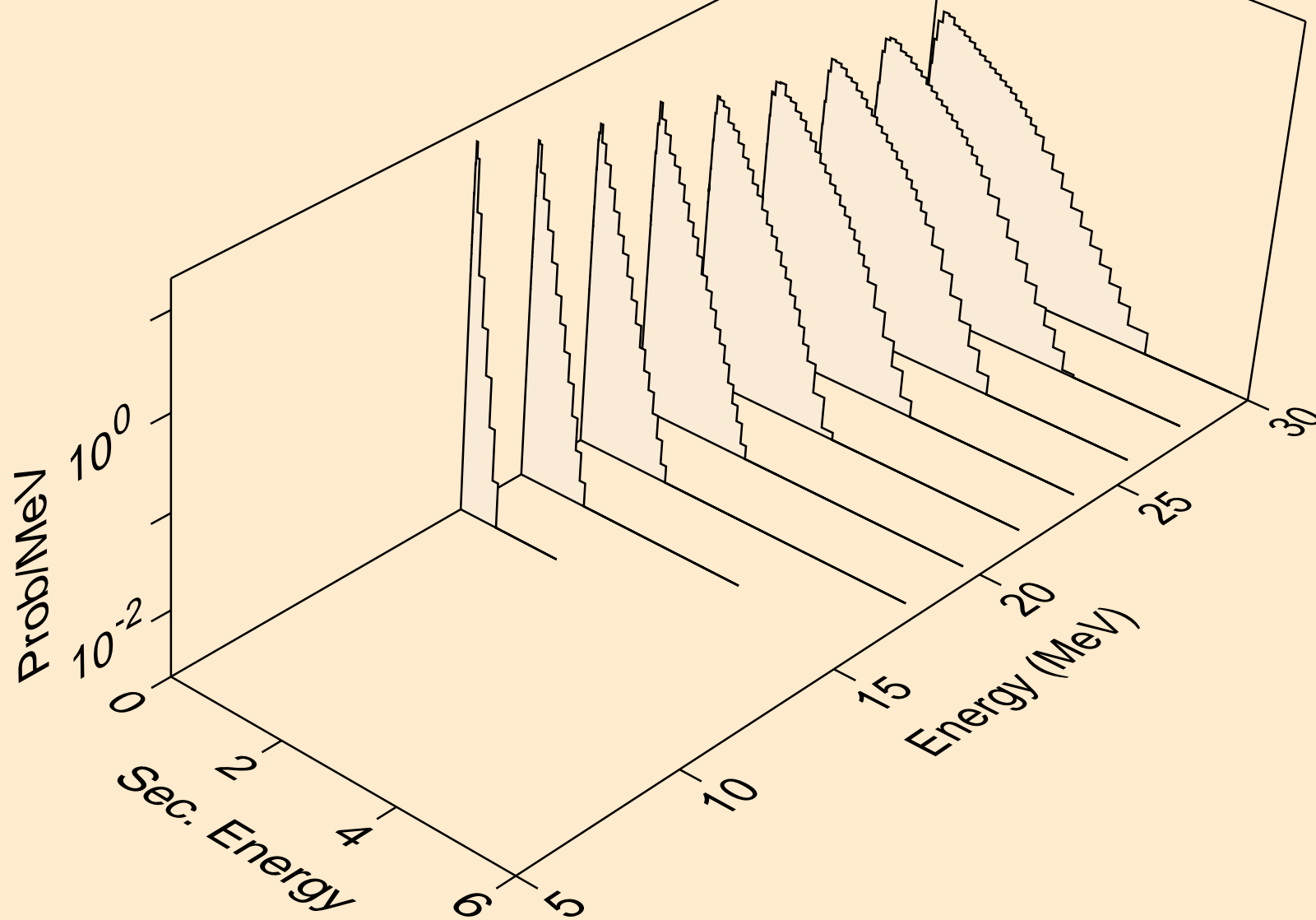
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



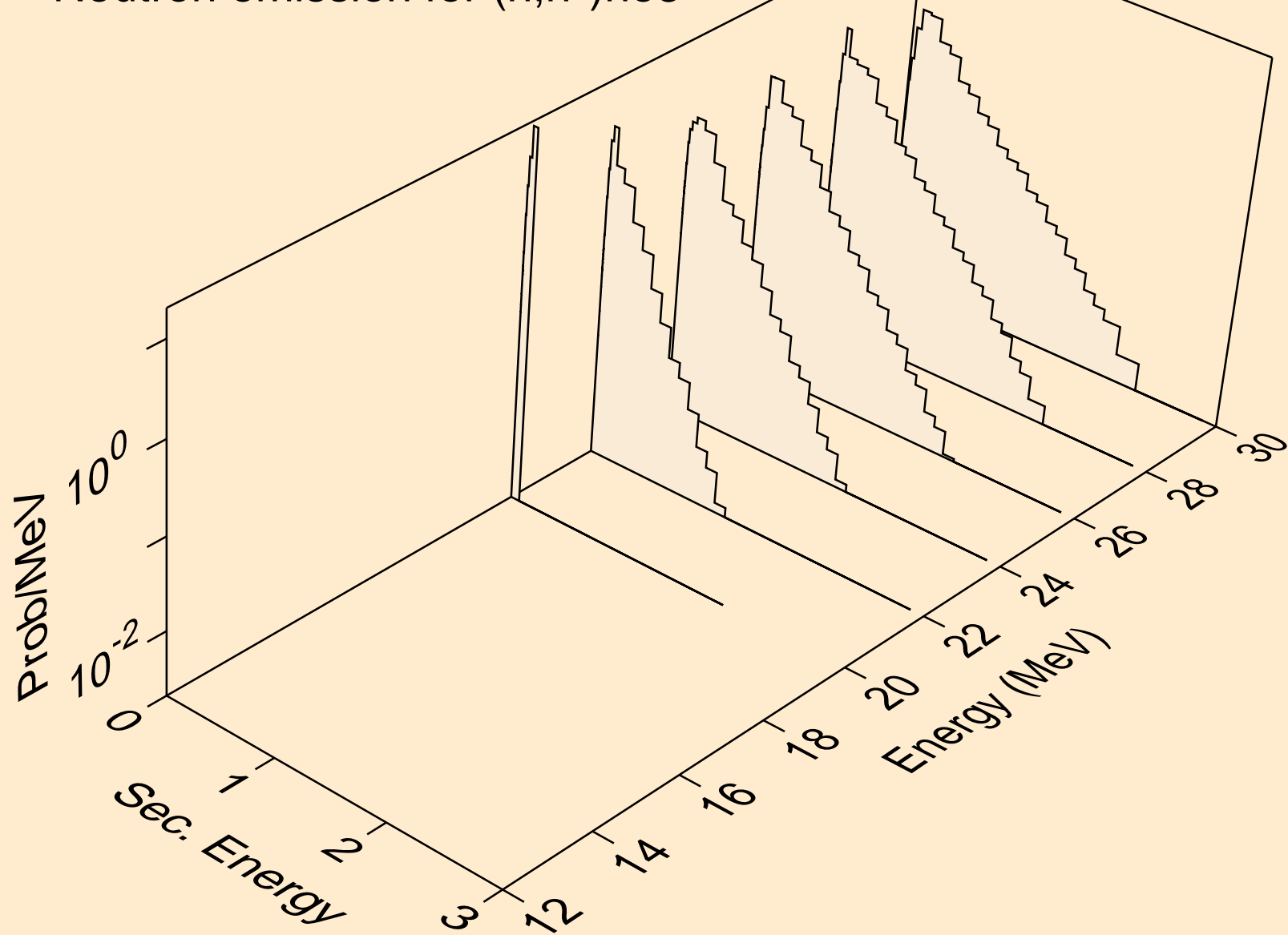
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

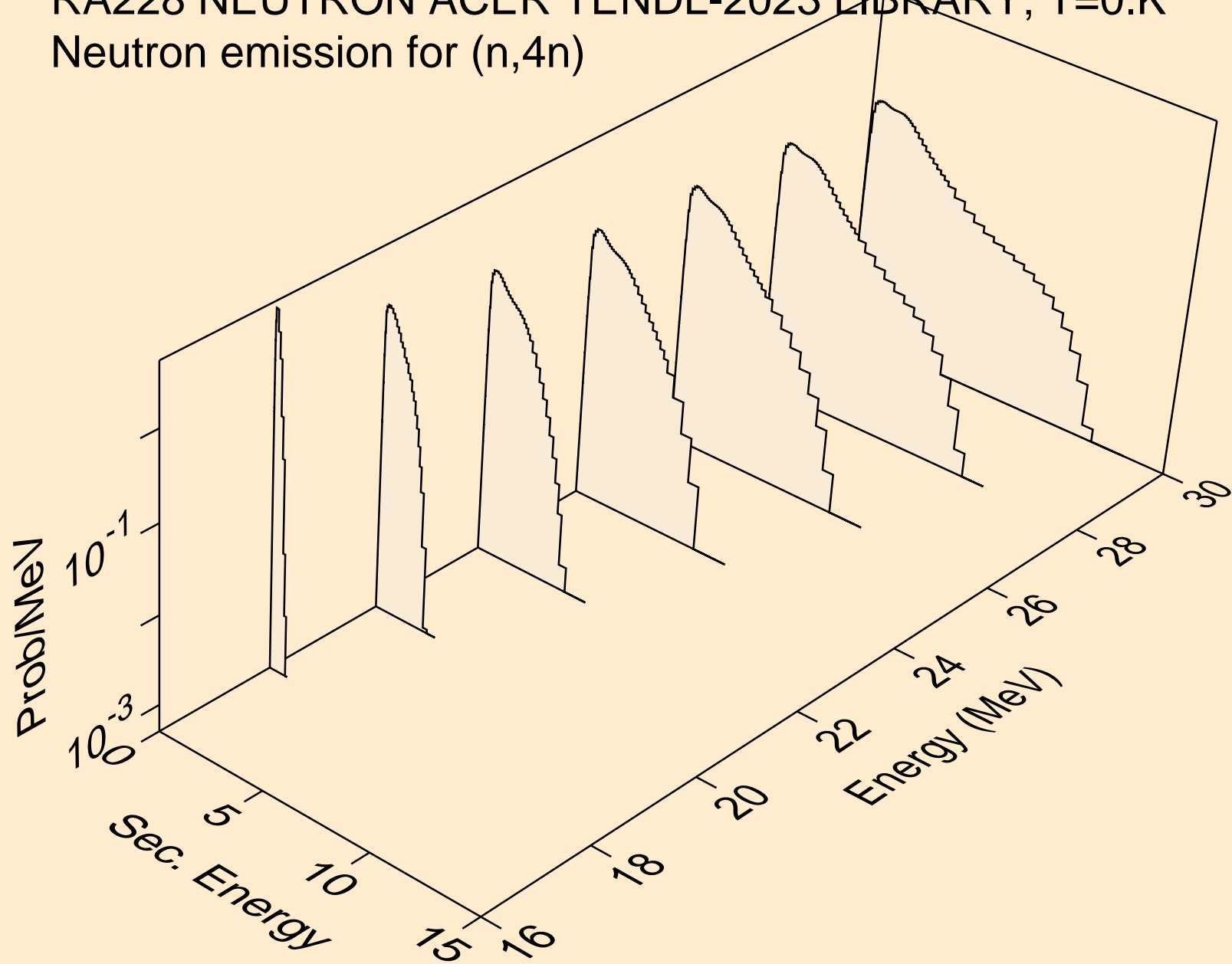


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

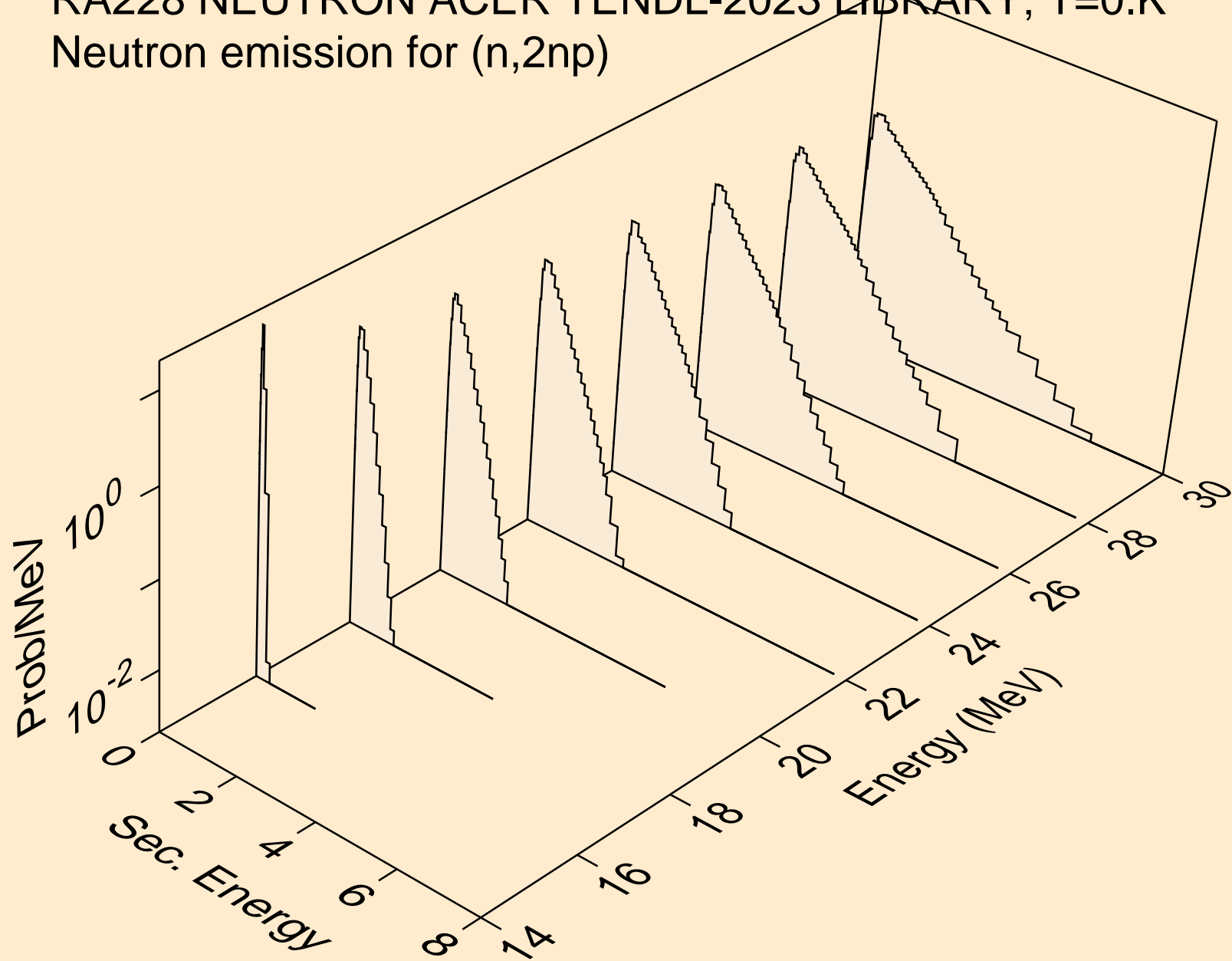




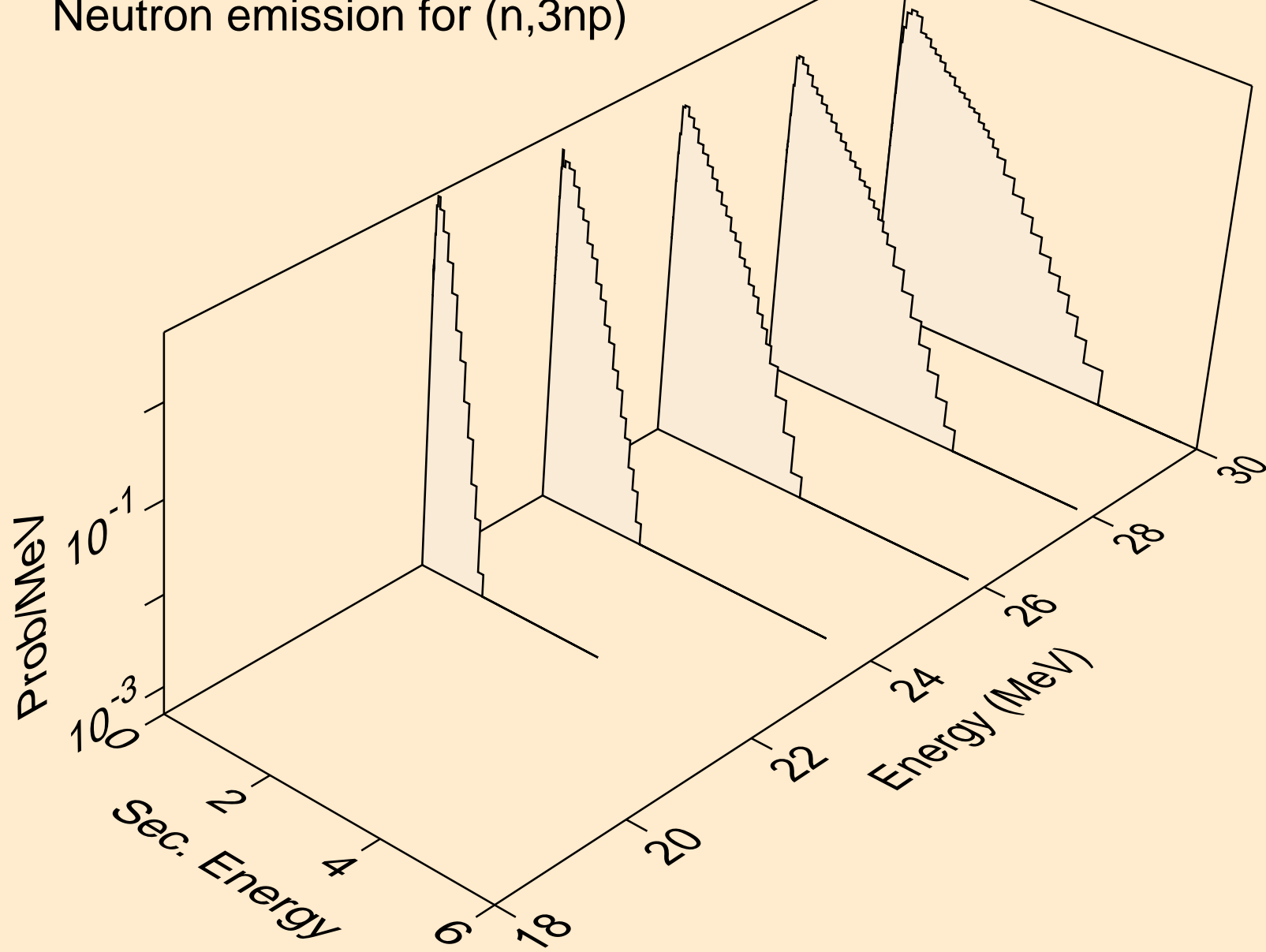
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



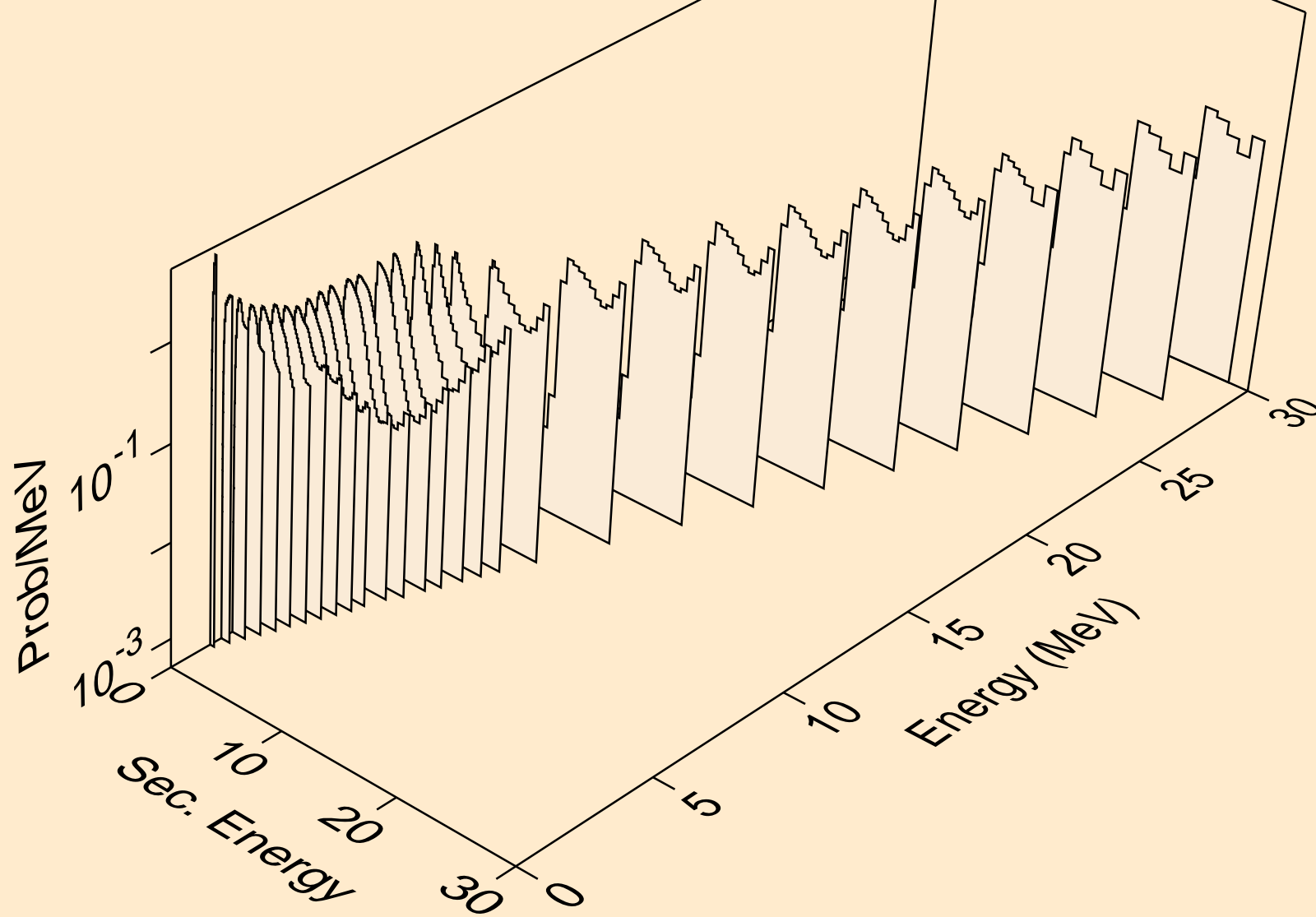
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

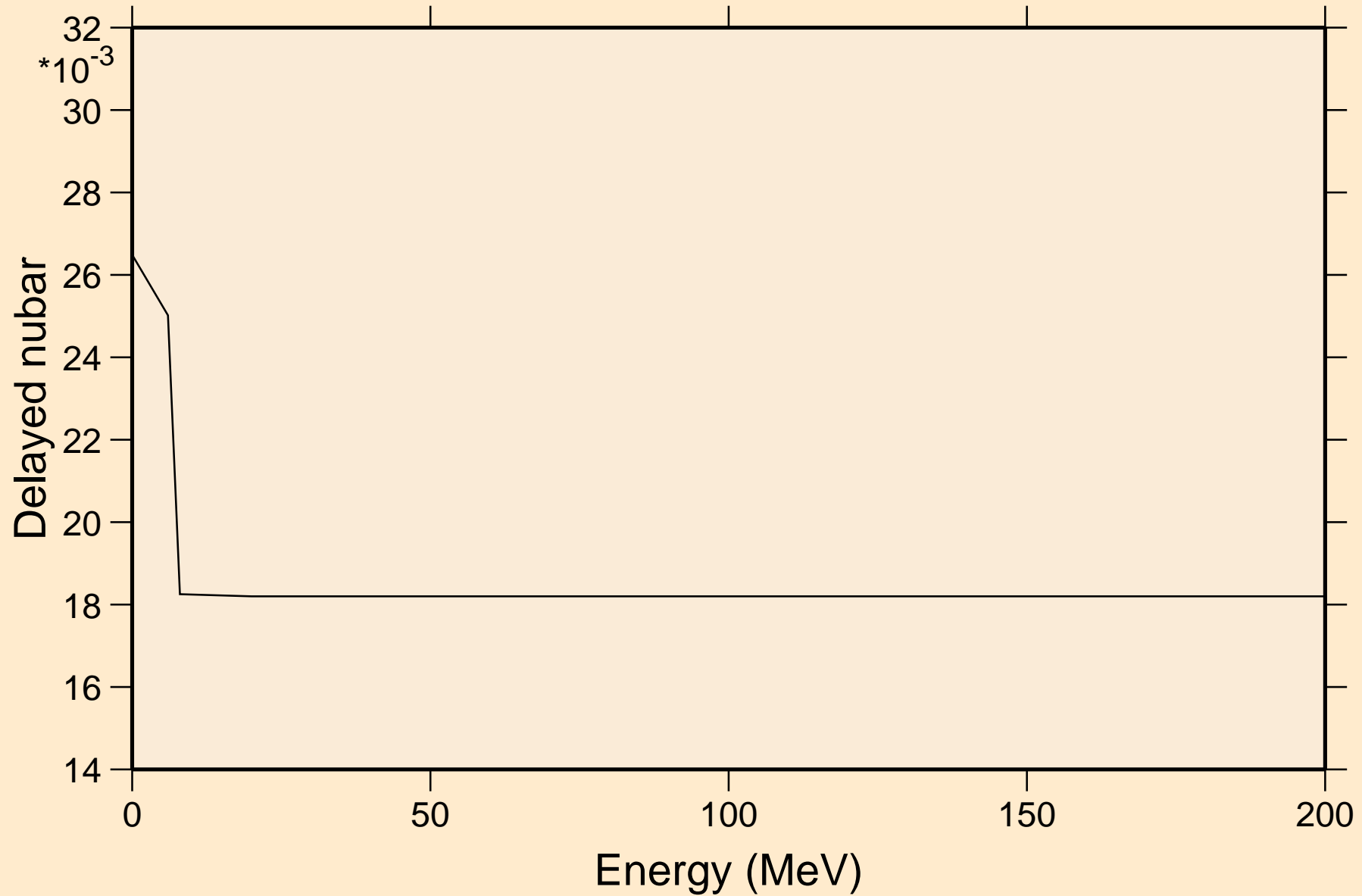


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



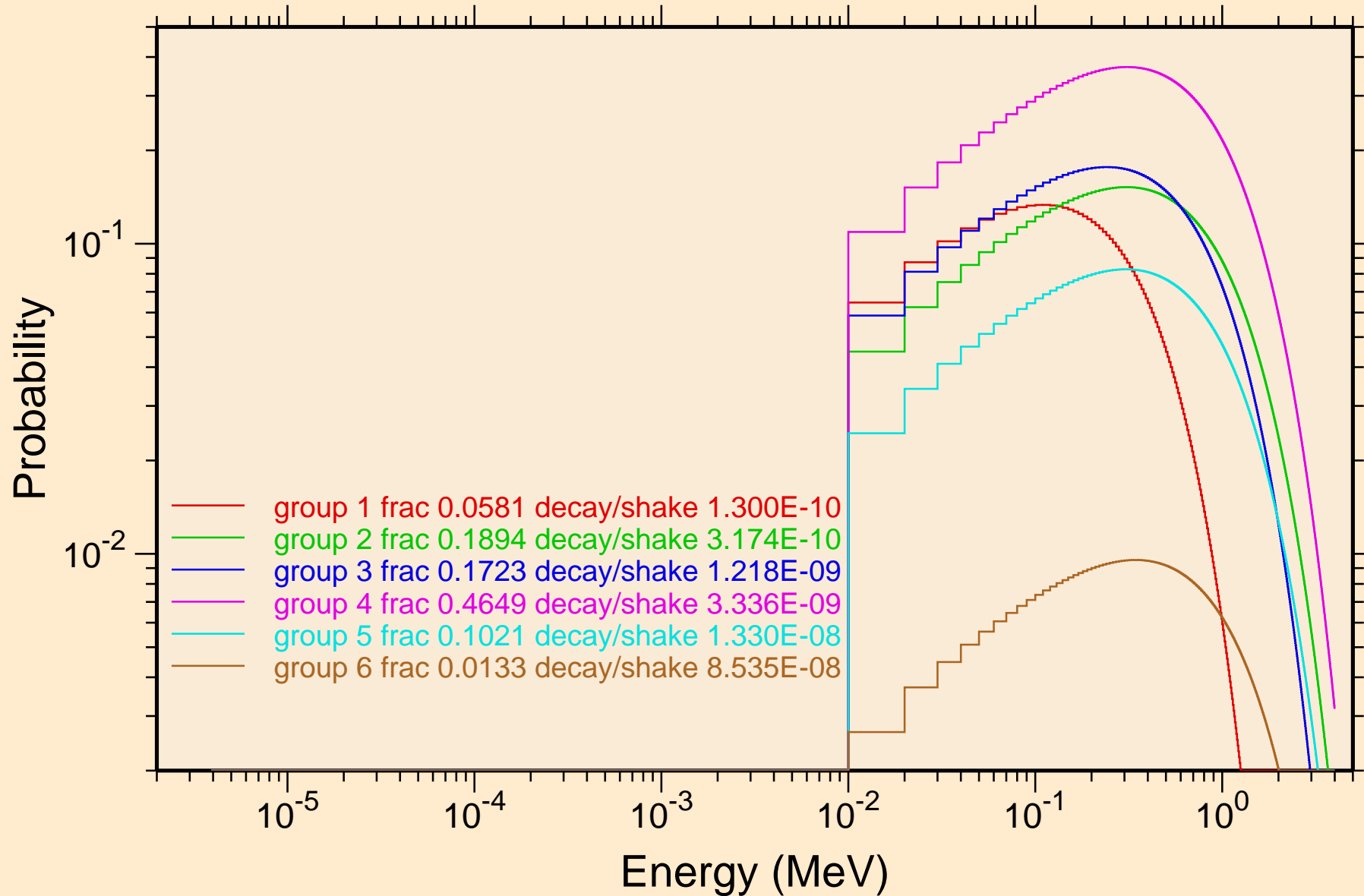
# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar

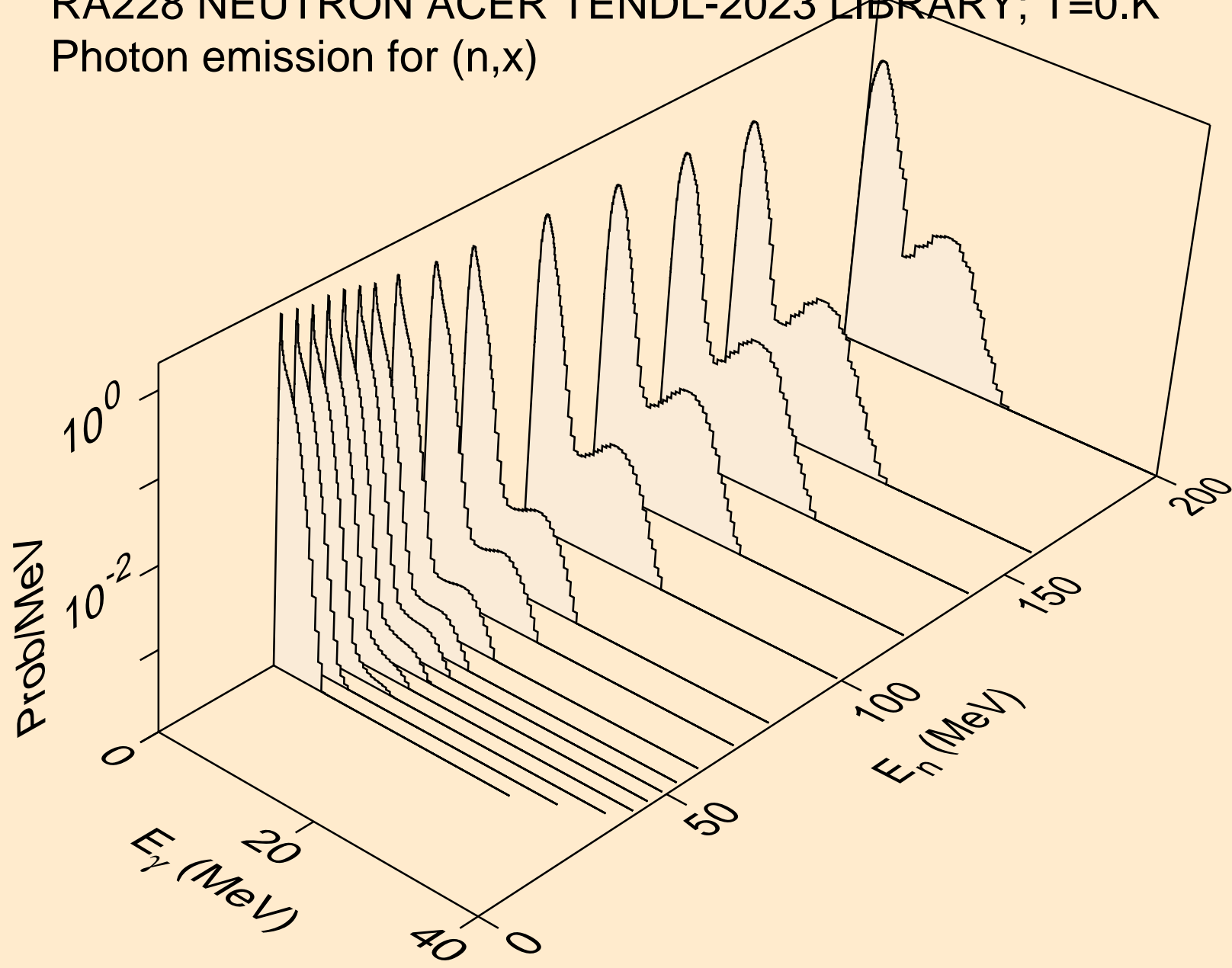


# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

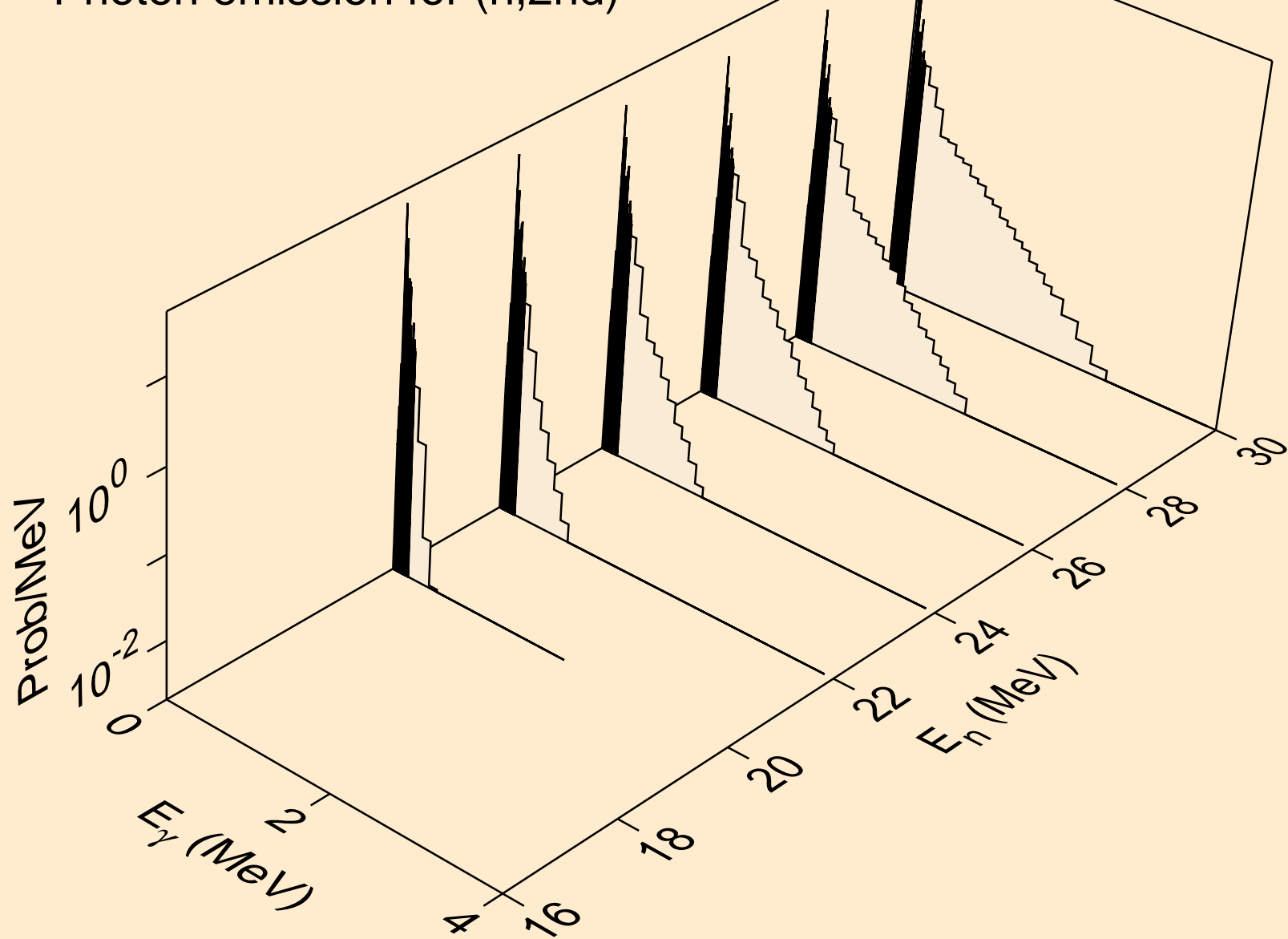
## Delayed neutron spectra



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

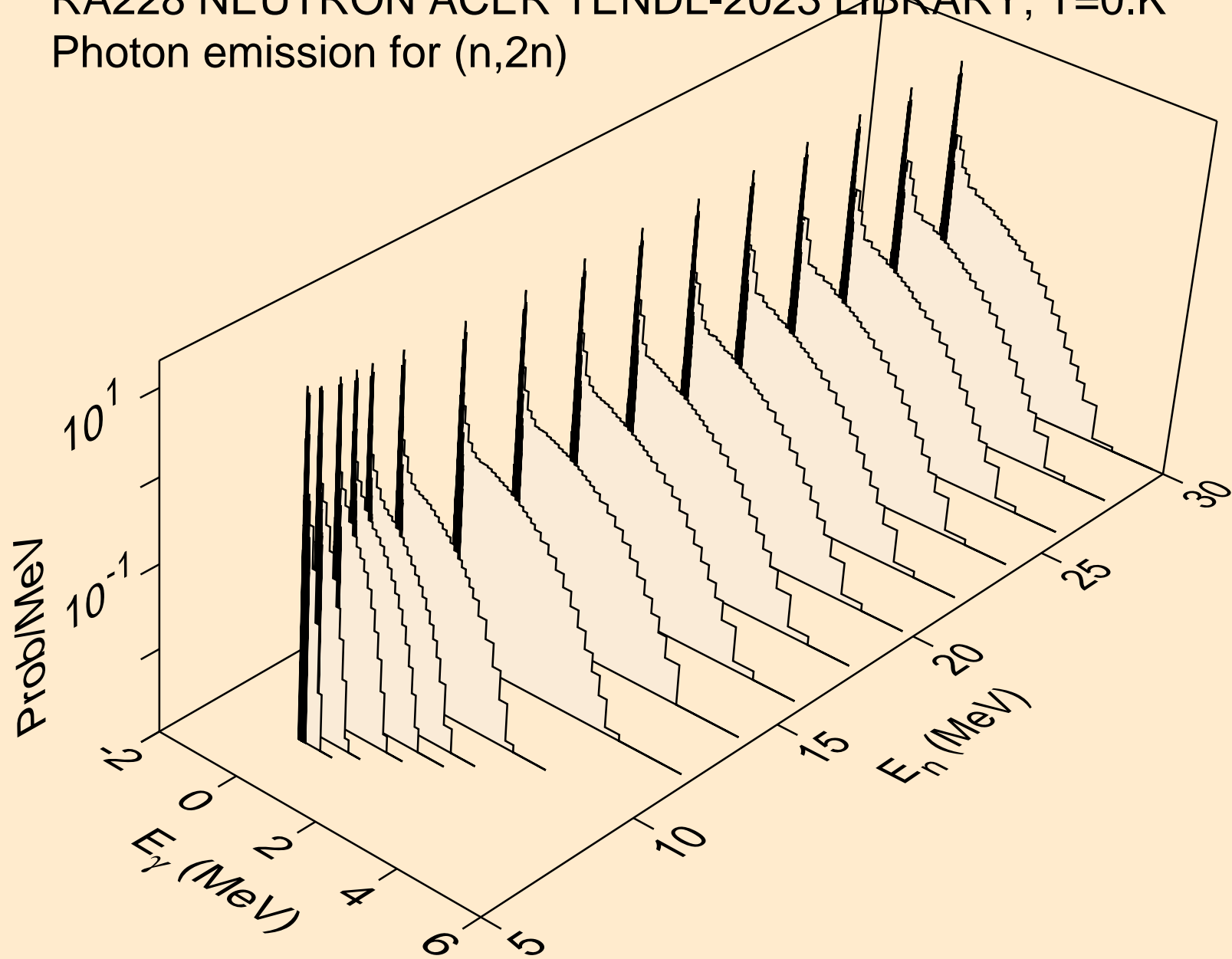


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

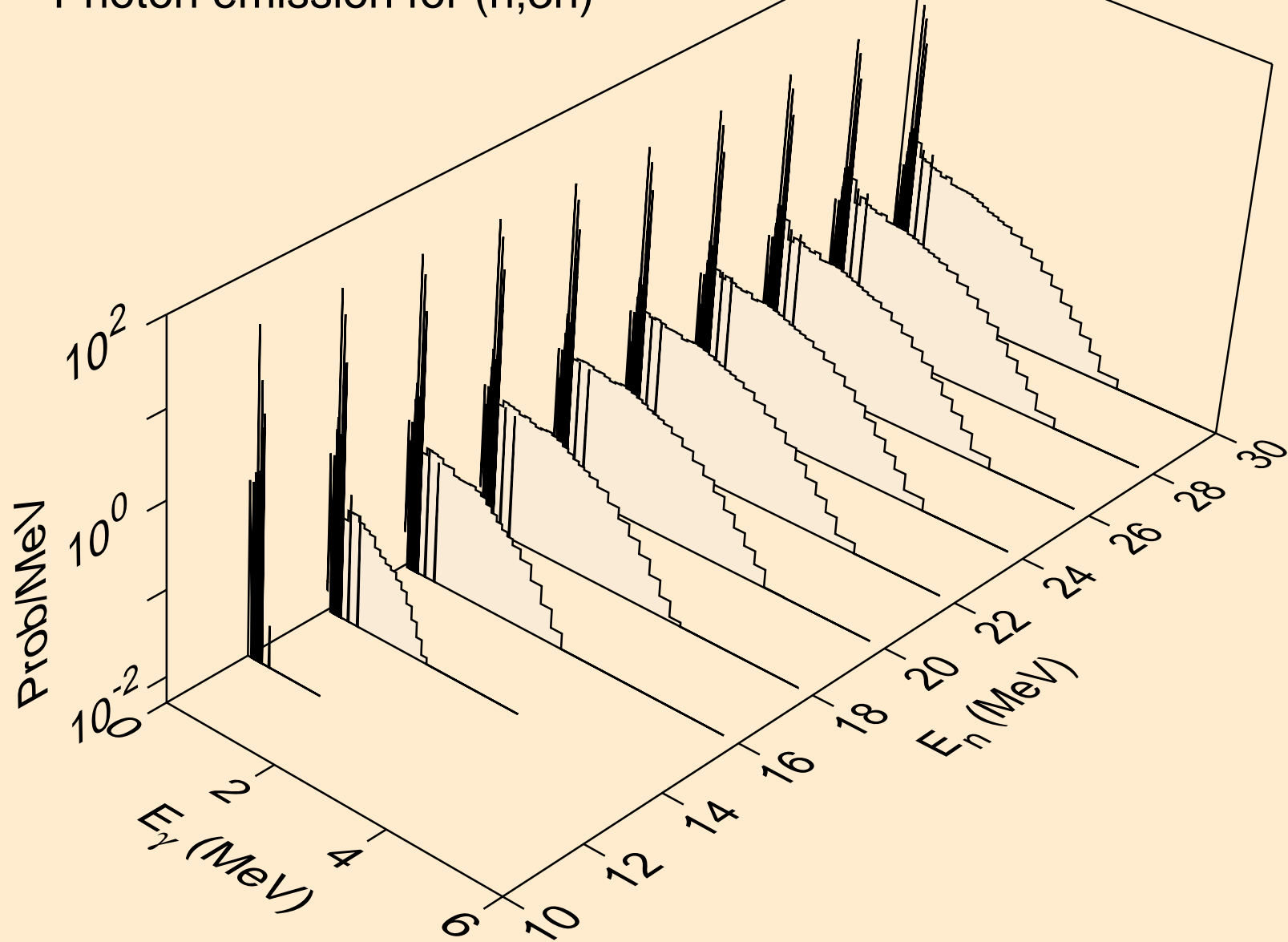




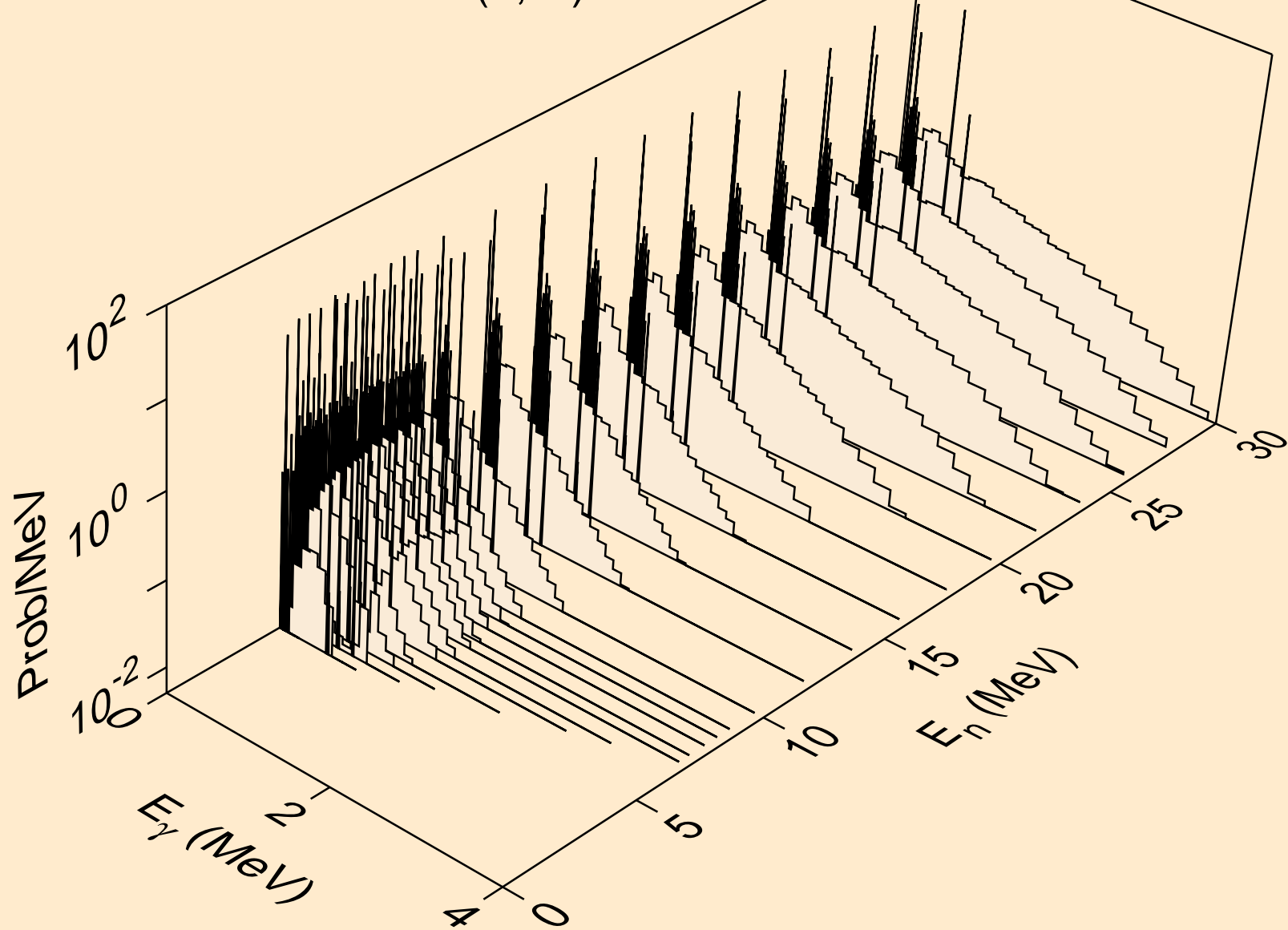
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



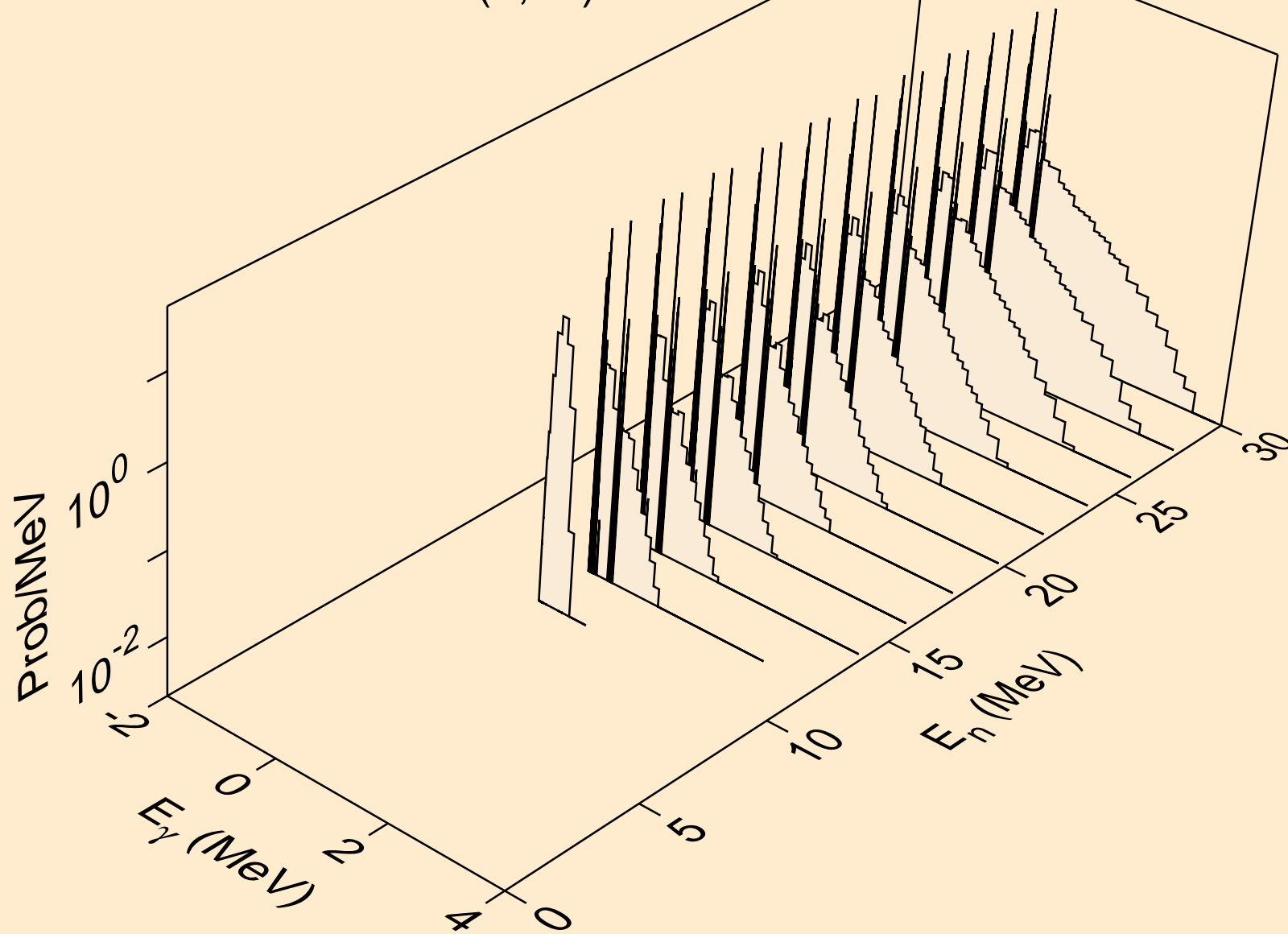
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



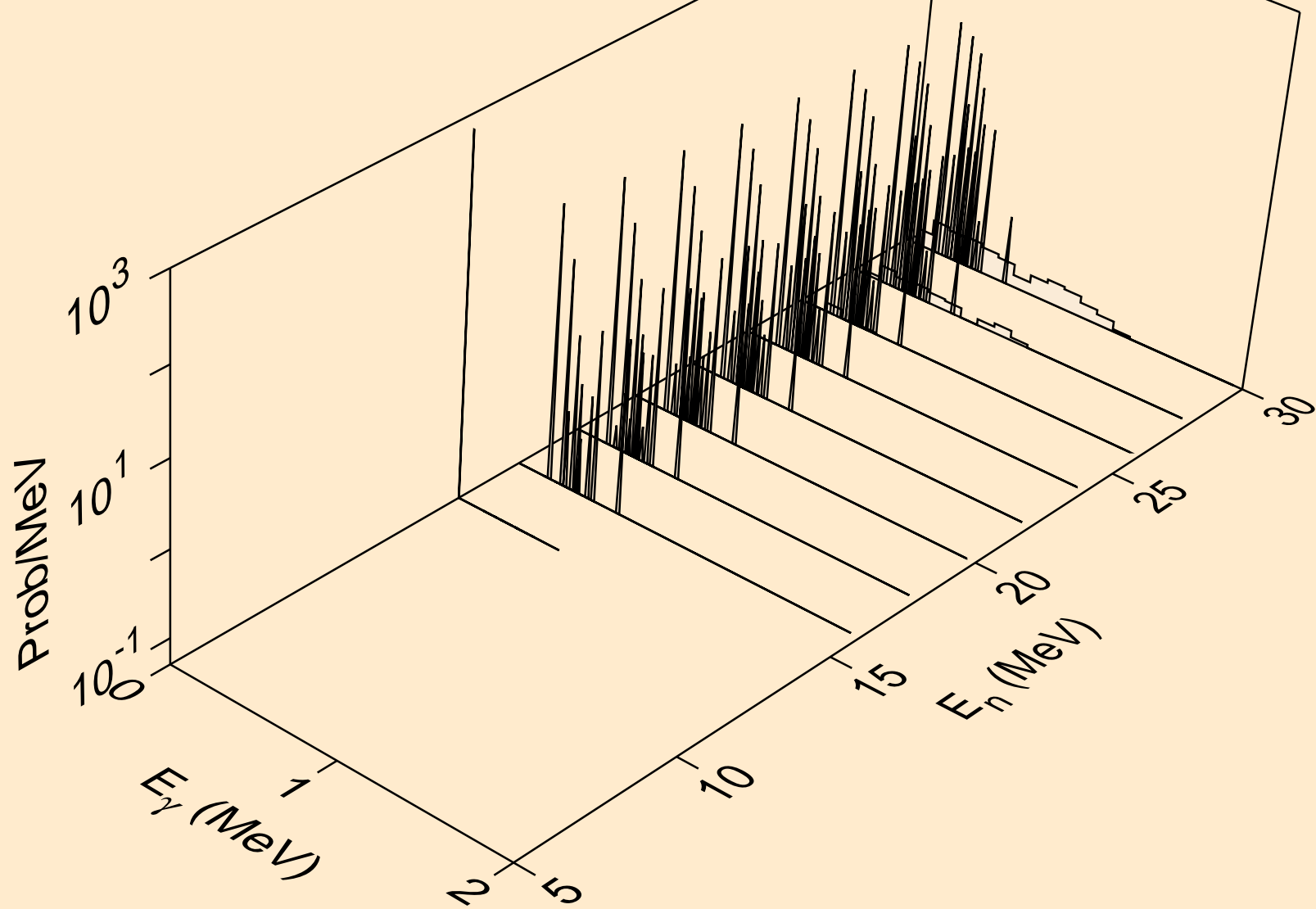
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



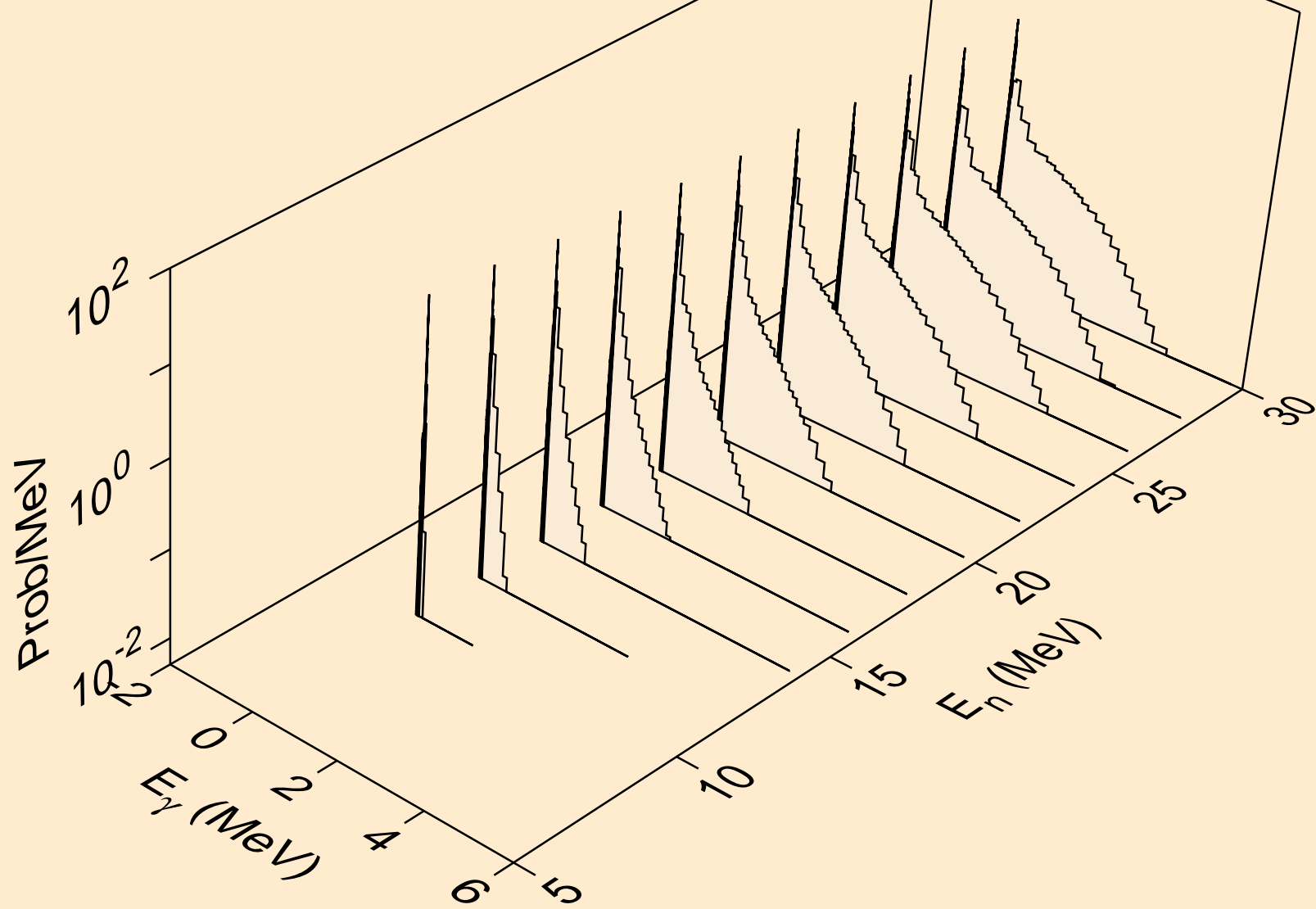
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



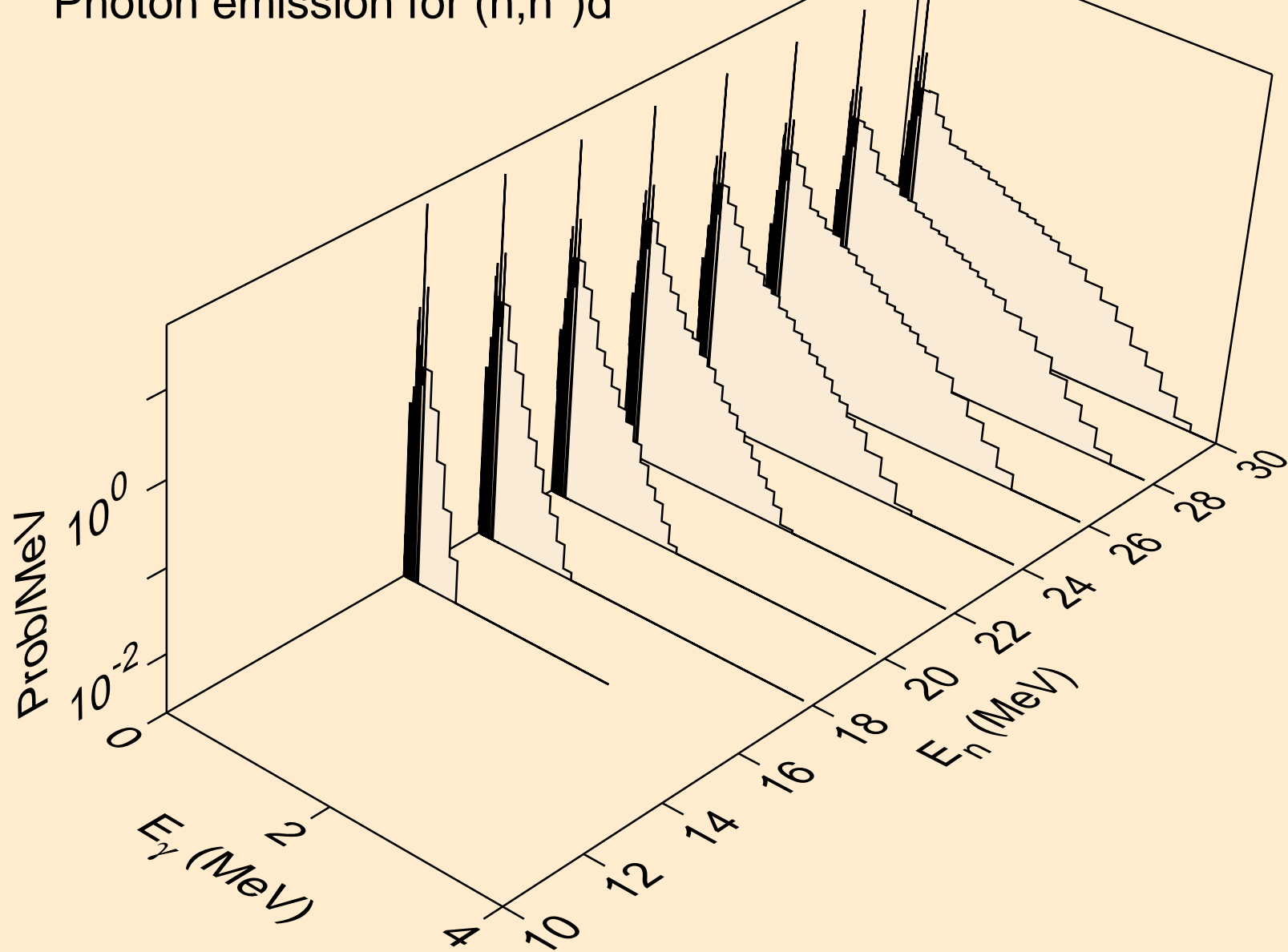
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



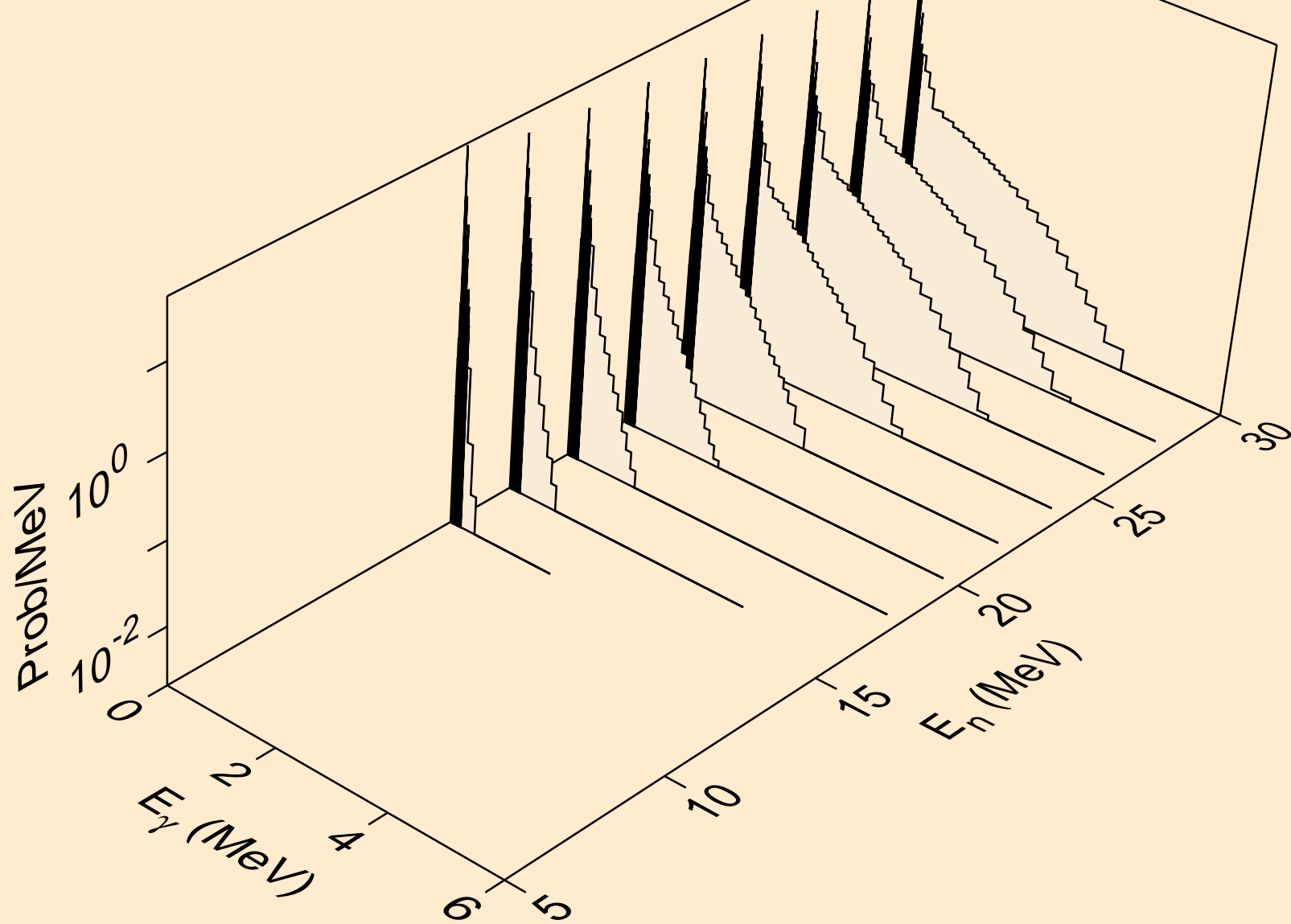
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

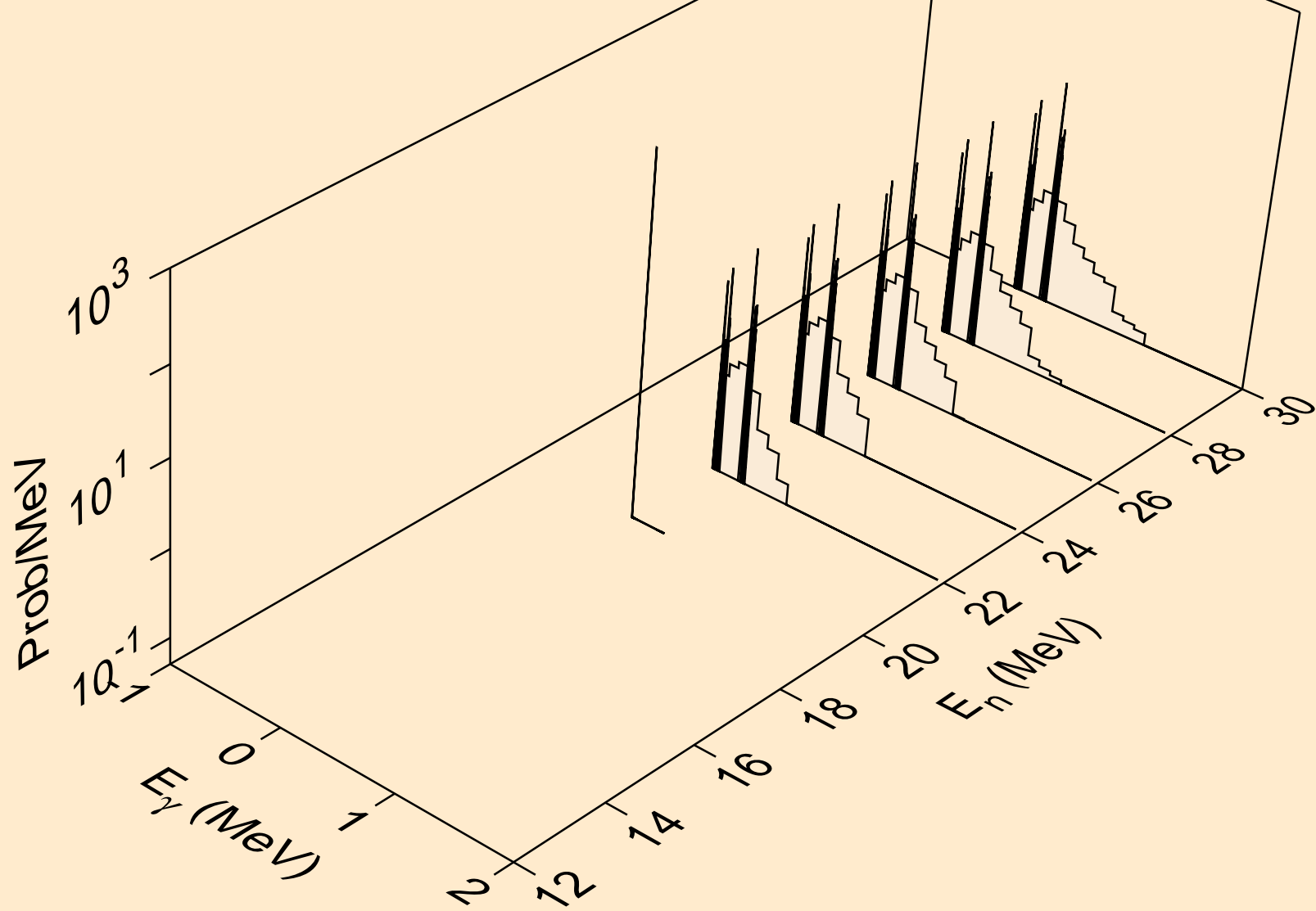


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

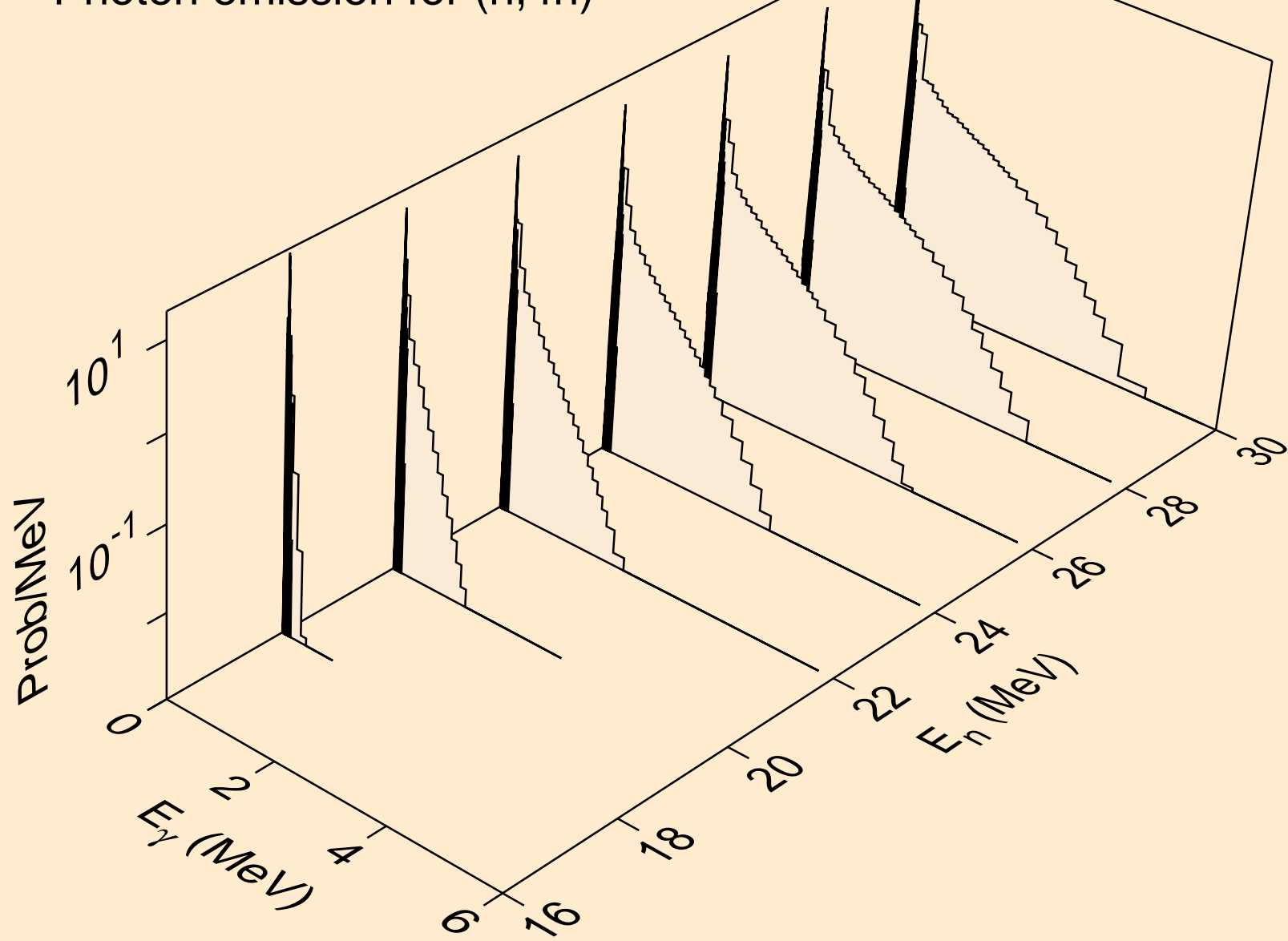




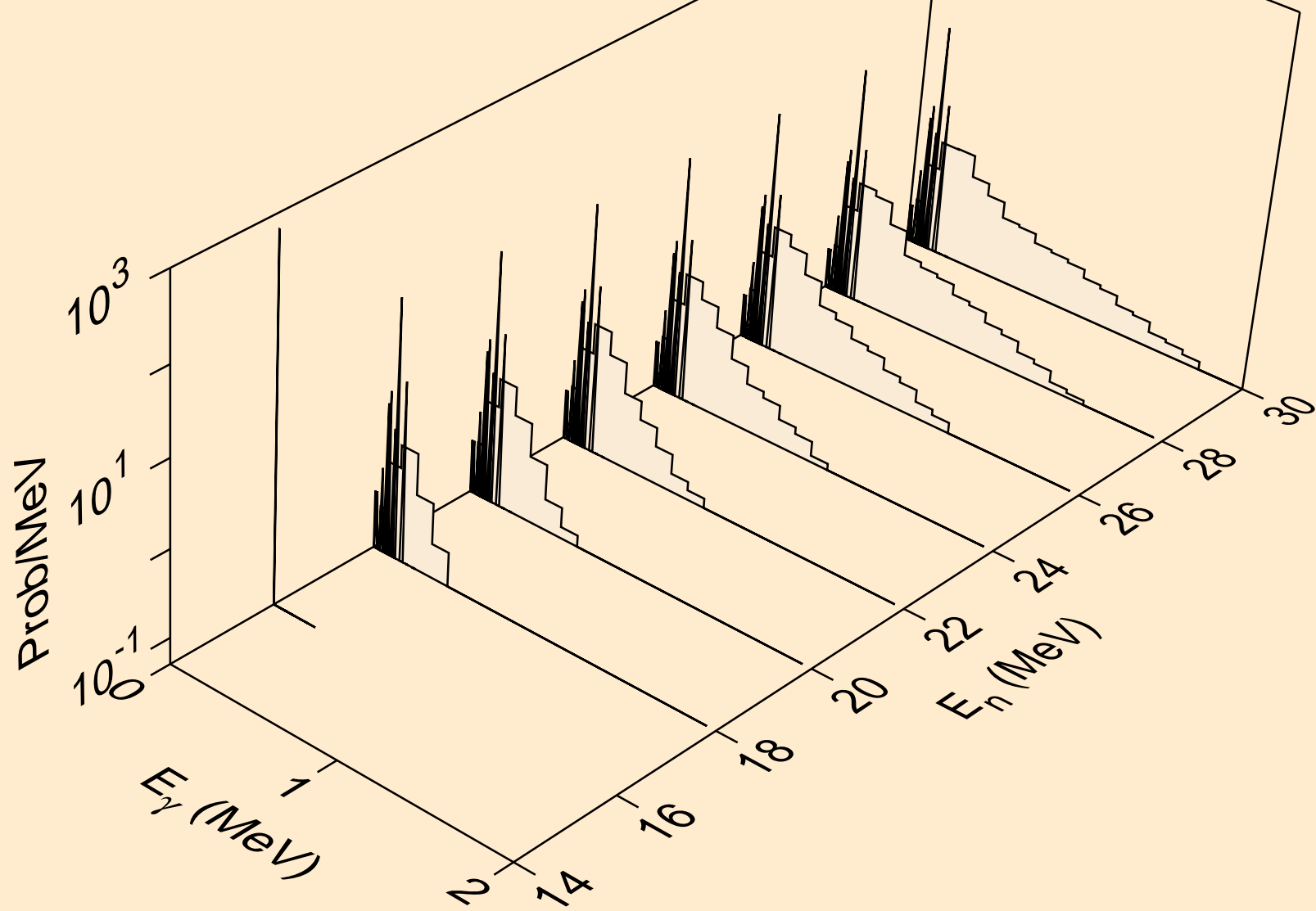
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



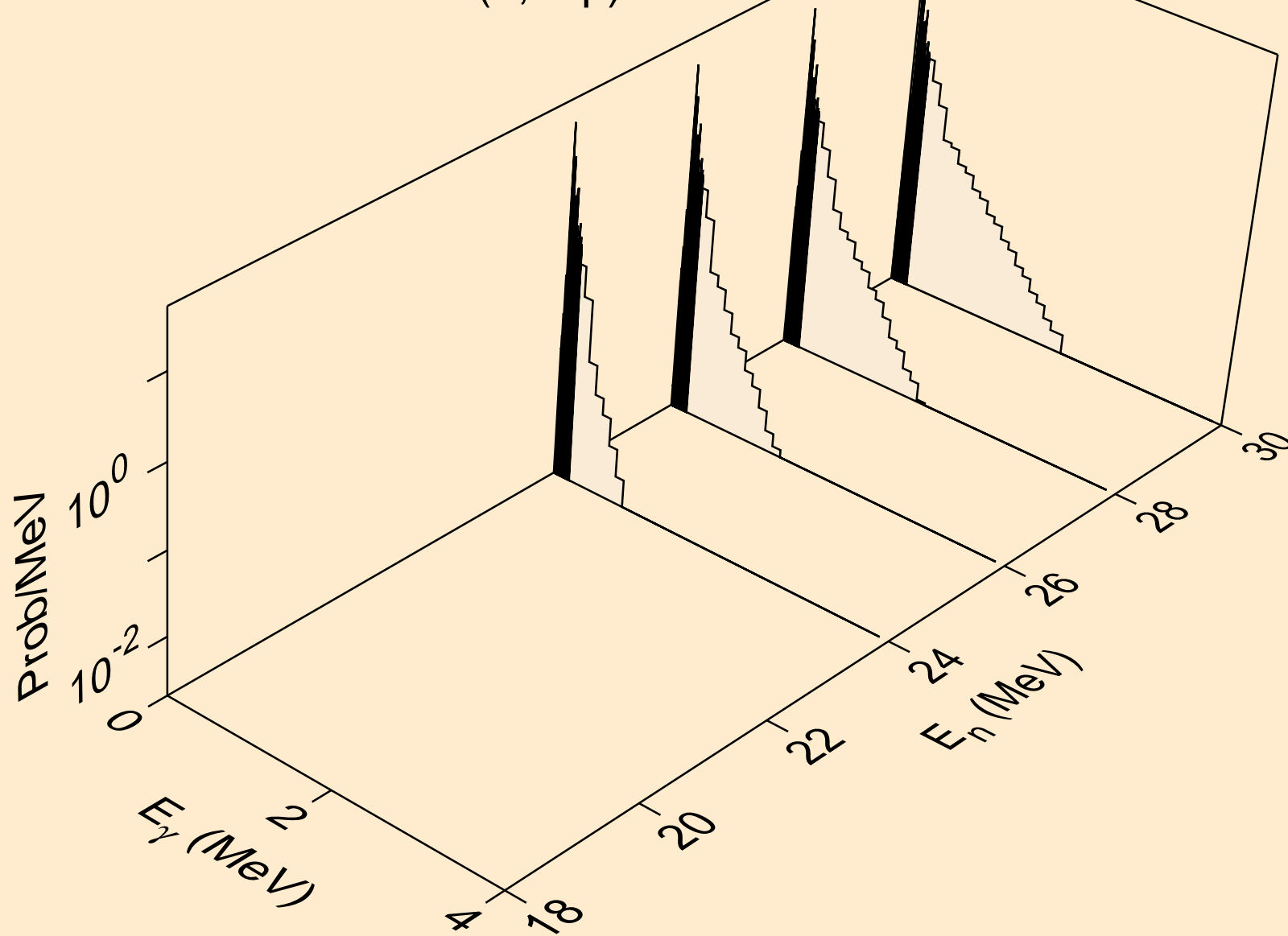
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



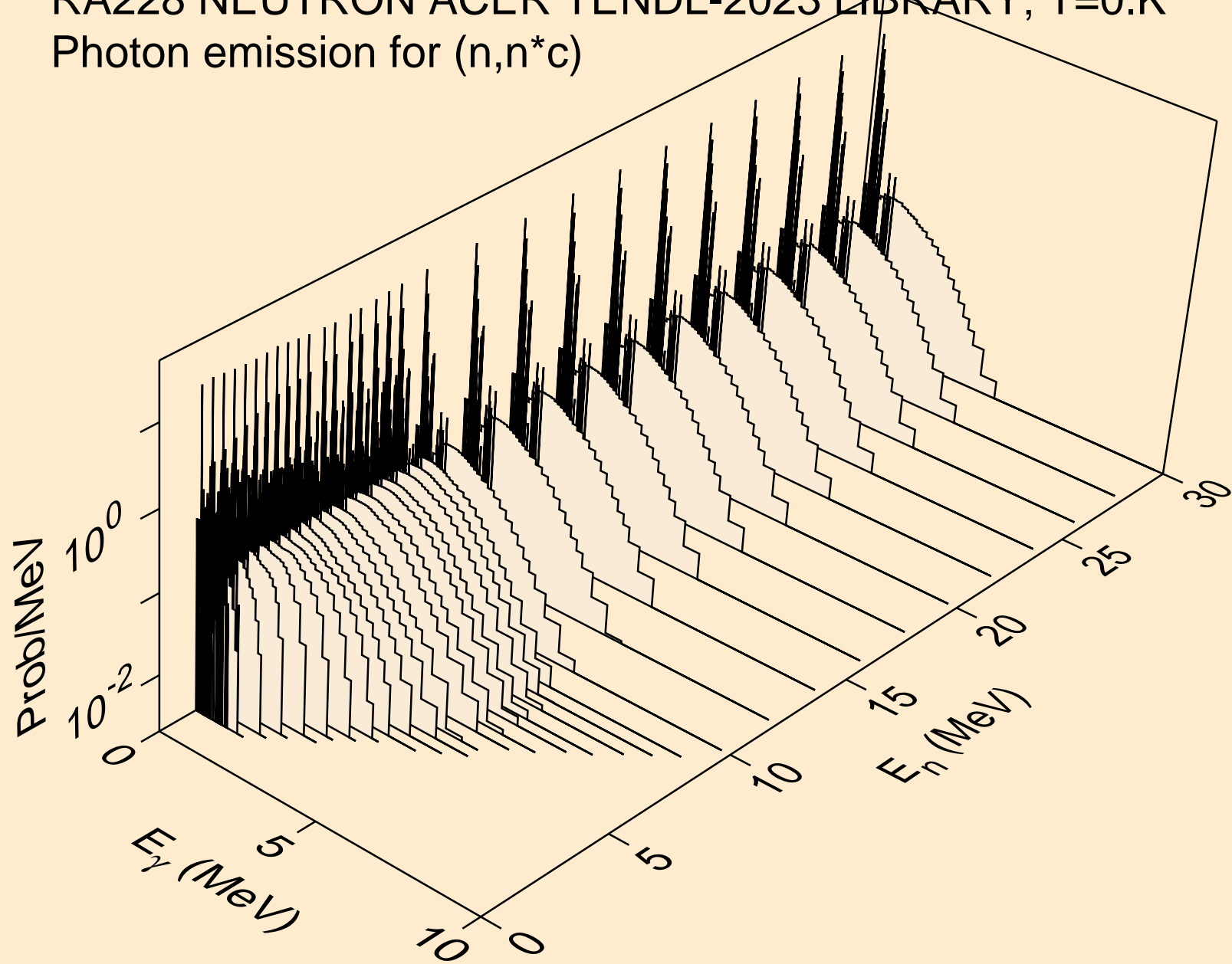
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Photon emission for (n,2np)



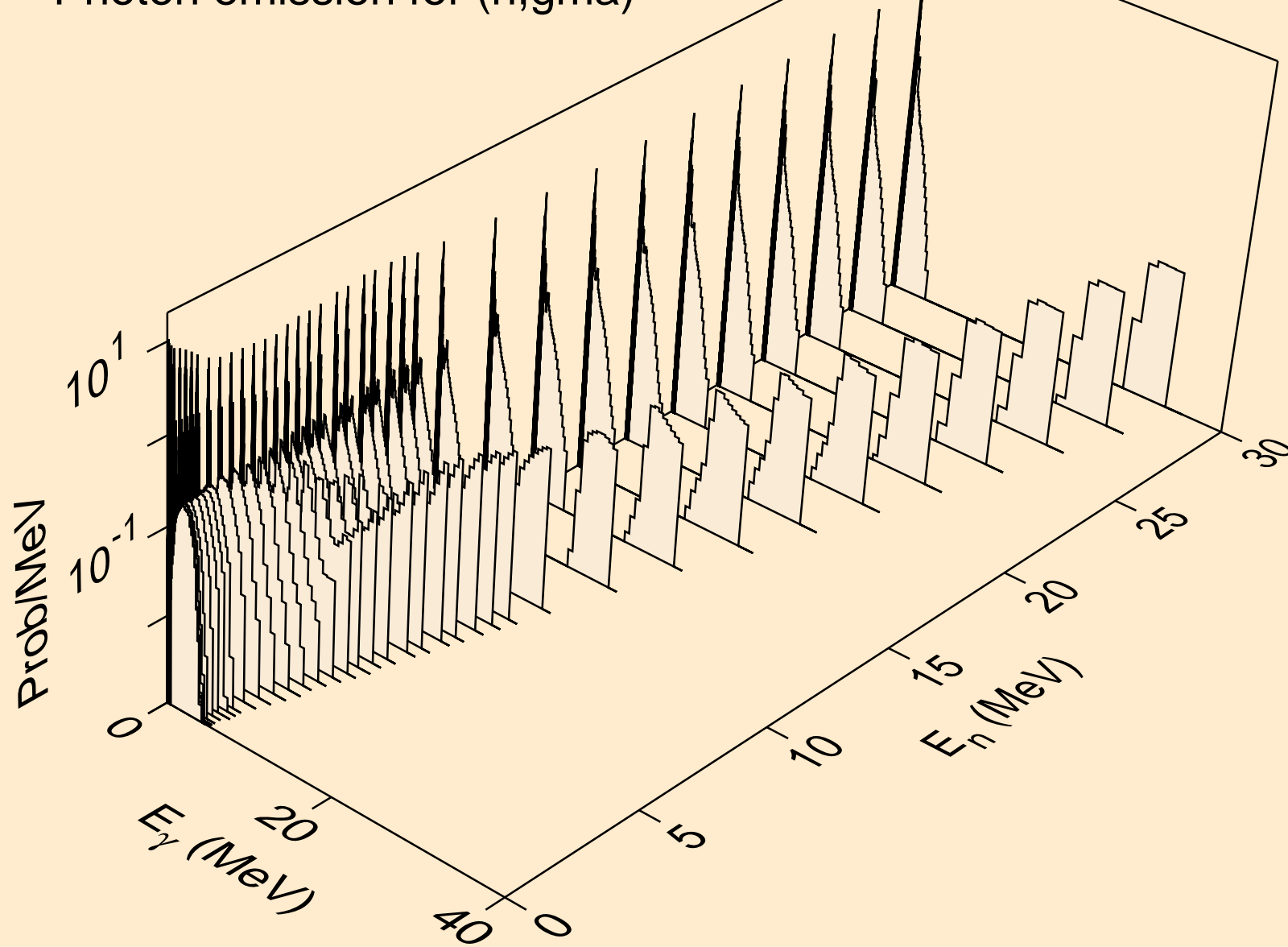
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Photon emission for (n,3np)



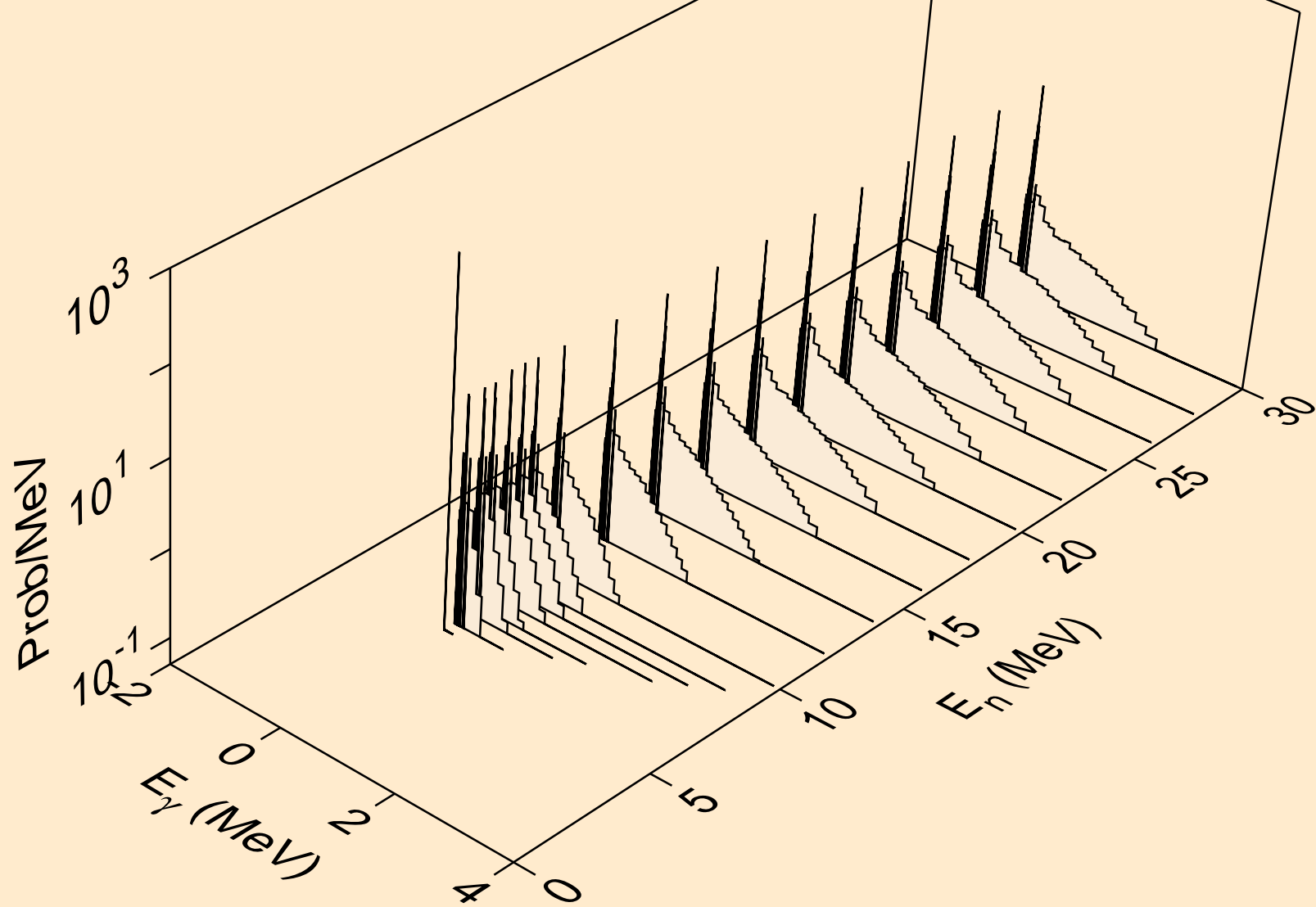
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Photon emission for (n,n\*c)



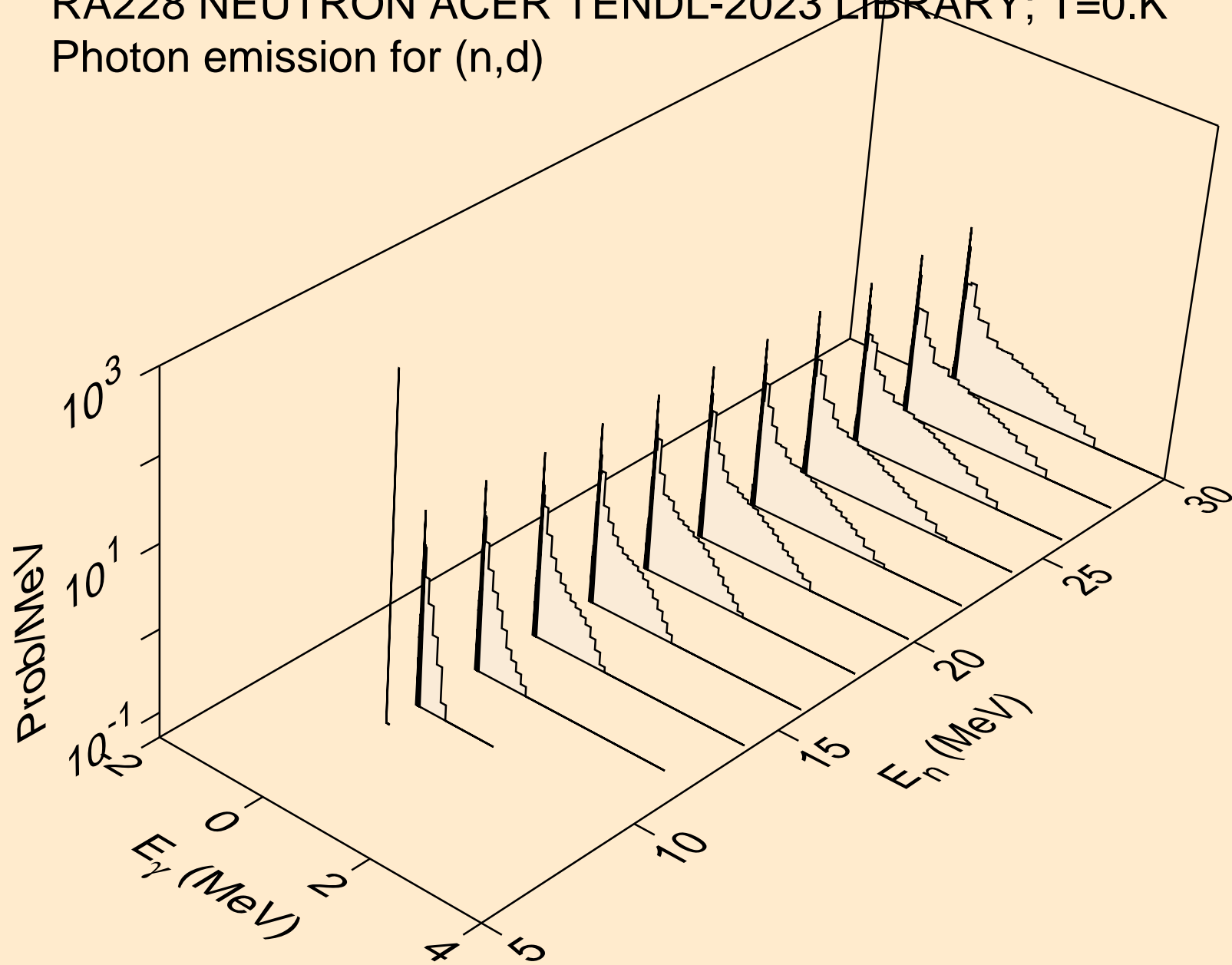
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

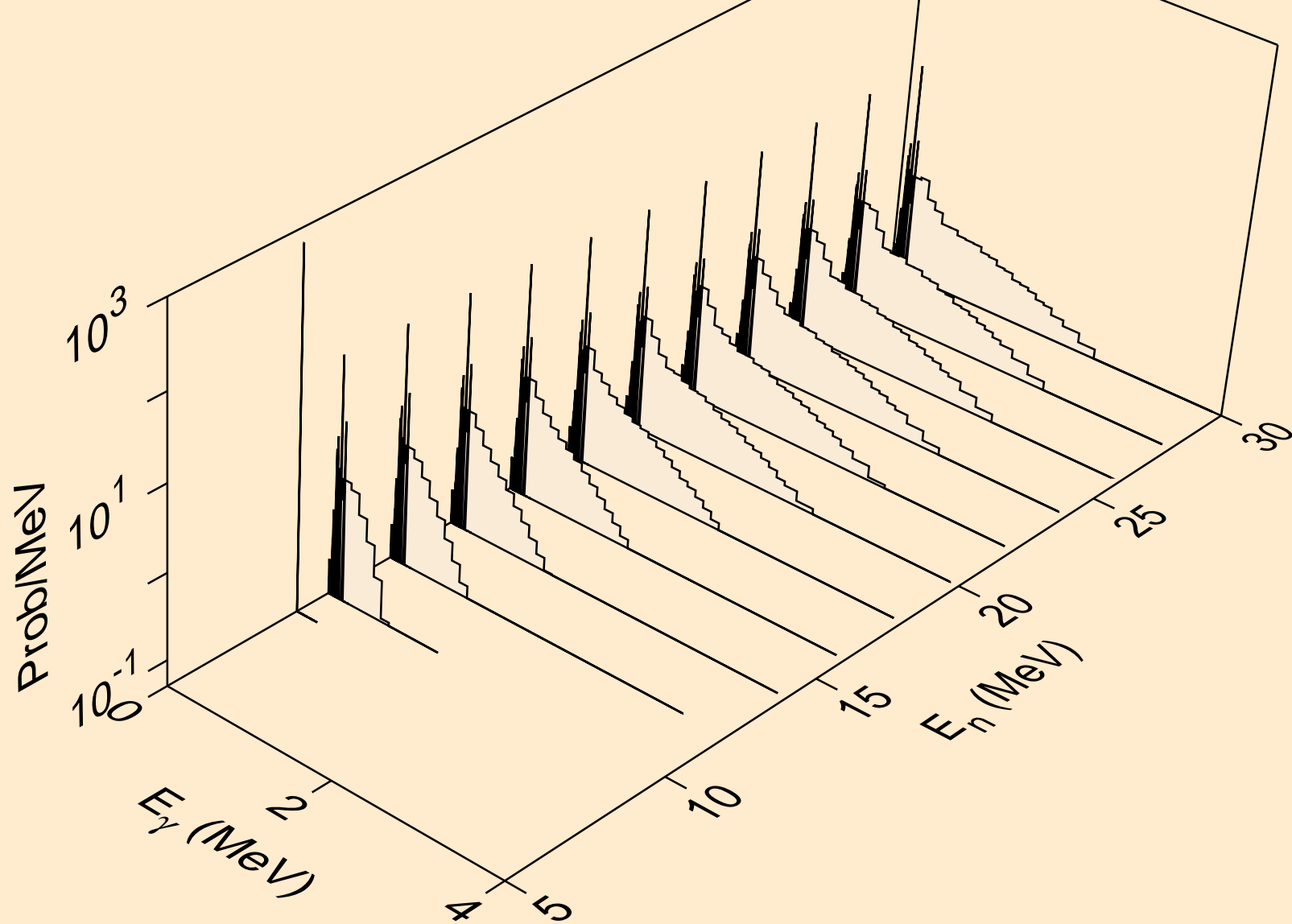


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

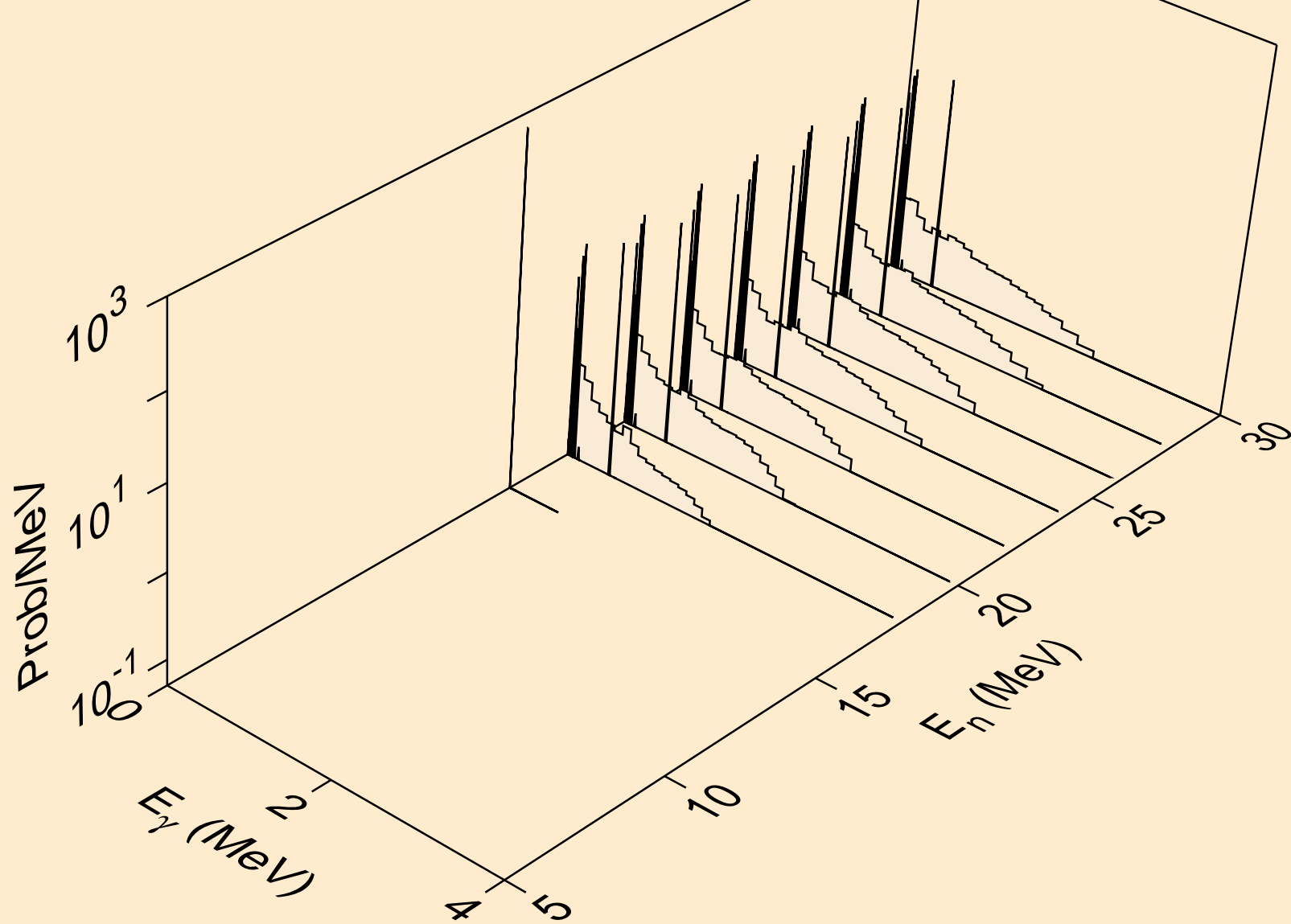




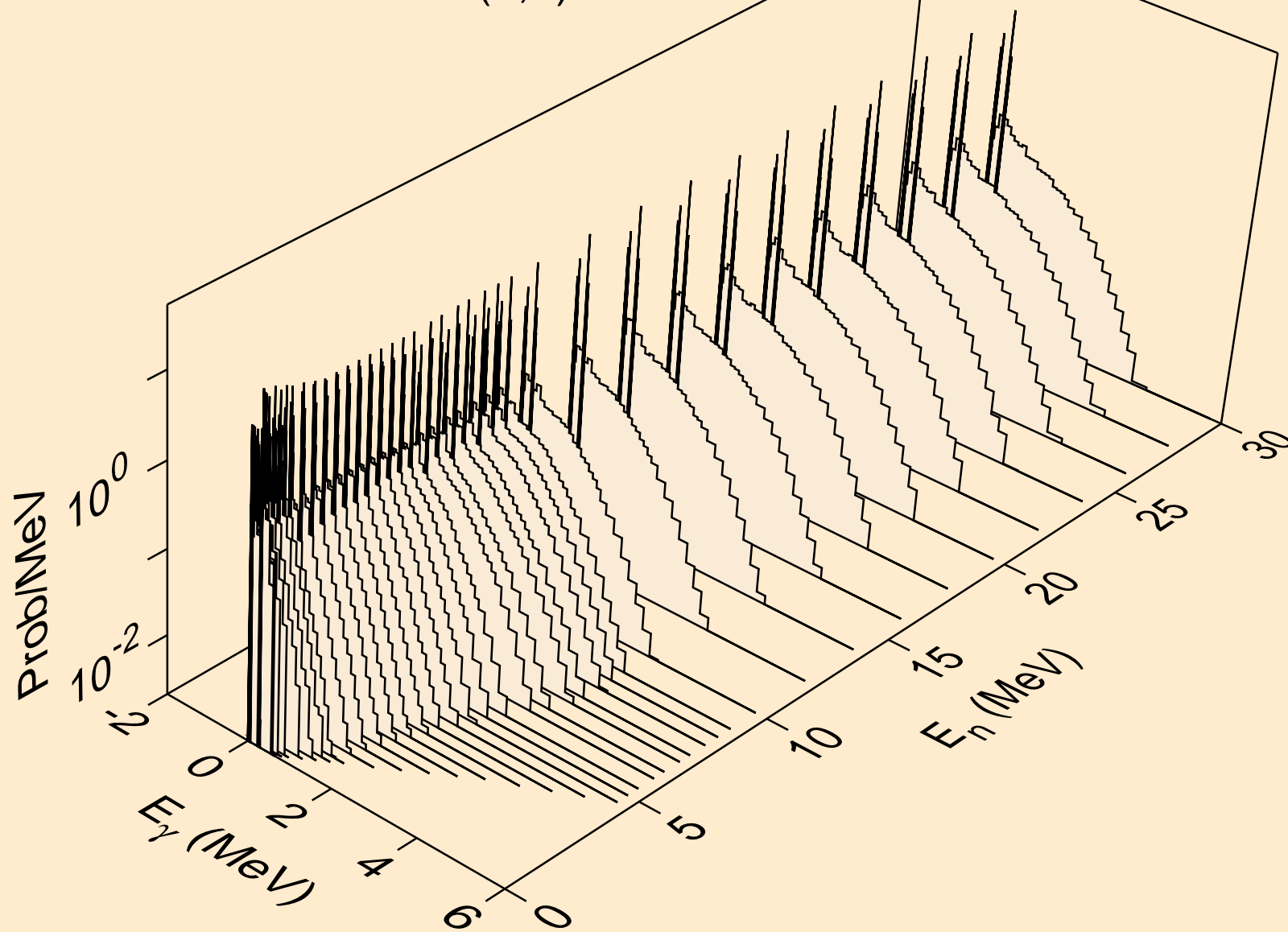
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Photon emission for (n,t)



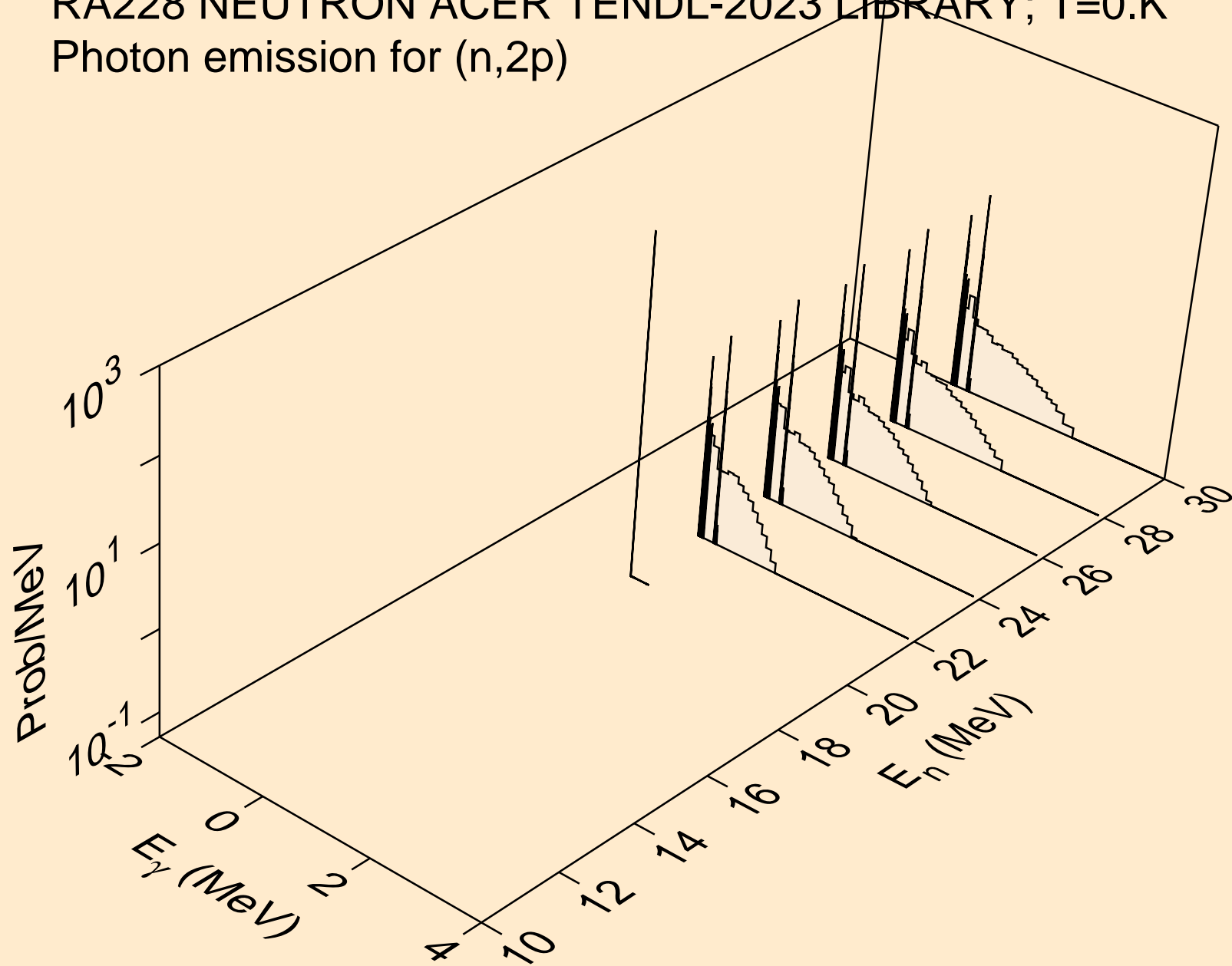
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



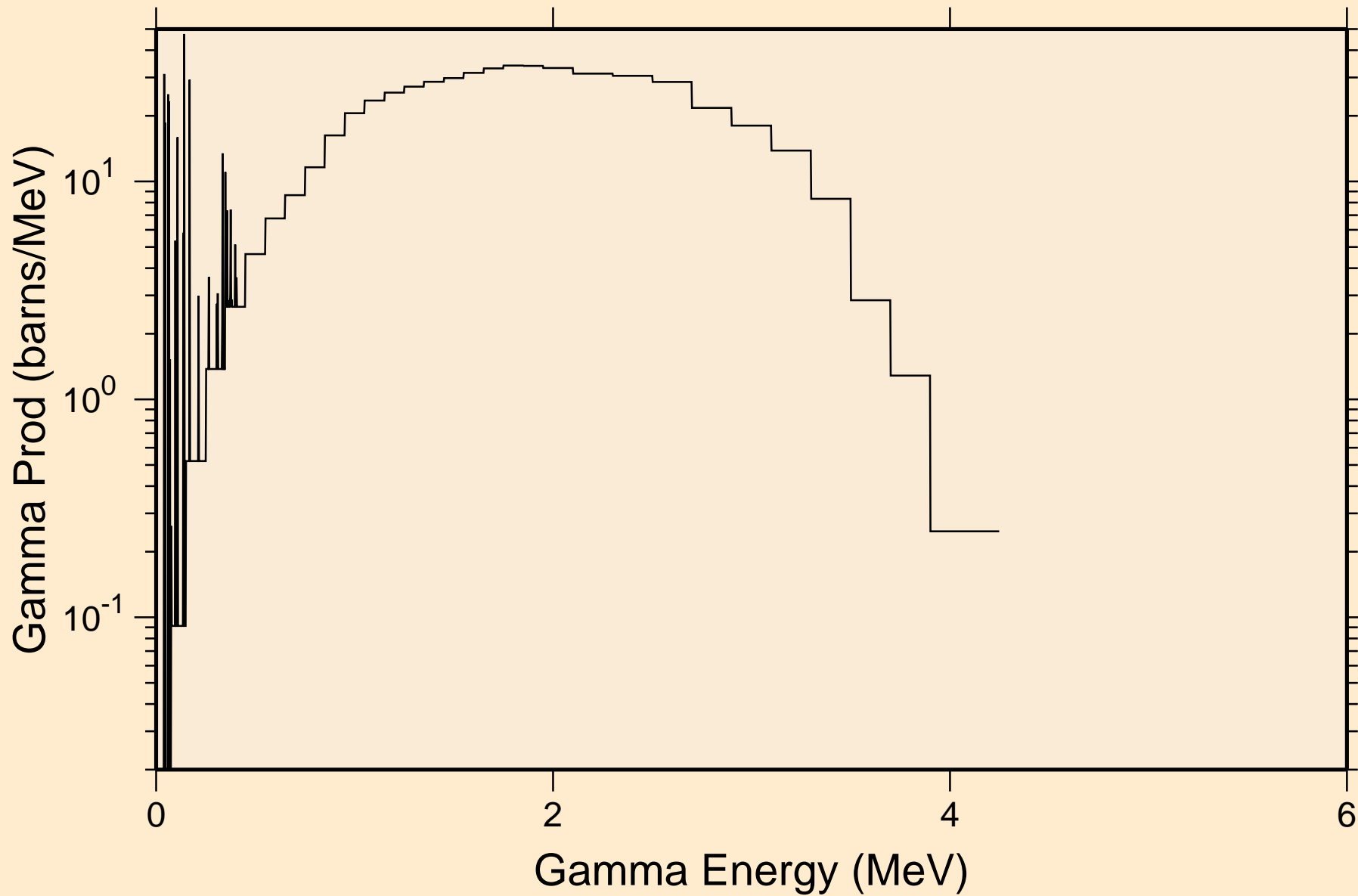
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Photon emission for (n,a)



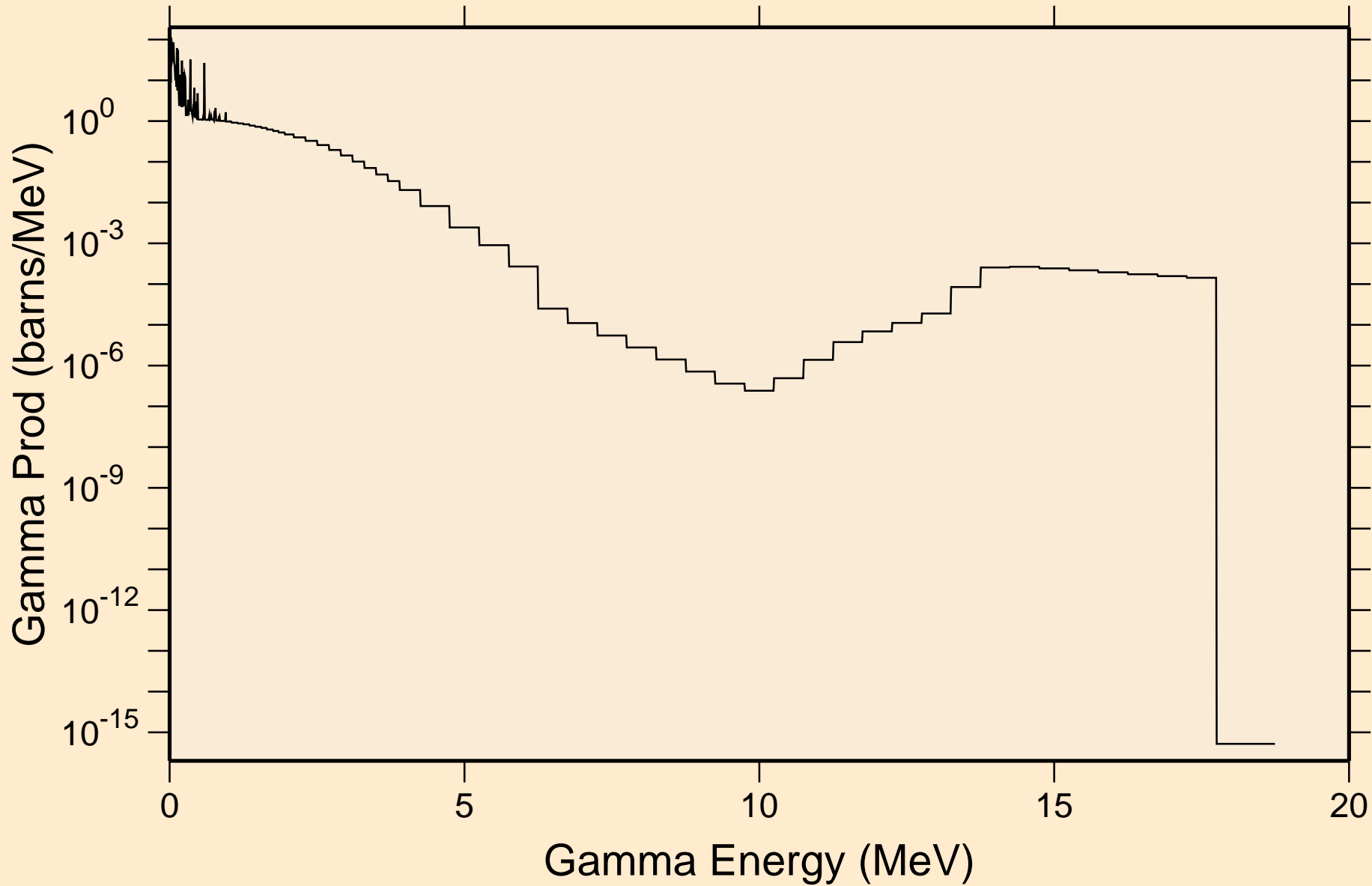
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

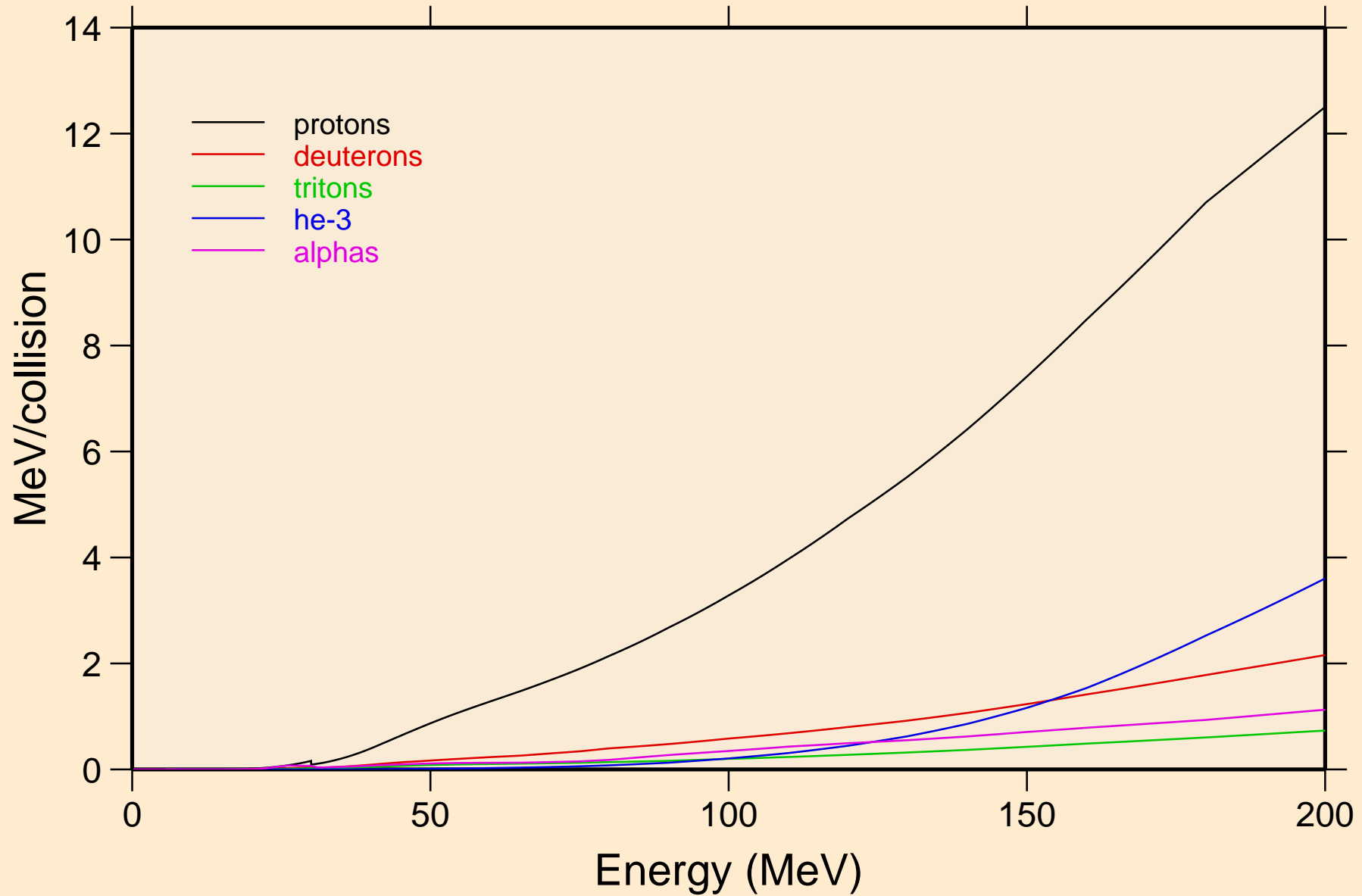


RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

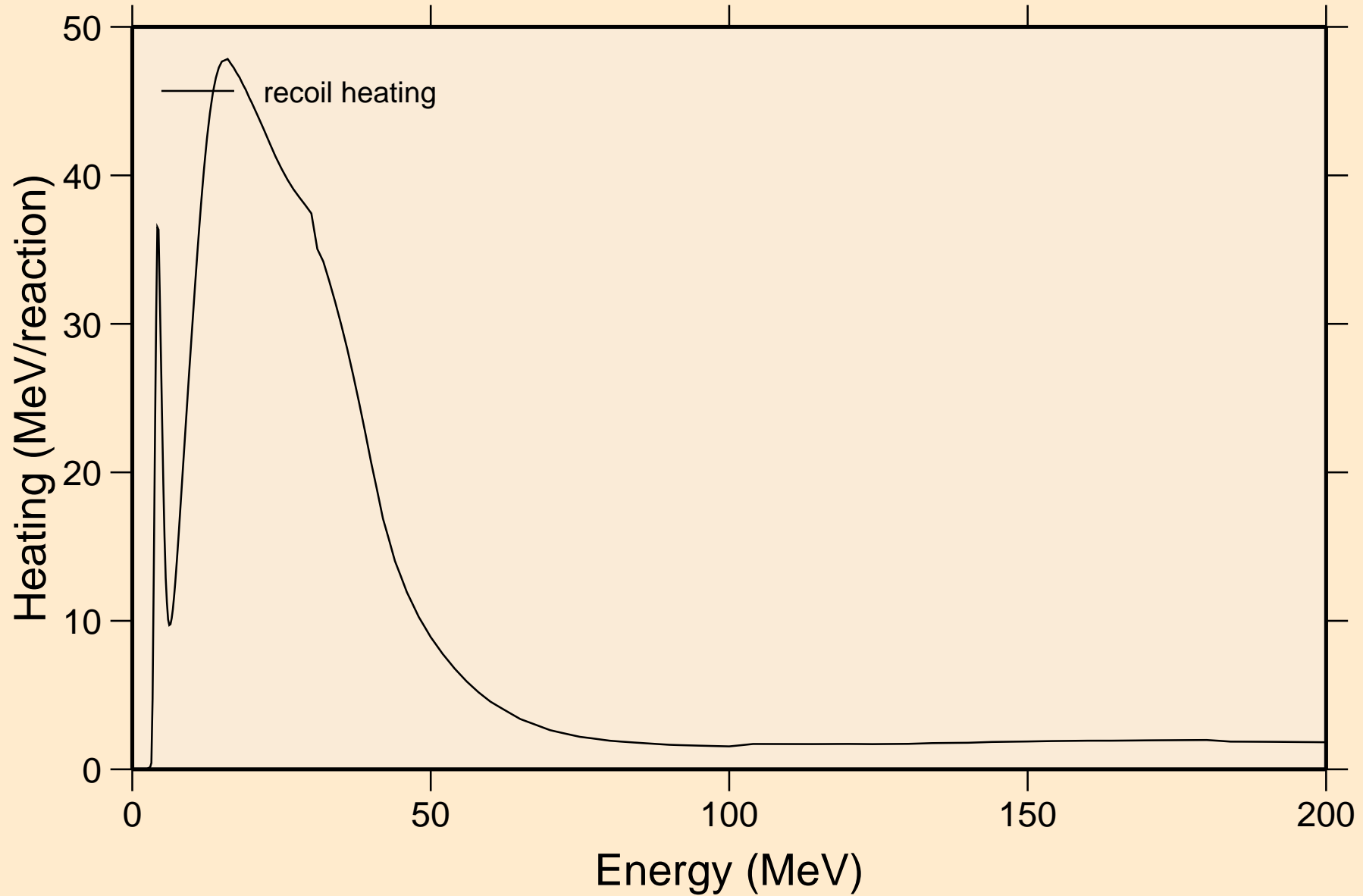


# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



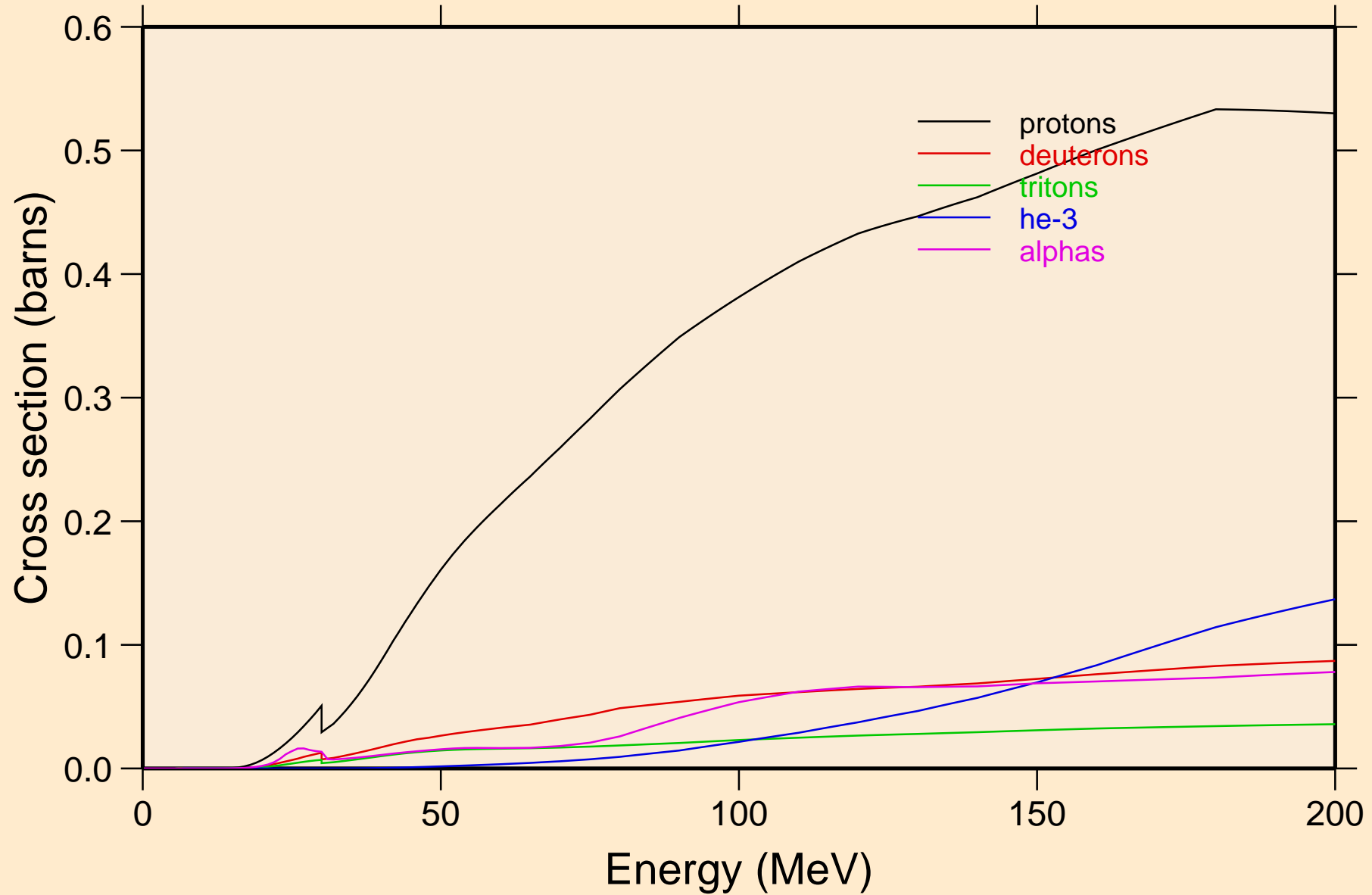
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



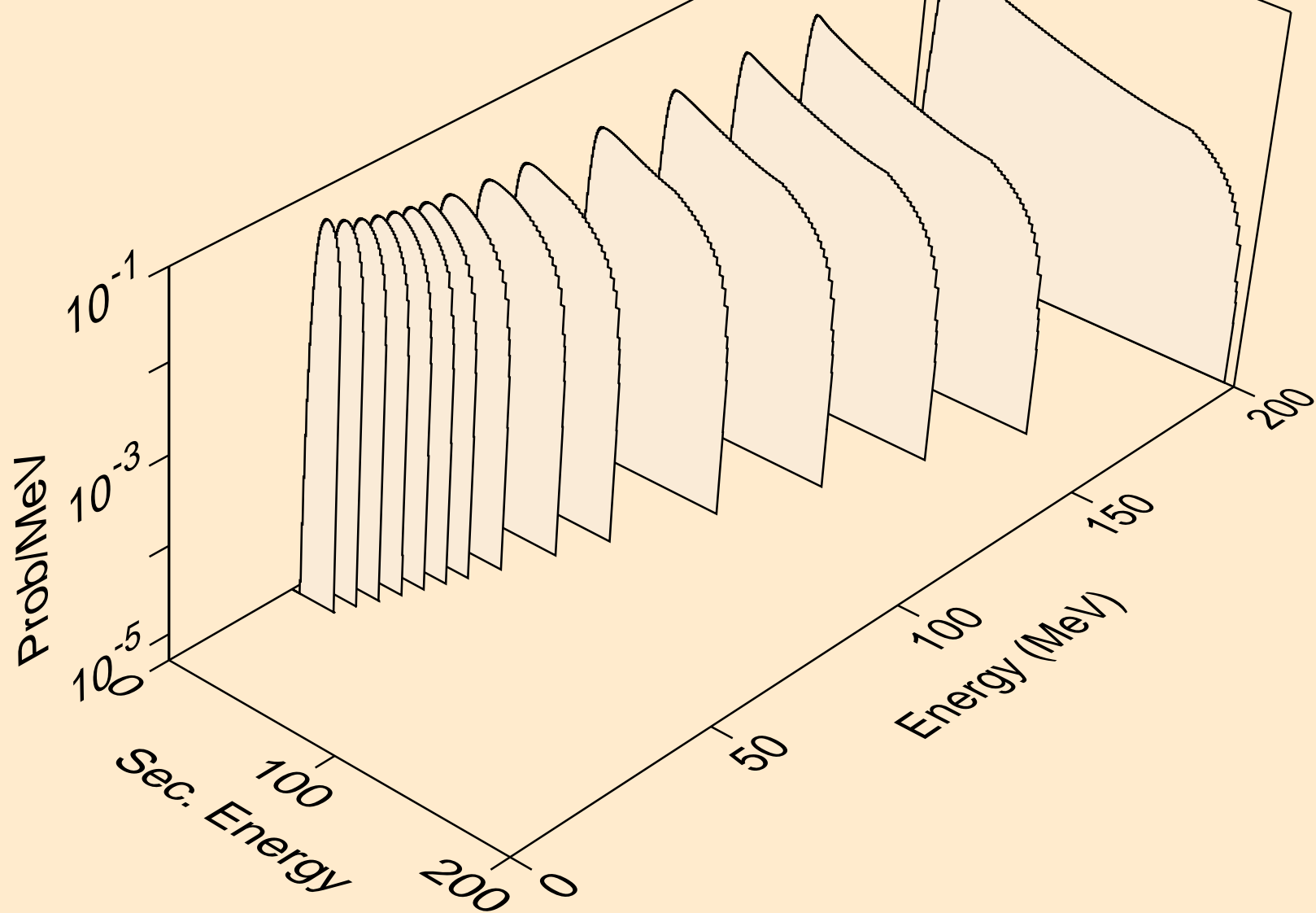


# RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

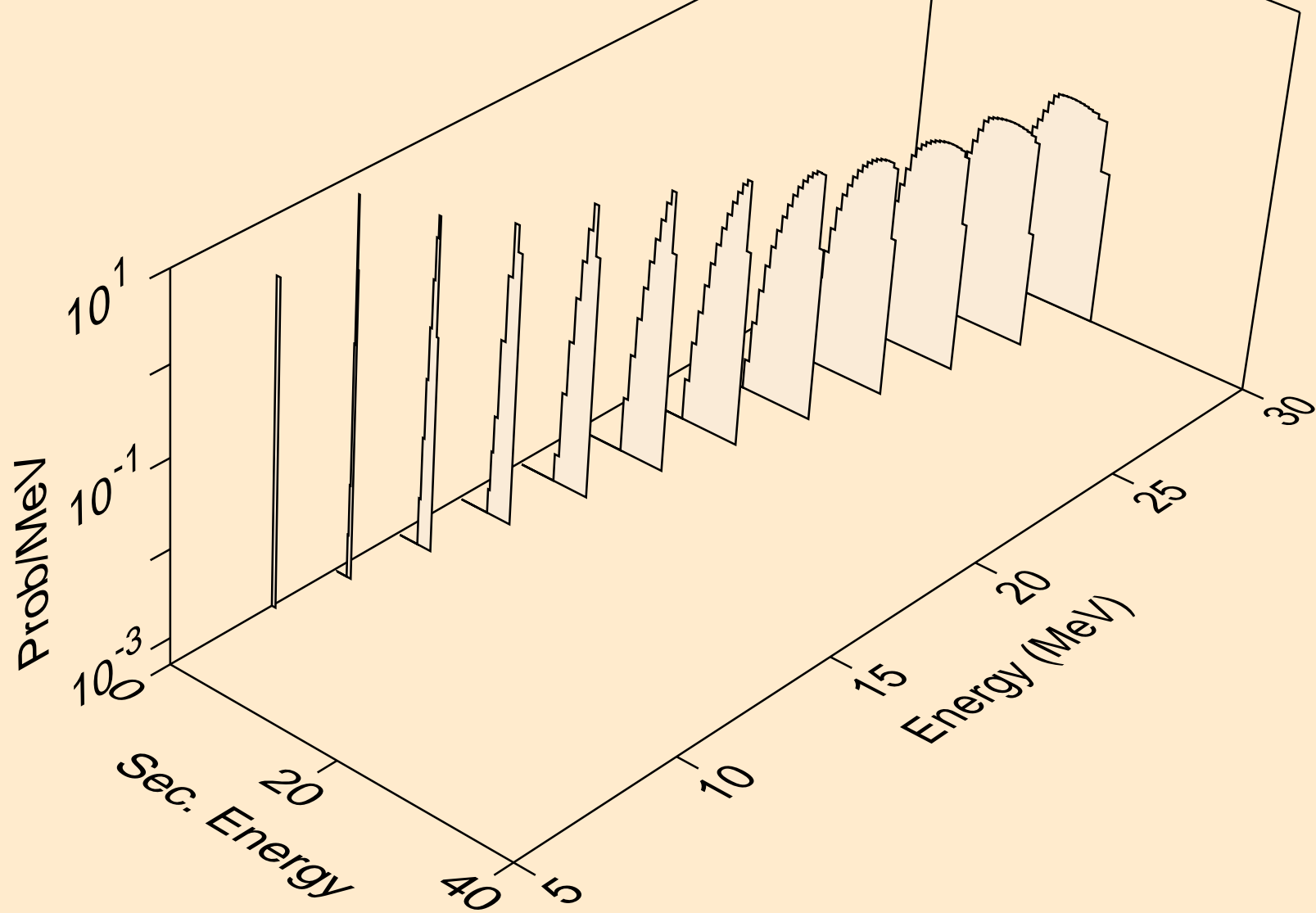
## Particle production cross sections



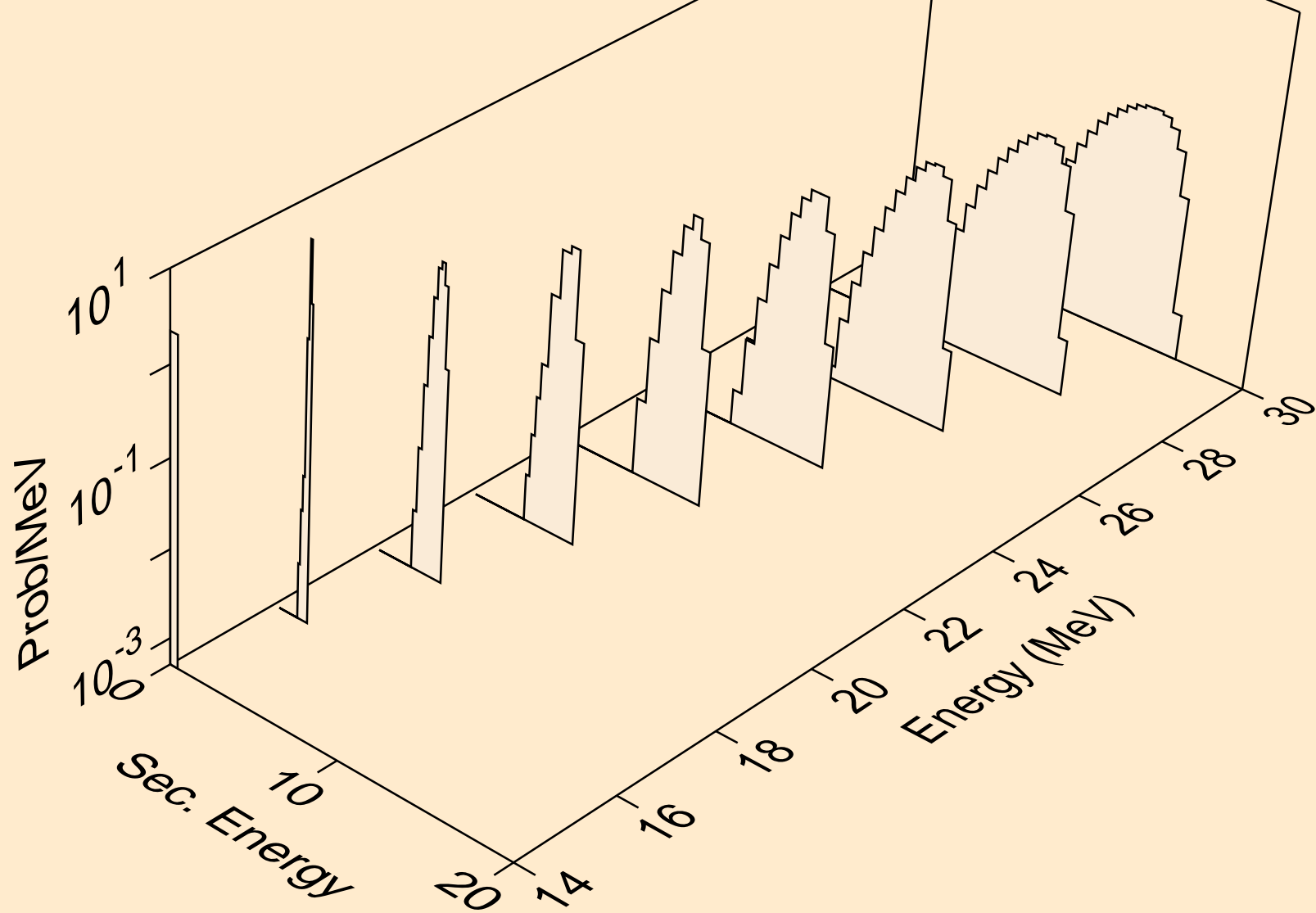
RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



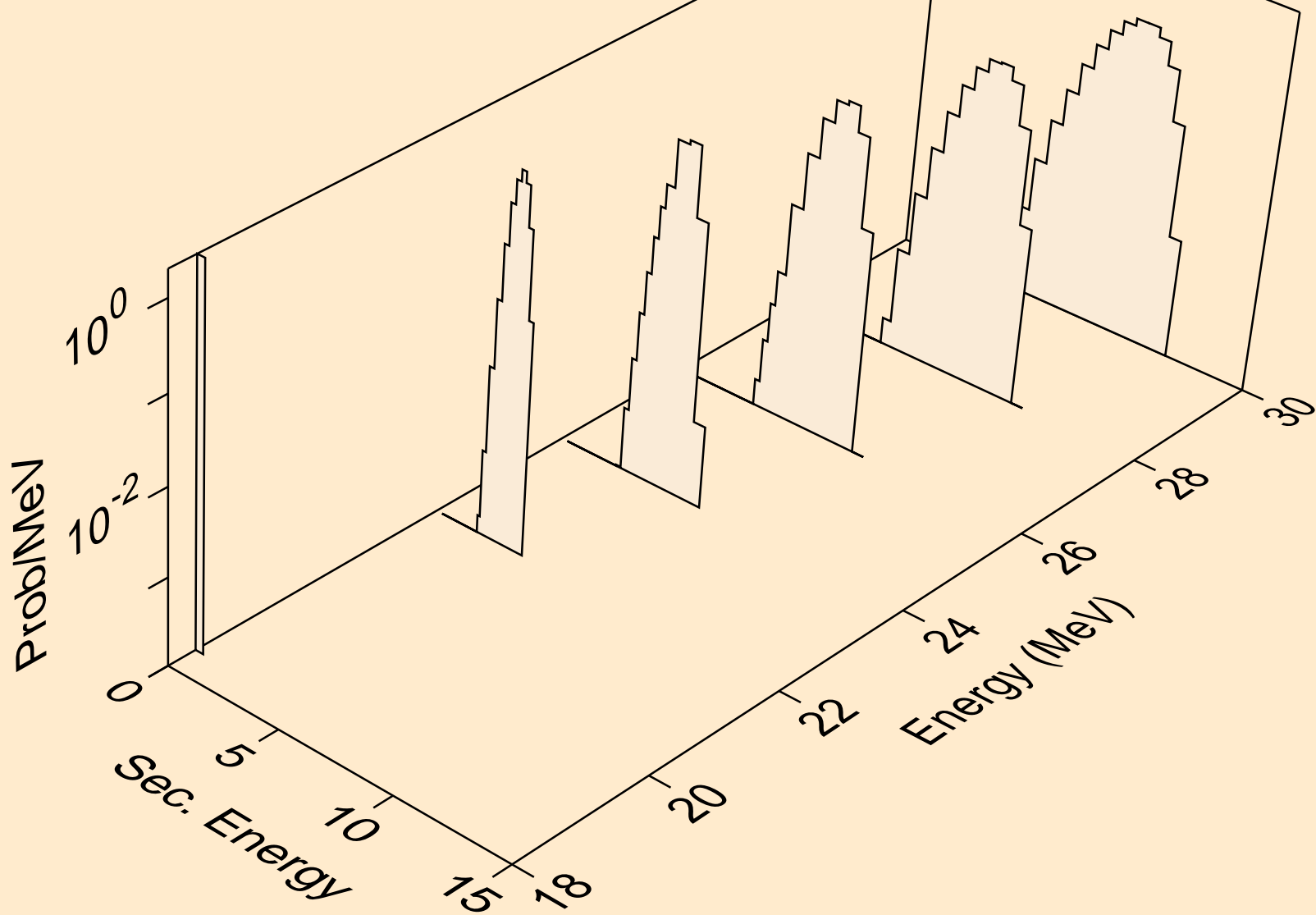
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protons from (n,n\*)p



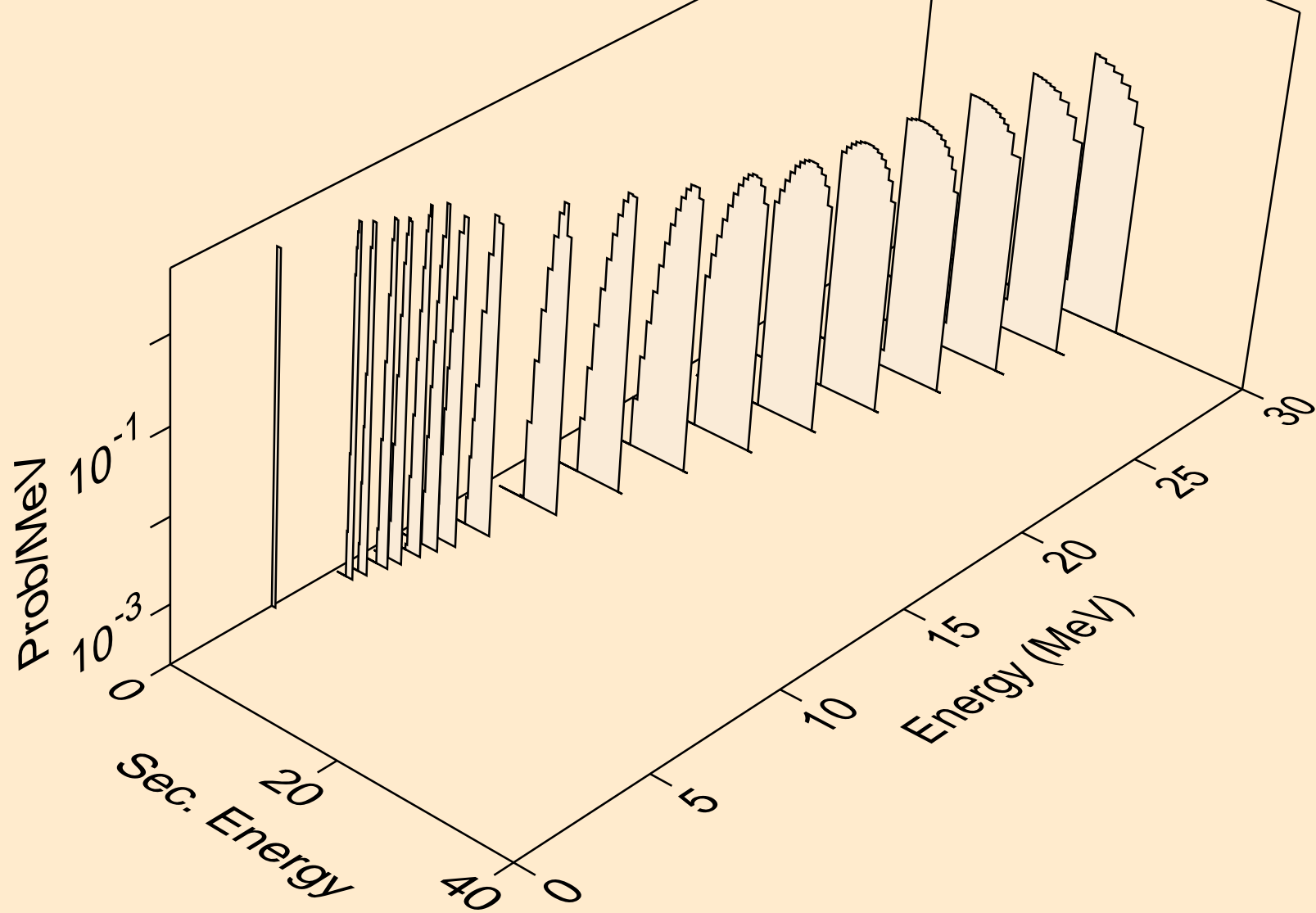
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protons from (n,2np)



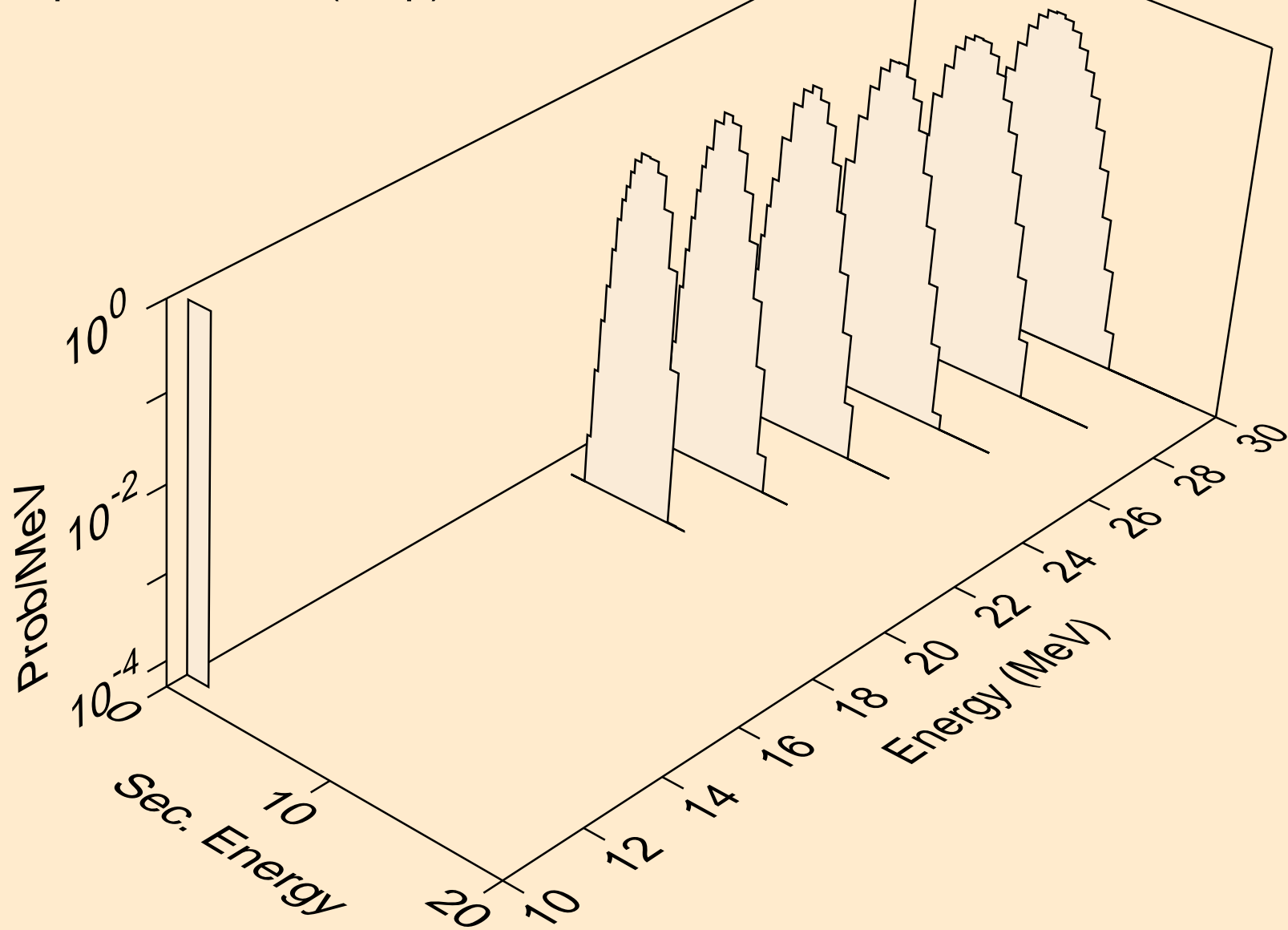
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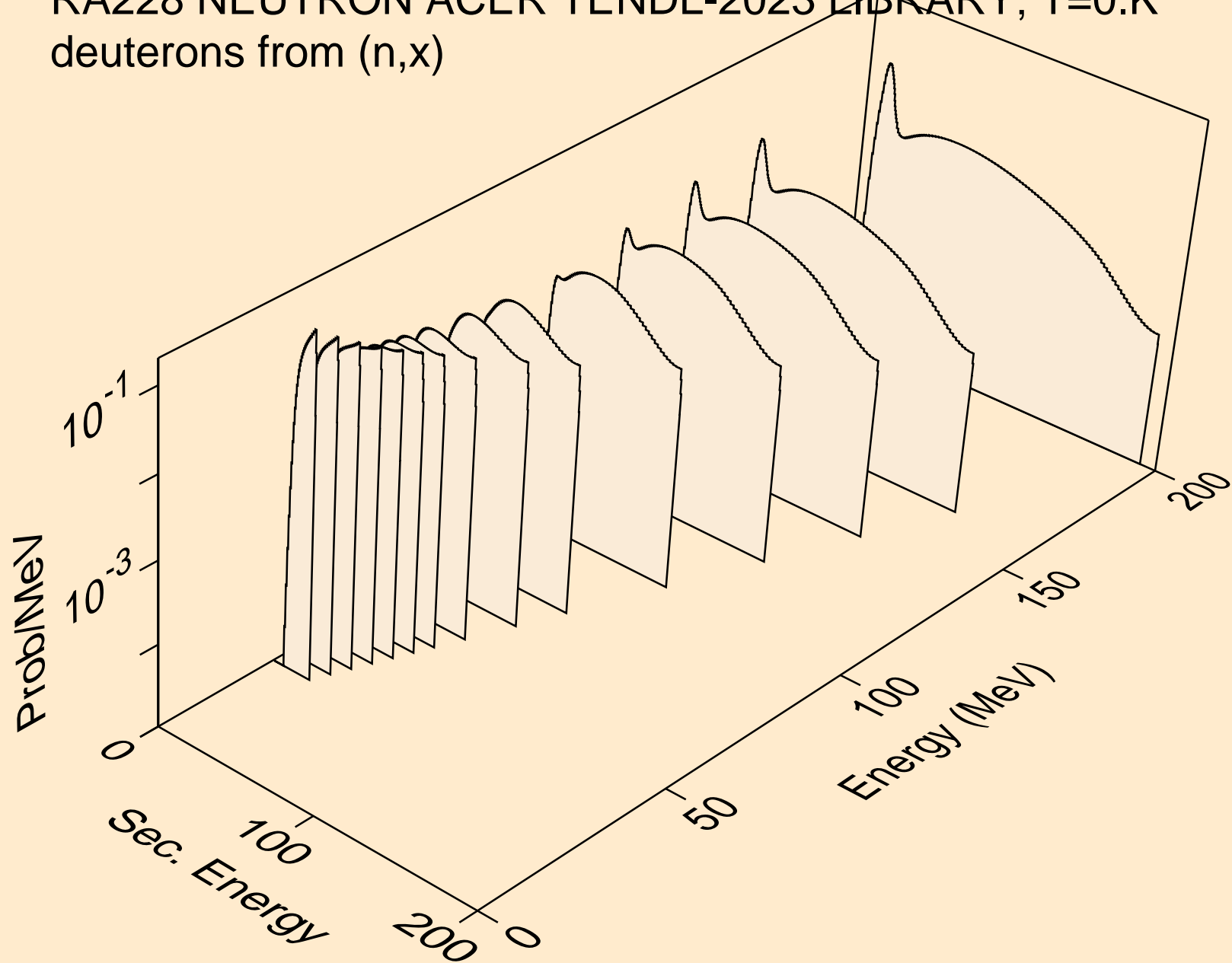
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protons from (n,p)



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)

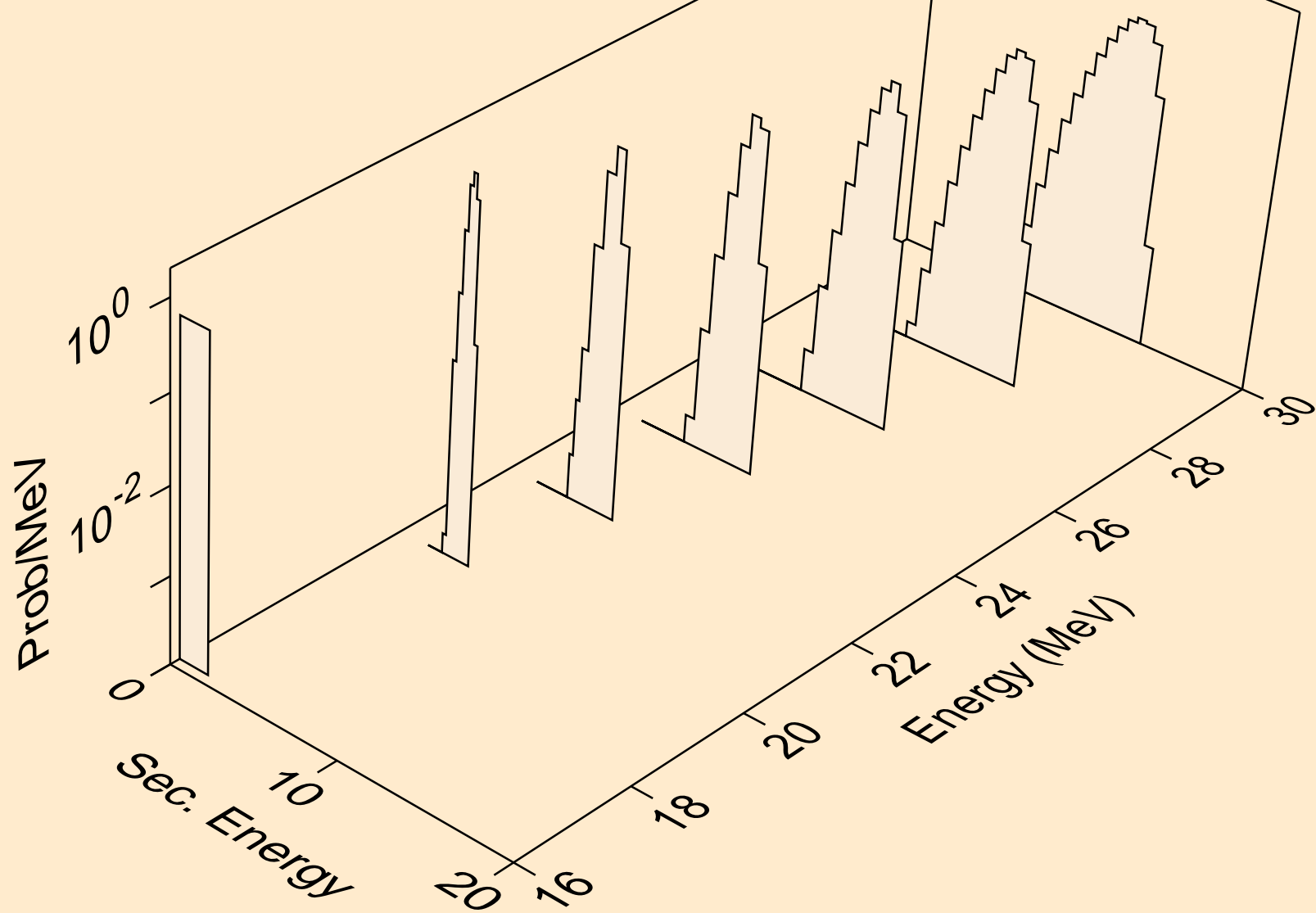


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deuterons from (n,x)

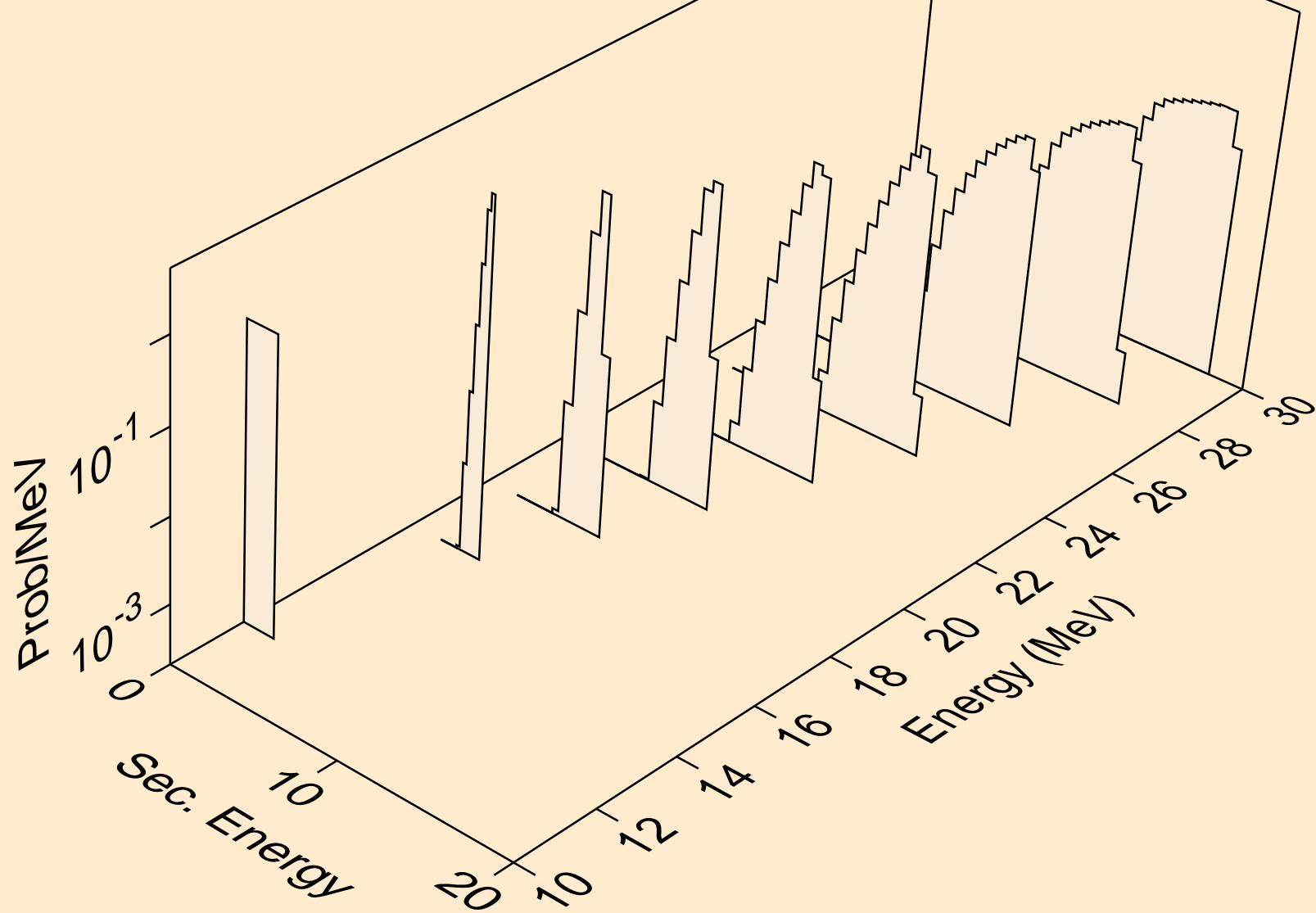




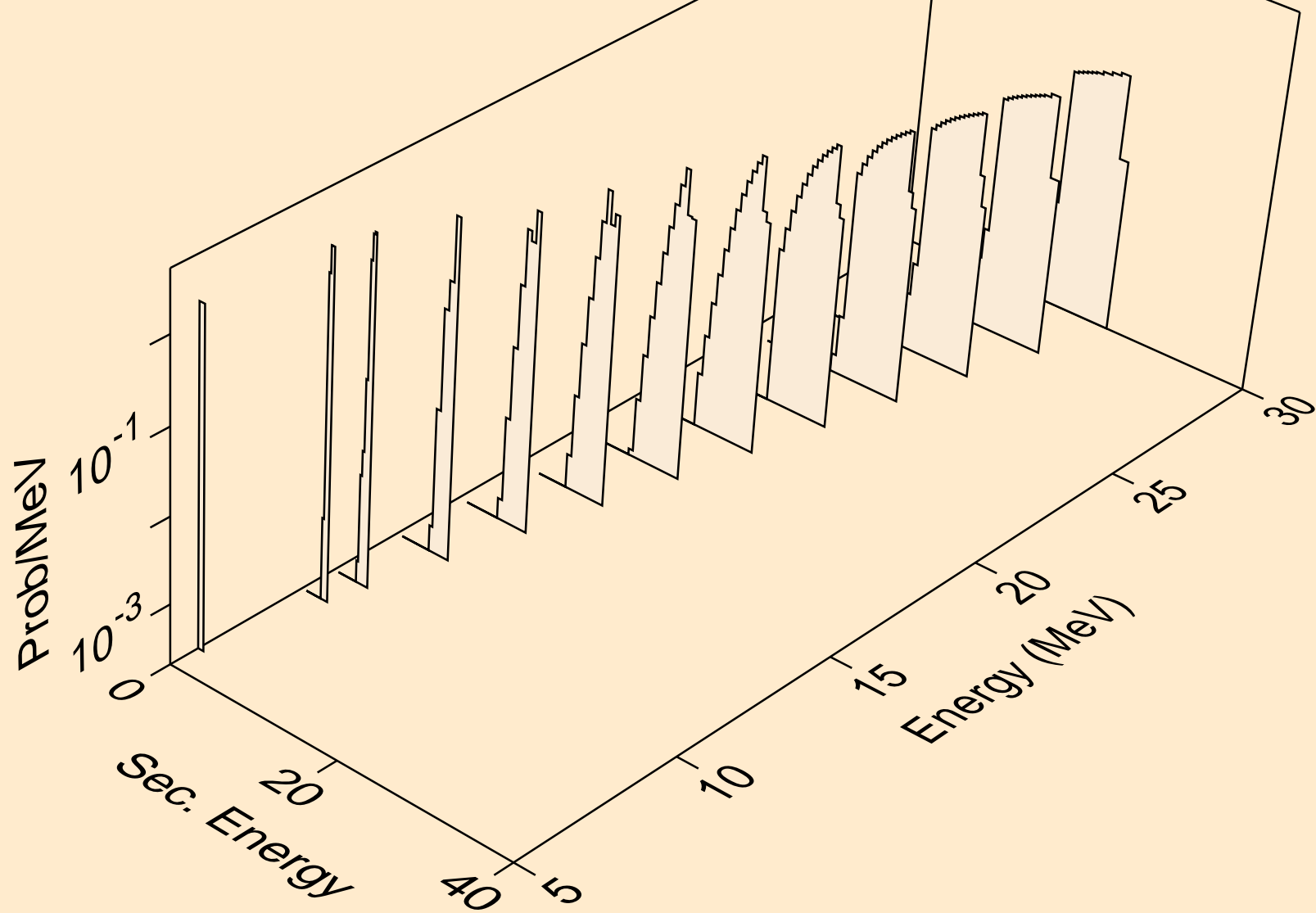
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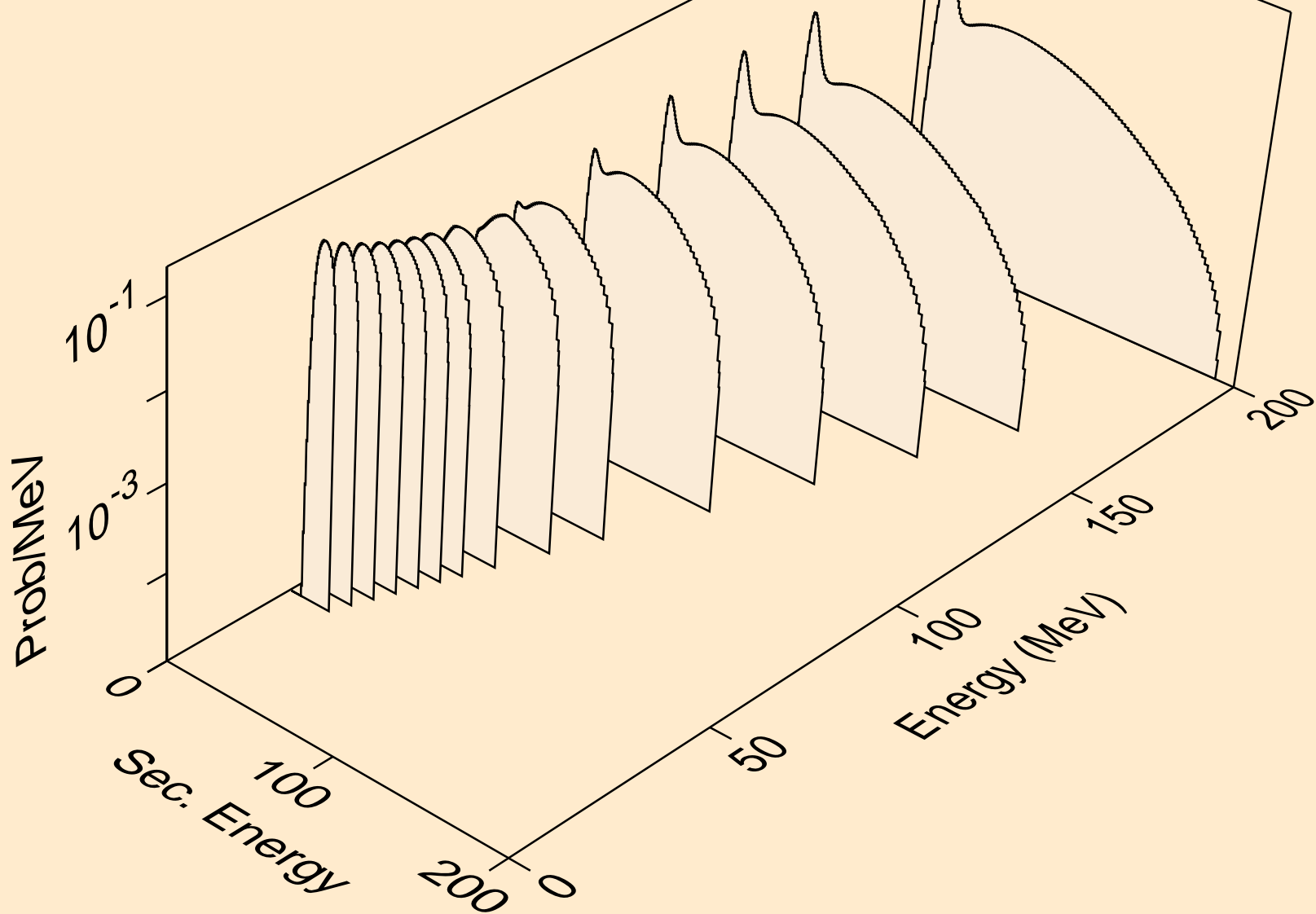
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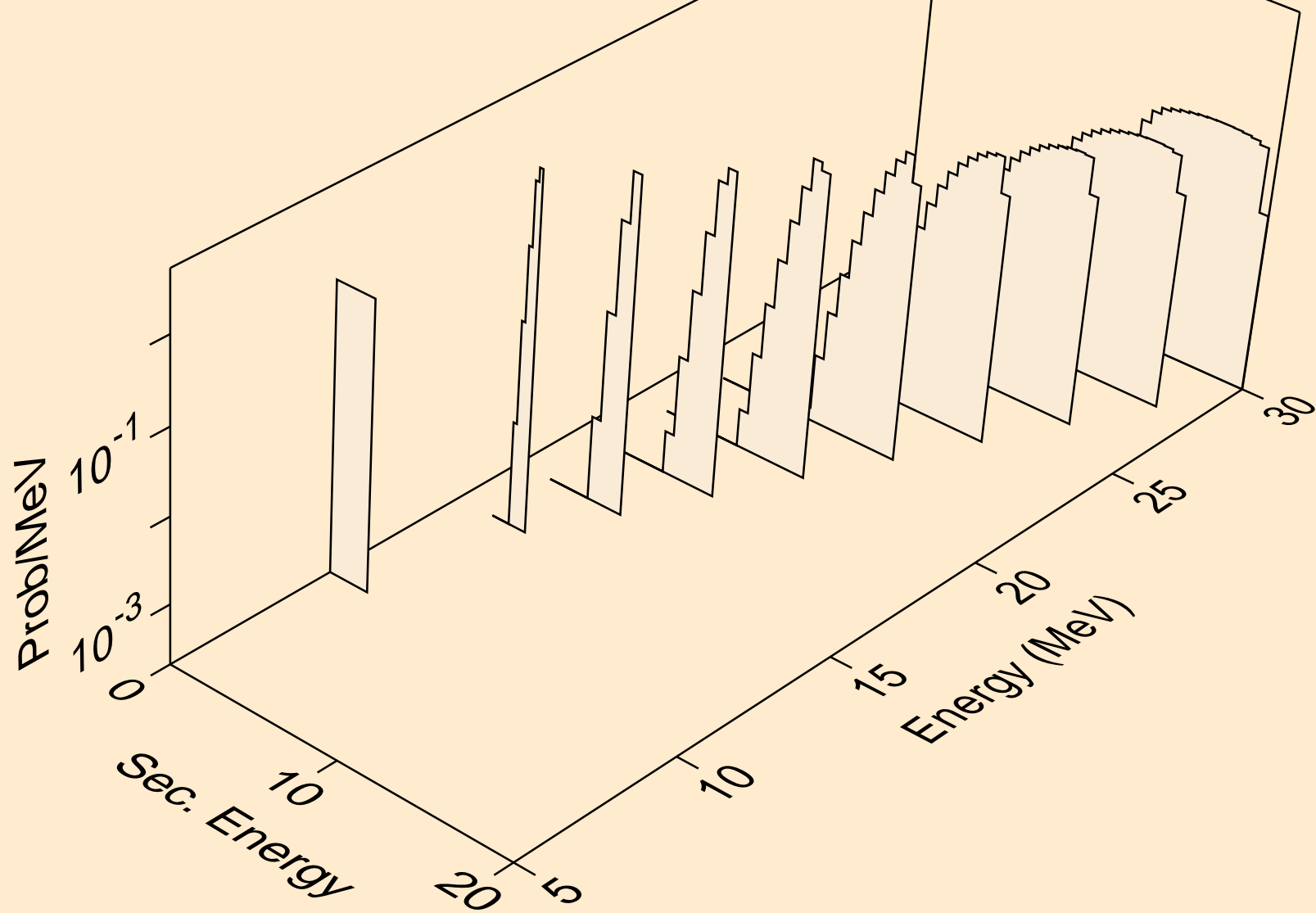
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deuterons from (n,d)



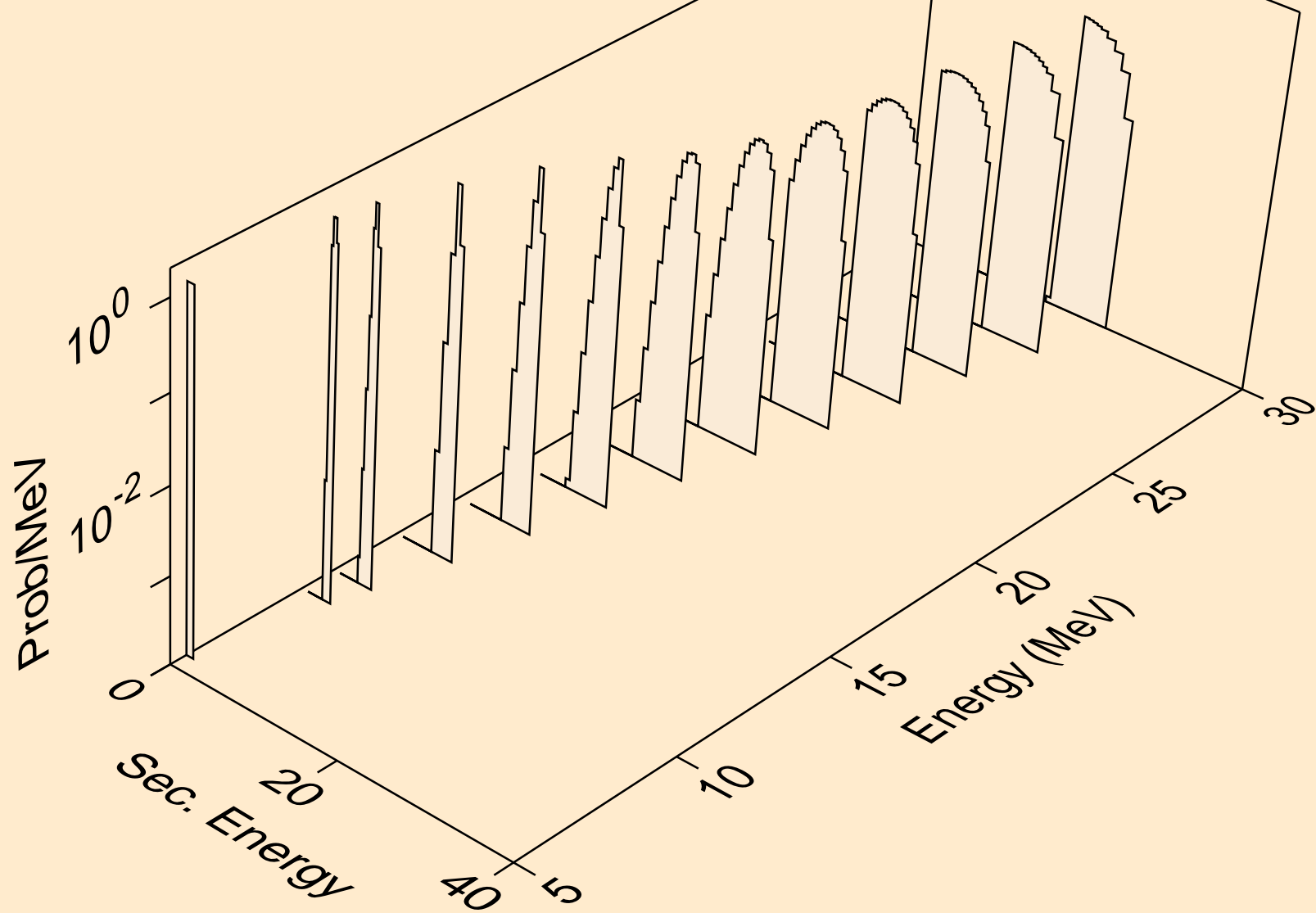
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tritons from (n,x)



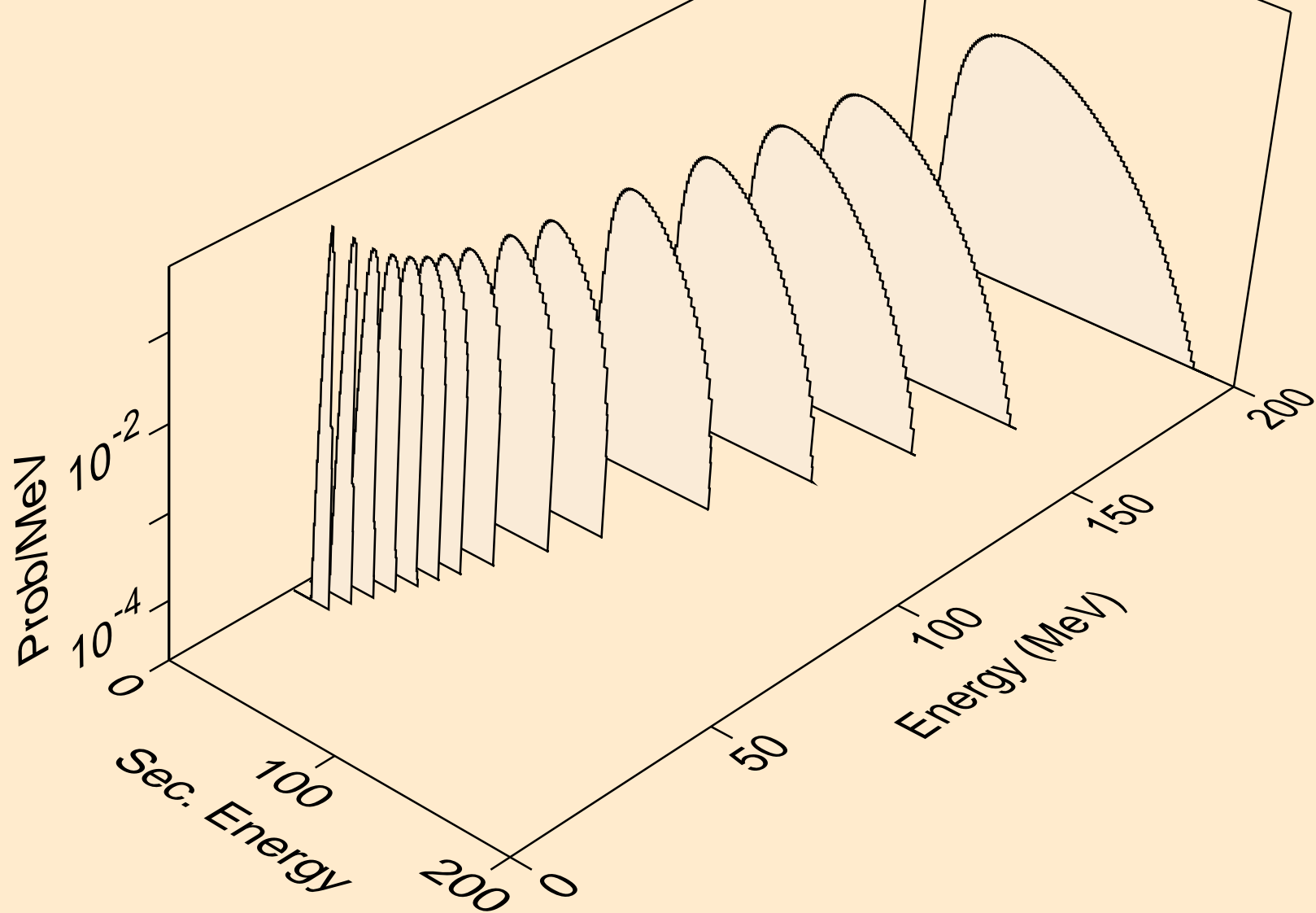
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tritons from (n,n\*)t



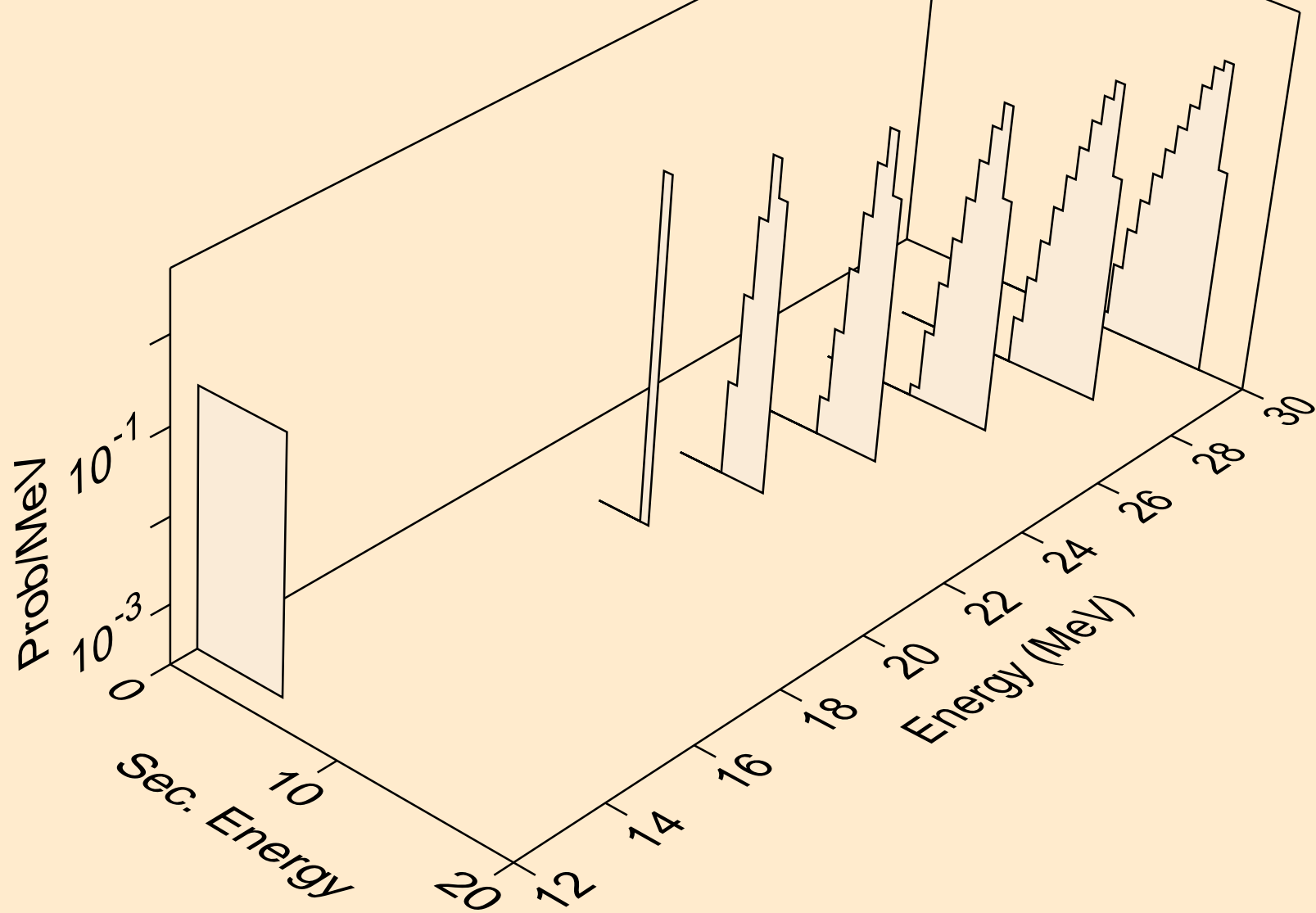
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tritons from (n,t)



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

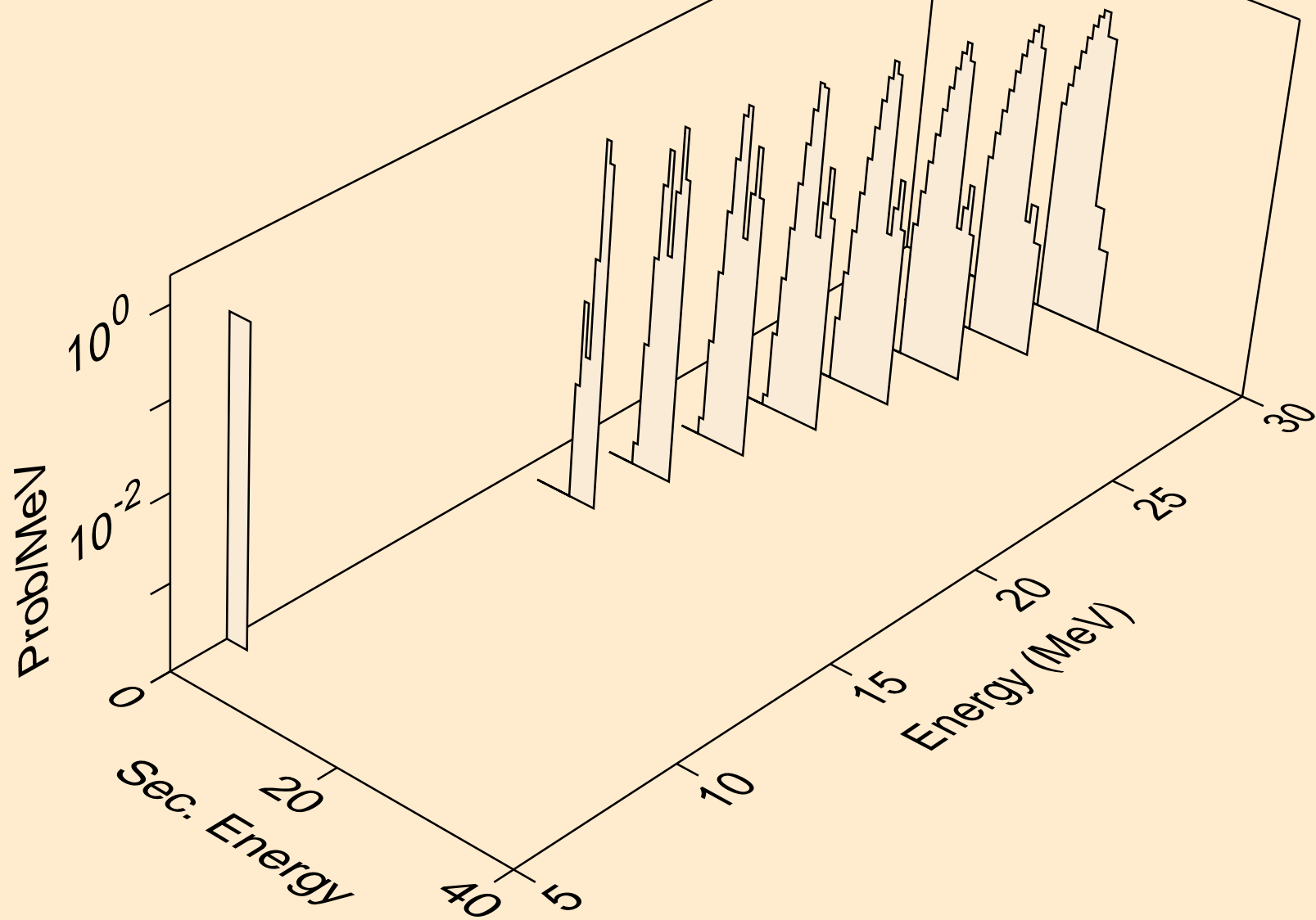


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he3s from (n,n\*)he3

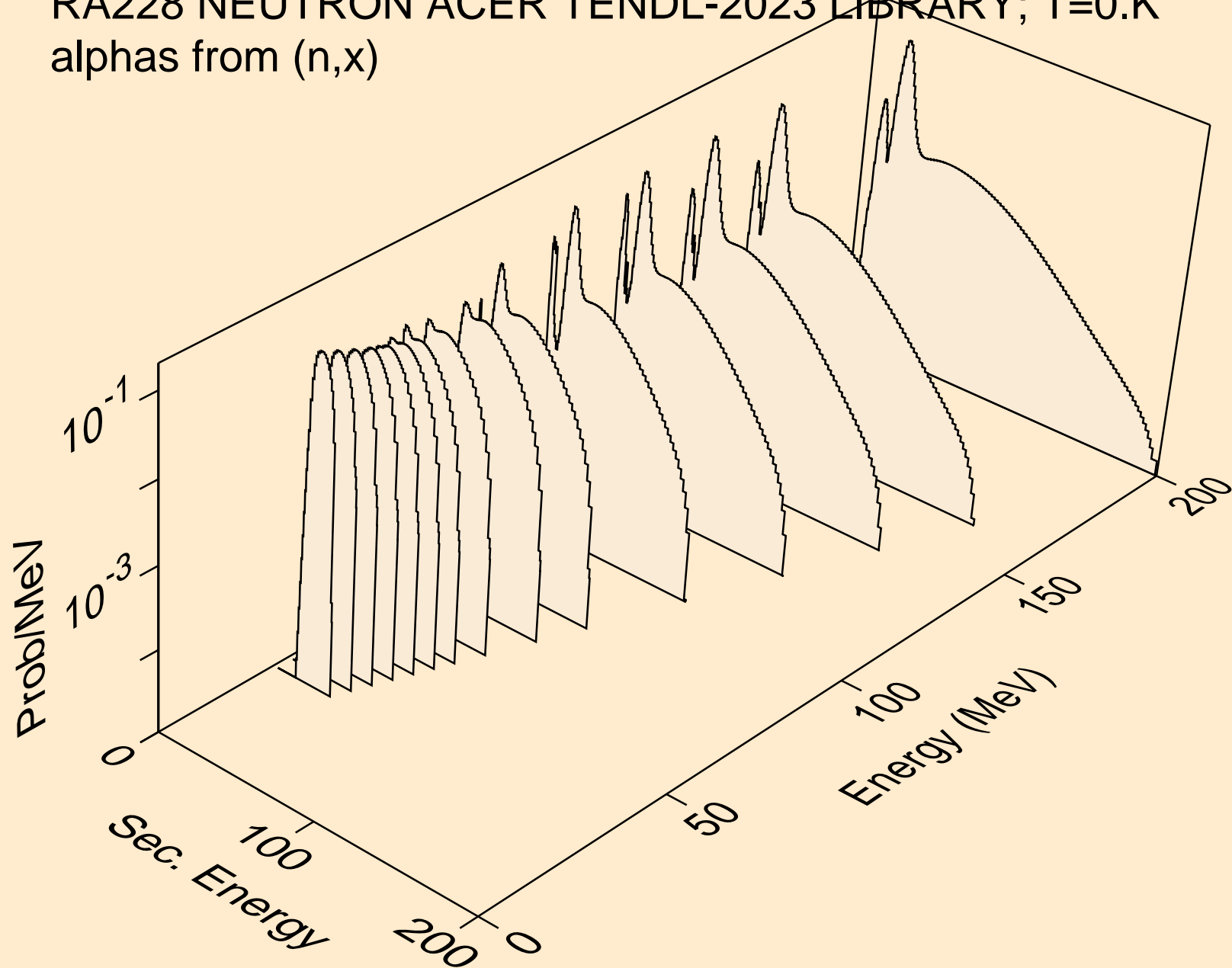




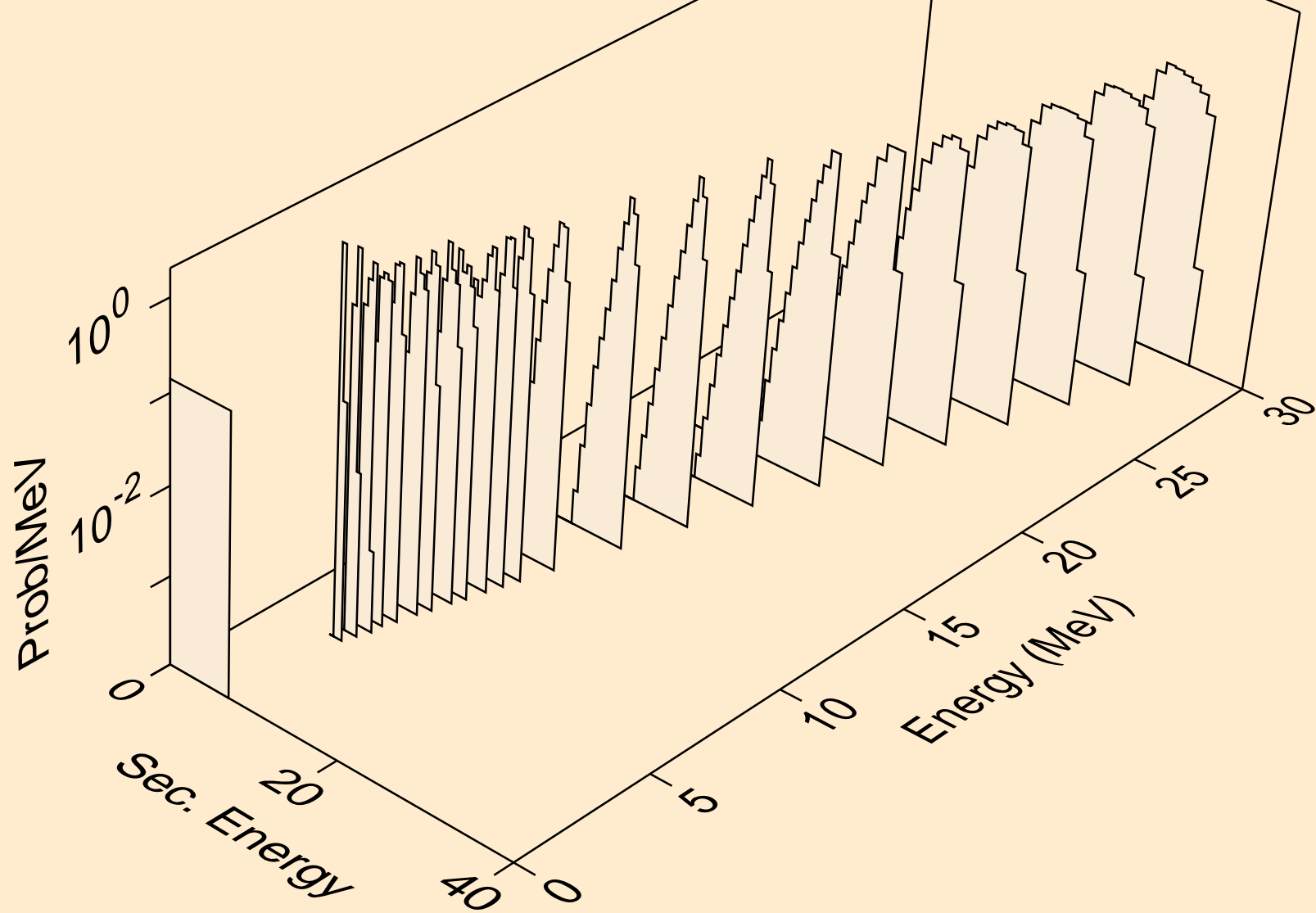
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he3s from (n,he3)



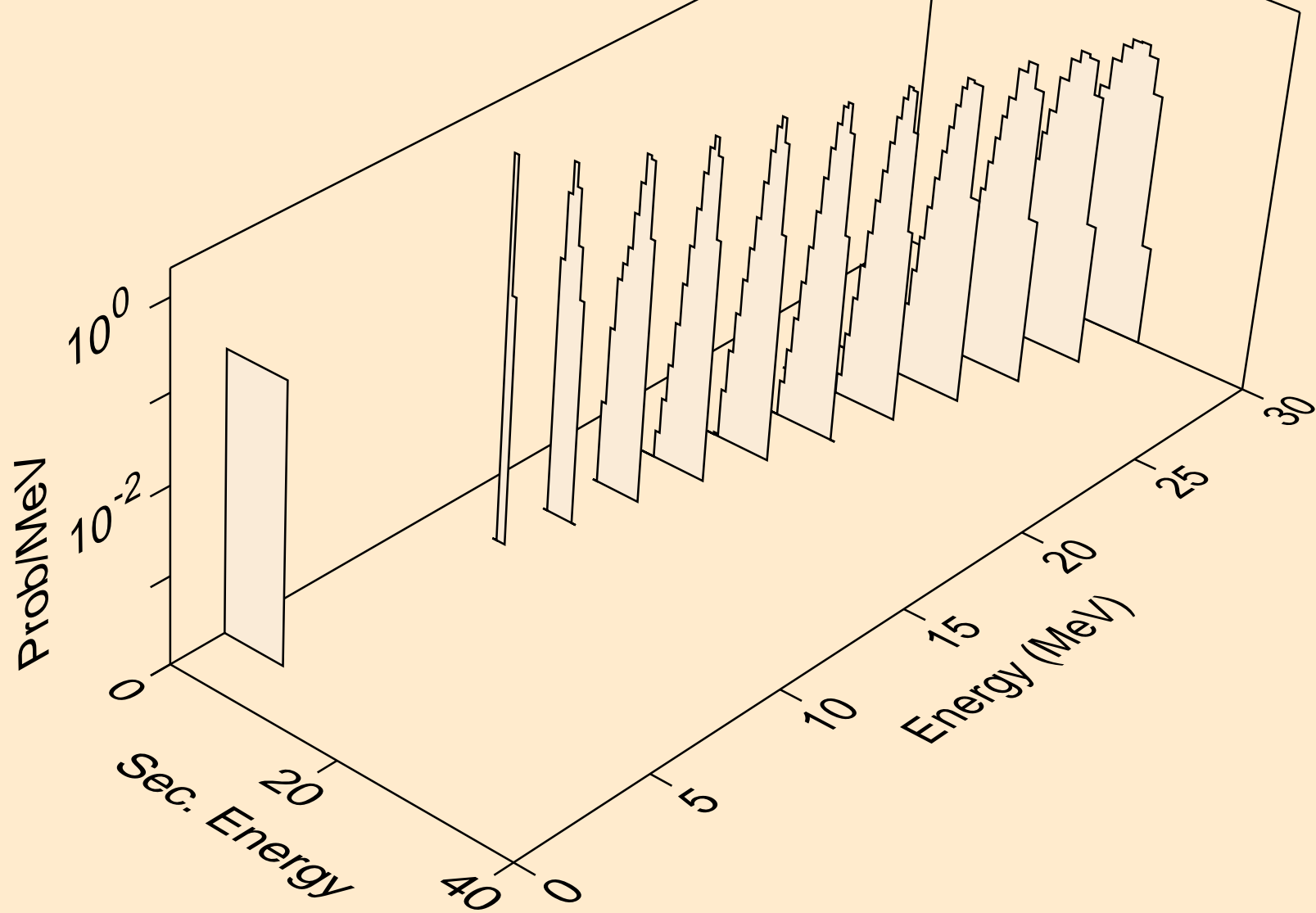
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alphas from (n,x)



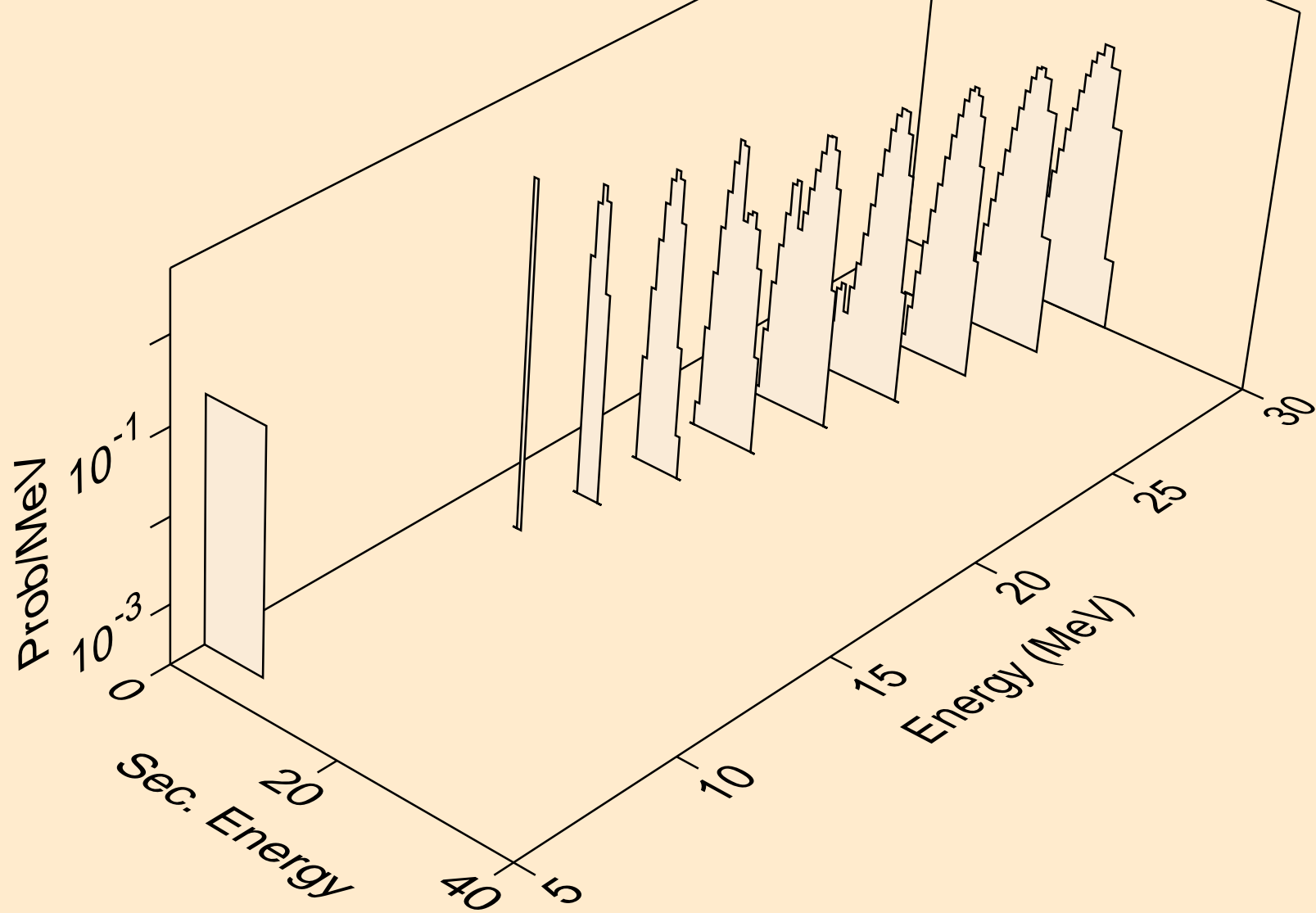
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alphas from (n,n\*)a



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



RA228 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

