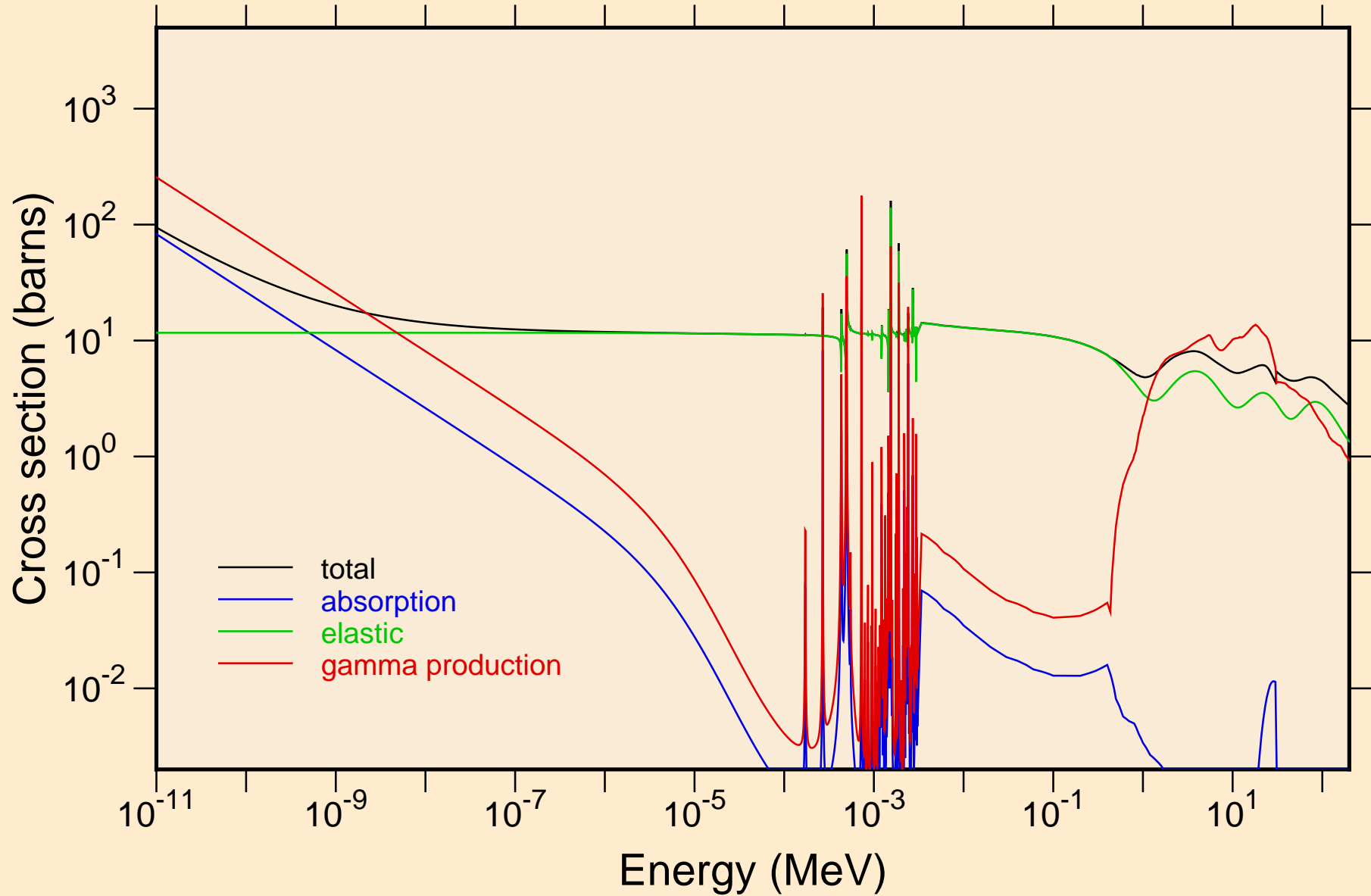
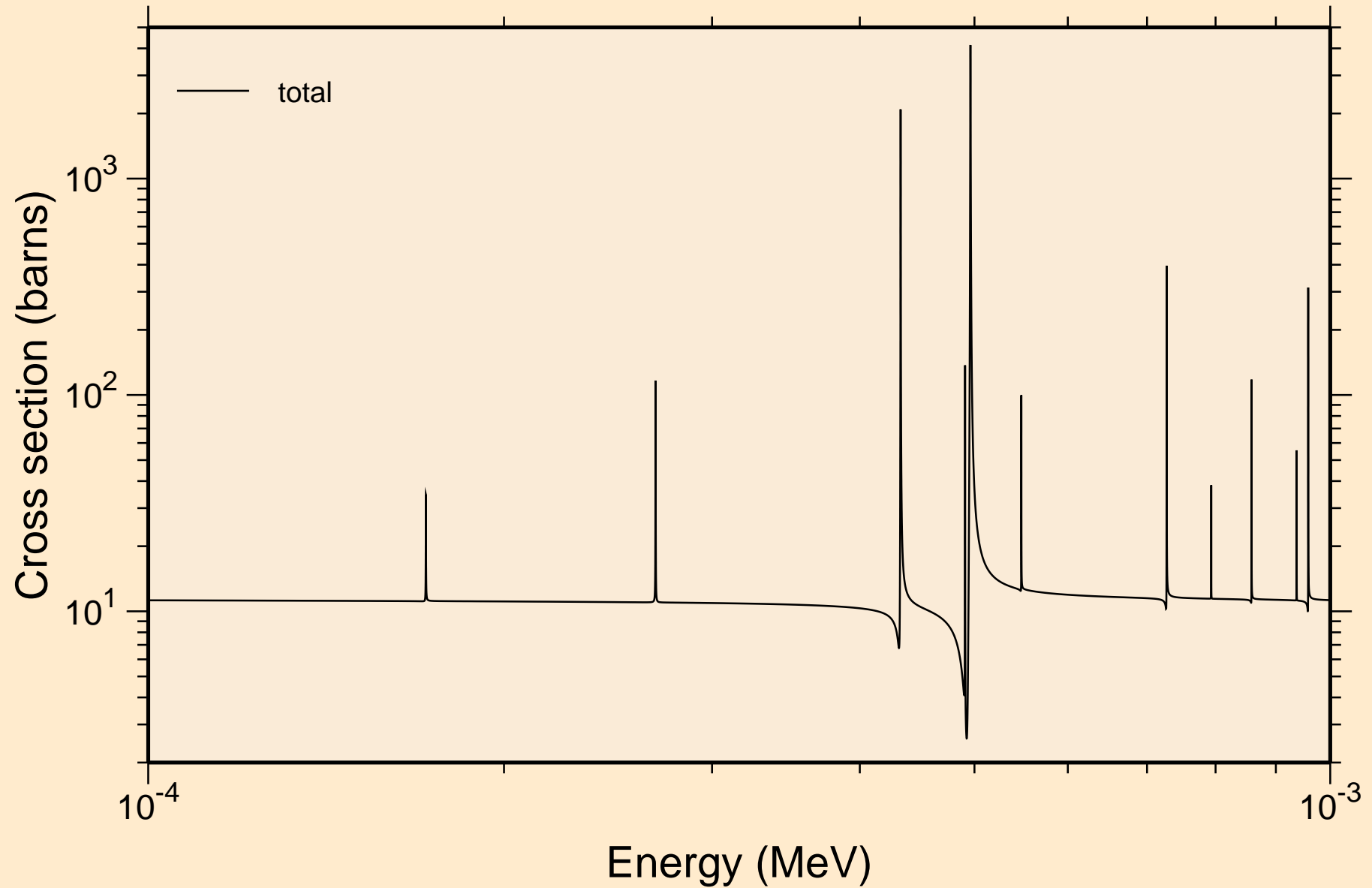


# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

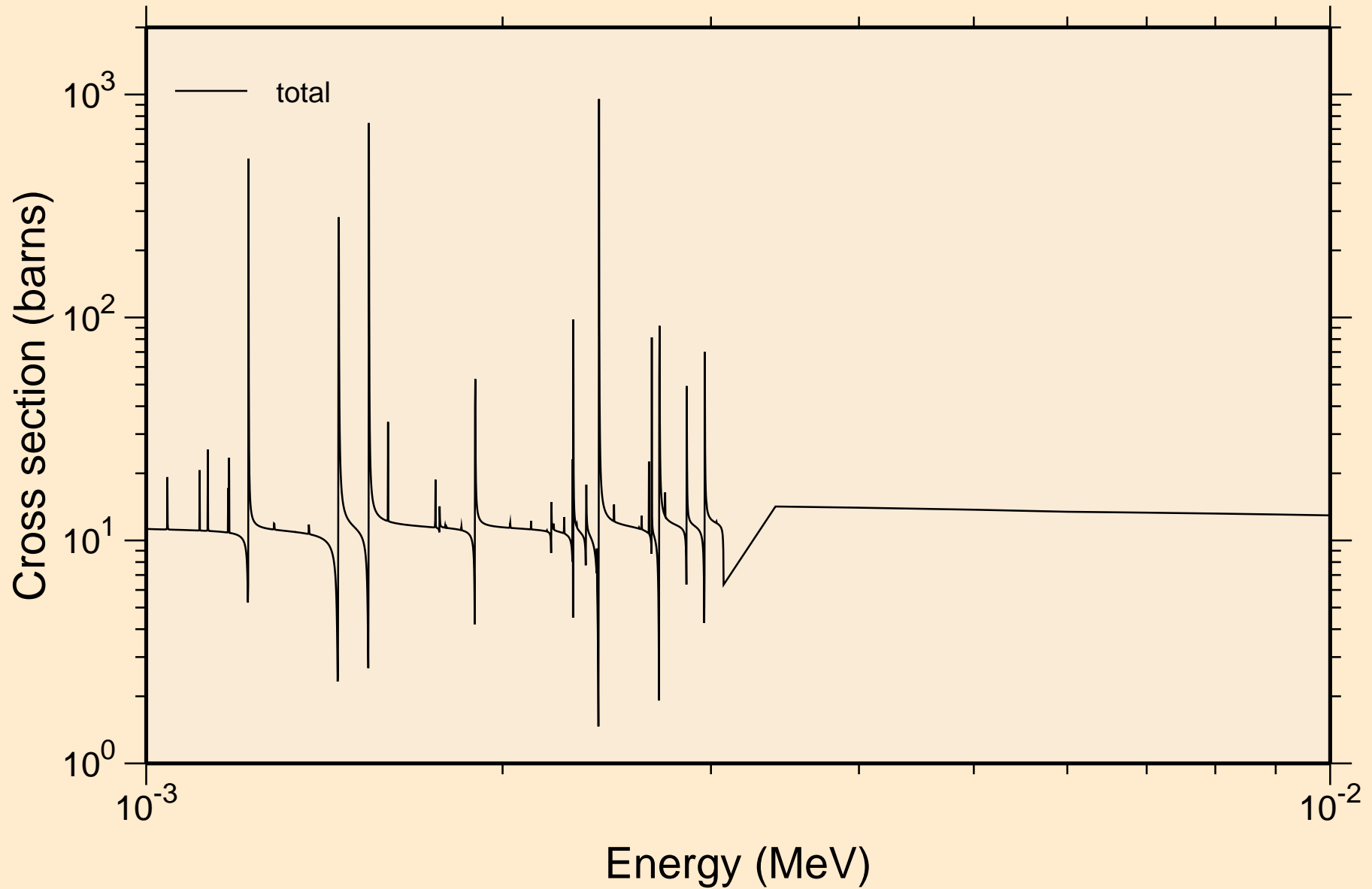
## Principal cross sections



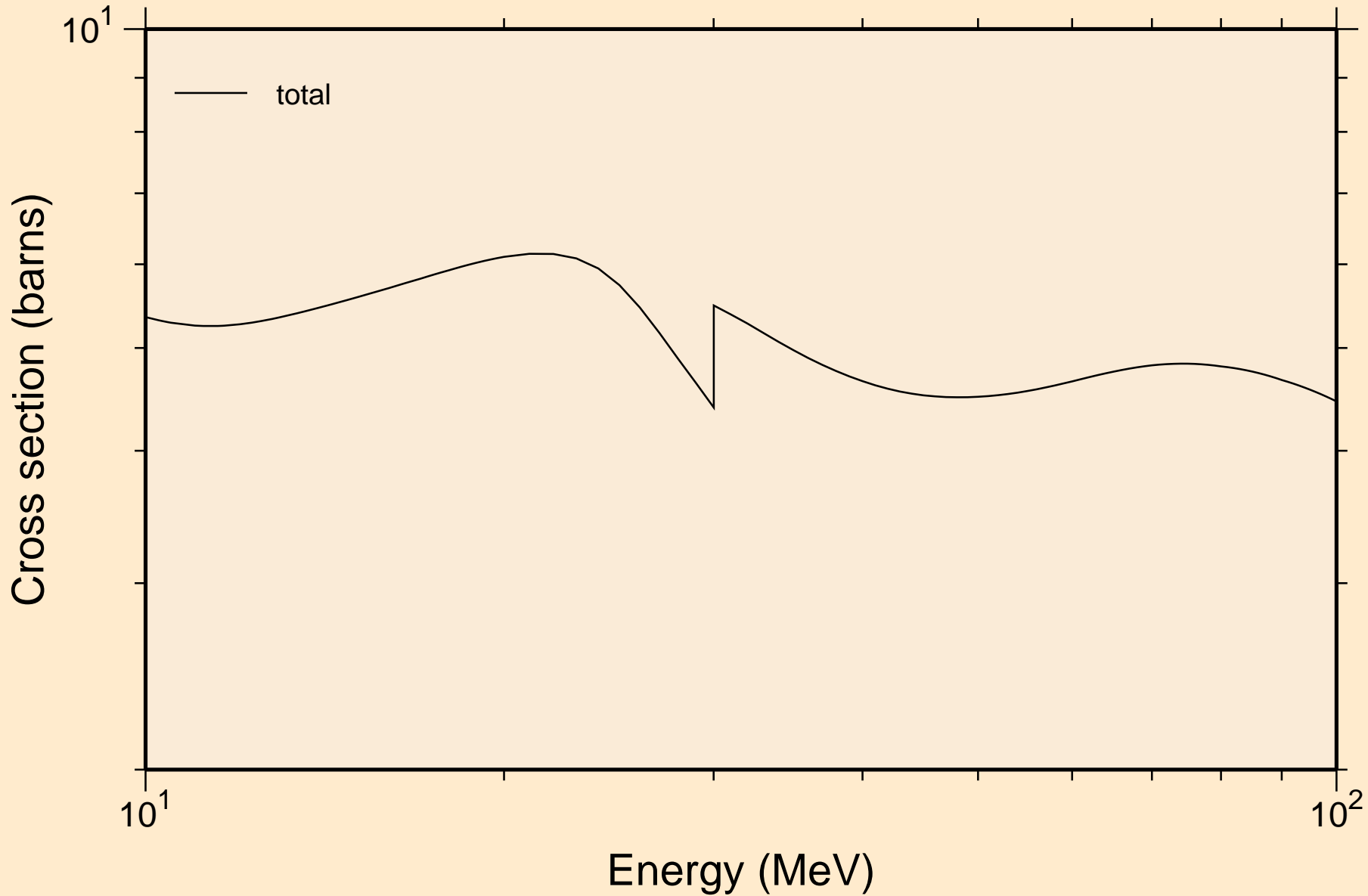
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section

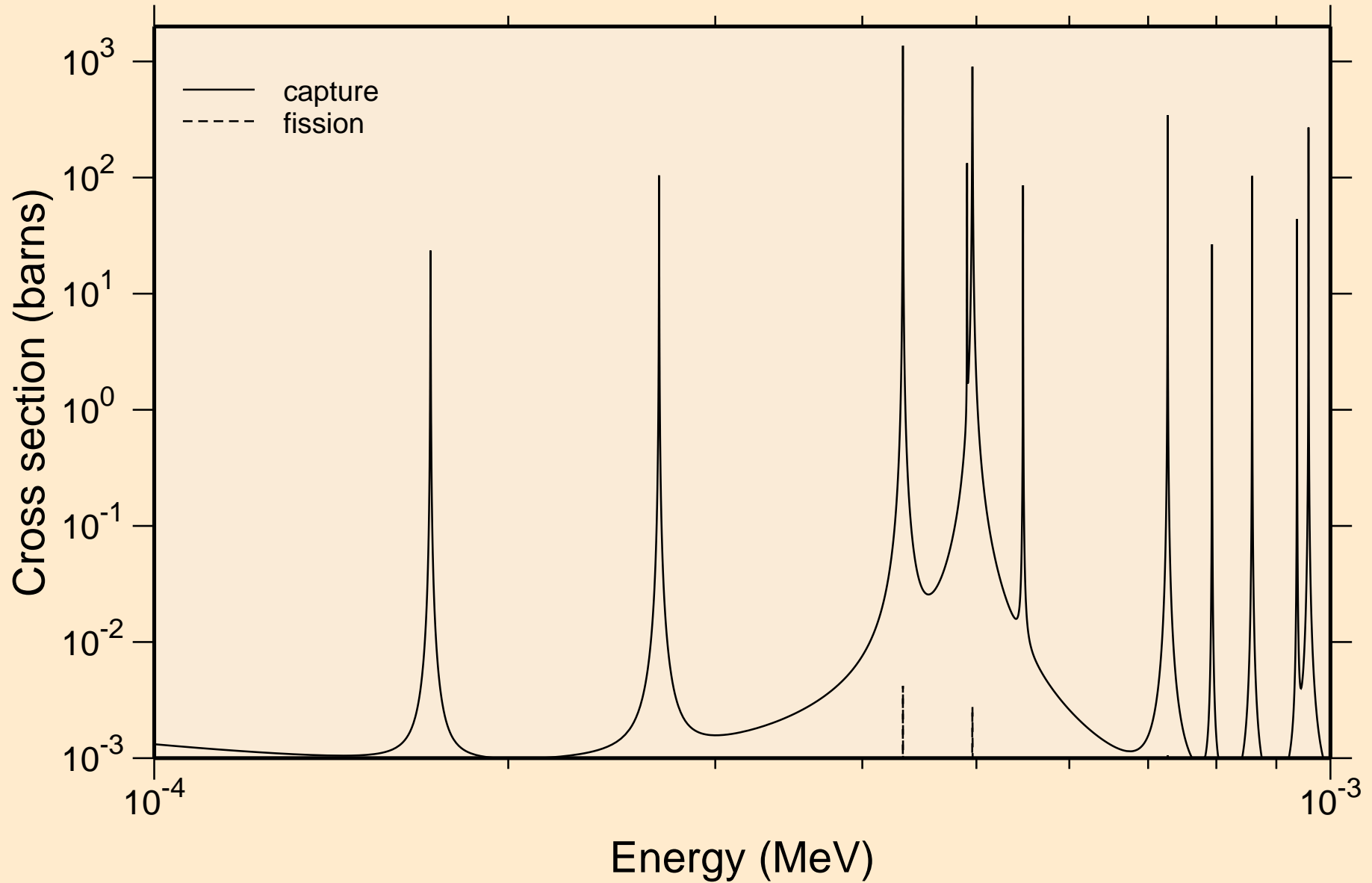


RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section

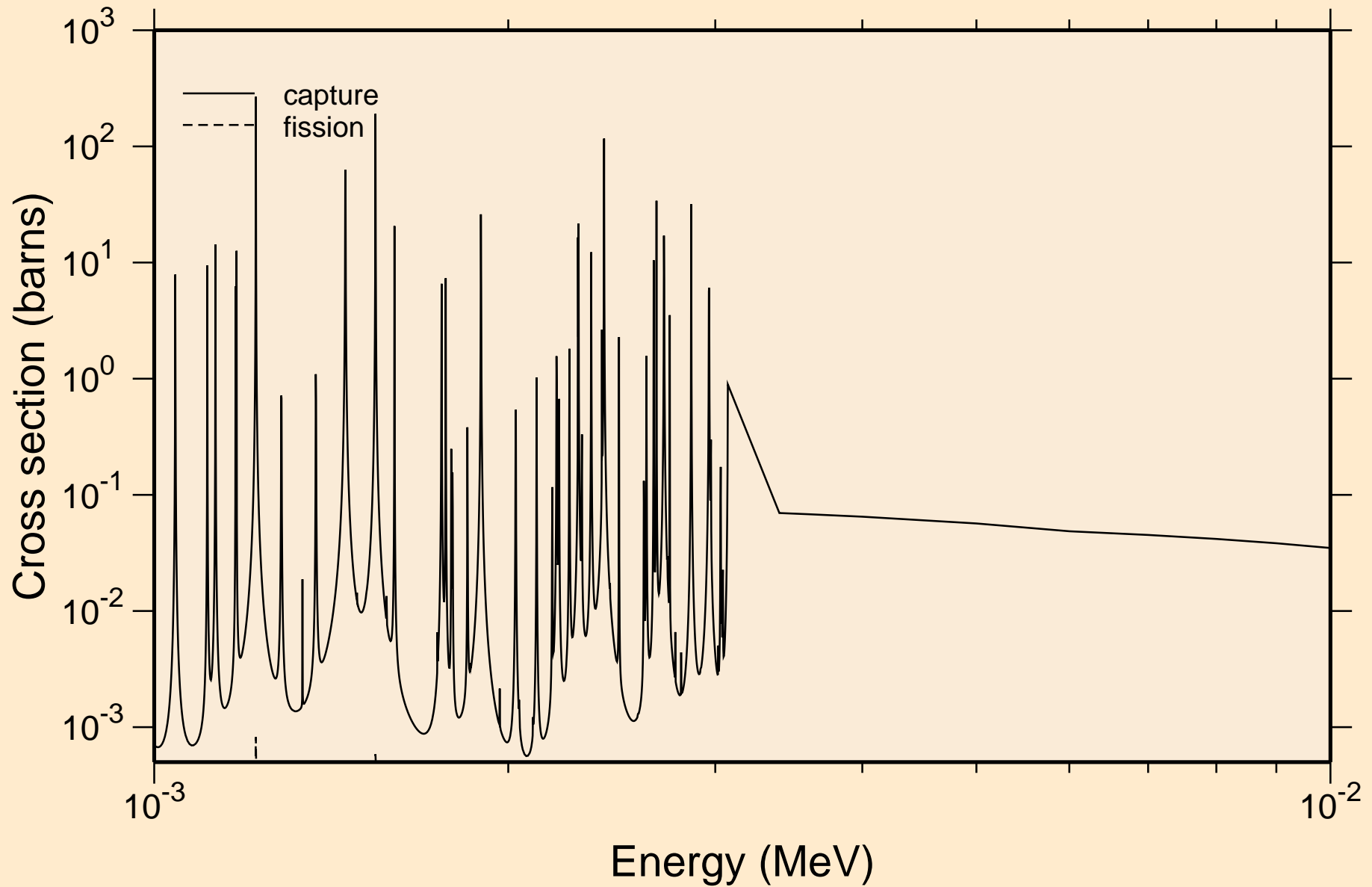


# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

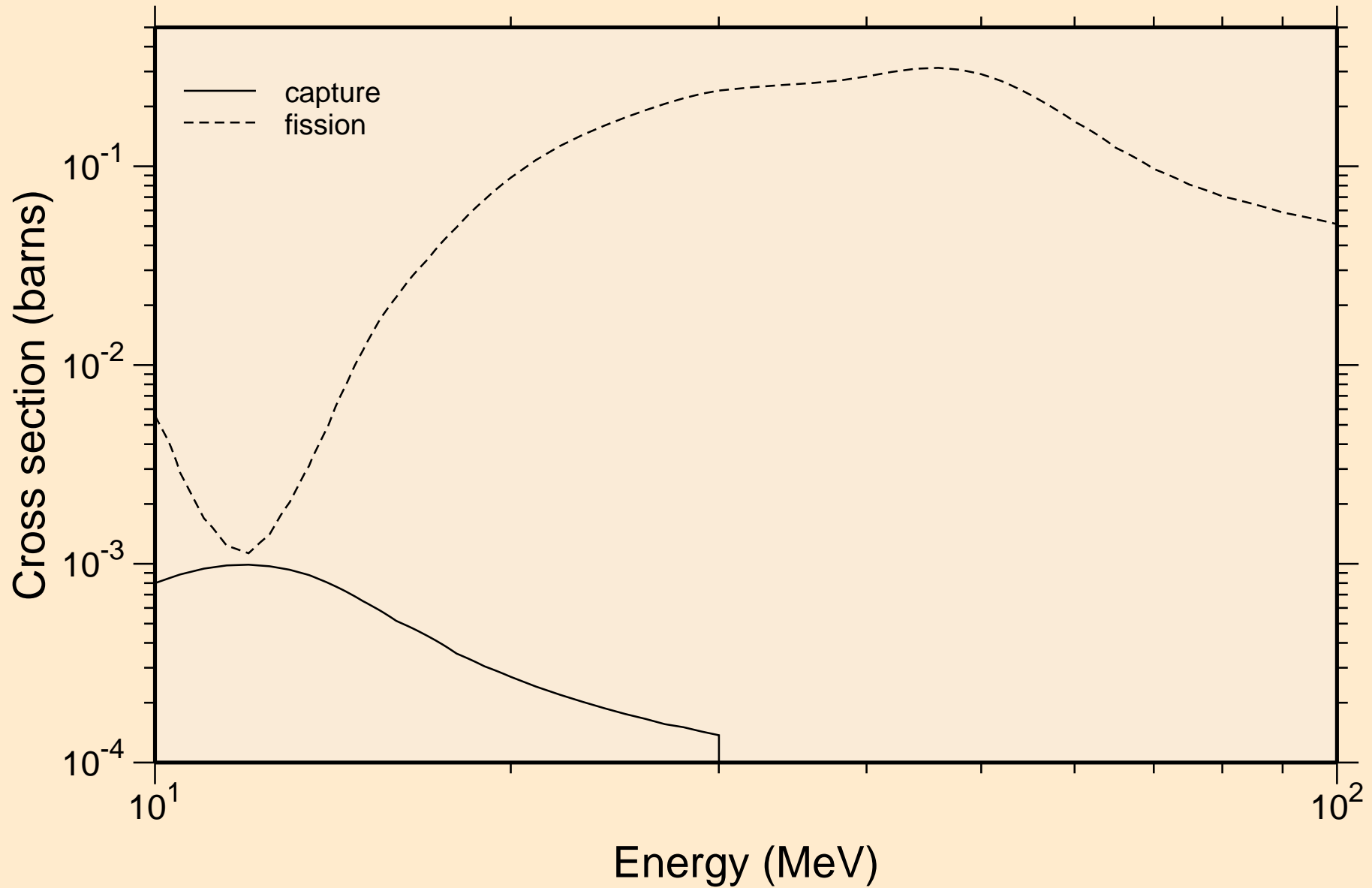
## resonance absorption cross sections



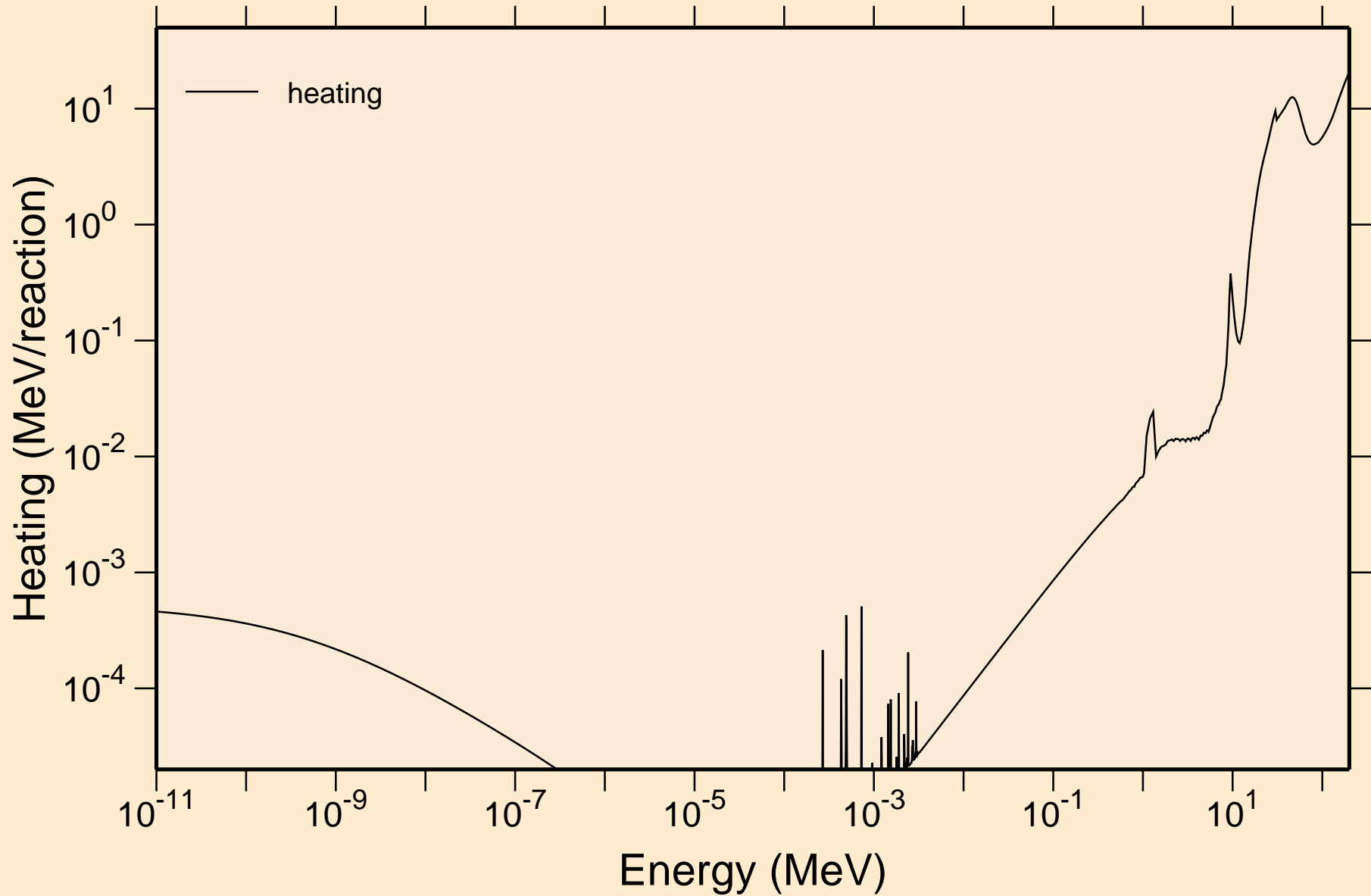
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

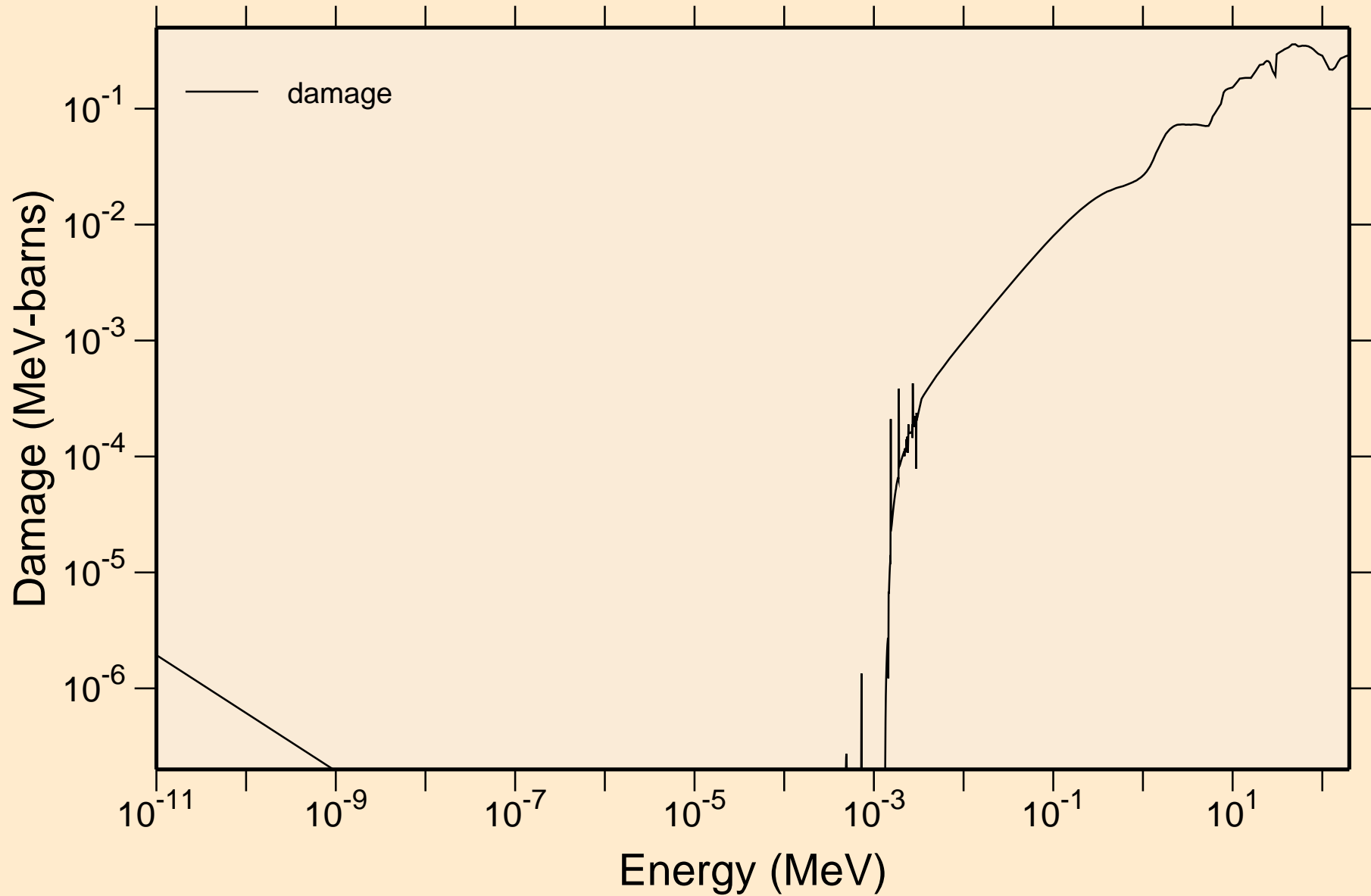


RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

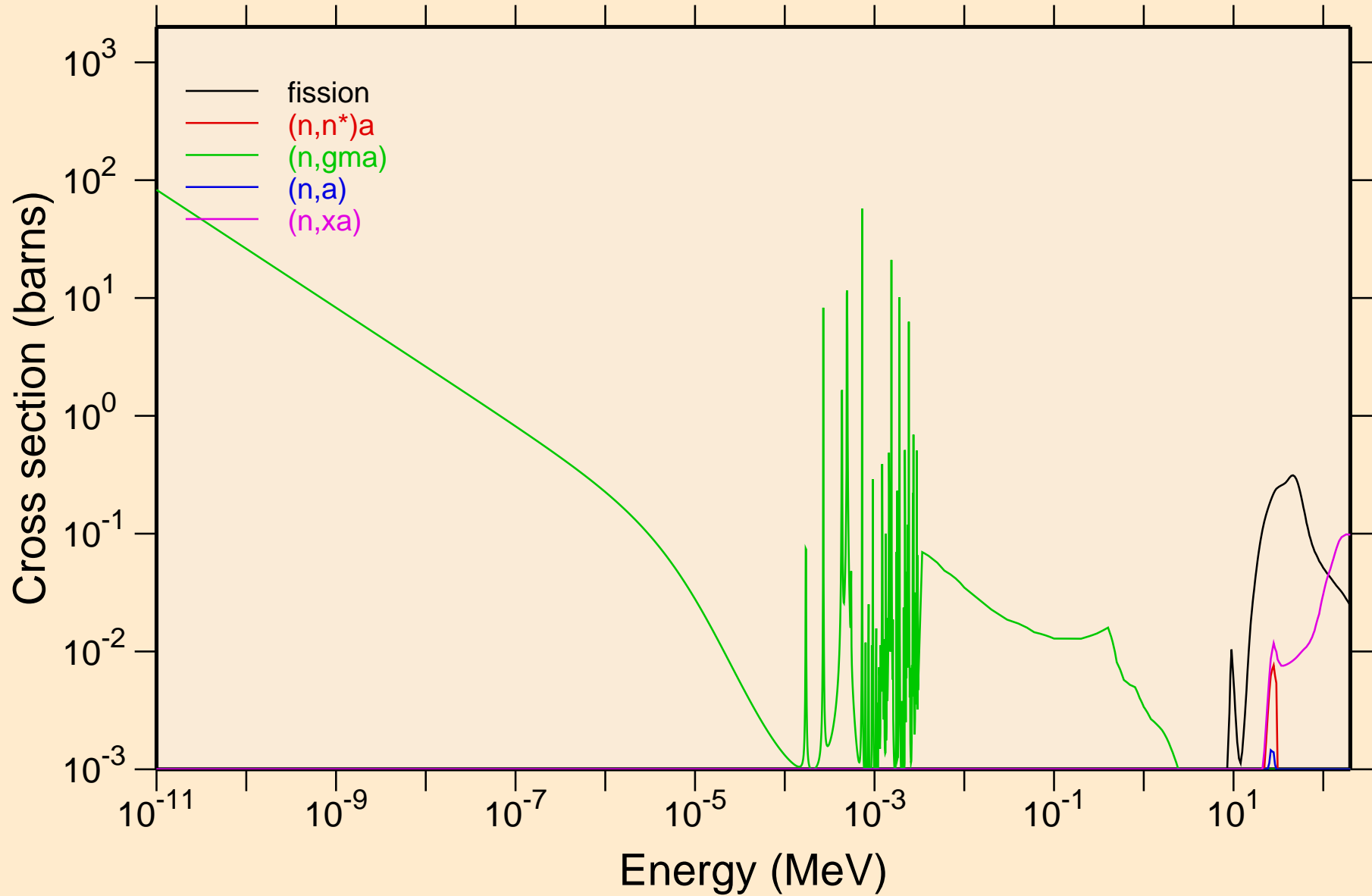


# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

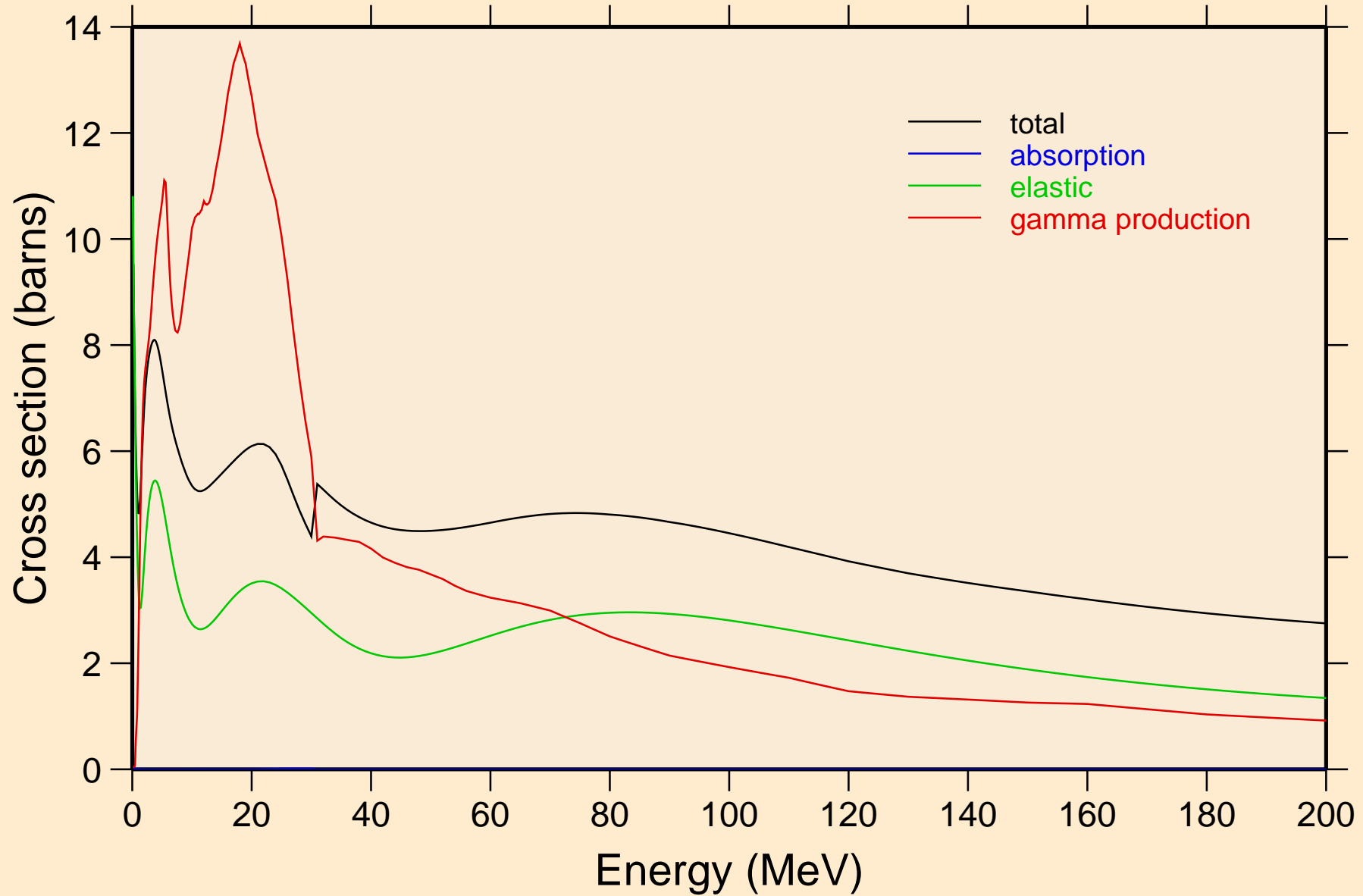


RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



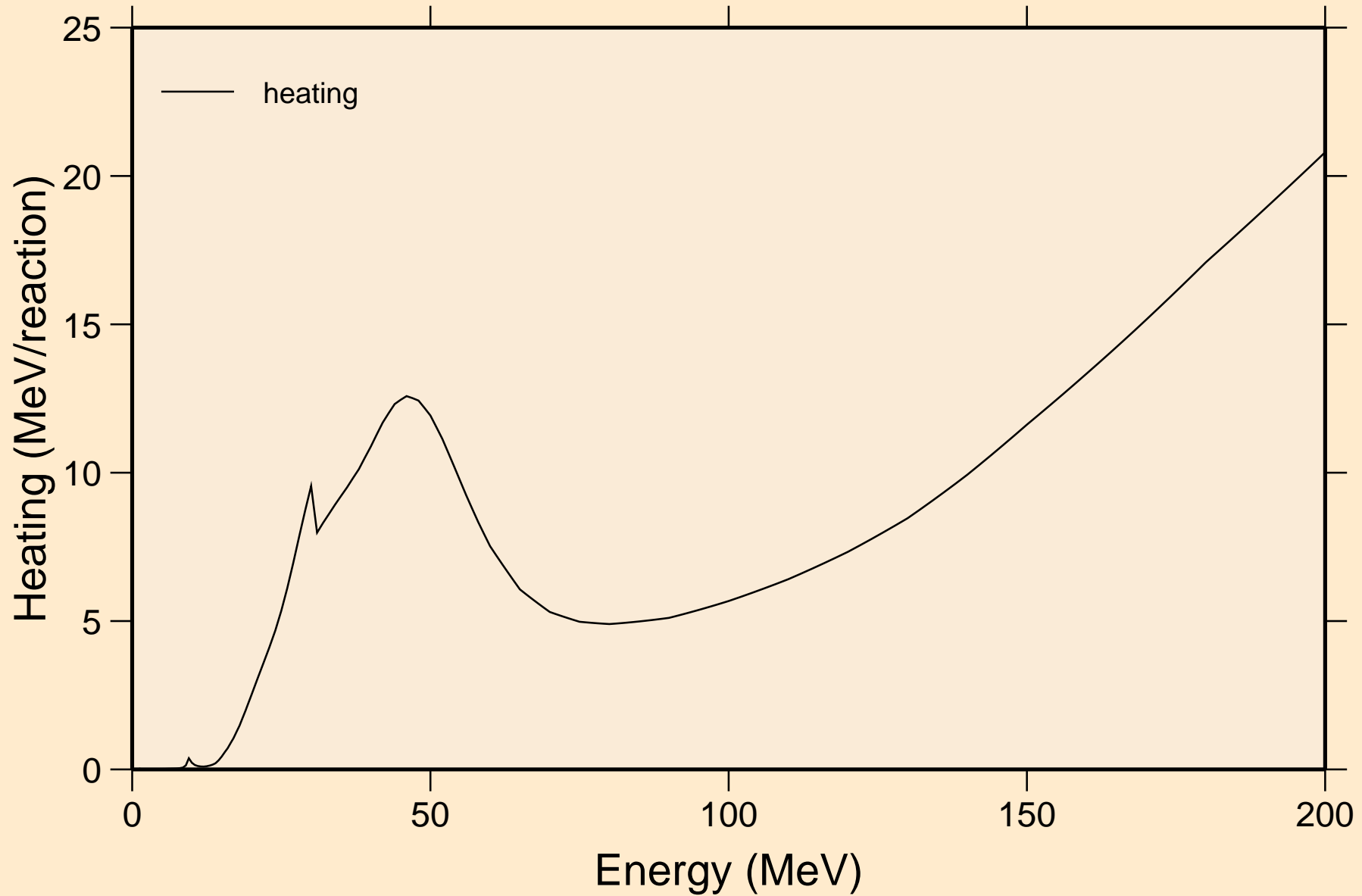
# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



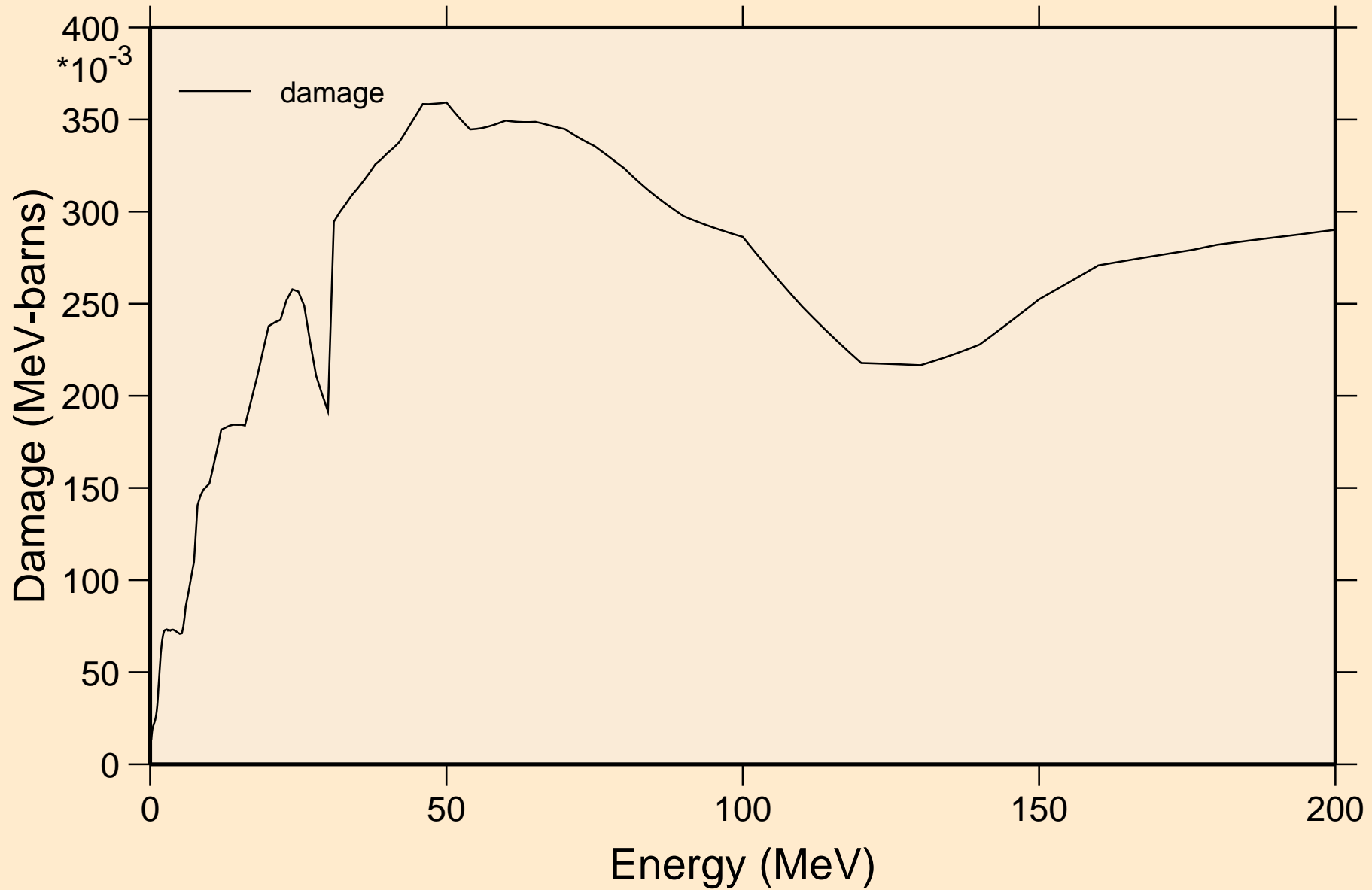
# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



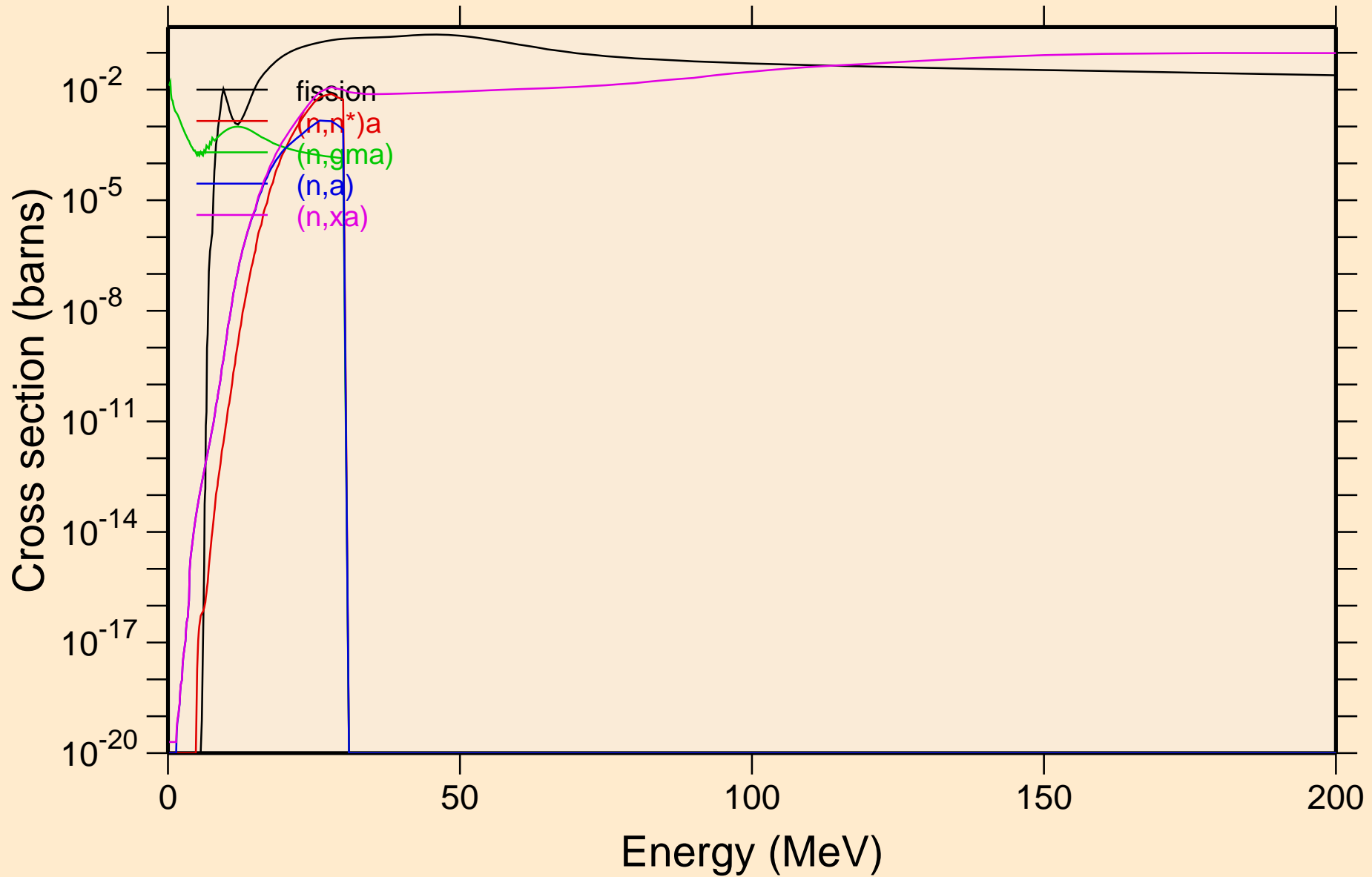
# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

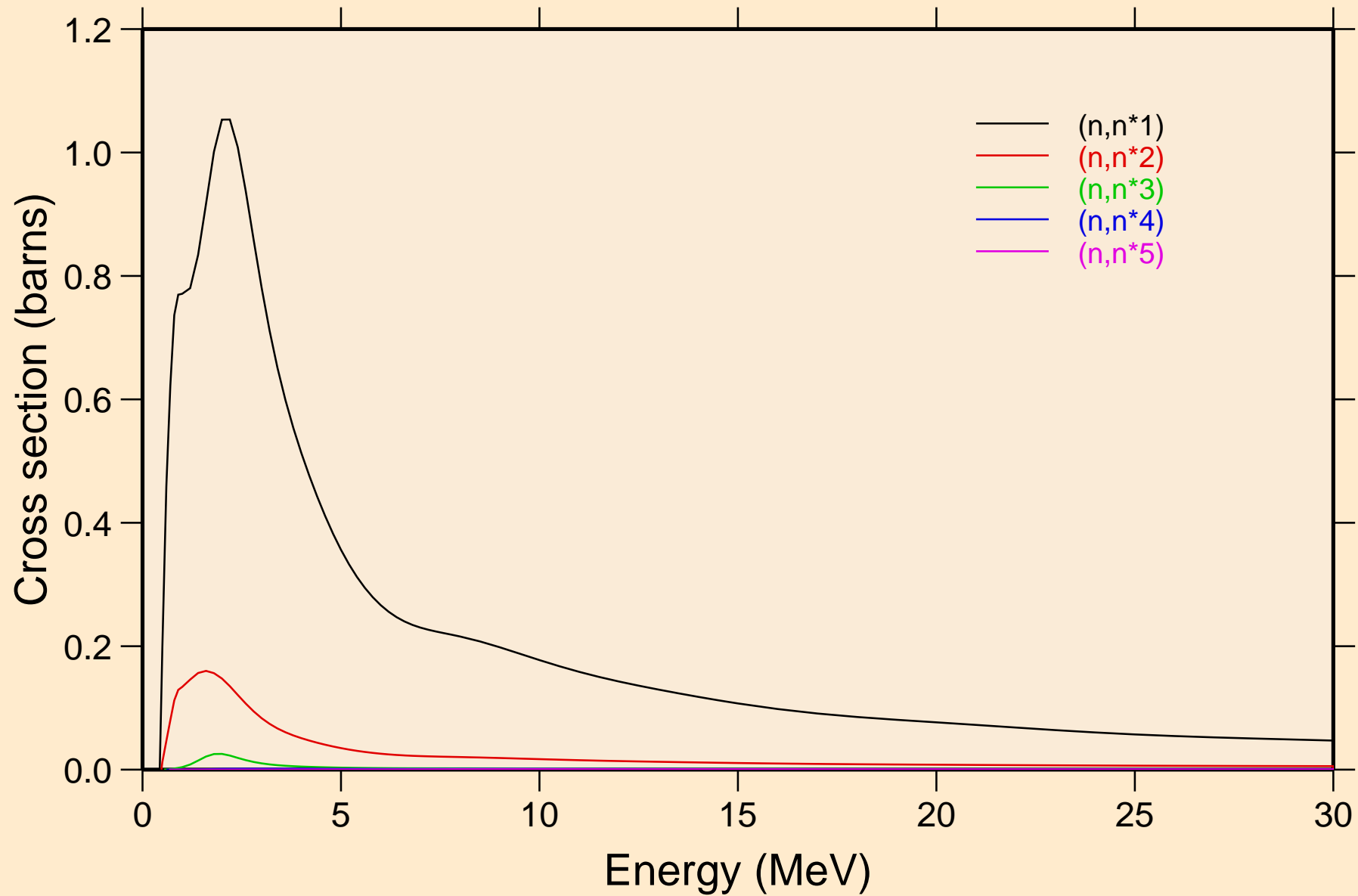


# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

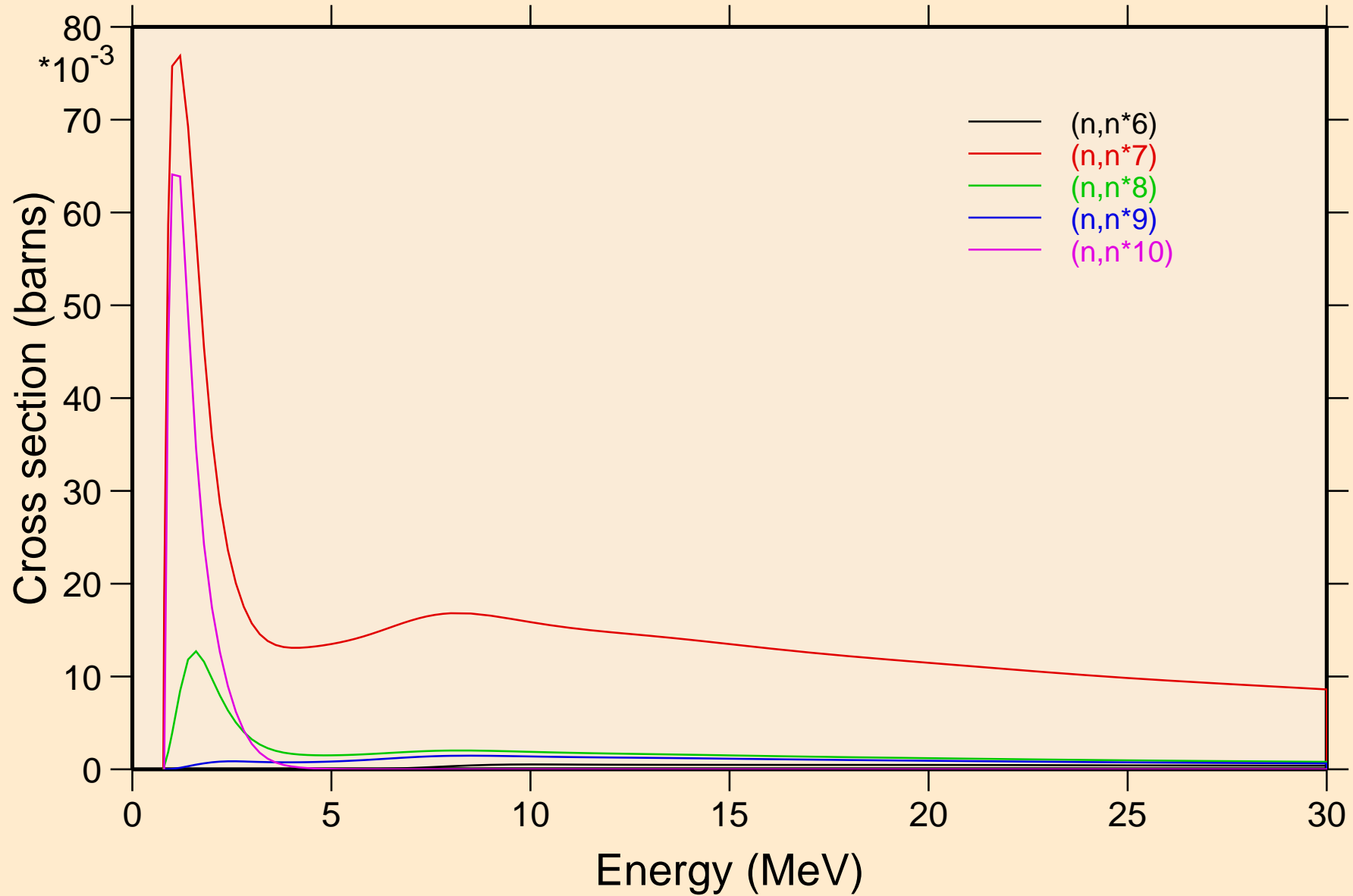


RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



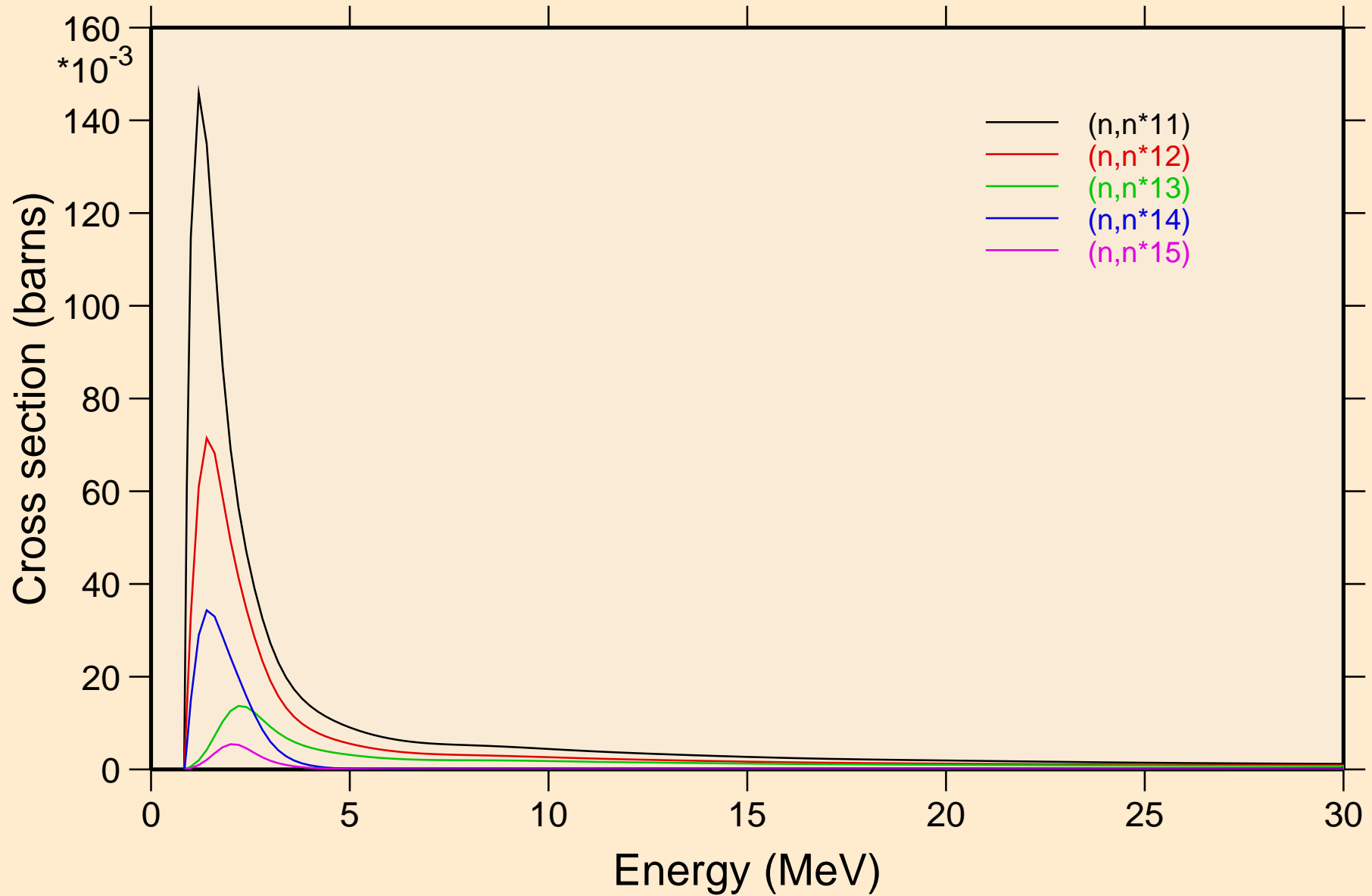
# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



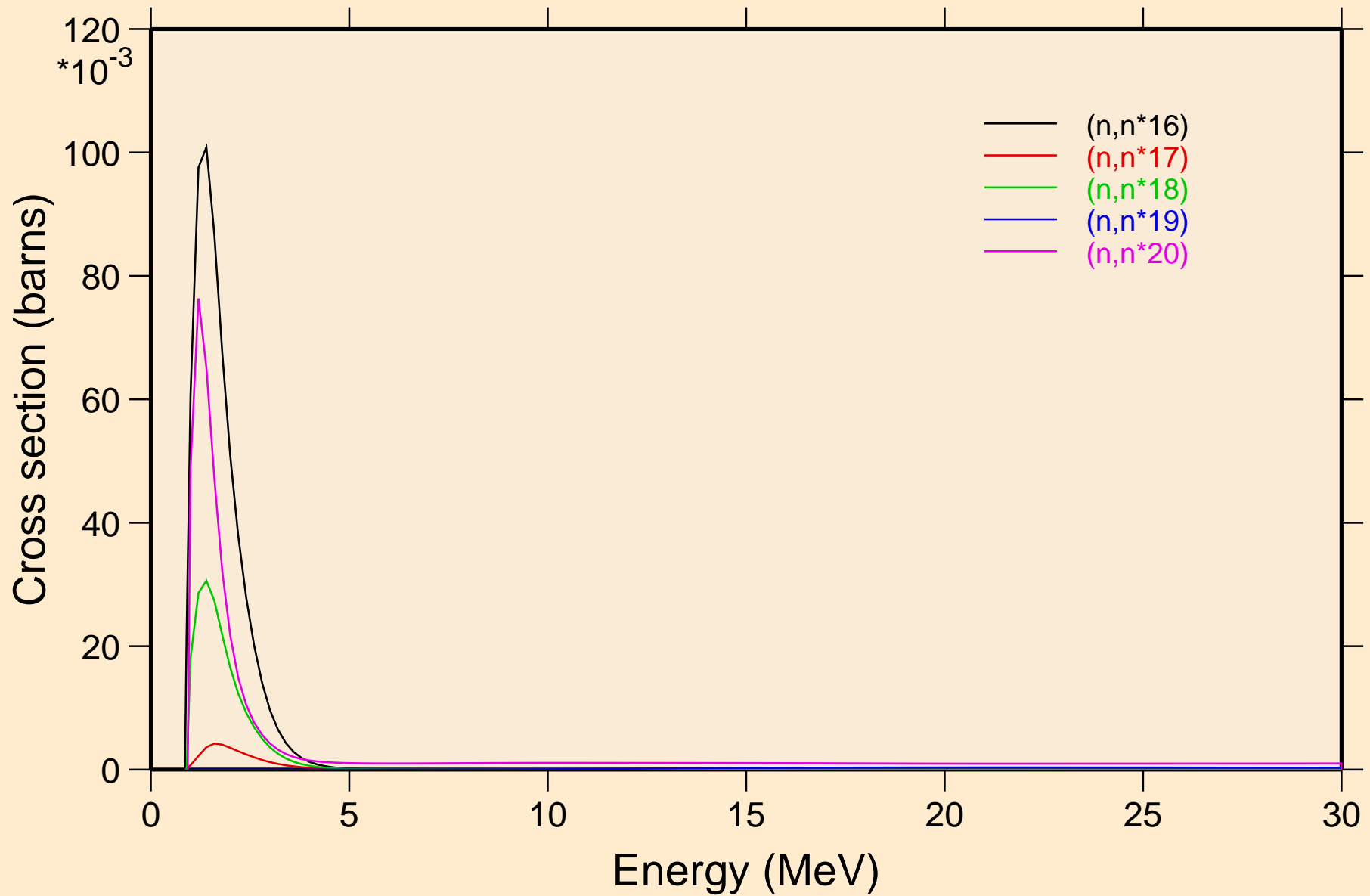
# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

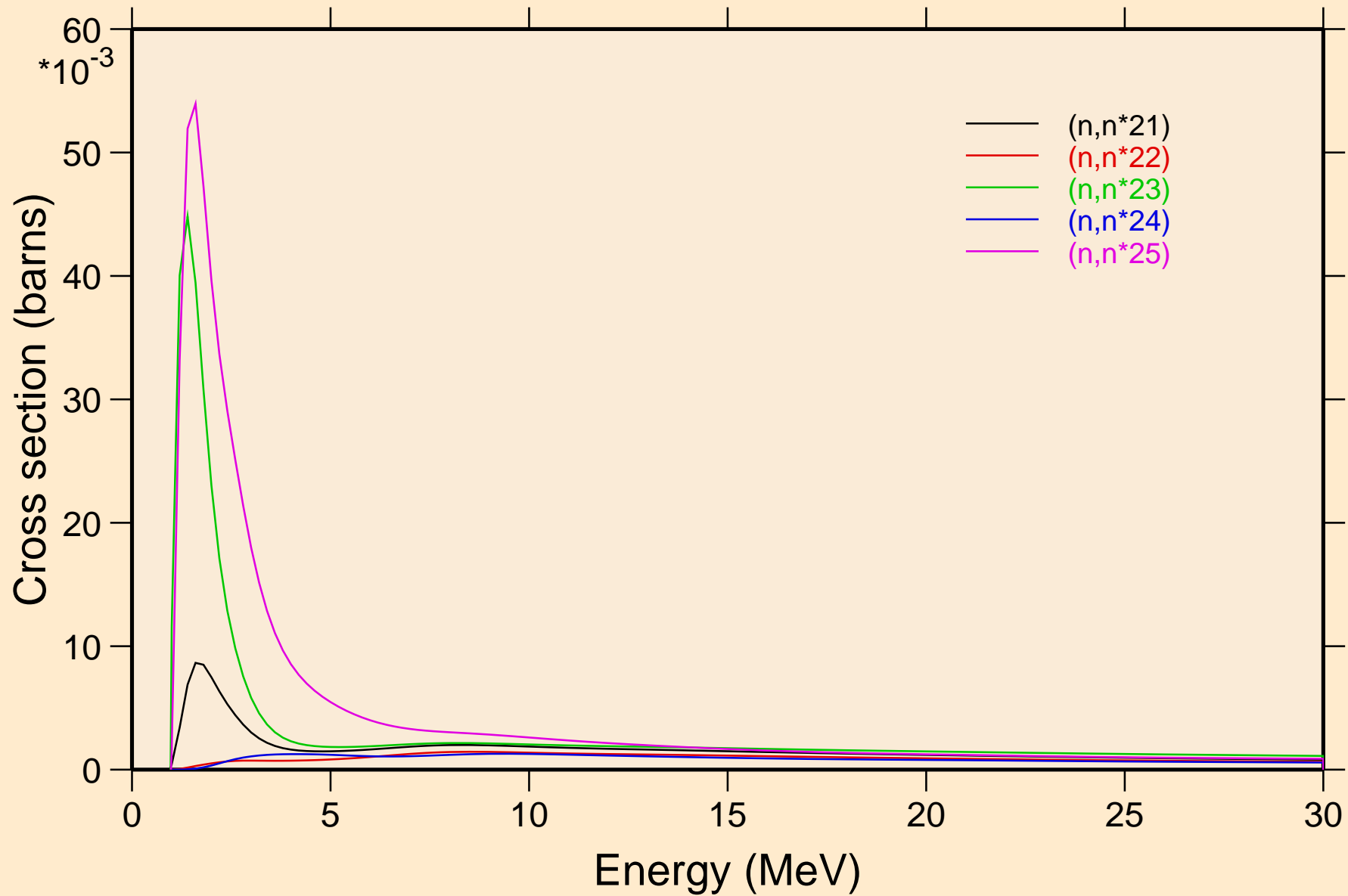


# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

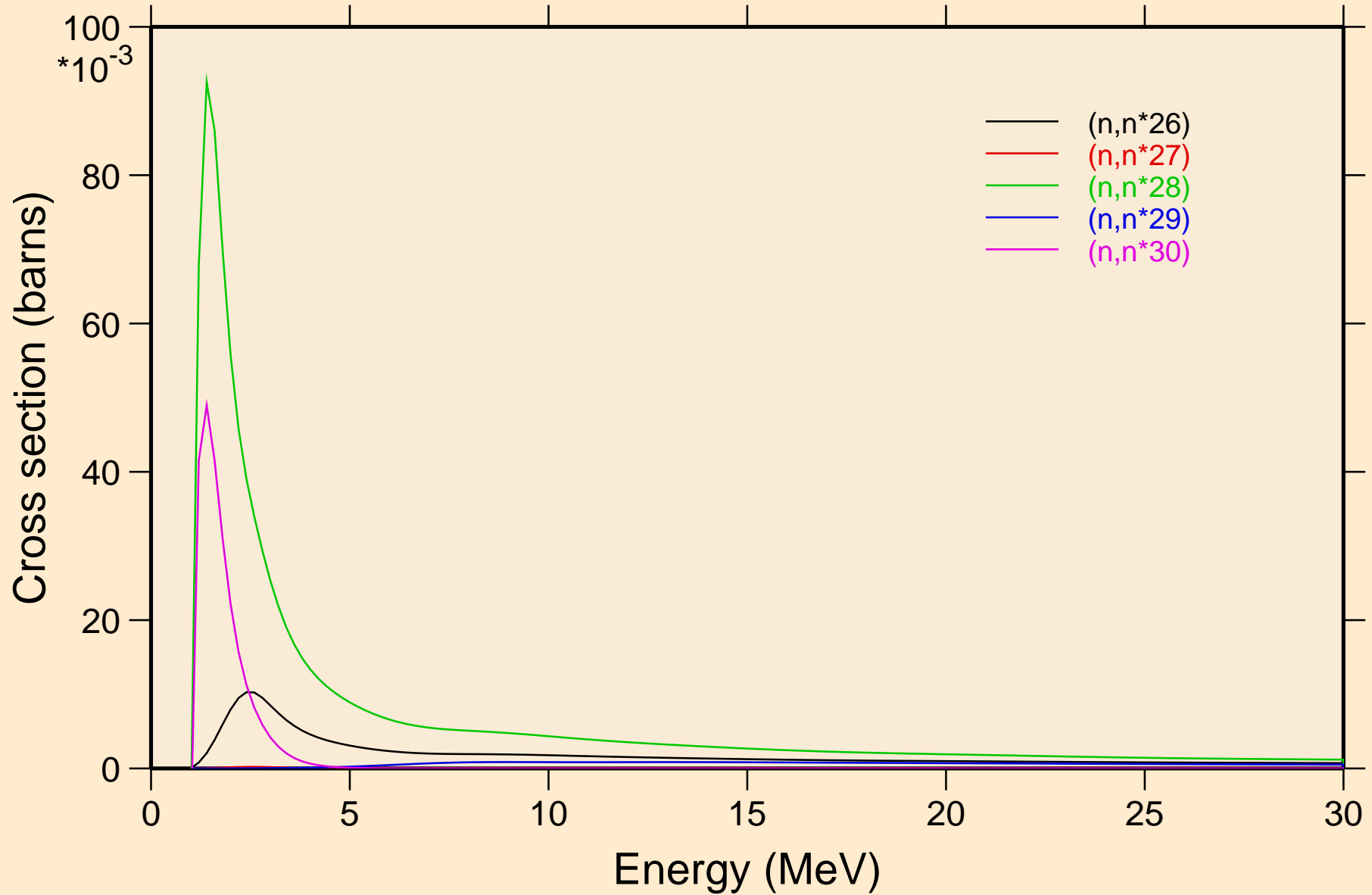
## Inelastic levels



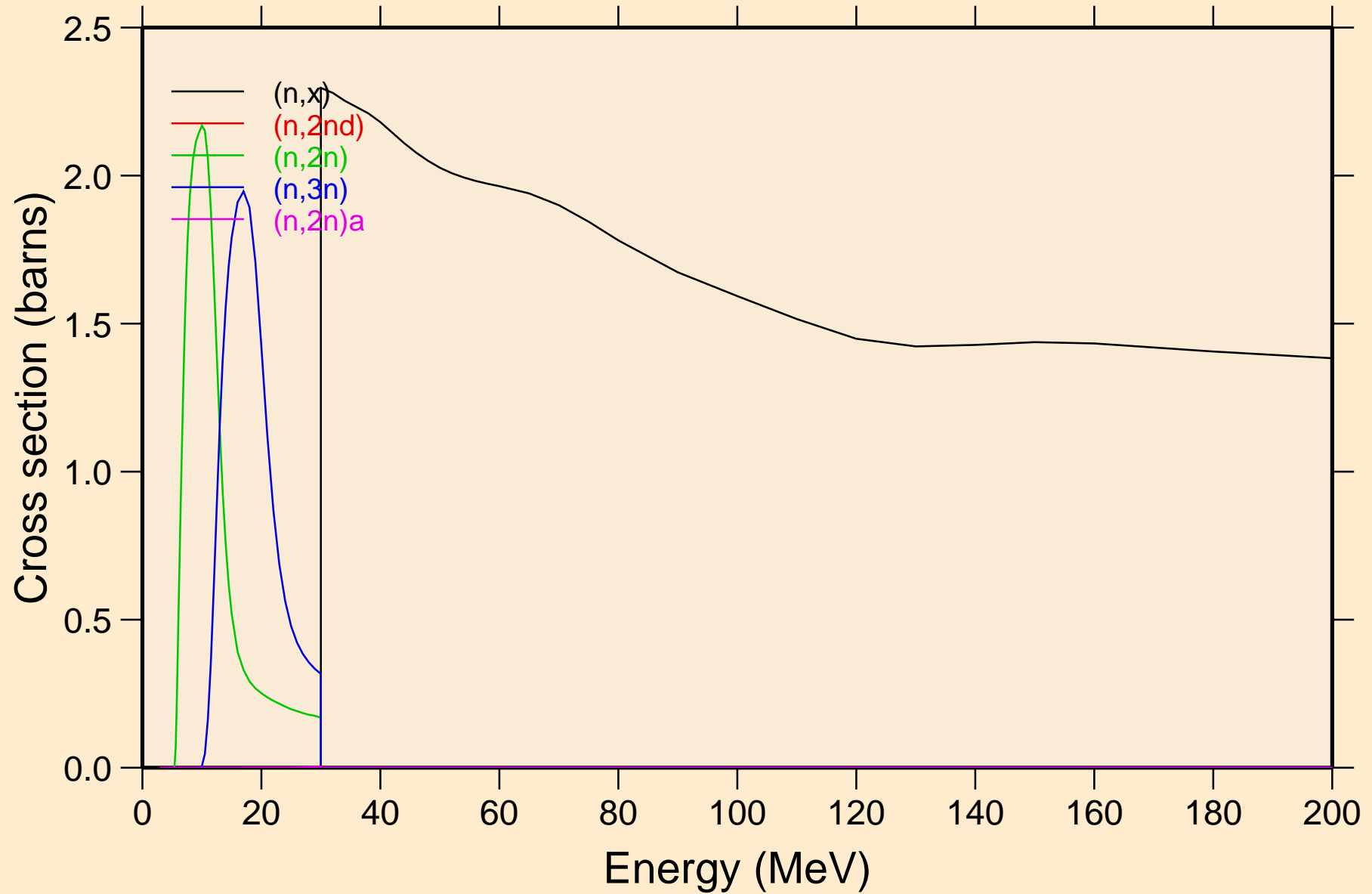
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

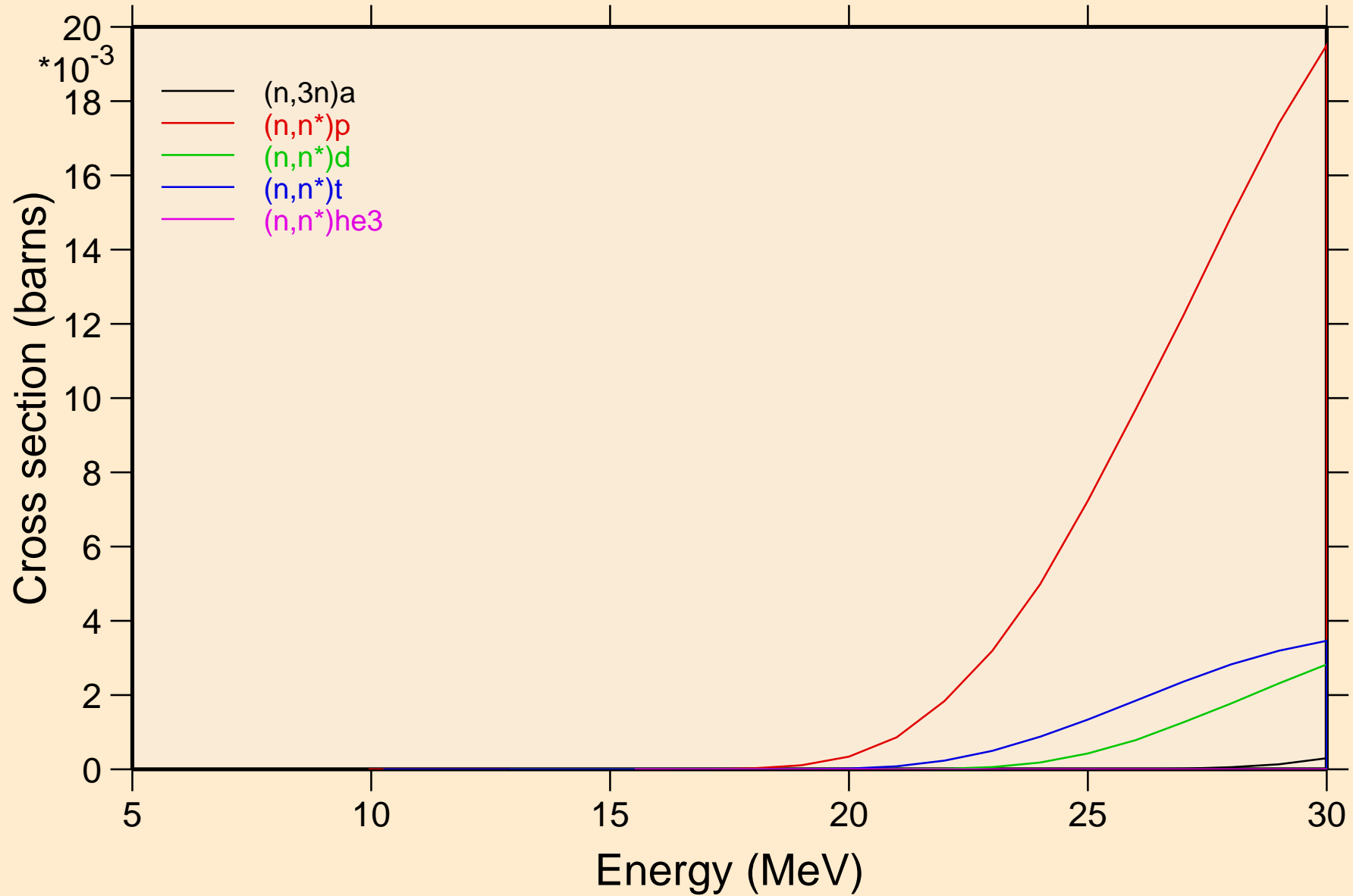


RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

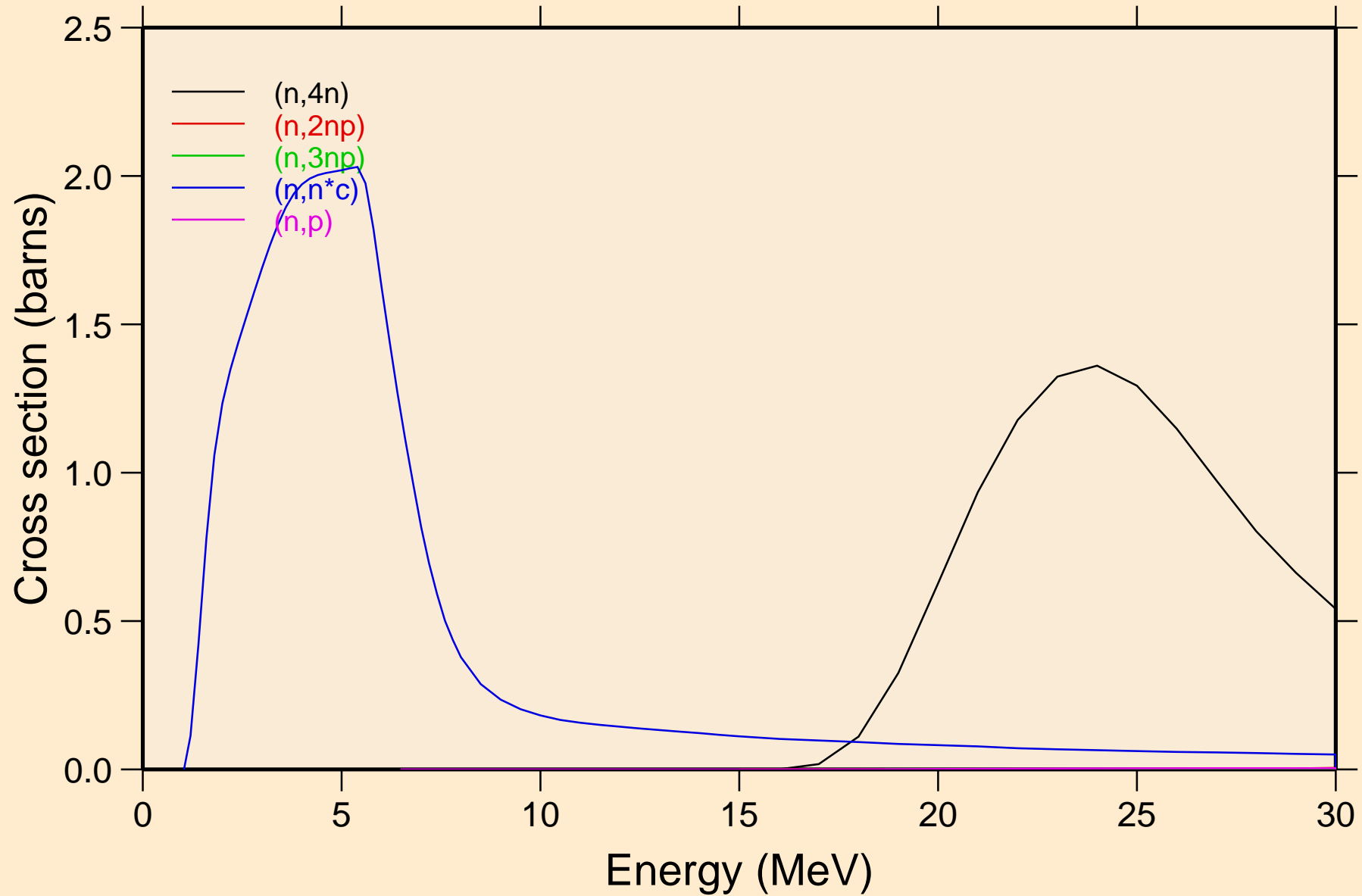


# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

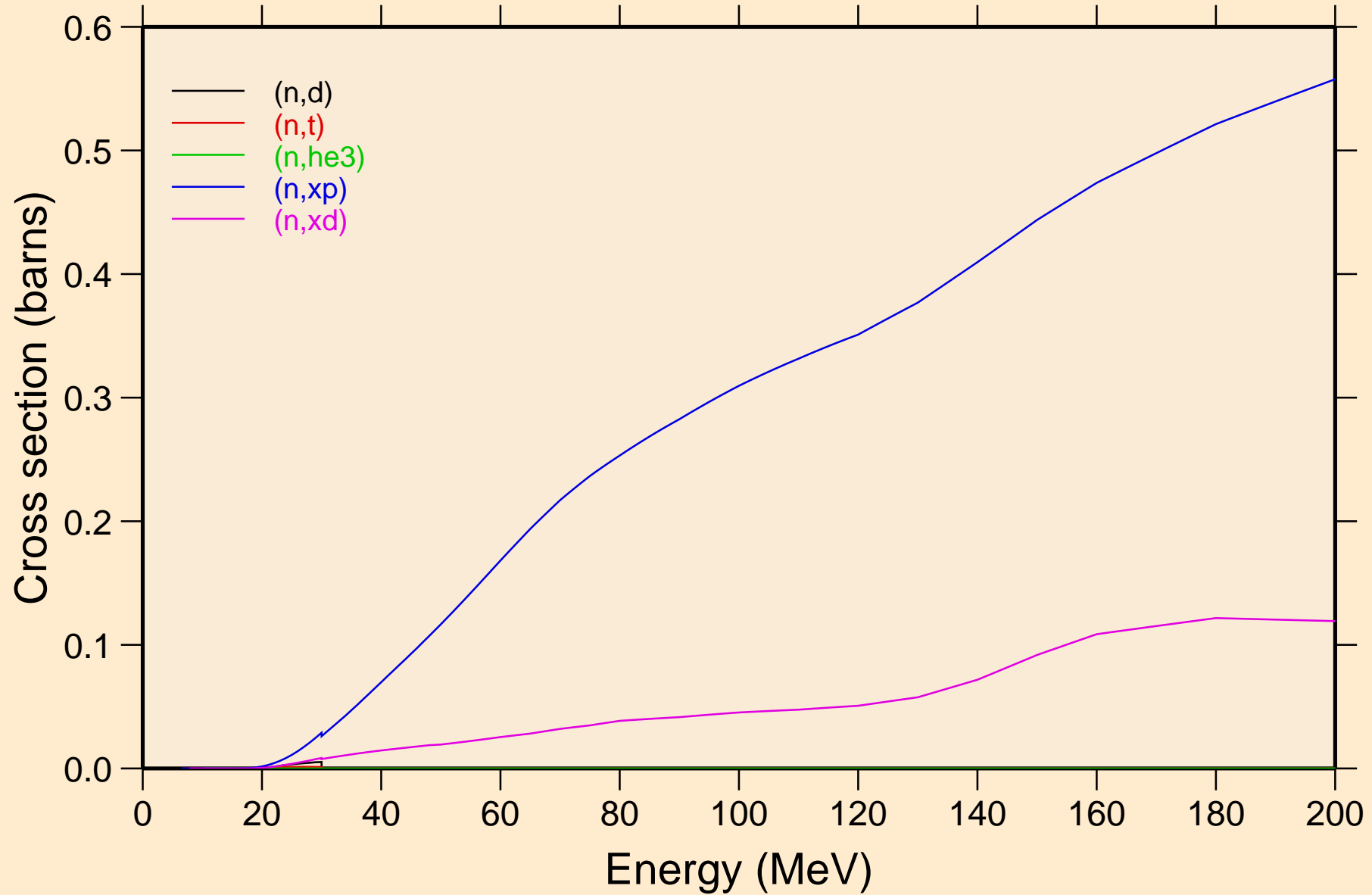


RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

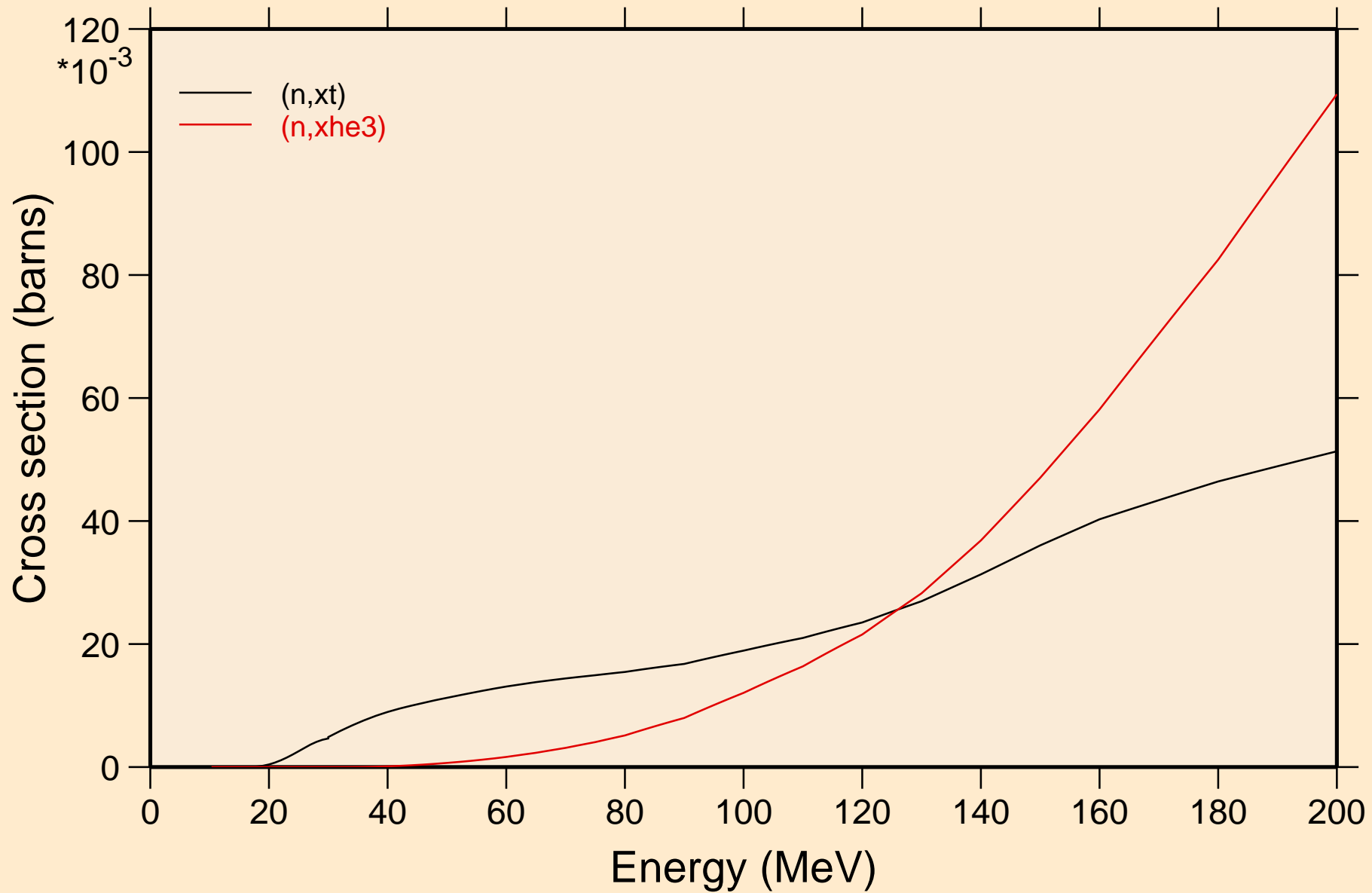


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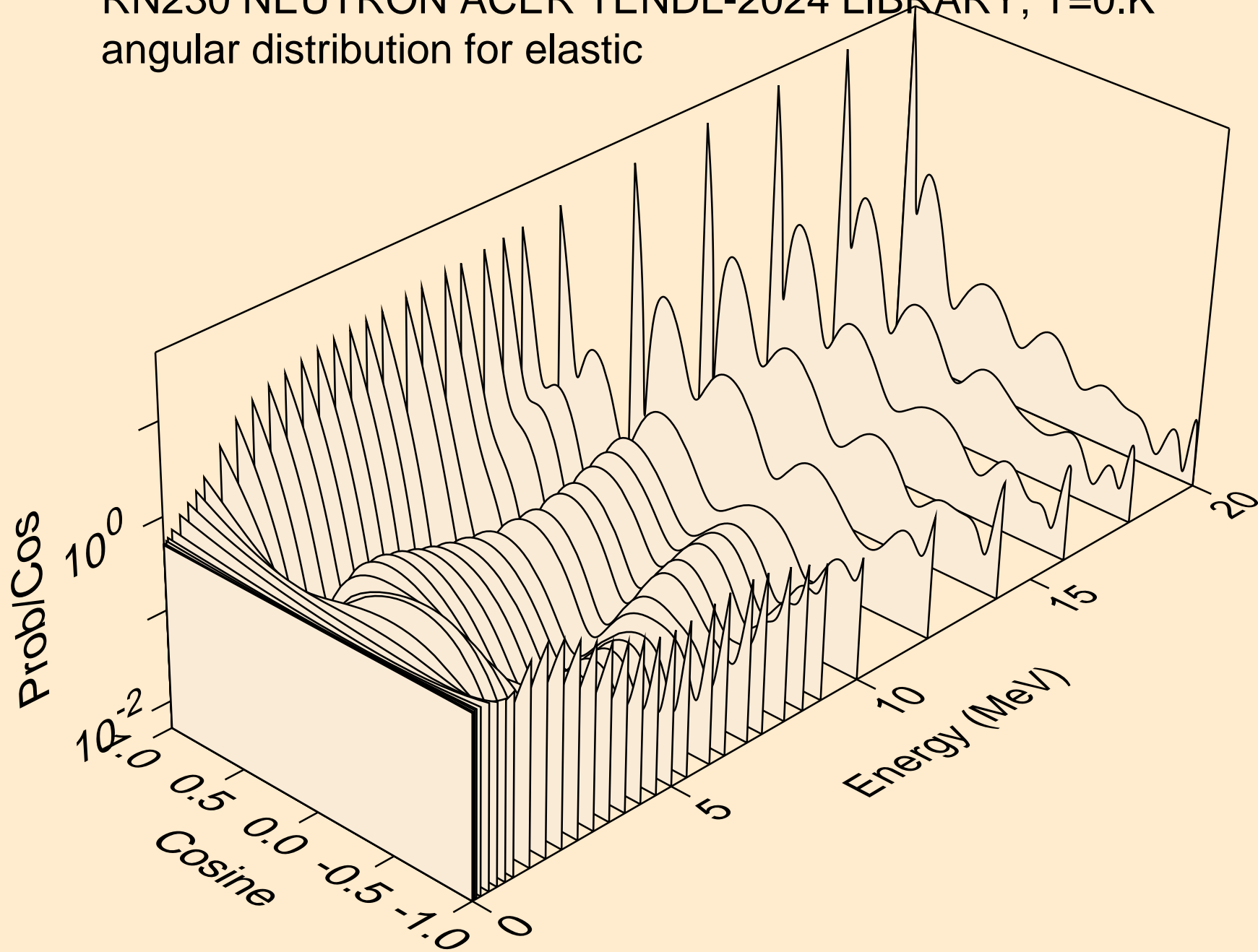
## Threshold reactions



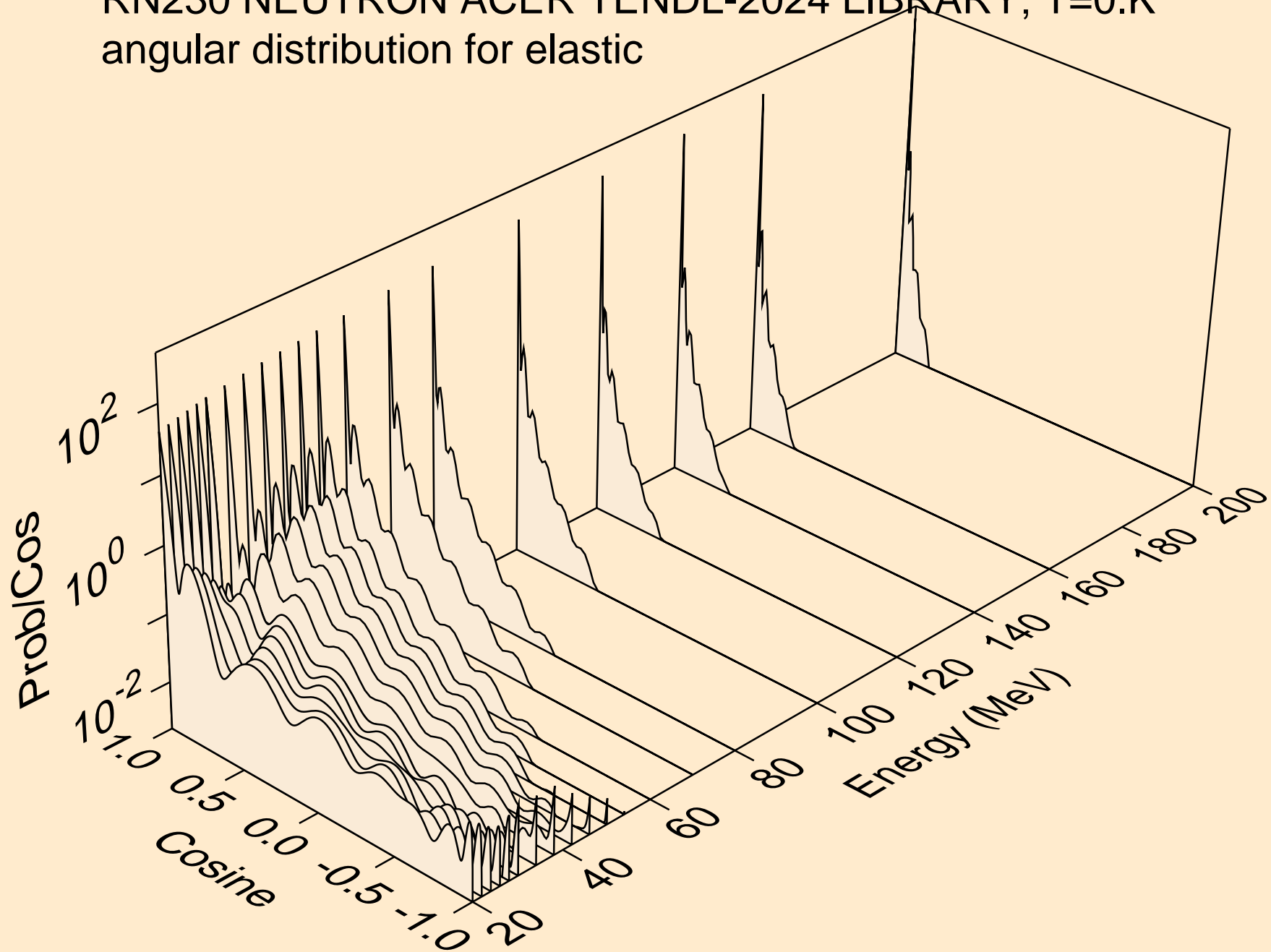
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



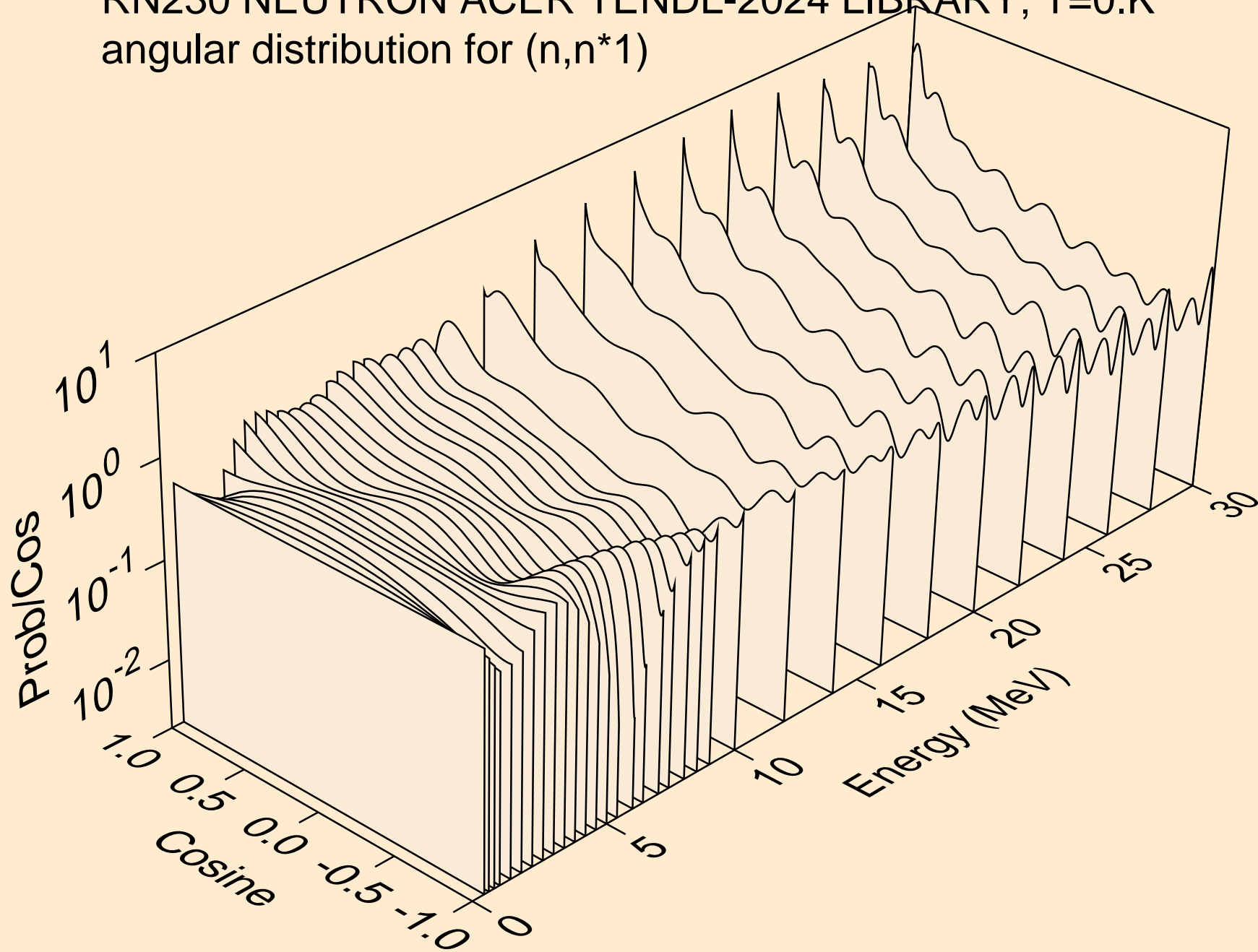
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



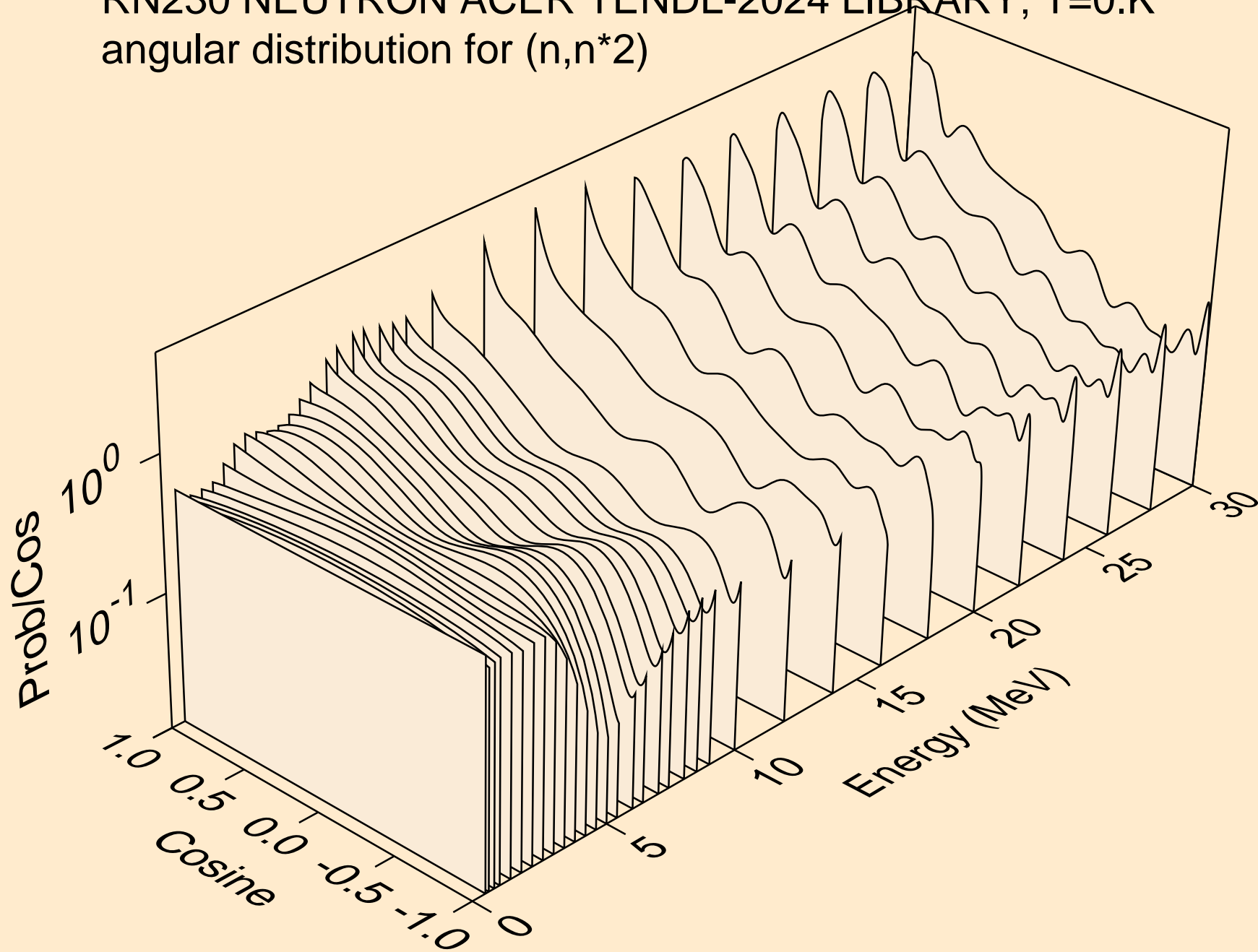
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



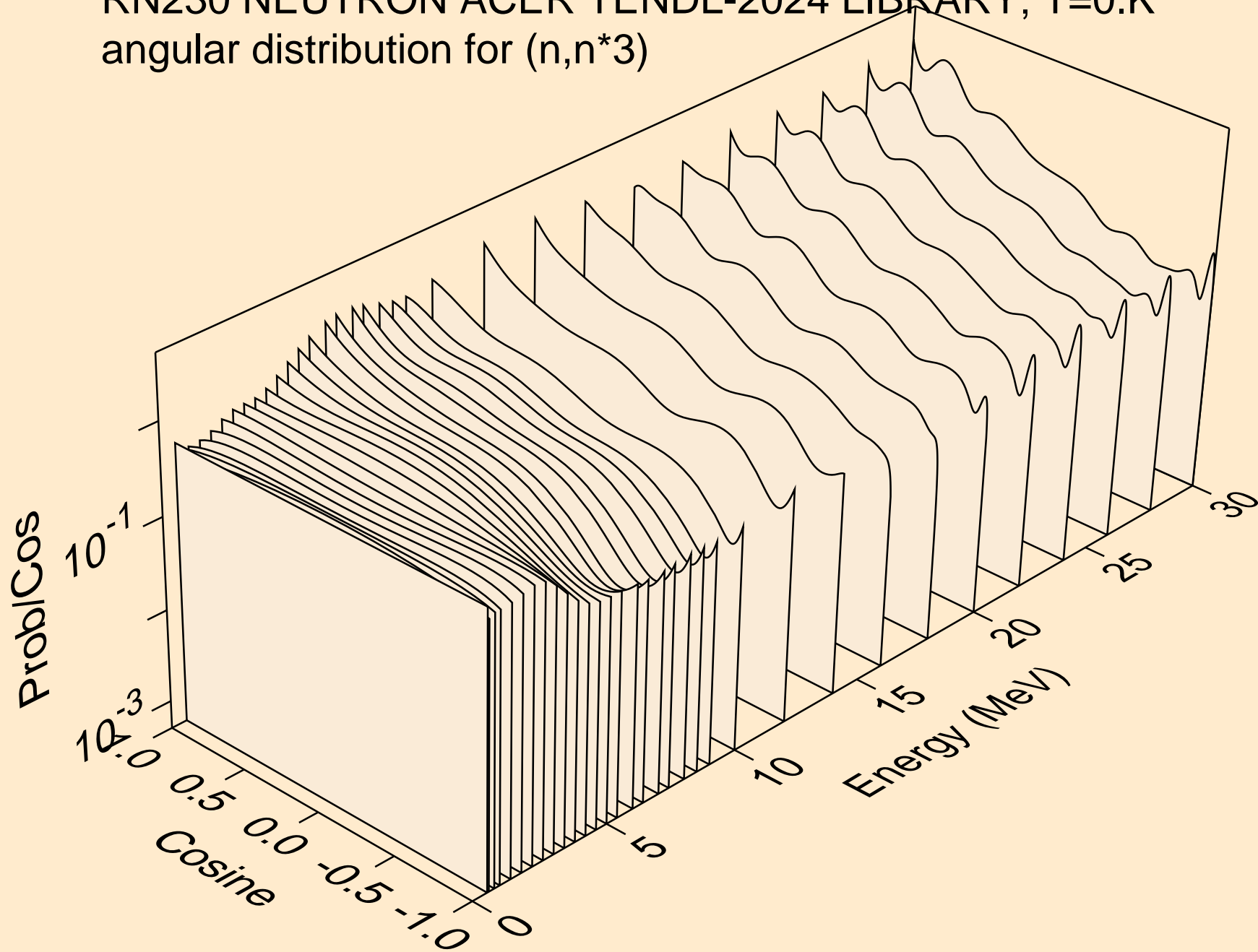
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



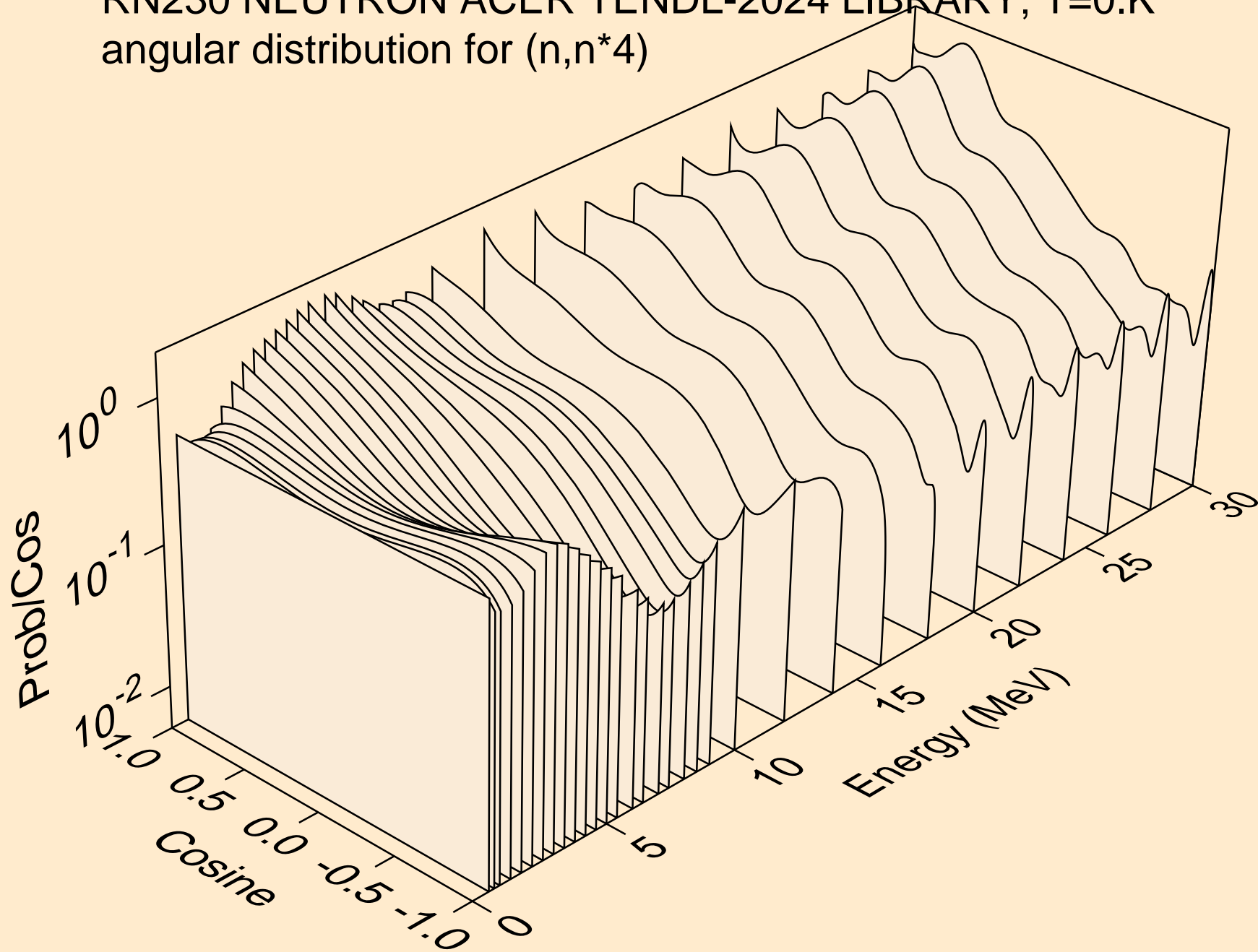
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



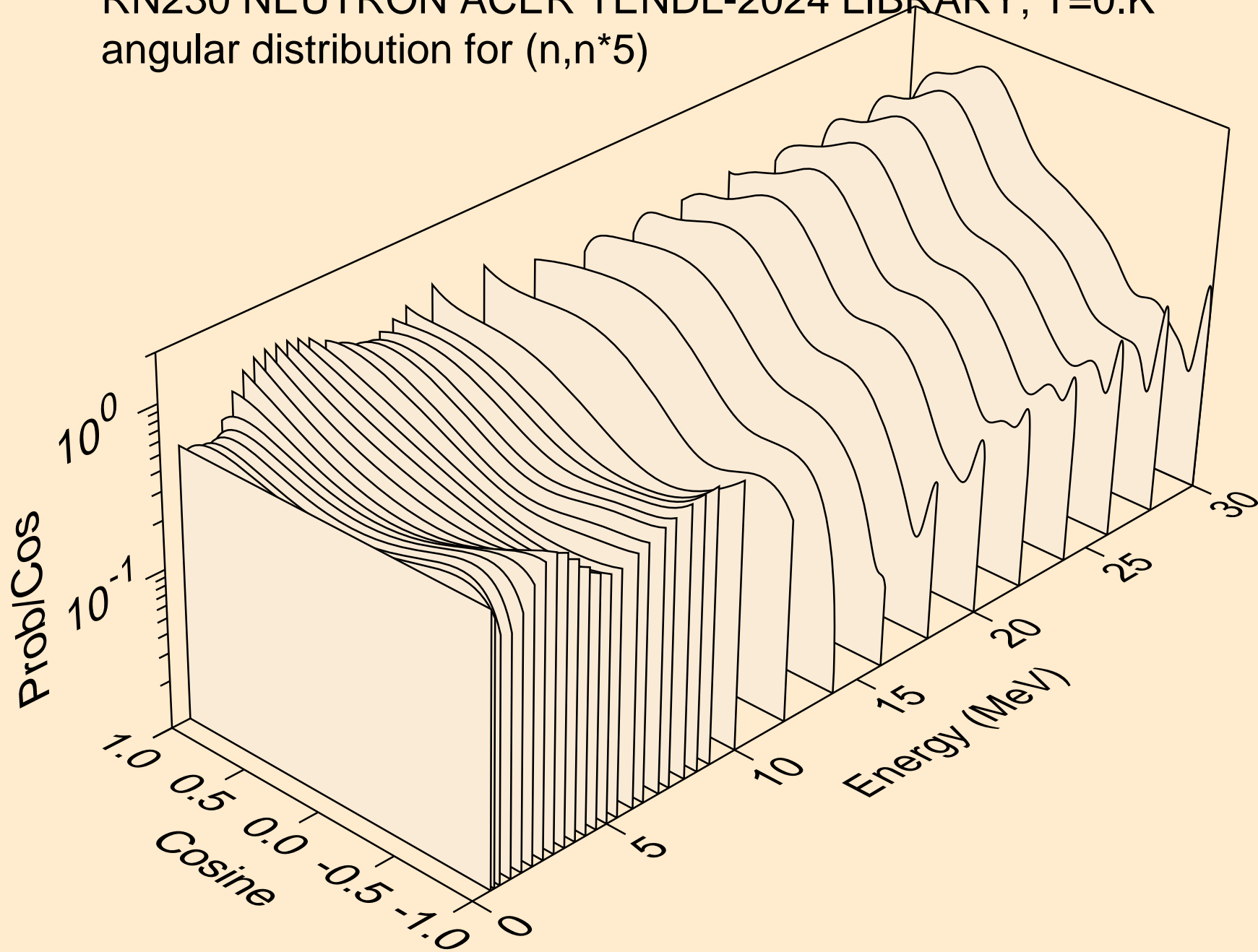
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



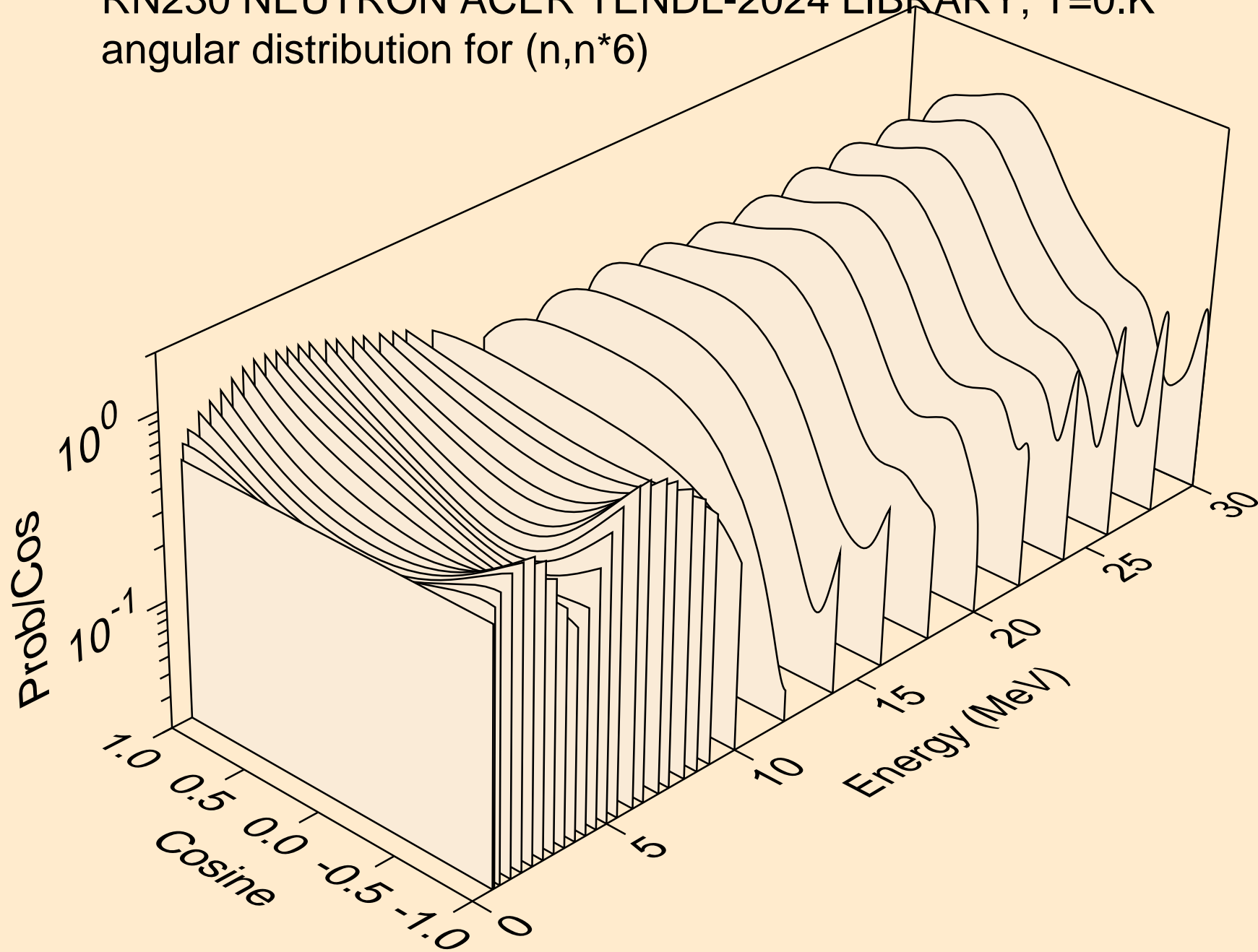
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



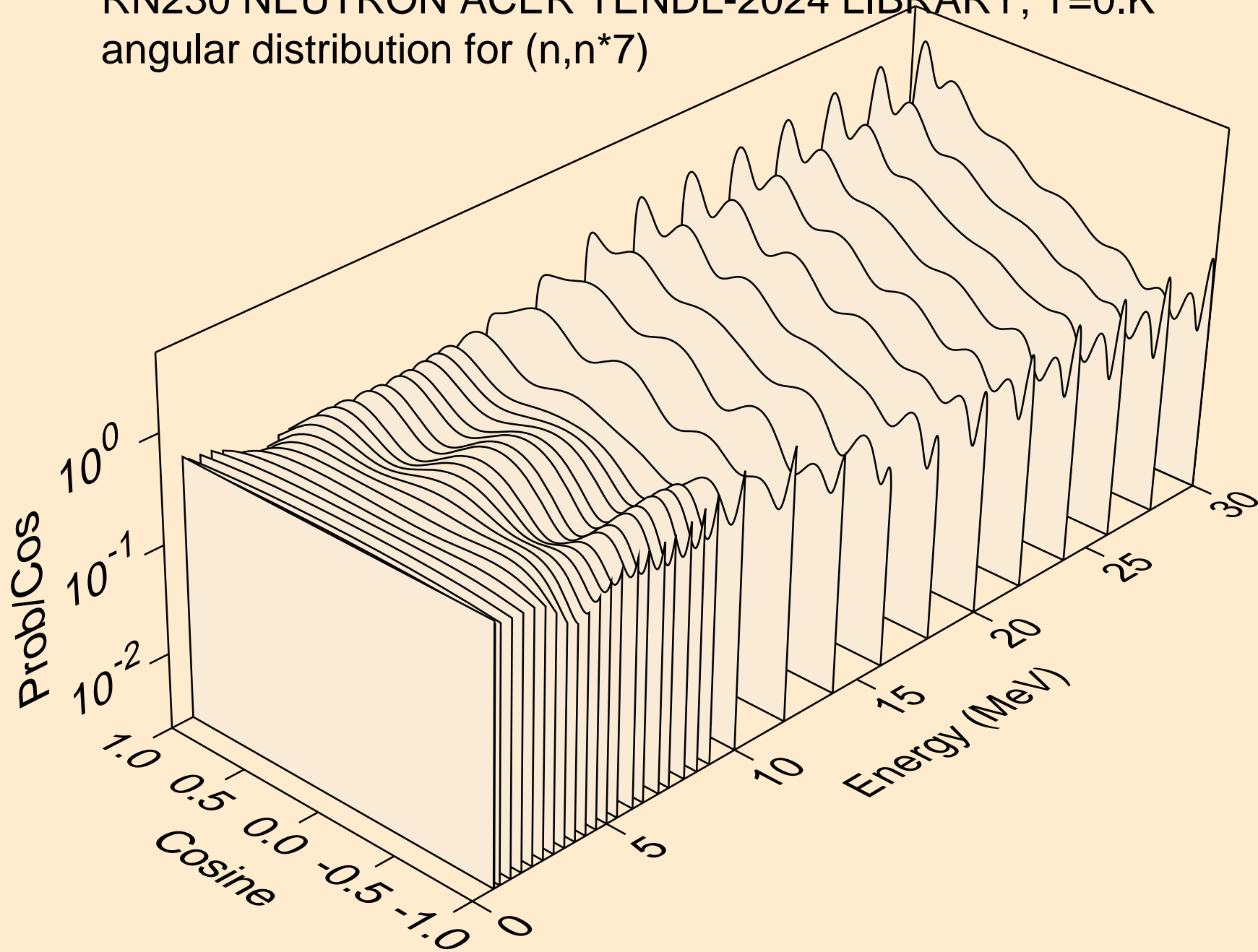
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



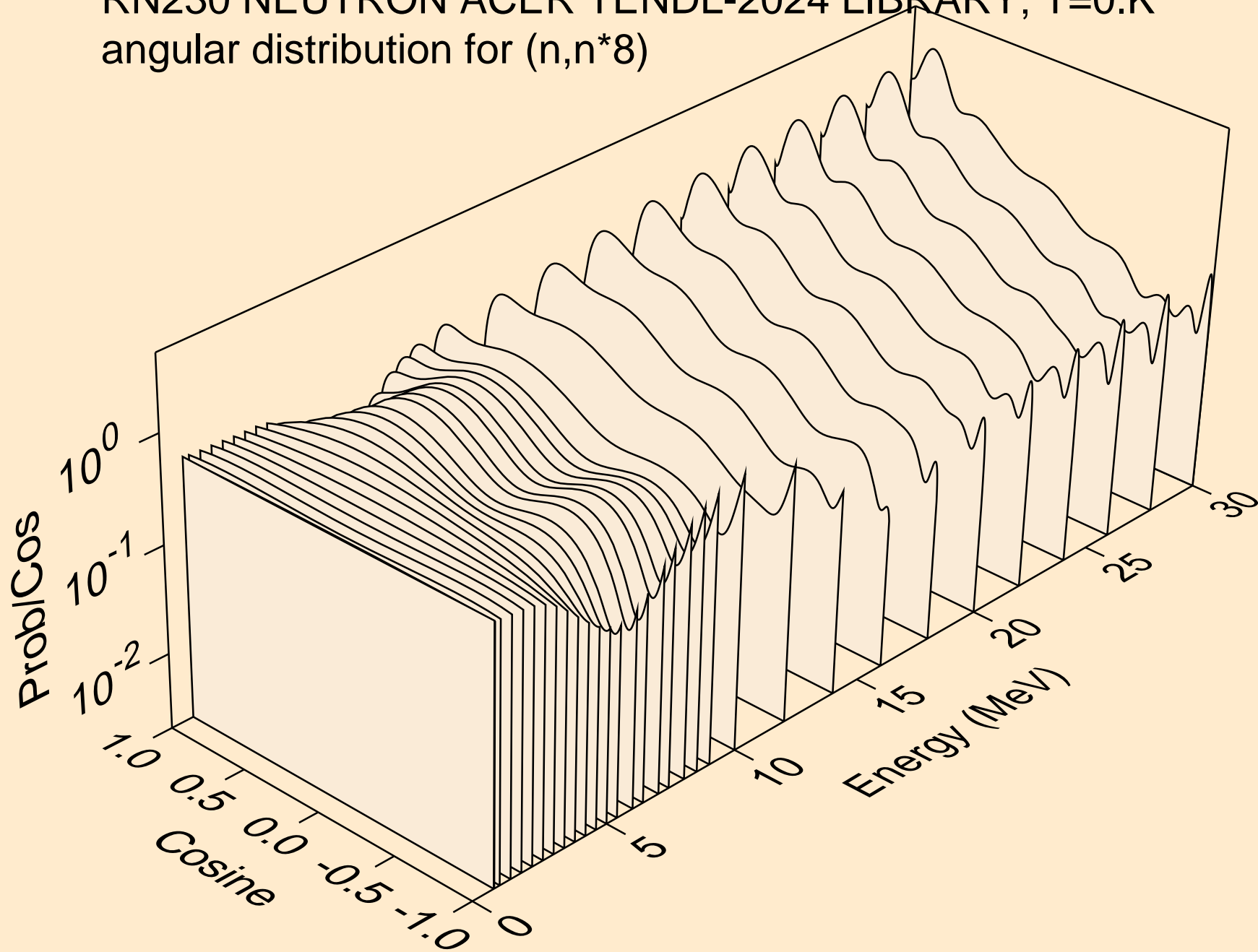
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



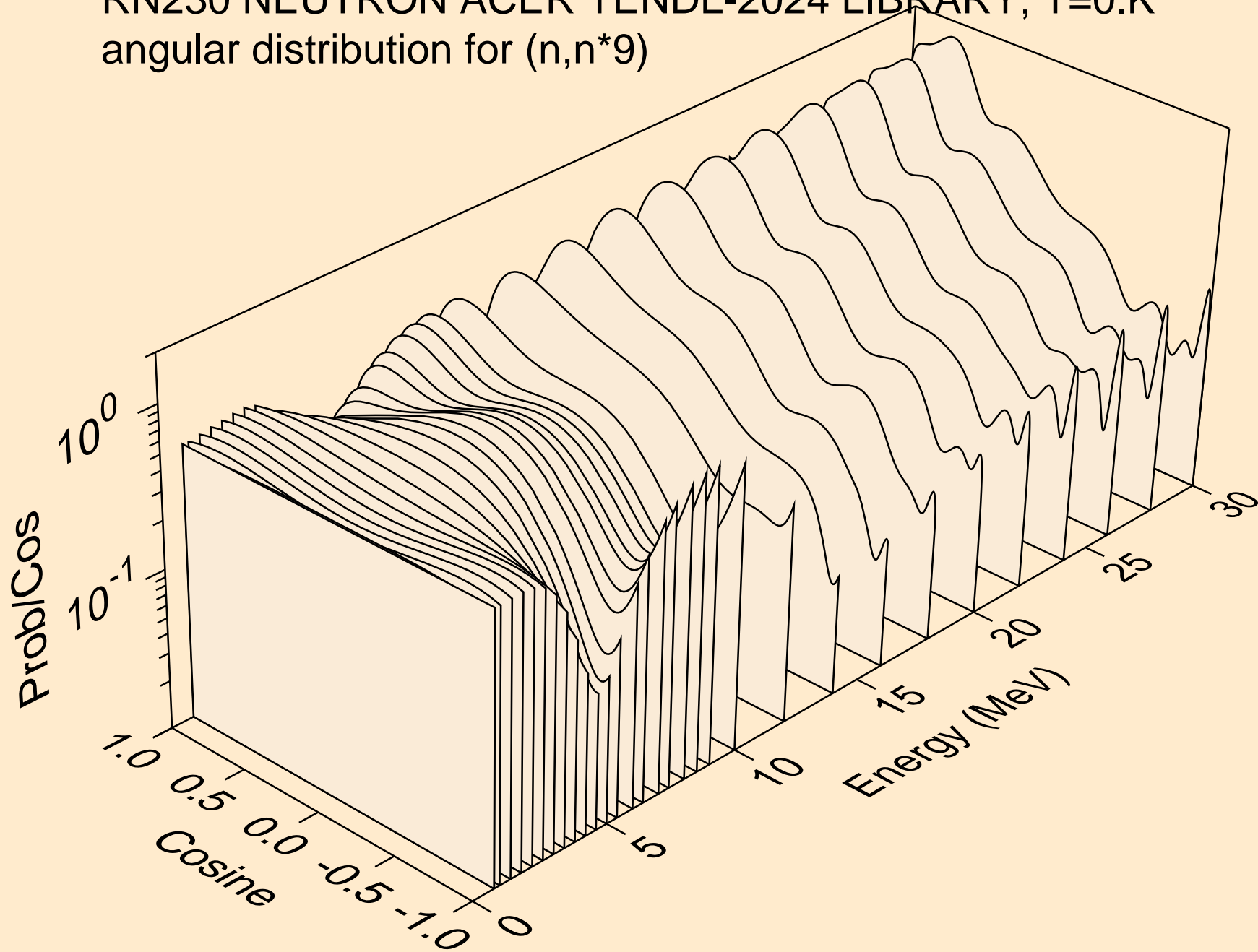
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



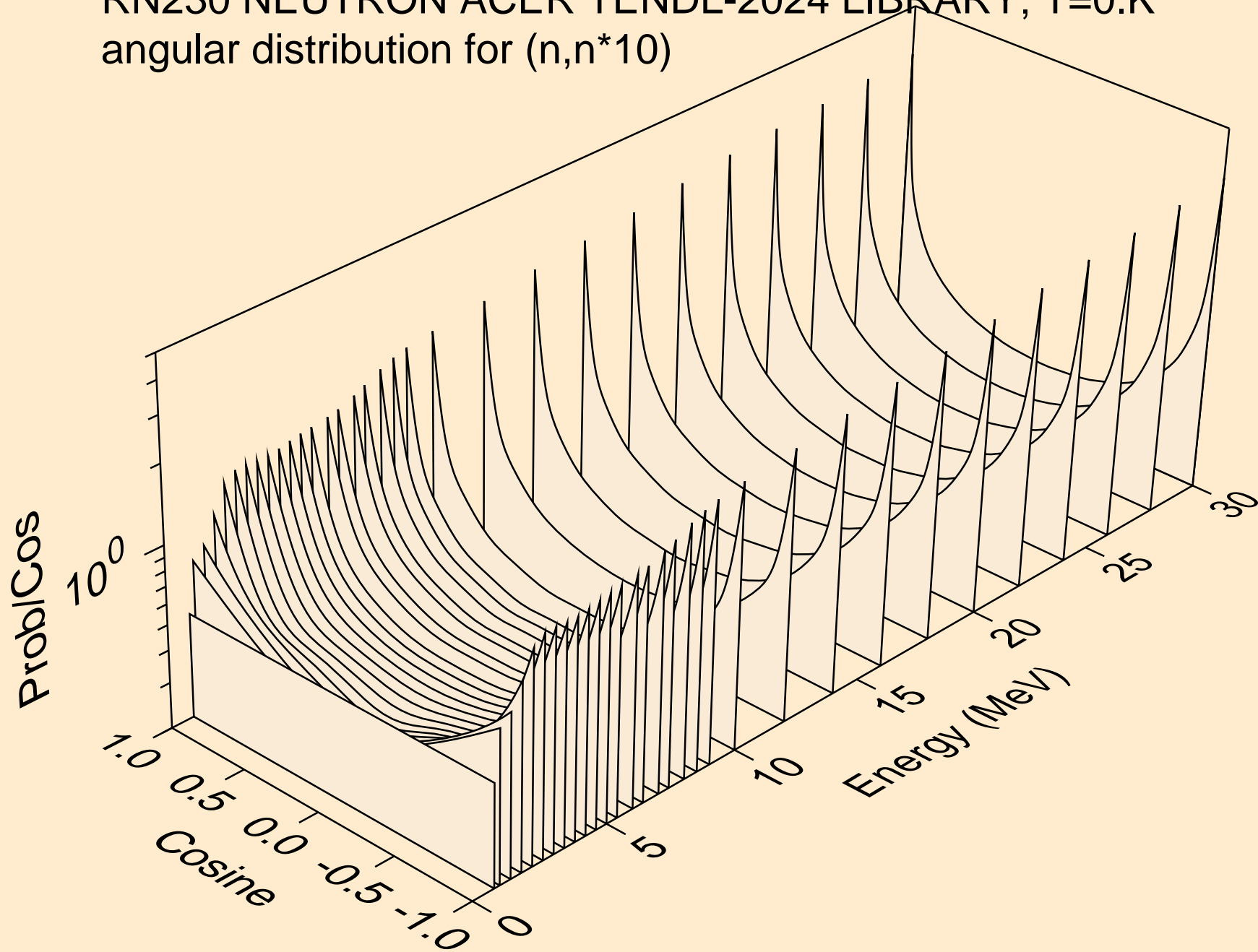
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



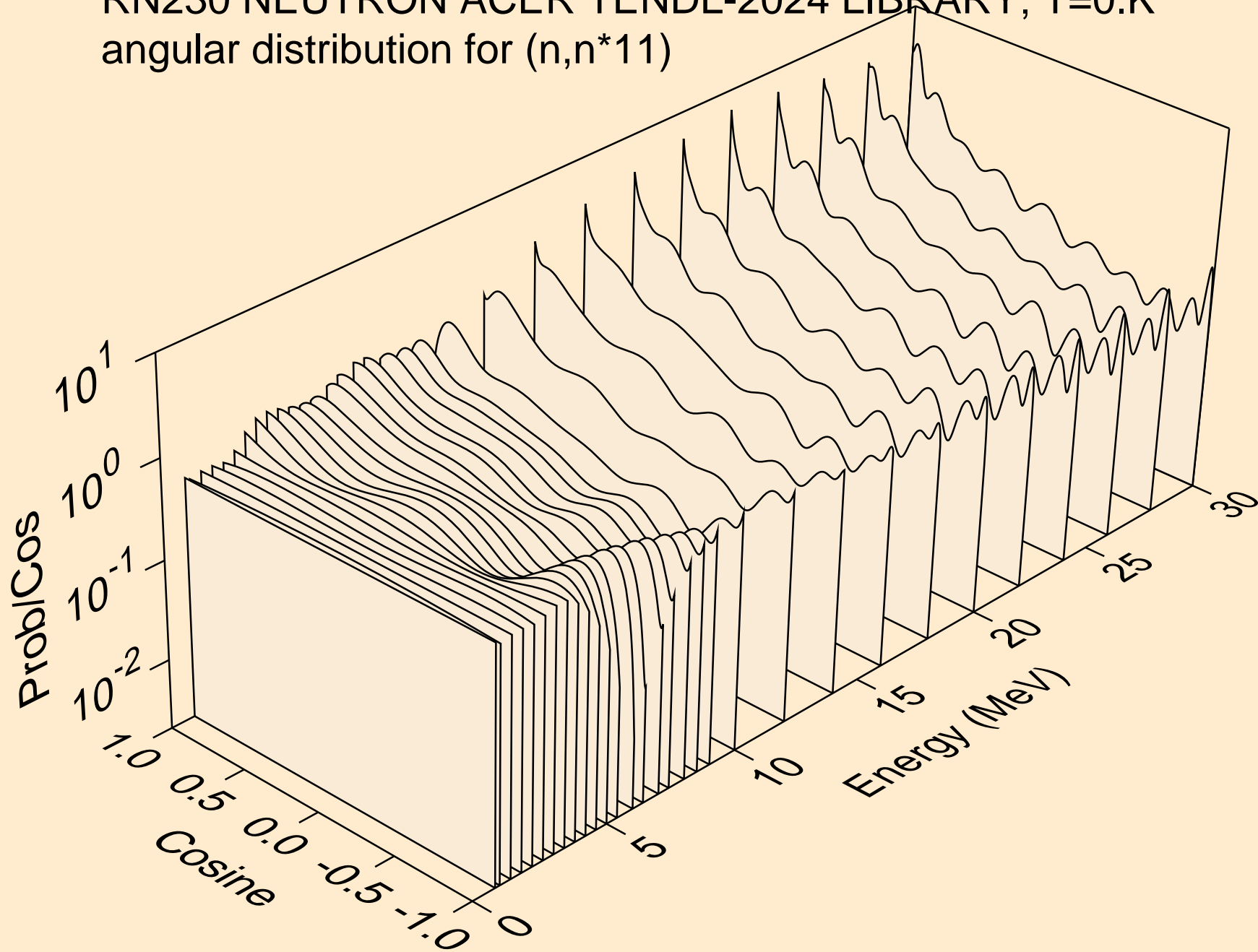
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



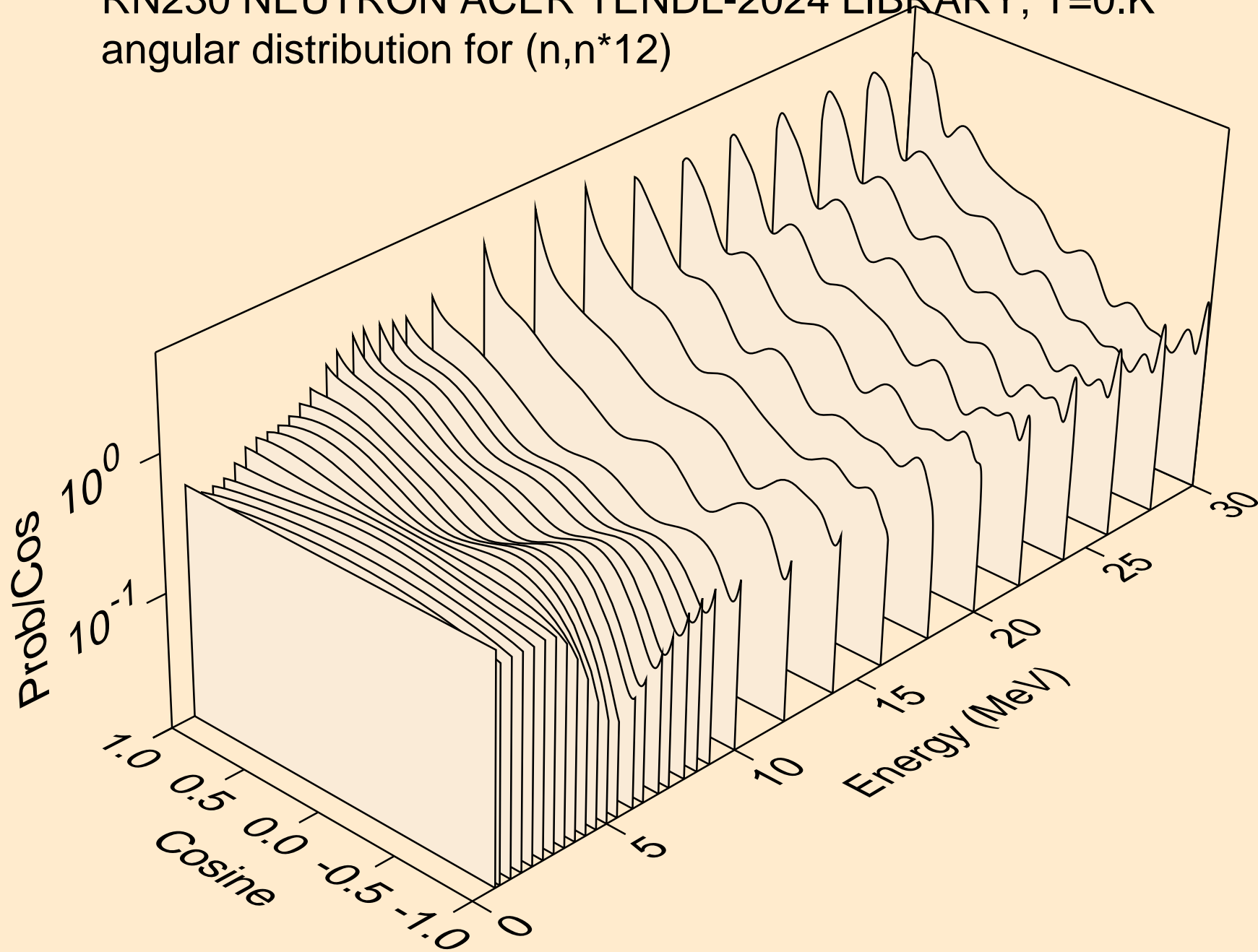
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



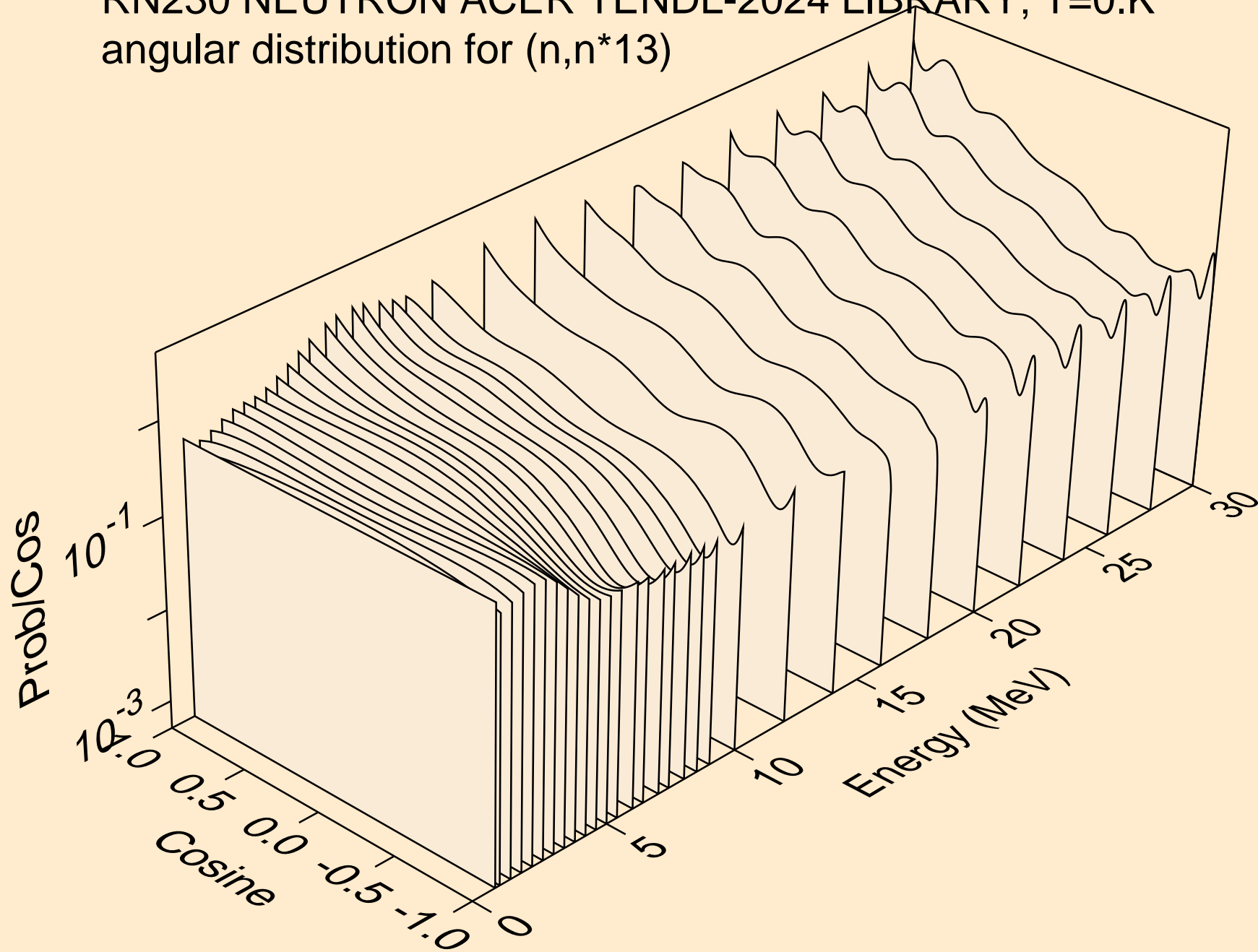
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



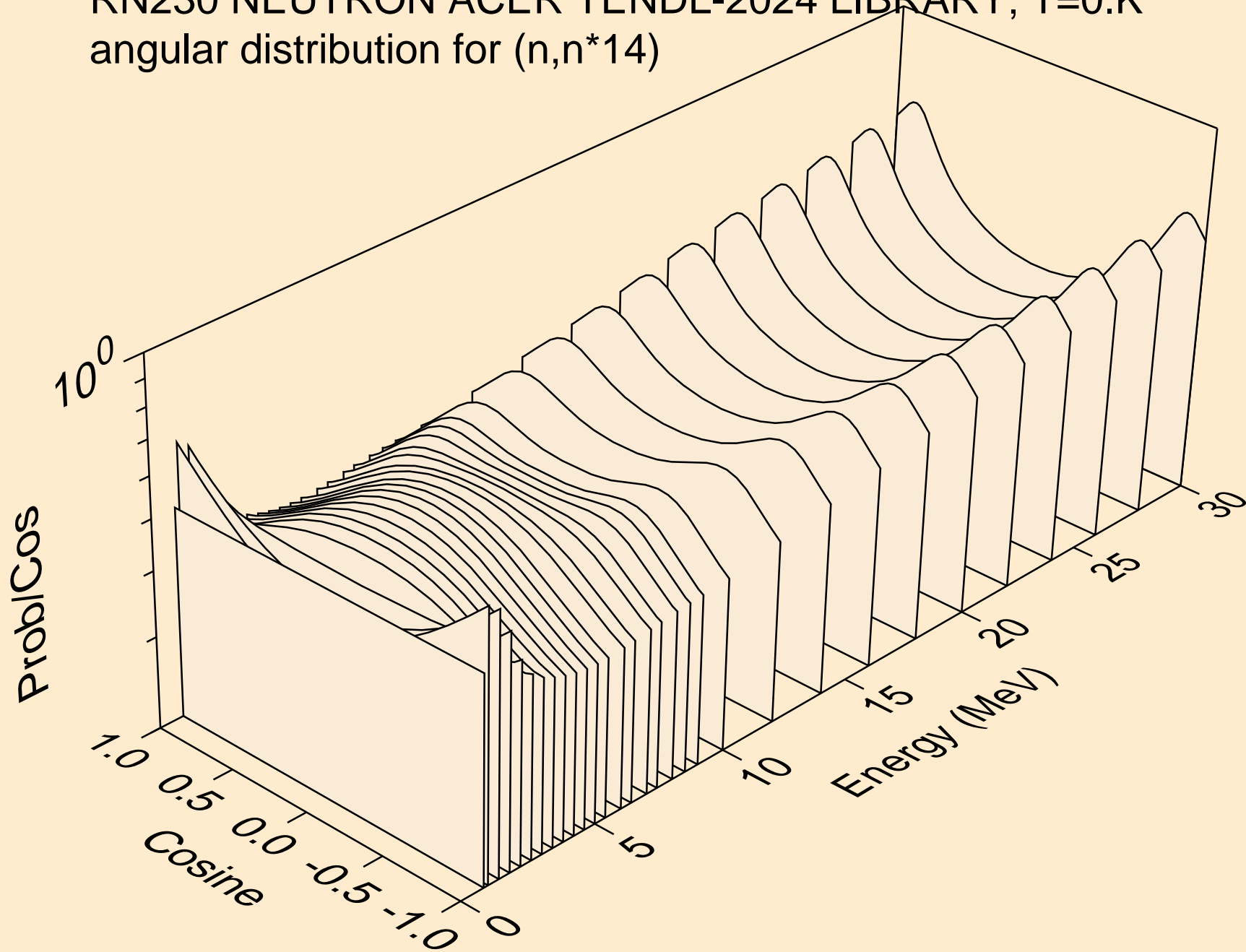
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



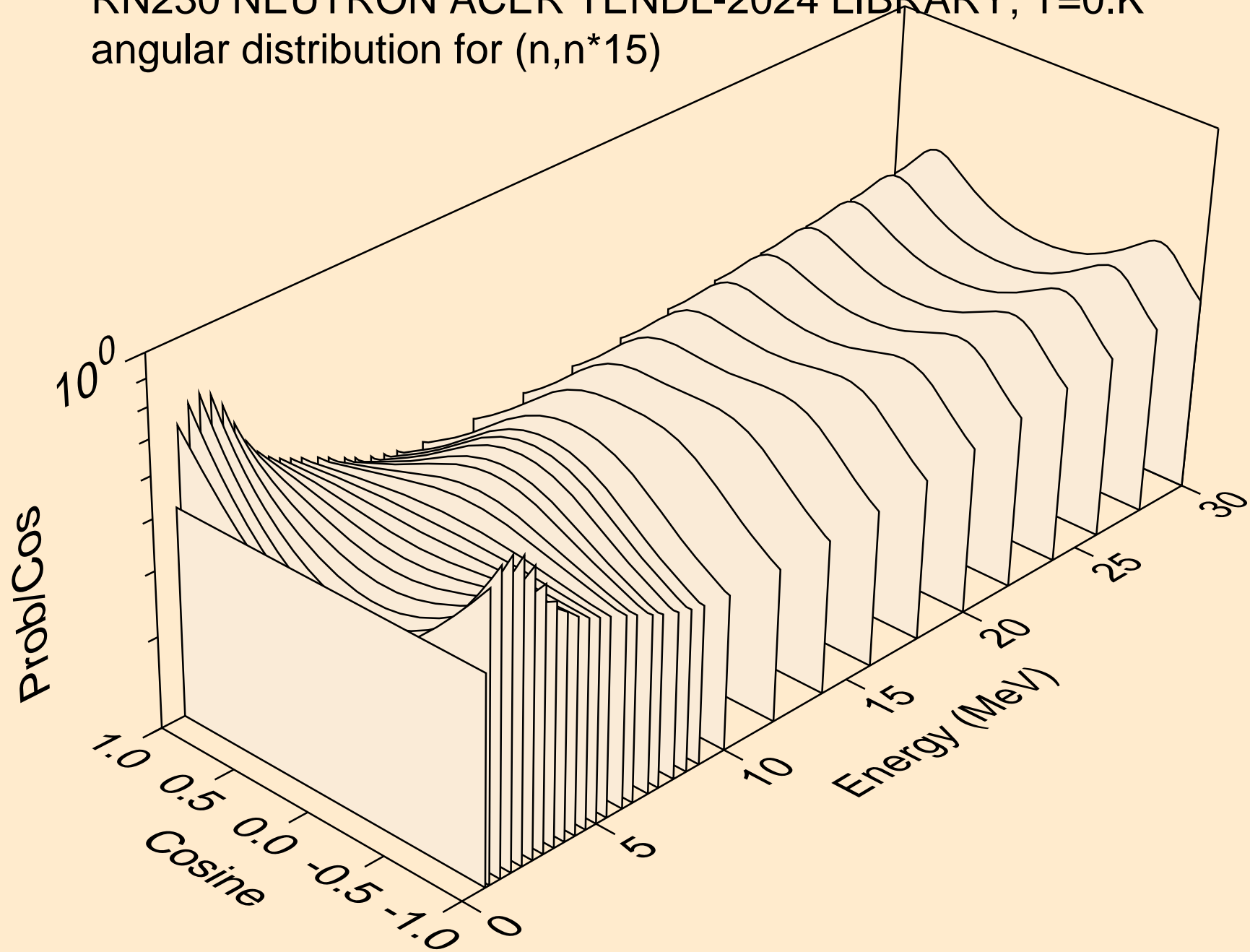
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



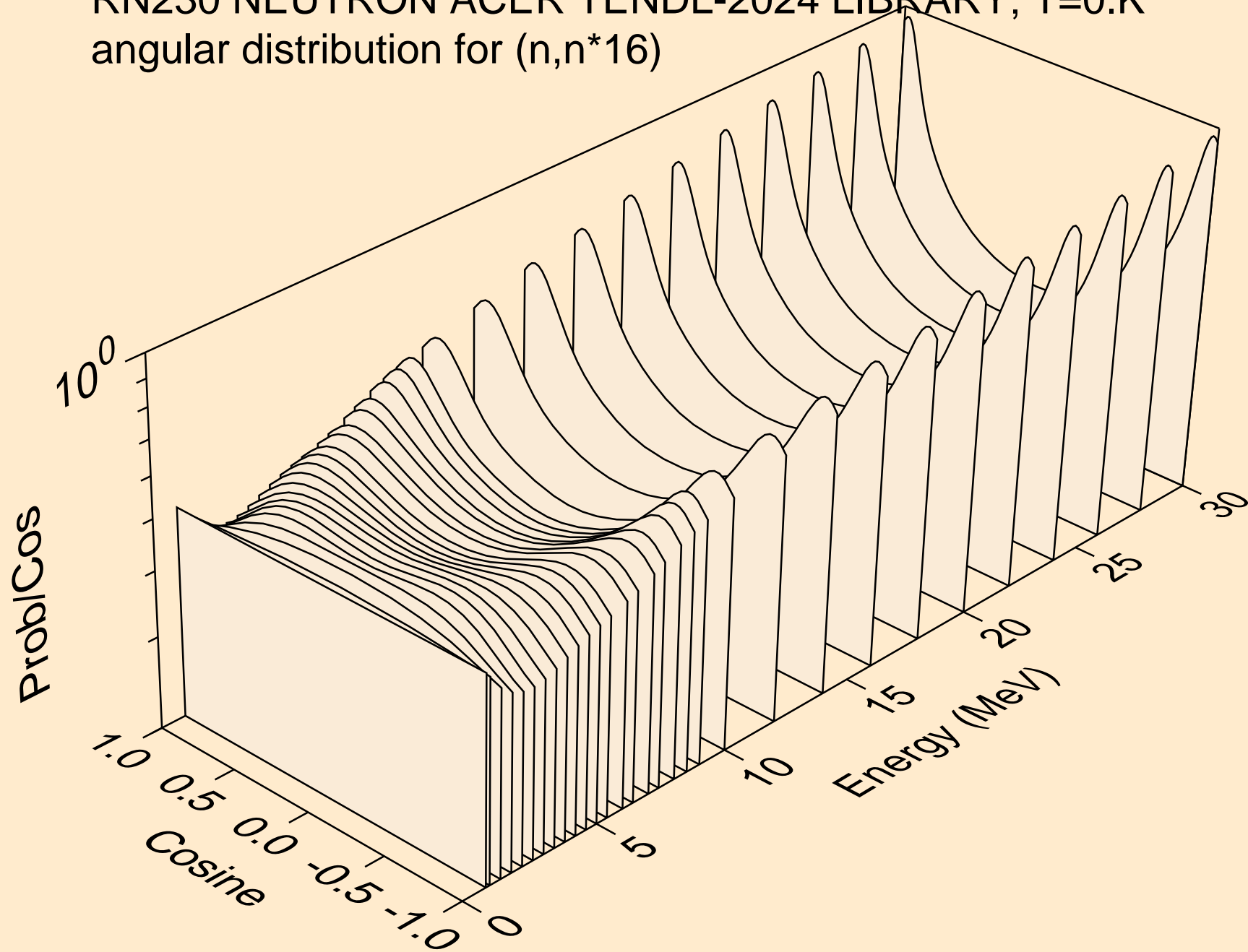
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



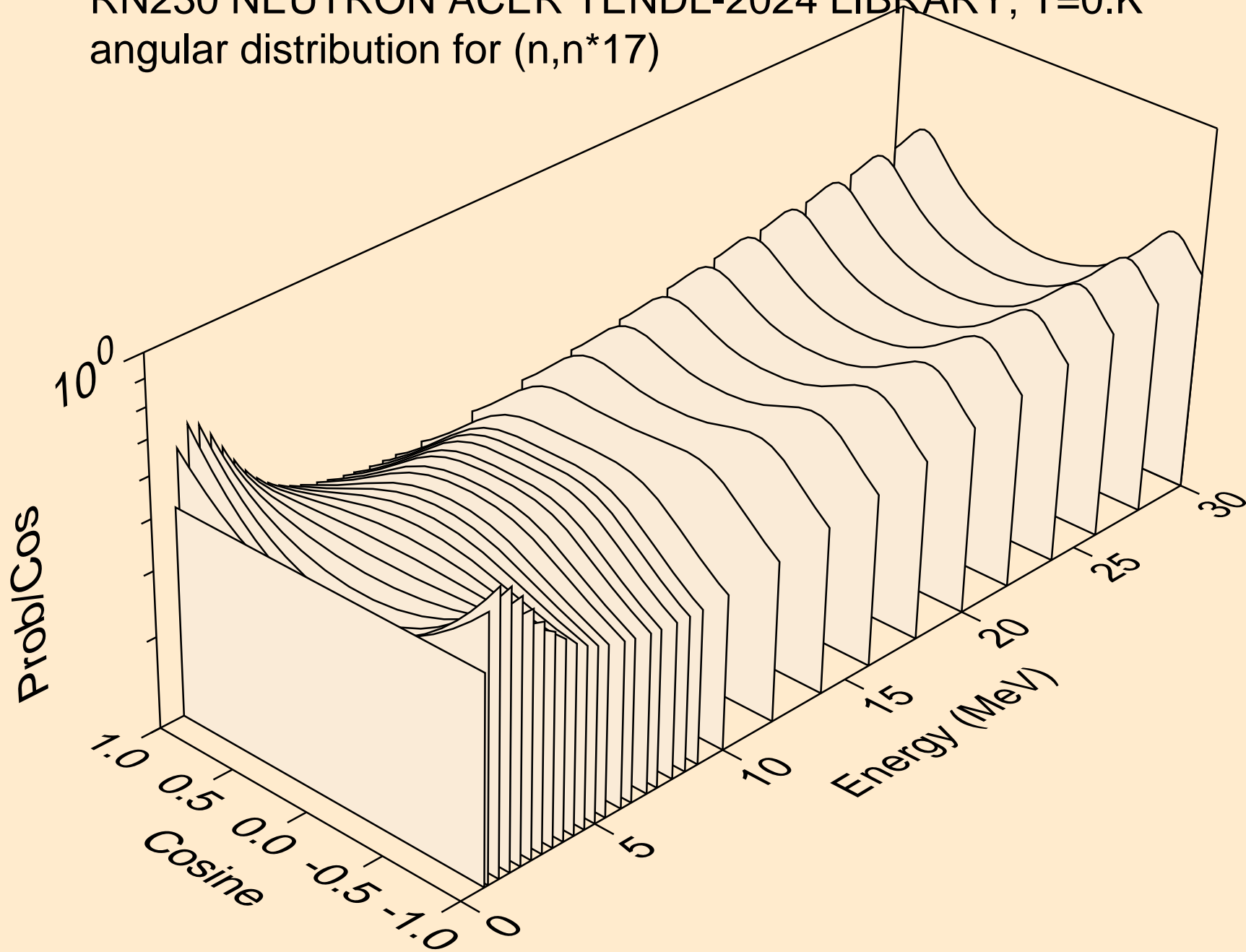
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



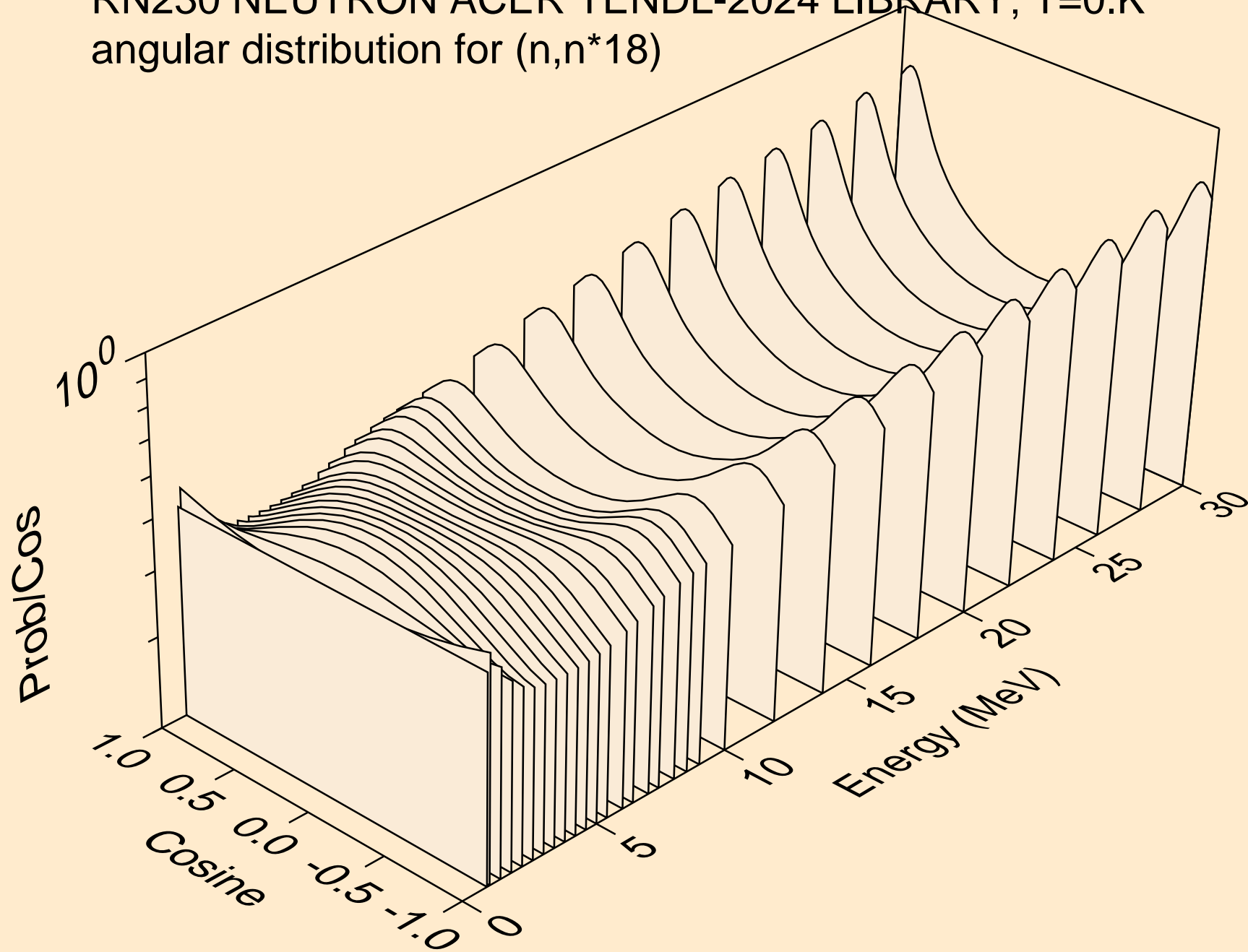
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



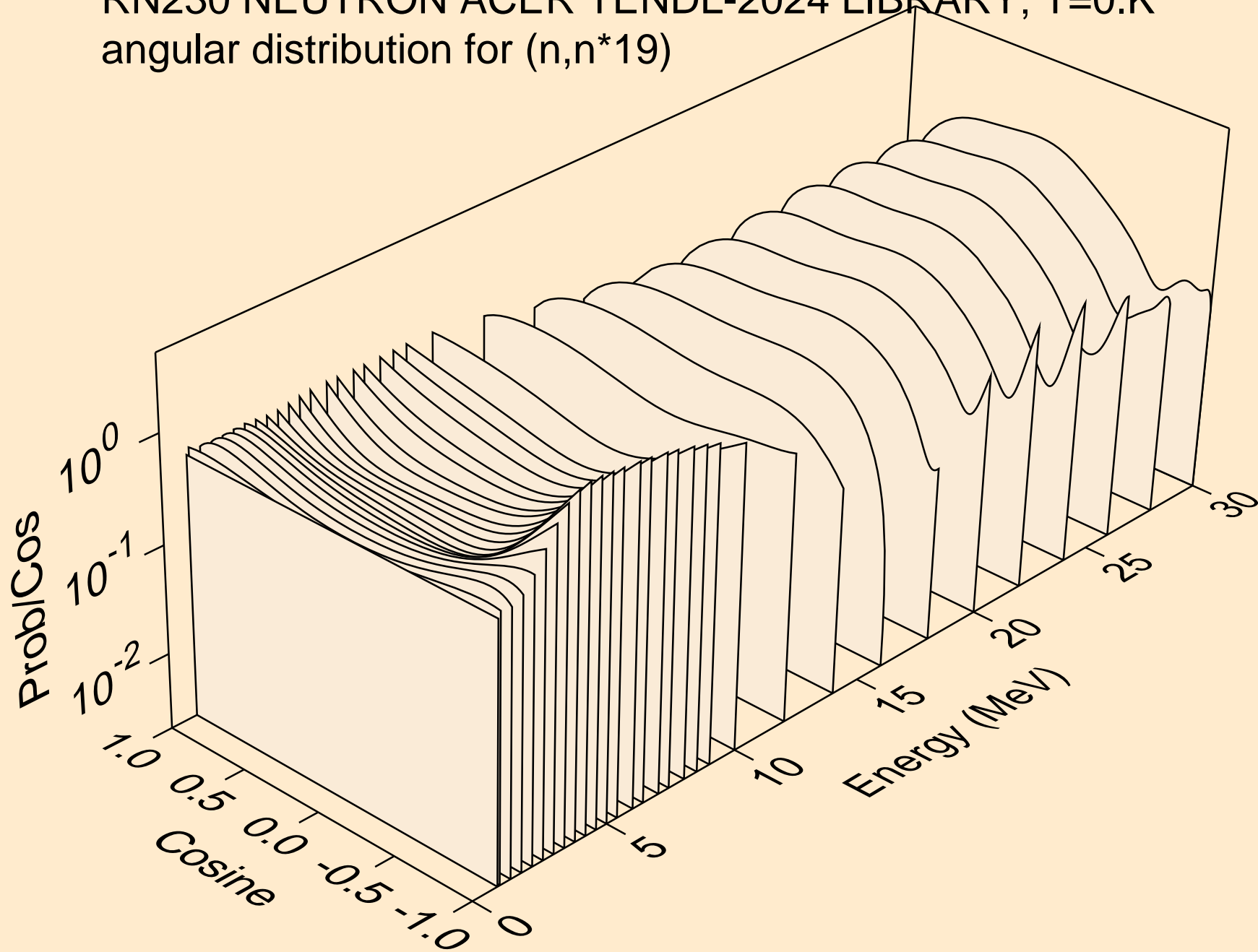
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



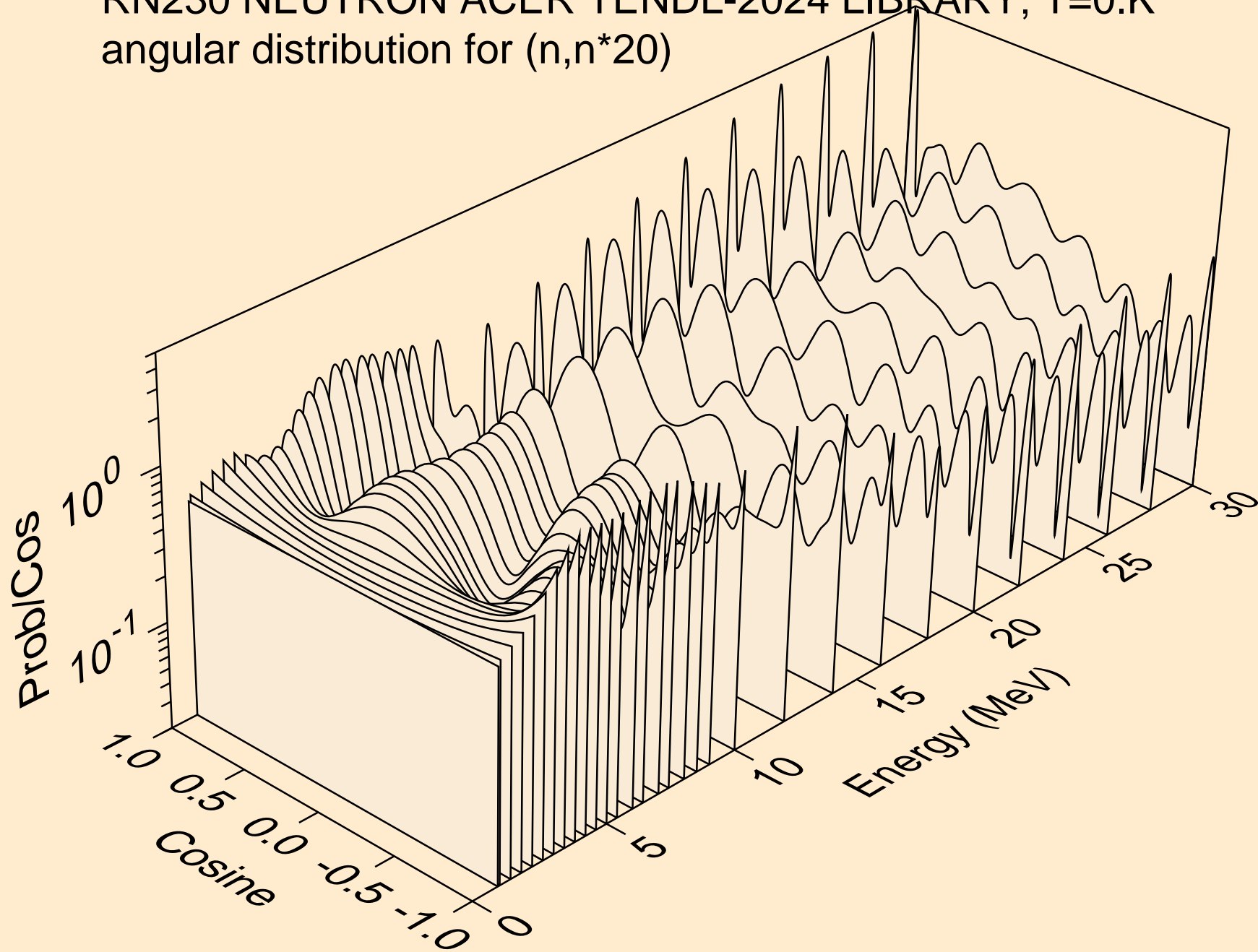
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



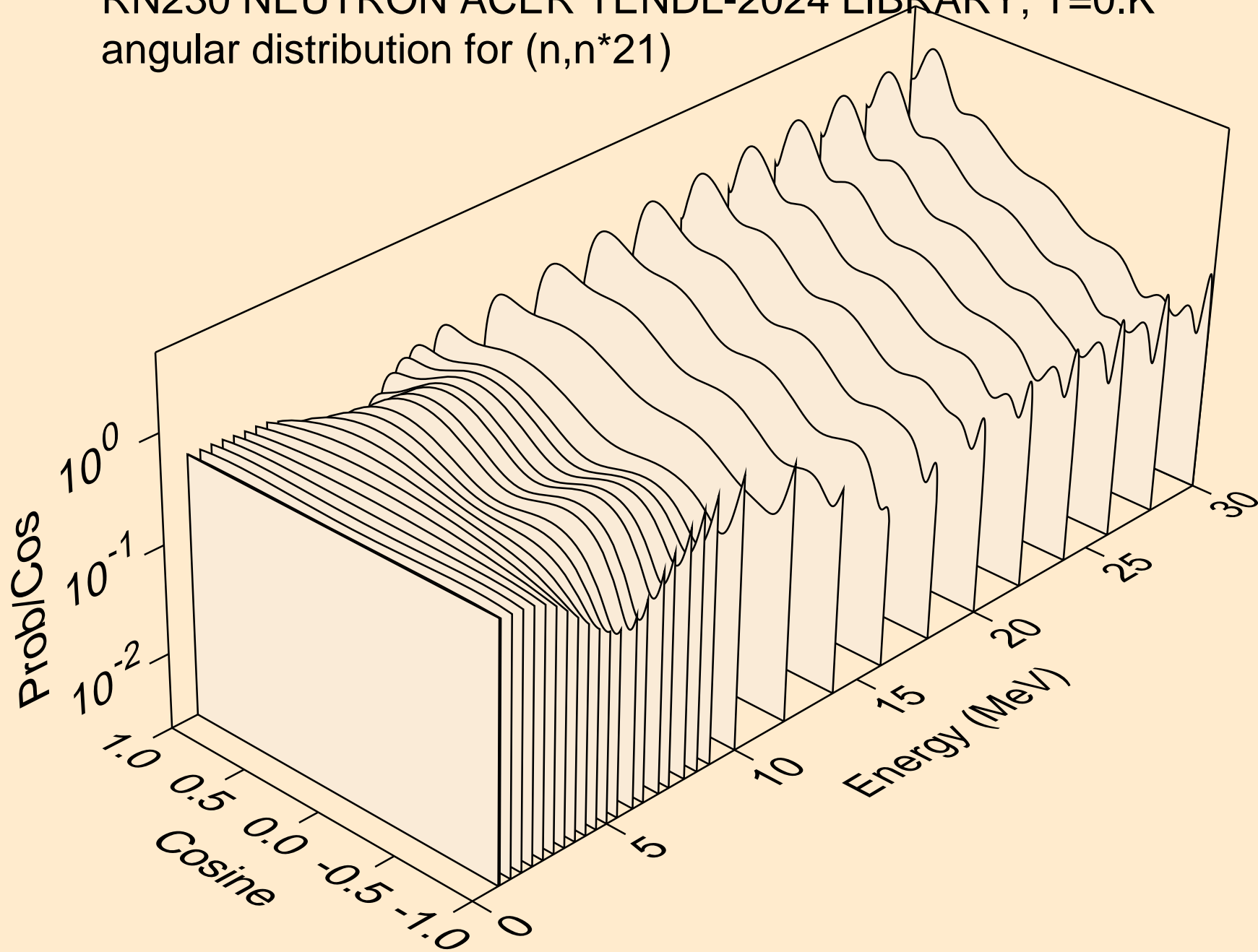
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angular distribution for (n,n\*19)



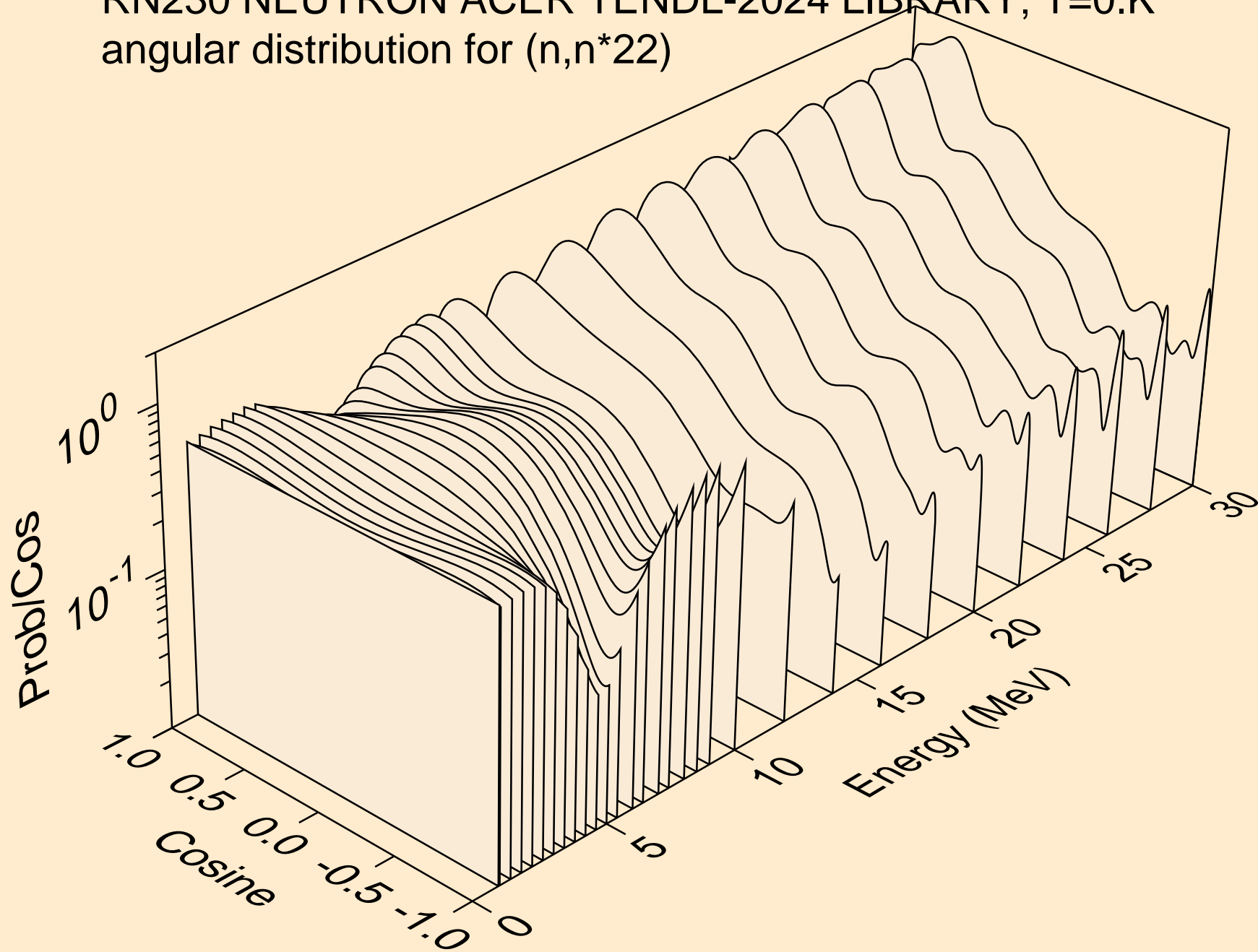
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



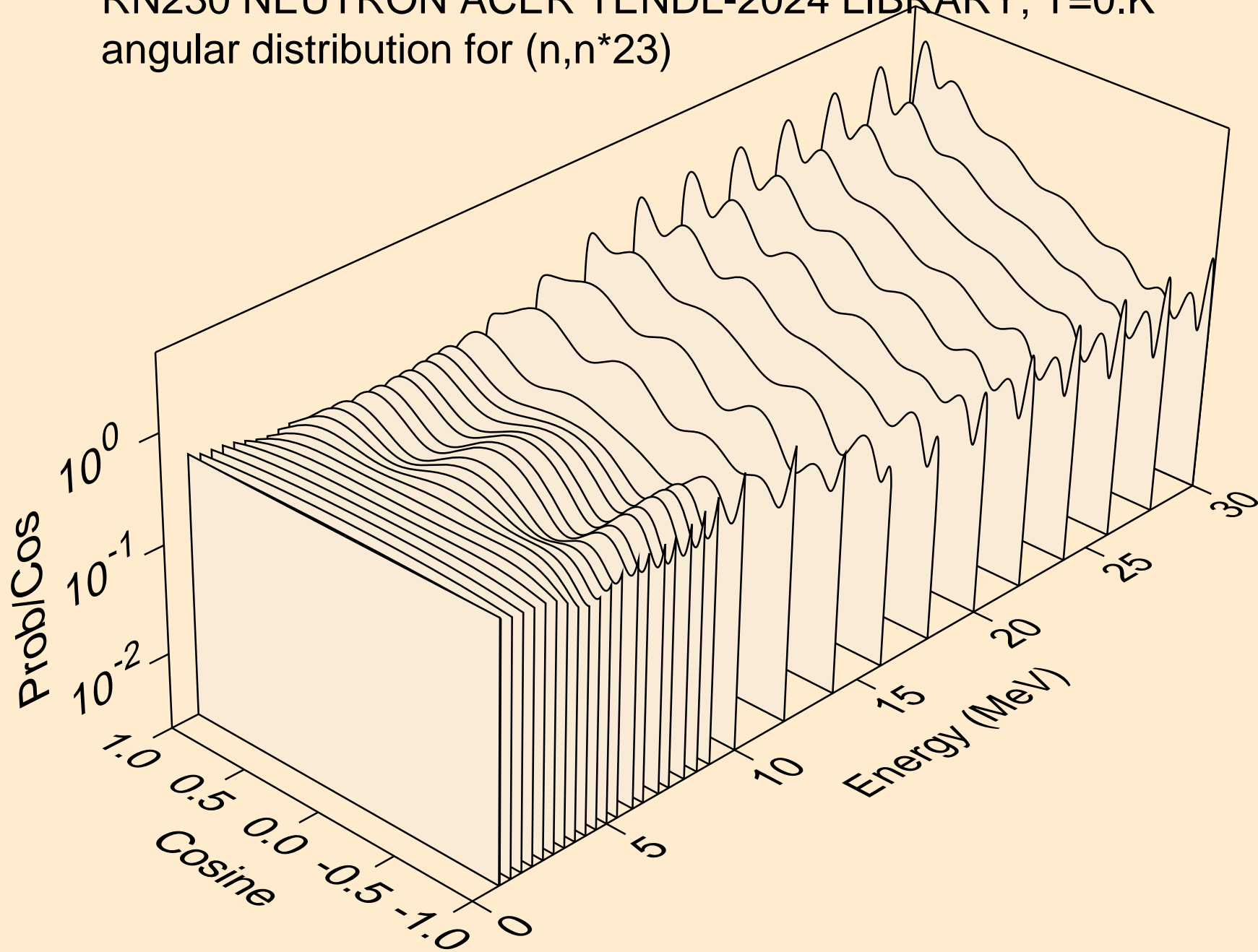
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



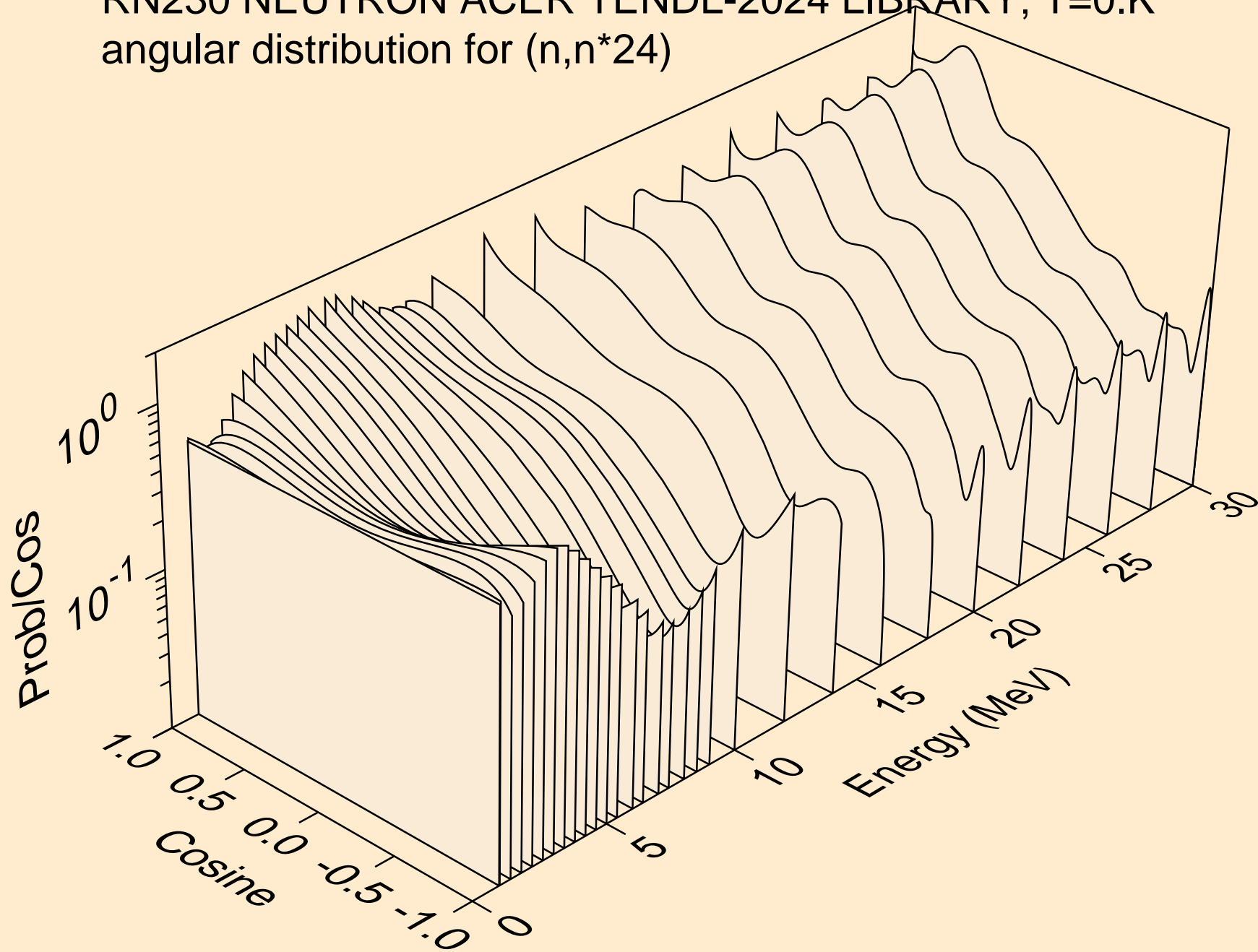
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angular distribution for (n,n\*22)



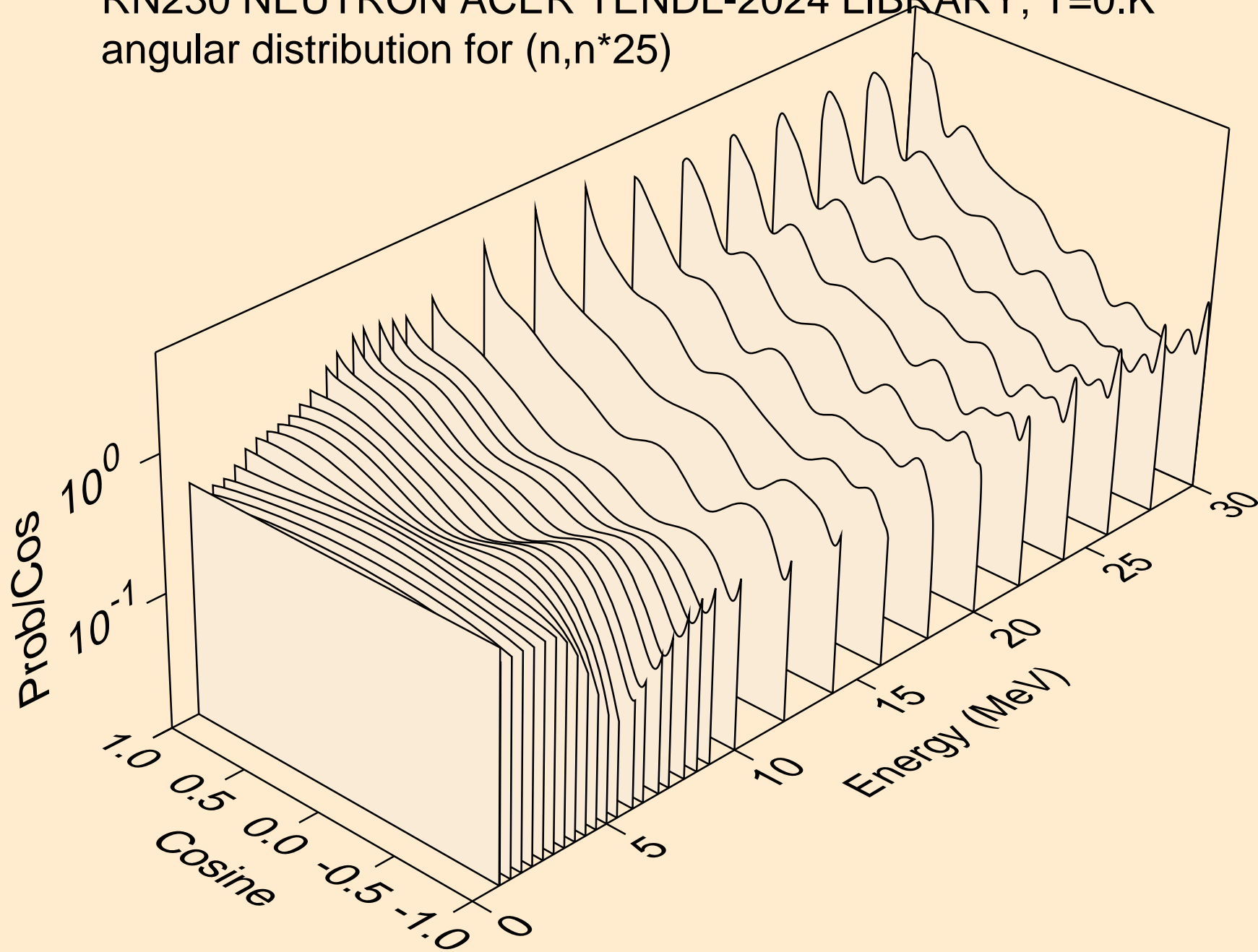
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angular distribution for (n,n\*23)



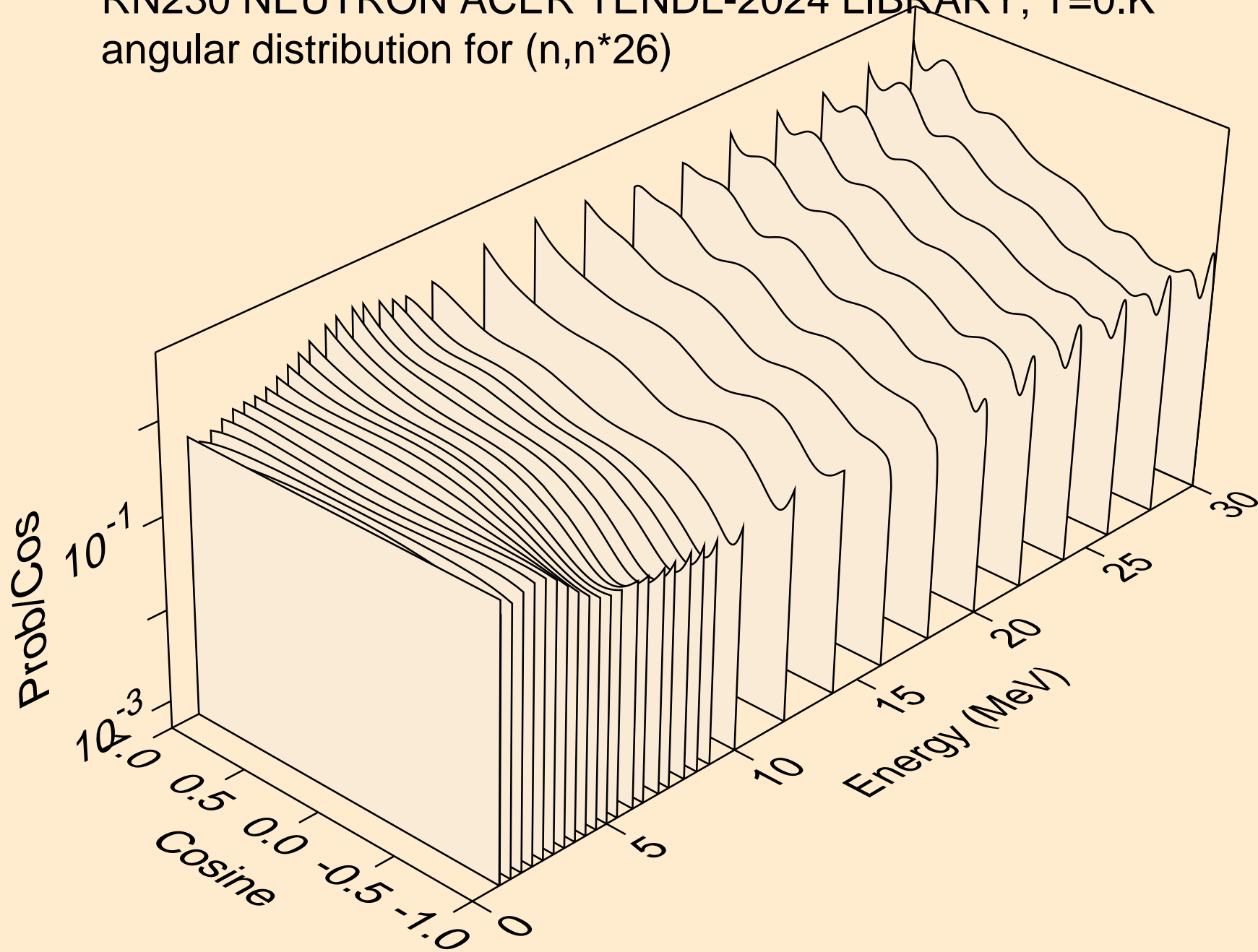
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angular distribution for (n,n\*24)



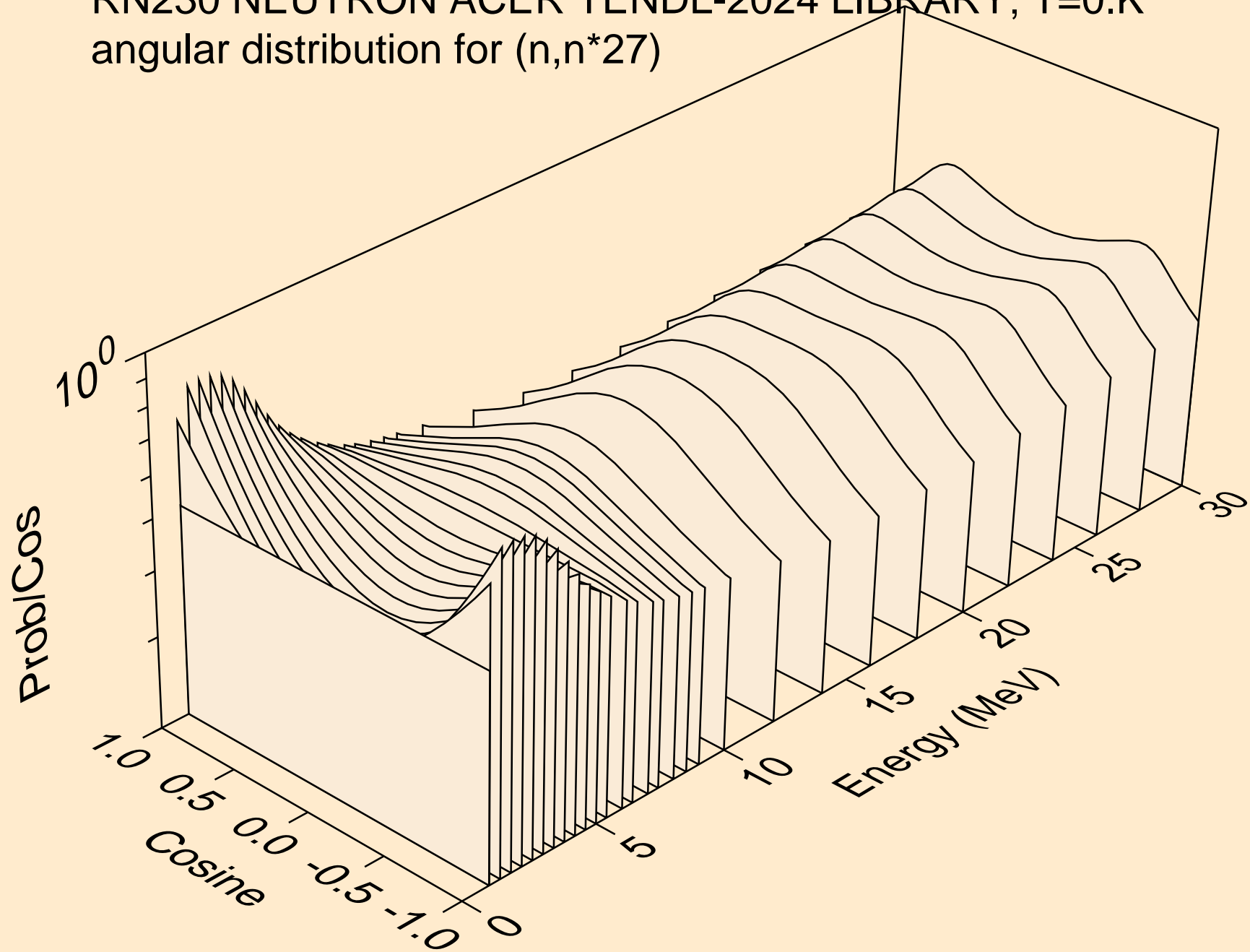
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



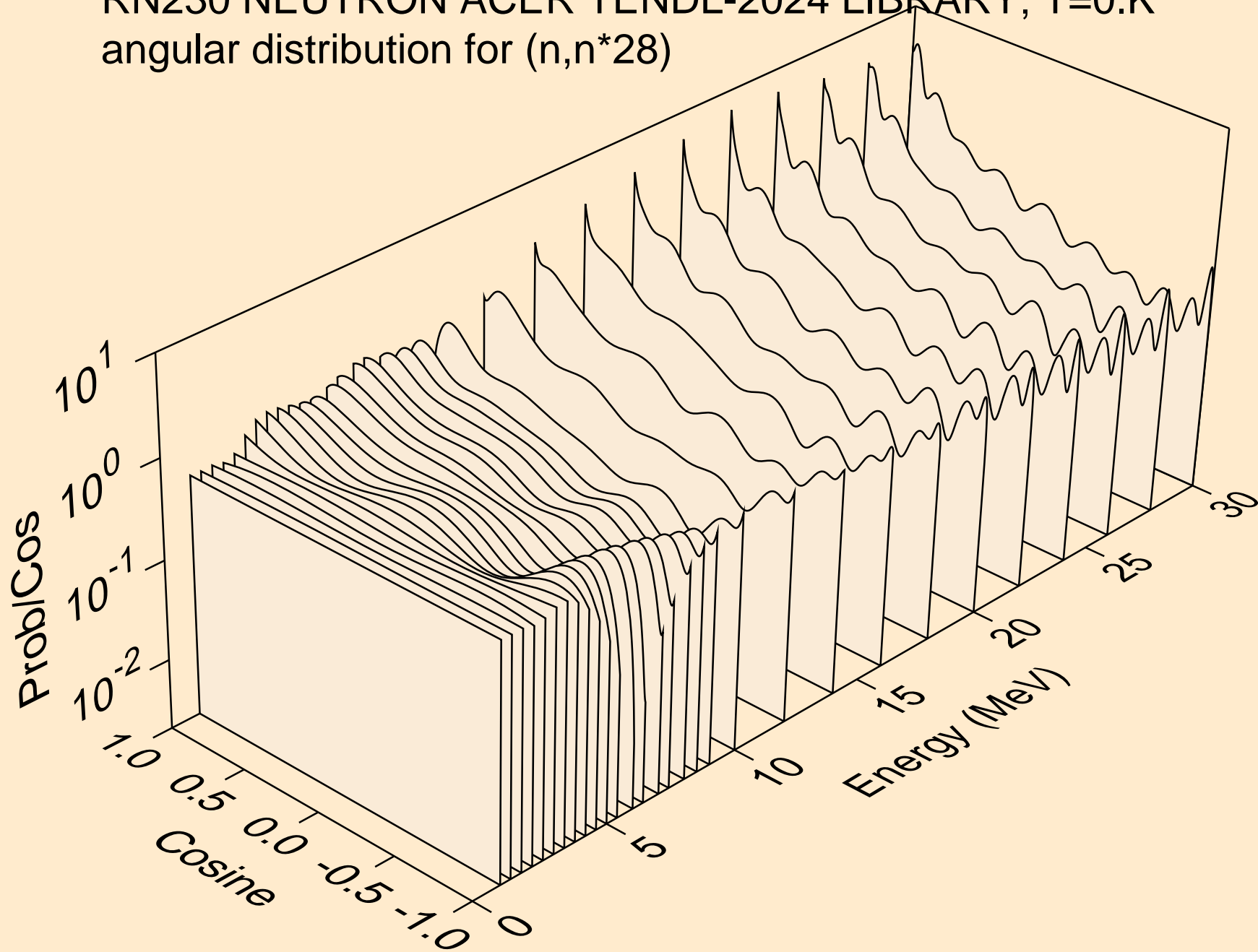
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



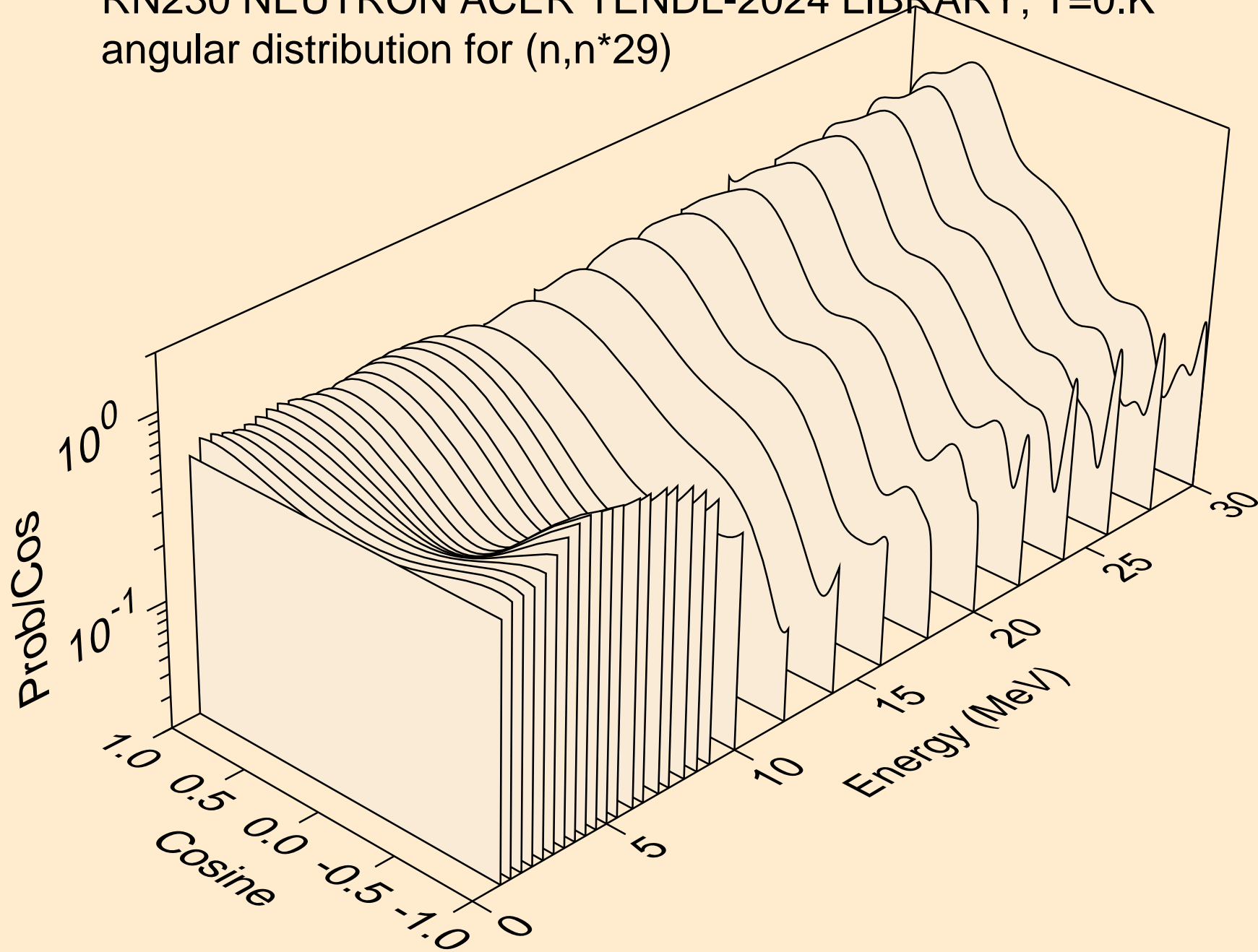
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



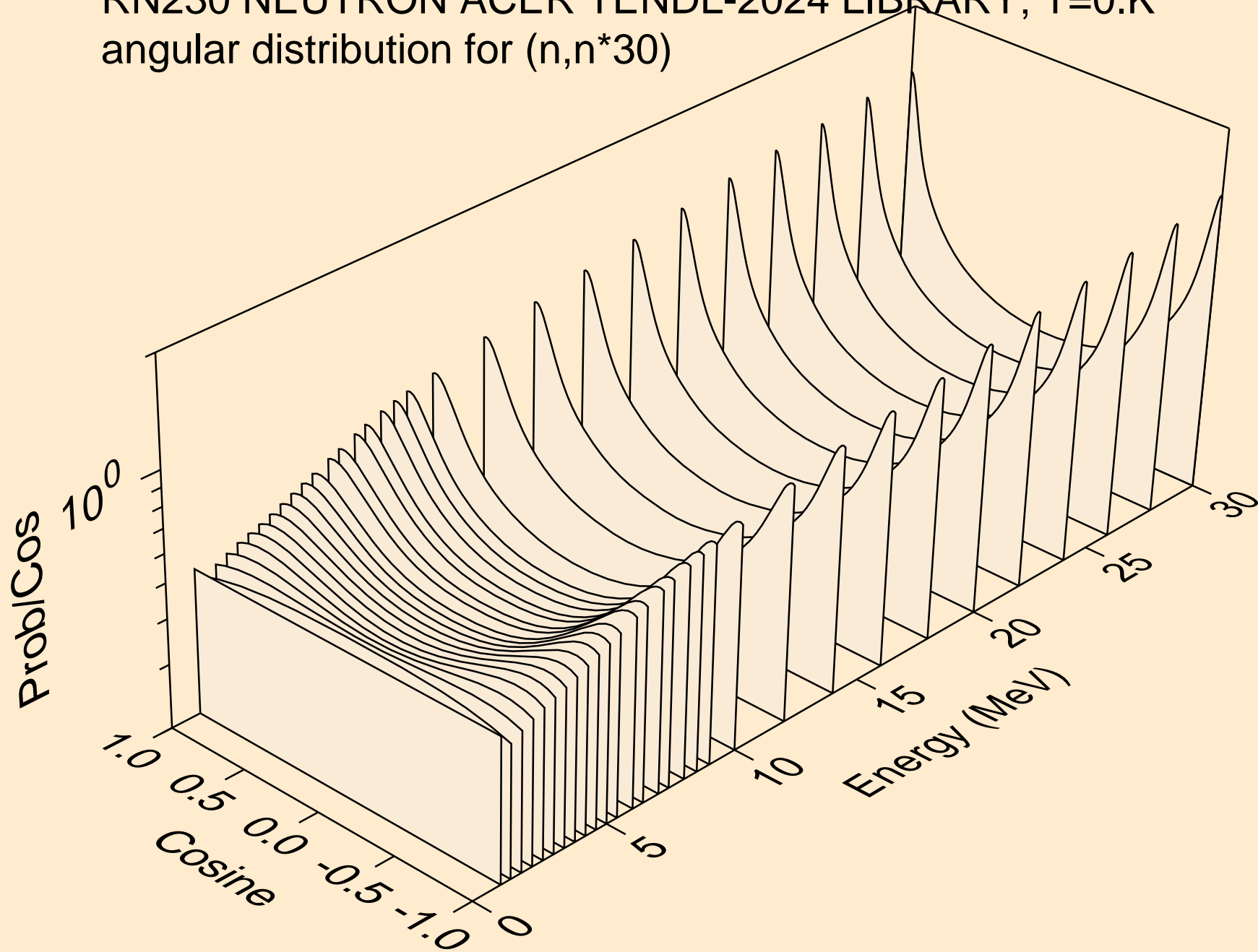
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

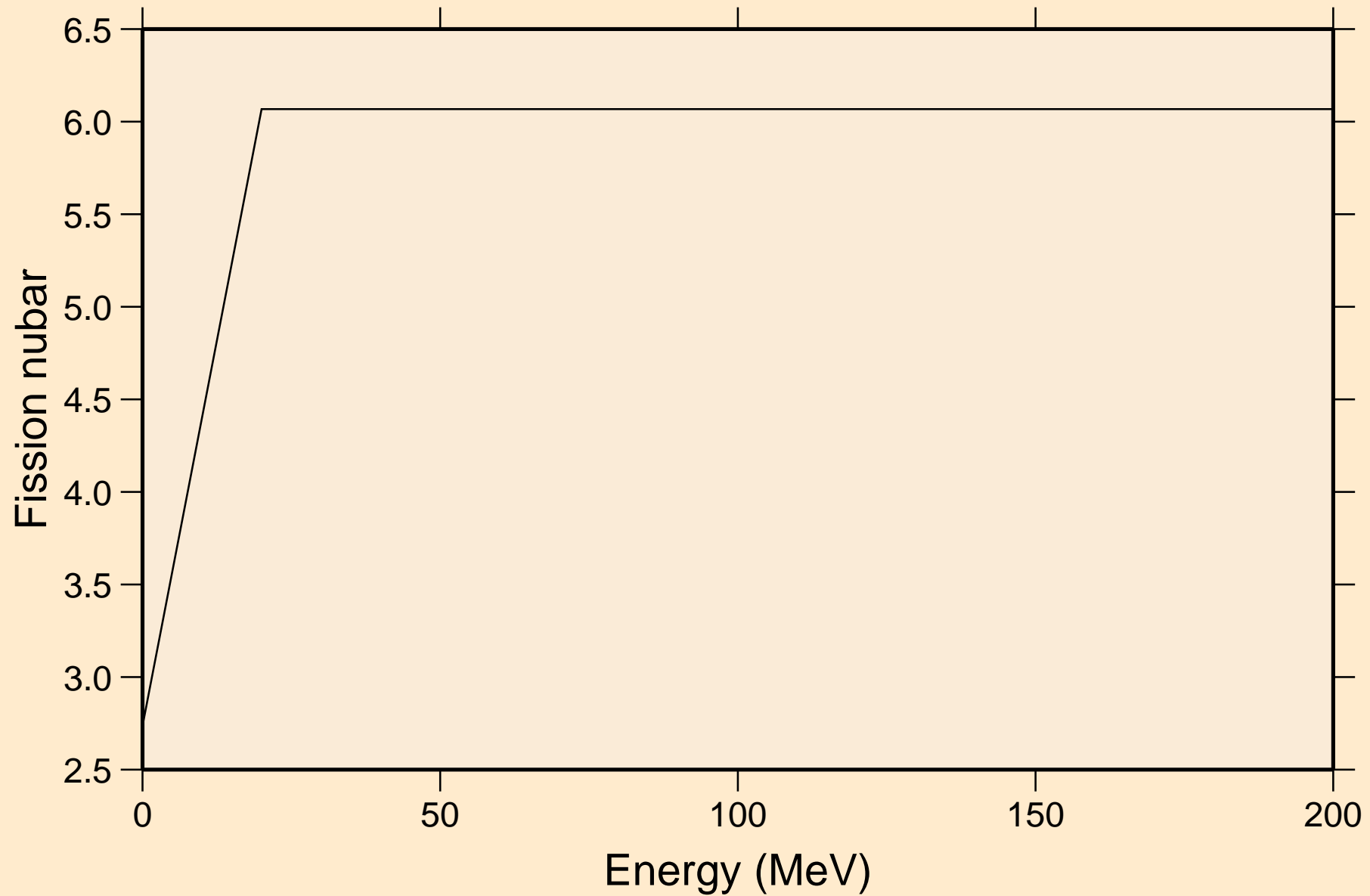


RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

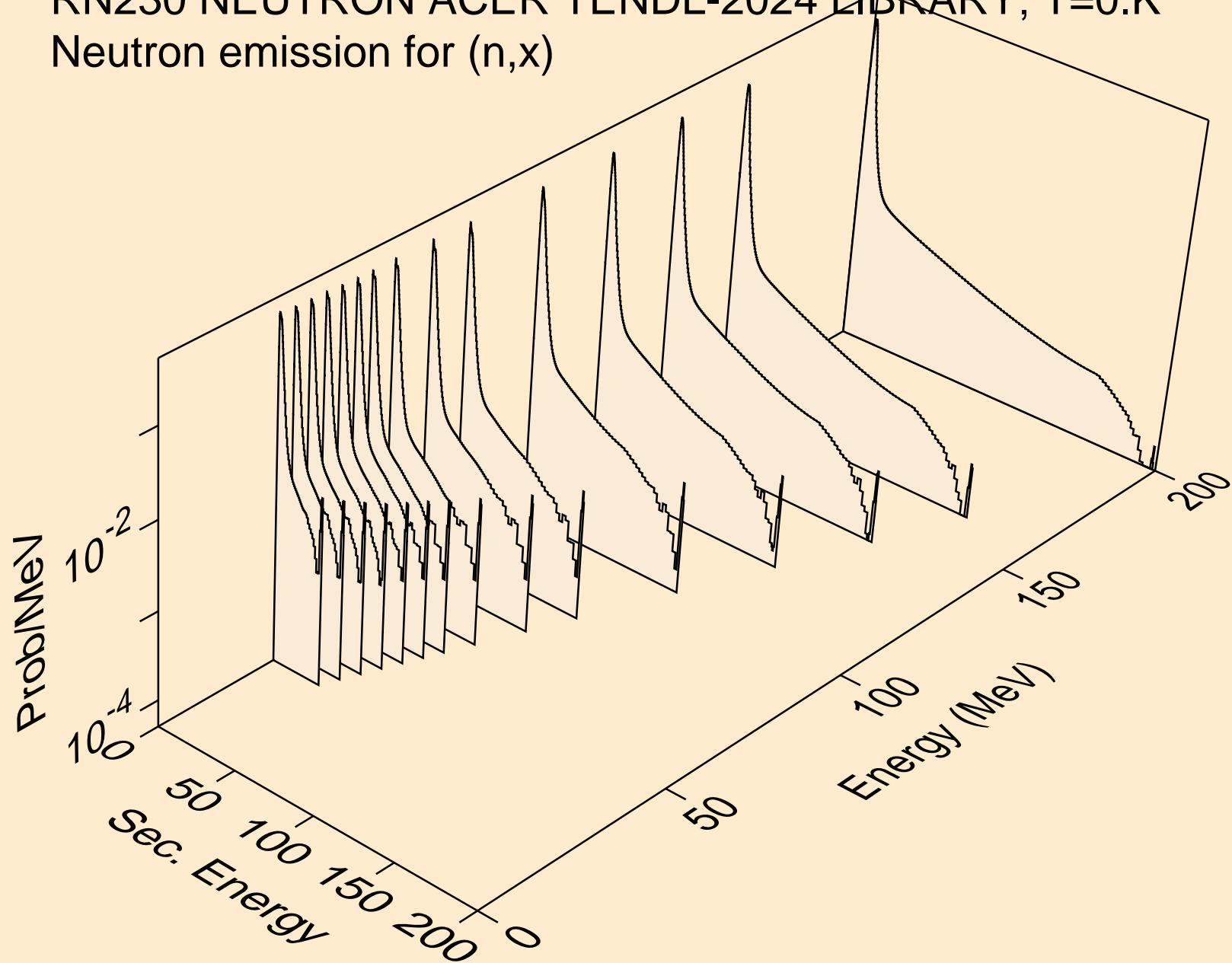


# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

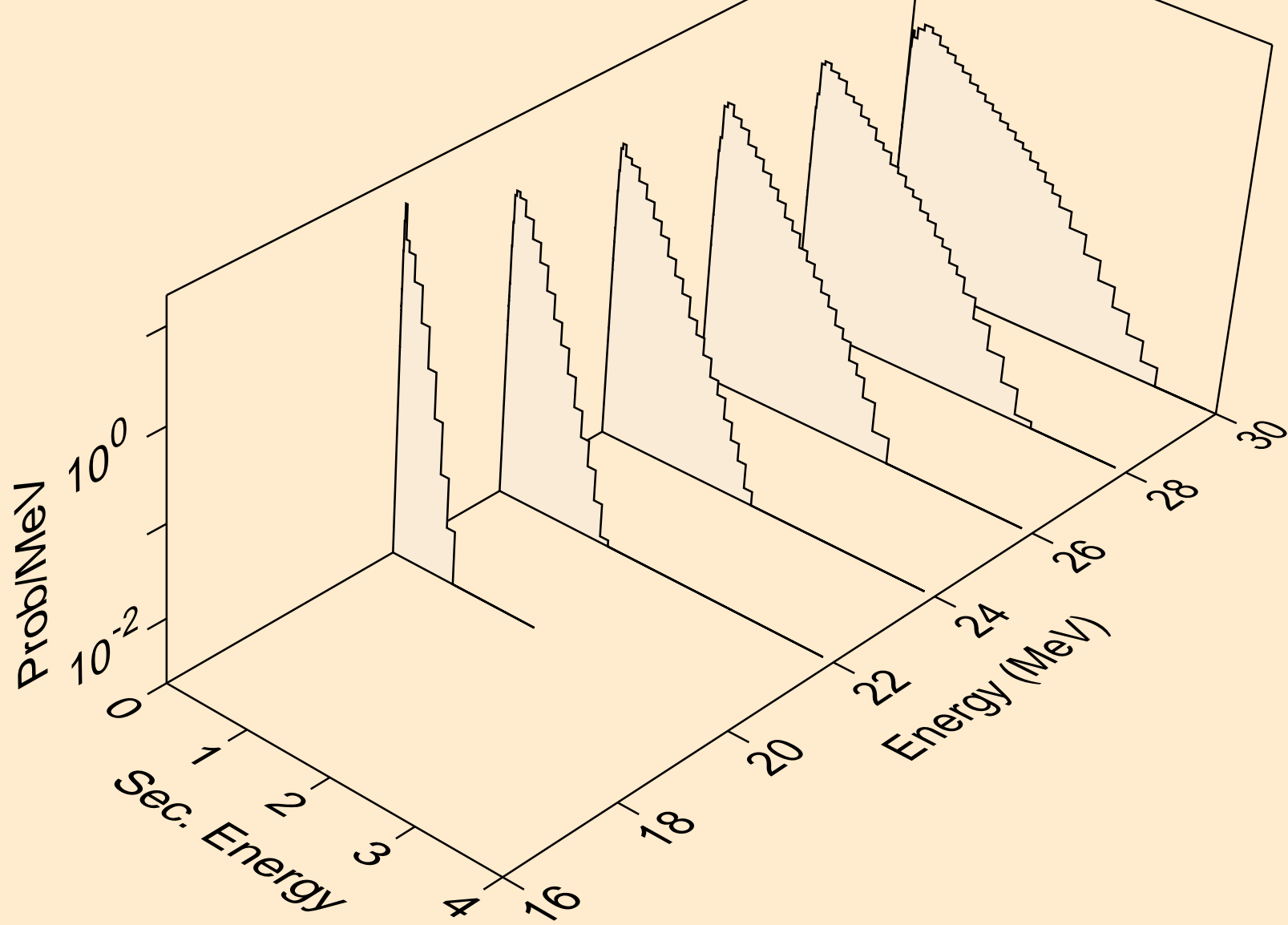
## Total fission nubar



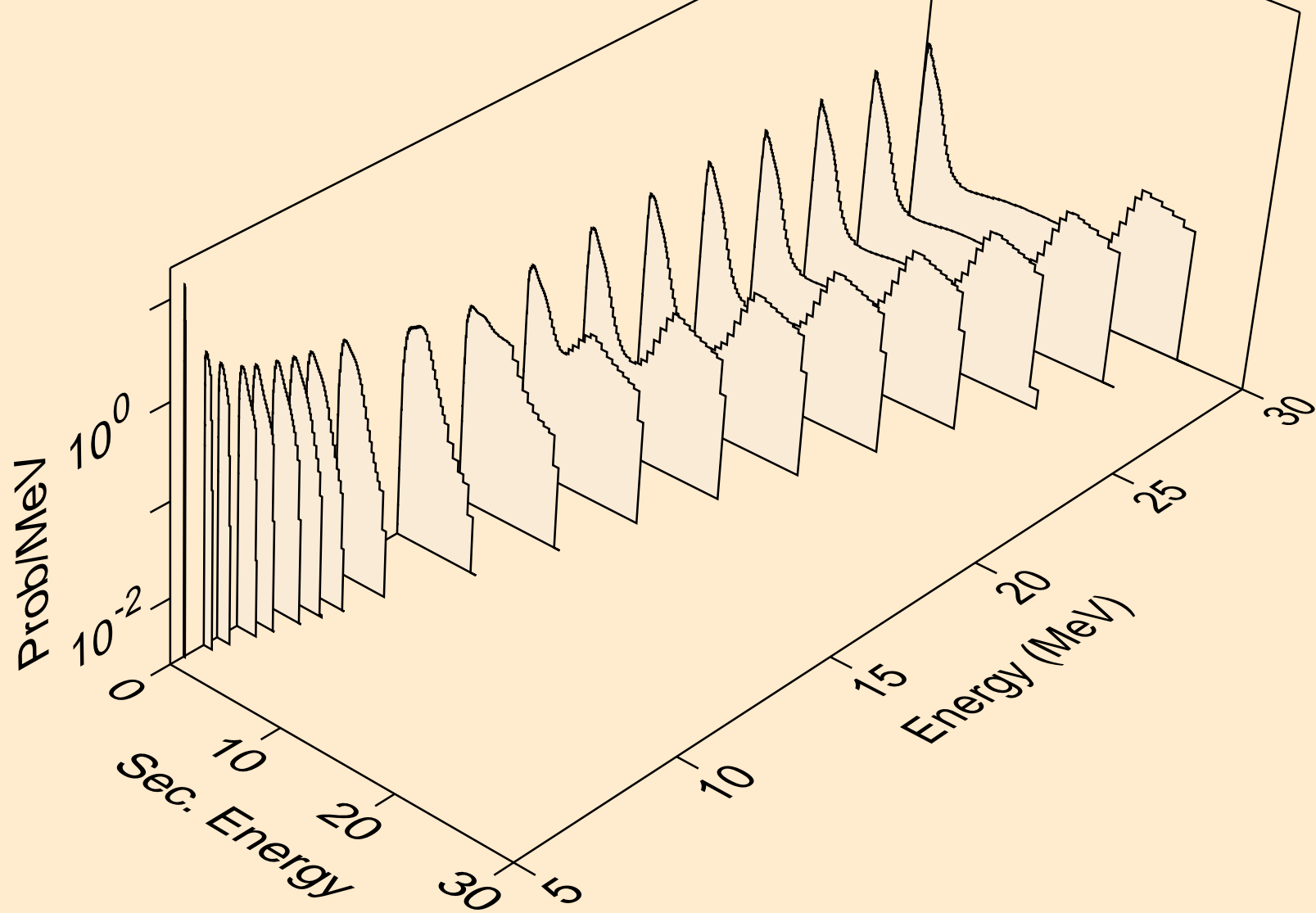
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



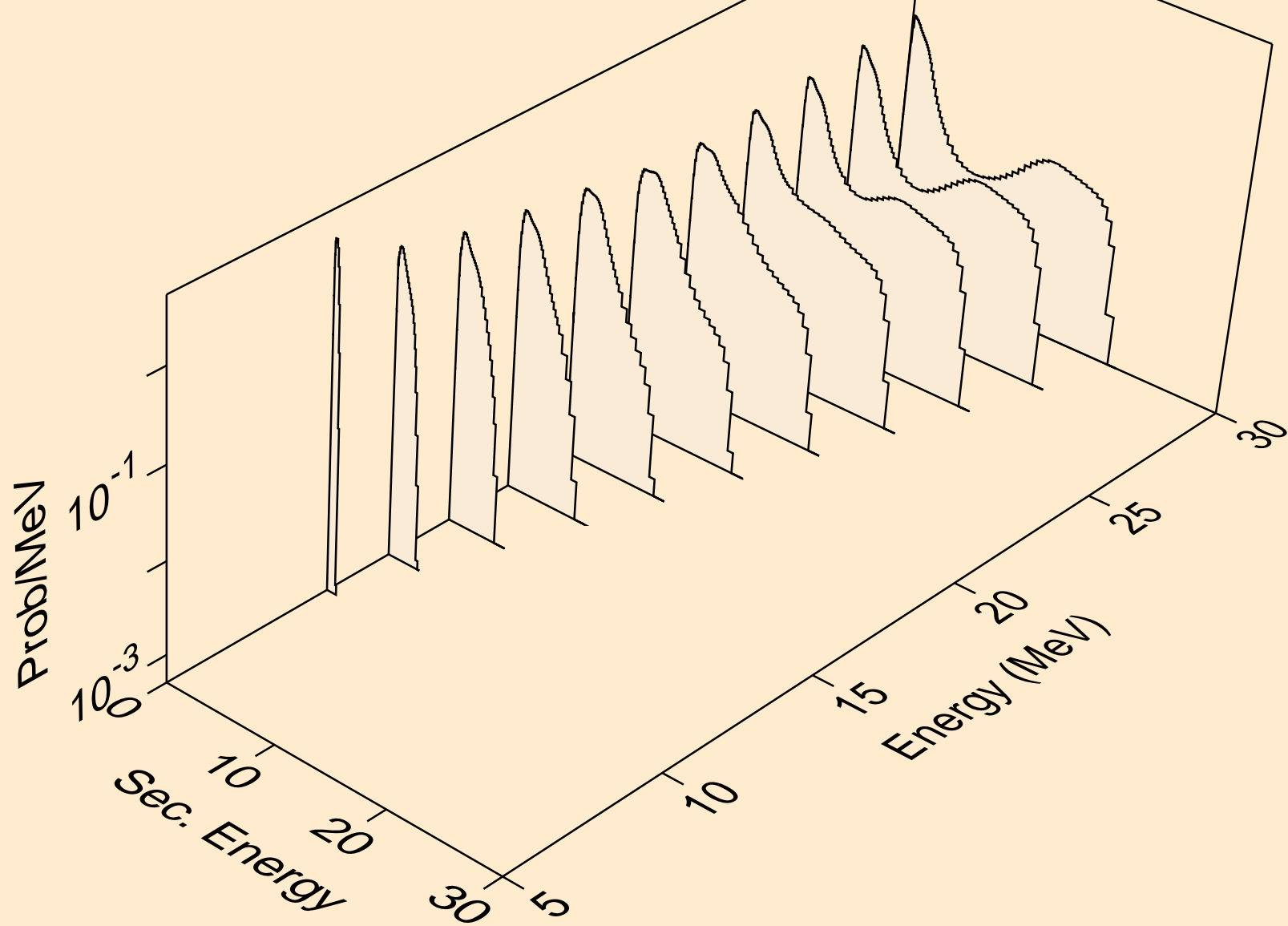
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



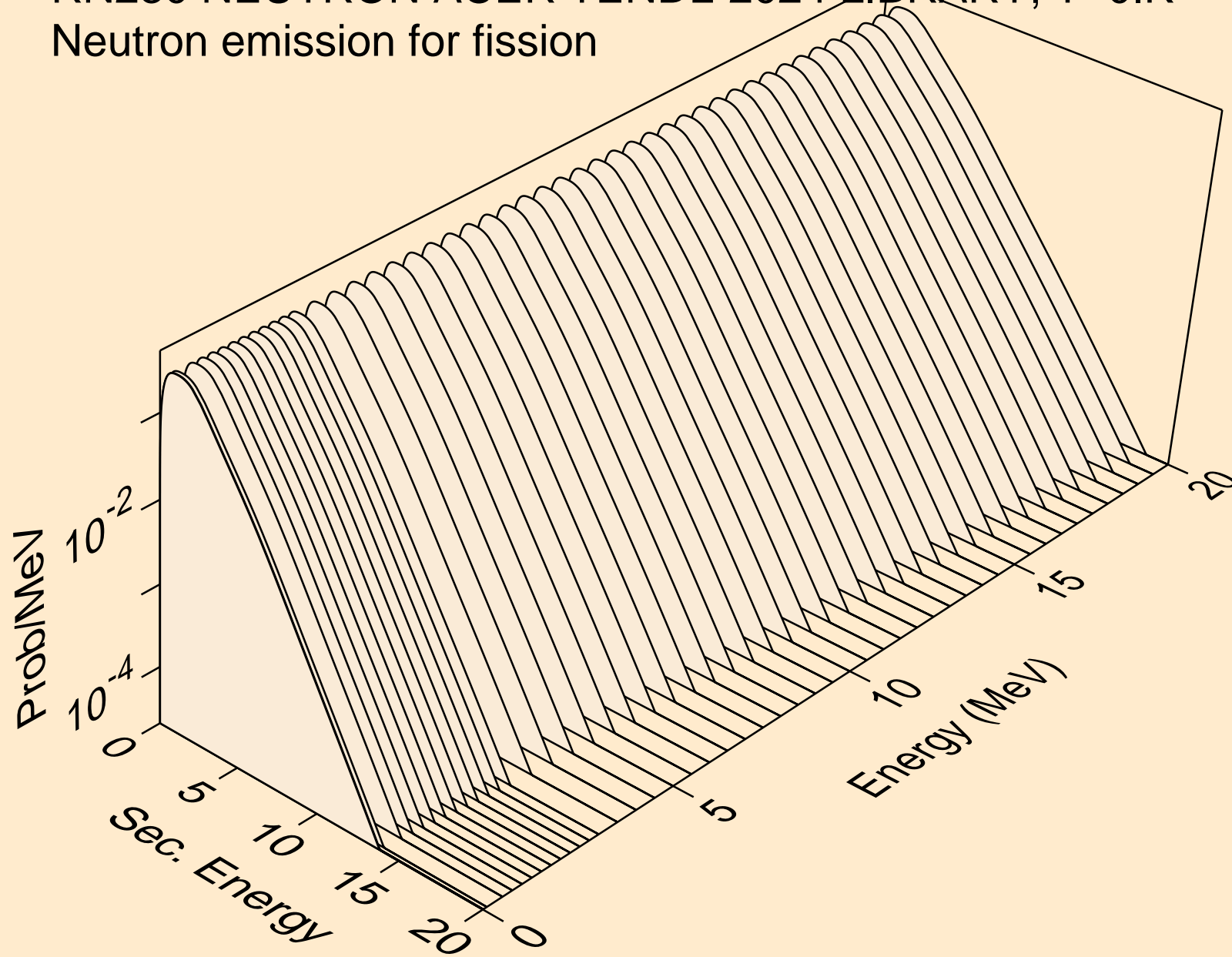
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



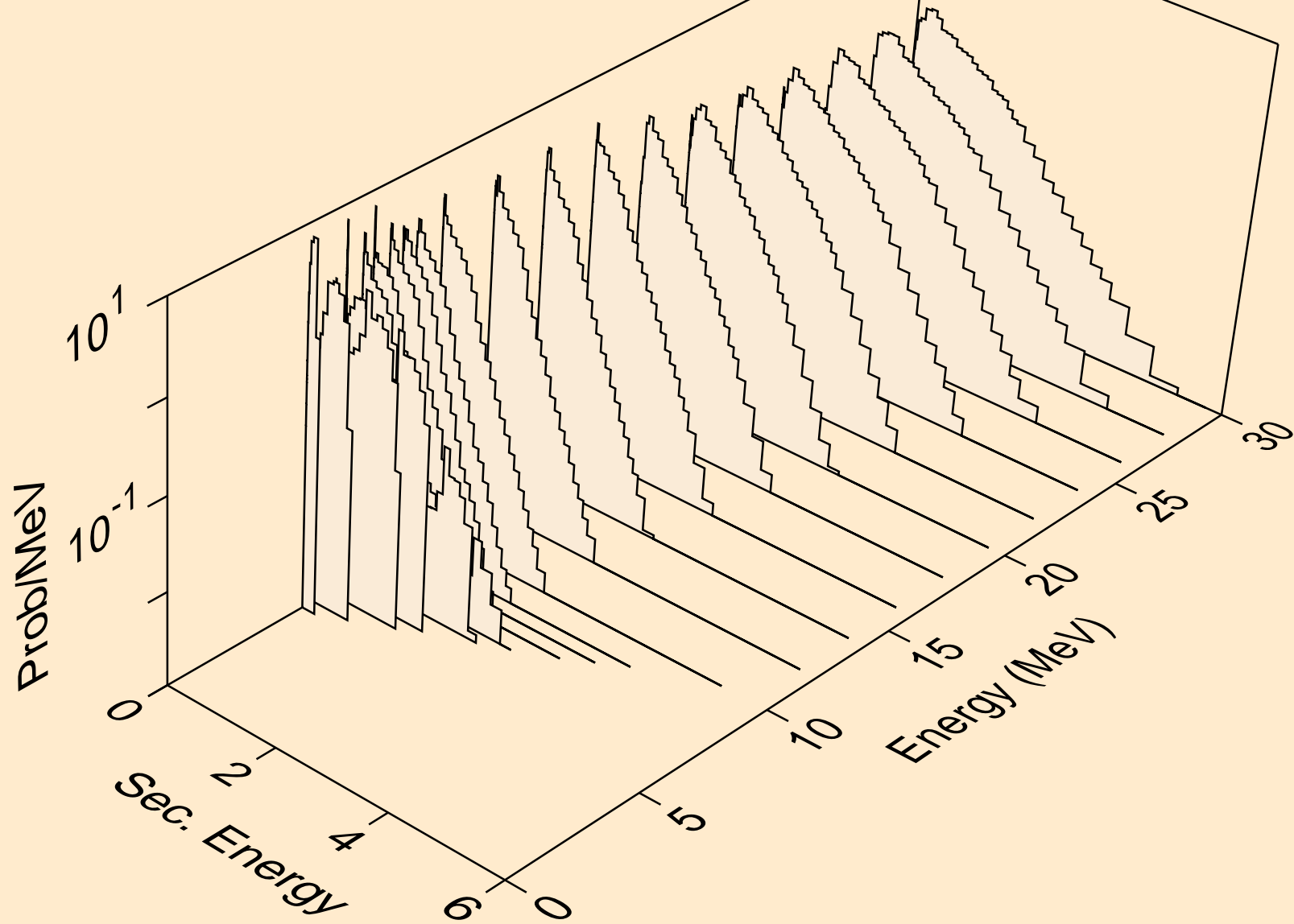
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



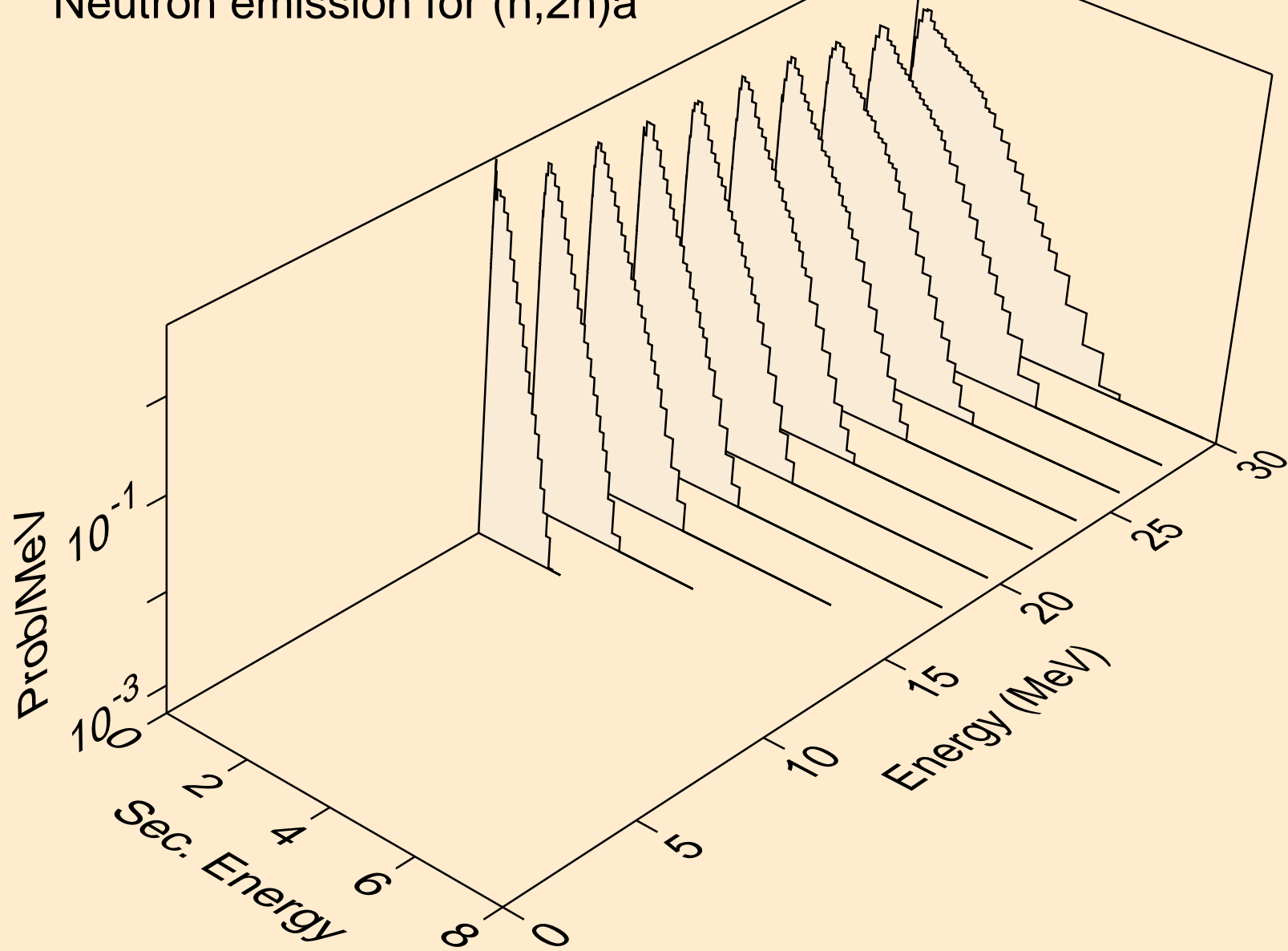
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



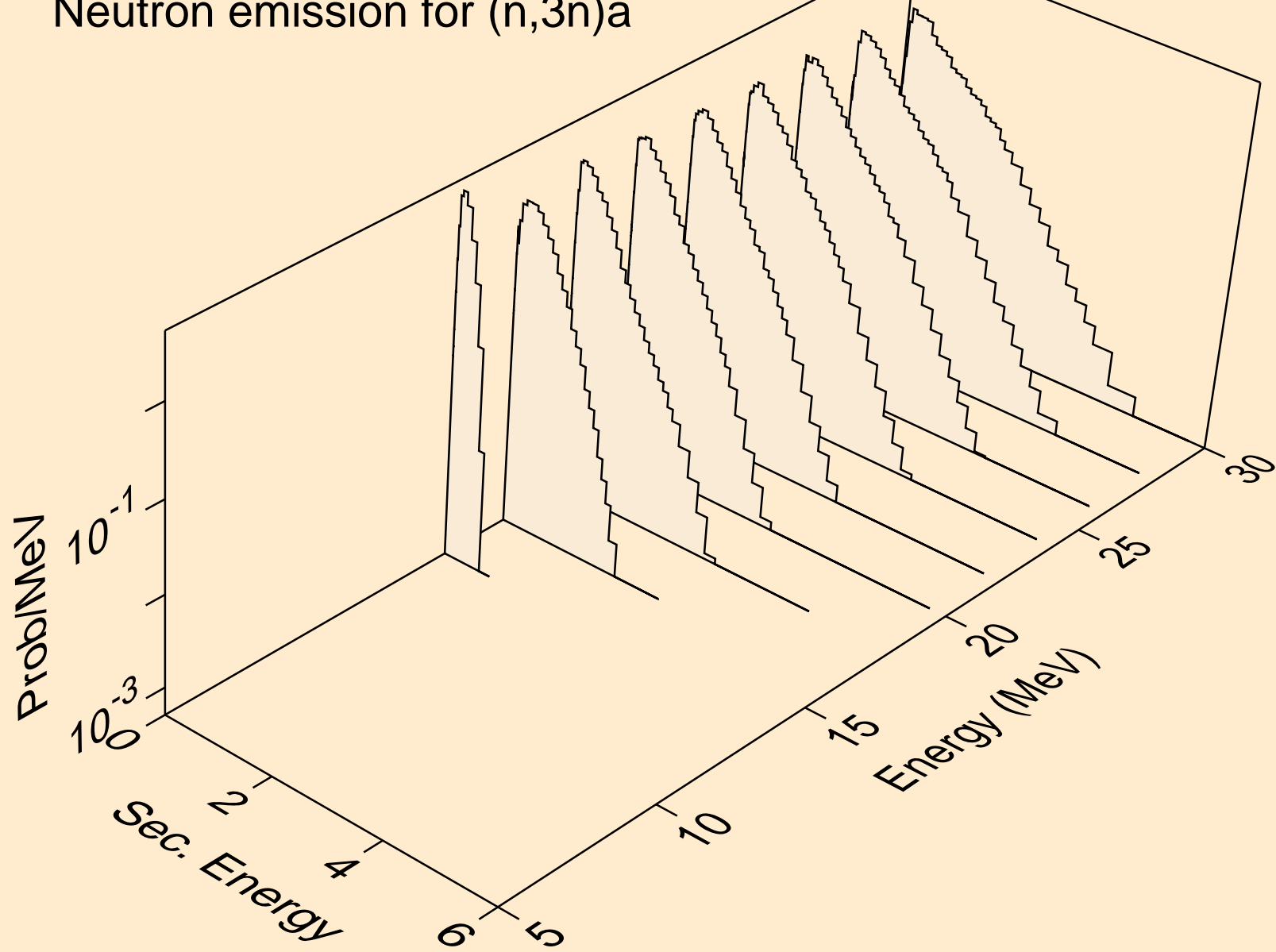
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



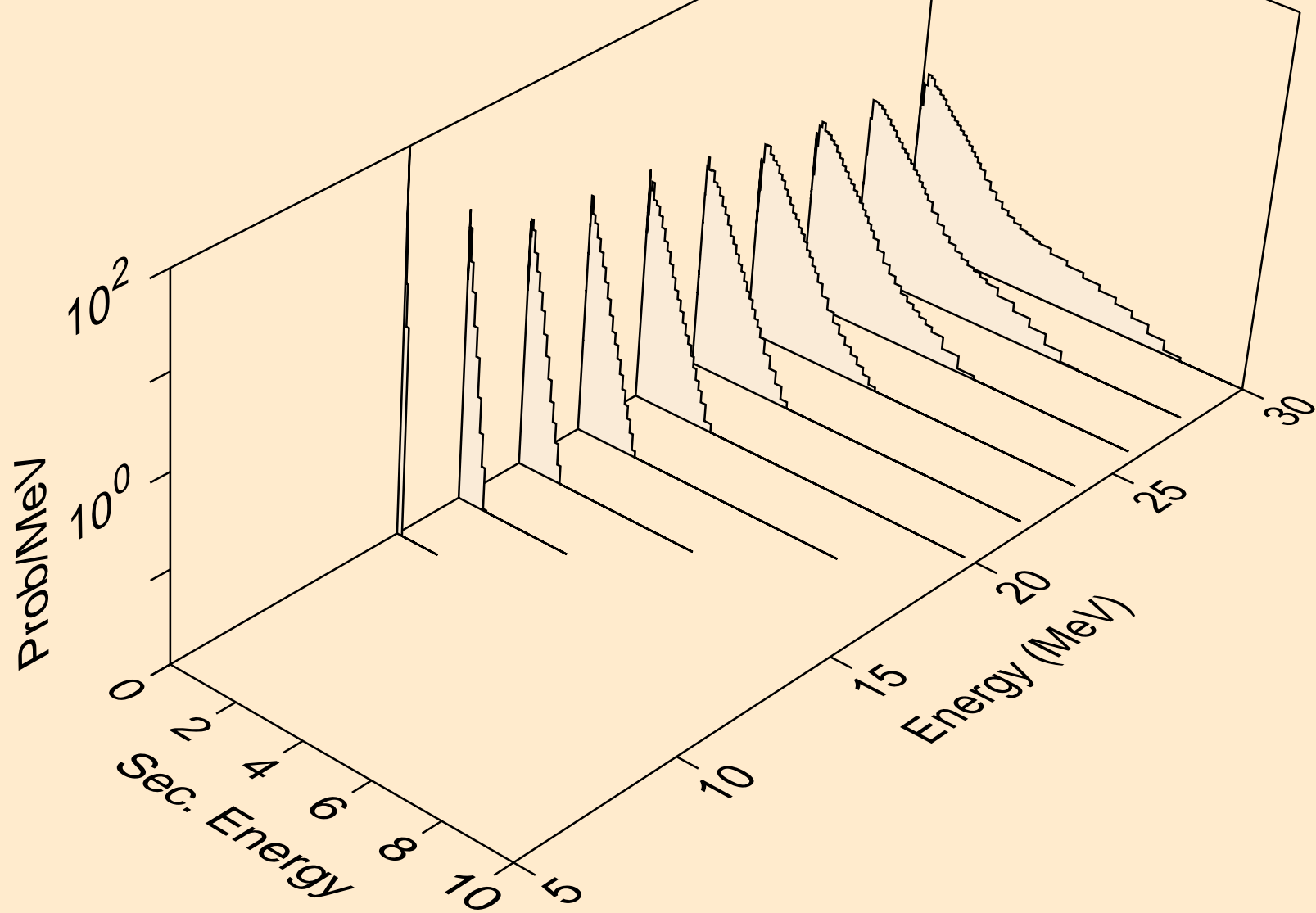
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



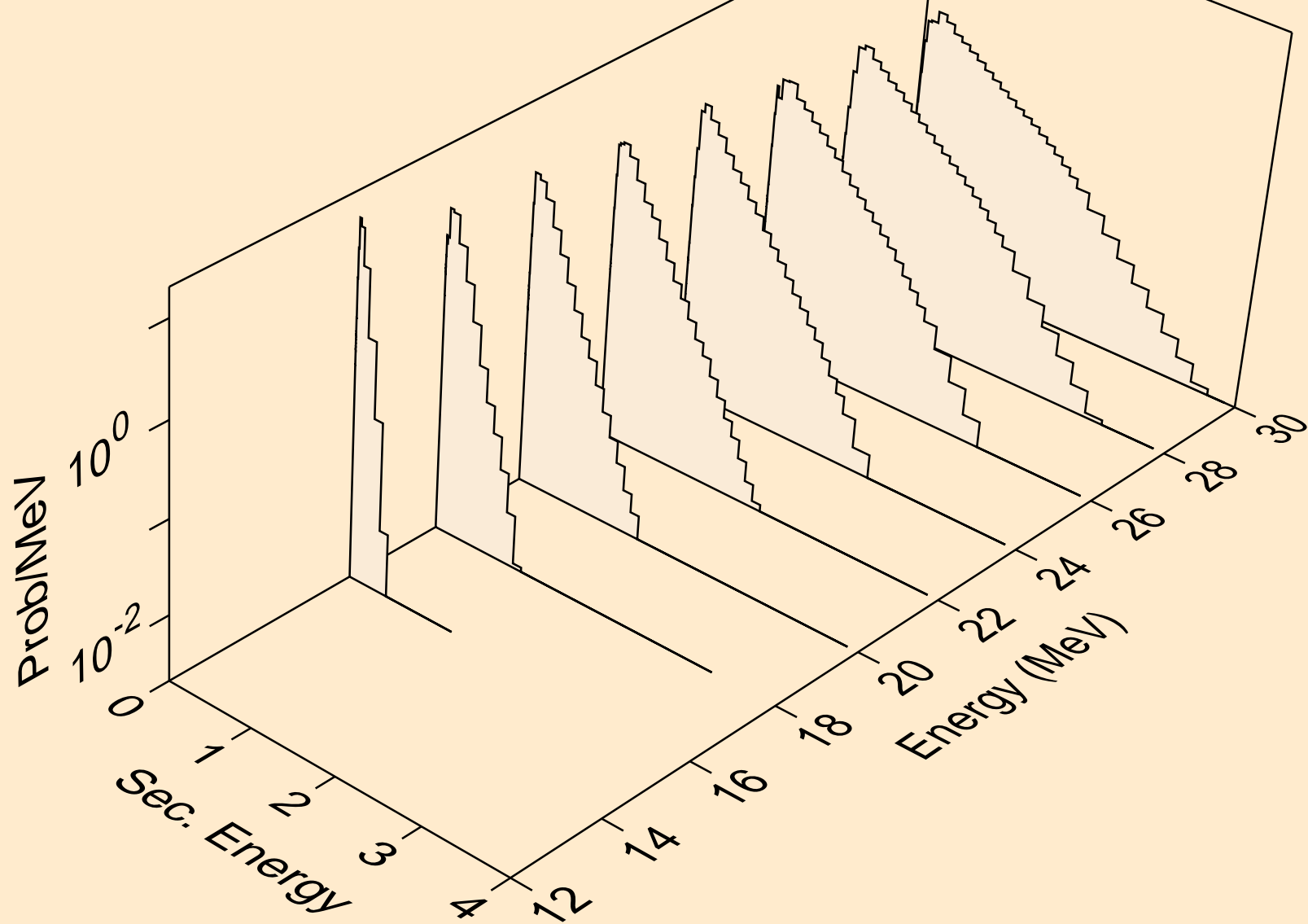
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



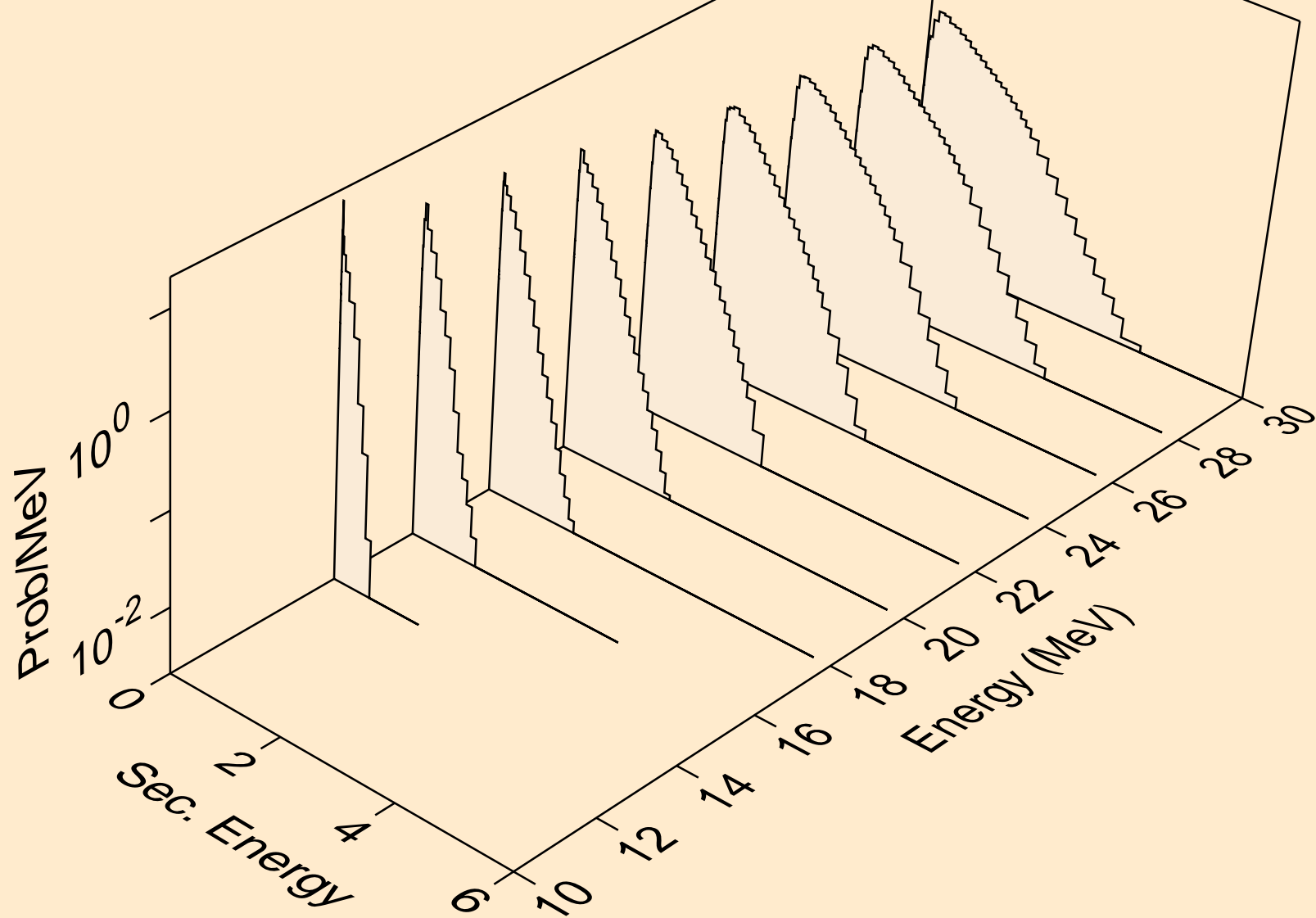
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



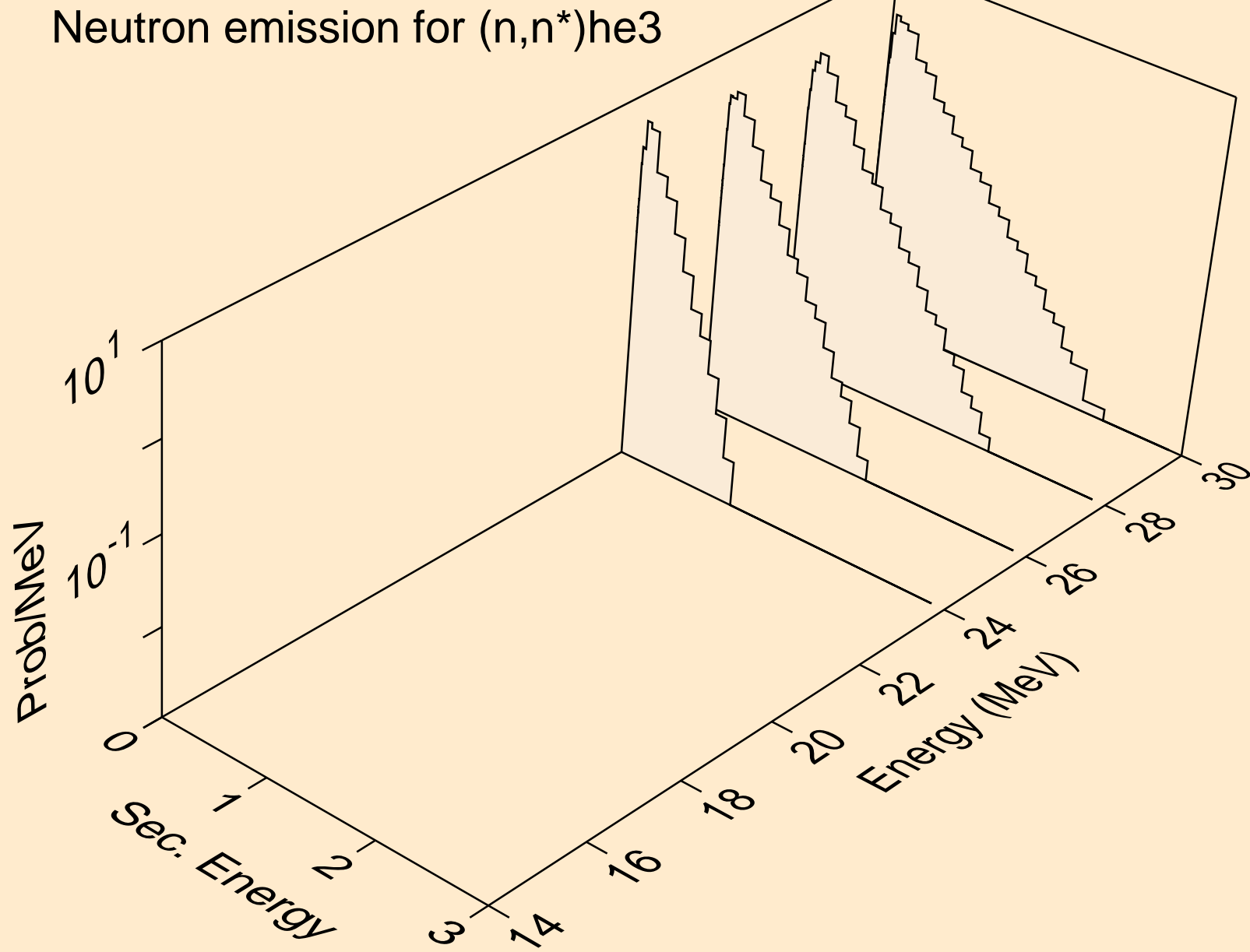
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



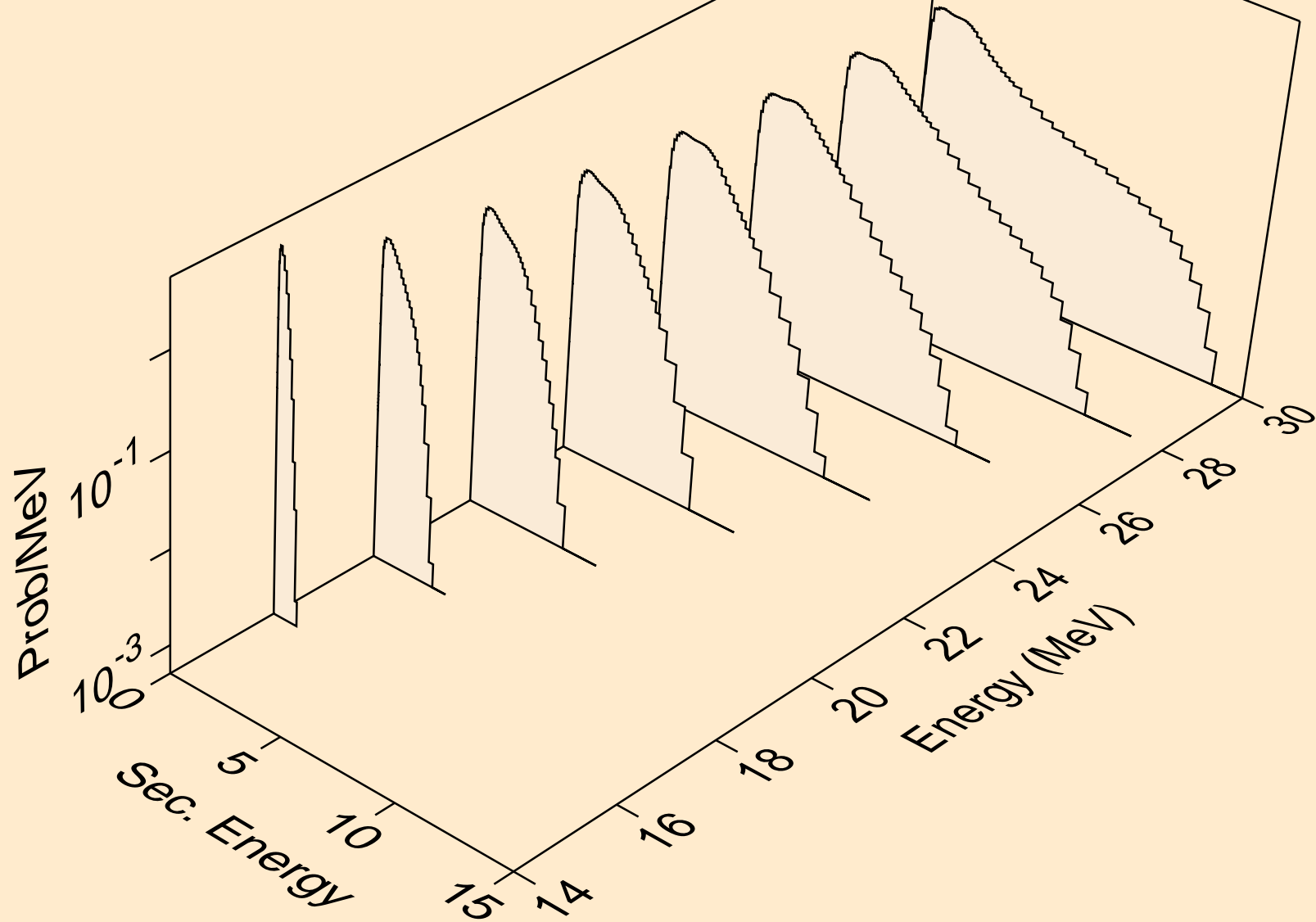
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



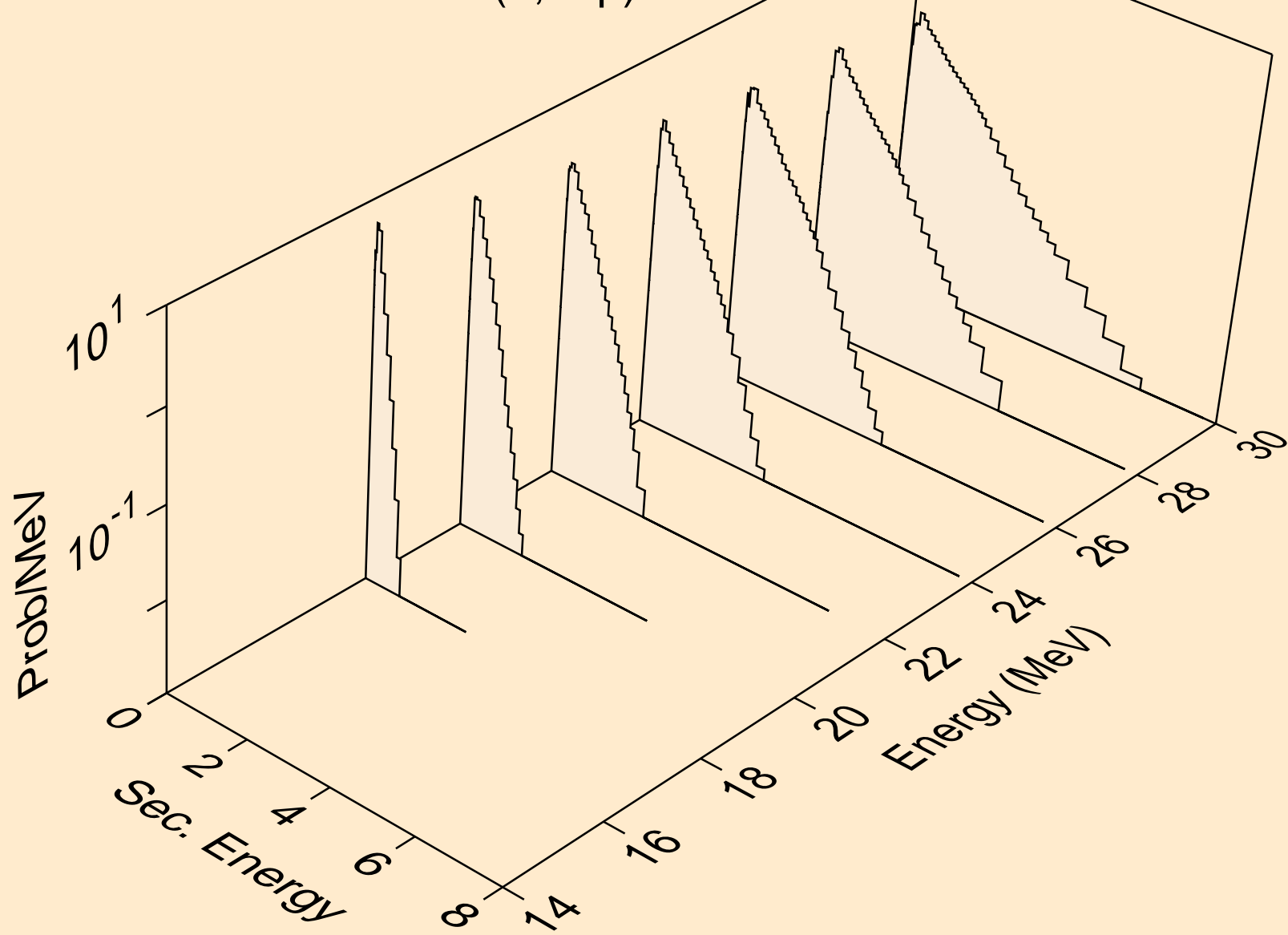
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



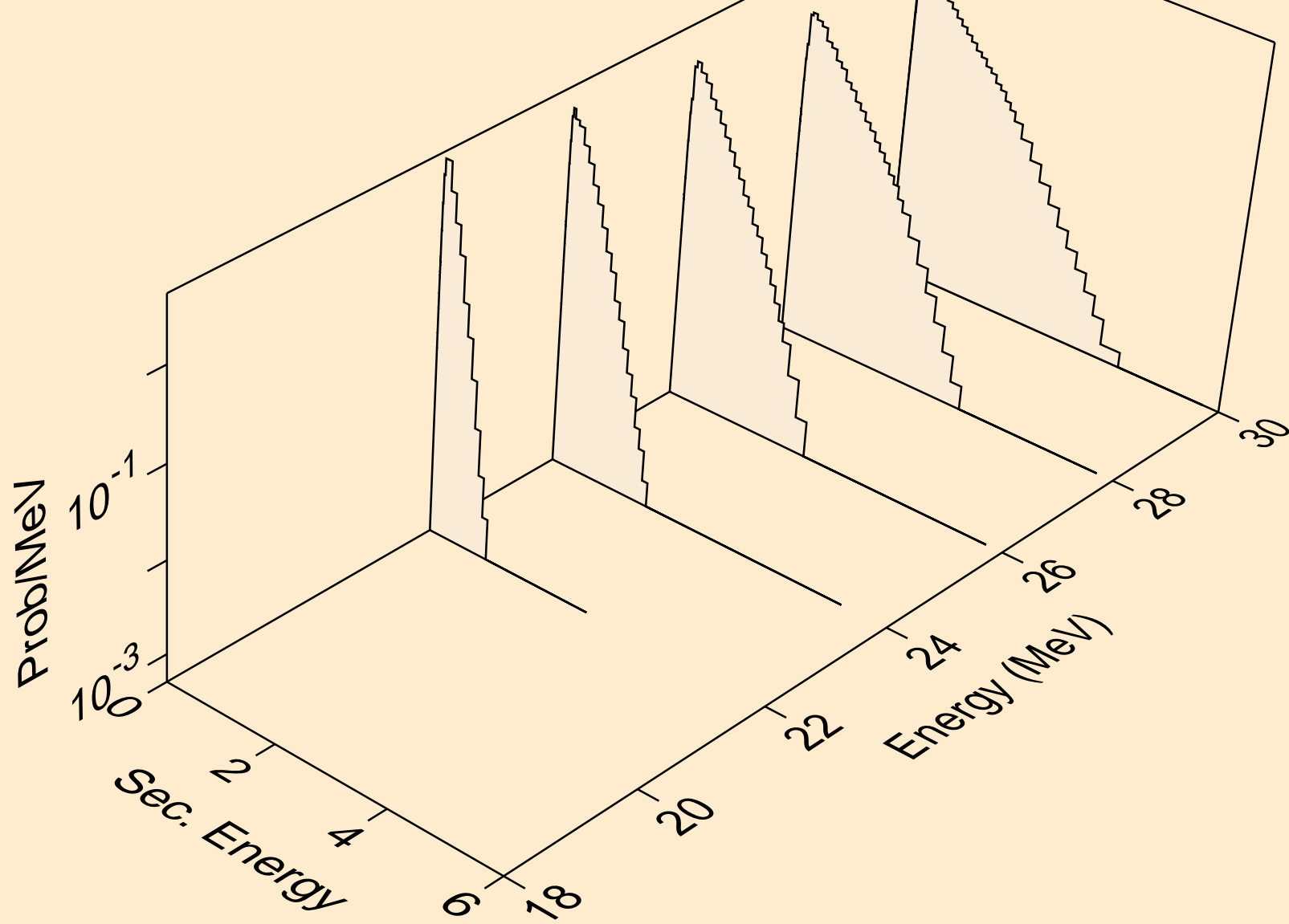
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



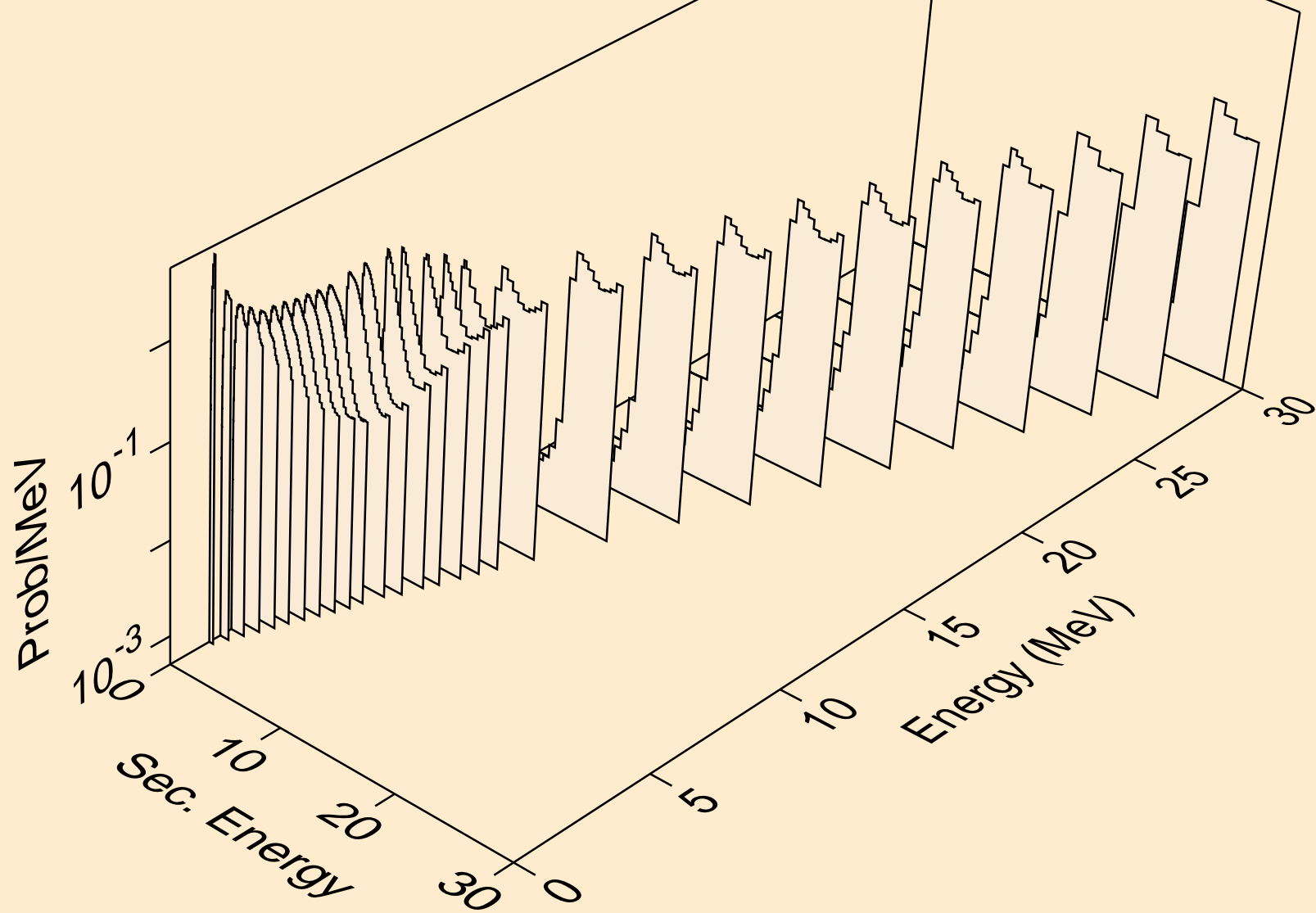
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

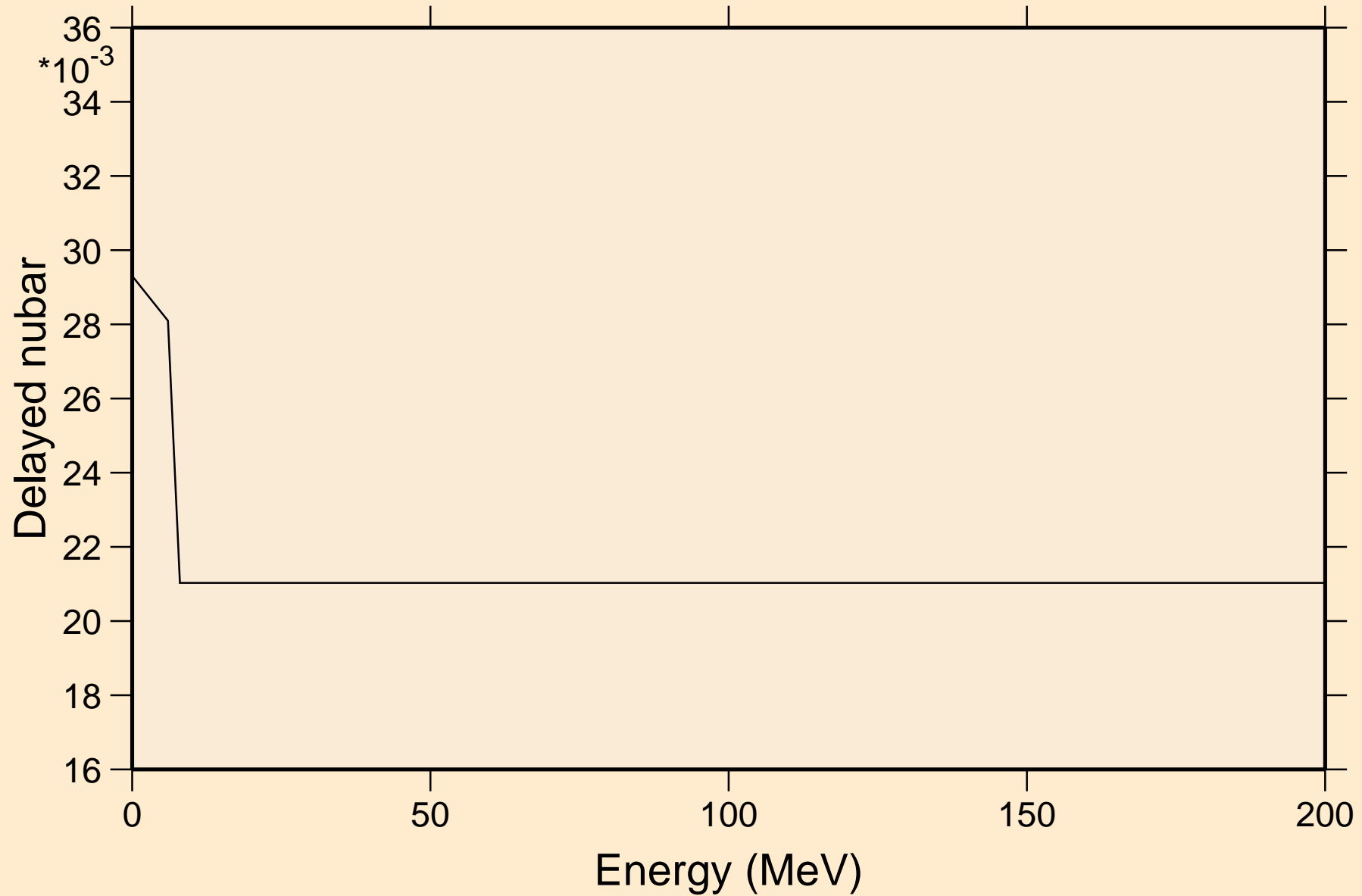


RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



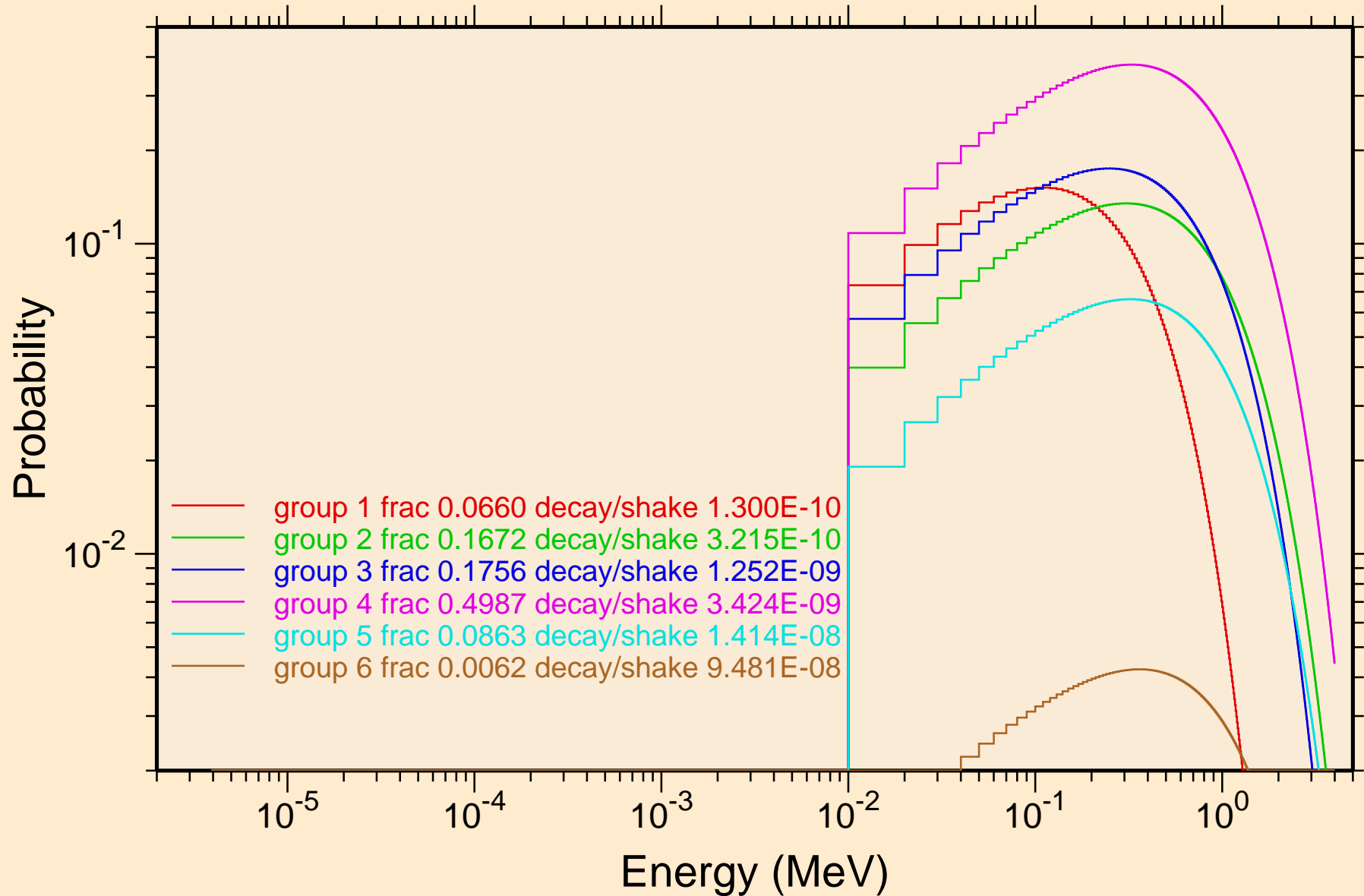
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## Delayed nubar

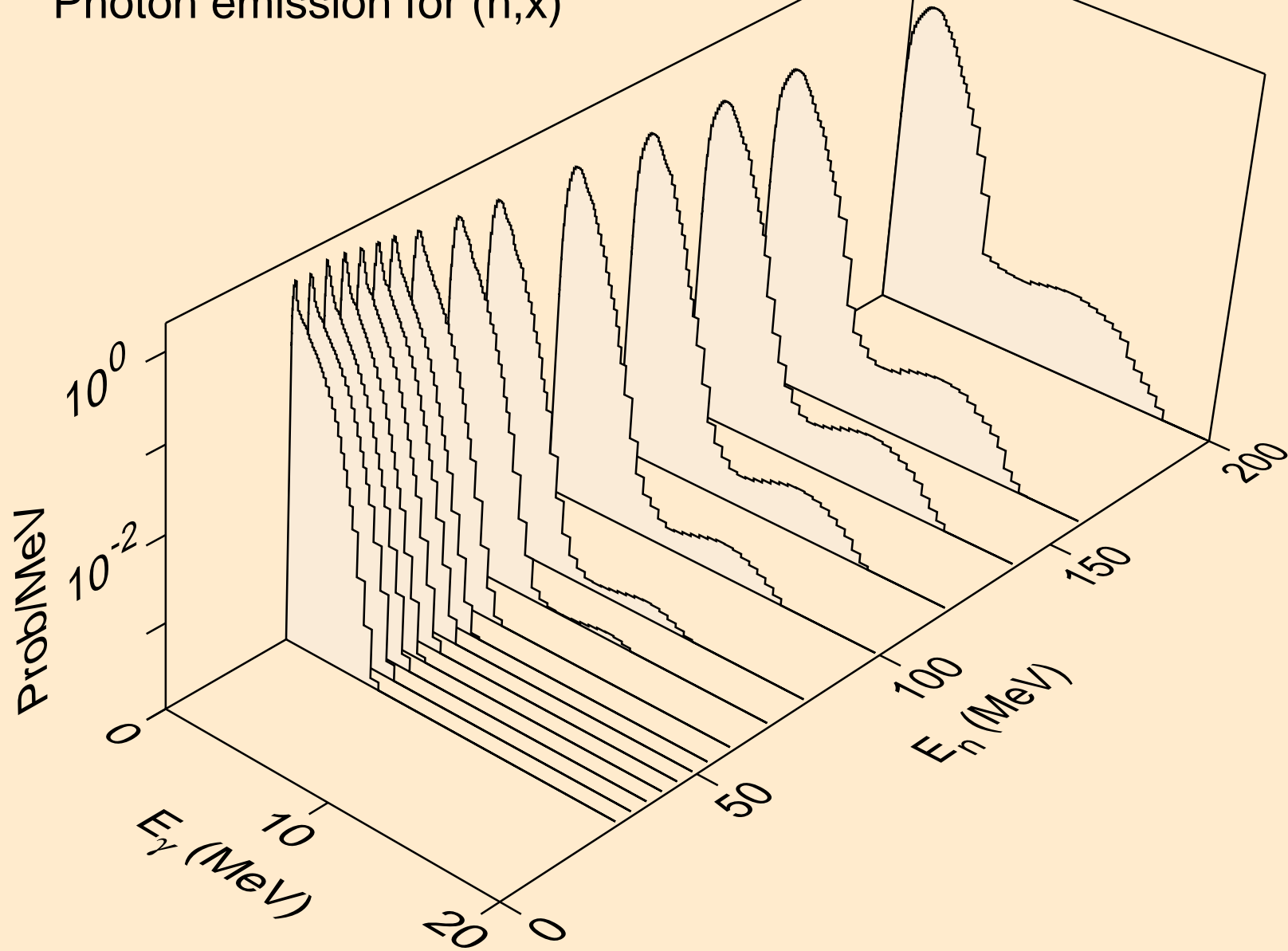


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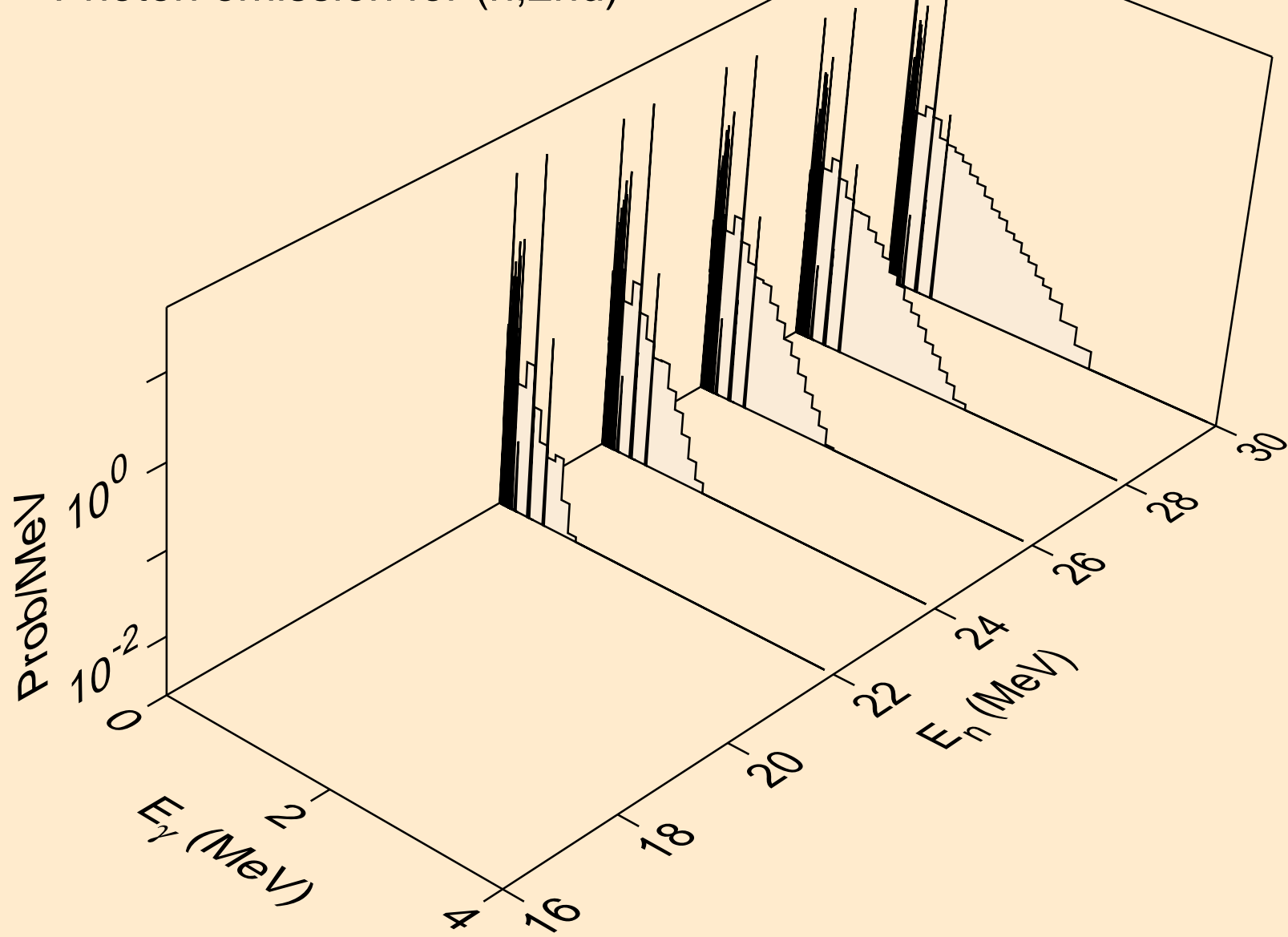
## Delayed neutron spectra



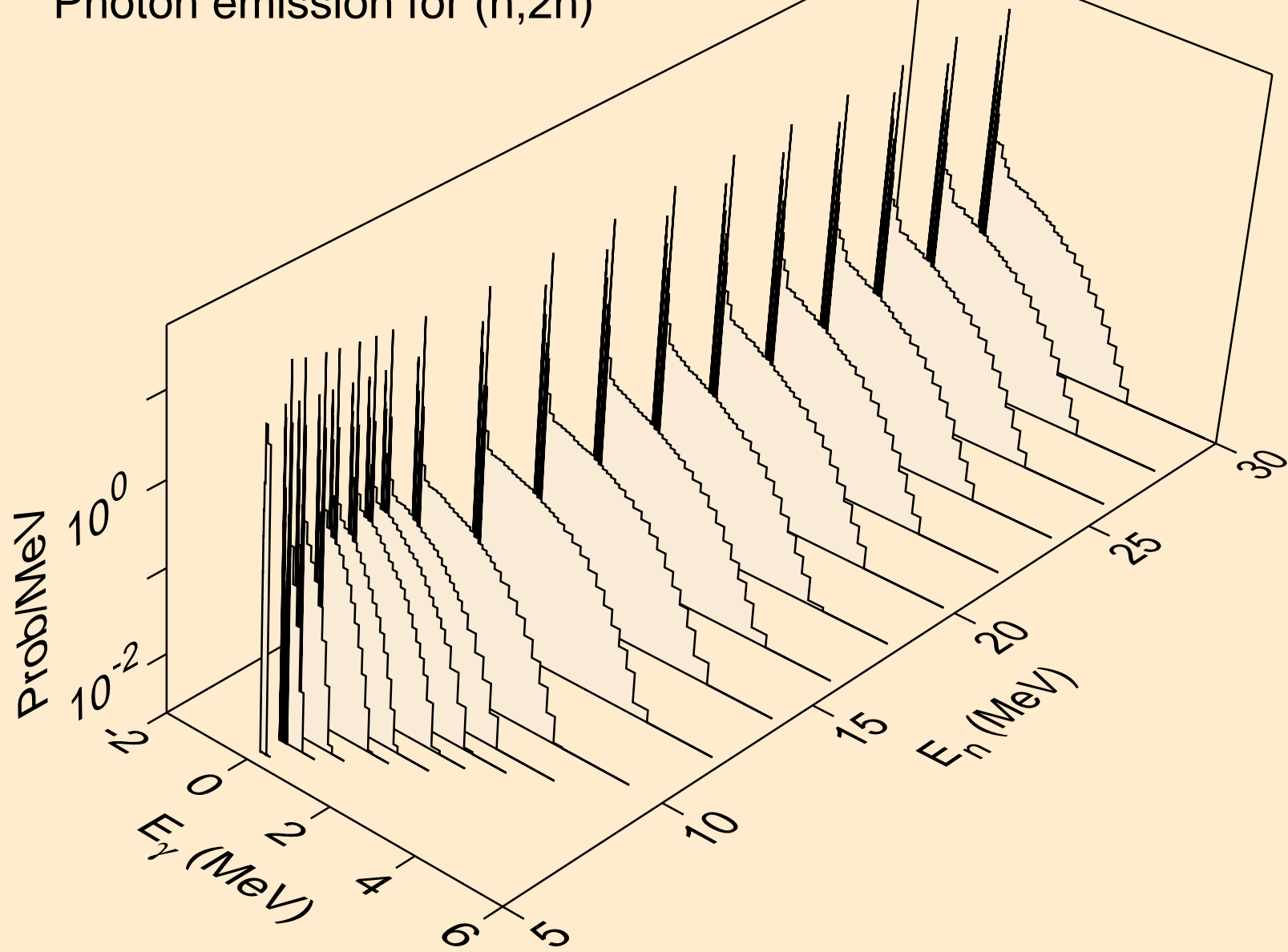
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



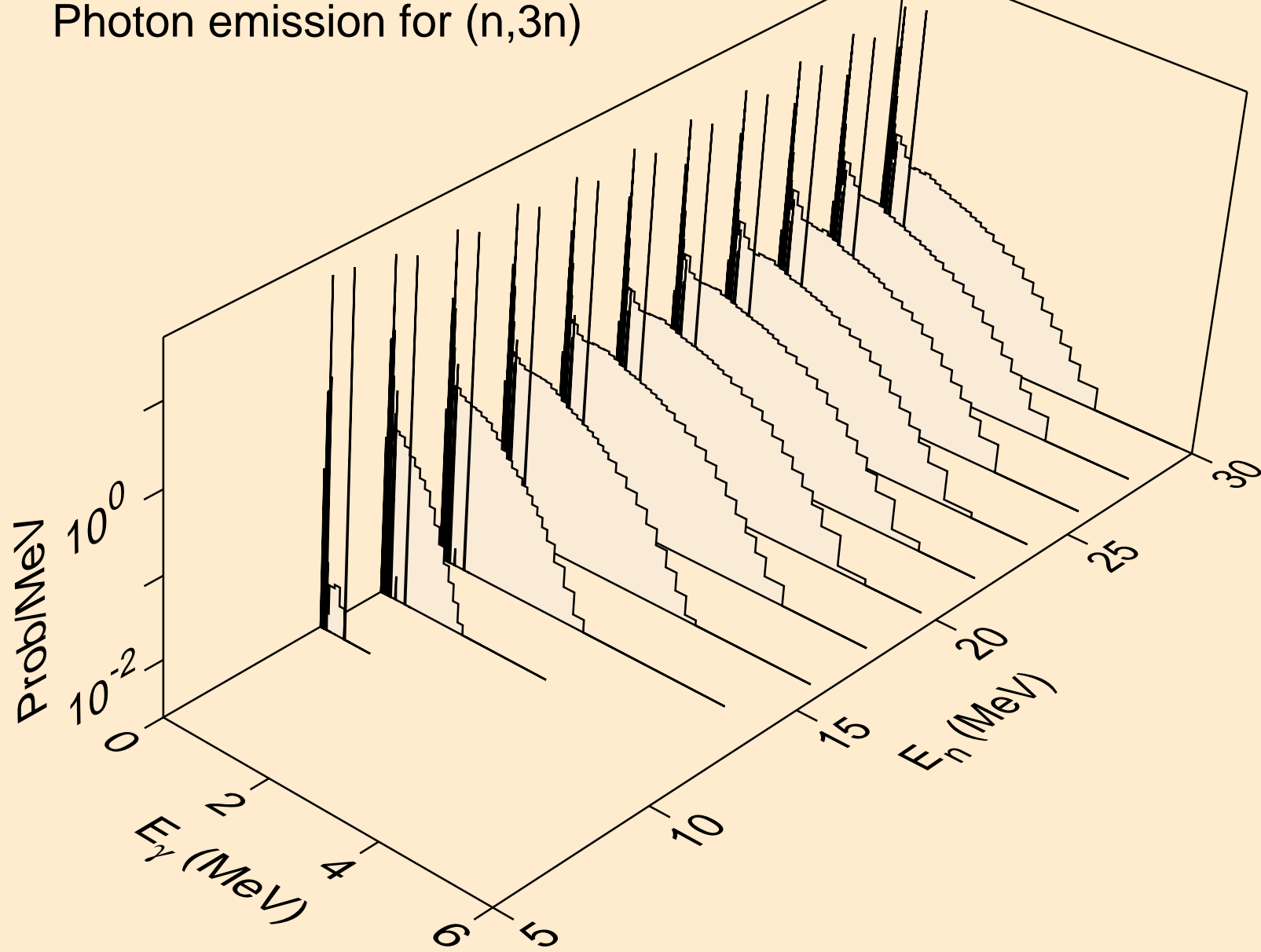
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



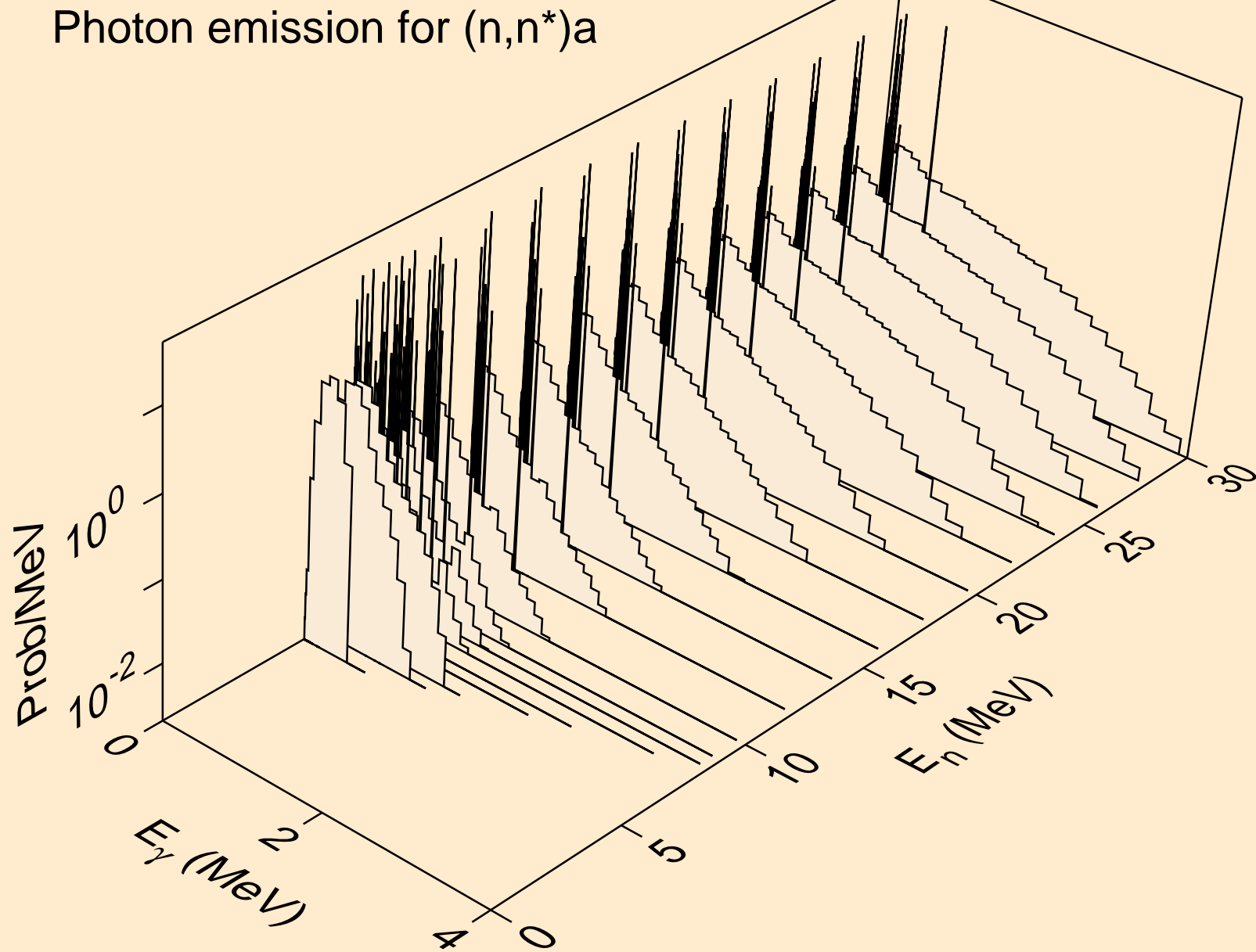
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



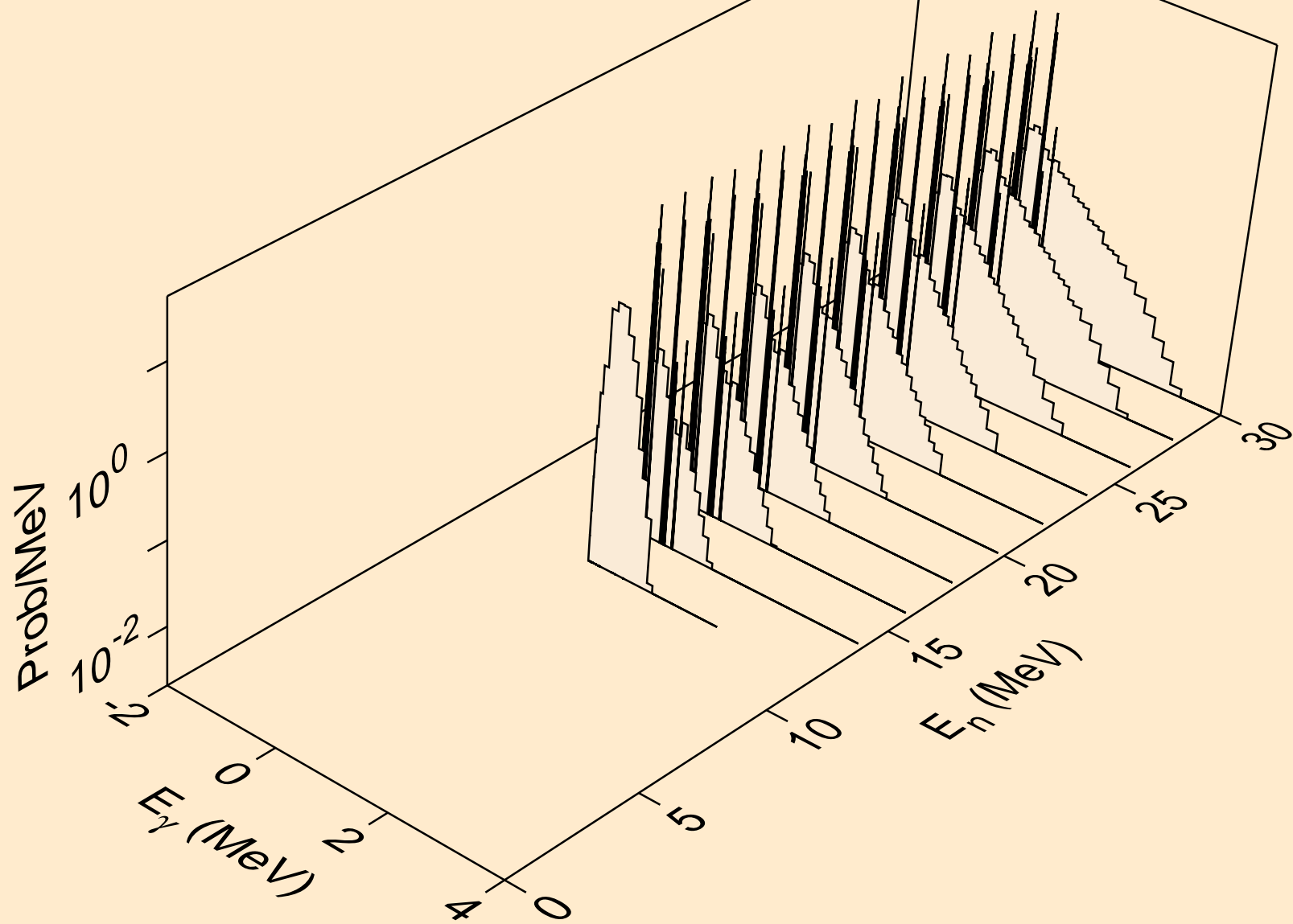
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



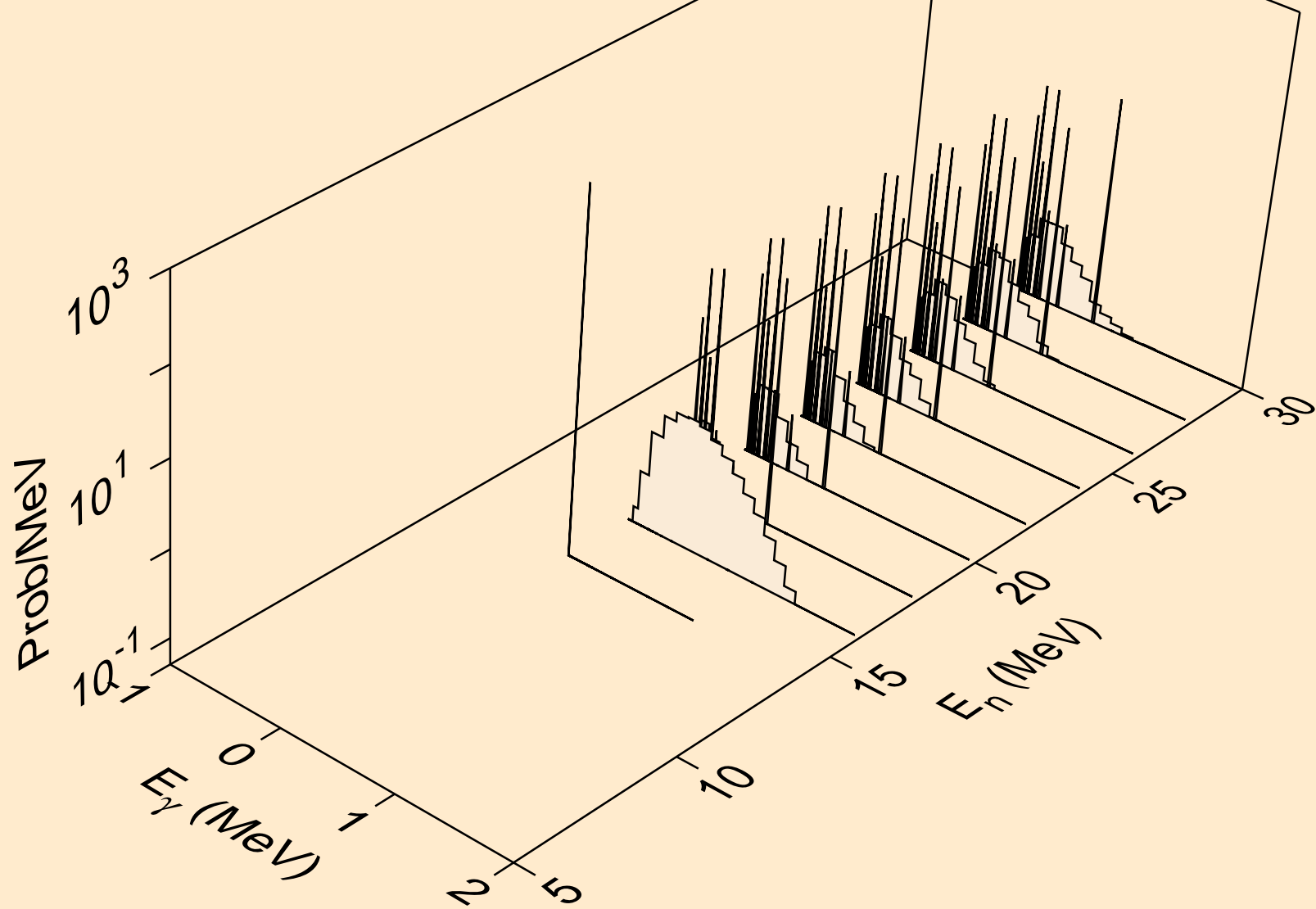
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



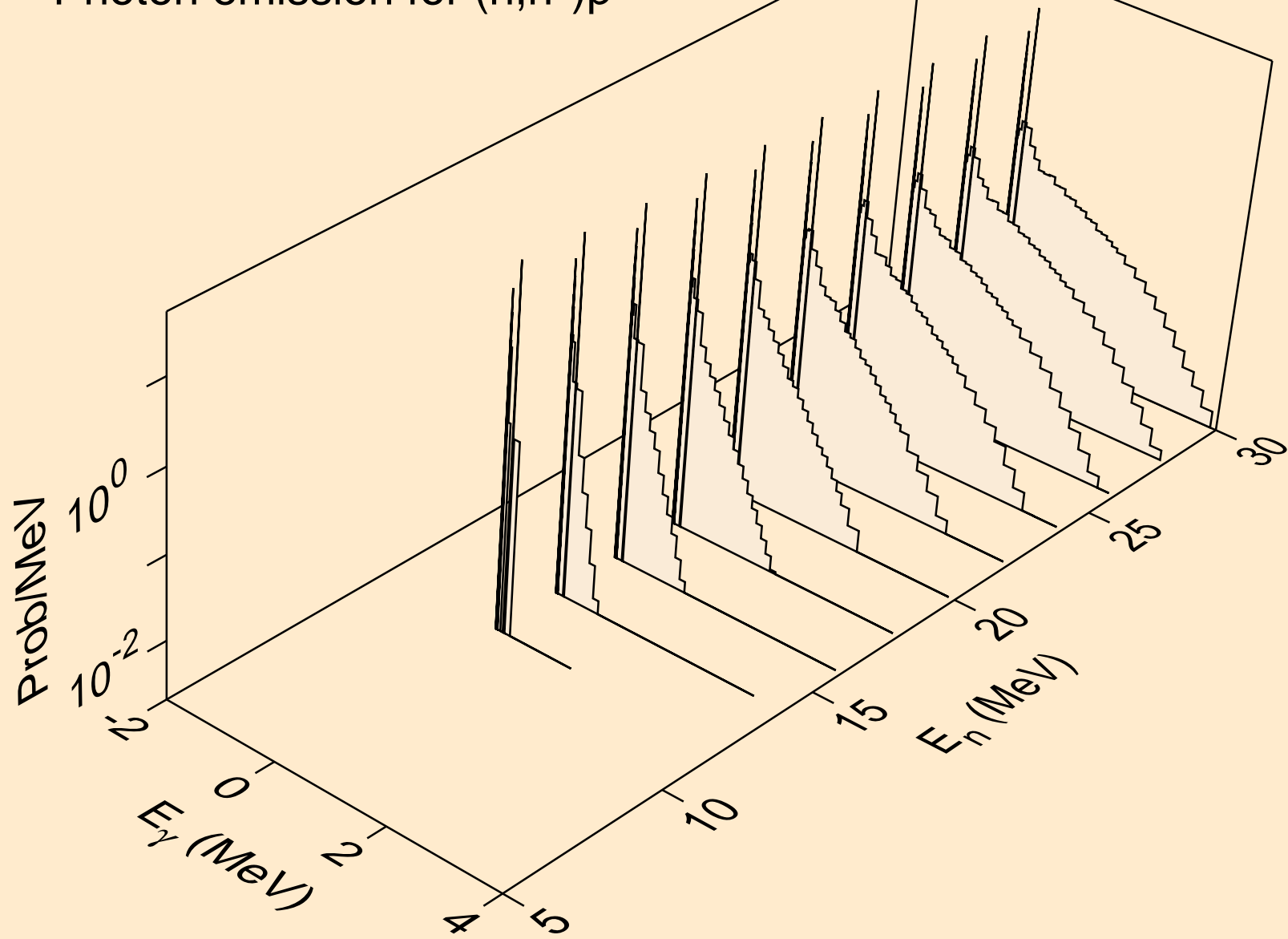
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



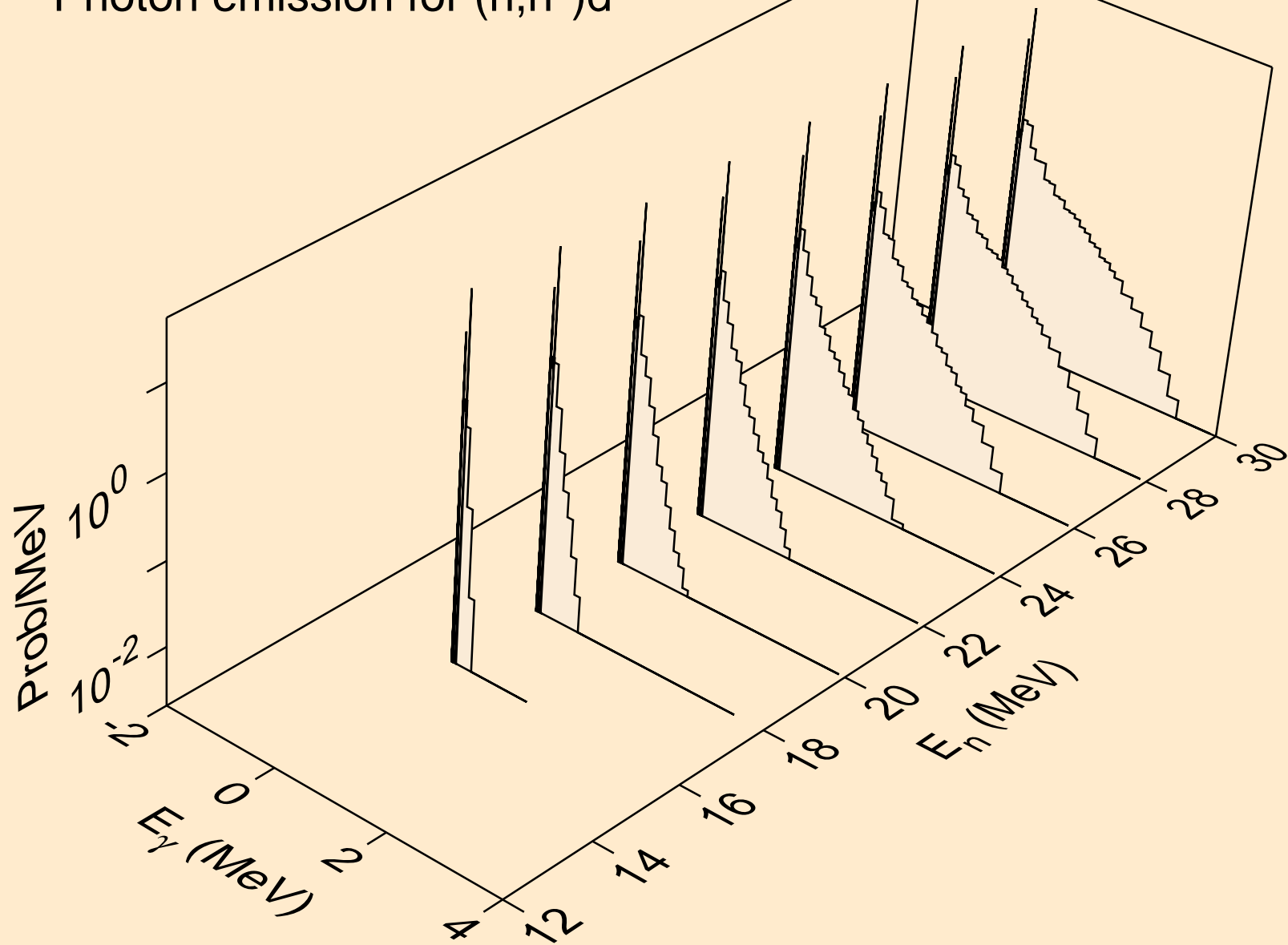
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



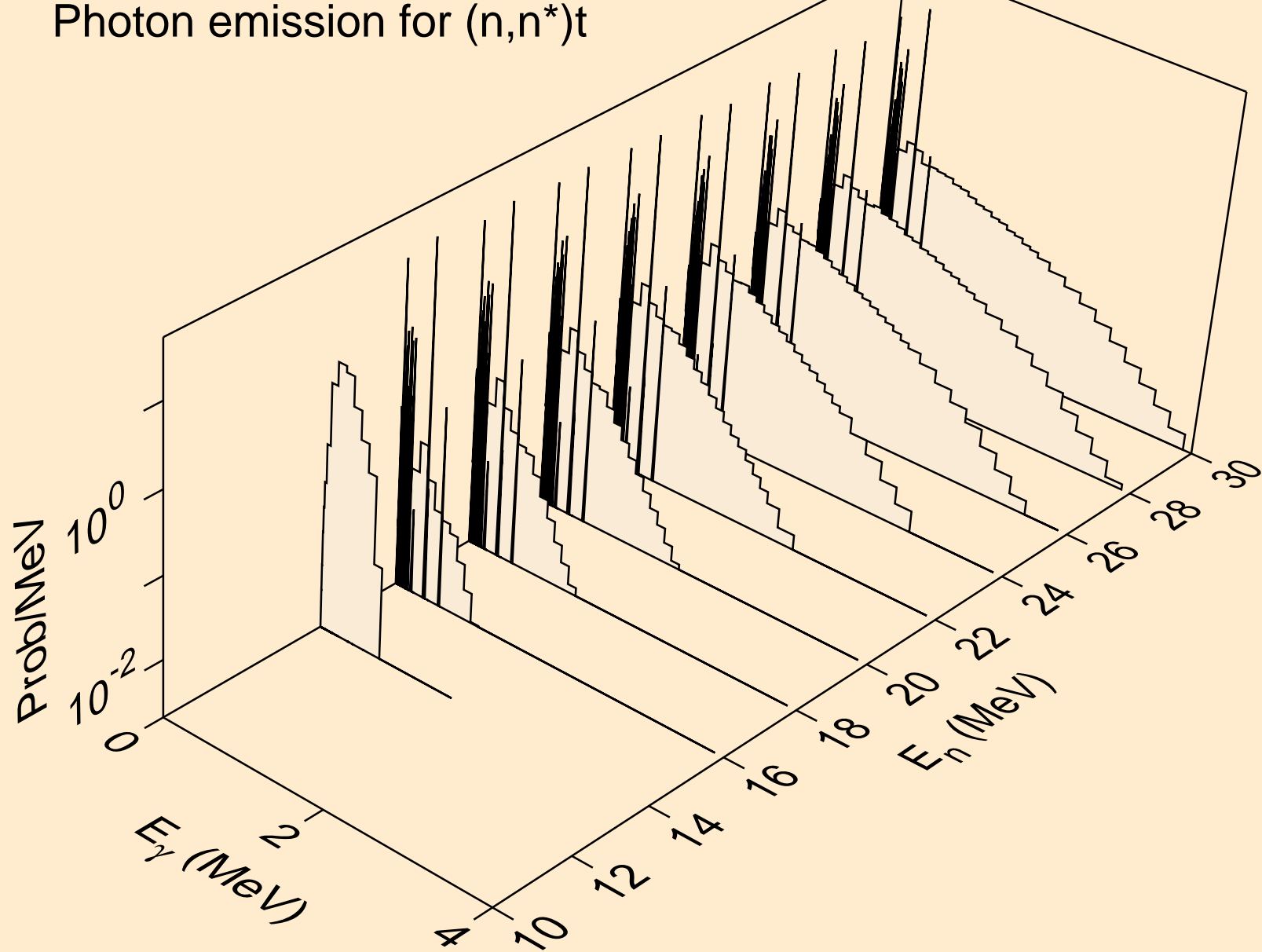
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



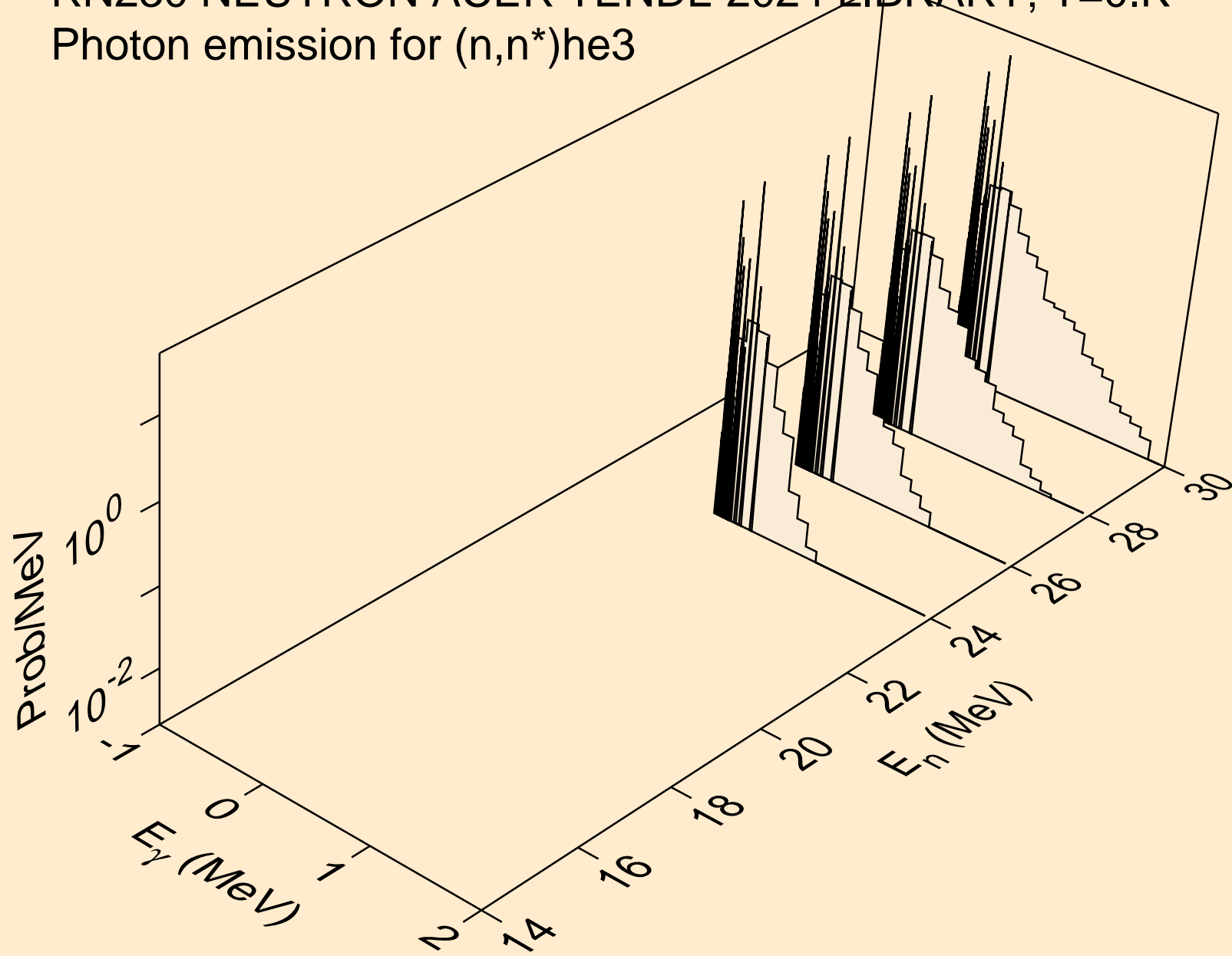
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



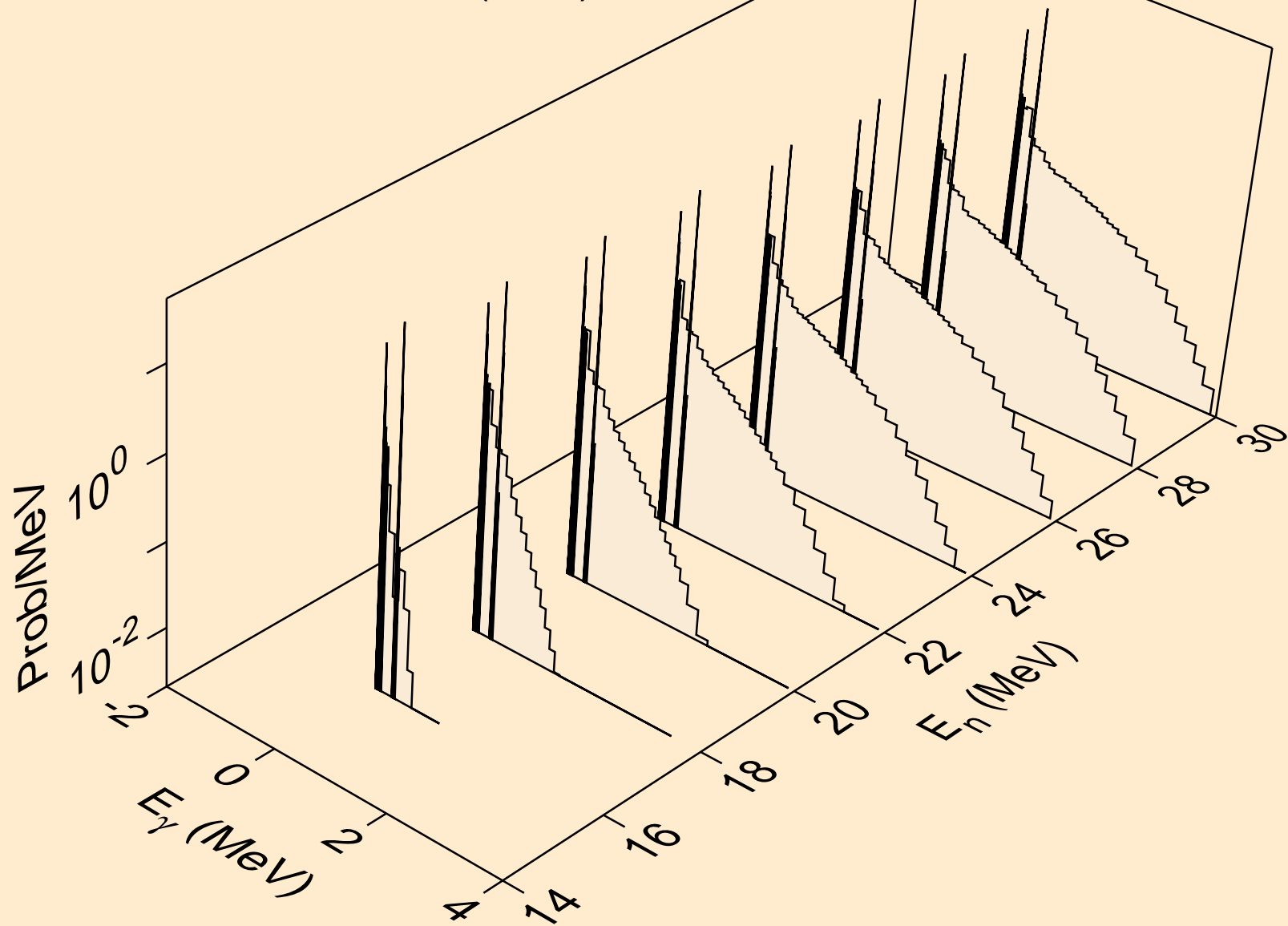
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



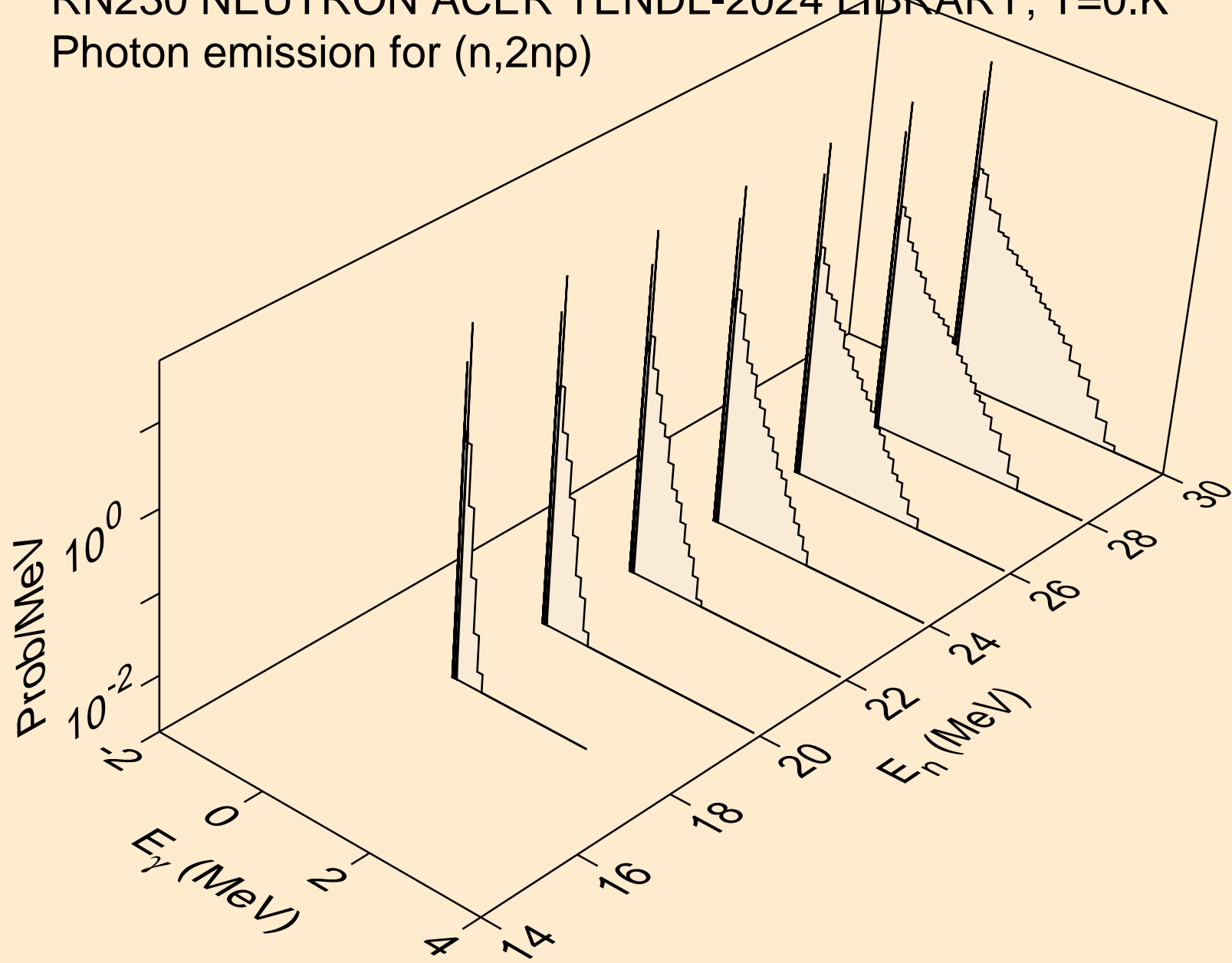
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



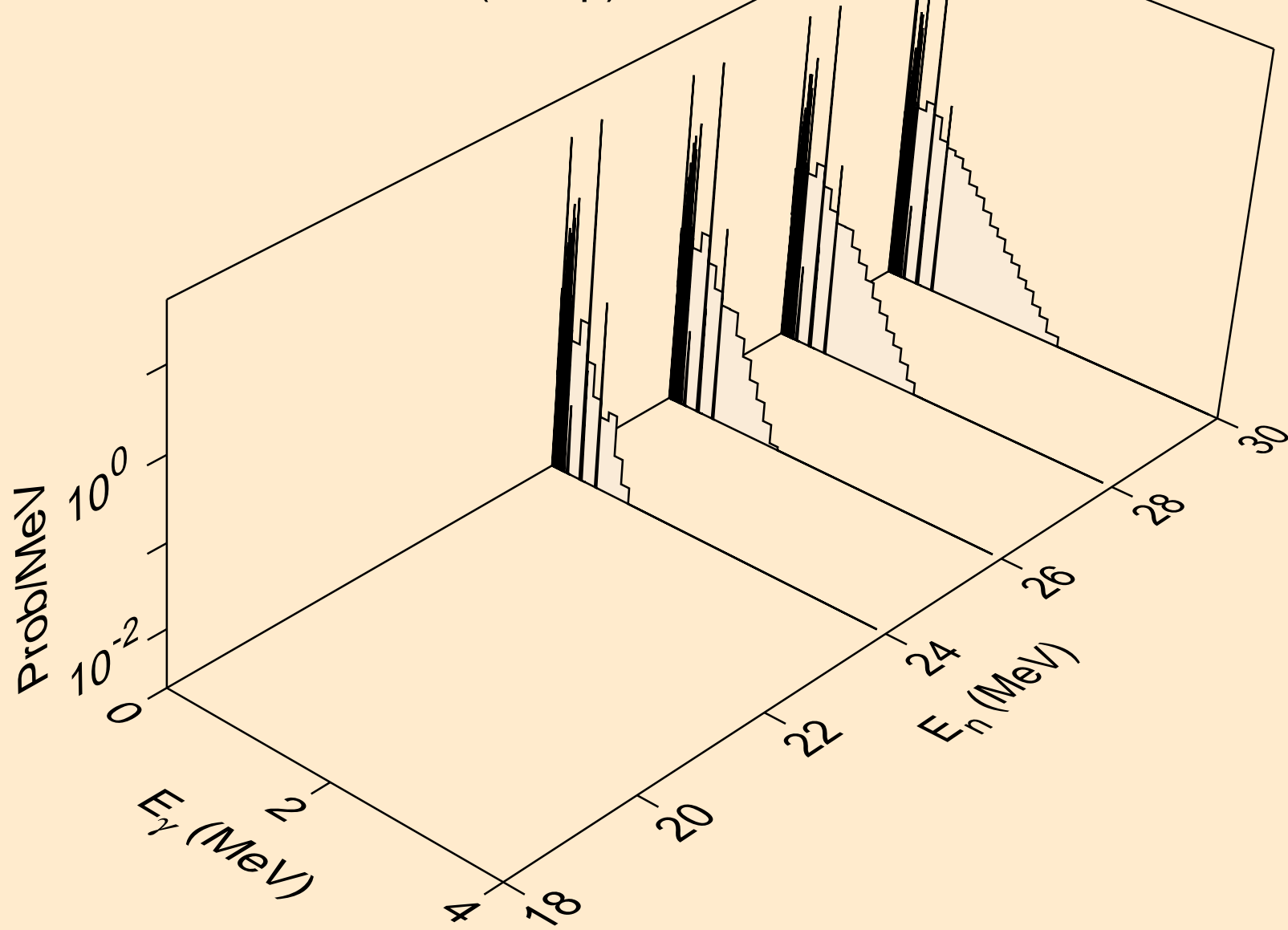
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



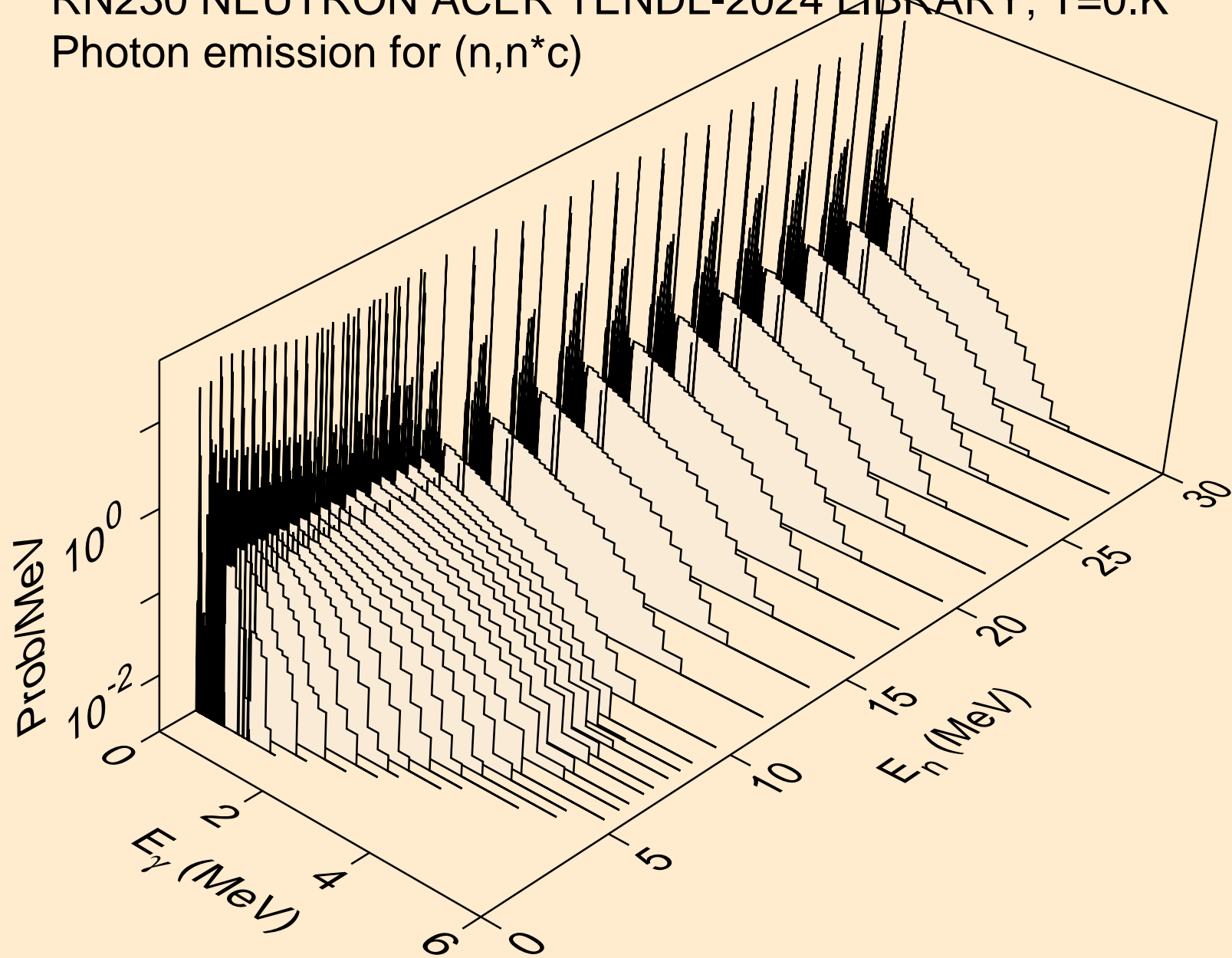
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Photon emission for (n,2np)



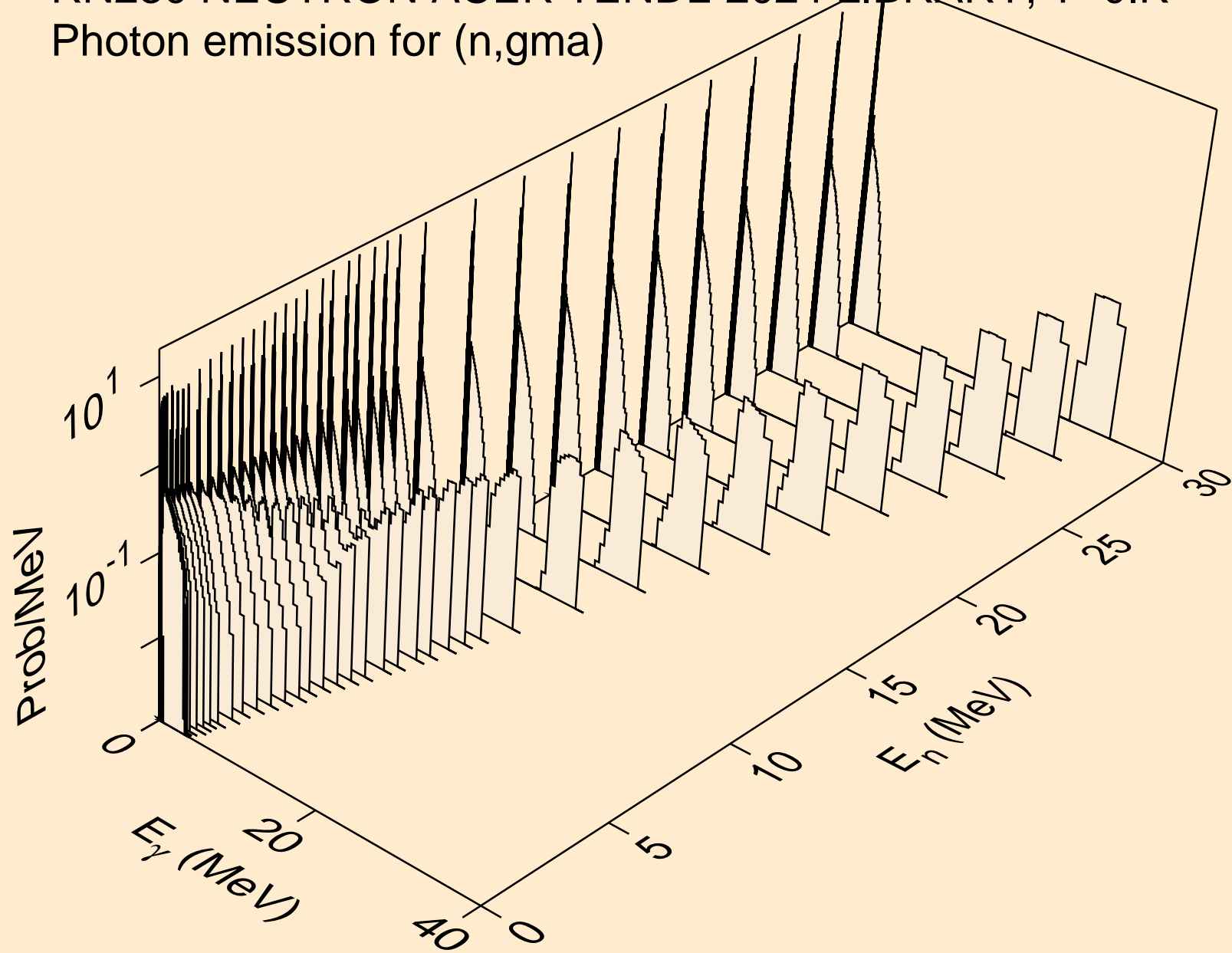
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Photon emission for (n,3np)



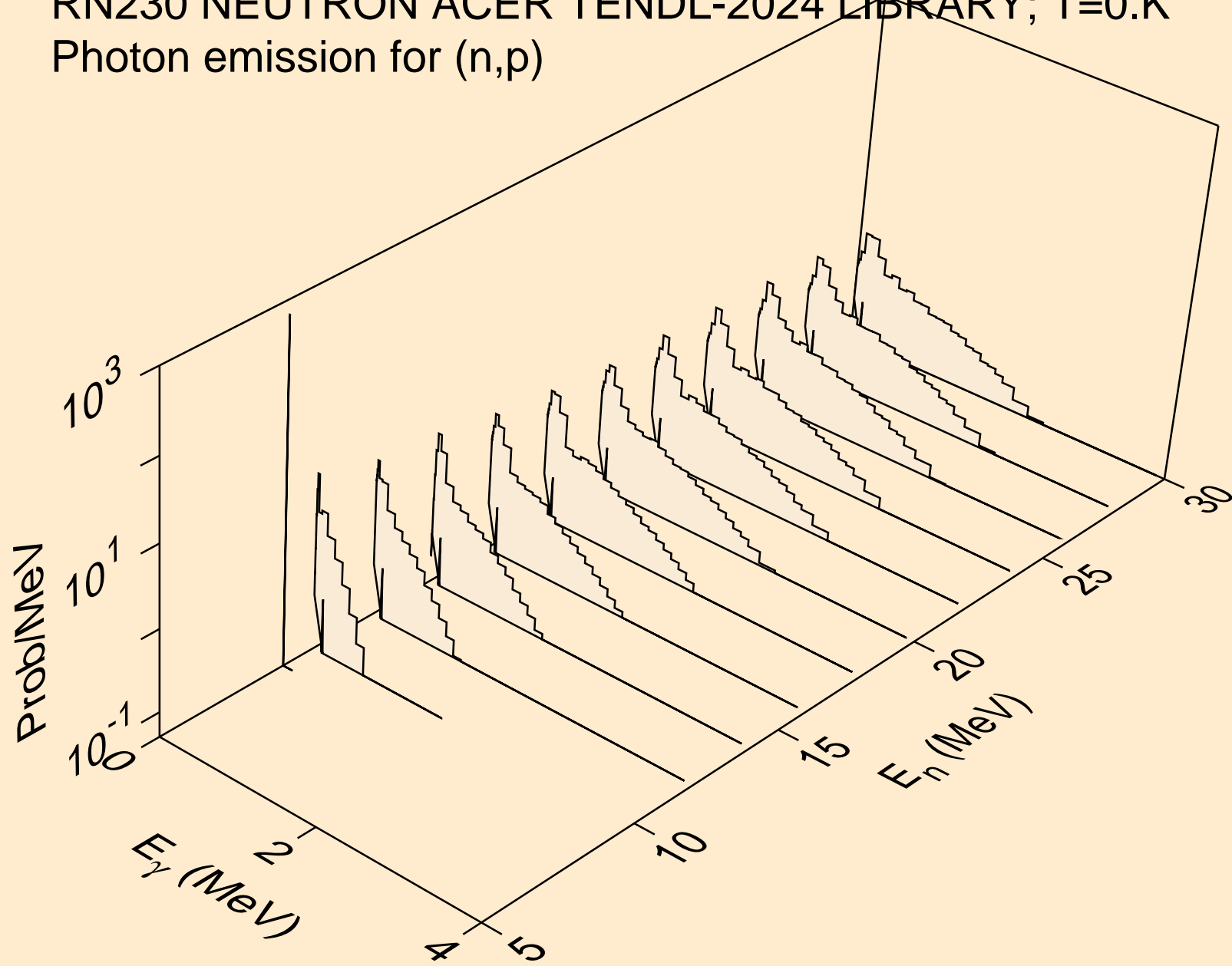
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



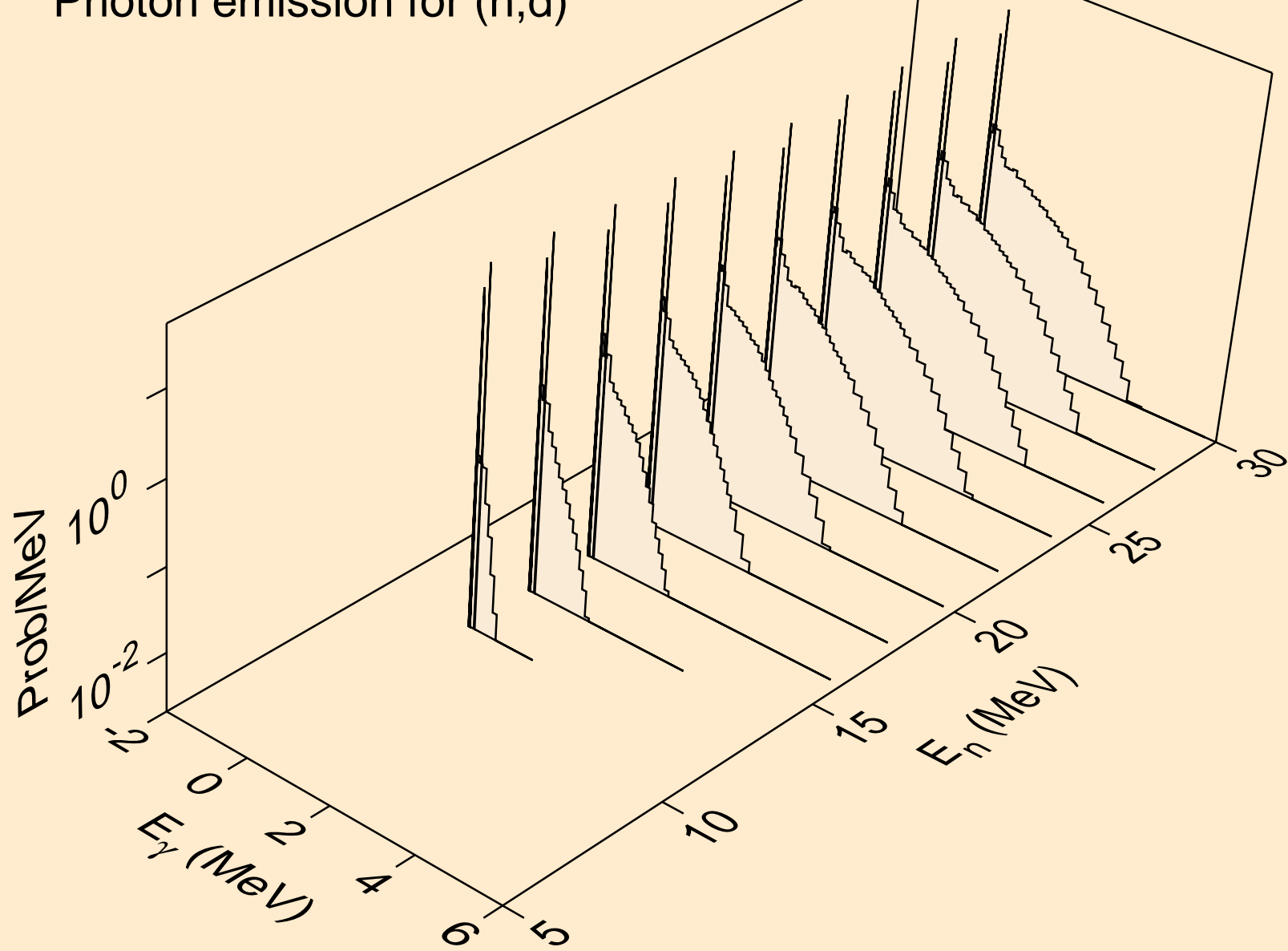
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



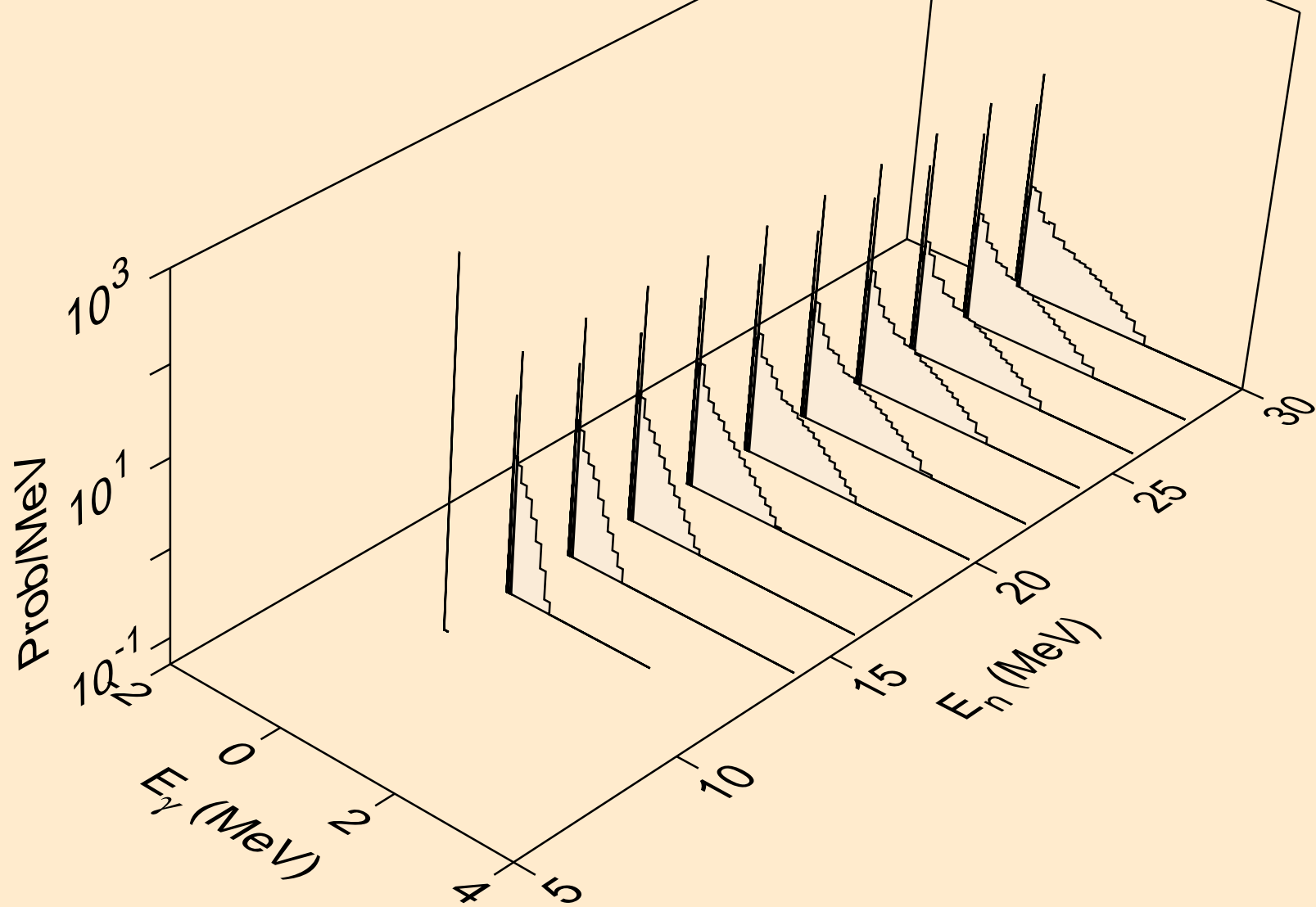
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



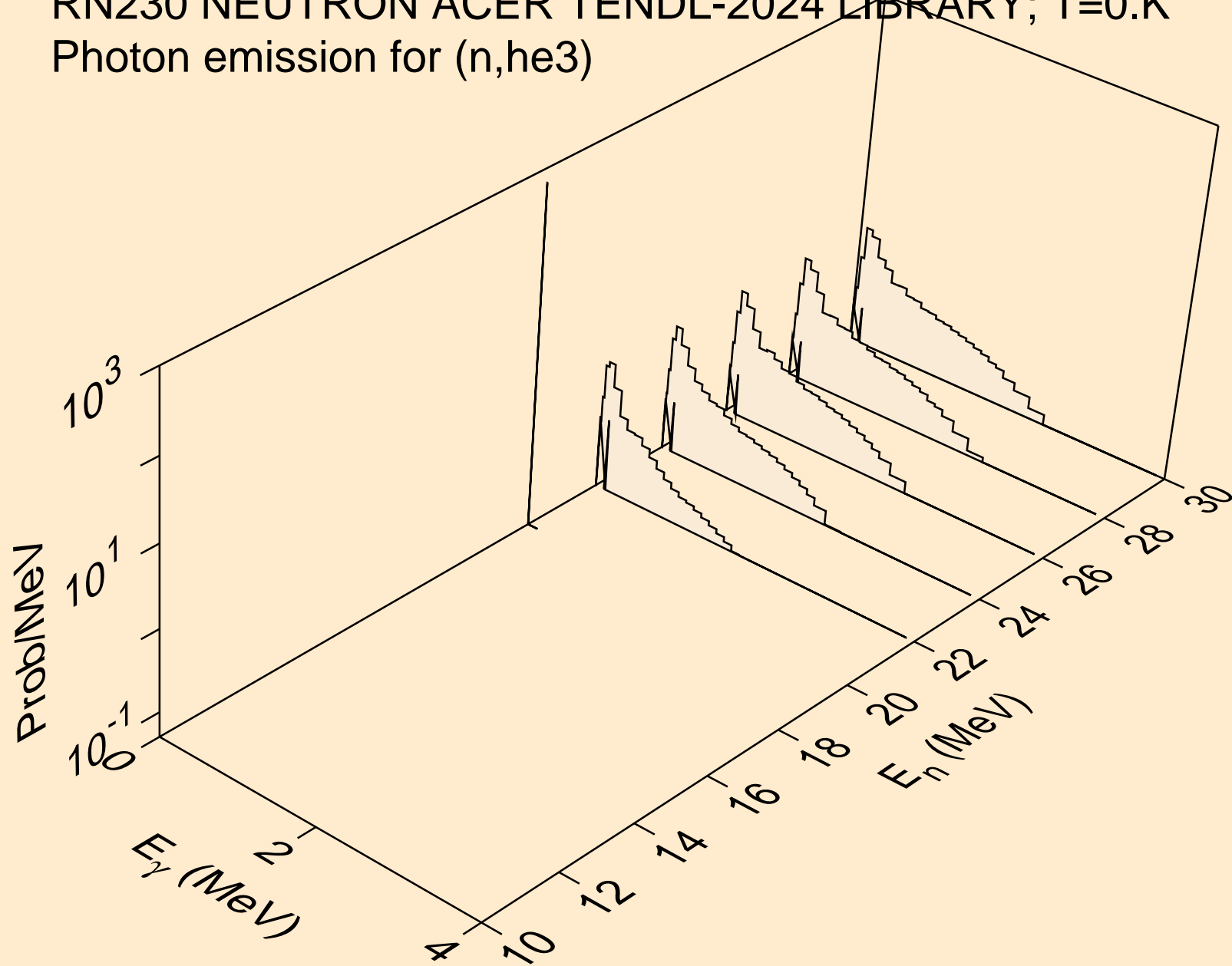
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Photon emission for (n,d)



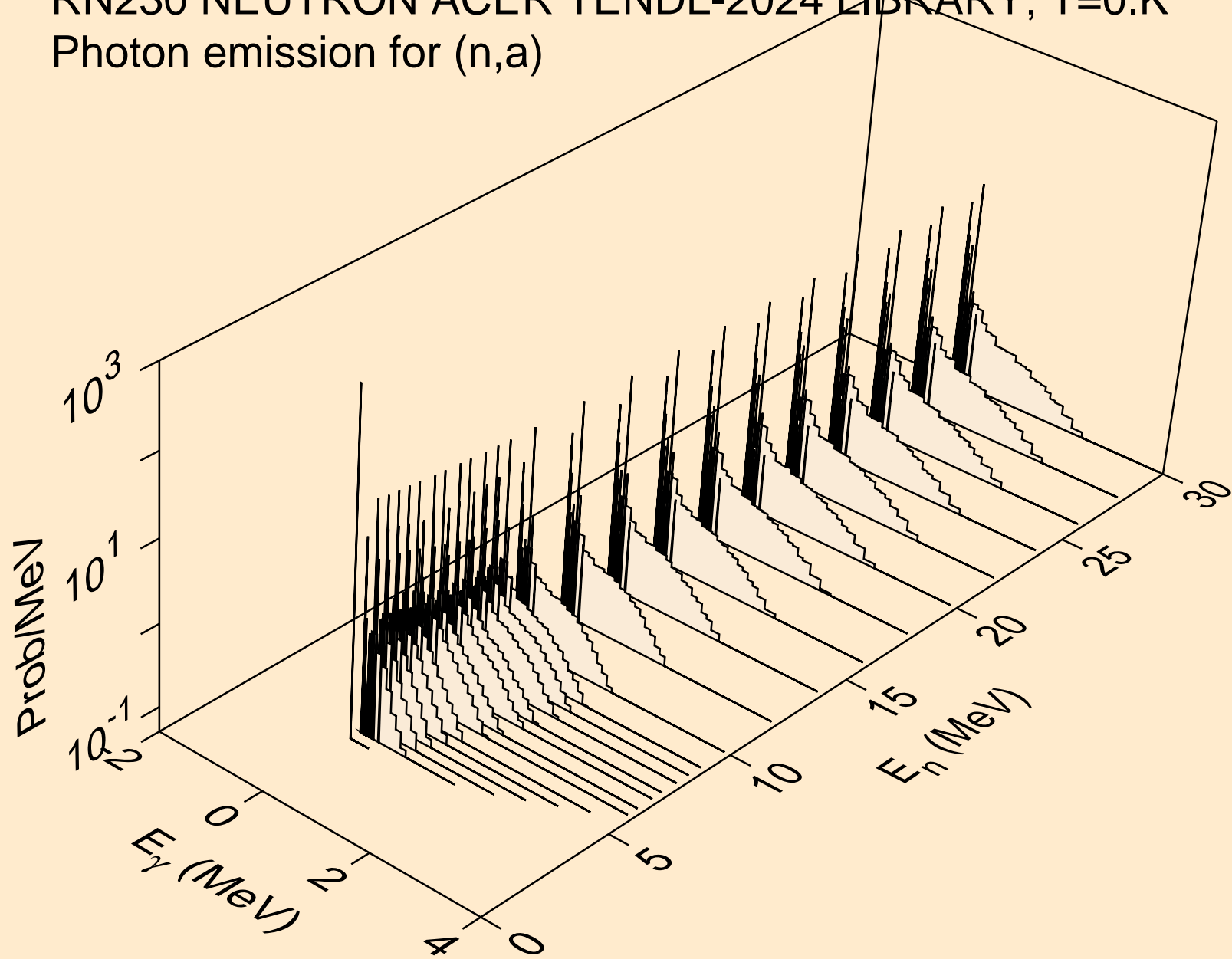
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Photon emission for (n,t)



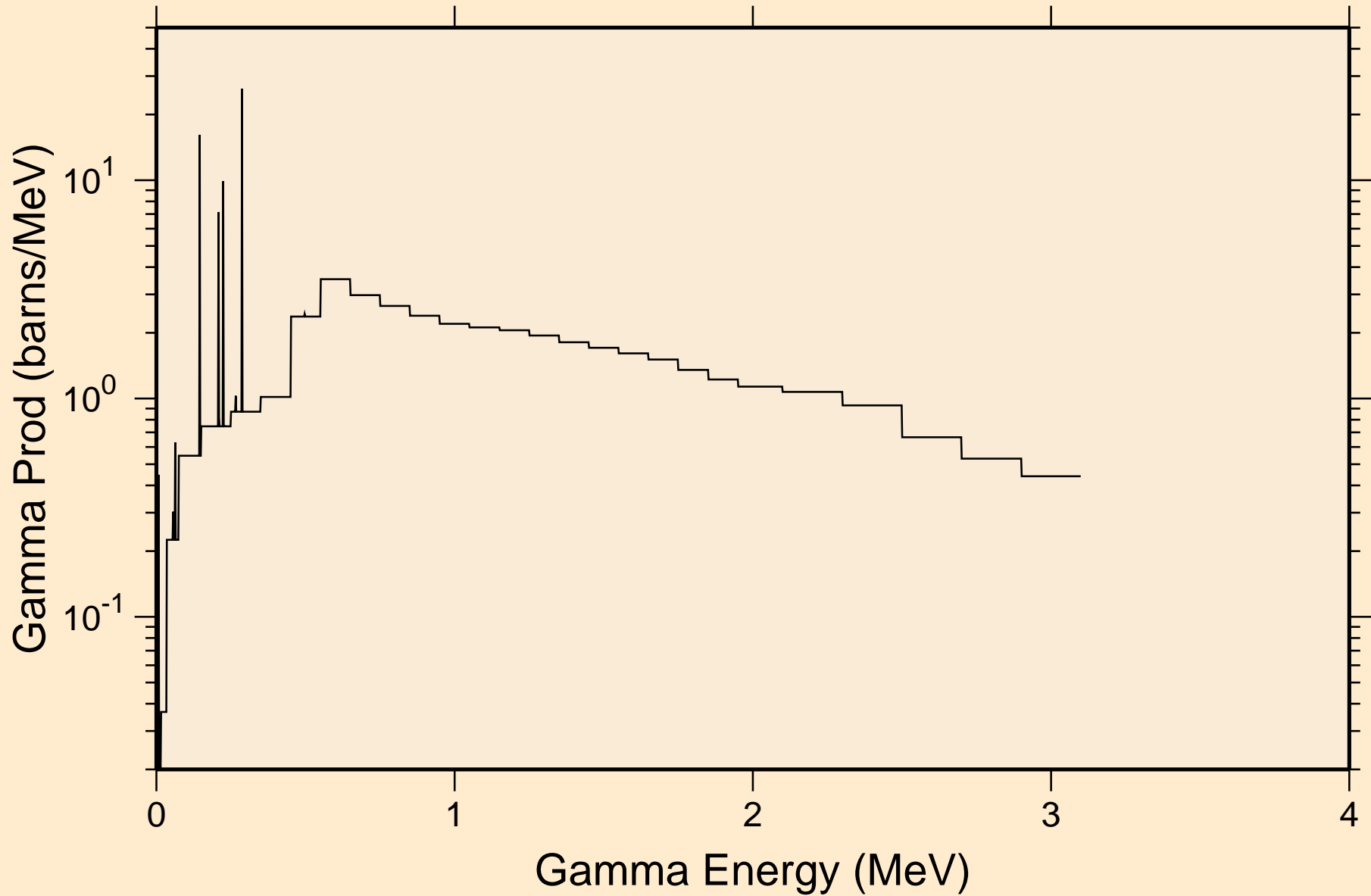
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Photon emission for (n,he3)



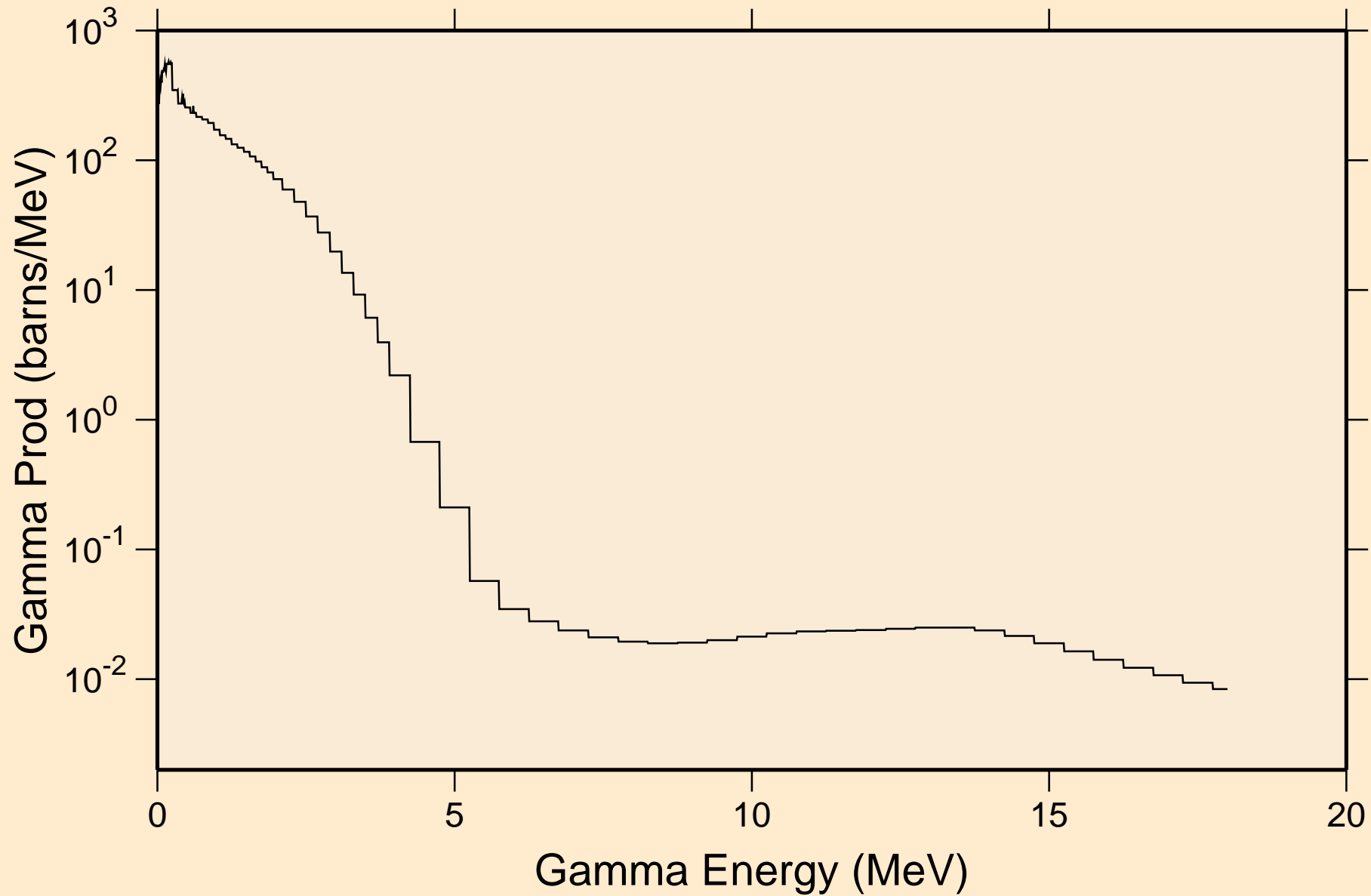
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

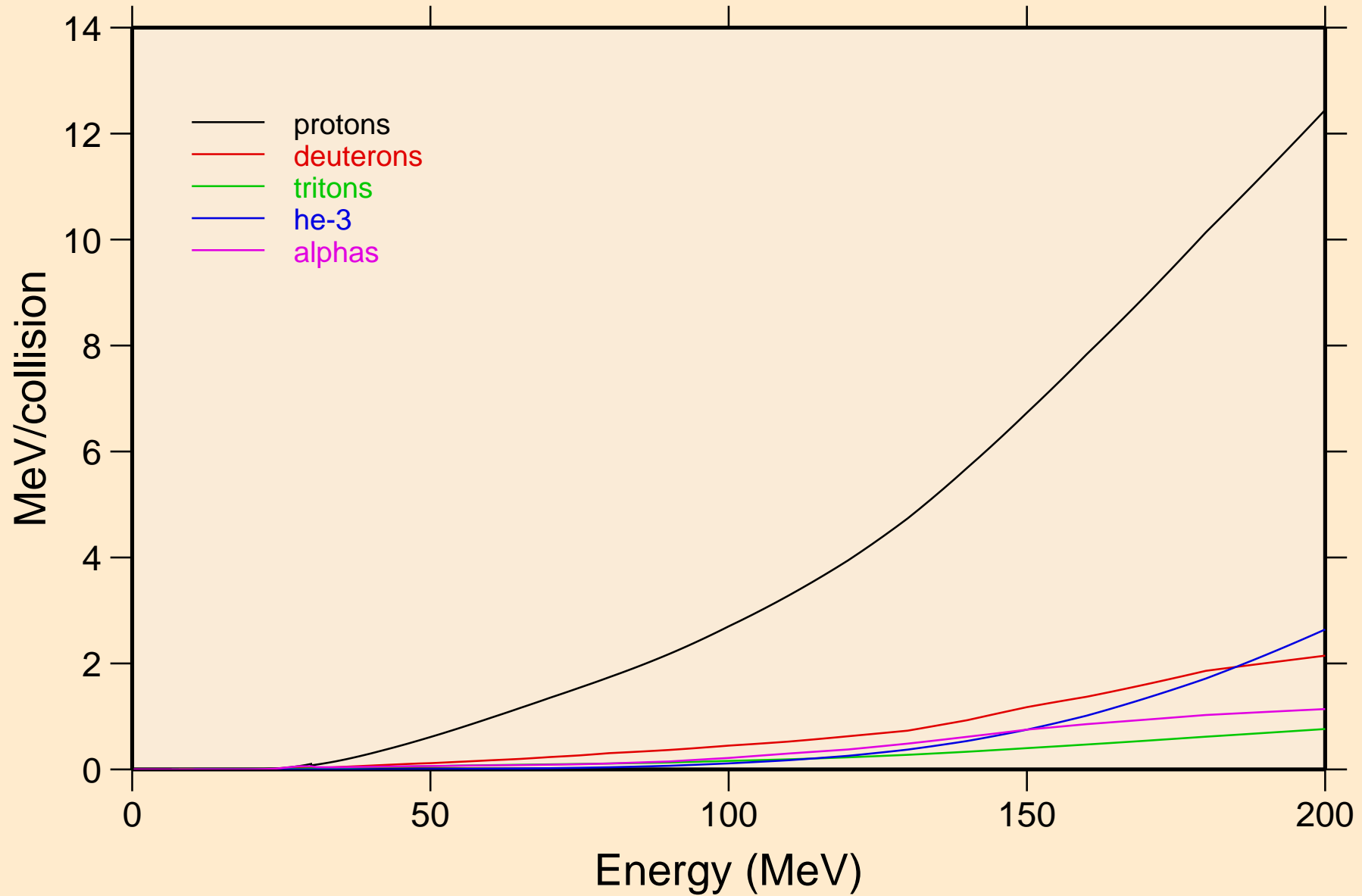


RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

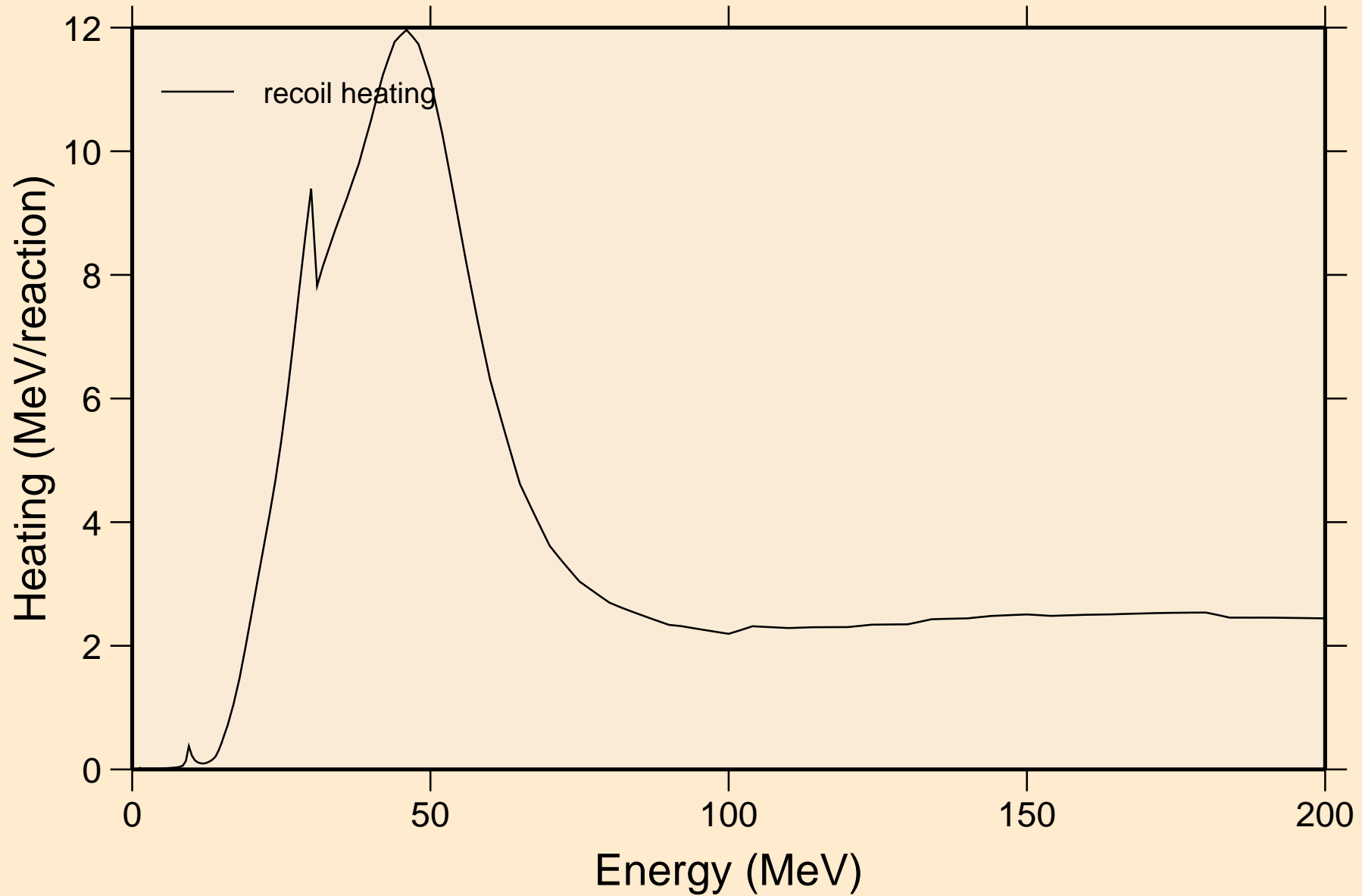


# RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

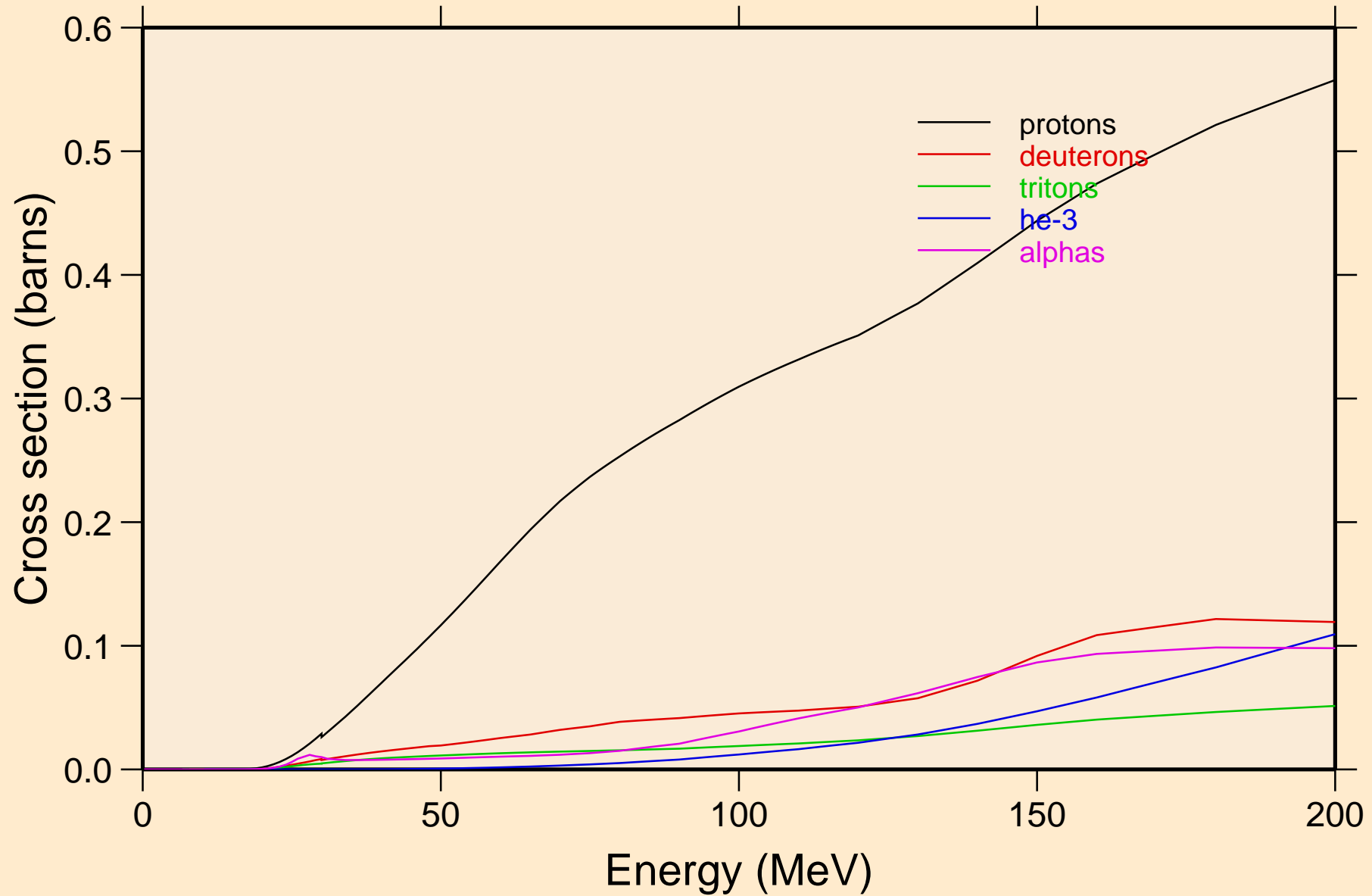
## Particle heating contributions



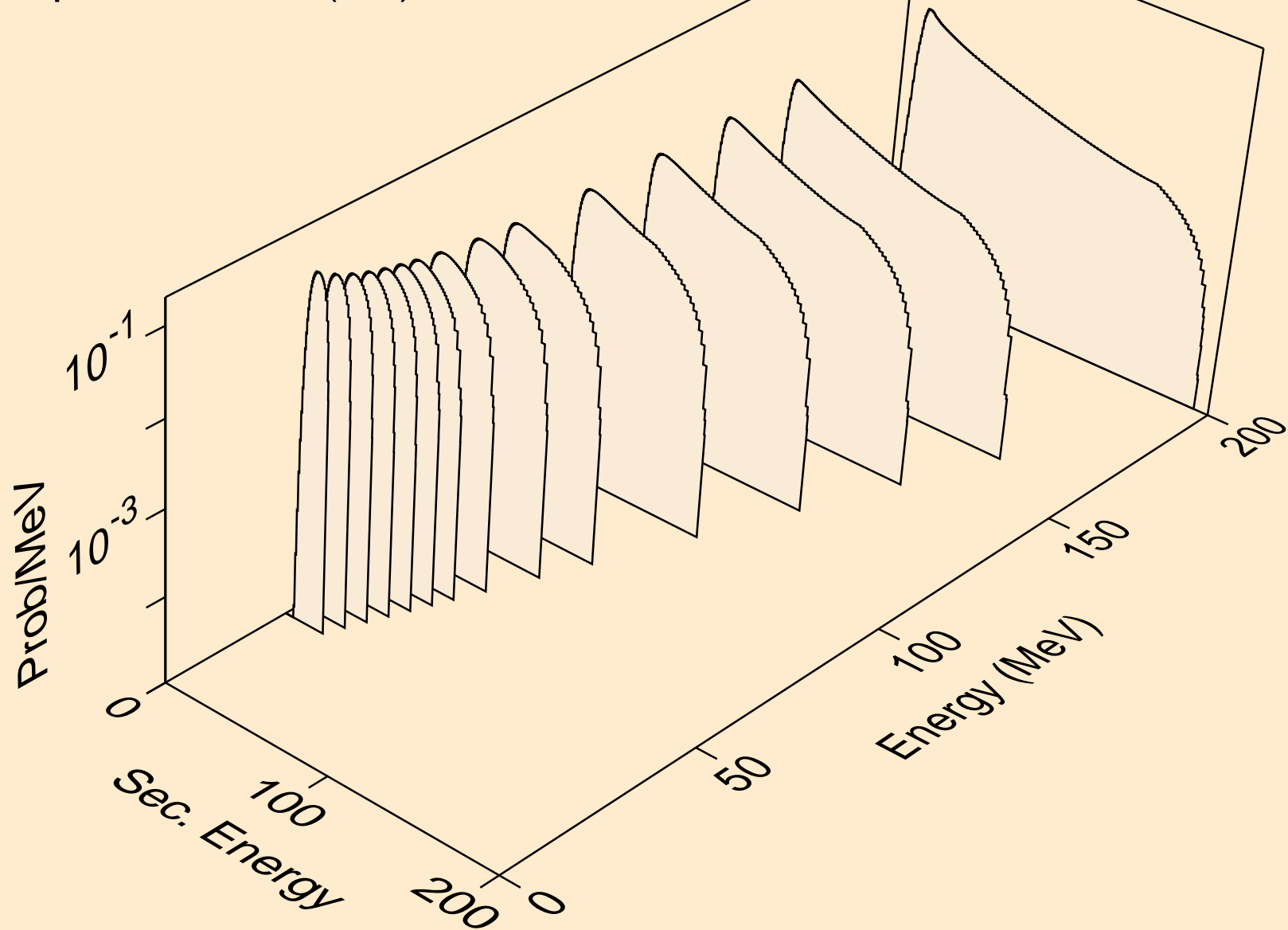
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



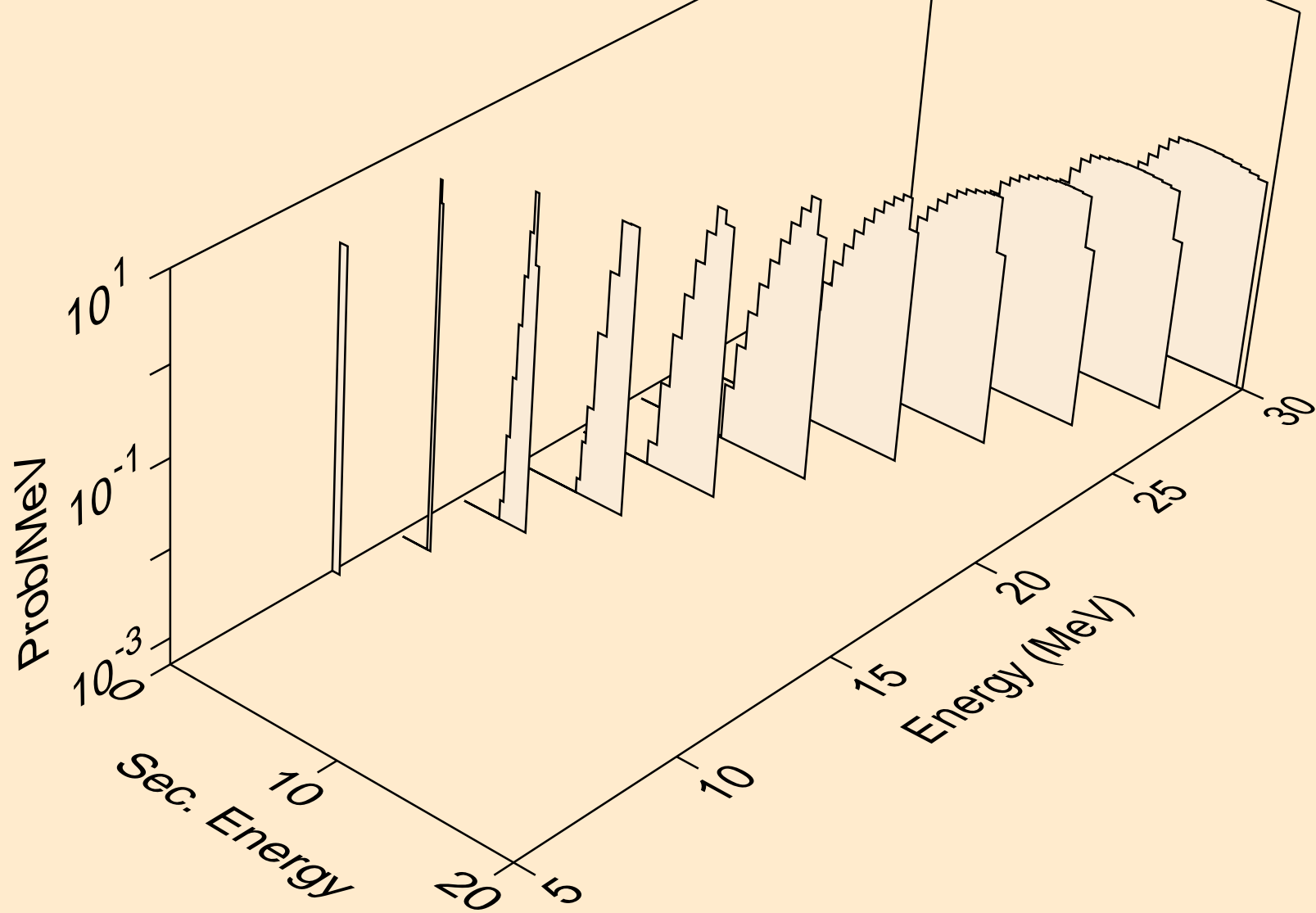
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



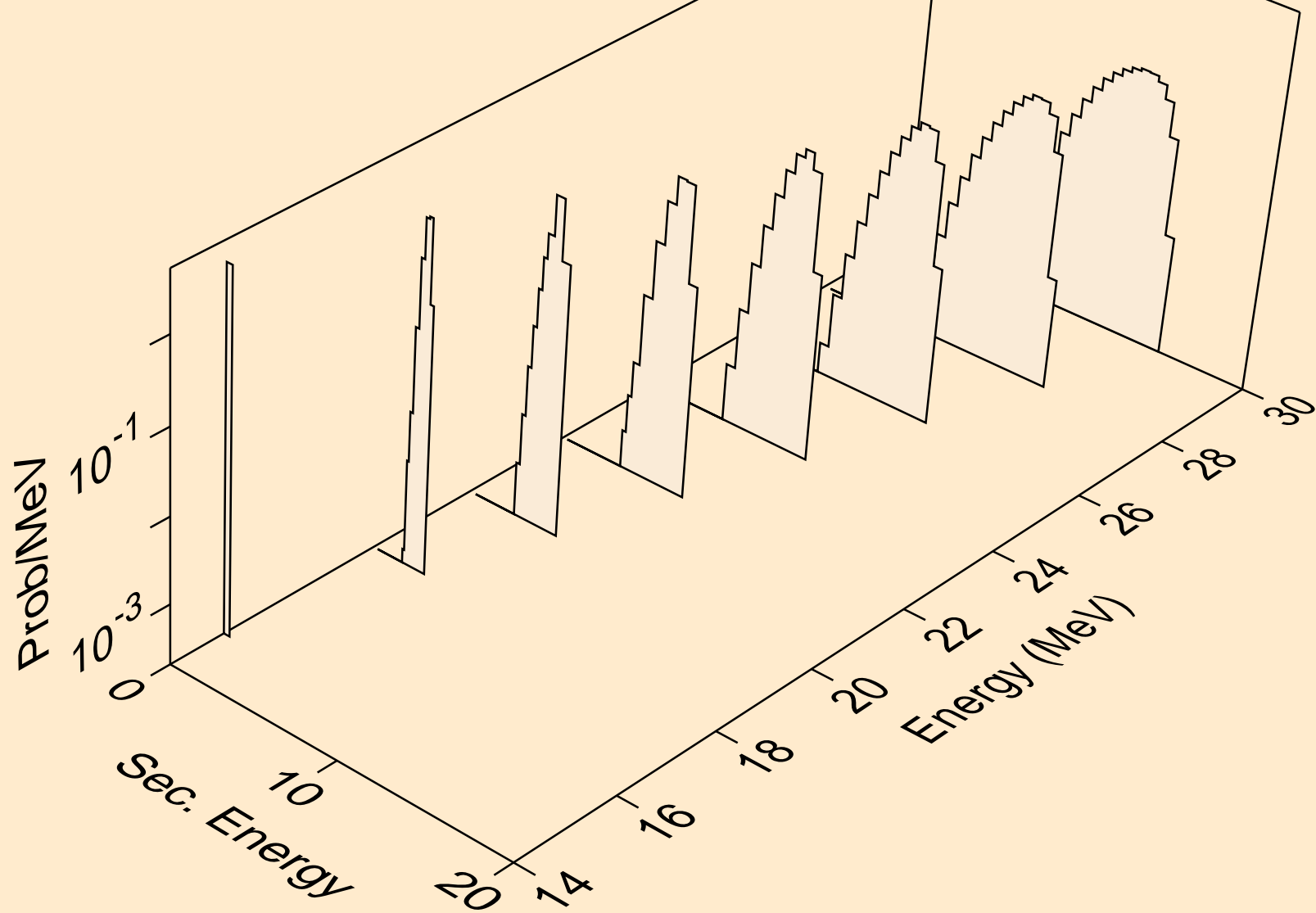
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



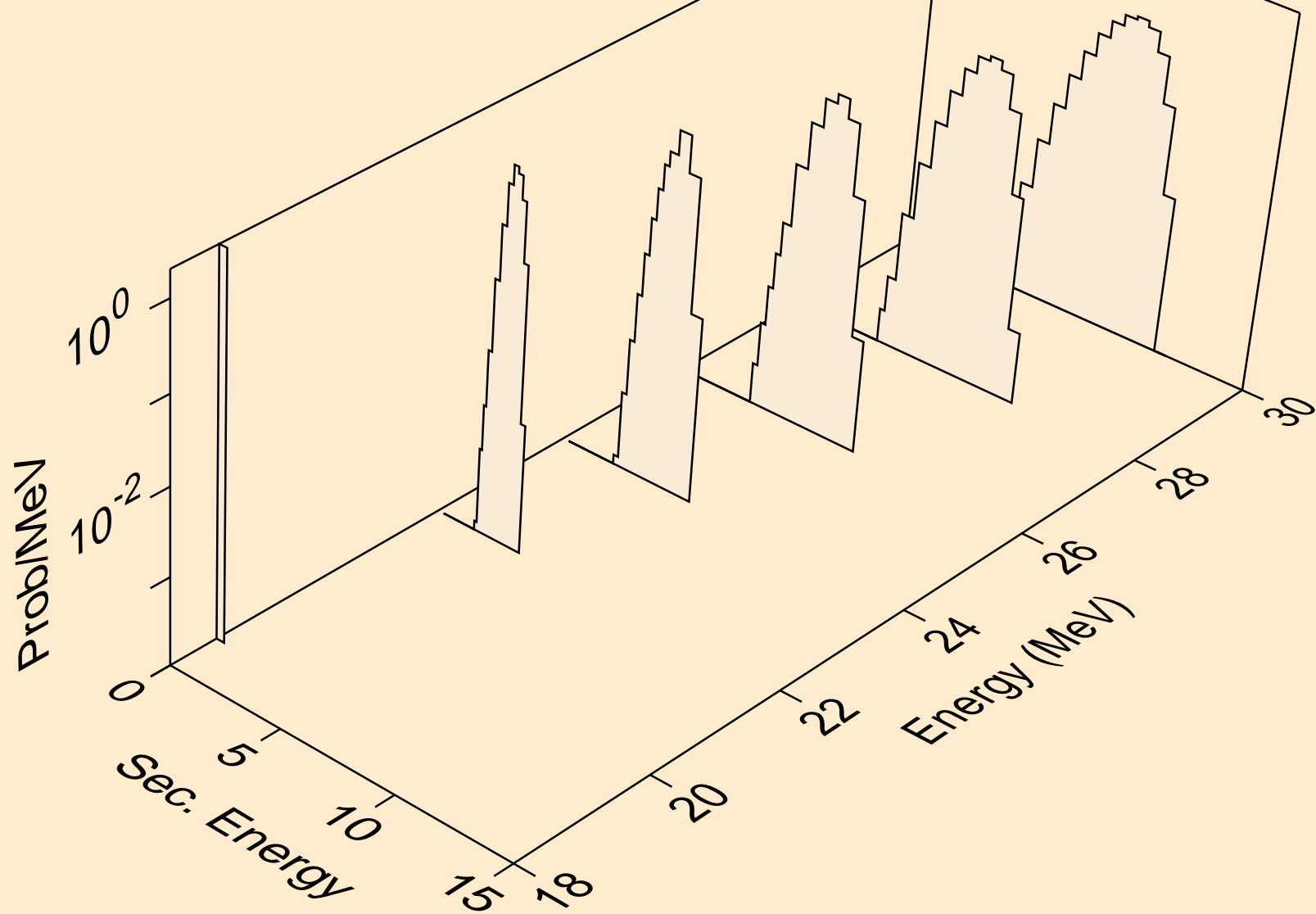
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



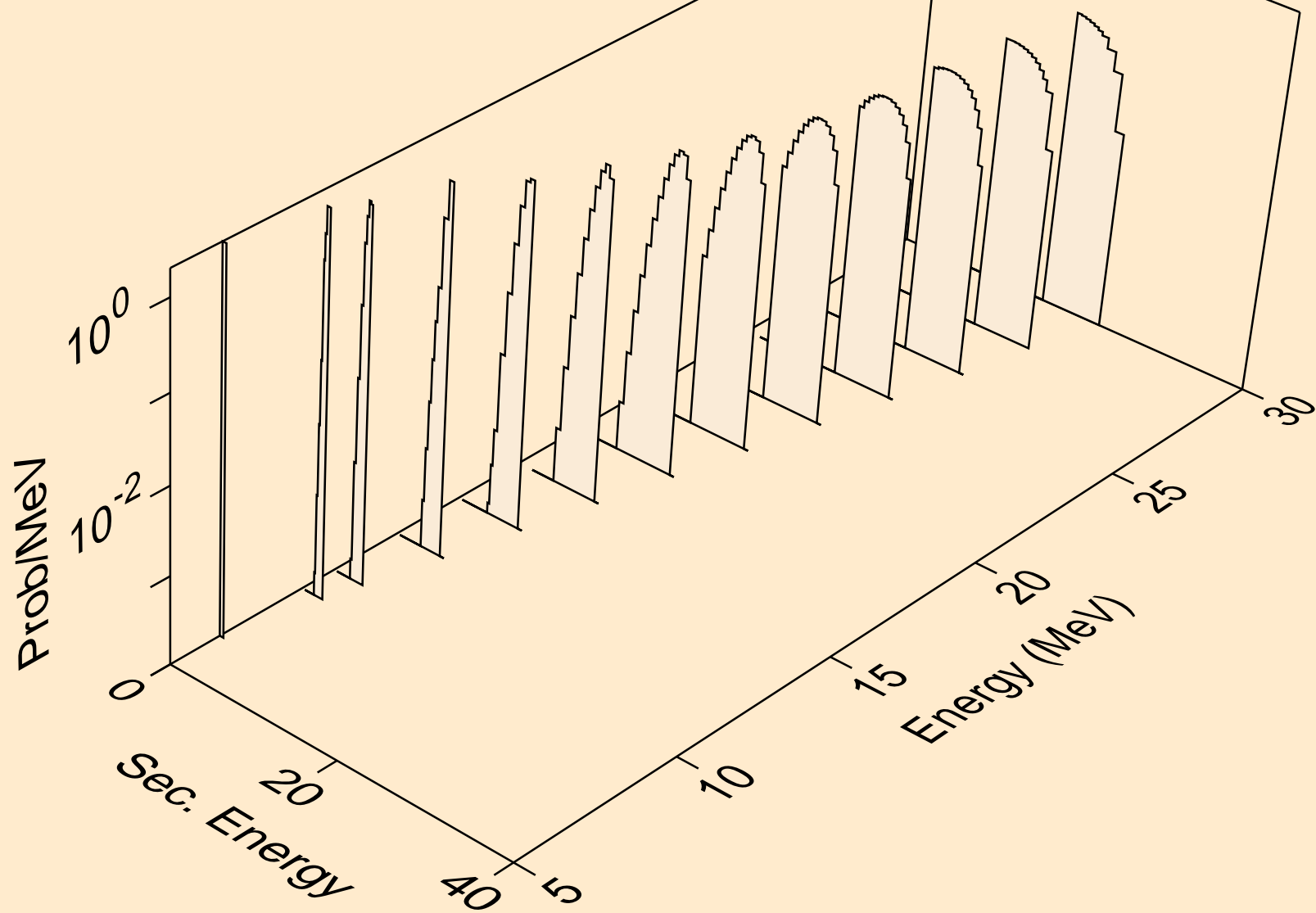
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



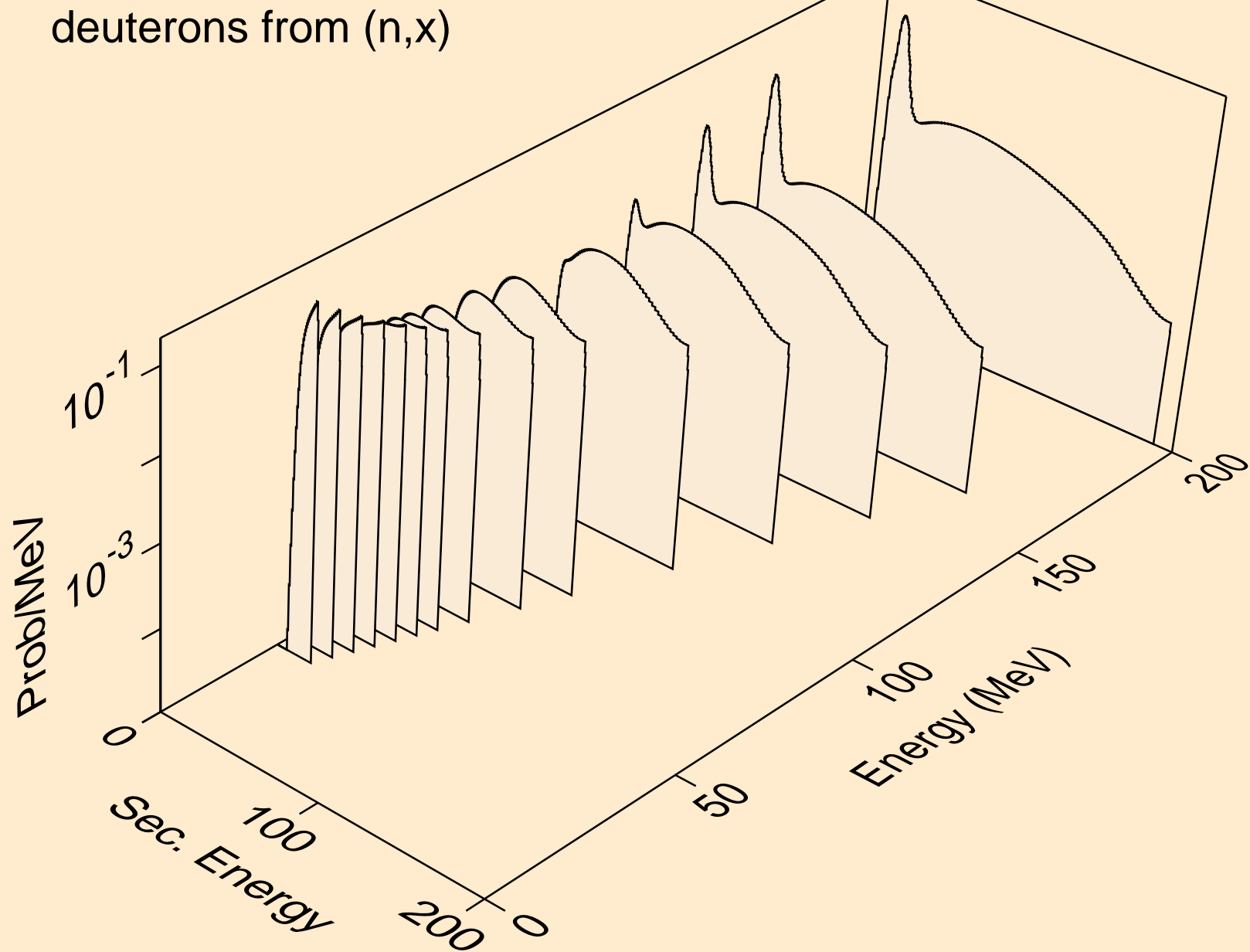
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protons from (n,3np)



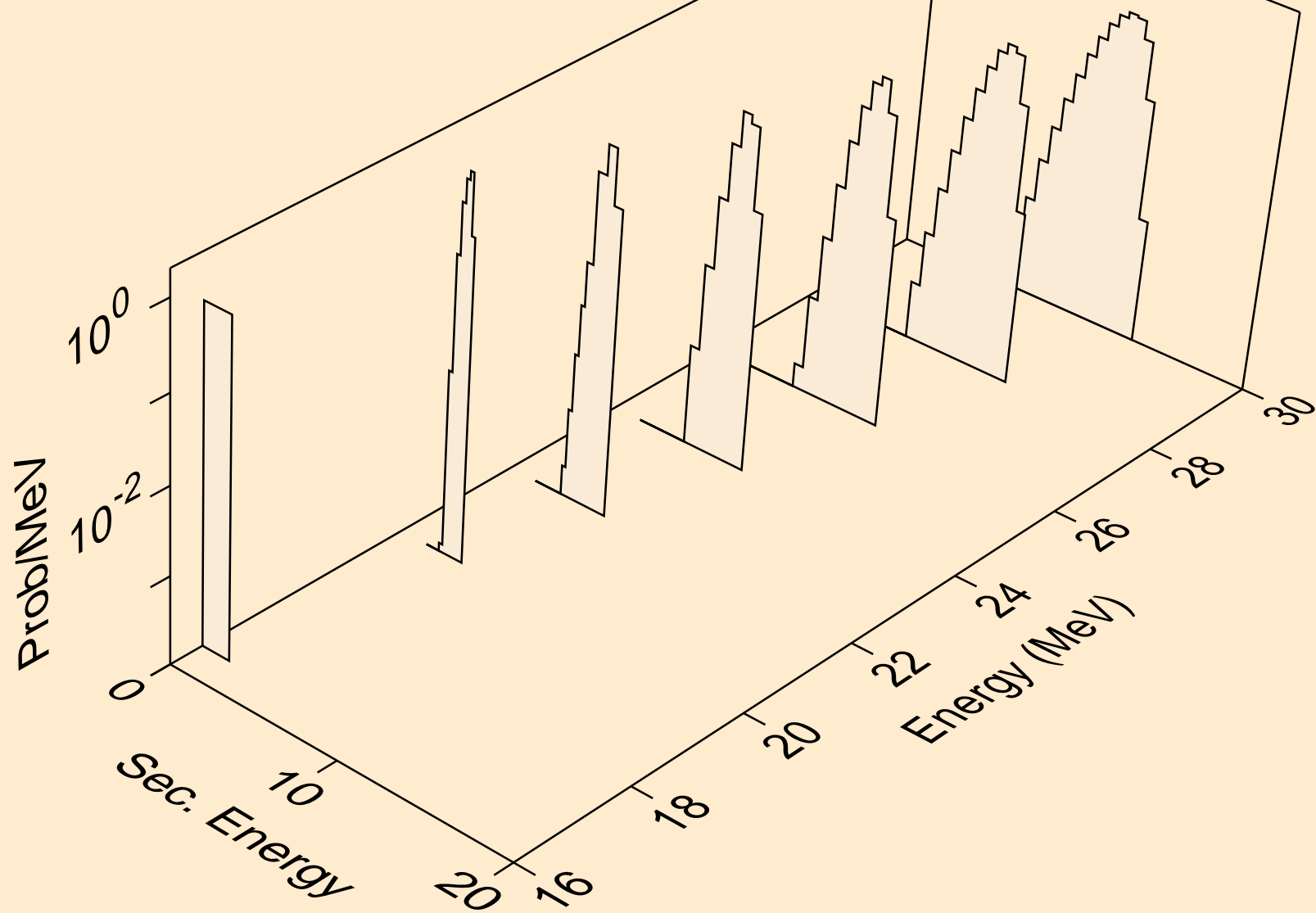
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protons from (n,p)



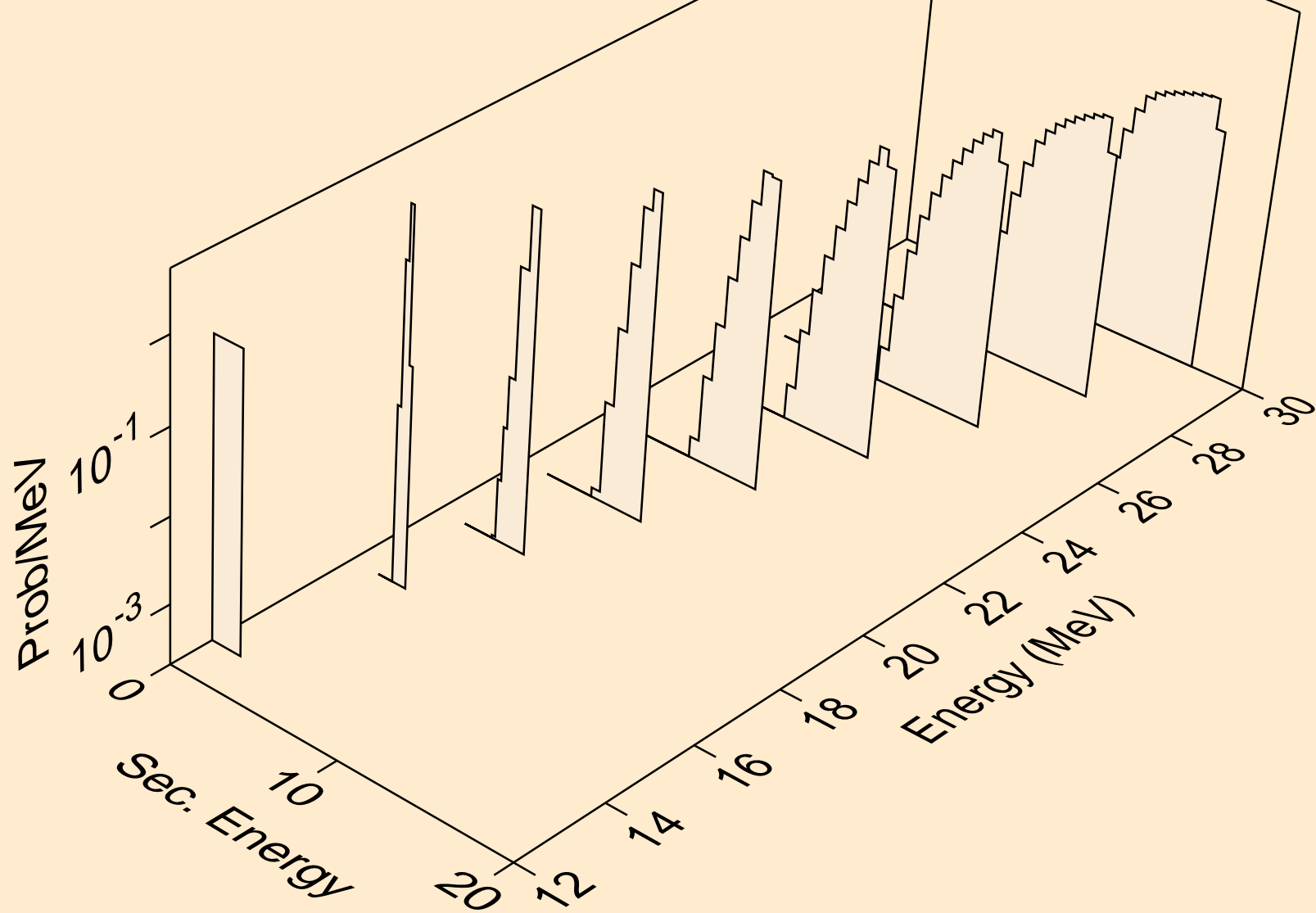
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deuterons from (n,x)



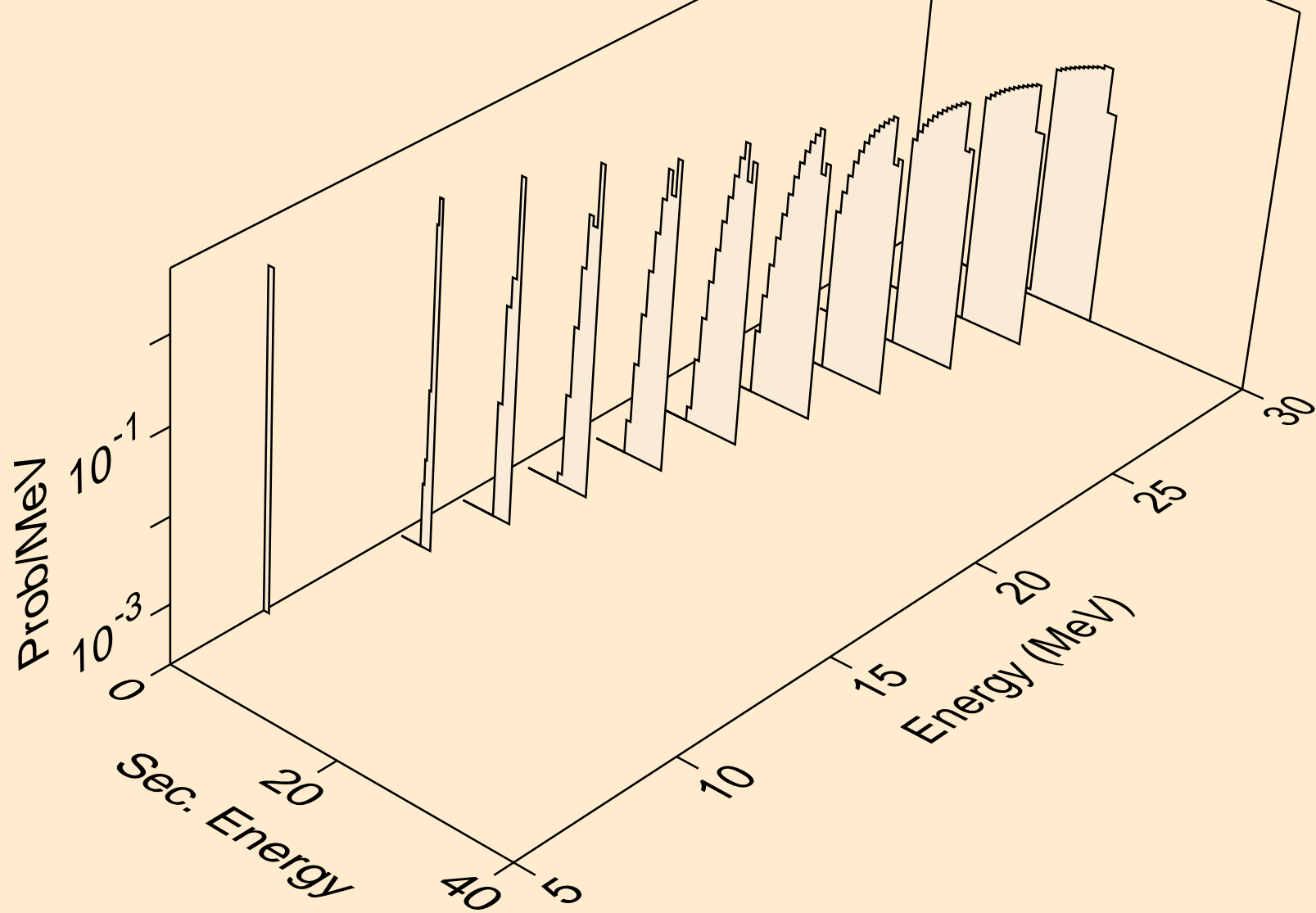
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deuterons from (n,2nd)



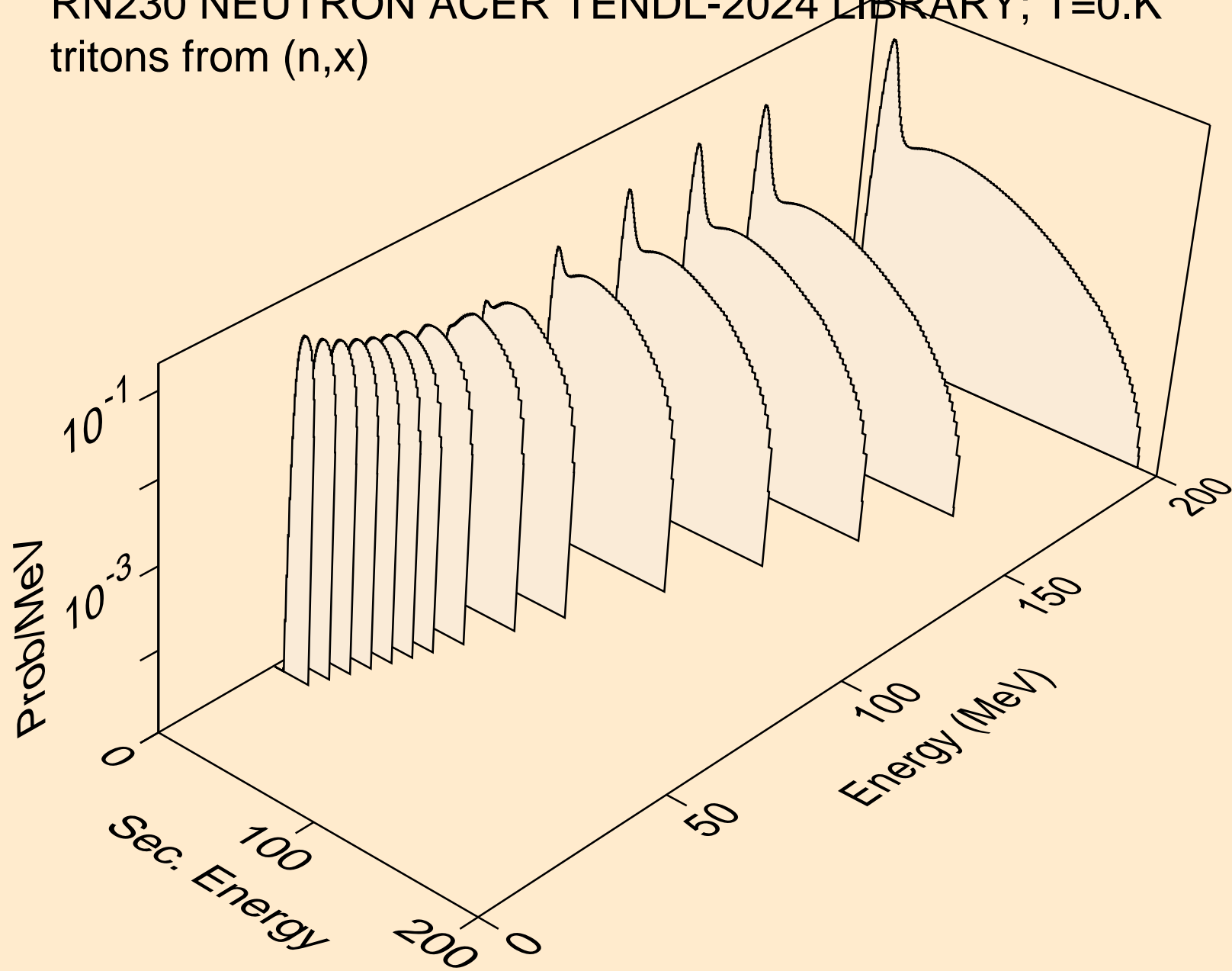
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deuterons from (n,n\*)d



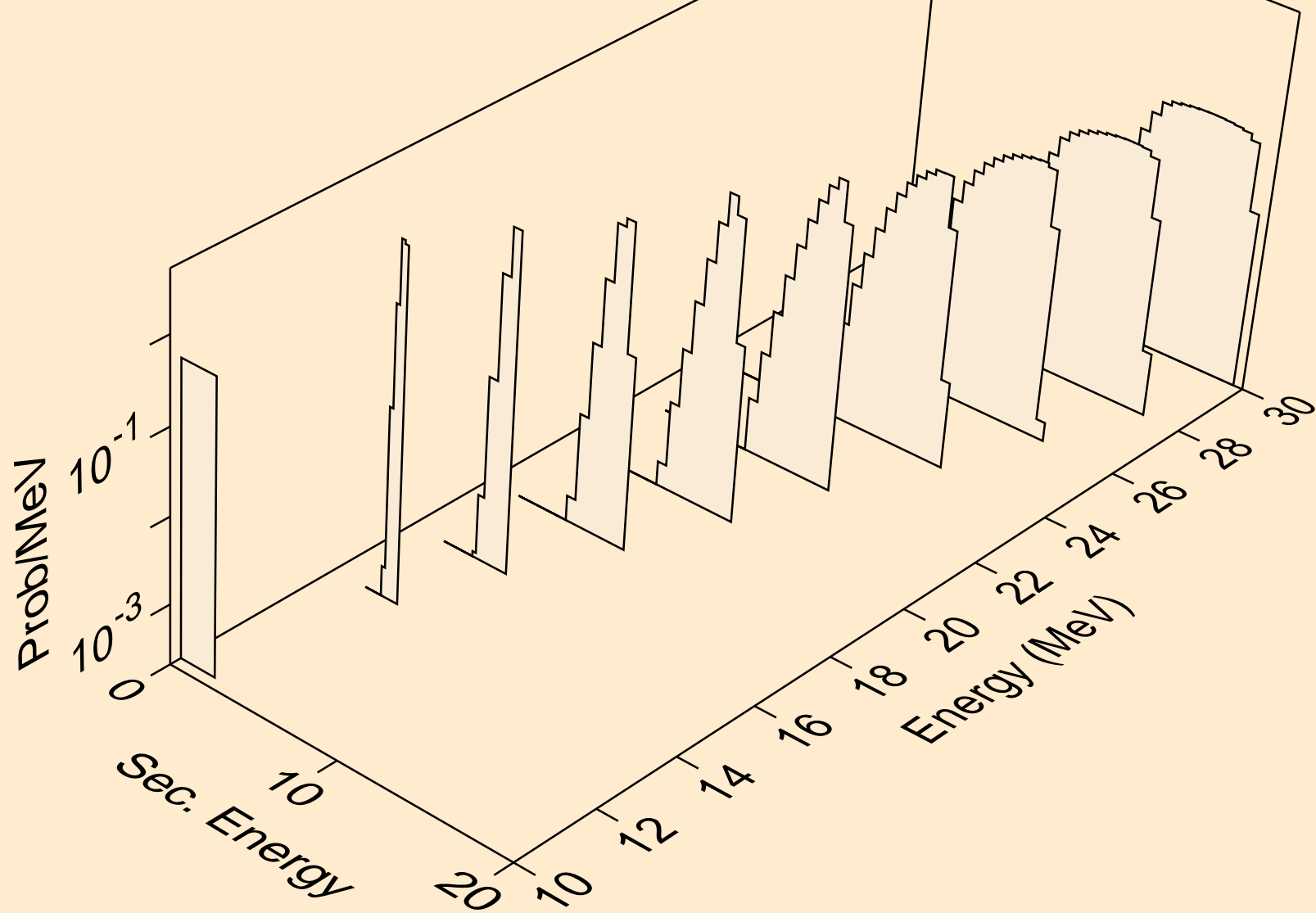
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deuterons from (n,d)



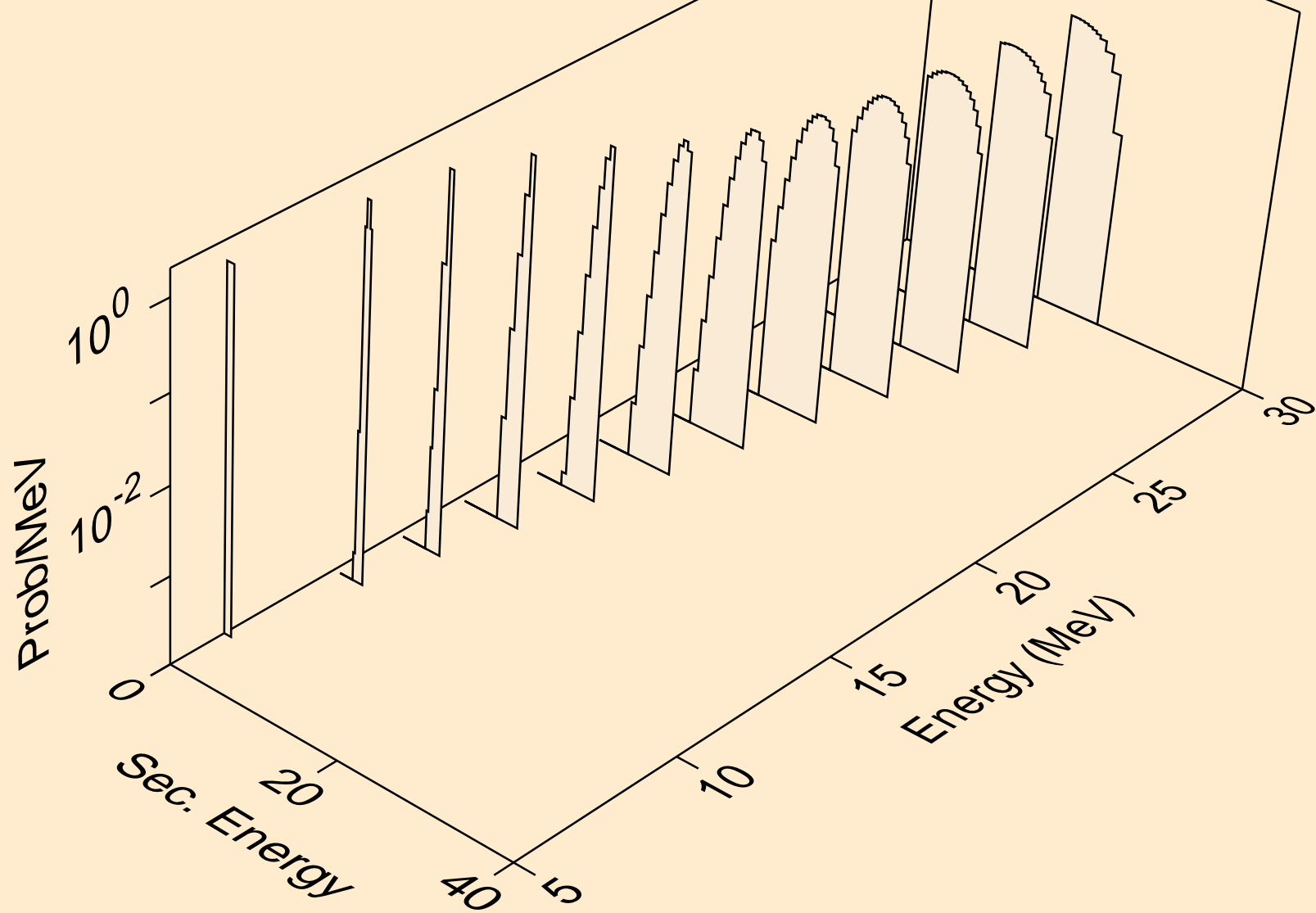
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tritons from (n,x)



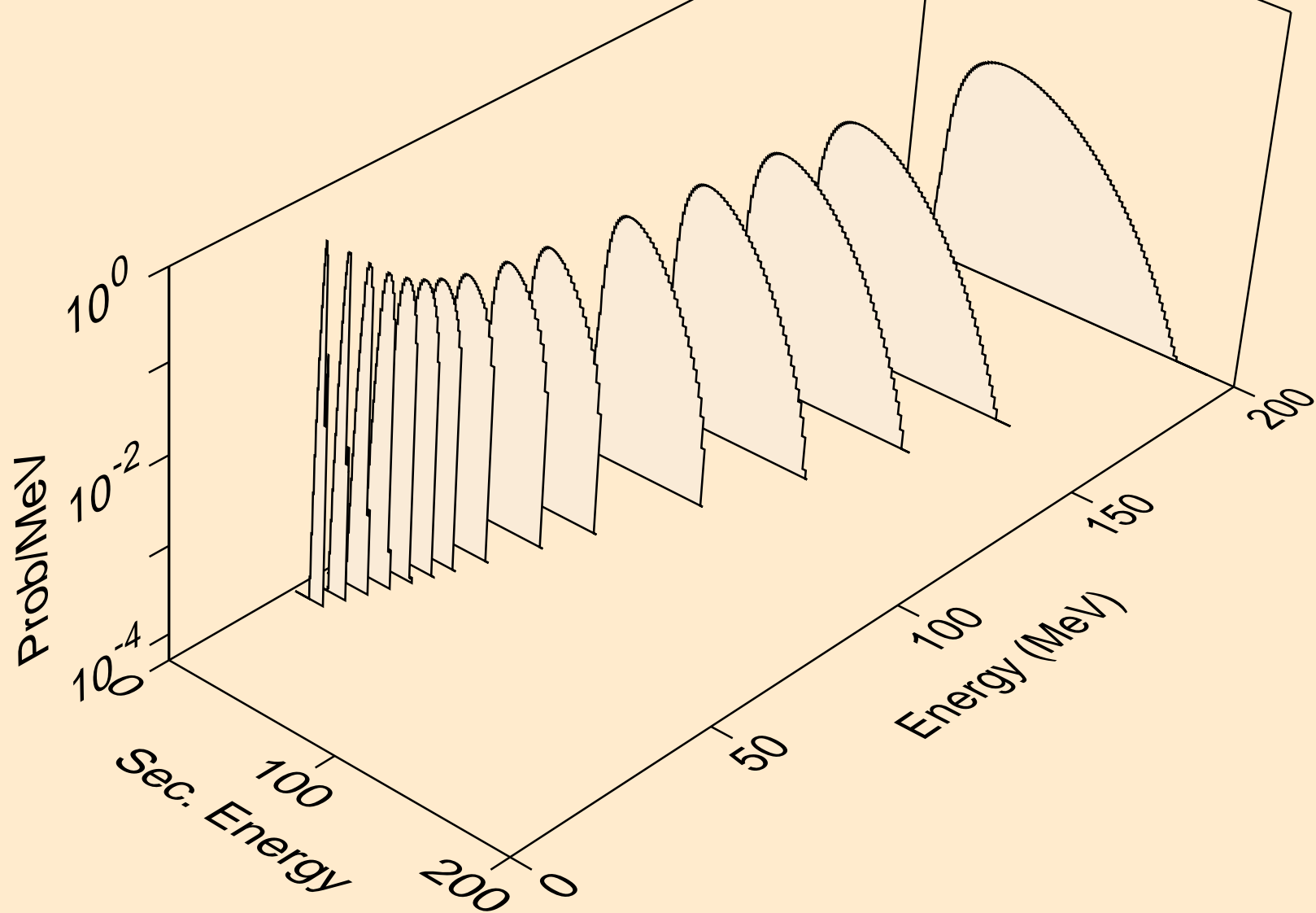
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tritons from (n,n\*)t



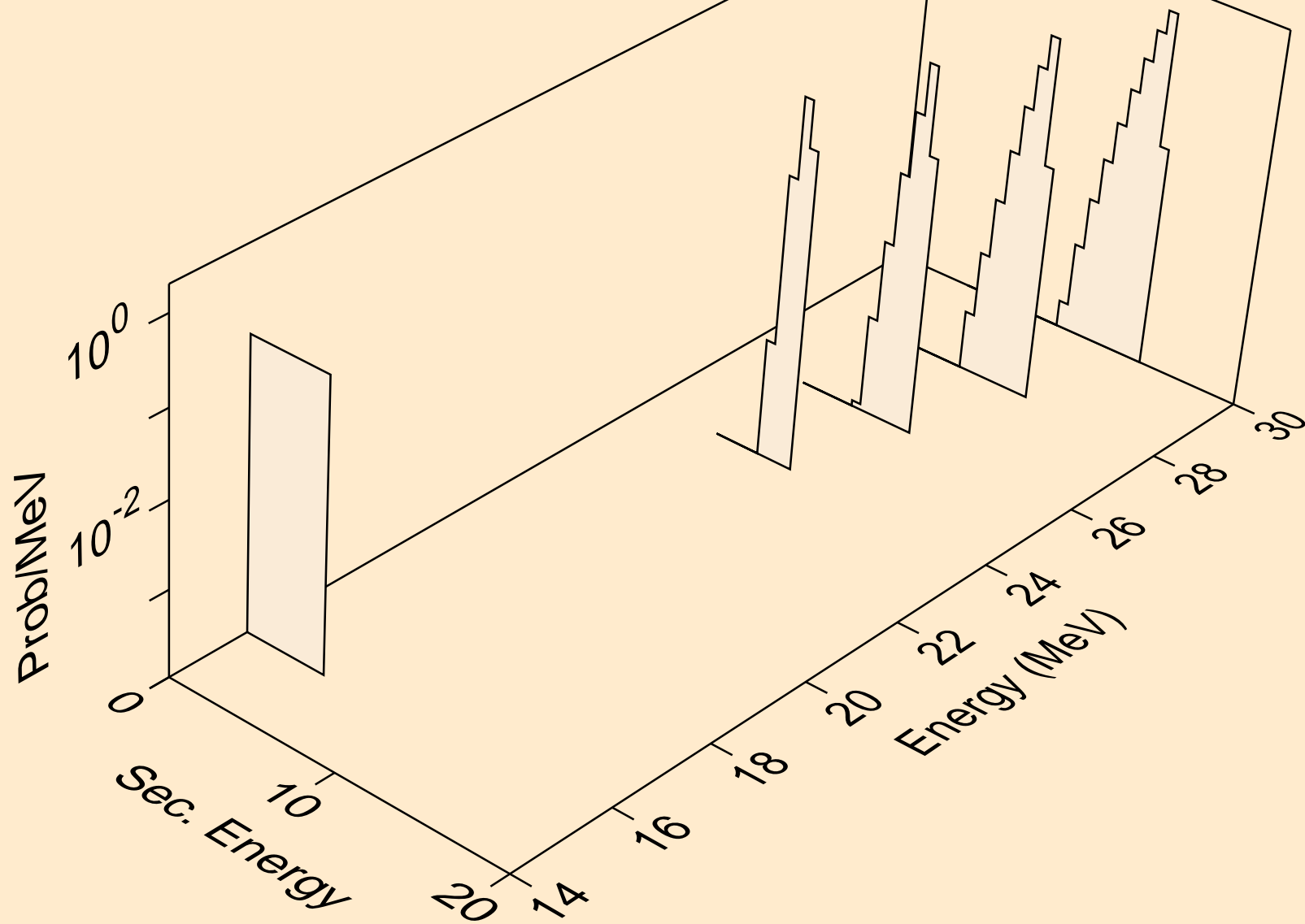
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tritons from (n,t)



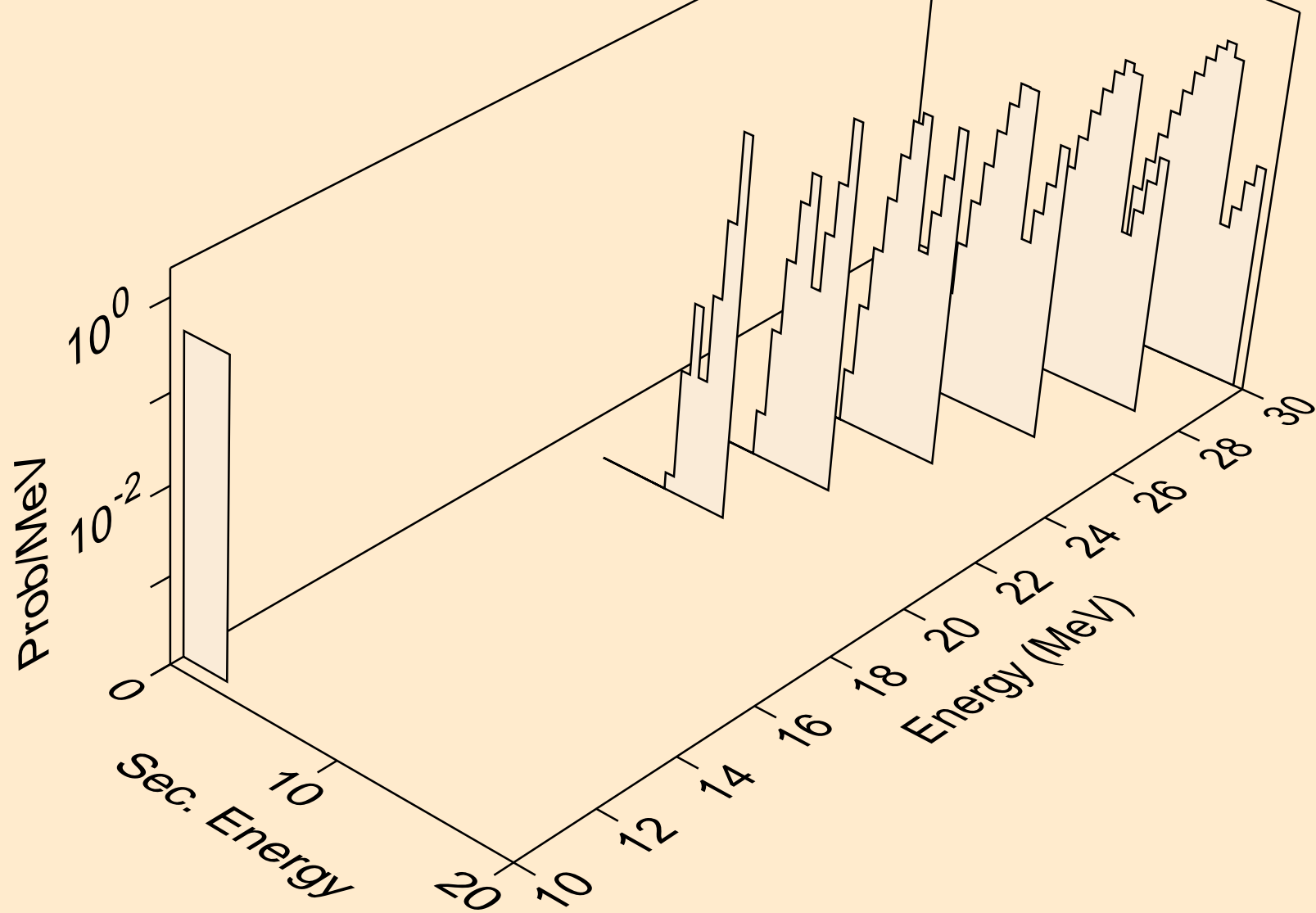
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he3s from (n,x)



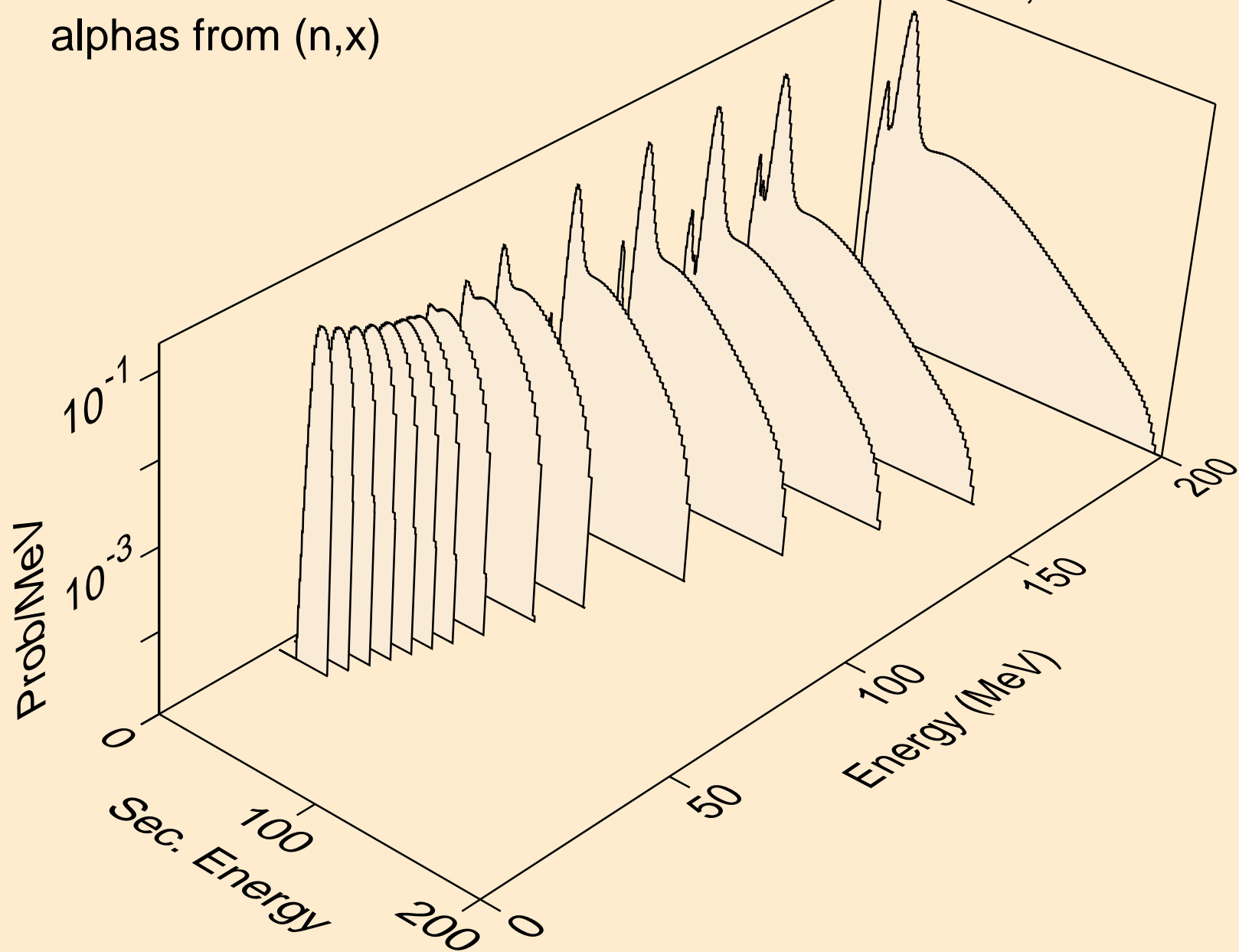
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he3s from (n,n\*)he3



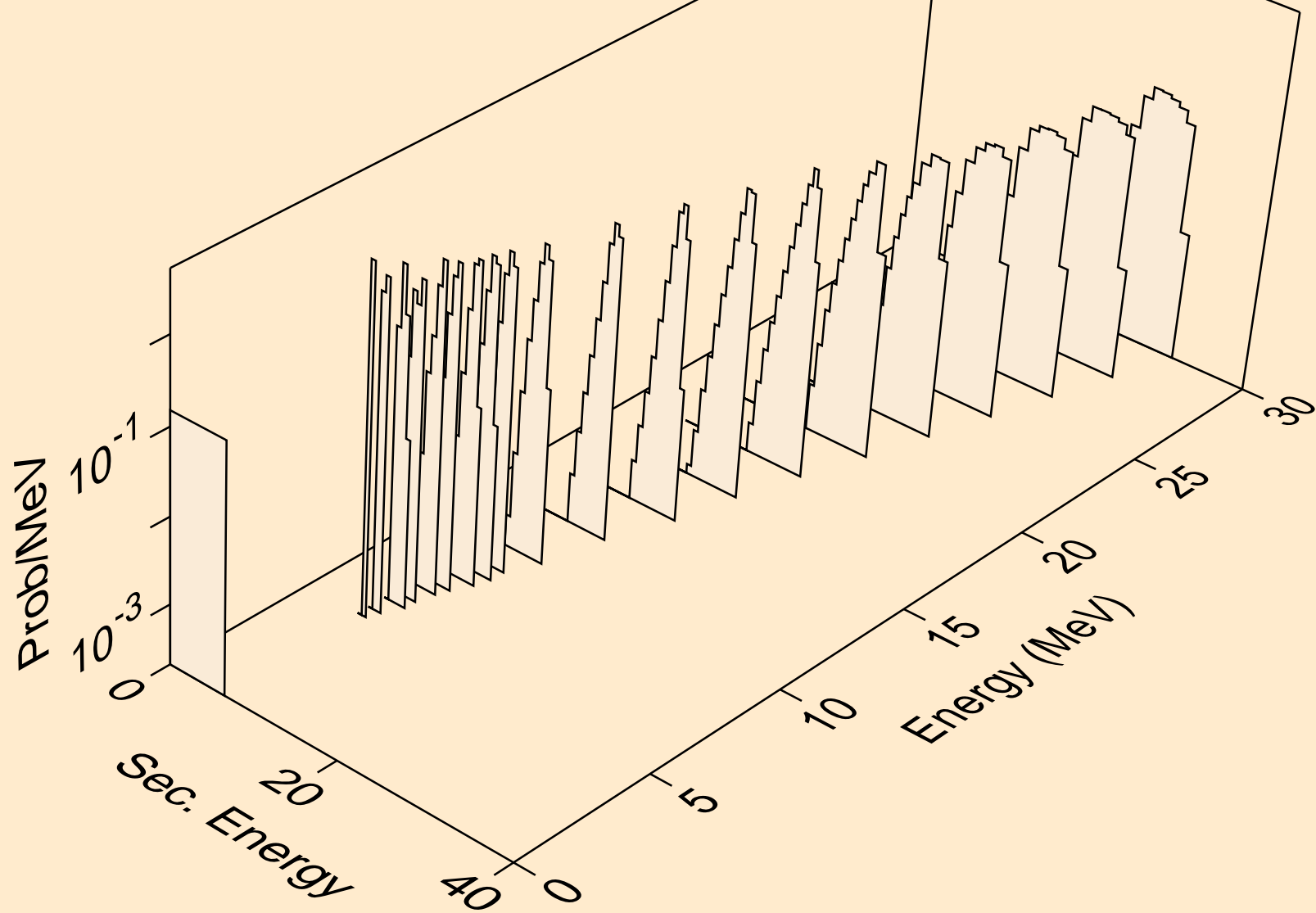
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he3s from (n,he3)



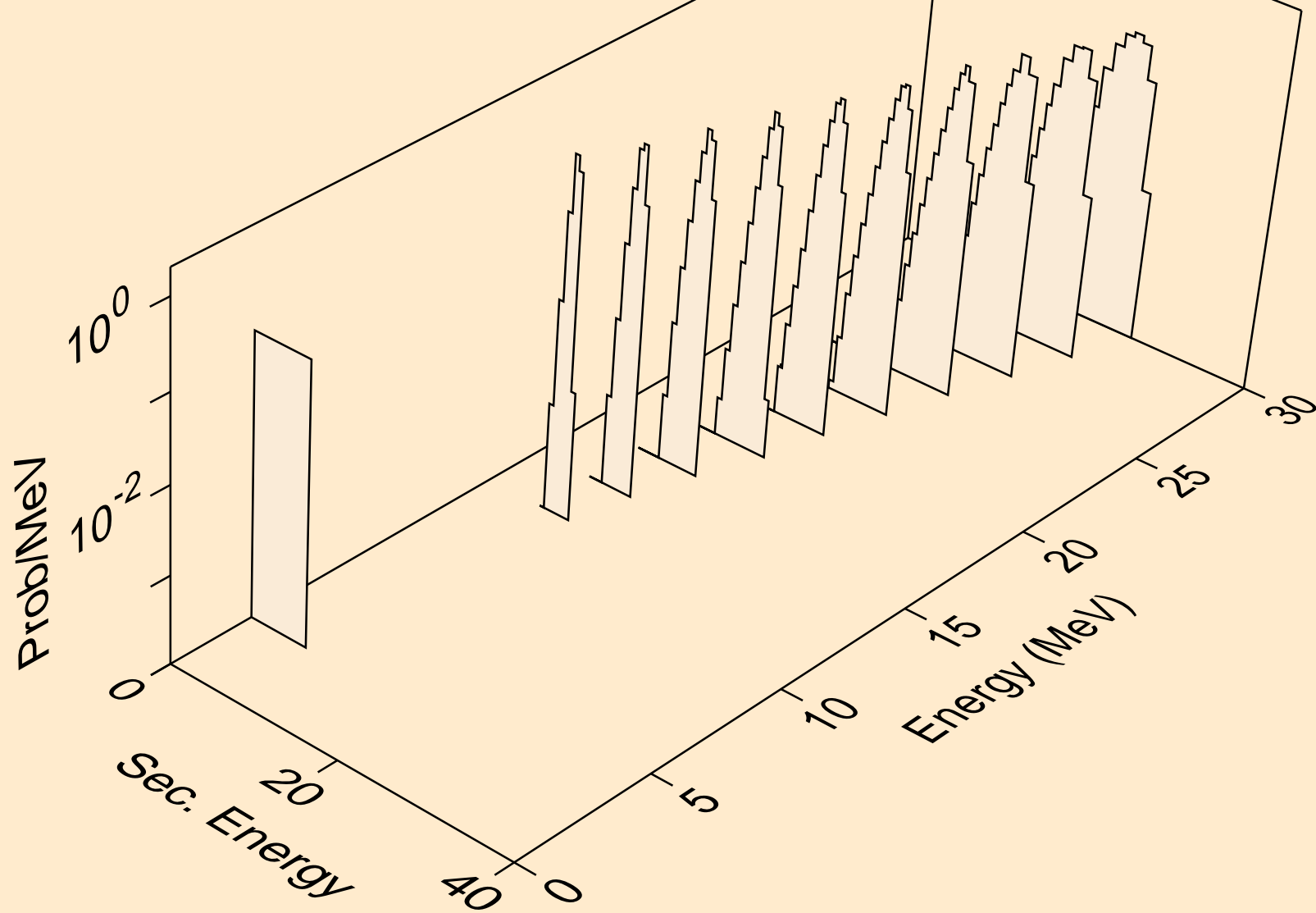
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



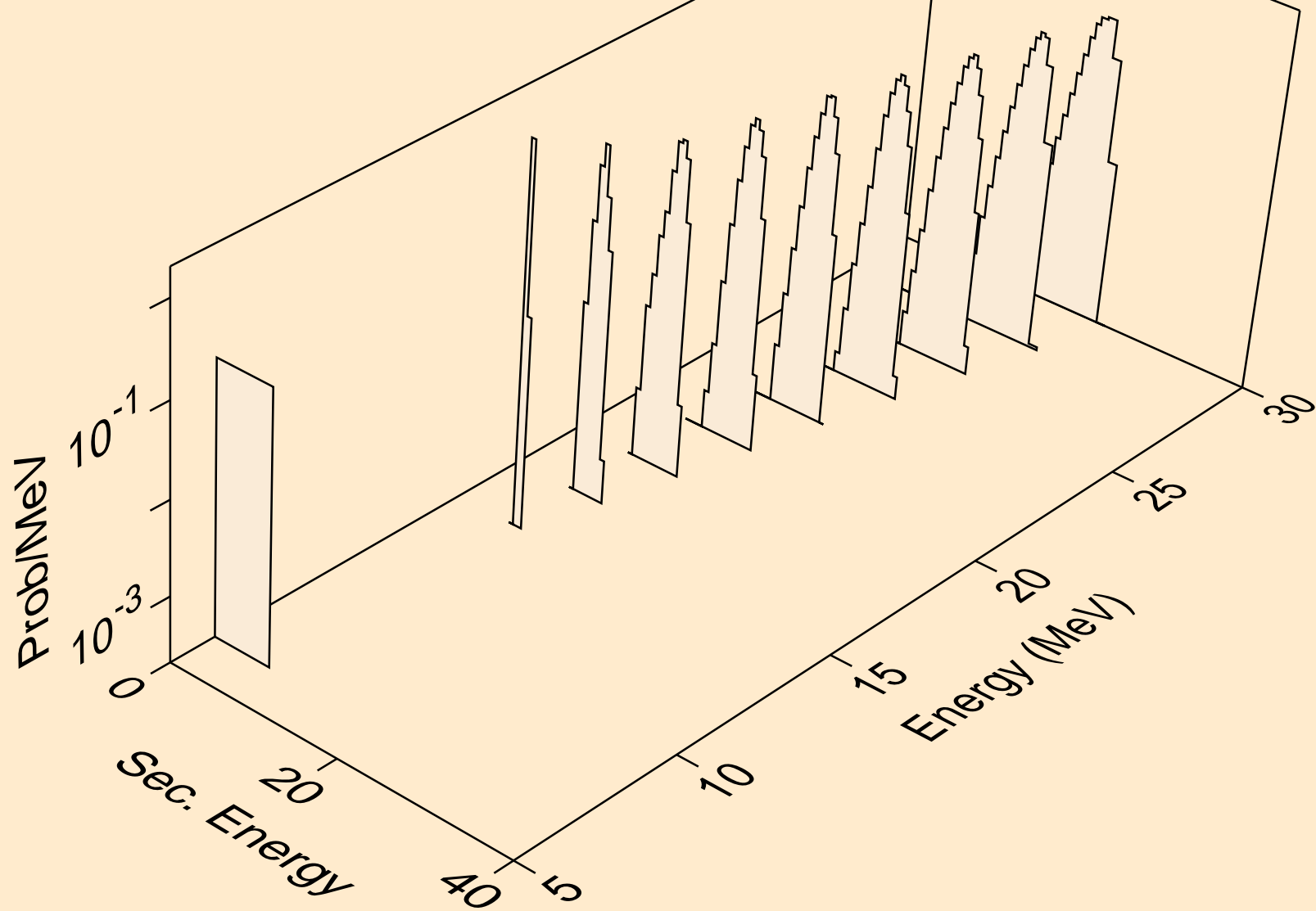
RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



RN230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

