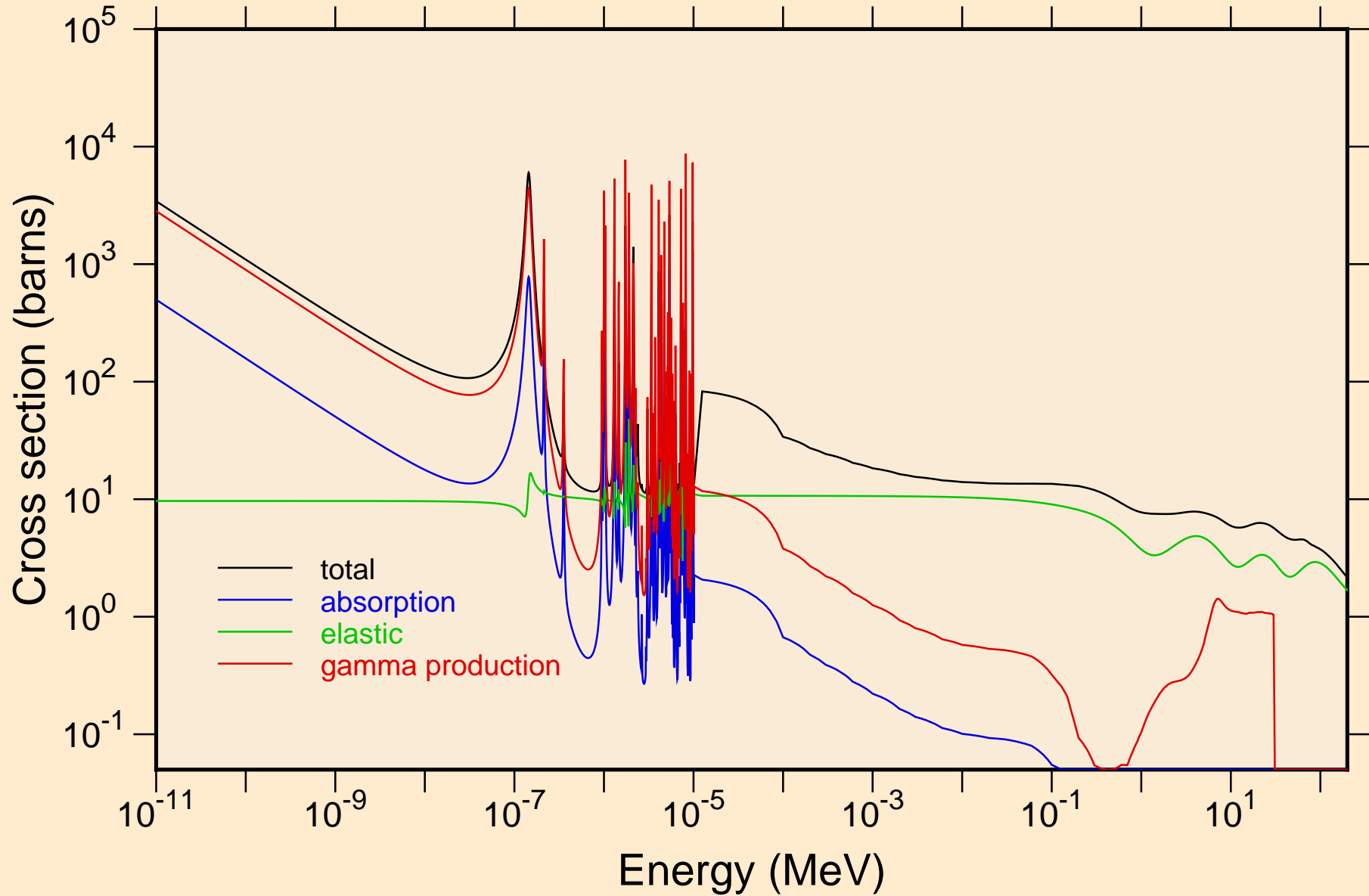
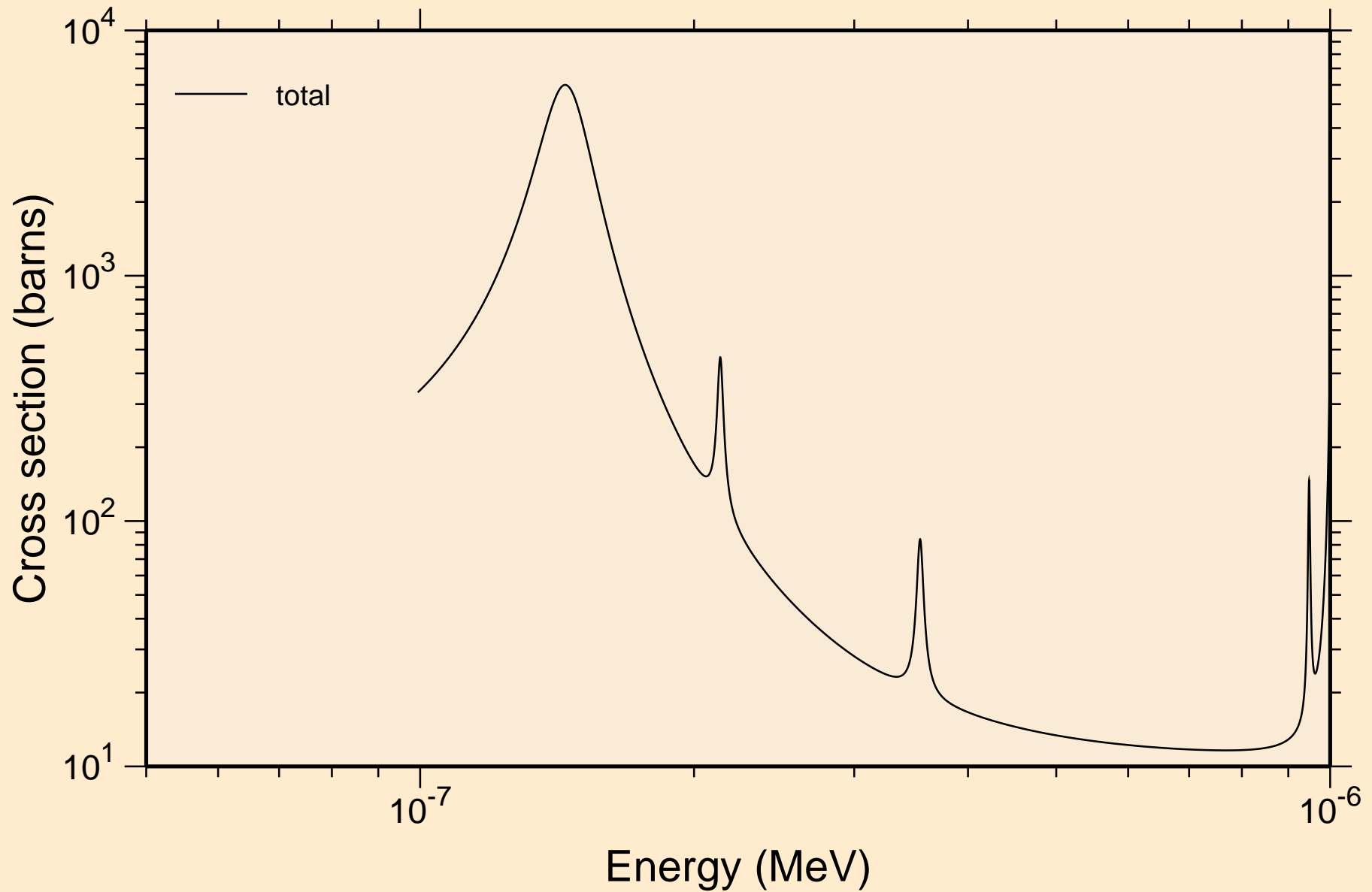


# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

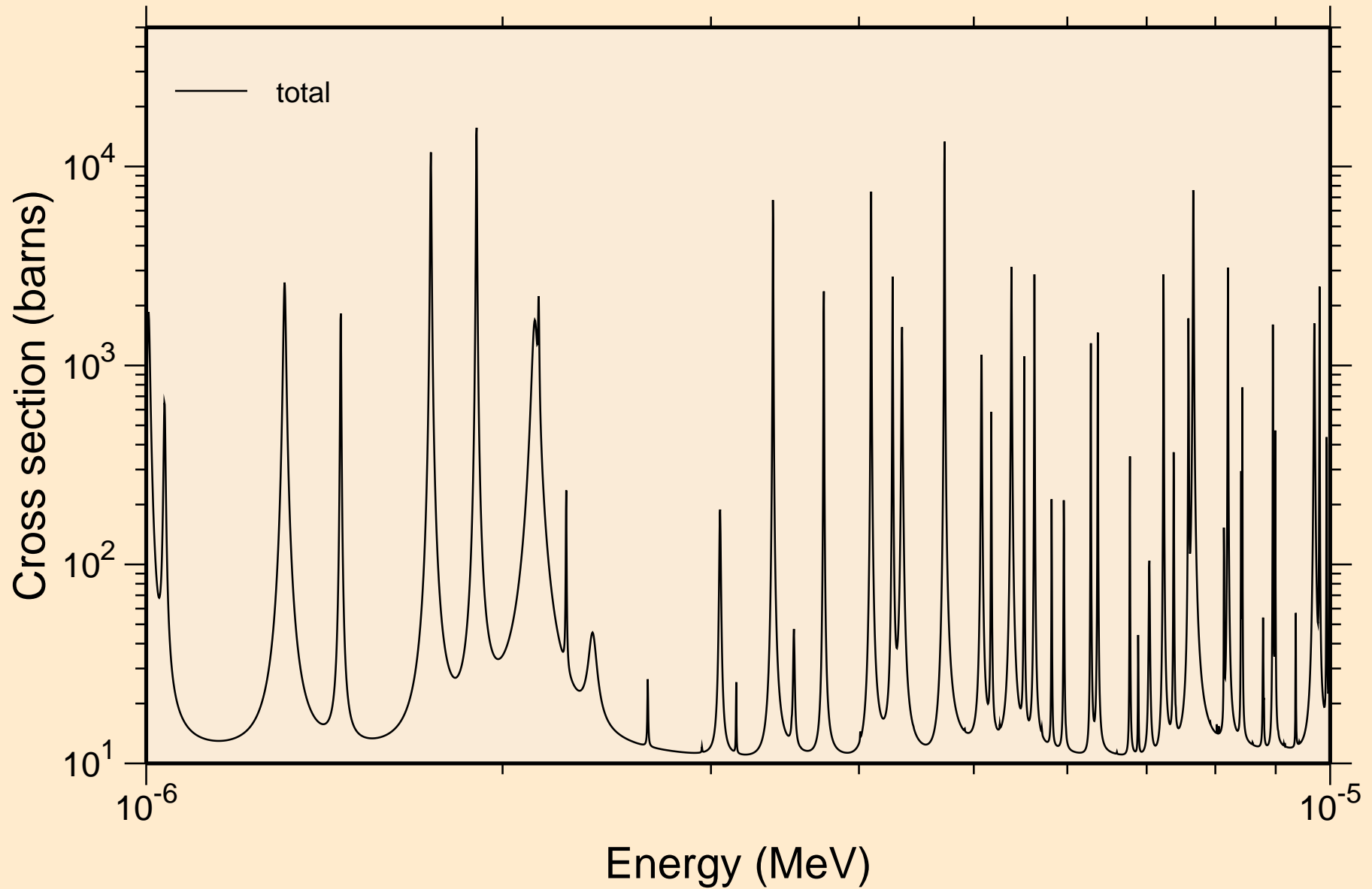
## Principal cross sections



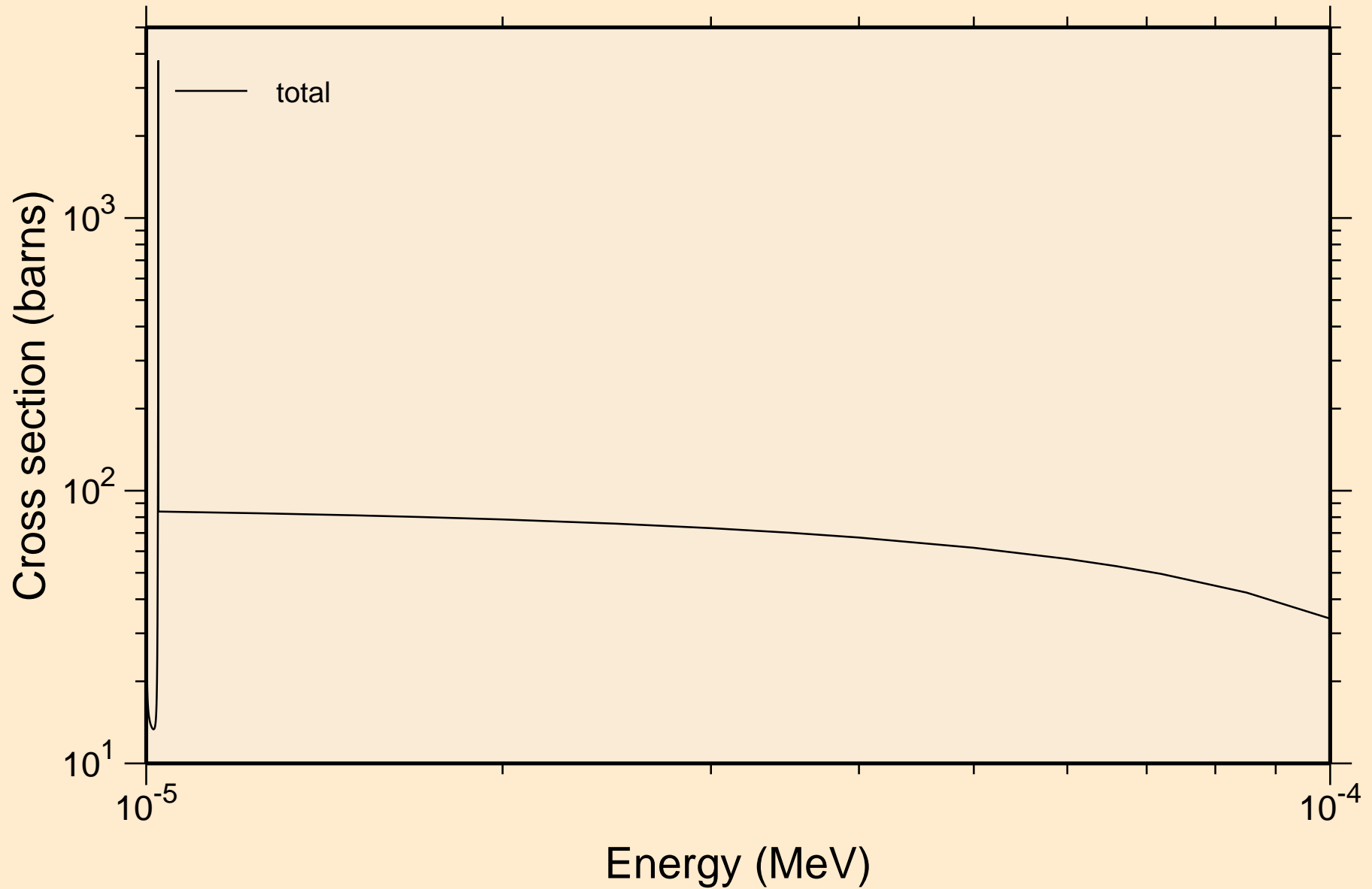
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



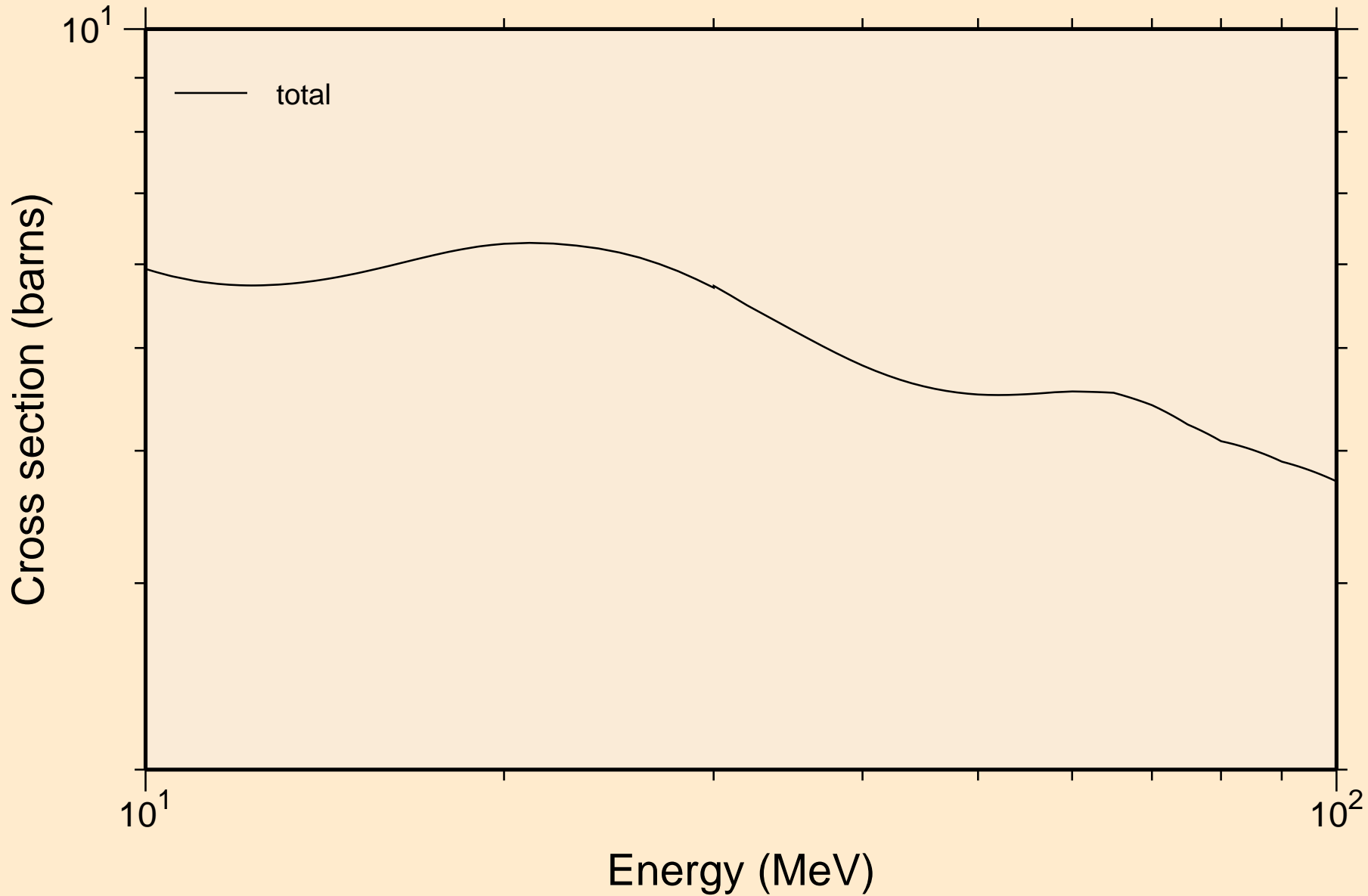
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



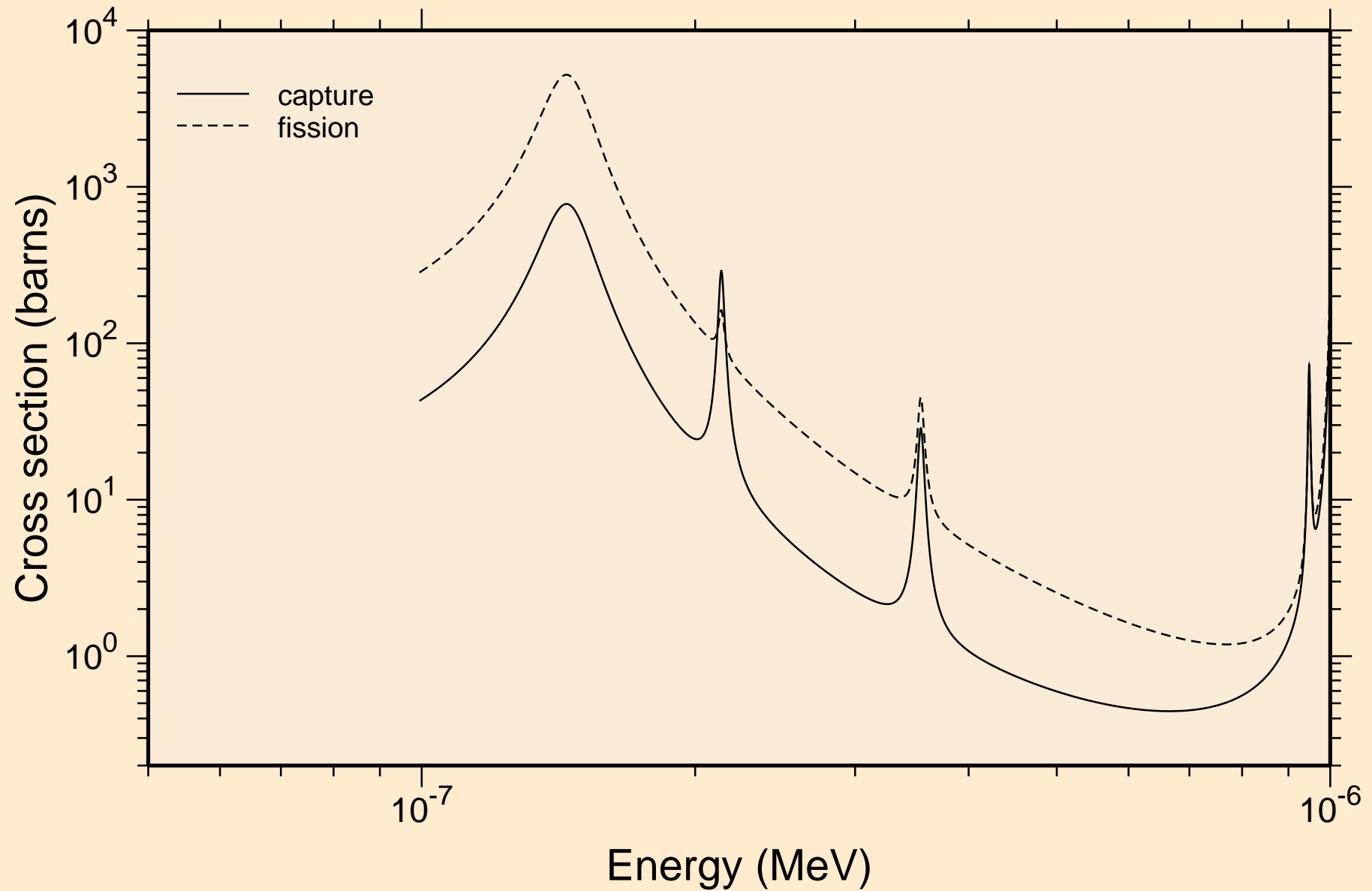
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



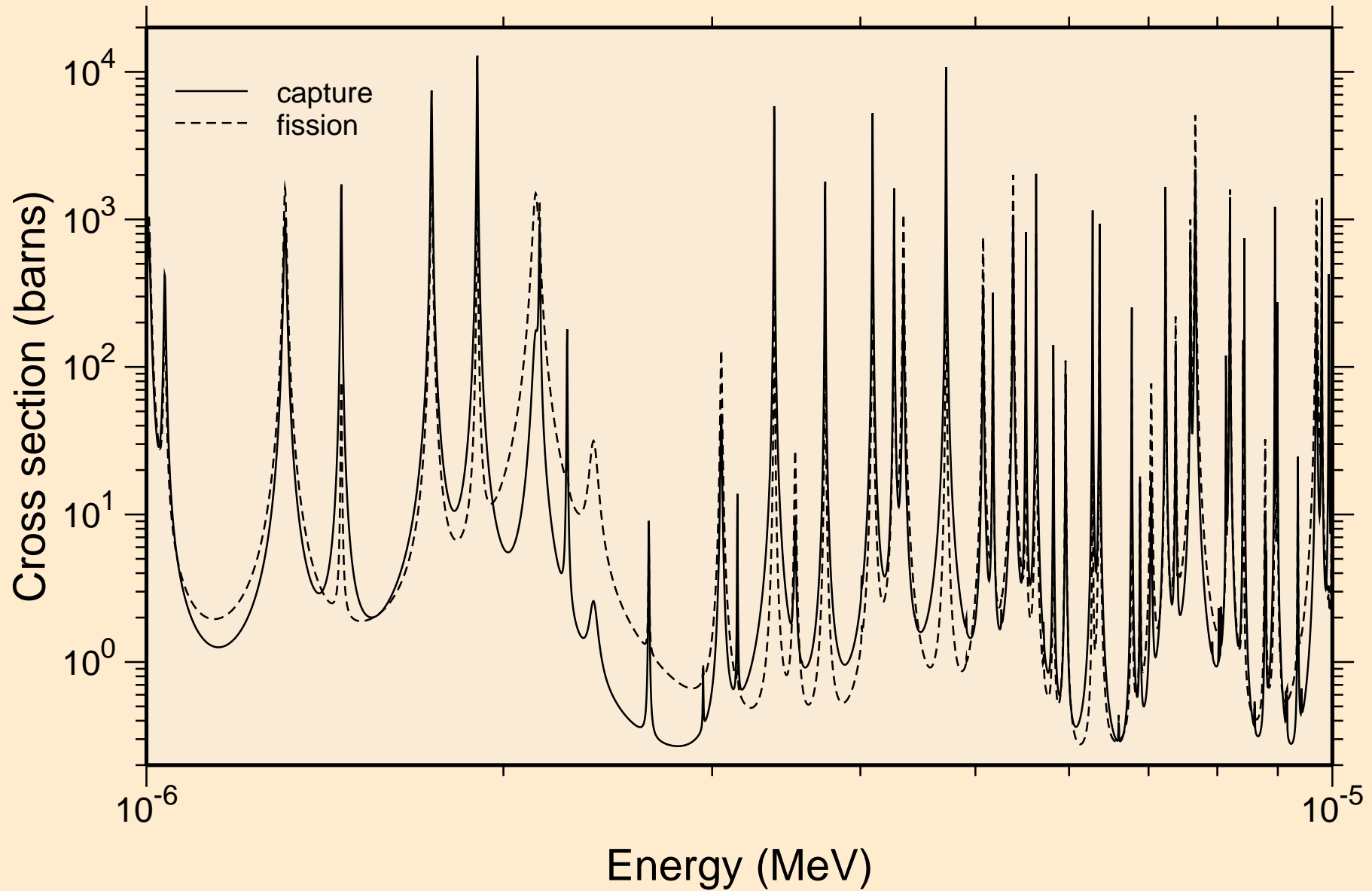
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



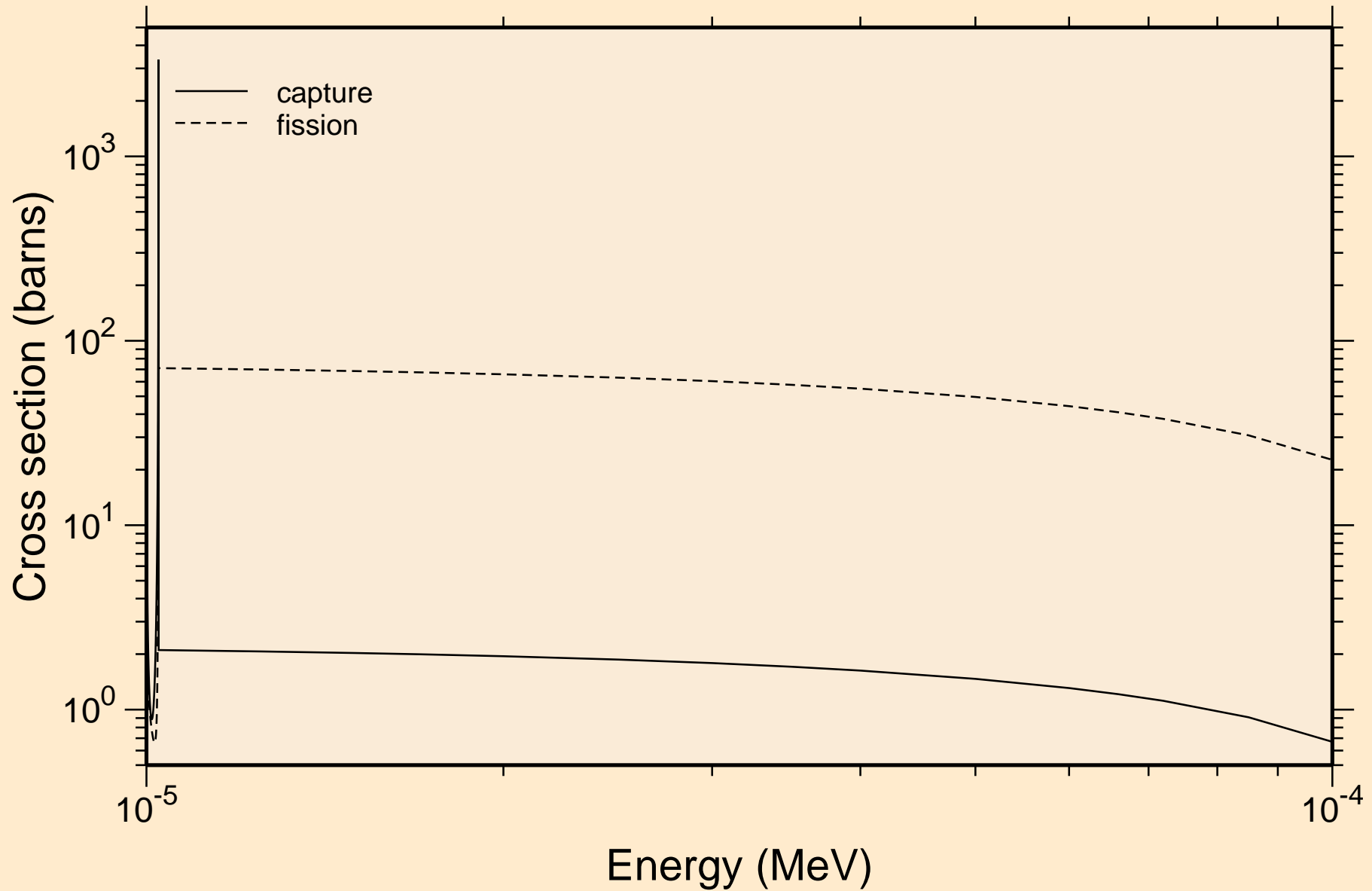
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

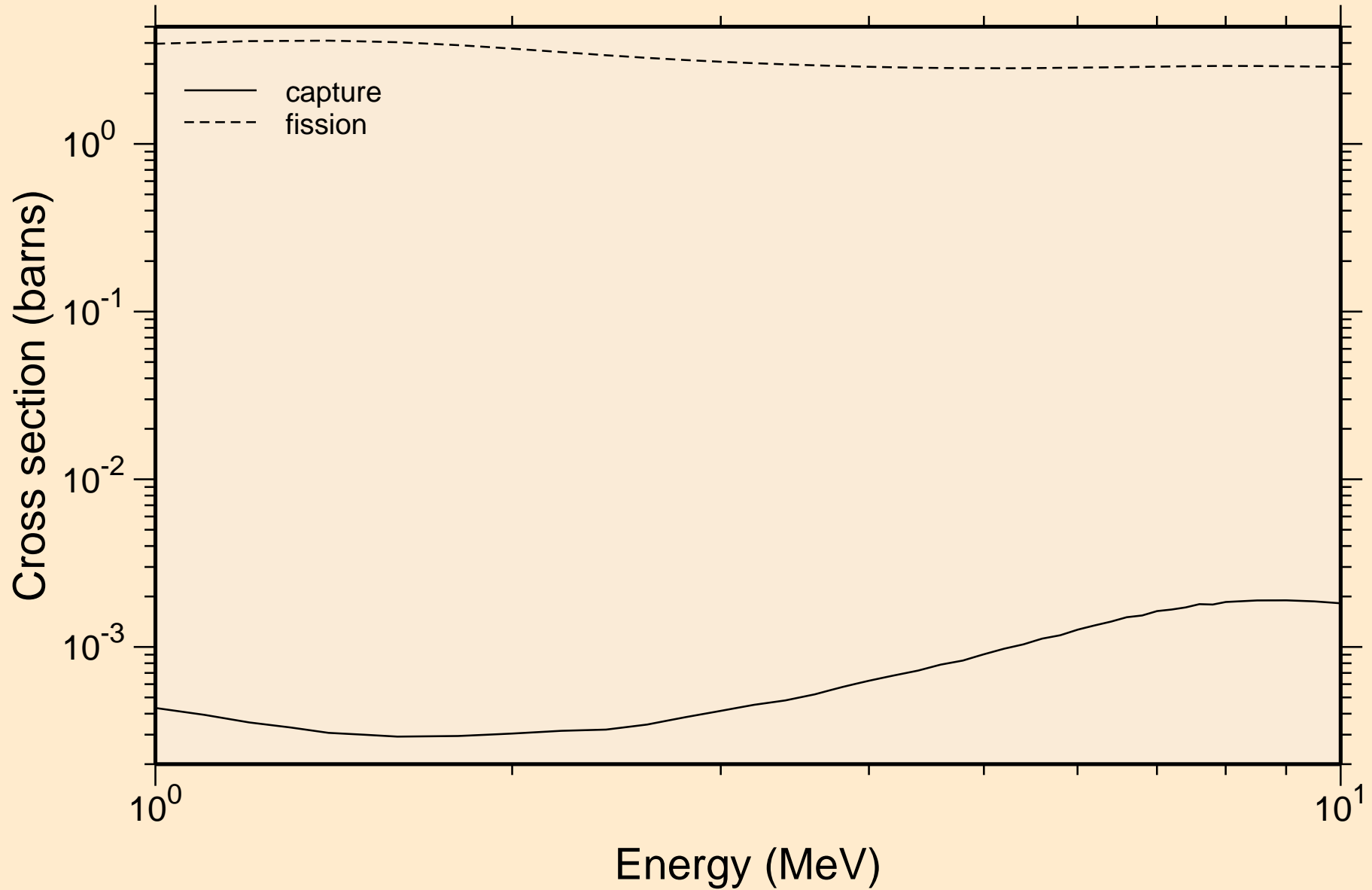


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

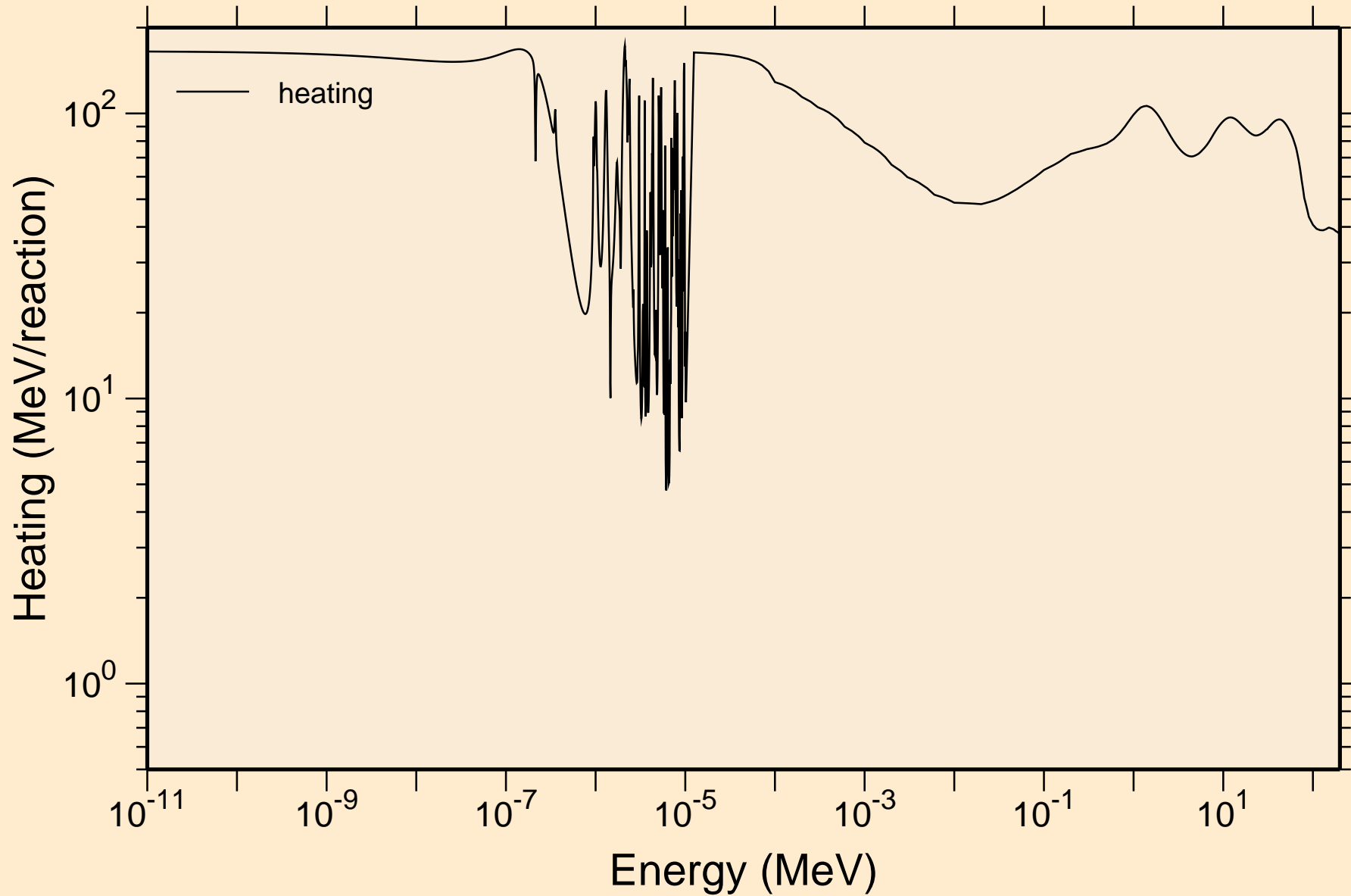




FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

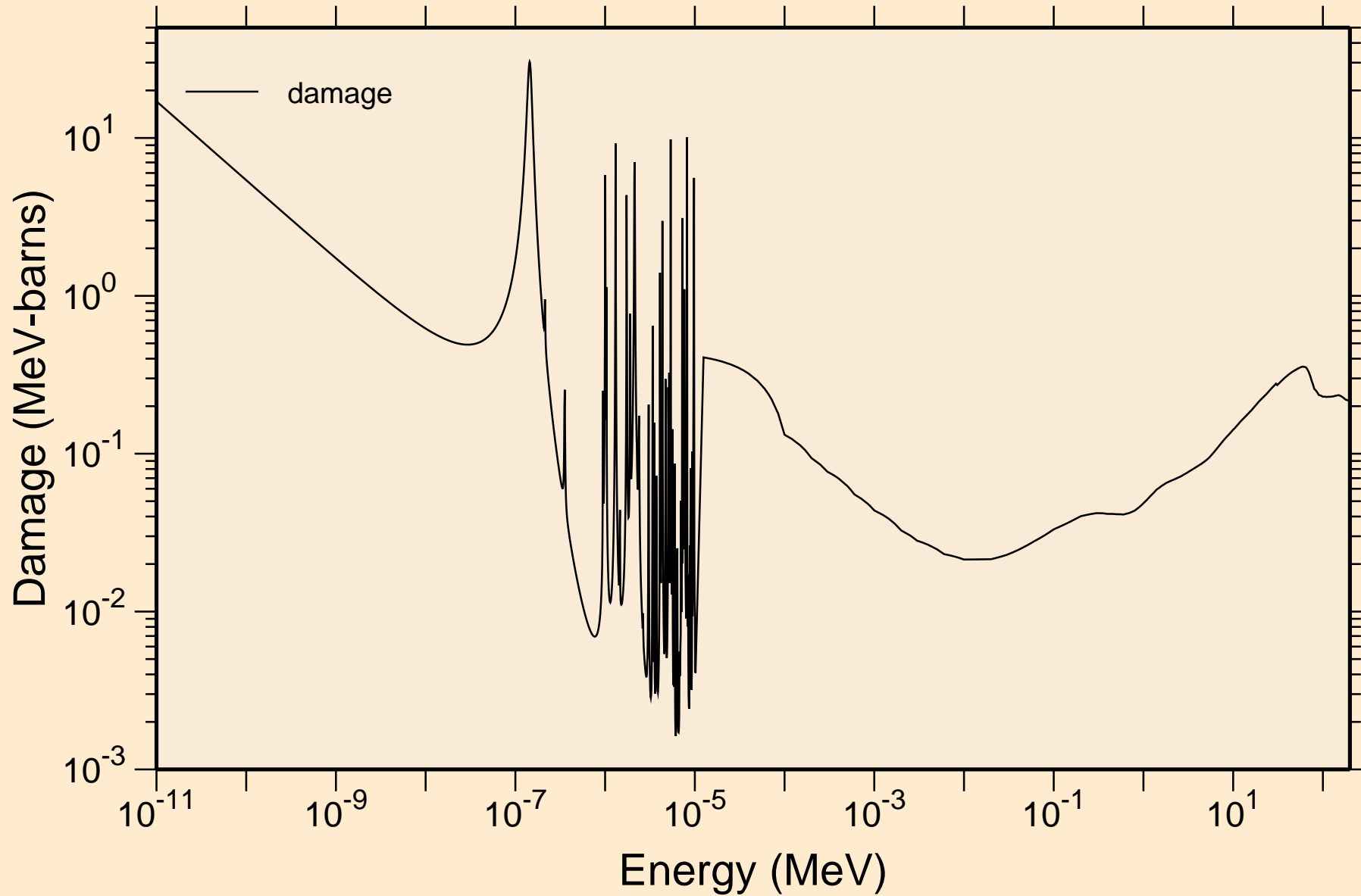


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



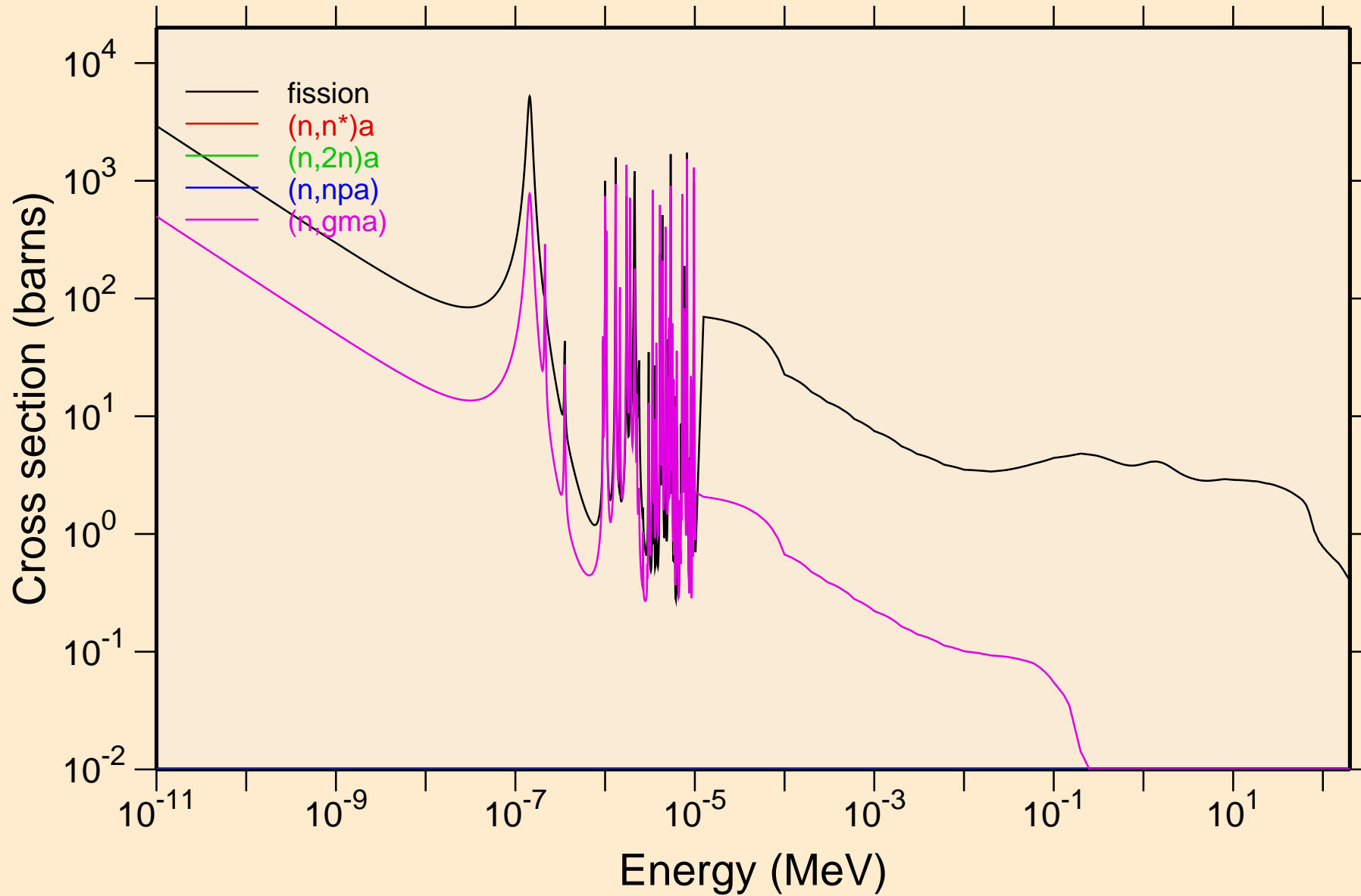
# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

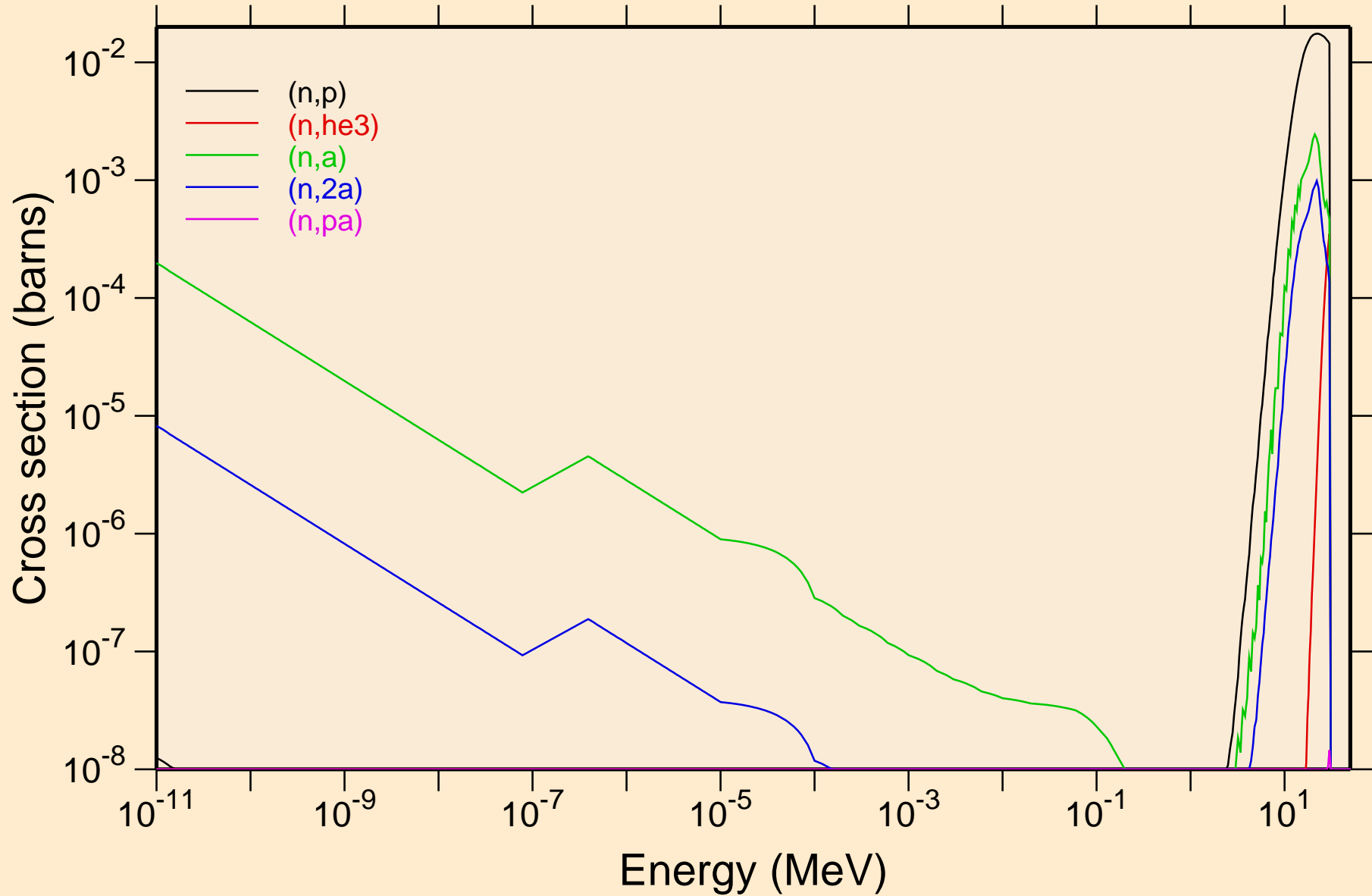


# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

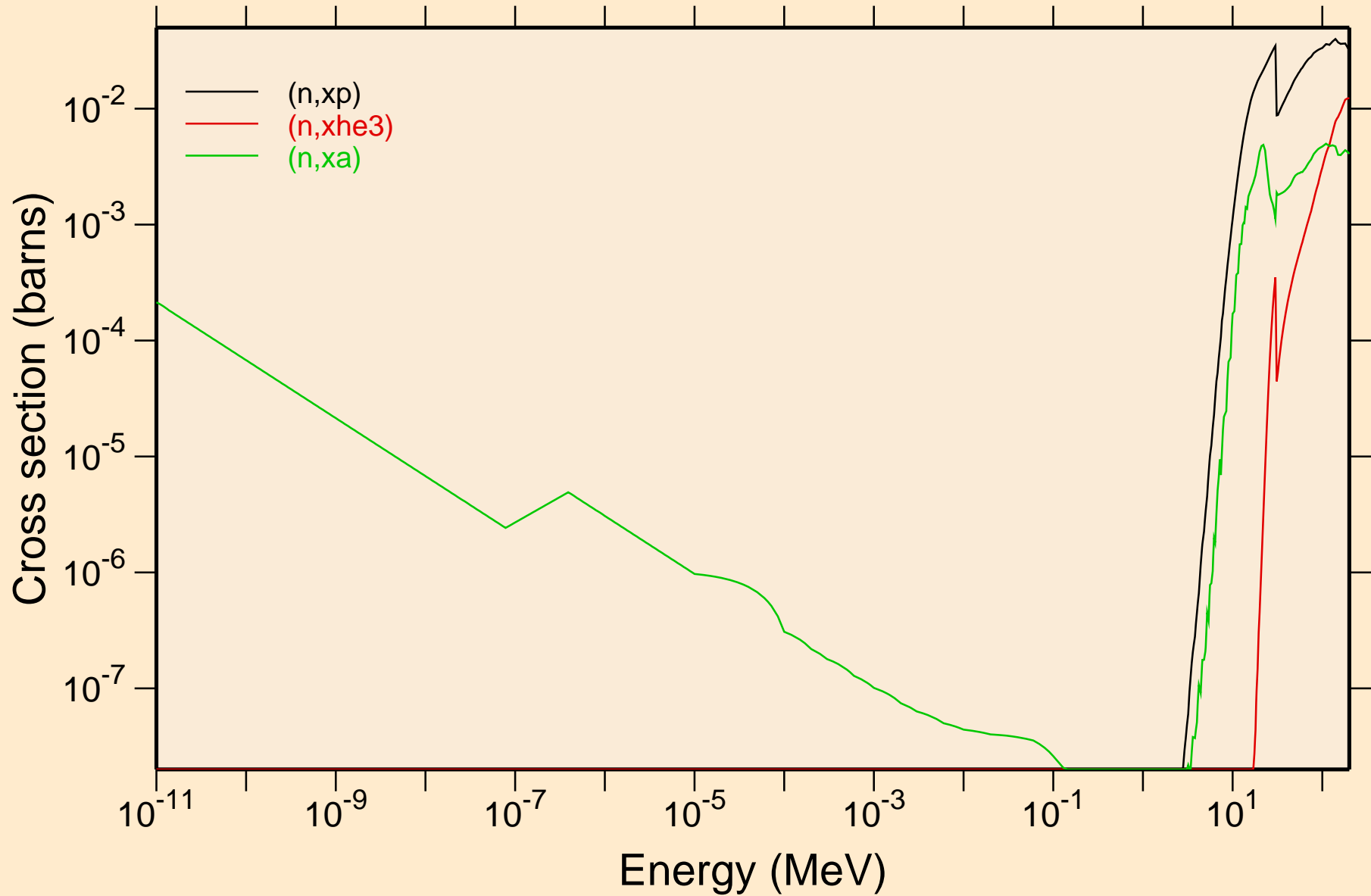
## Non-threshold reactions



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

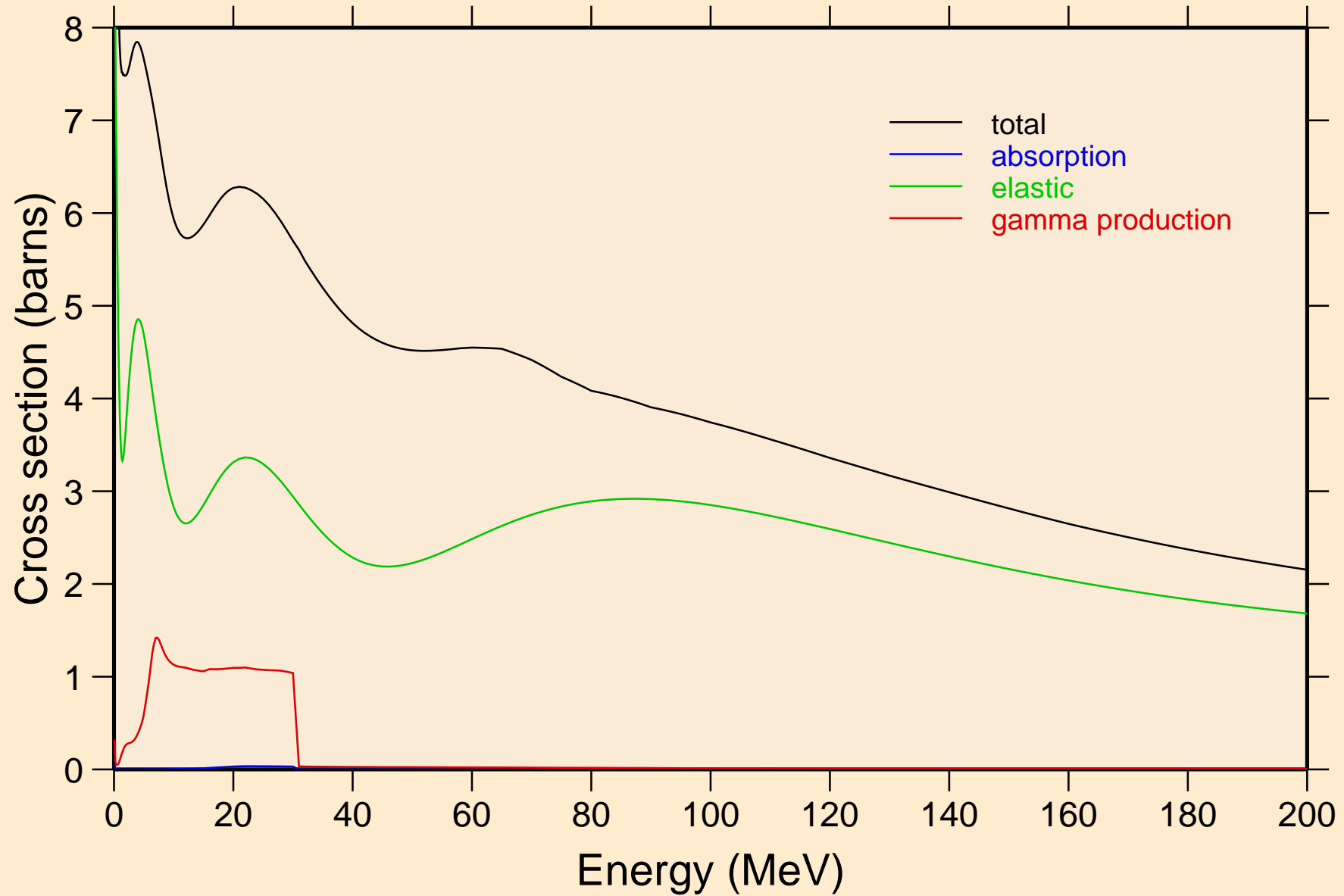


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

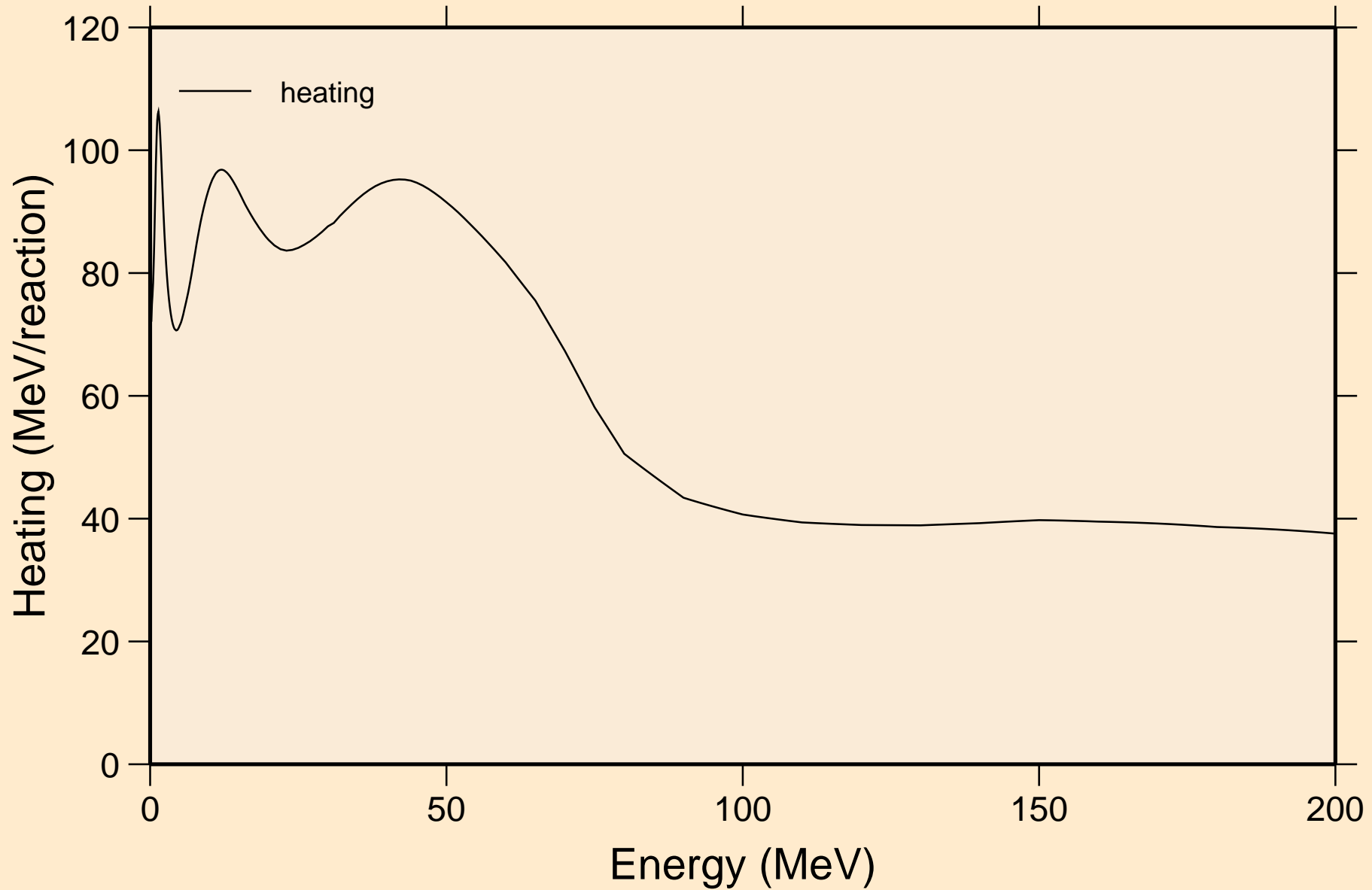


# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

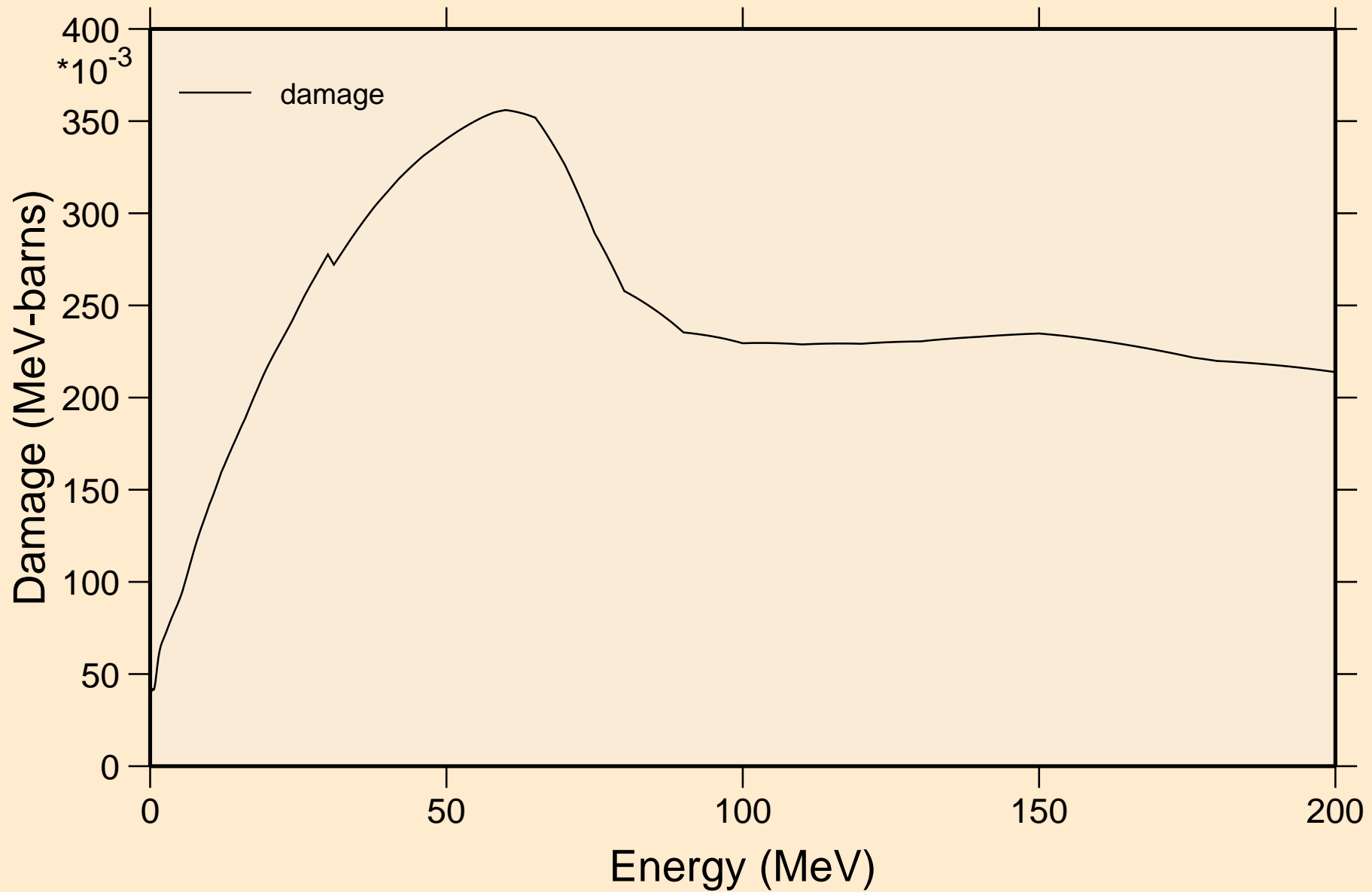


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



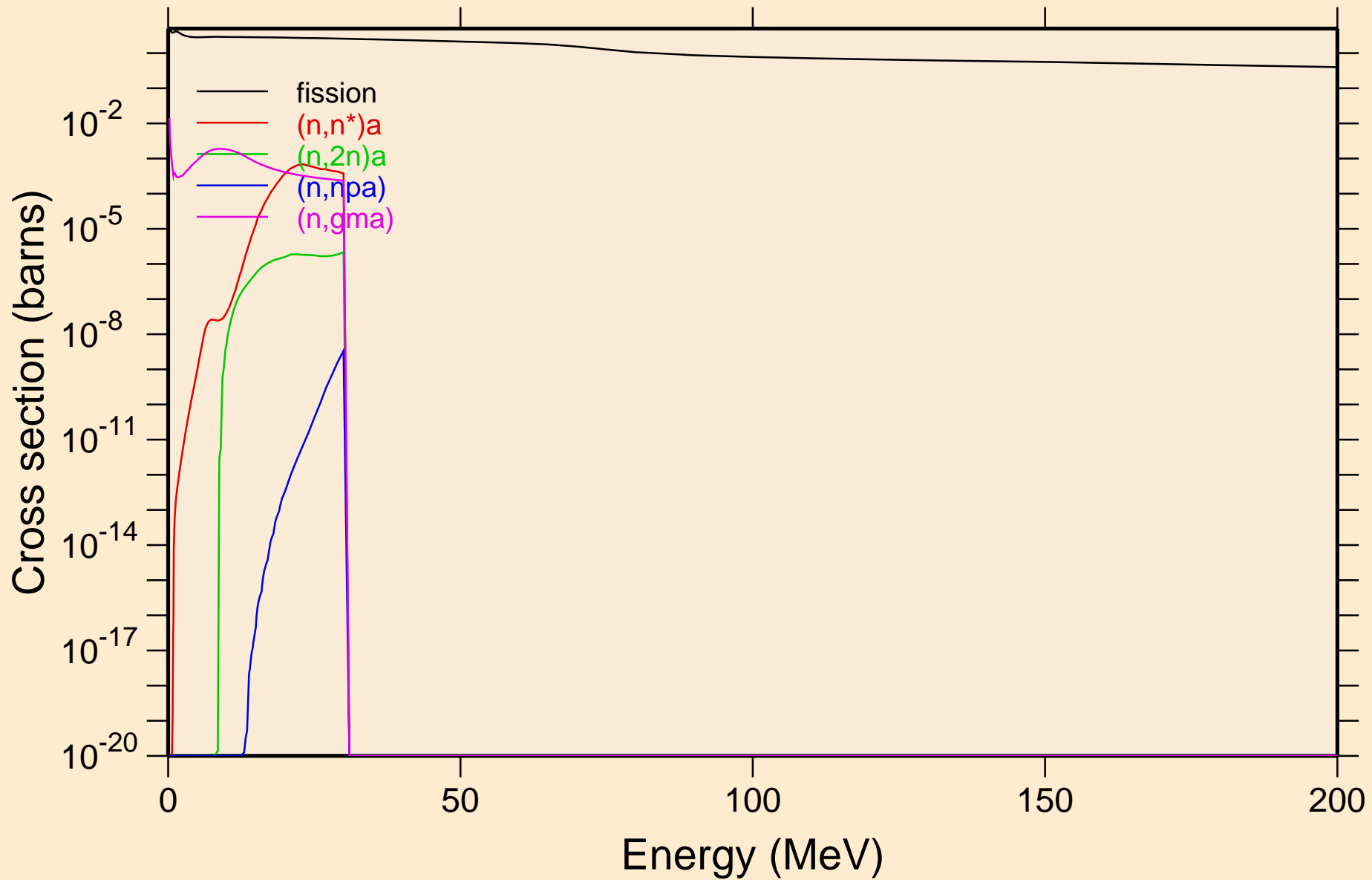


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



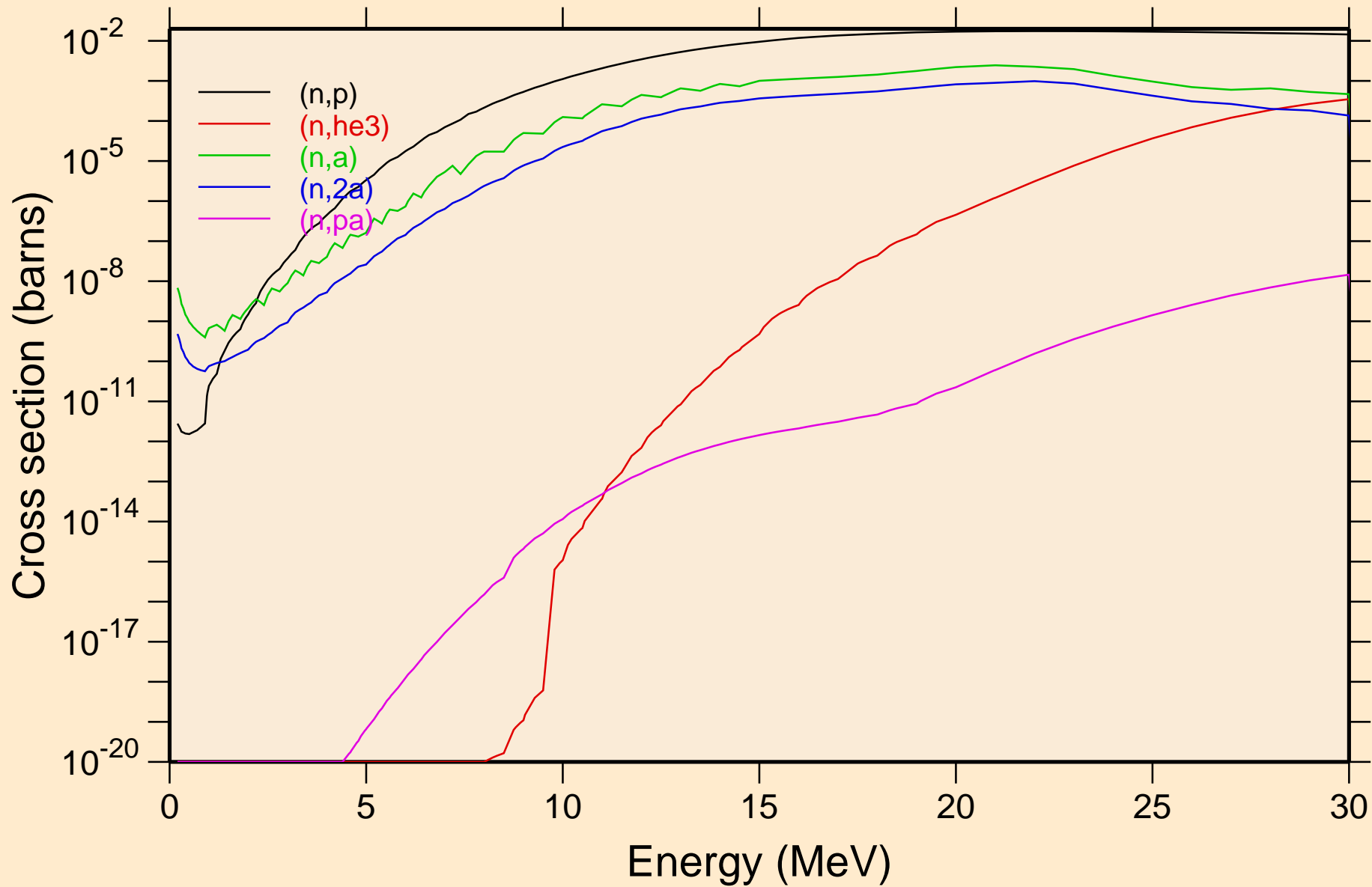
# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

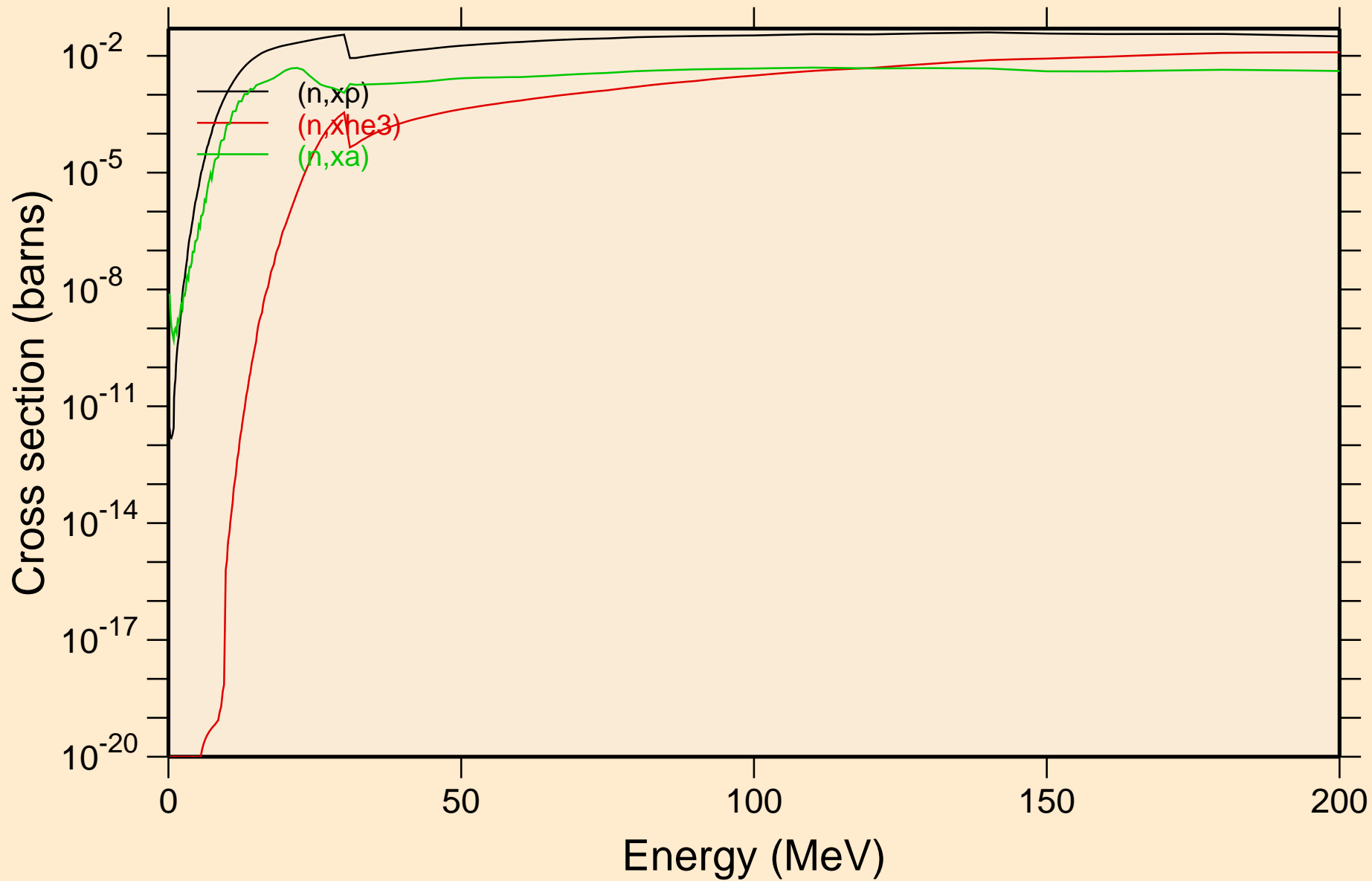


# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

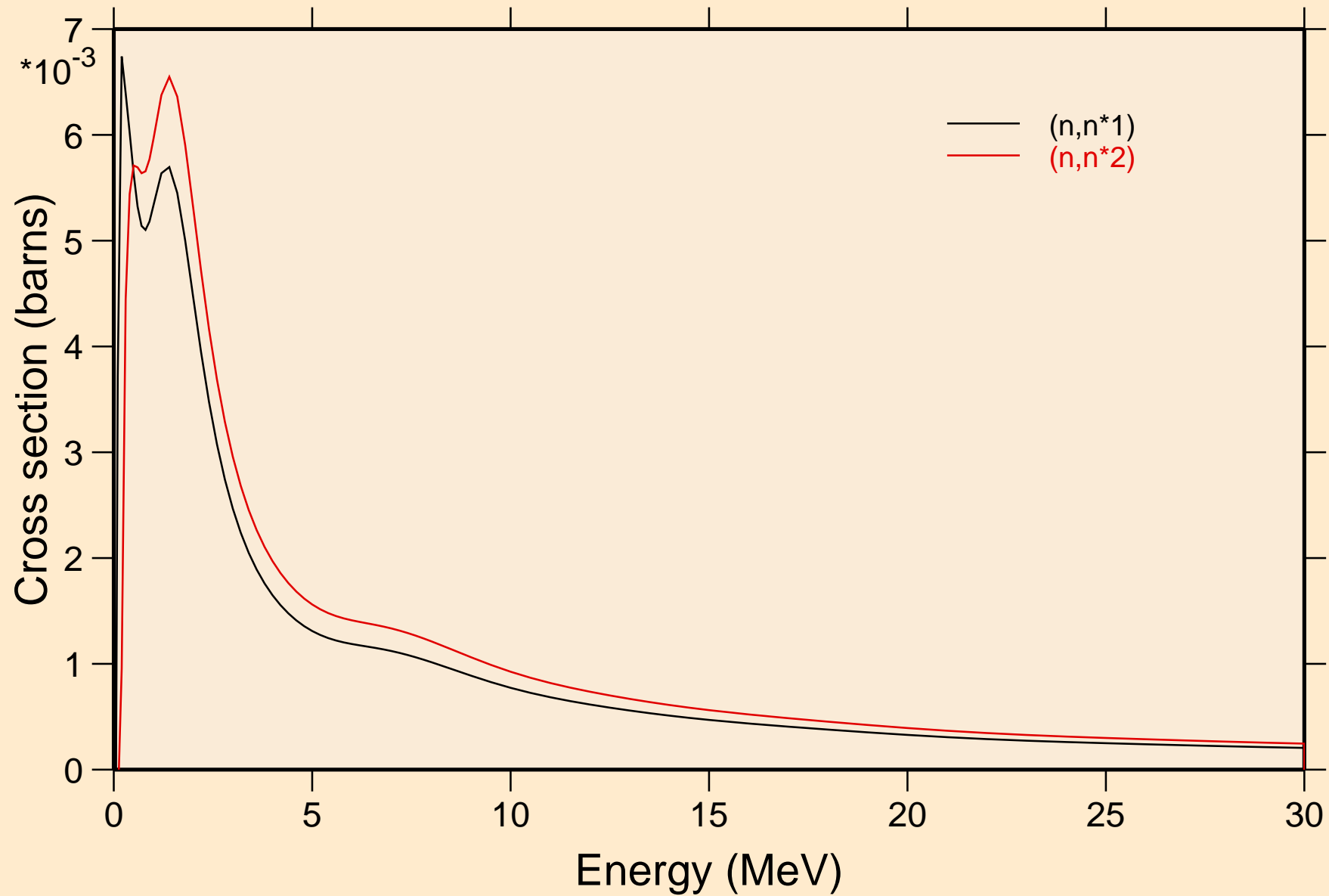
## Non-threshold reactions



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

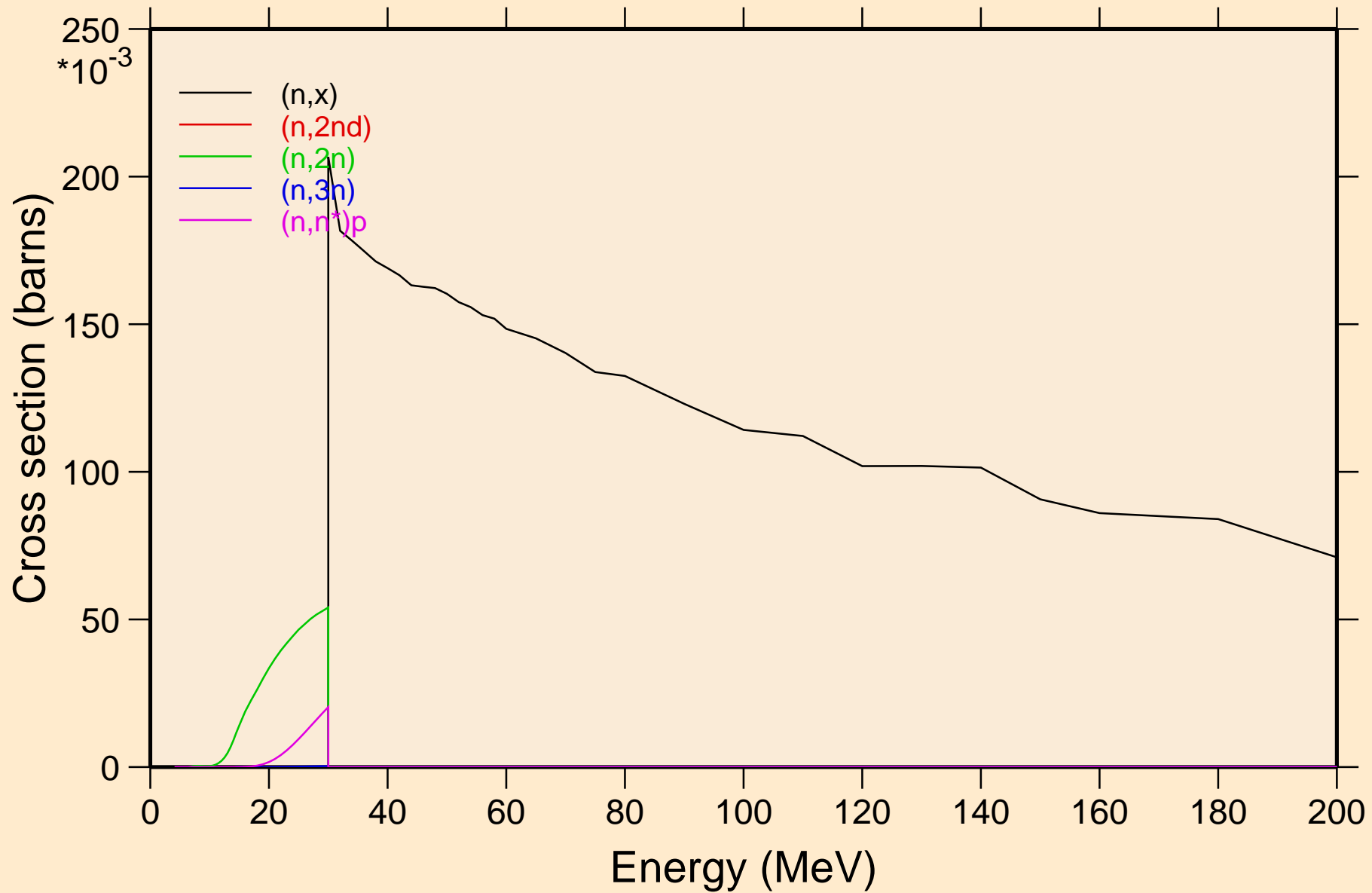


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



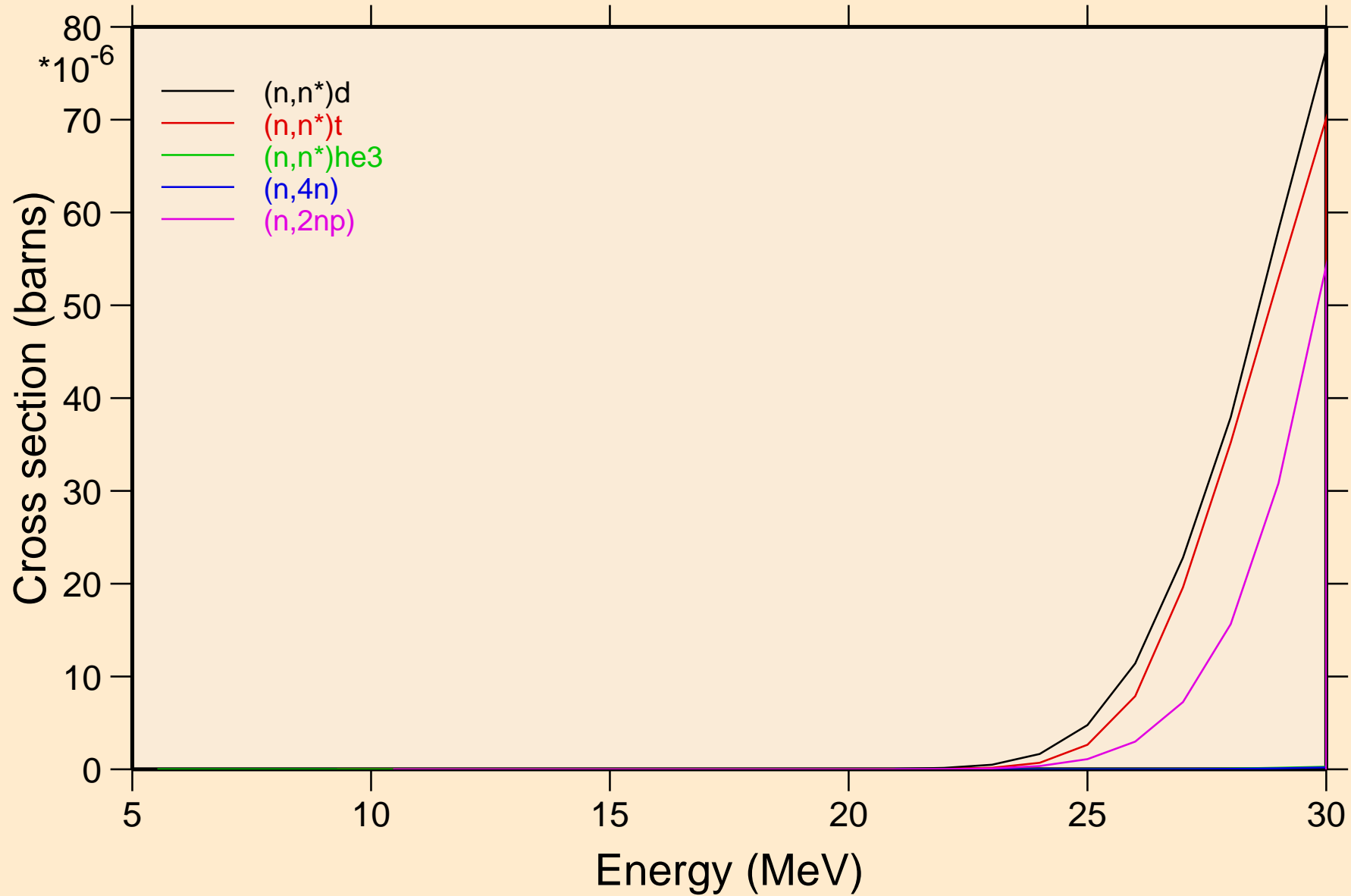
# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



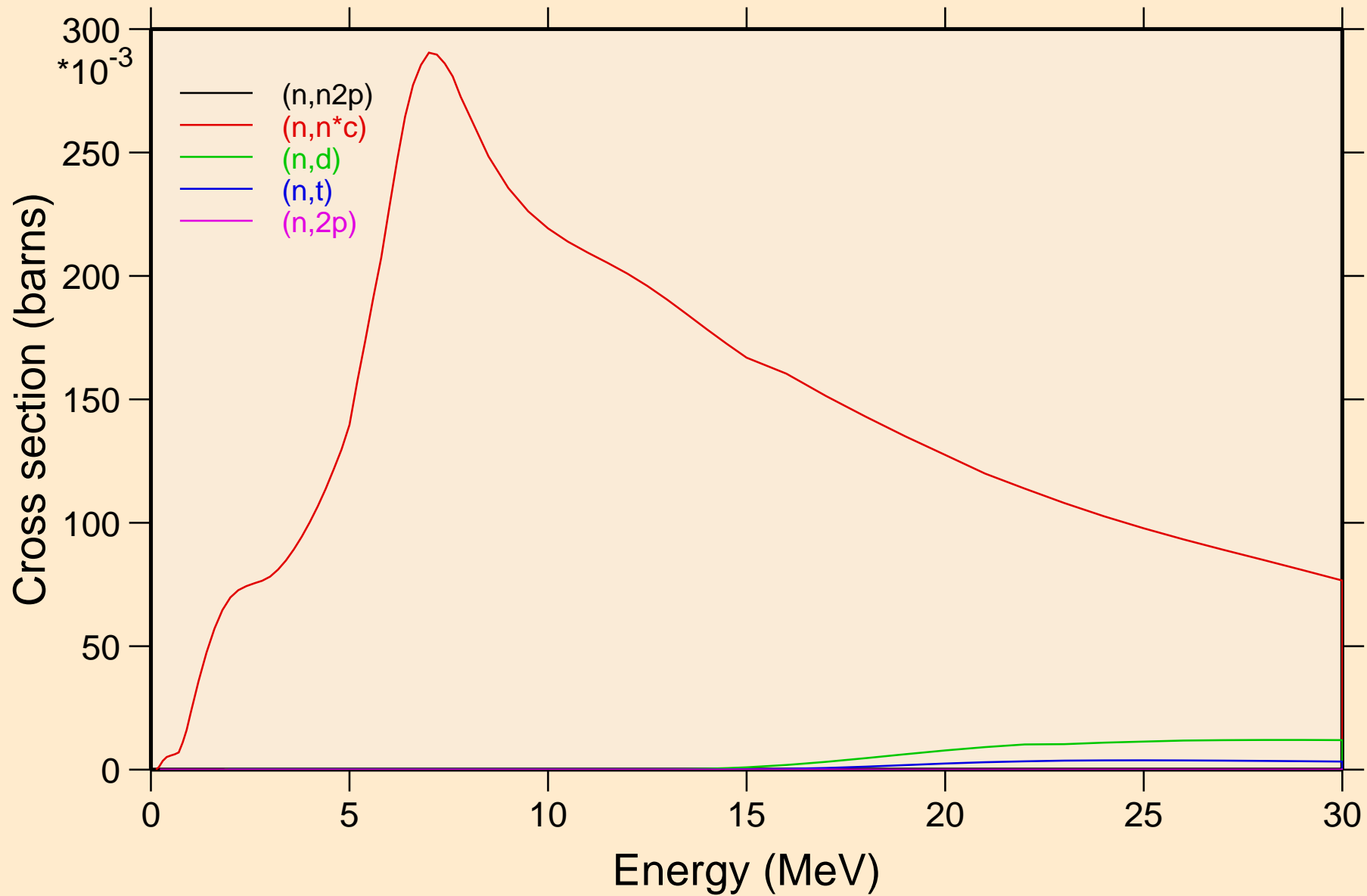
# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



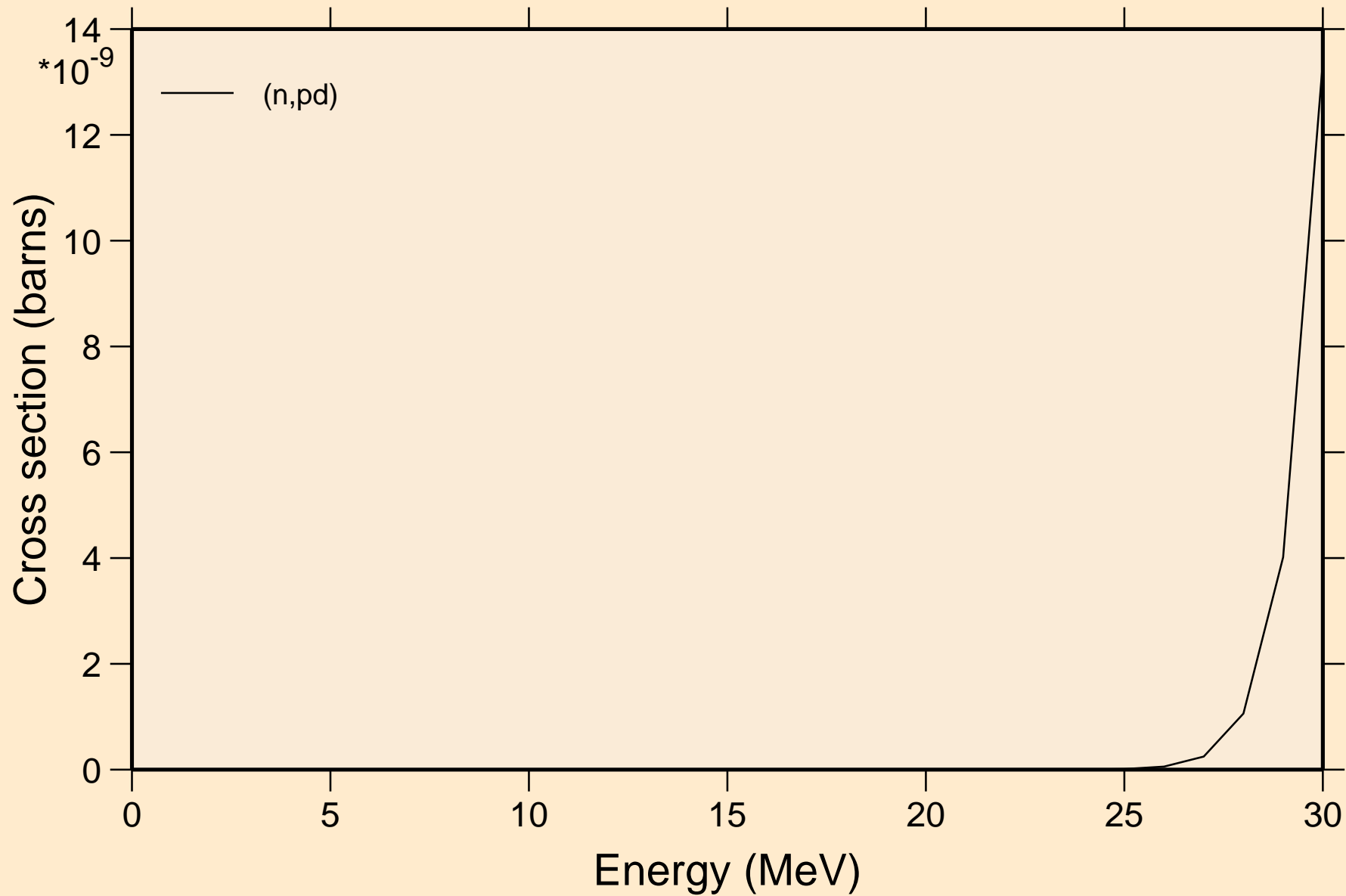
# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



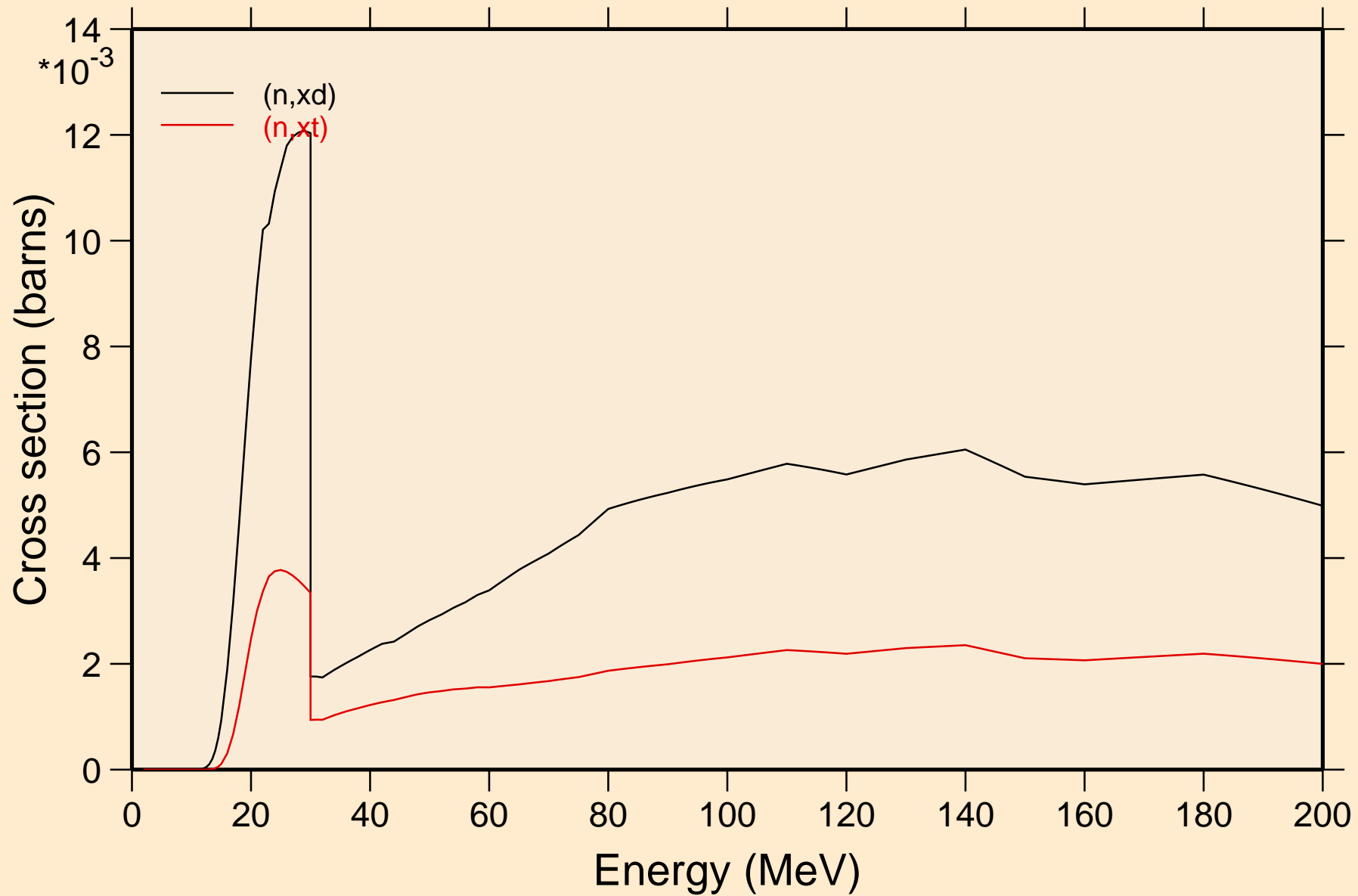


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

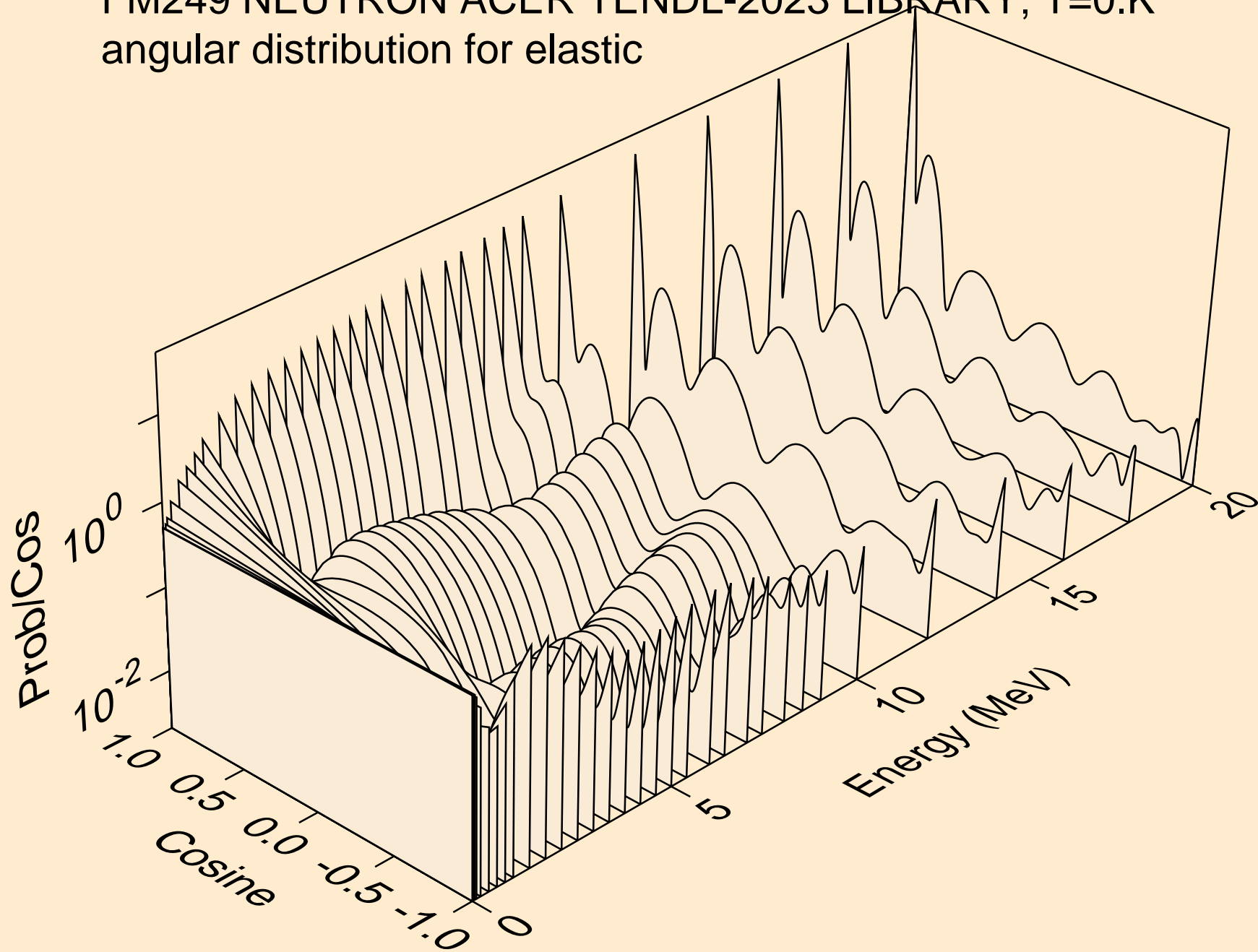


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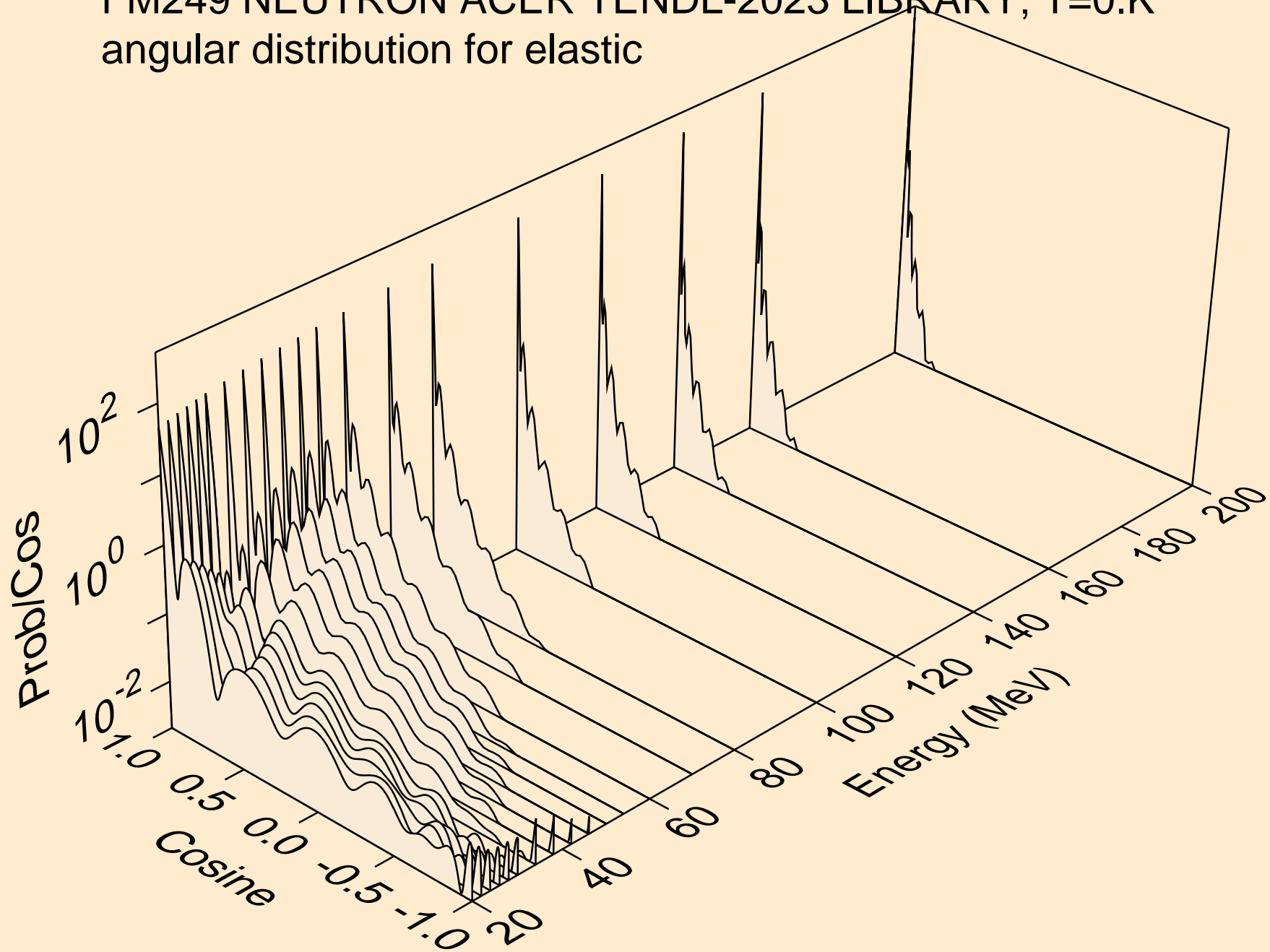
## Threshold reactions



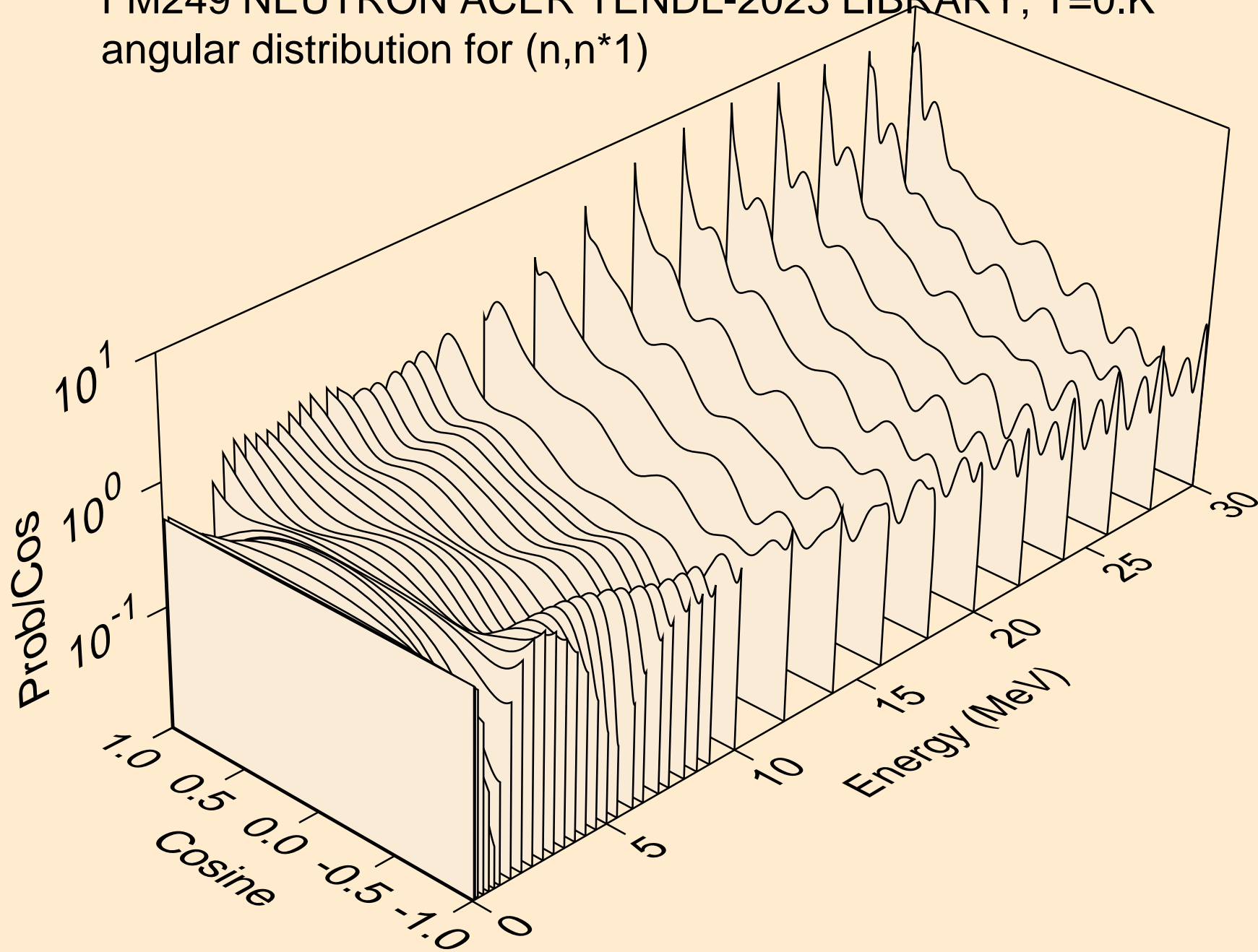
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



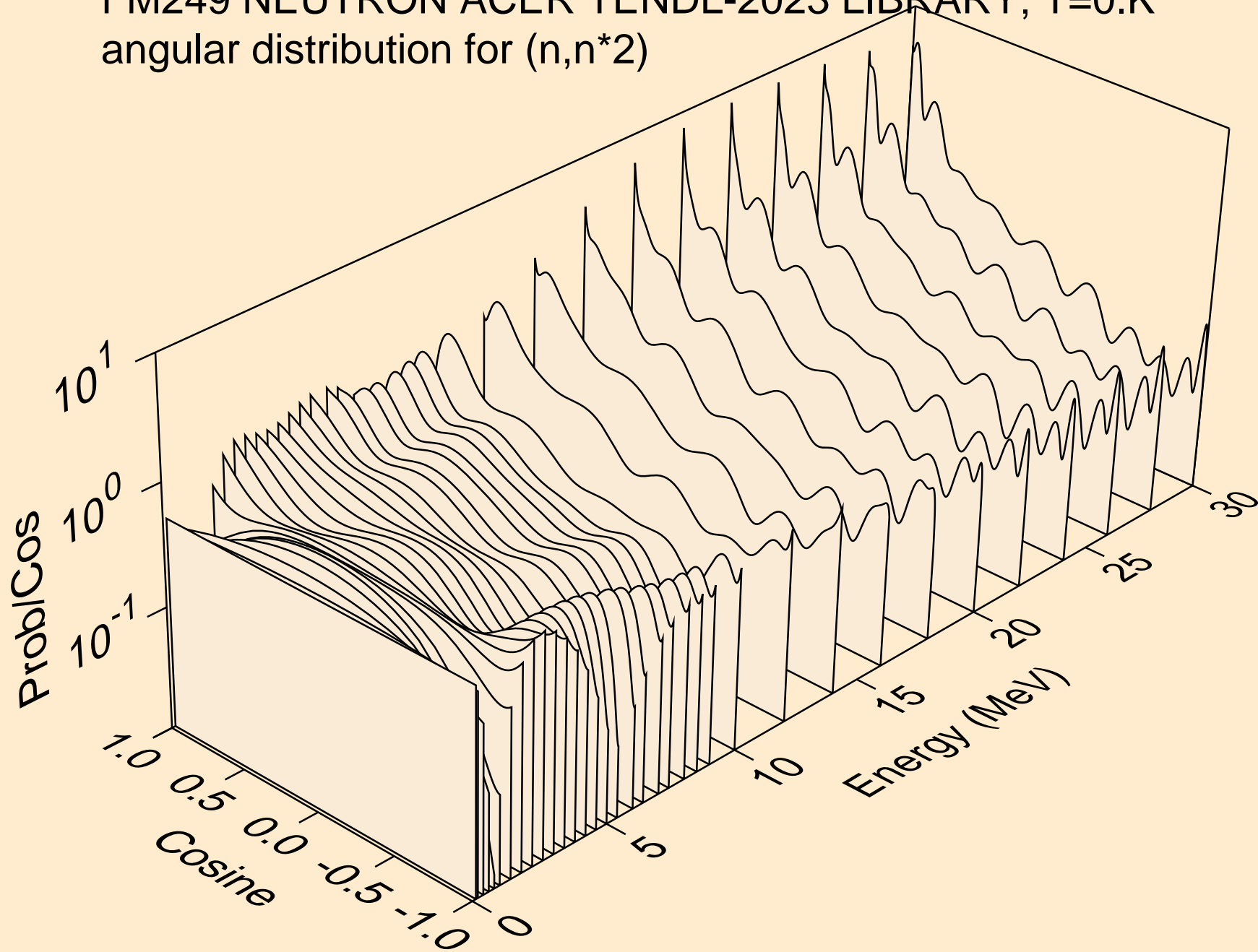
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



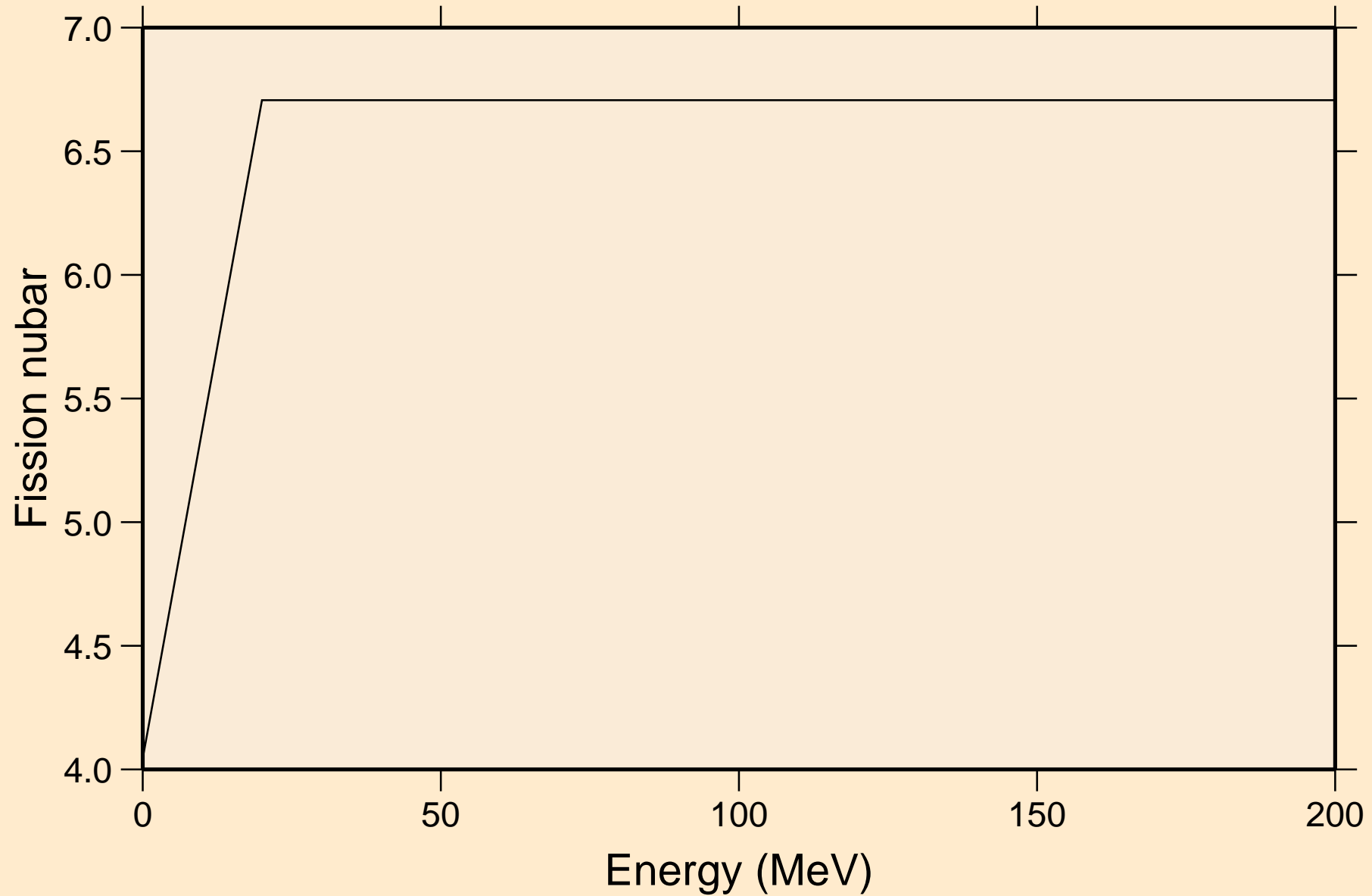
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angular distribution for (n,n\*1)



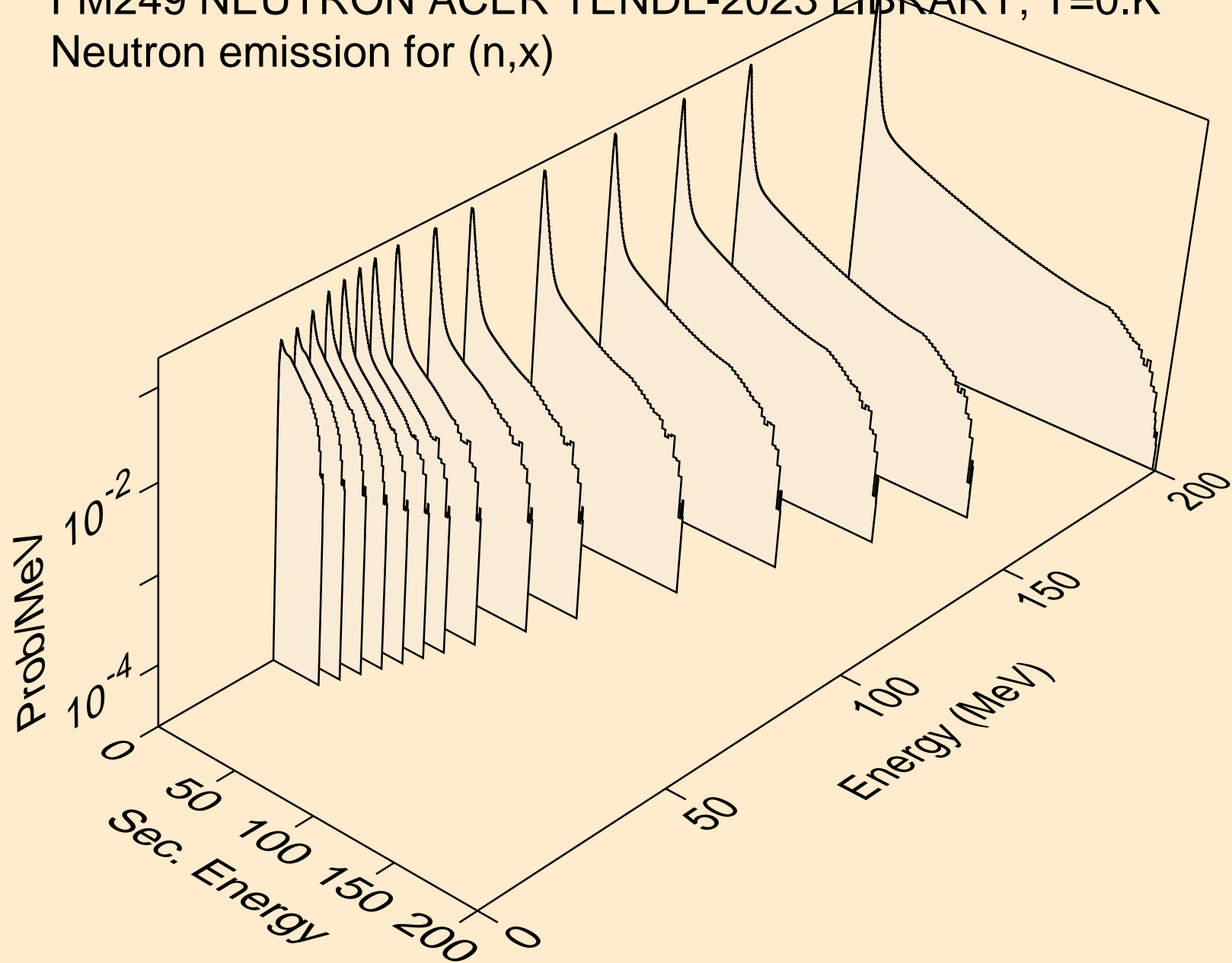
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Total fission nubar

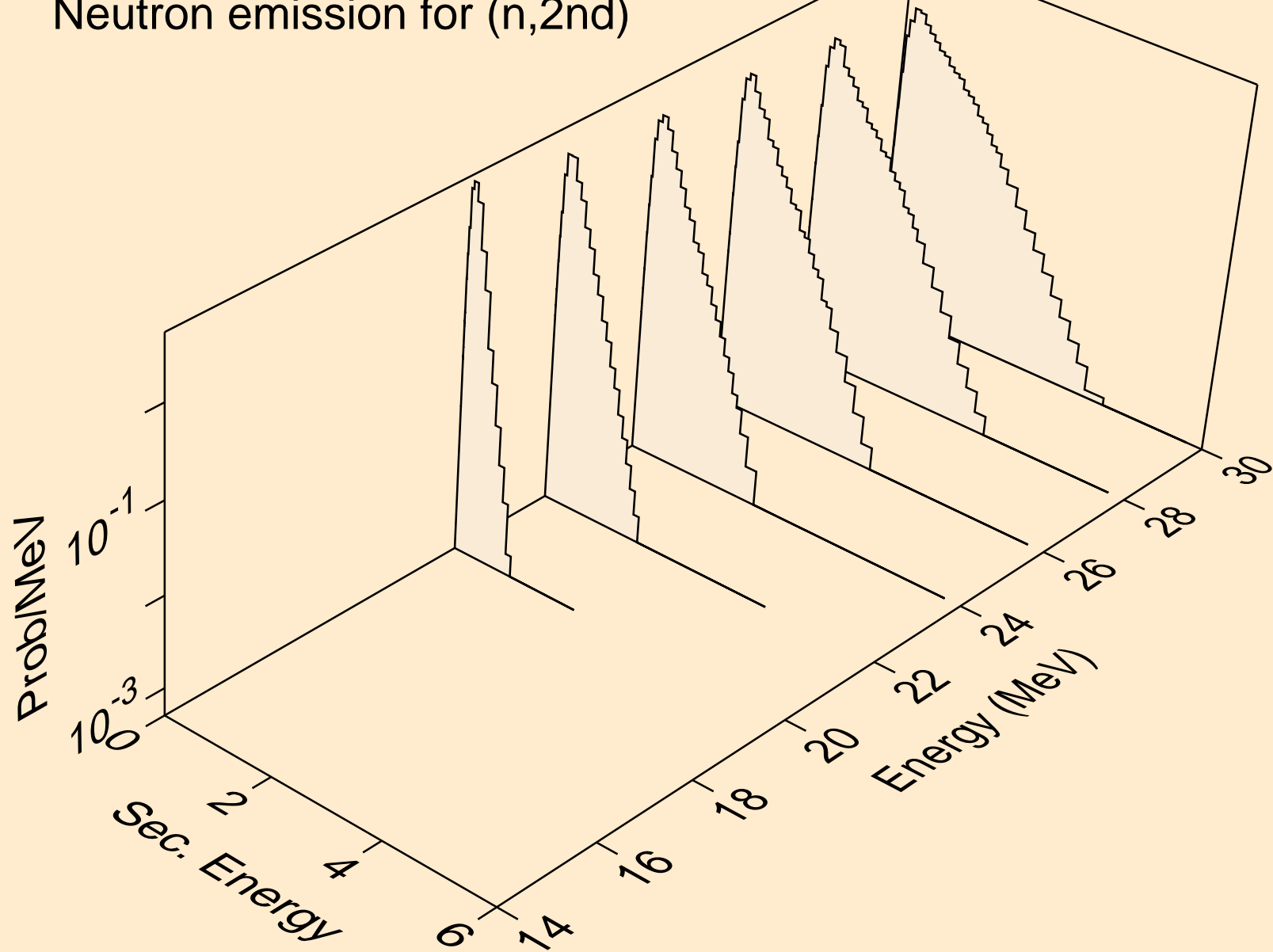


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

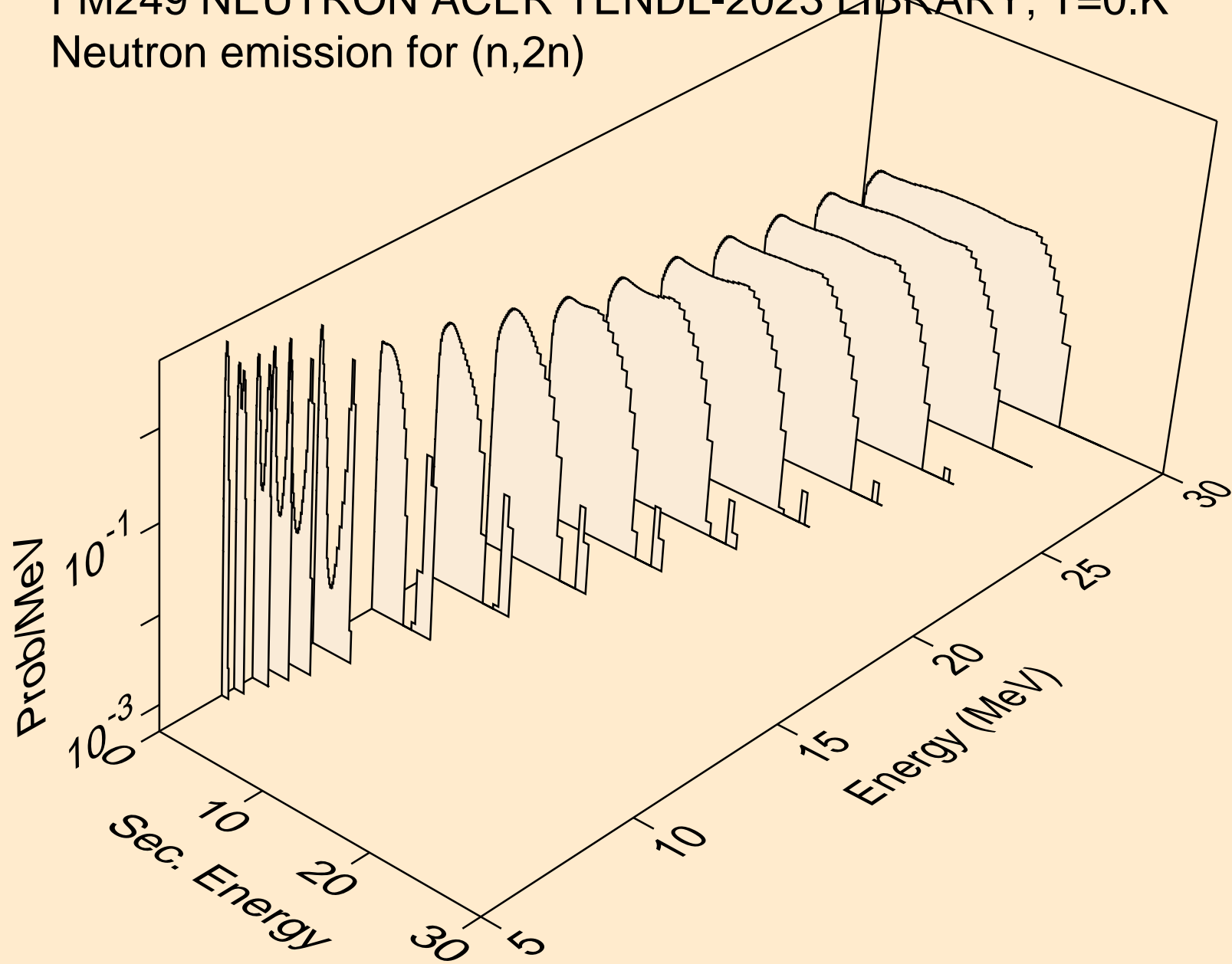




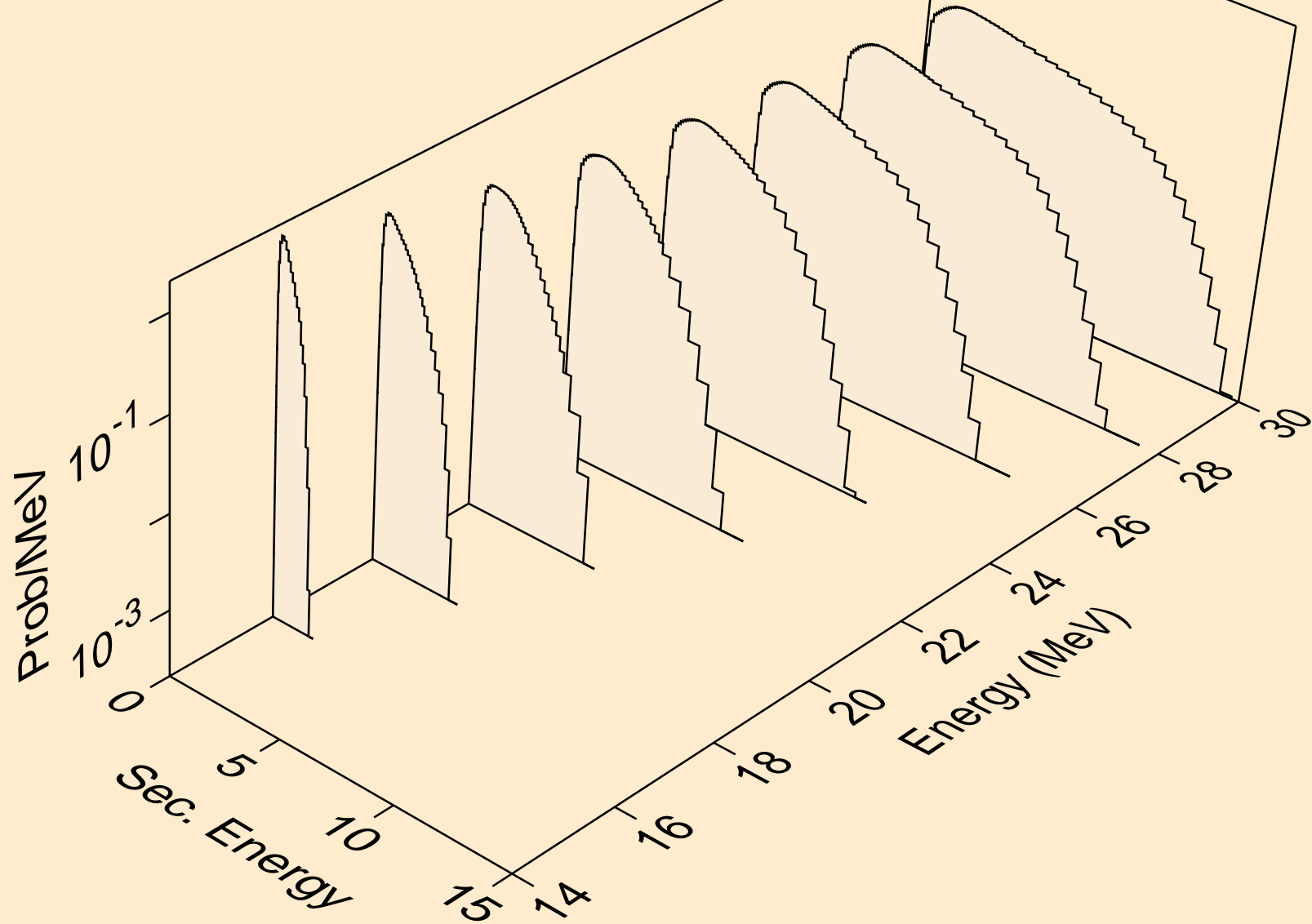
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



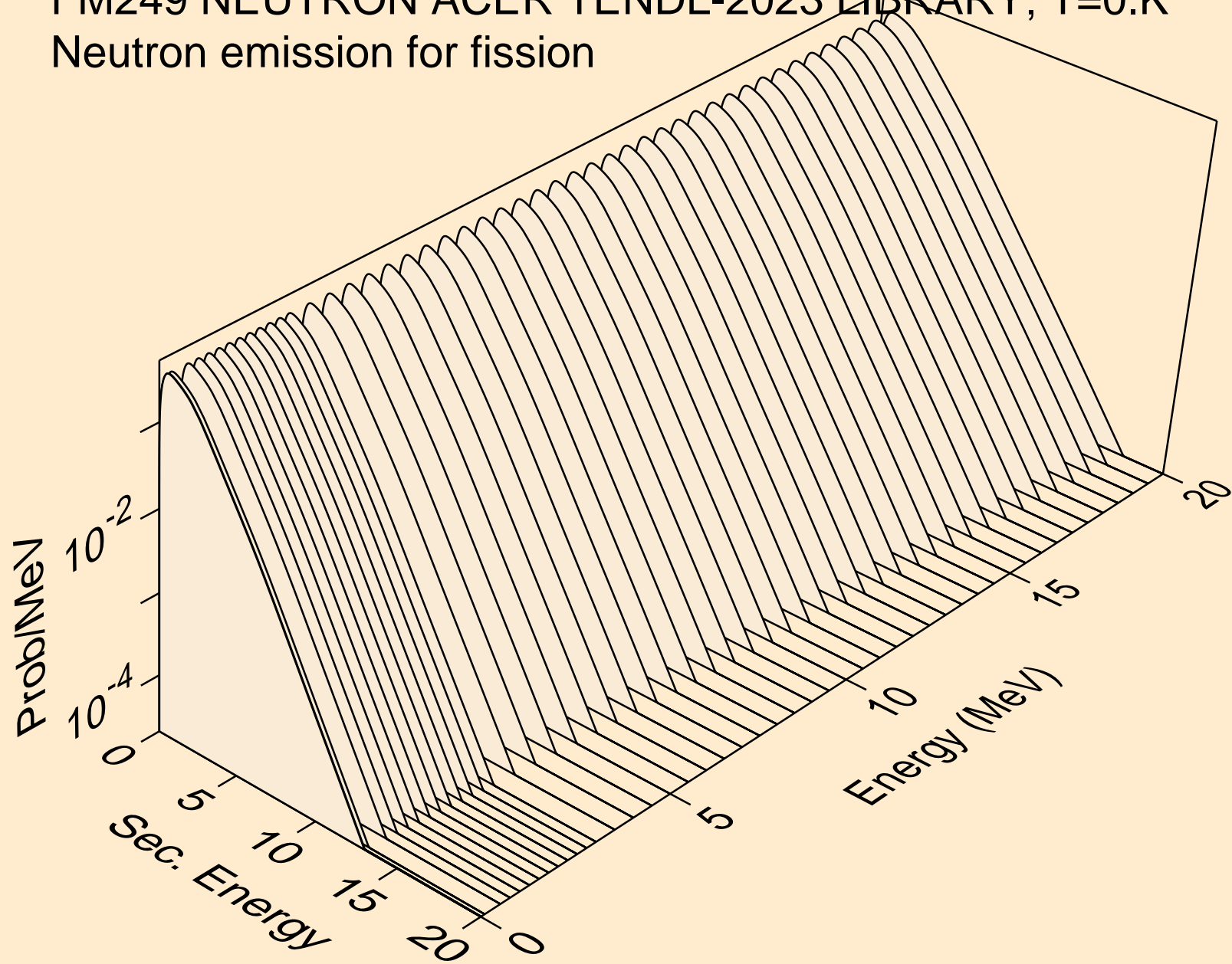
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



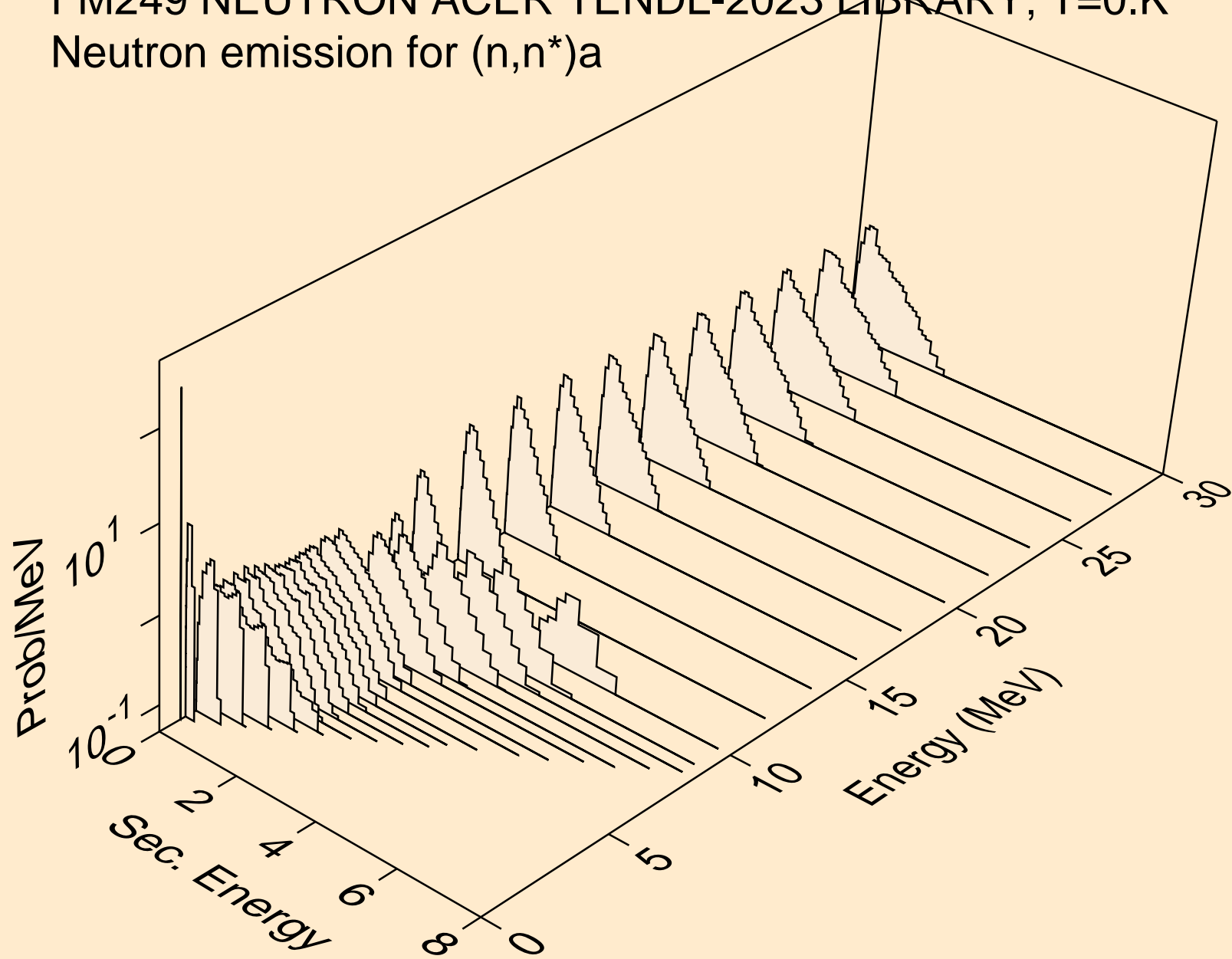
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



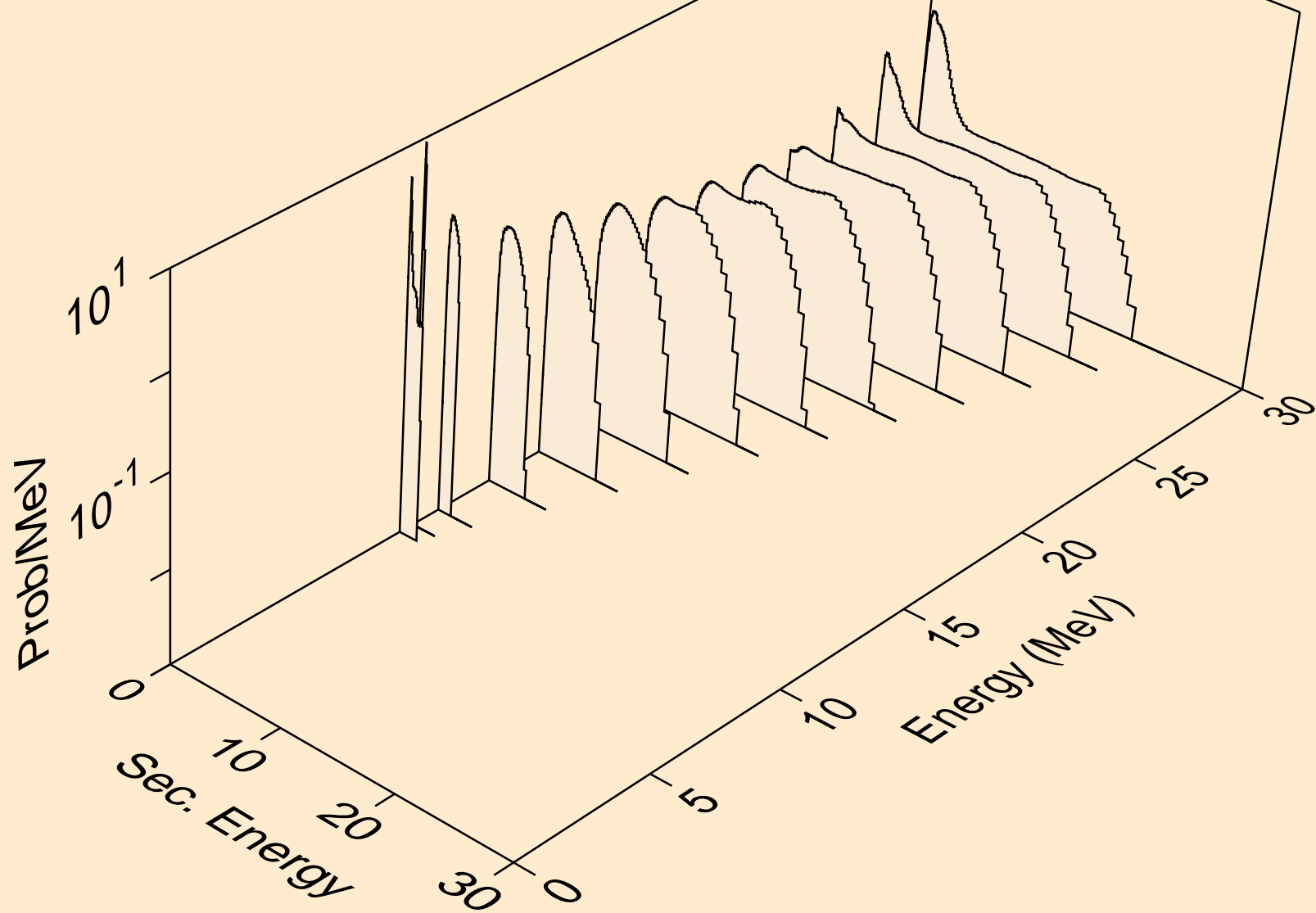
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



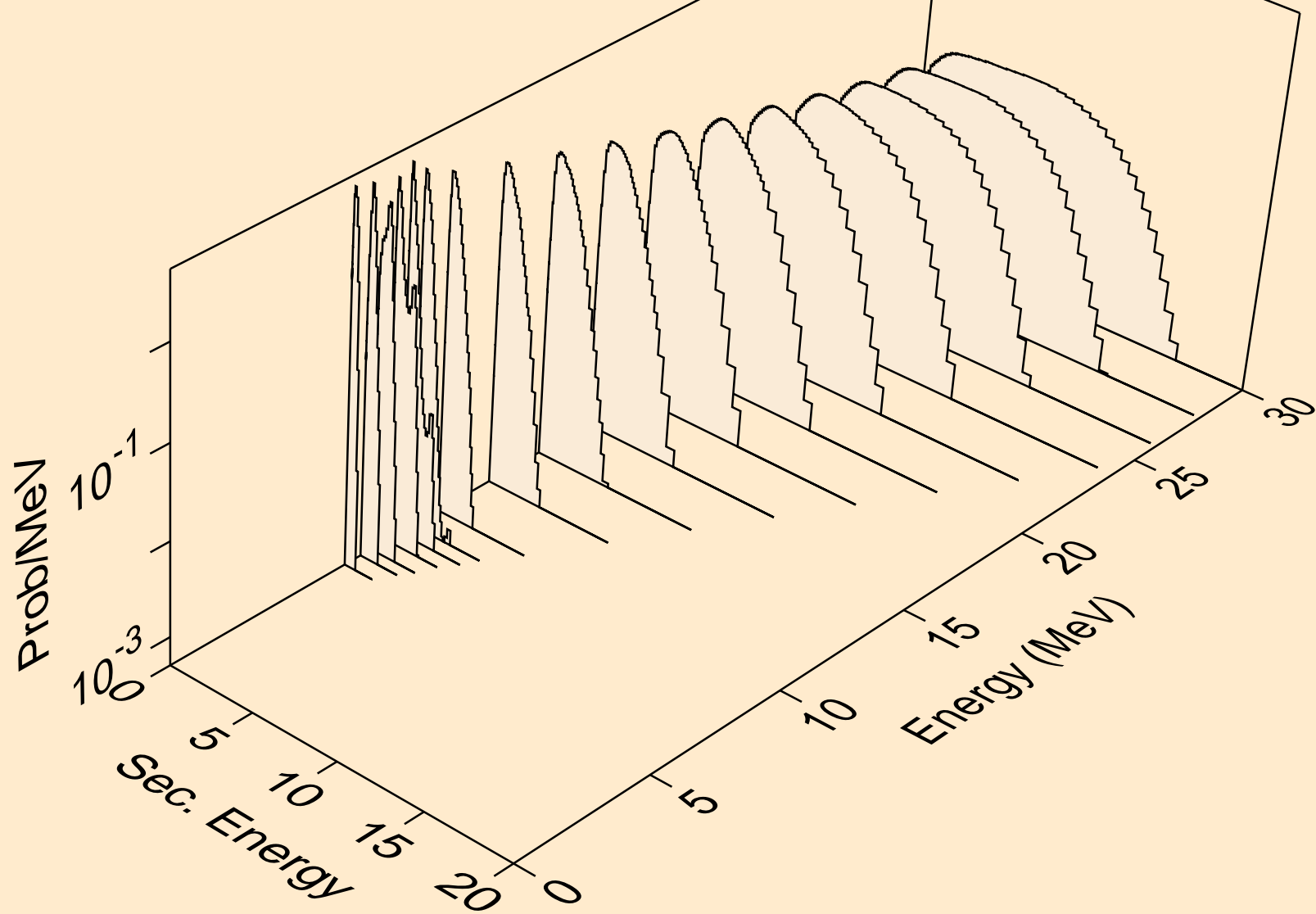
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



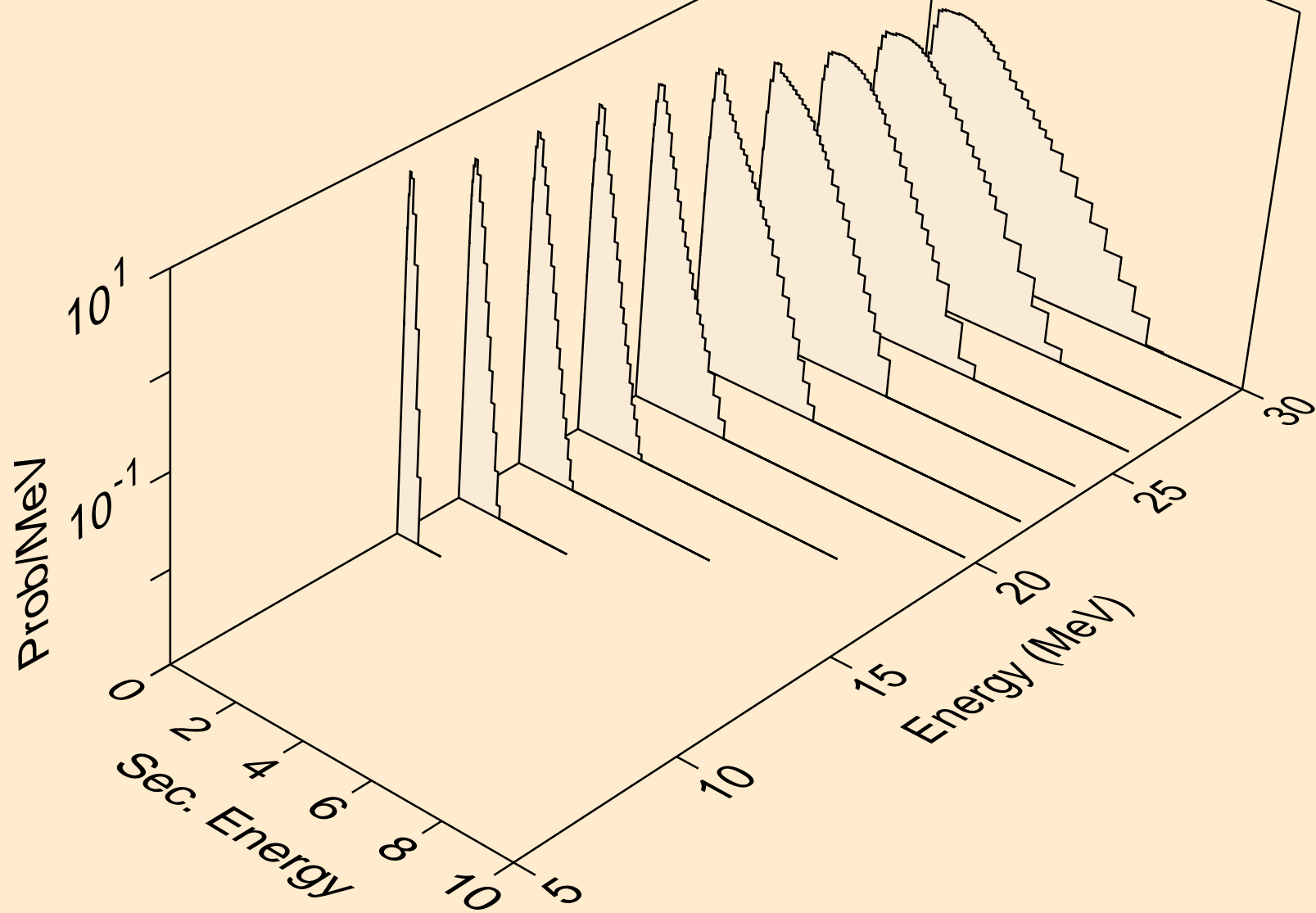
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

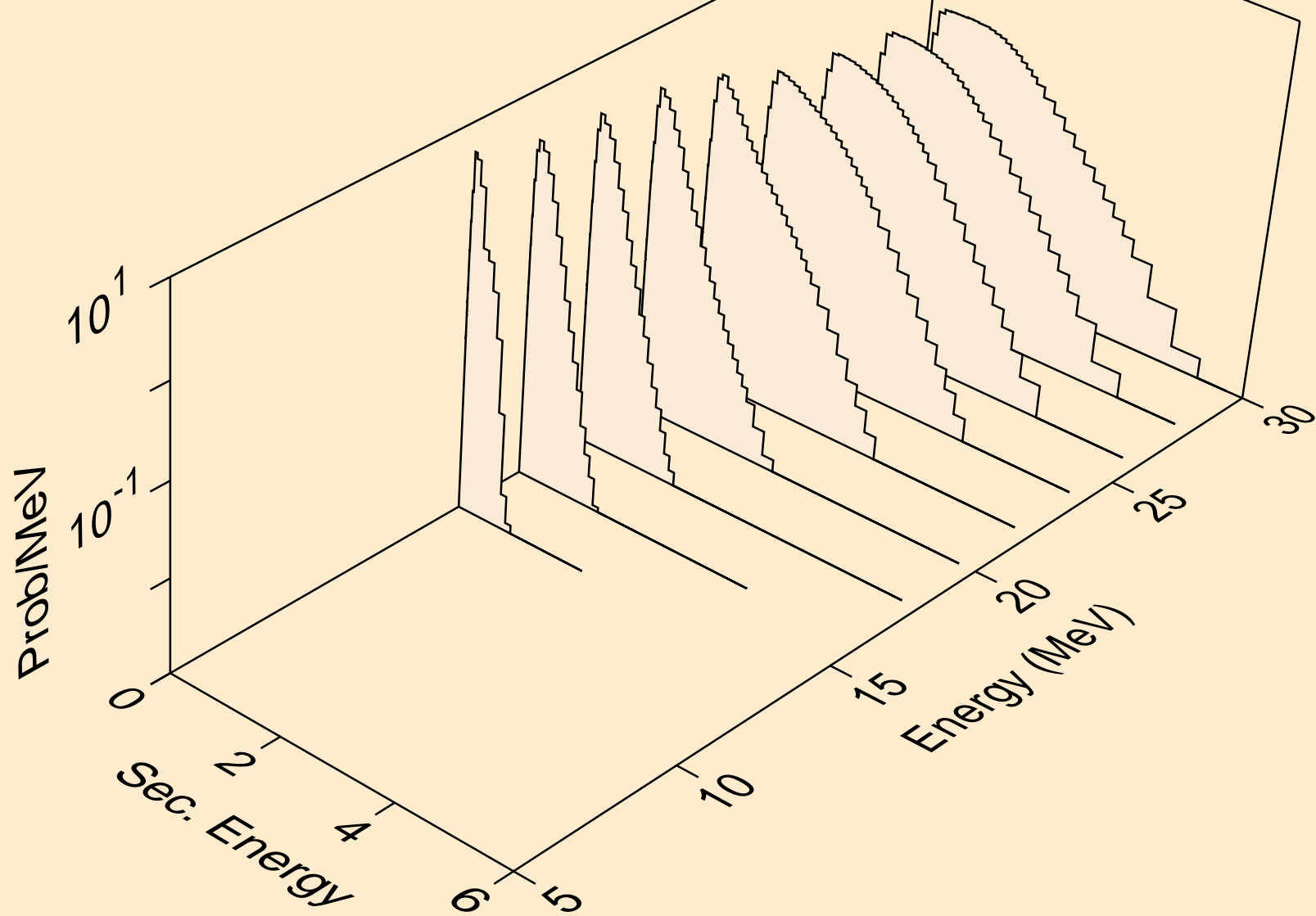


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

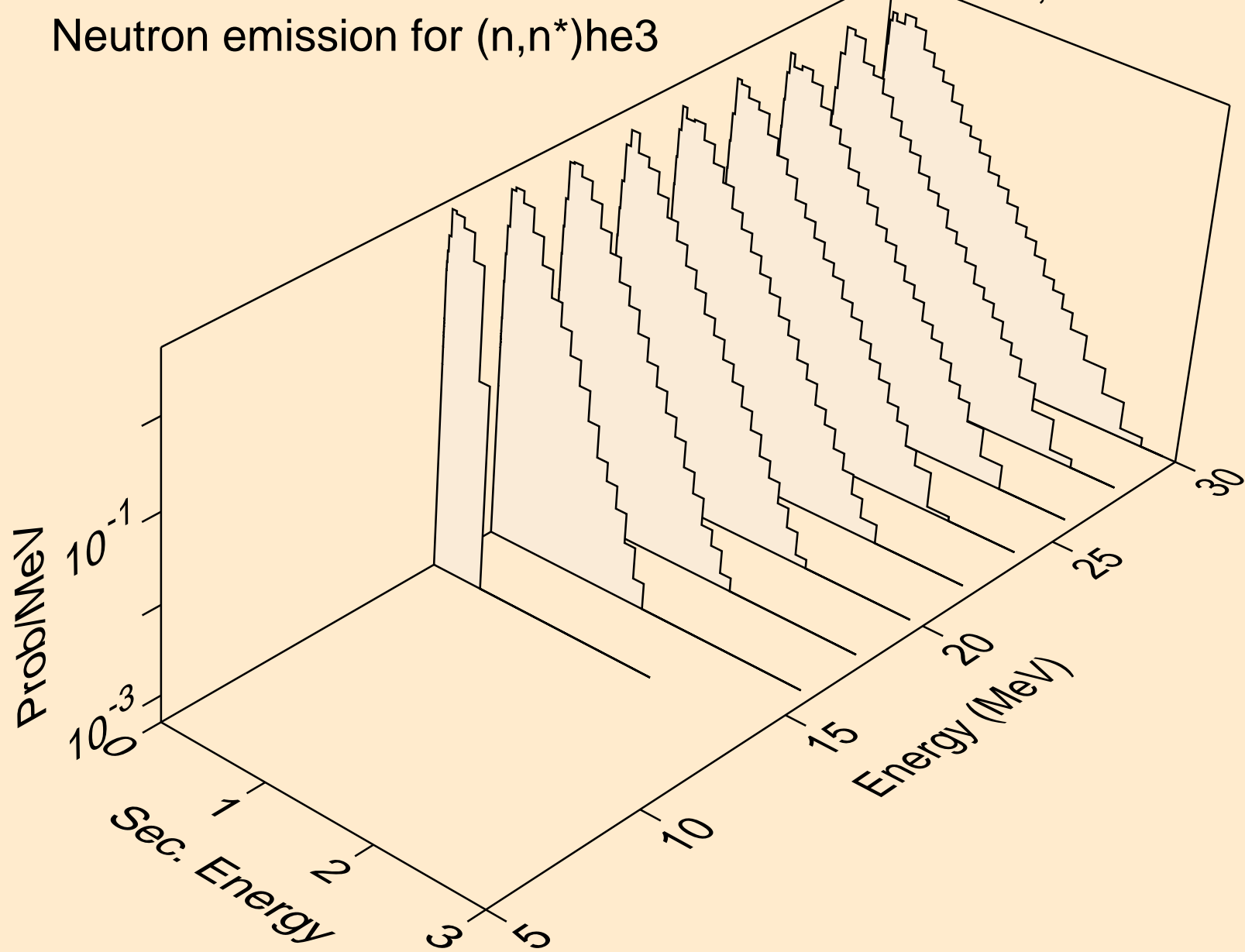




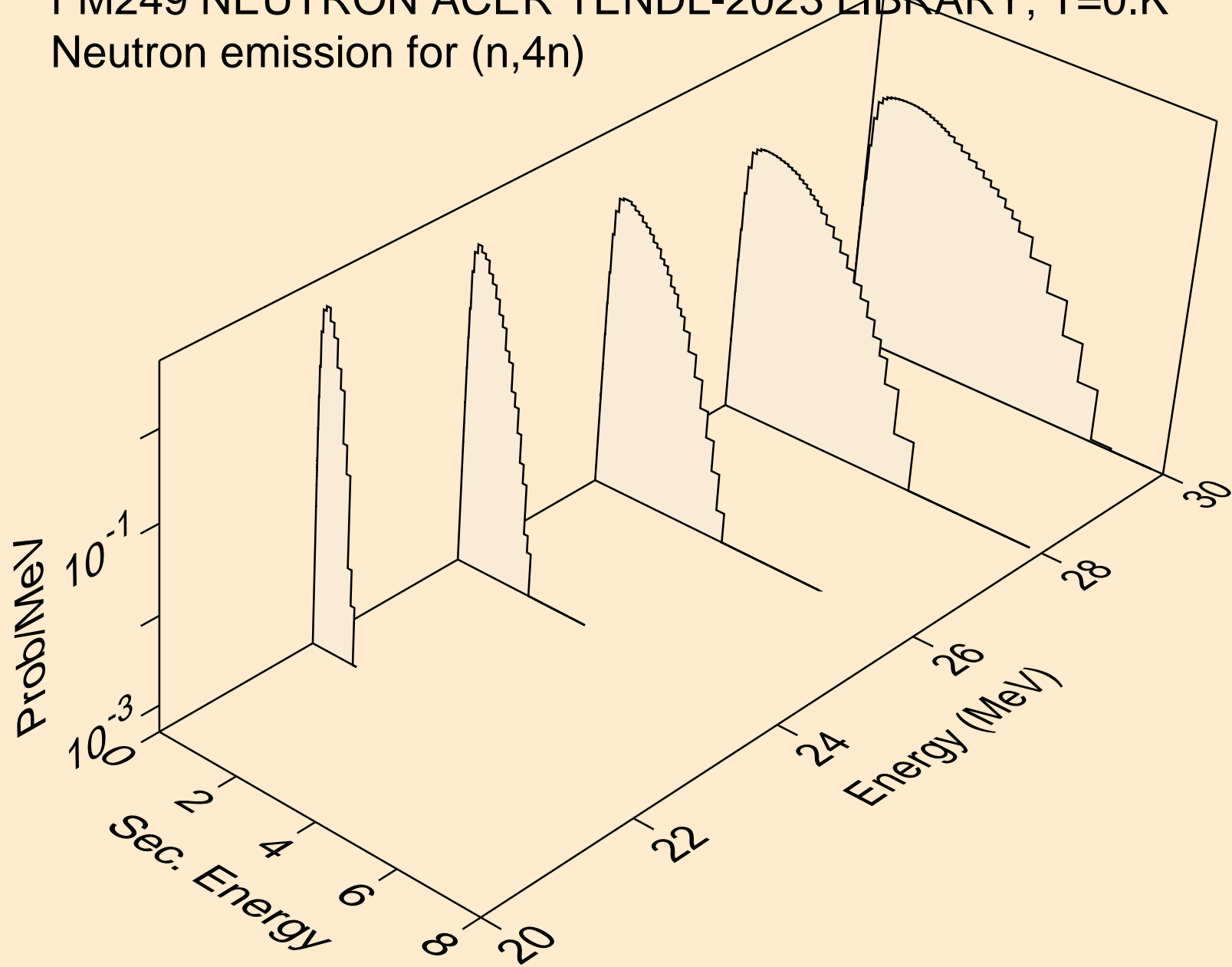
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



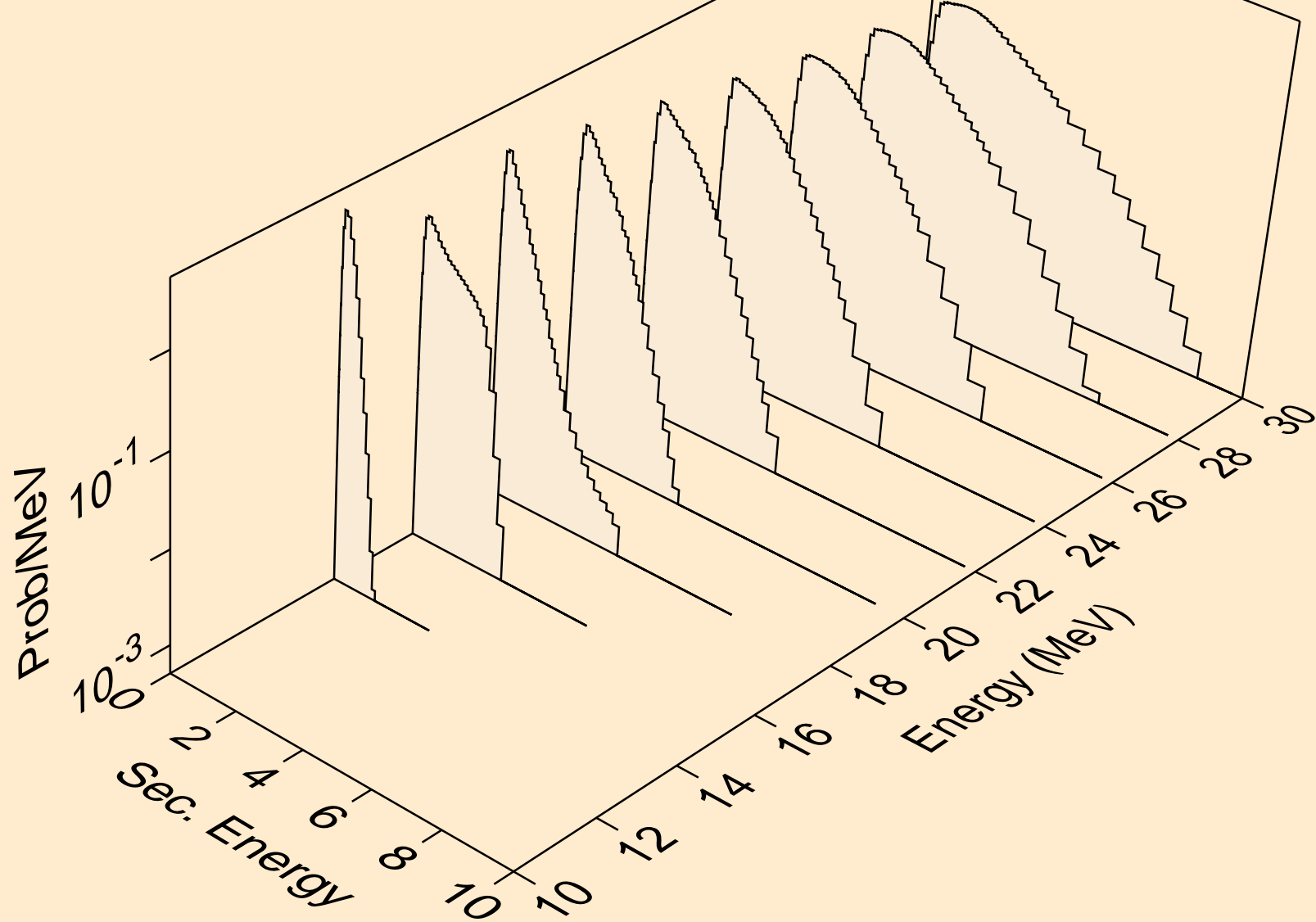
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



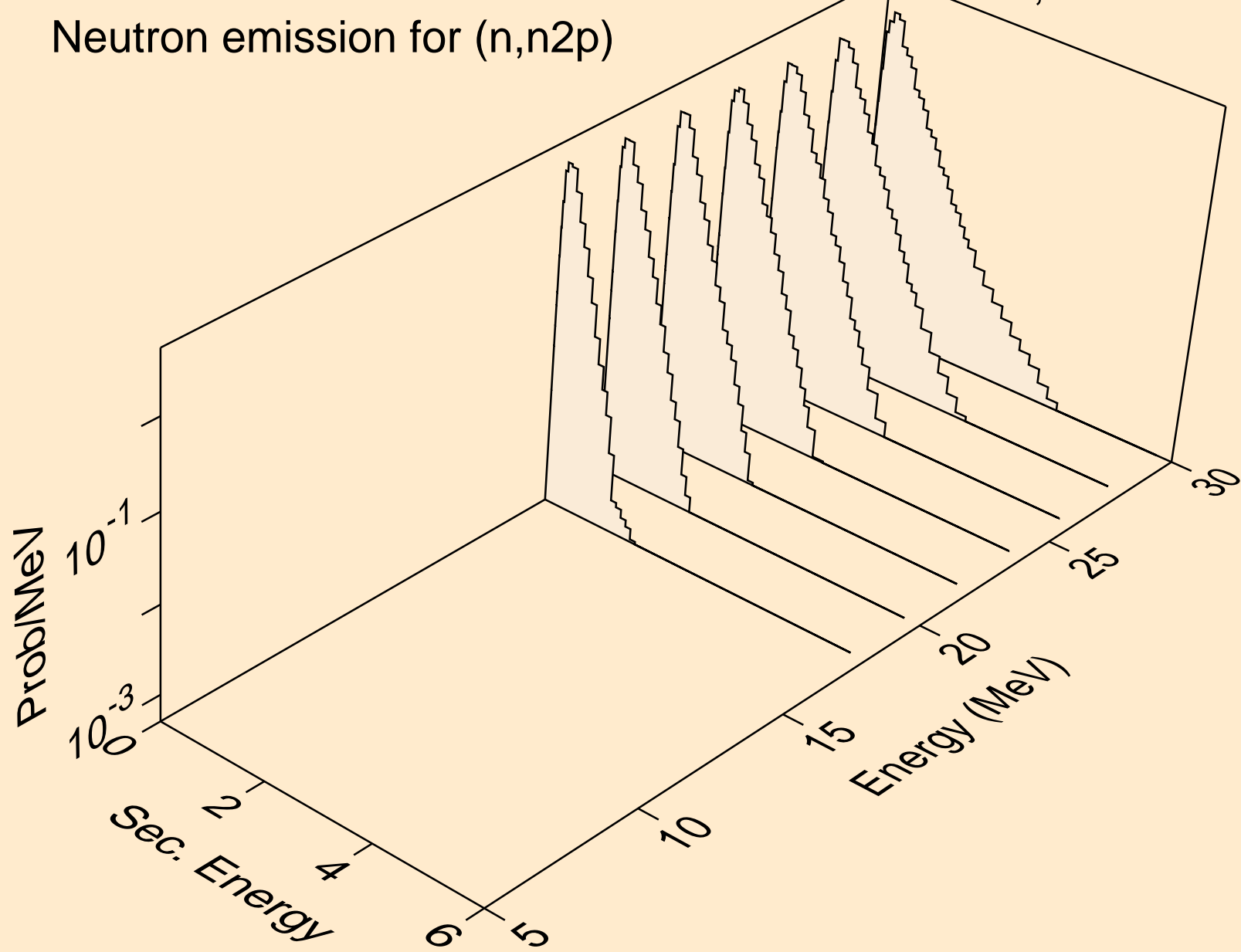
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



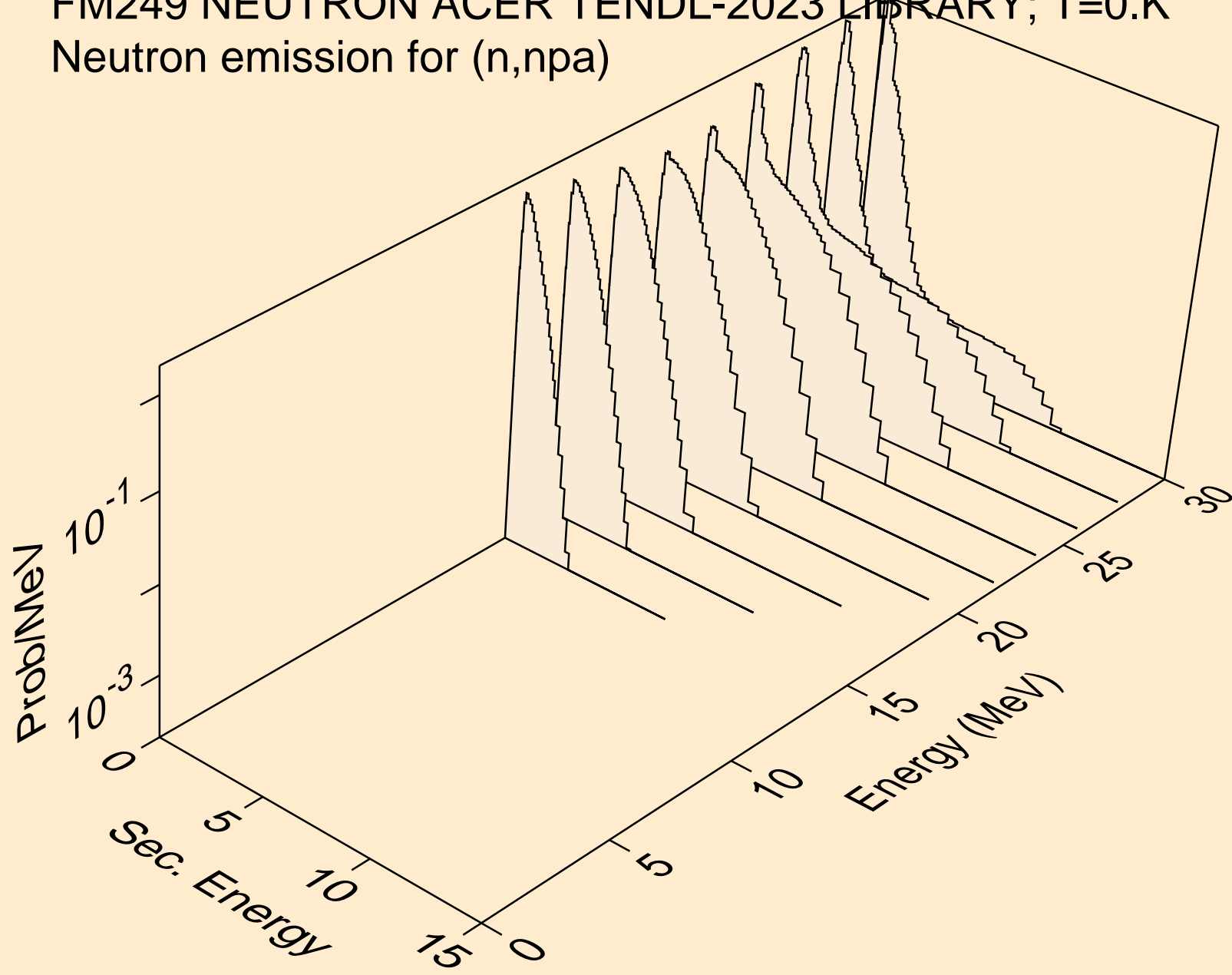
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



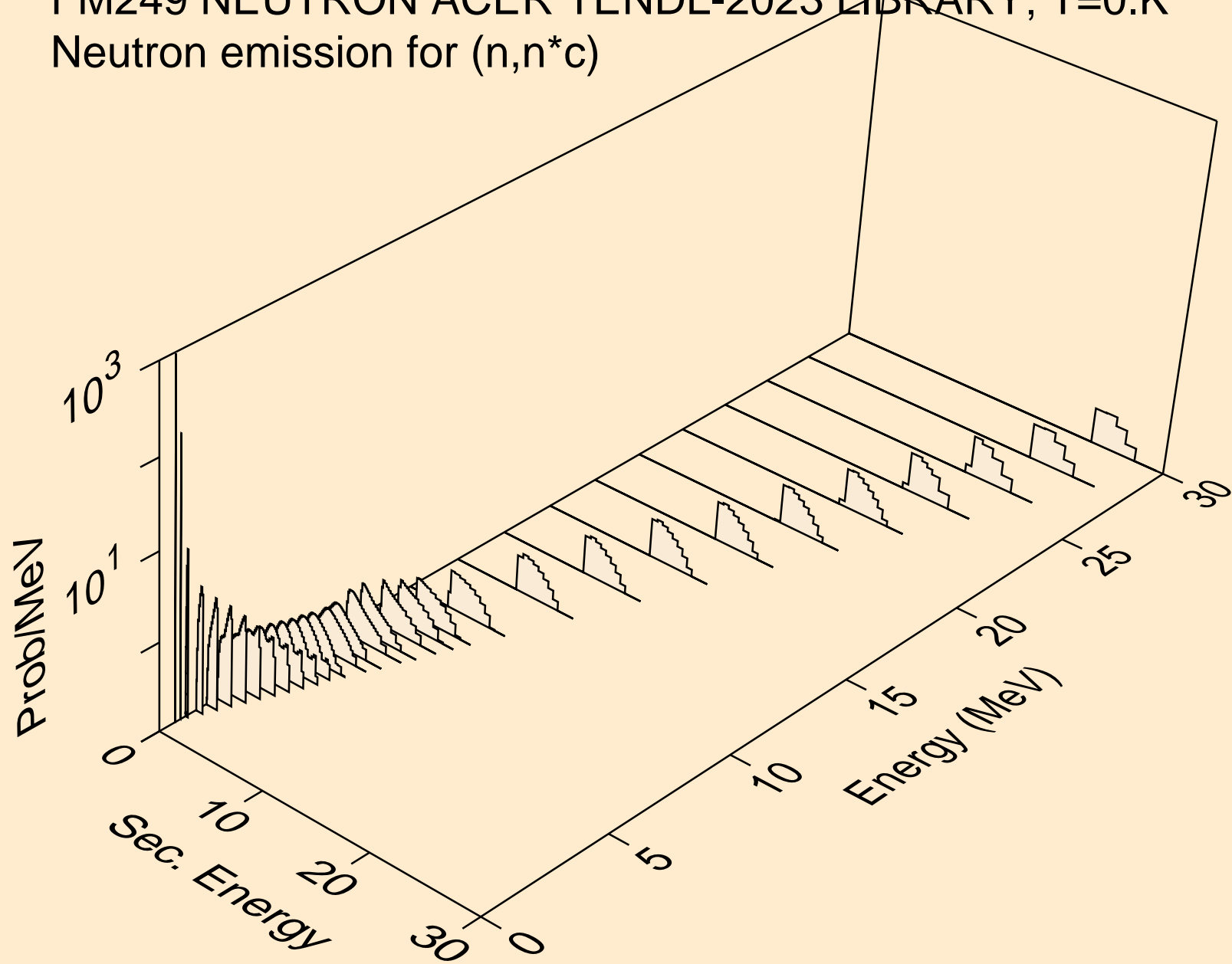
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

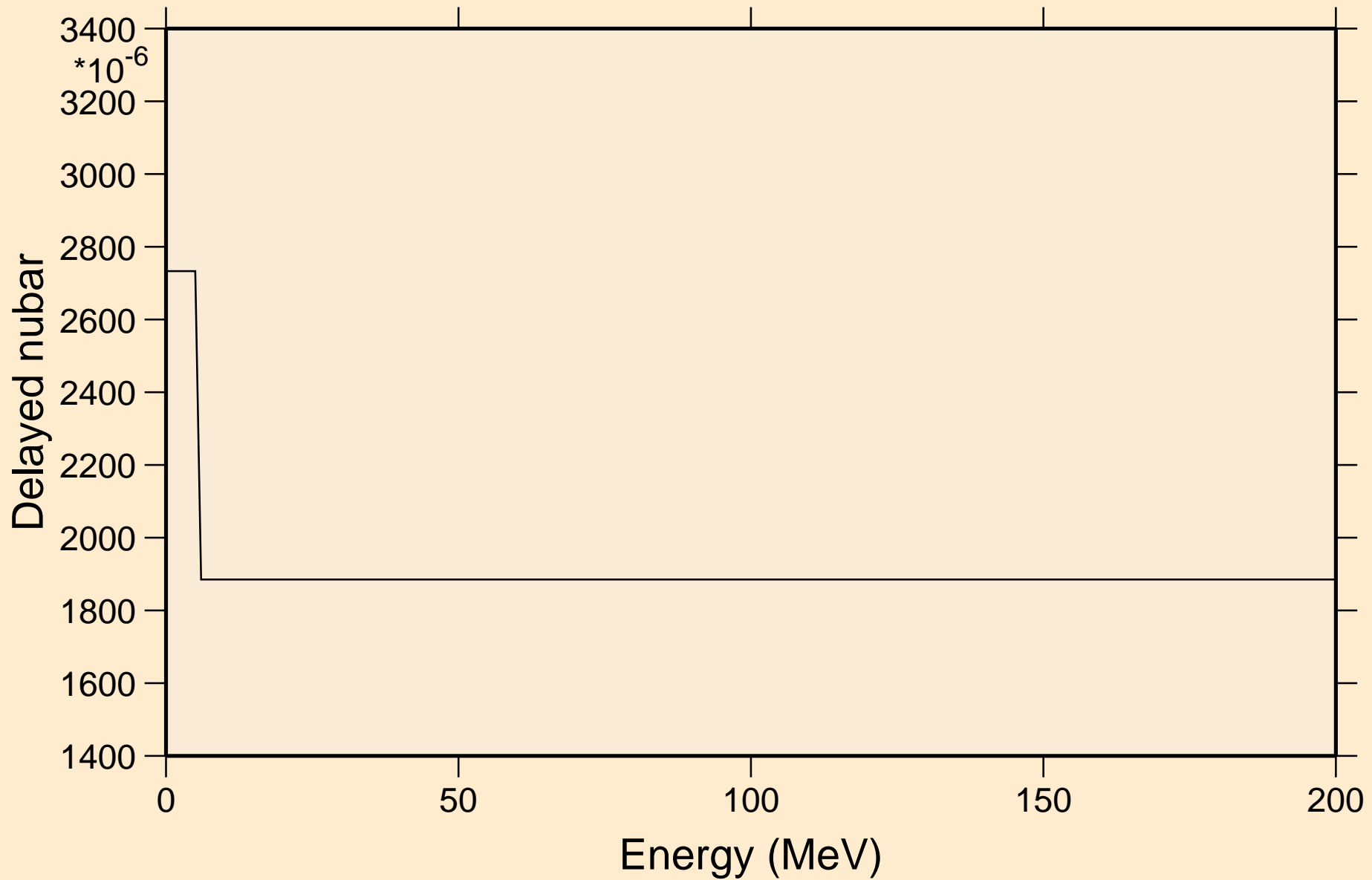


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

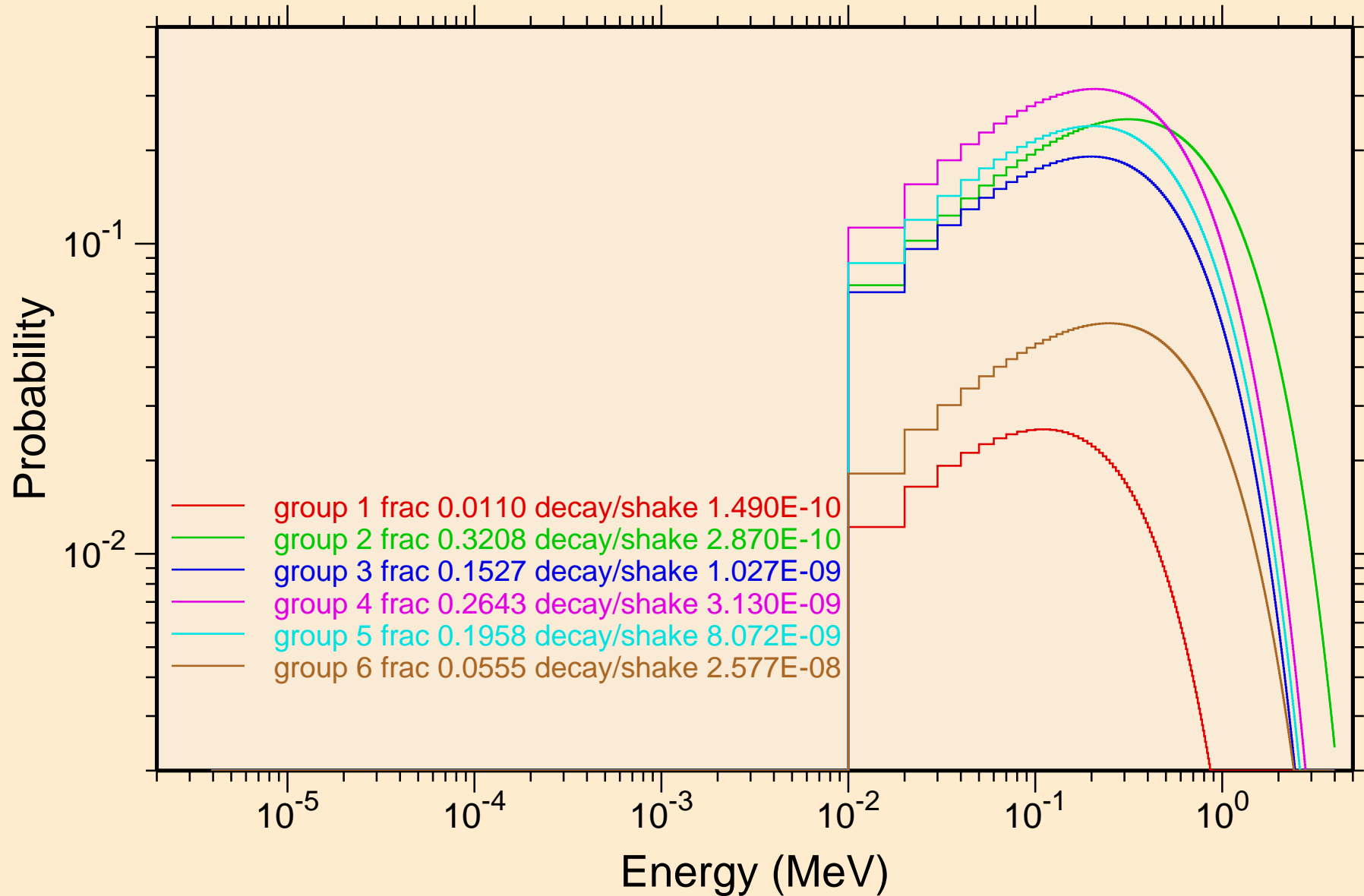
## Delayed nubar



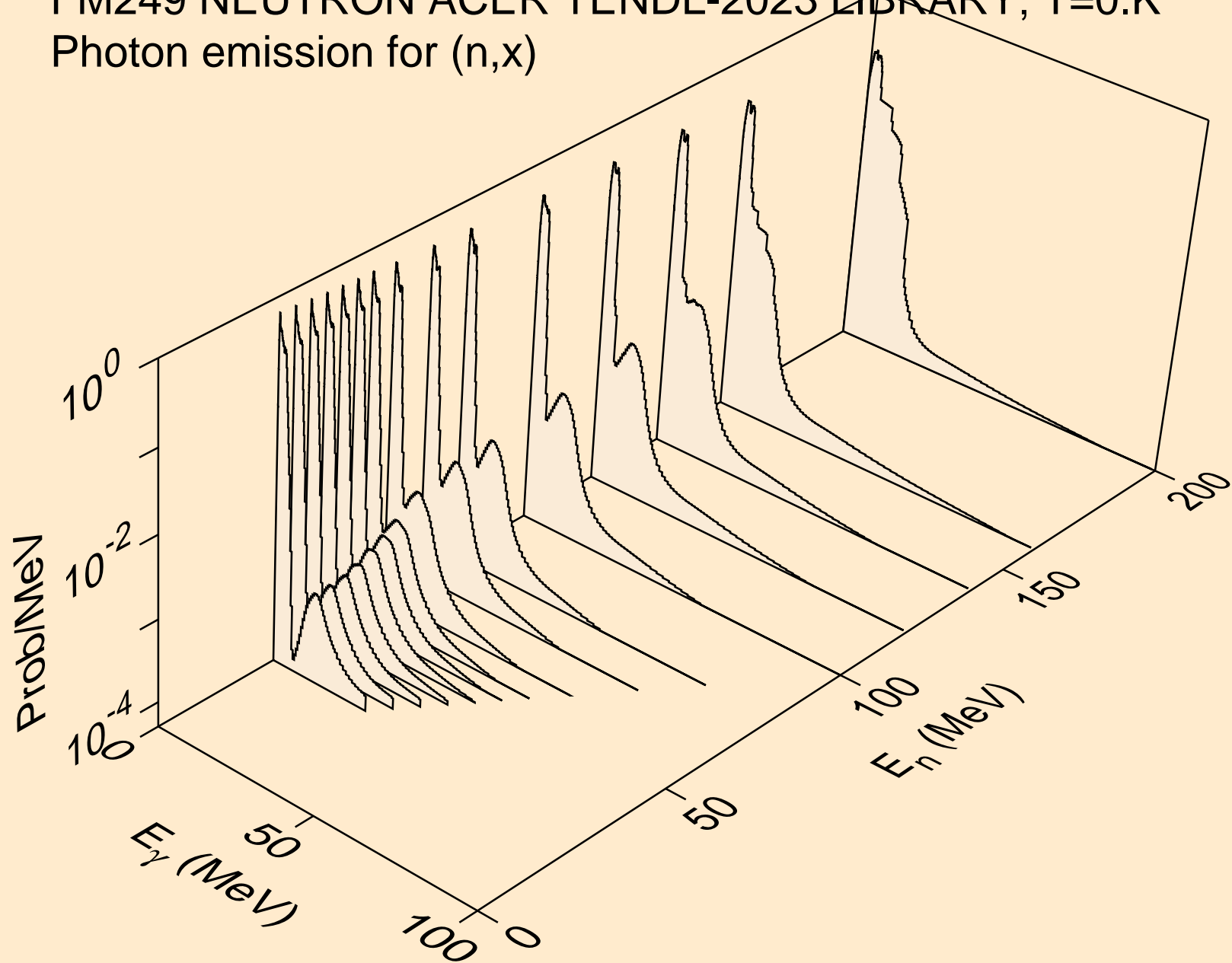


# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

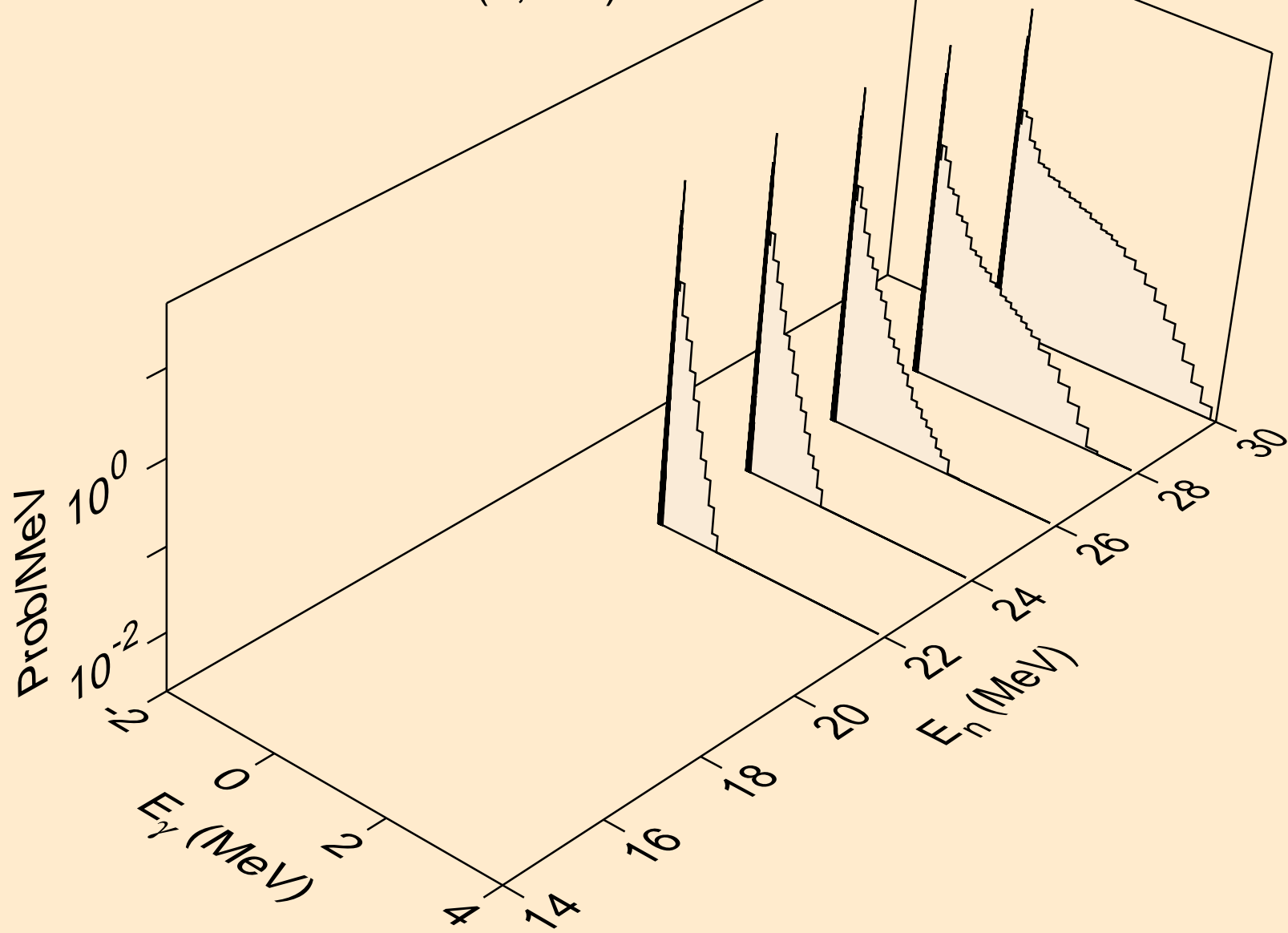
## Delayed neutron spectra



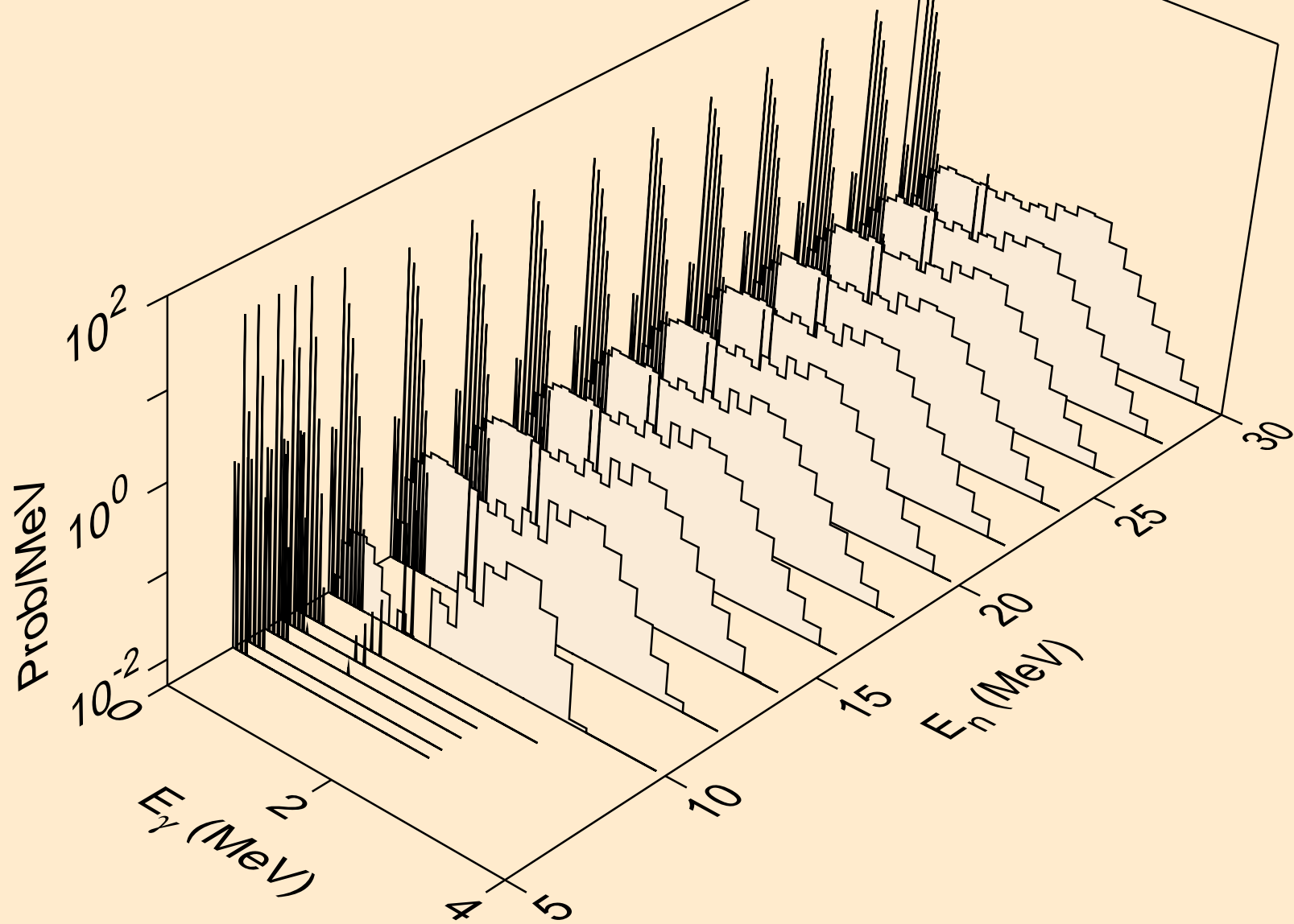
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



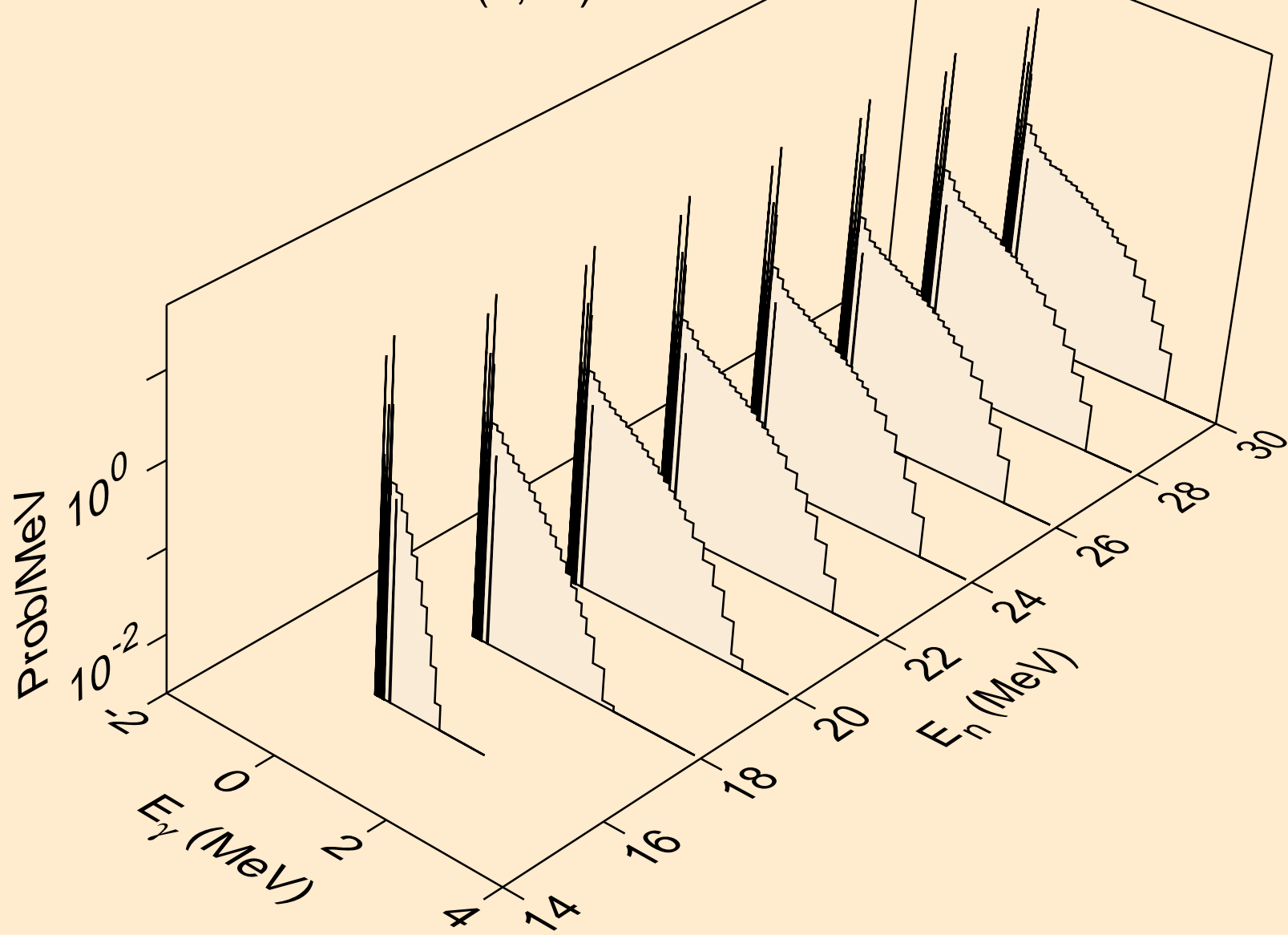
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



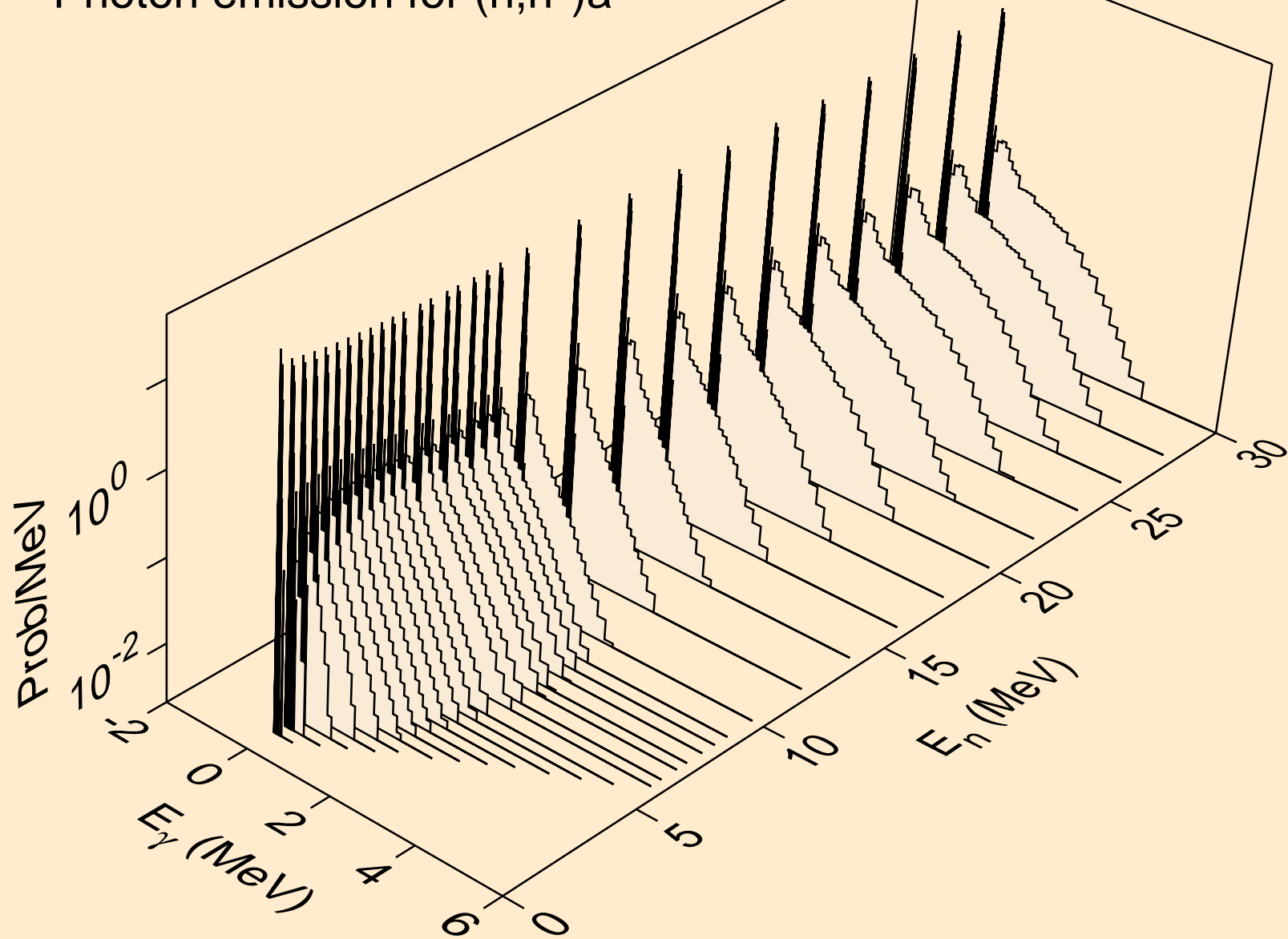
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



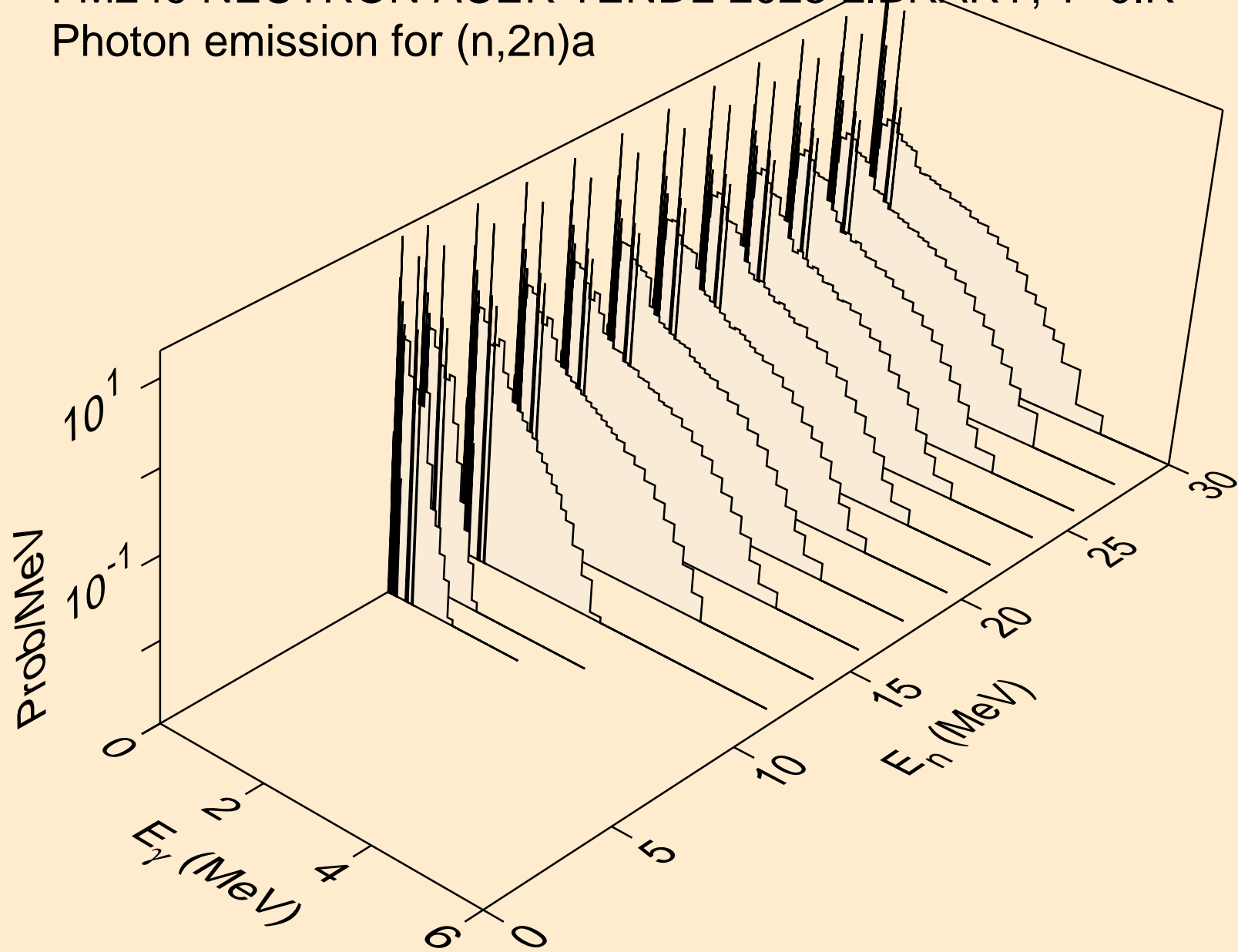
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



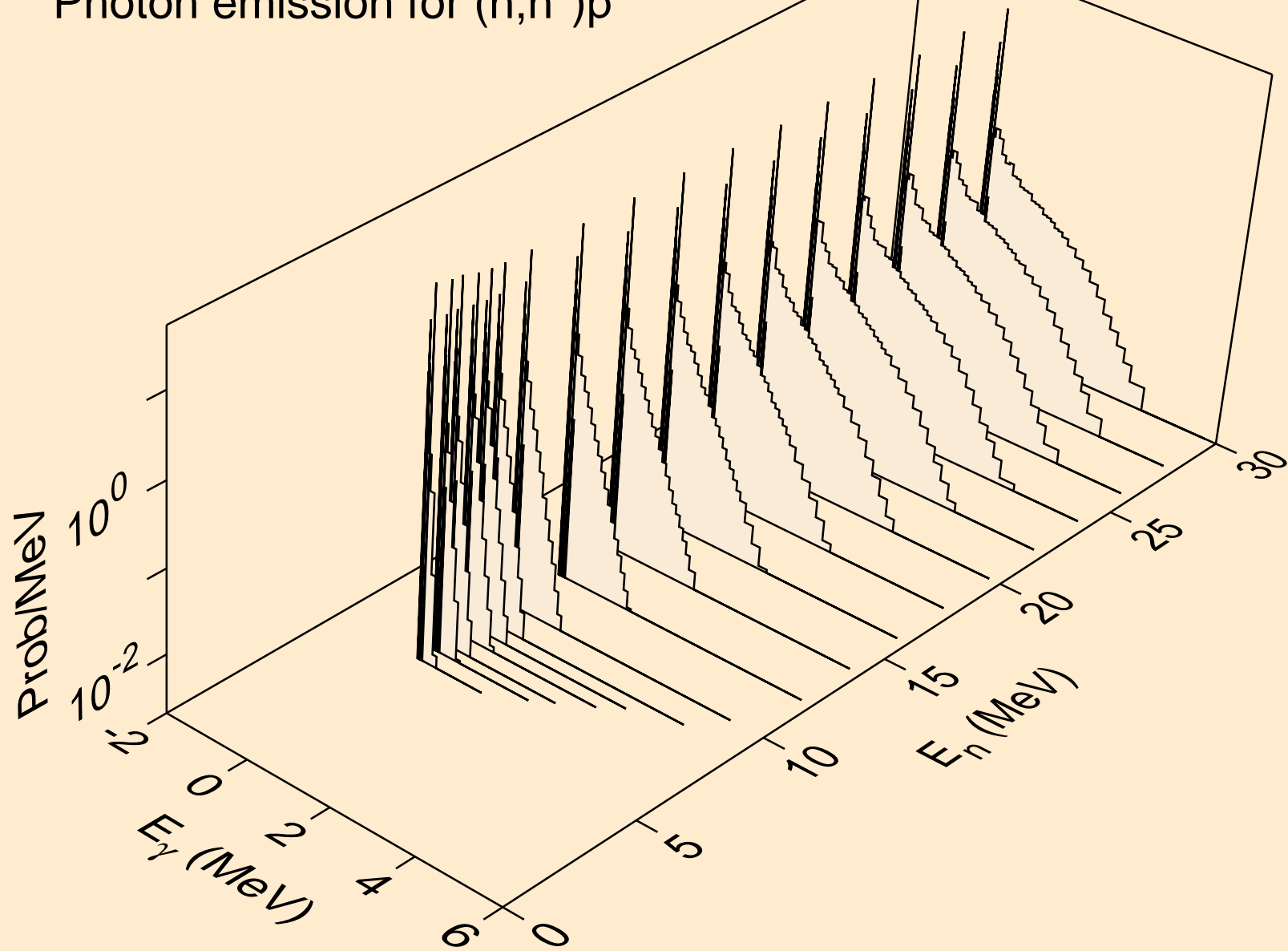
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

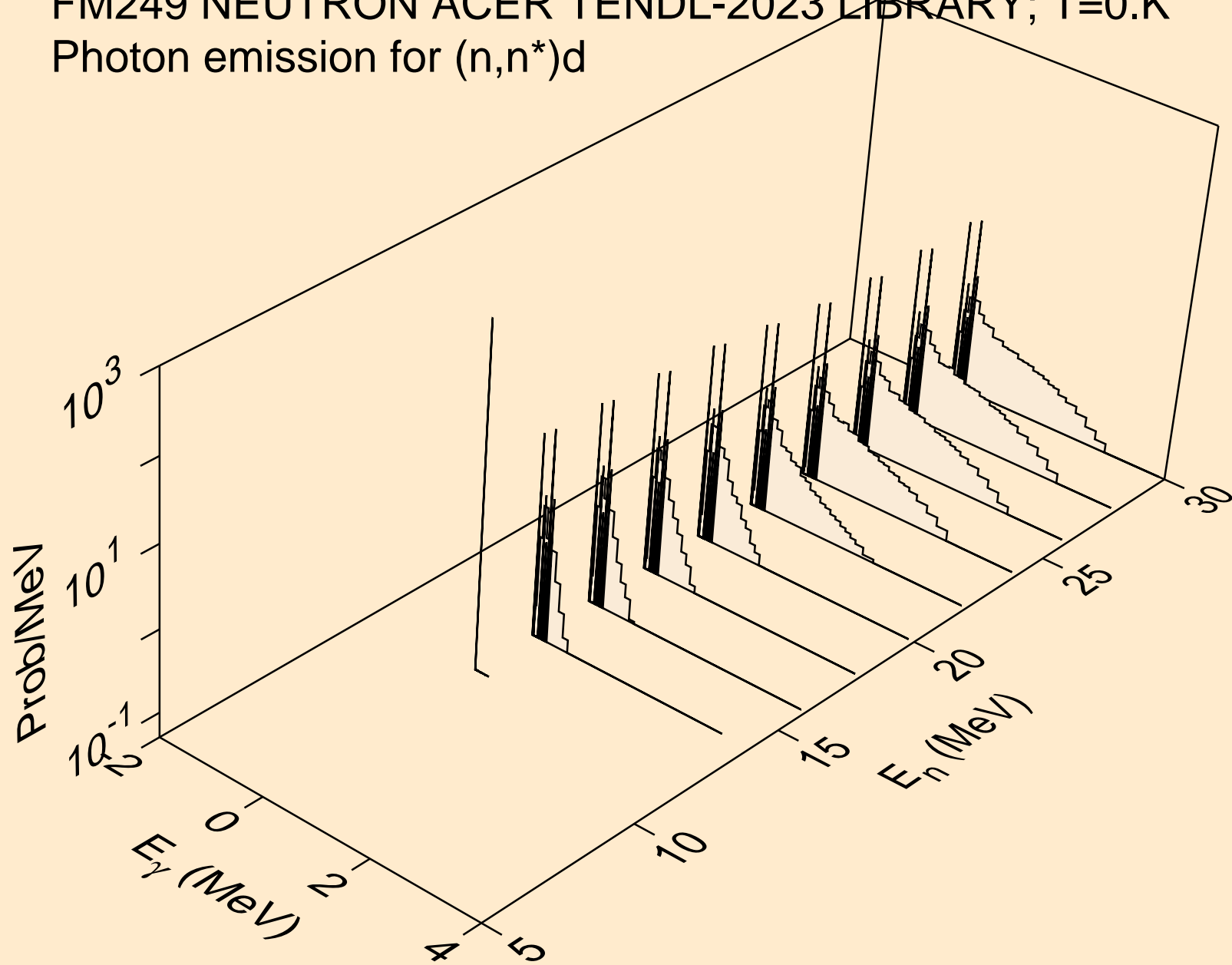


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

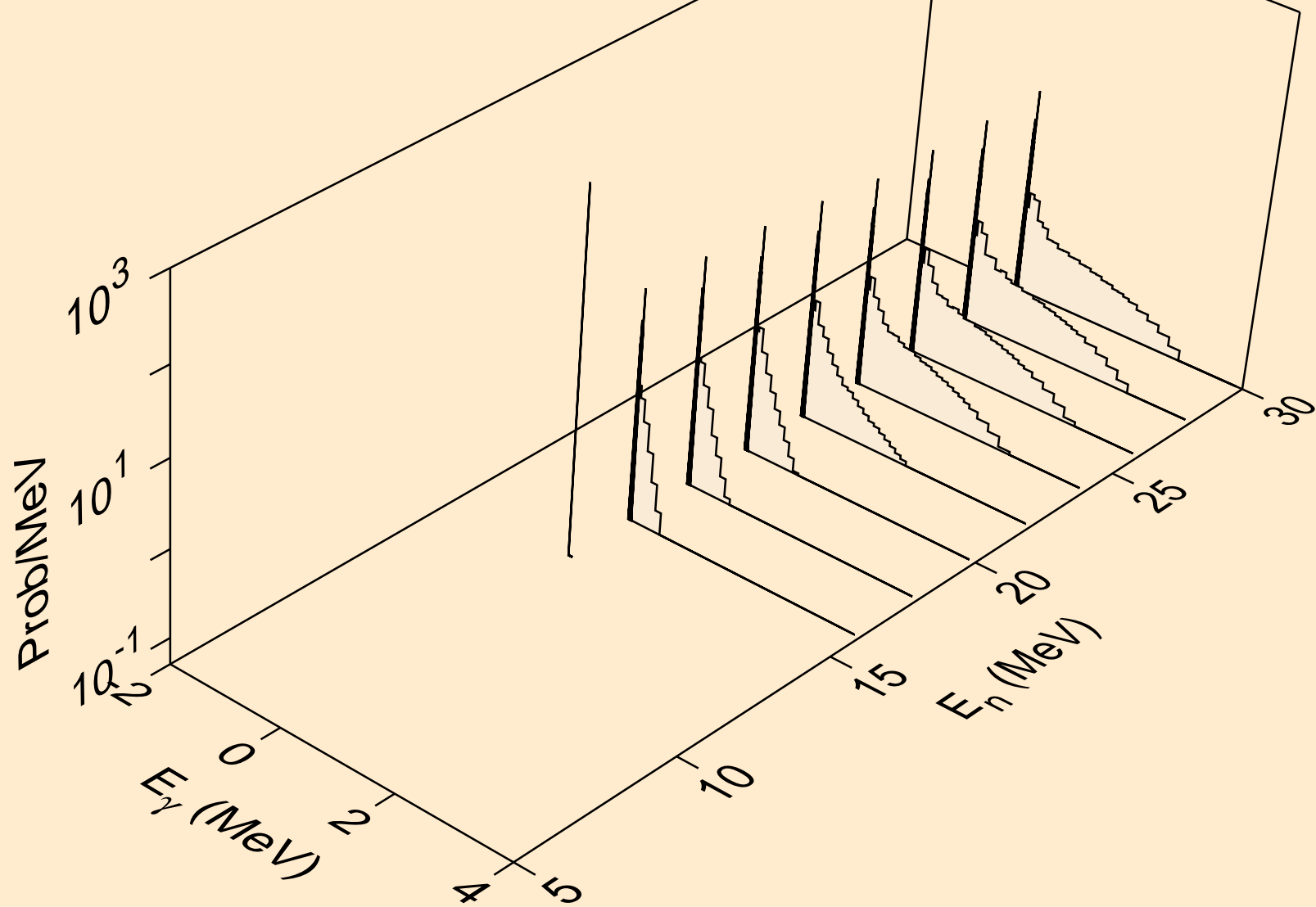




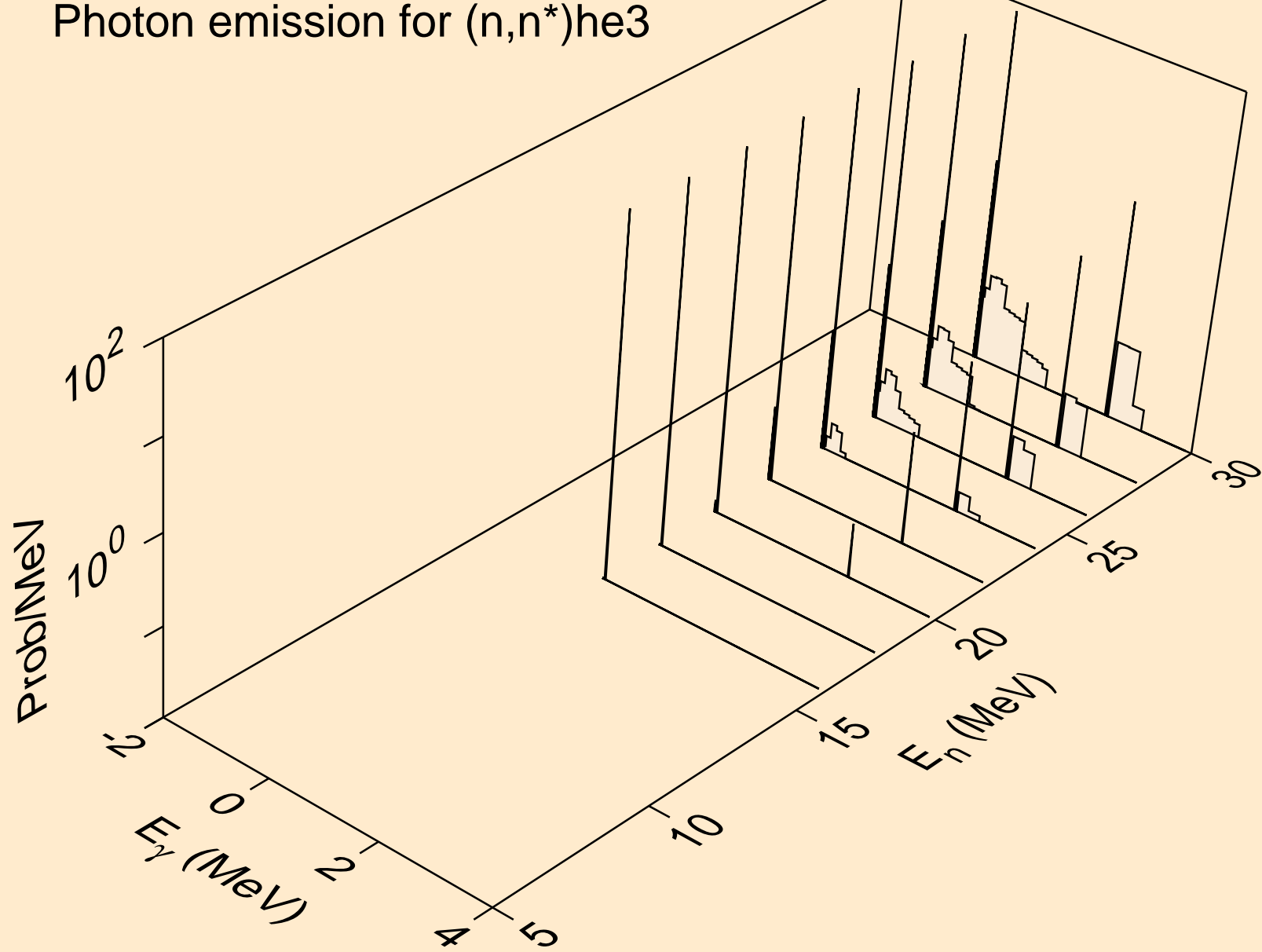
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



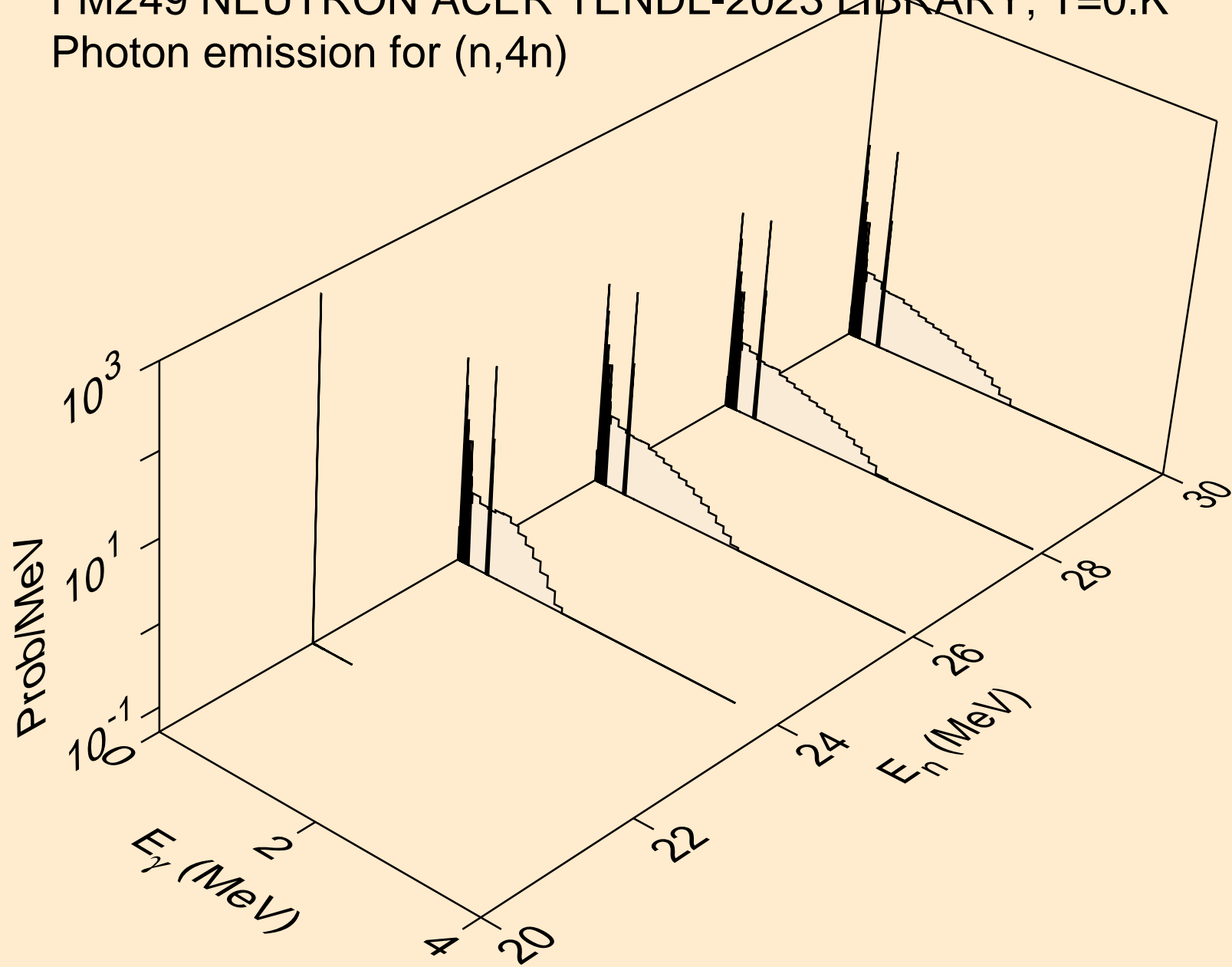
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



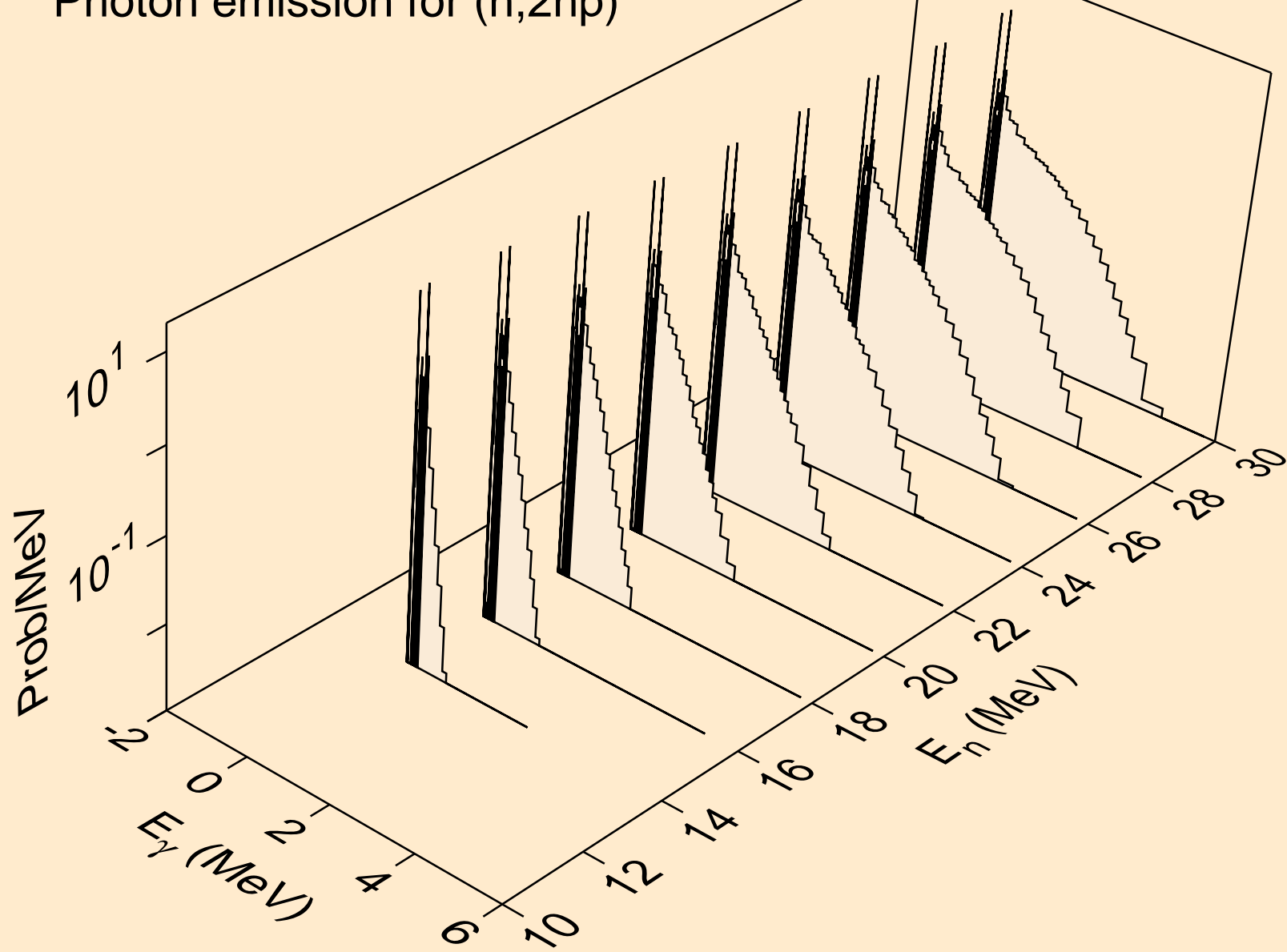
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



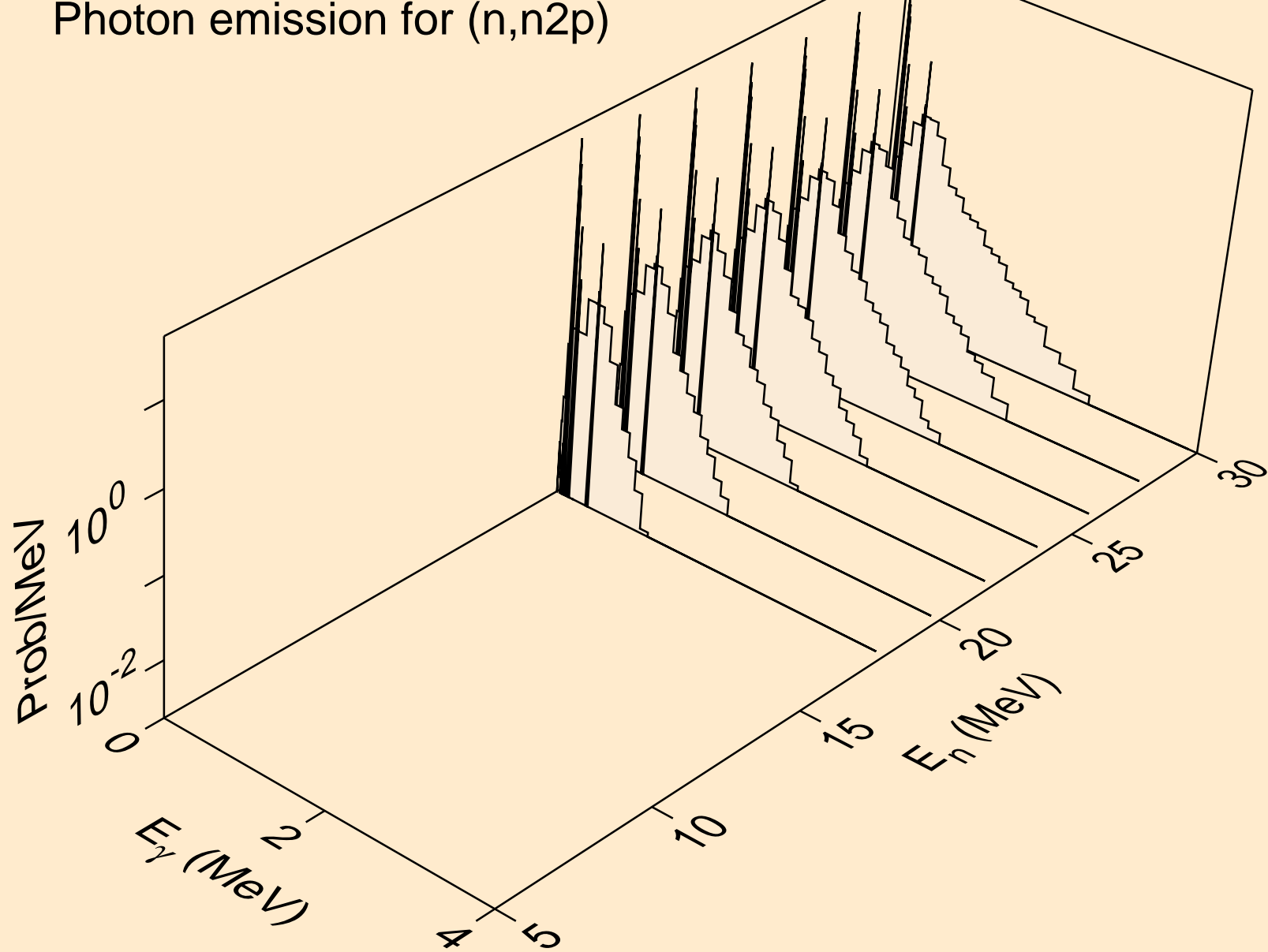
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



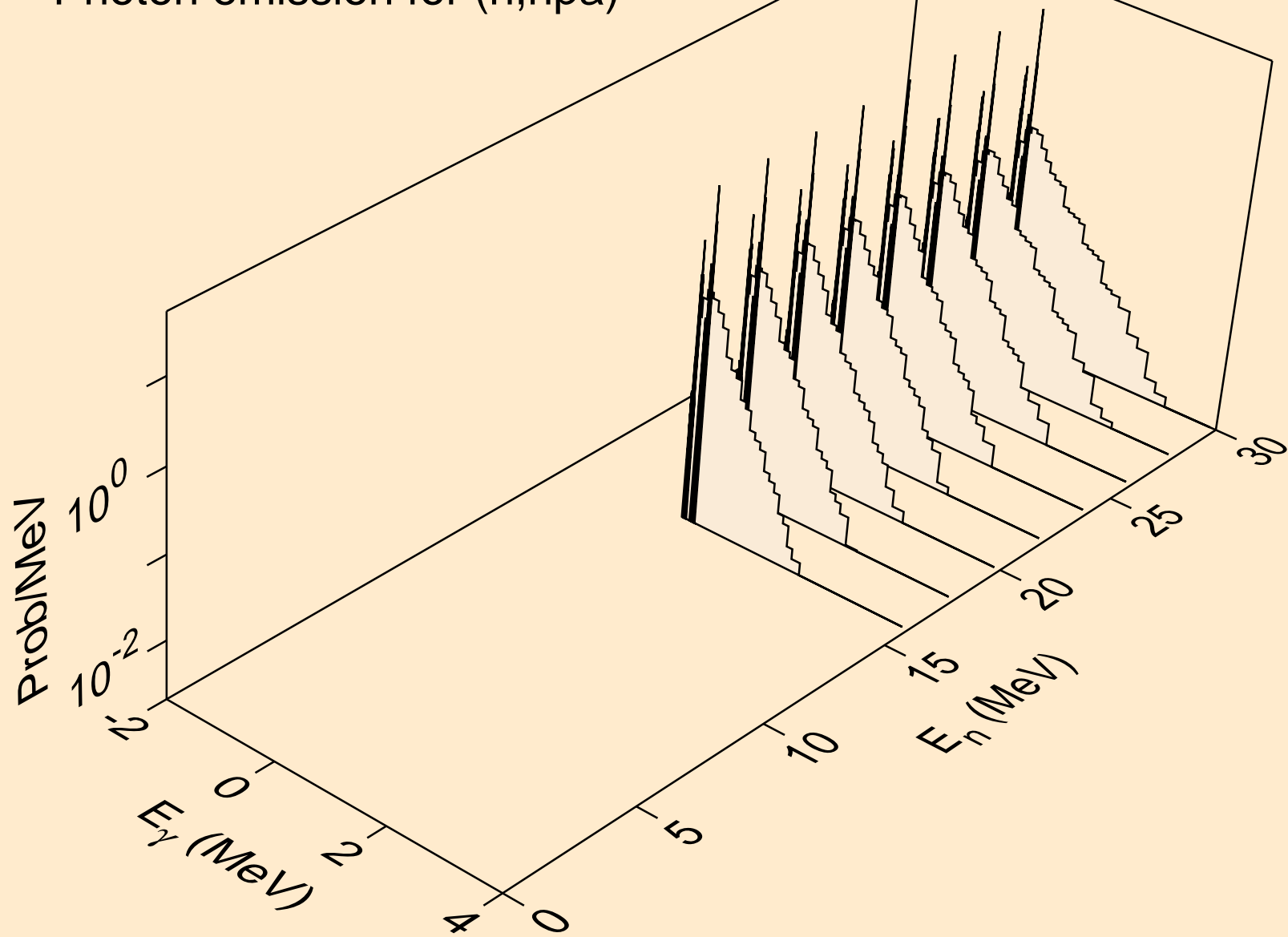
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



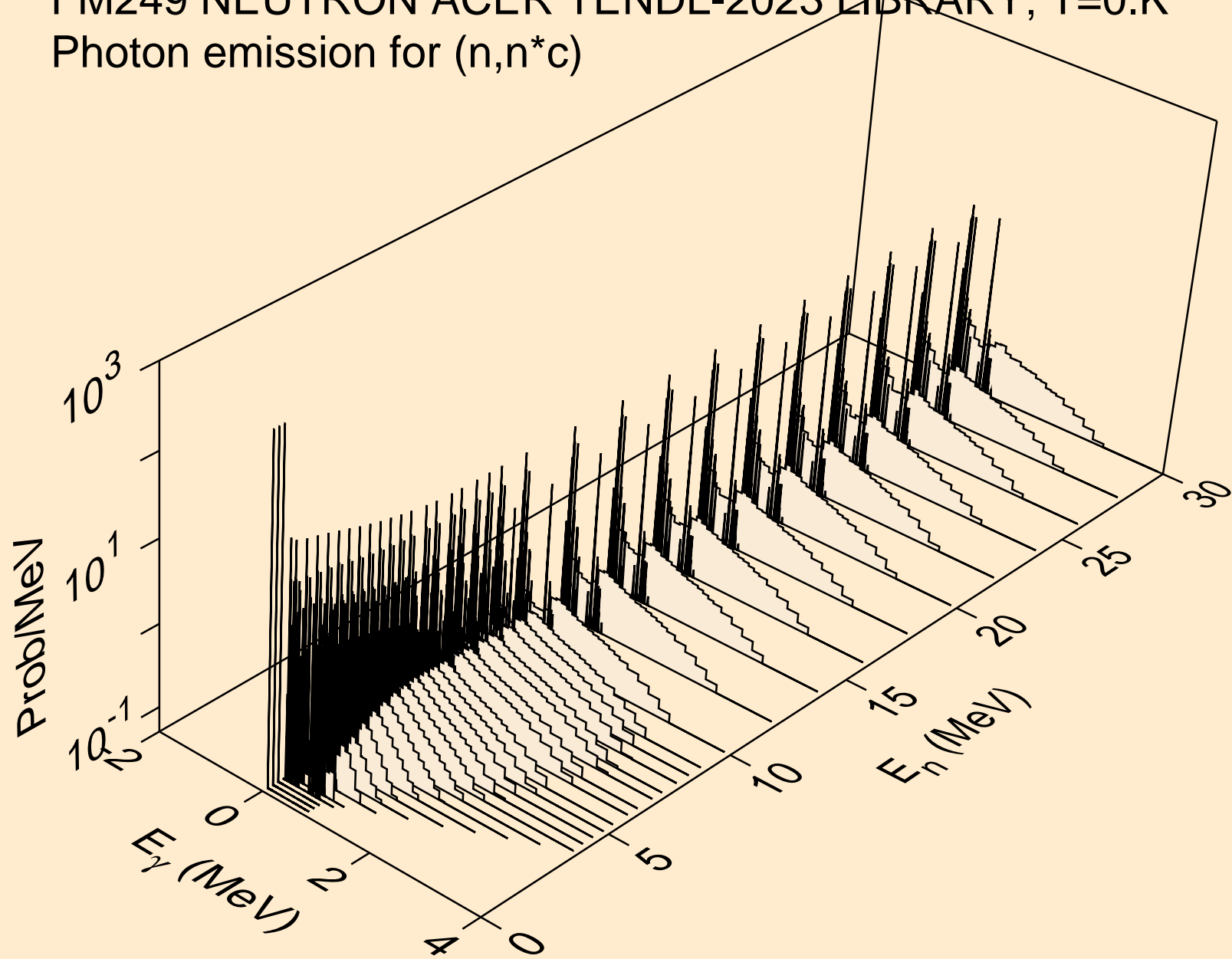
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

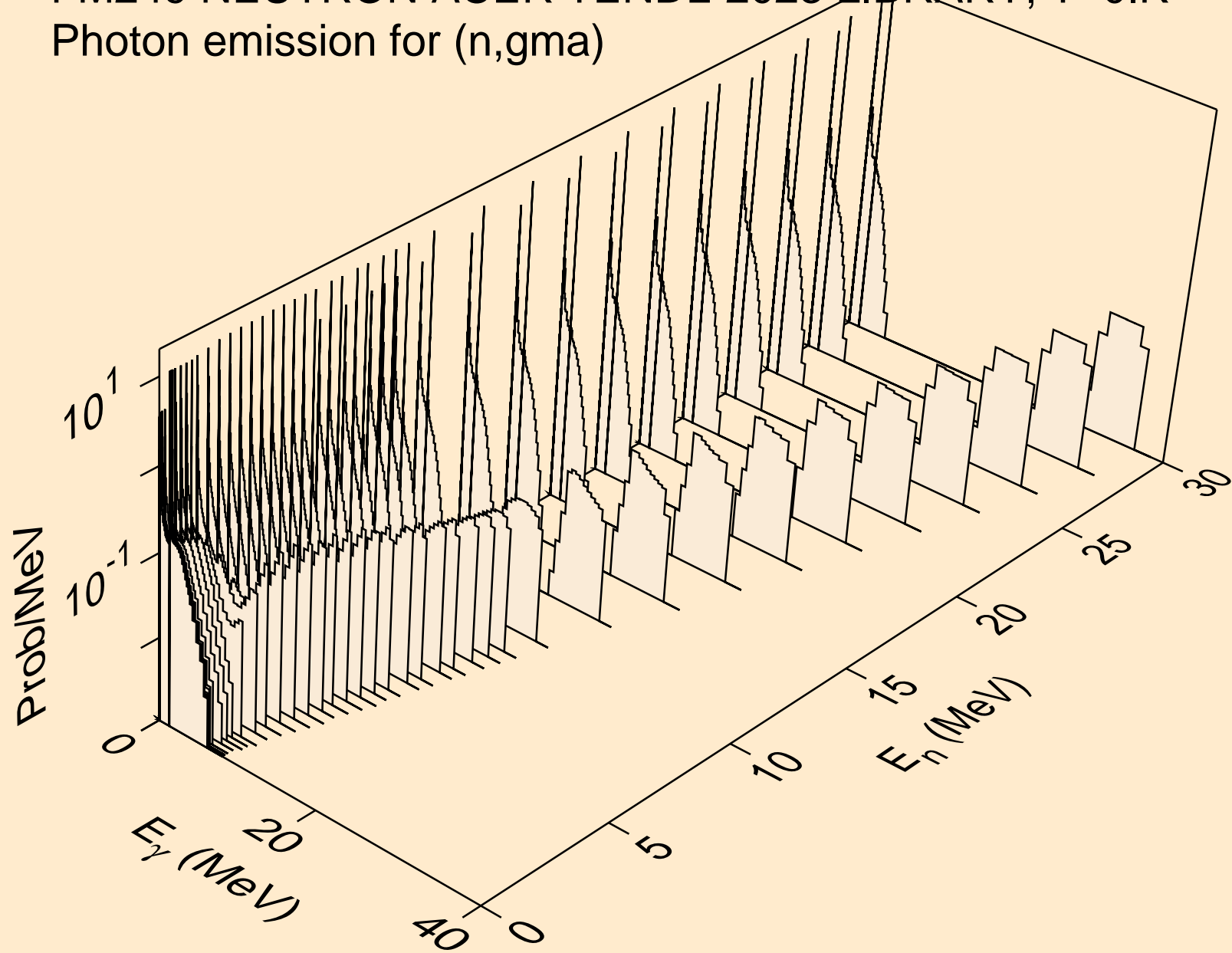


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

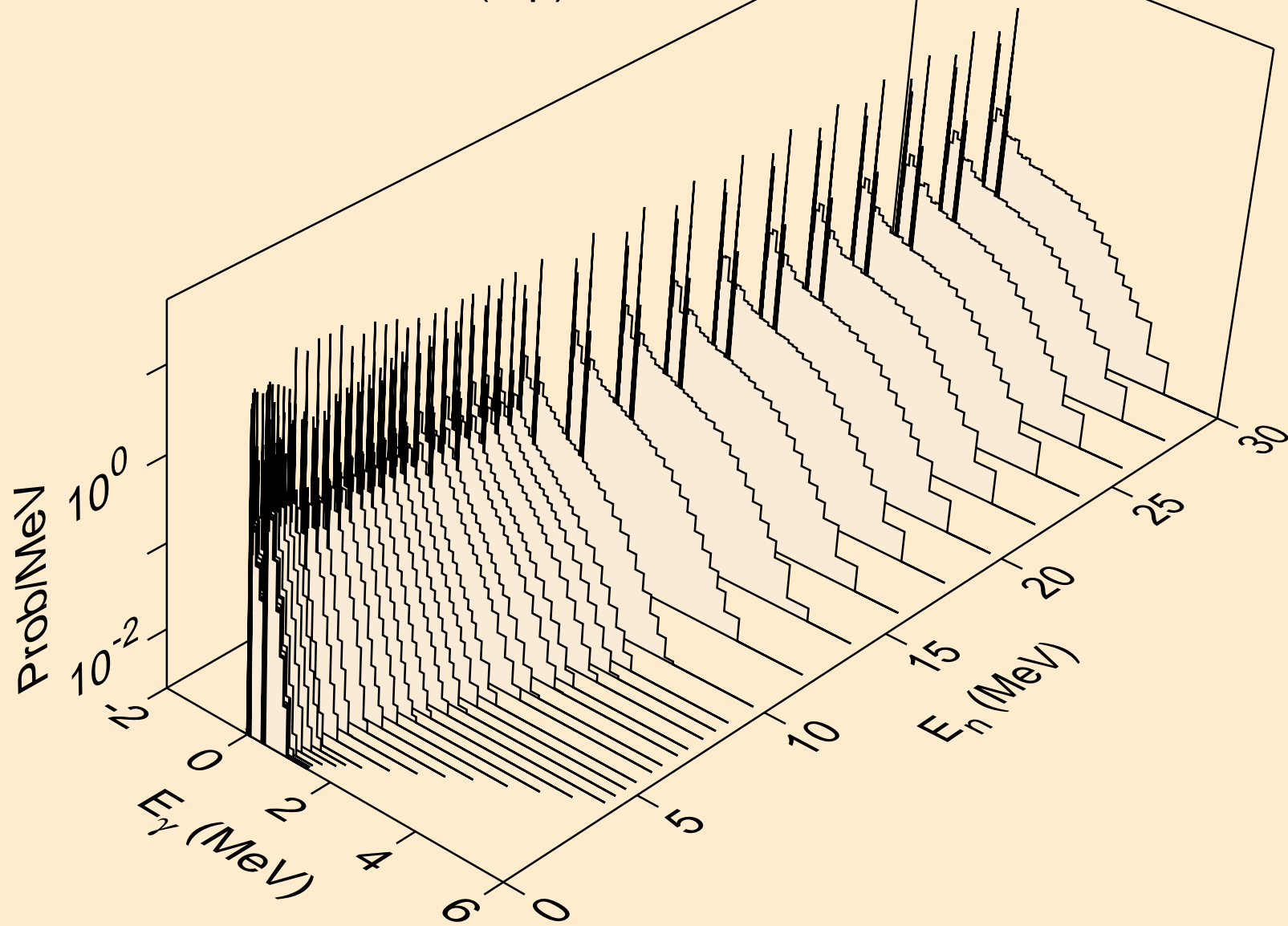




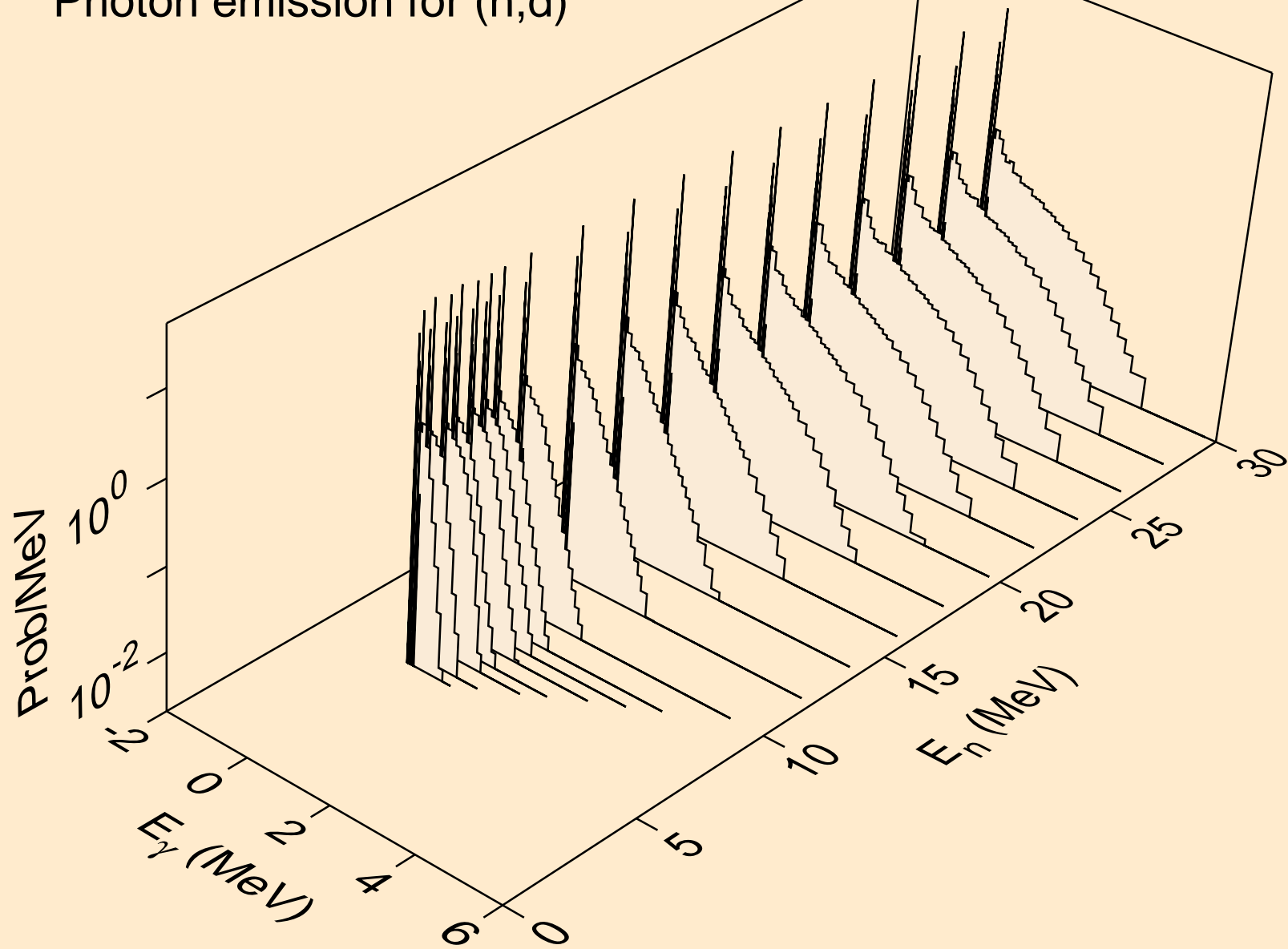
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



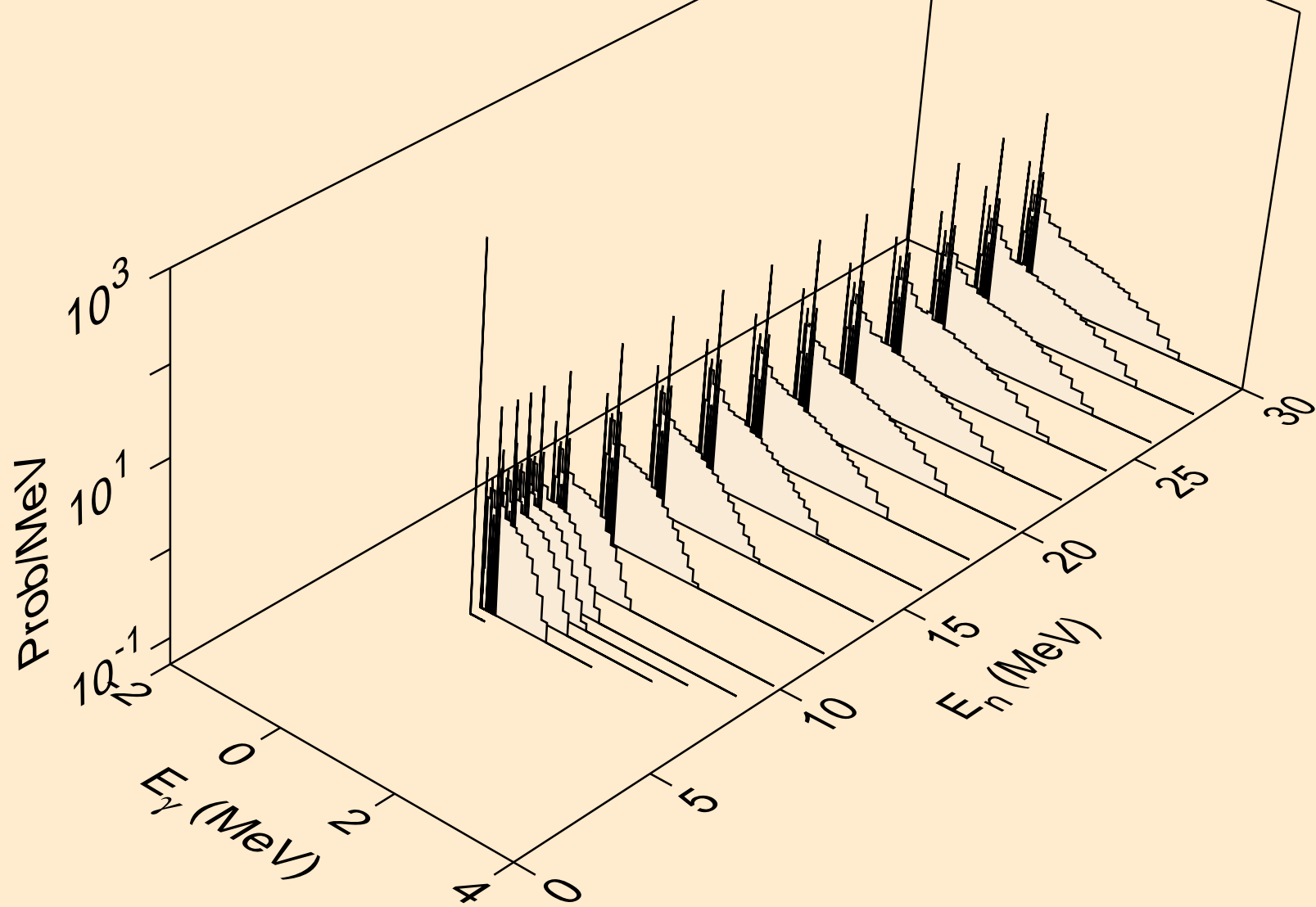
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



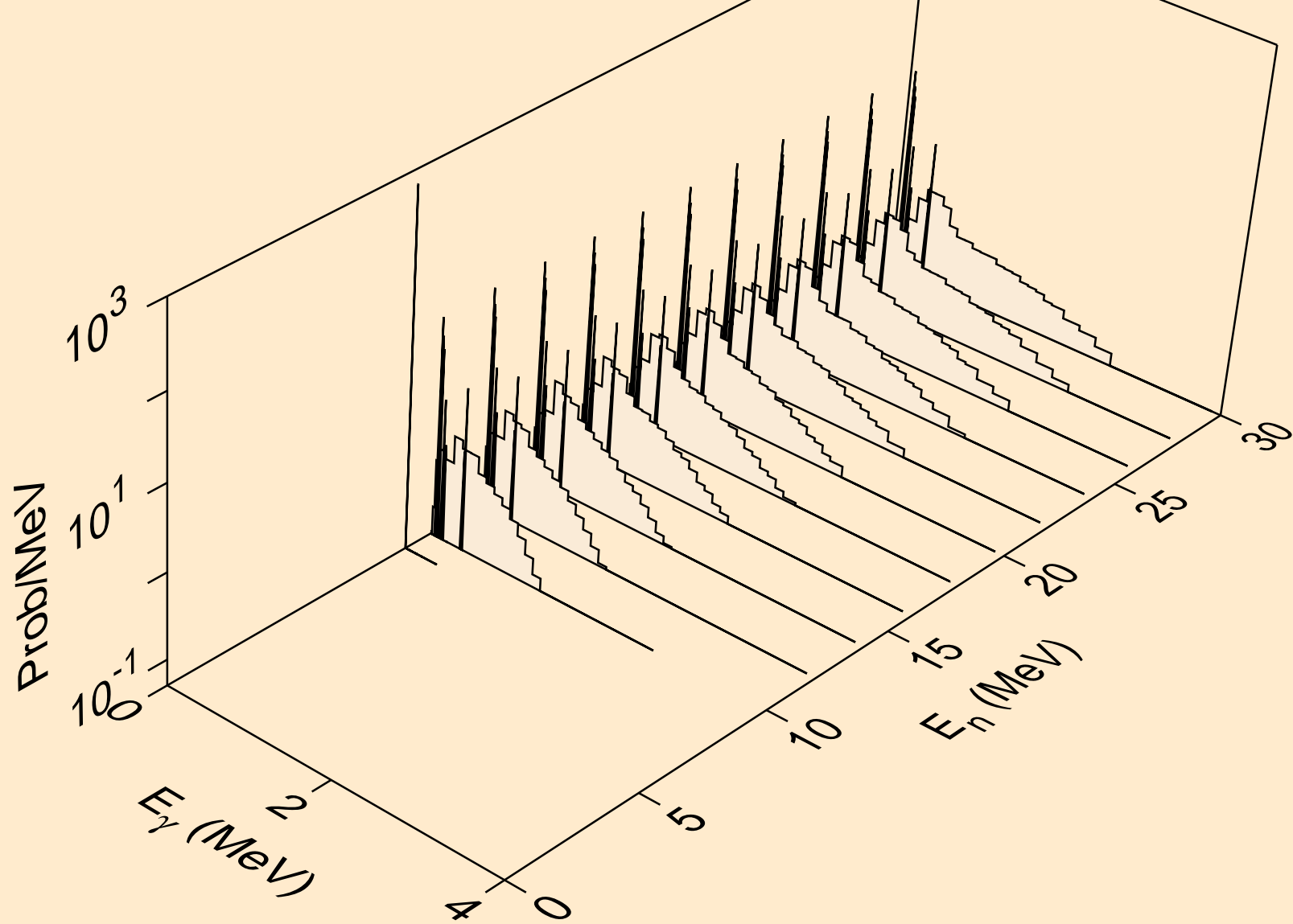
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



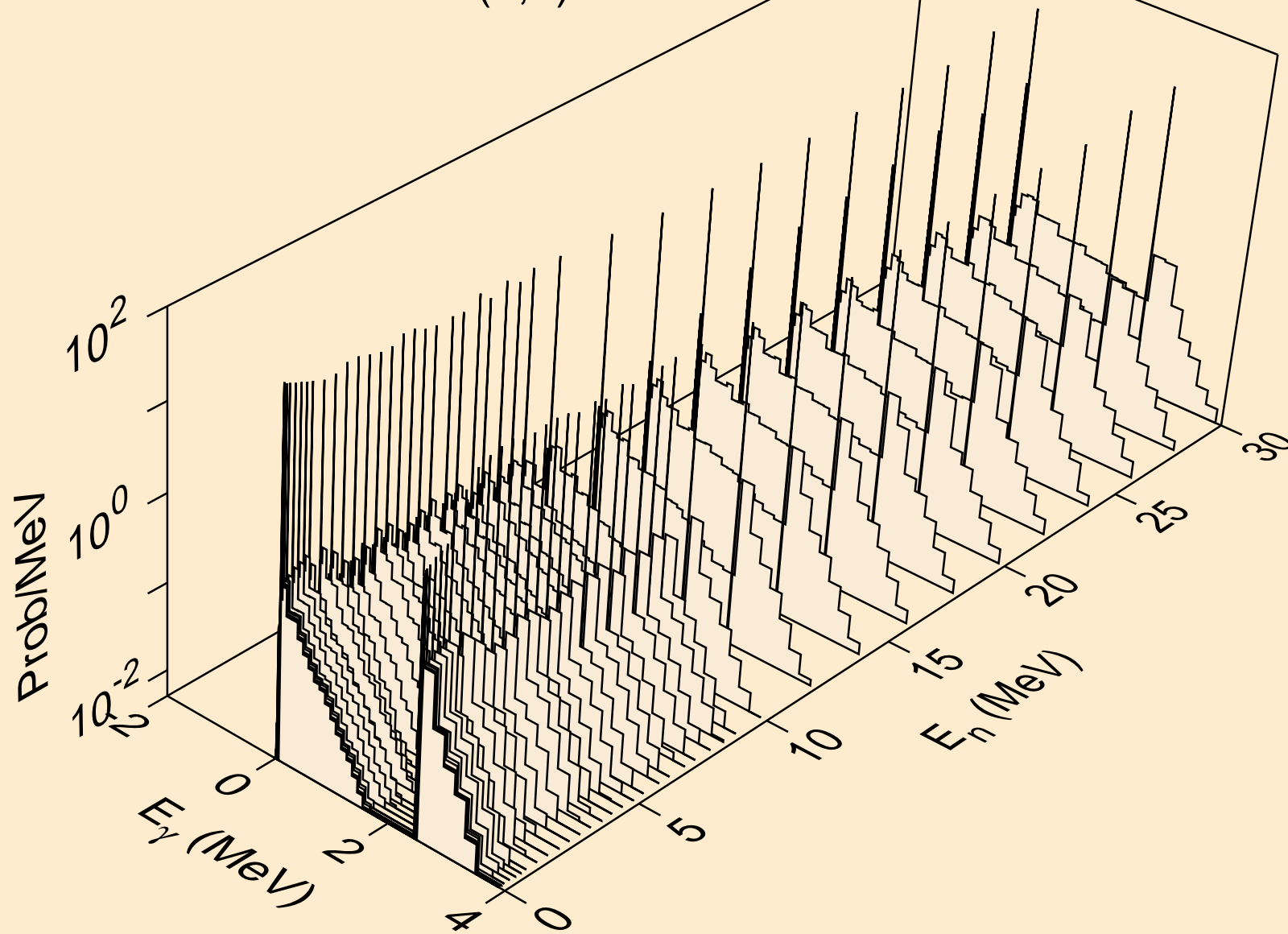
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



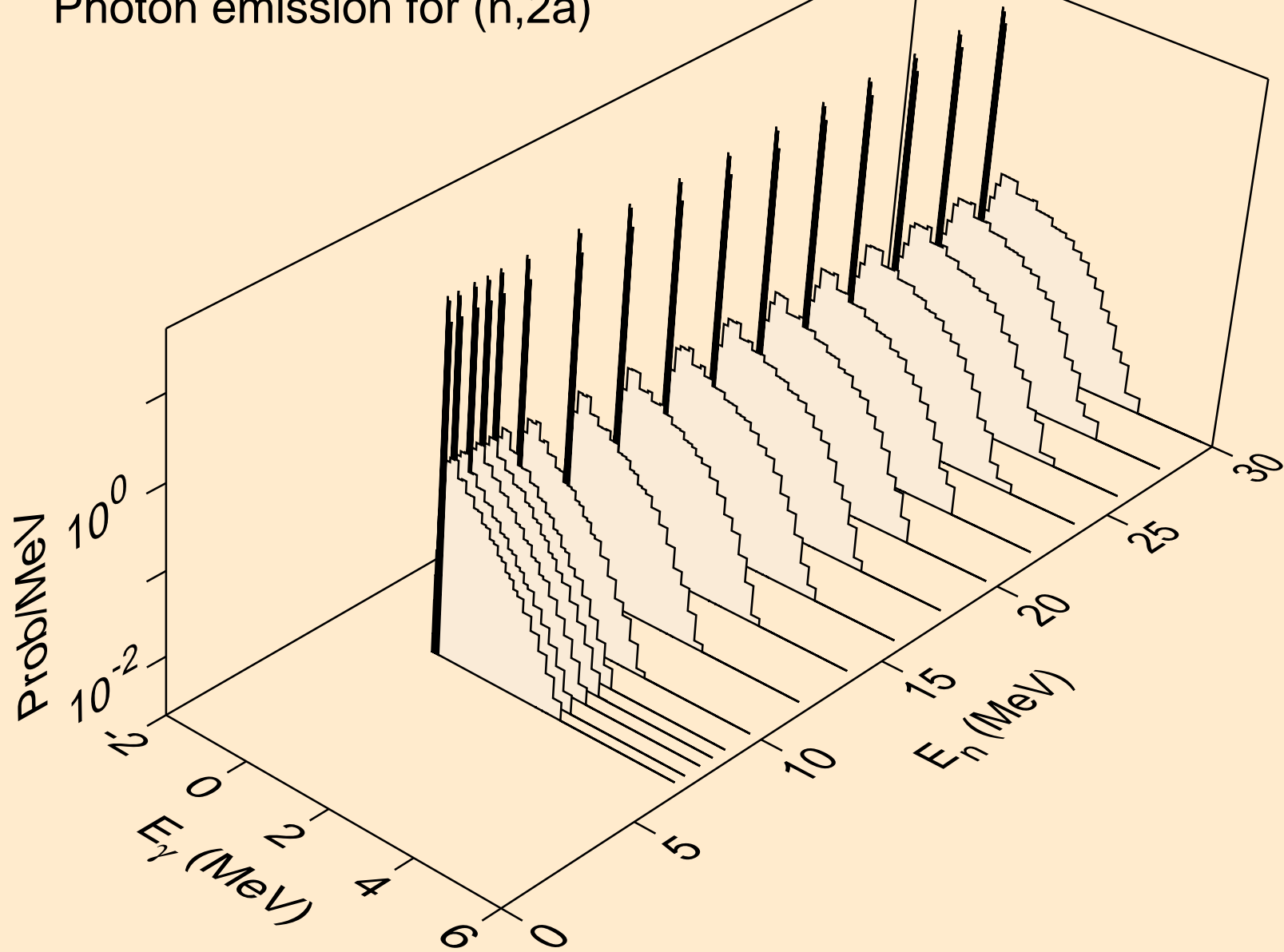
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



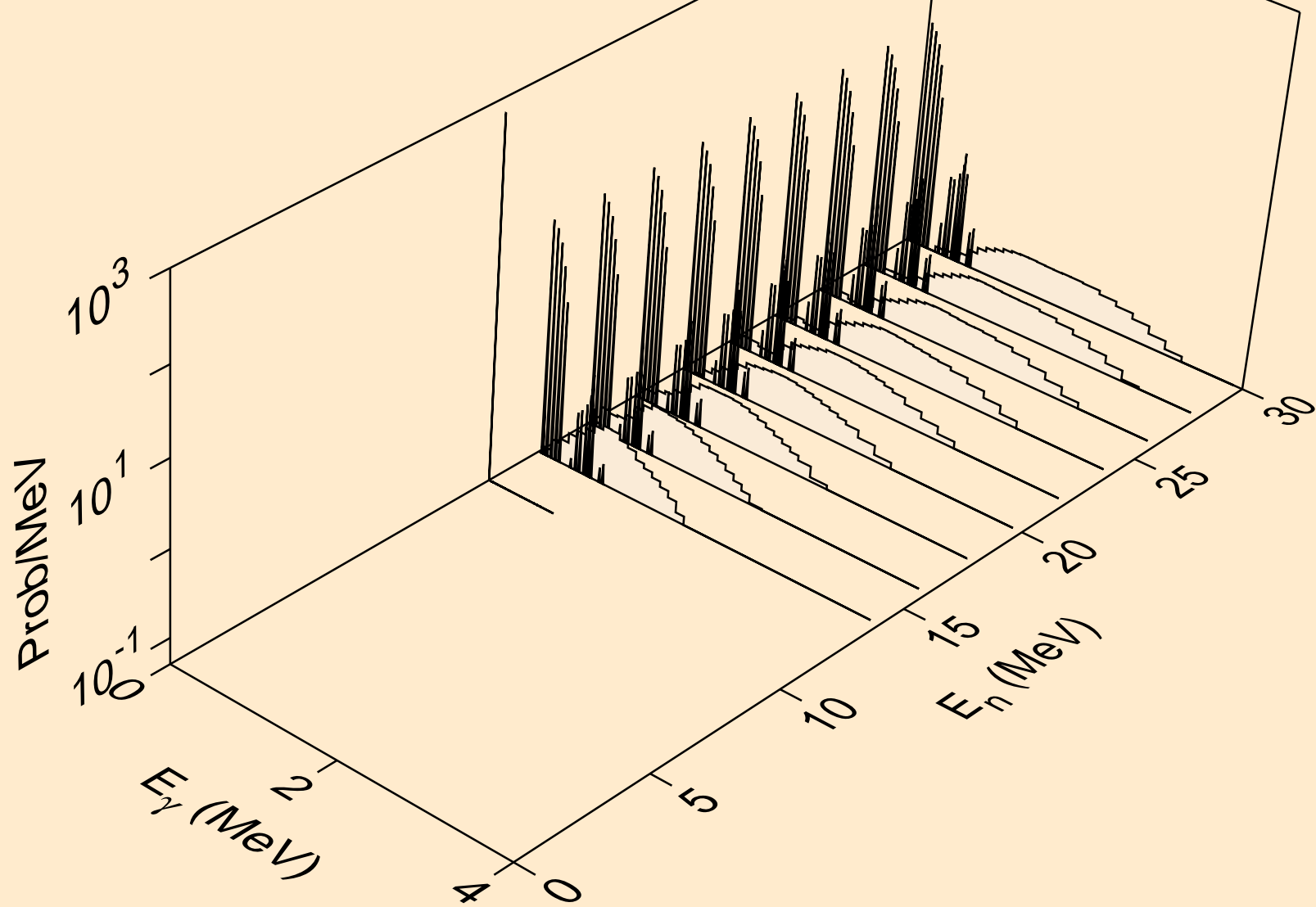
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

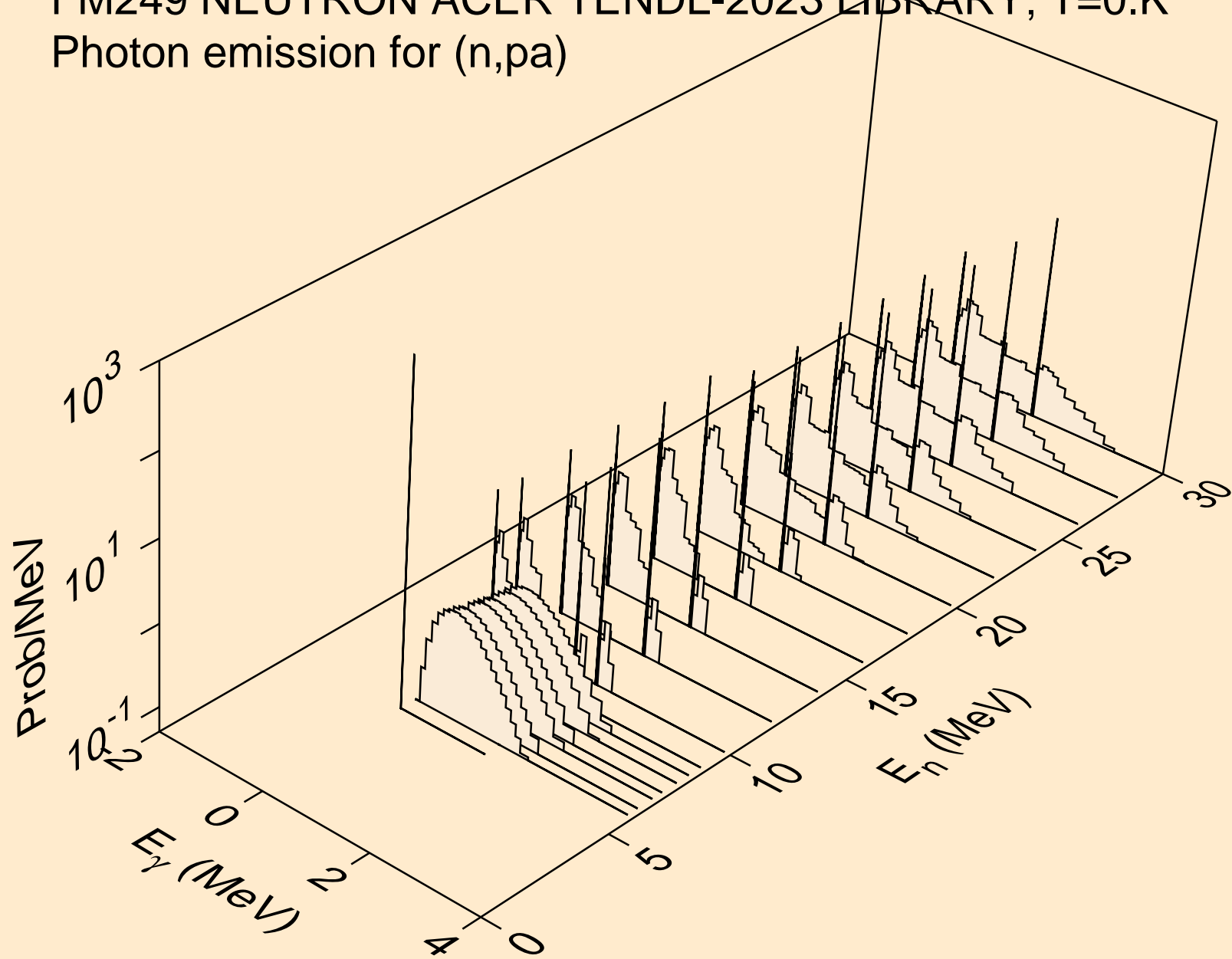


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

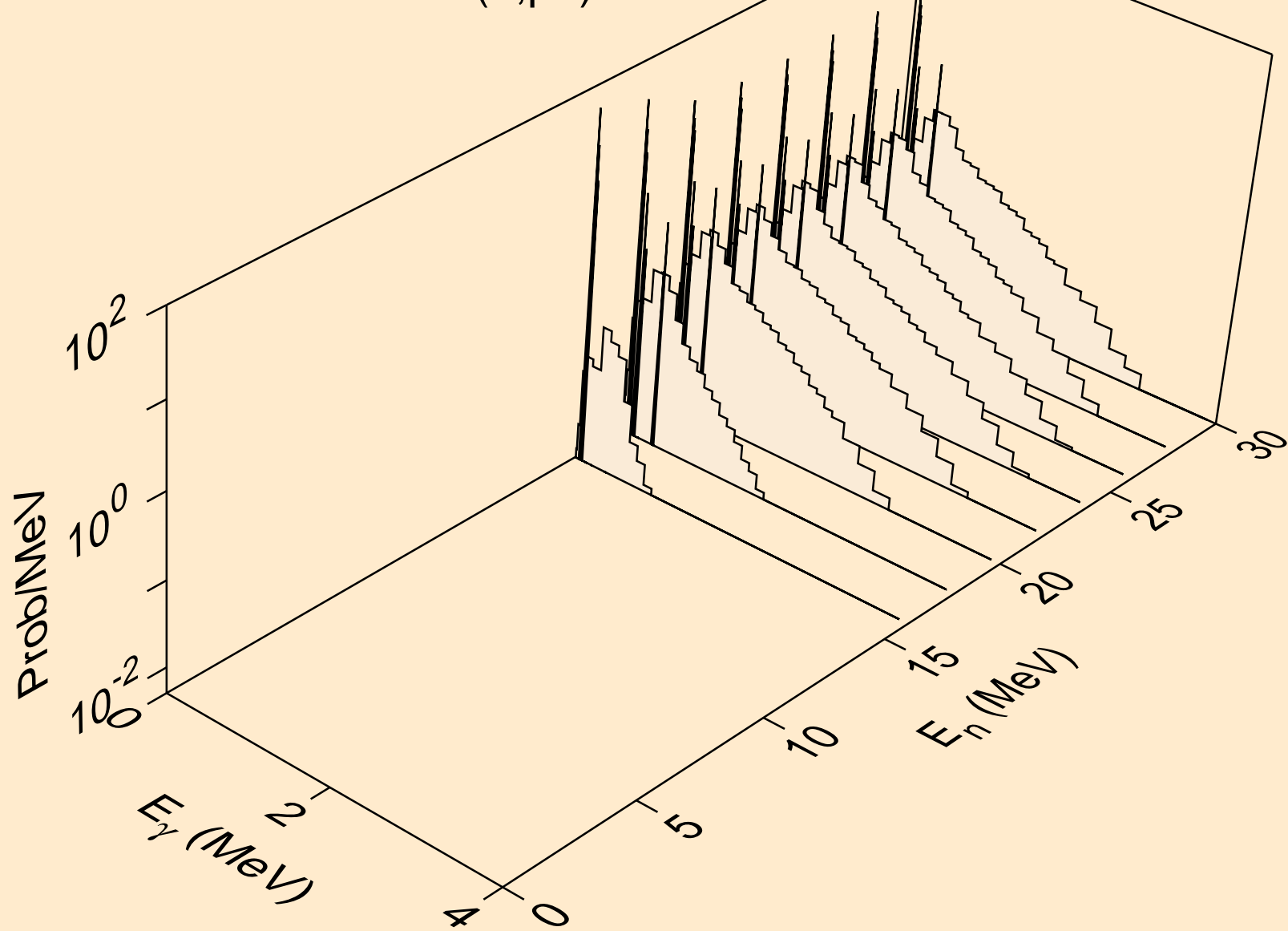




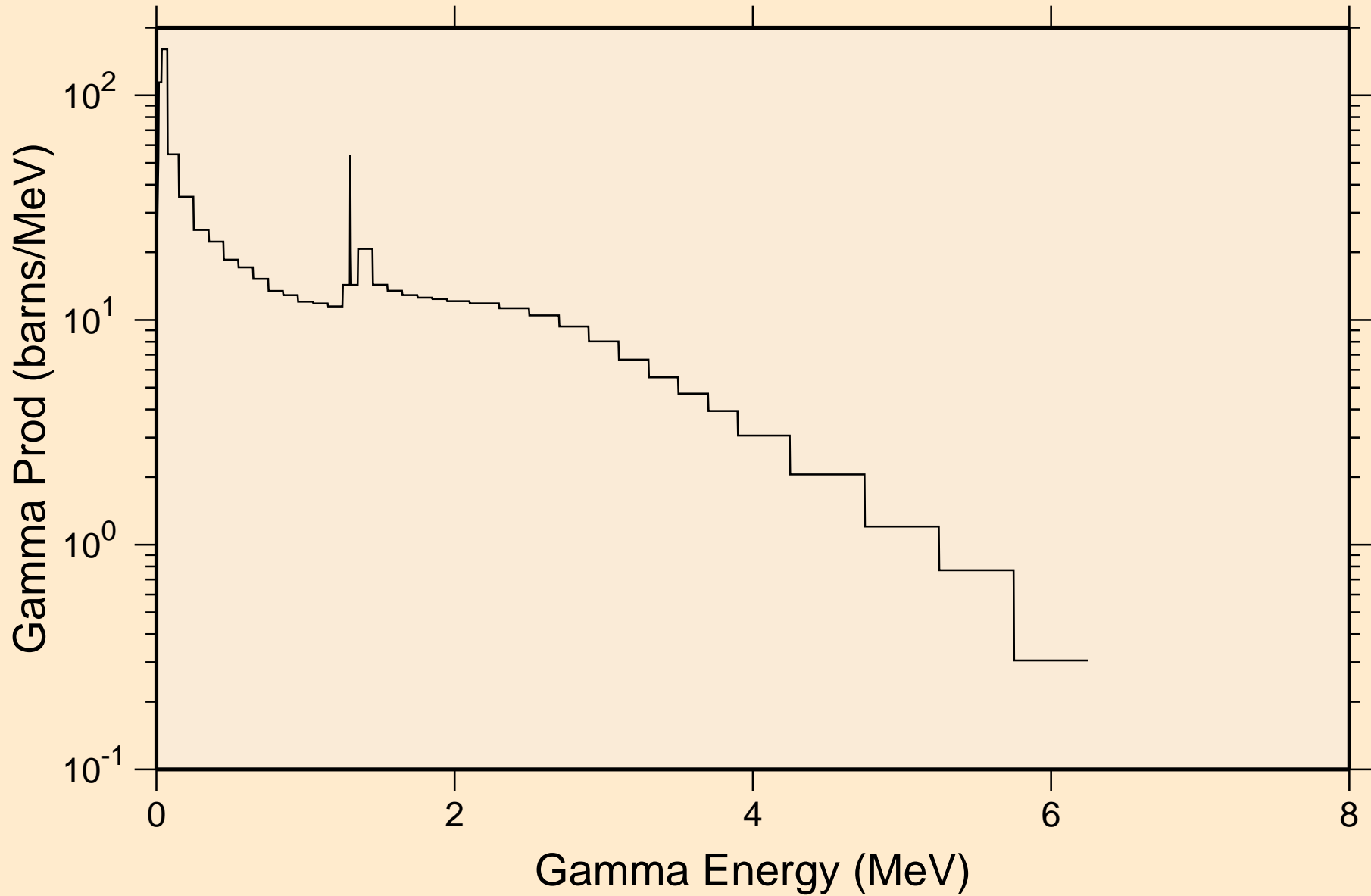
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



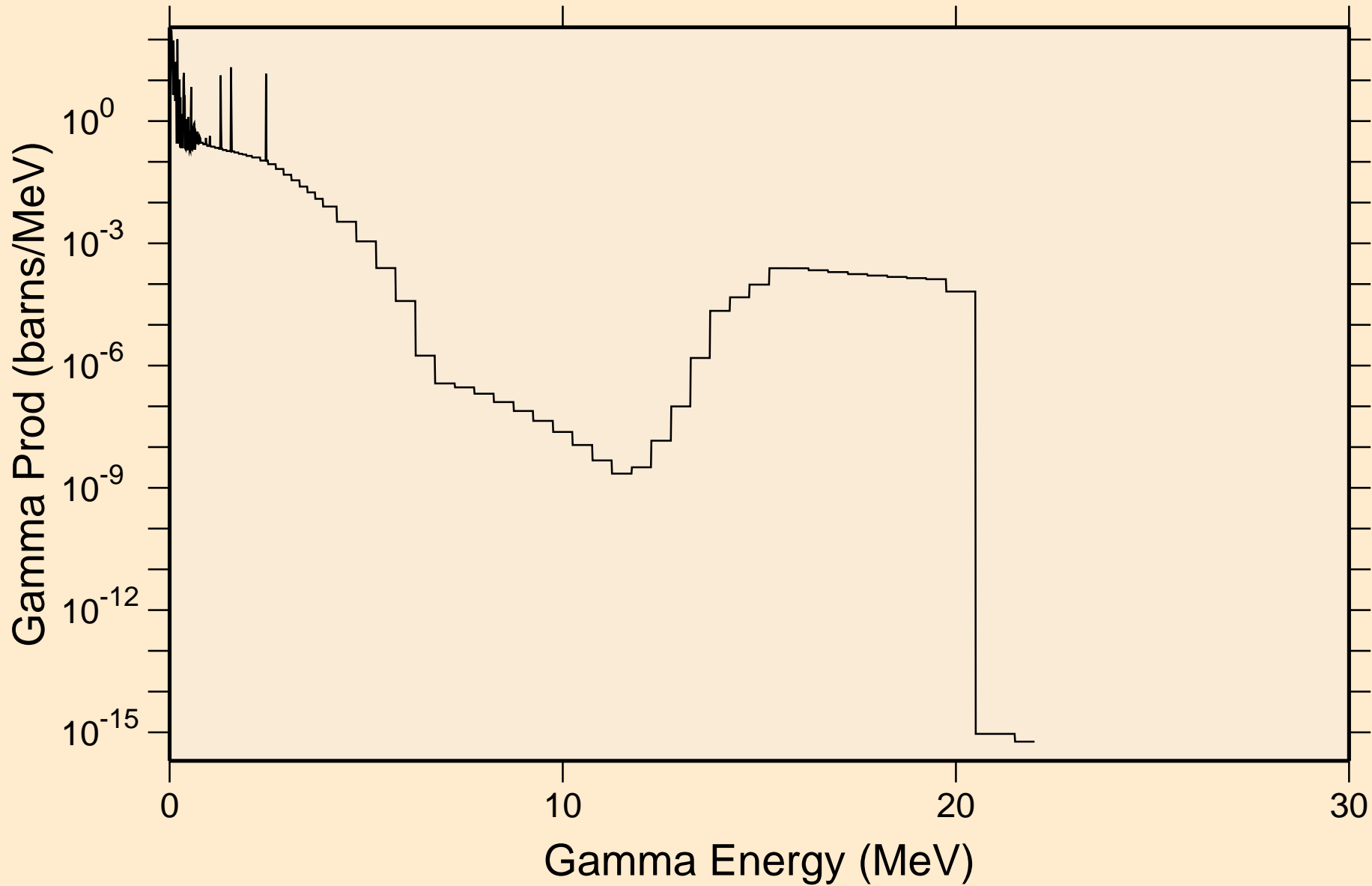
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

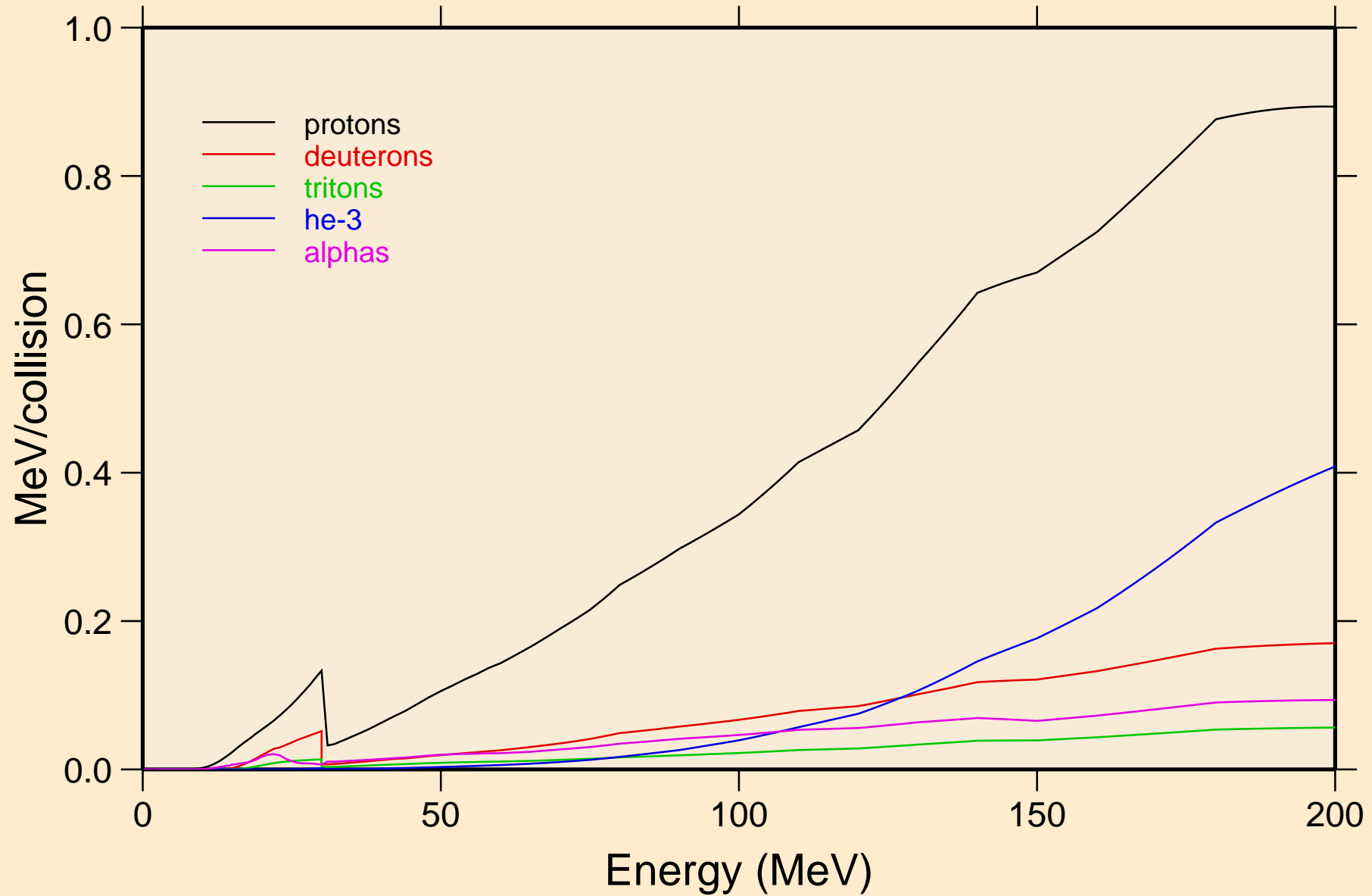


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

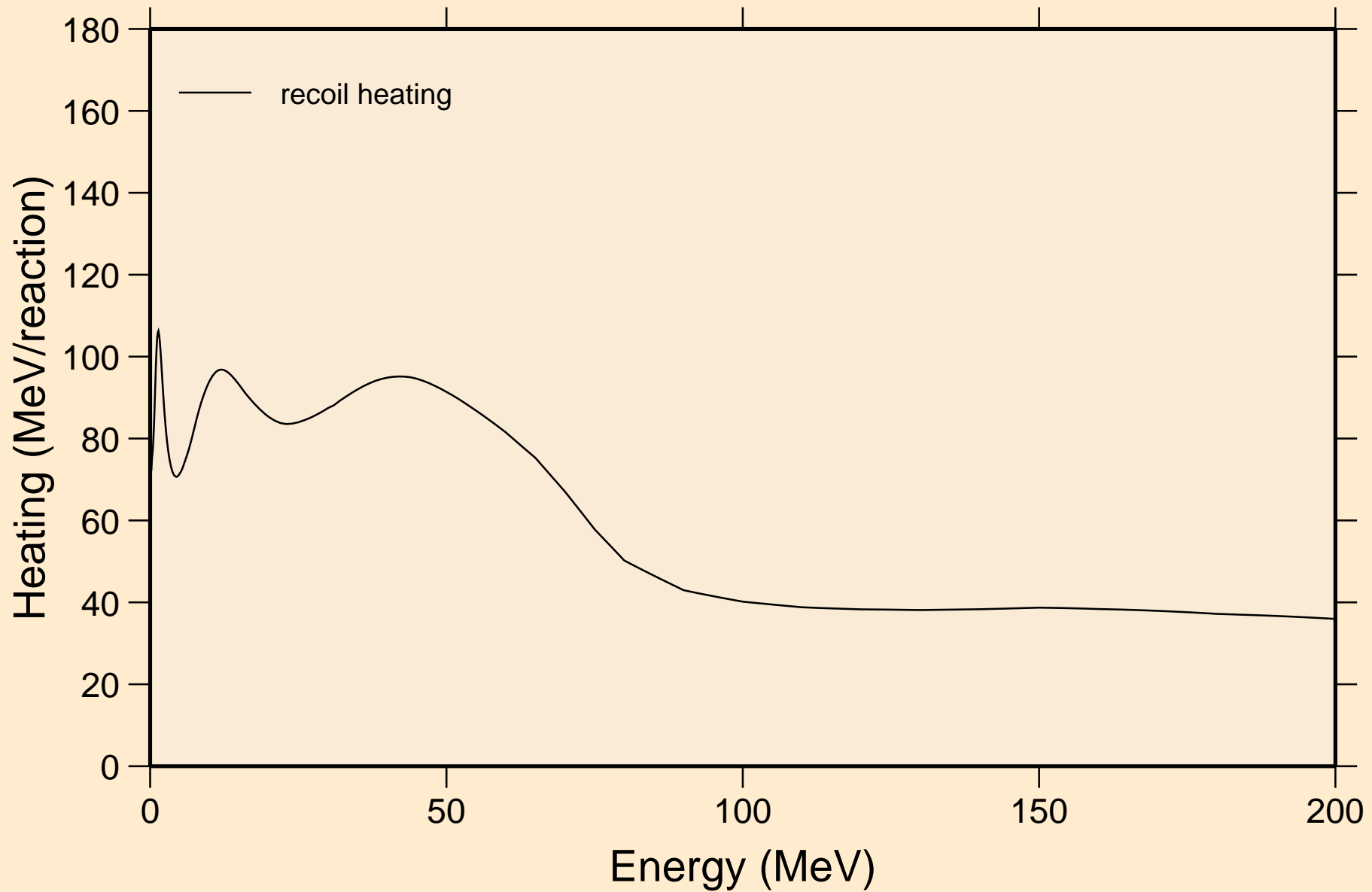


# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

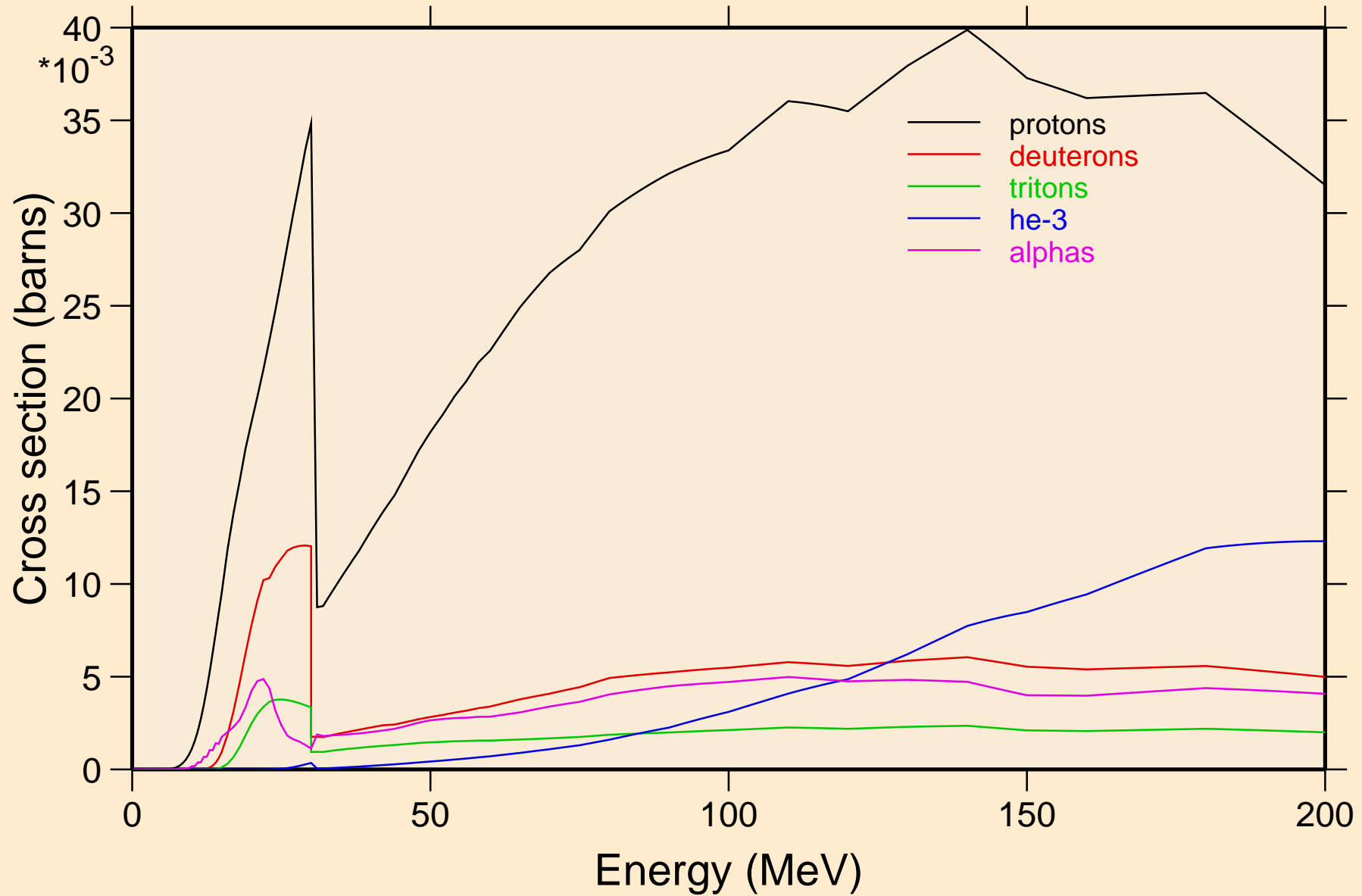


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

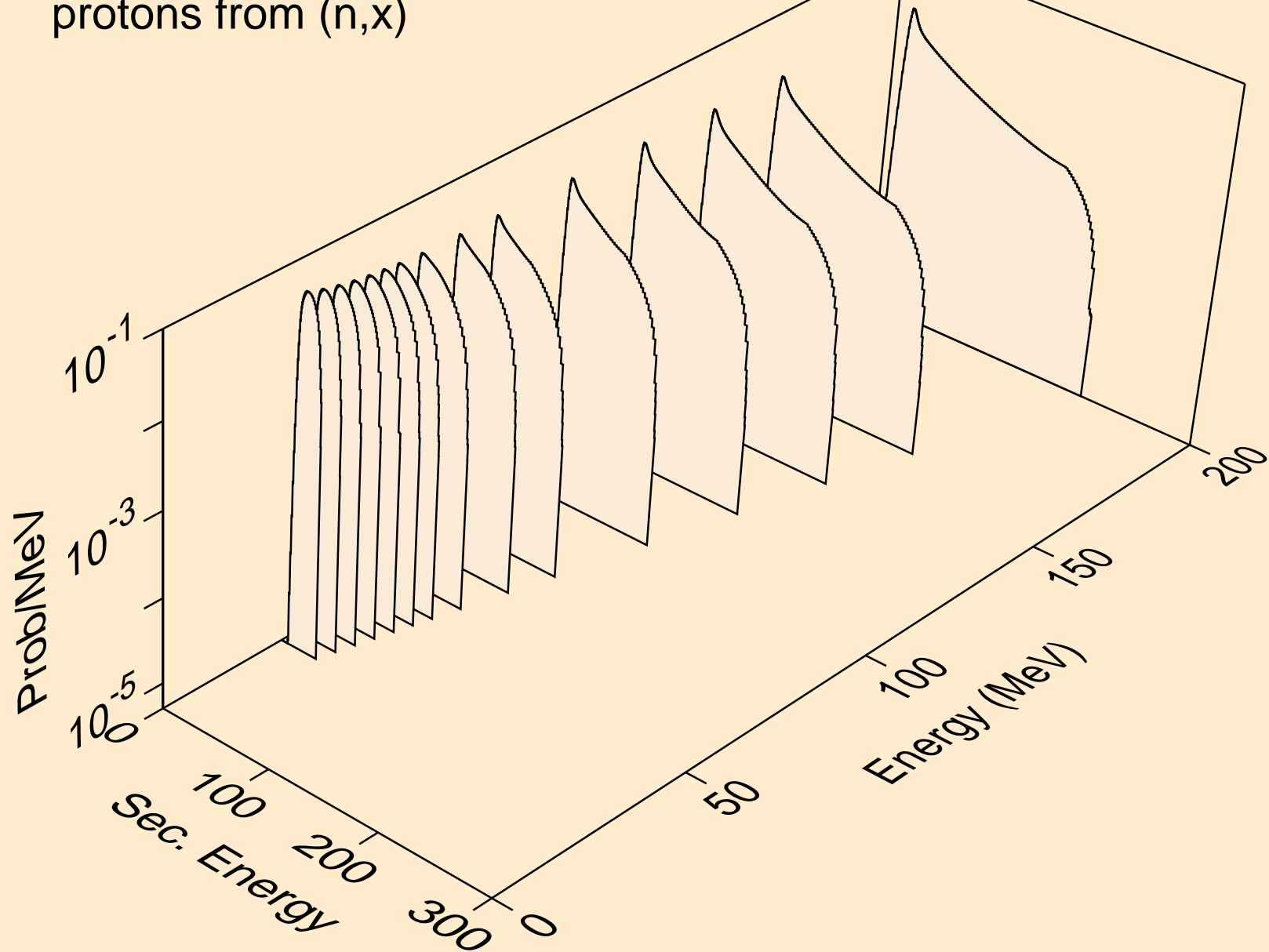


# FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

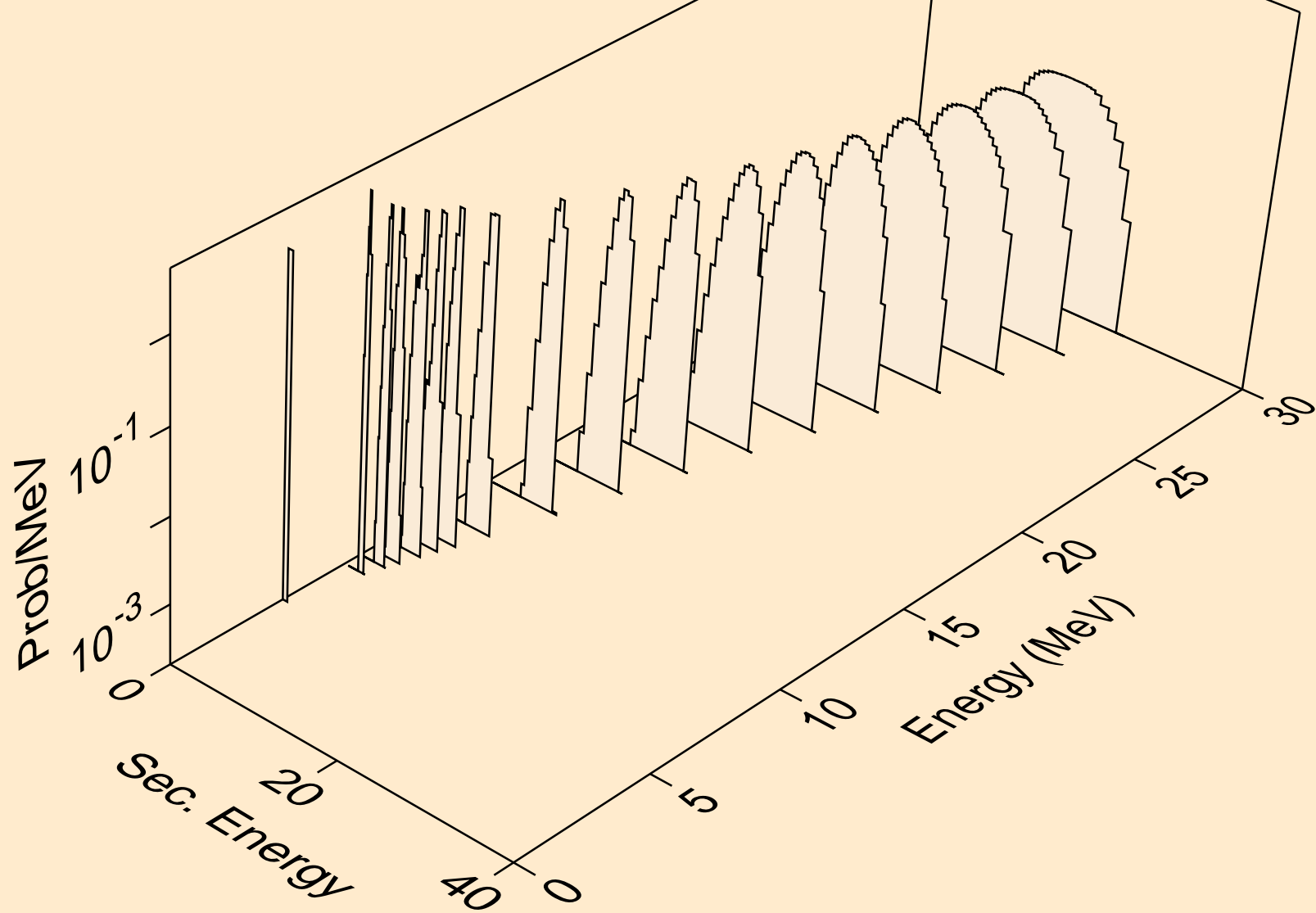


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

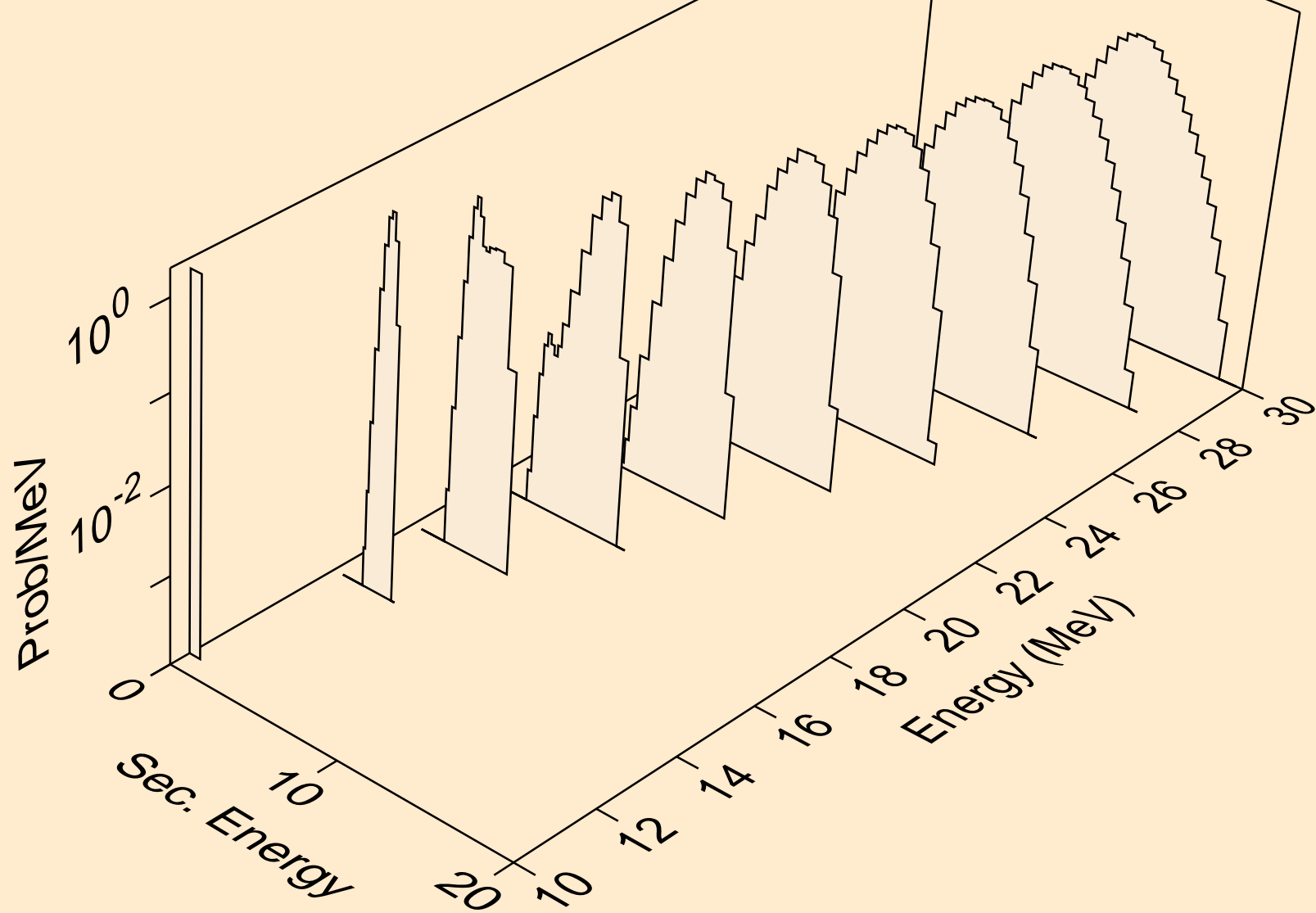




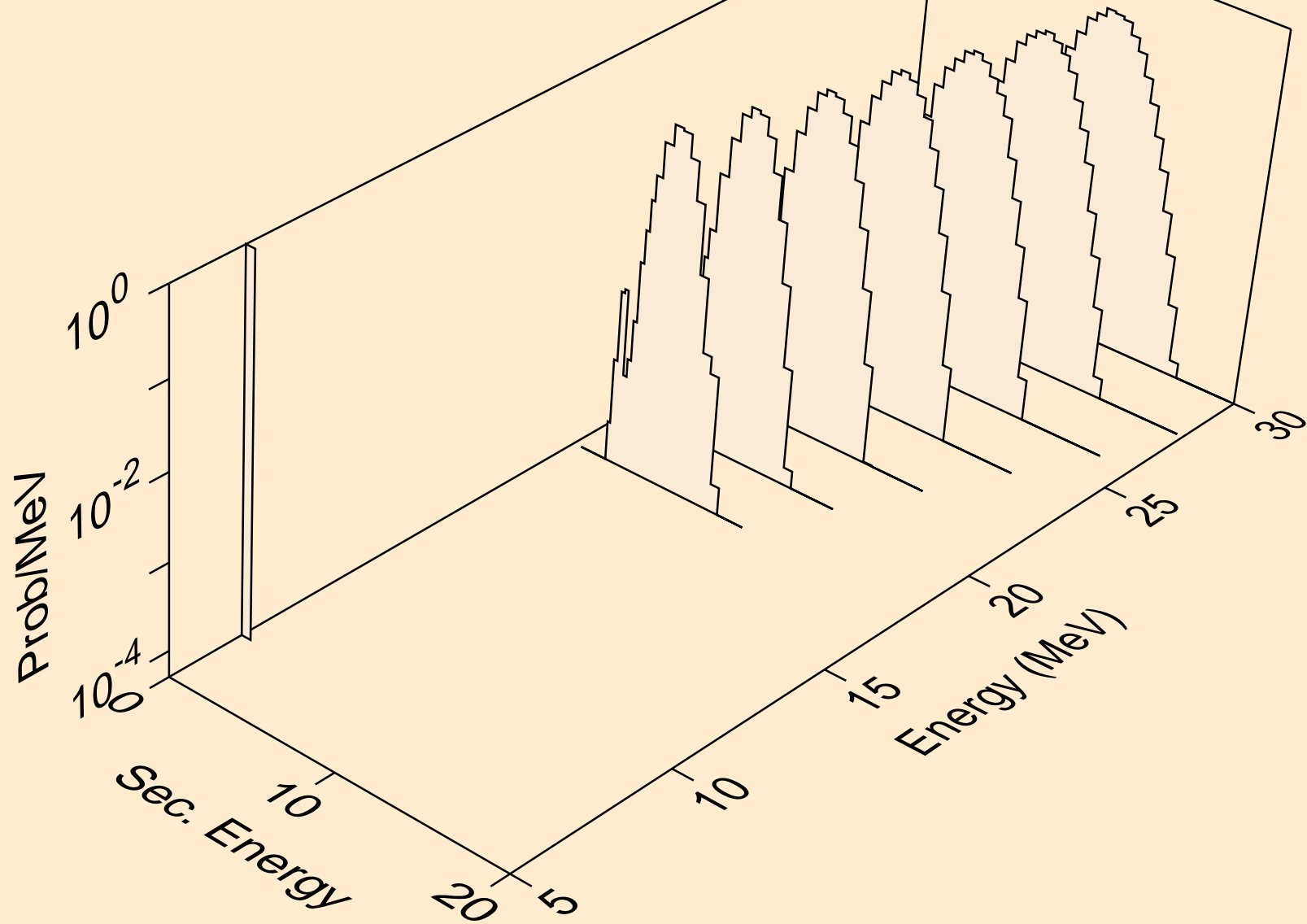
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



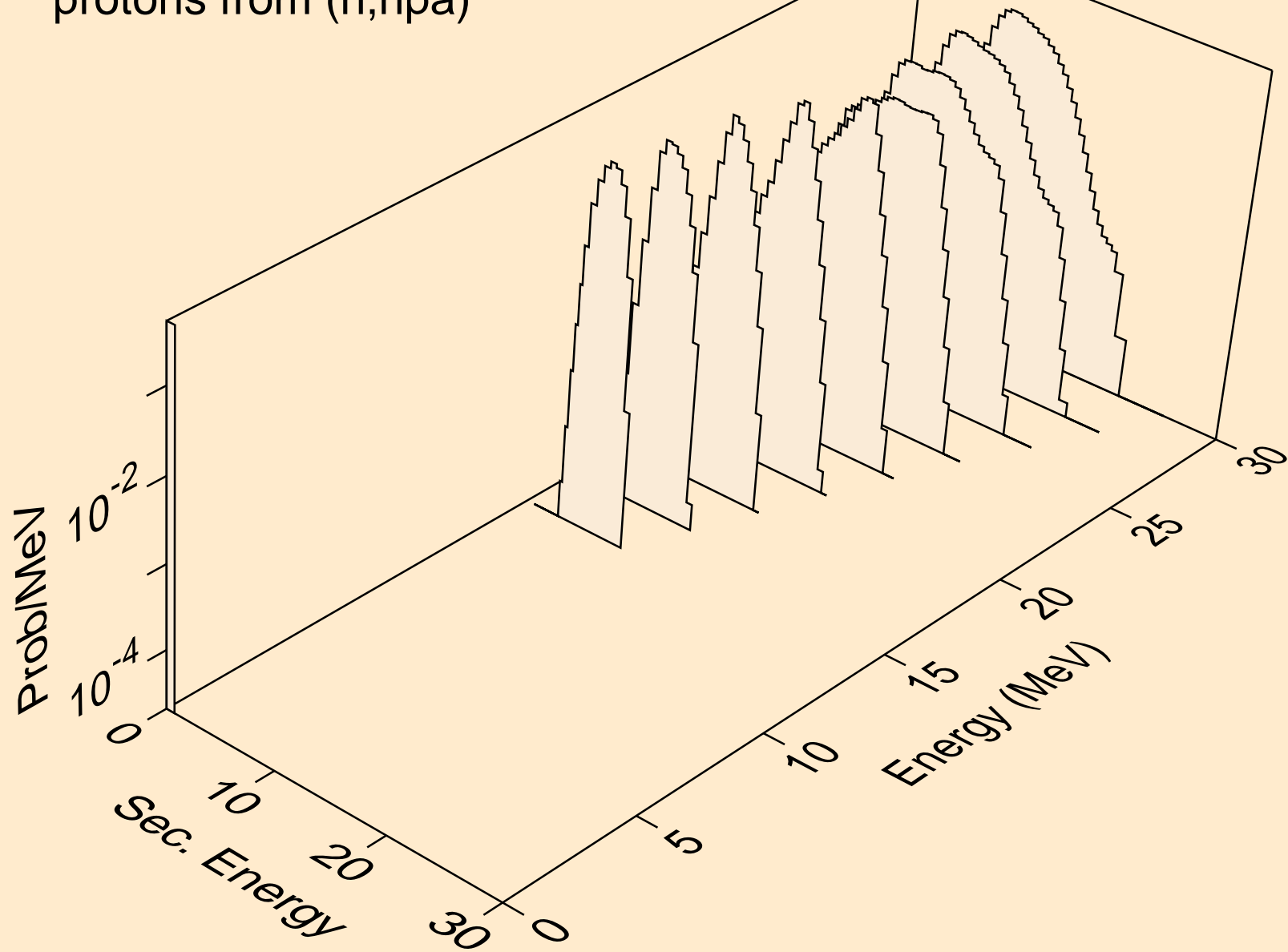
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



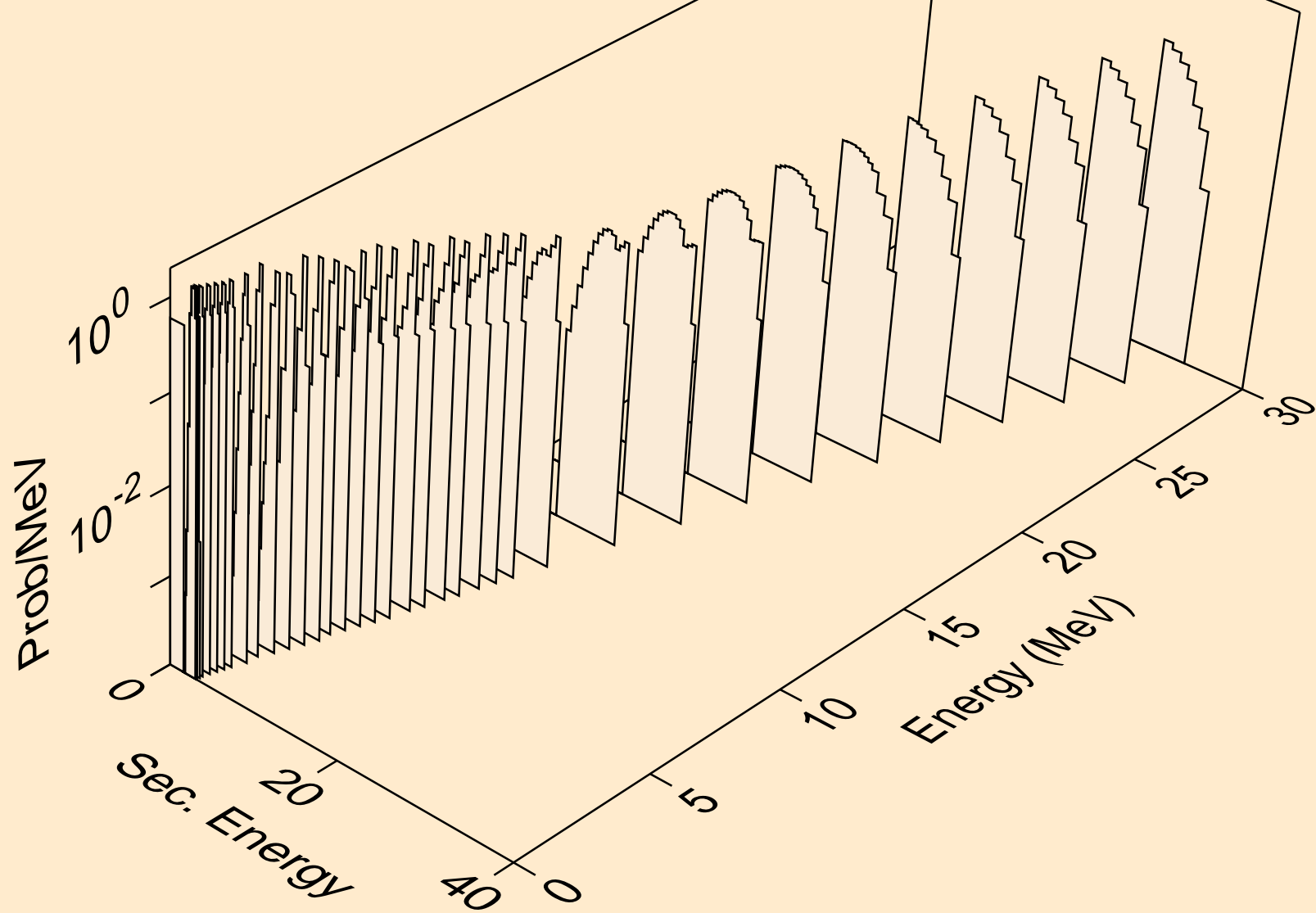
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



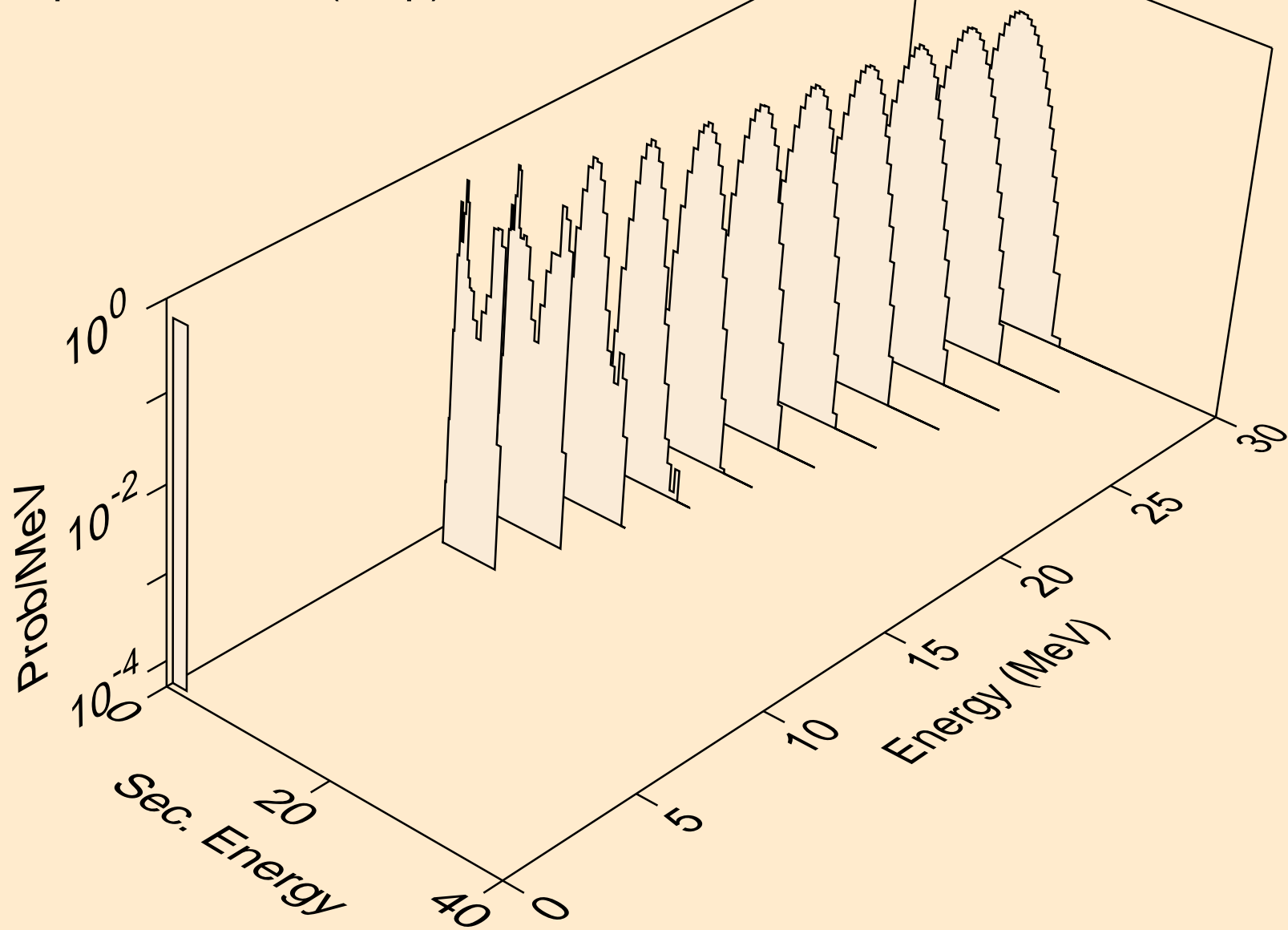
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



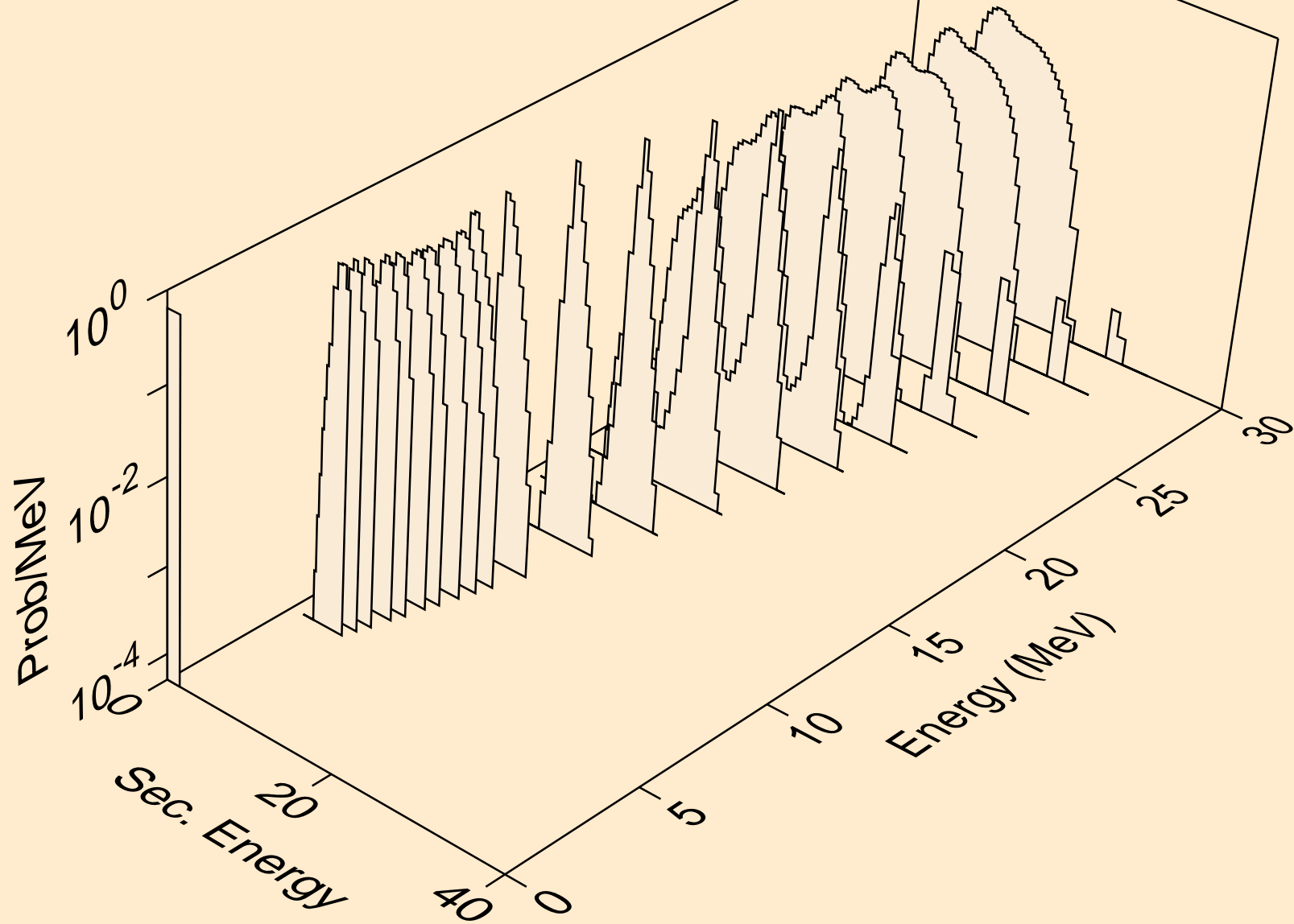
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



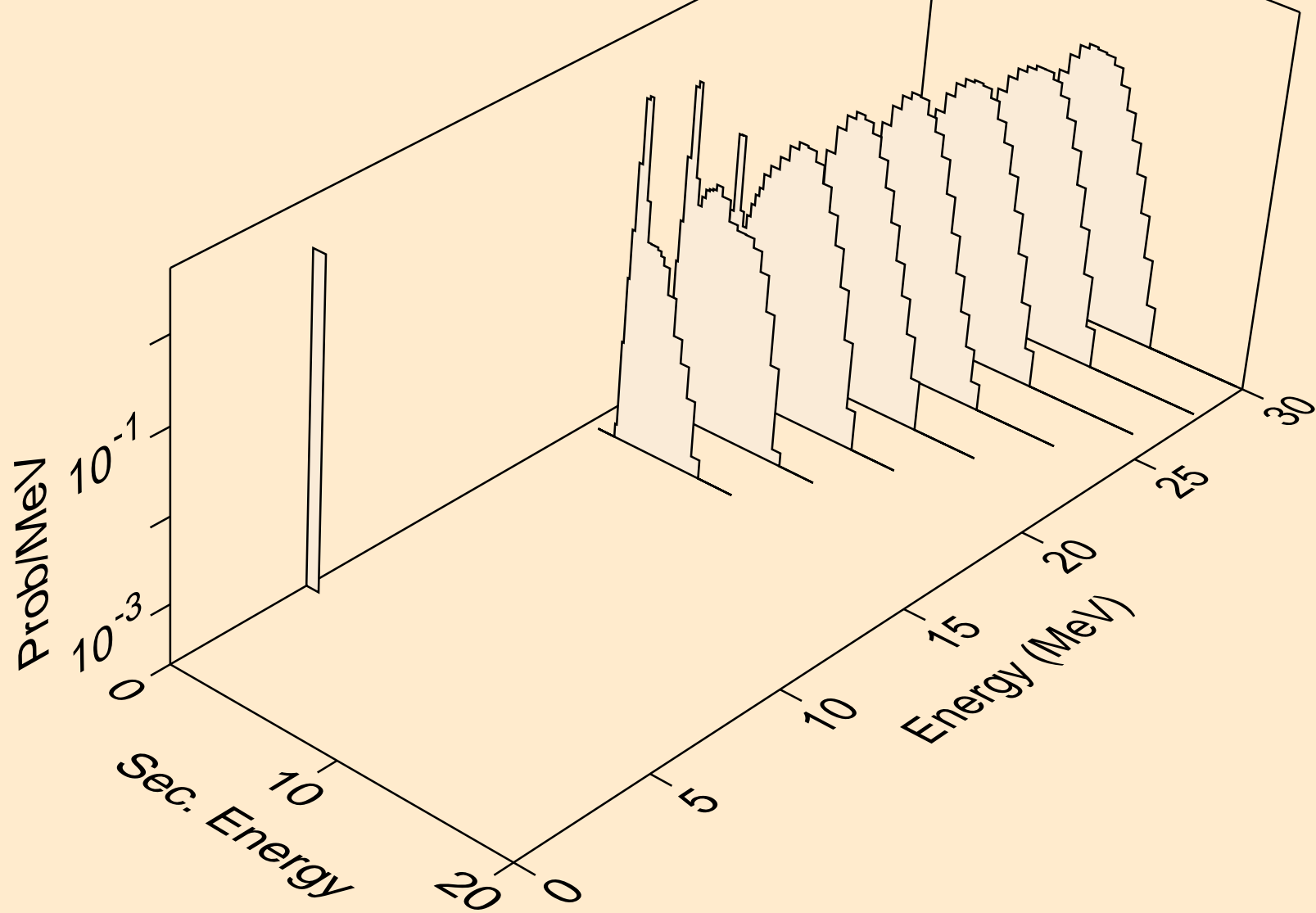
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

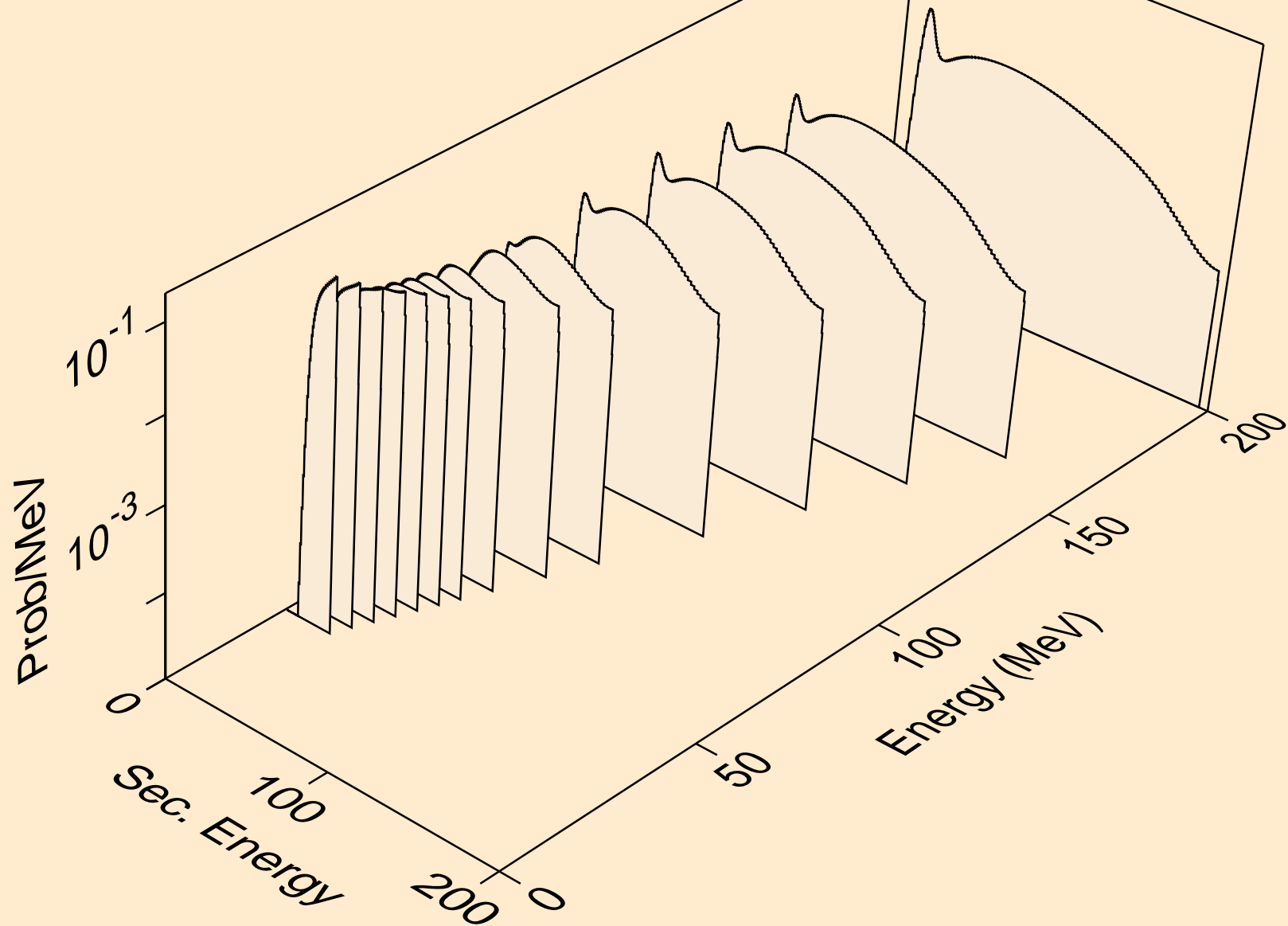


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)

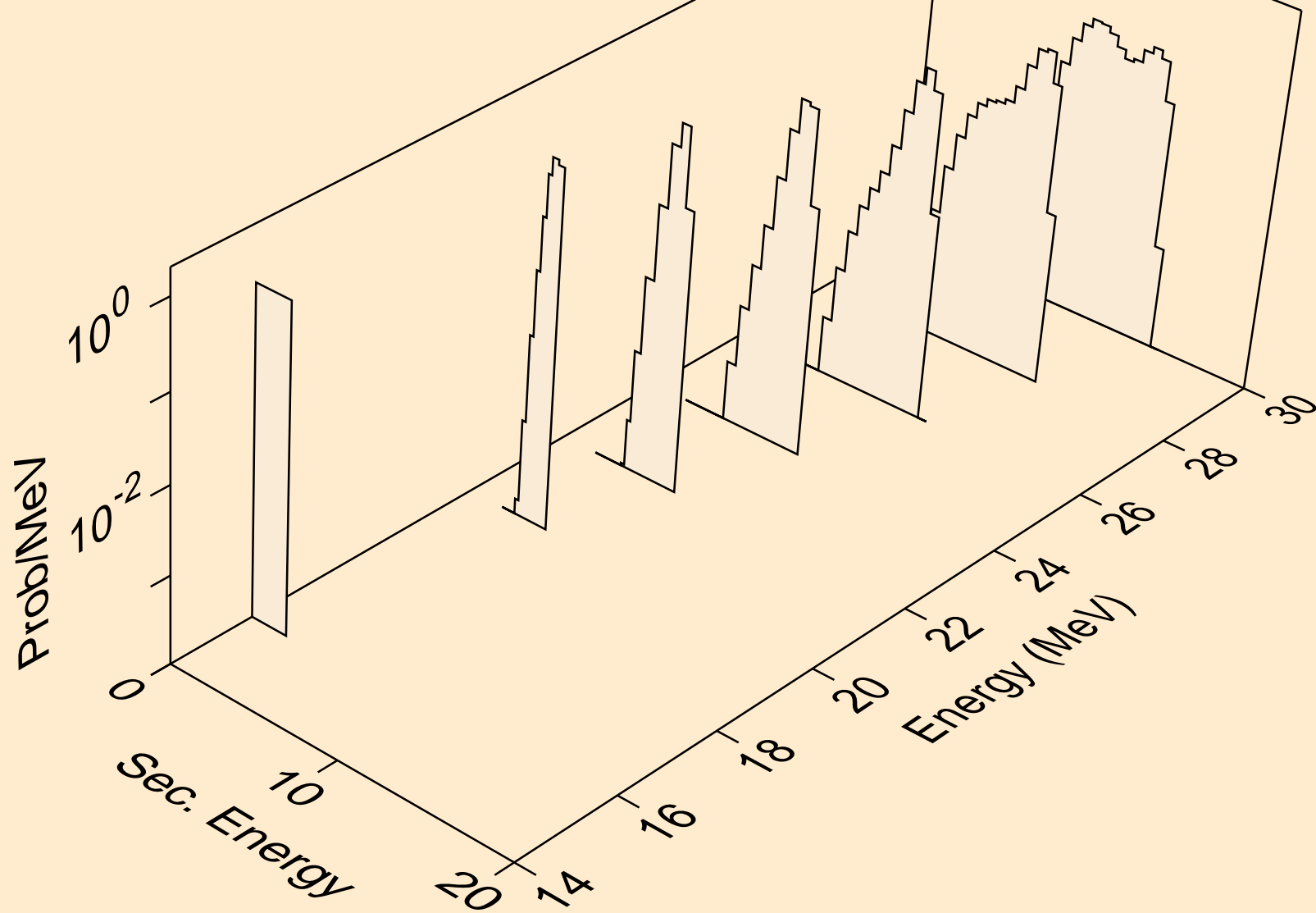




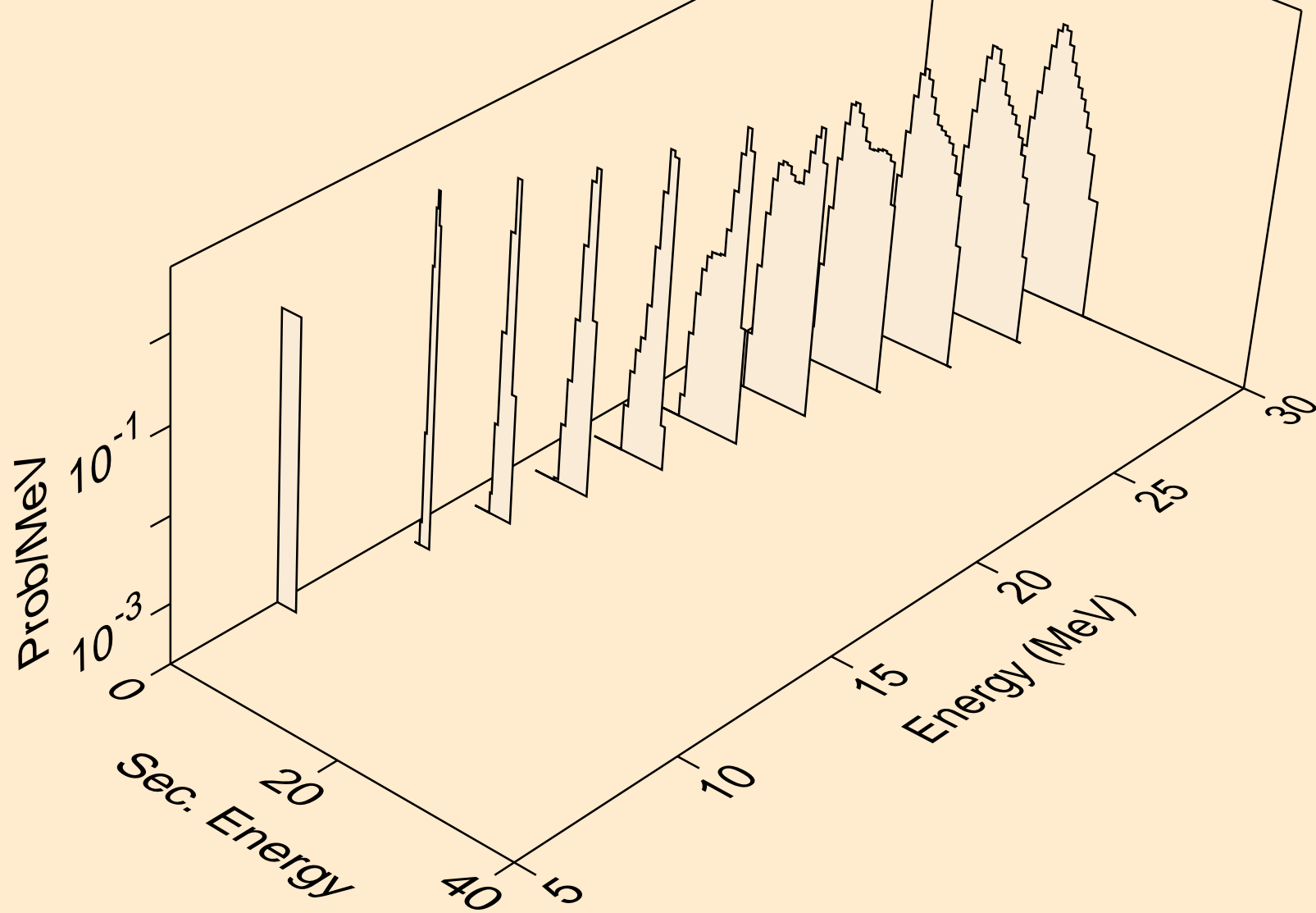
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



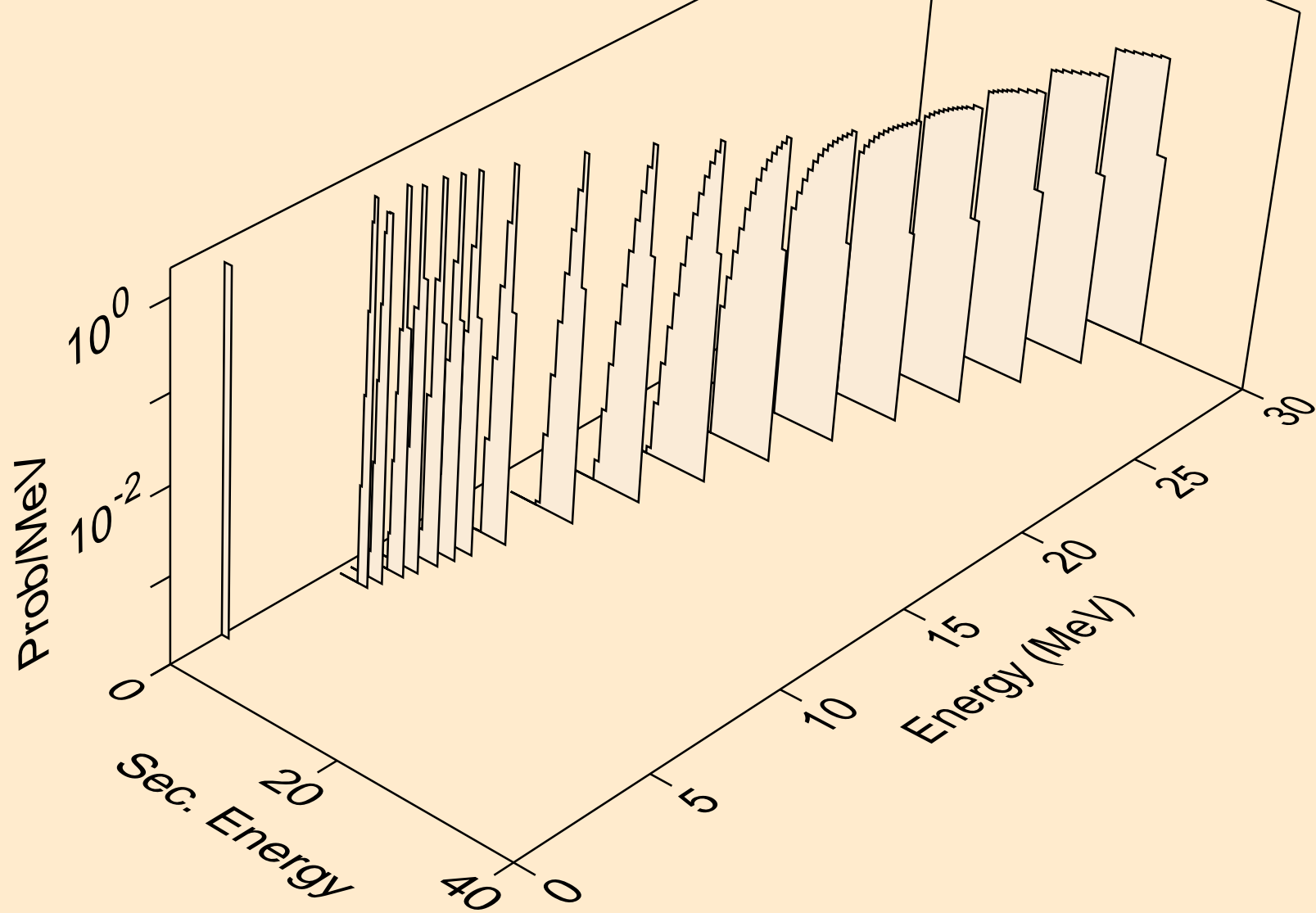
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



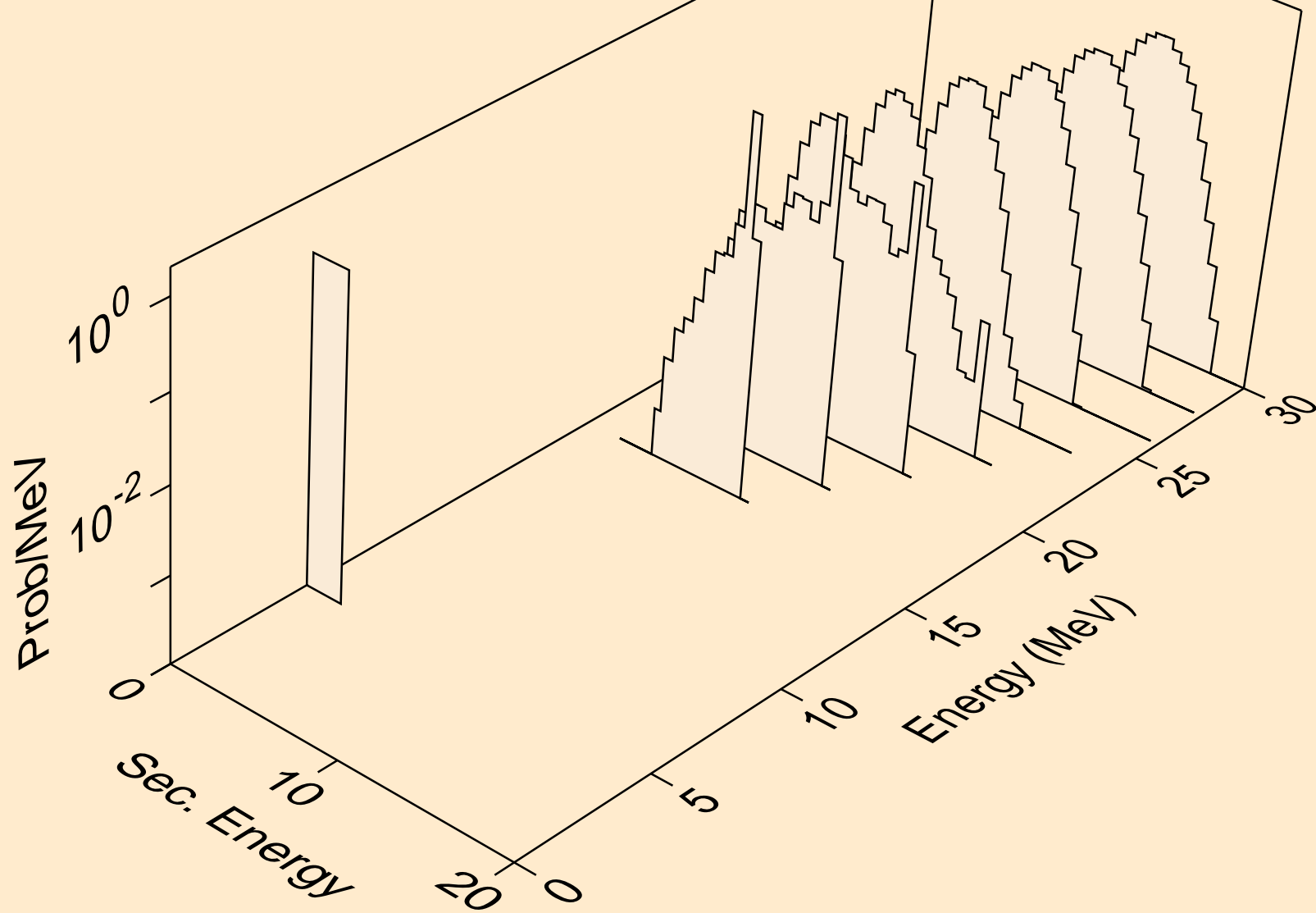
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



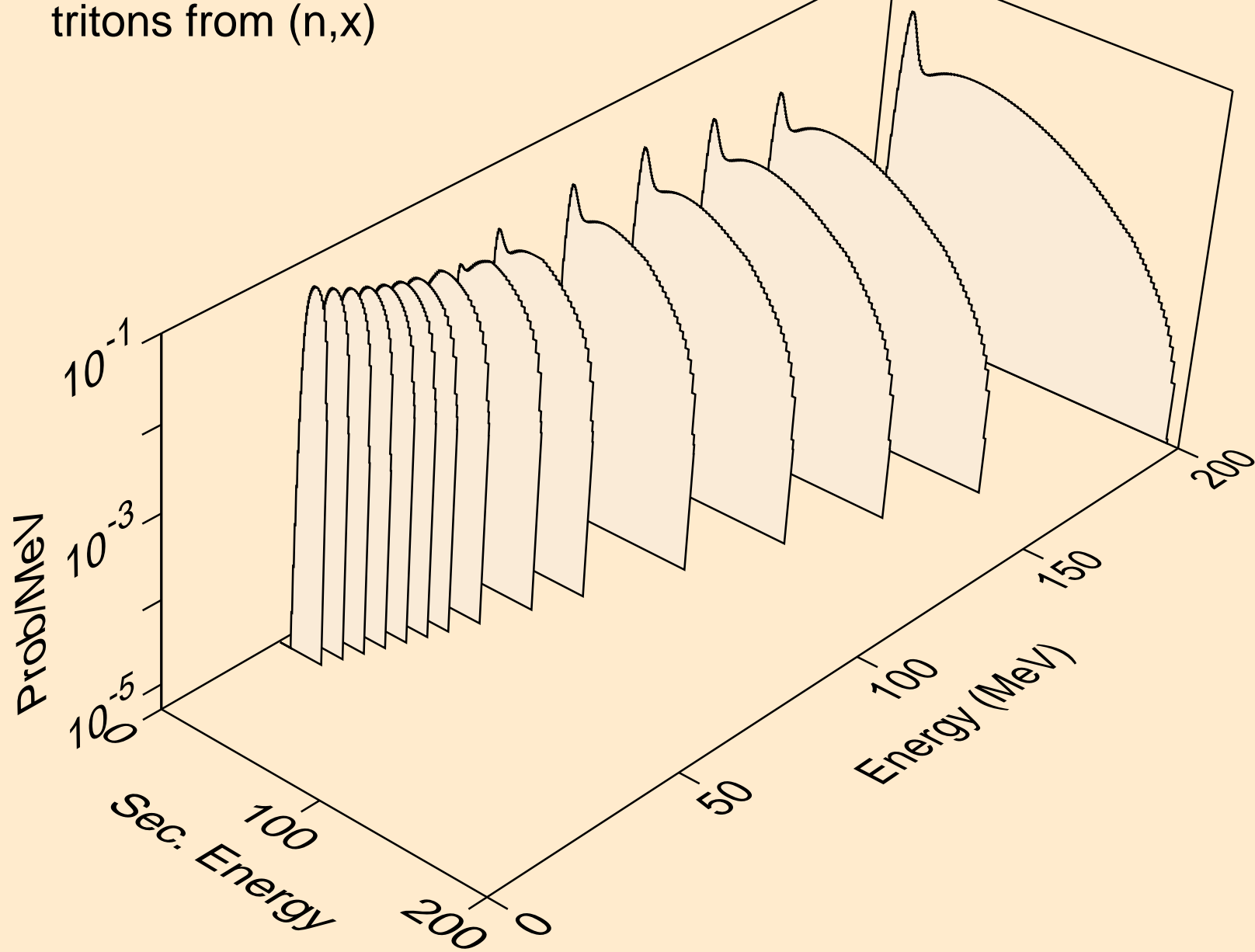
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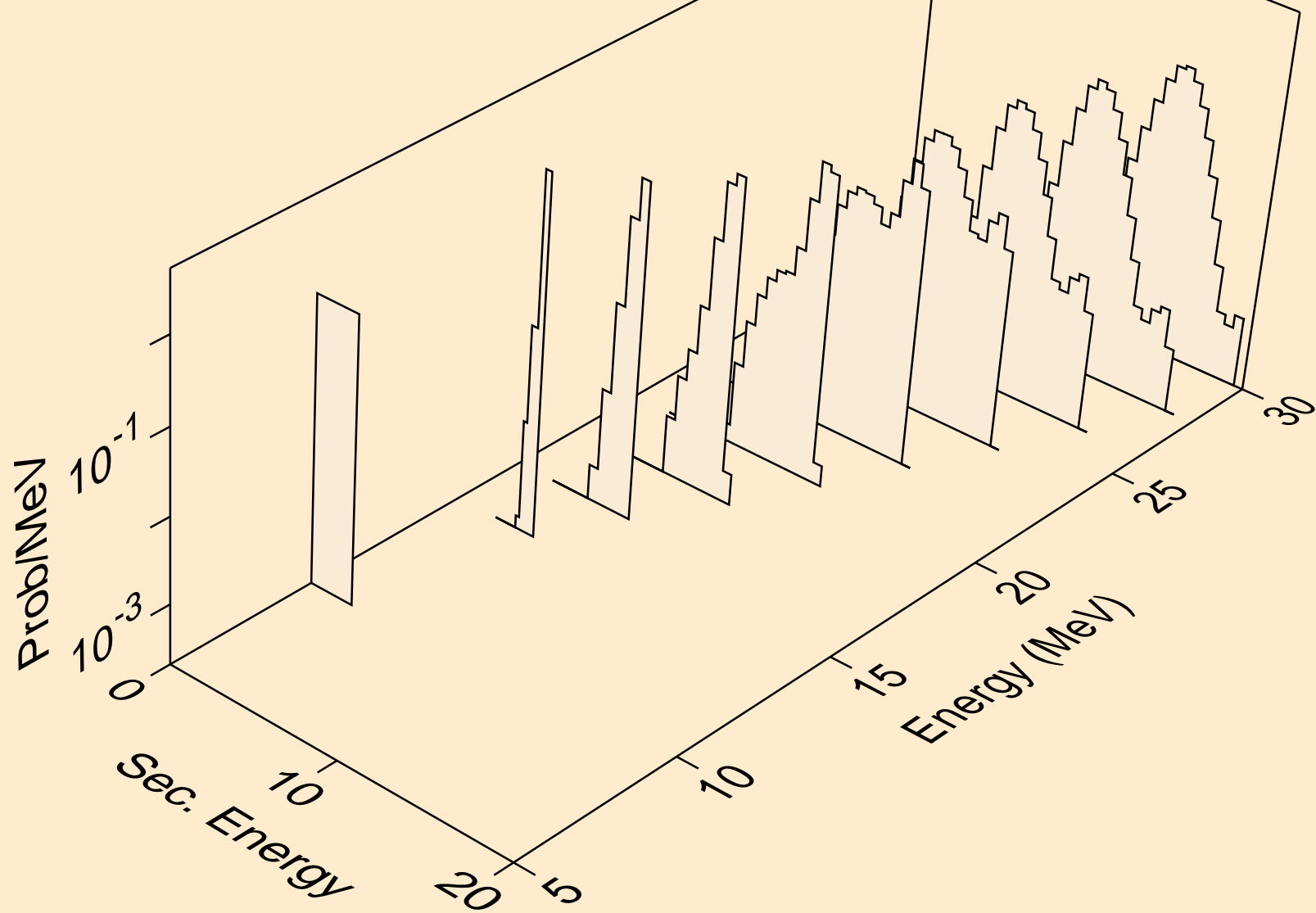
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



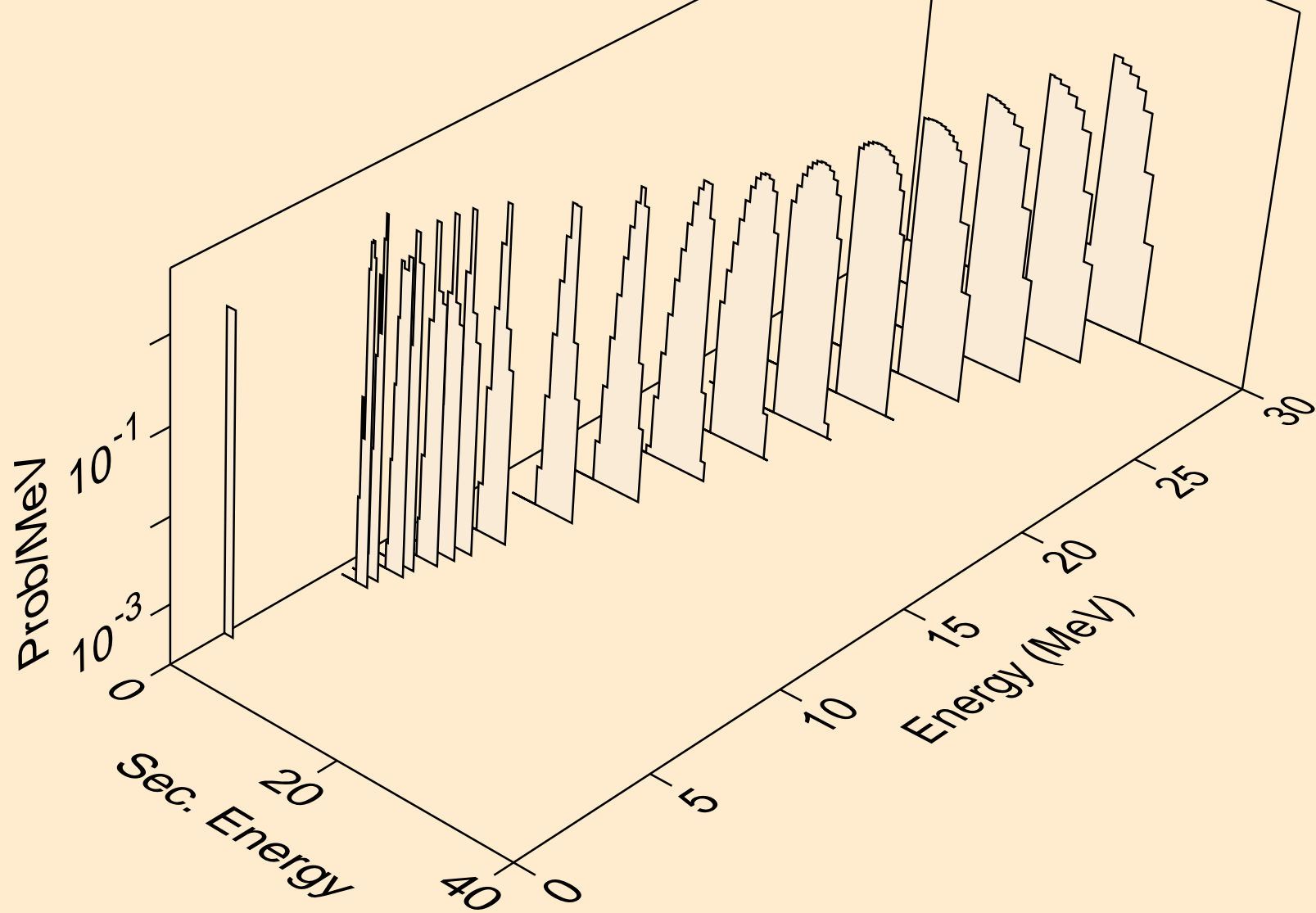
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

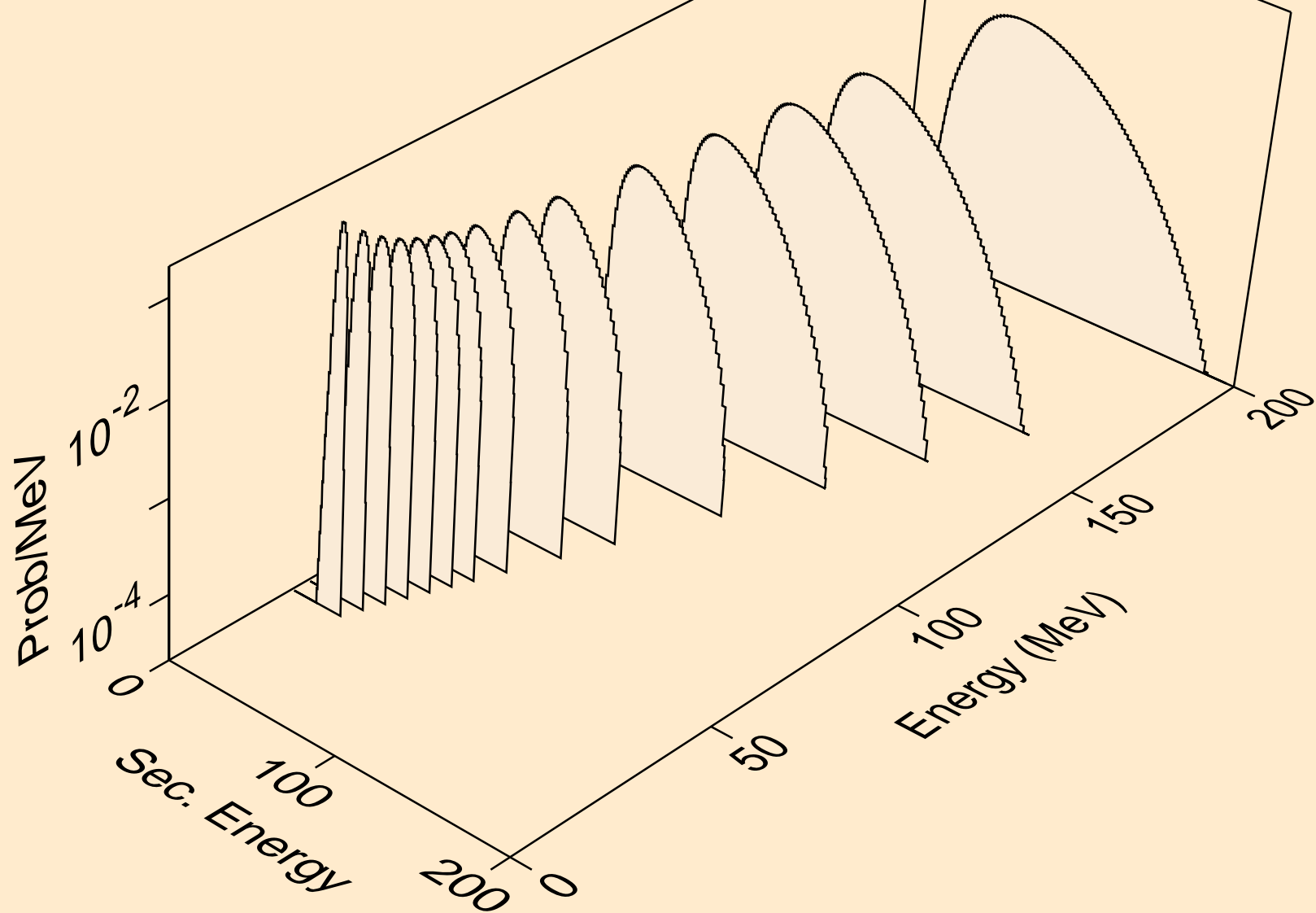


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

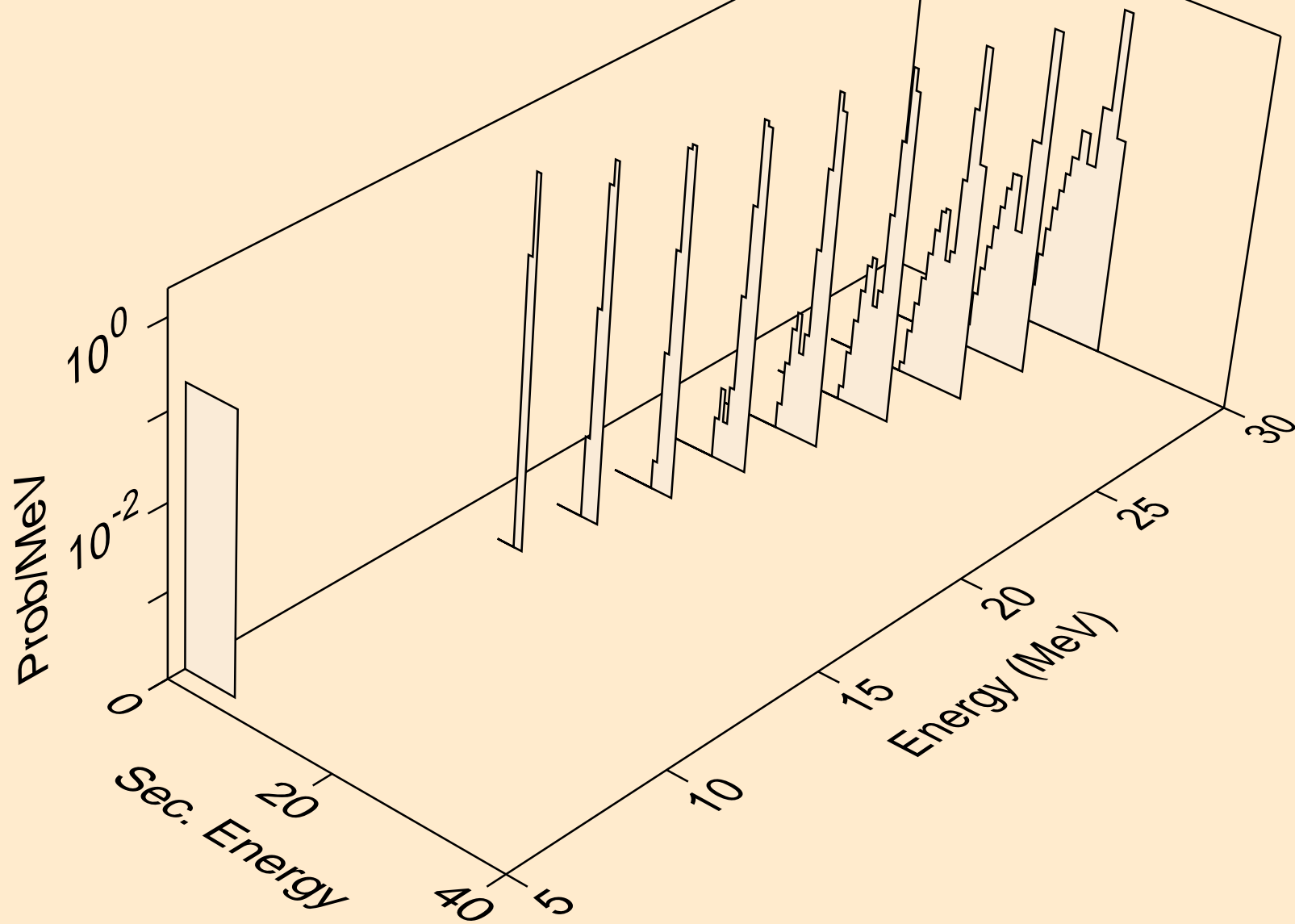




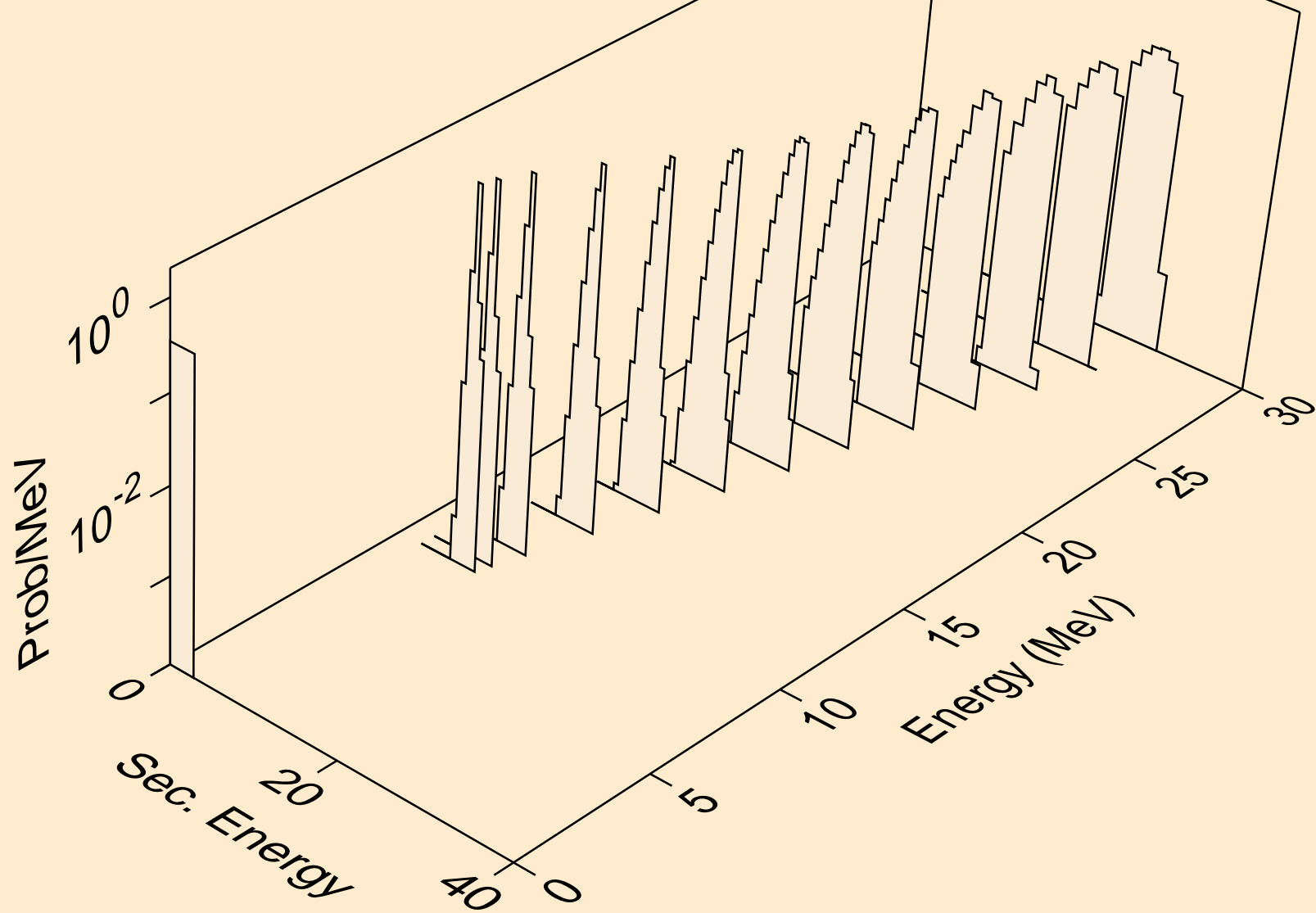
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



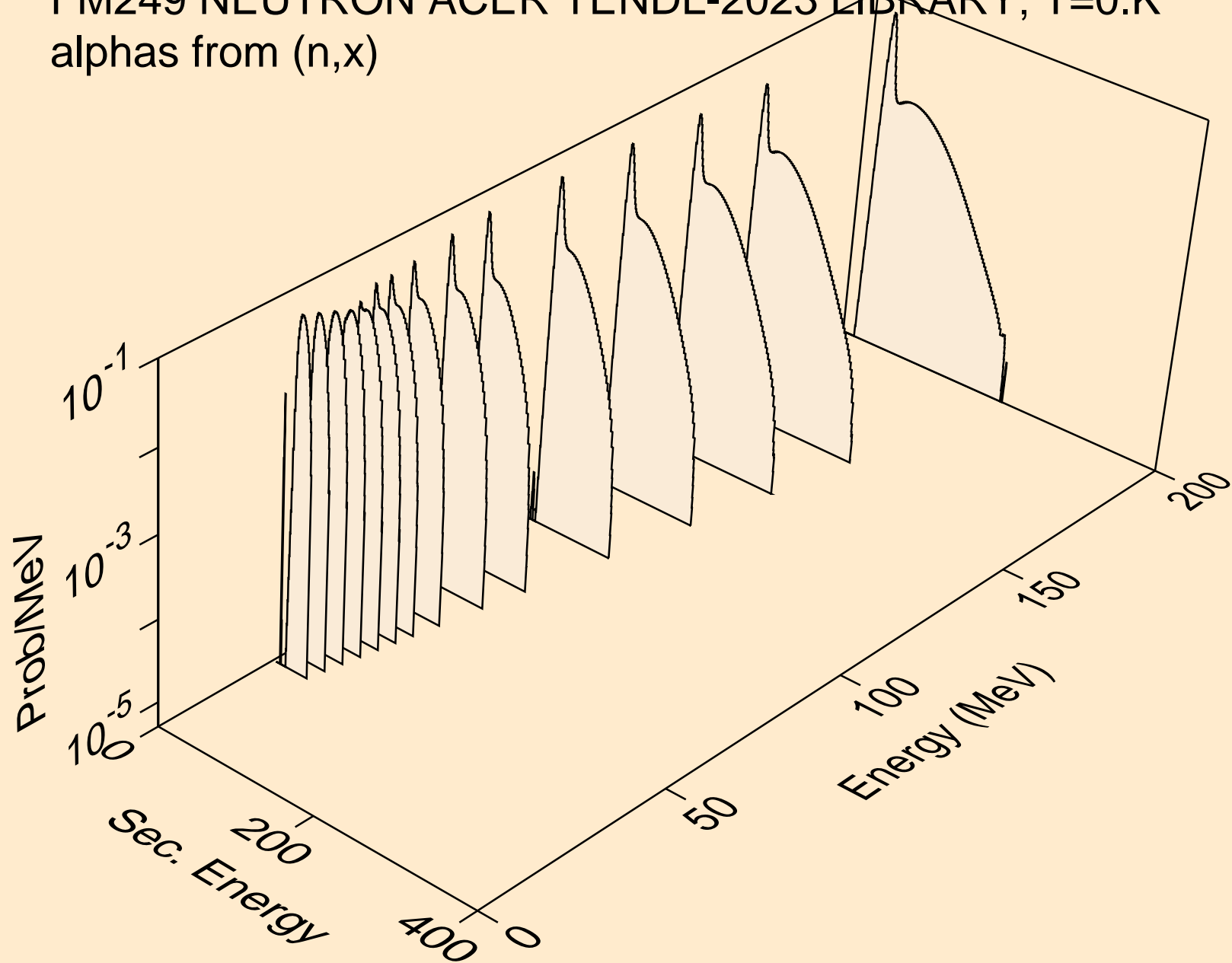
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



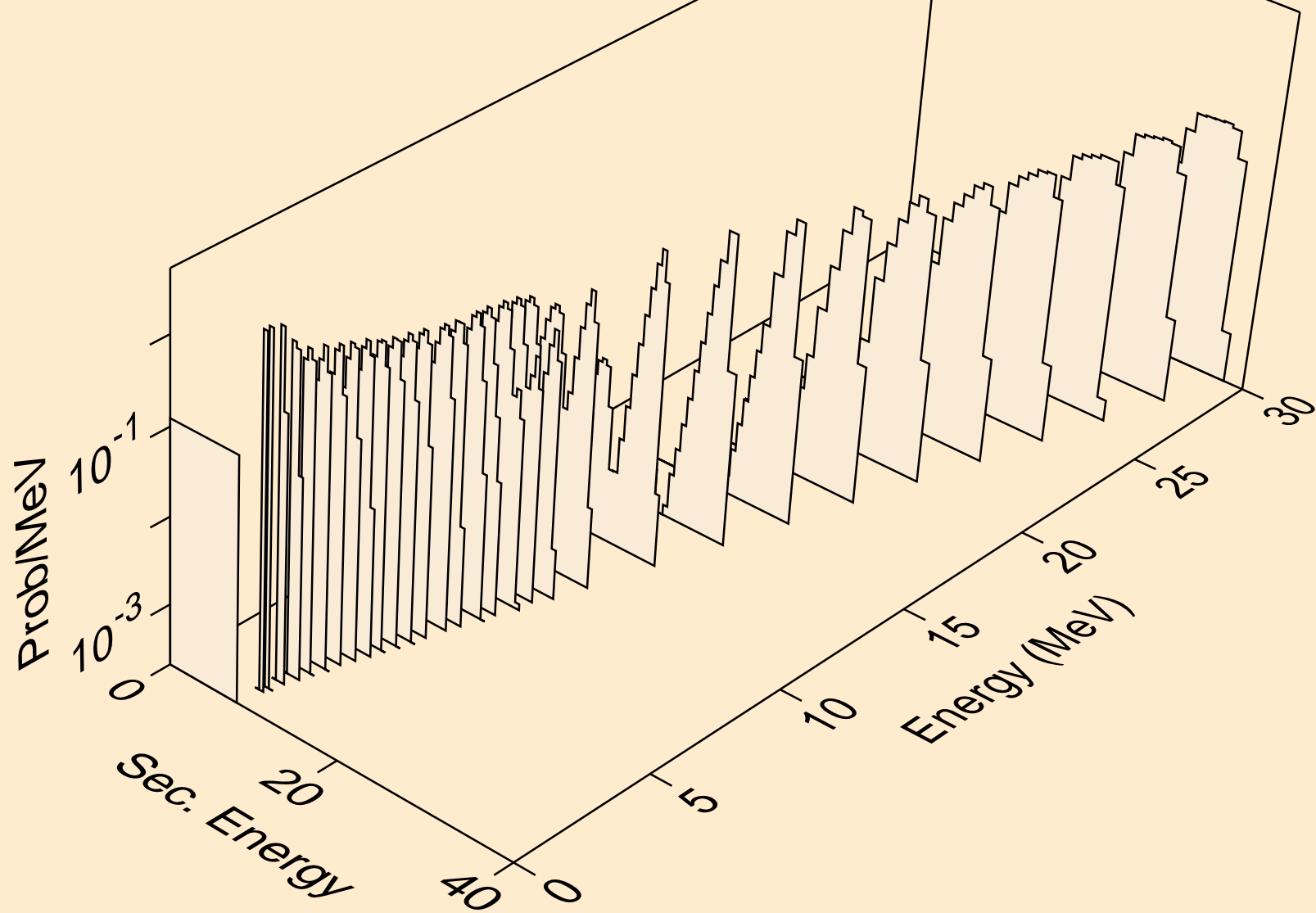
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



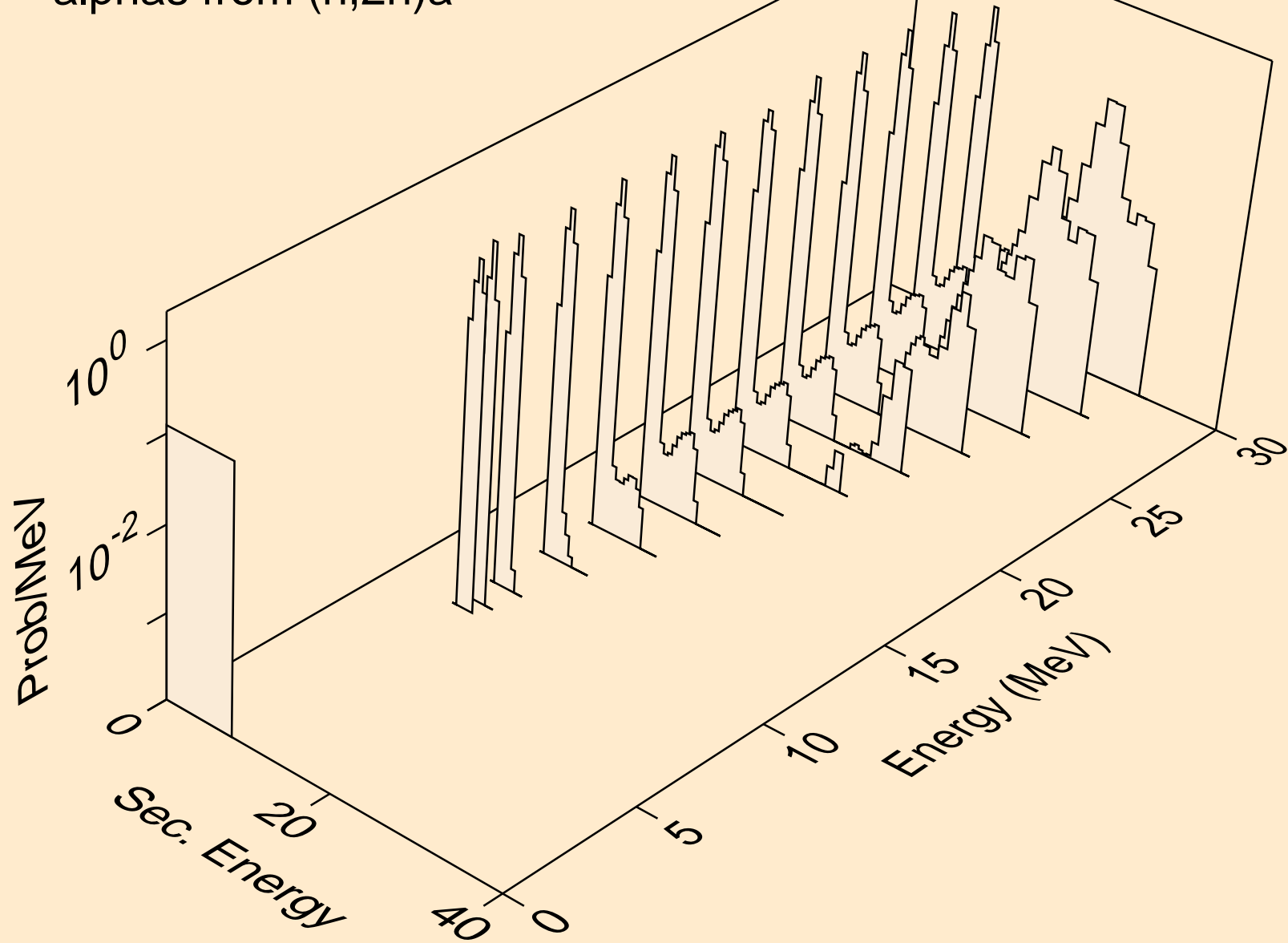
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



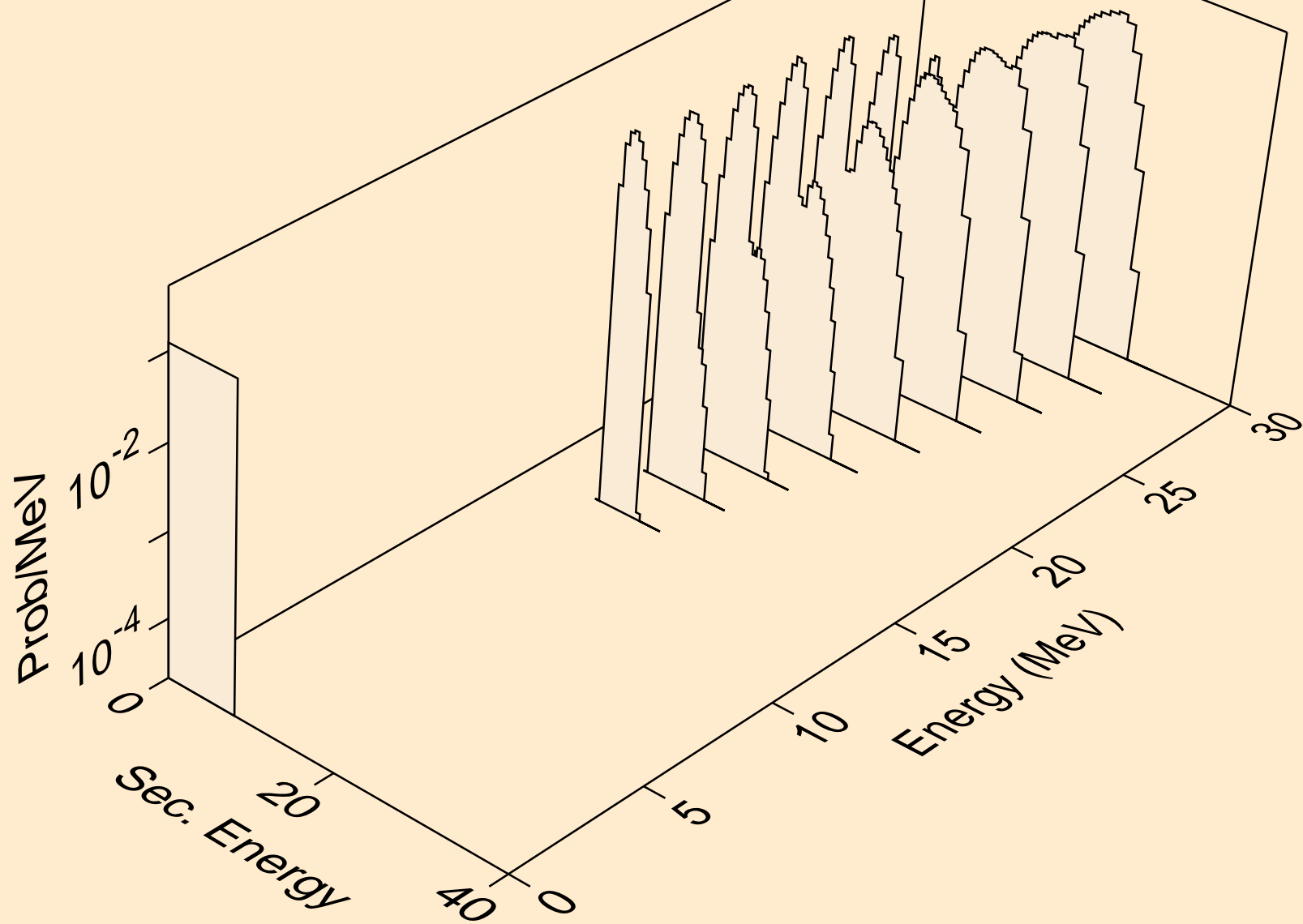
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



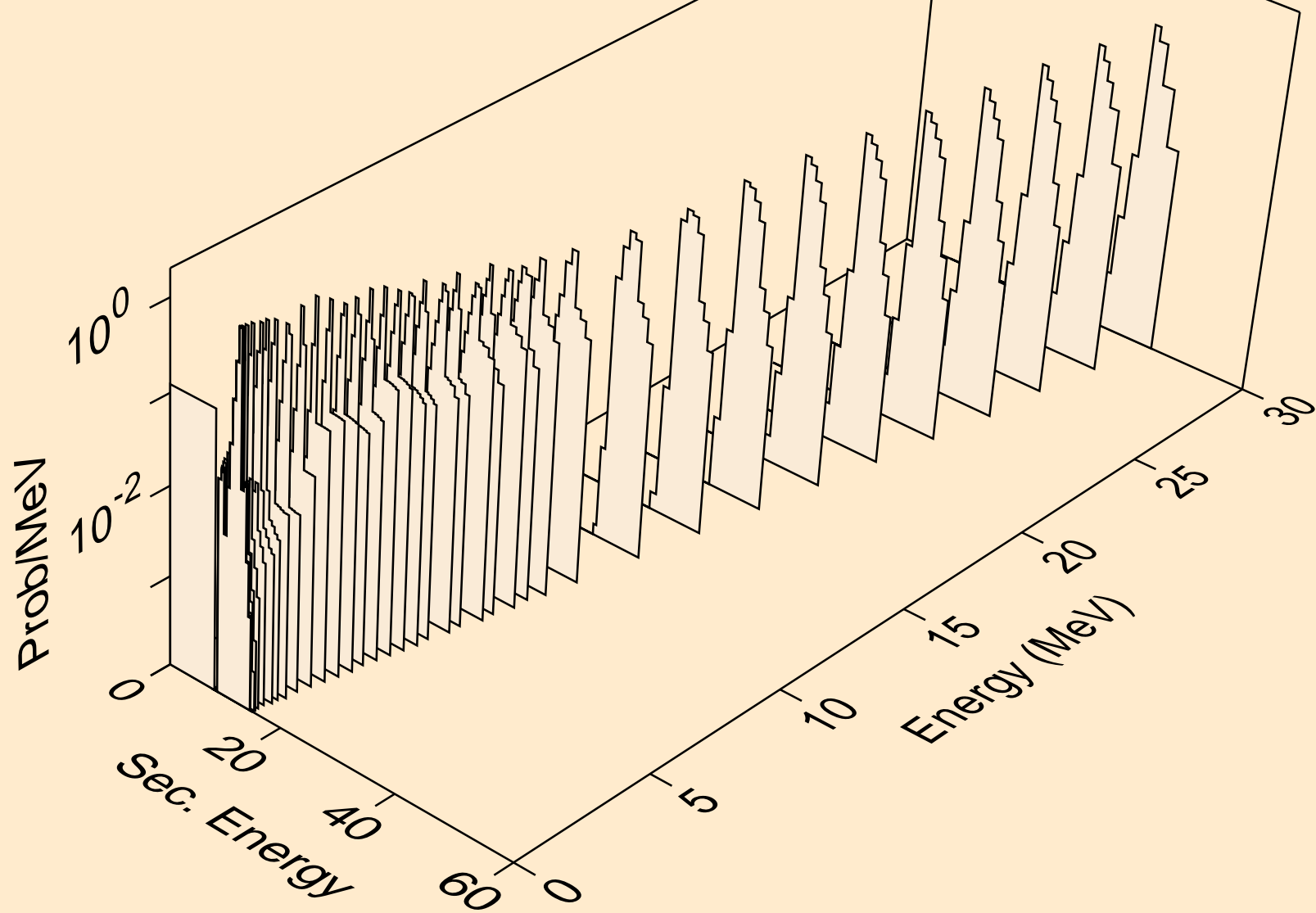
FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

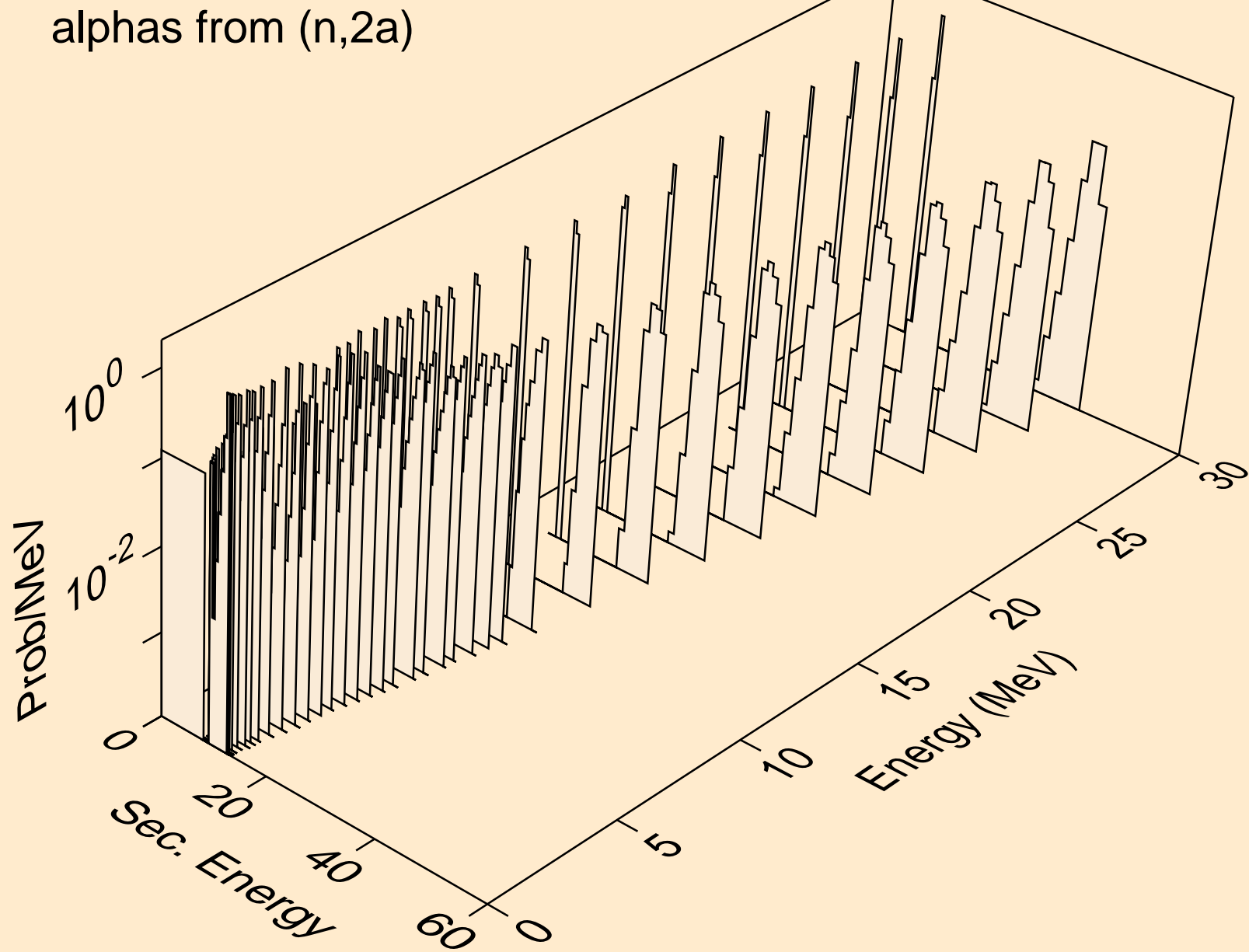


FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)





FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



FM249 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,p)

