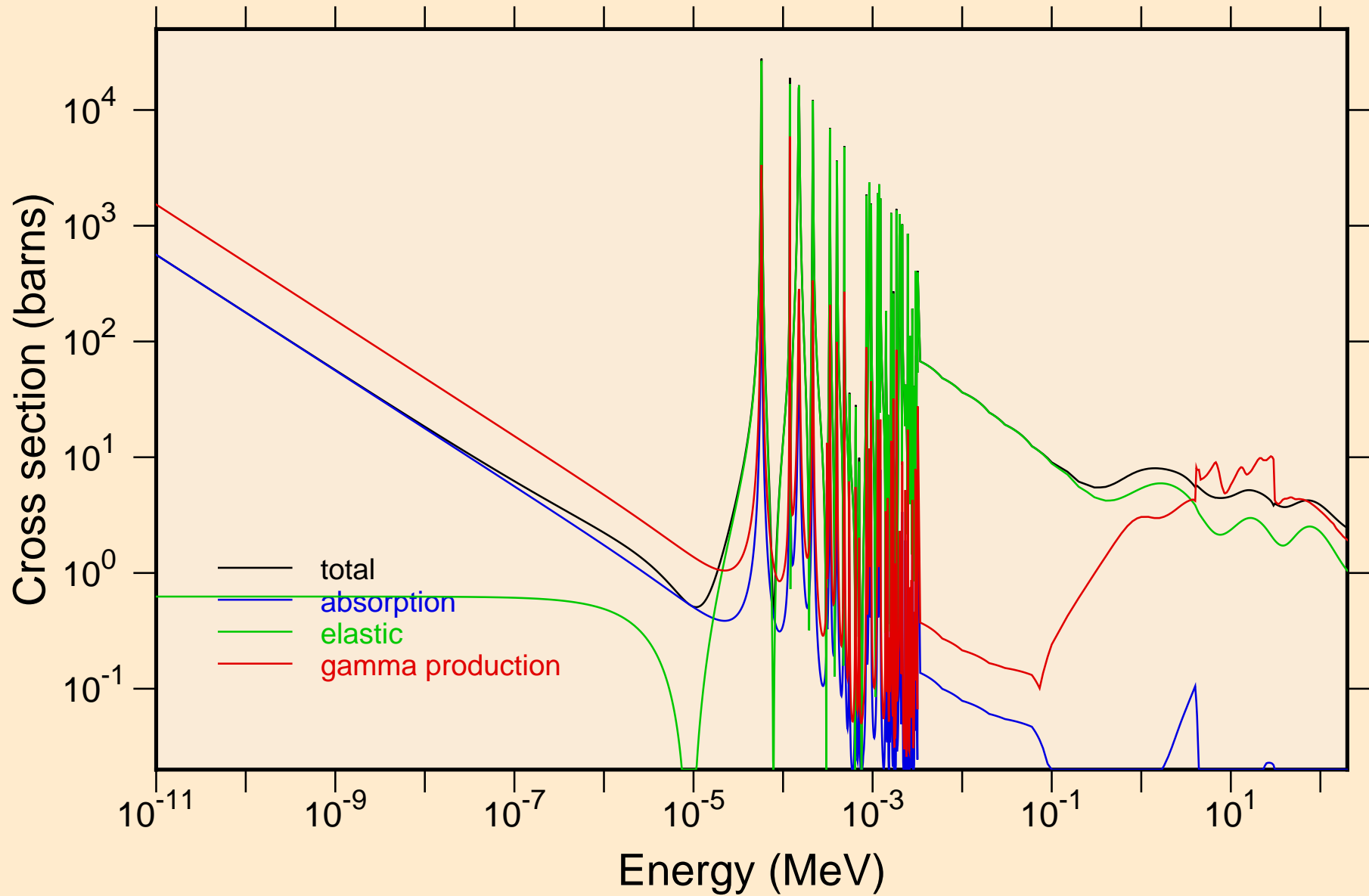
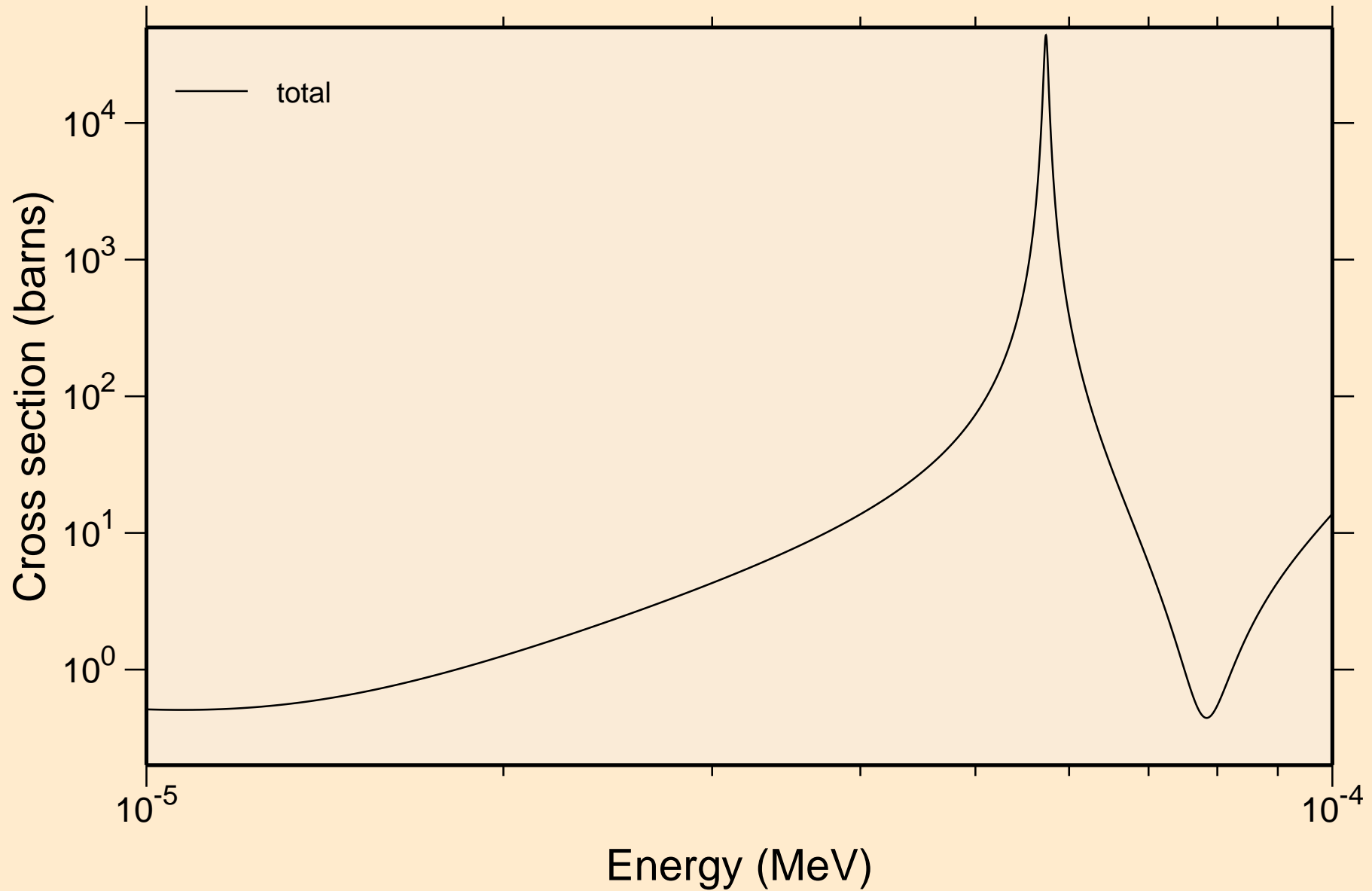


# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

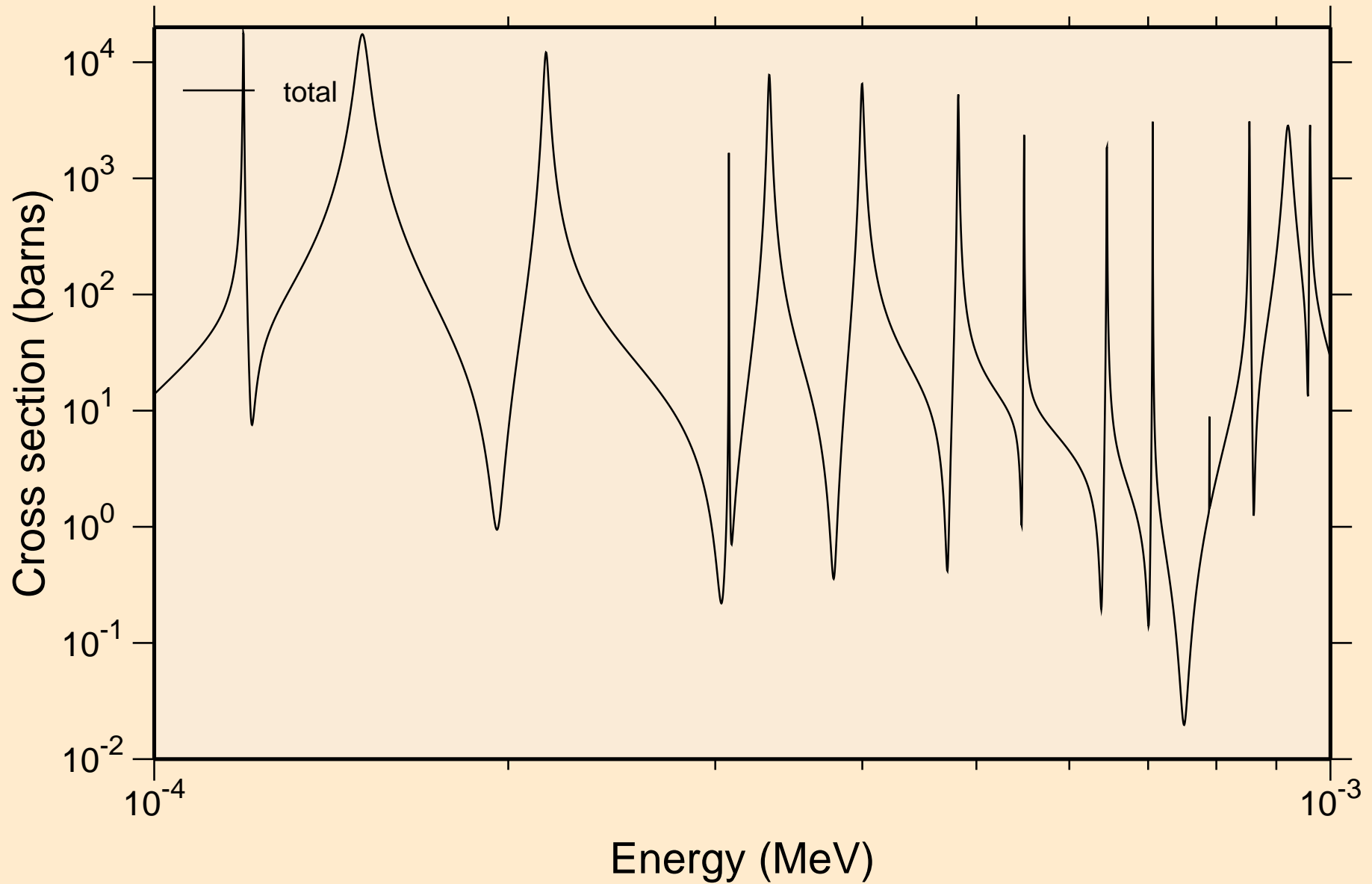
## Principal cross sections



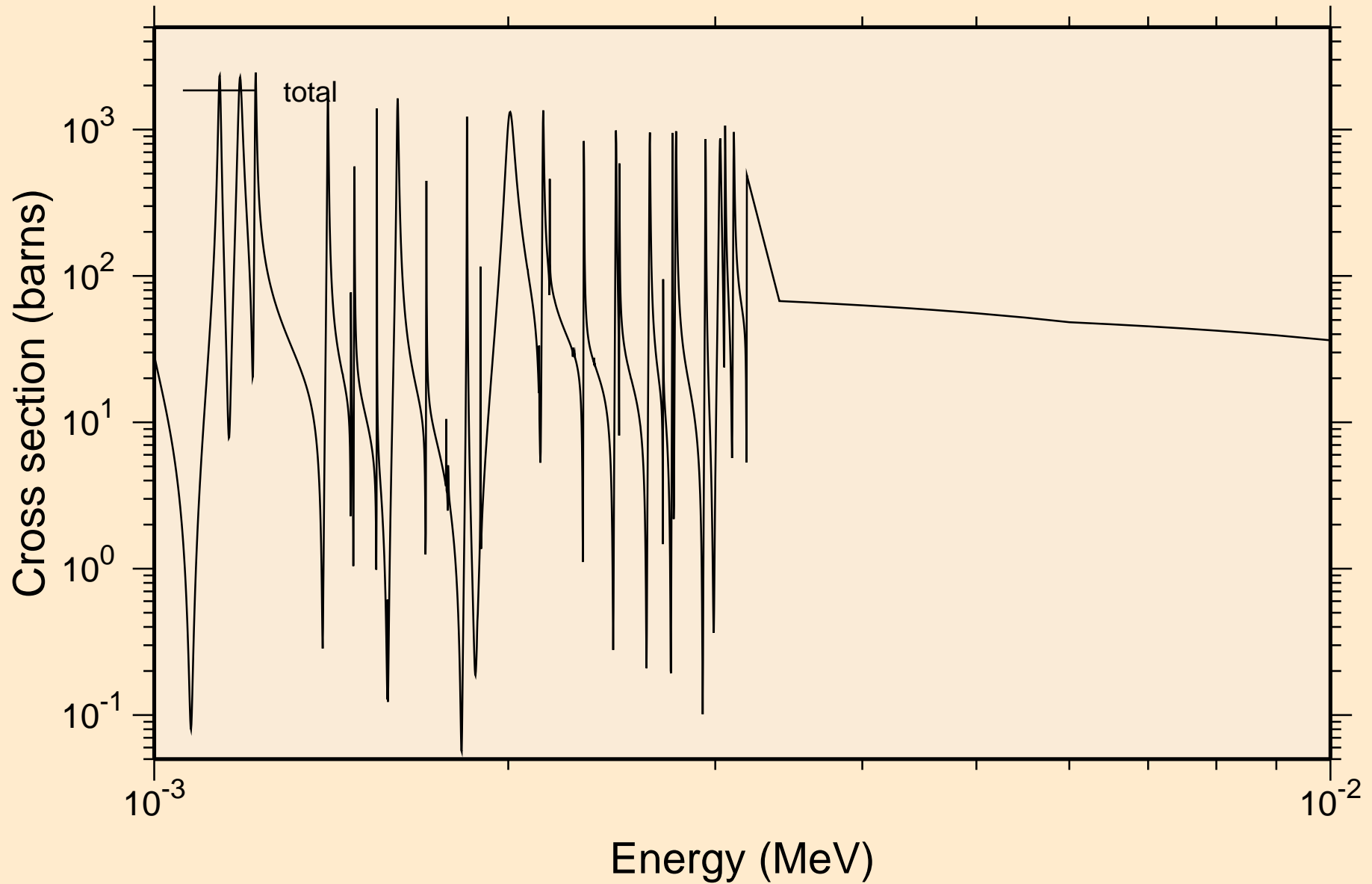
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



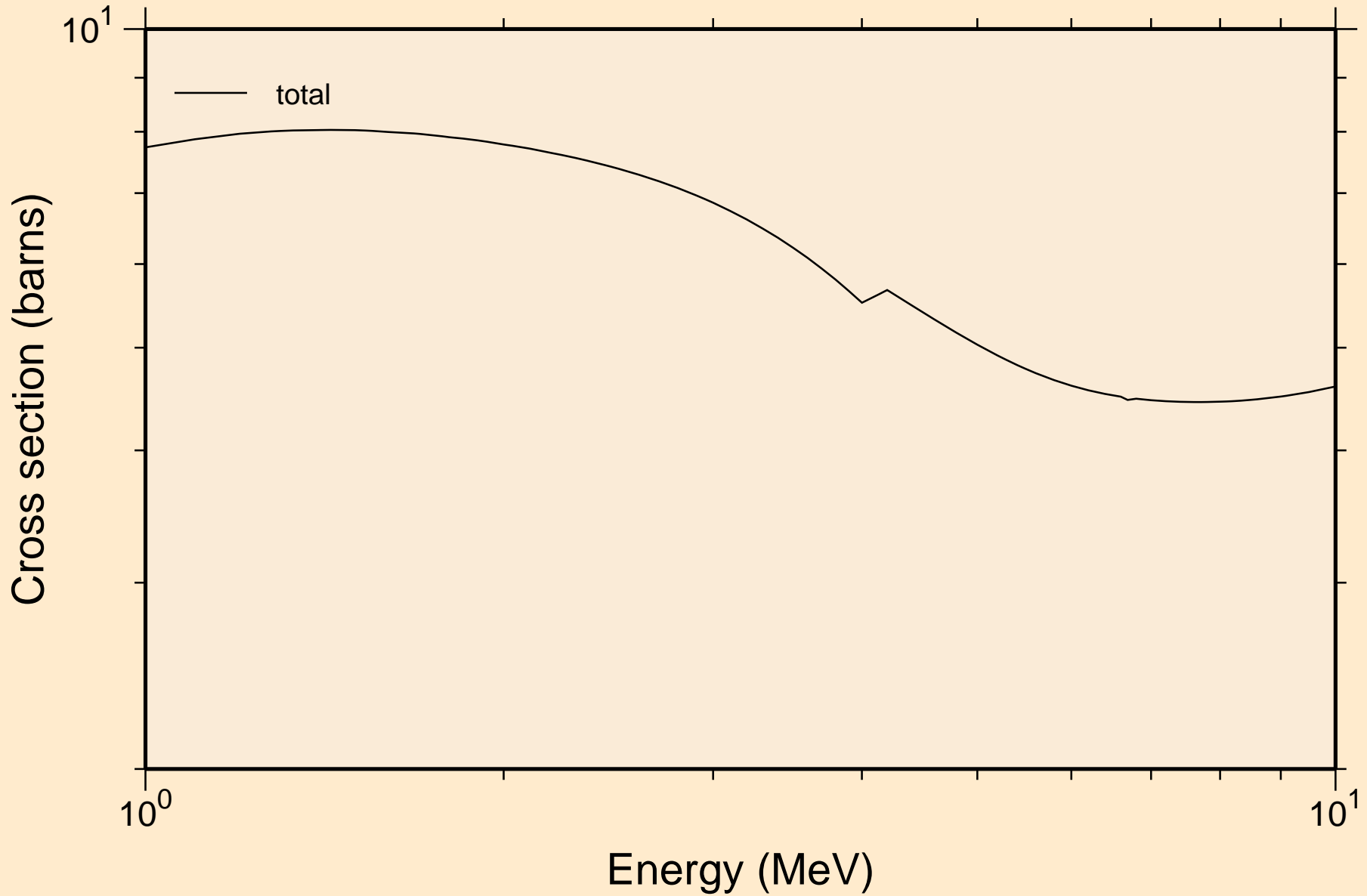
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



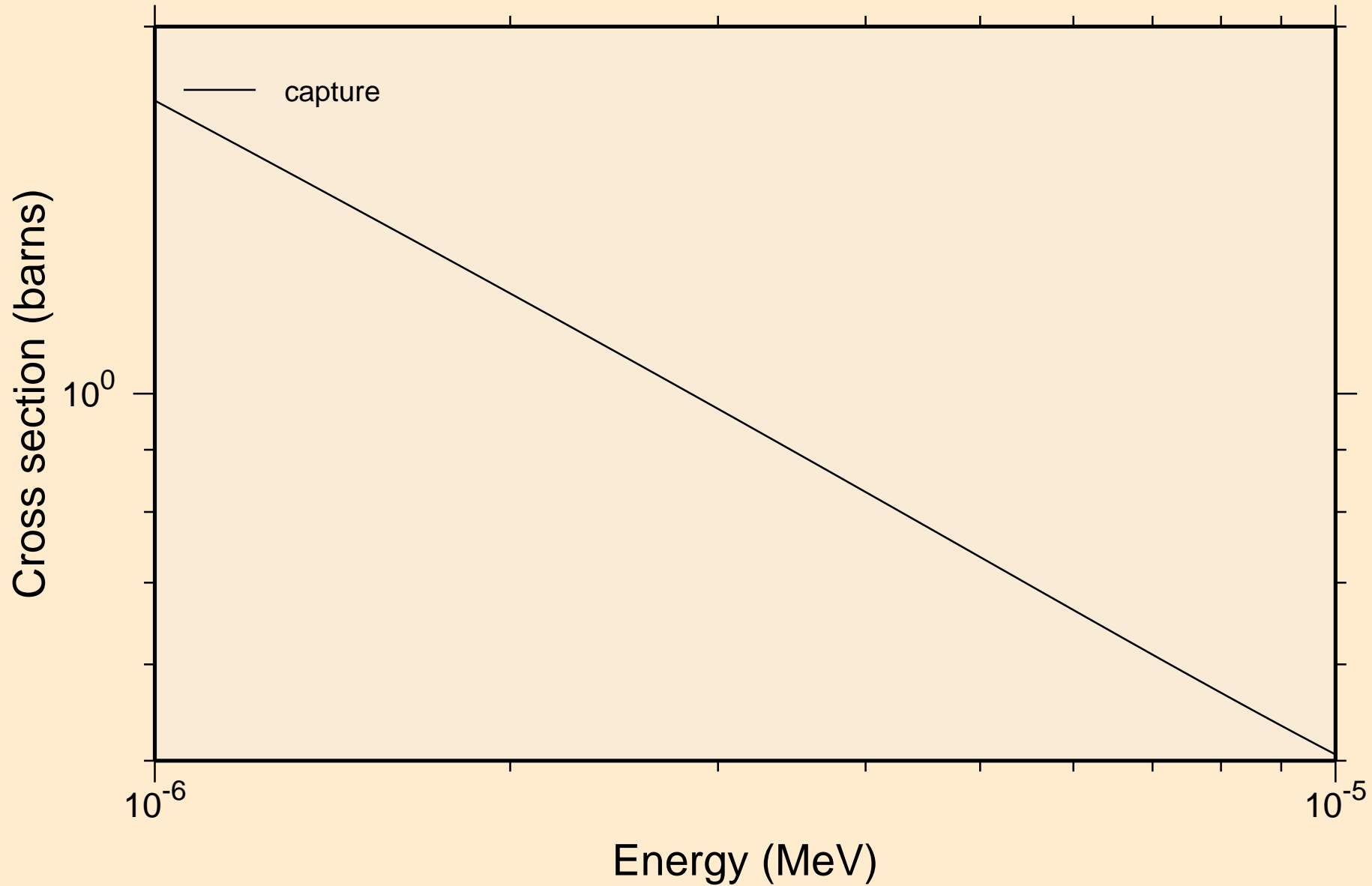
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



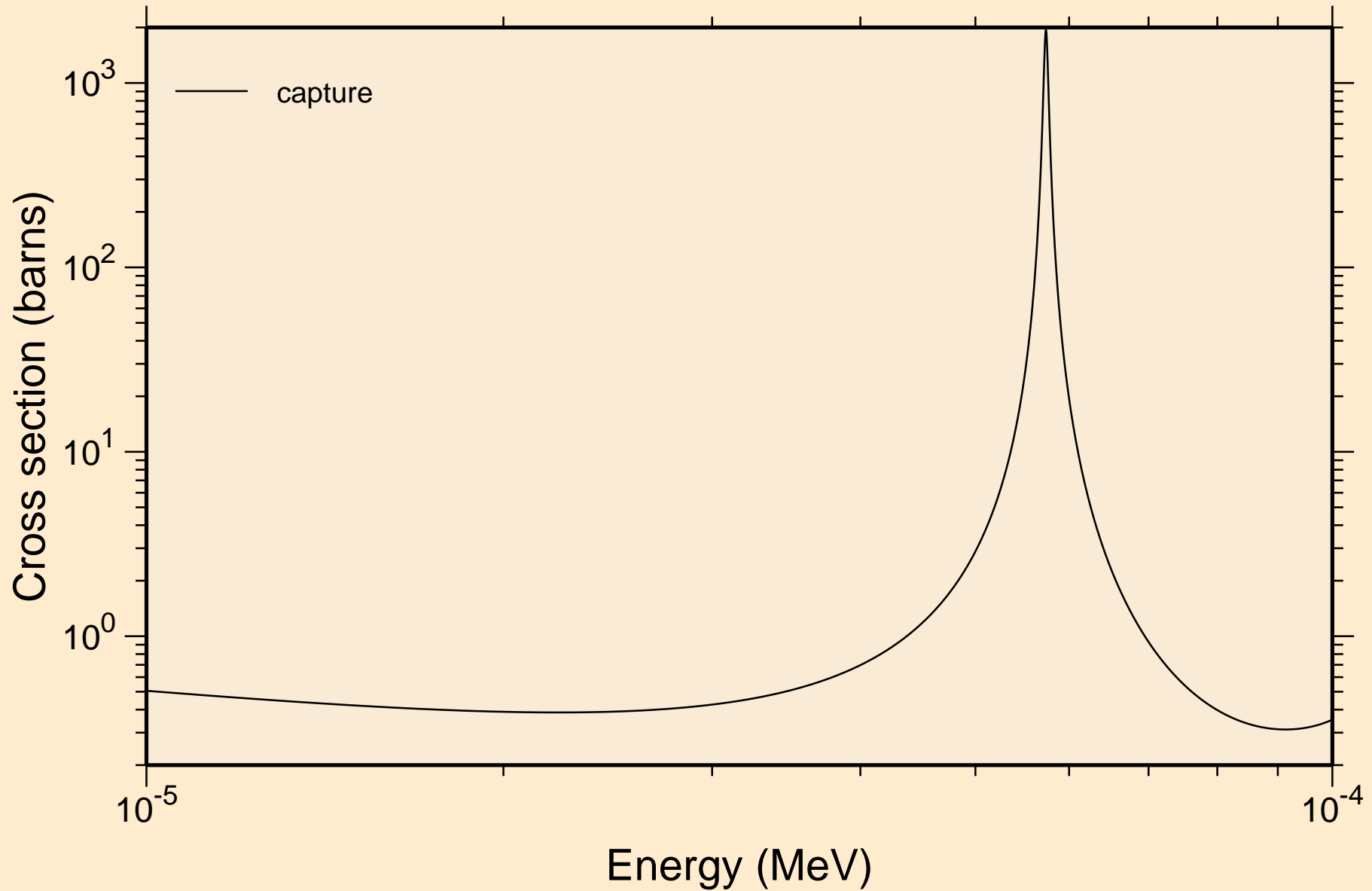
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



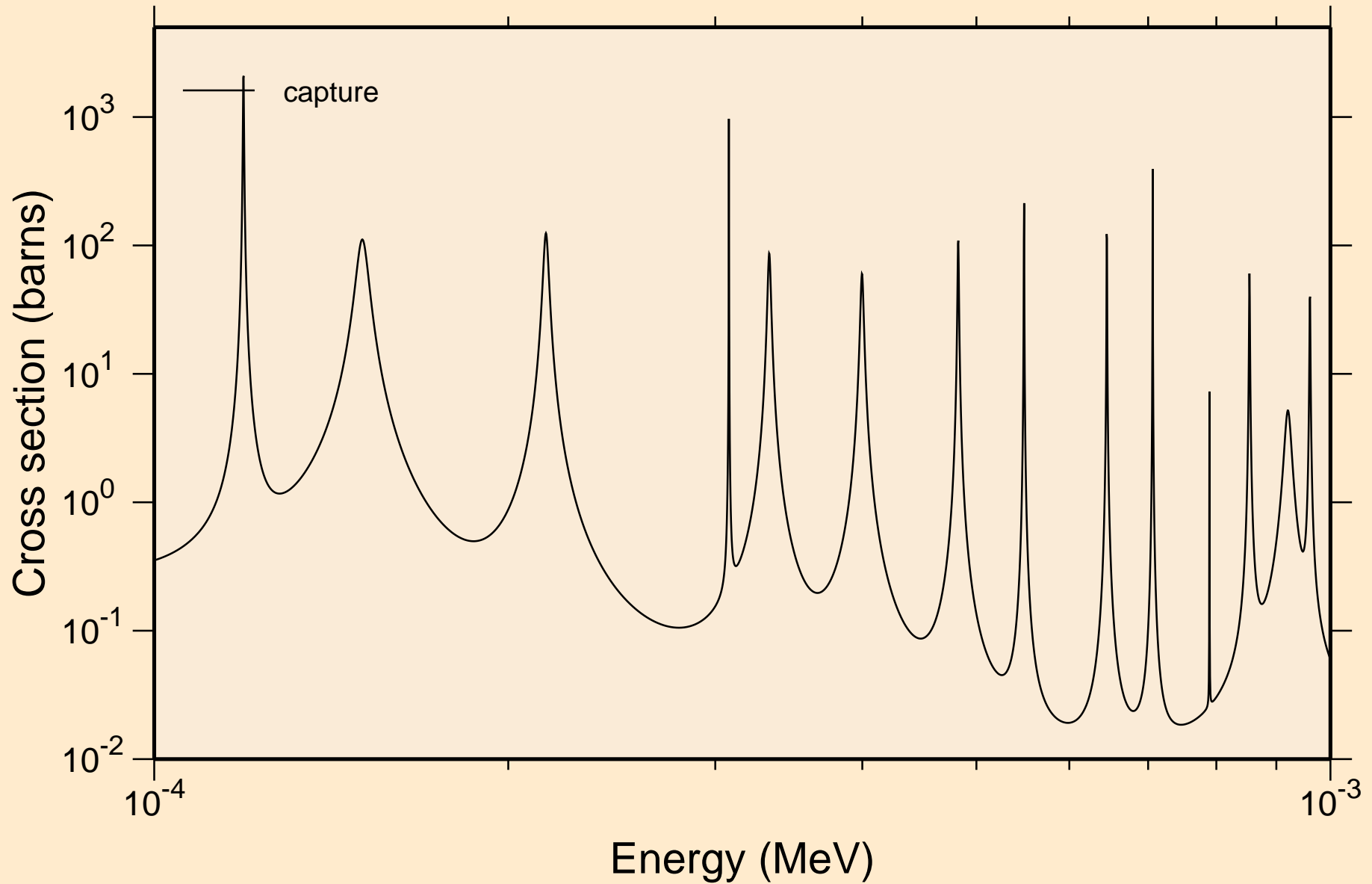
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

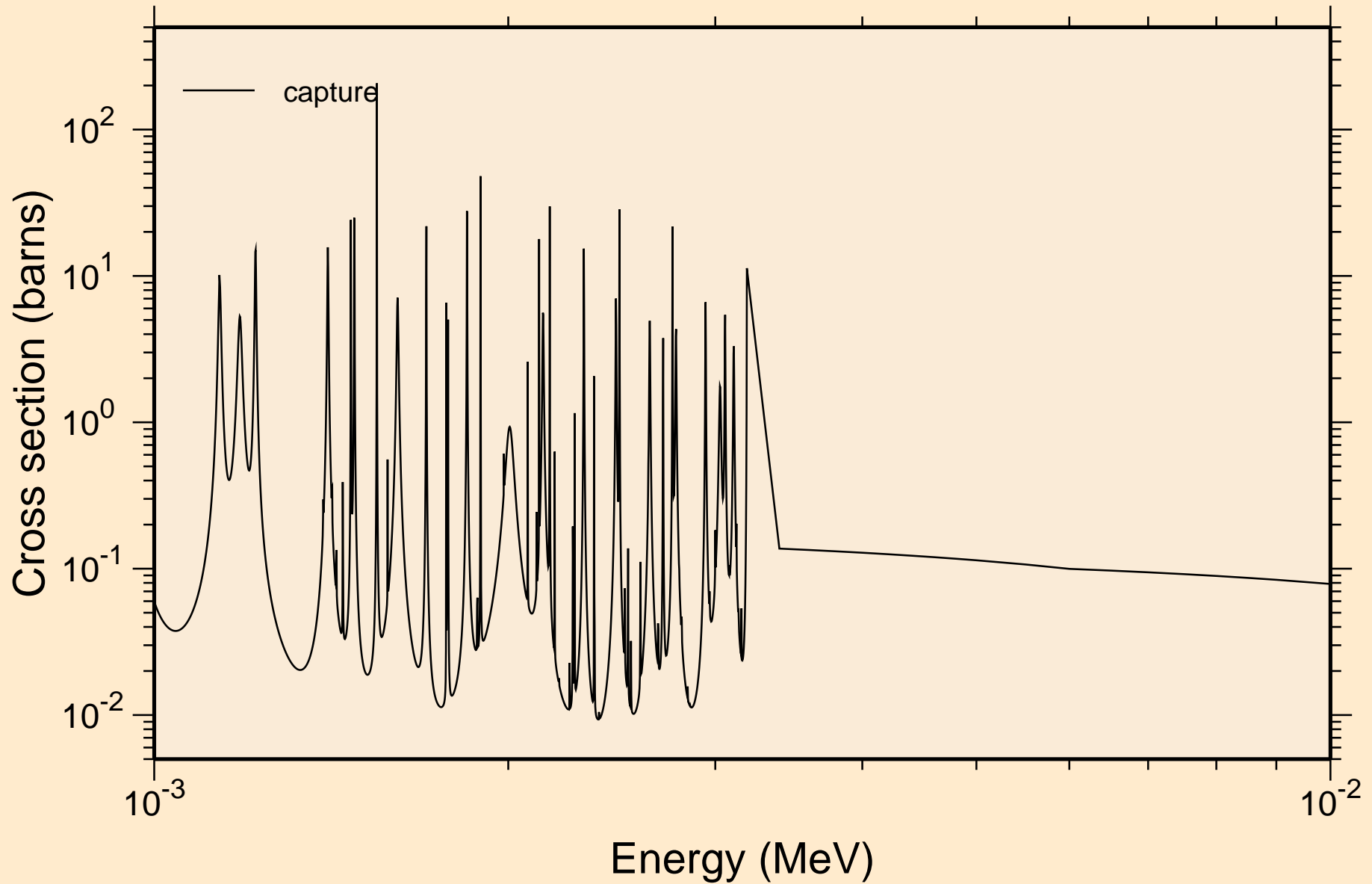


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

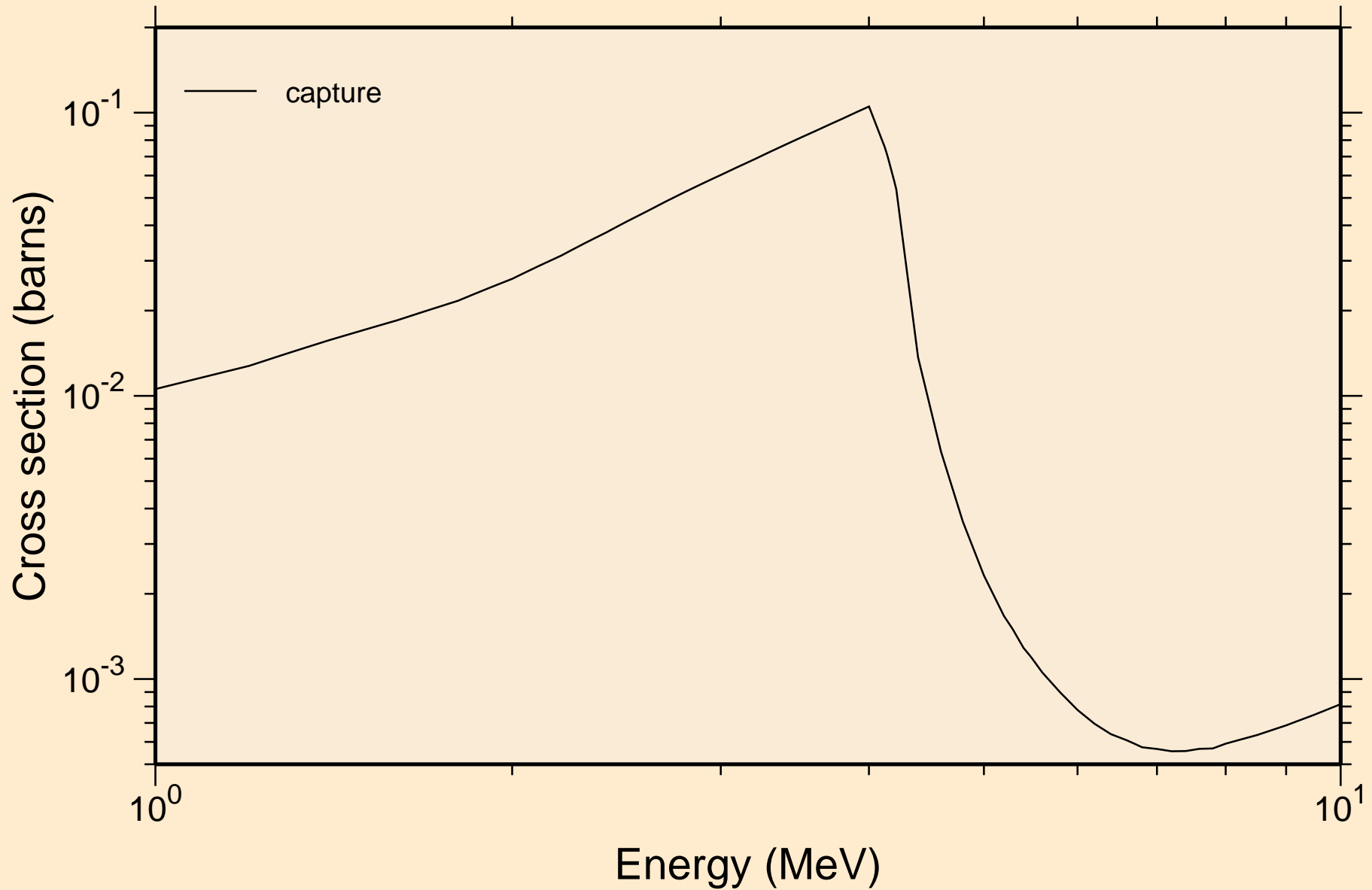




SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

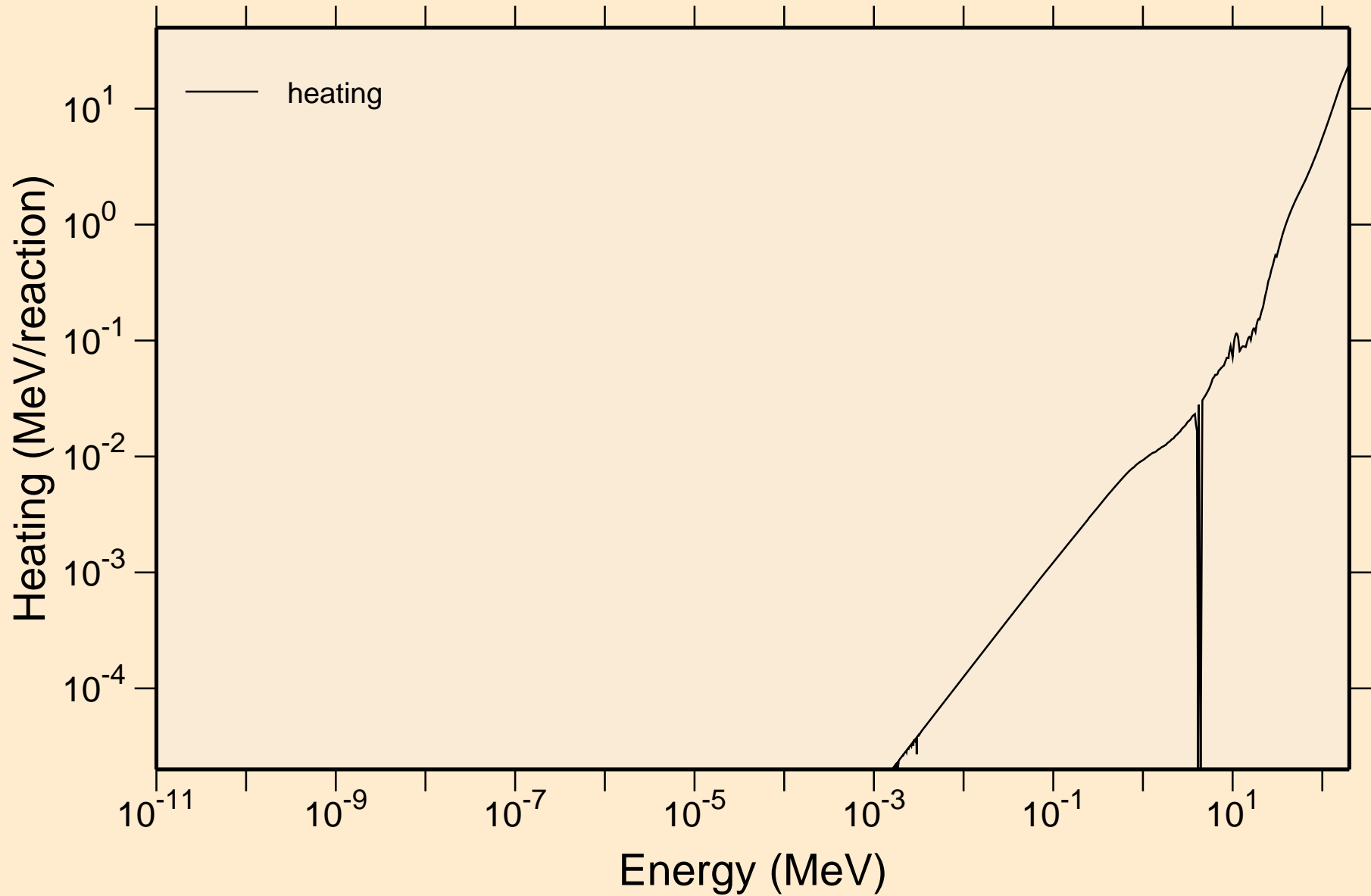


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



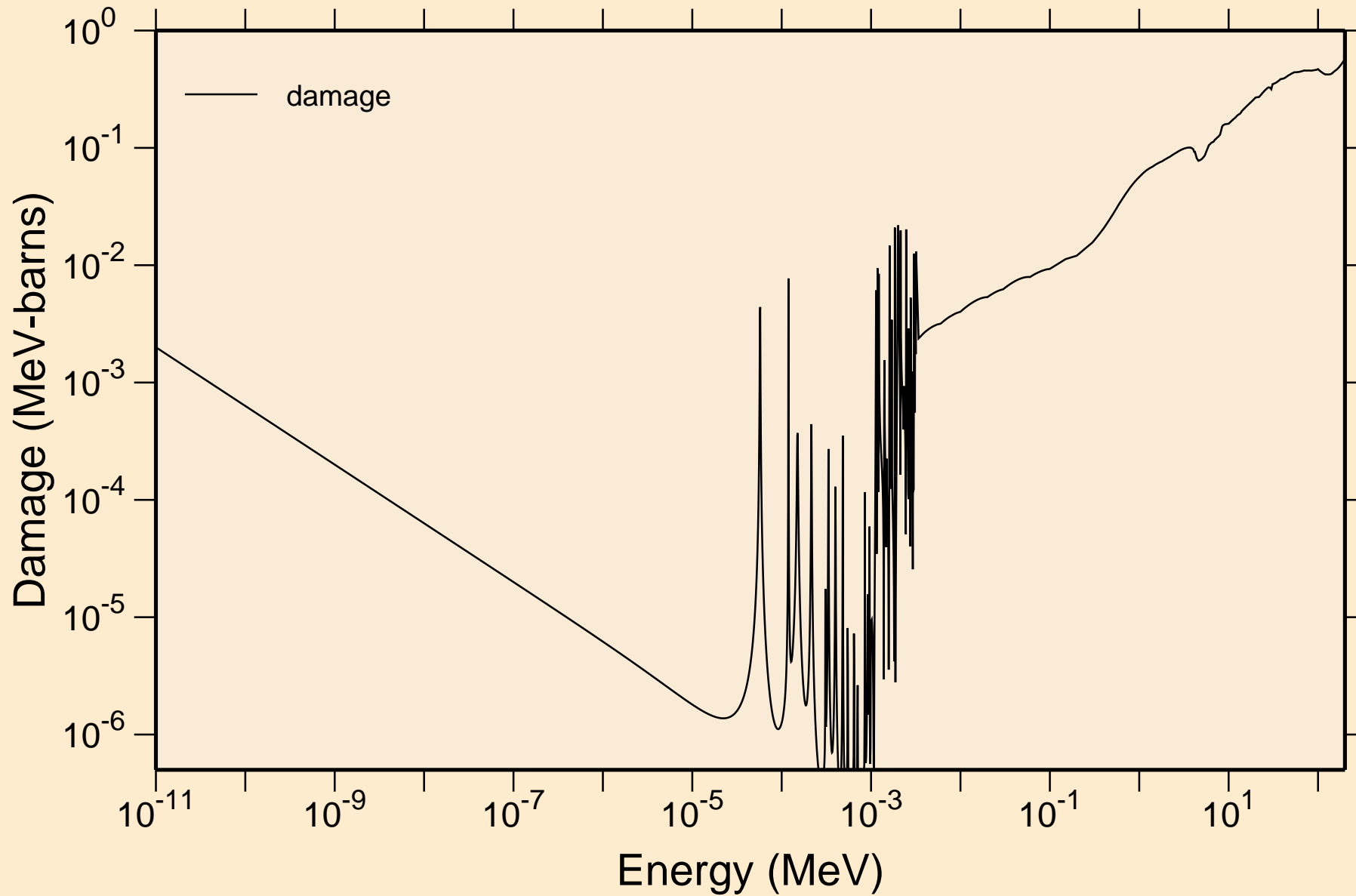
# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

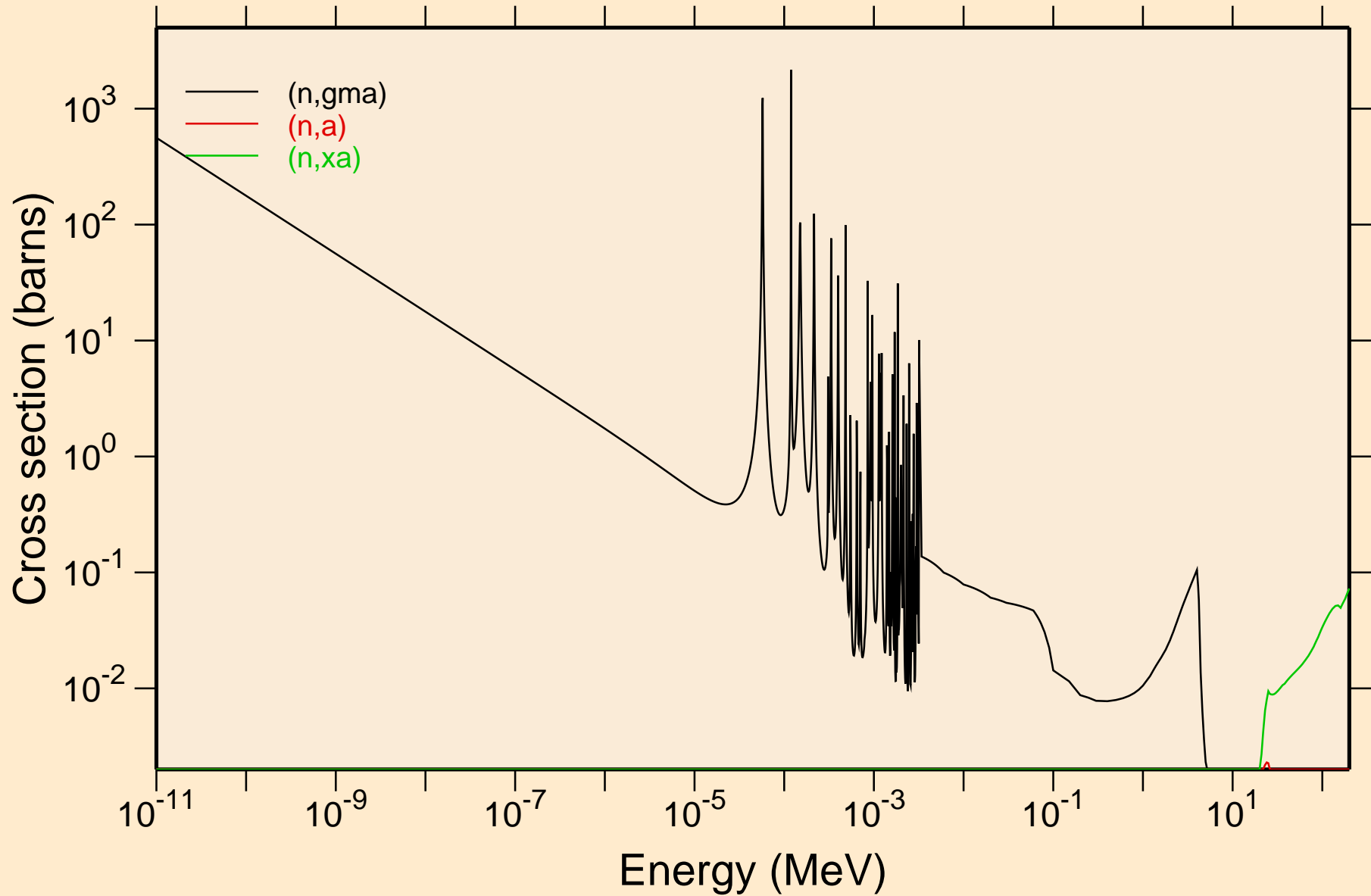


# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

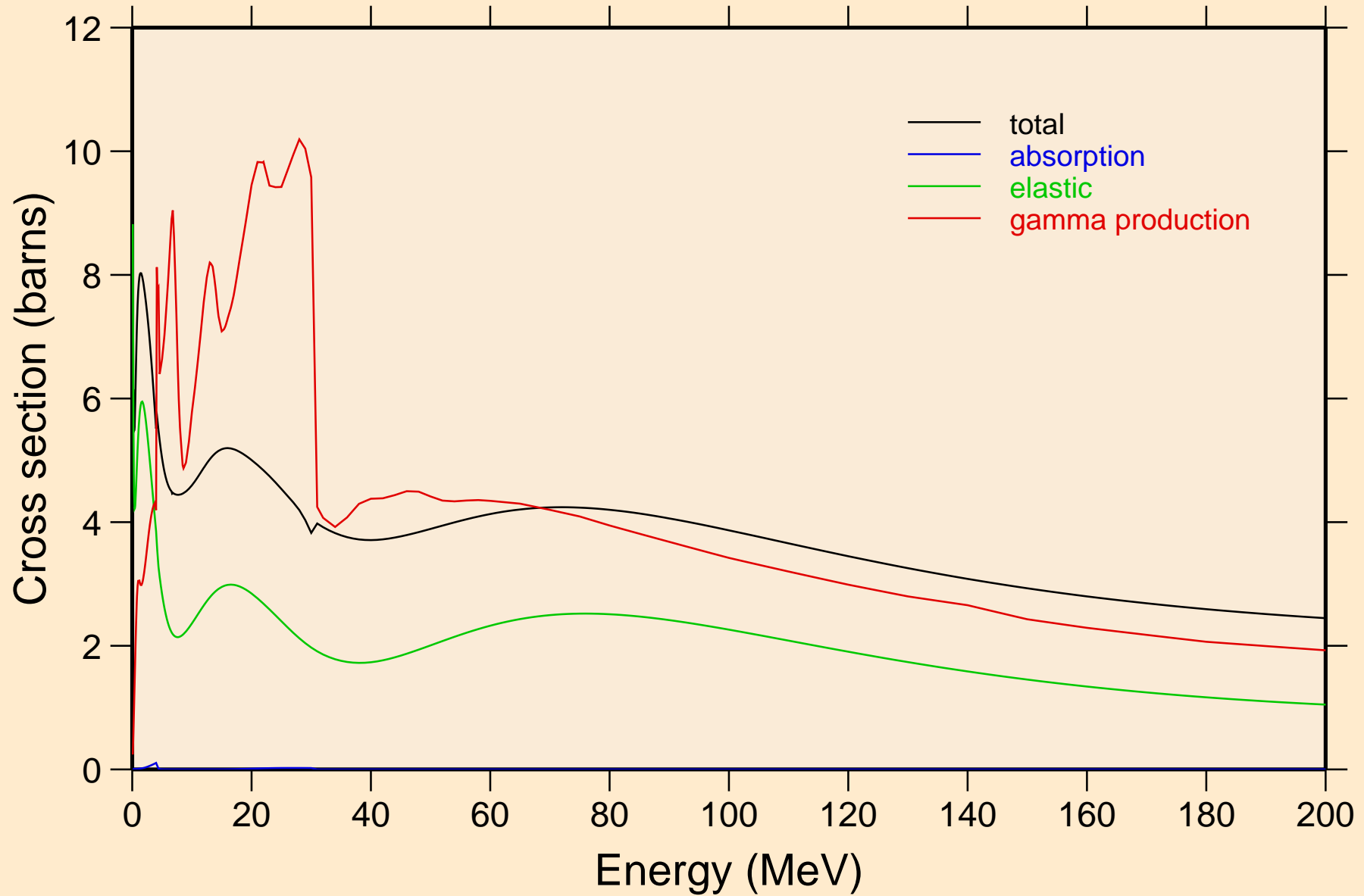


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



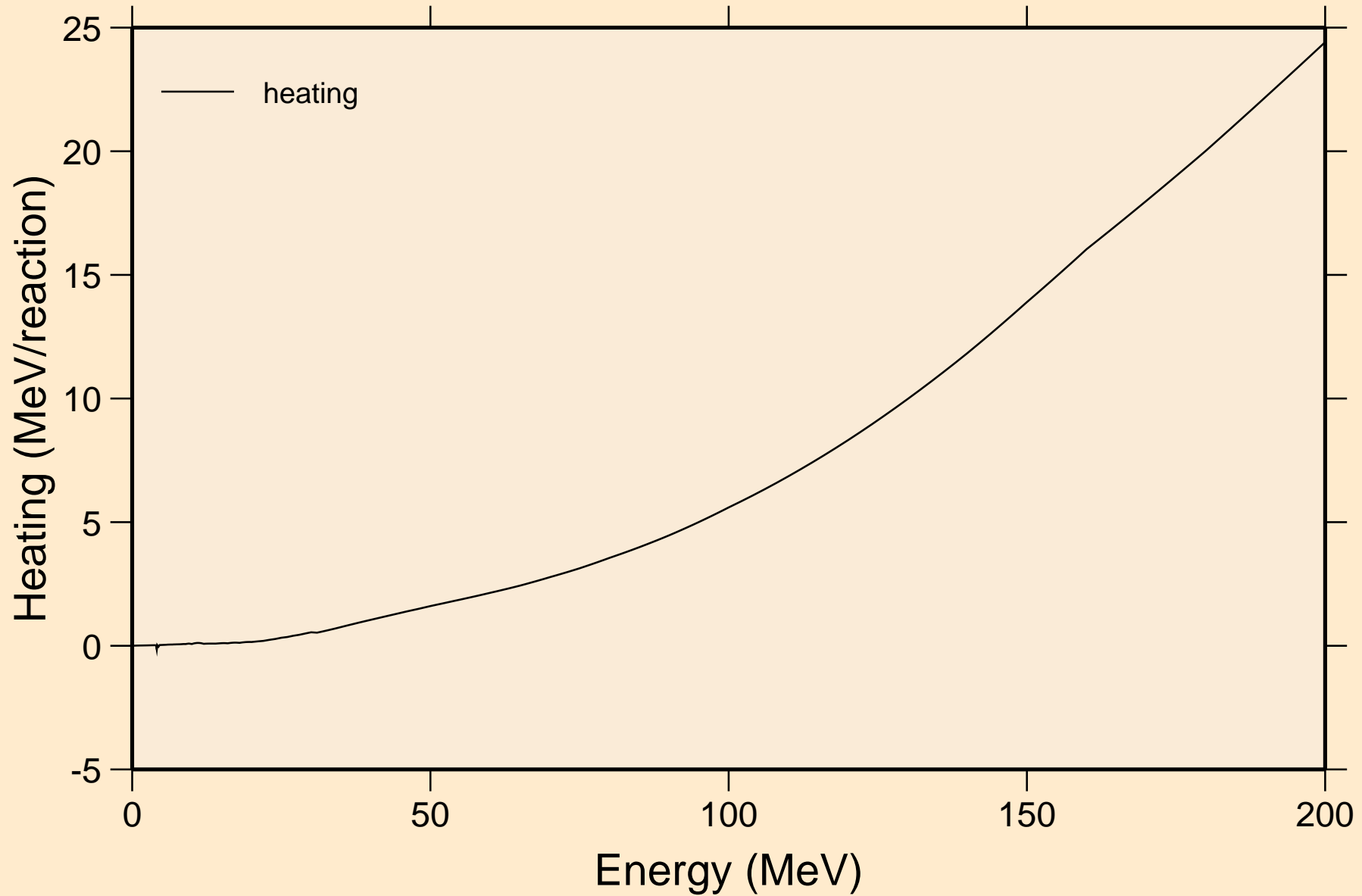
# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



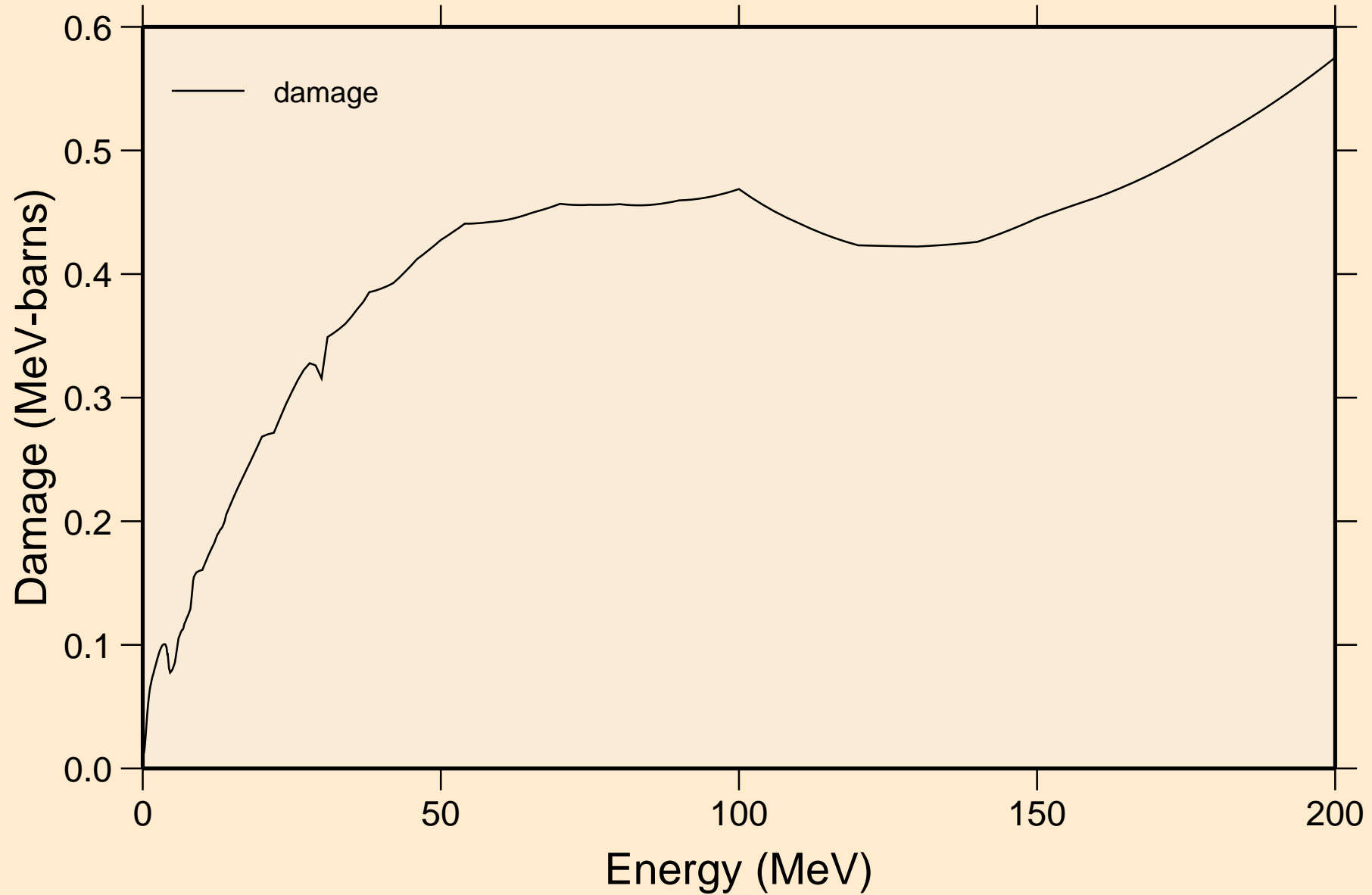
# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

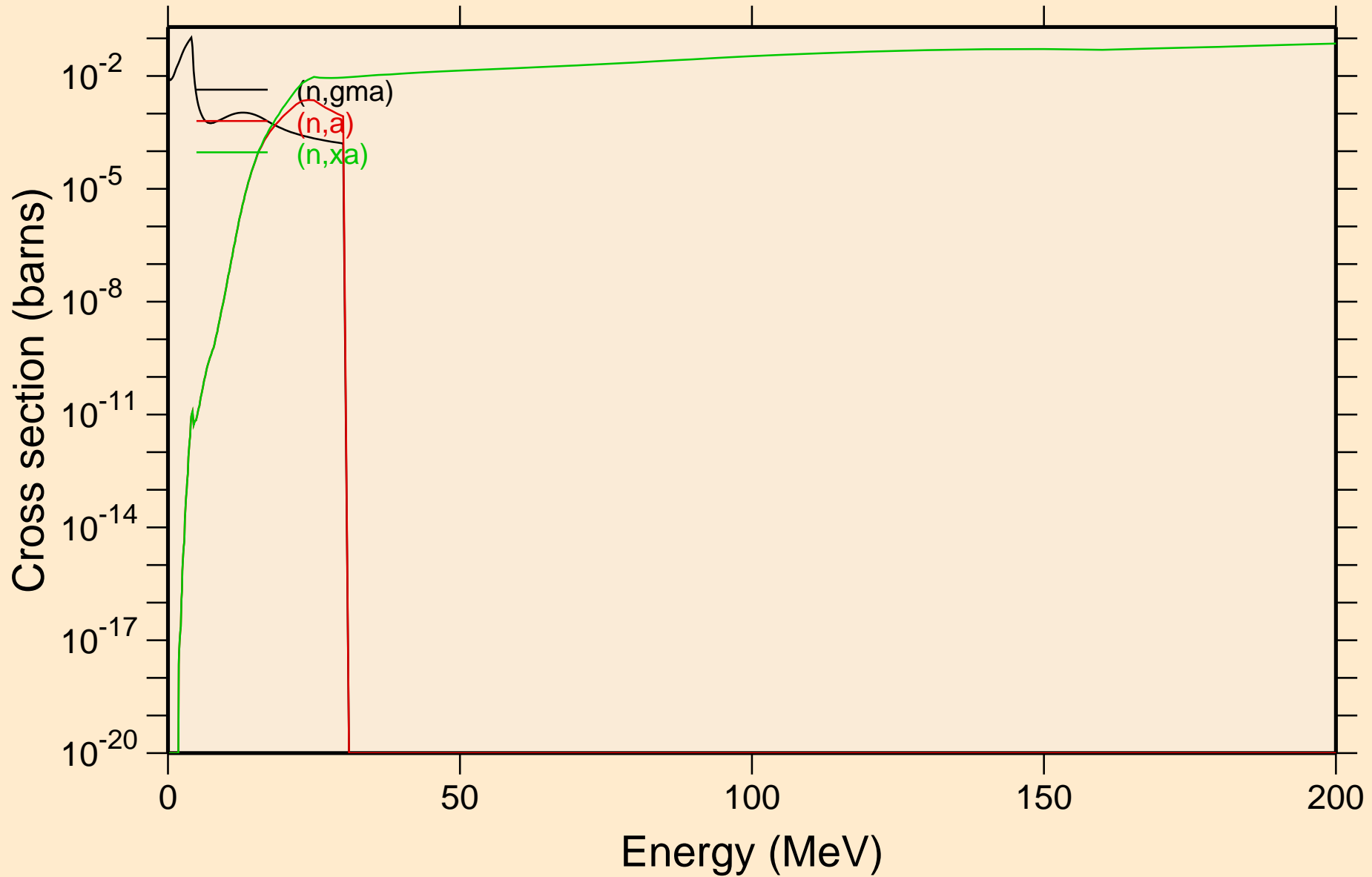
## Damage



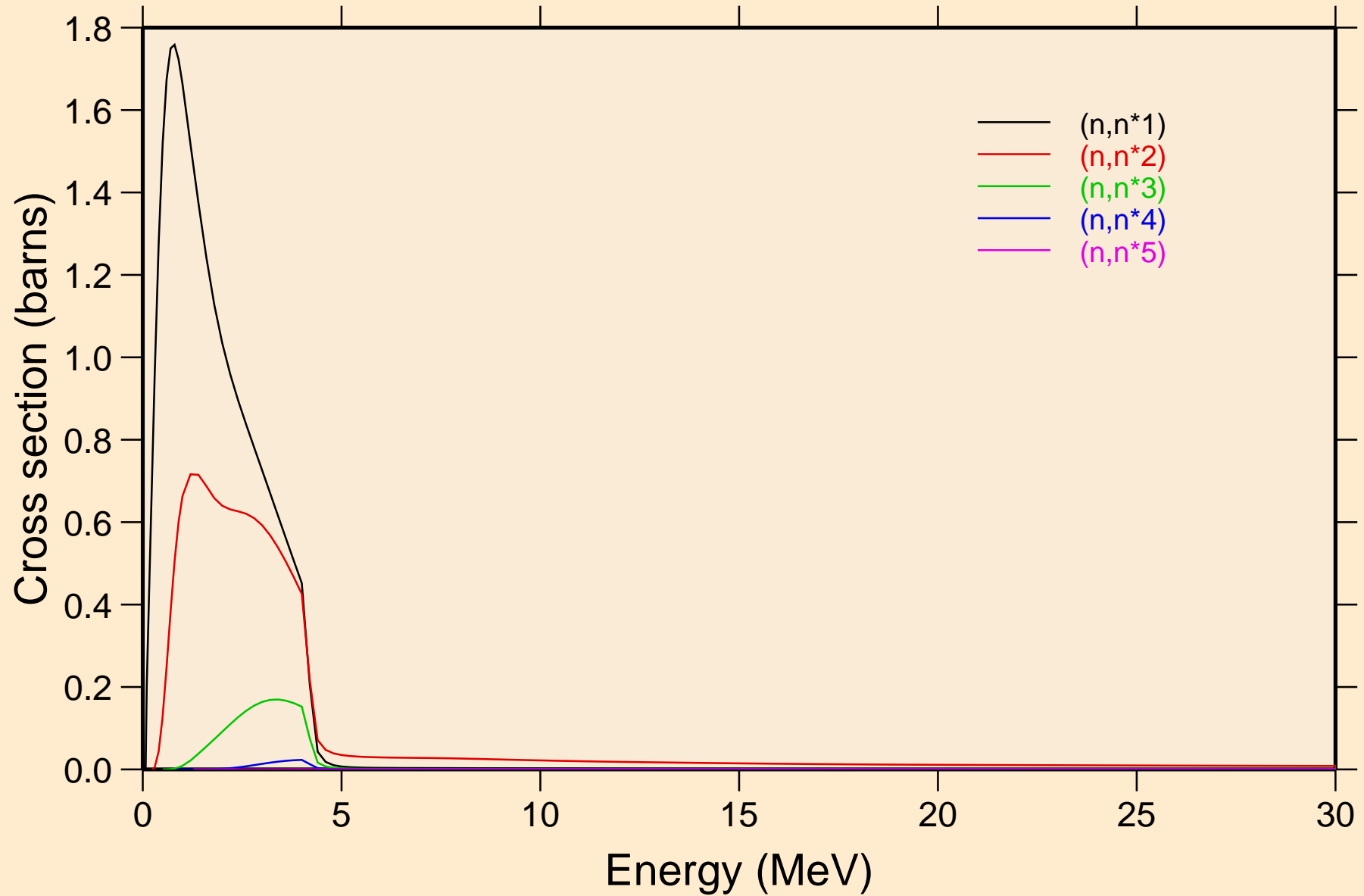


# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

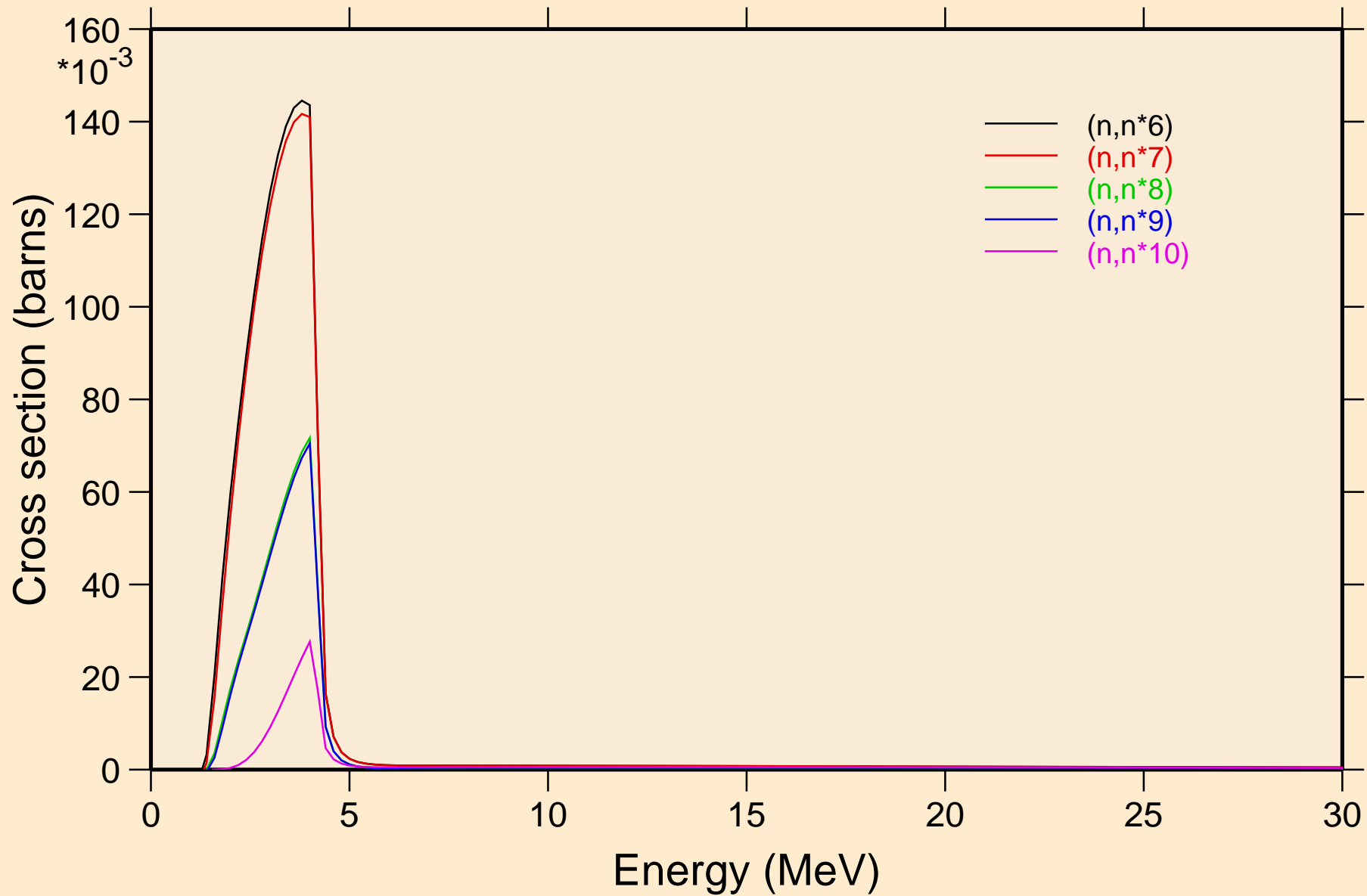
## Non-threshold reactions



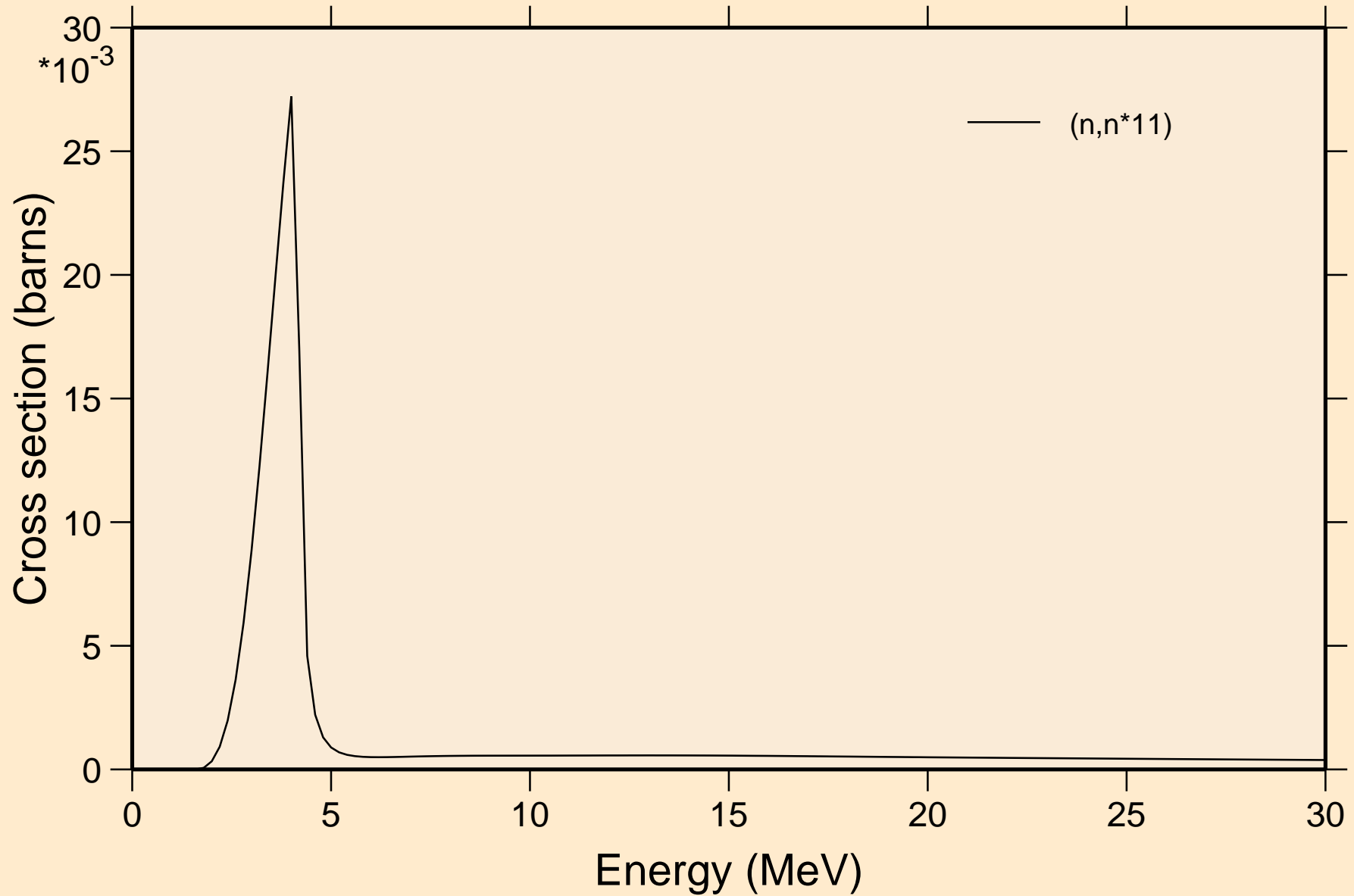
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



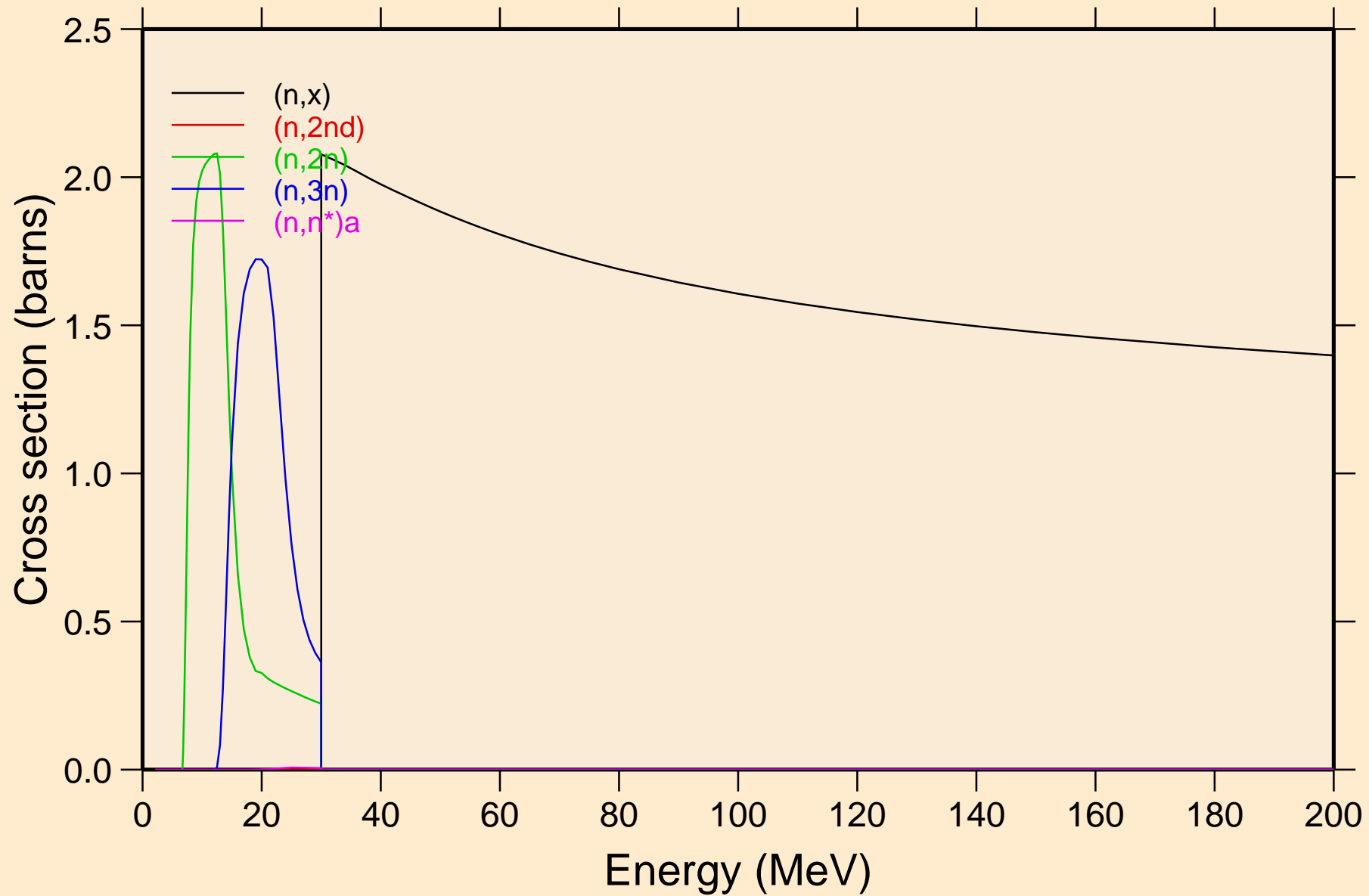
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

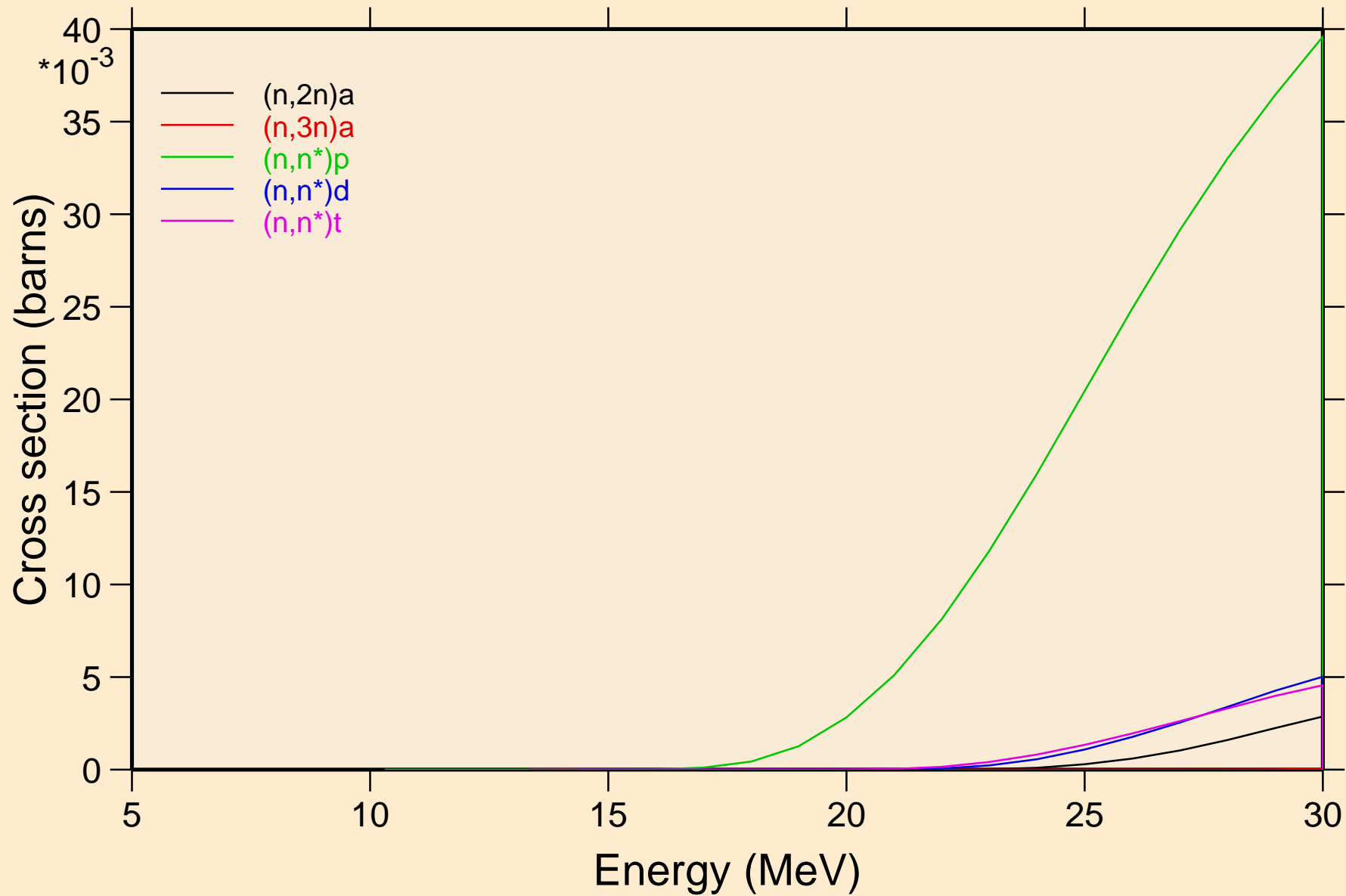


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



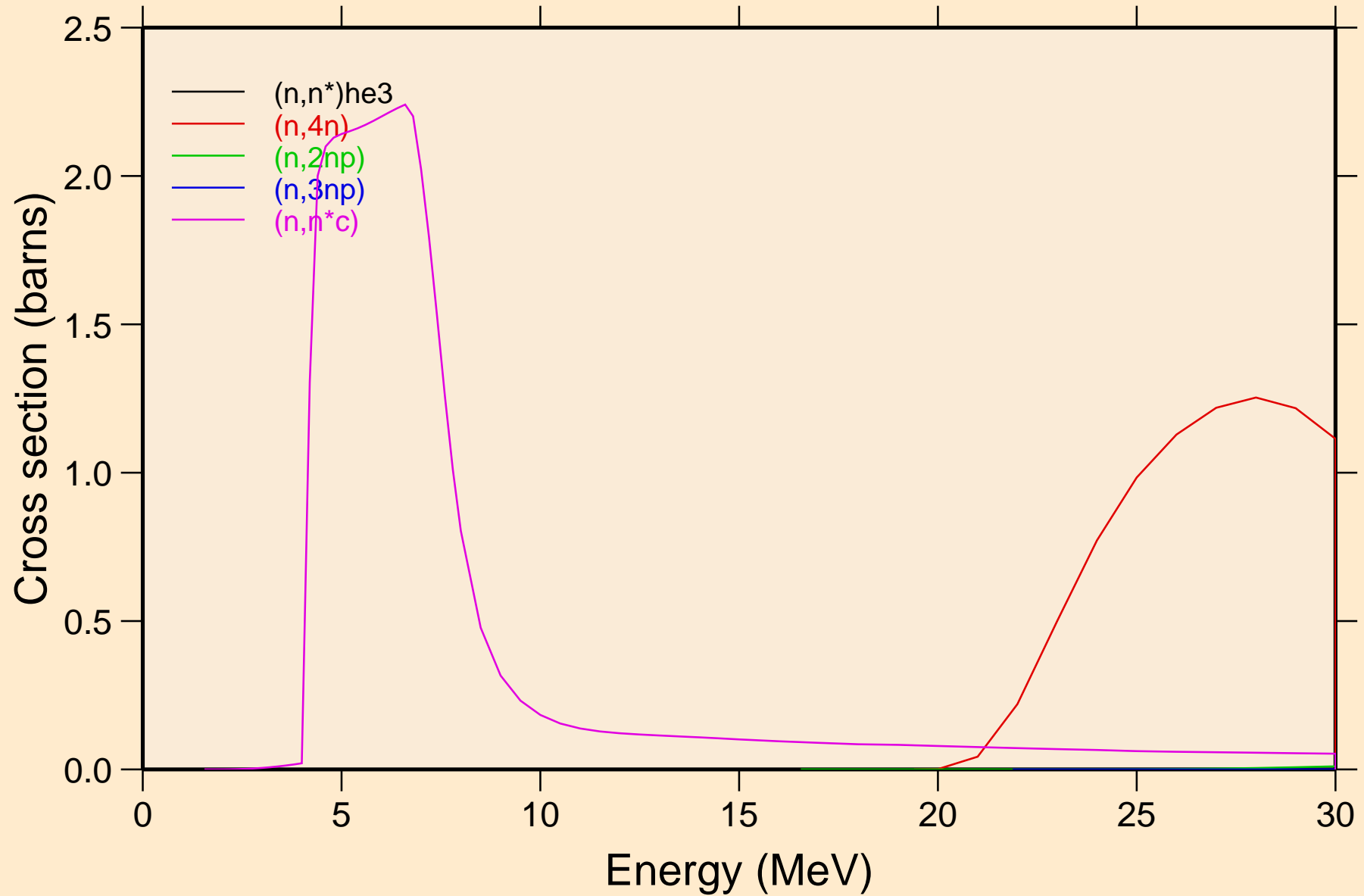
# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

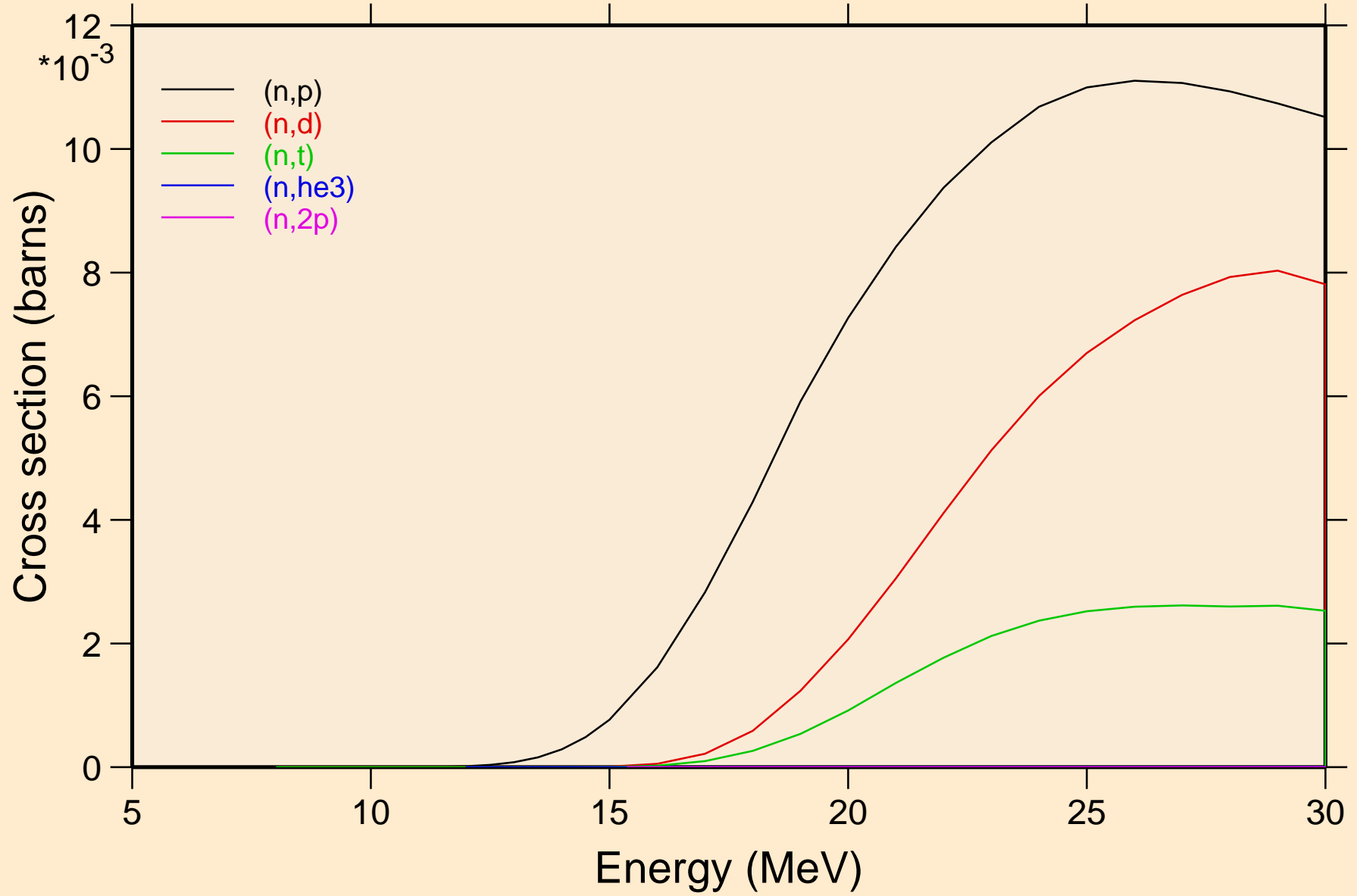


# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



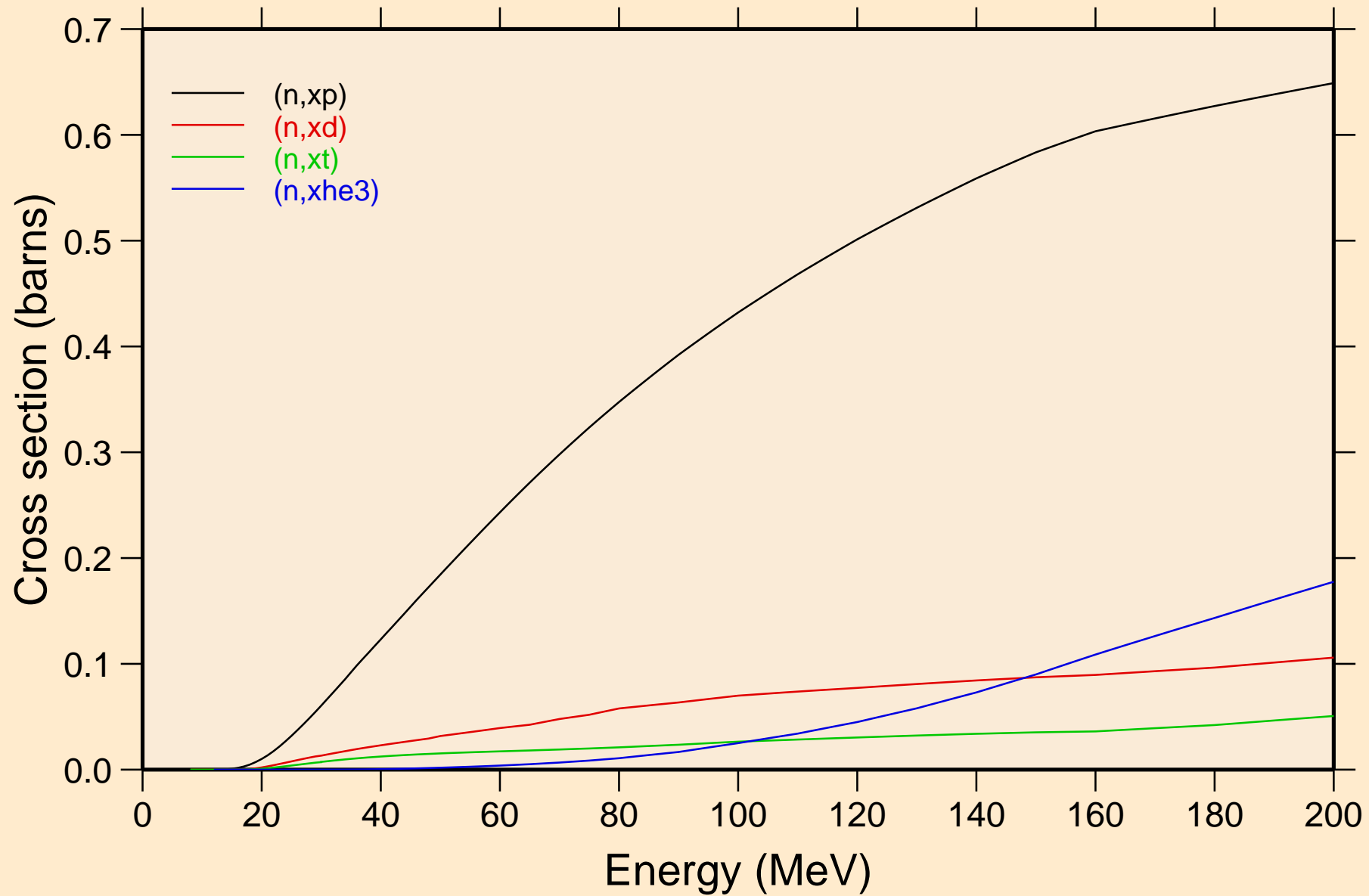
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



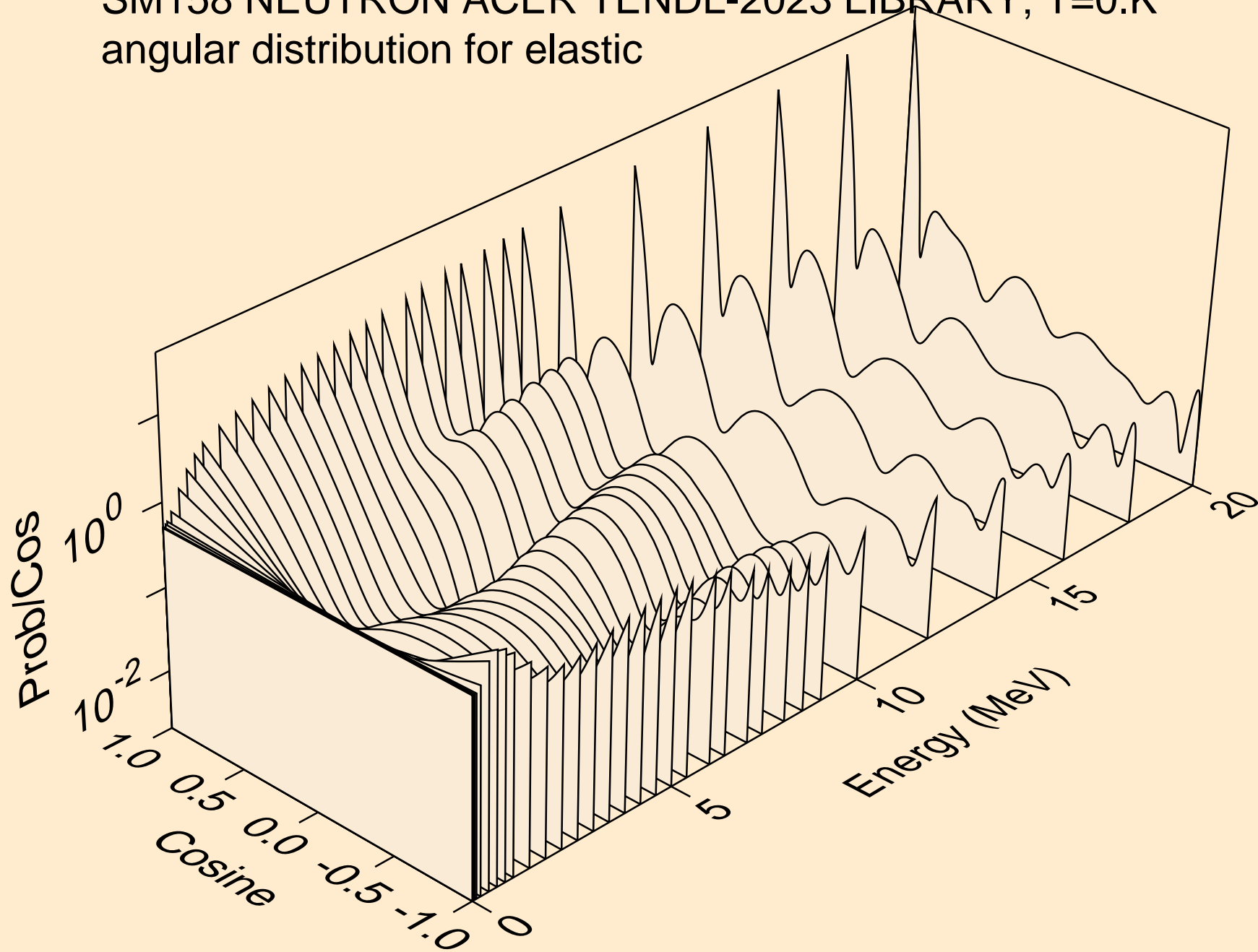


# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

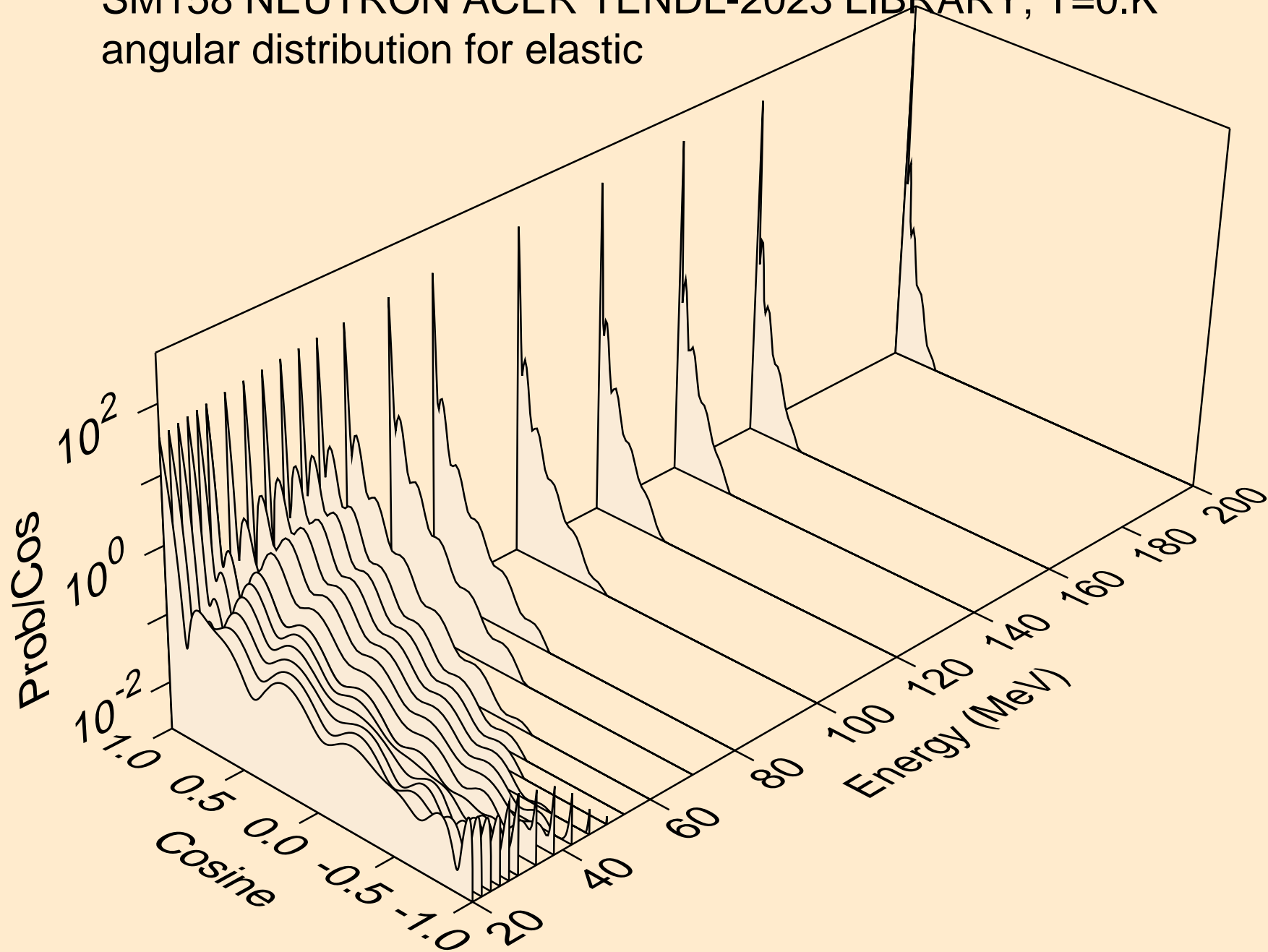
## Threshold reactions



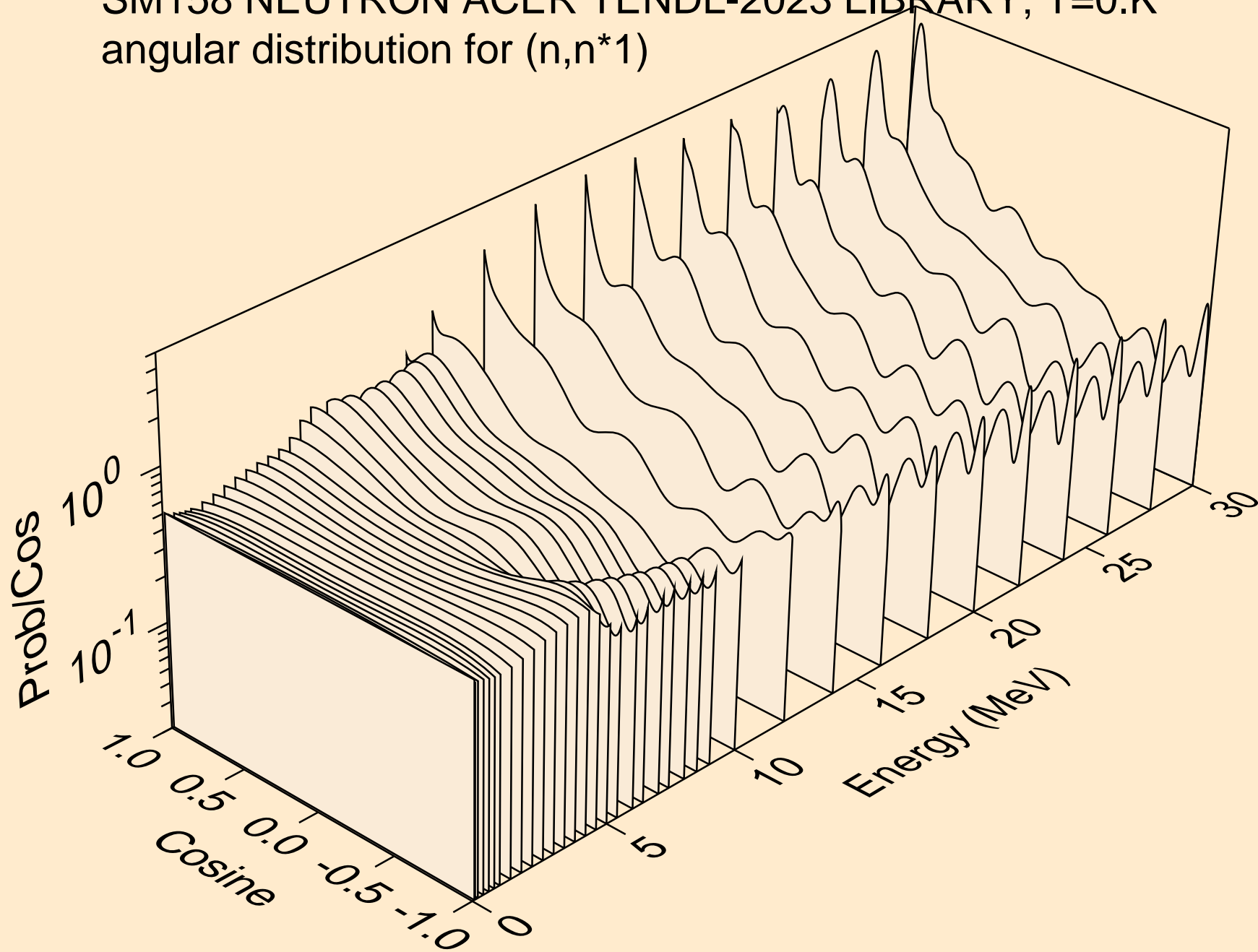
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



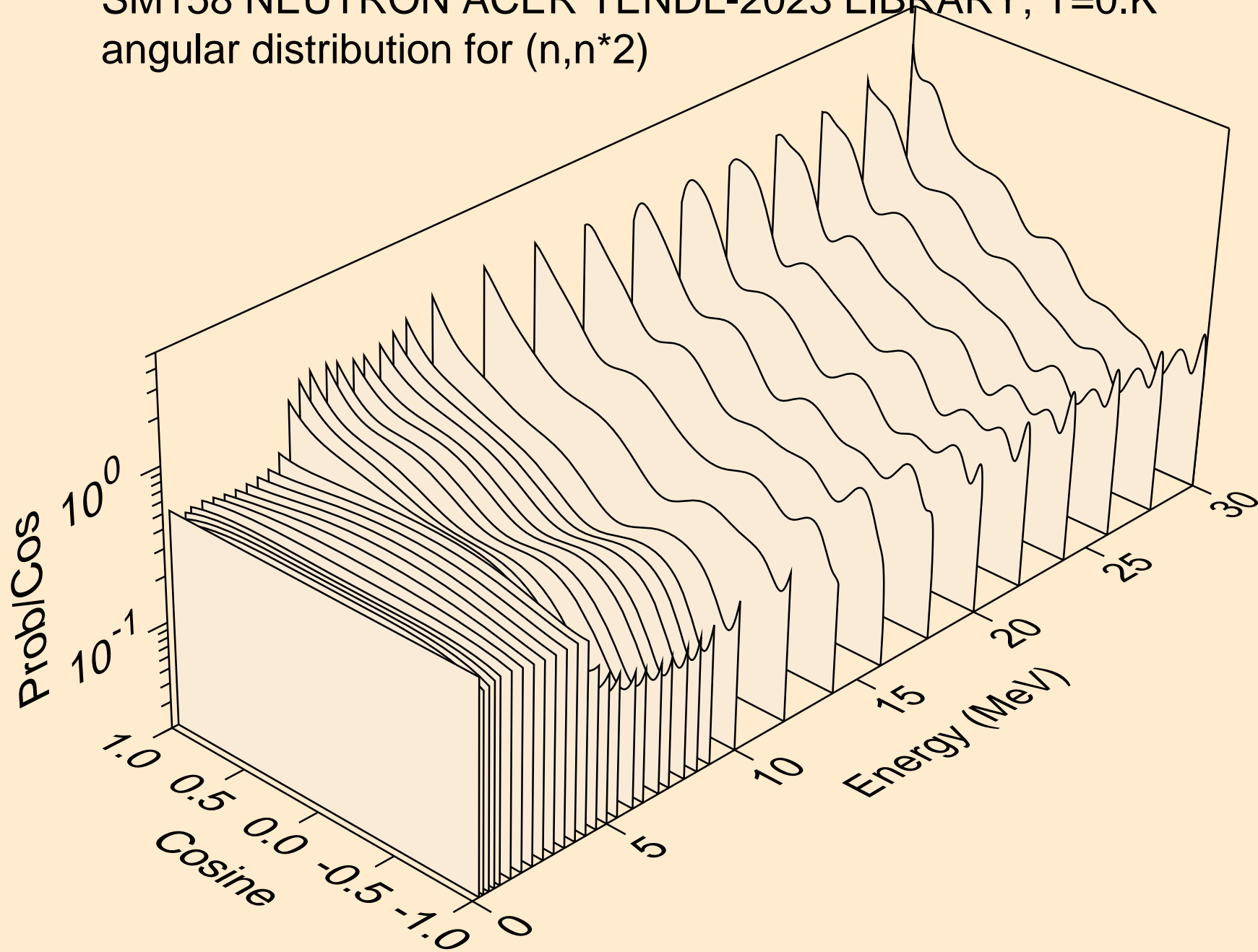
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



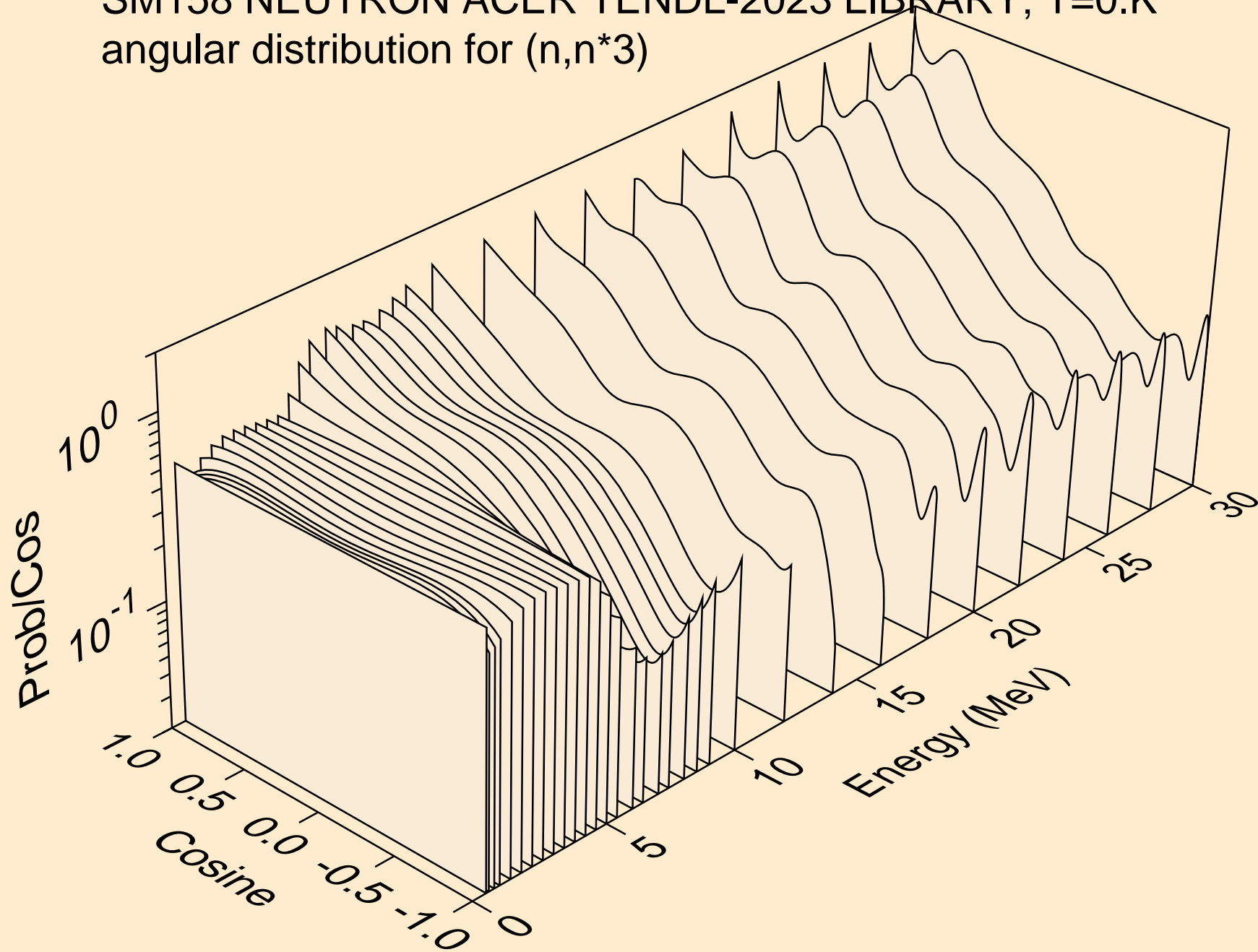
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



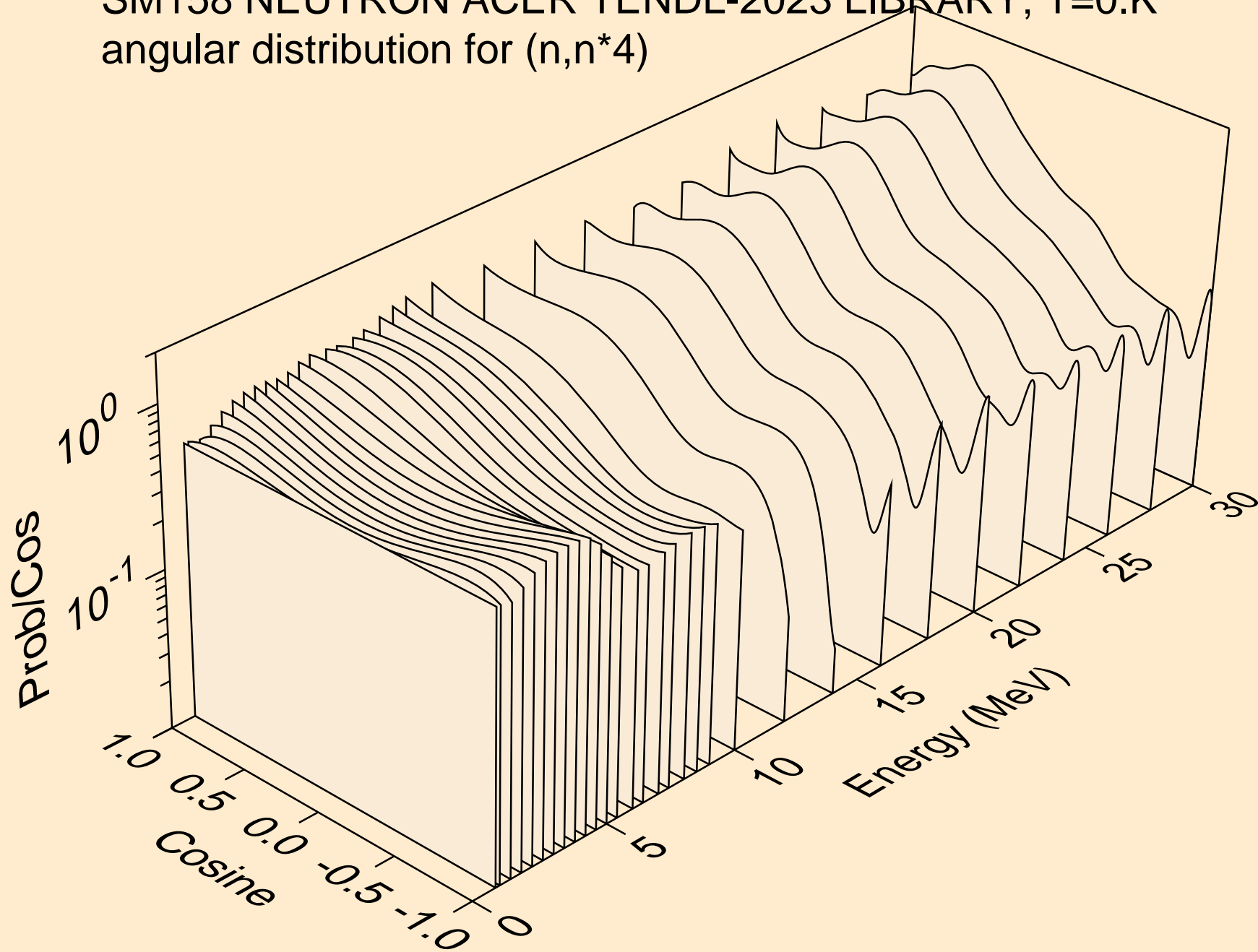
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



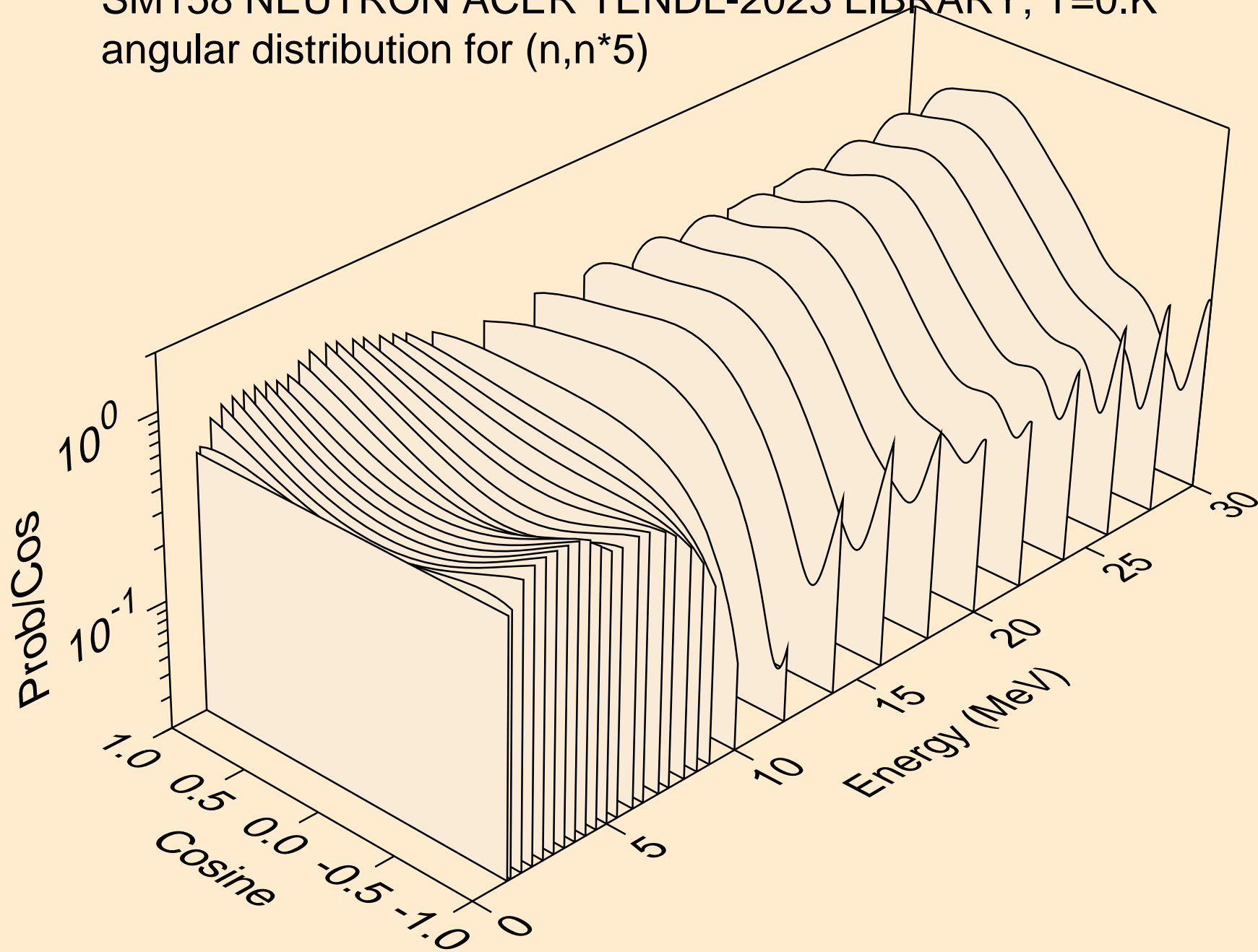
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

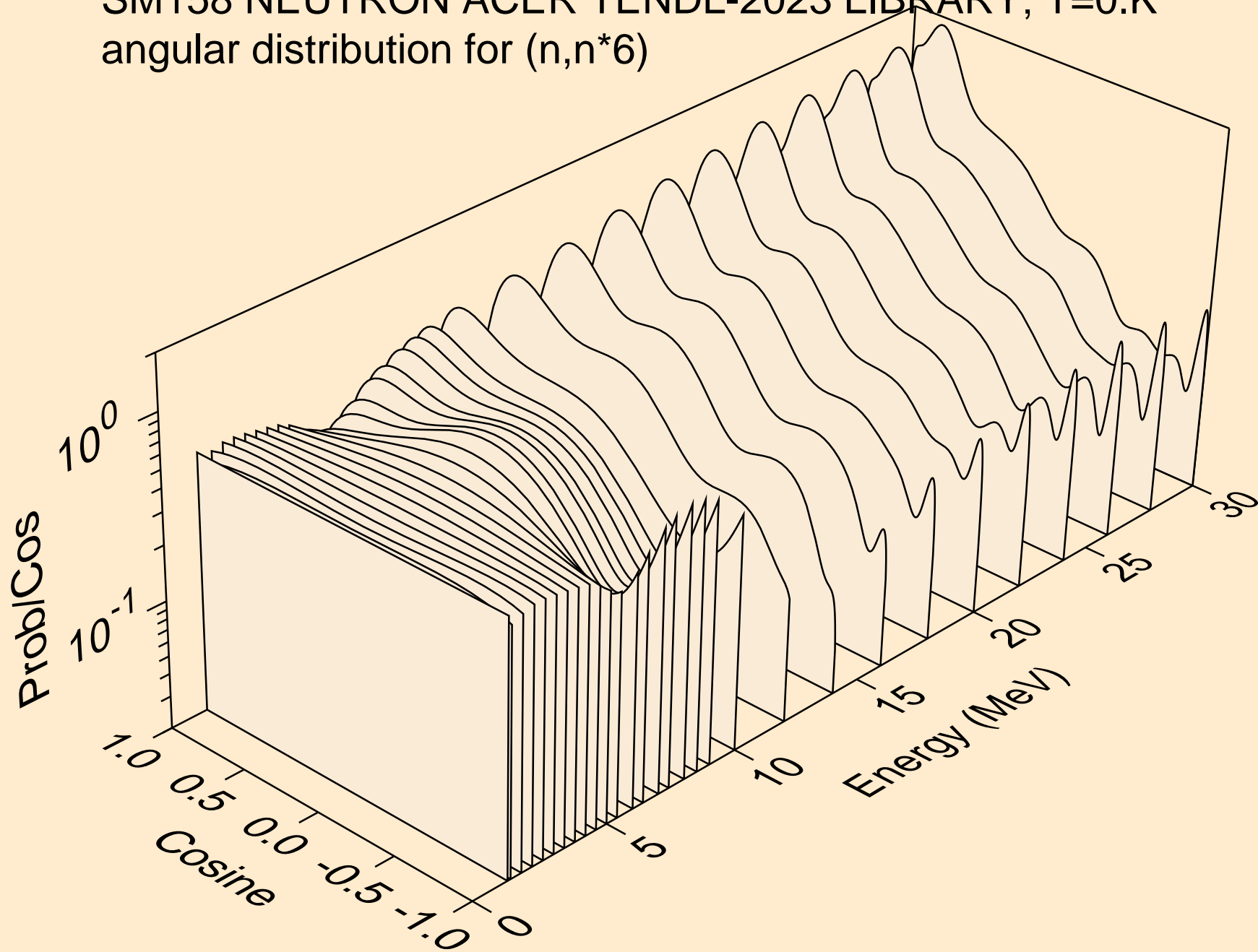


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

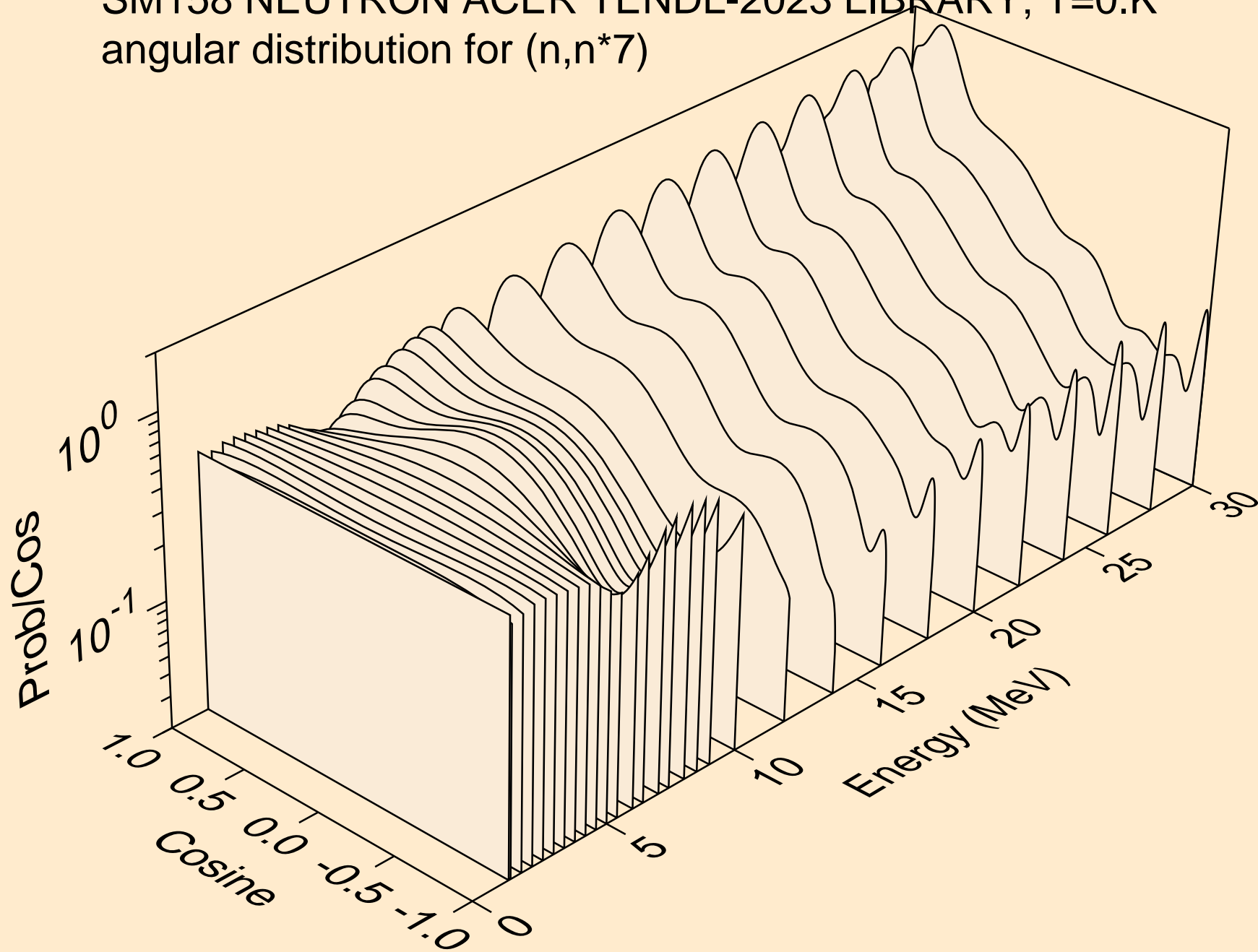




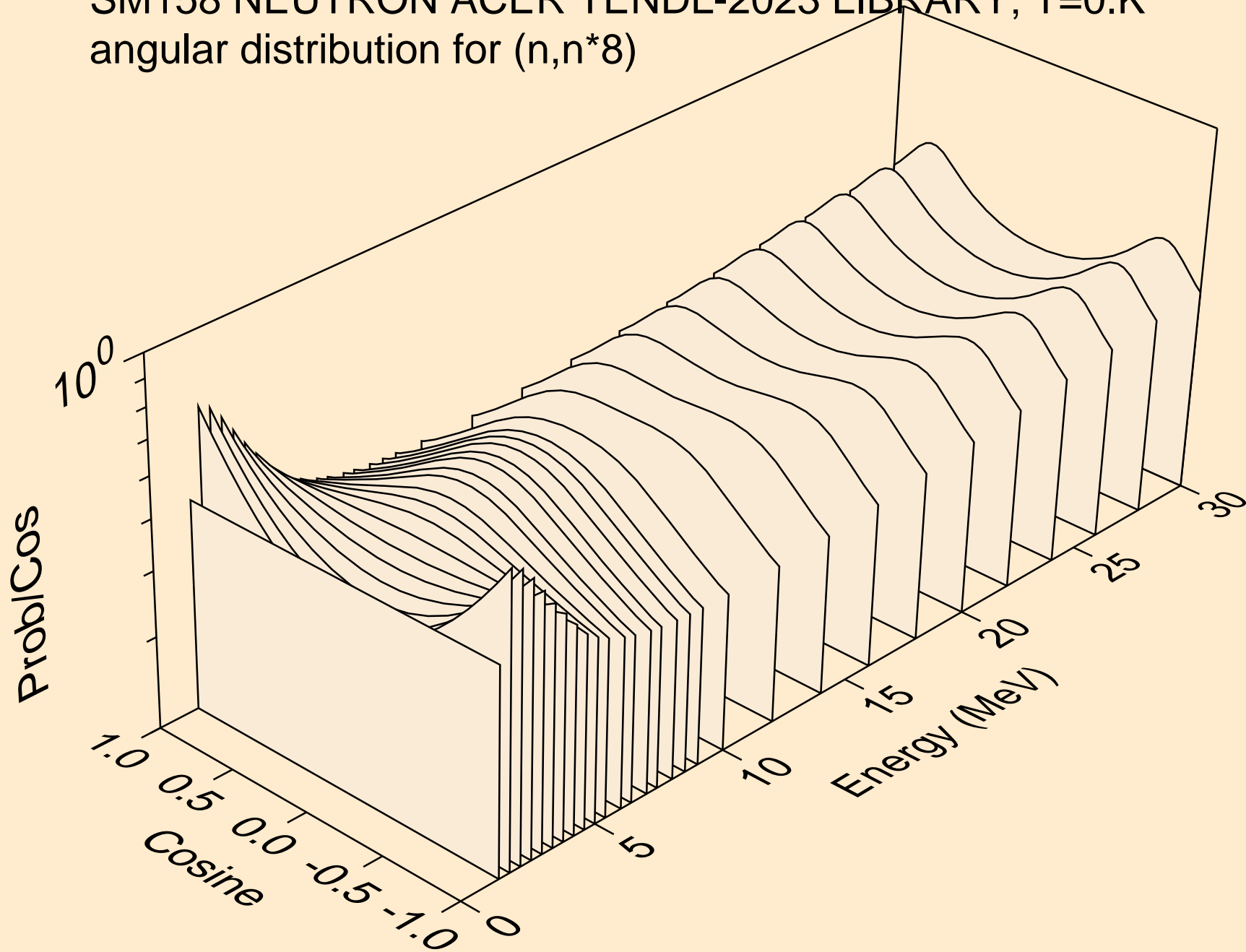
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



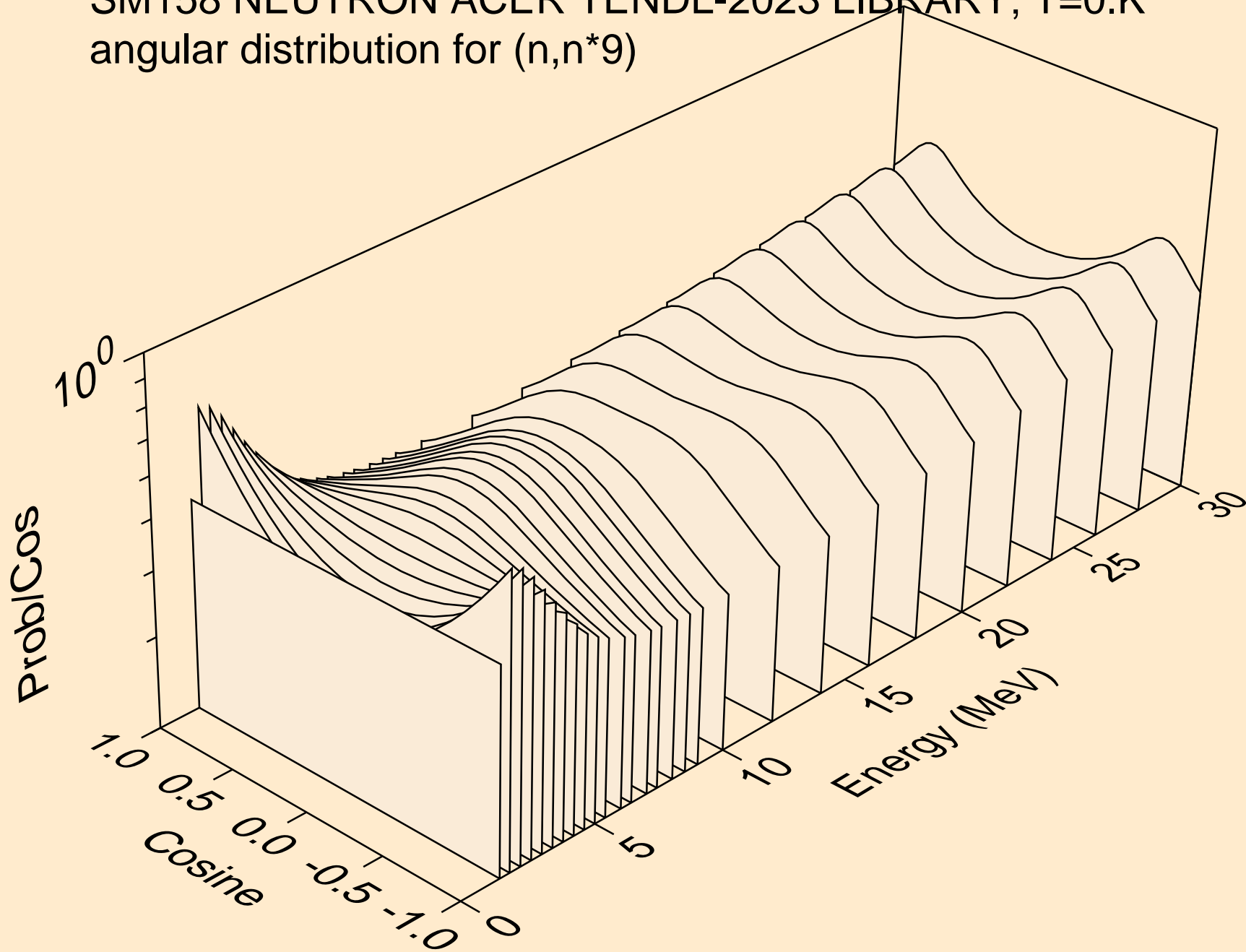
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



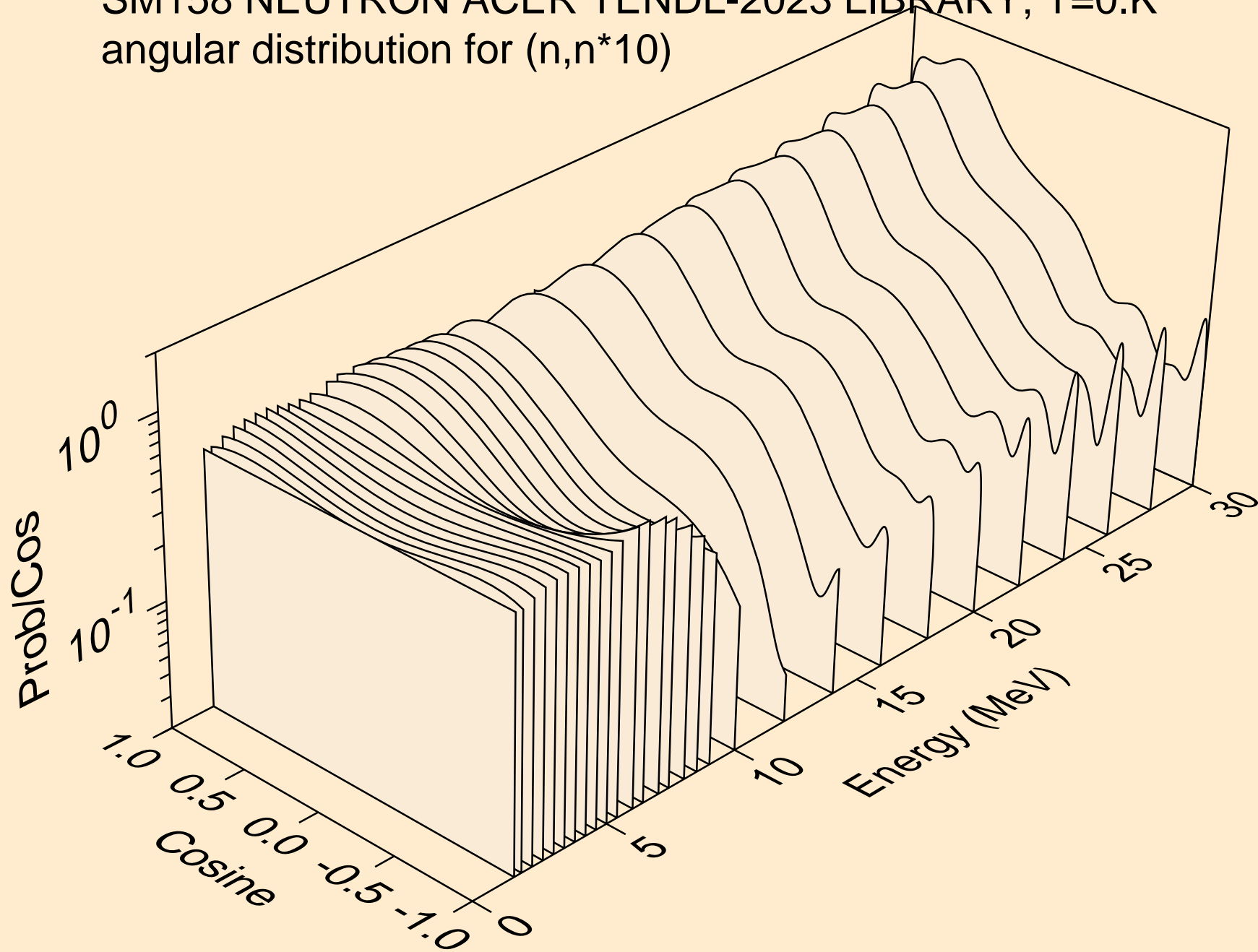
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



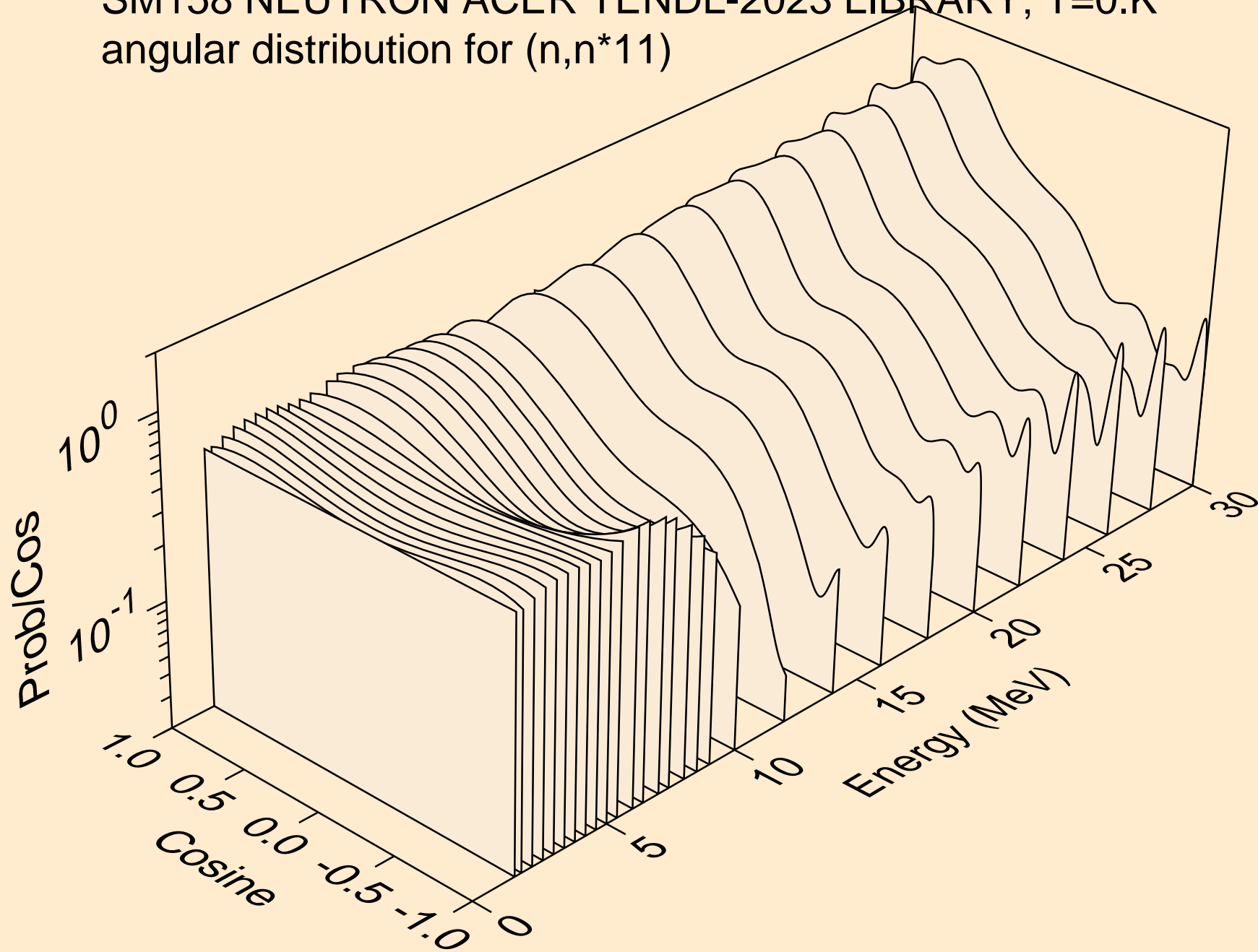
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



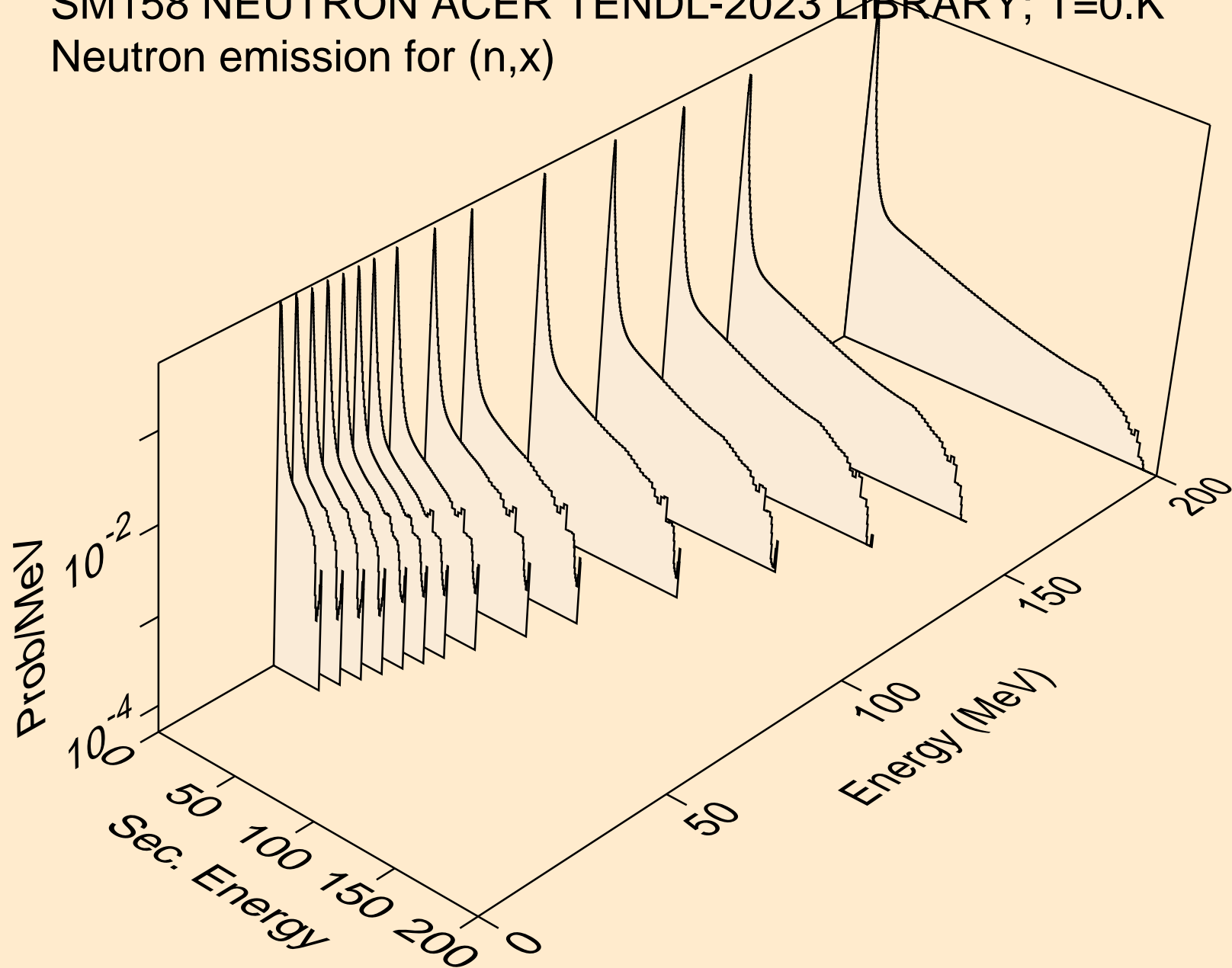
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



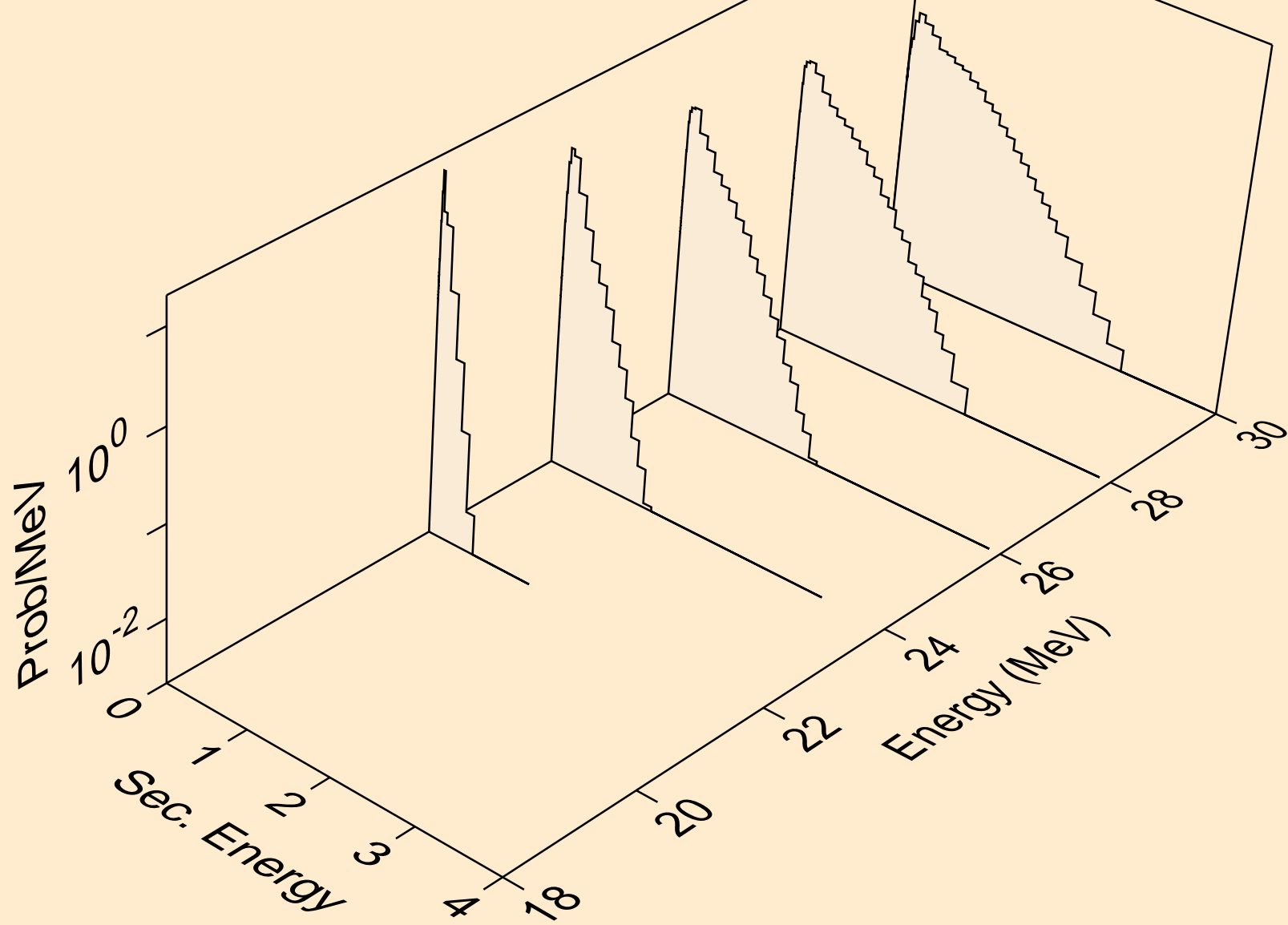
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

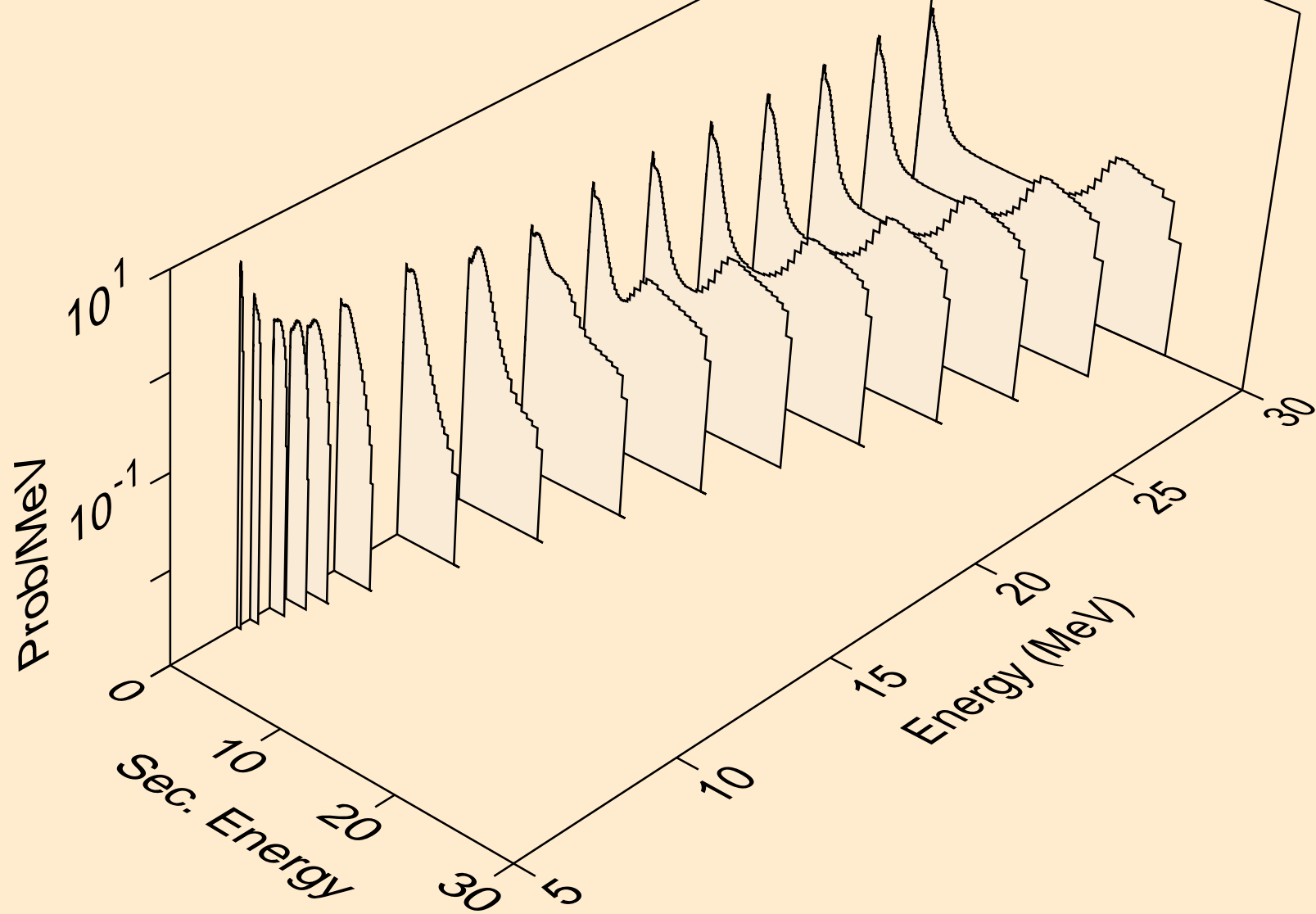


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

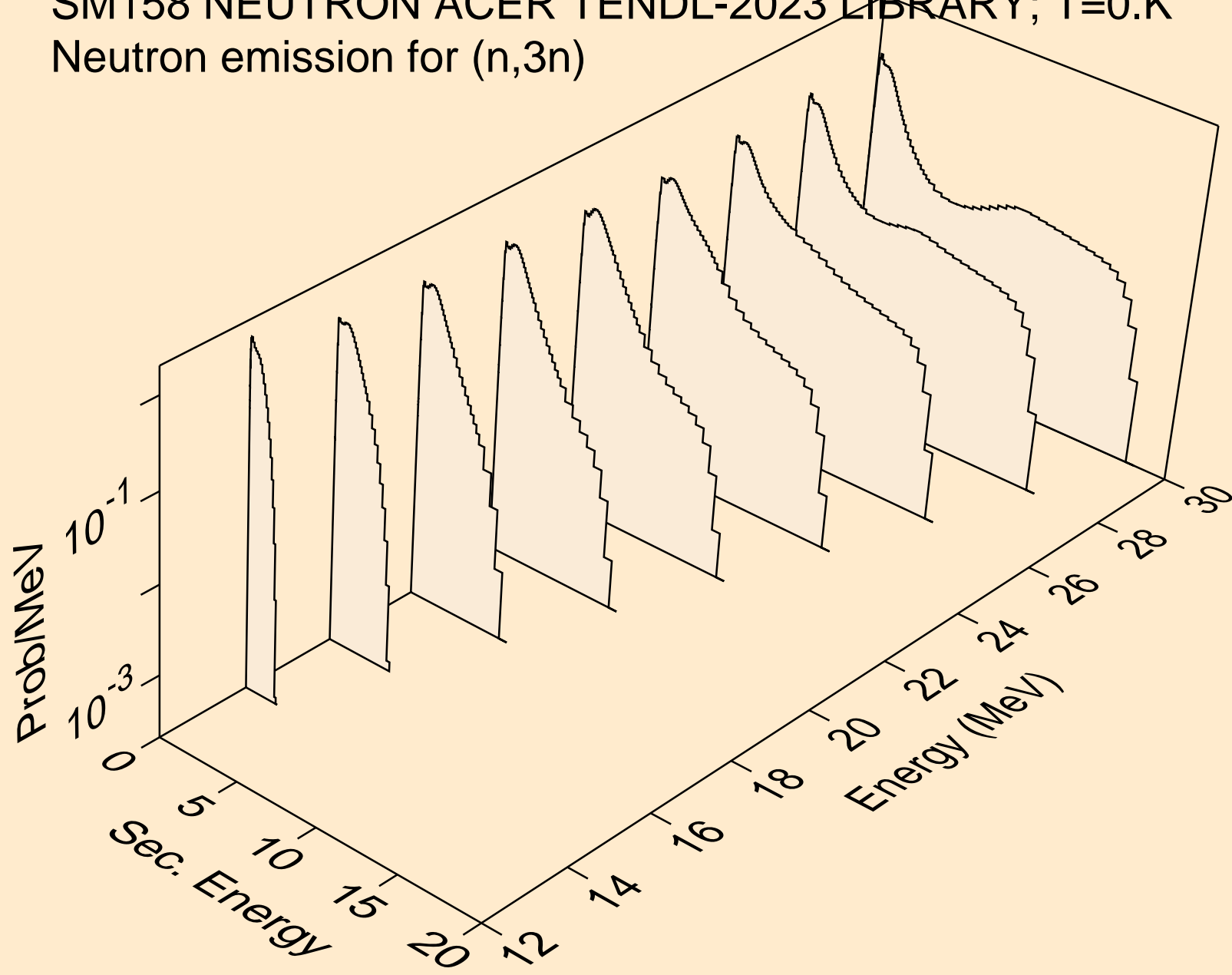




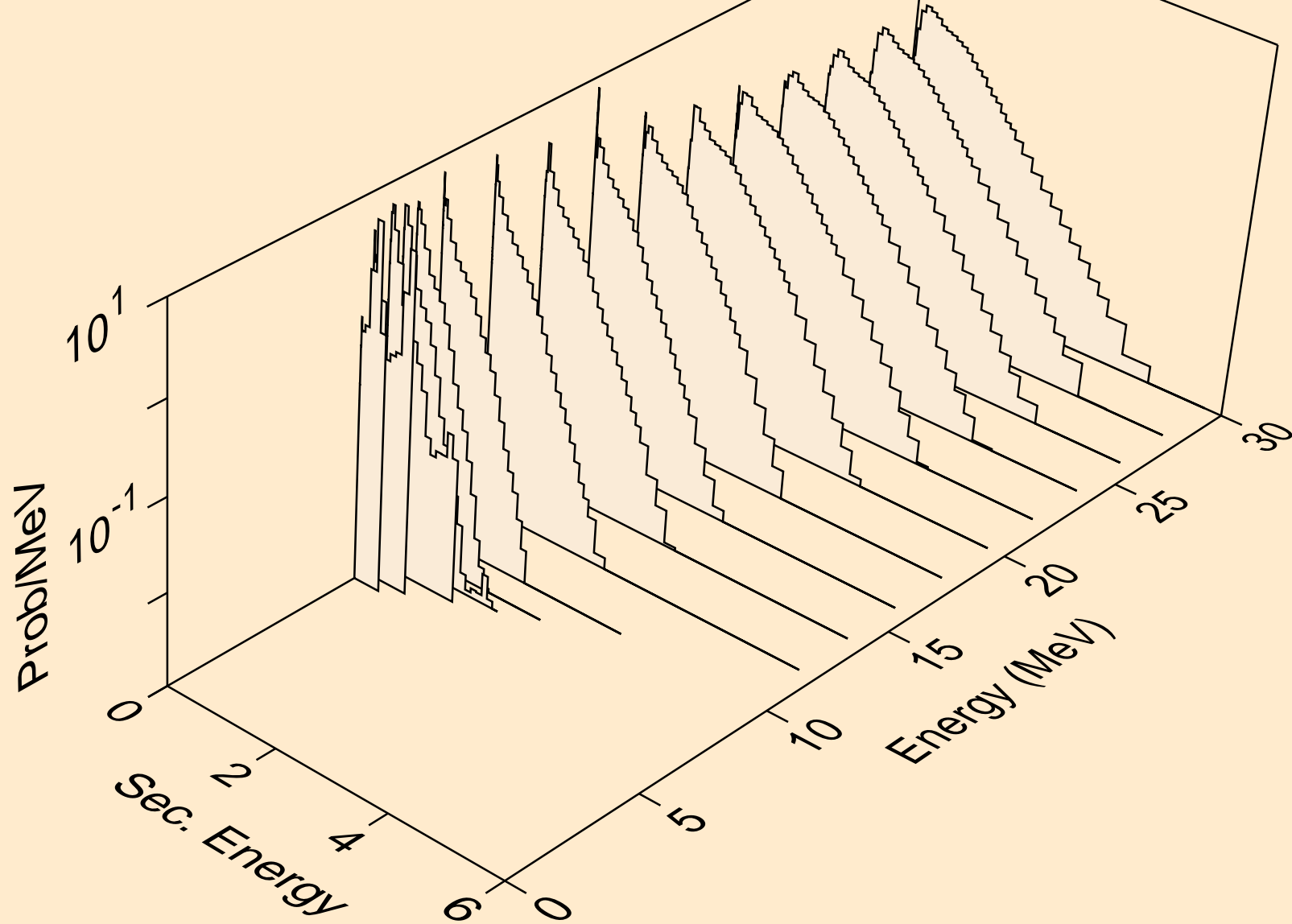
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



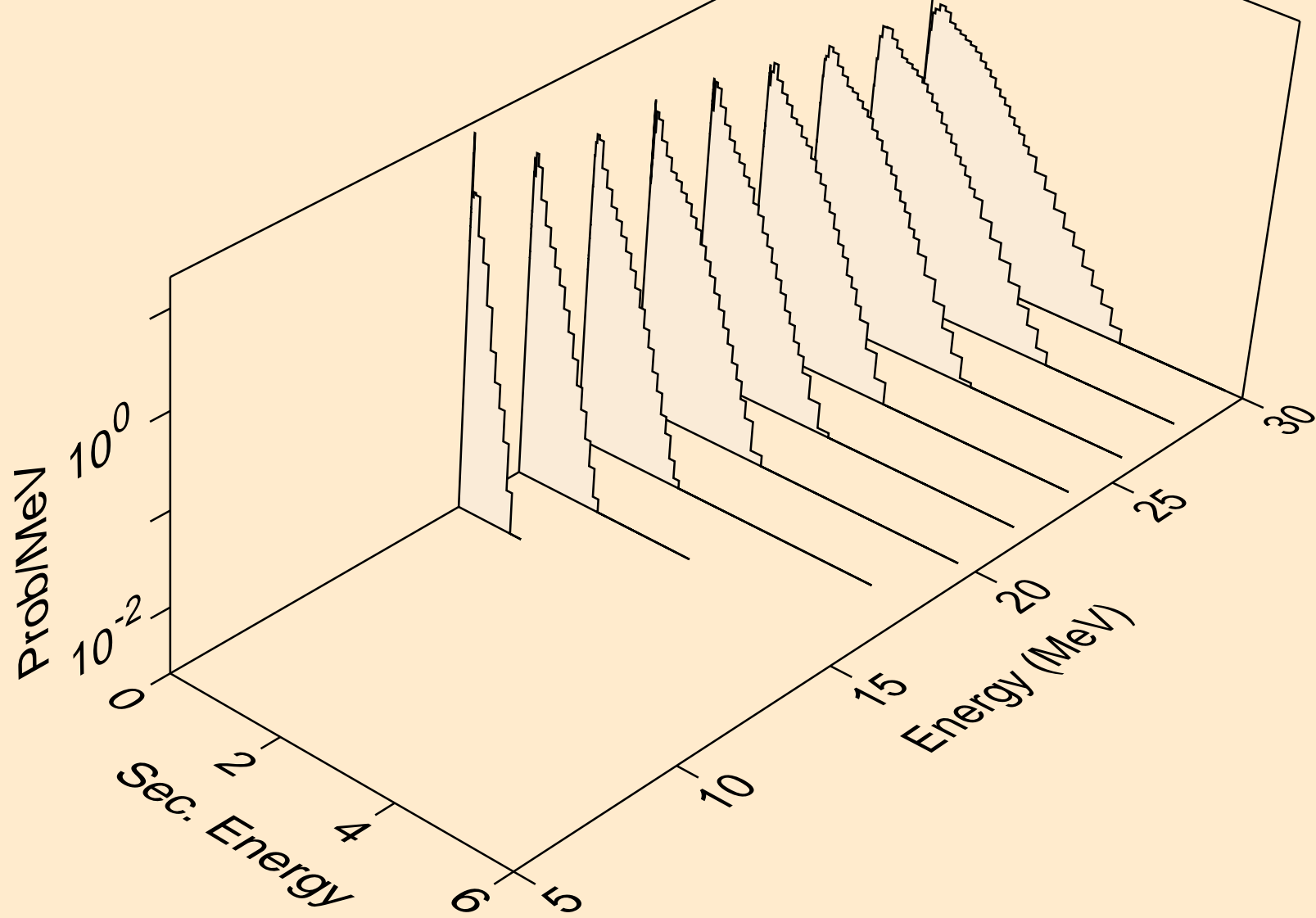
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



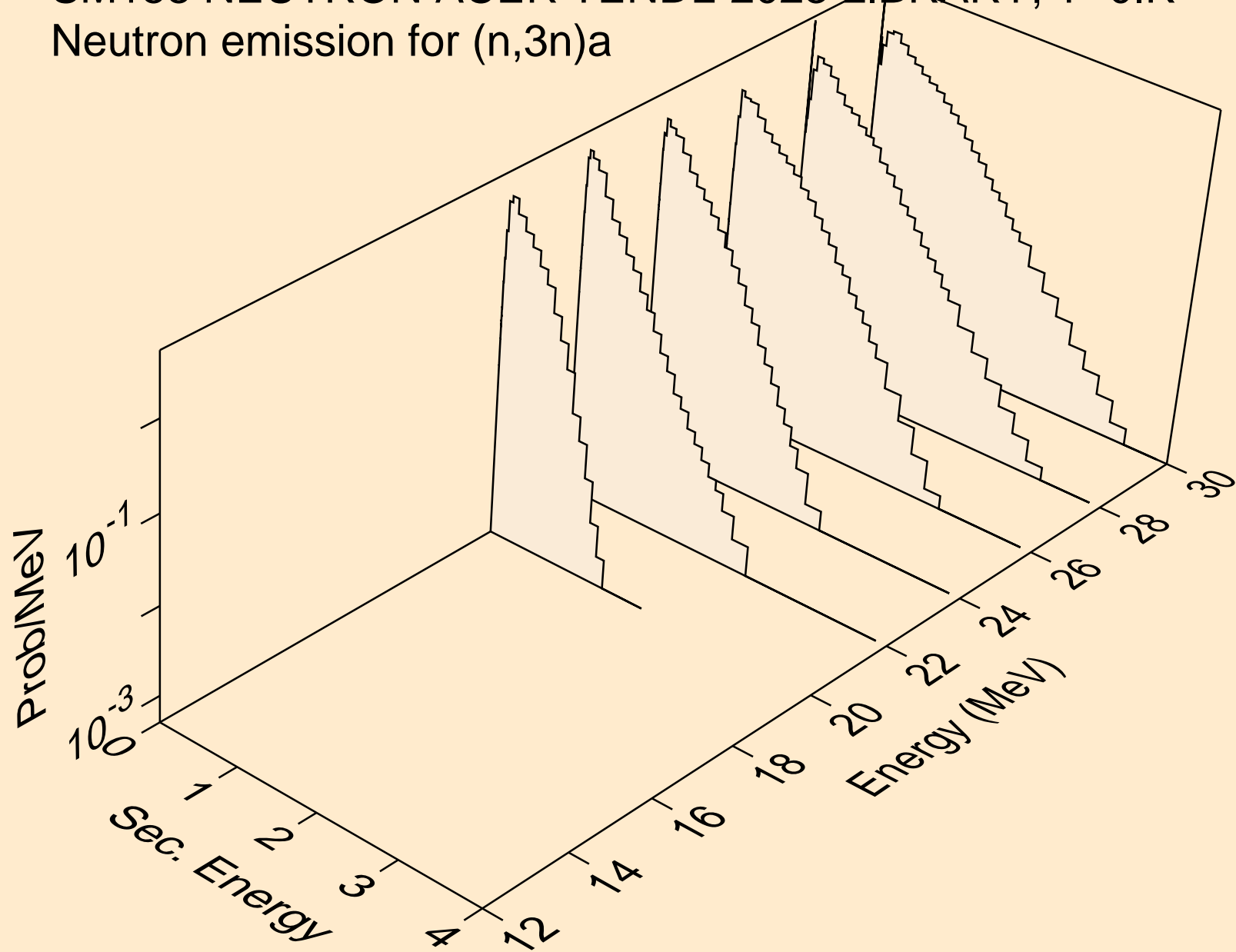
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



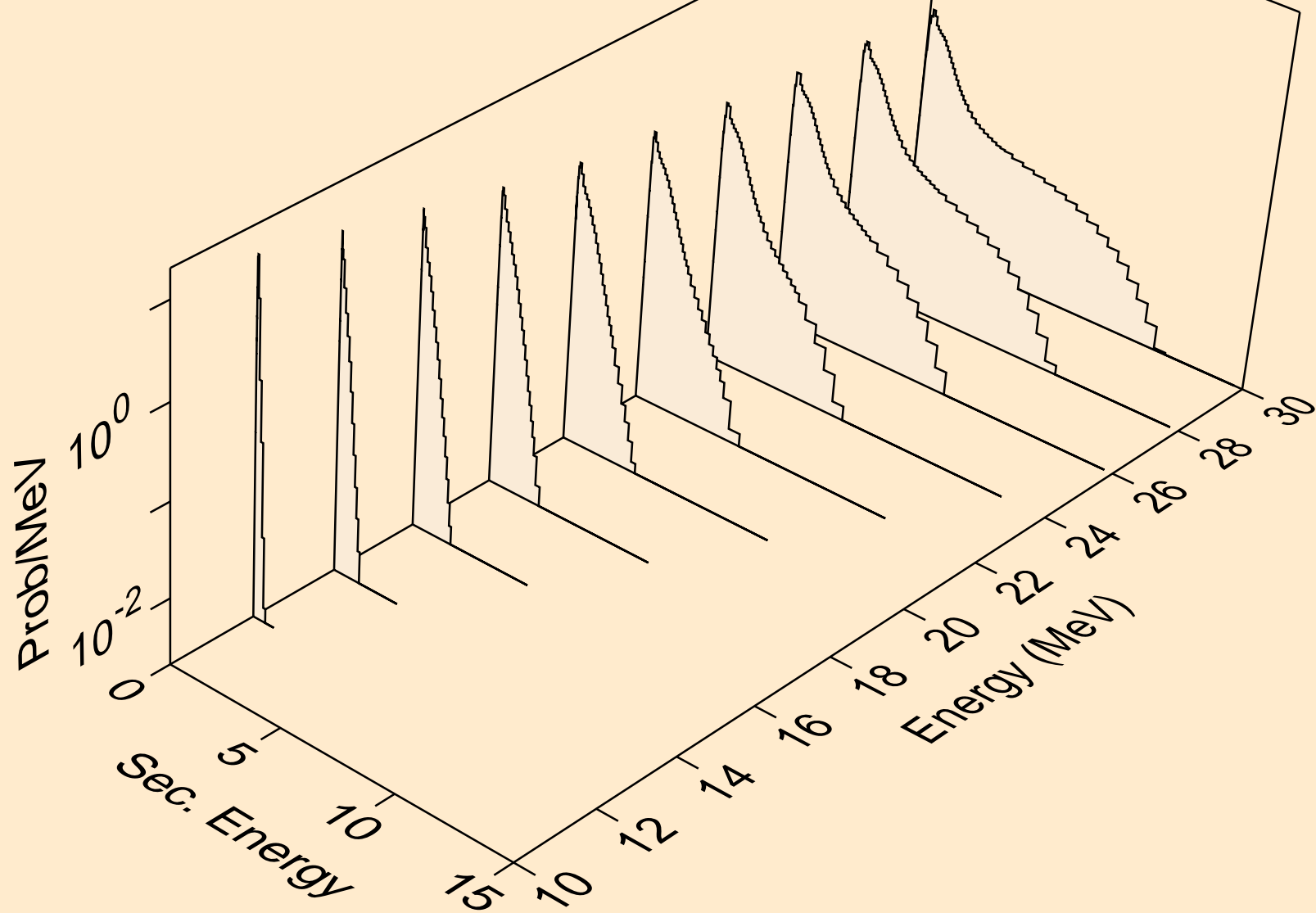
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



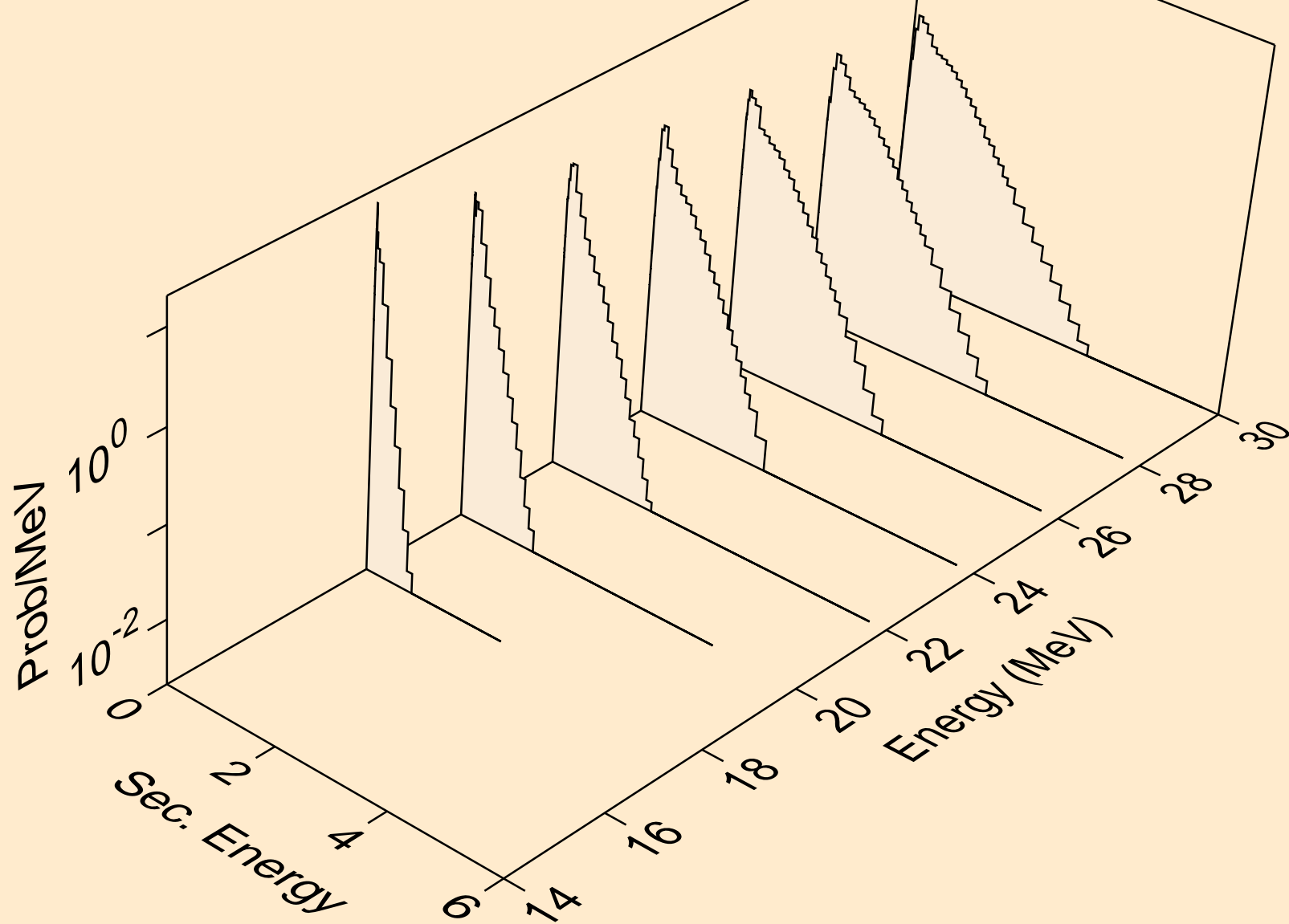
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



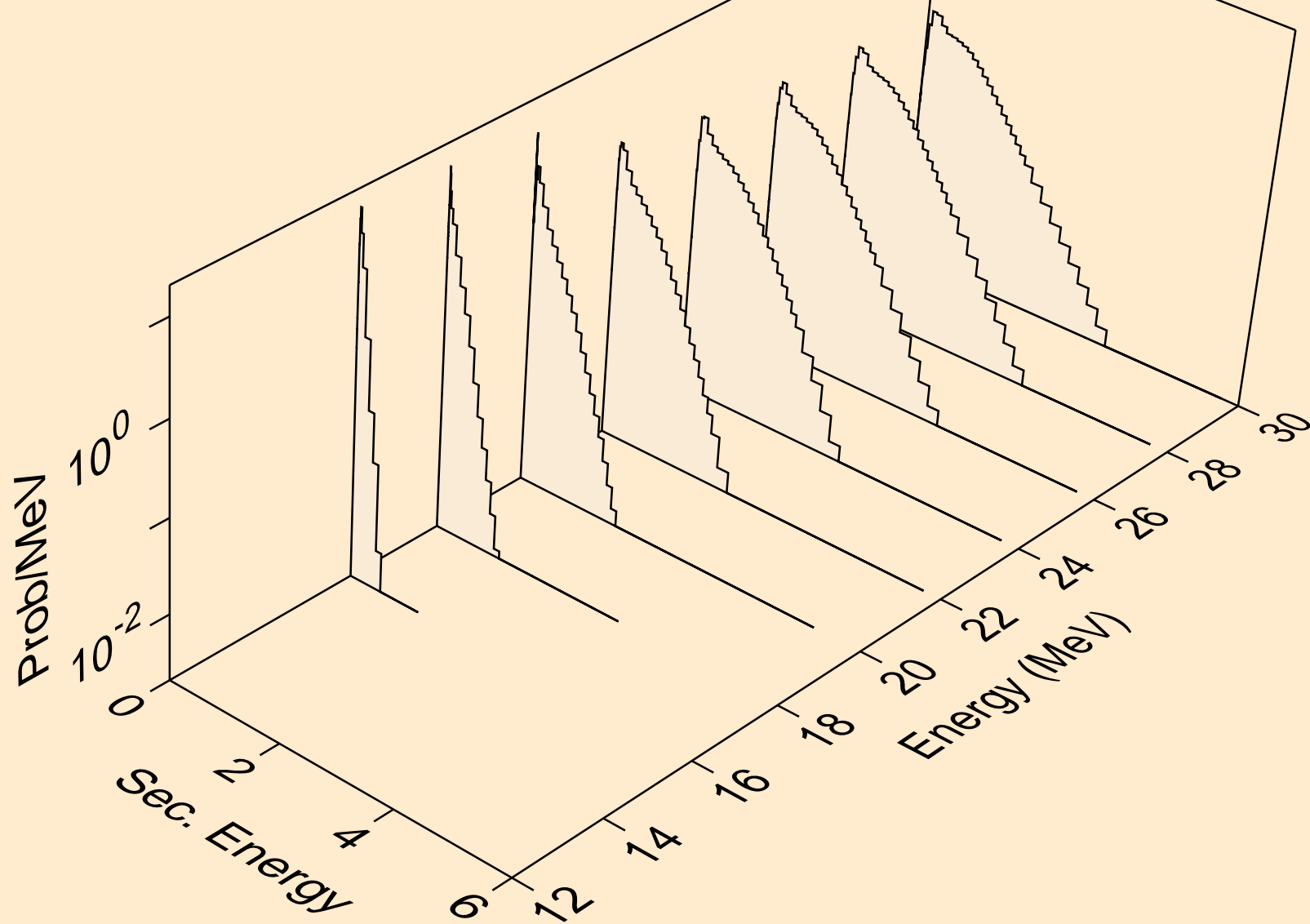
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

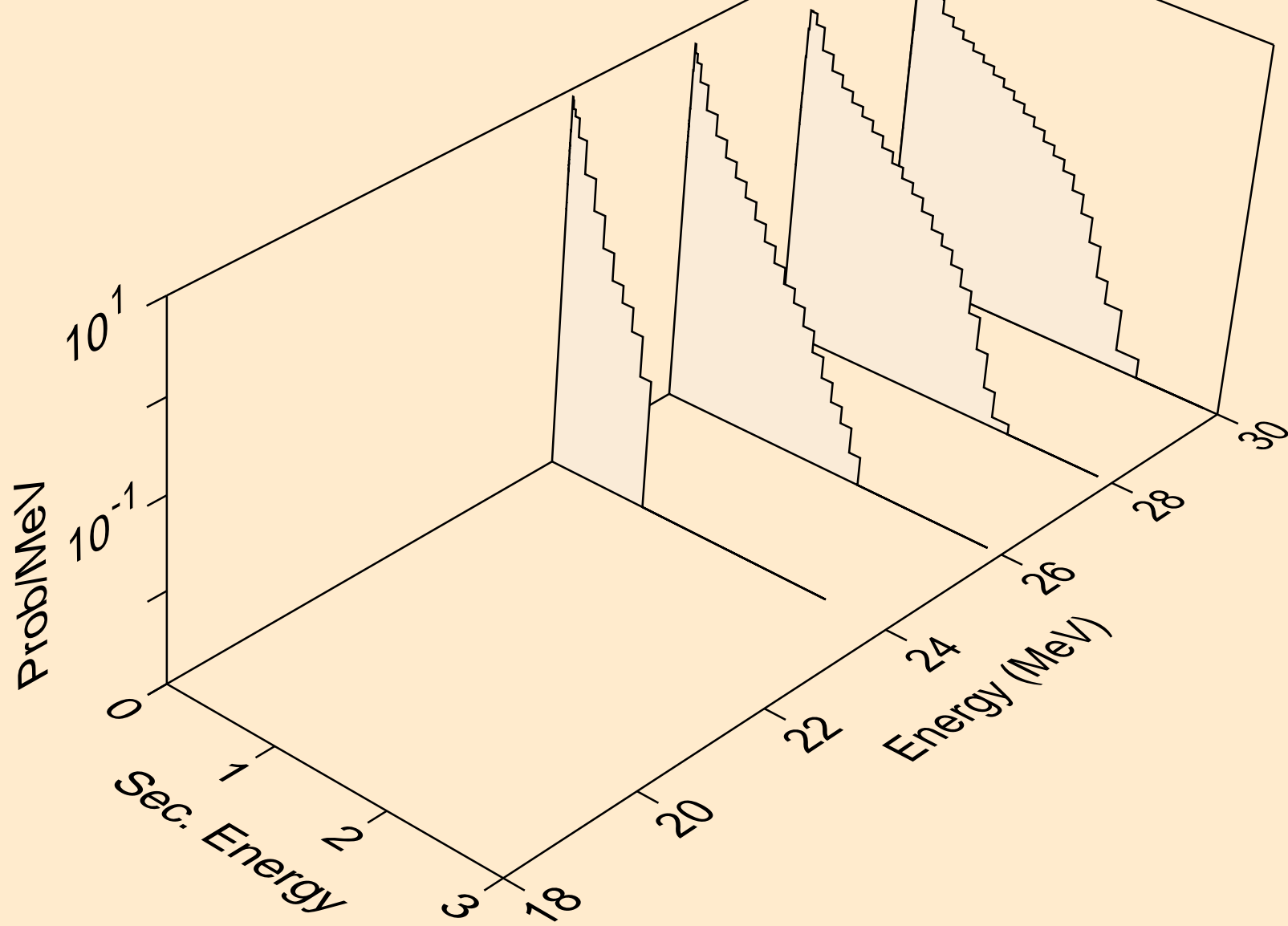


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

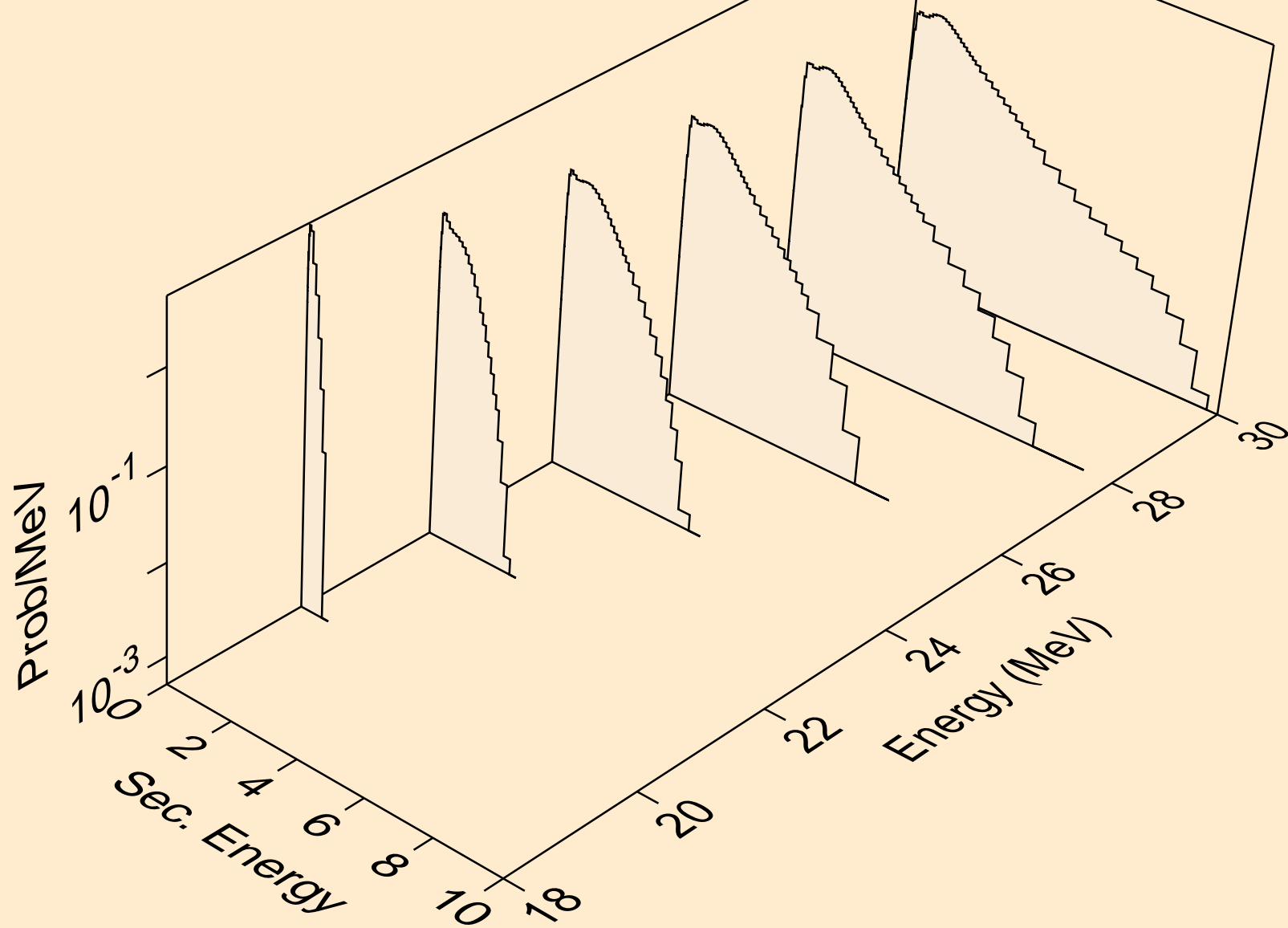




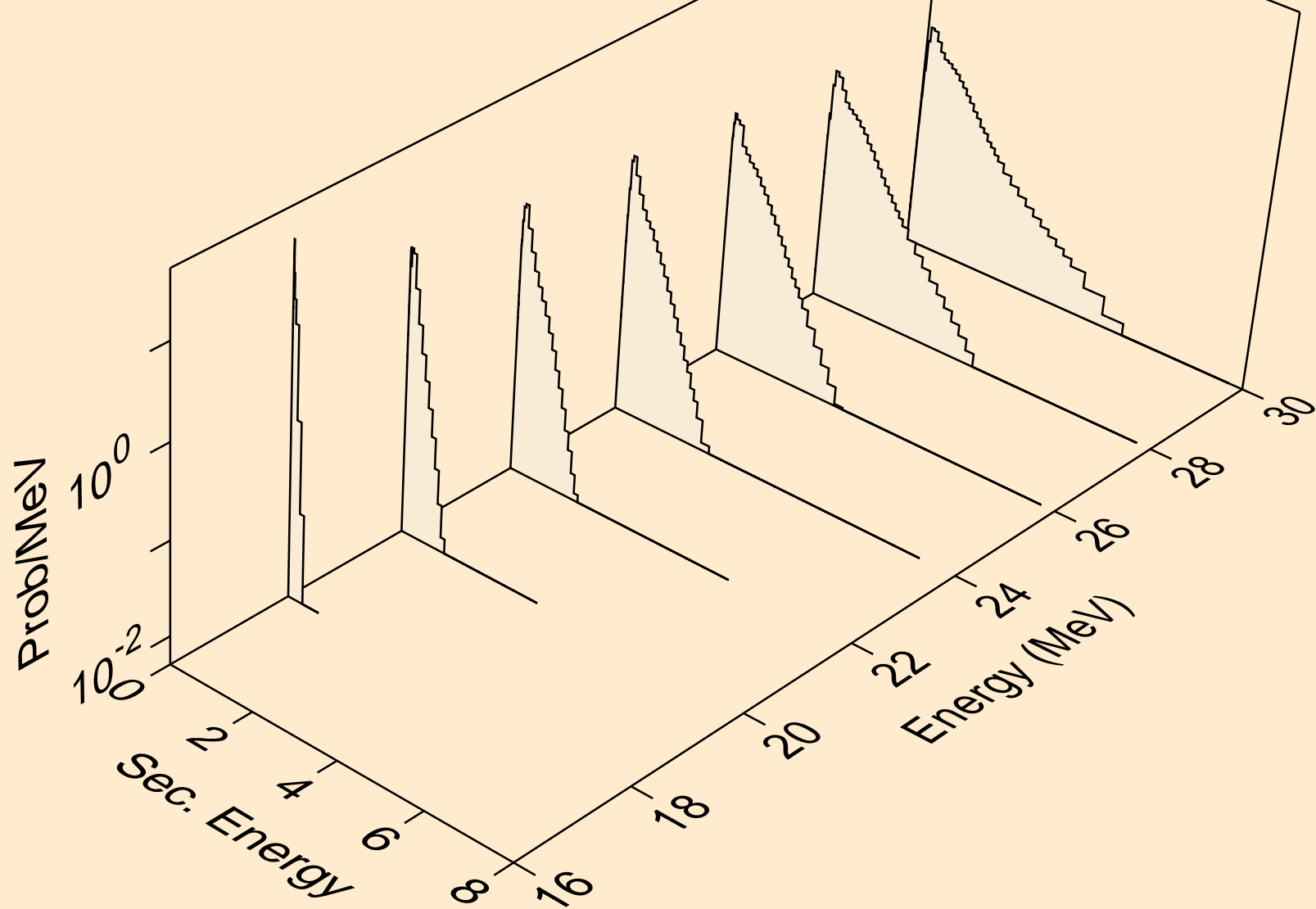
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



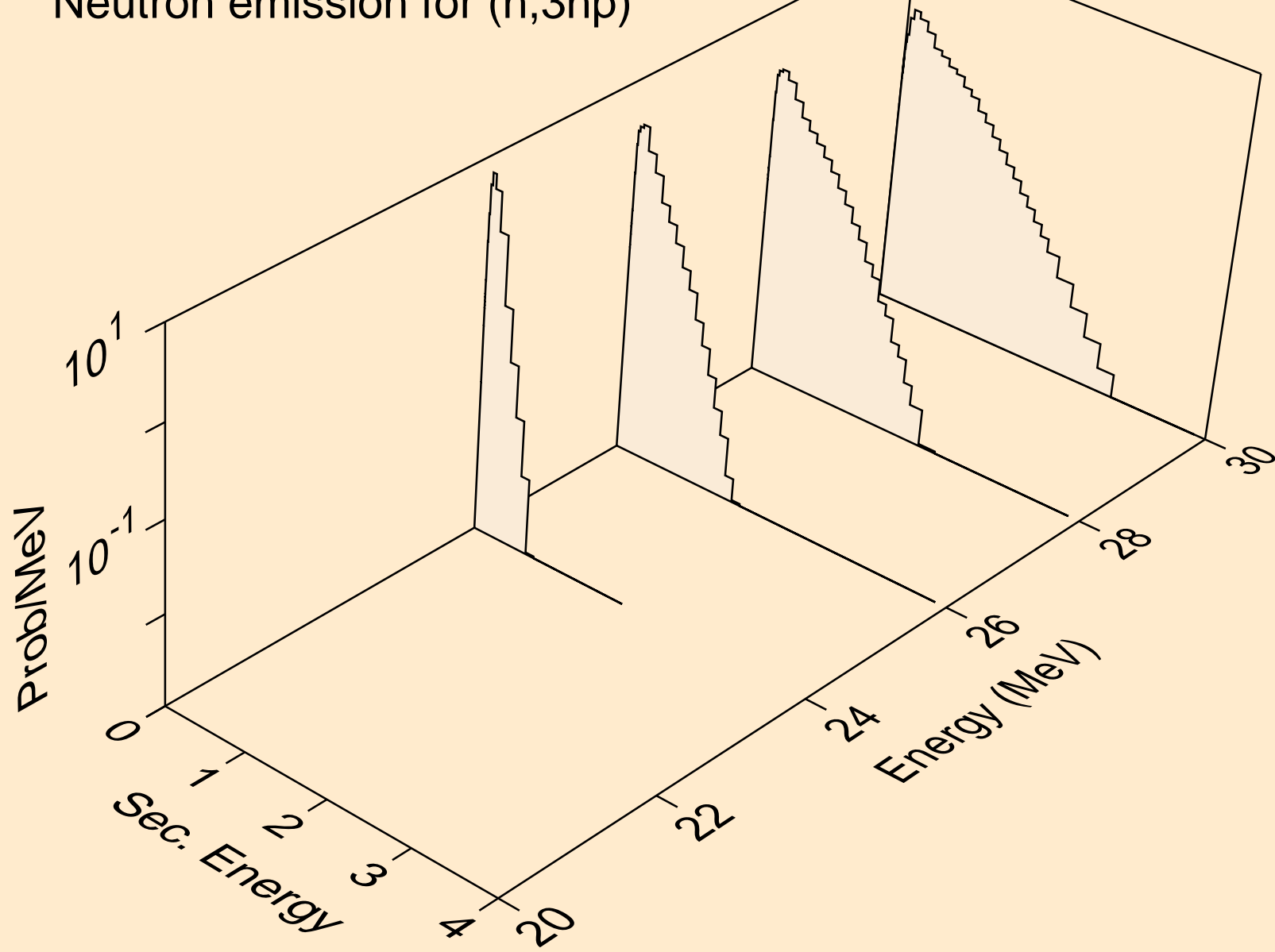
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



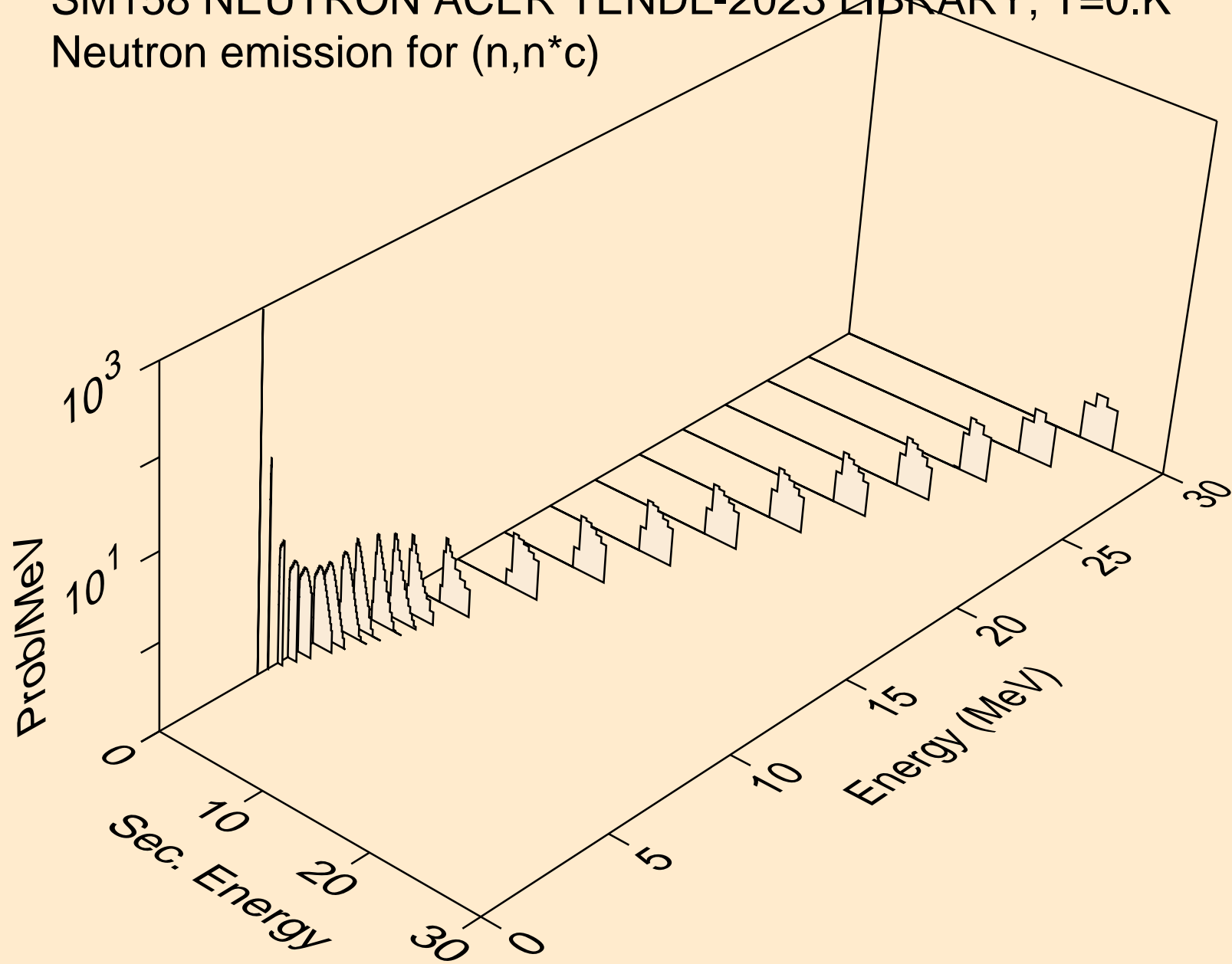
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



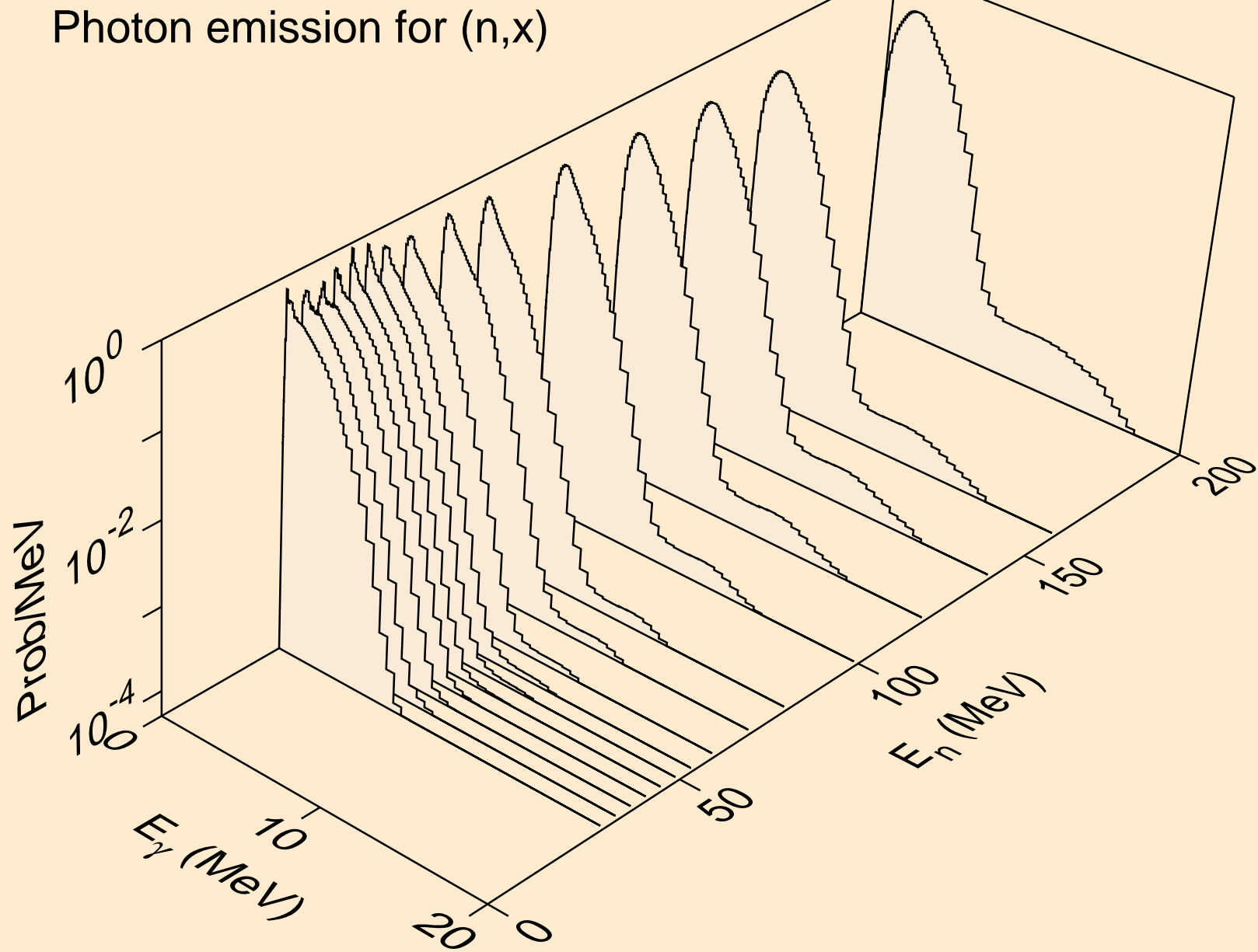
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



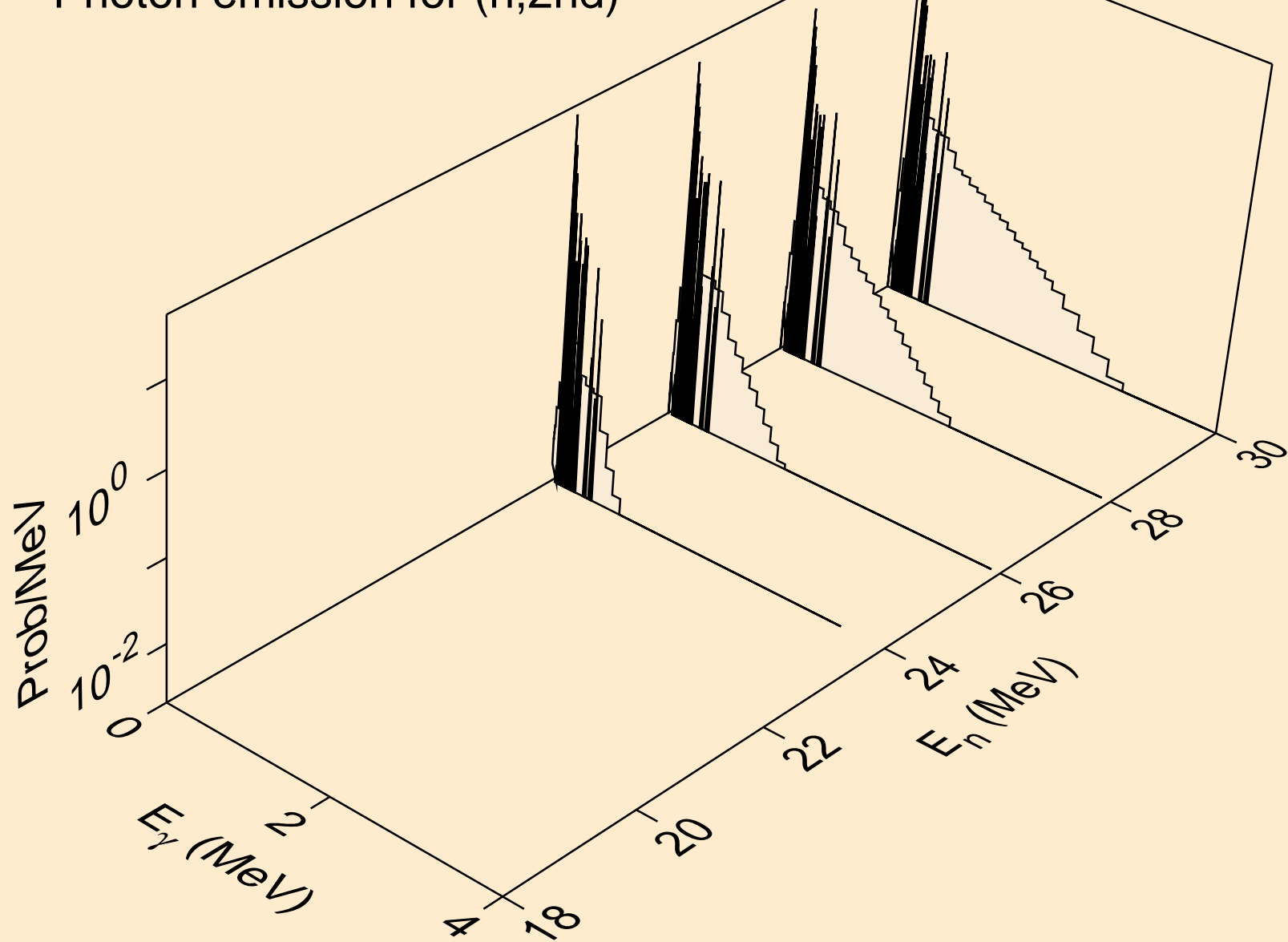
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



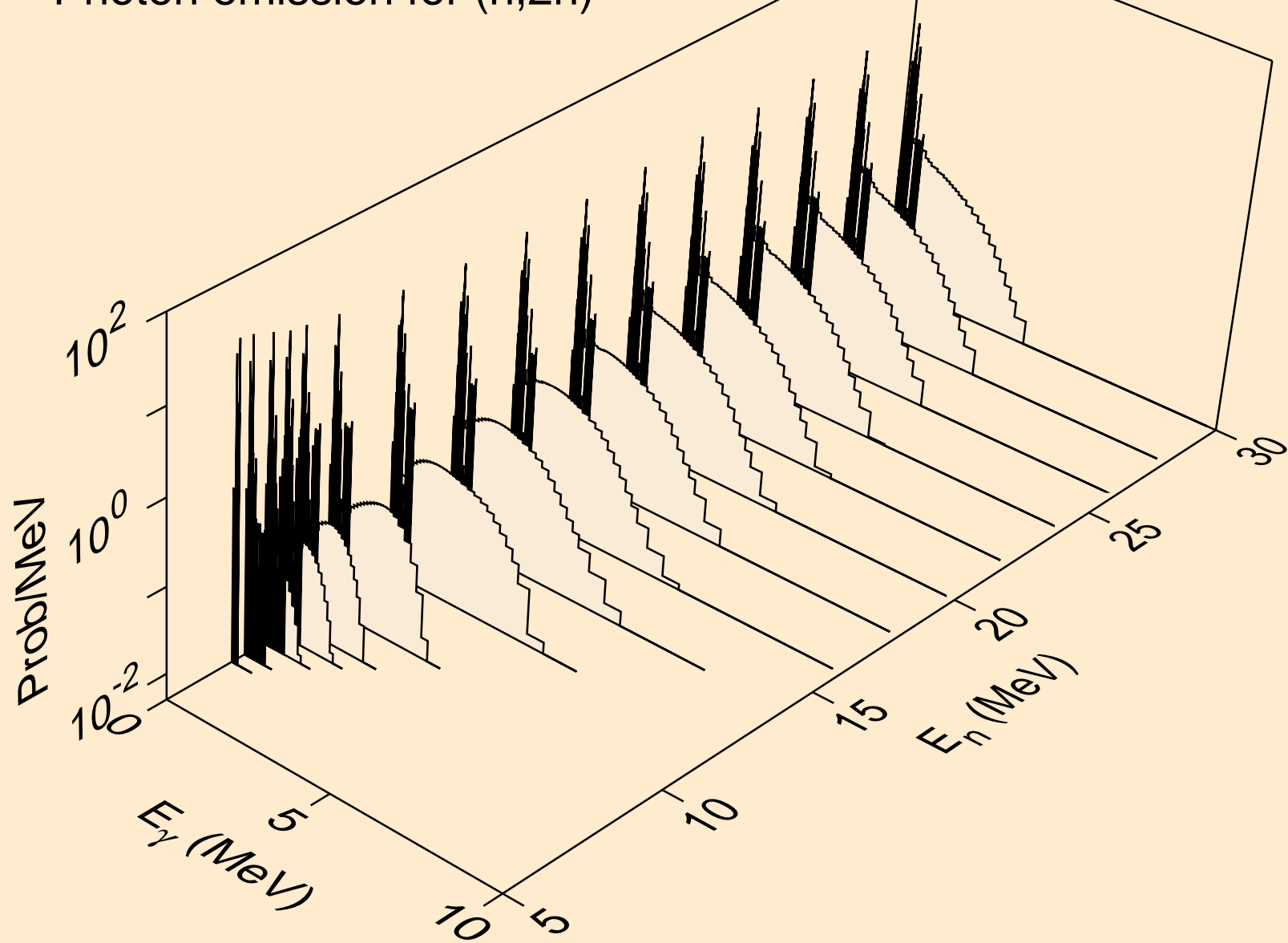
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

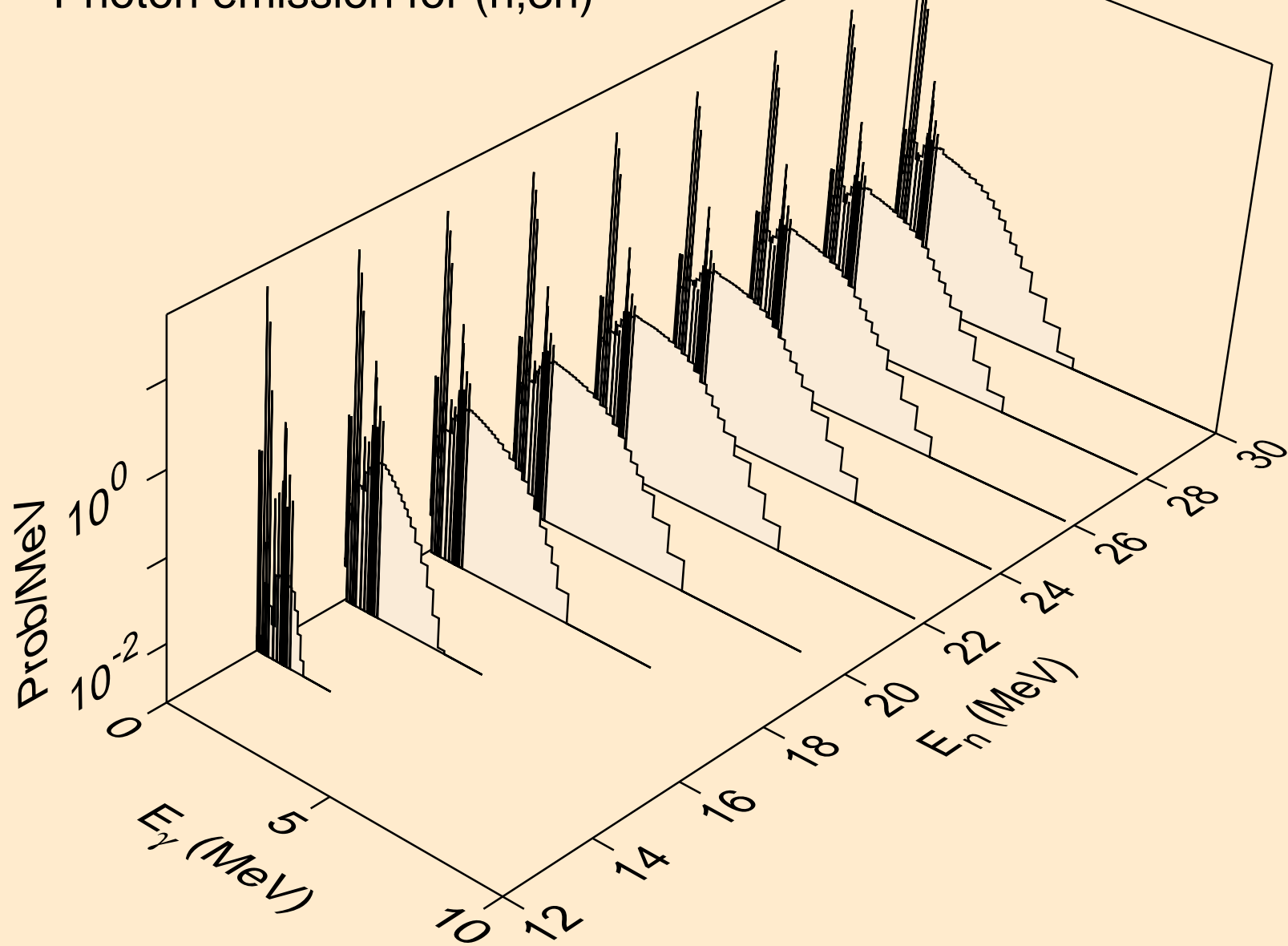


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

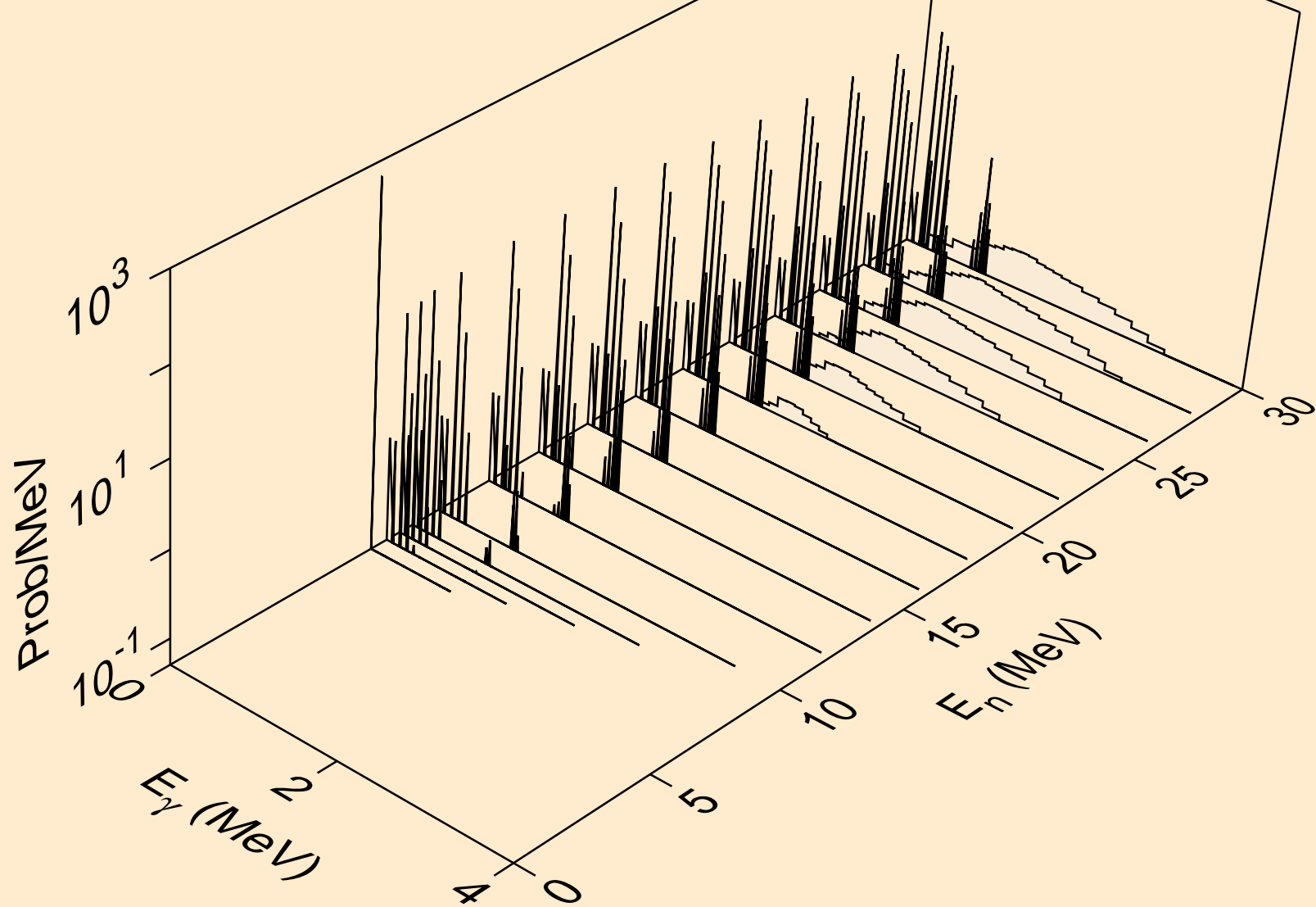




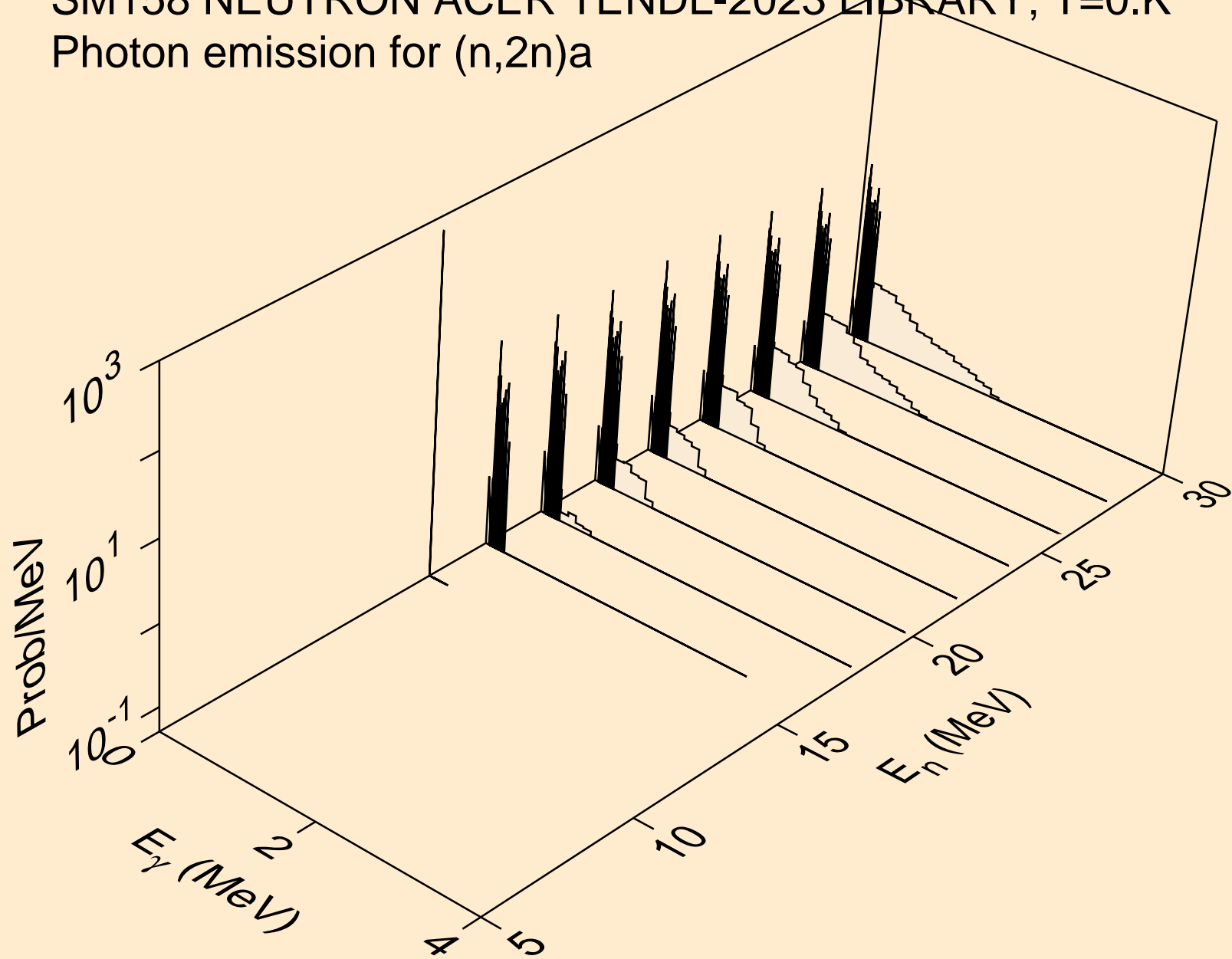
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



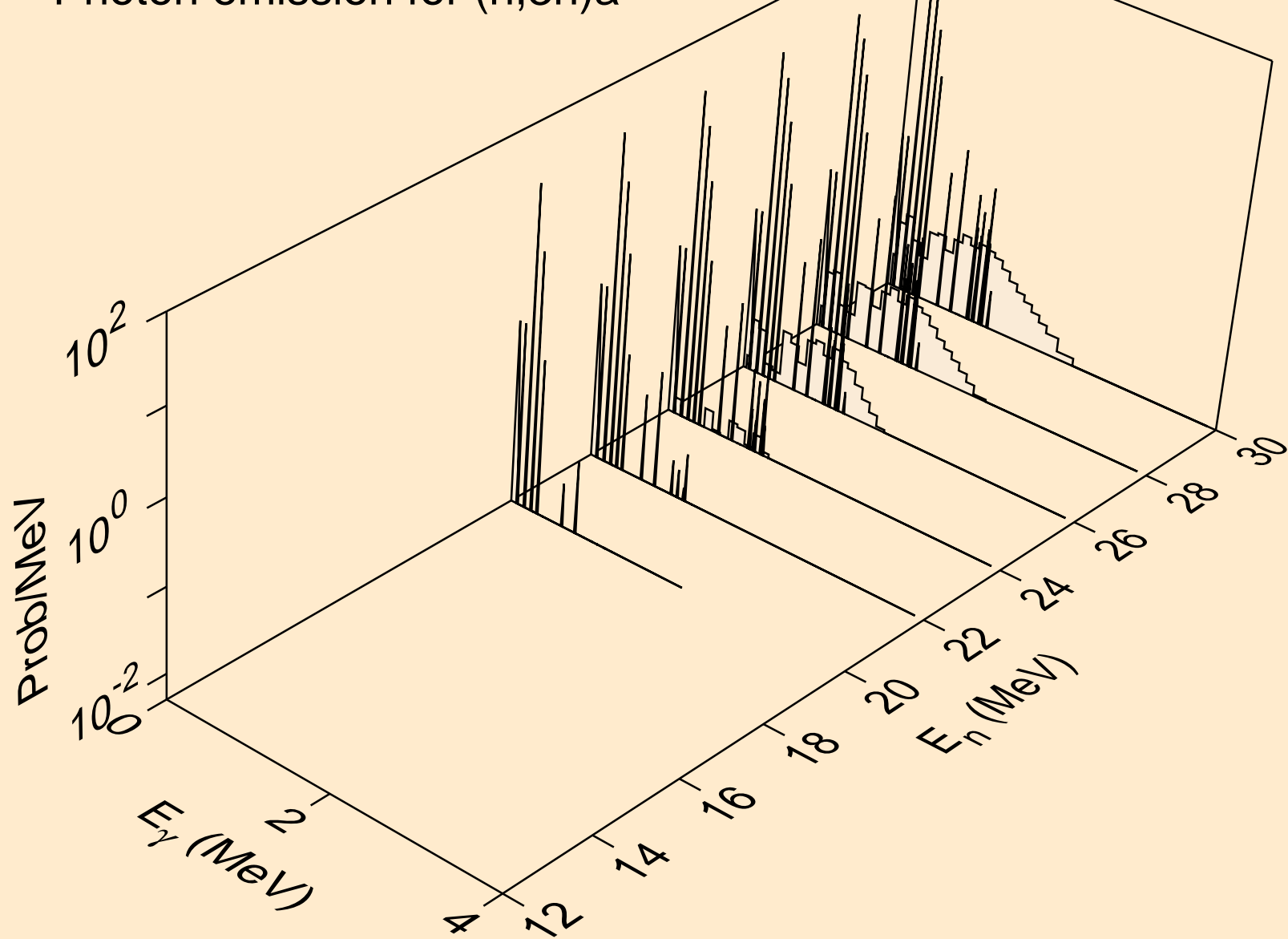
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



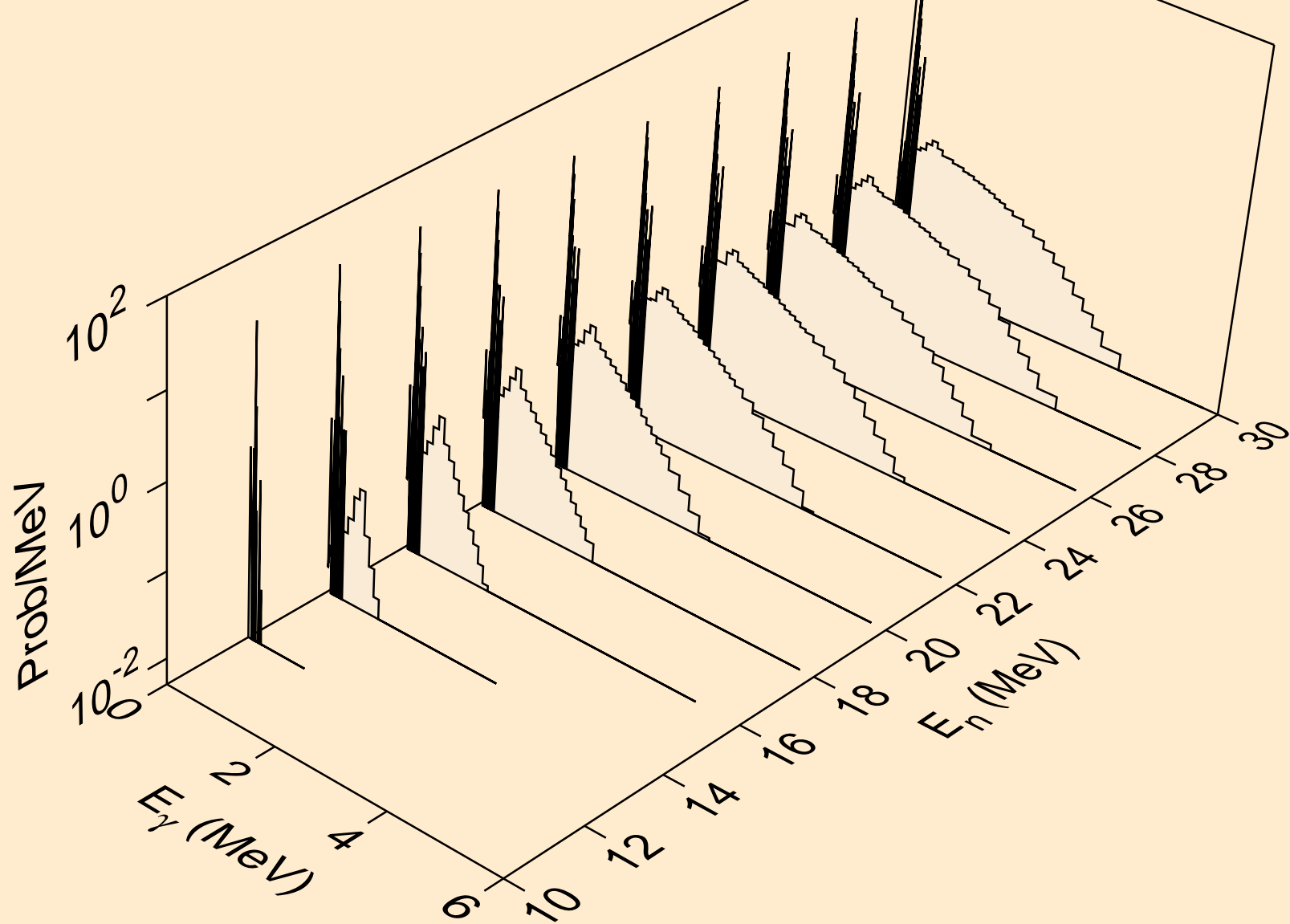
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



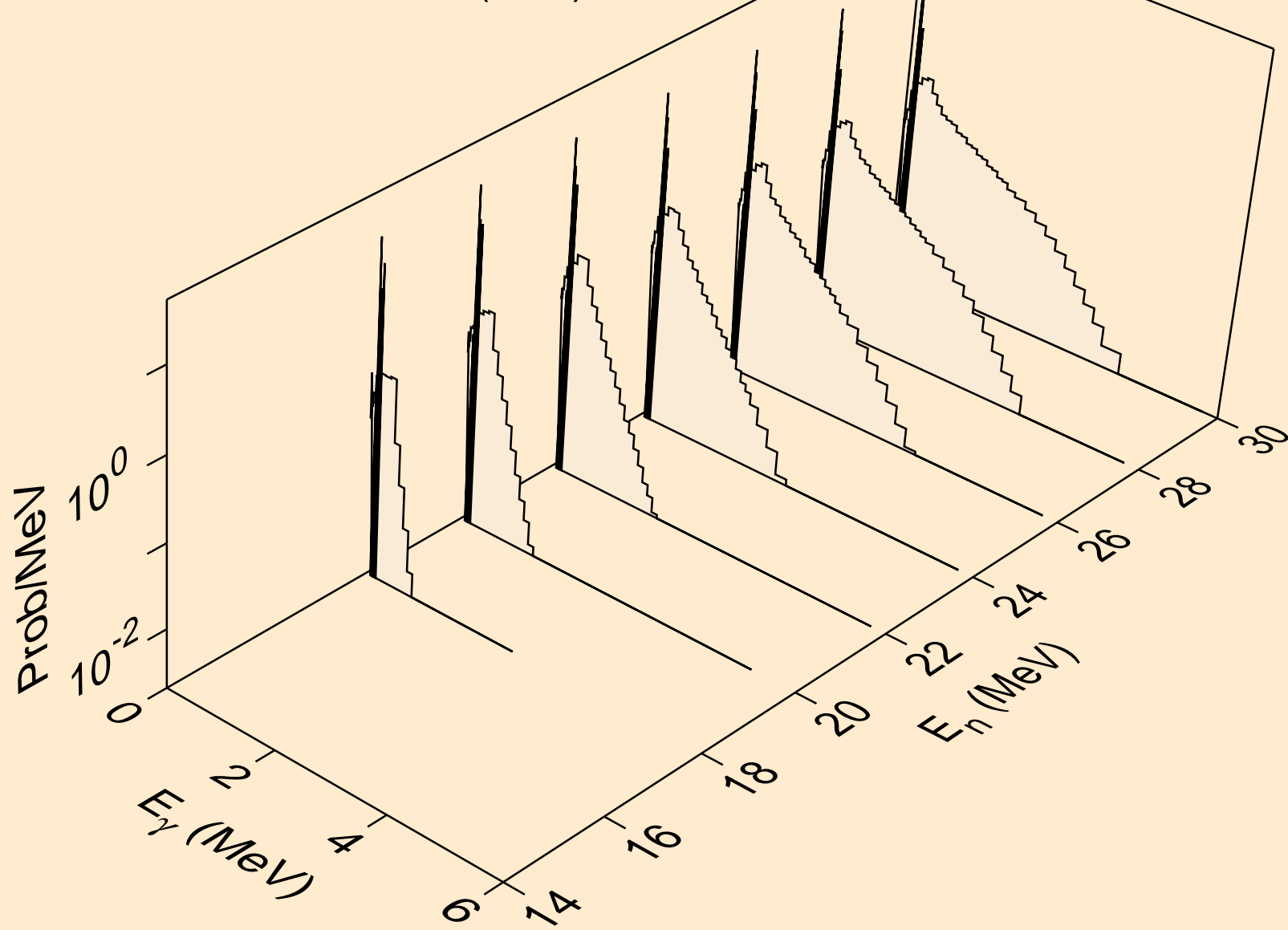
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



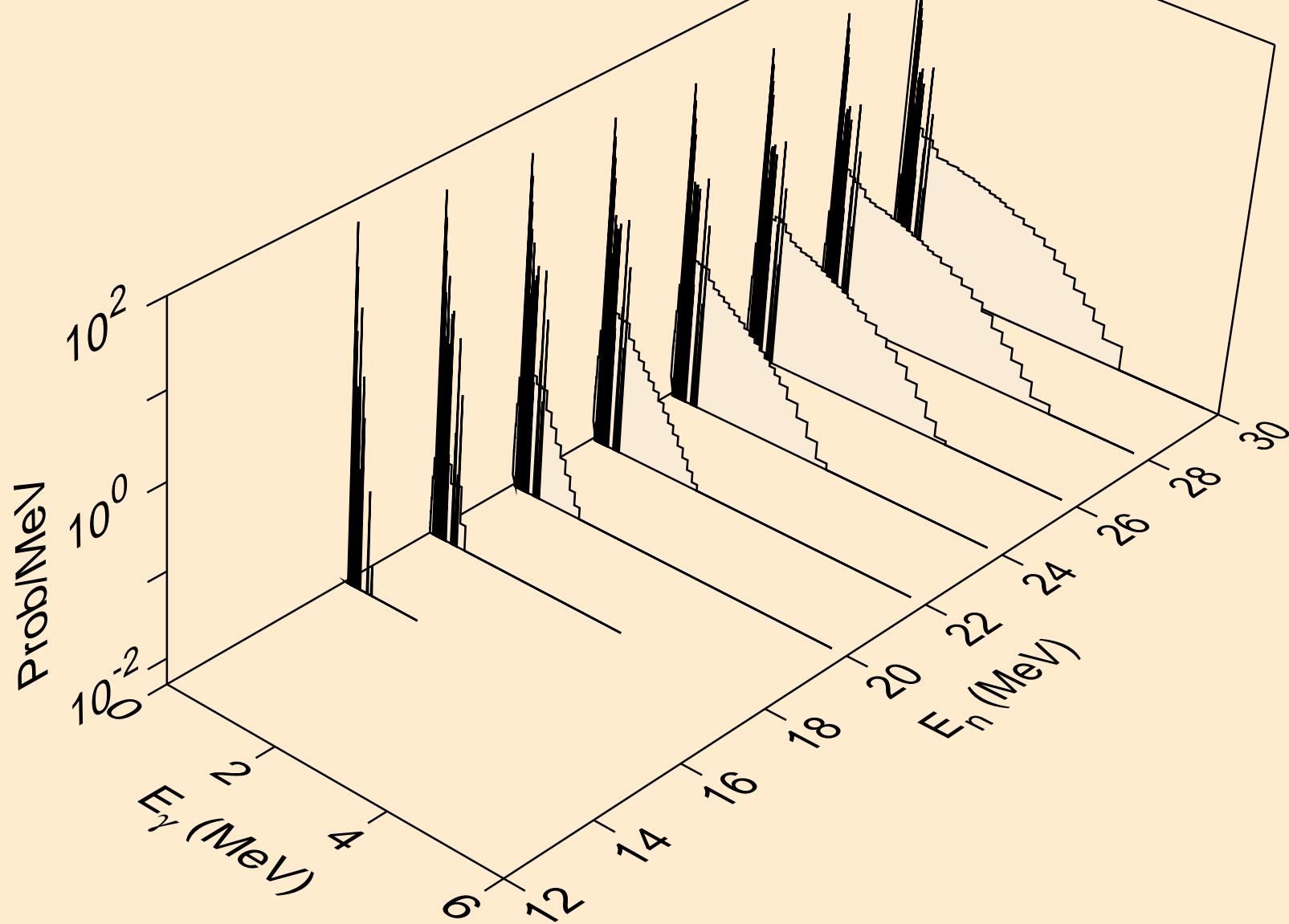
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



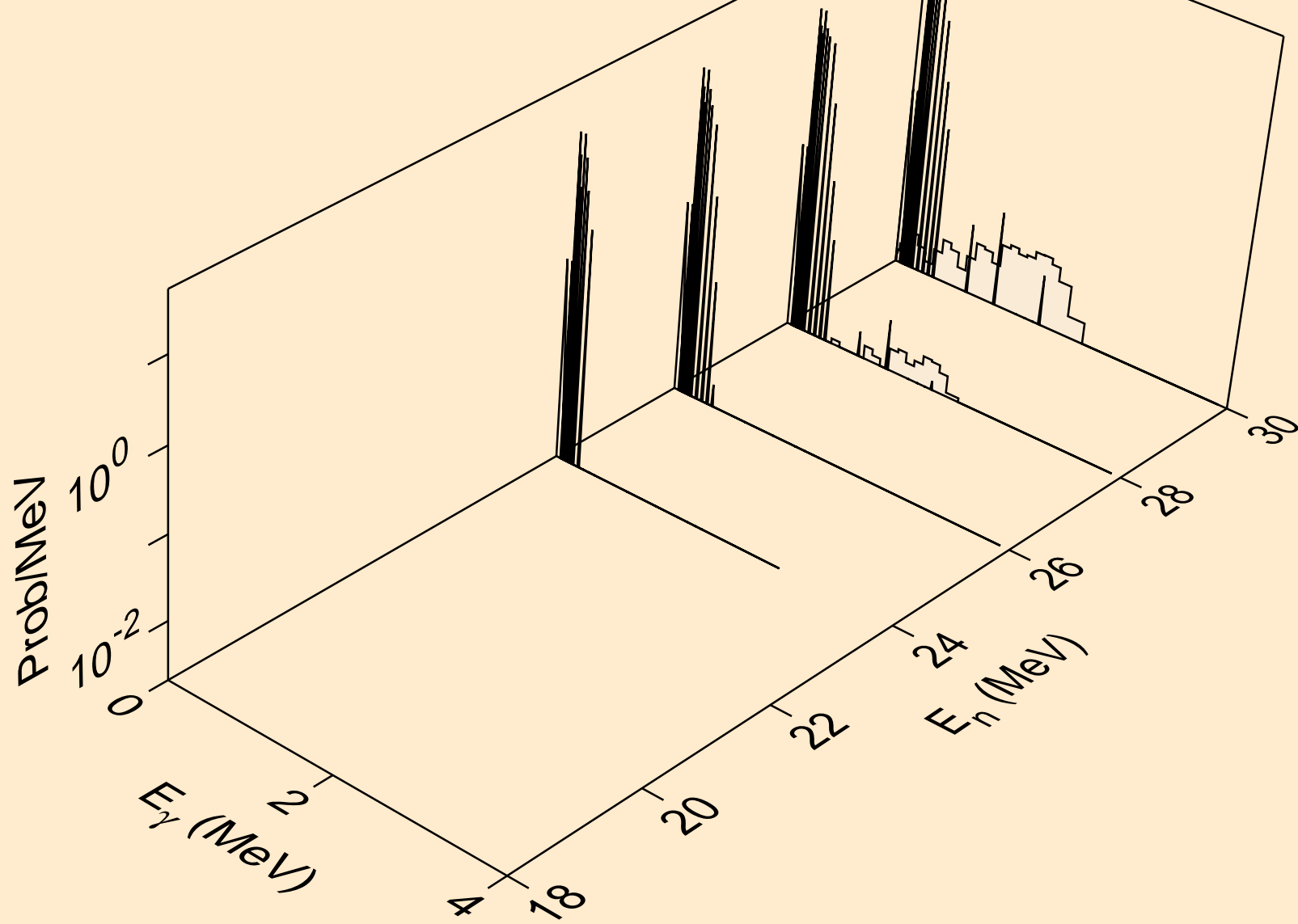
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

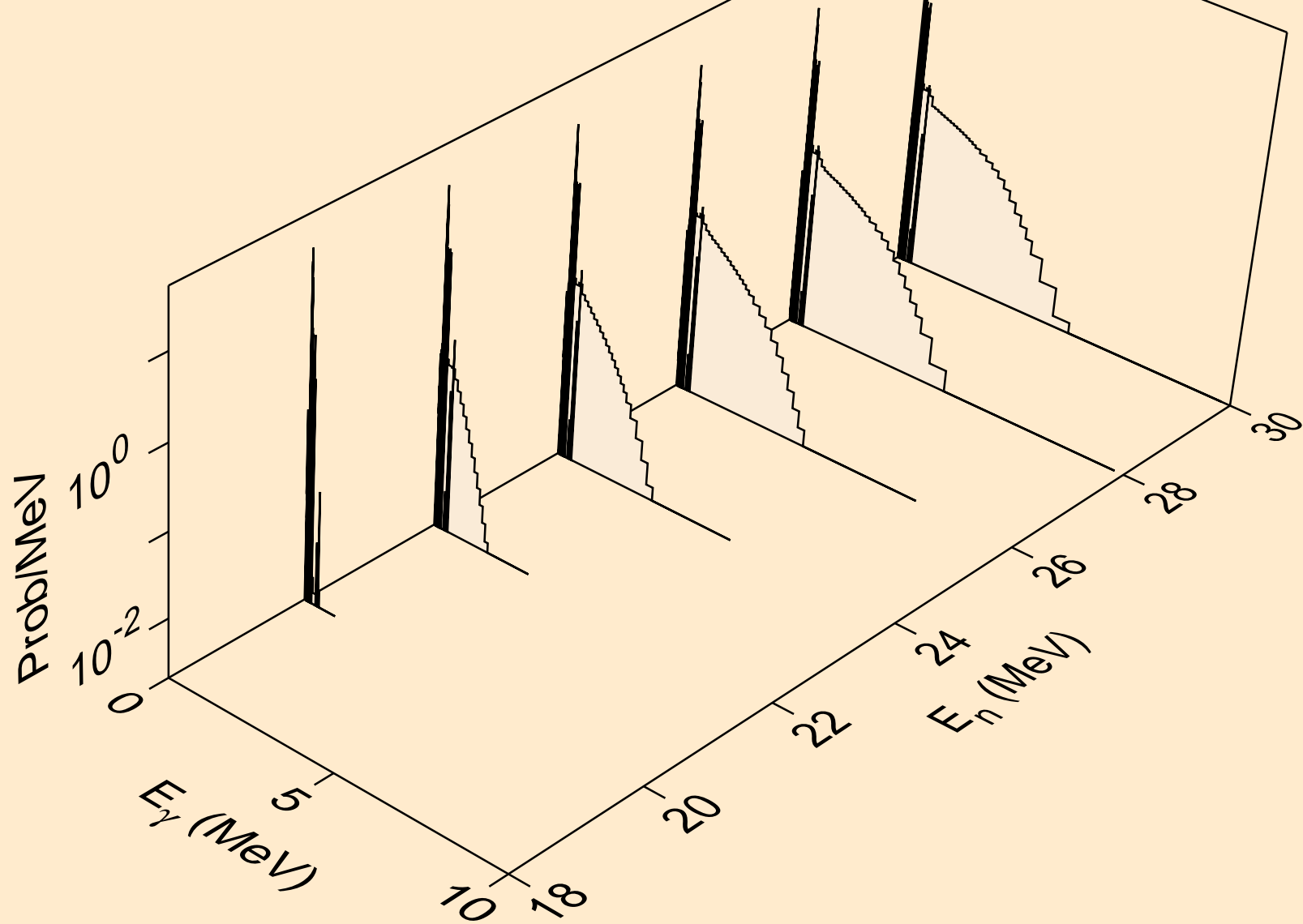


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

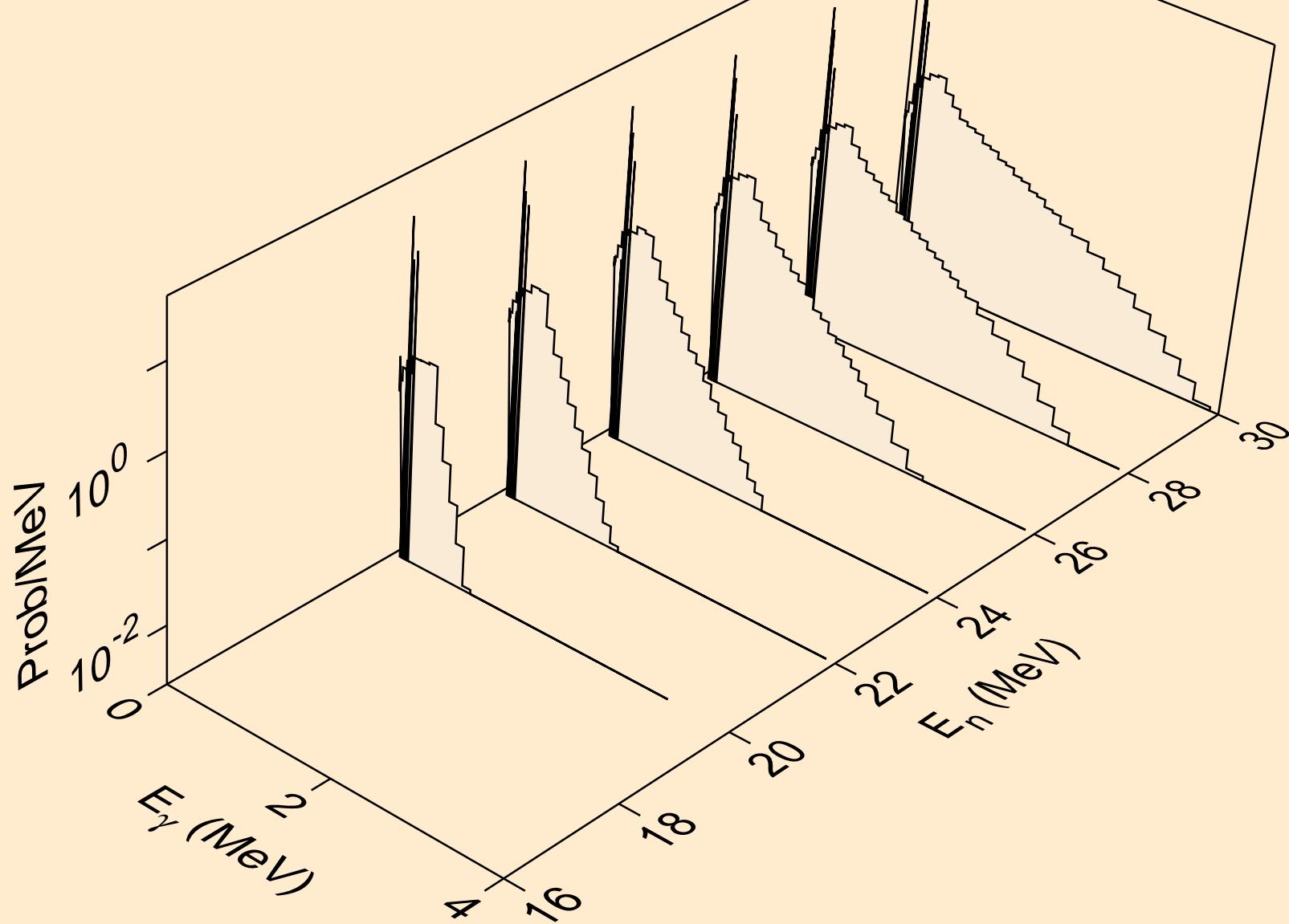




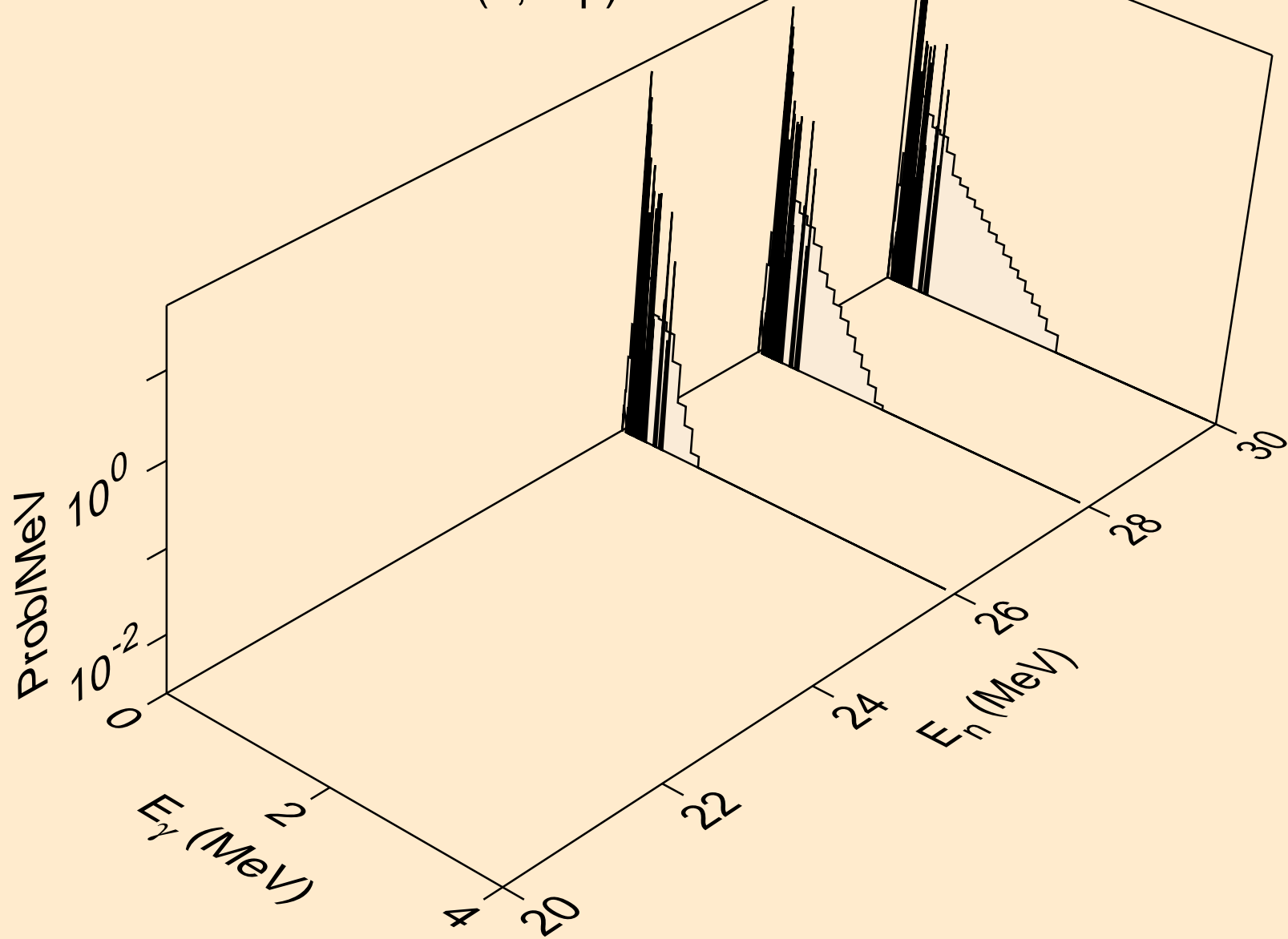
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



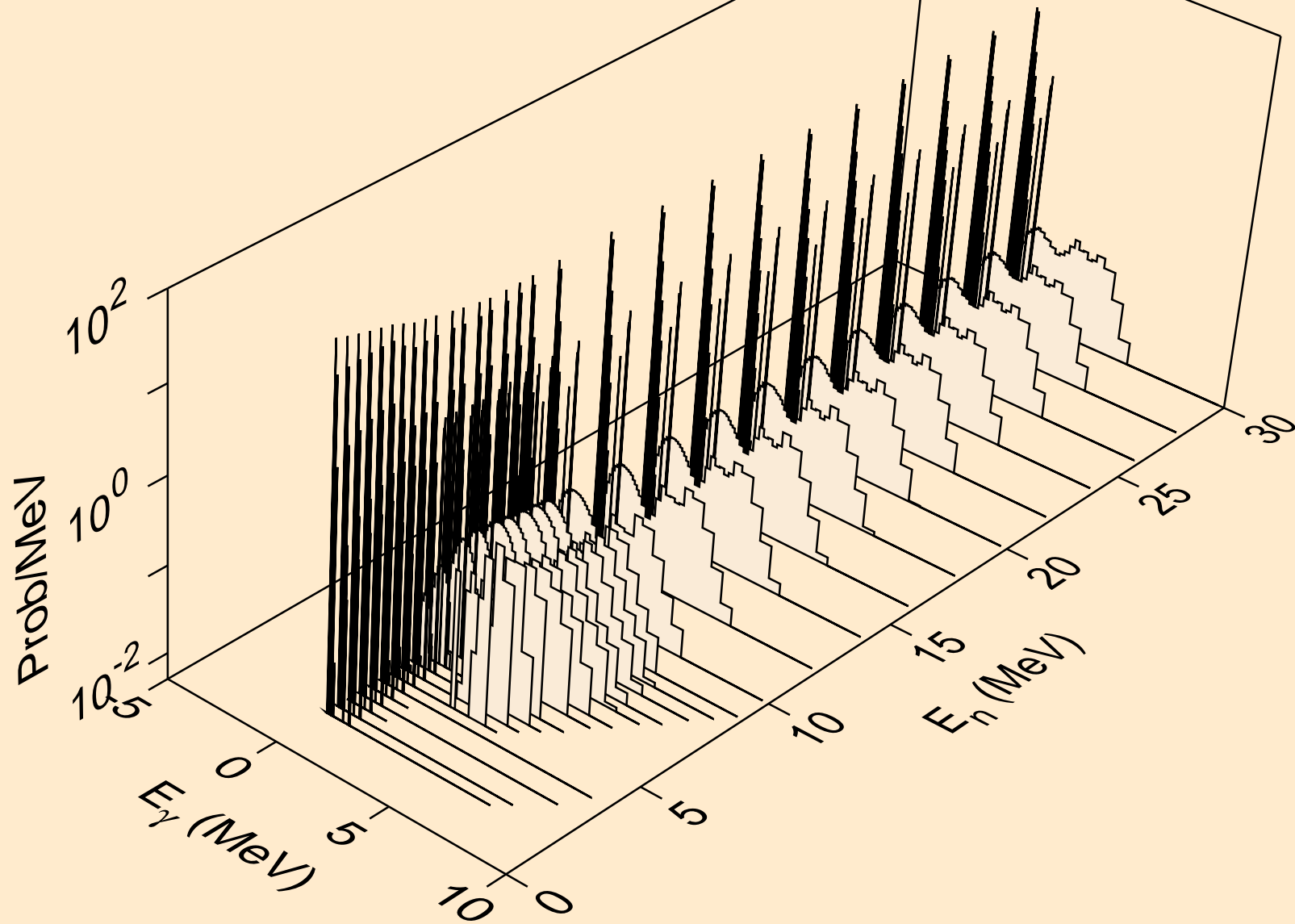
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



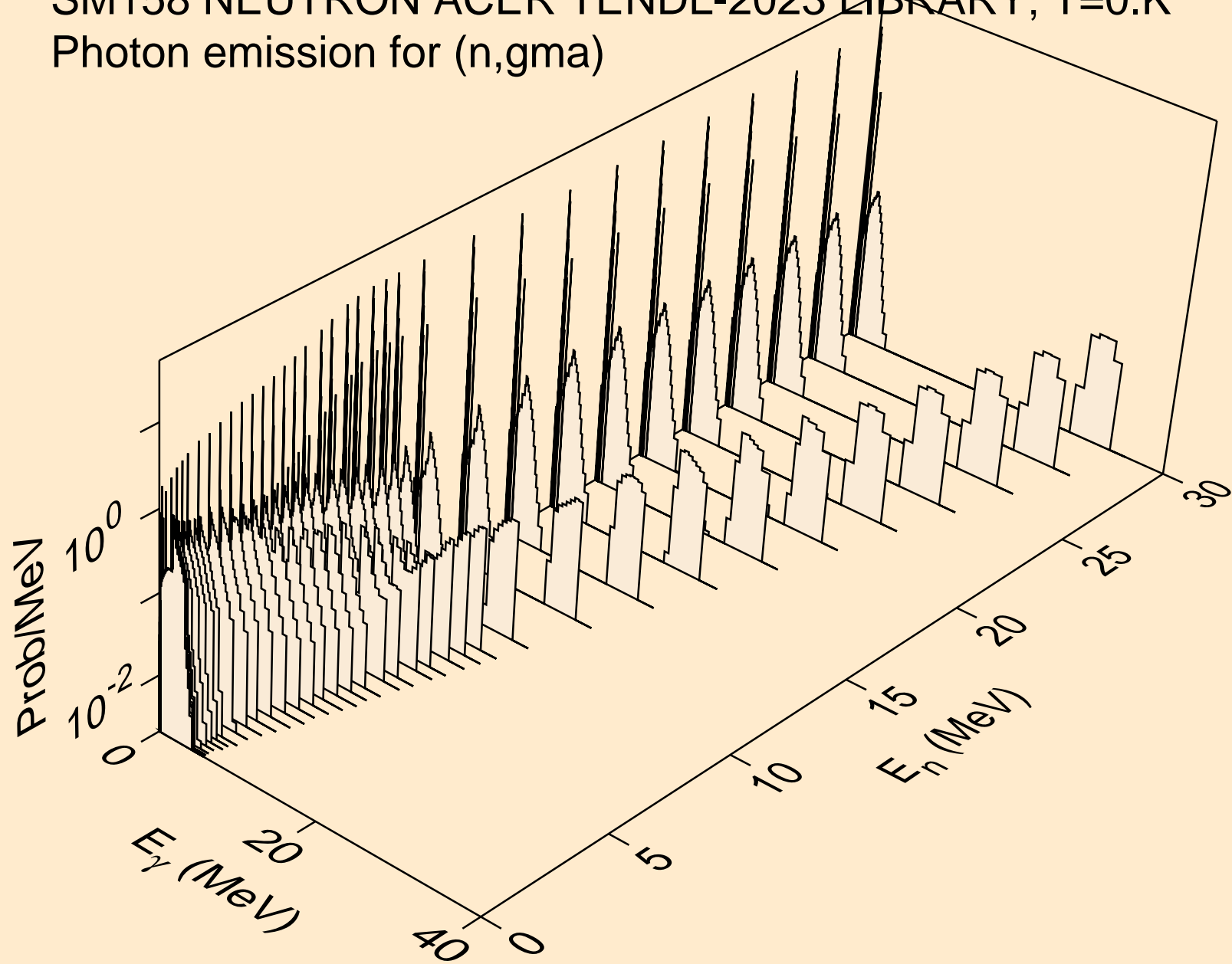
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



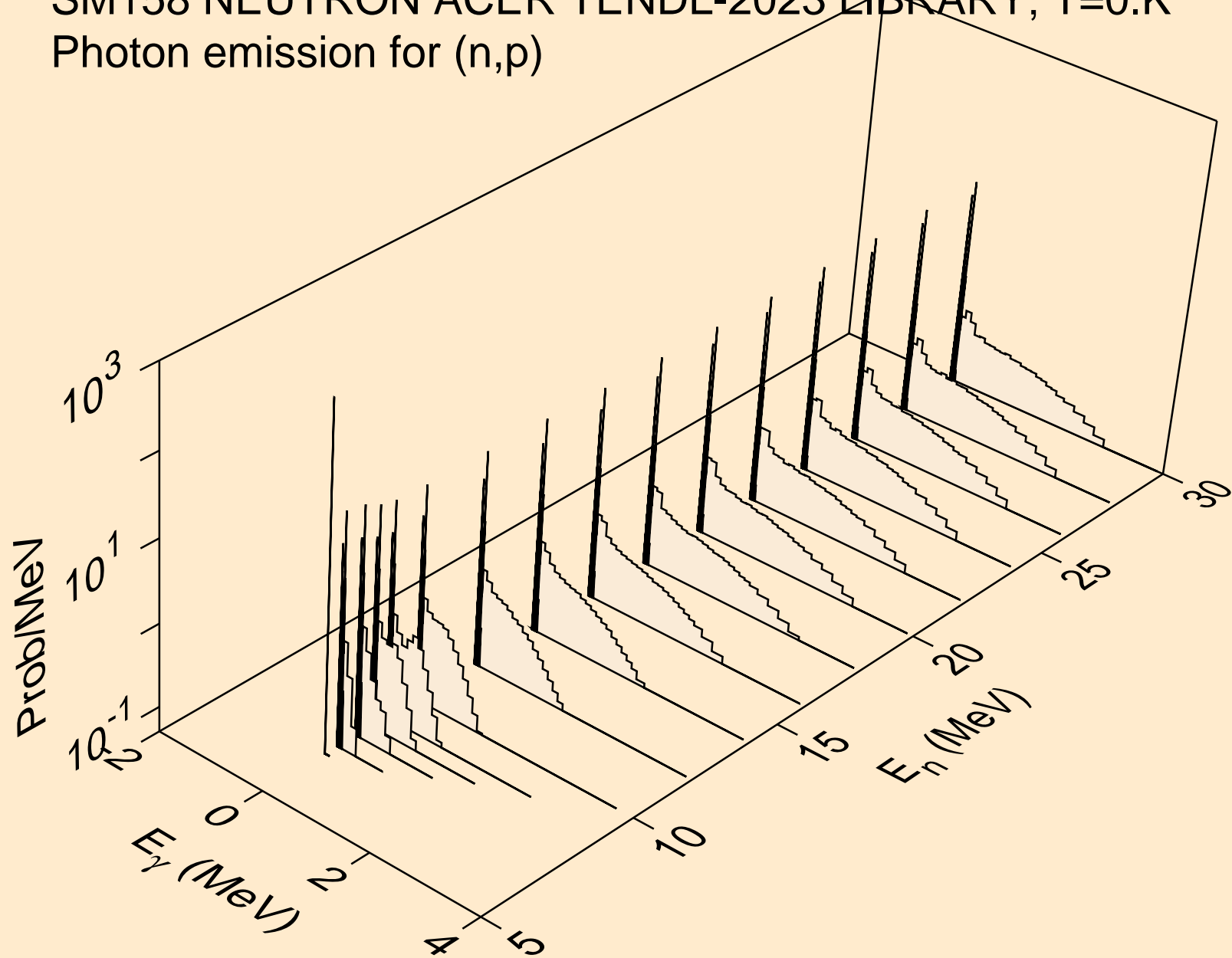
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



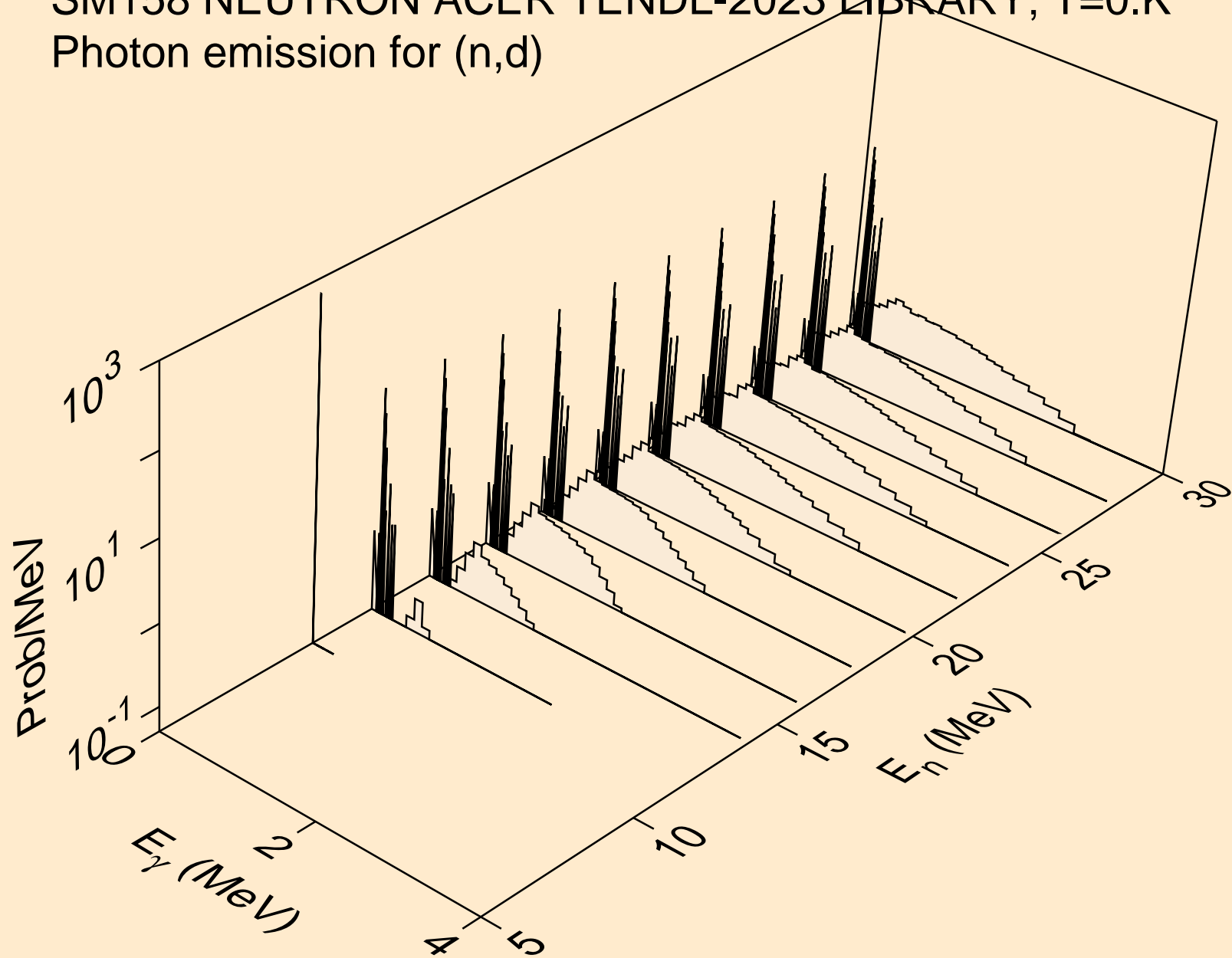
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



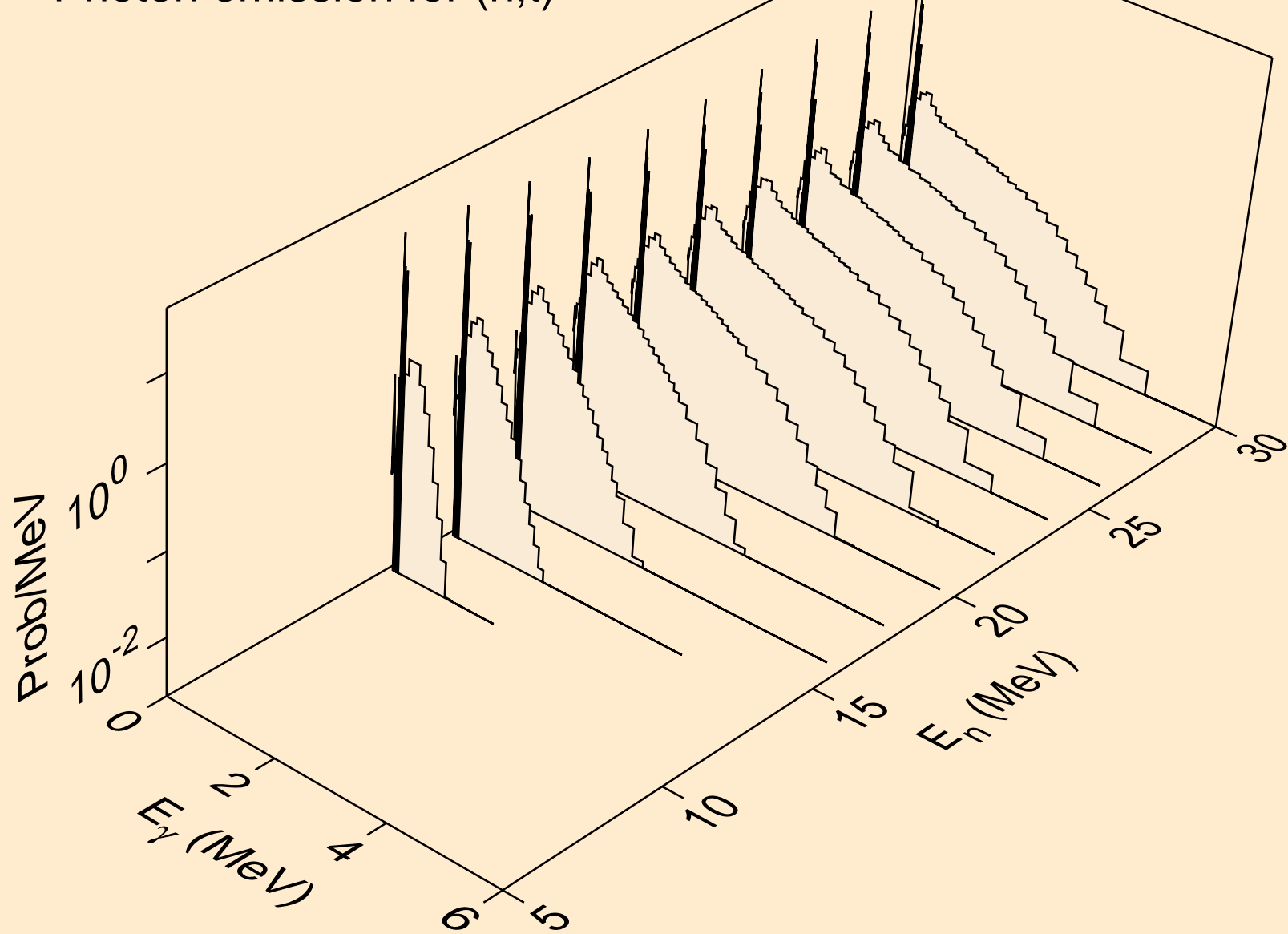
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

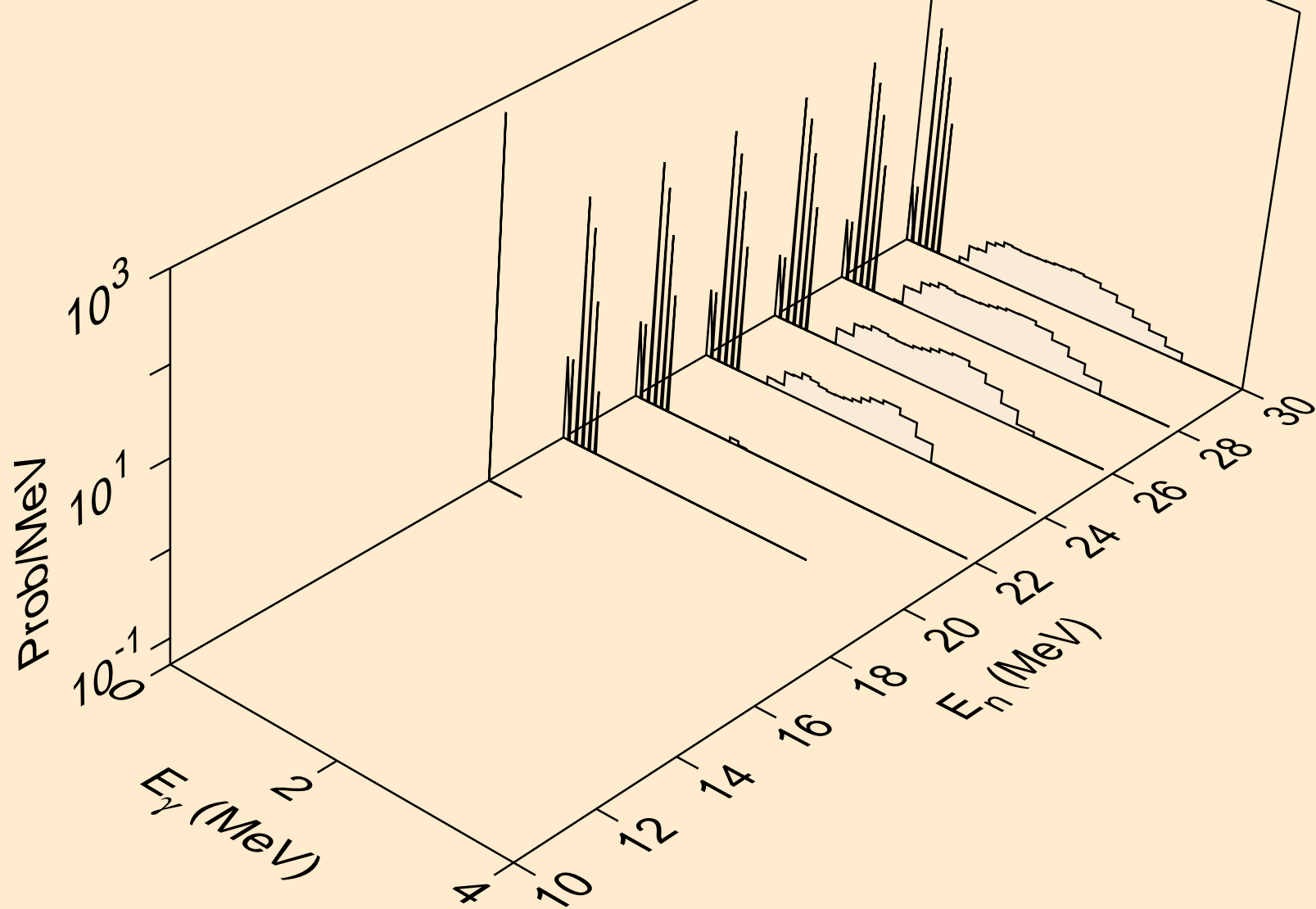


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

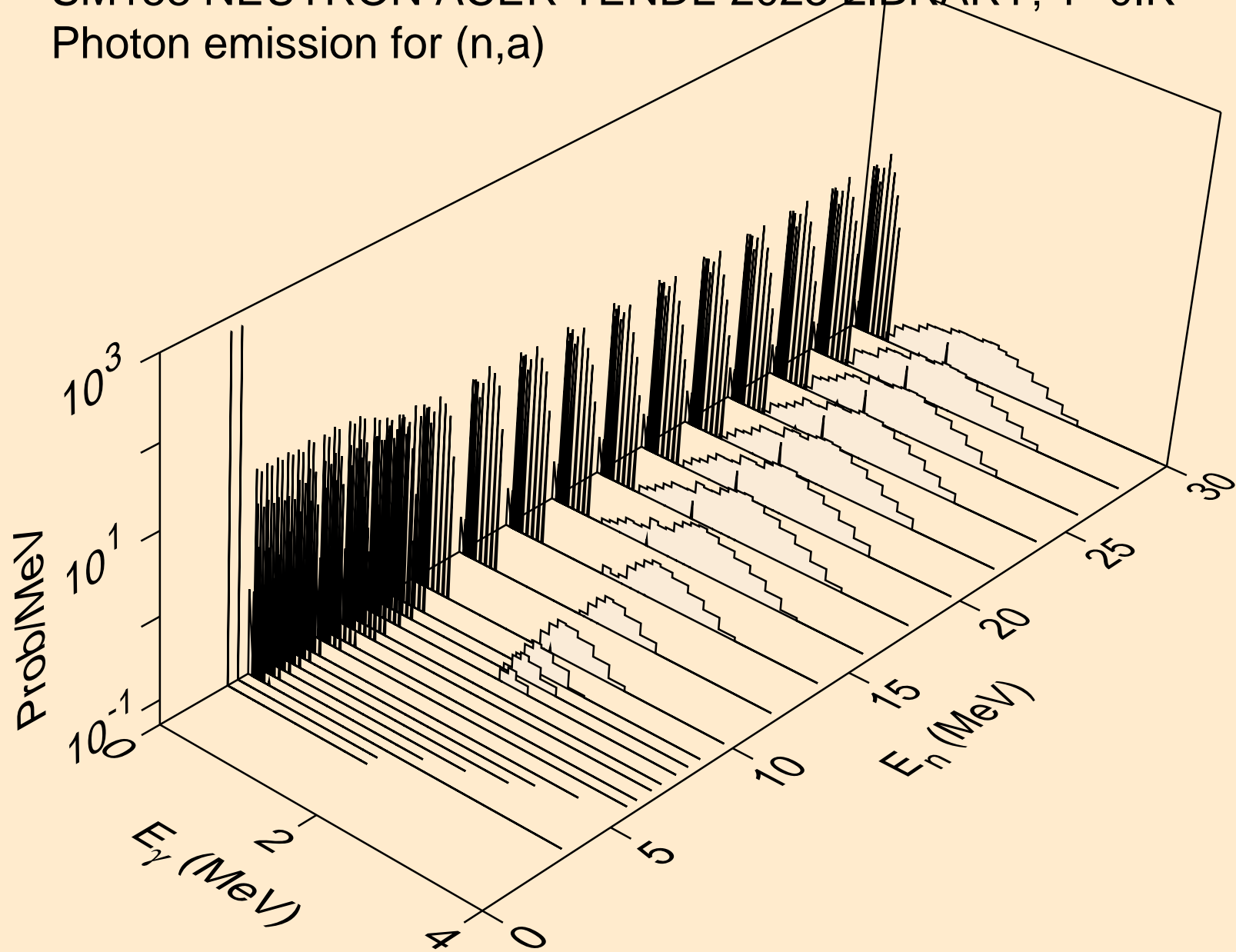




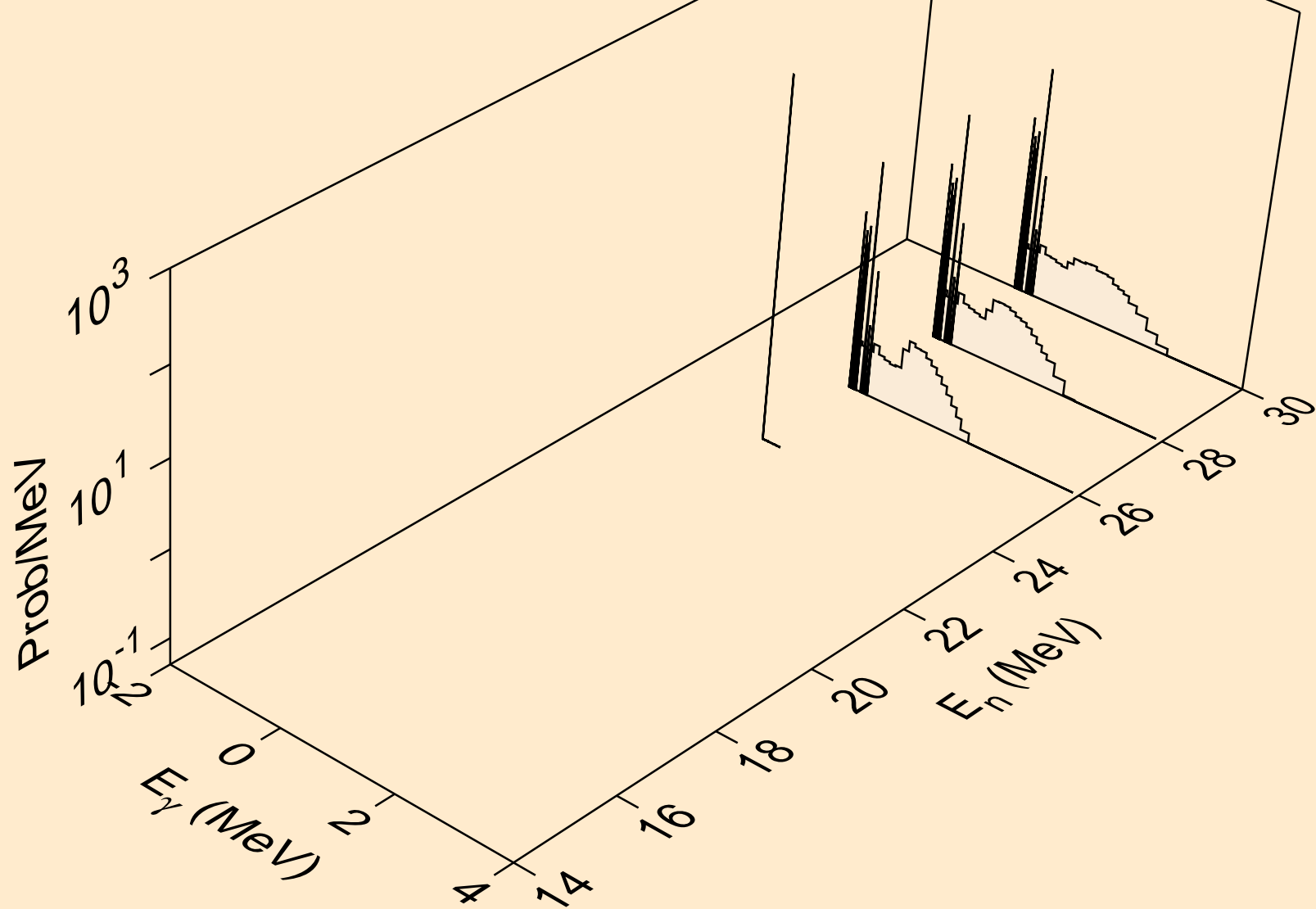
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



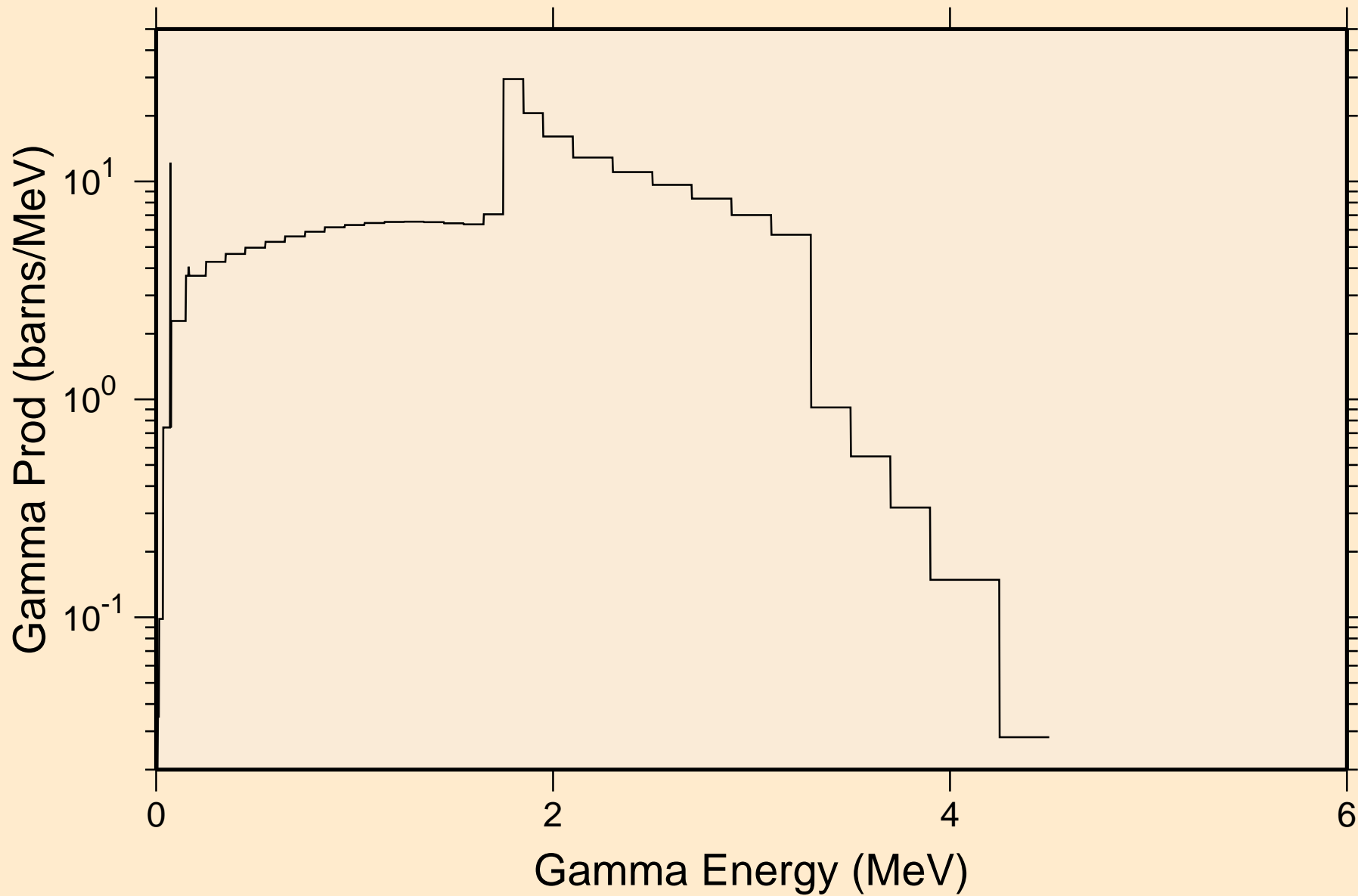
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



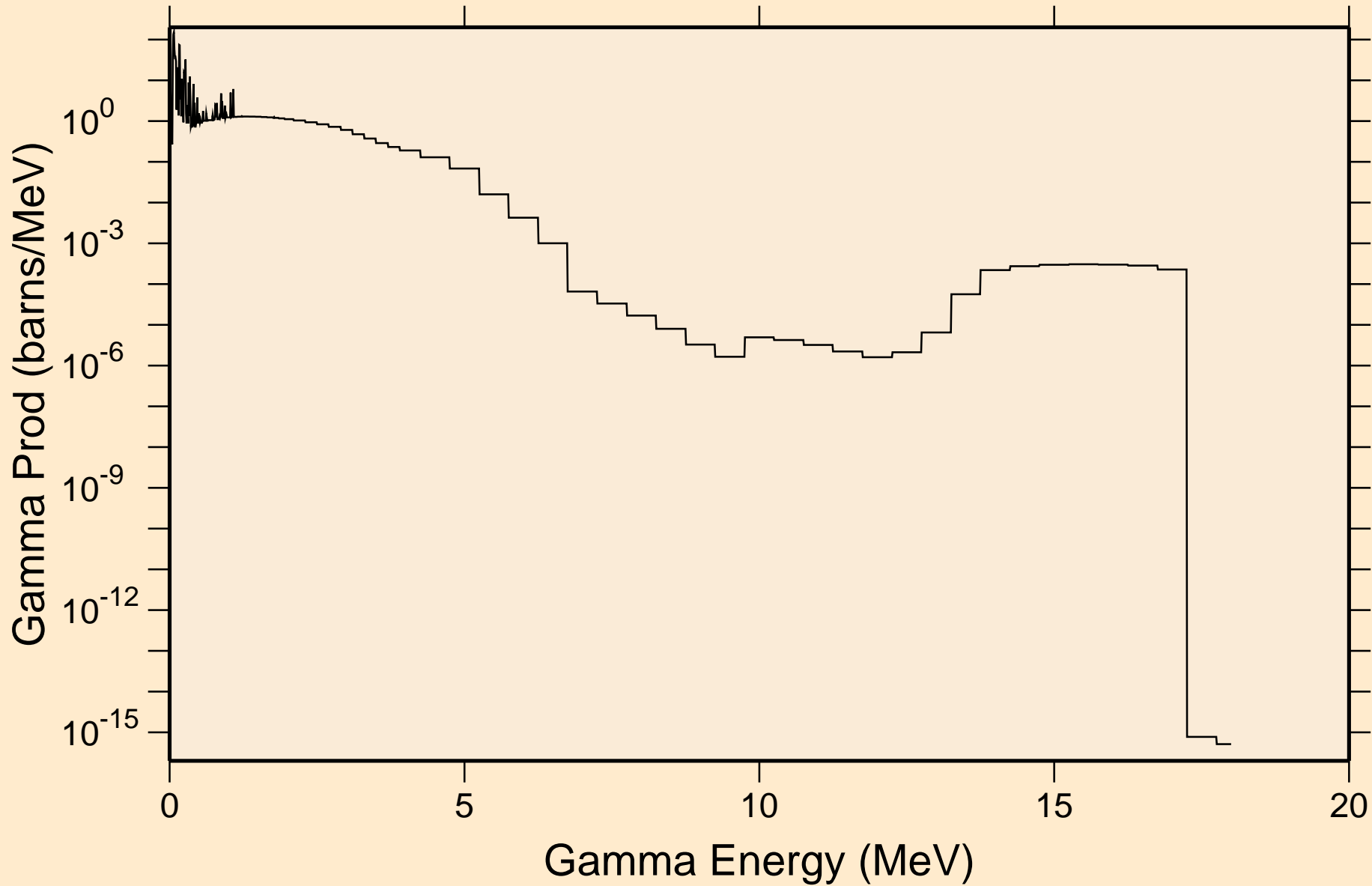
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

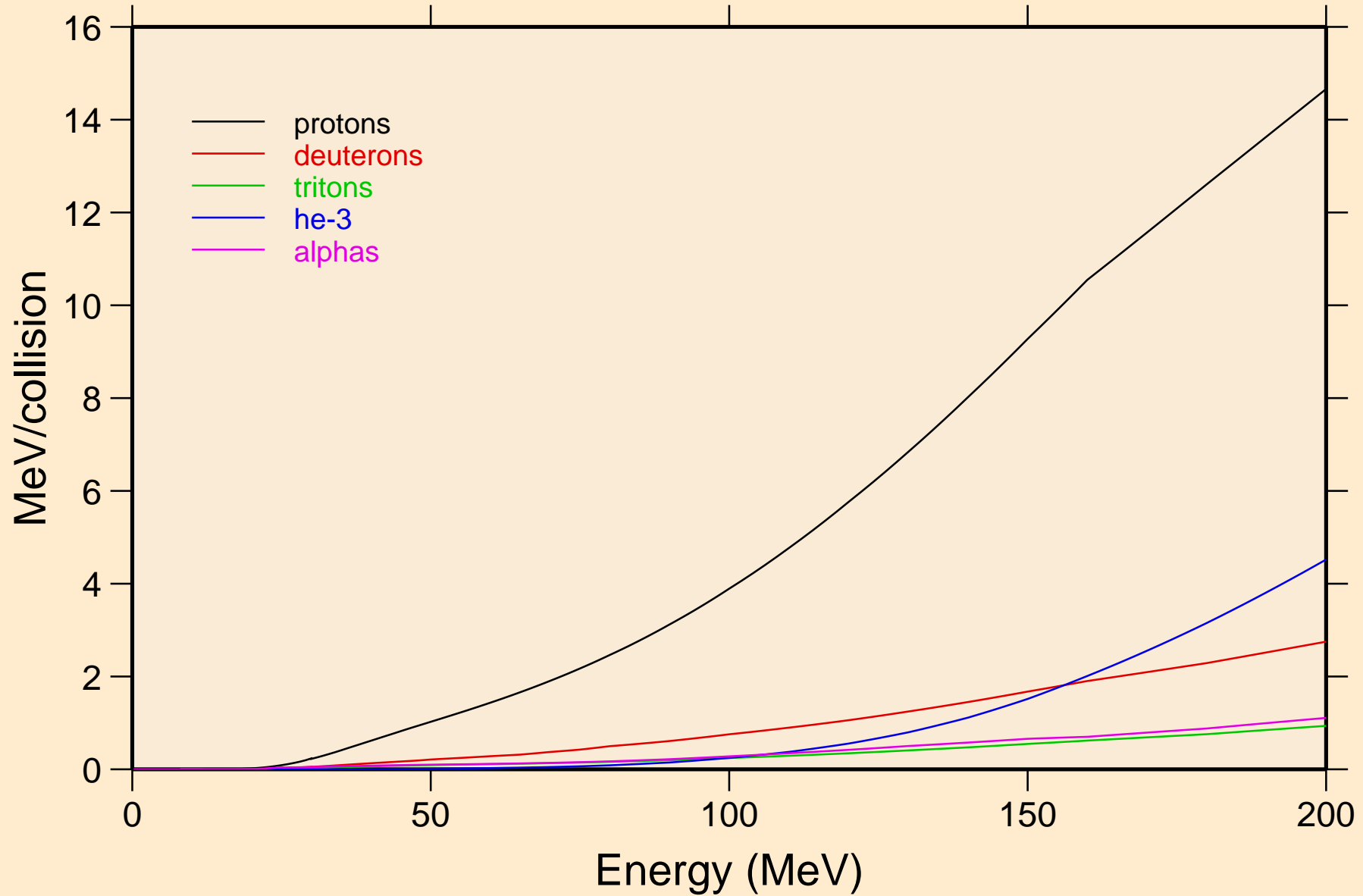


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

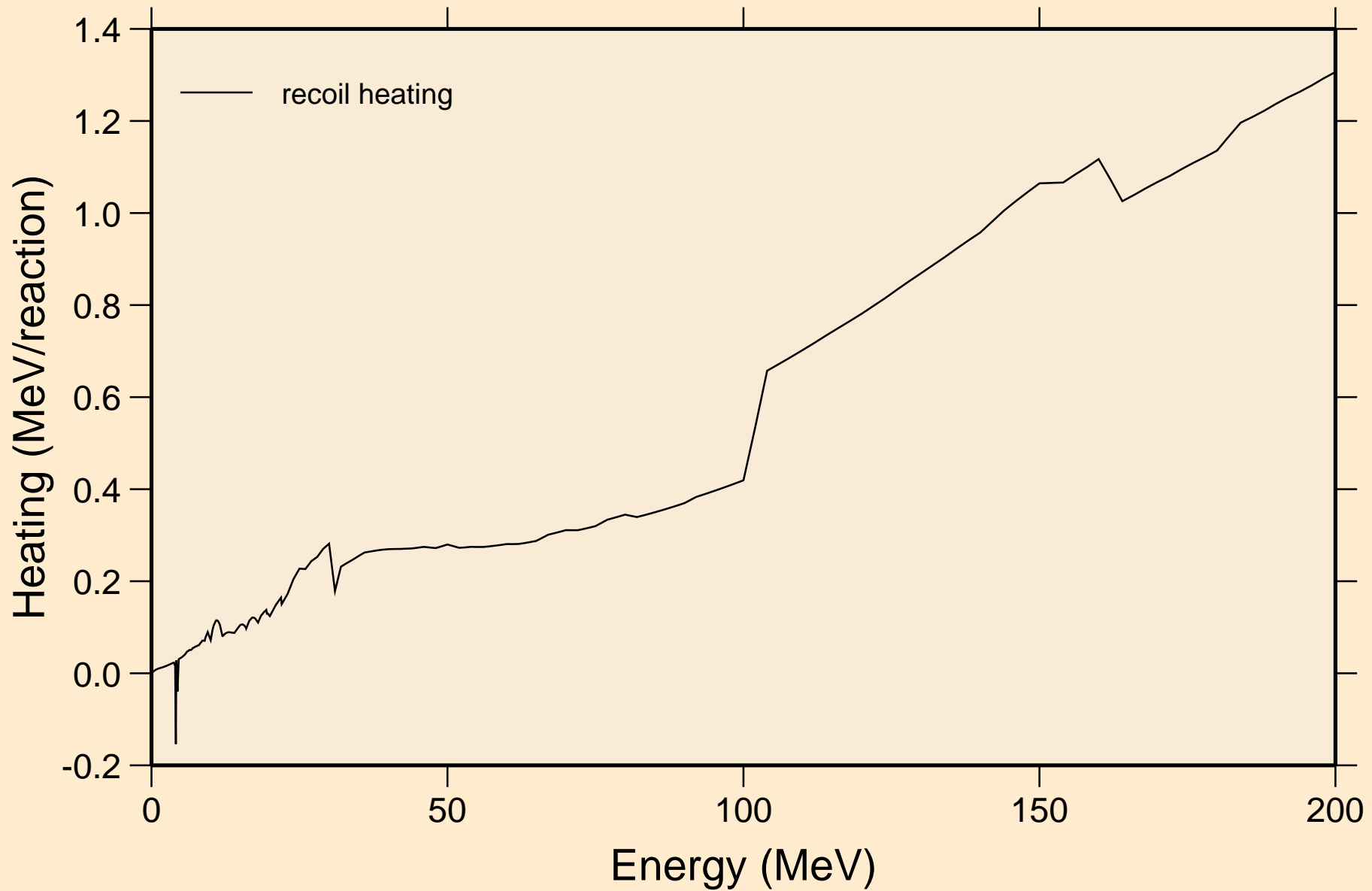


# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

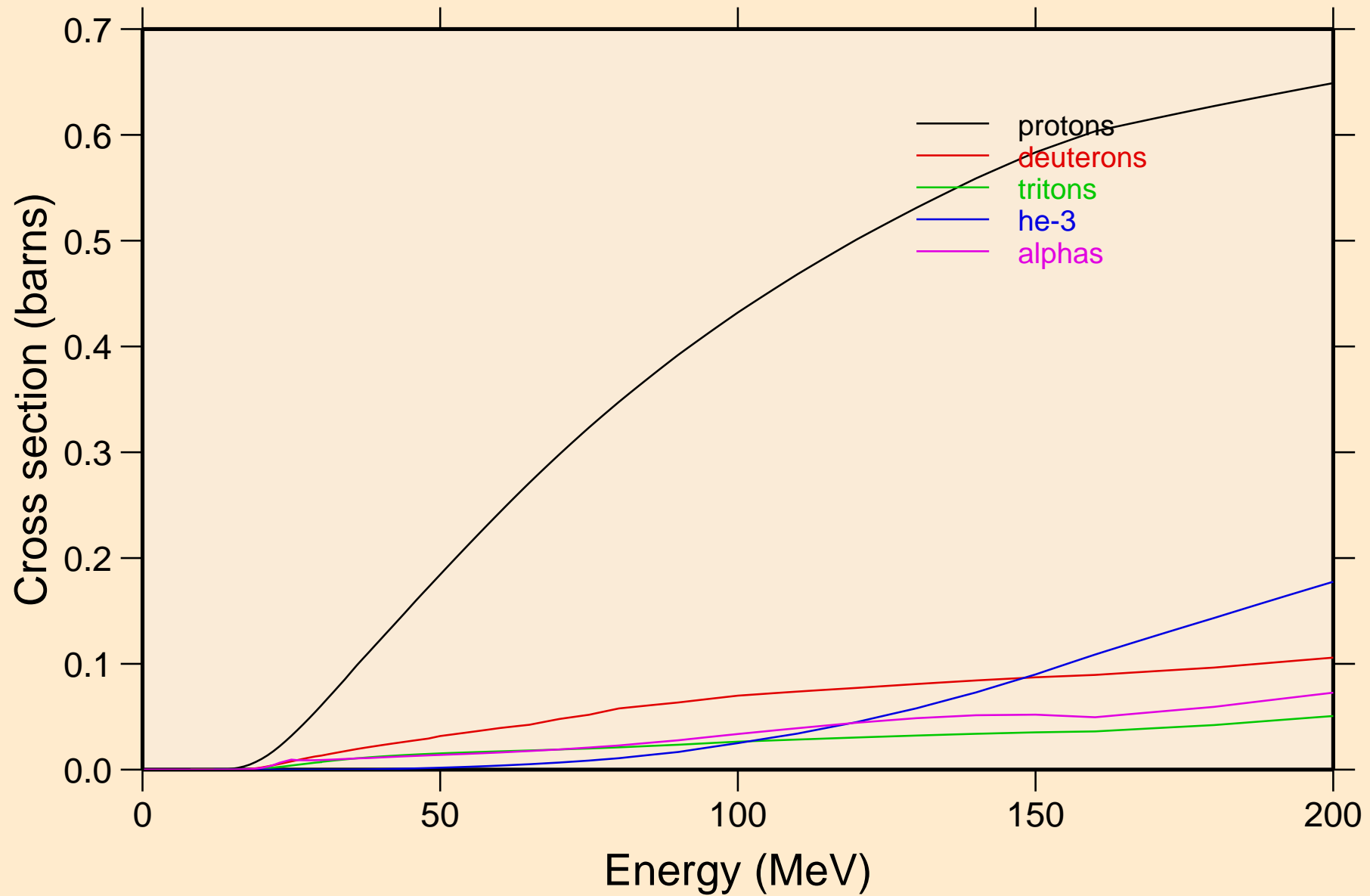


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



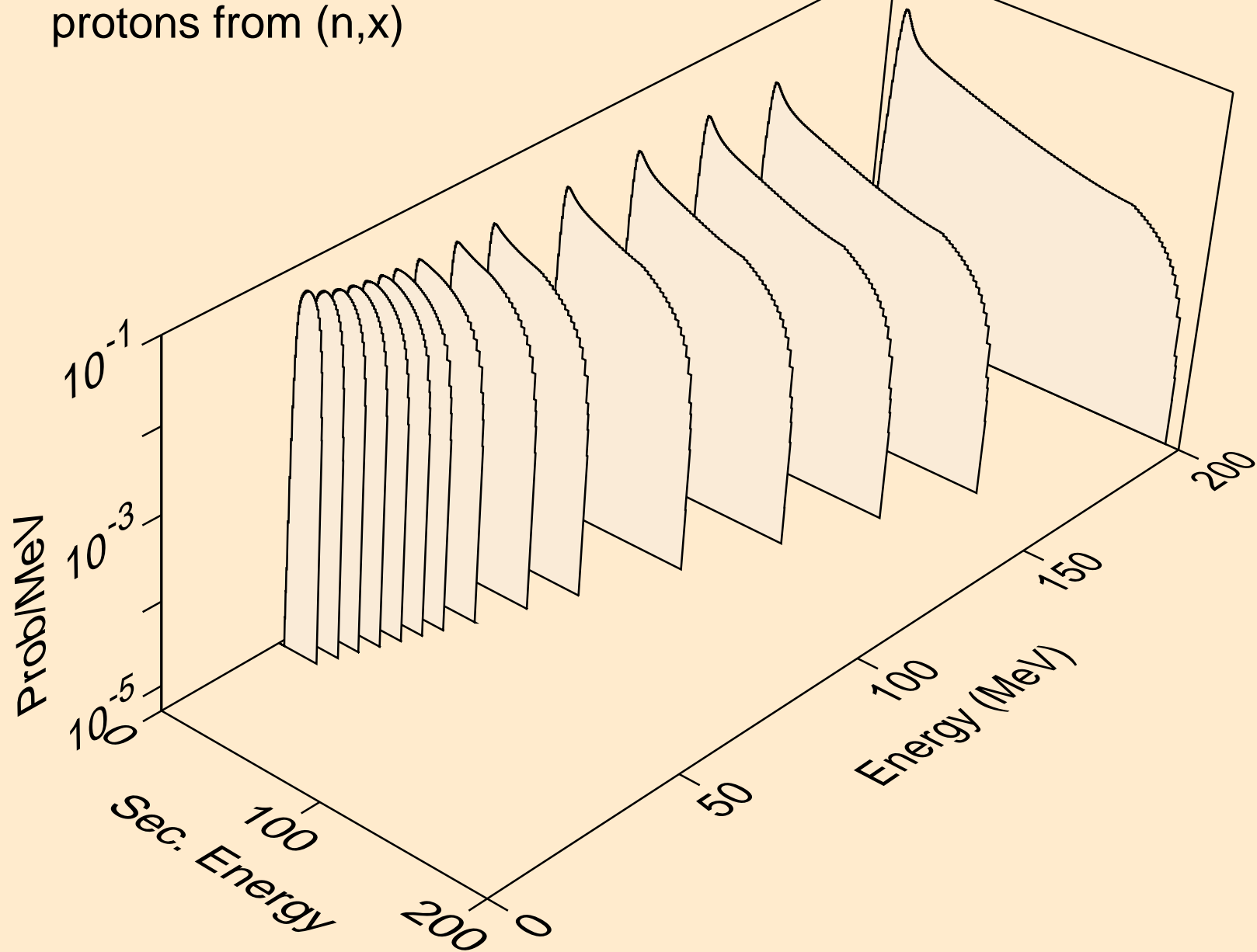
# SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

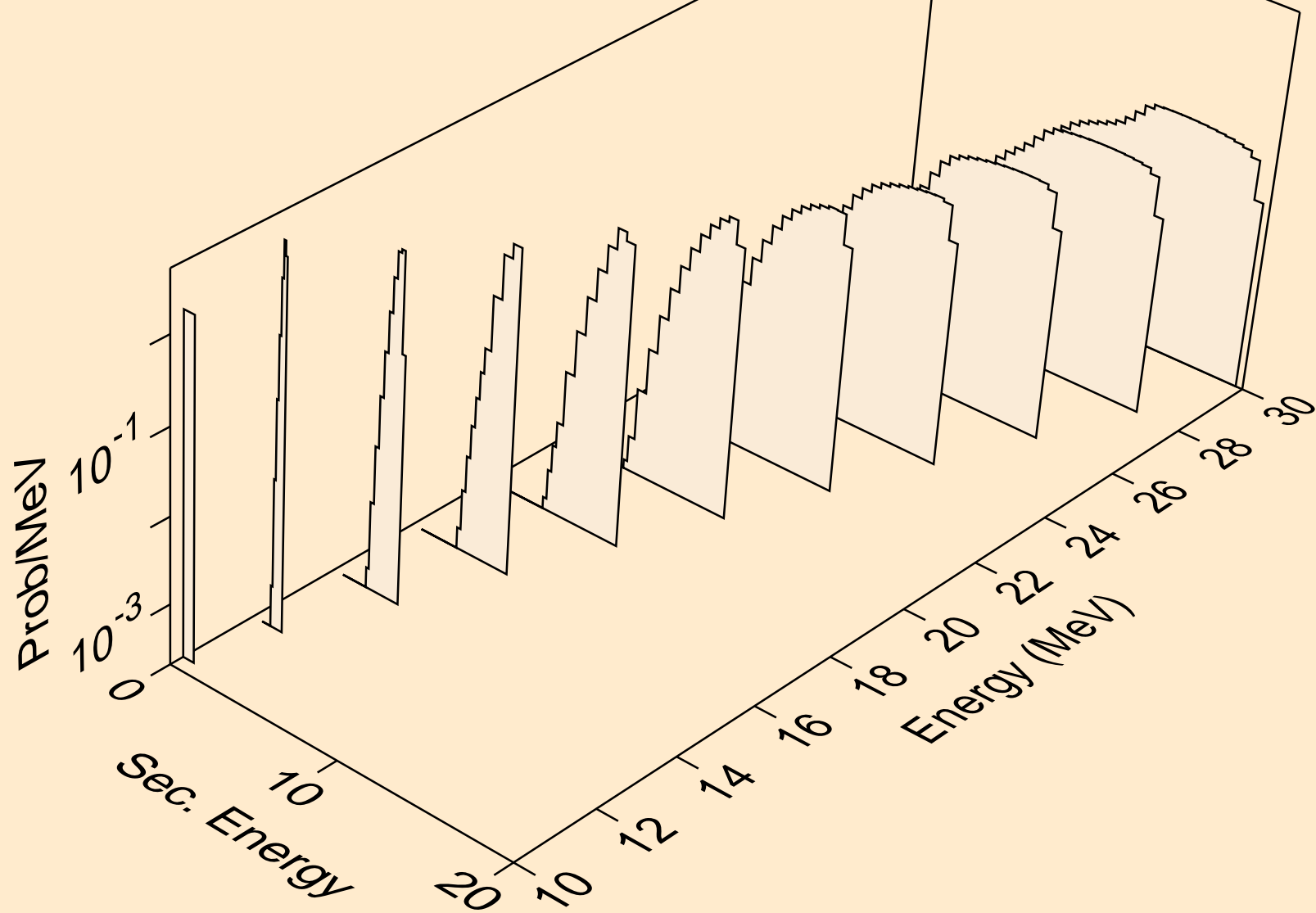




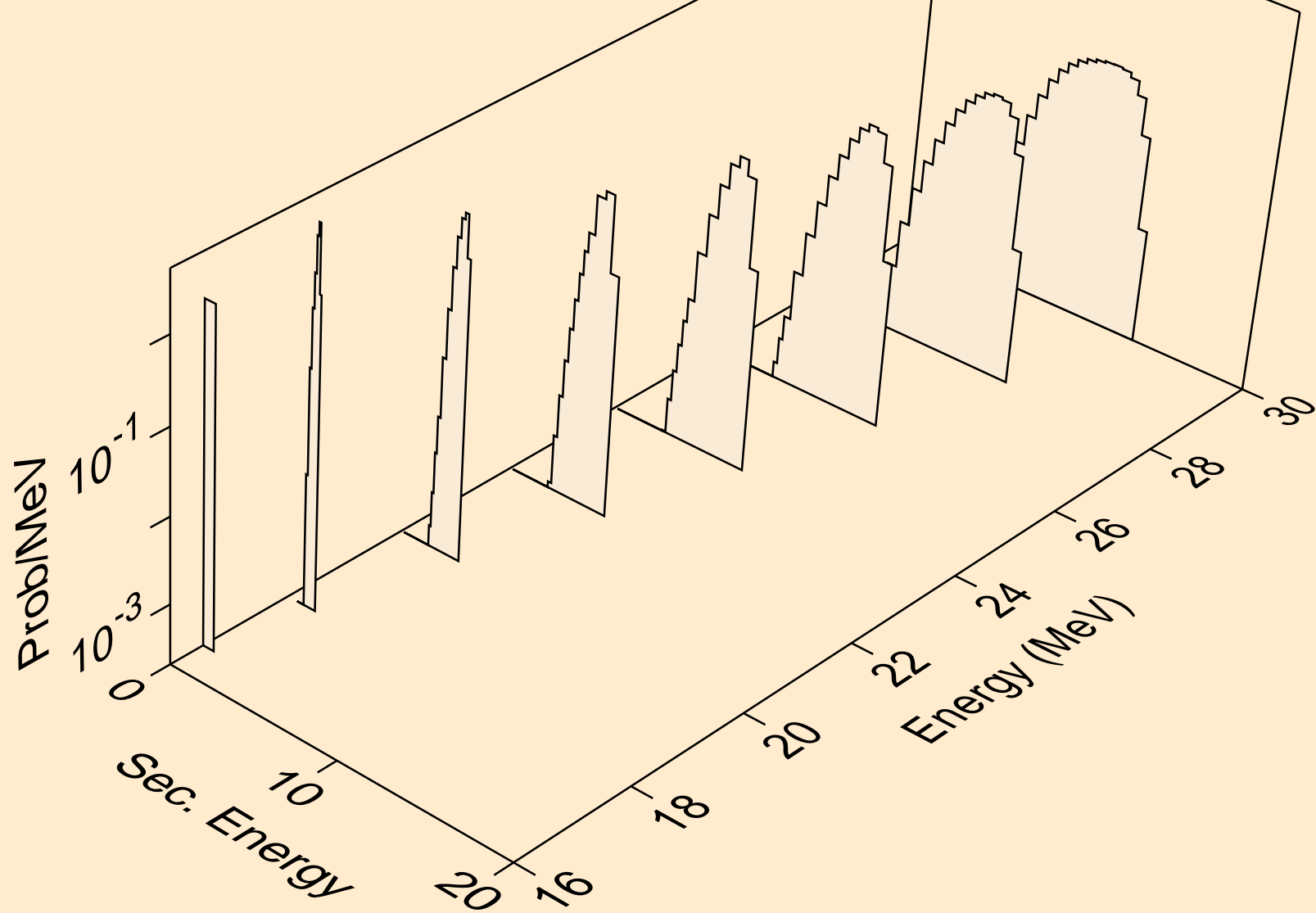
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



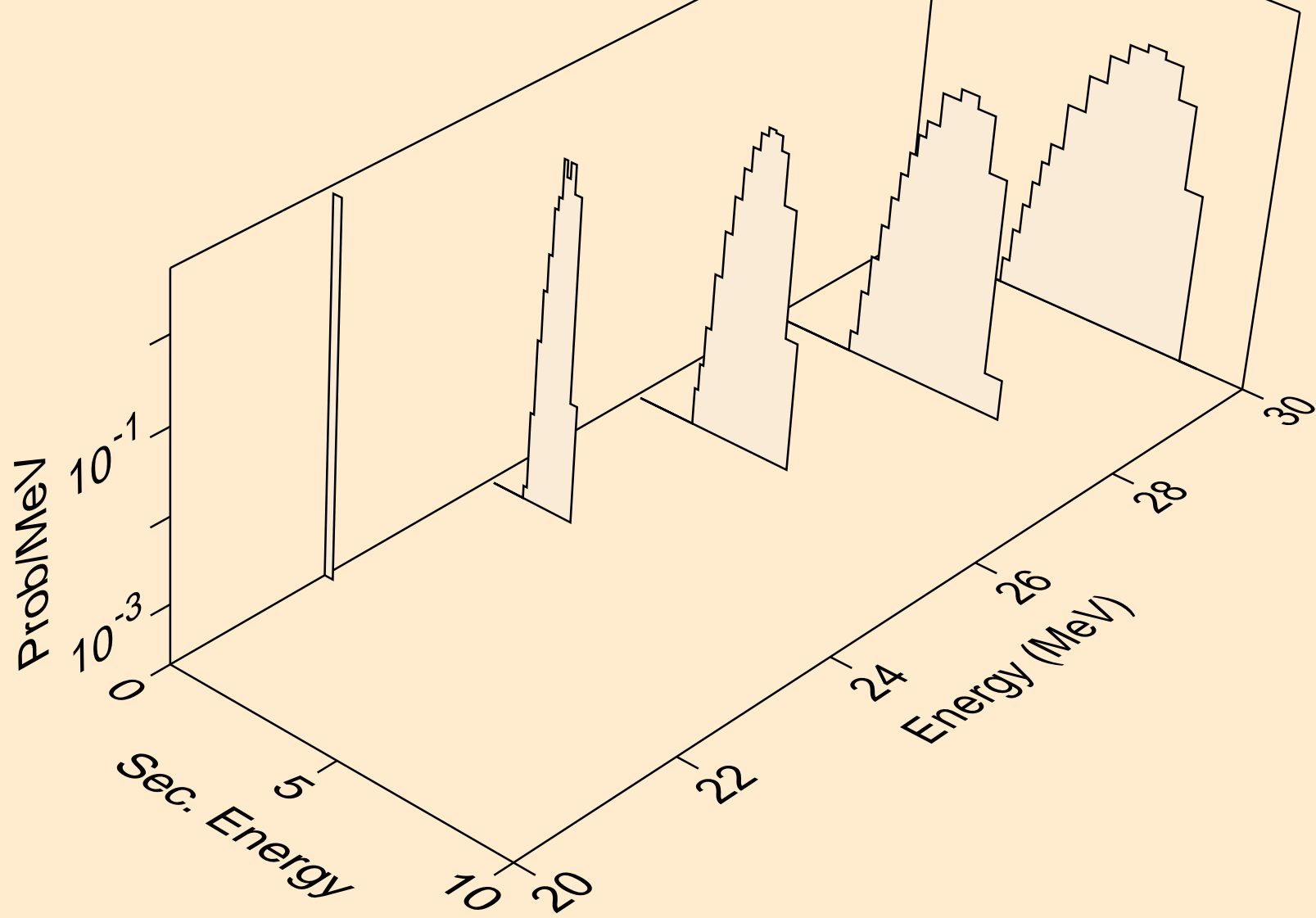
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



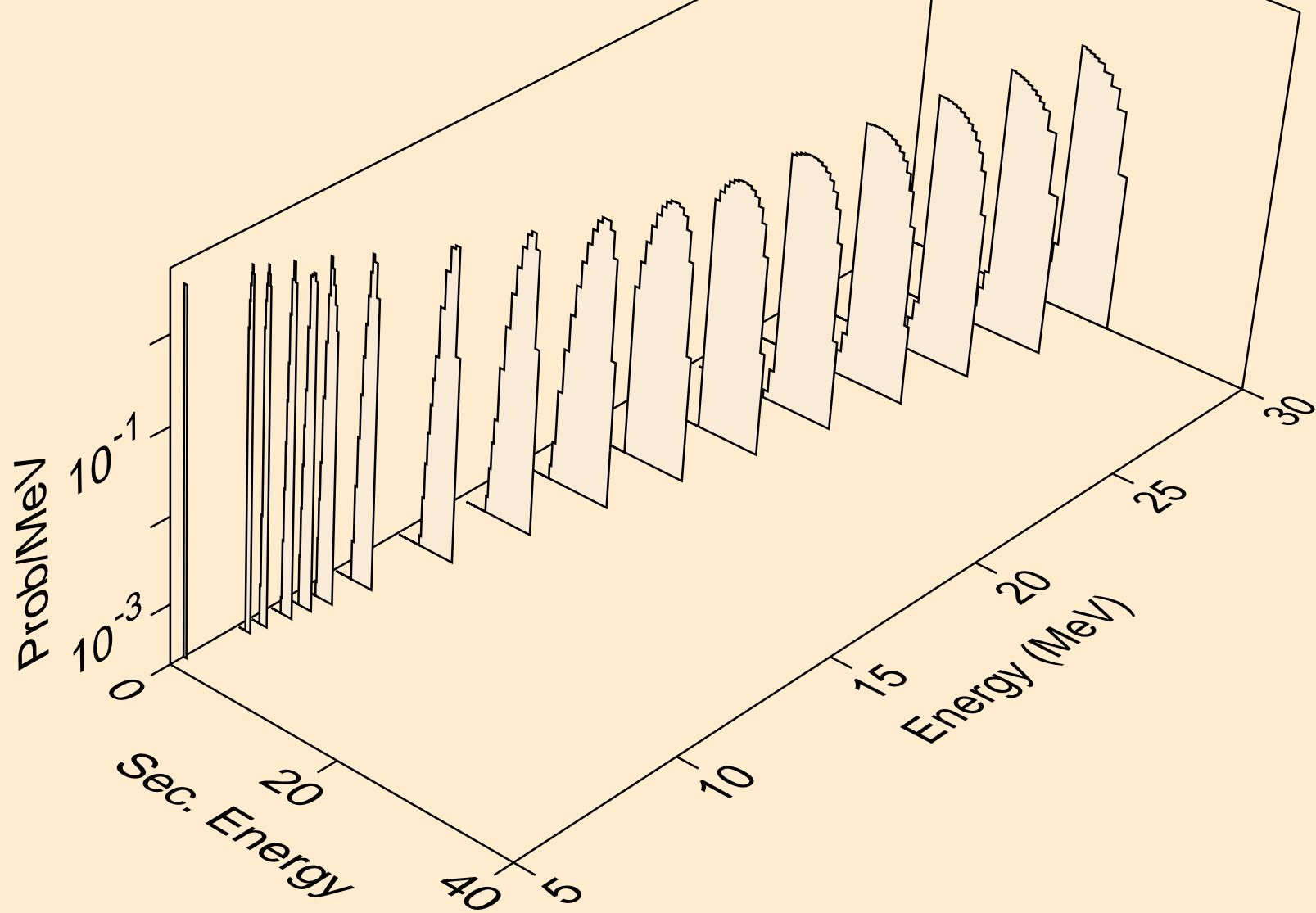
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



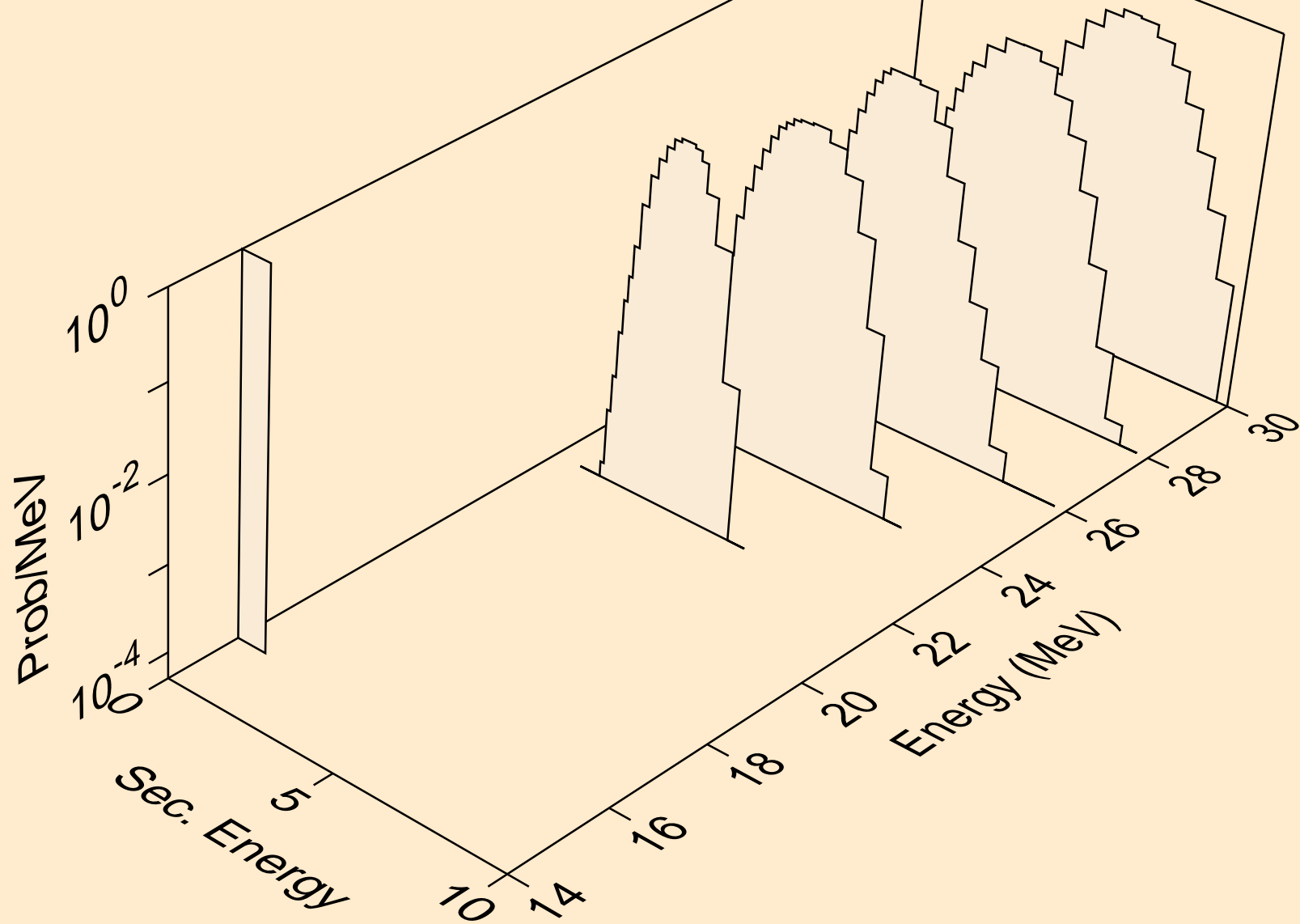
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



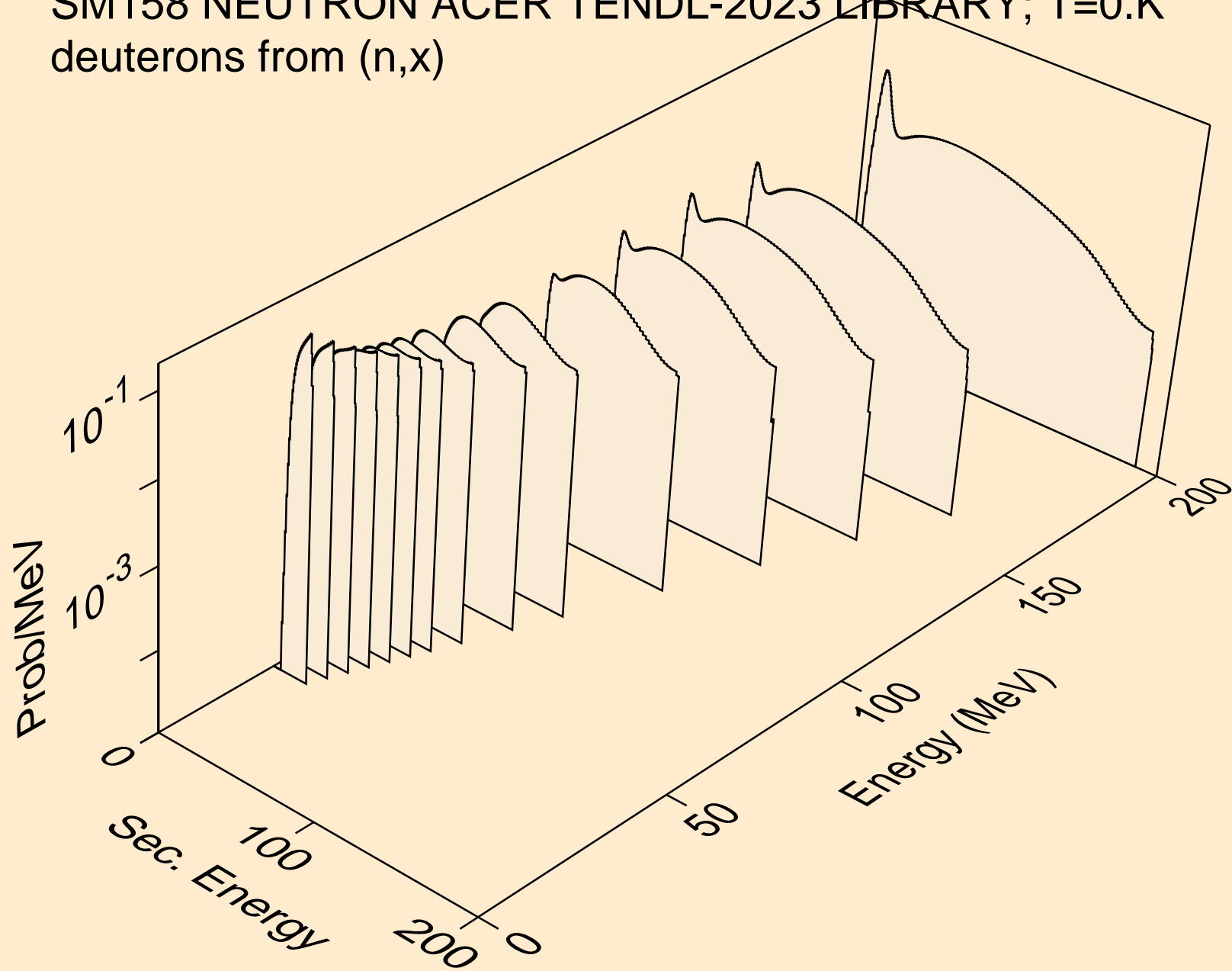
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



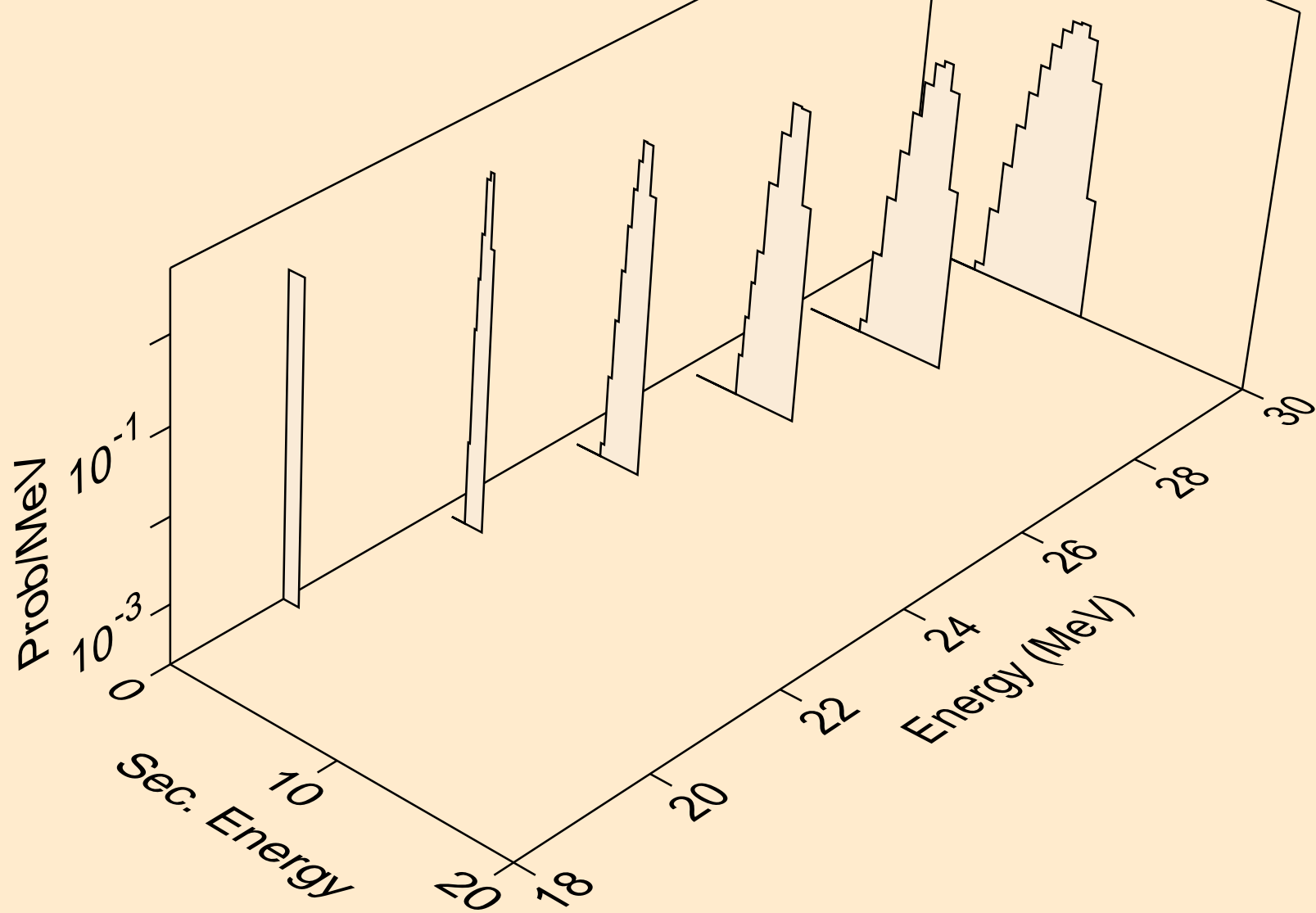
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

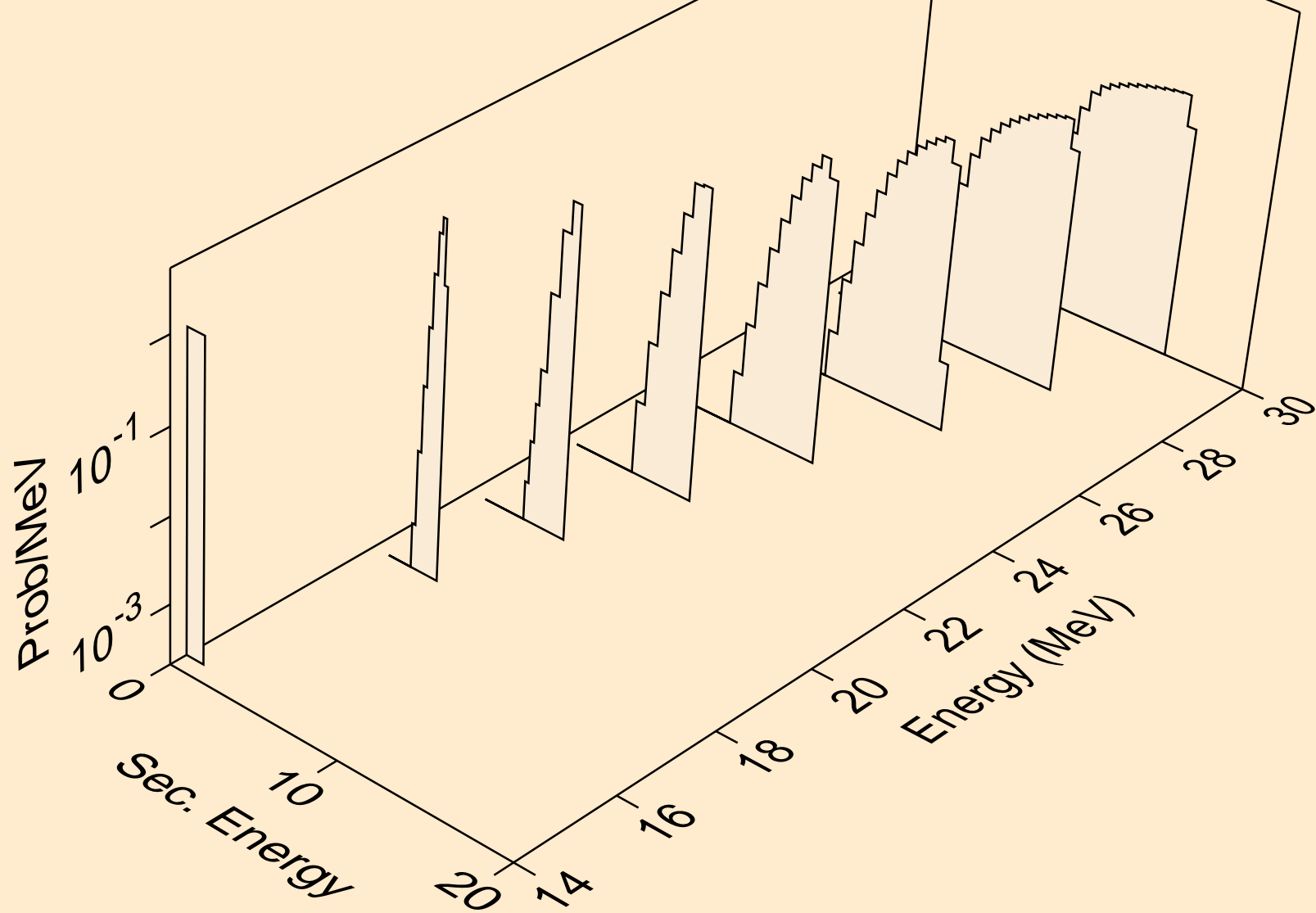


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

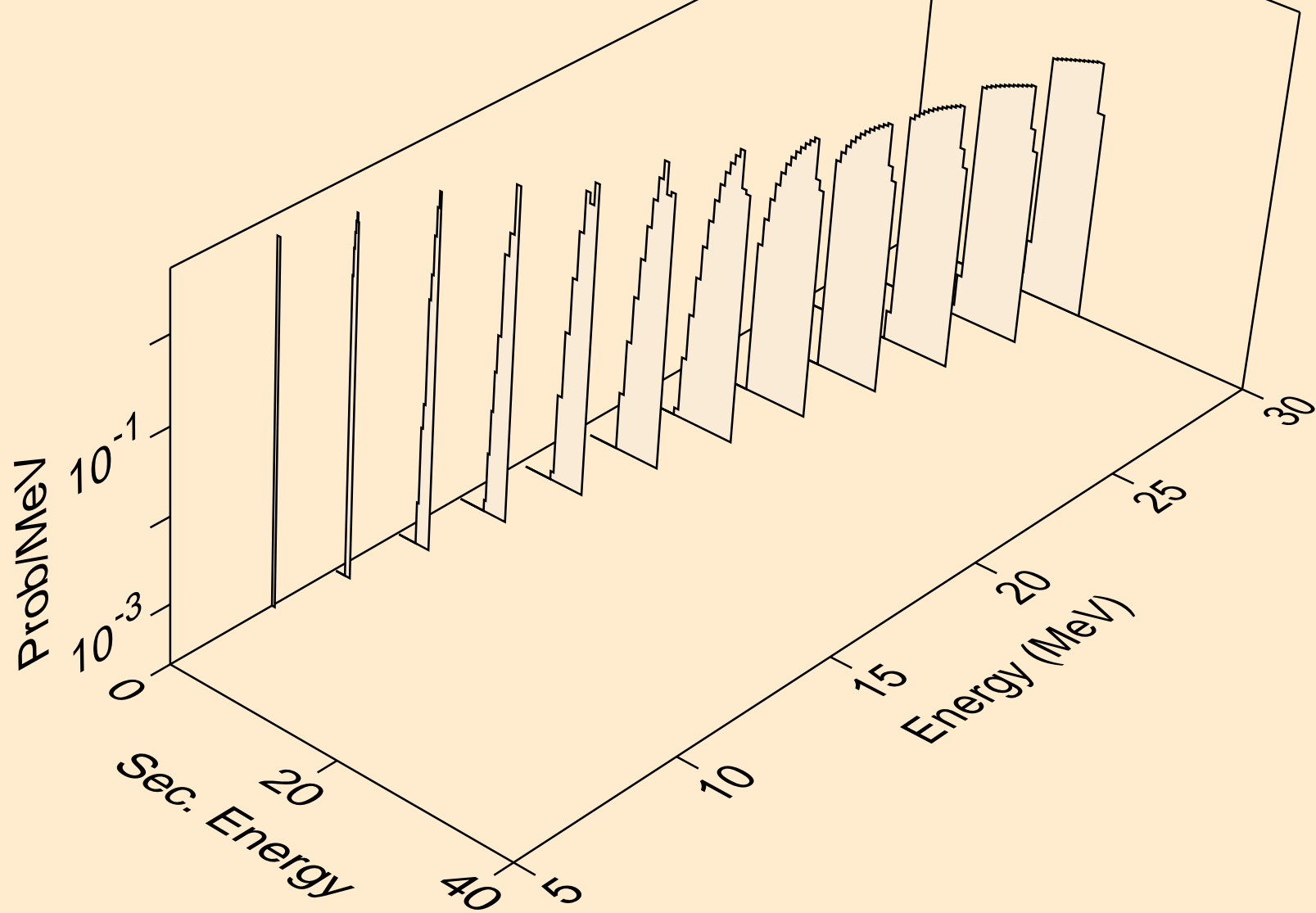




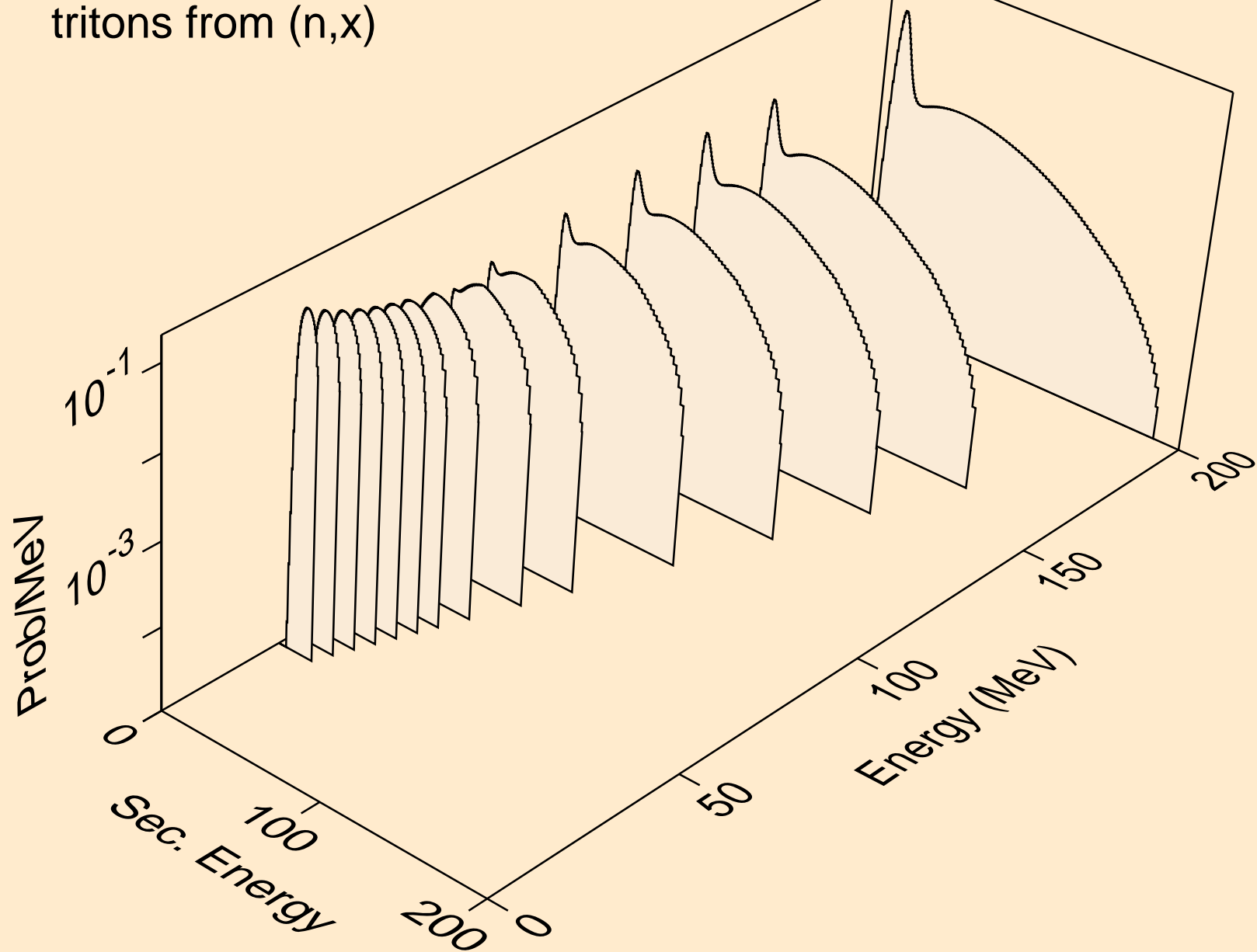
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



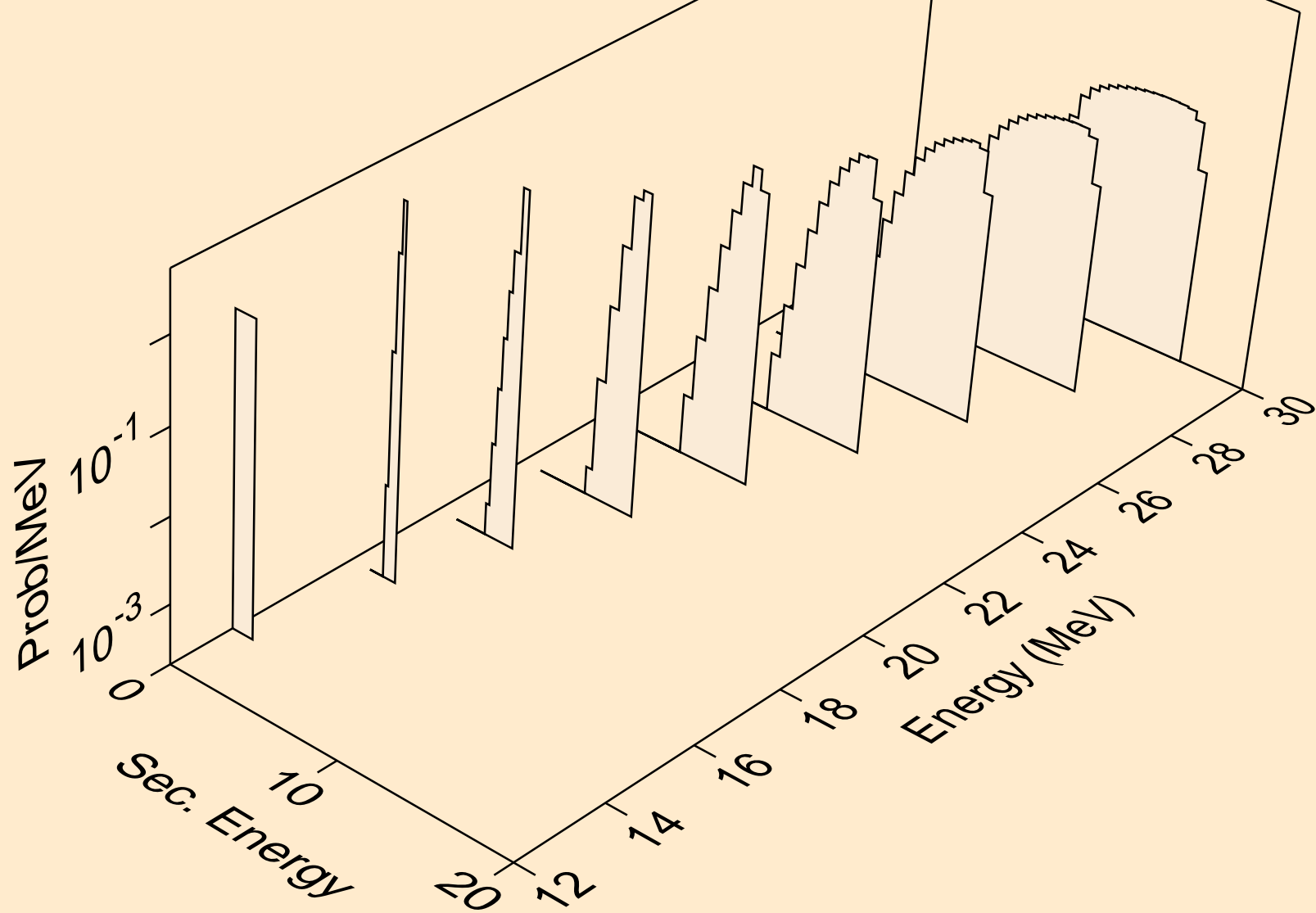
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deuterons from (n,d)



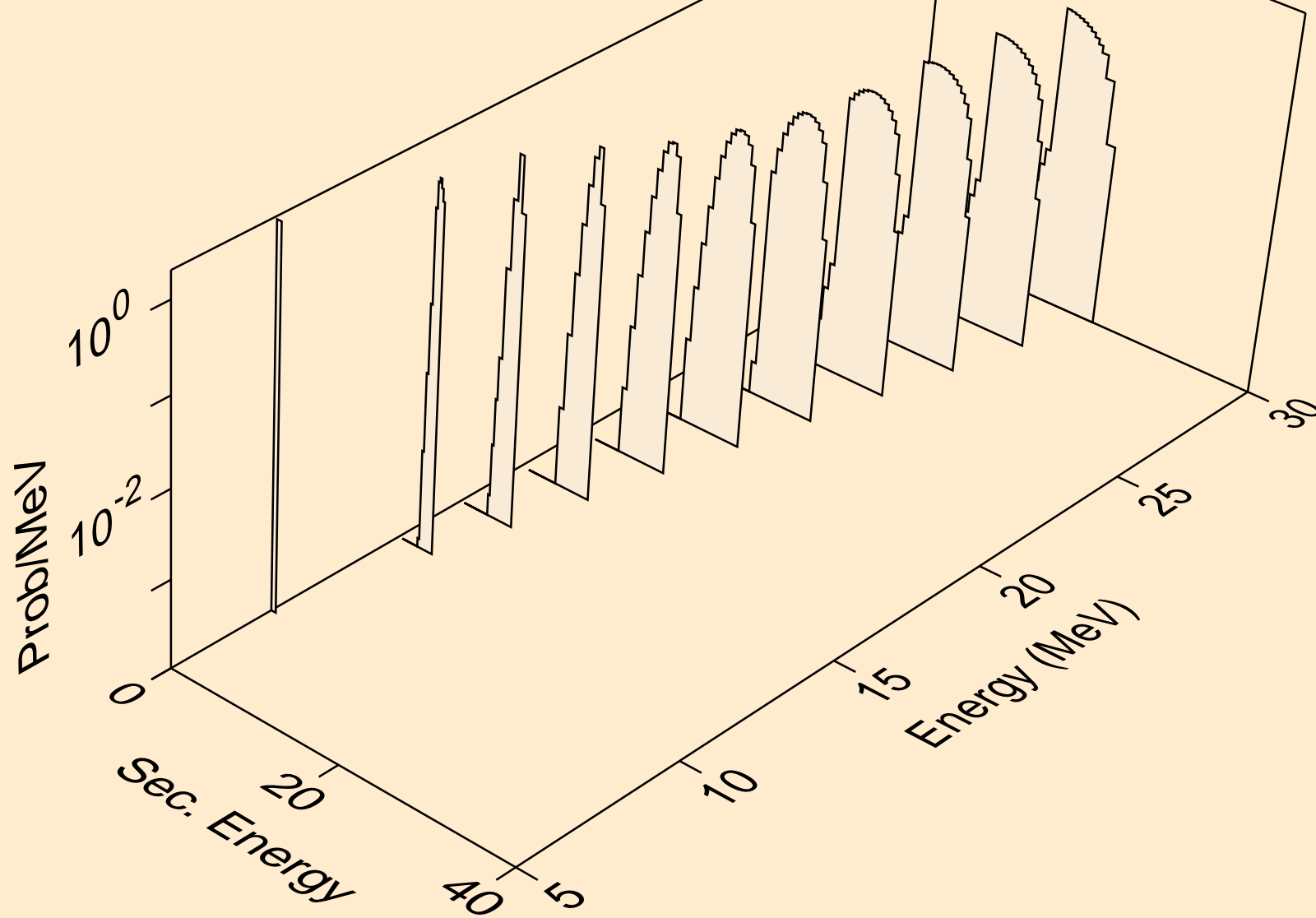
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



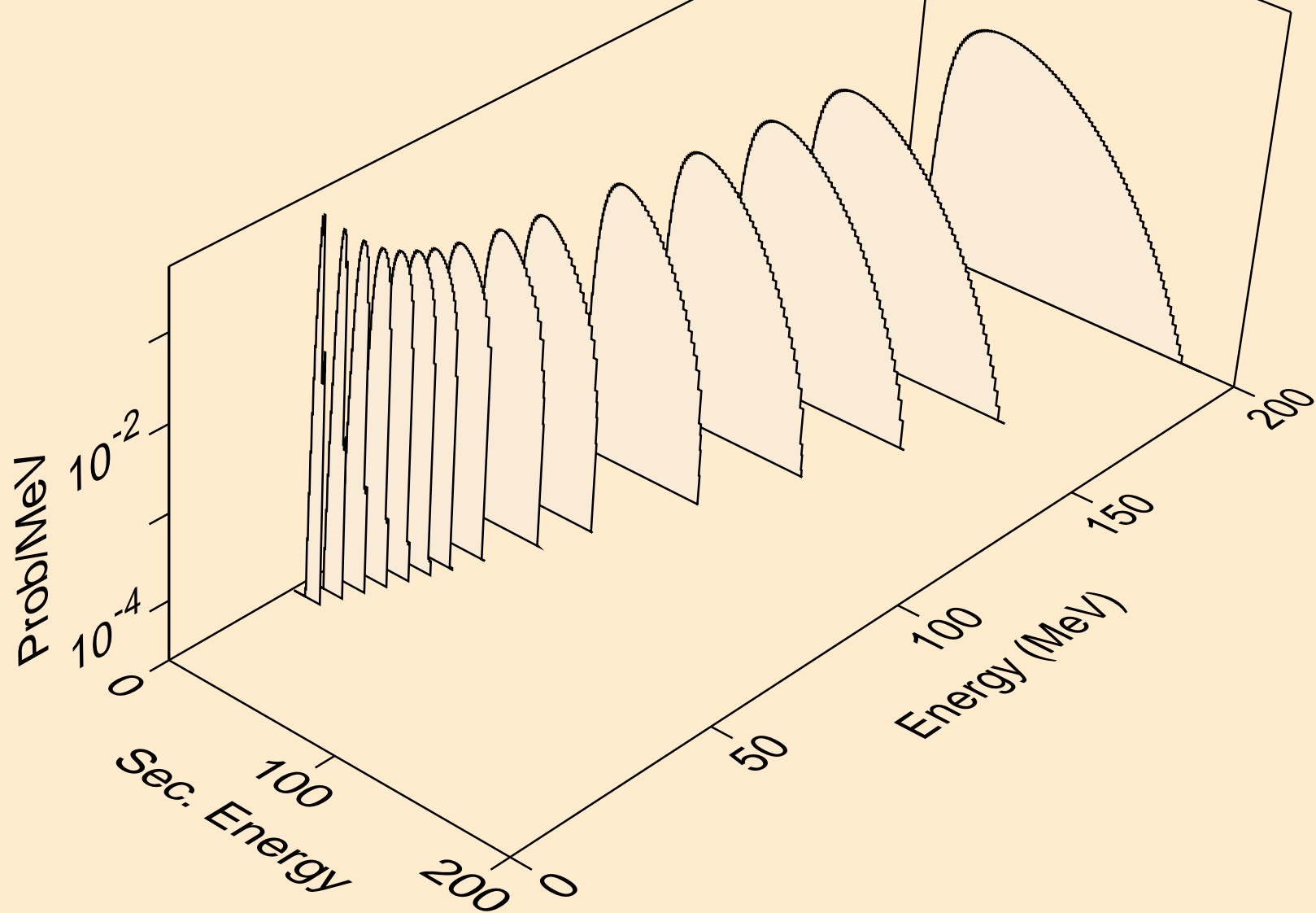
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



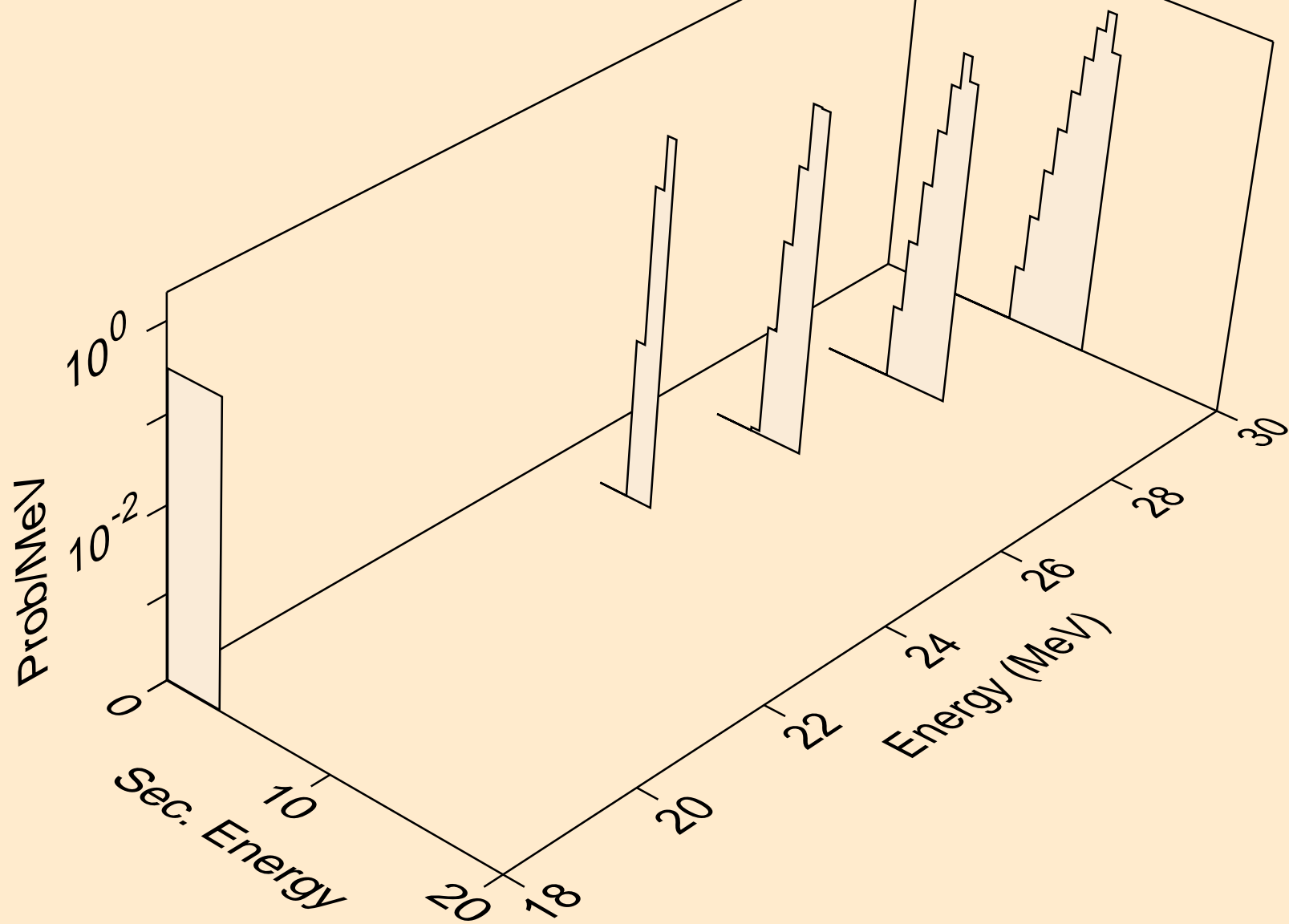
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tritons from (n,t)



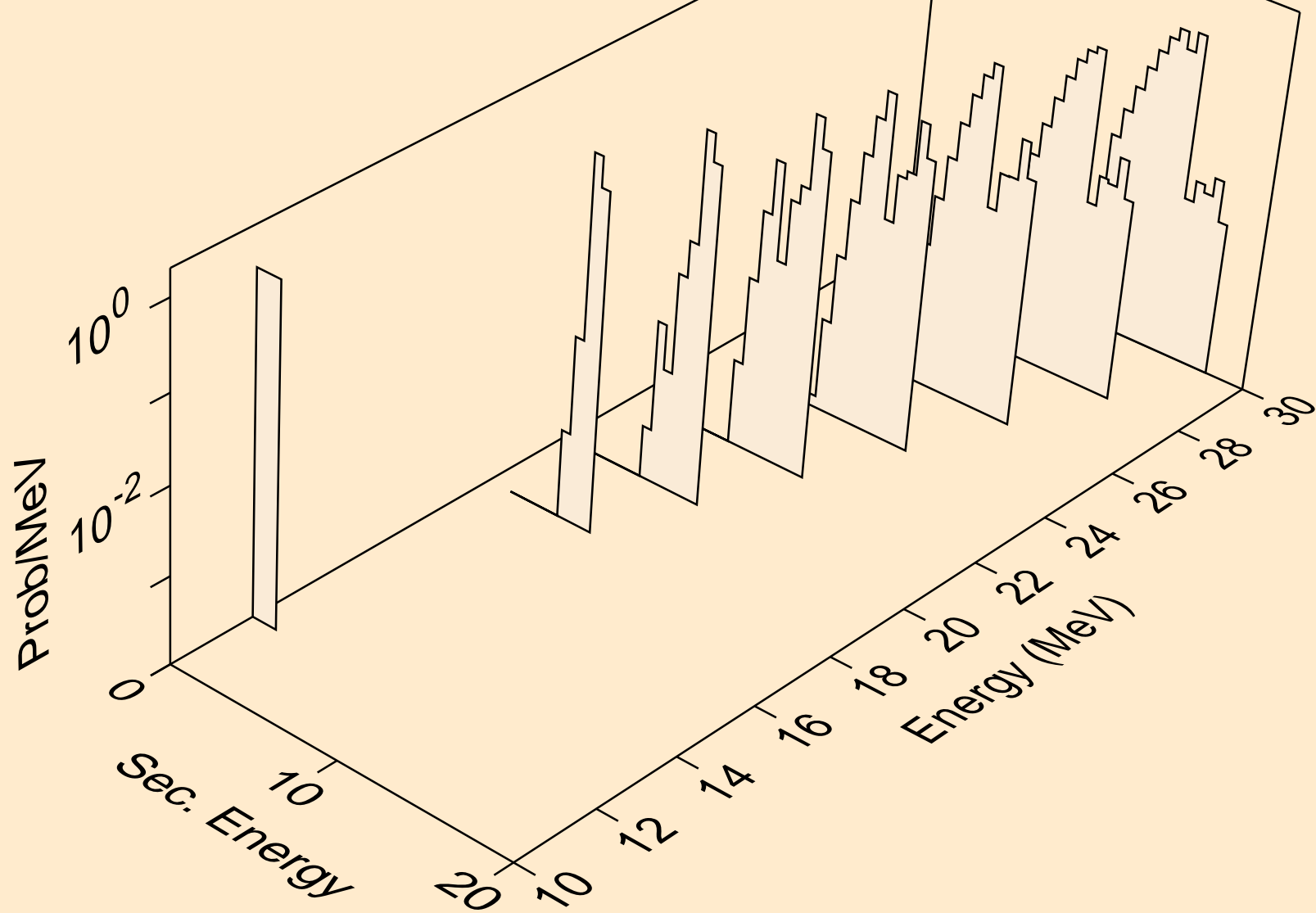
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

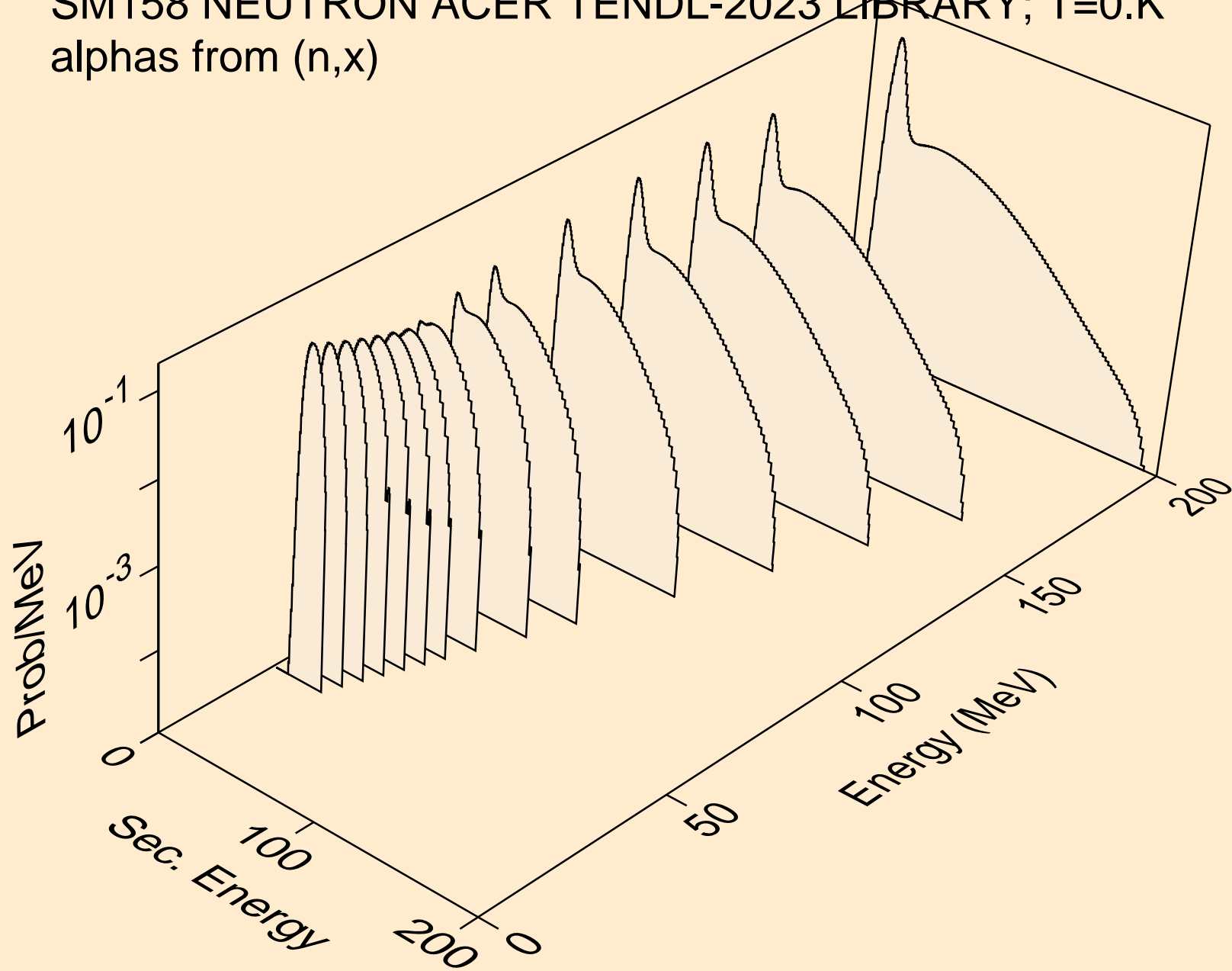


SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

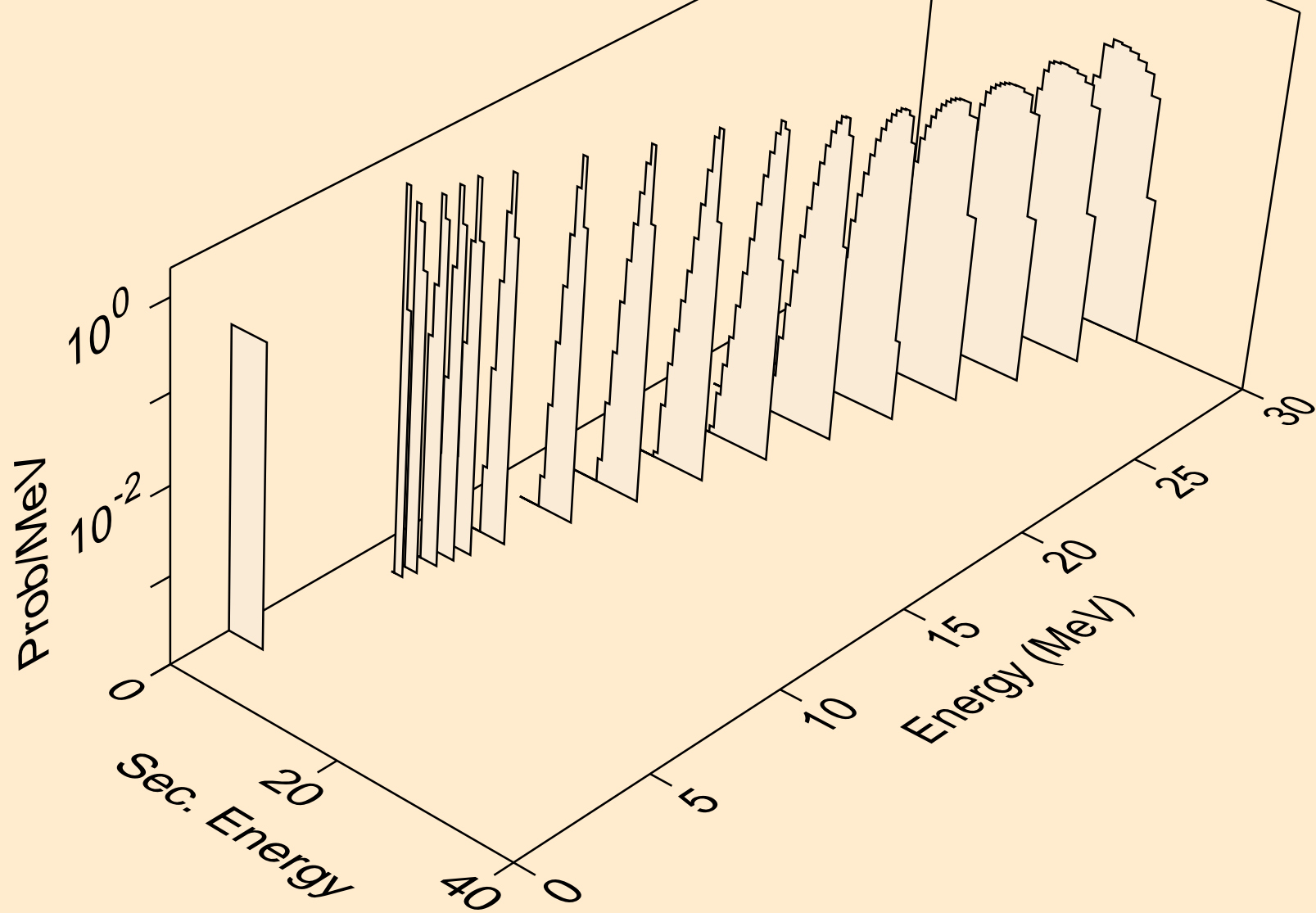




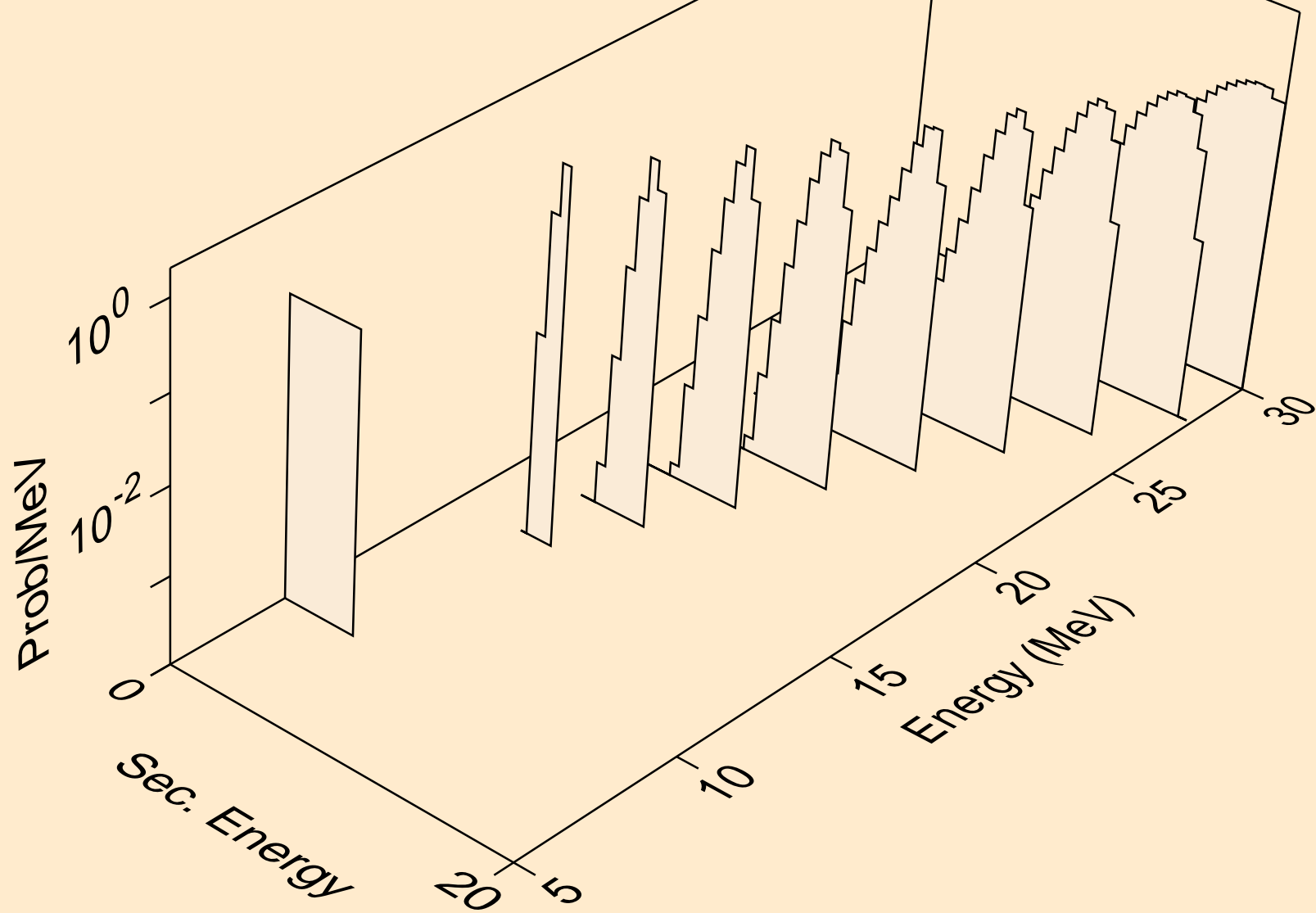
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



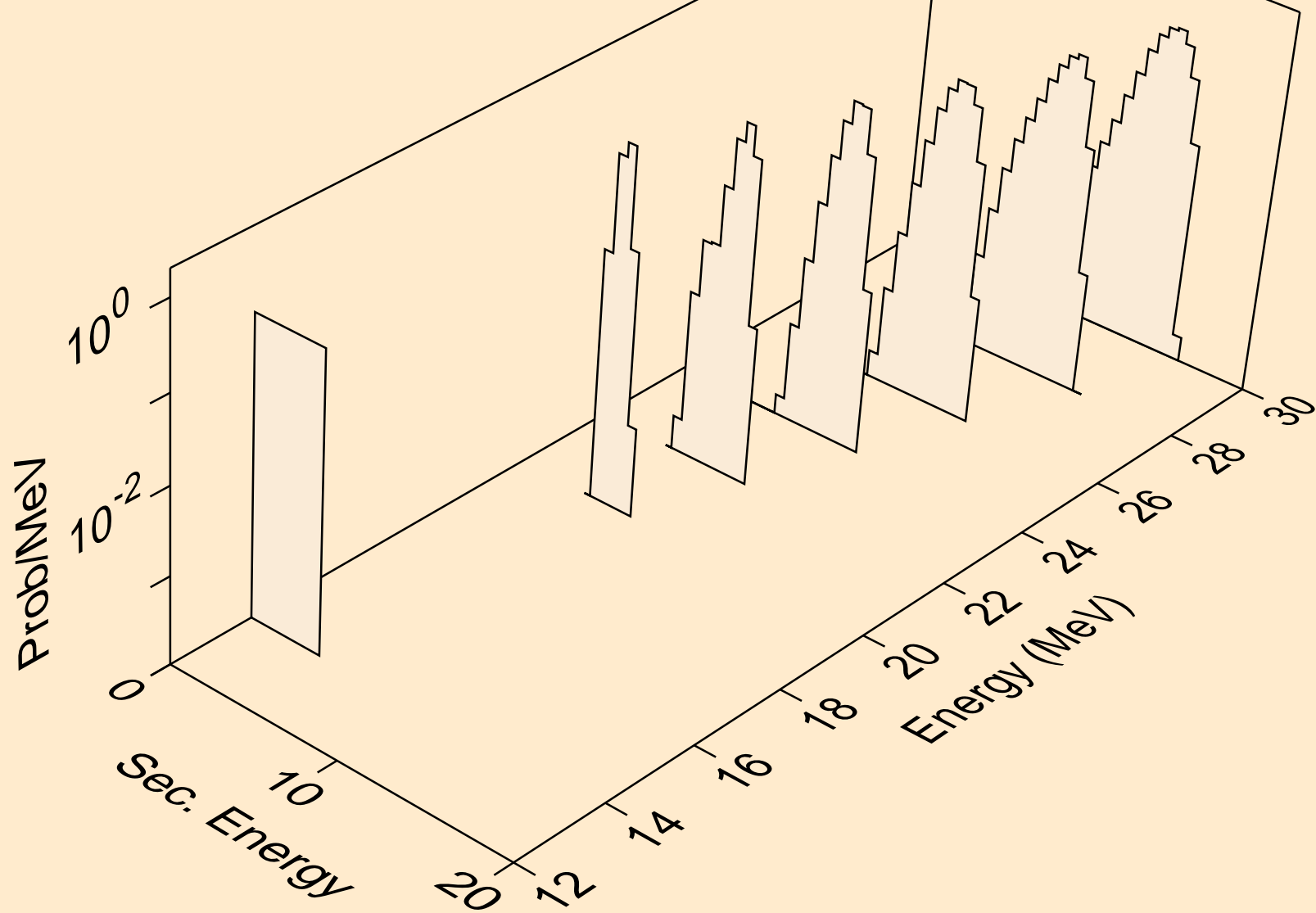
SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



SM158 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

