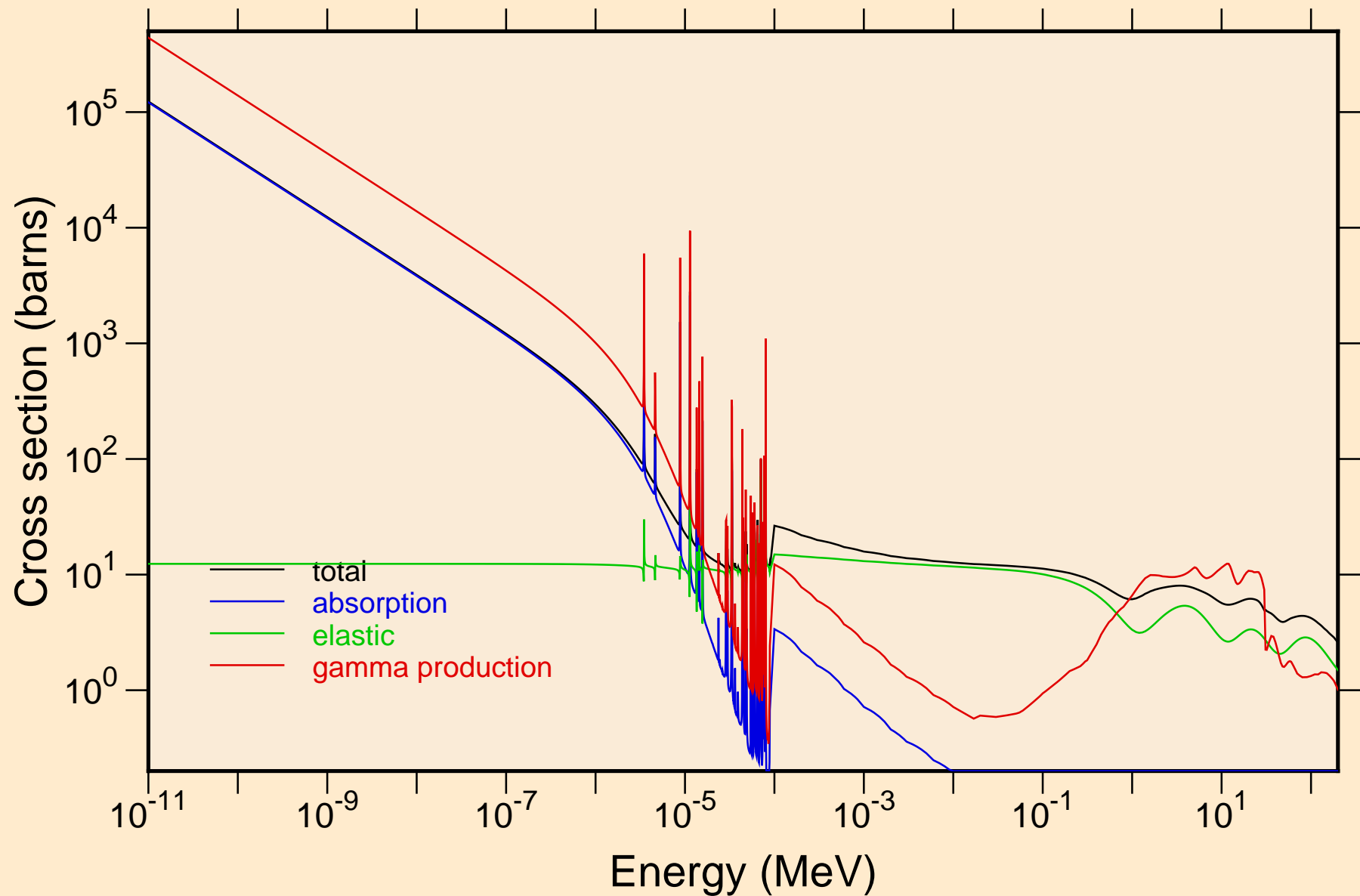
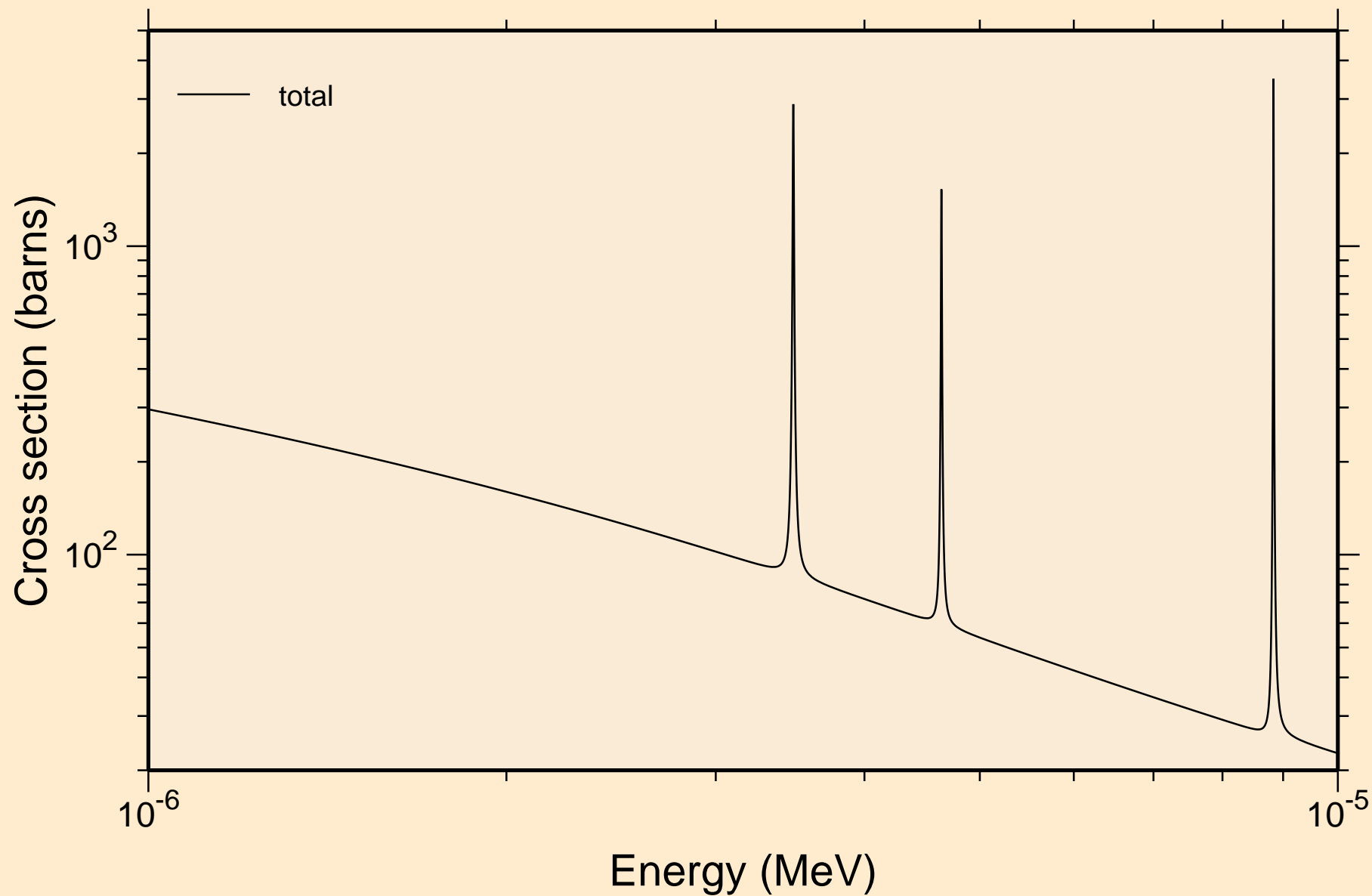


# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

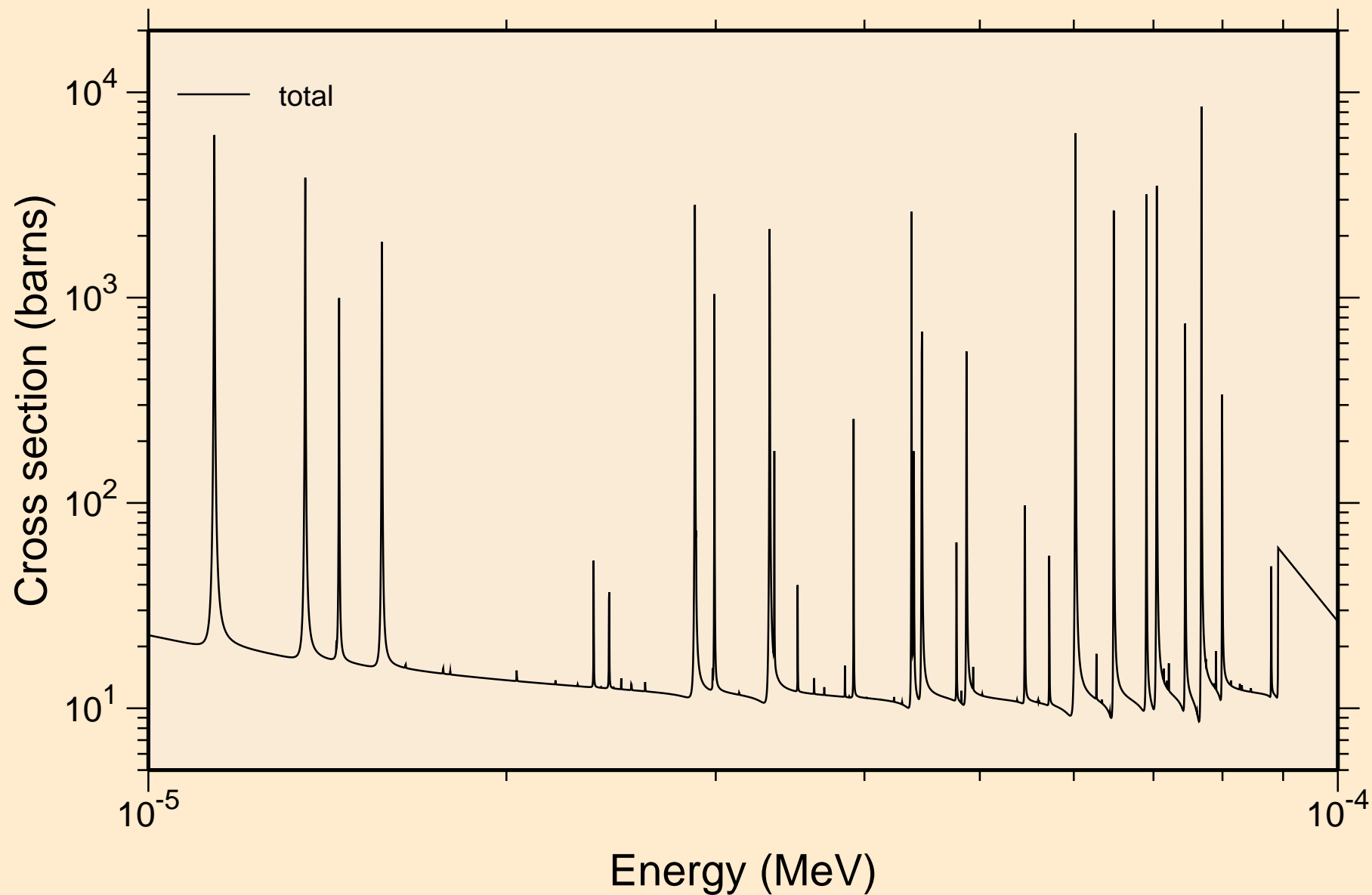
## Principal cross sections



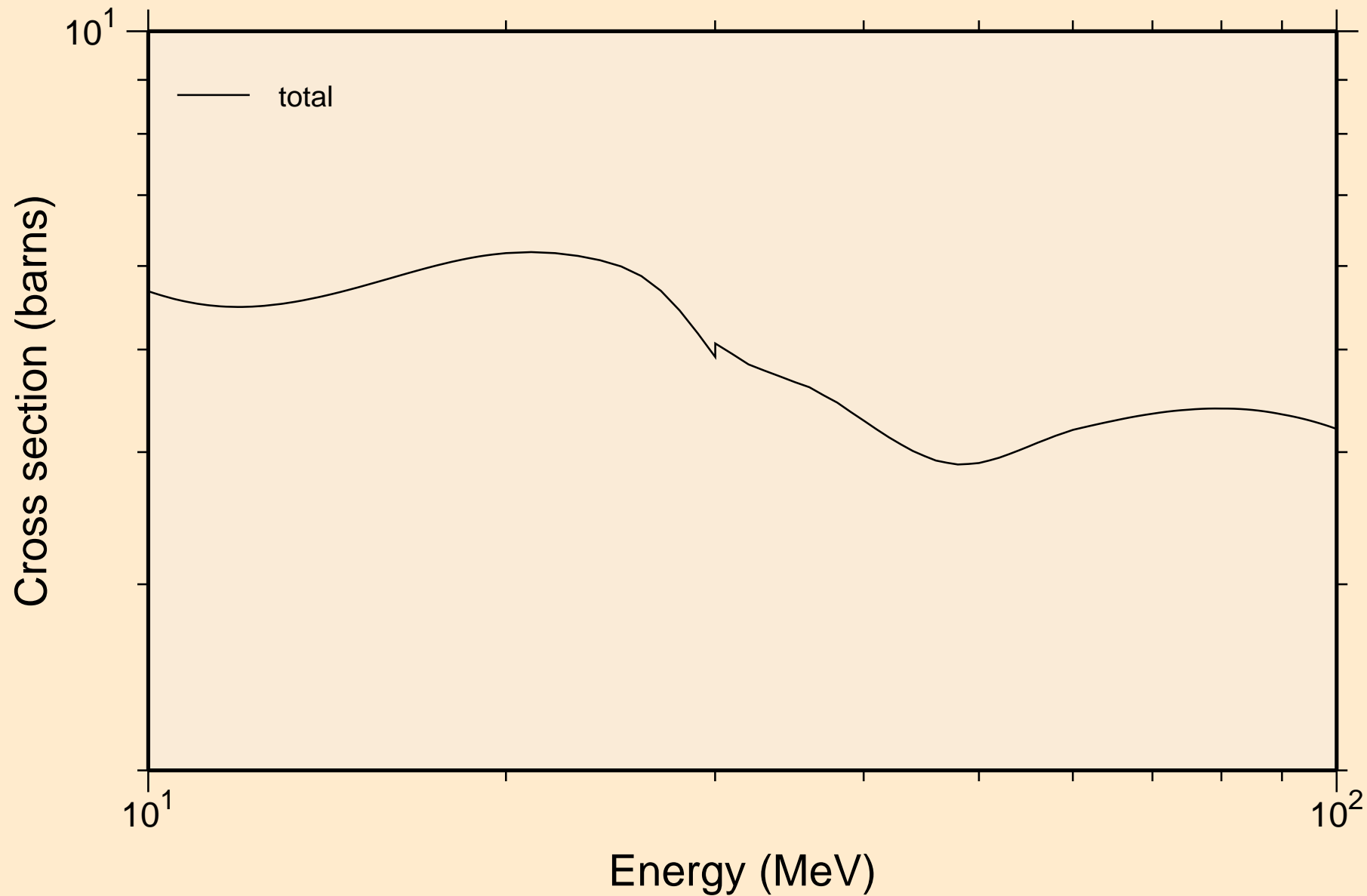
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



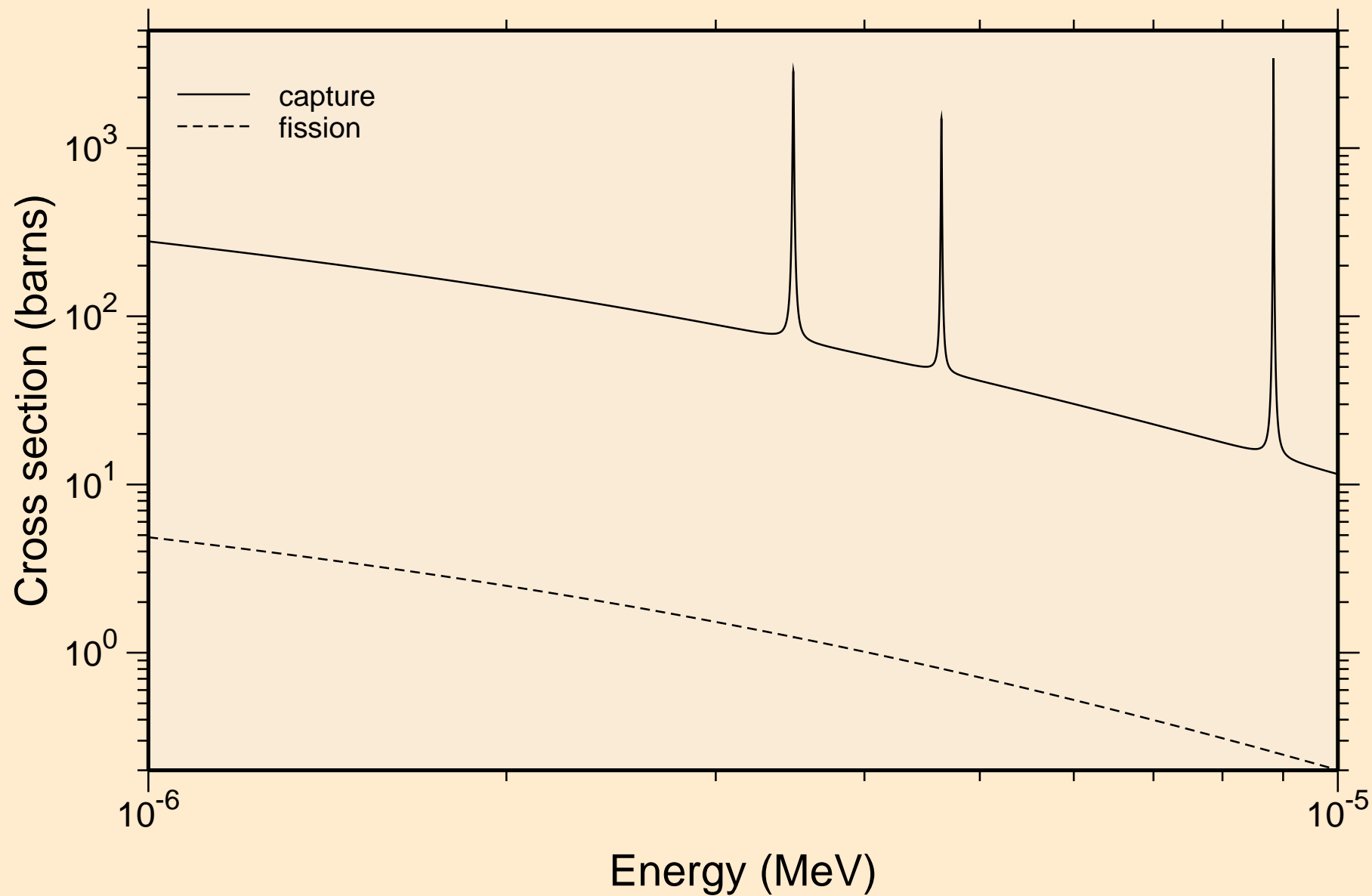
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



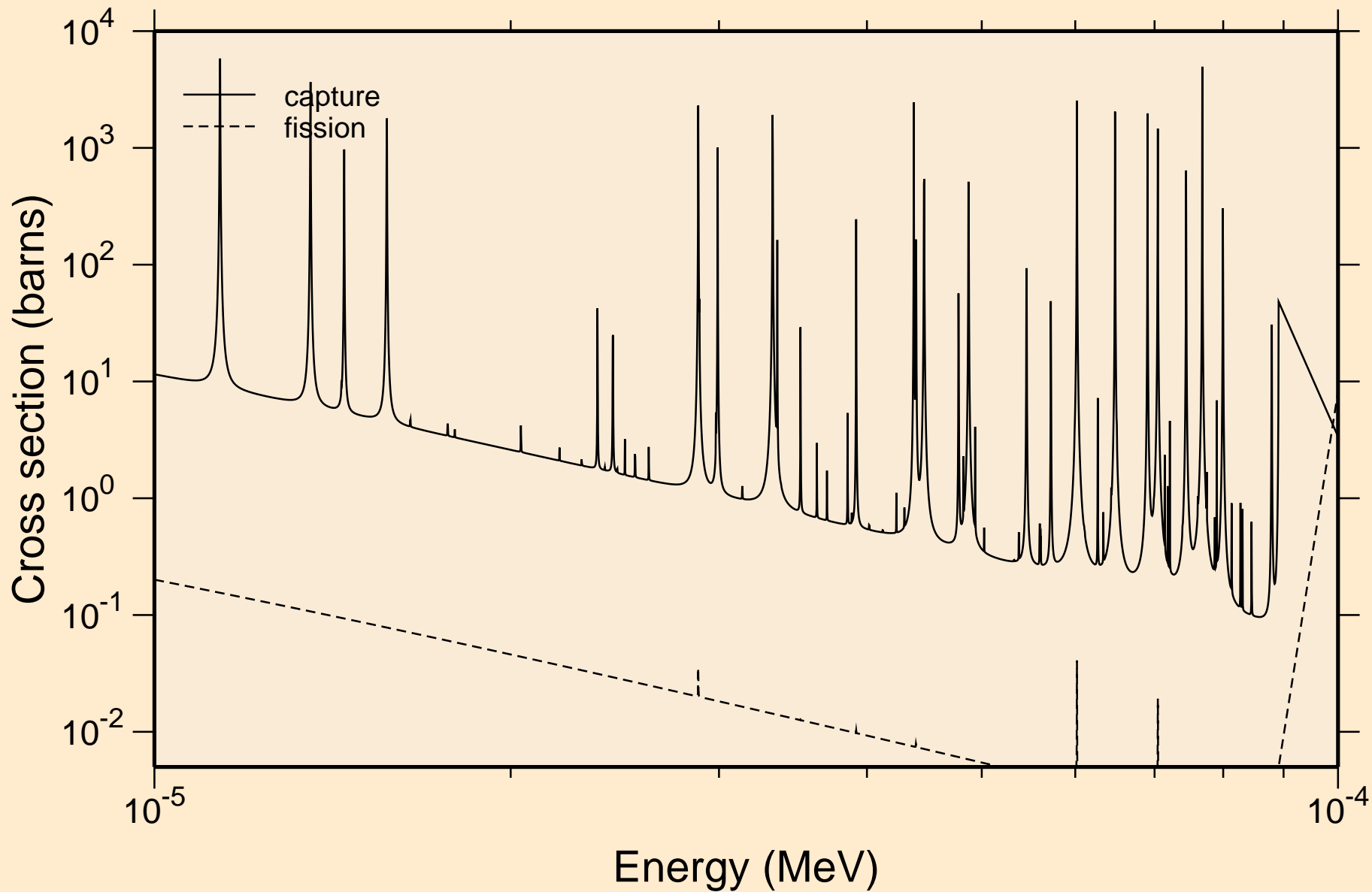
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



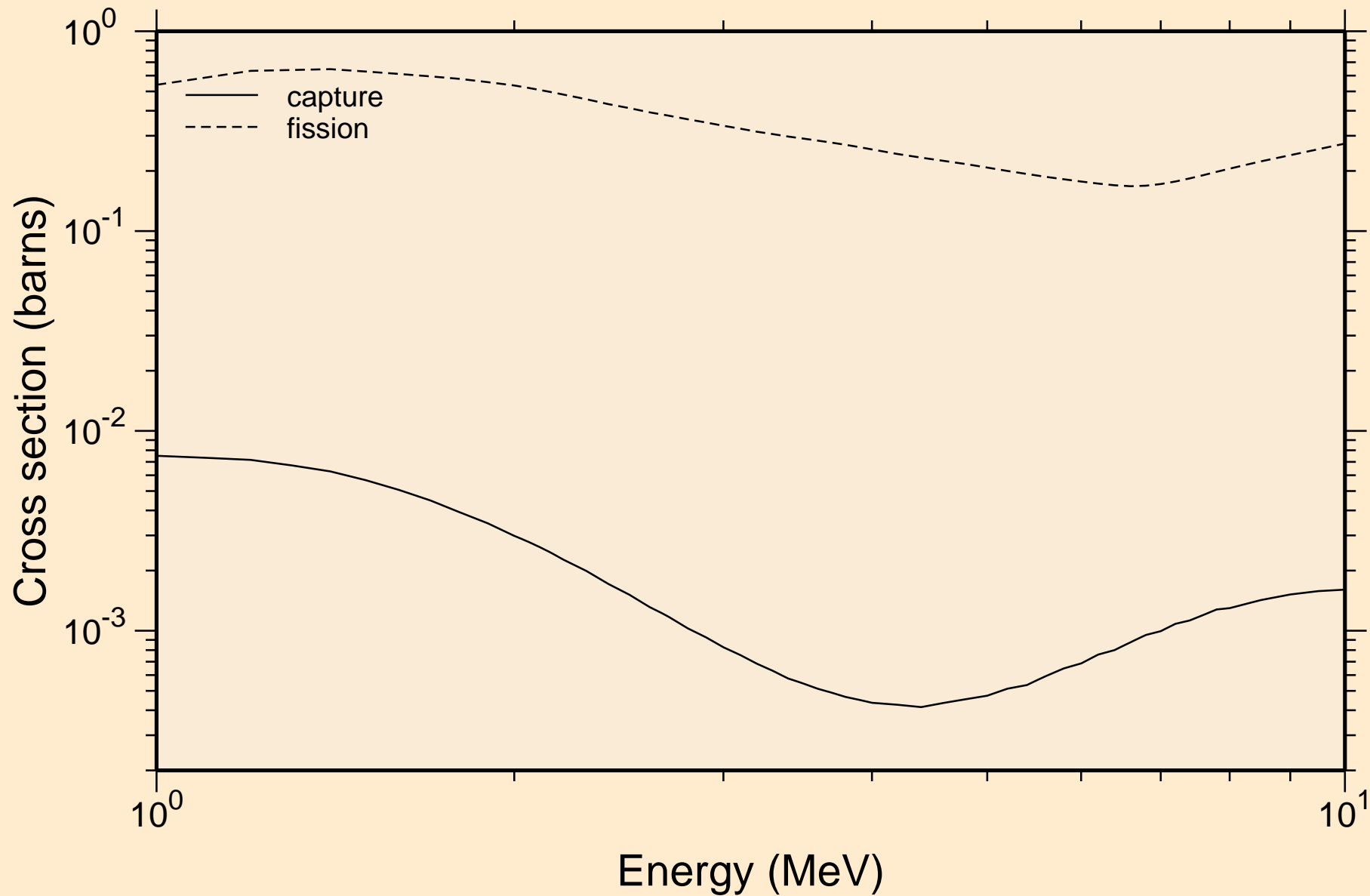
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



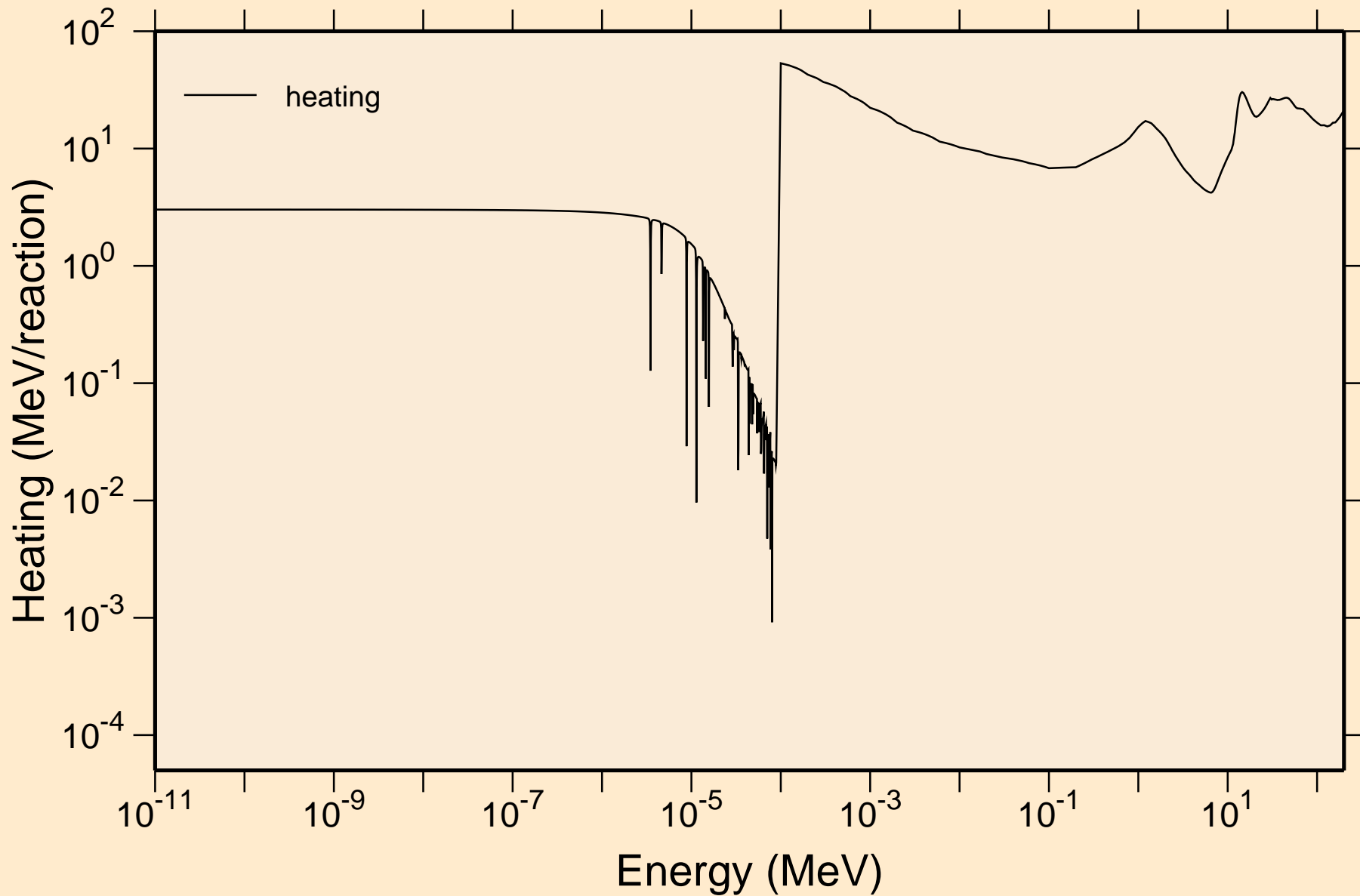
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



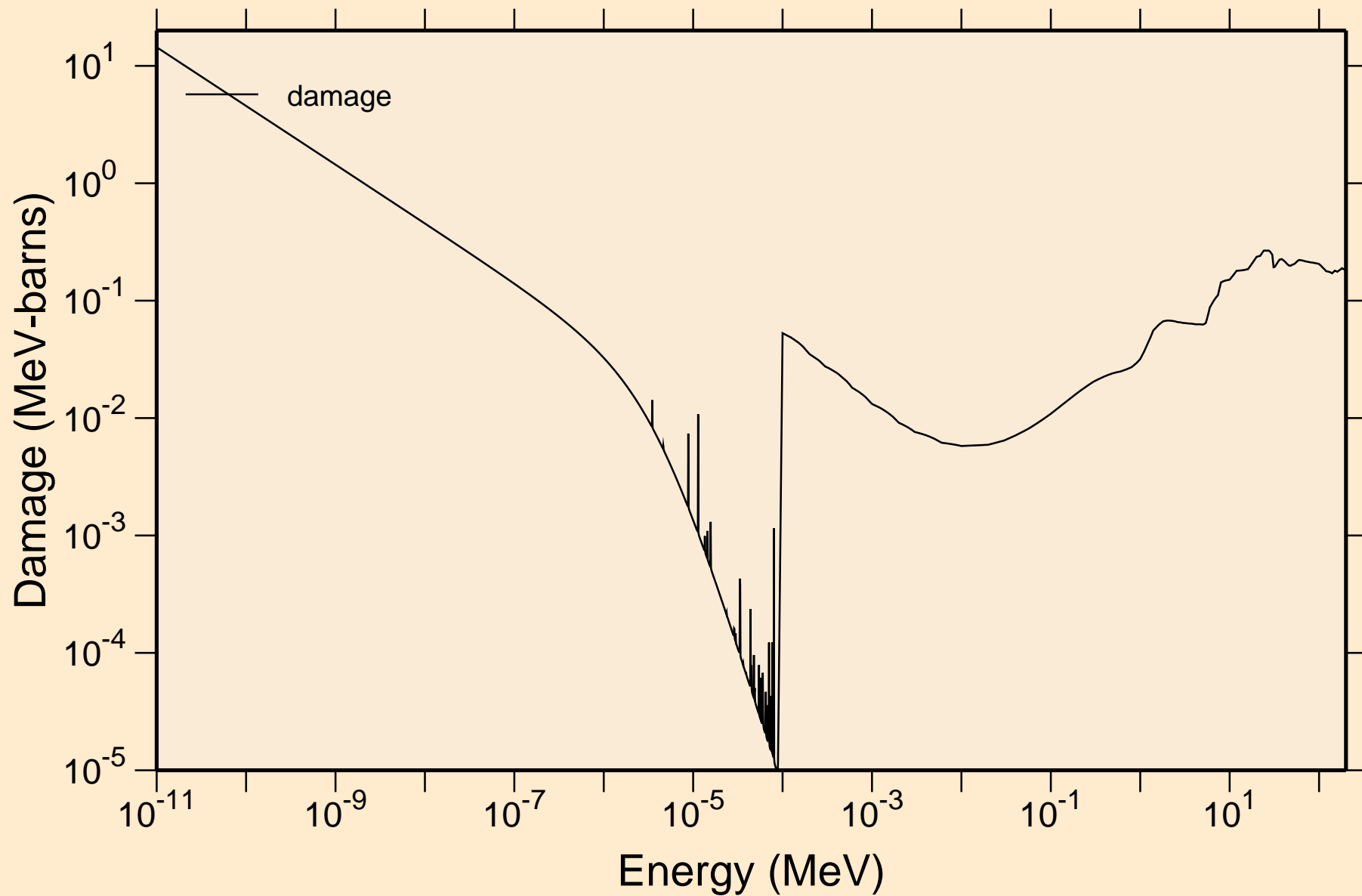
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

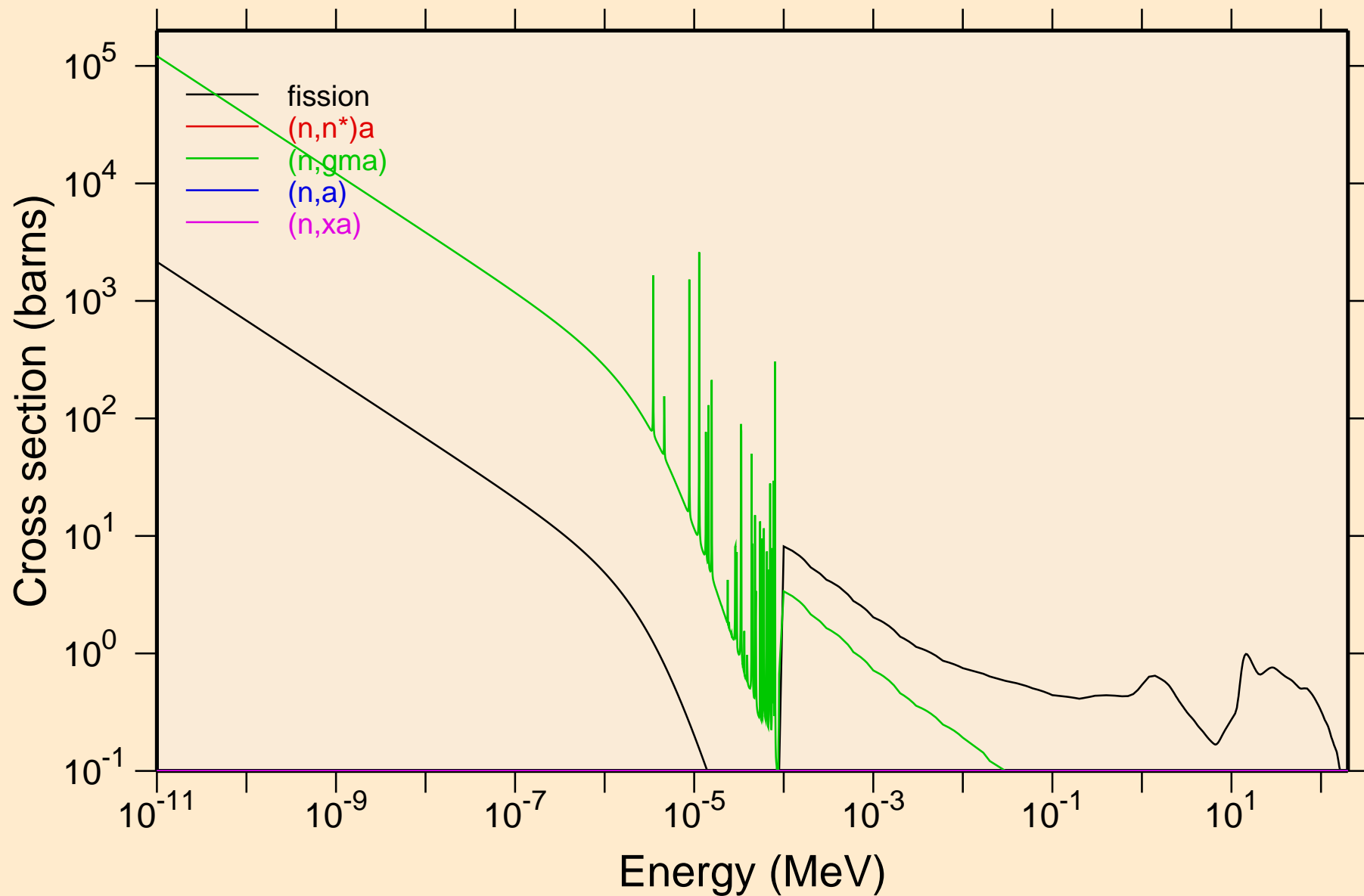


TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



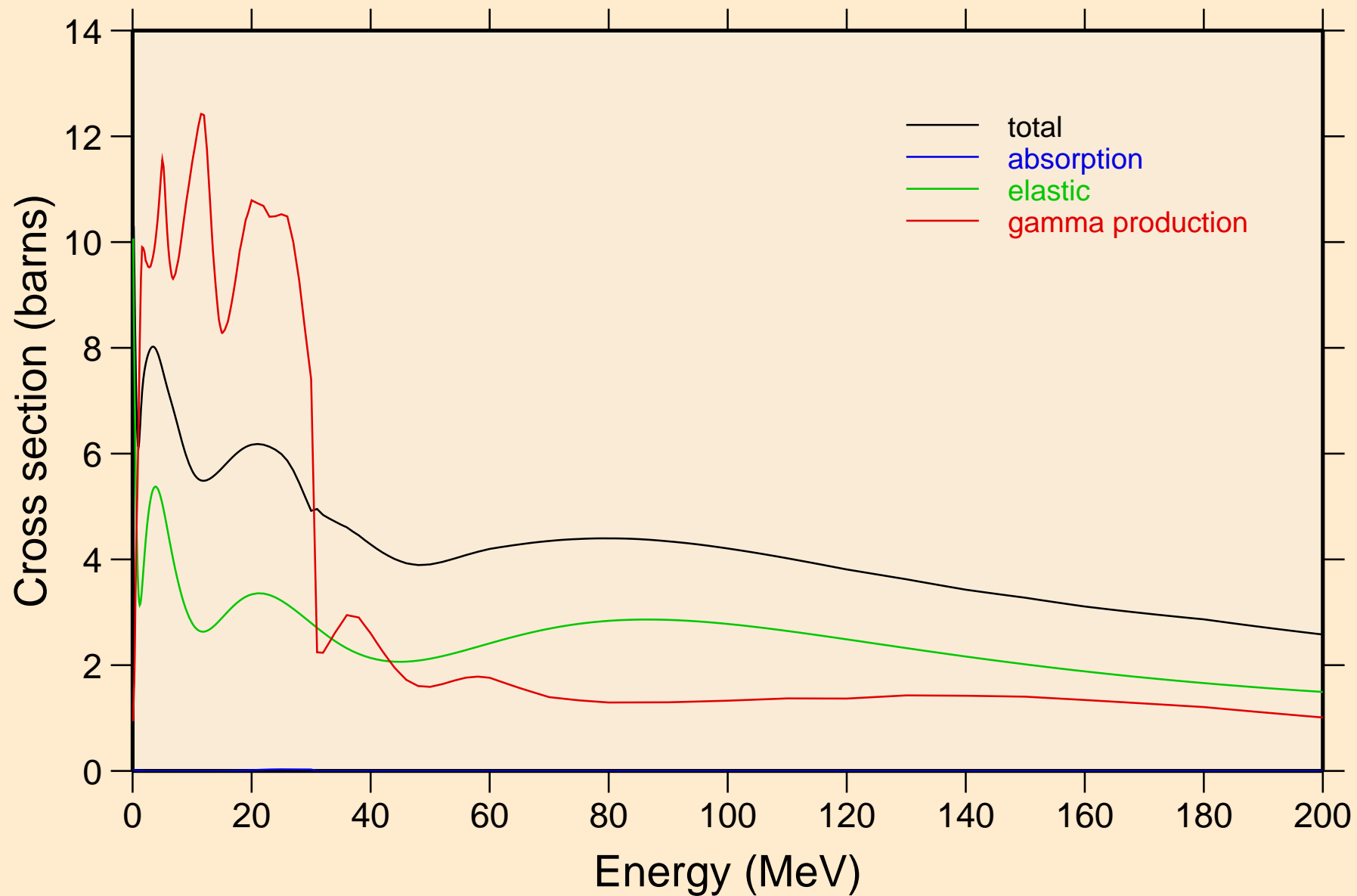
# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

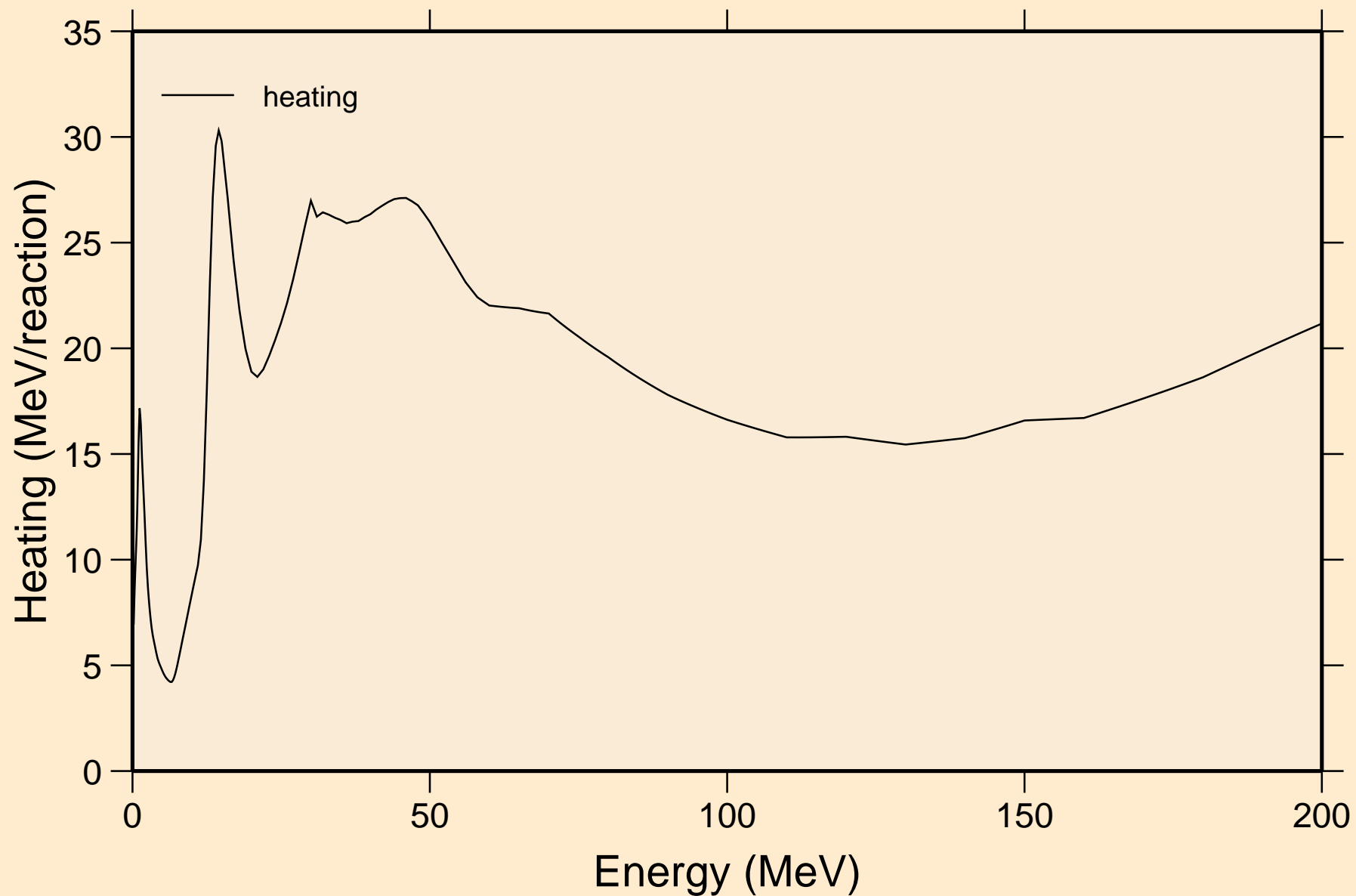


# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

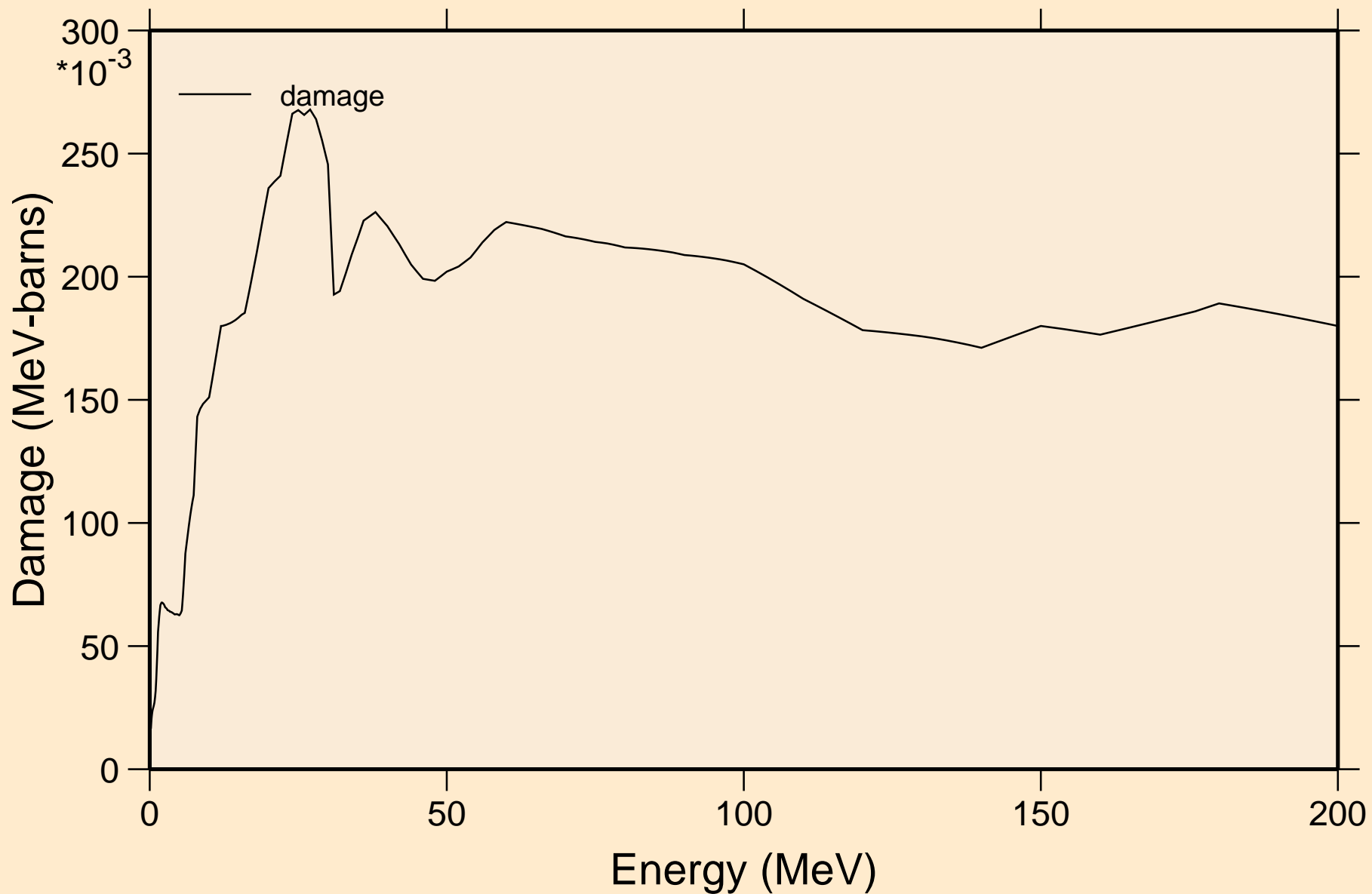
## Principal cross sections



TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

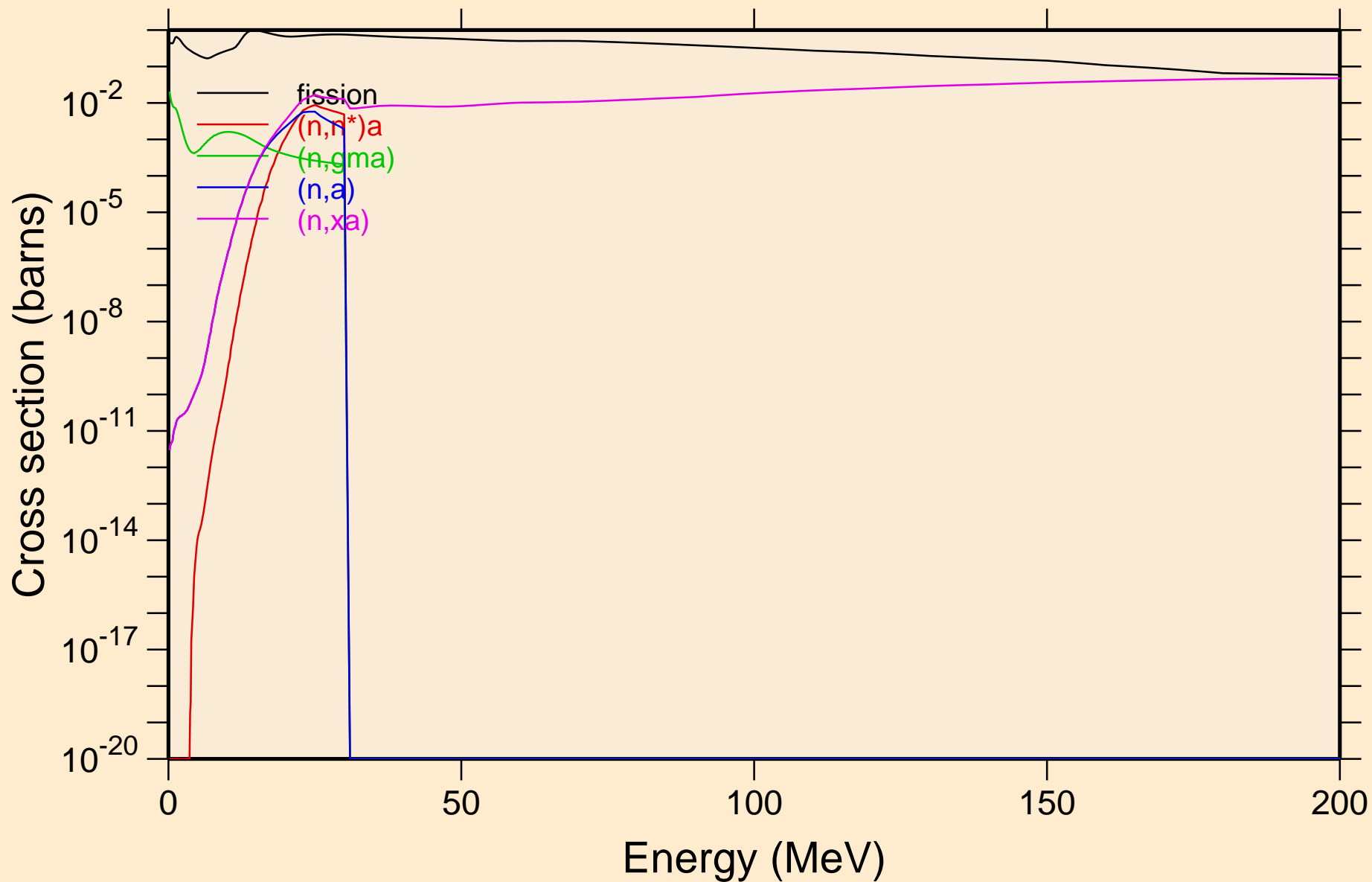


TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

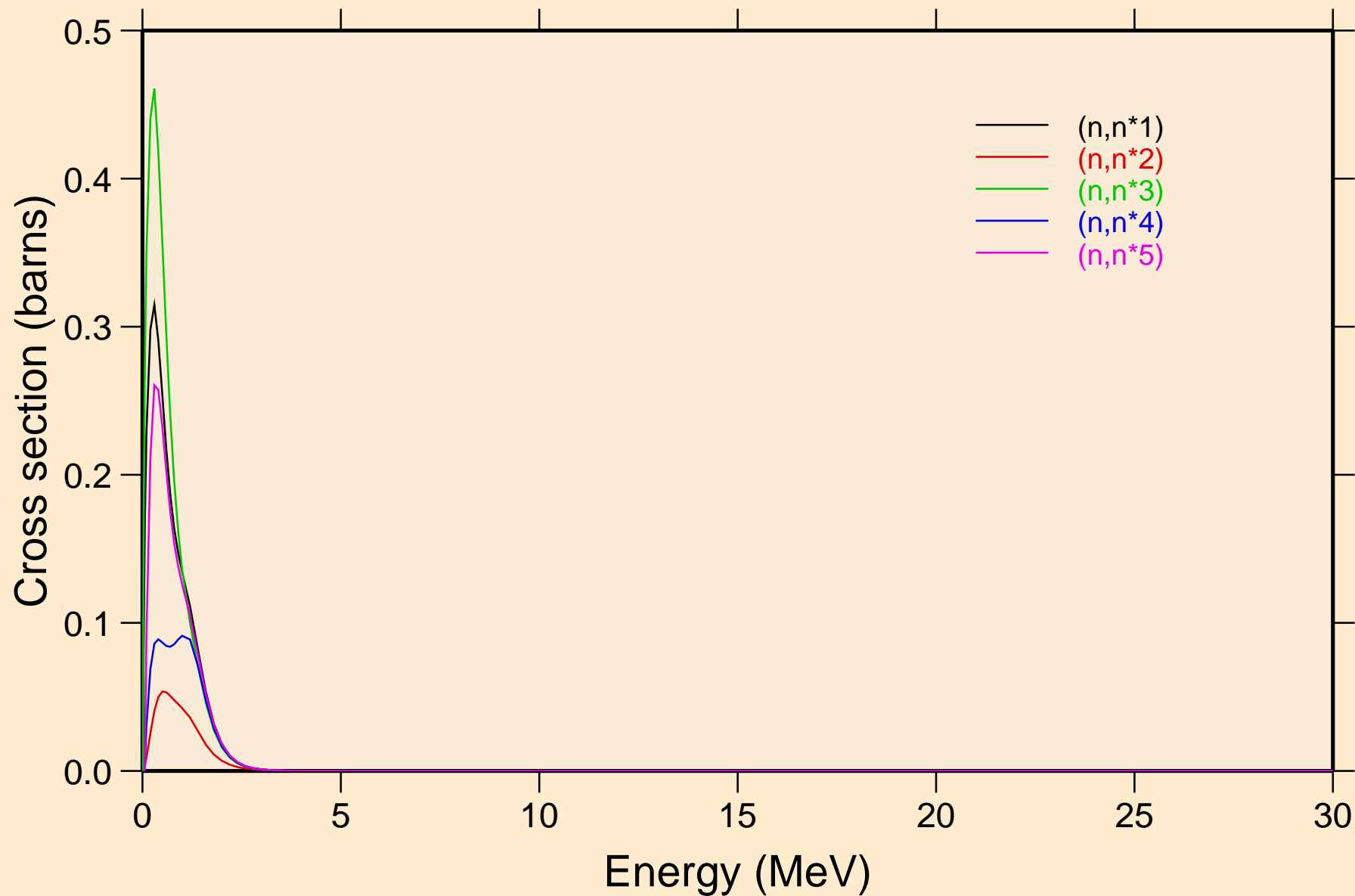


# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

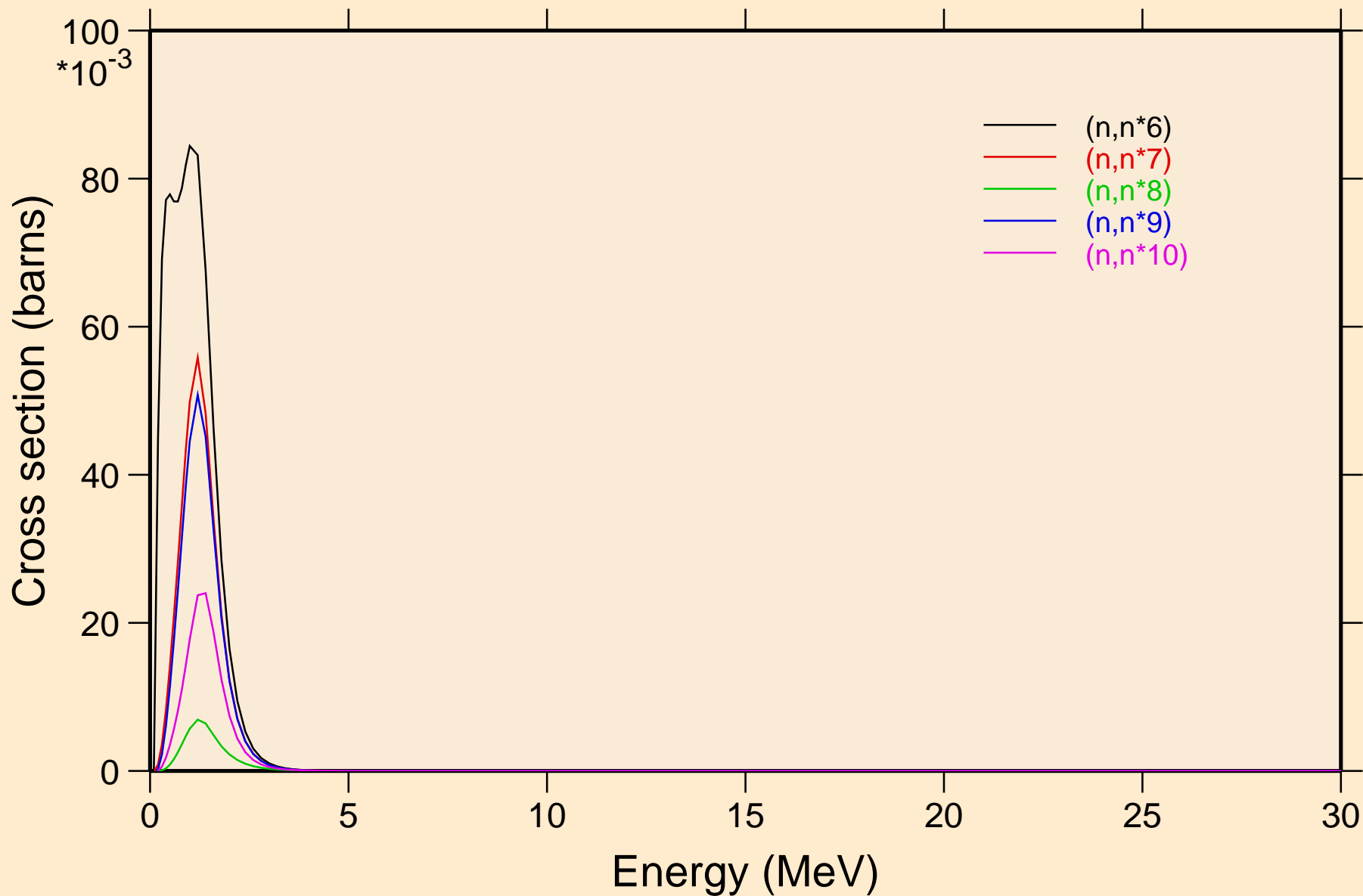
## Non-threshold reactions



TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

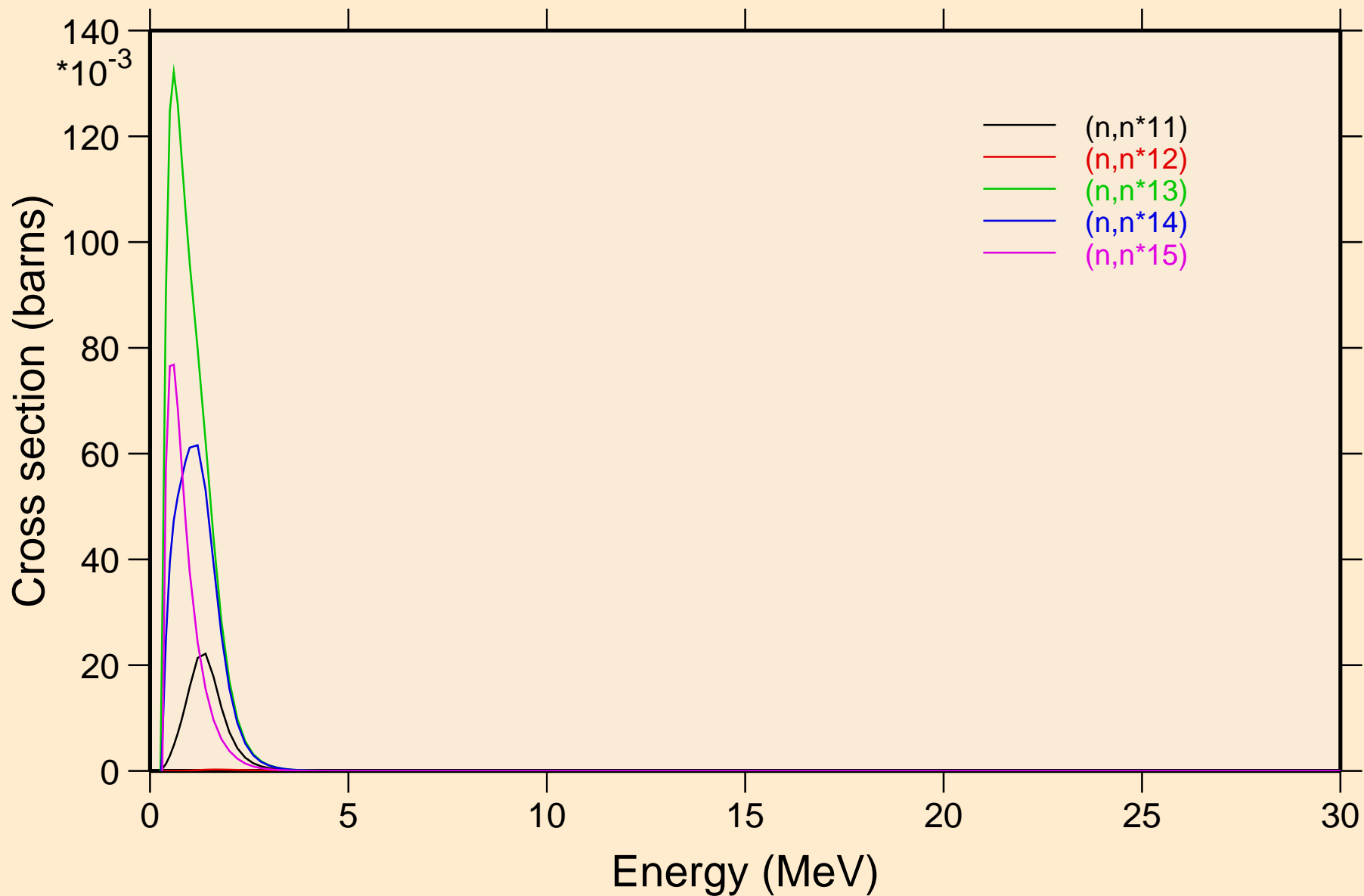


TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

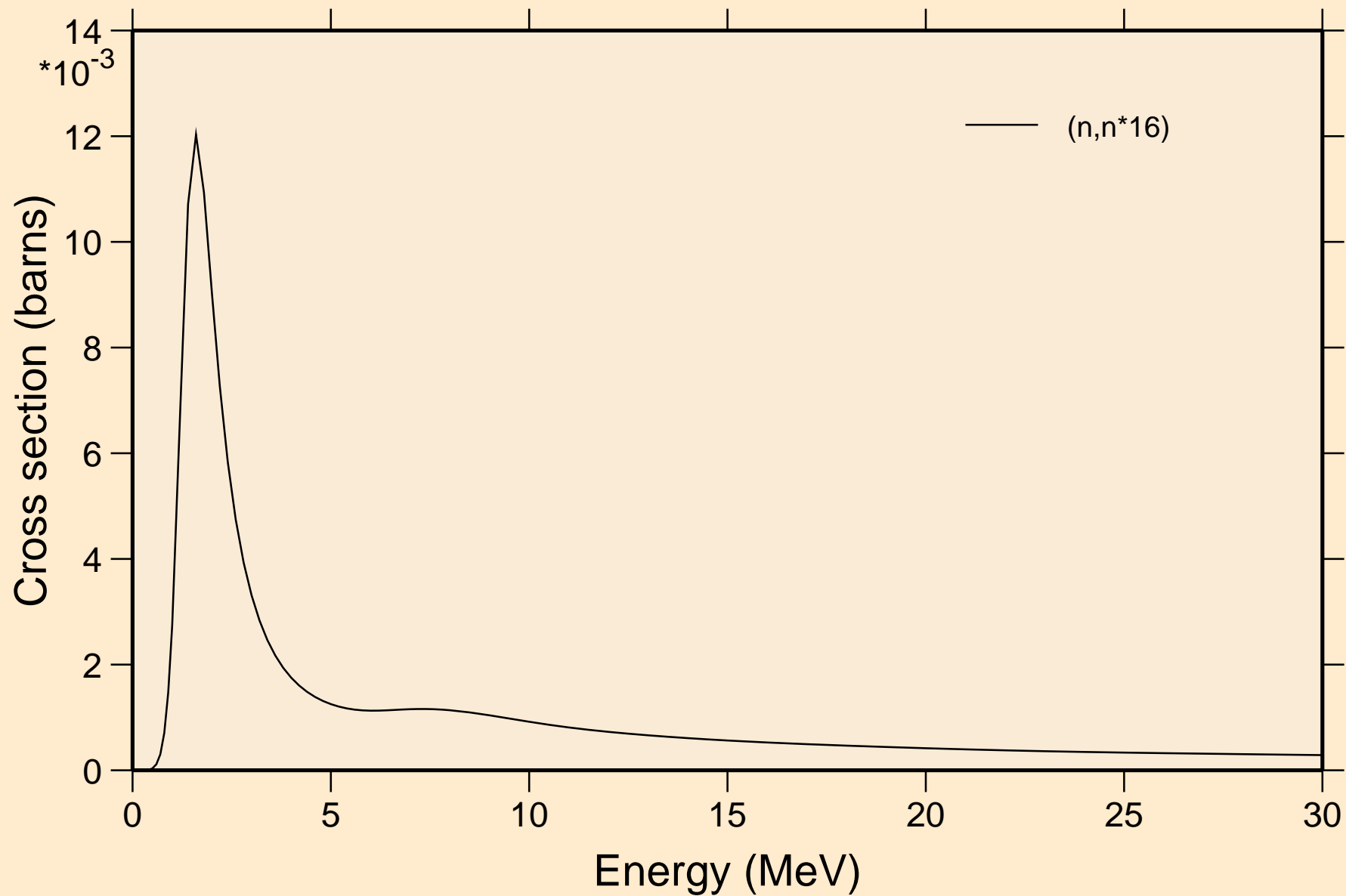


# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

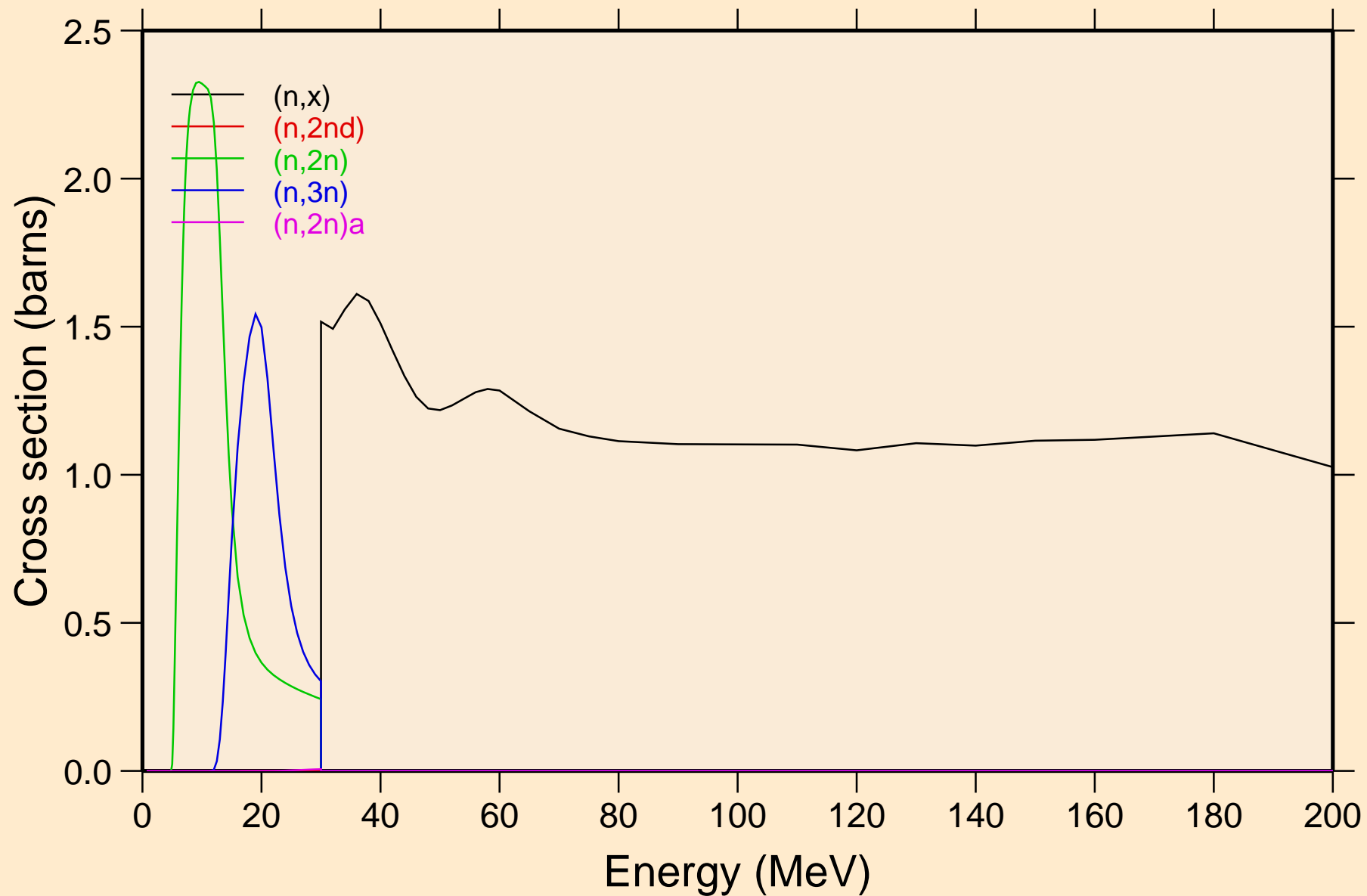


TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



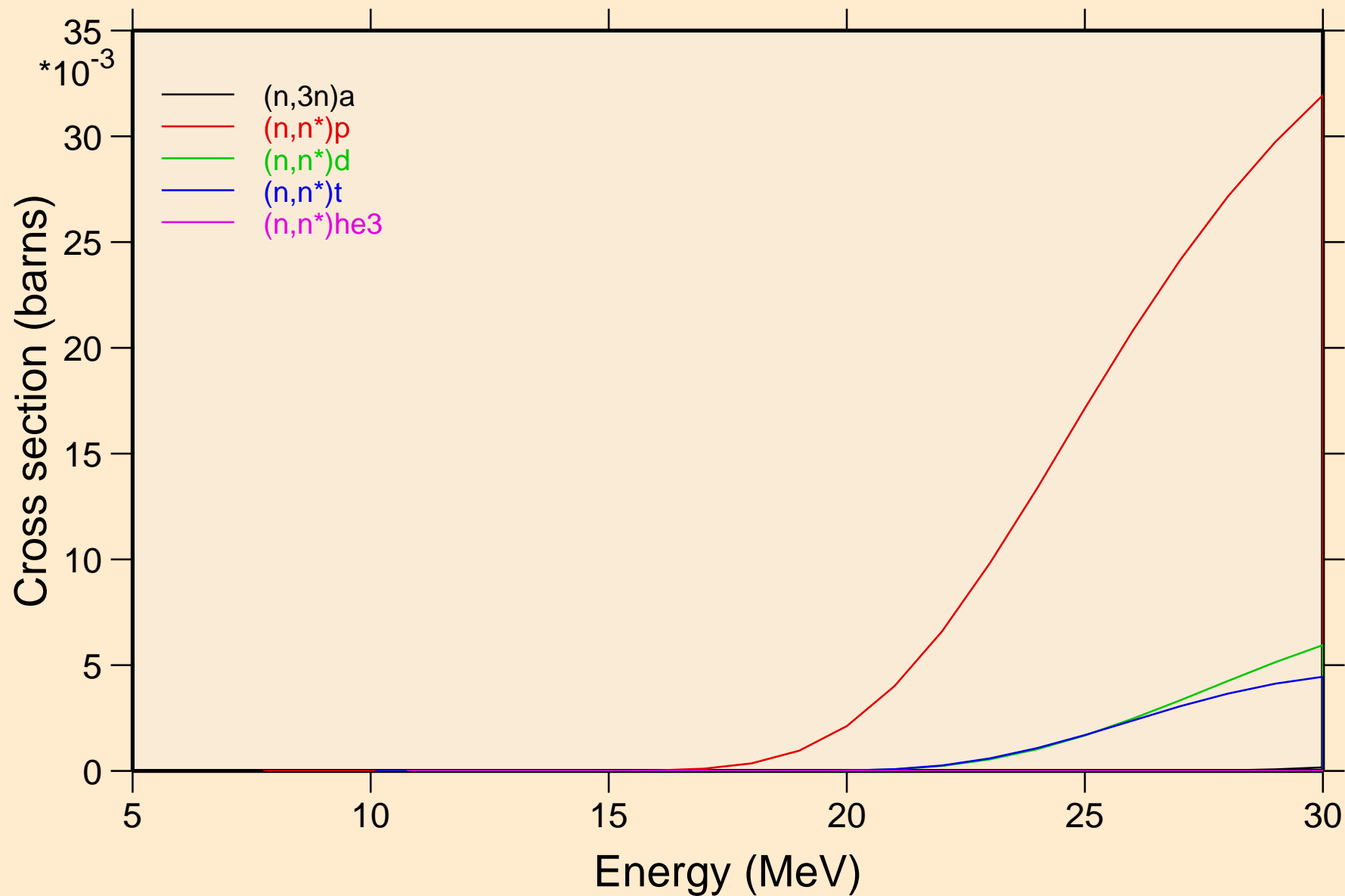
# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



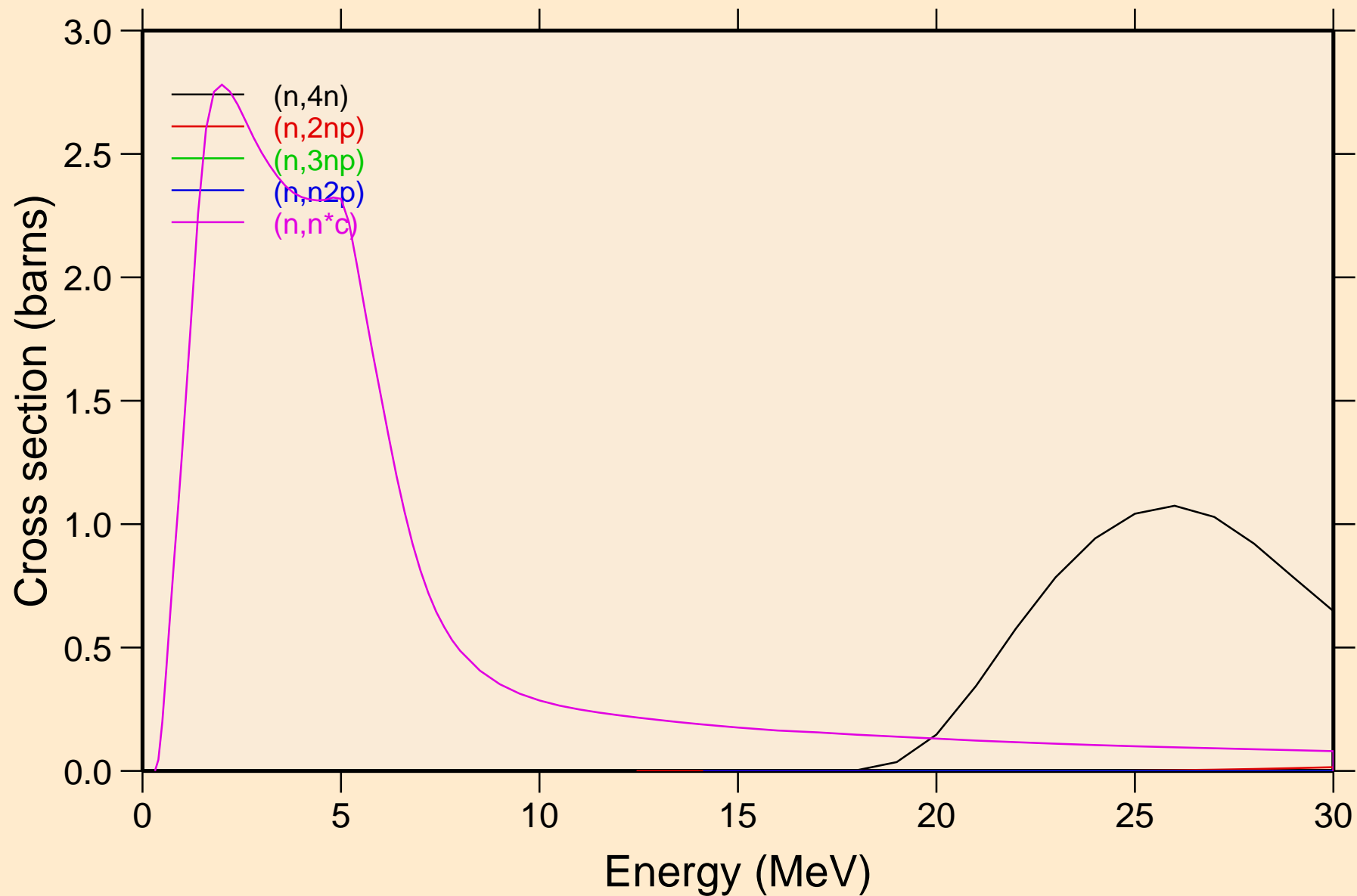
# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

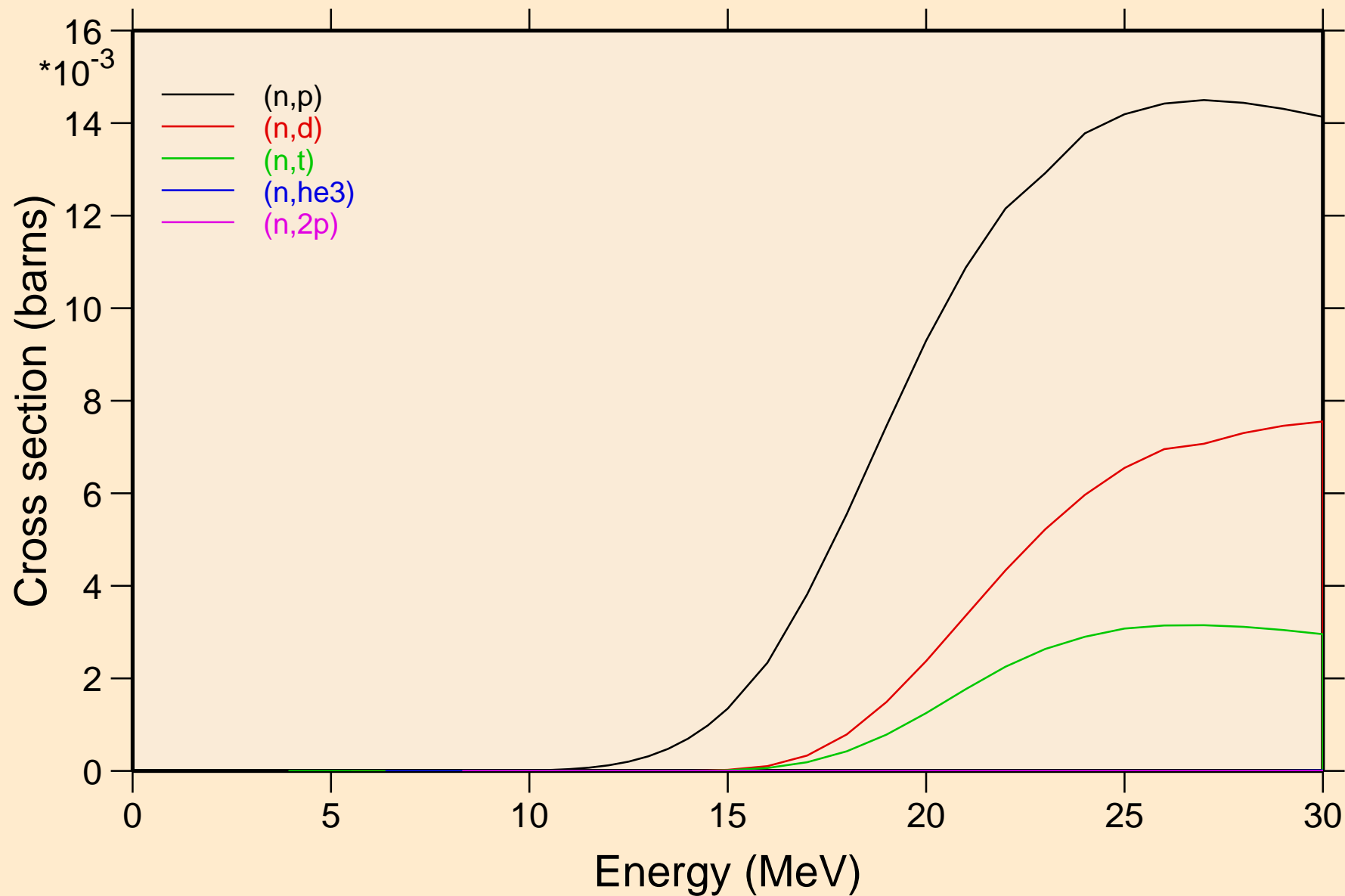


# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

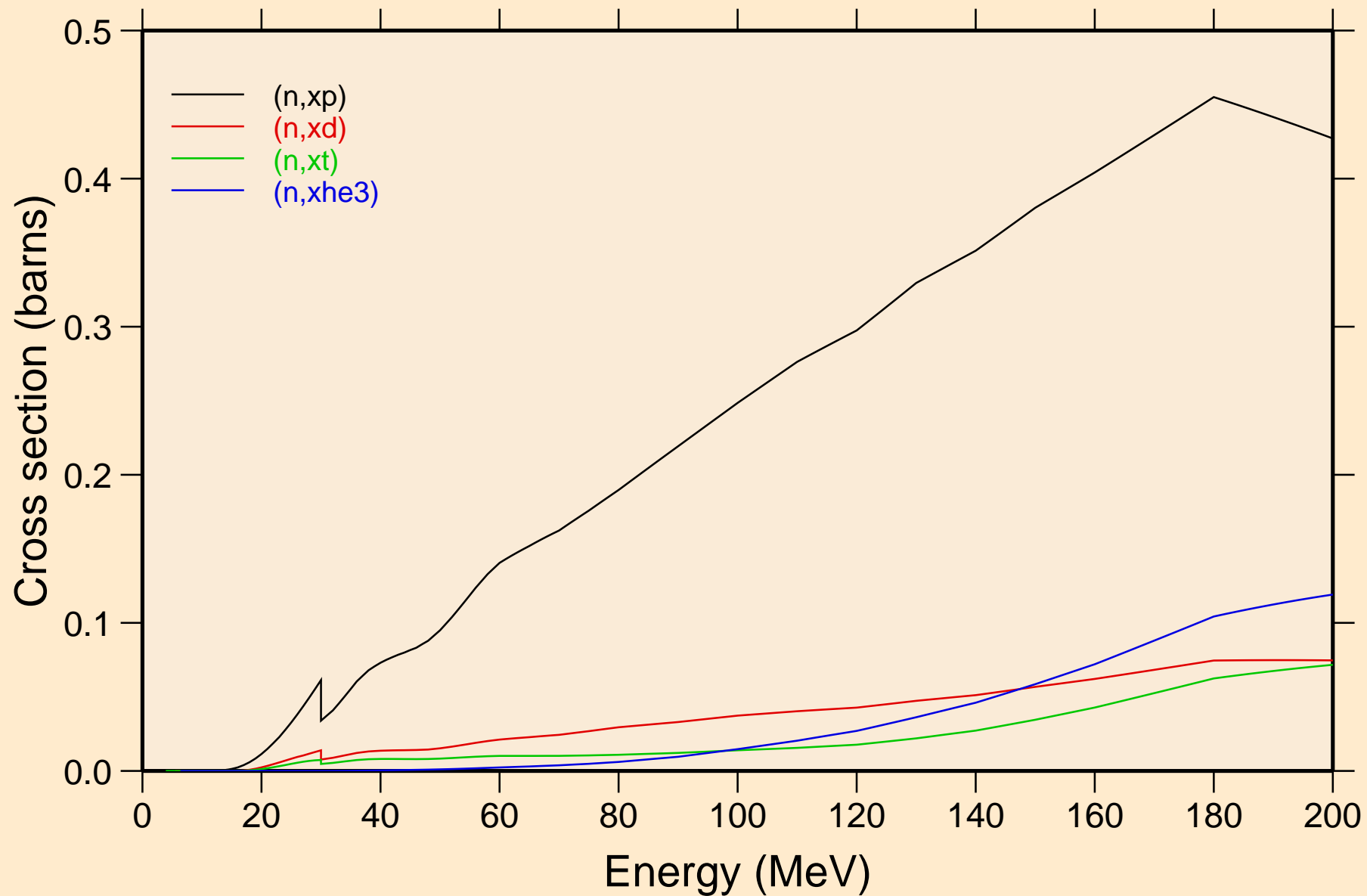
## Threshold reactions



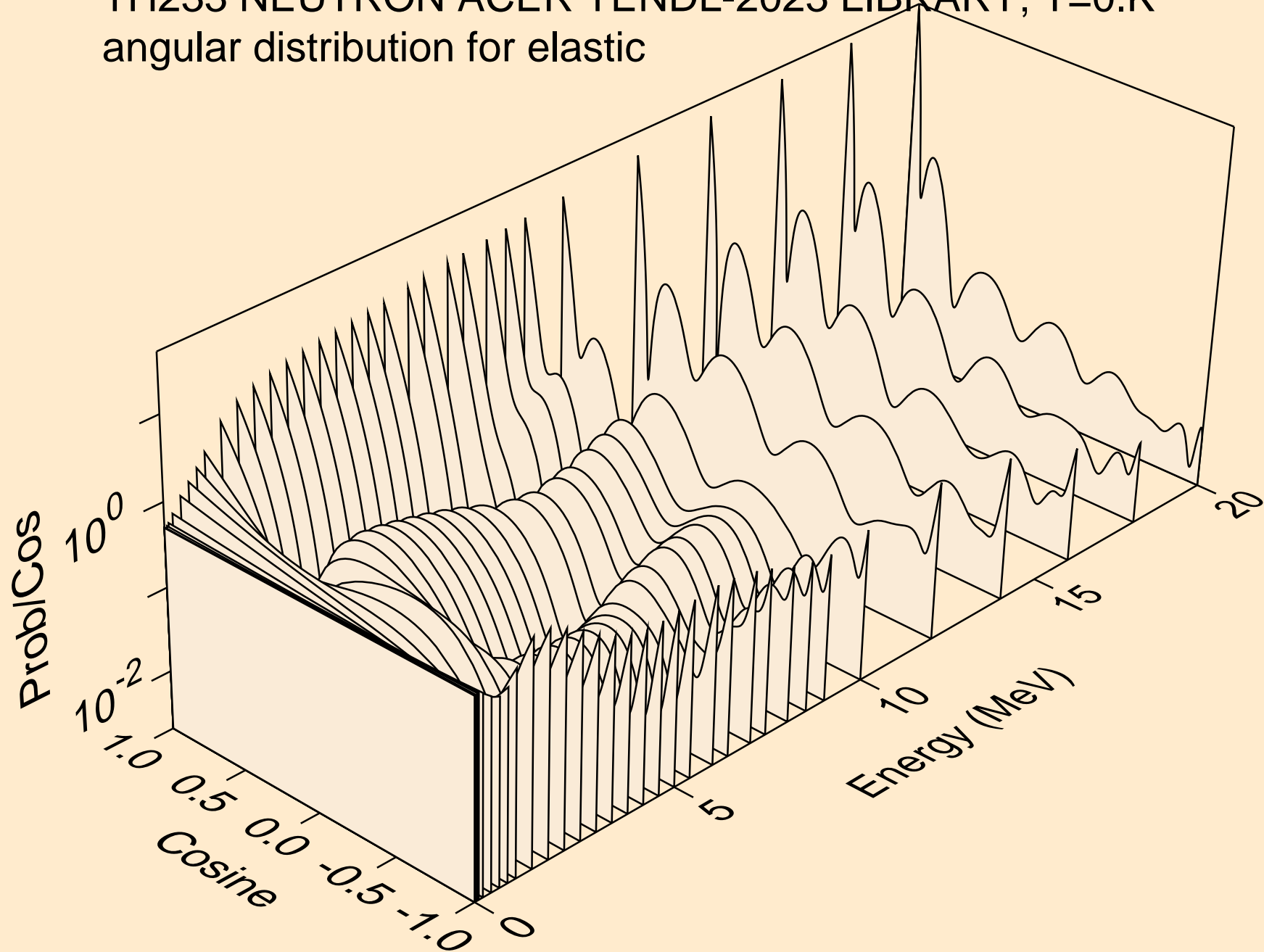
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



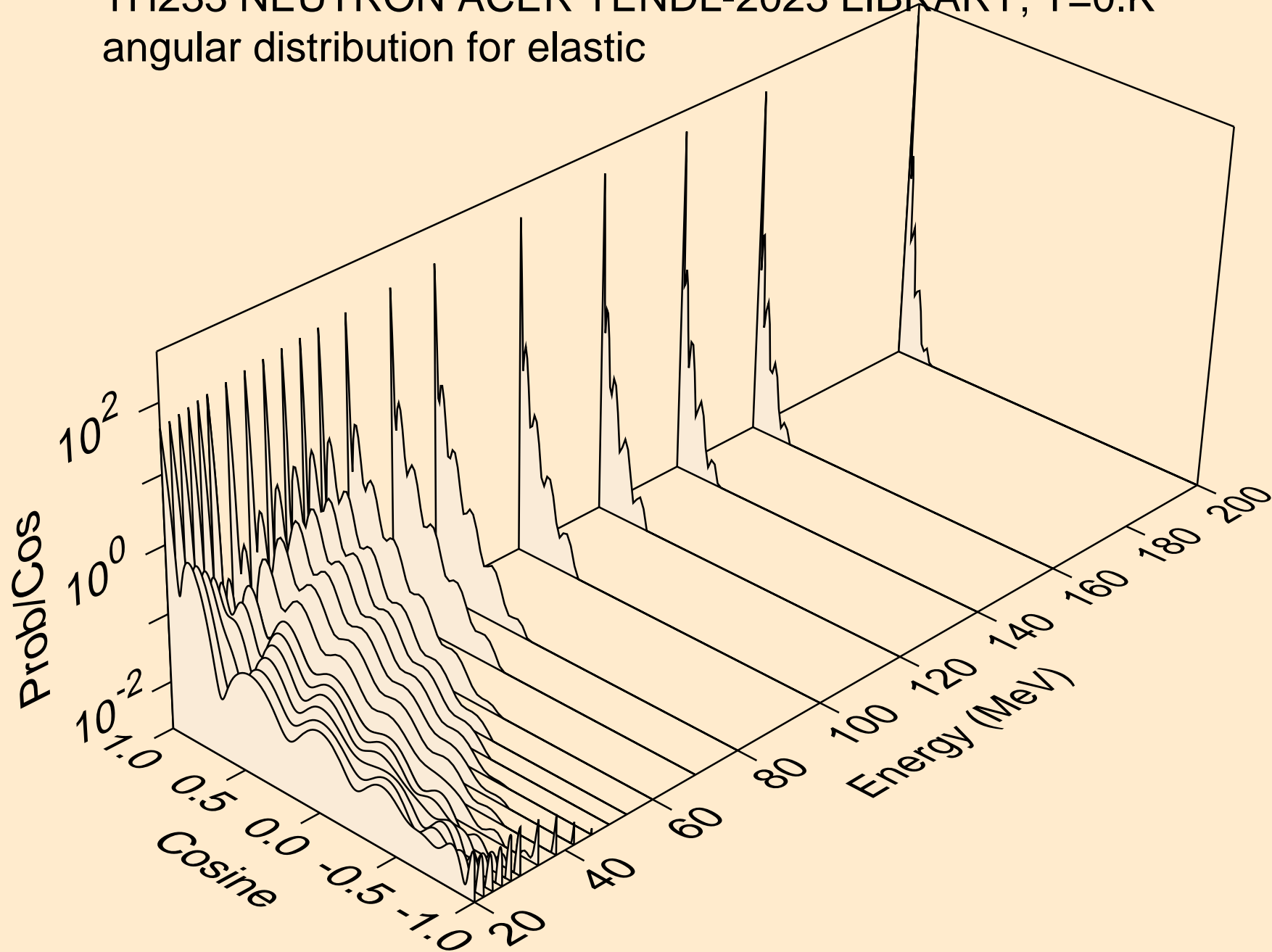
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



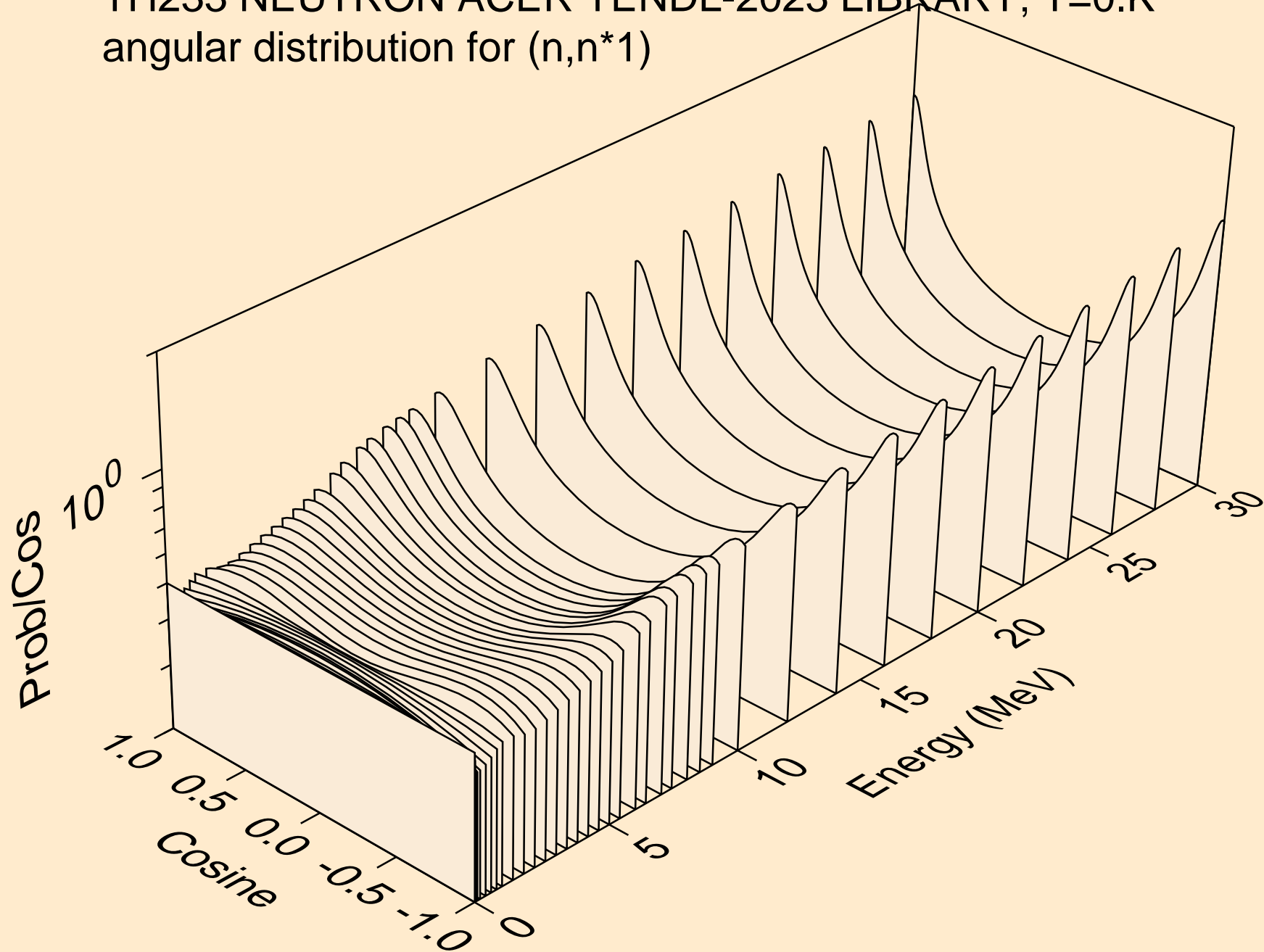
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



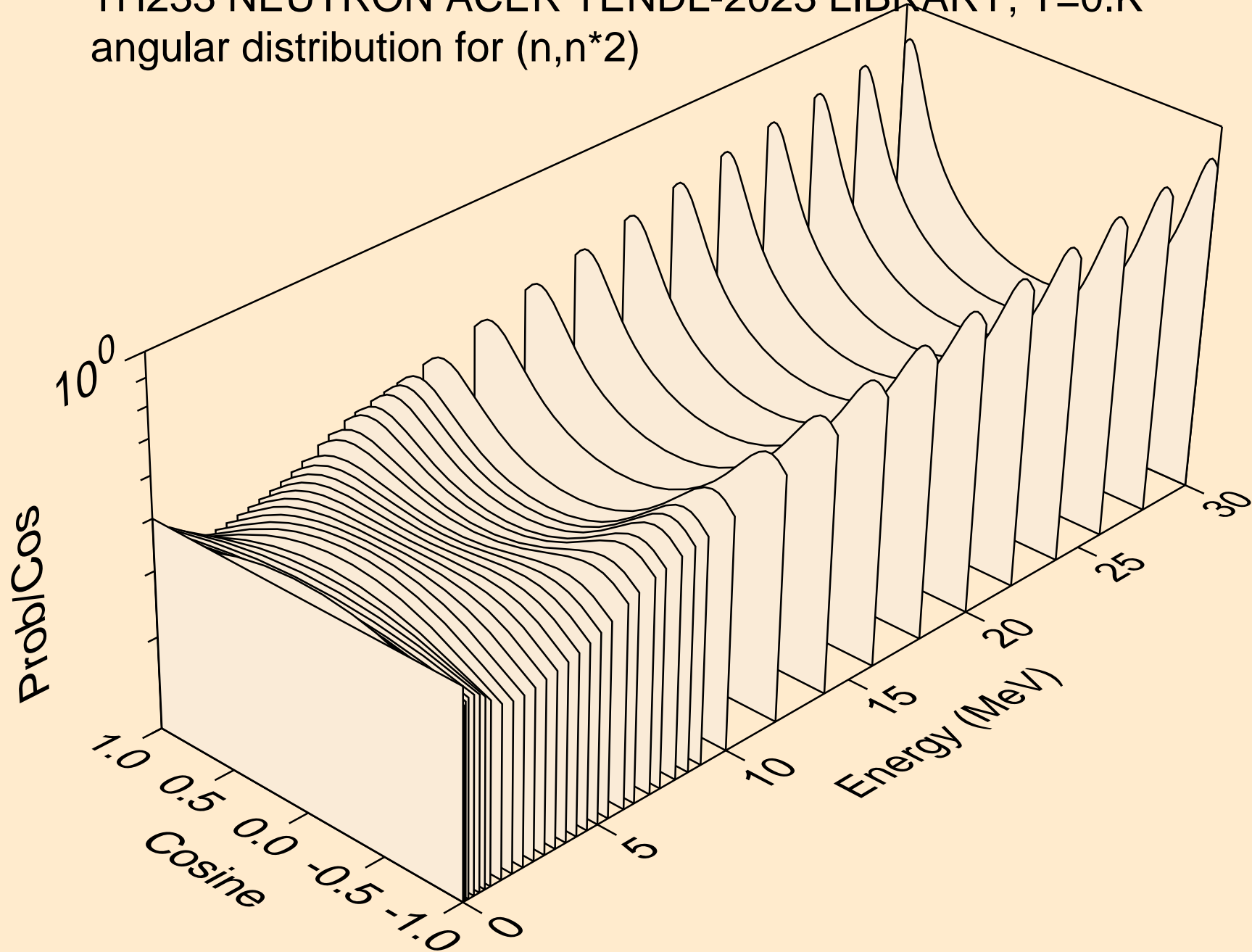
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



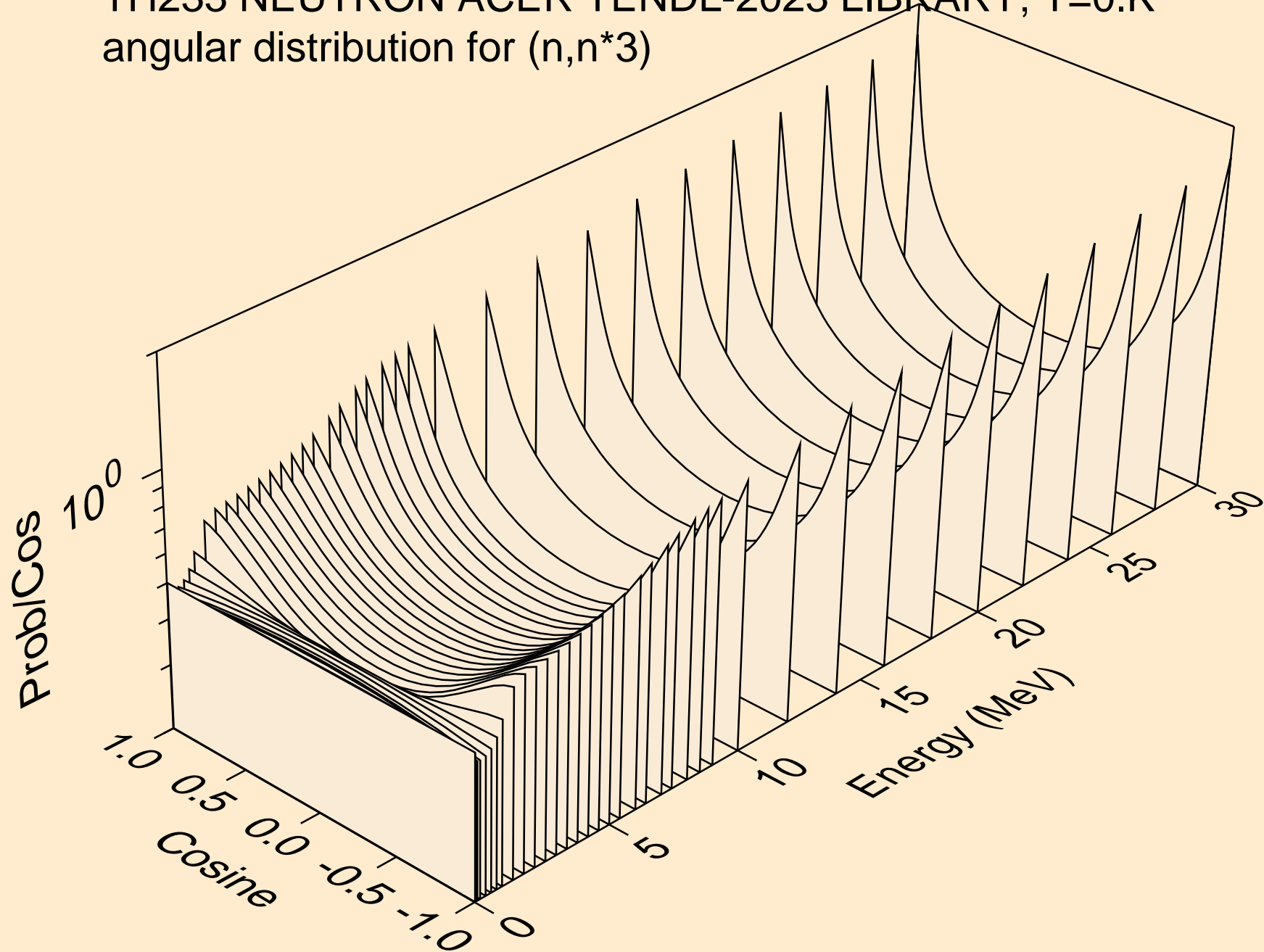
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



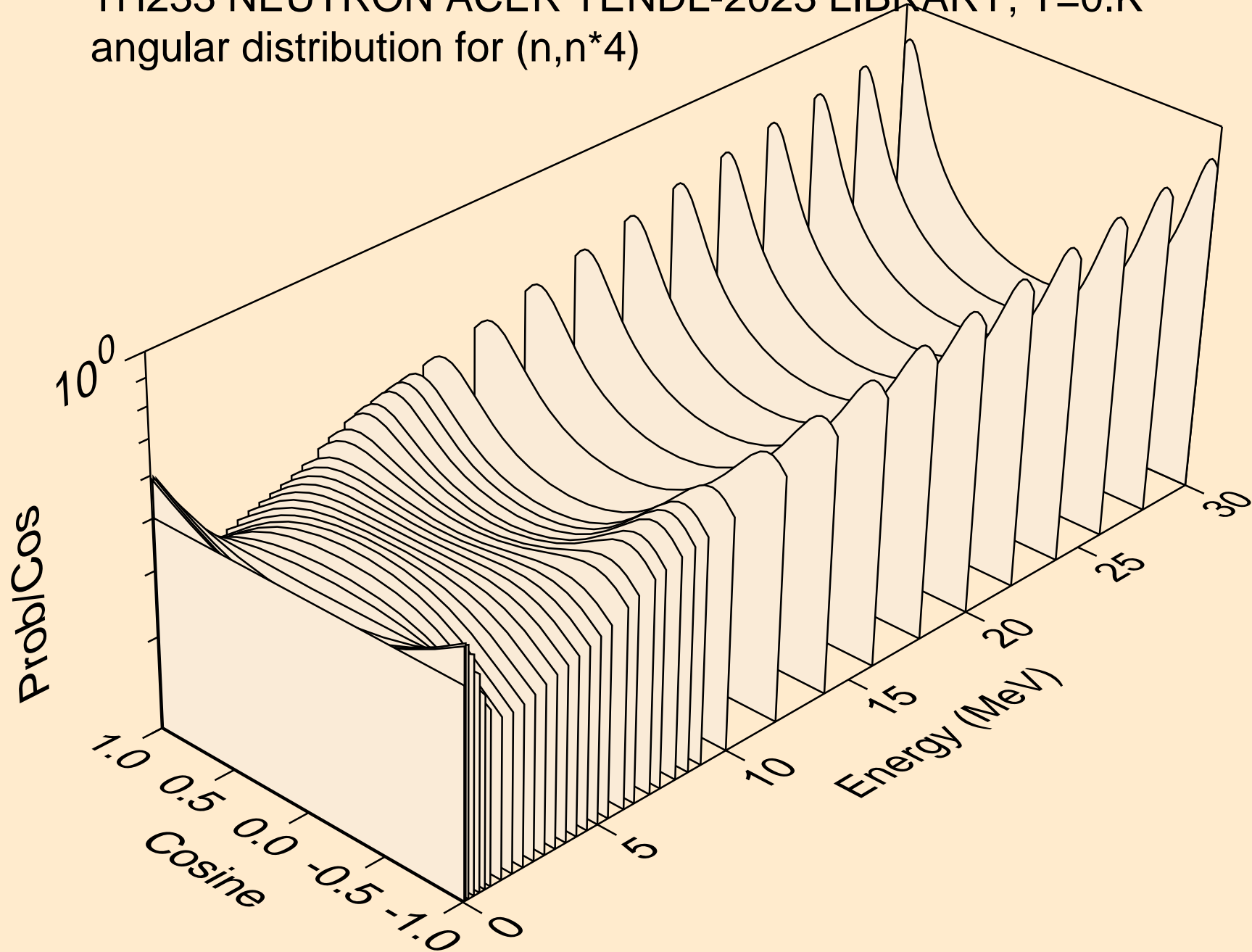
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



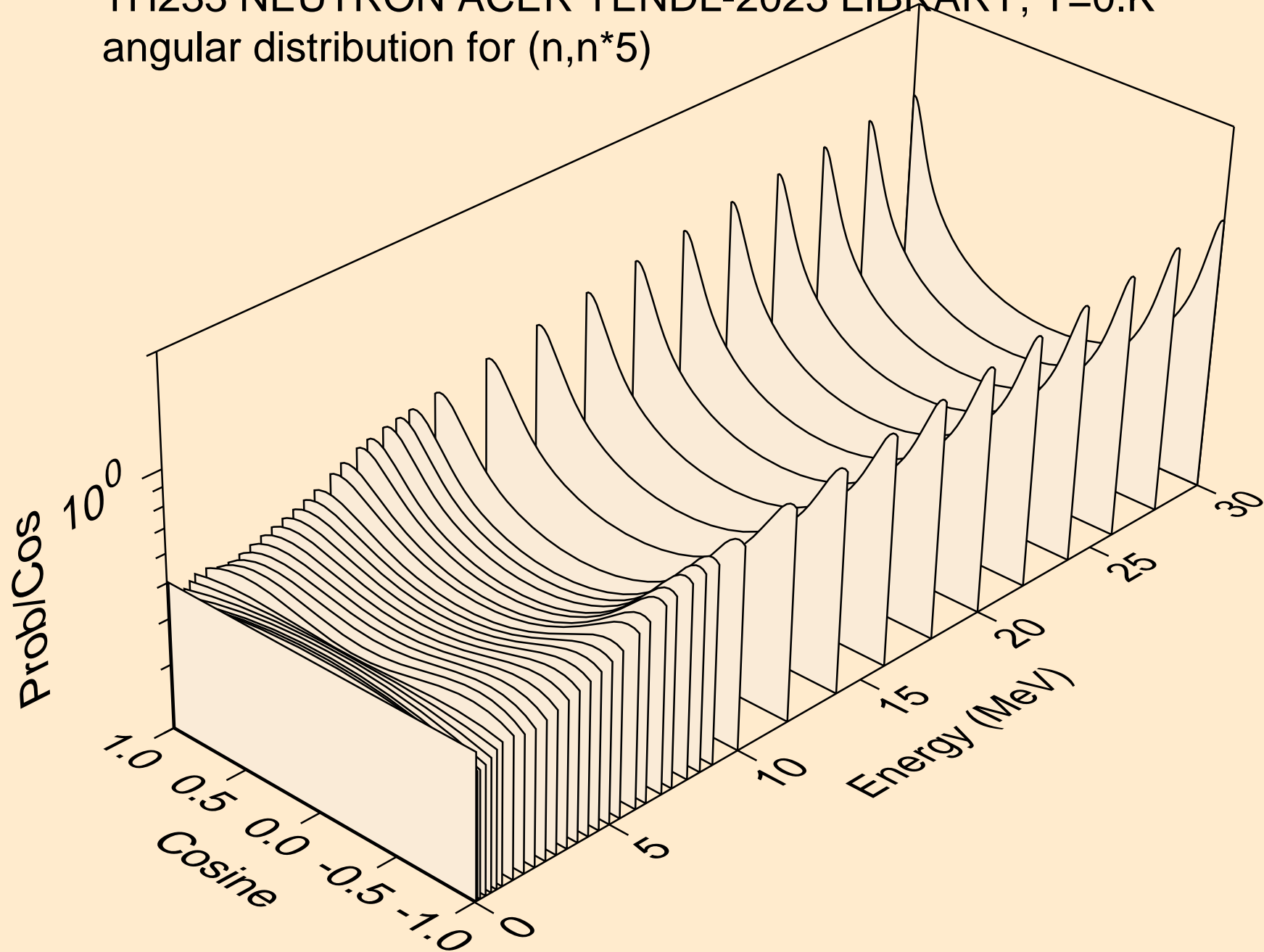
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



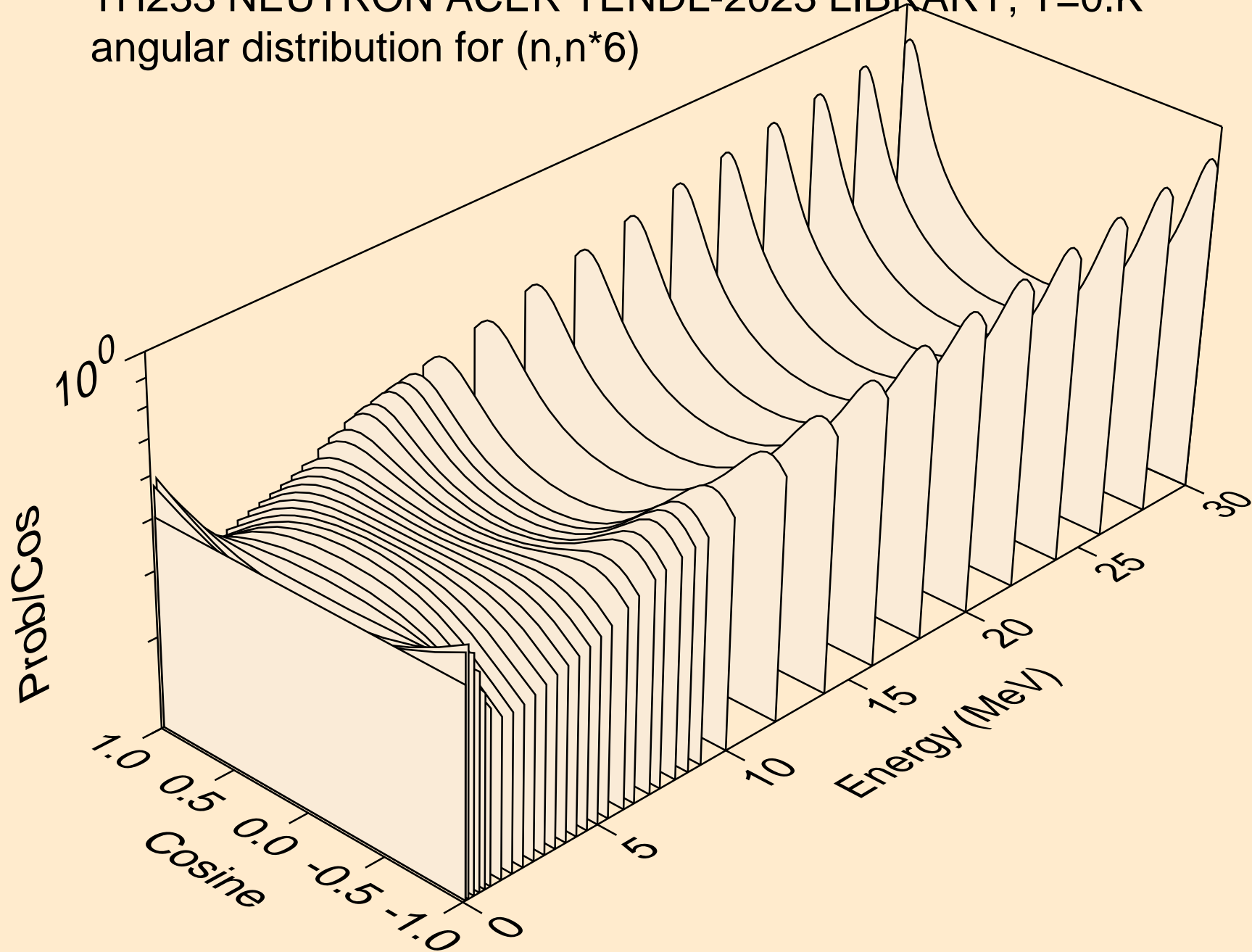
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



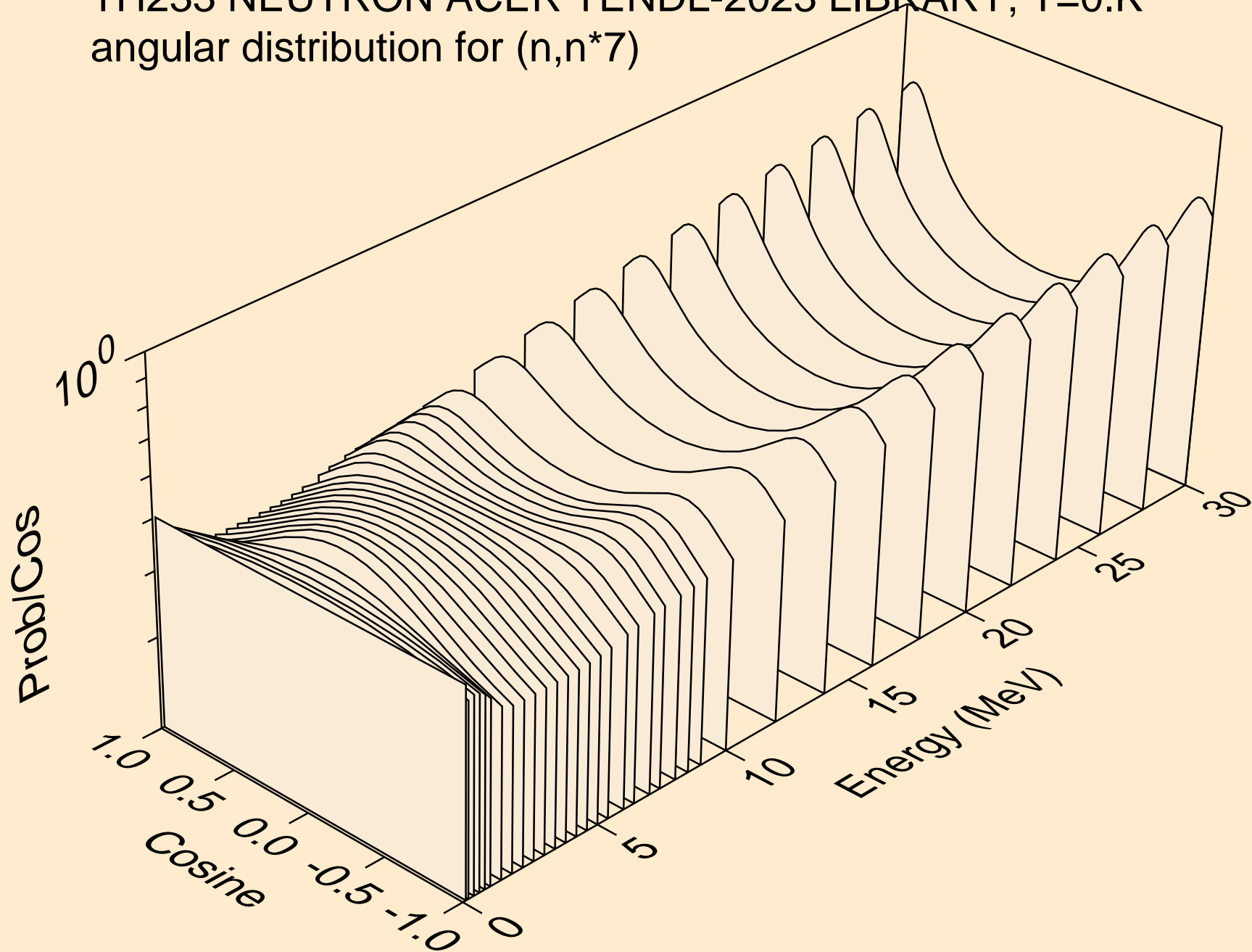
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



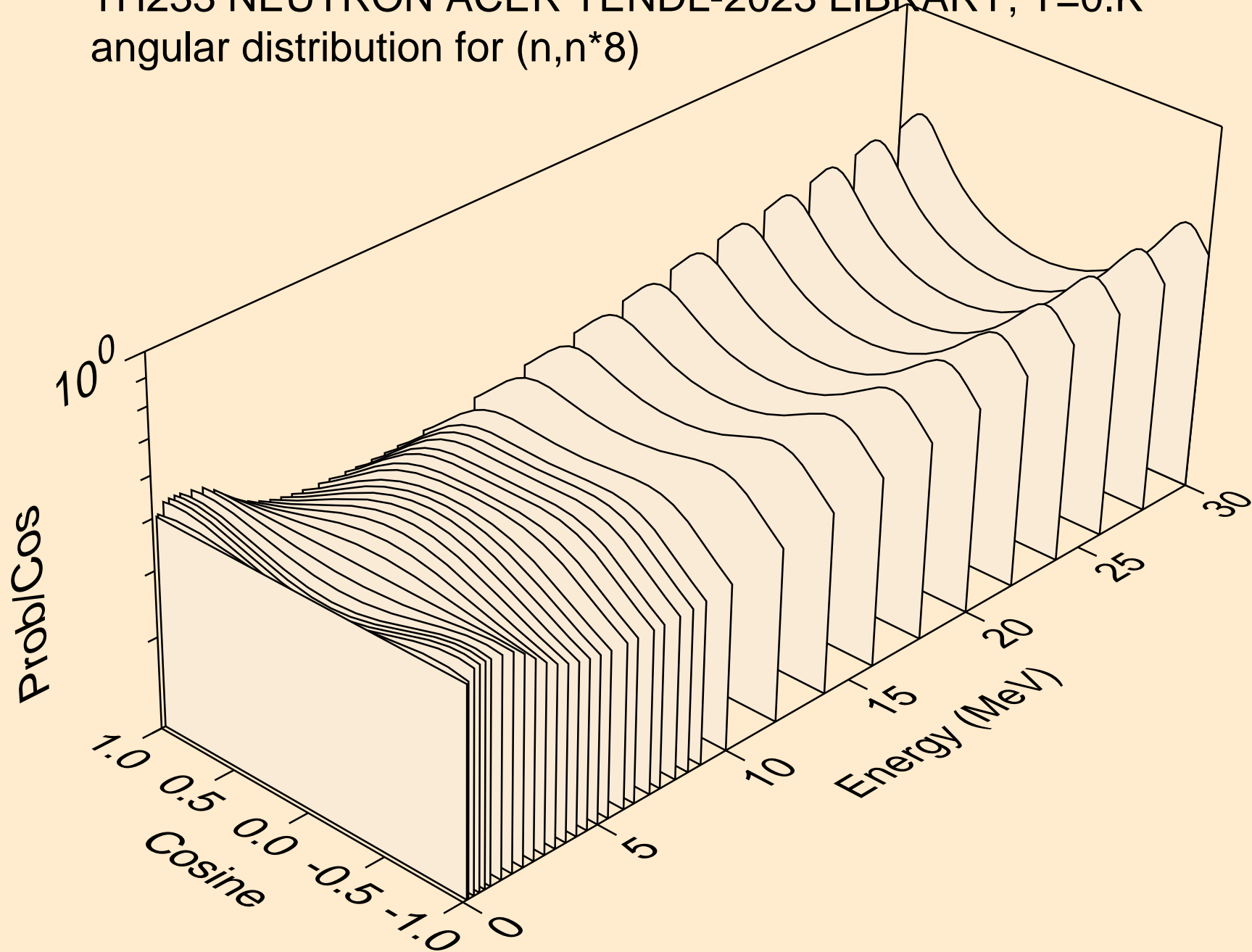
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



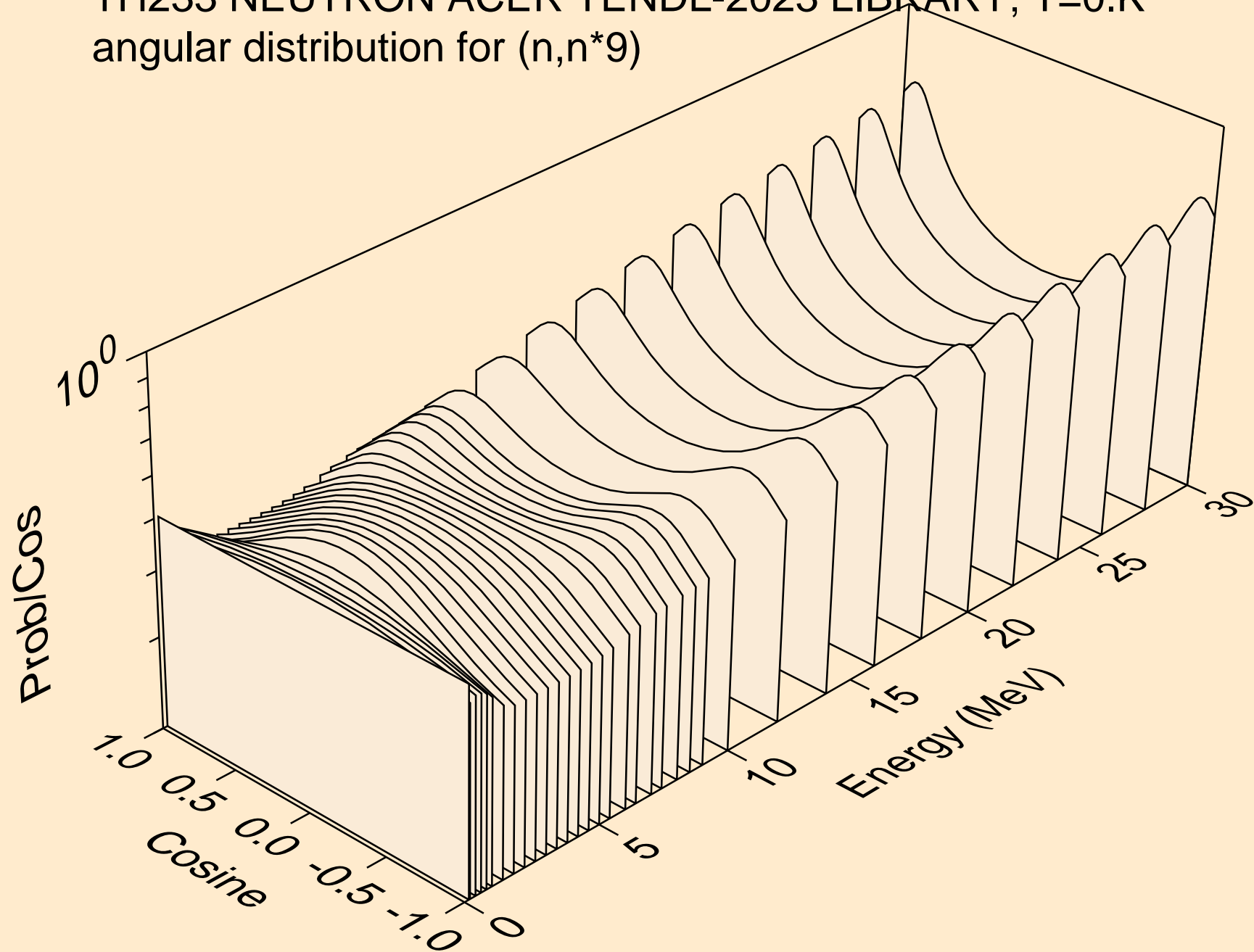
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



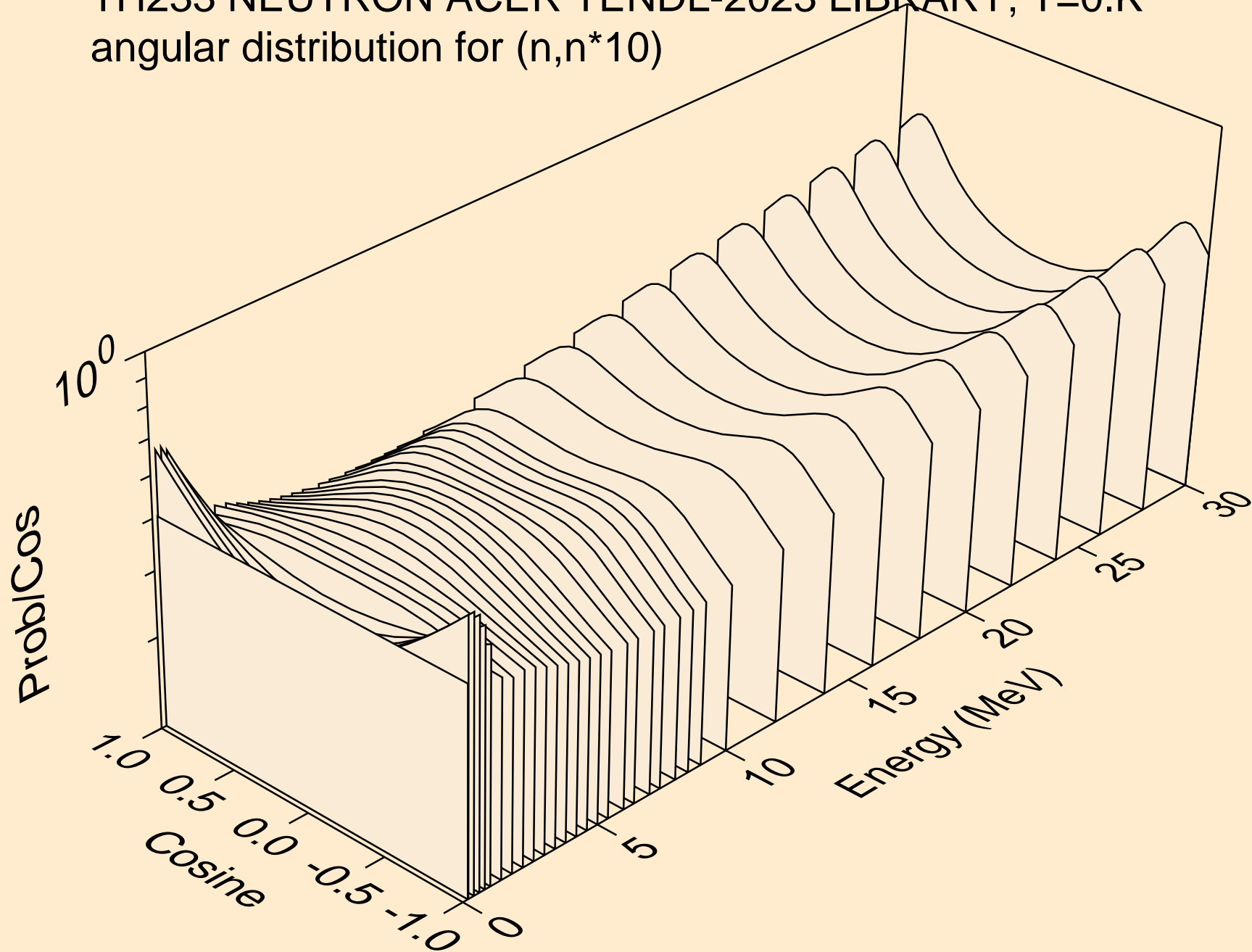
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



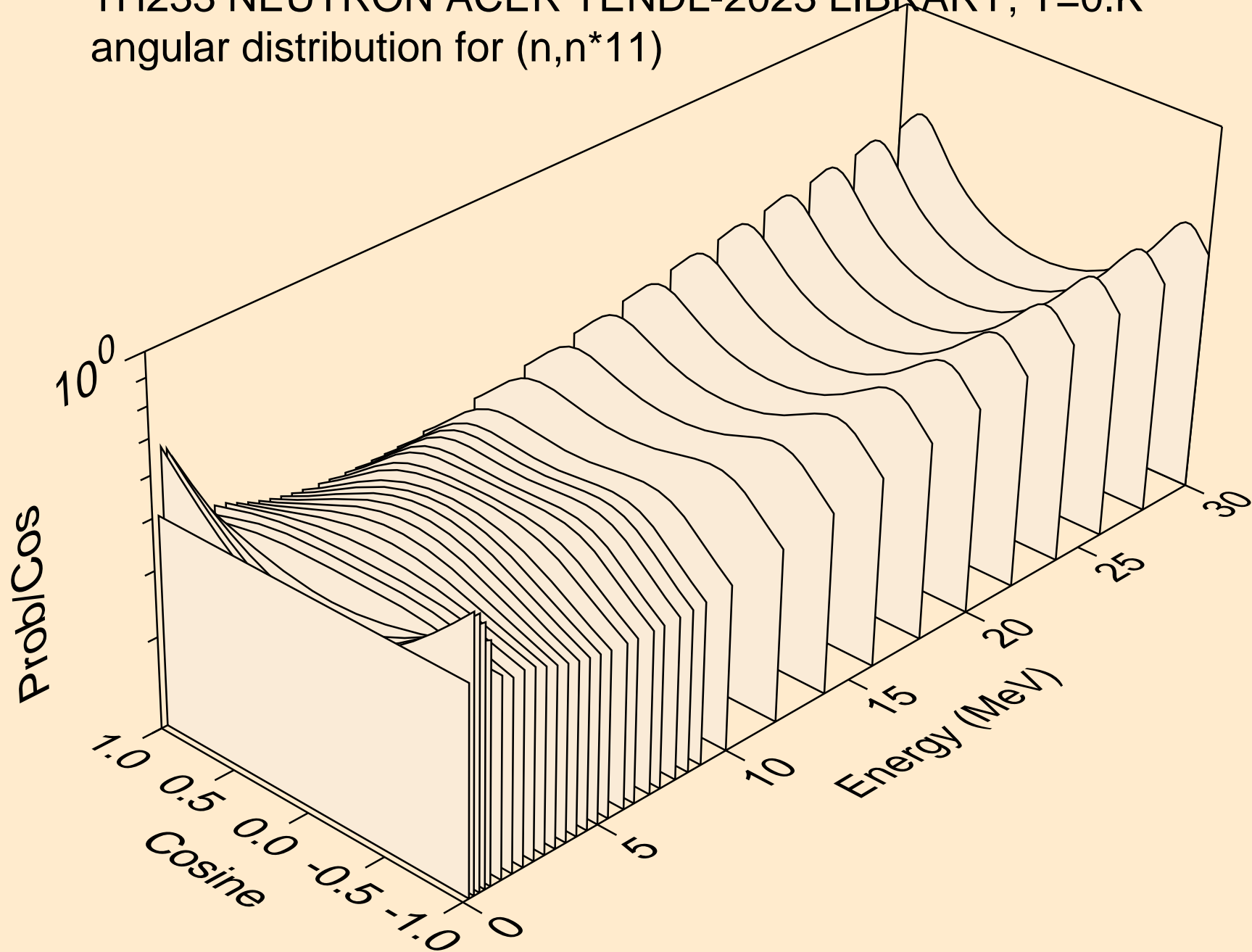
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



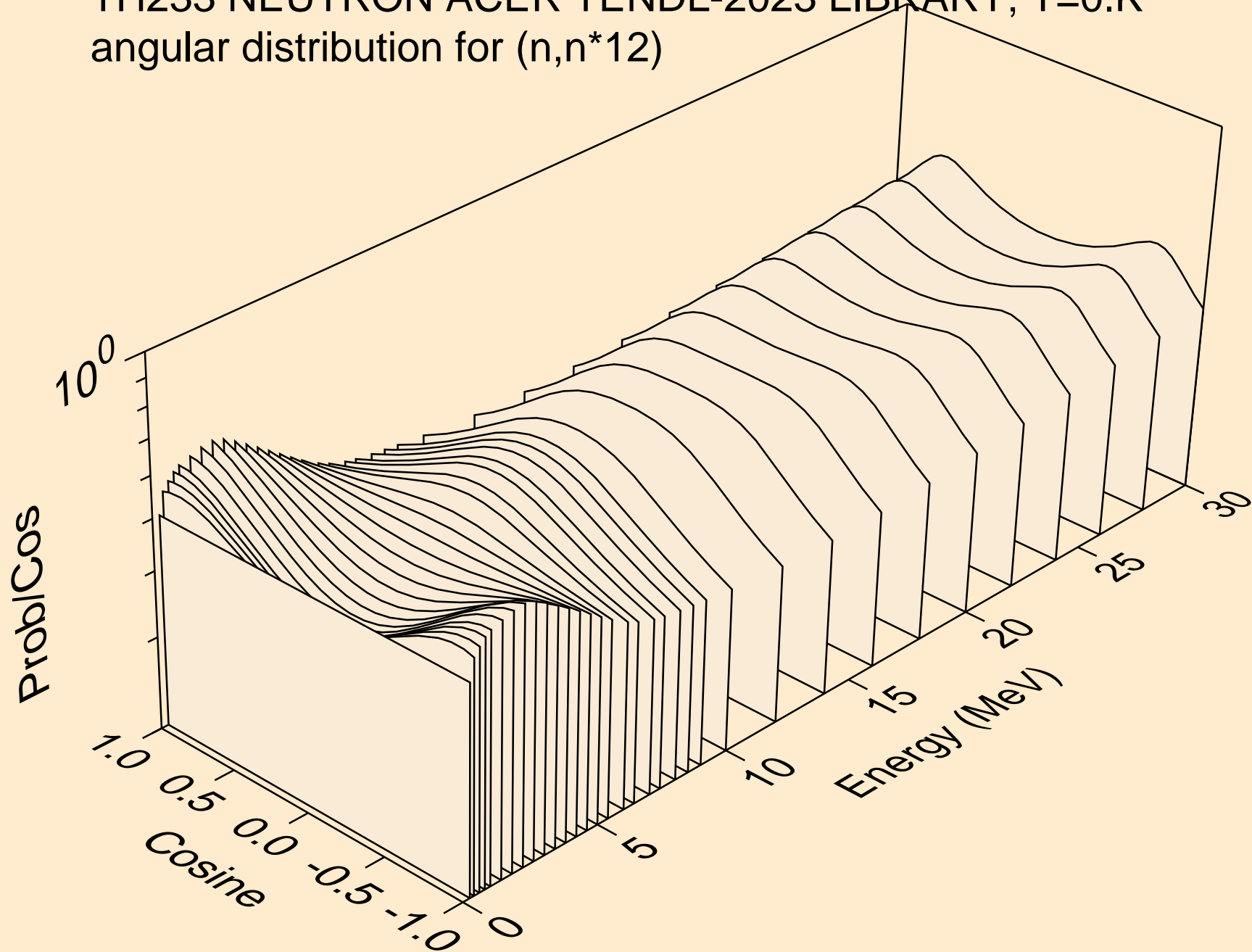
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



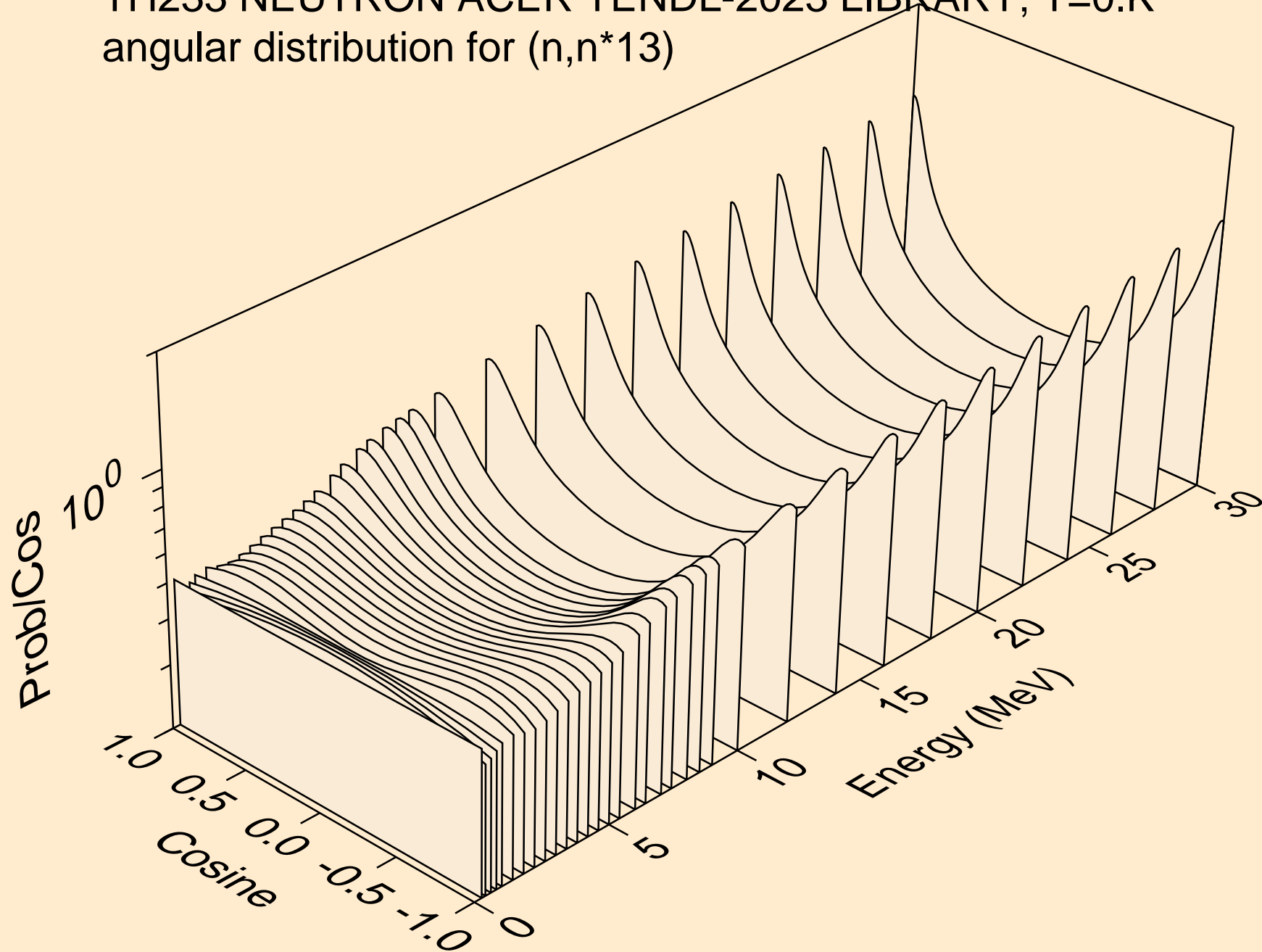
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



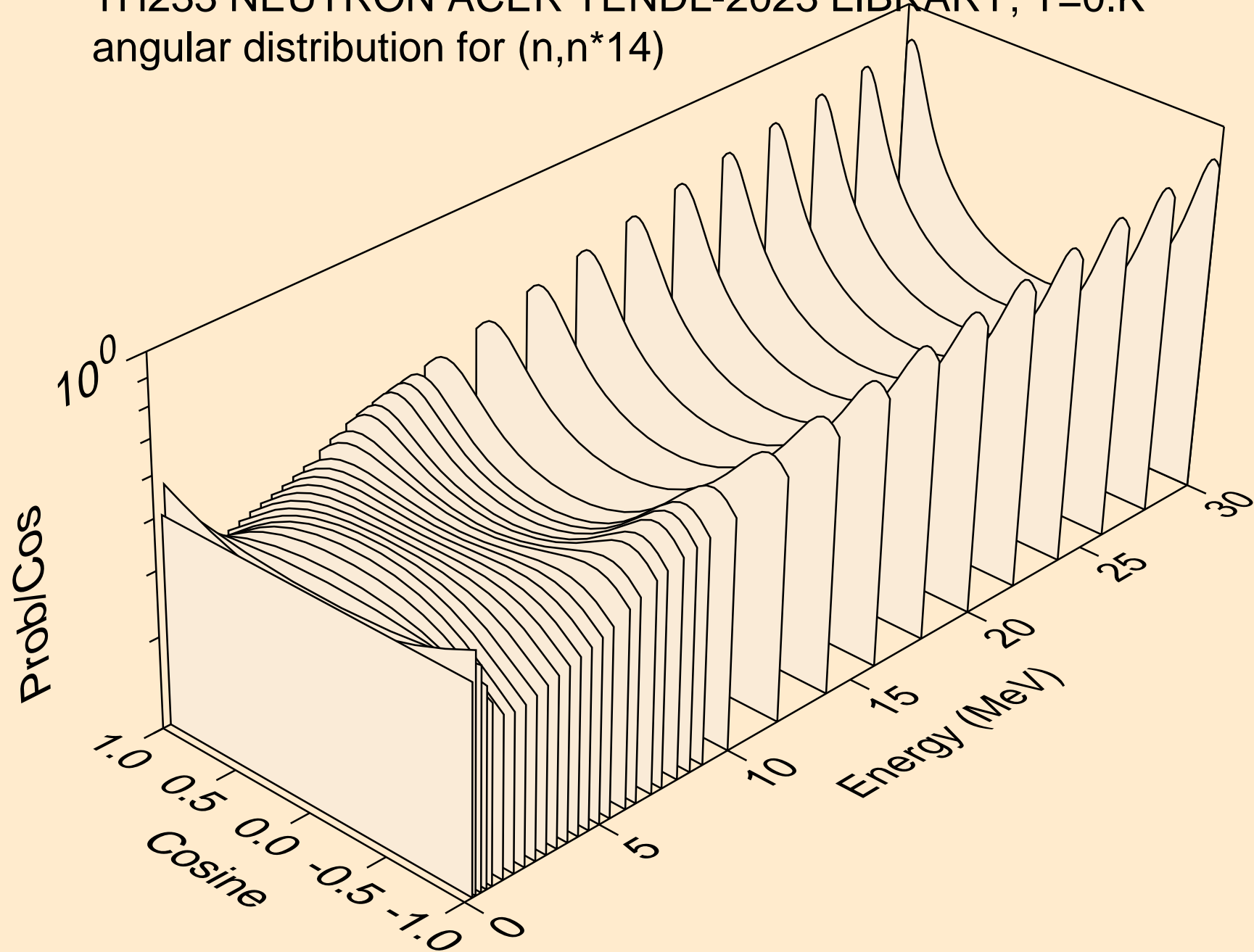
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



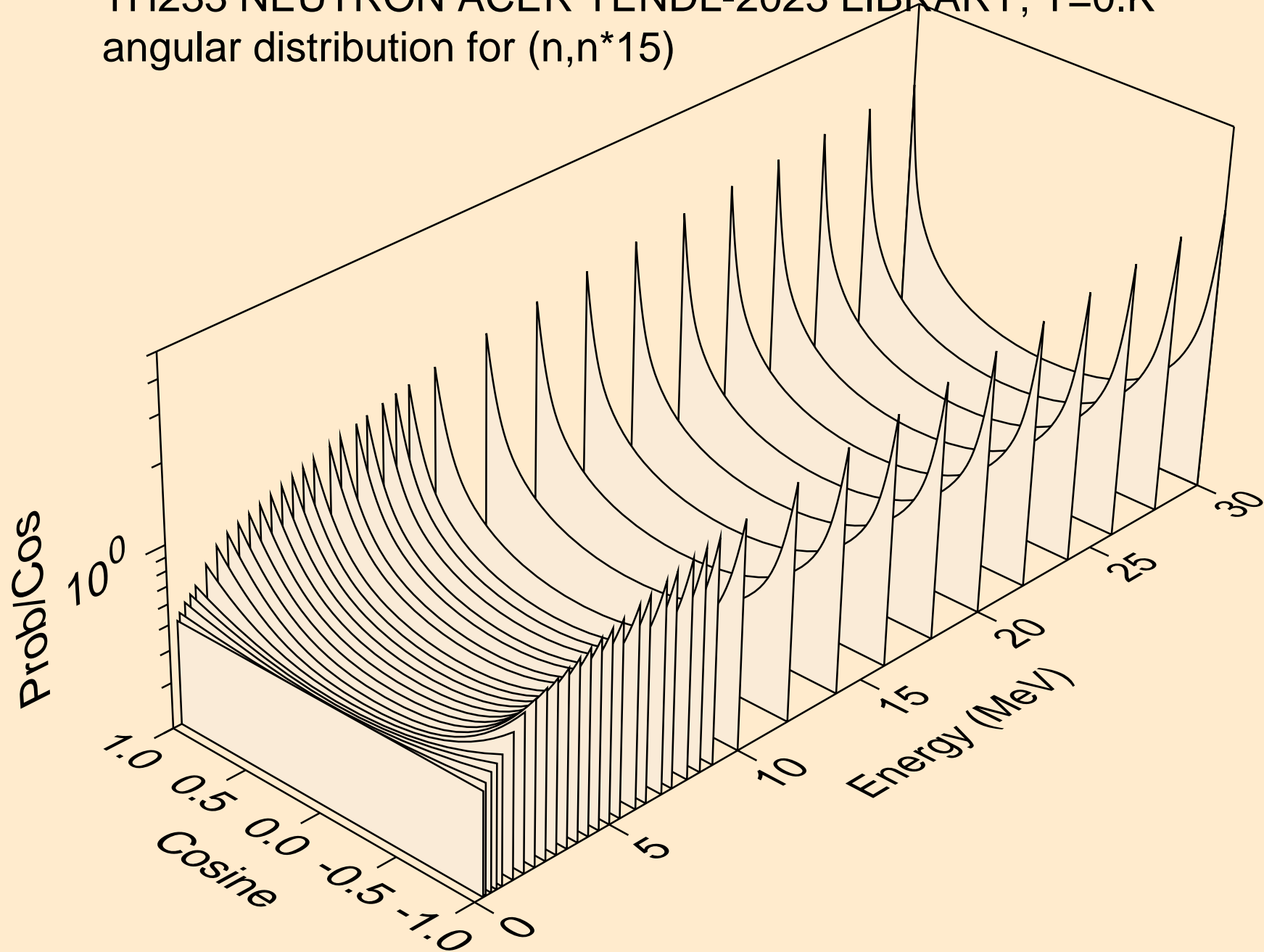
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



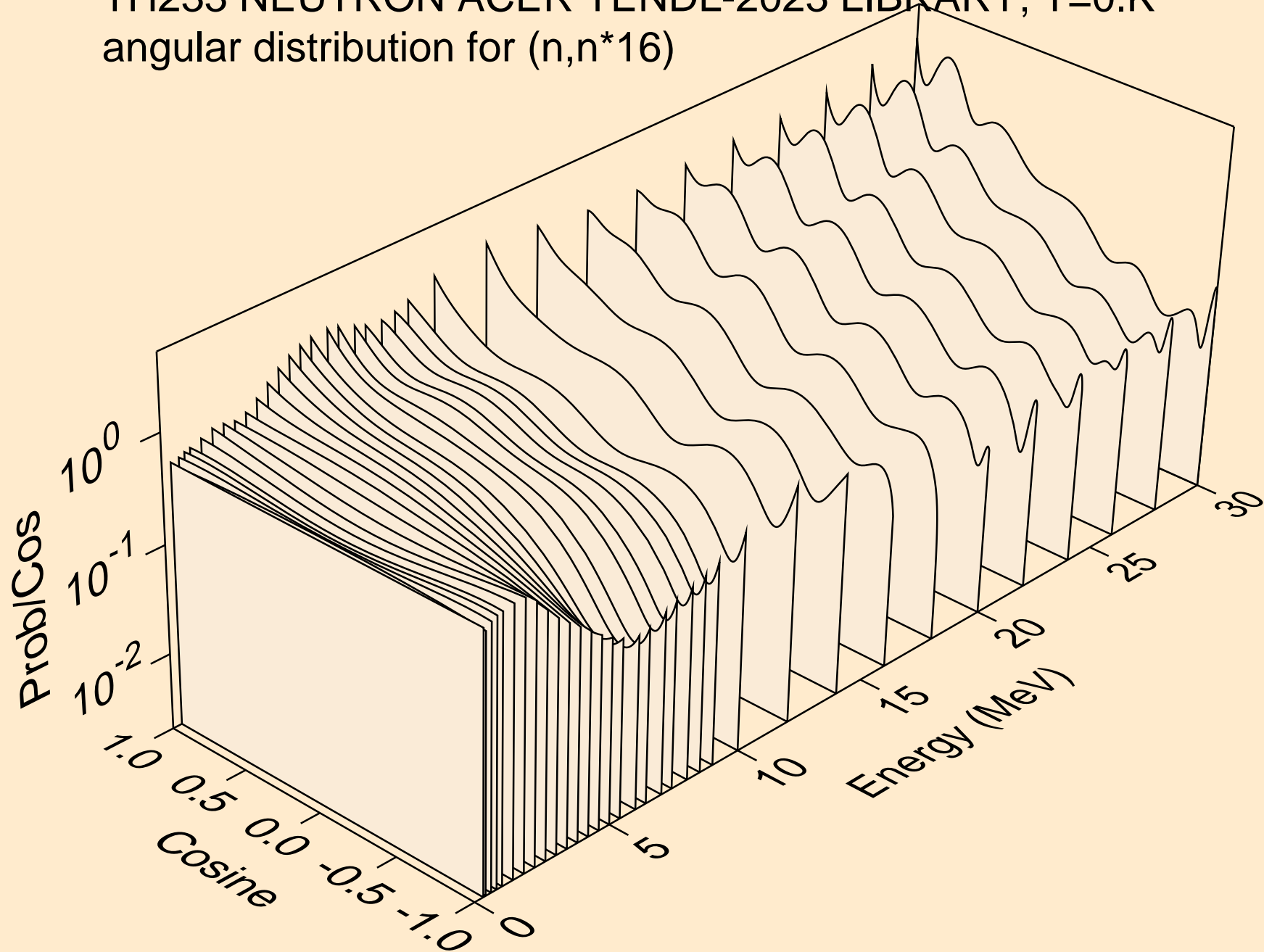
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



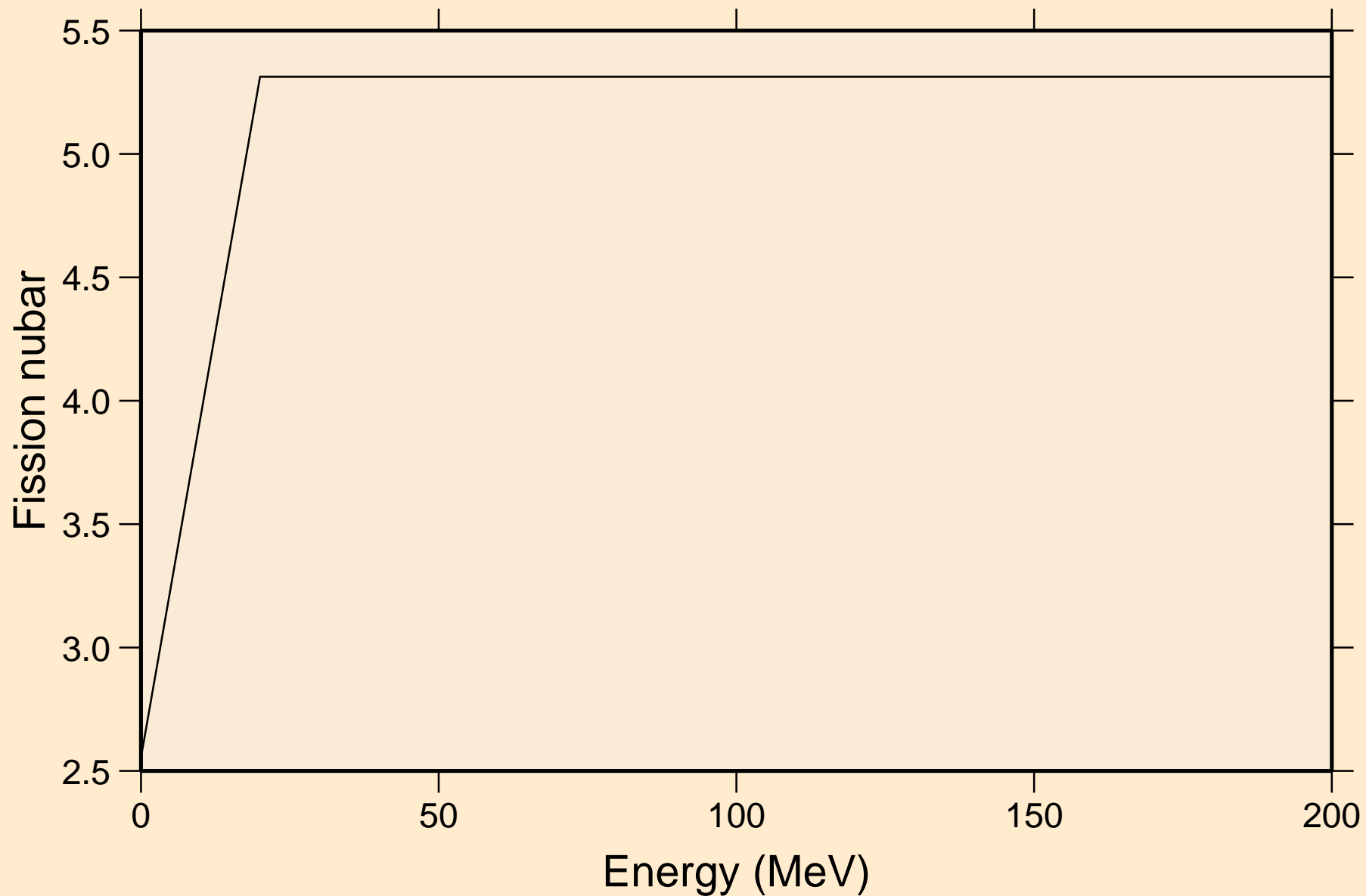
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



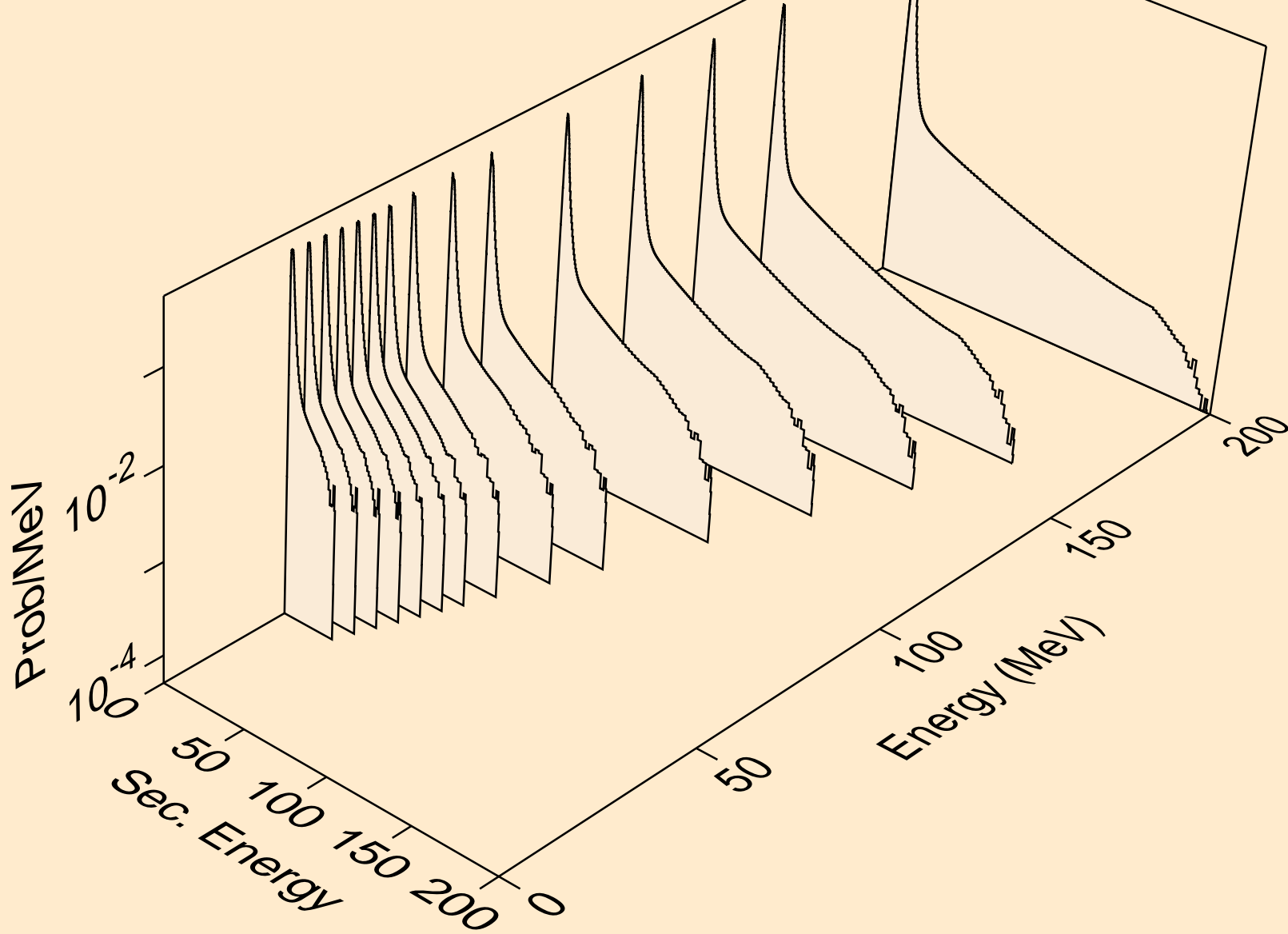
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



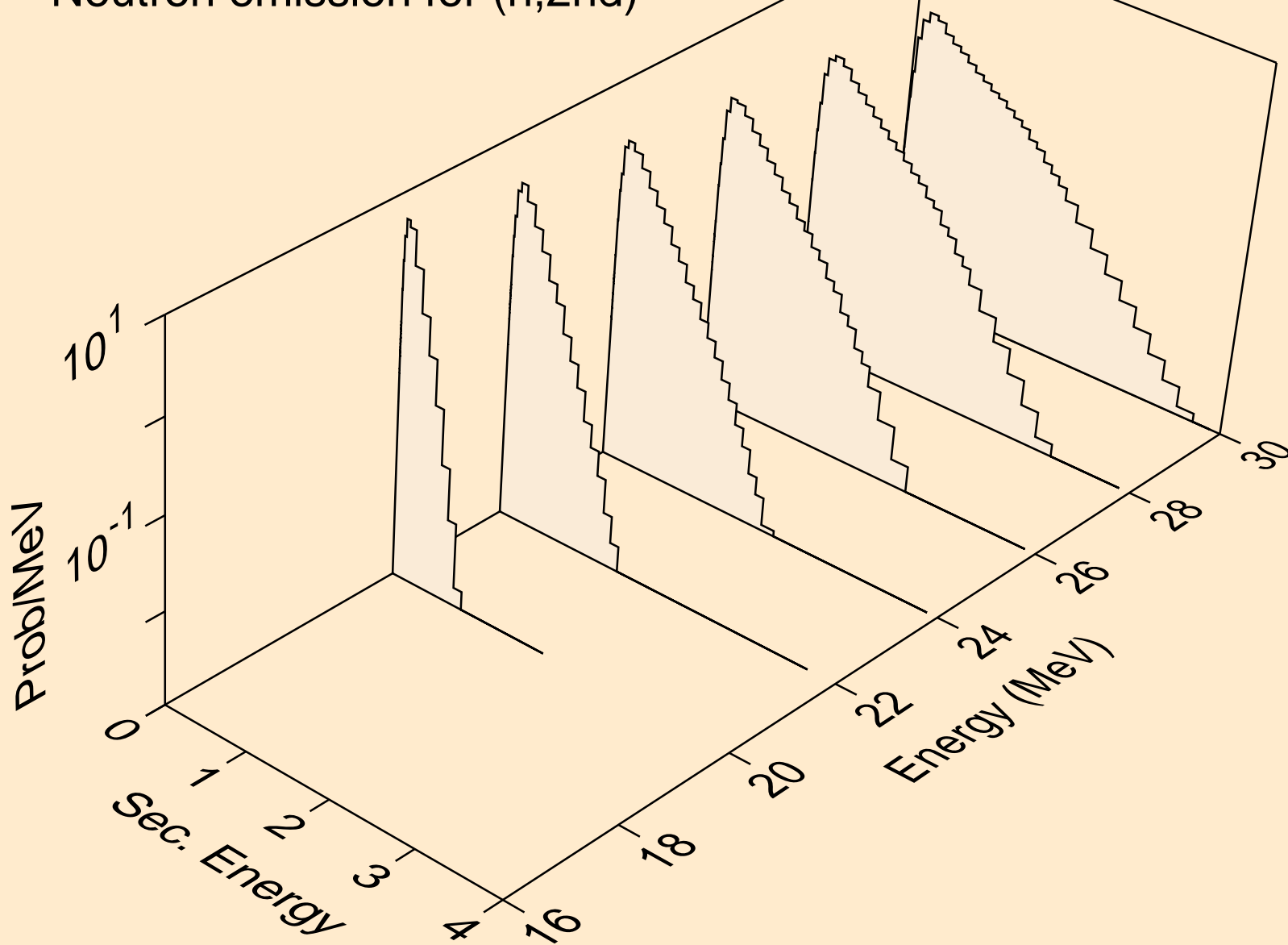
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Total fission nubar



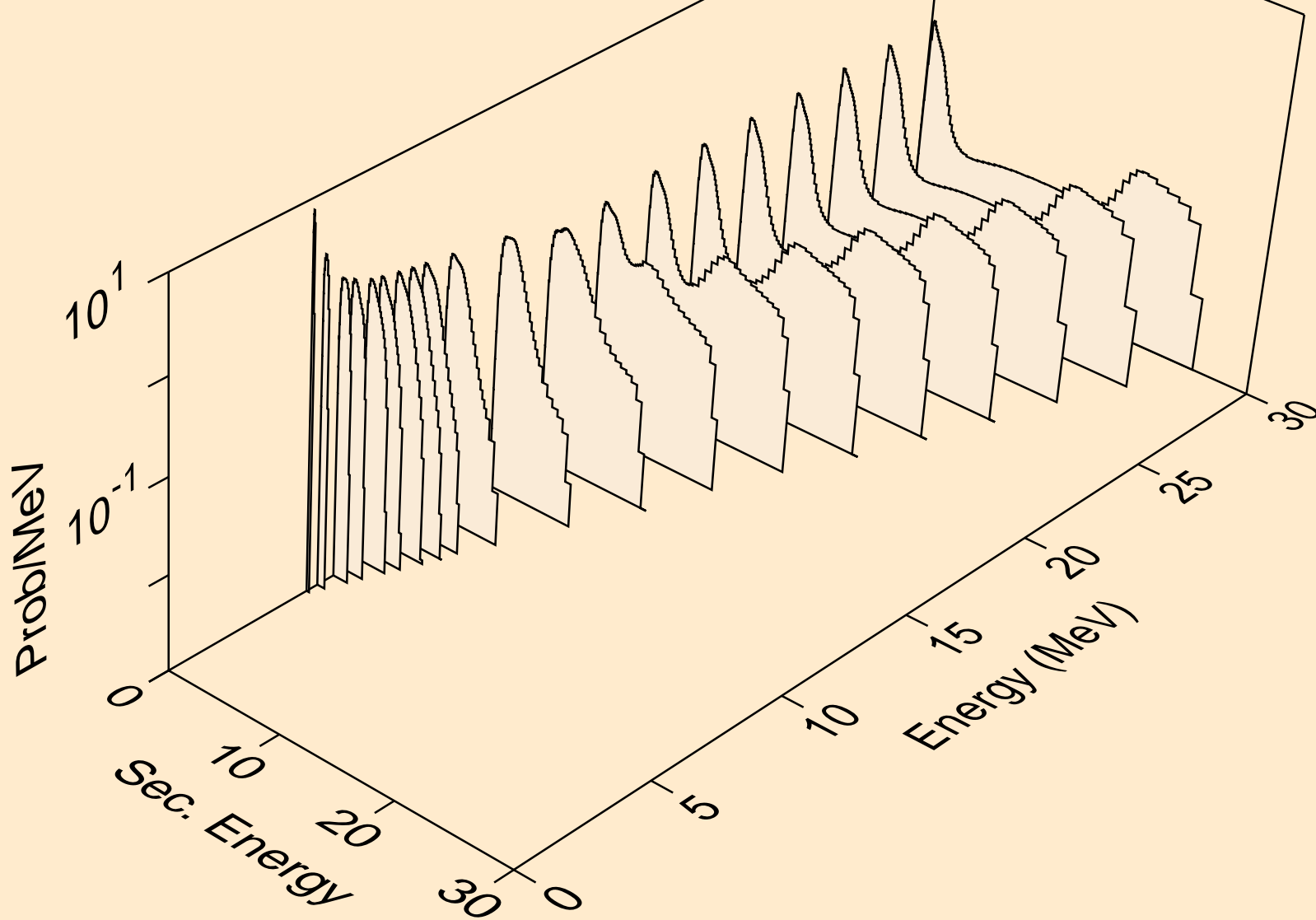
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



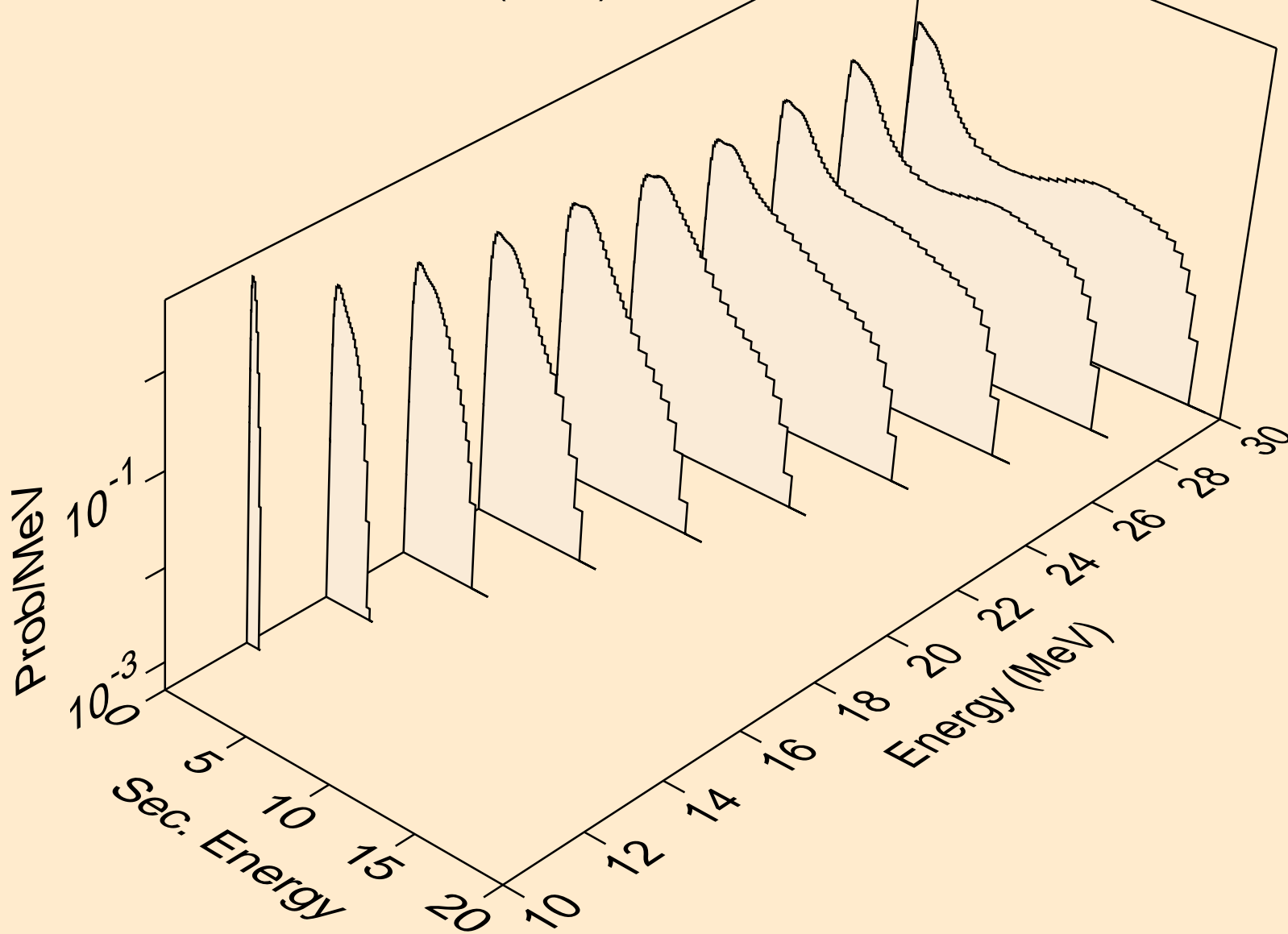
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



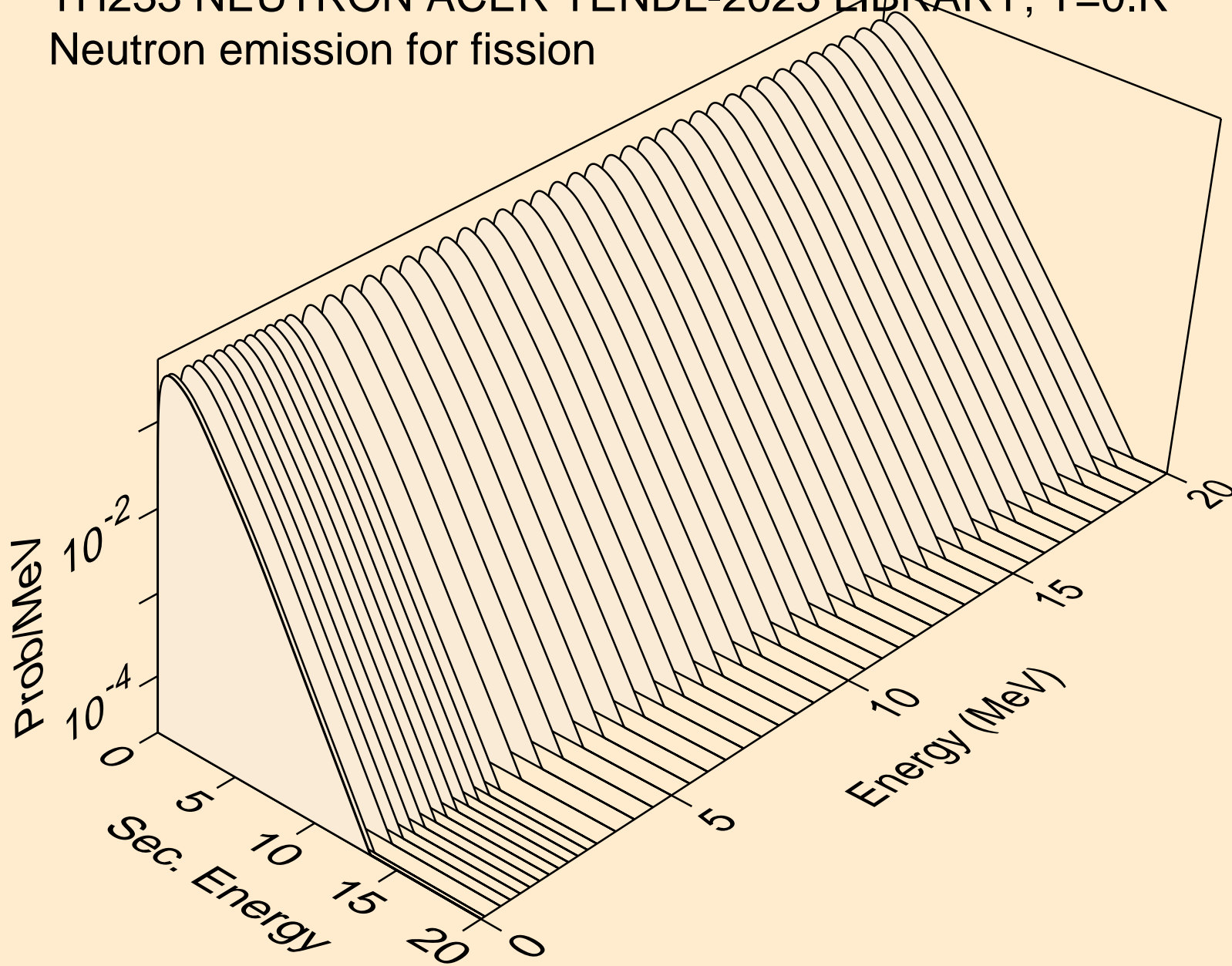
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



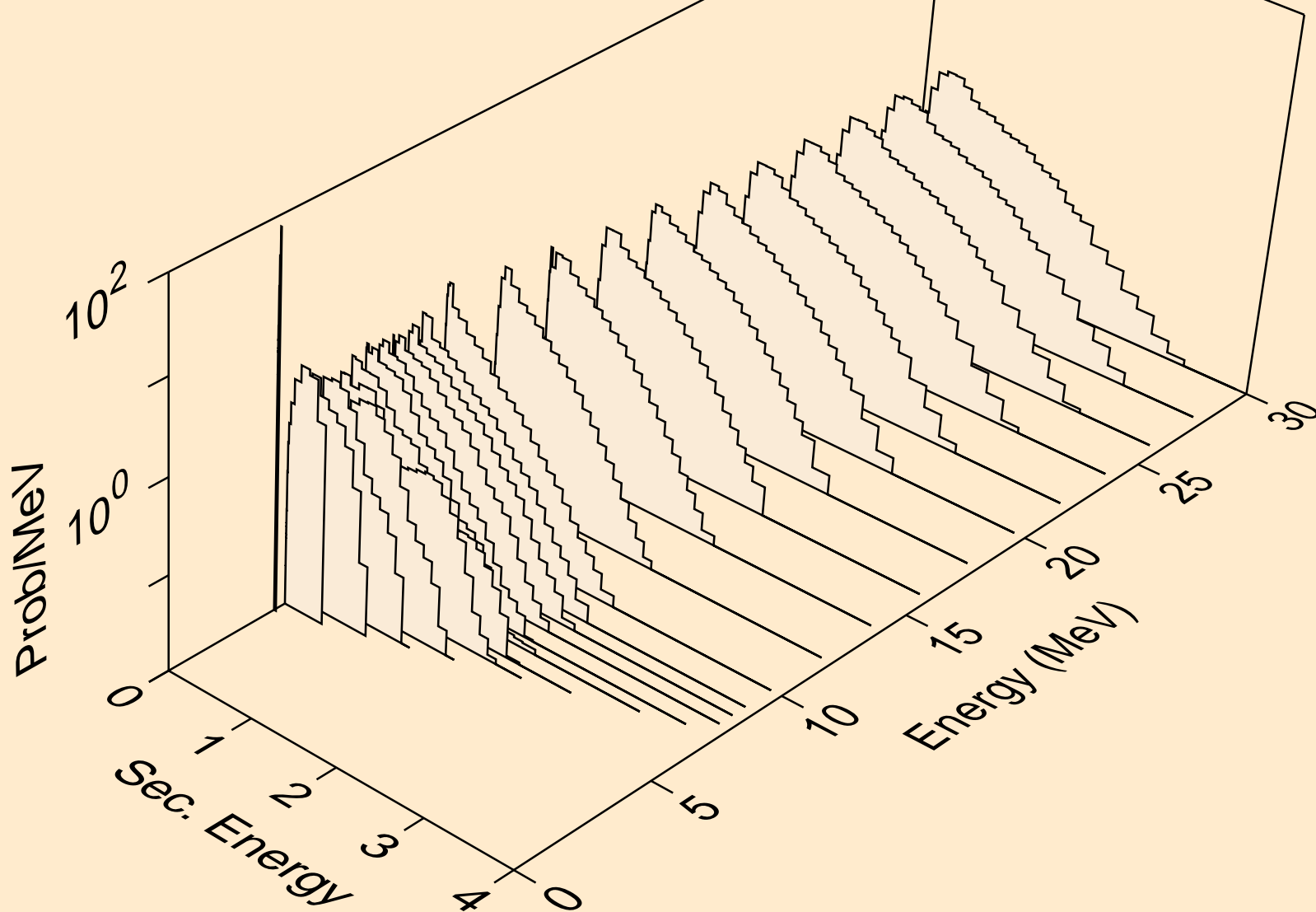
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



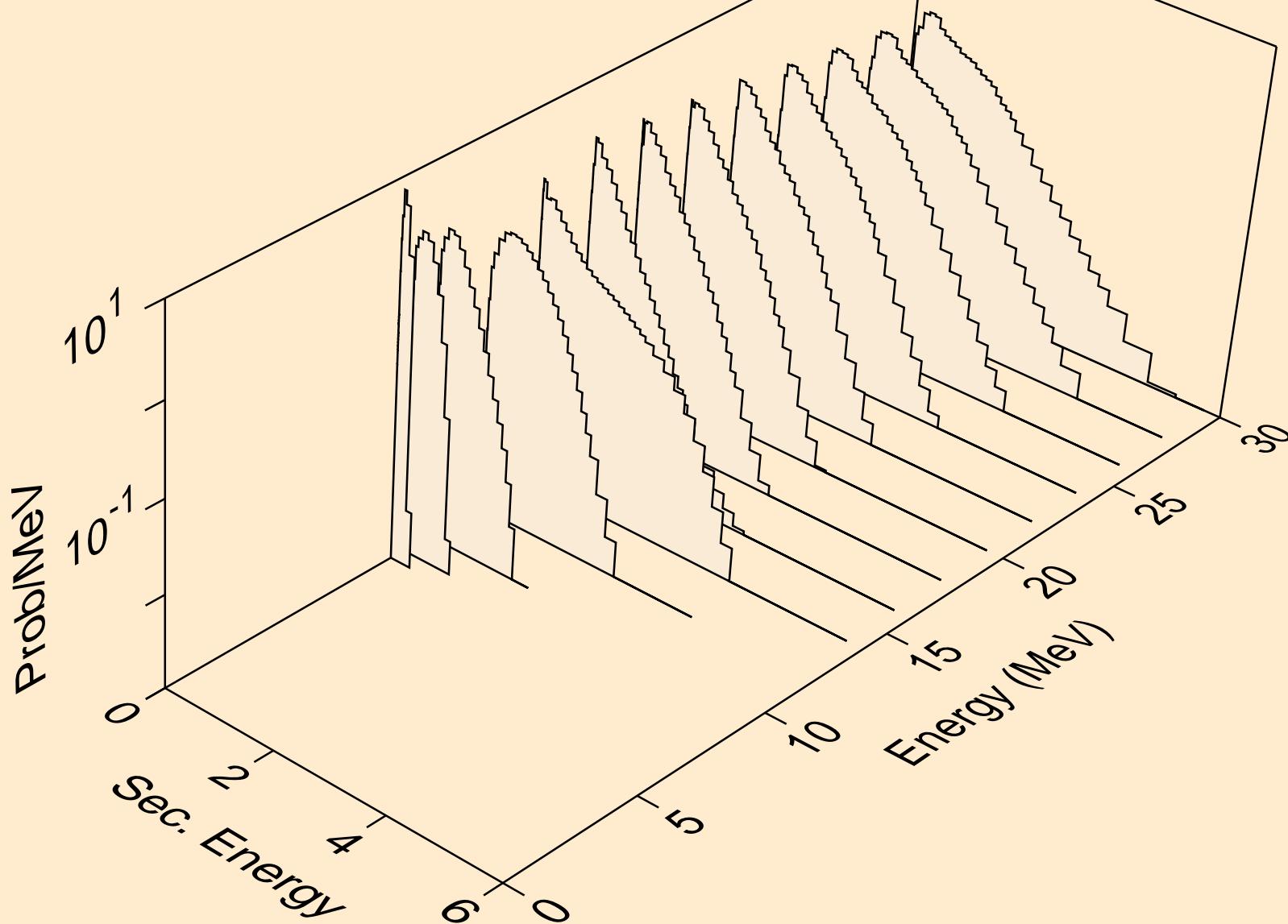
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



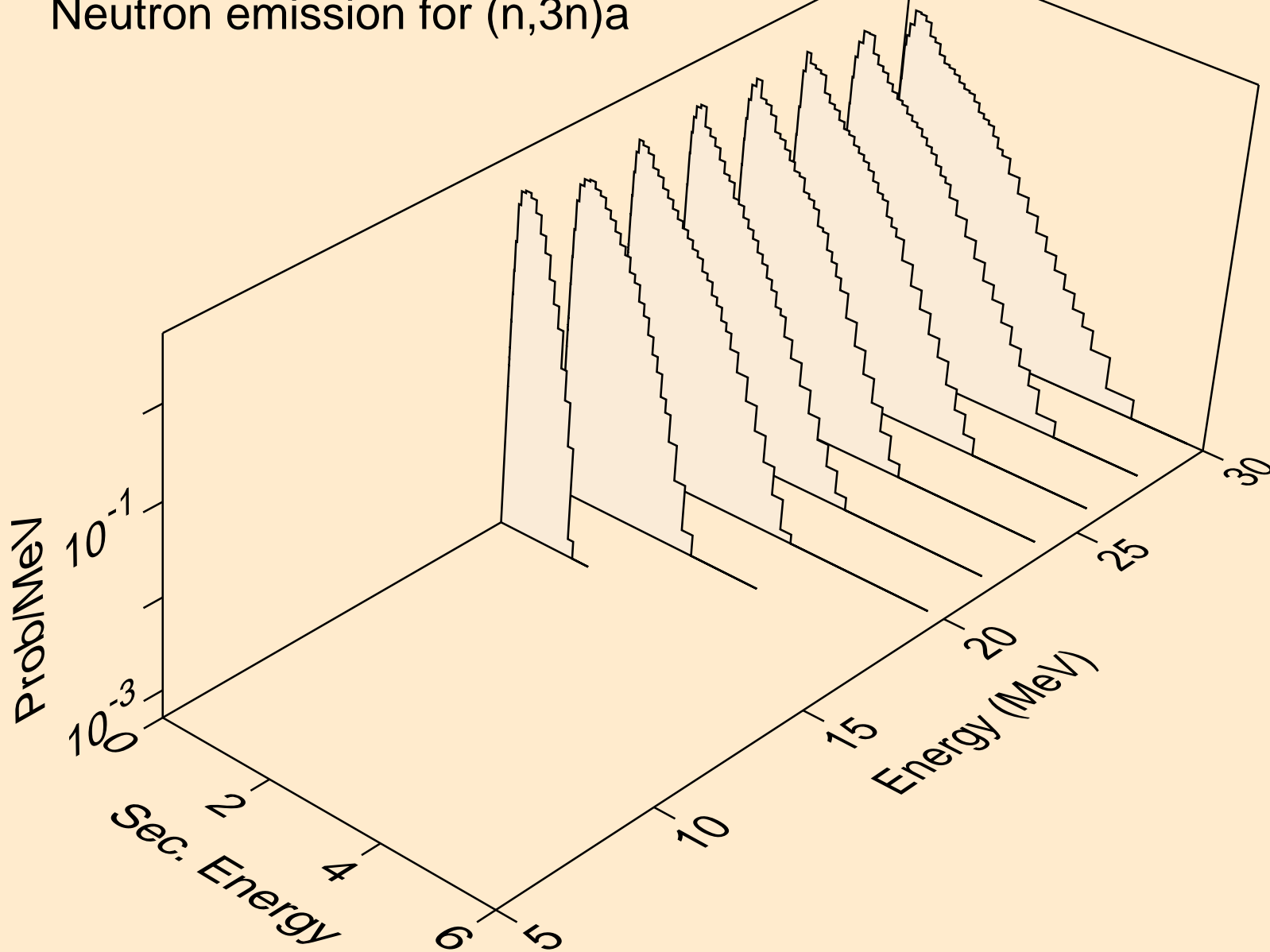
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



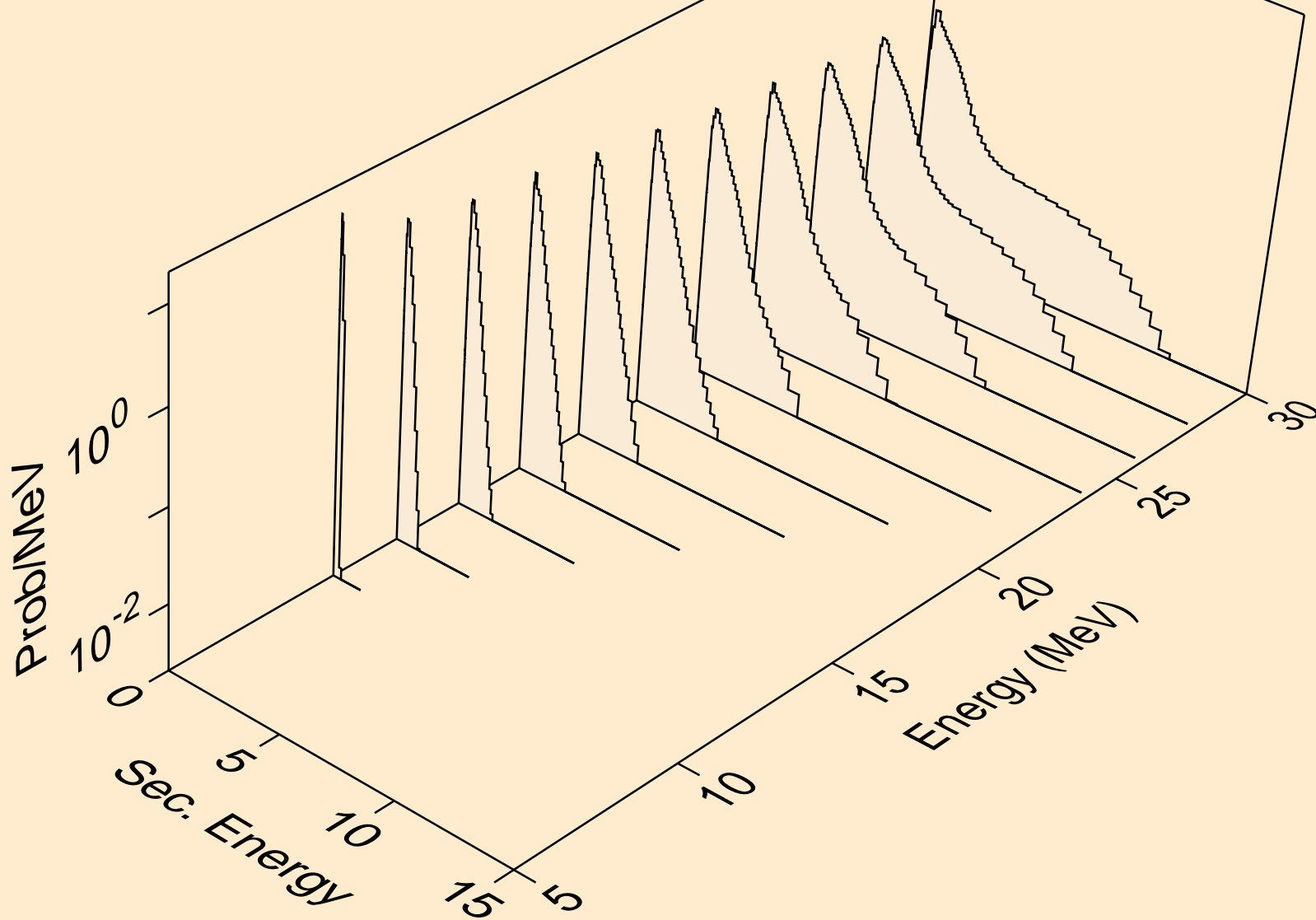
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



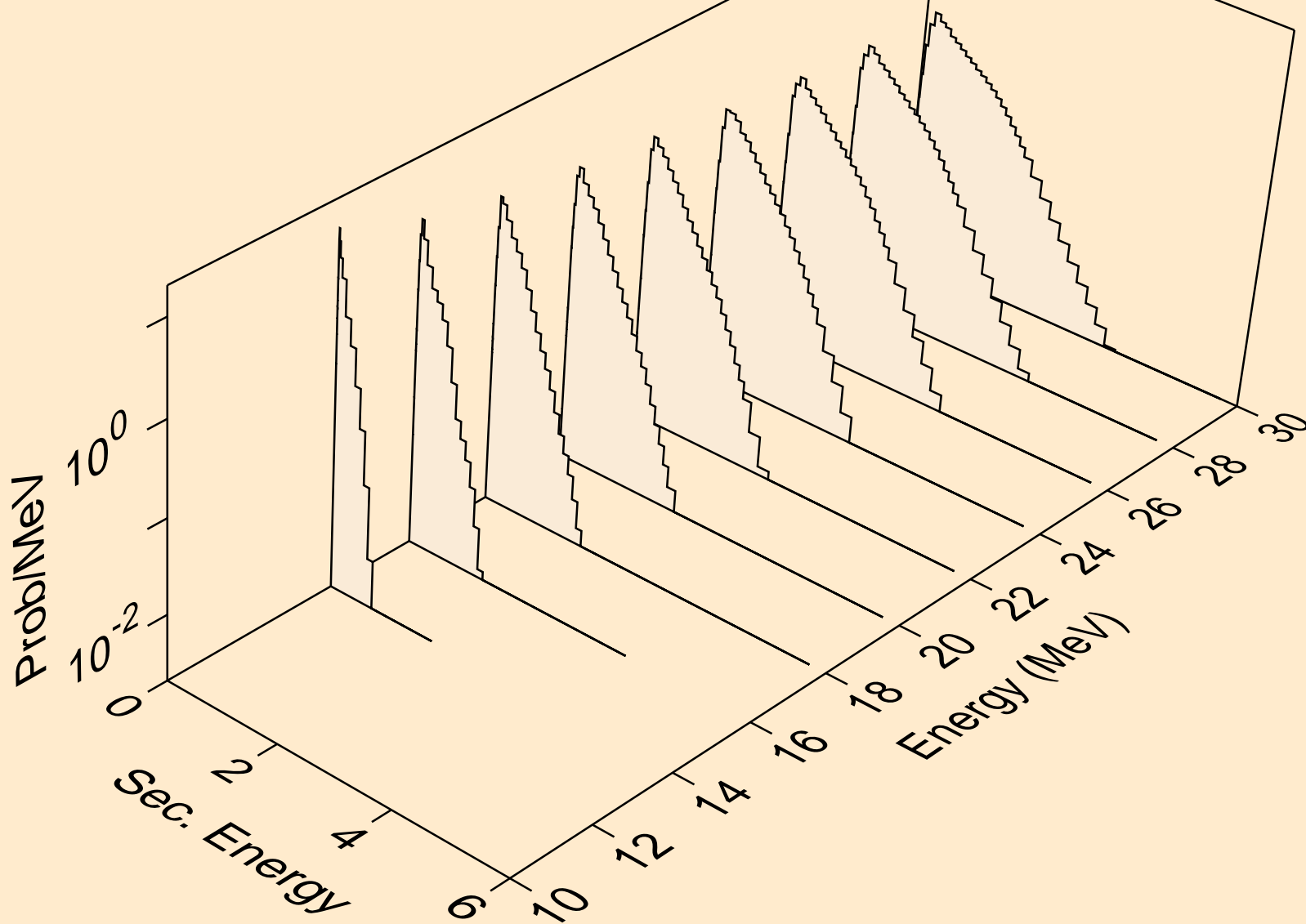
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



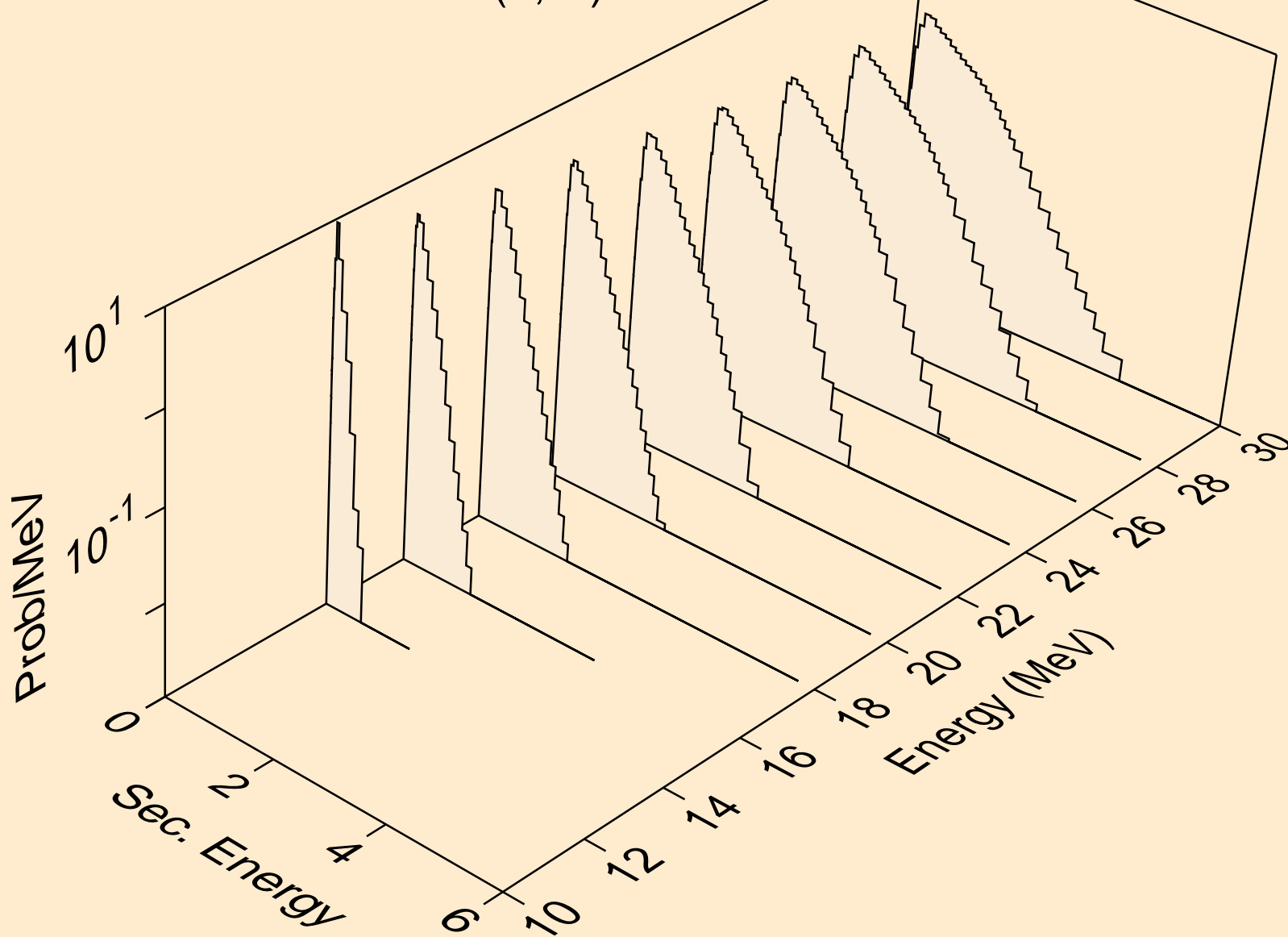
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



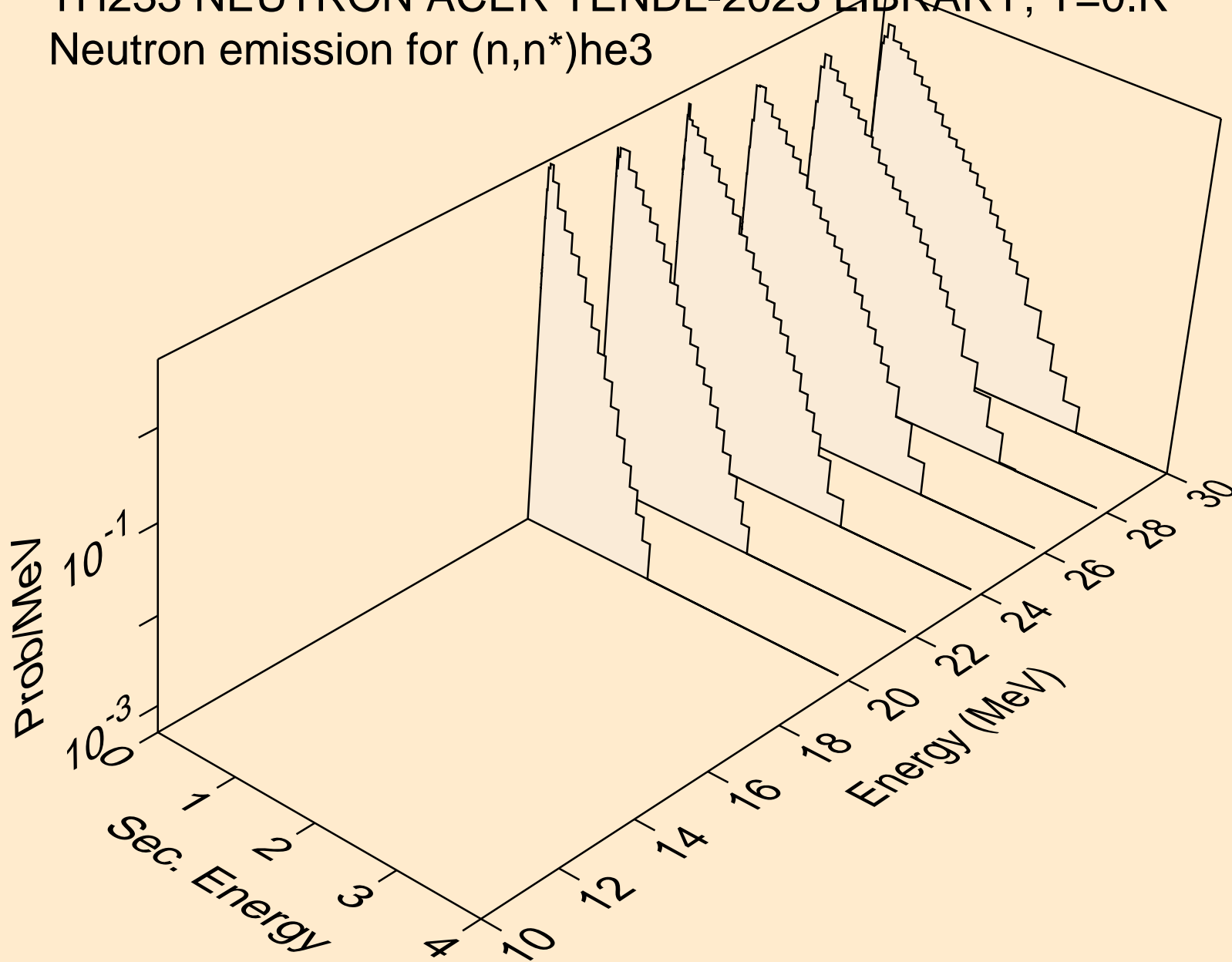
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



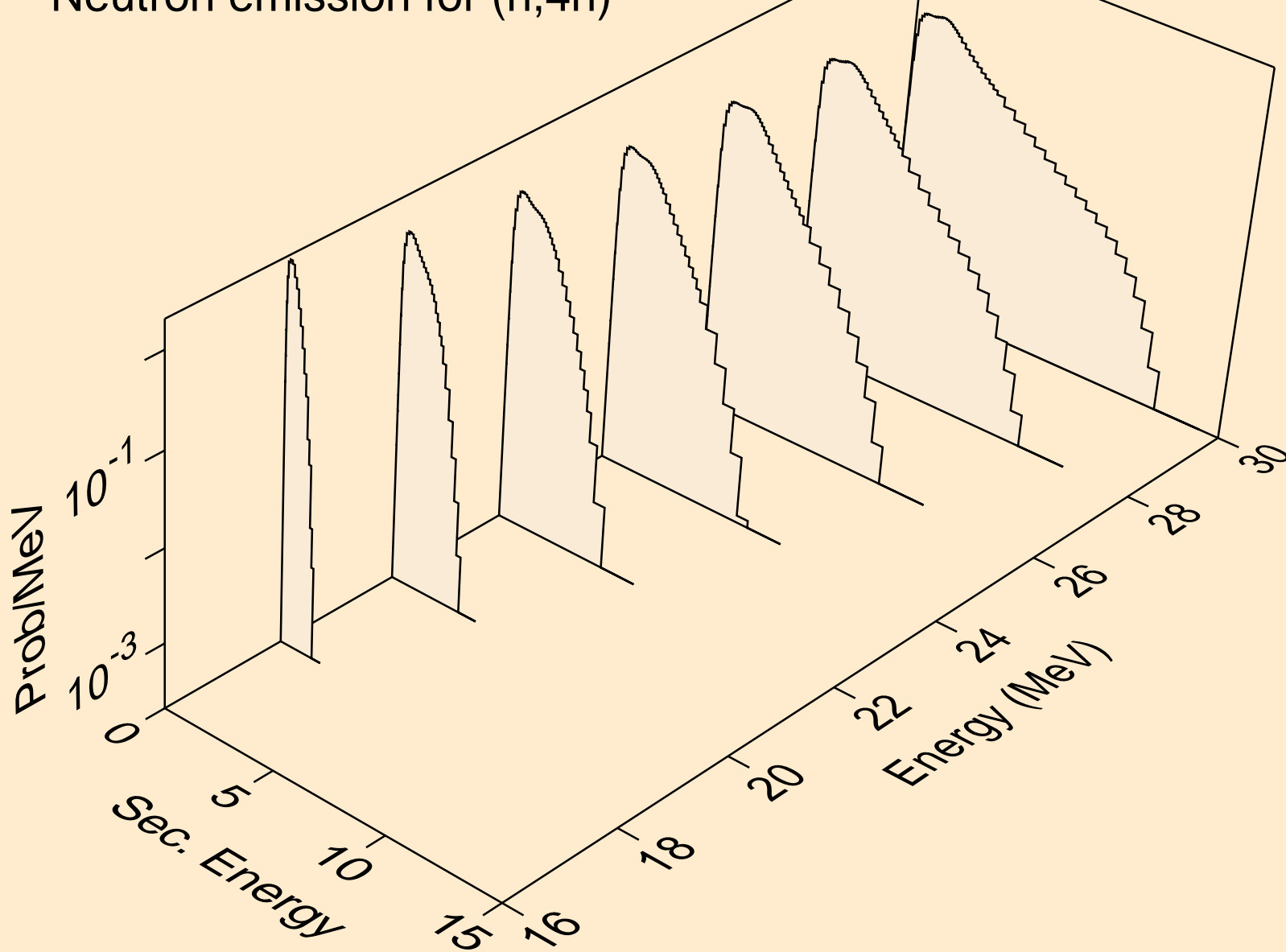
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



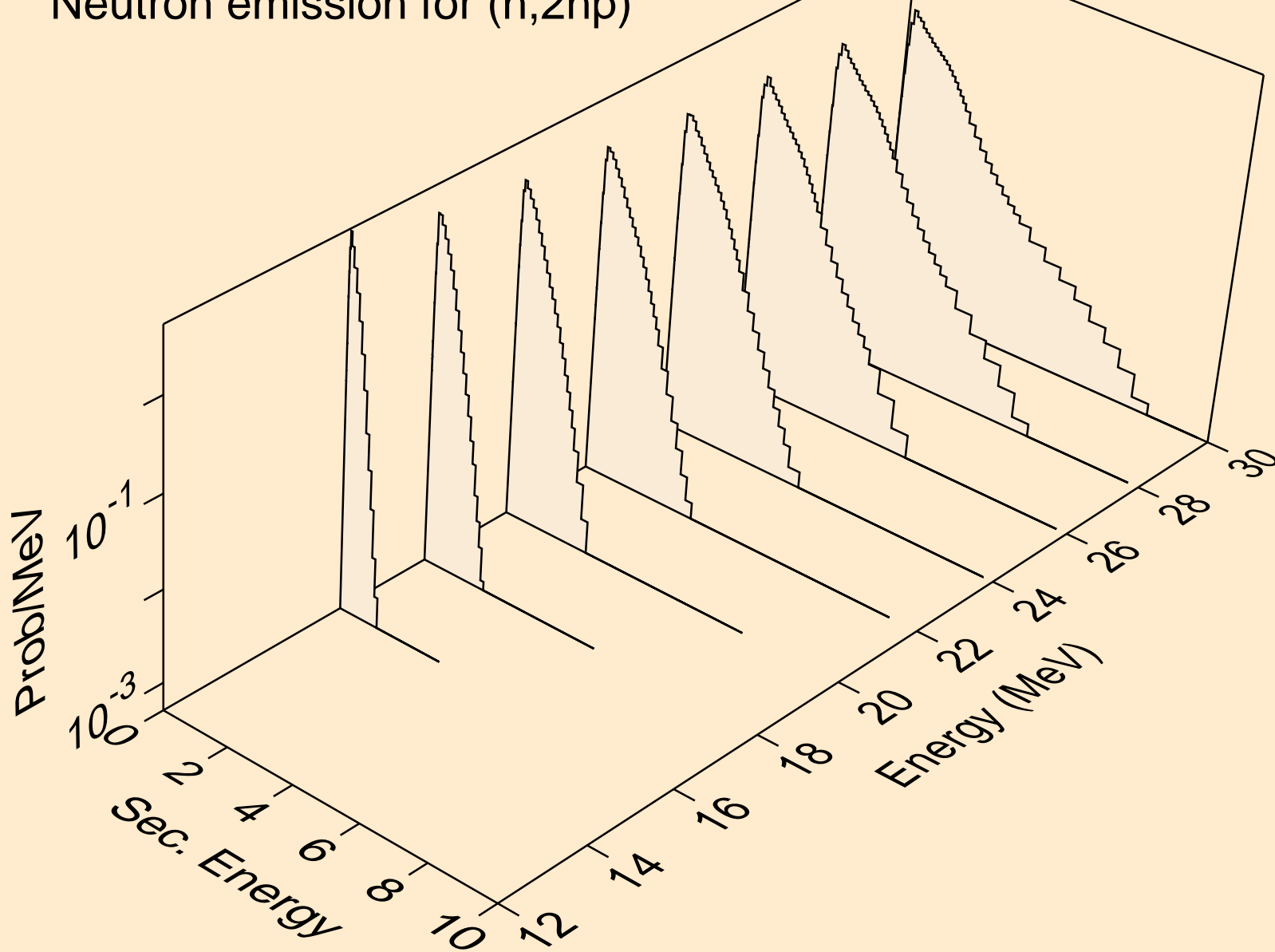
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



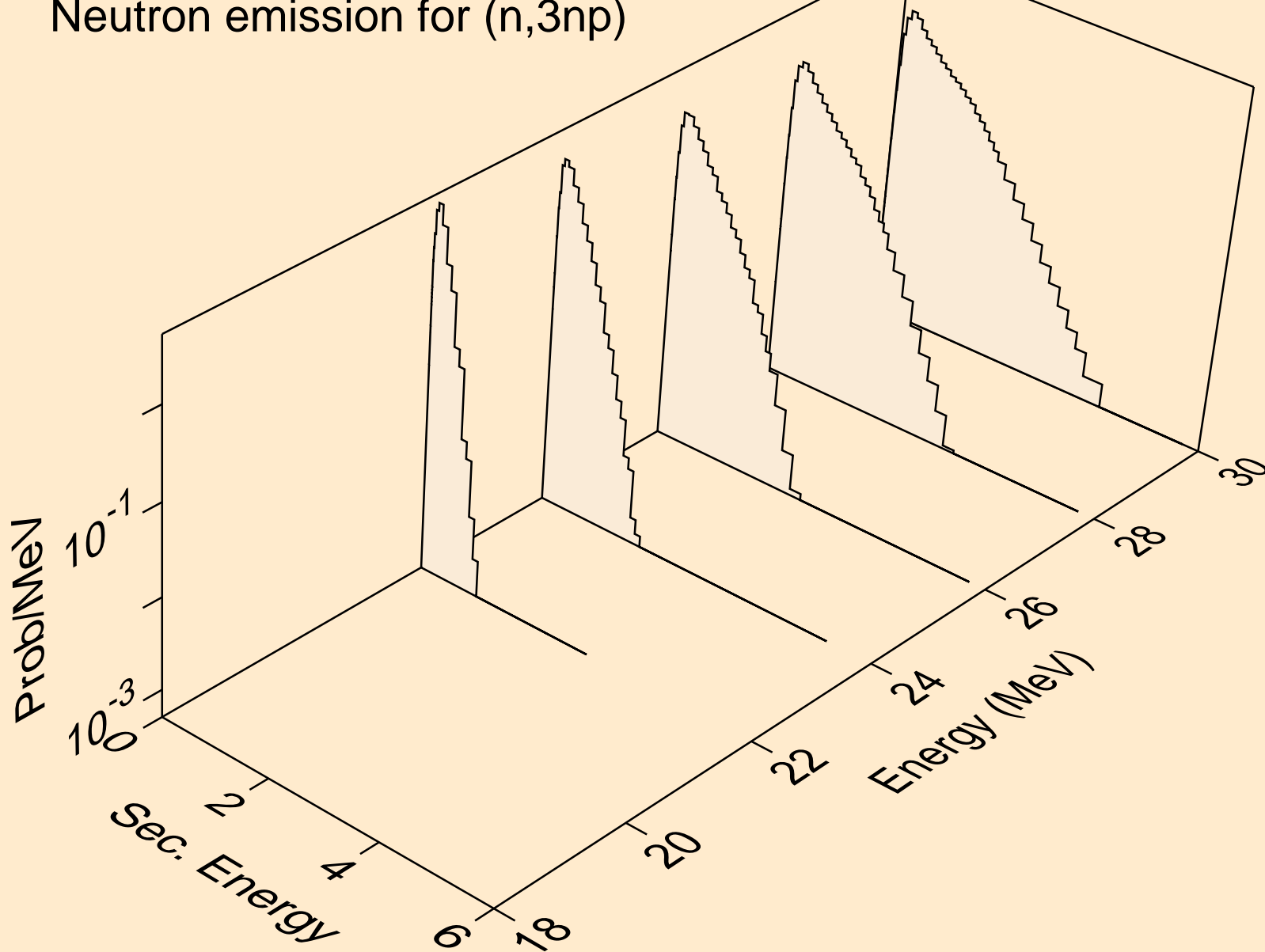
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



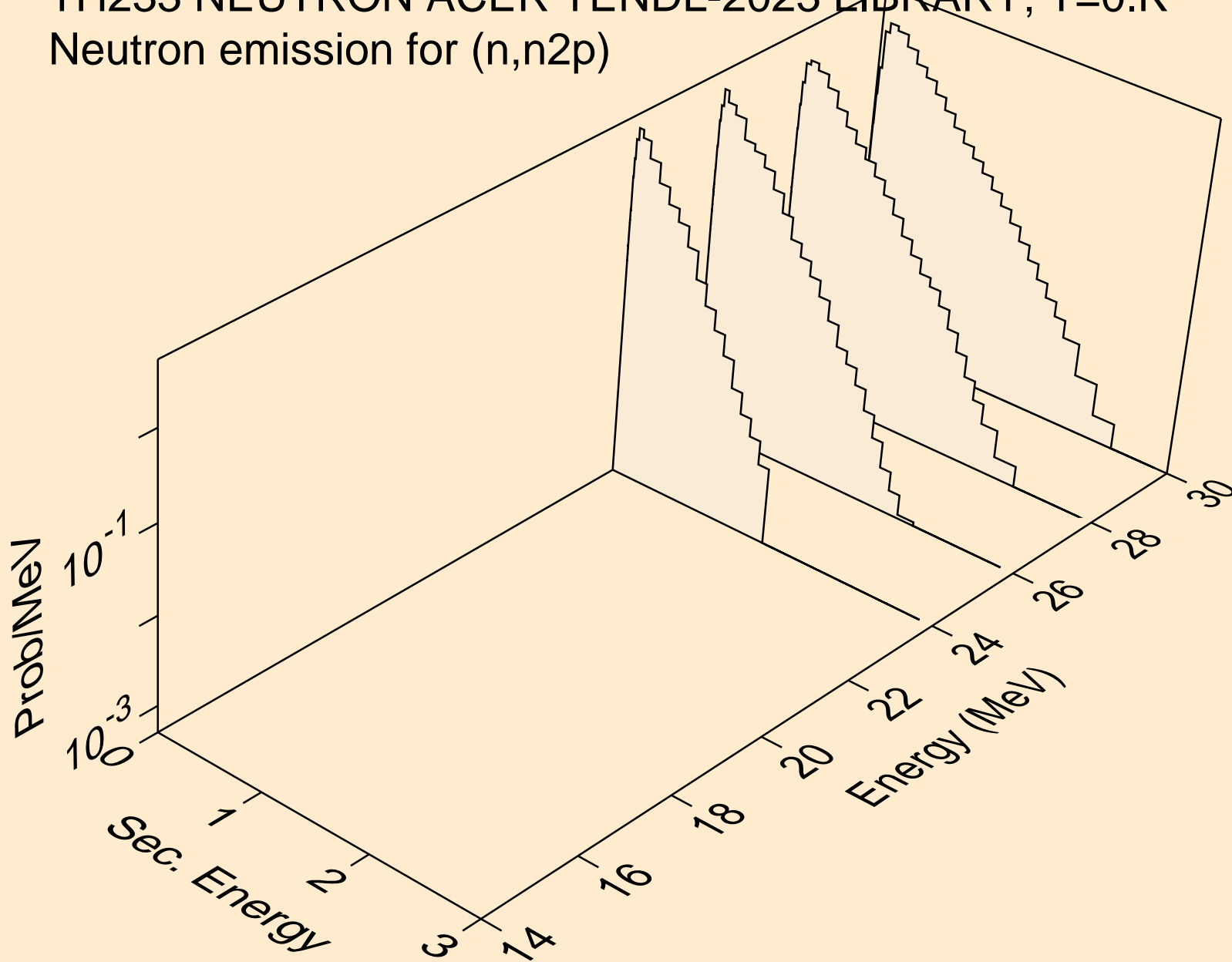
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



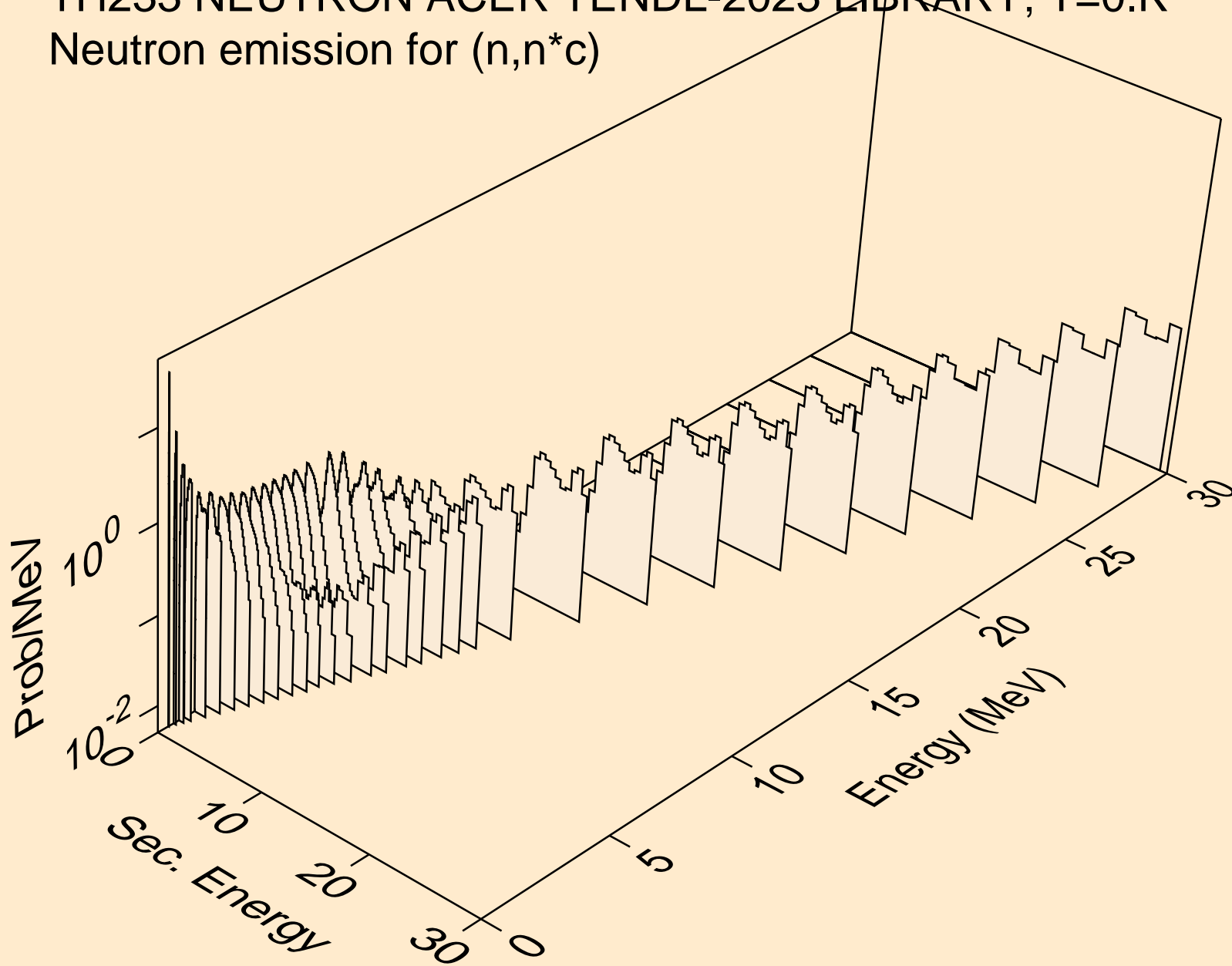
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



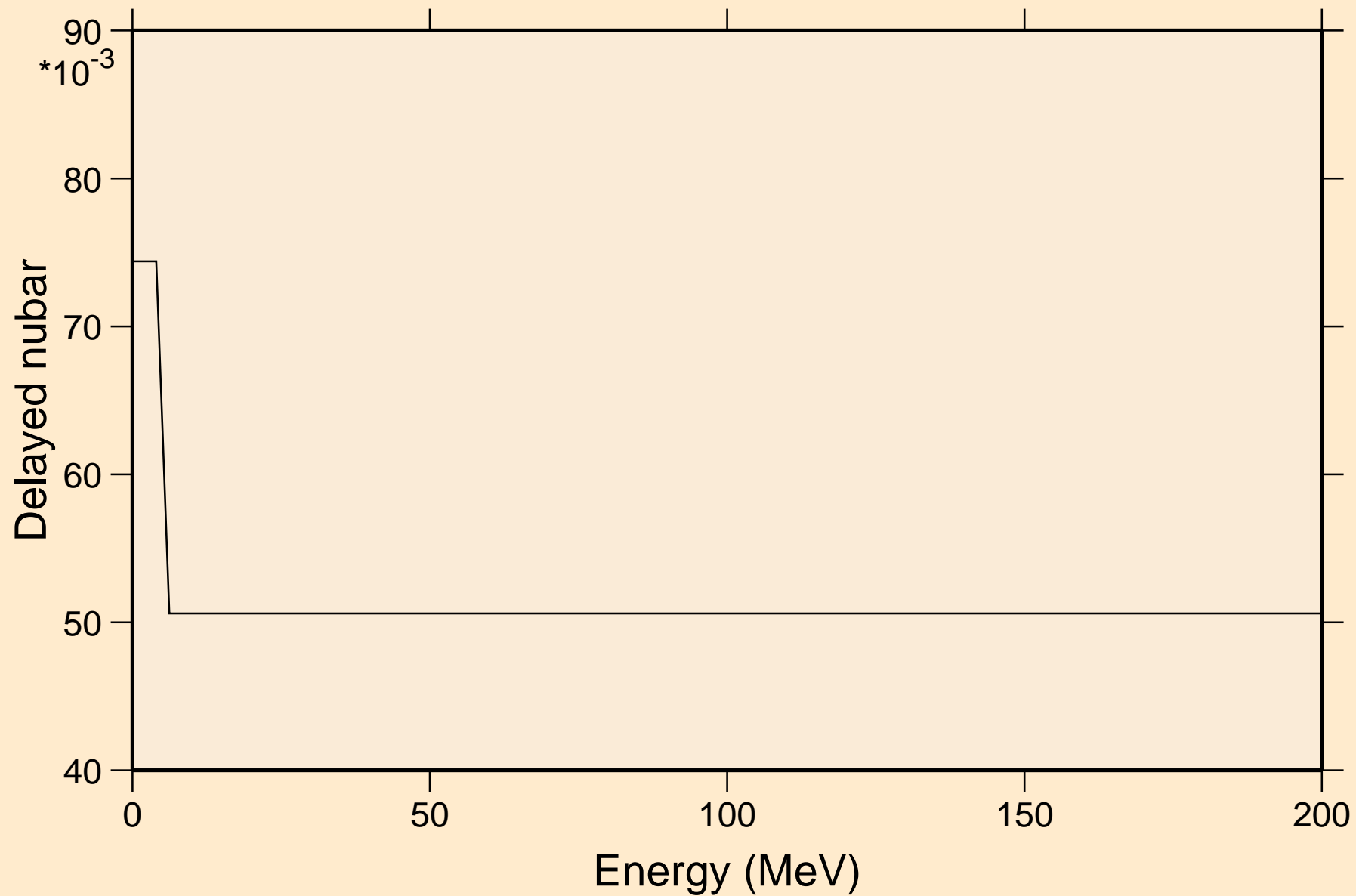
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

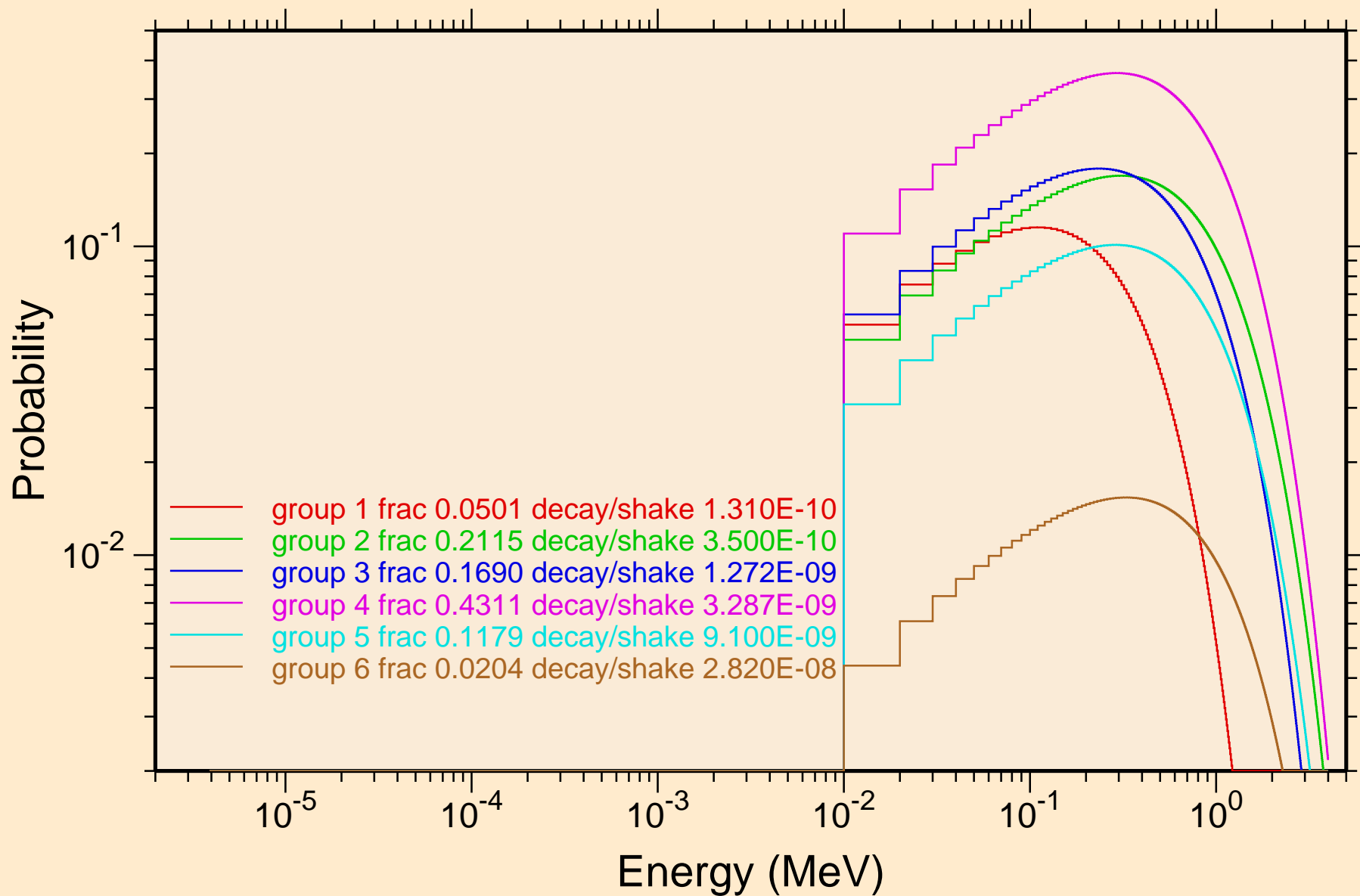


TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Delayed nubar

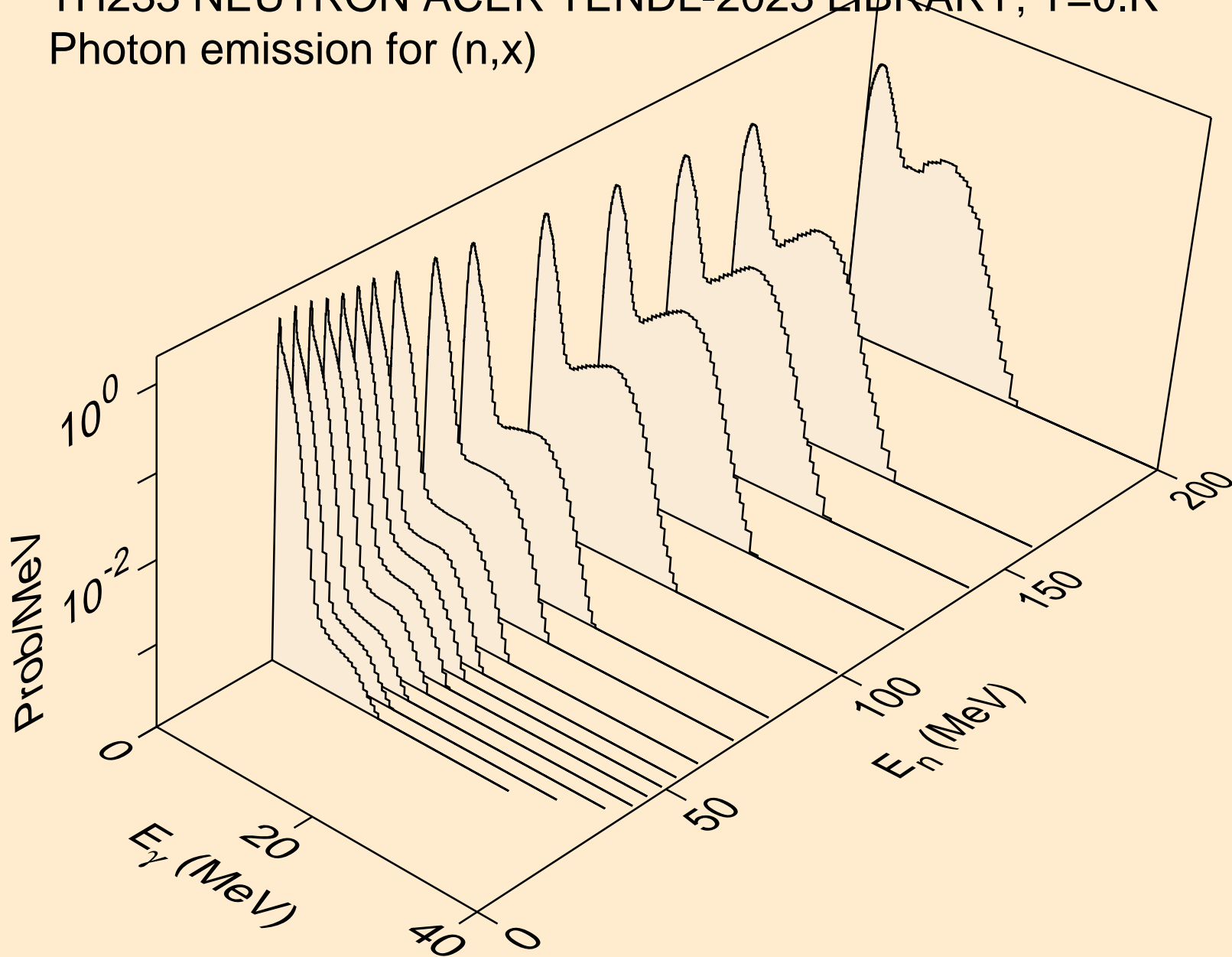


# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

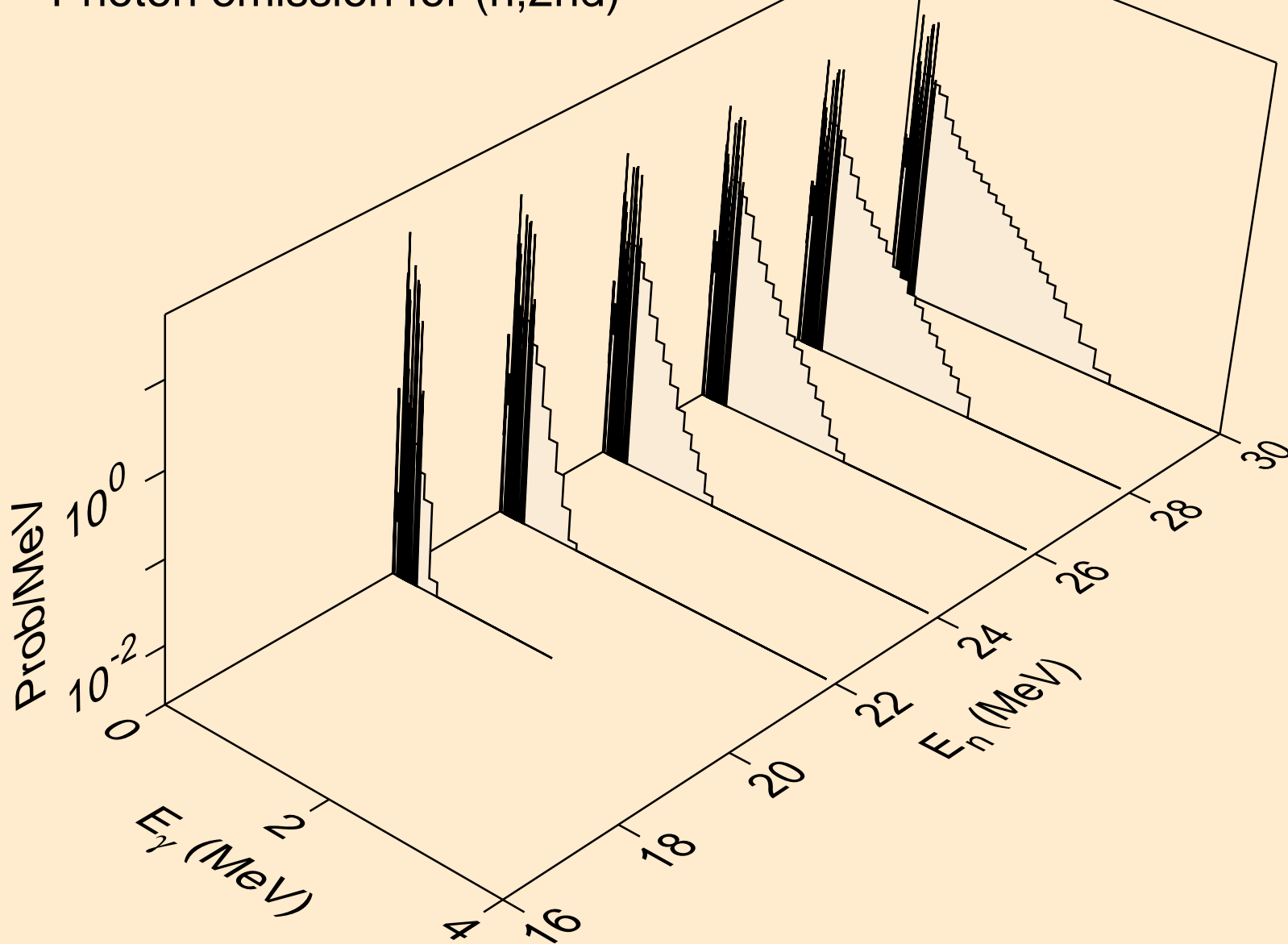
## Delayed neutron spectra



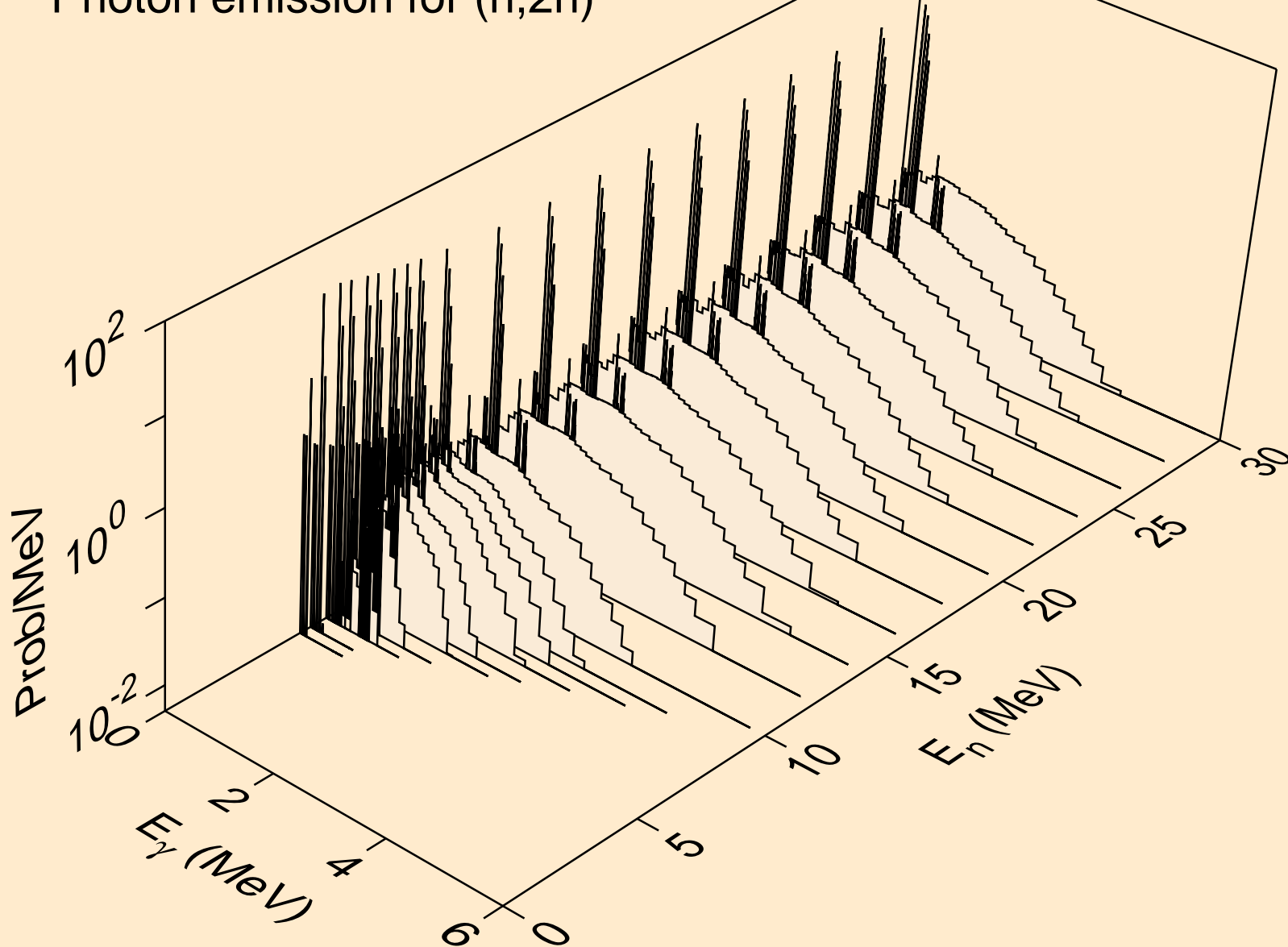
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



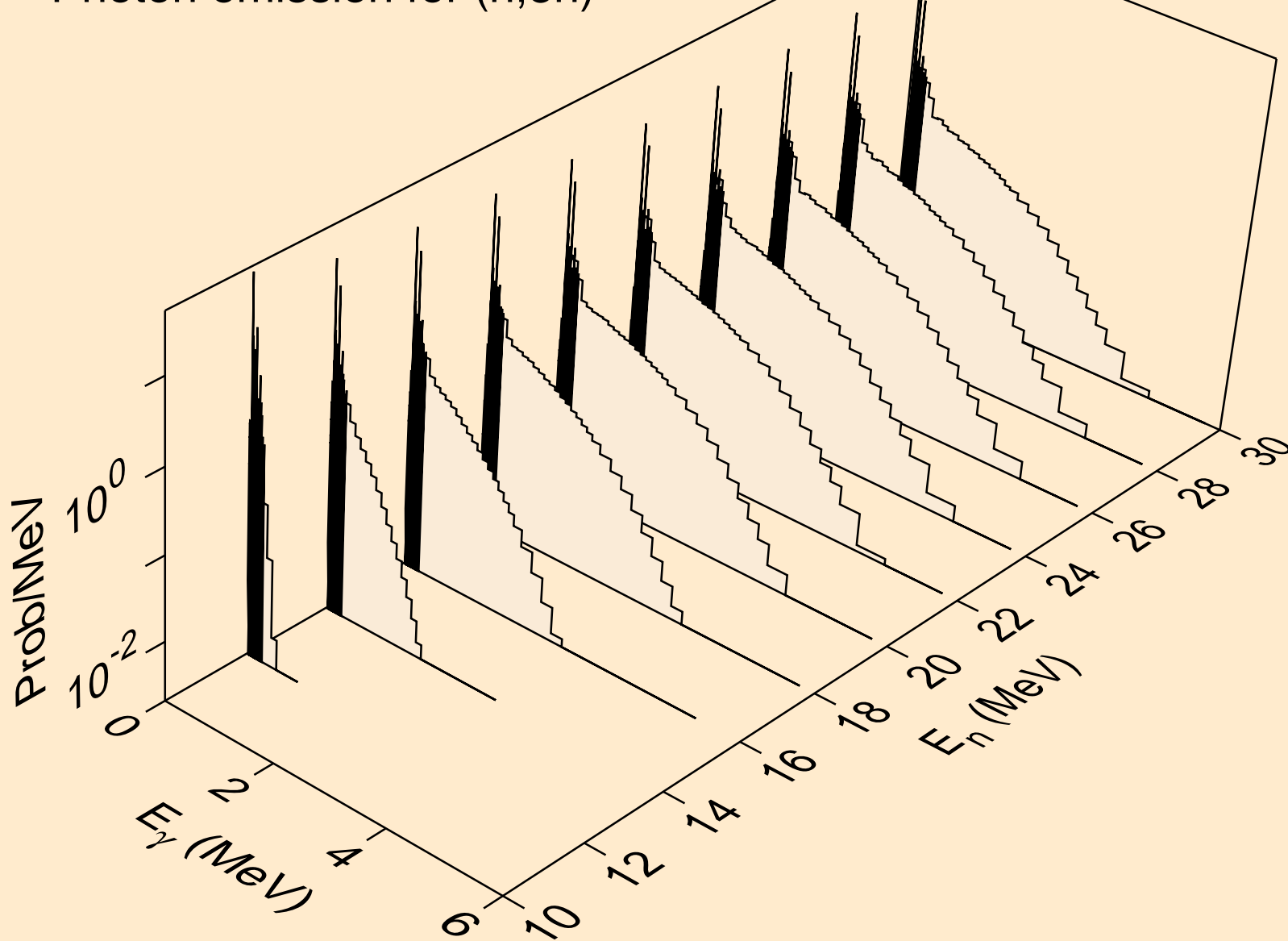
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



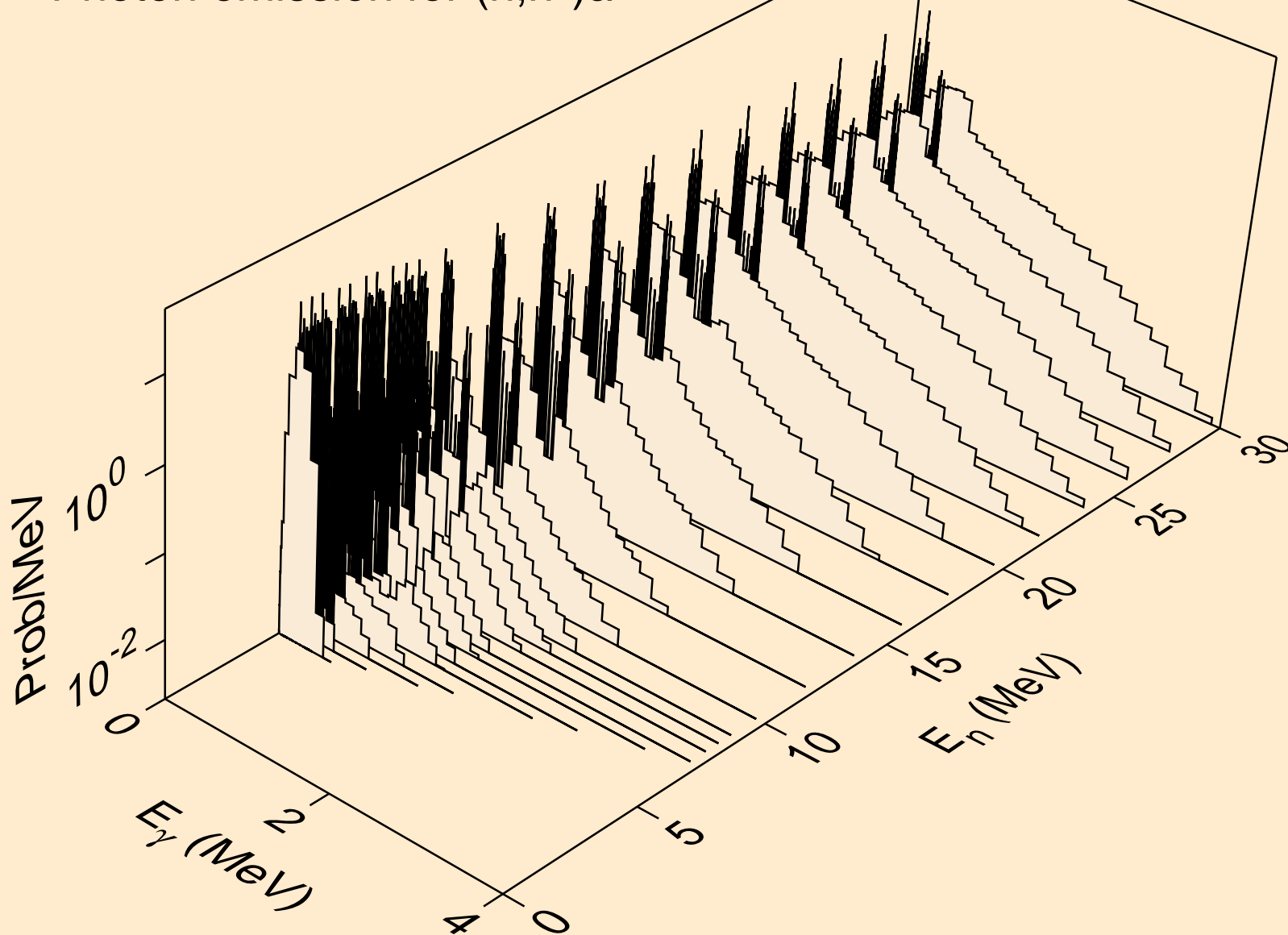
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



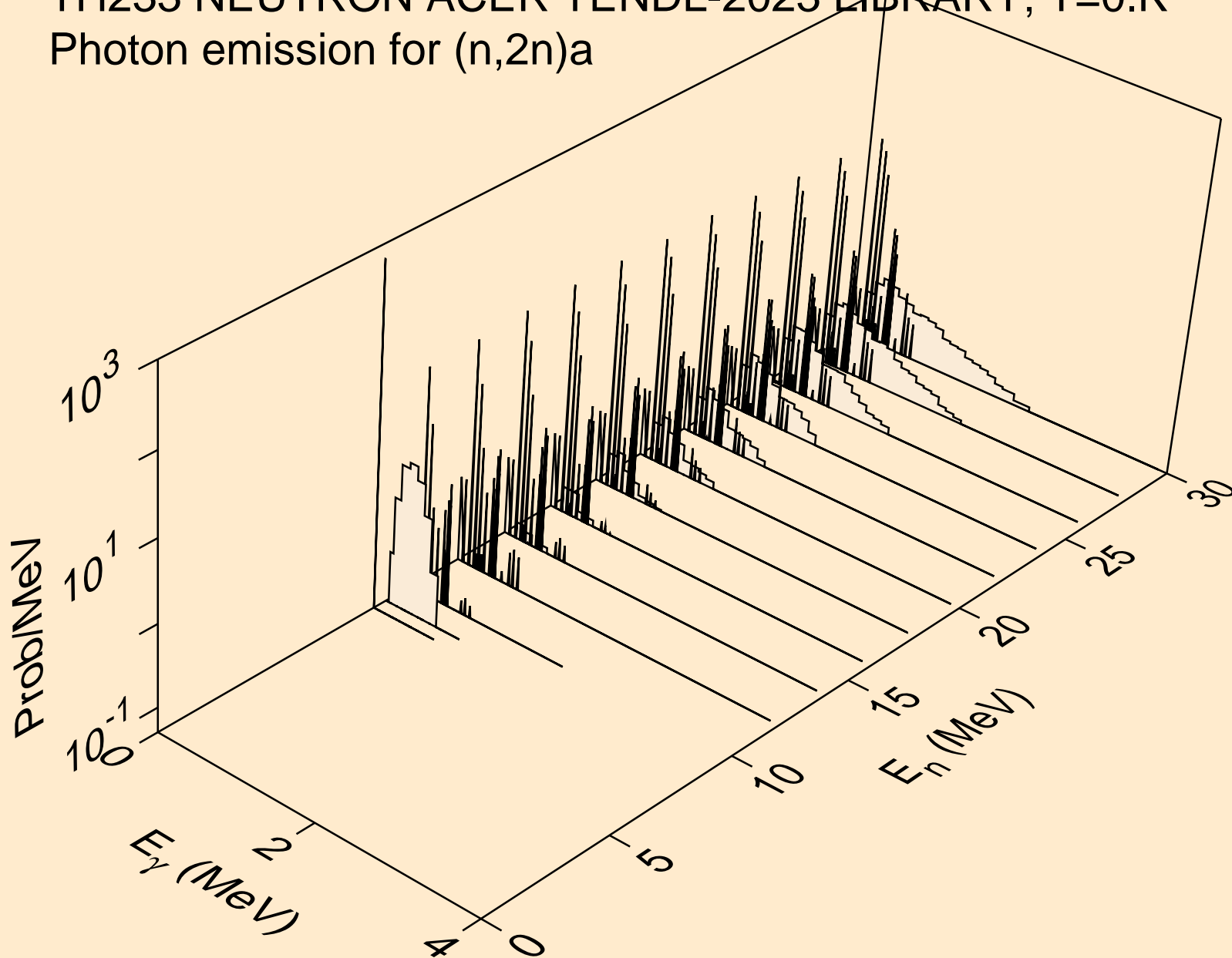
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



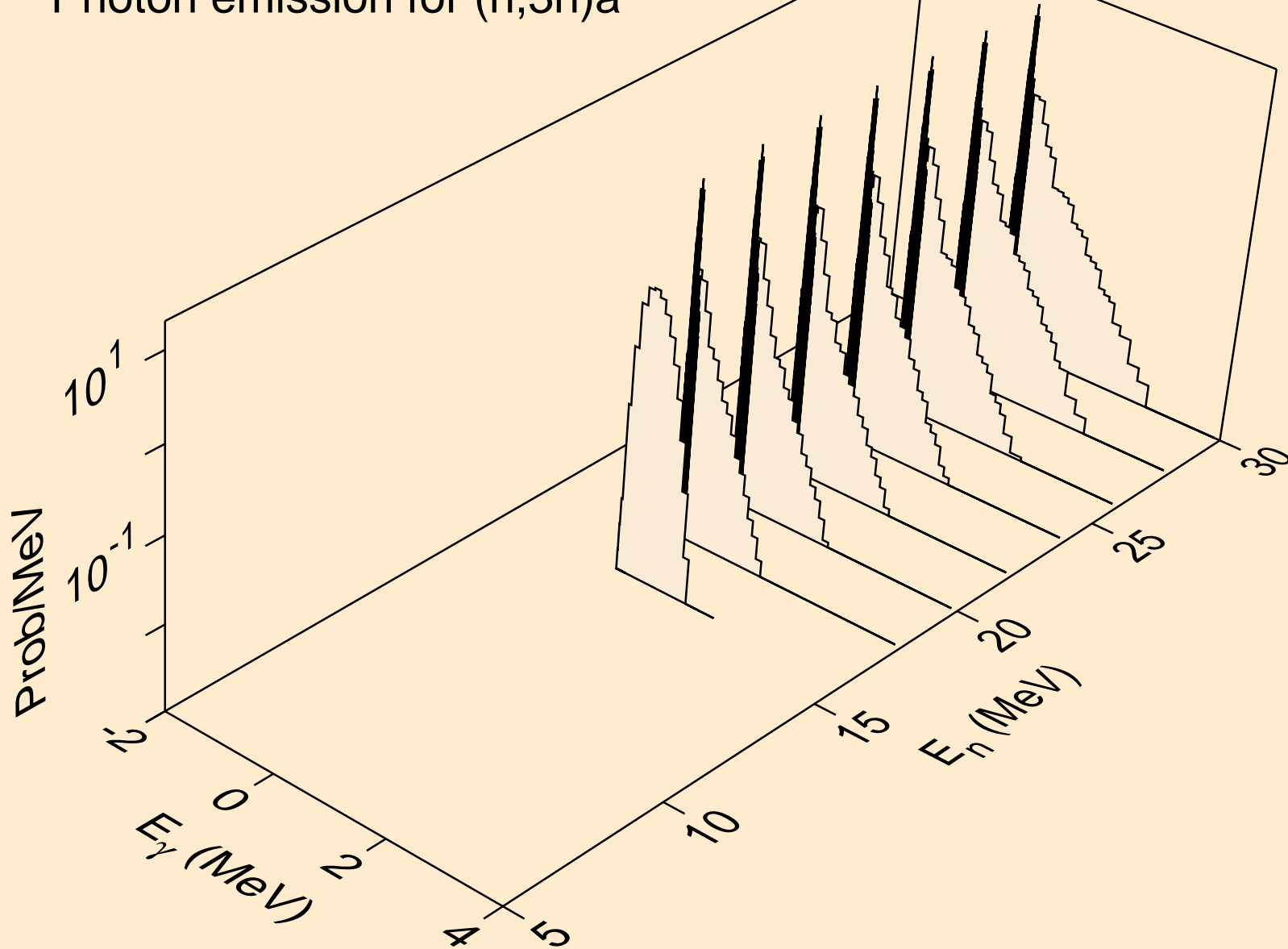
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



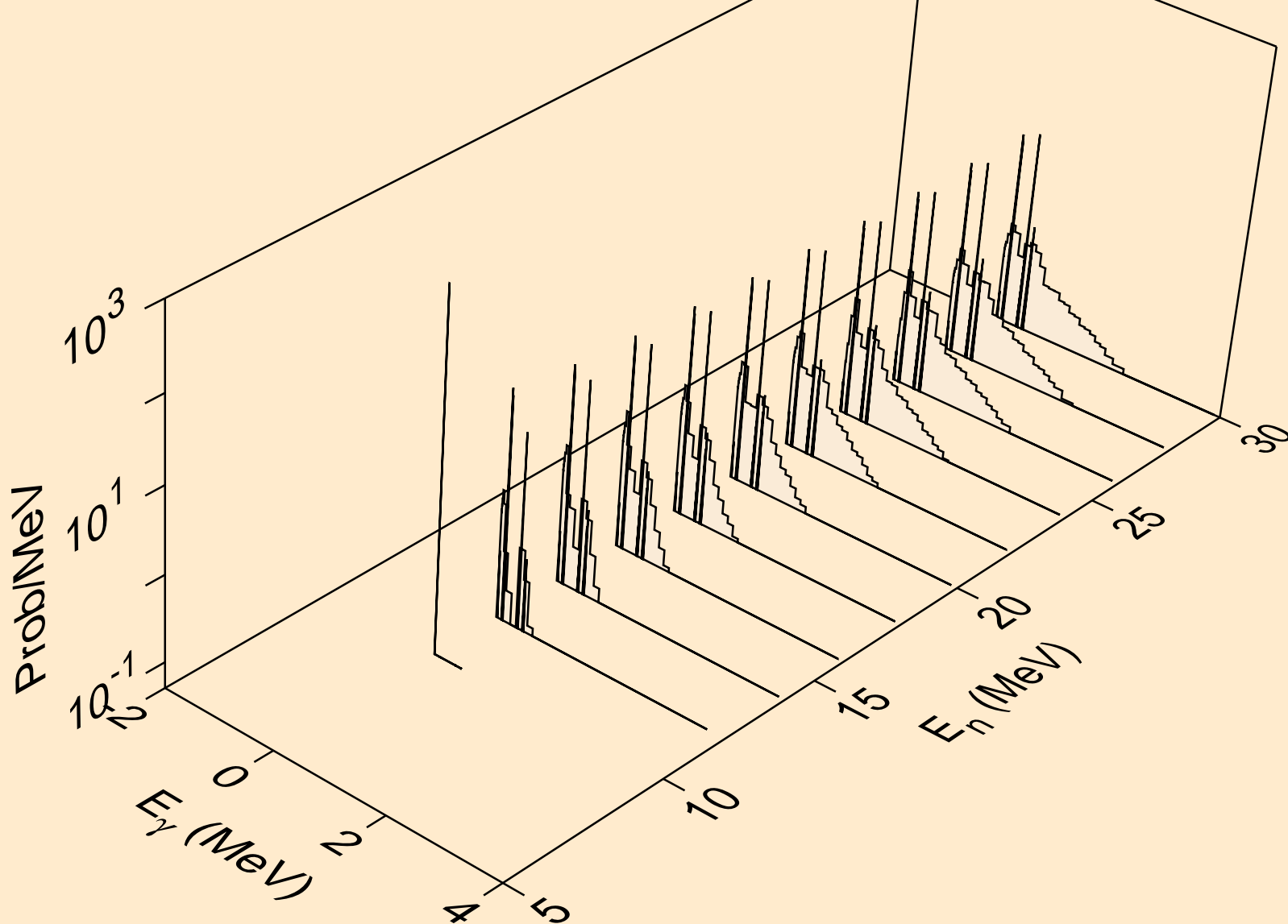
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



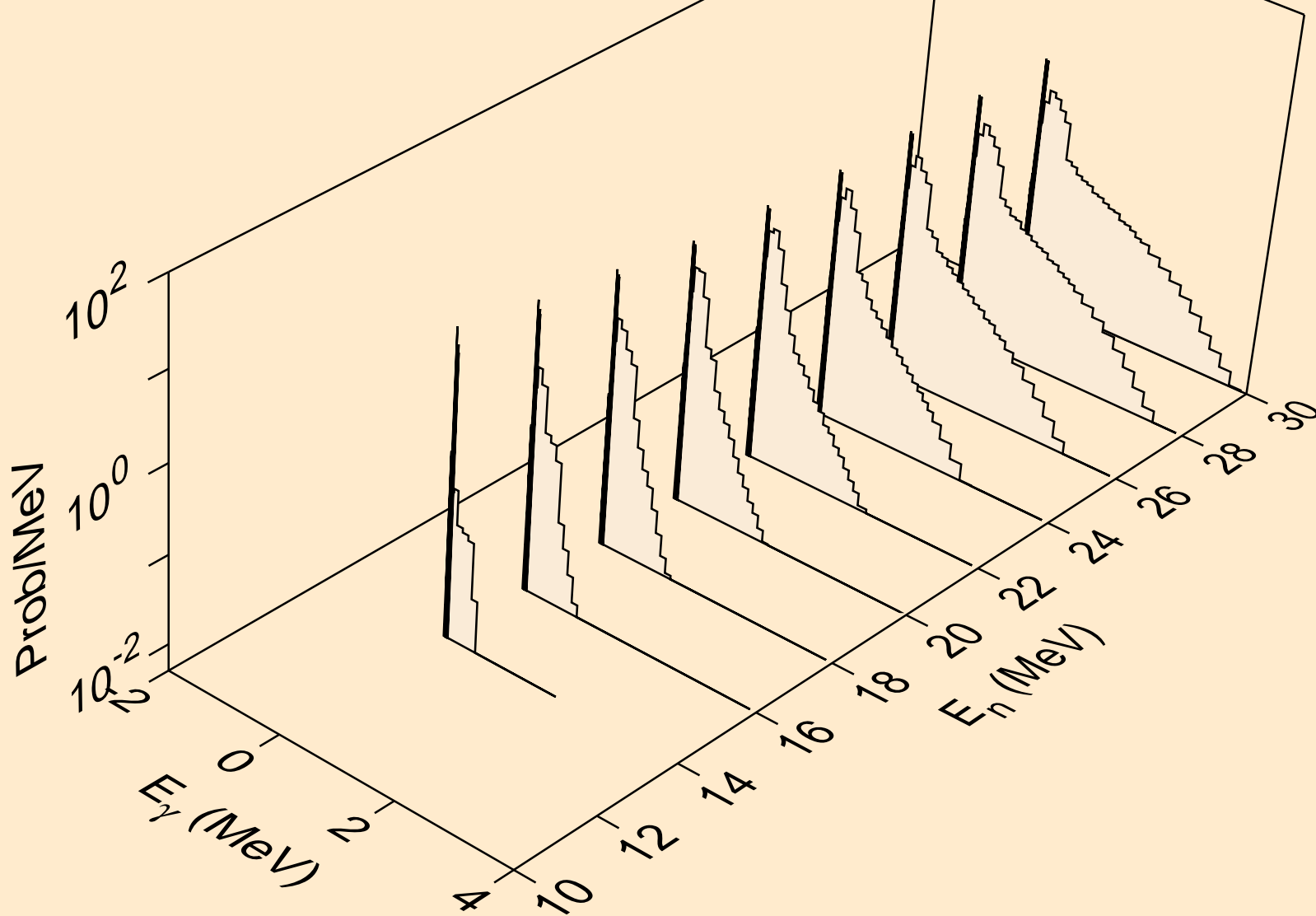
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



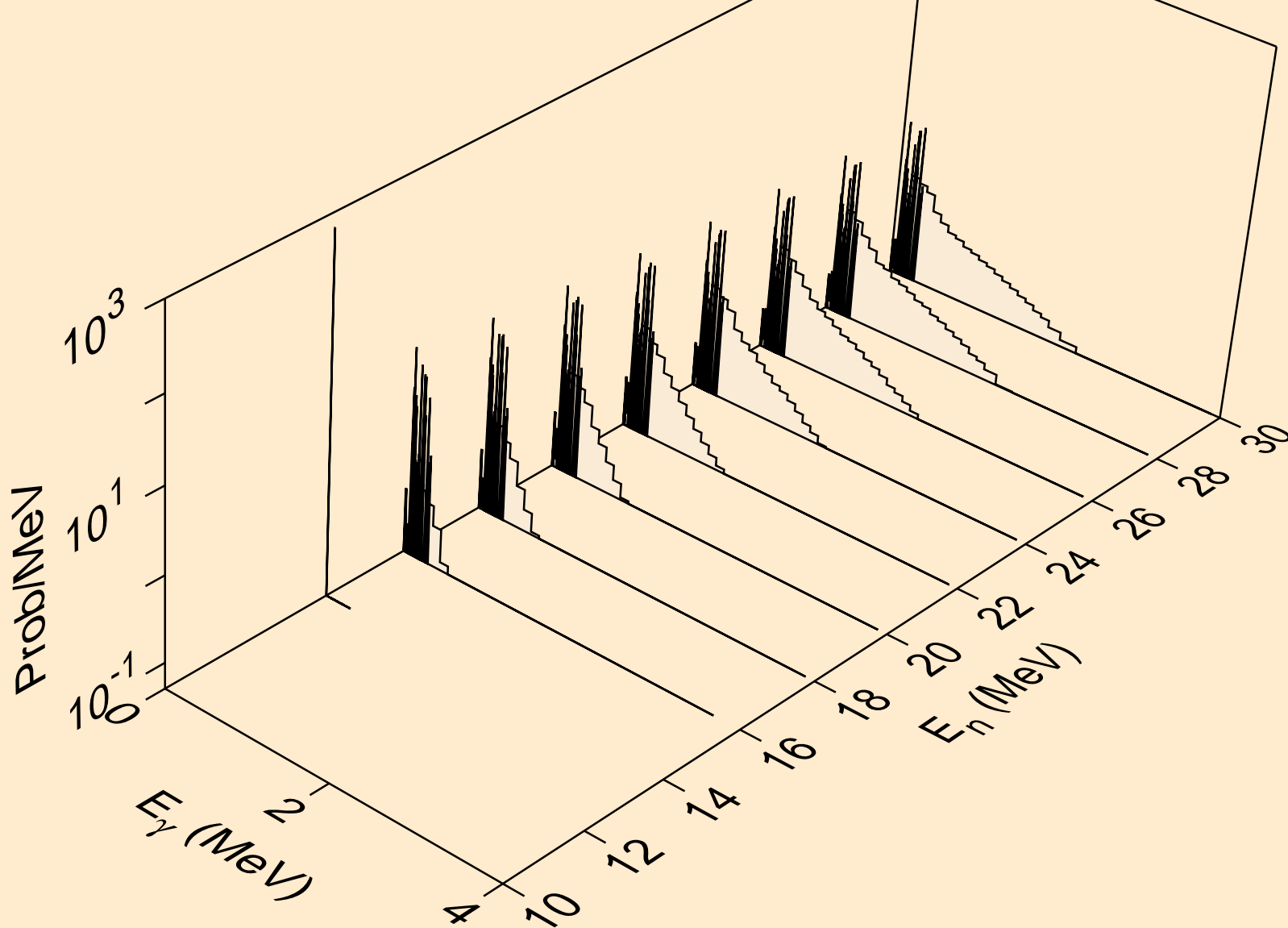
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



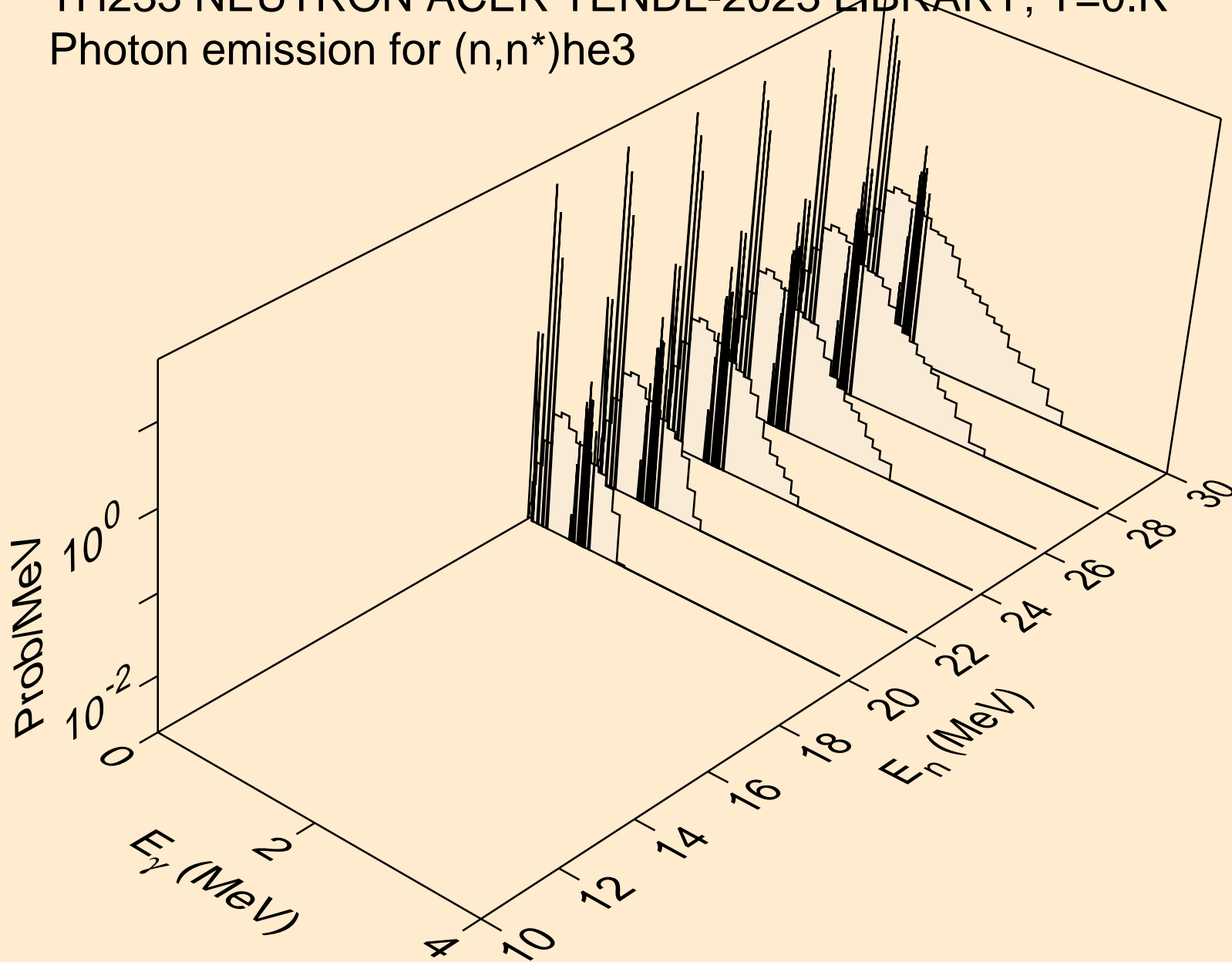
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



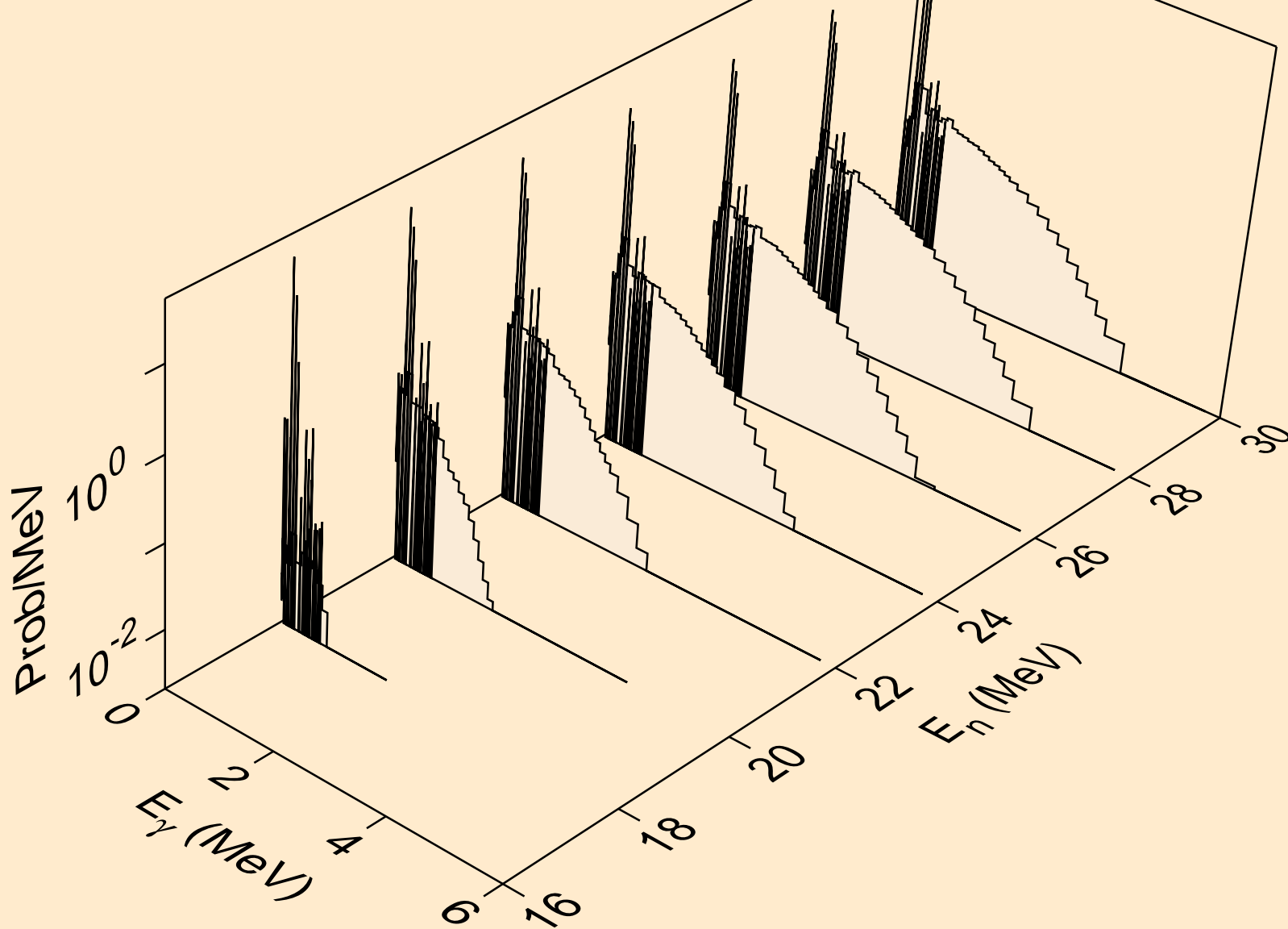
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



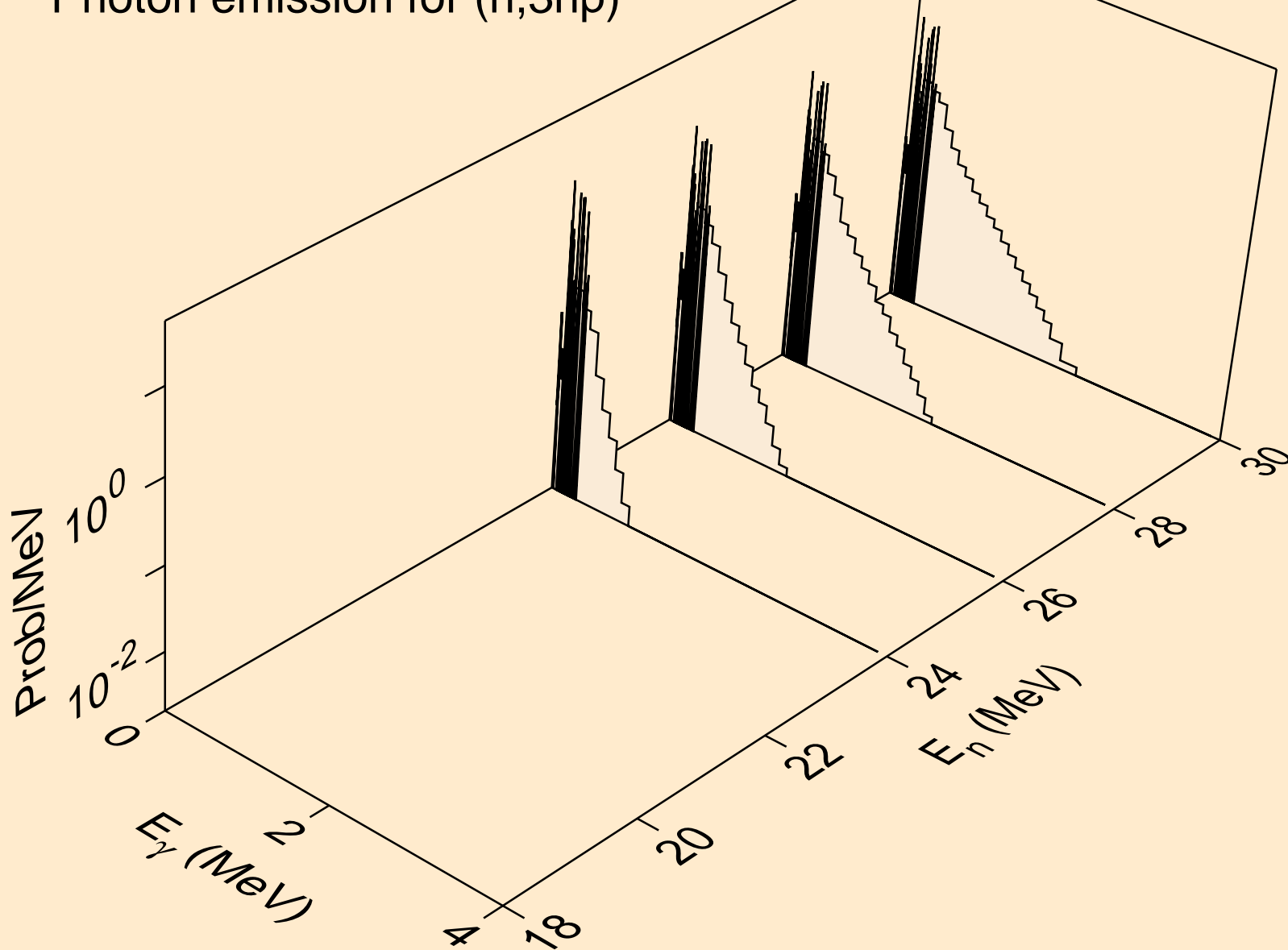
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



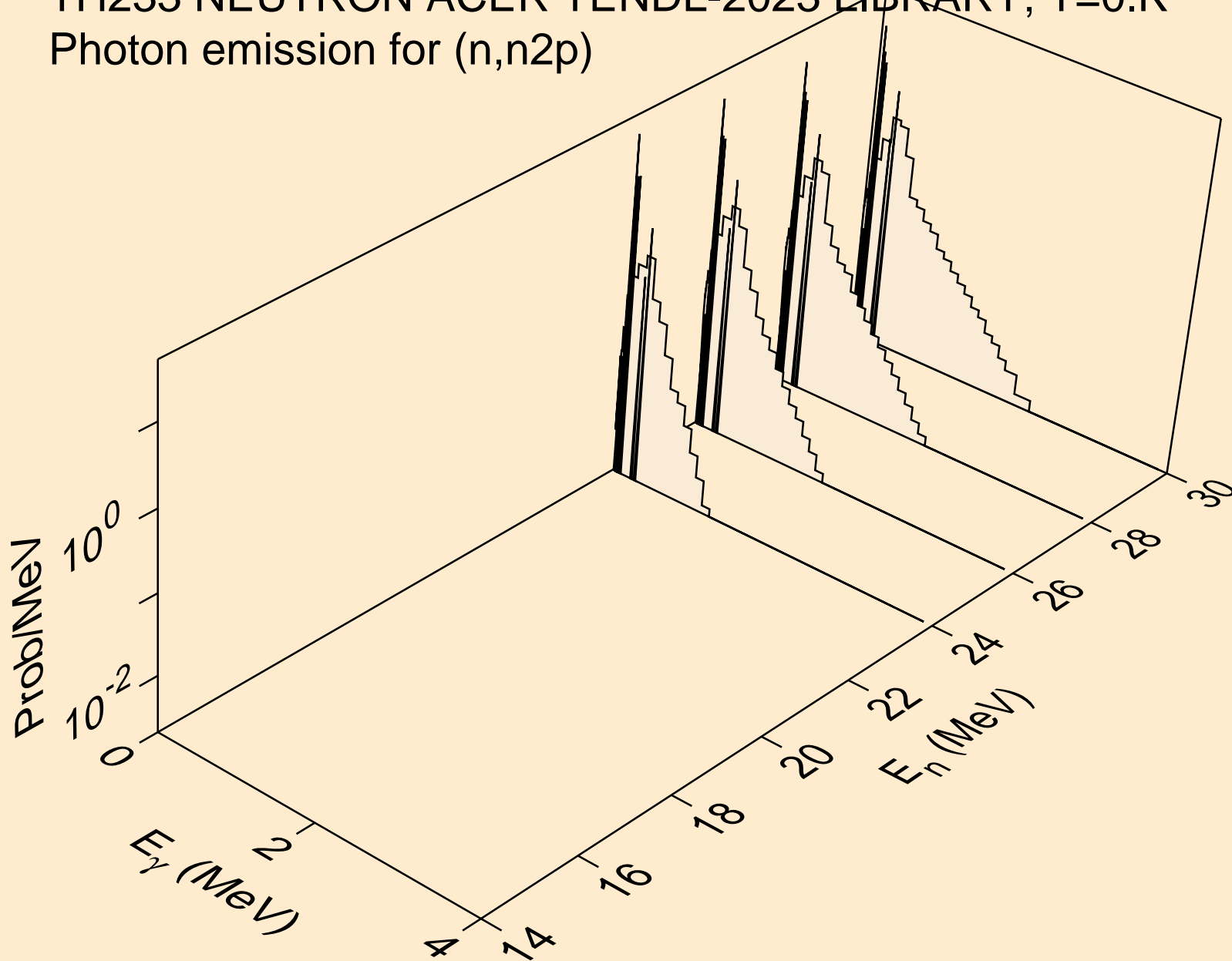
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



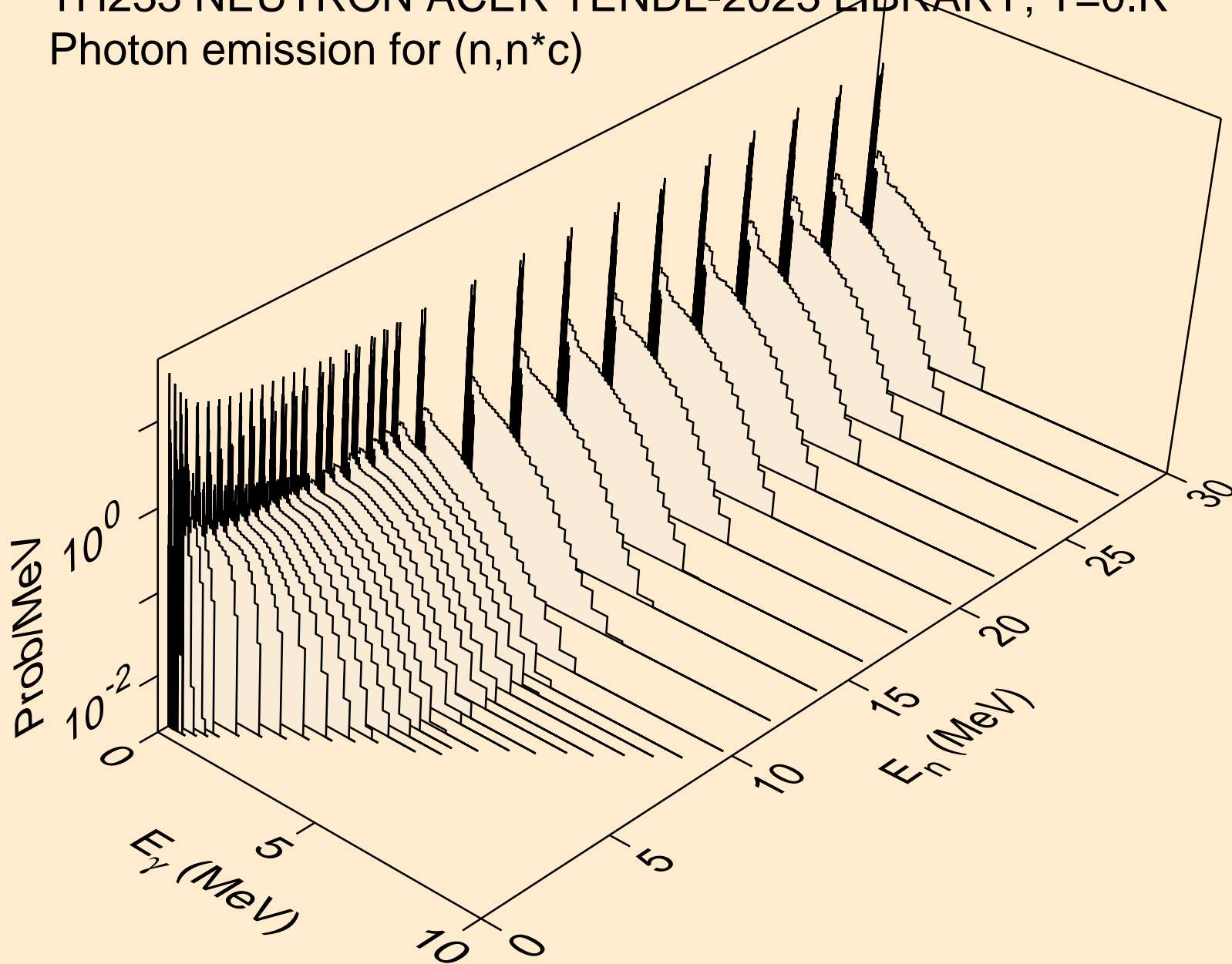
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



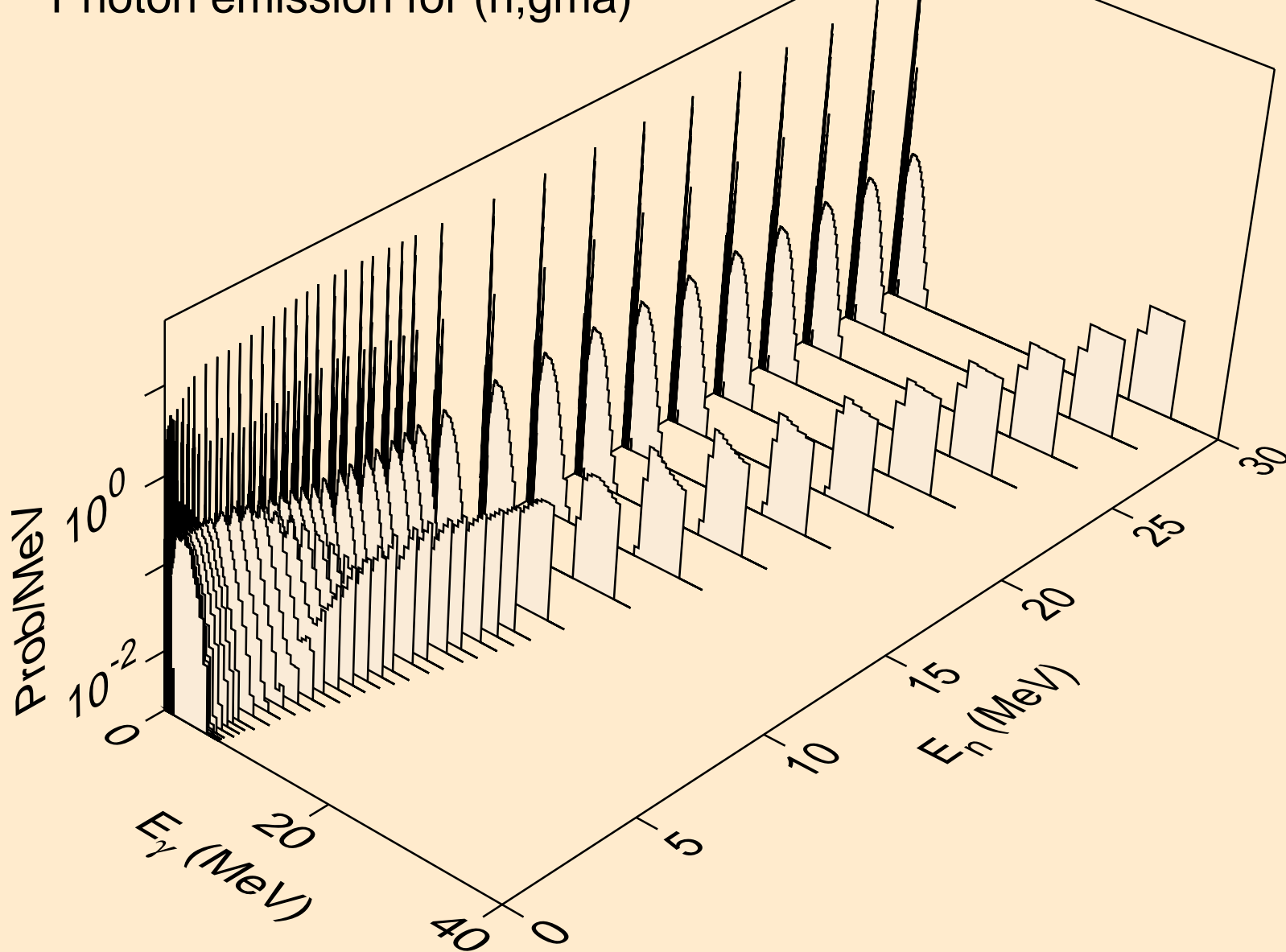
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



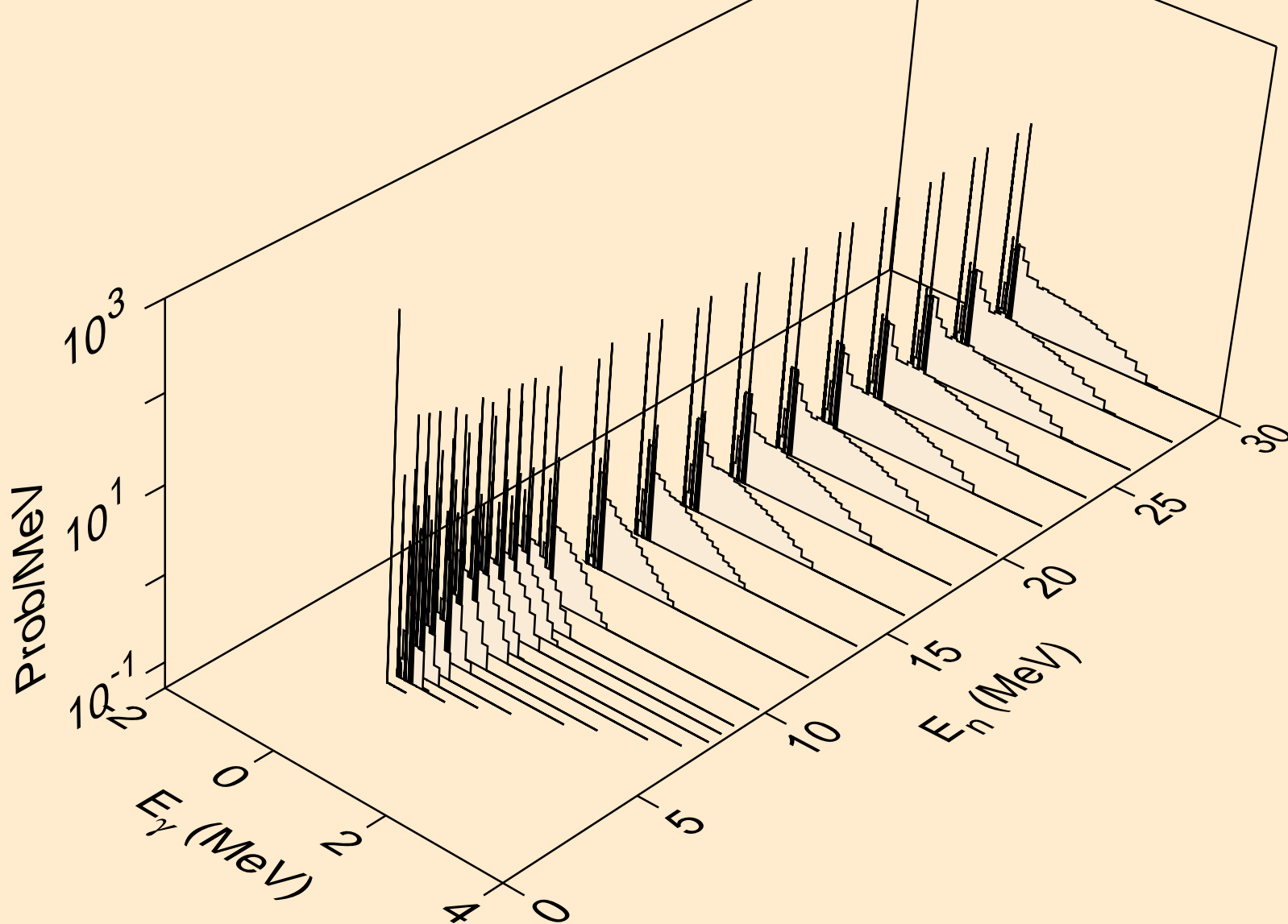
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



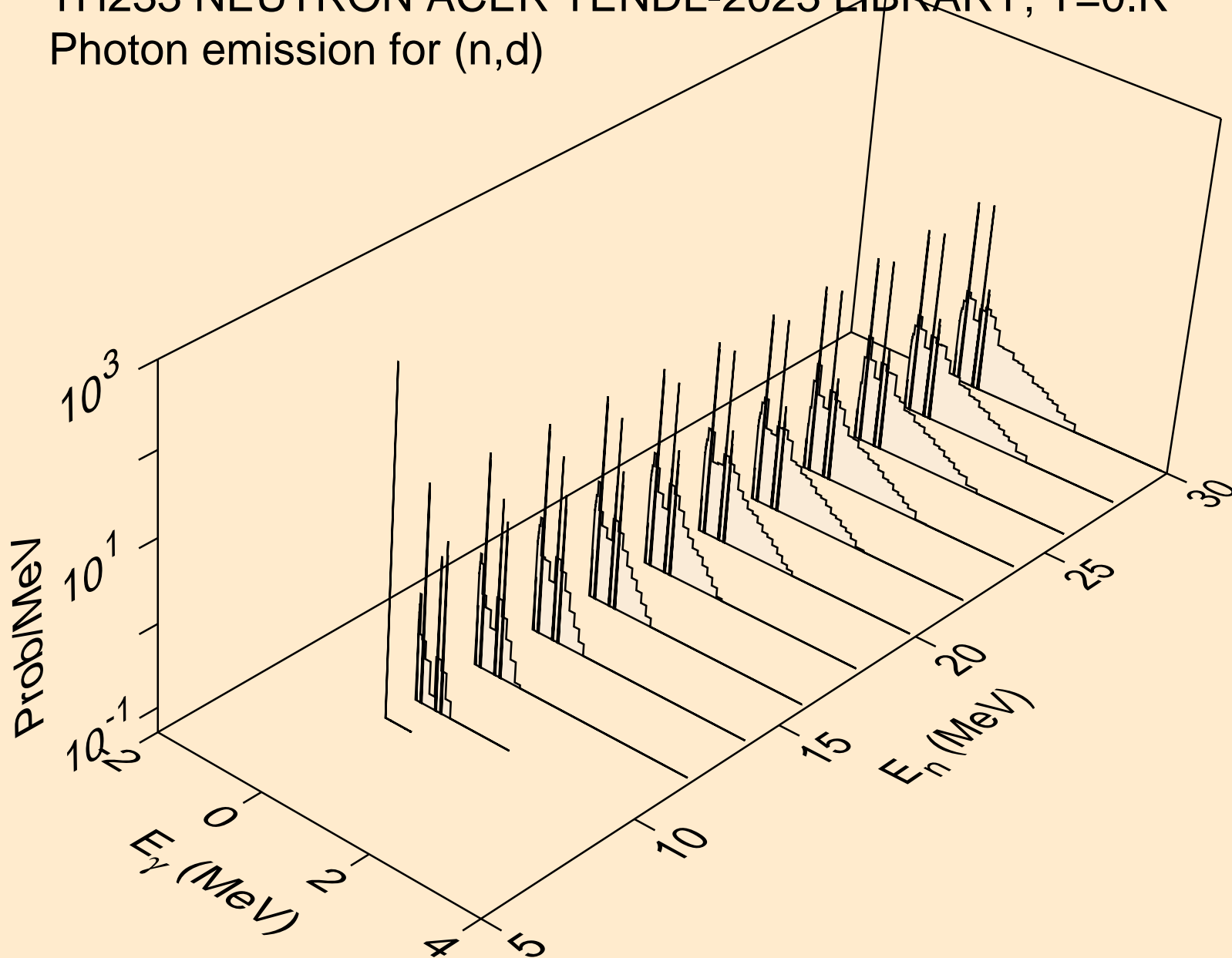
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



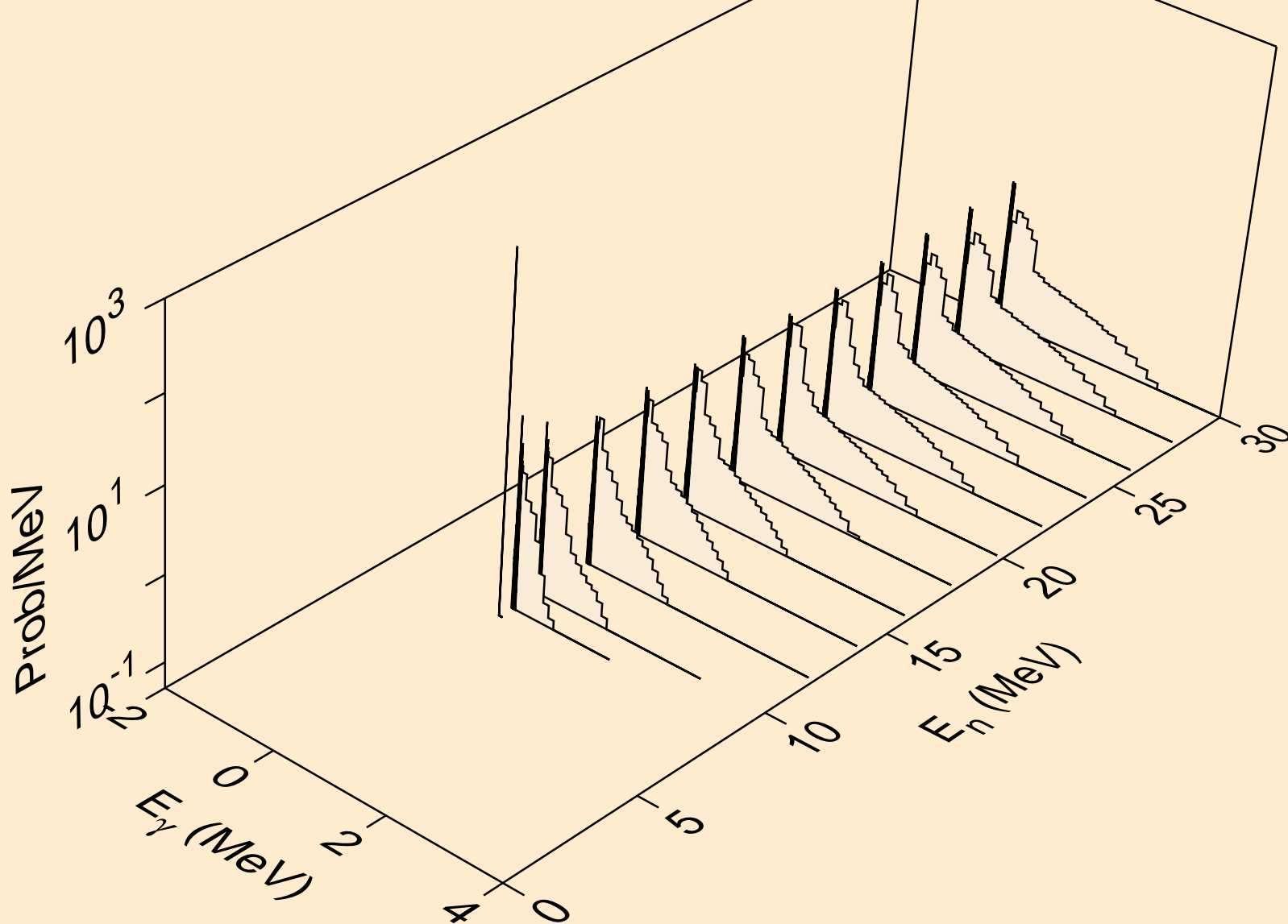
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



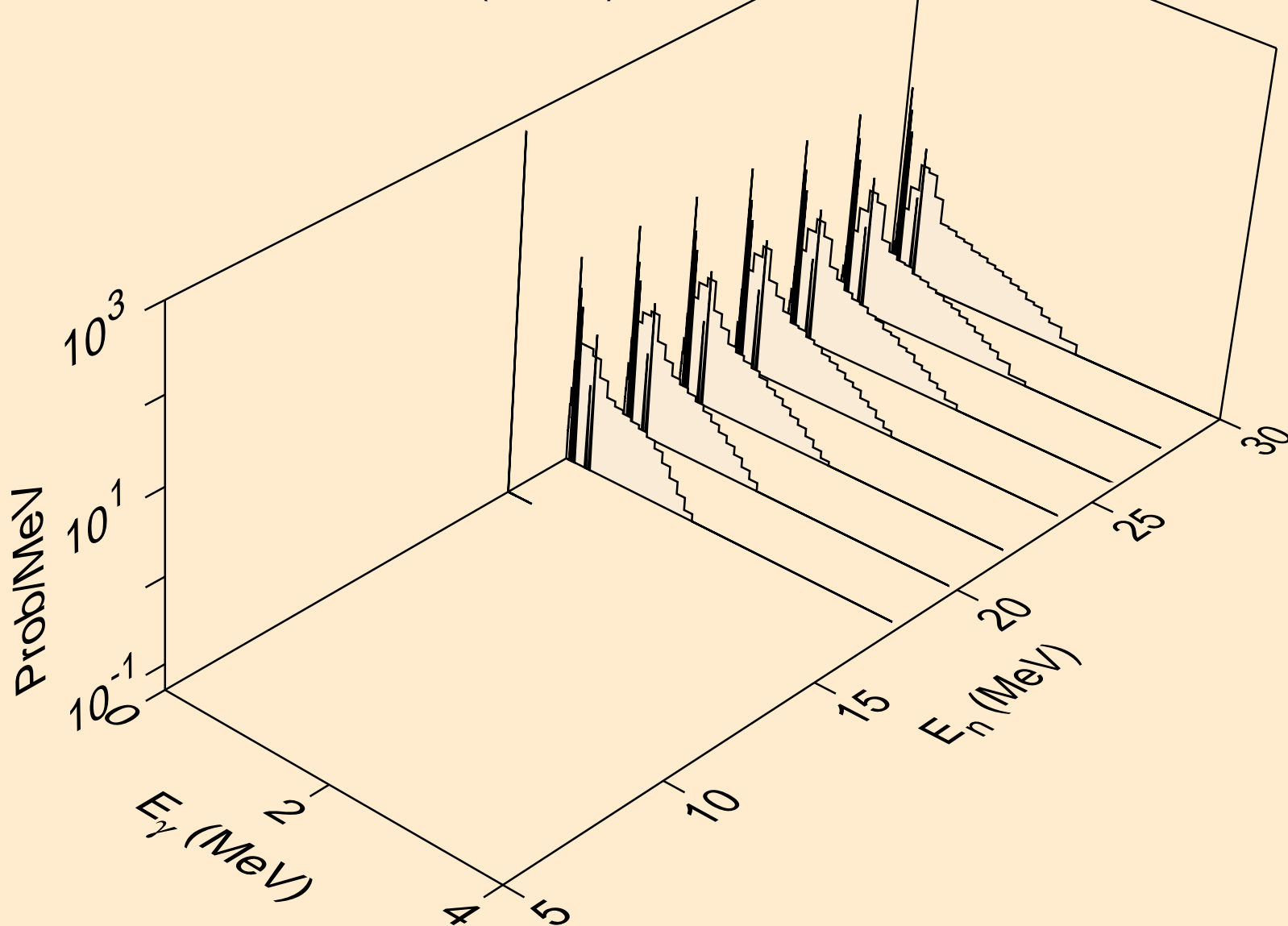
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



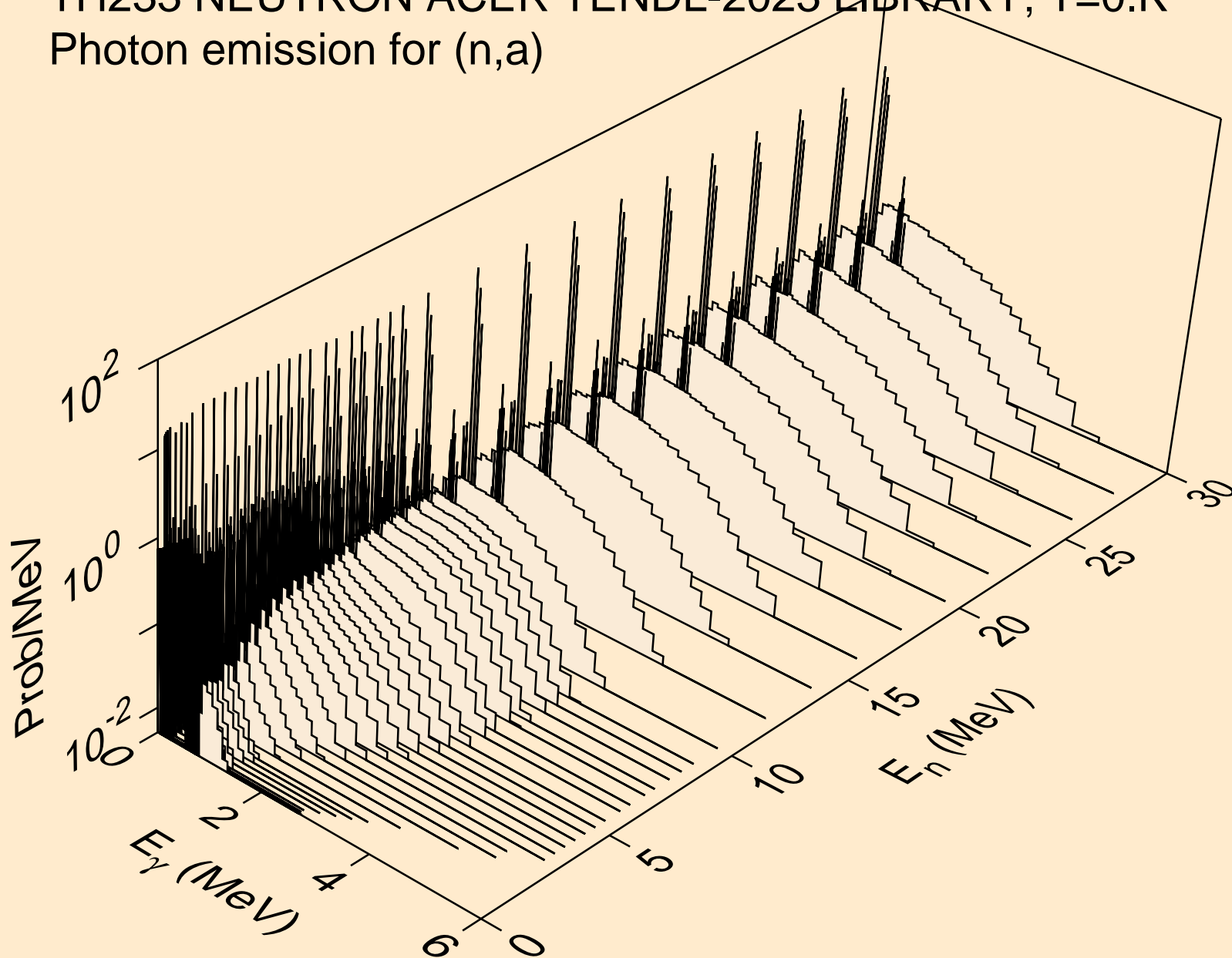
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



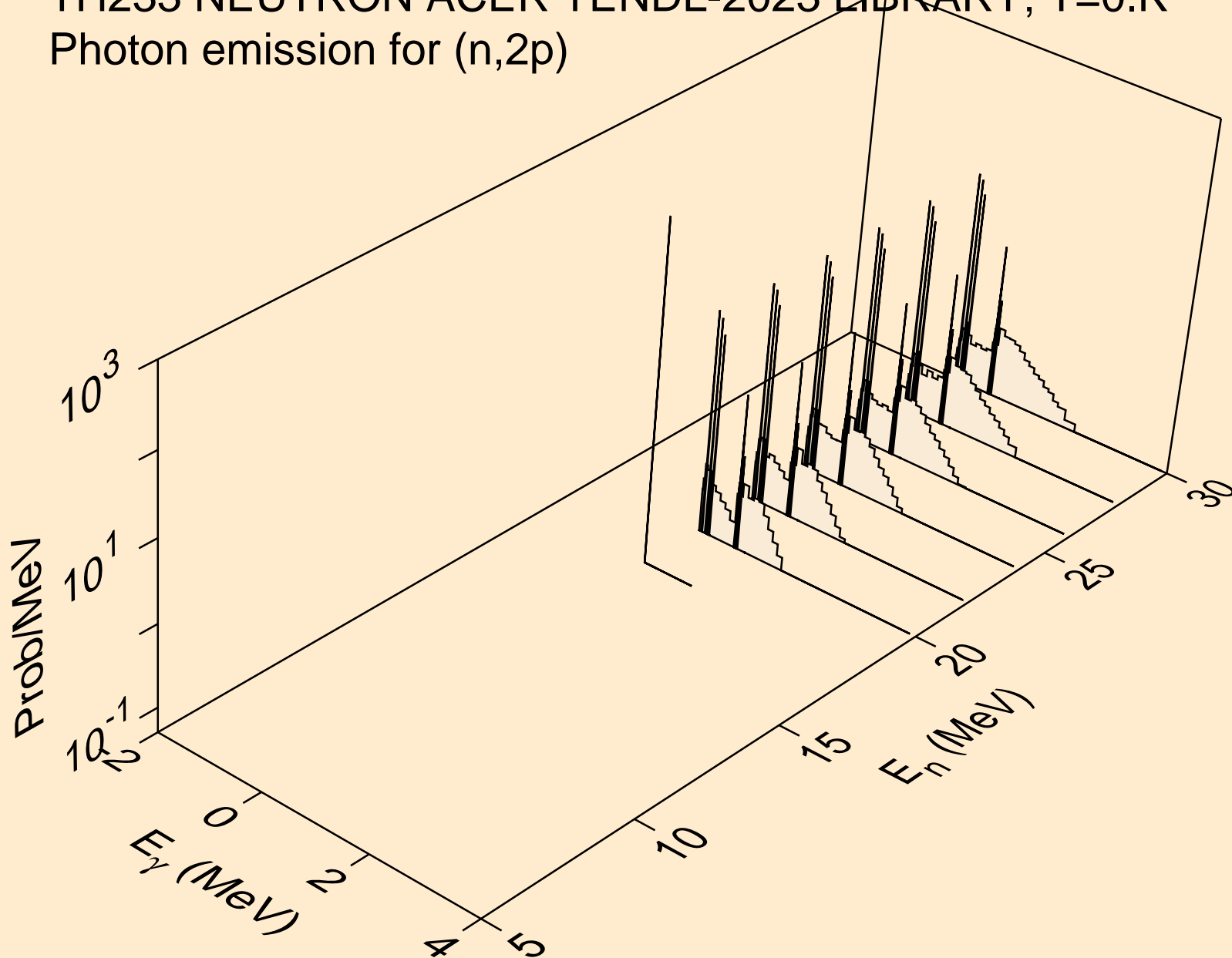
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



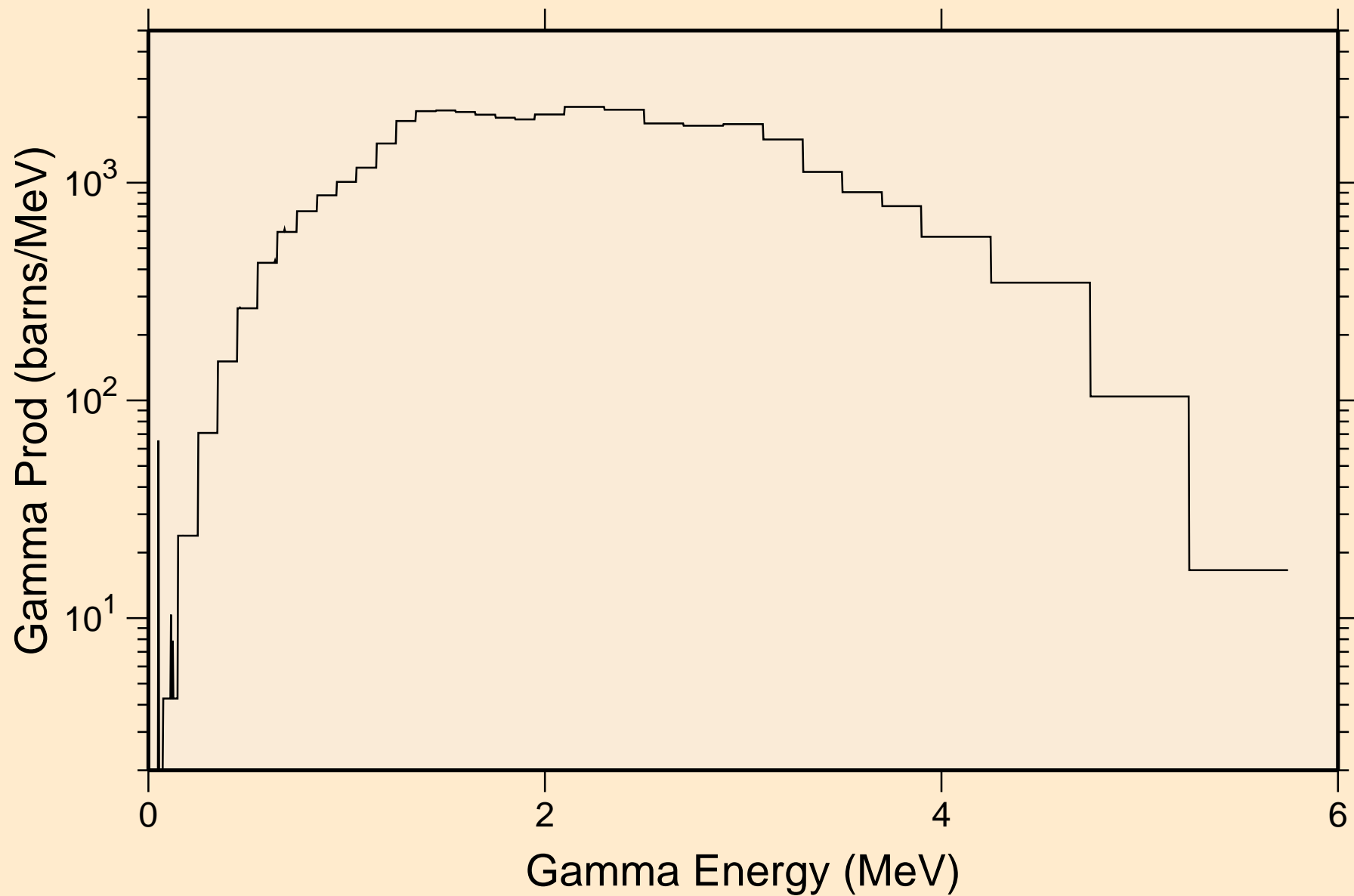
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



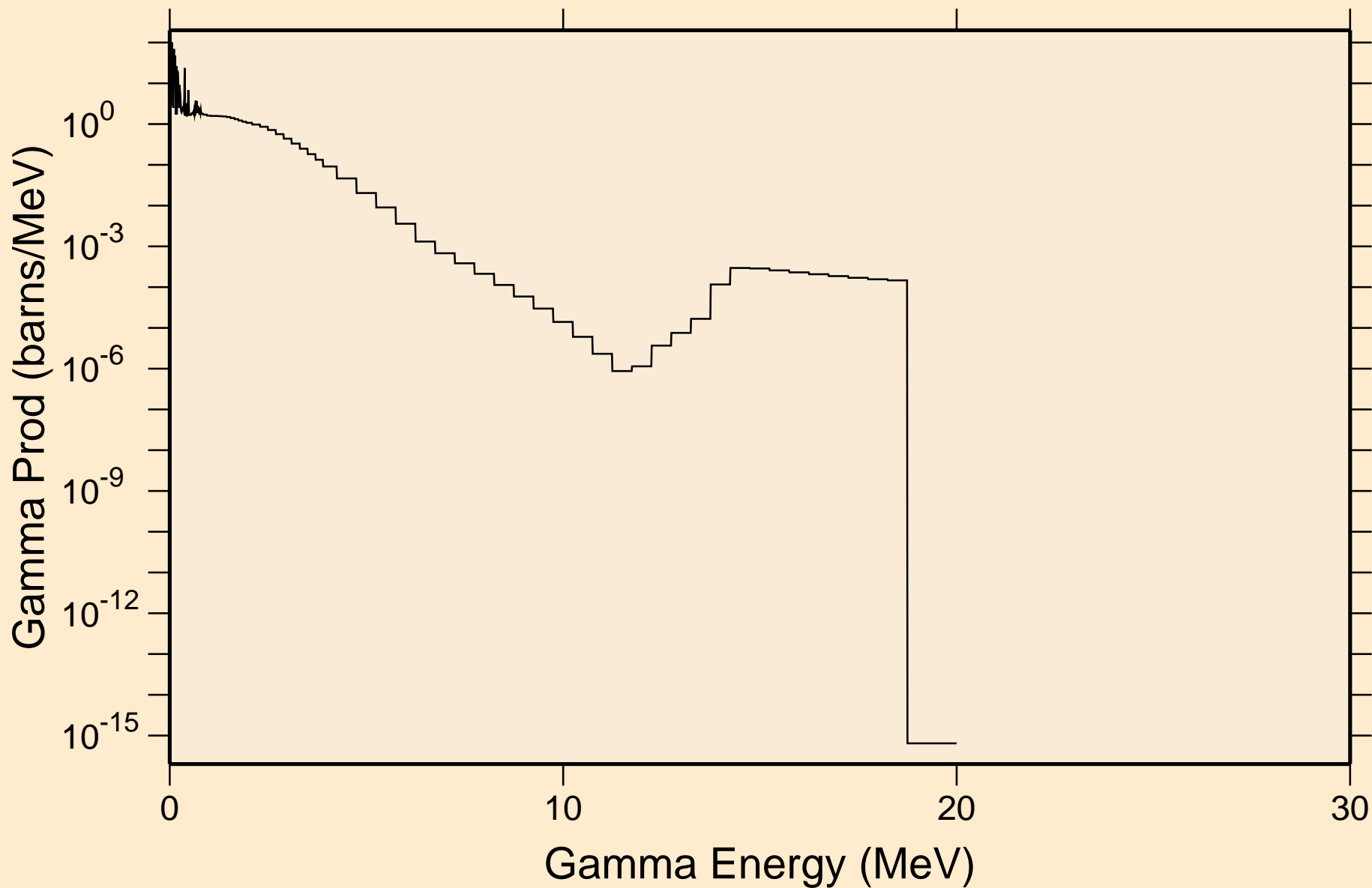
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

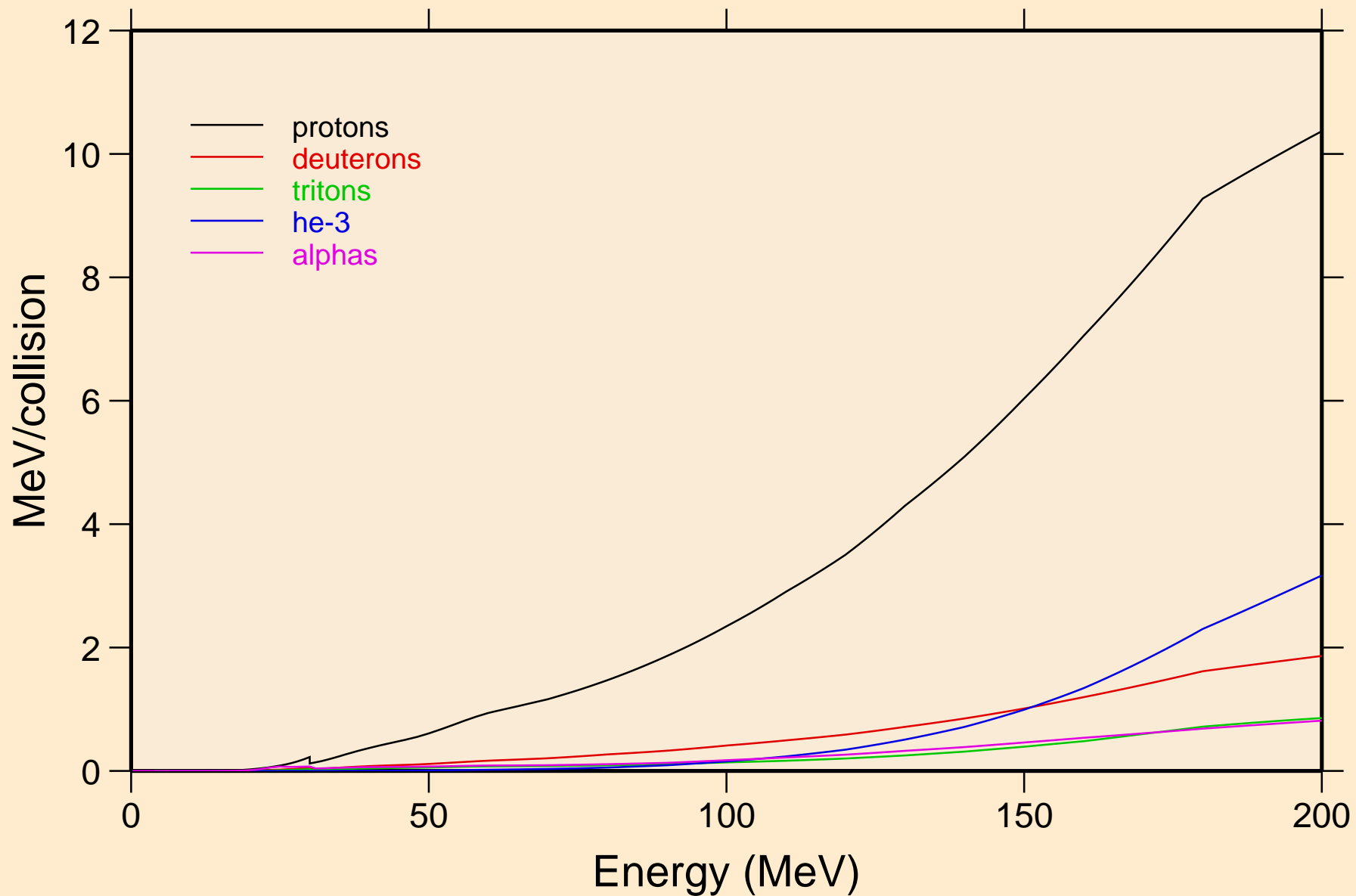


TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

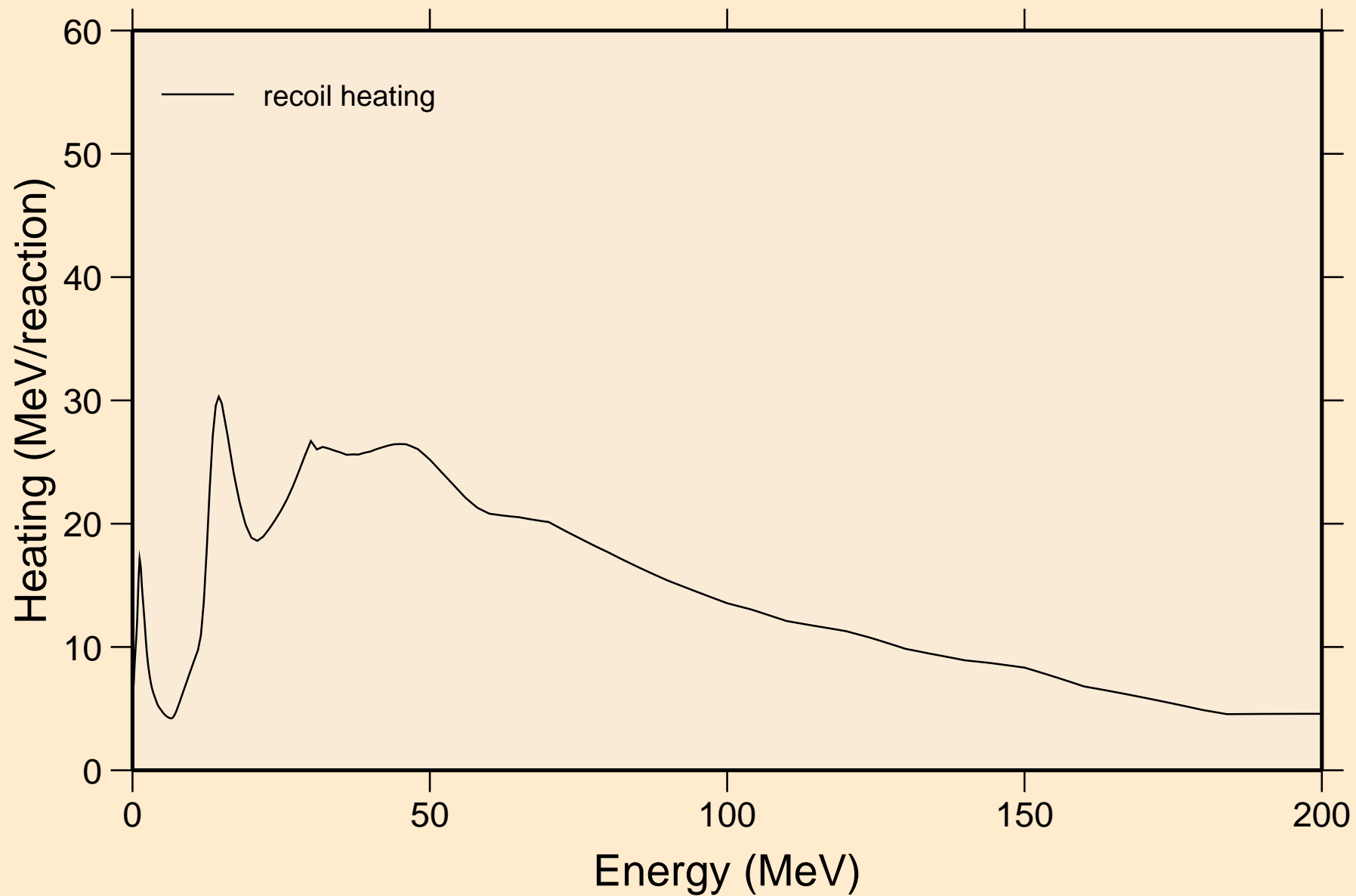


# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

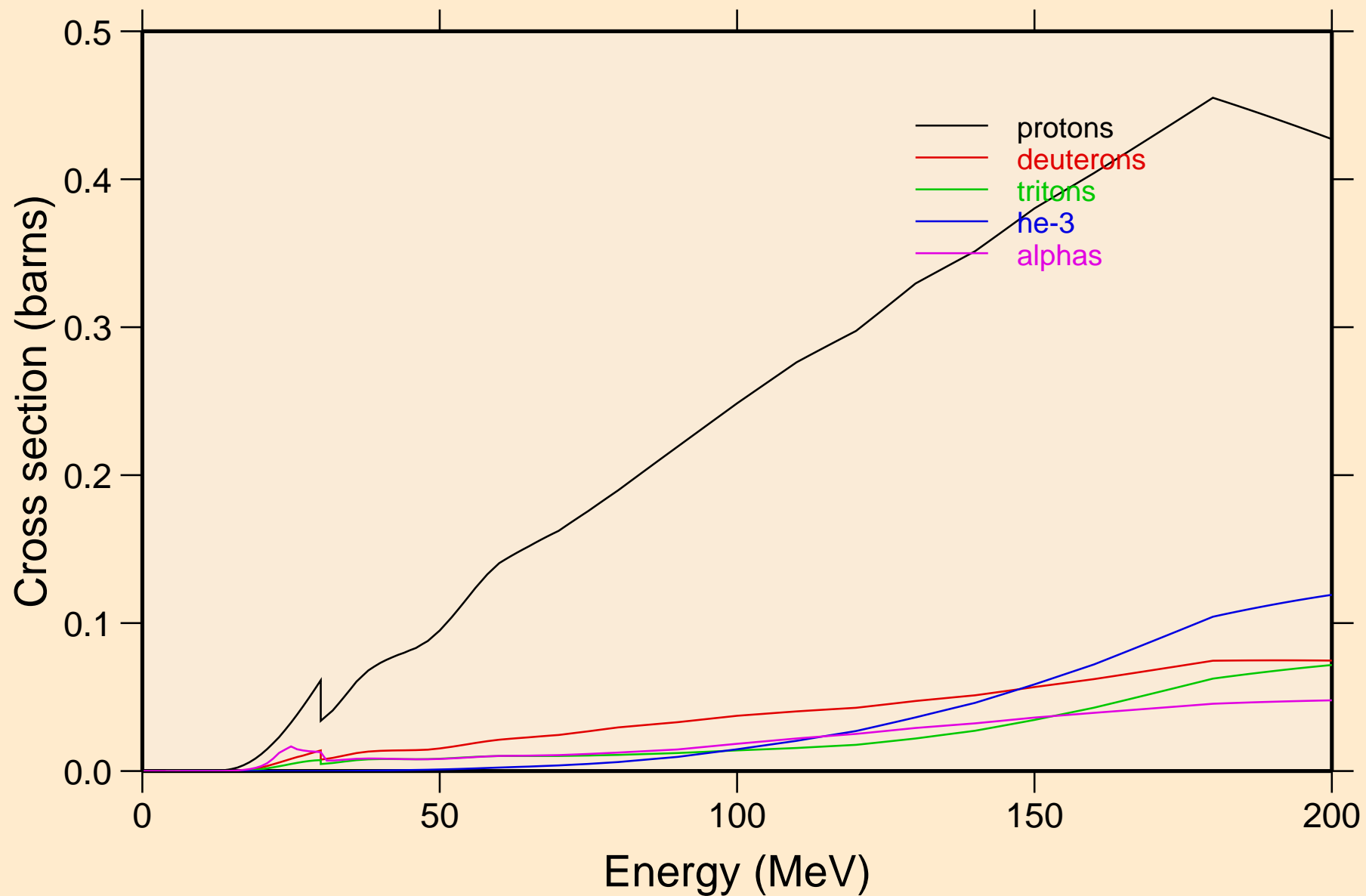


TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

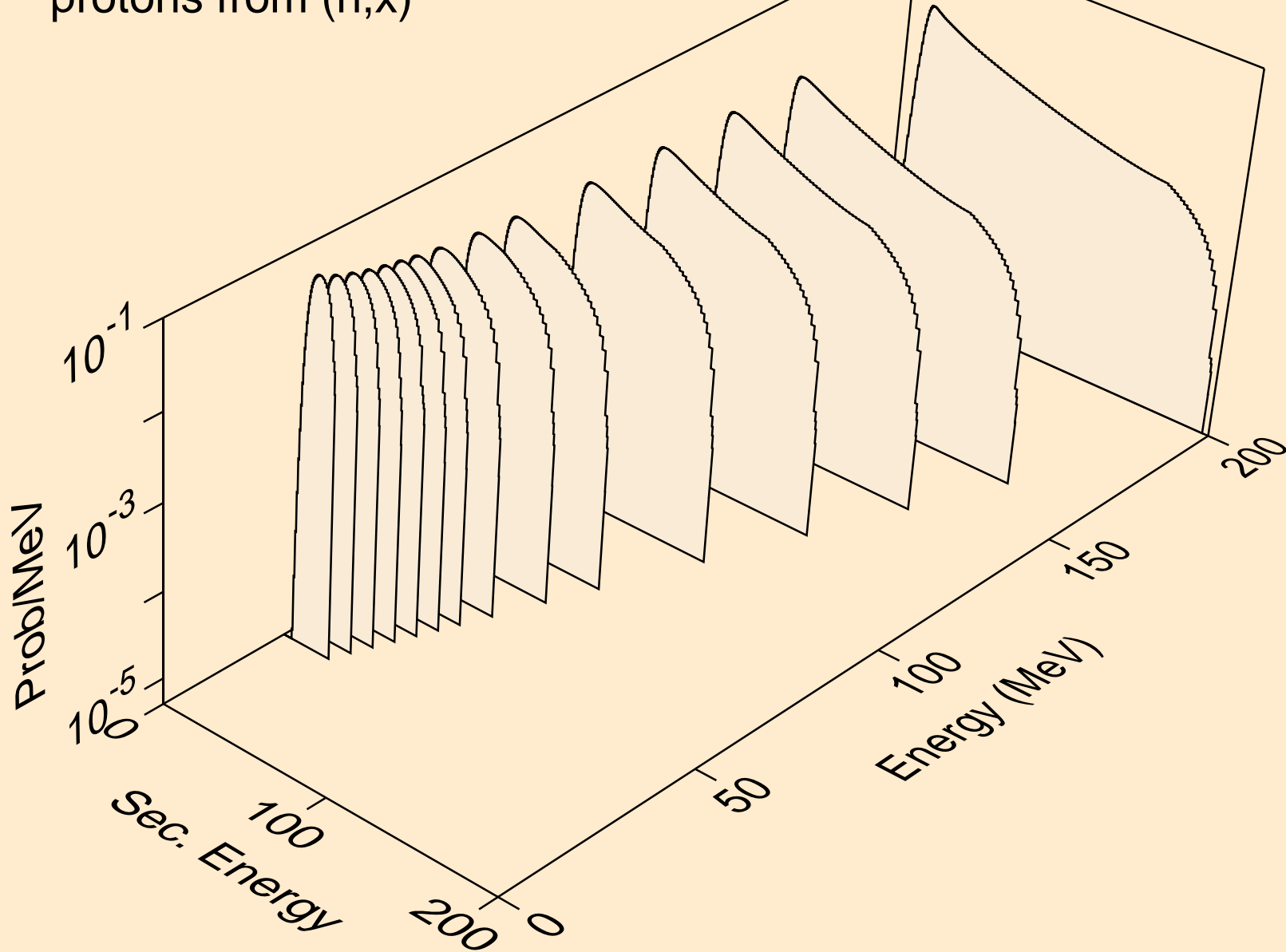


# TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

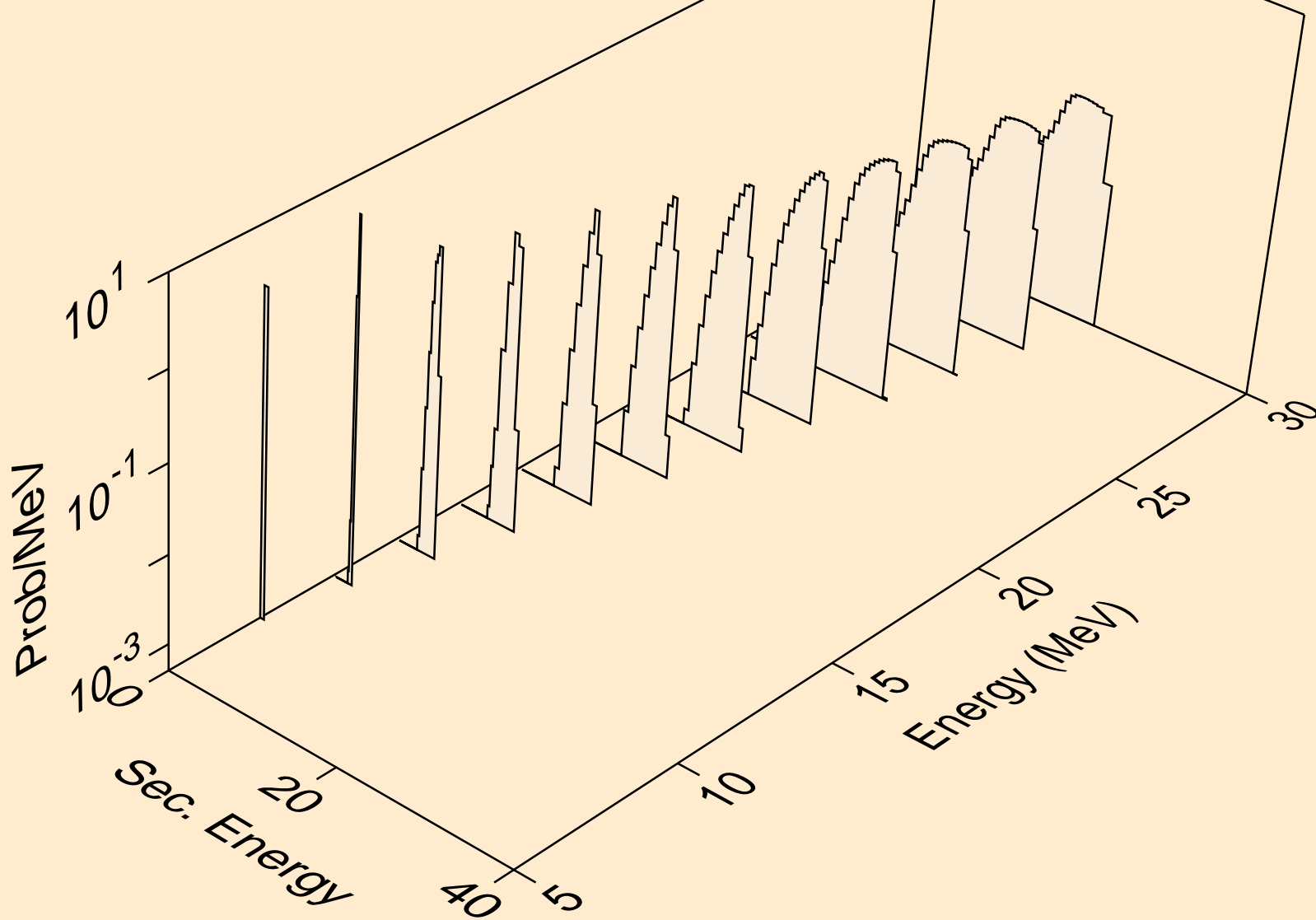
## Particle production cross sections



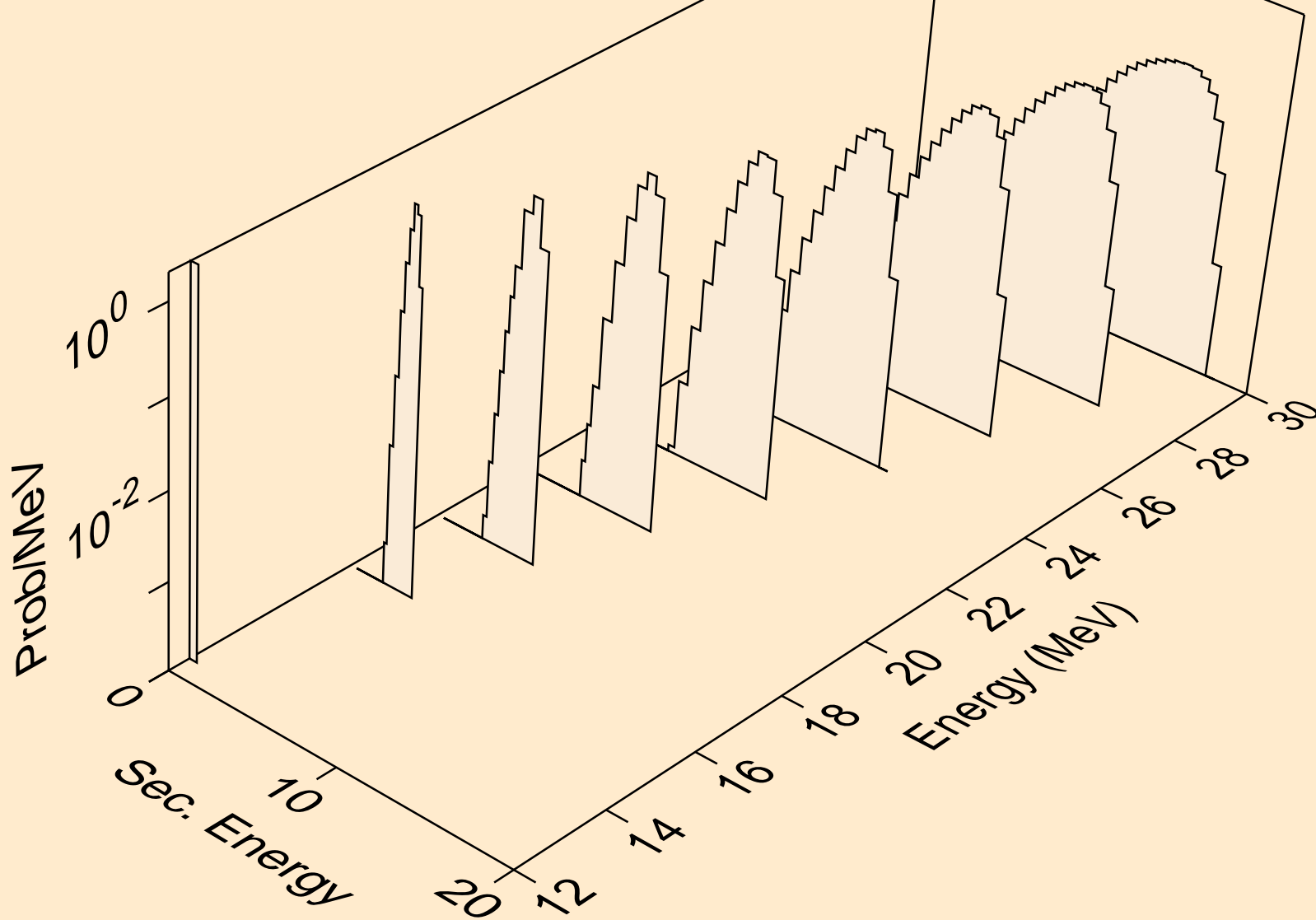
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



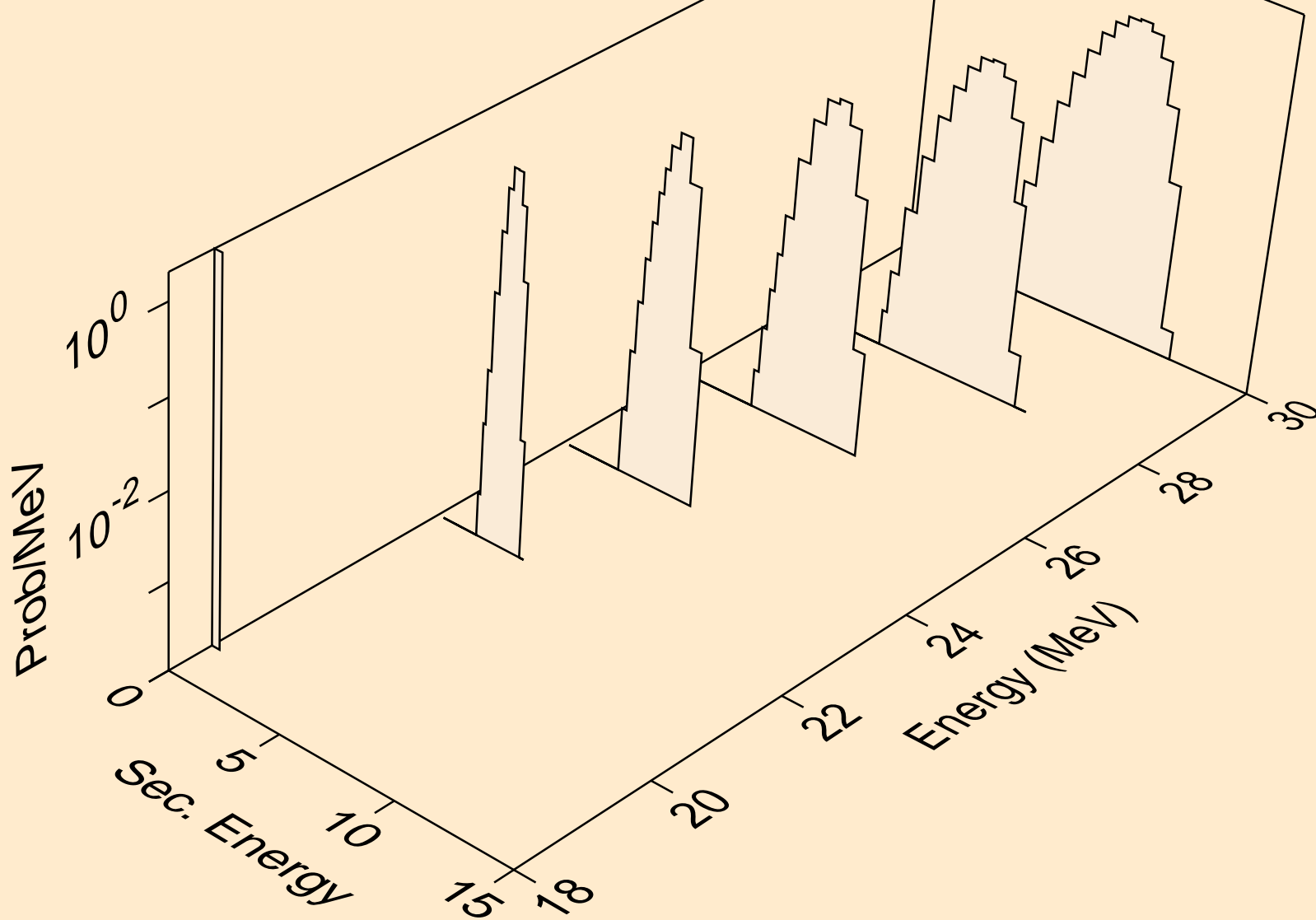
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



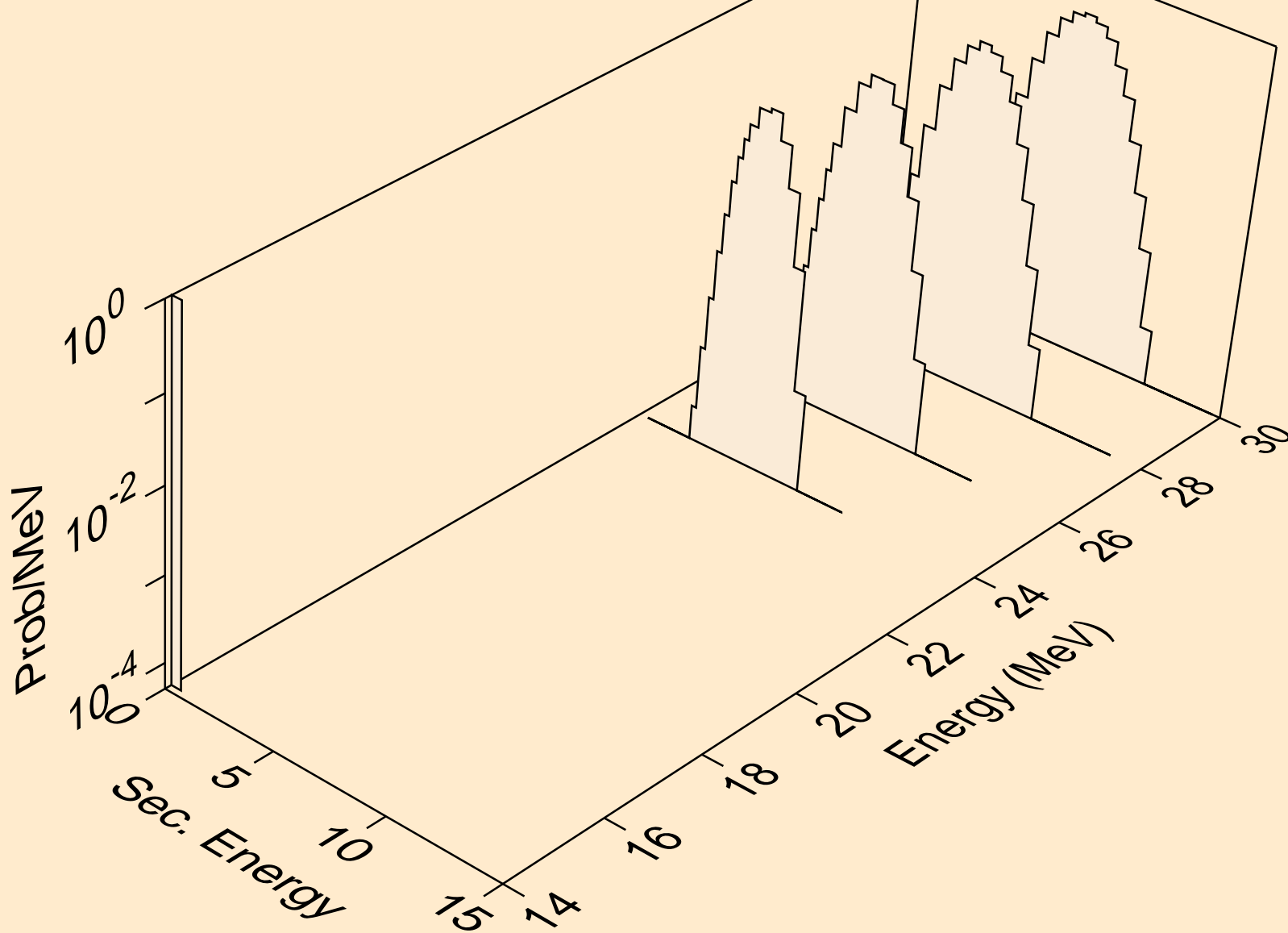
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



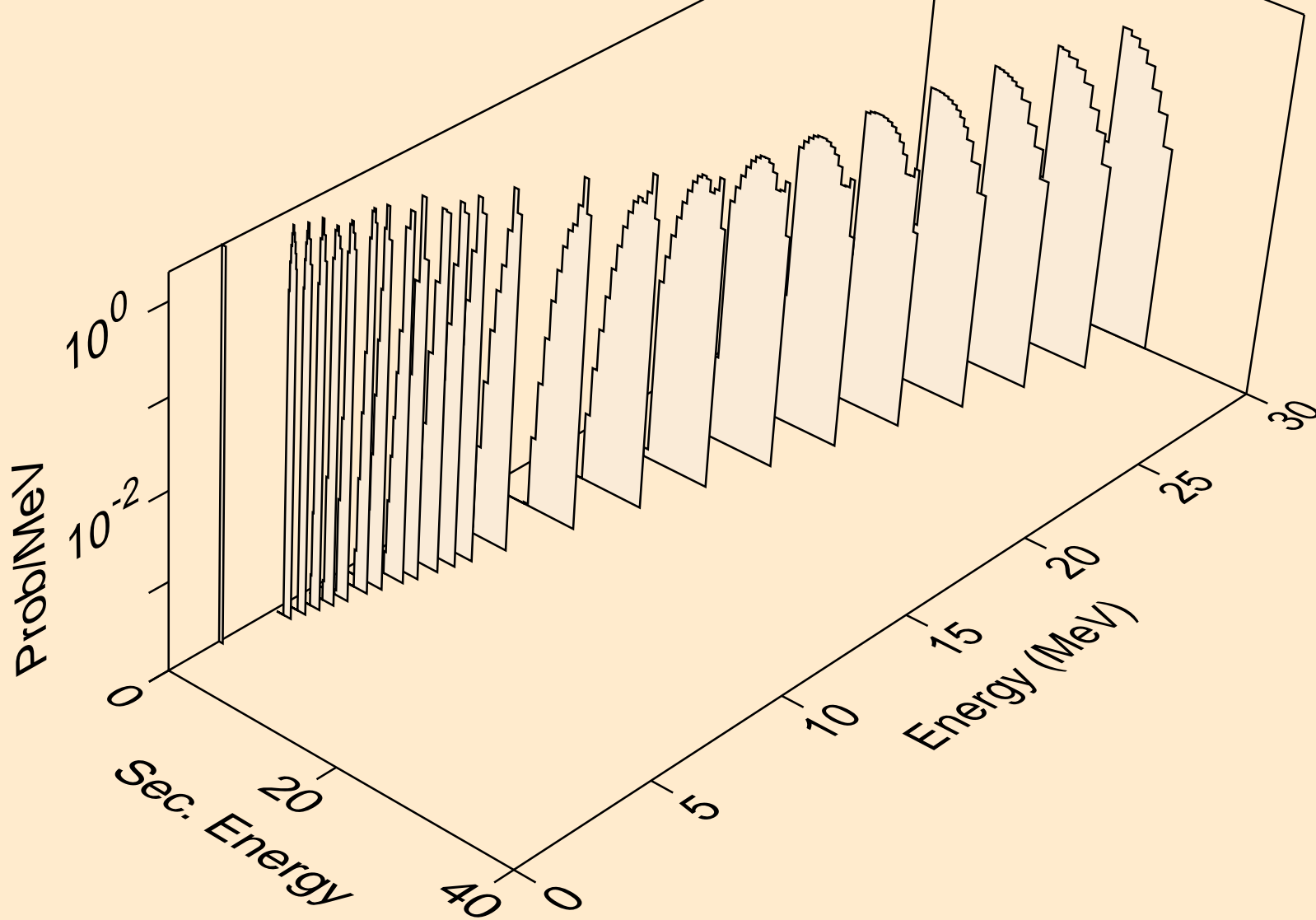
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



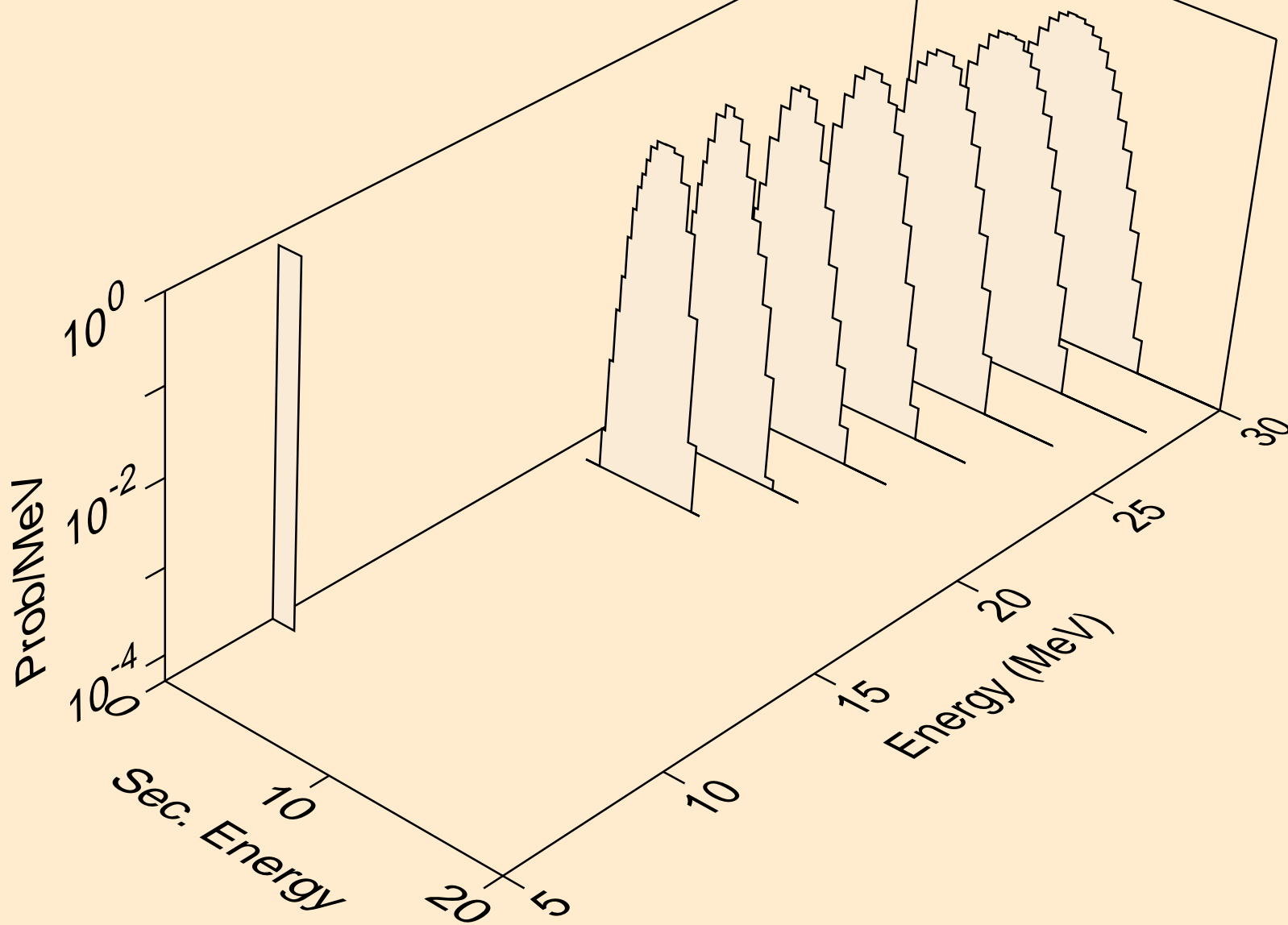
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



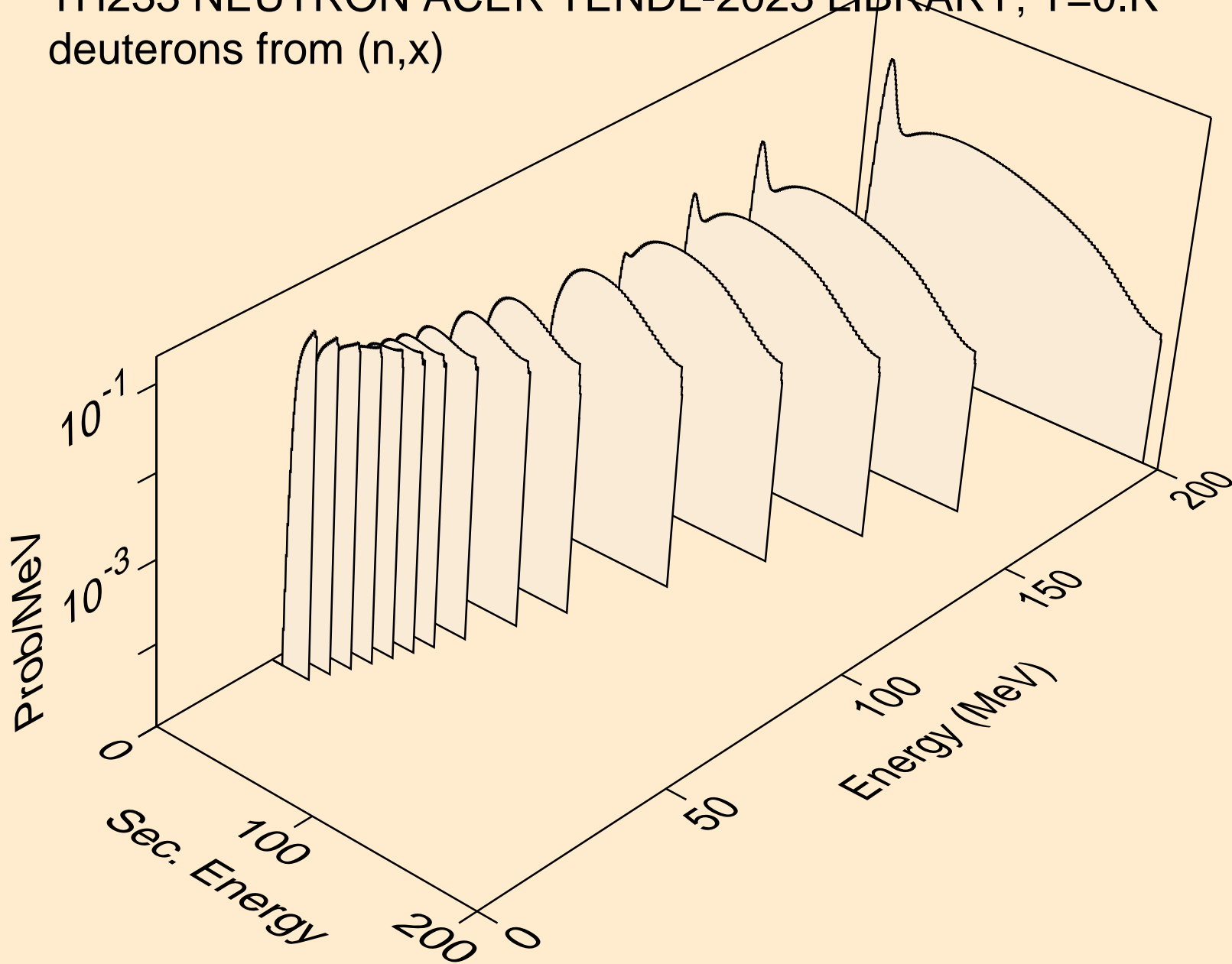
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



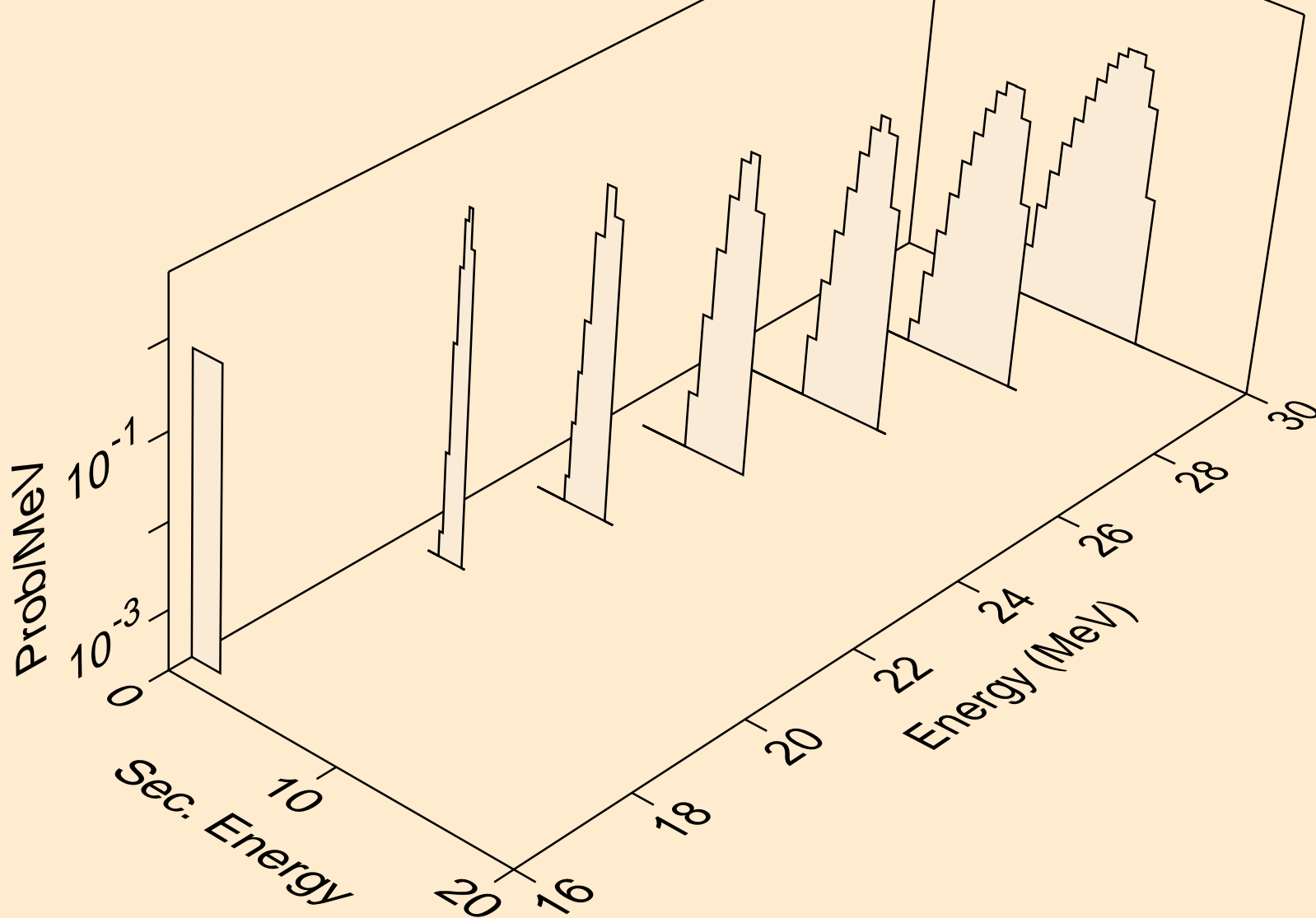
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



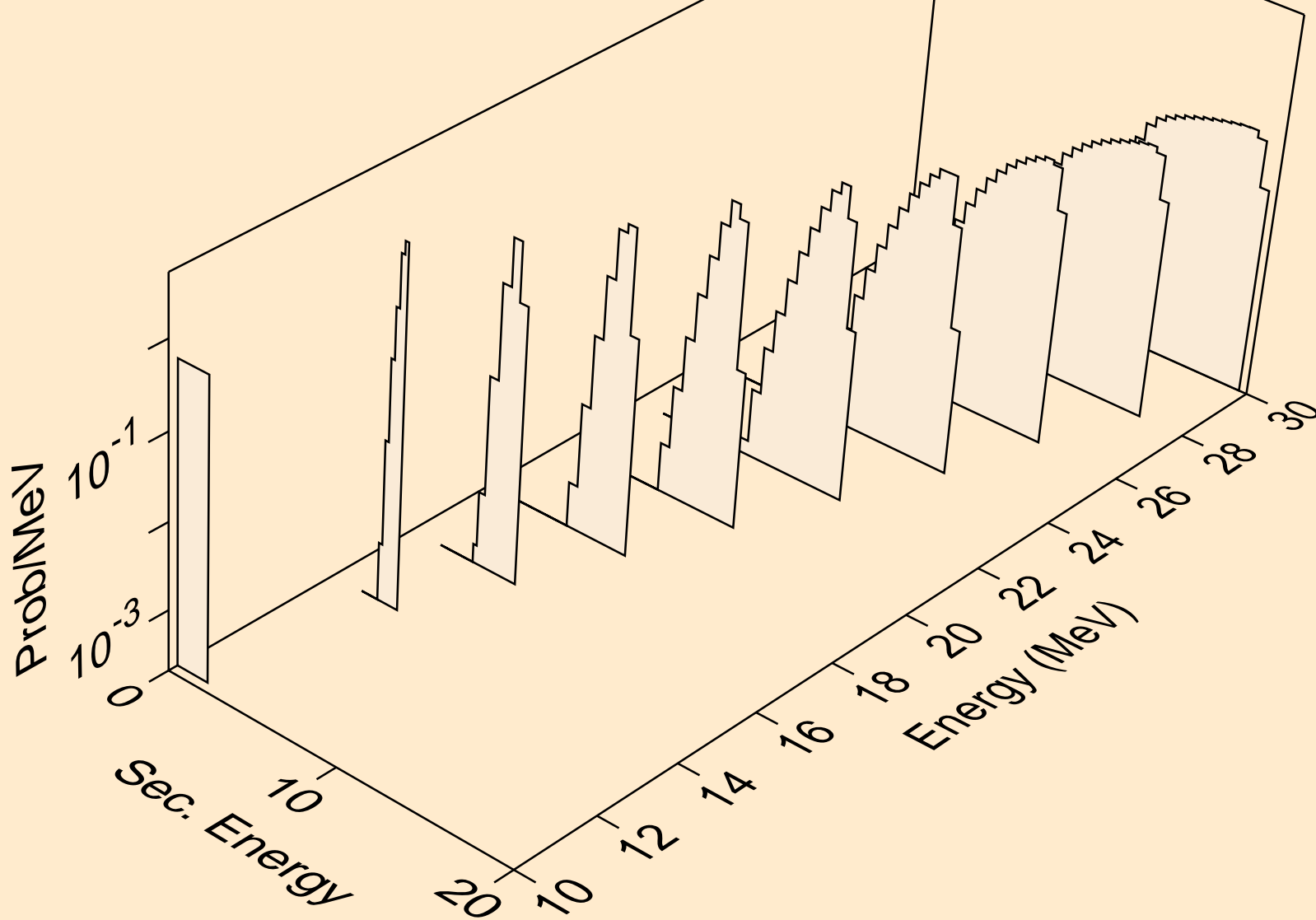
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



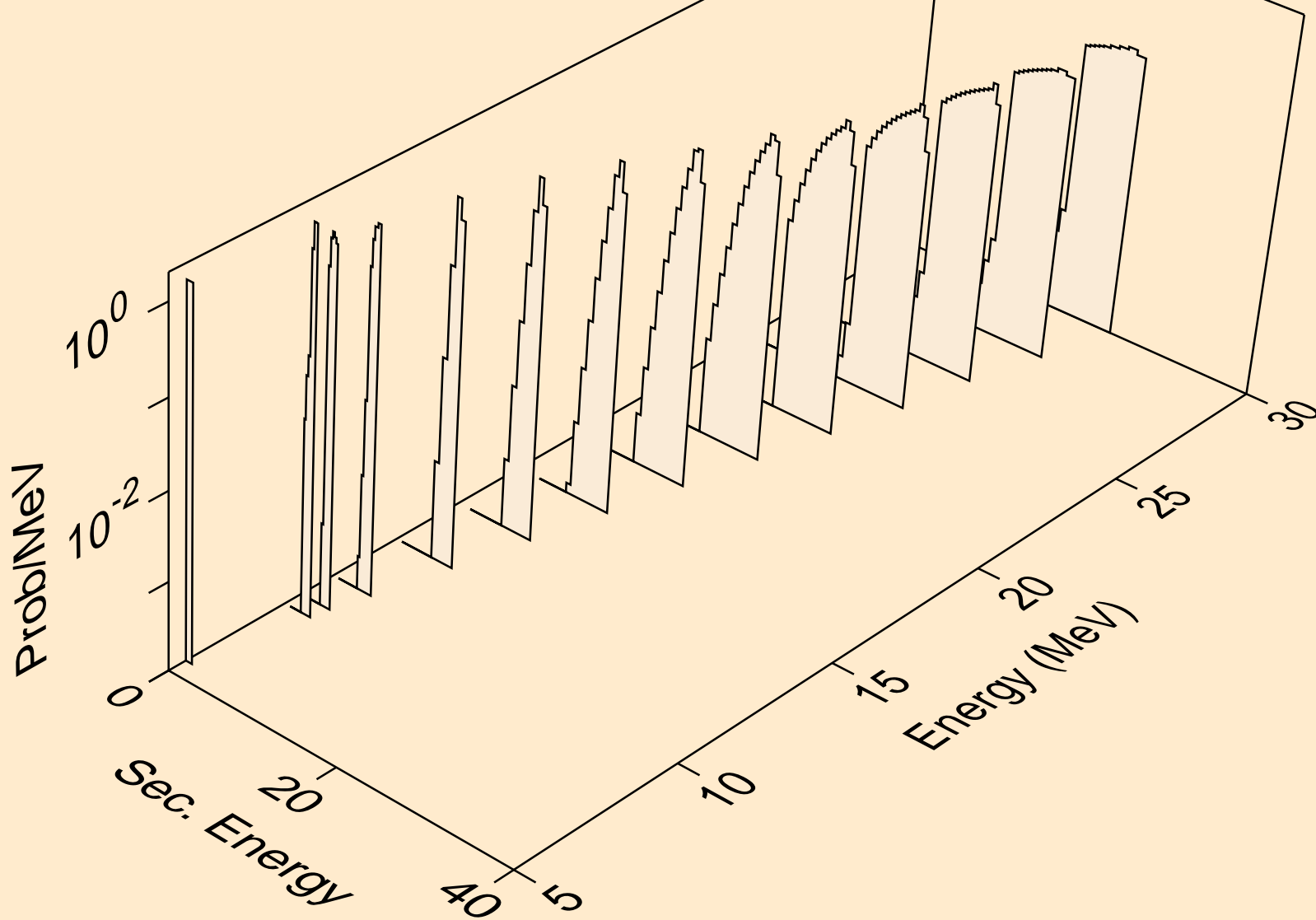
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



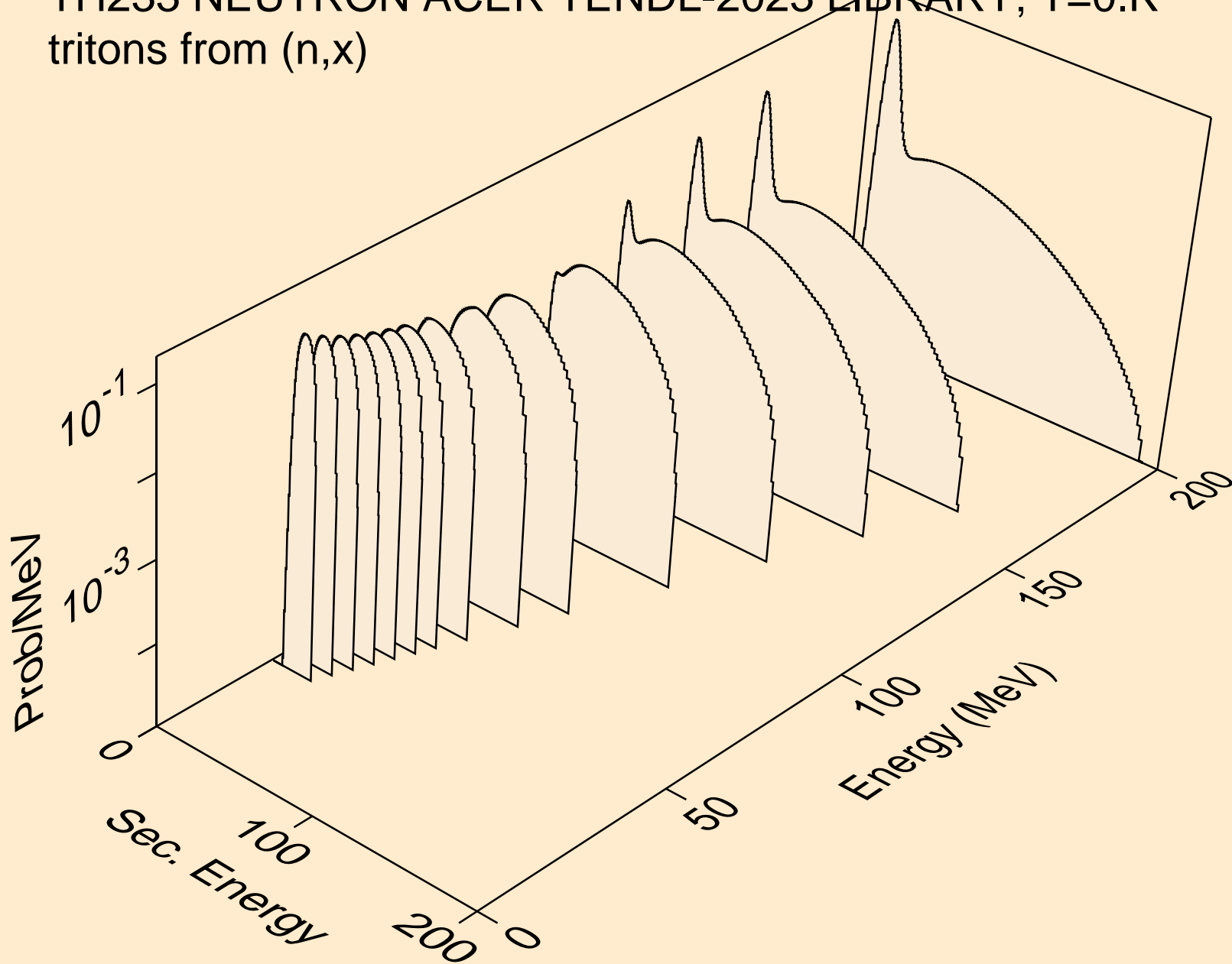
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



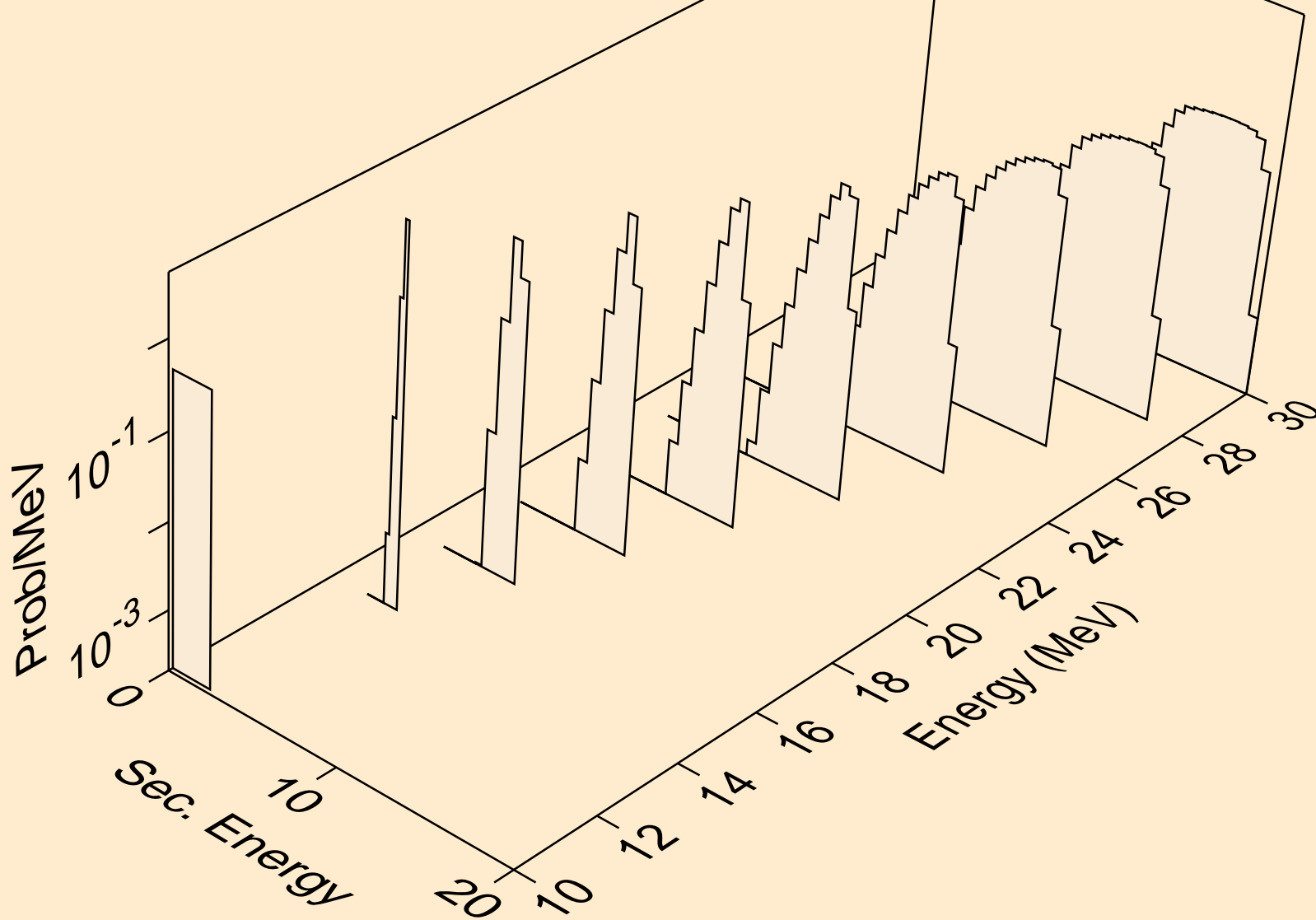
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



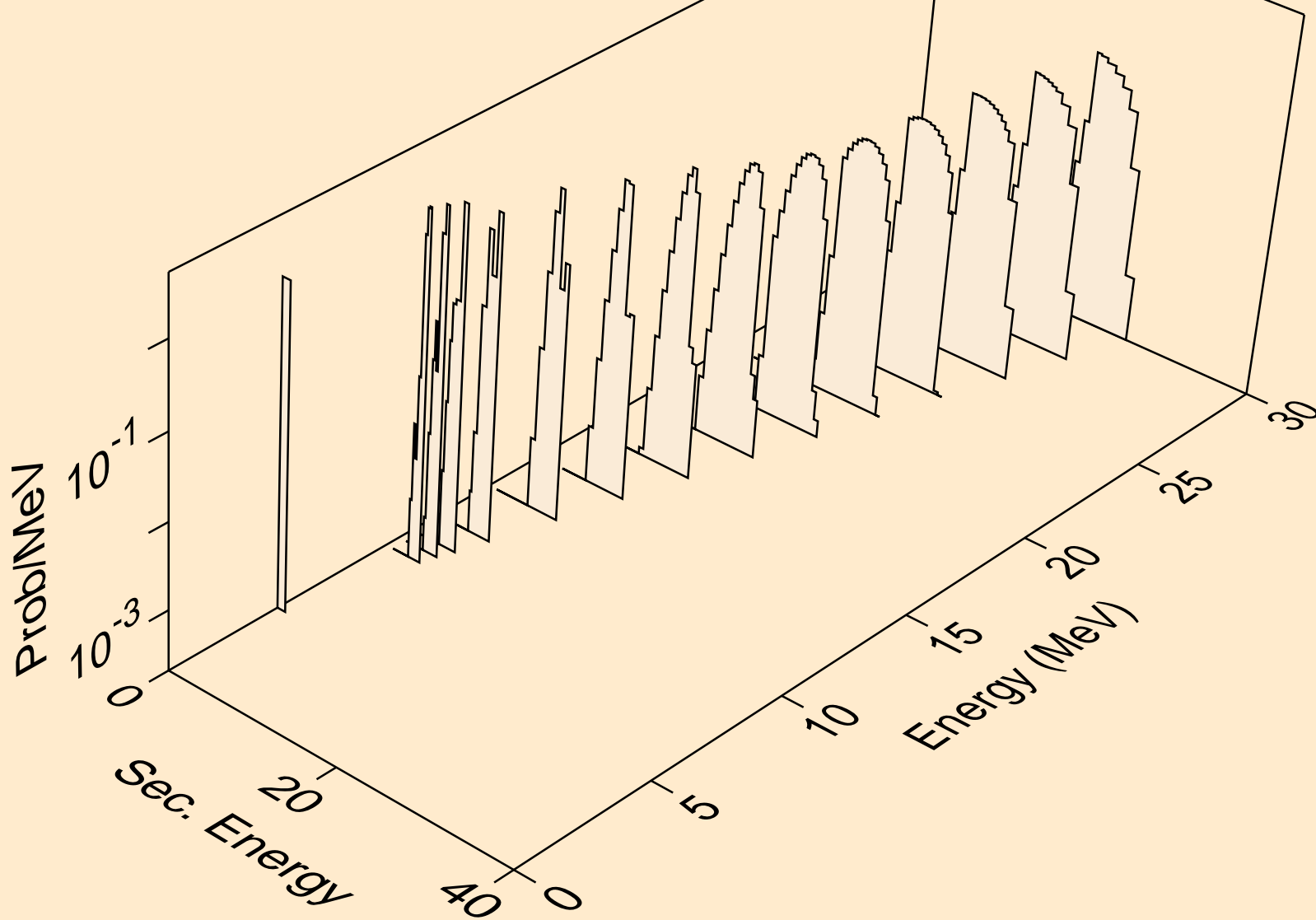
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



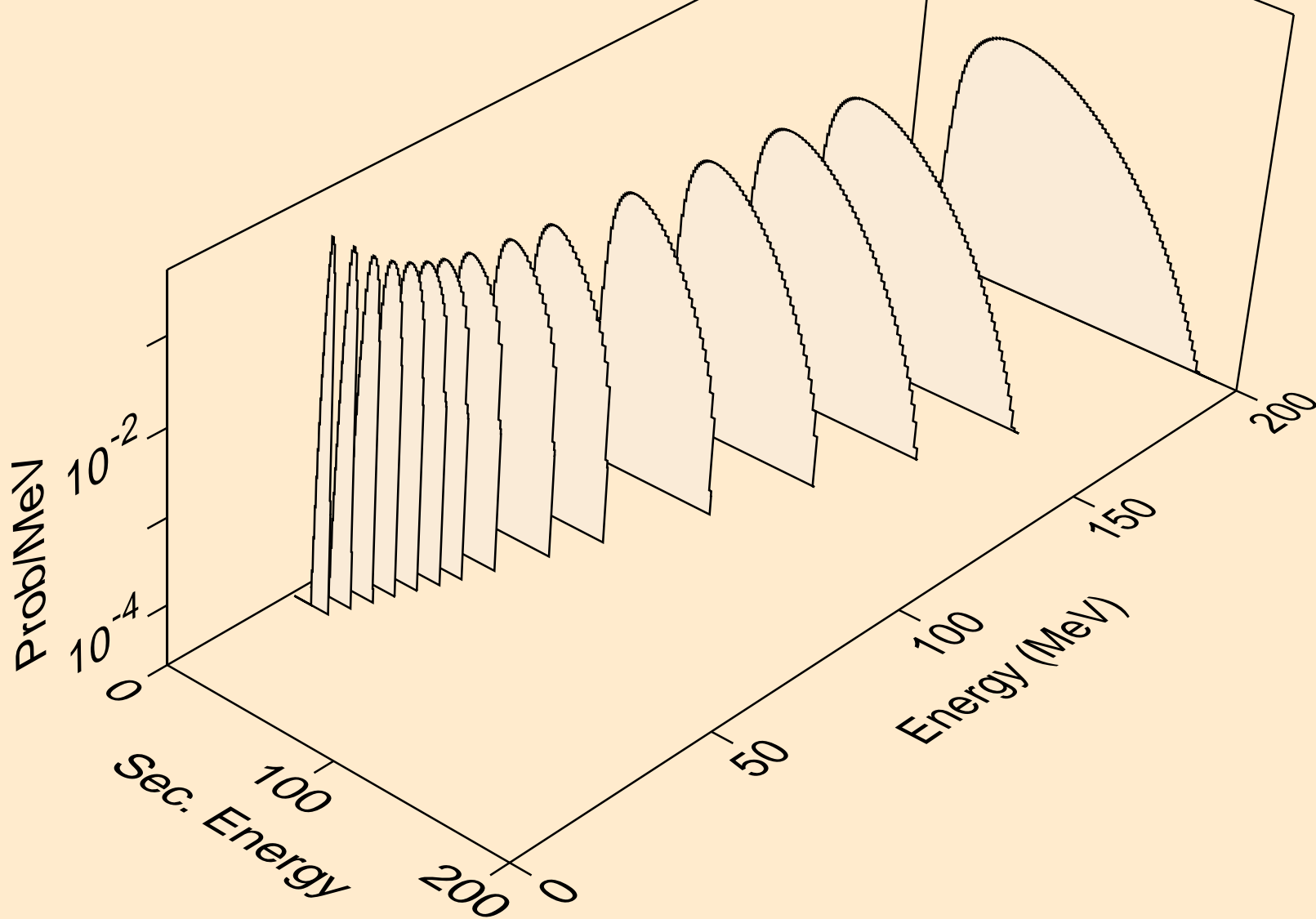
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



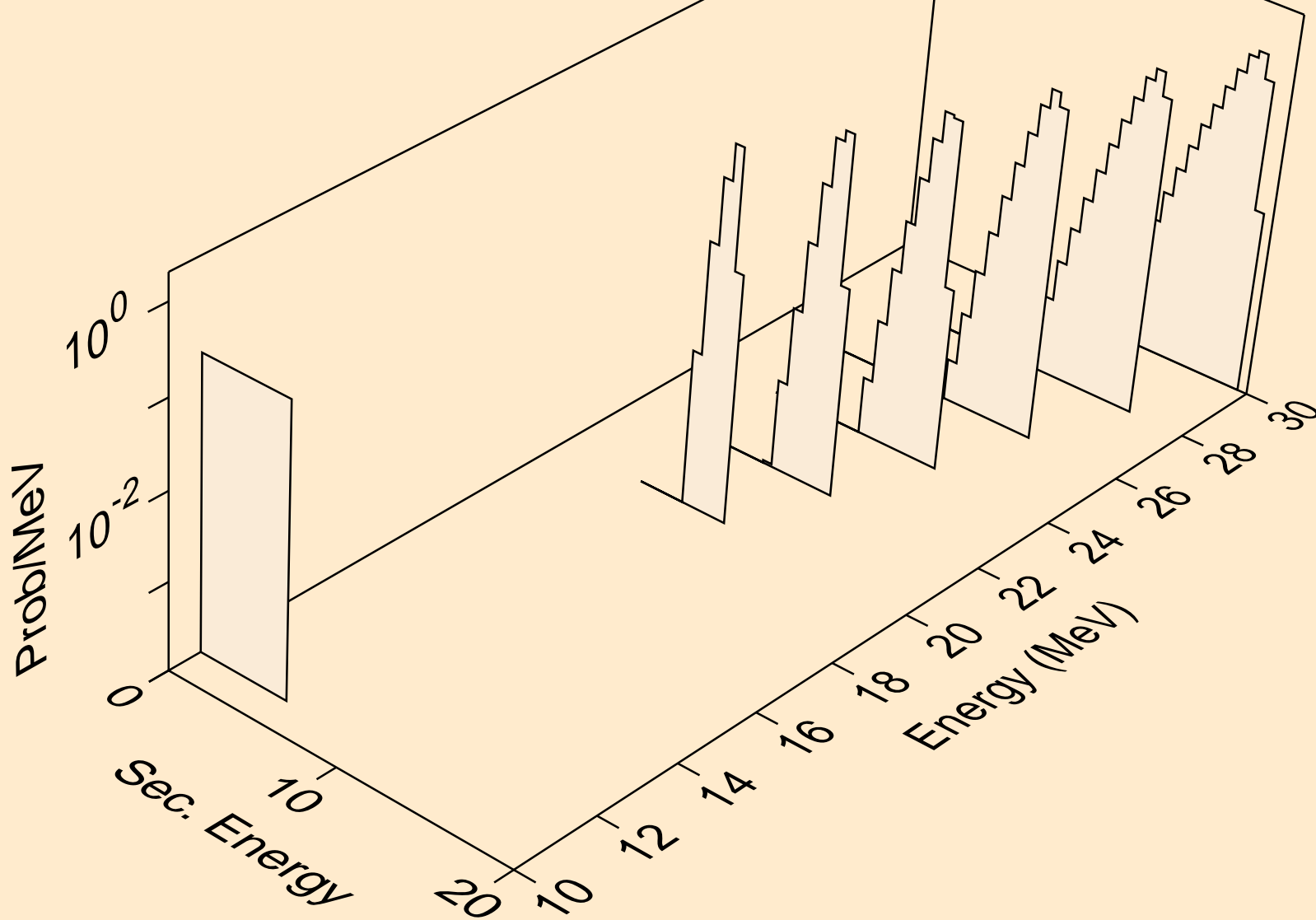
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



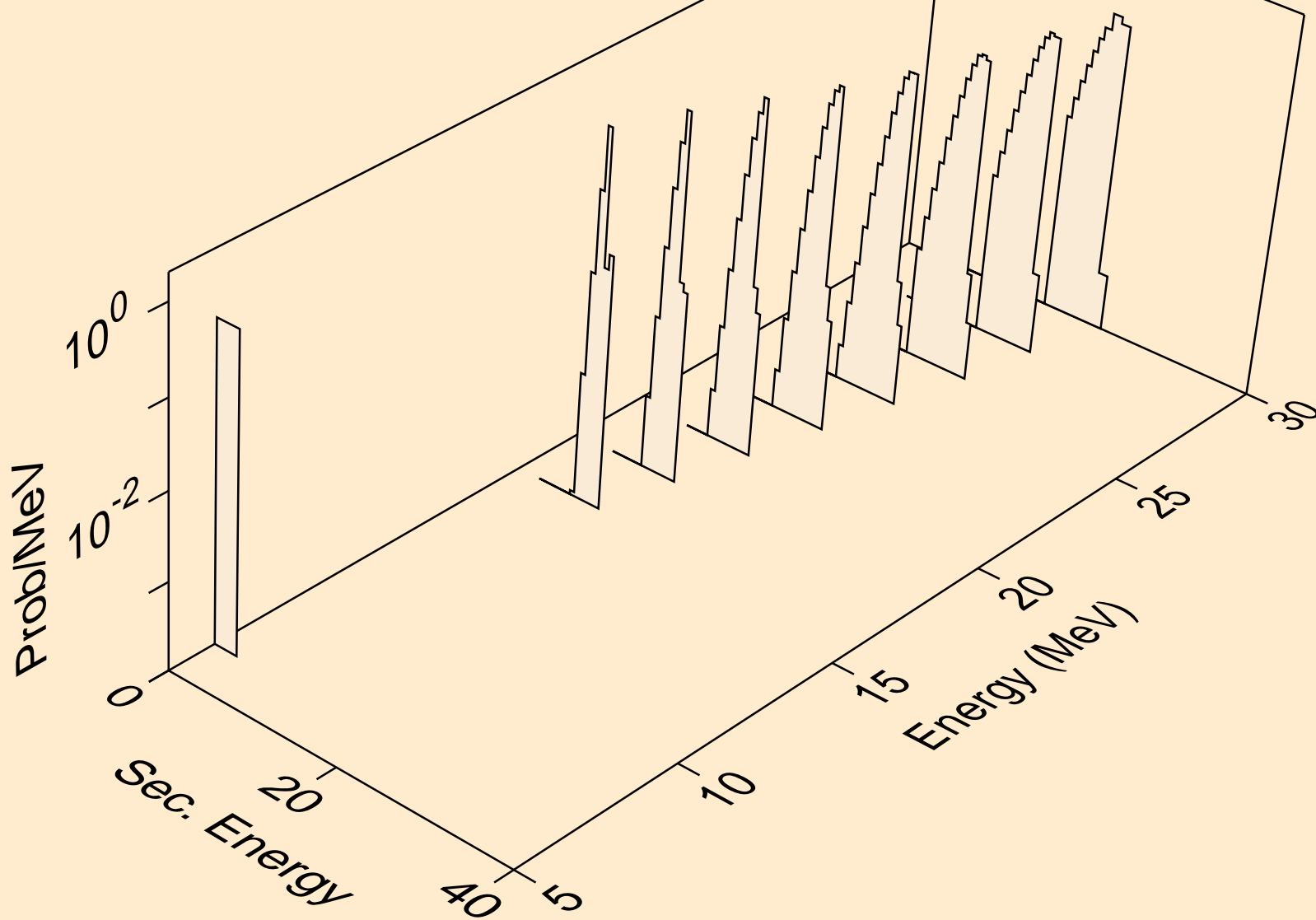
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



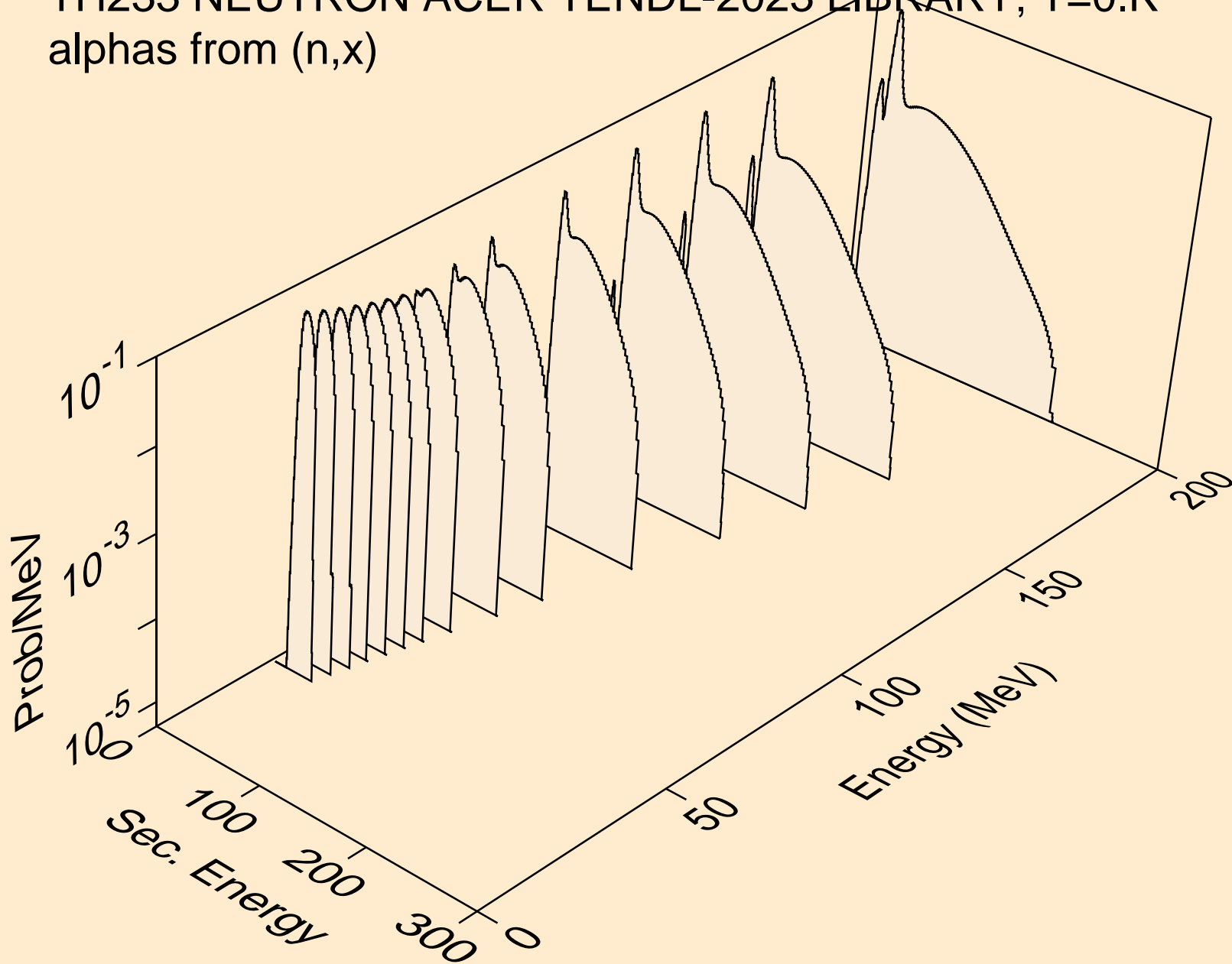
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



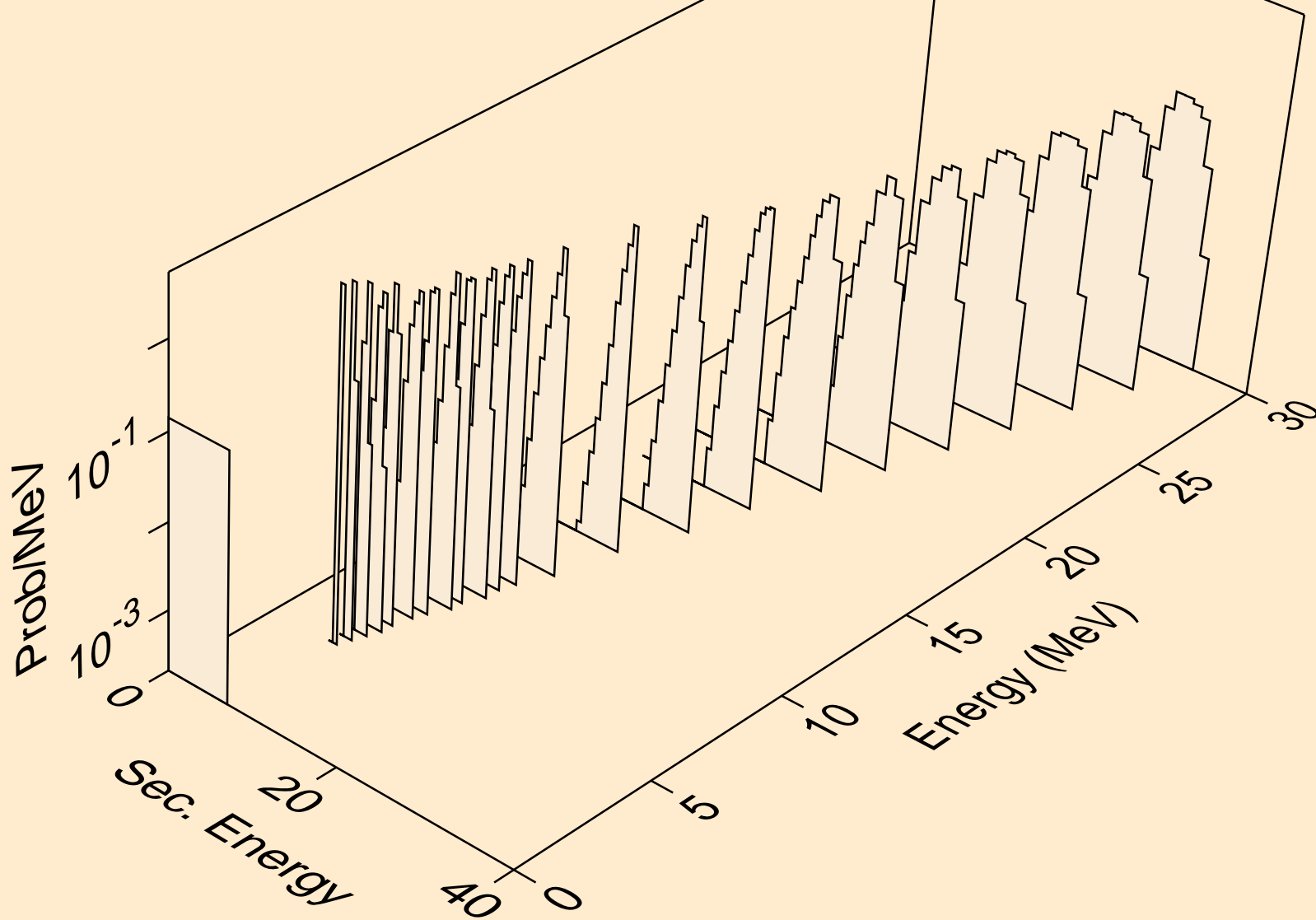
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



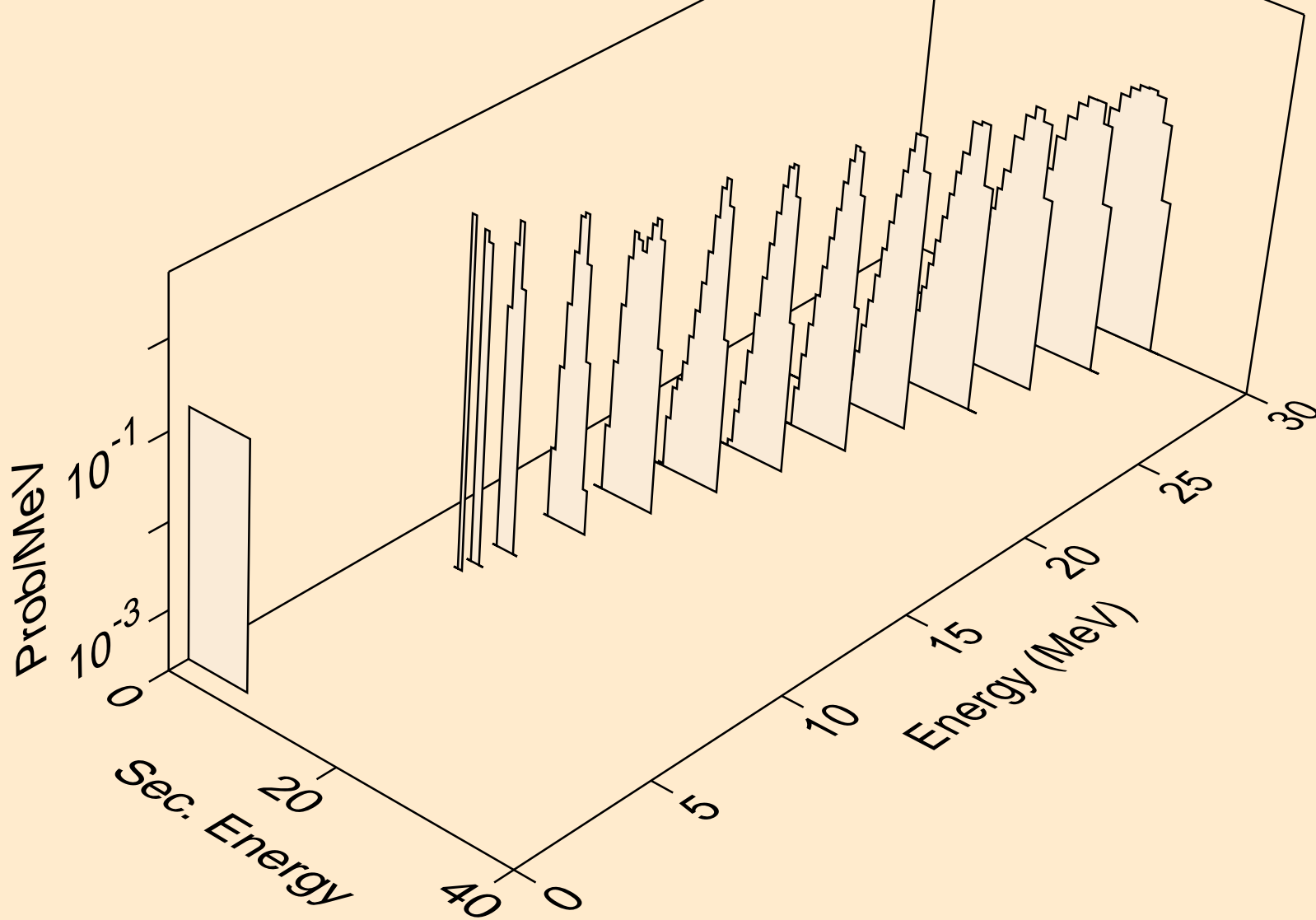
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



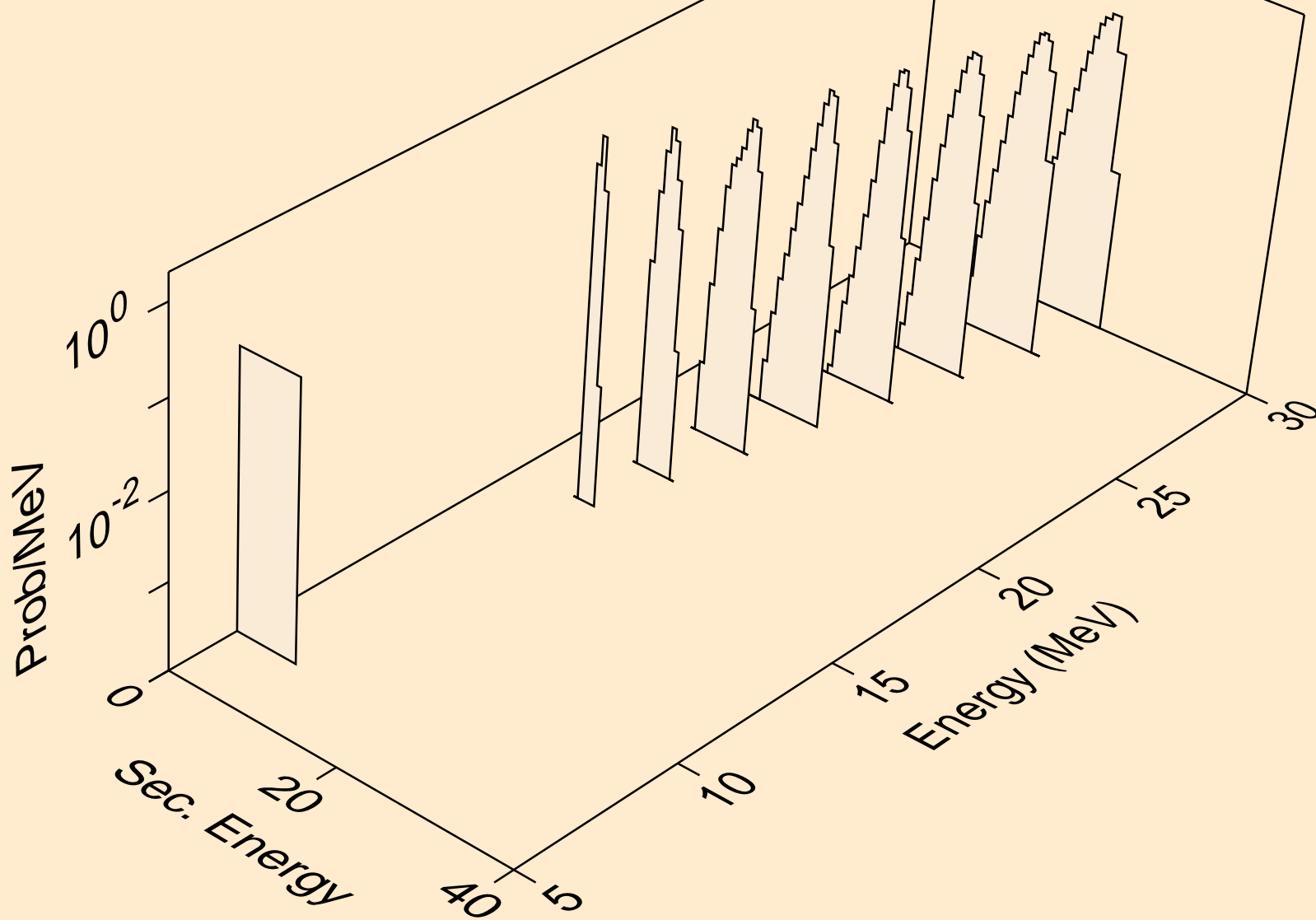
TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



TH233 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

