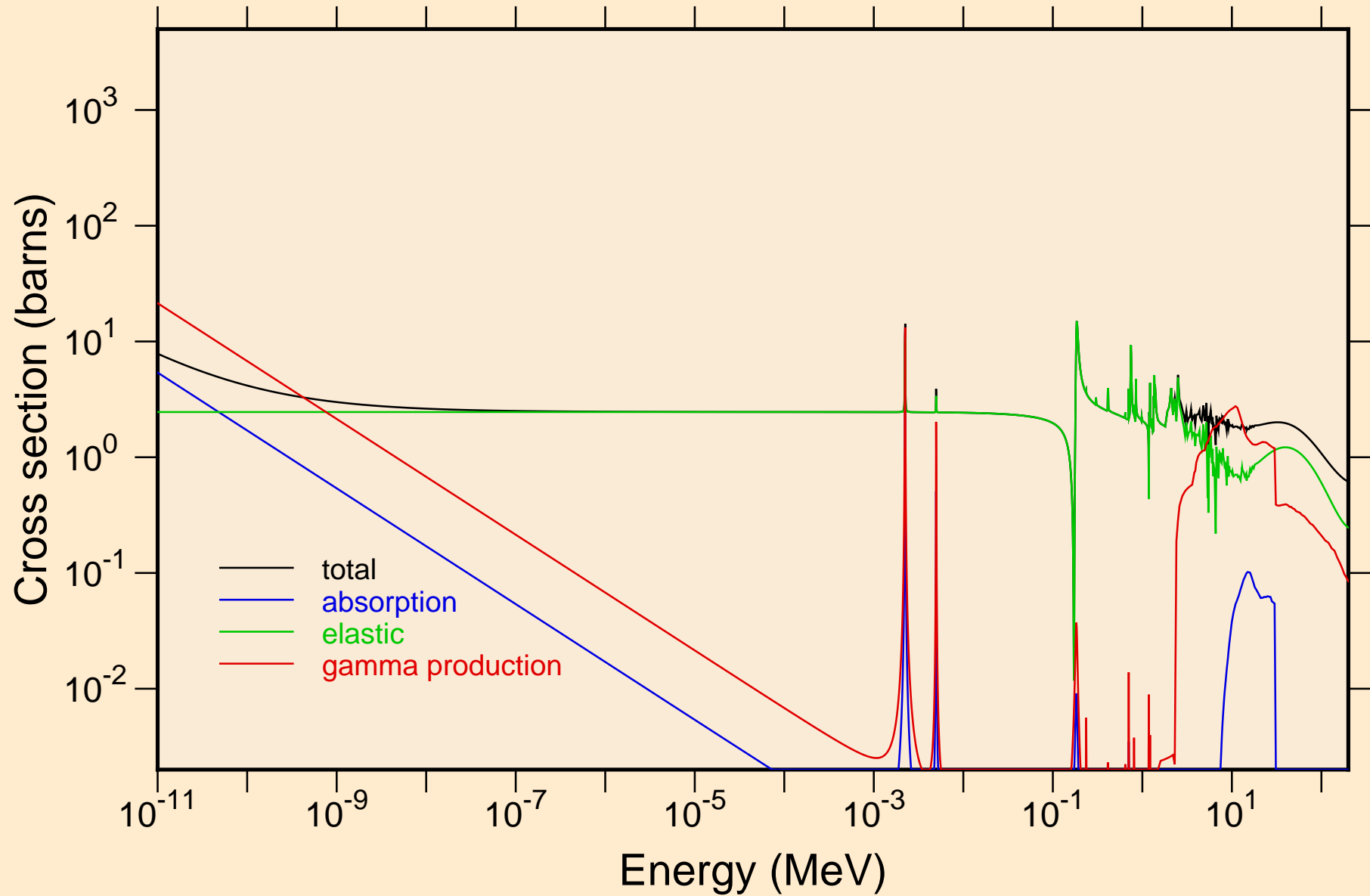
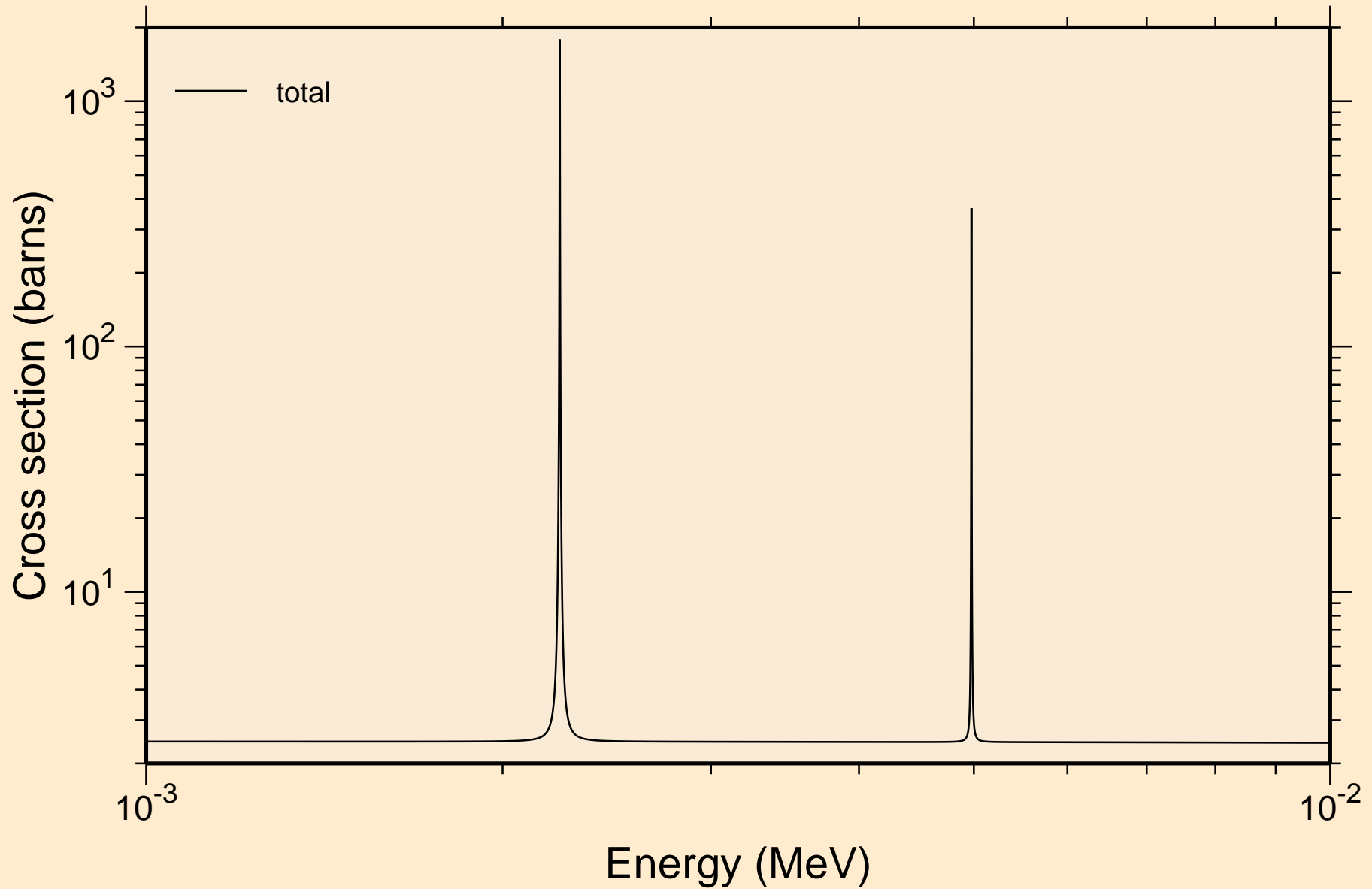


# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

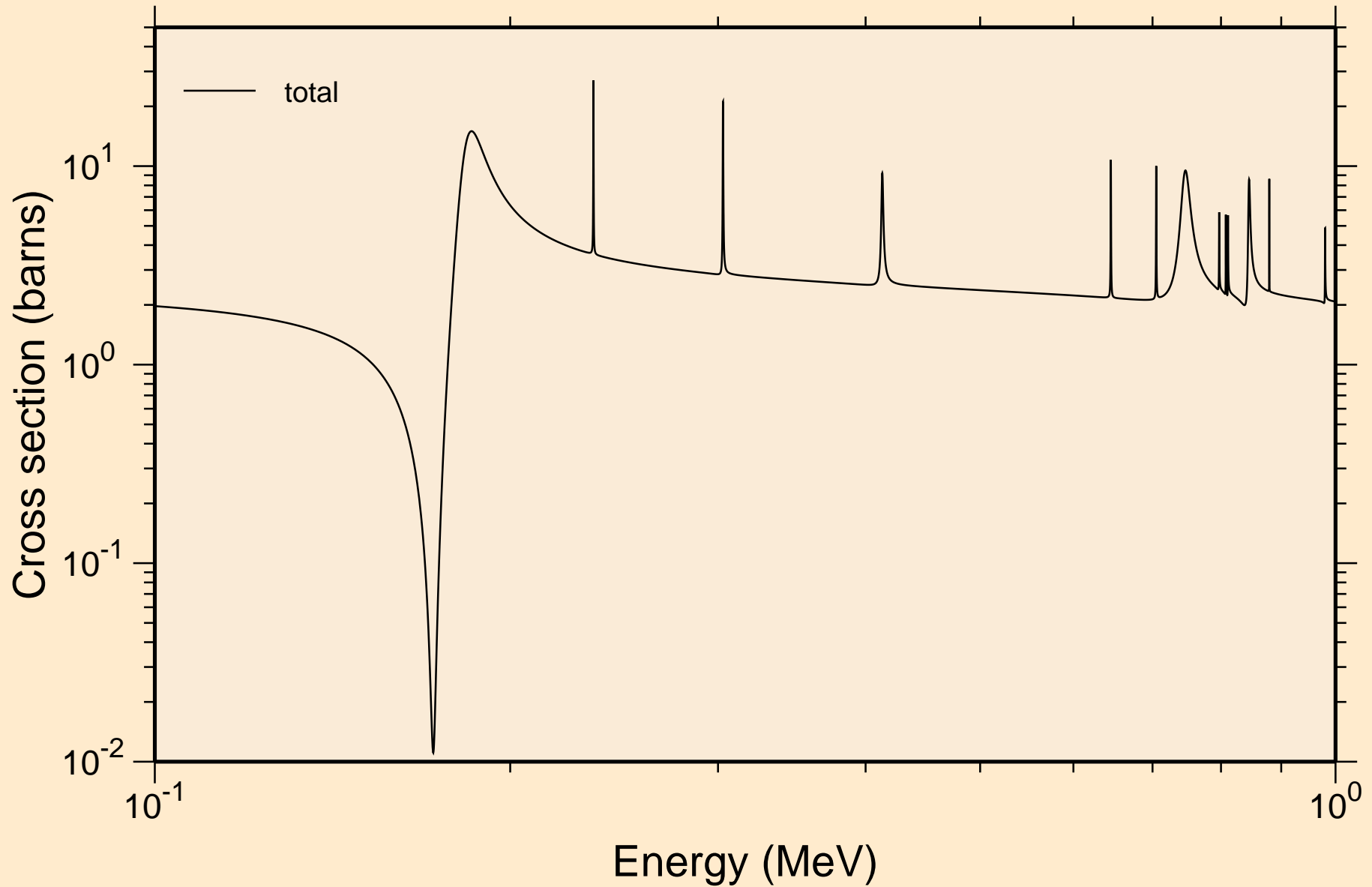
## Principal cross sections



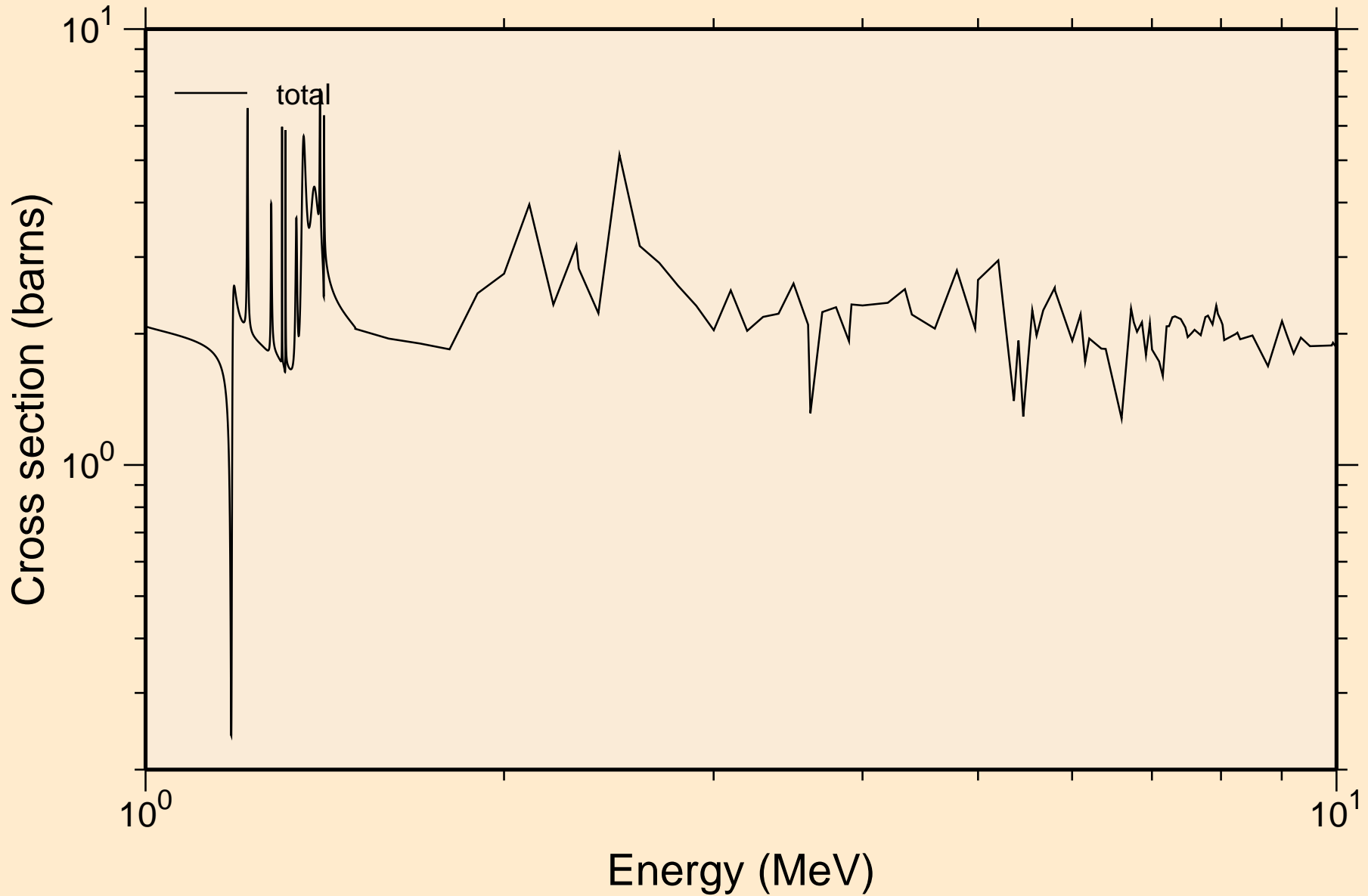
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



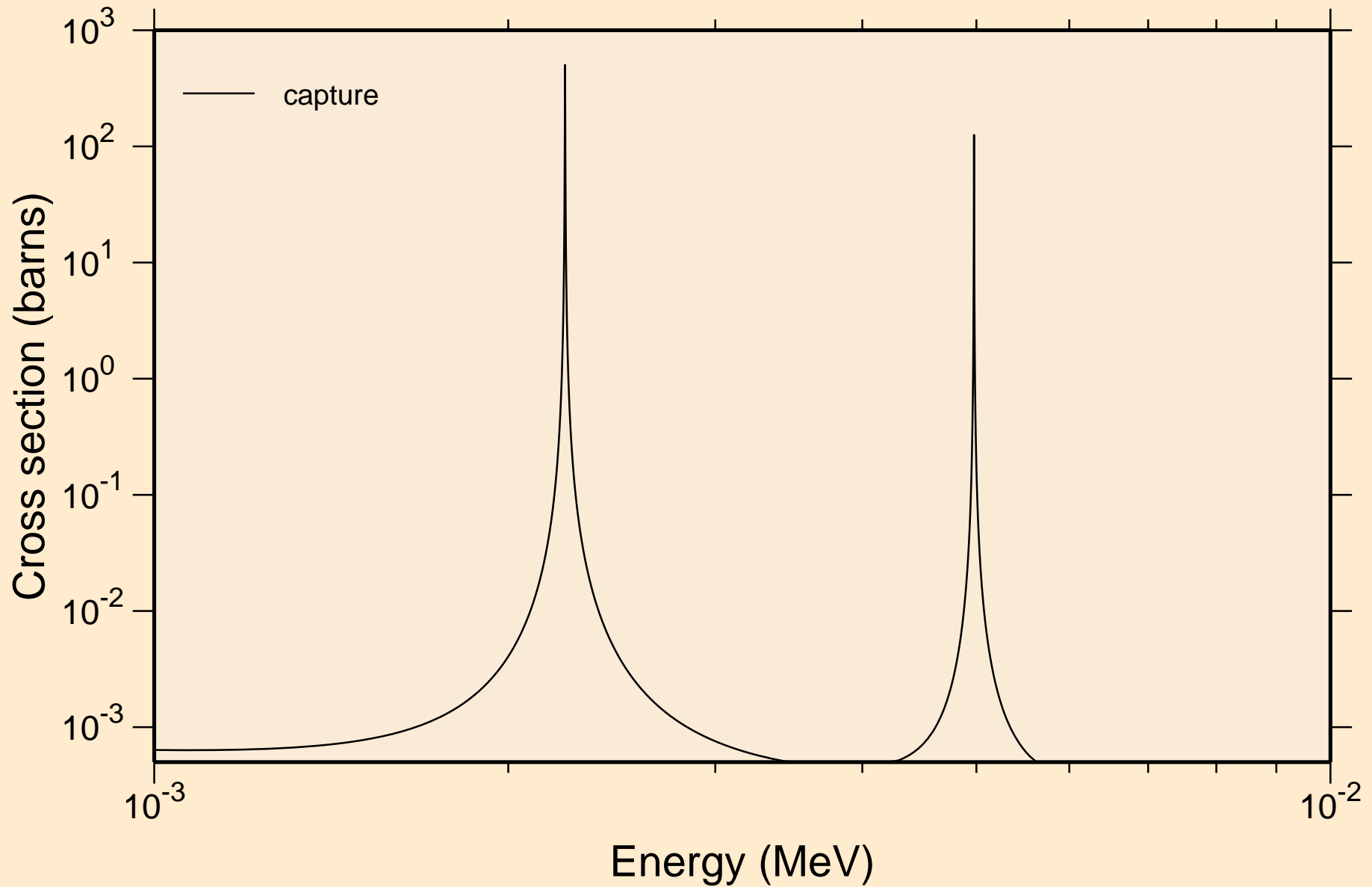
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



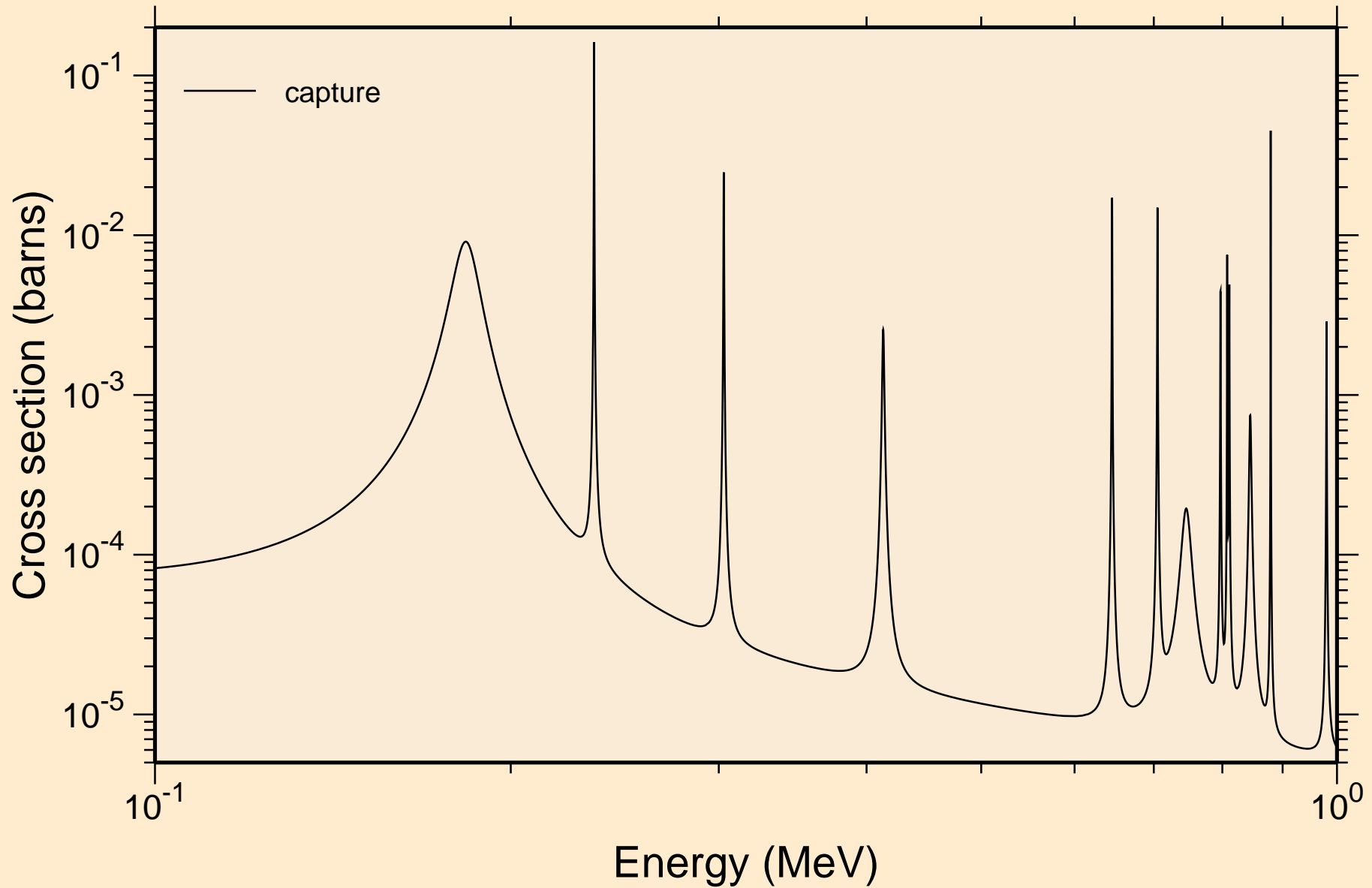
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



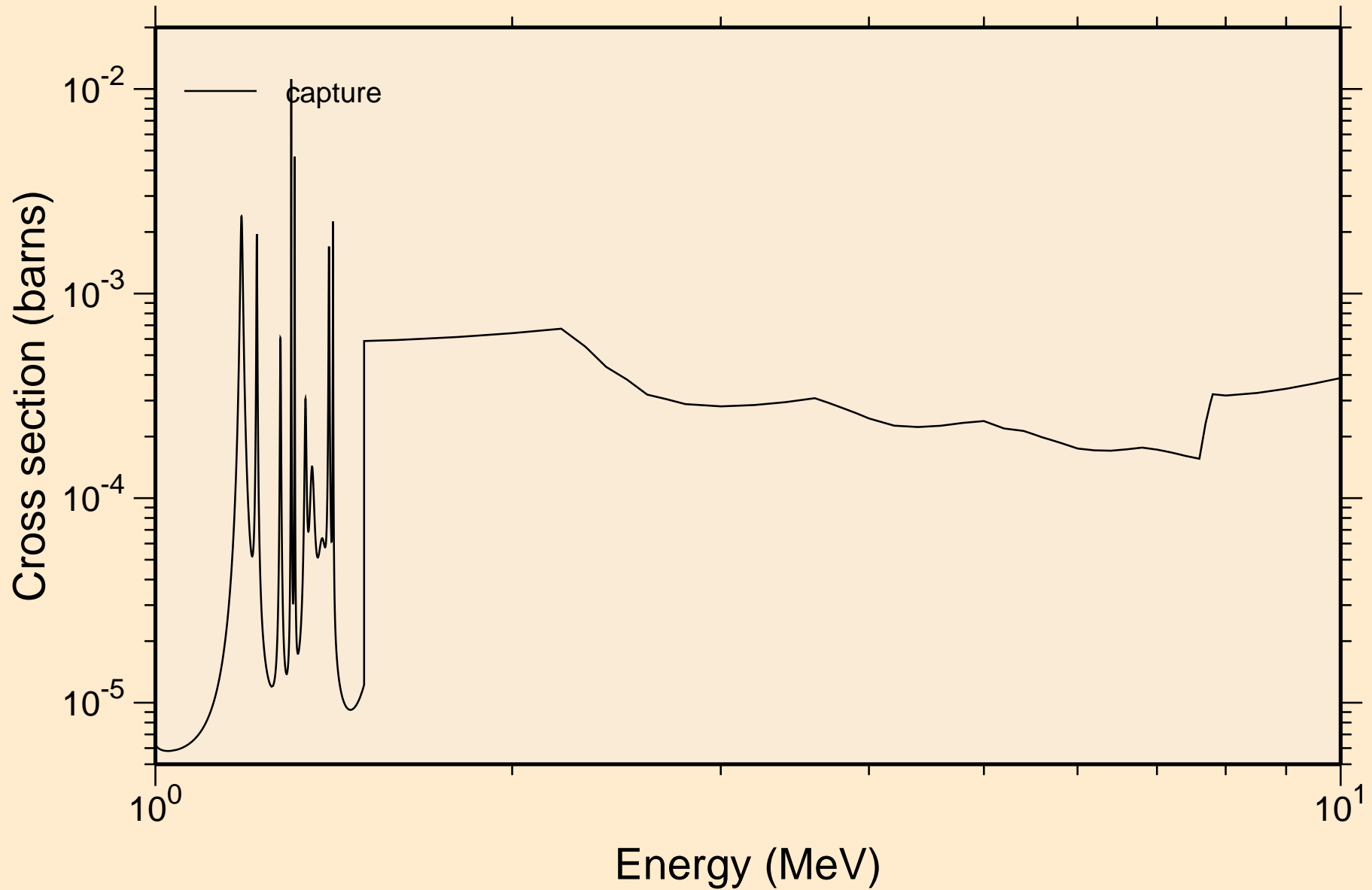
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

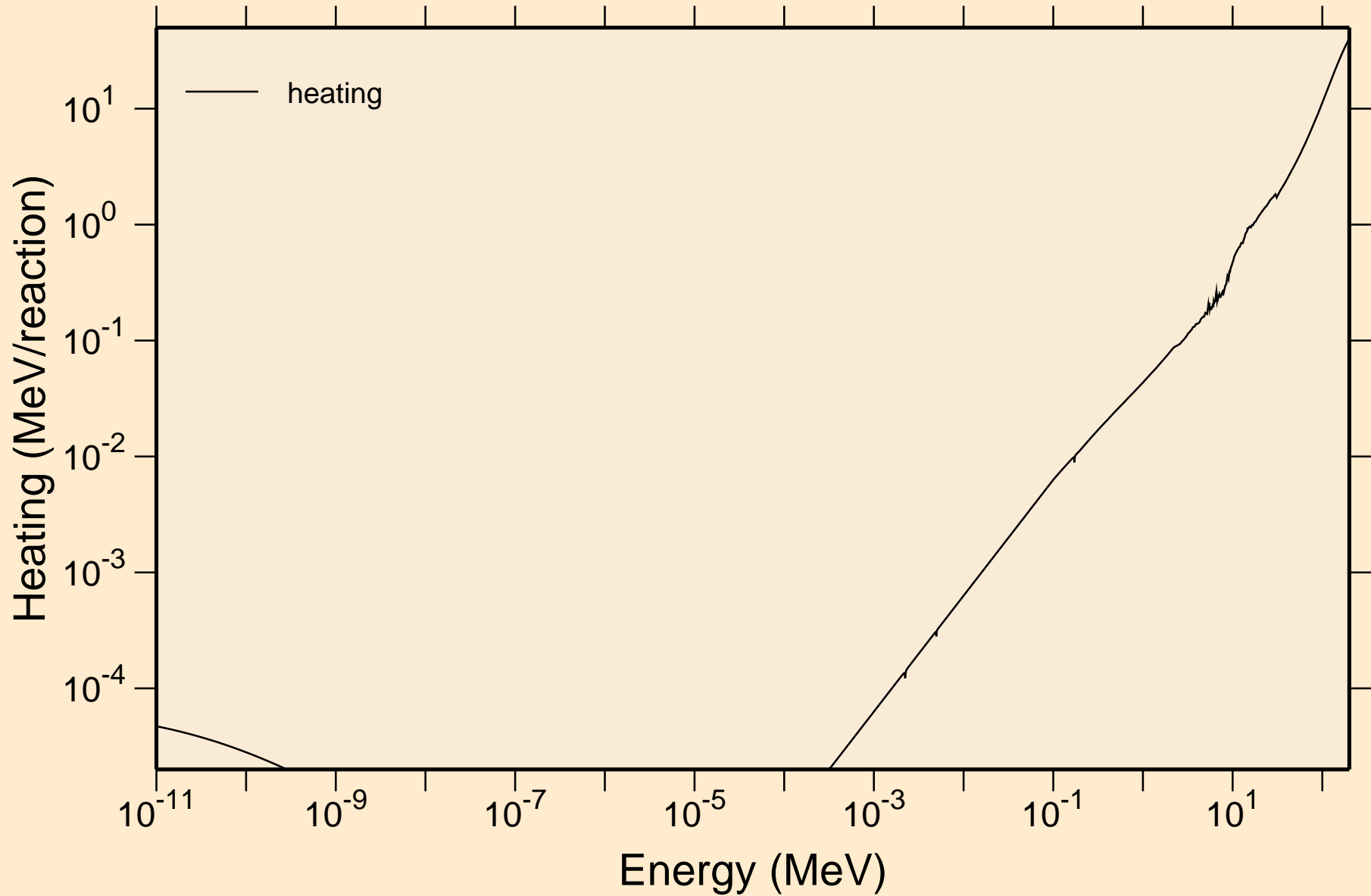


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



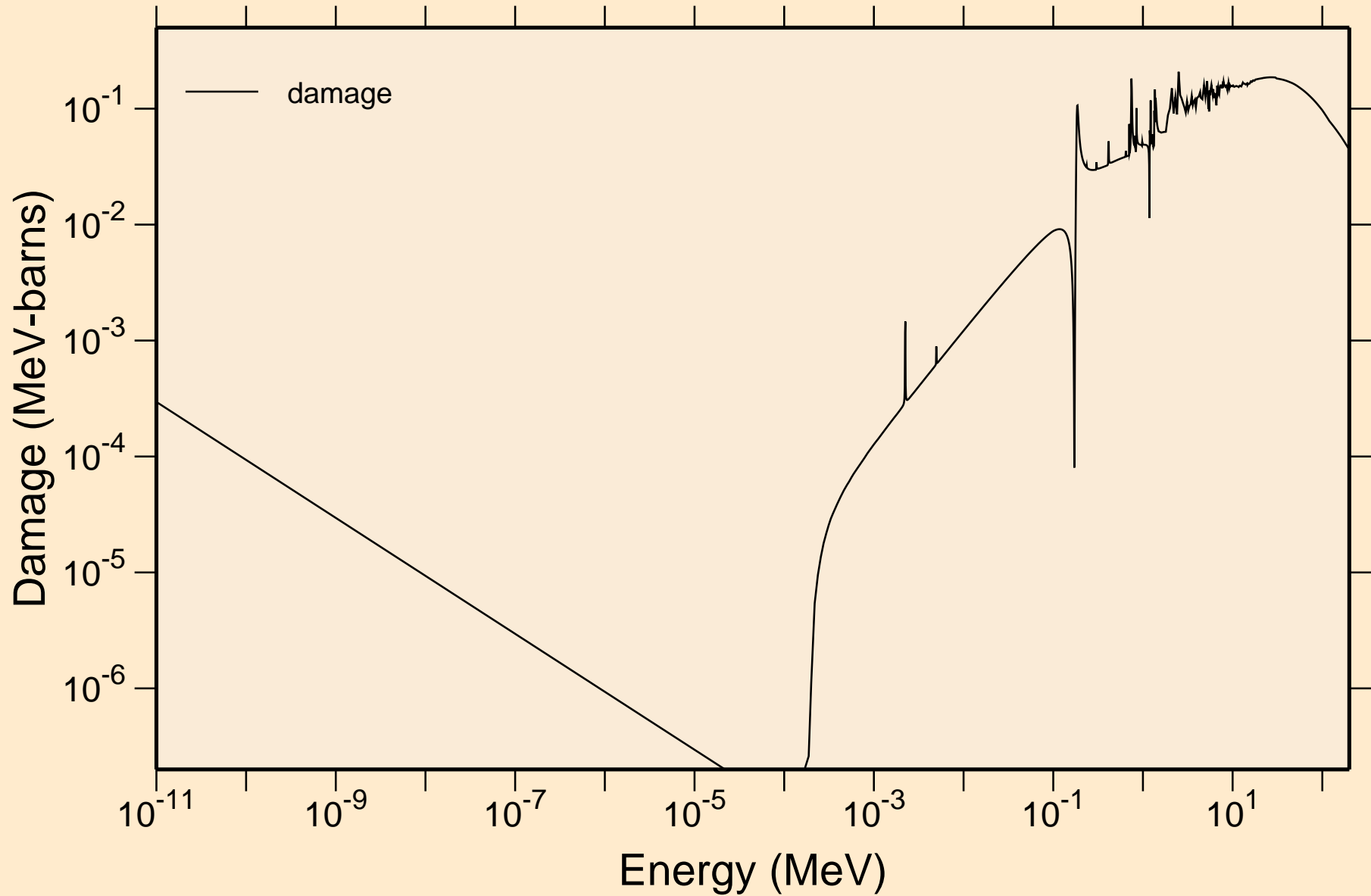
# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

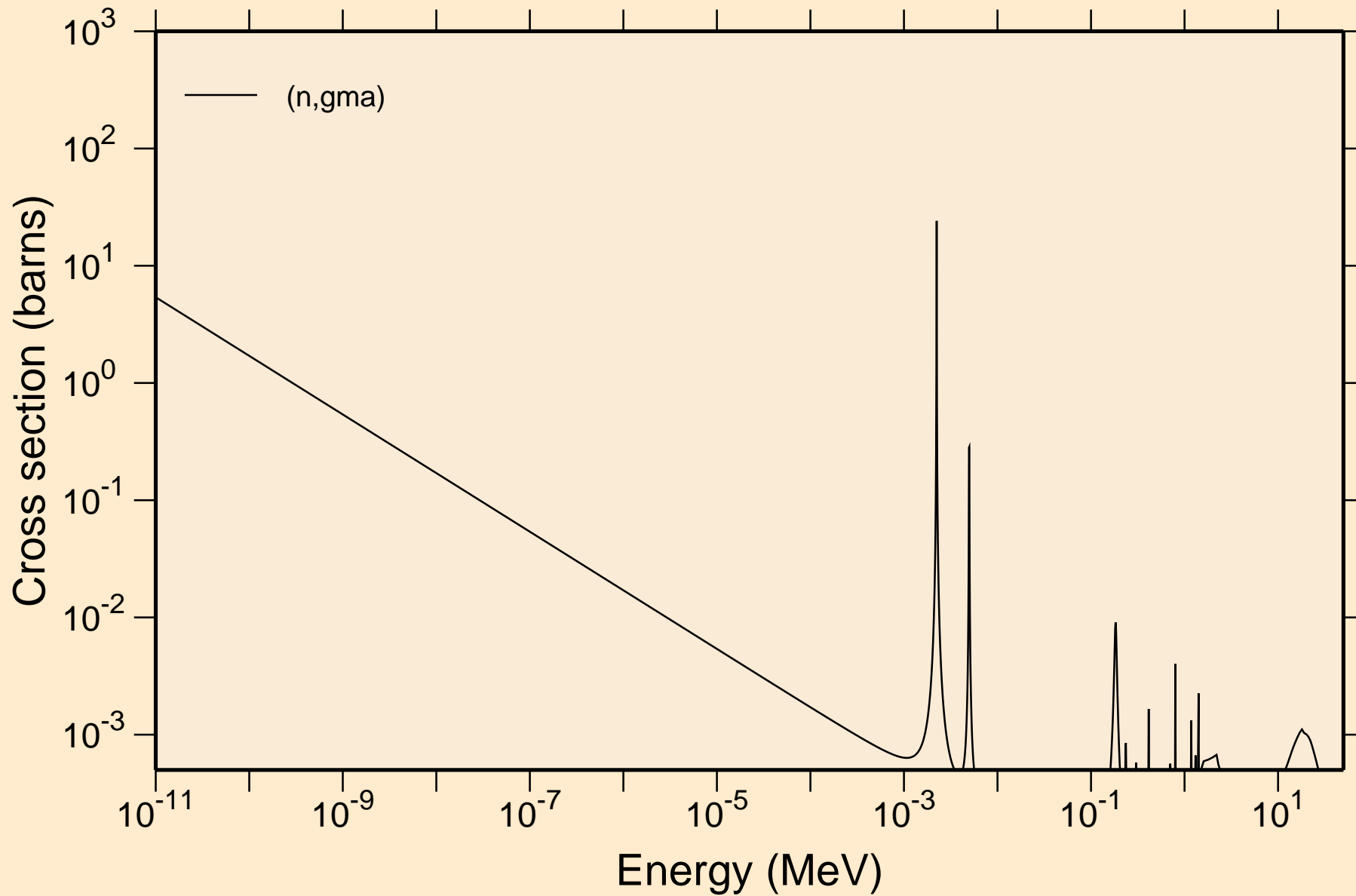


# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

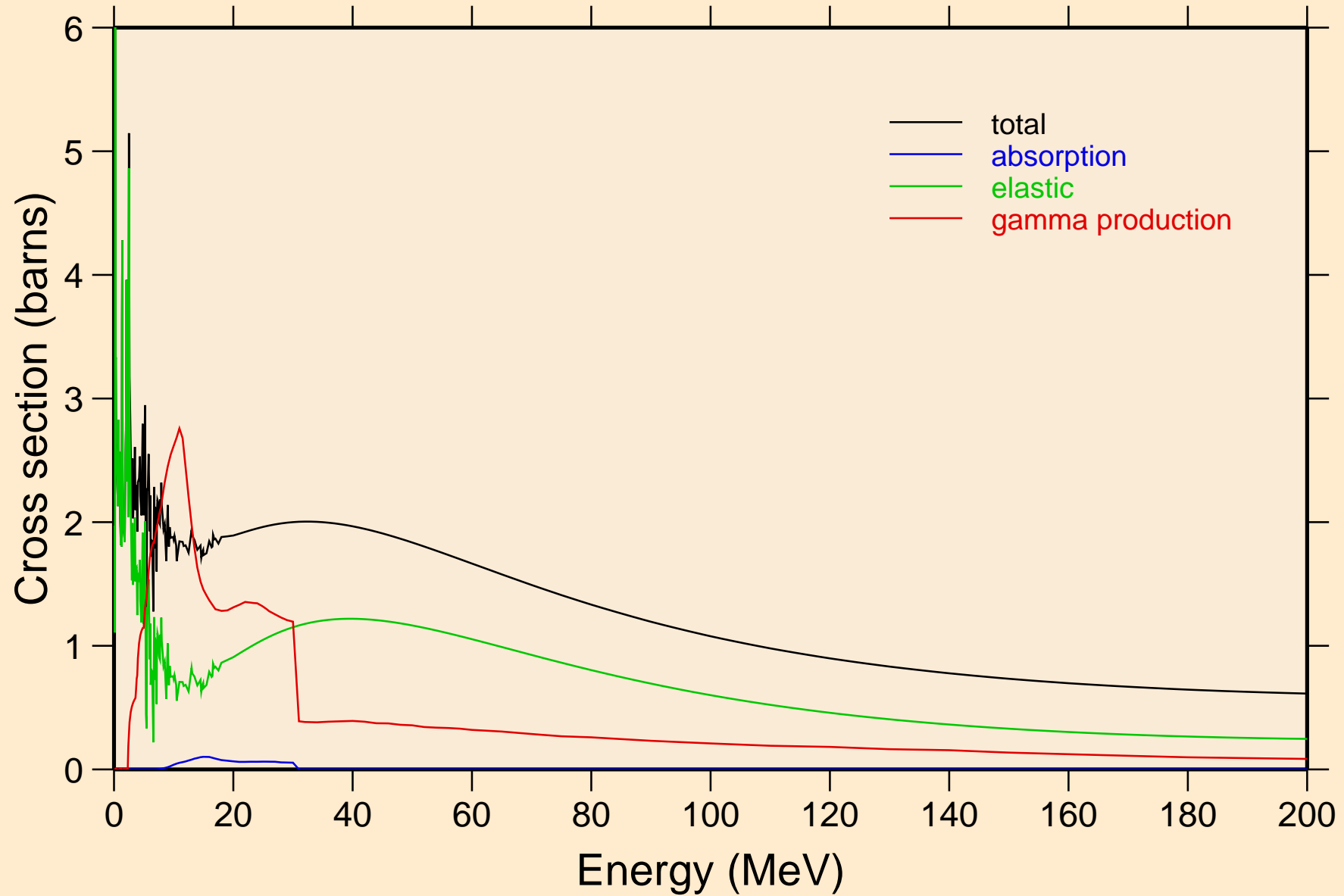


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



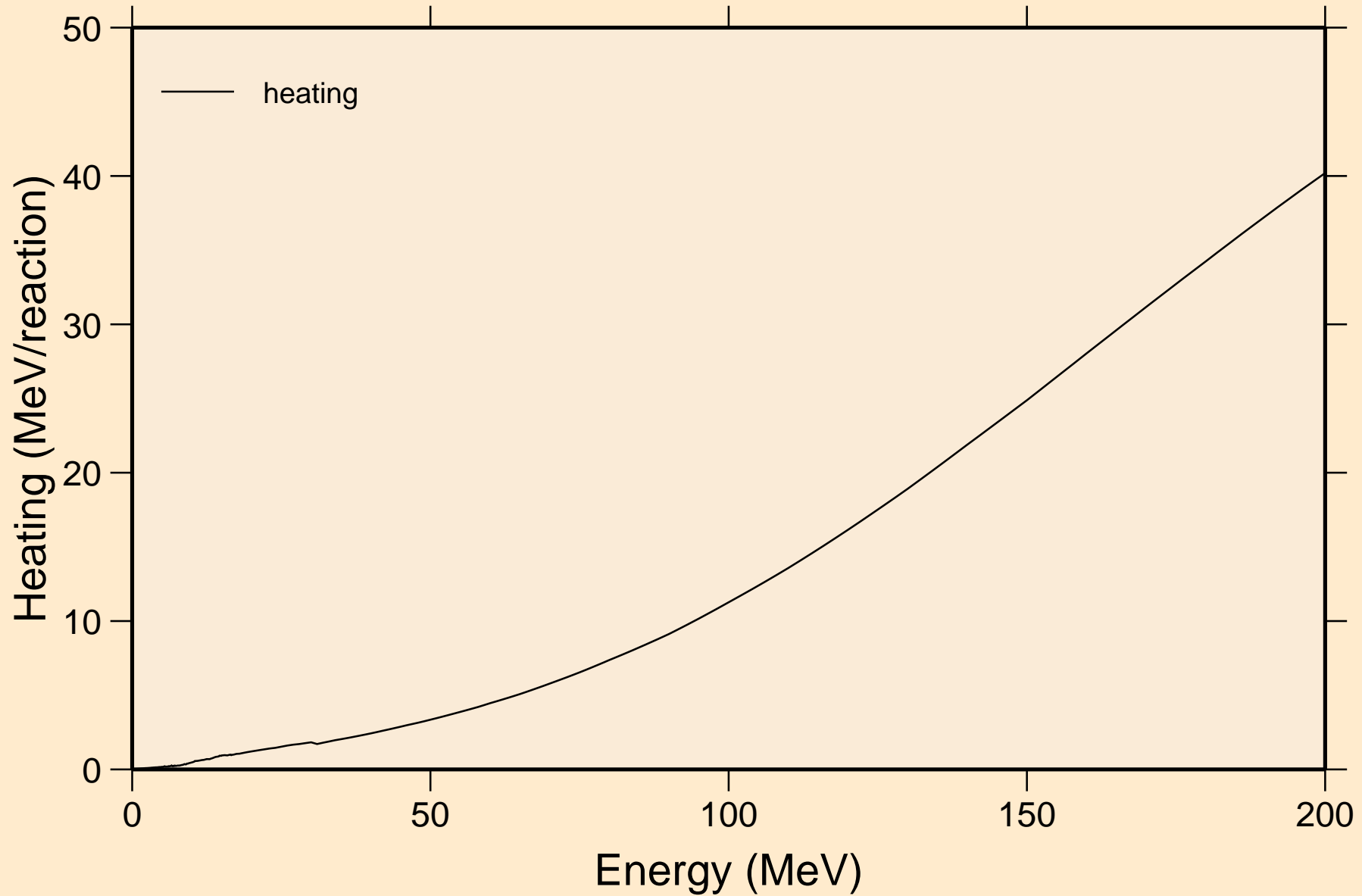
# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



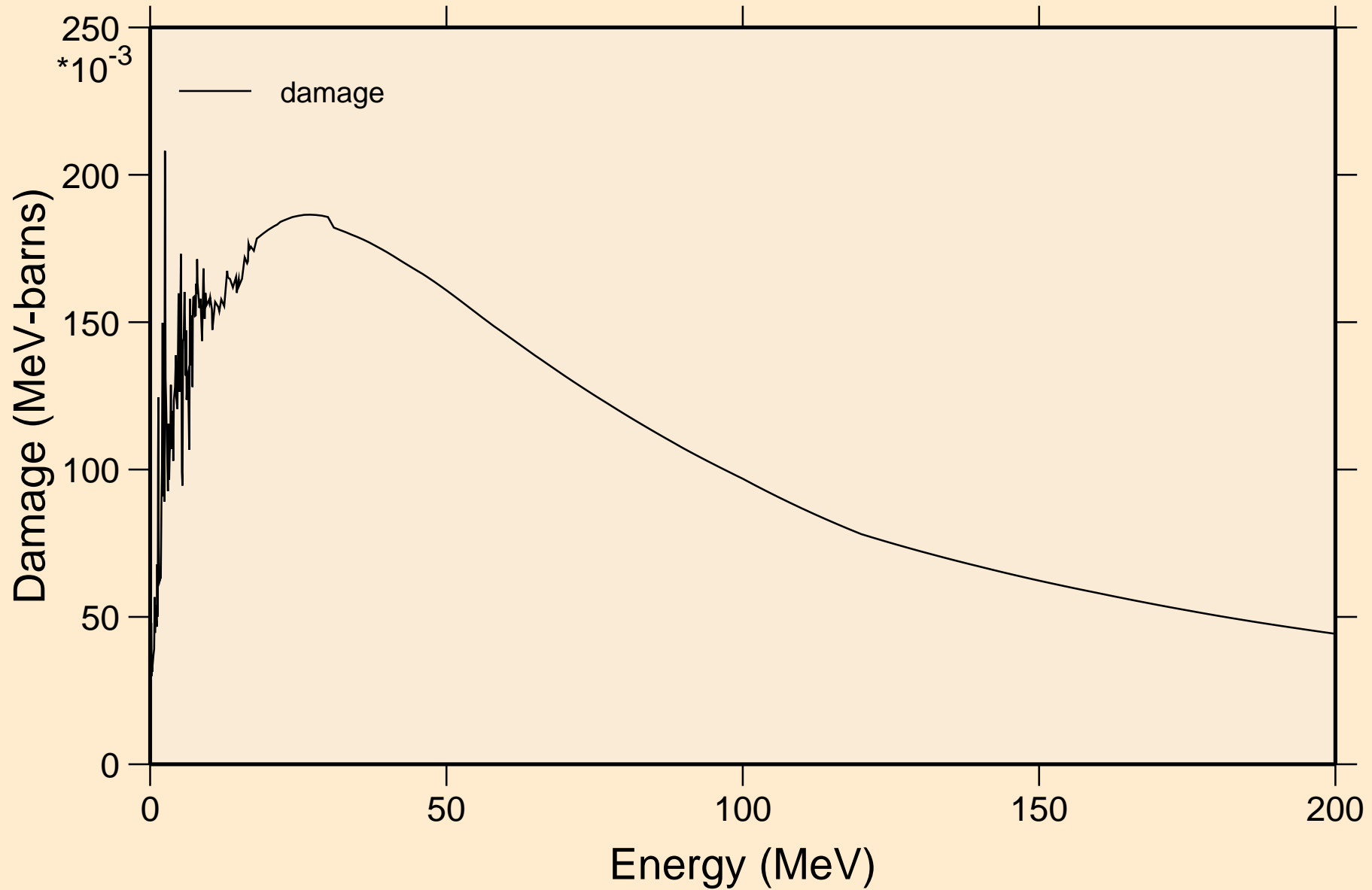
# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

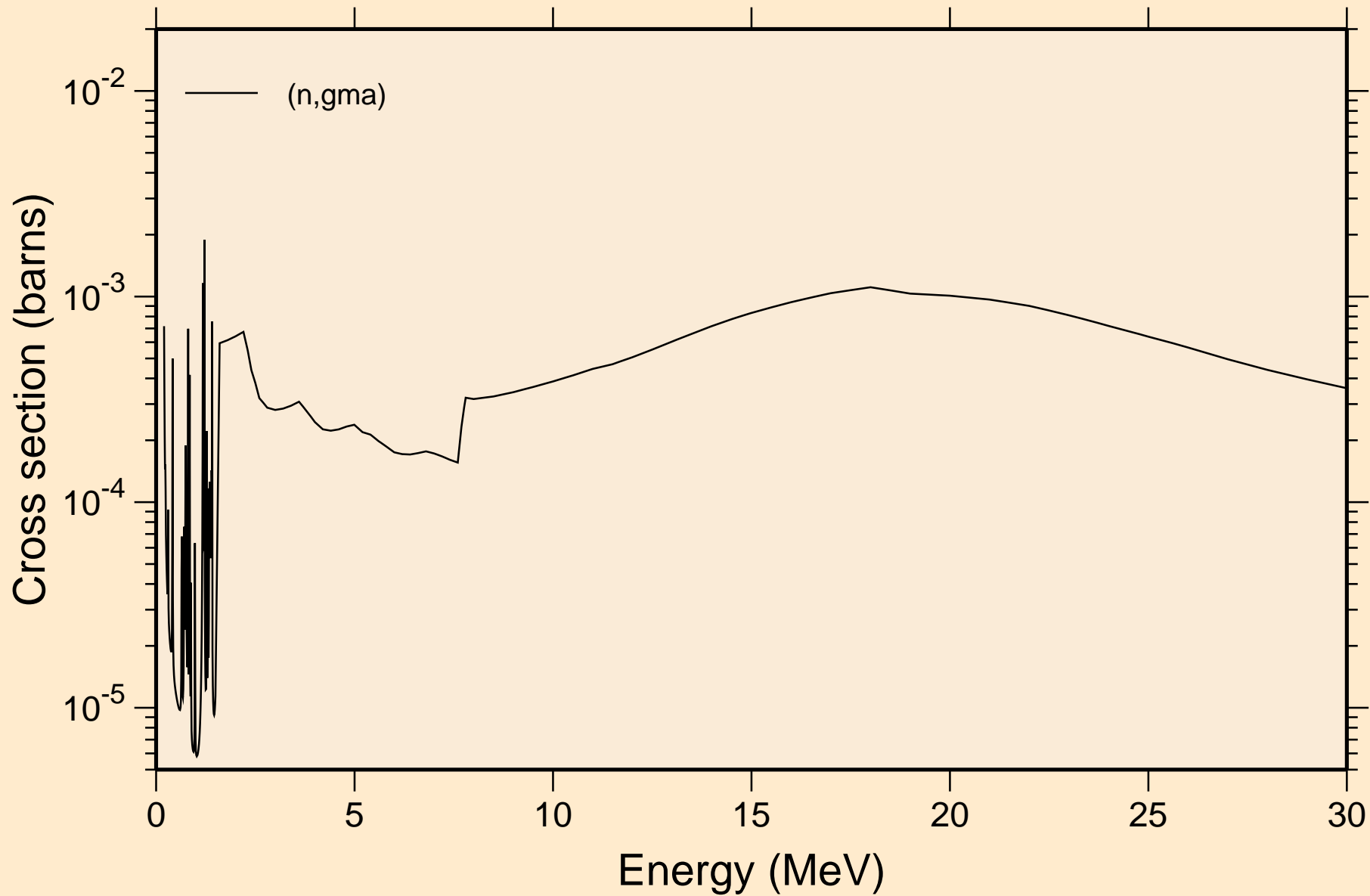


# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

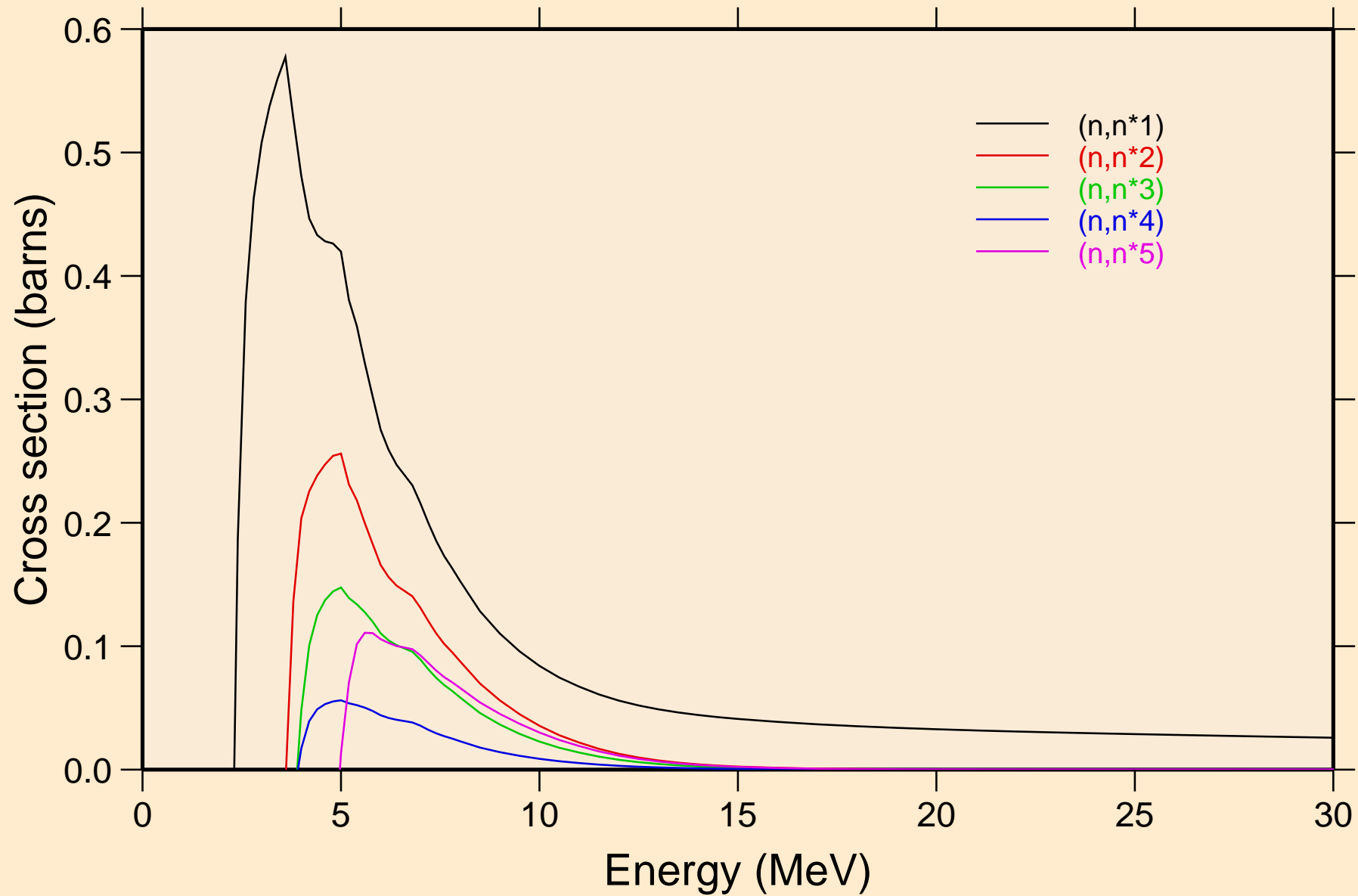
## Damage



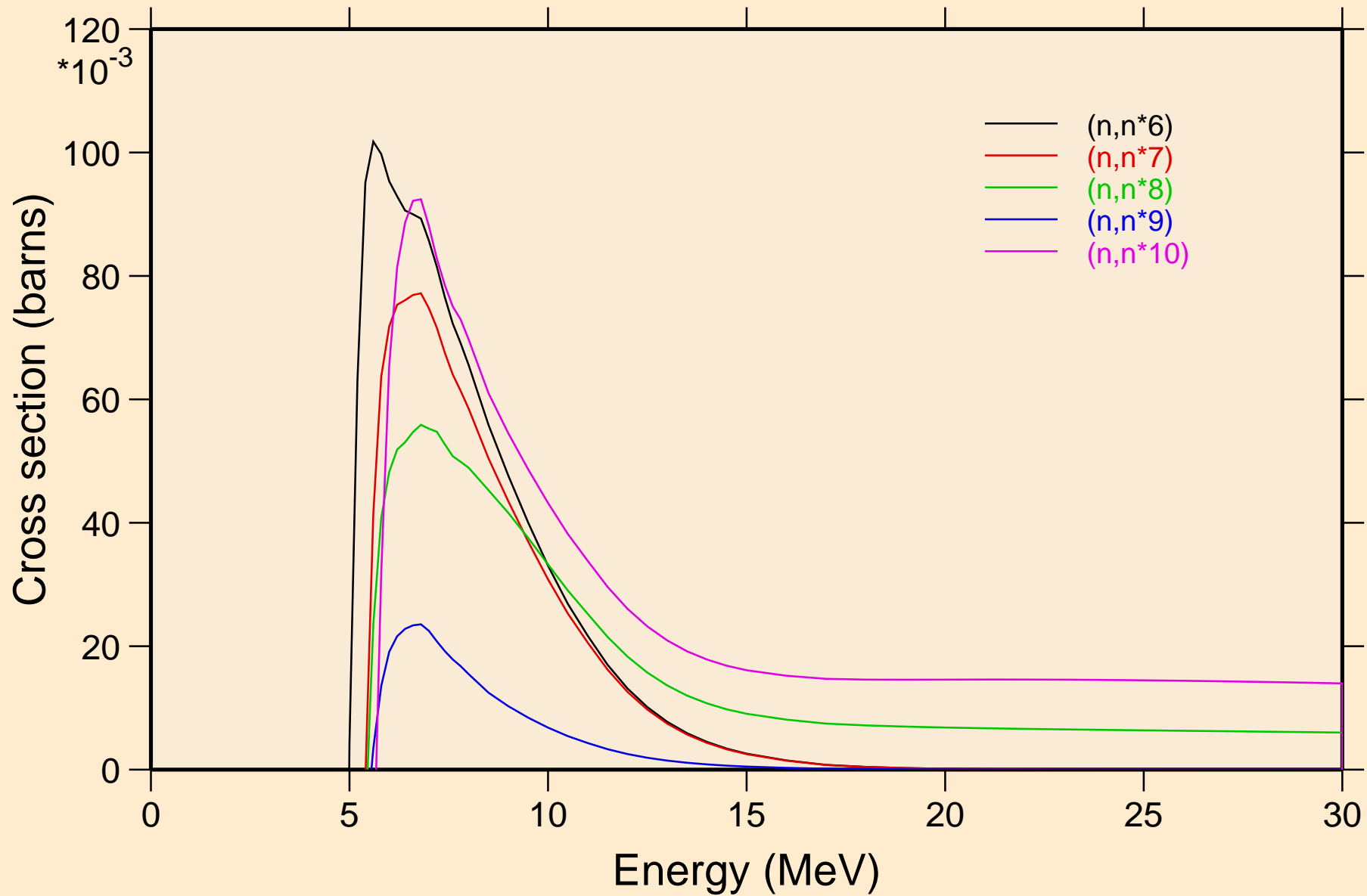
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



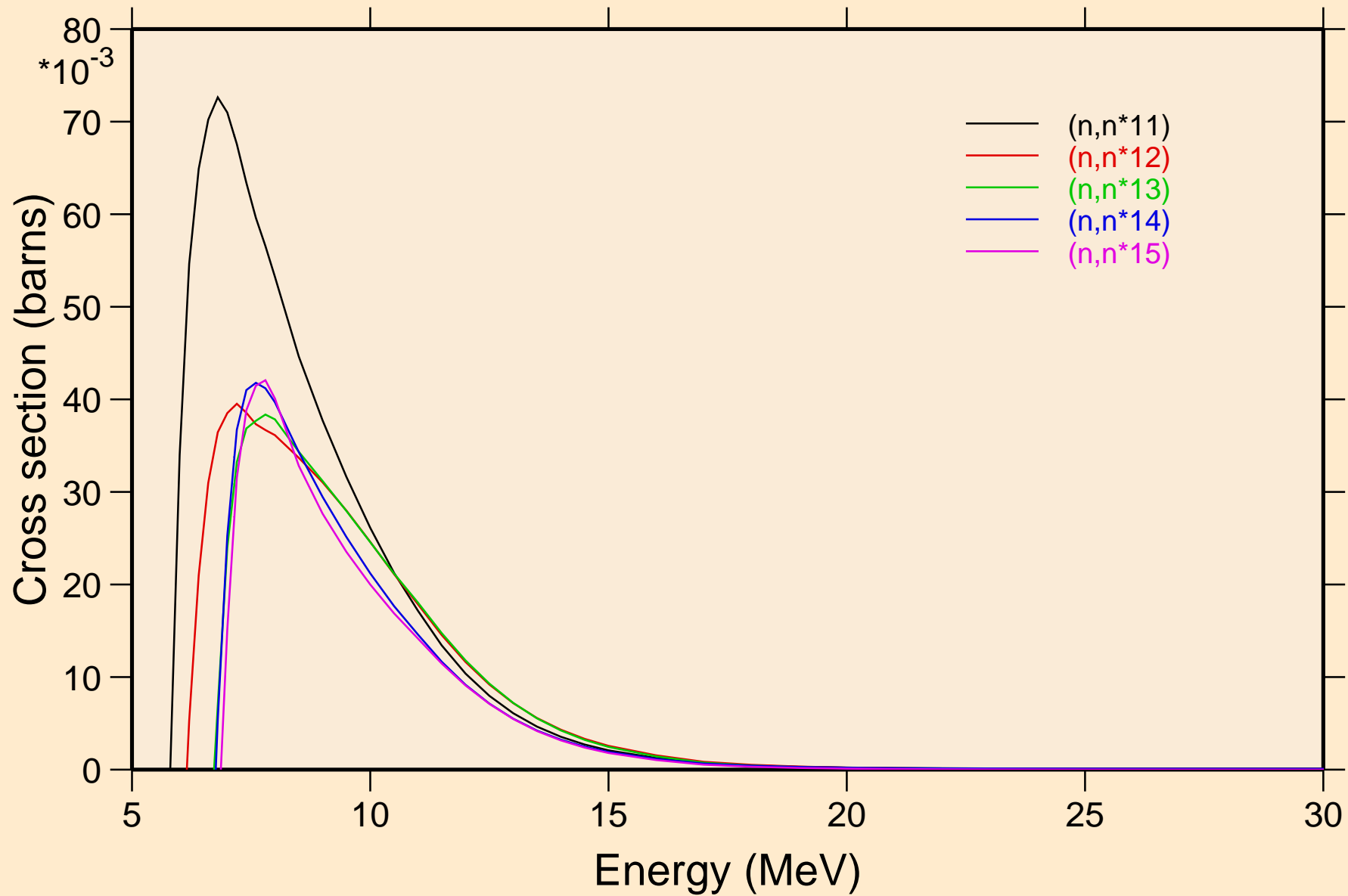
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



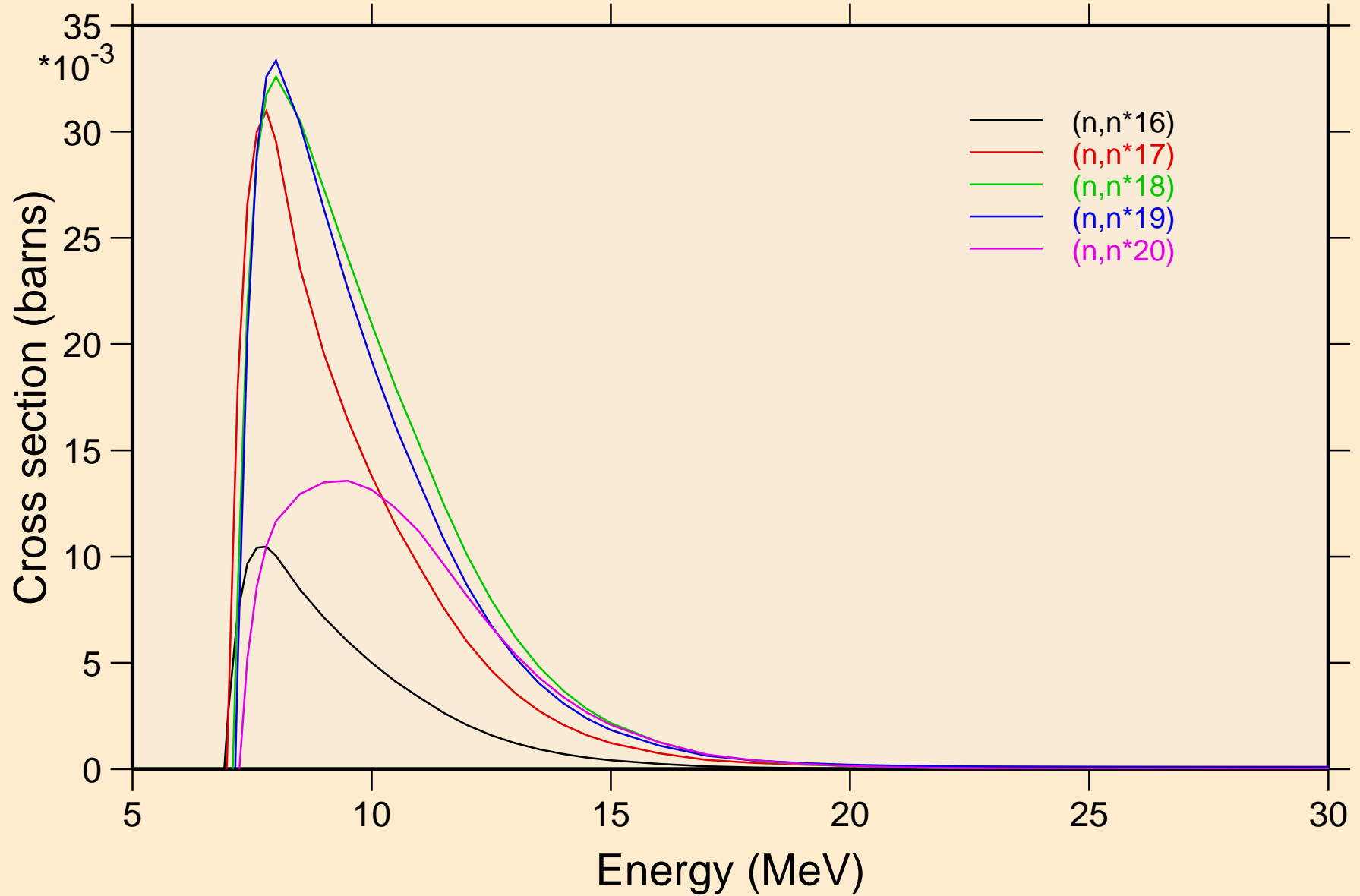
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



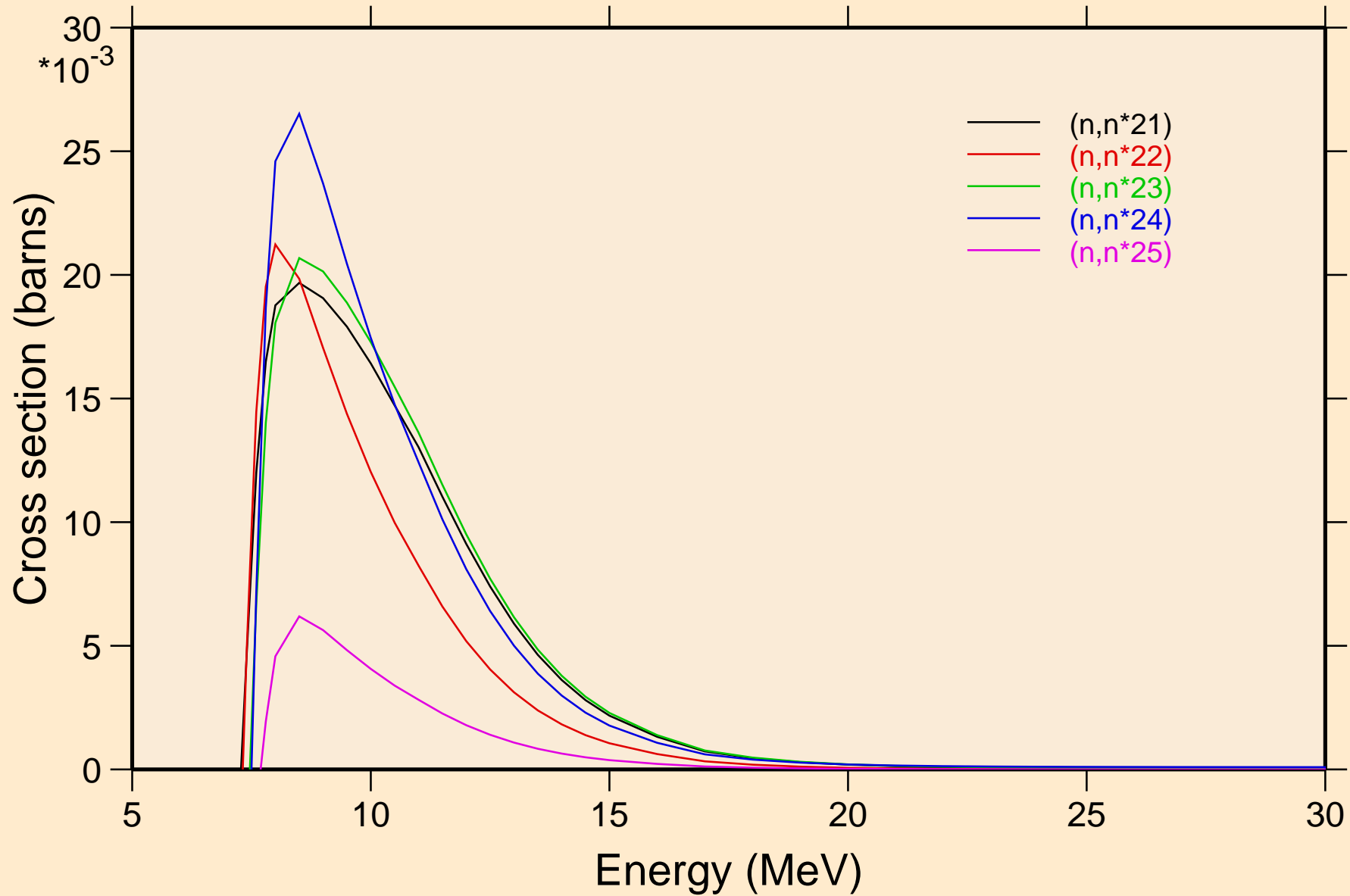
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



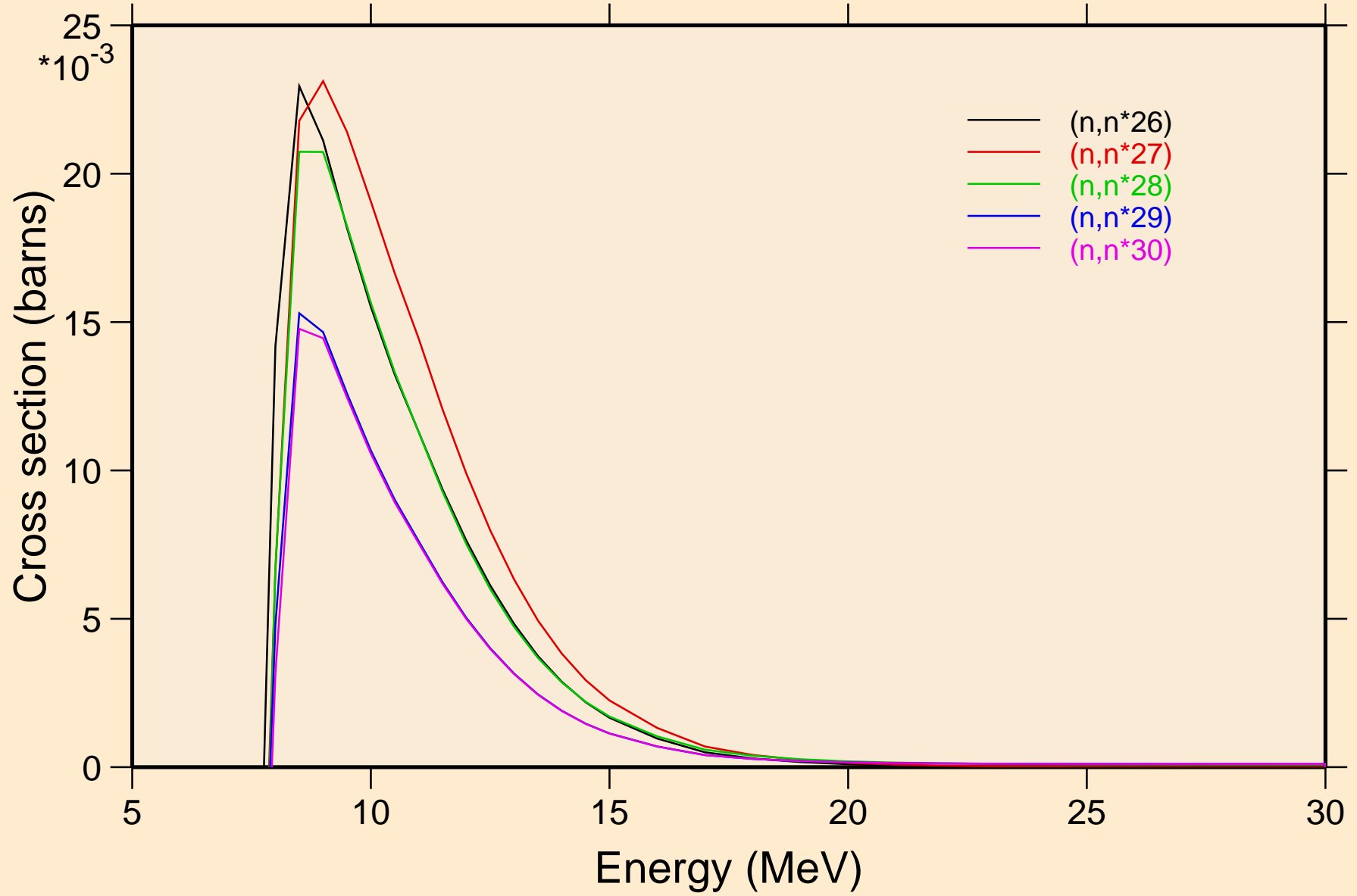
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



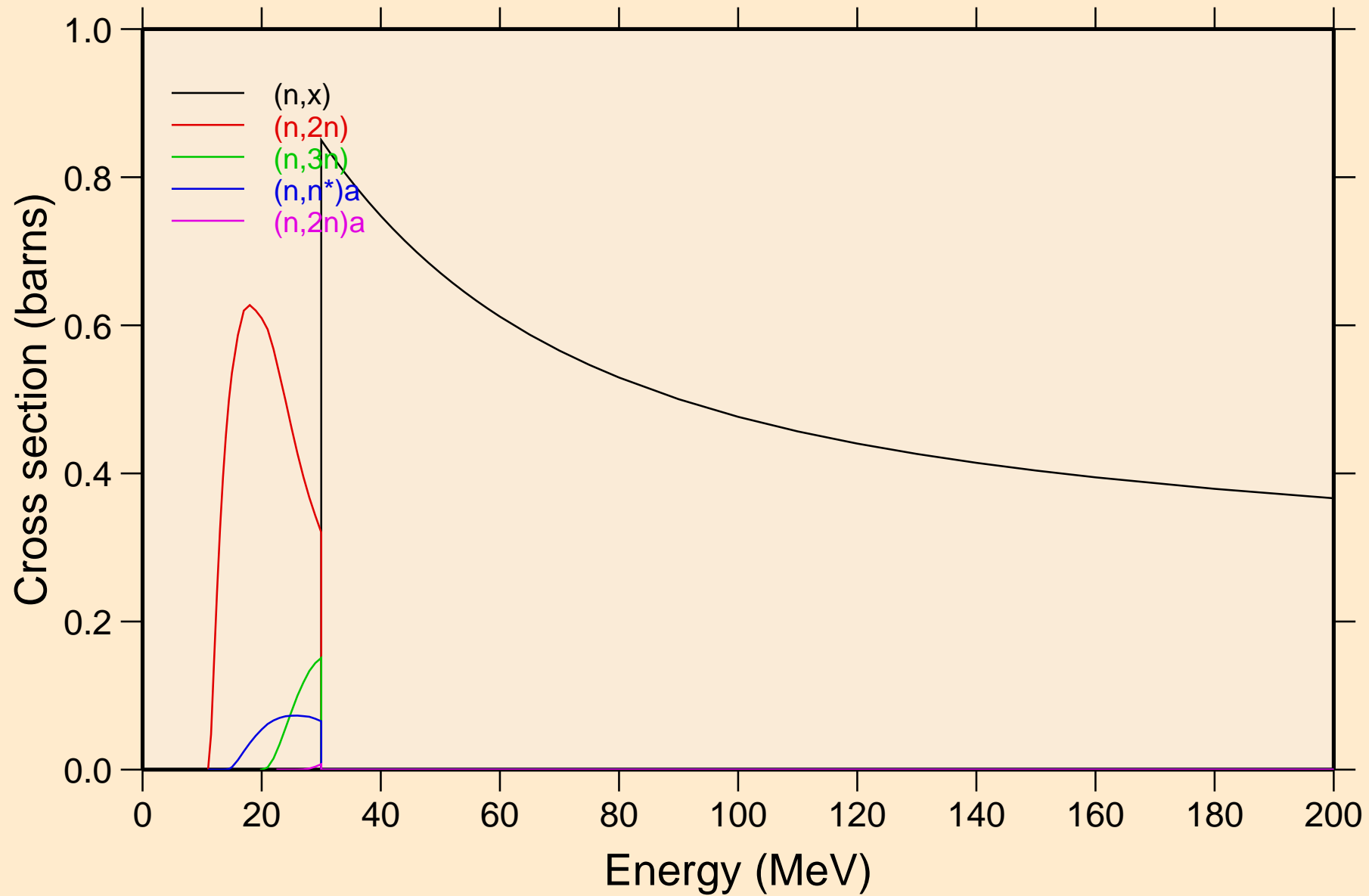
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

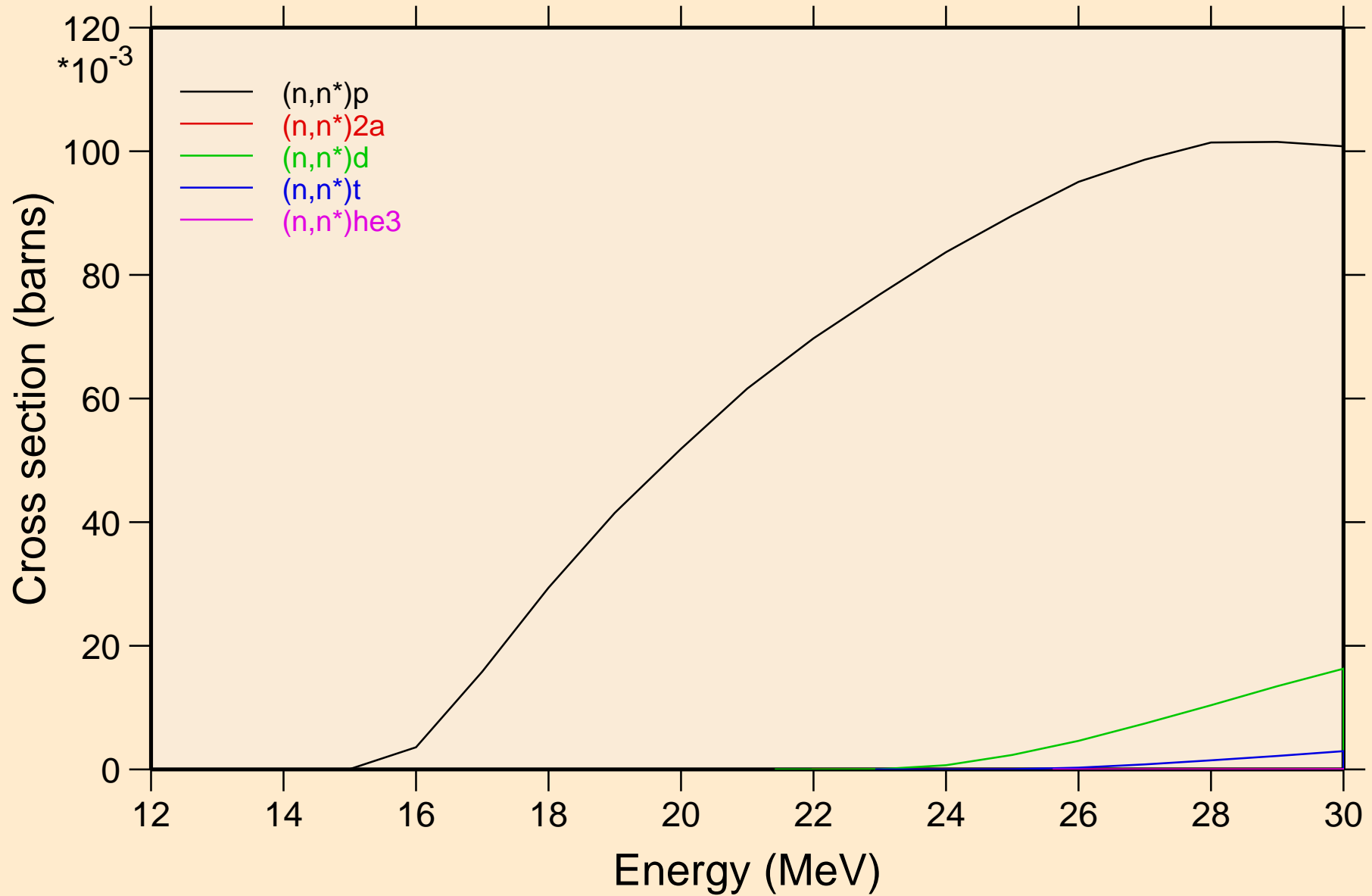


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



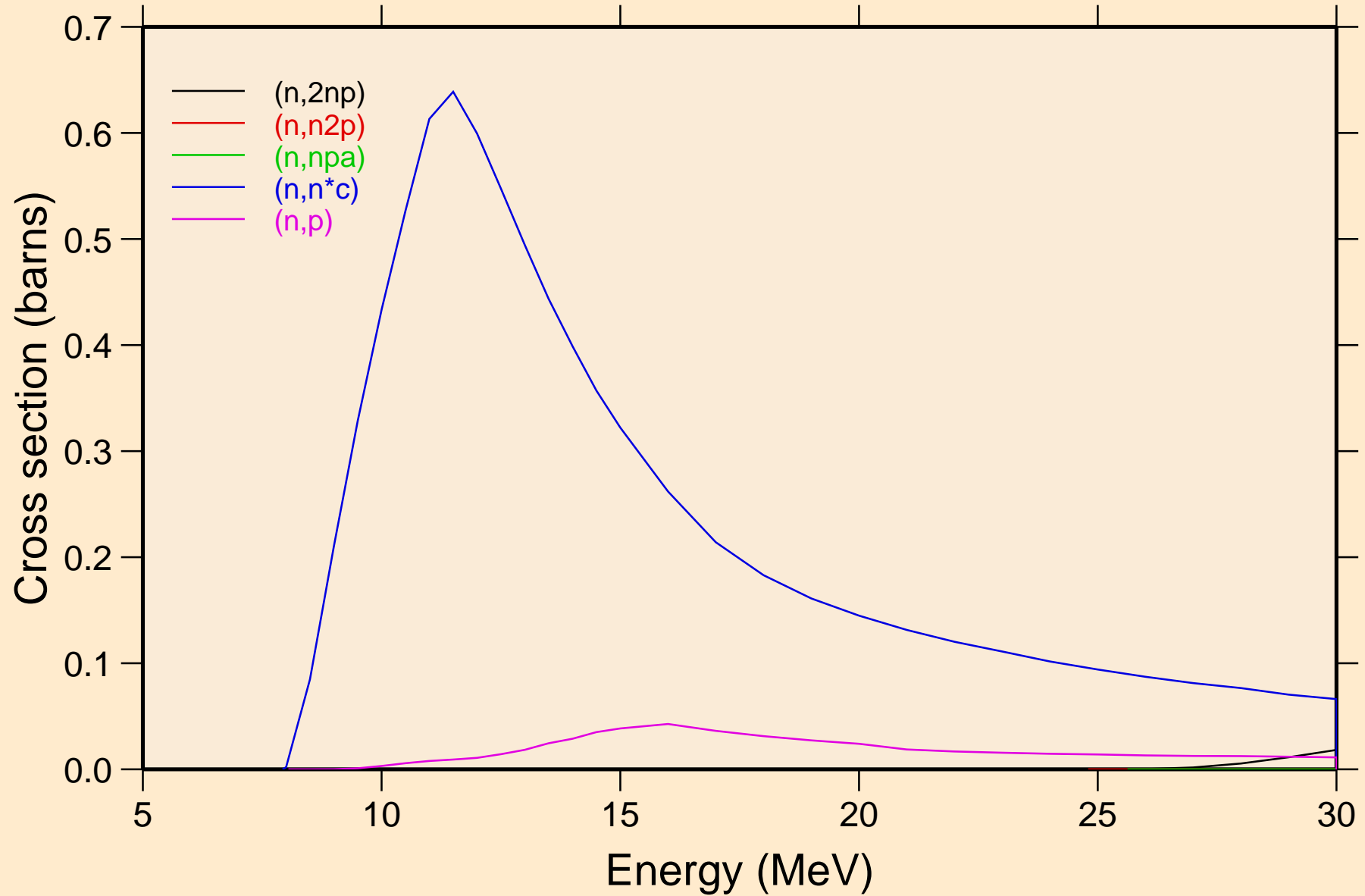
# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



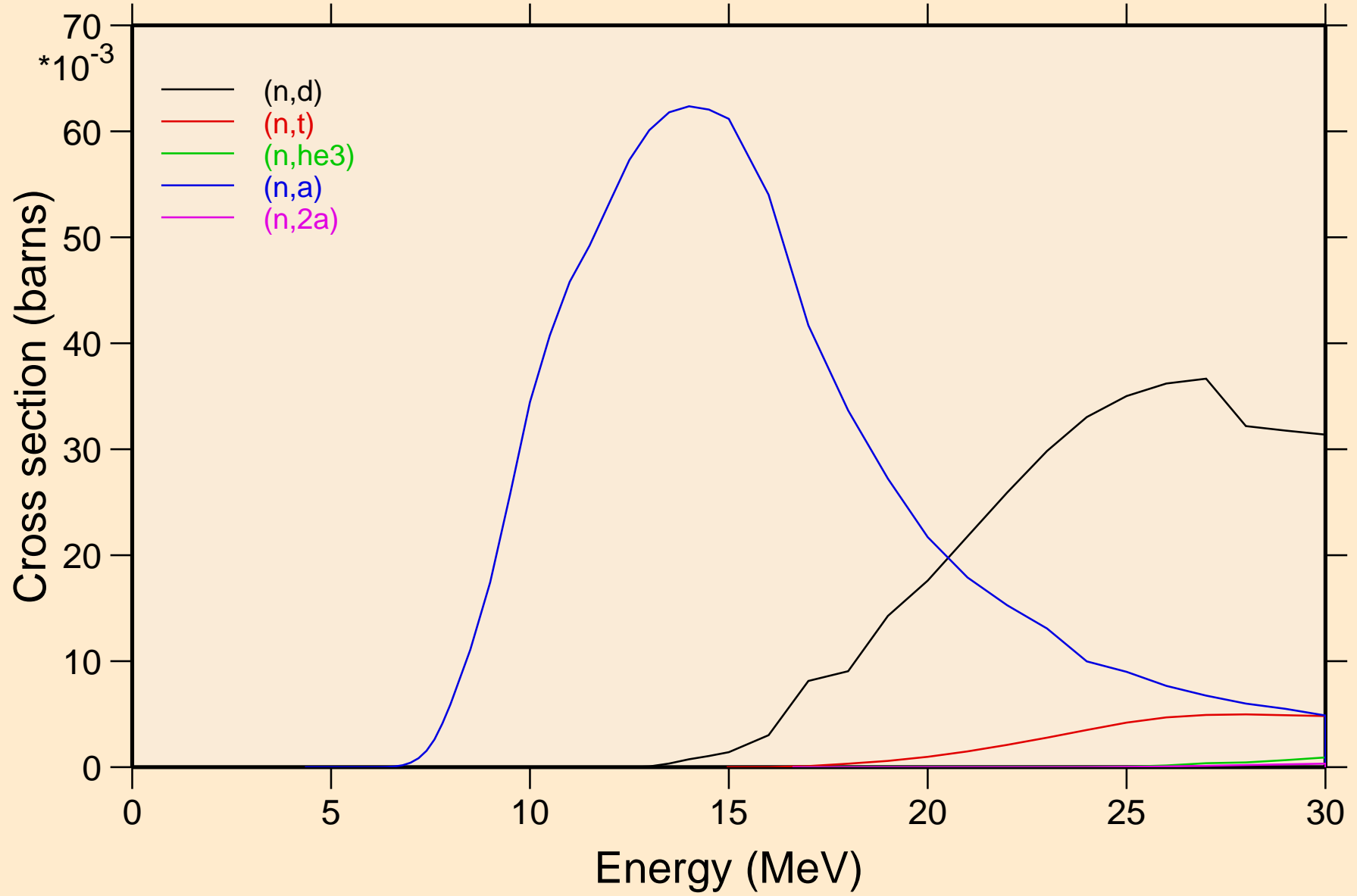
# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



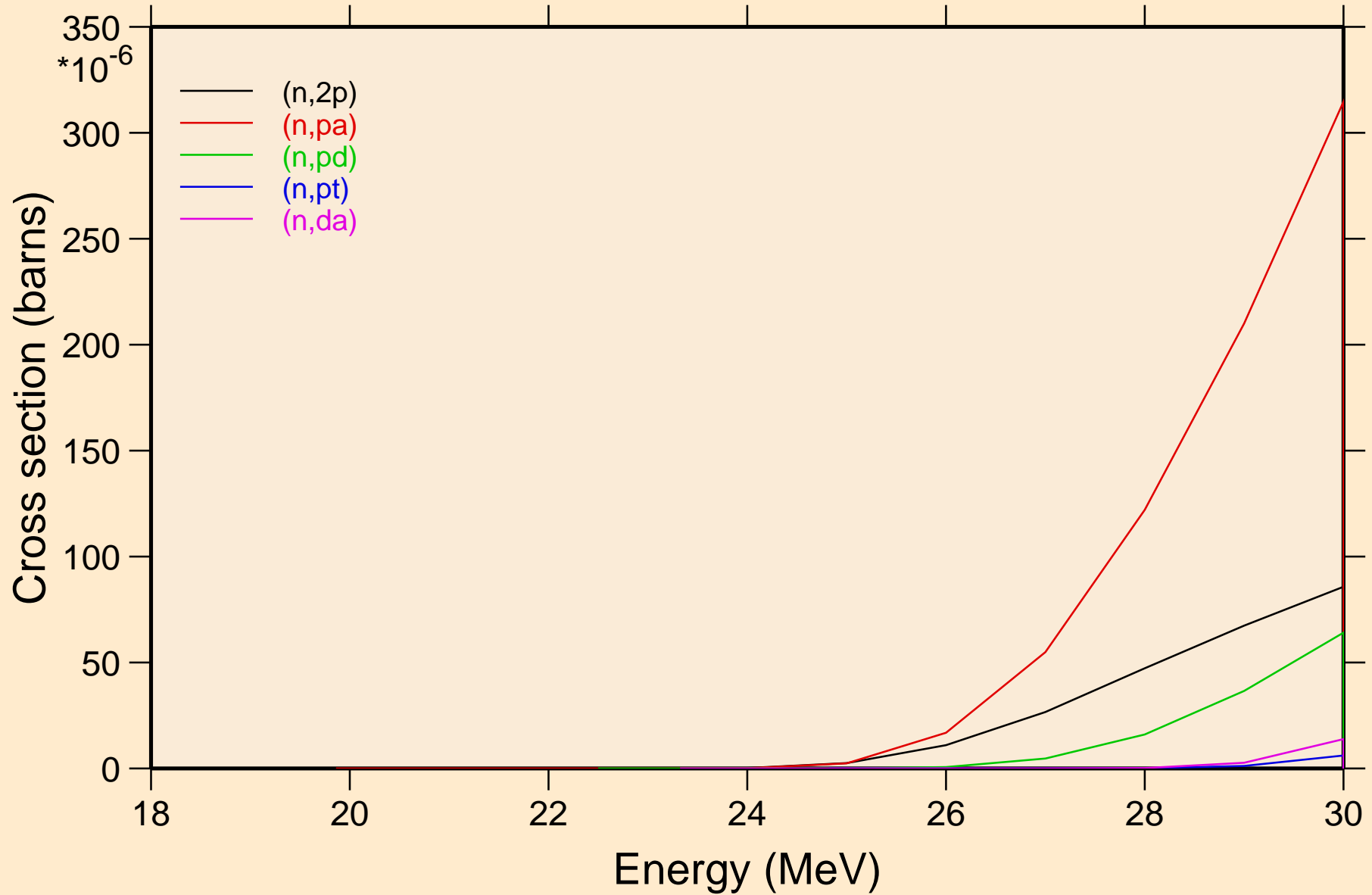
# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



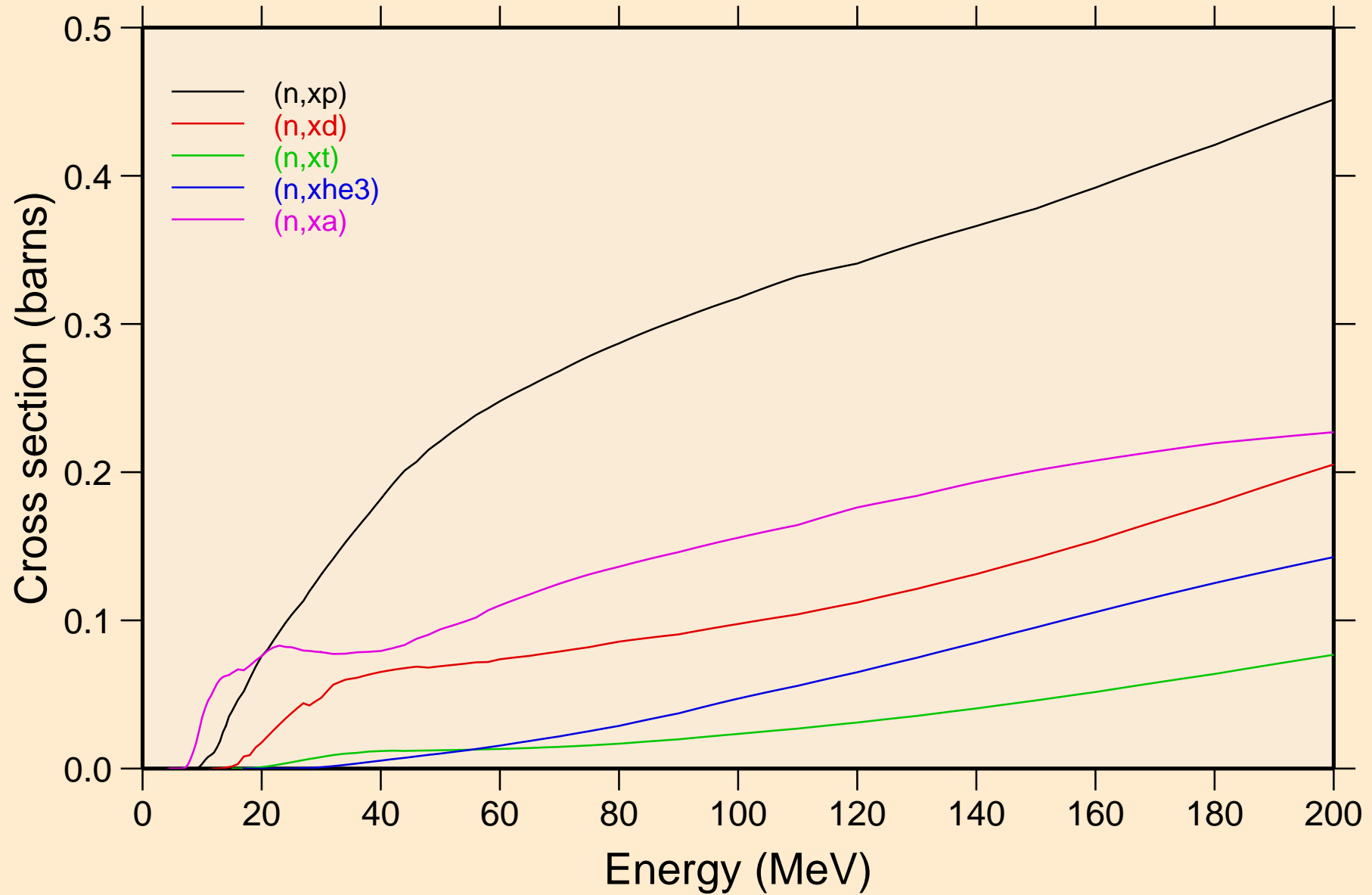
# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

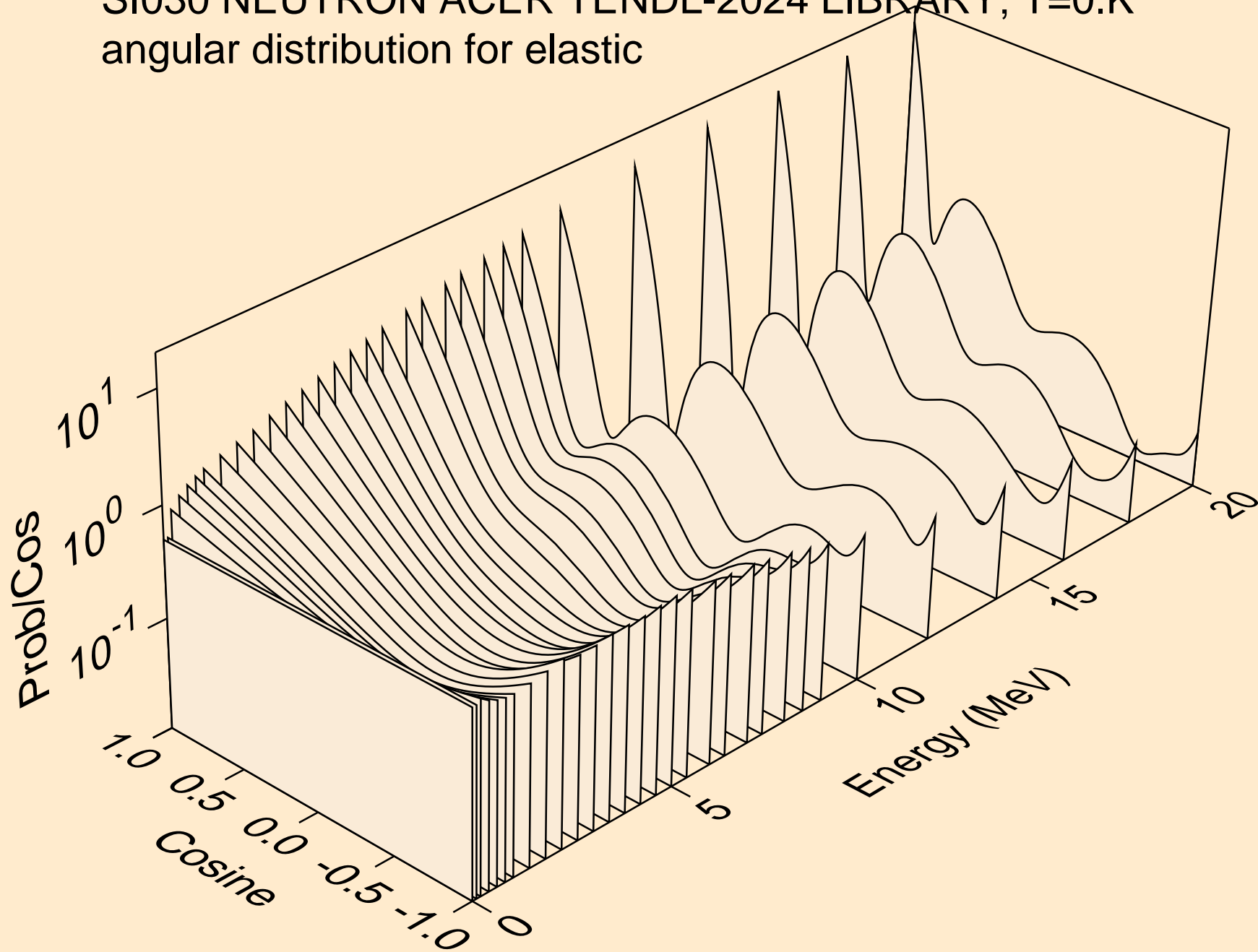


# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

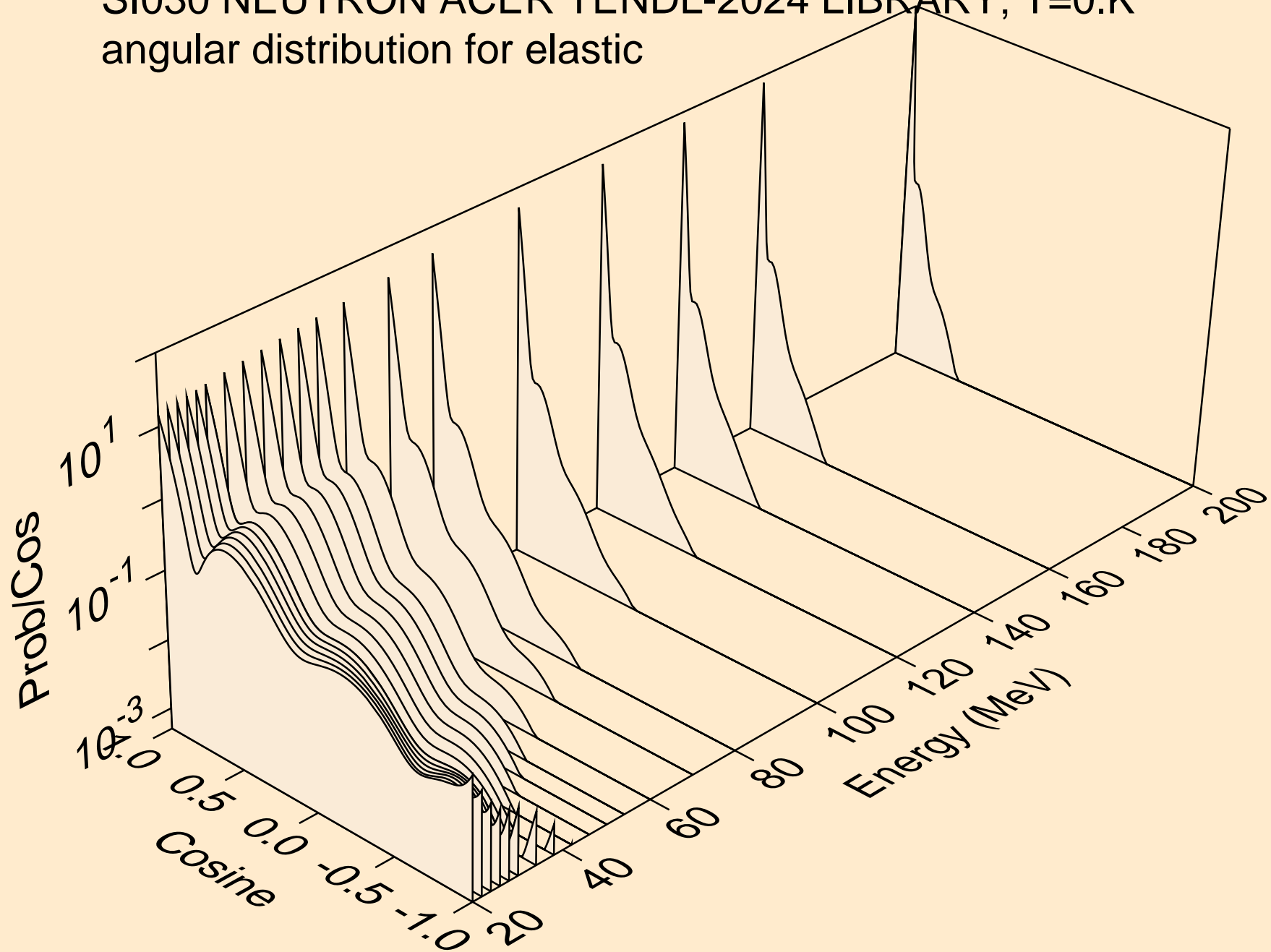
## Threshold reactions



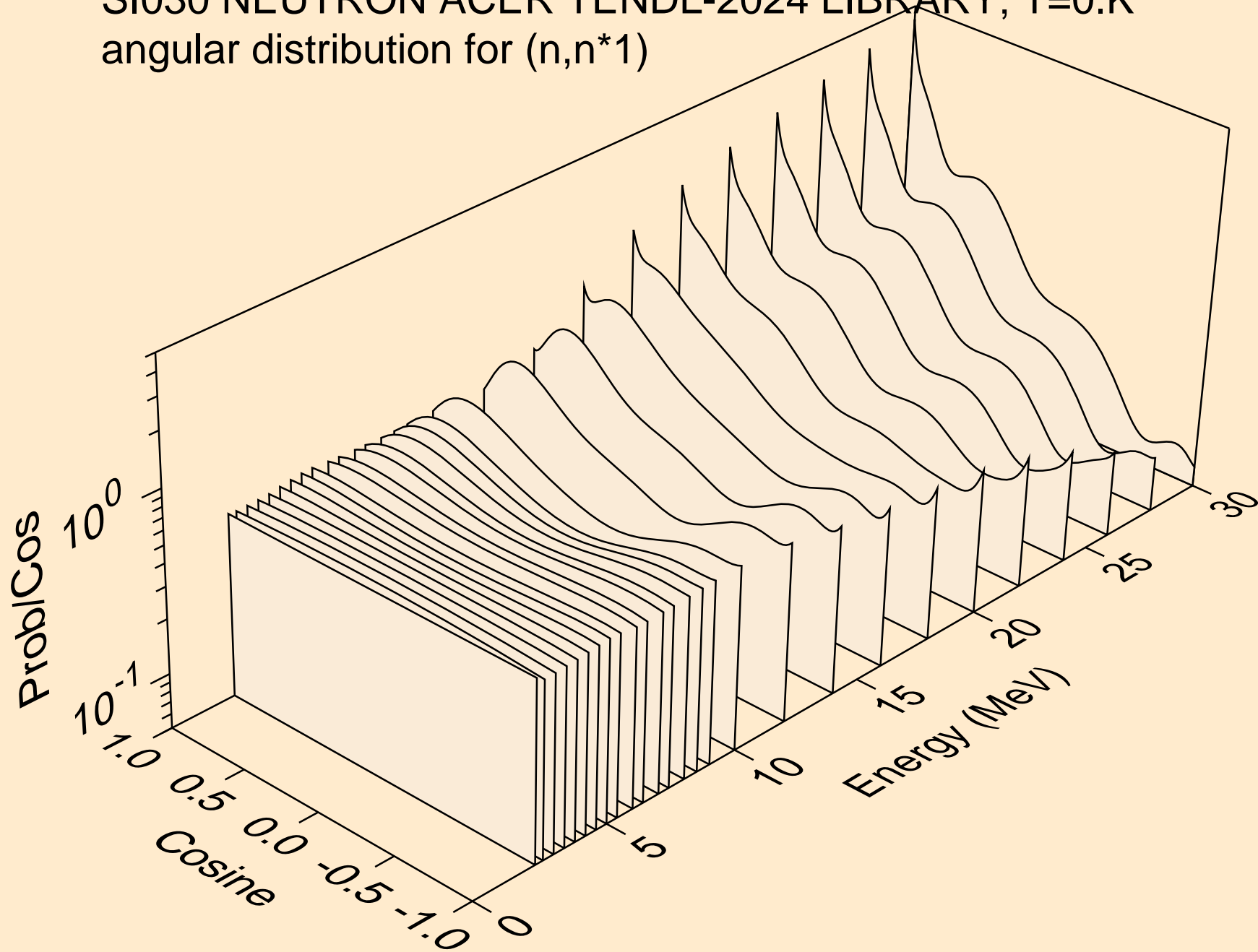
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



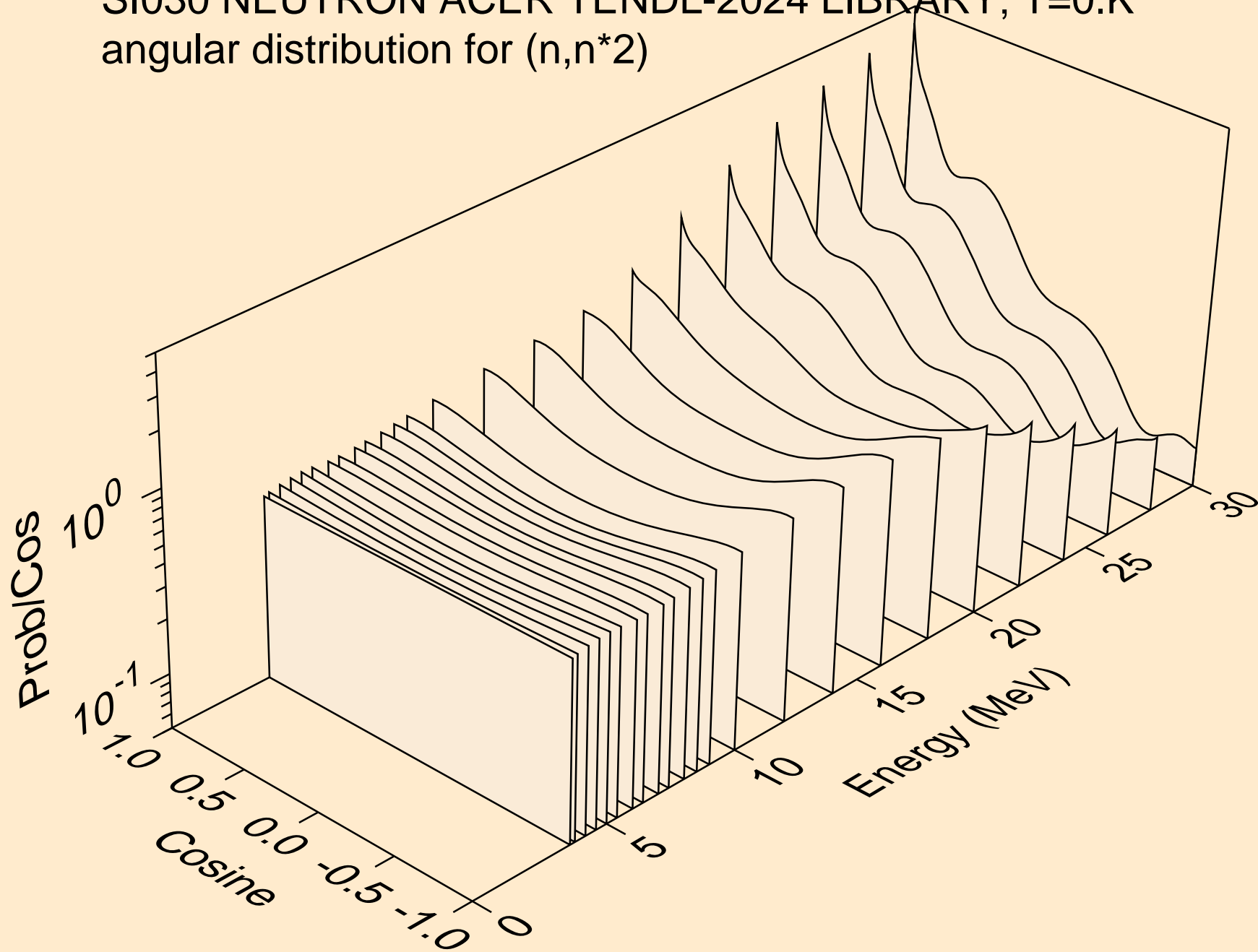
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



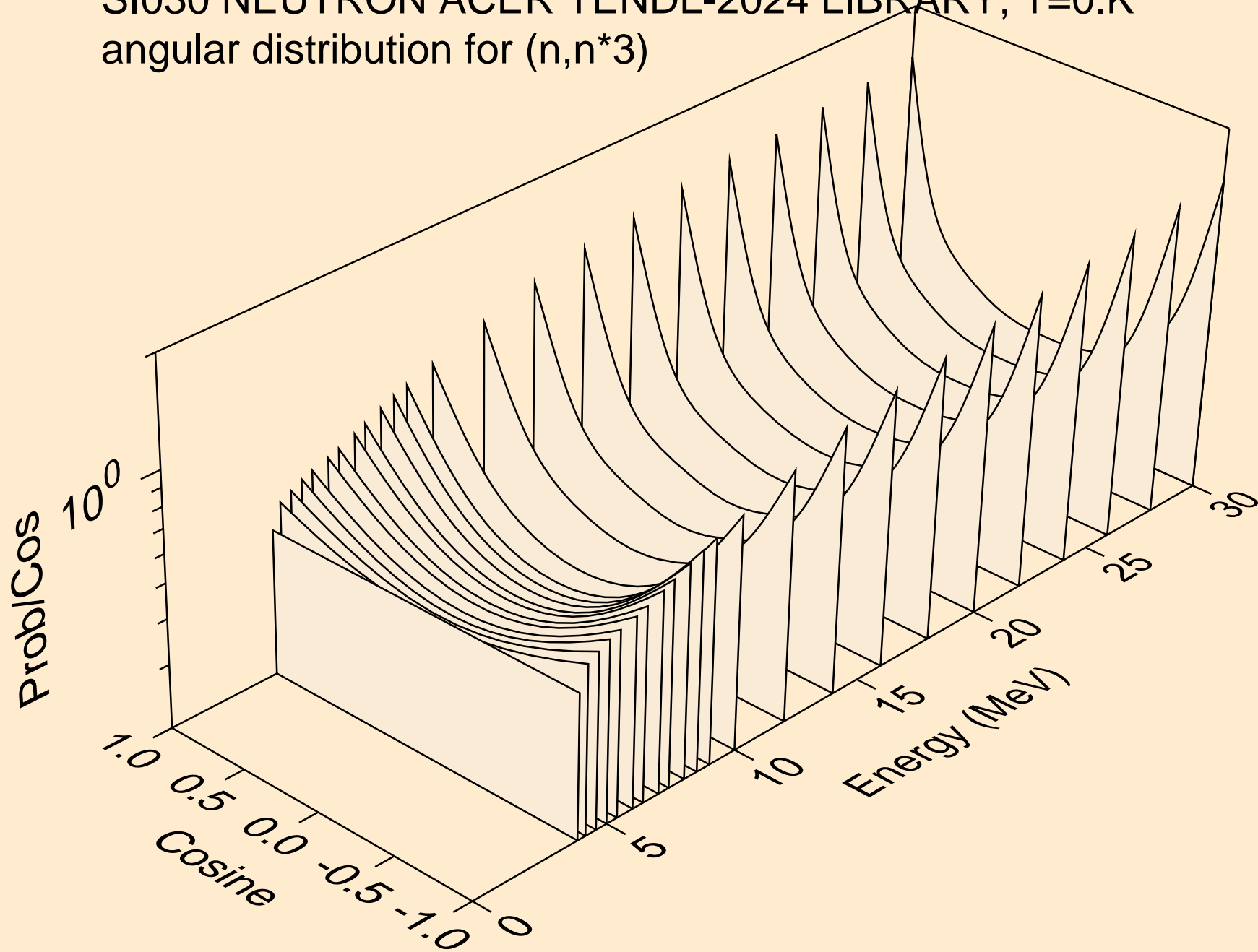
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



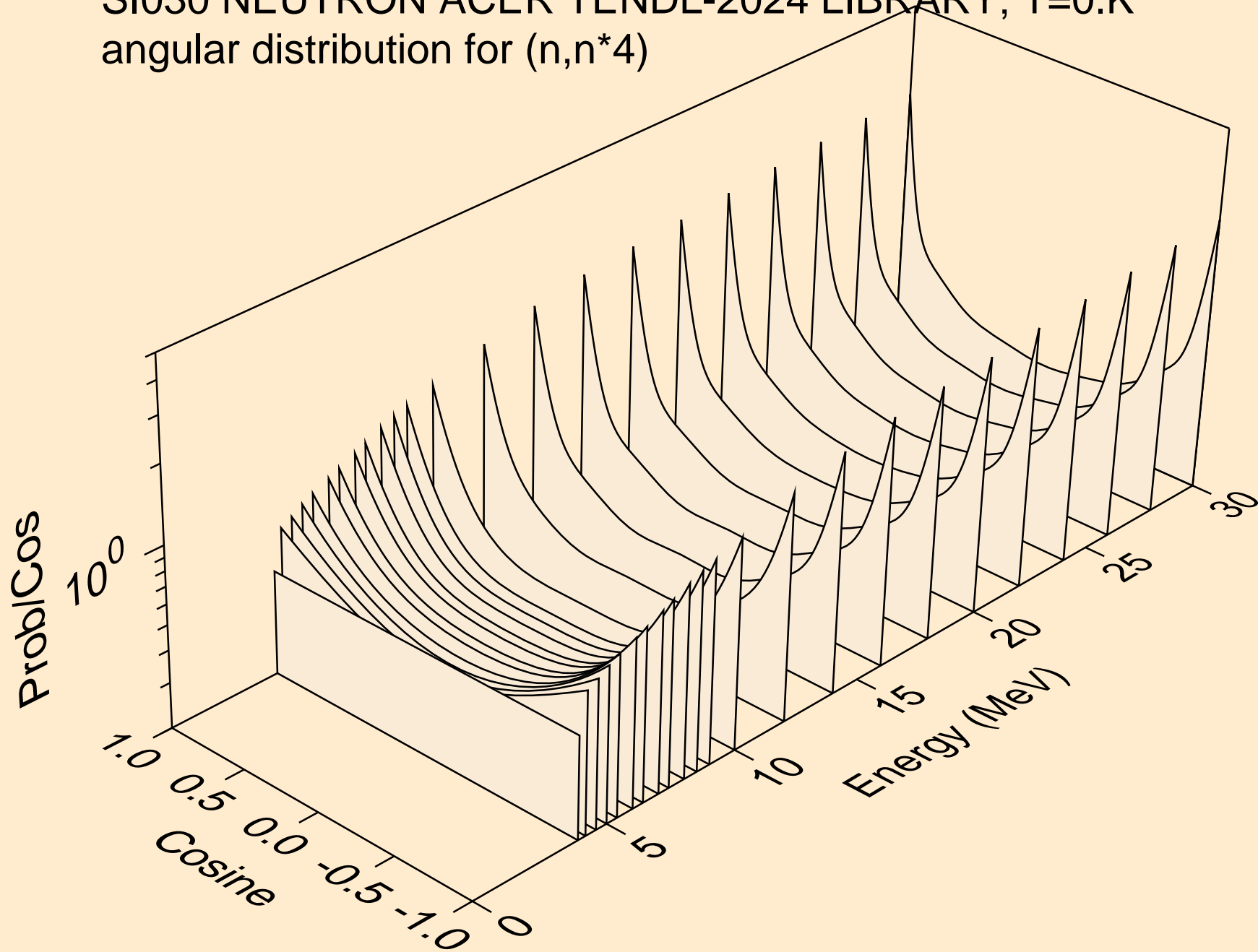
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



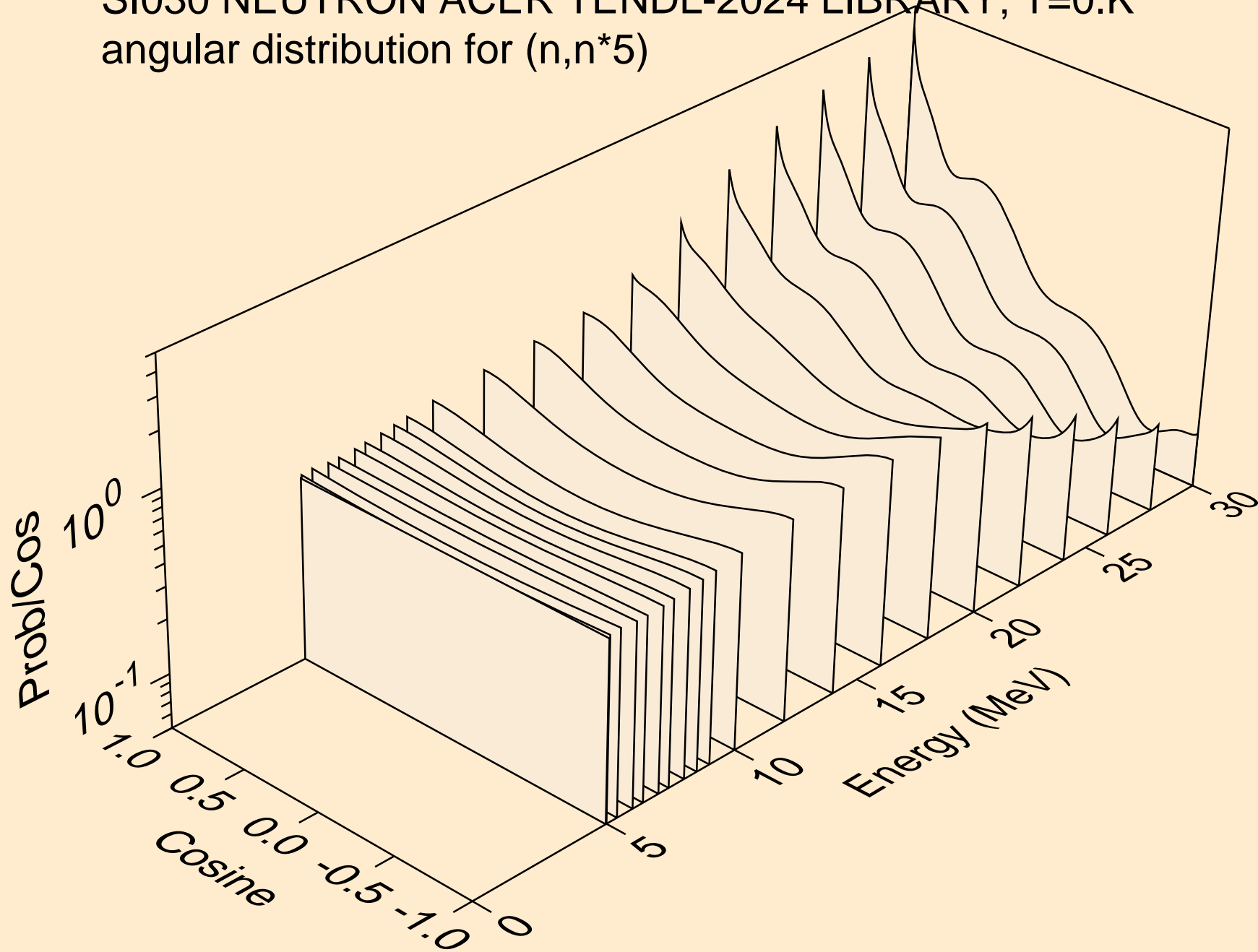
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



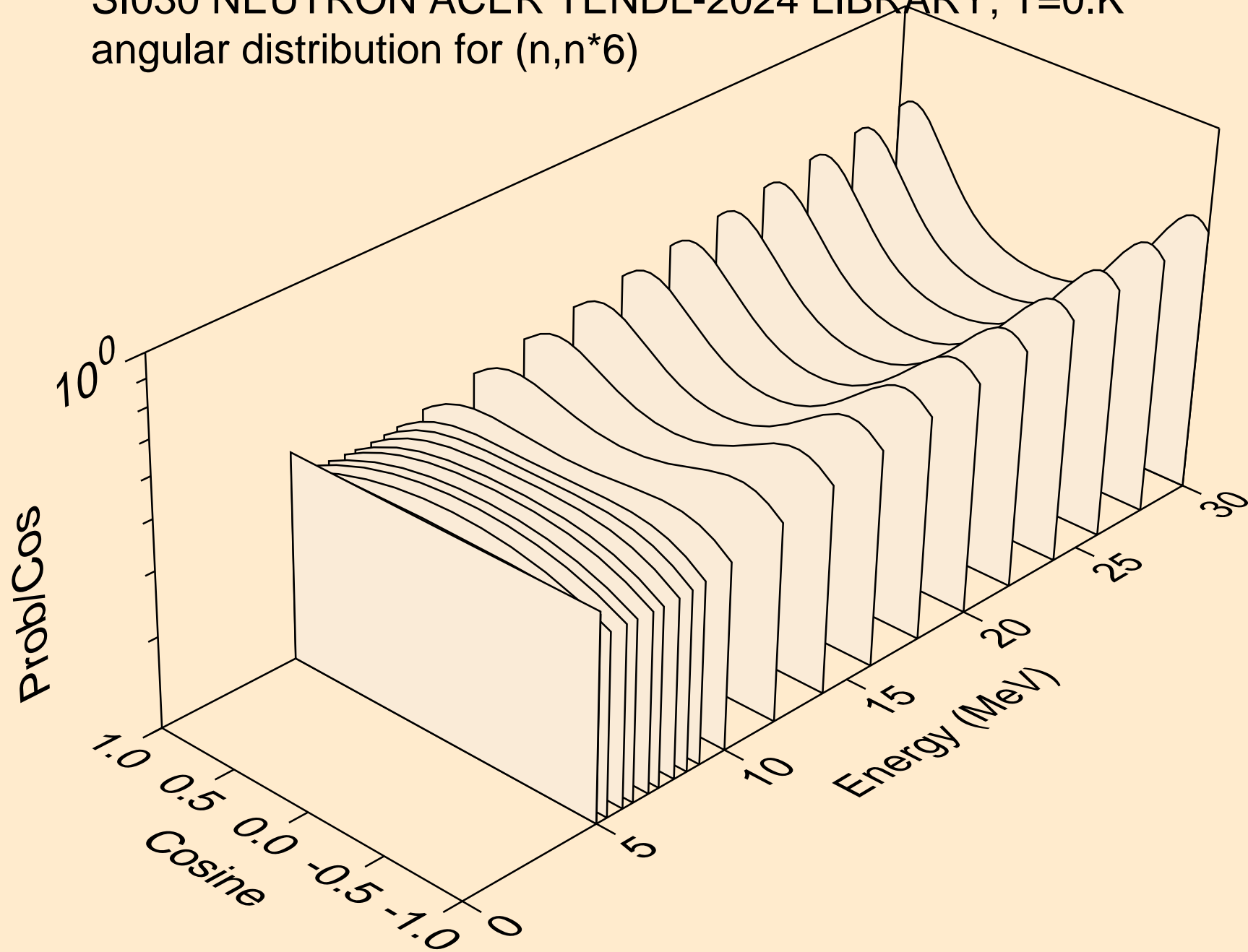
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



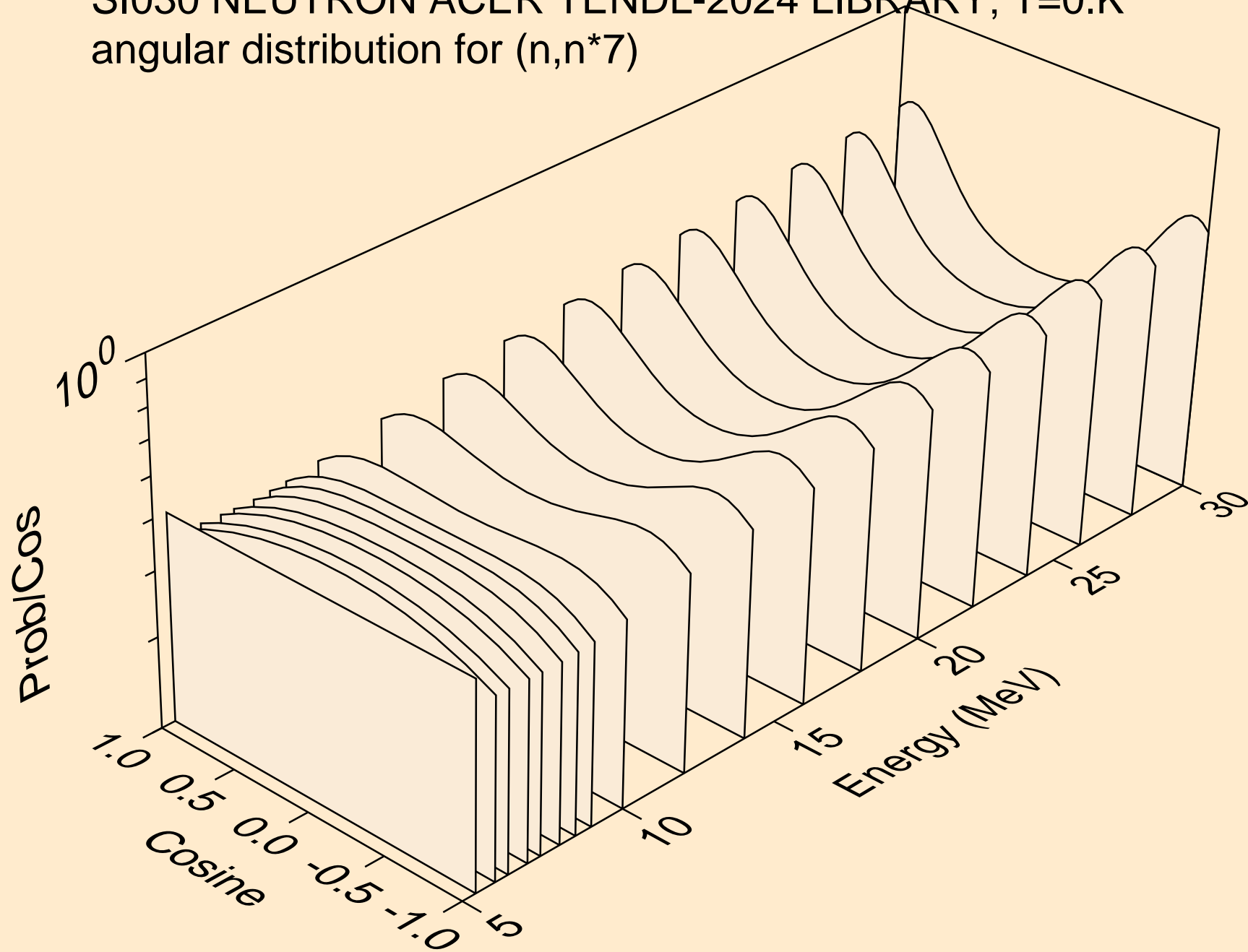
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



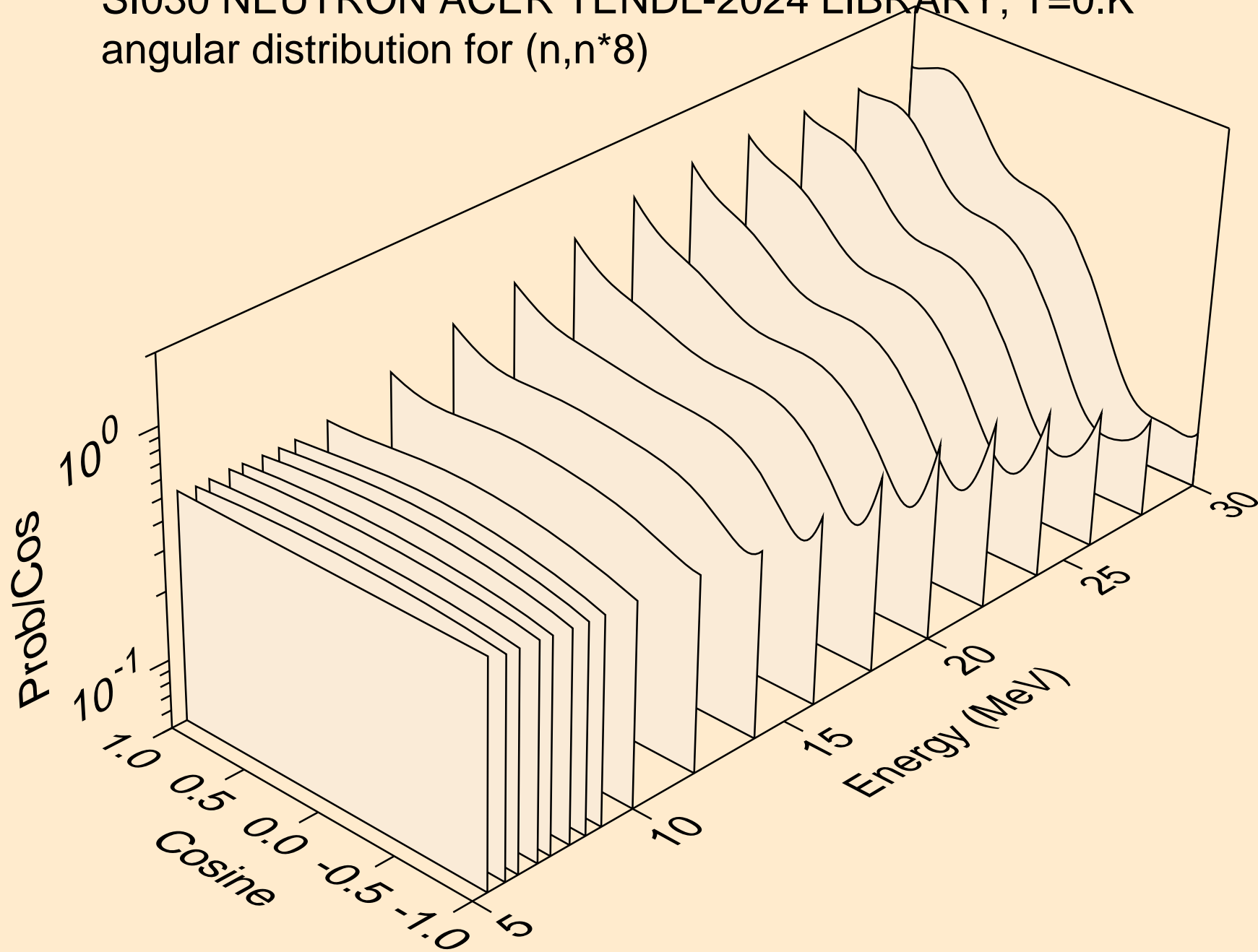
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



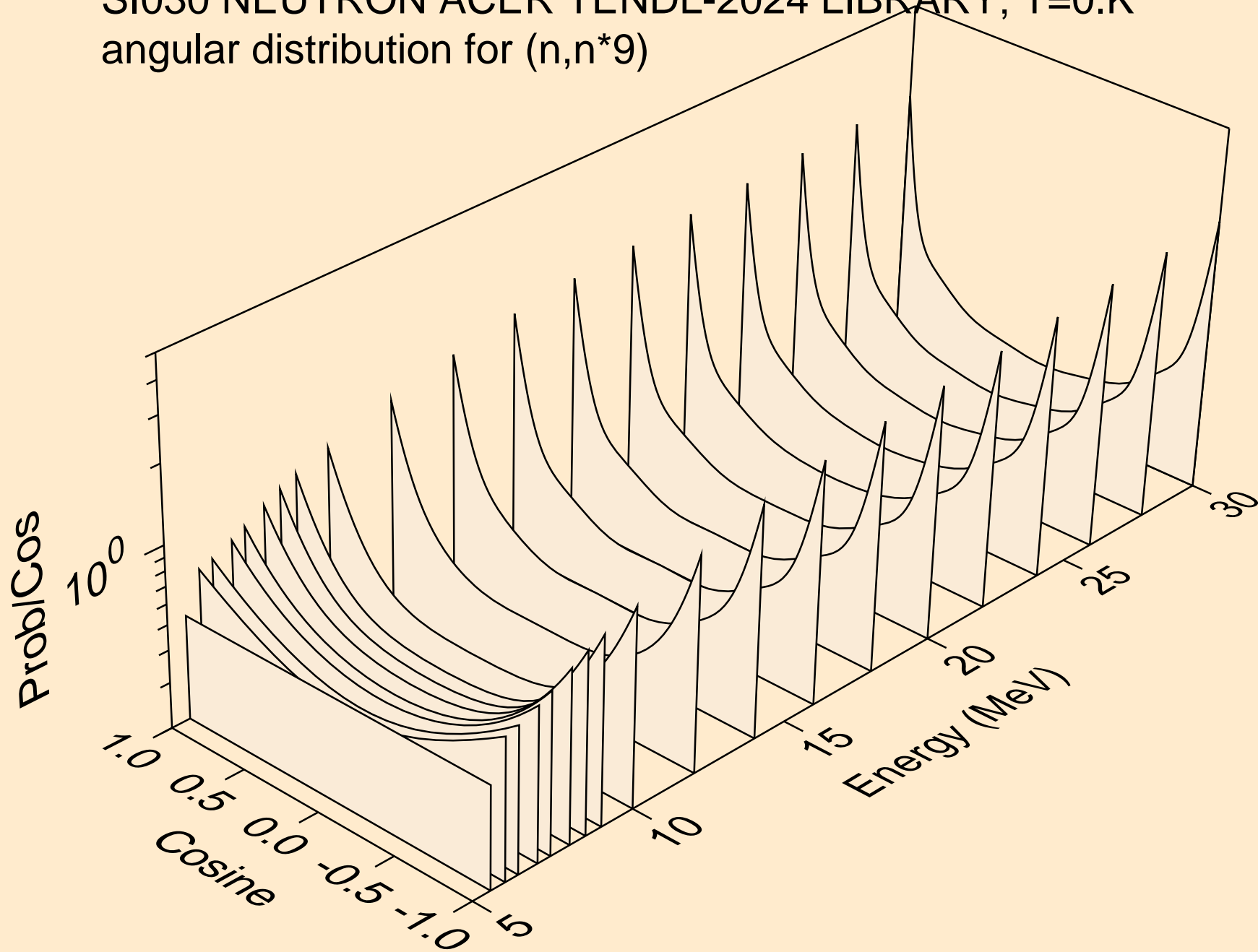
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



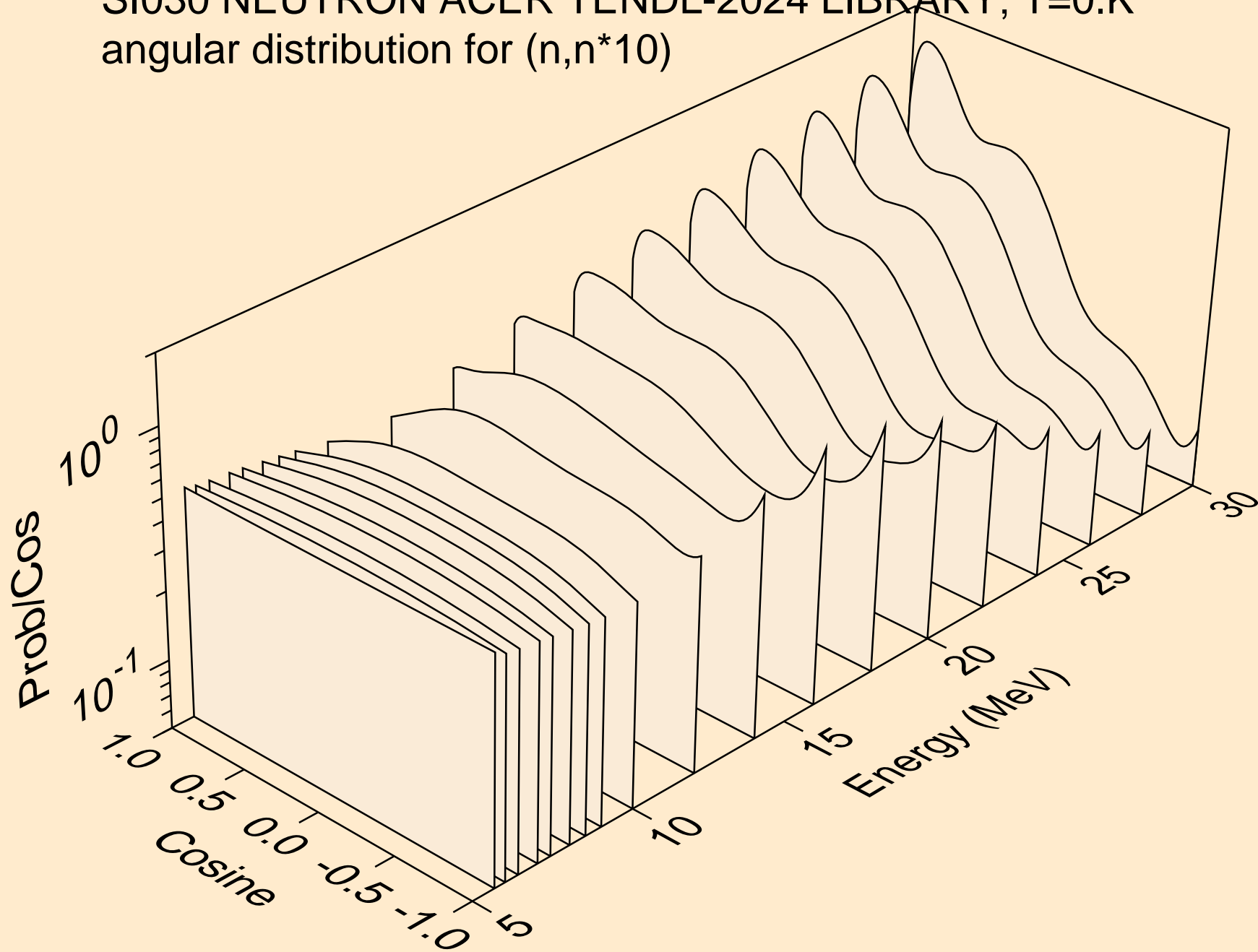
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



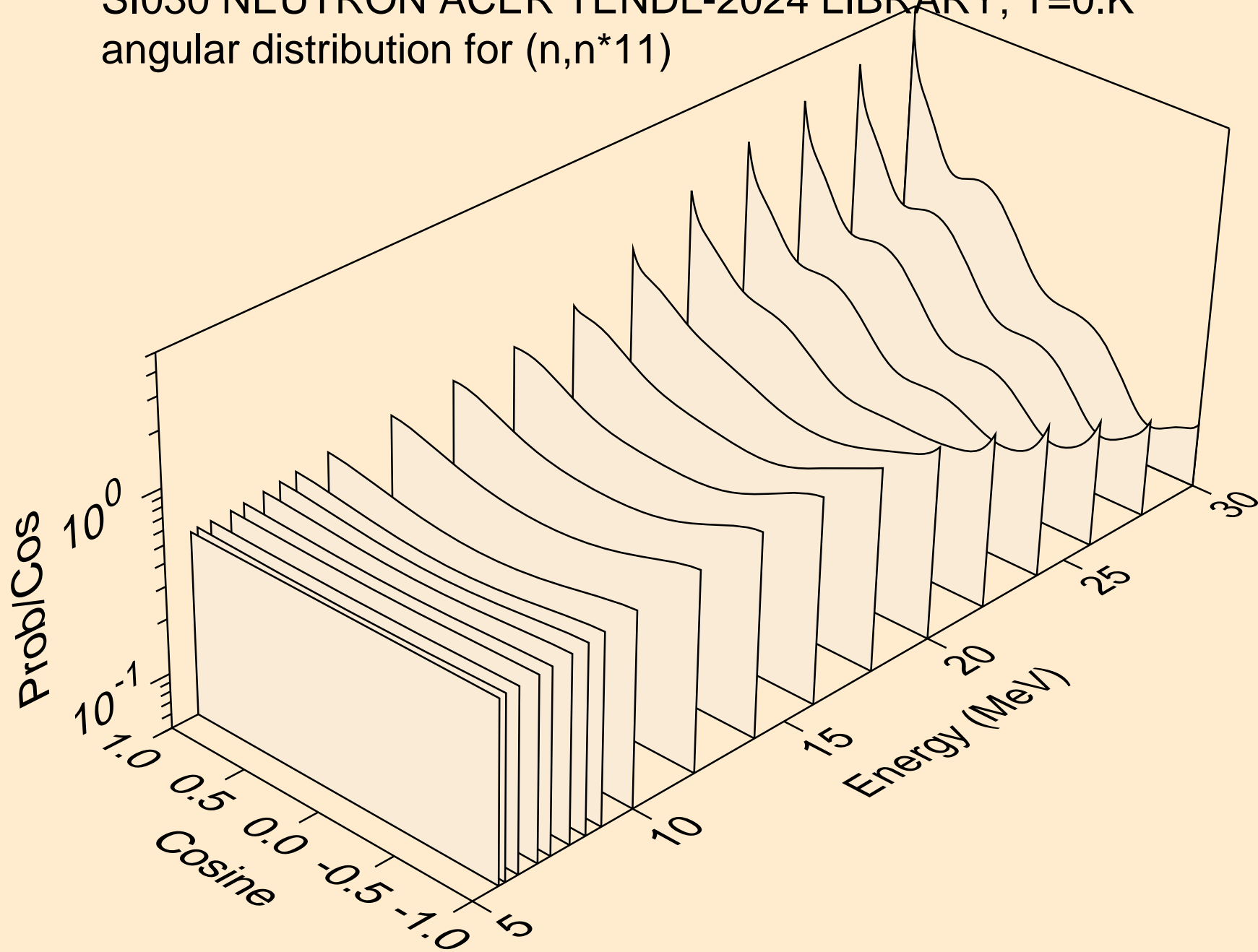
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



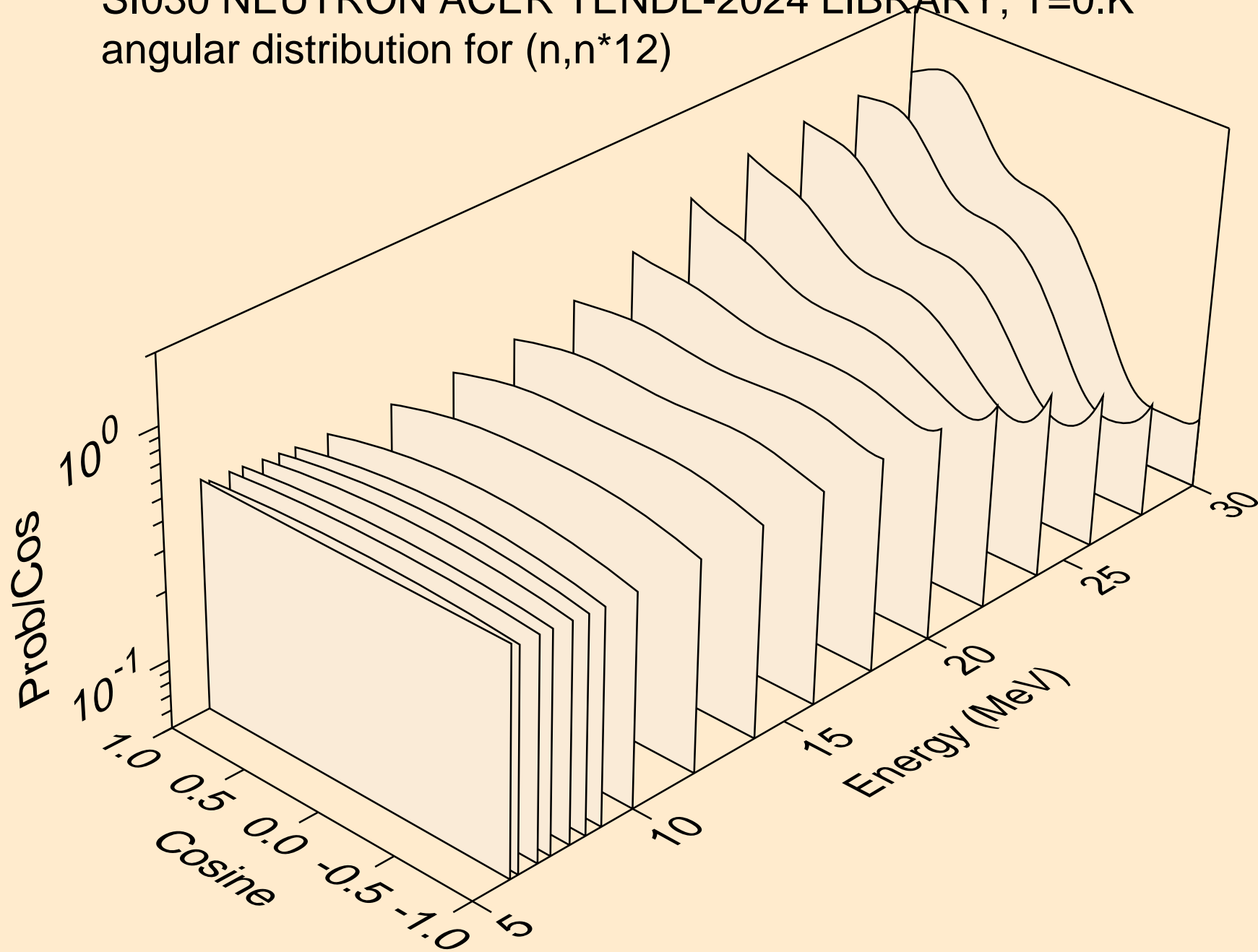
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



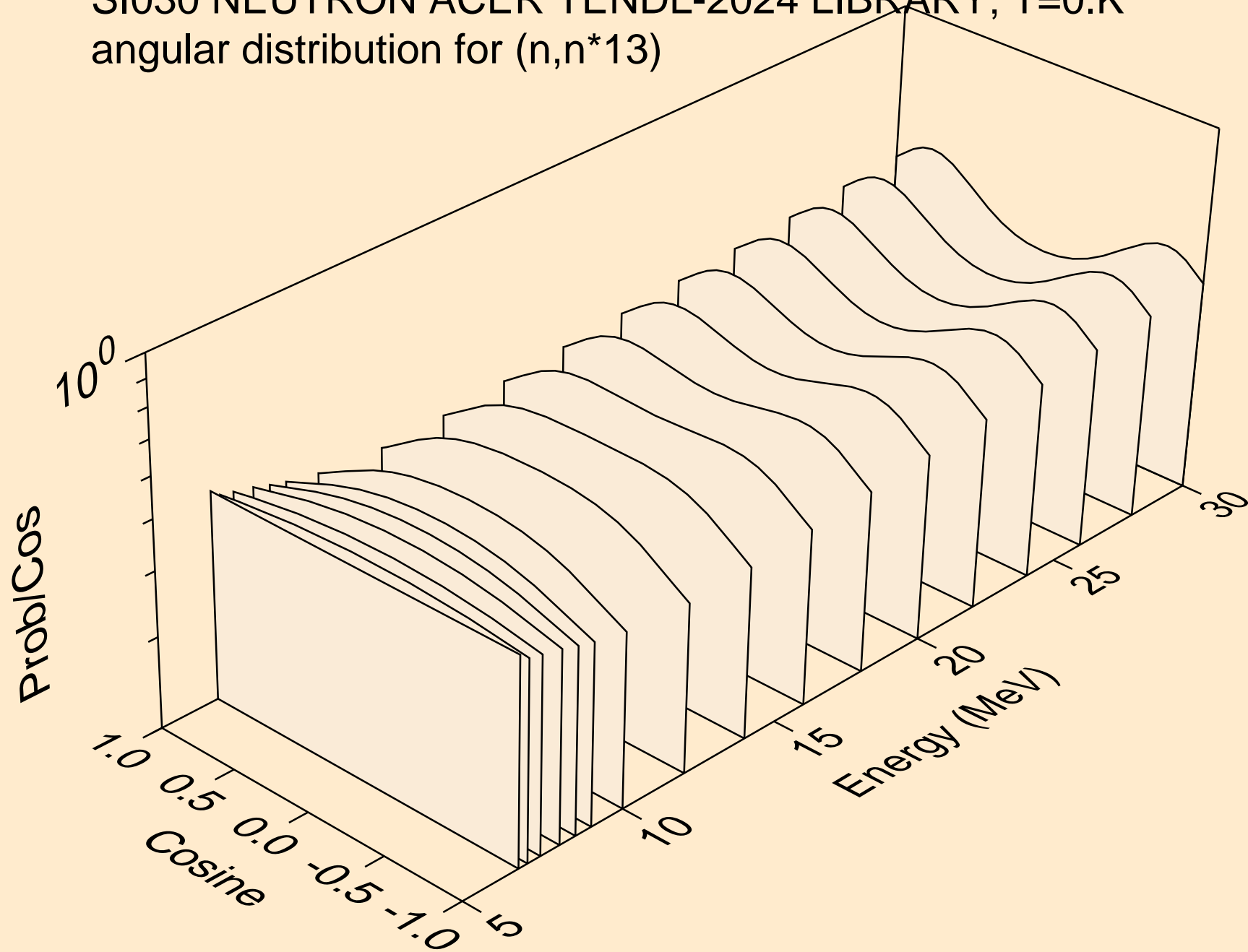
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



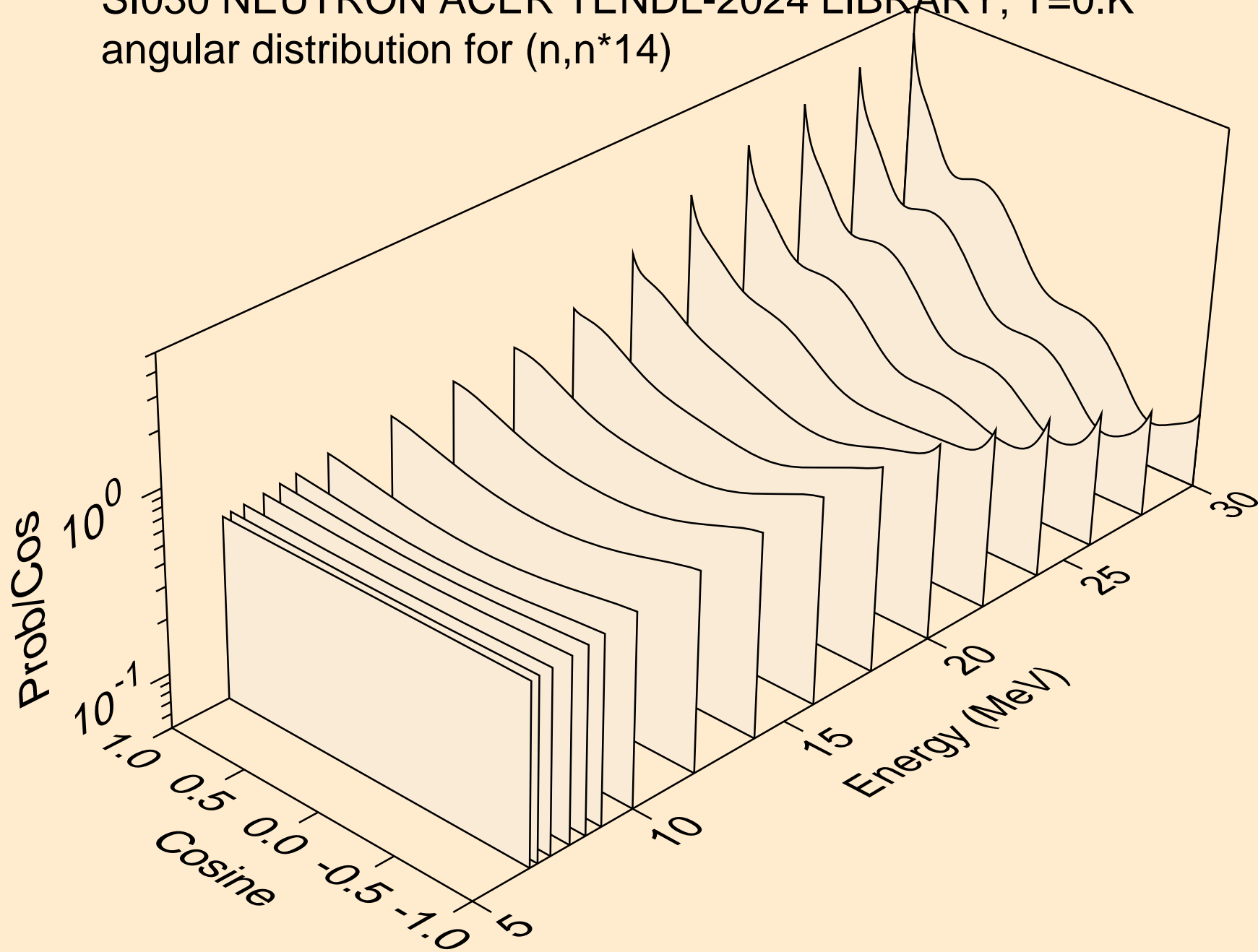
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



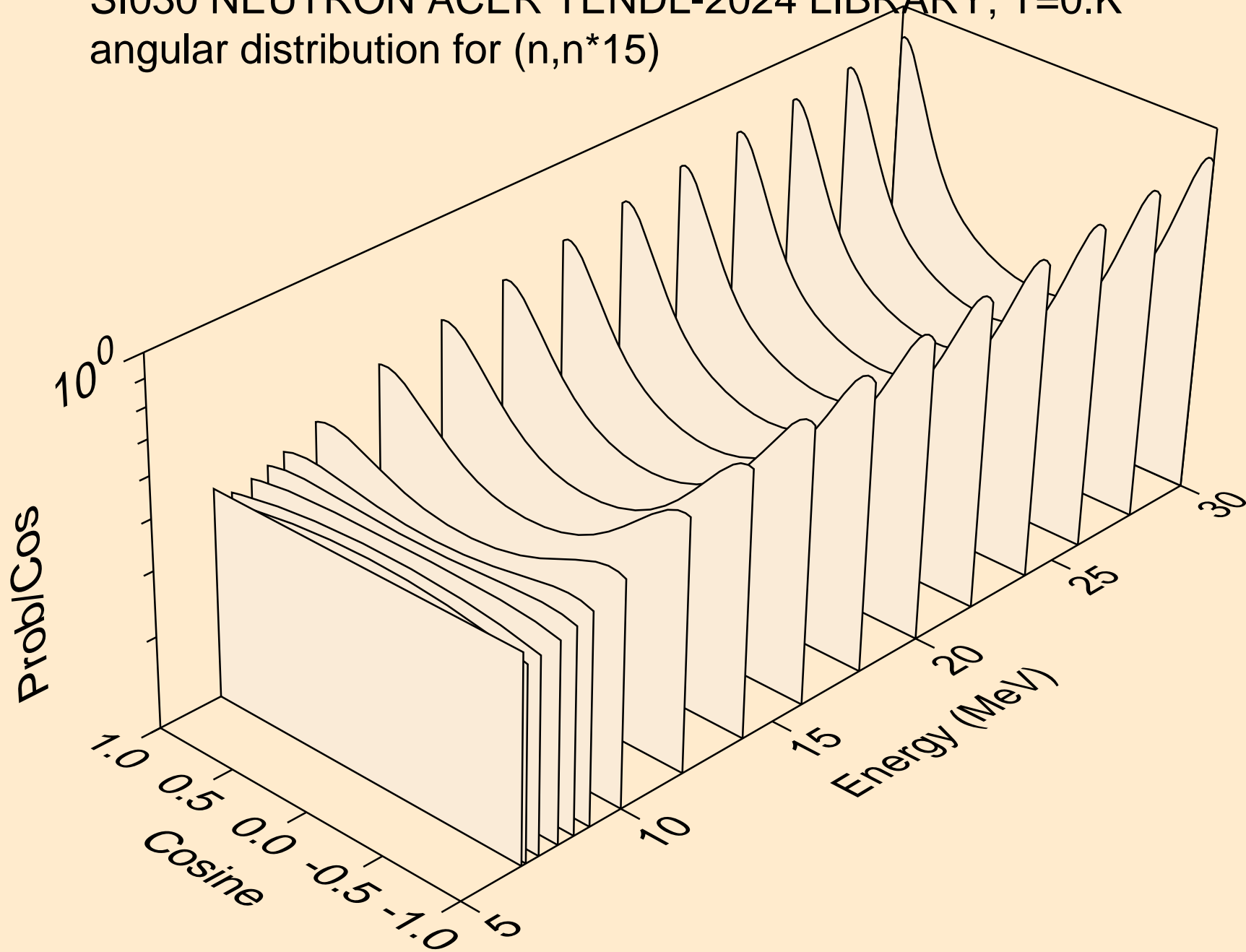
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



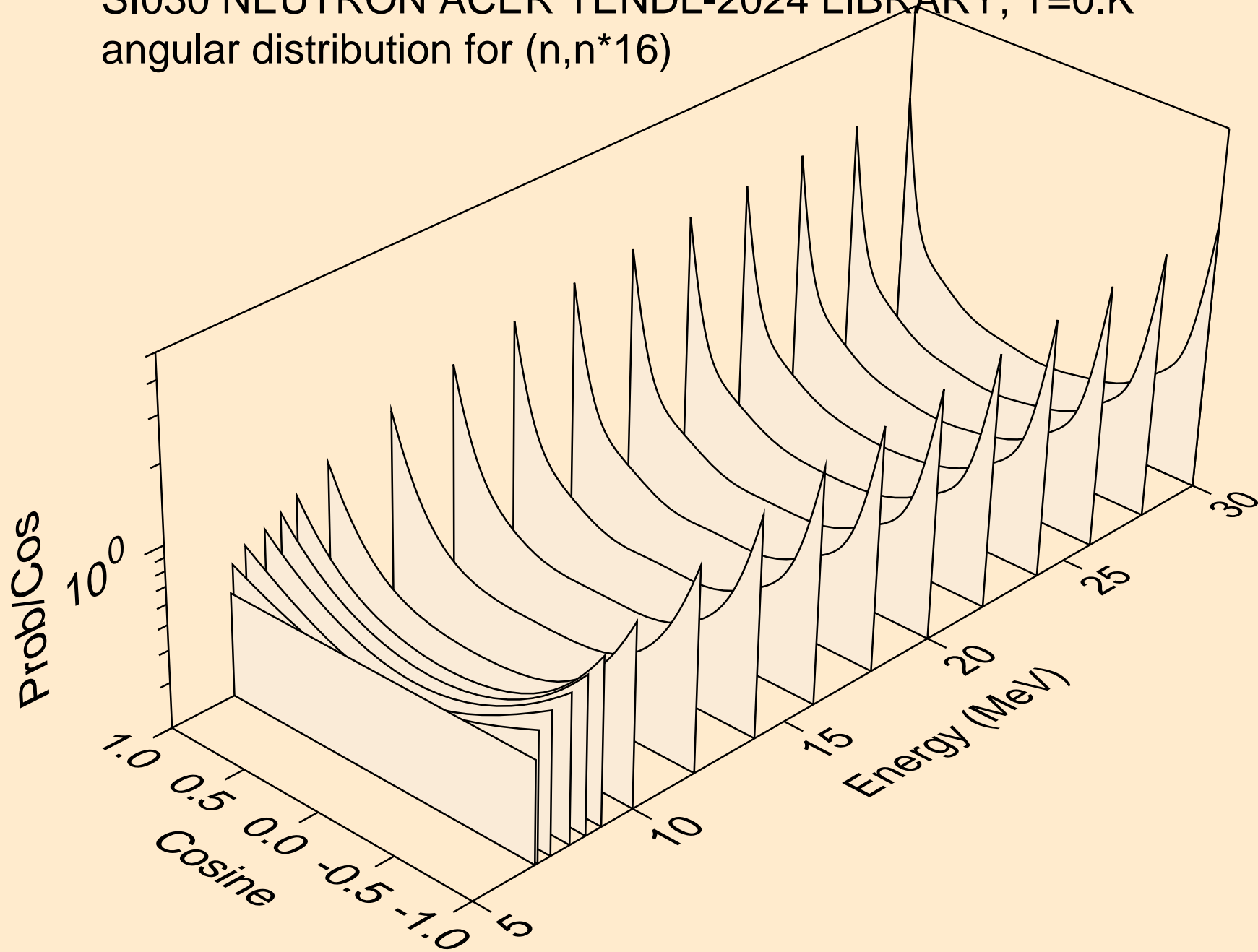
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



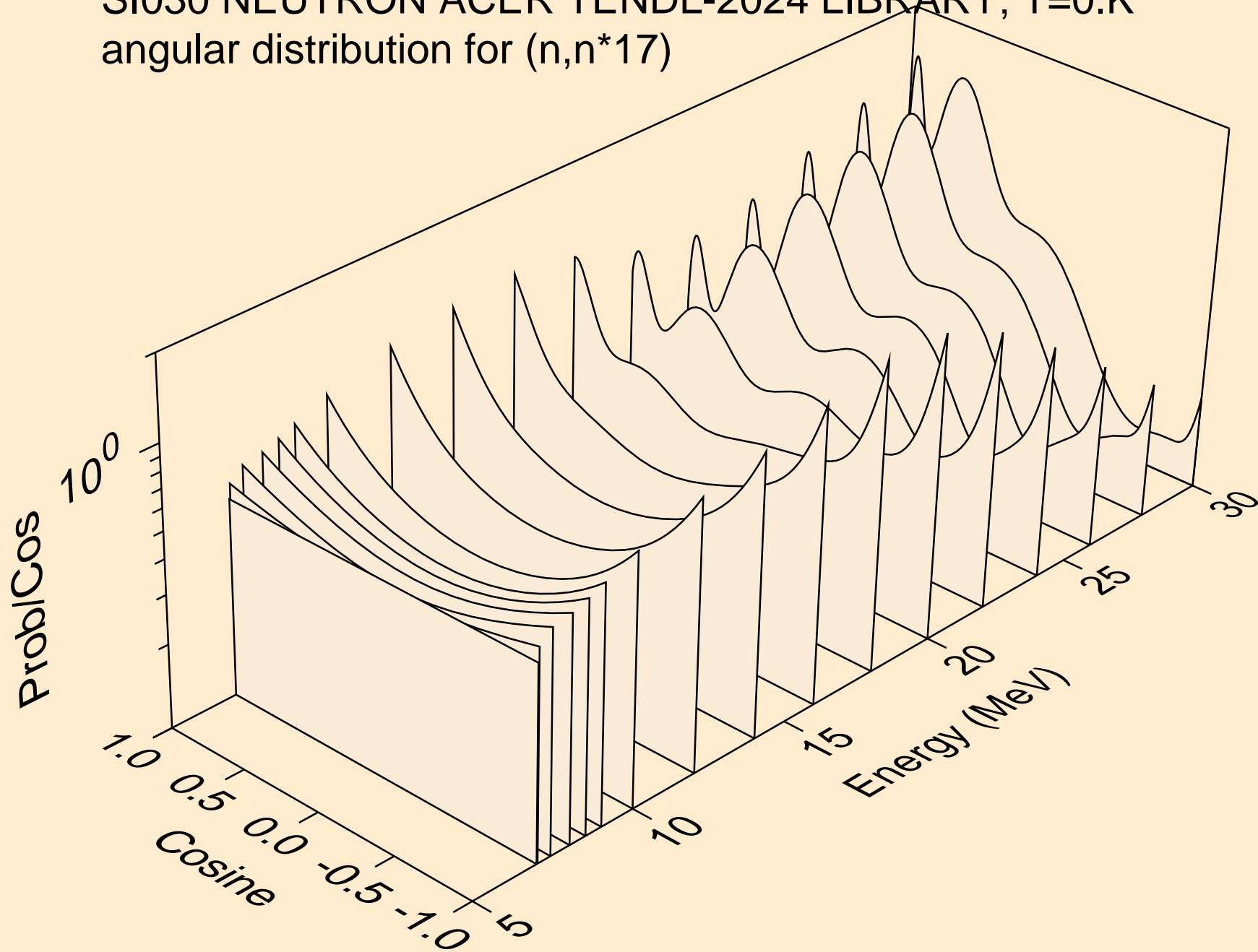
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



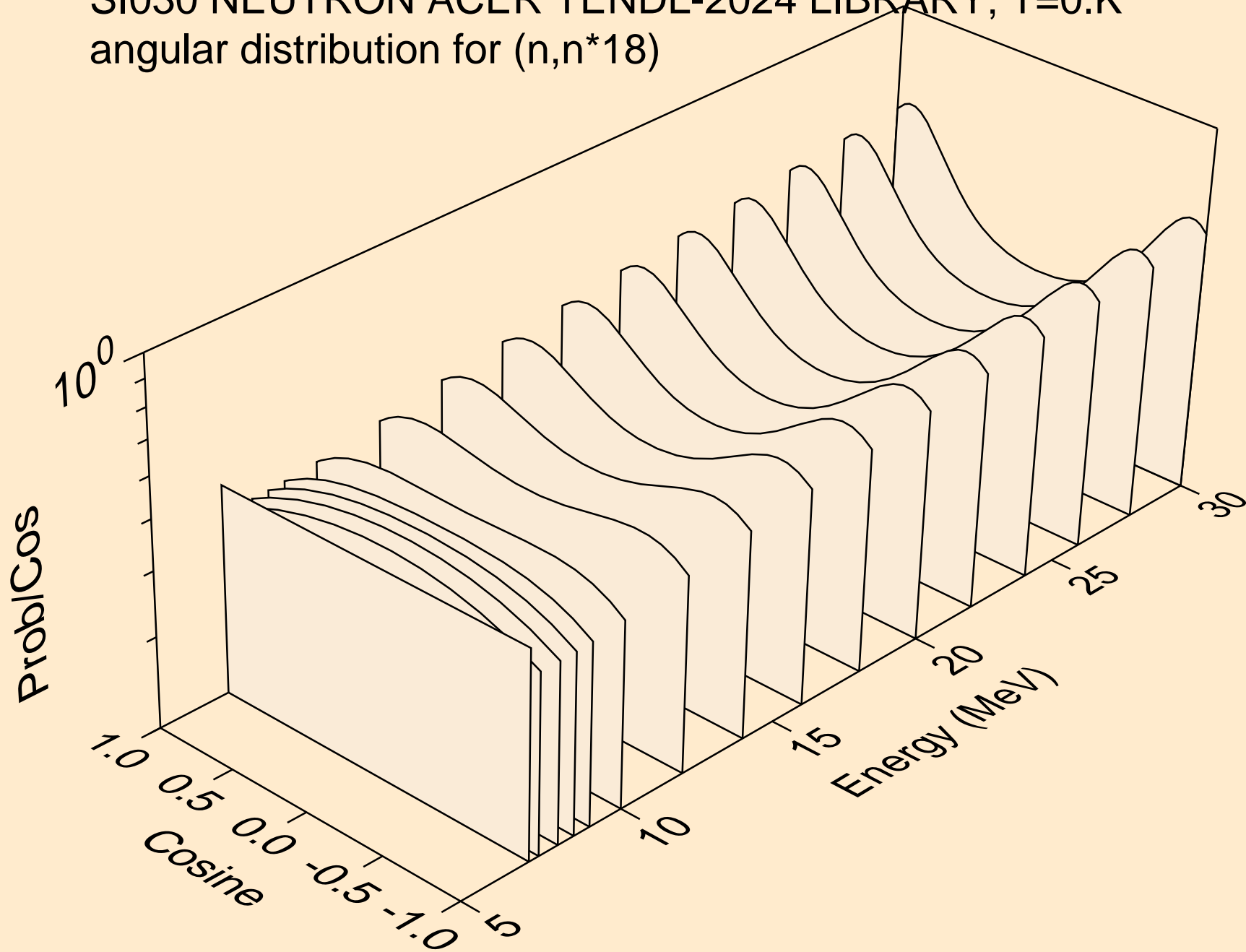
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



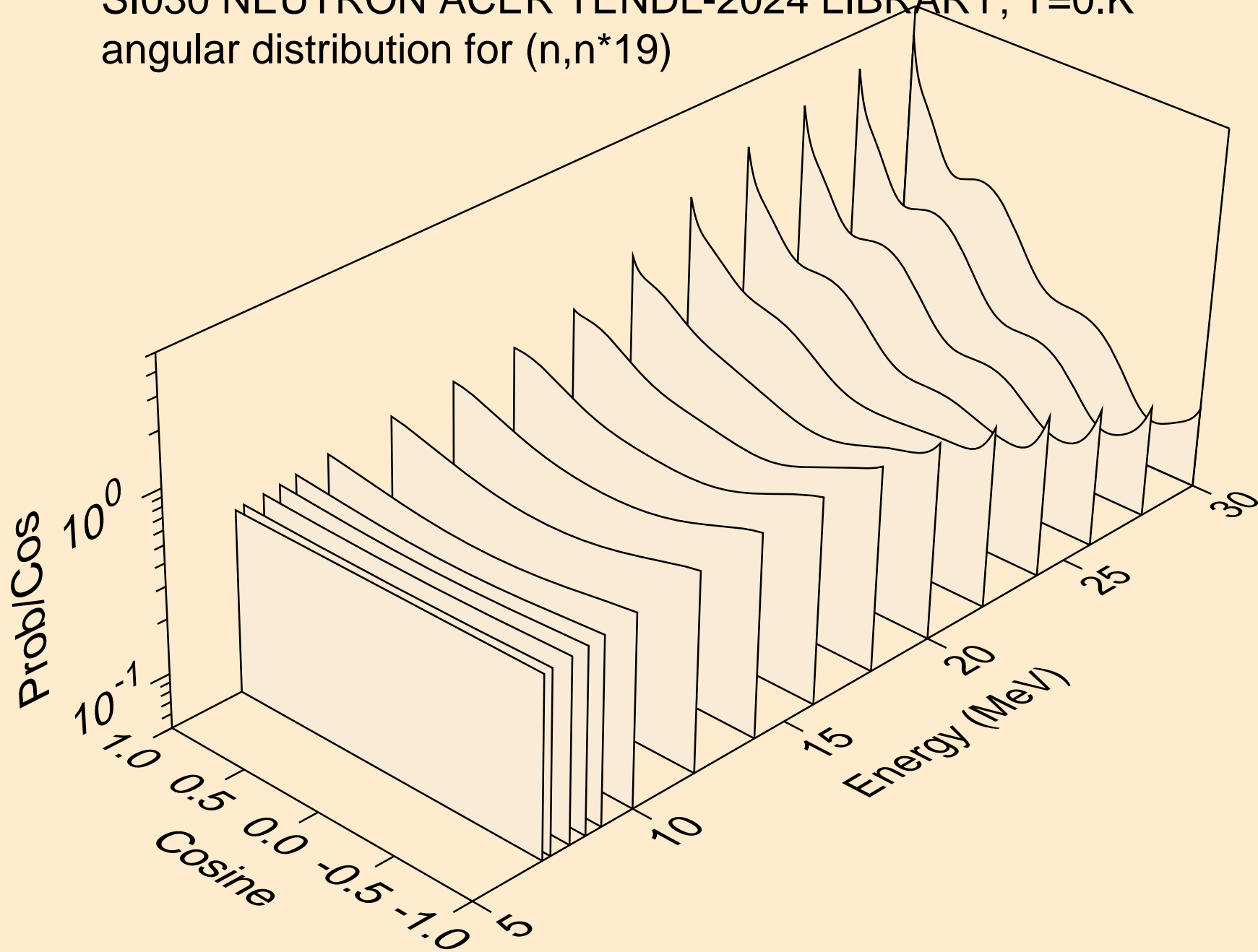
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



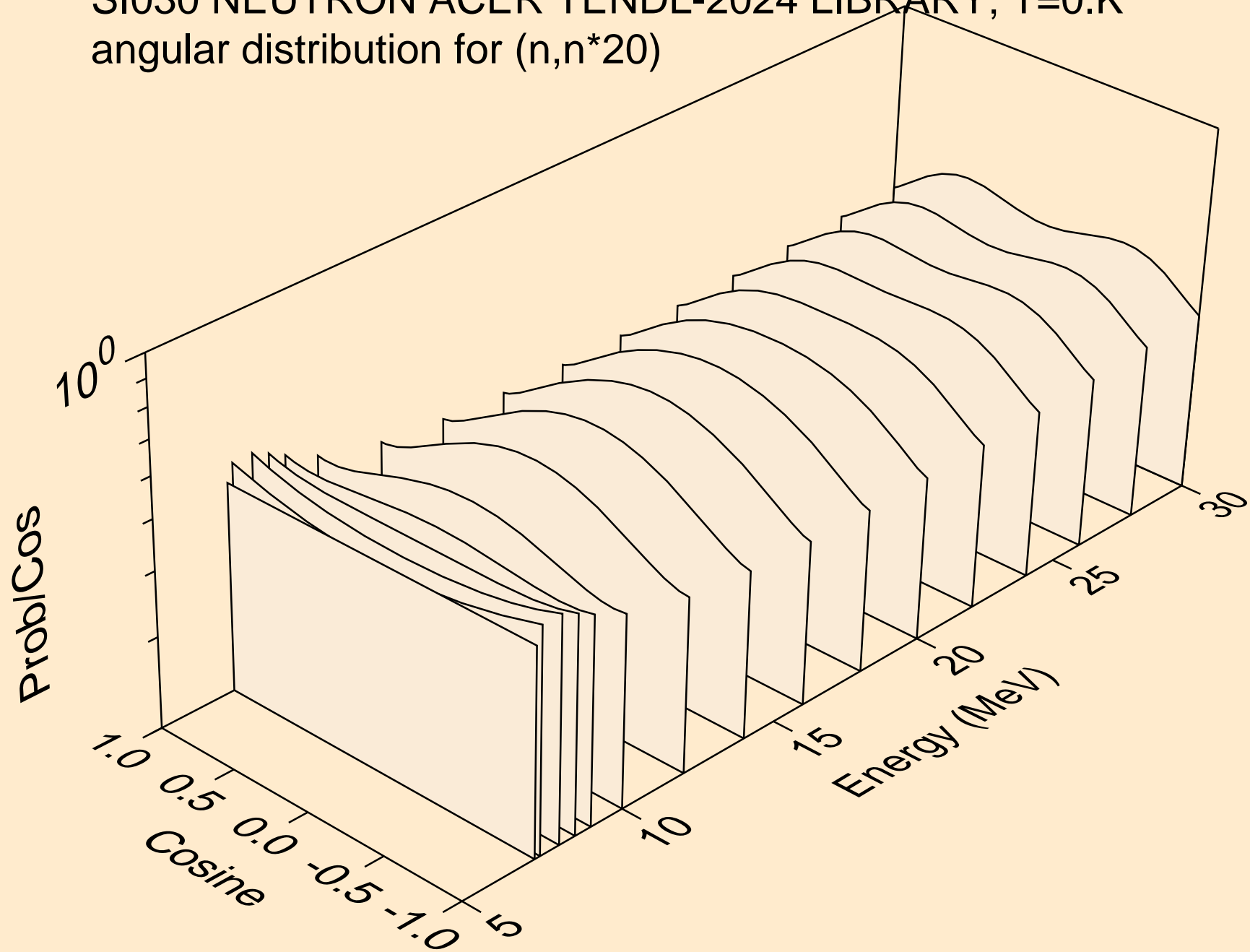
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



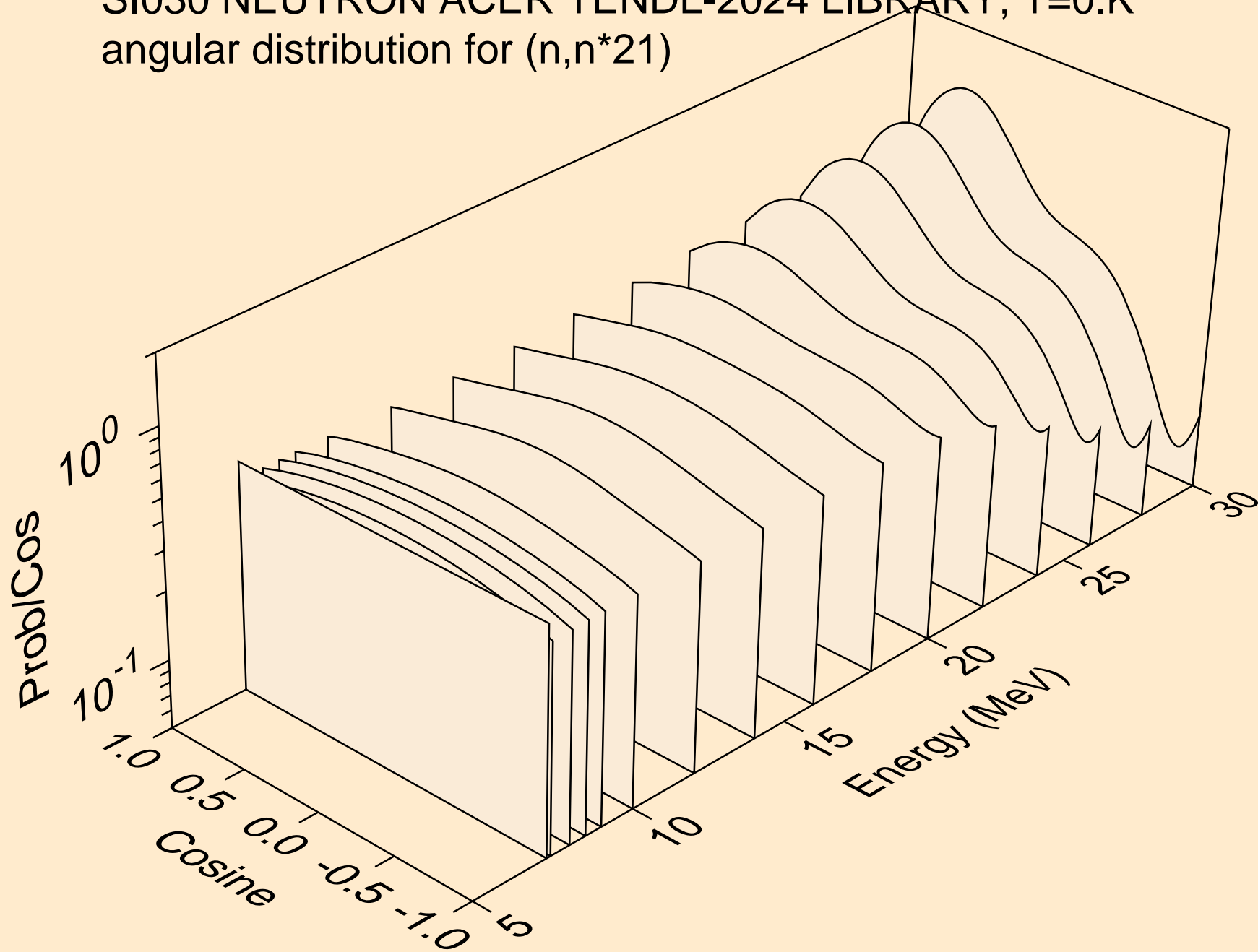
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



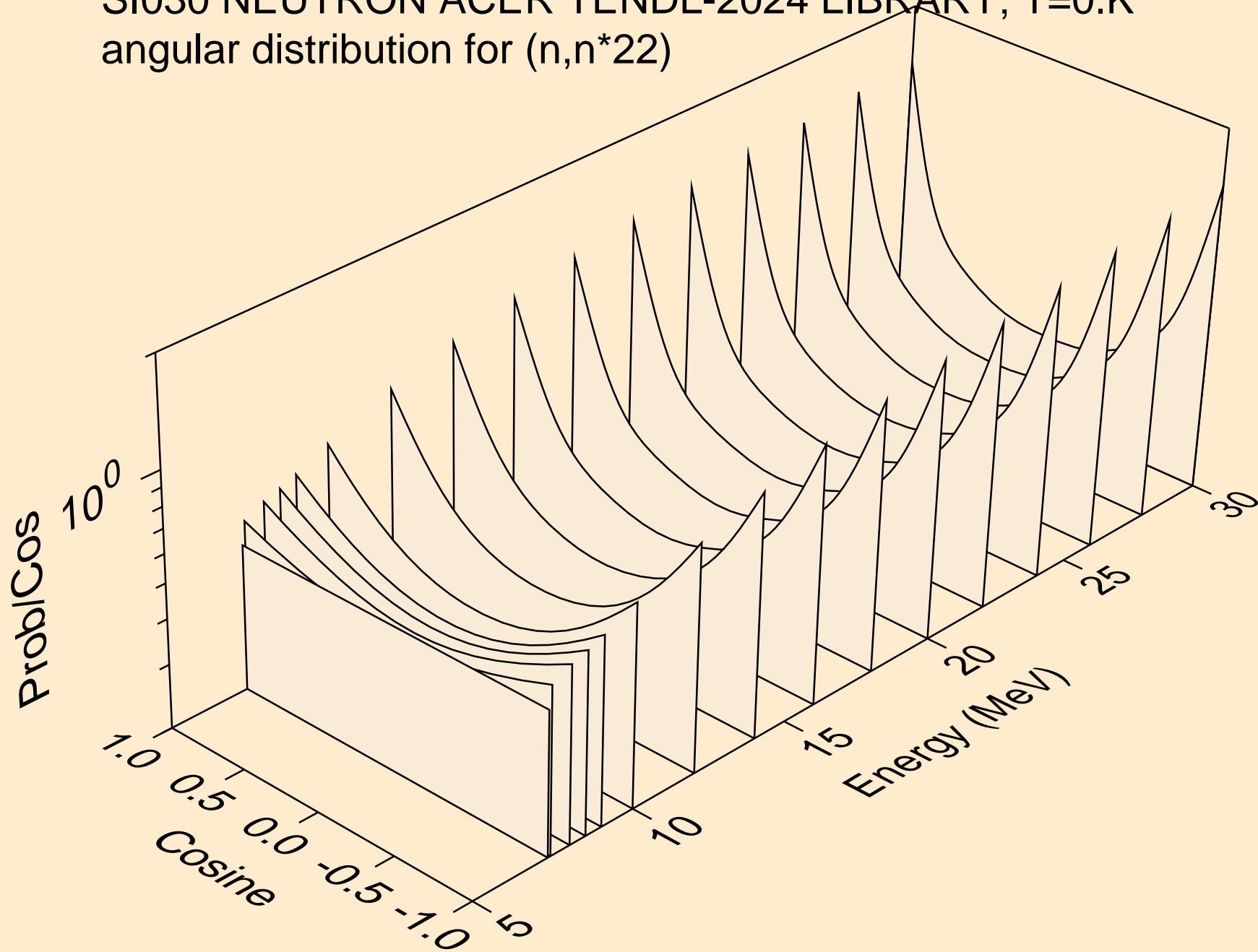
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



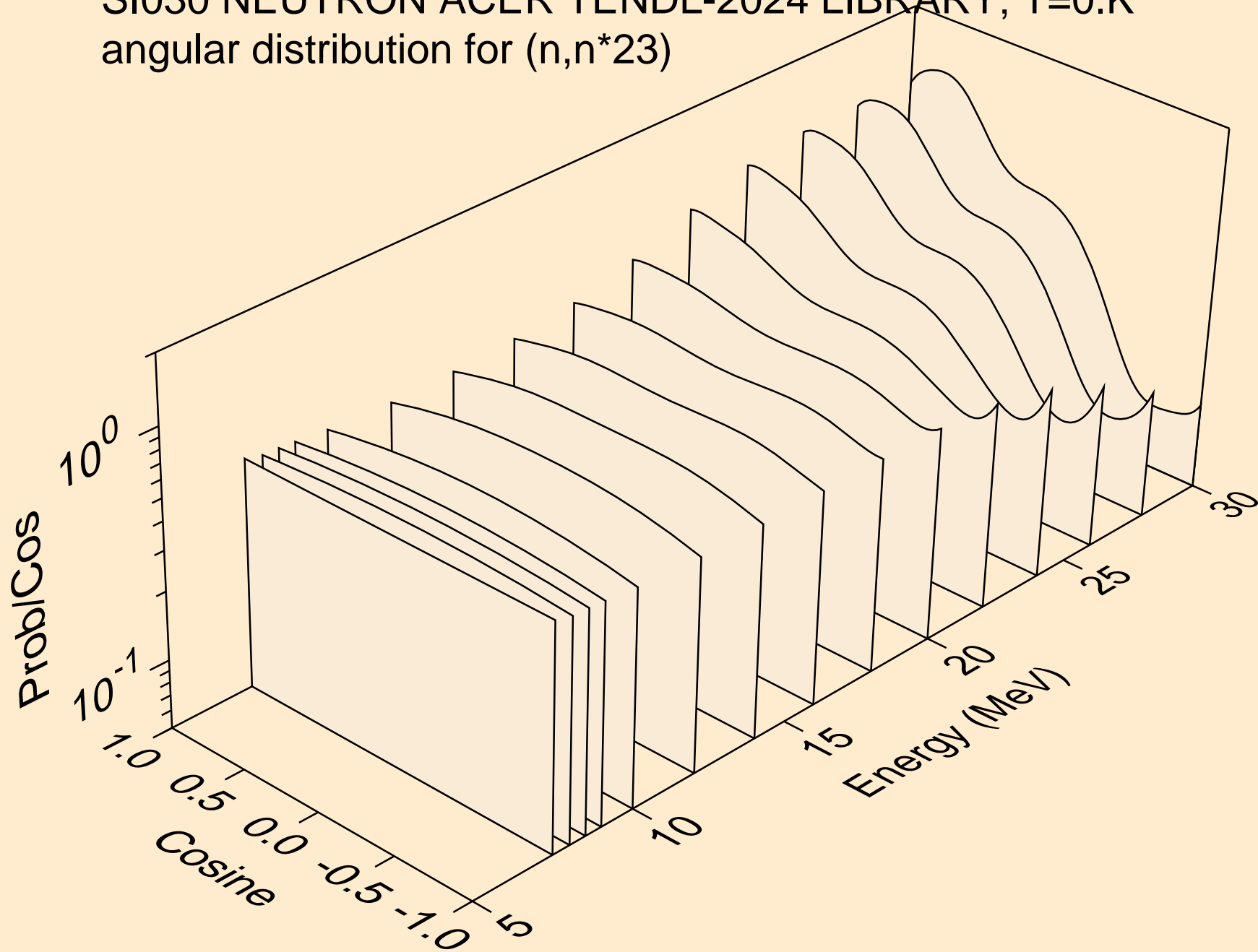
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



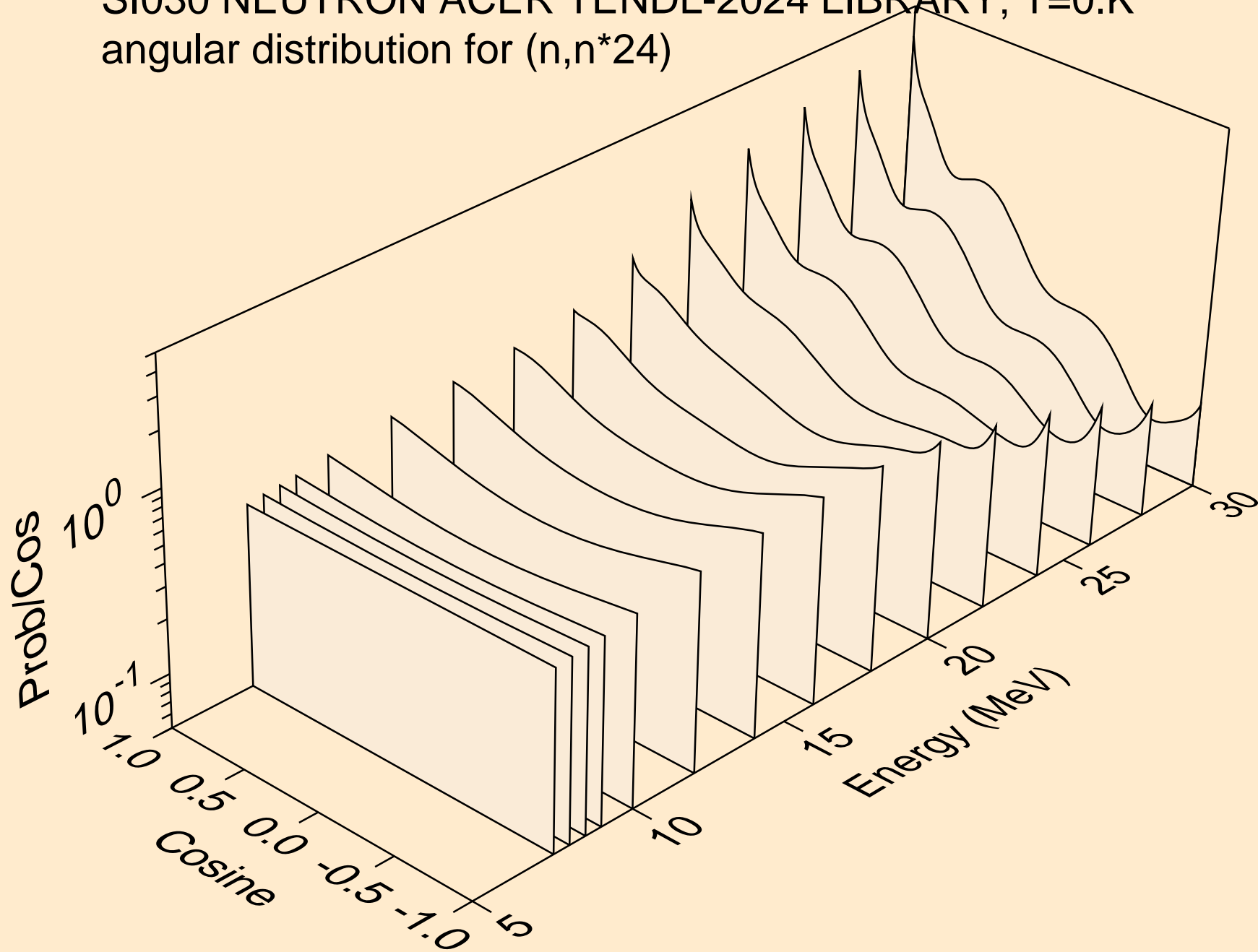
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



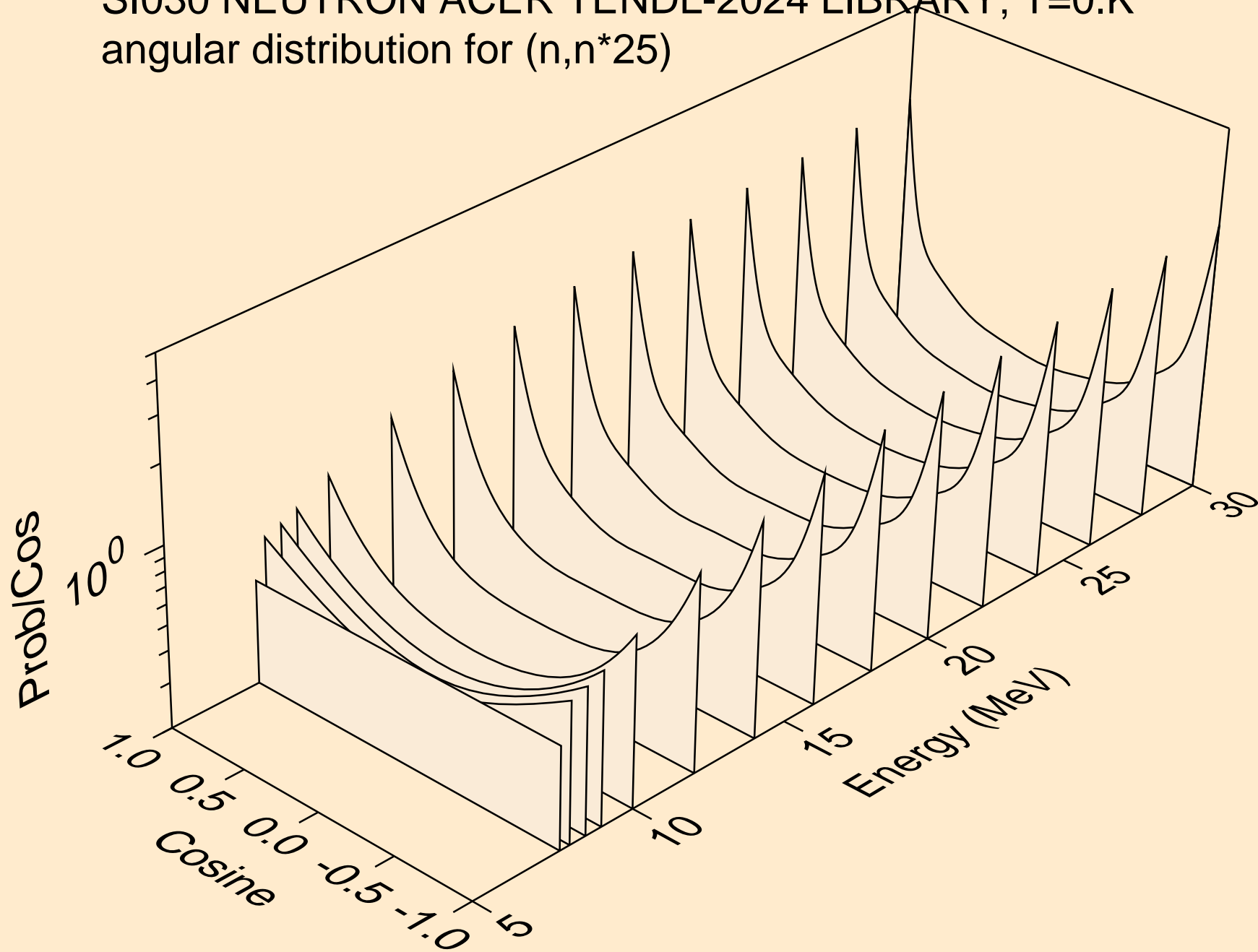
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



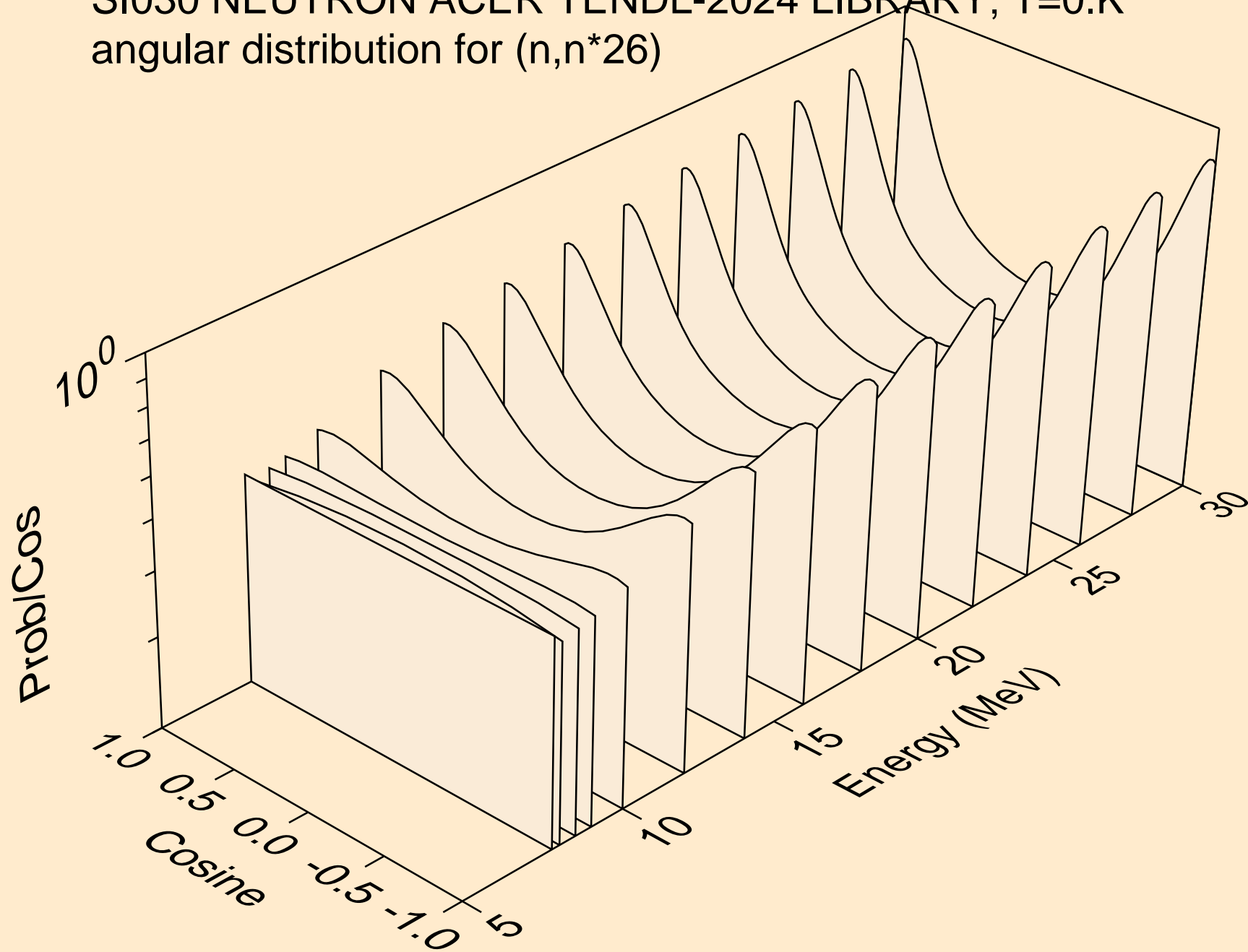
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



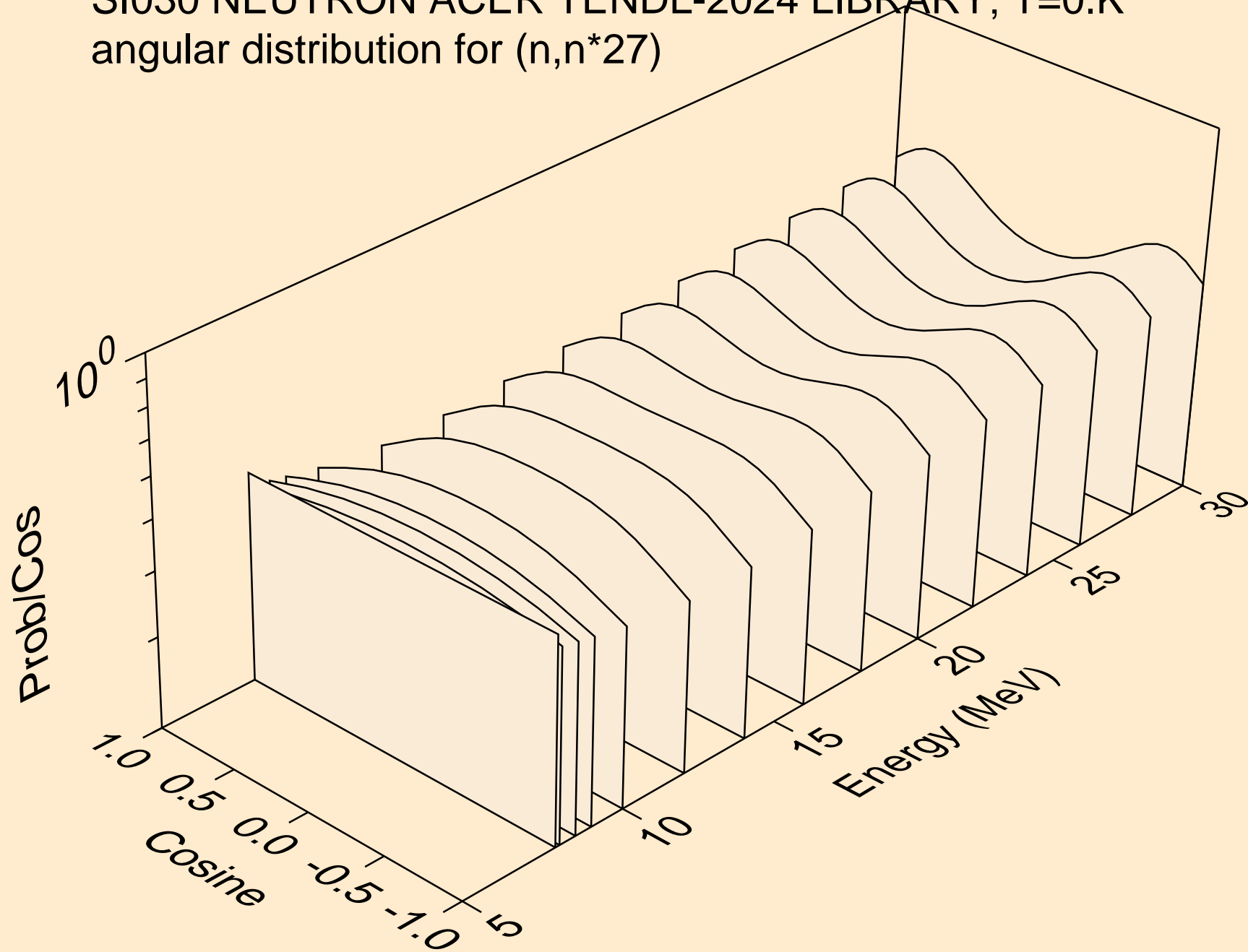
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



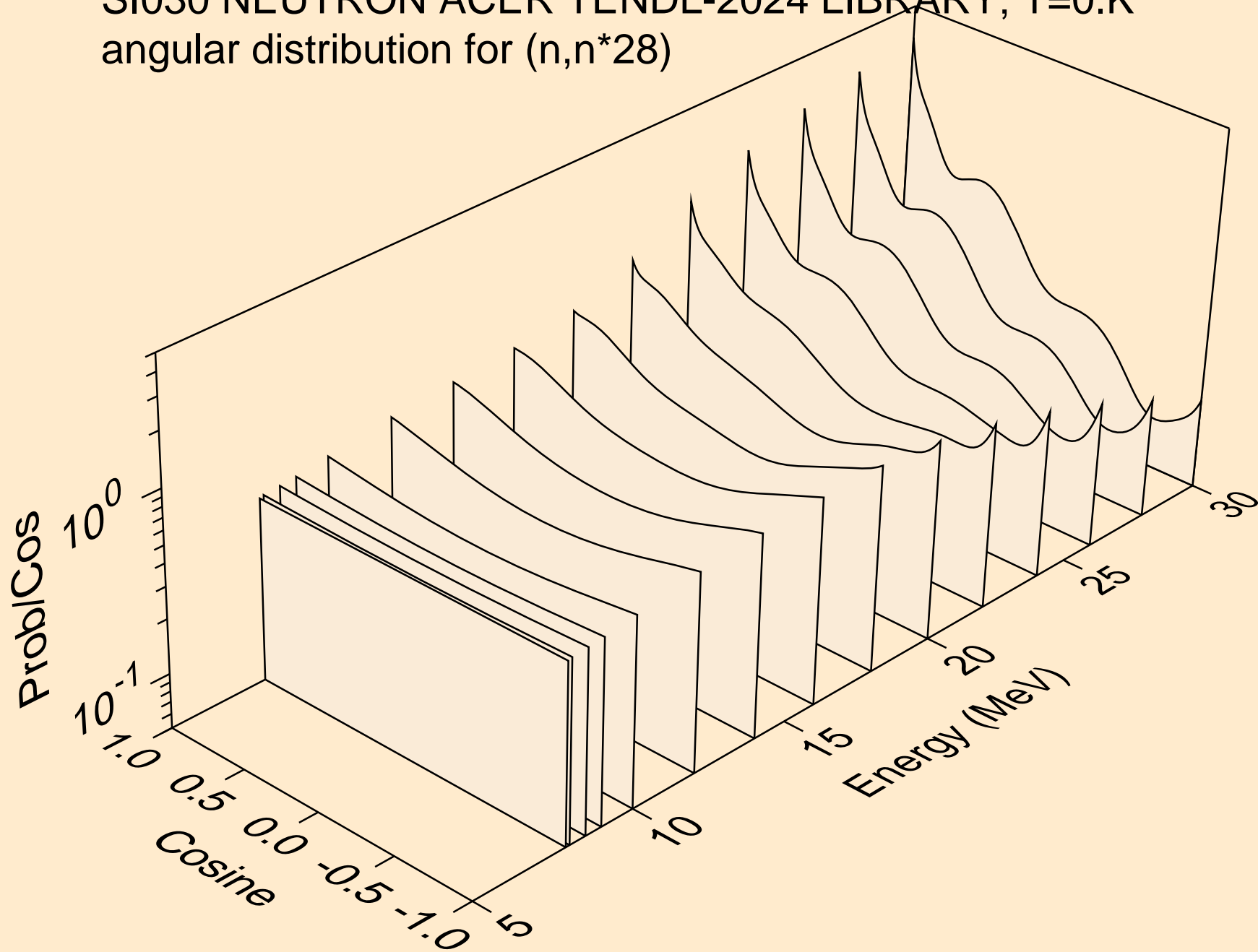
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



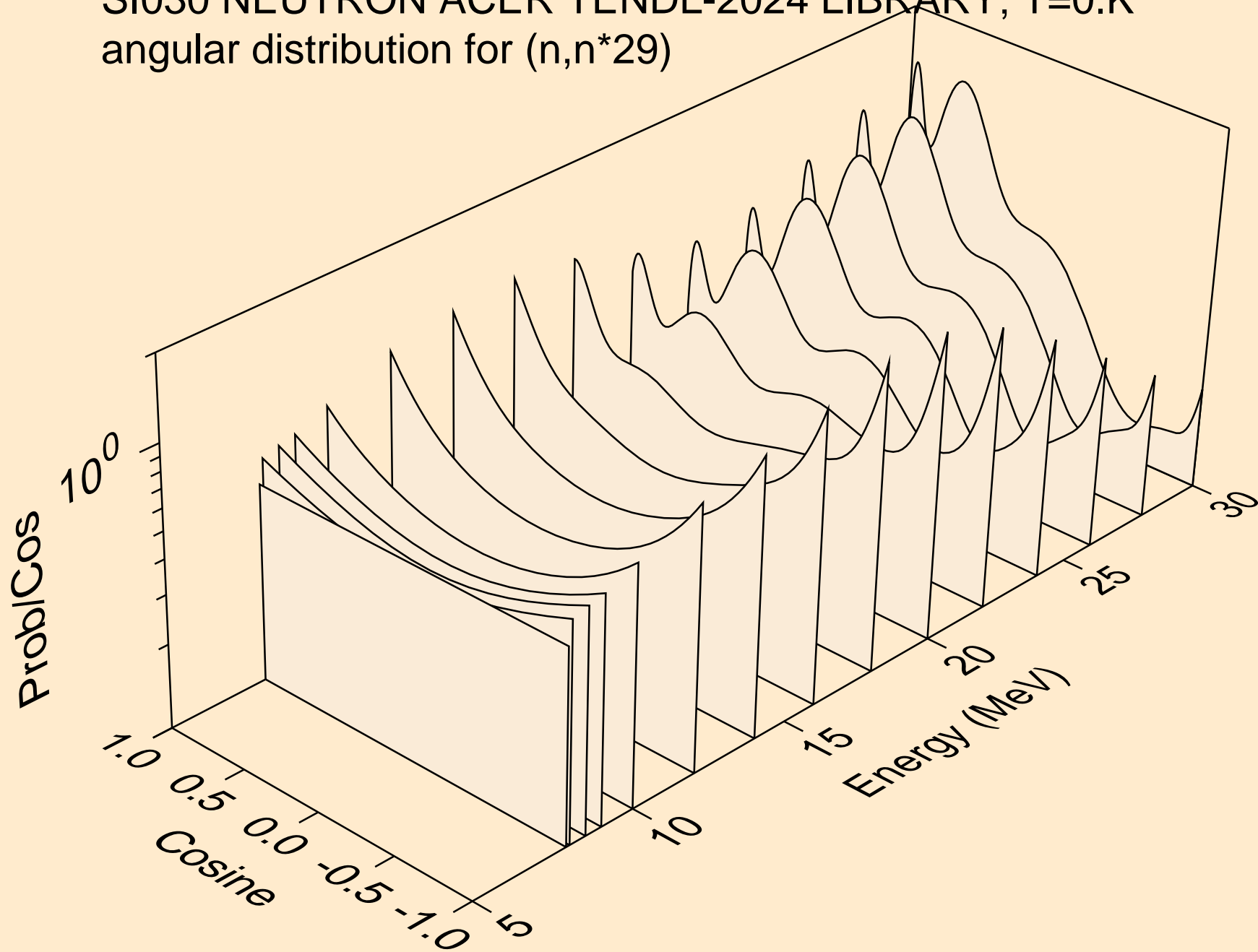
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



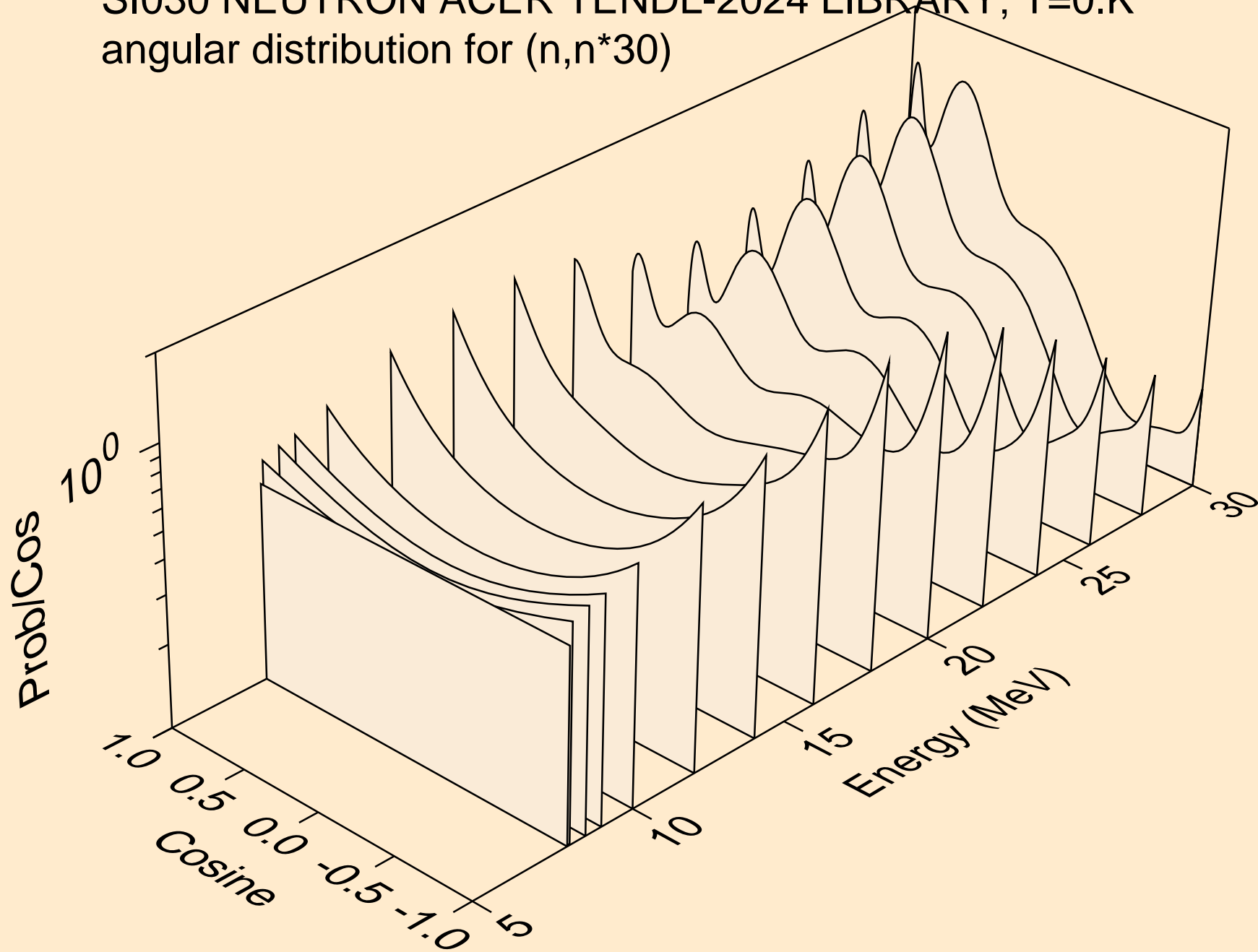
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



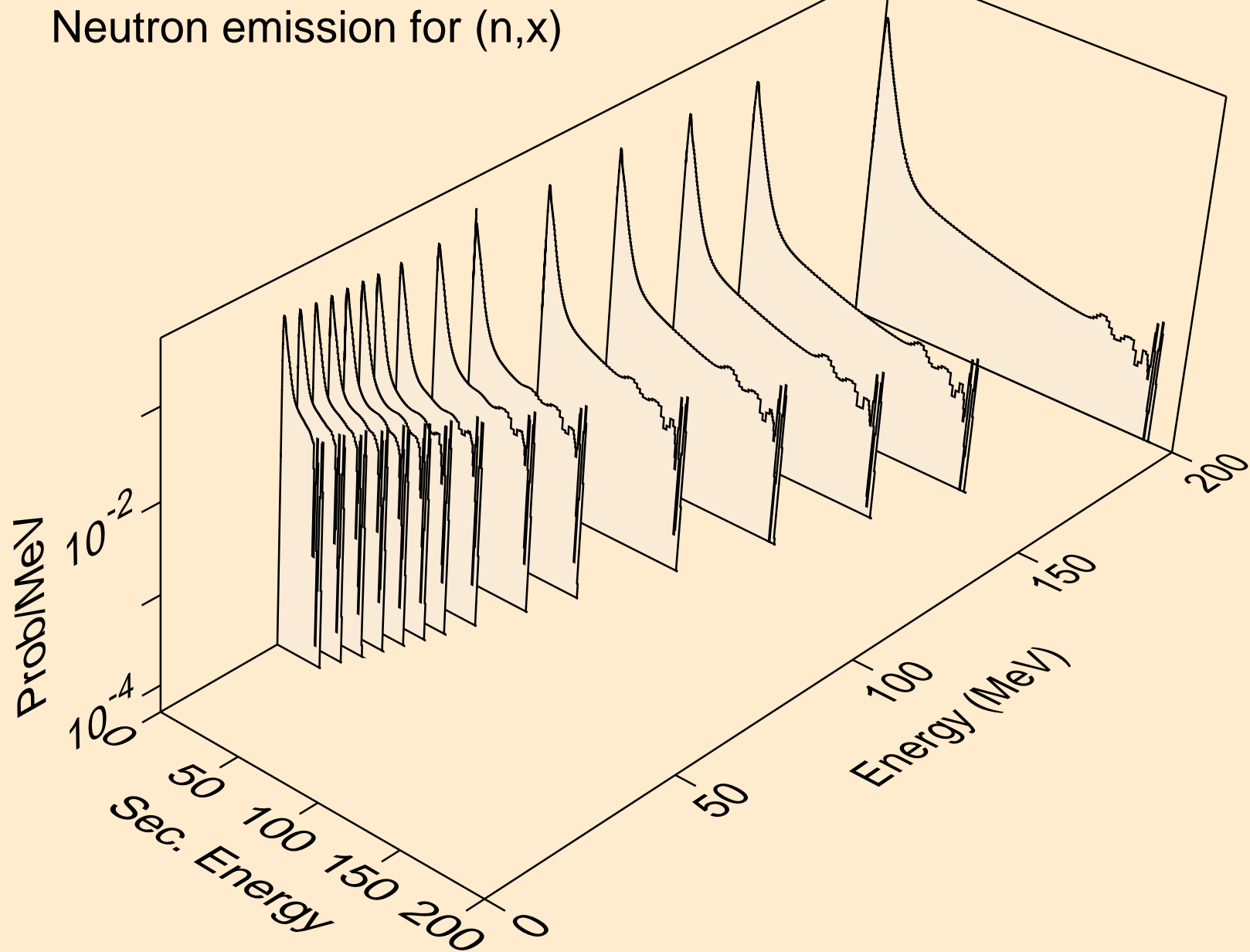
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



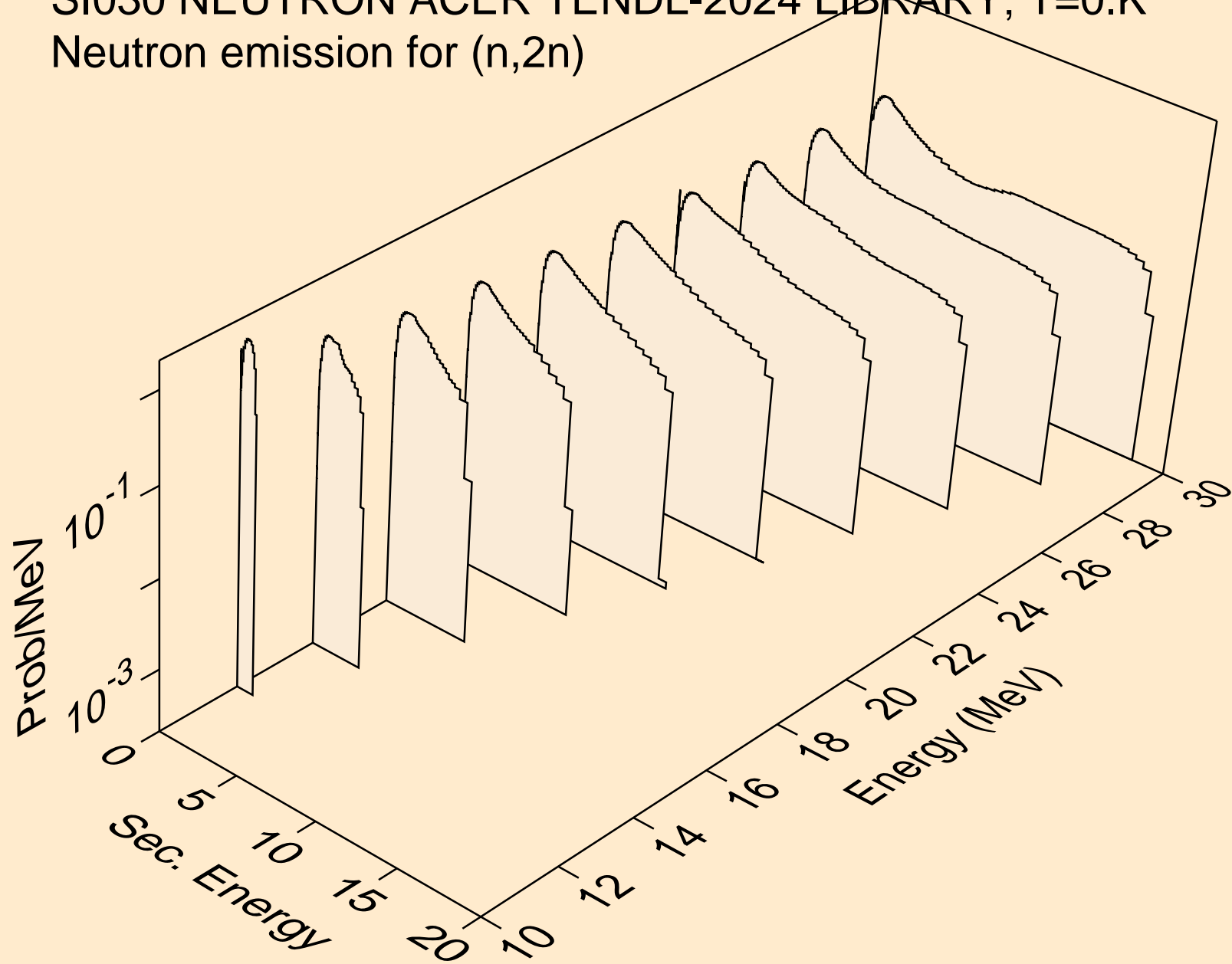
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



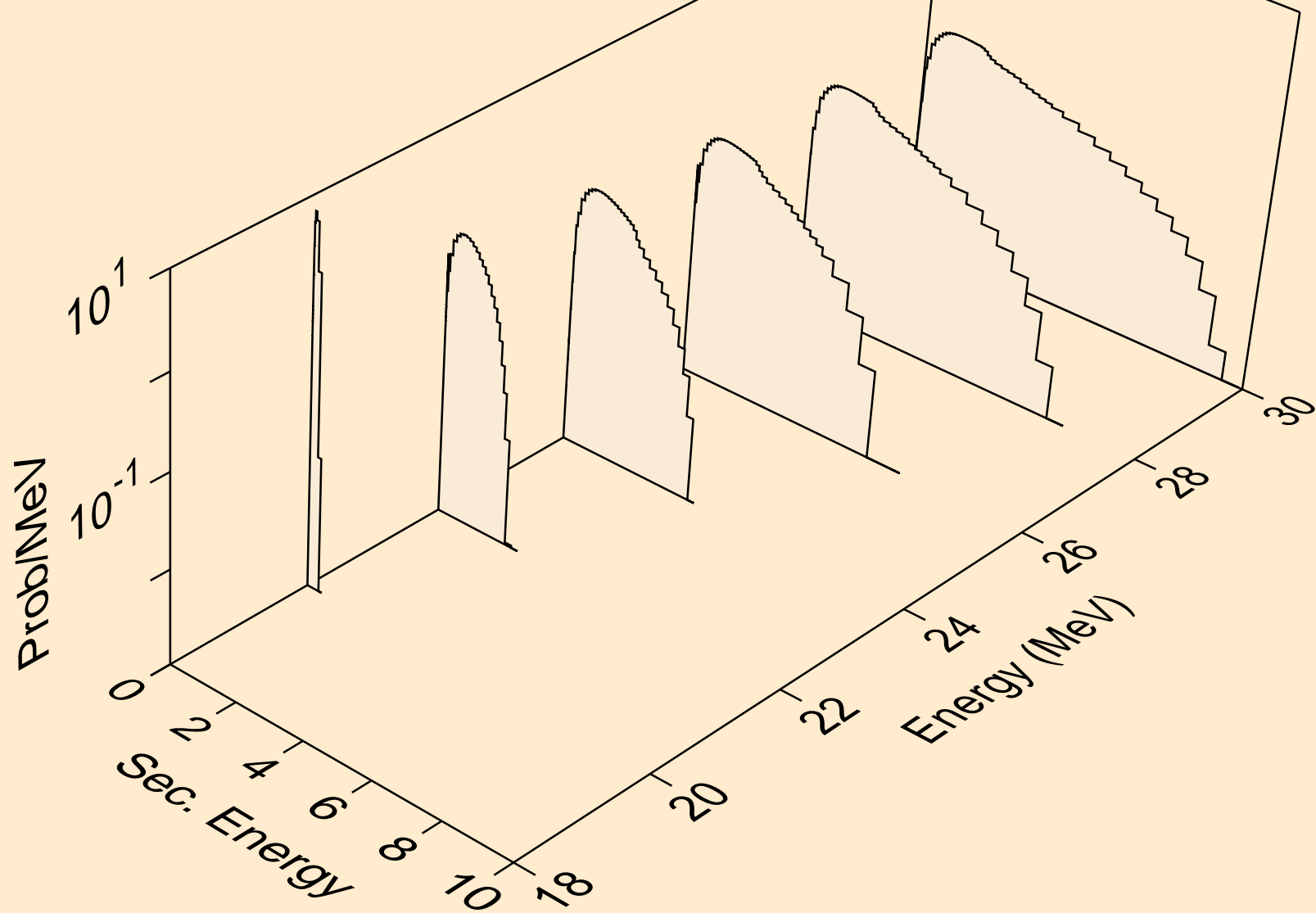
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



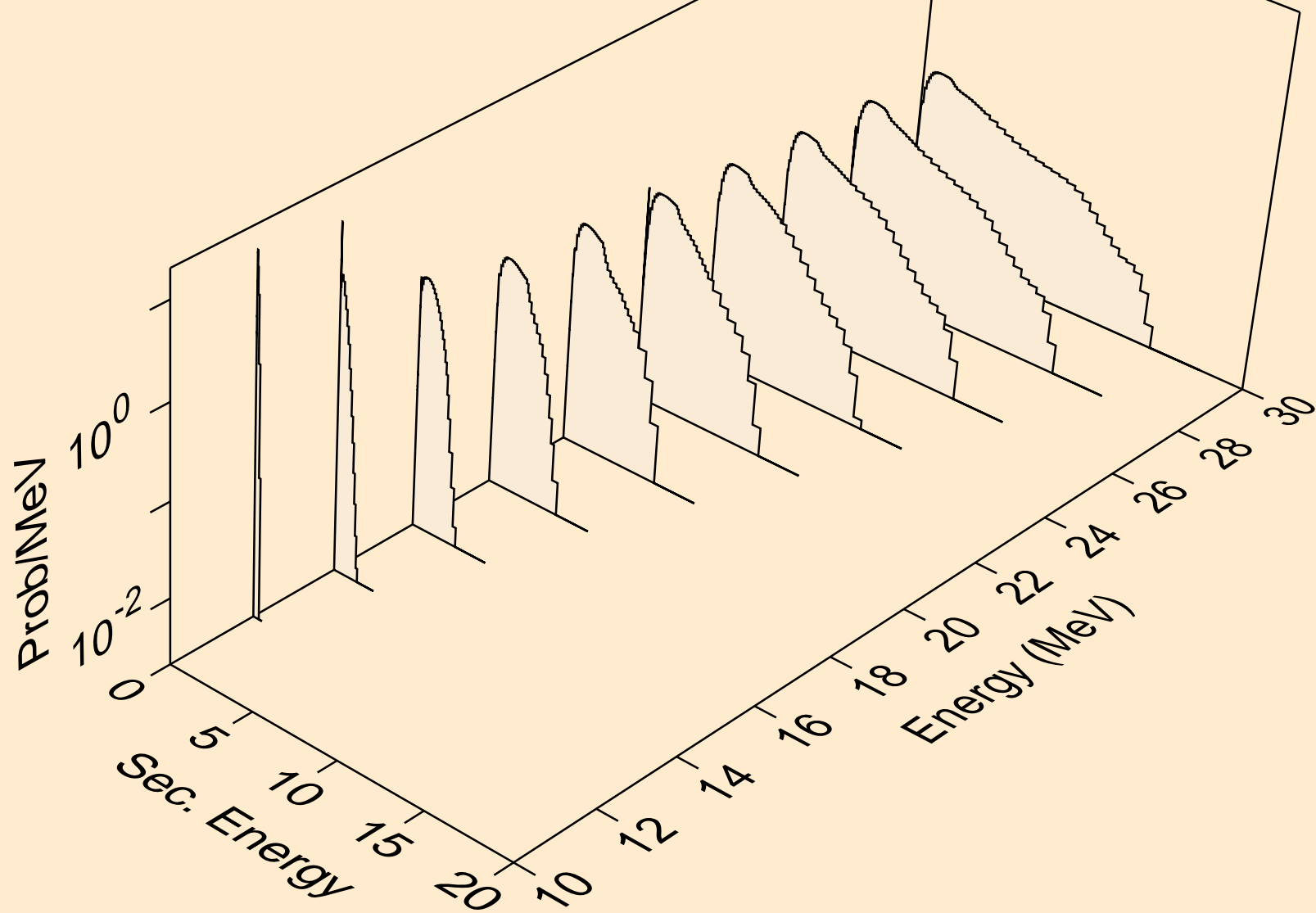
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



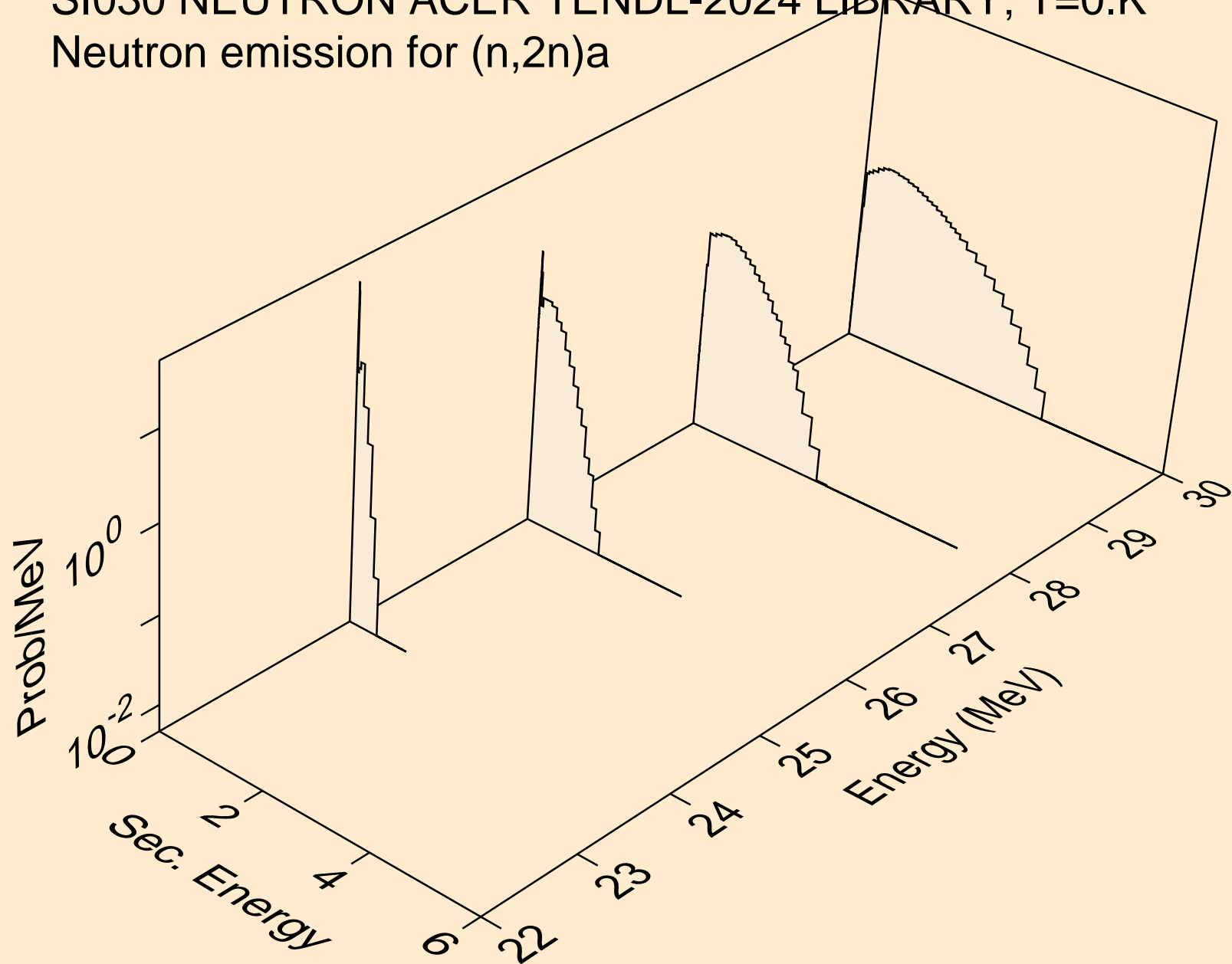
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



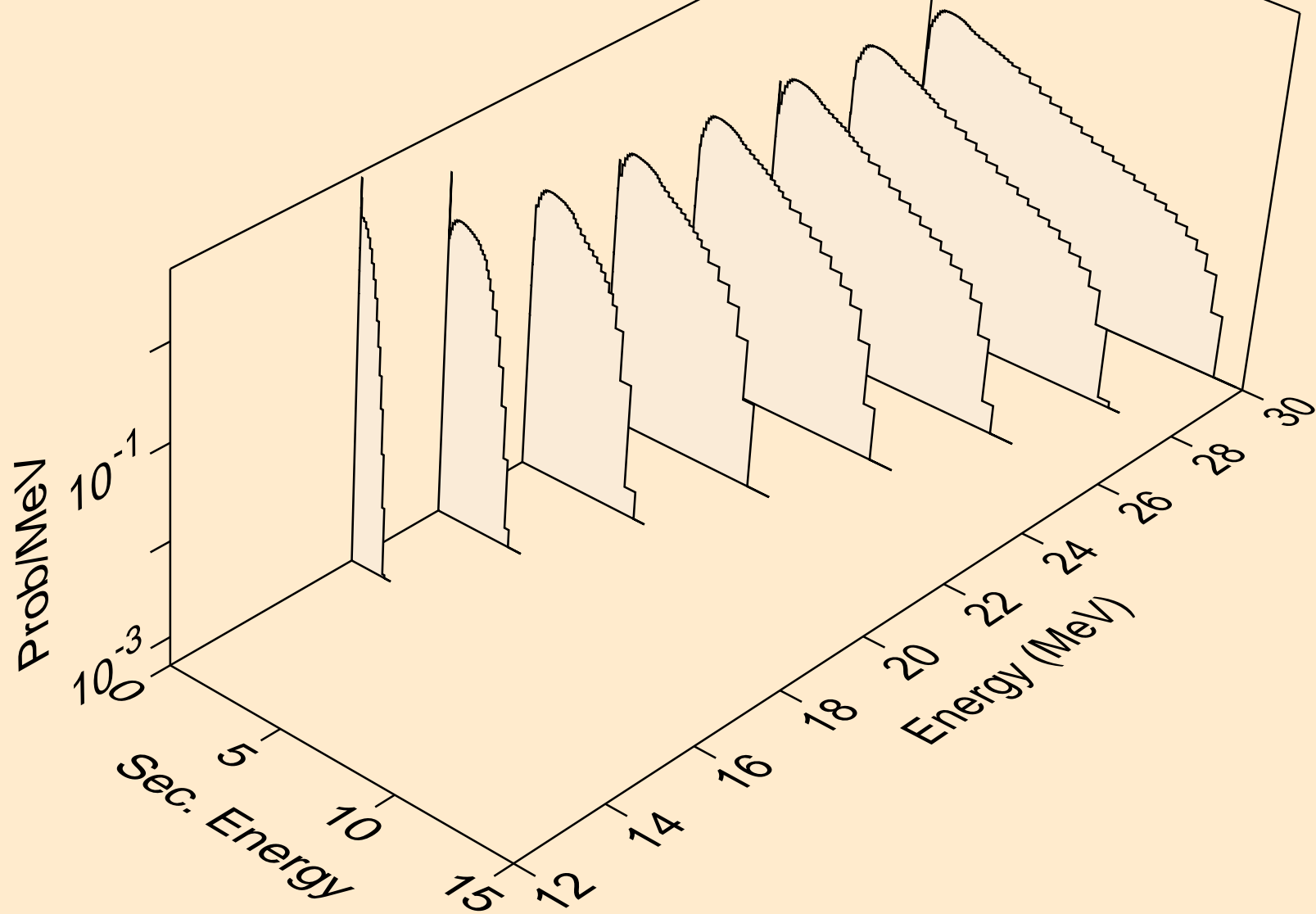
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



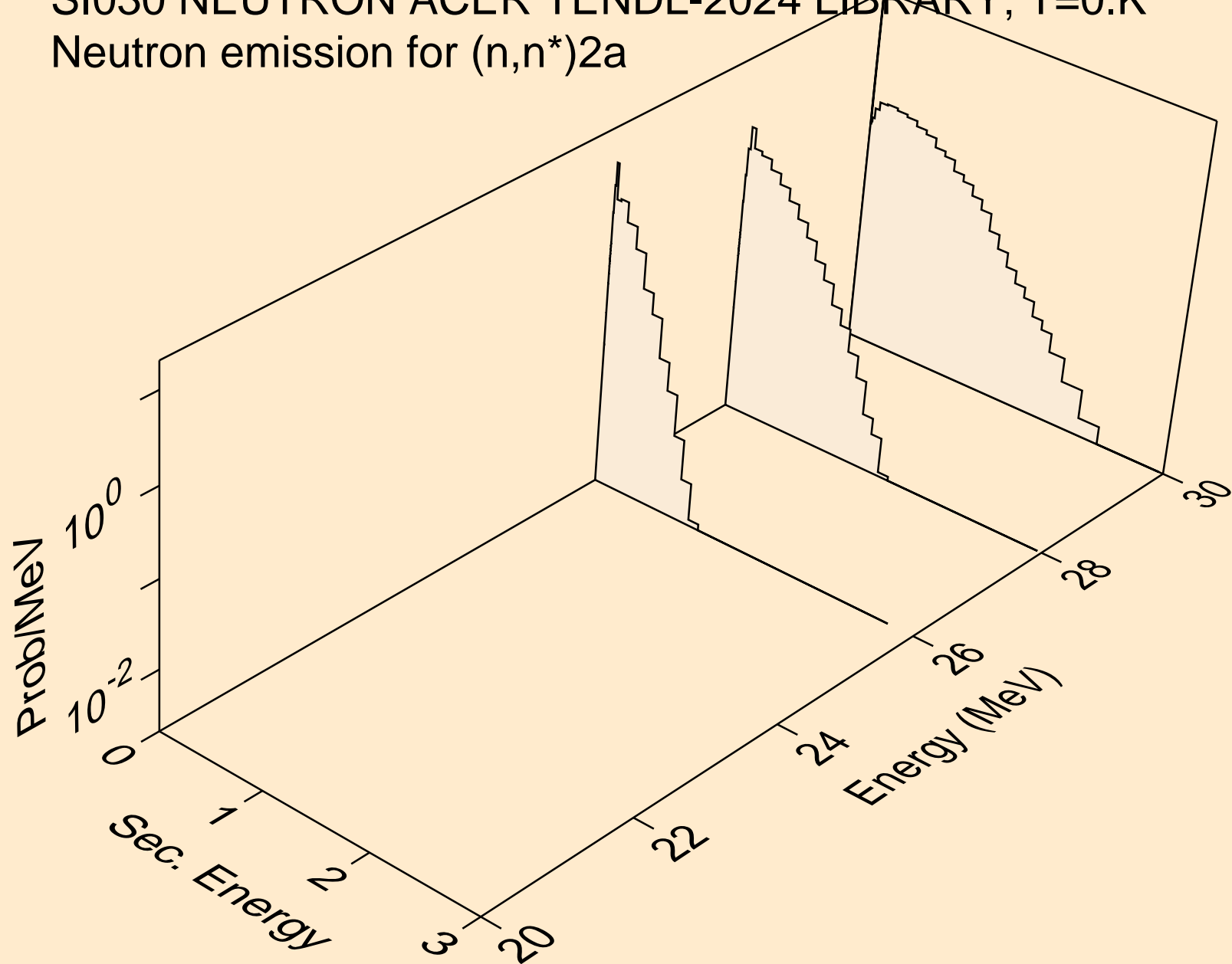
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



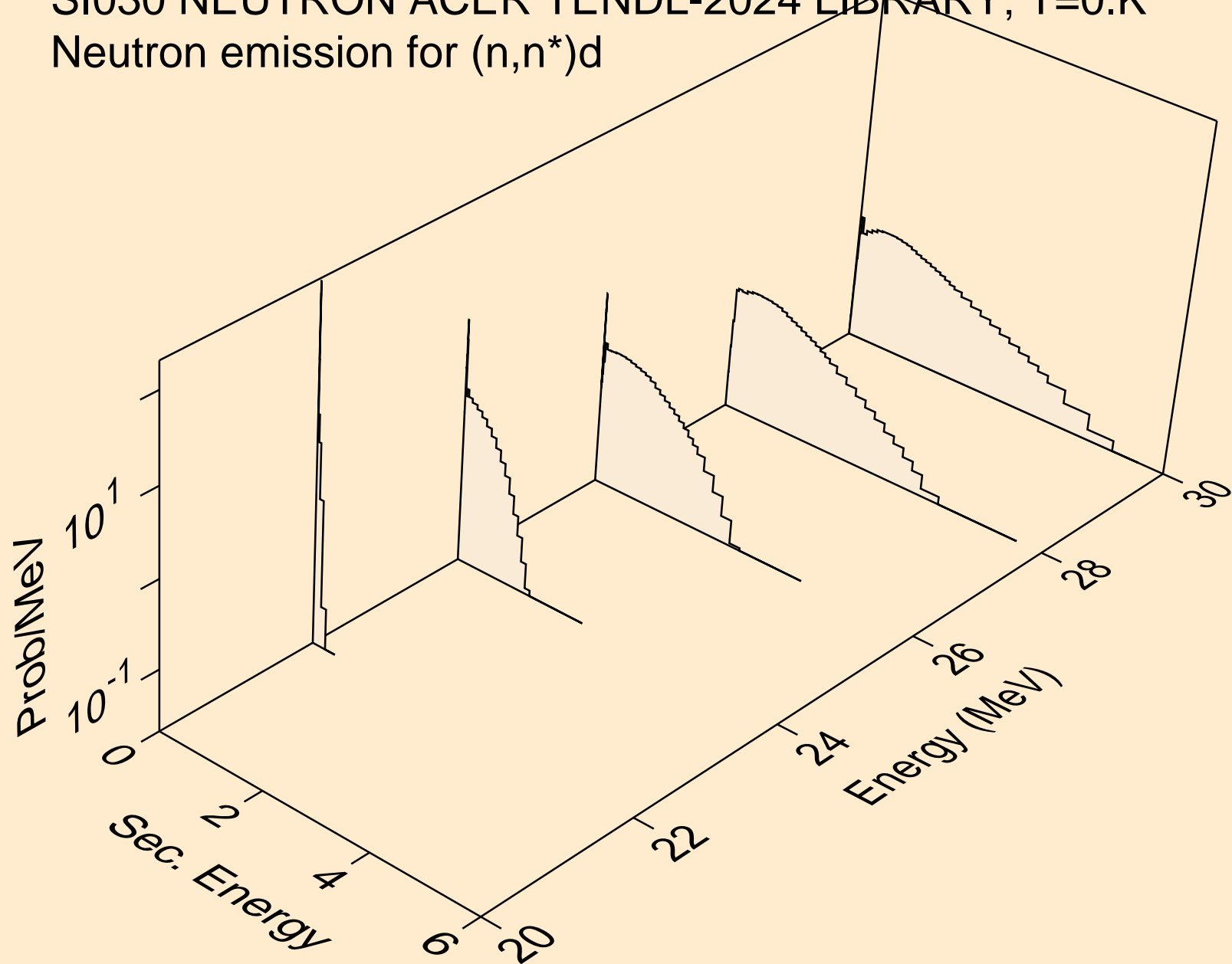
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



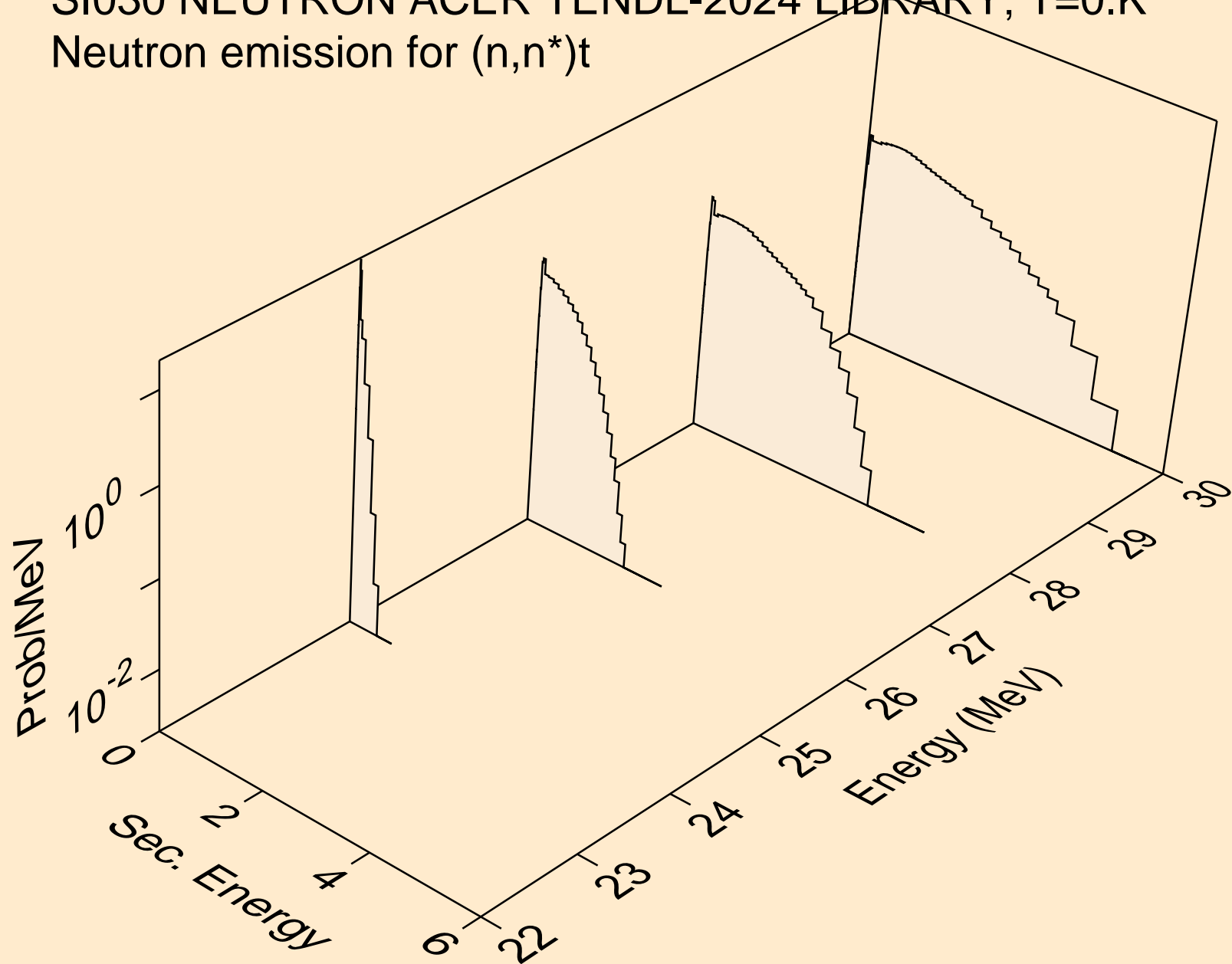
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



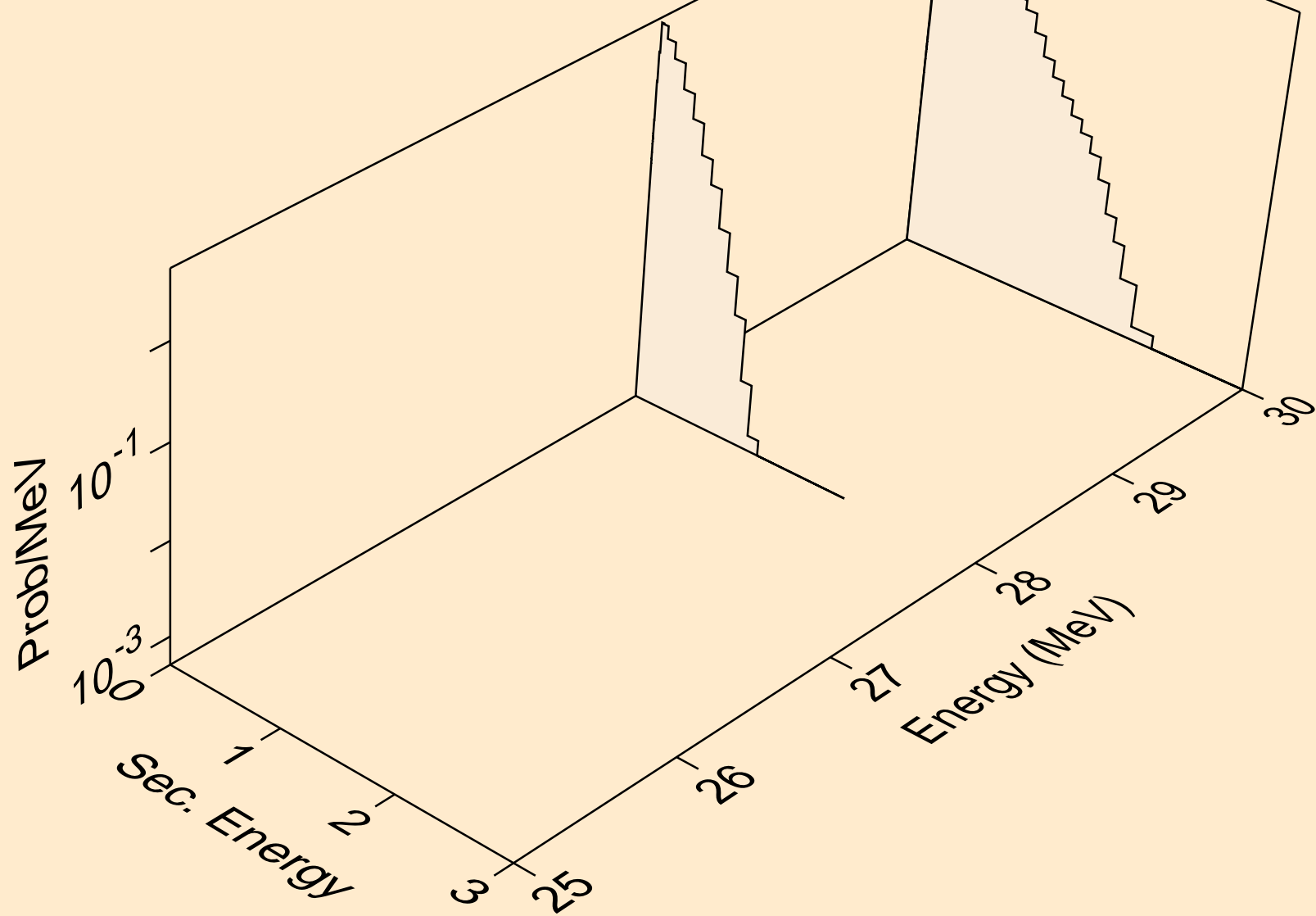
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



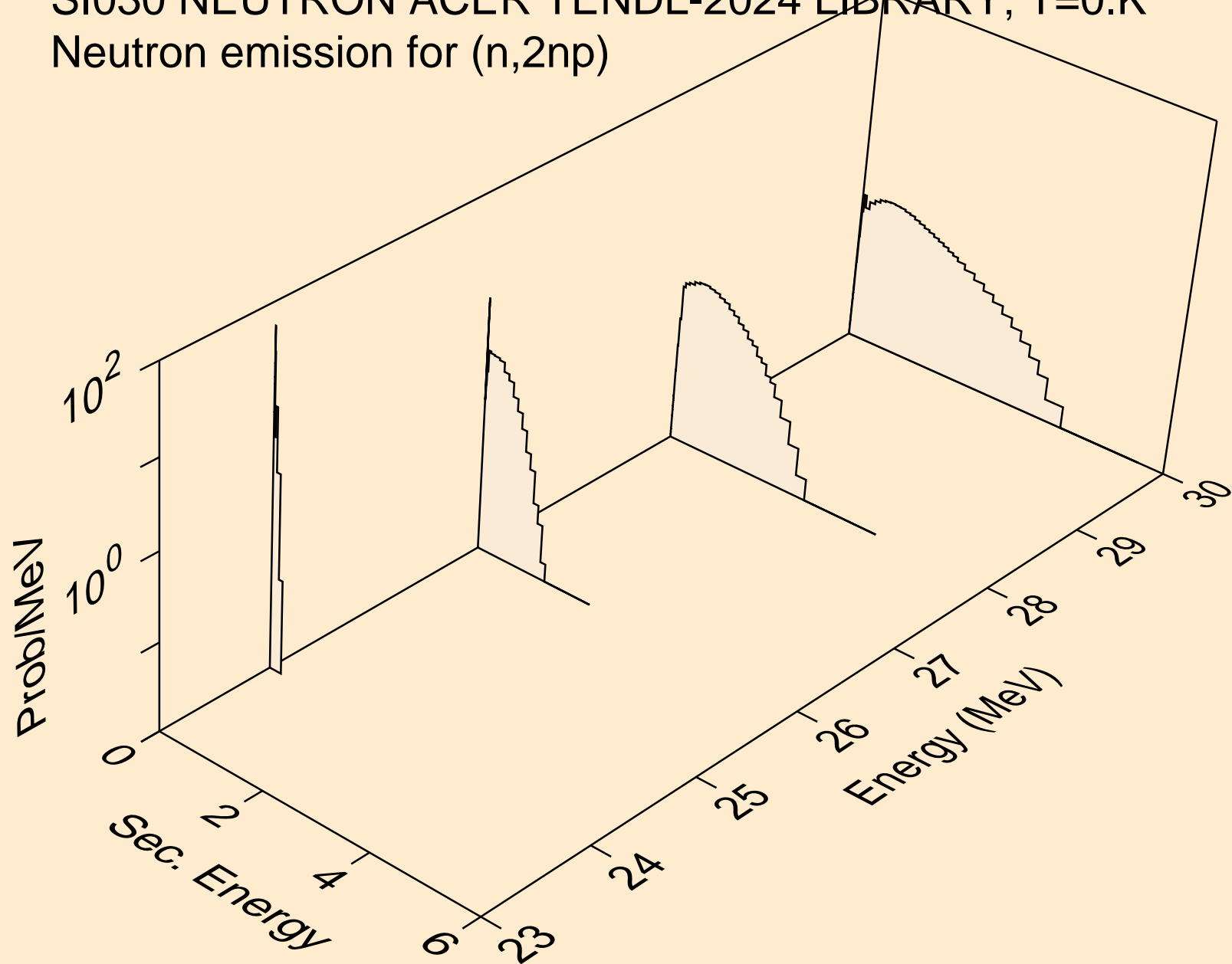
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



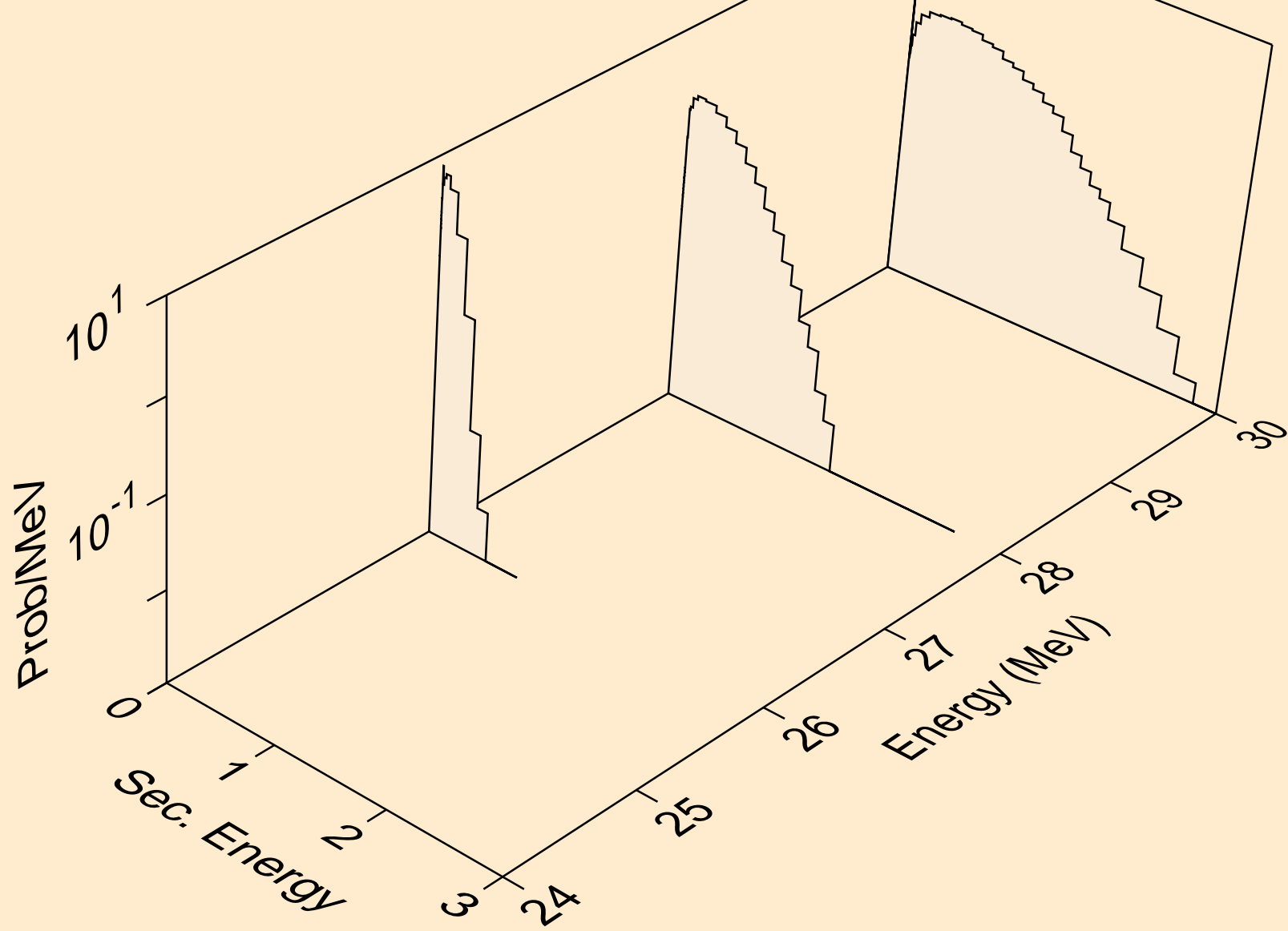
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



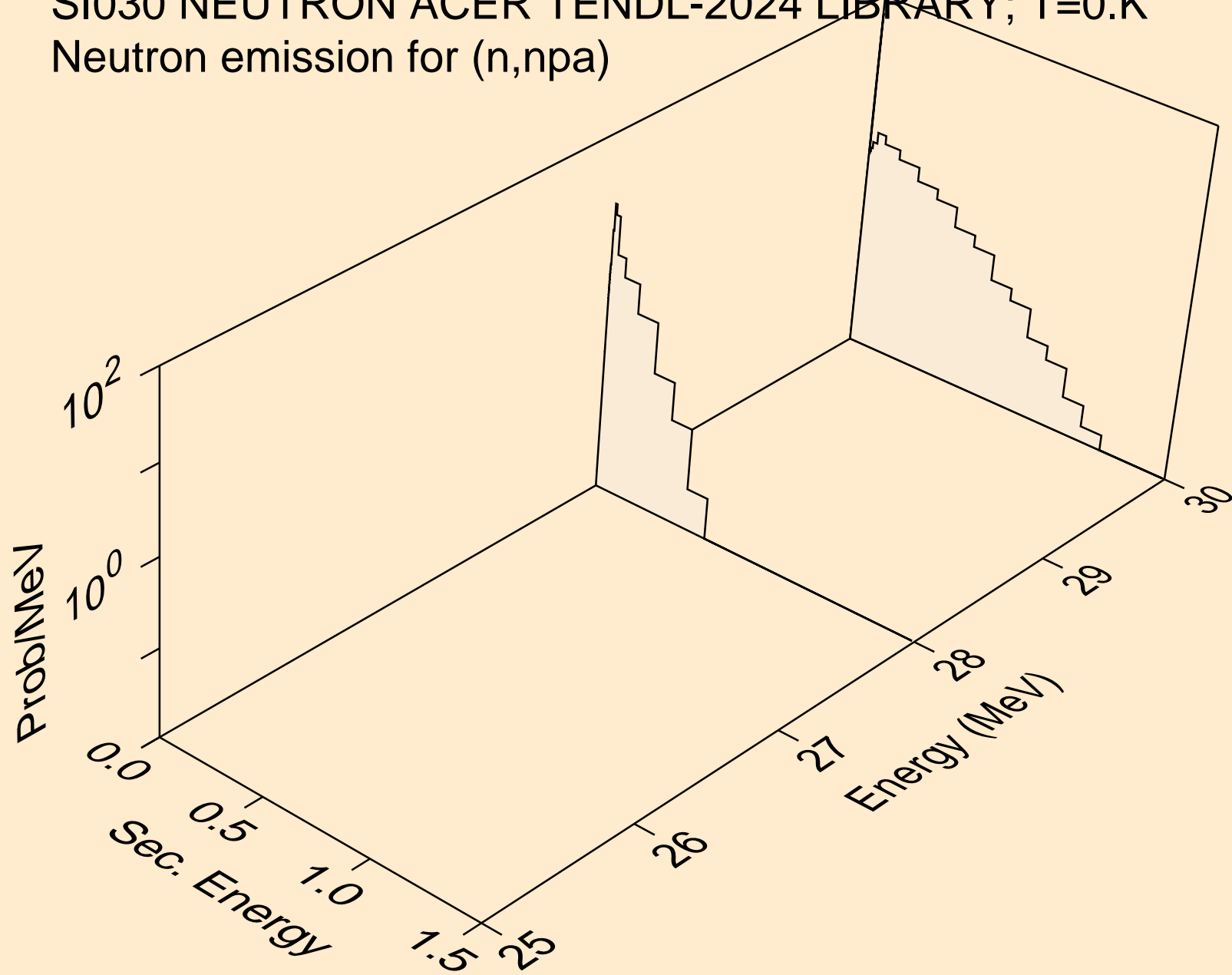
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



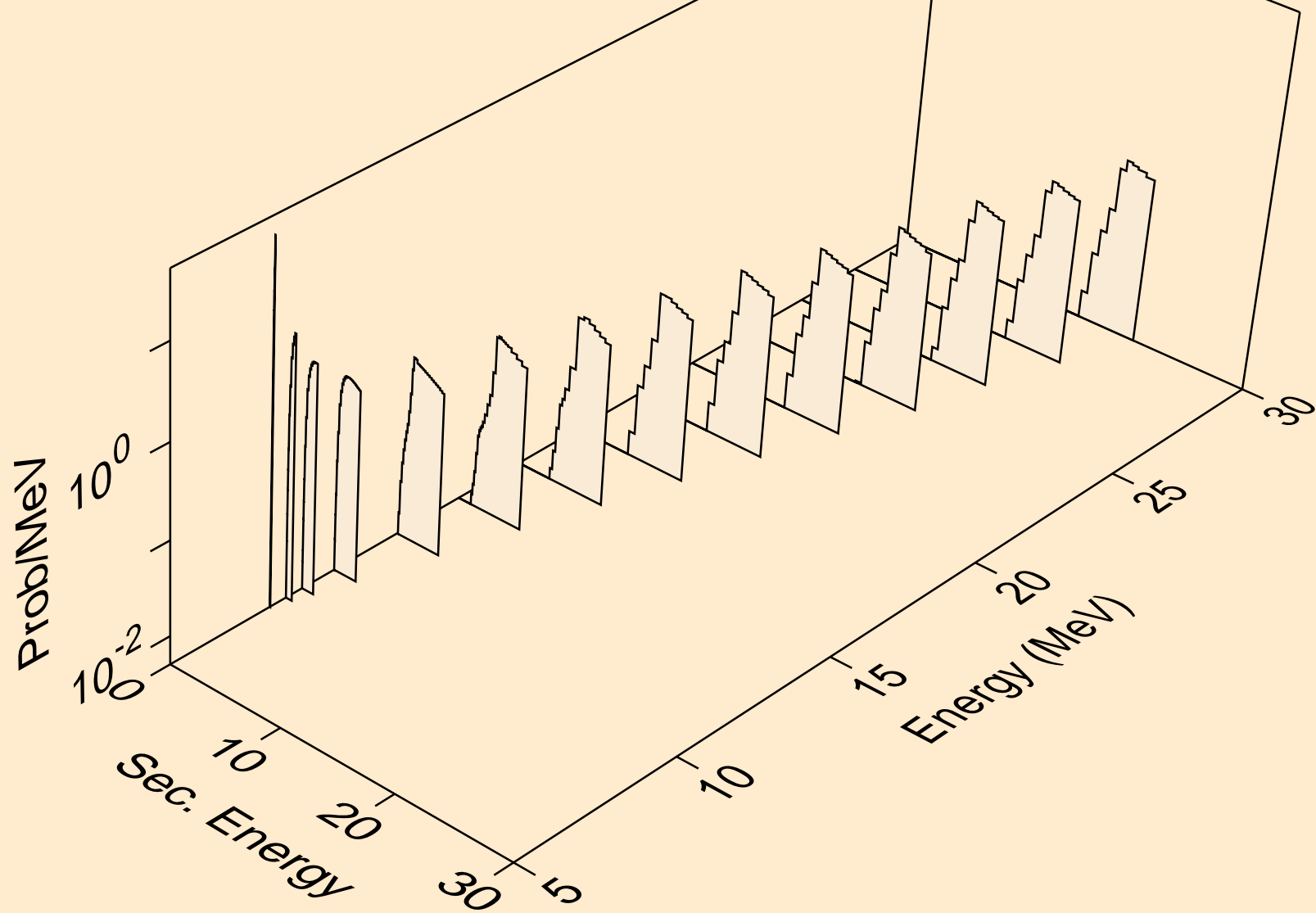
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



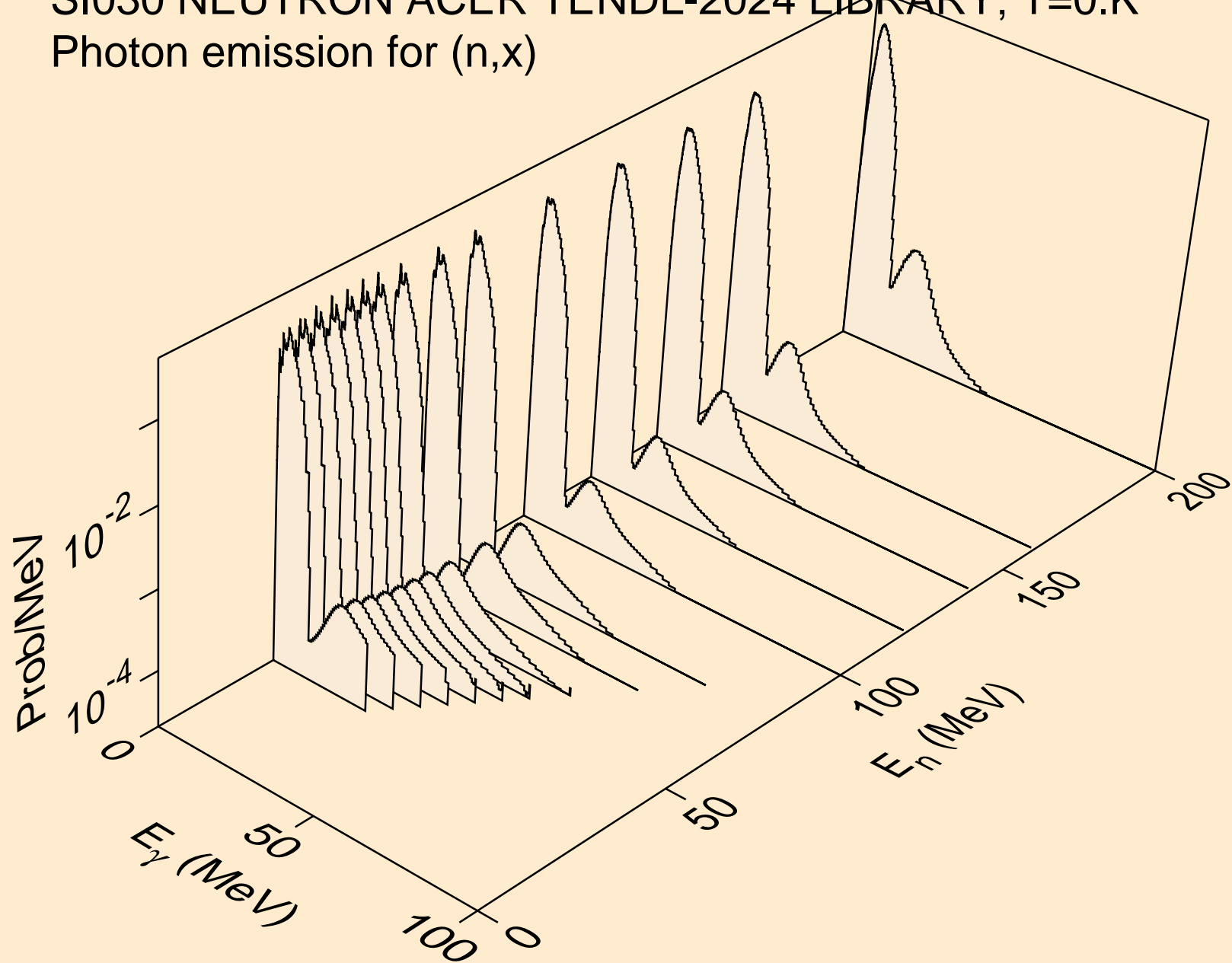
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



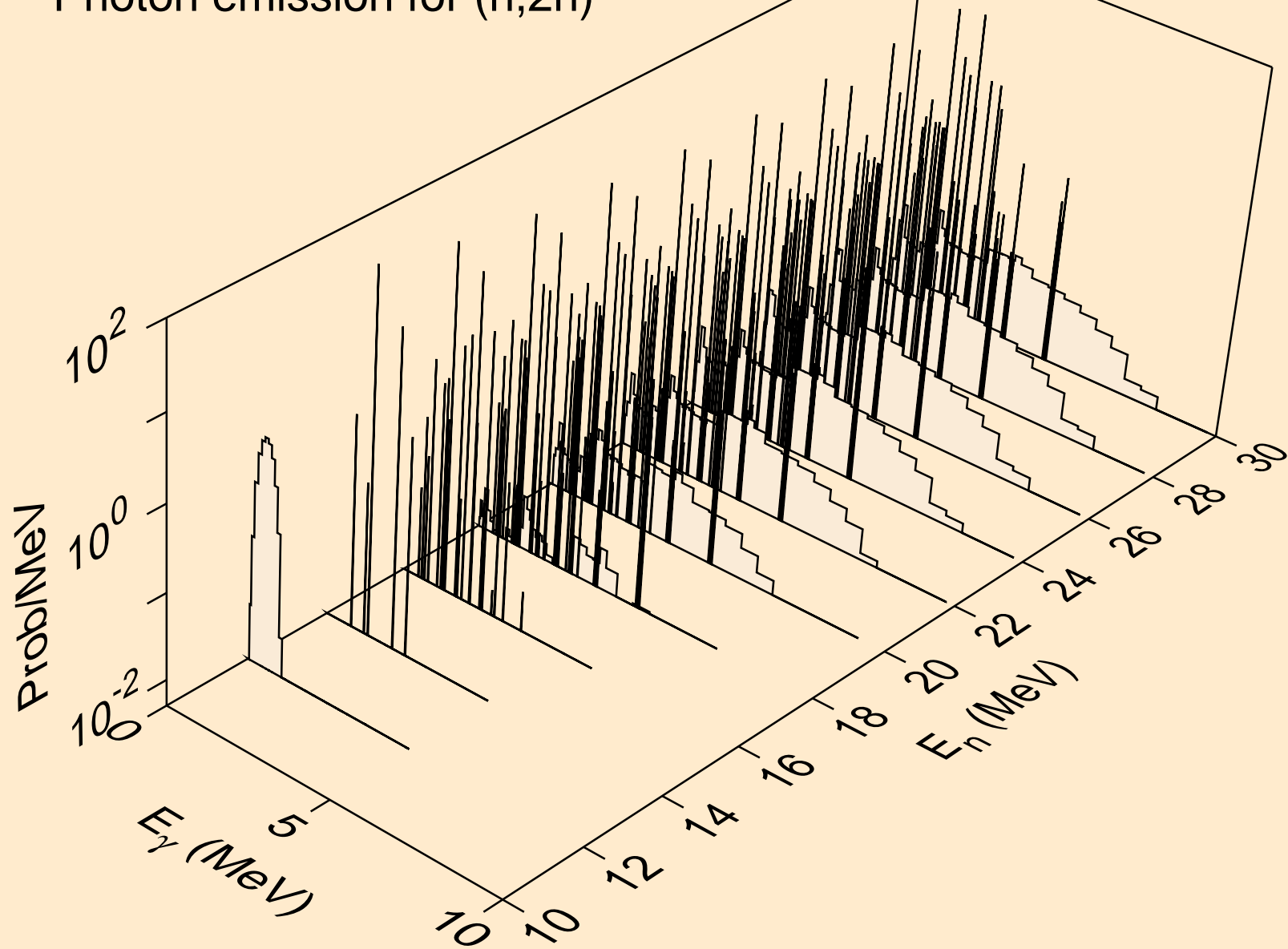
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



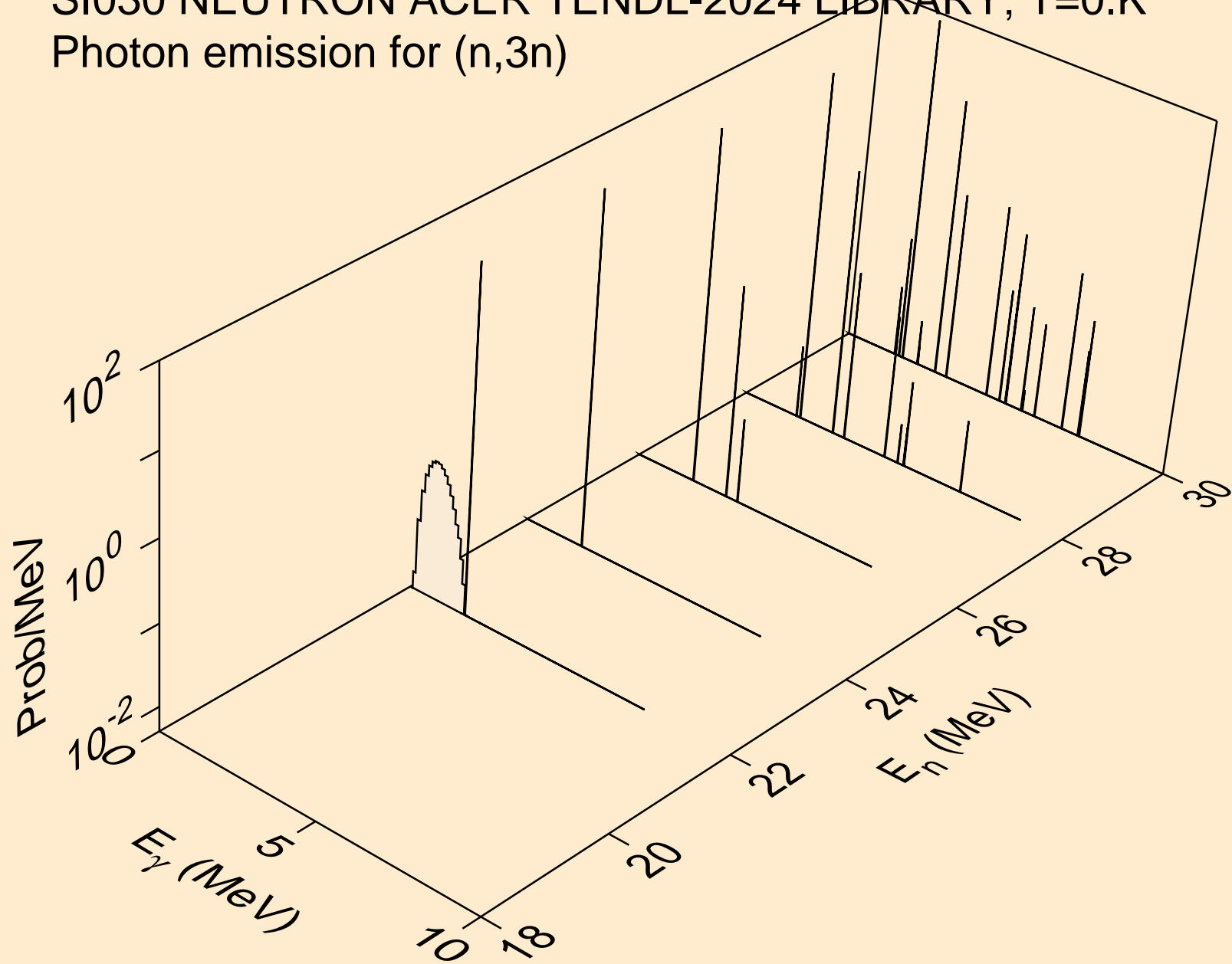
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



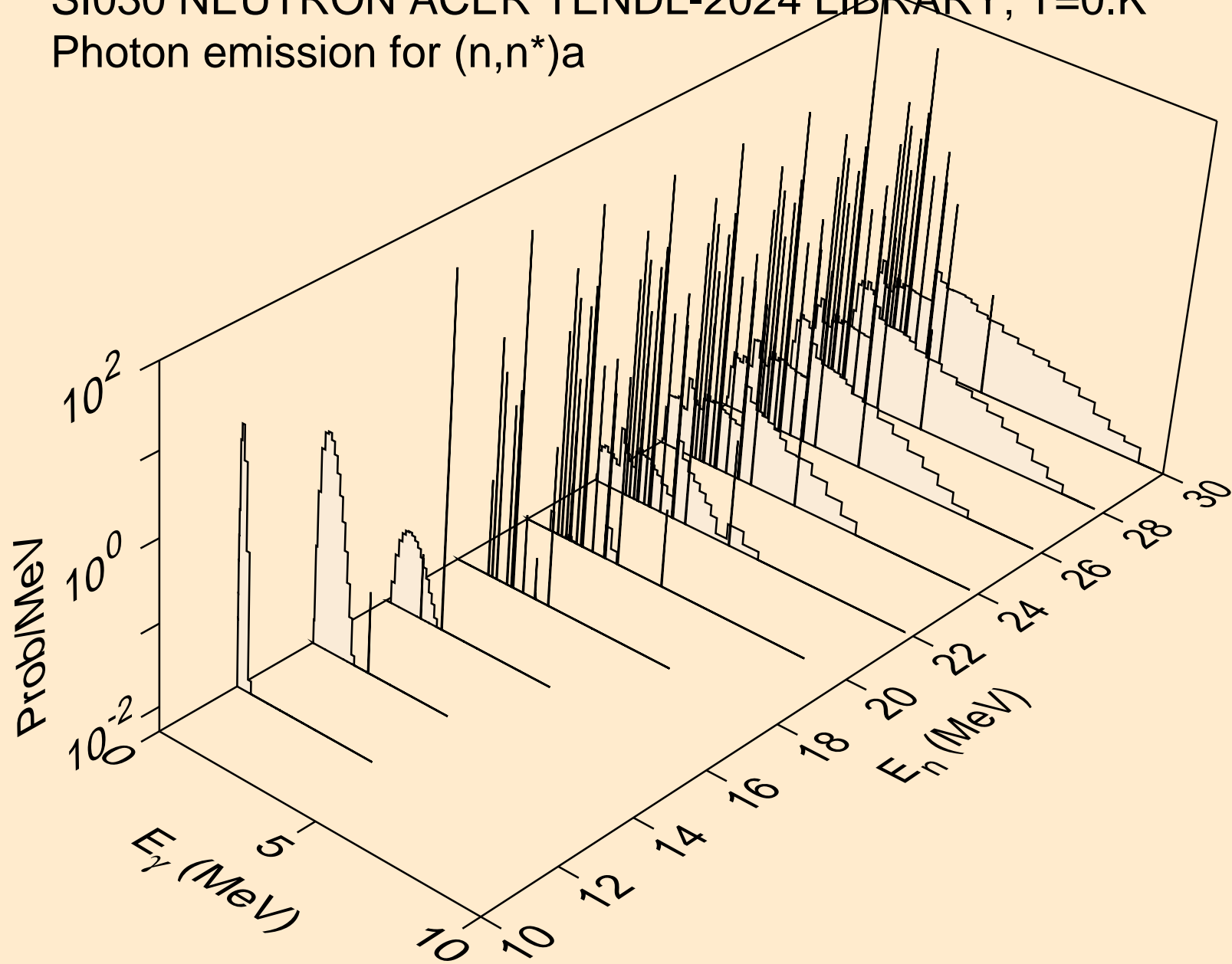
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



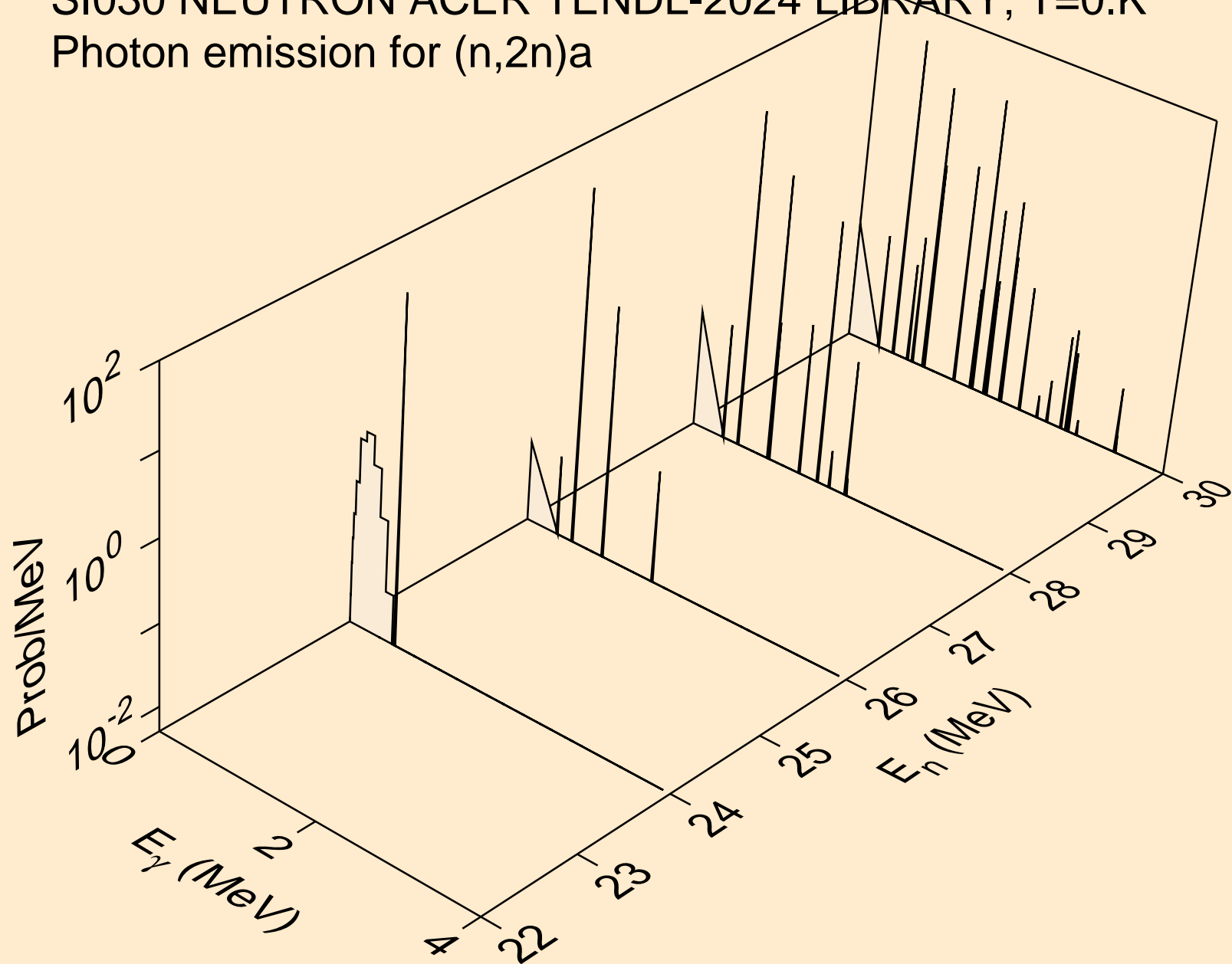
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



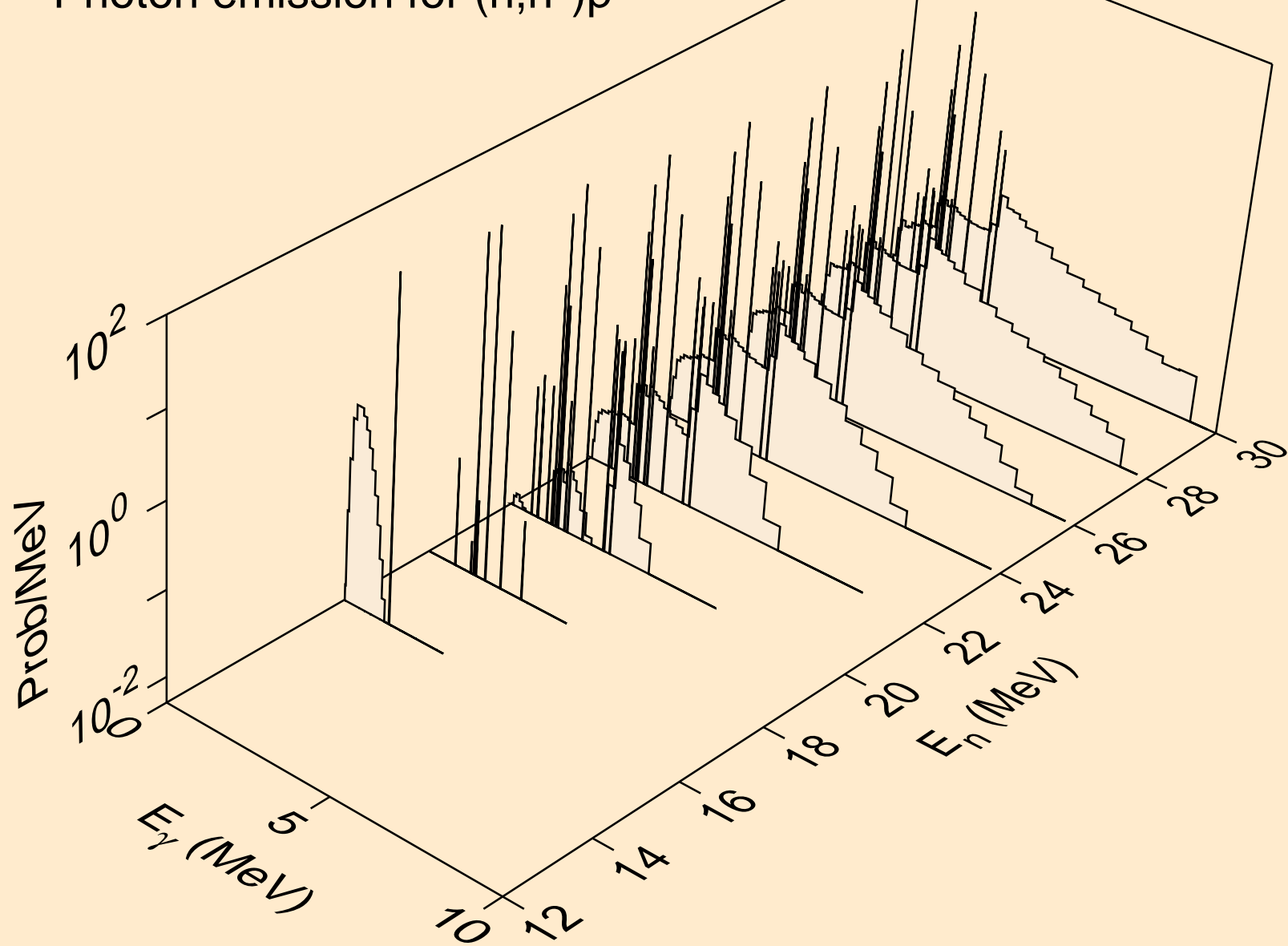
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



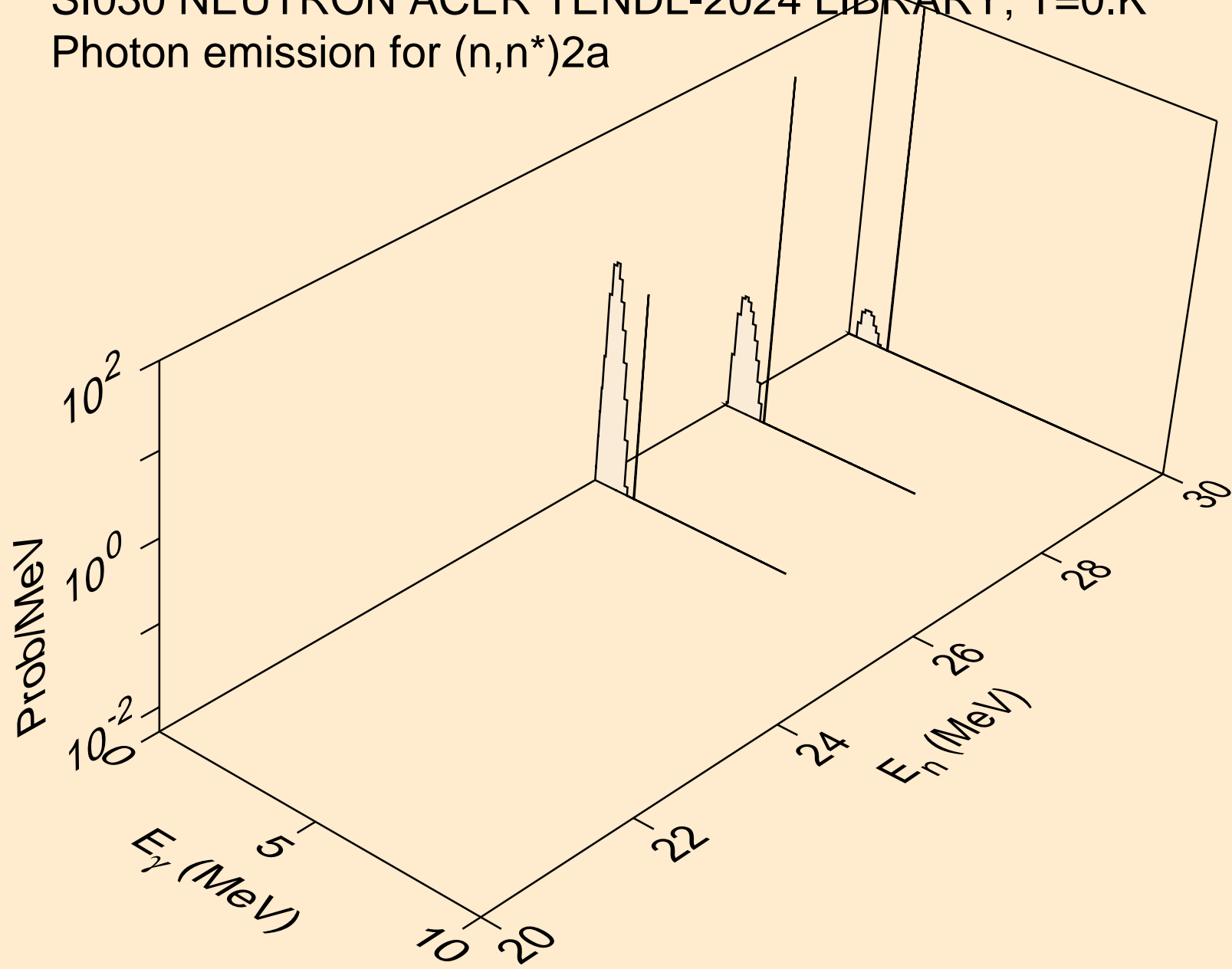
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



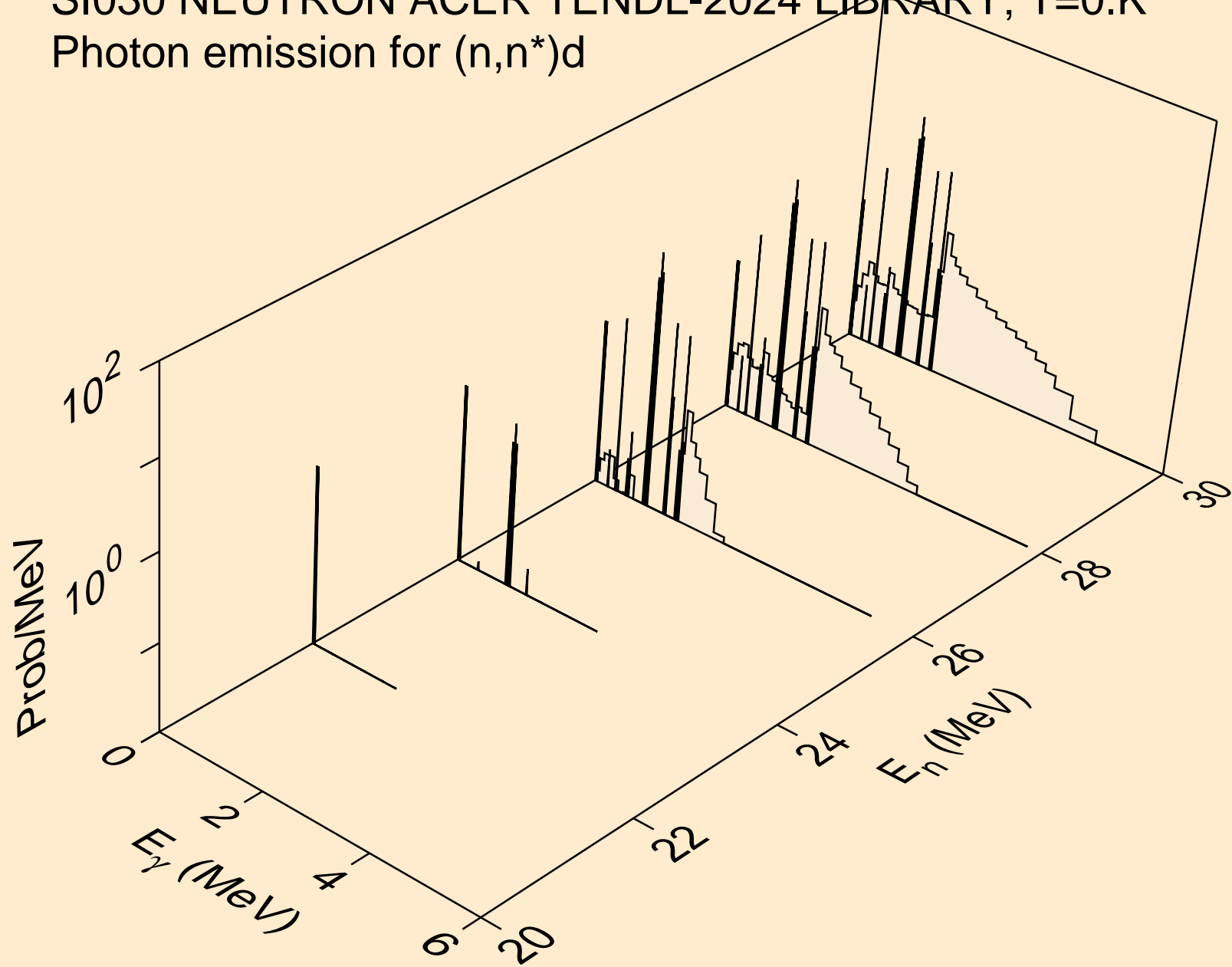
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



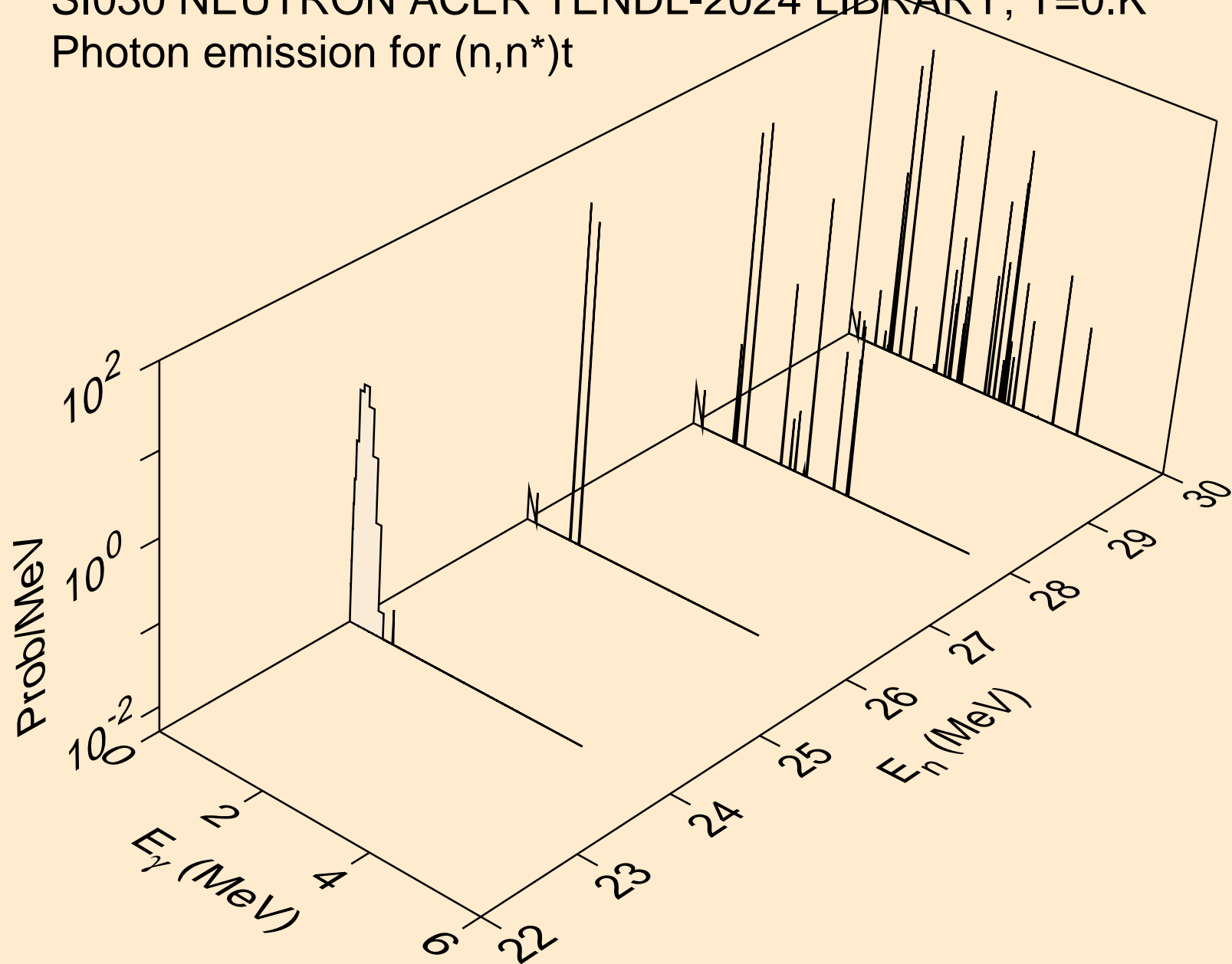
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



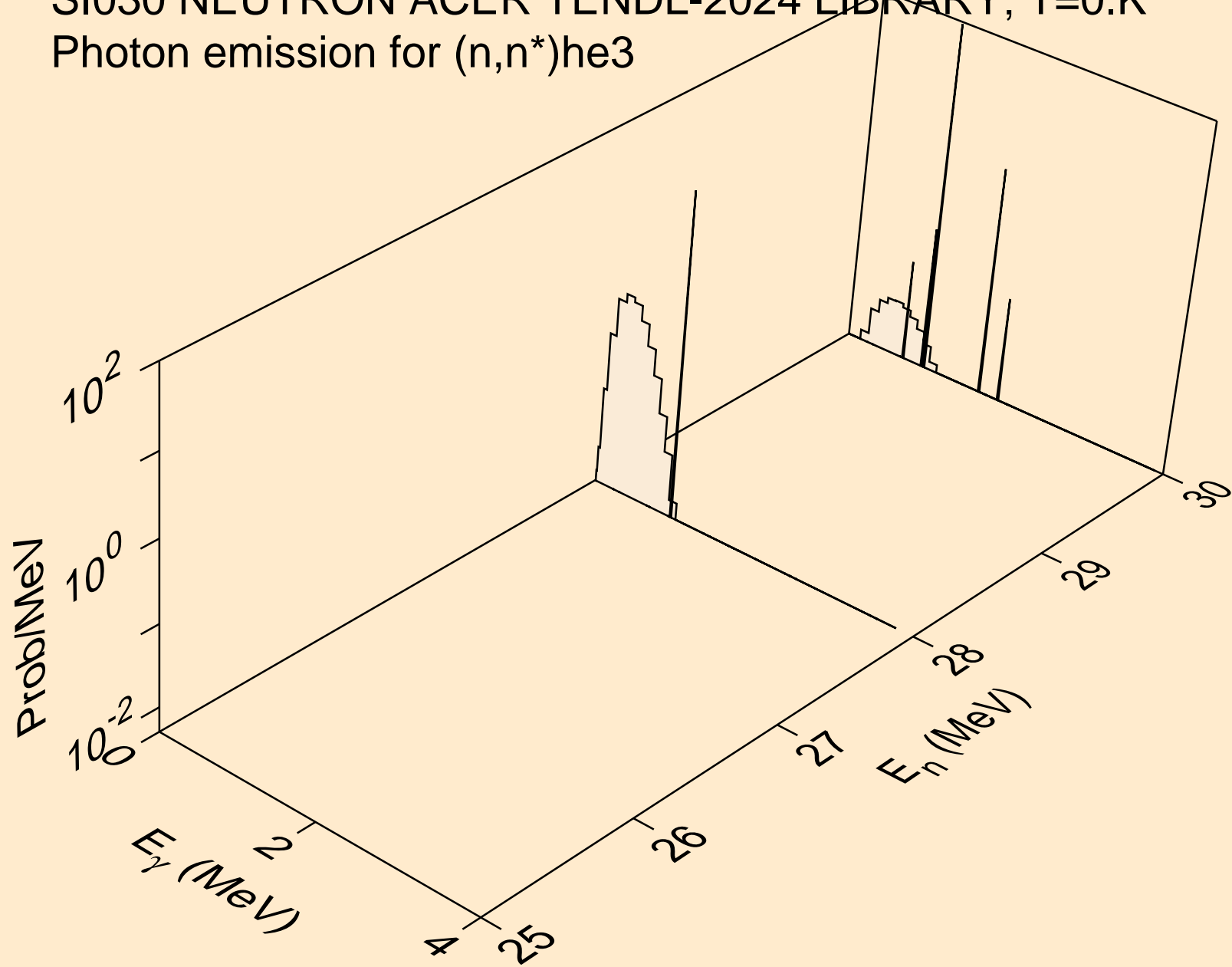
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



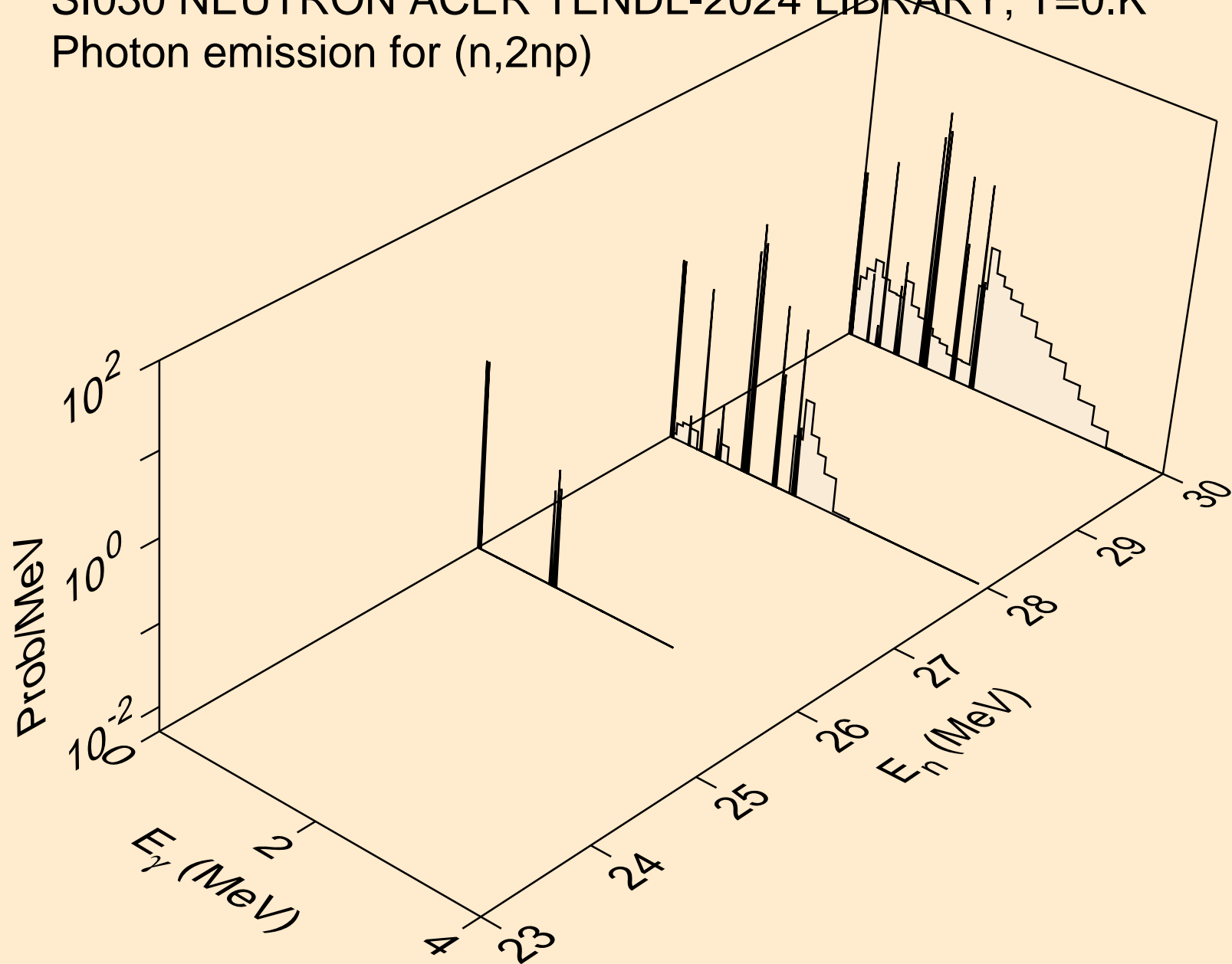
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



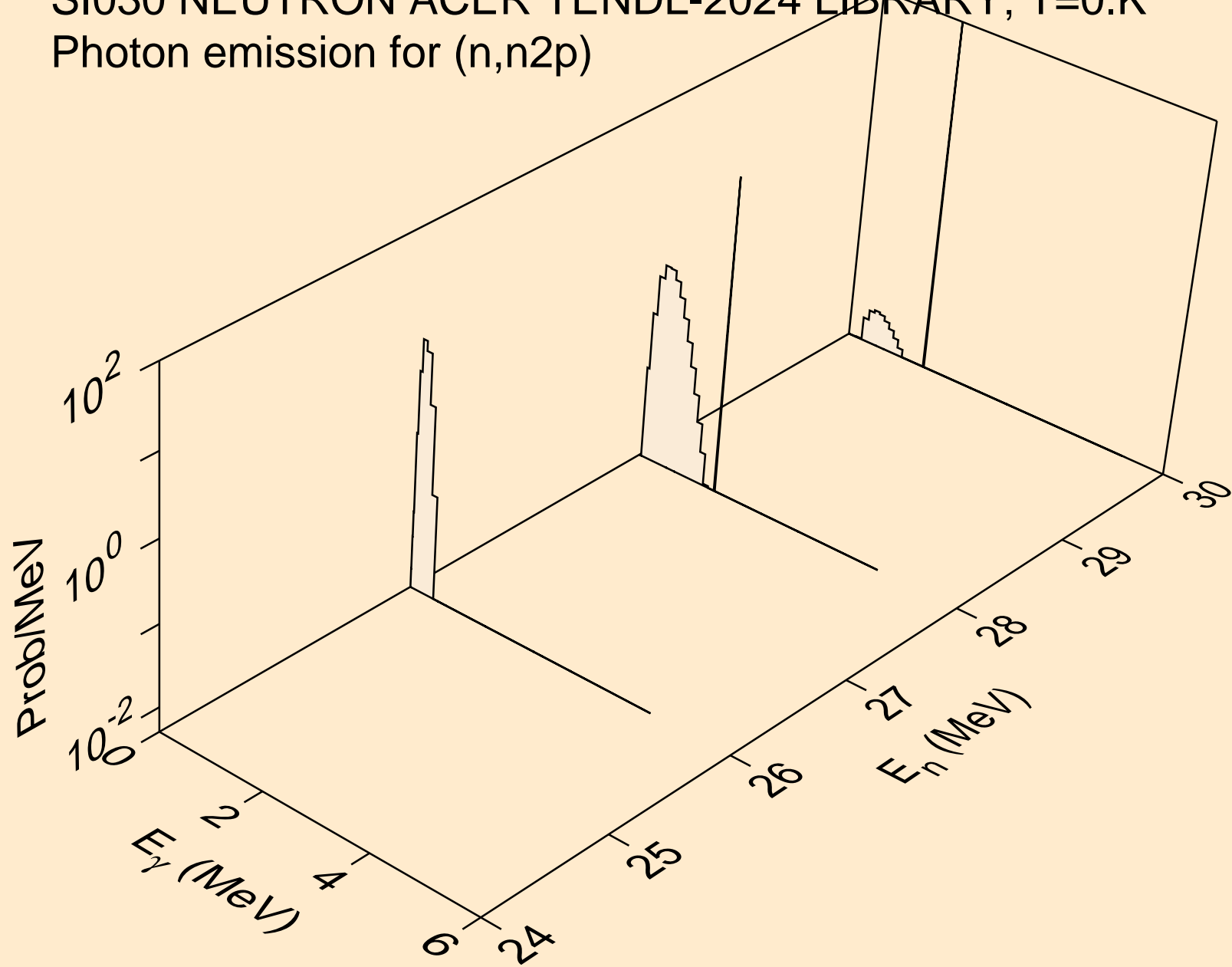
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



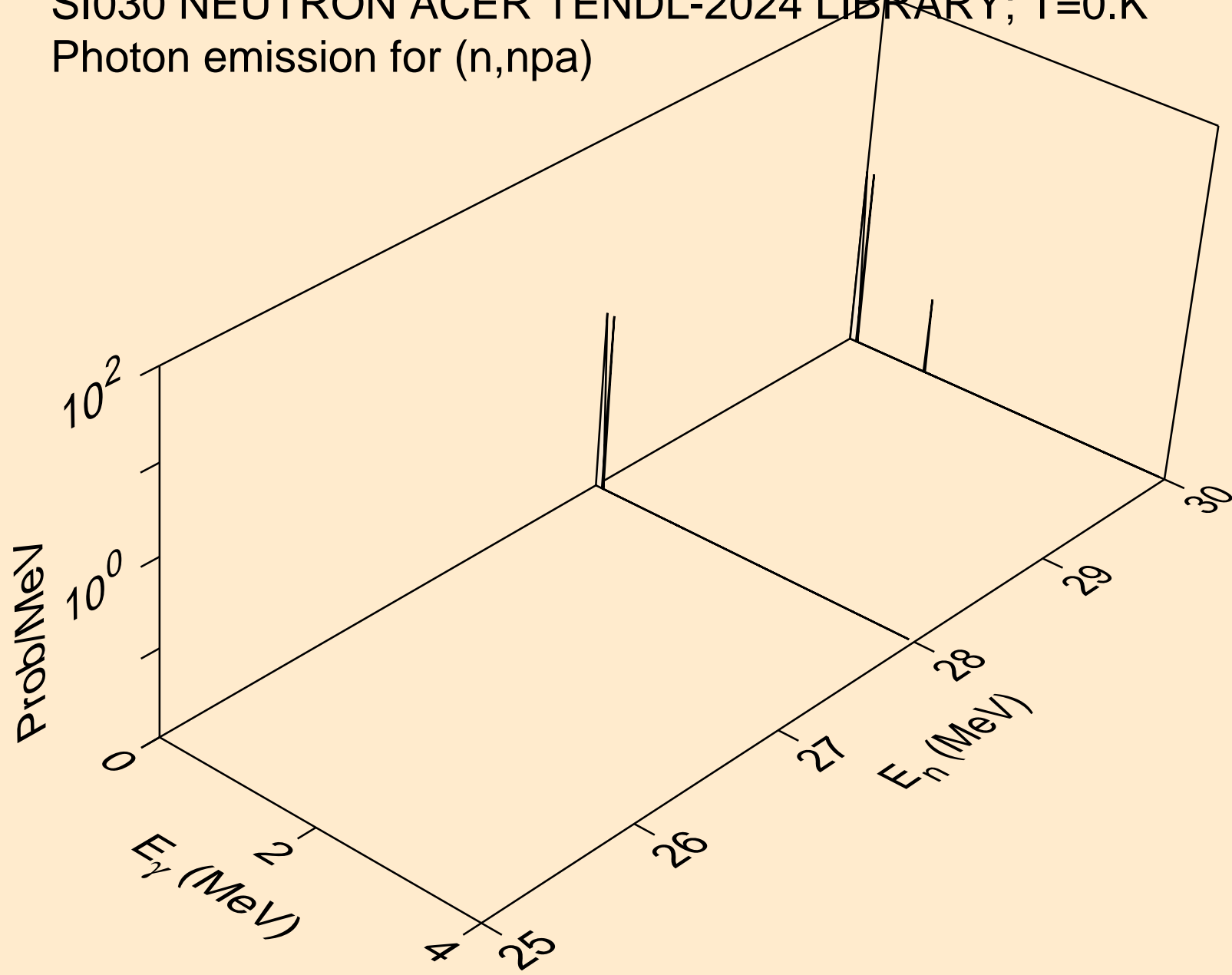
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



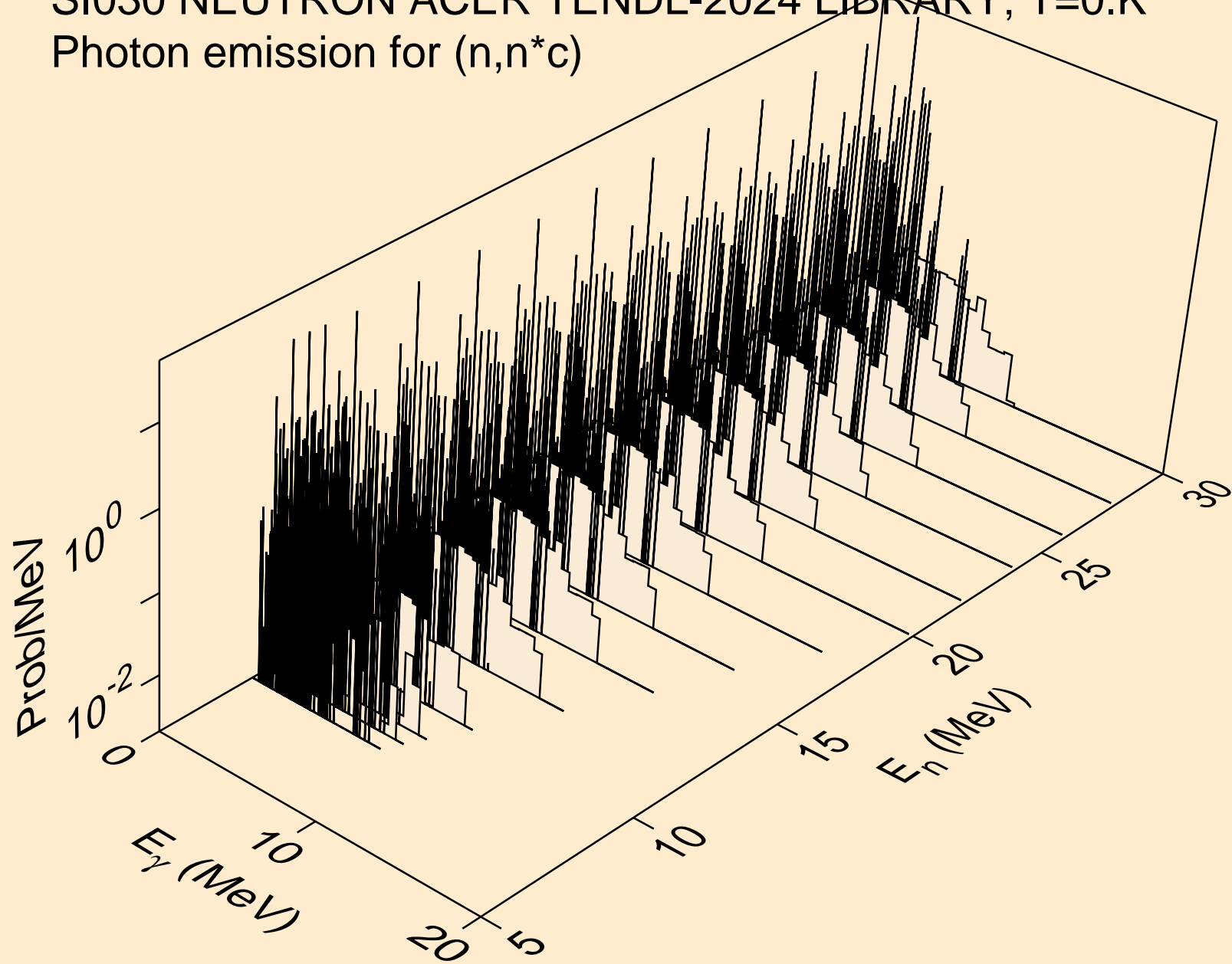
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



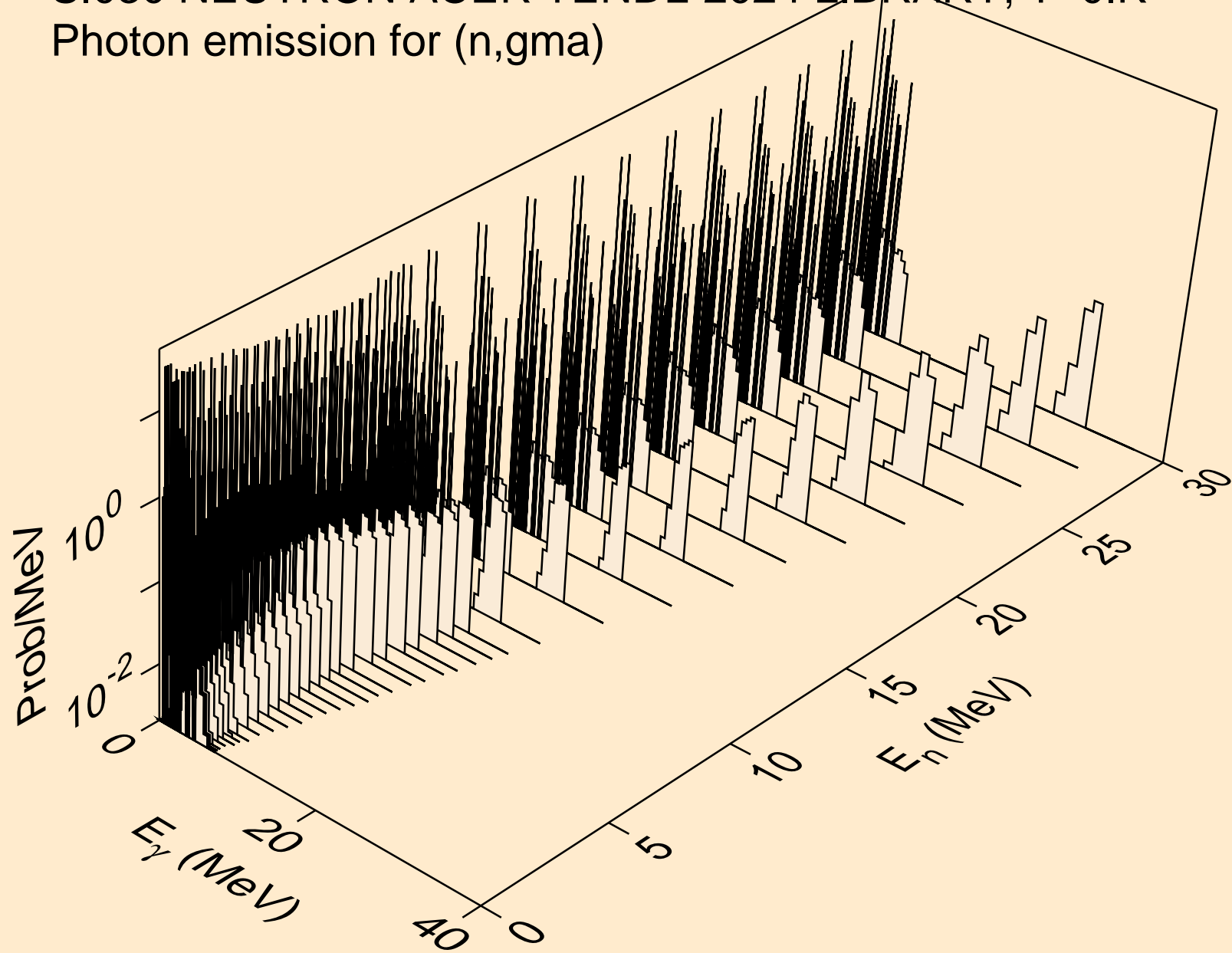
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



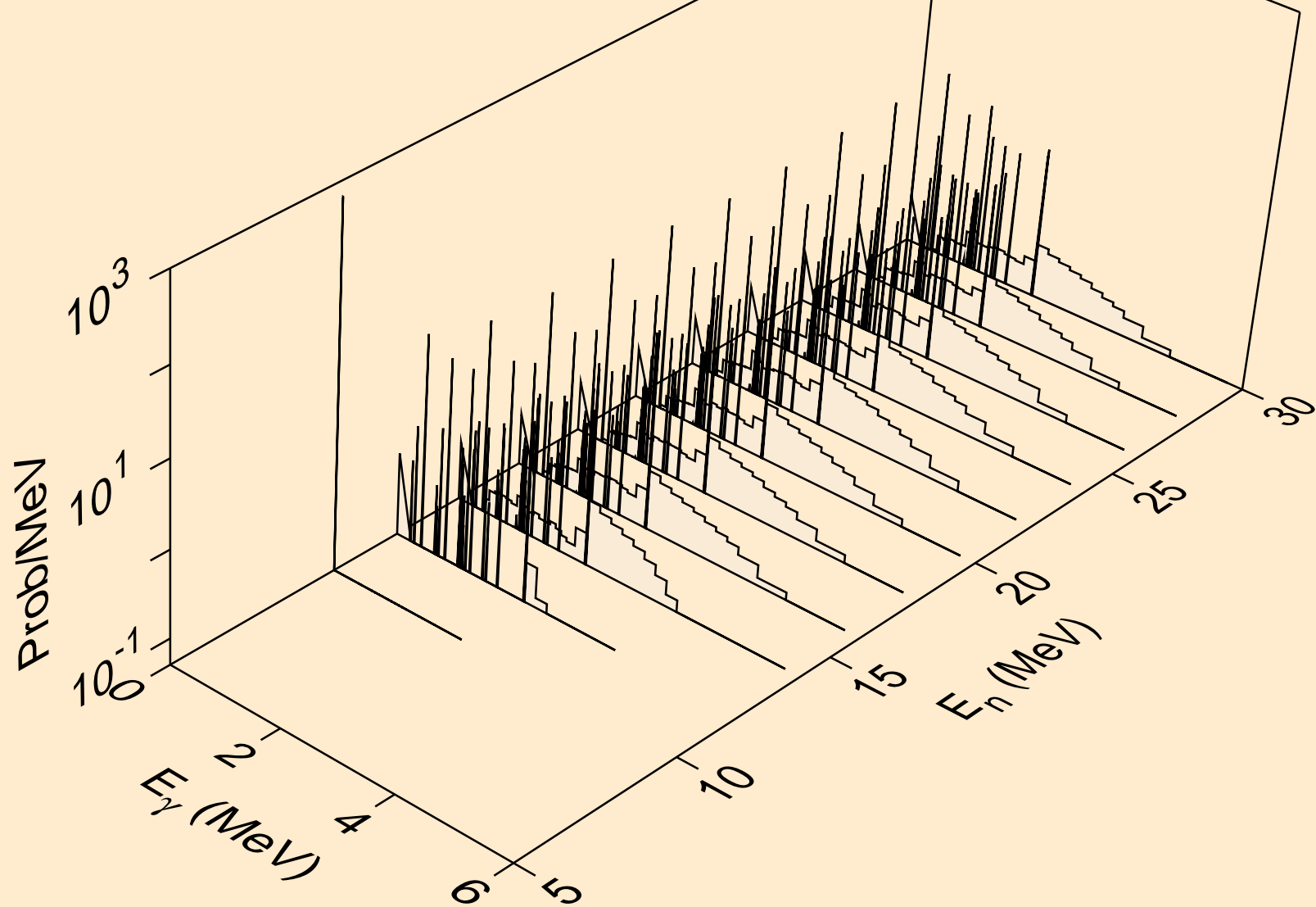
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



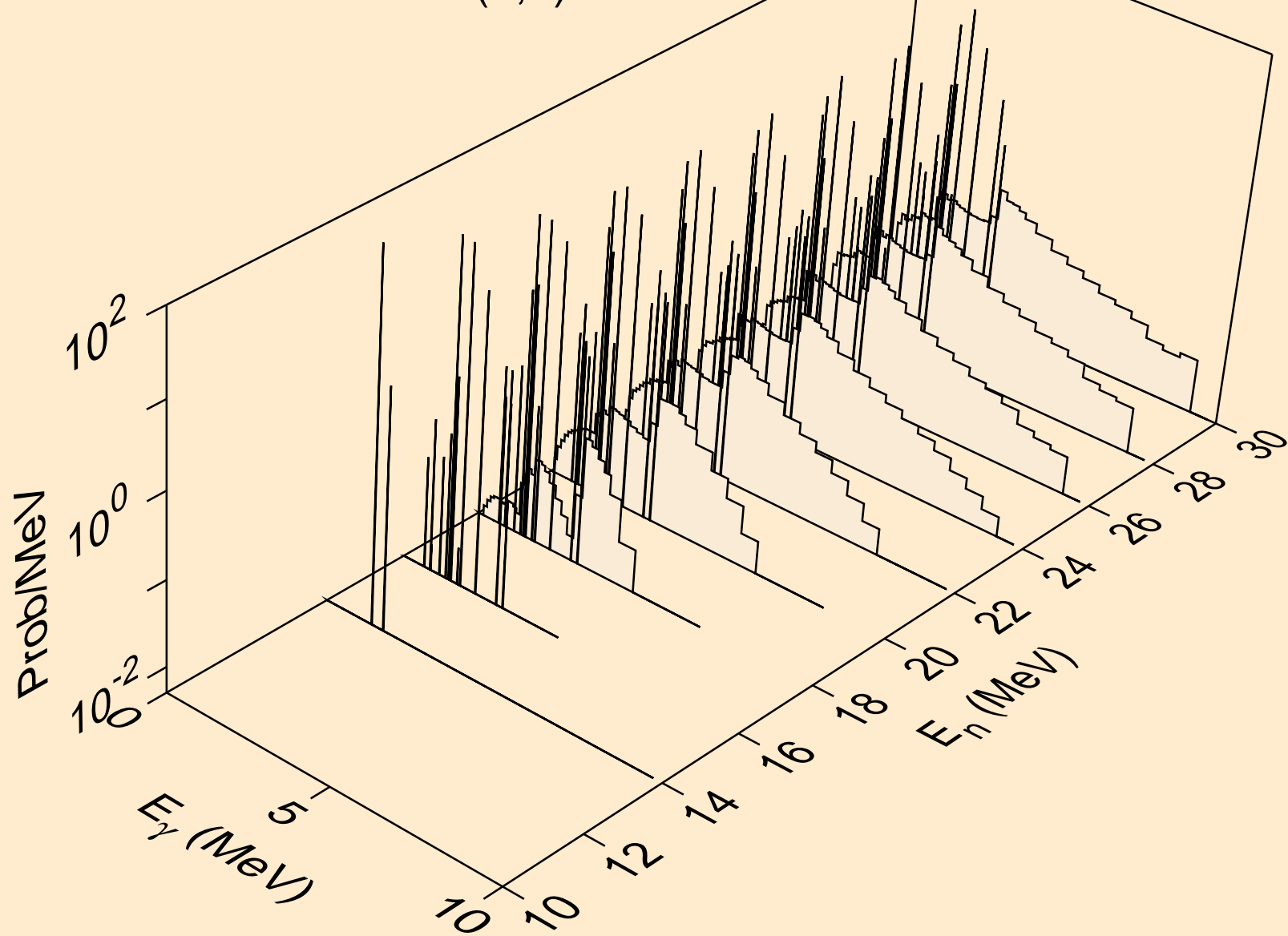
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



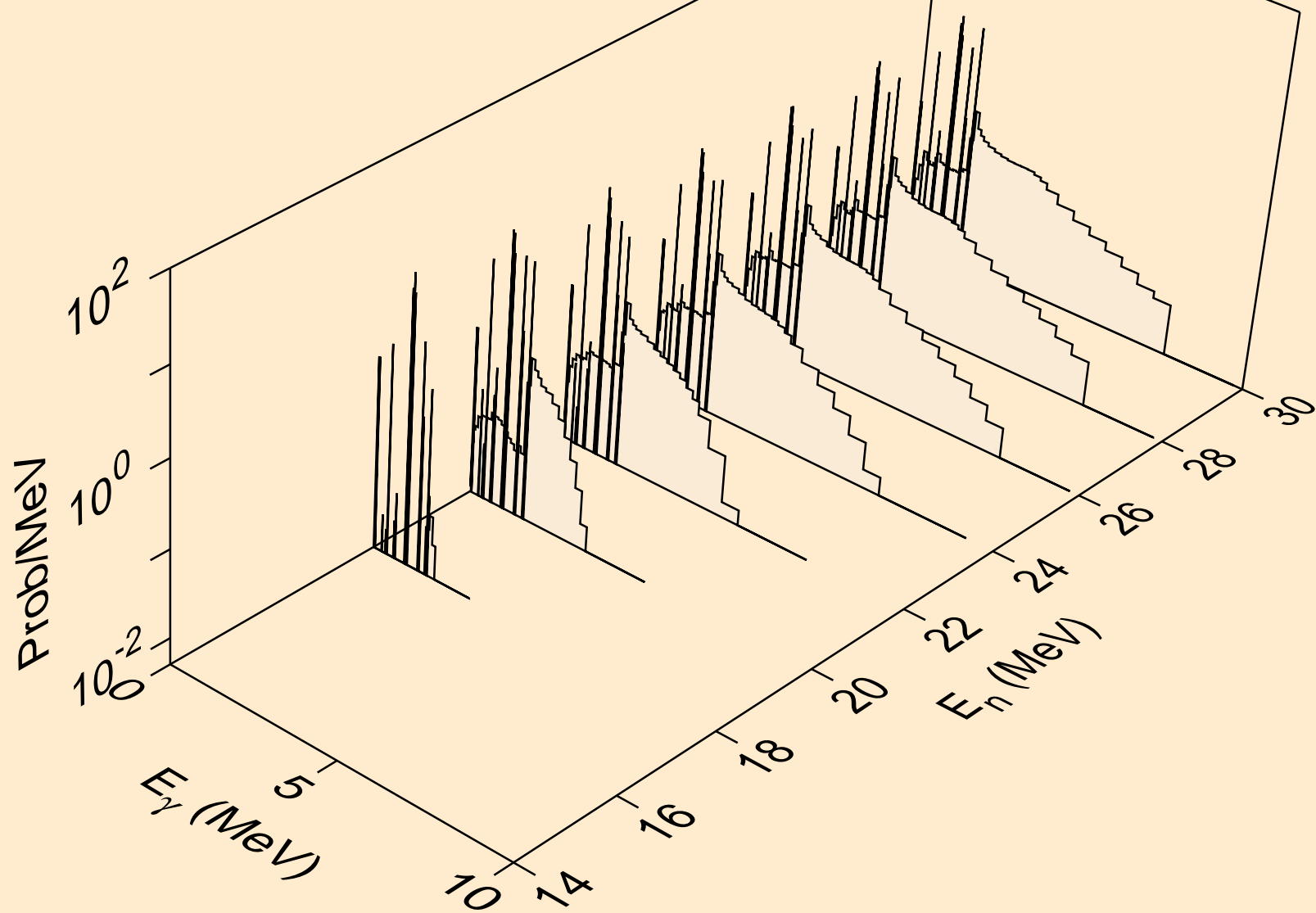
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



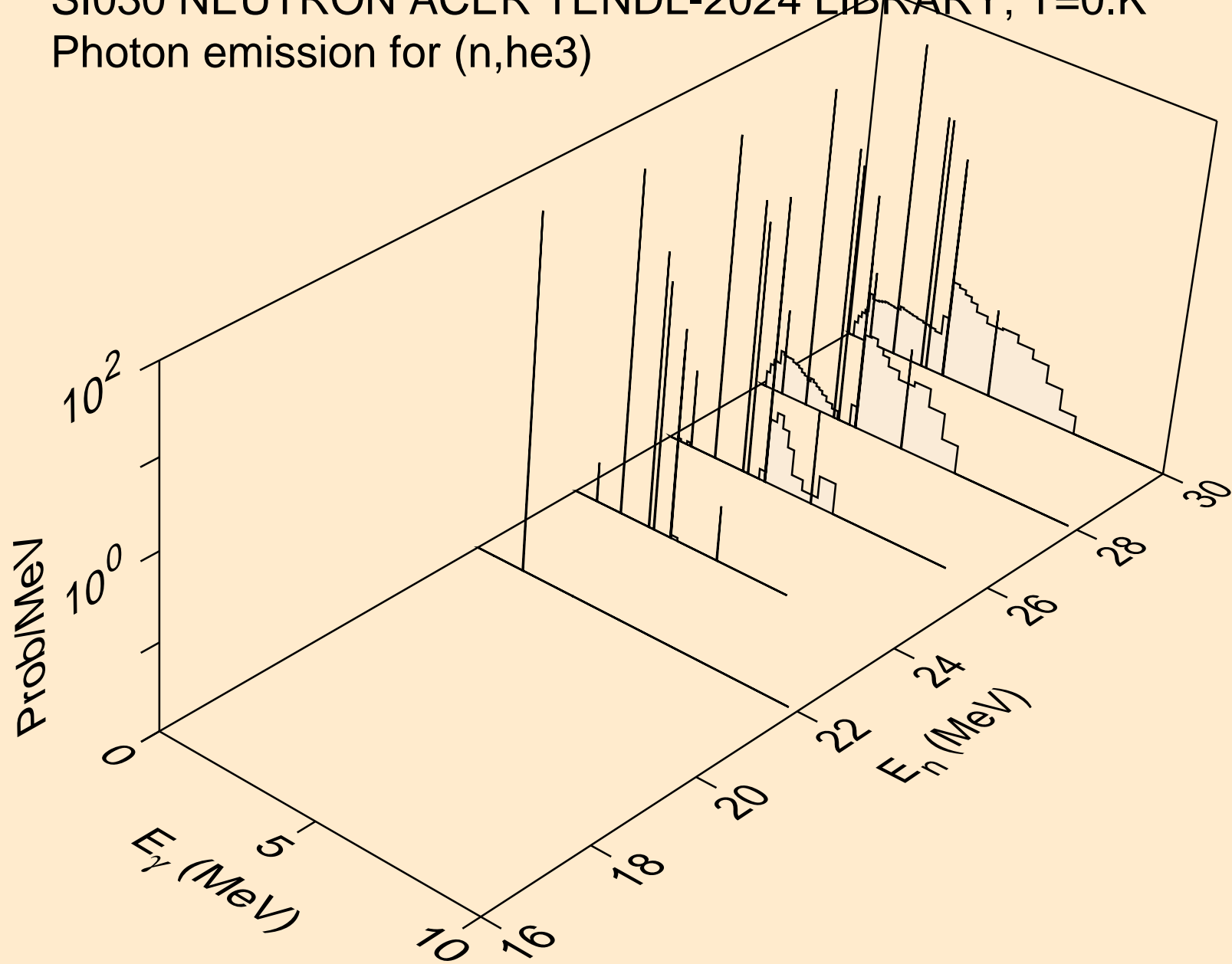
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



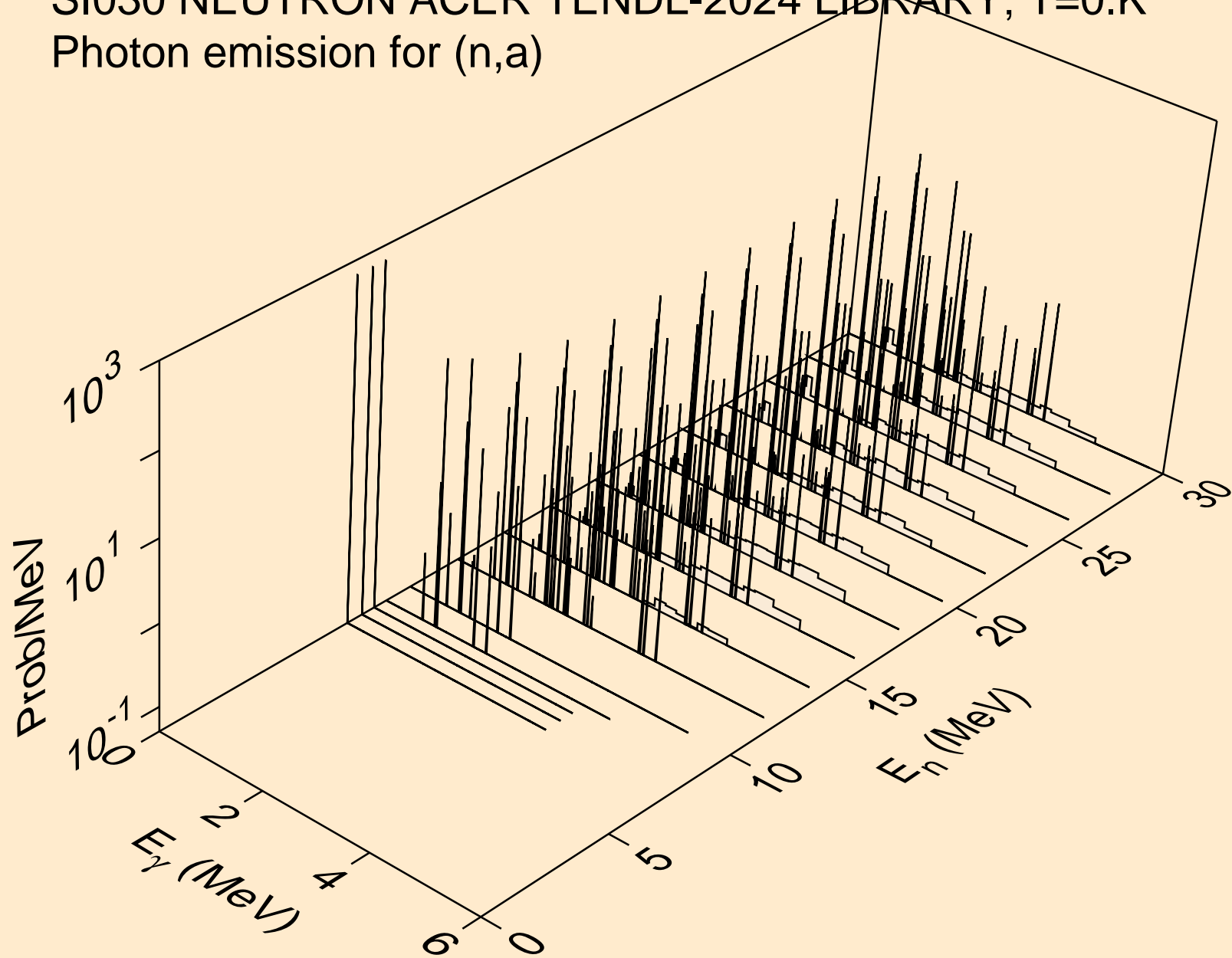
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



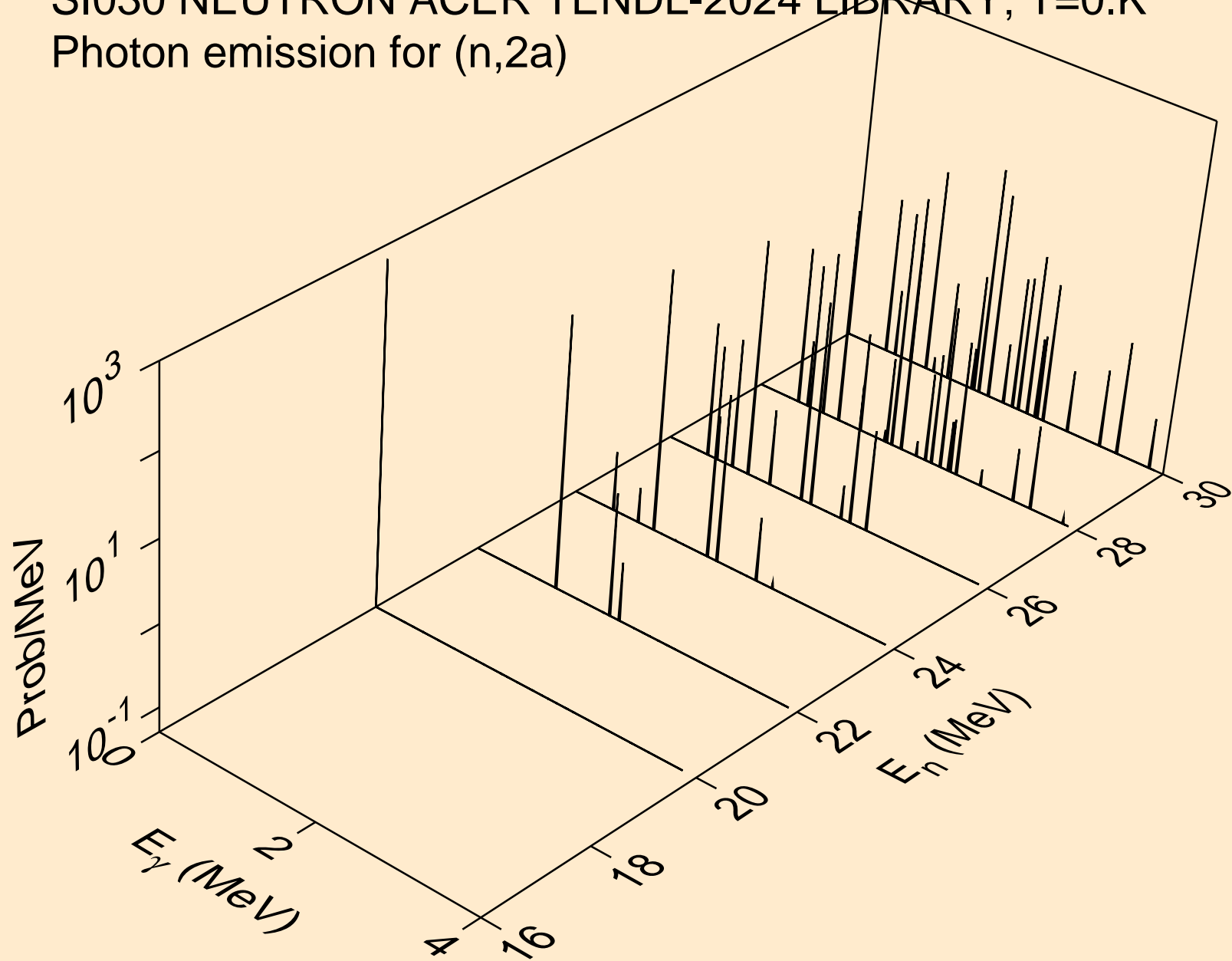
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



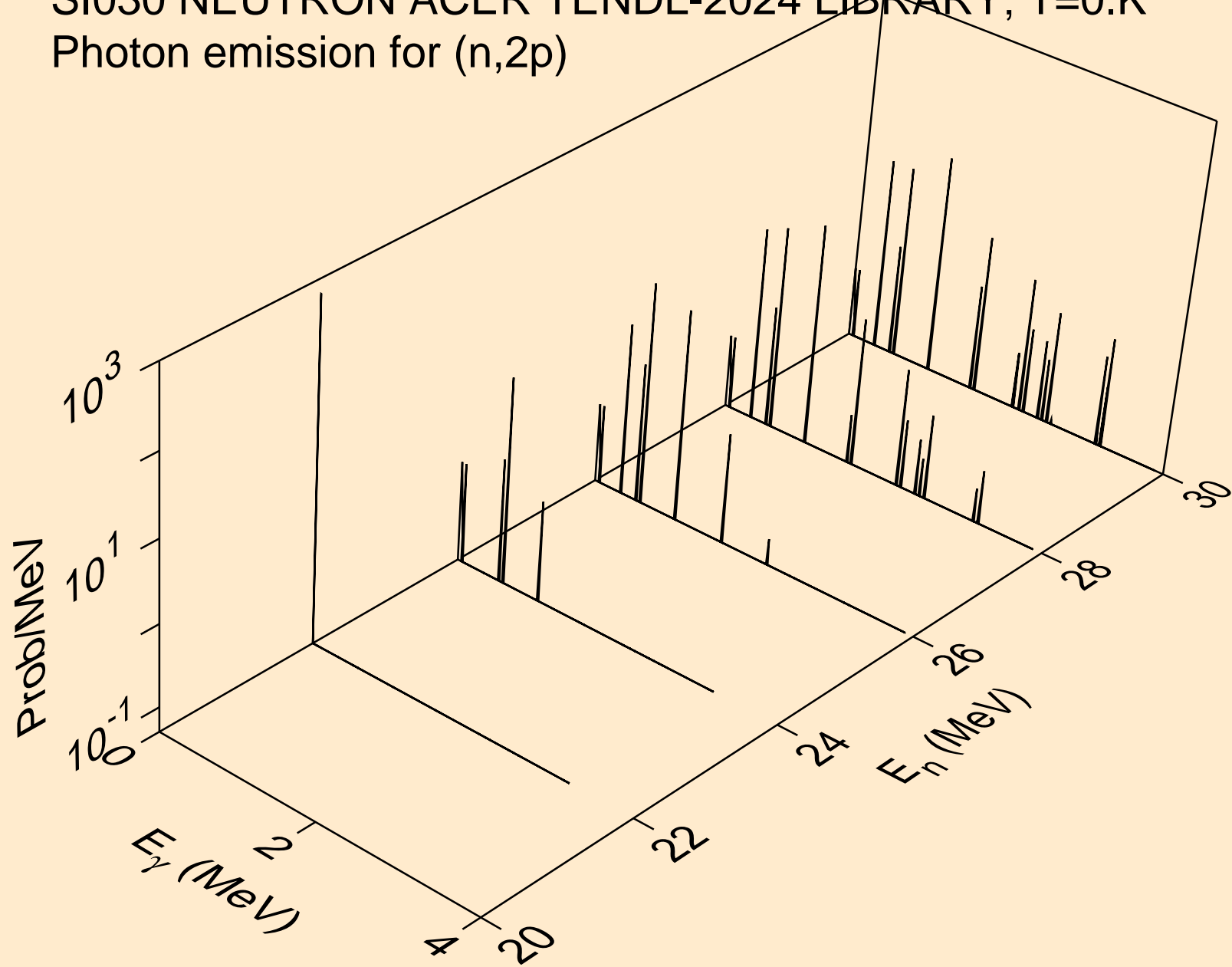
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



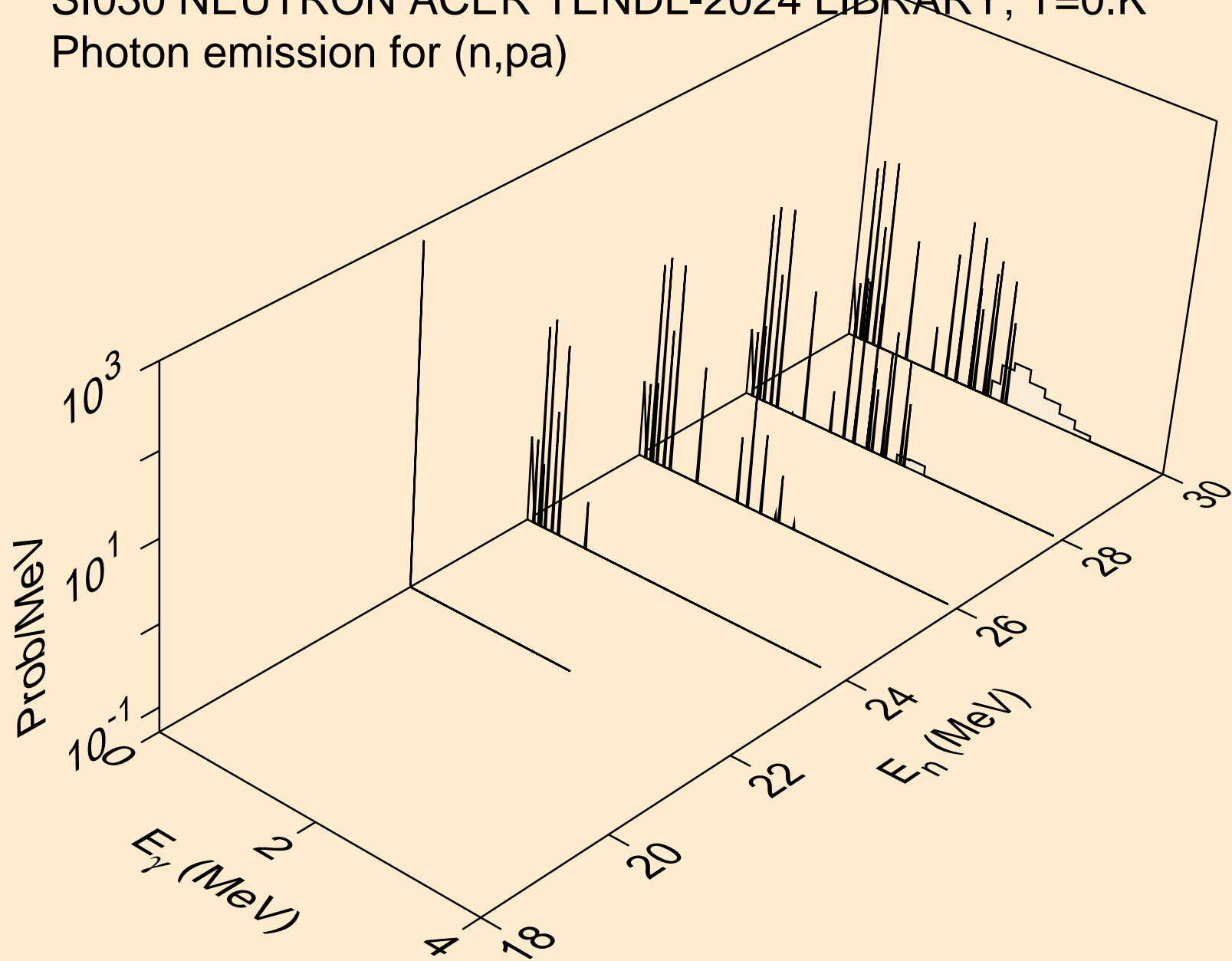
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



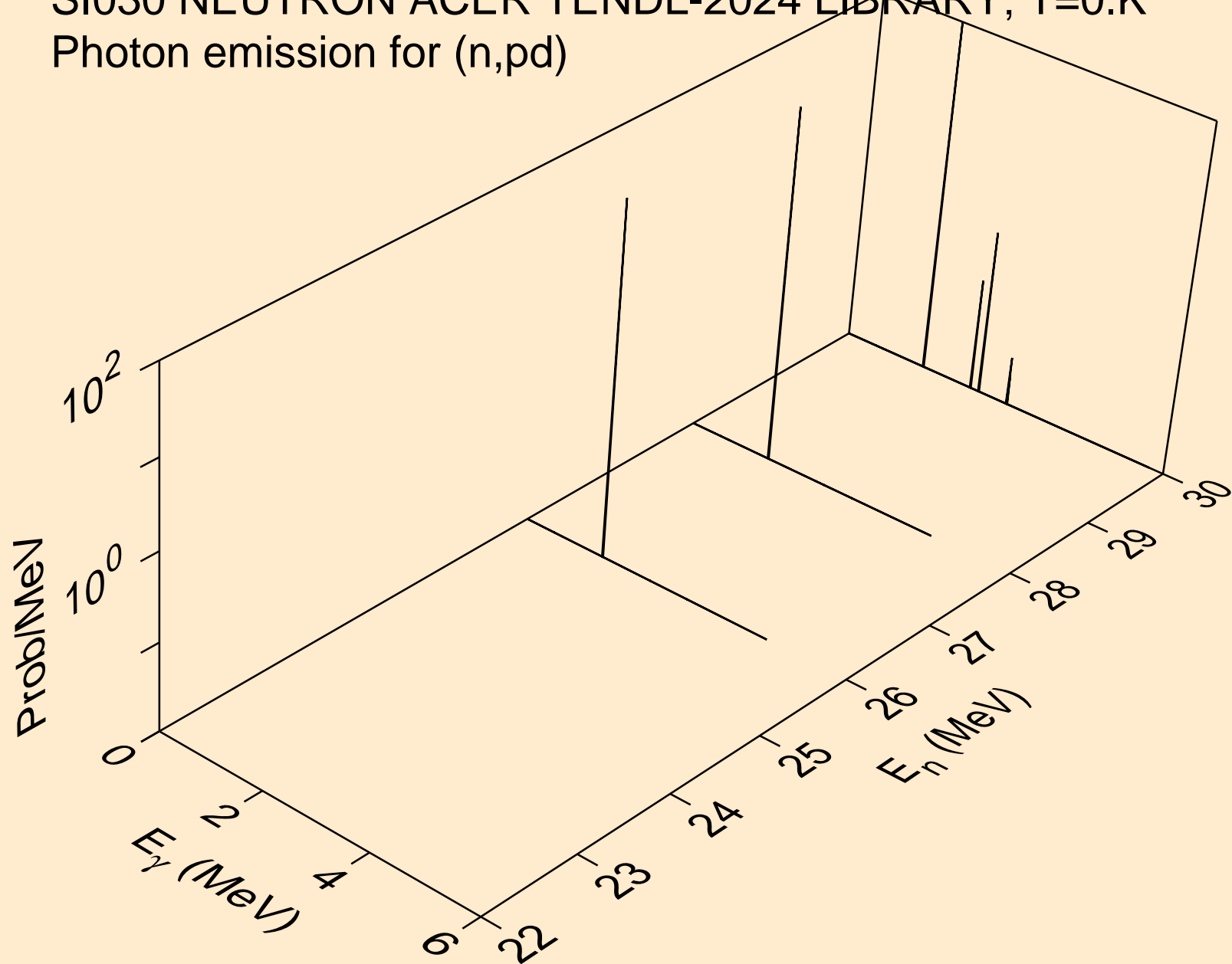
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



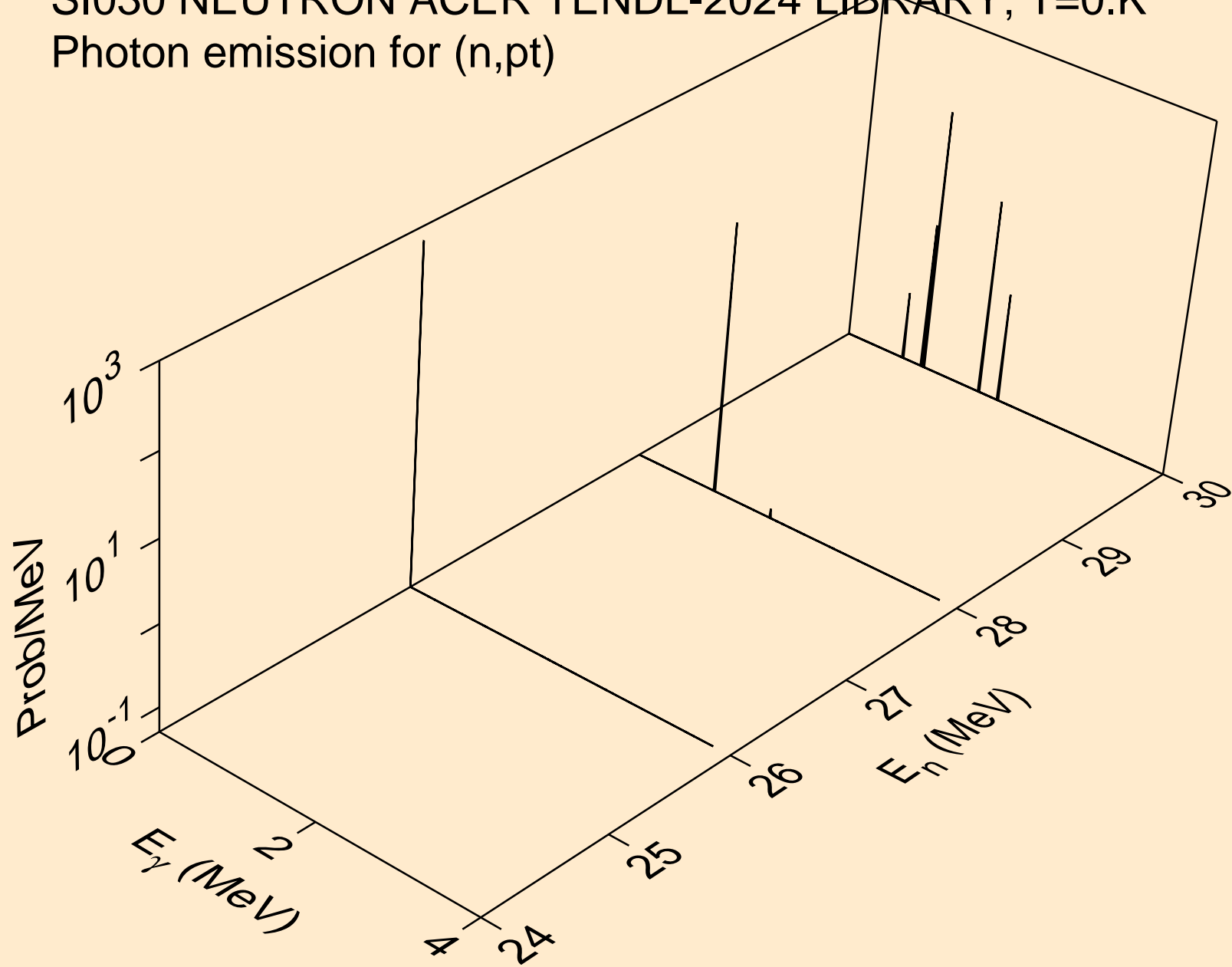
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



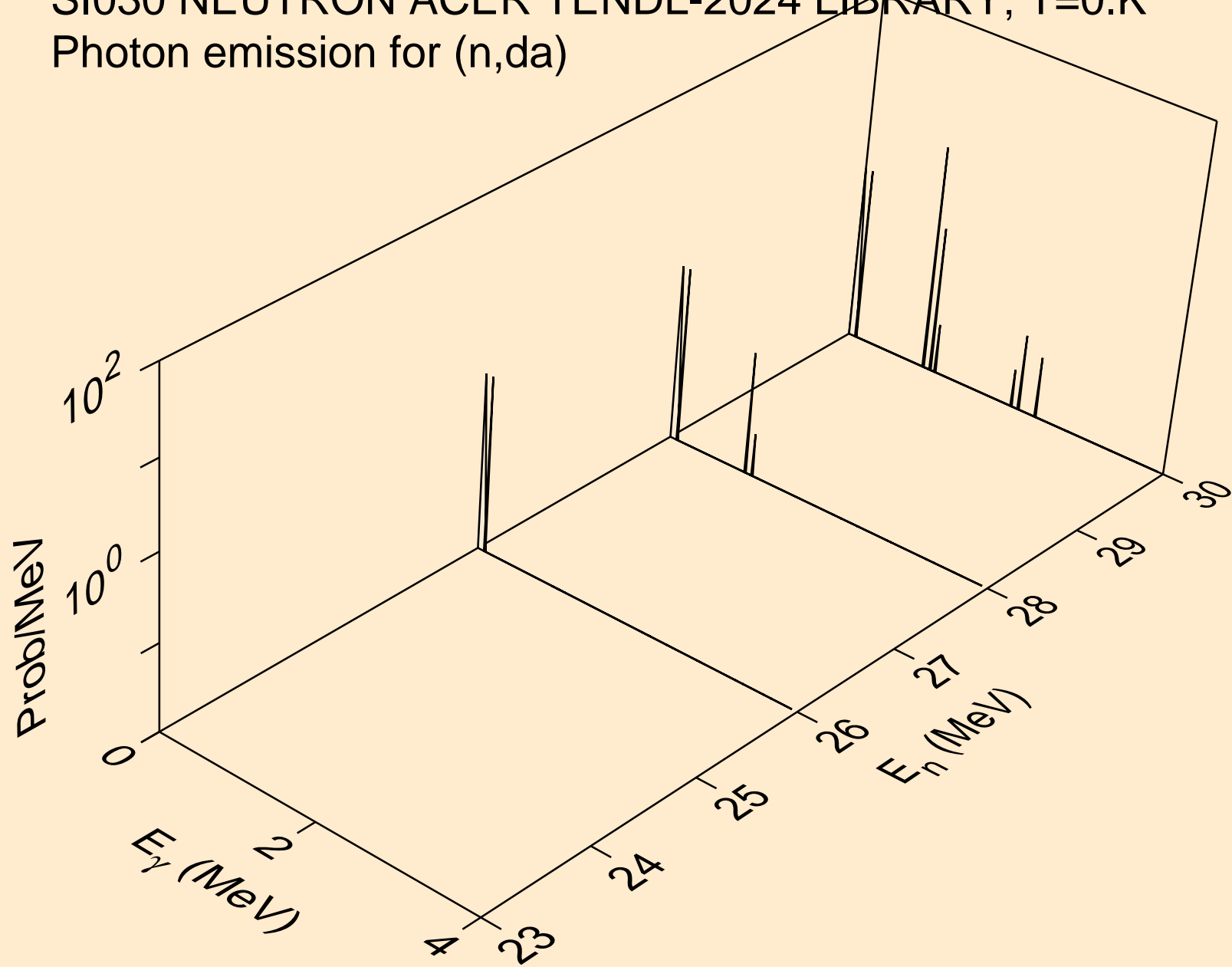
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



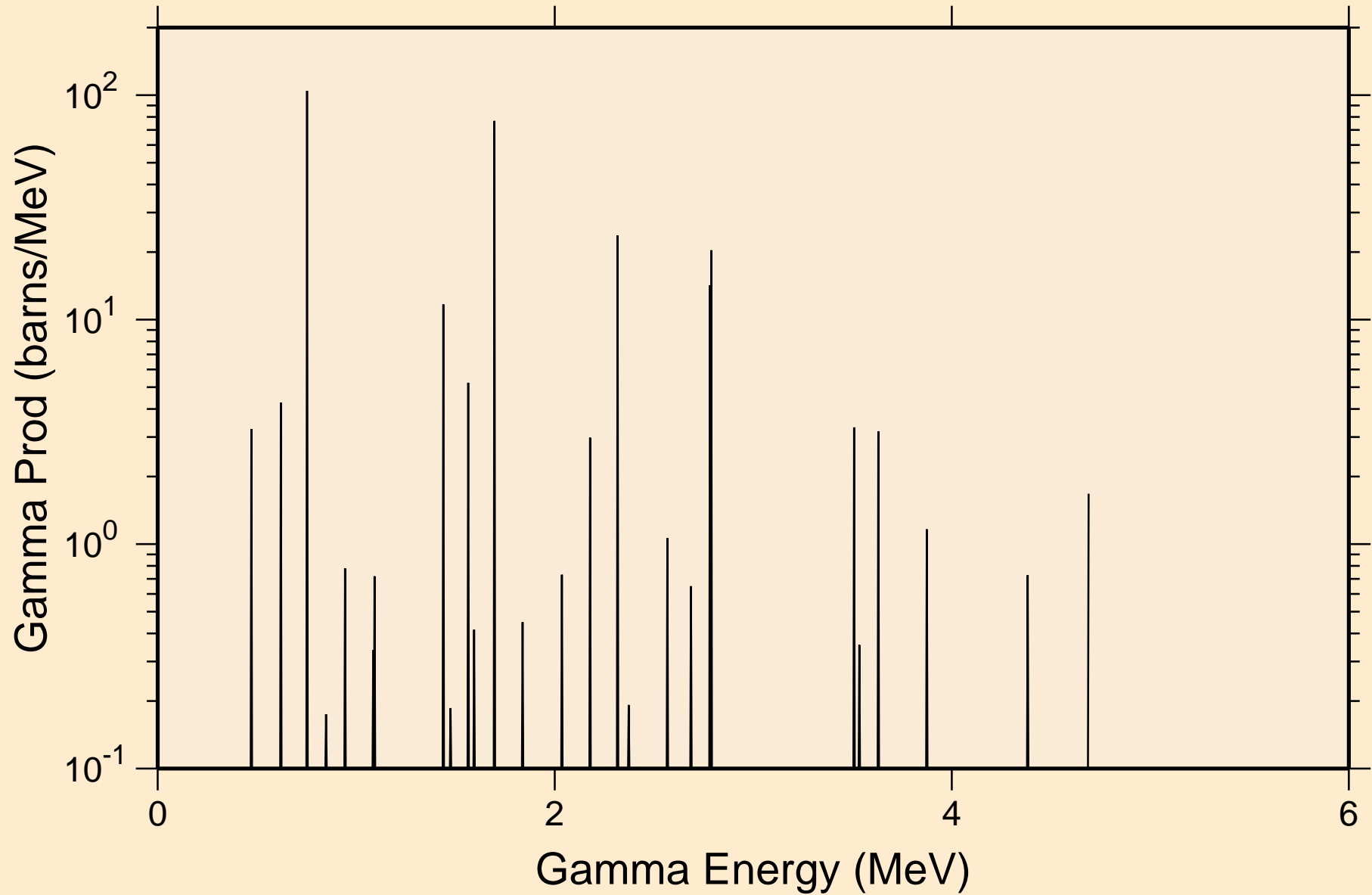
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



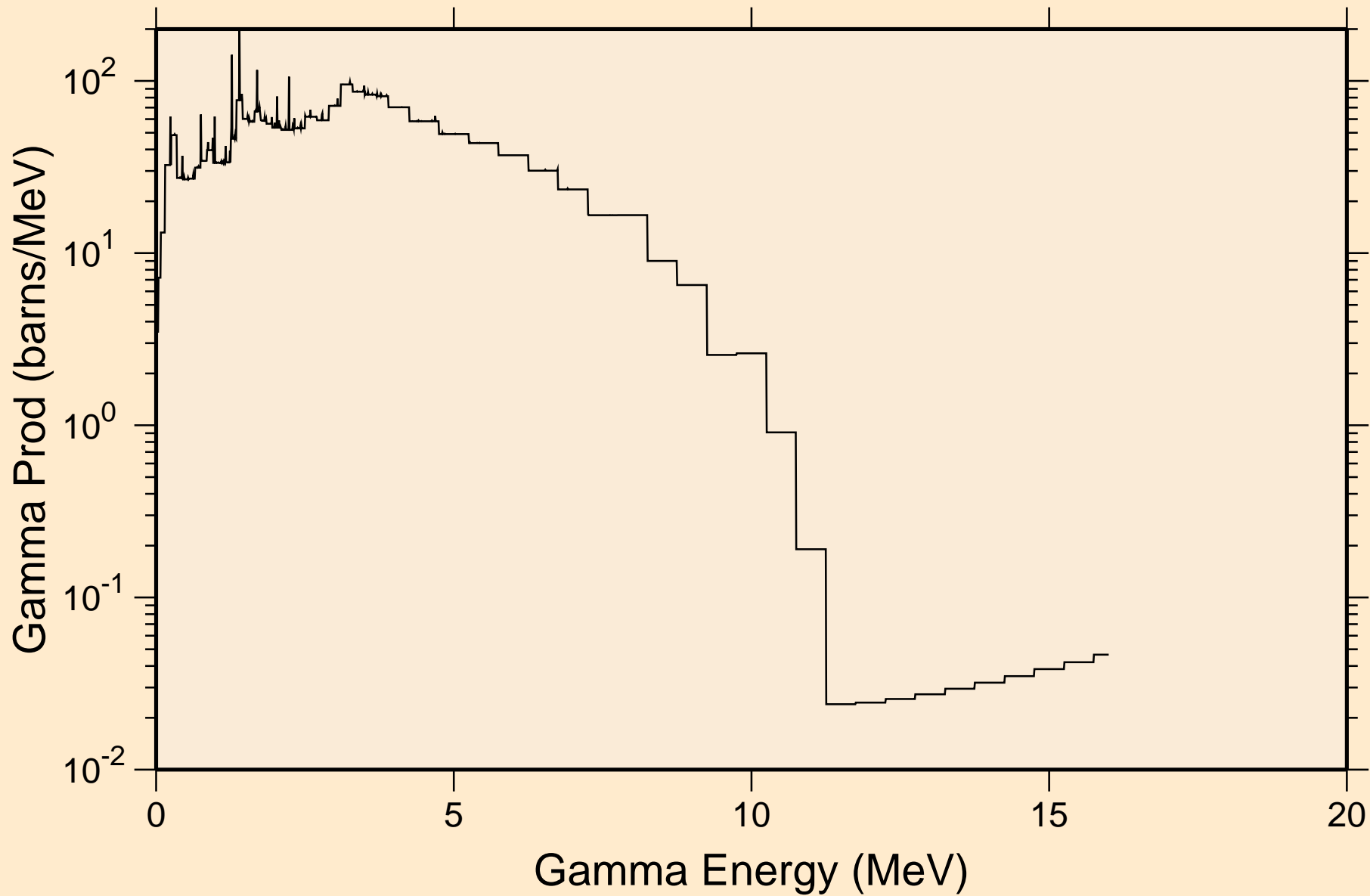
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

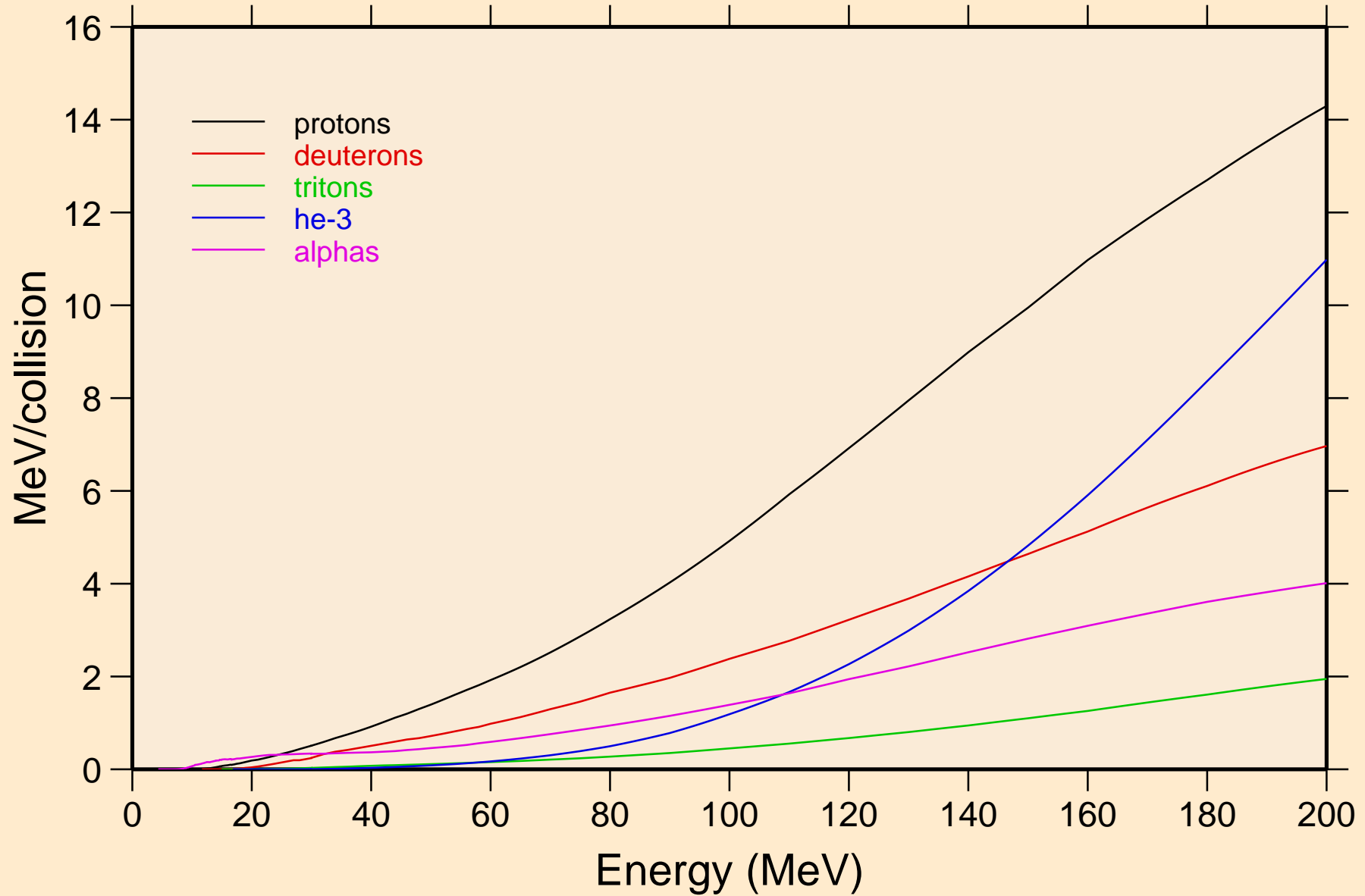


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



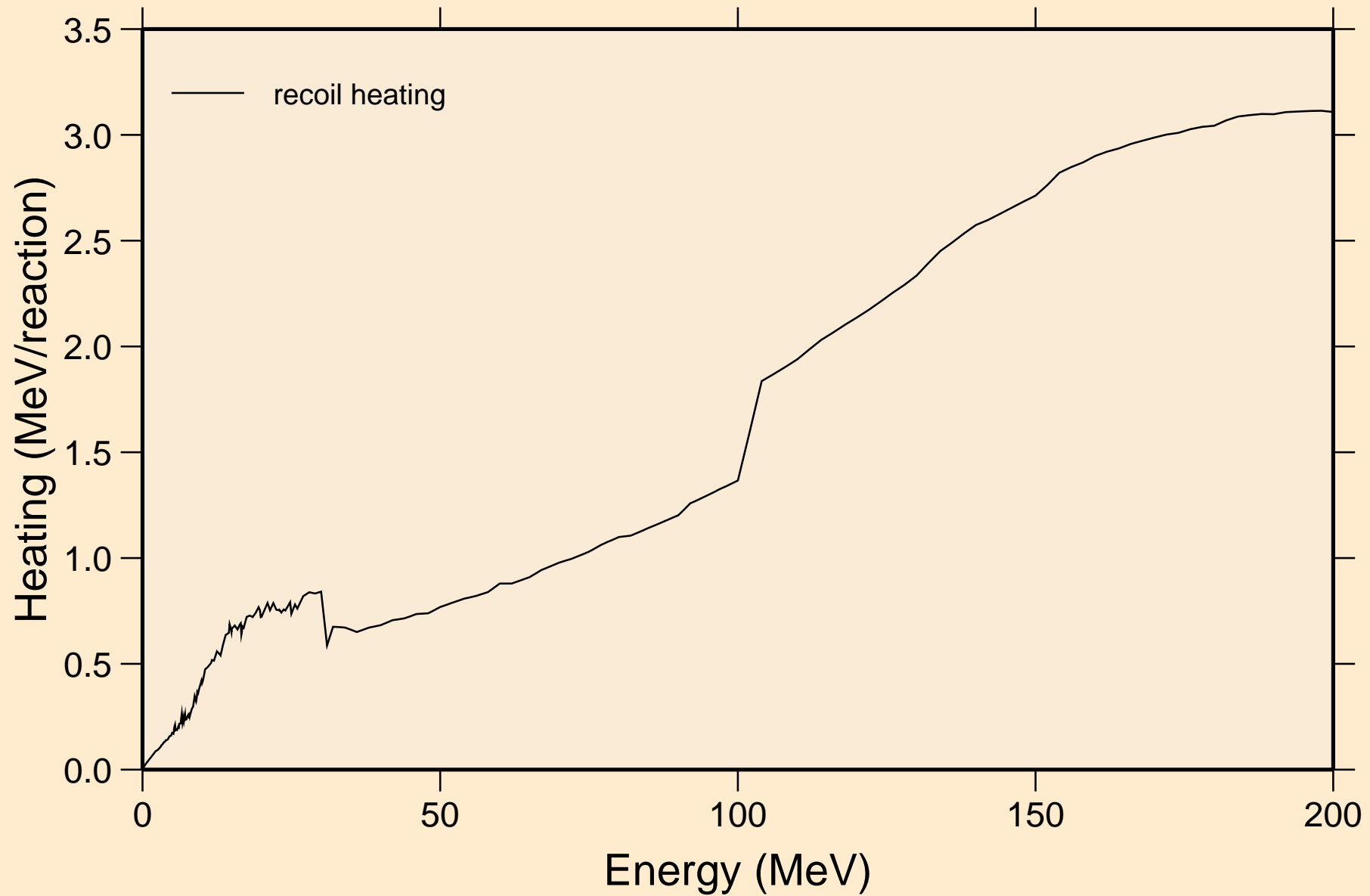
# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

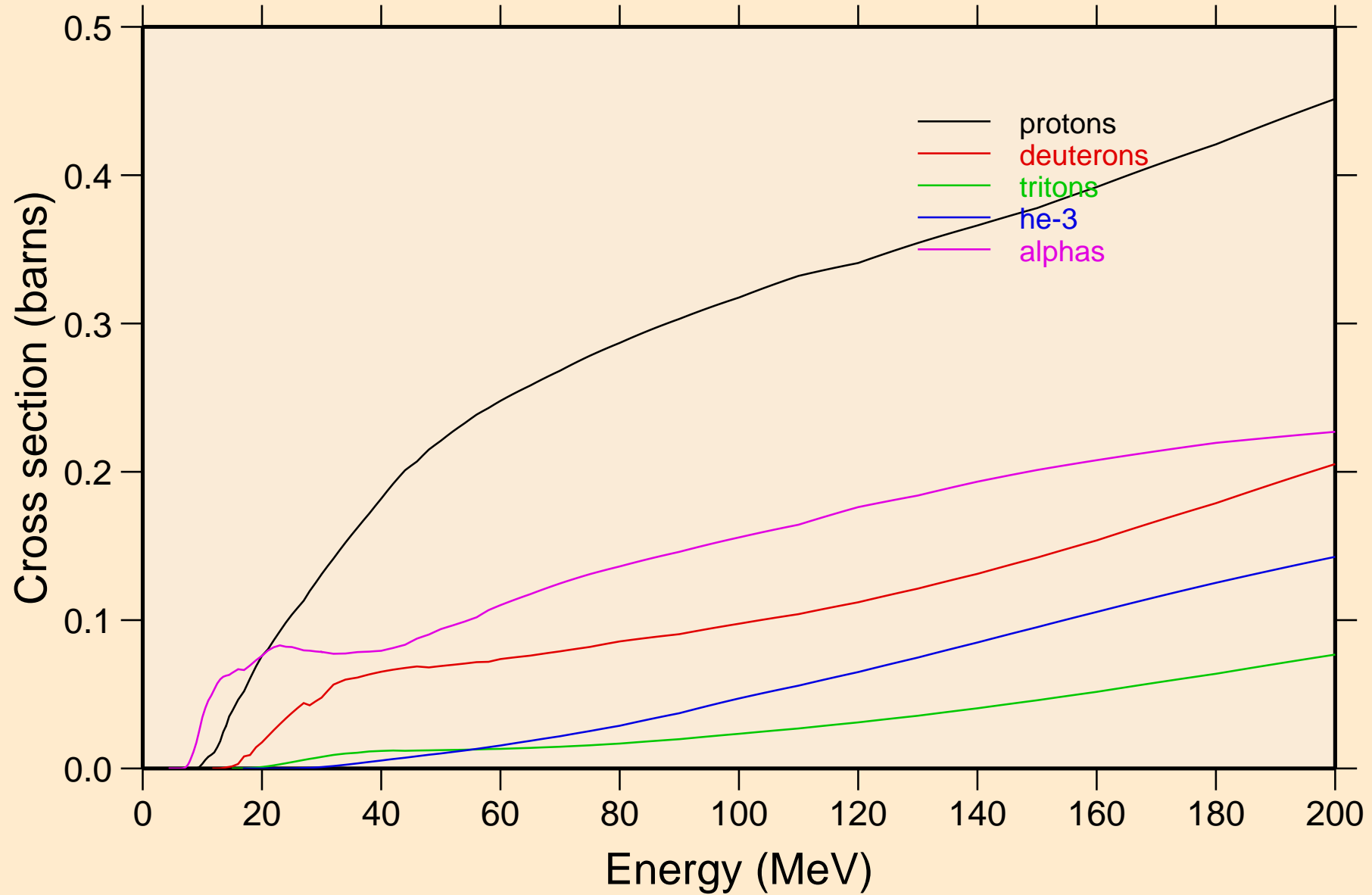


# SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

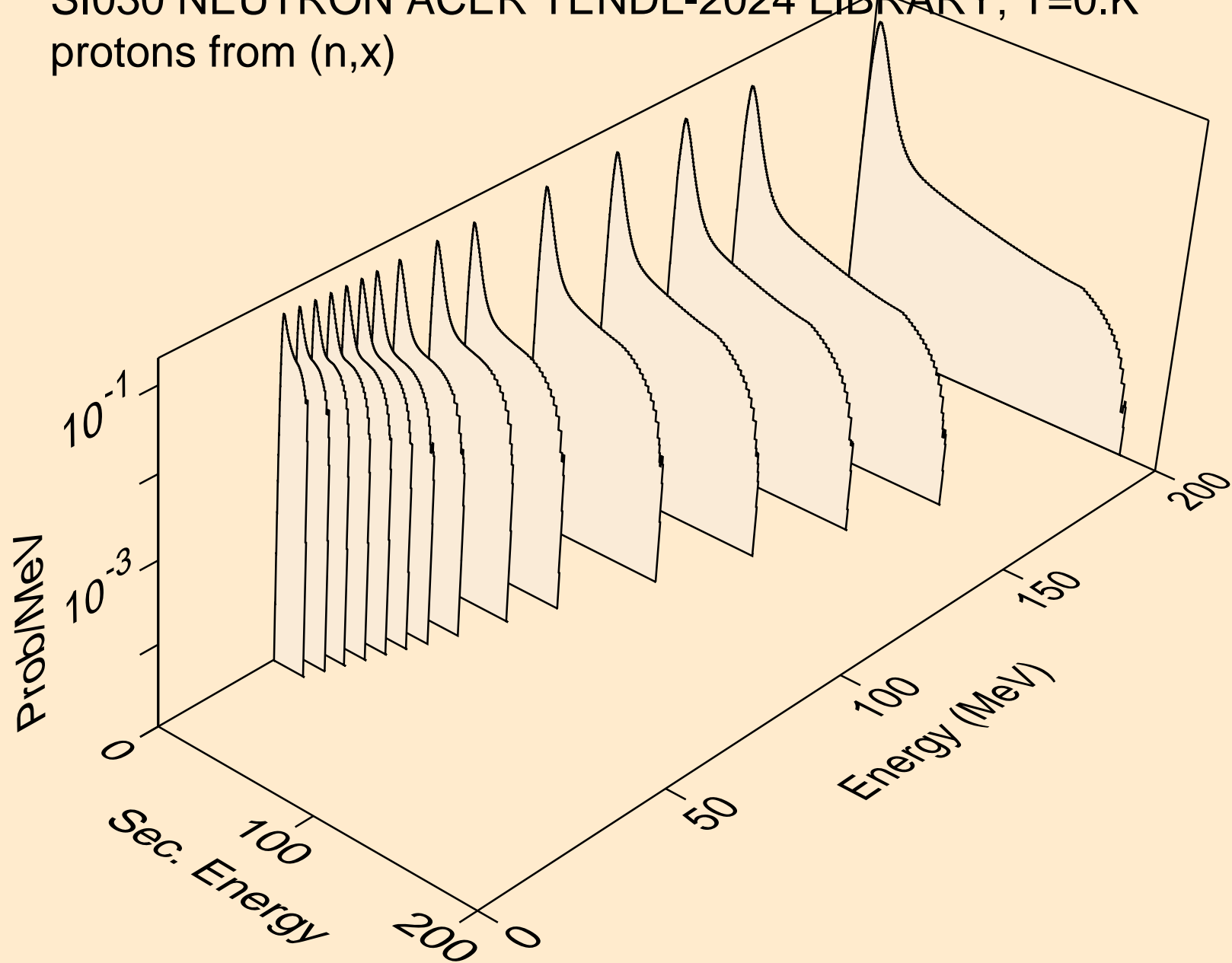
## Recoil Heating



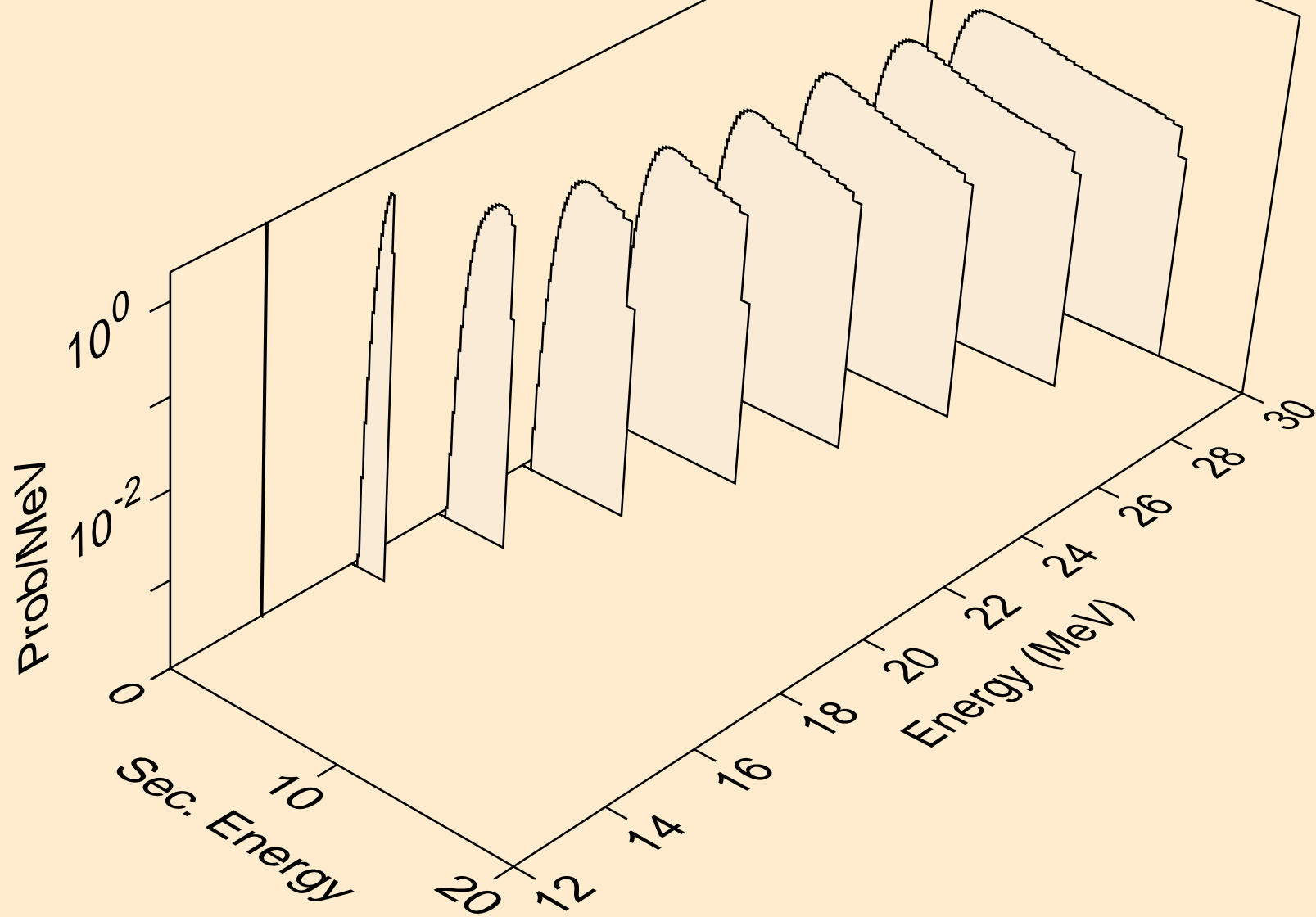
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



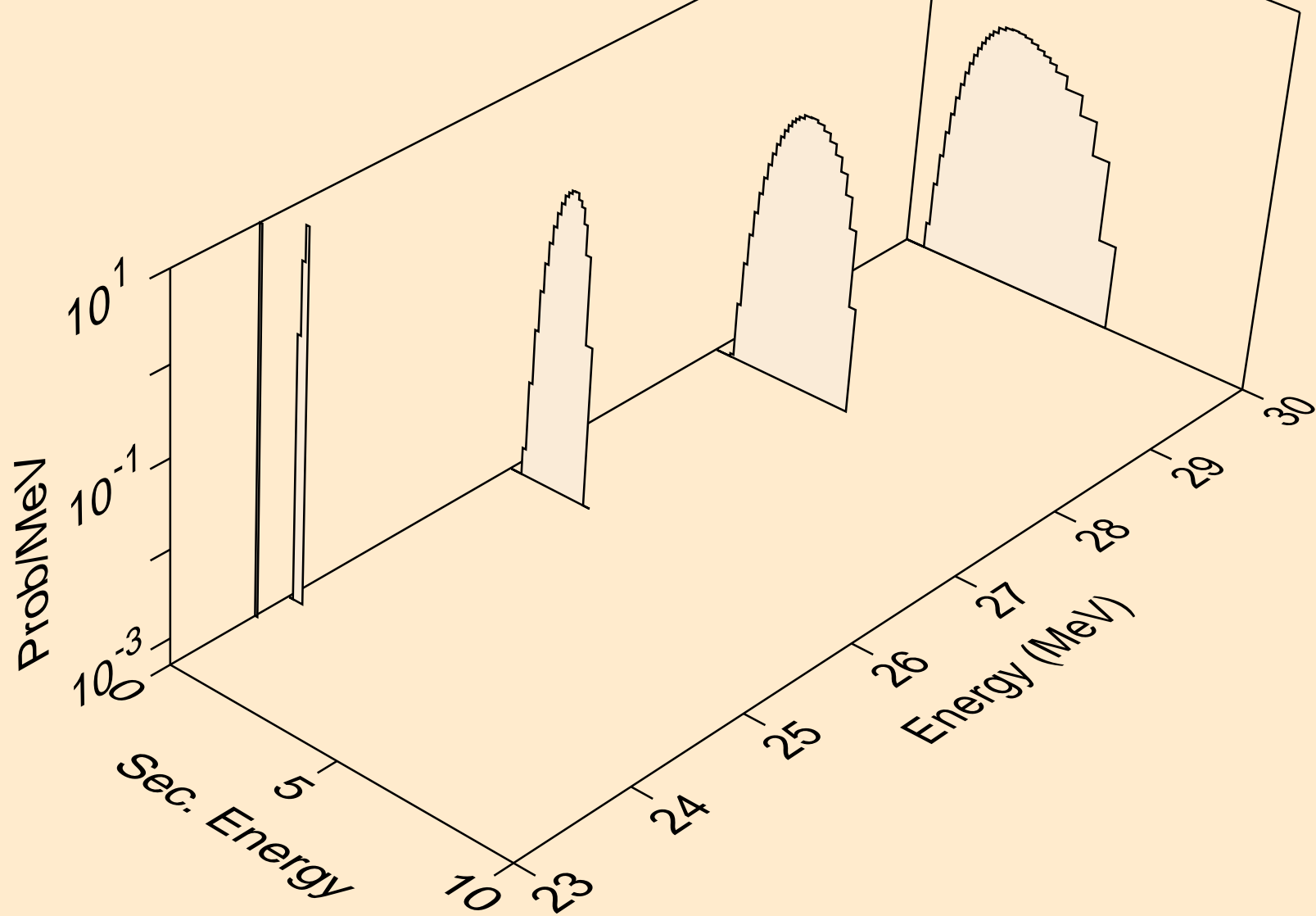
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



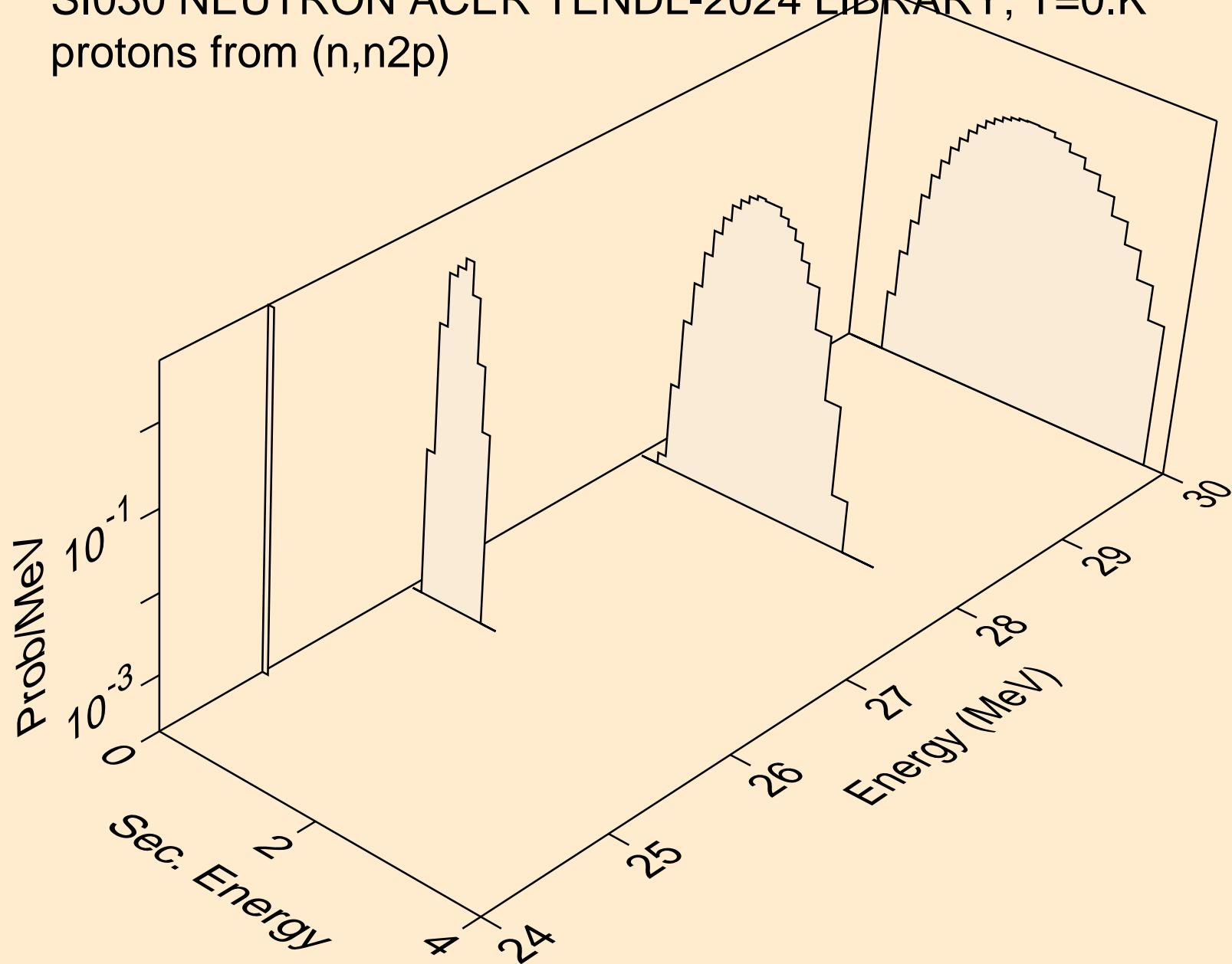
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



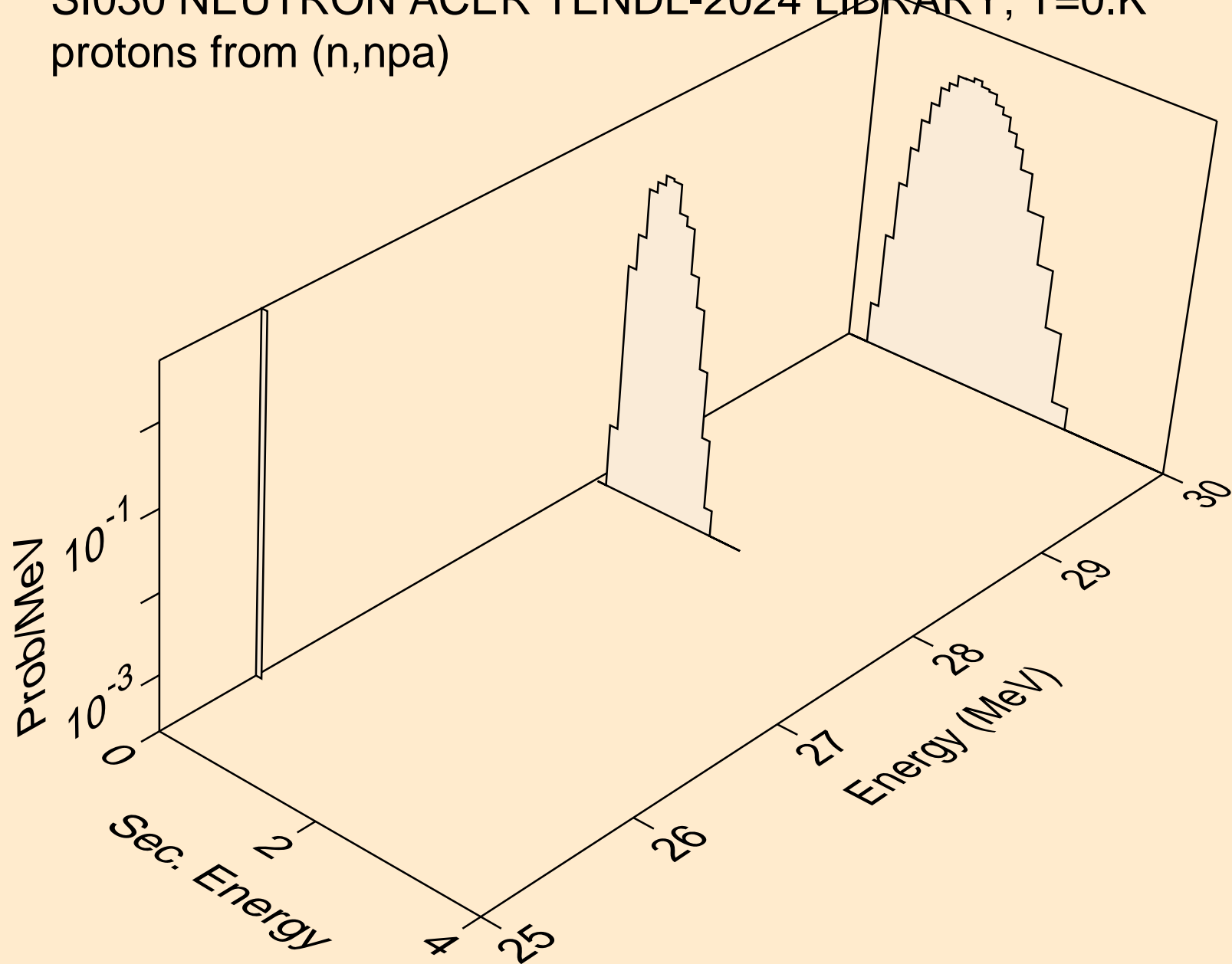
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



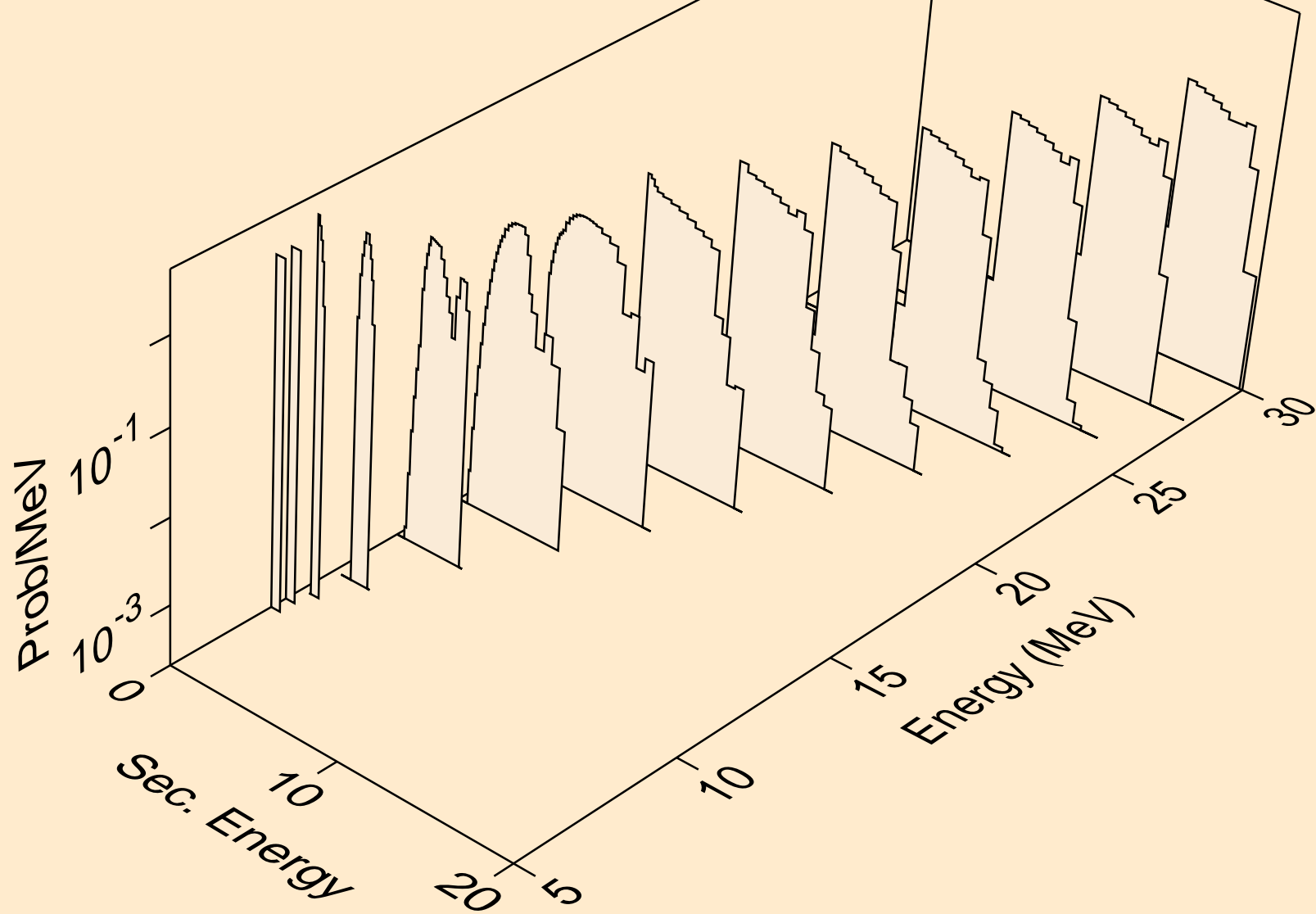
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



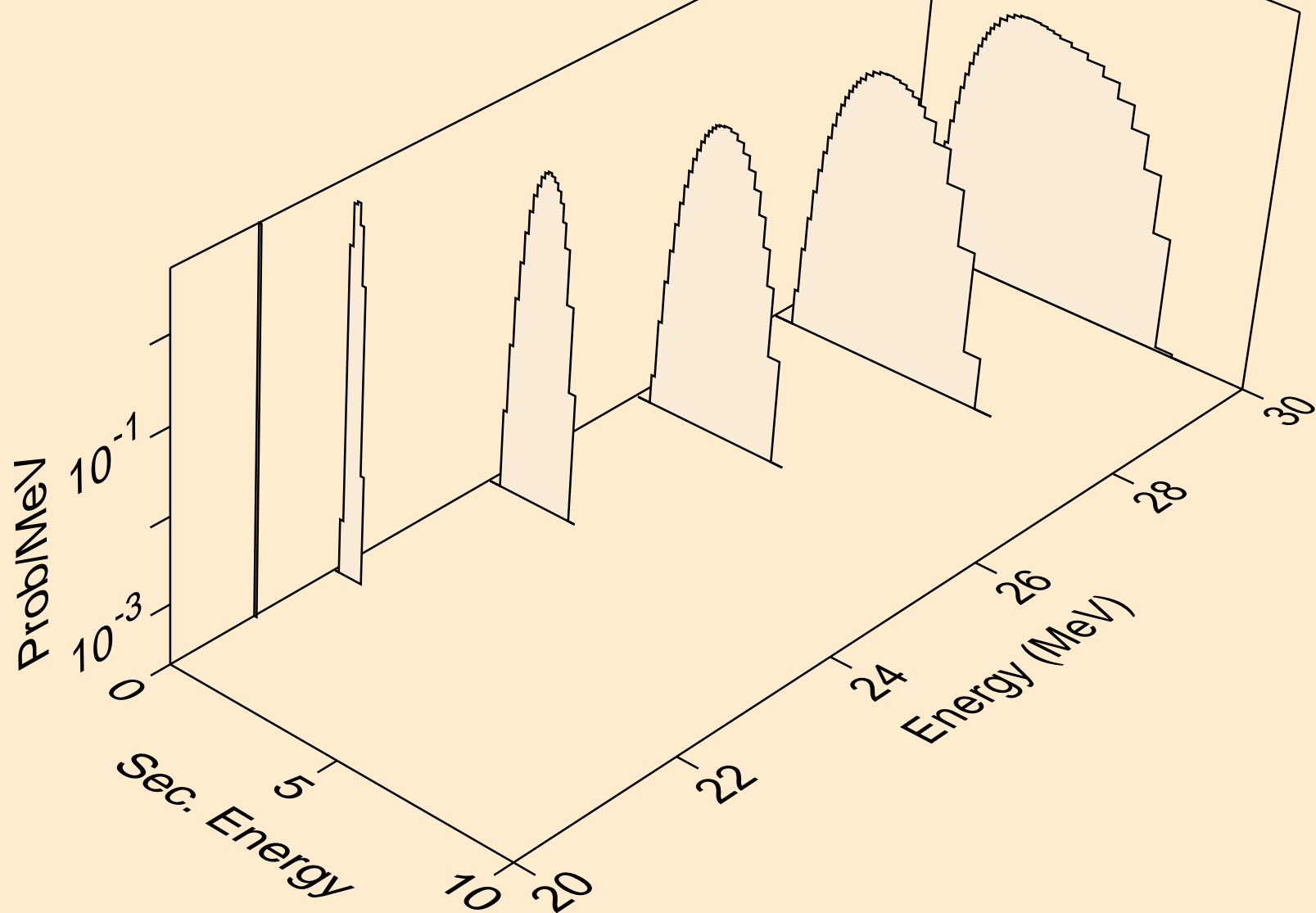
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



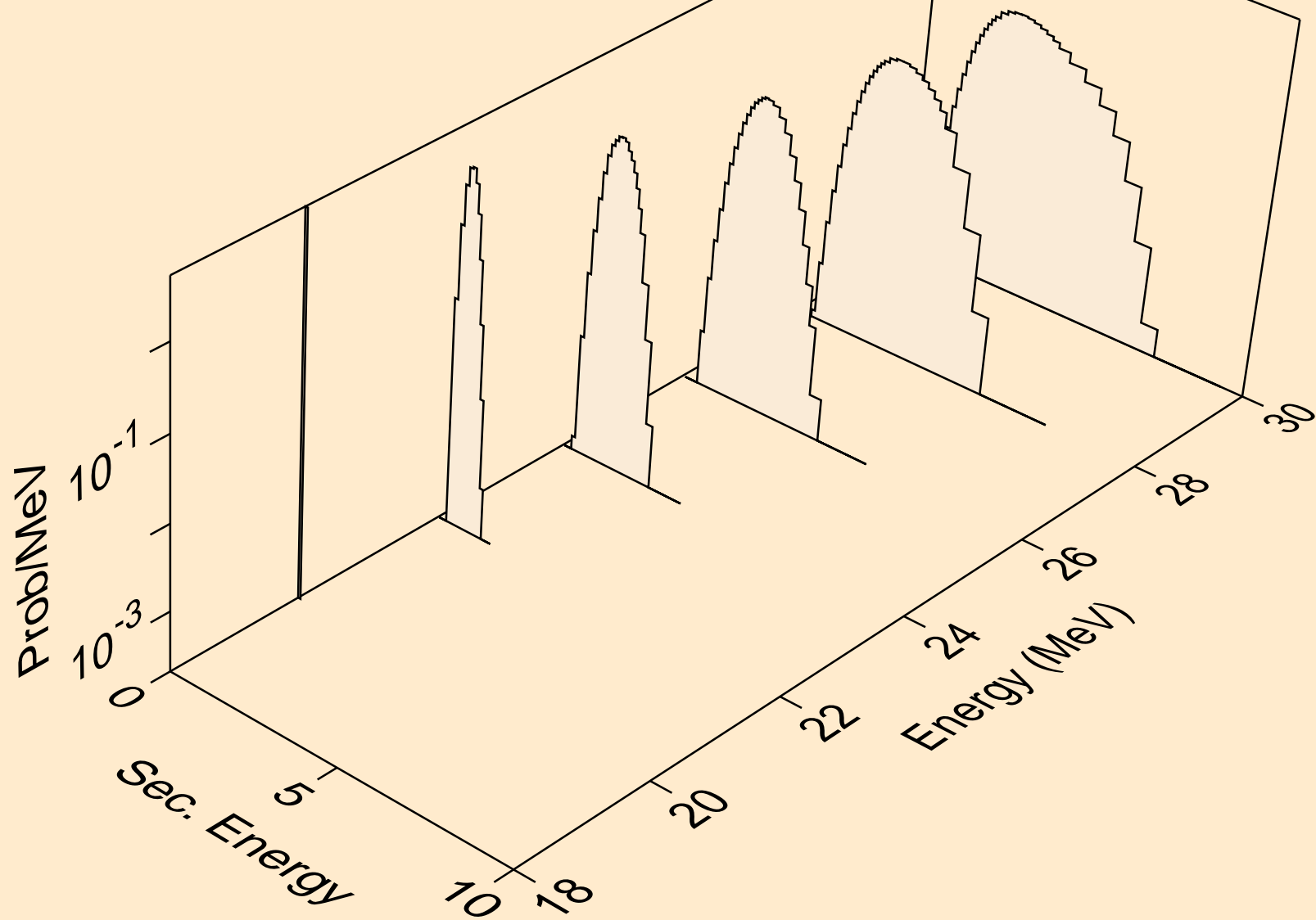
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



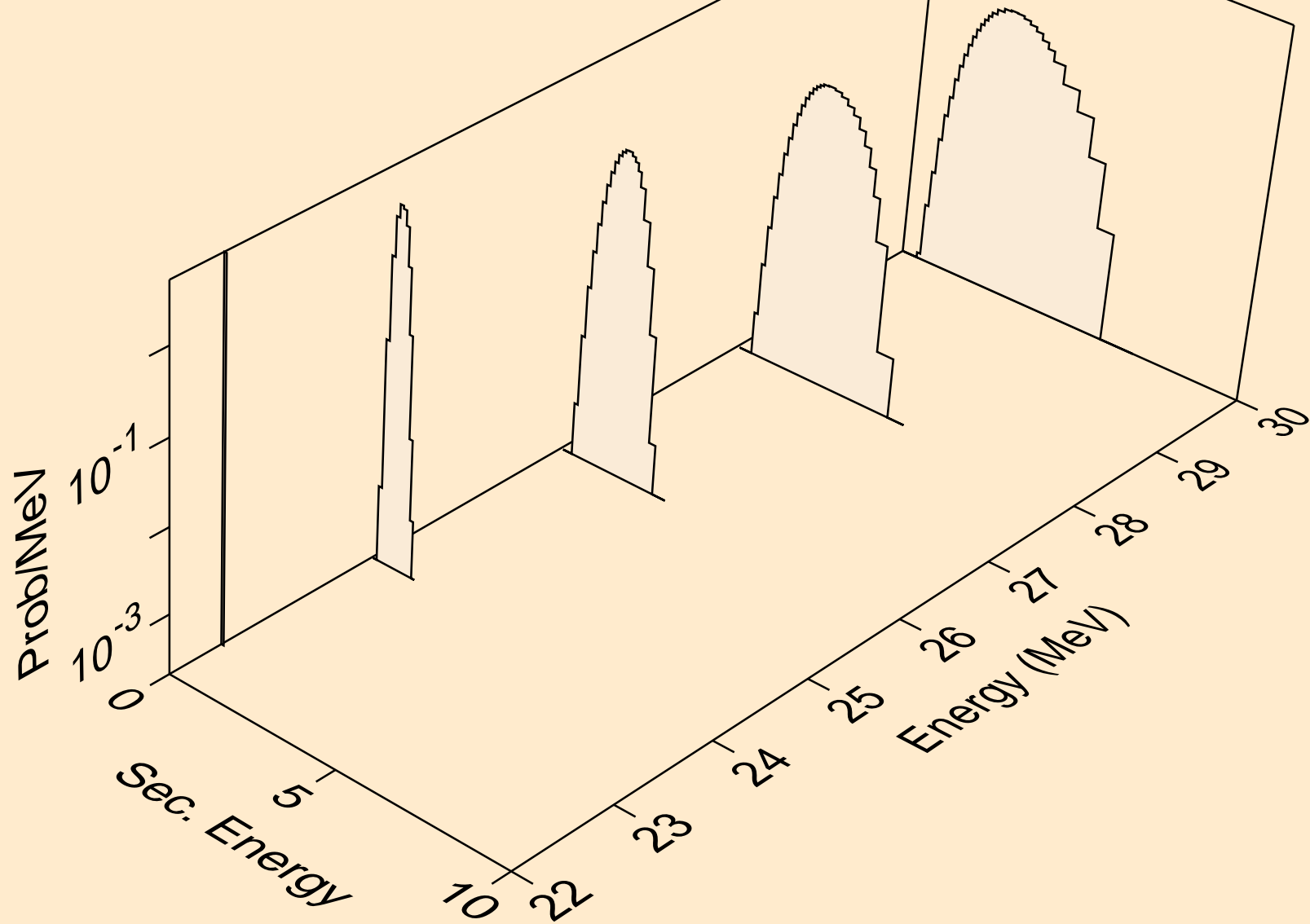
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



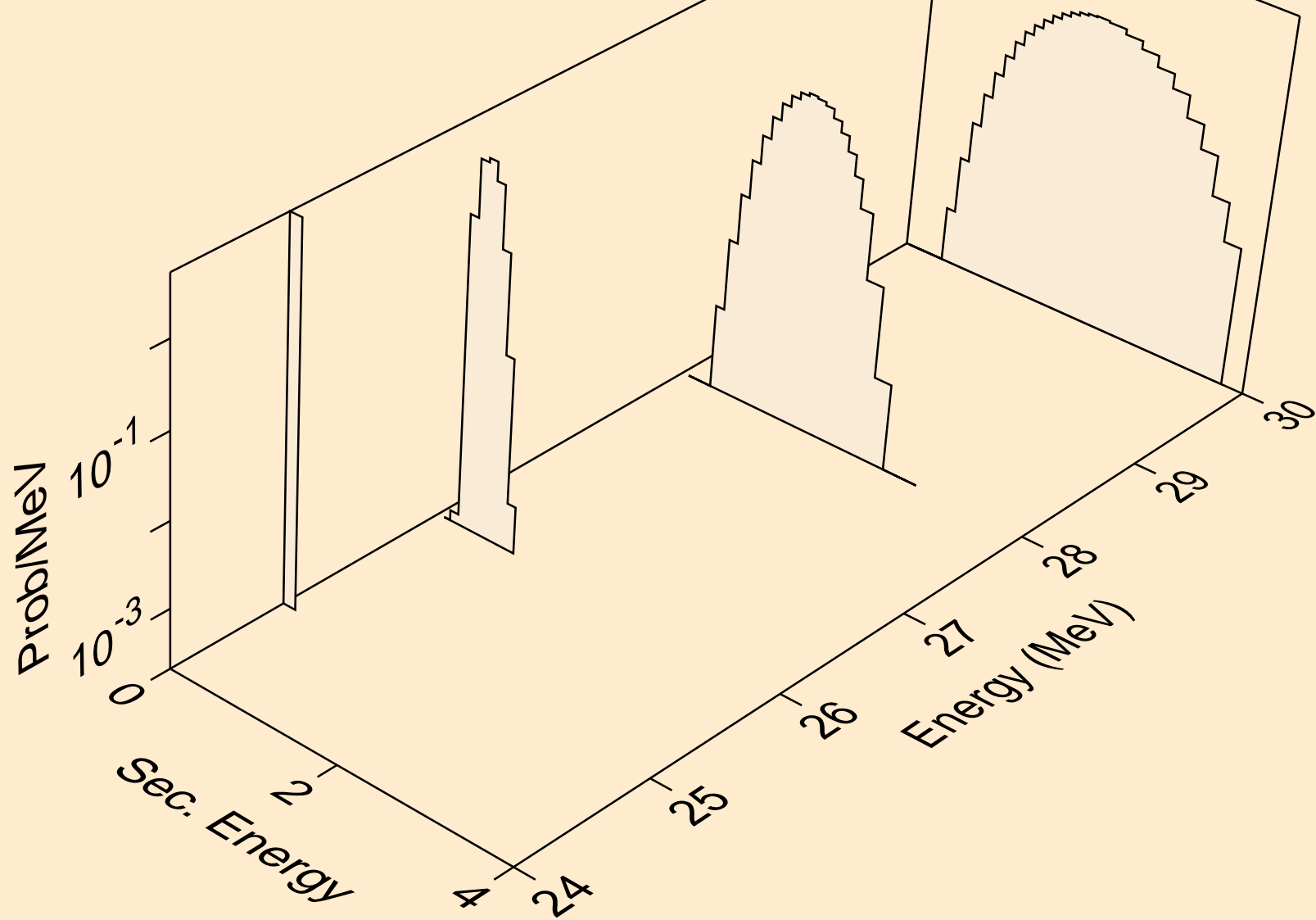
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



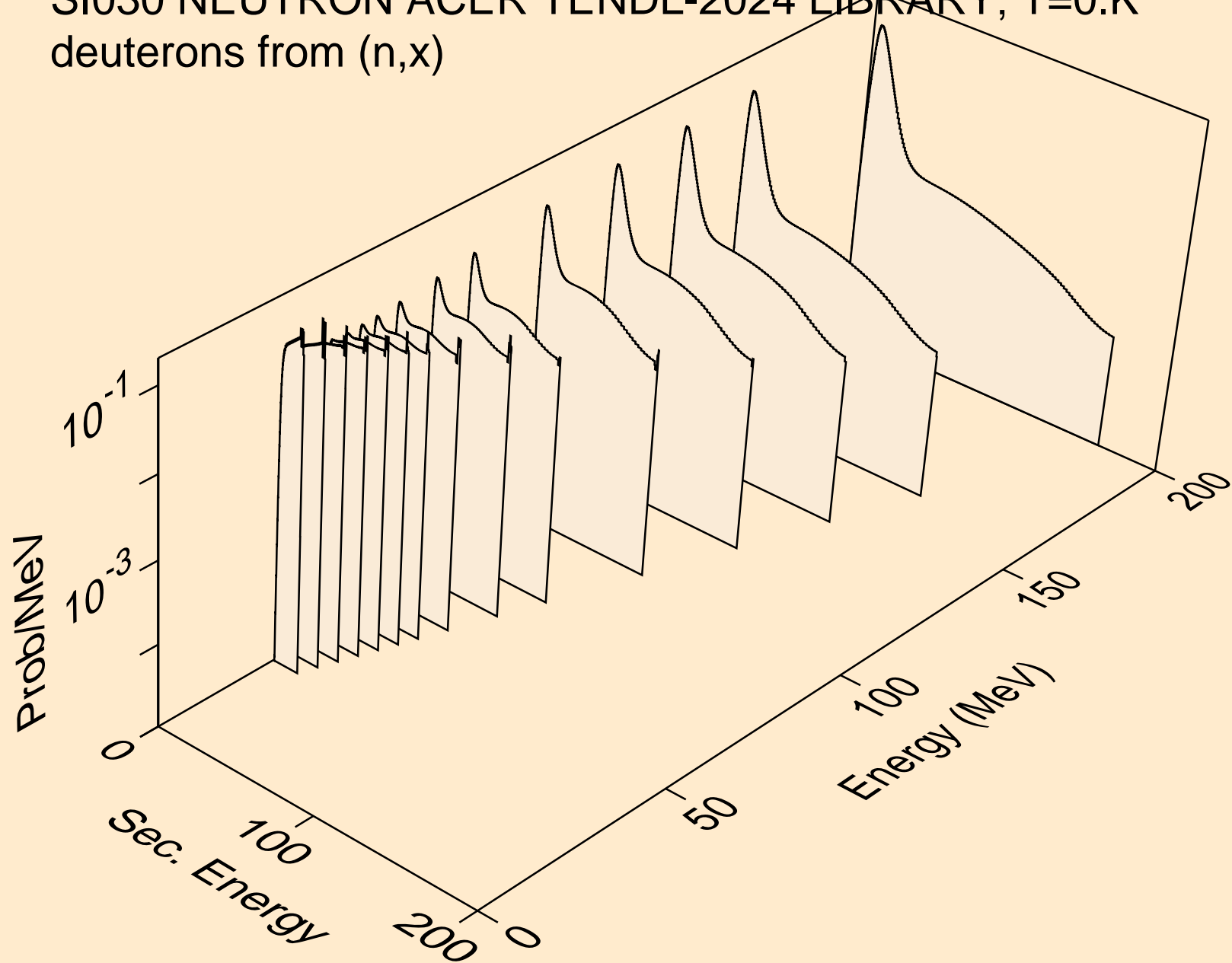
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



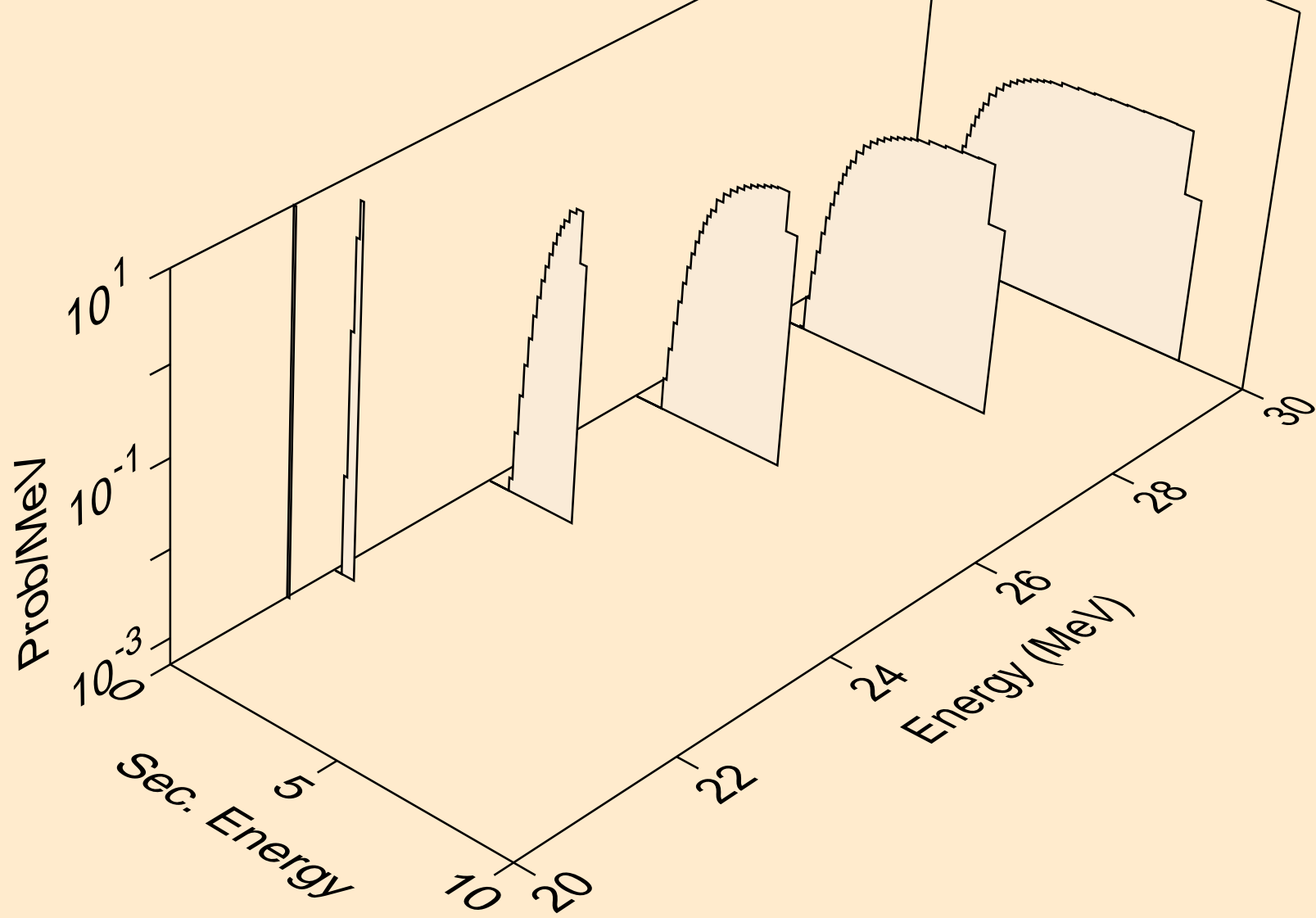
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



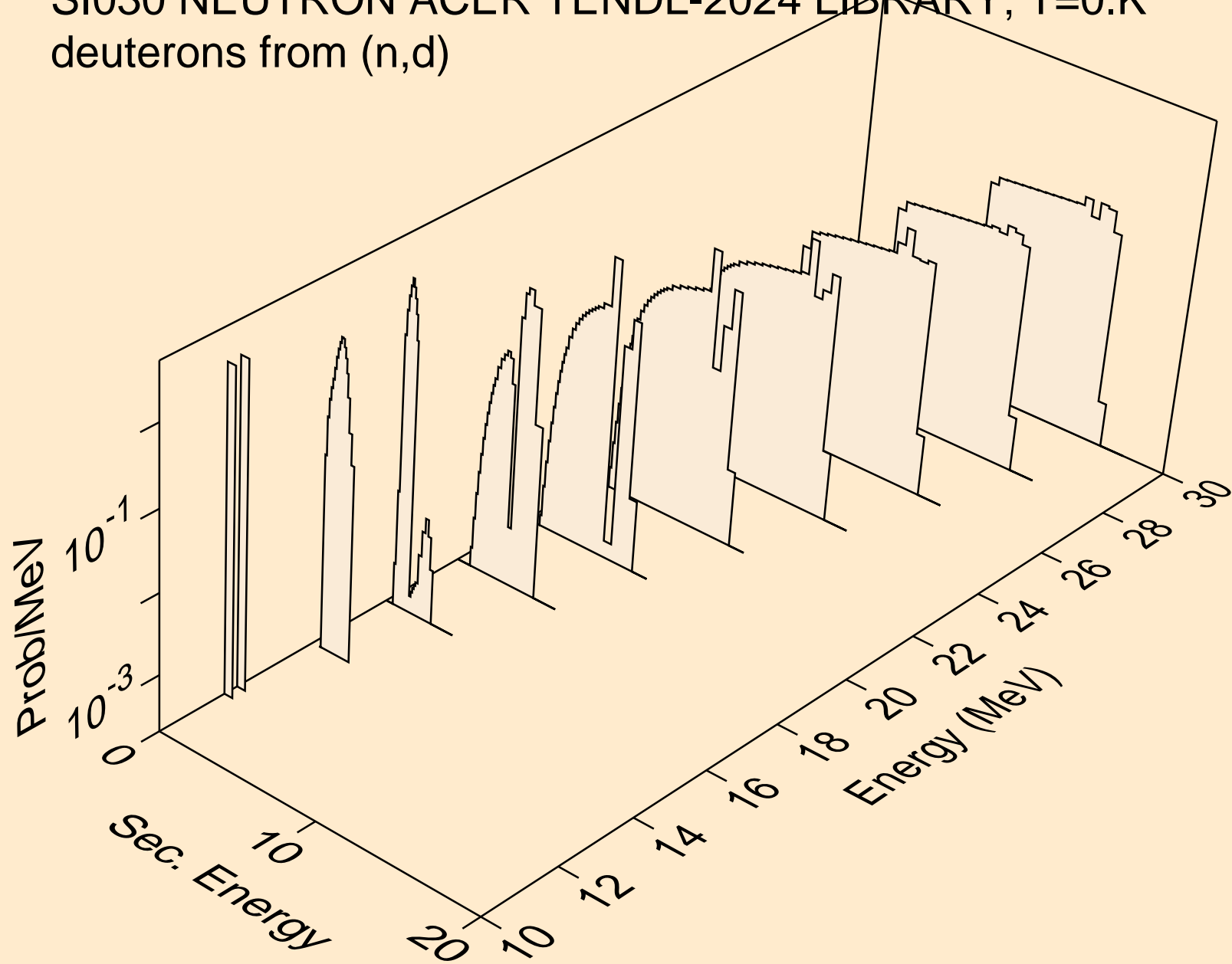
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



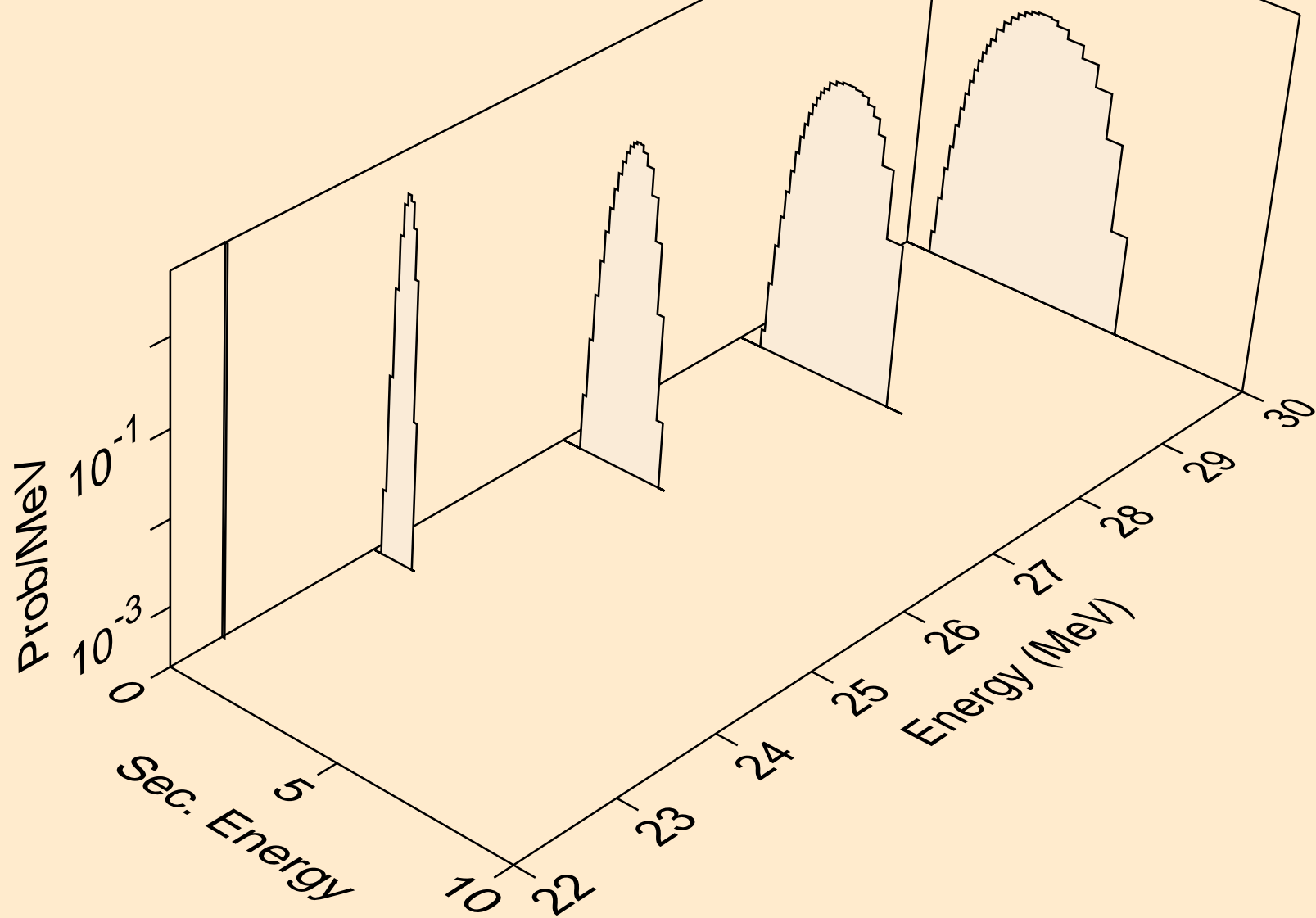
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



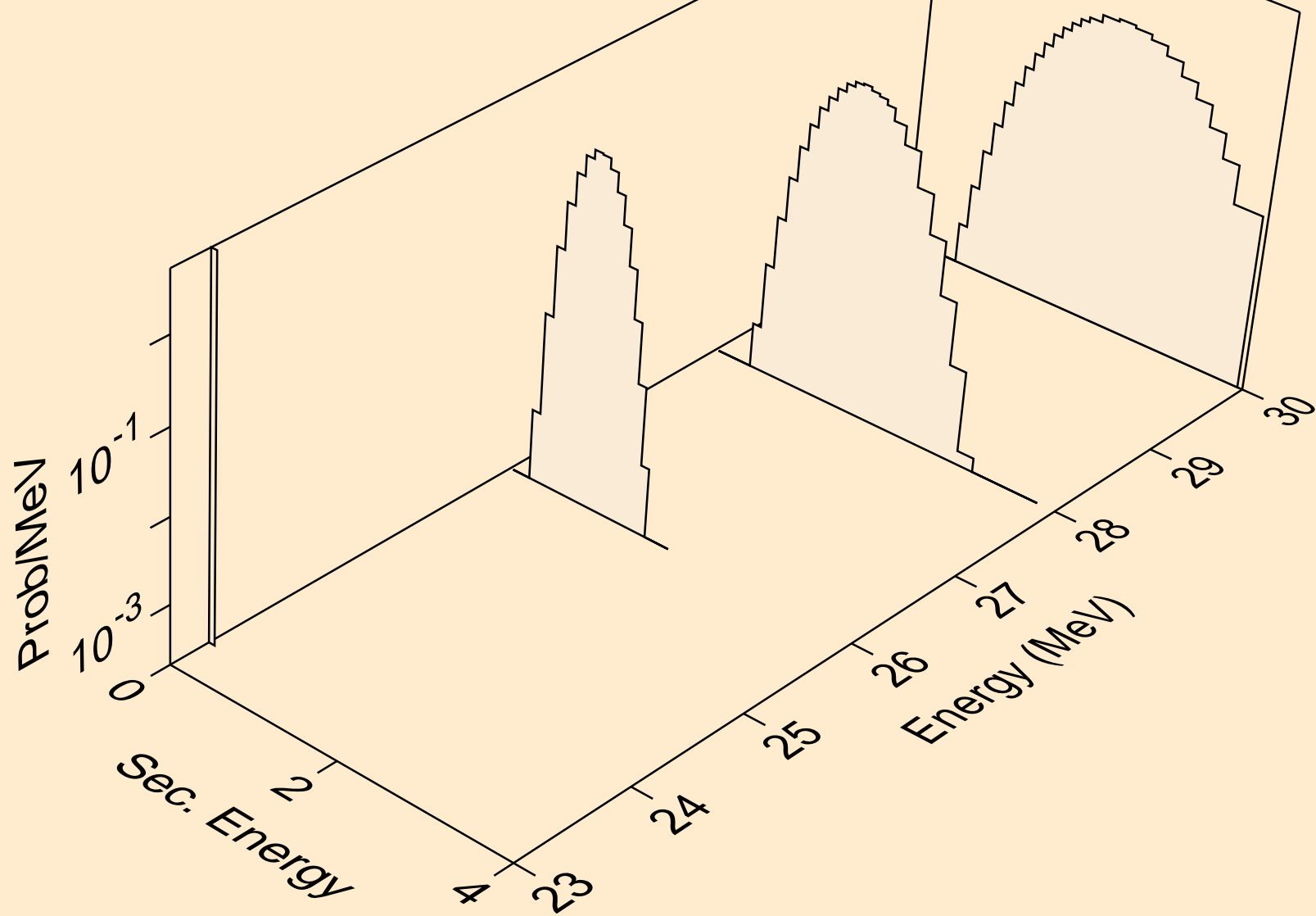
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



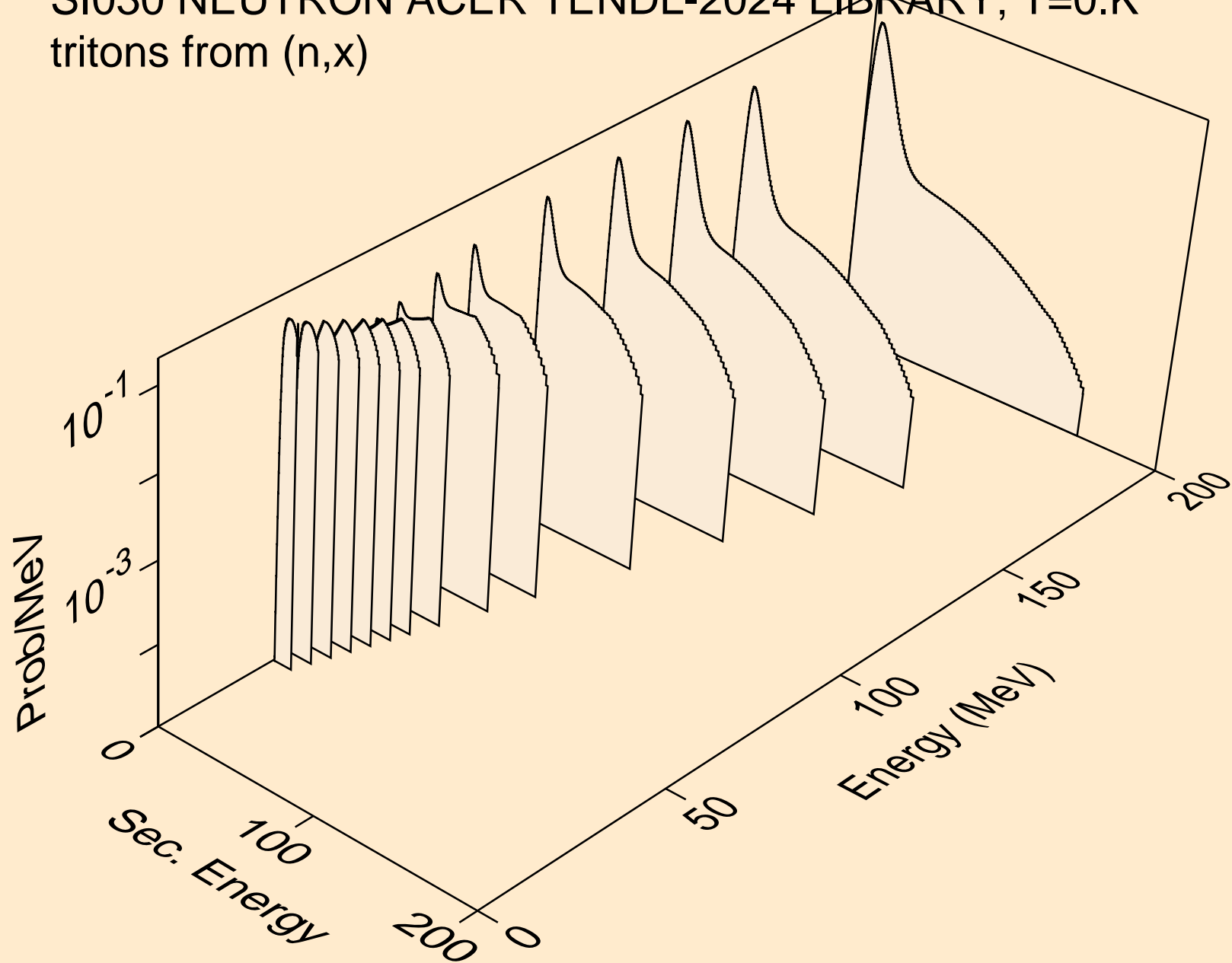
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



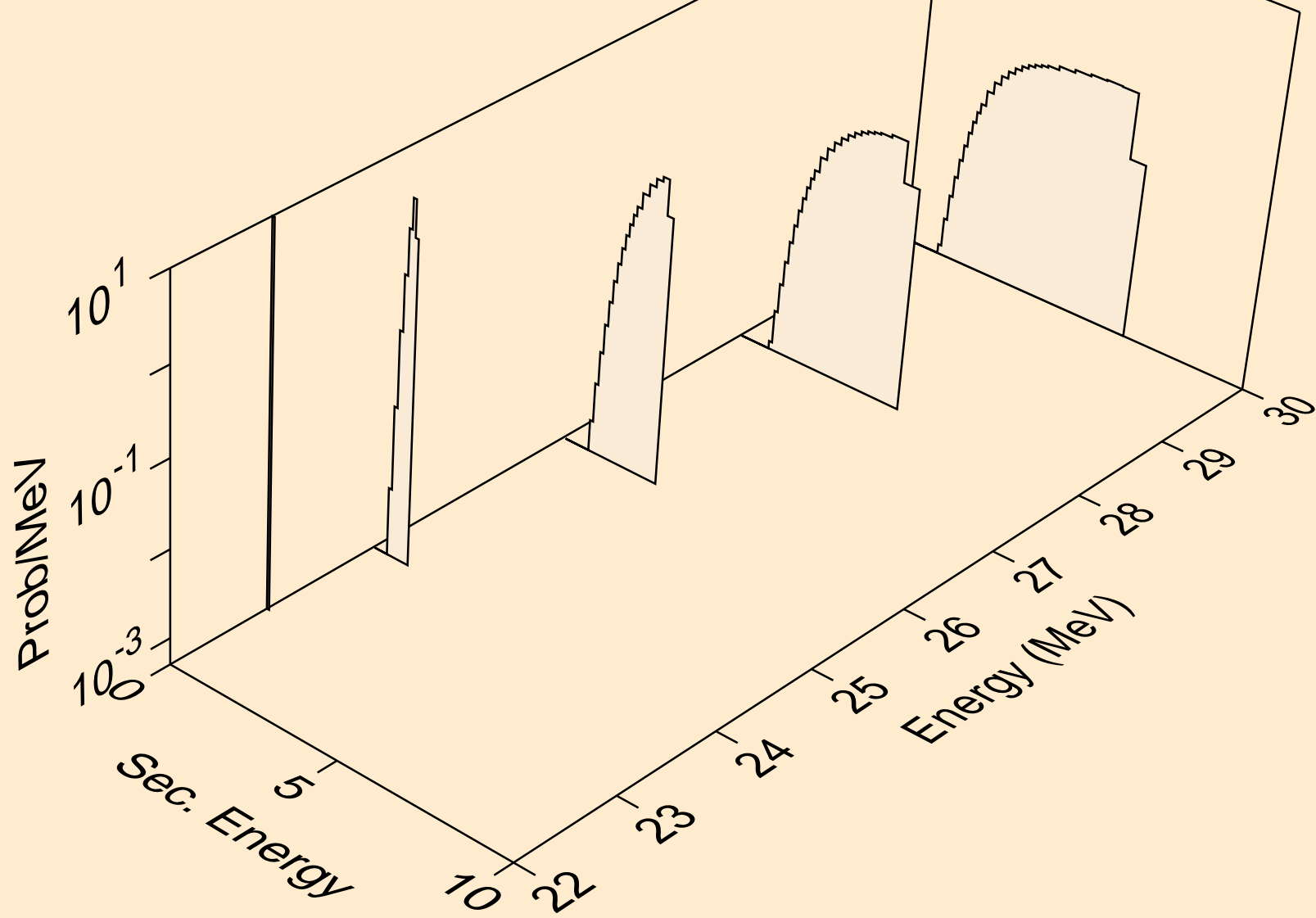
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



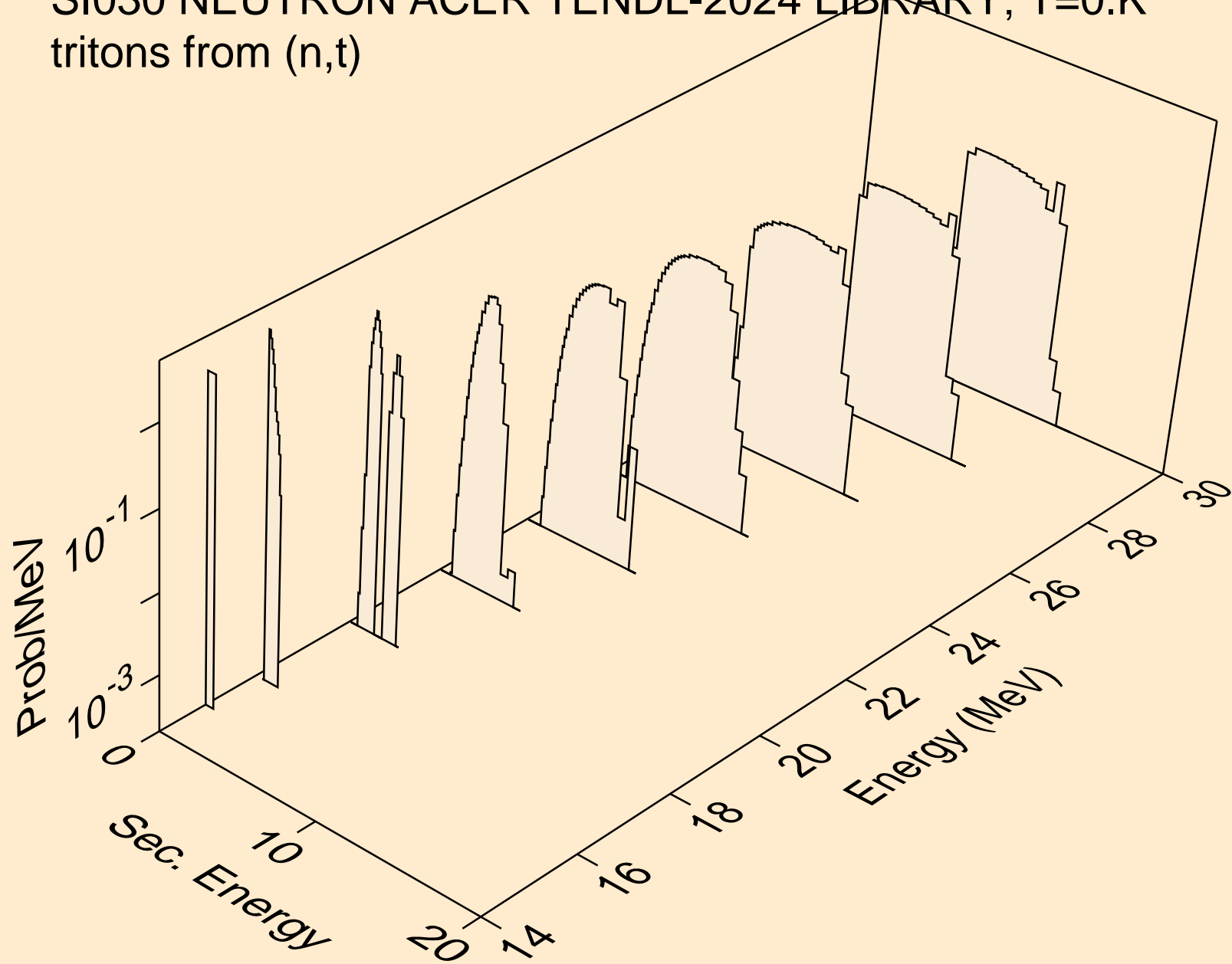
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



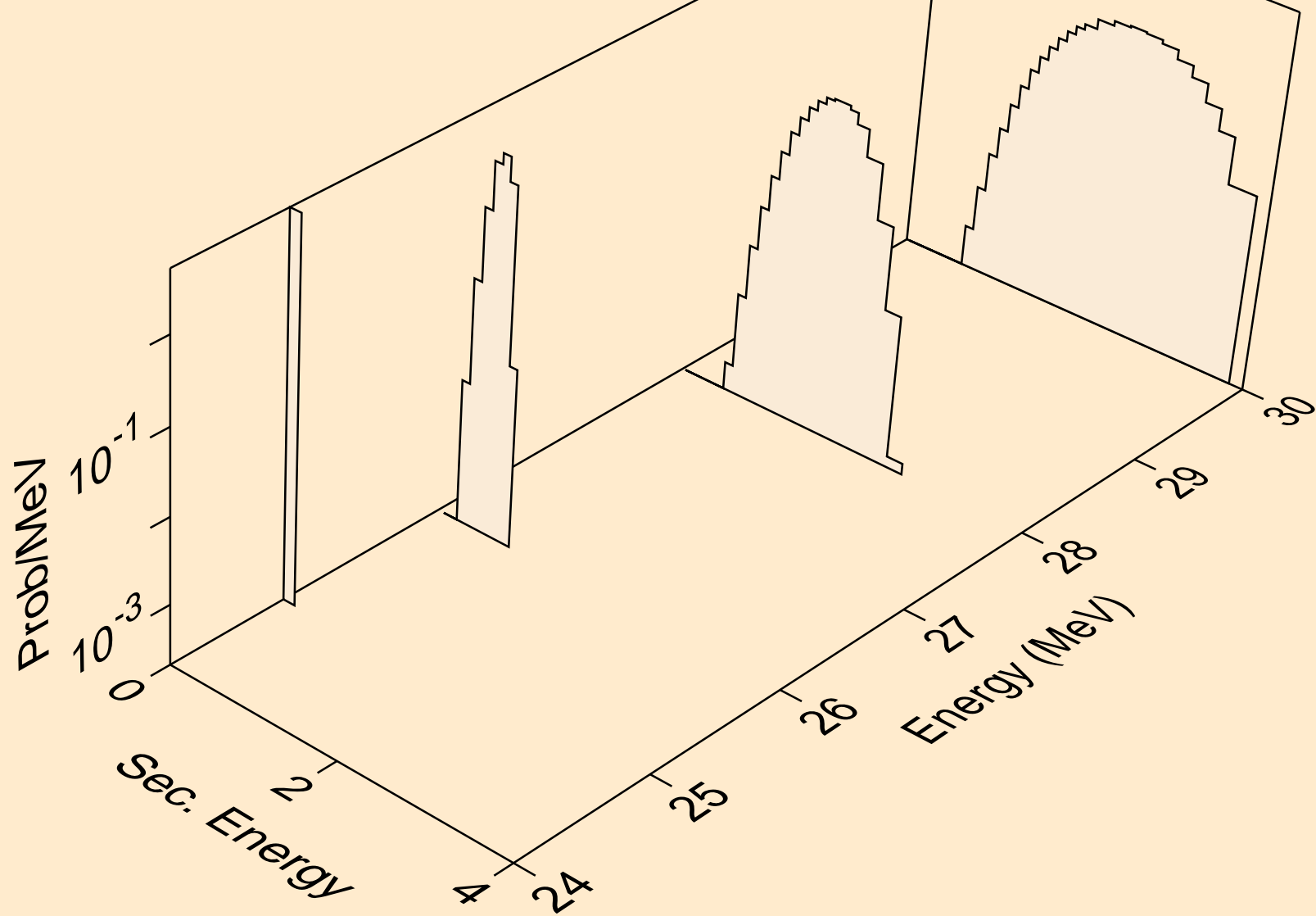
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



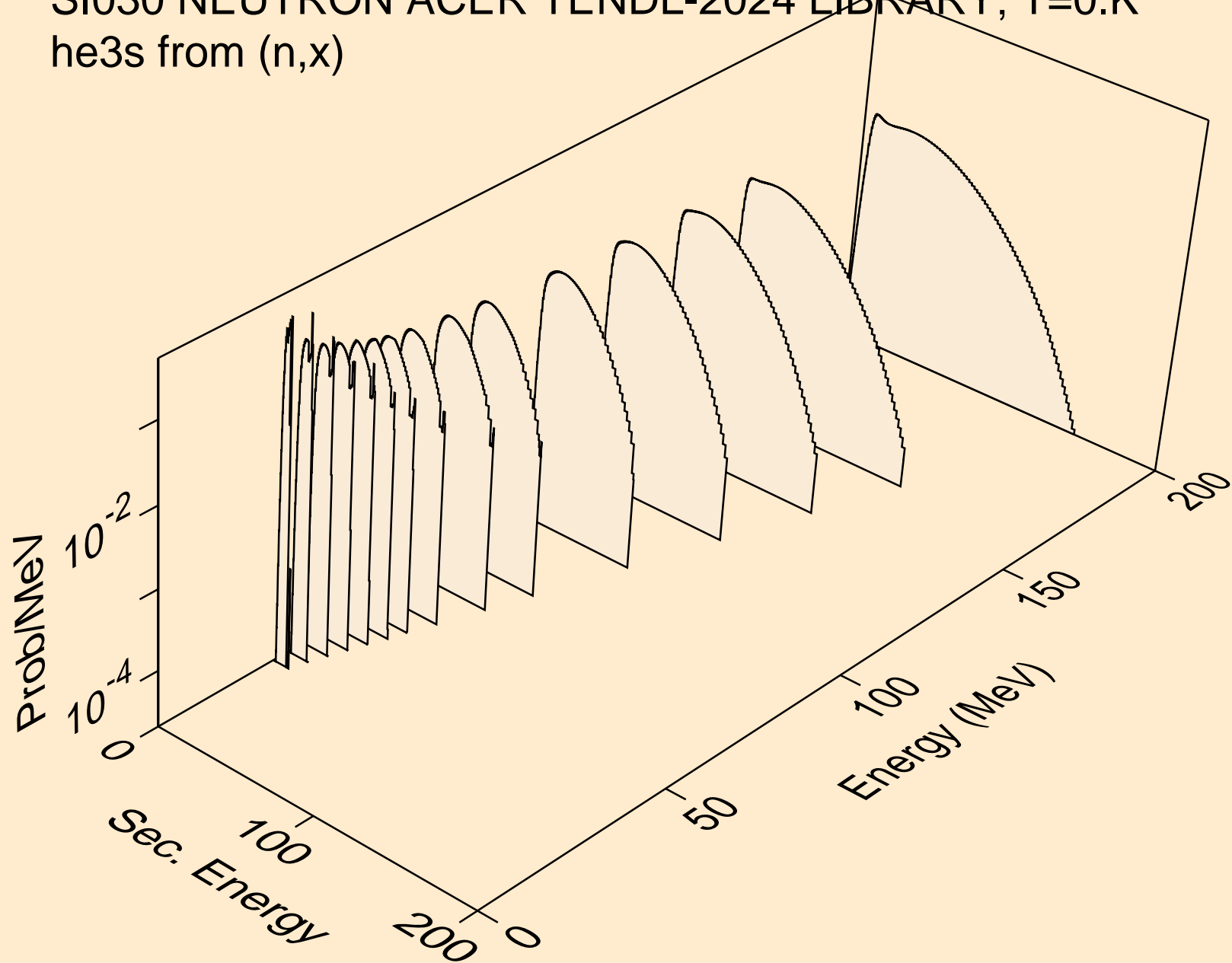
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



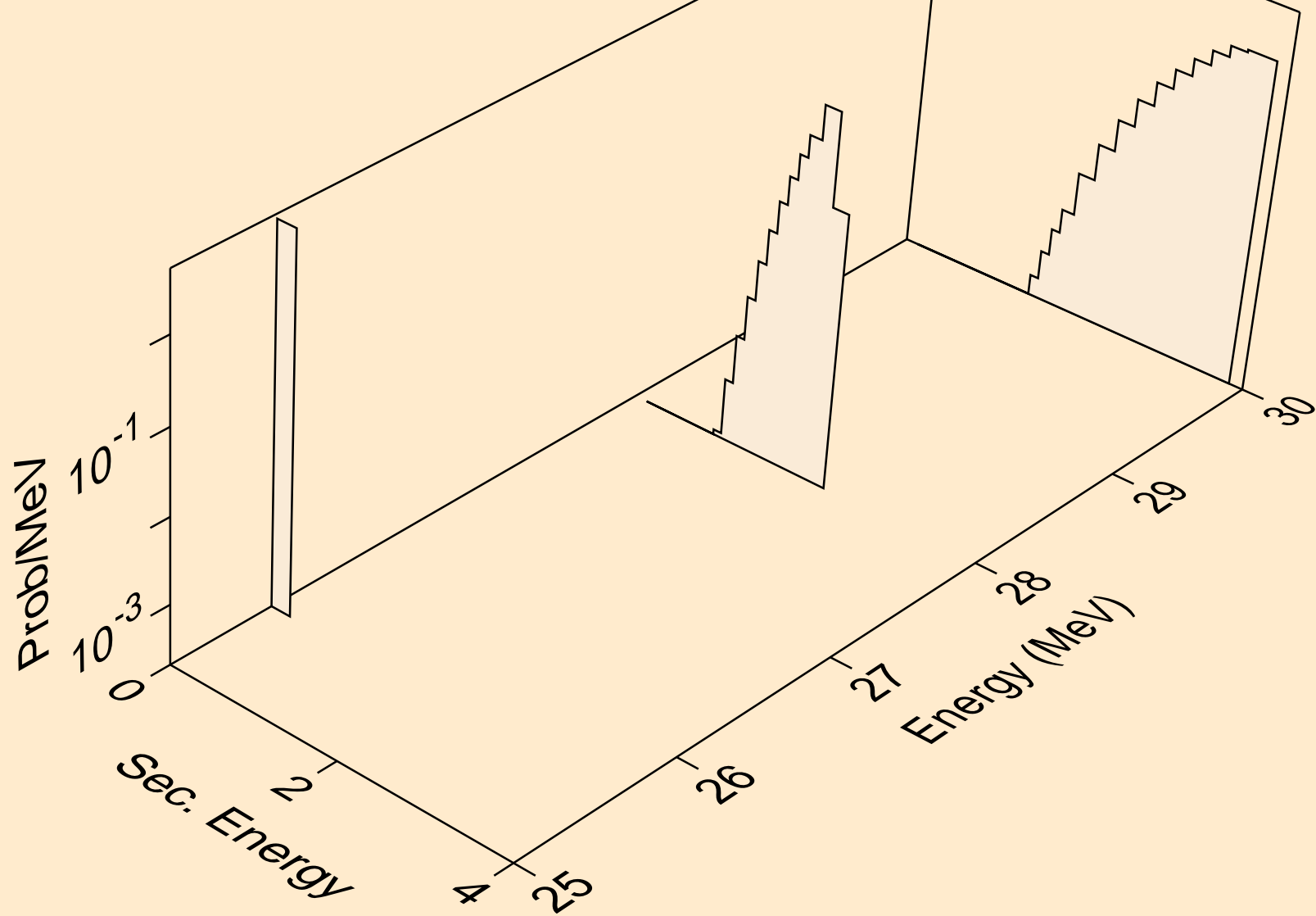
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



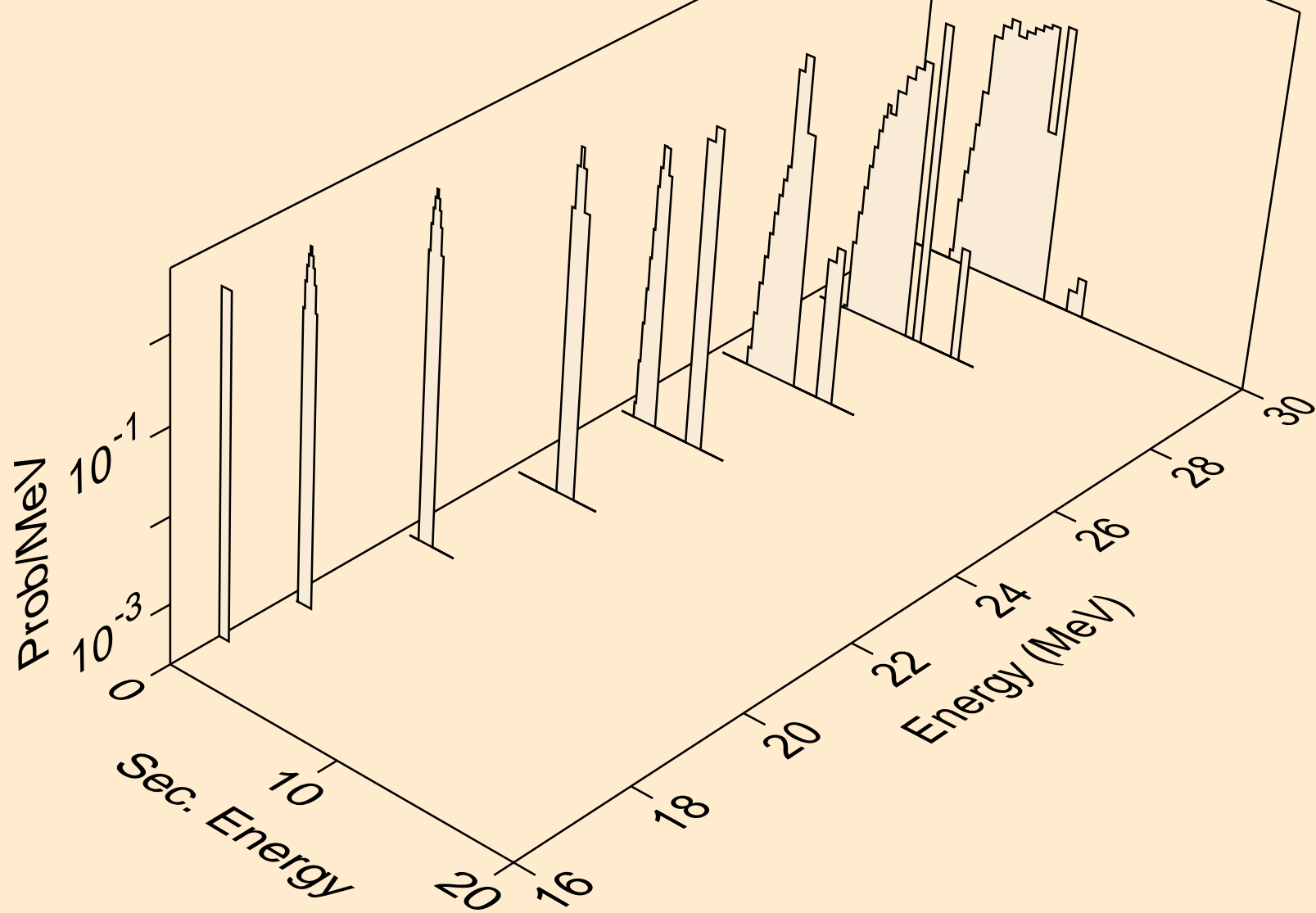
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



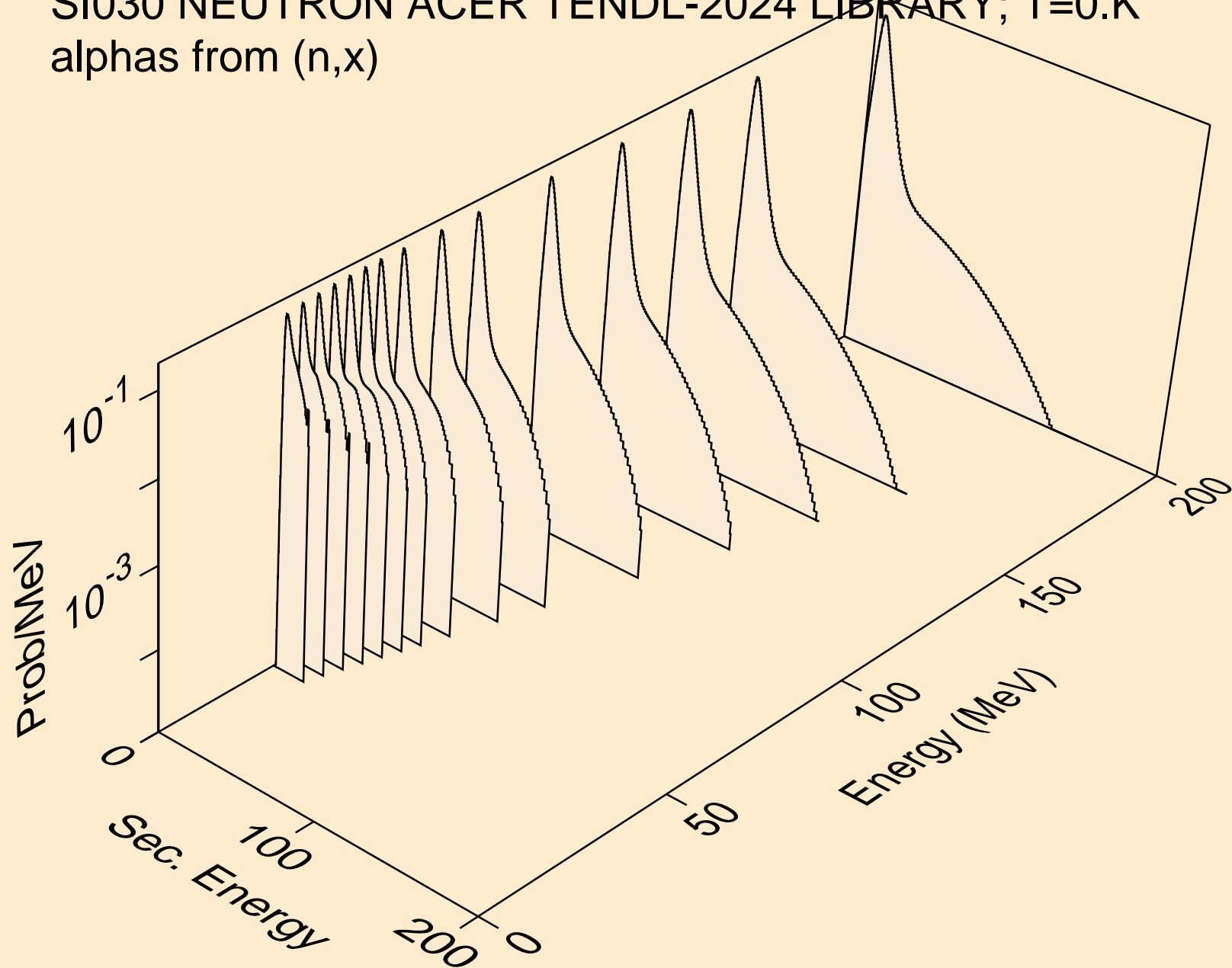
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



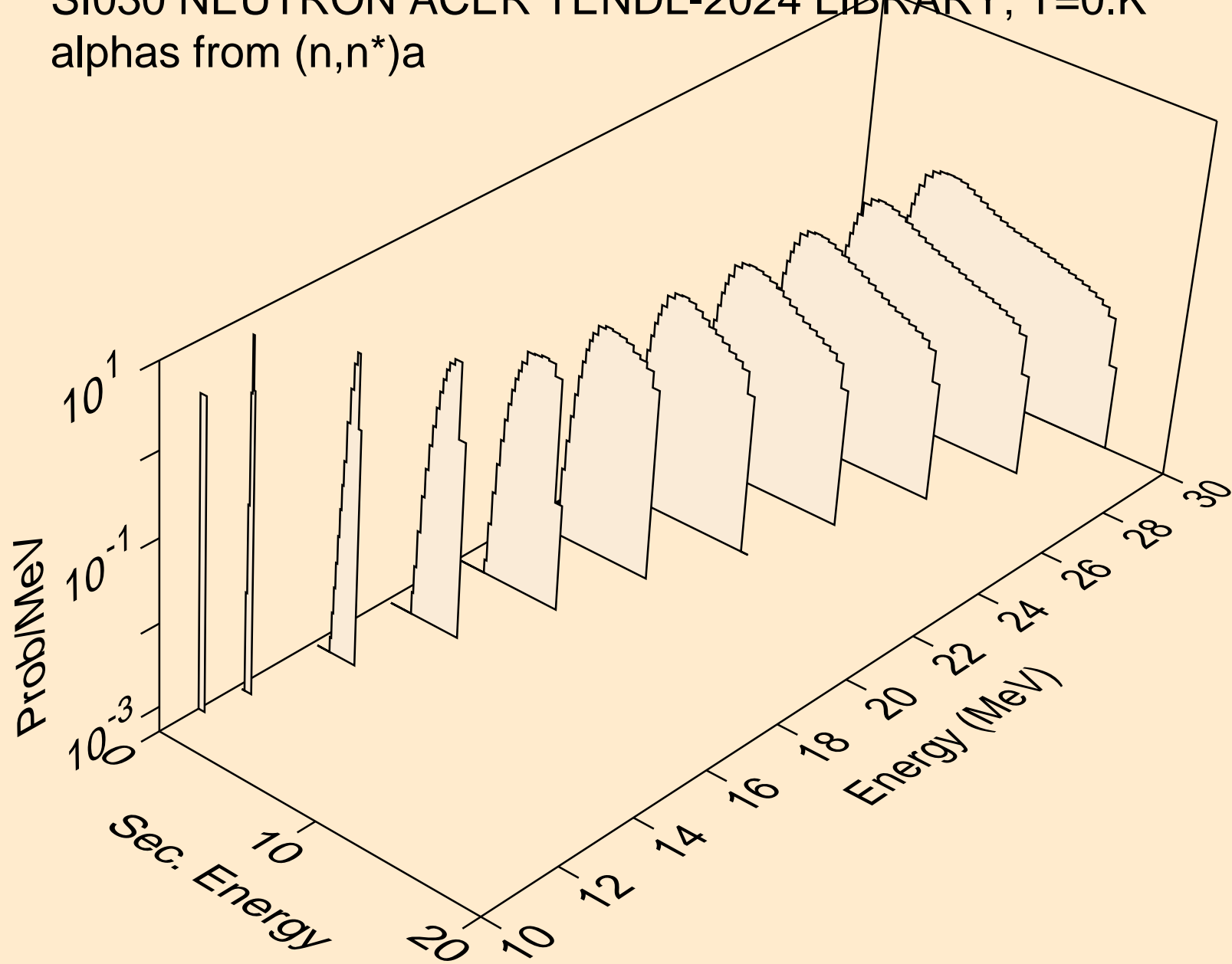
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



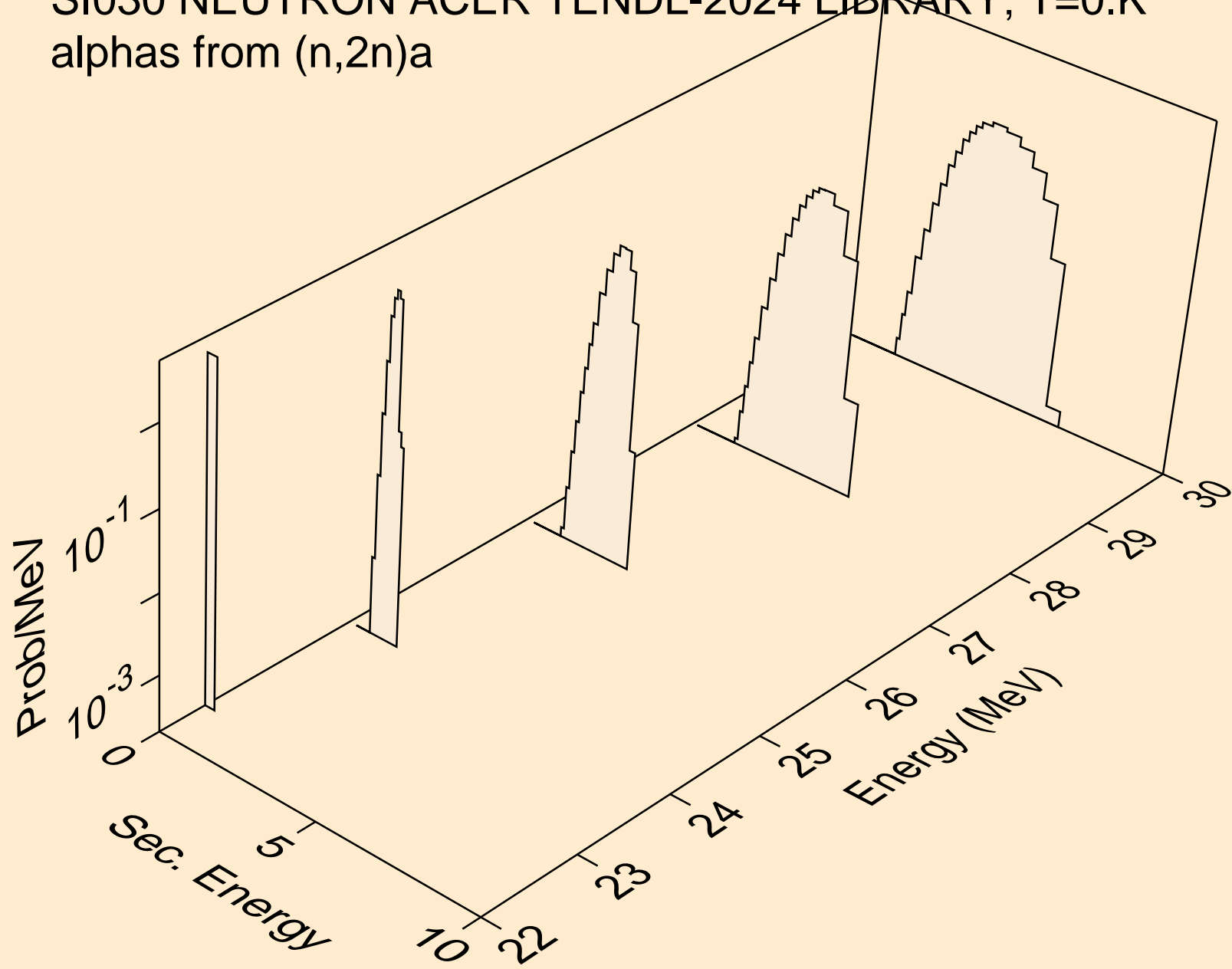
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



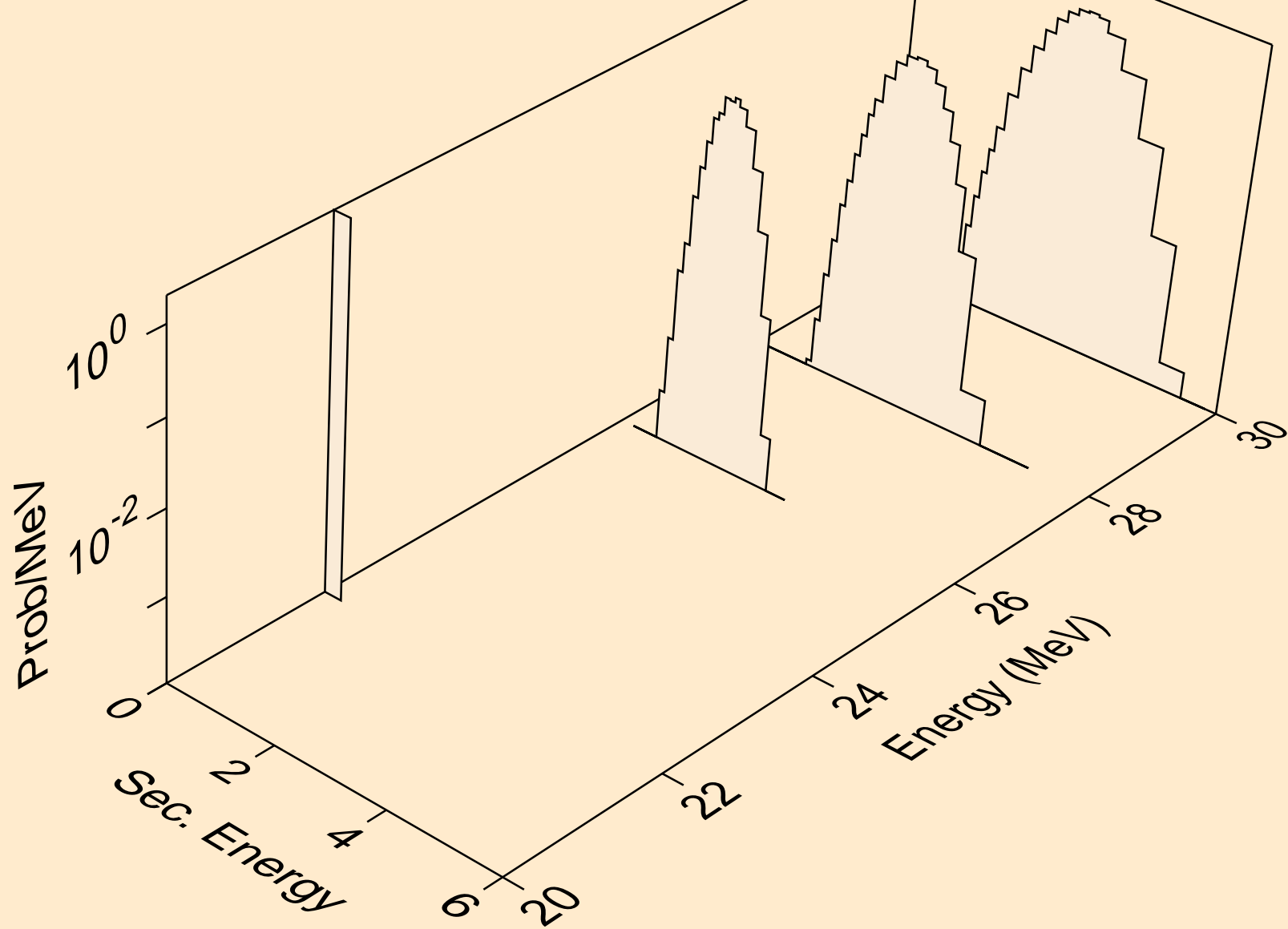
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



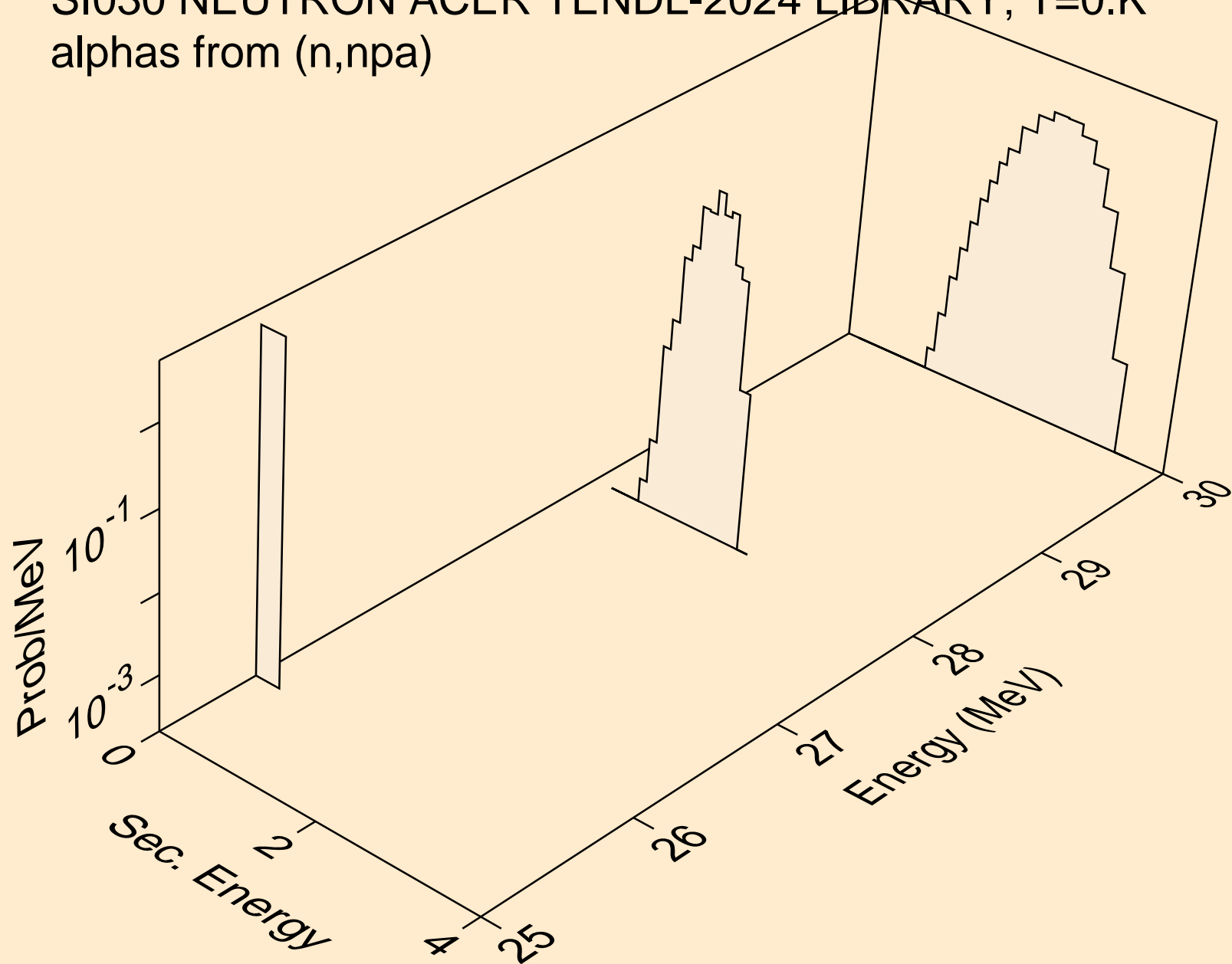
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



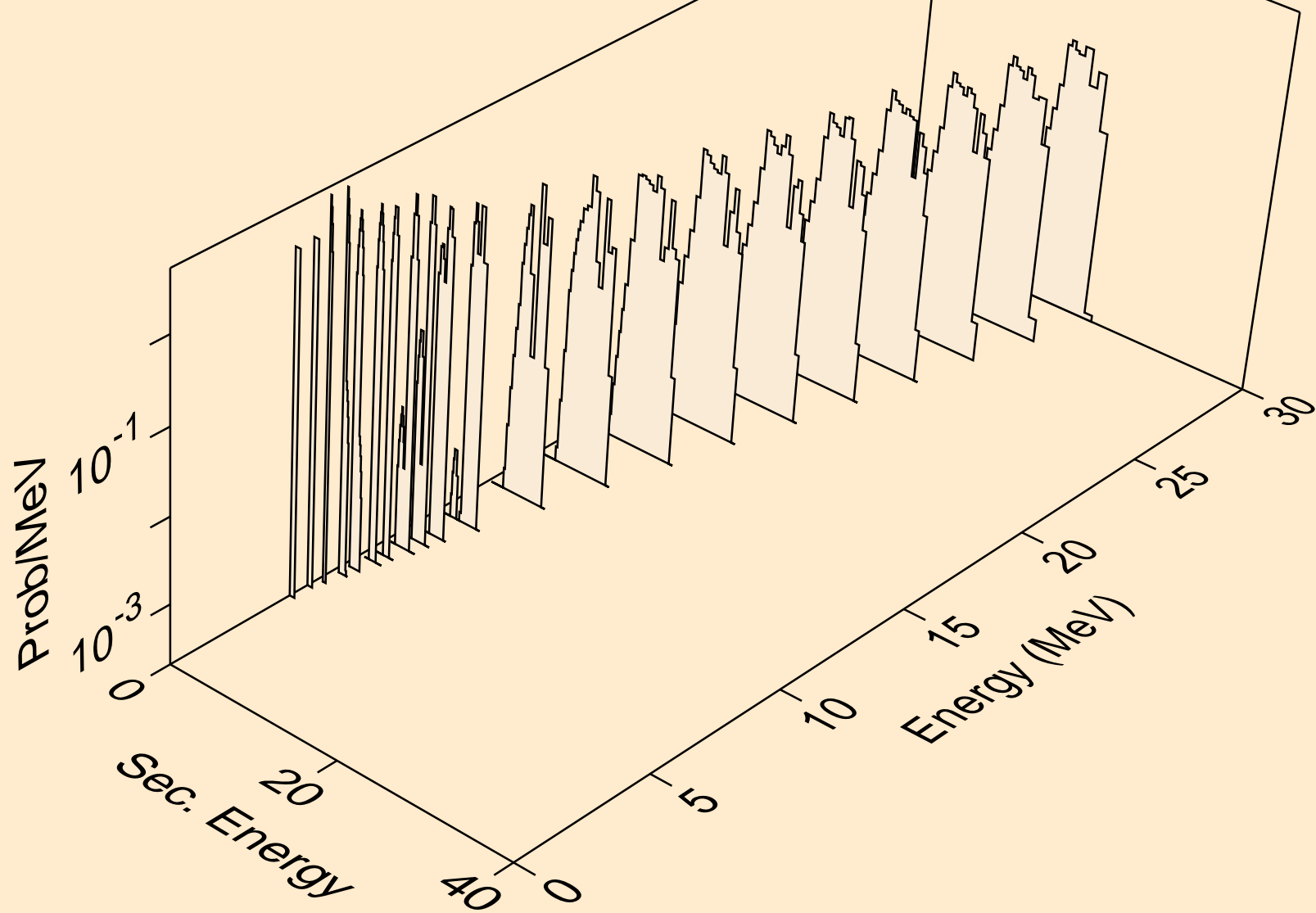
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



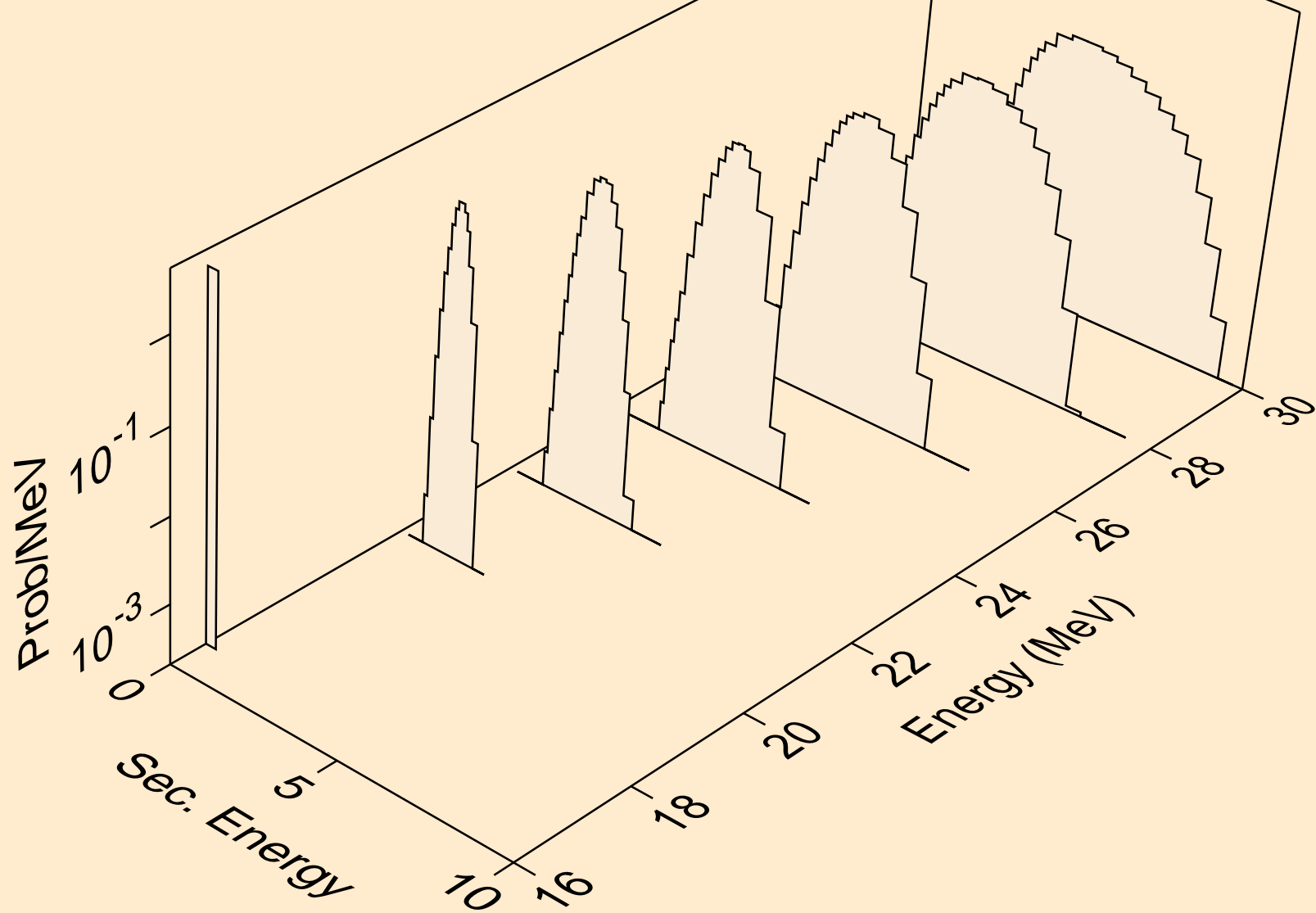
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



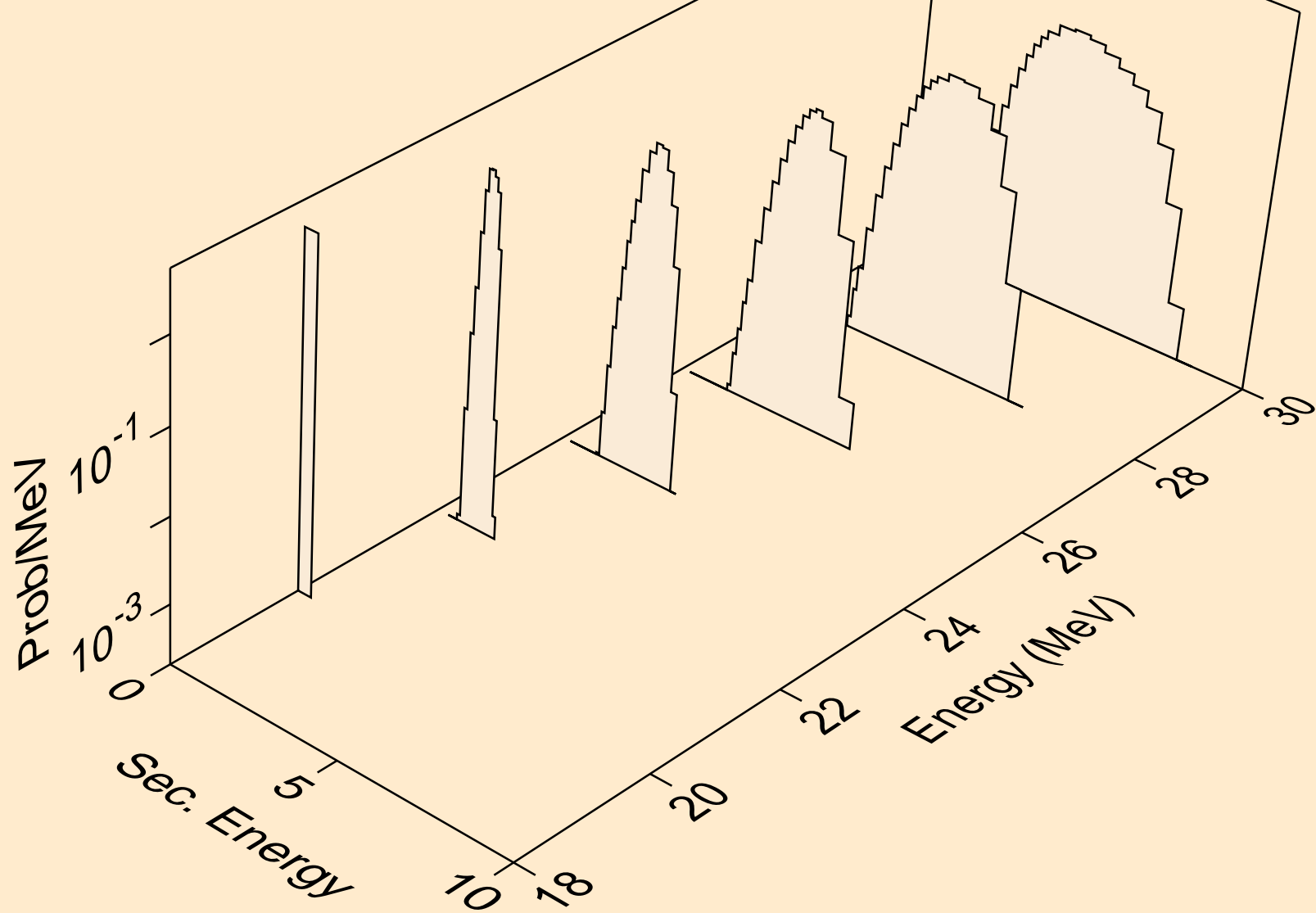
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

