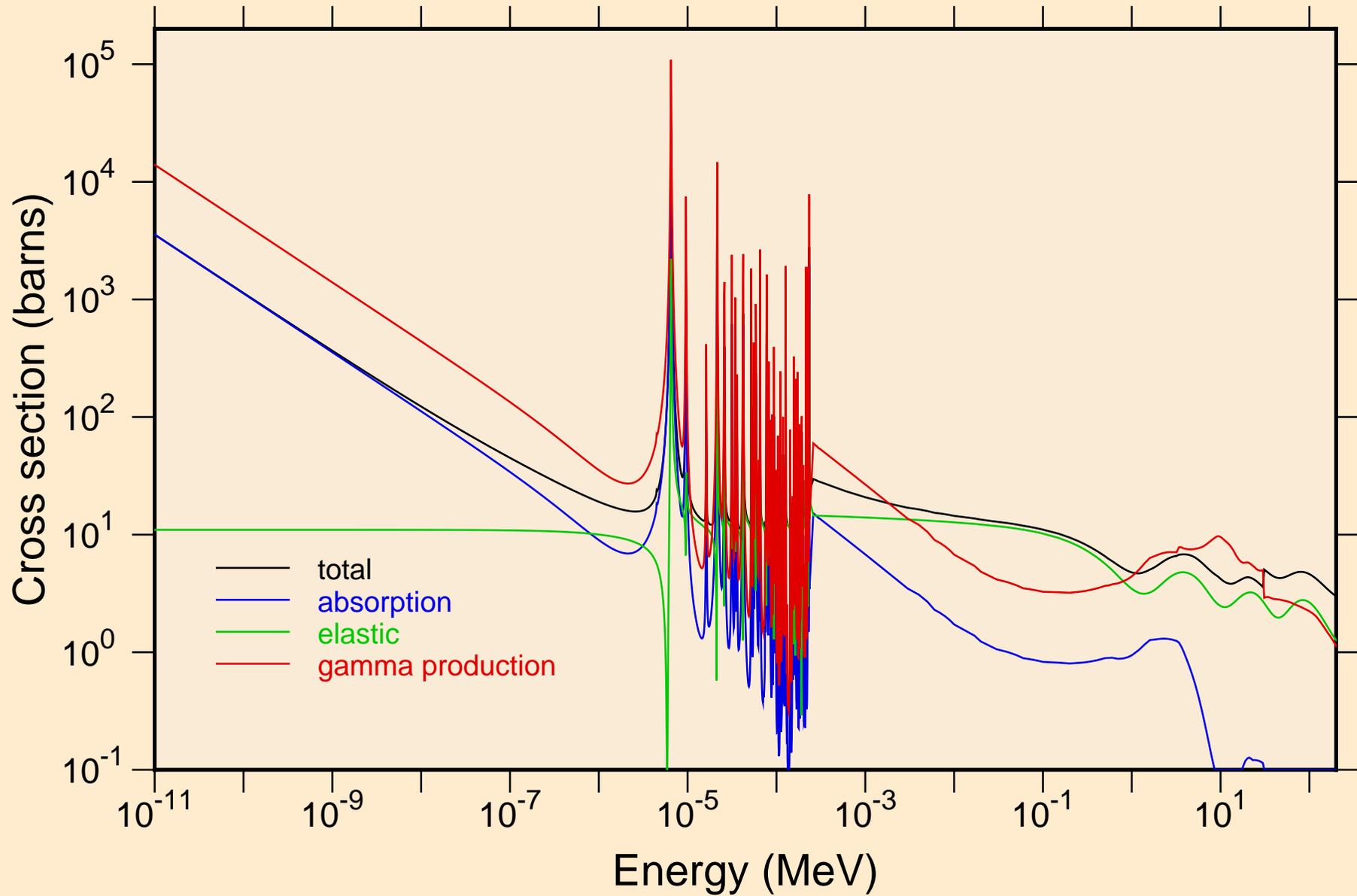
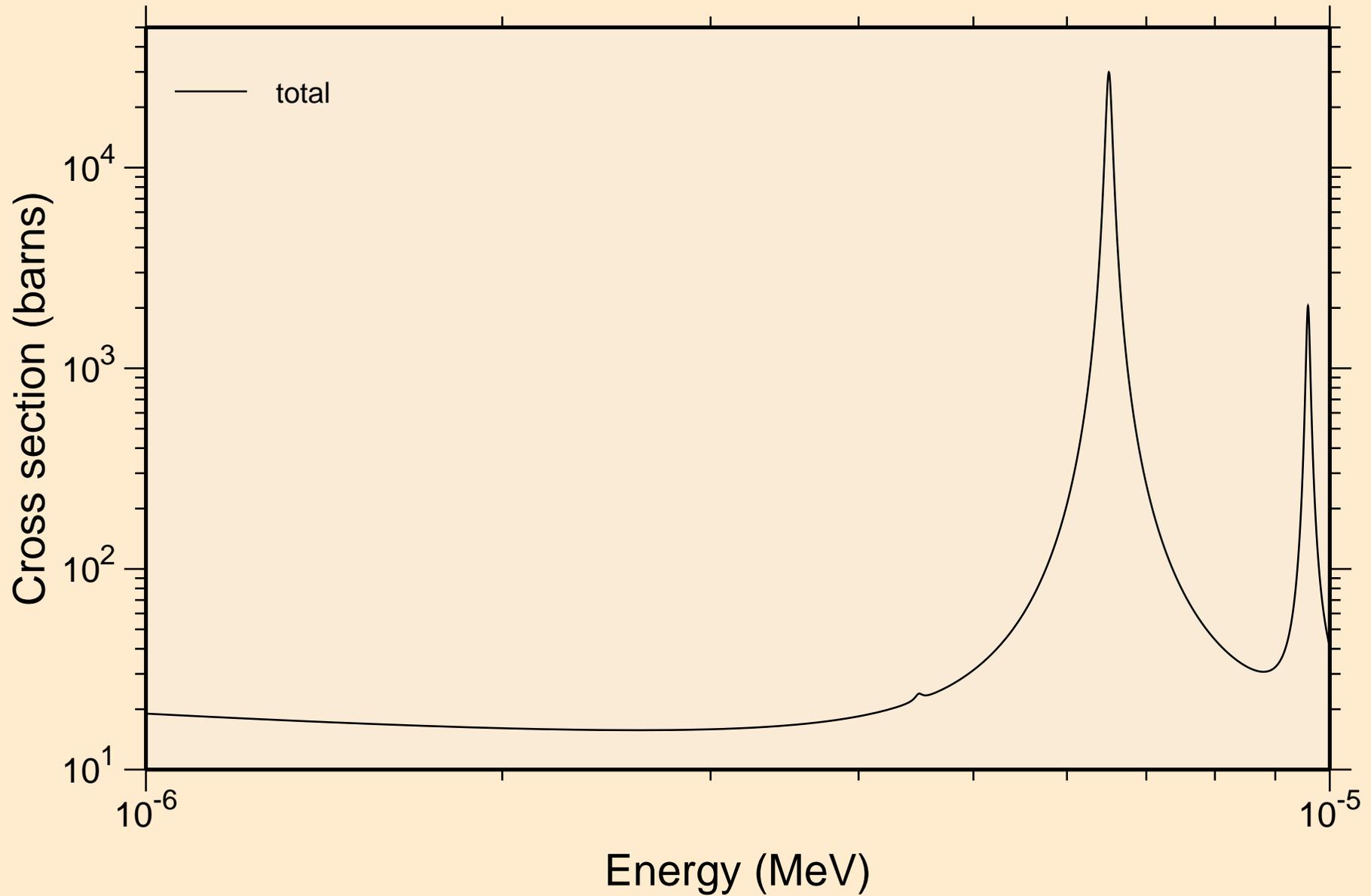


# RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

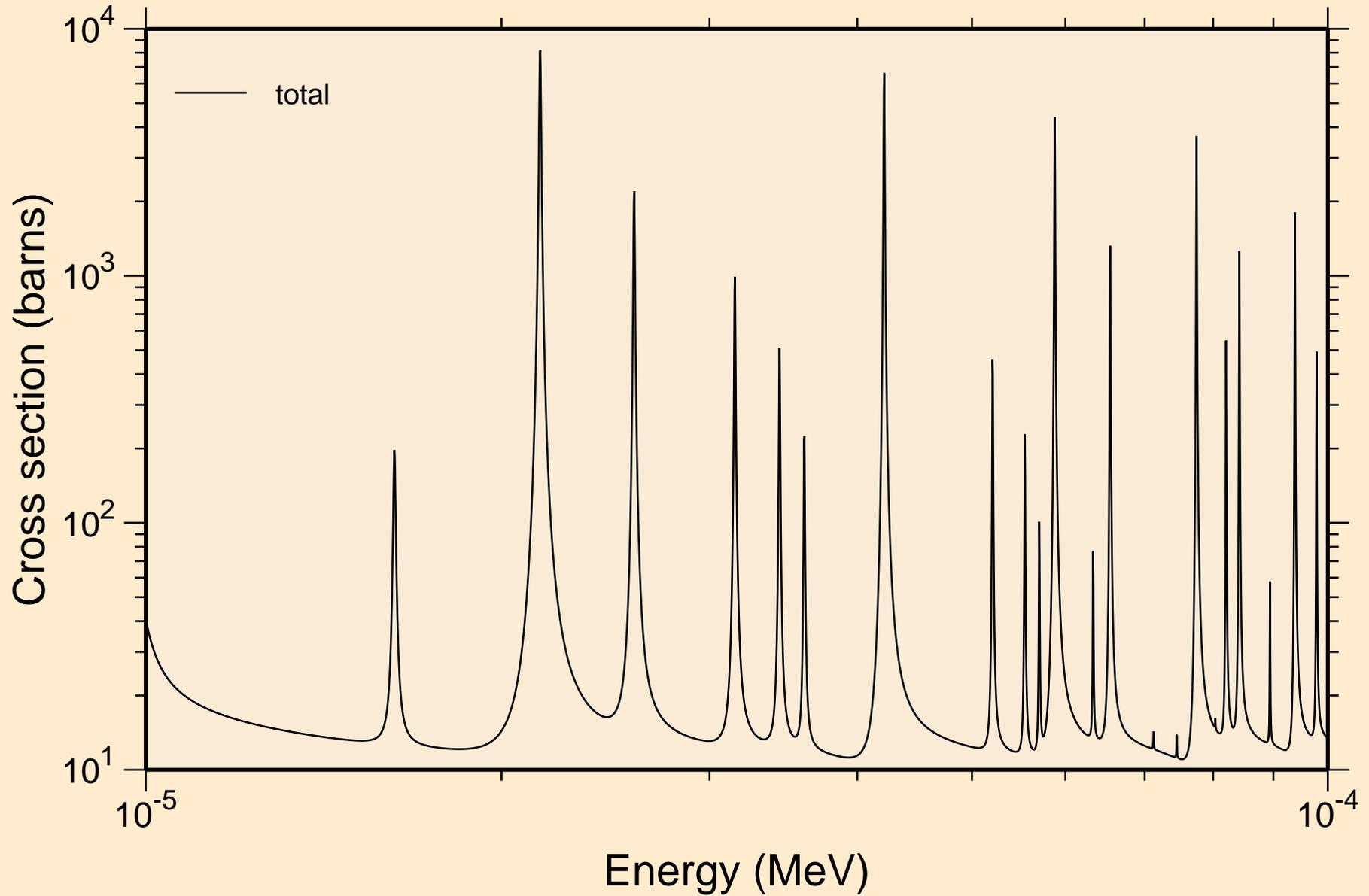
## Principal cross sections



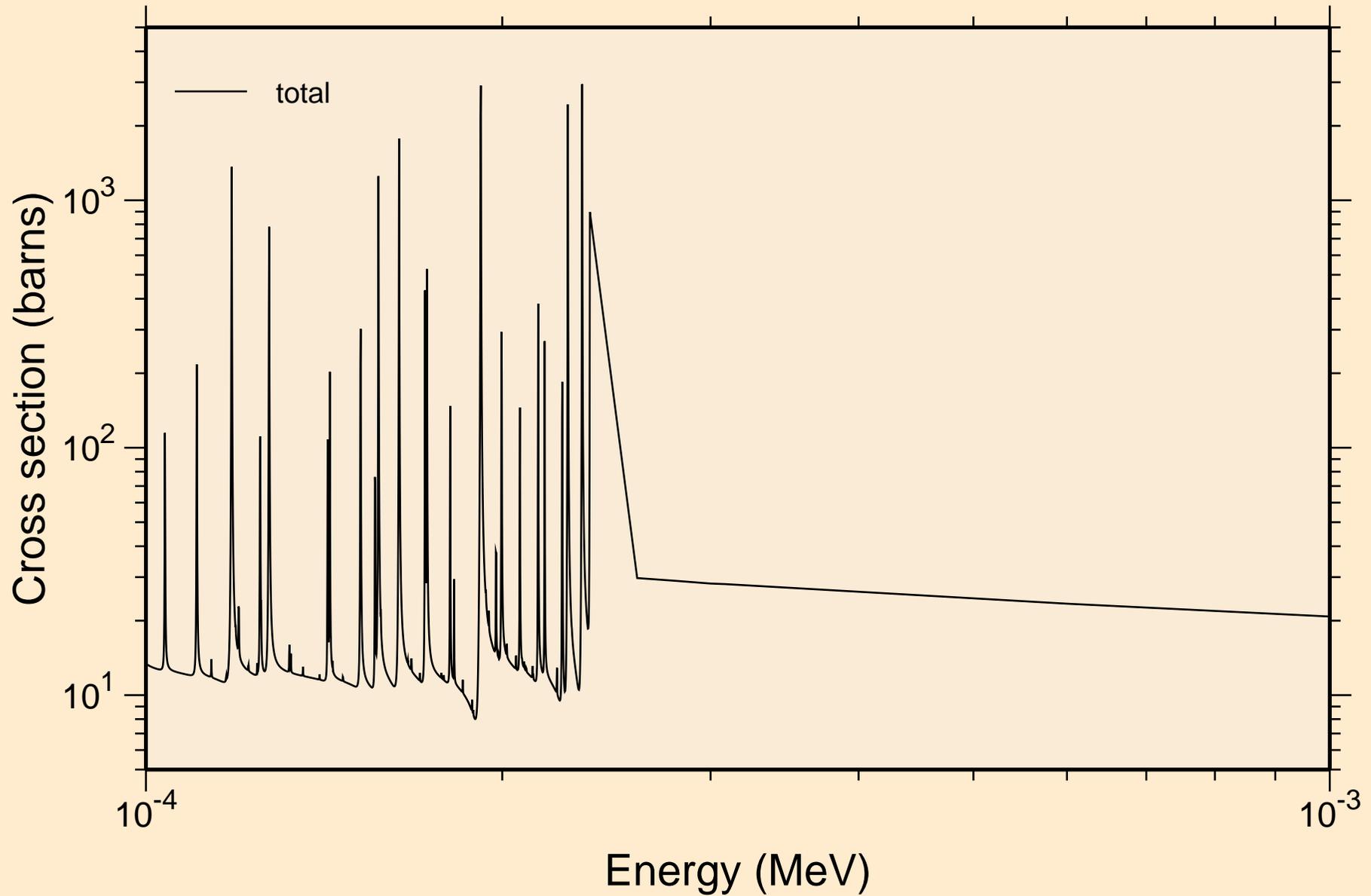
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



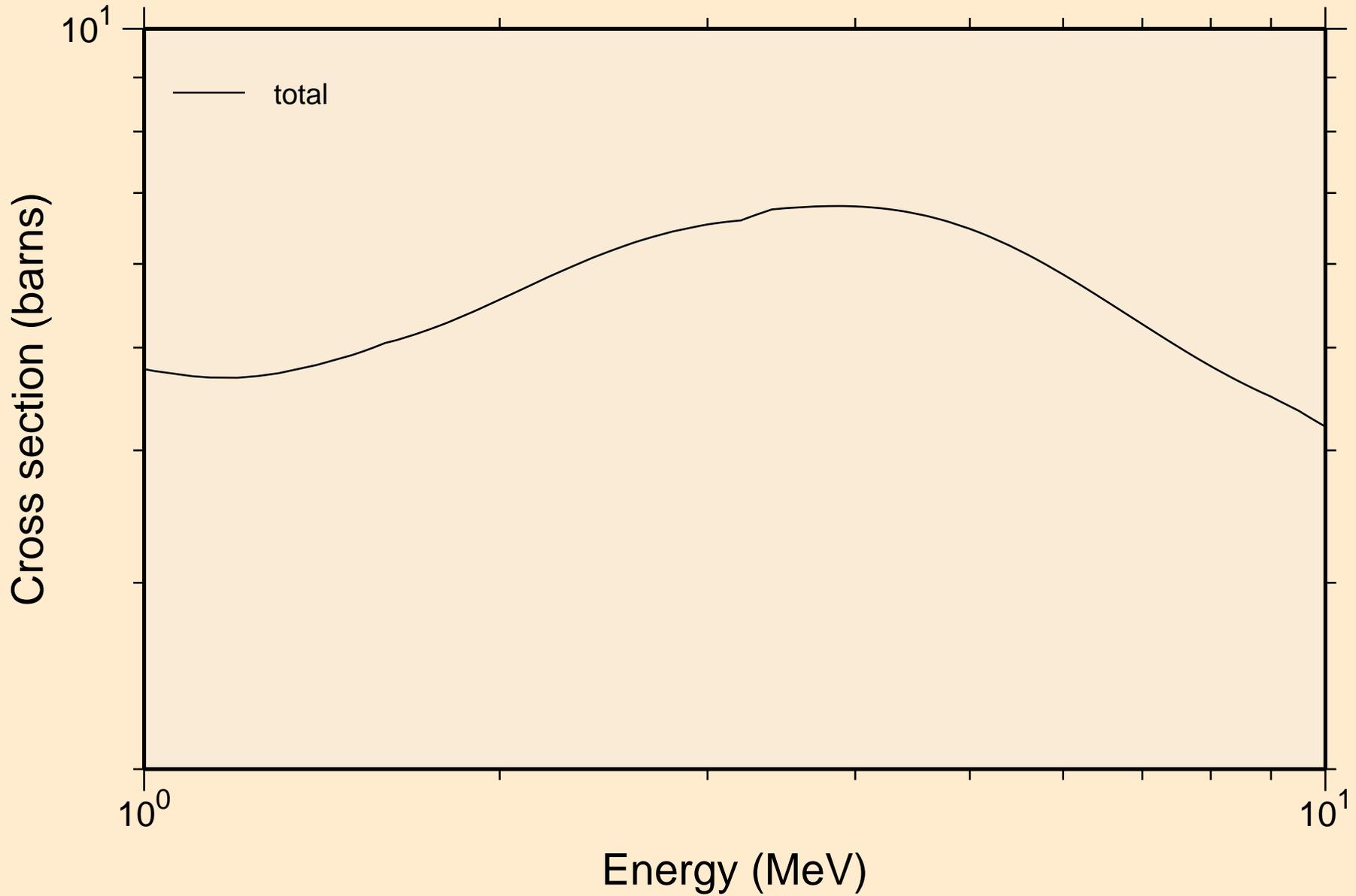
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



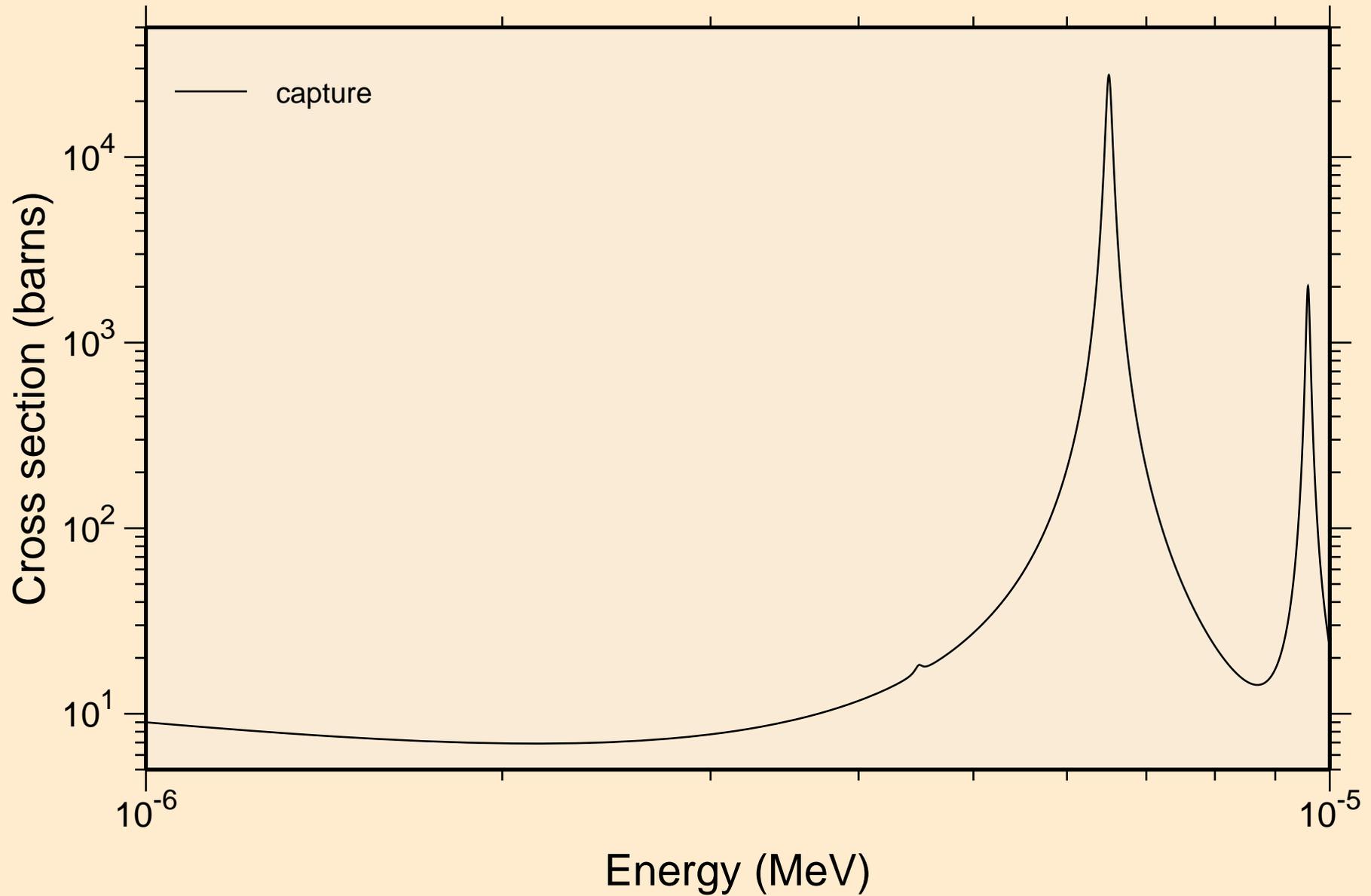
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



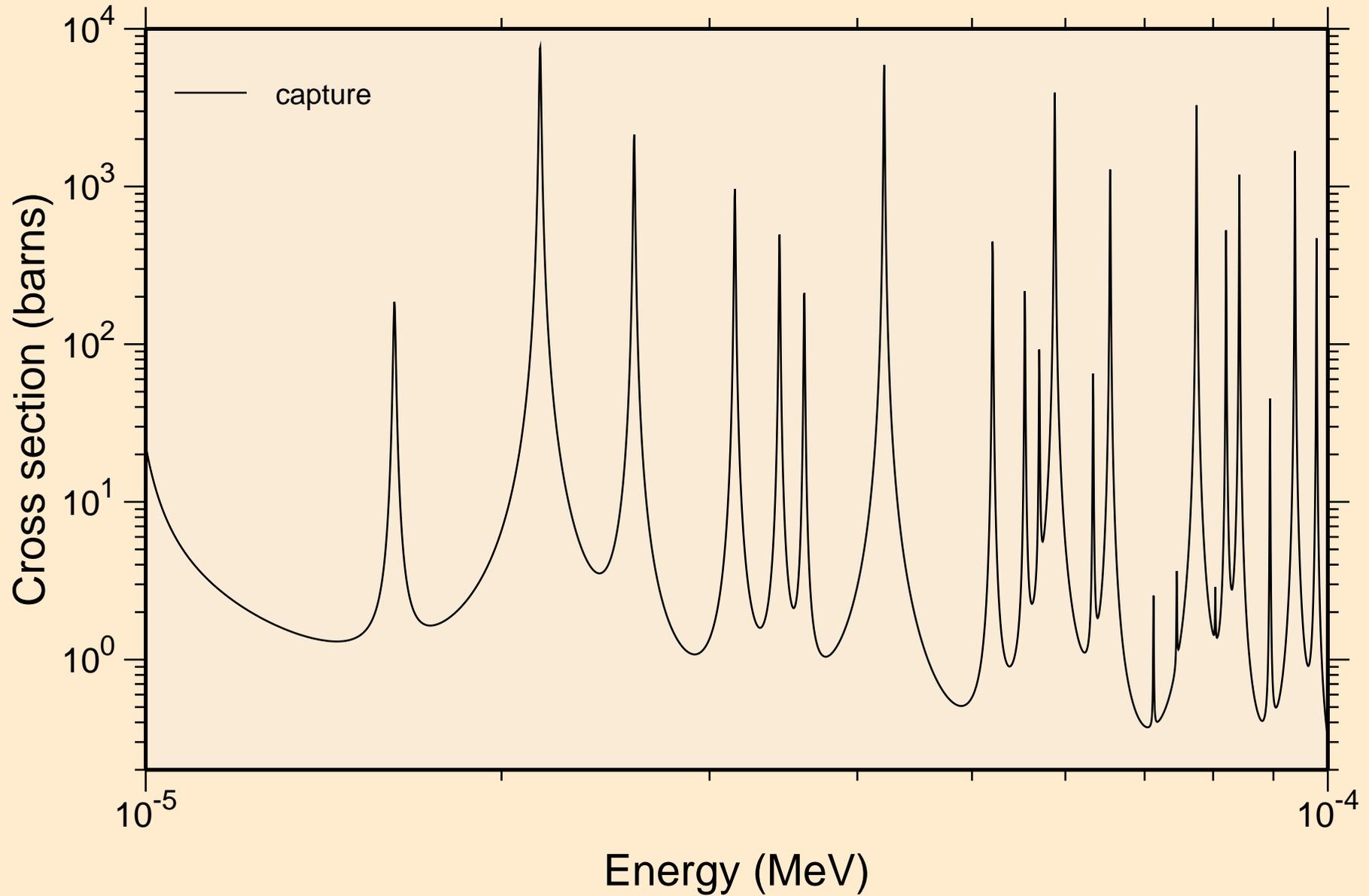
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



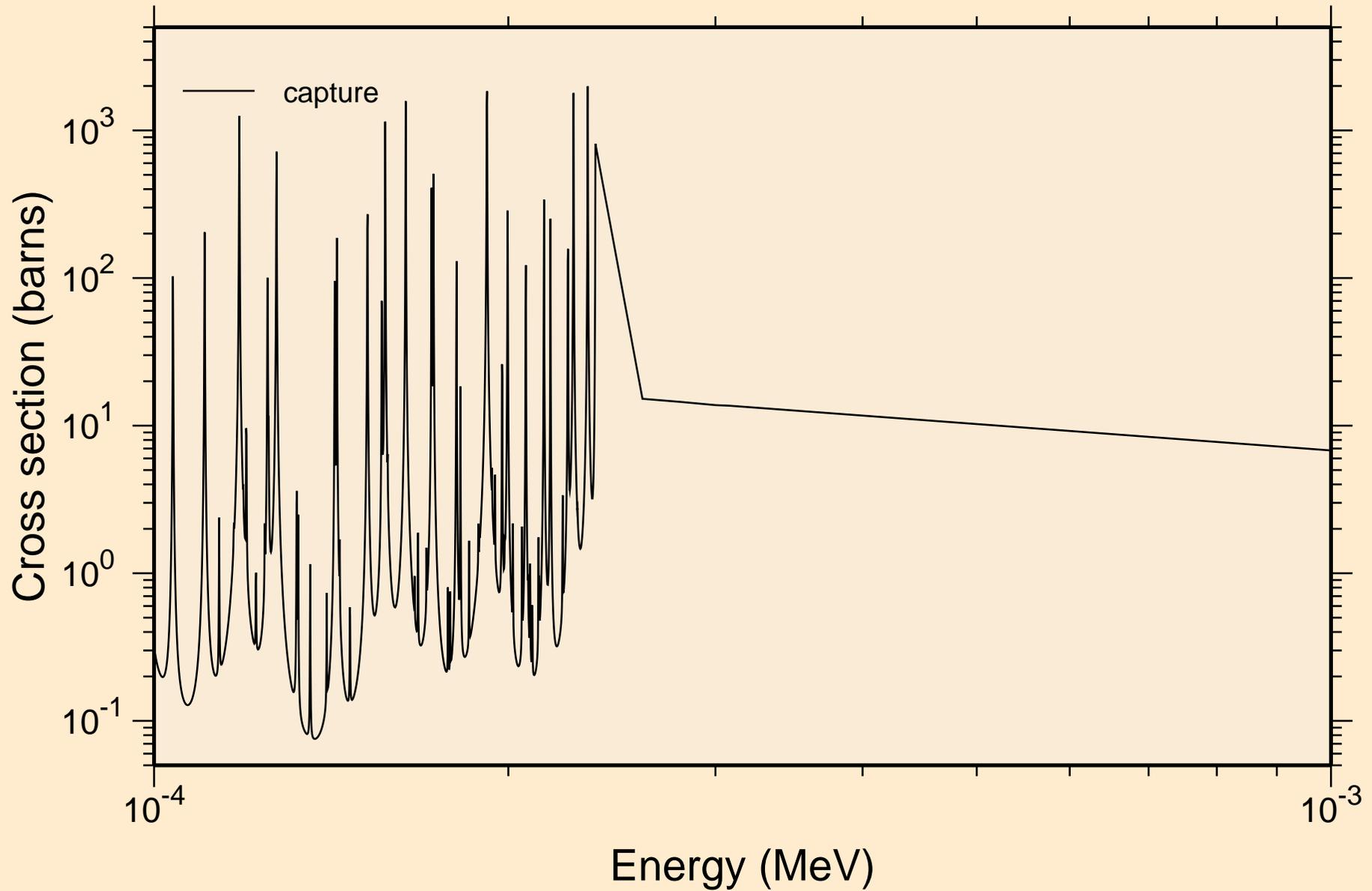
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



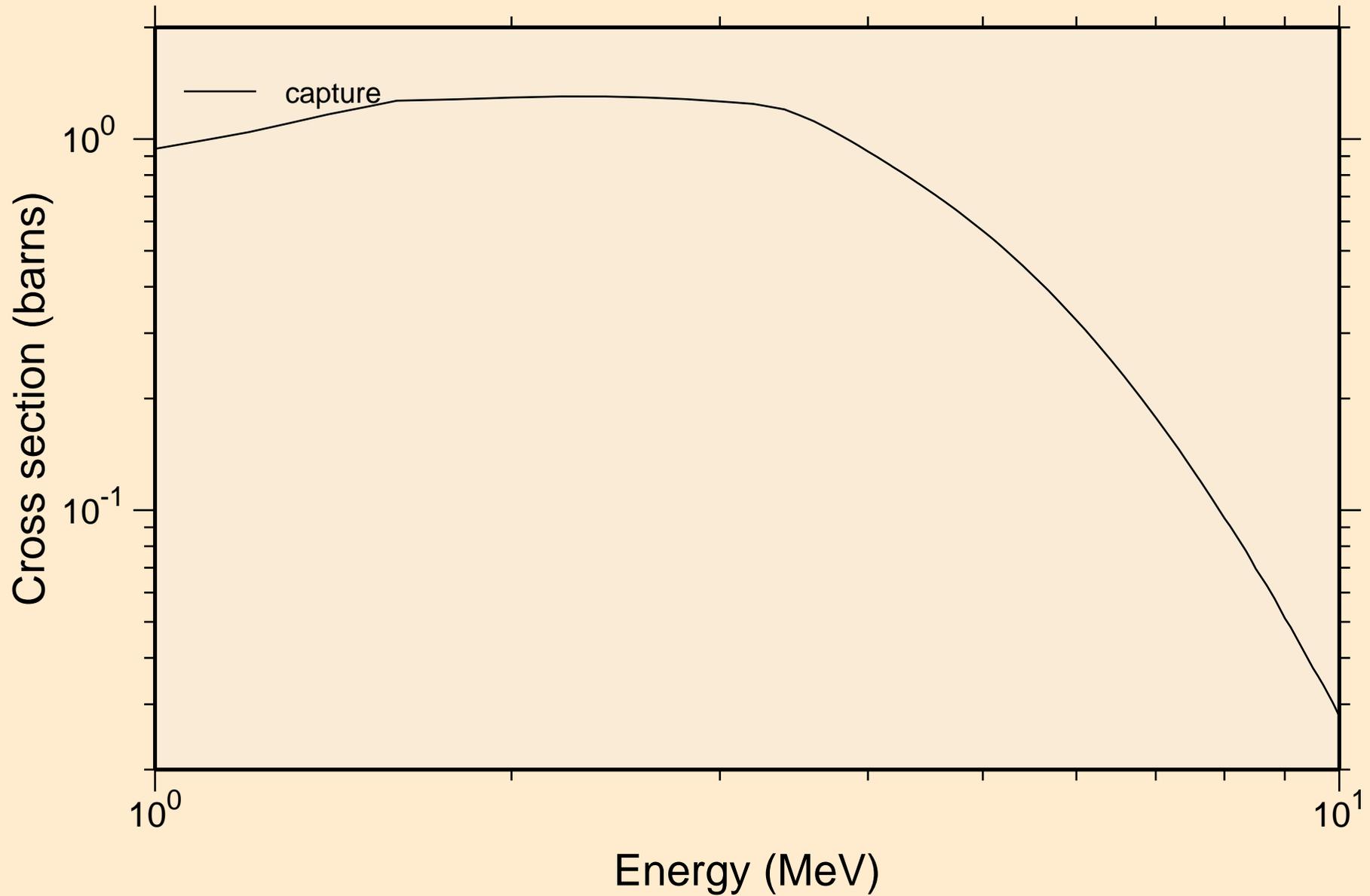
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



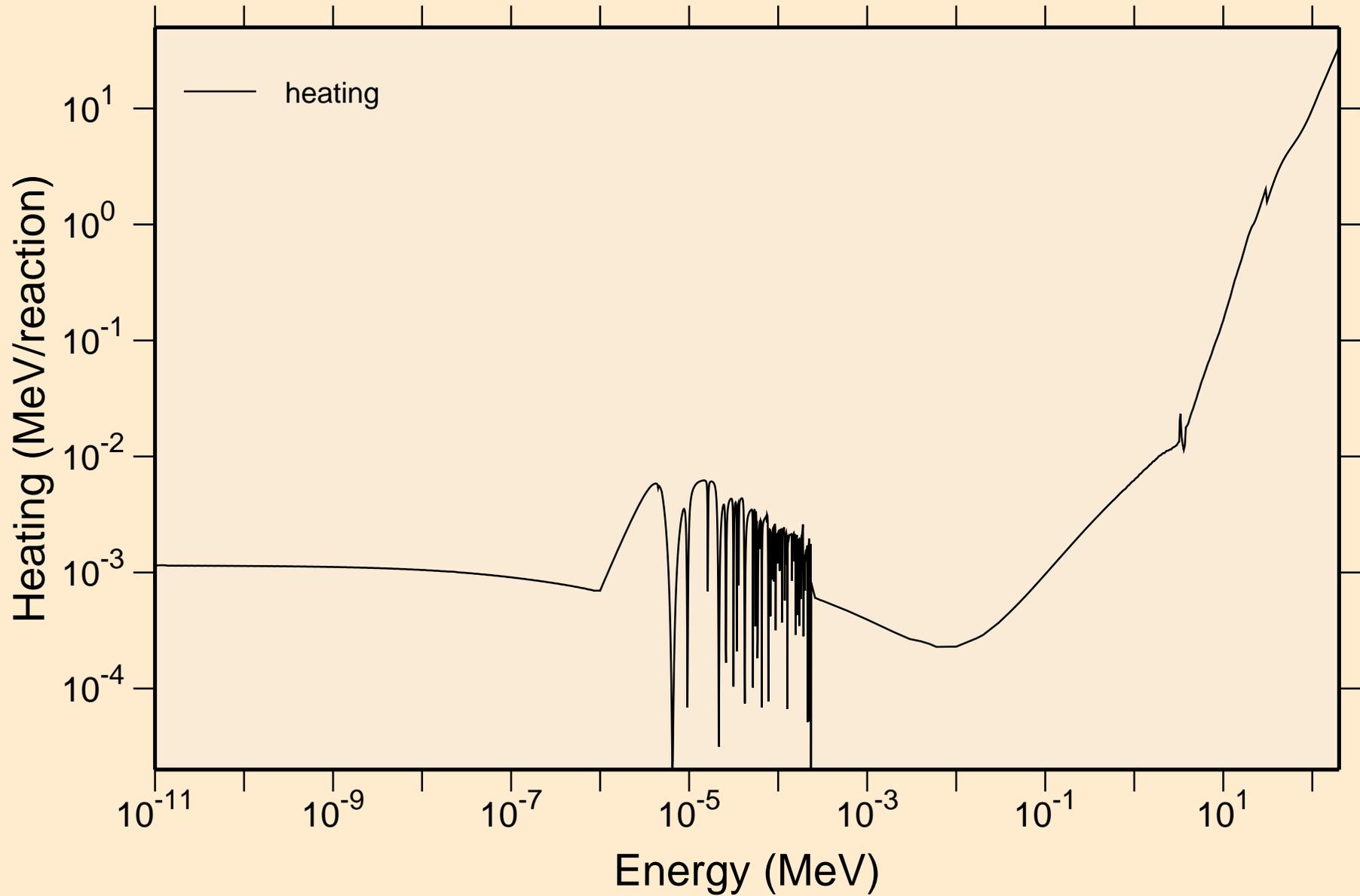
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



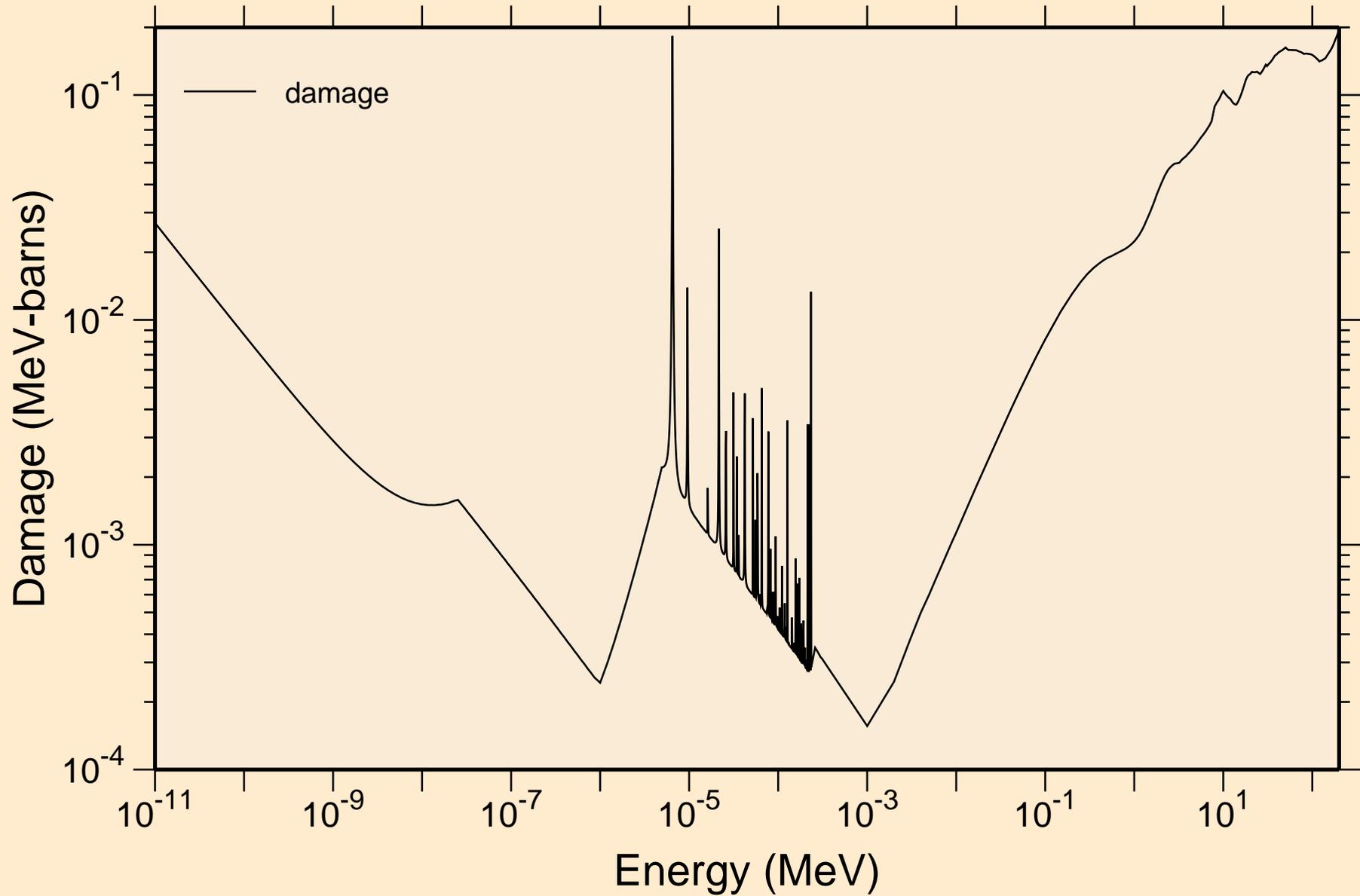
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

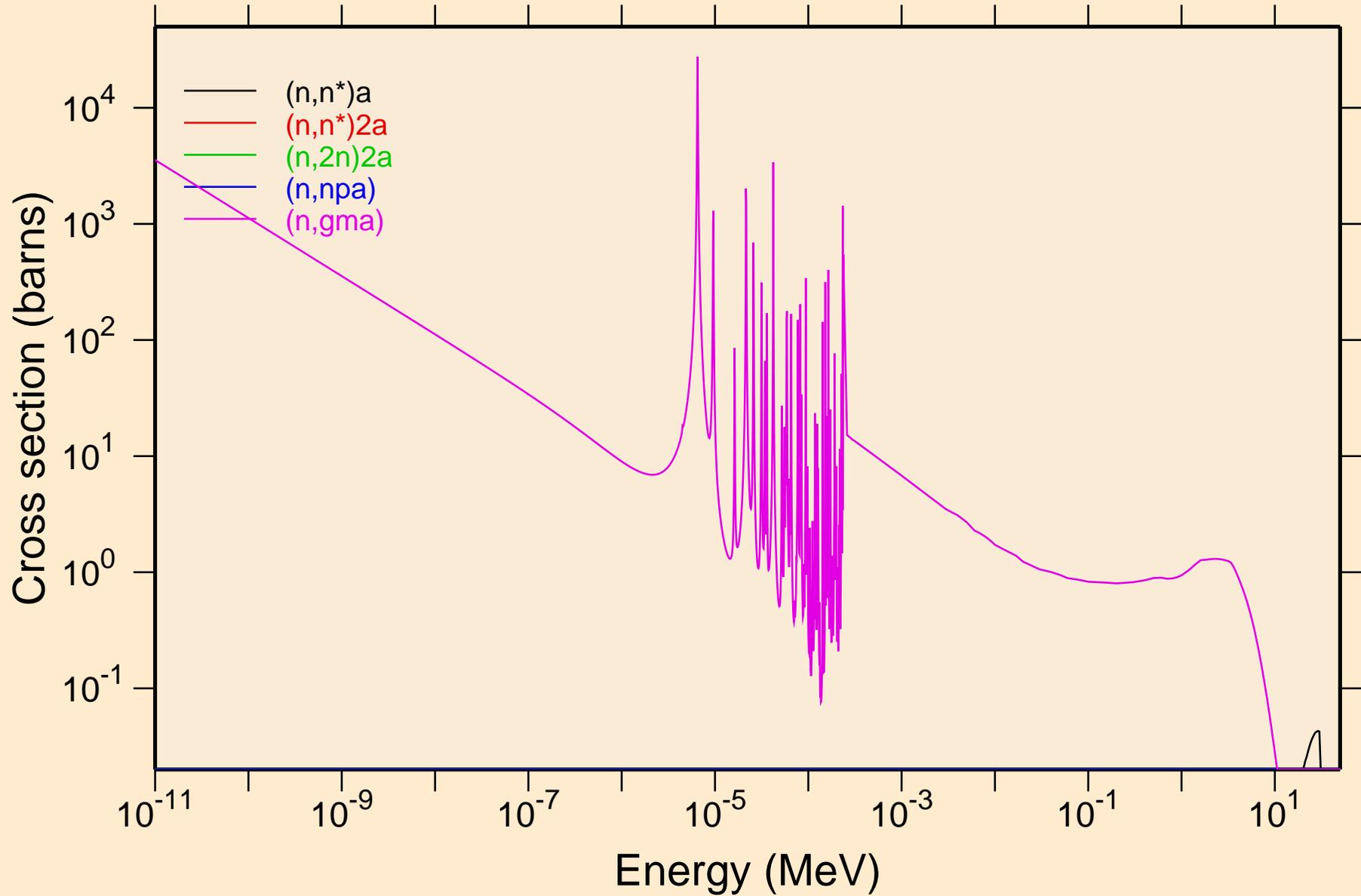


RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

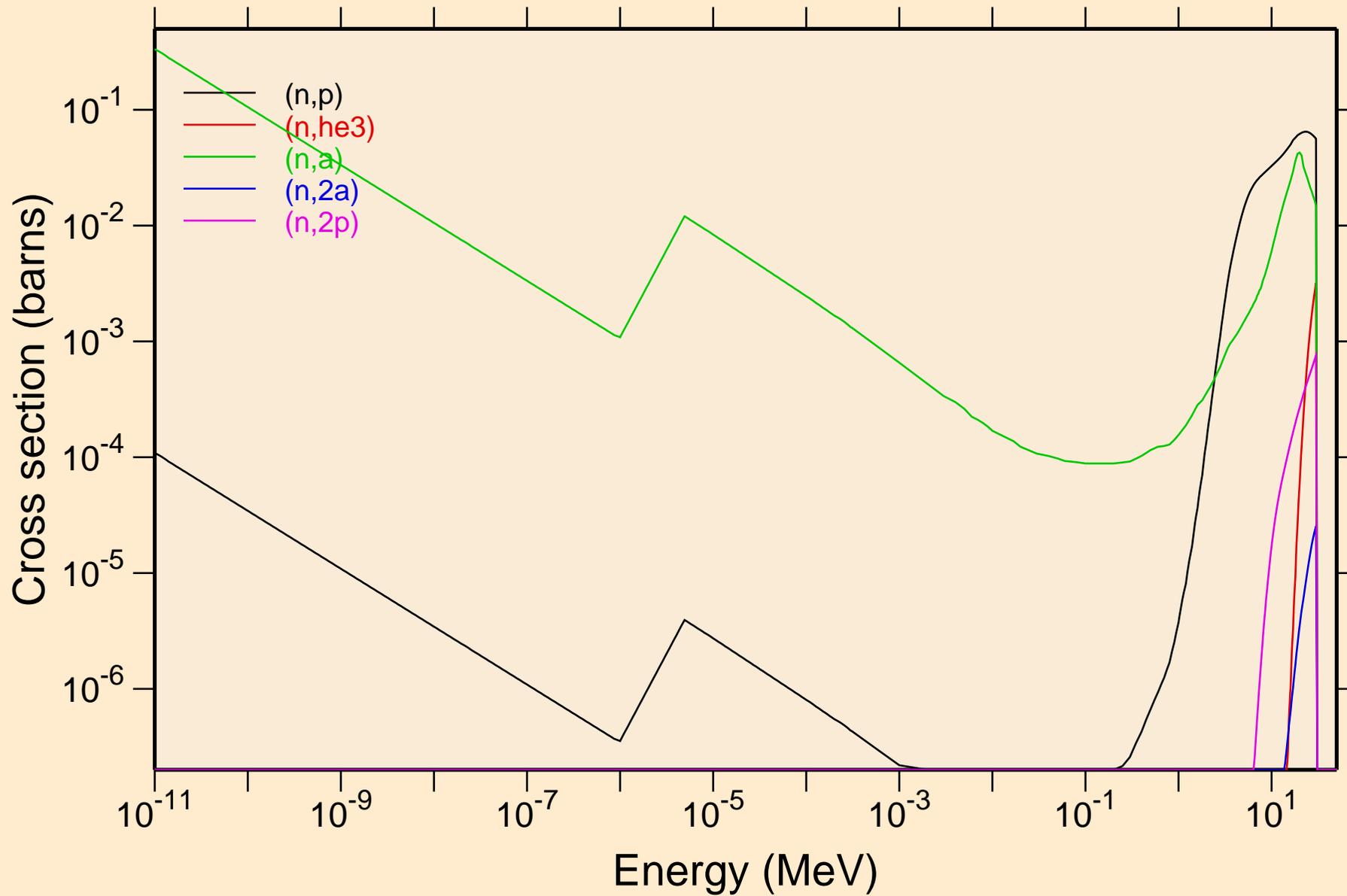


# RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

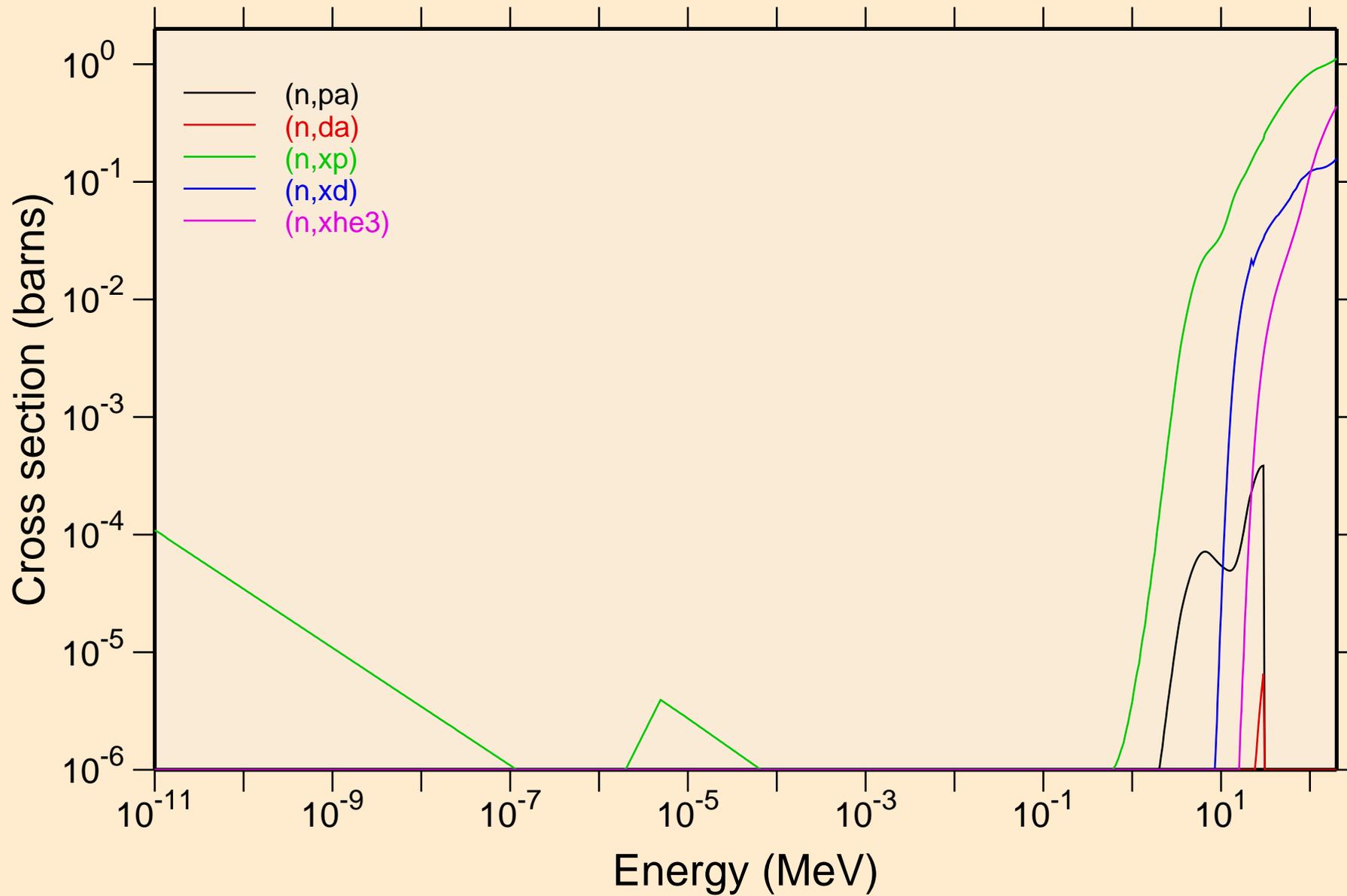


RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

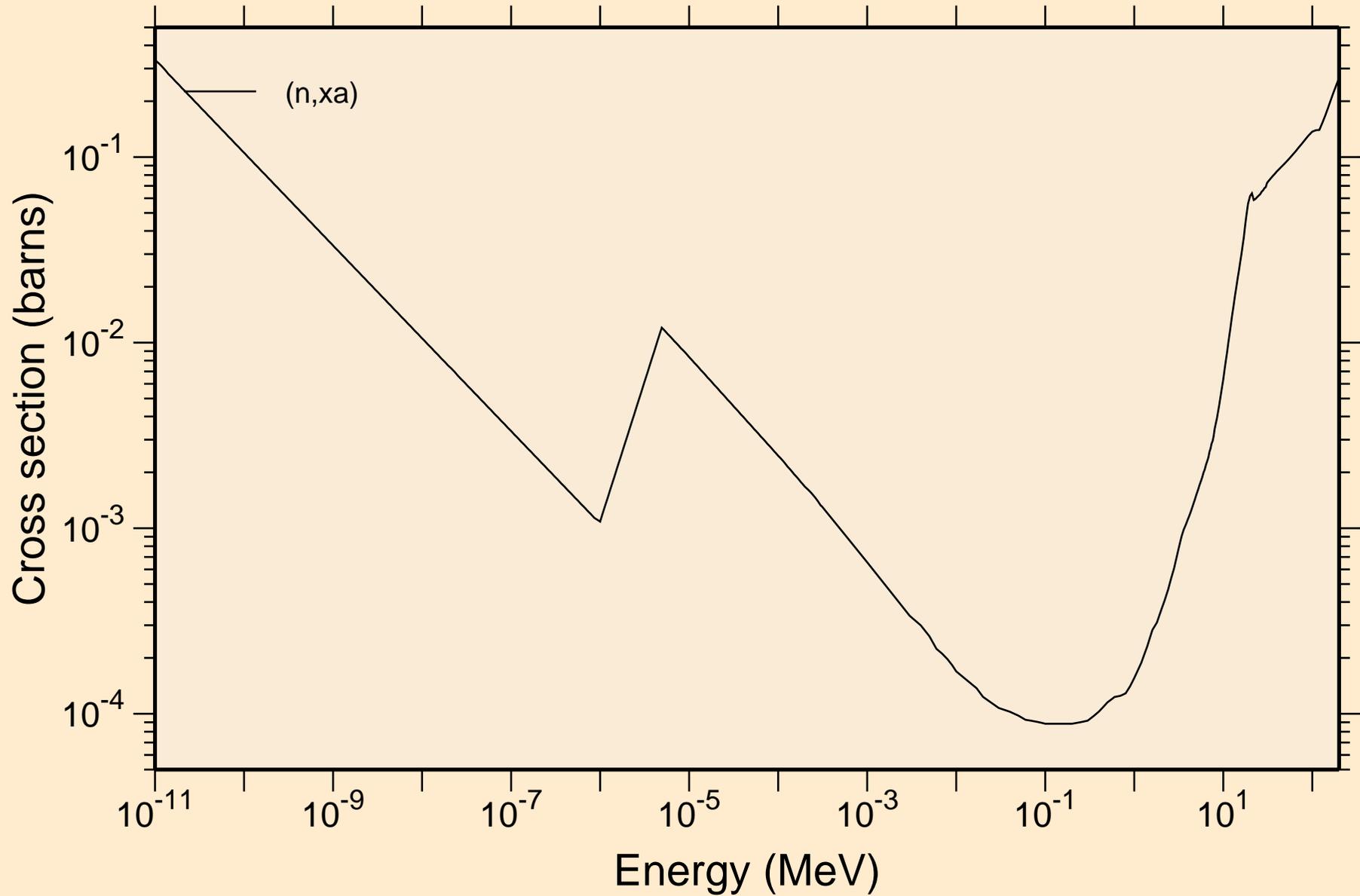


# RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

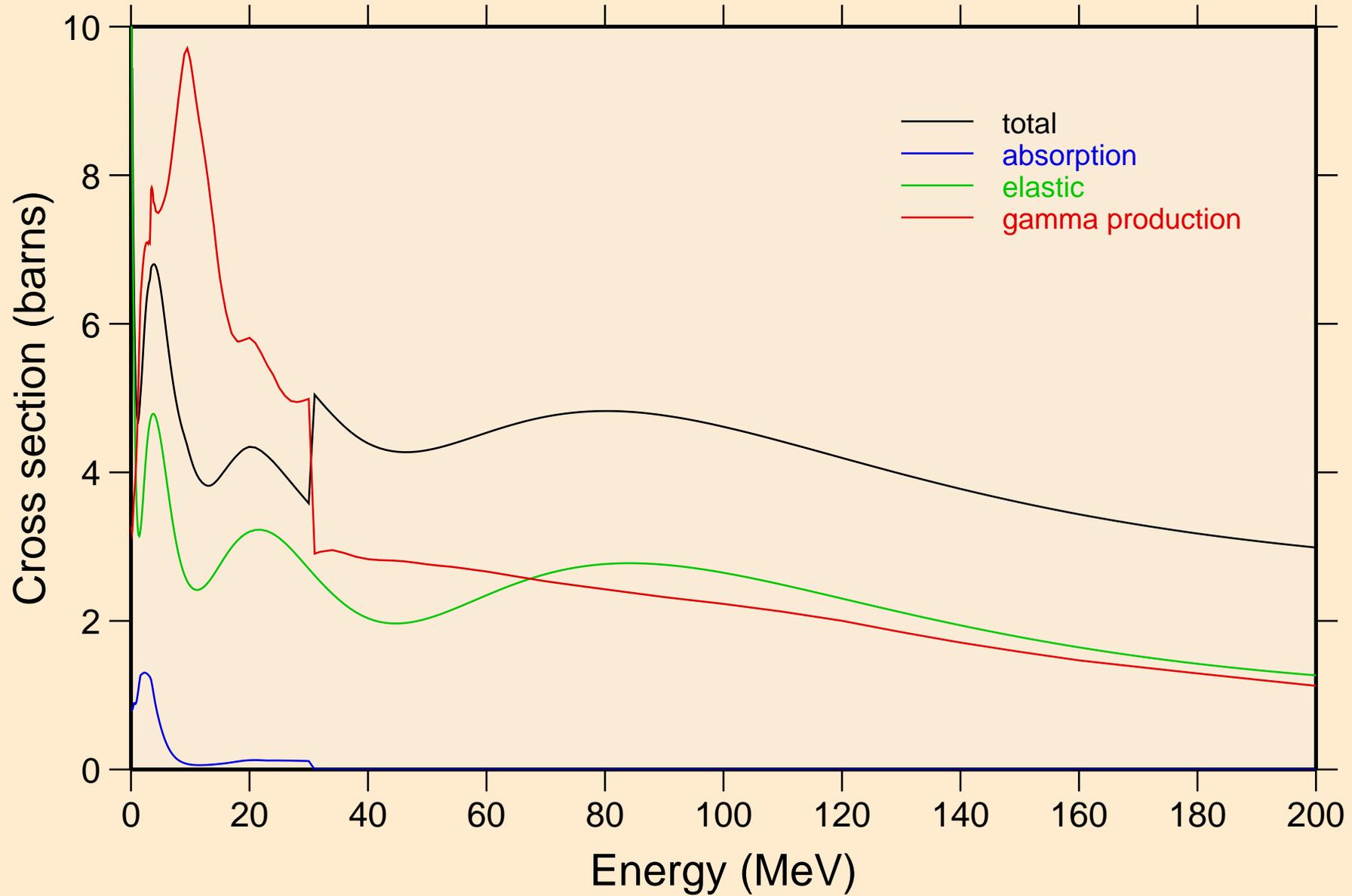
## Non-threshold reactions



RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

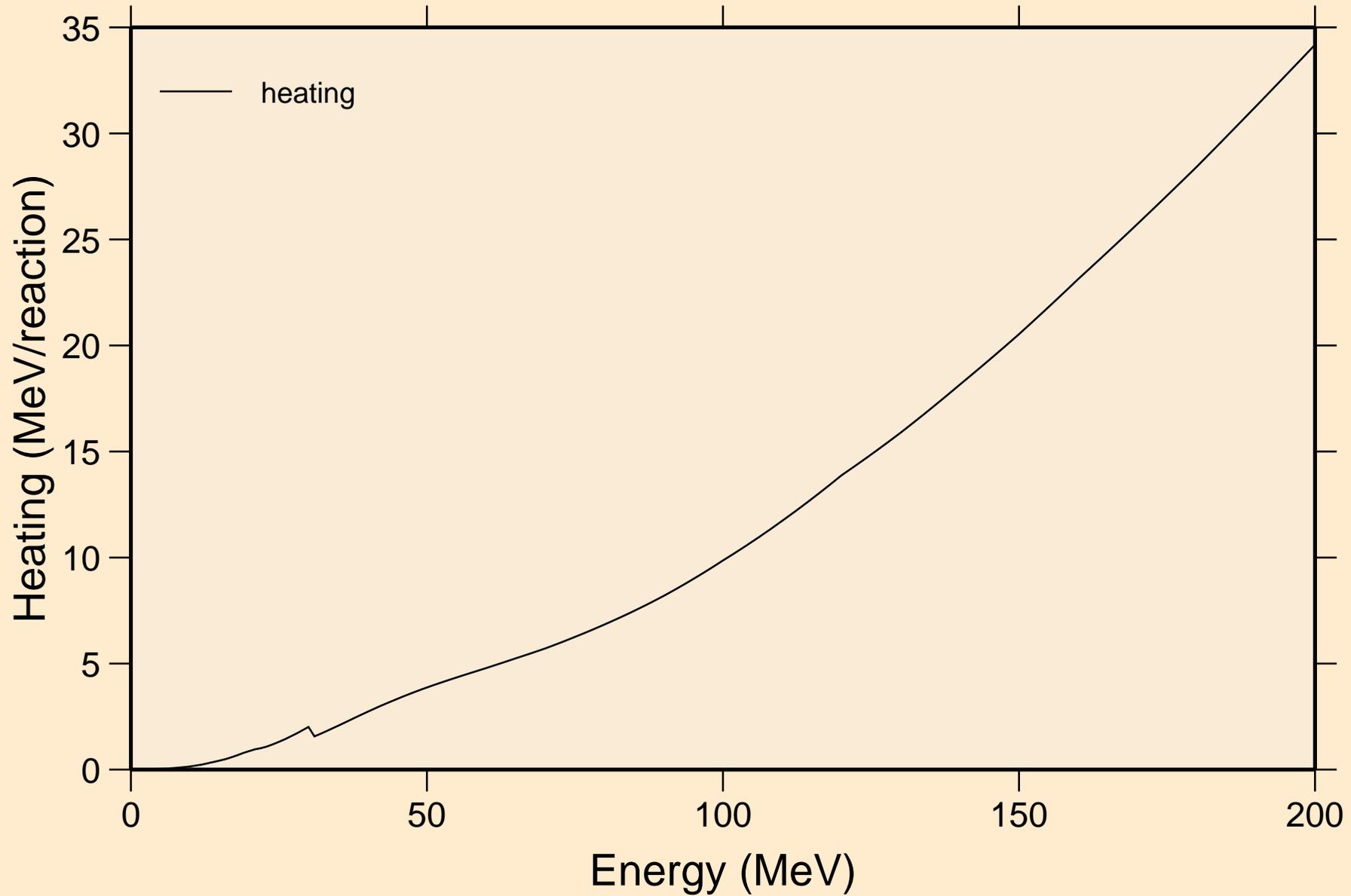


RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



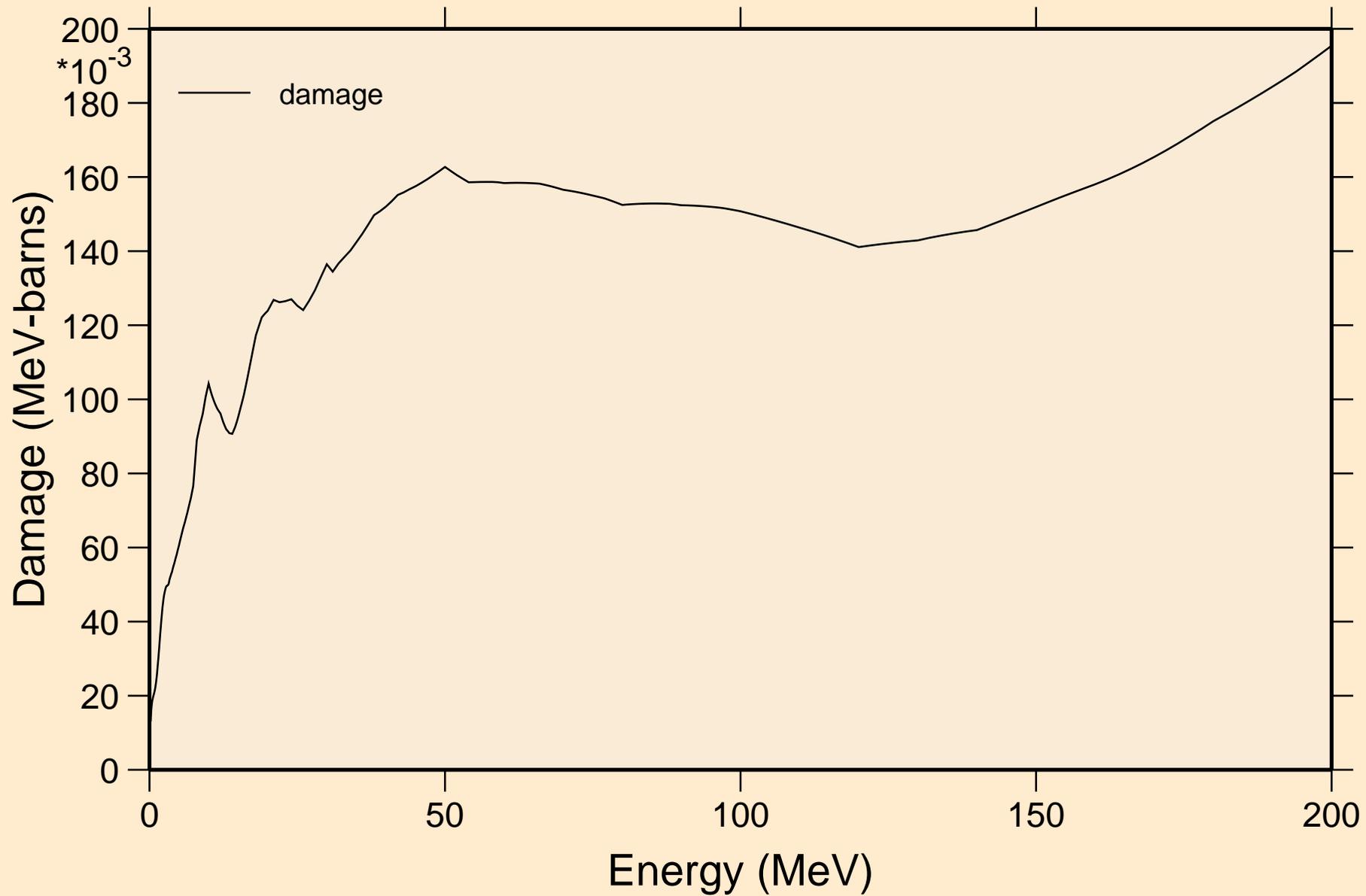
# RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

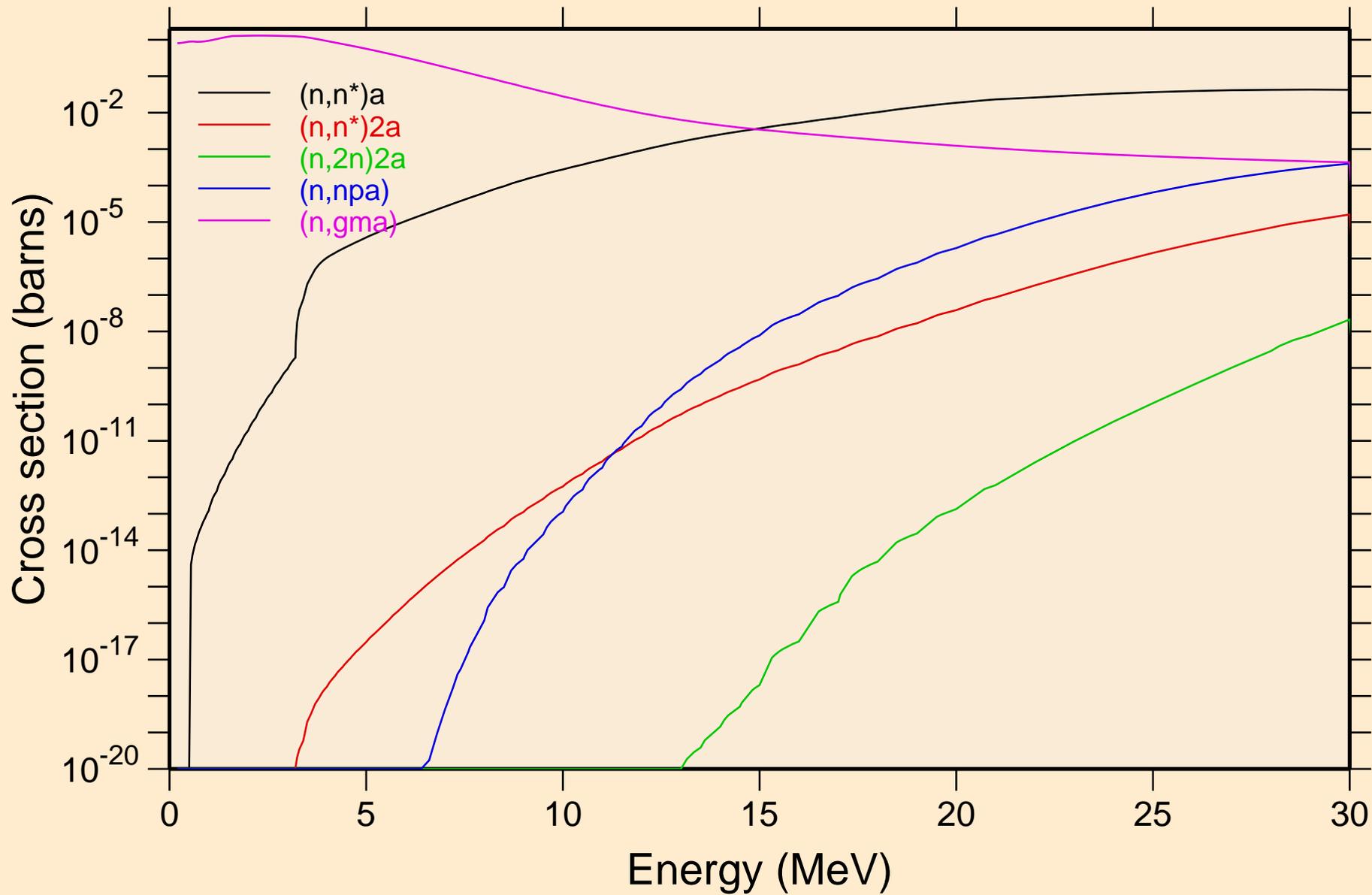


# RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

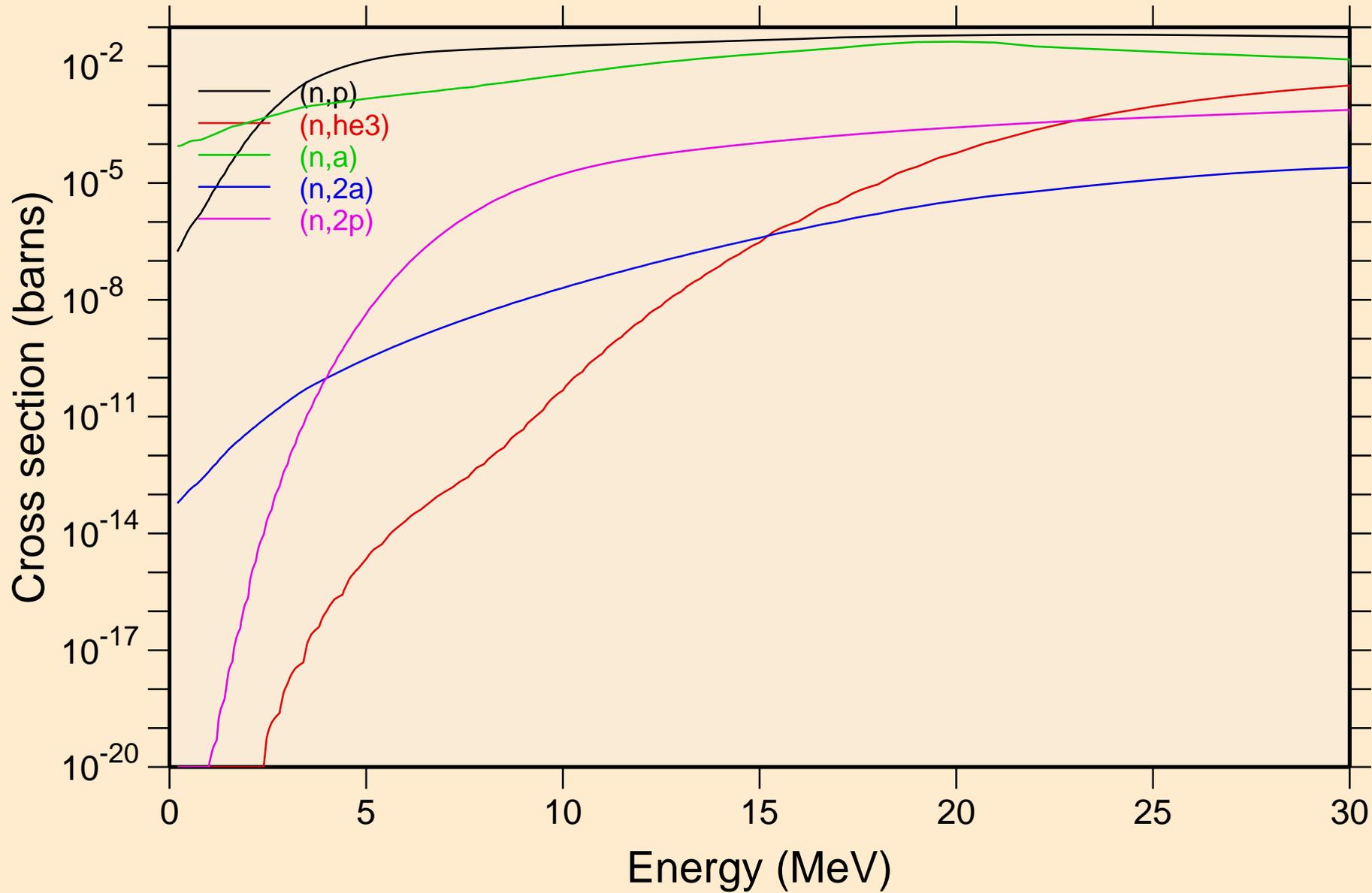
## Damage



RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

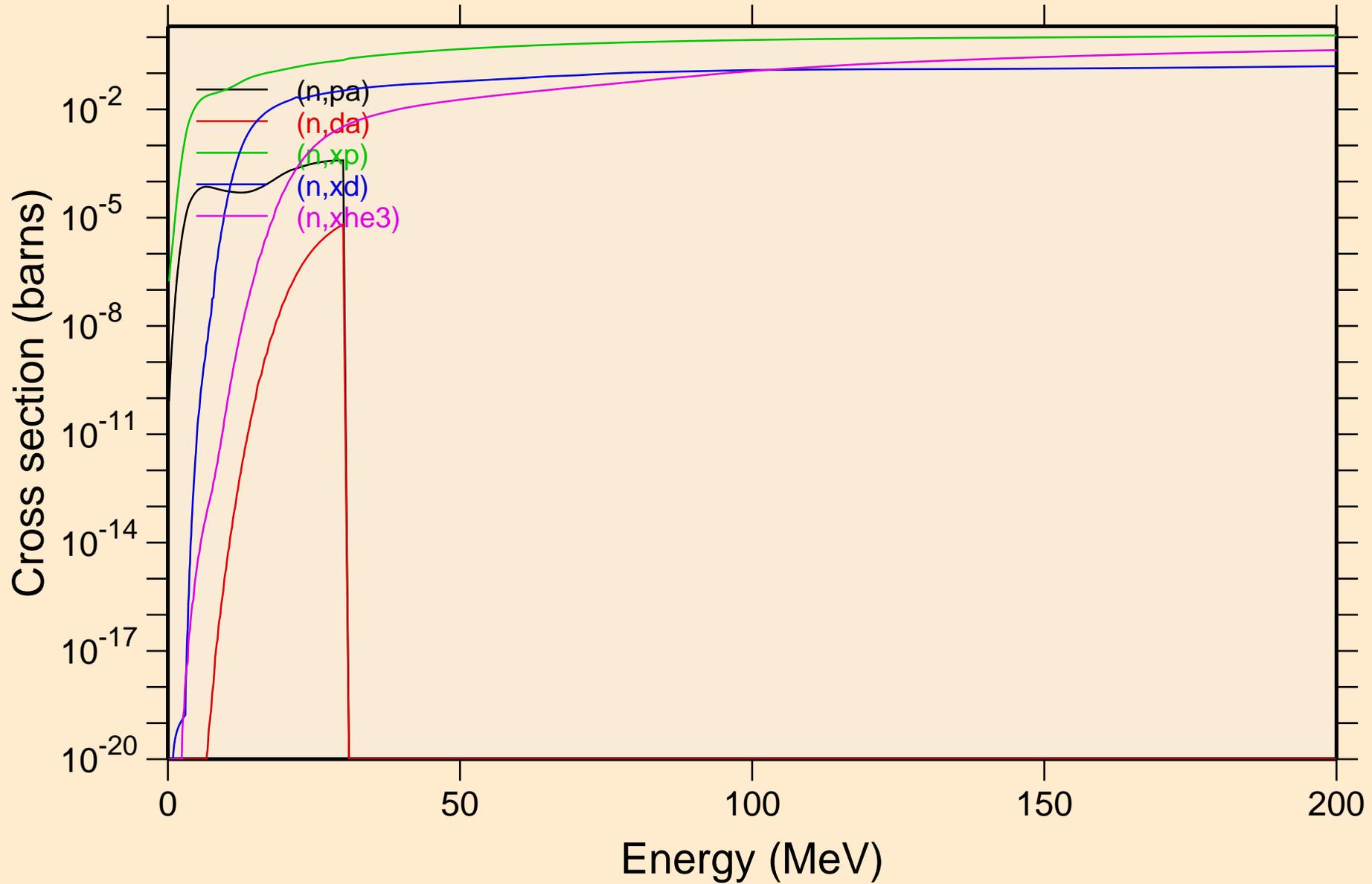


RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

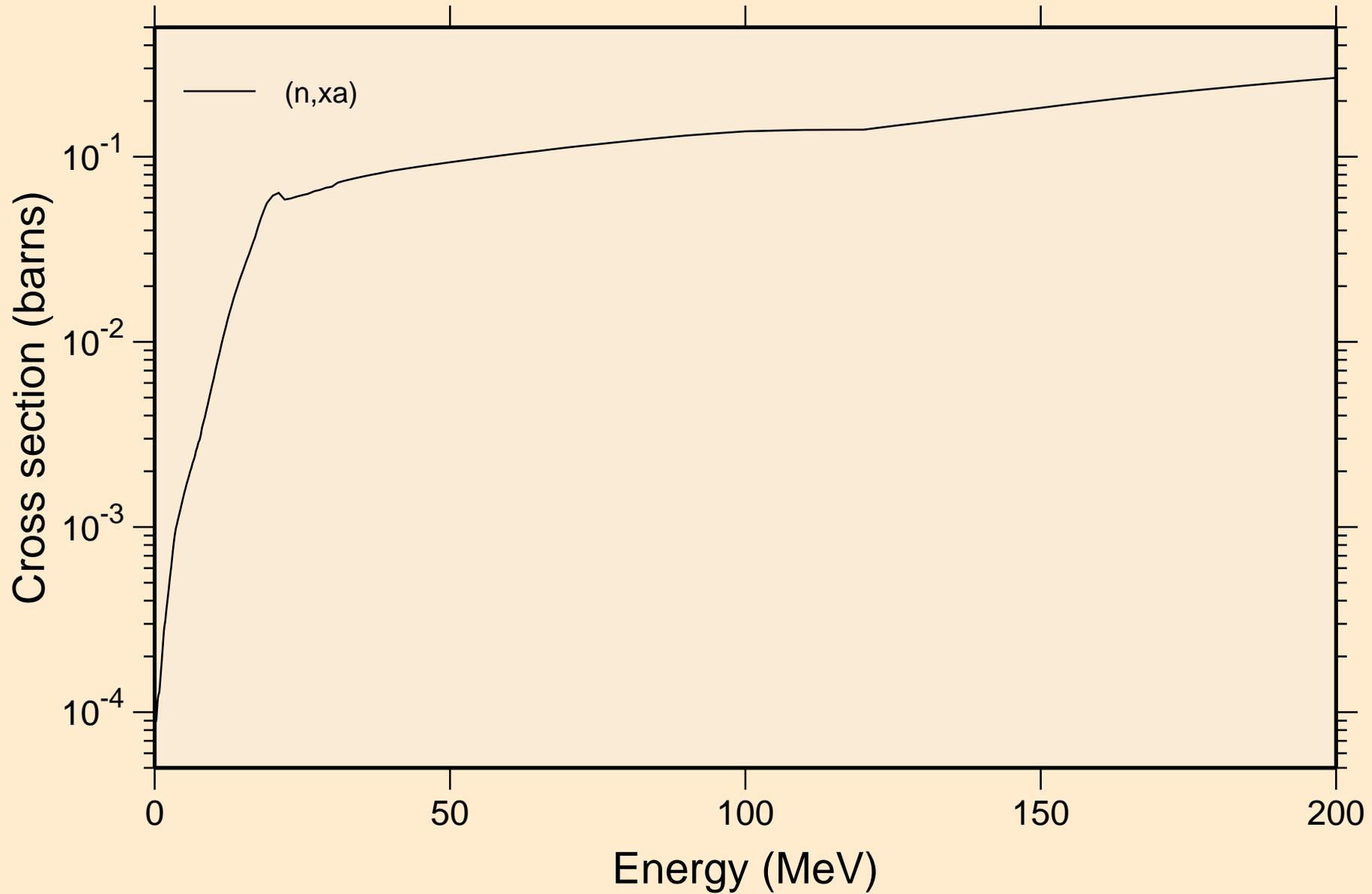


# RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

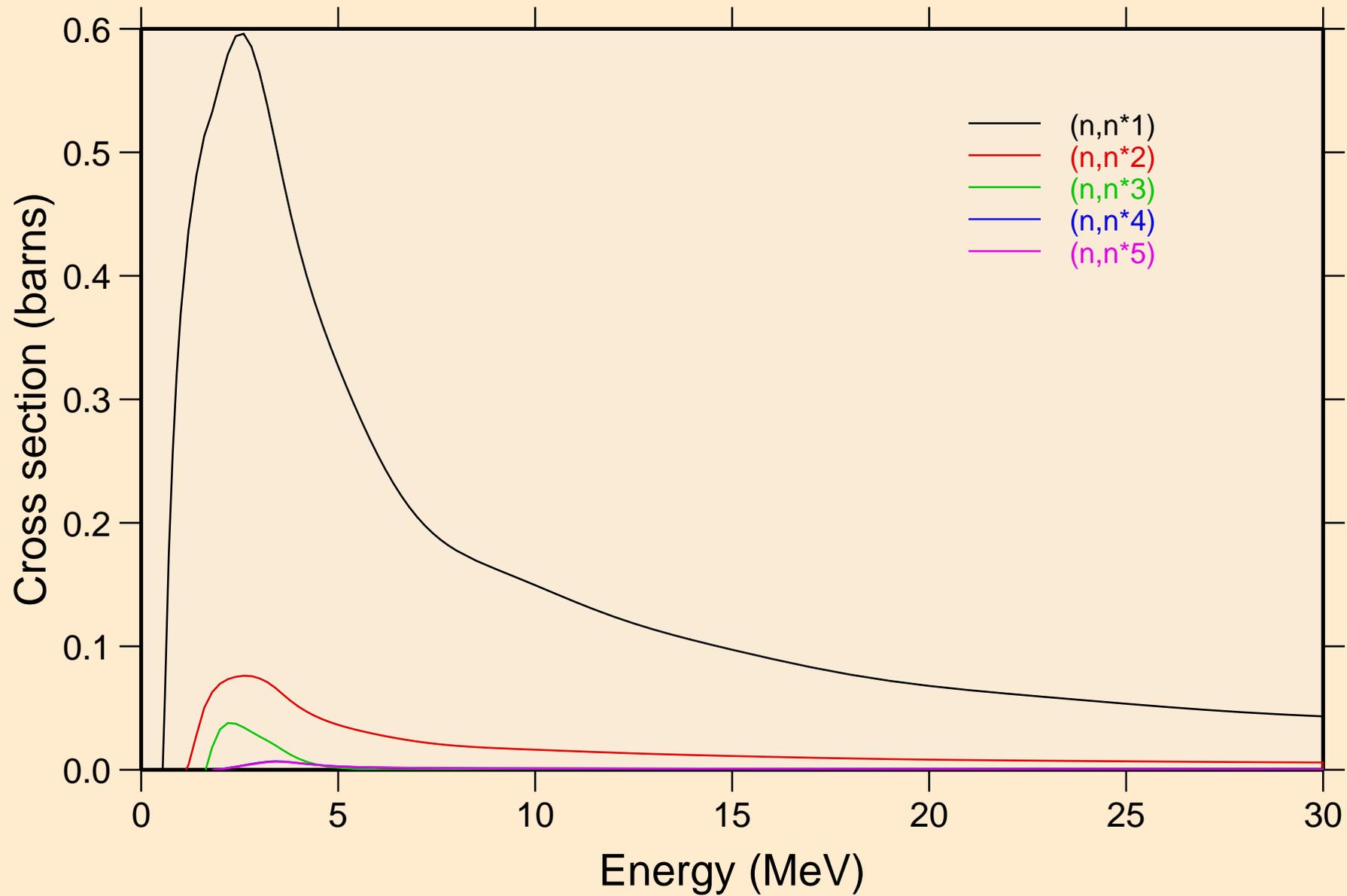
## Non-threshold reactions



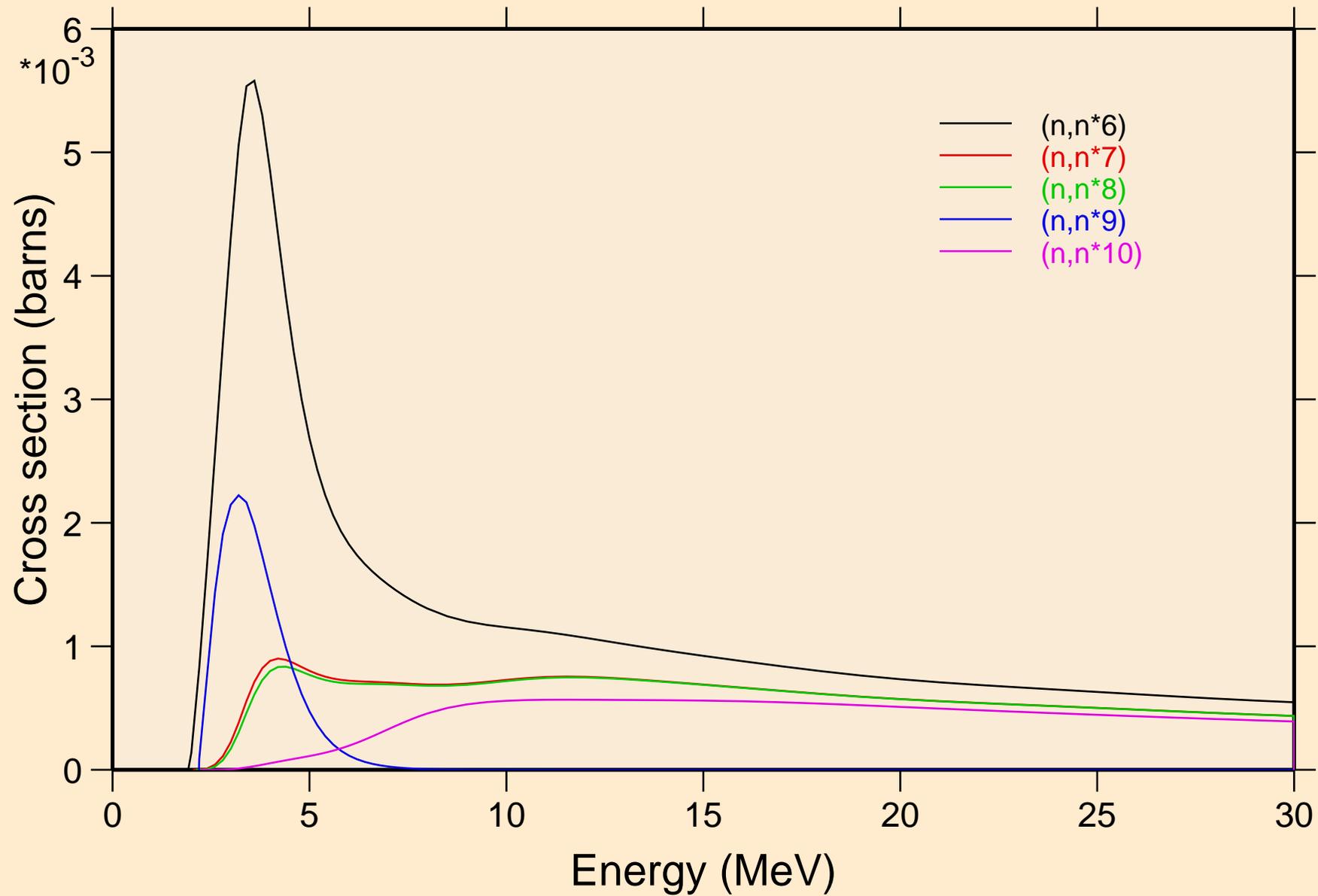
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



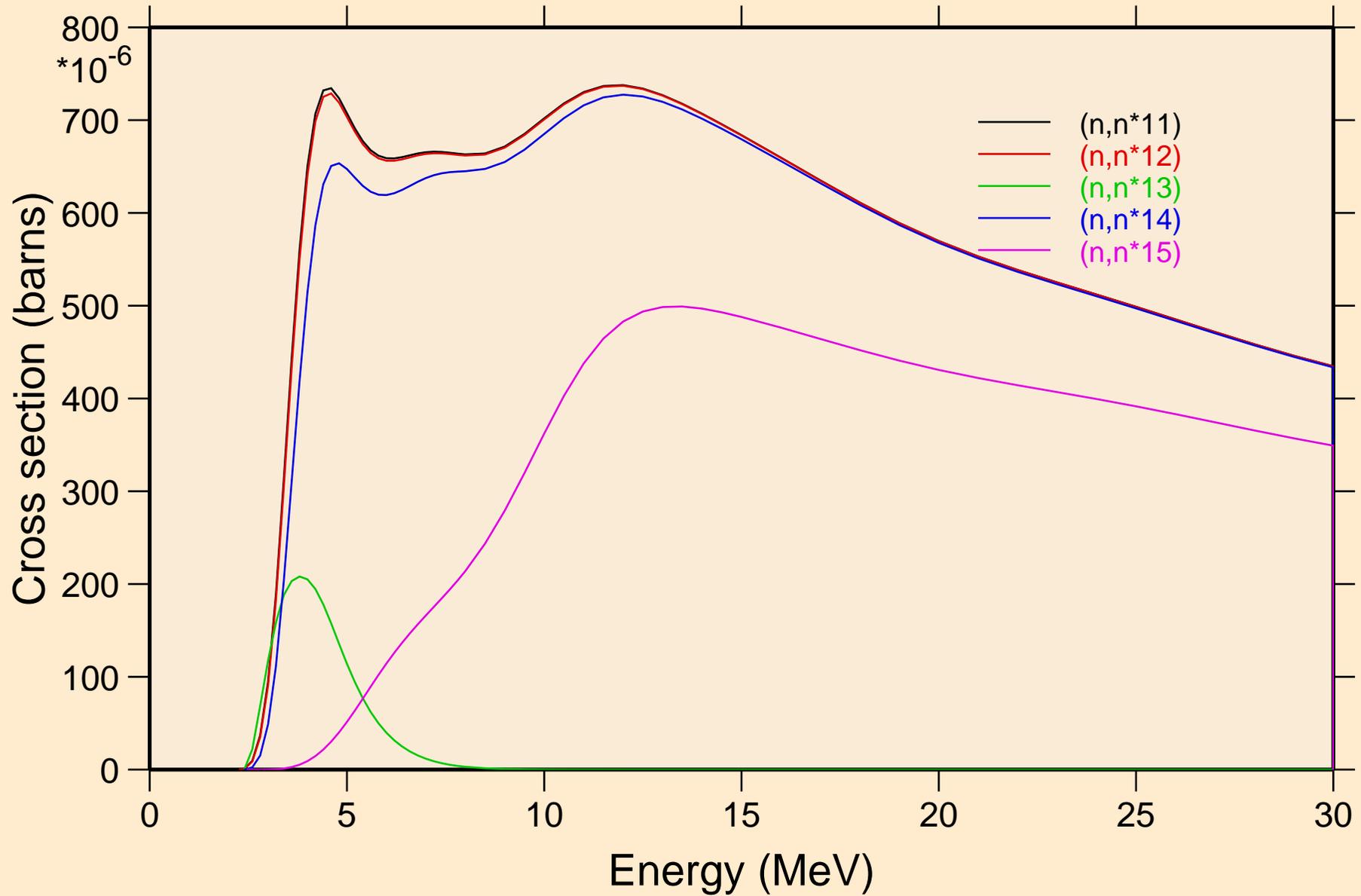
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



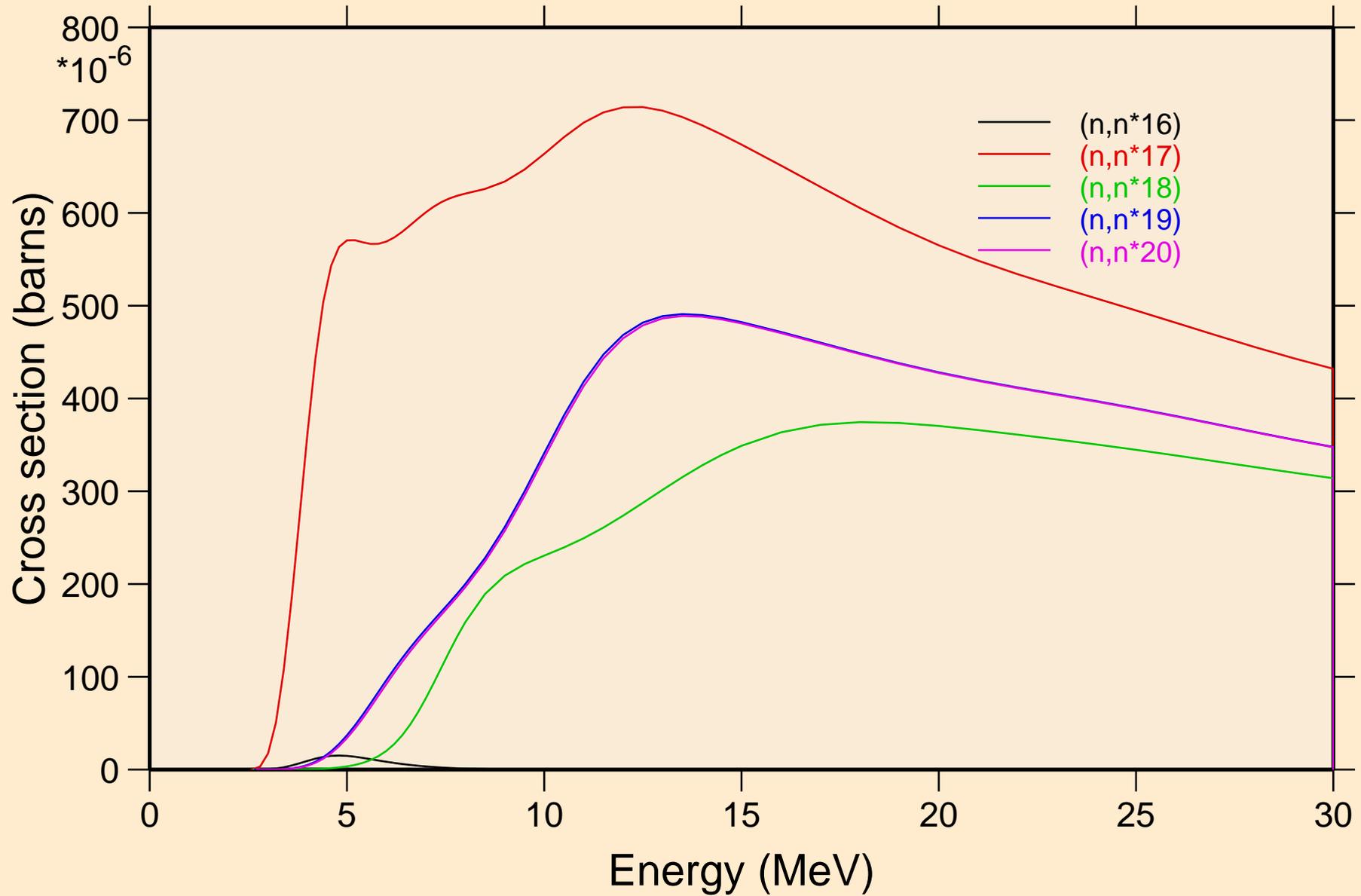
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



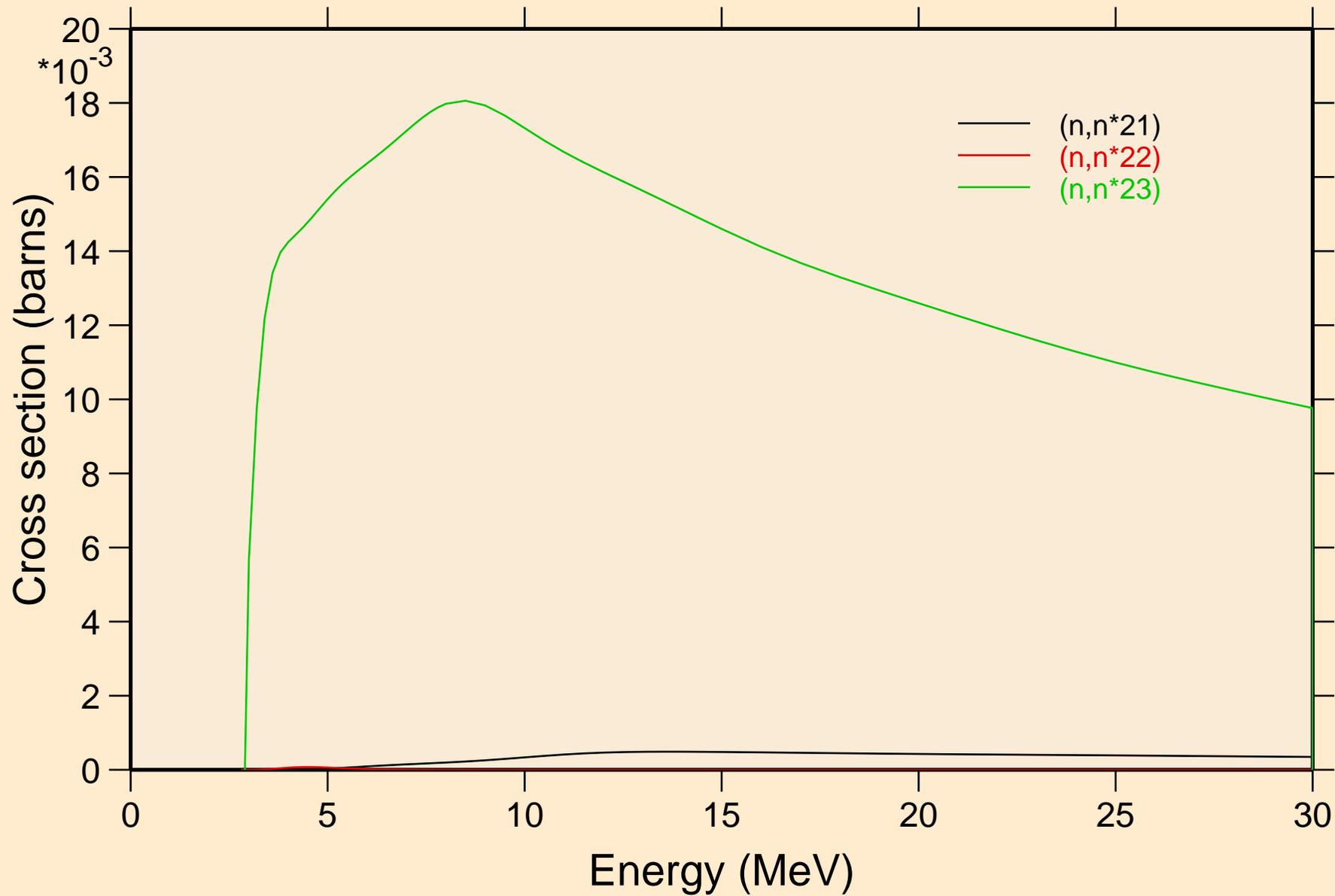
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

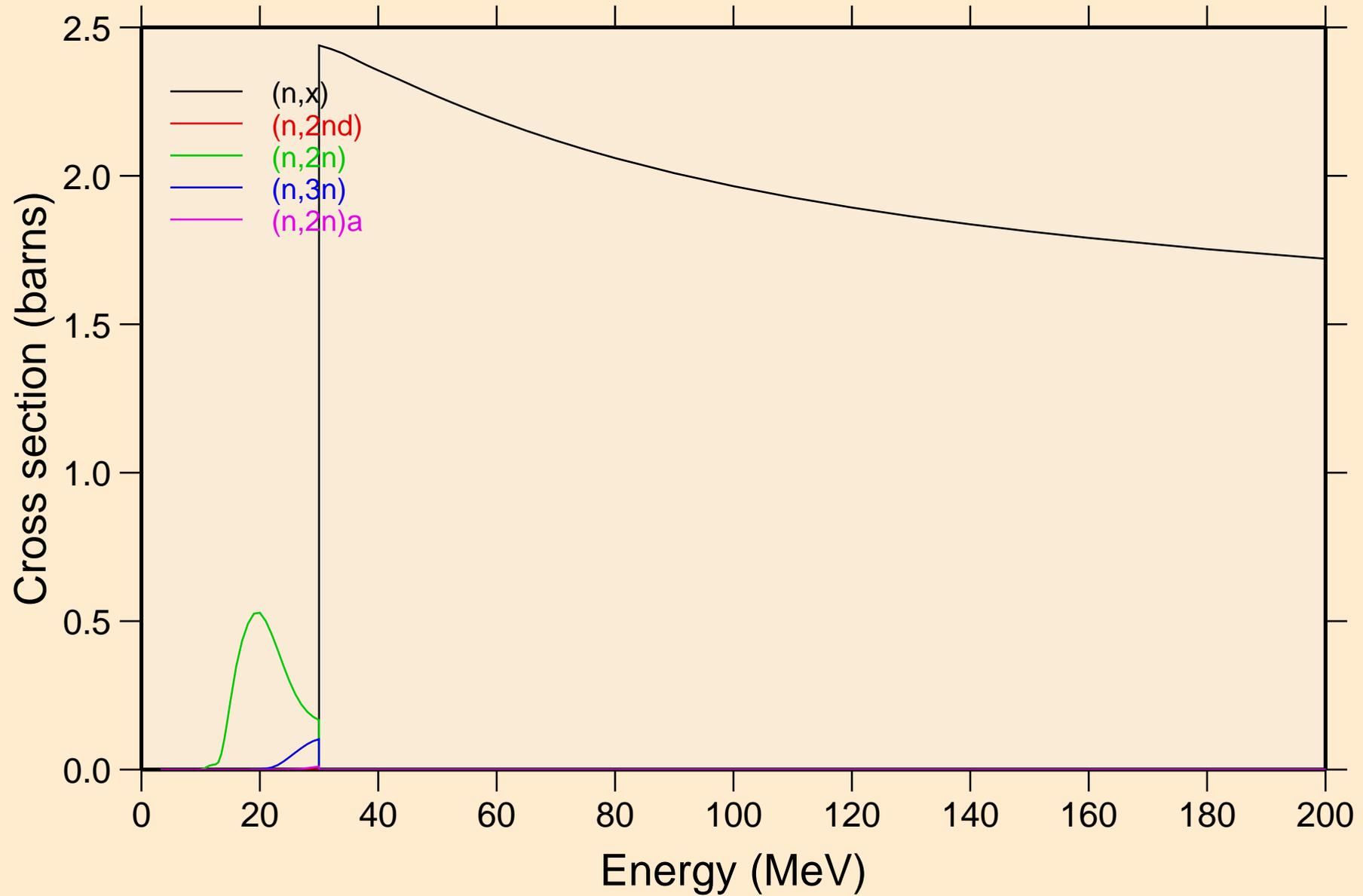


RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

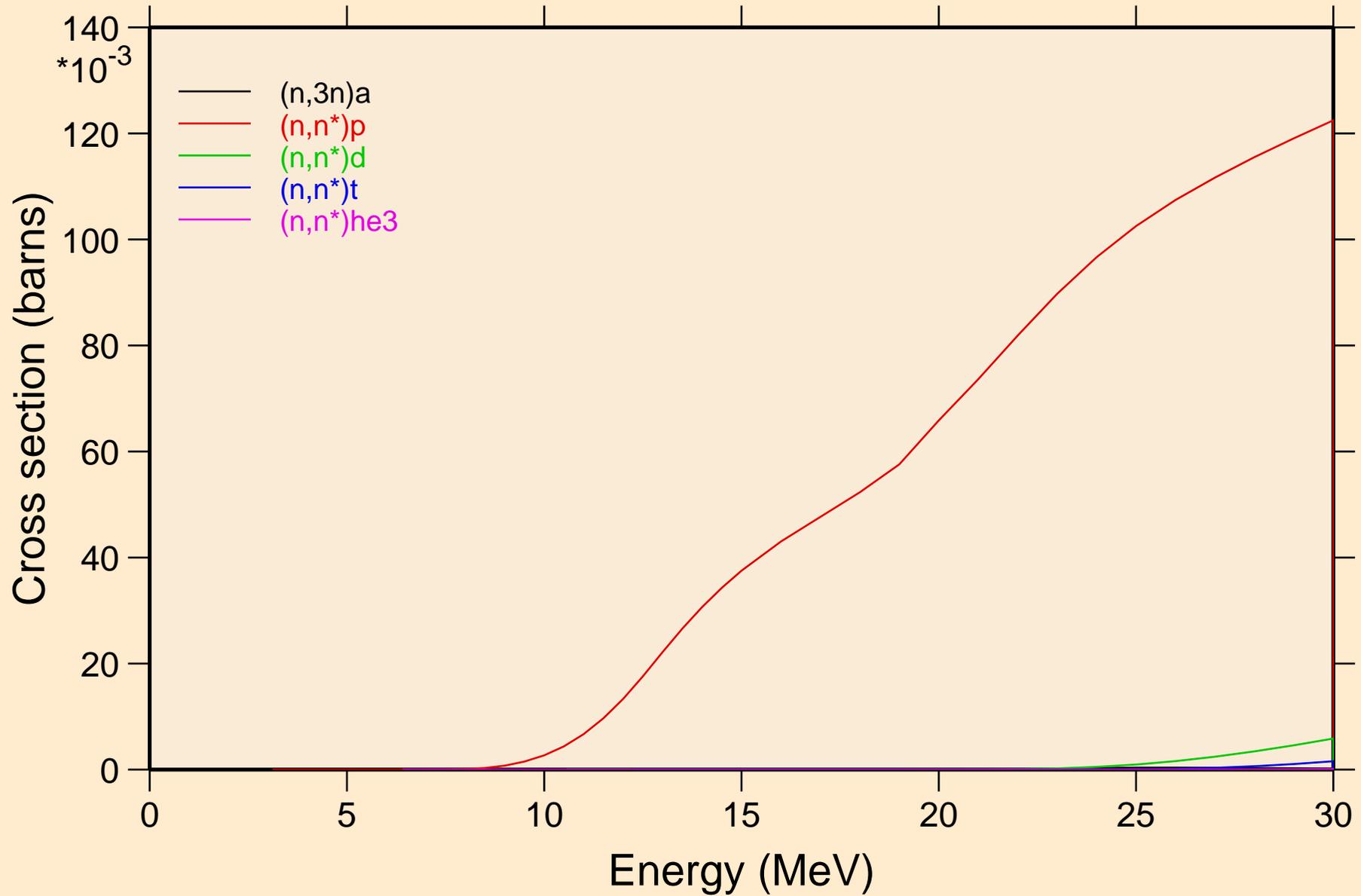


# RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

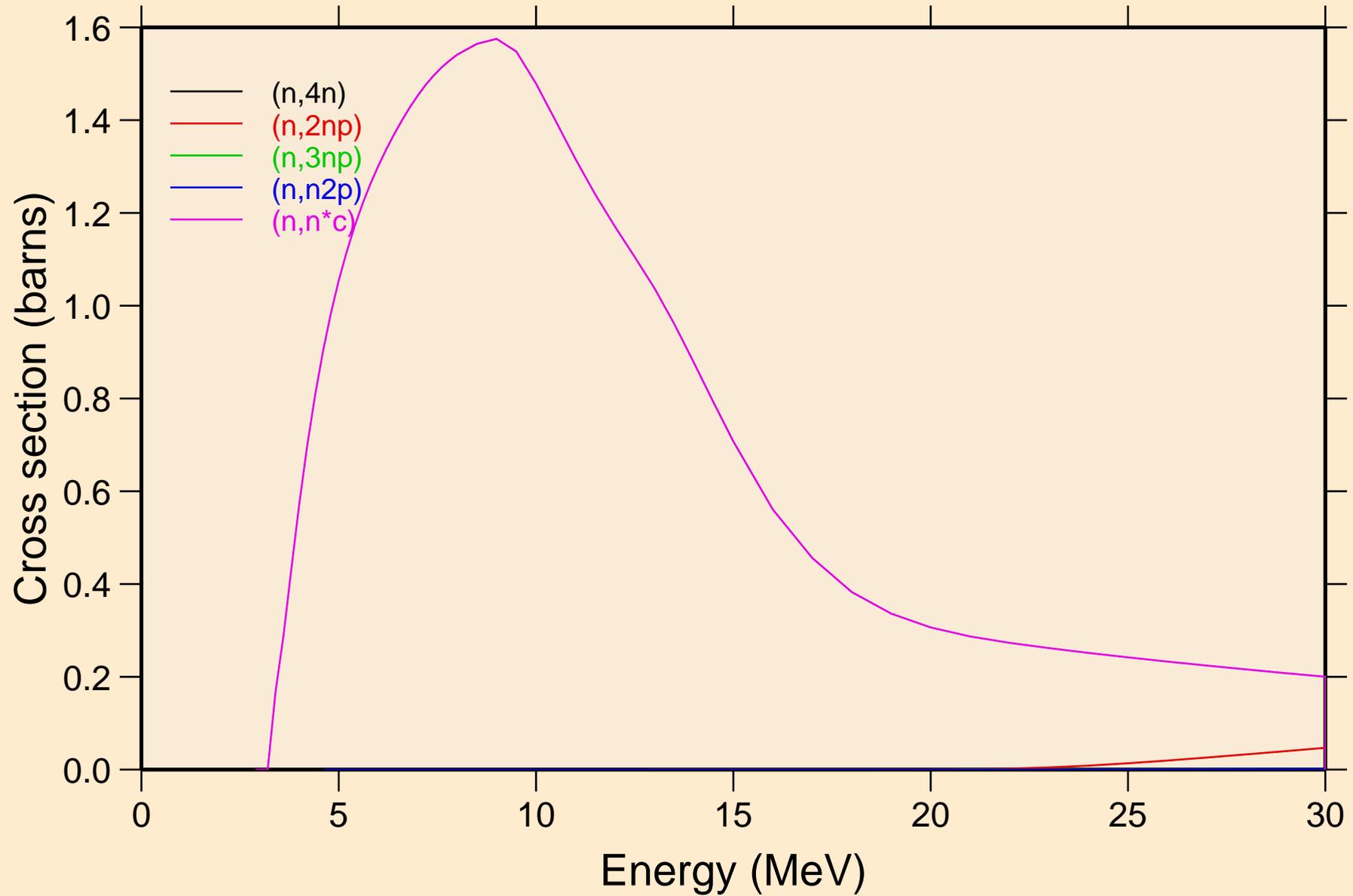
## Threshold reactions



RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

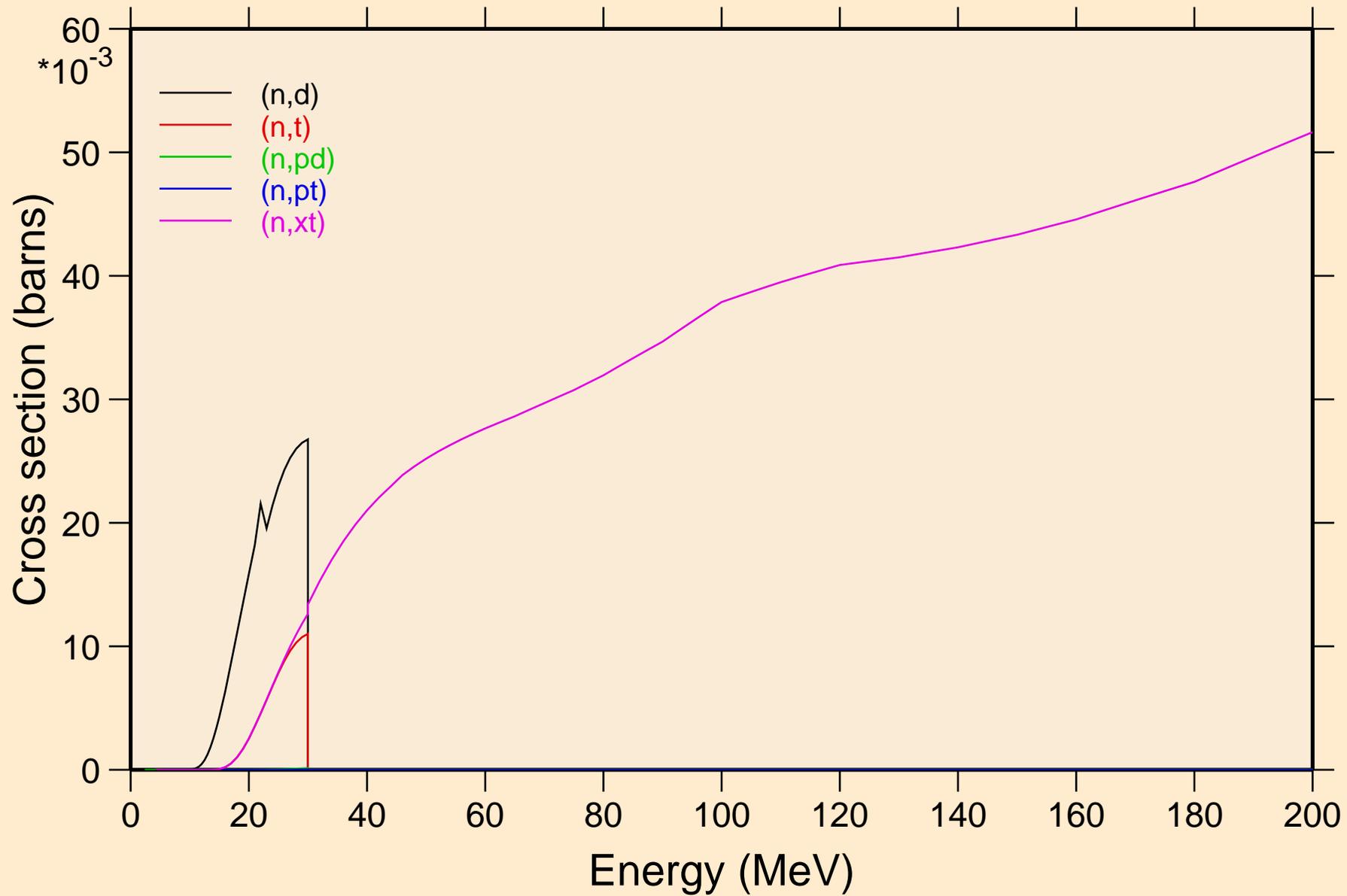


RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

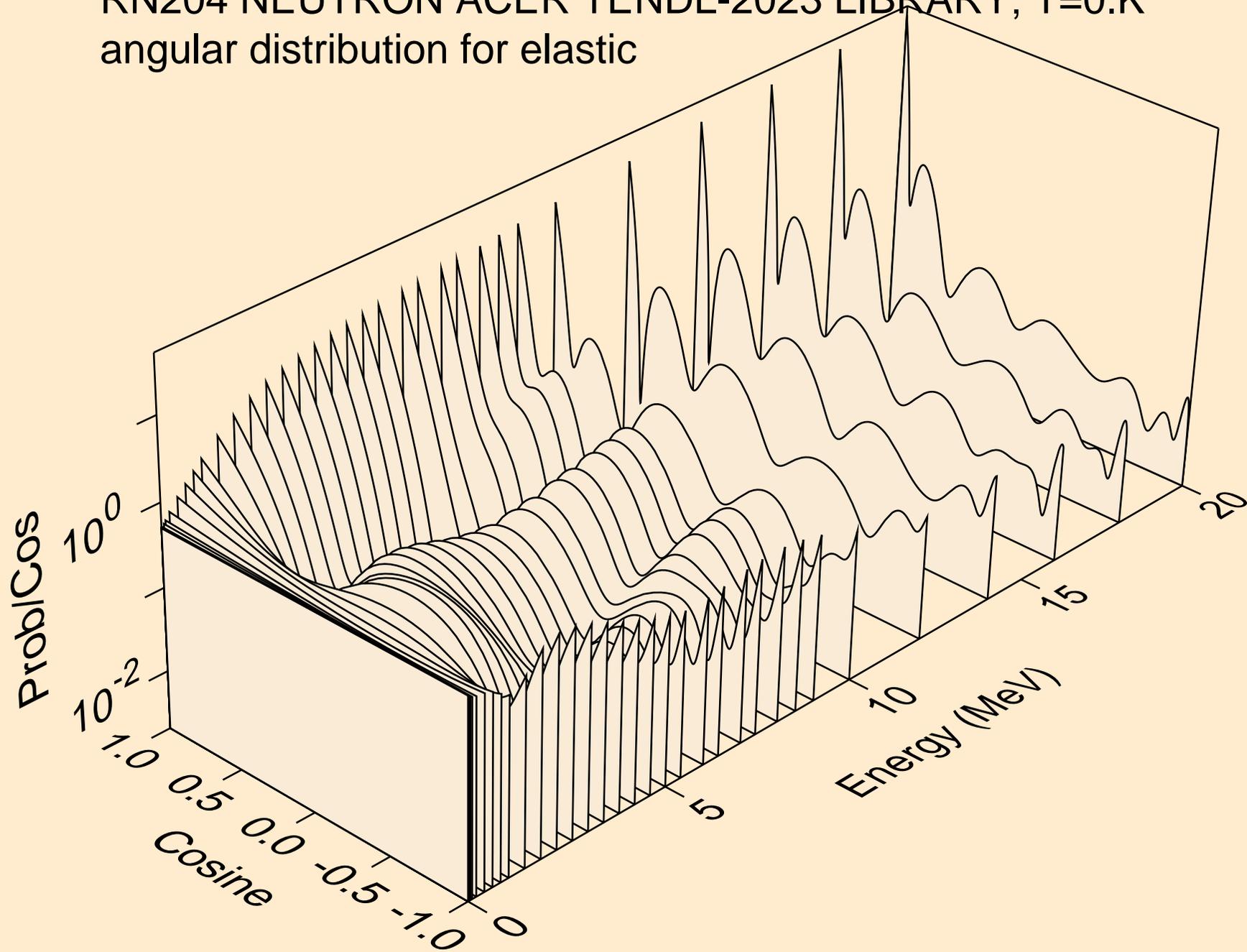


# RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

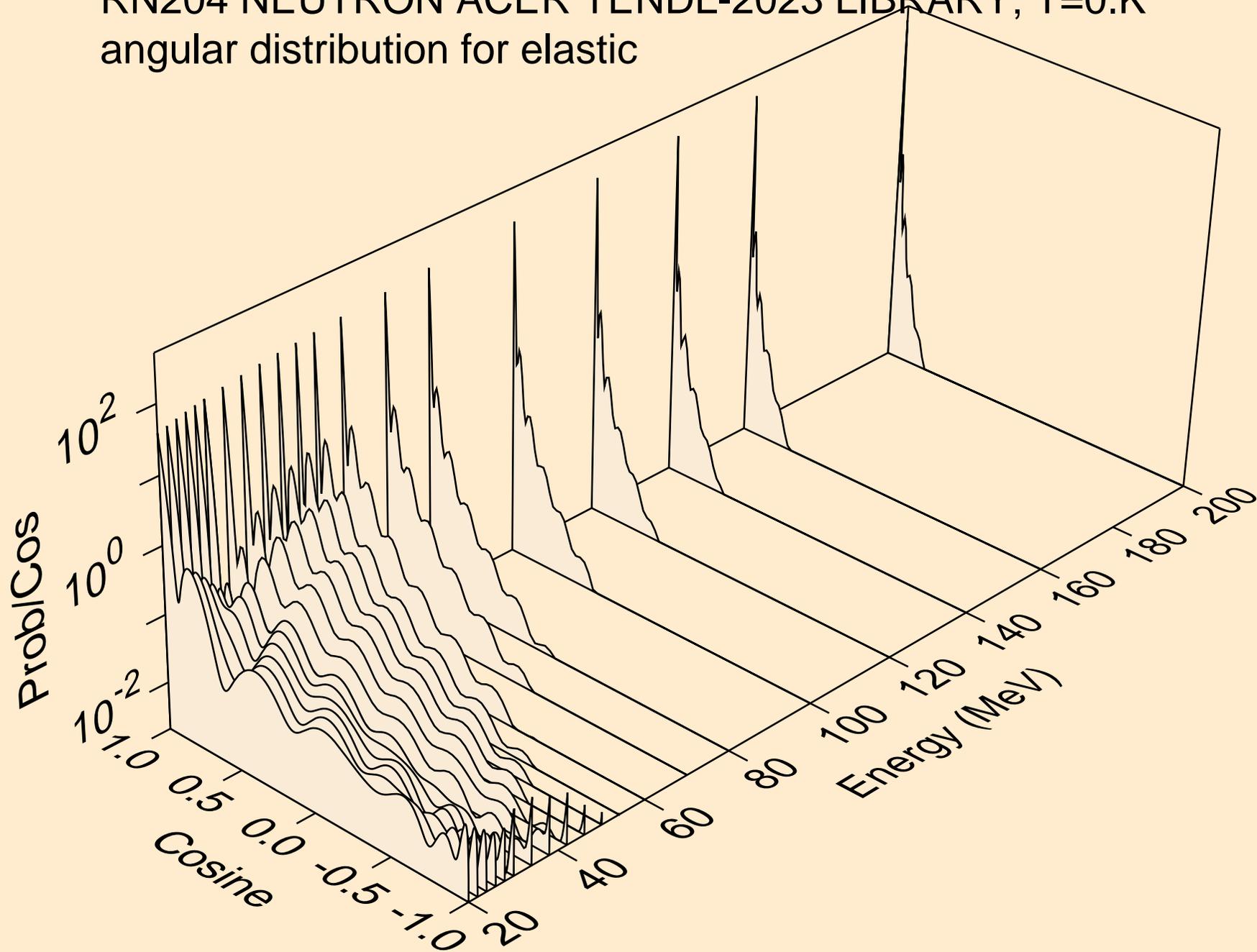
## Threshold reactions



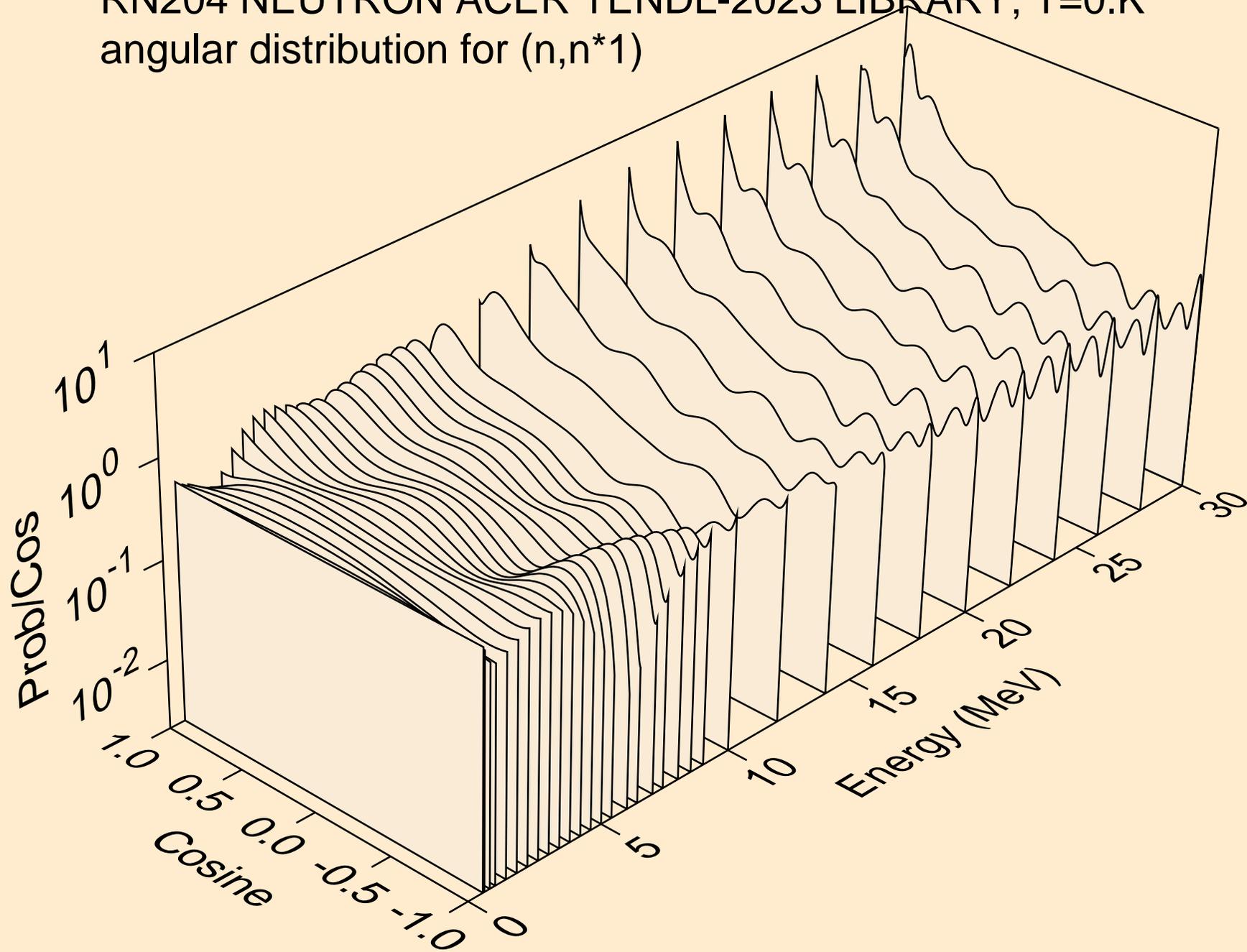
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



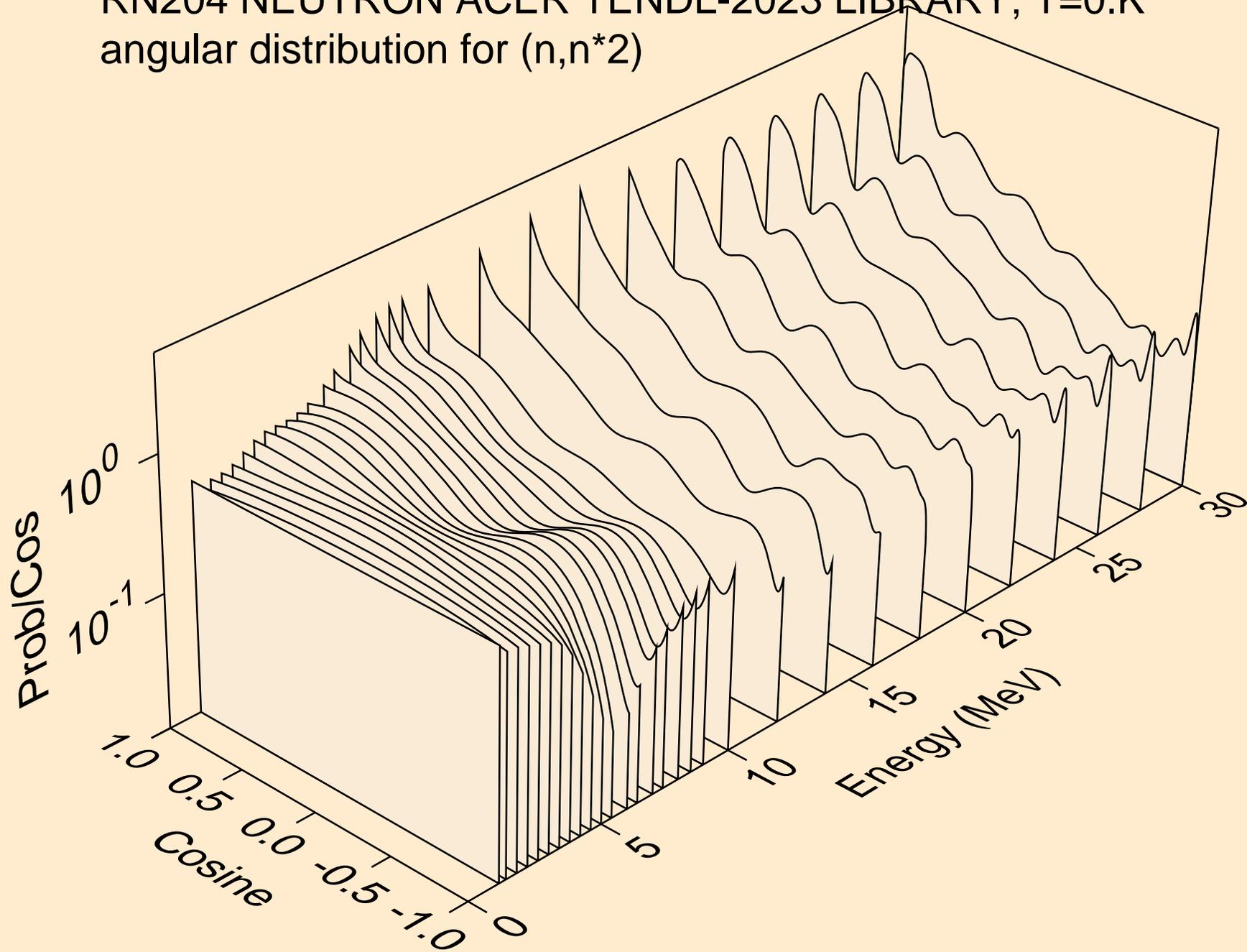
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



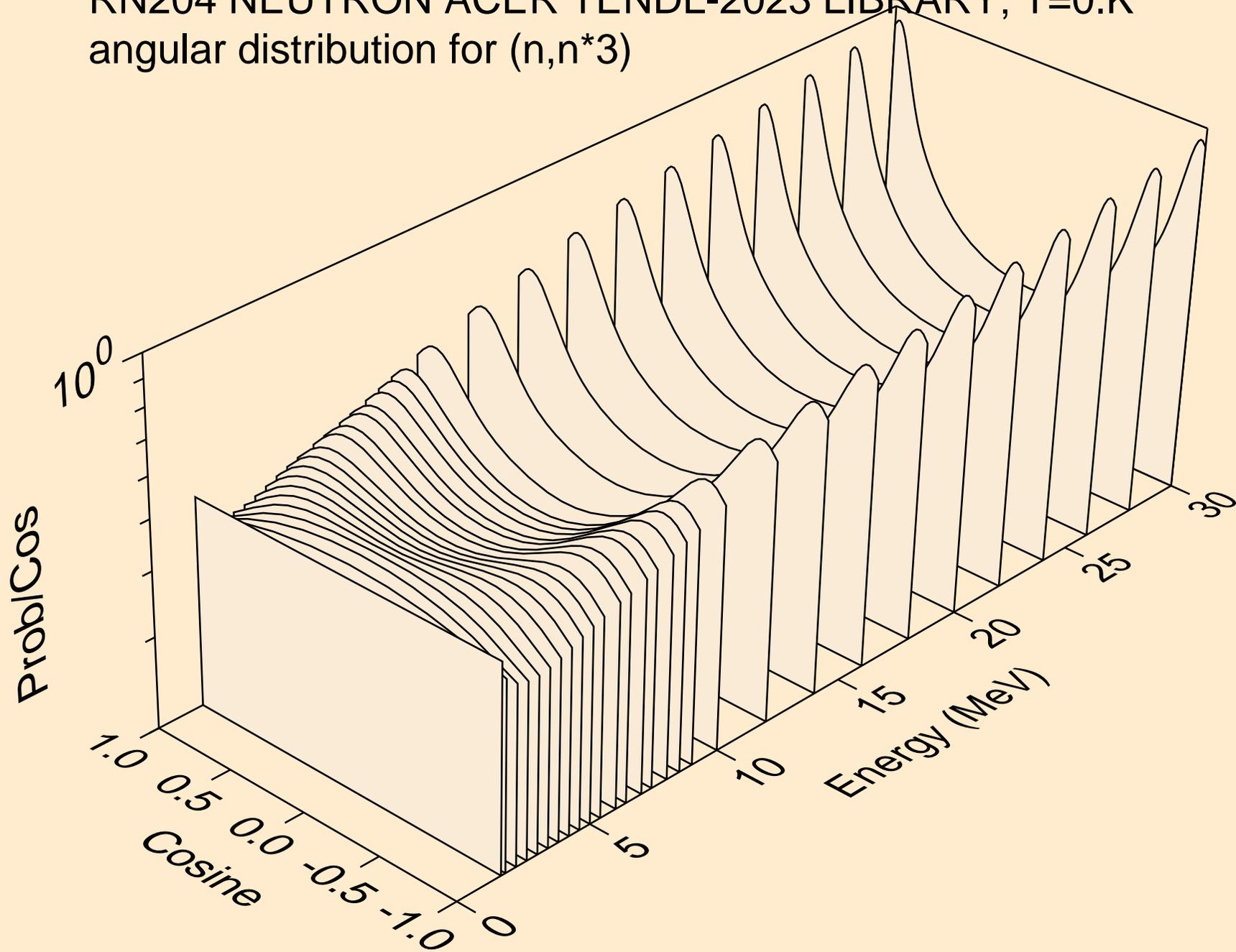
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



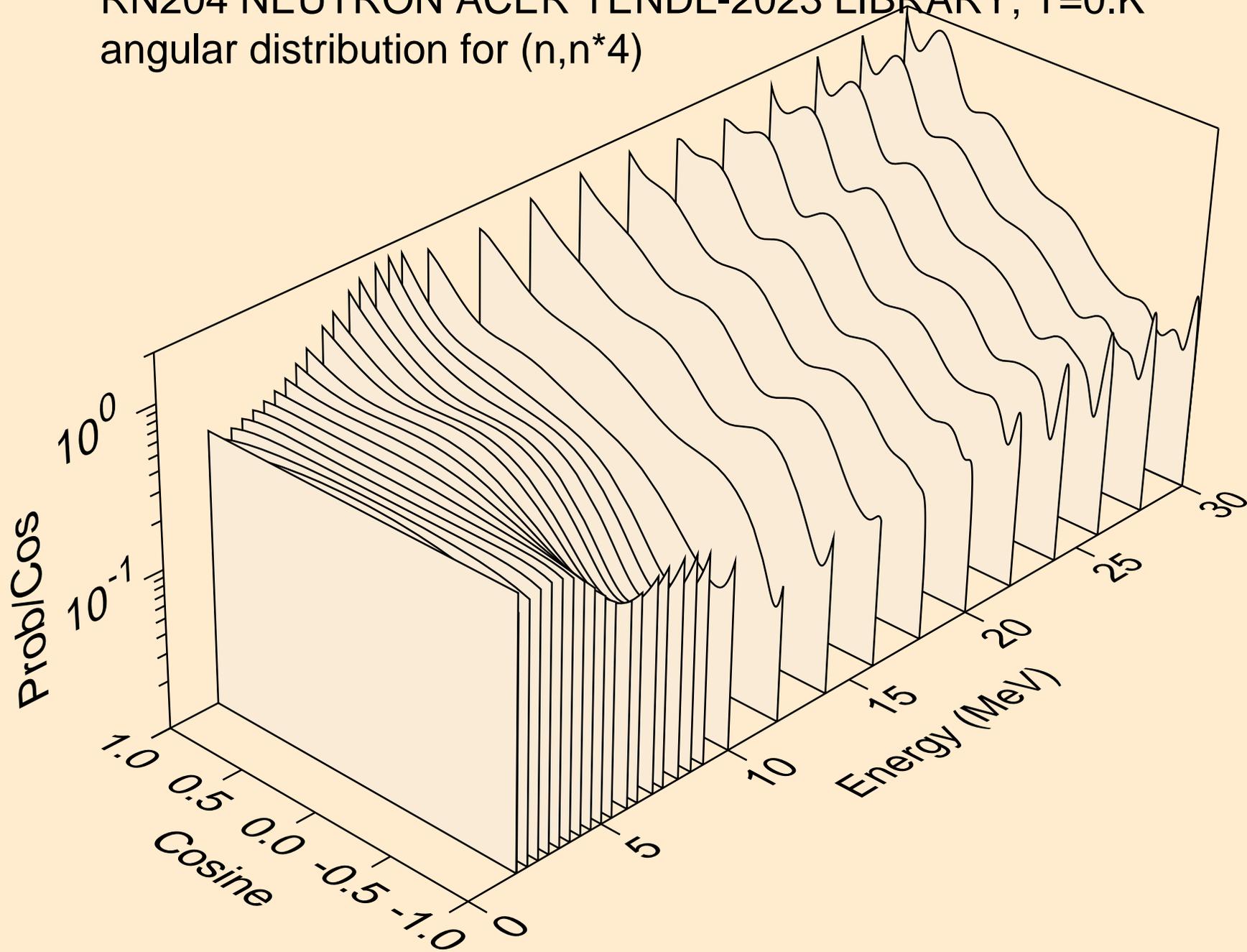
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



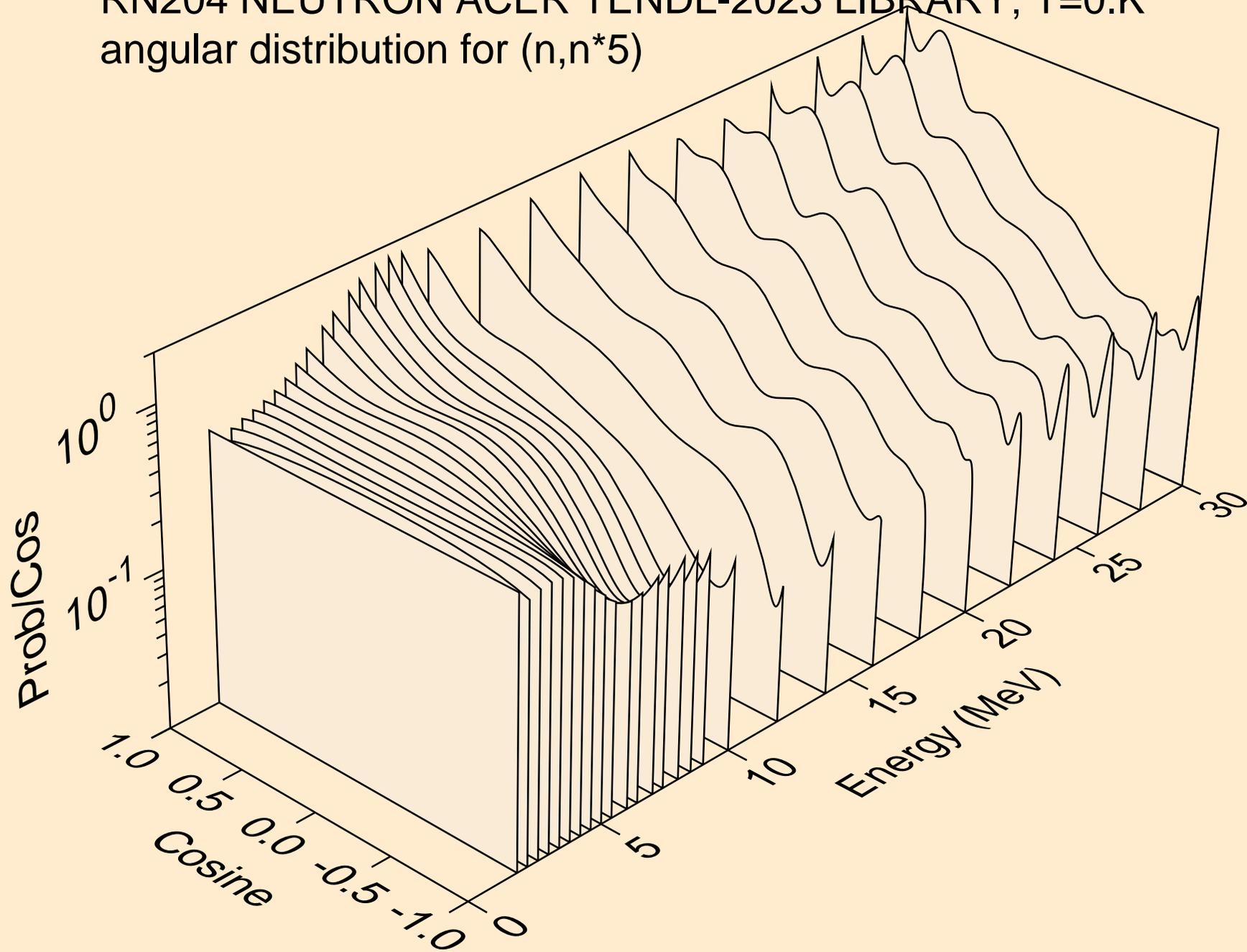
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



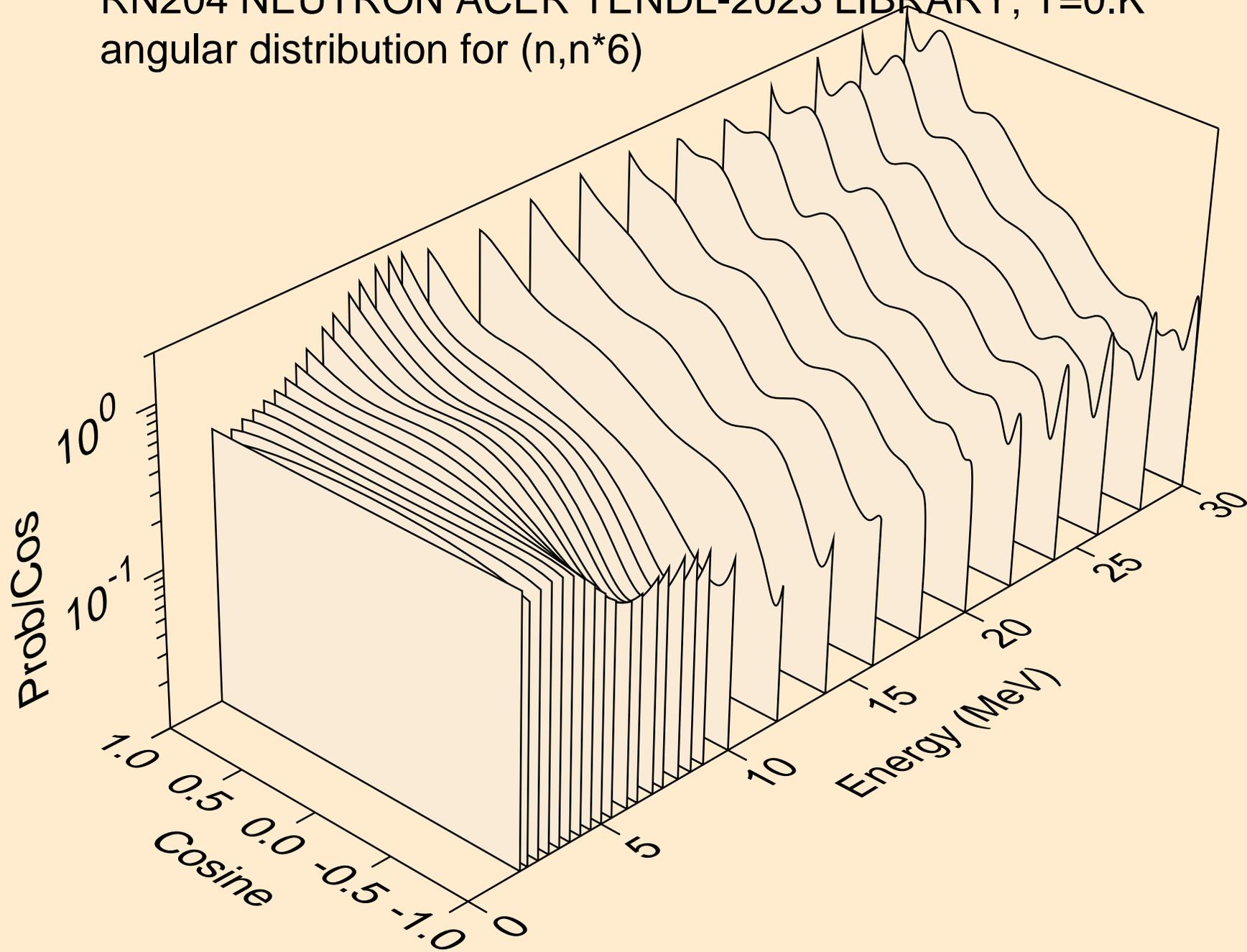
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



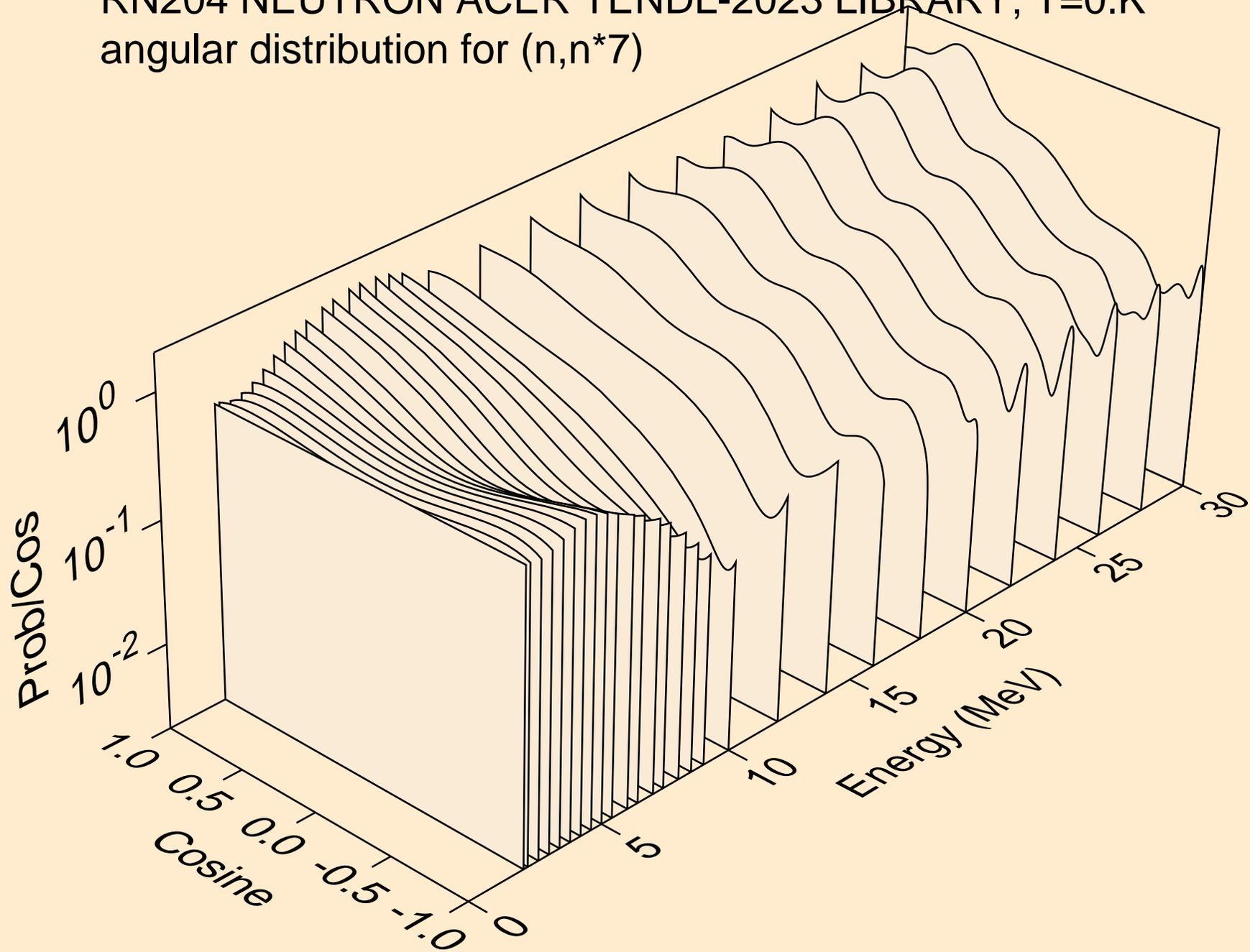
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



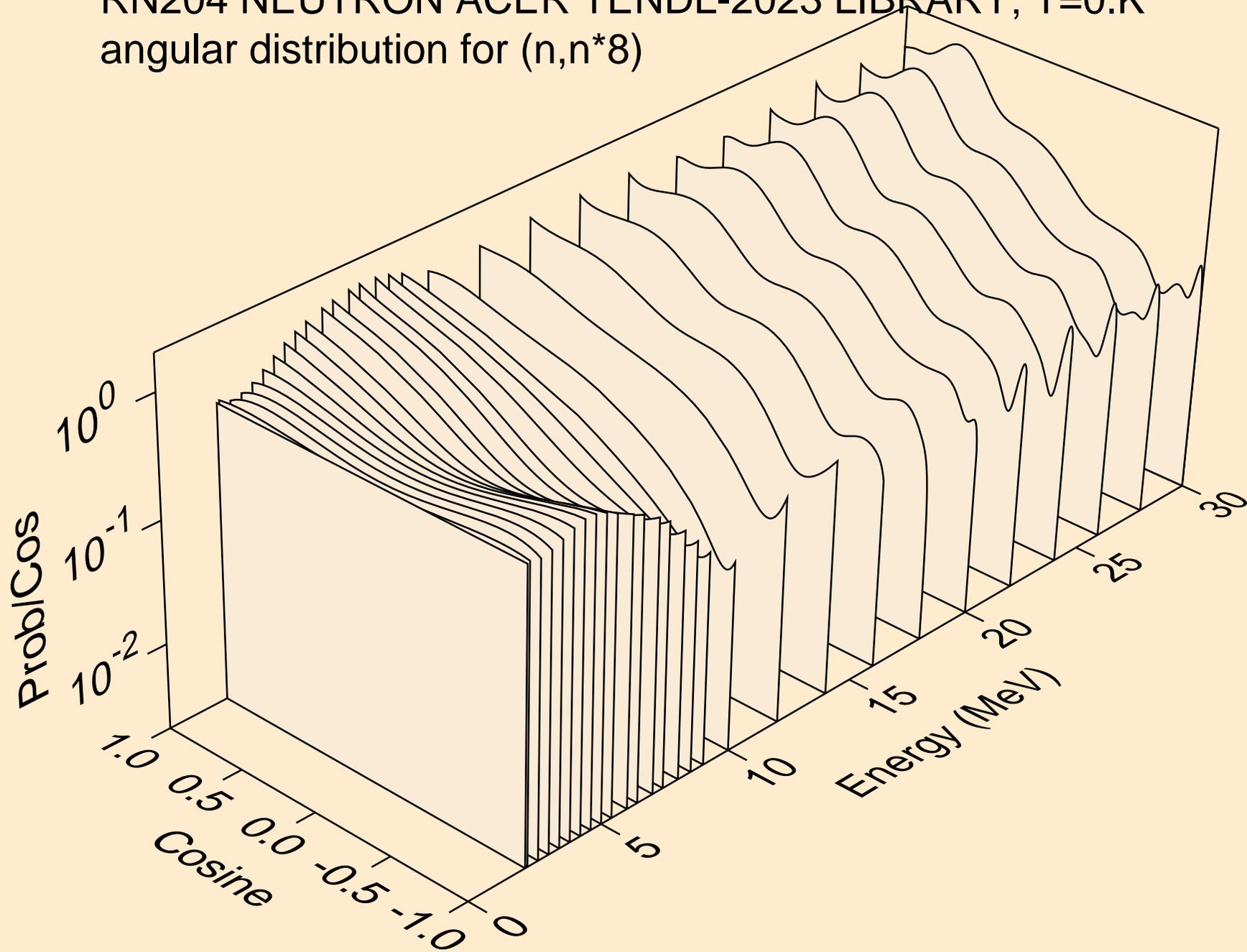
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



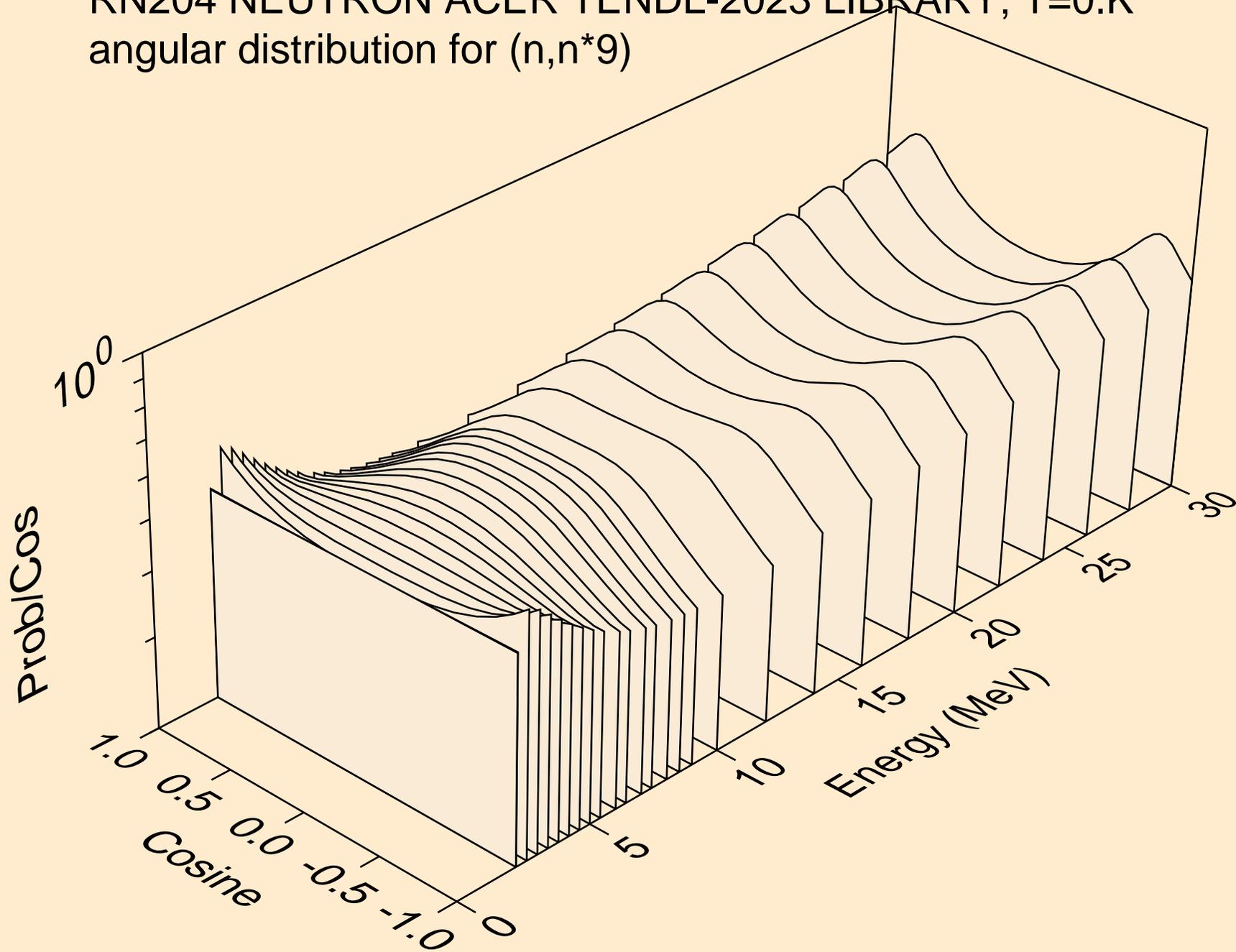
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



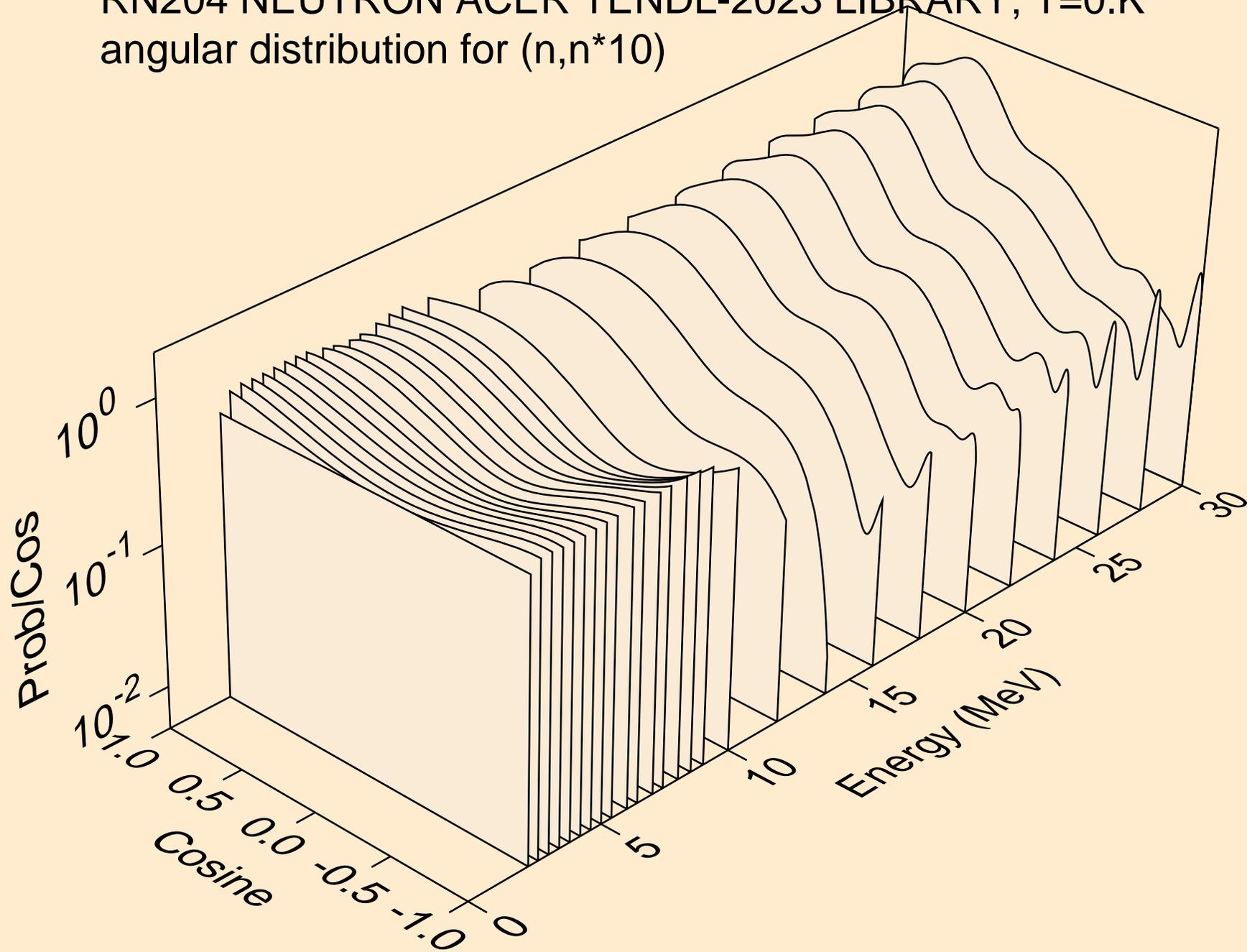
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



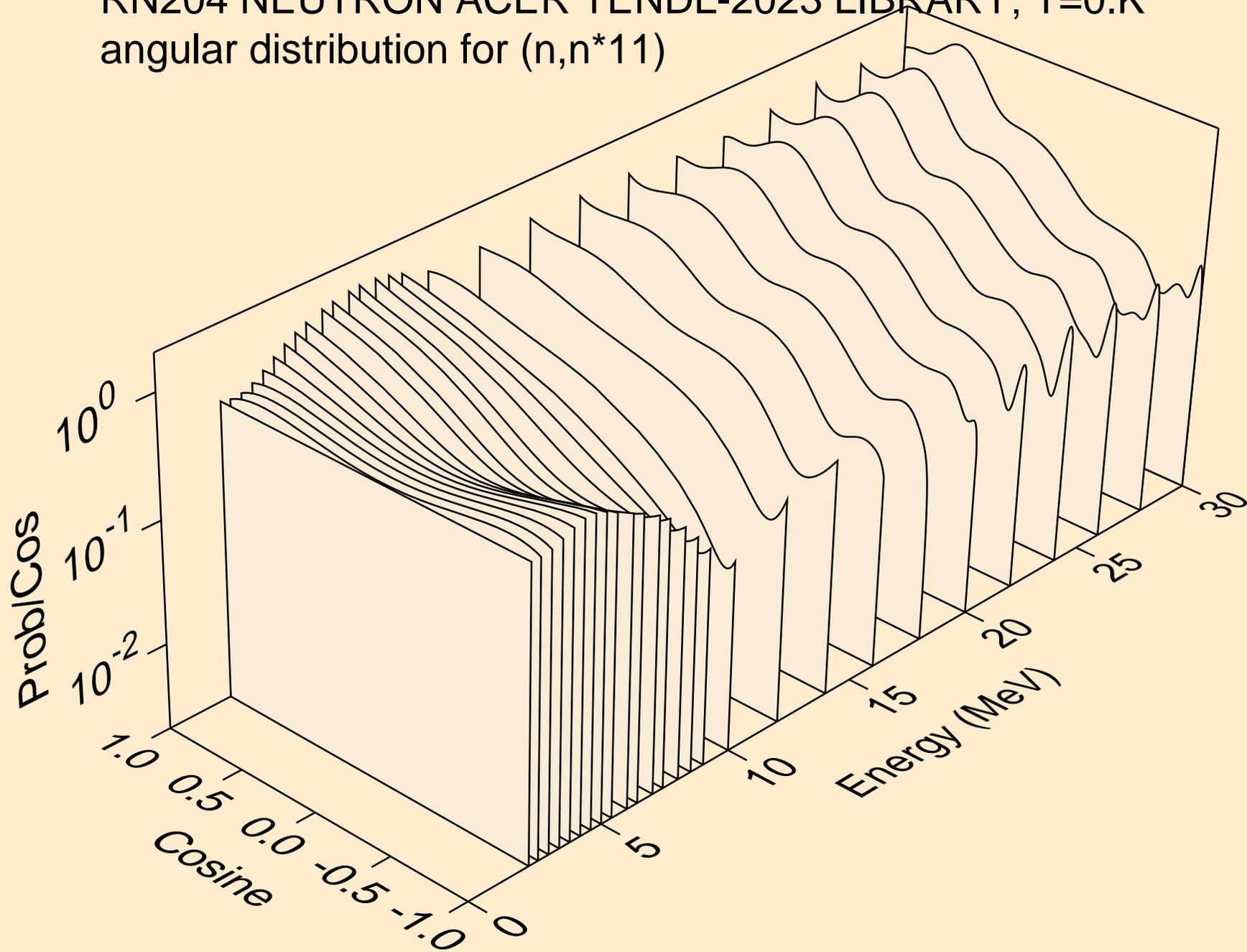
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



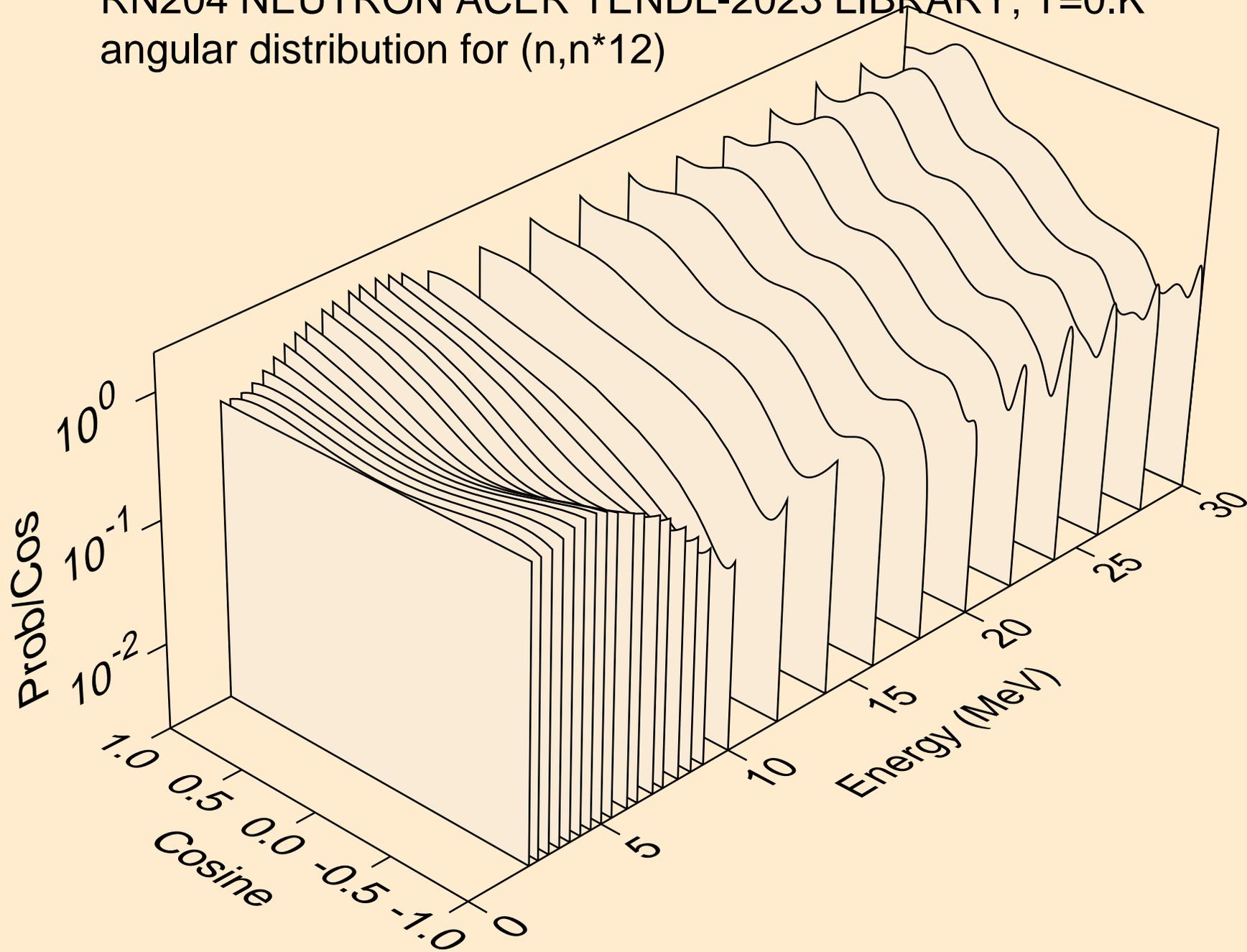
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



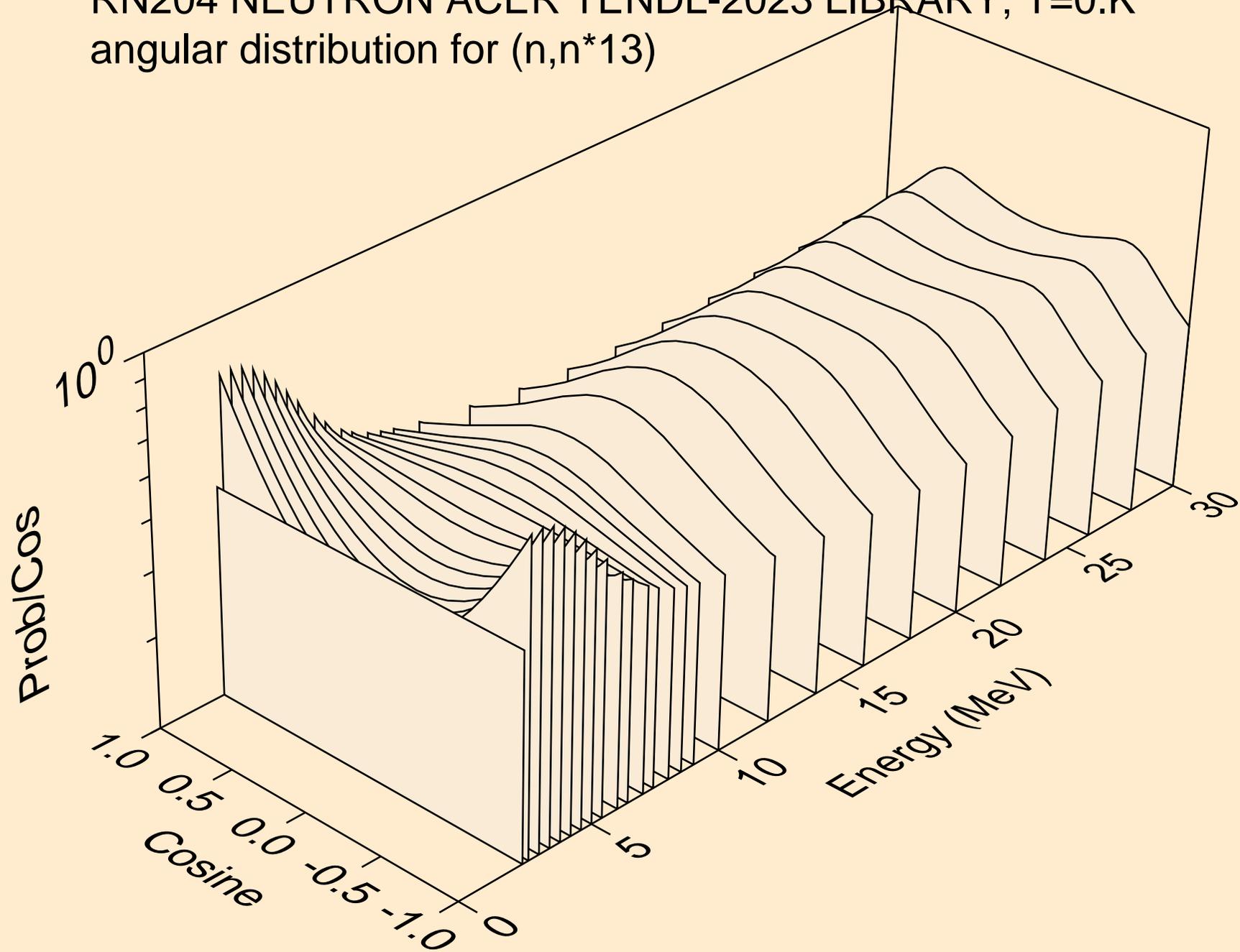
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



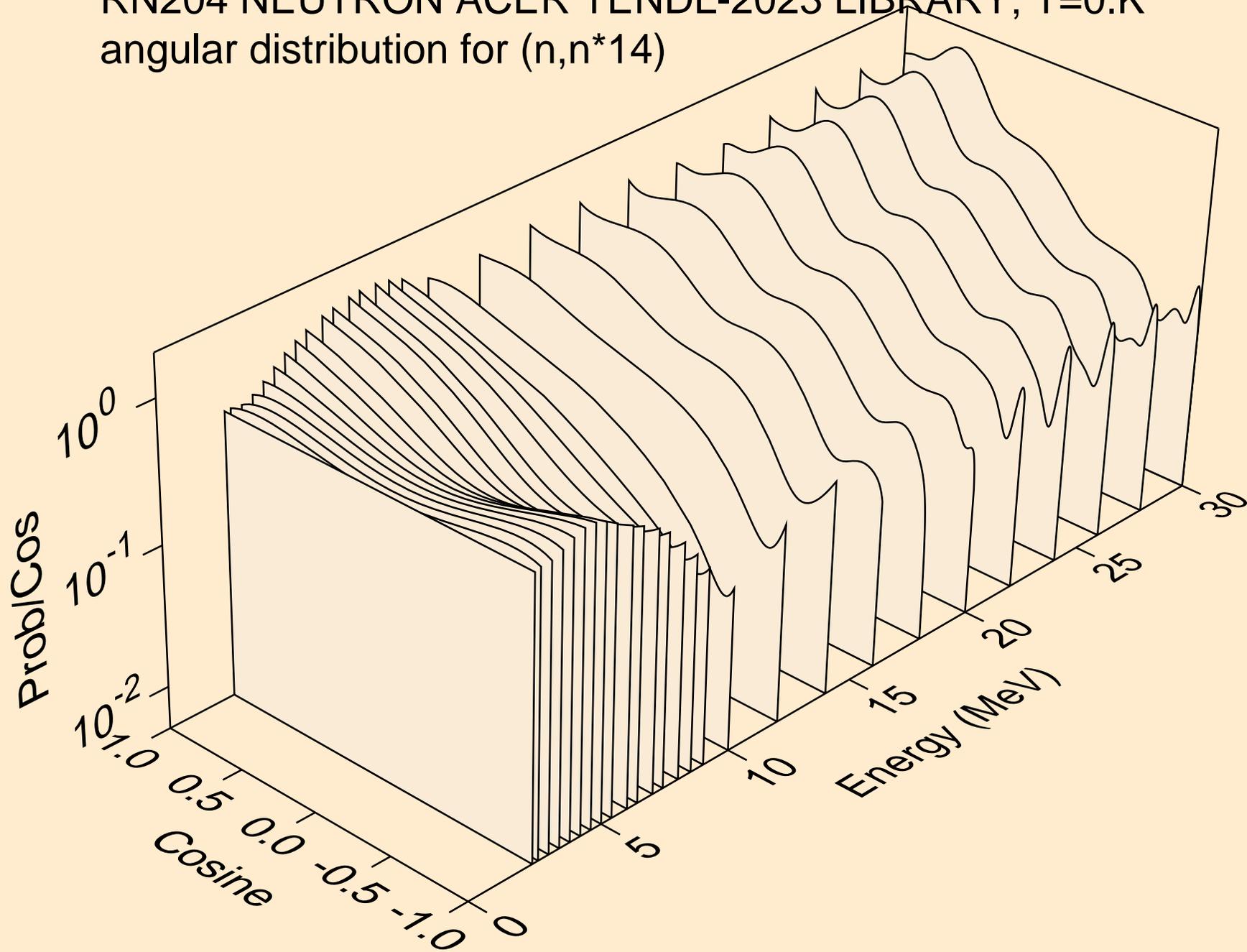
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



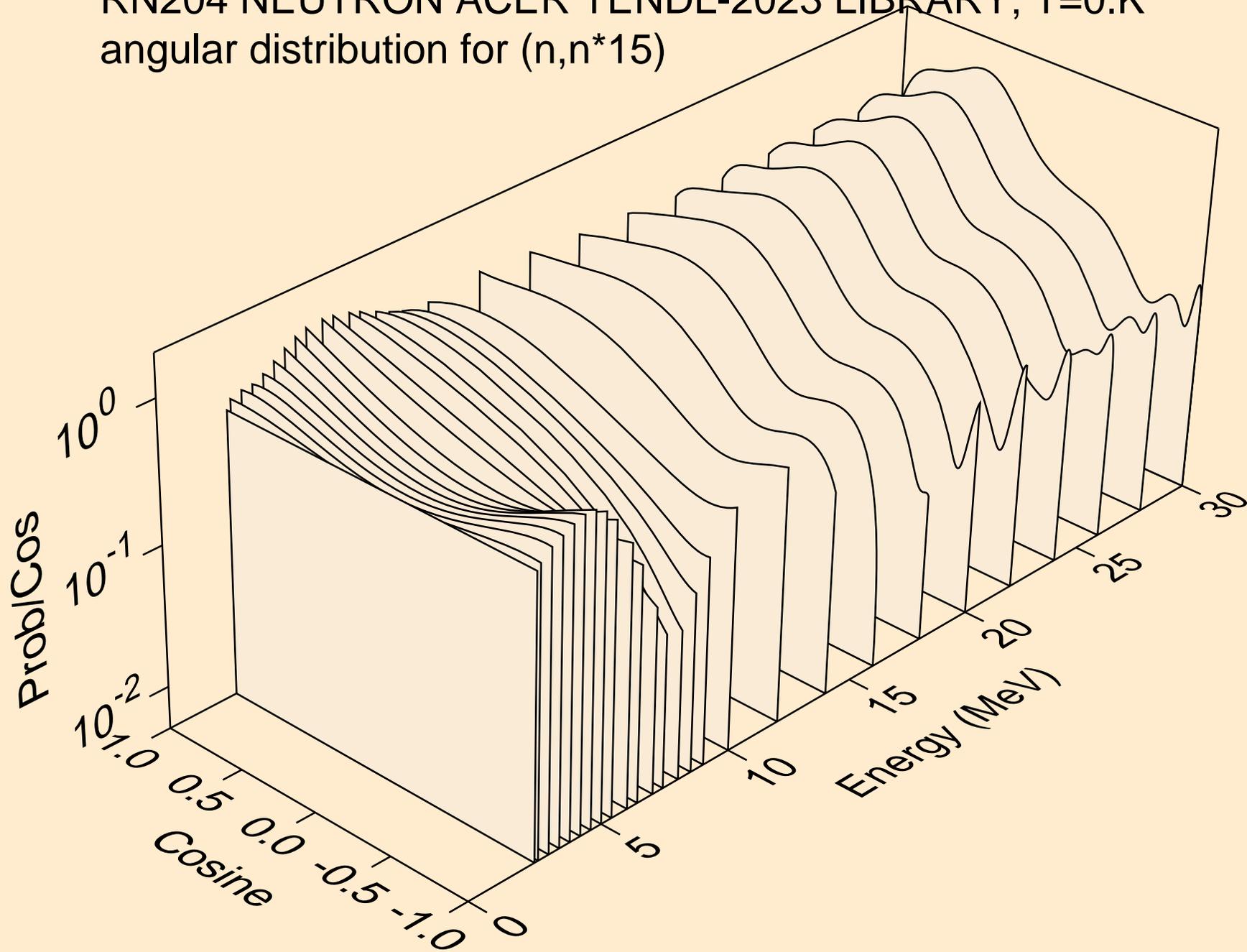
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



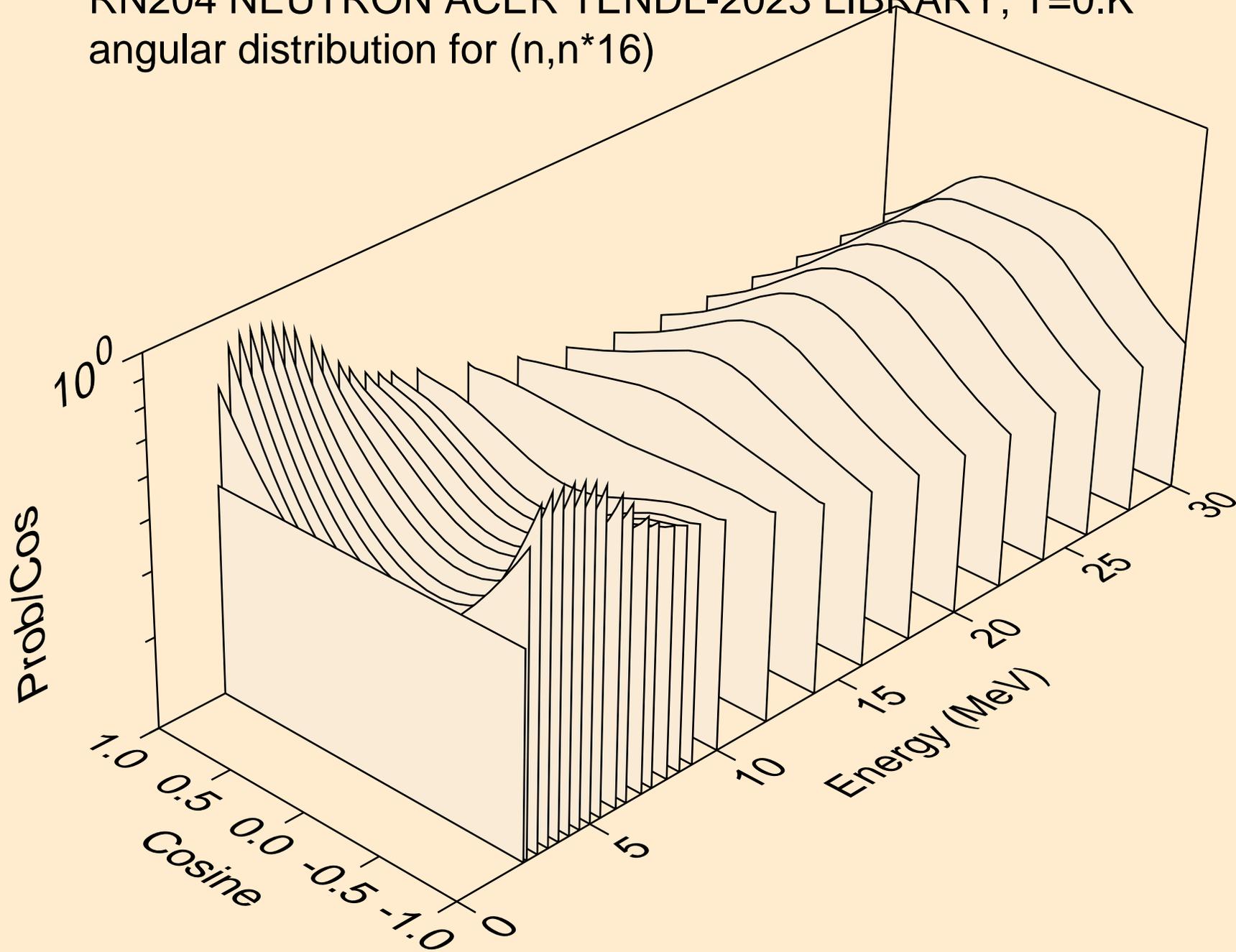
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



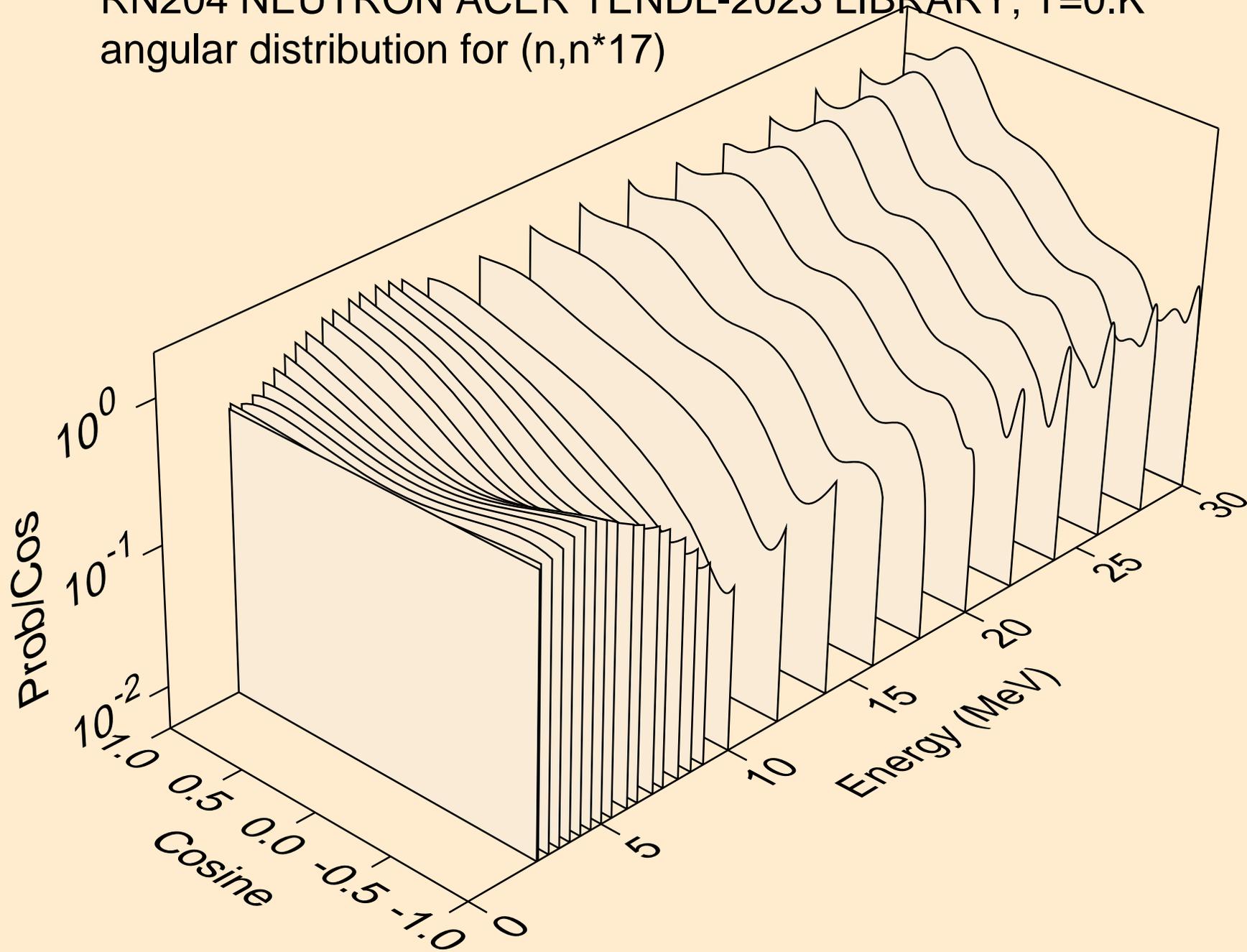
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



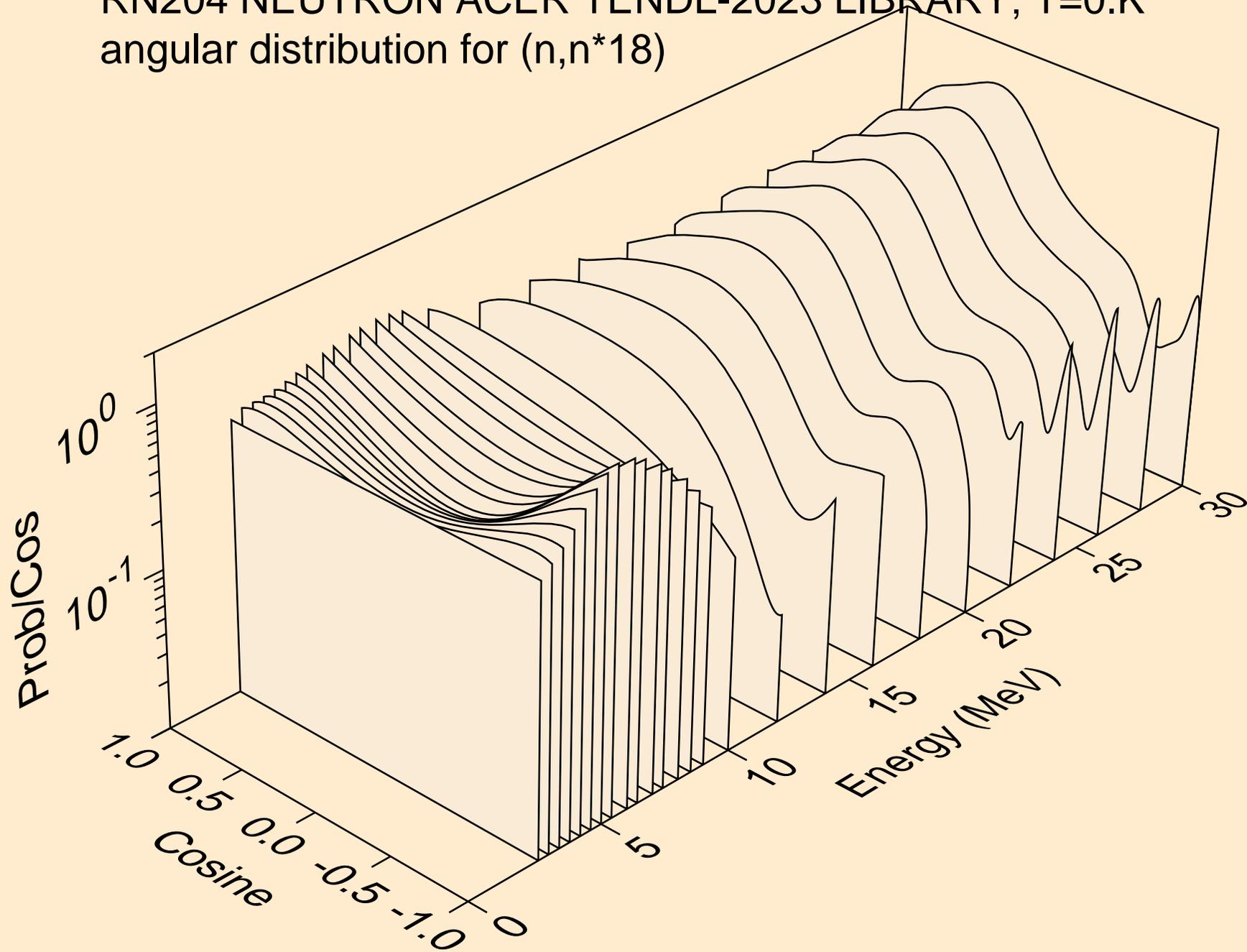
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



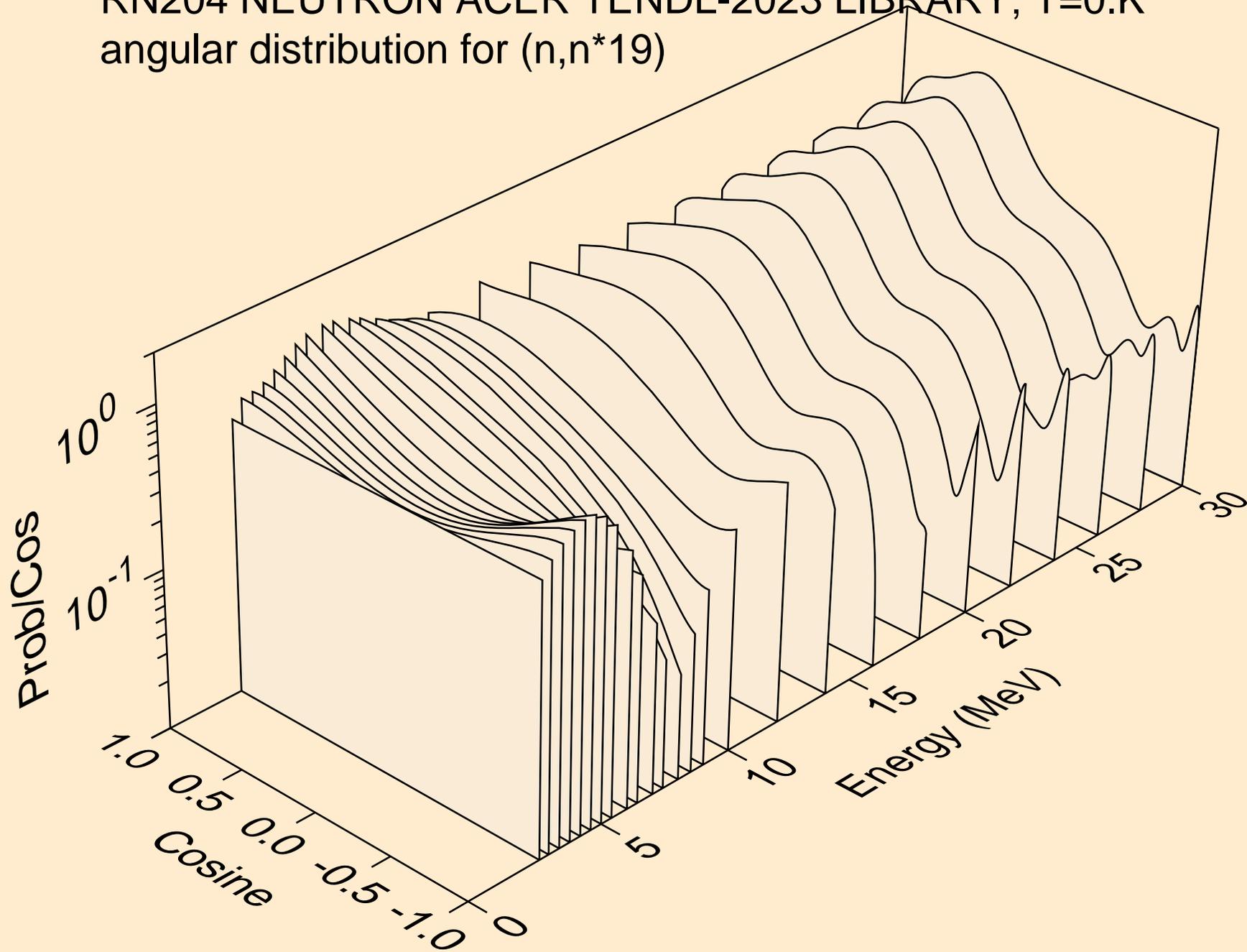
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



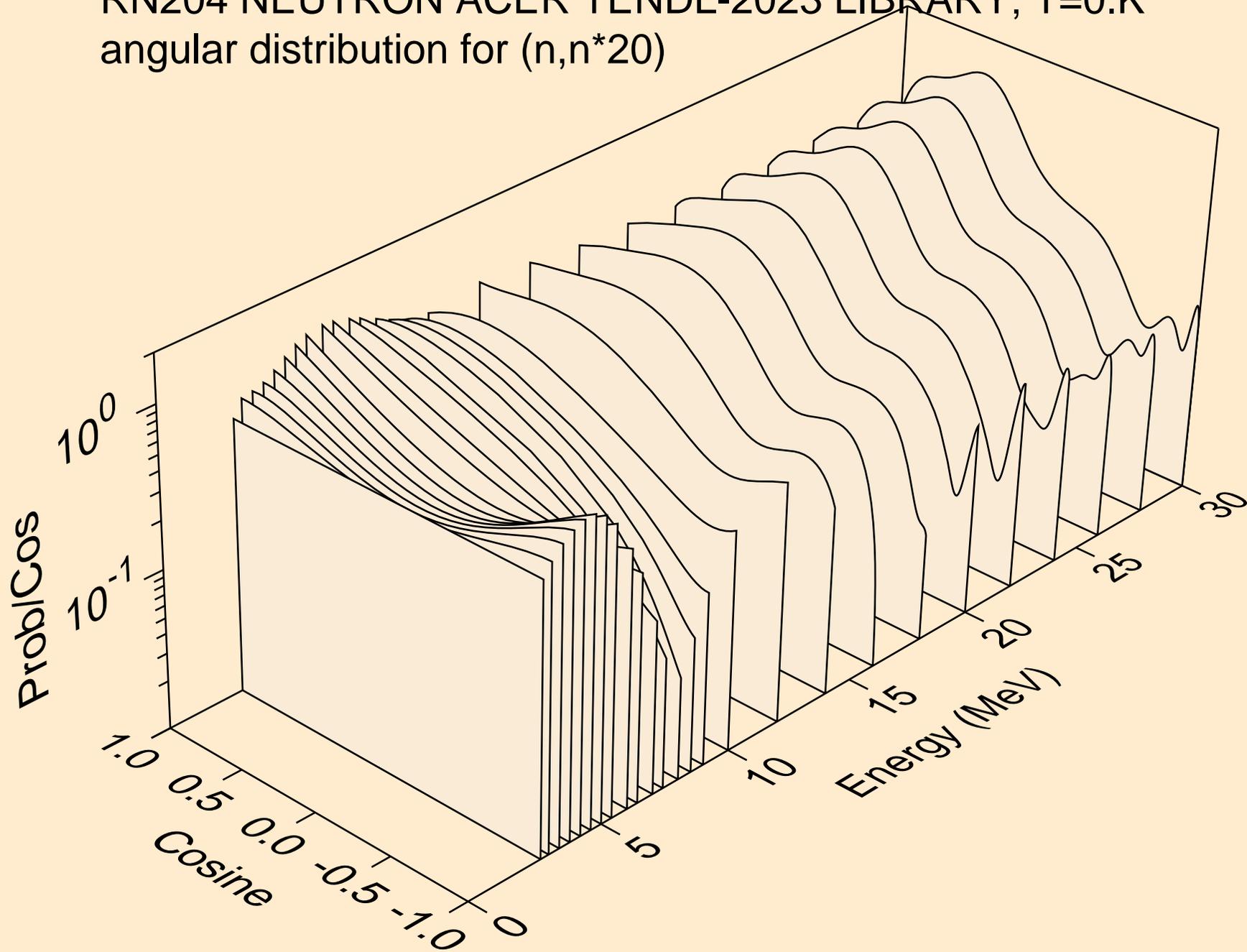
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



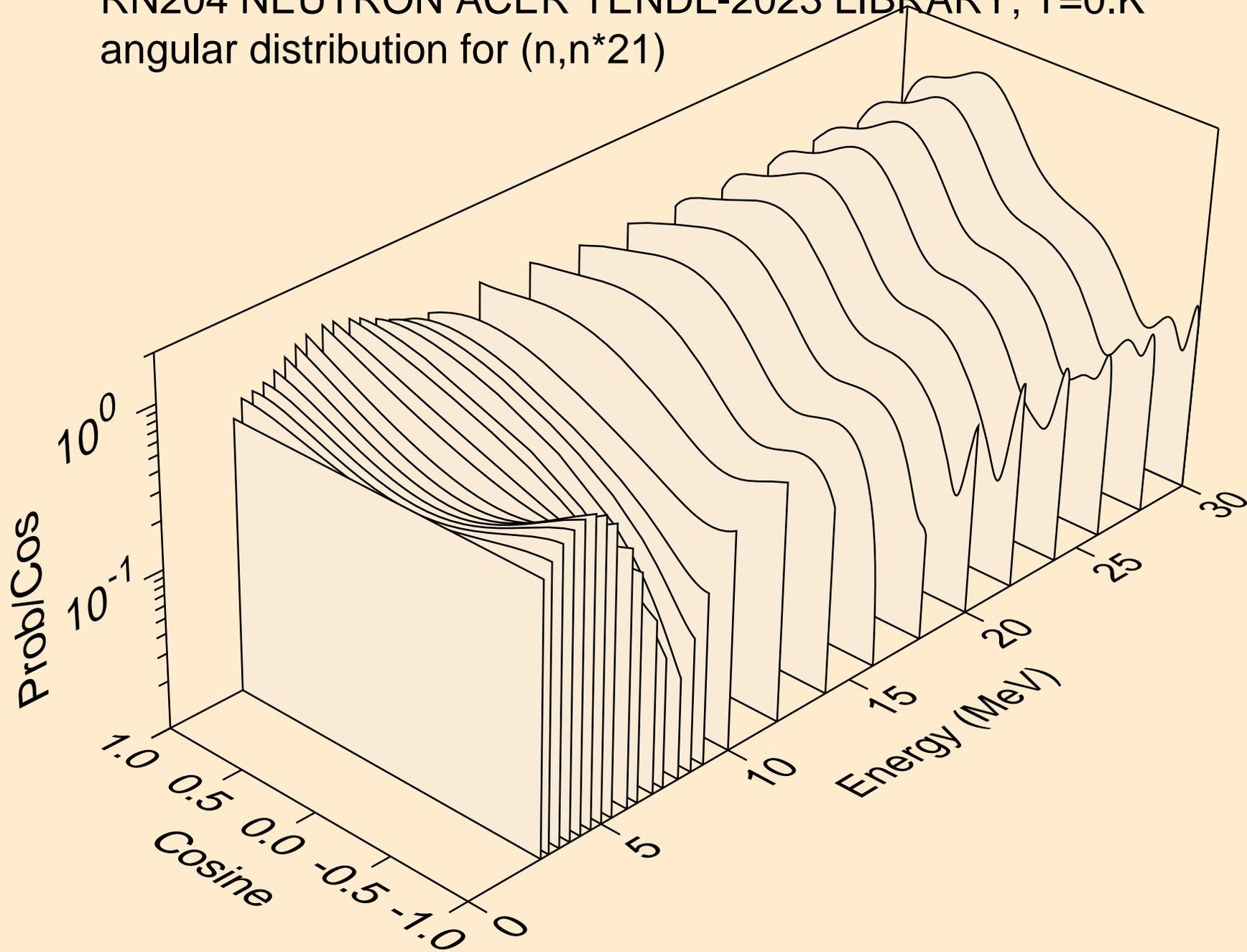
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



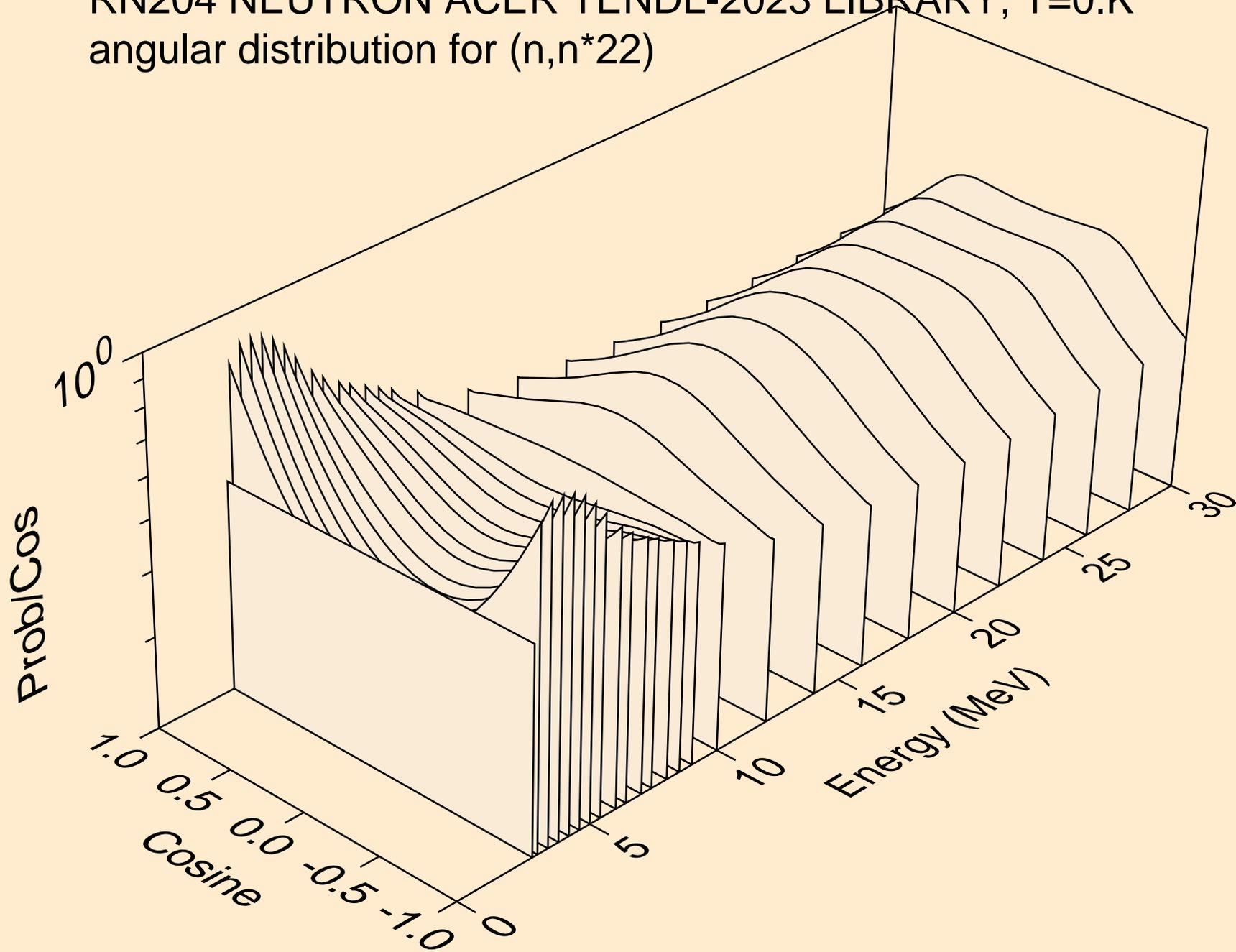
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



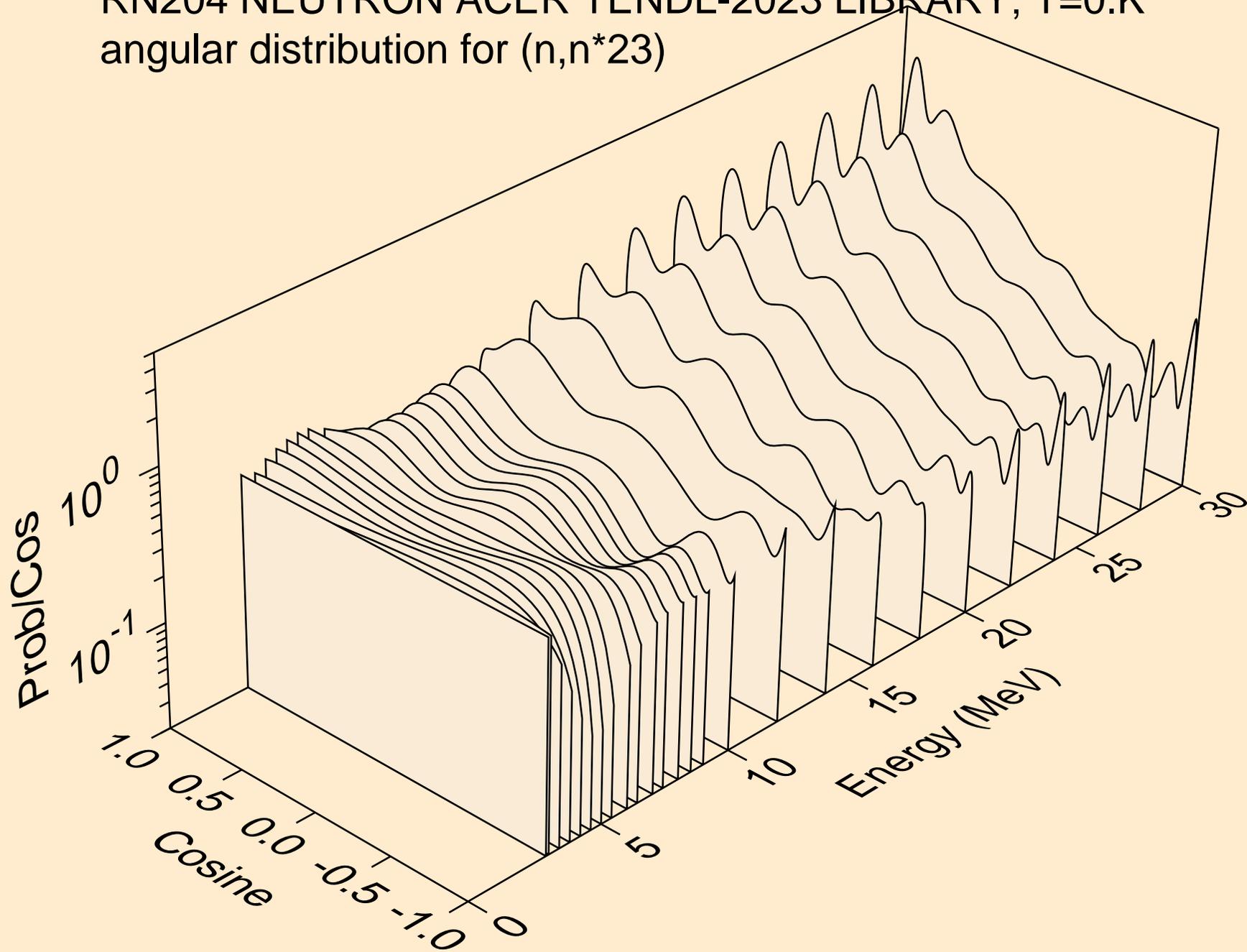
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



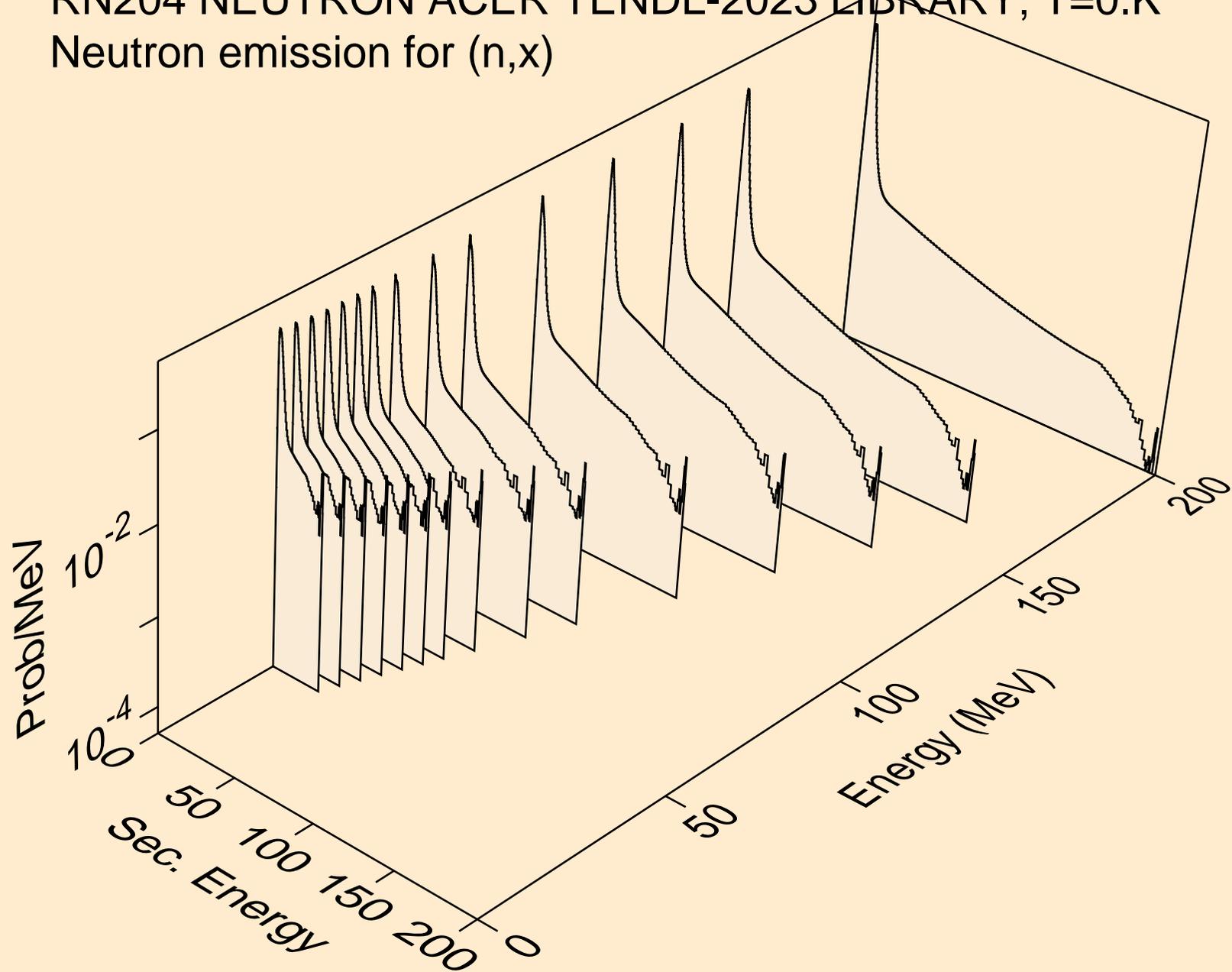
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



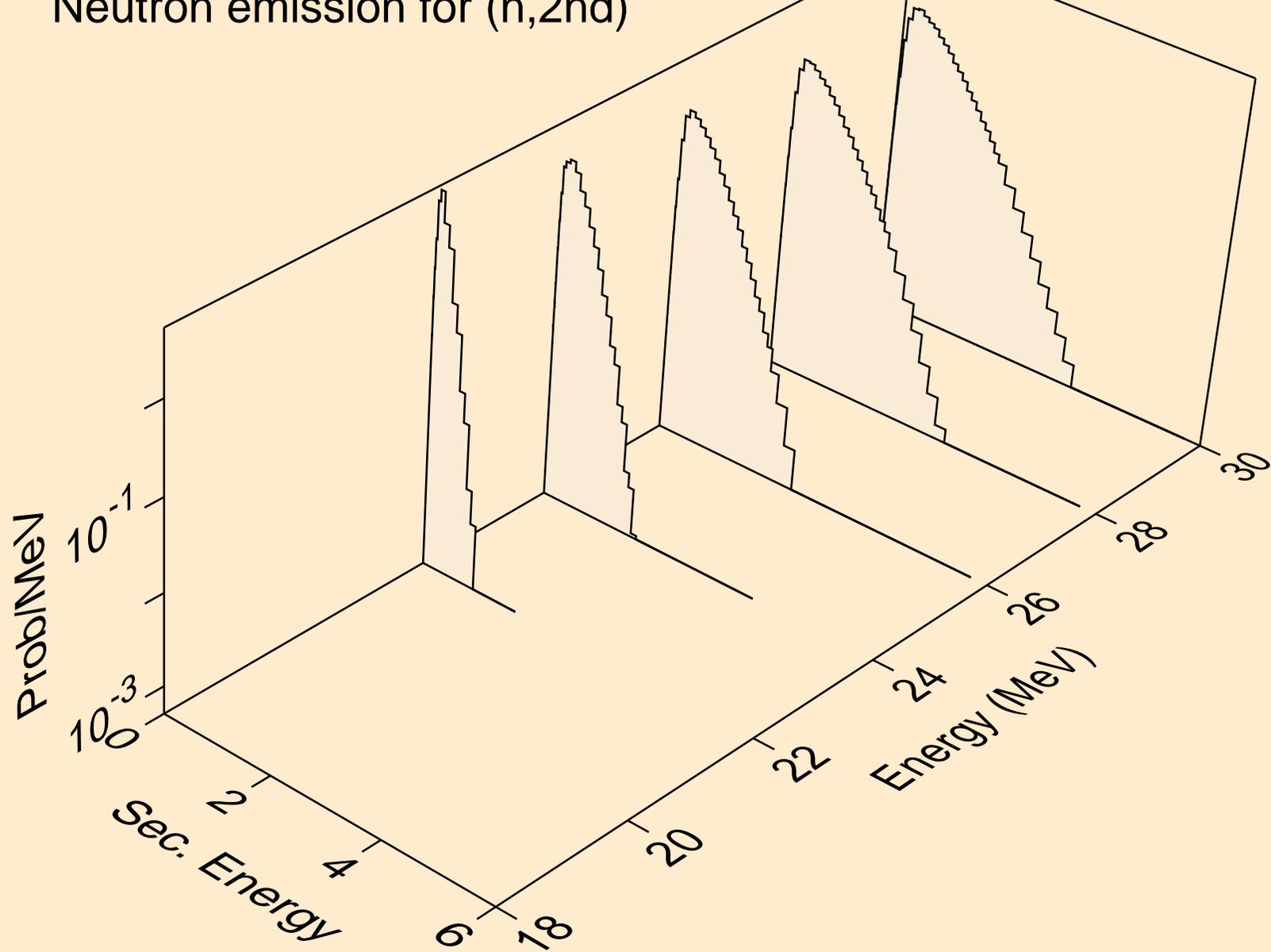
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



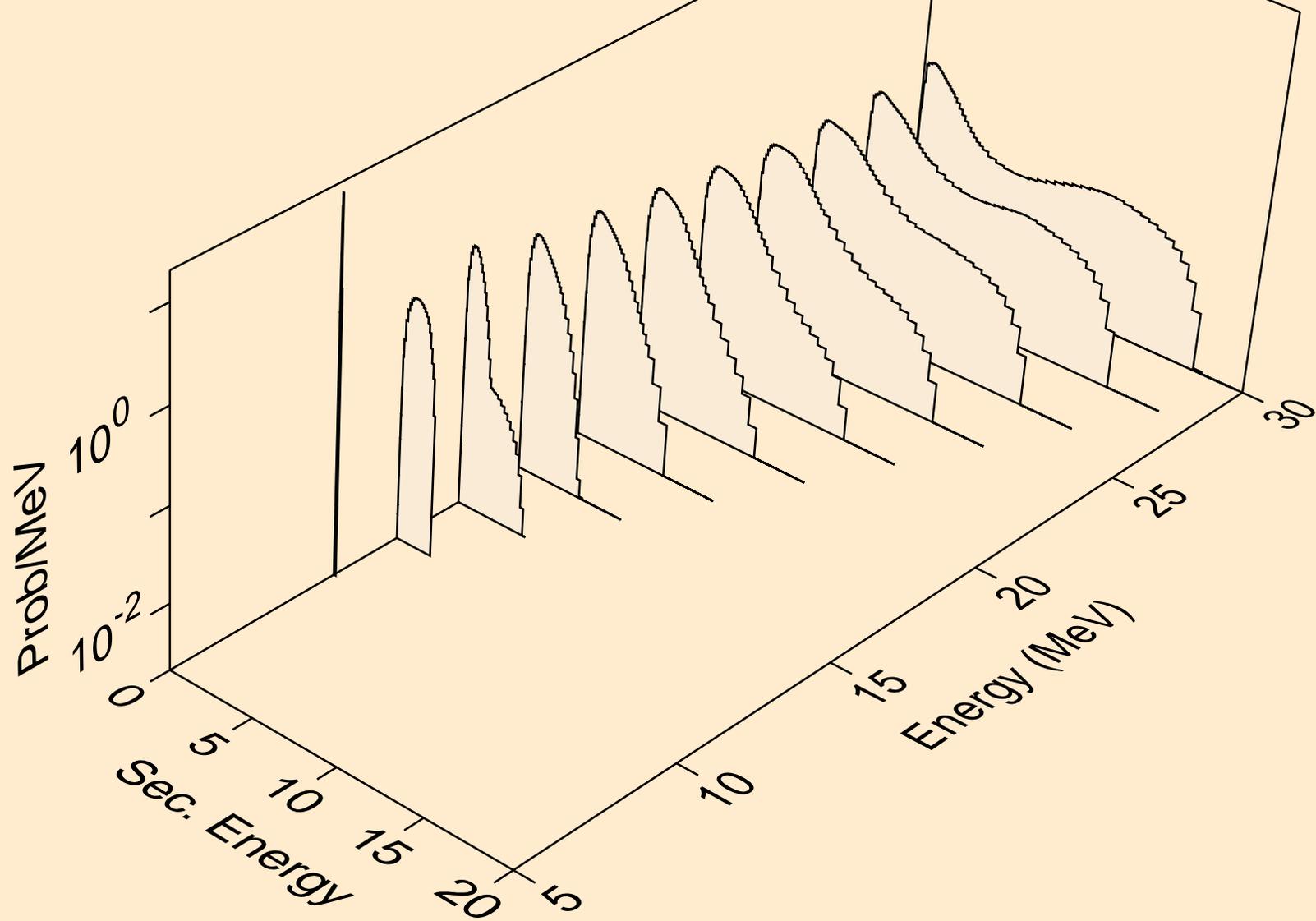
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



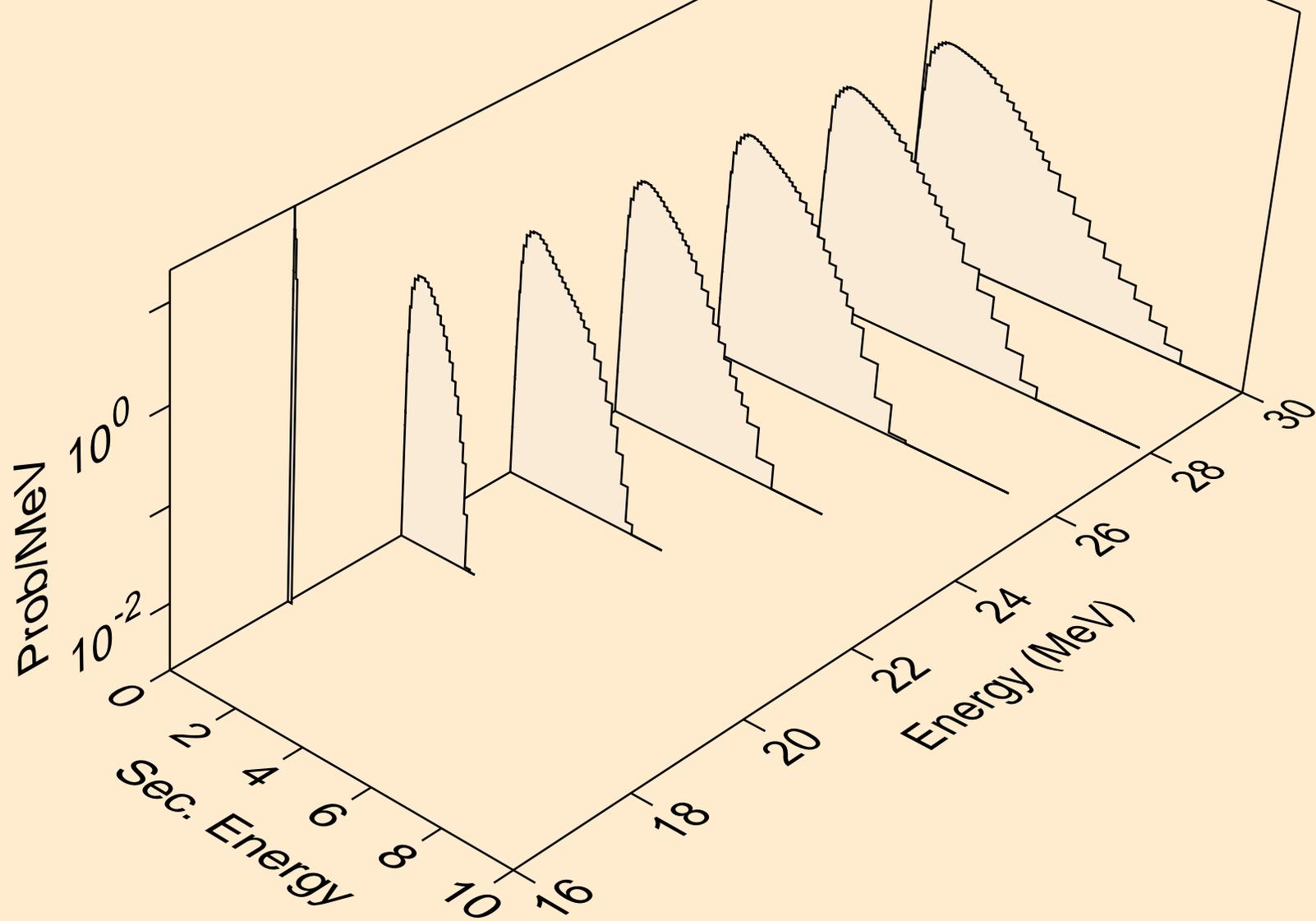
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



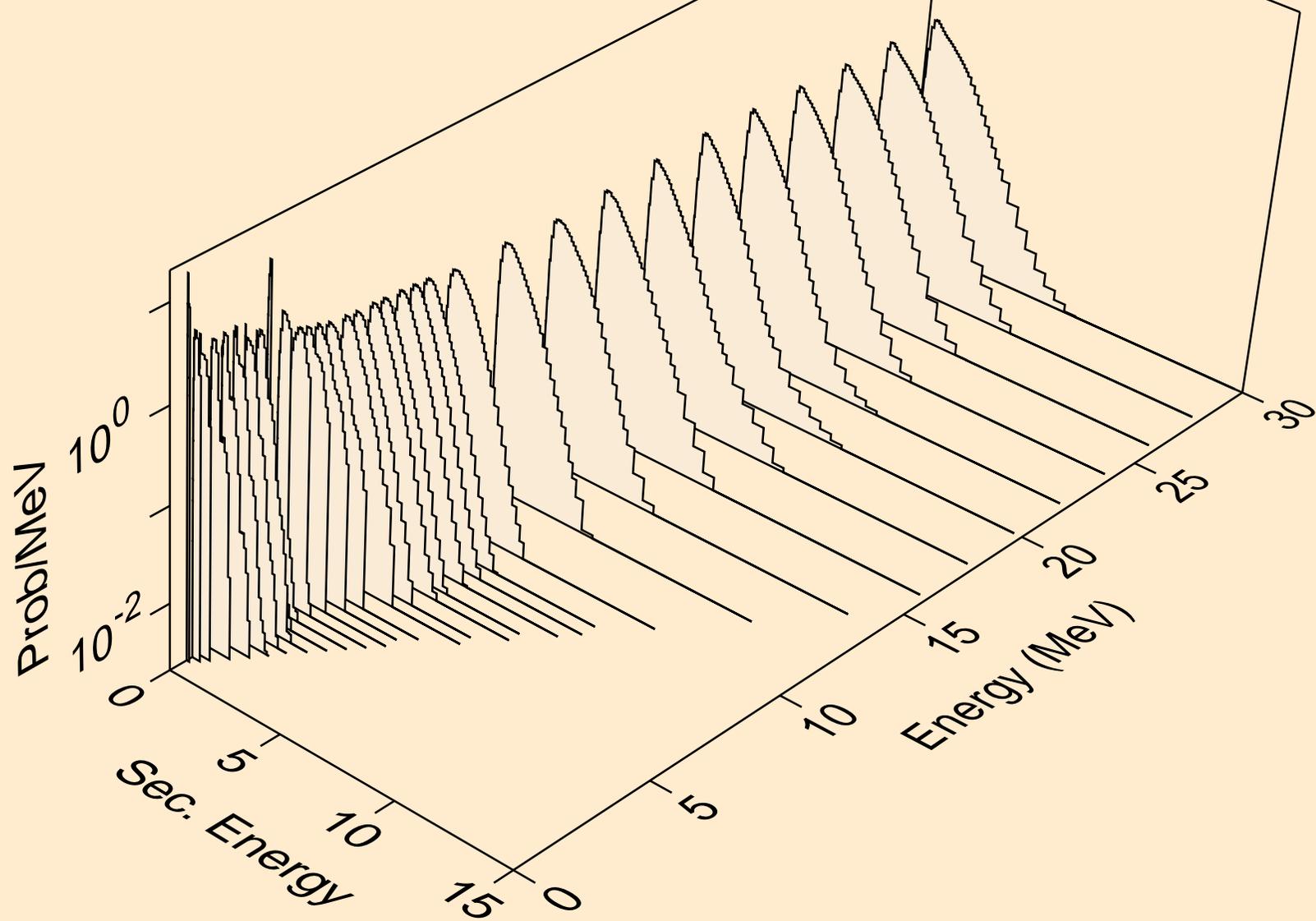
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



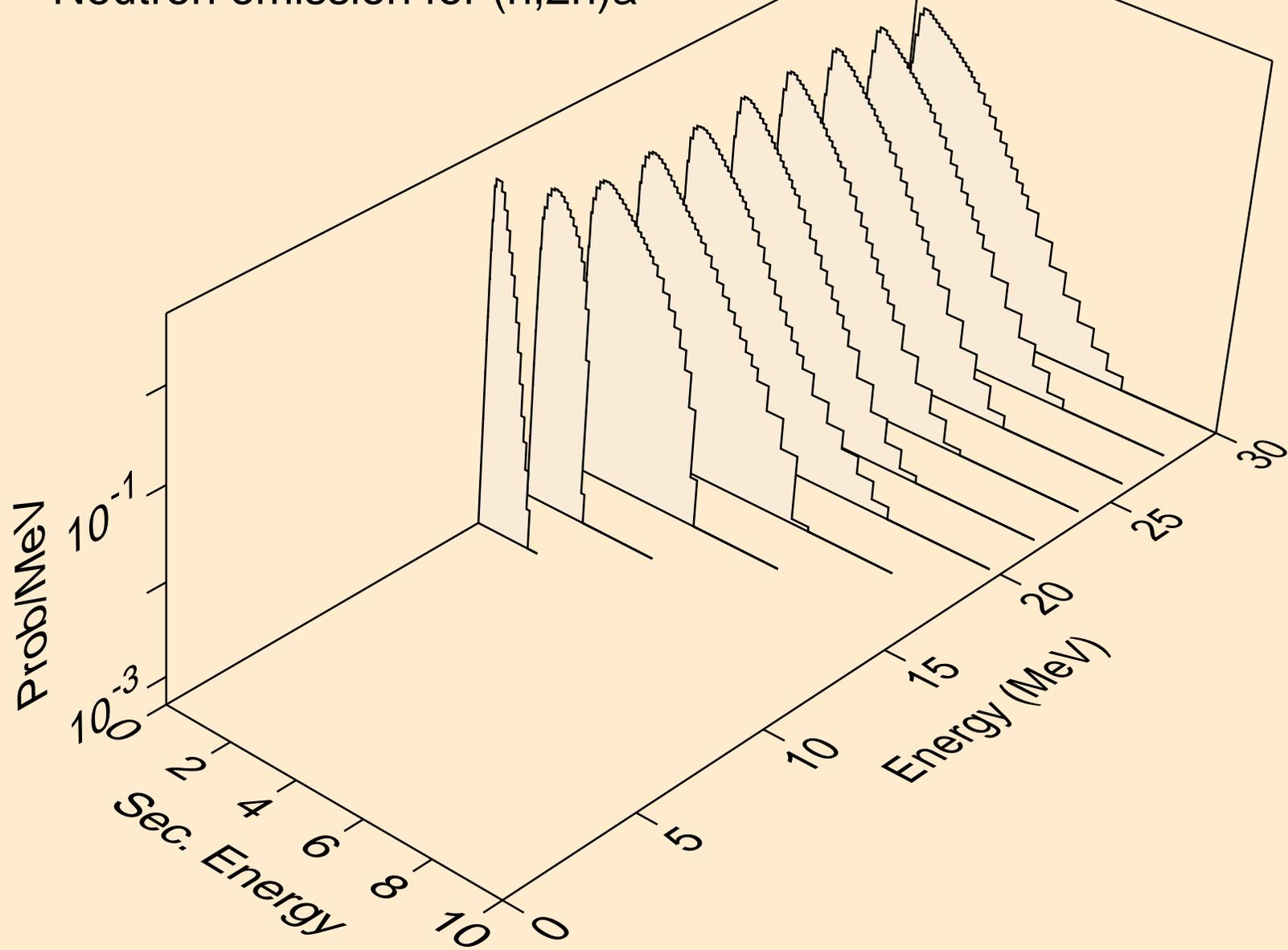
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



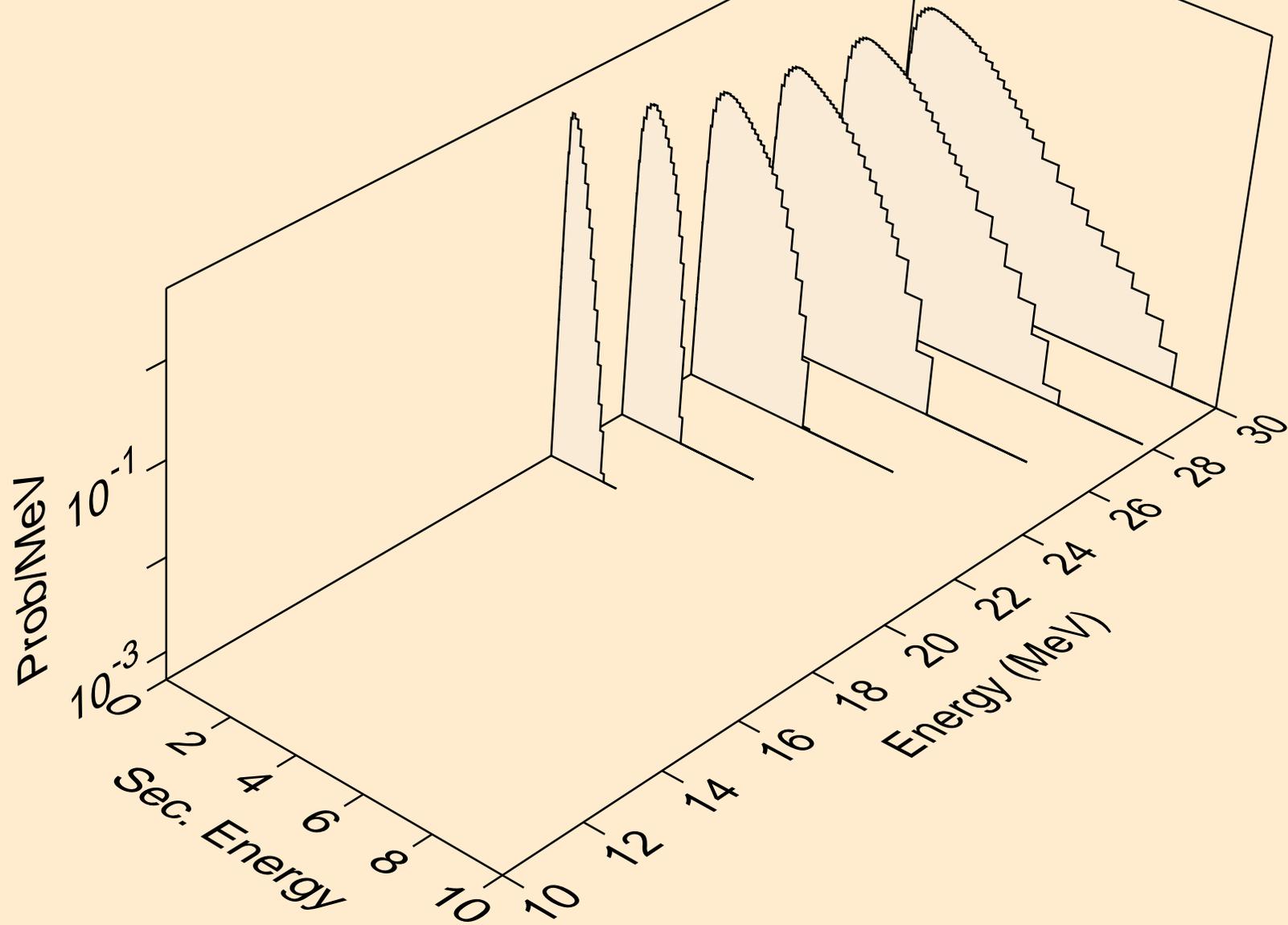
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



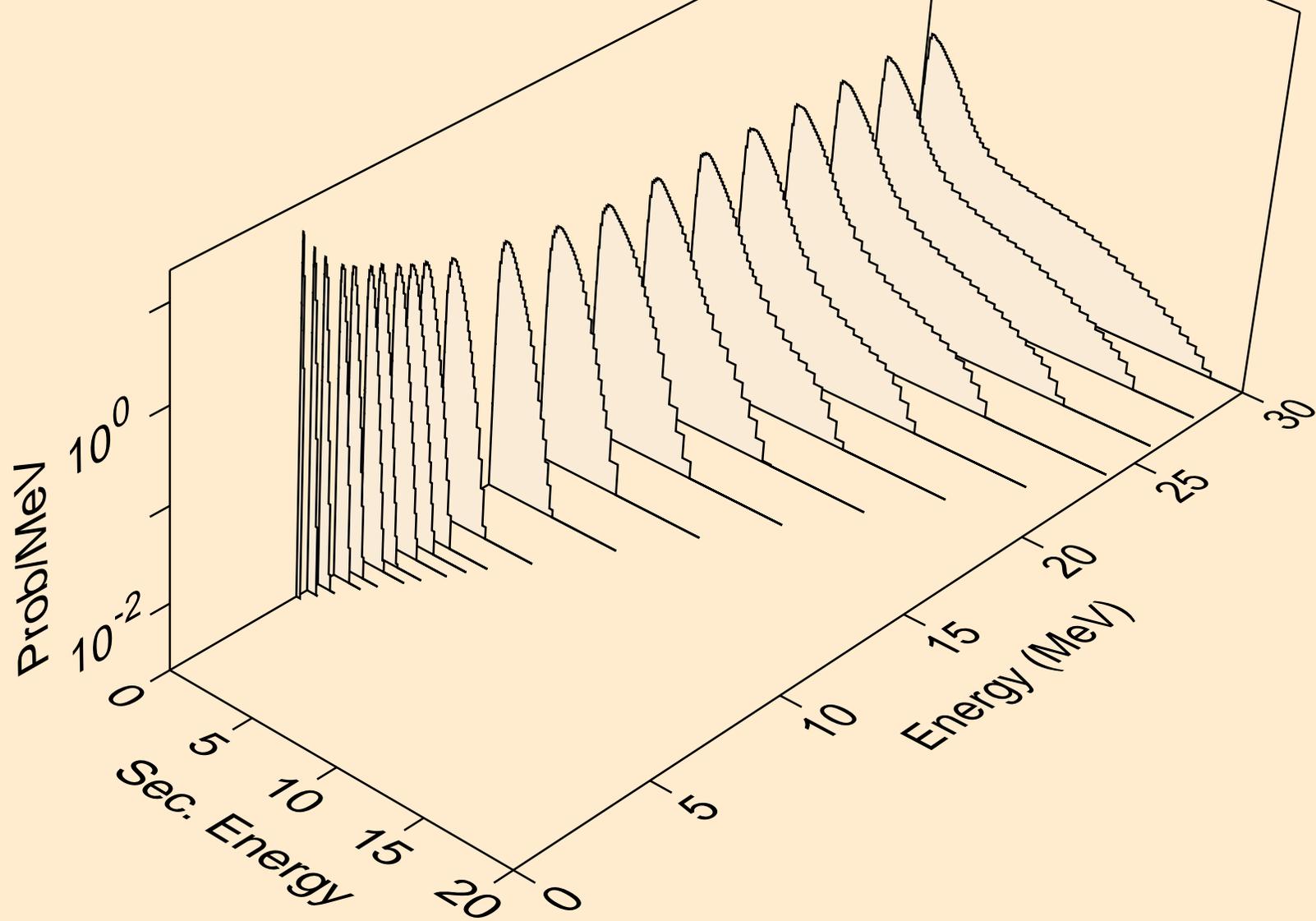
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



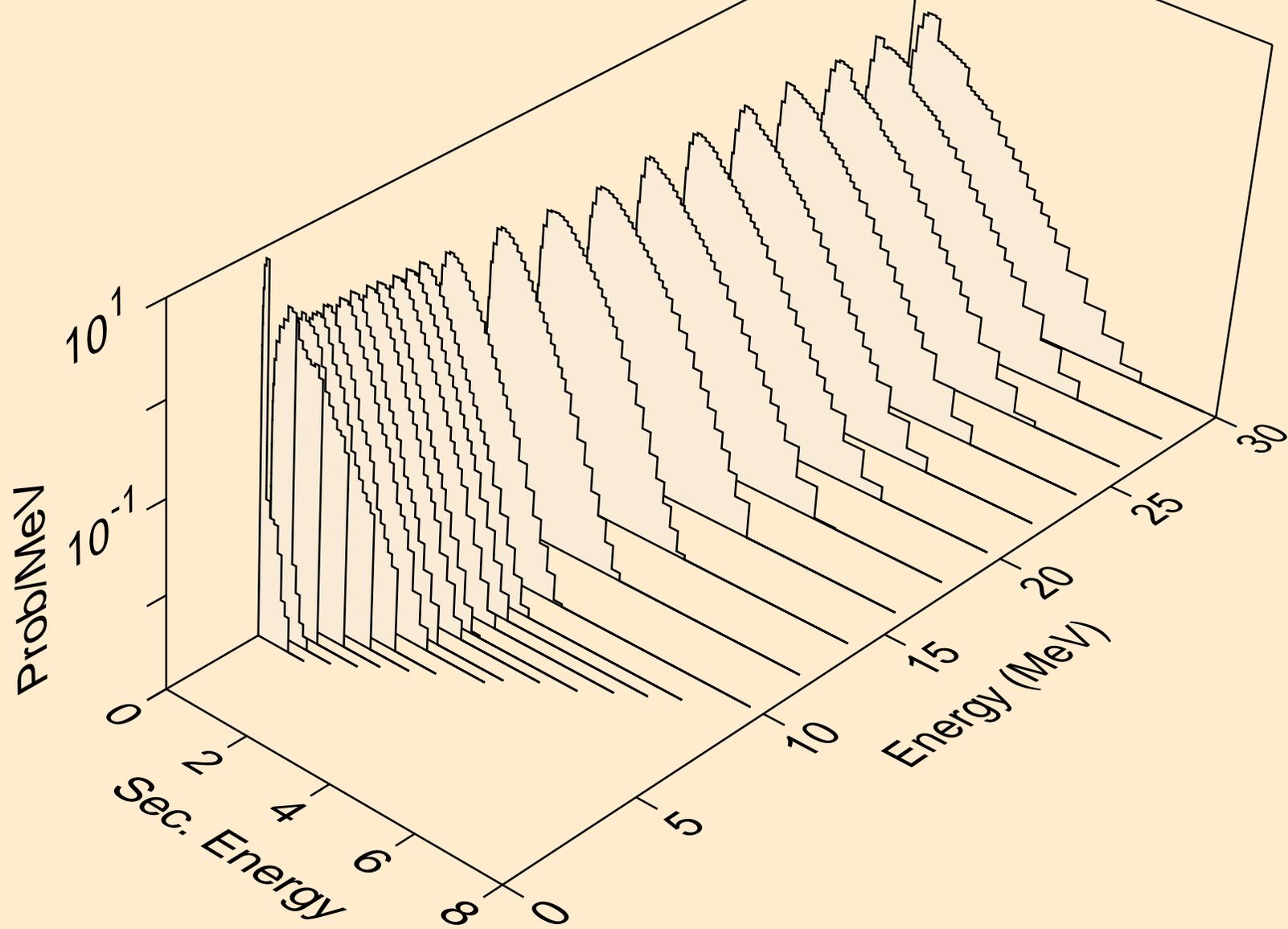
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



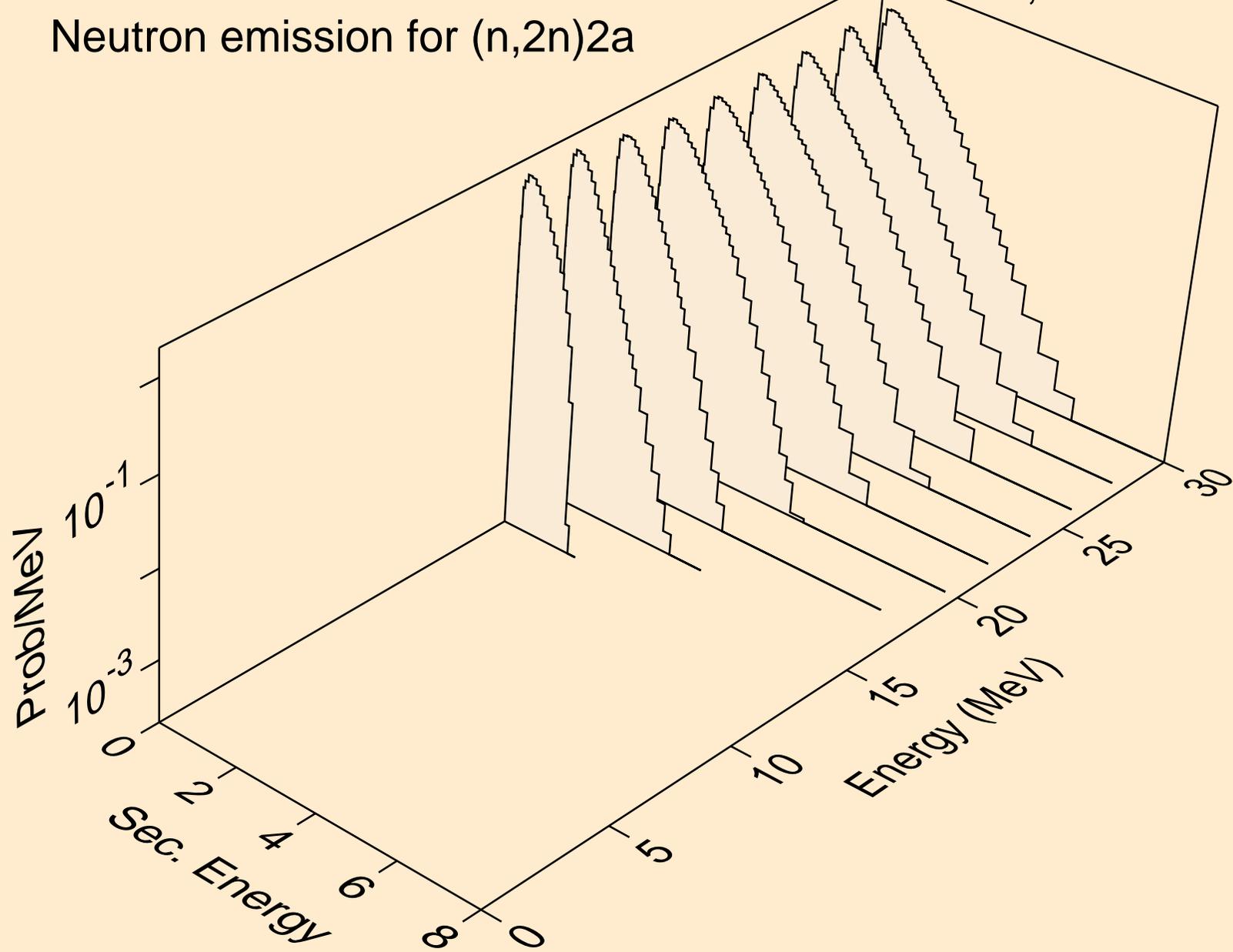
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



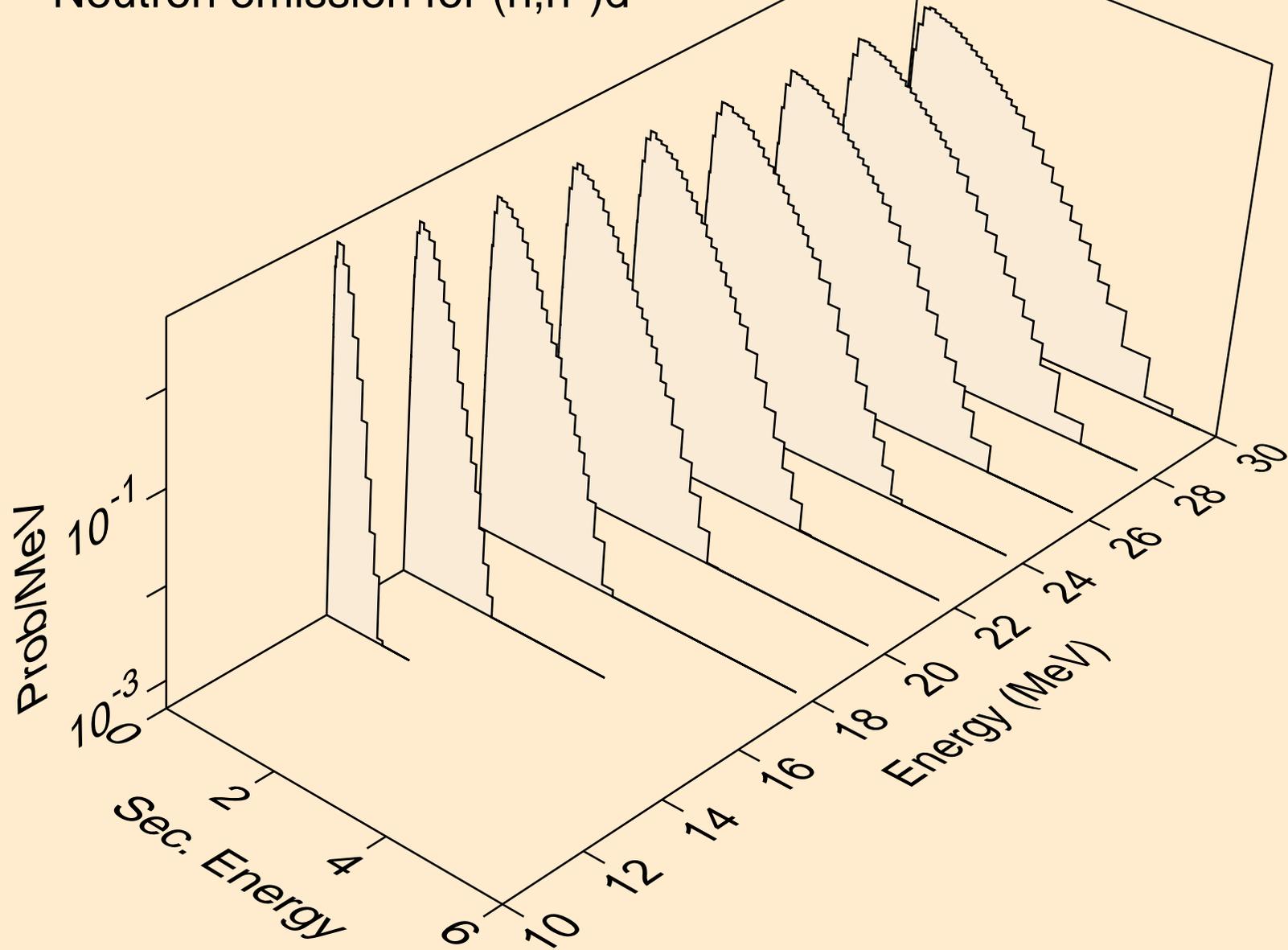
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



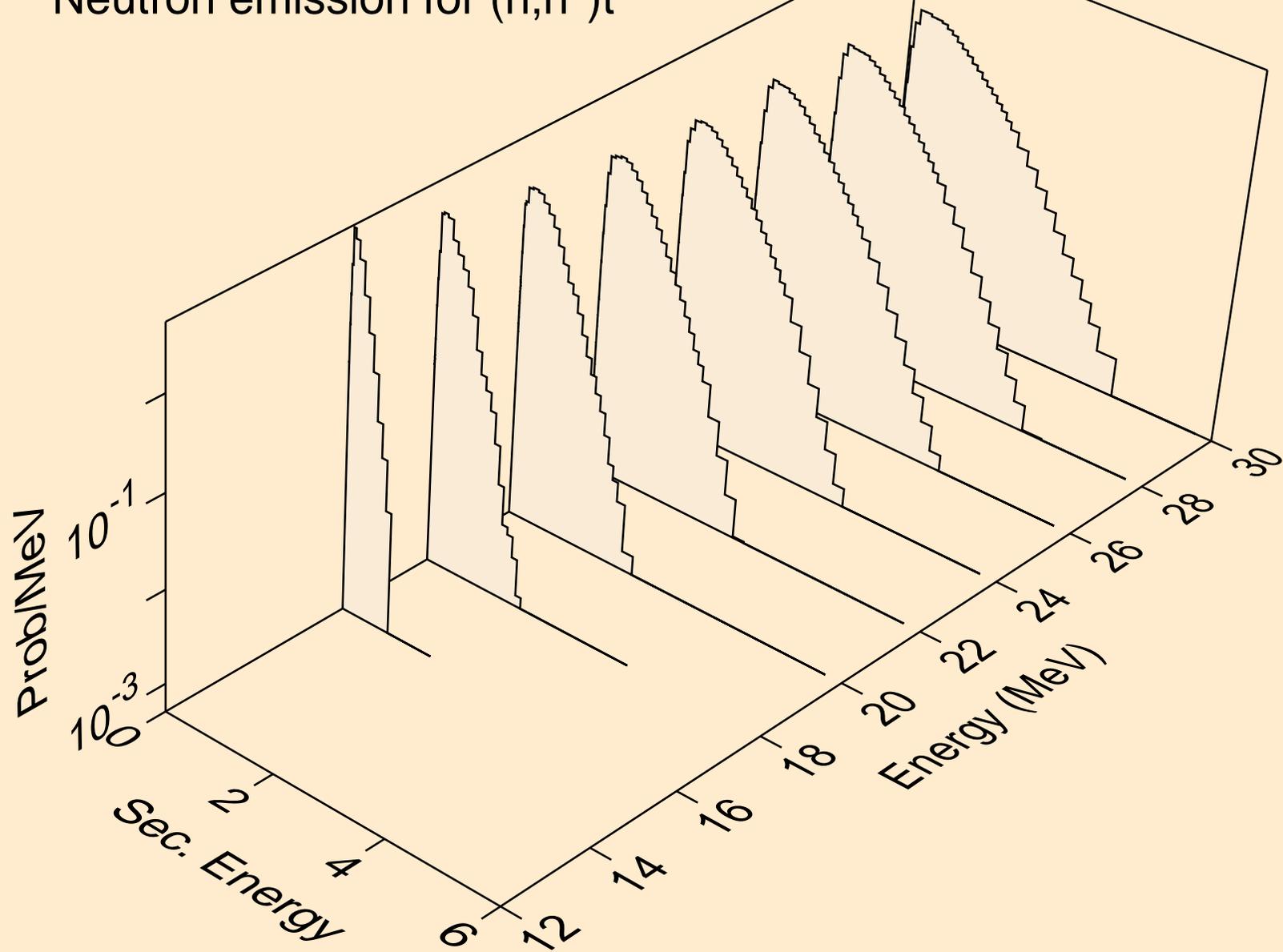
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



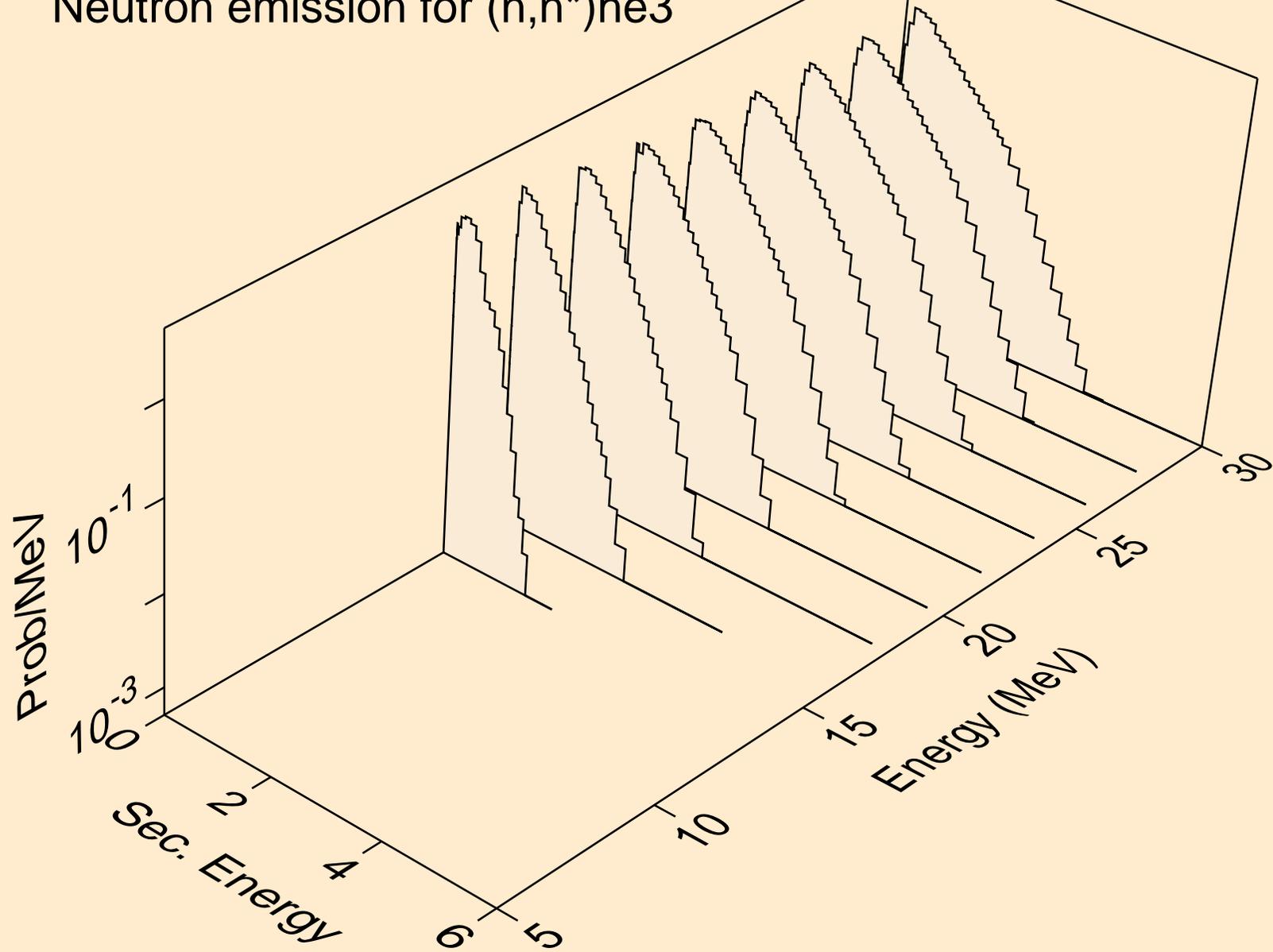
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



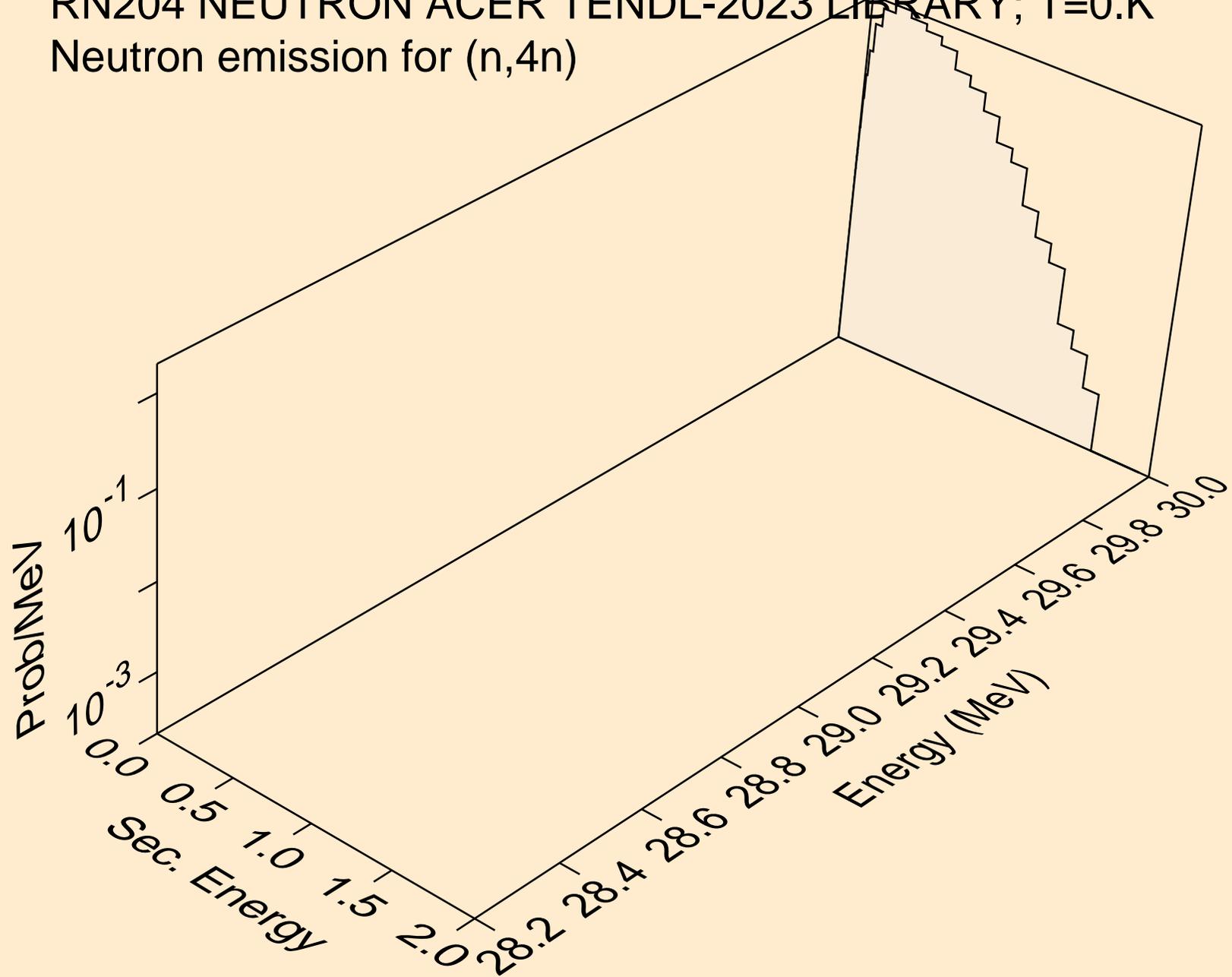
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



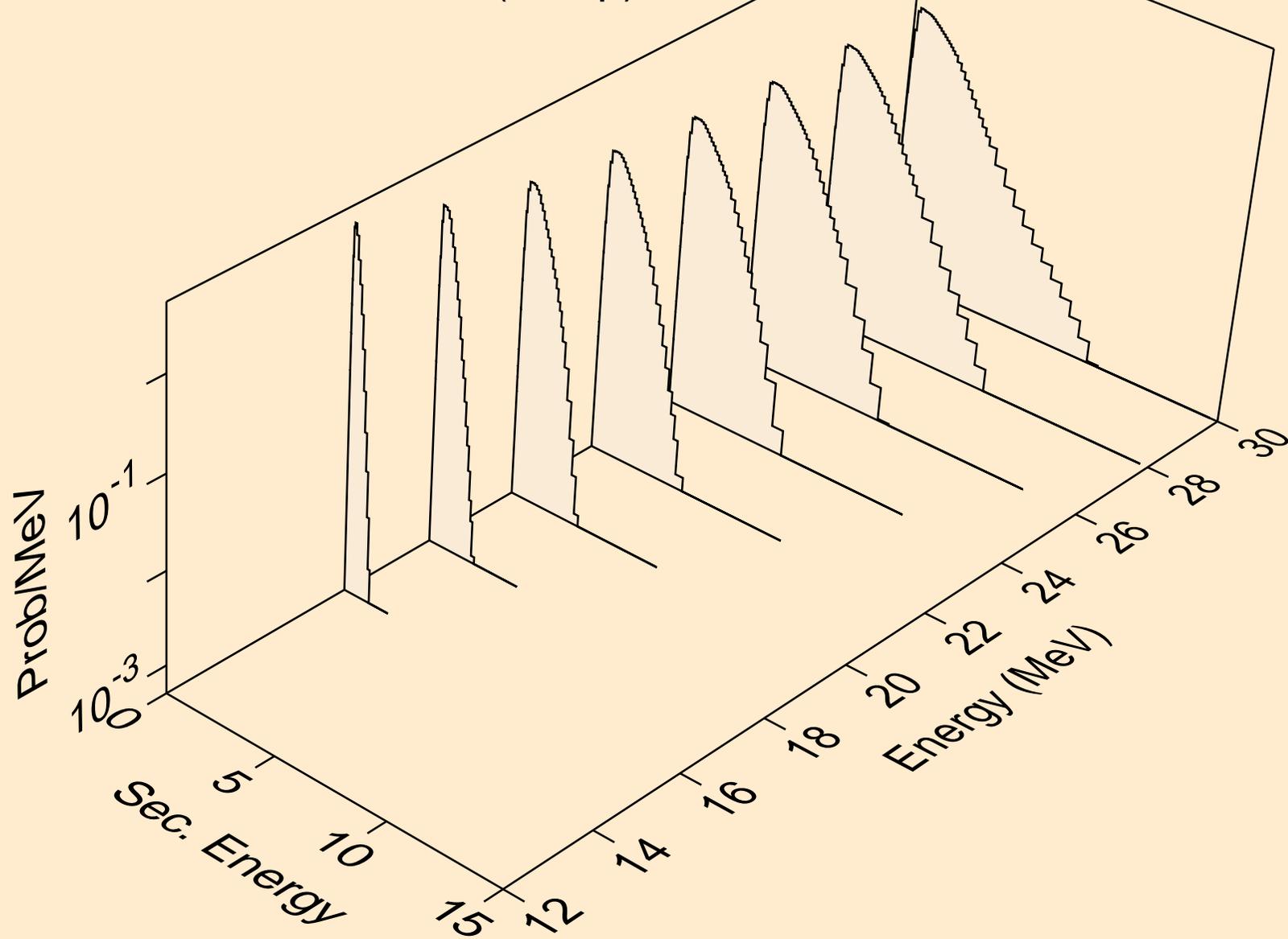
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



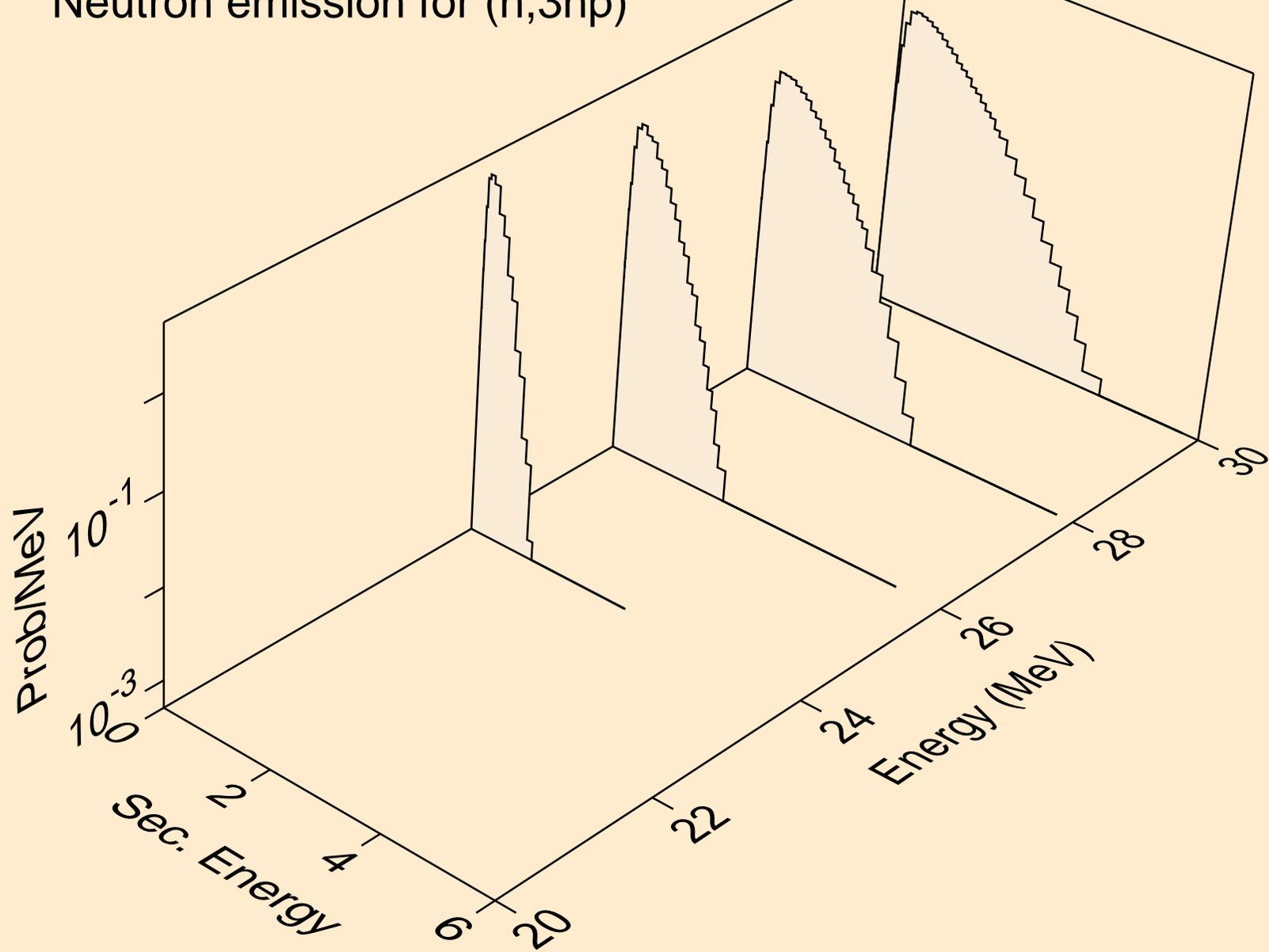
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



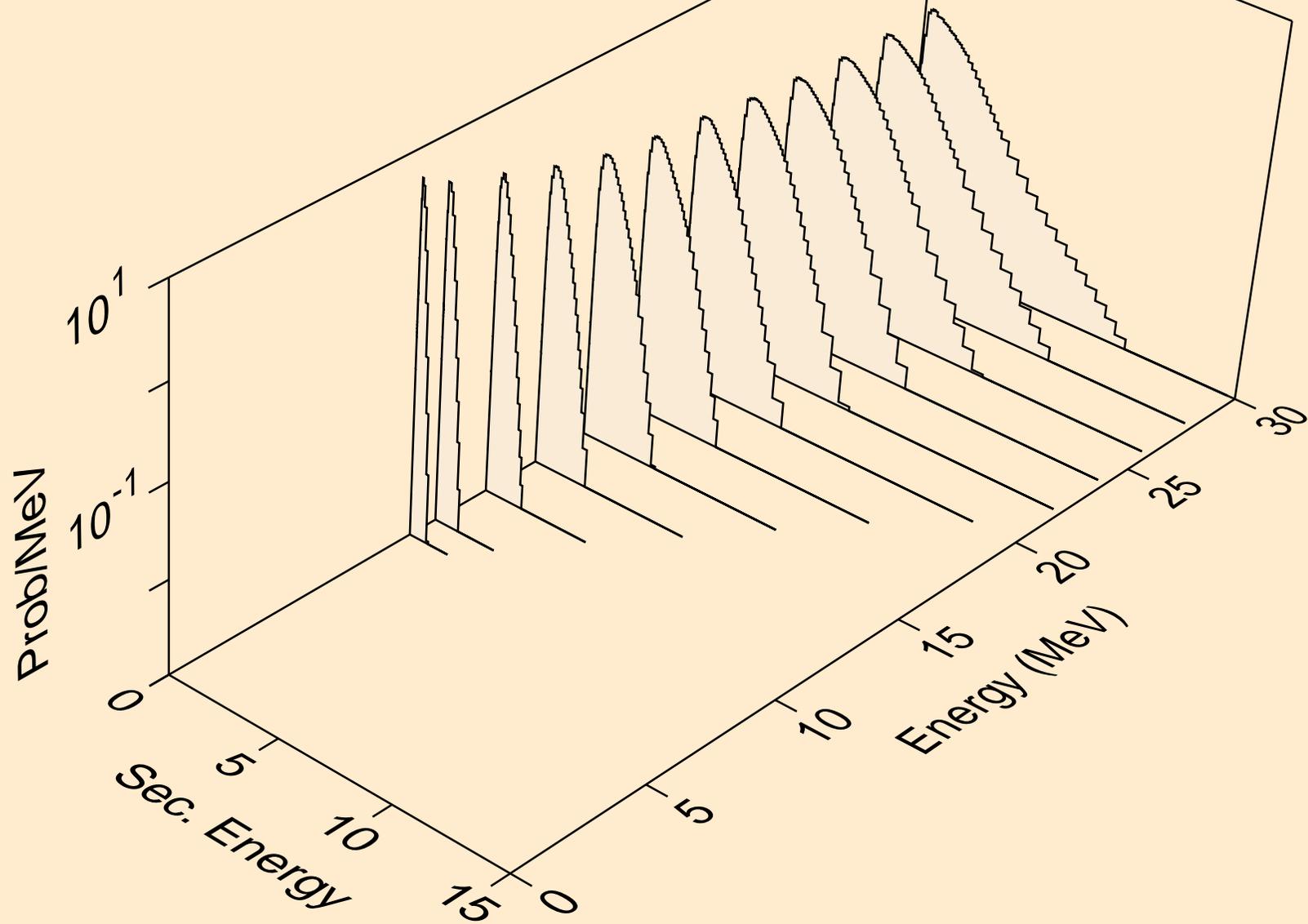
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



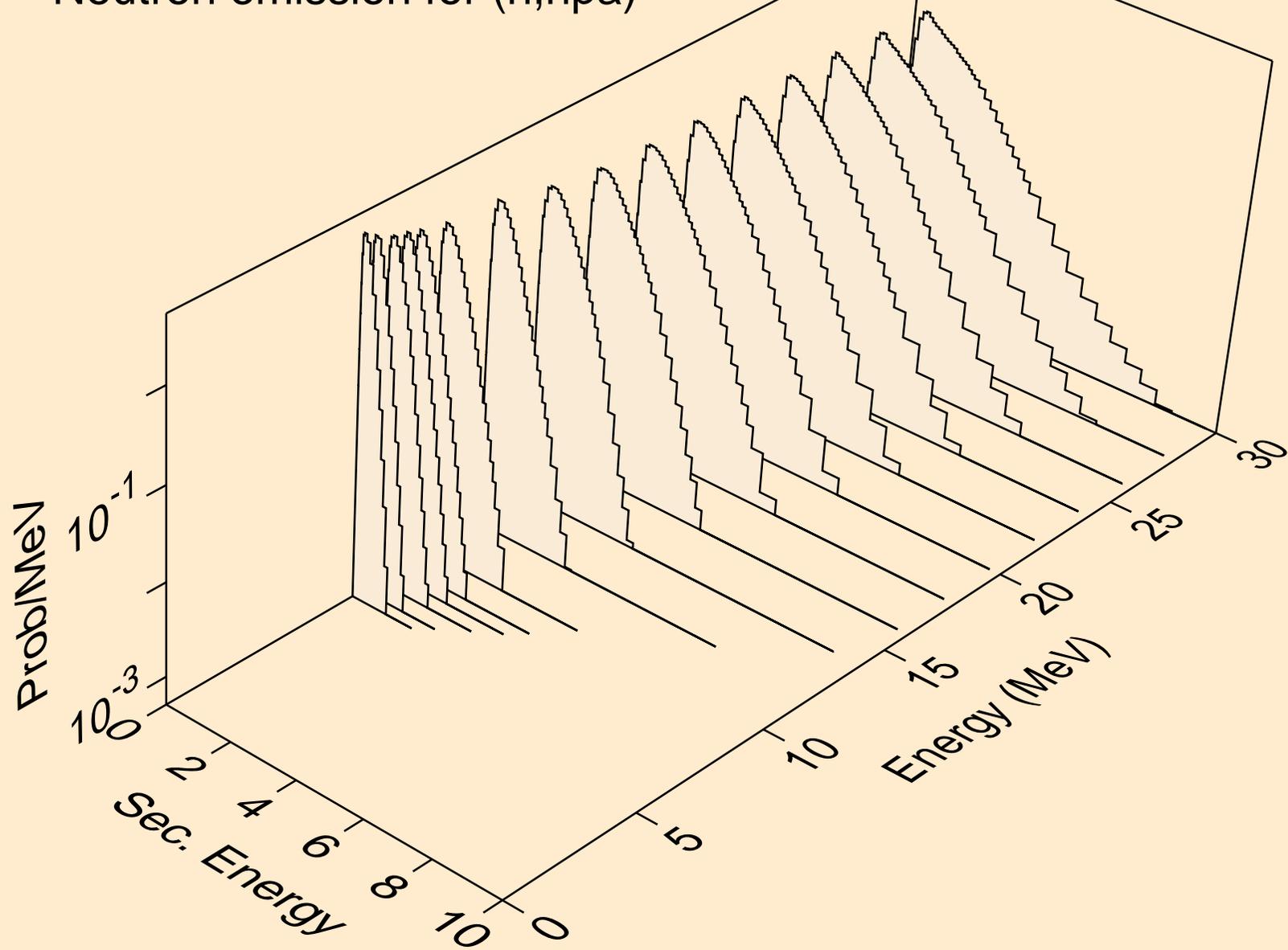
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



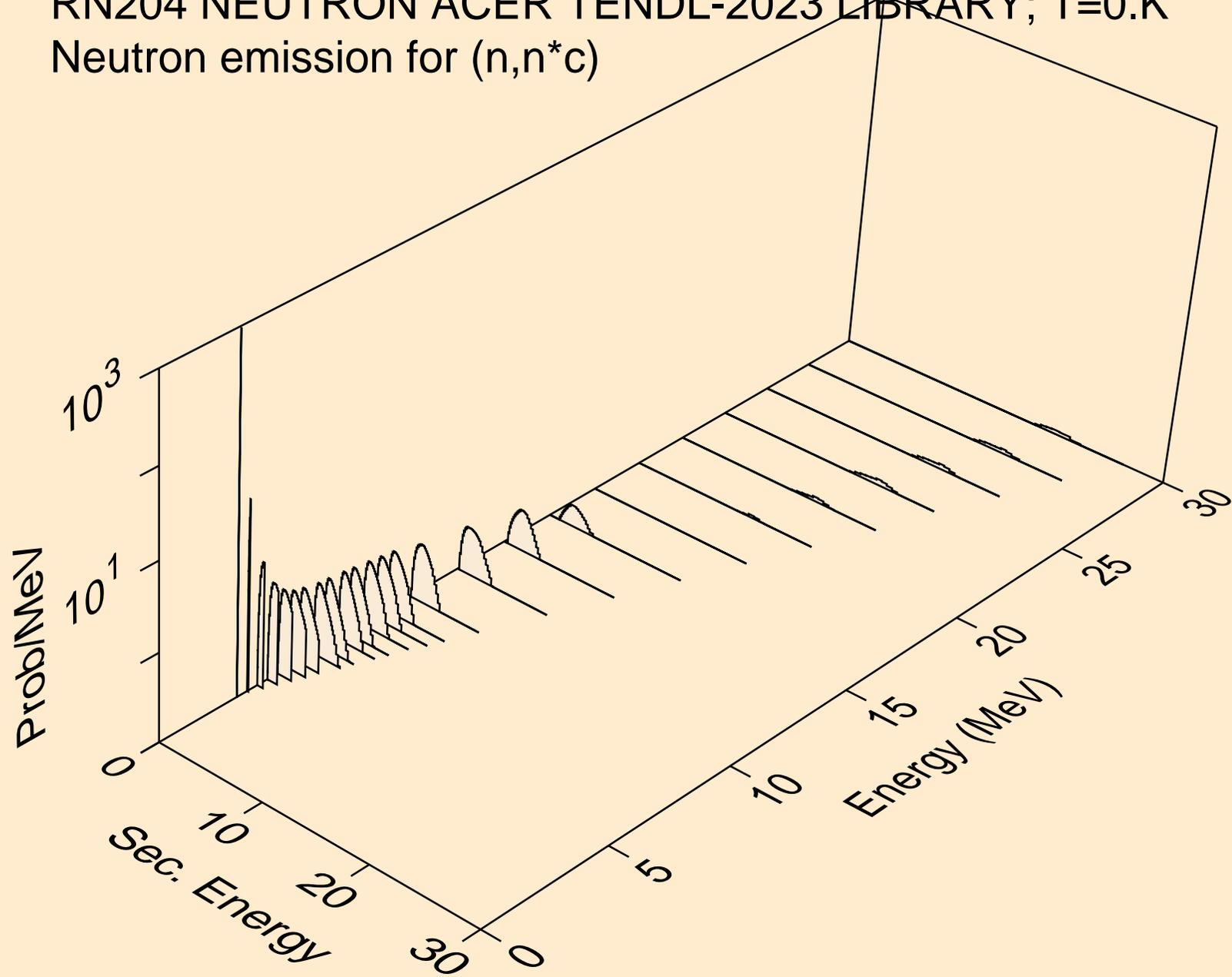
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



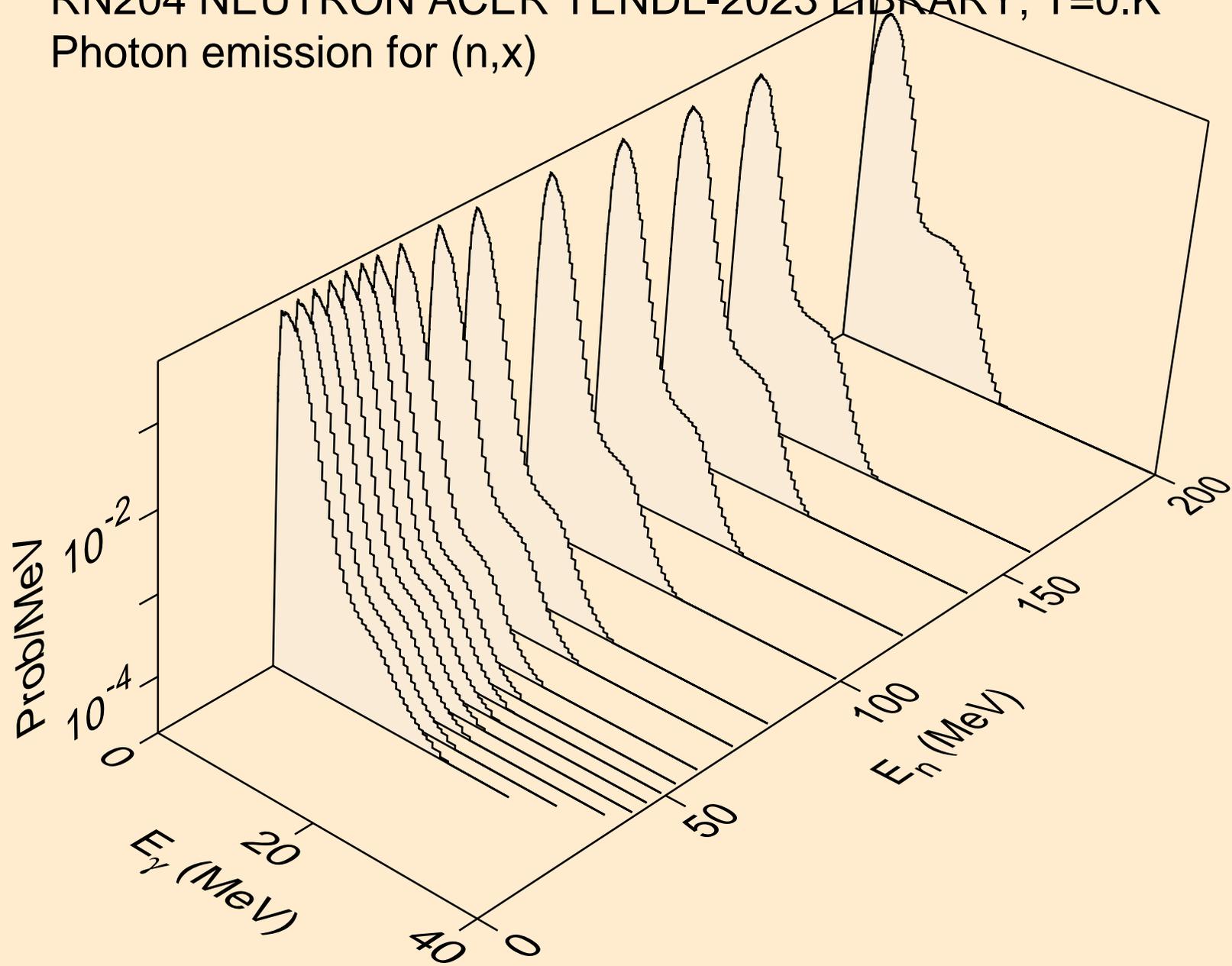
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



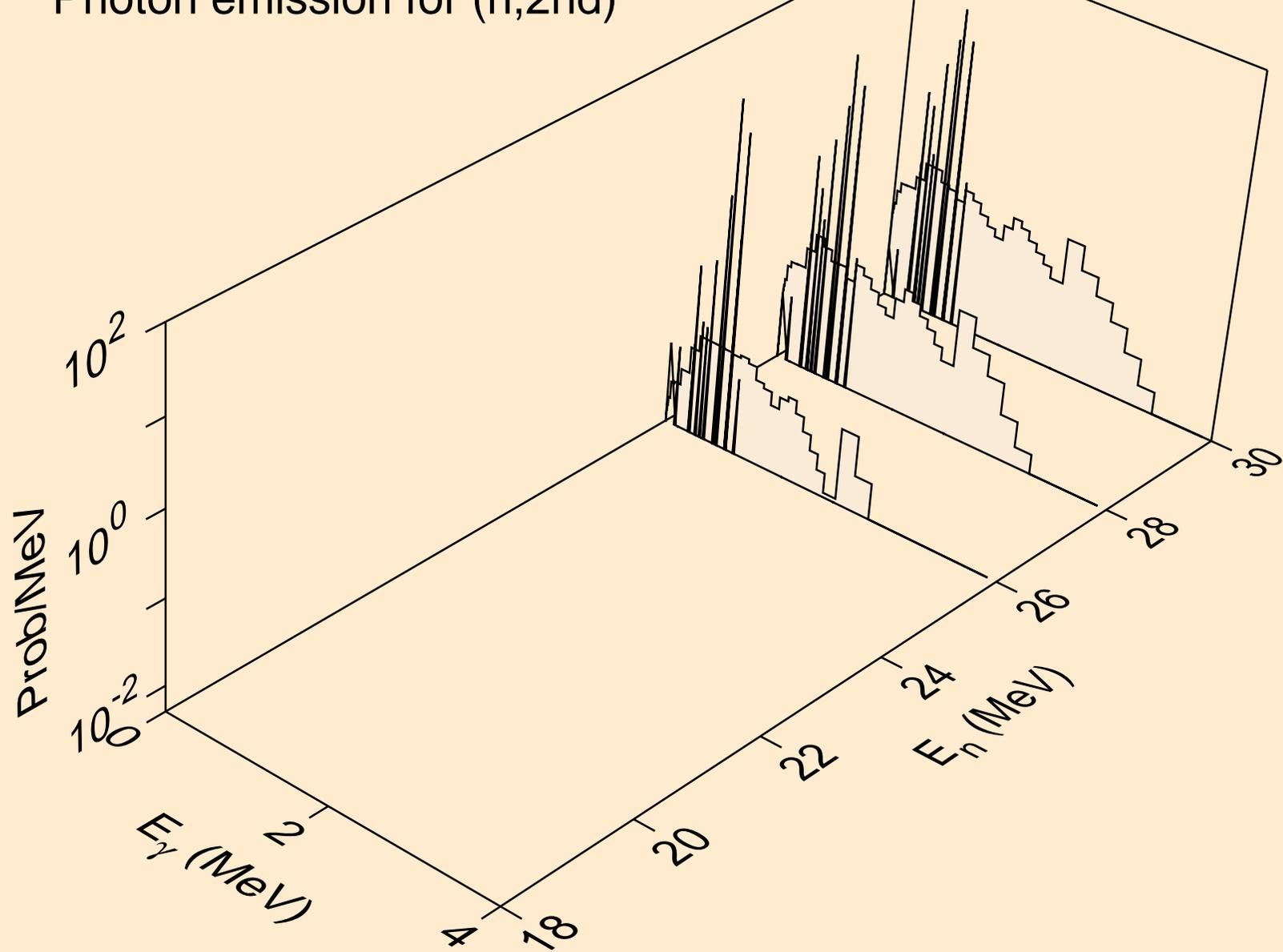
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



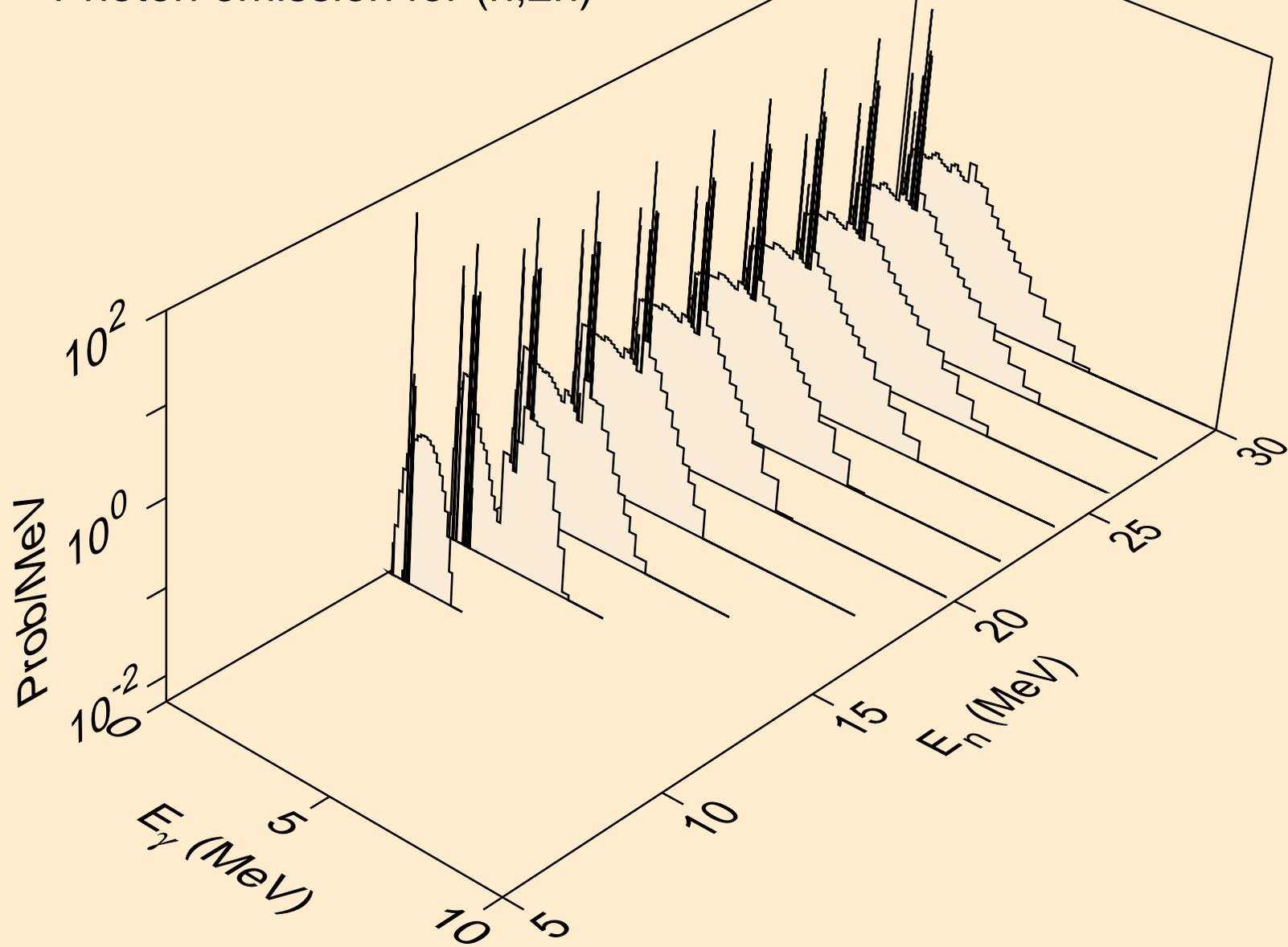
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



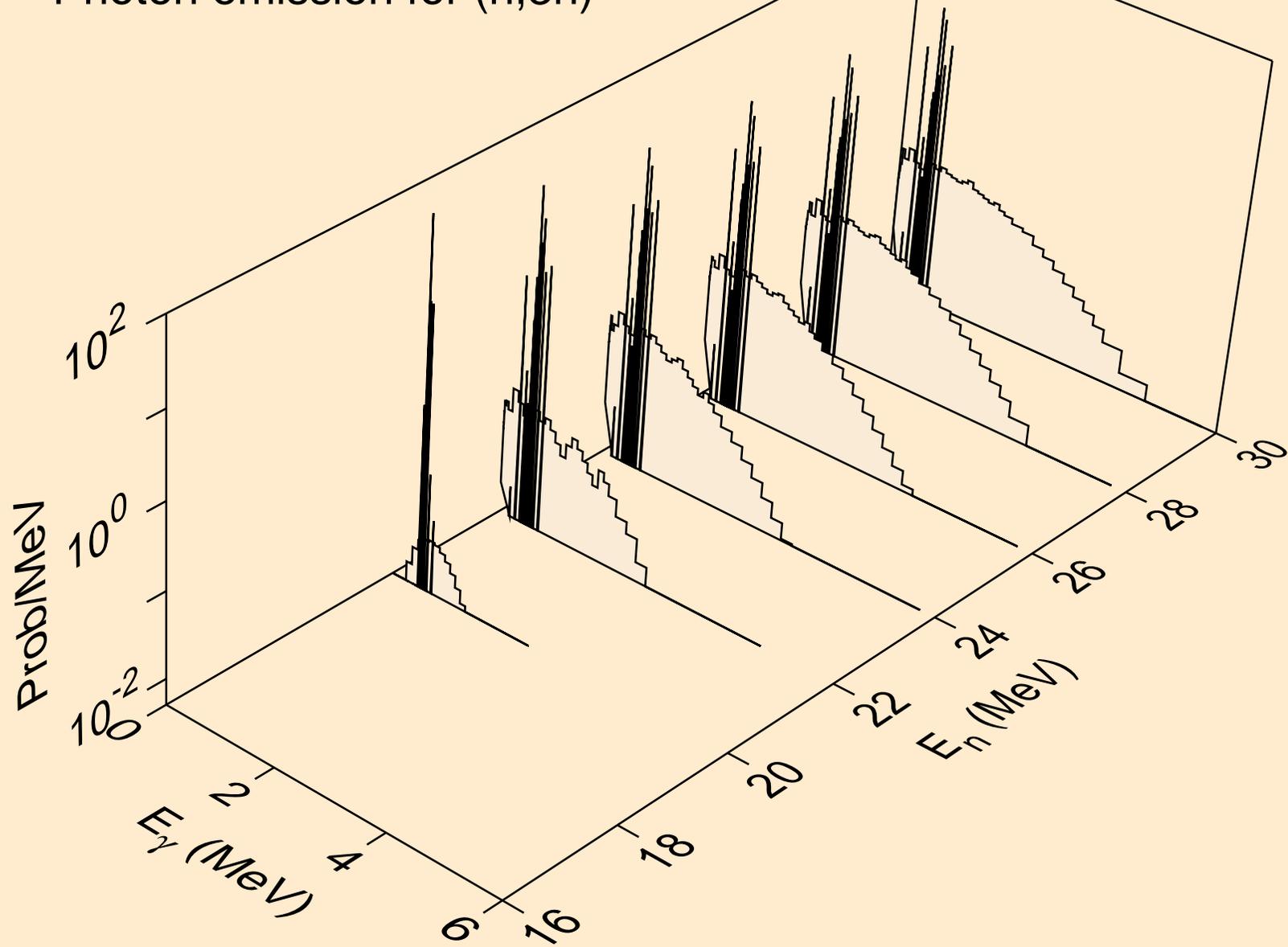
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



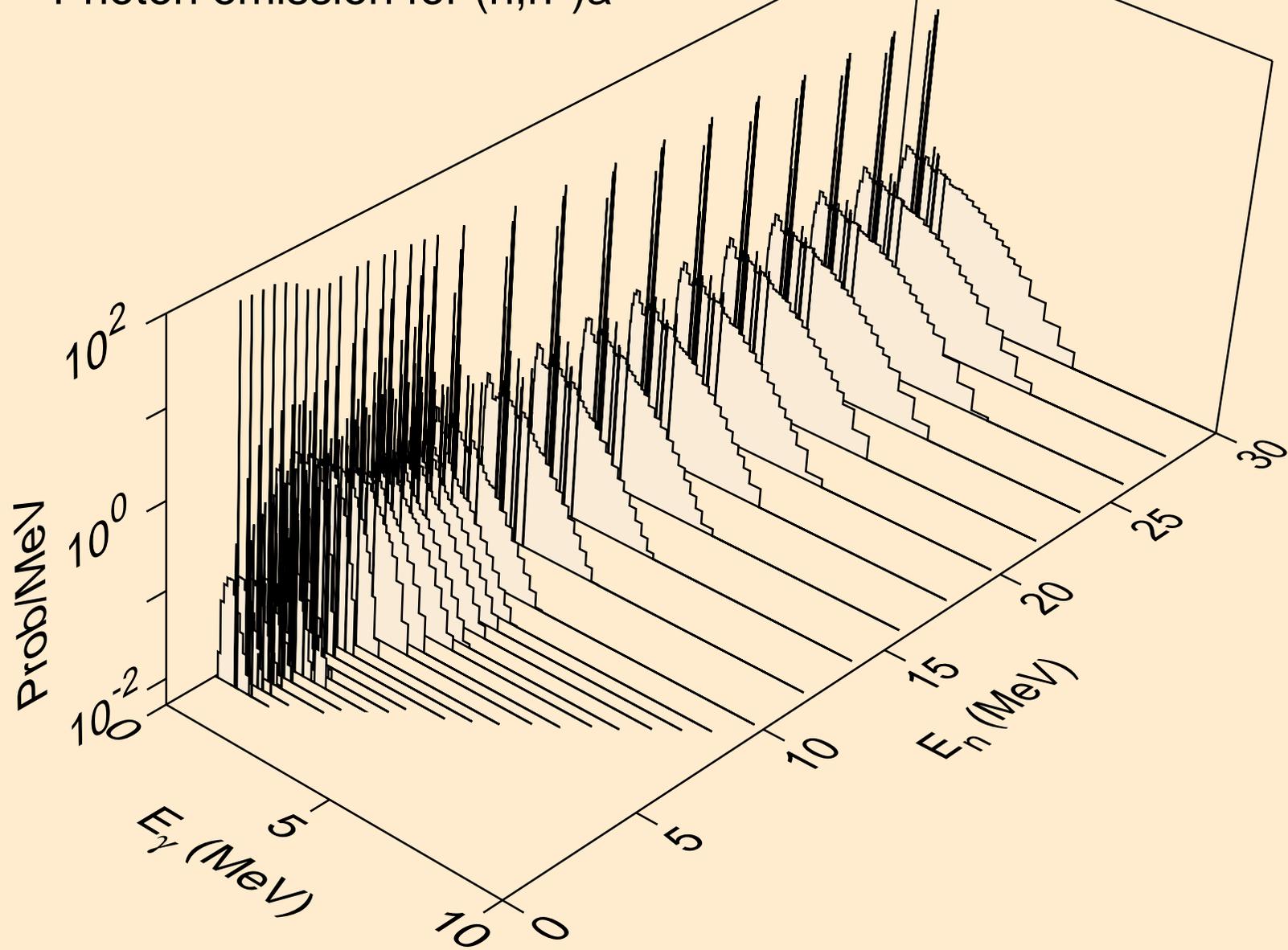
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



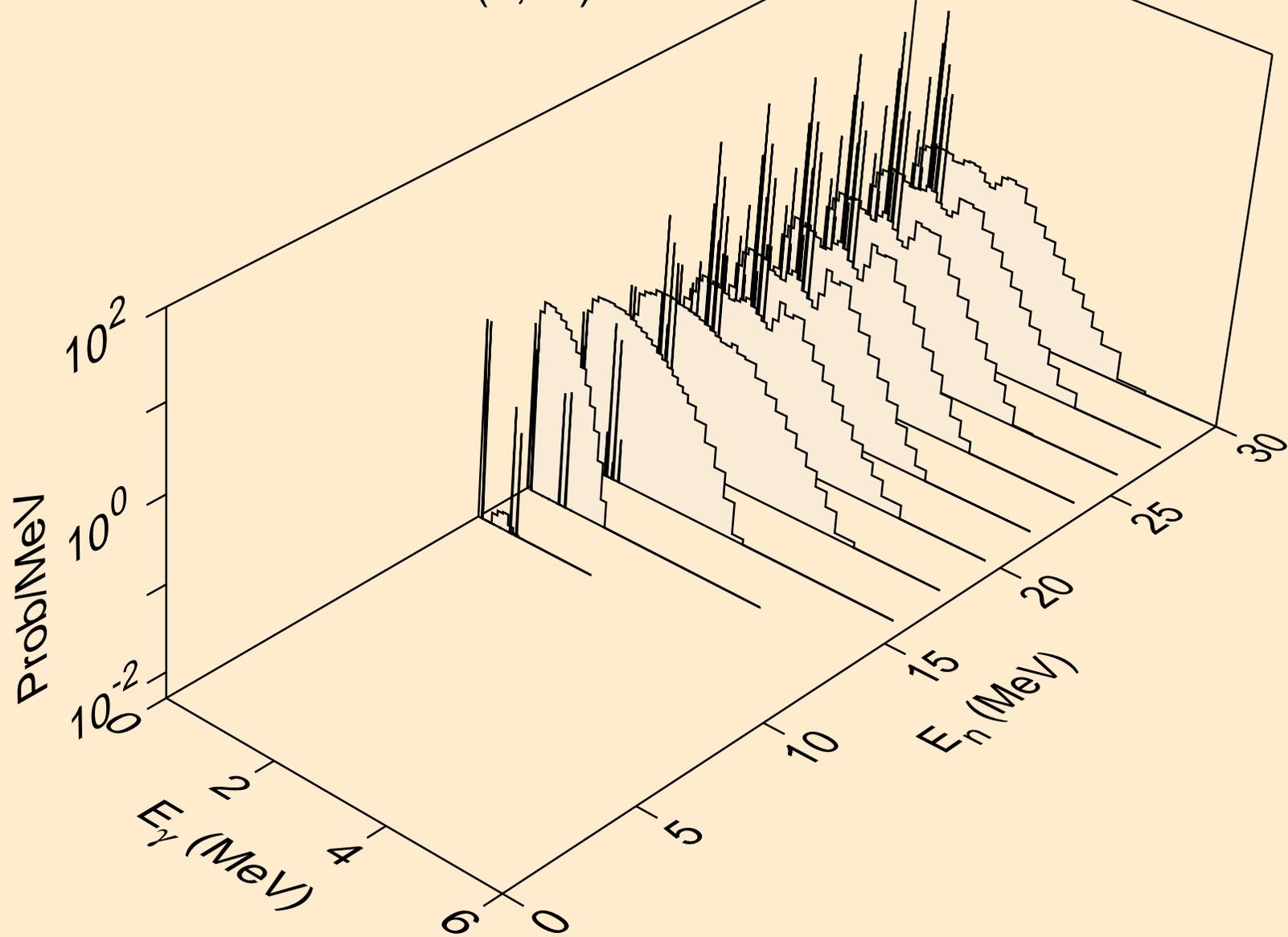
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



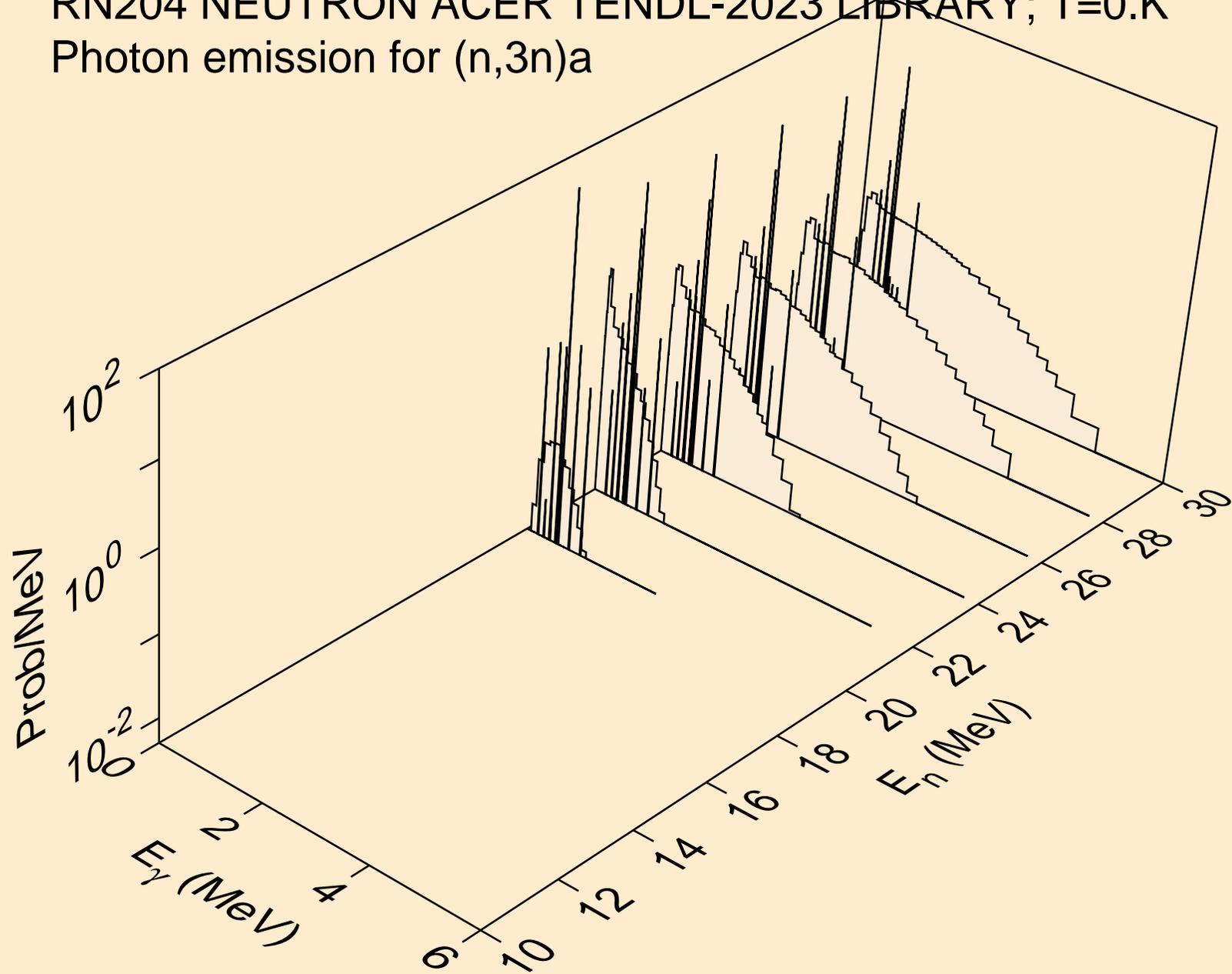
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



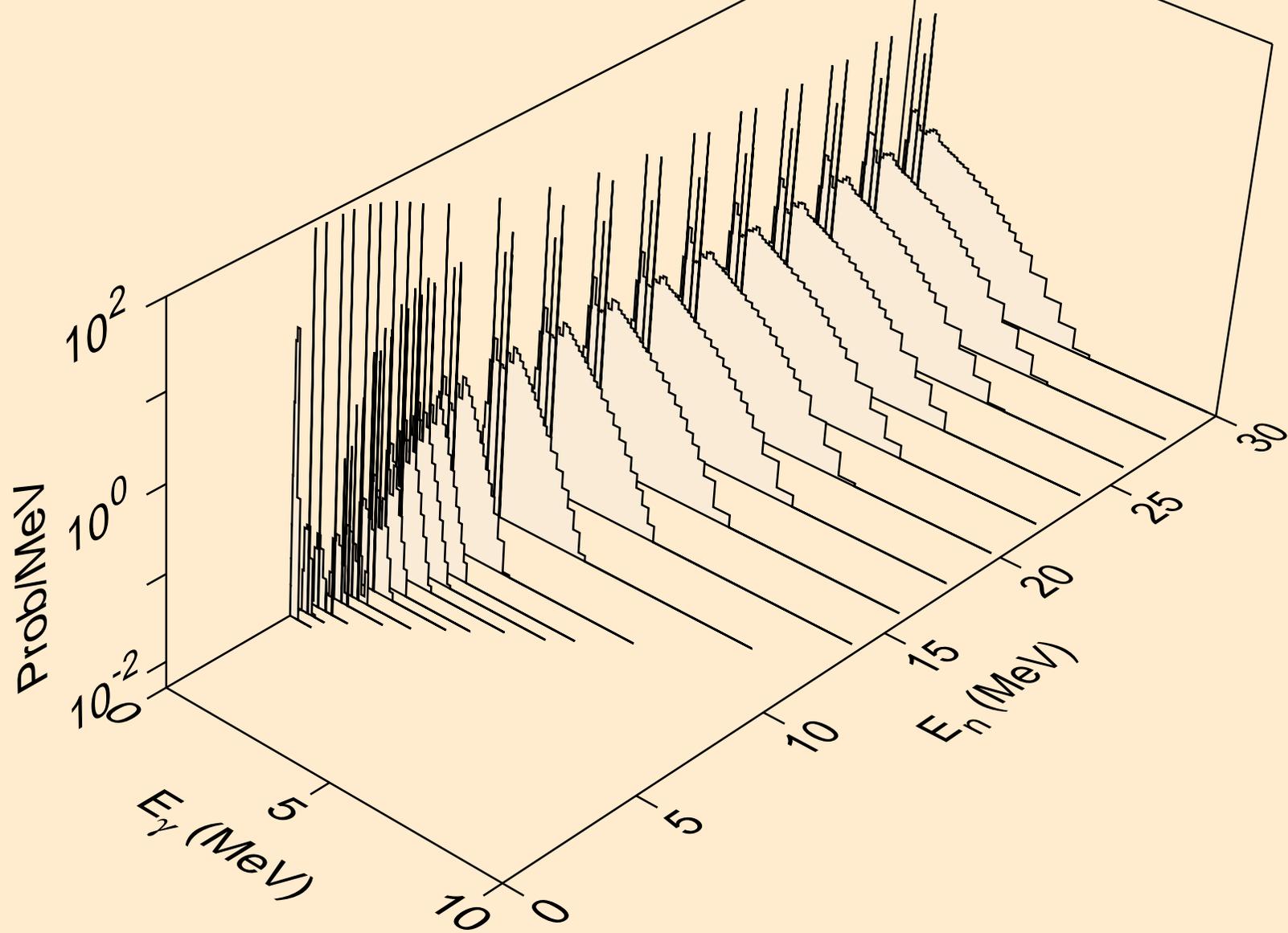
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



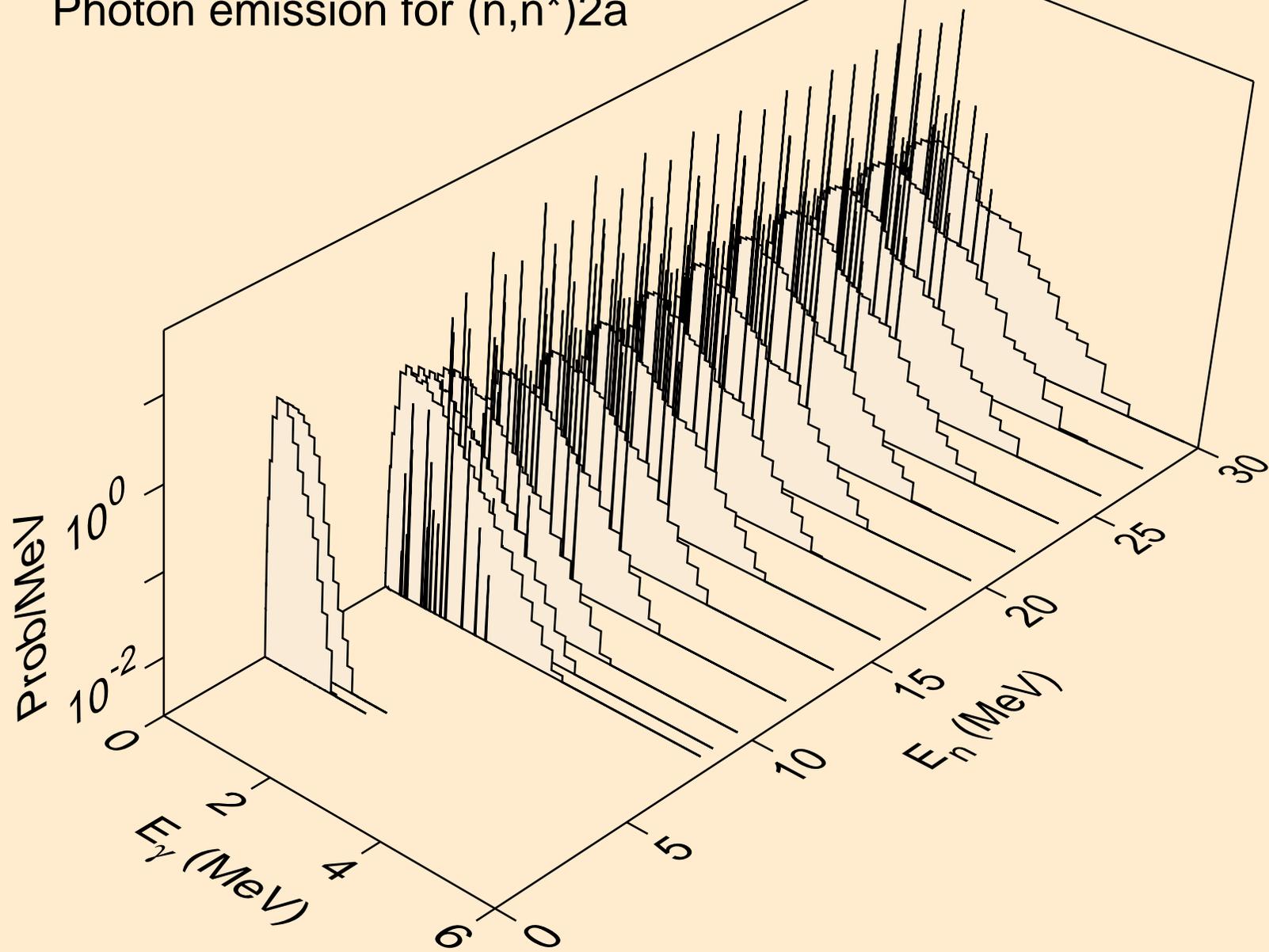
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



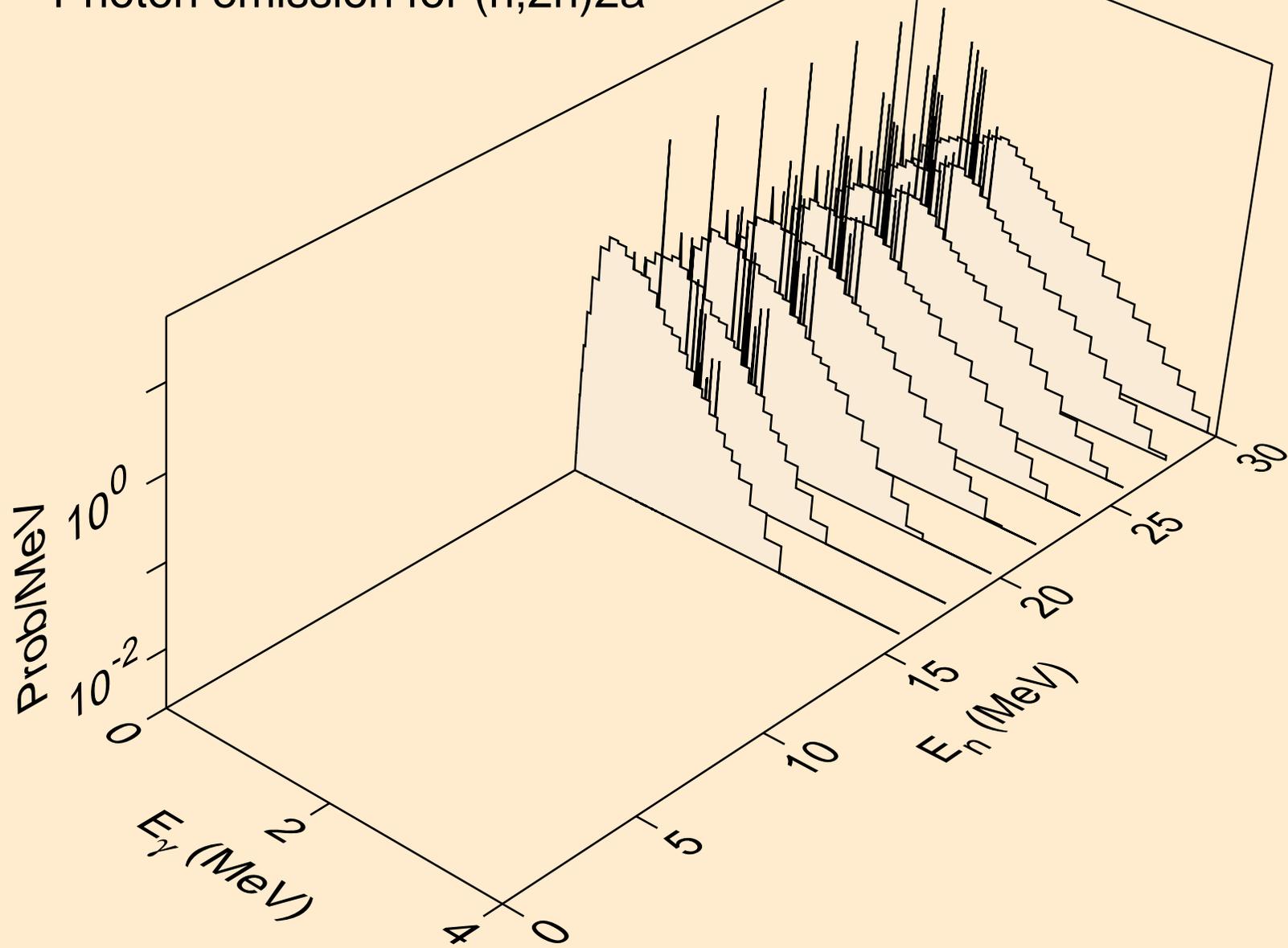
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



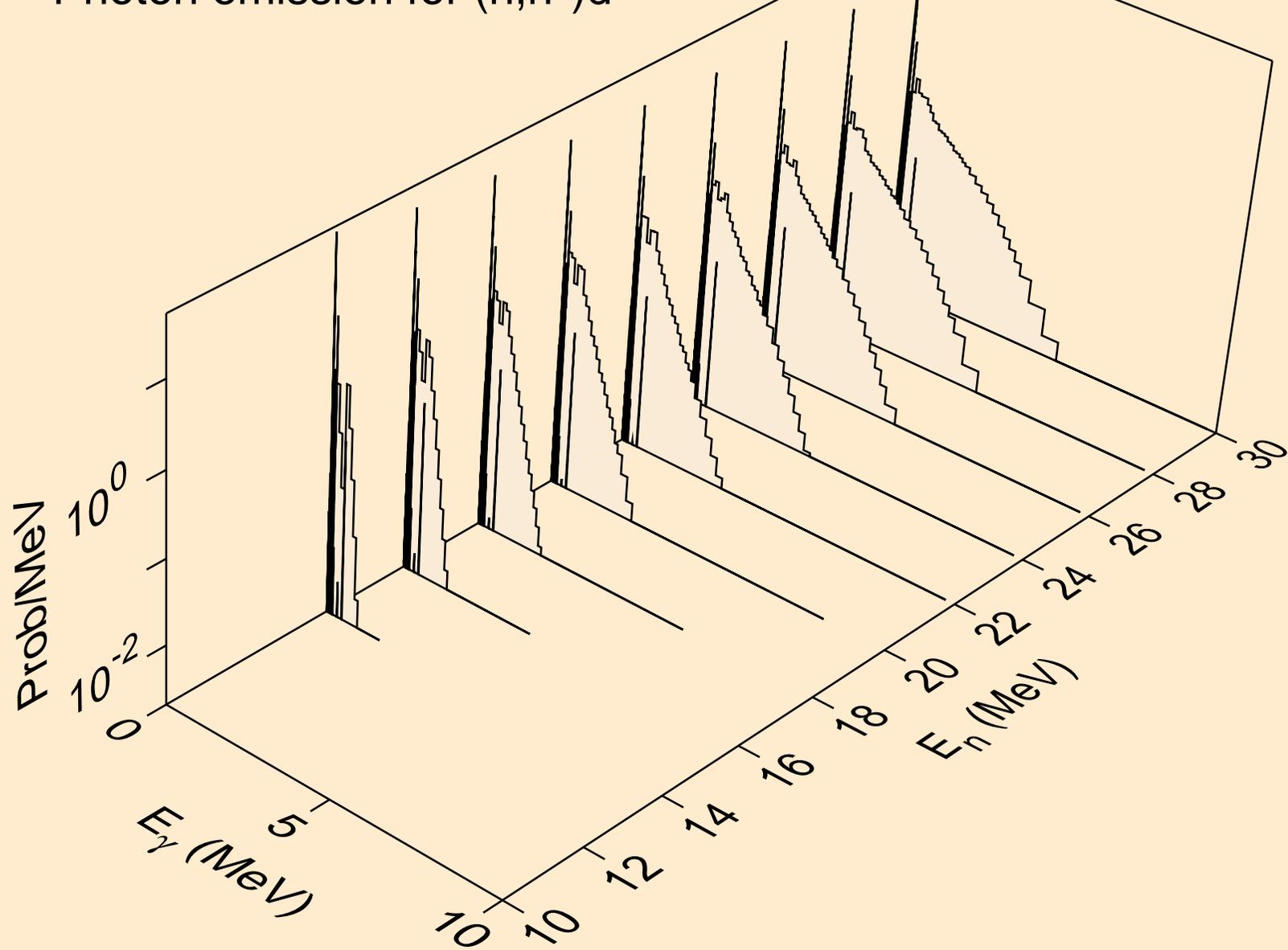
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



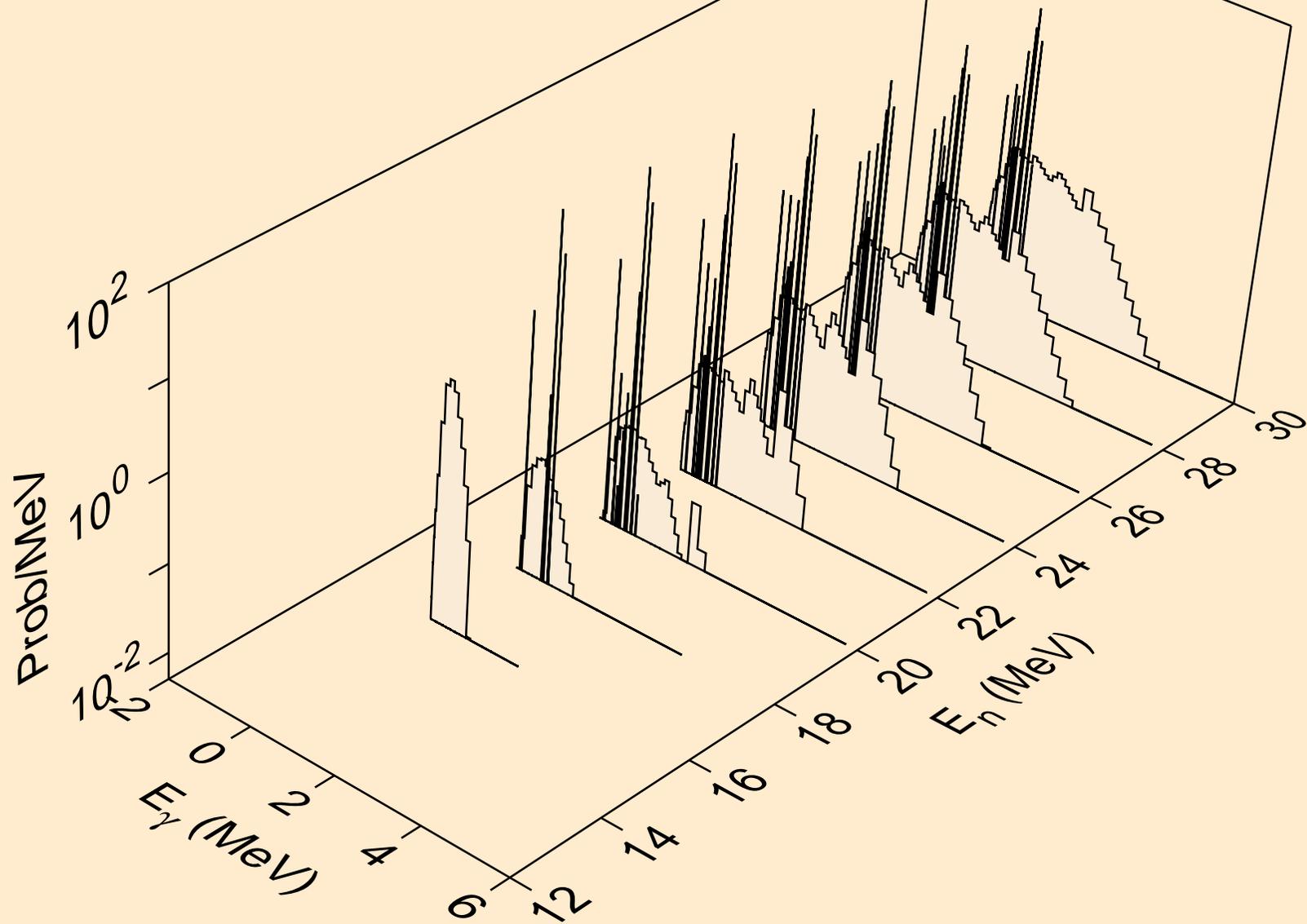
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



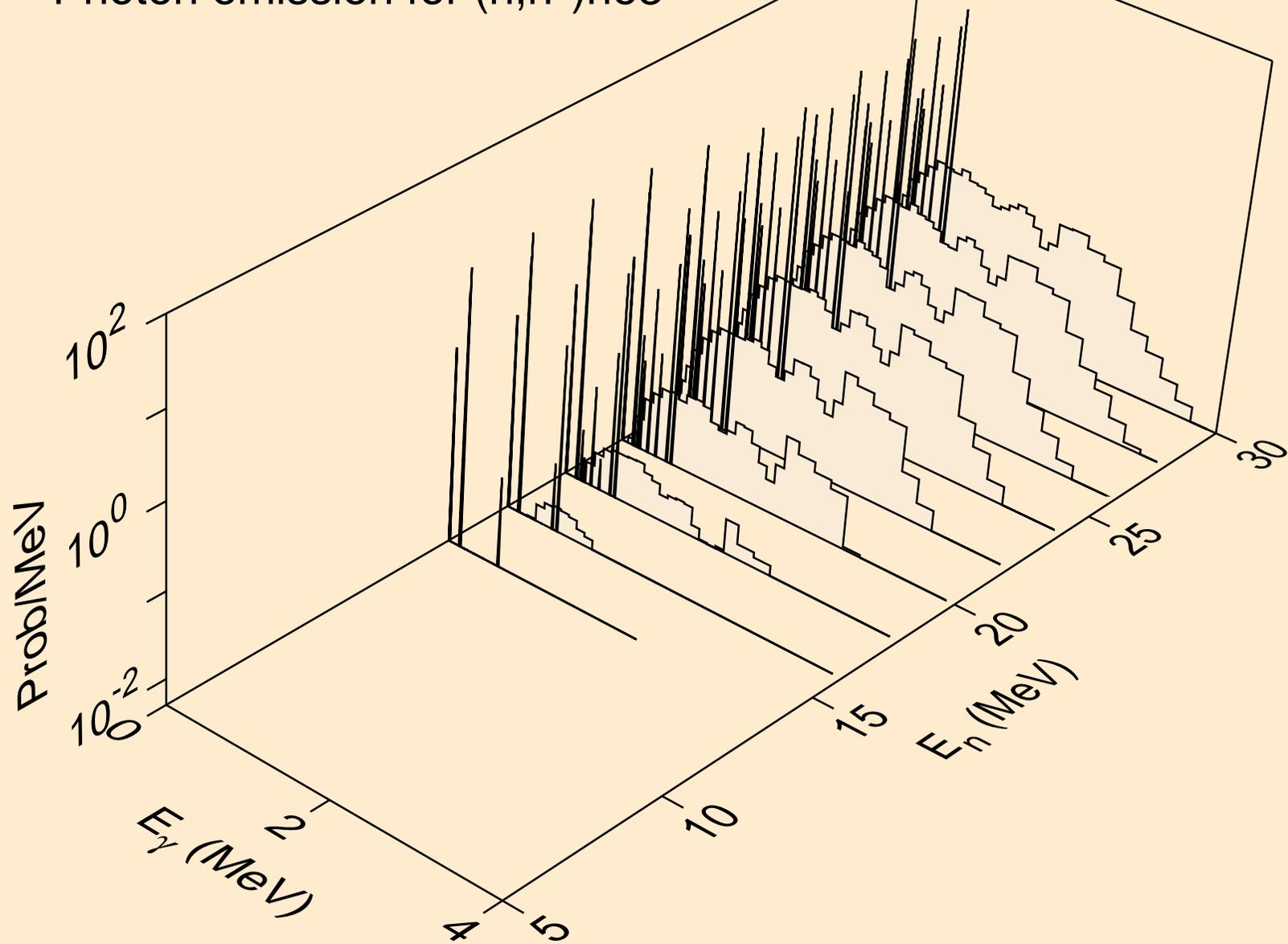
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



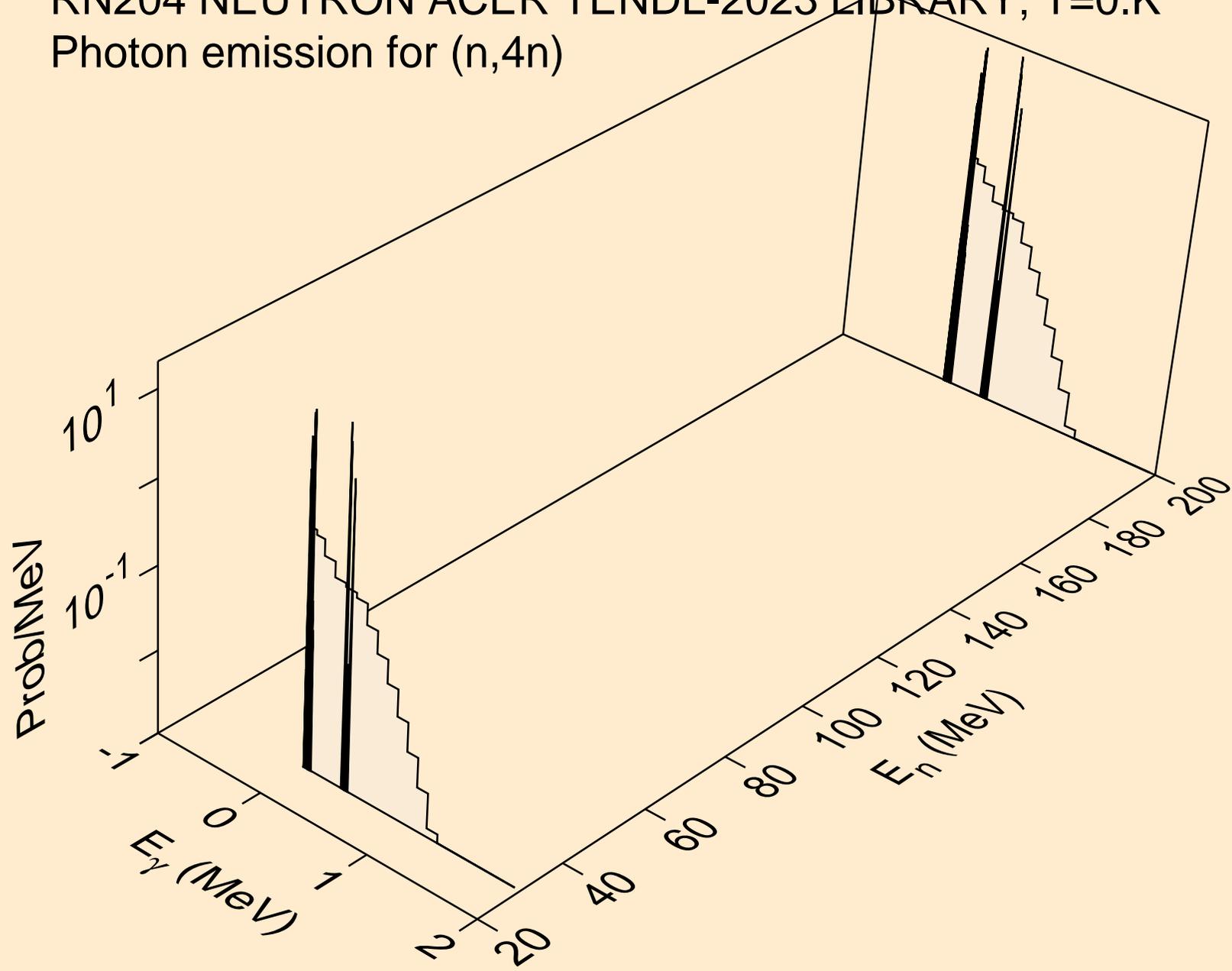
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



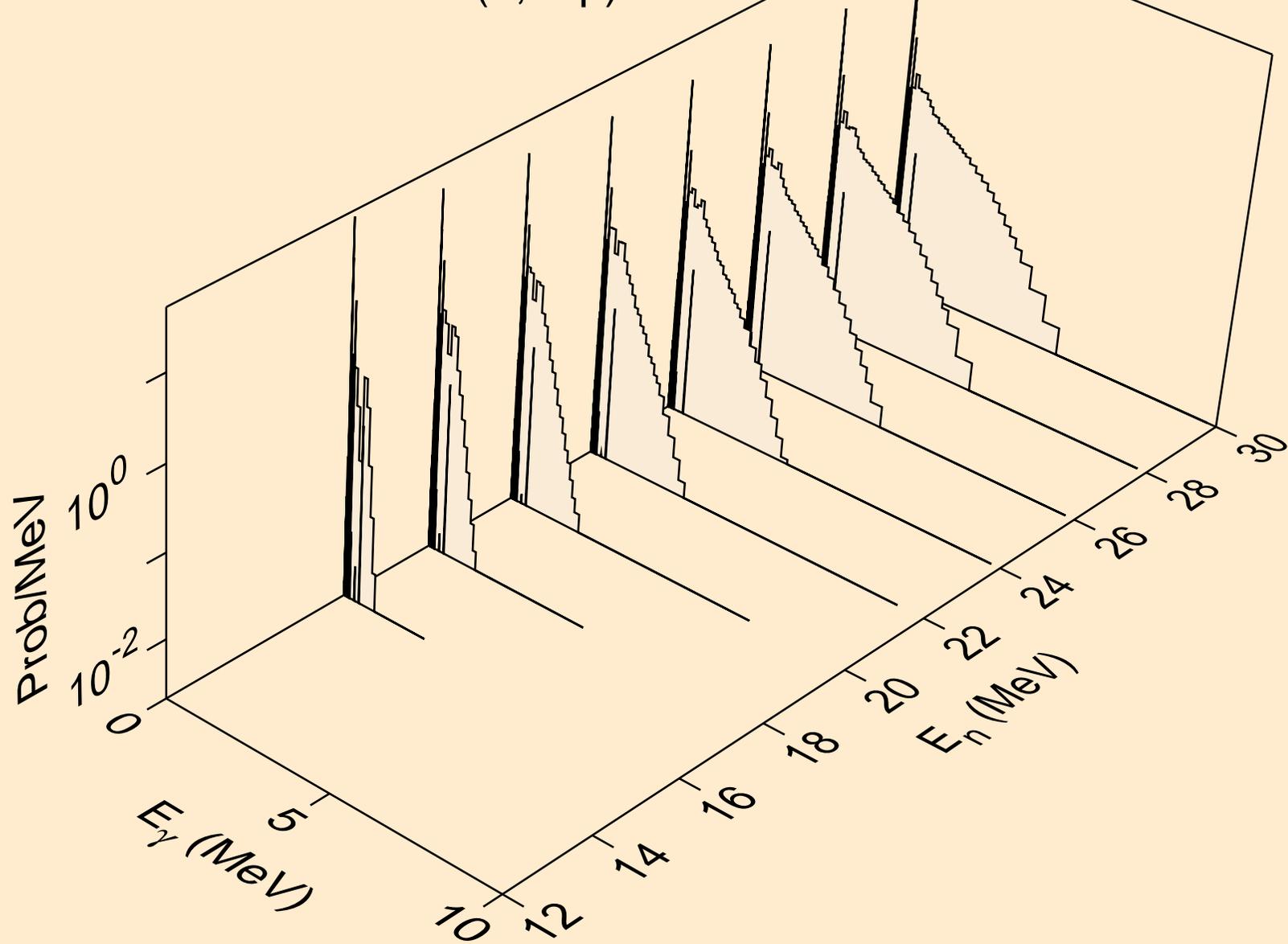
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



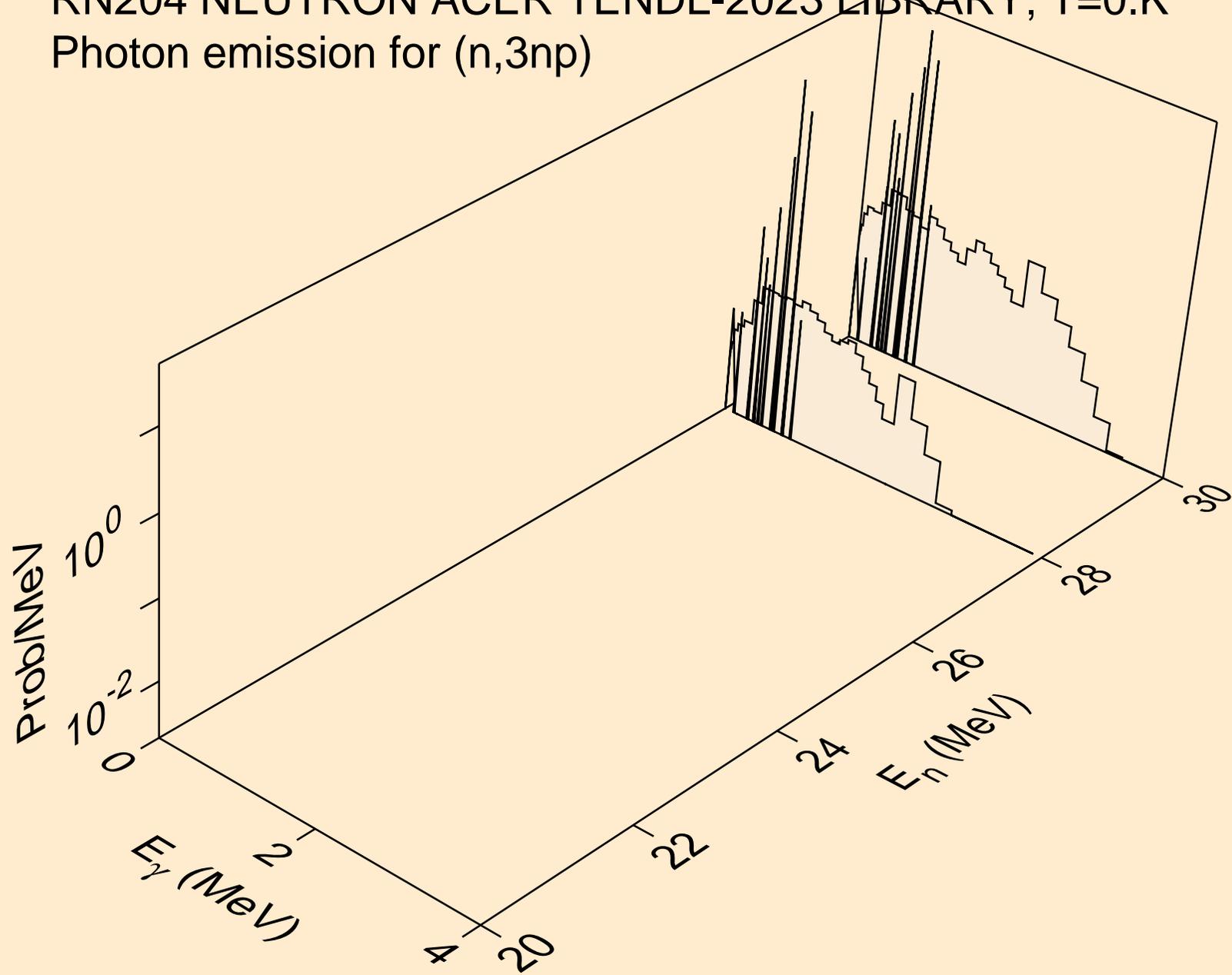
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



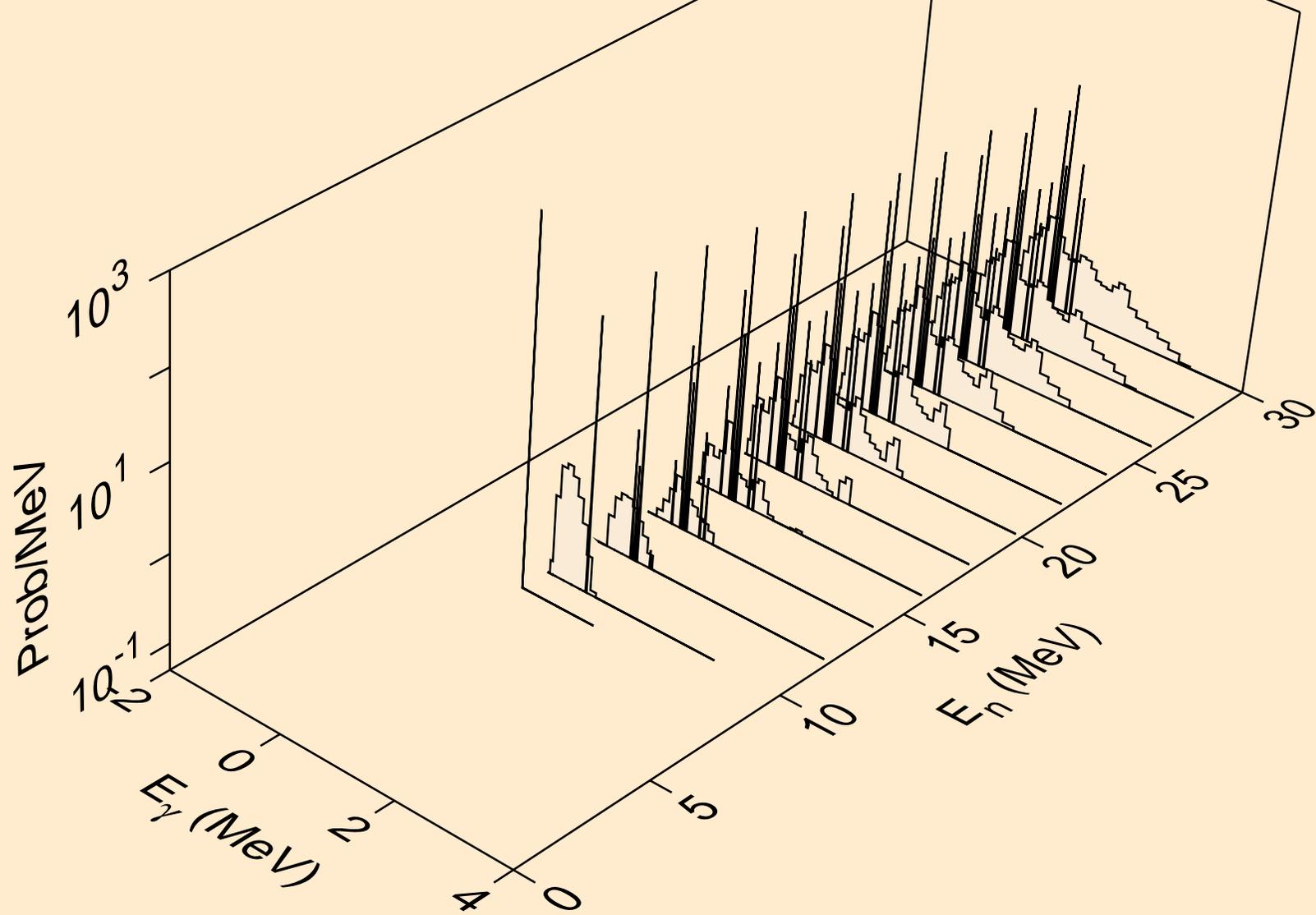
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



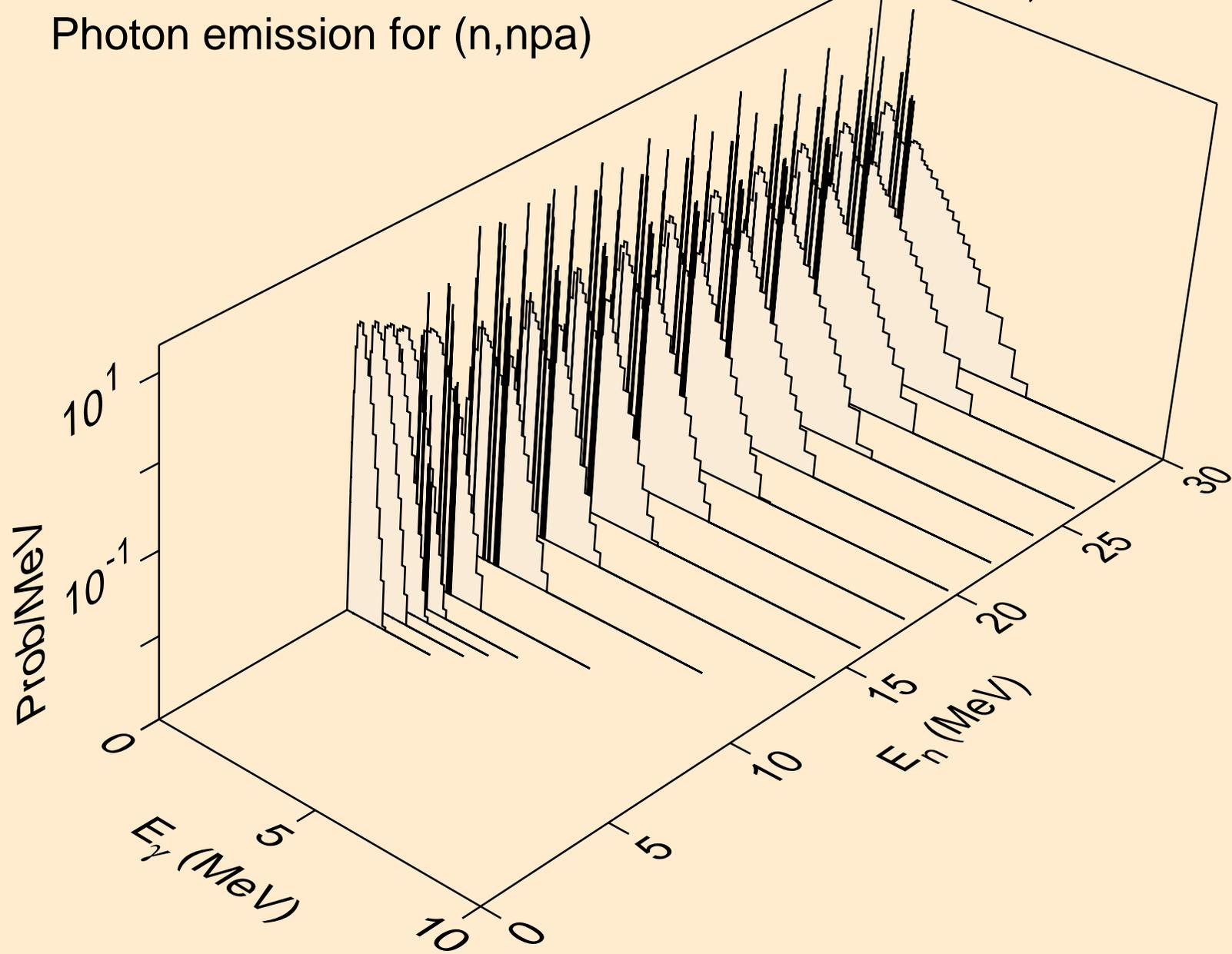
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



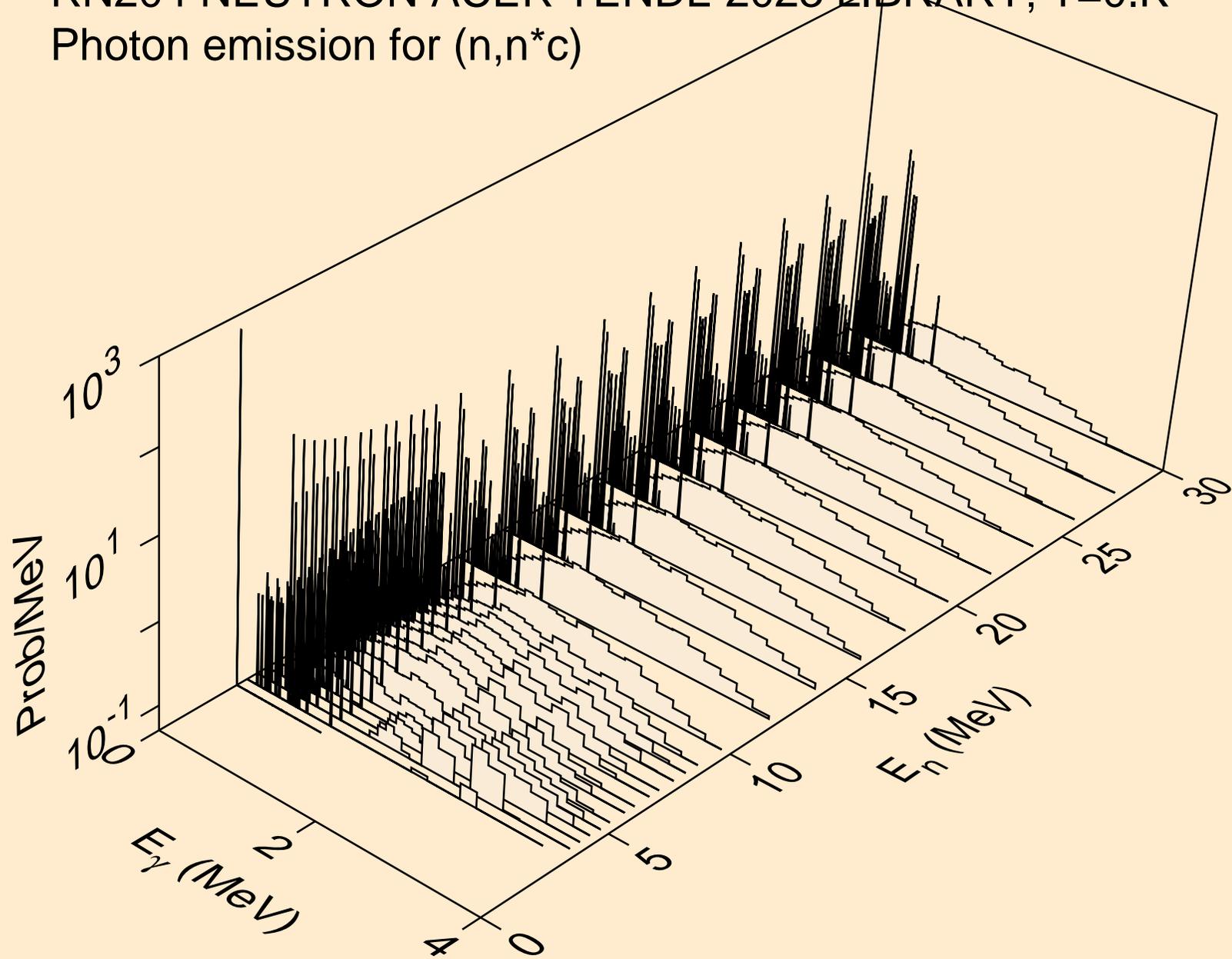
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



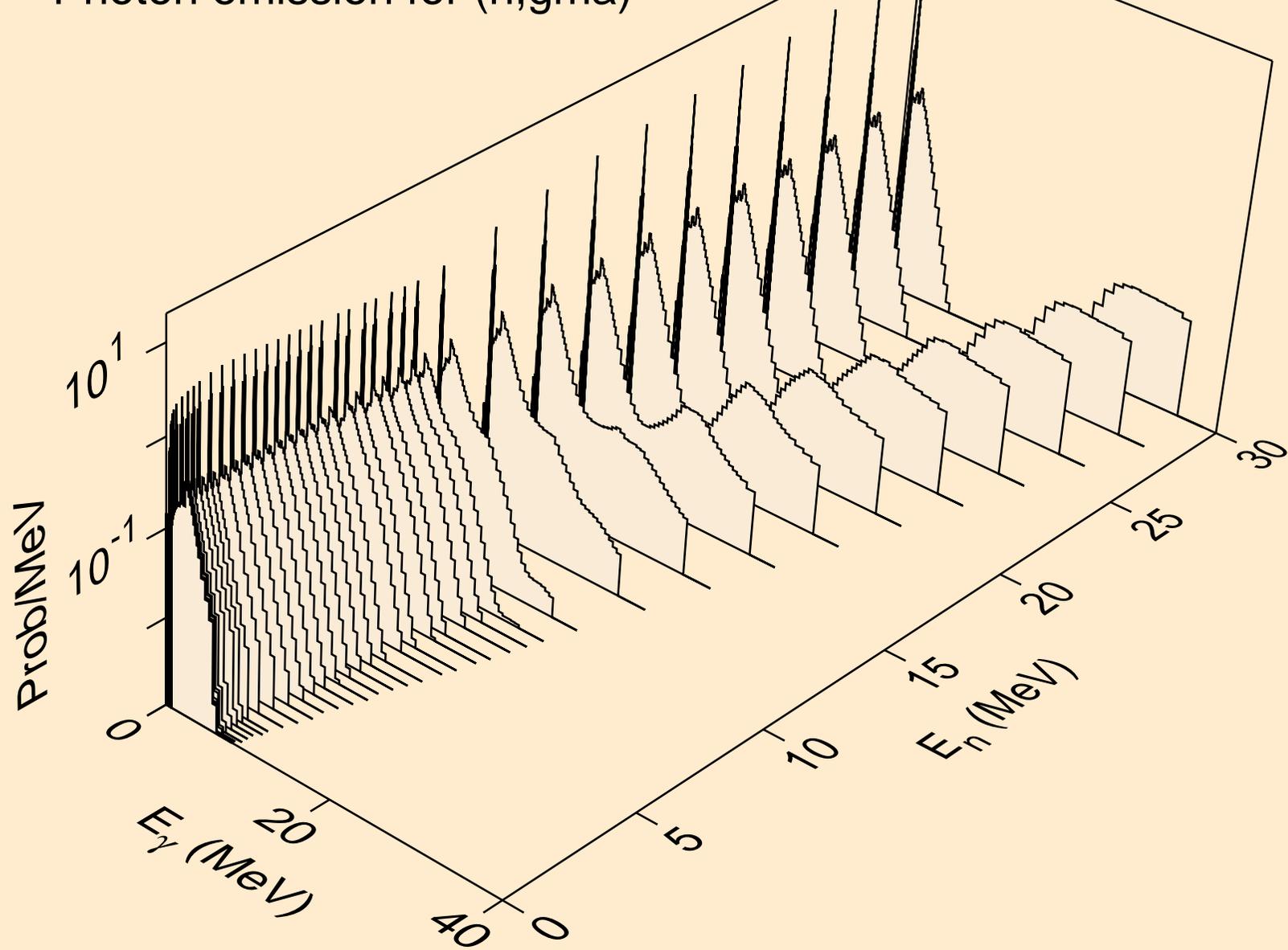
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



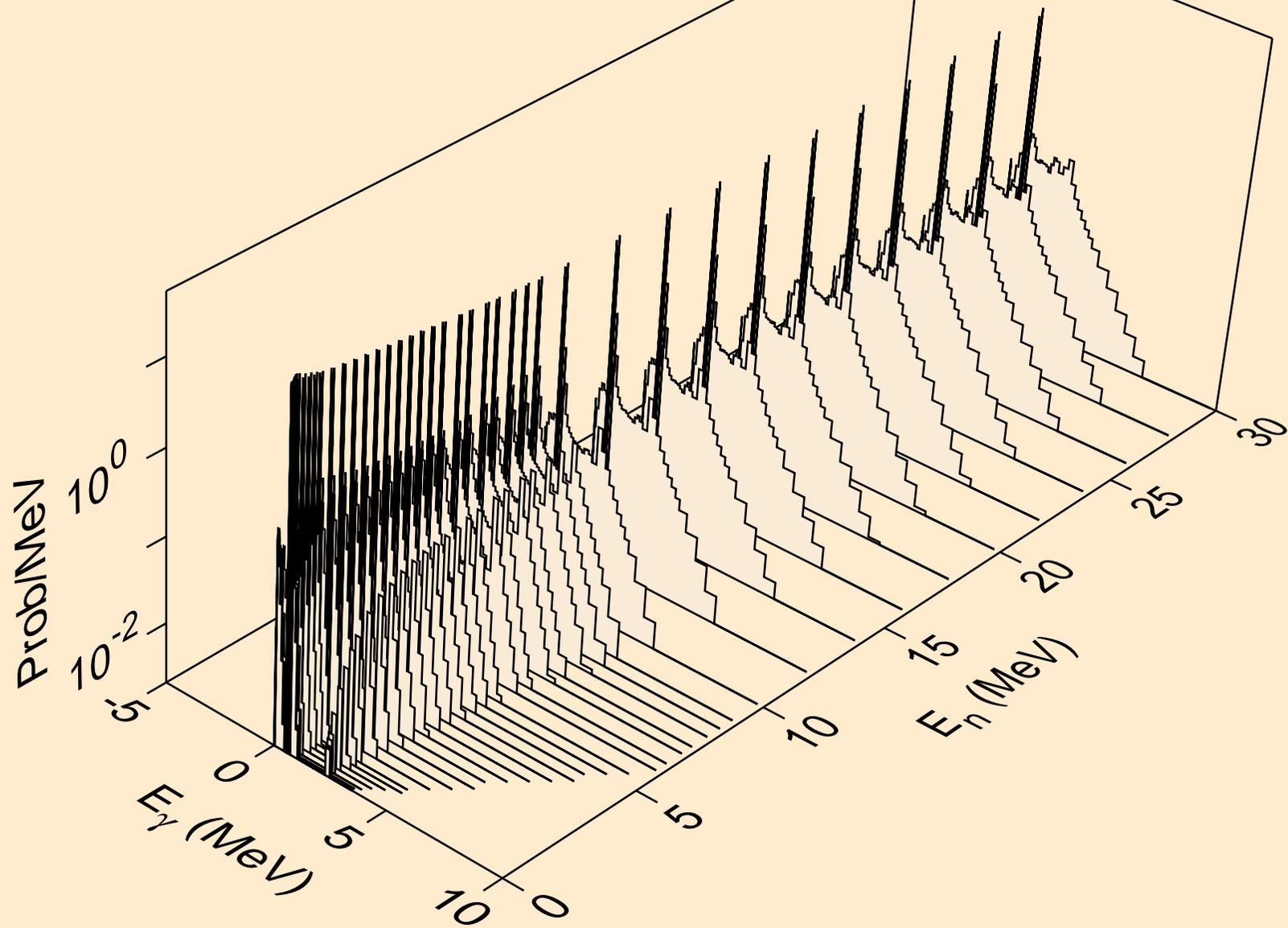
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



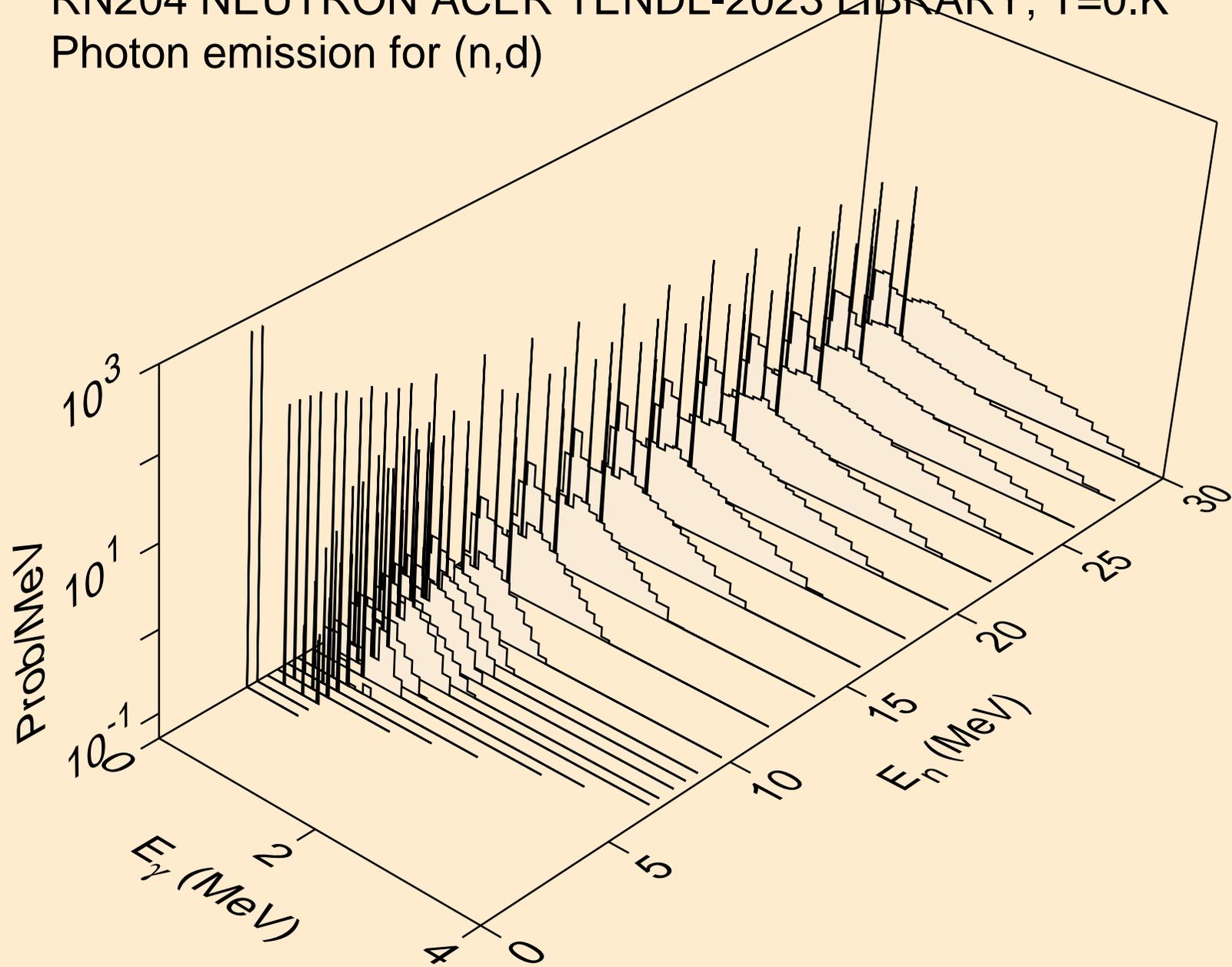
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



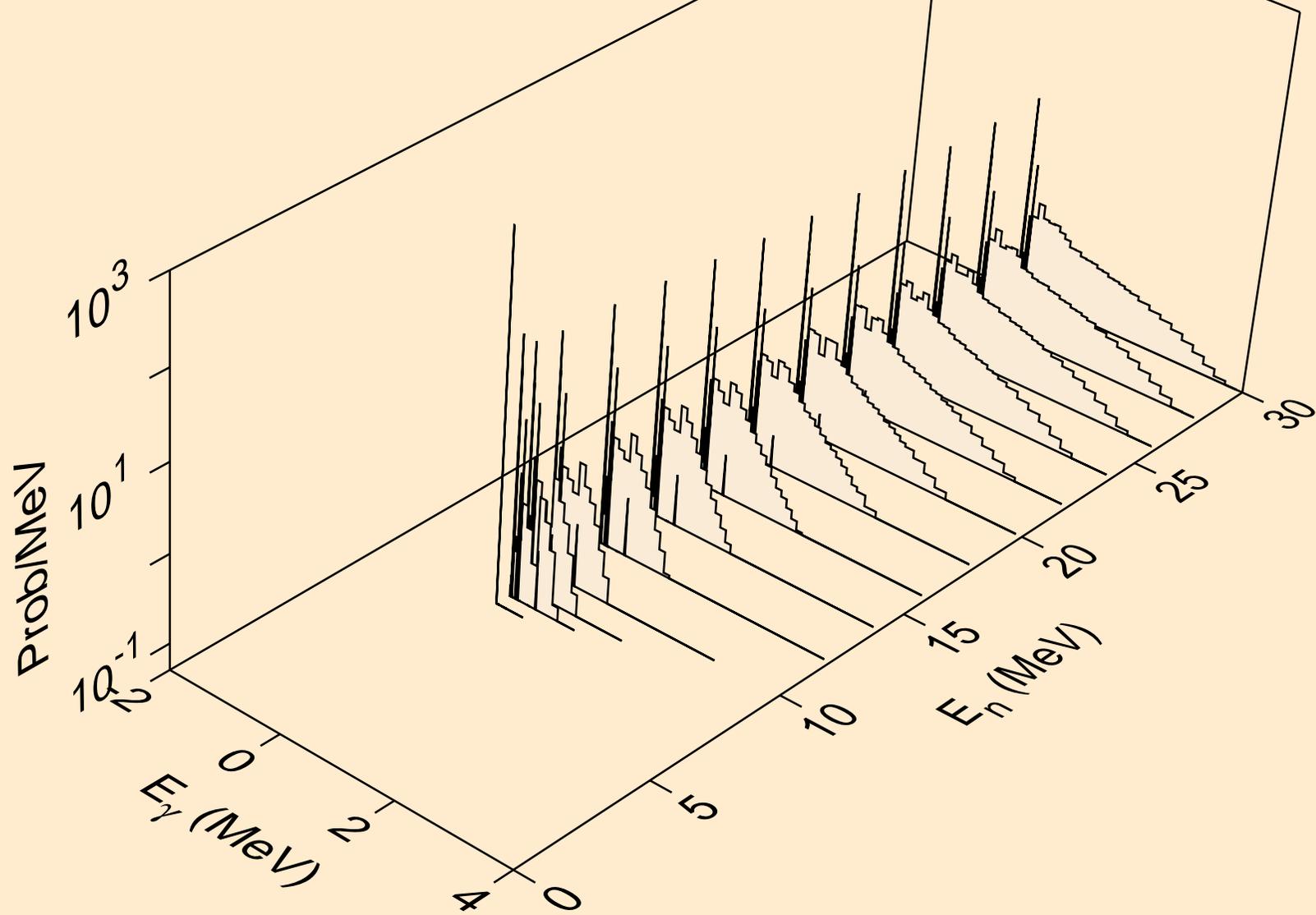
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



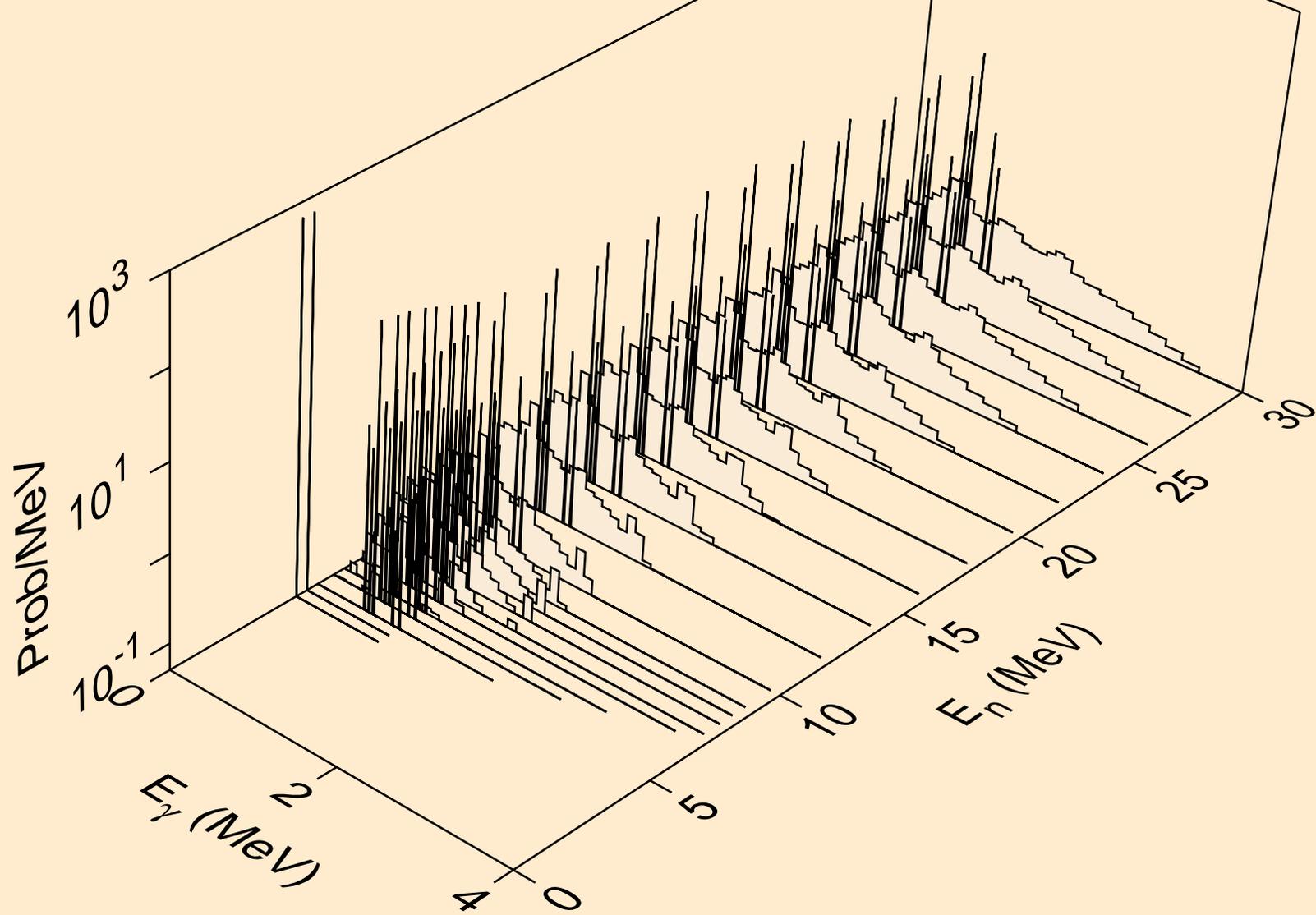
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



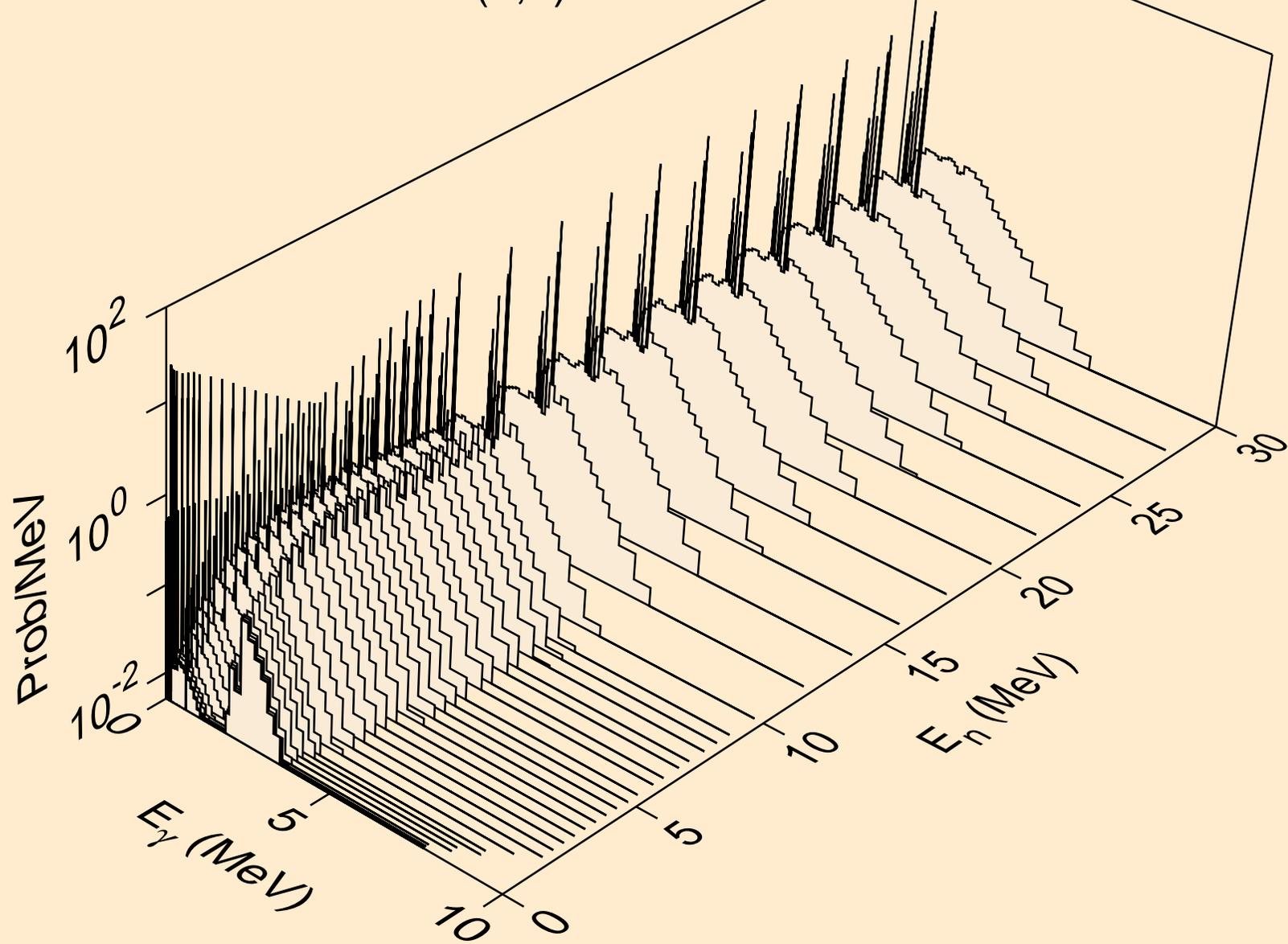
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



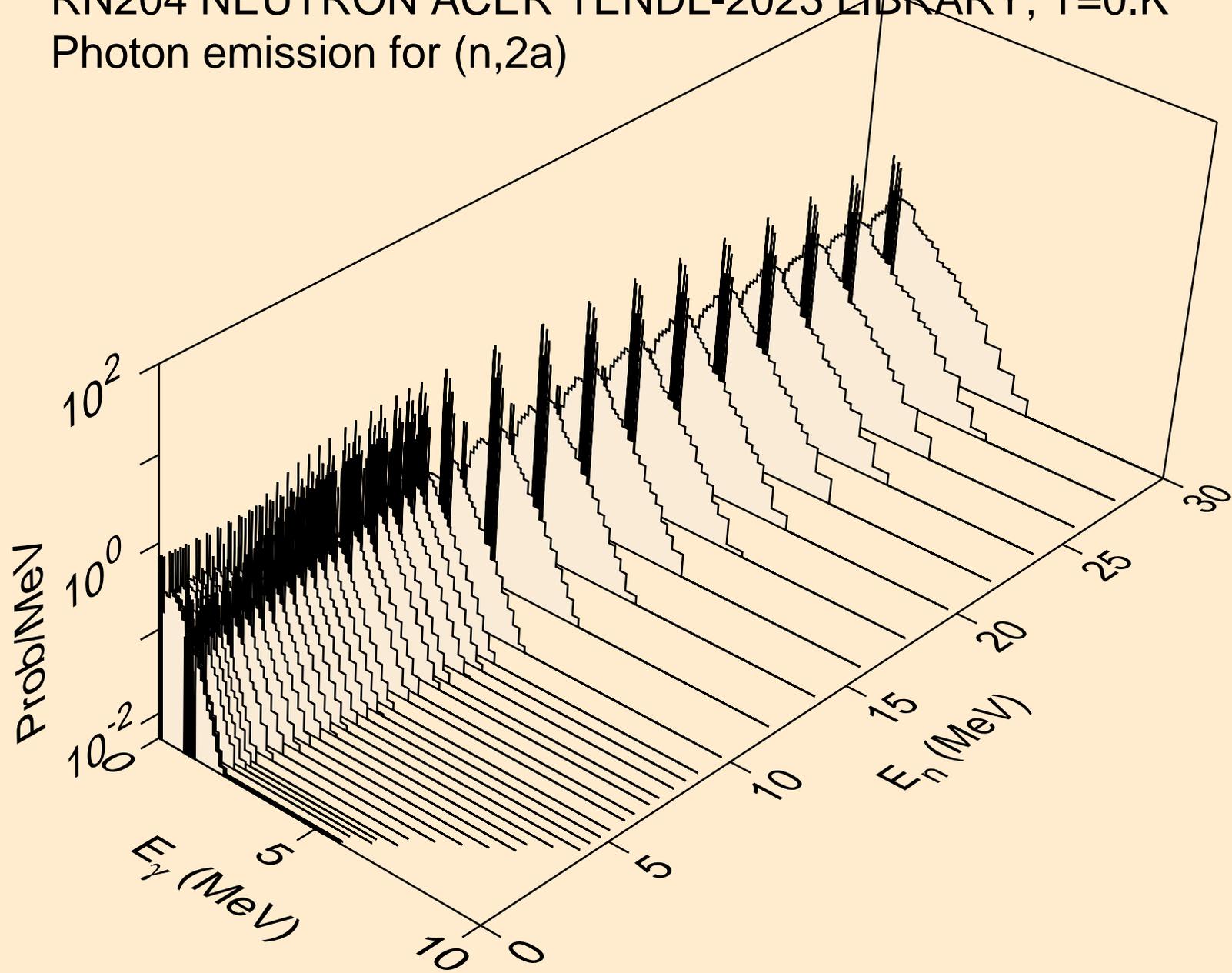
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



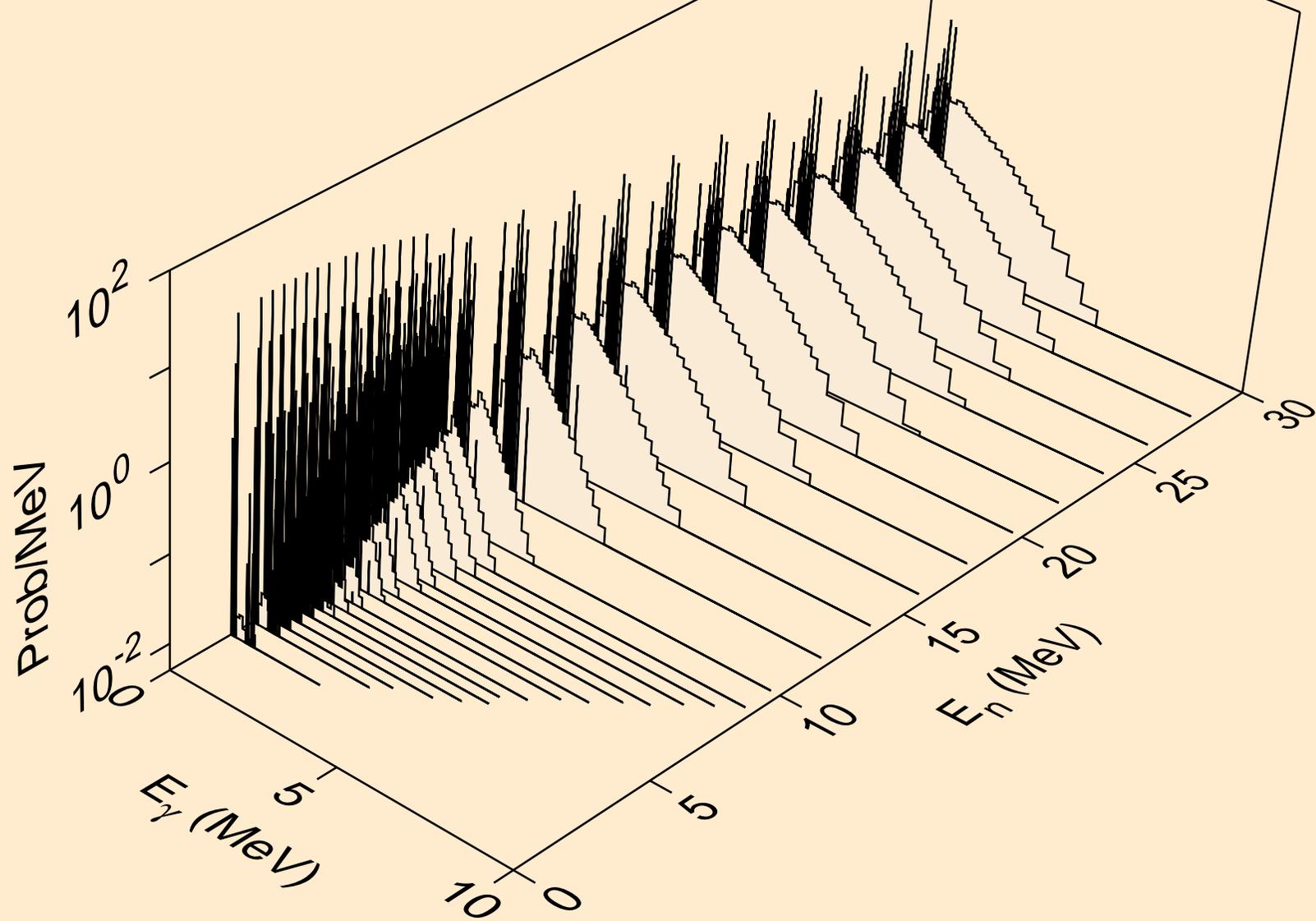
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



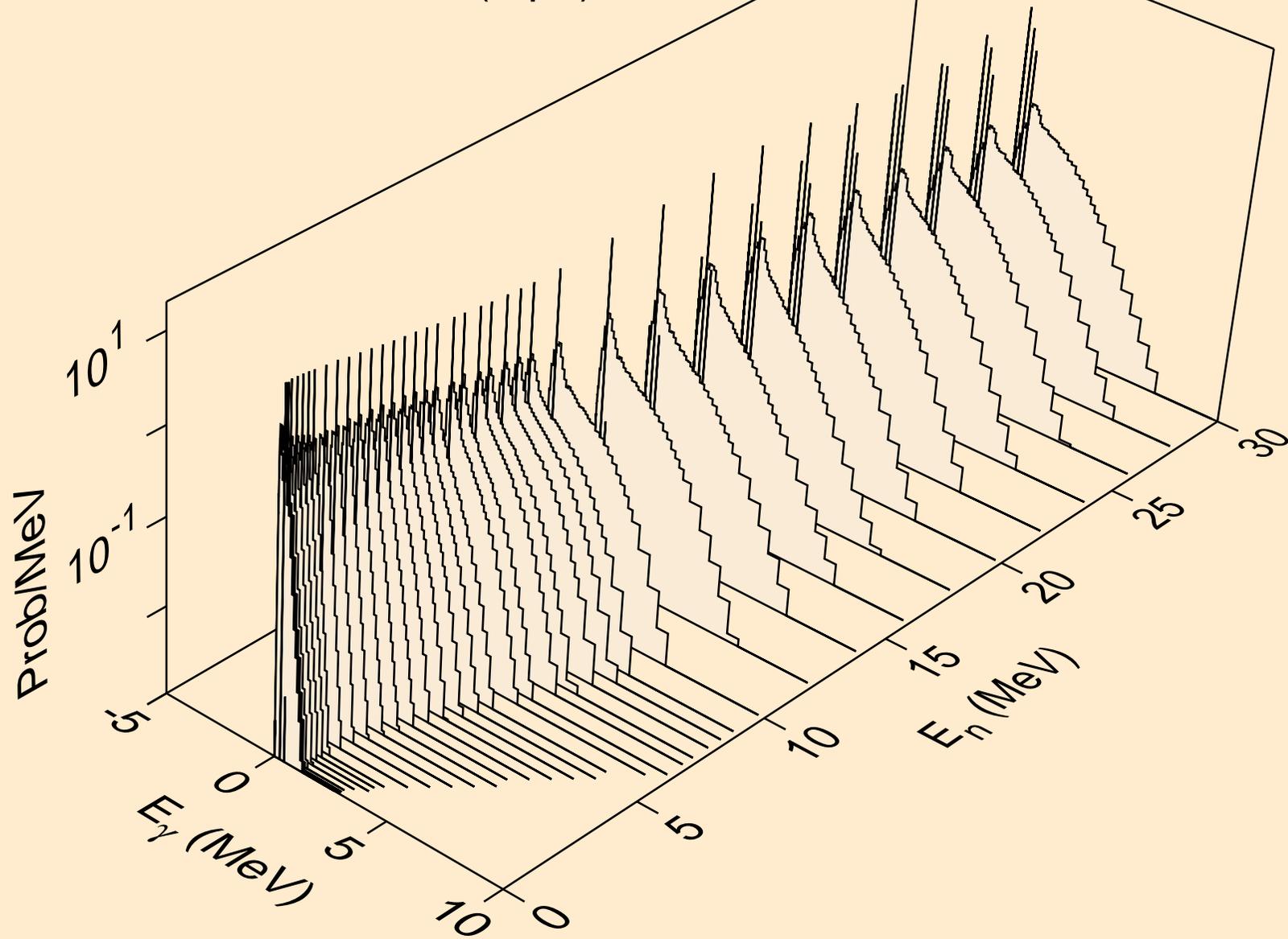
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



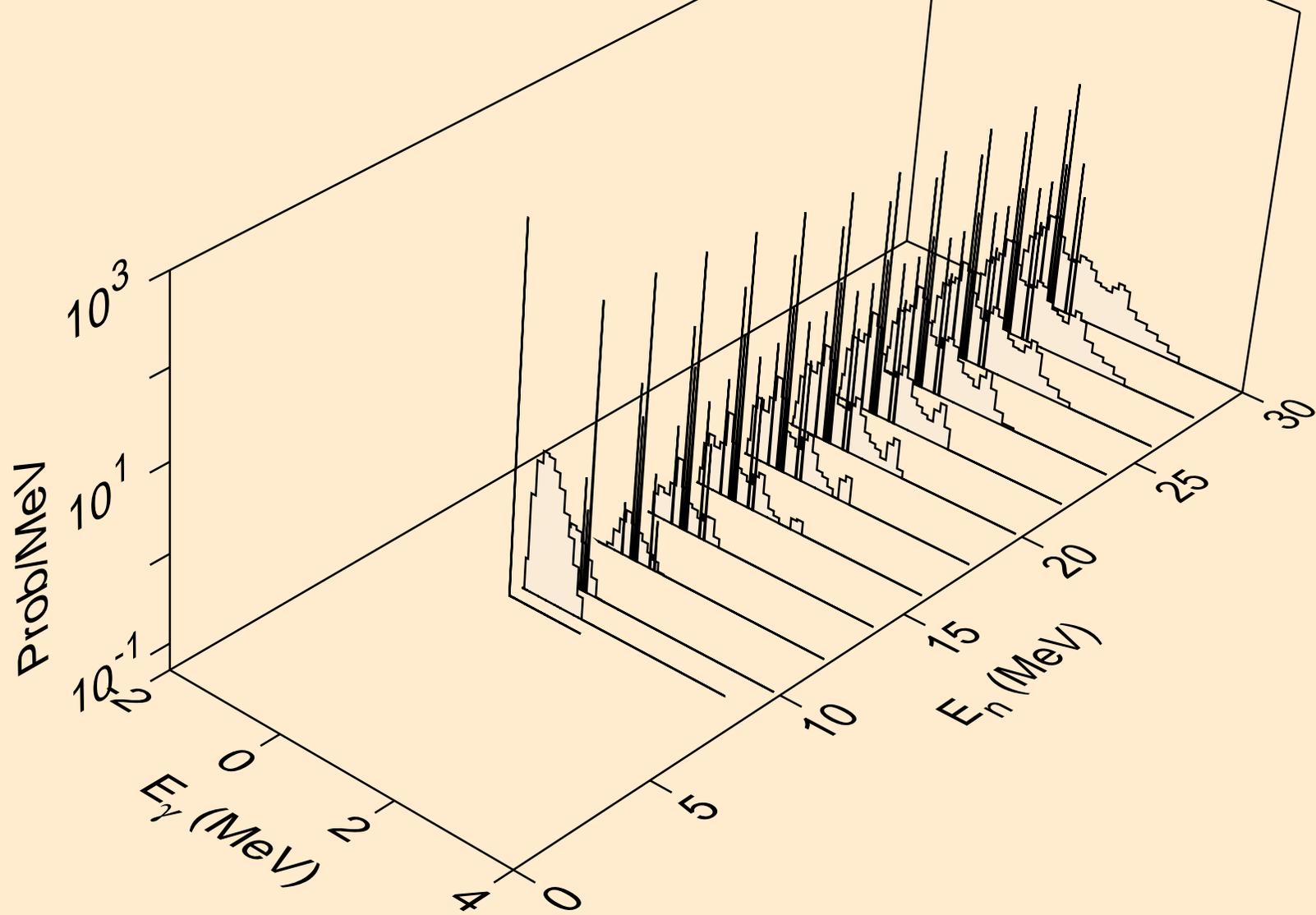
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



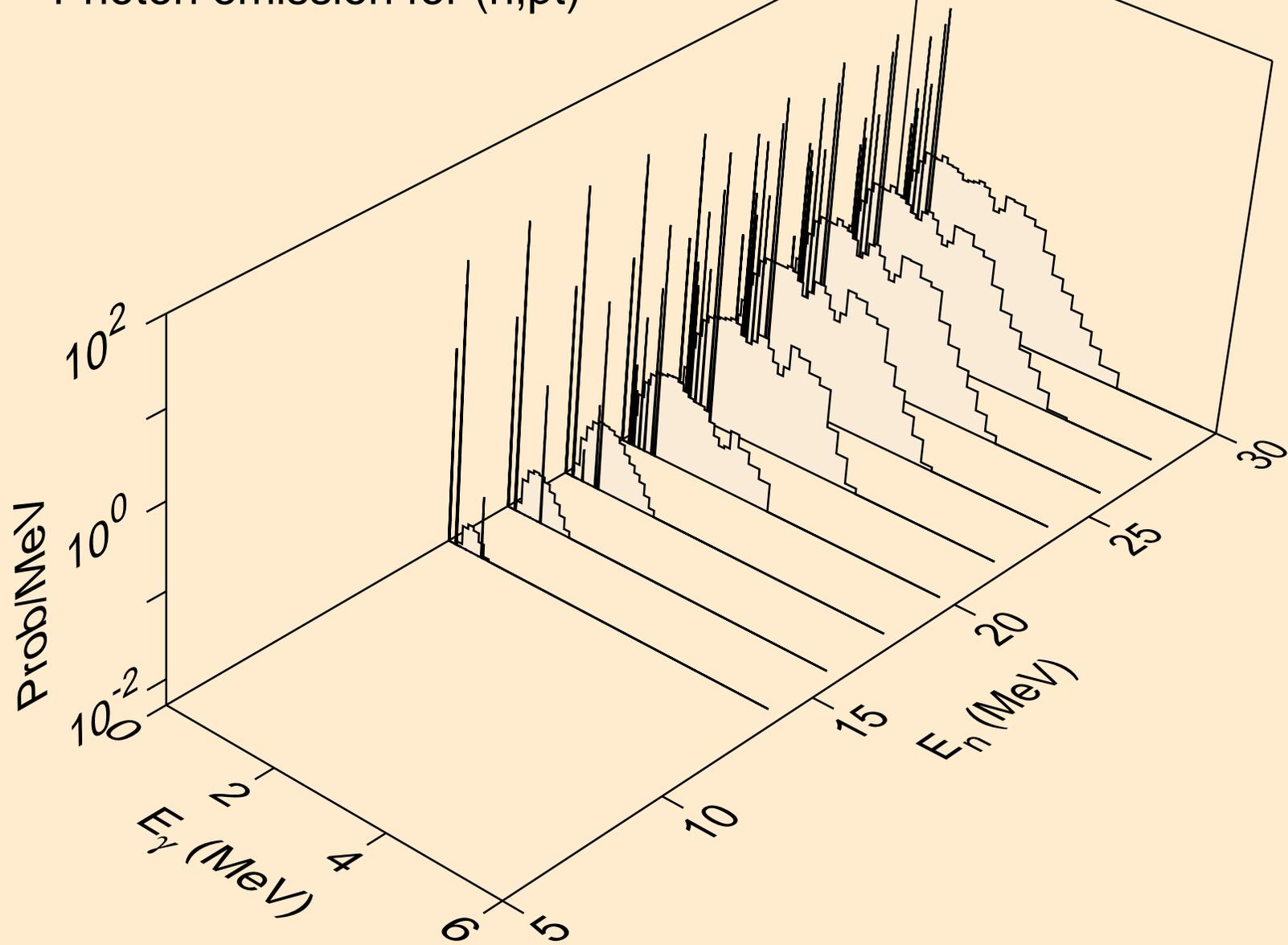
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



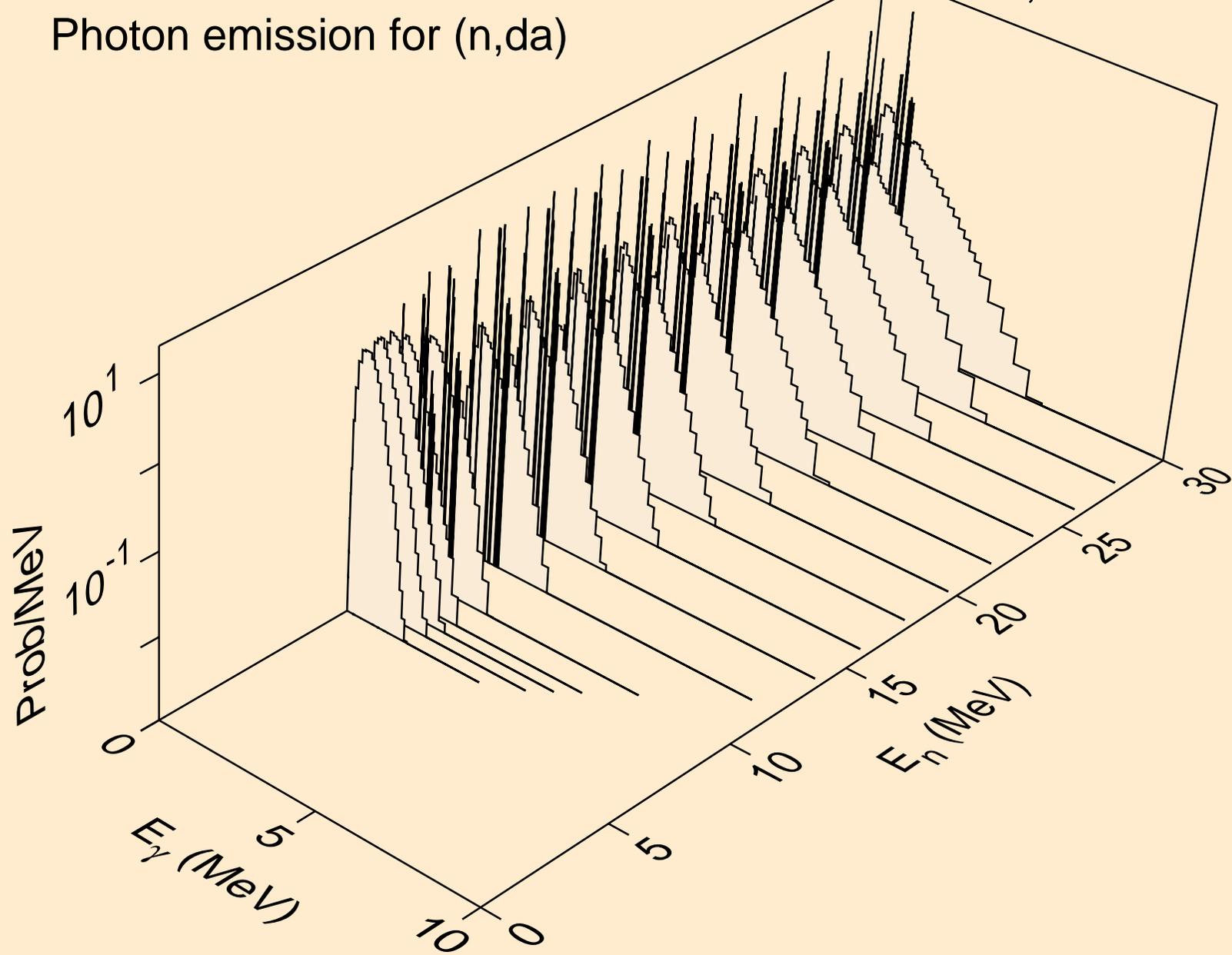
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



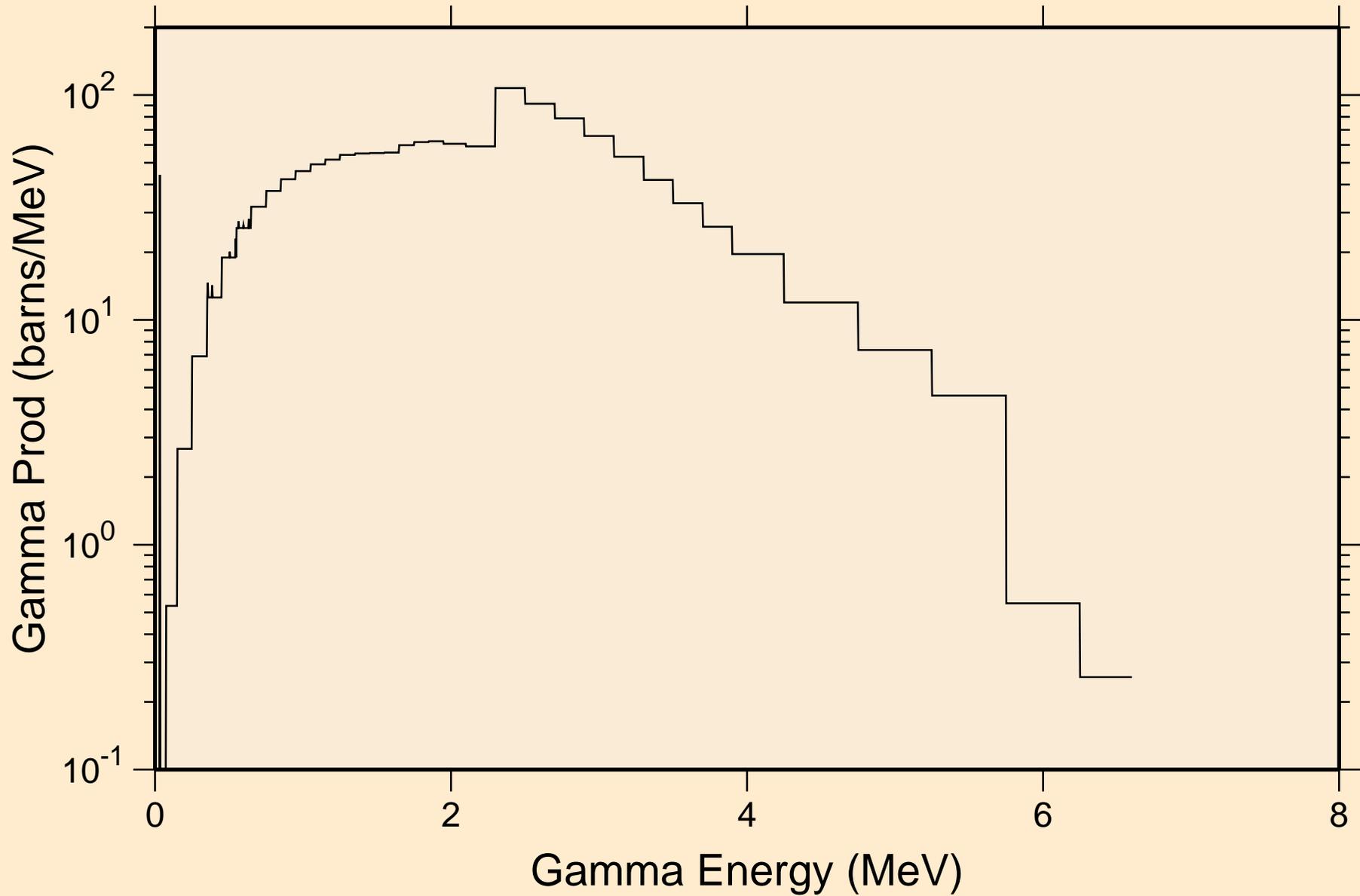
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



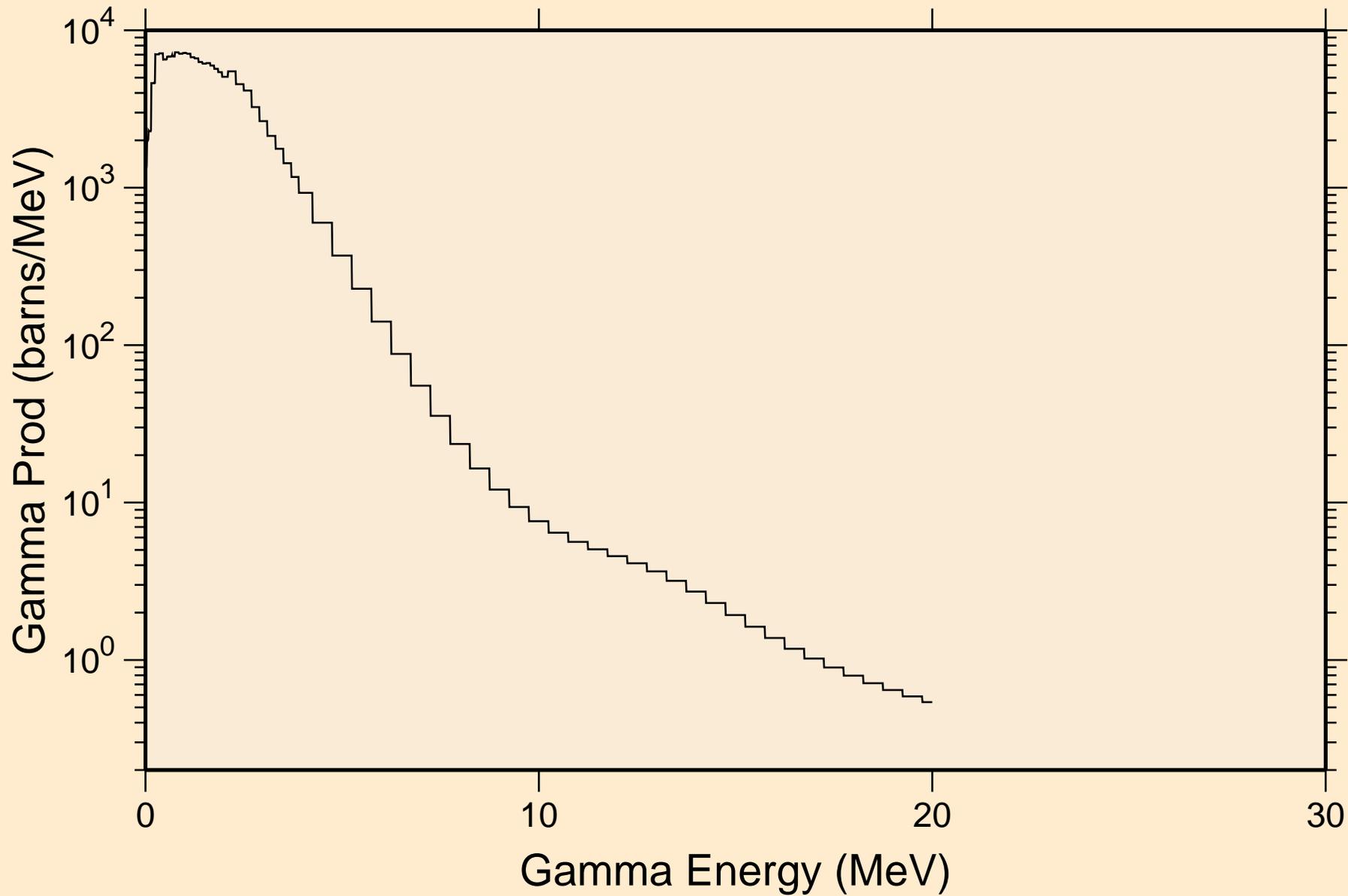
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

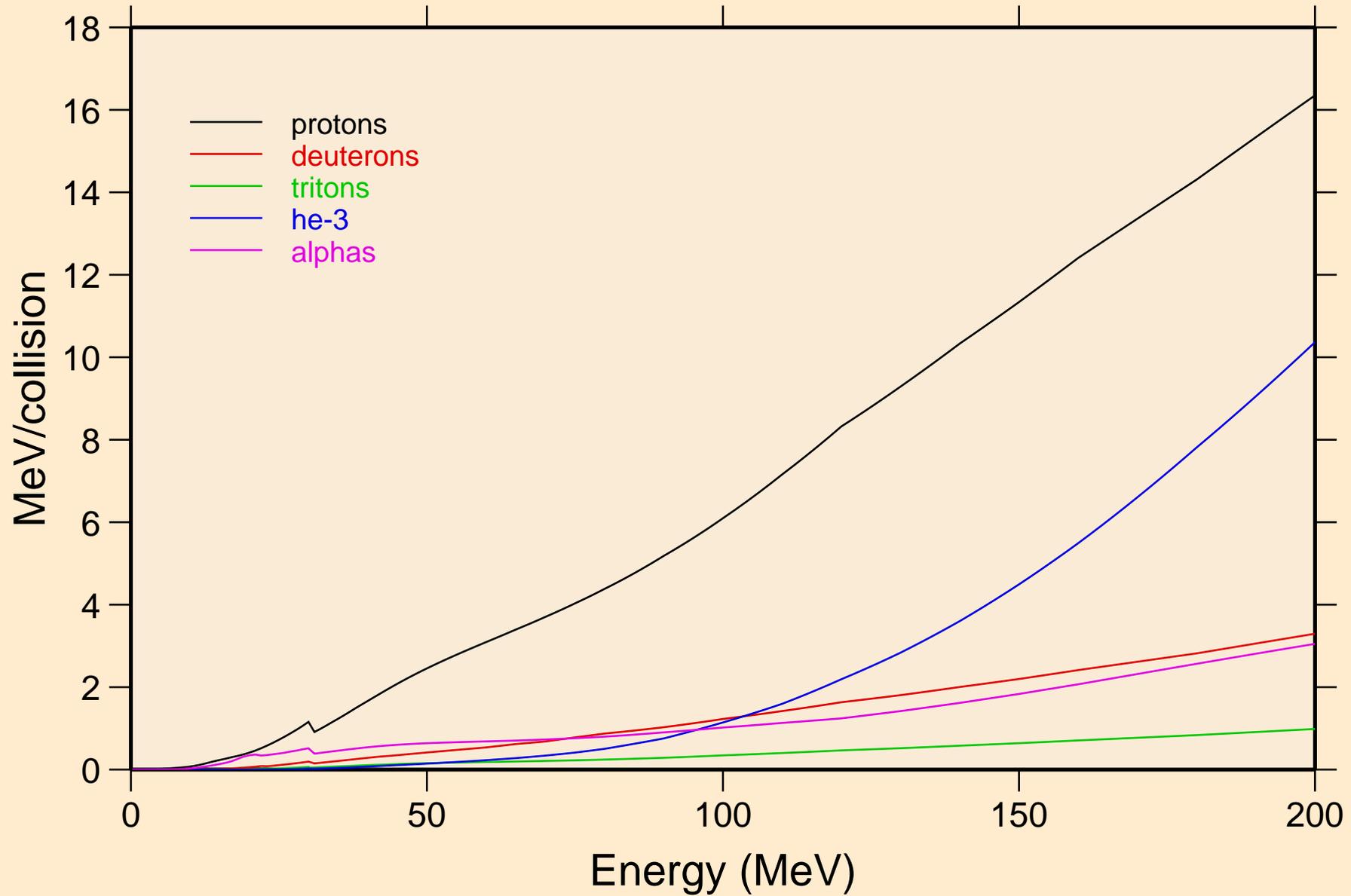


RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

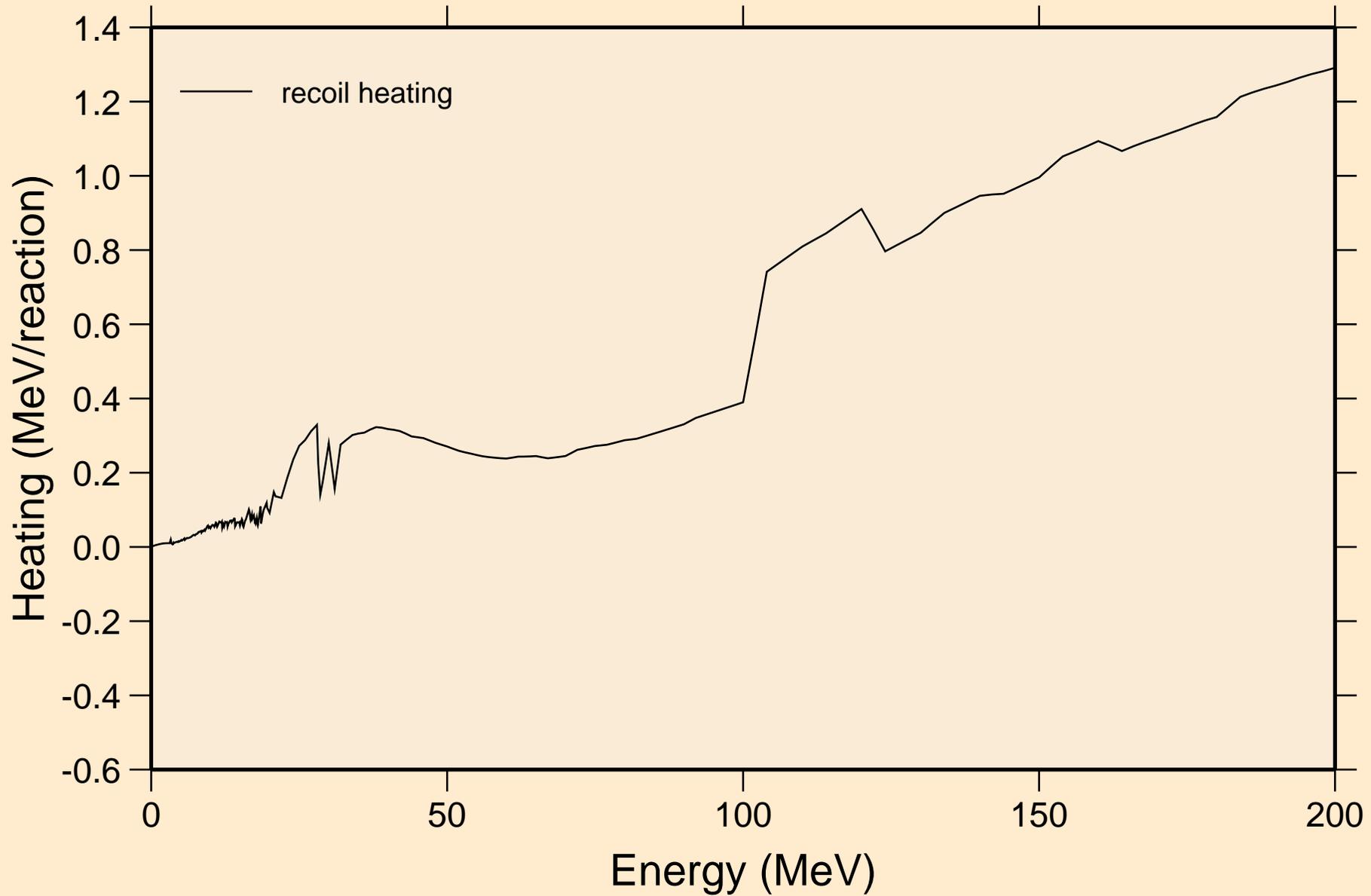


# RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

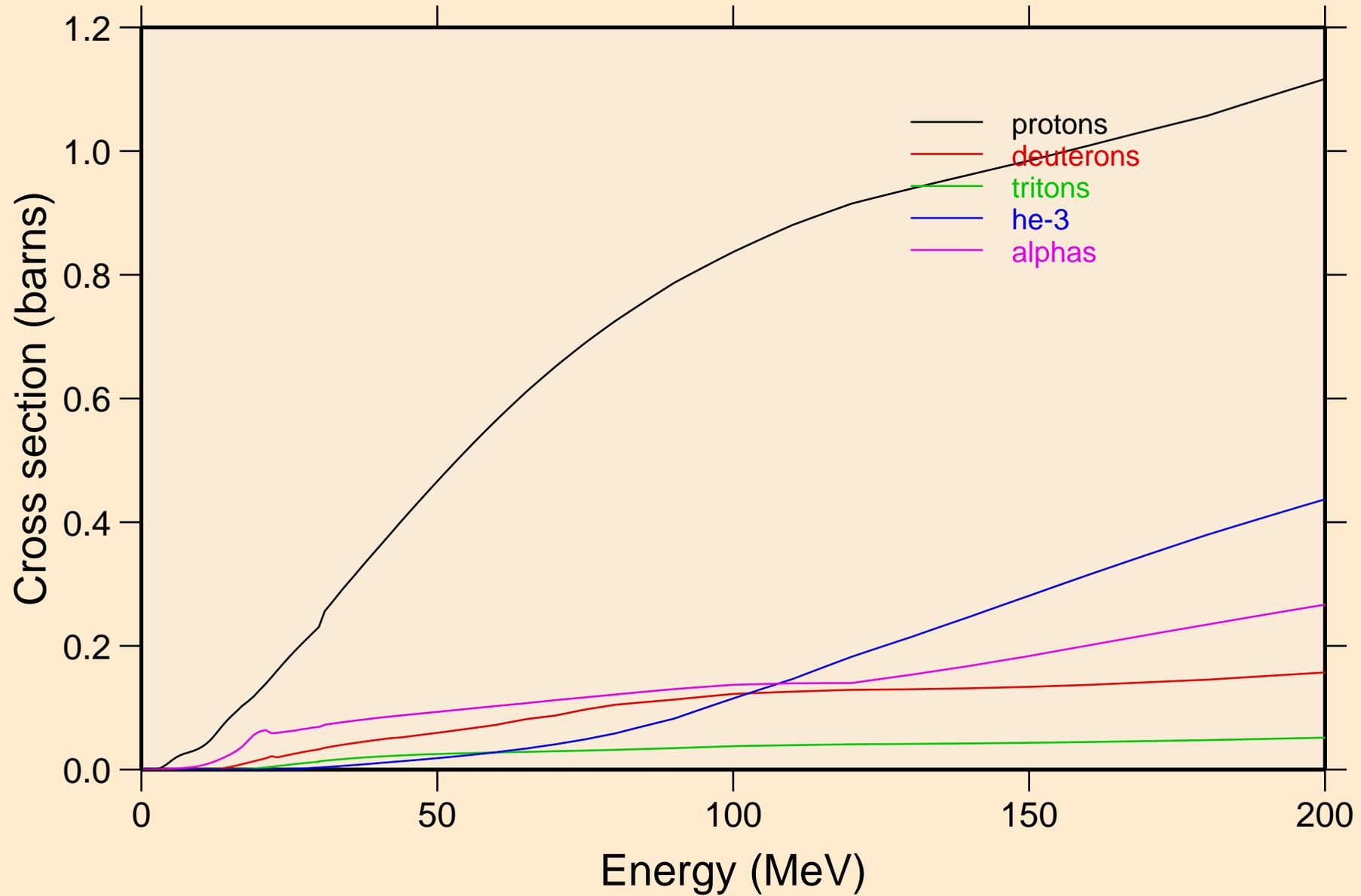
## Particle heating contributions



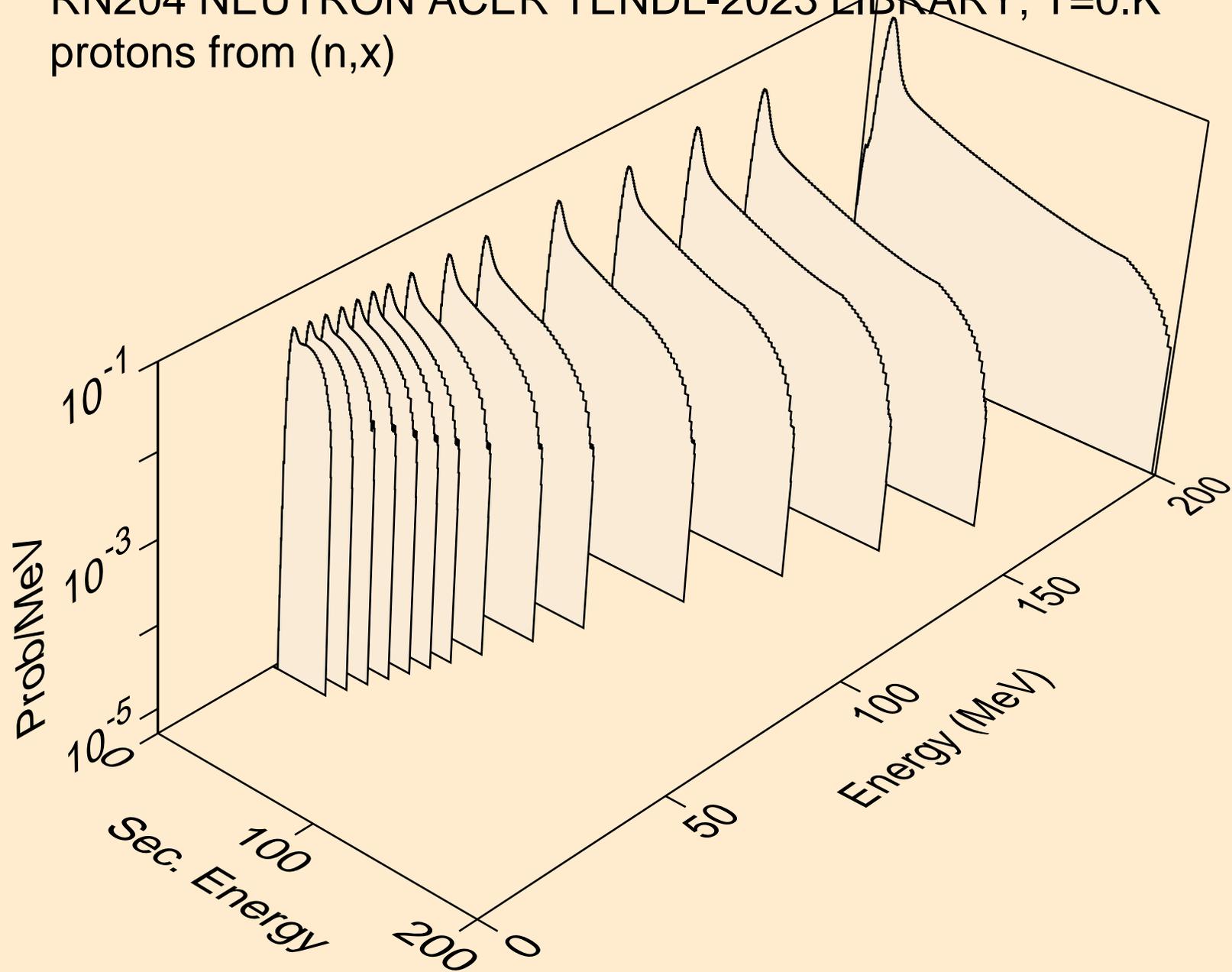
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



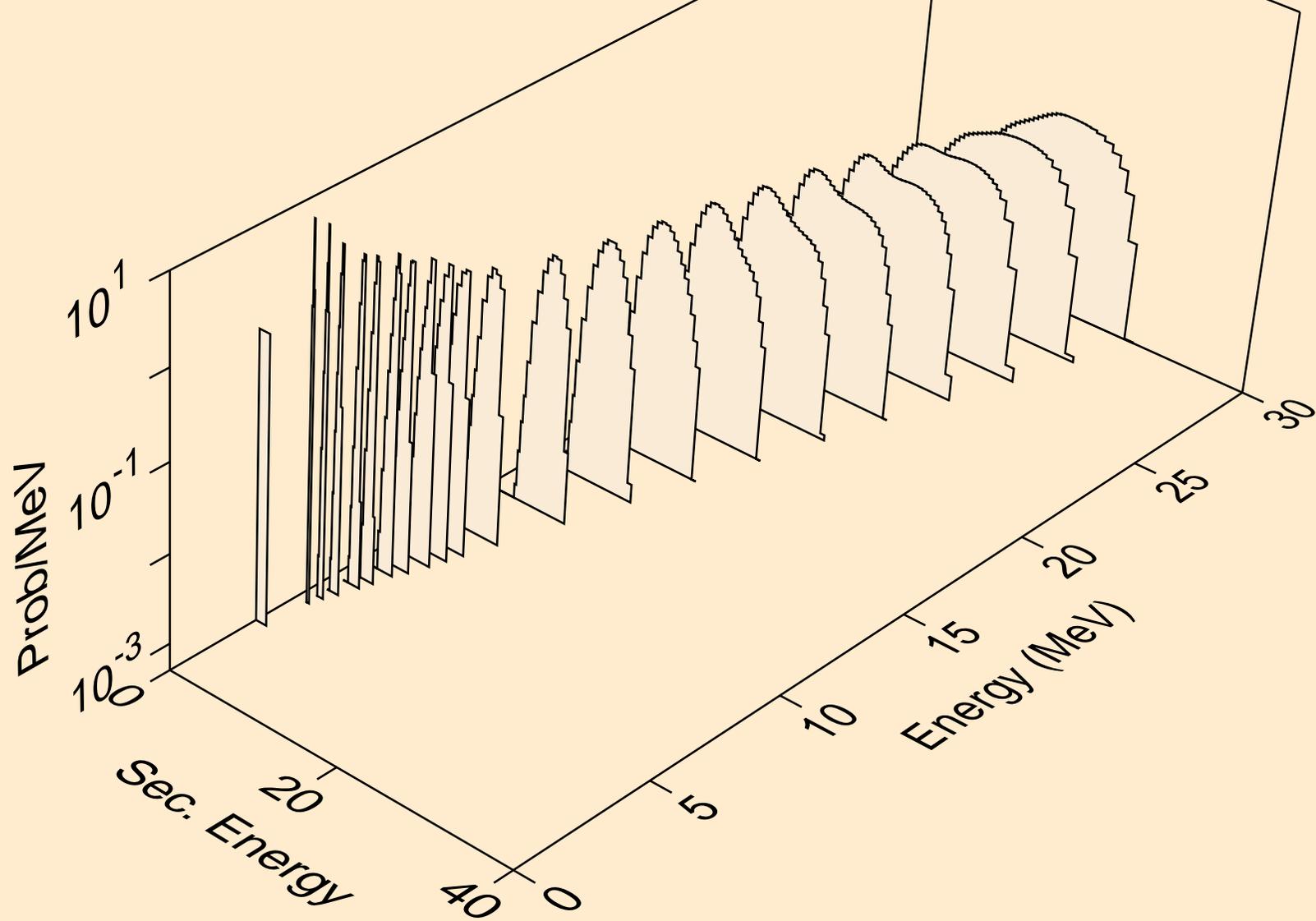
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



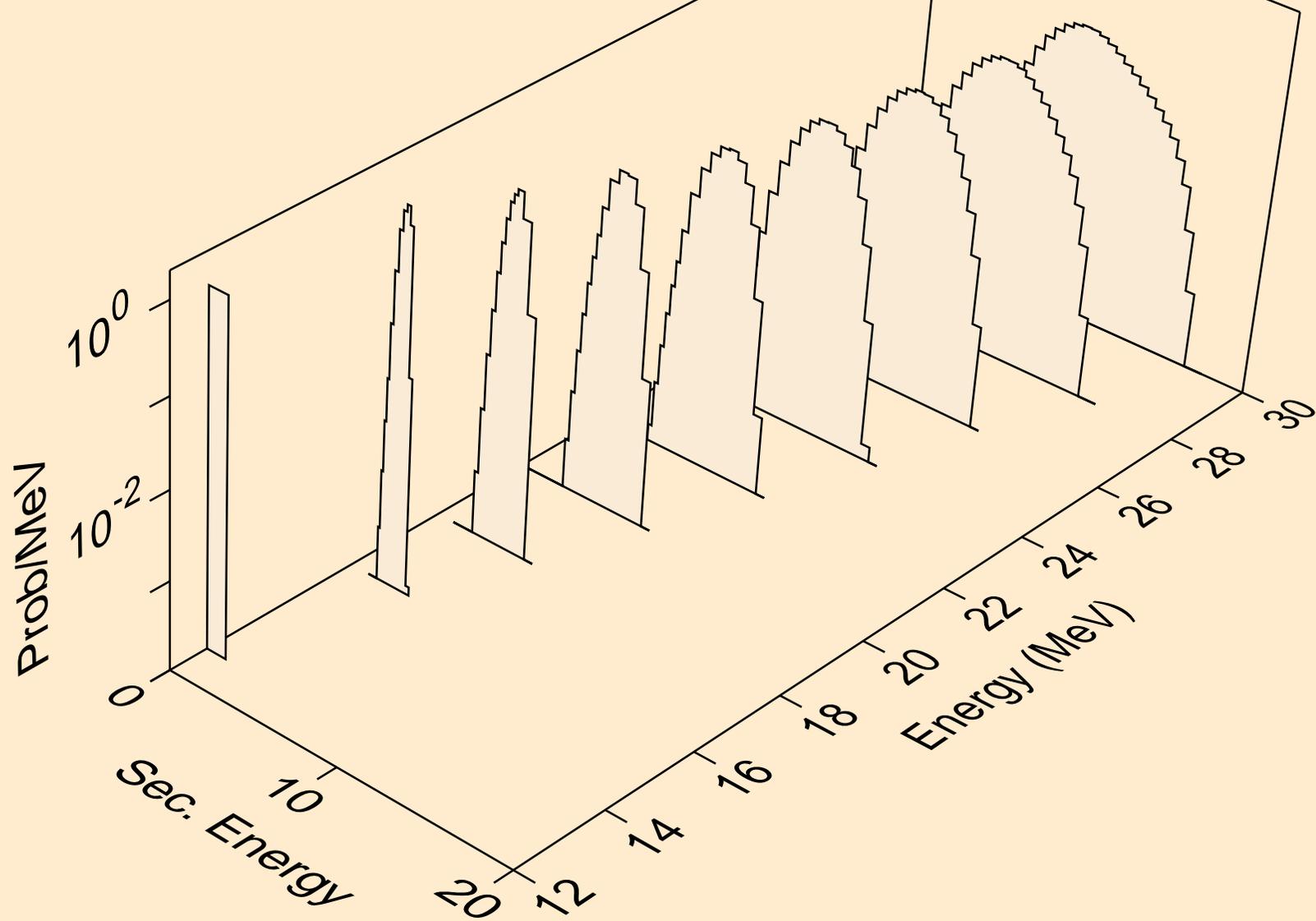
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



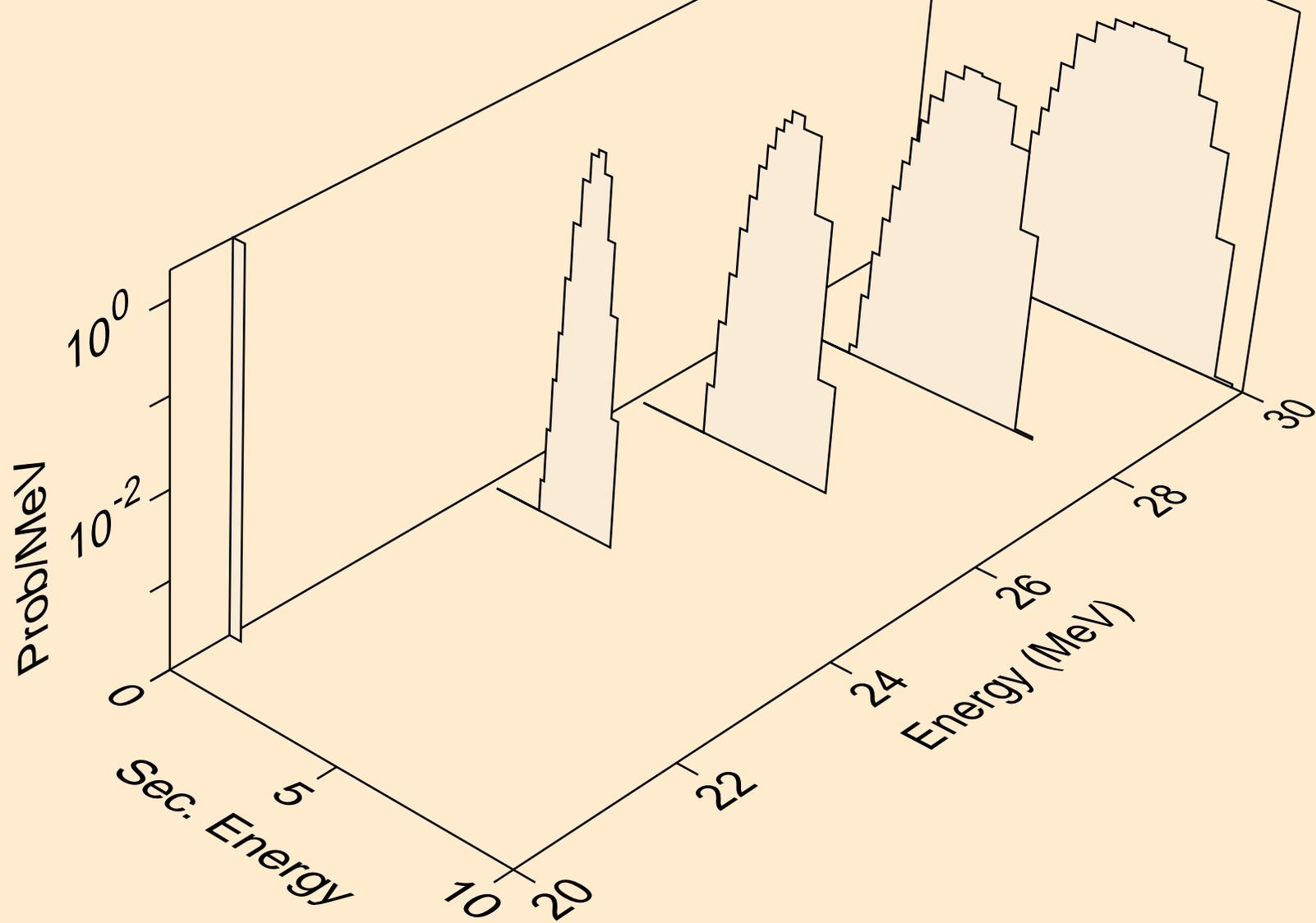
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



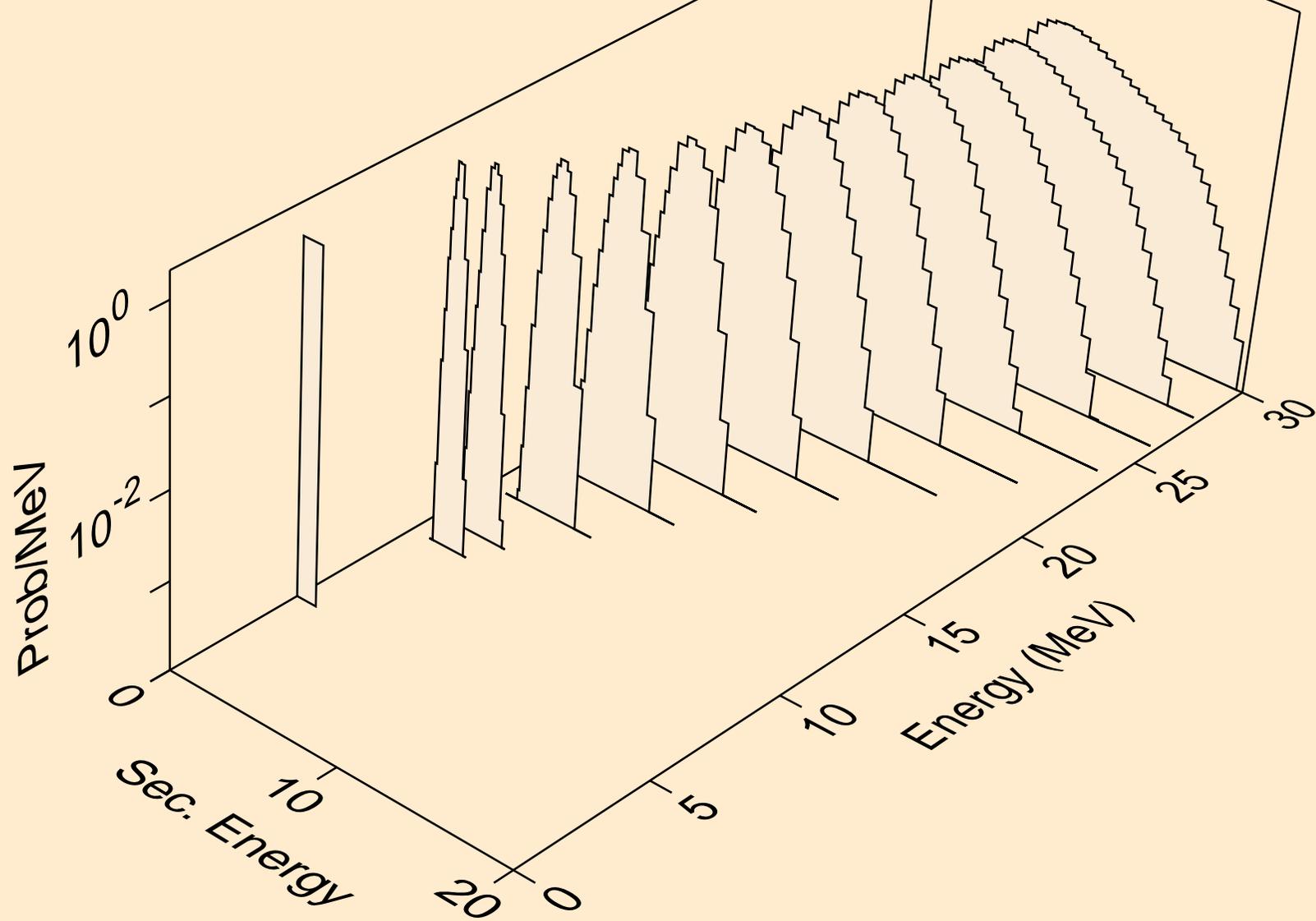
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



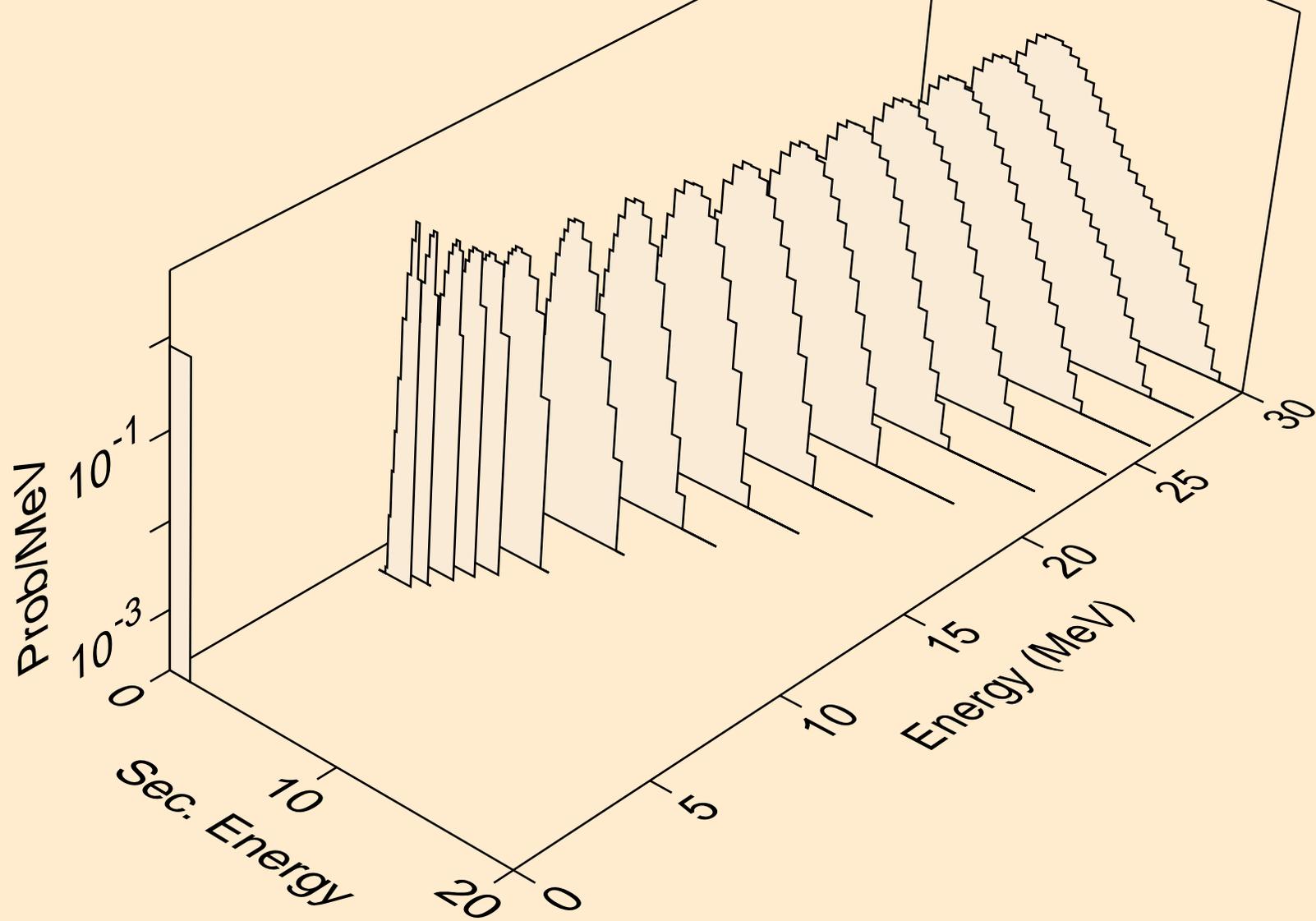
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



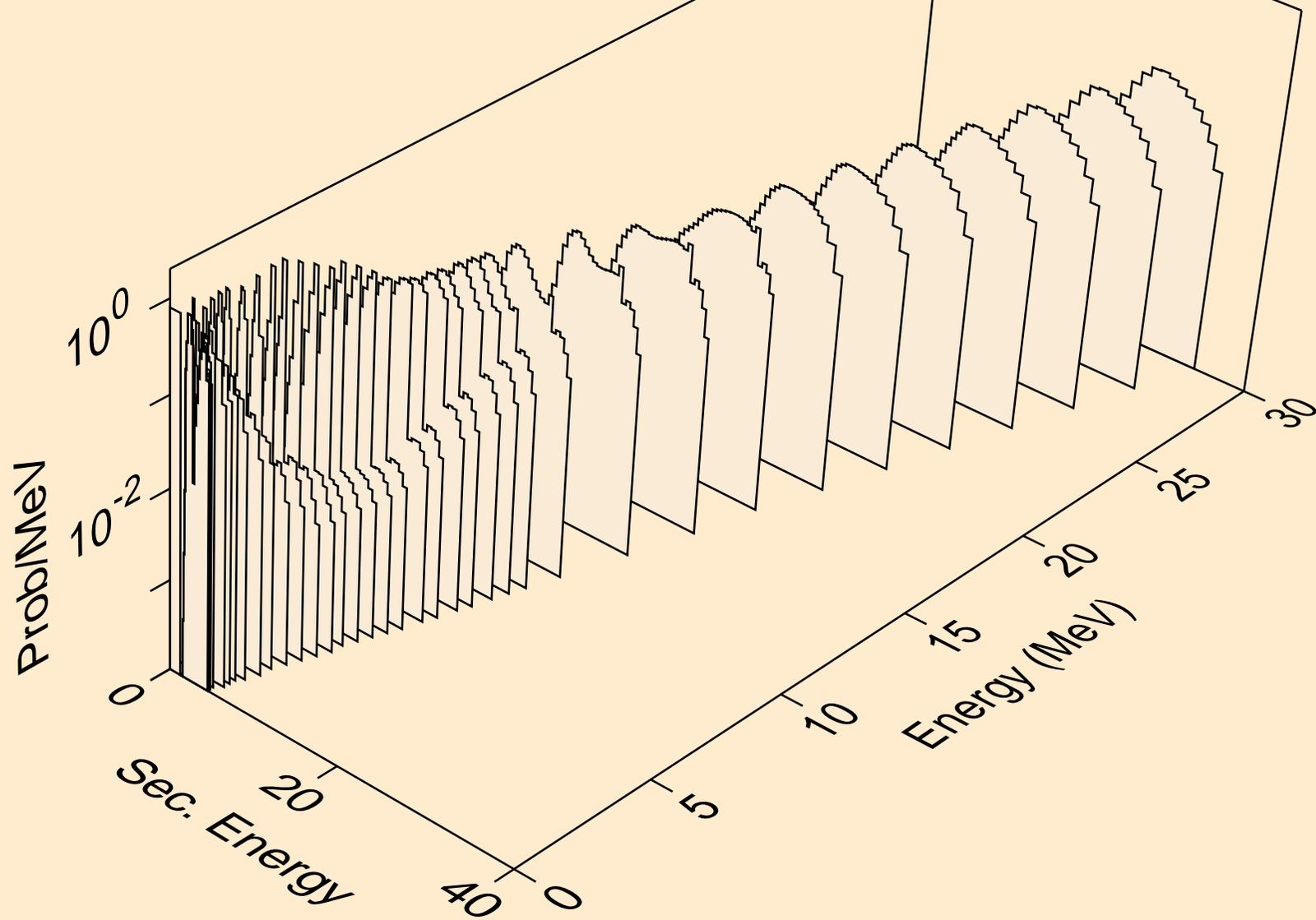
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



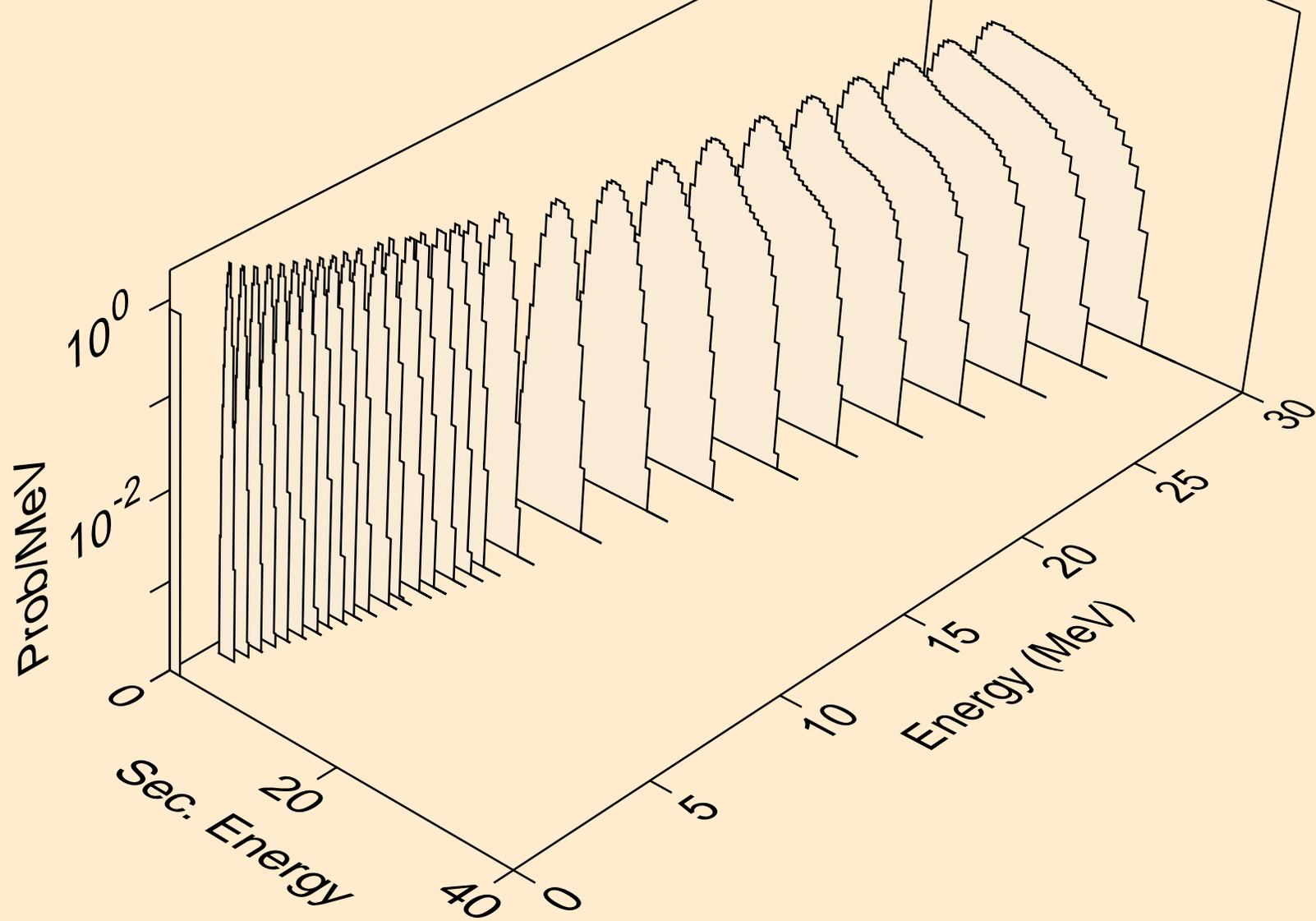
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



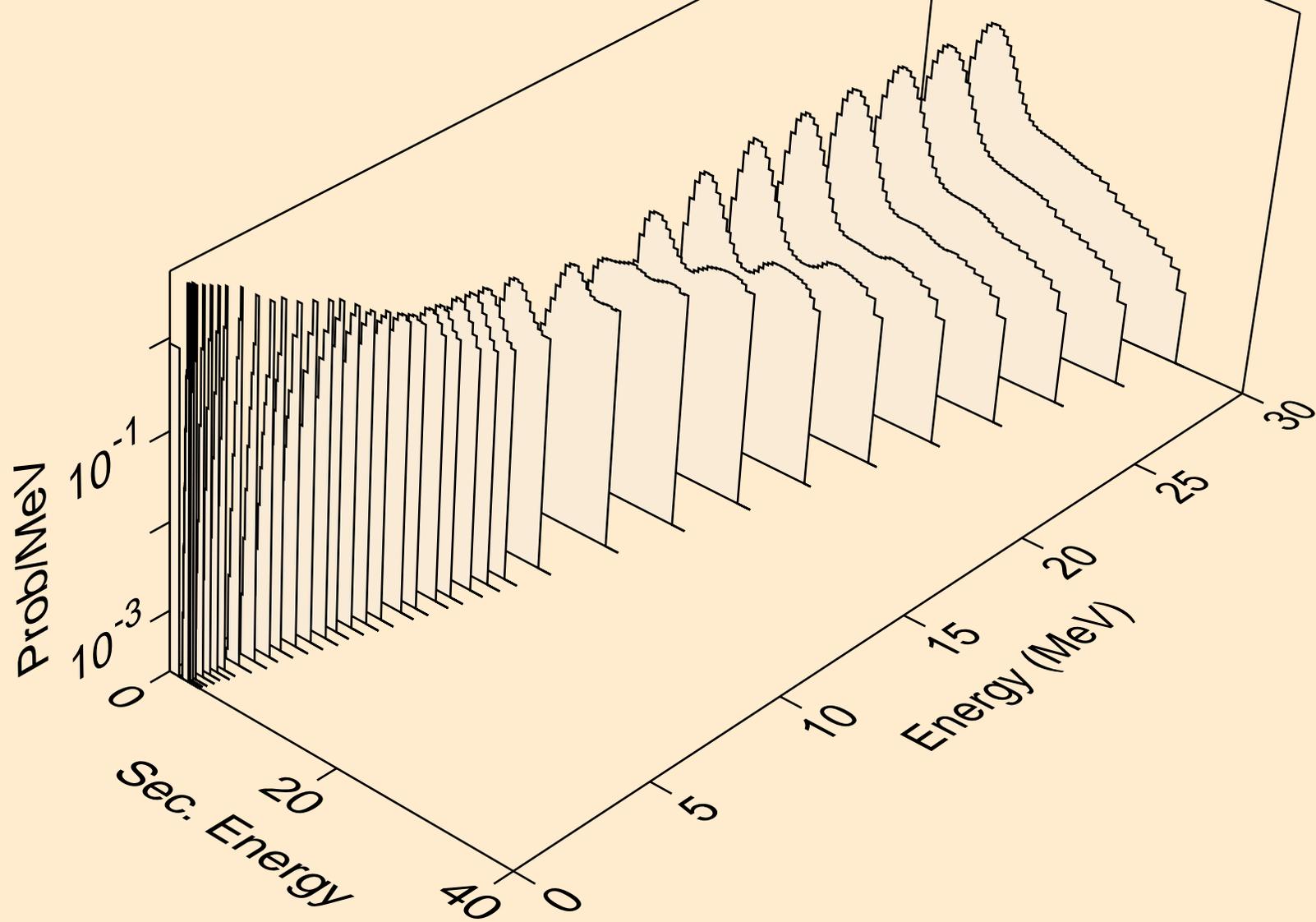
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



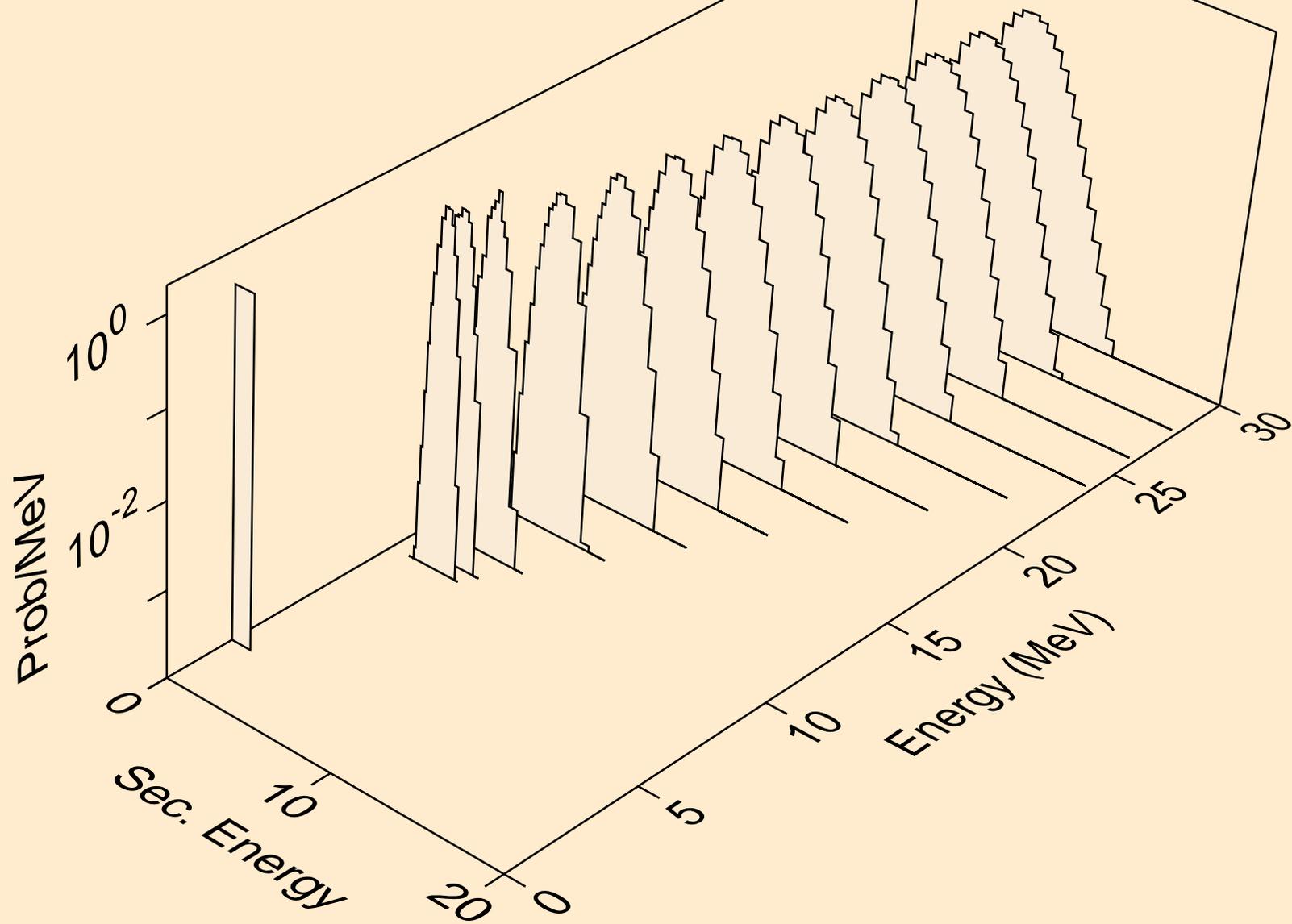
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



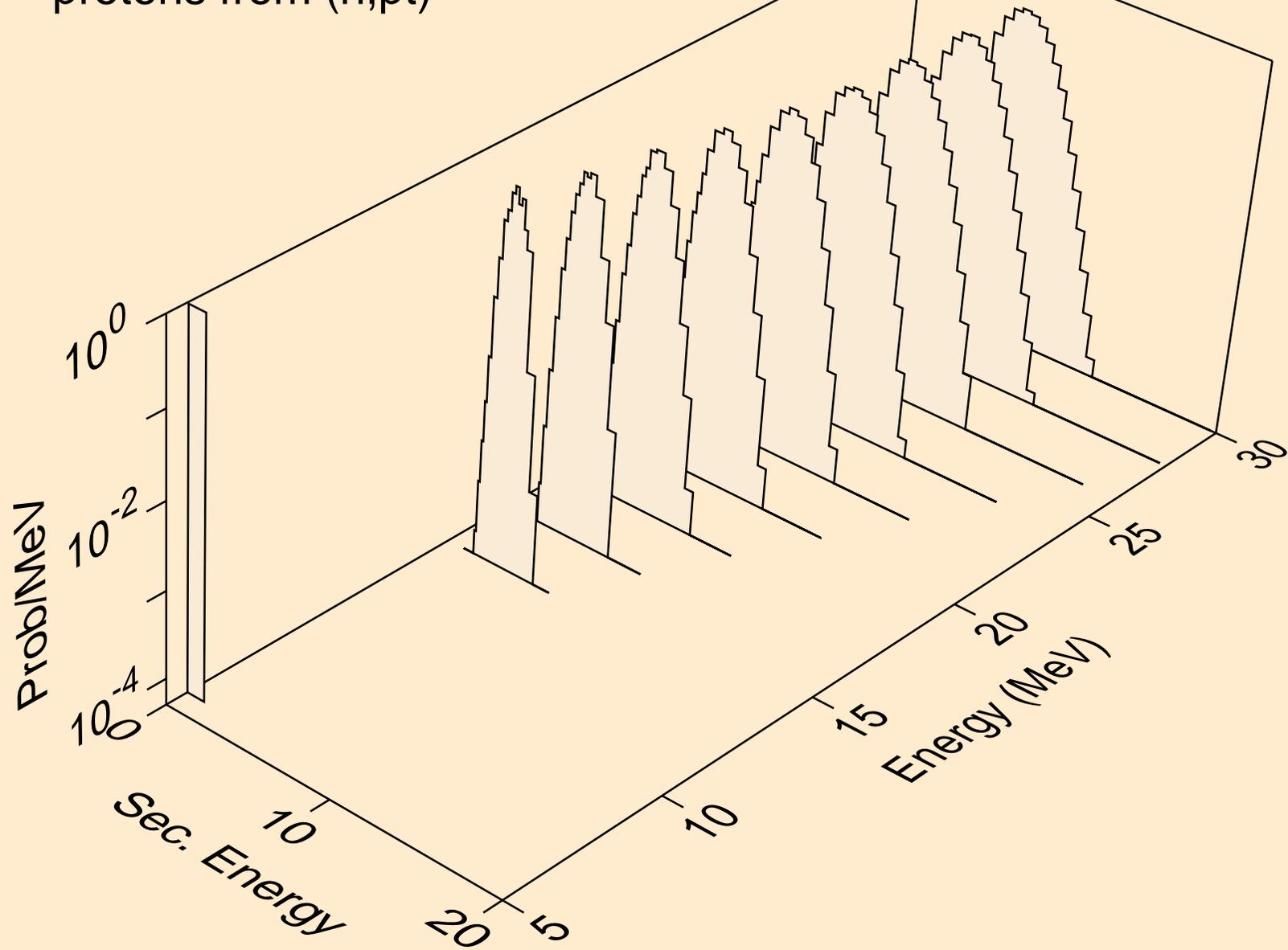
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



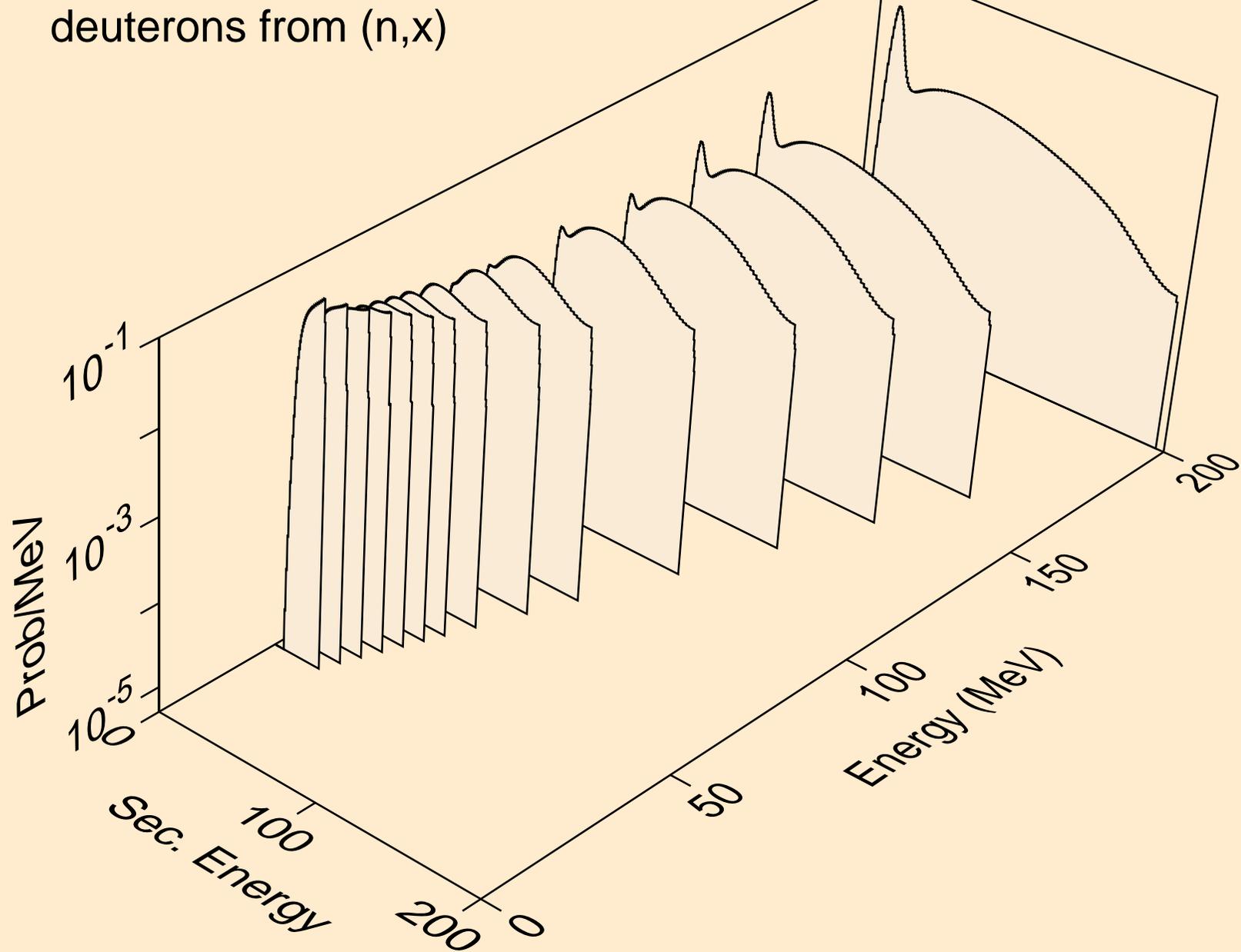
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



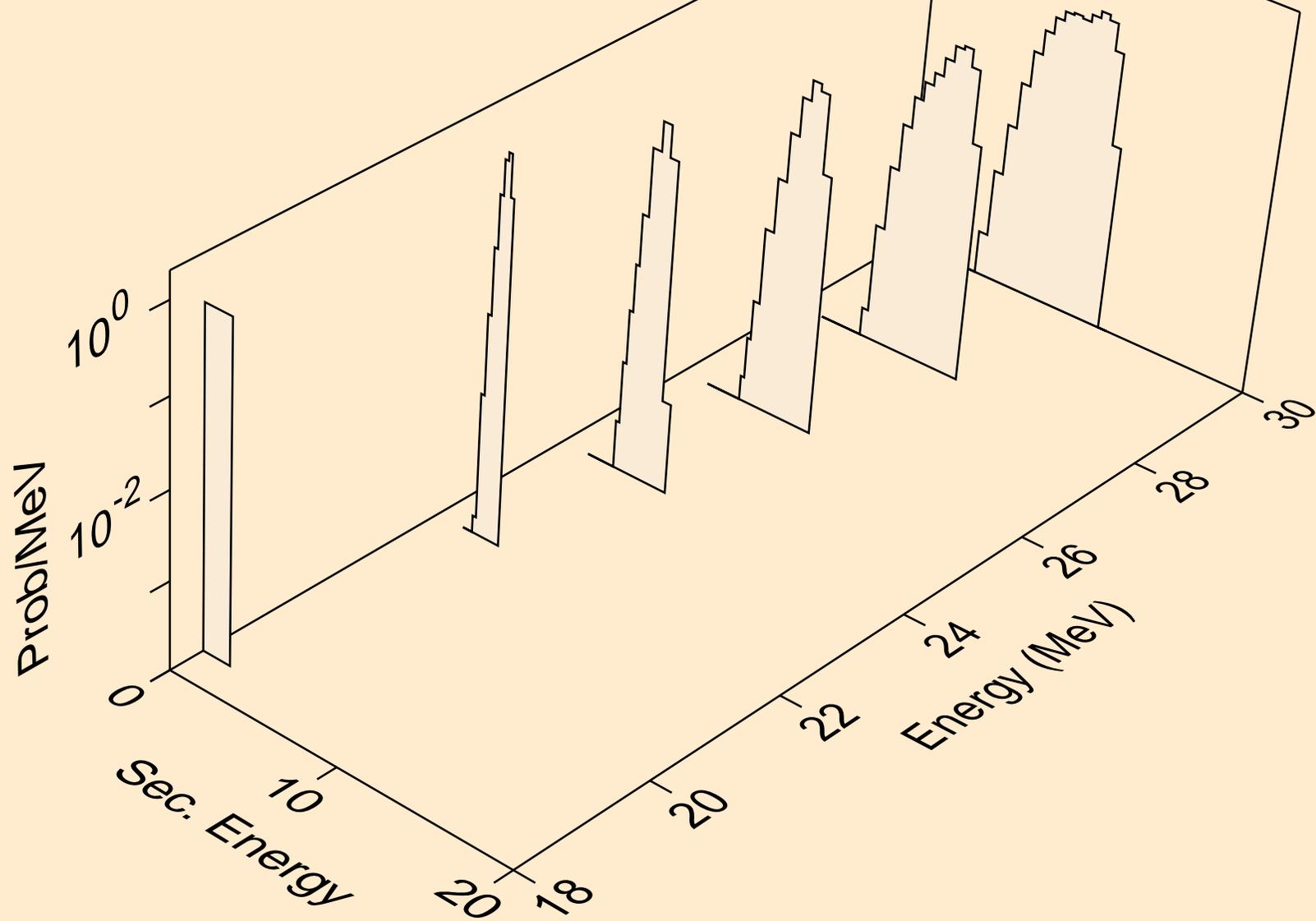
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



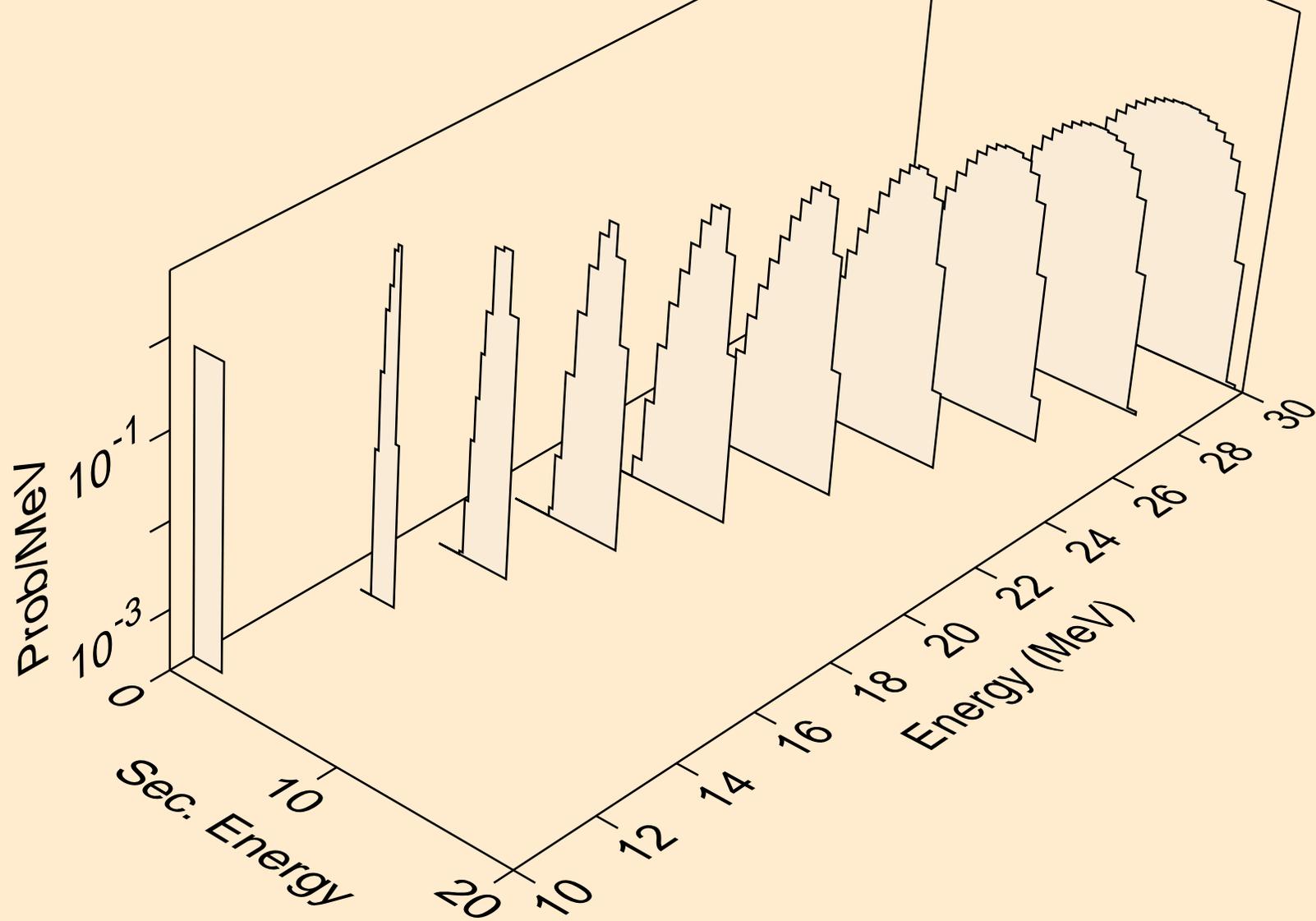
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



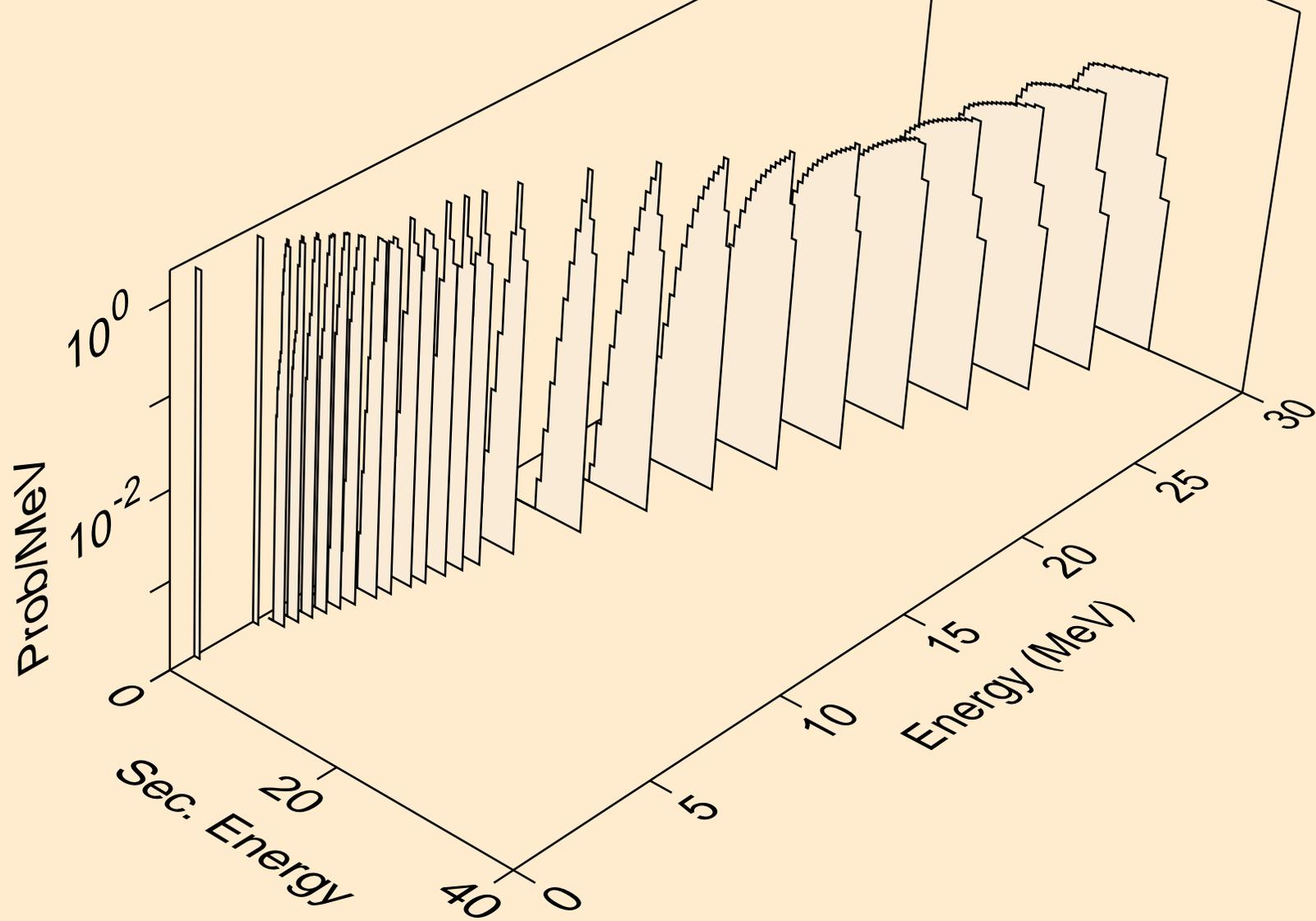
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



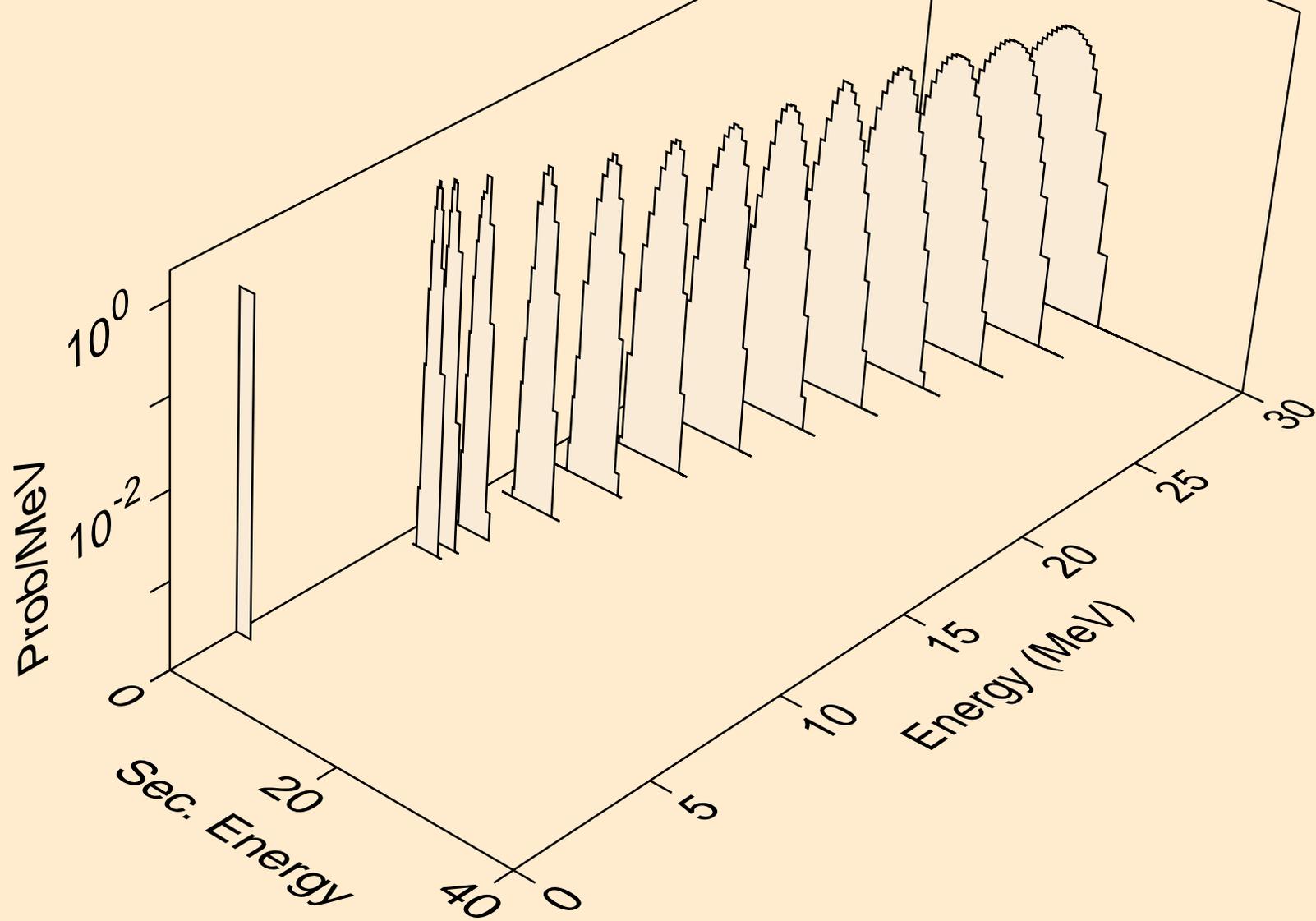
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



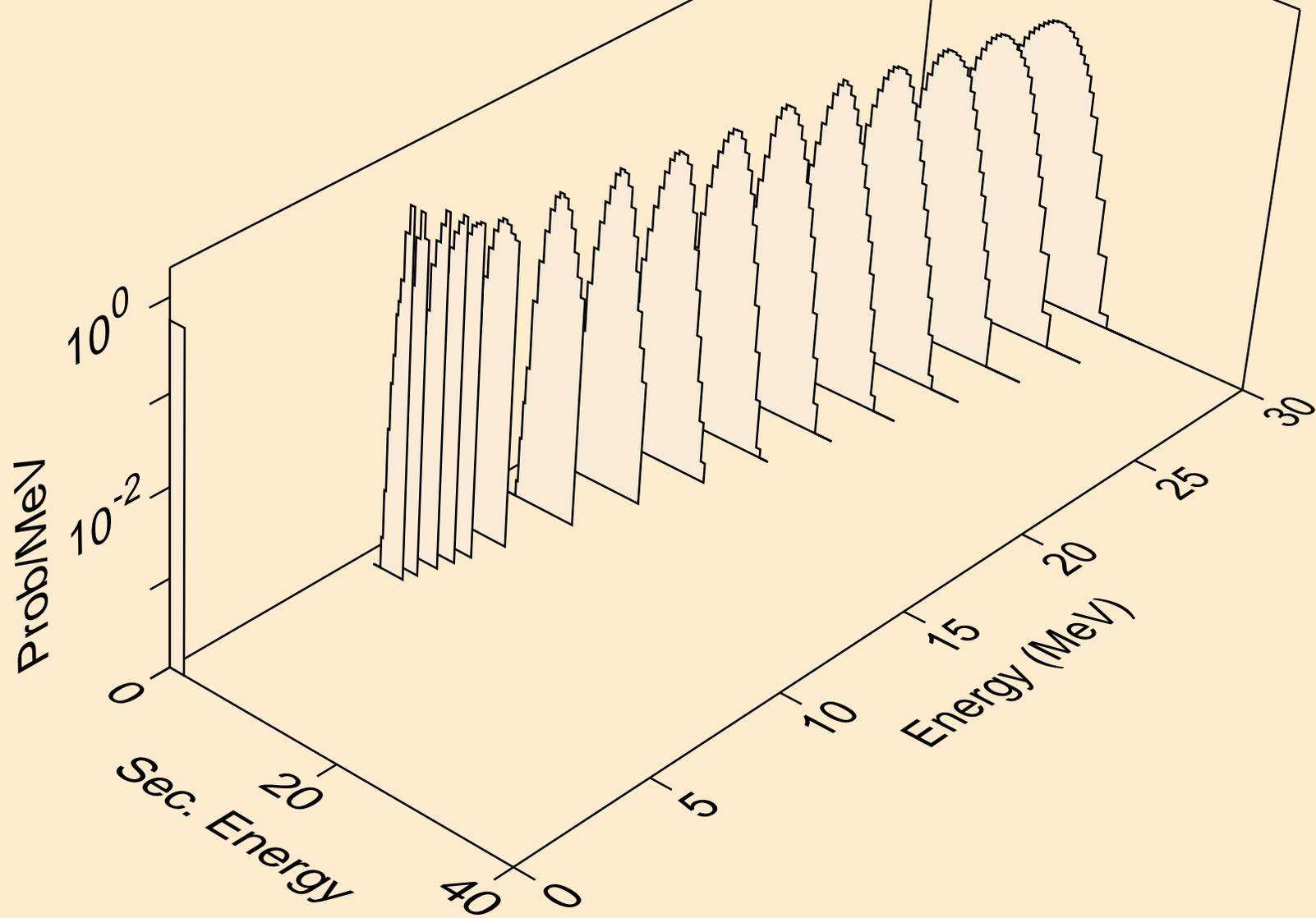
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



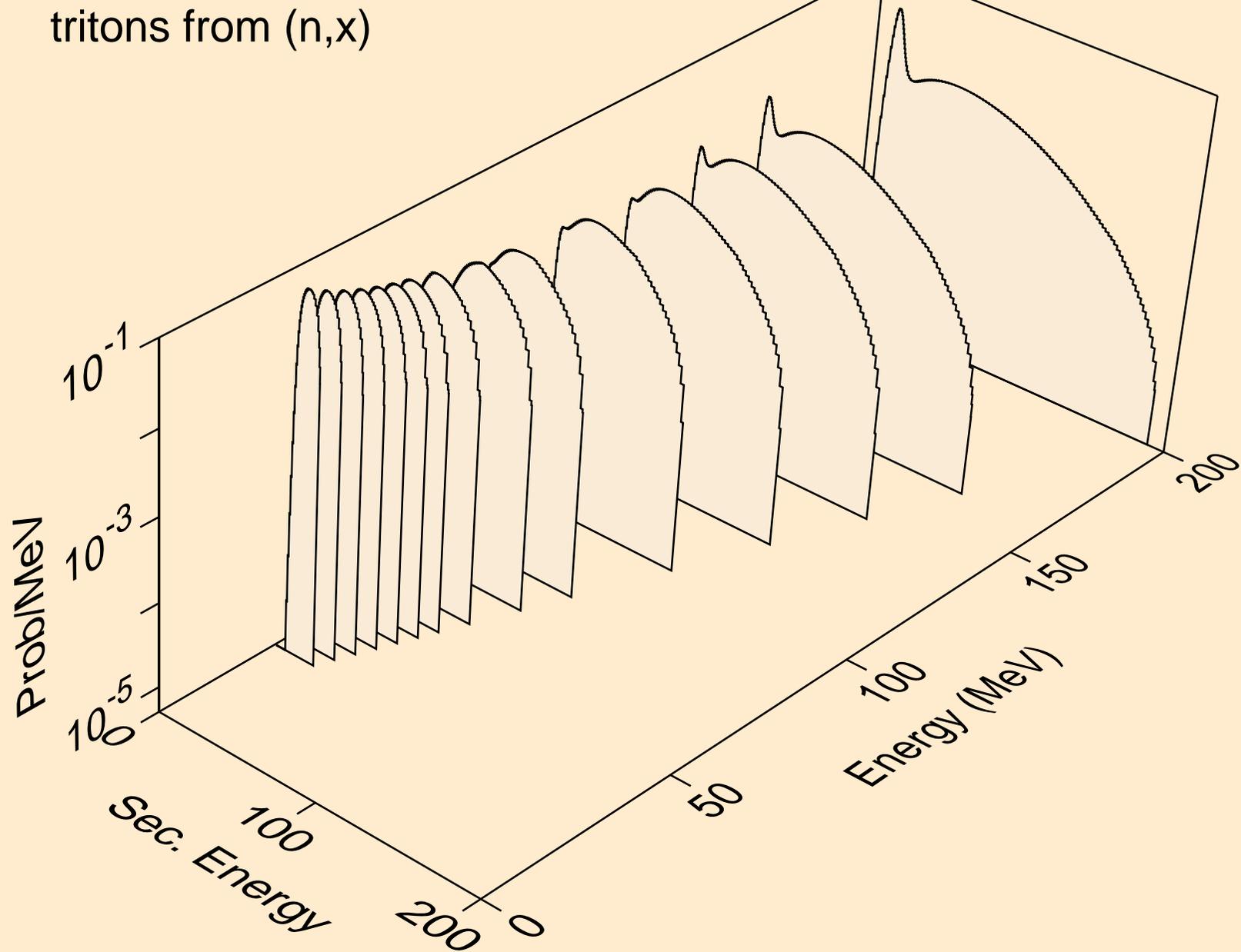
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



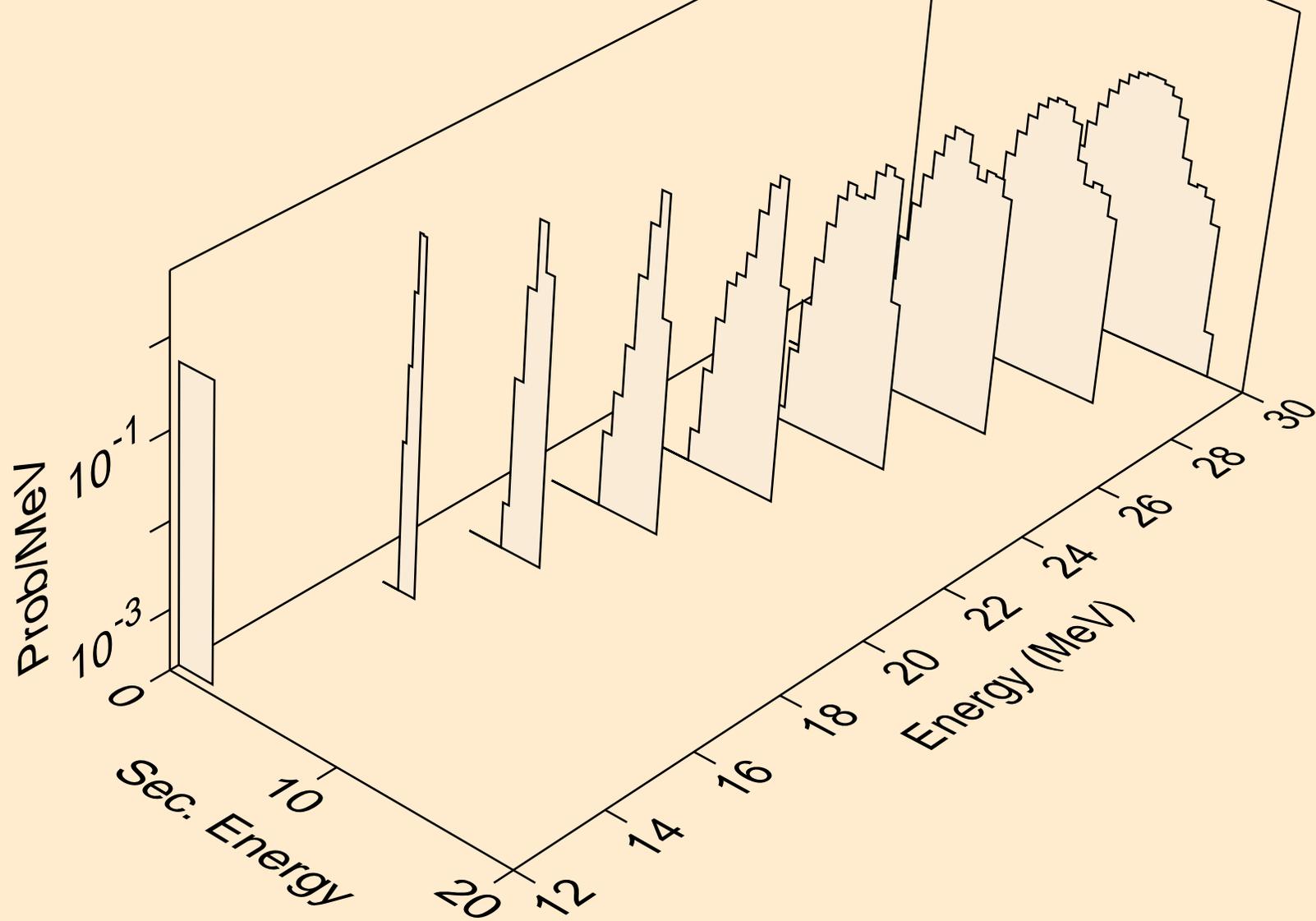
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



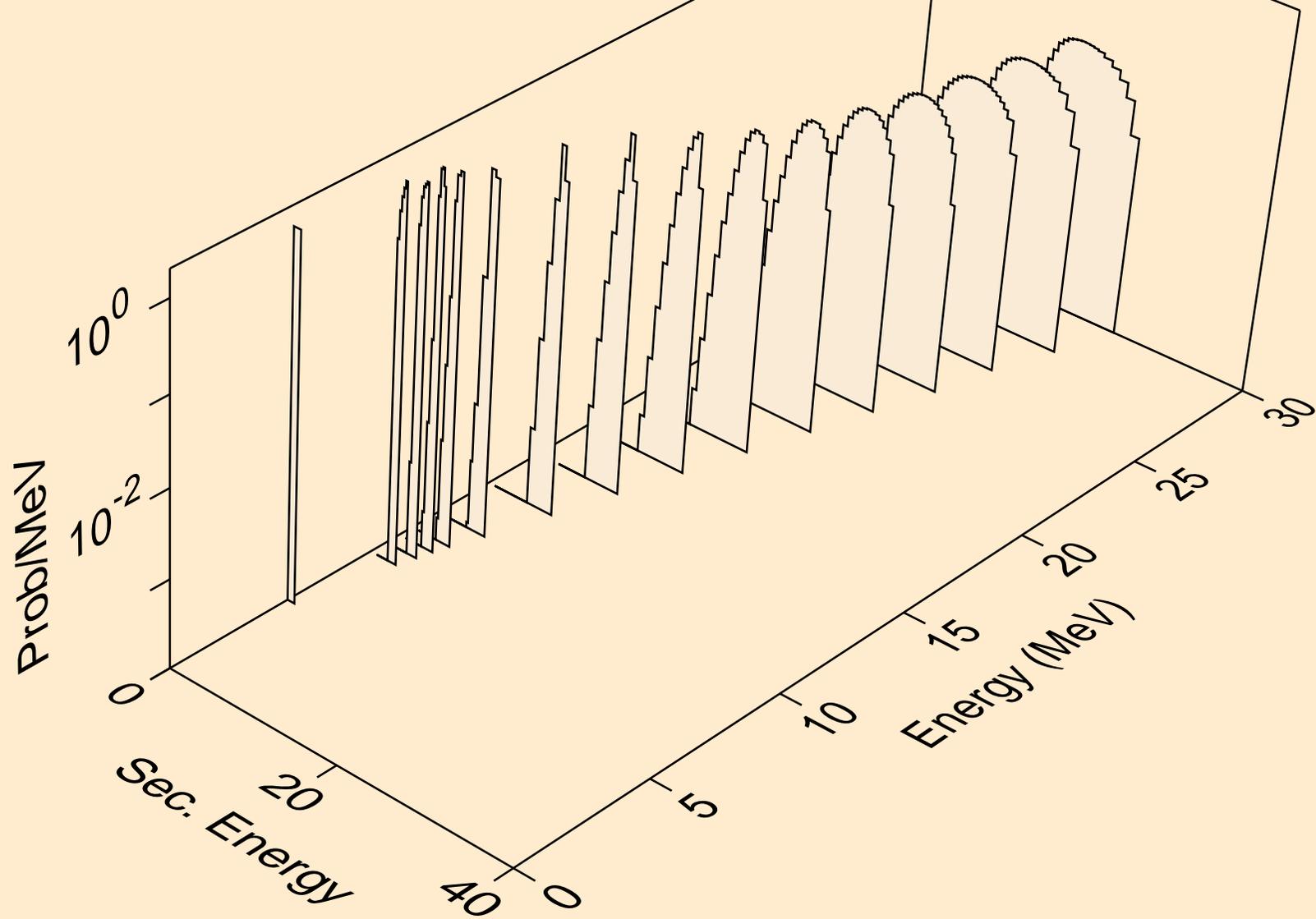
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



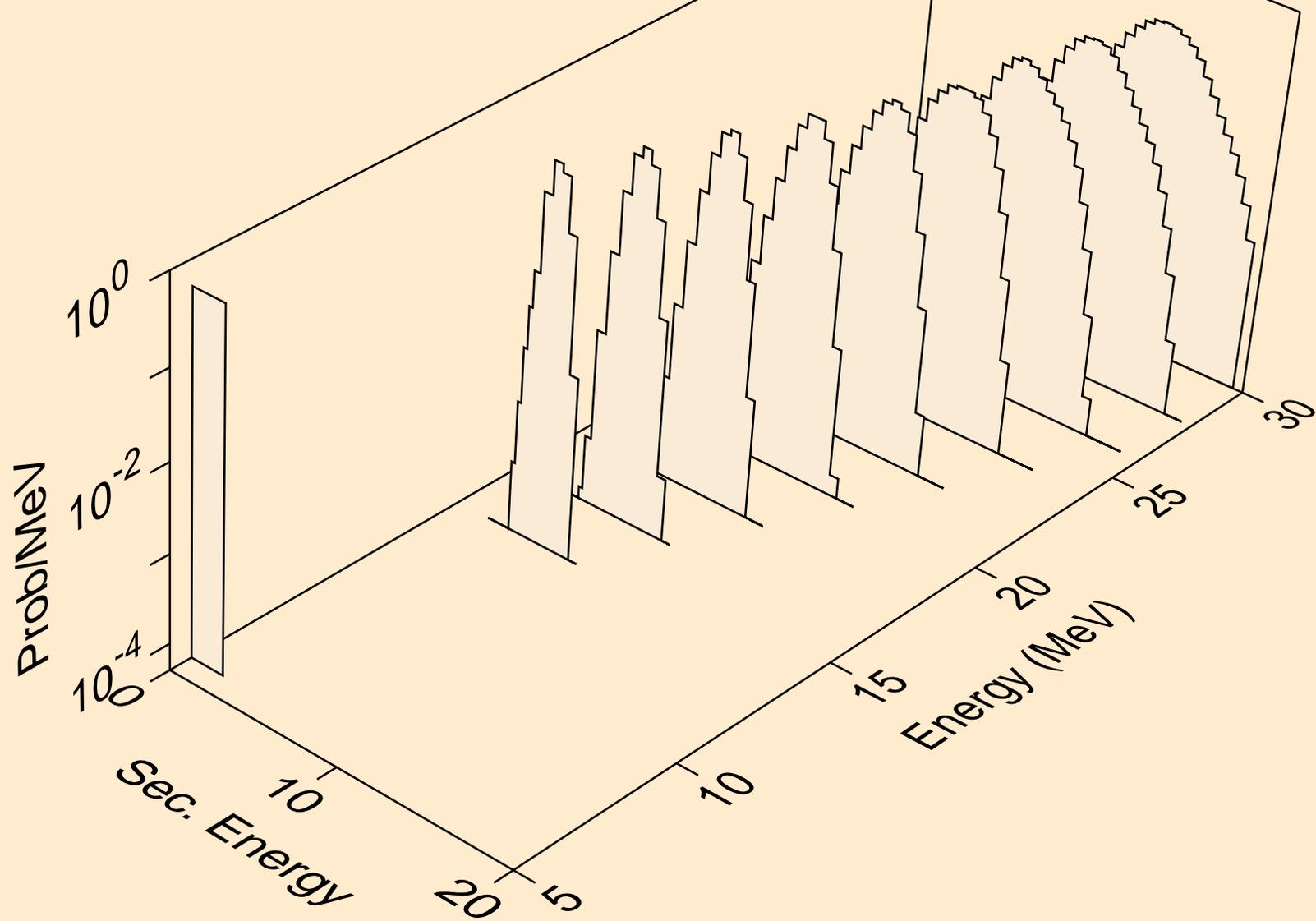
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



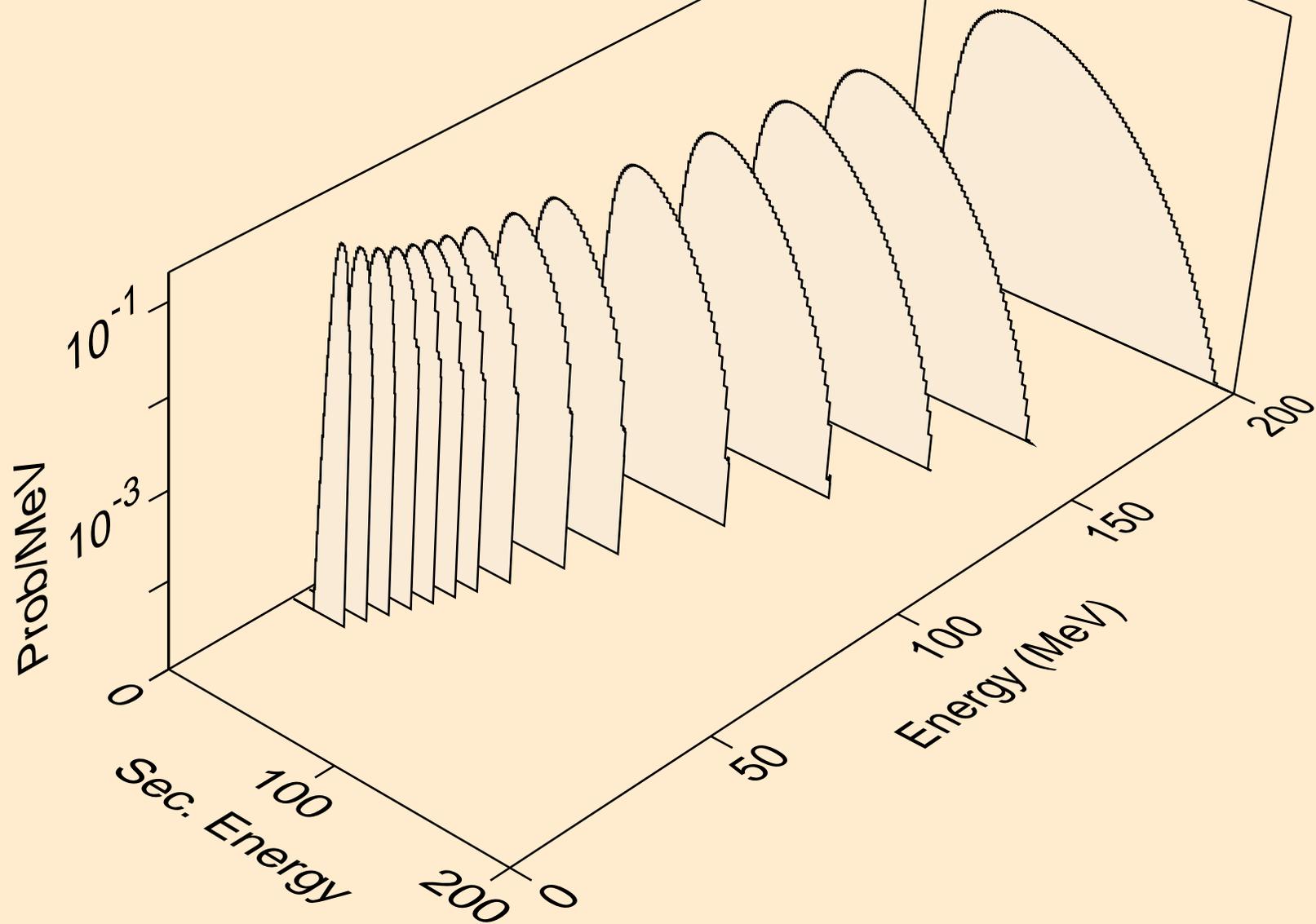
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



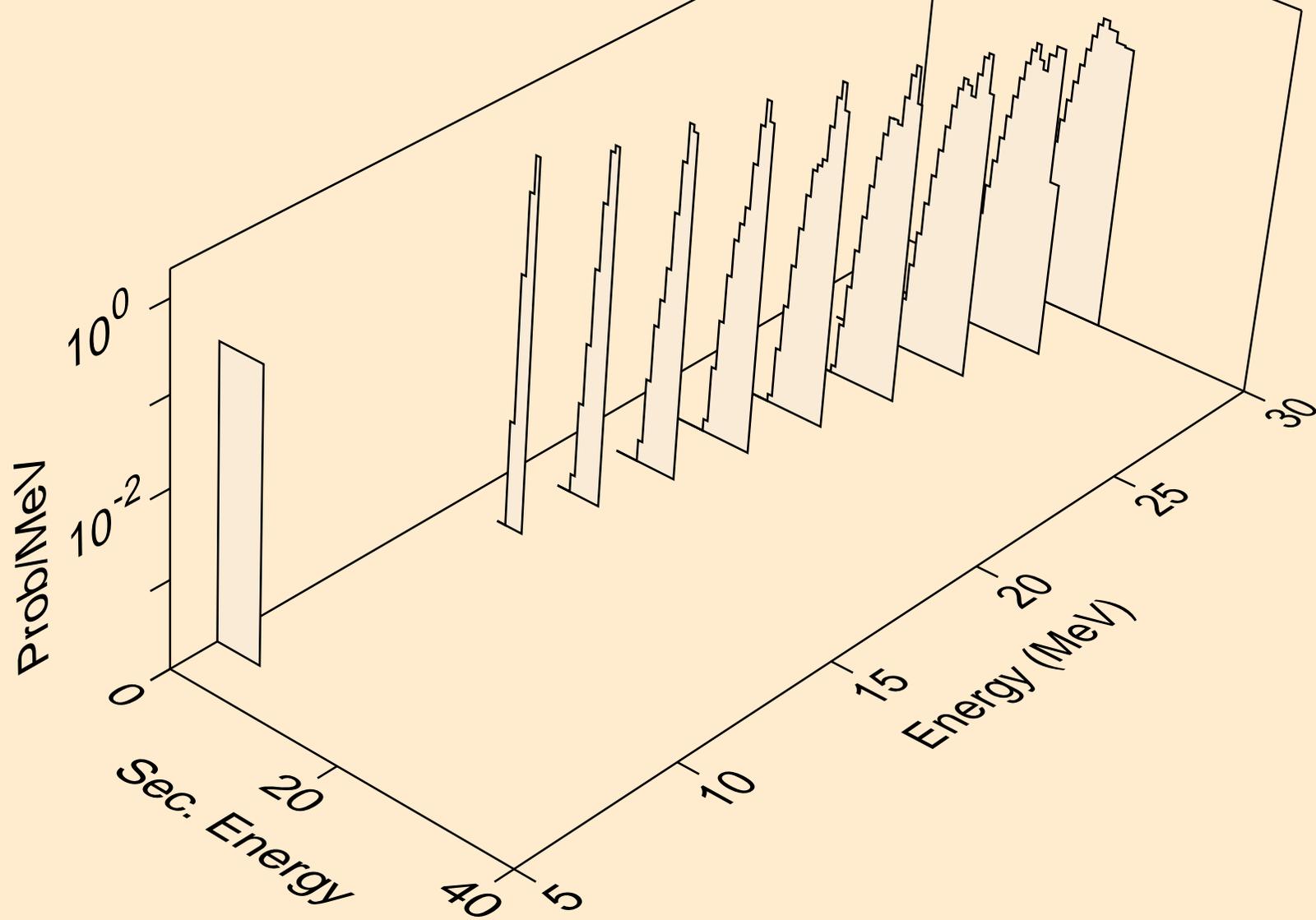
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



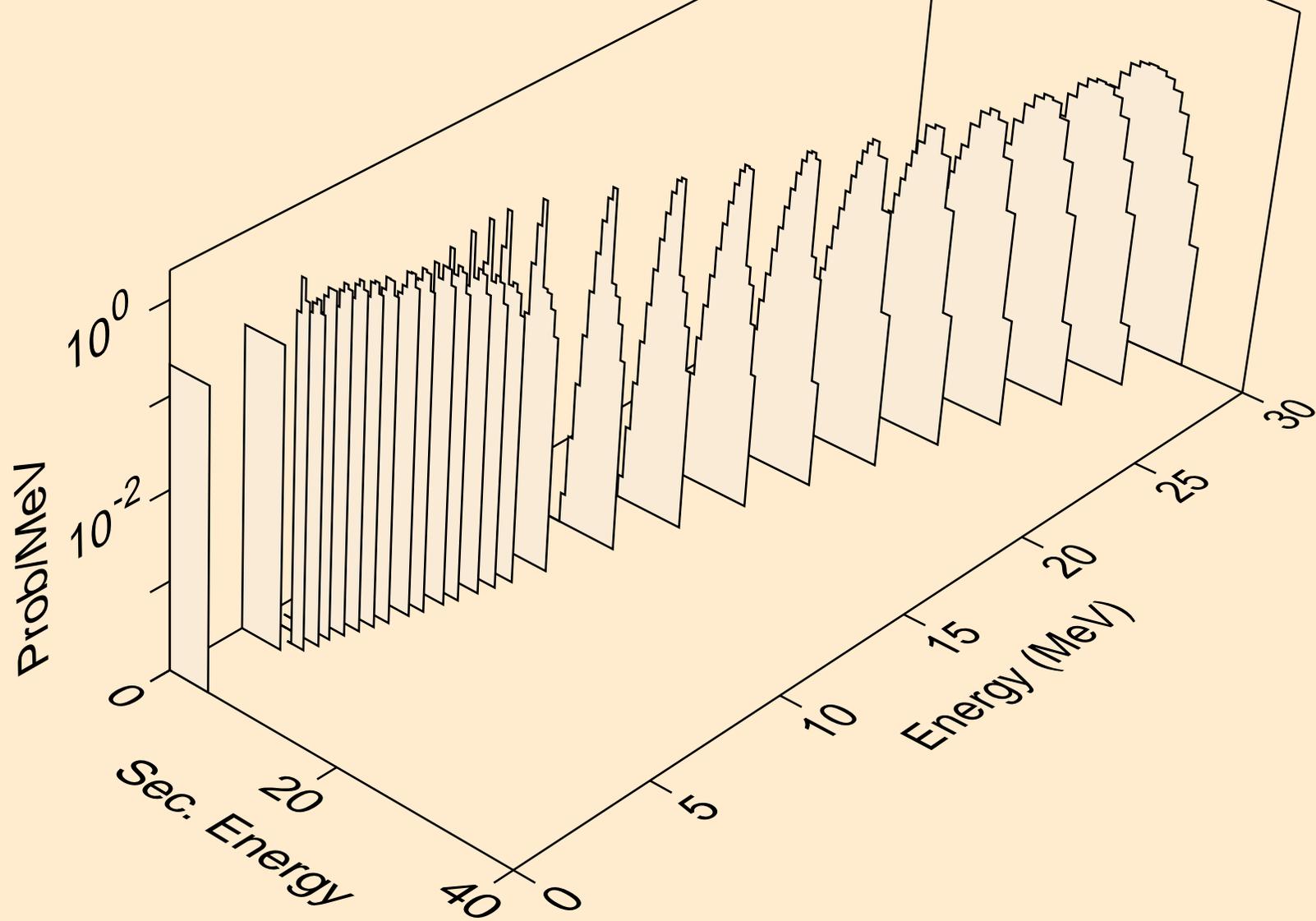
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



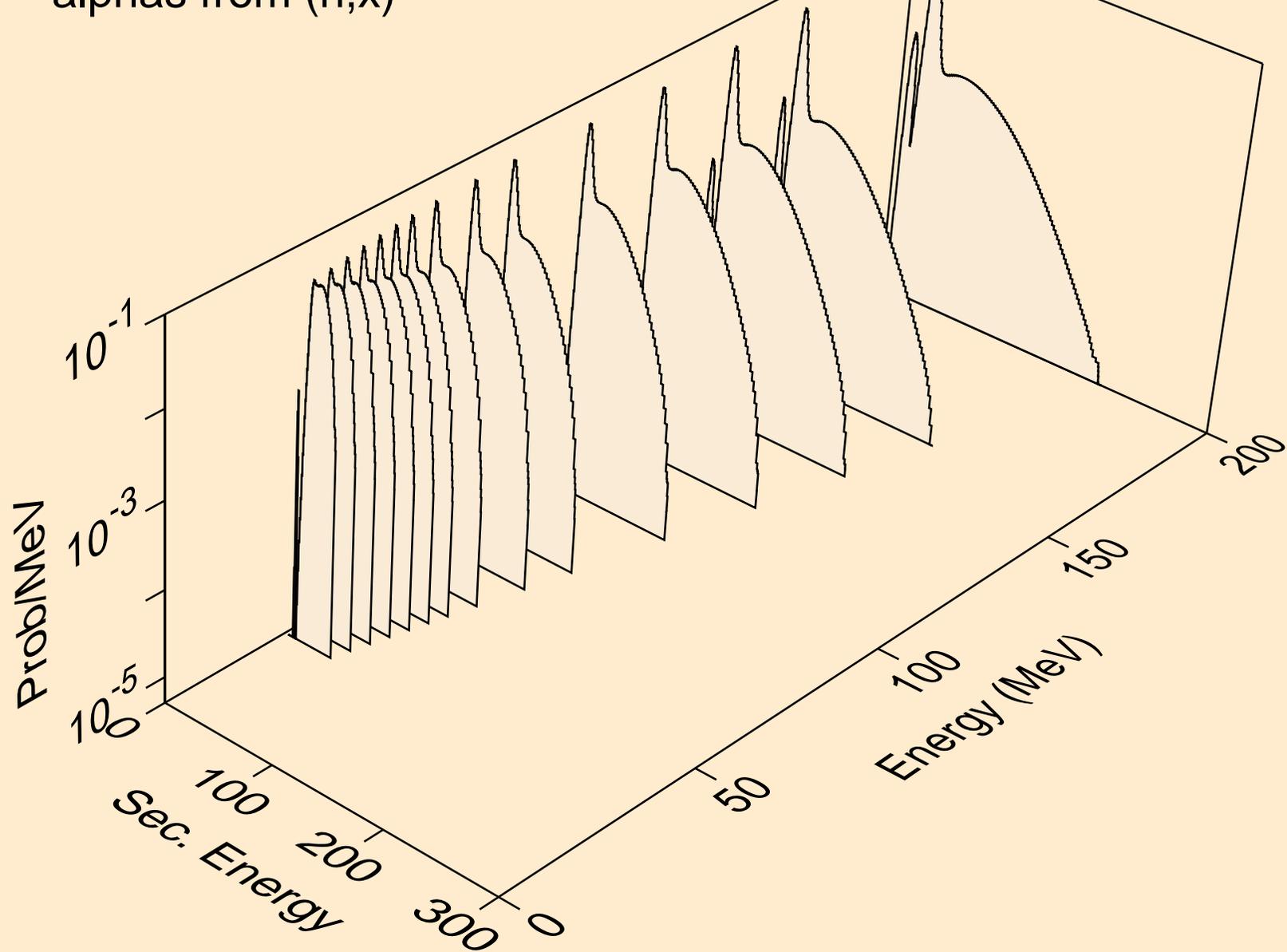
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



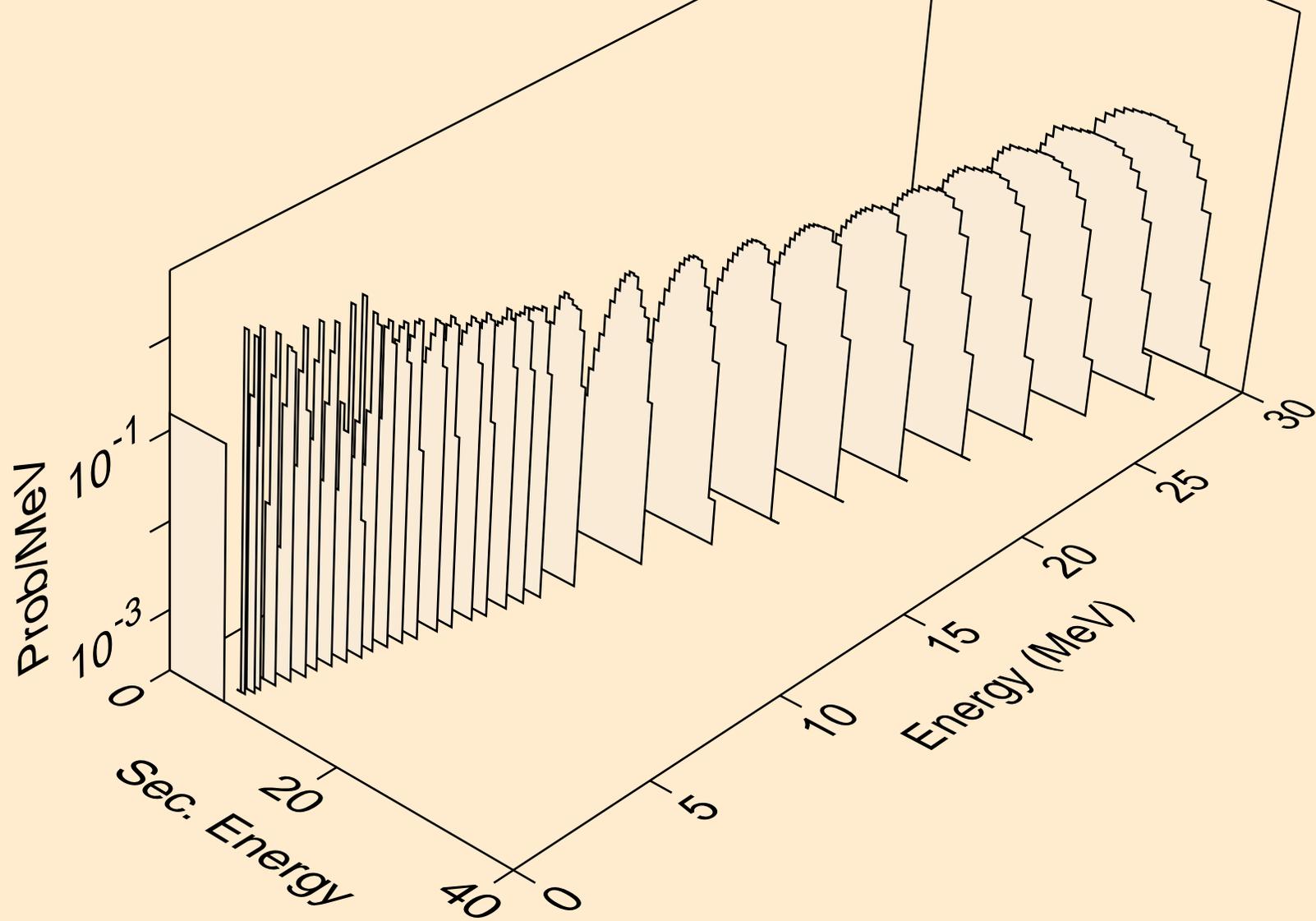
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



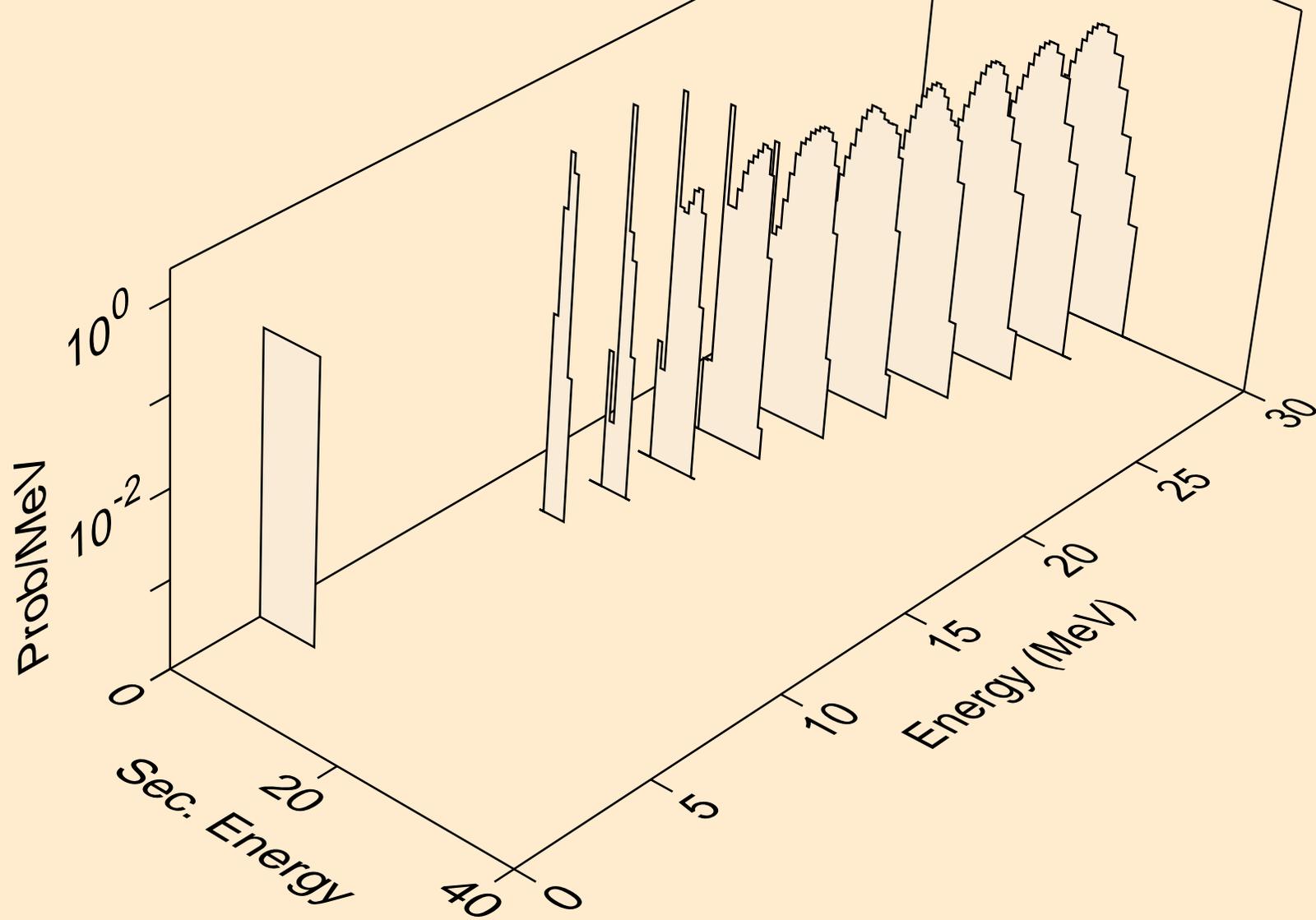
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



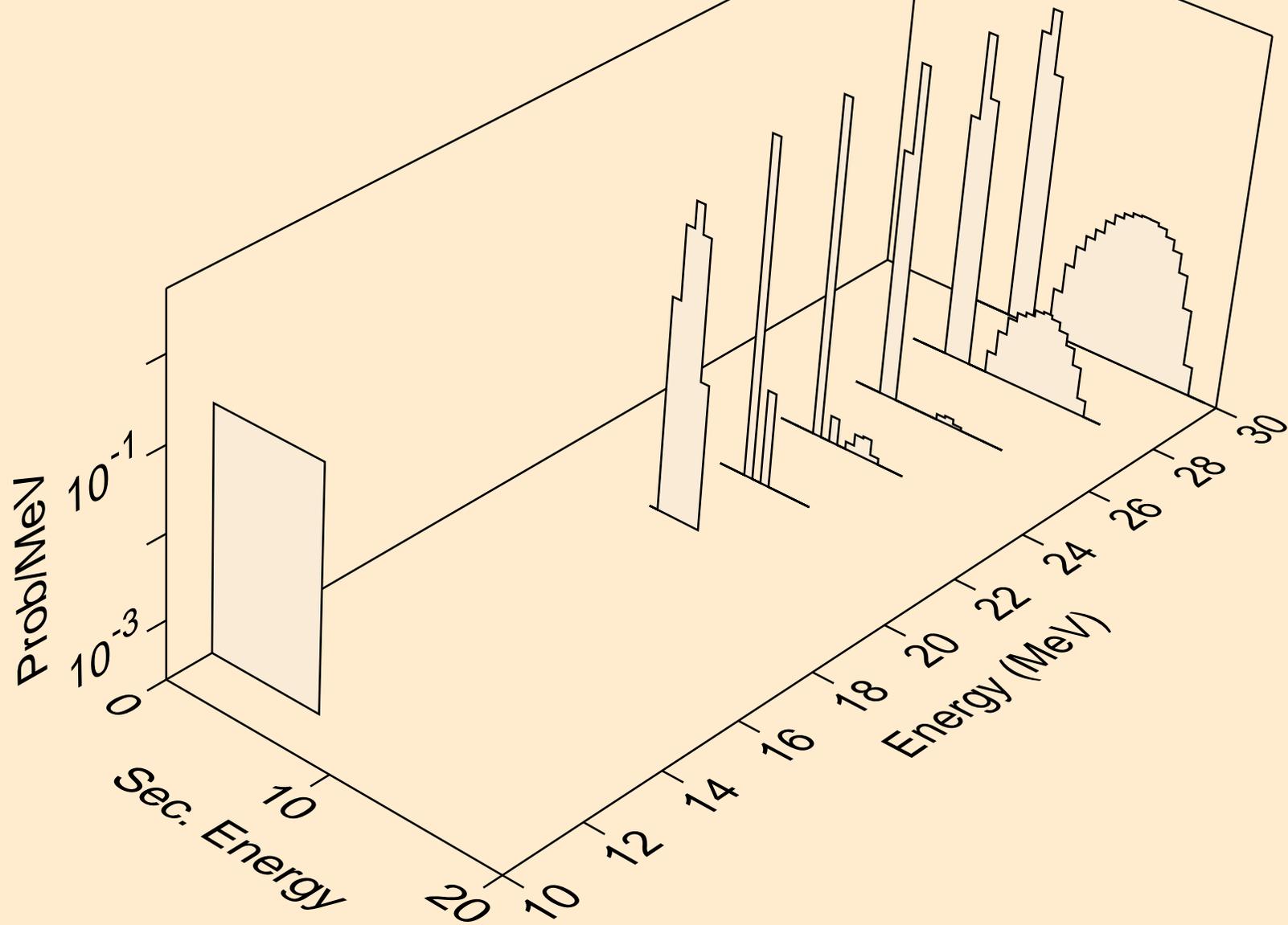
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



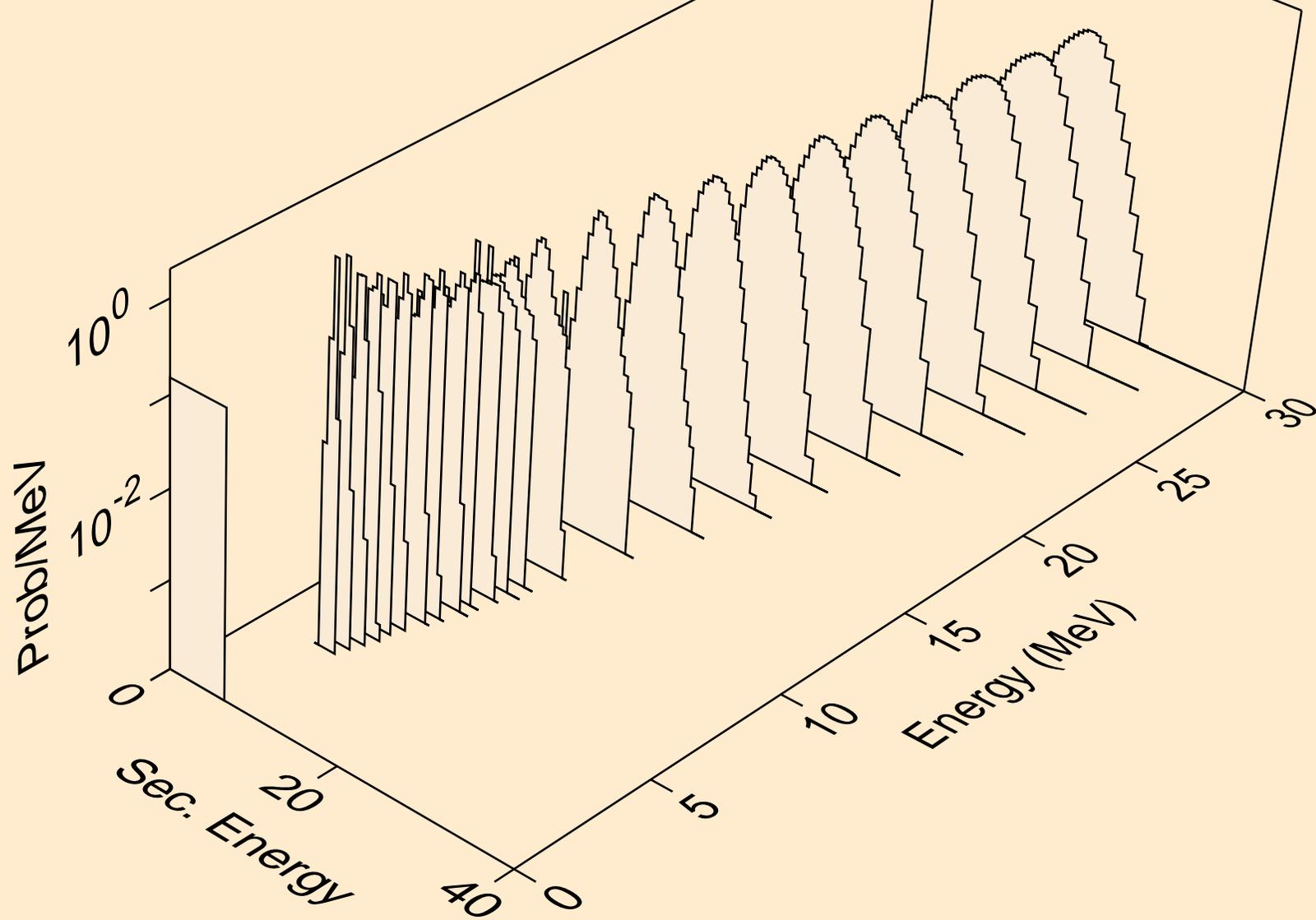
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



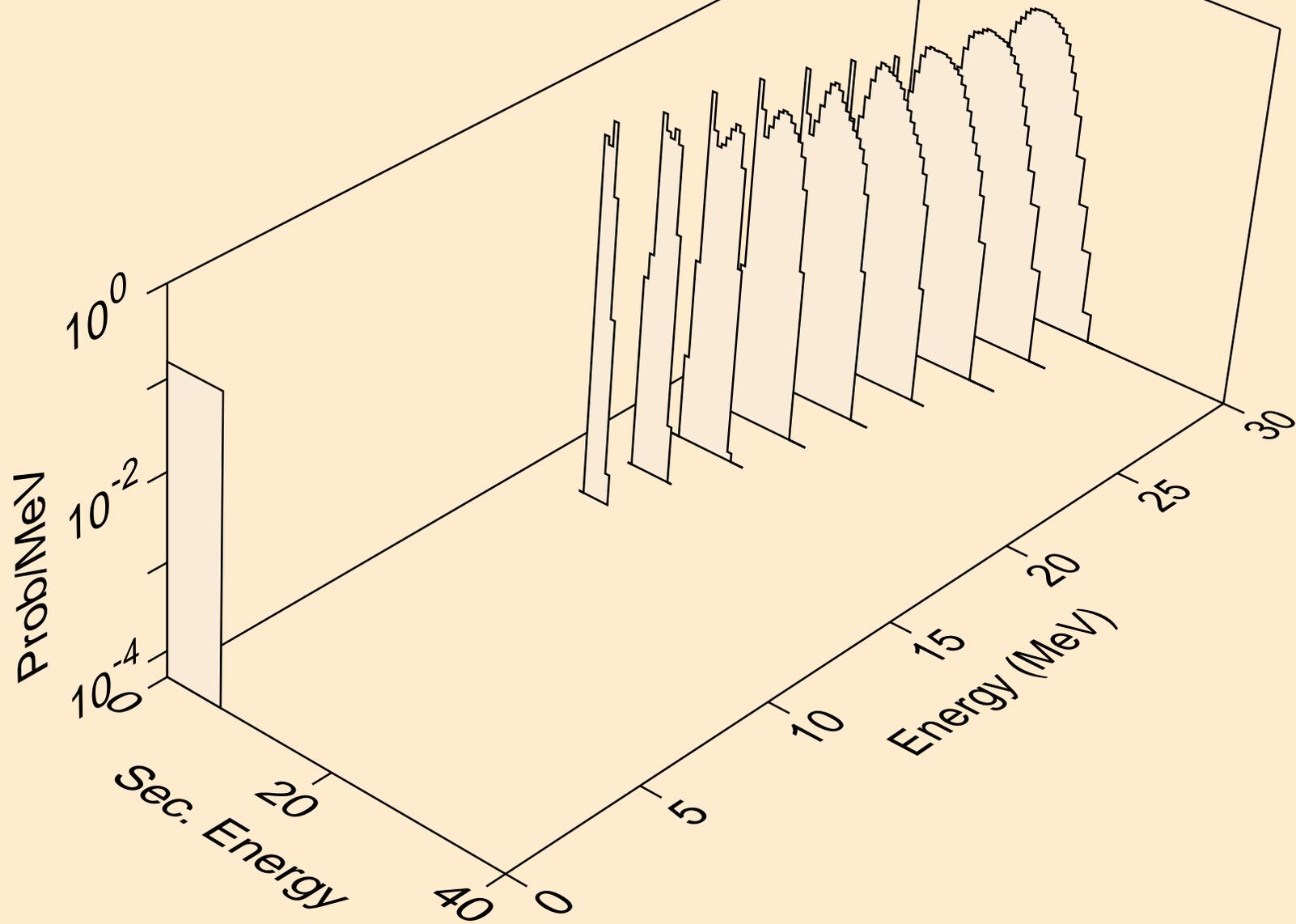
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



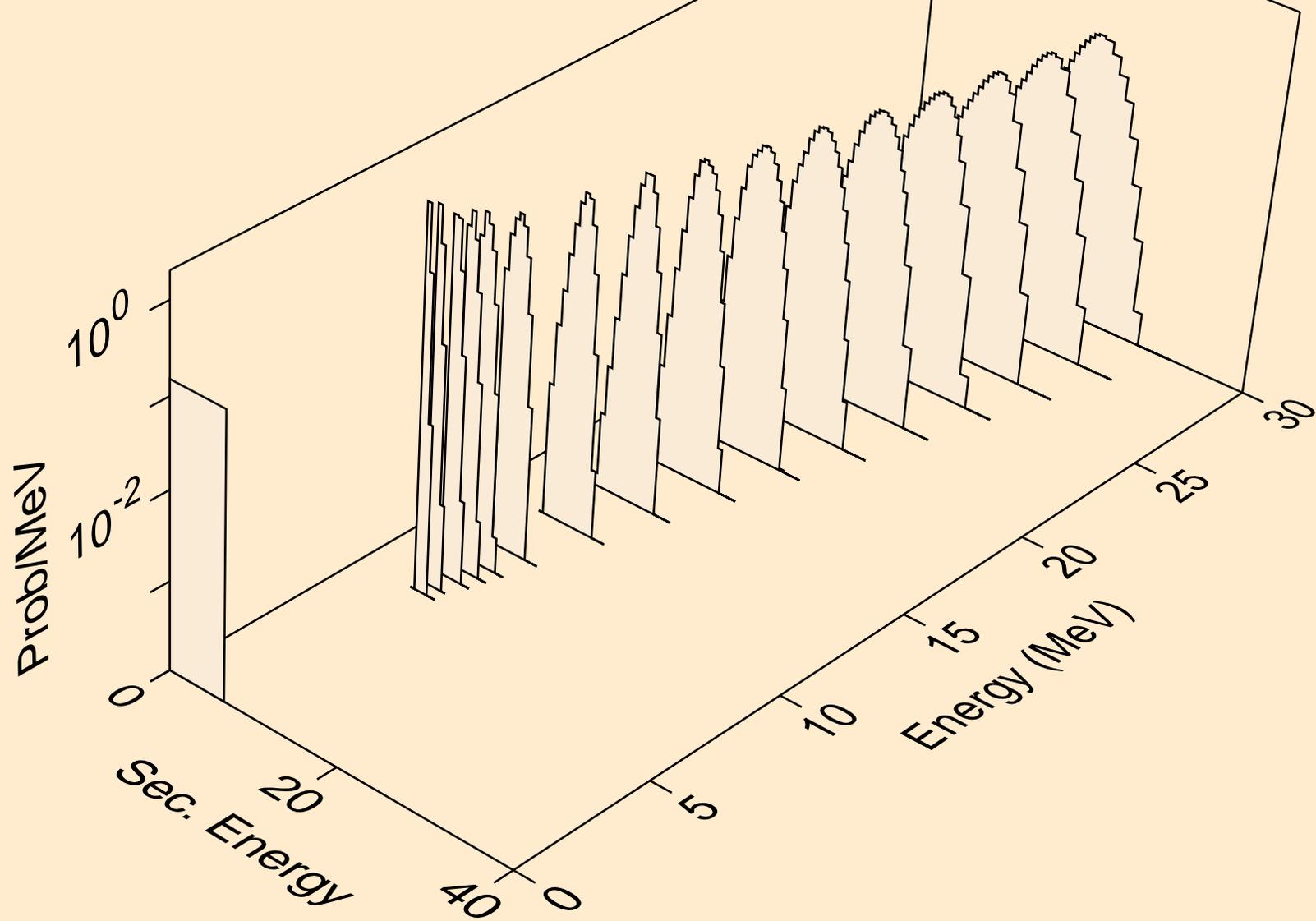
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



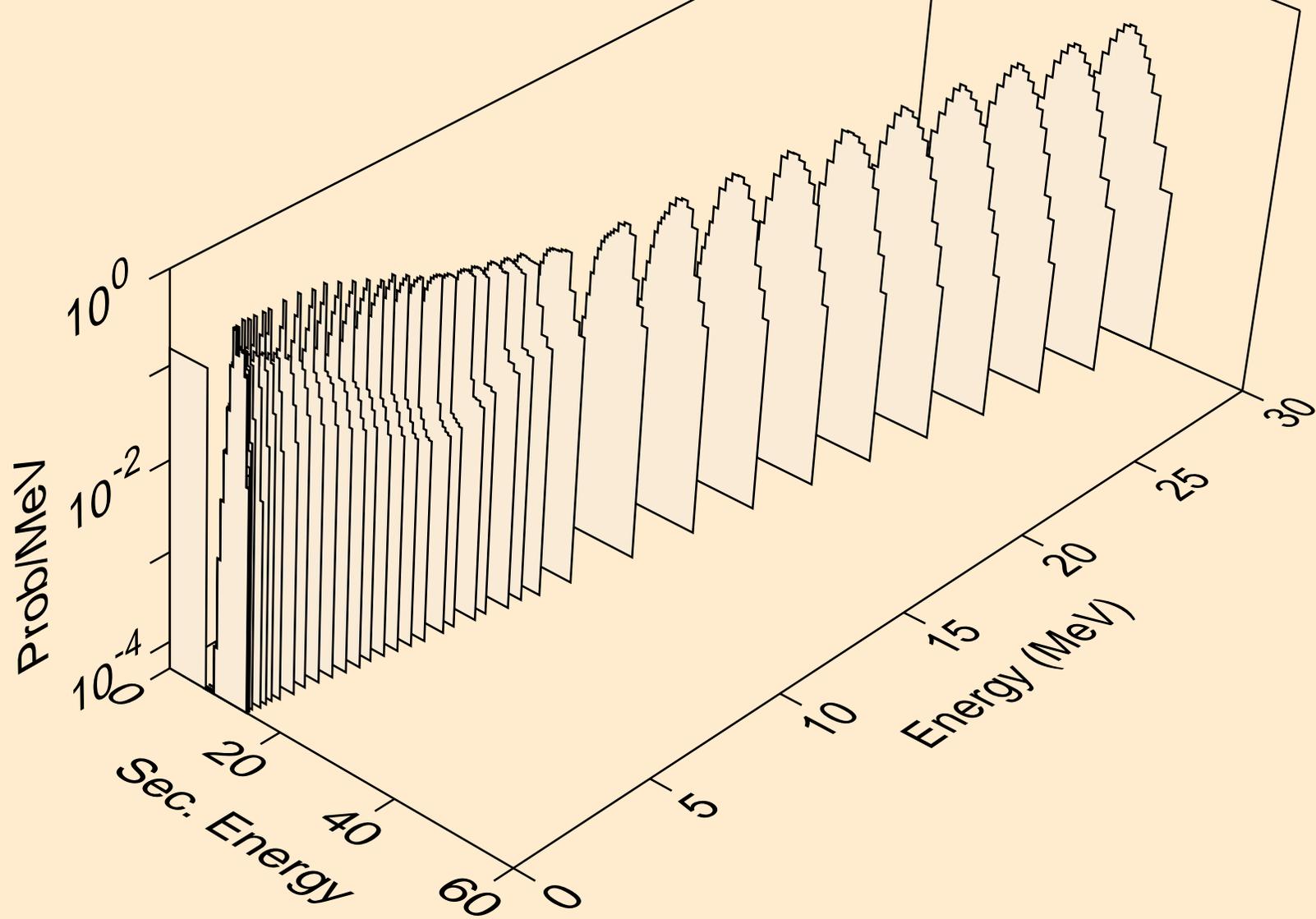
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



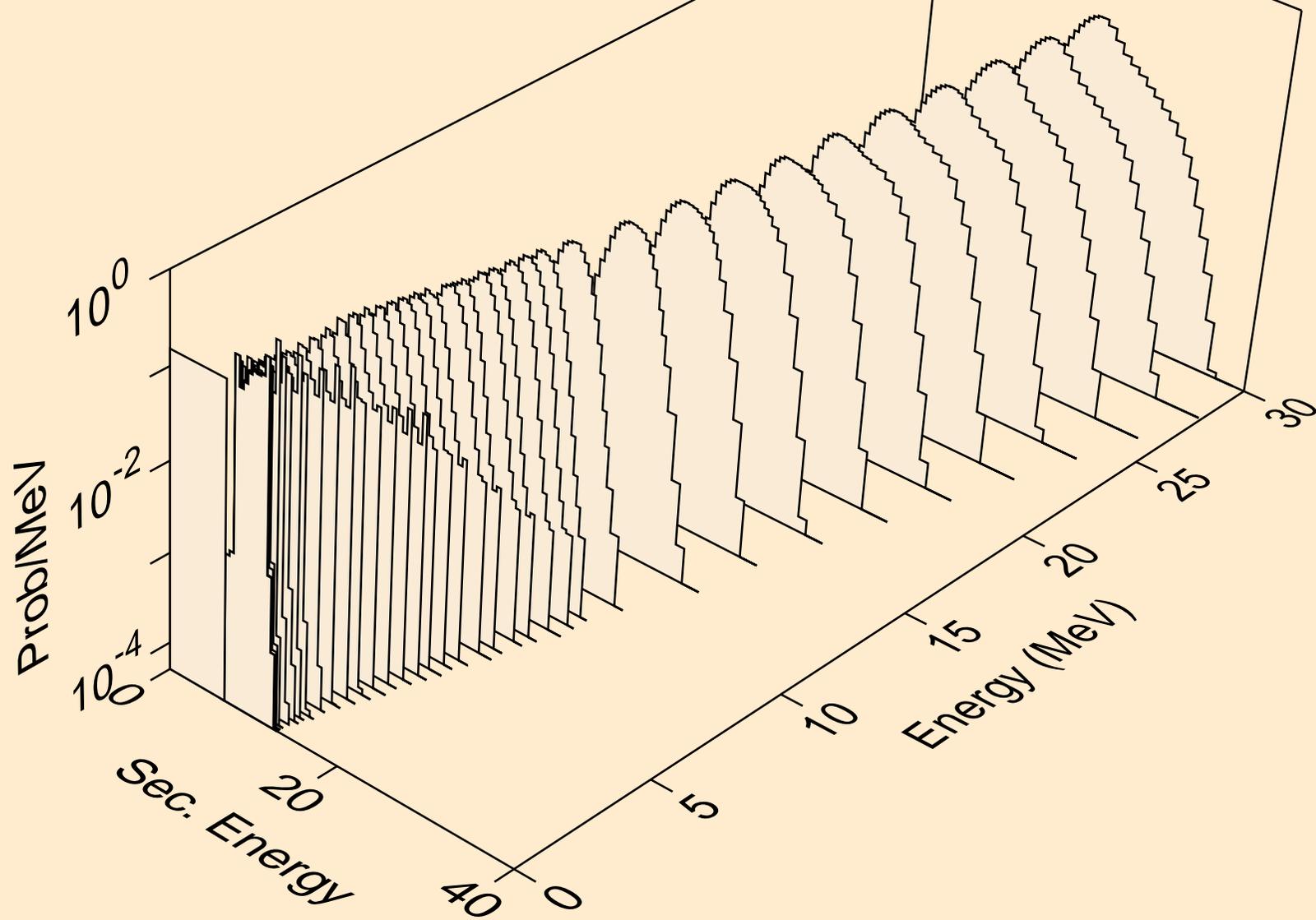
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



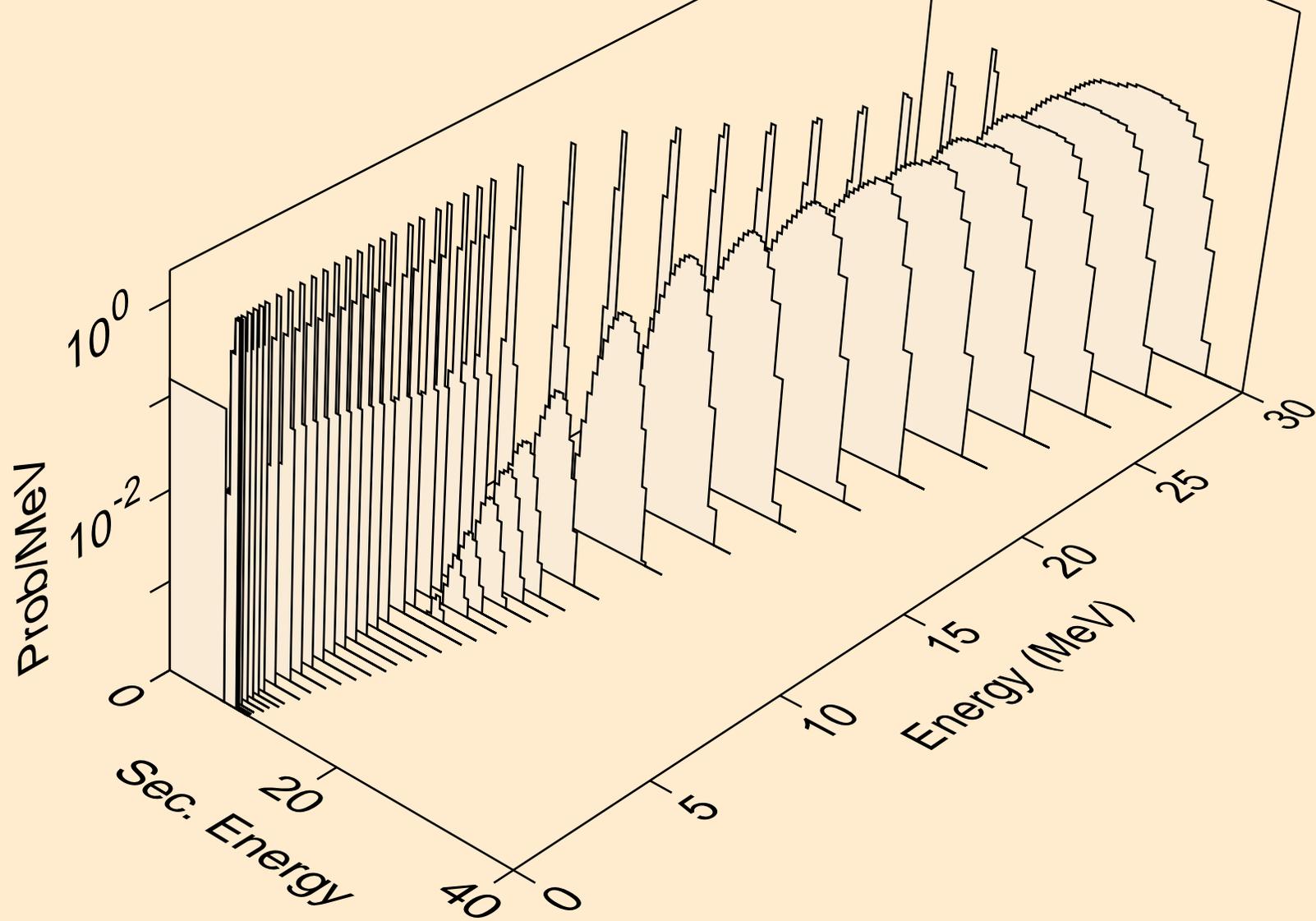
RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



RN204 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

