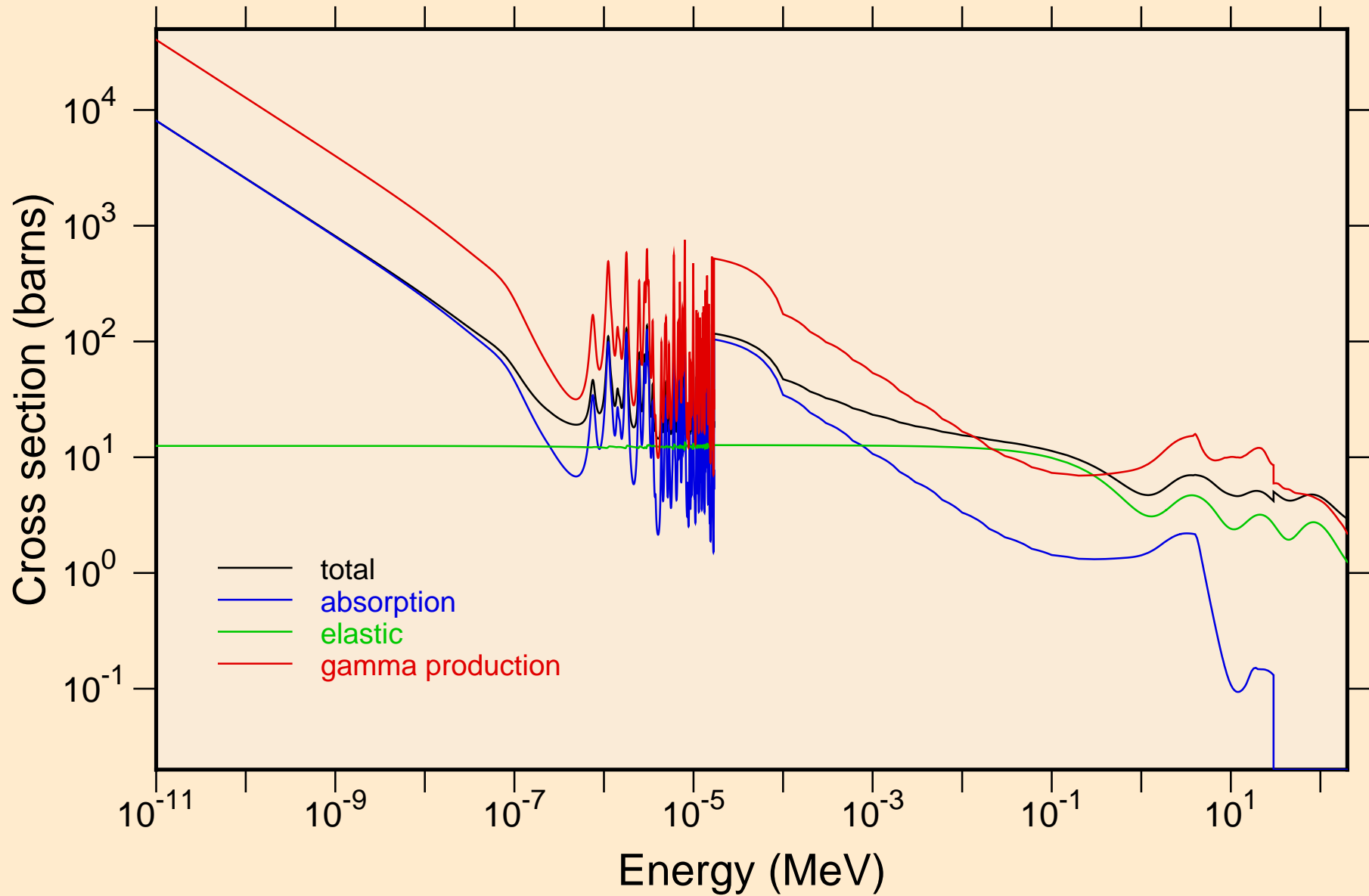
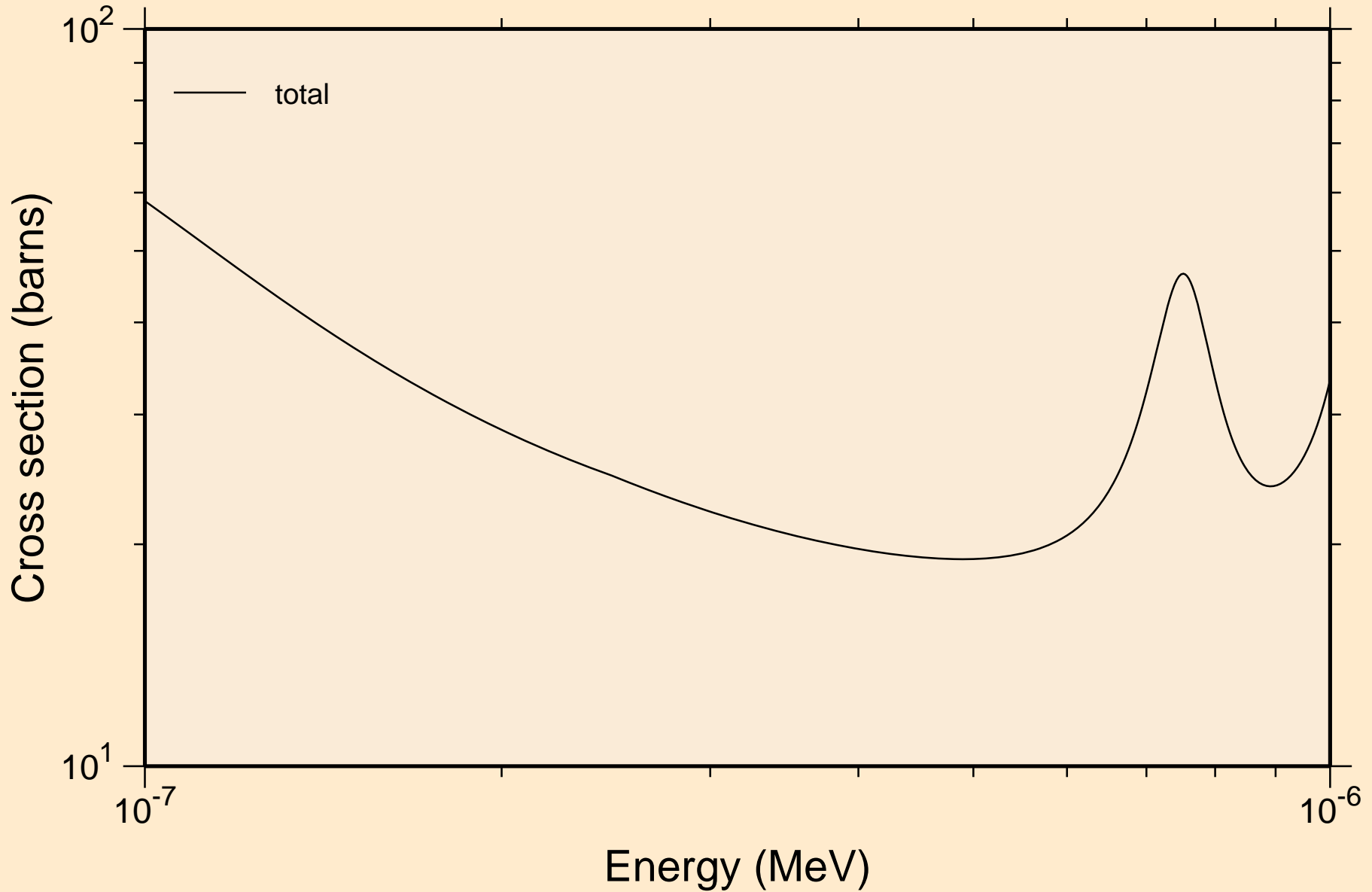


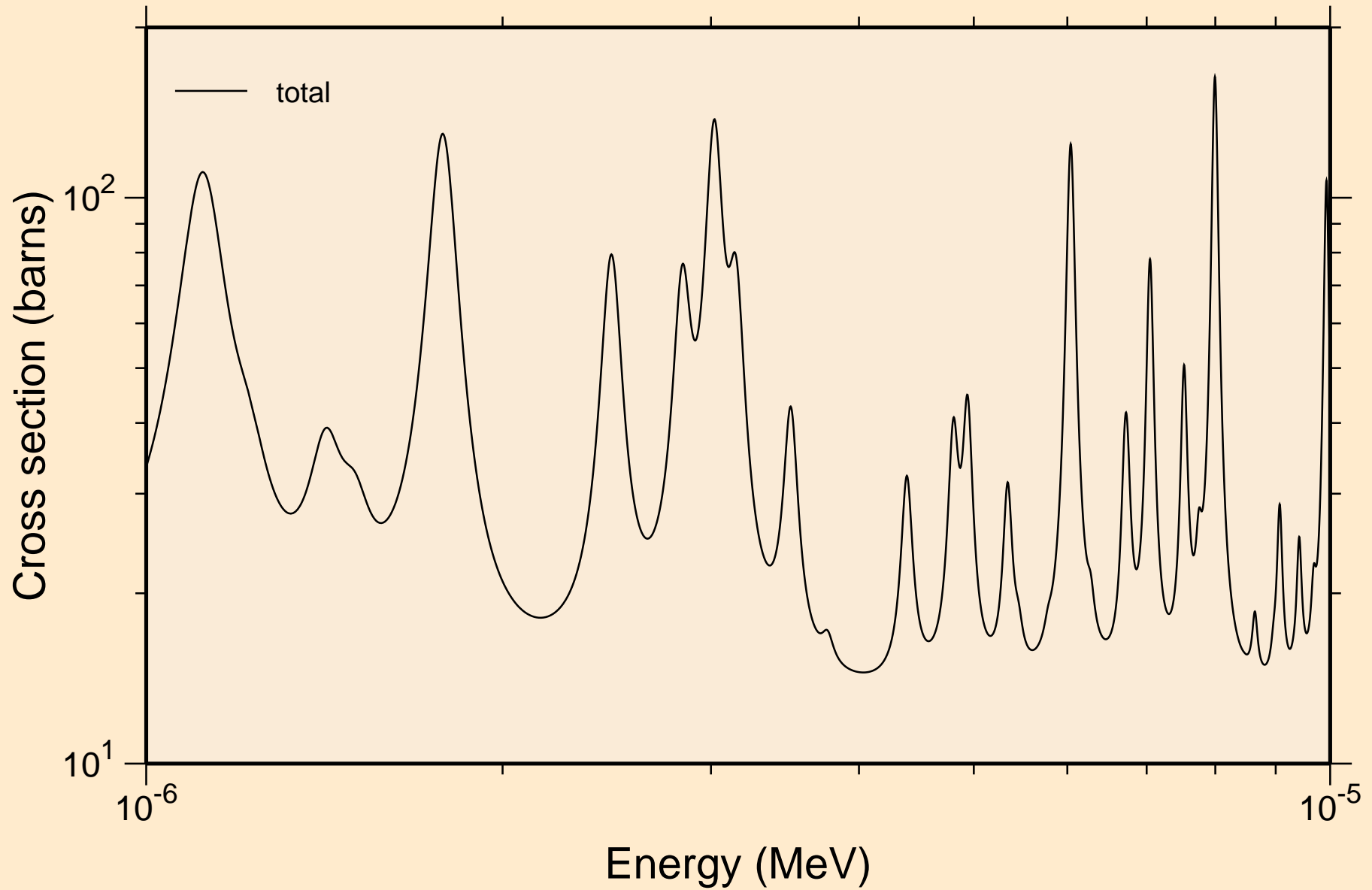
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



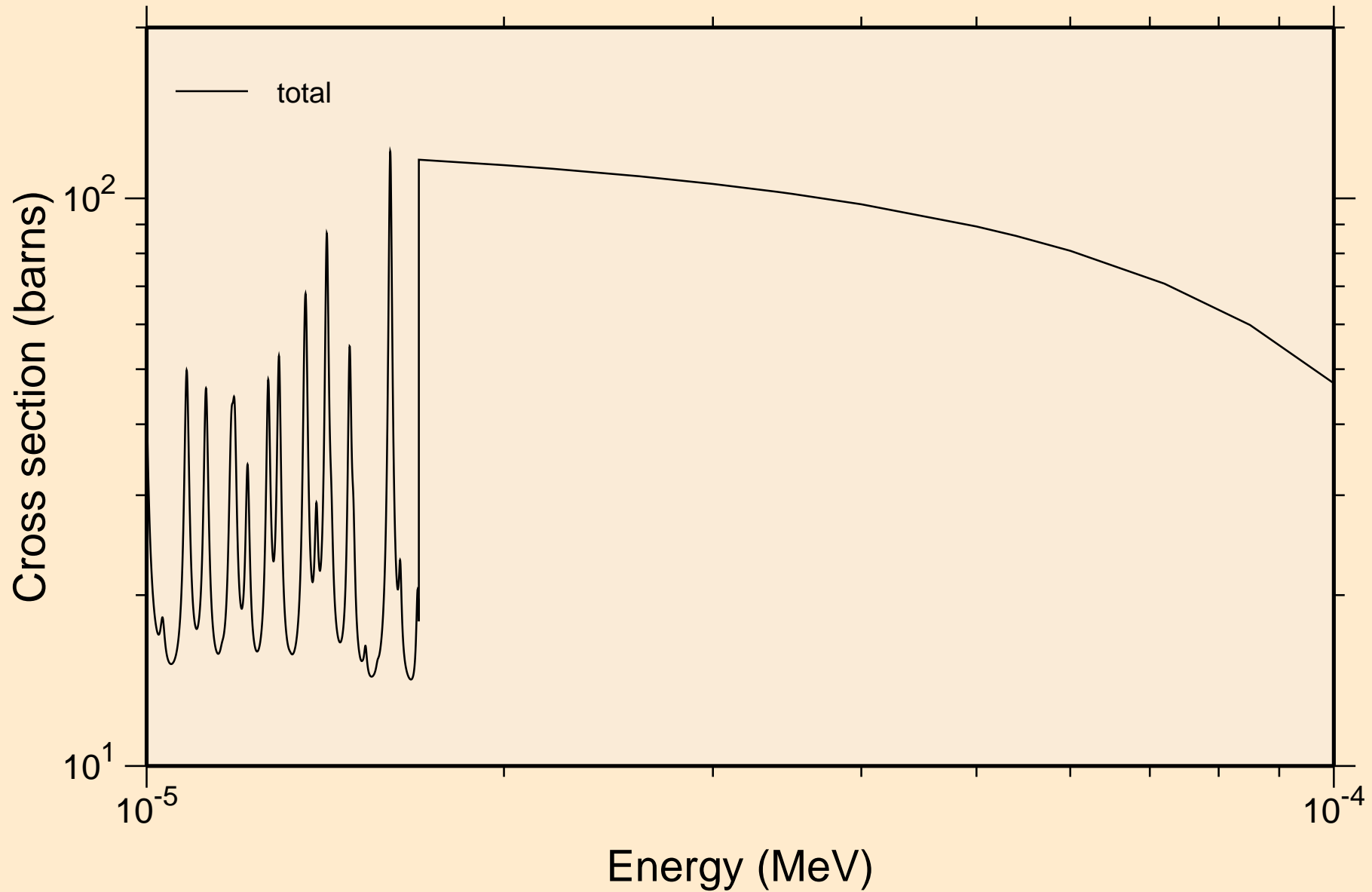
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



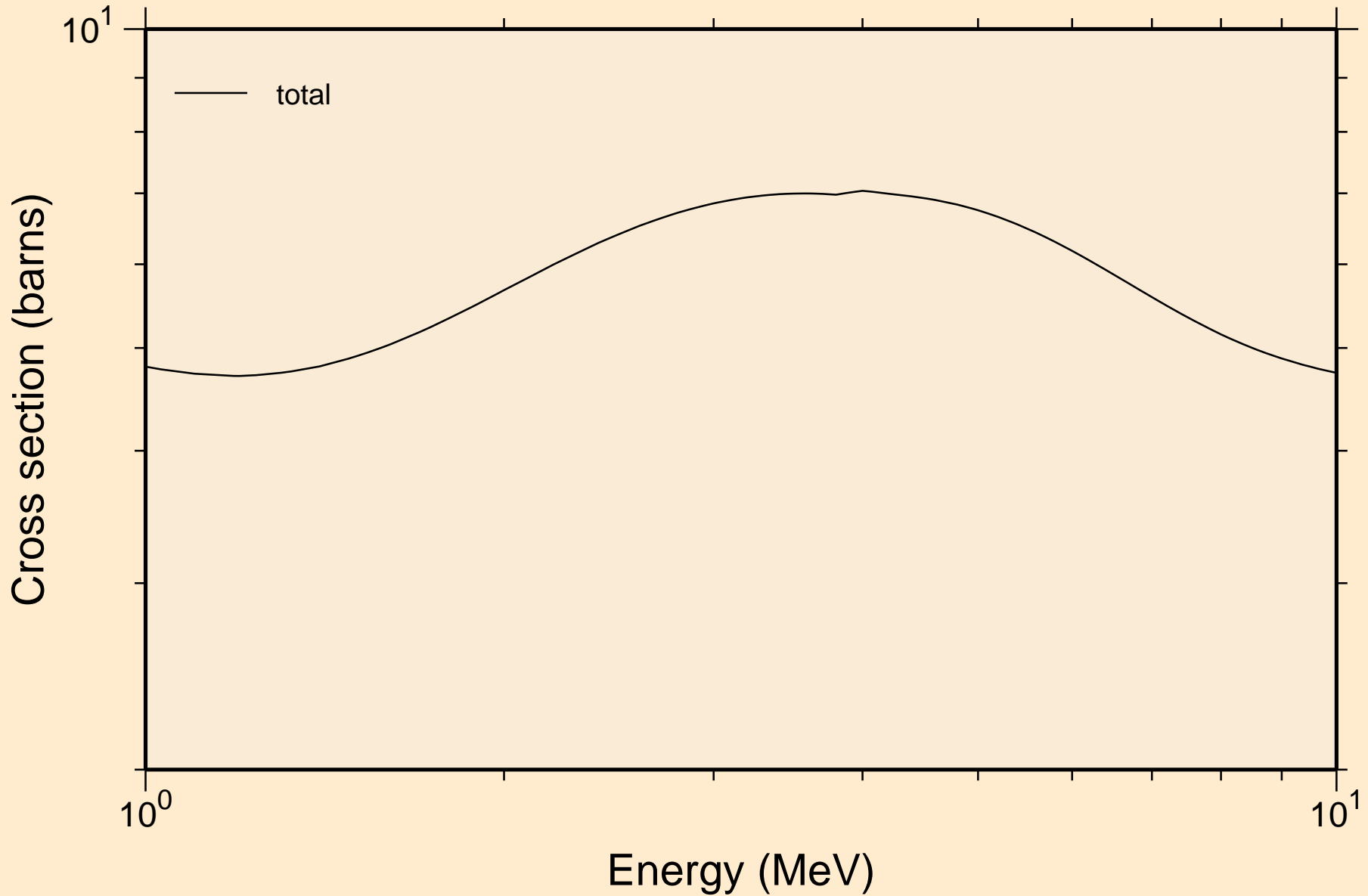
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



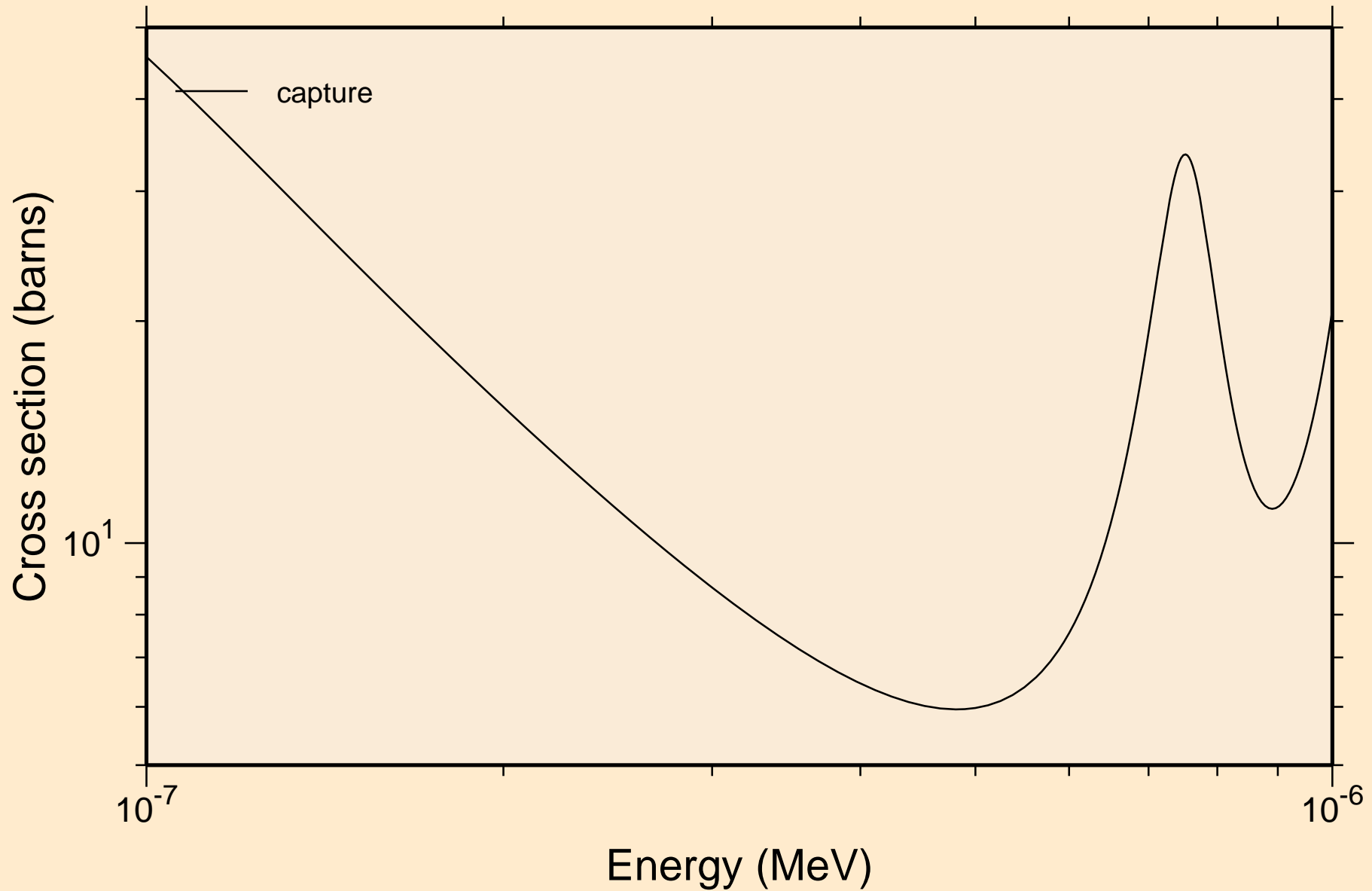
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



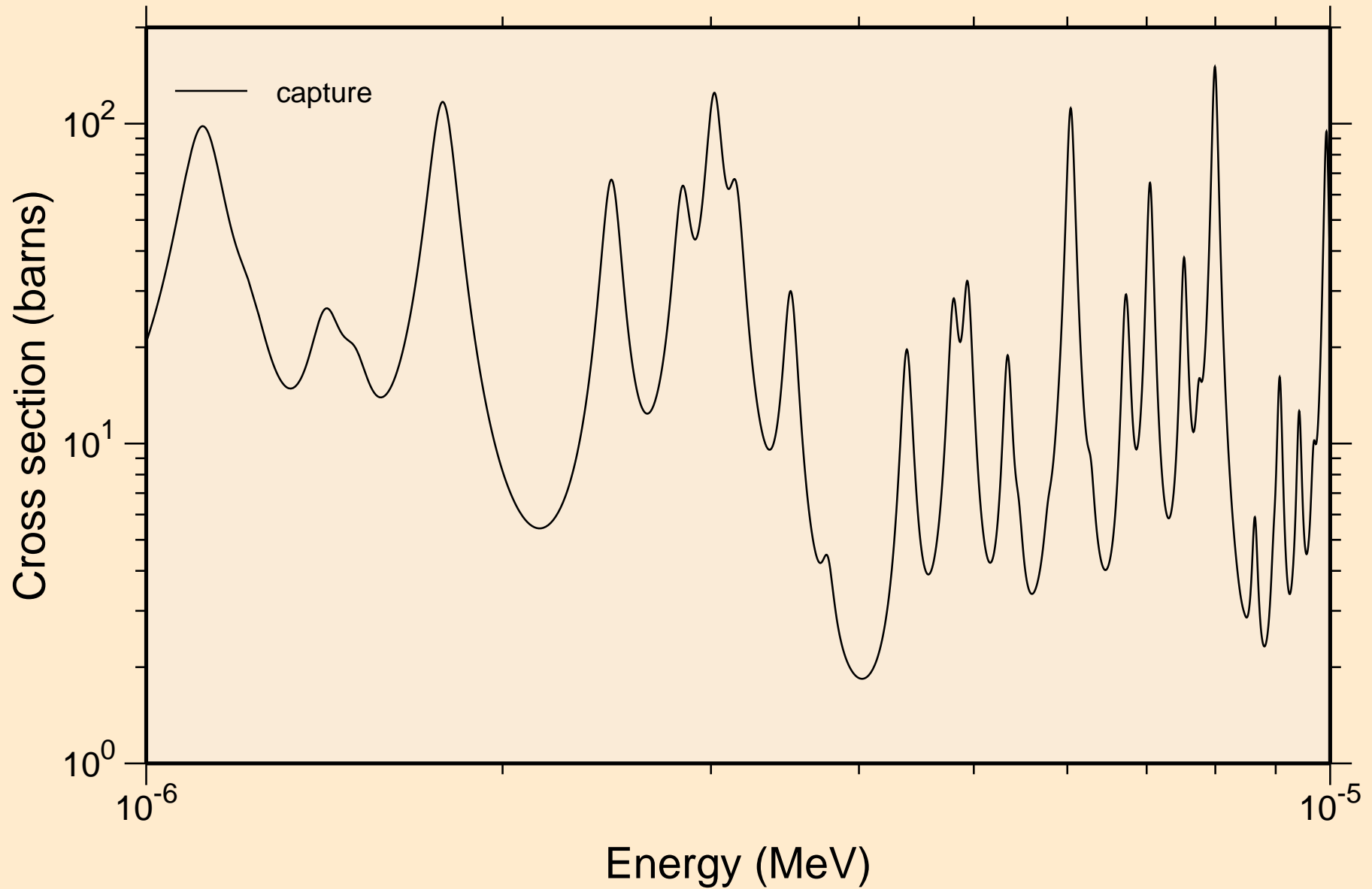
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



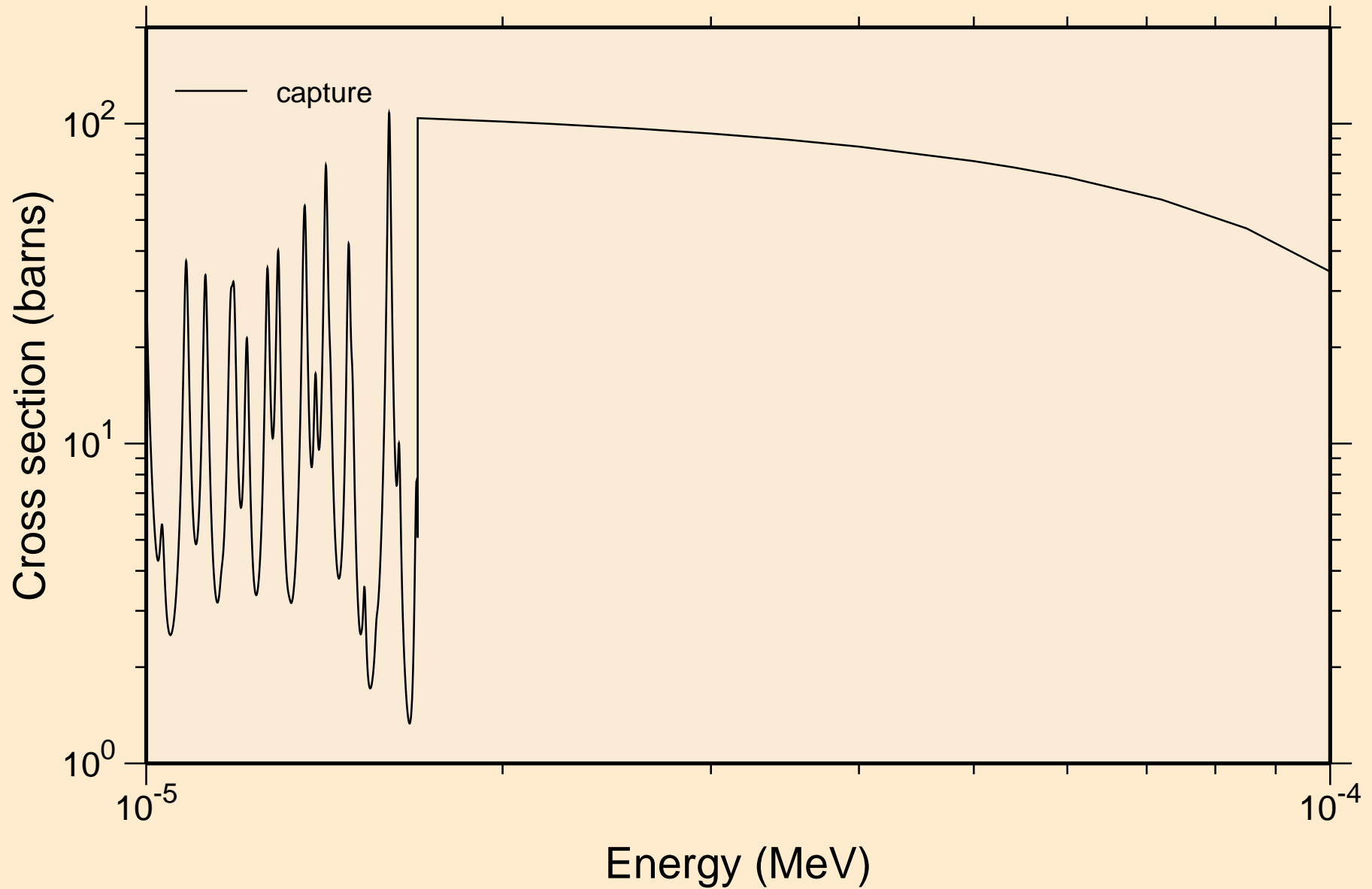
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

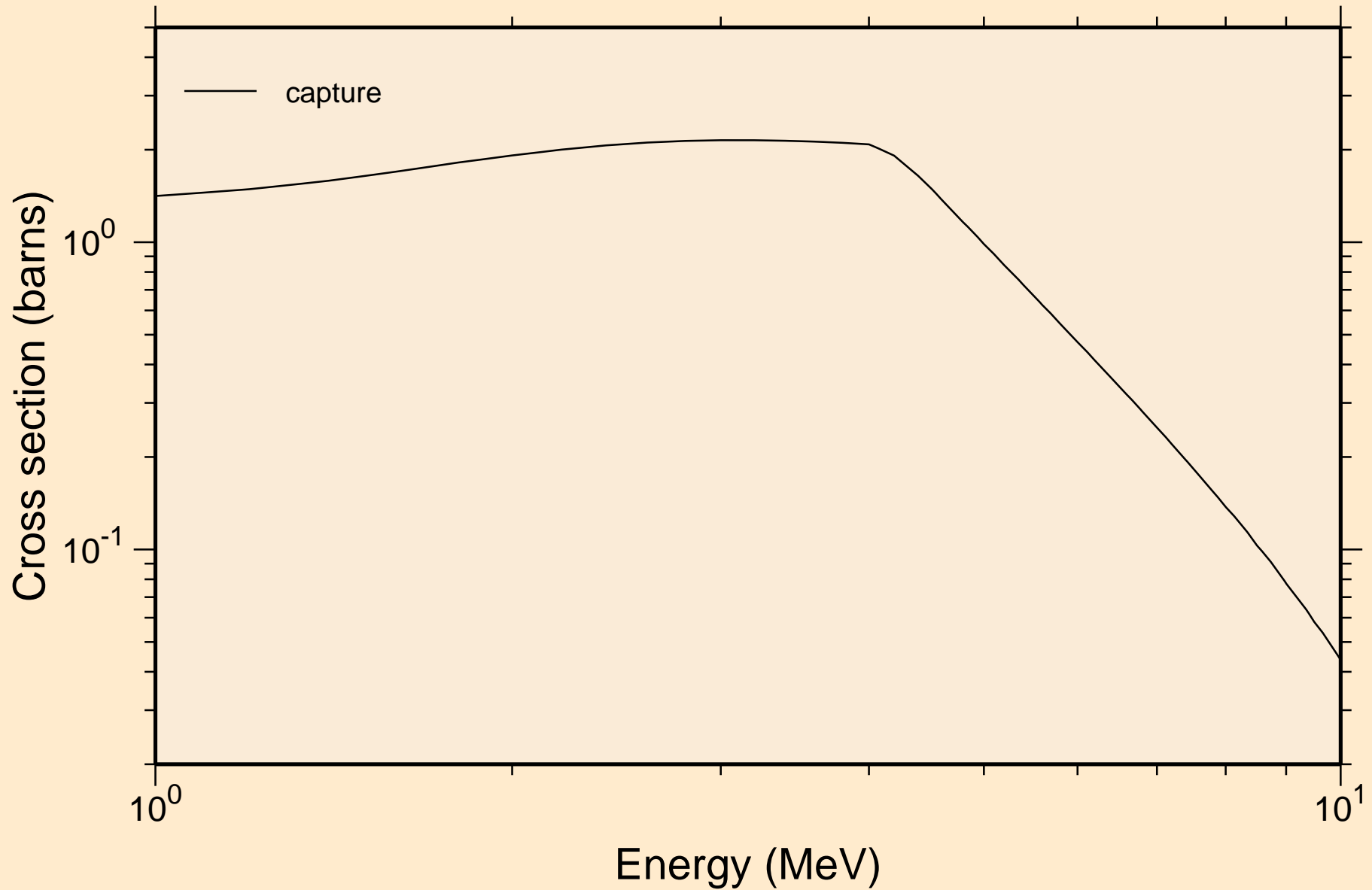


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

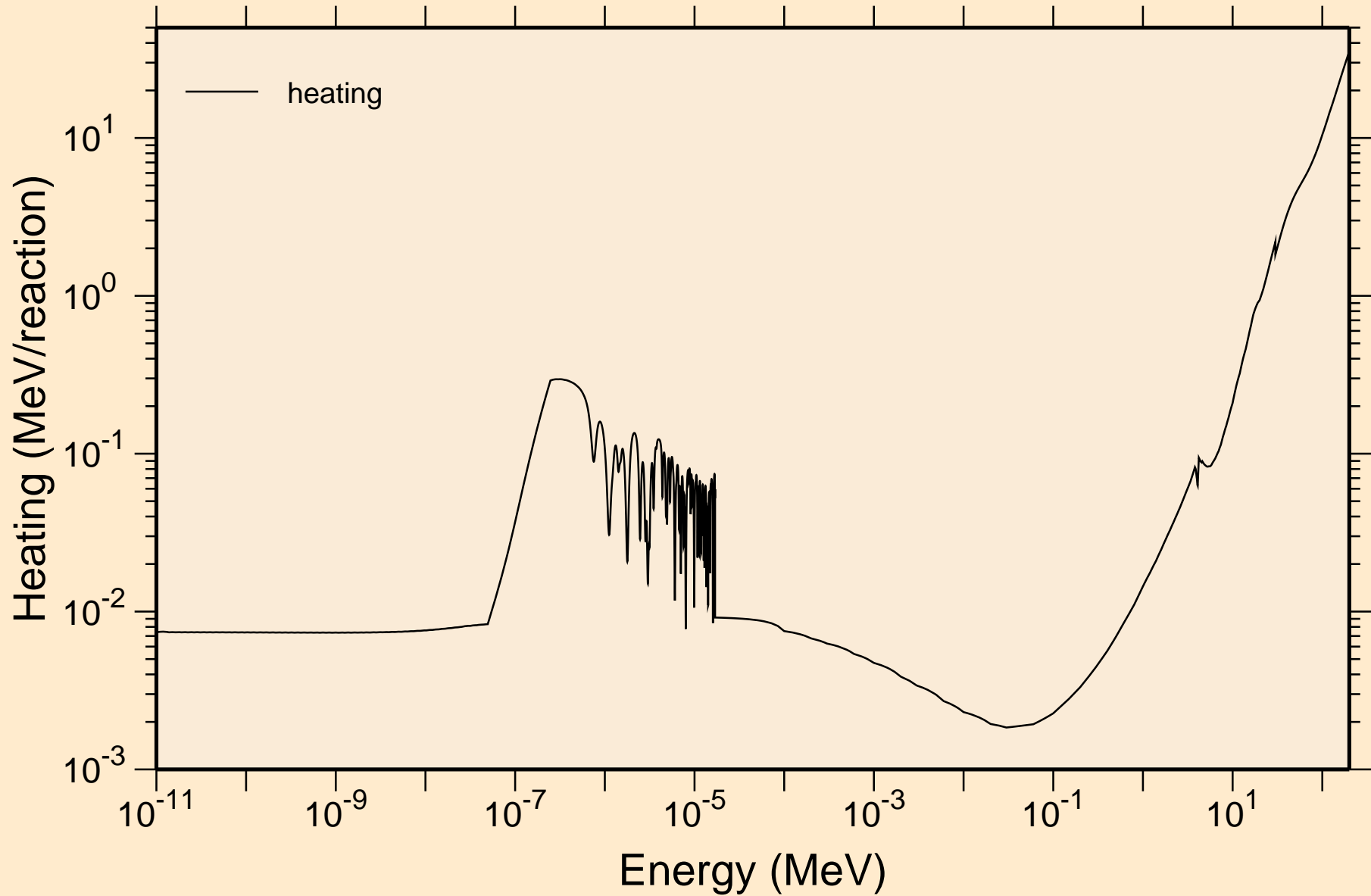




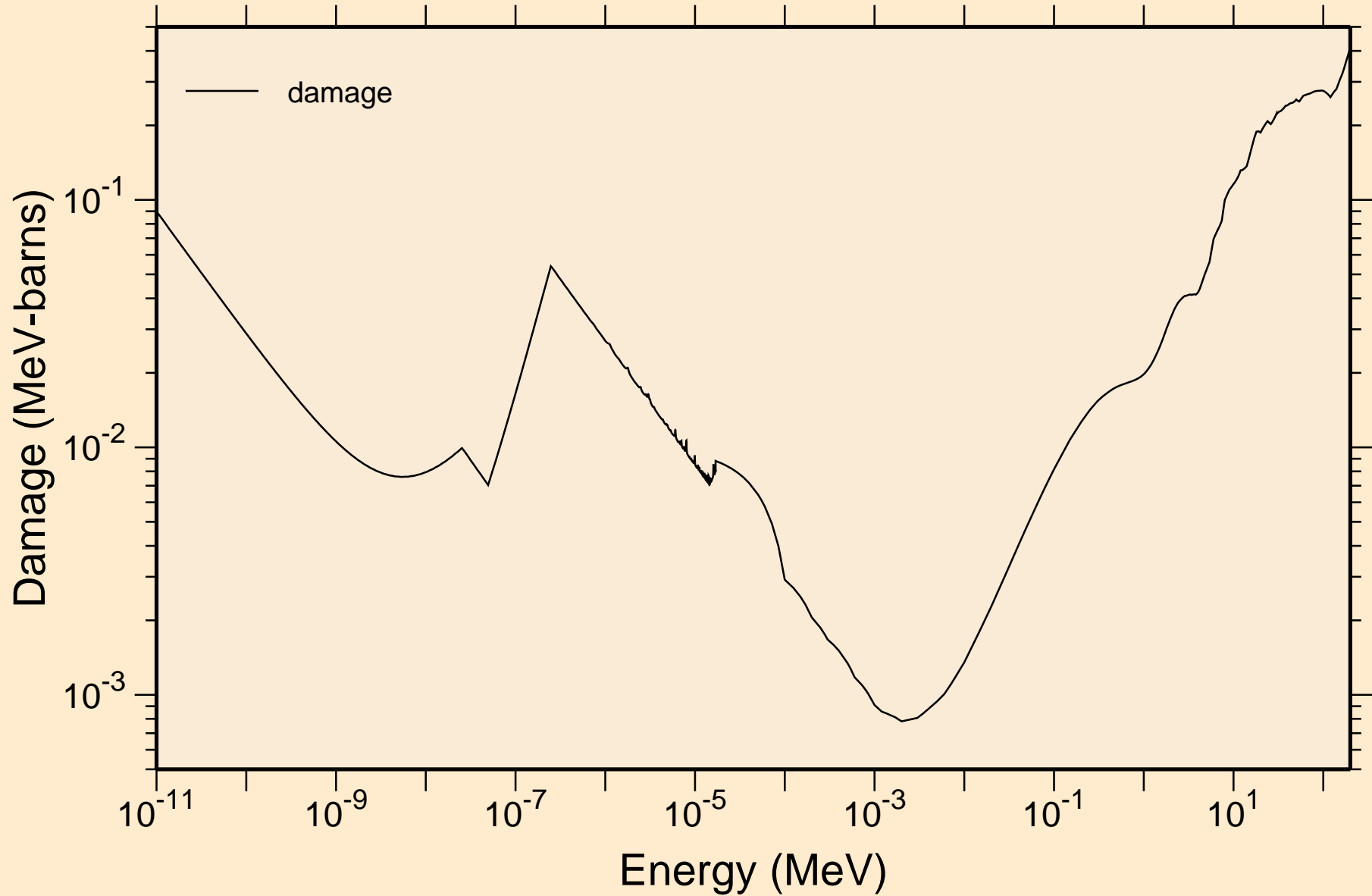
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



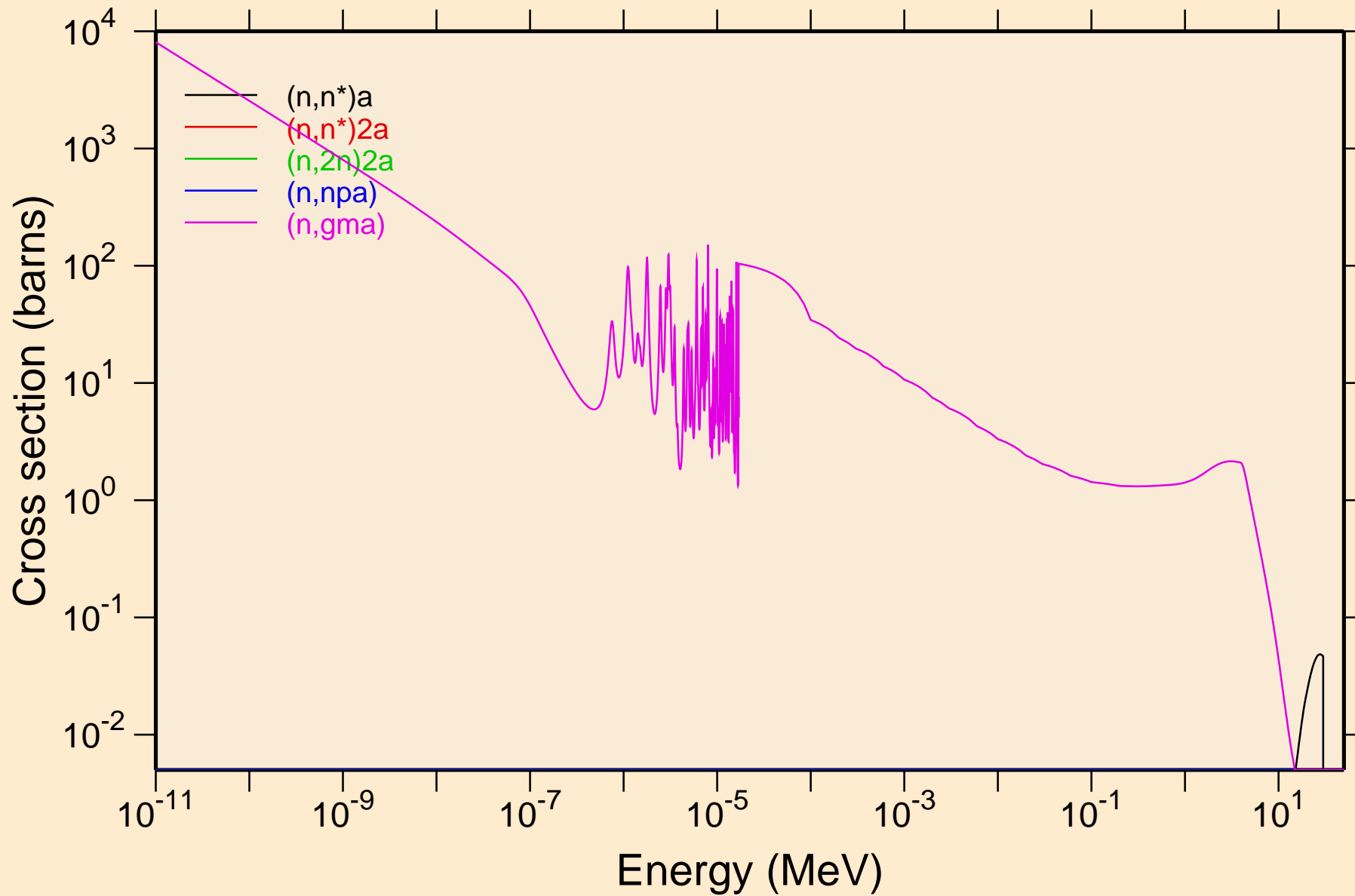
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



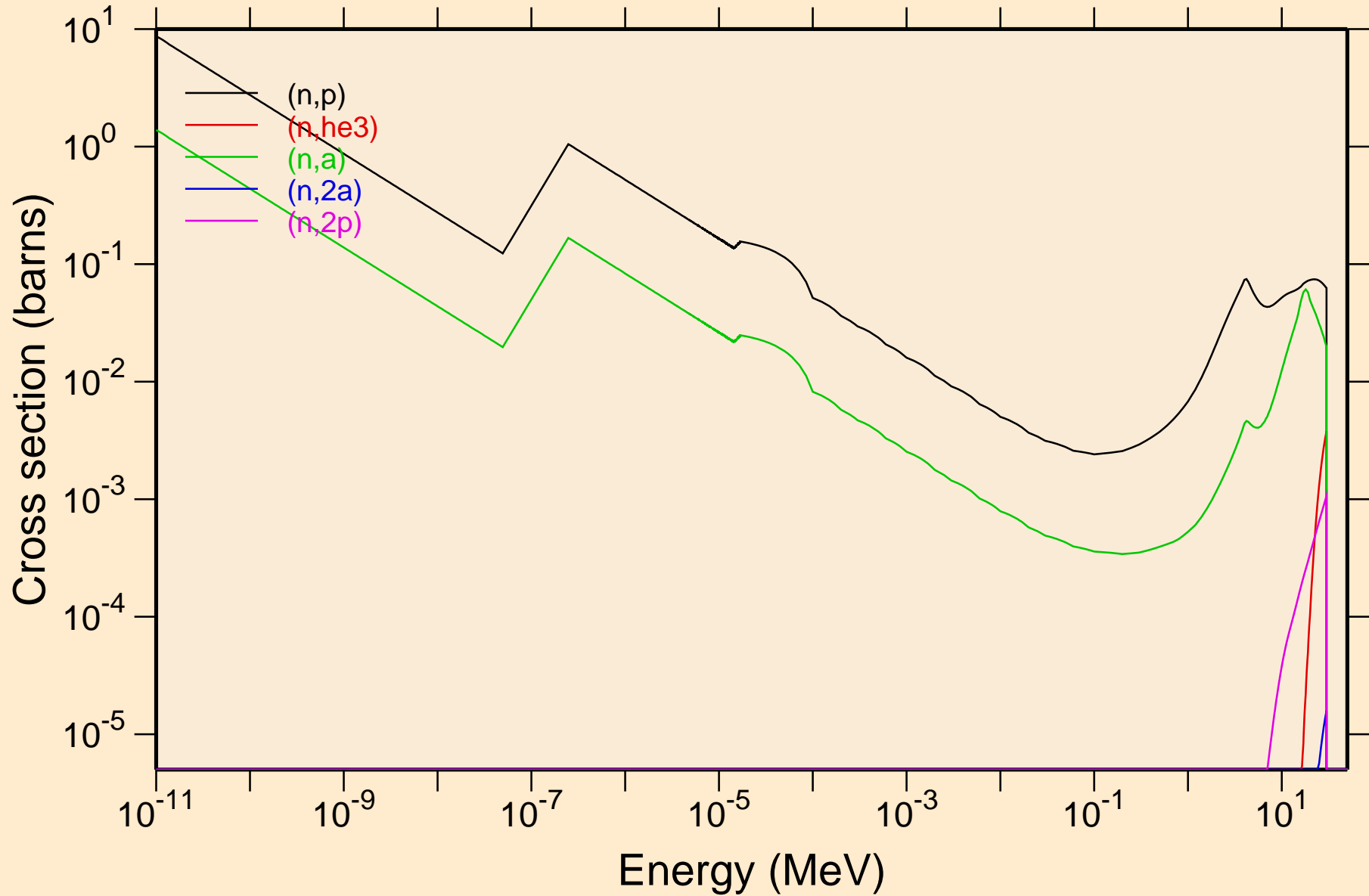
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



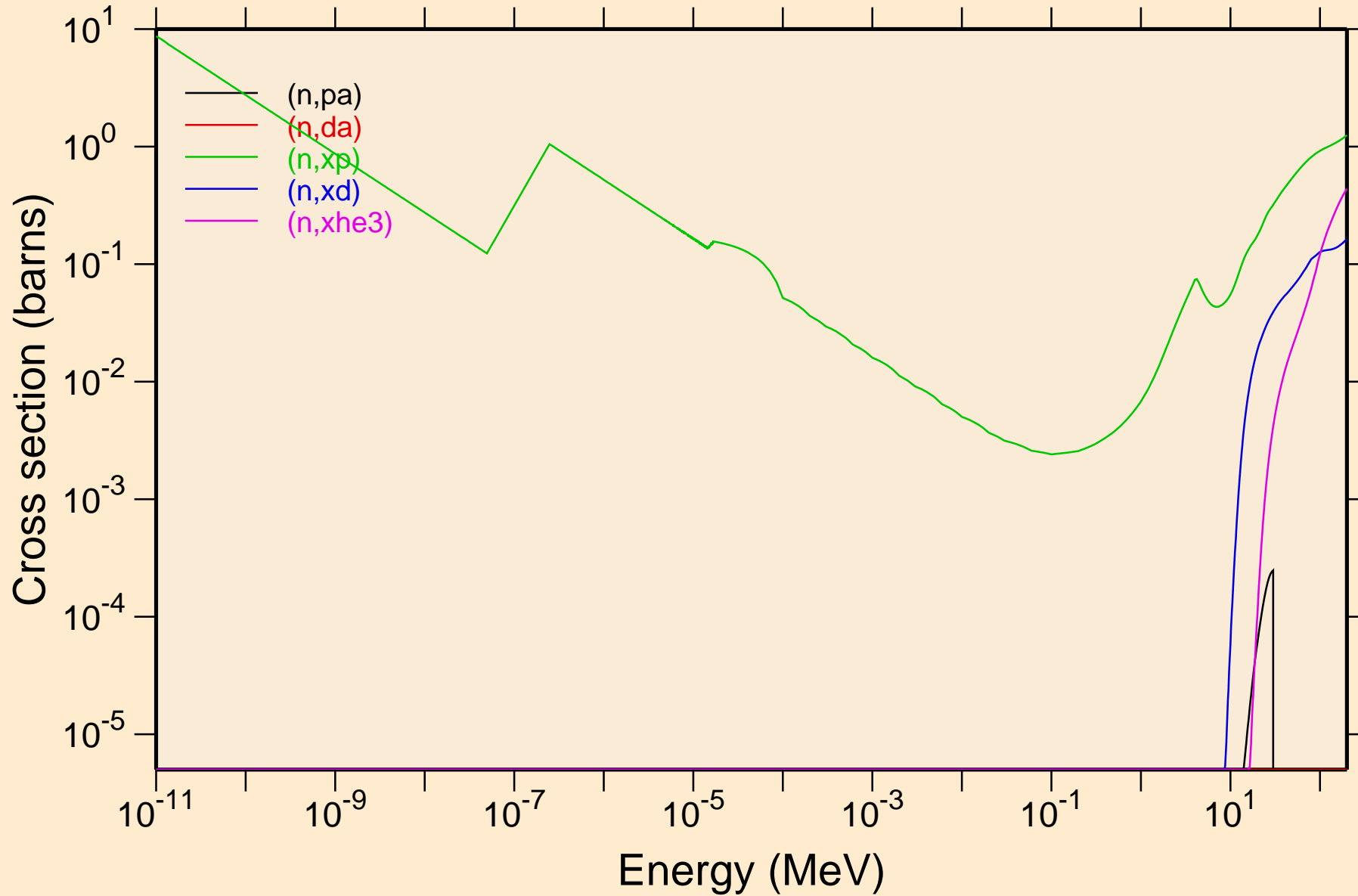
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



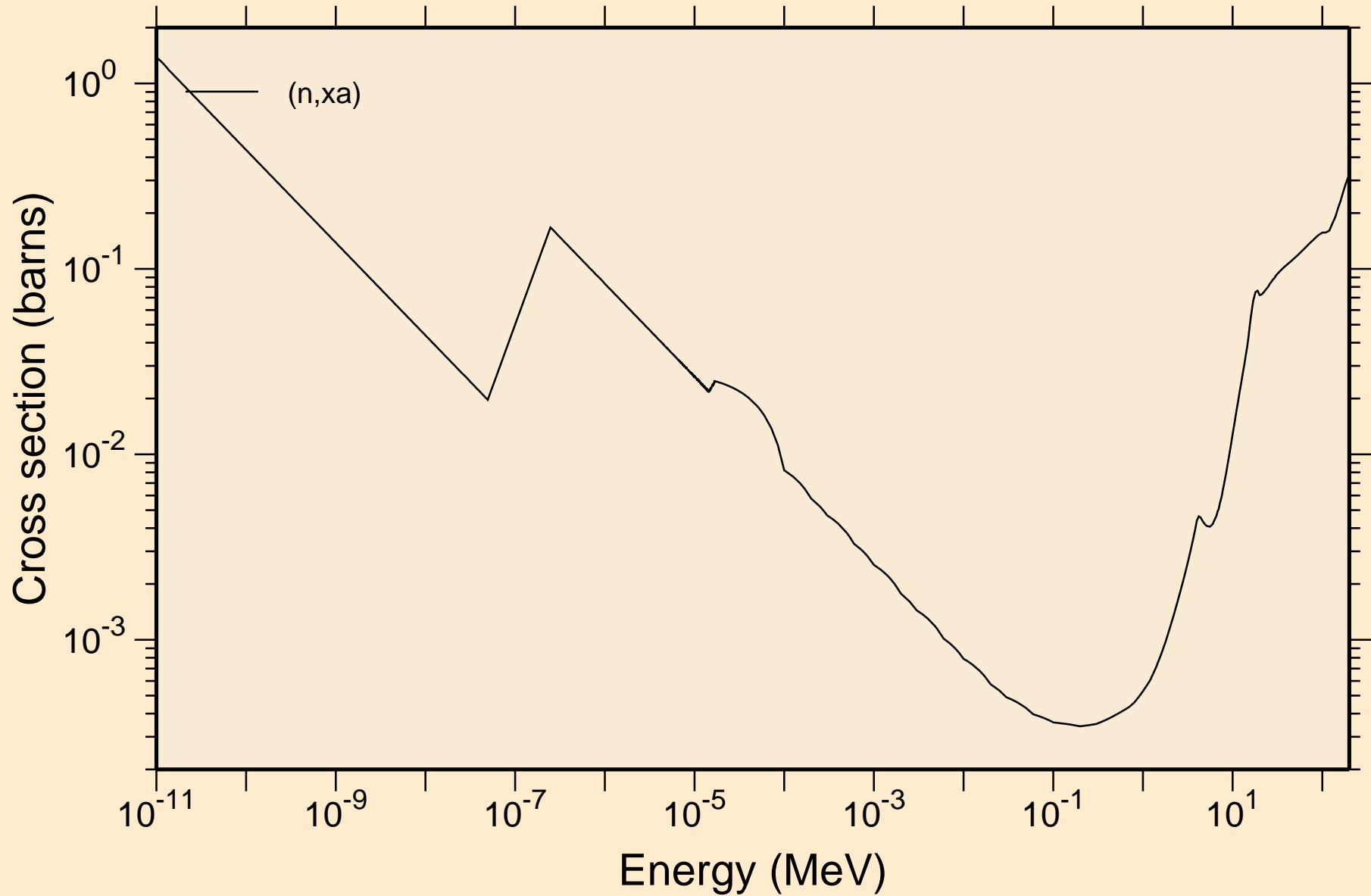
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



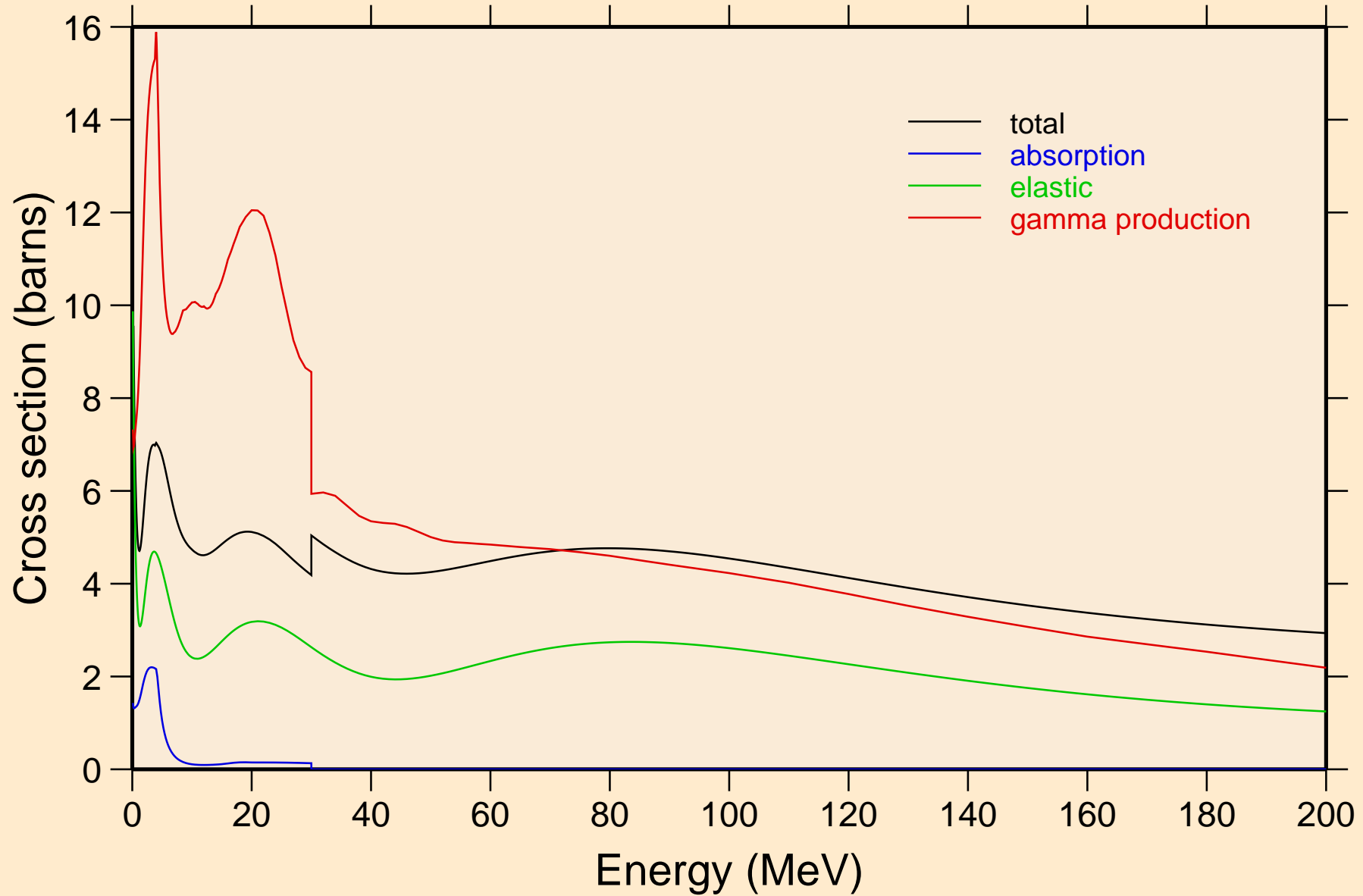
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



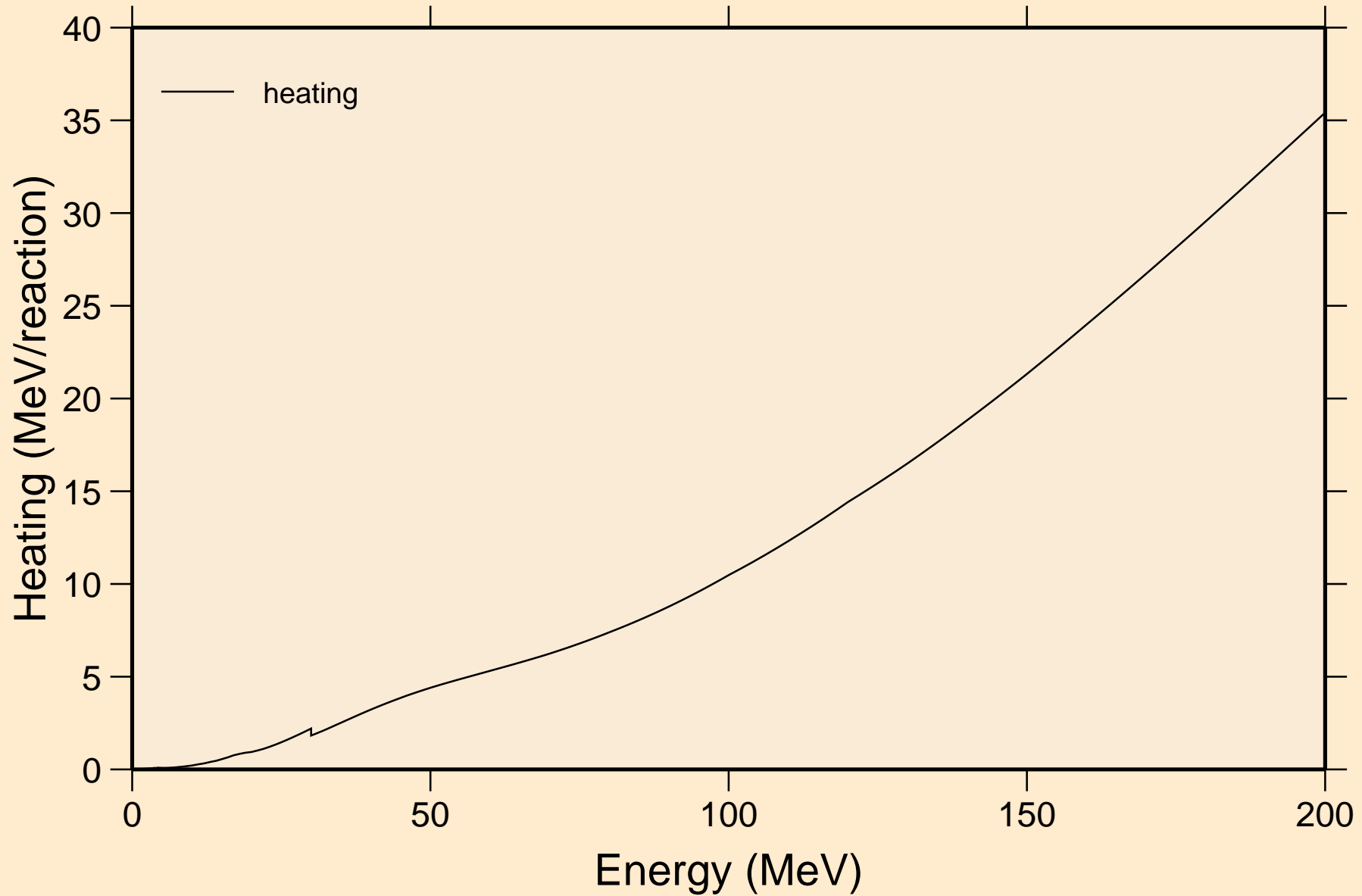
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



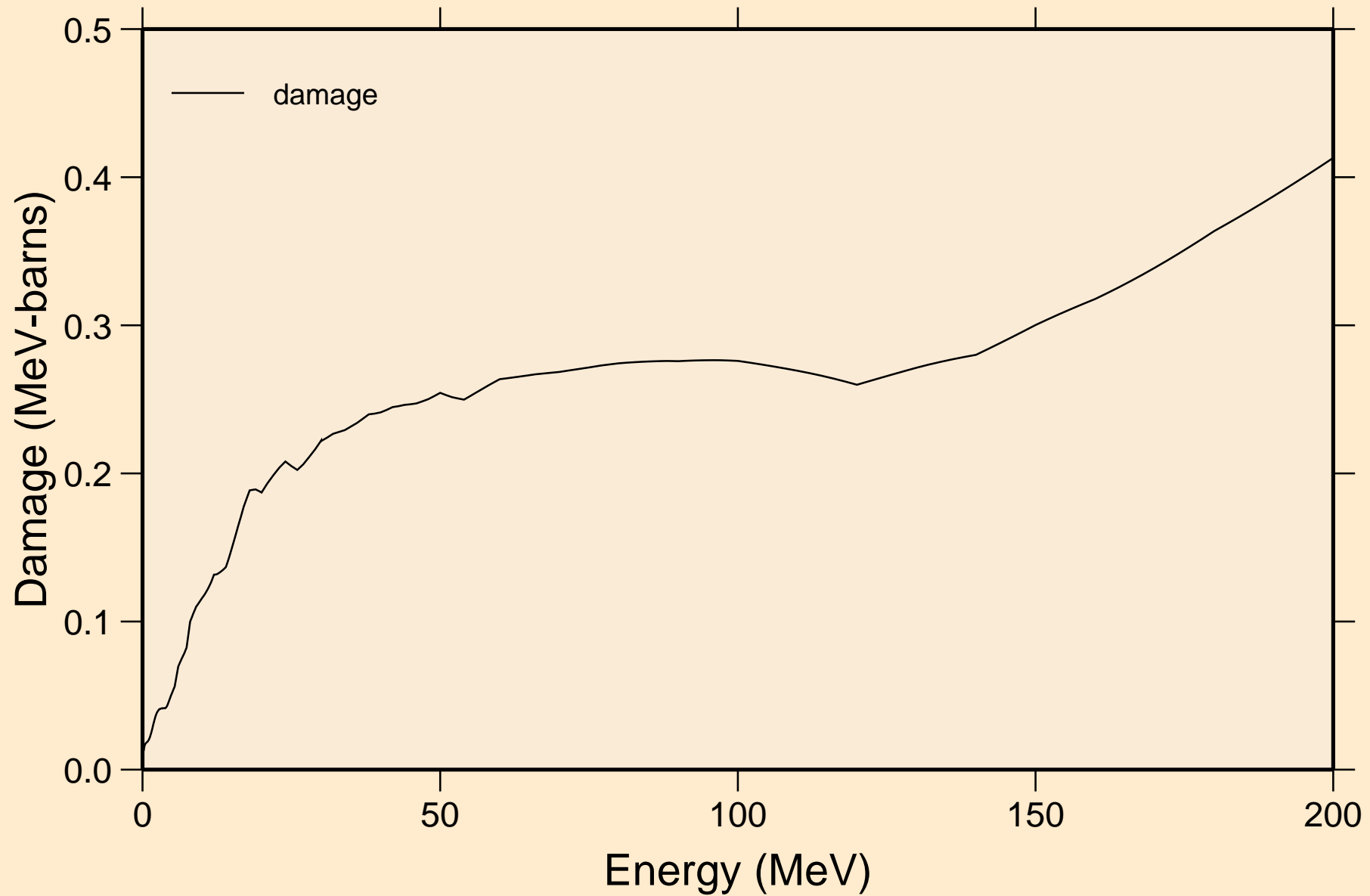


# PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

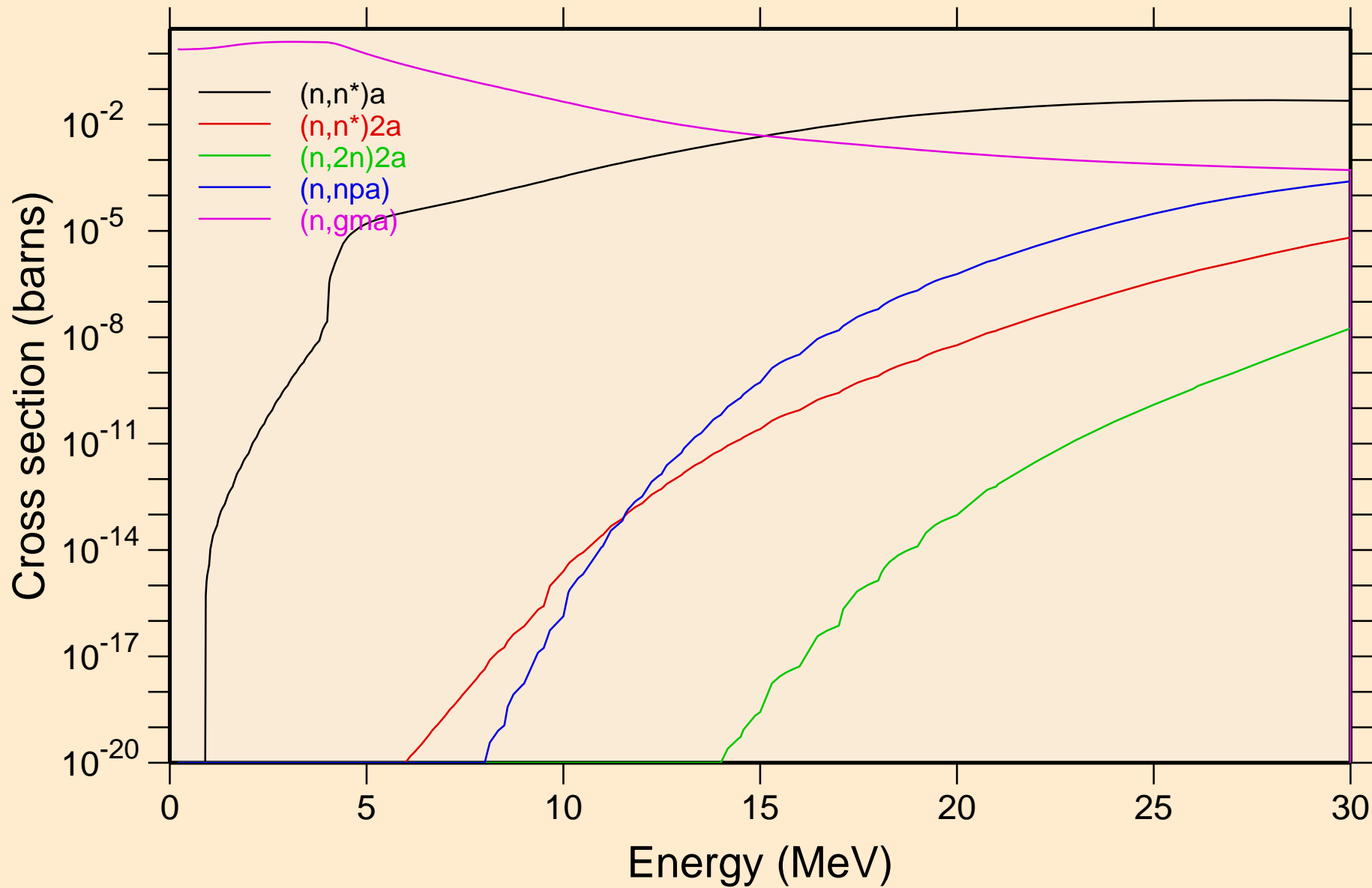
## Heating



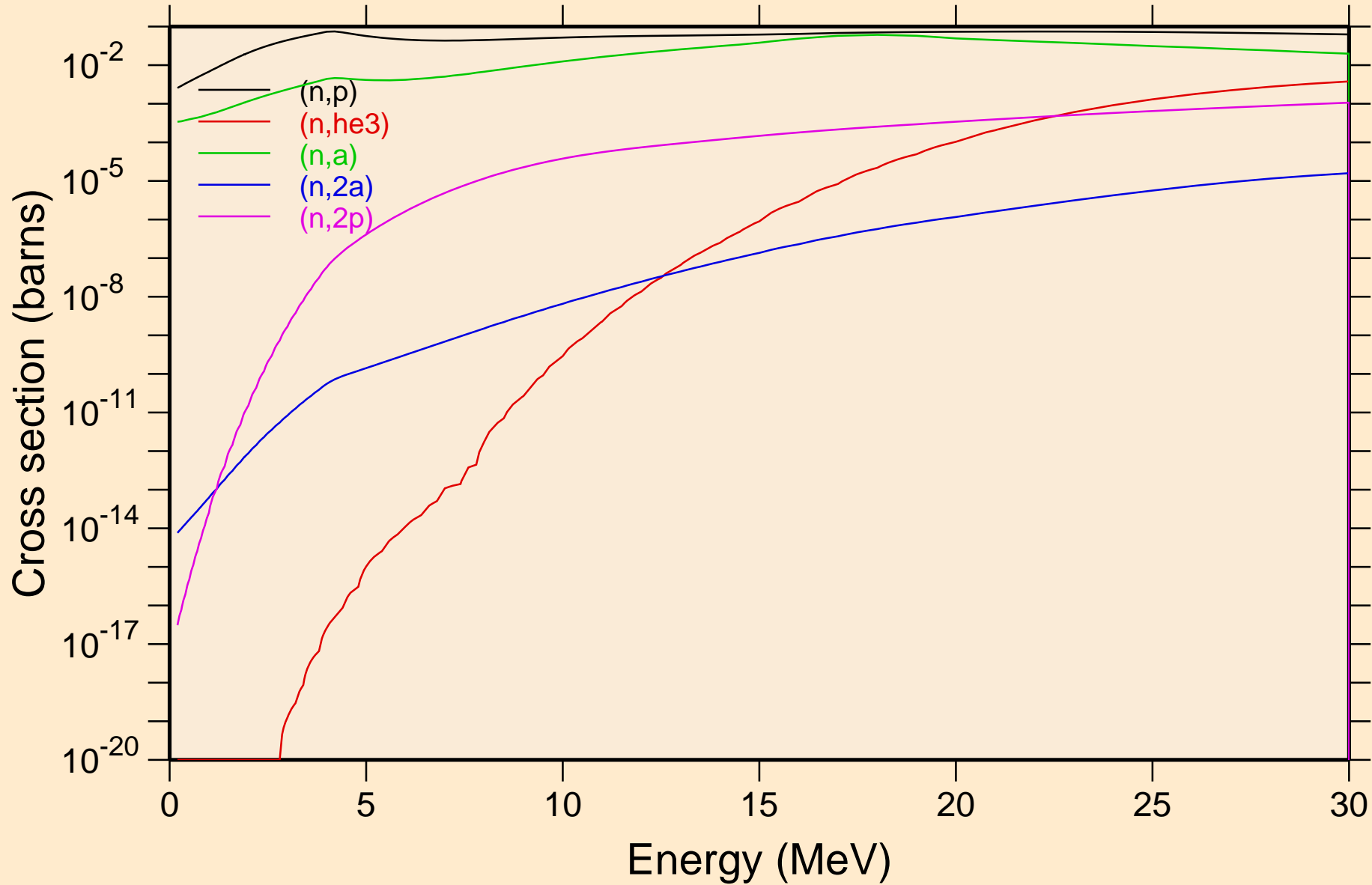
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



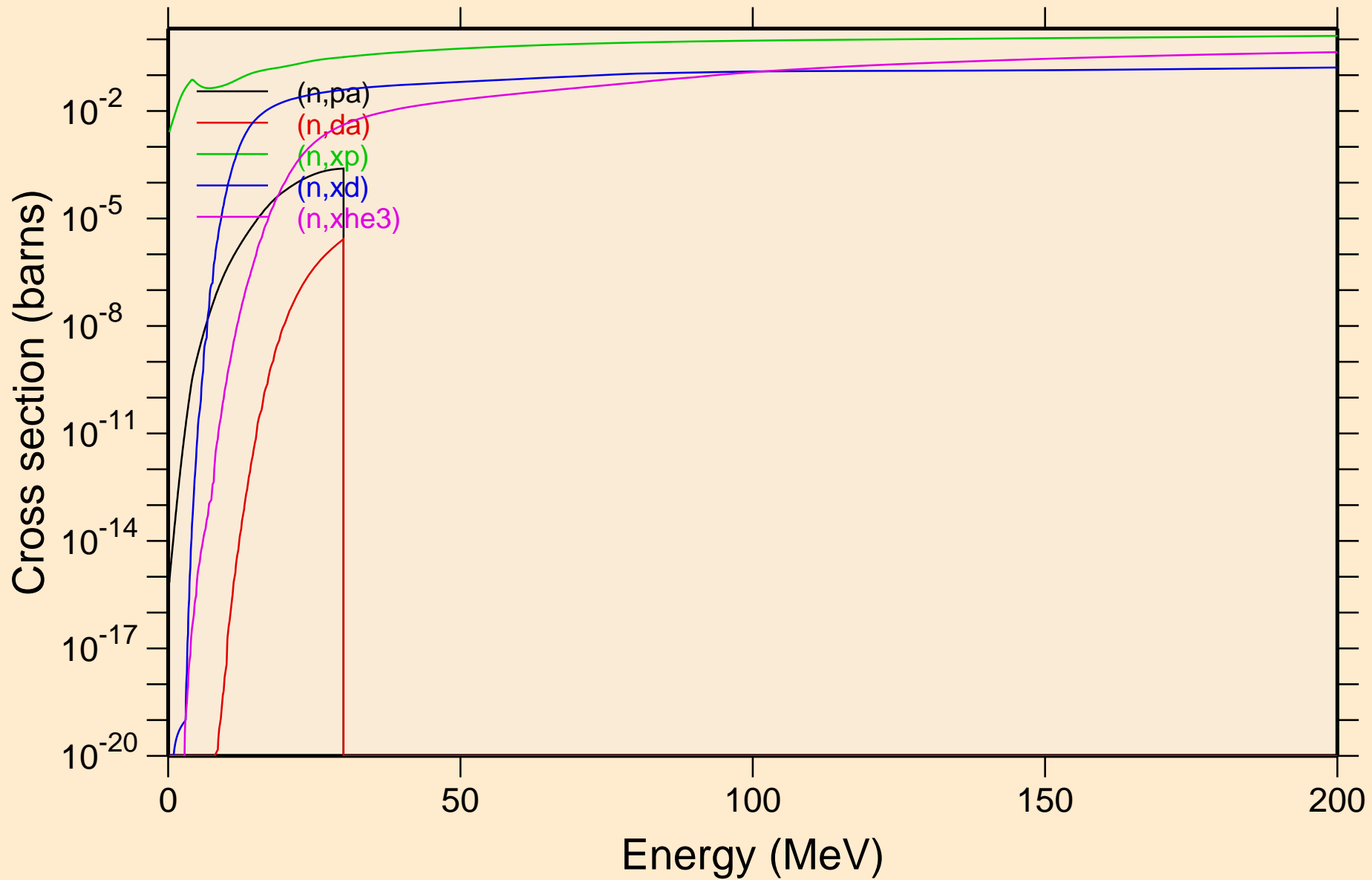
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



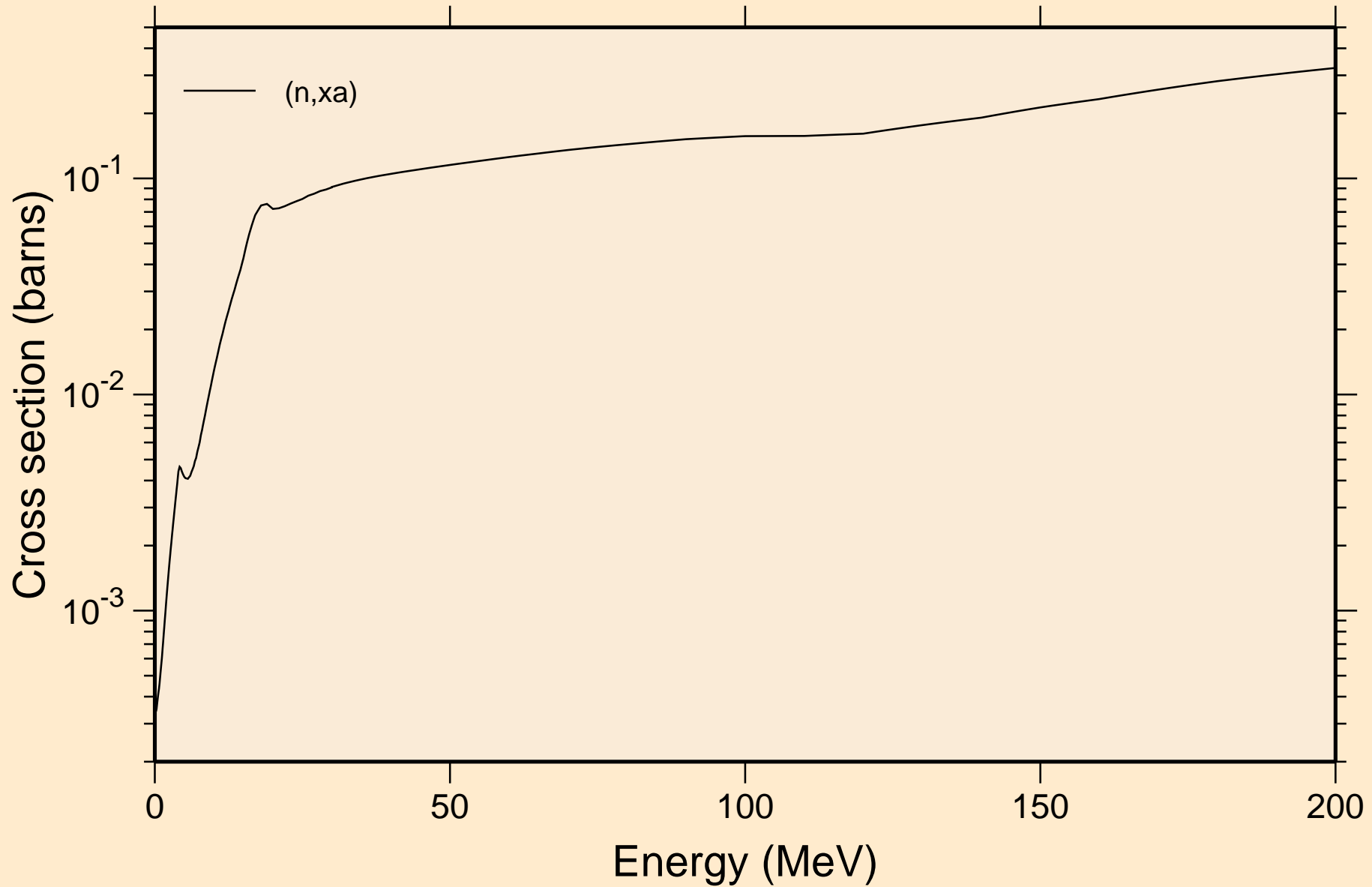
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



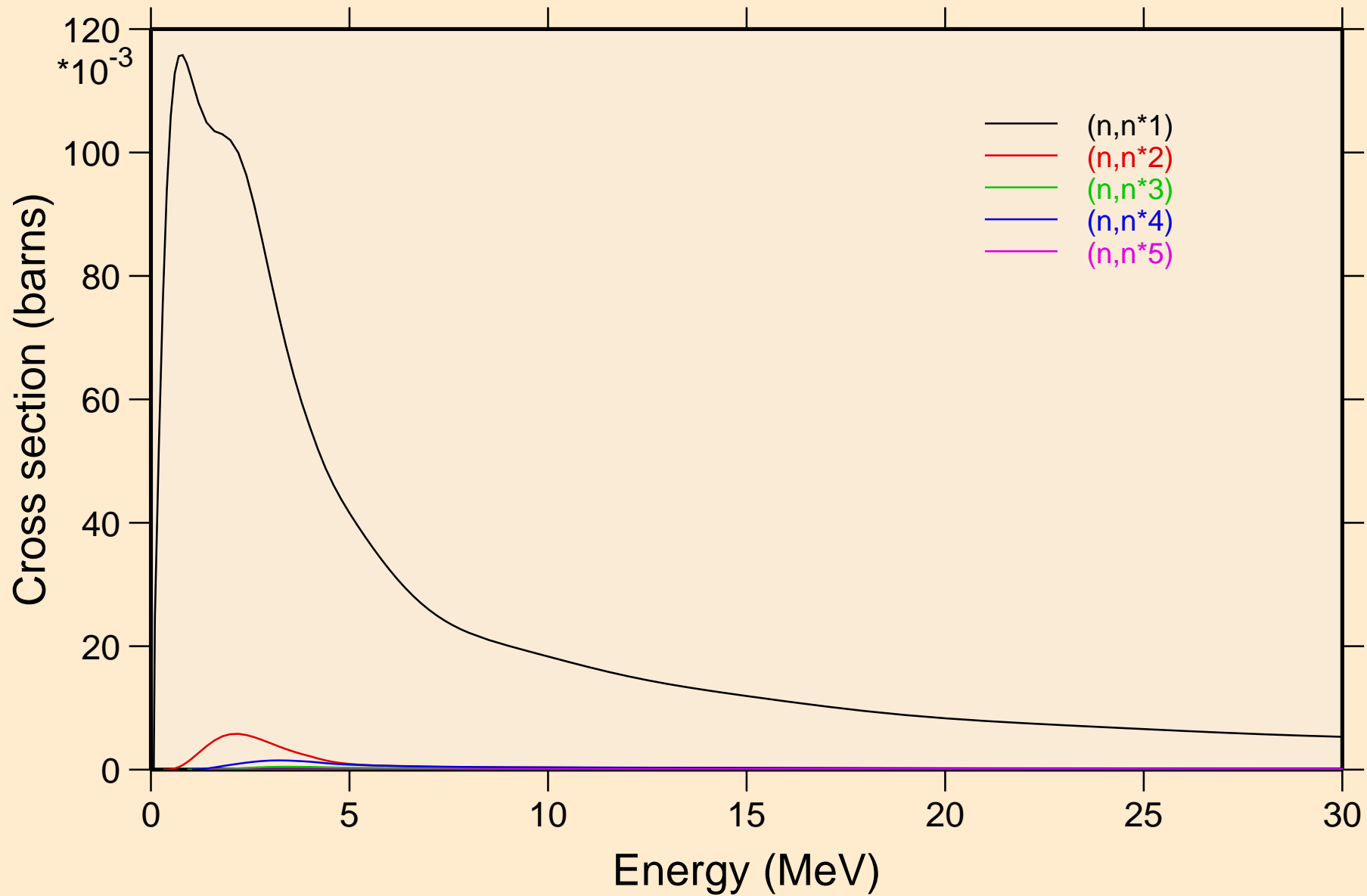
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



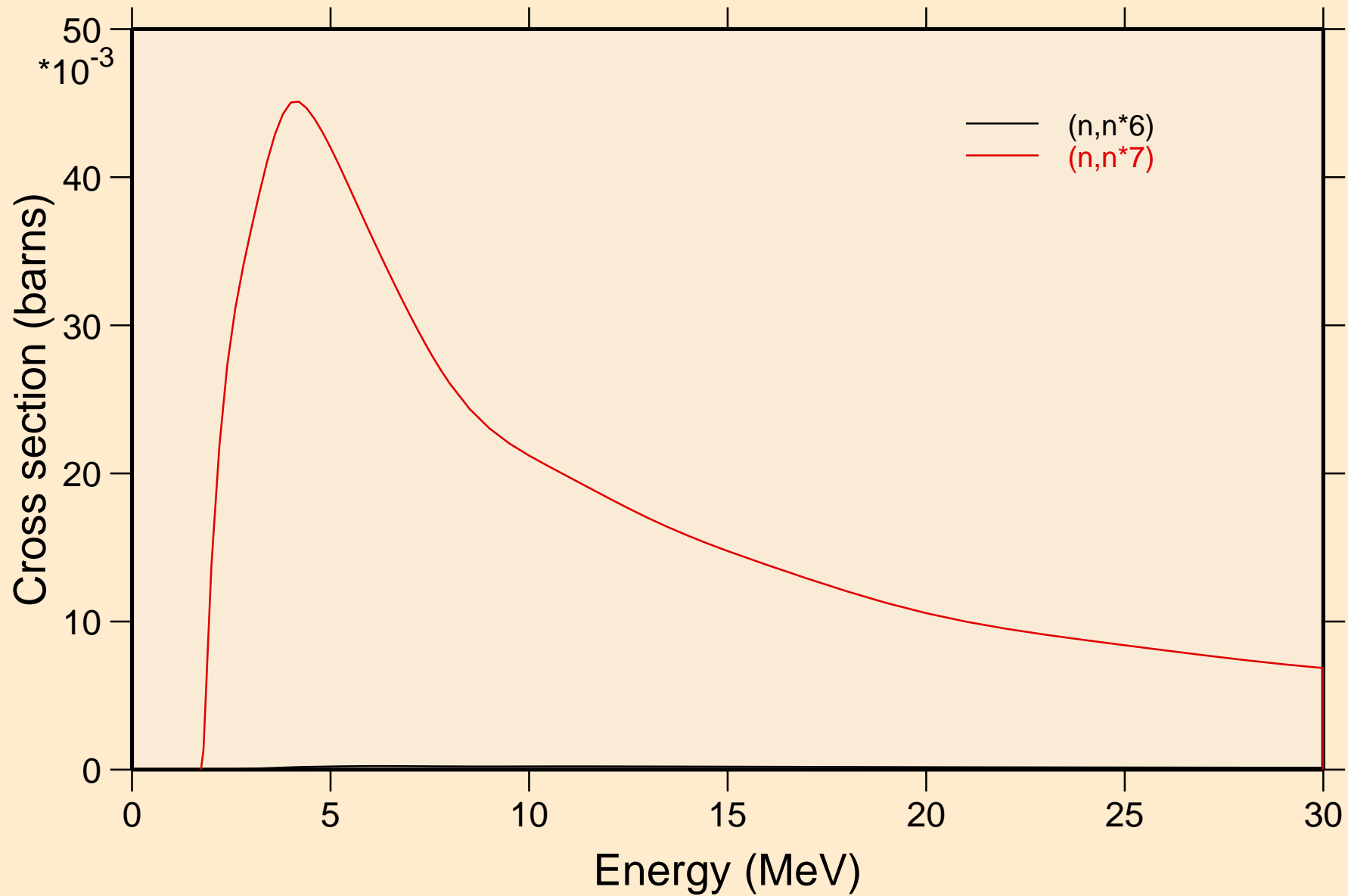
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

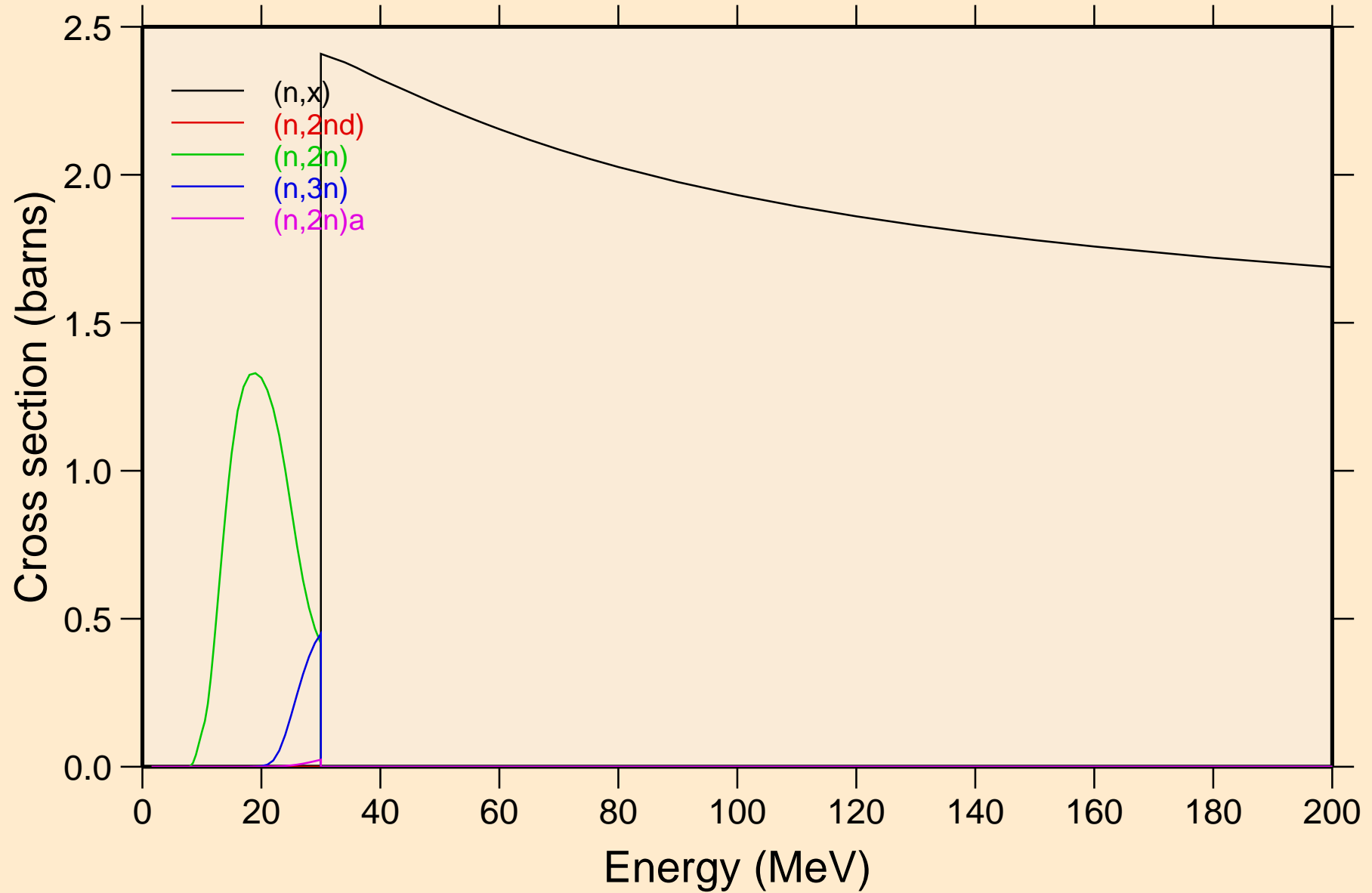


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

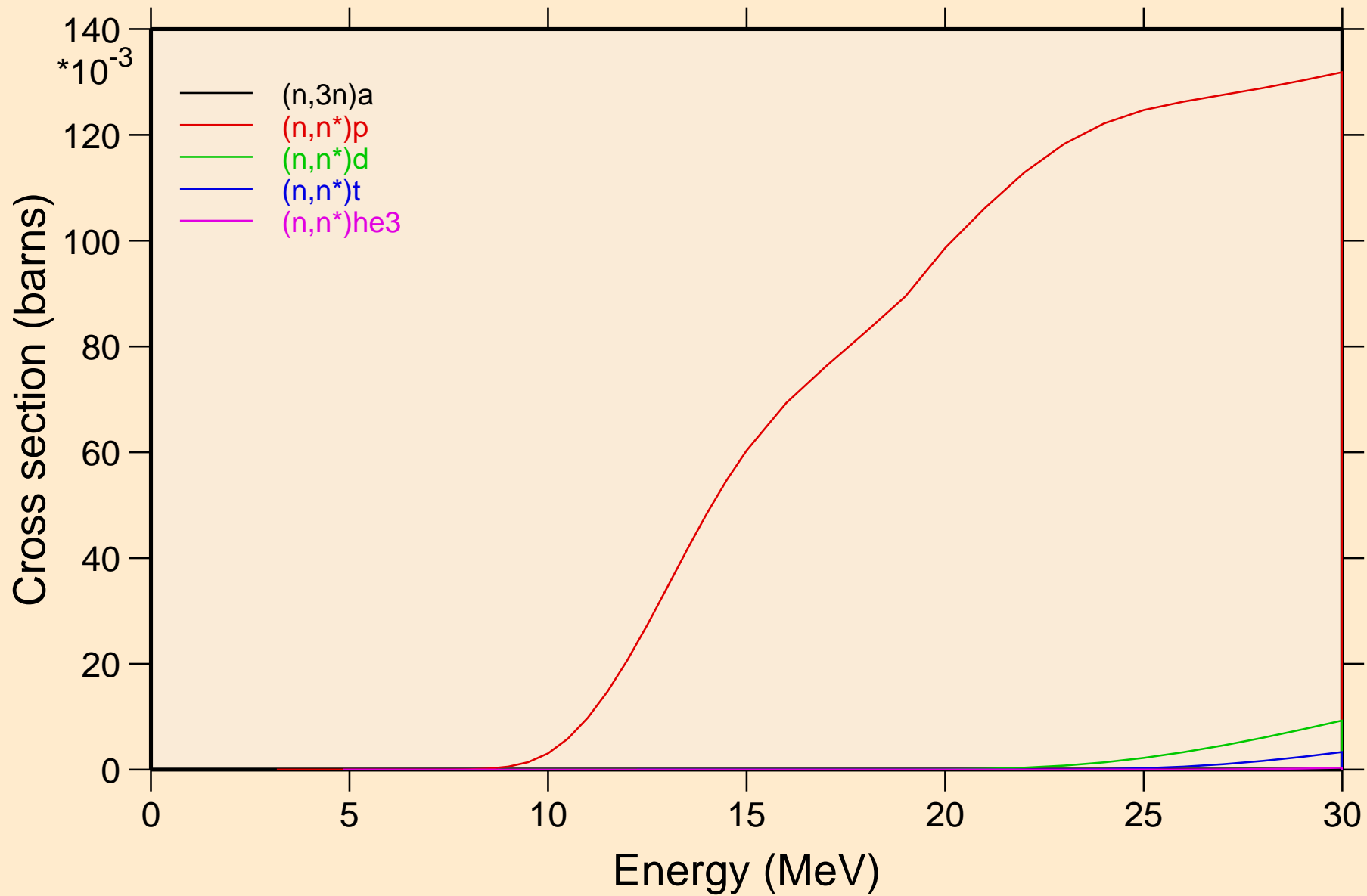




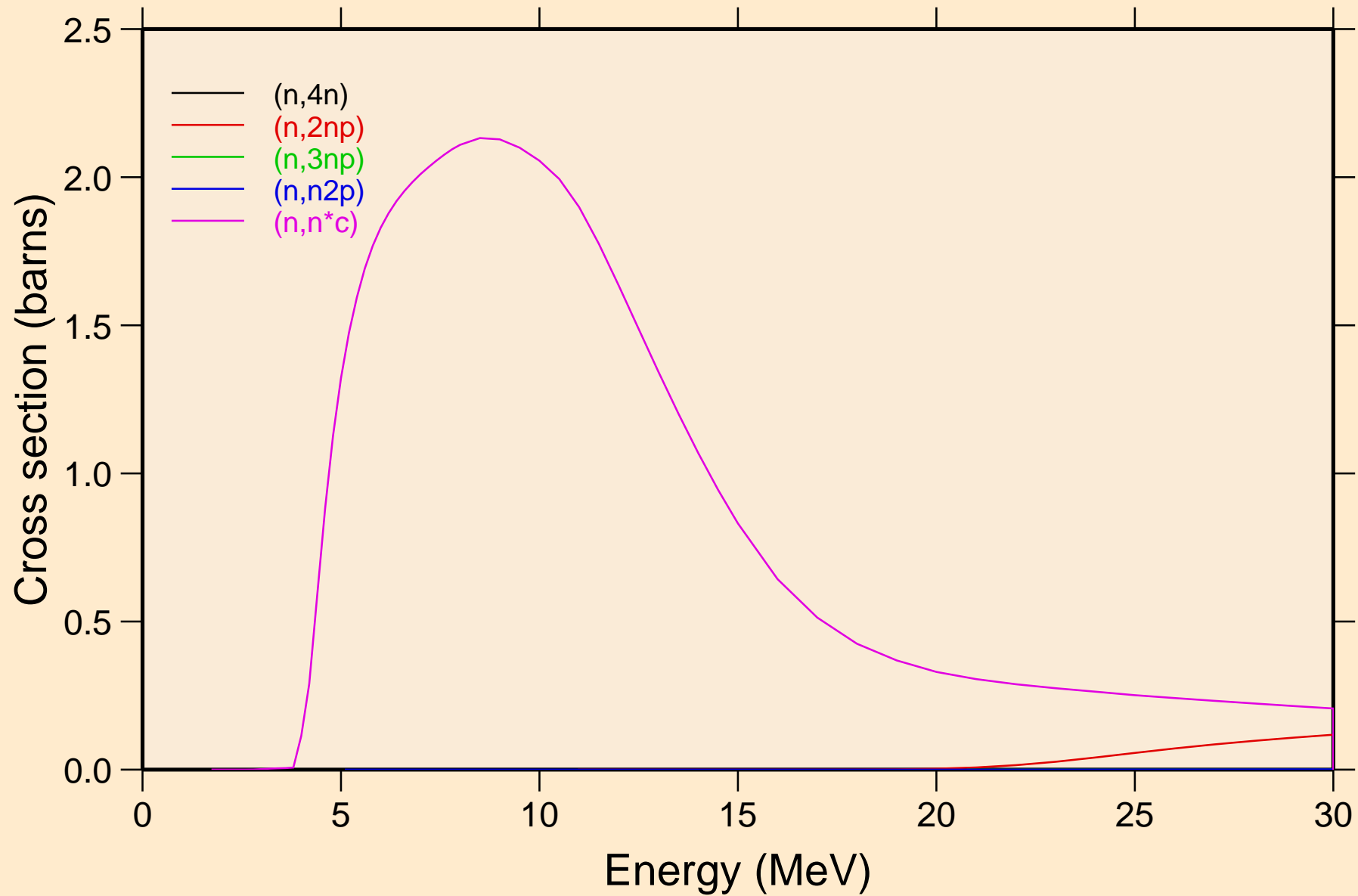
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



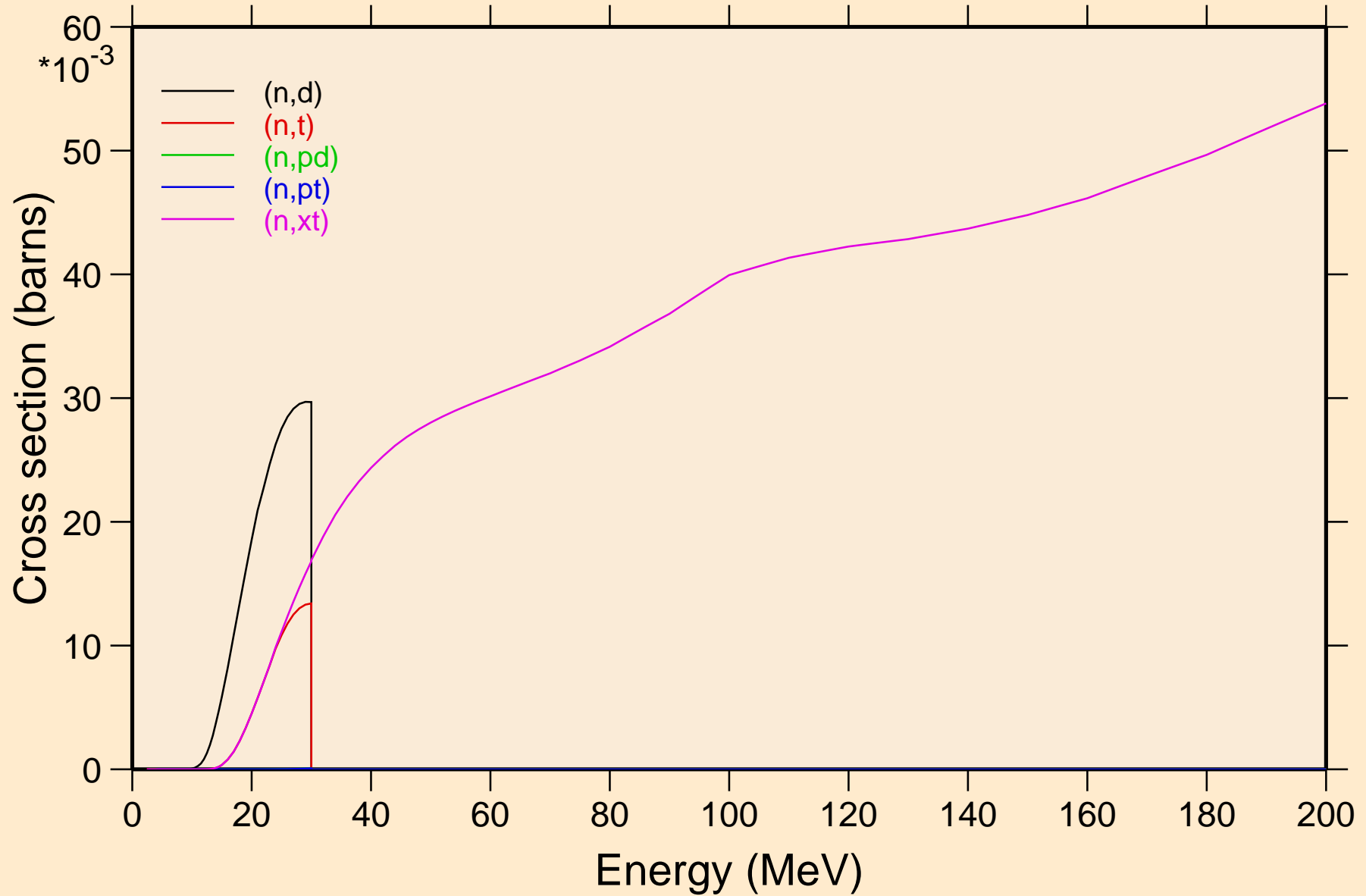
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



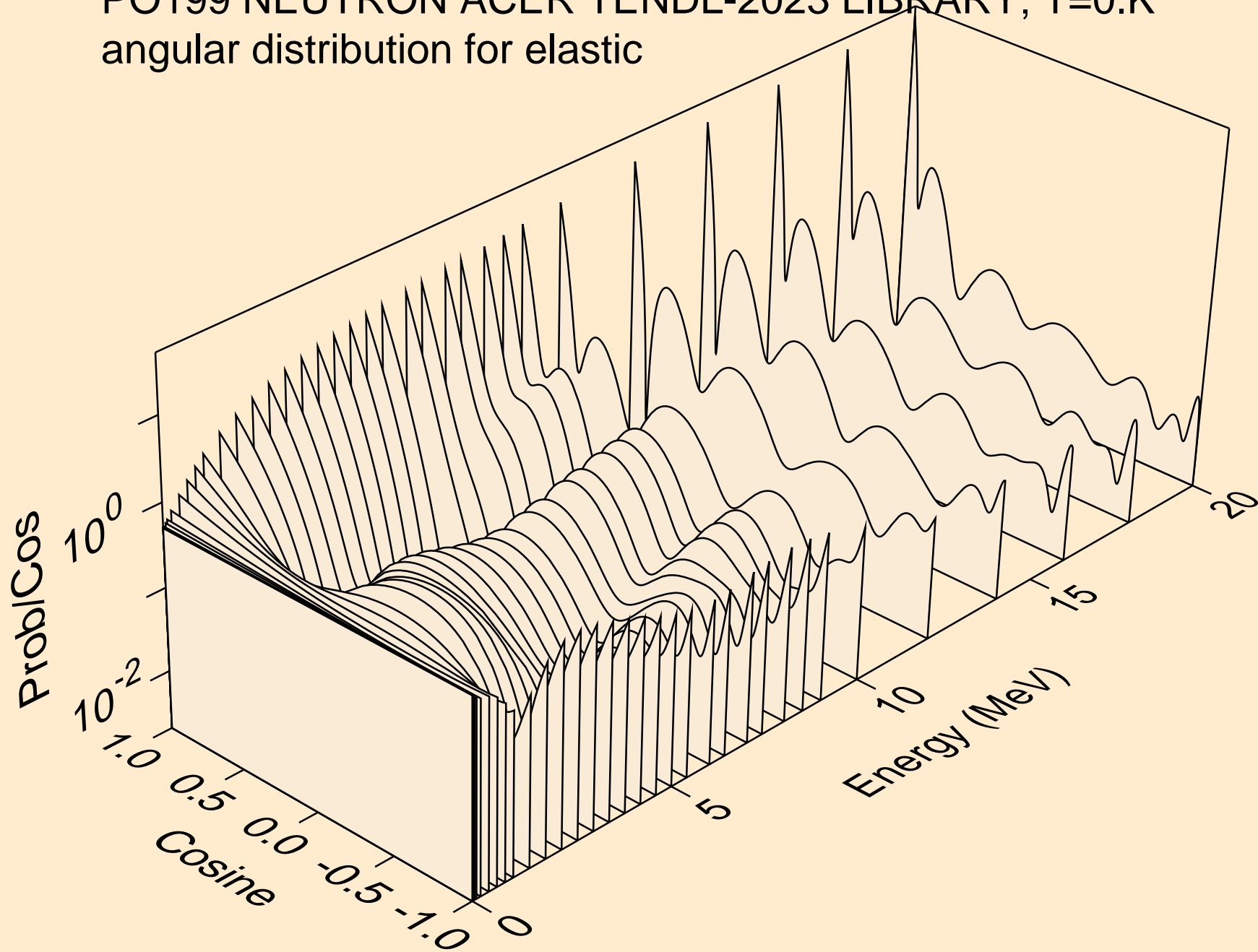
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



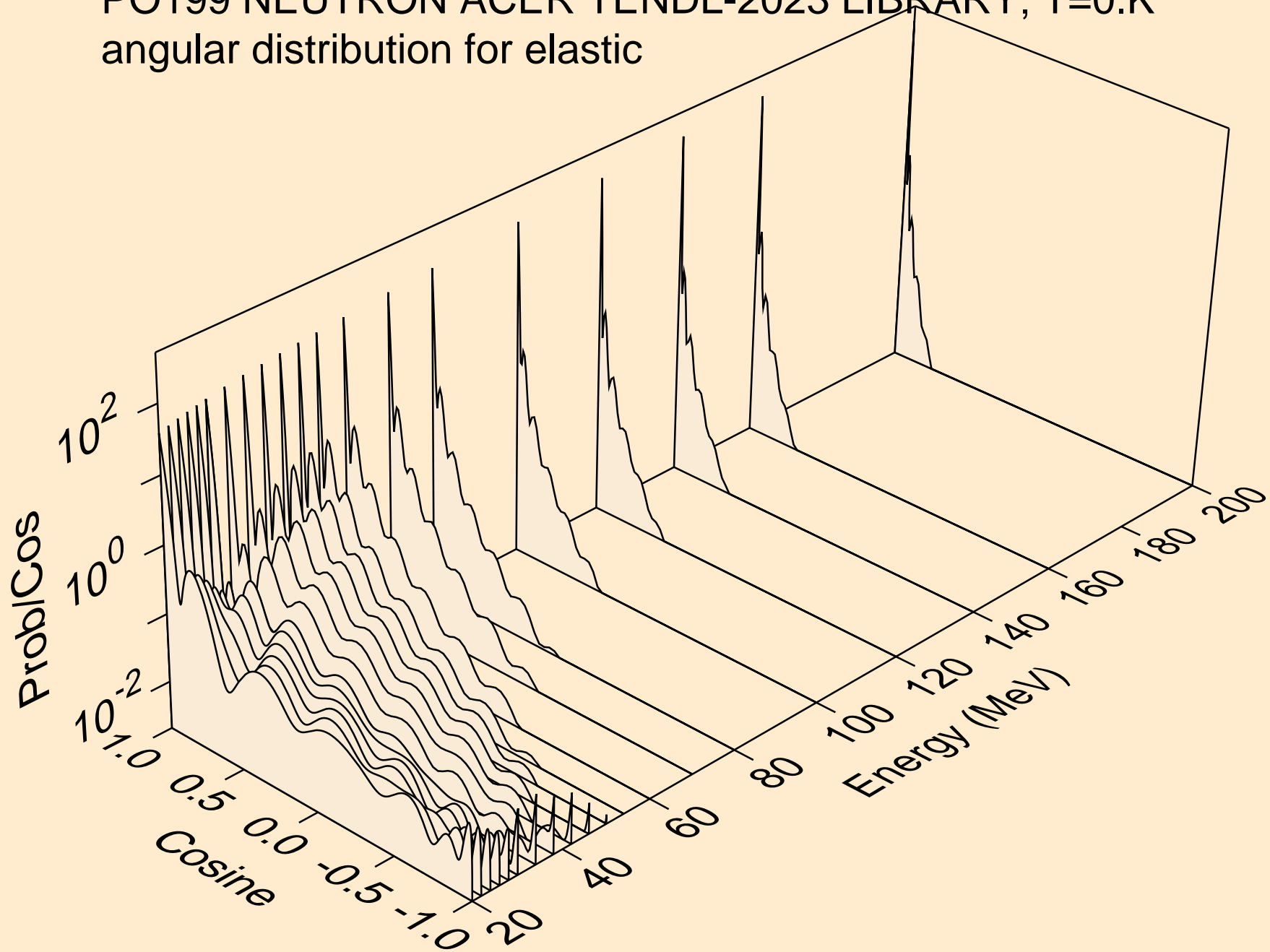
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



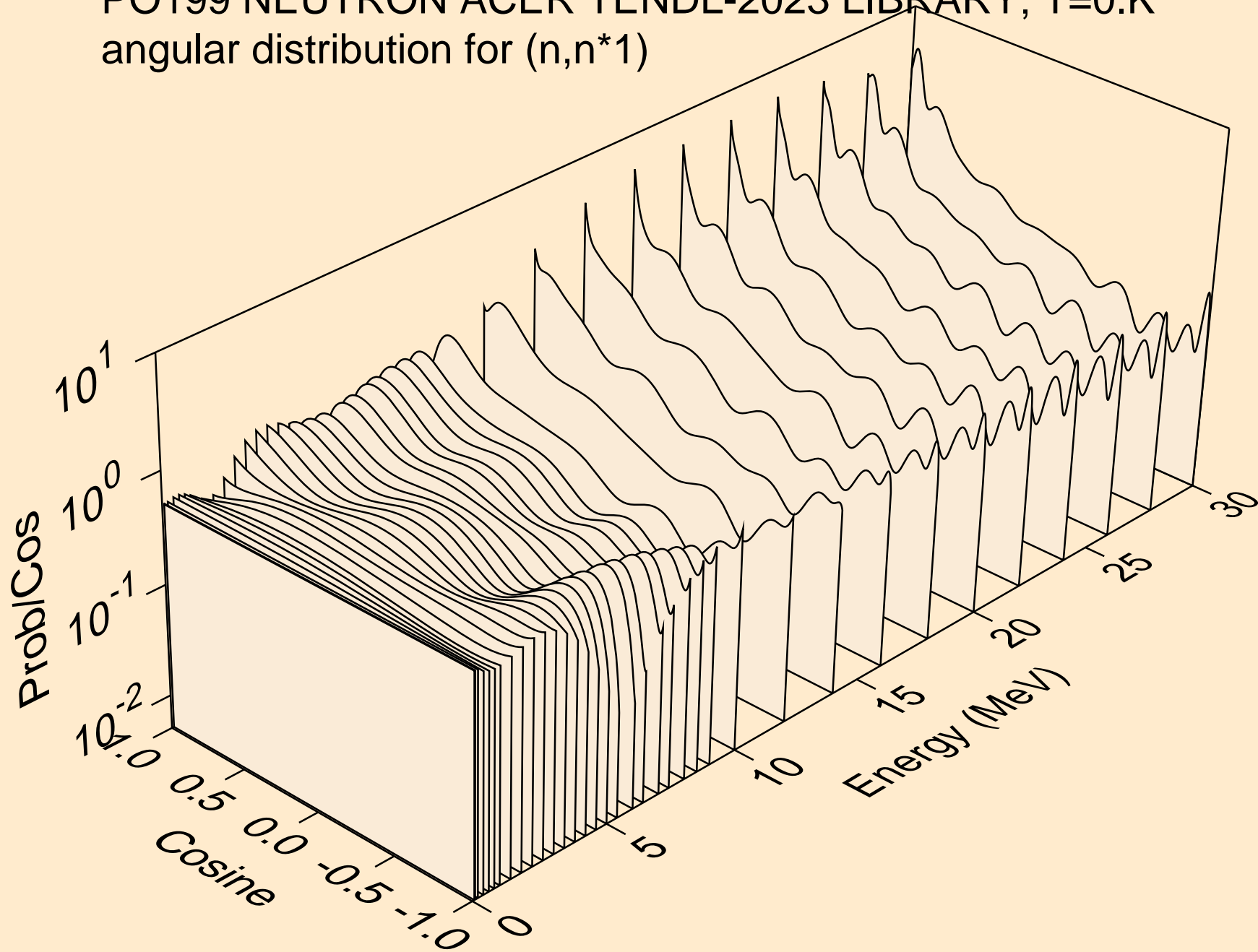
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



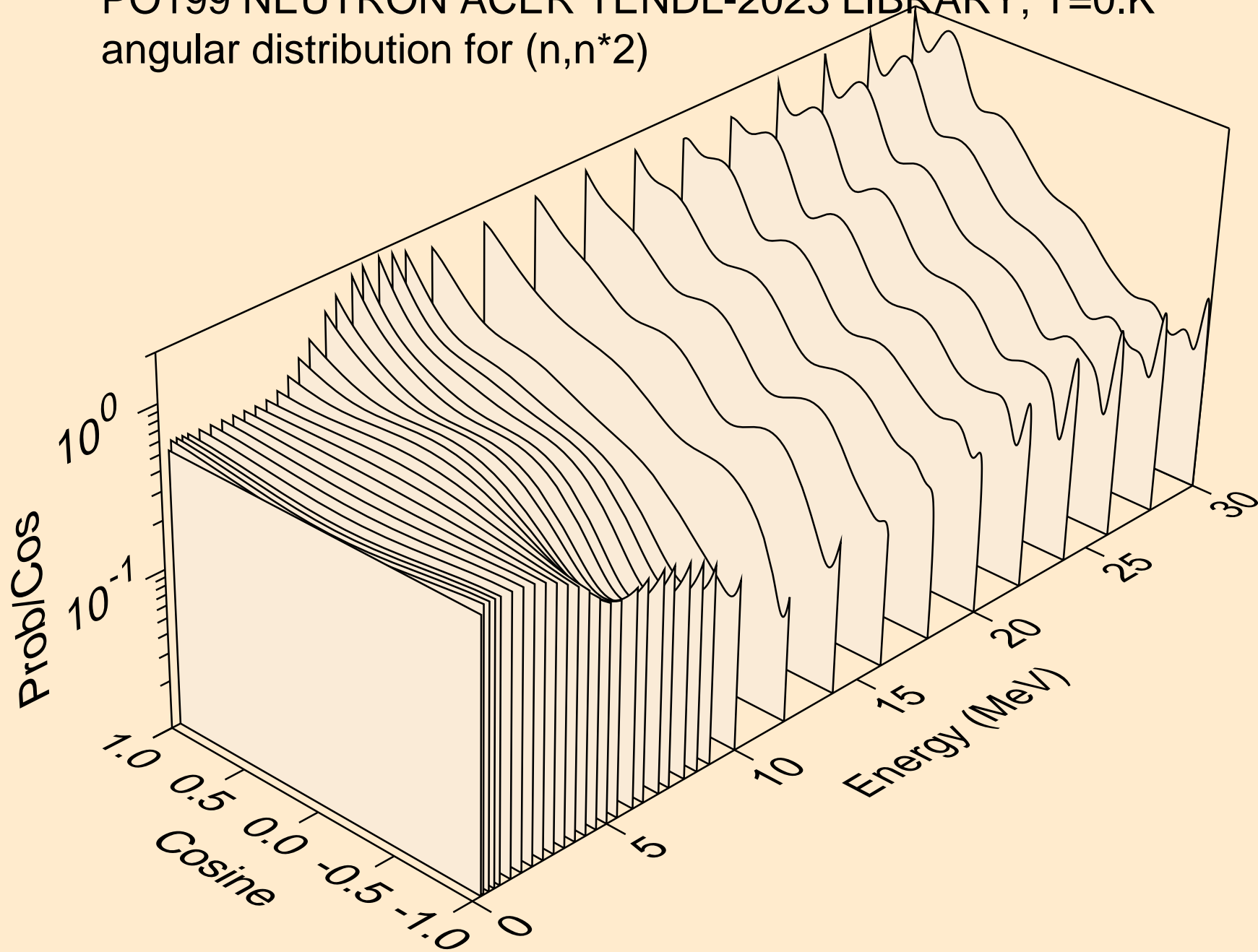
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

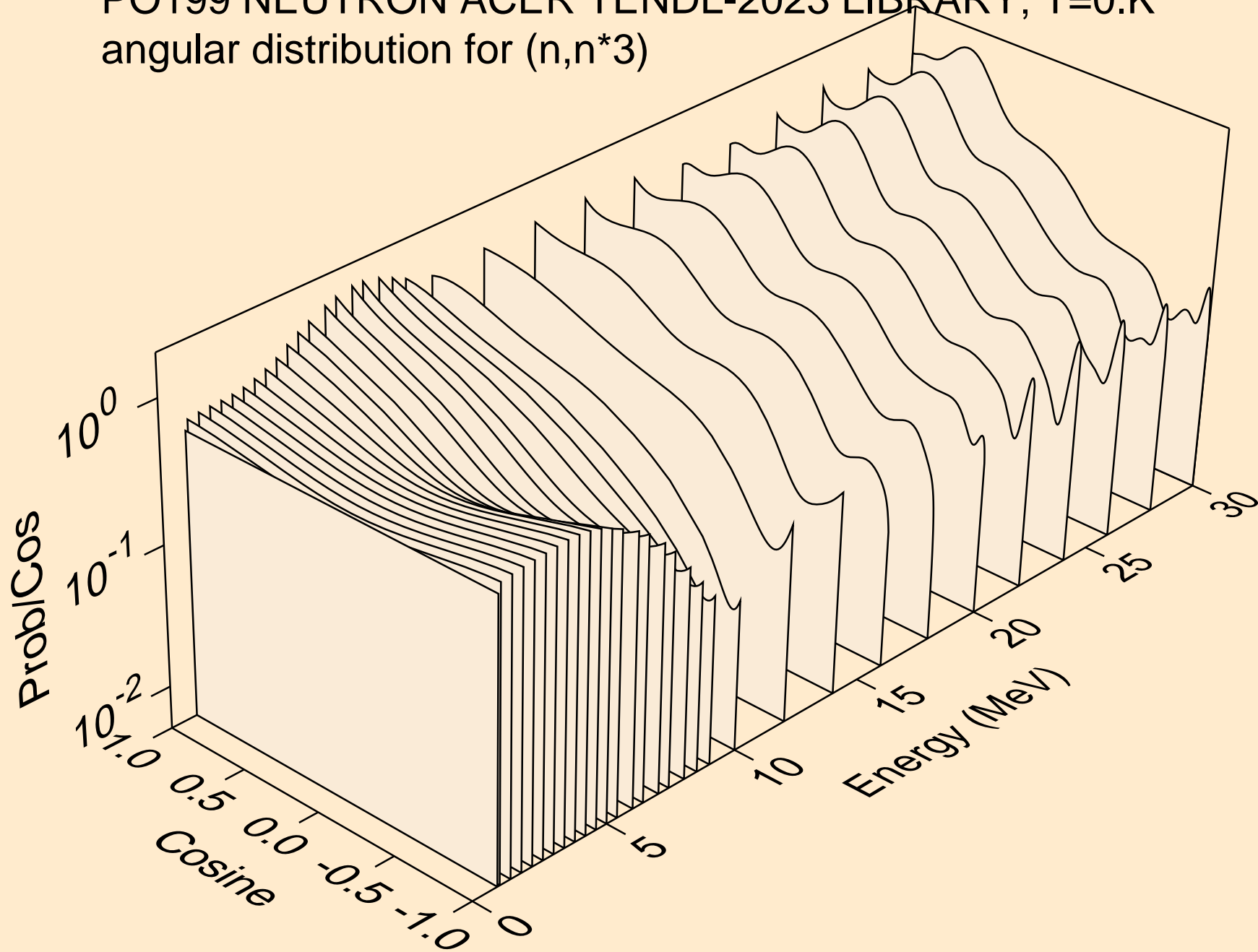


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

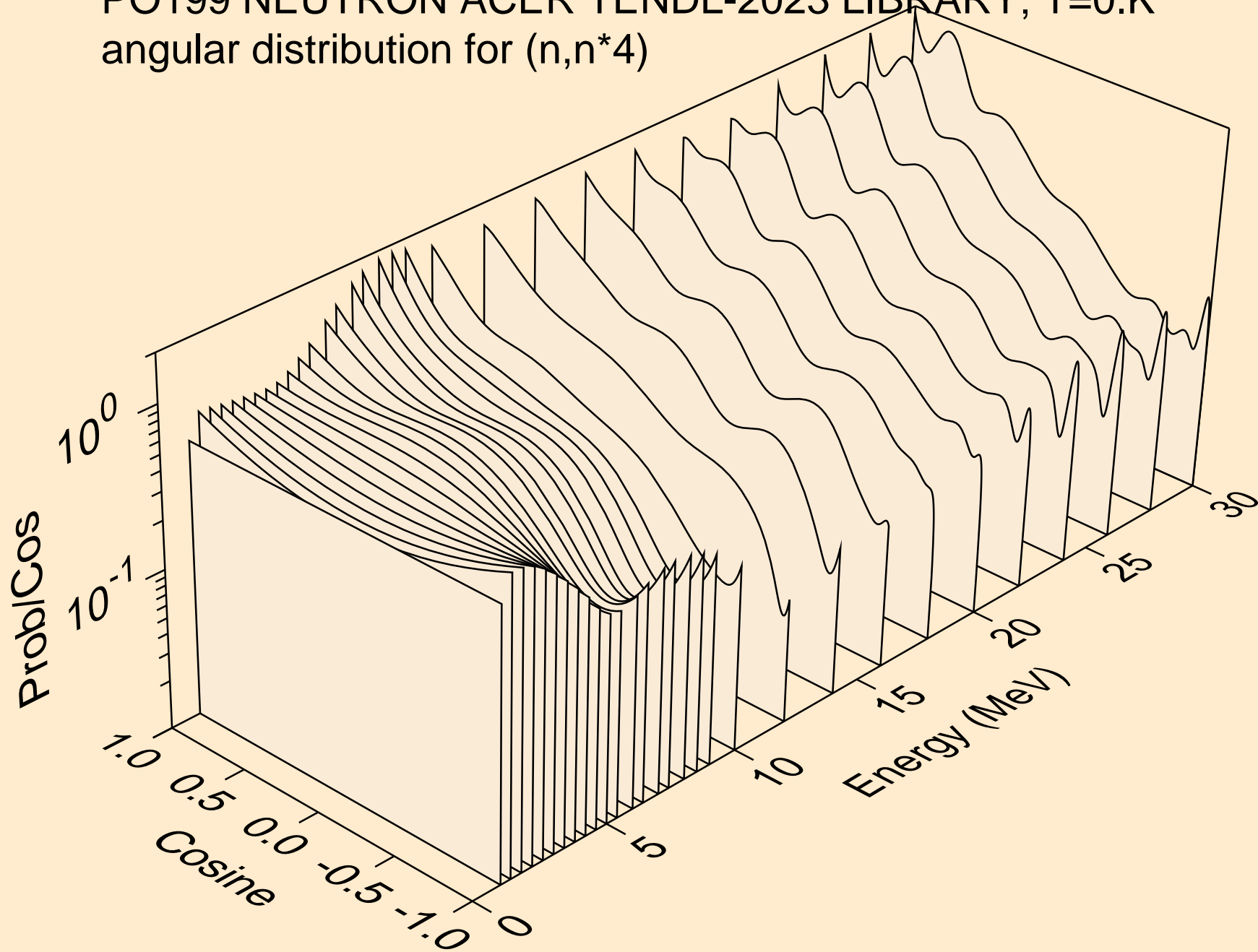




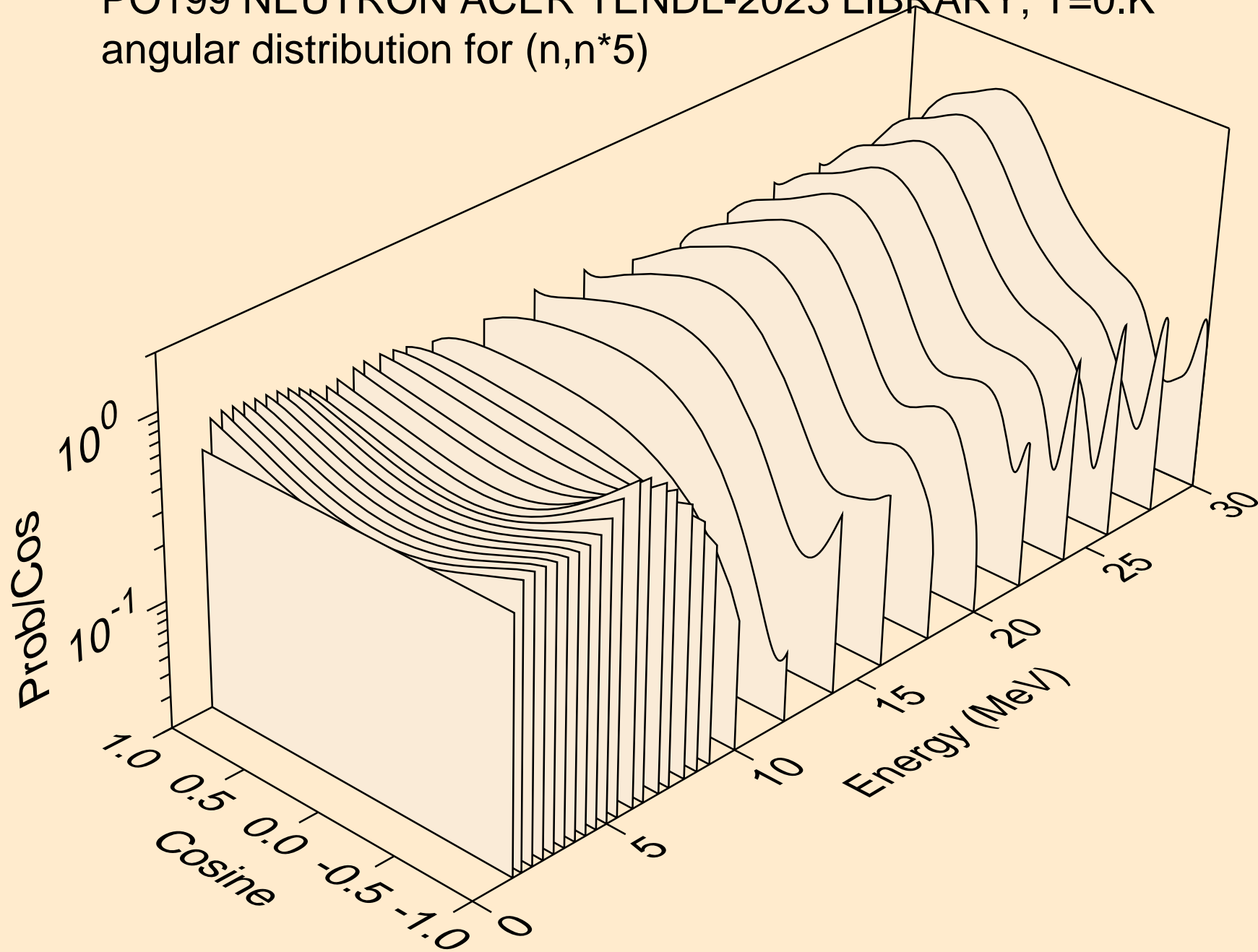
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



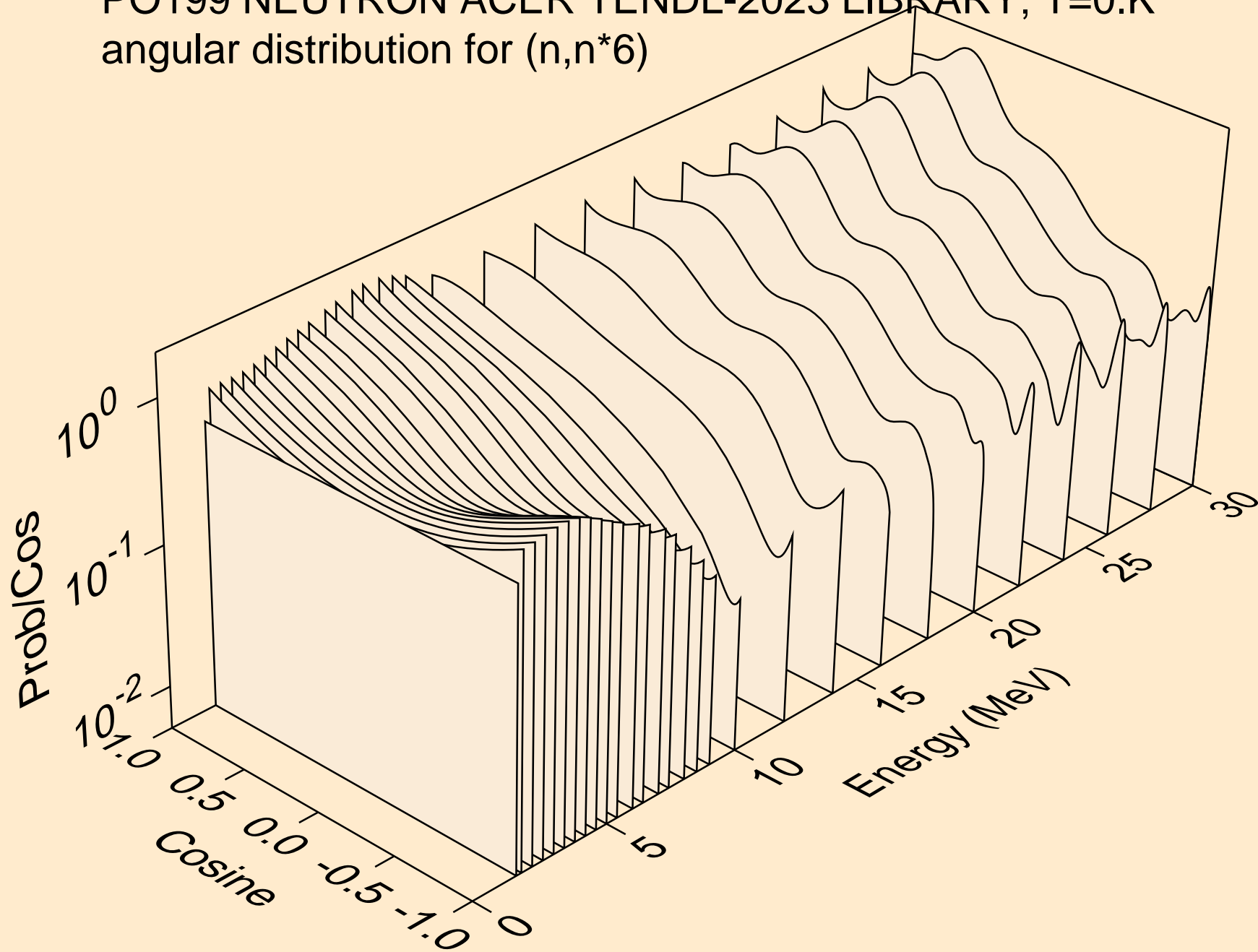
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



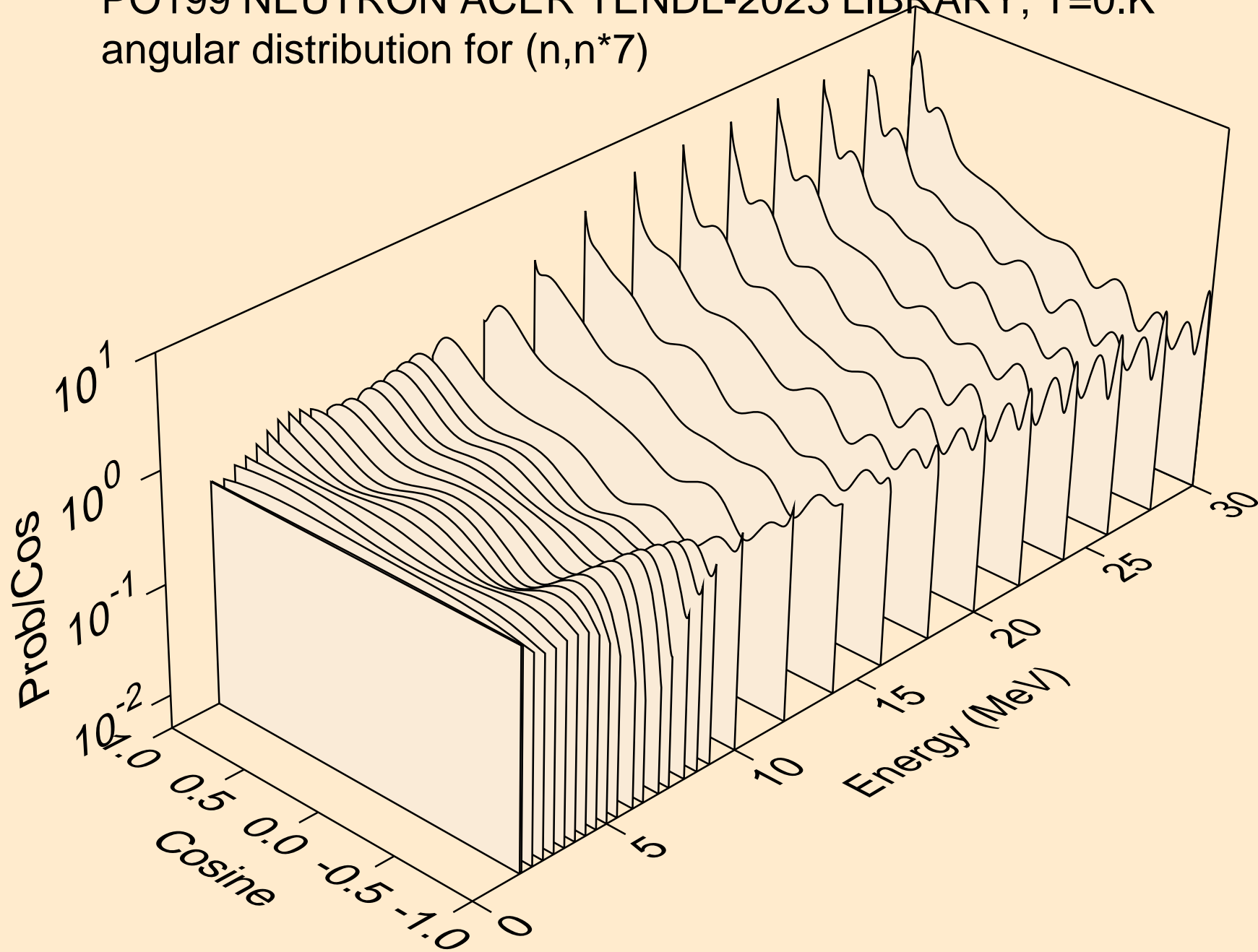
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



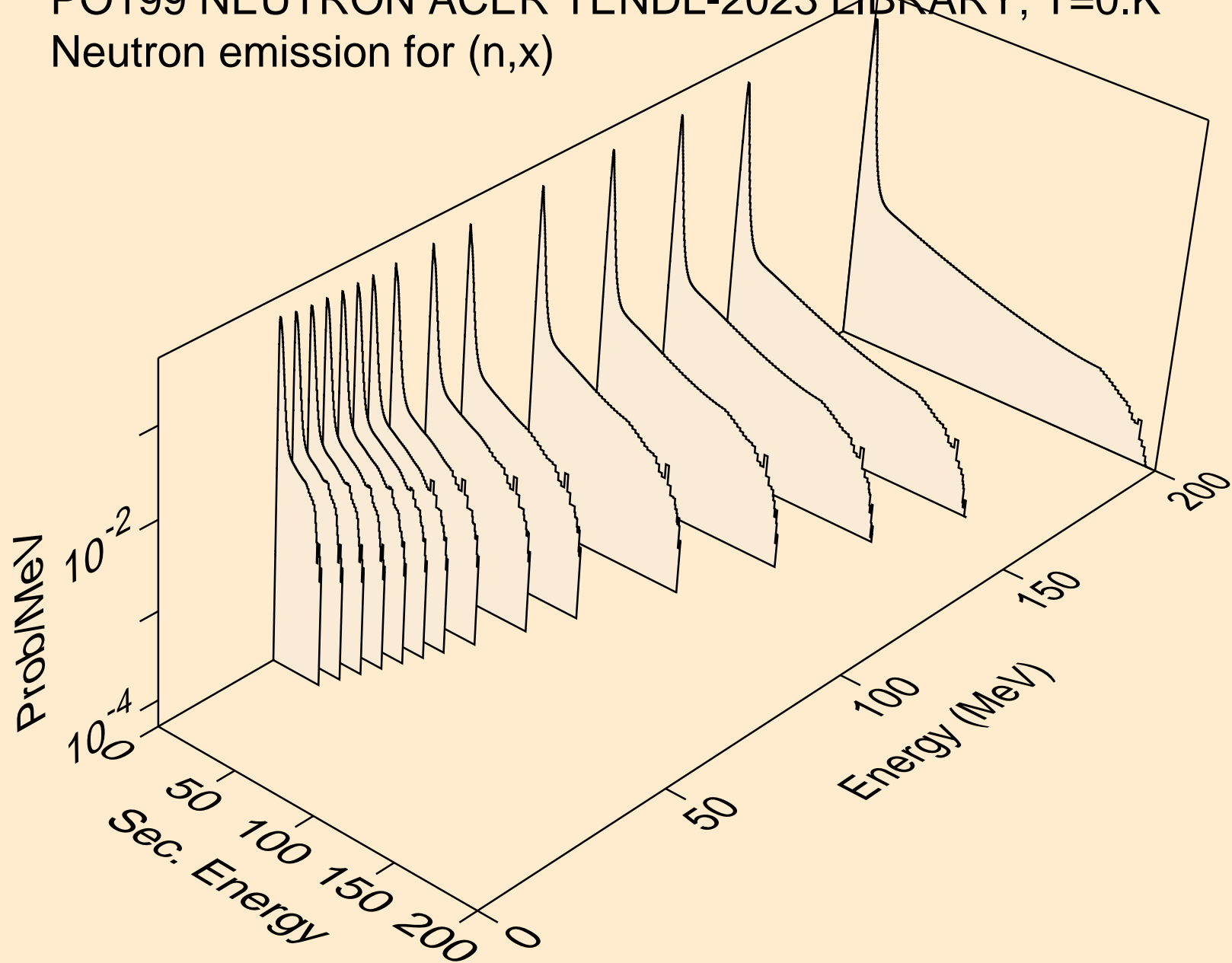
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



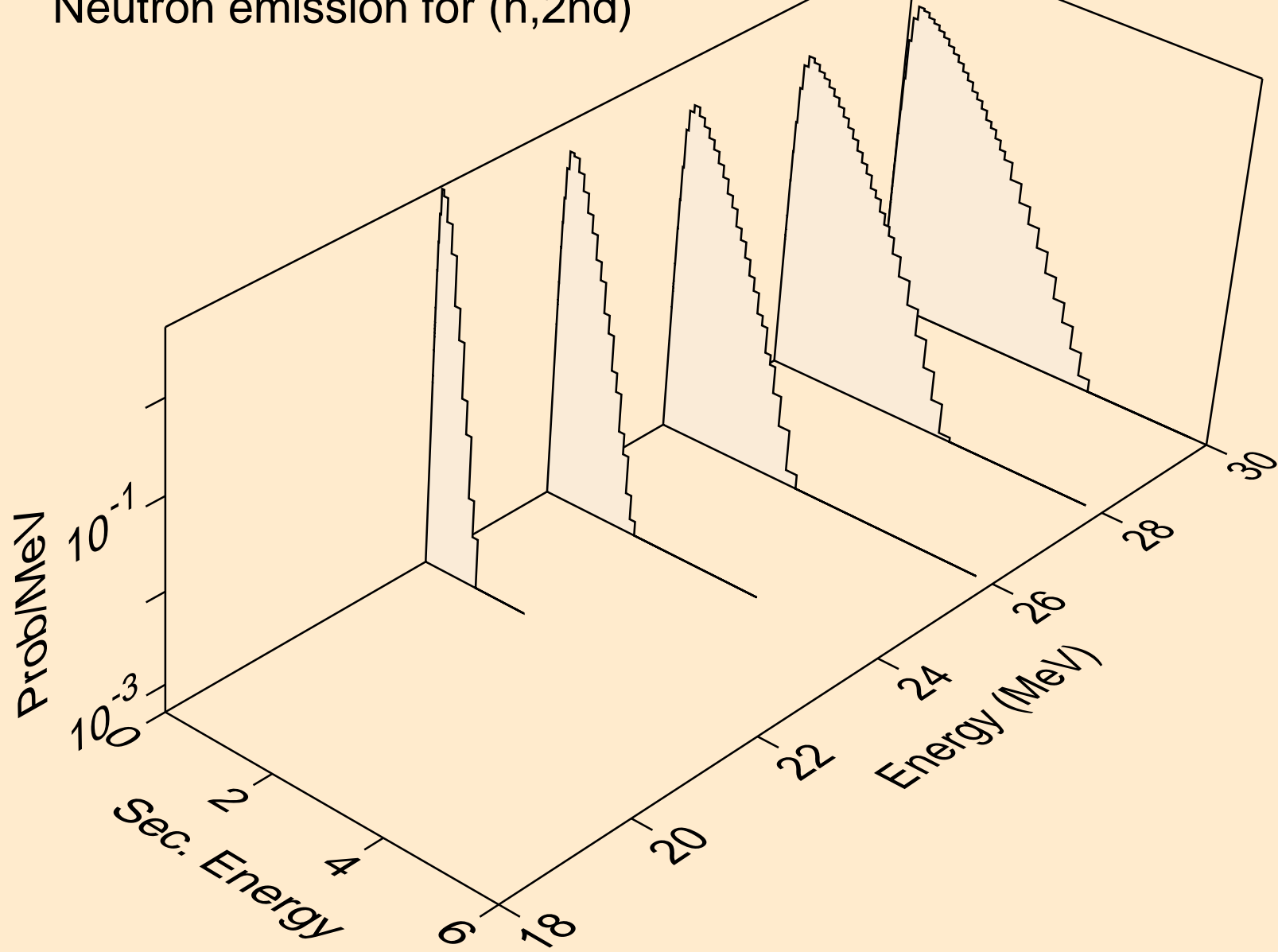
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



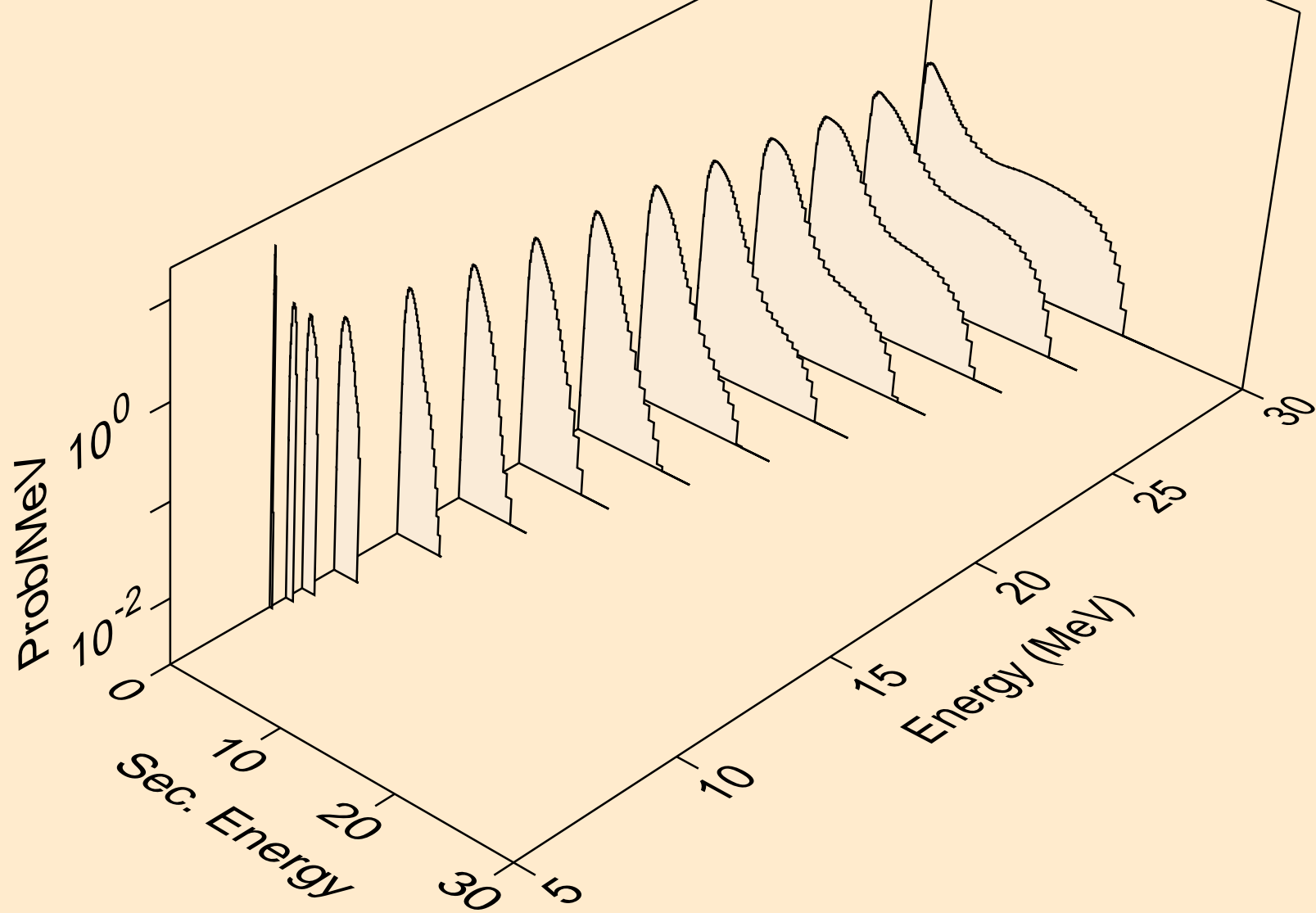
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

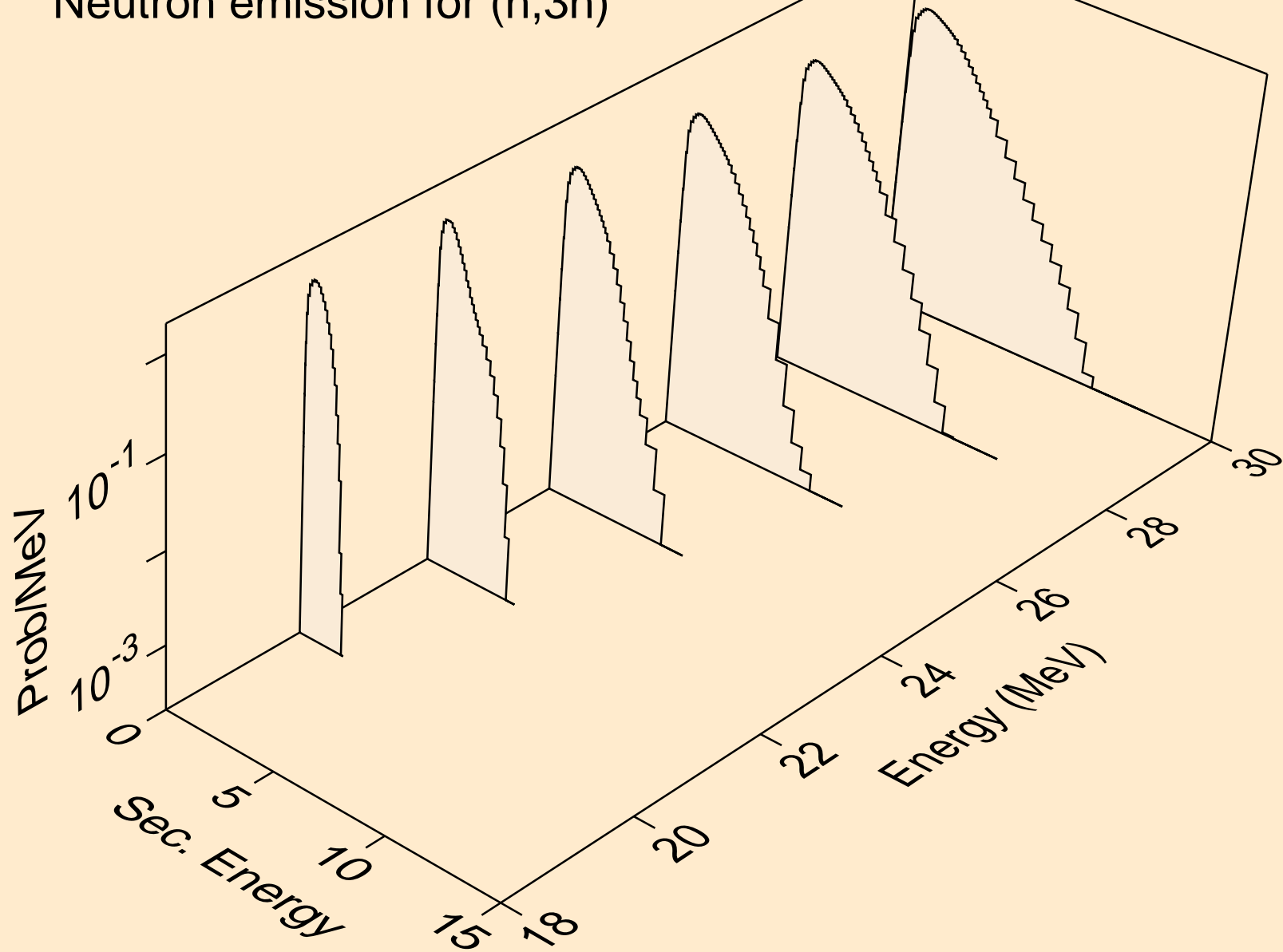


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

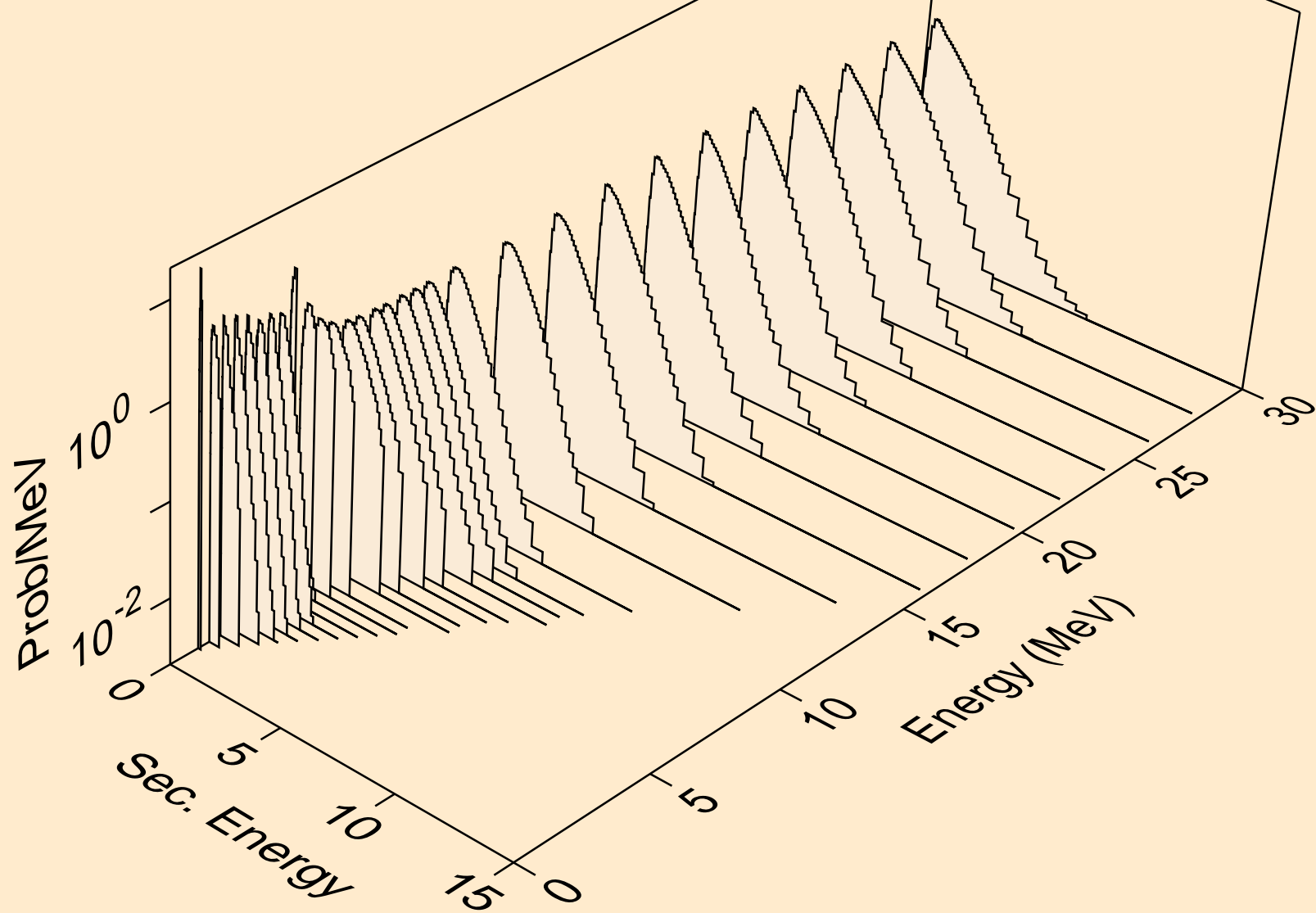




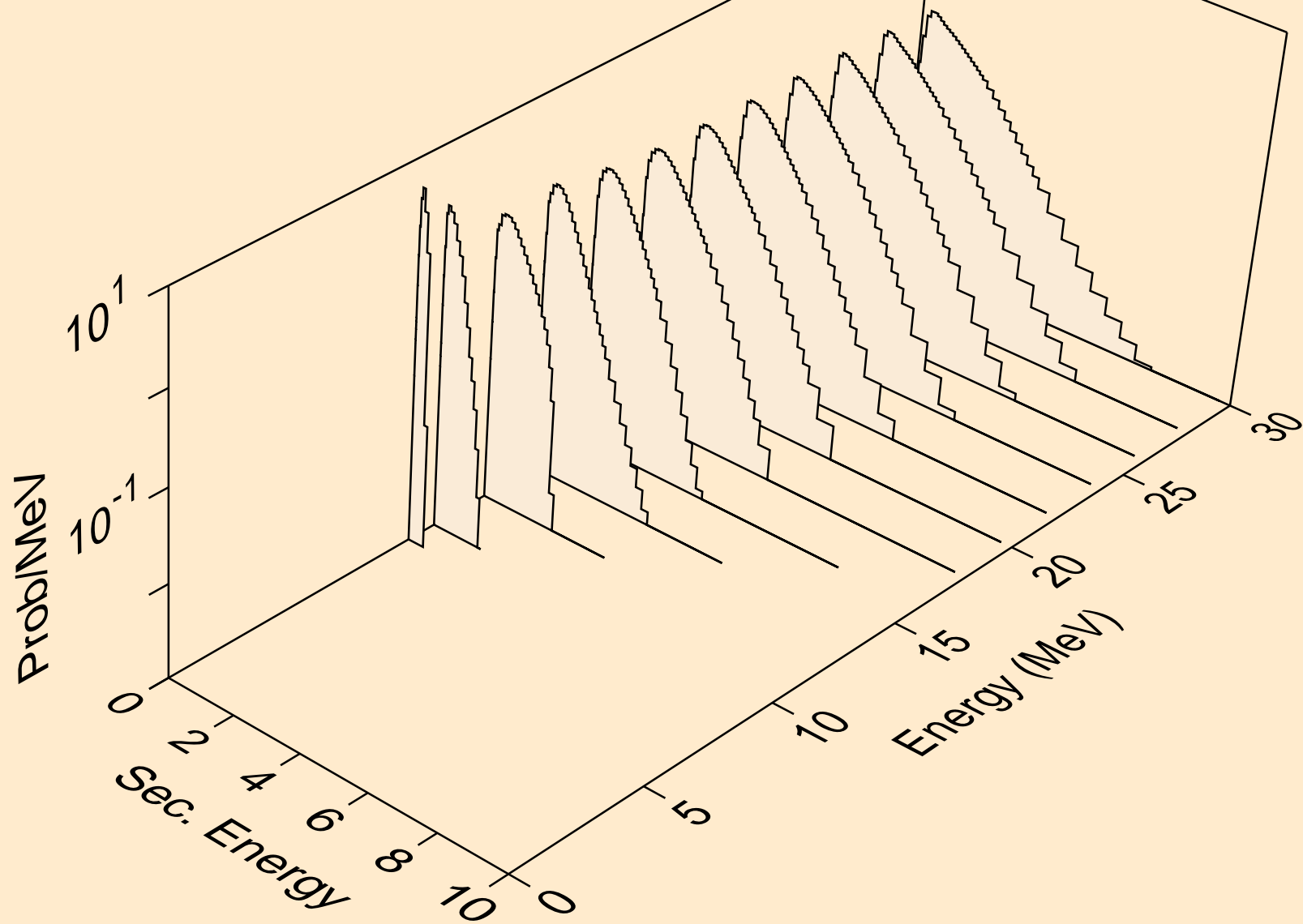
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



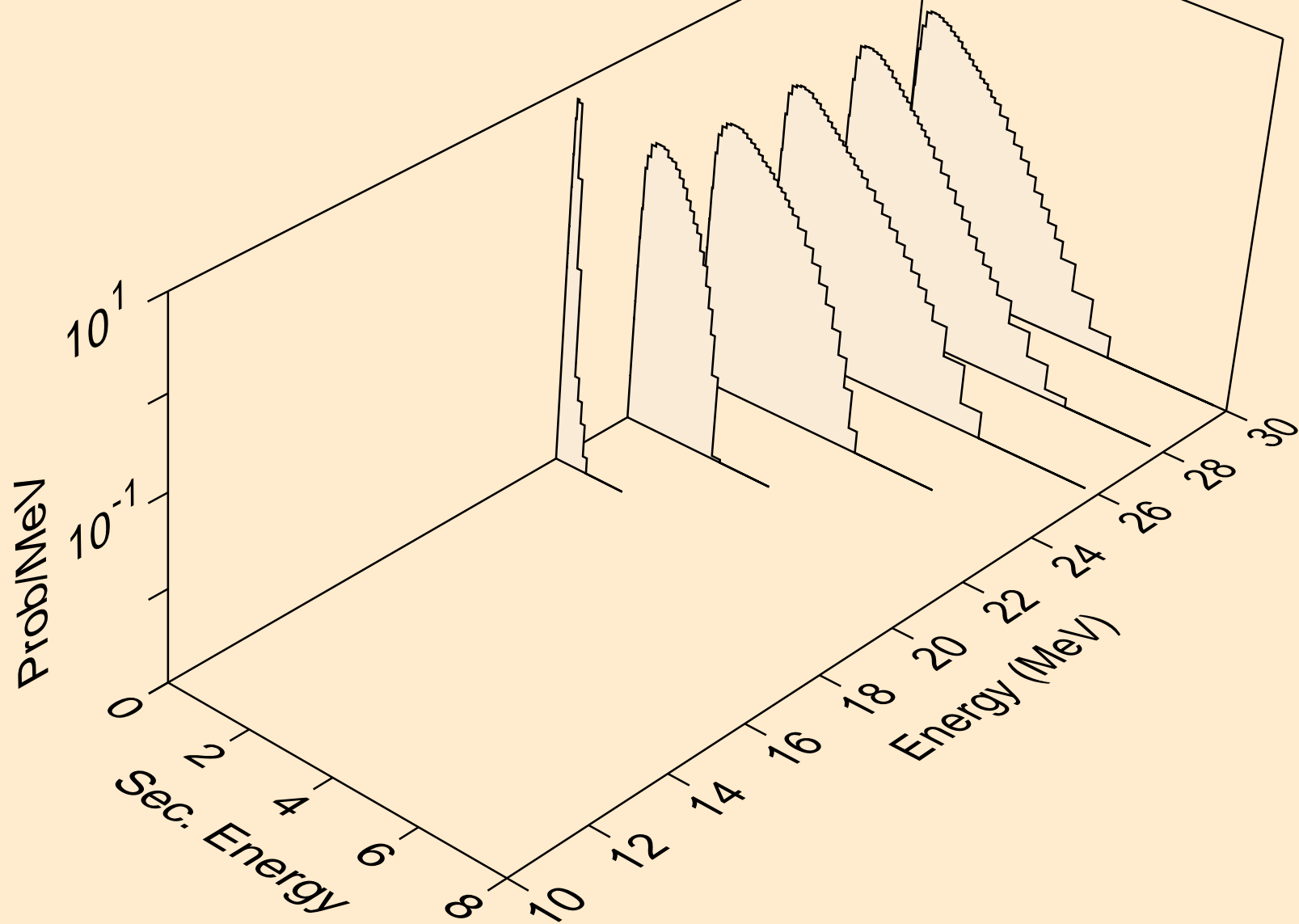
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



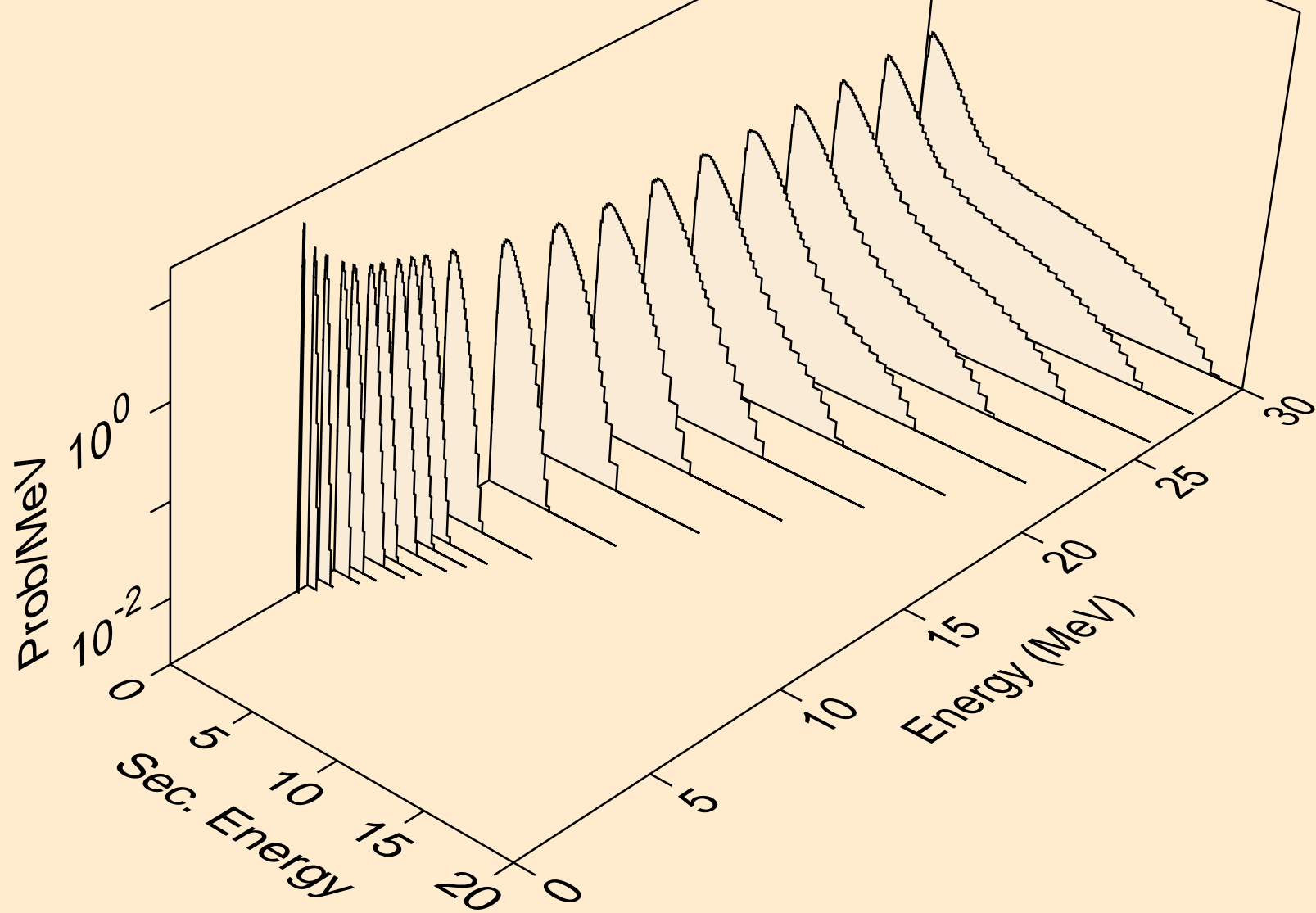
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



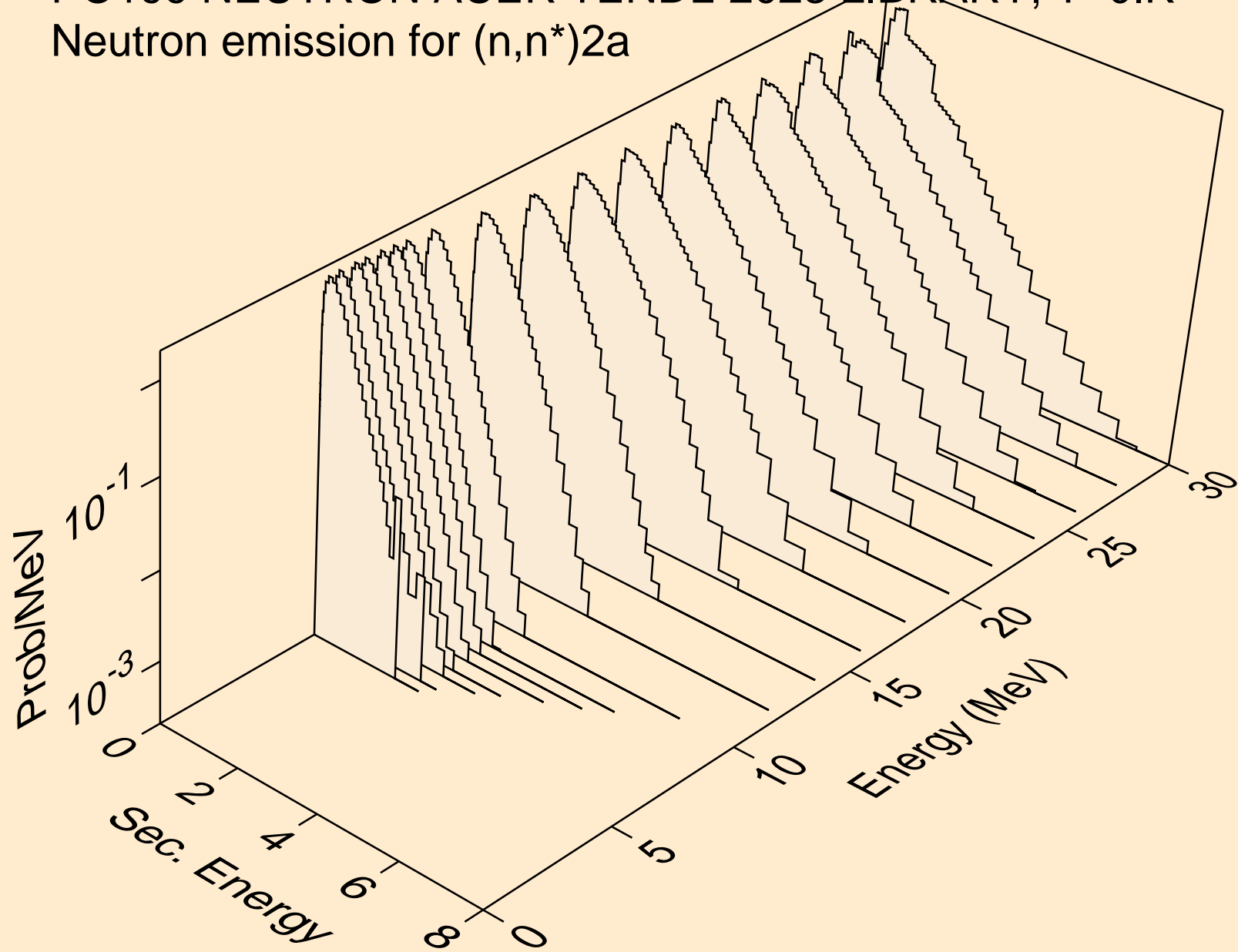
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



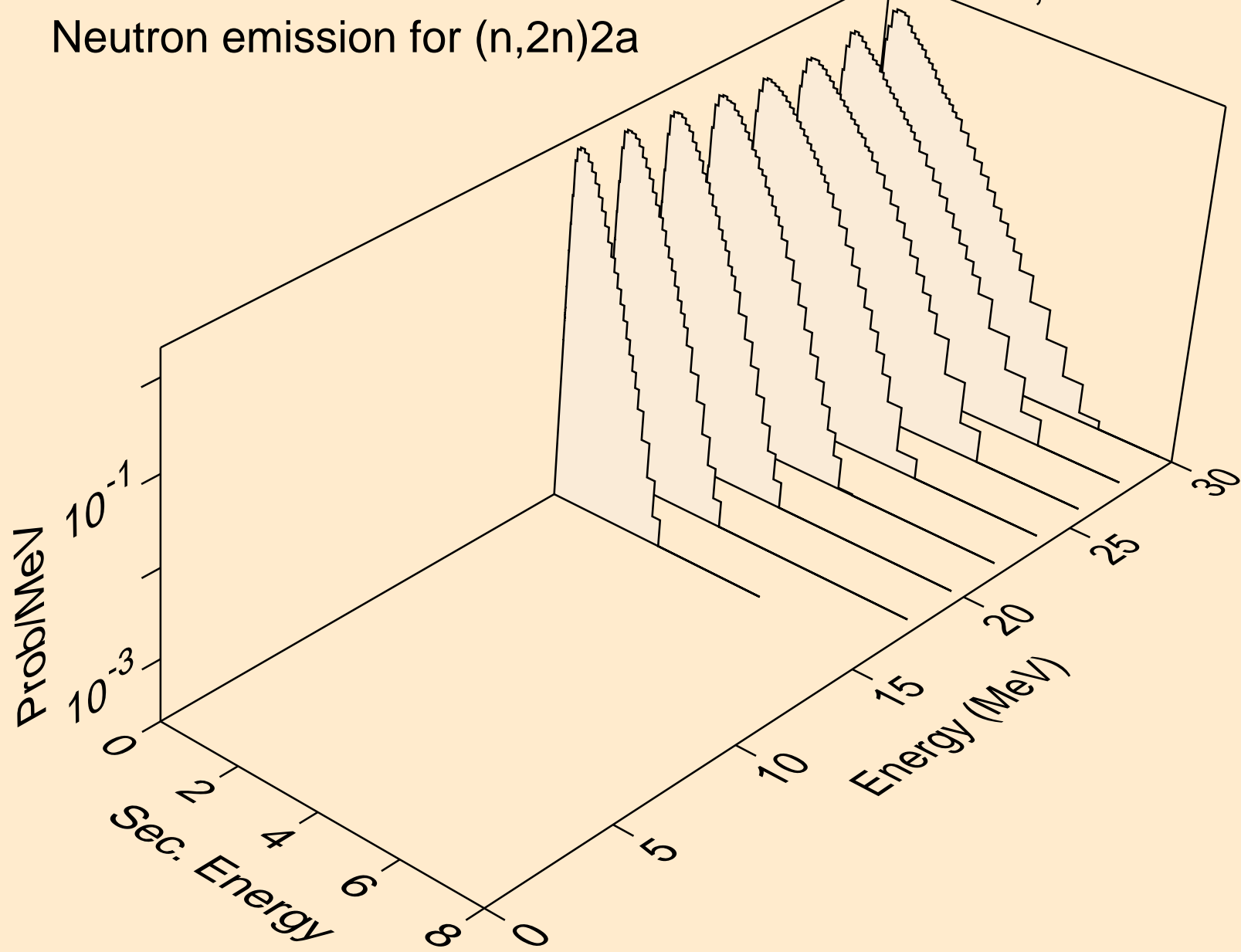
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



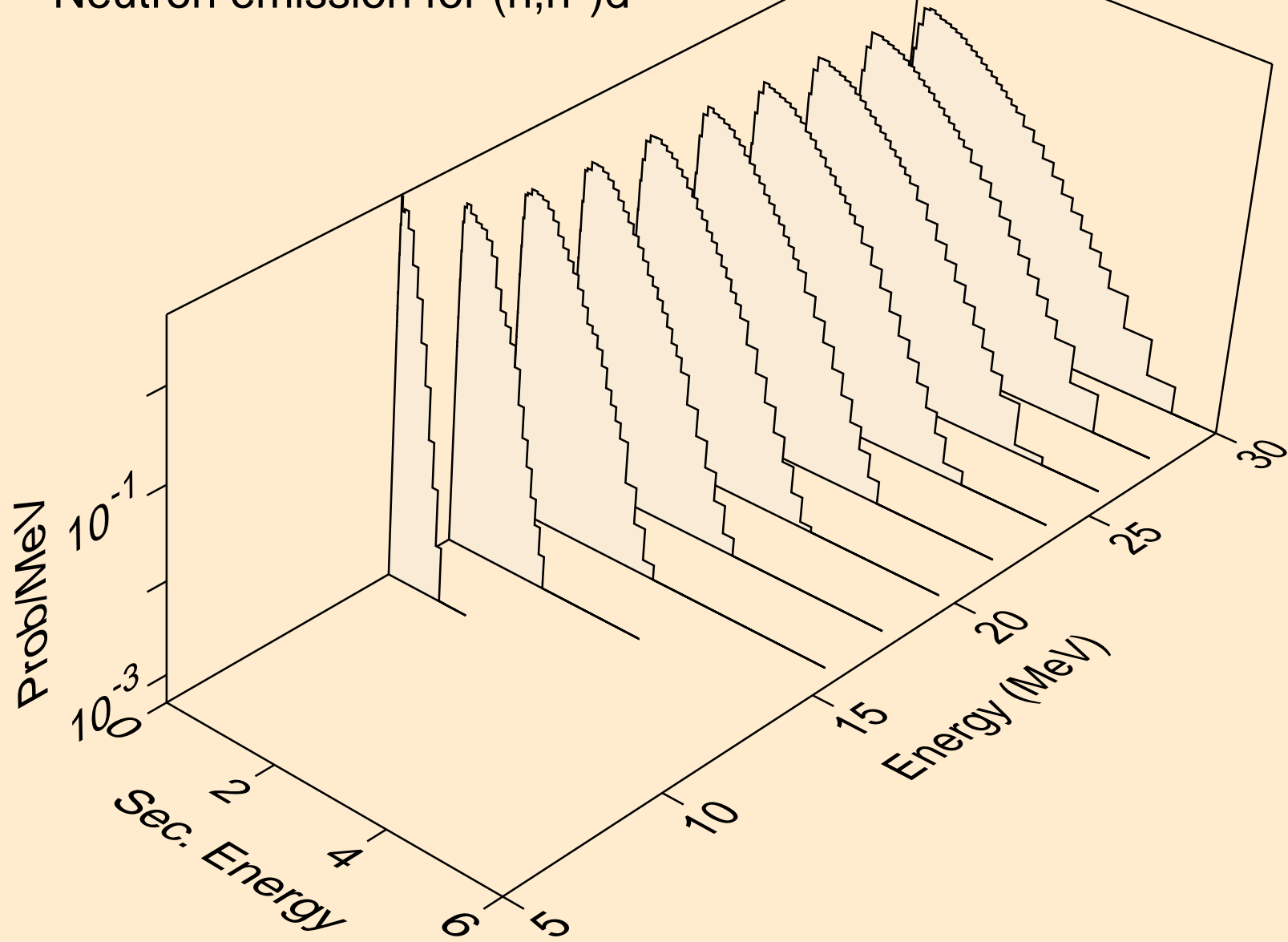
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

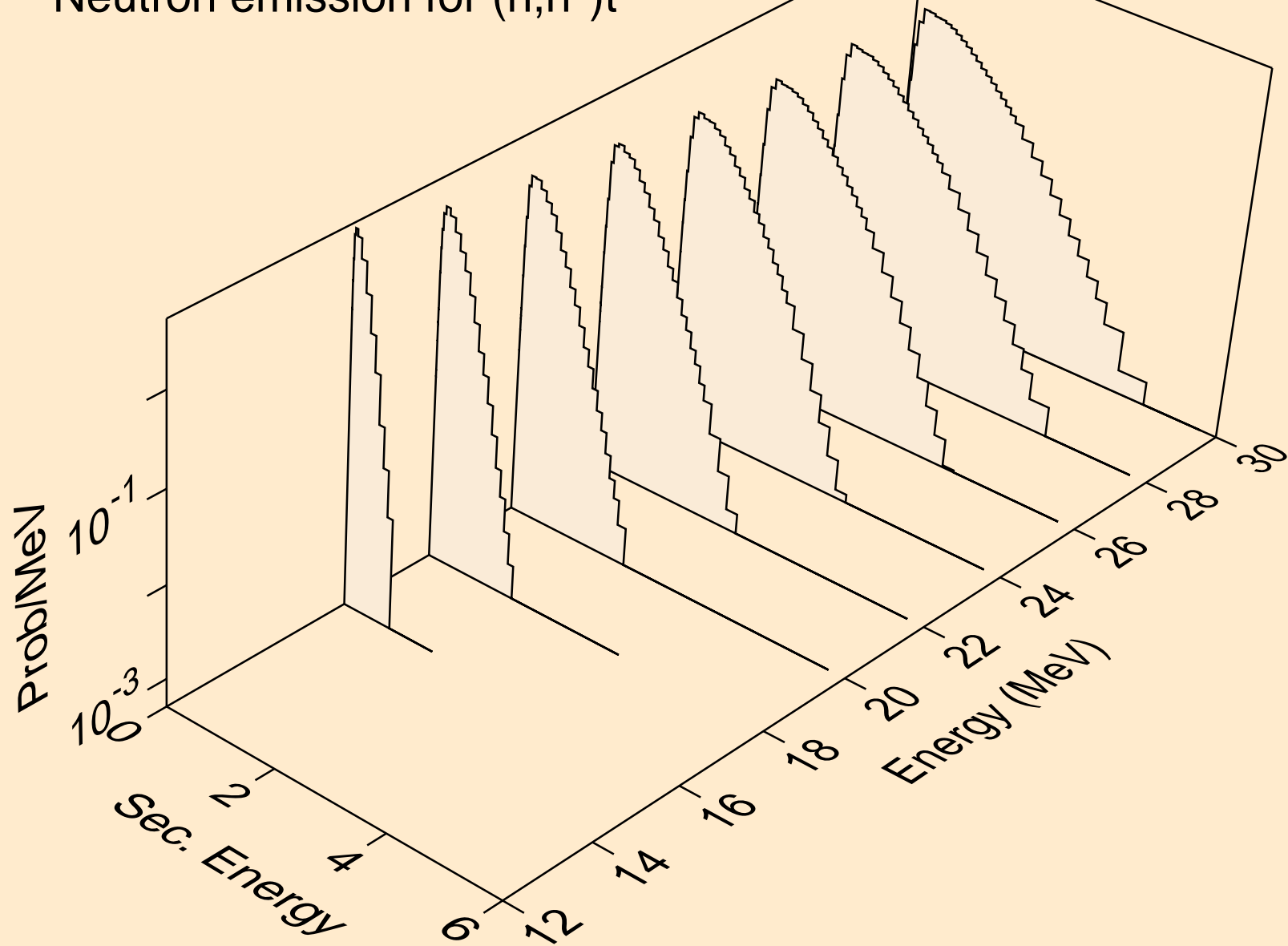


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

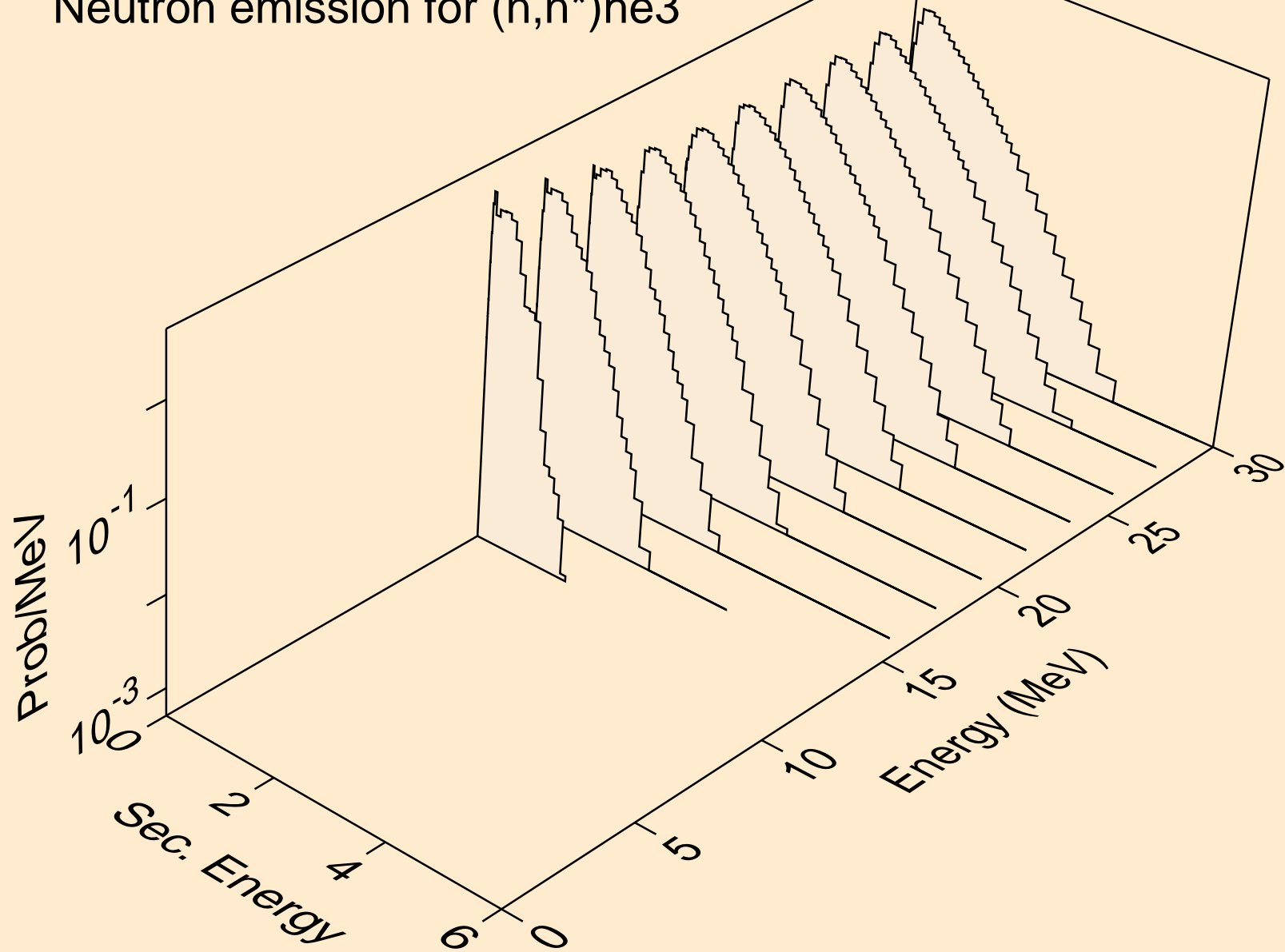




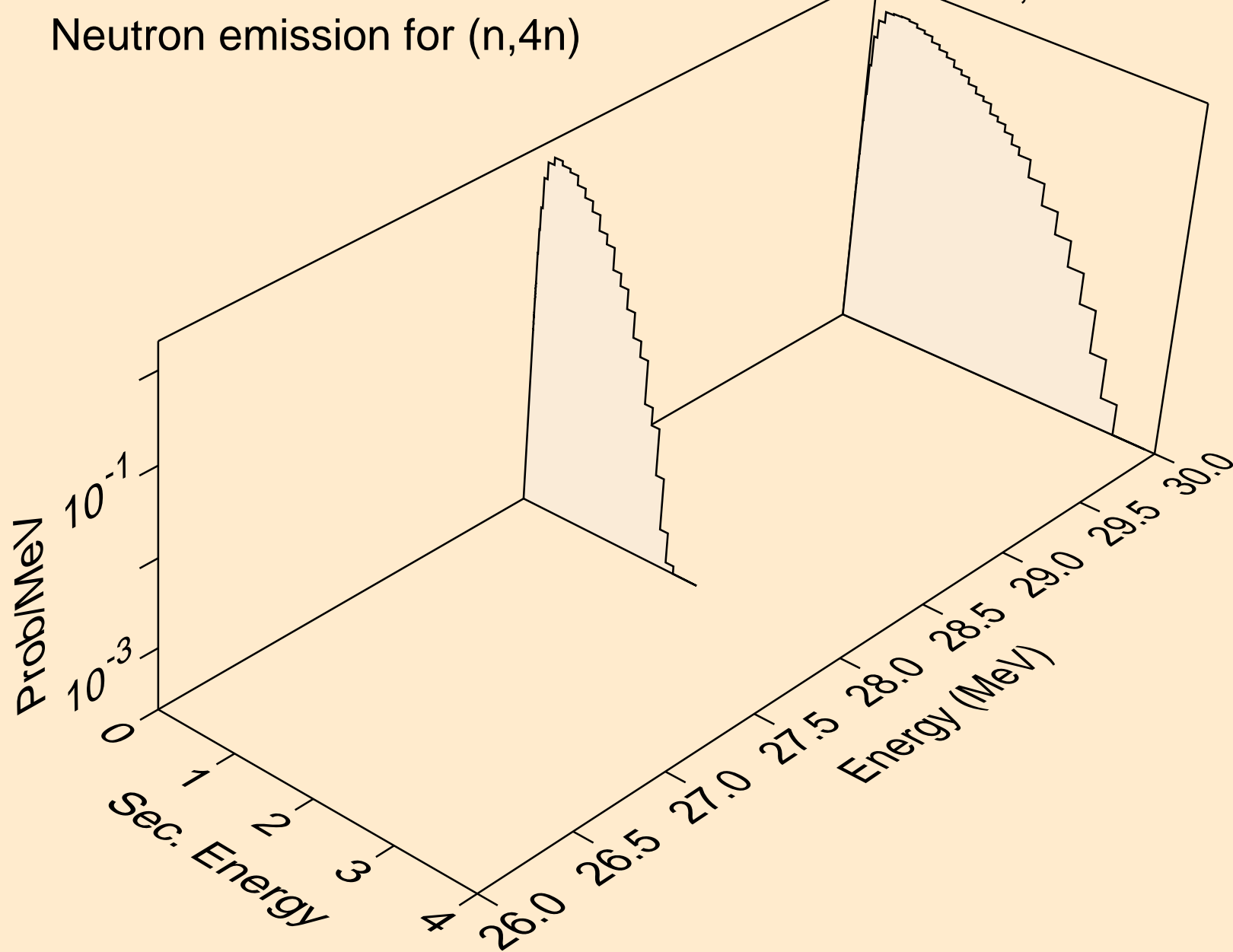
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



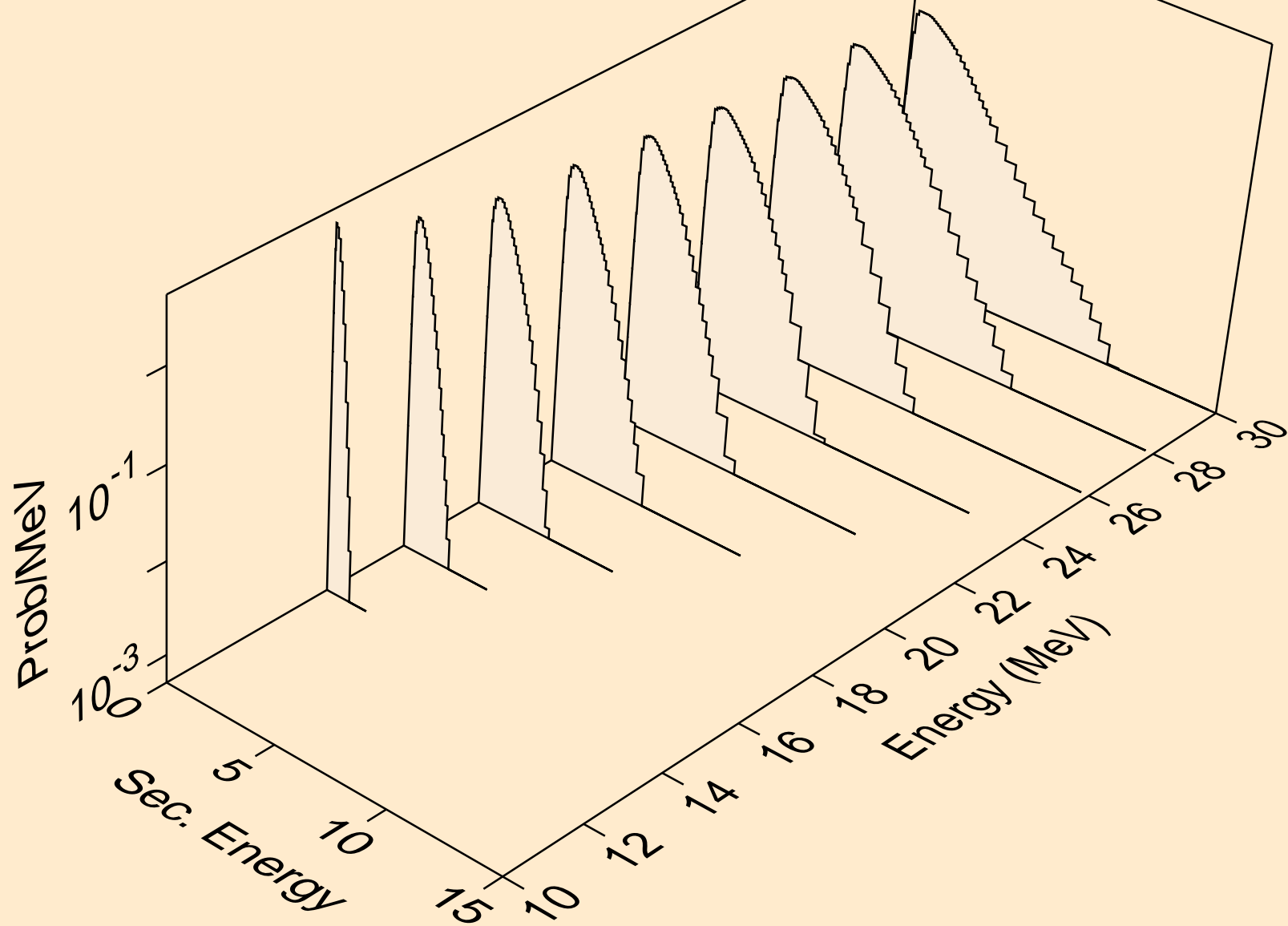
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



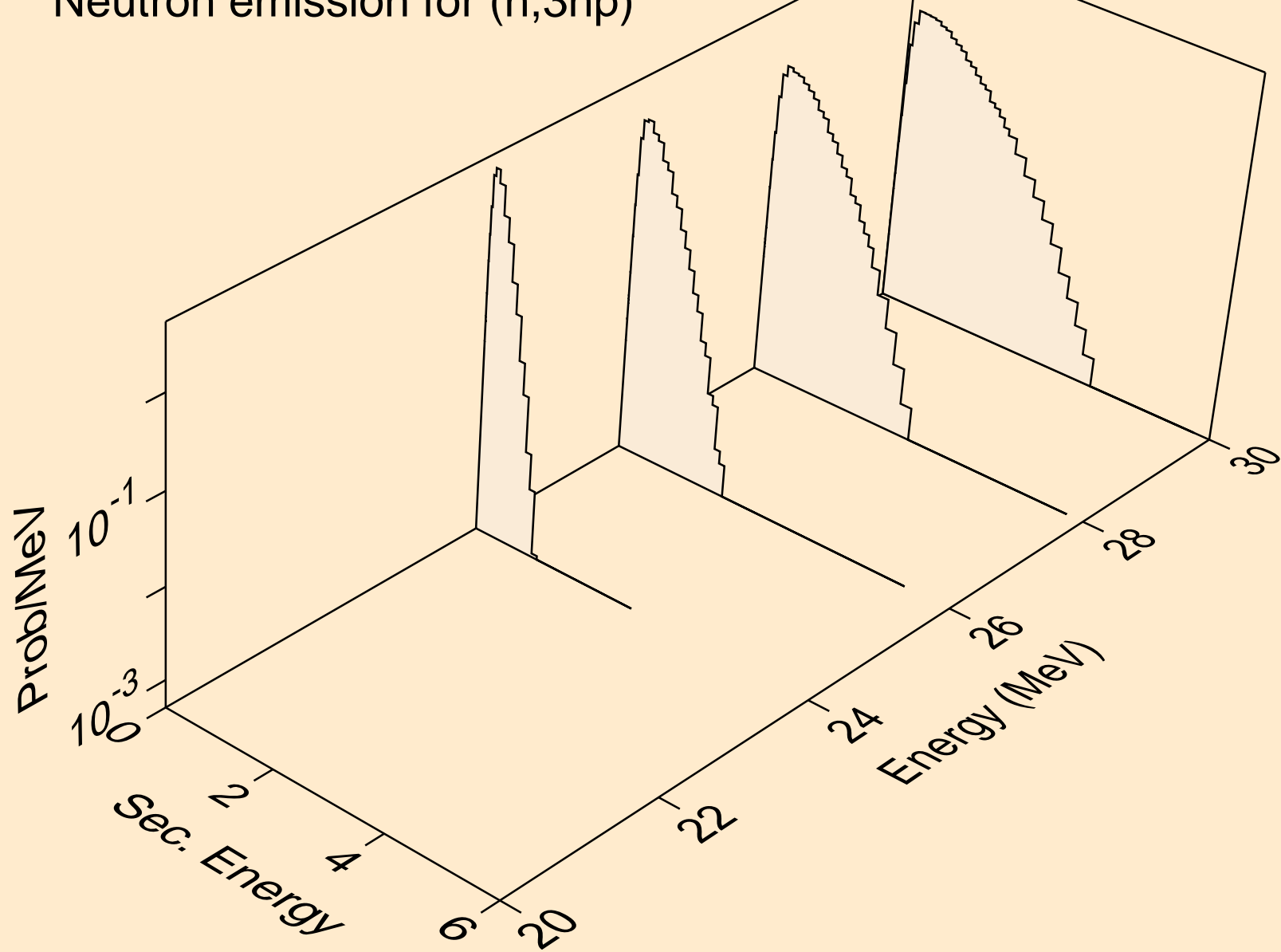
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



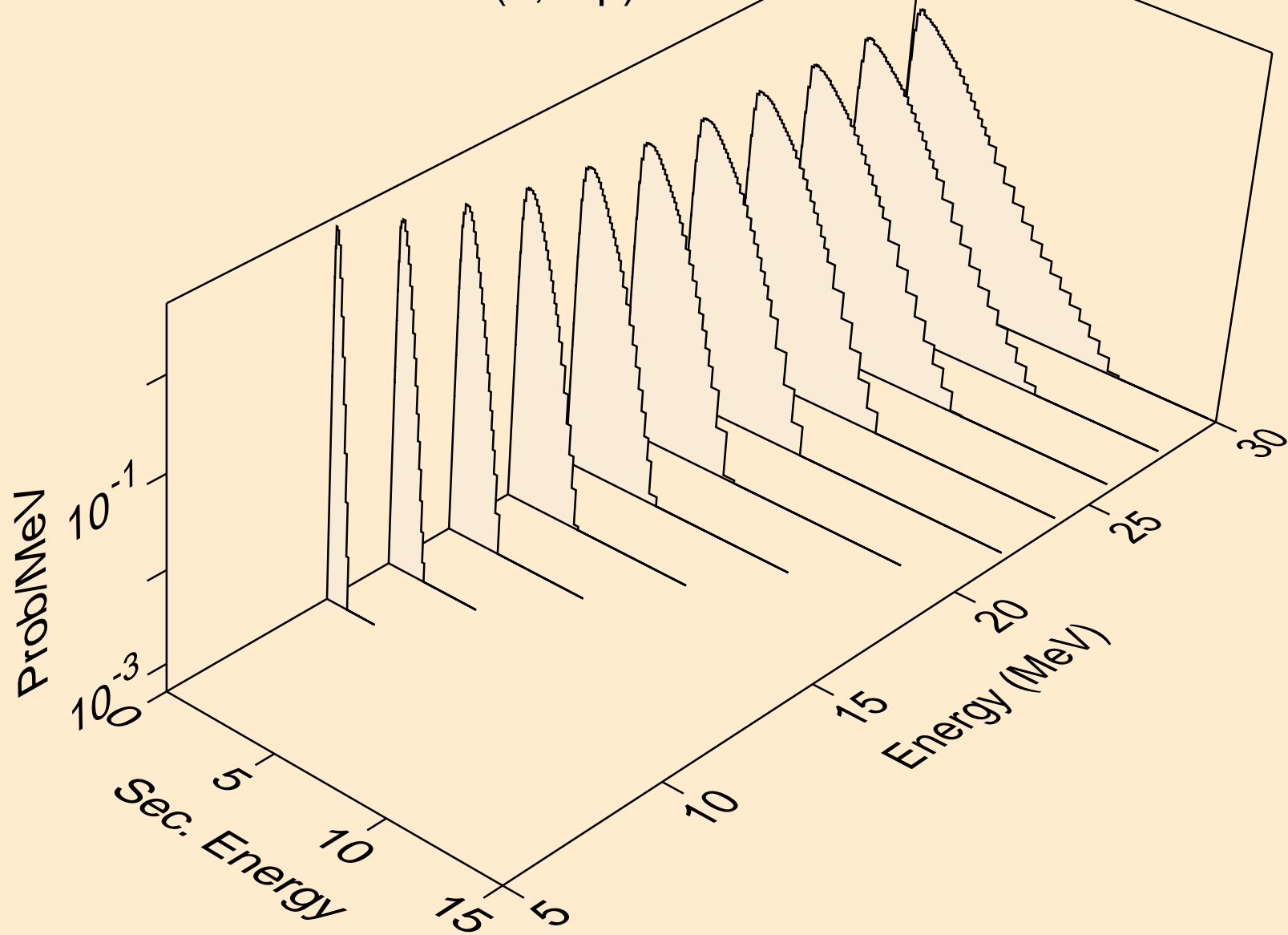
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



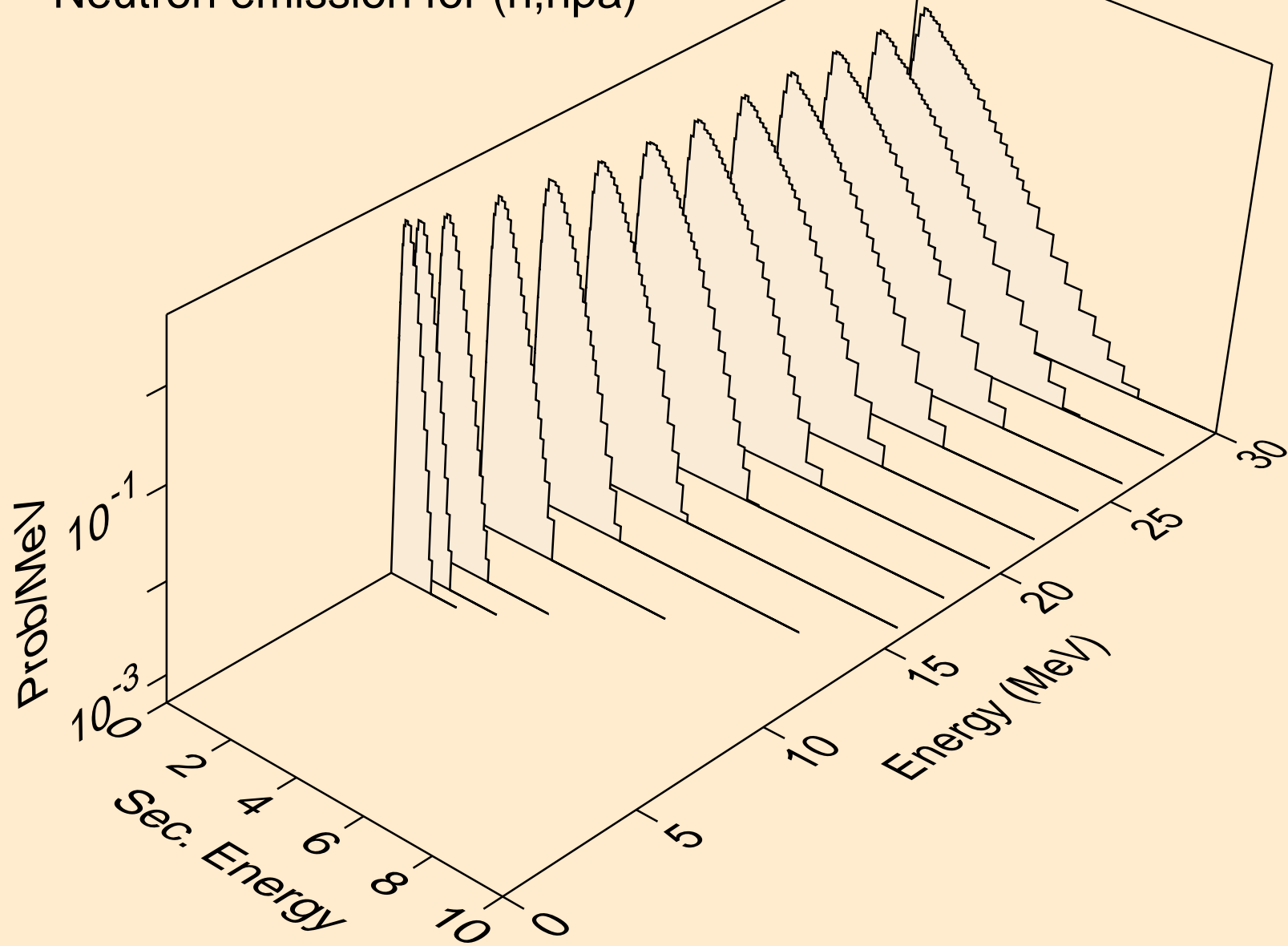
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



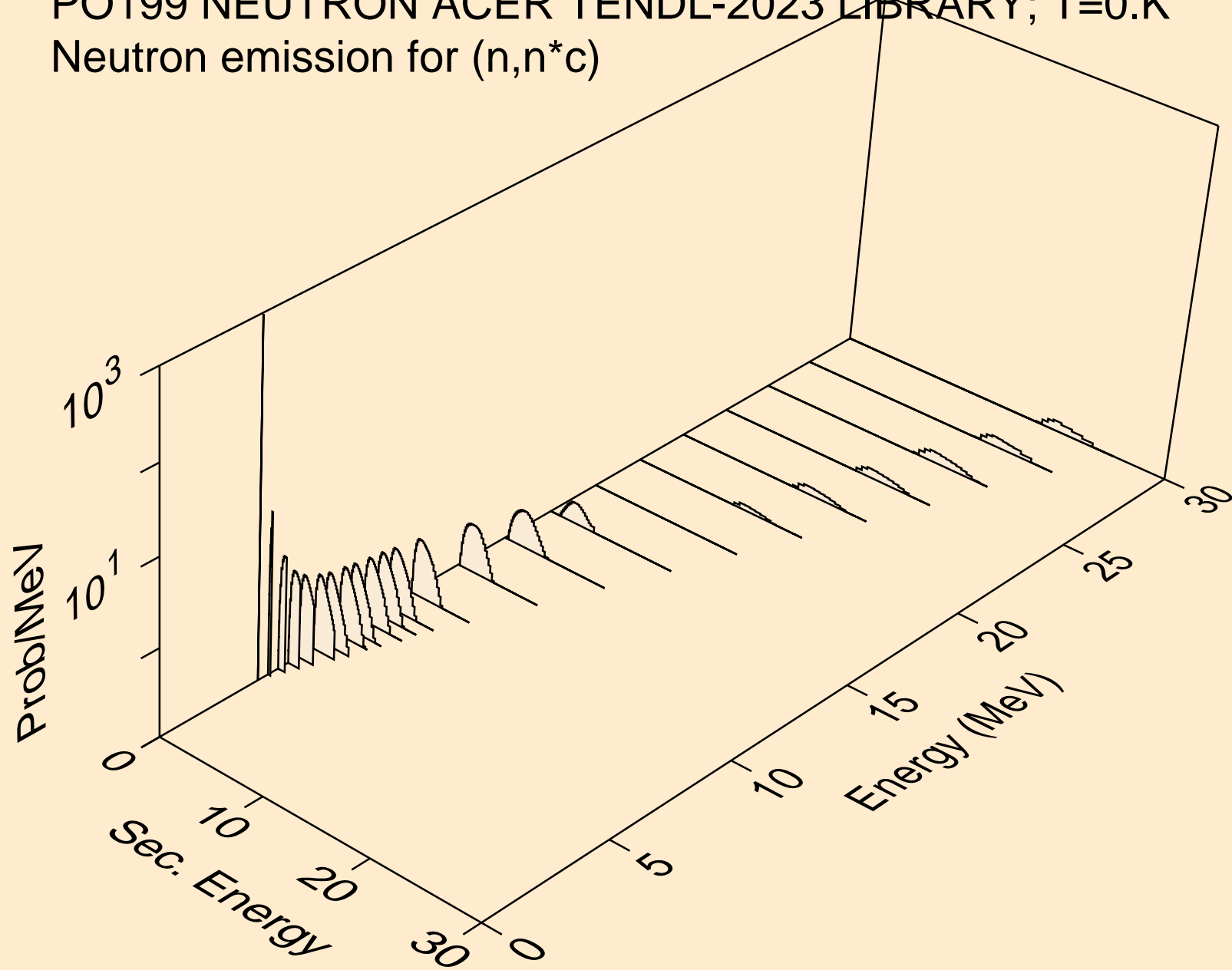
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

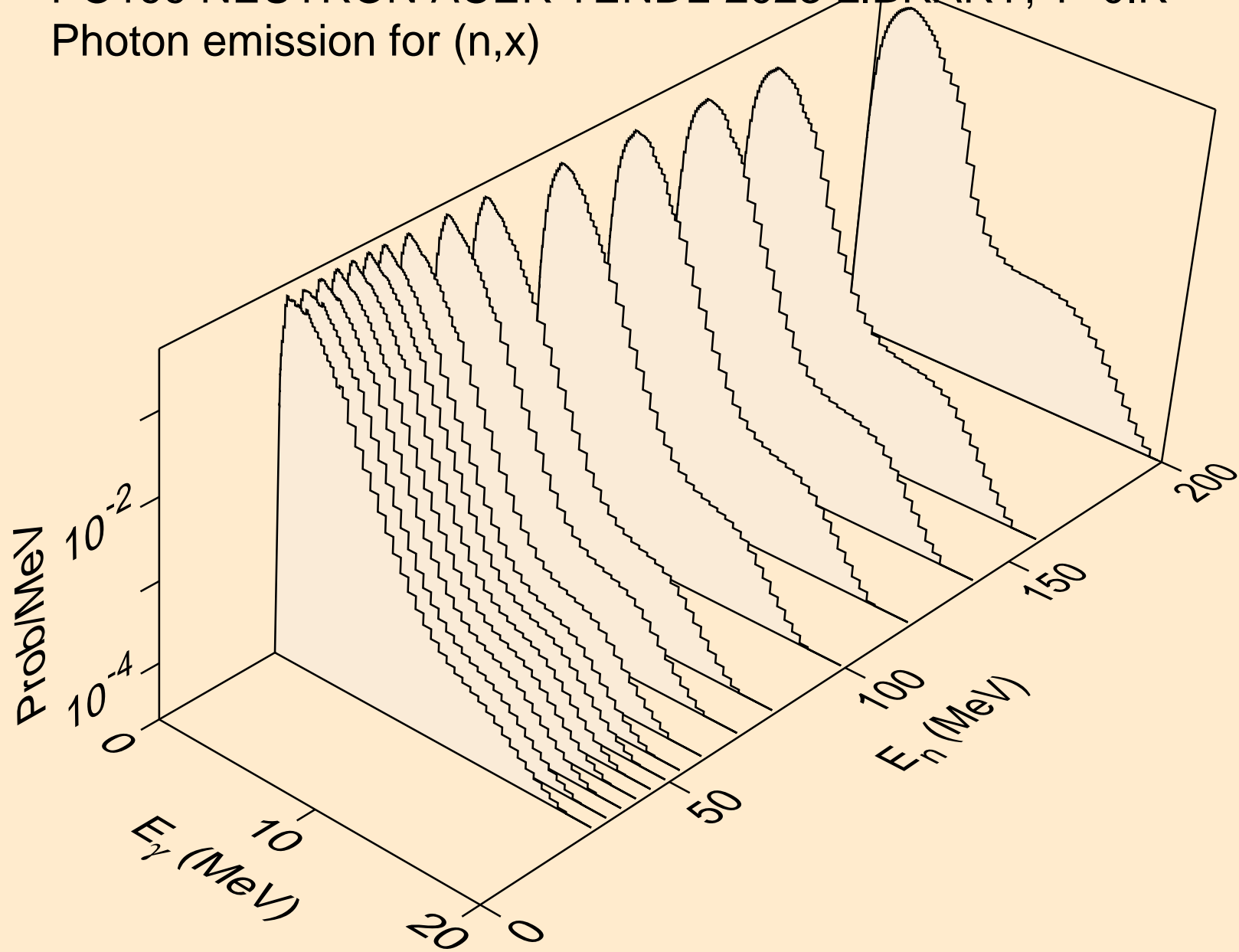


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

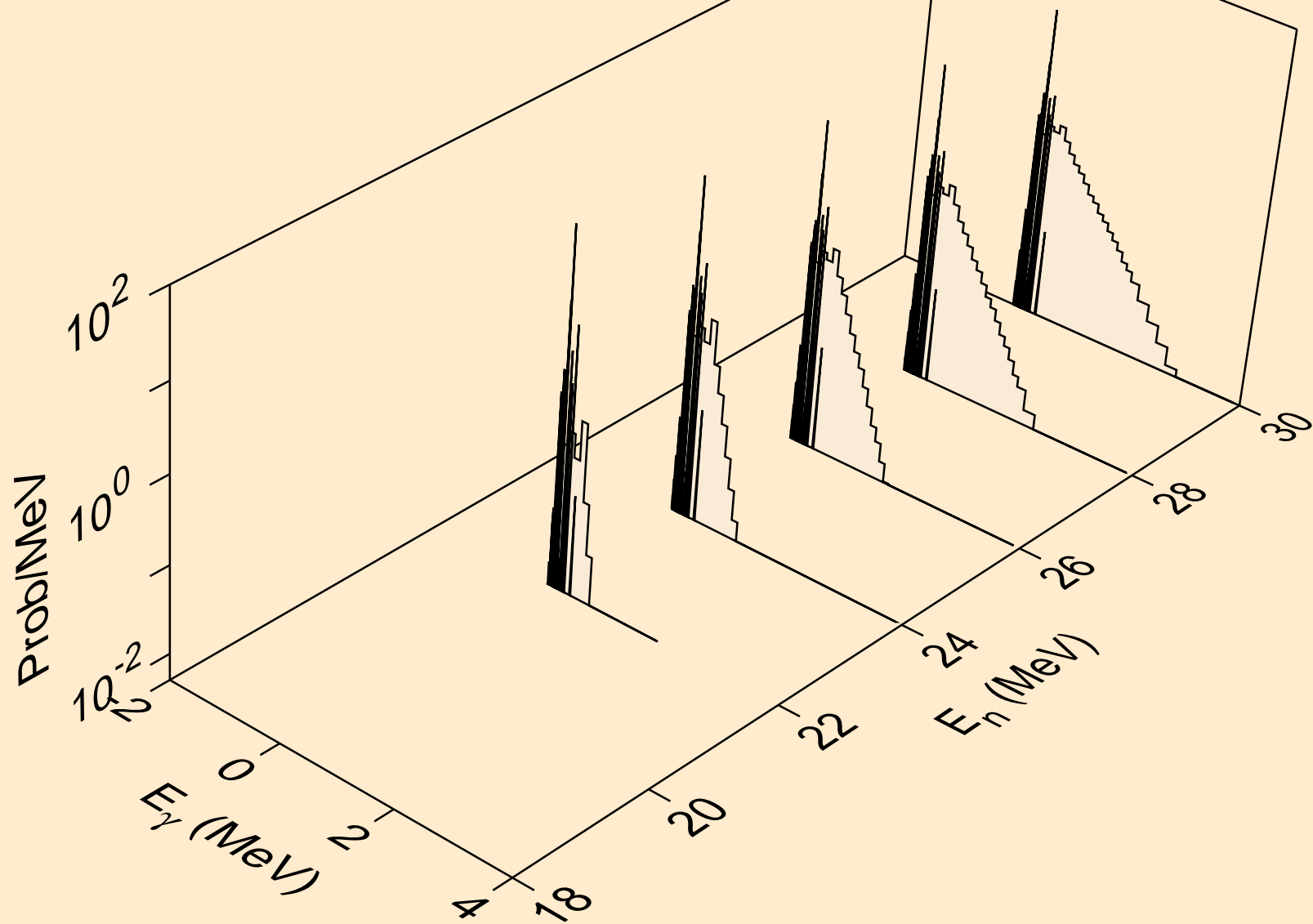




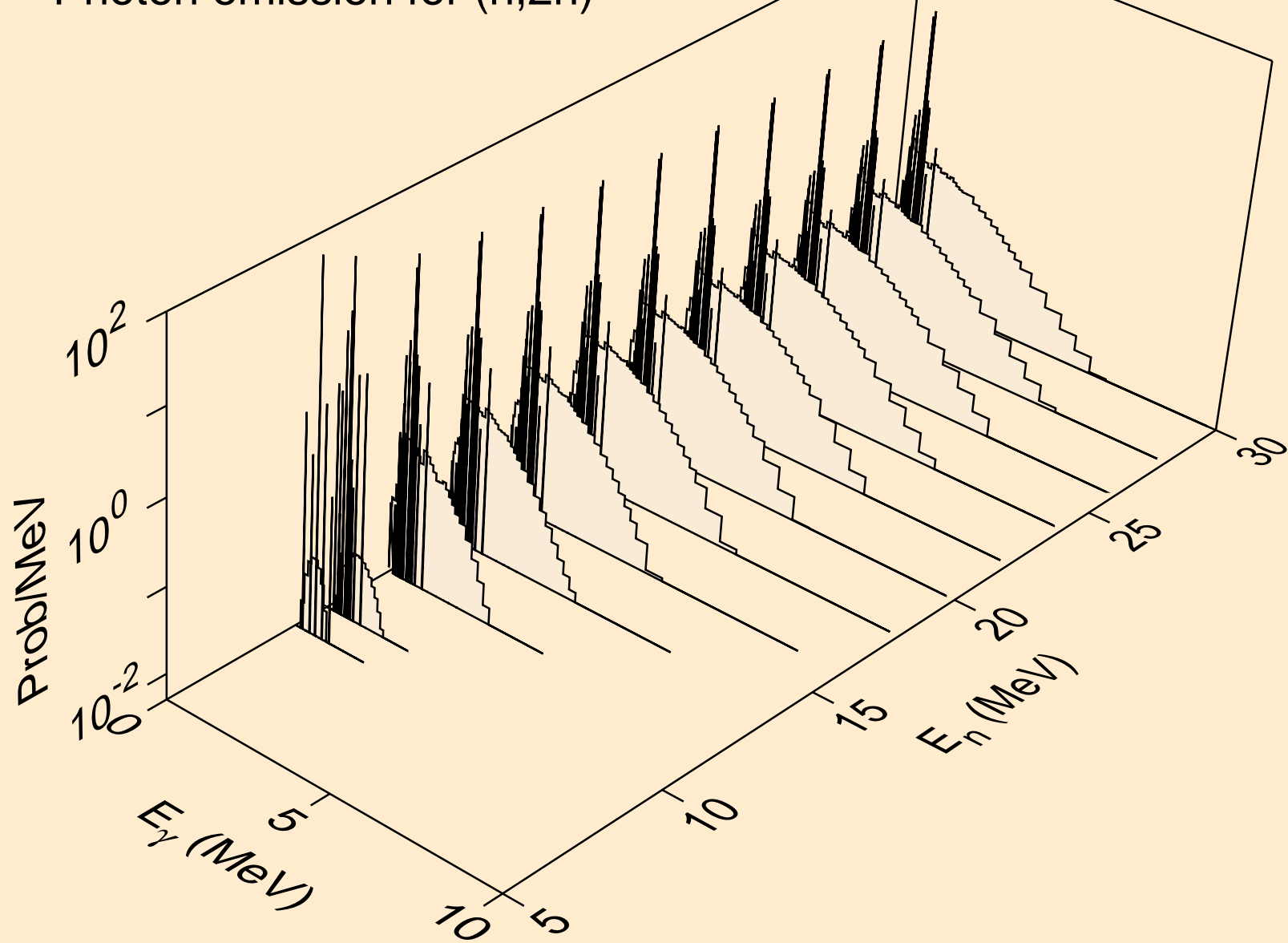
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



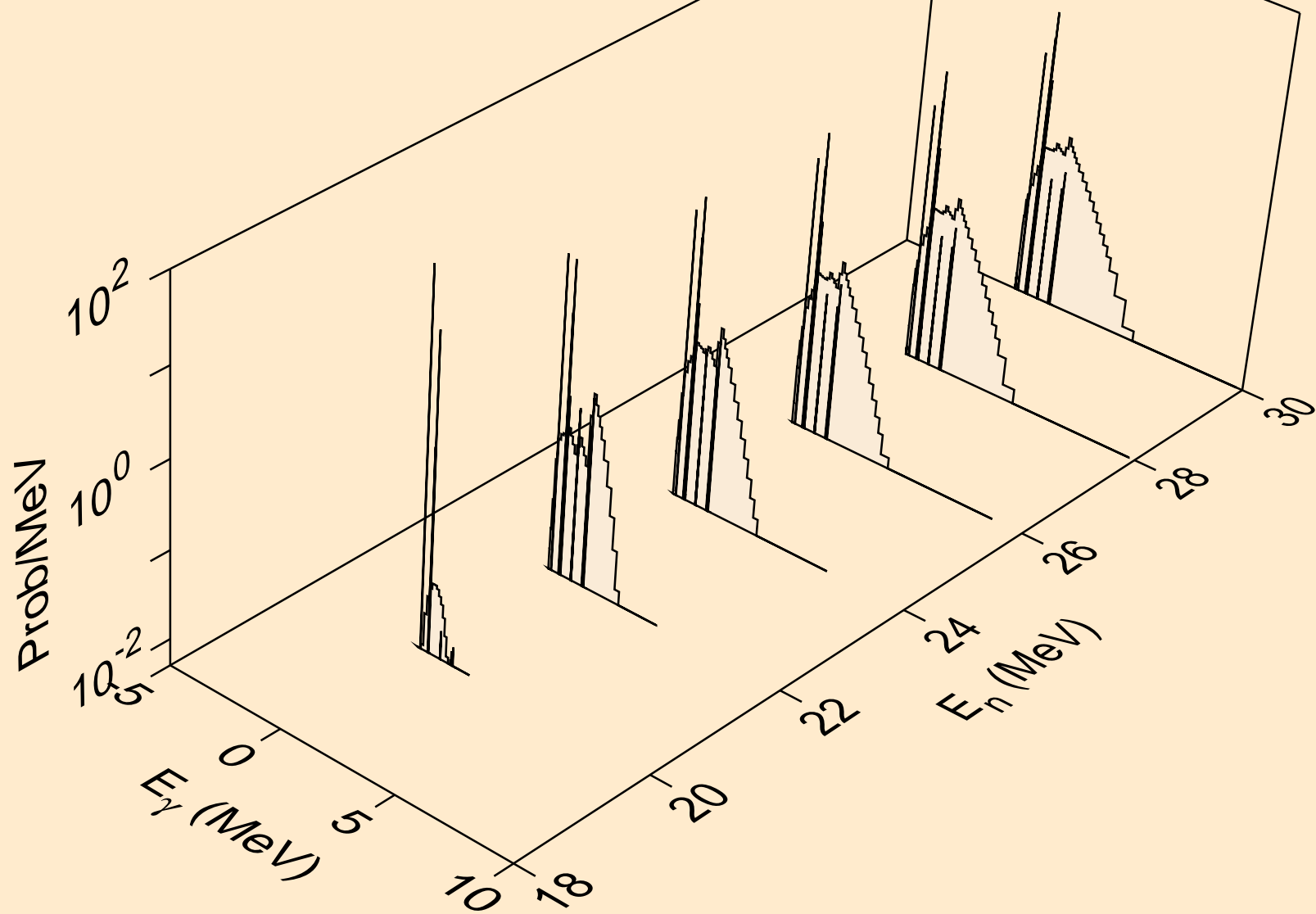
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



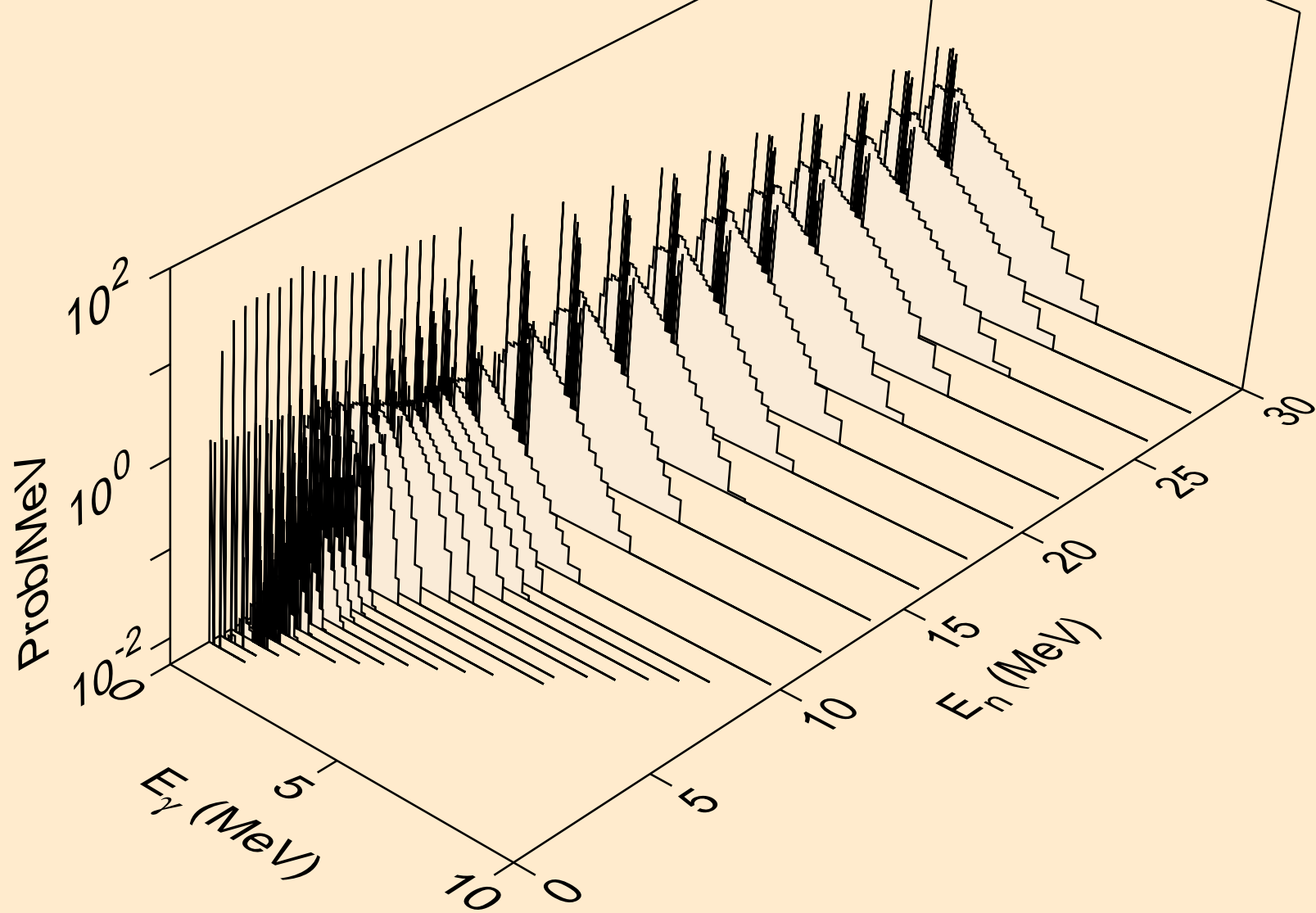
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



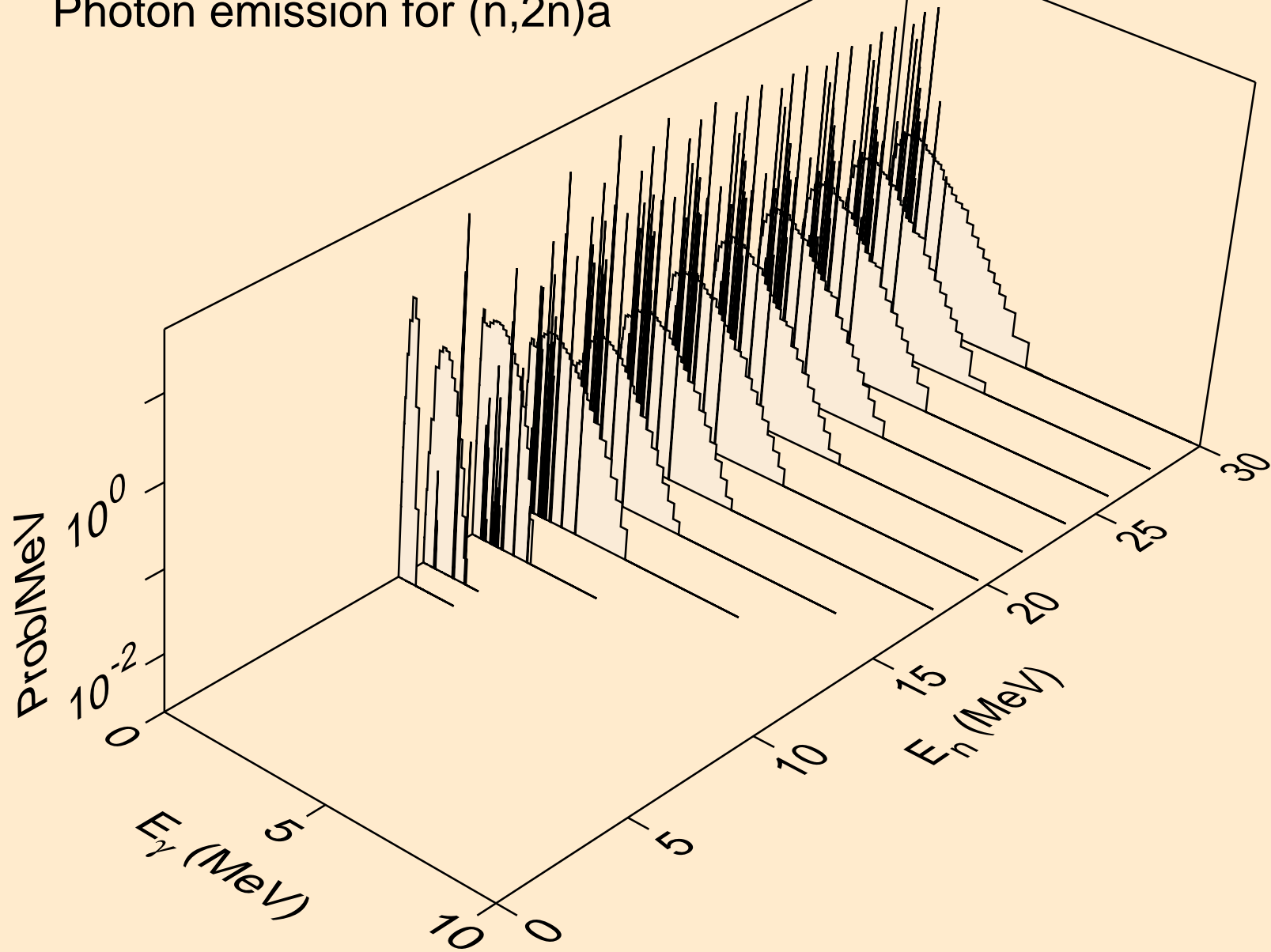
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



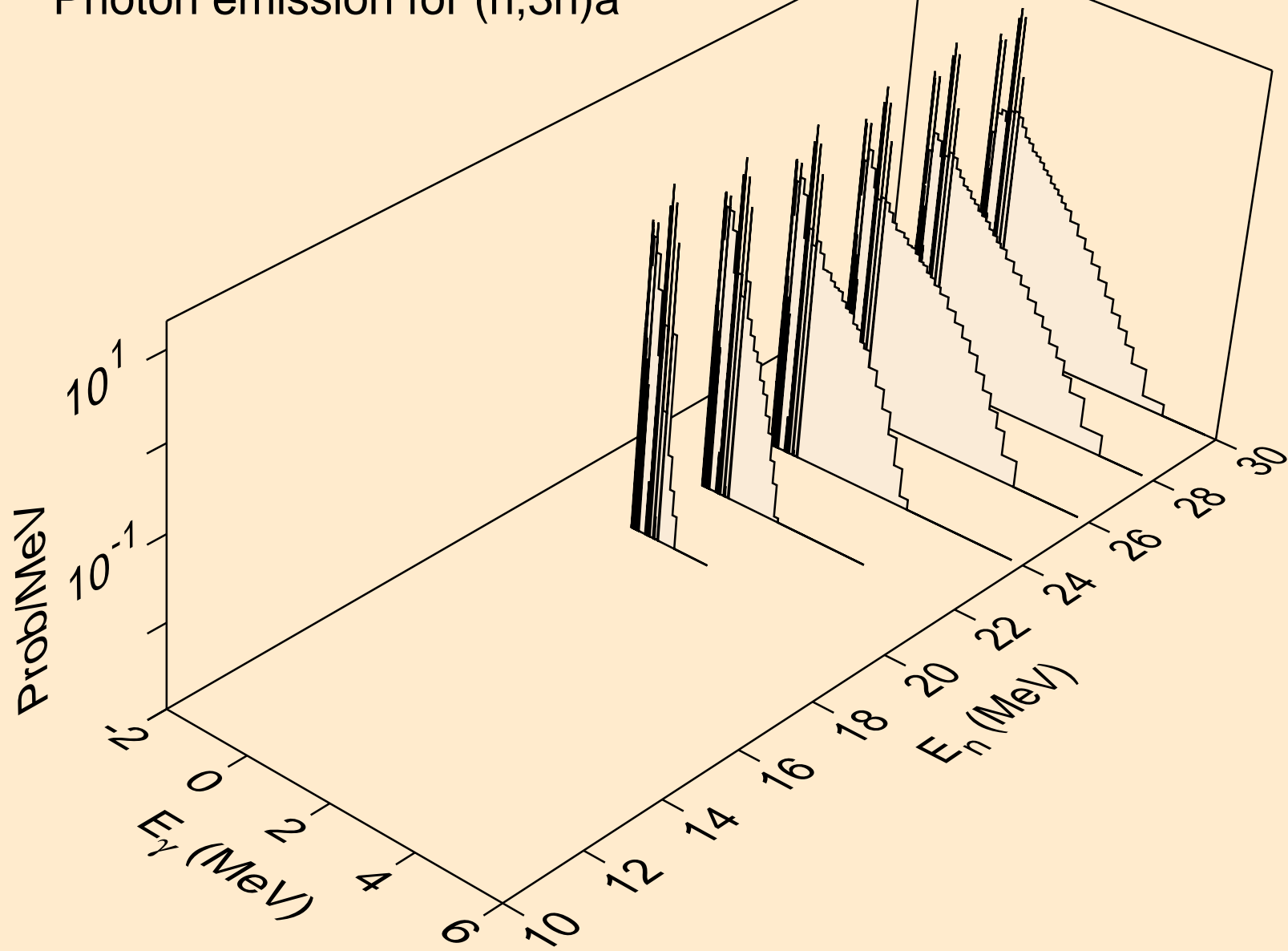
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



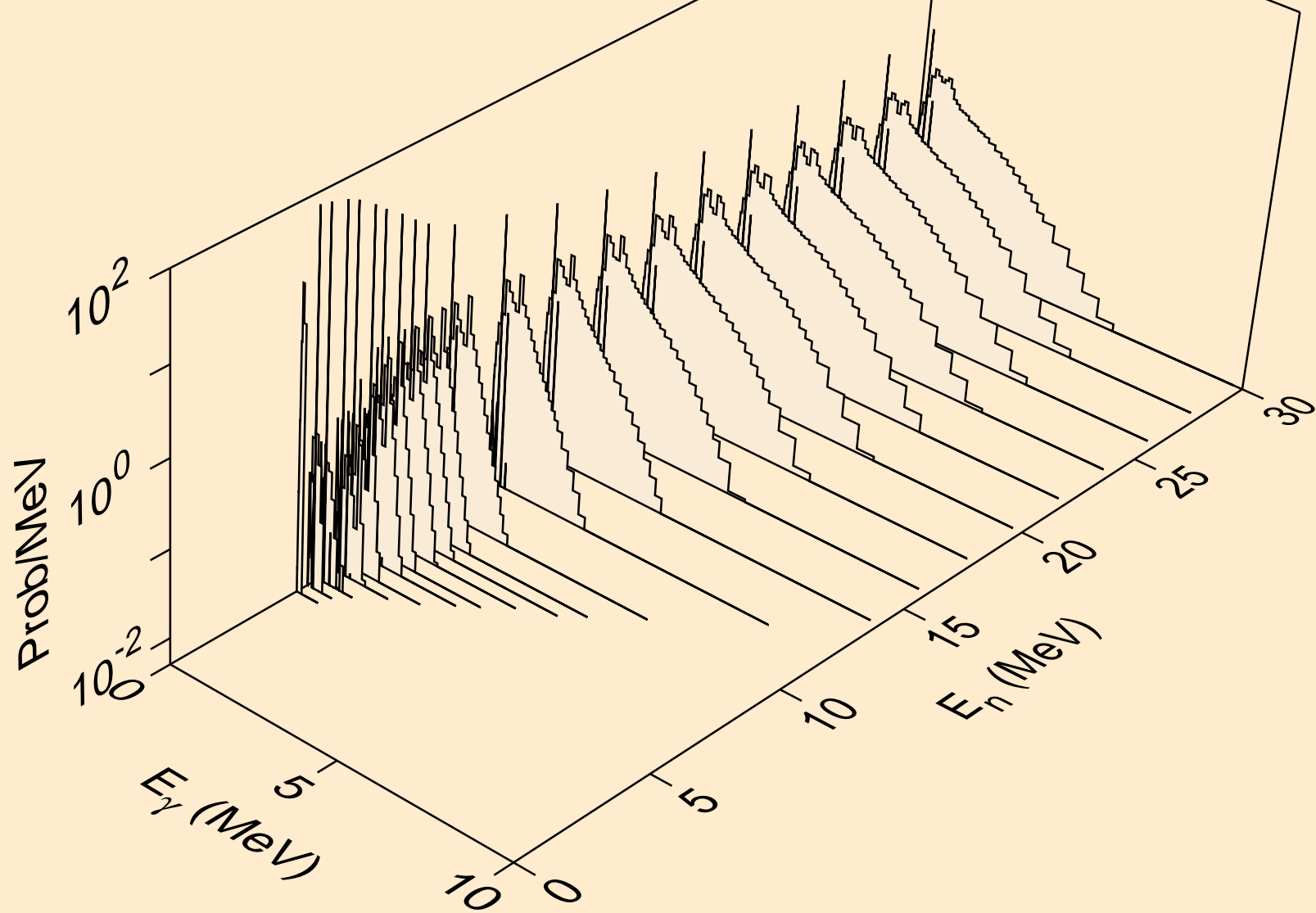
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

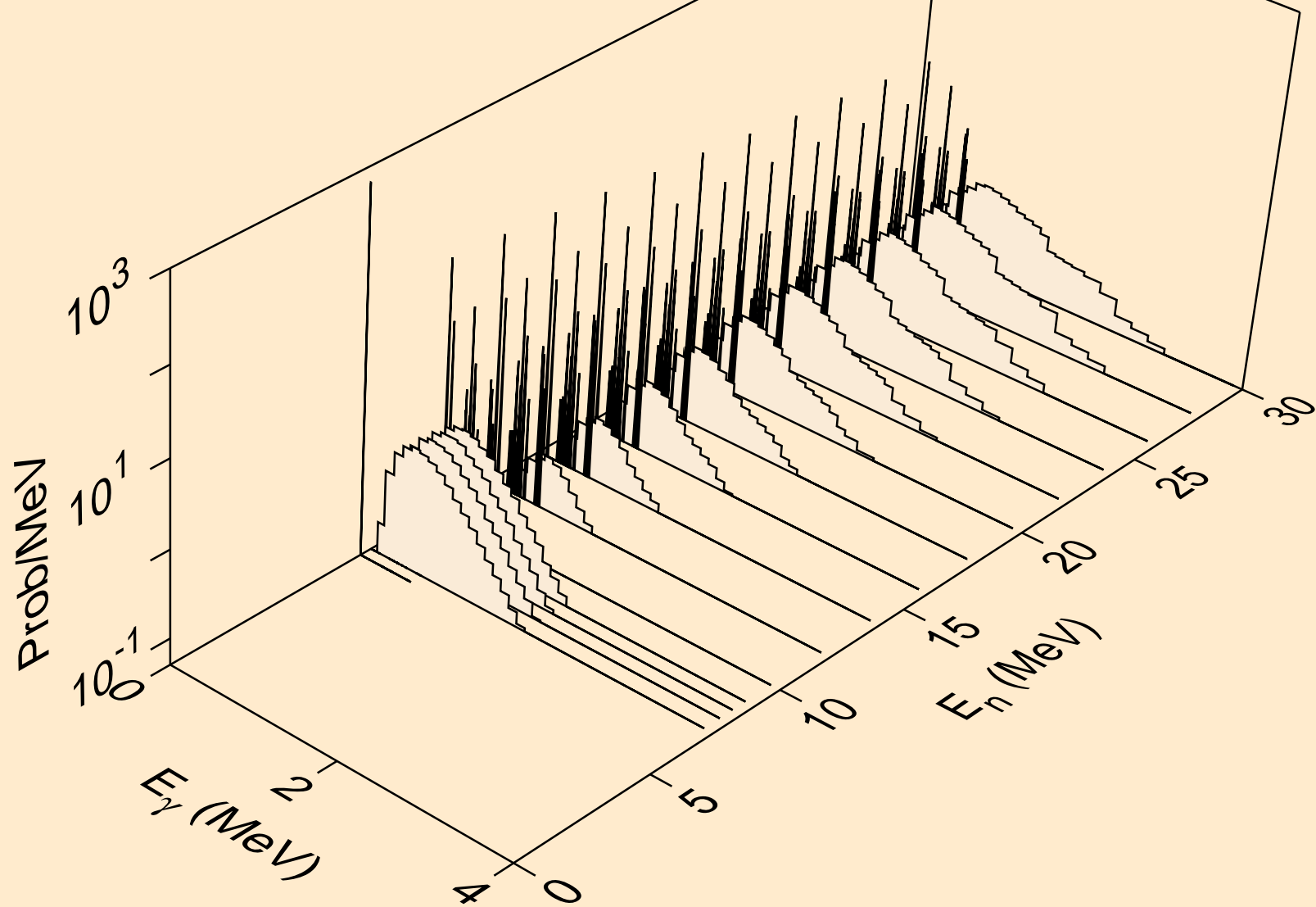


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

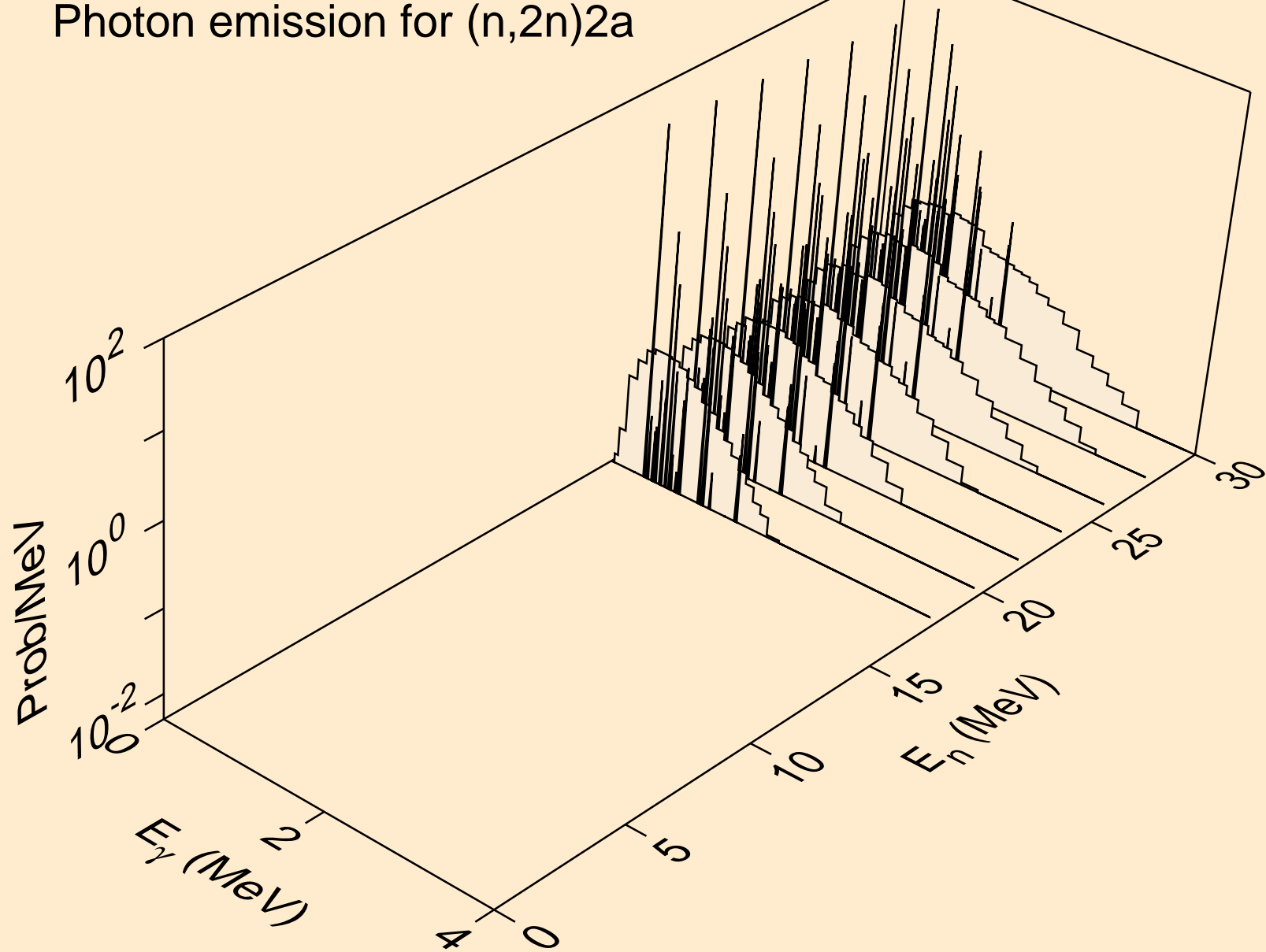




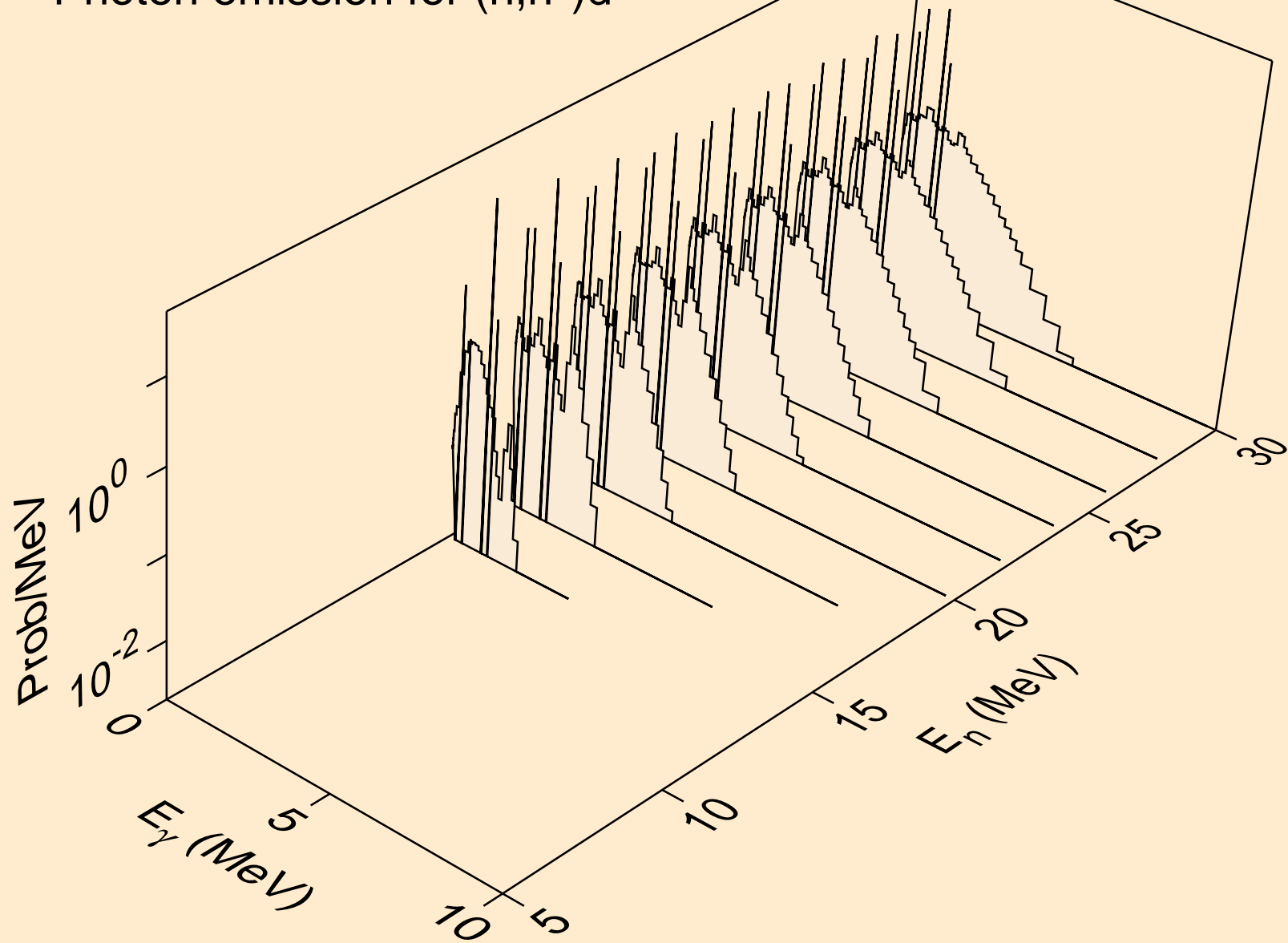
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



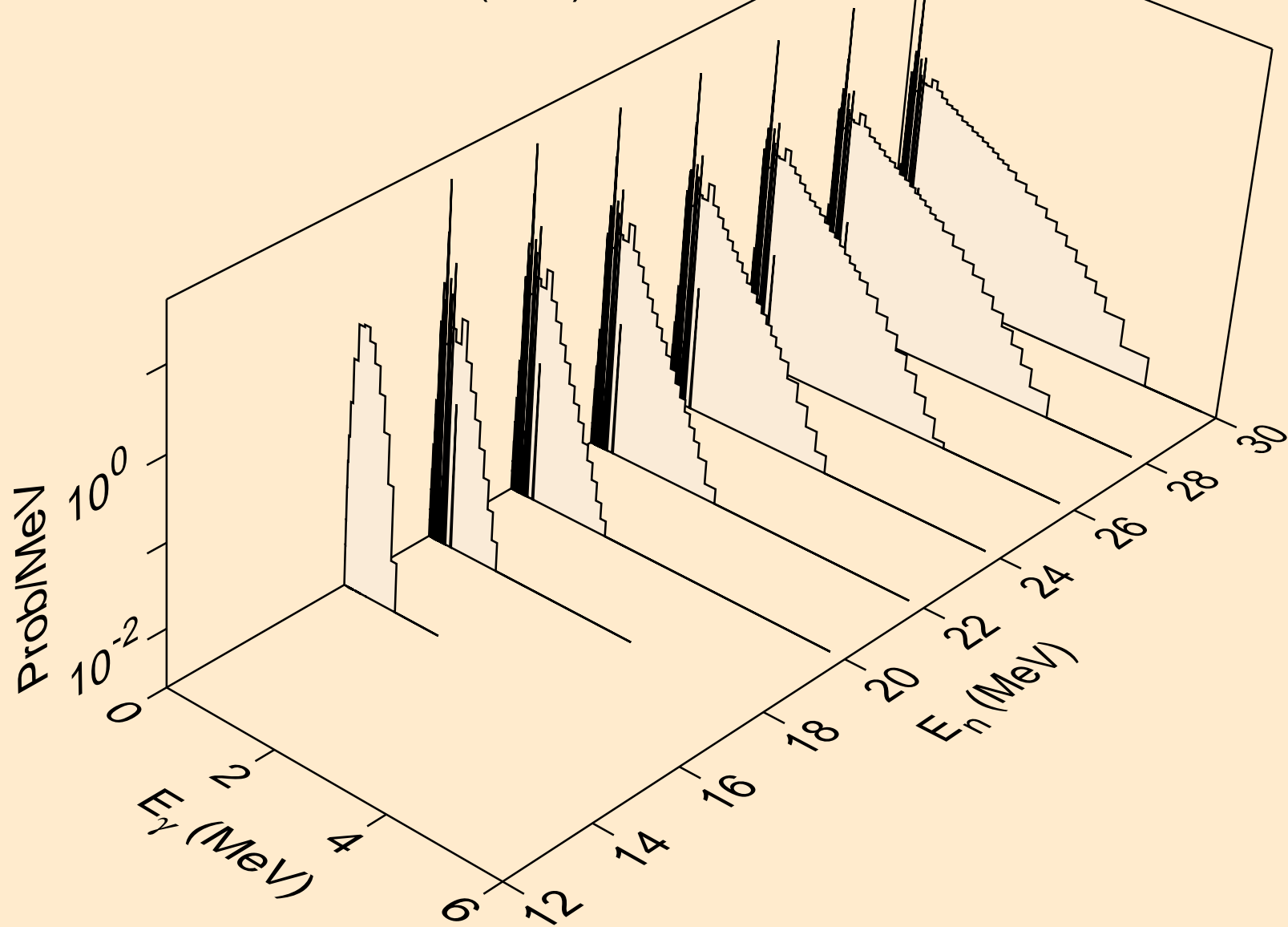
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



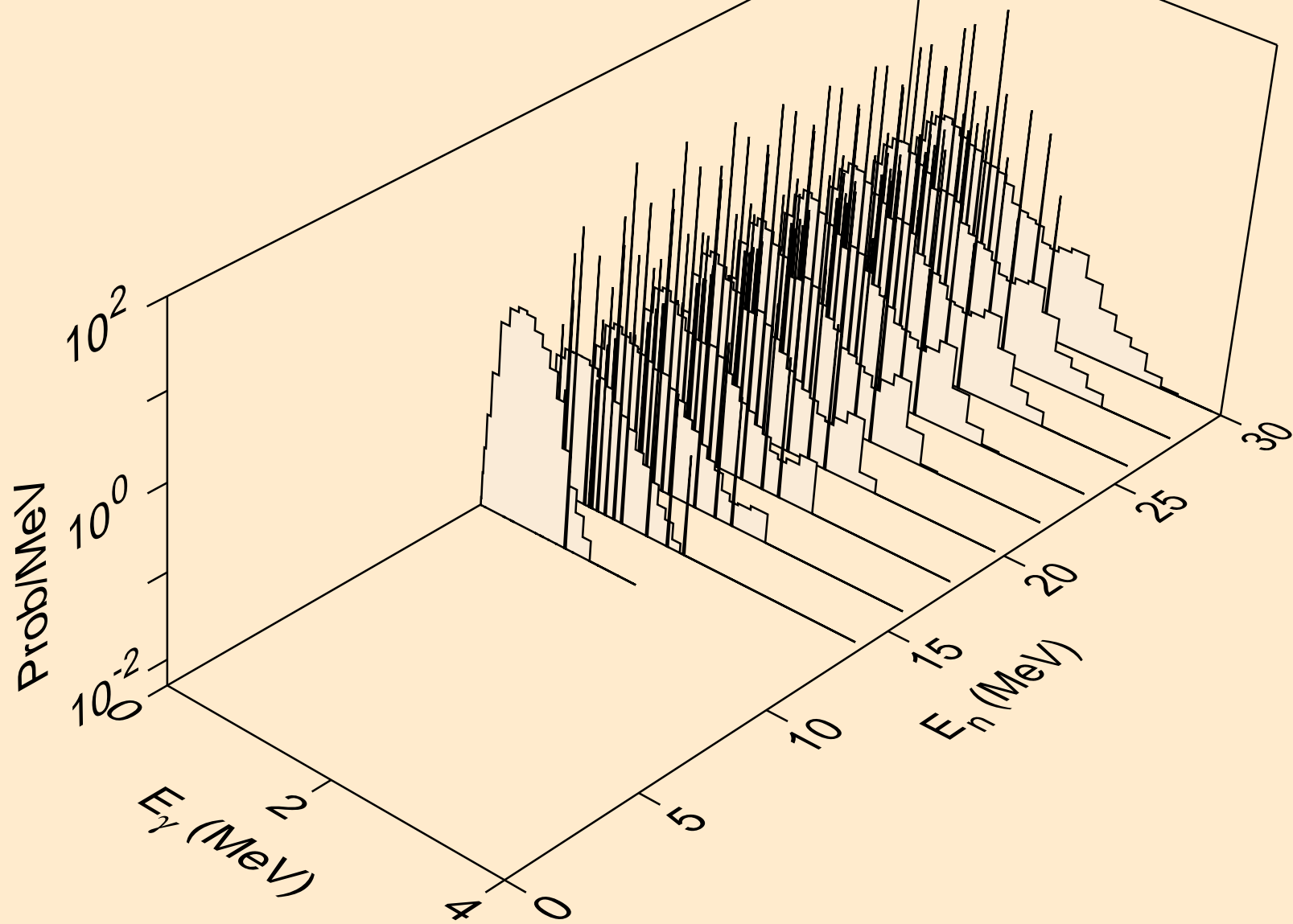
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



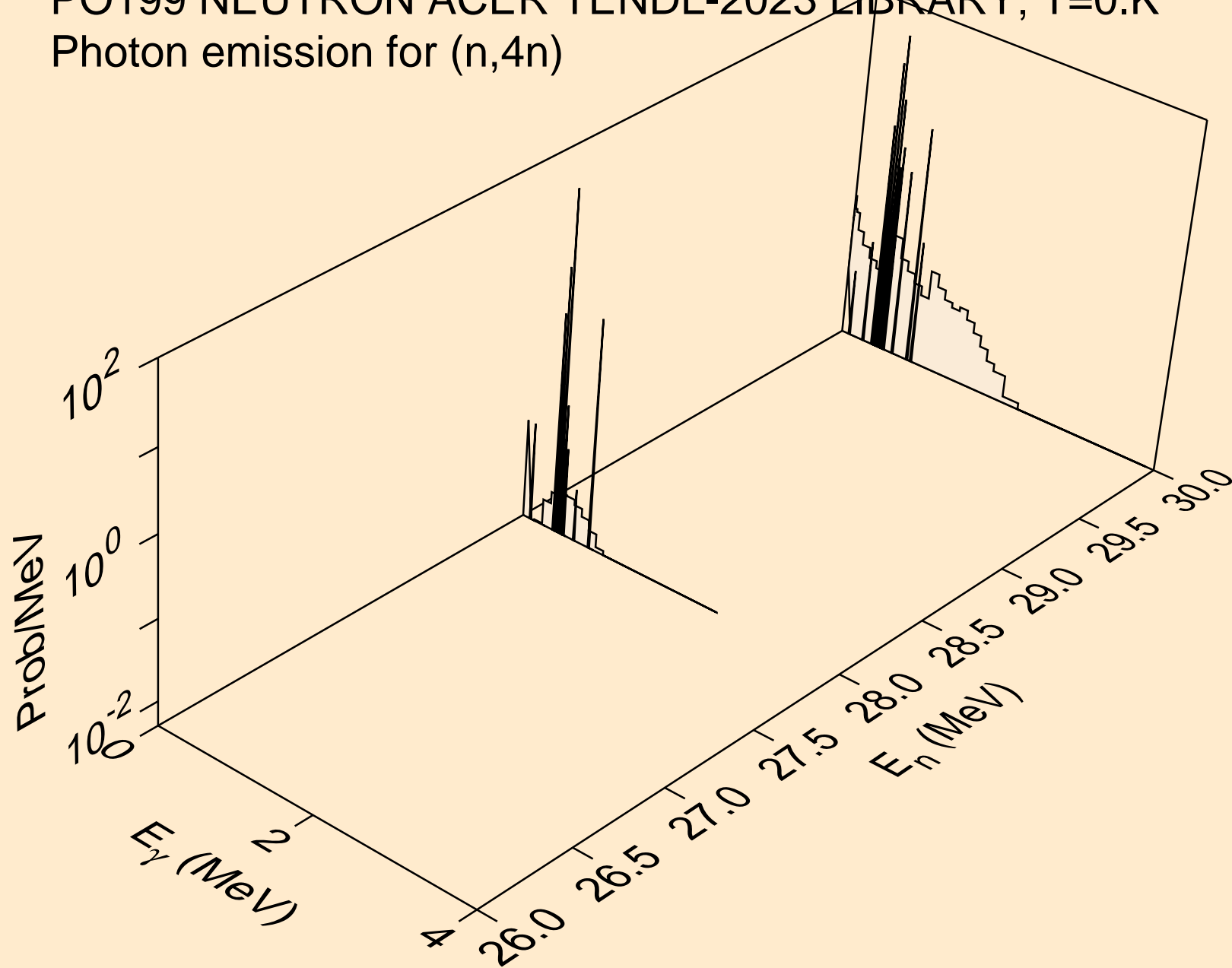
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



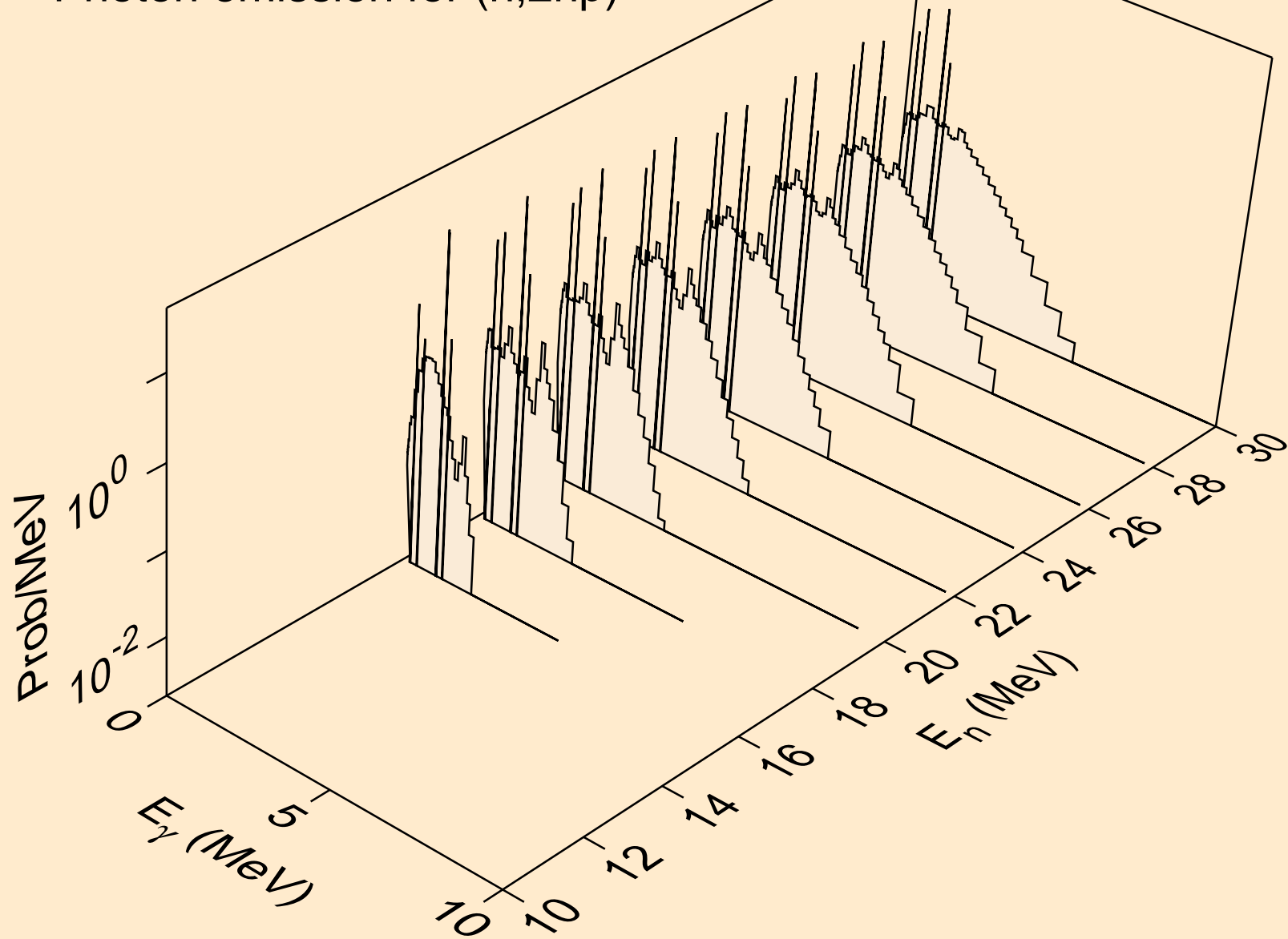
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



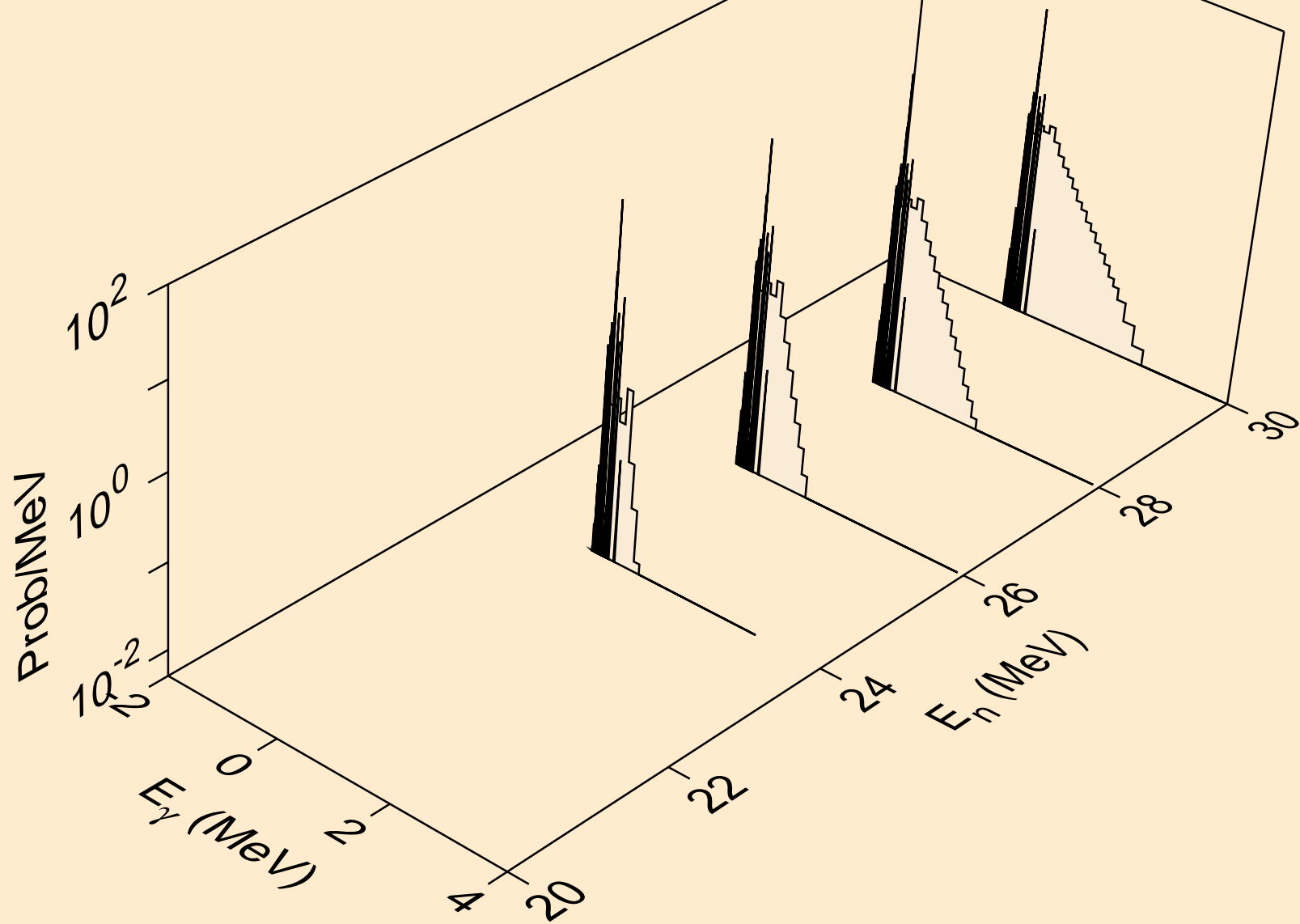
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

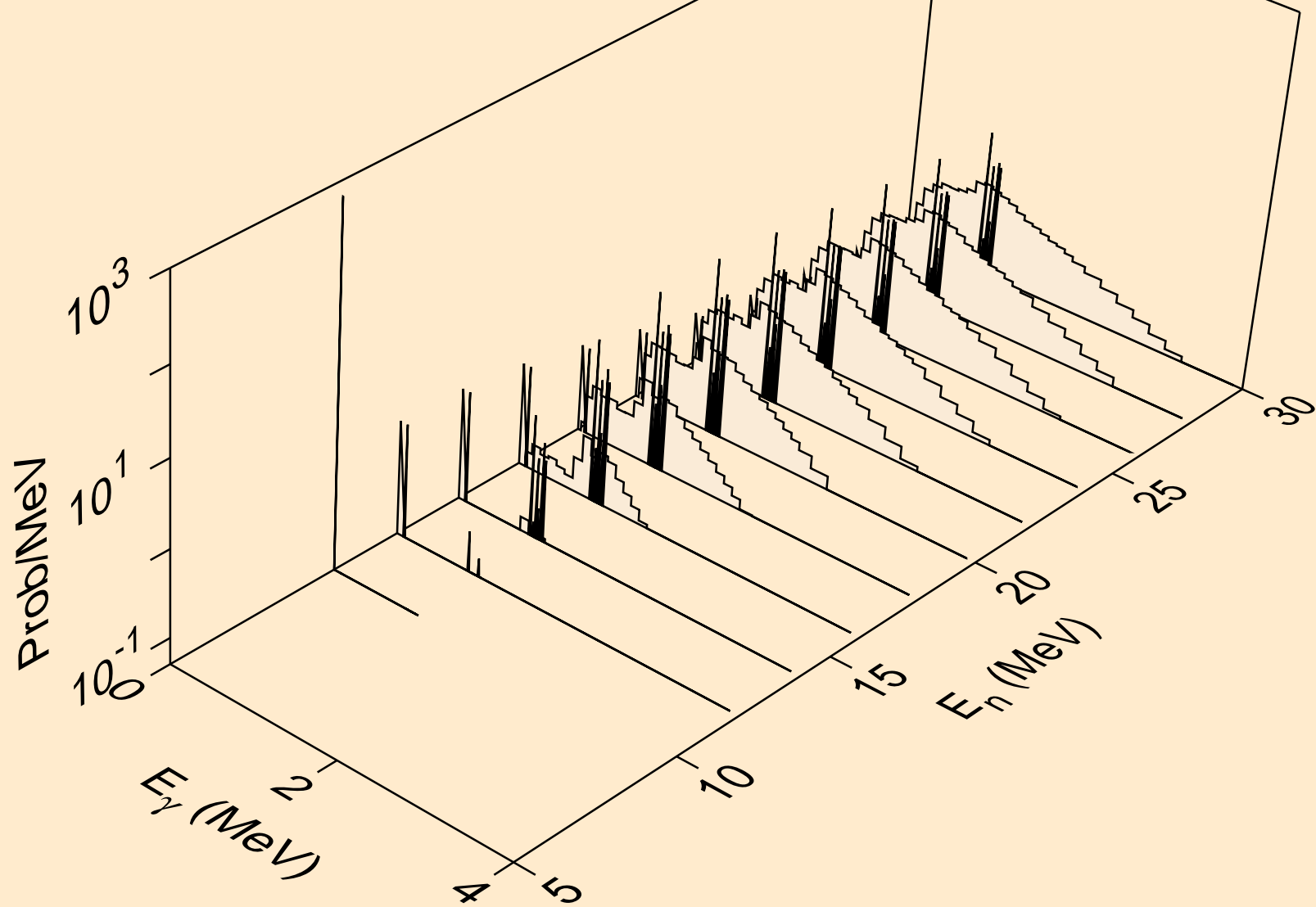


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

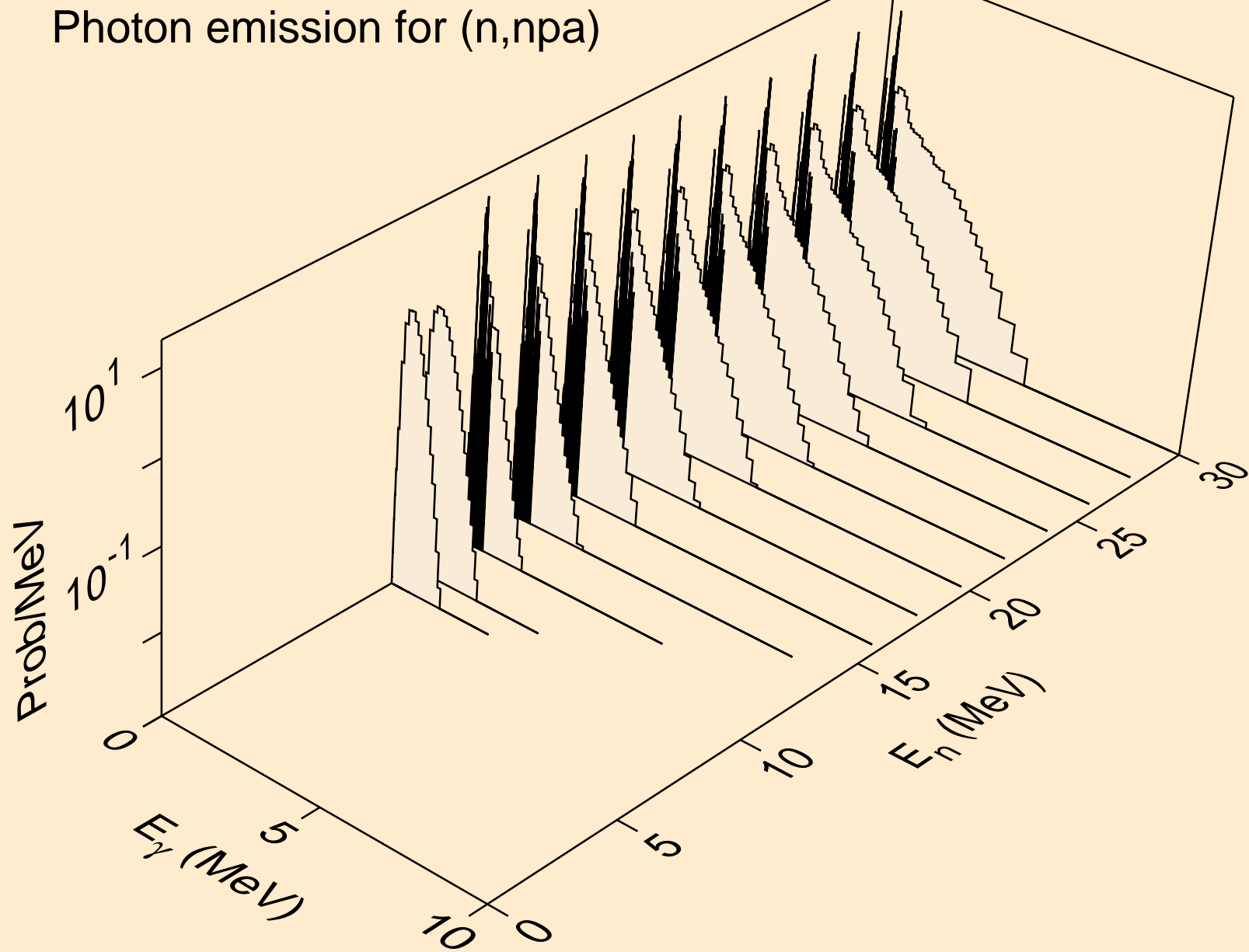




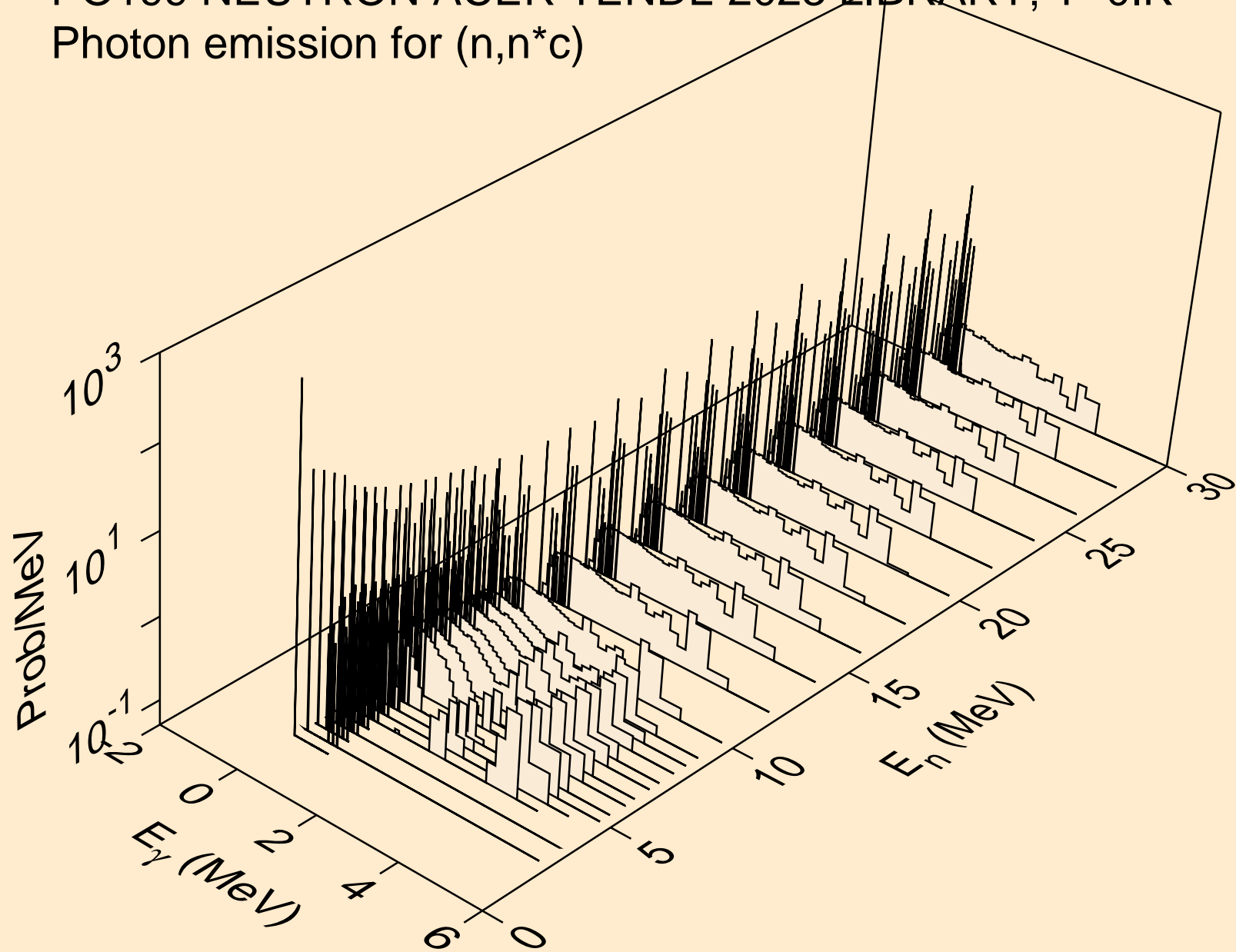
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



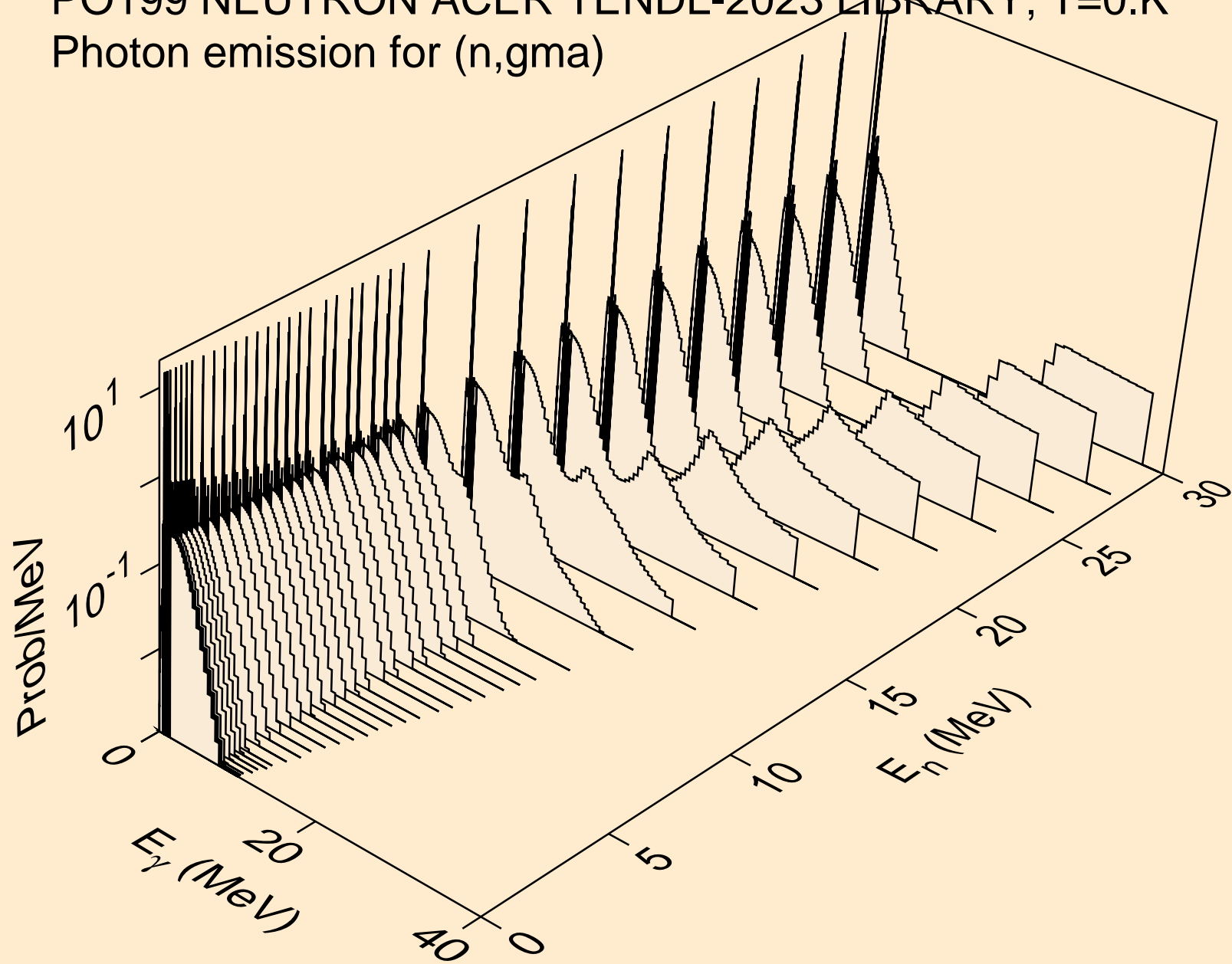
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



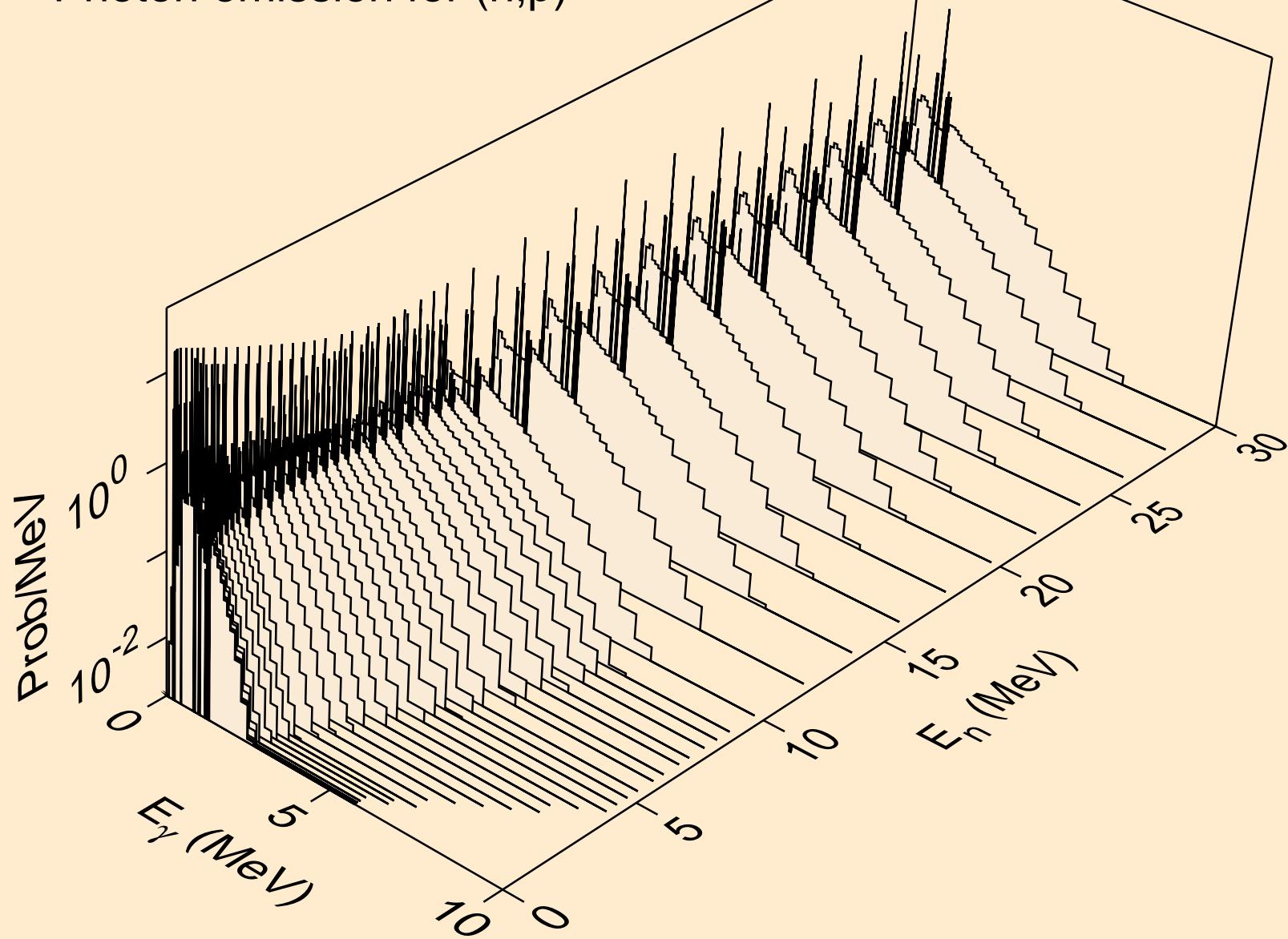
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



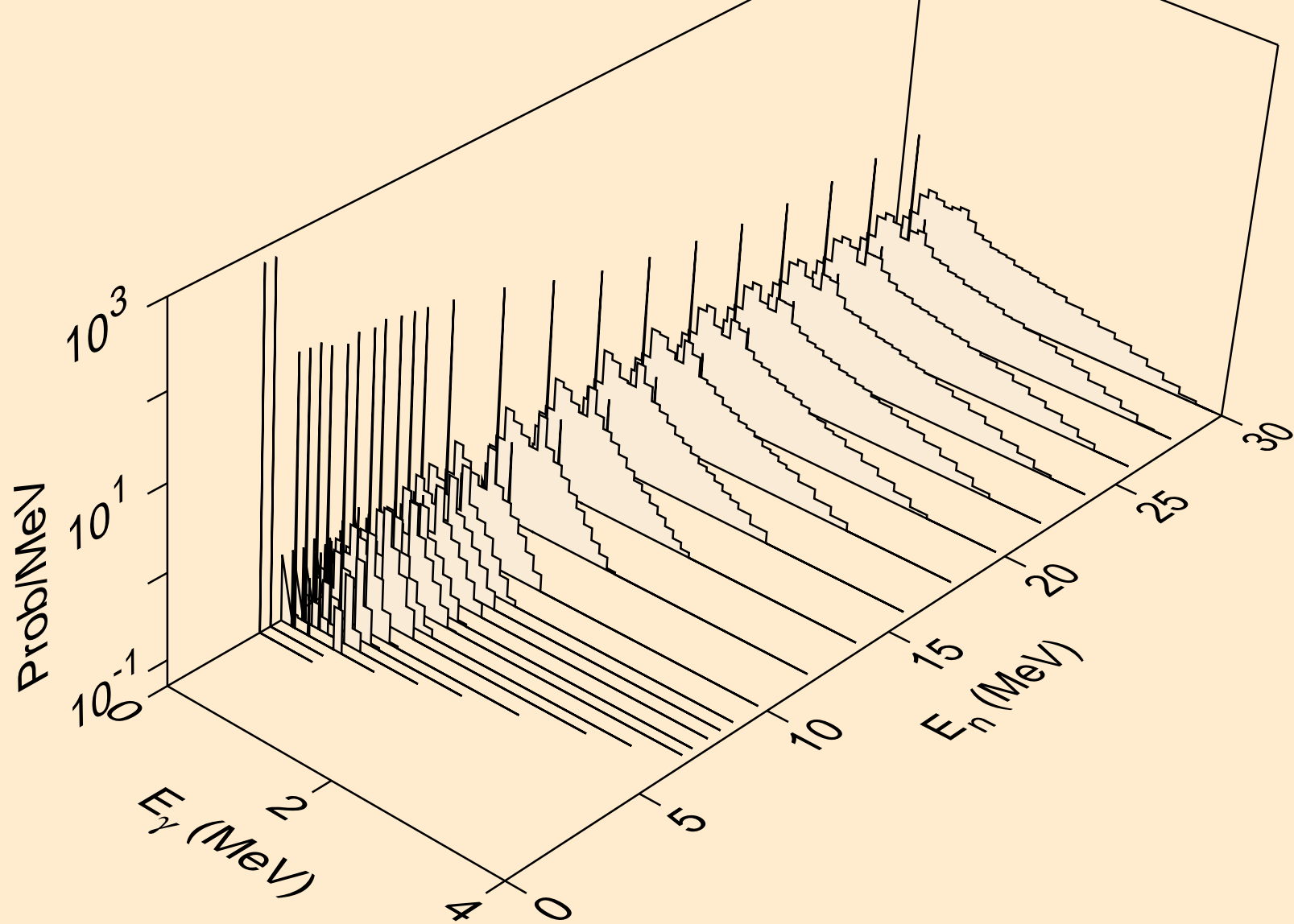
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



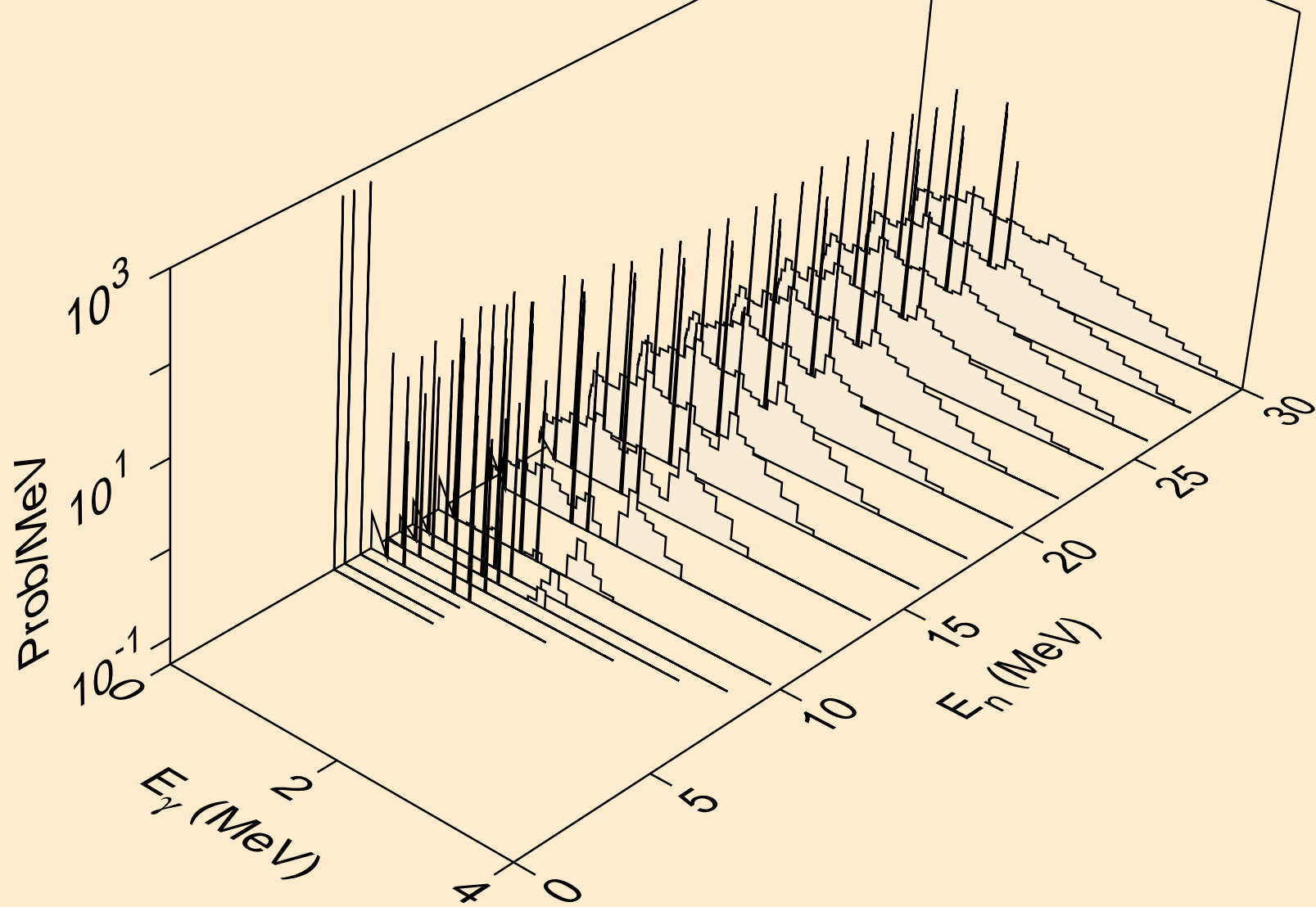
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



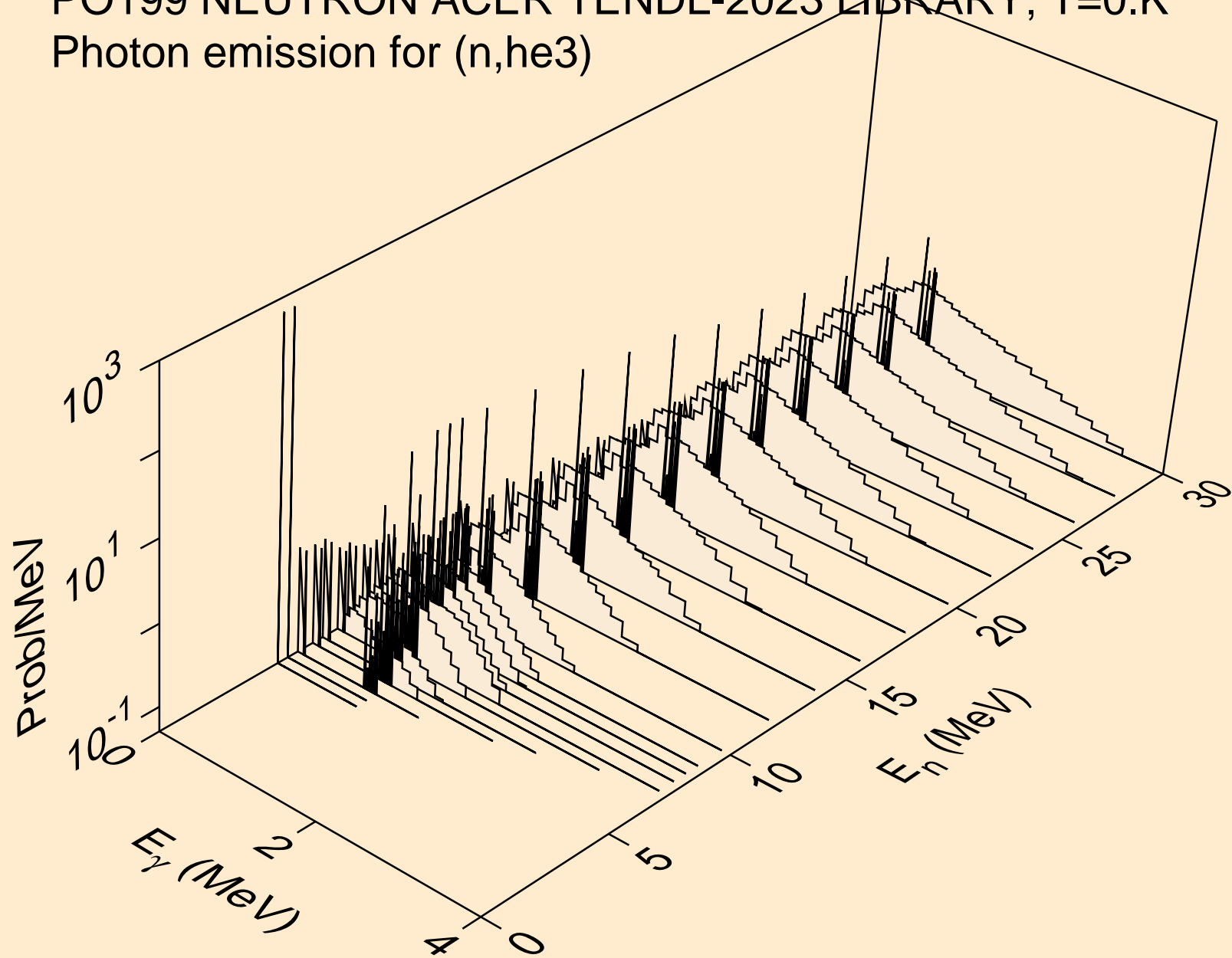
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

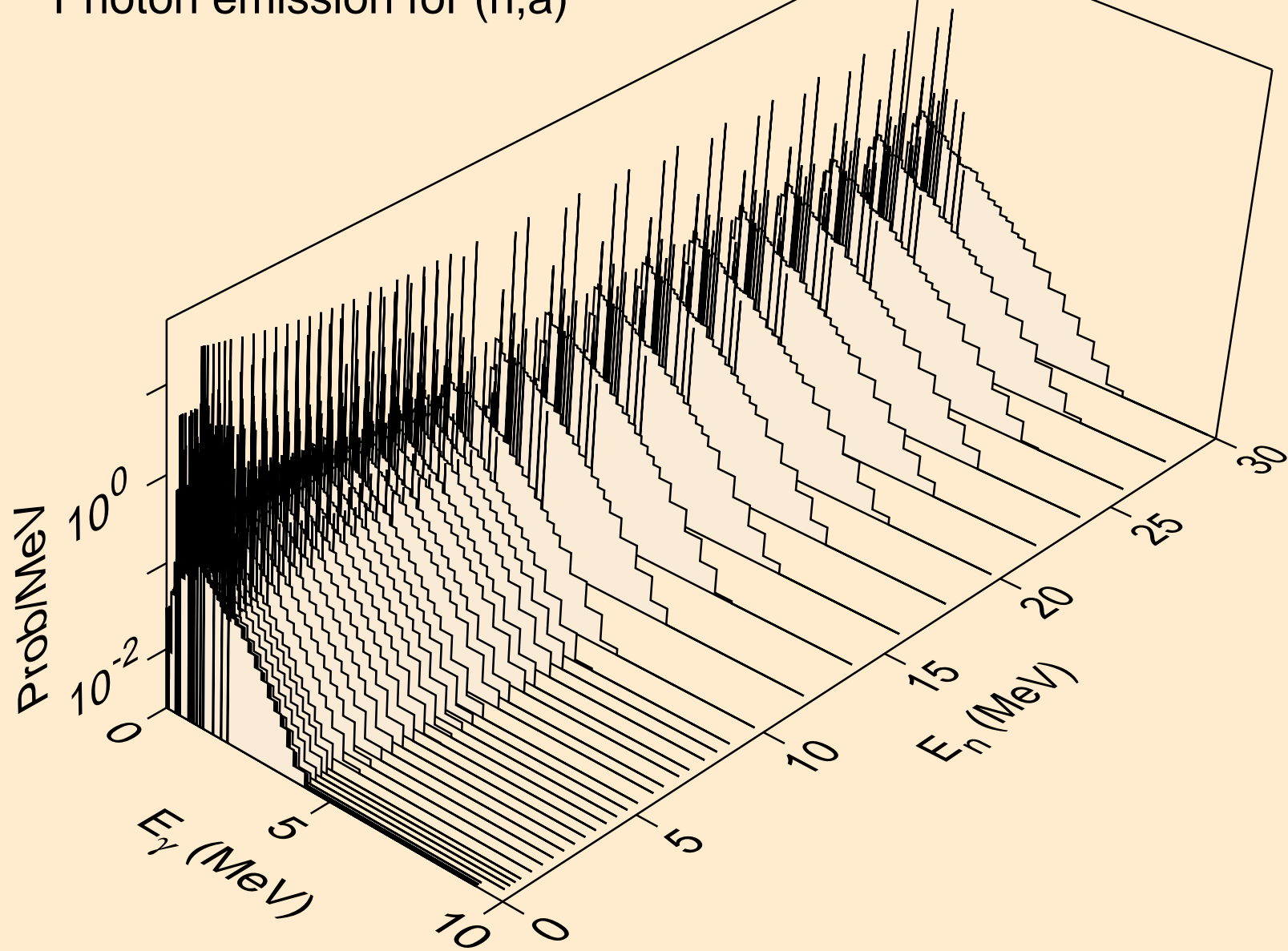


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

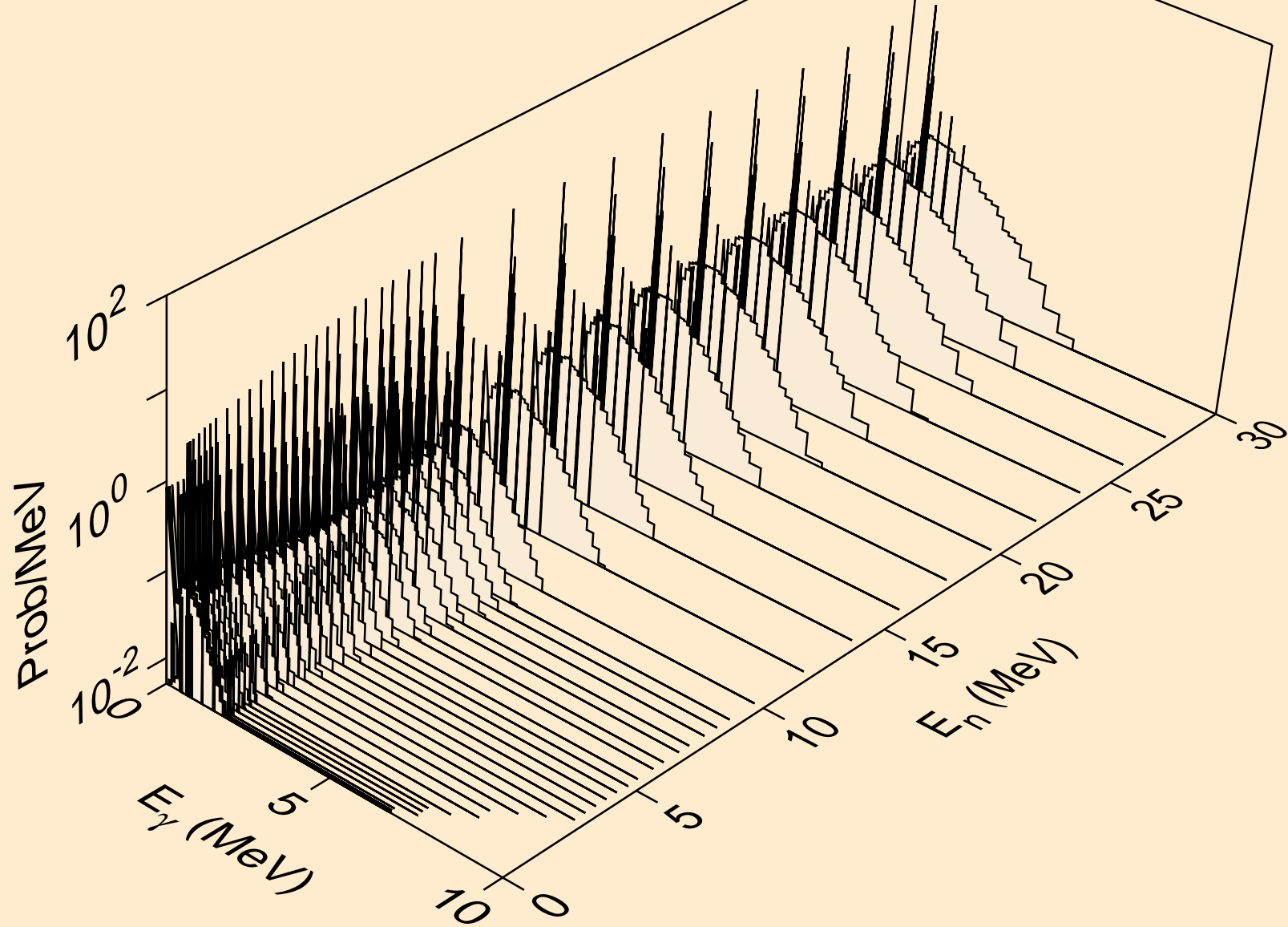




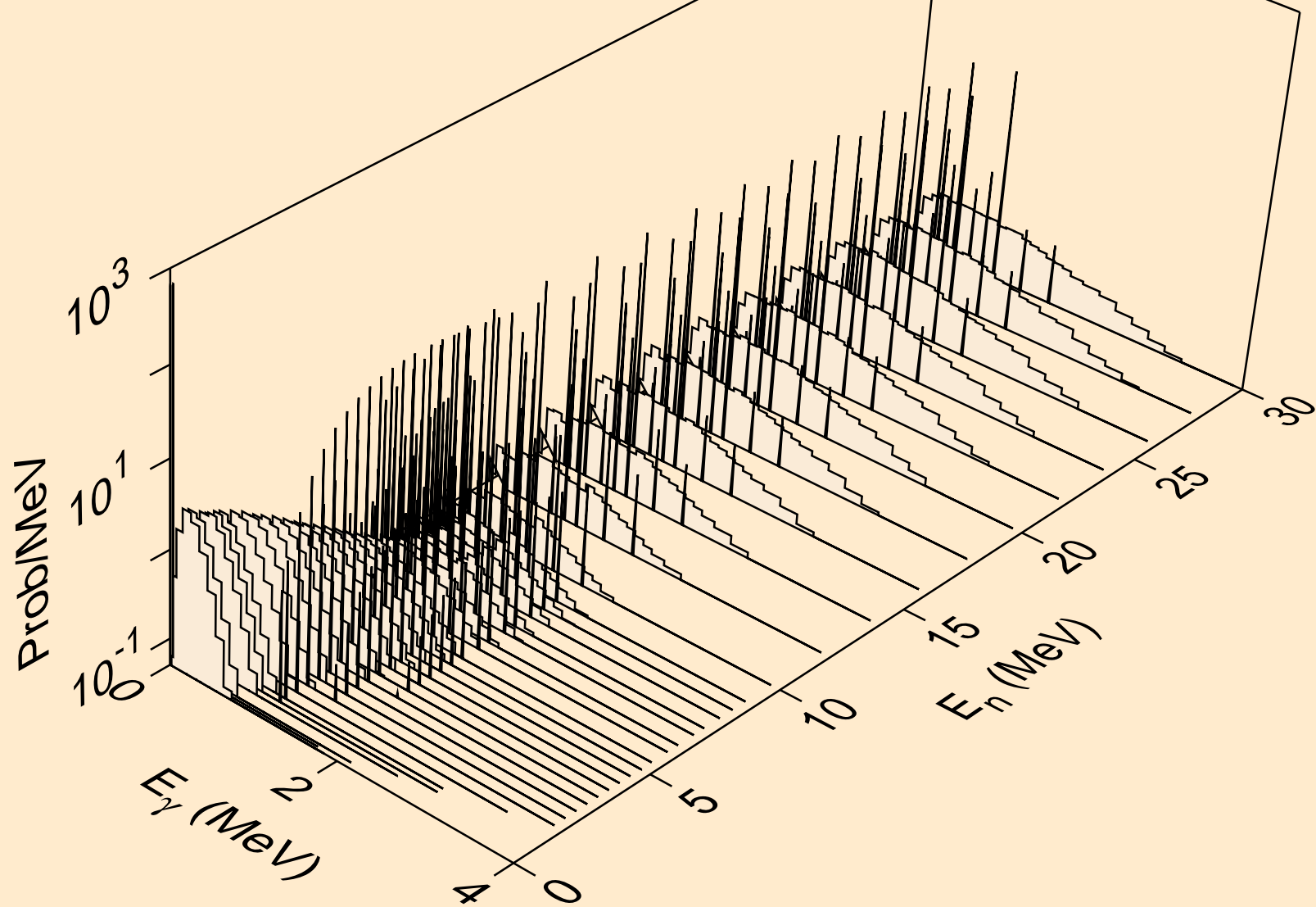
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



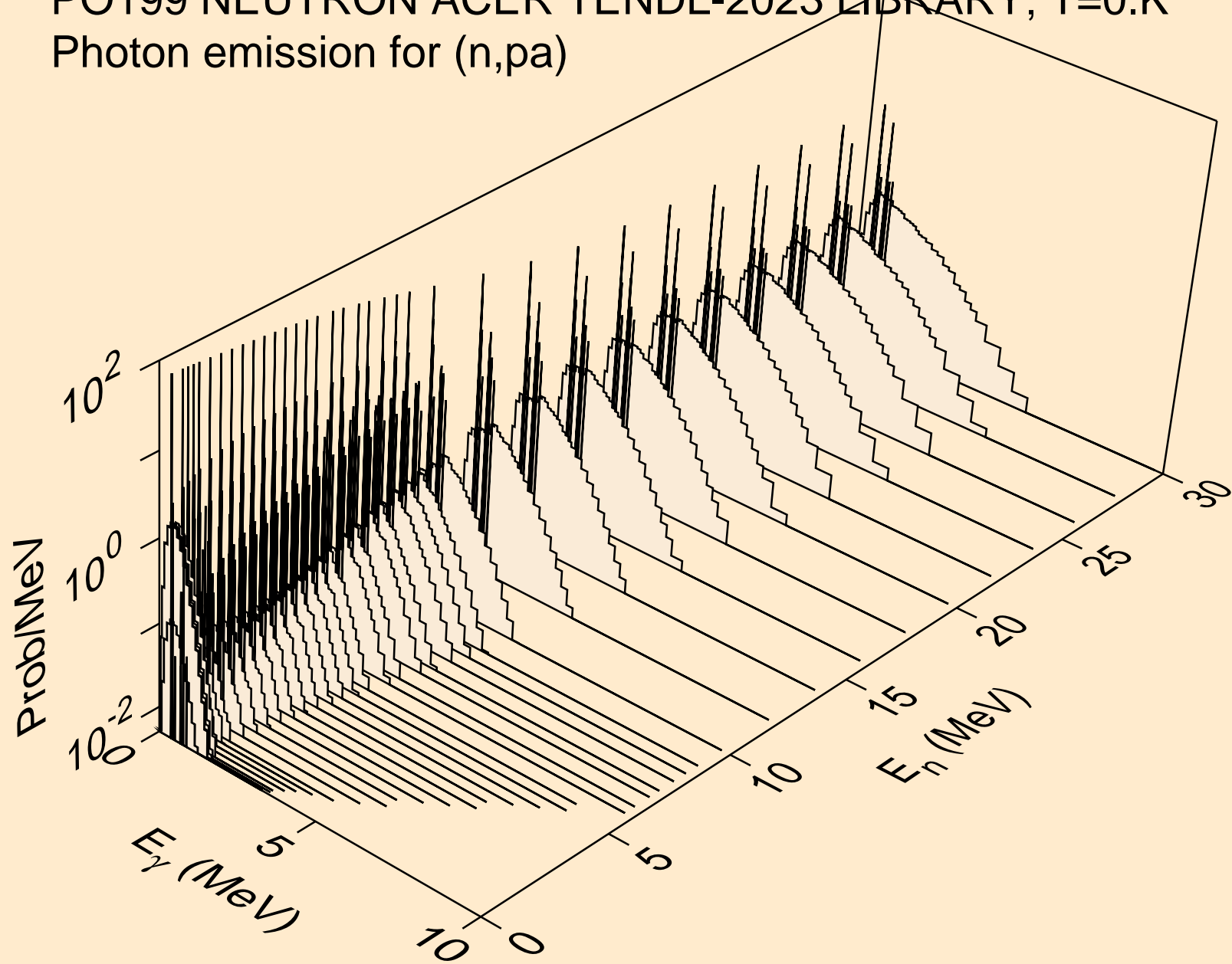
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



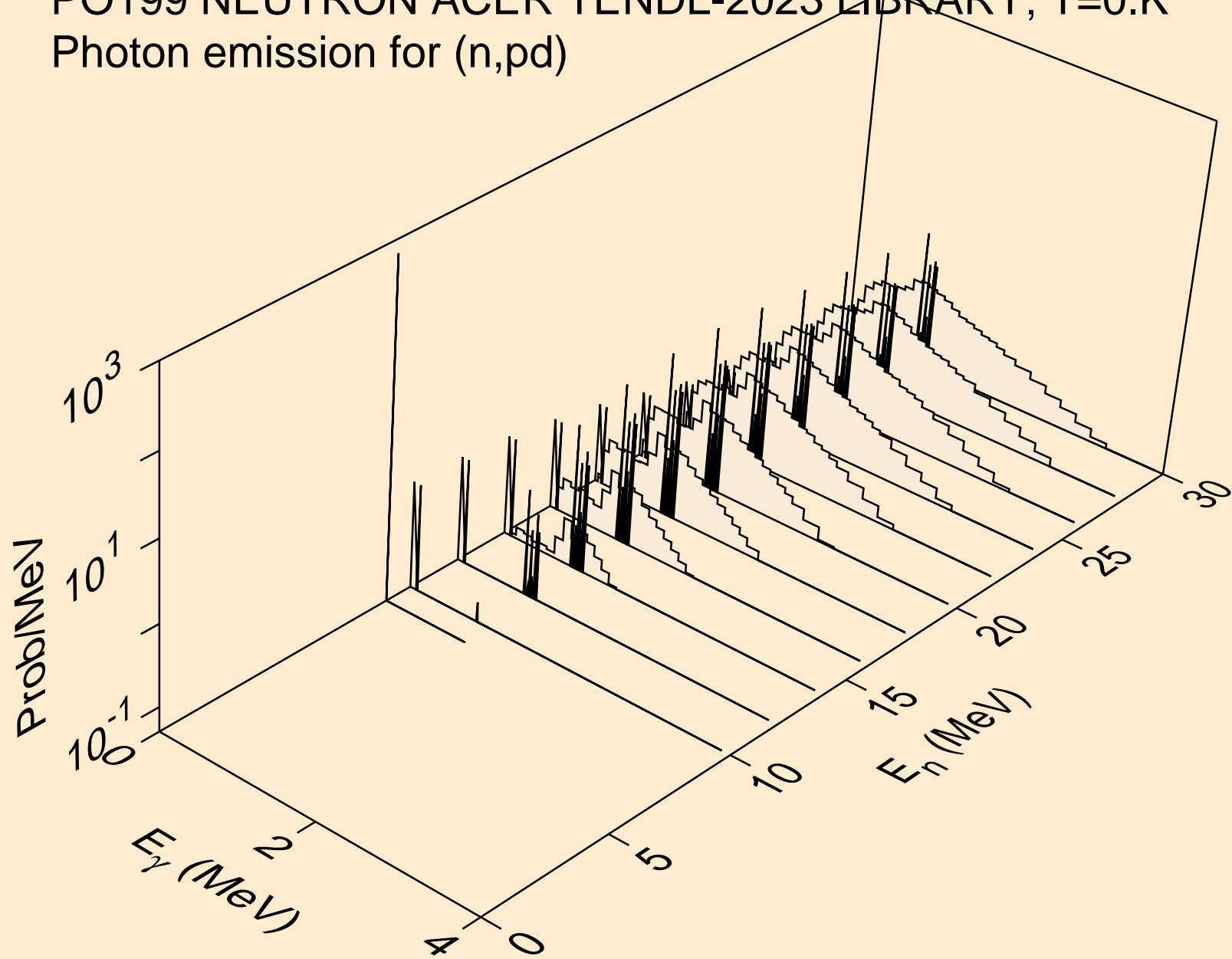
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



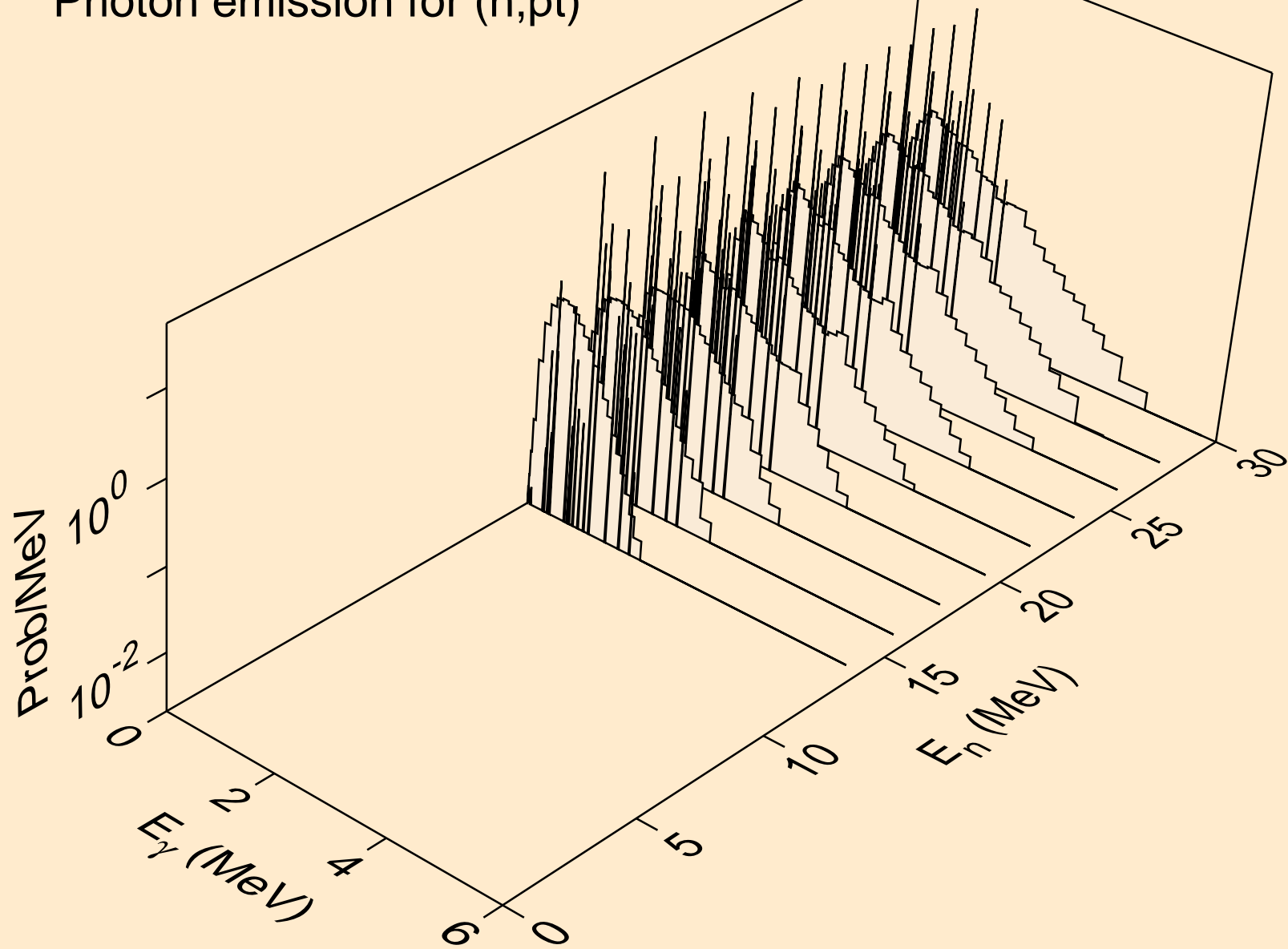
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



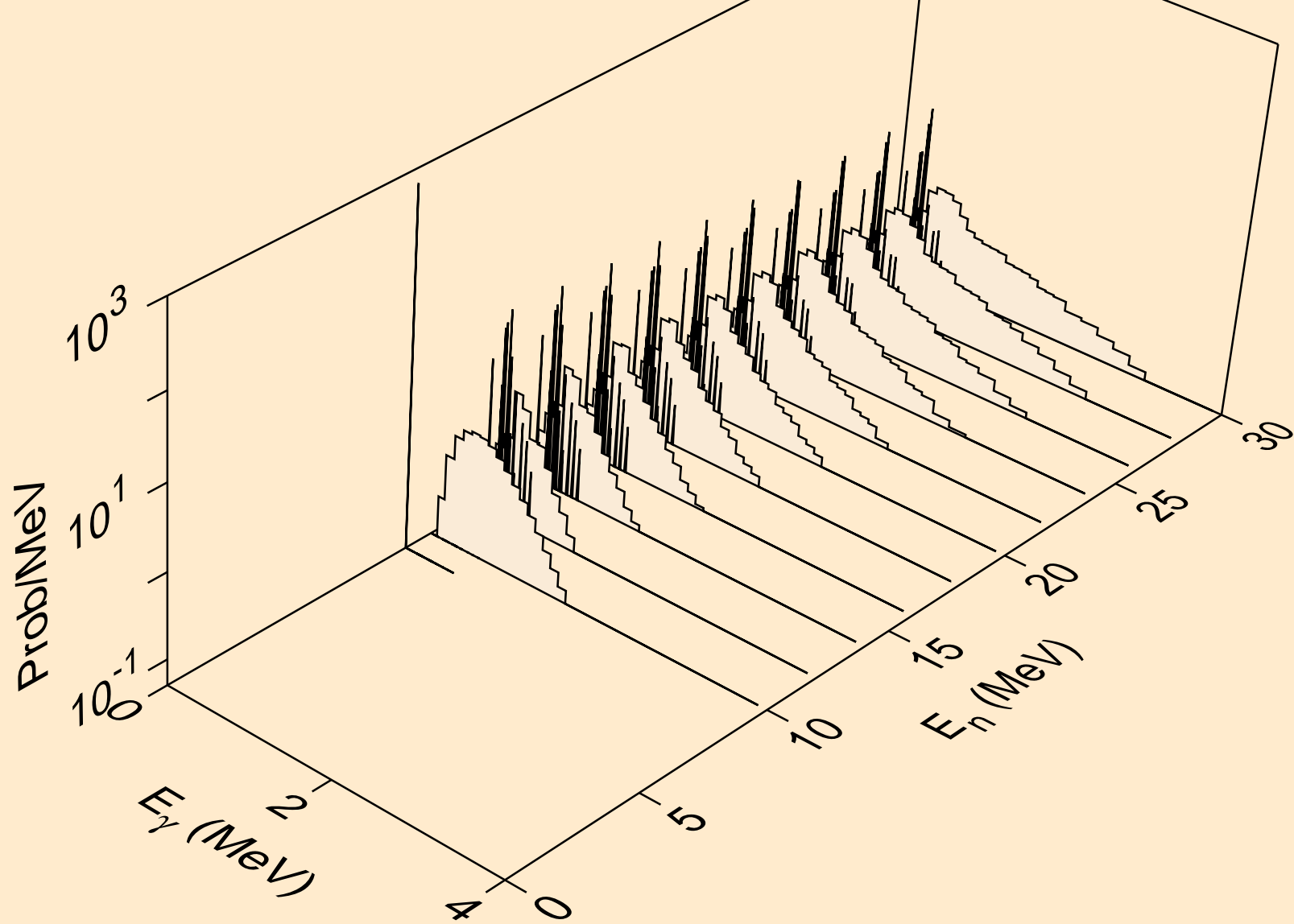
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



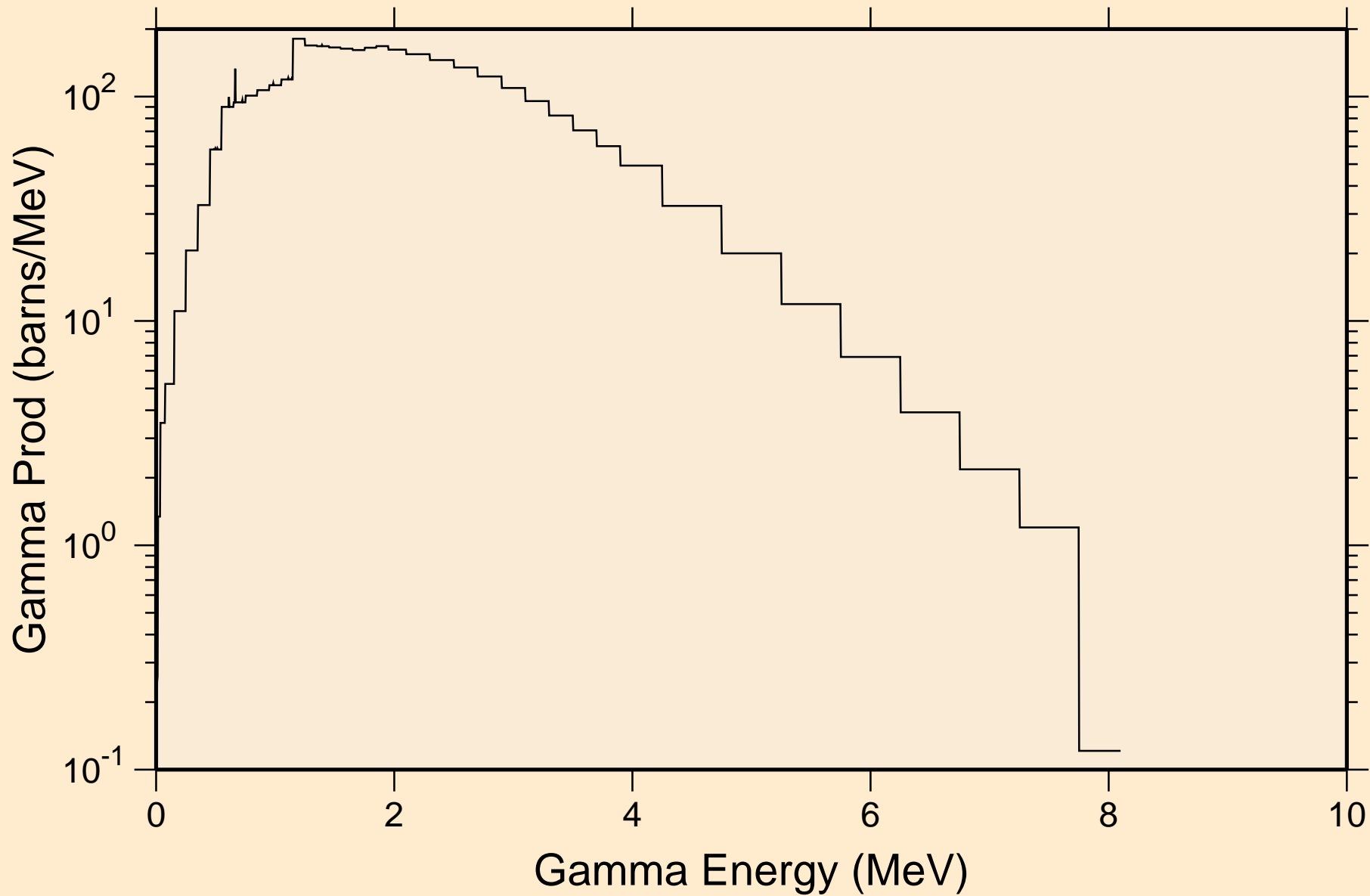
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

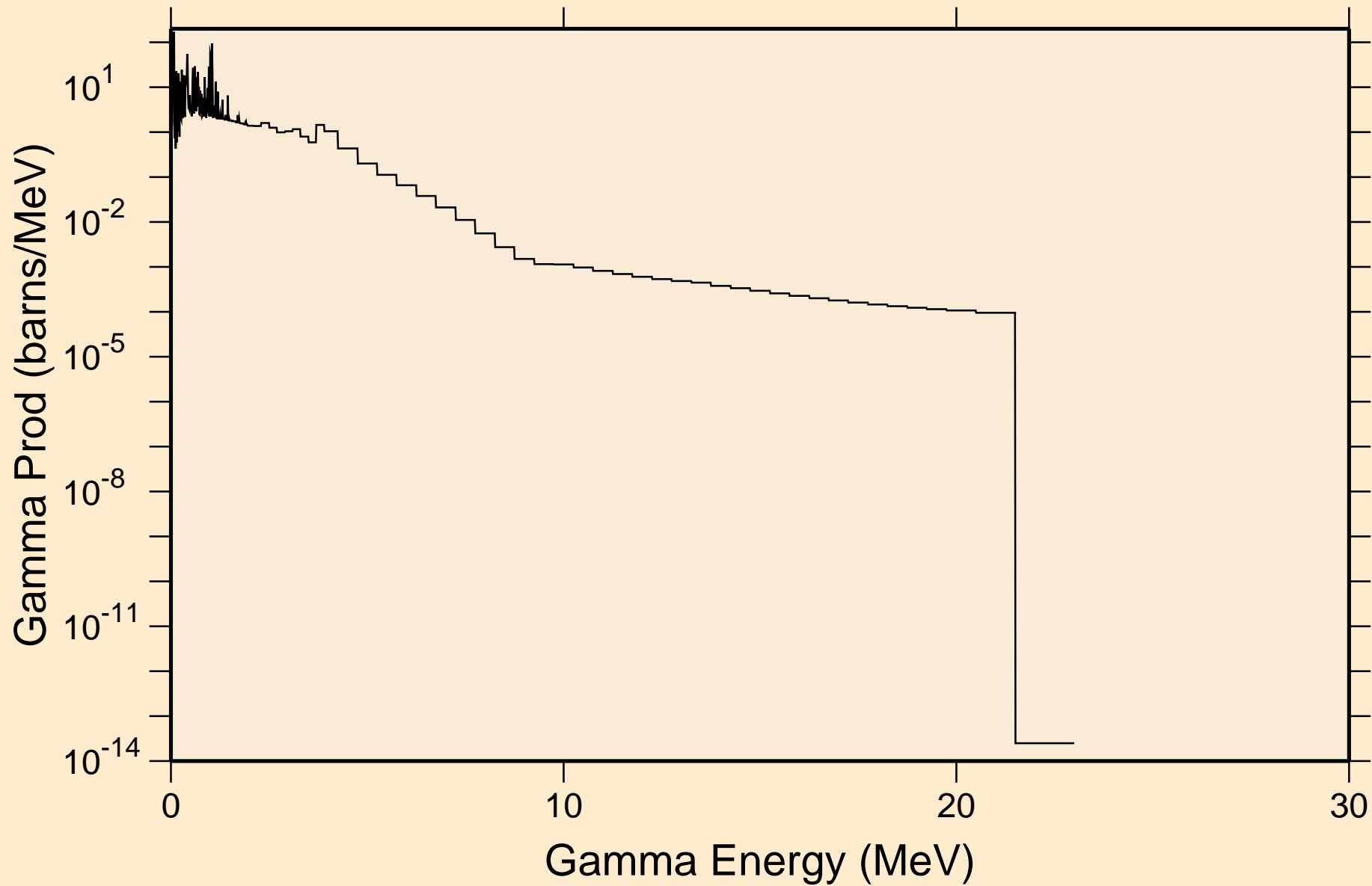


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



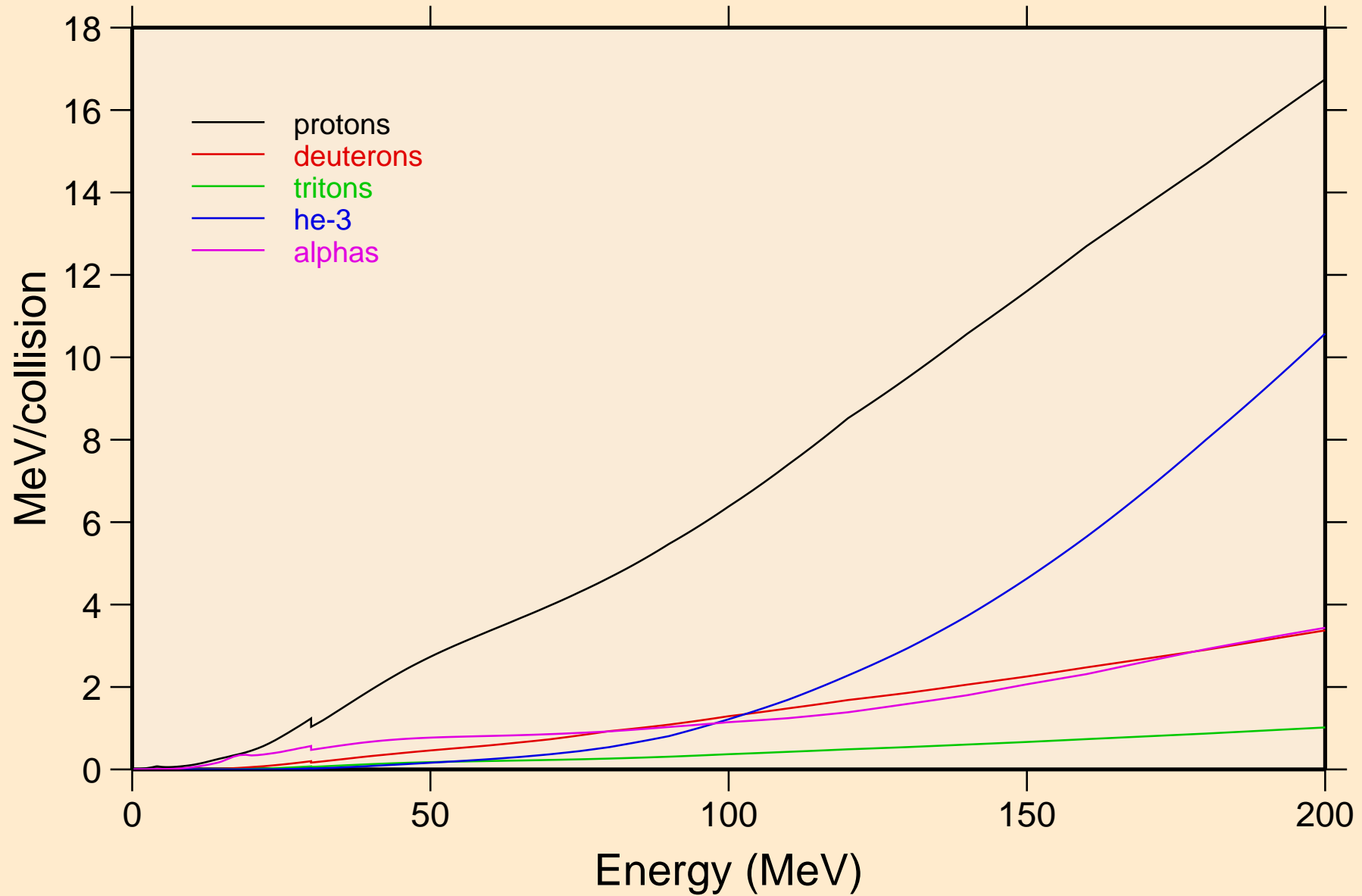


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

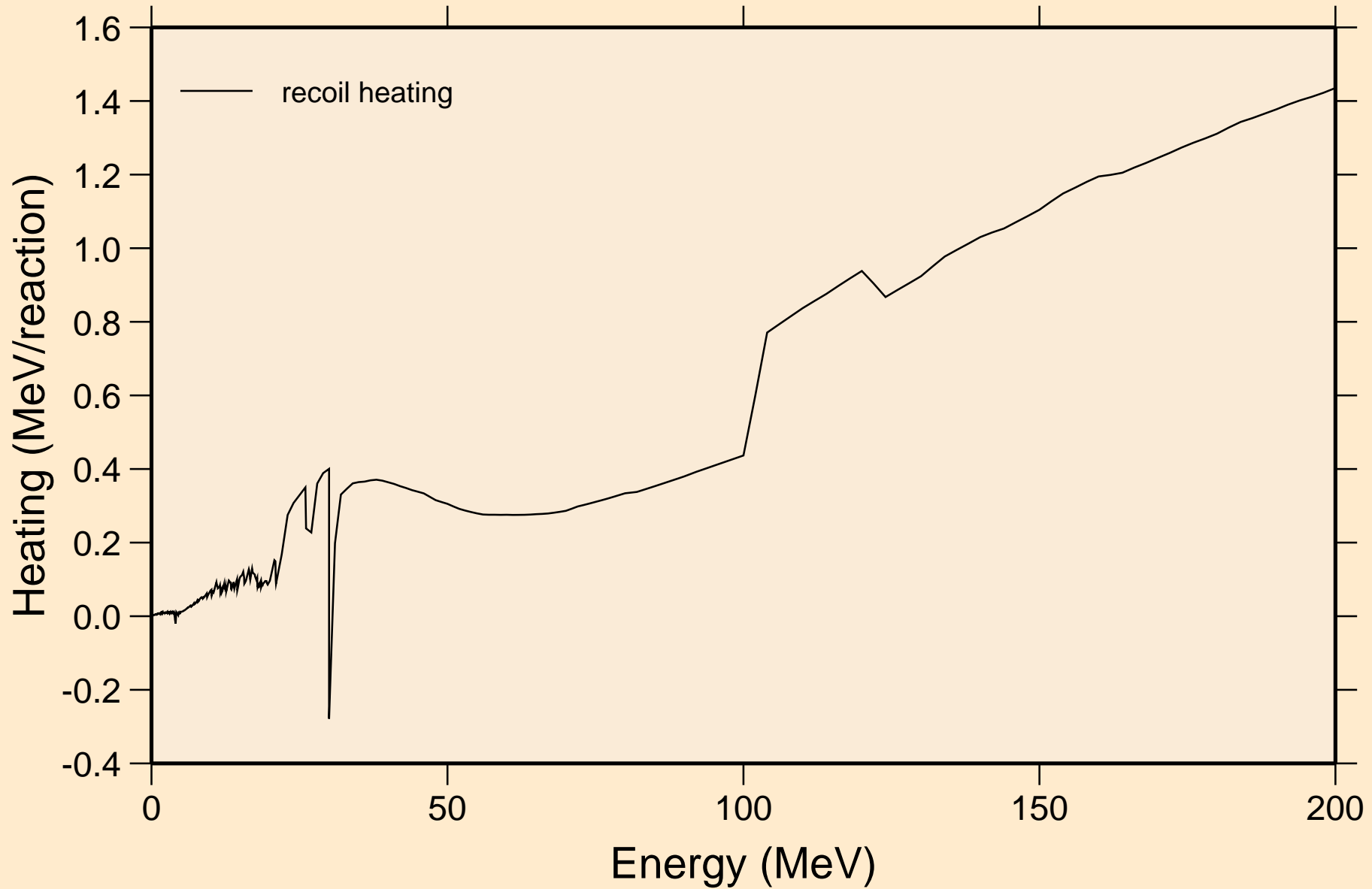


# PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

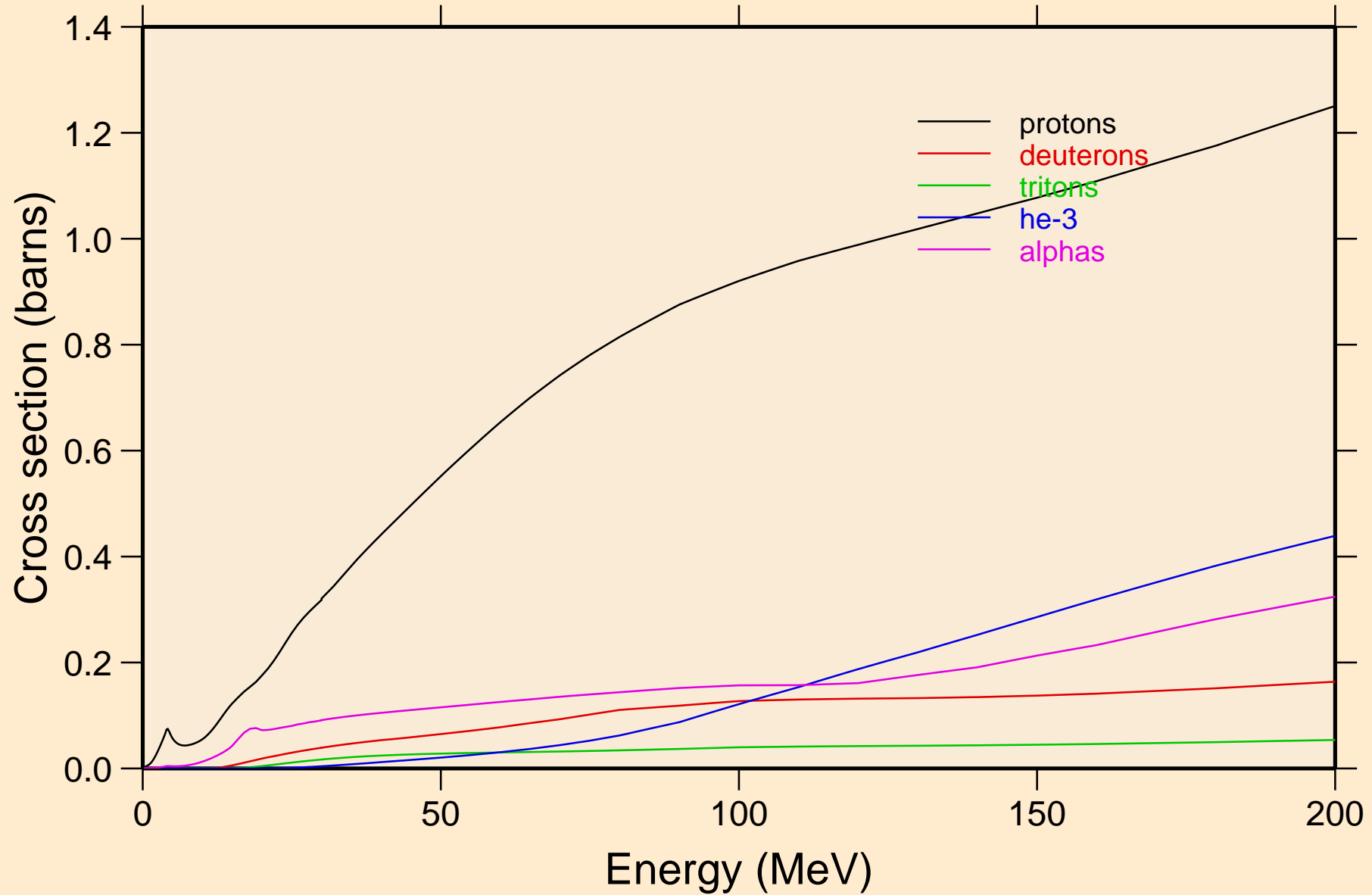
## Particle heating contributions



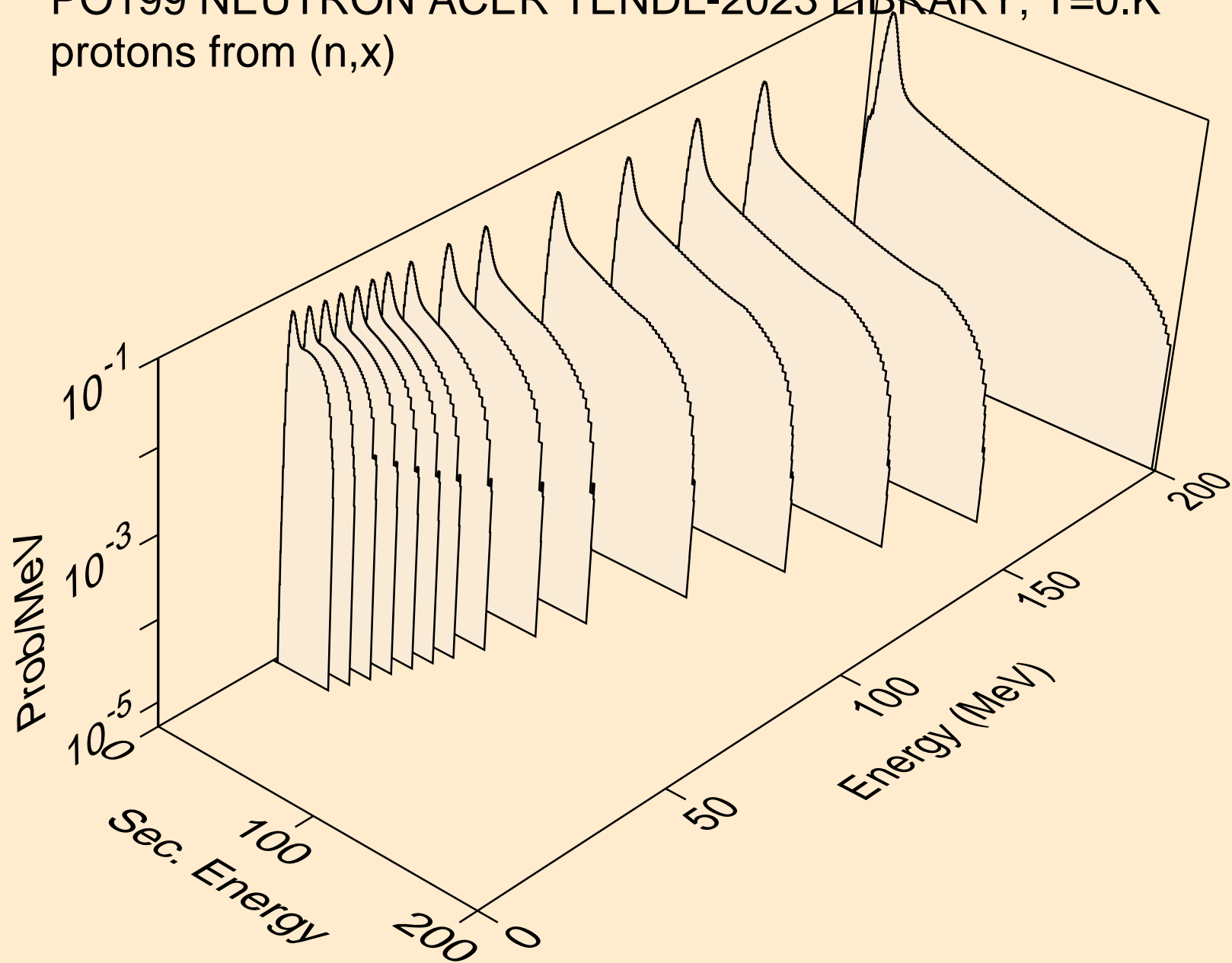
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



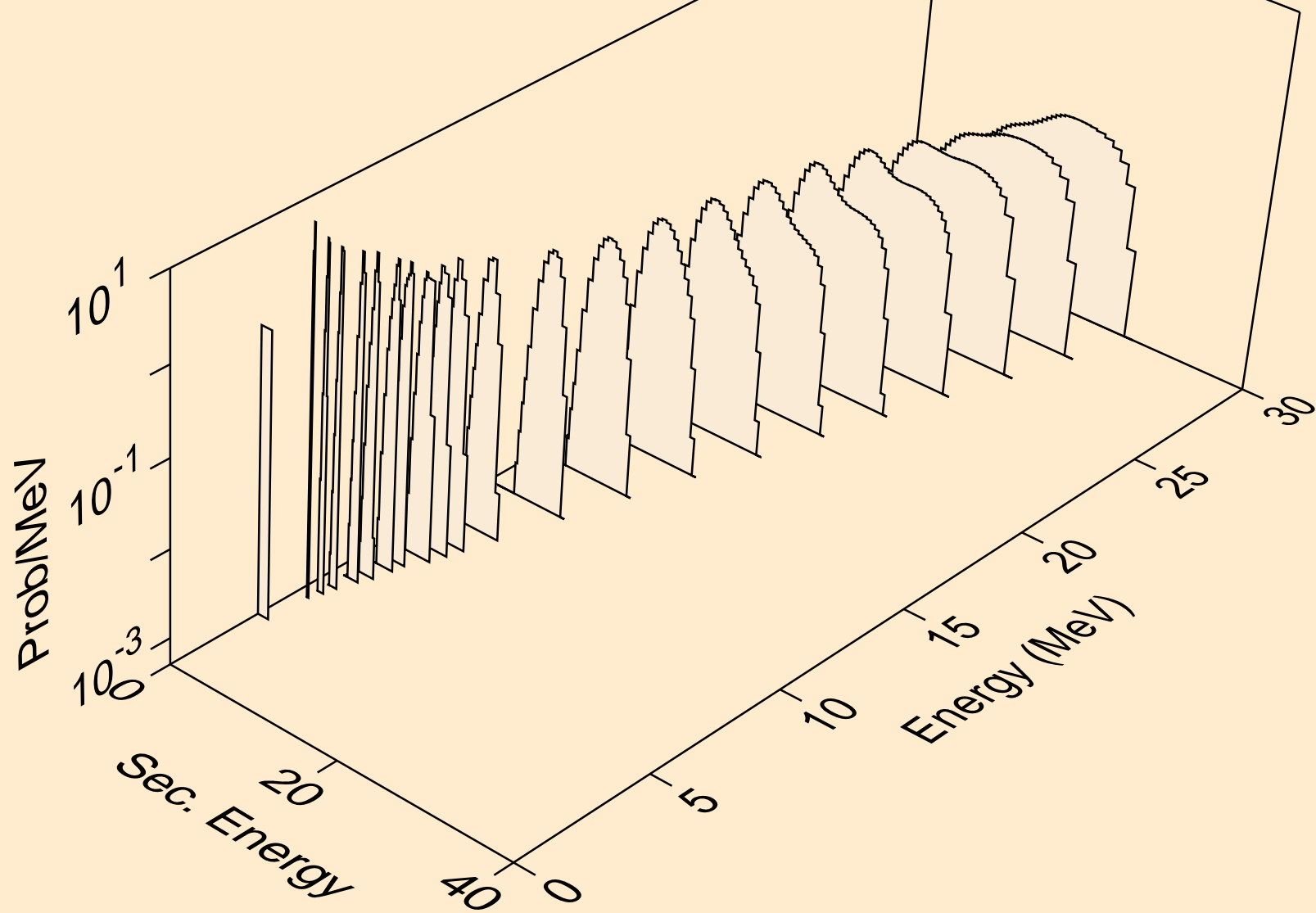
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



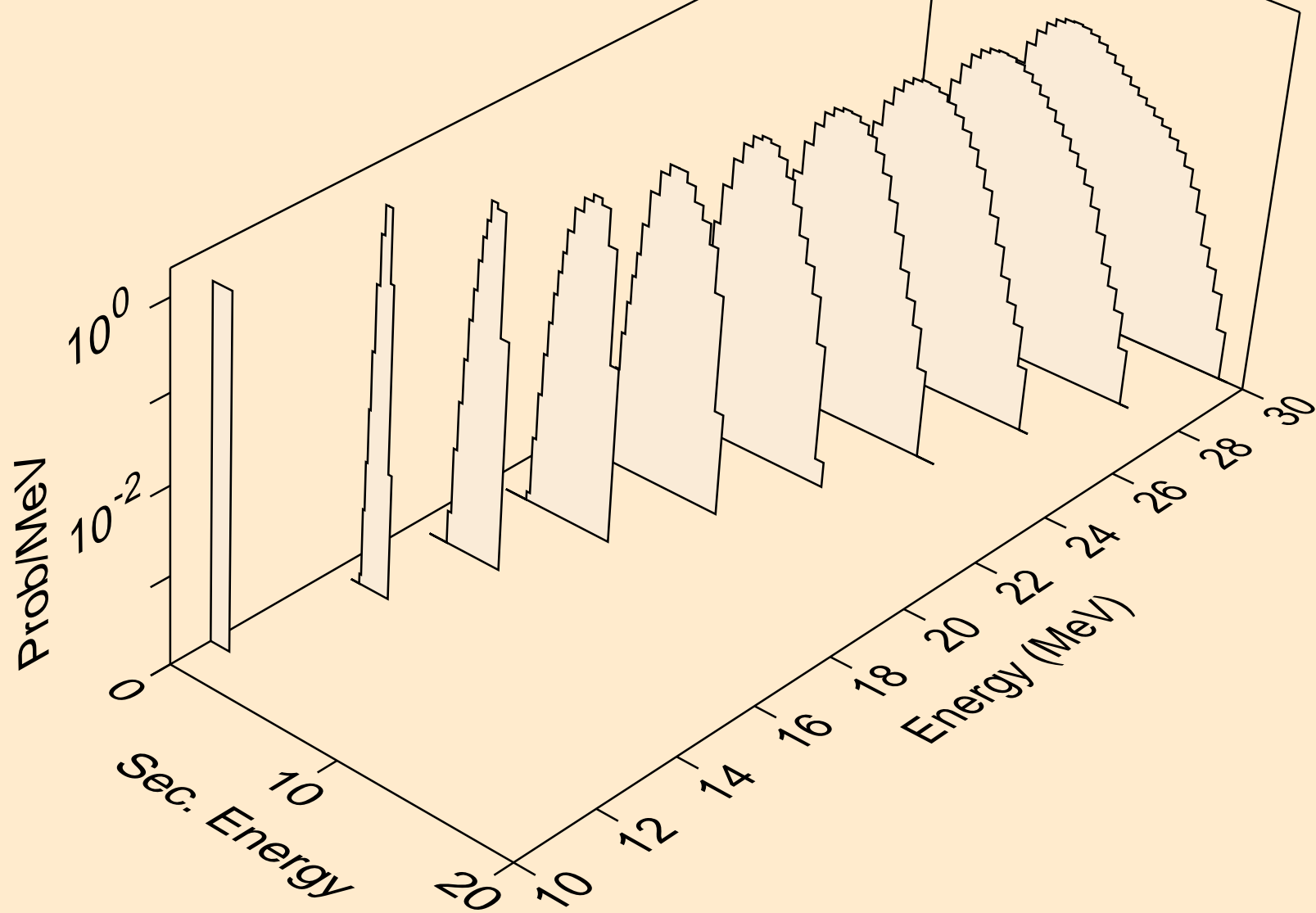
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



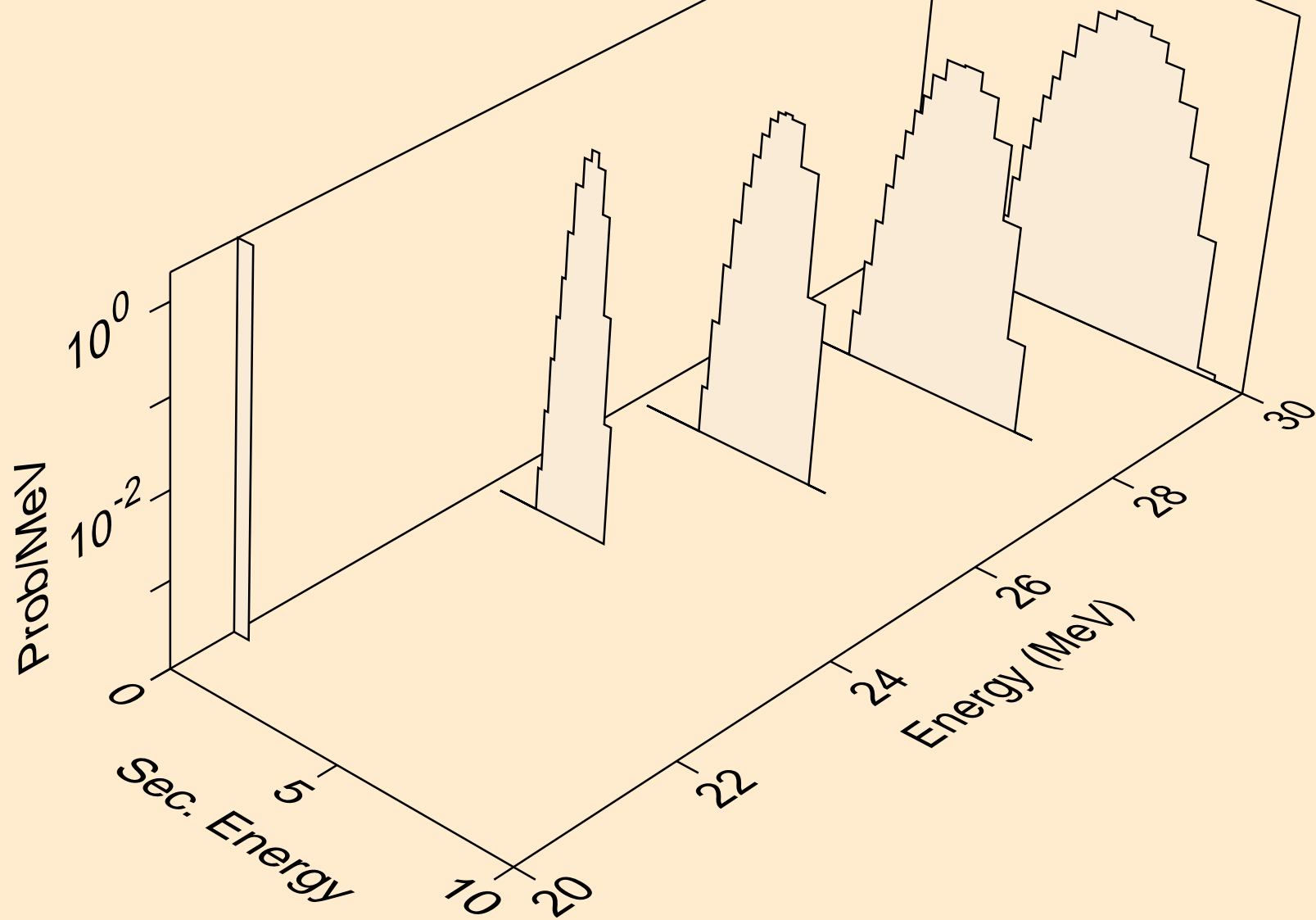
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

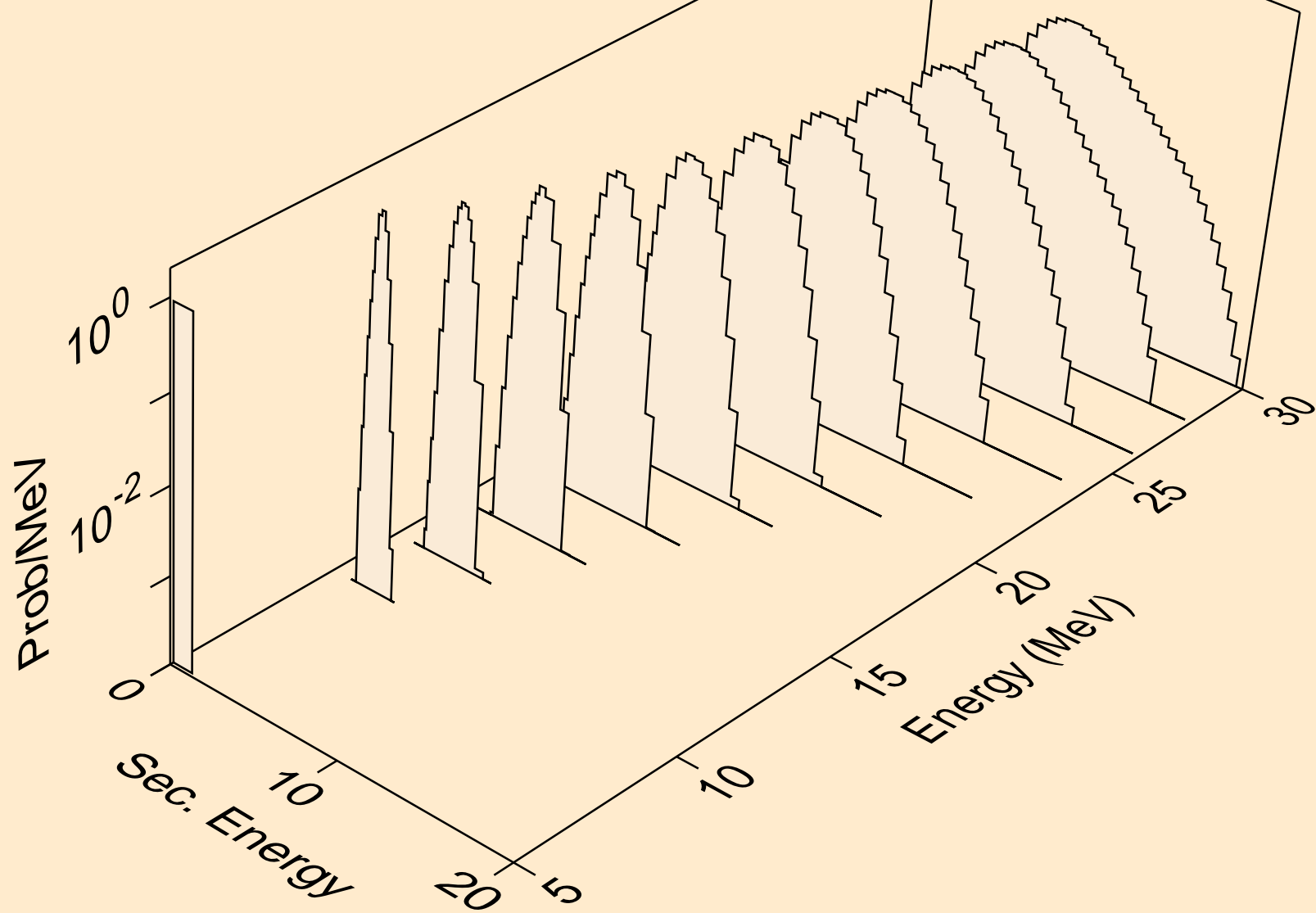


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

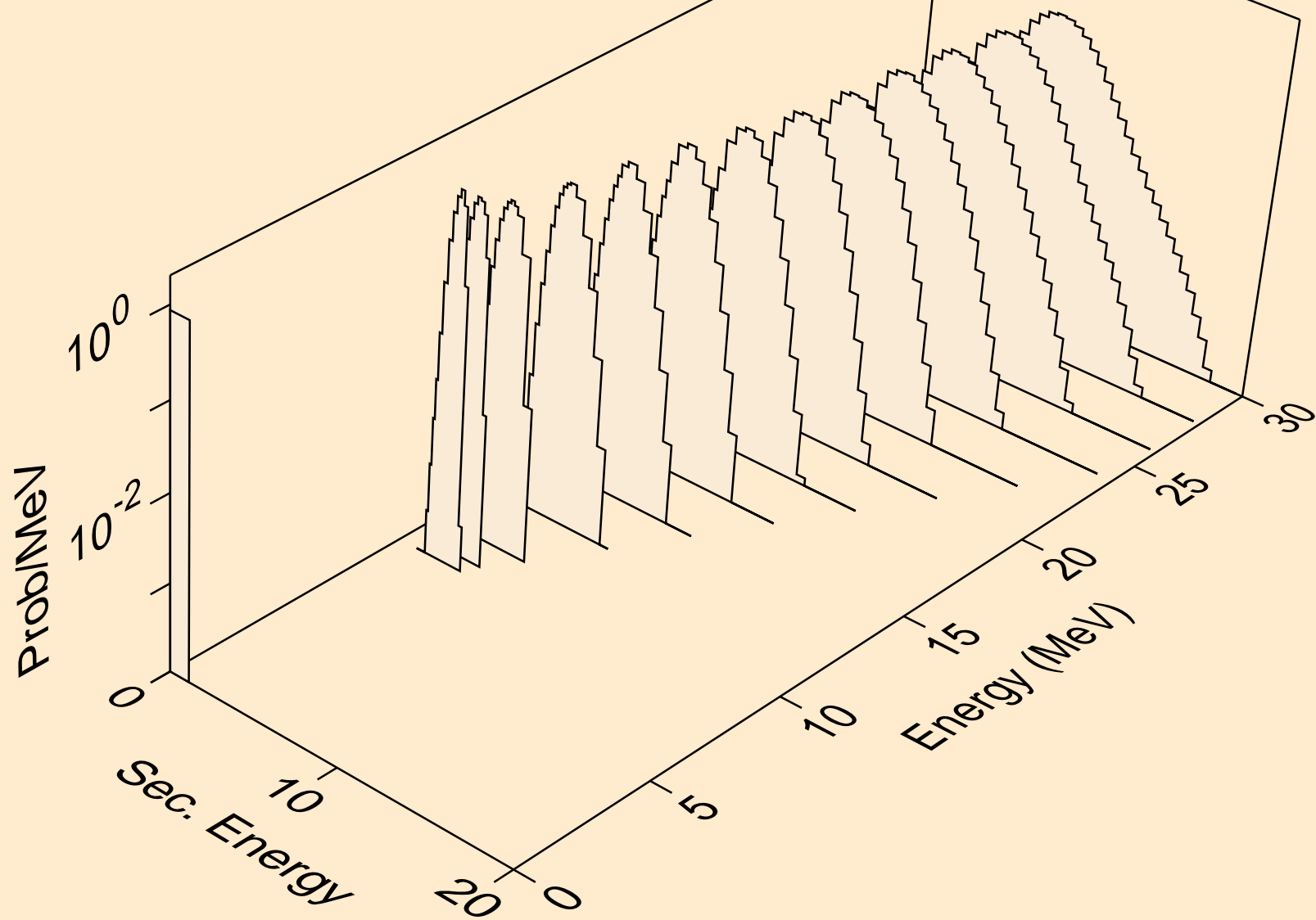




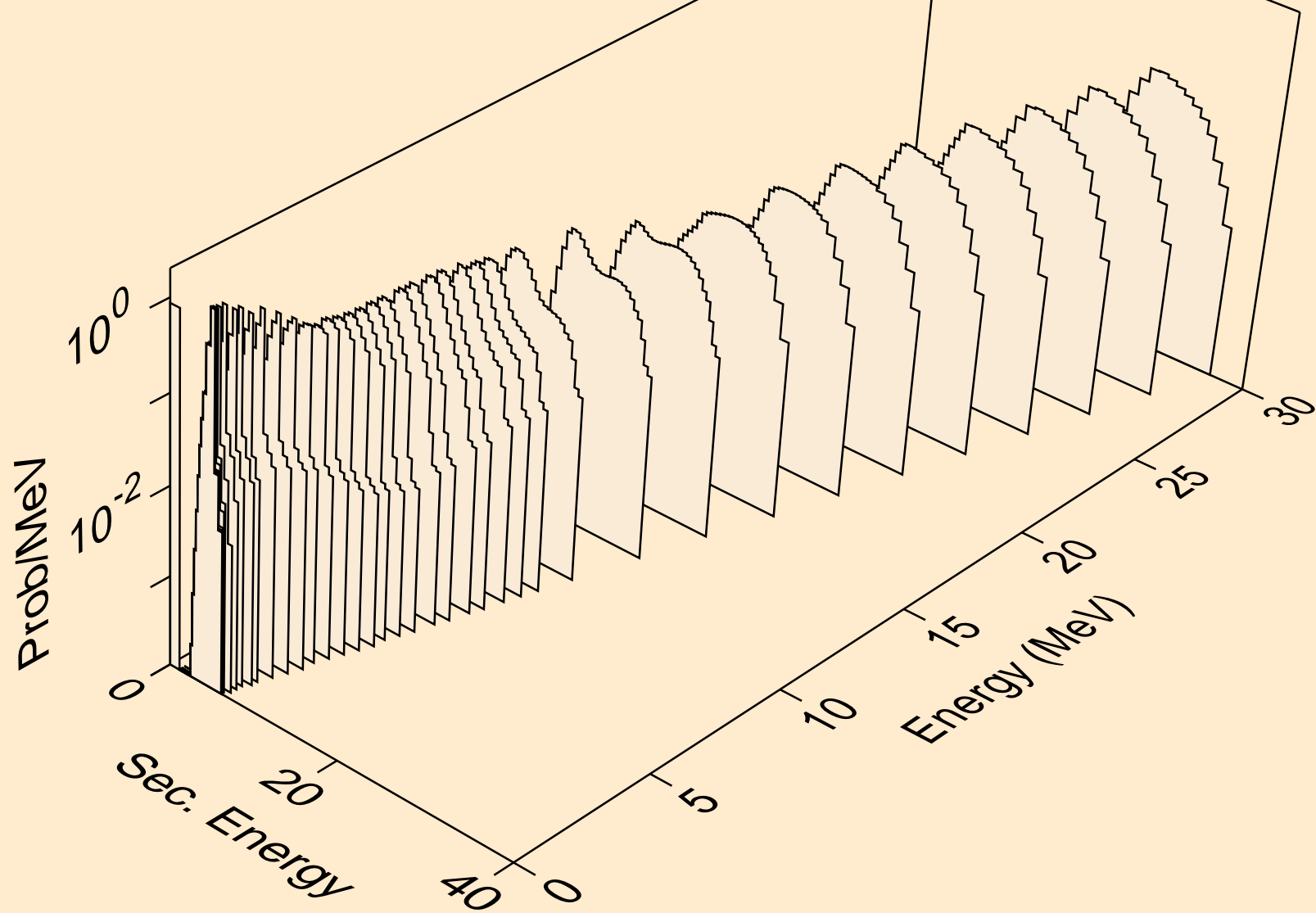
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



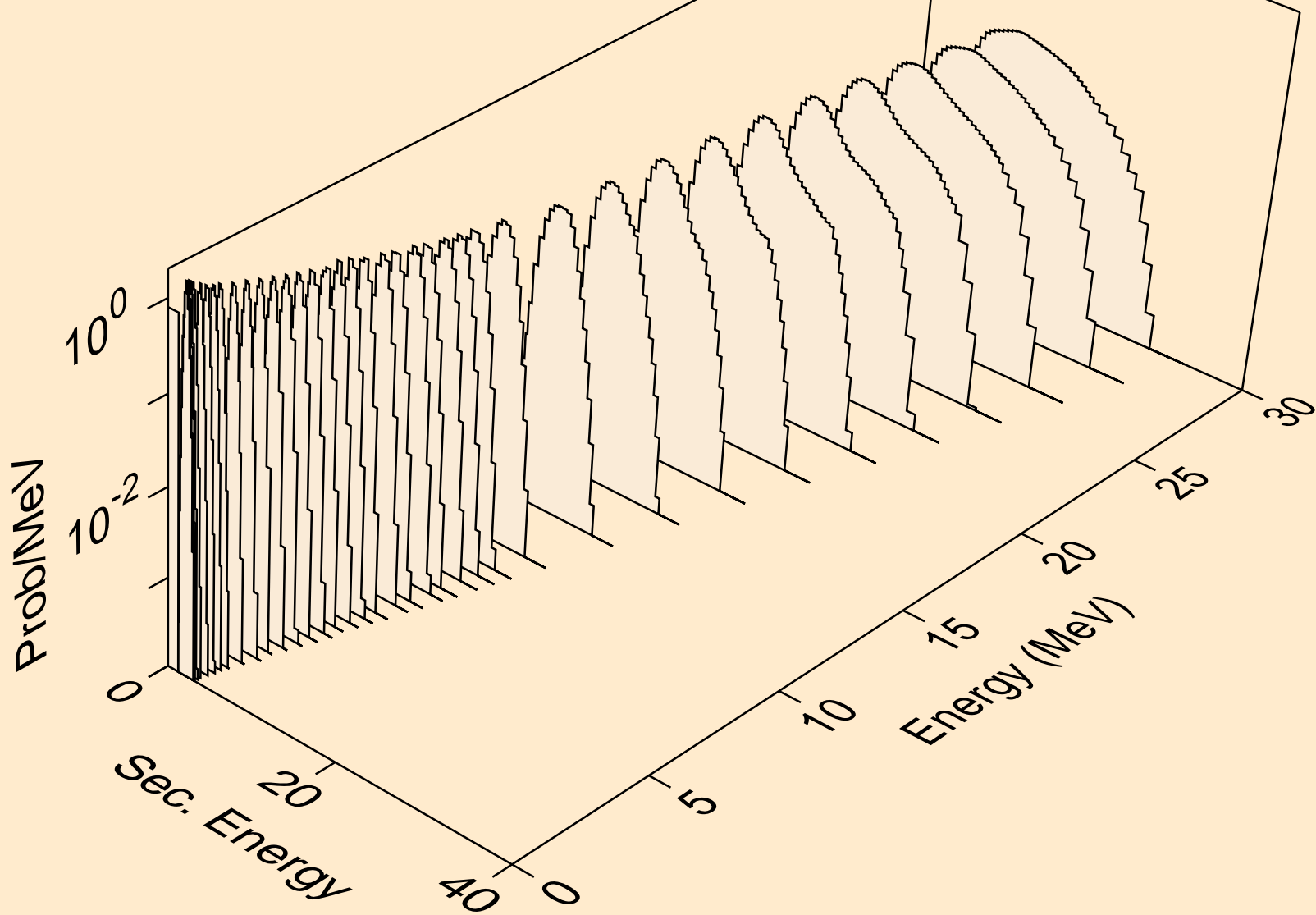
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



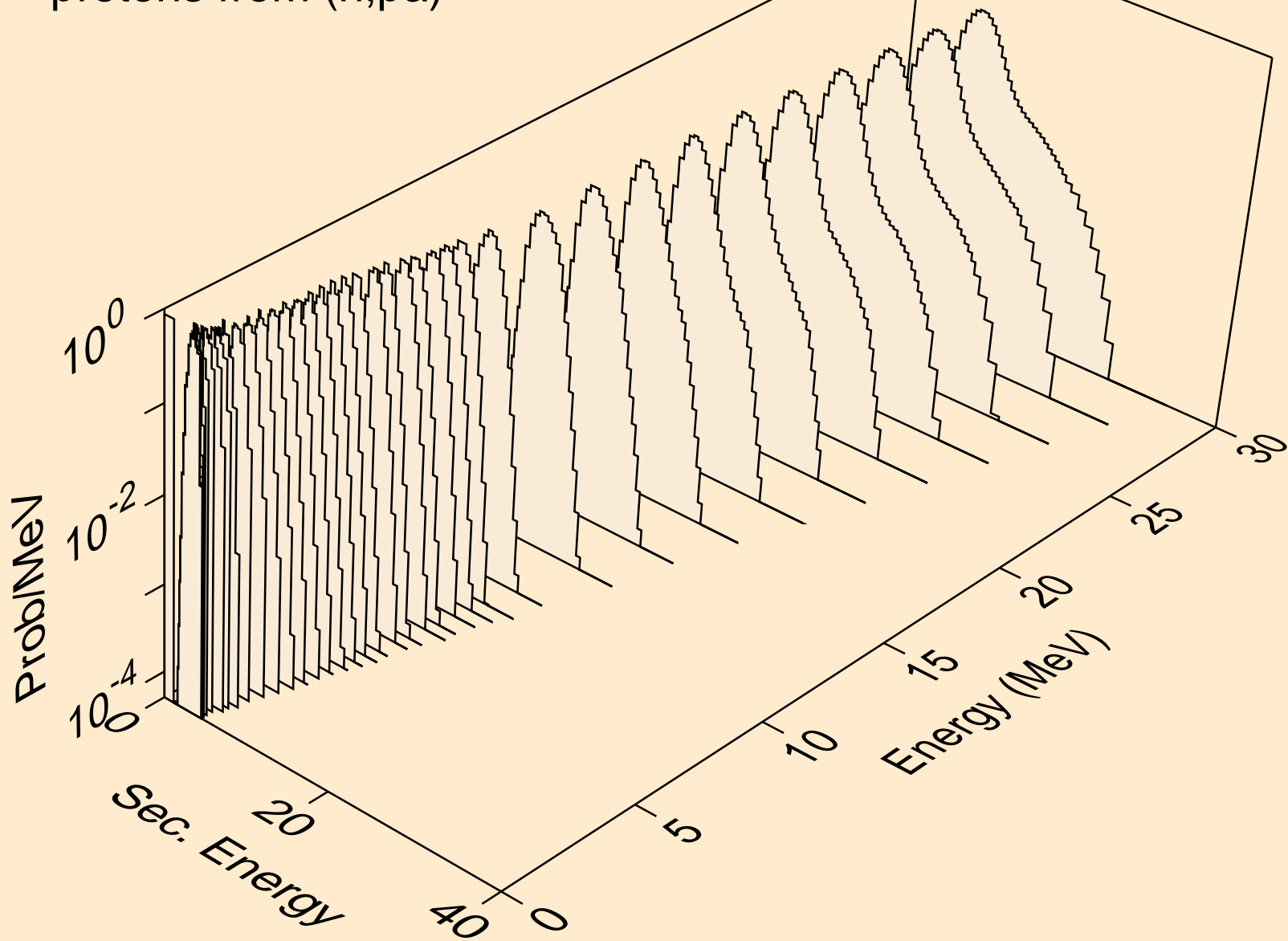
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



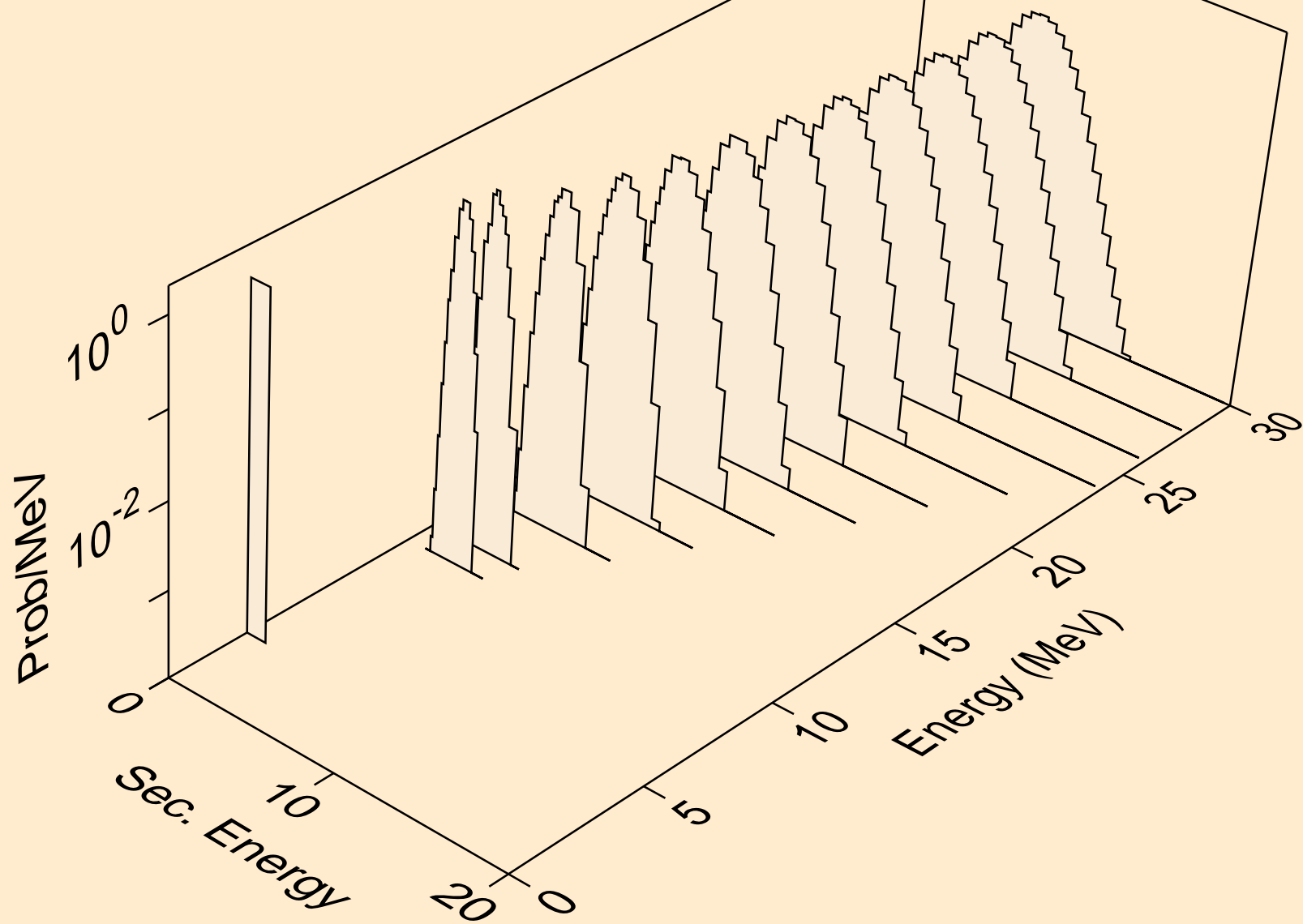
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



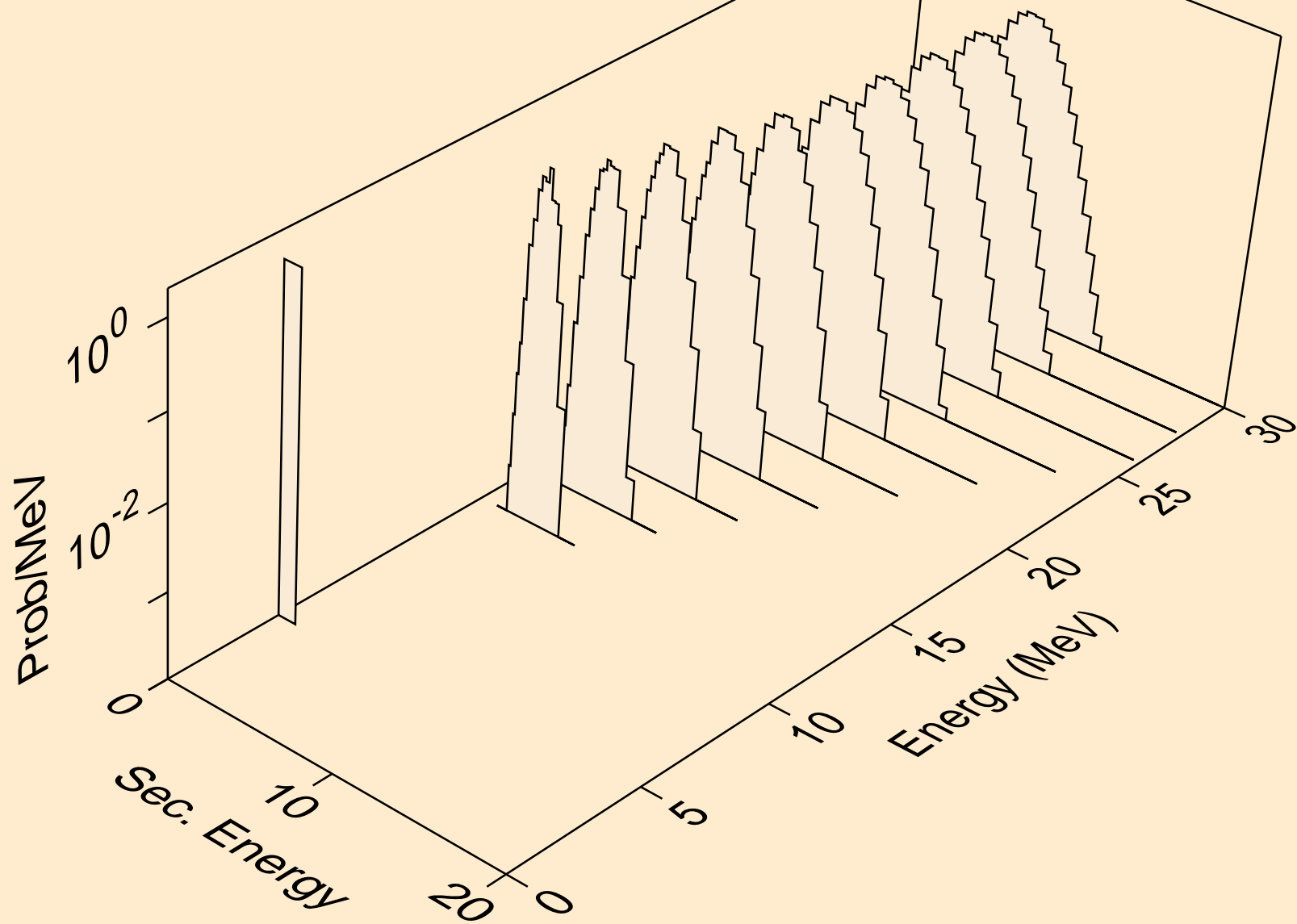
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



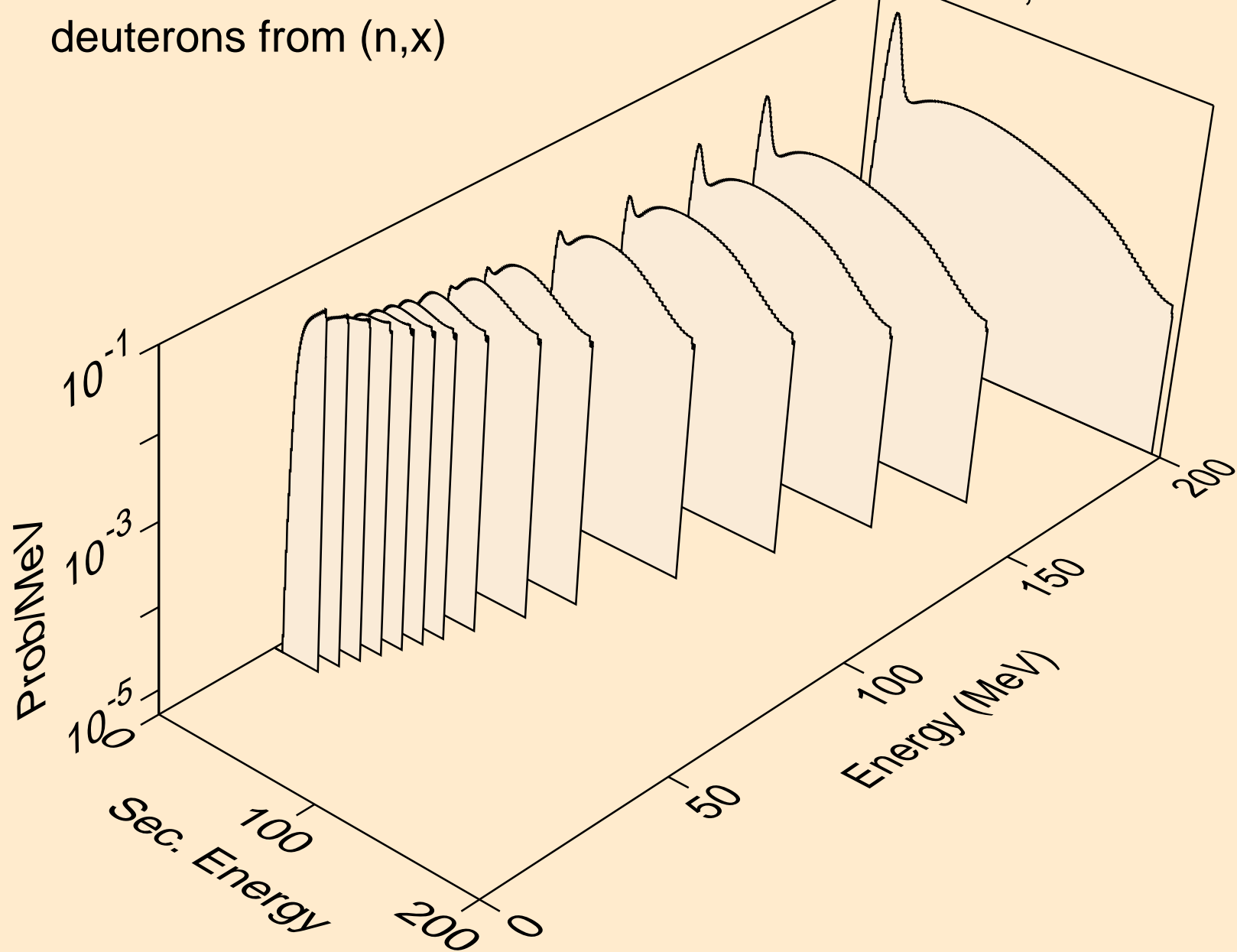
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)

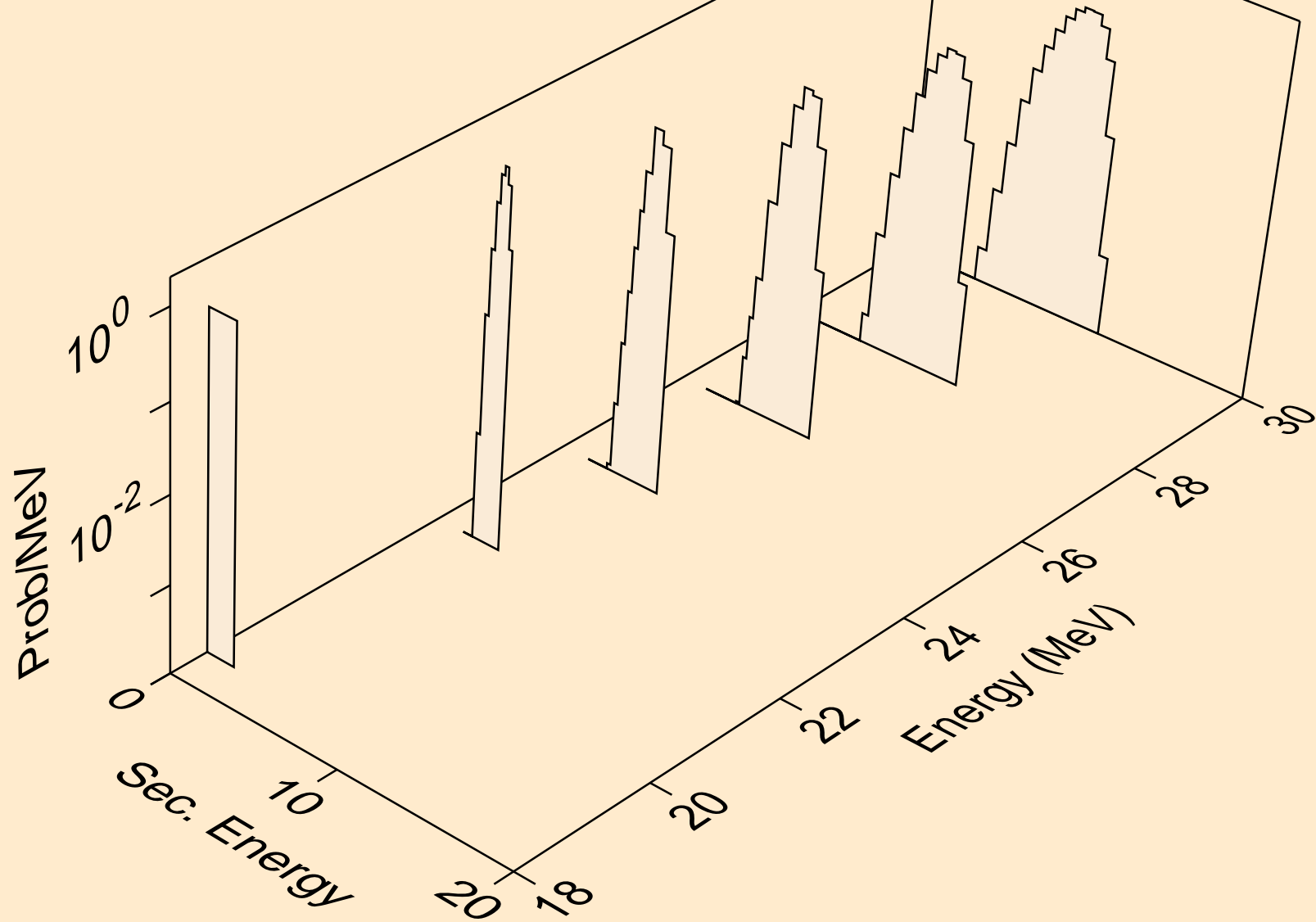


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

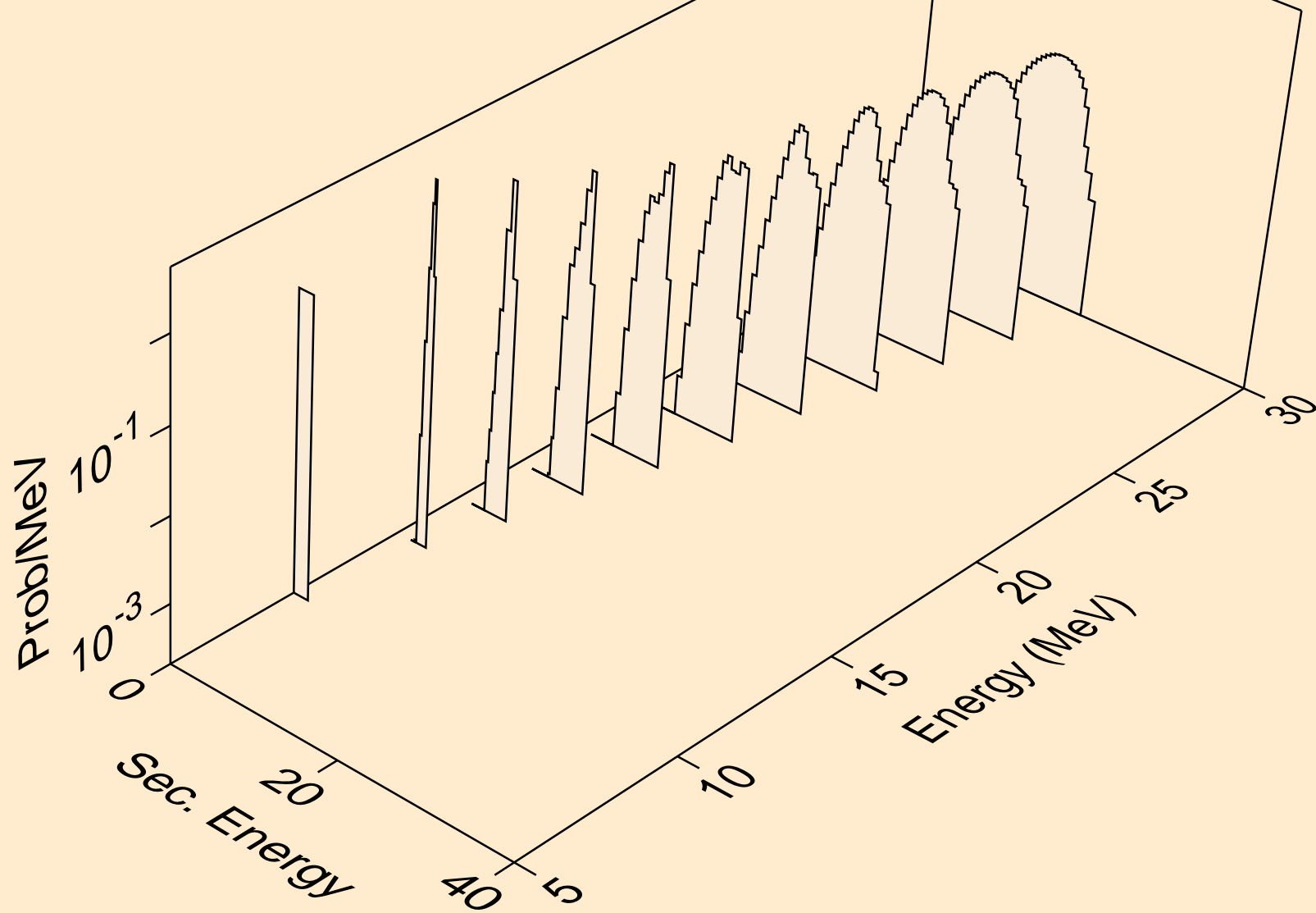




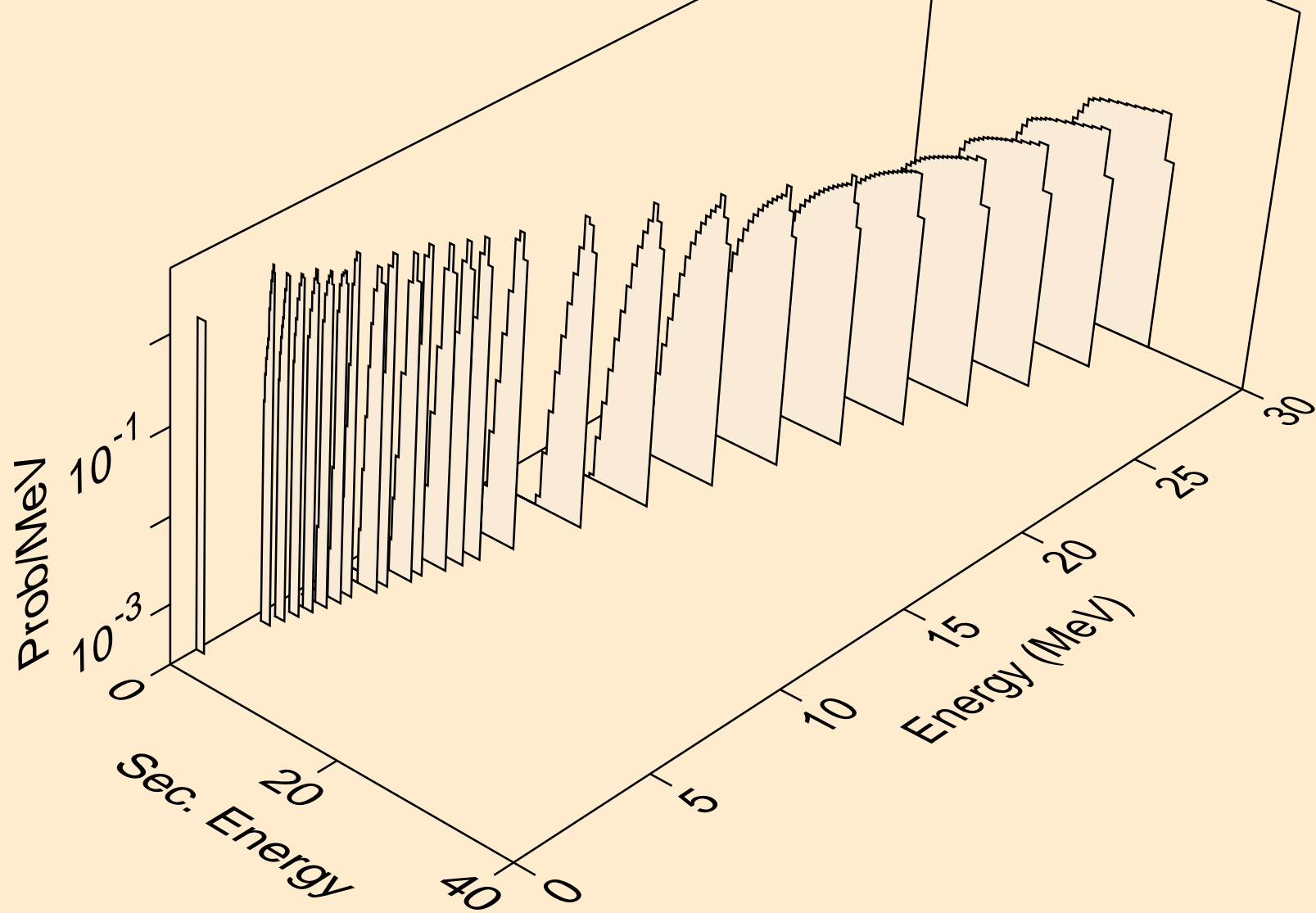
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



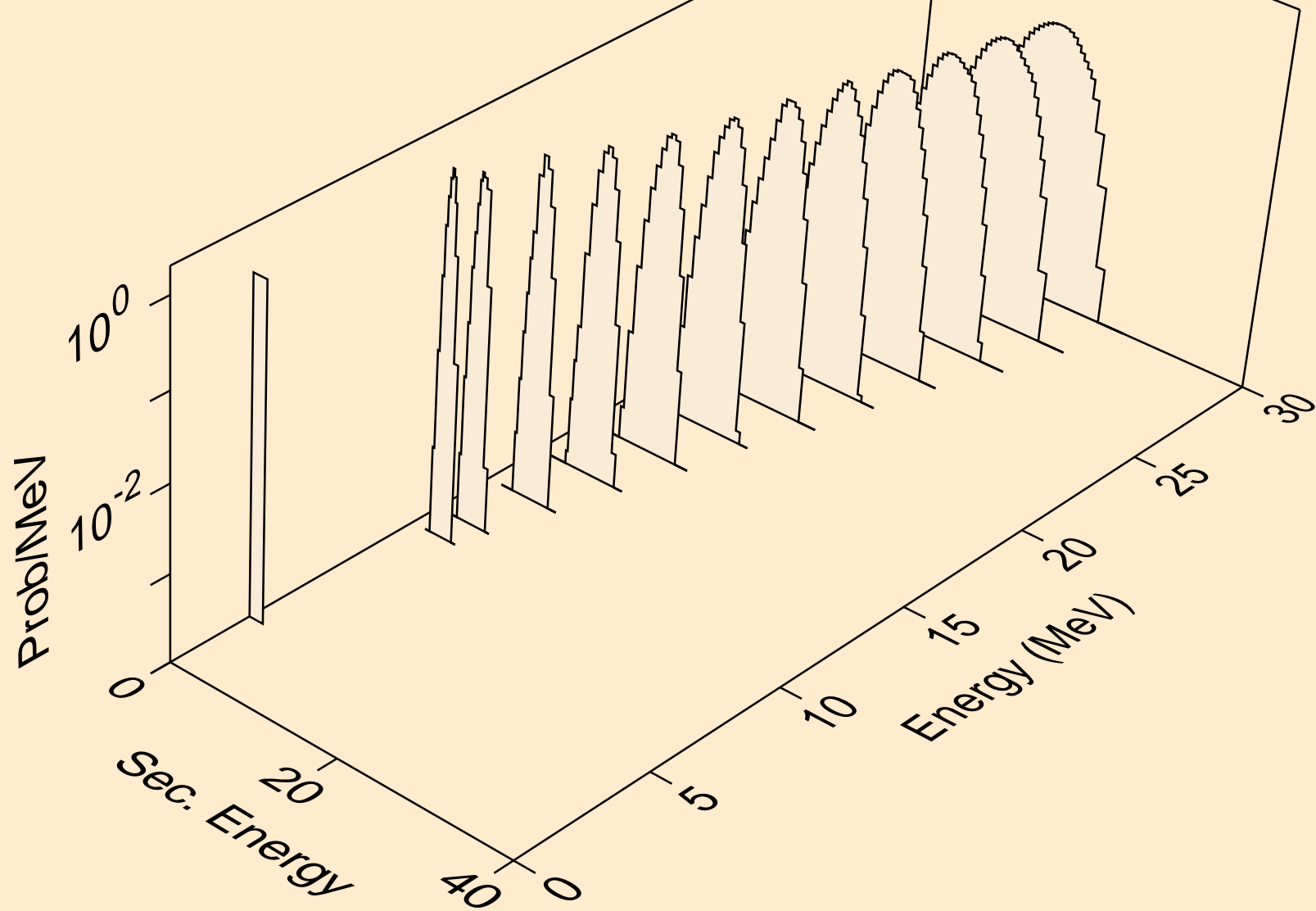
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



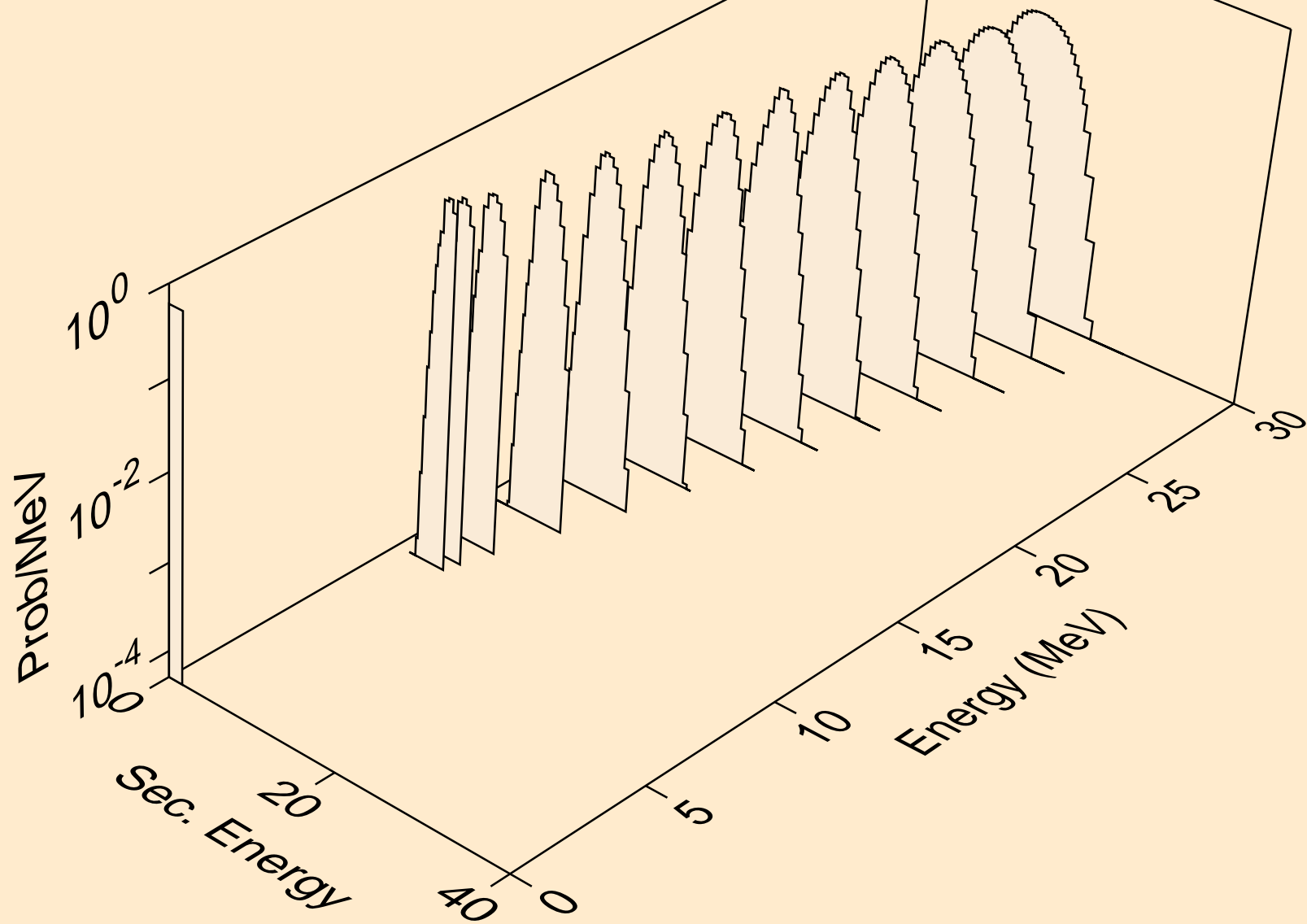
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



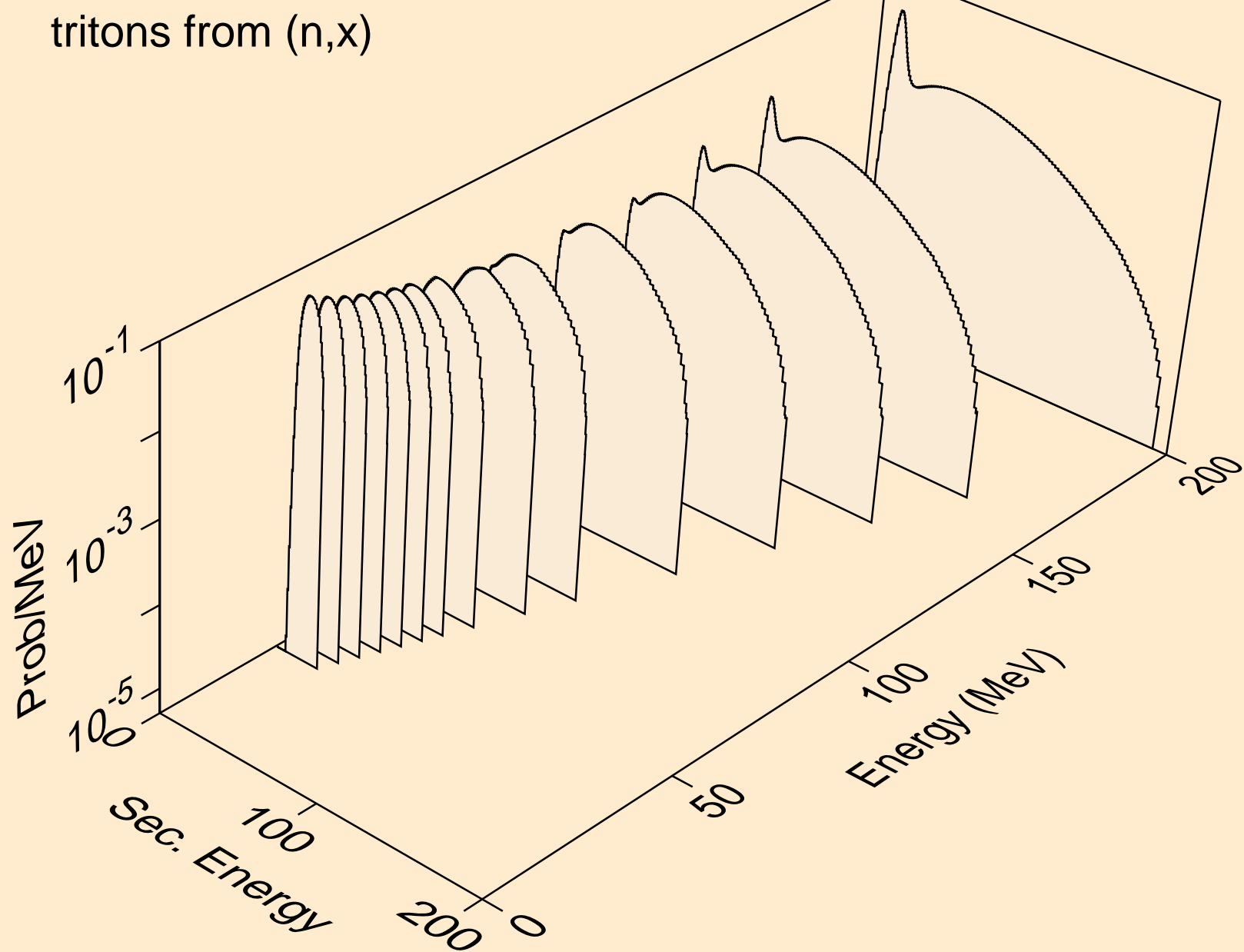
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



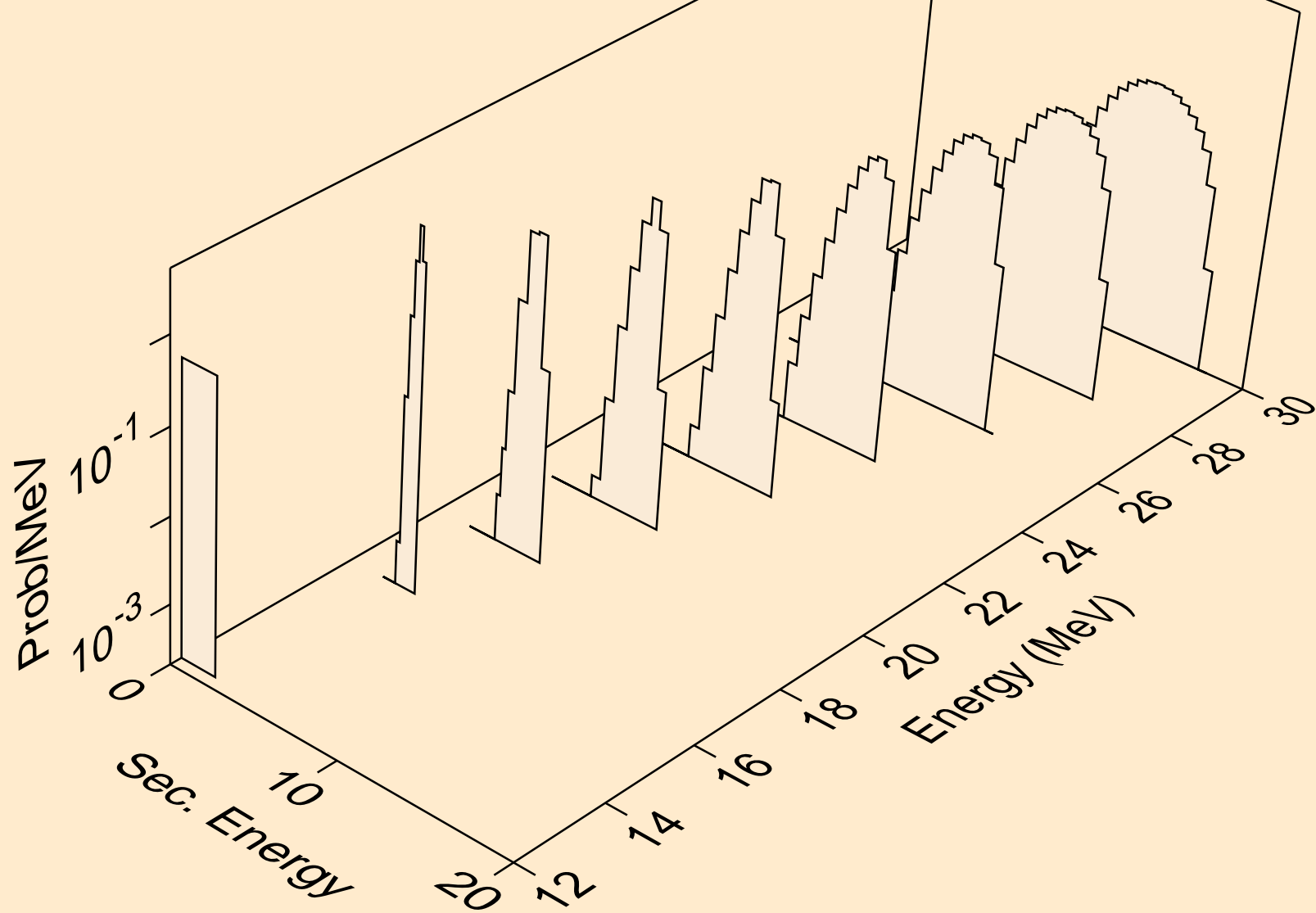
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



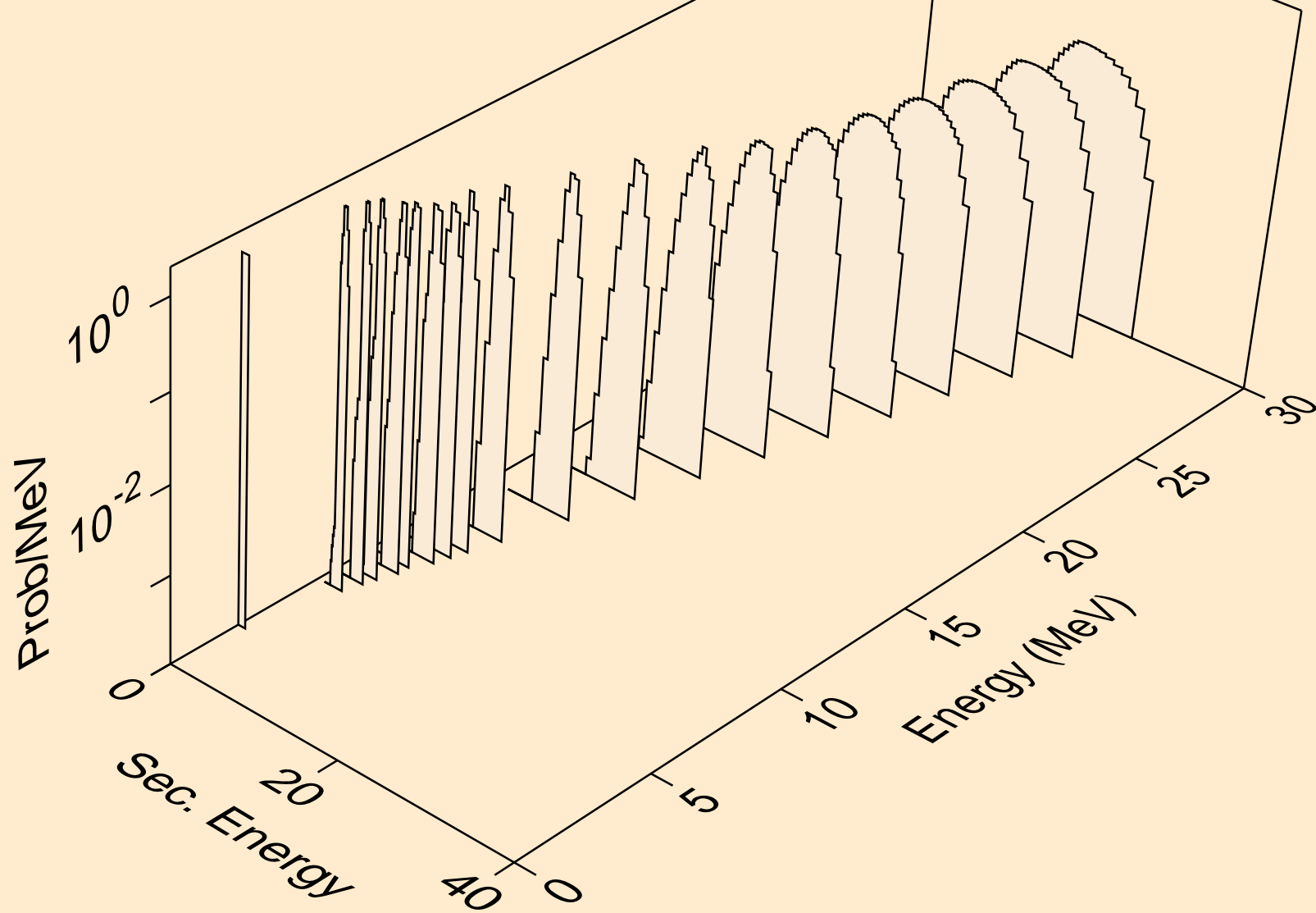
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

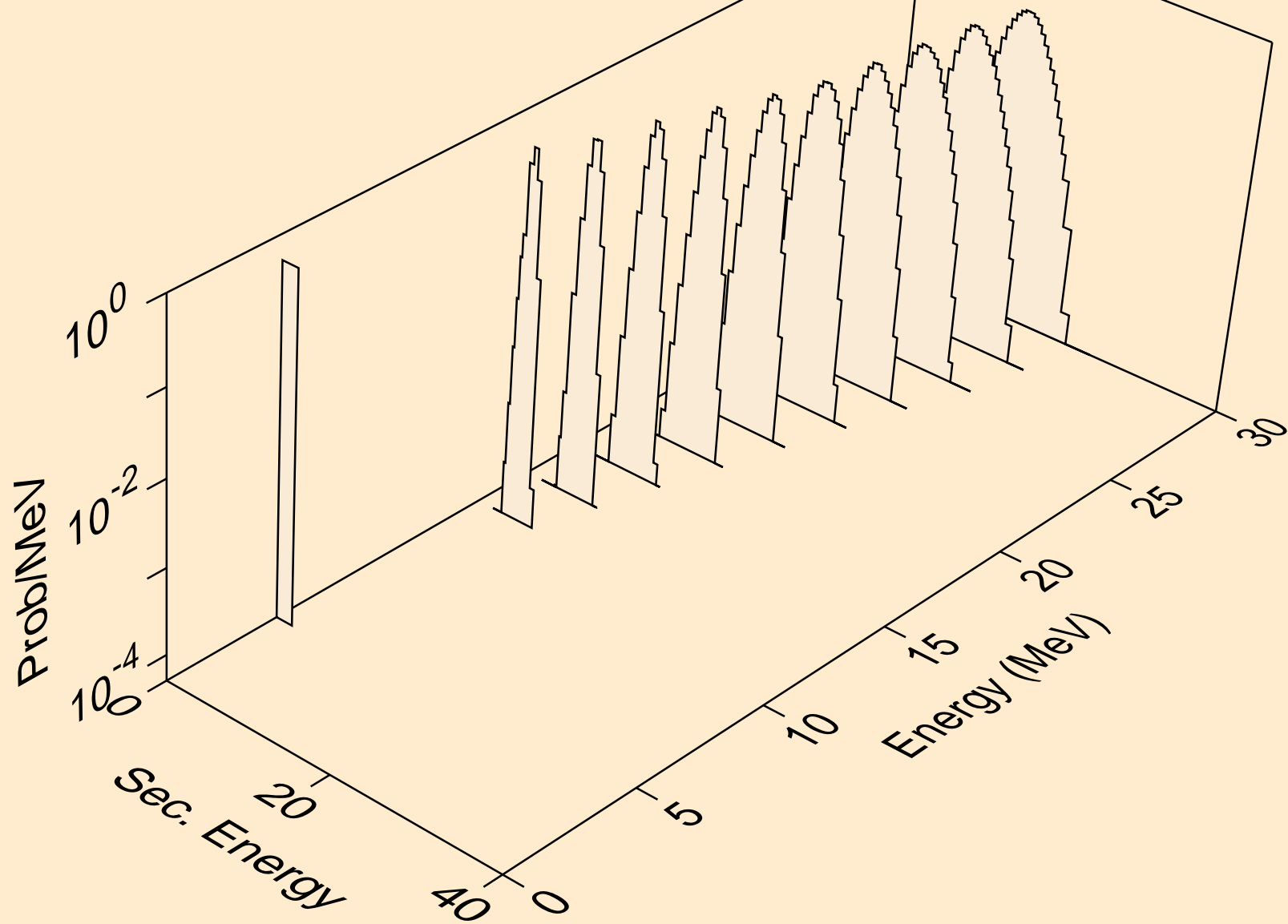


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

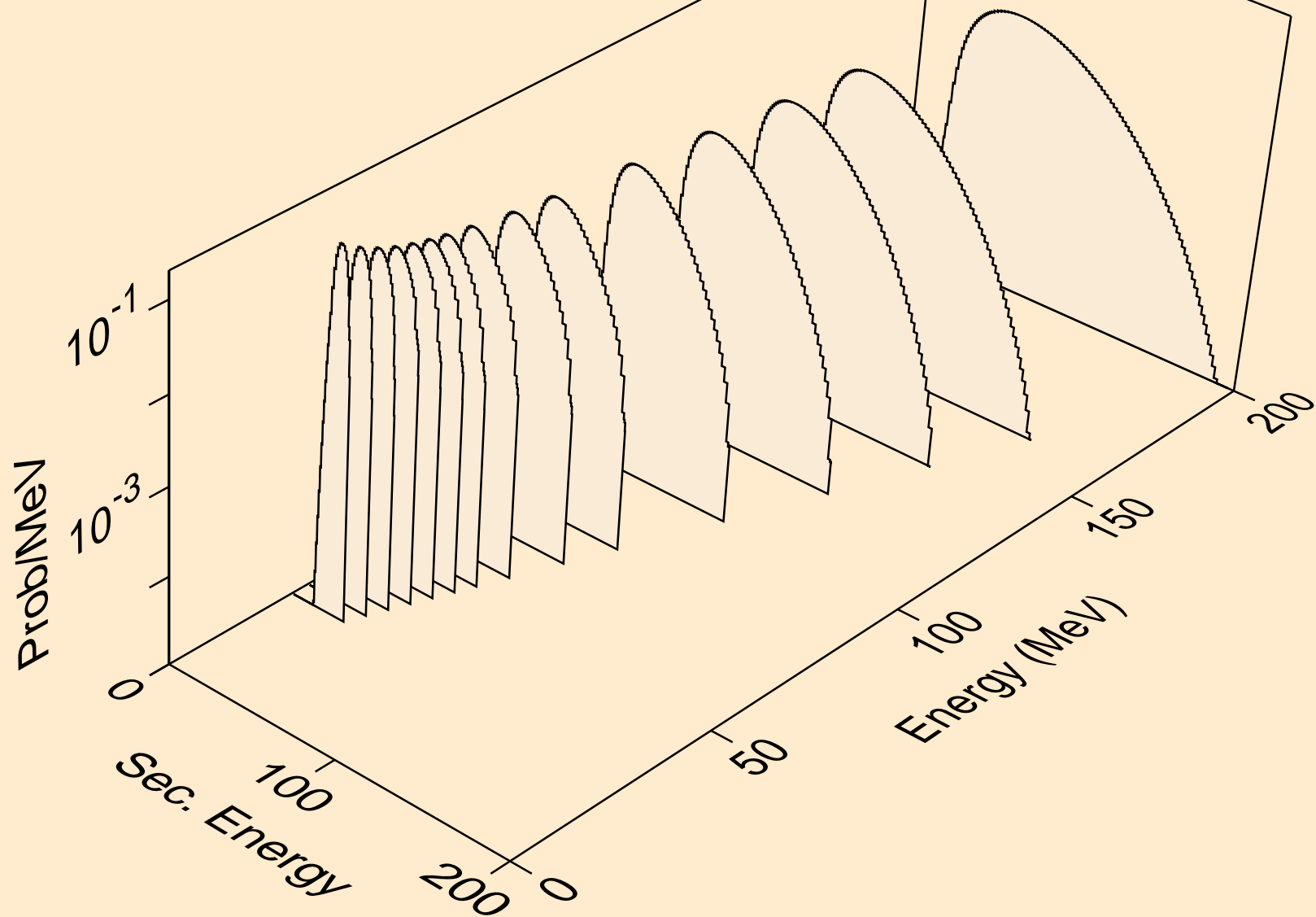




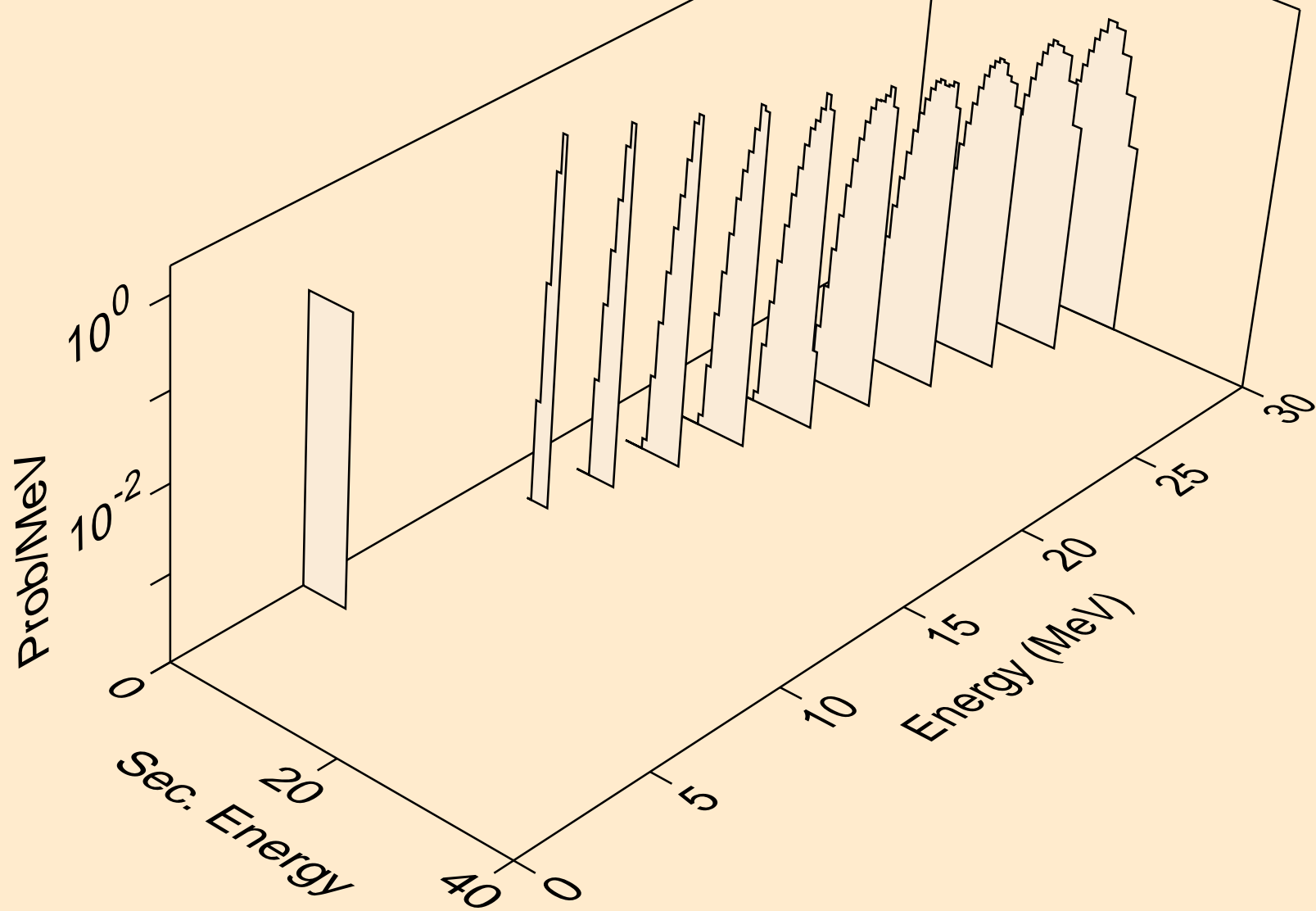
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



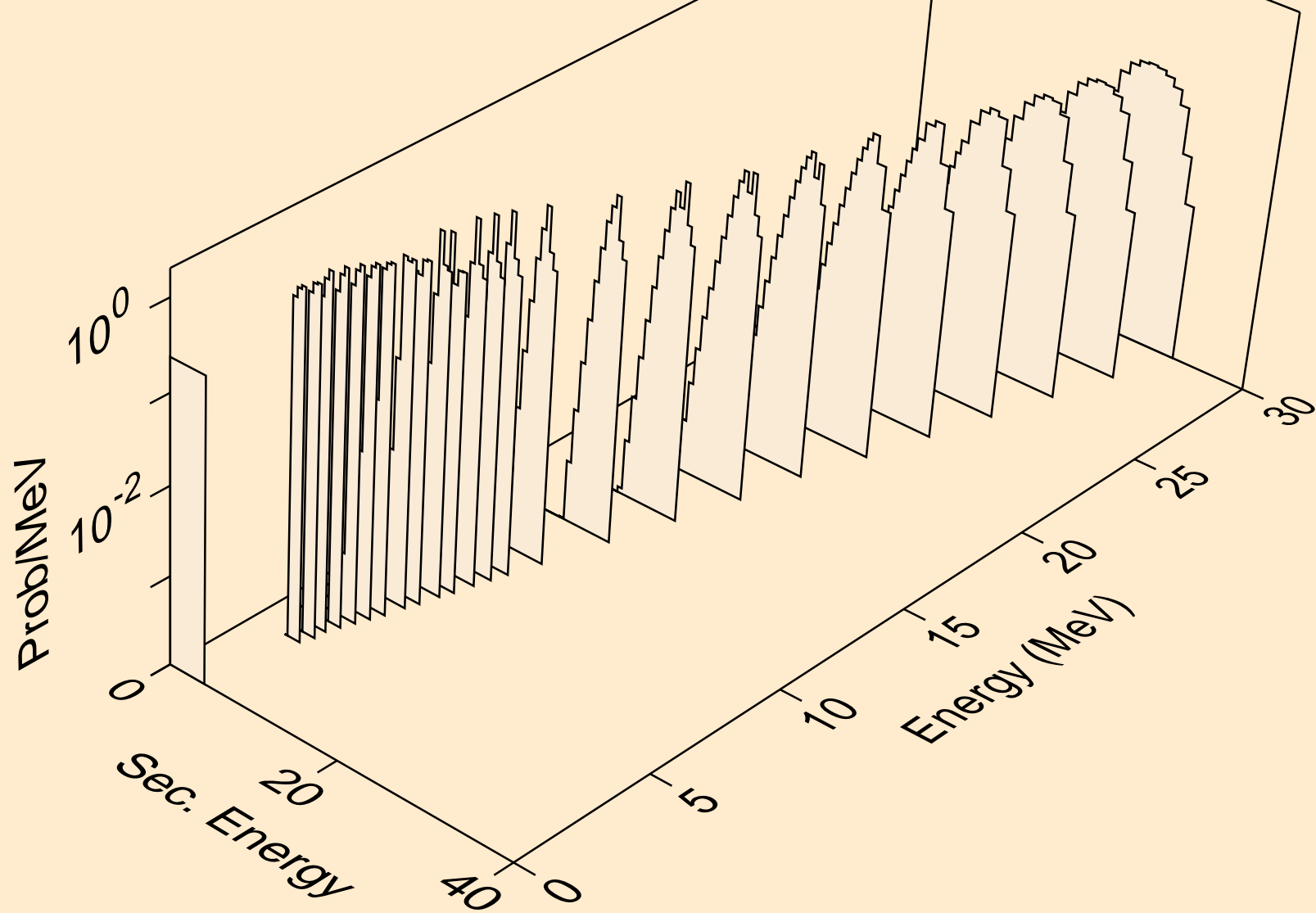
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



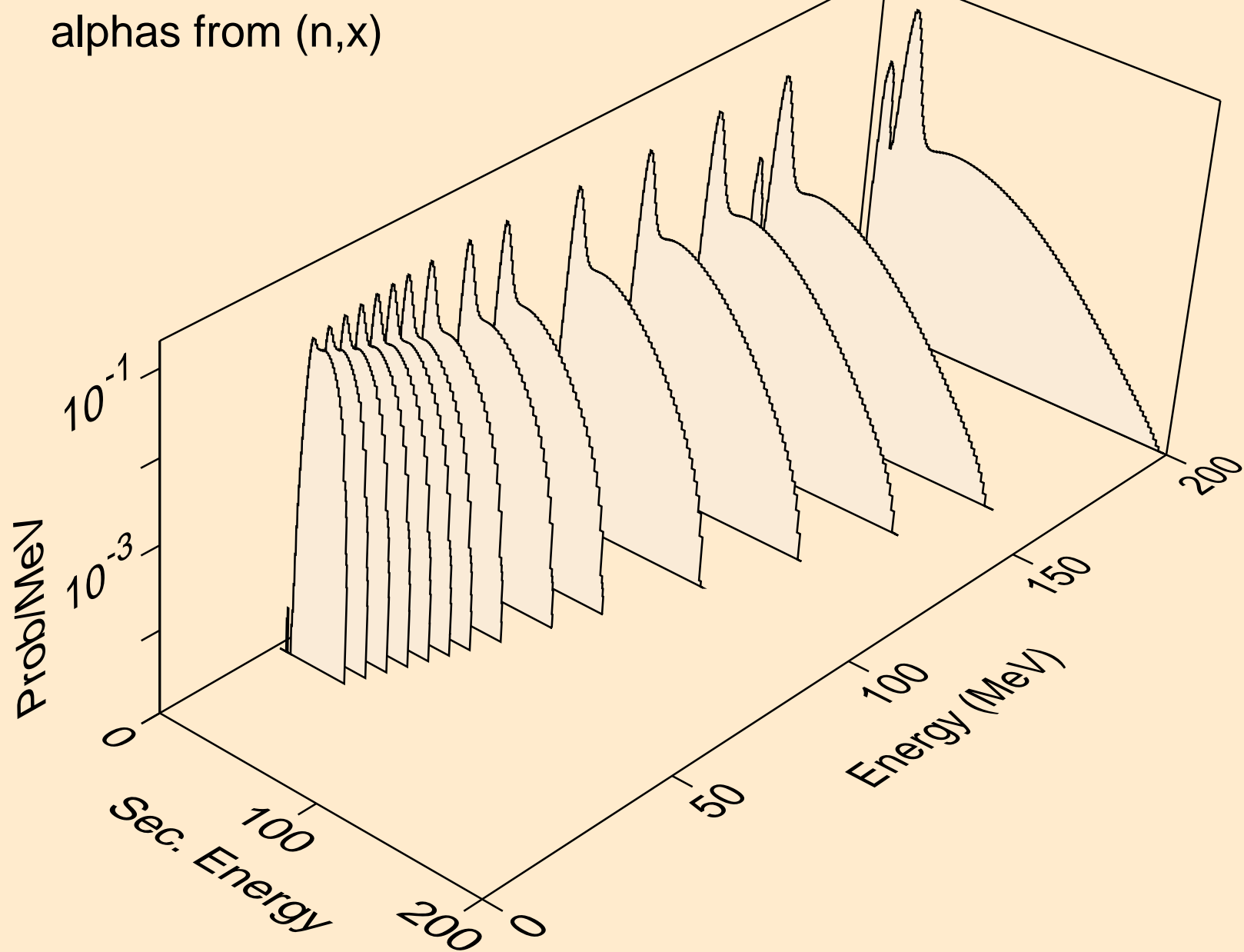
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



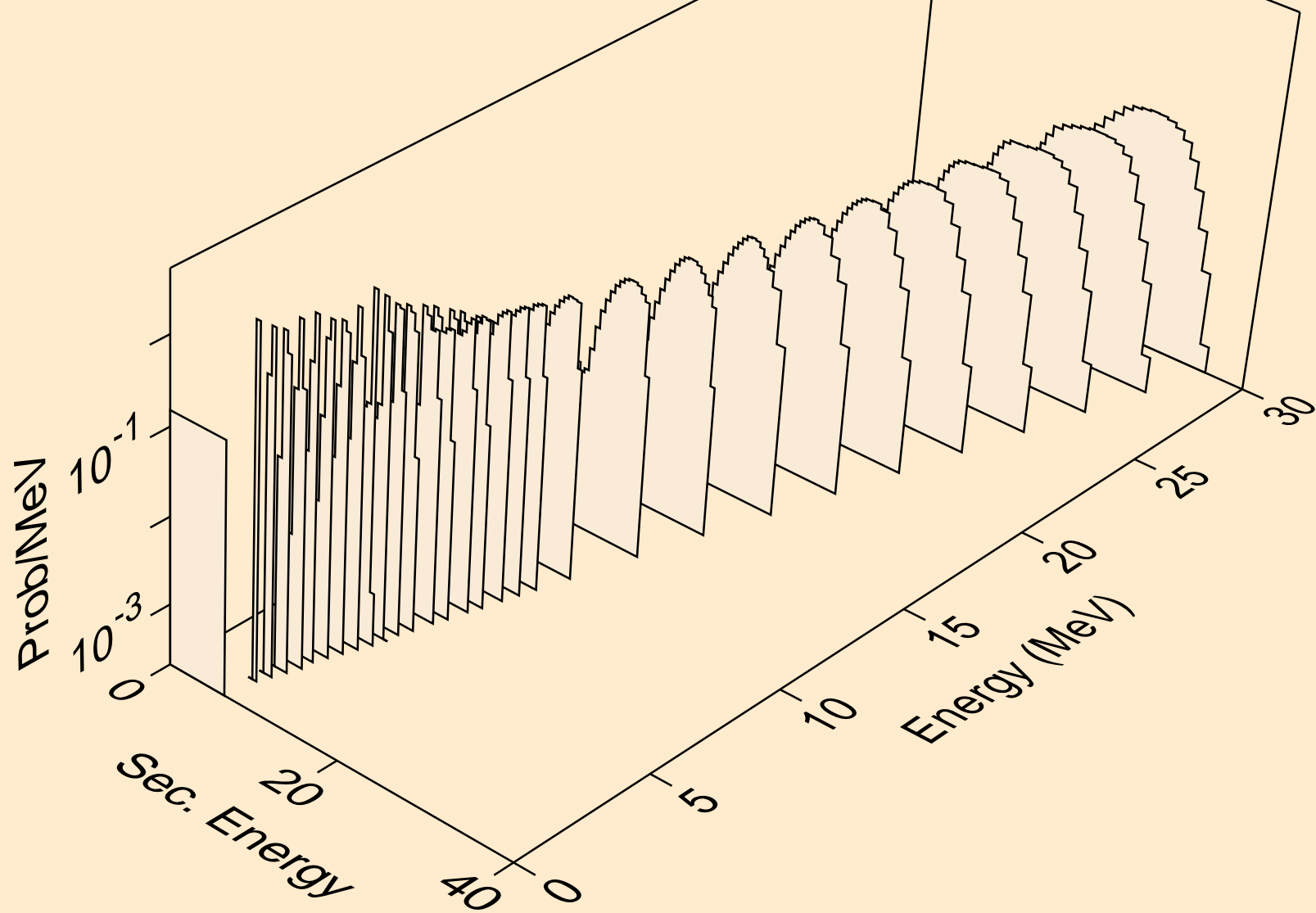
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



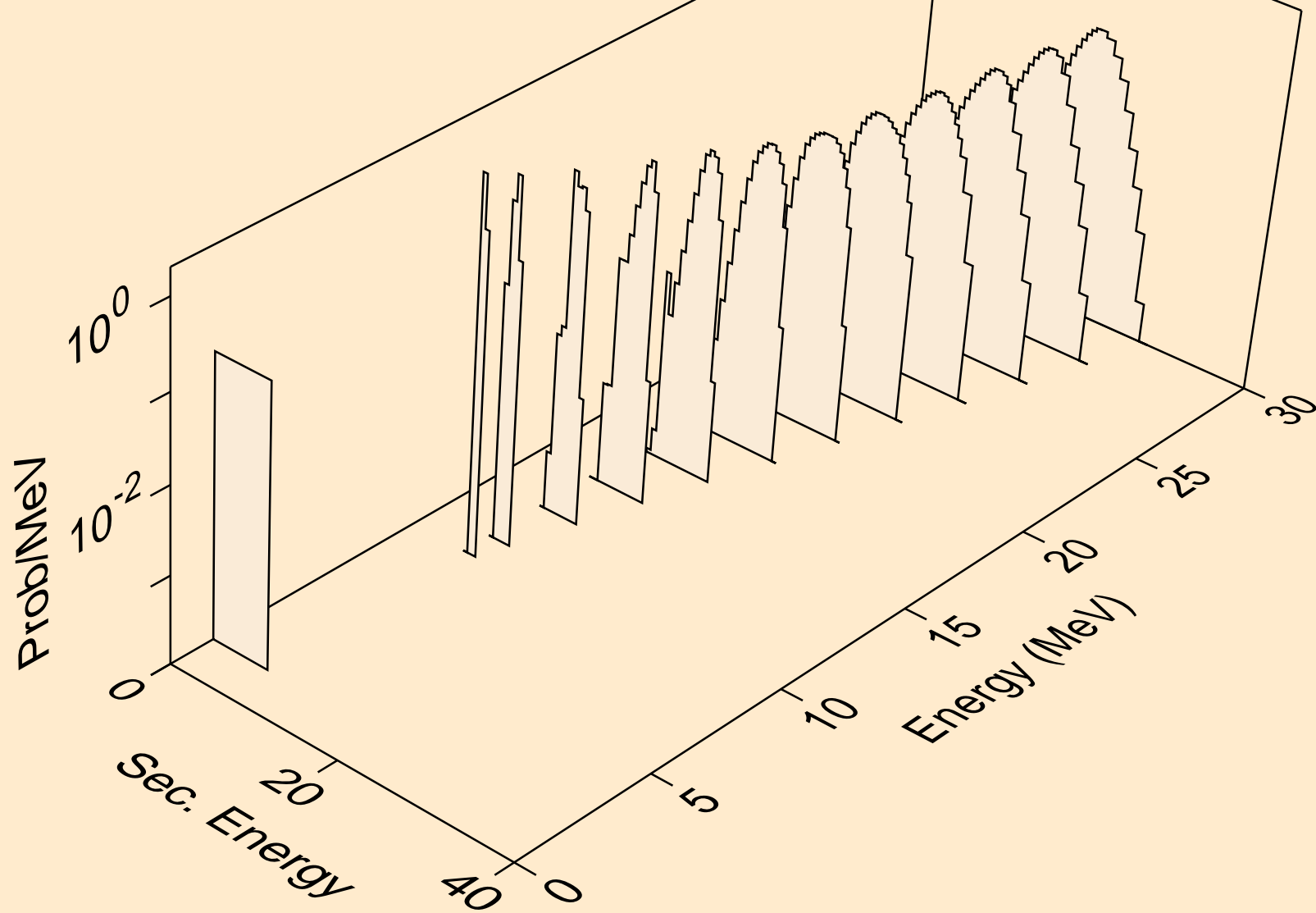
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



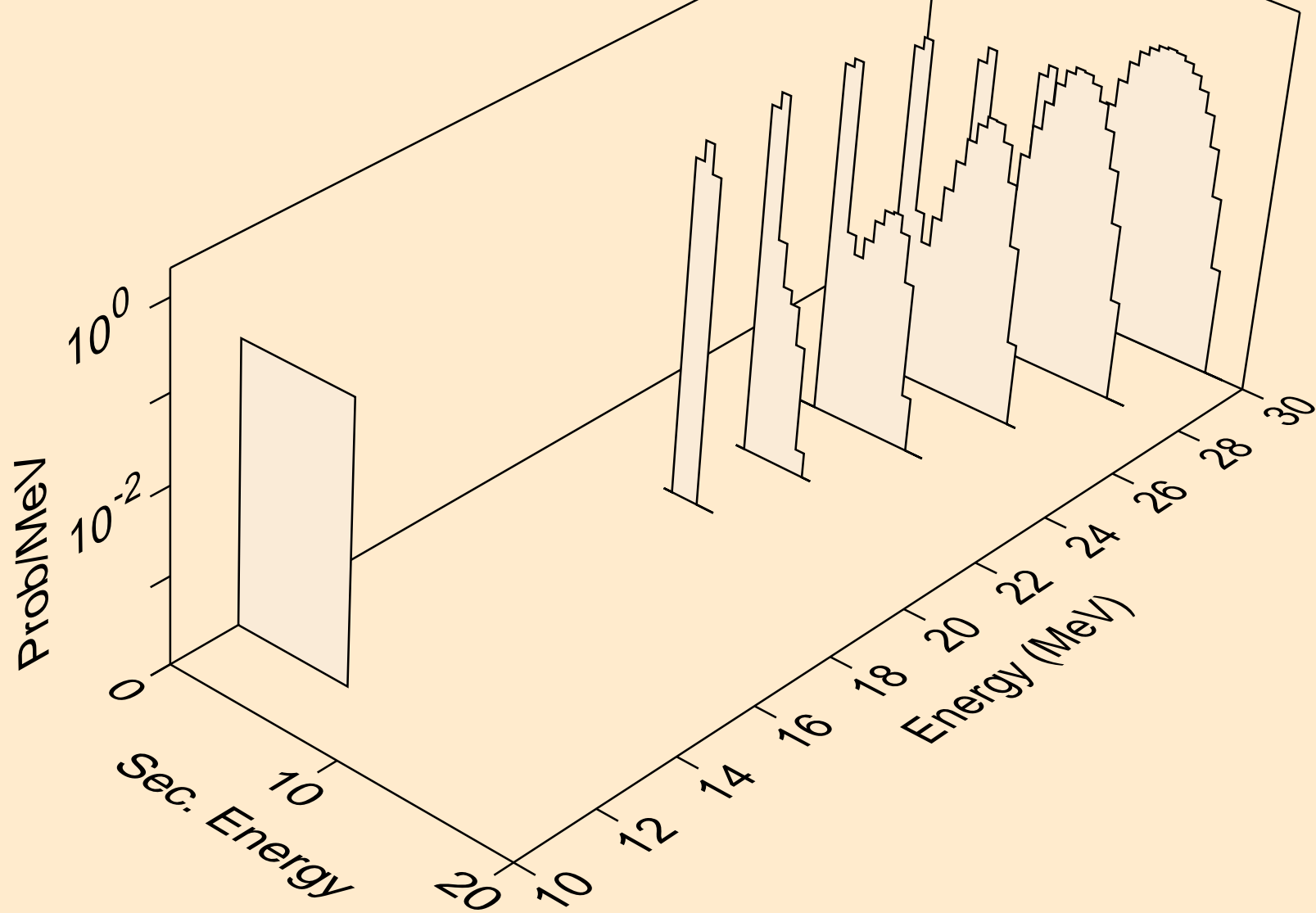
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a

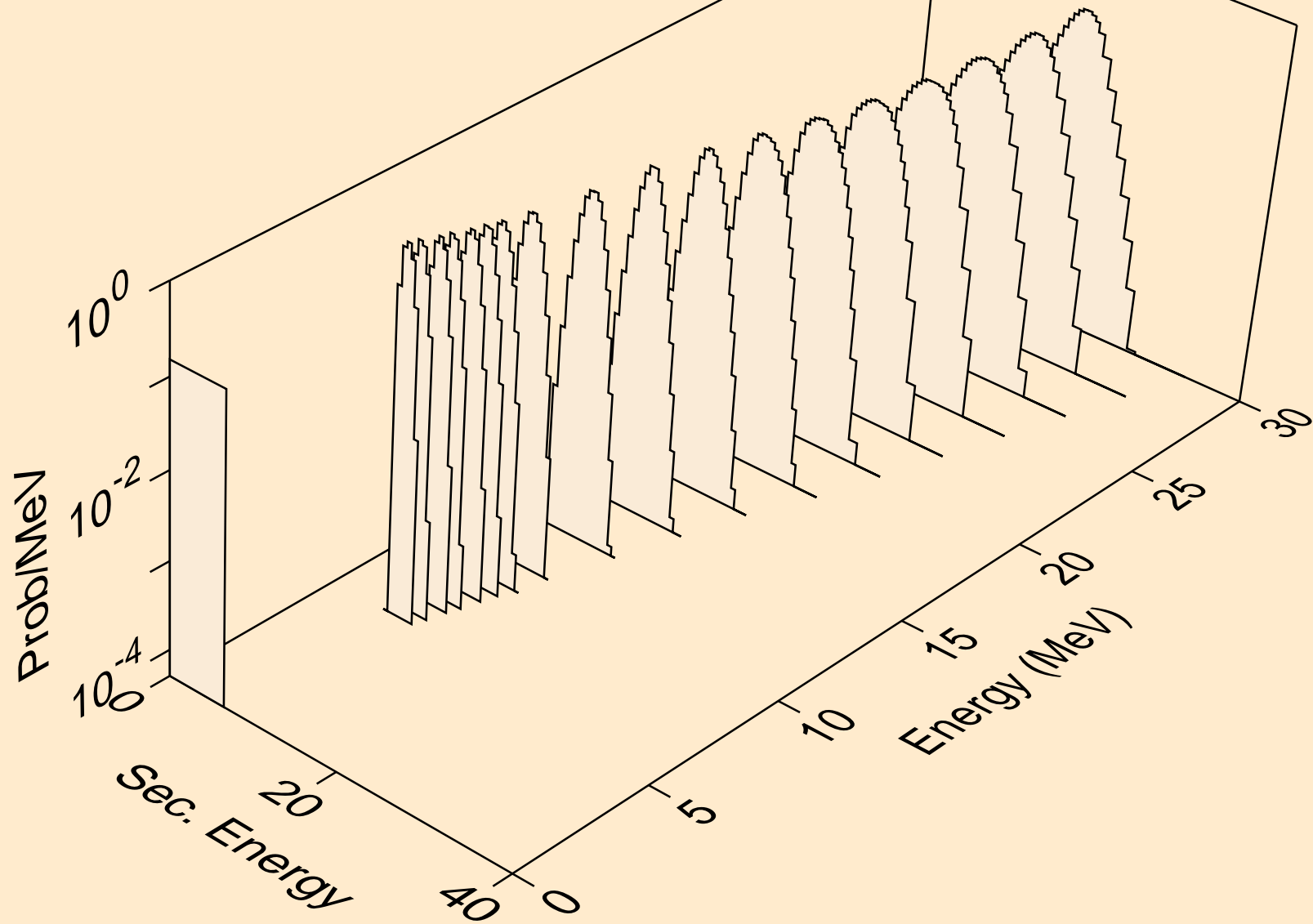


PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

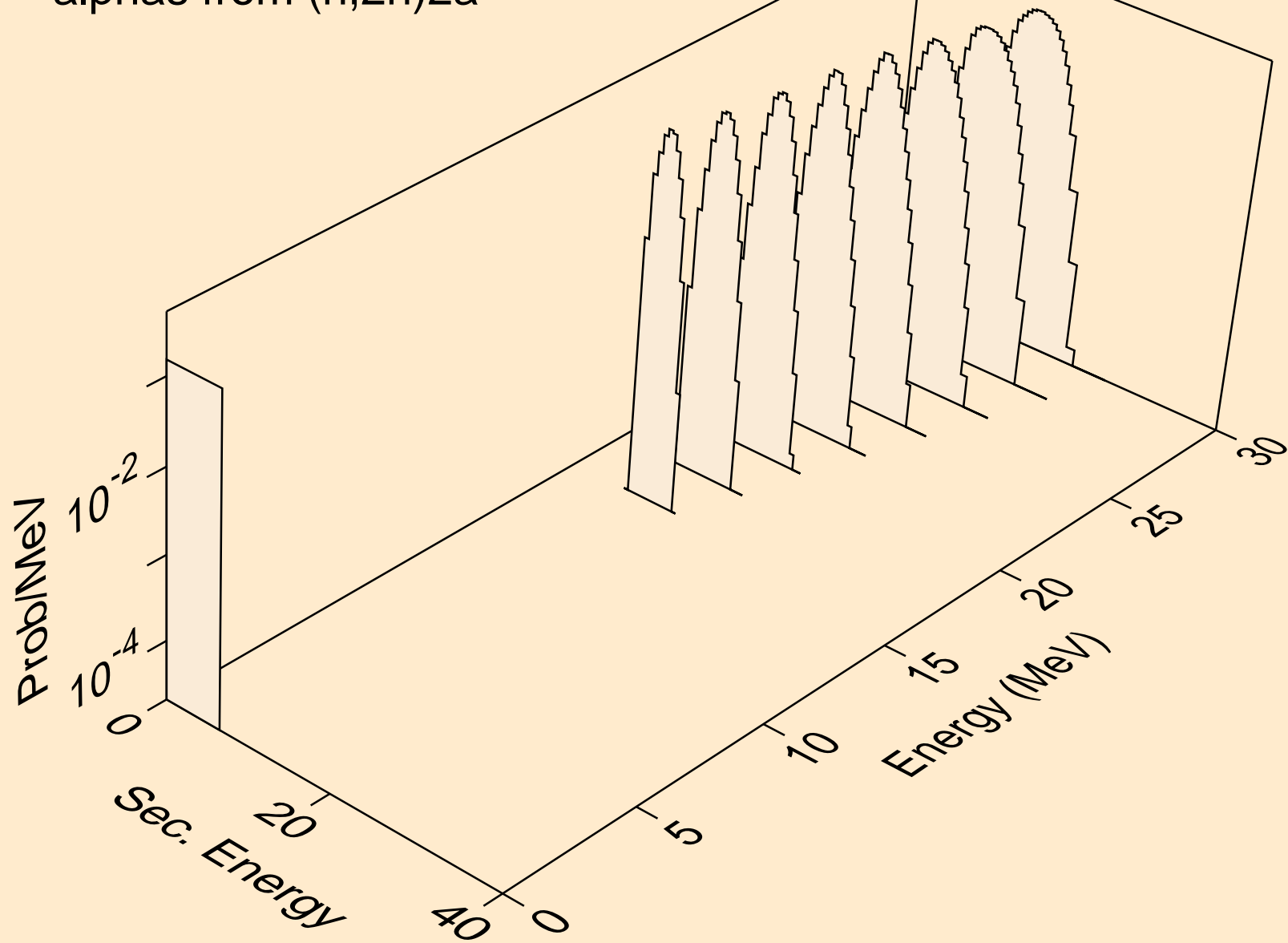




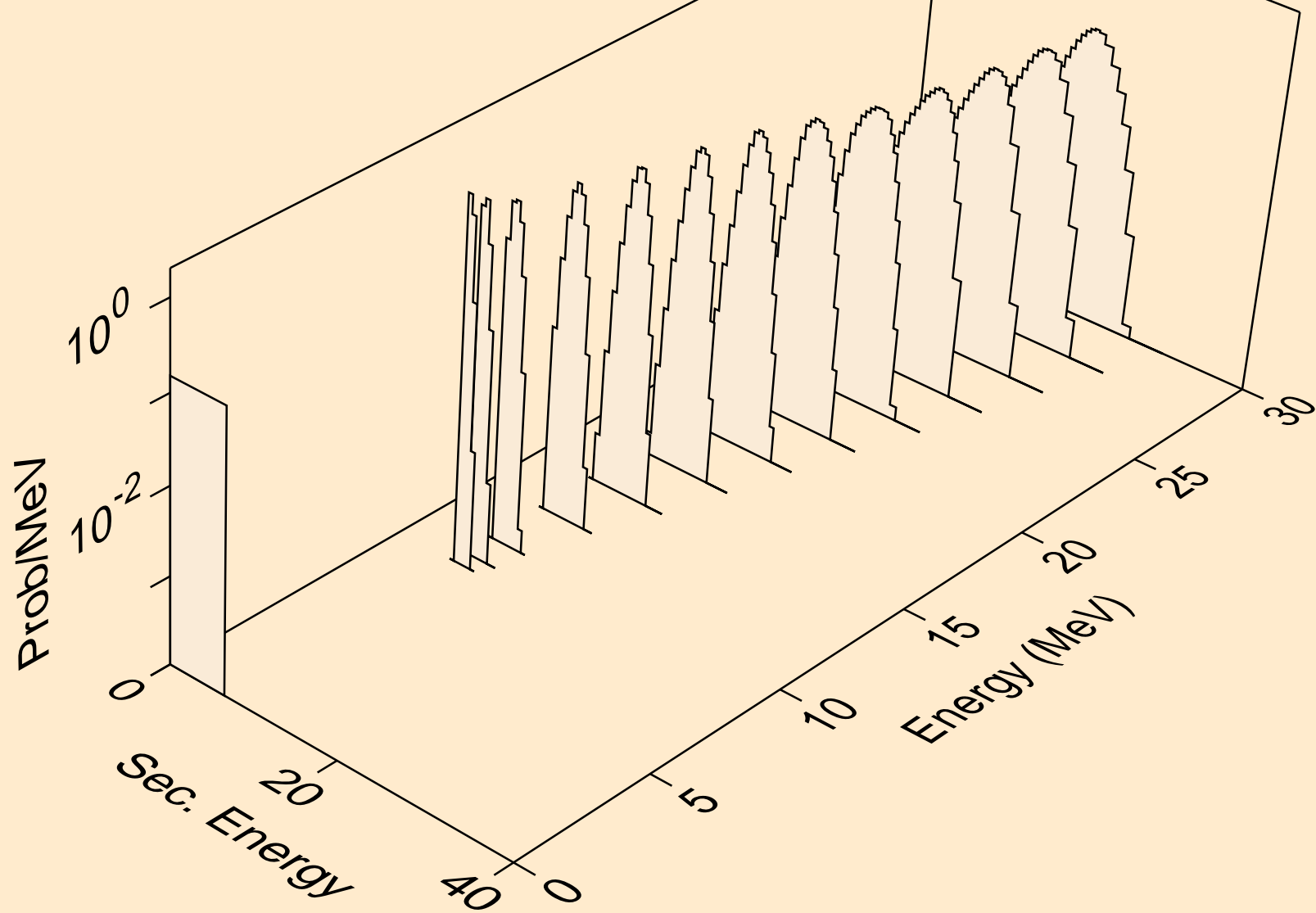
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



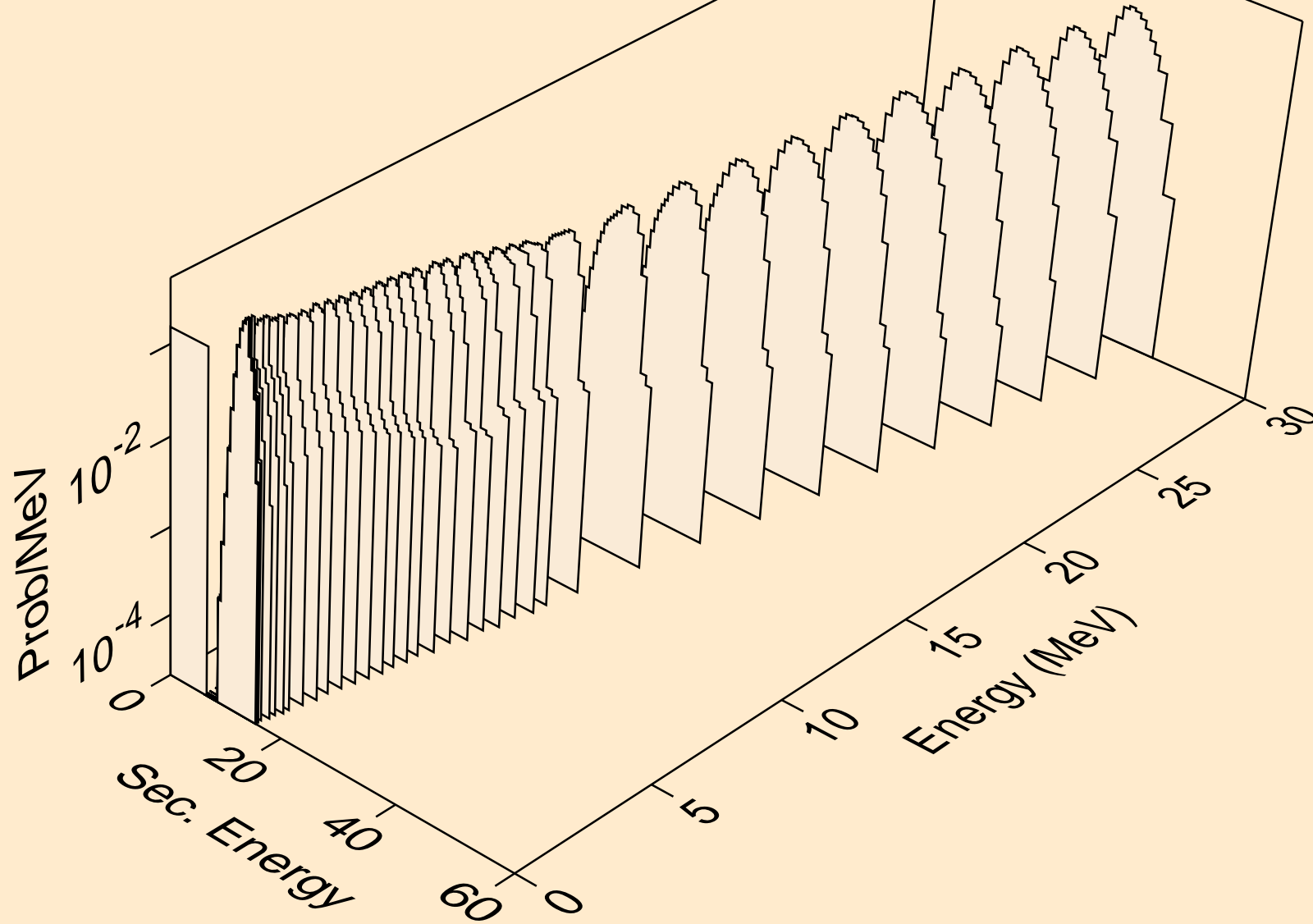
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



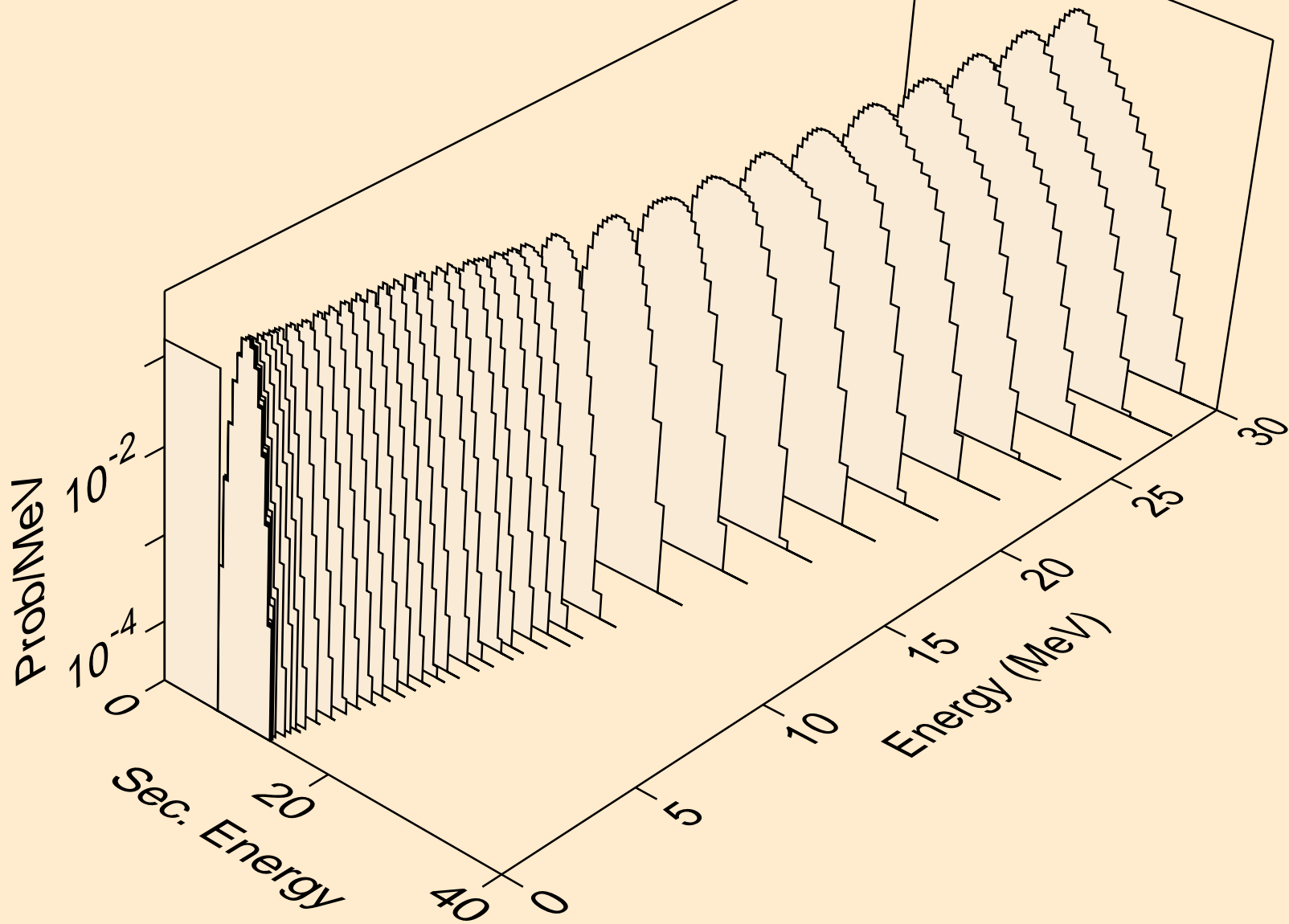
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



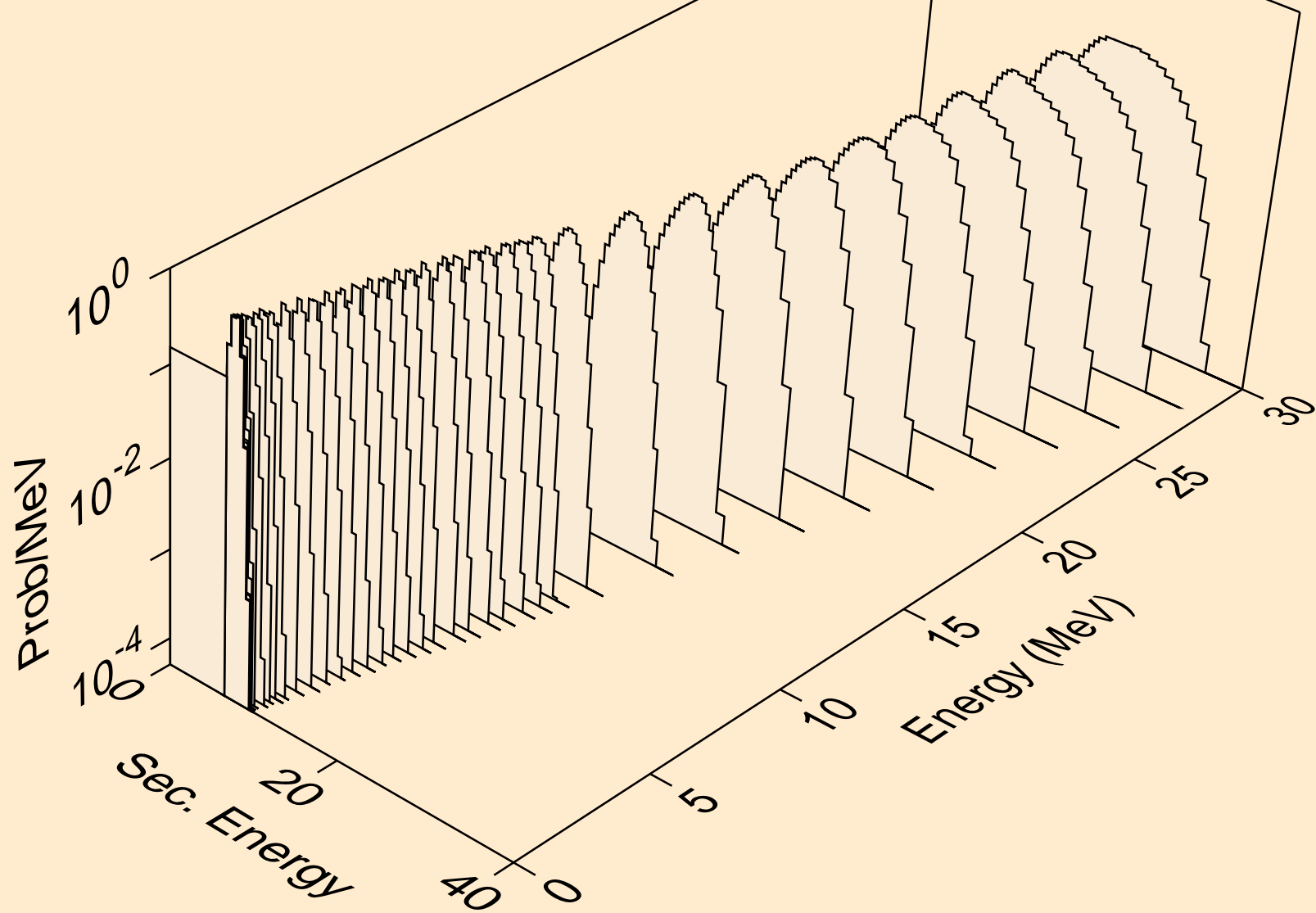
PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



PO199 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

