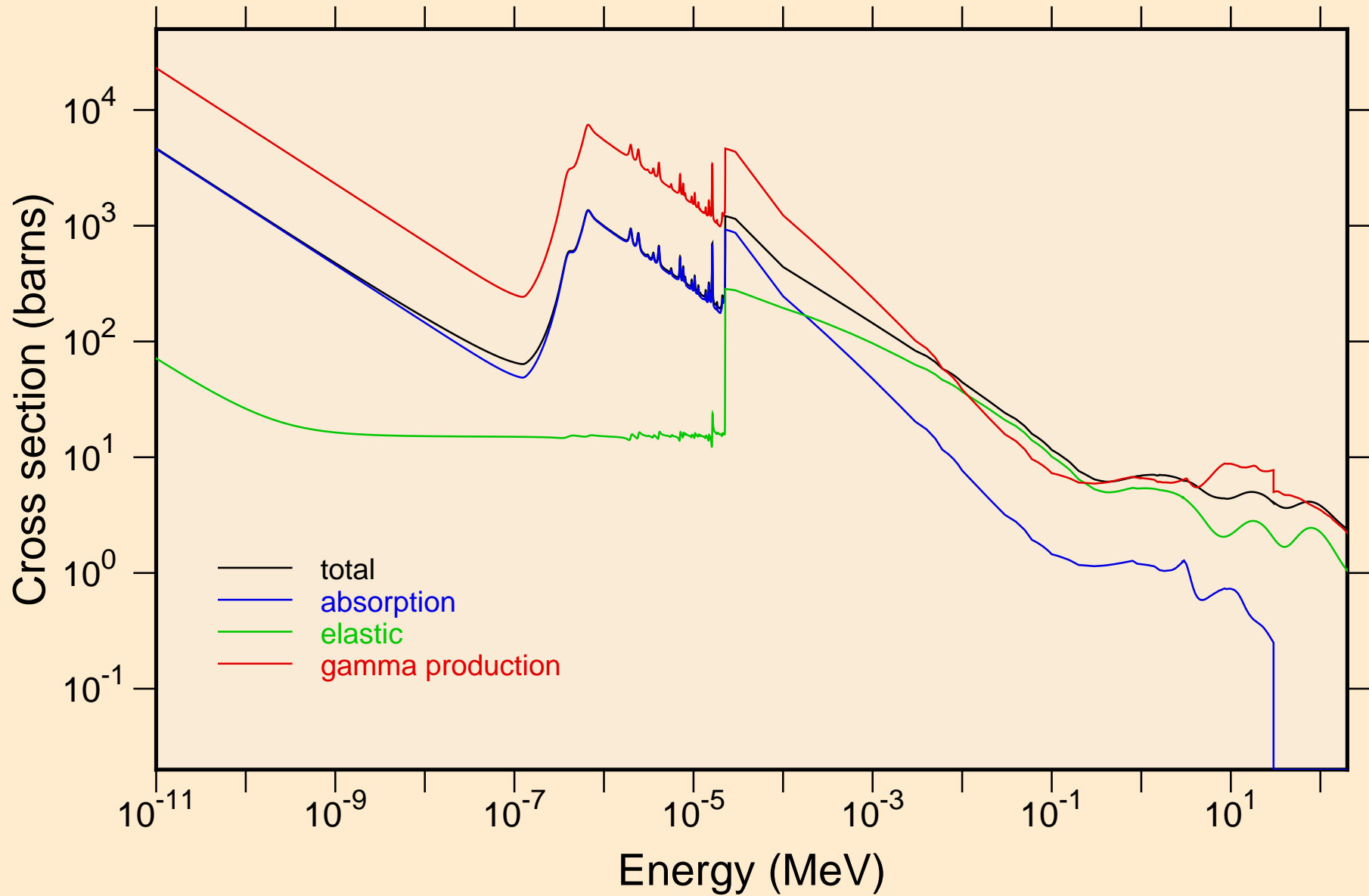
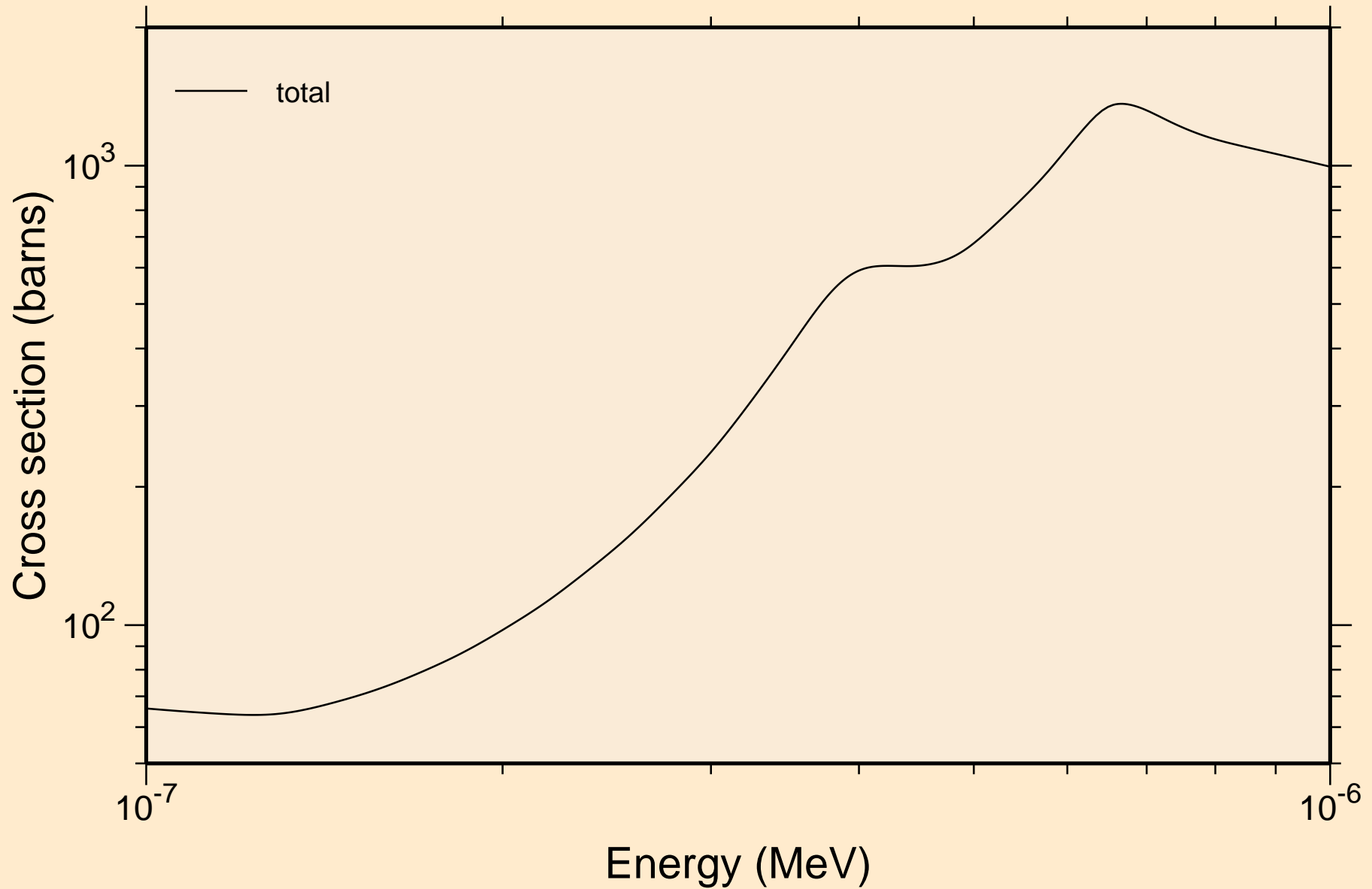


# ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

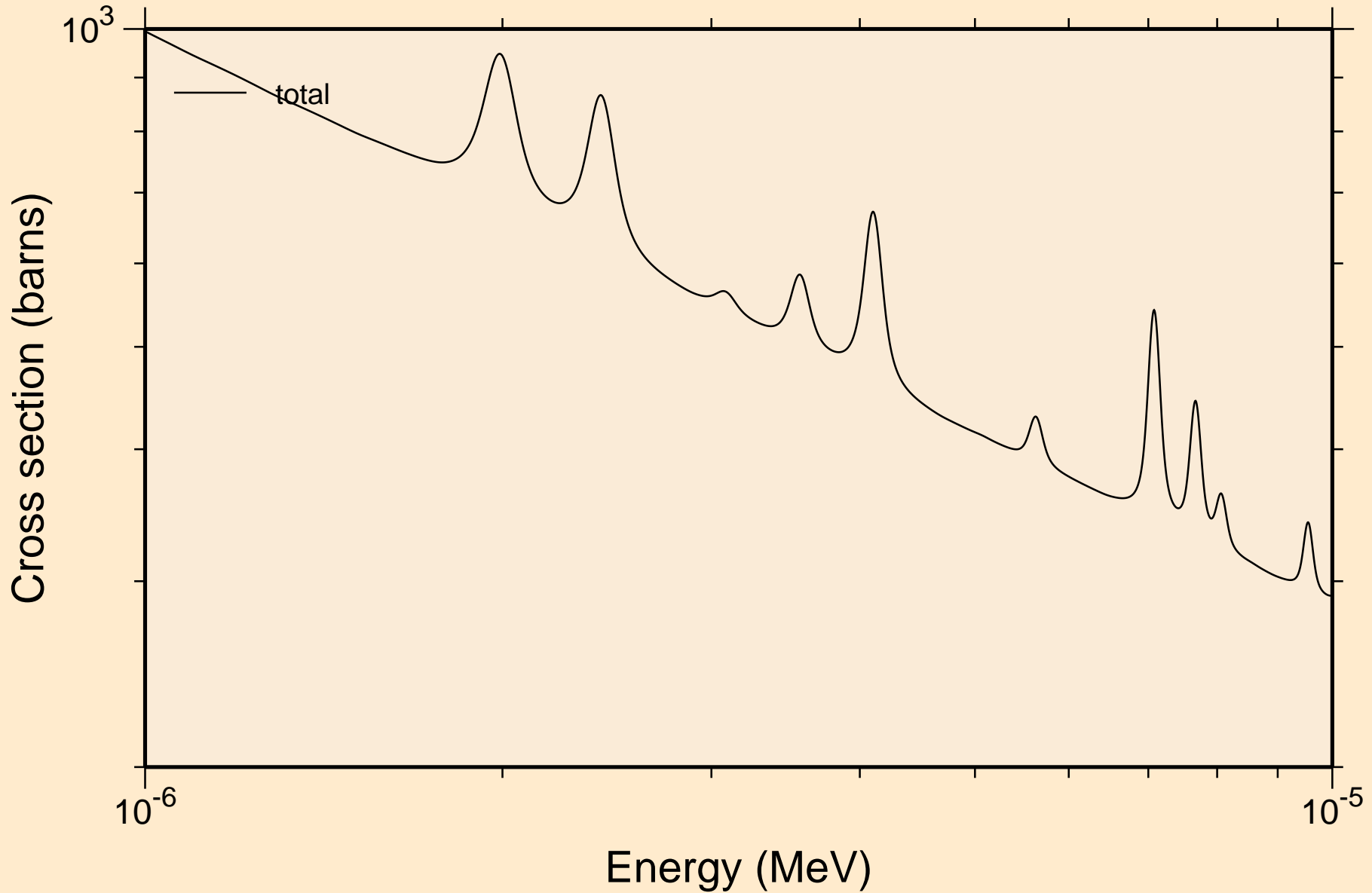
## Principal cross sections



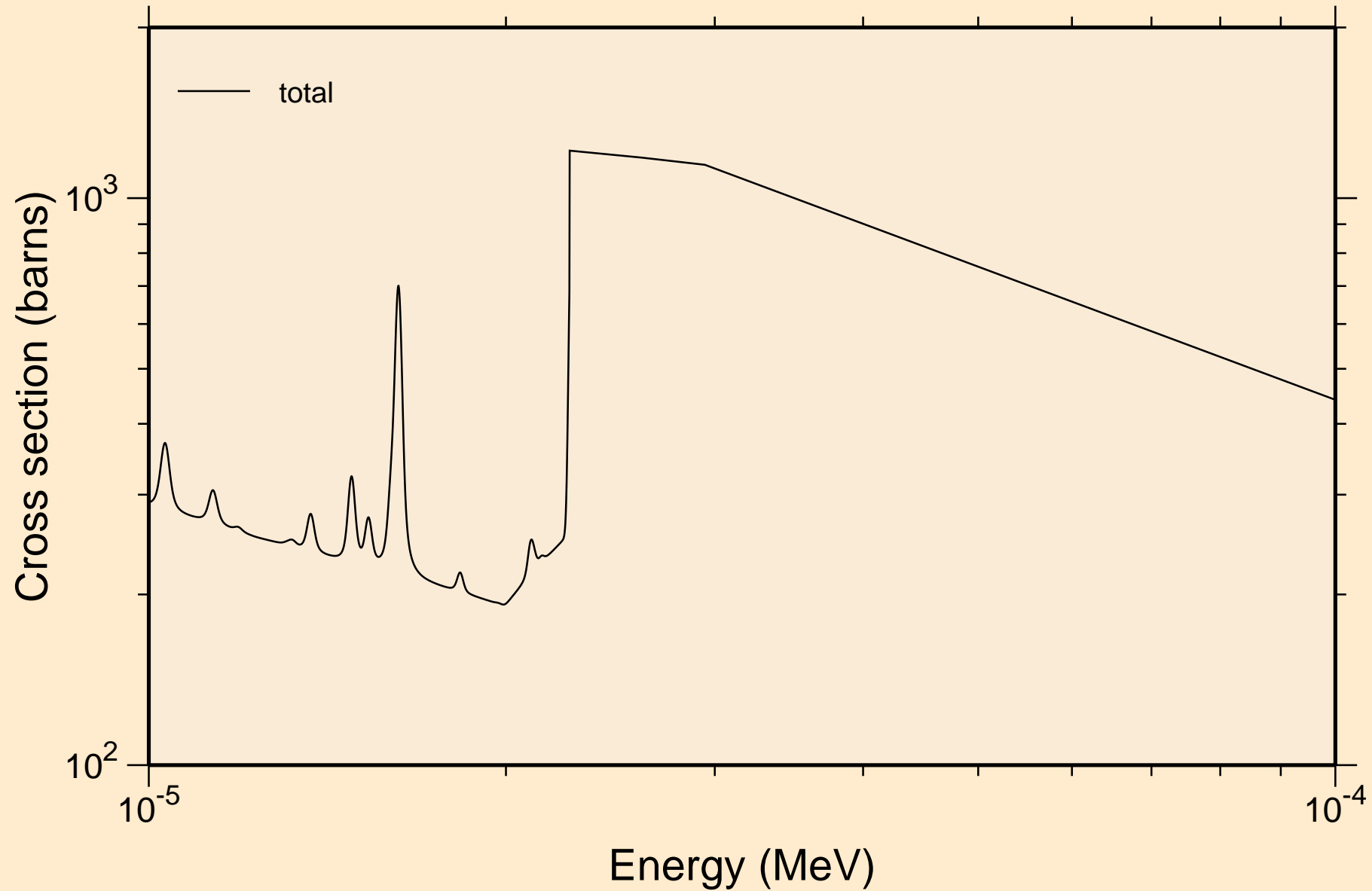
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



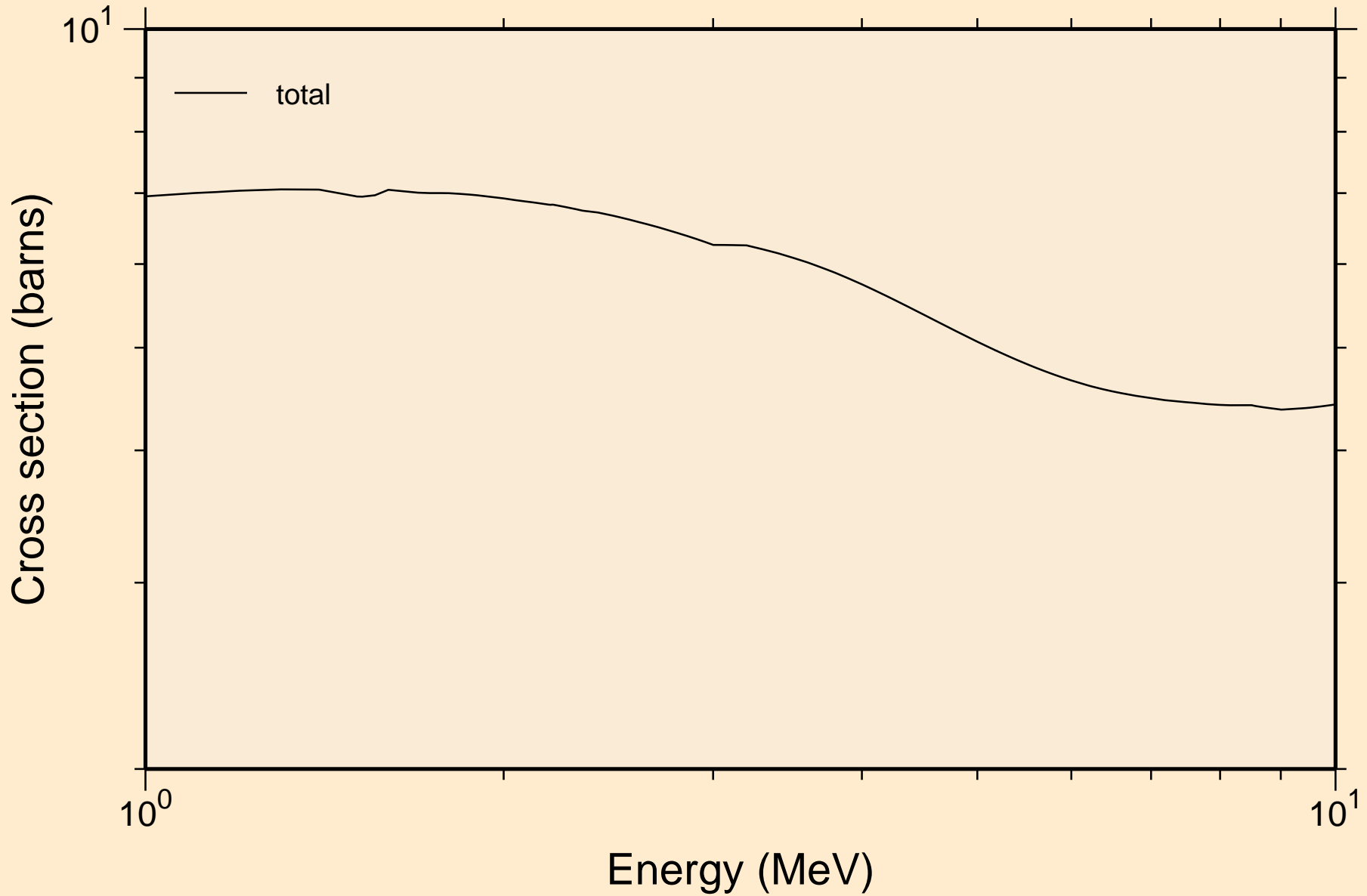
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



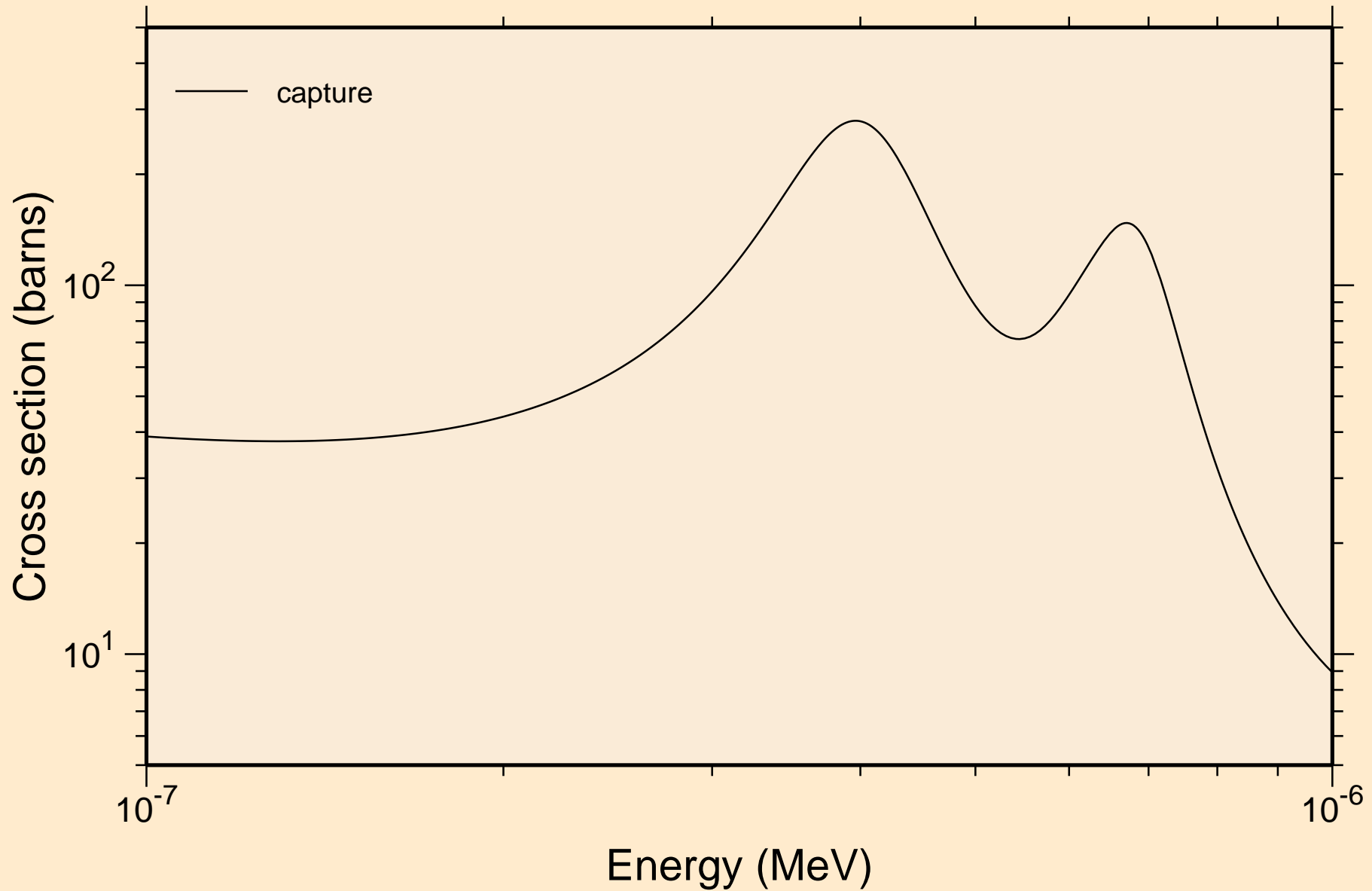
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



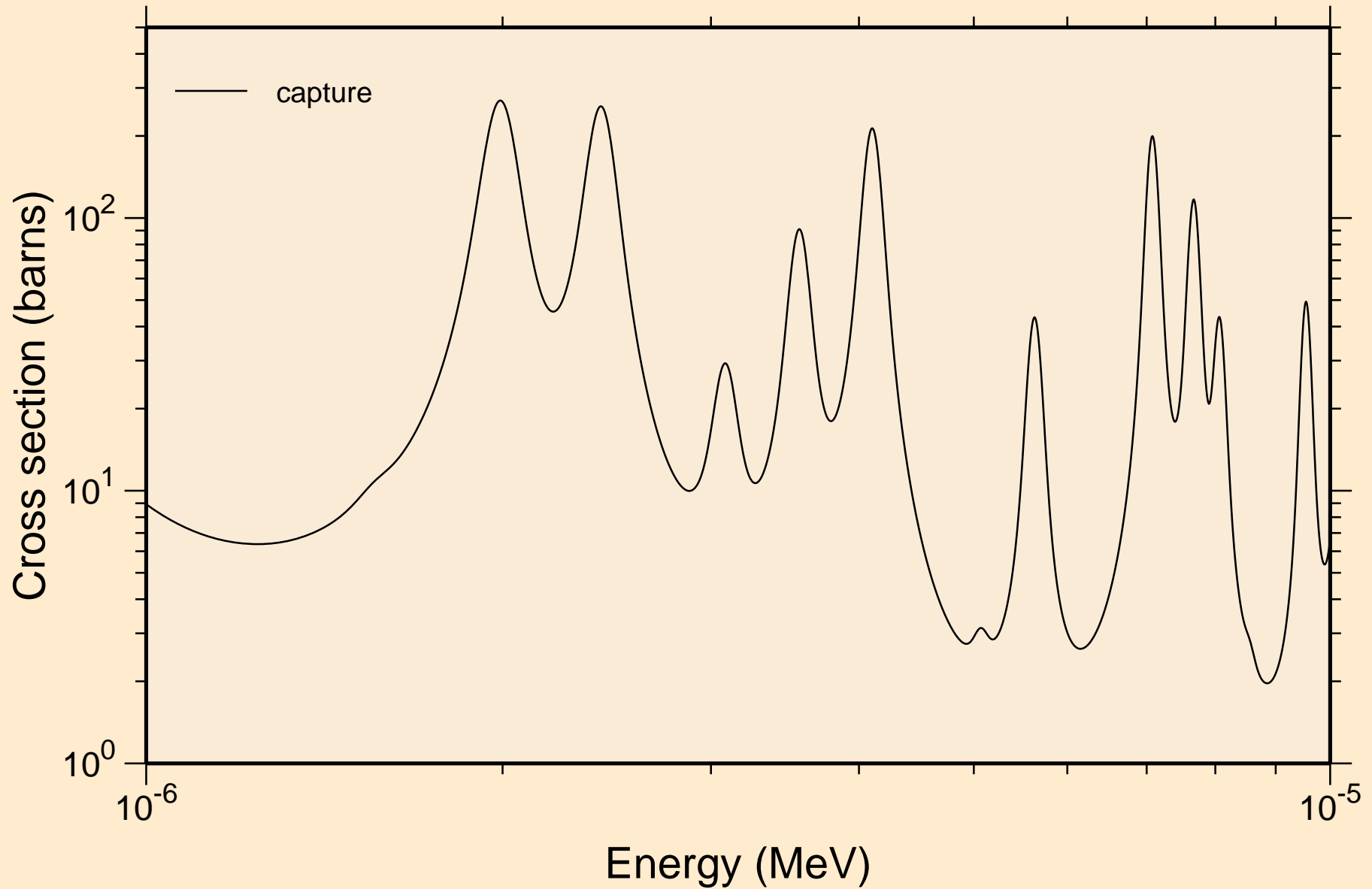
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



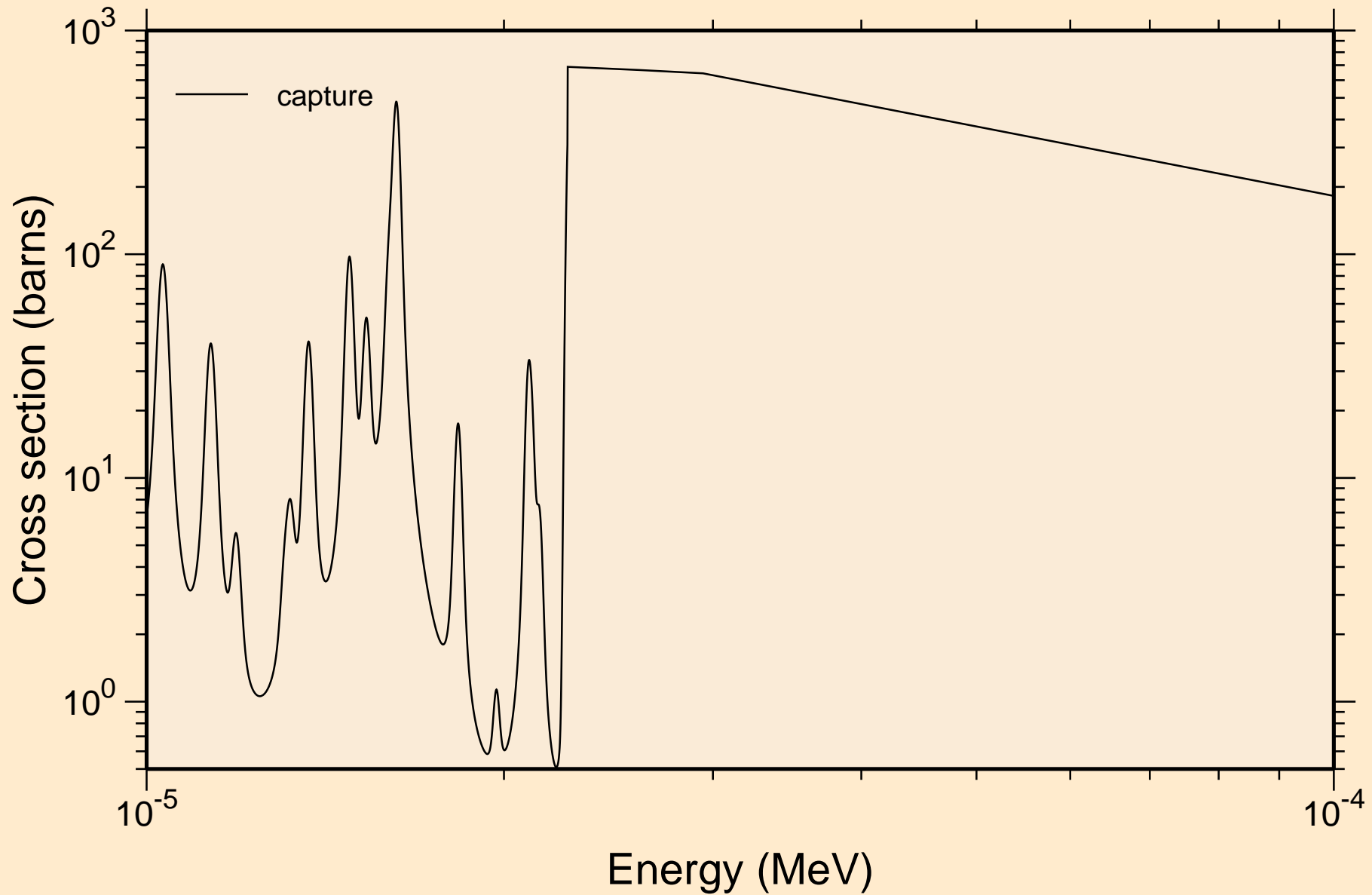
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



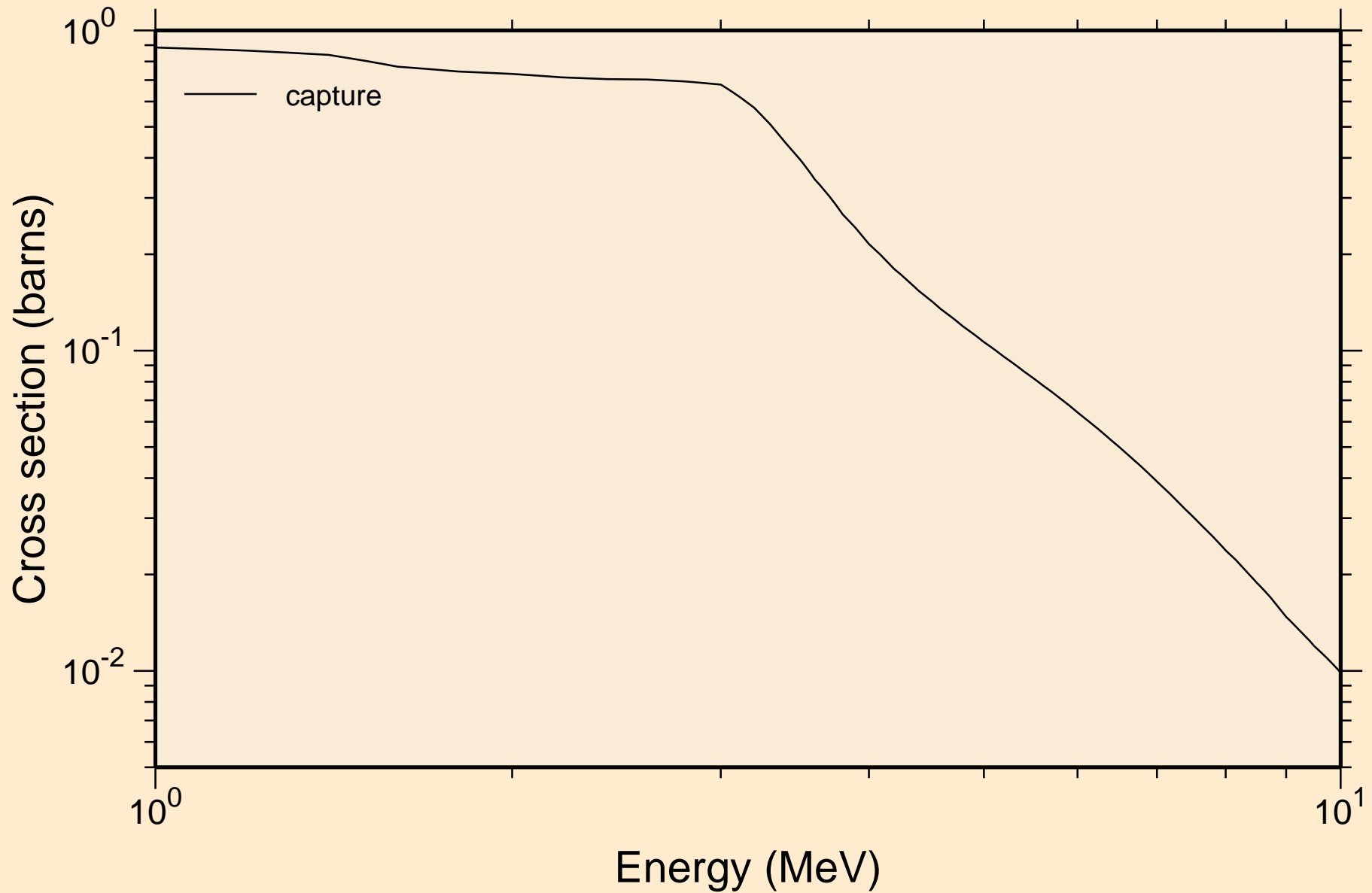
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



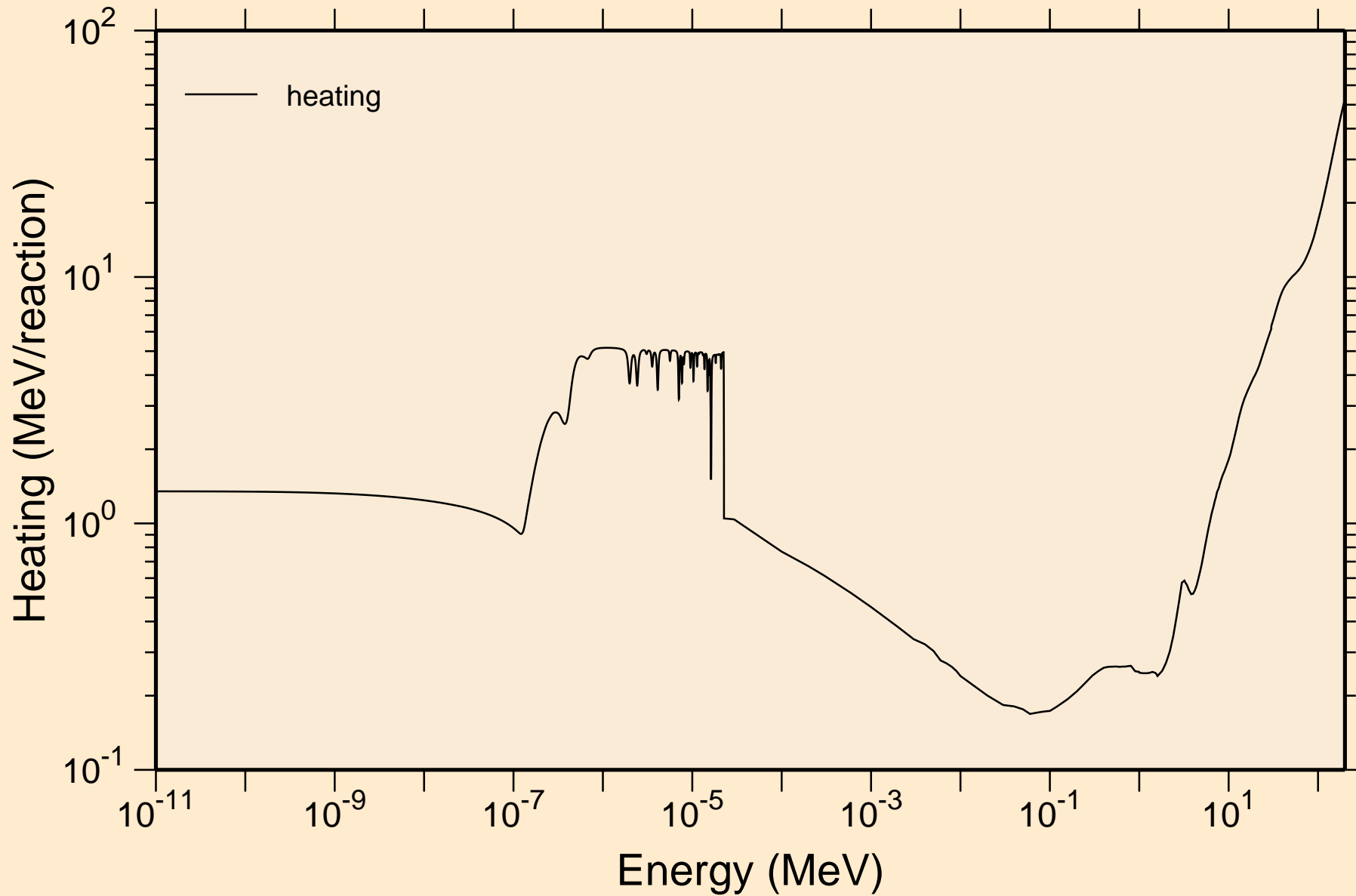
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



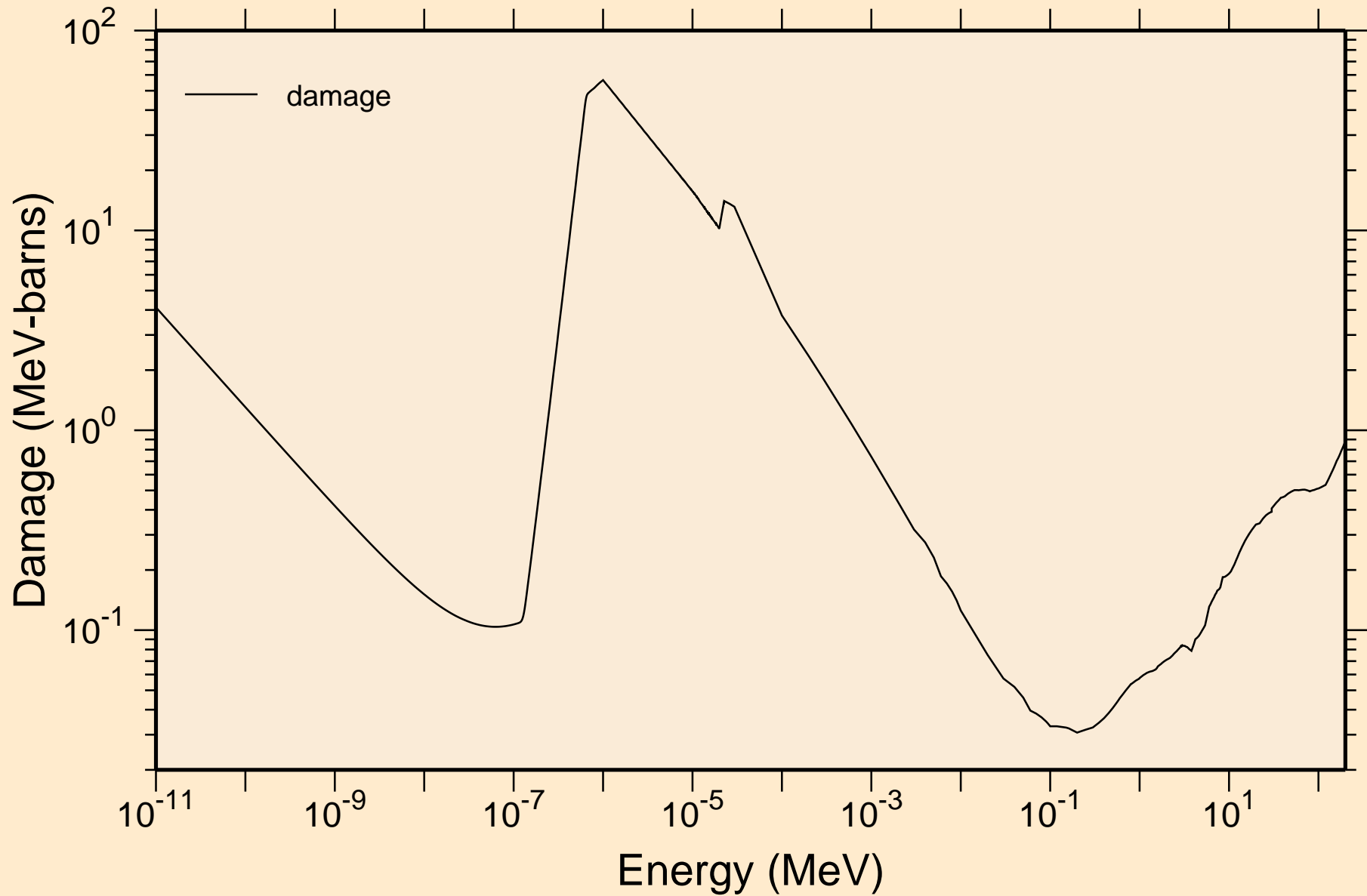
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



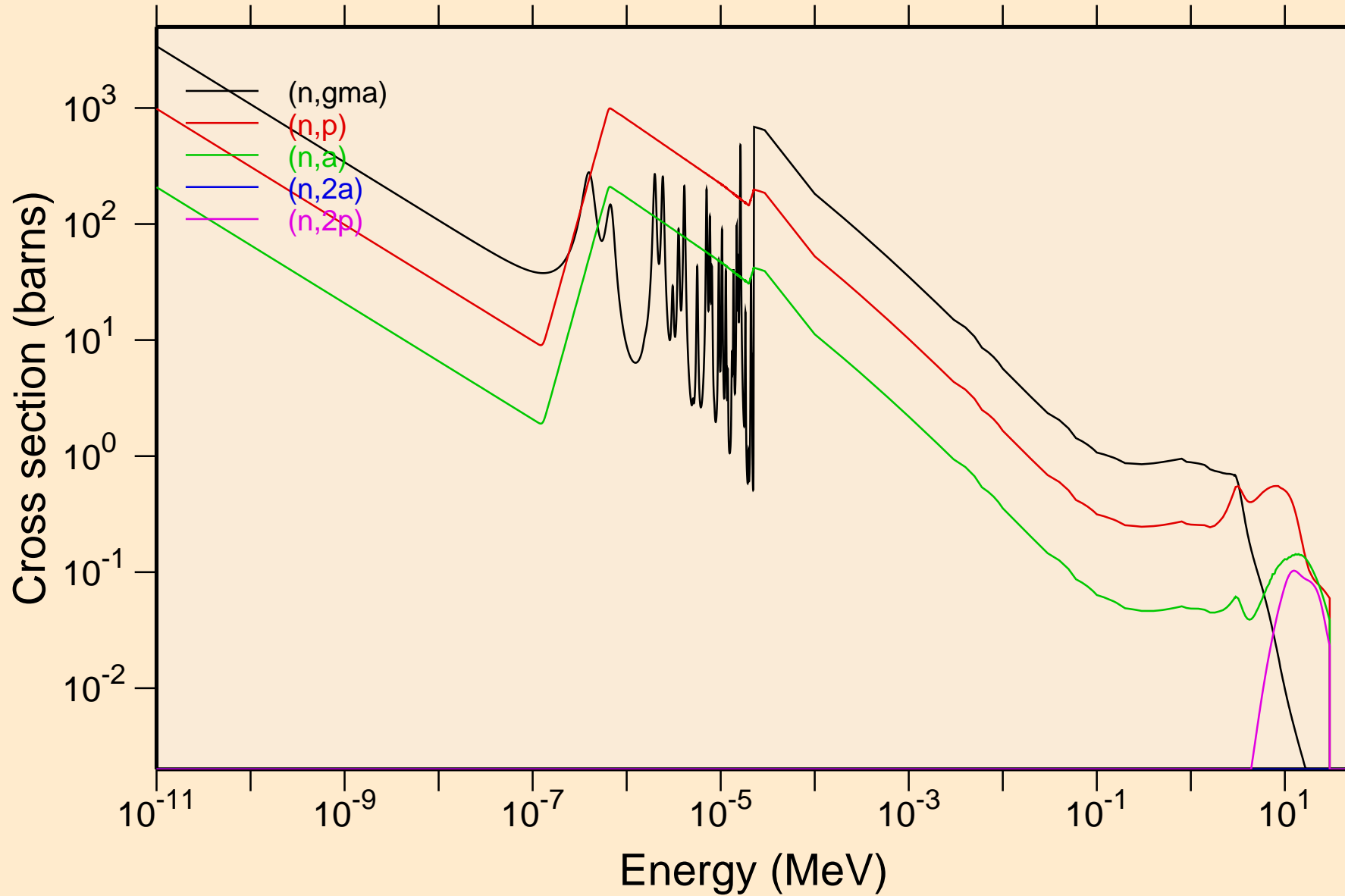
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



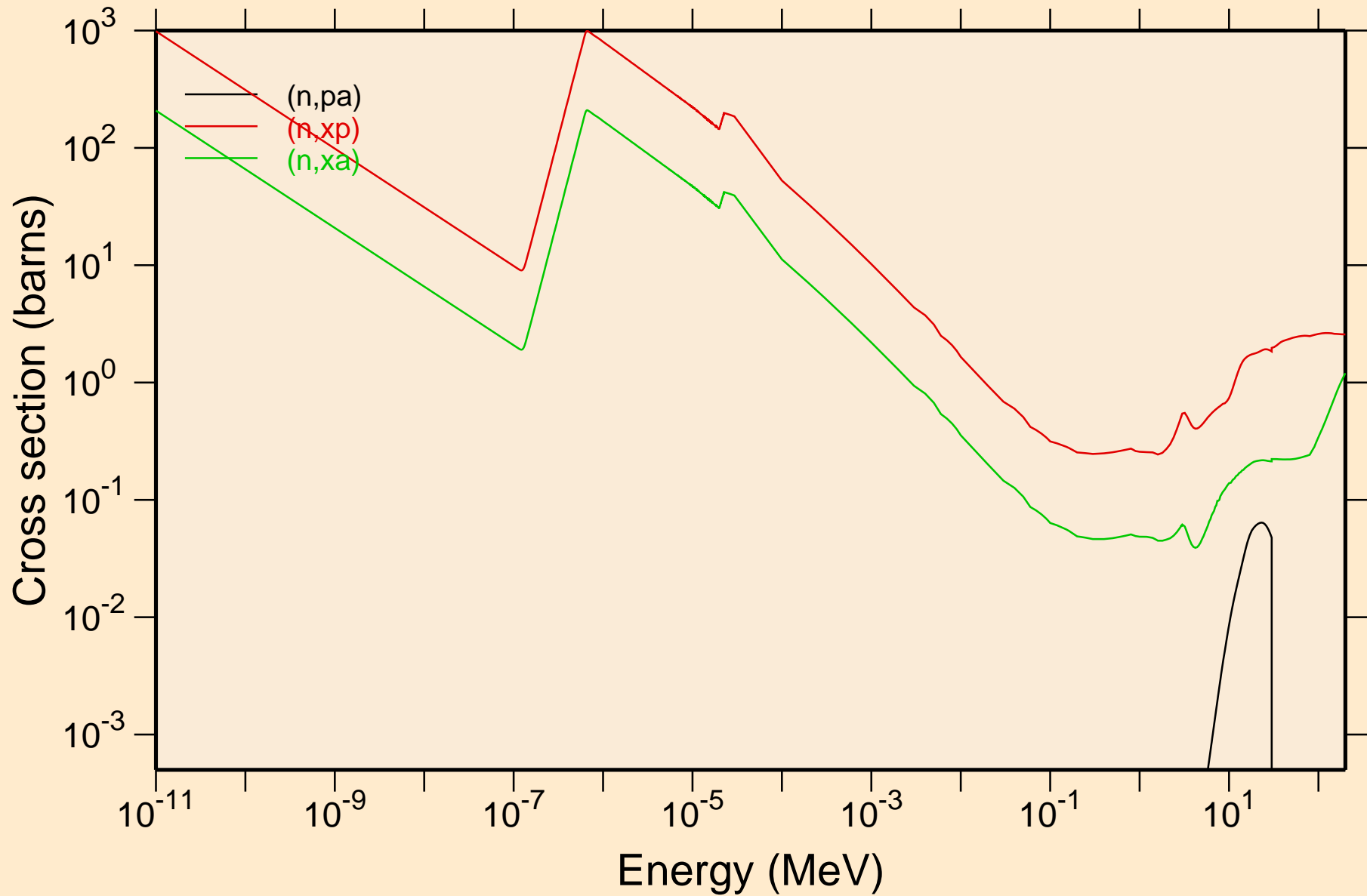
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



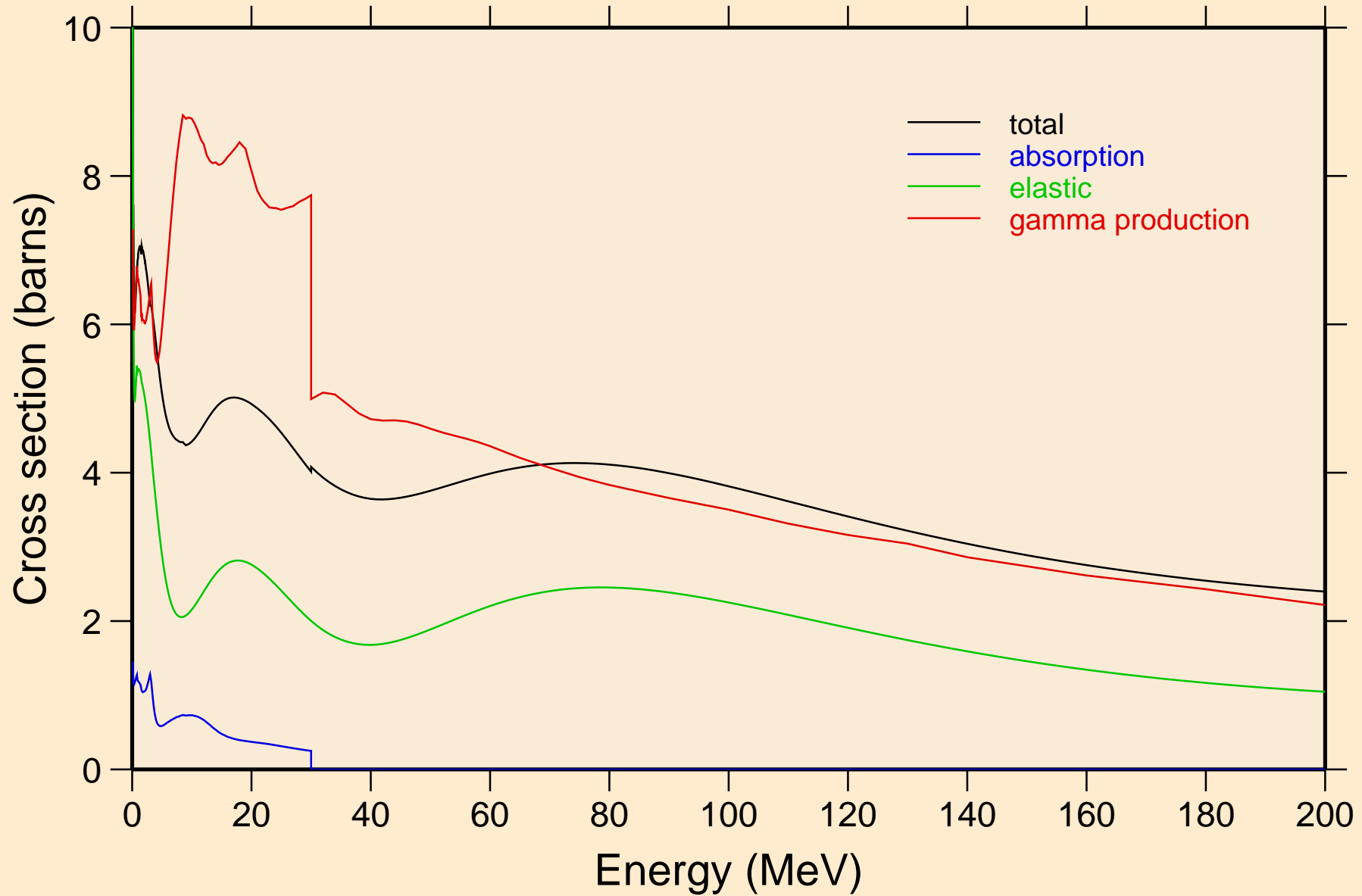
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

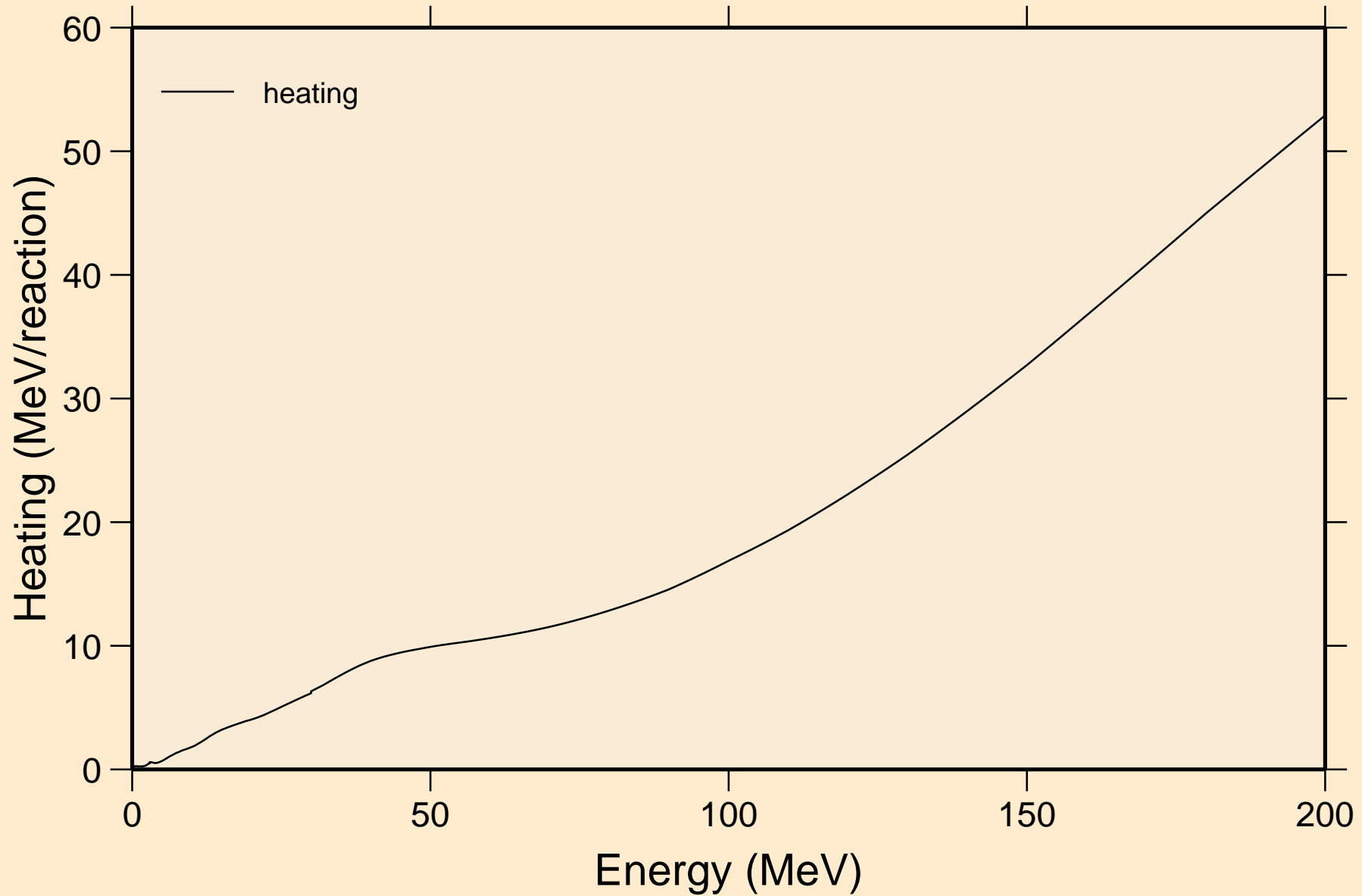


ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections

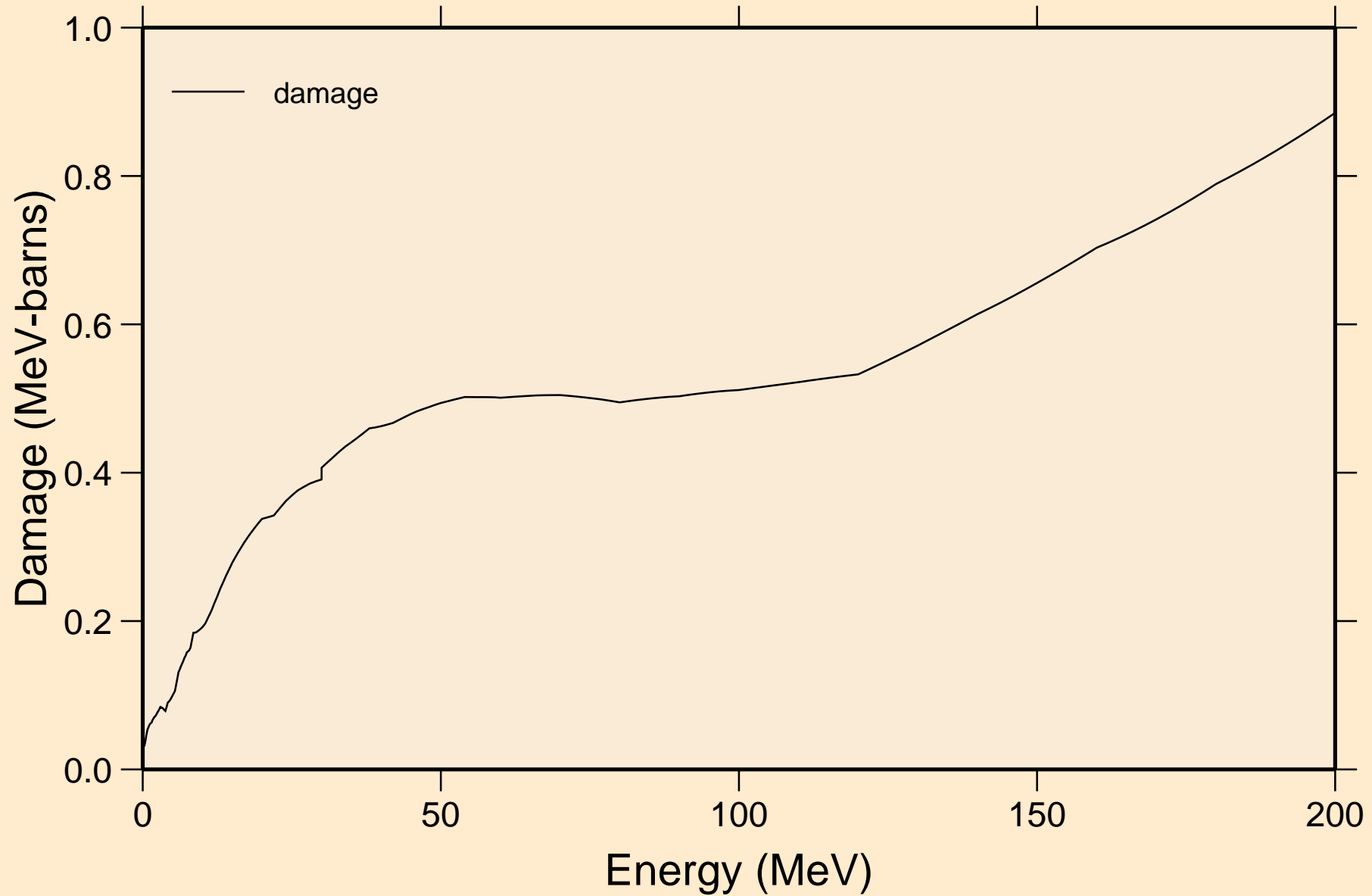


ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

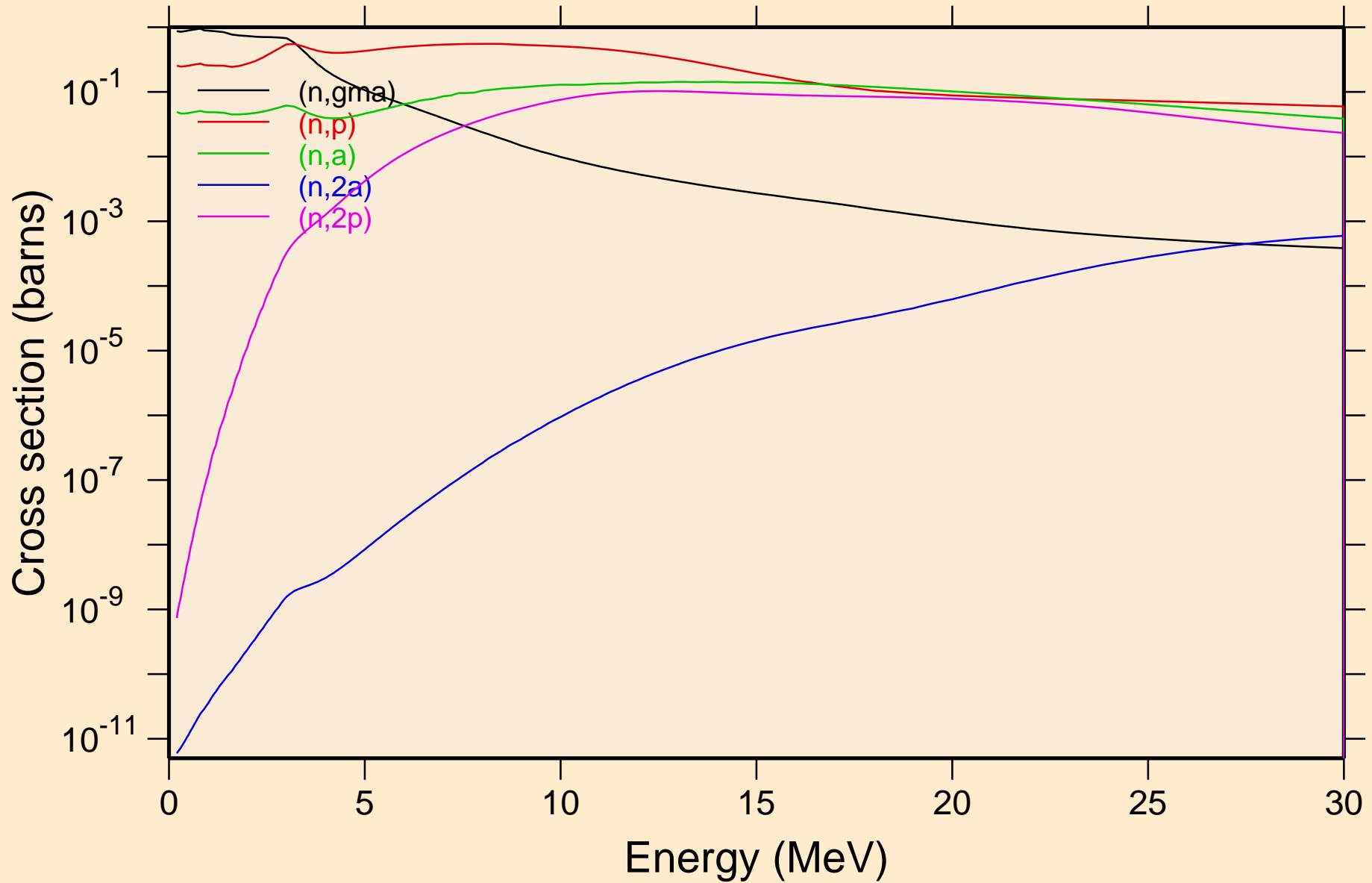
Heating



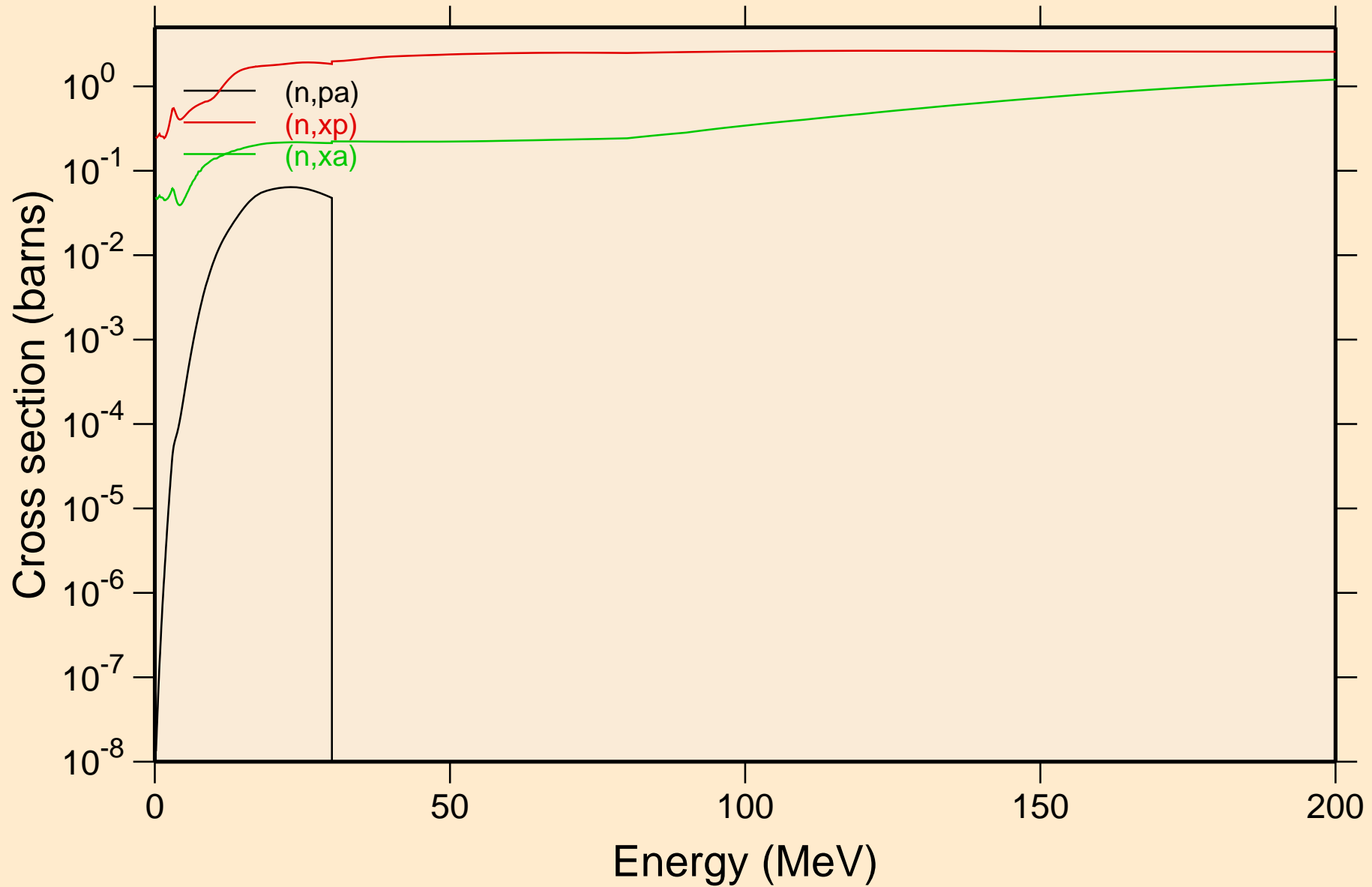
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



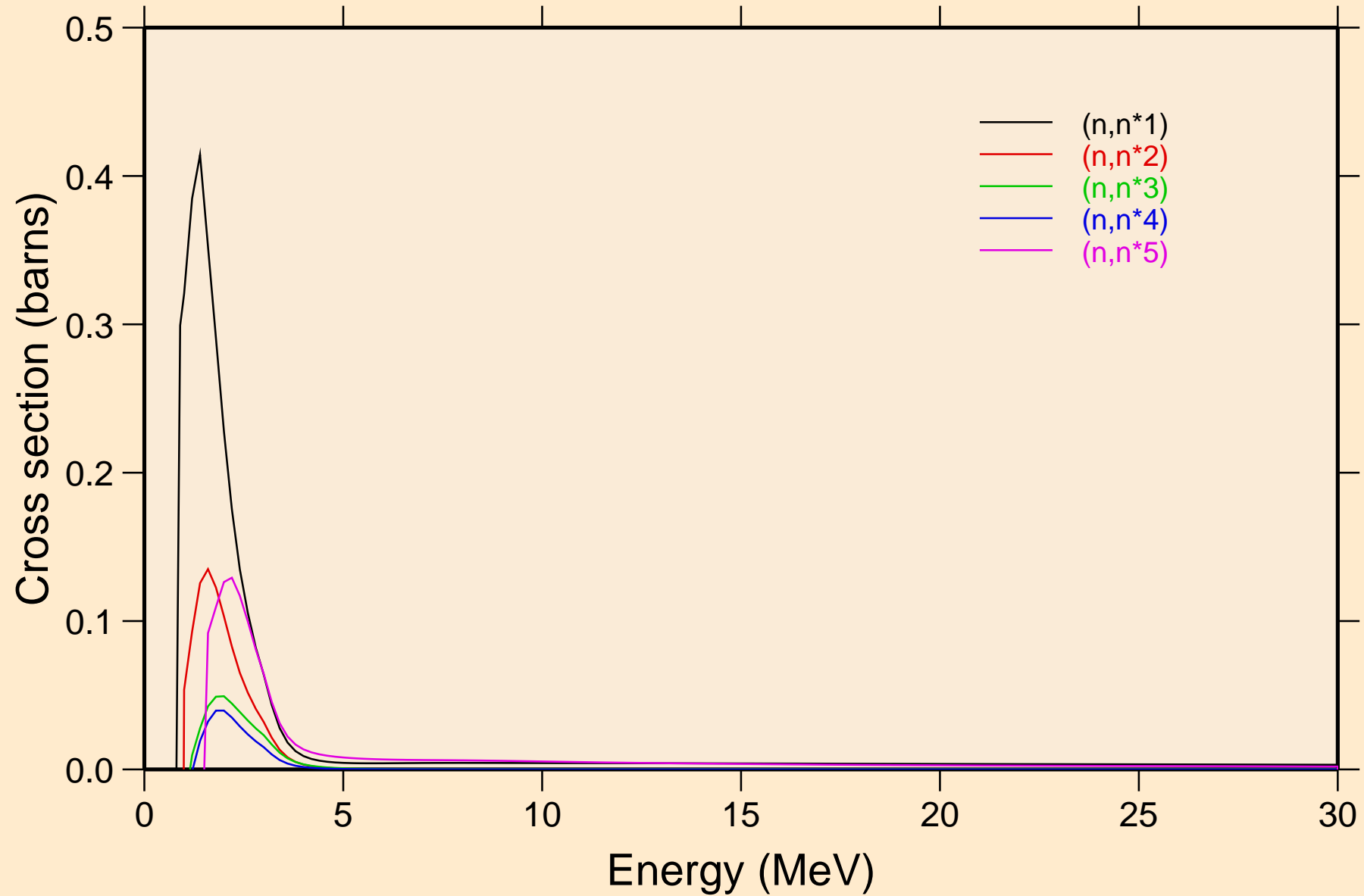
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



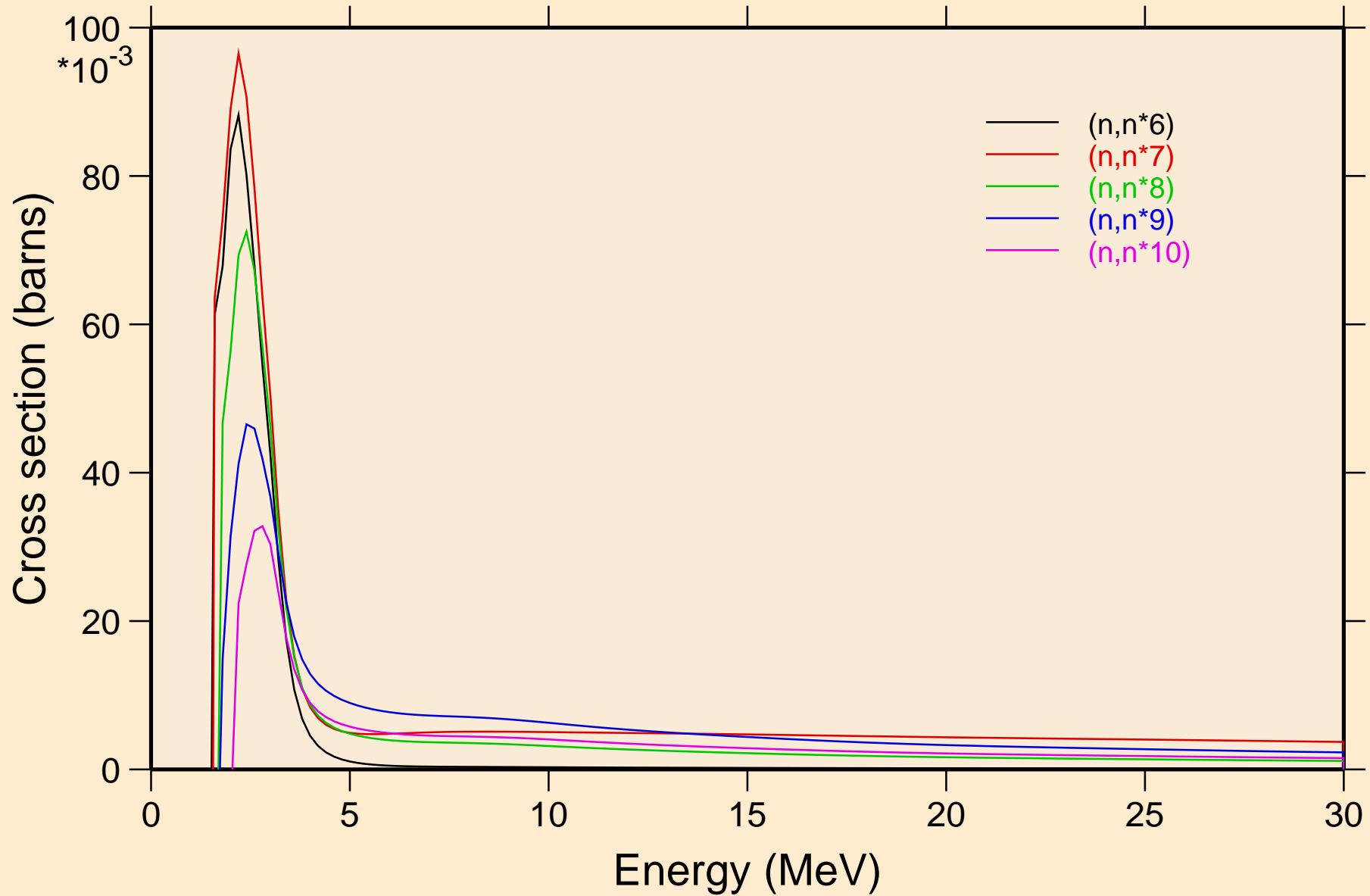
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



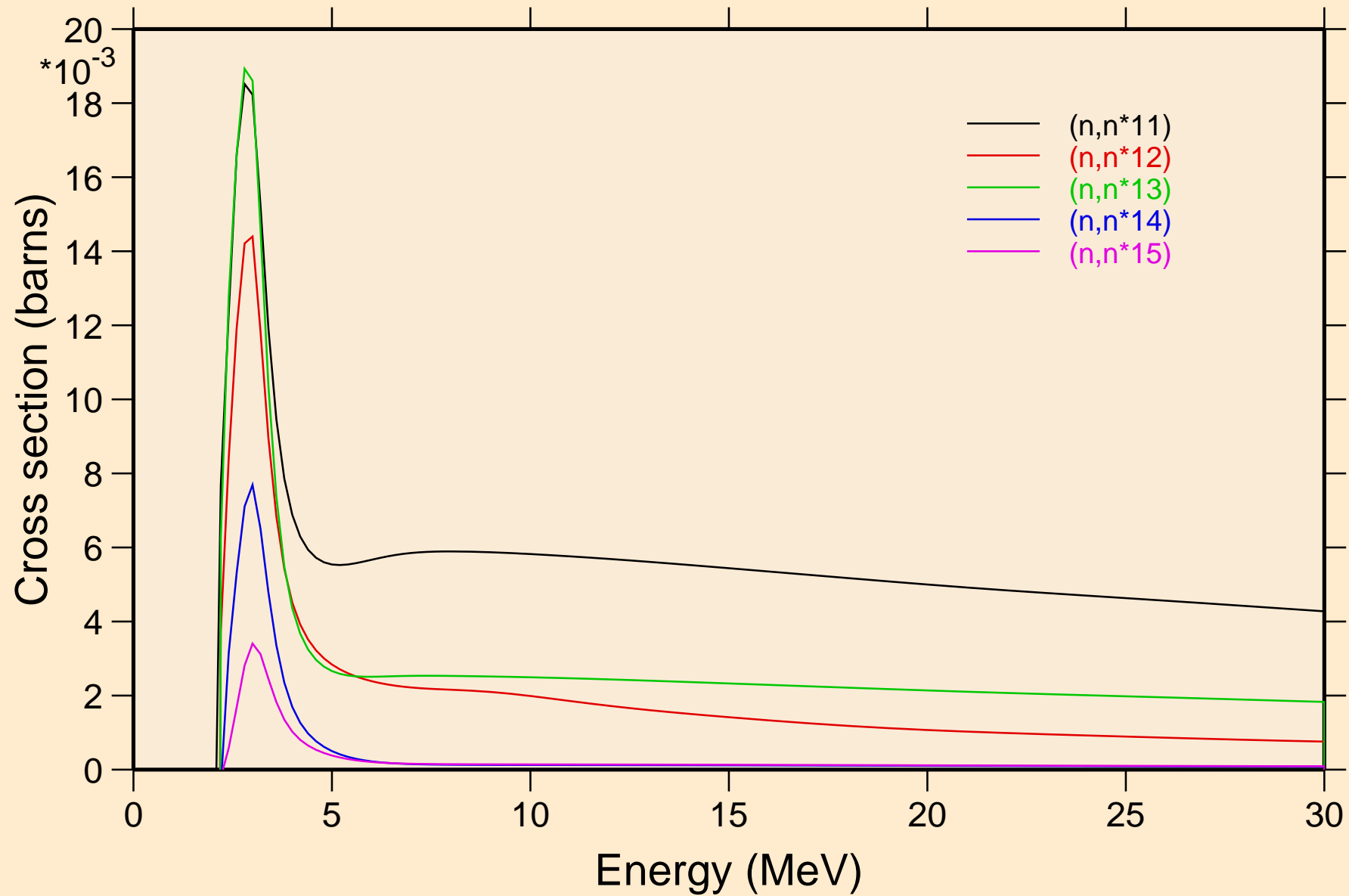
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



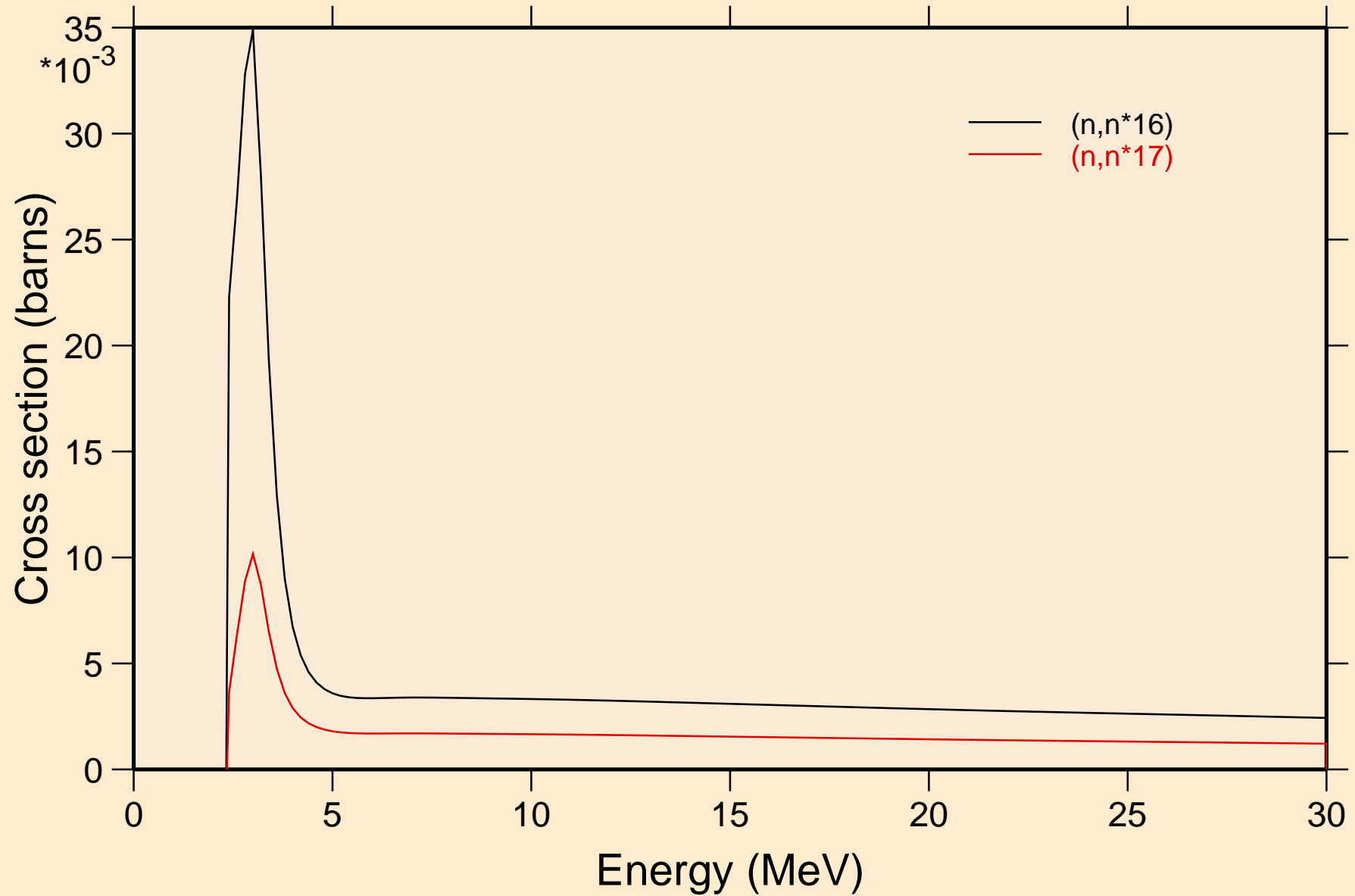
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



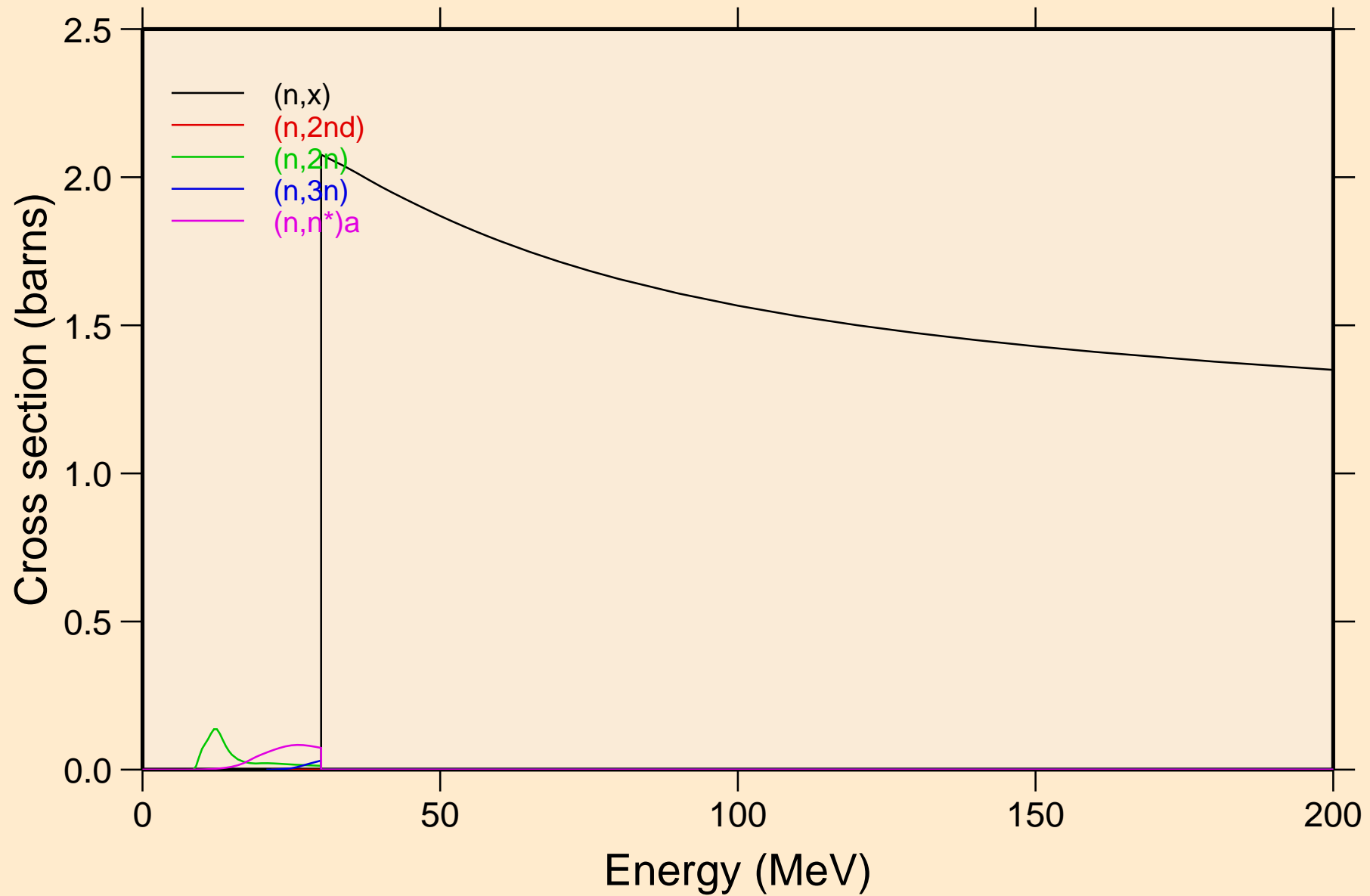
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



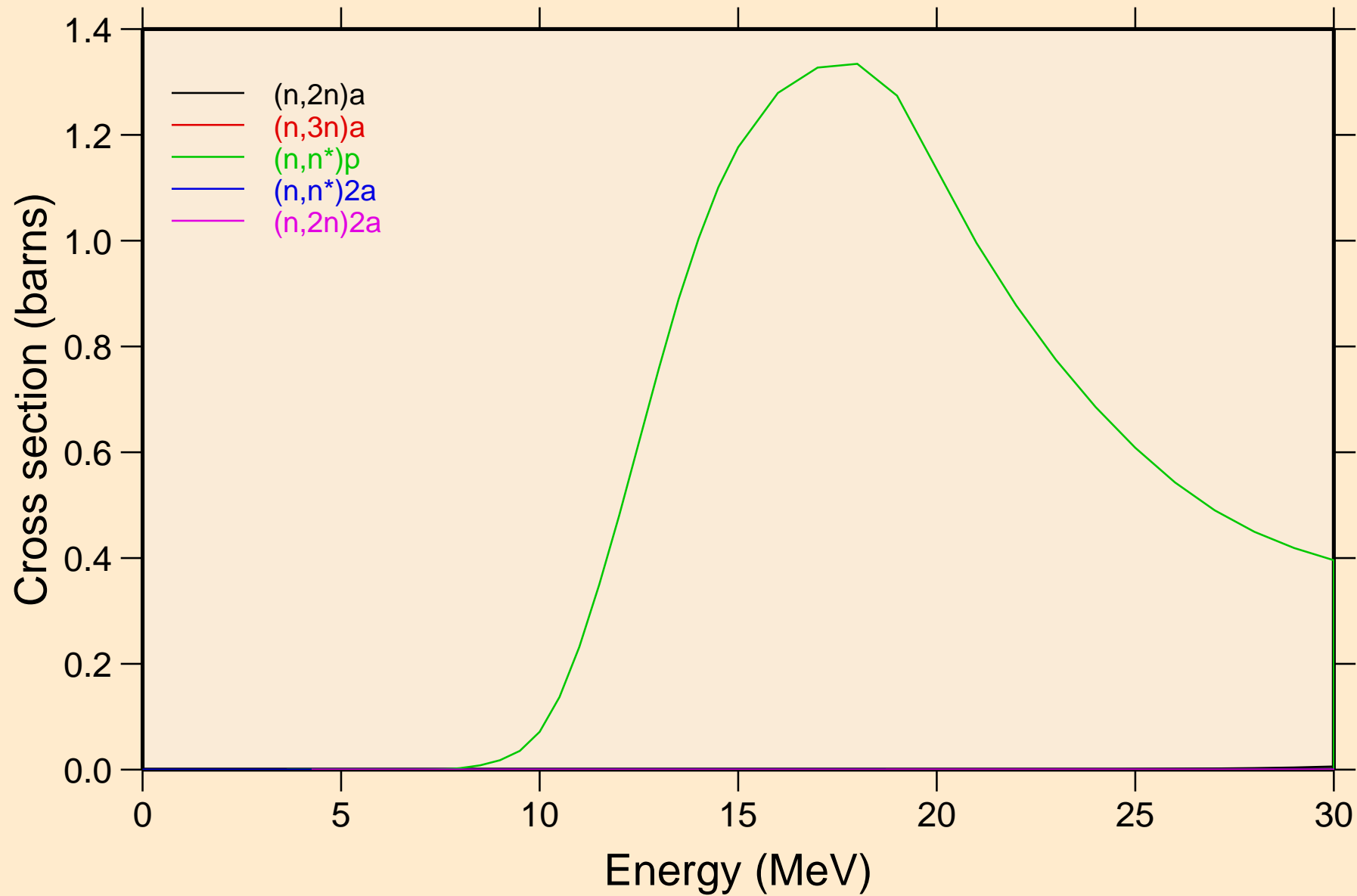
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



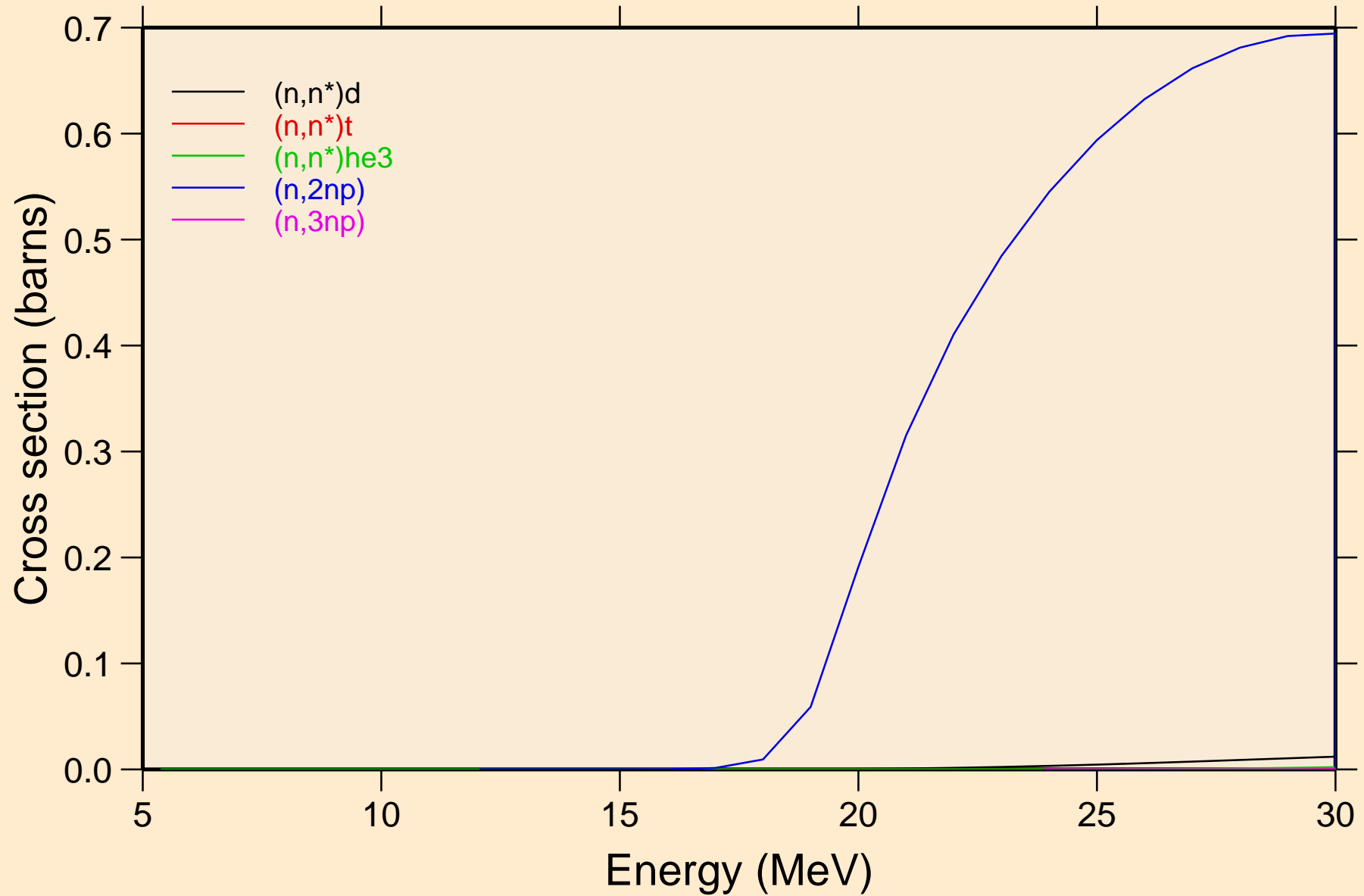
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

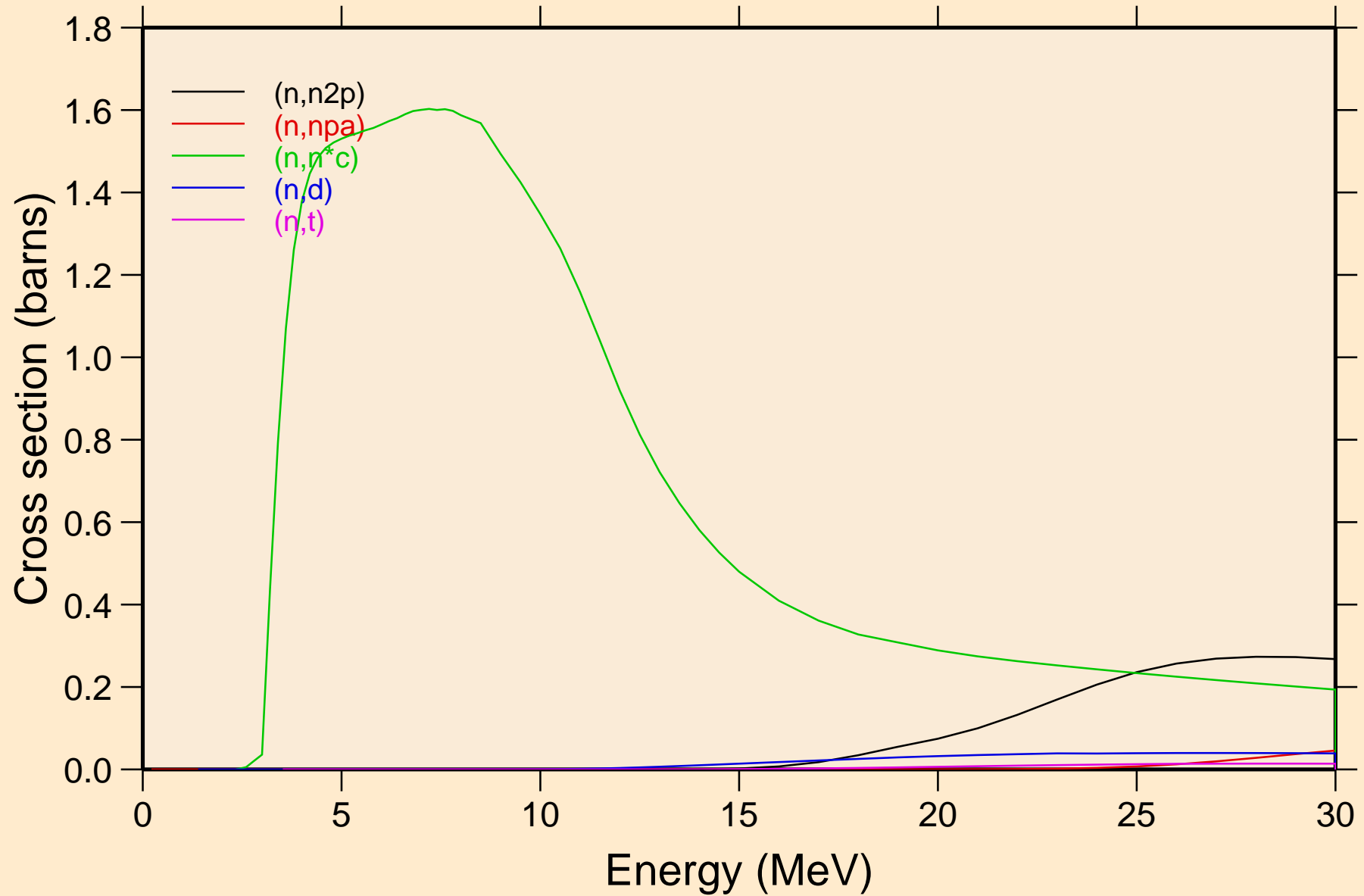


ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

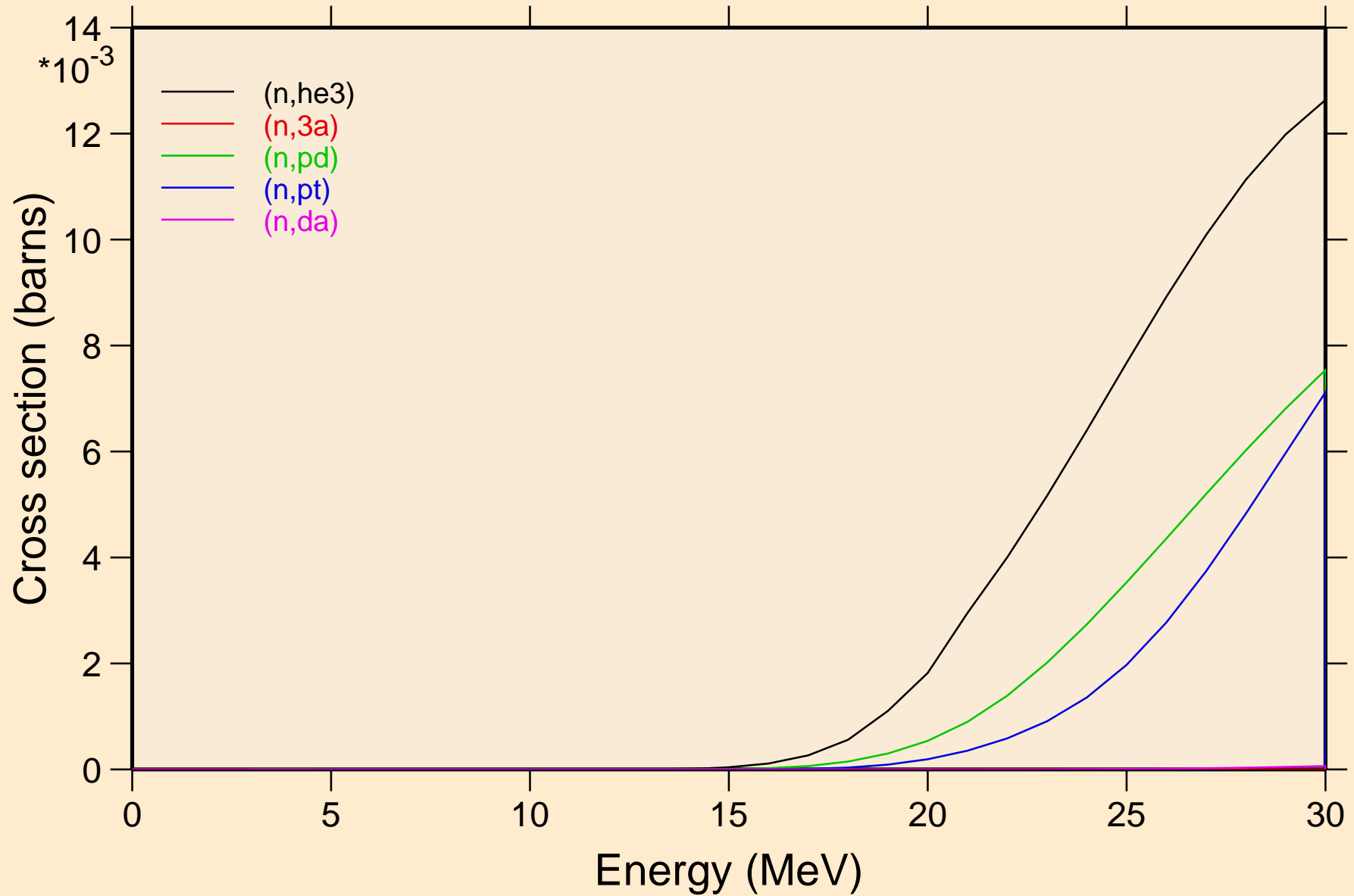


# ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

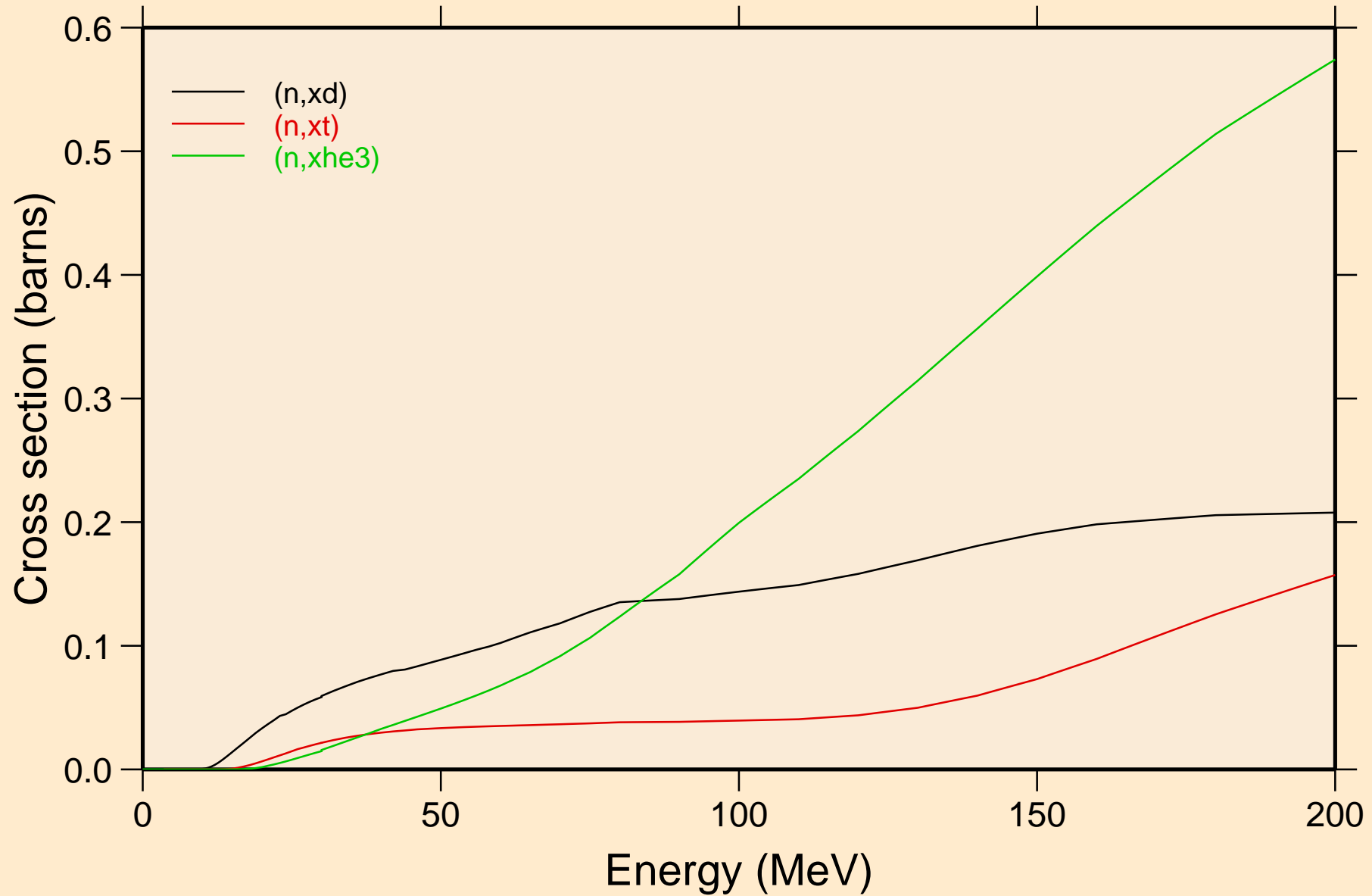
## Threshold reactions



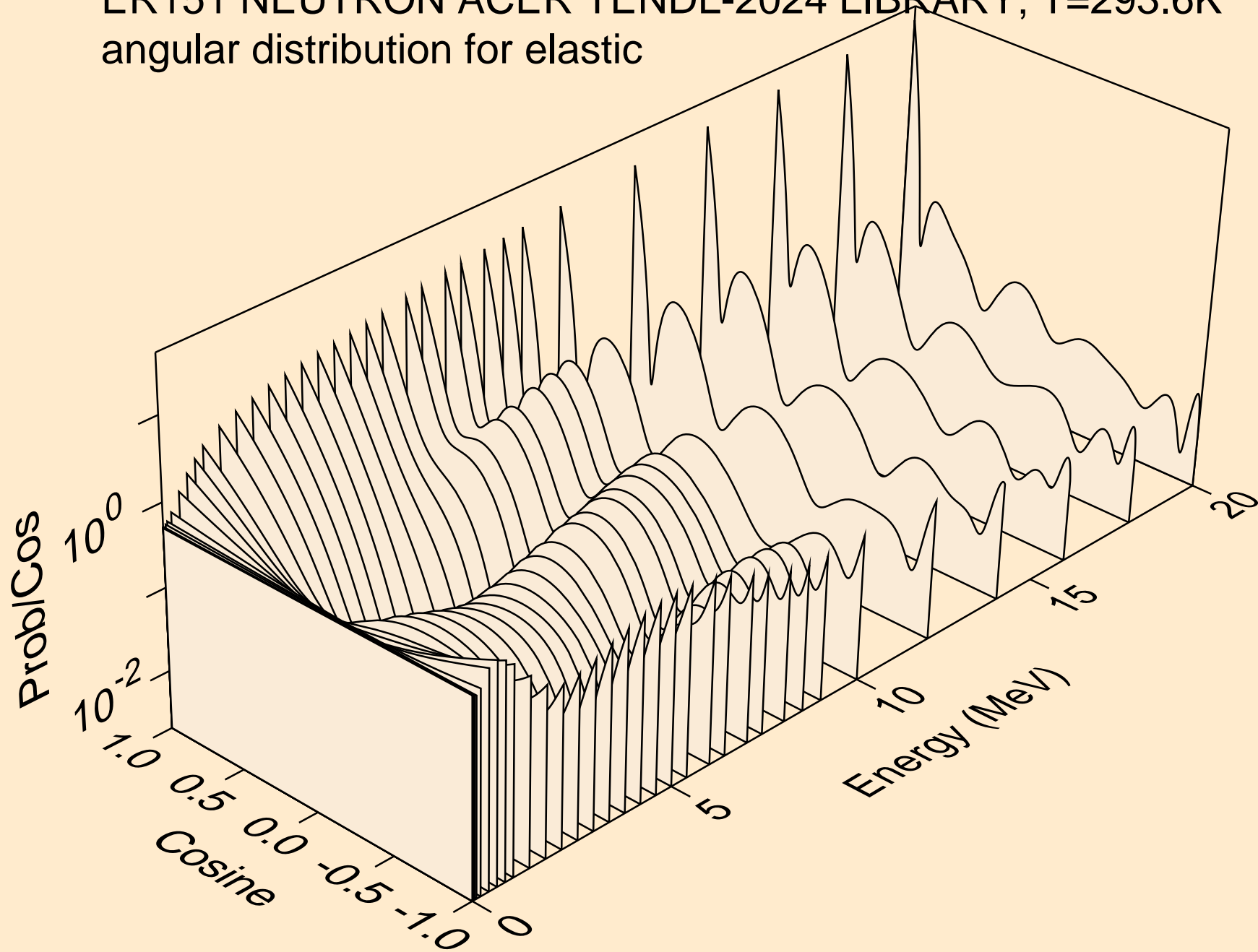
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



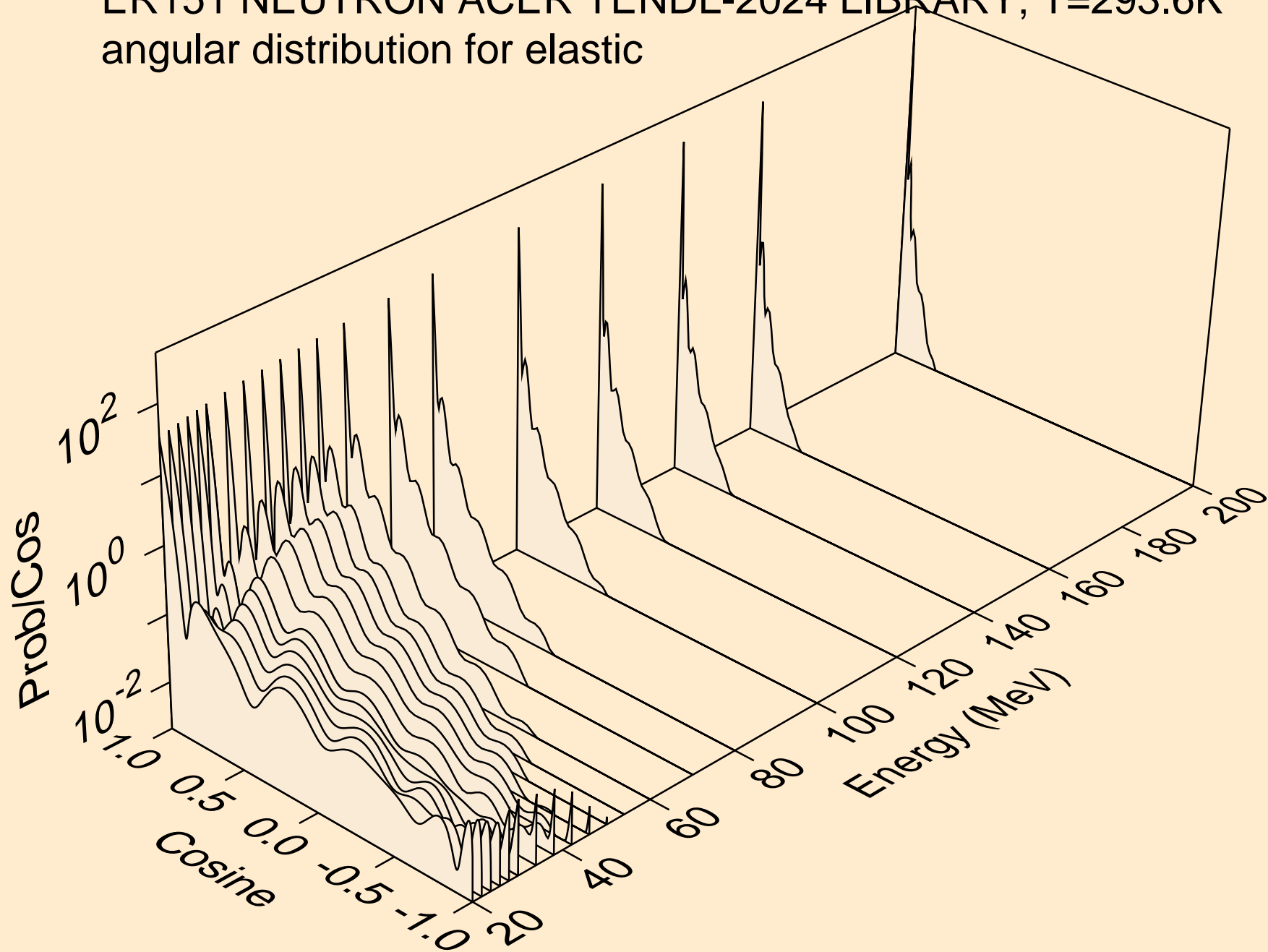
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



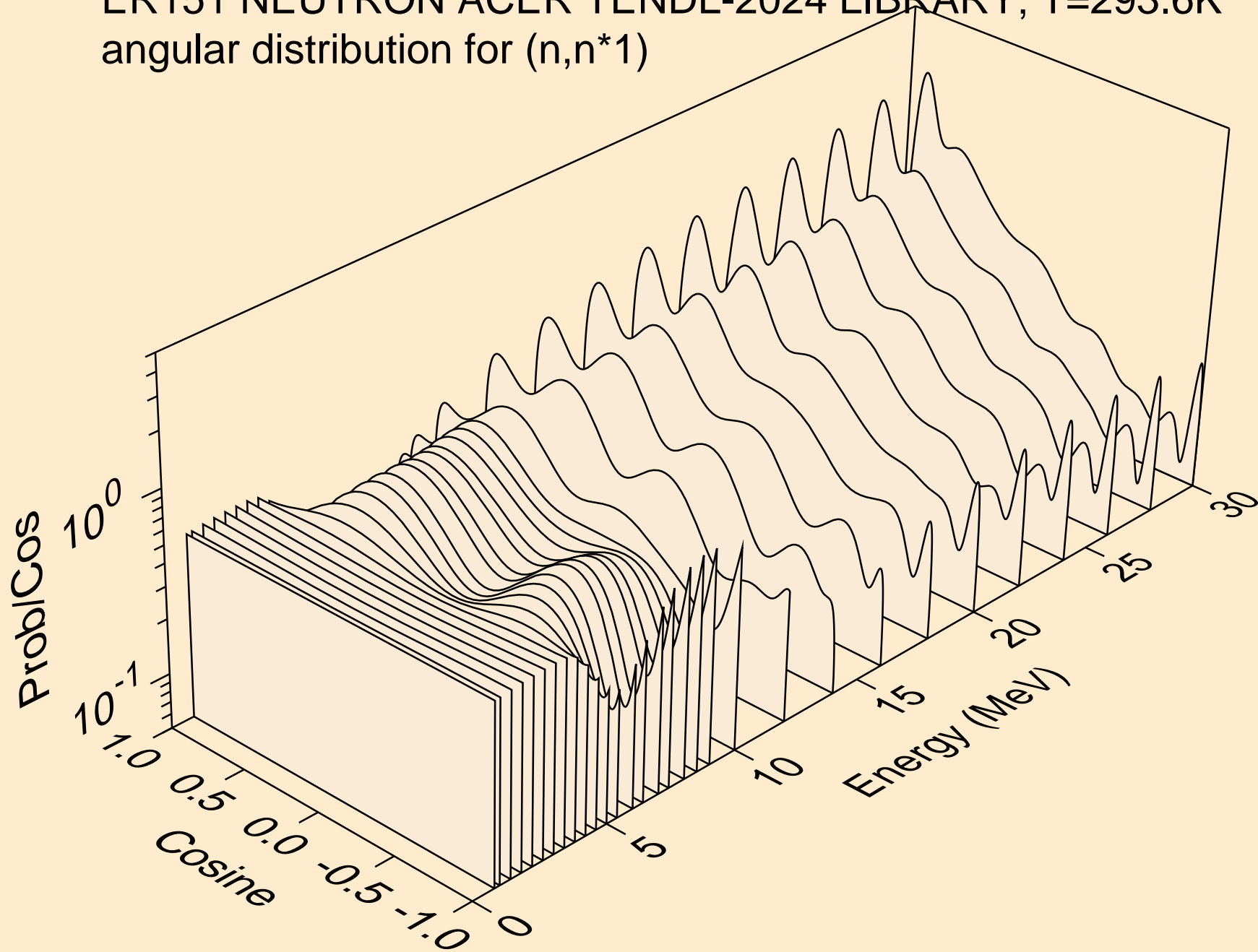
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



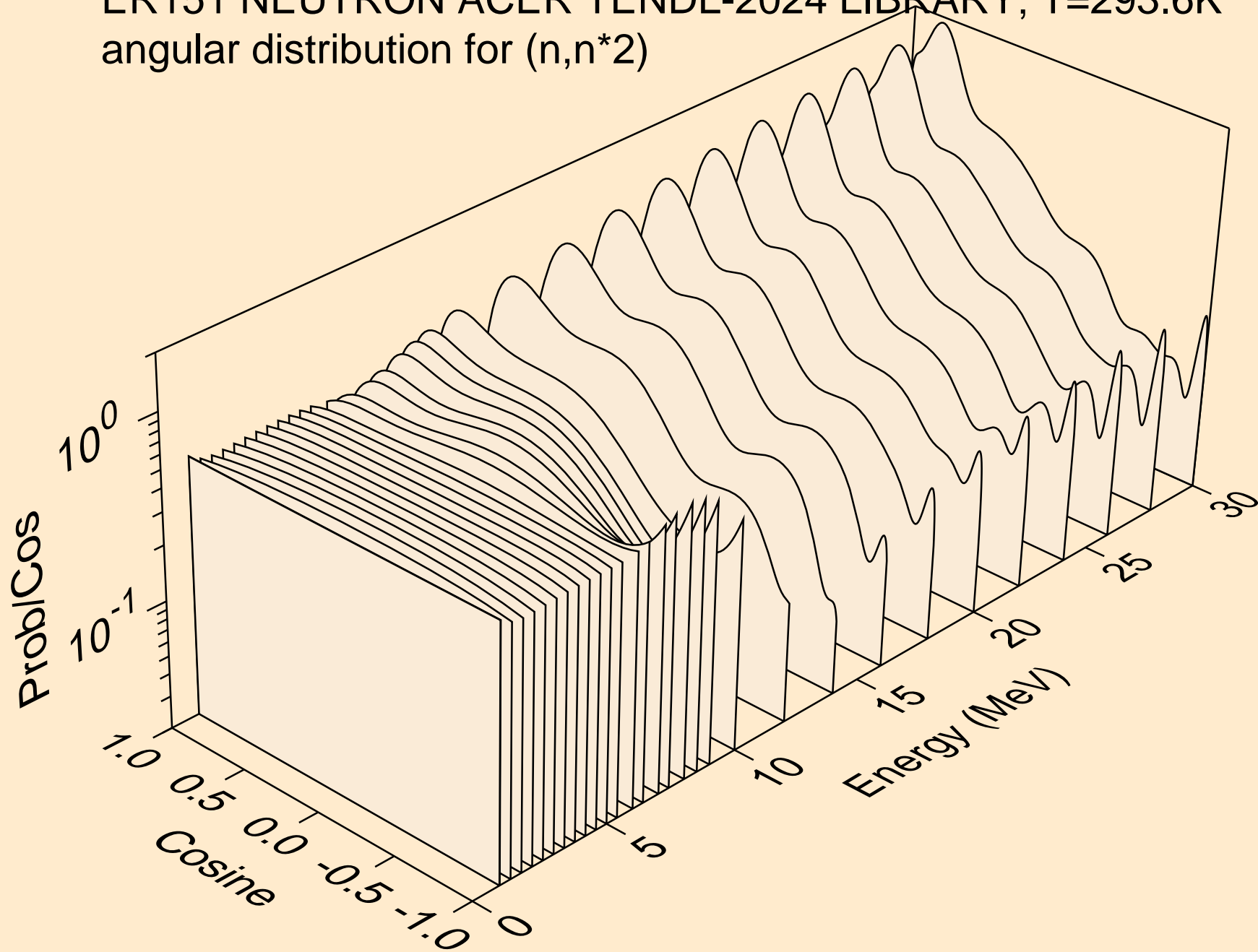
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



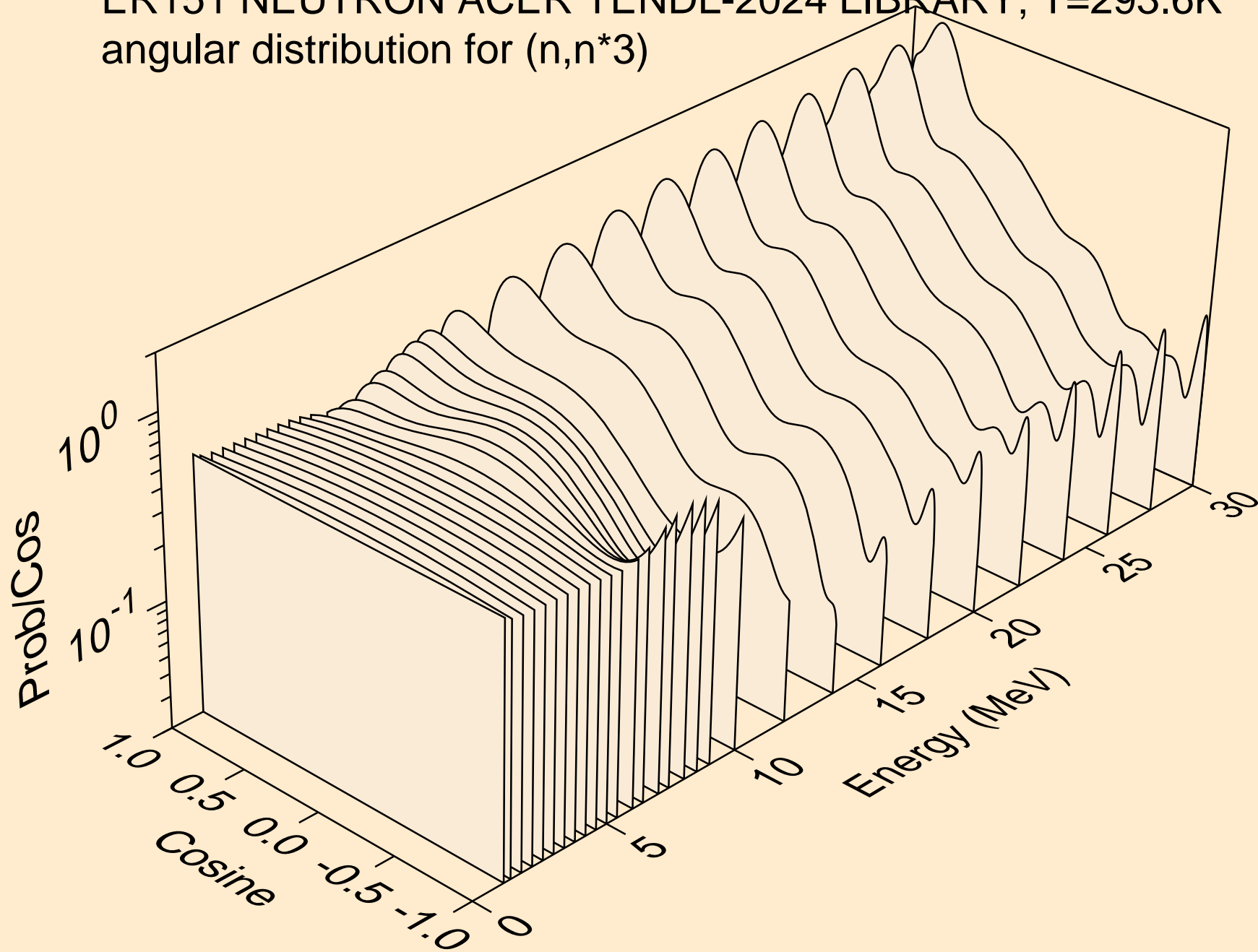
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



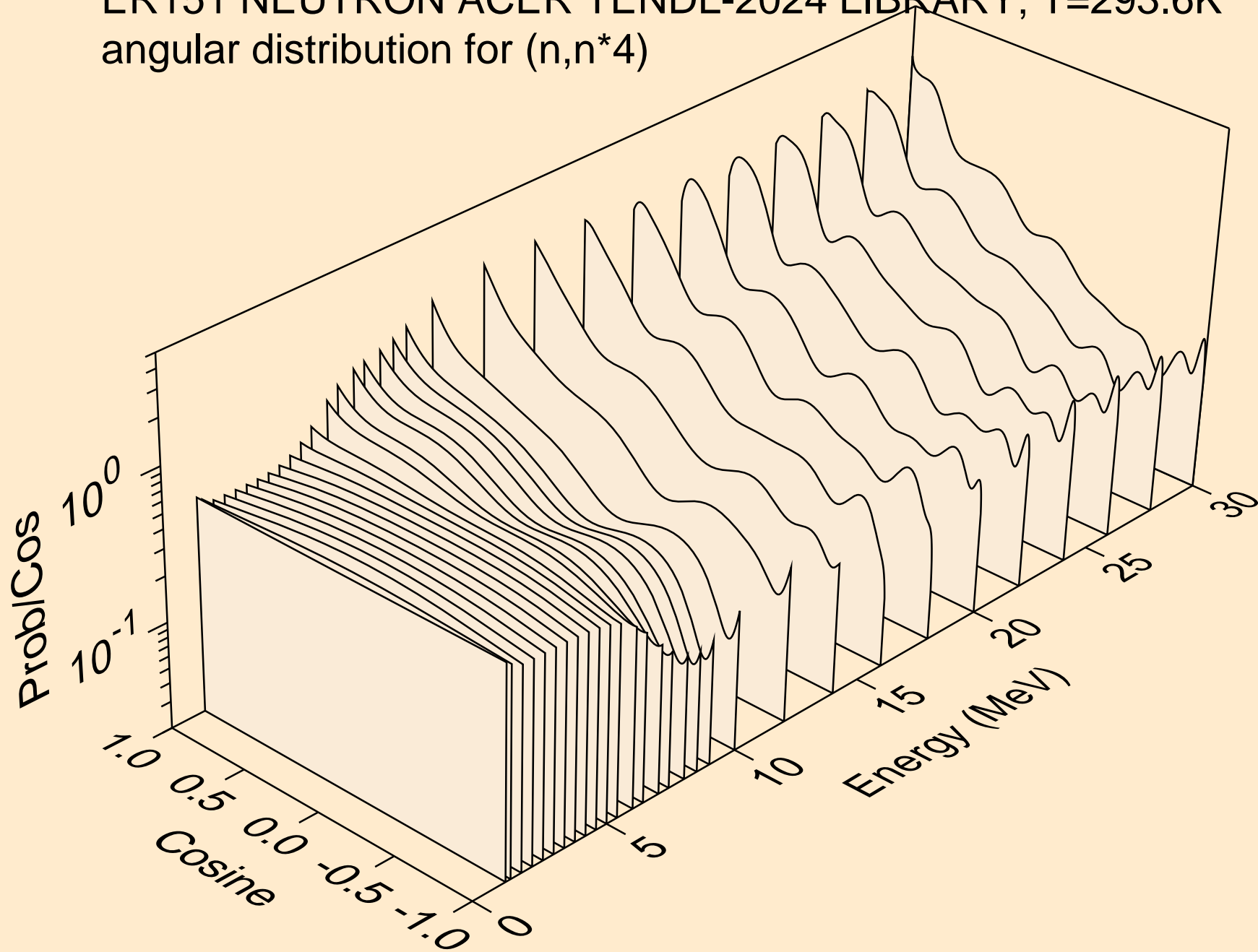
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



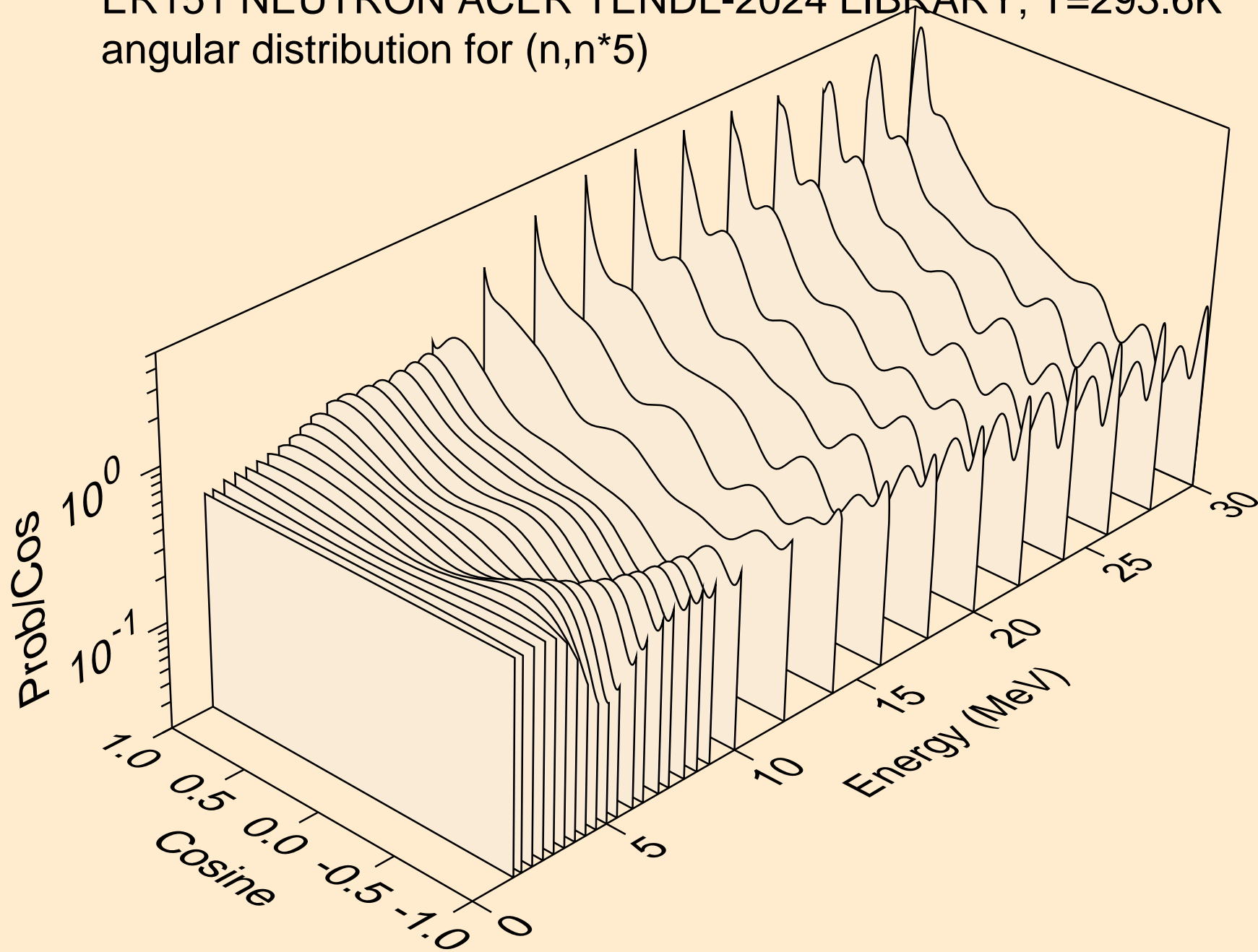
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



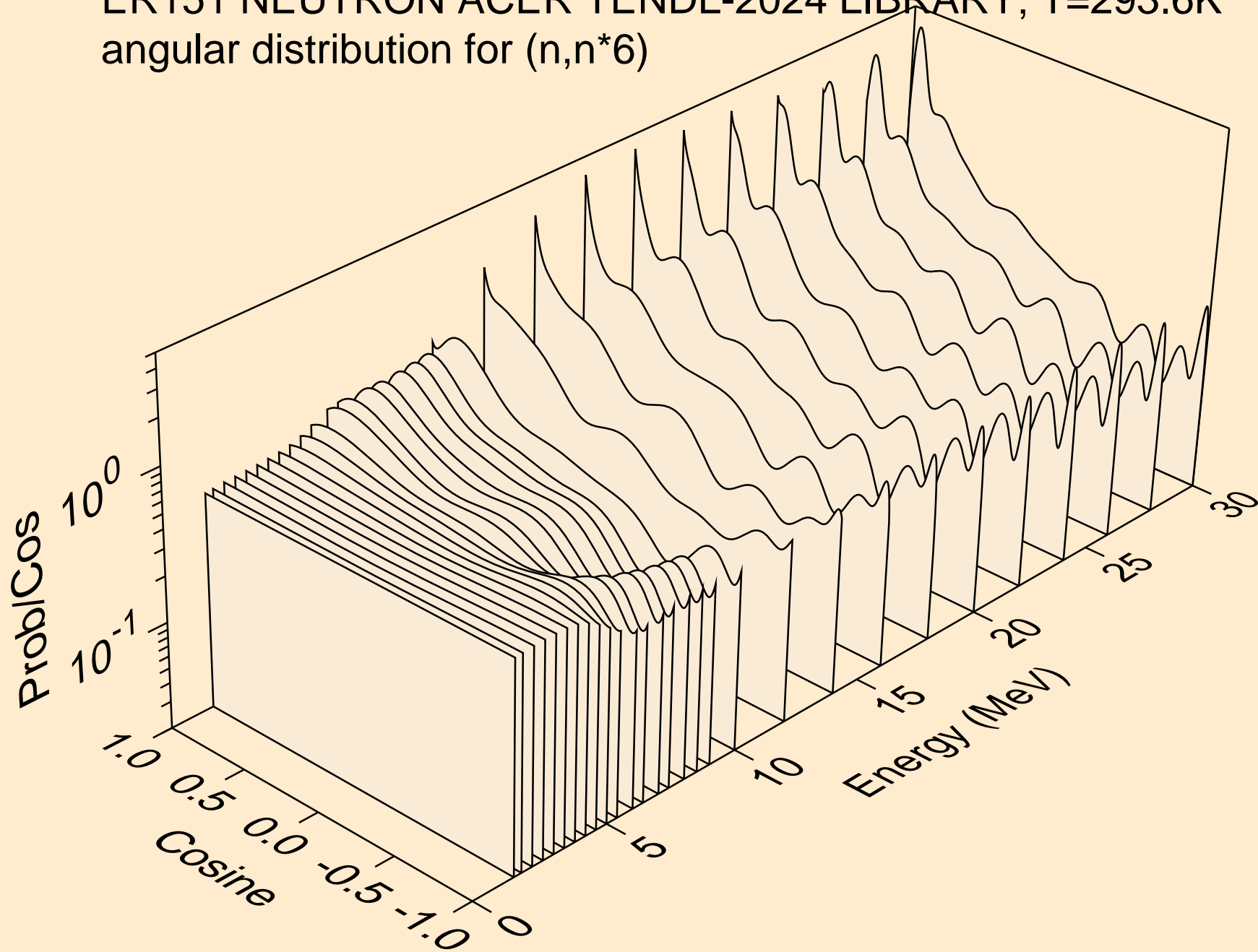
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



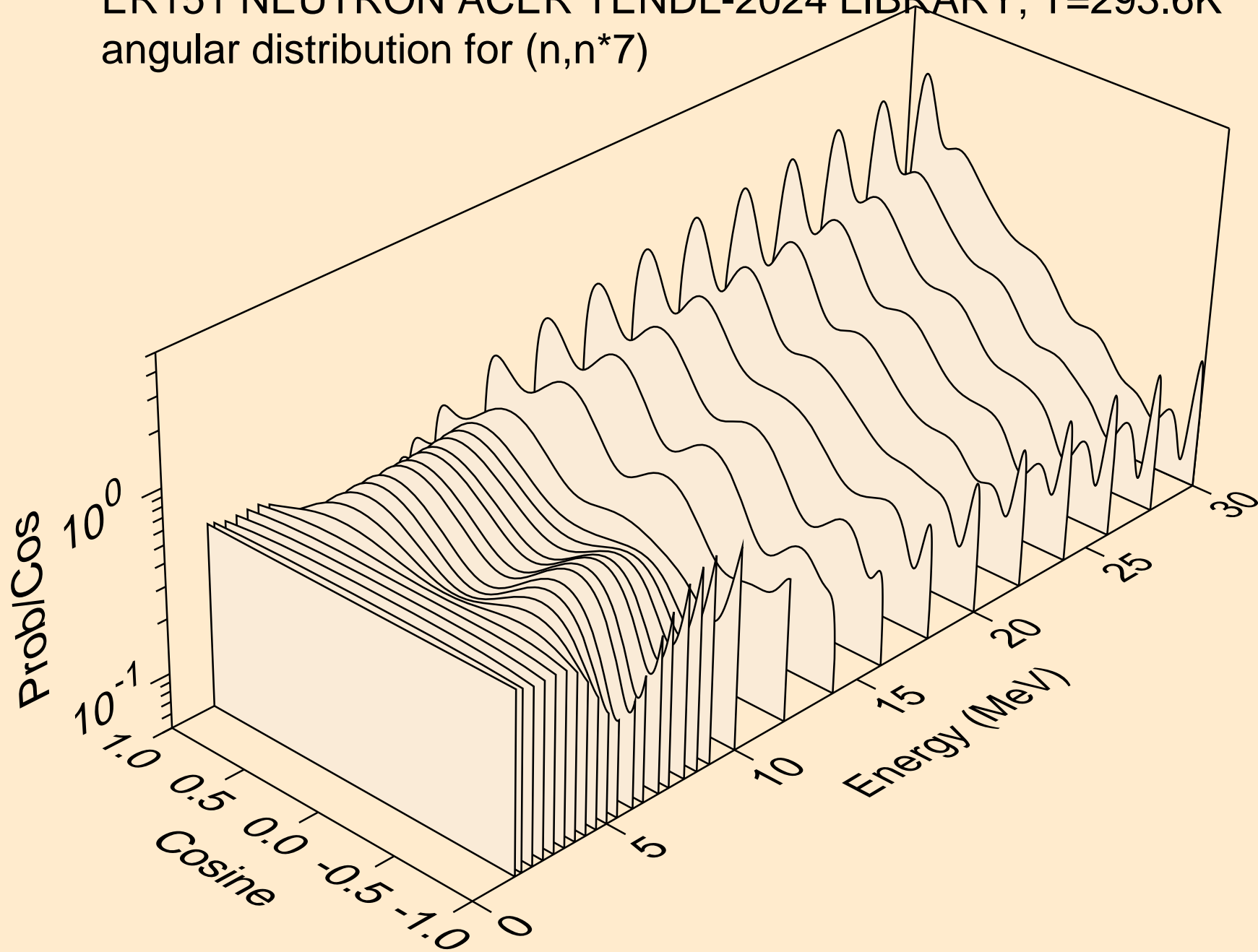
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



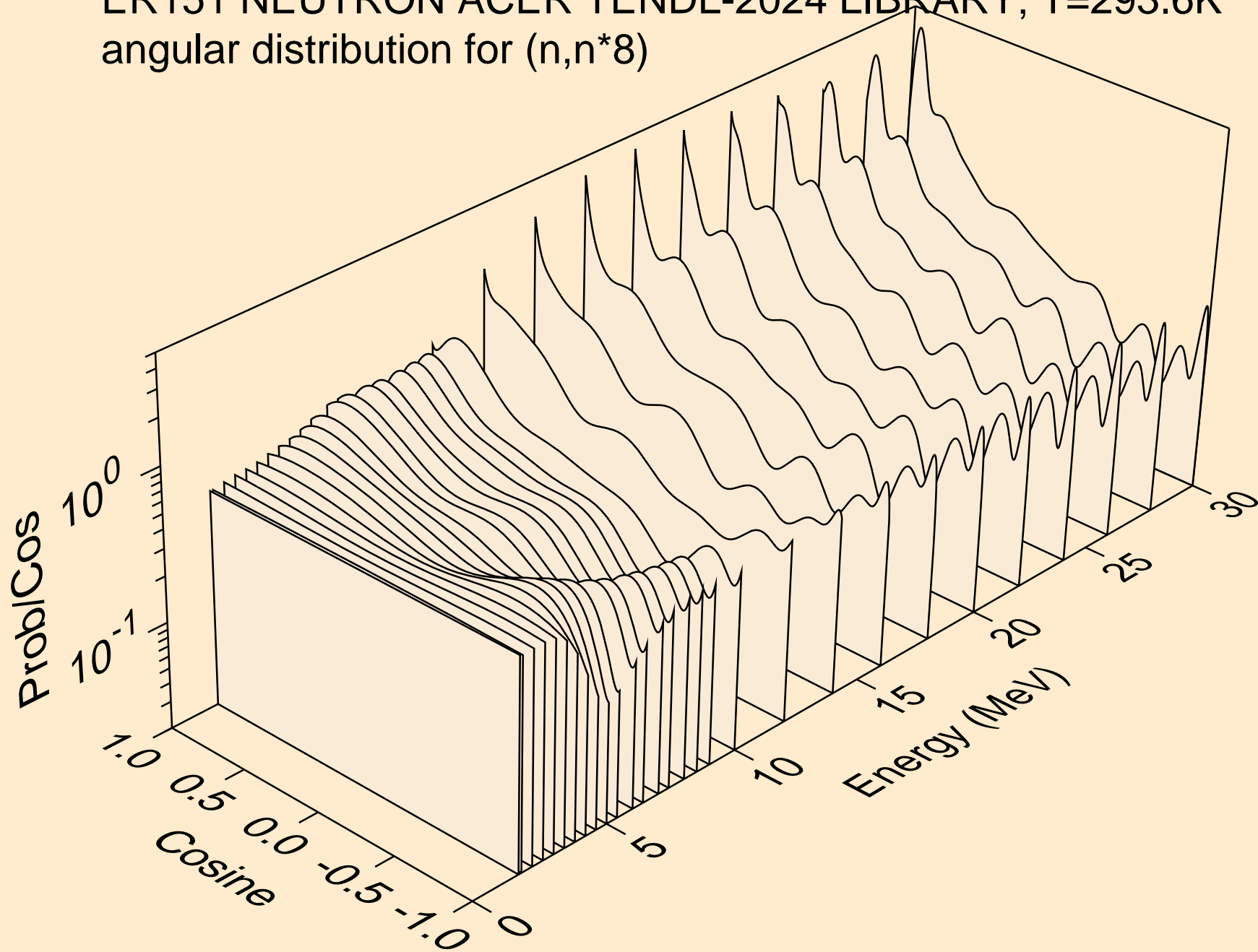
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



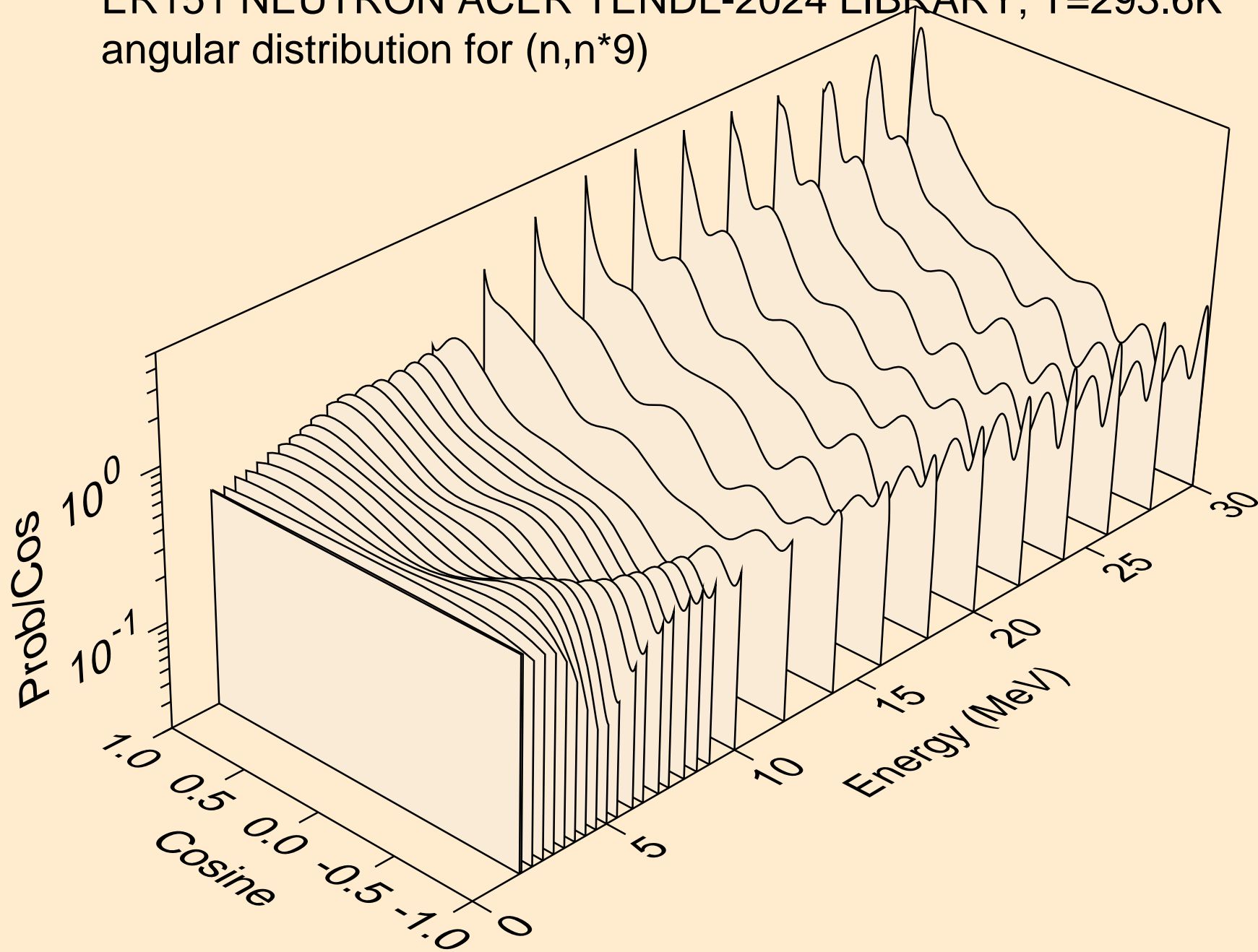
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



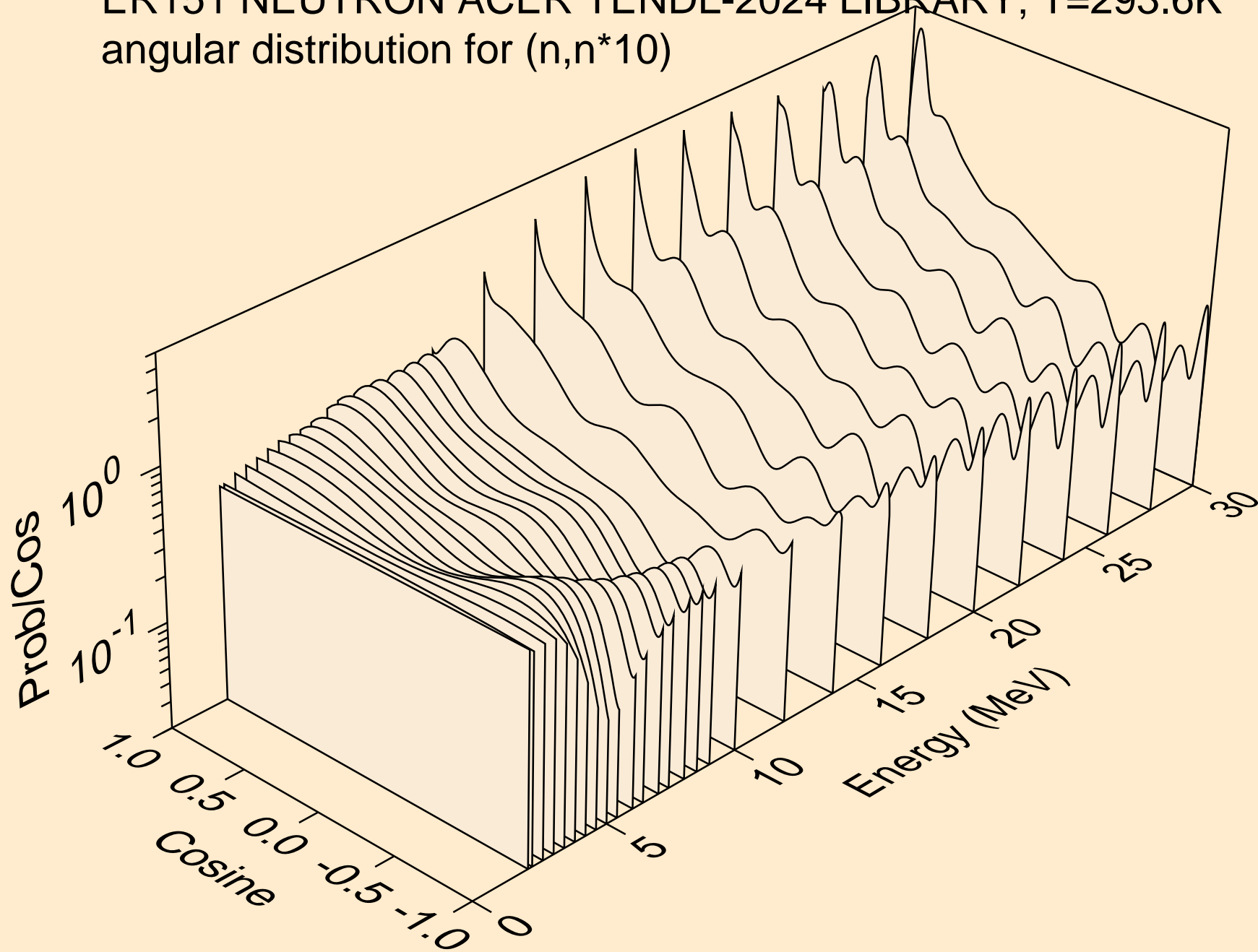
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



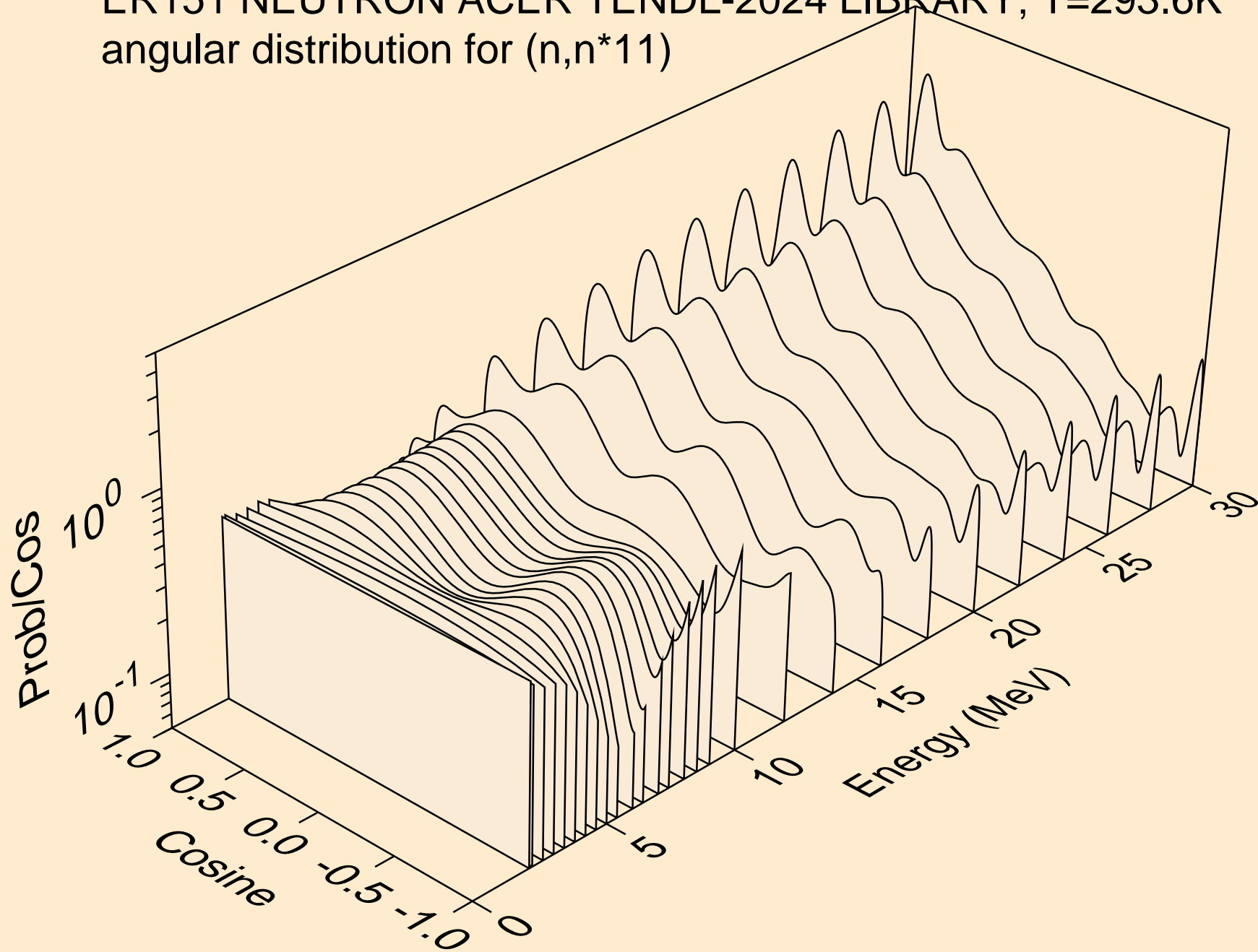
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



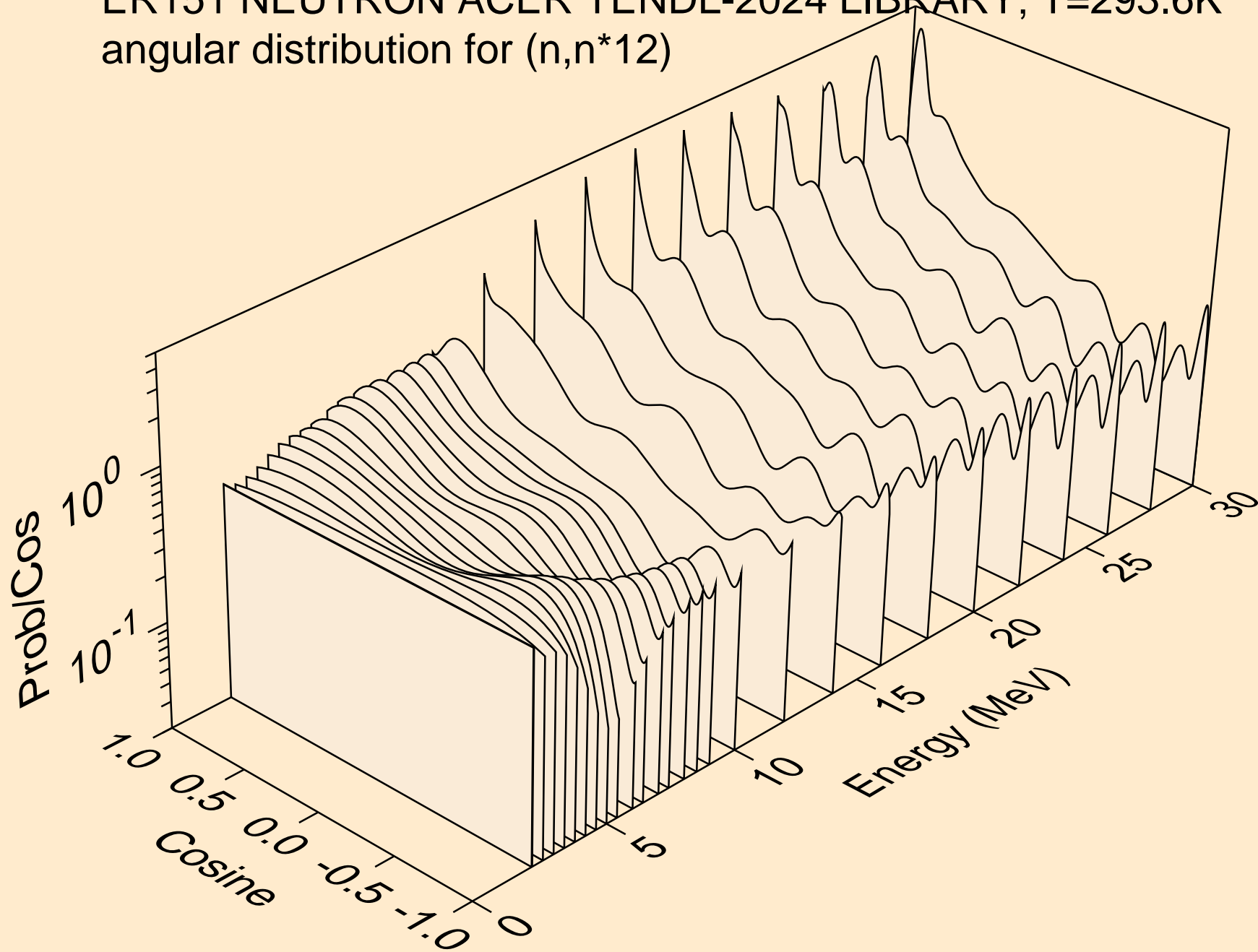
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



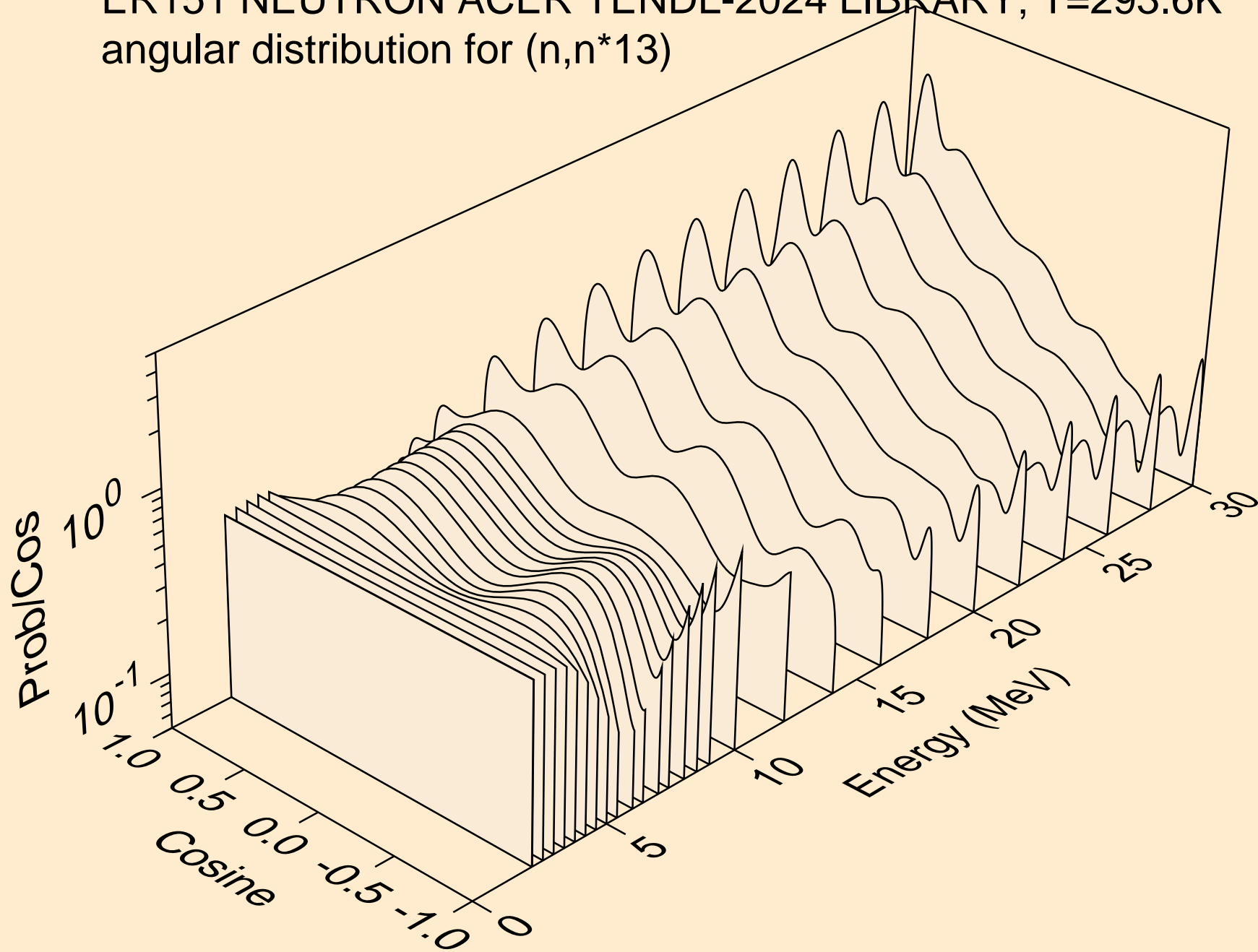
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



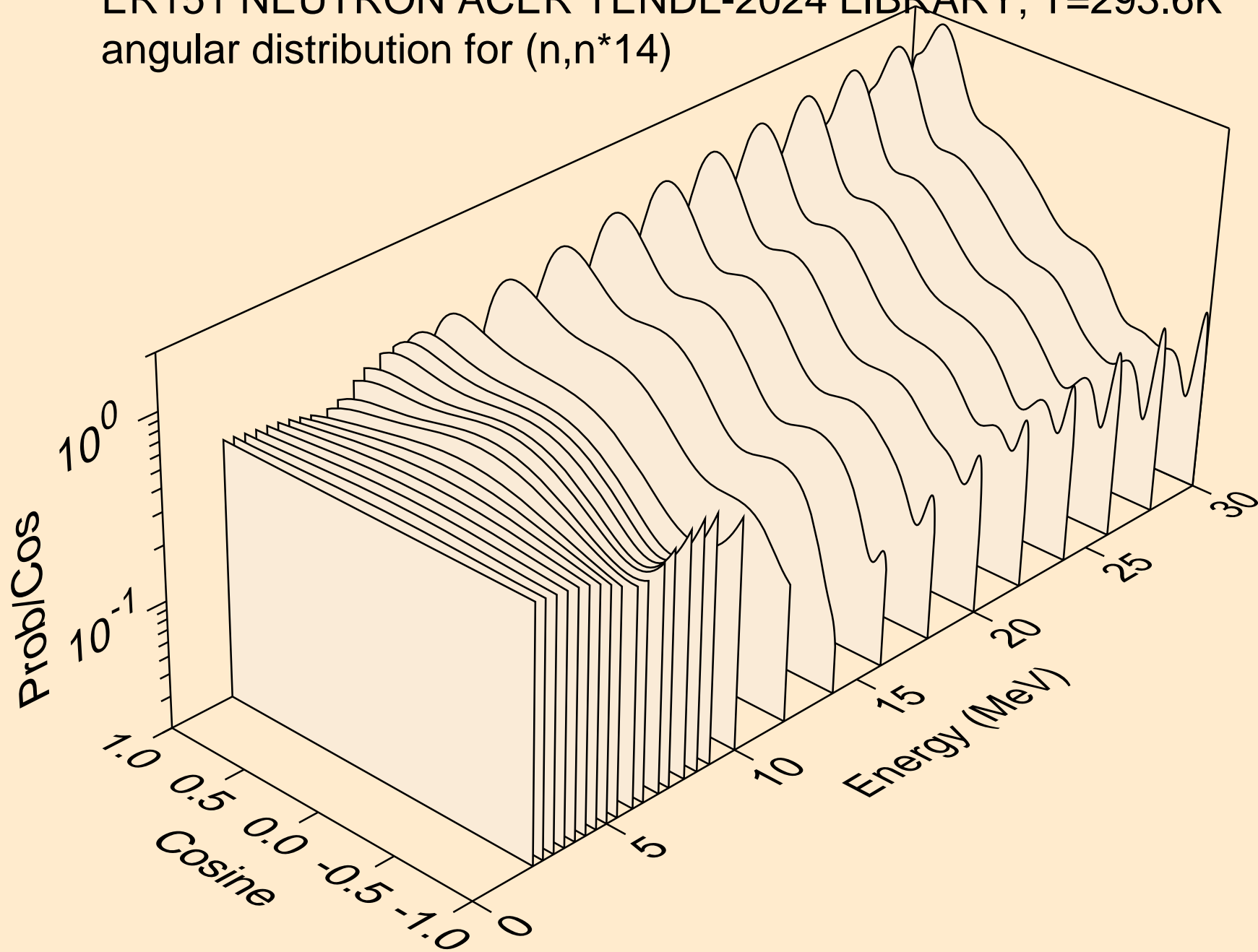
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



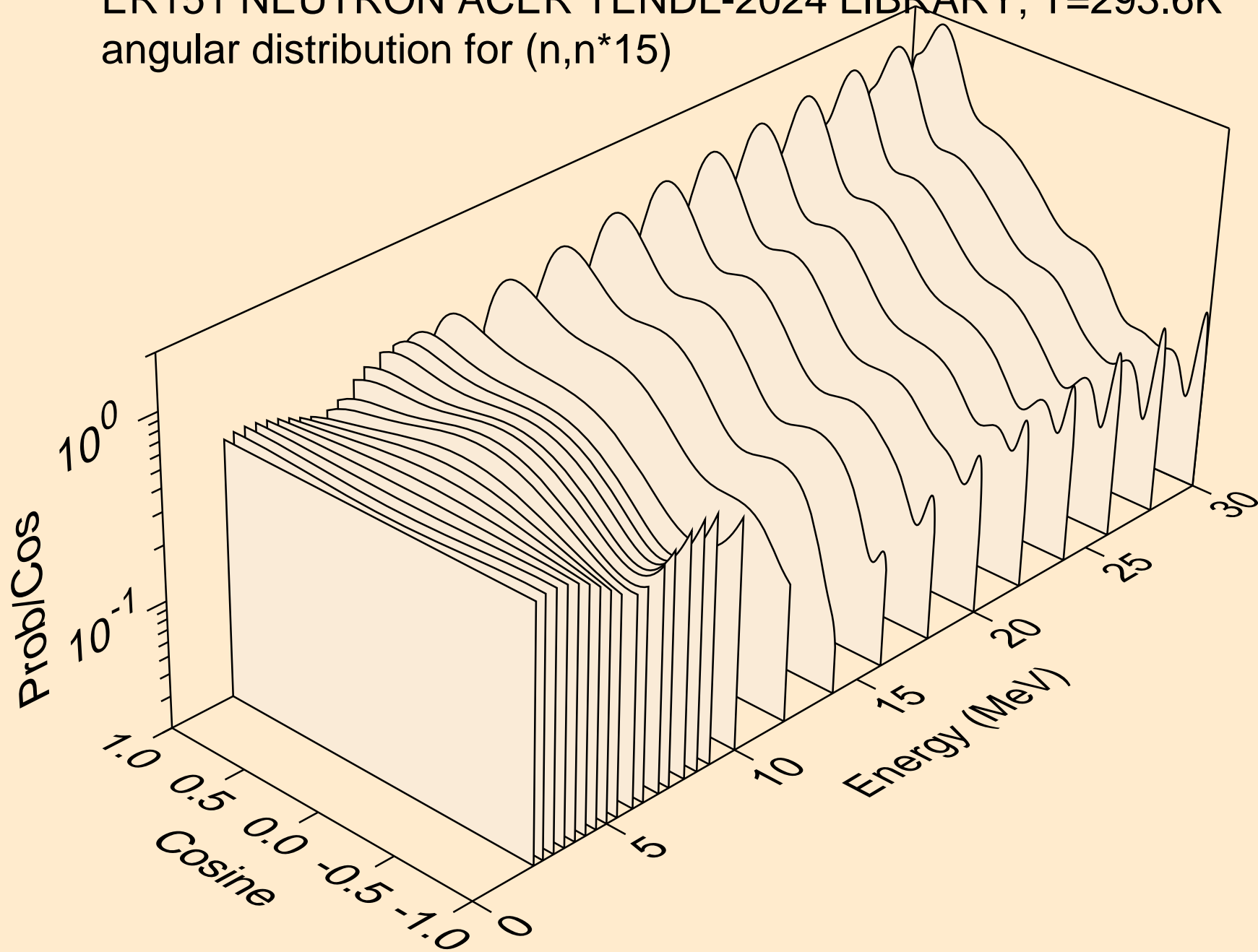
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



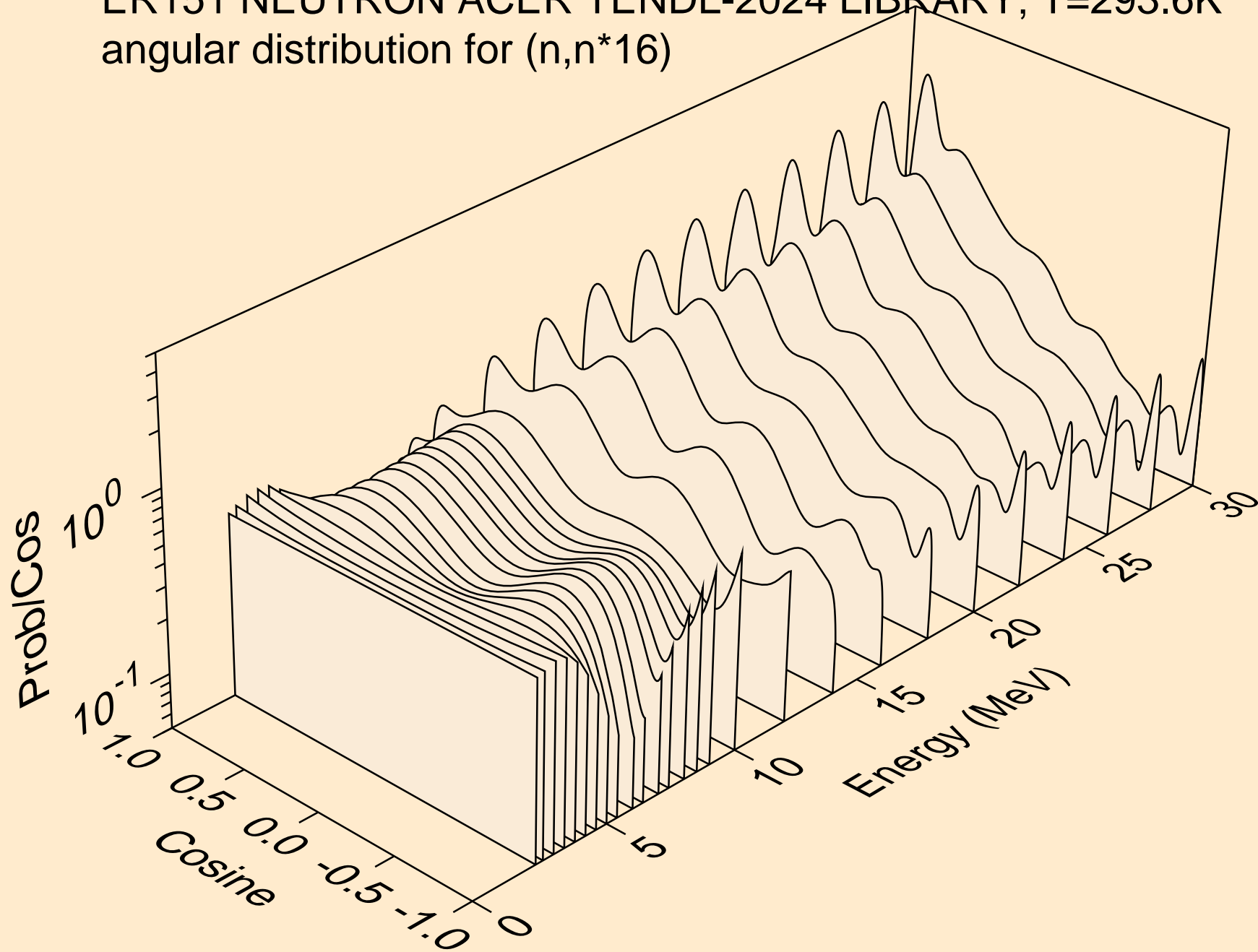
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



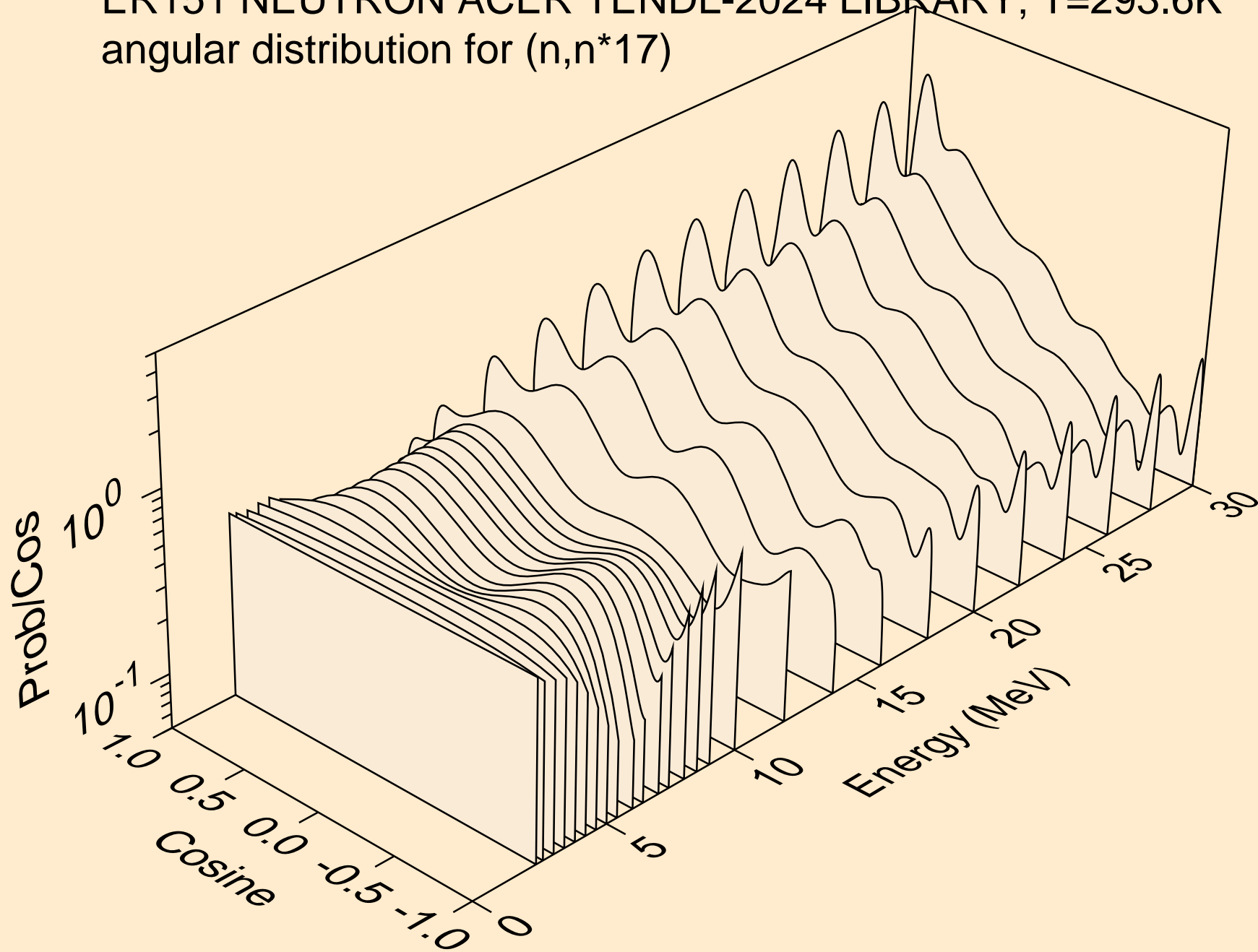
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



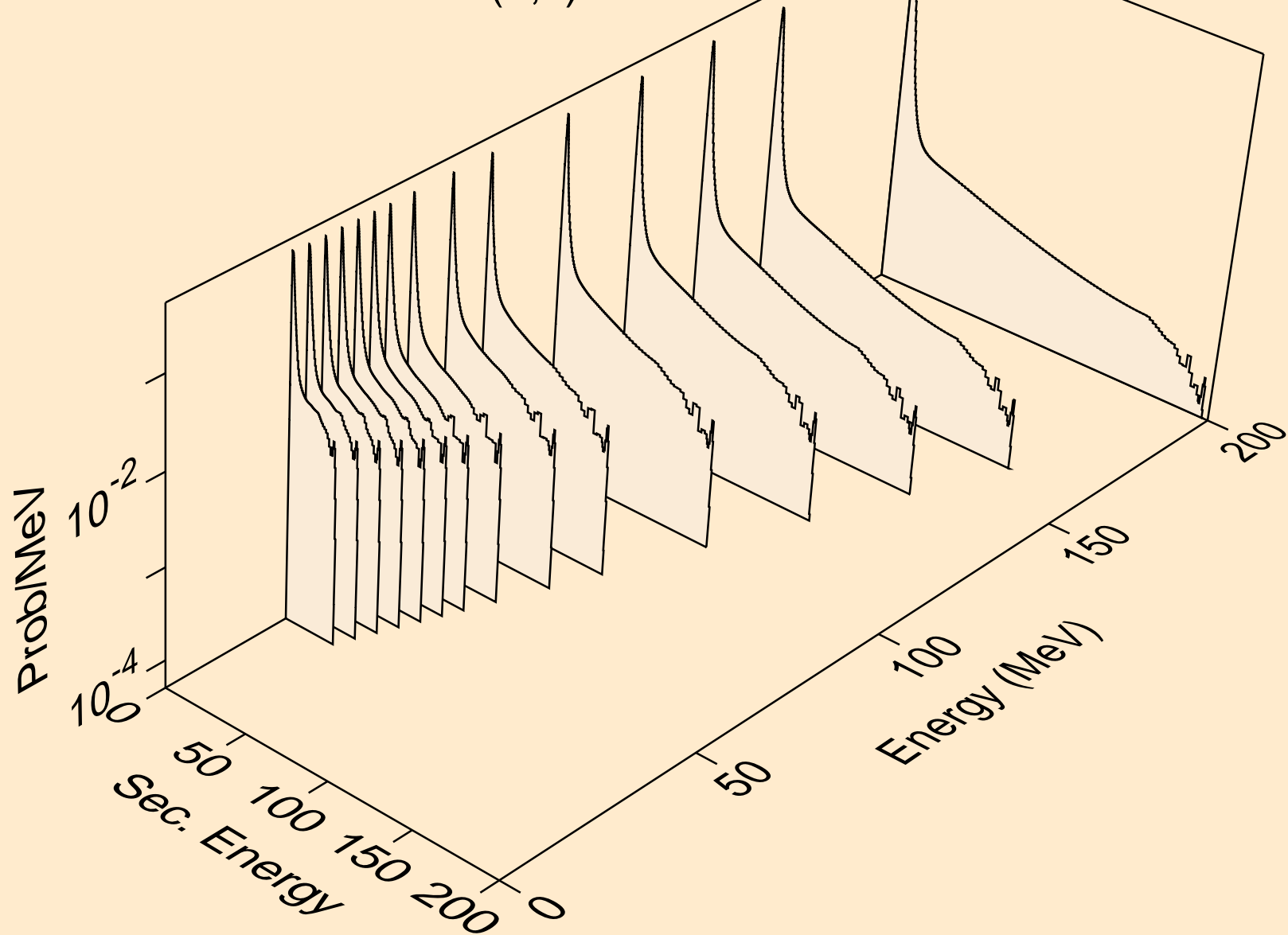
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



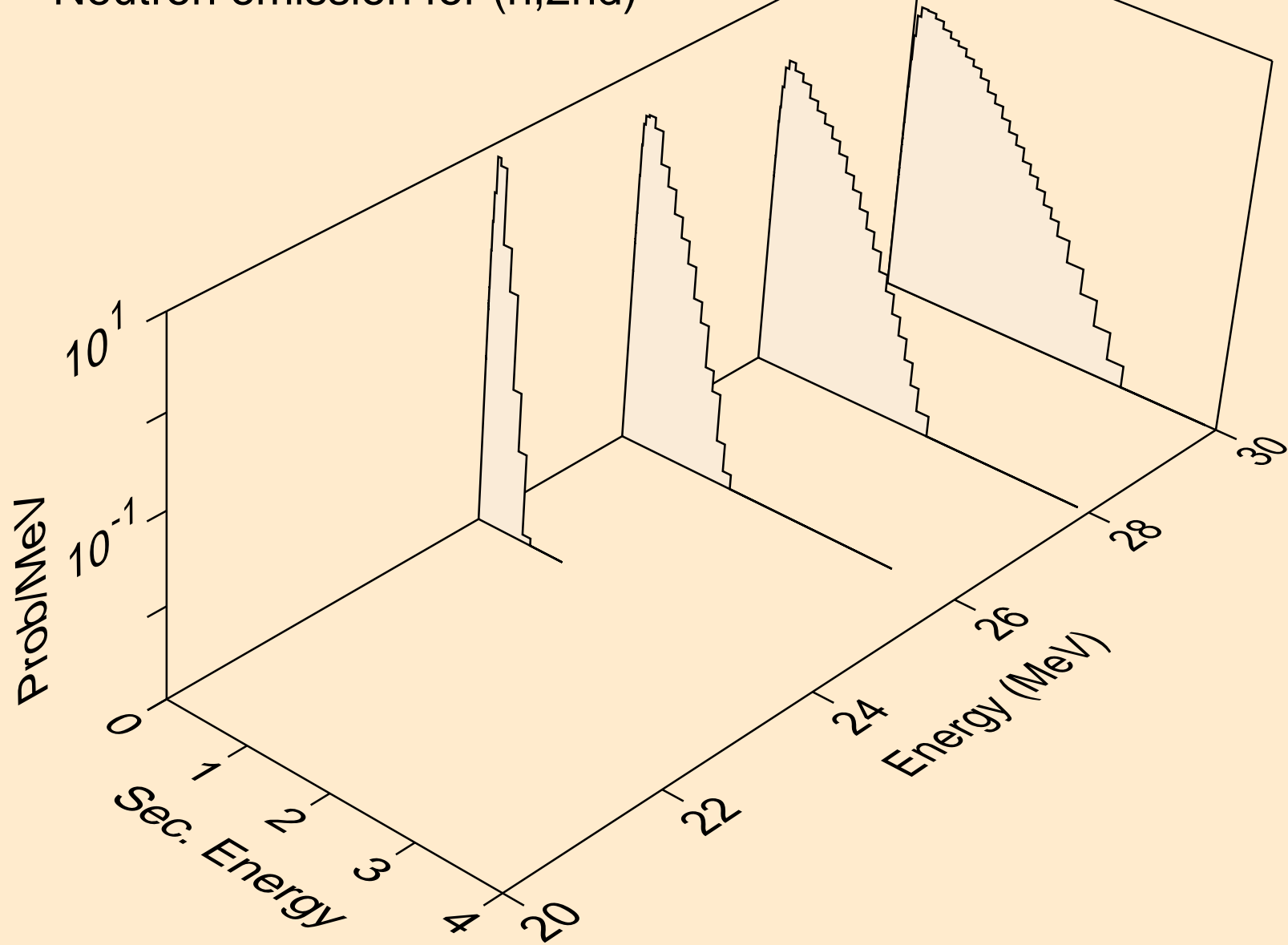
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



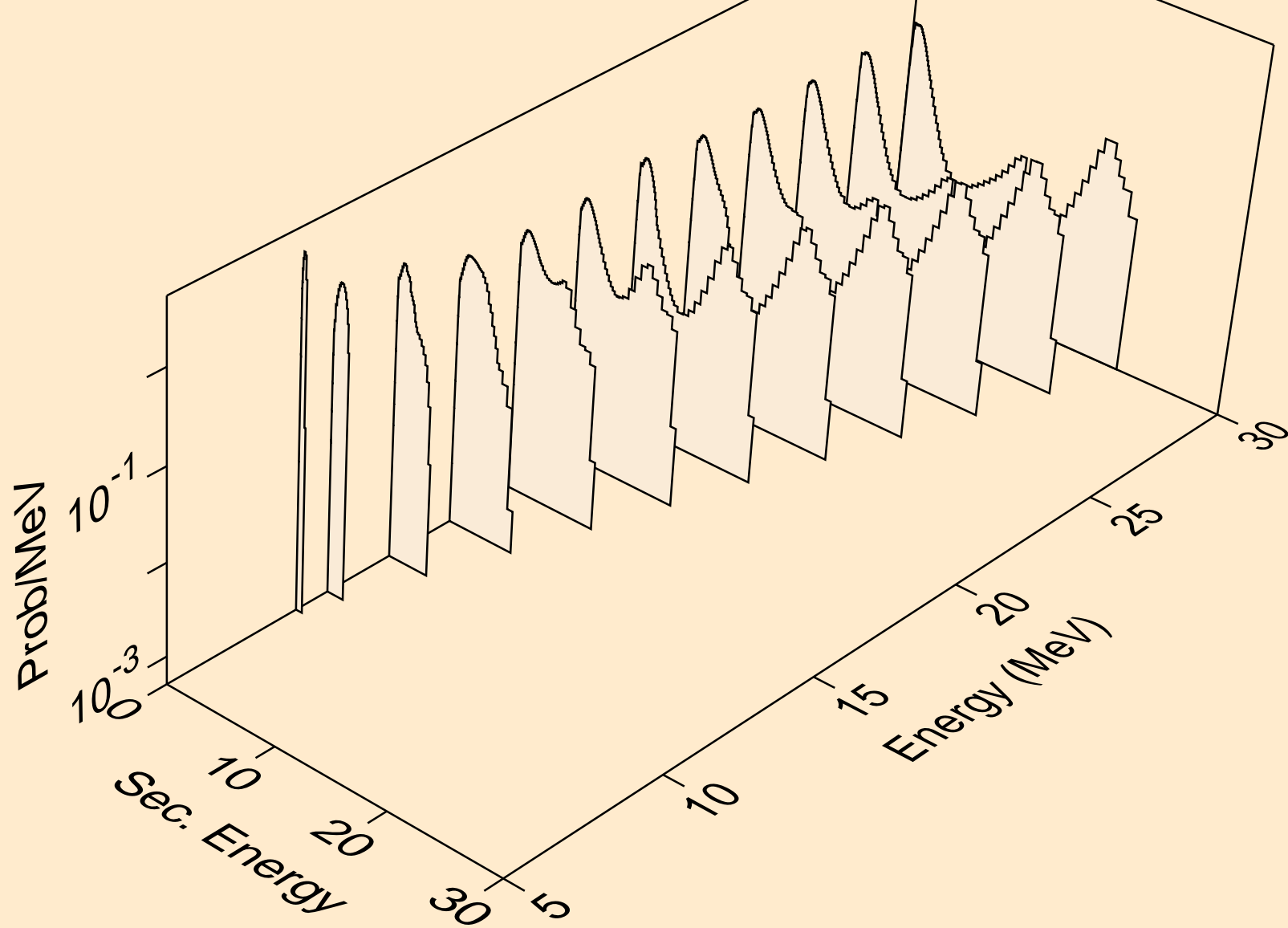
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



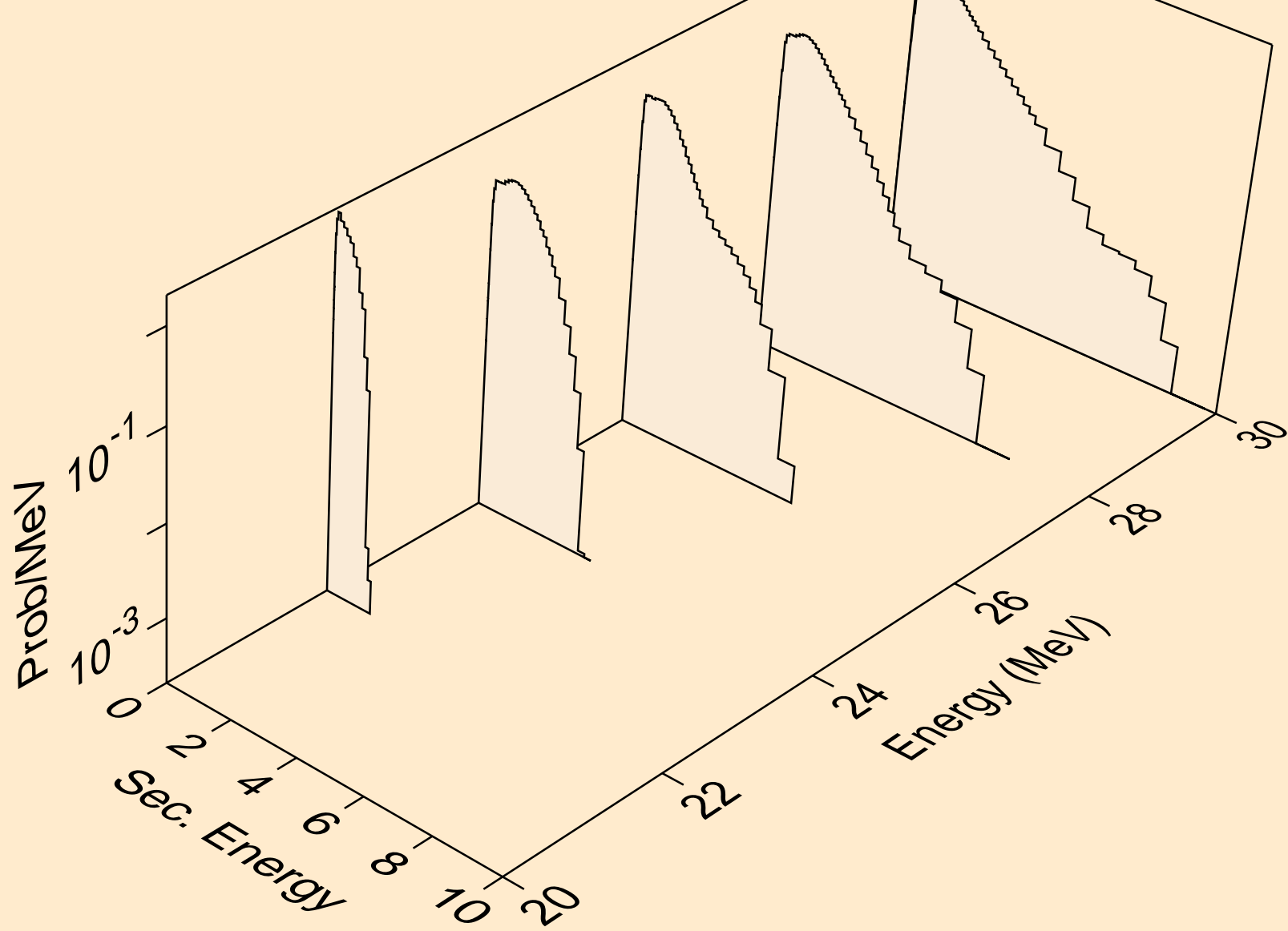
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



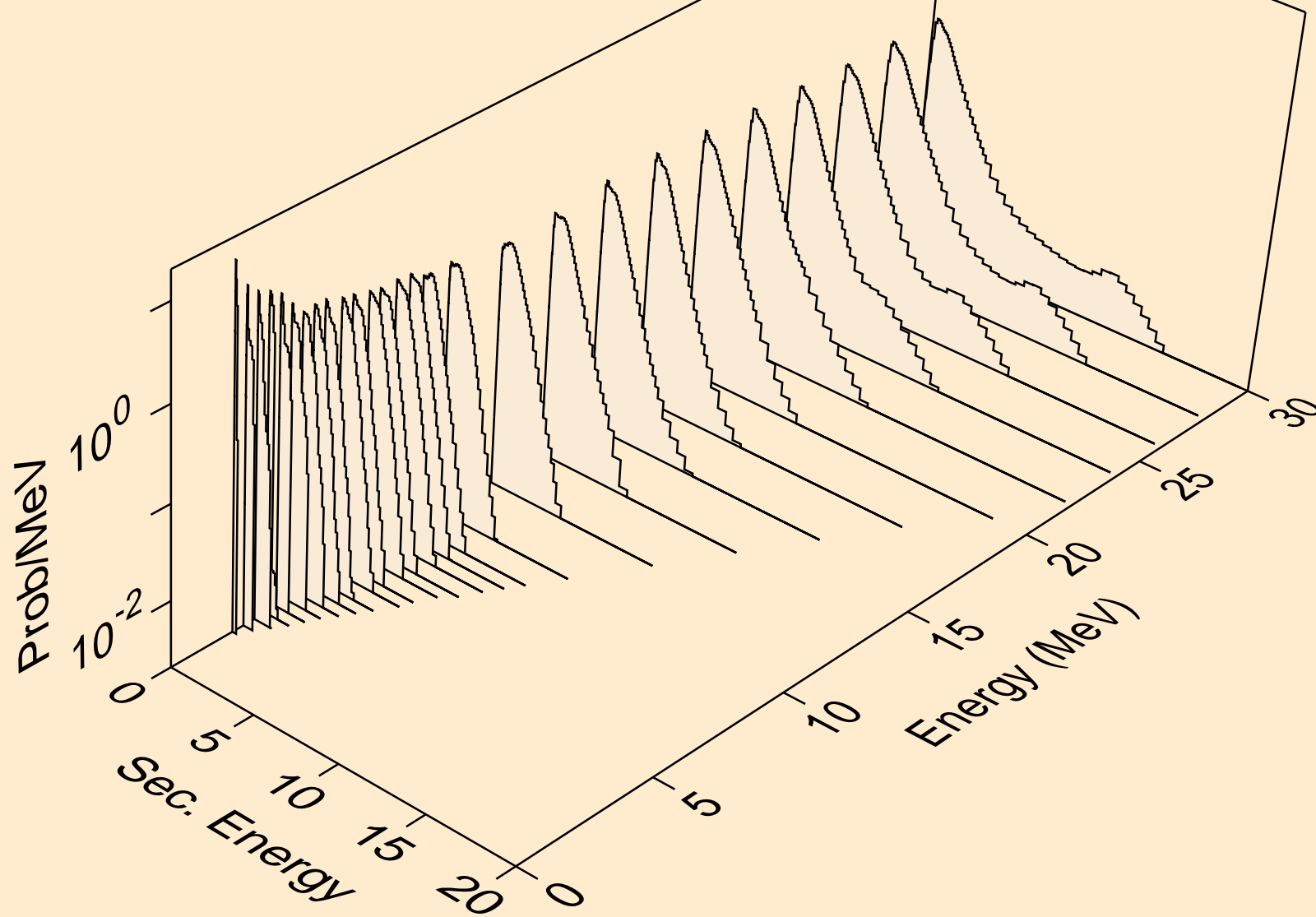
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



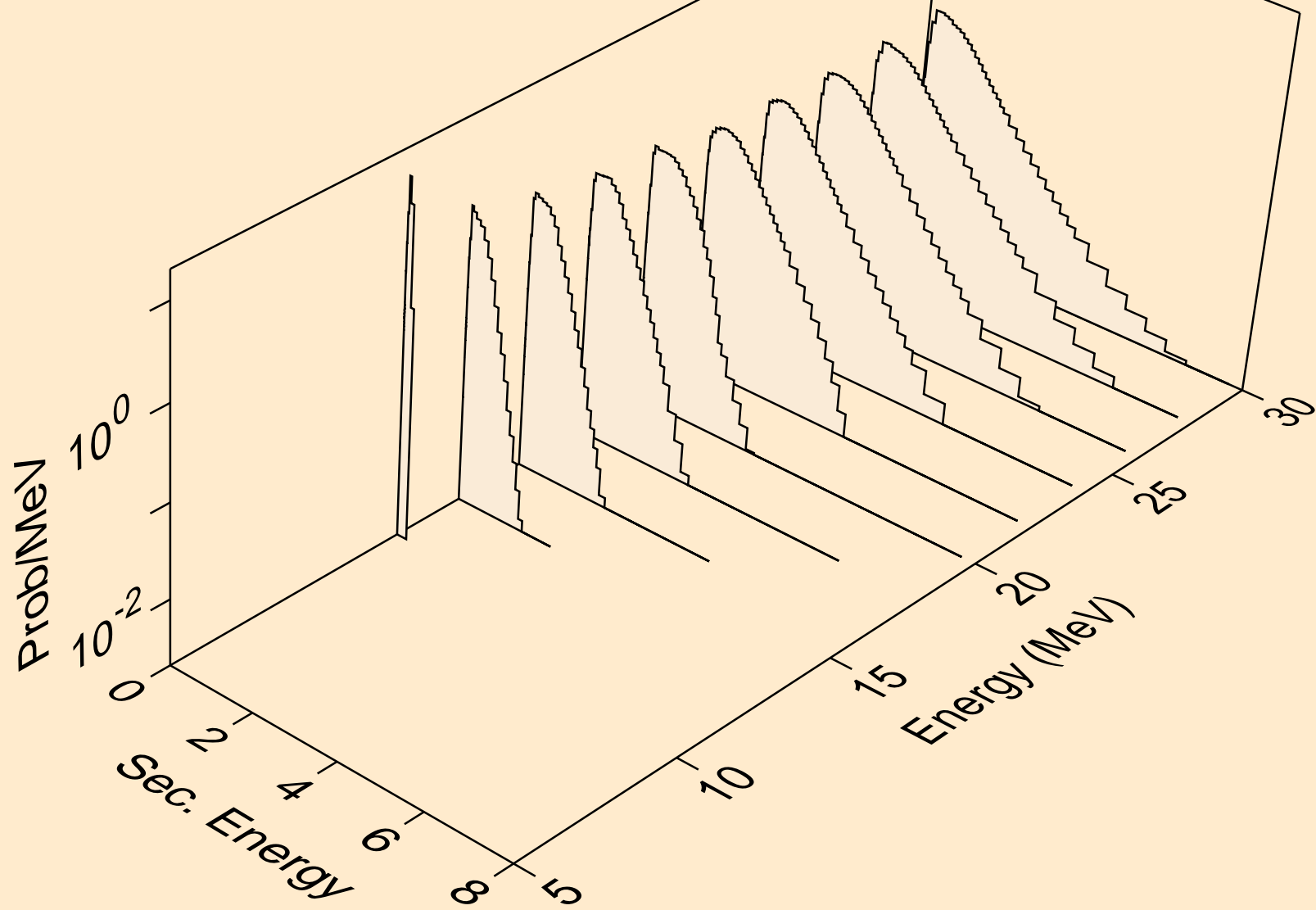
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



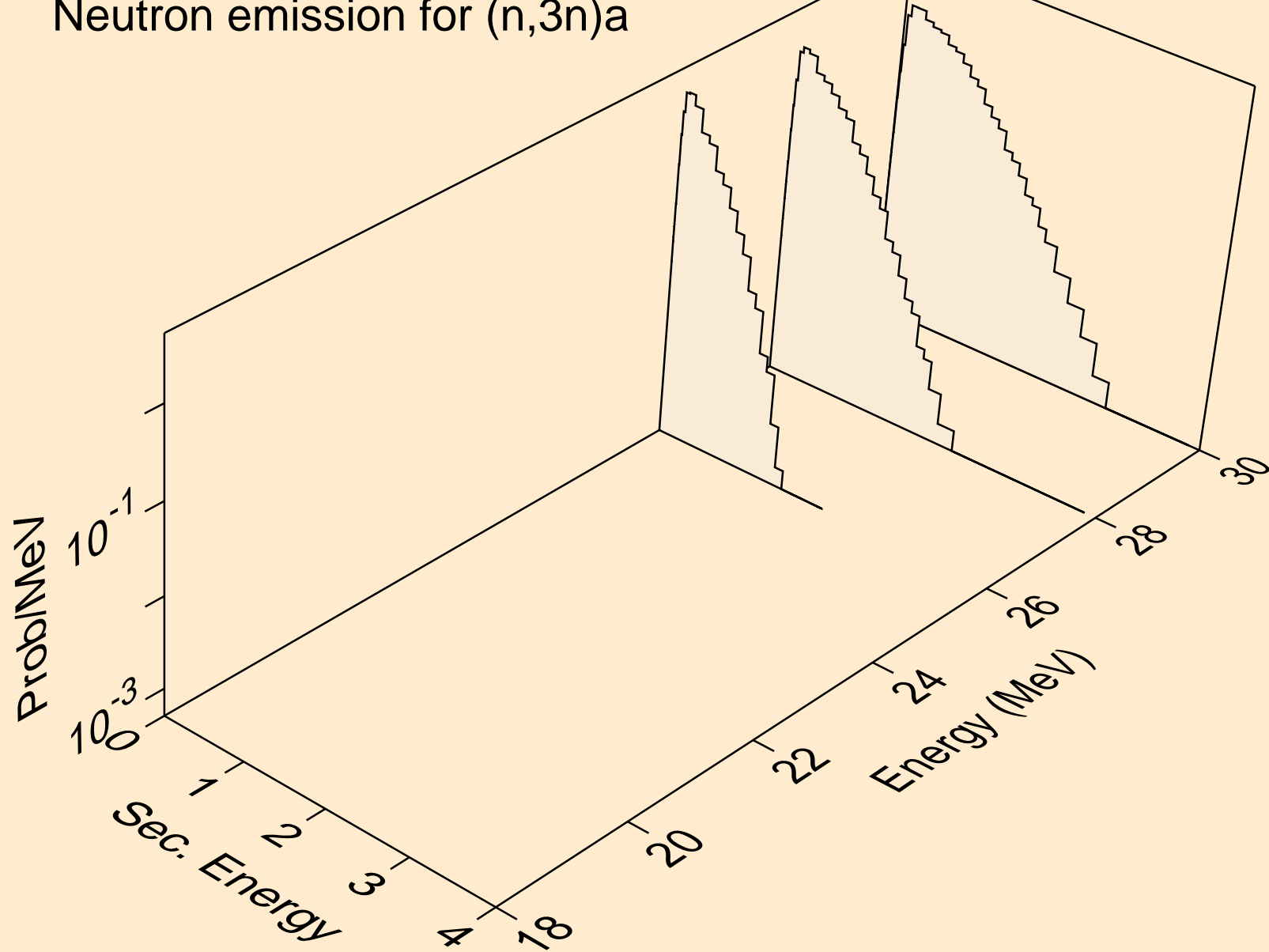
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



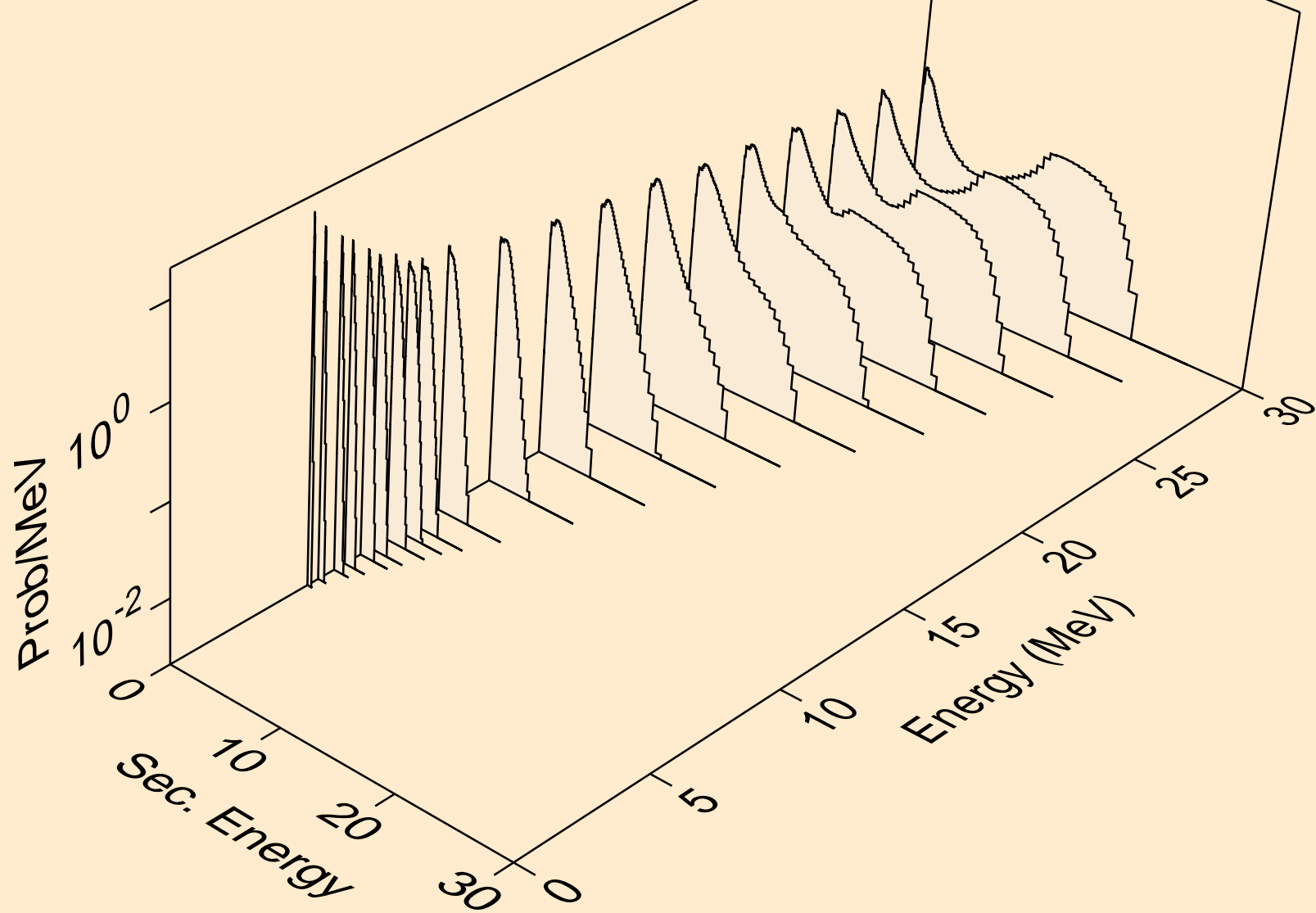
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



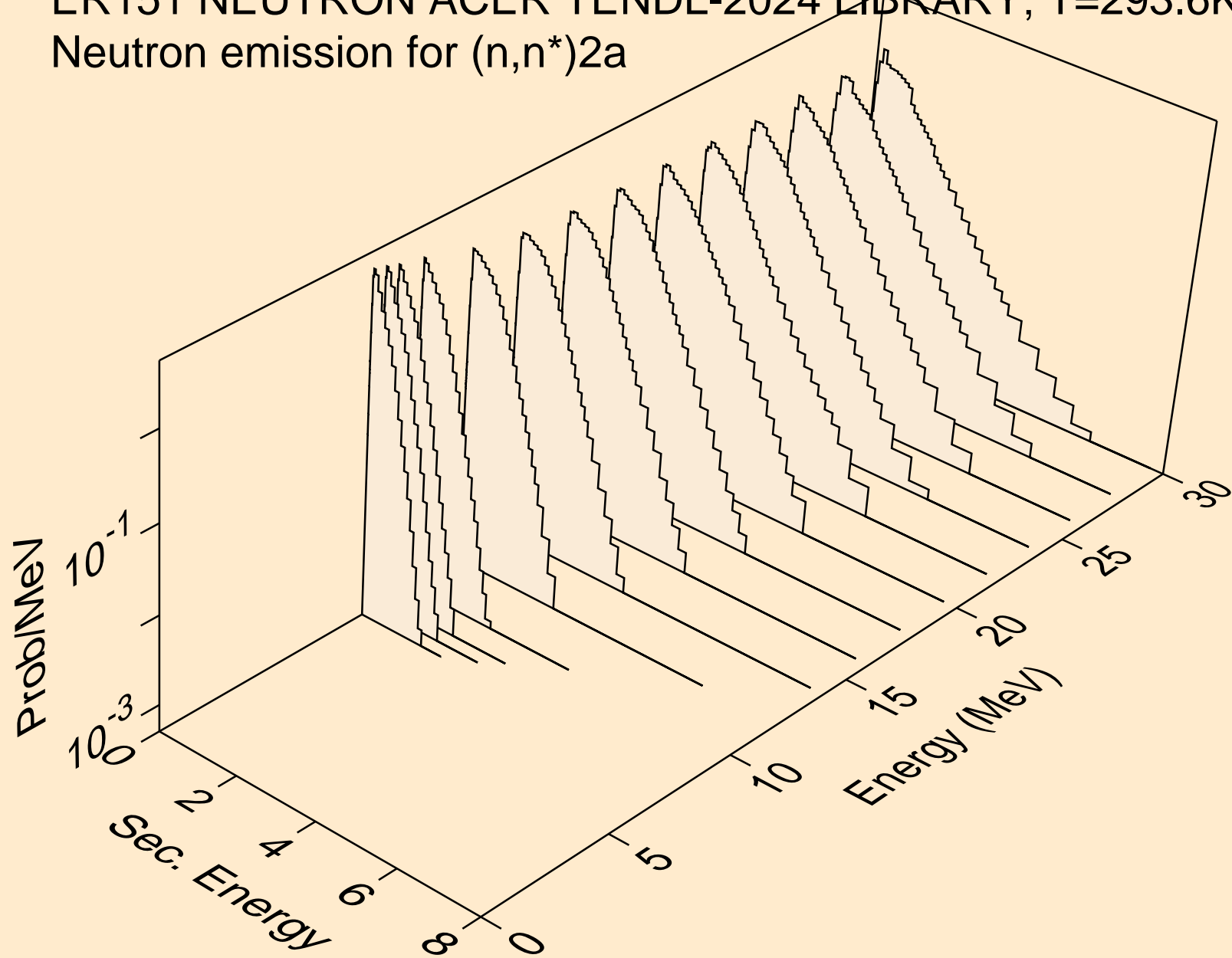
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



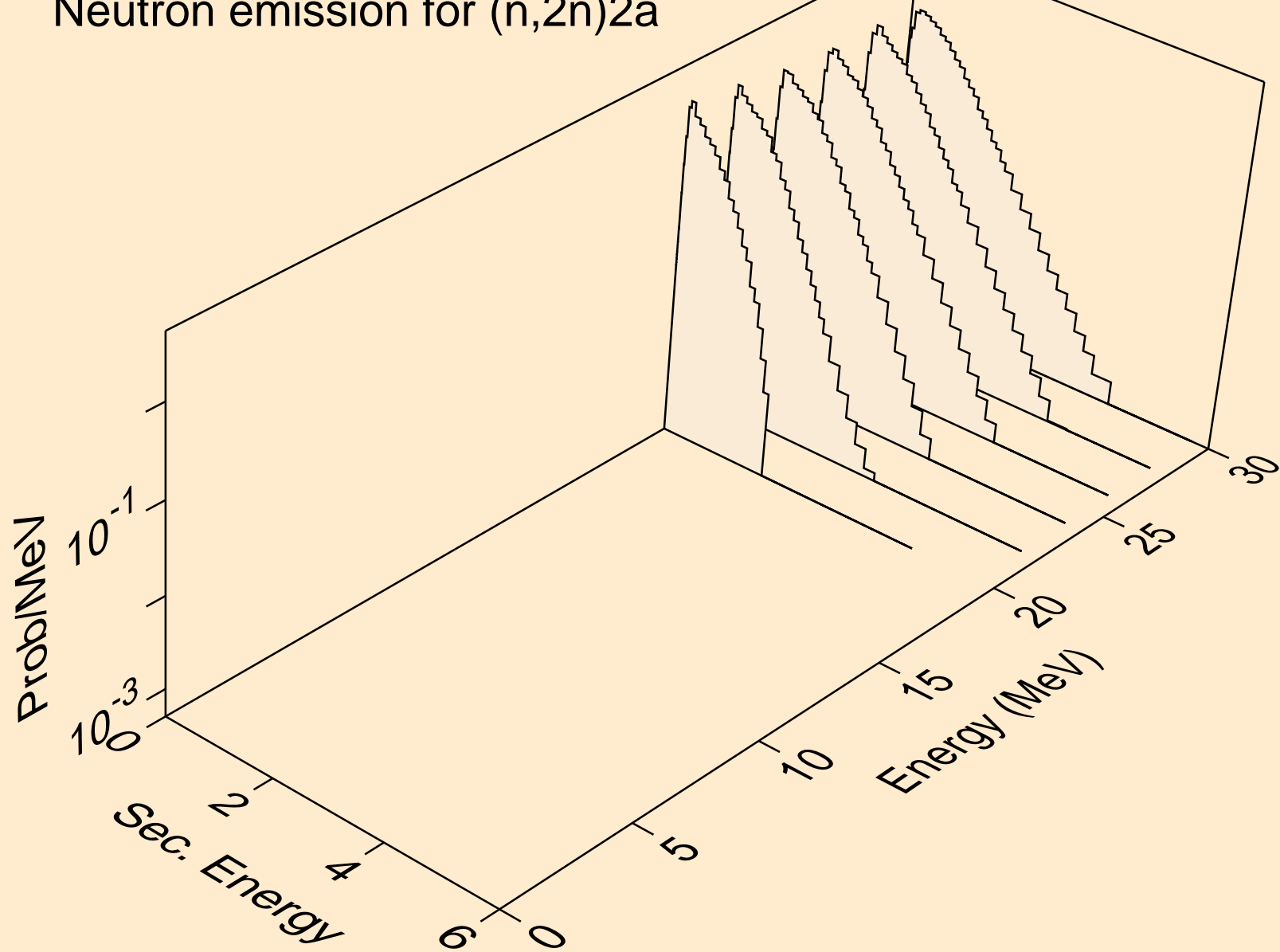
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



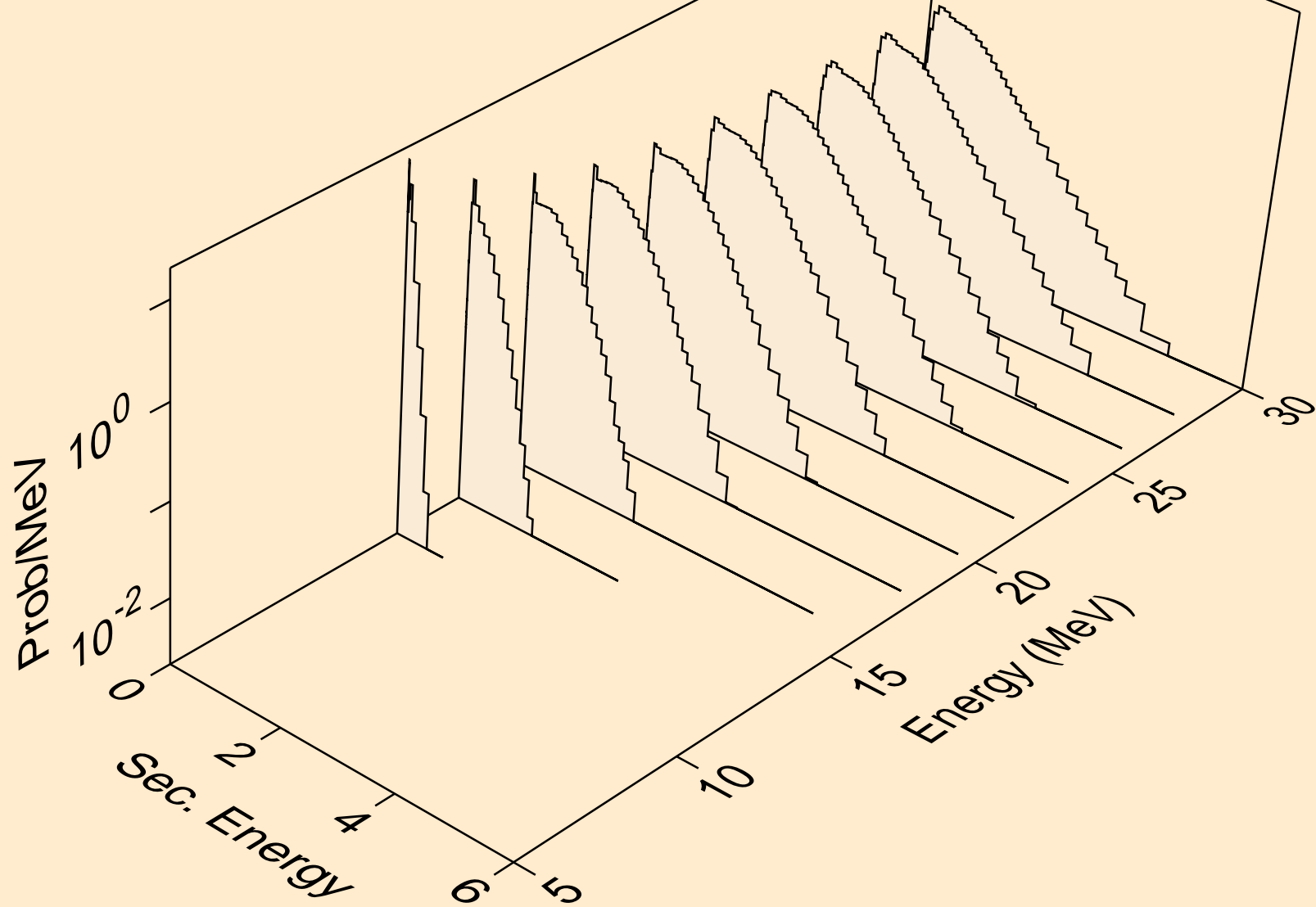
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



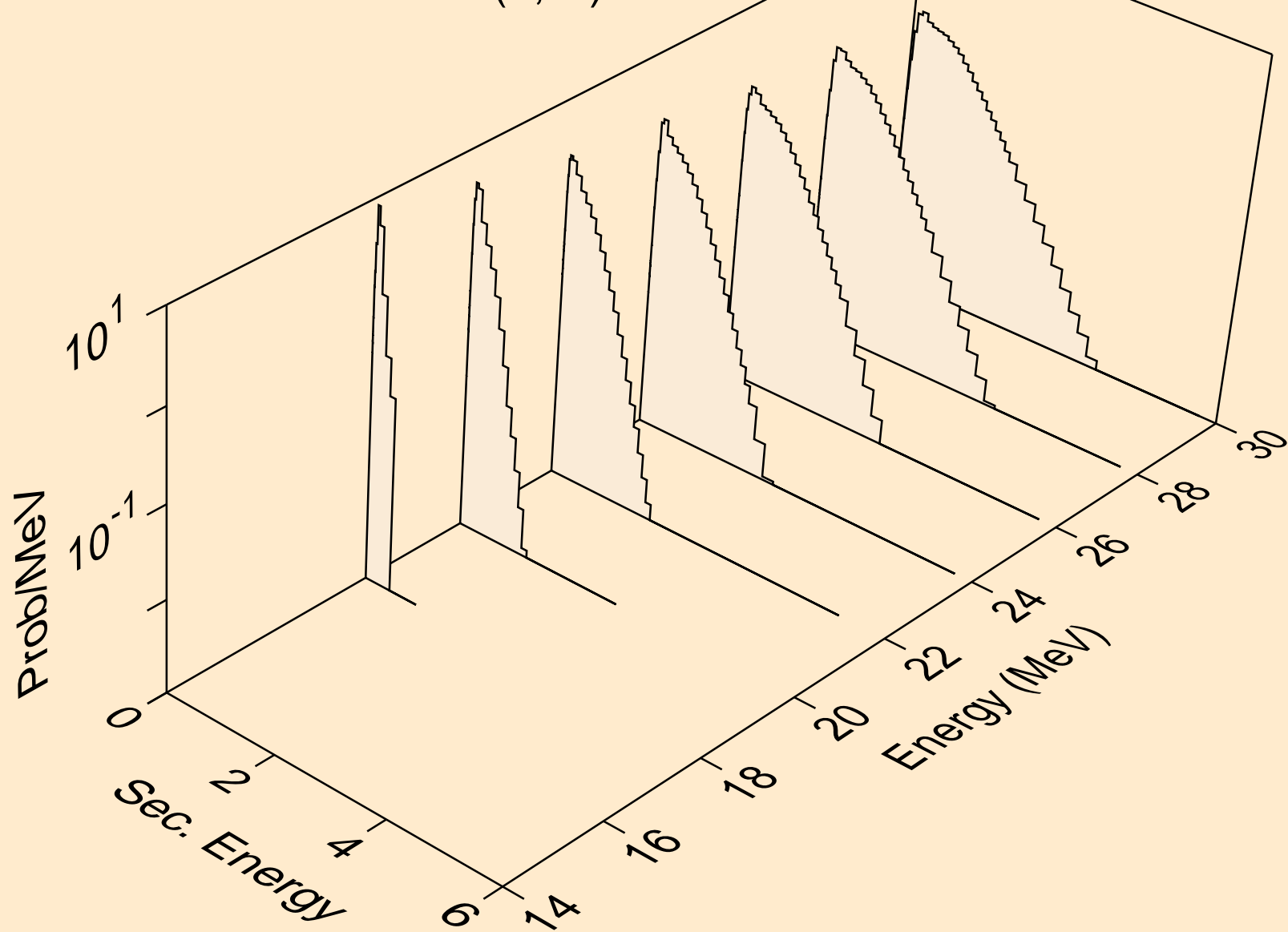
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



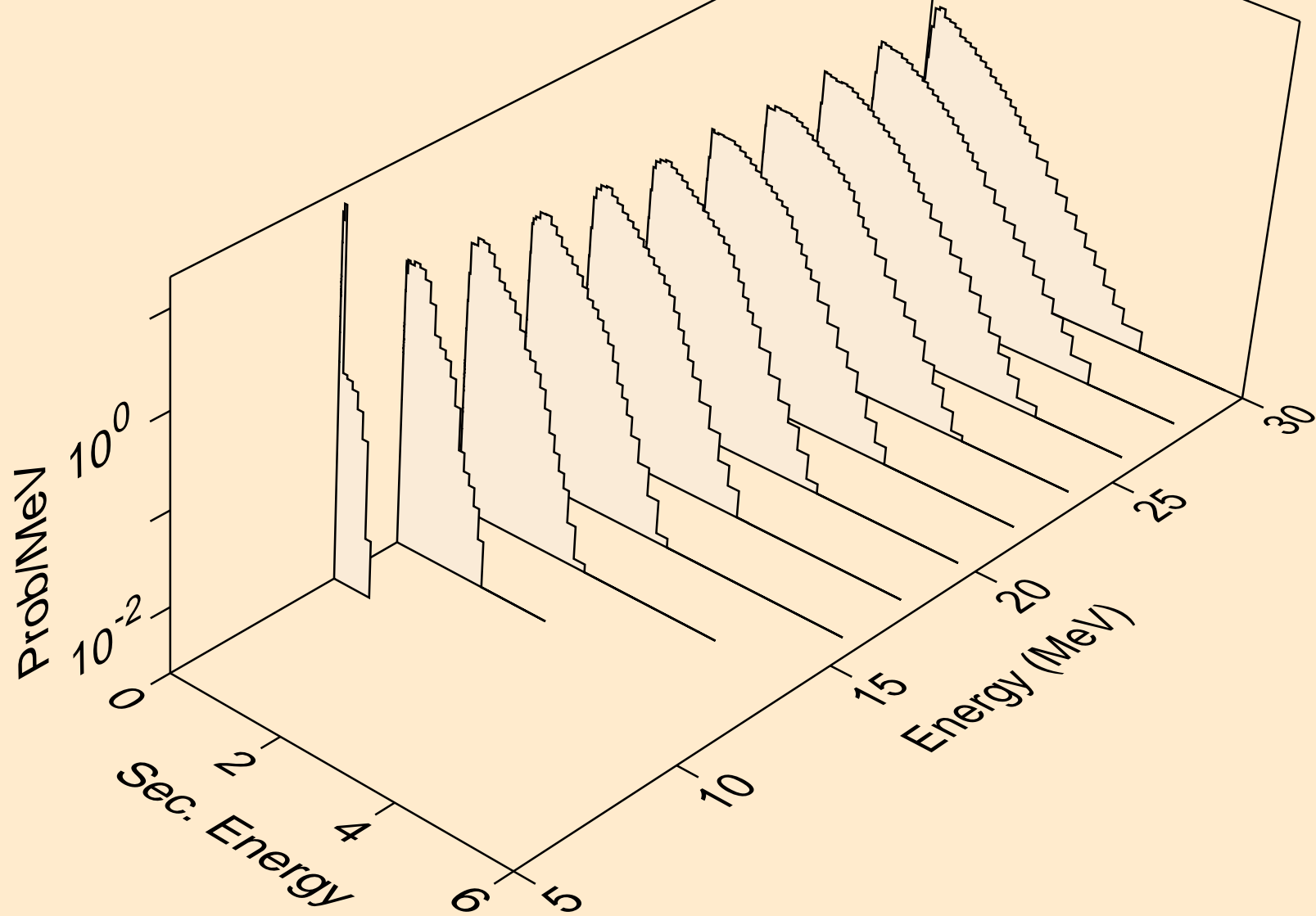
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



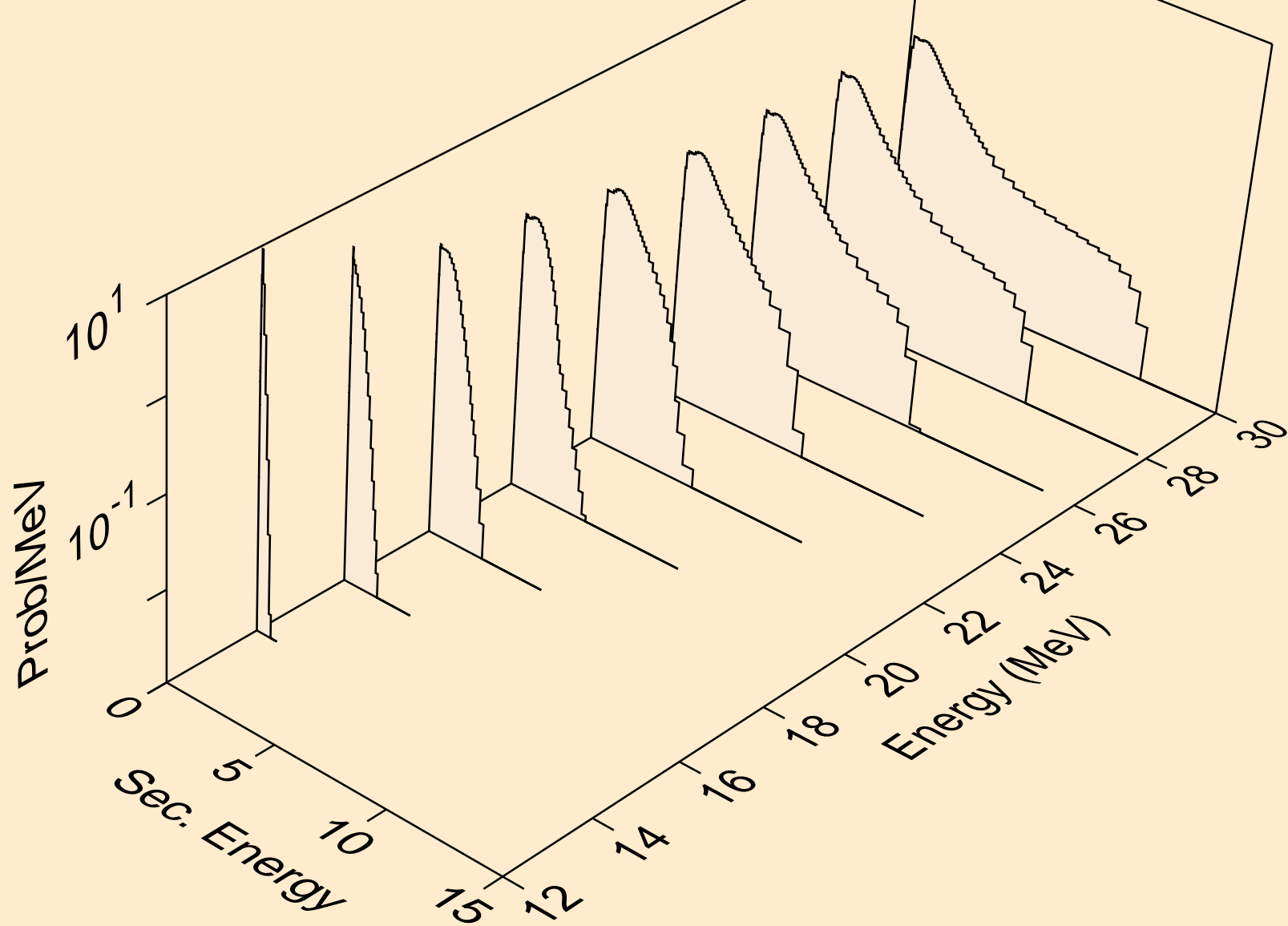
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



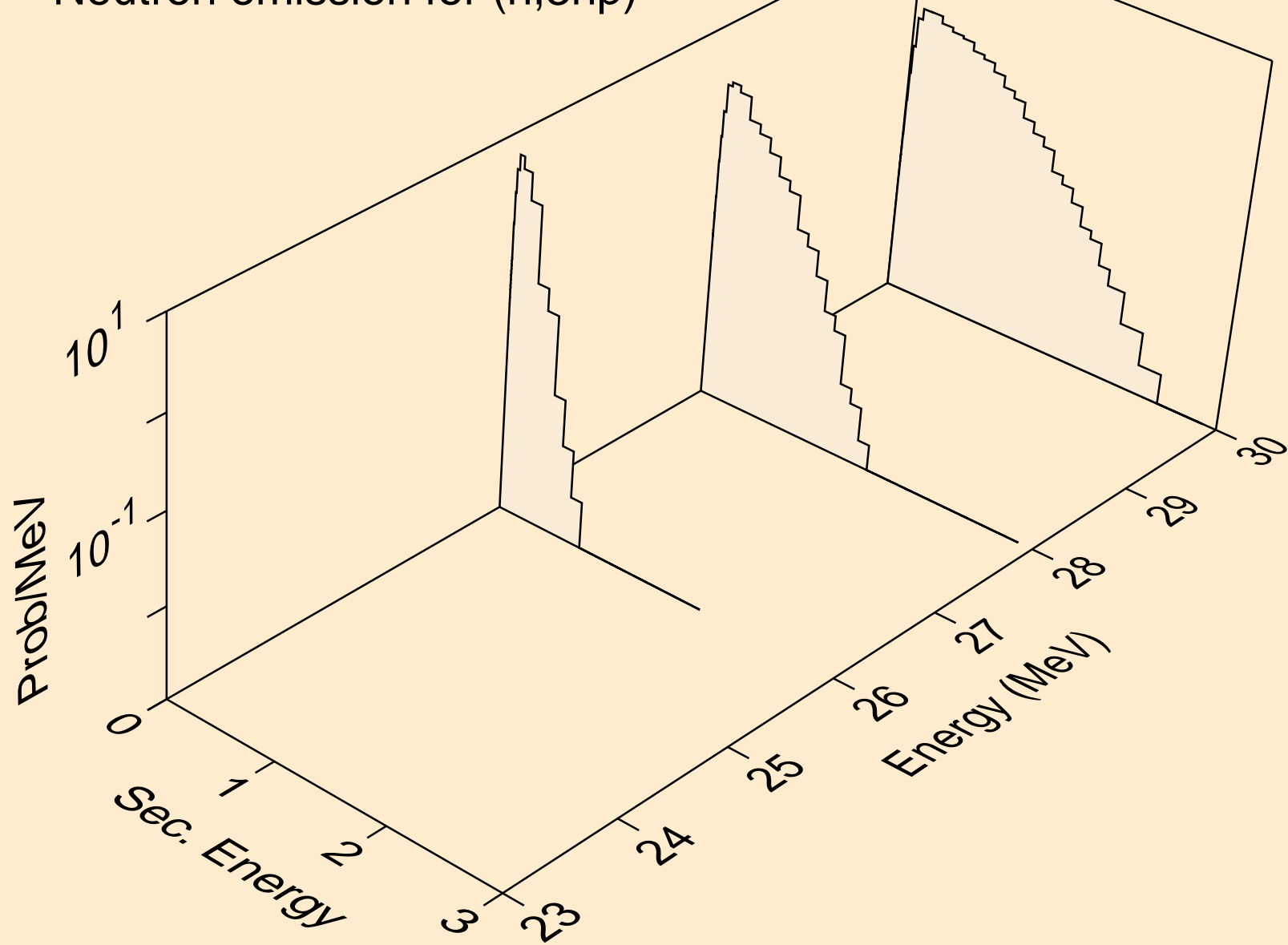
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



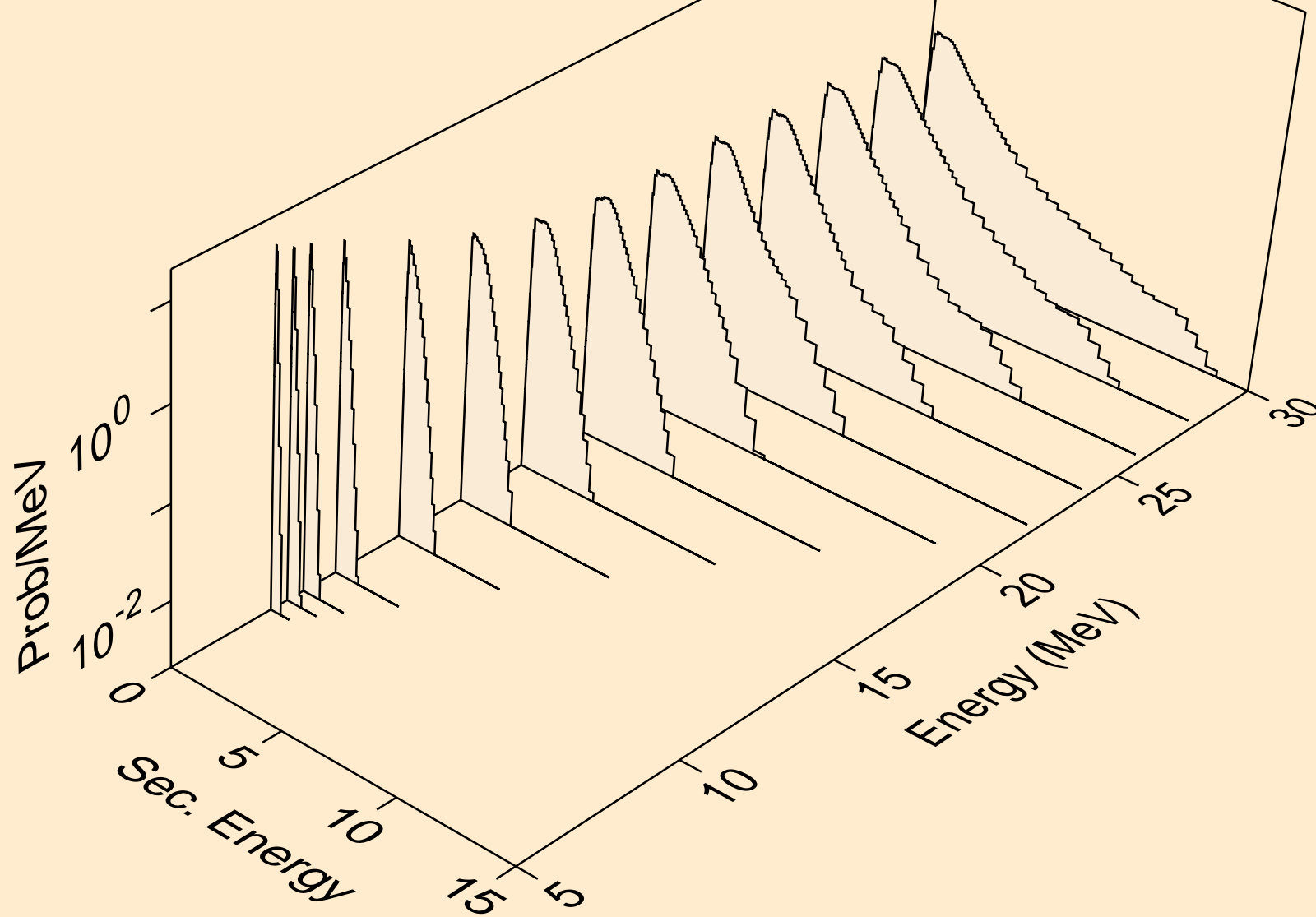
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



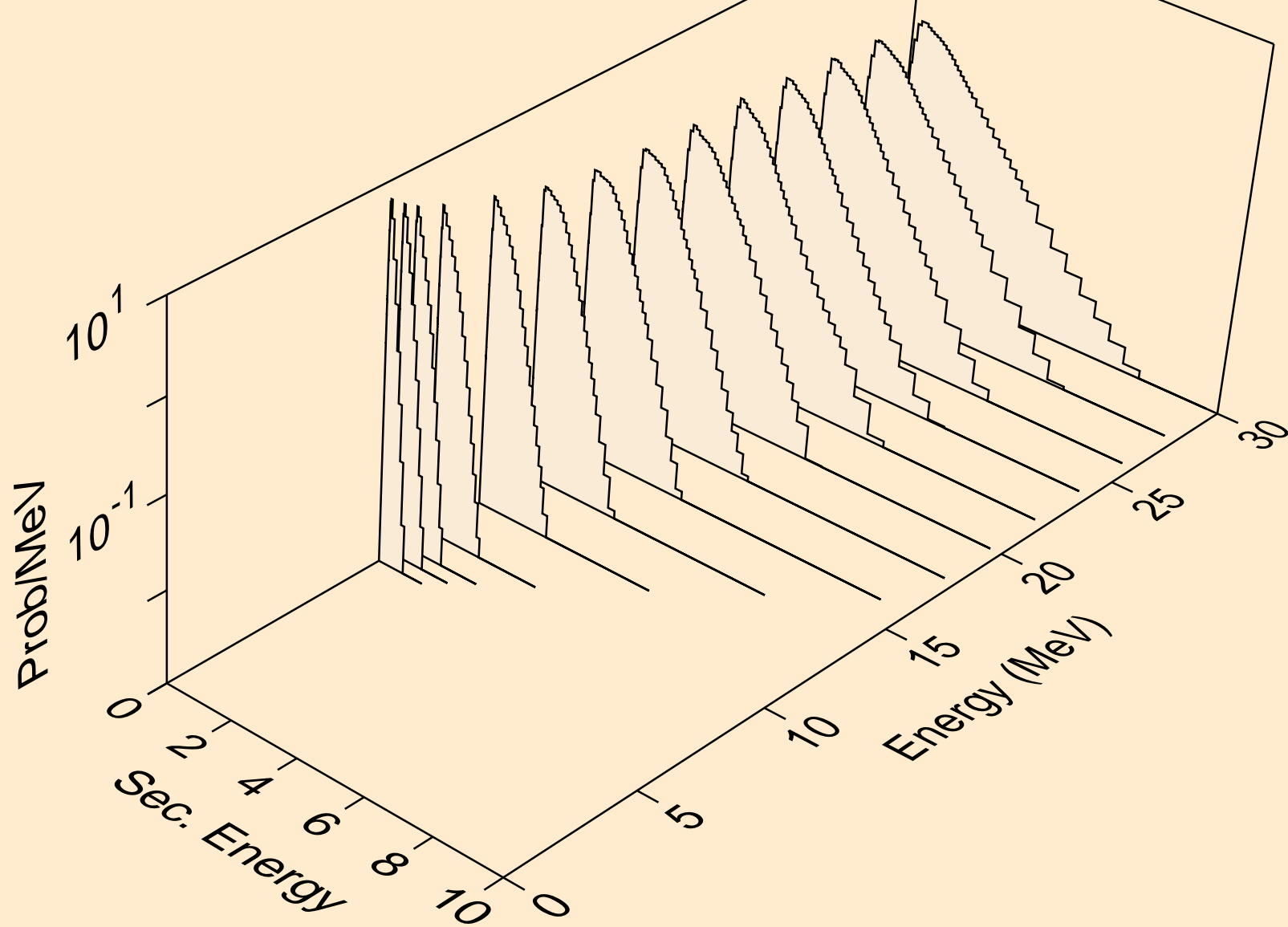
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



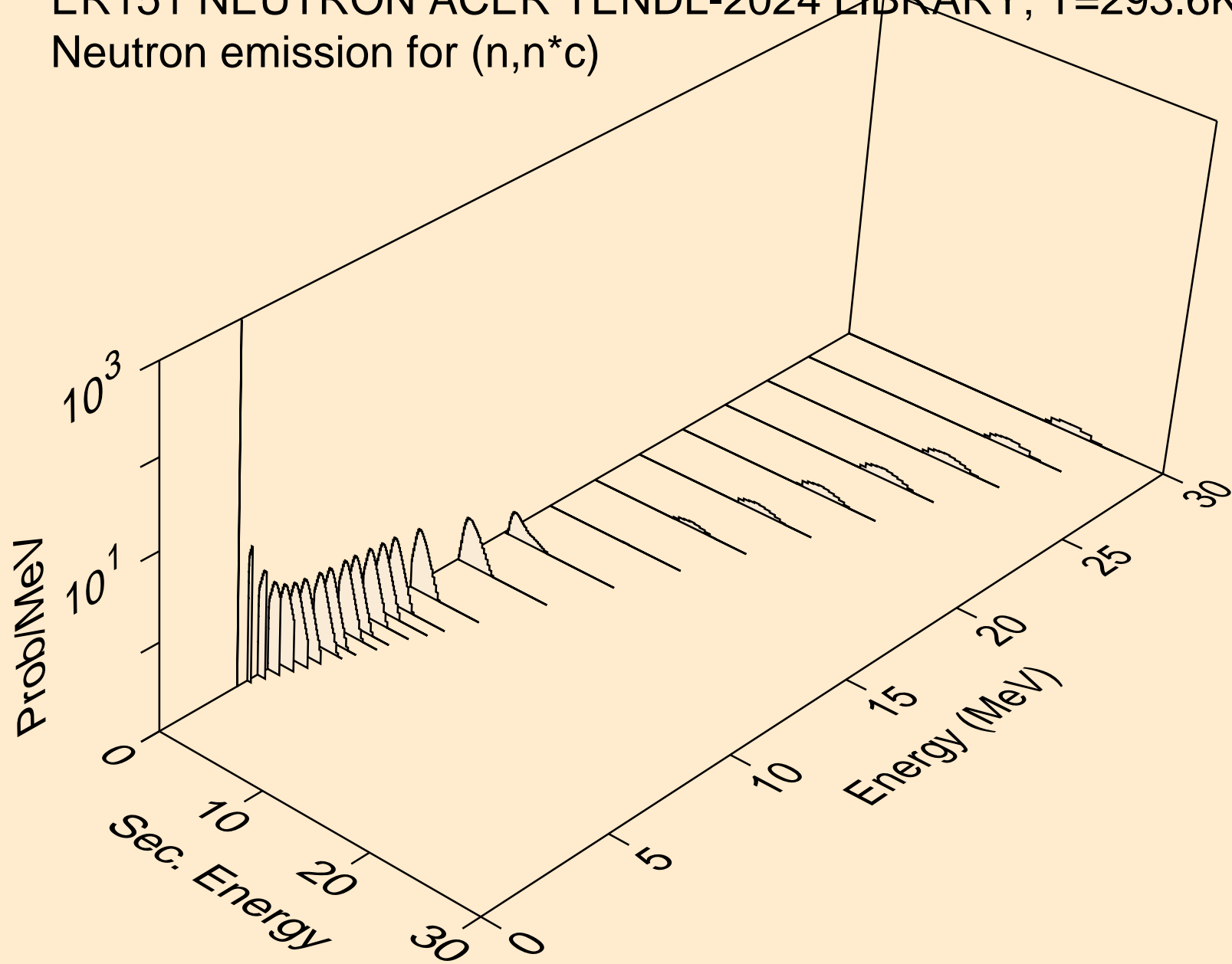
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



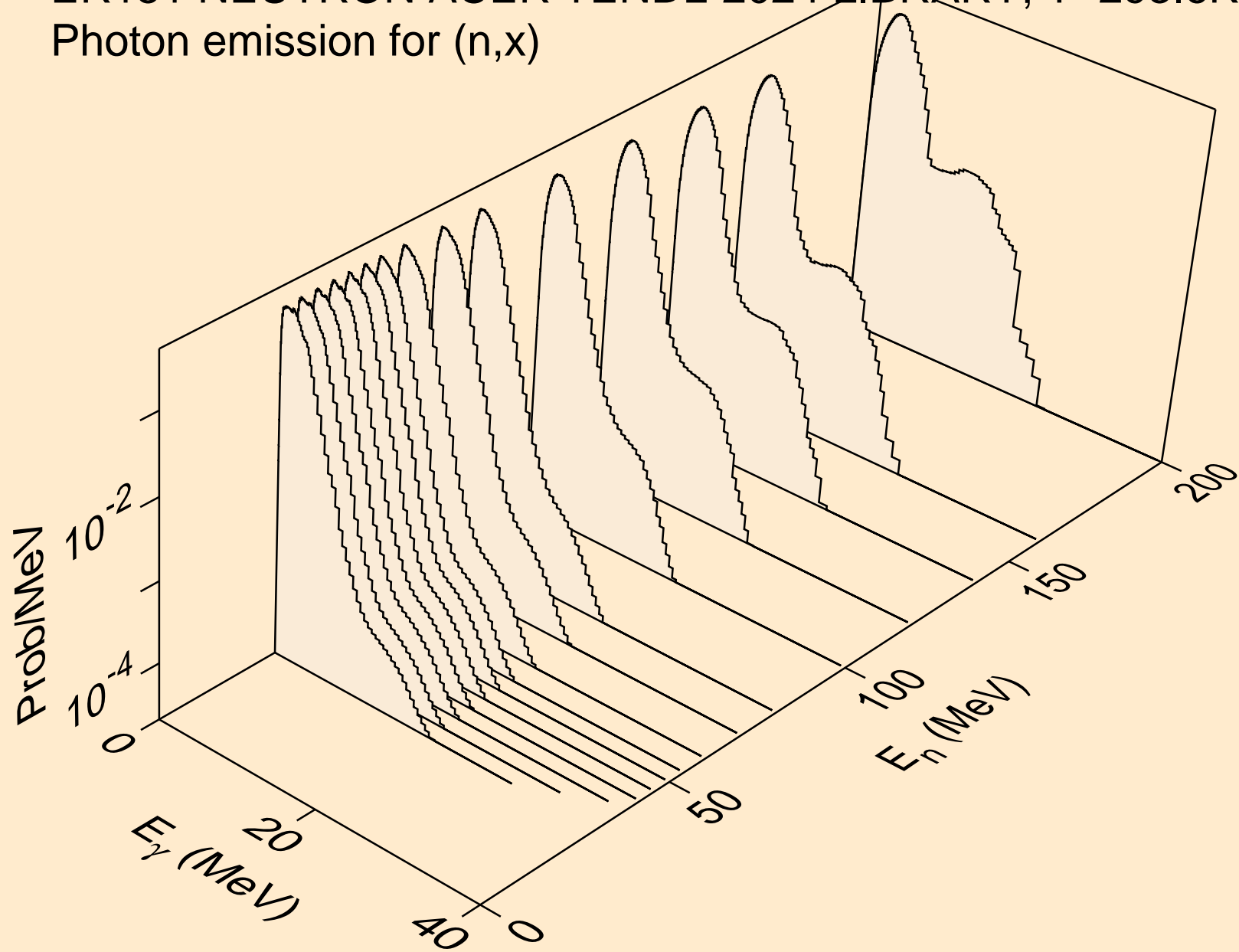
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



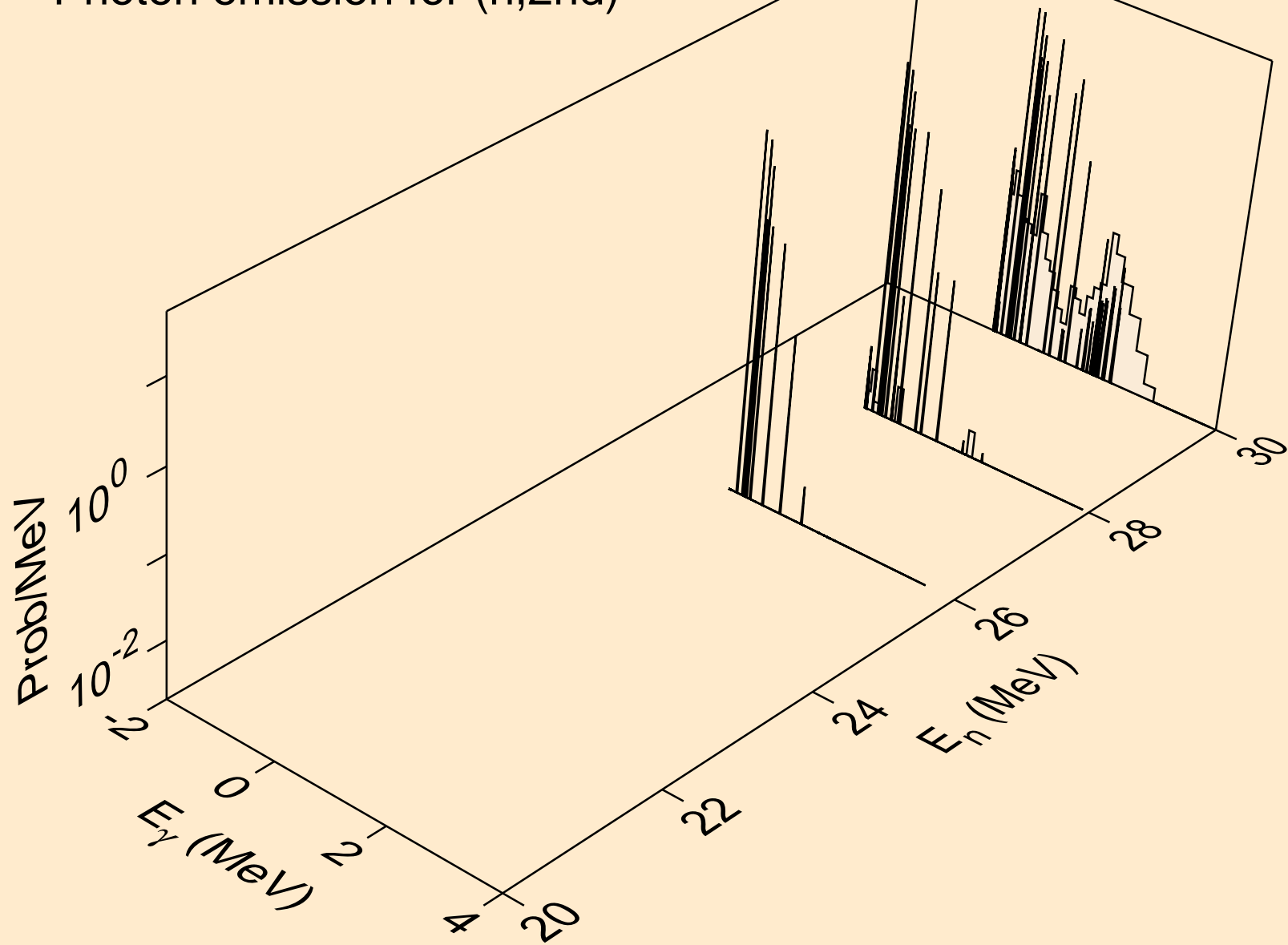
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



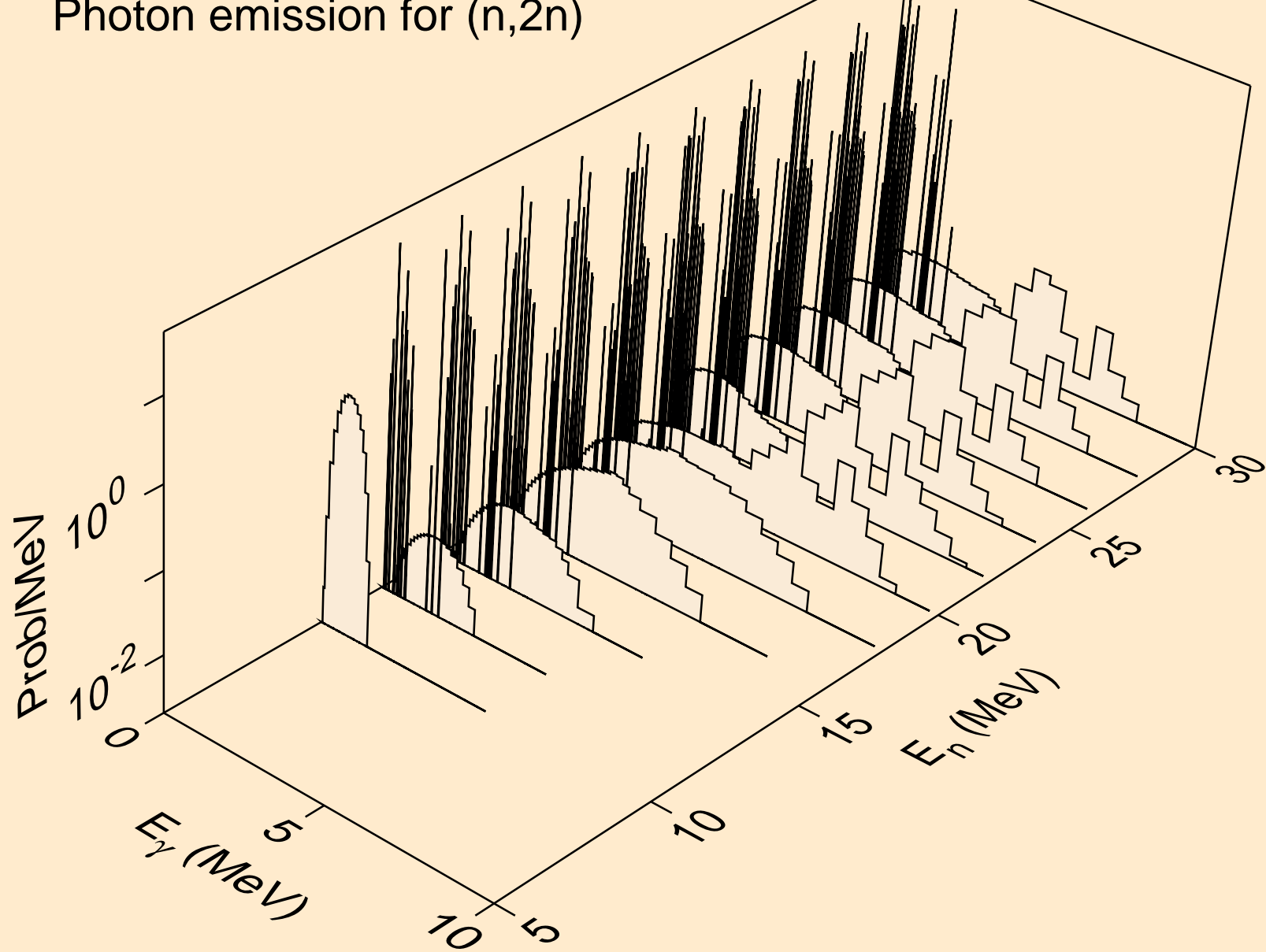
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



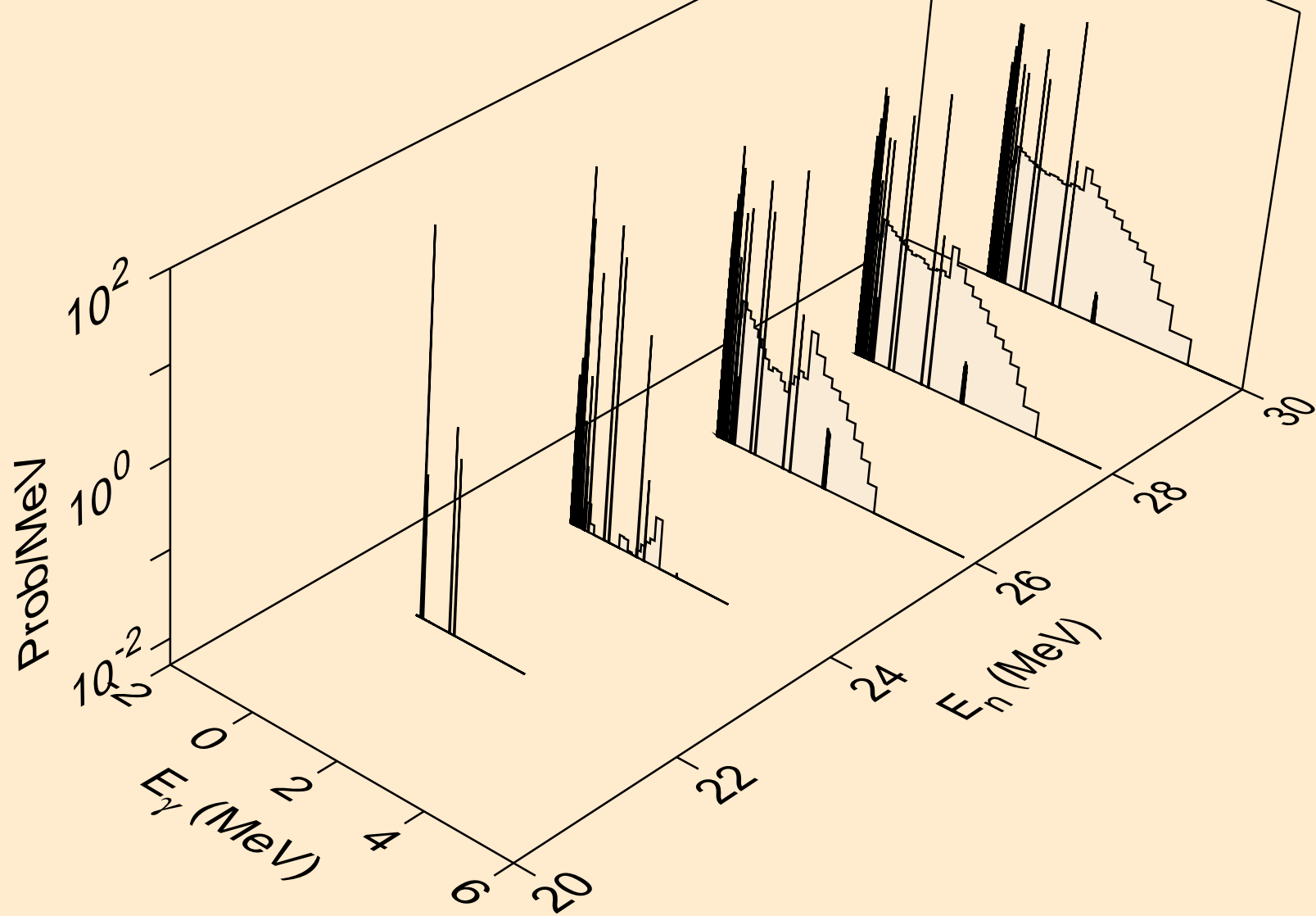
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



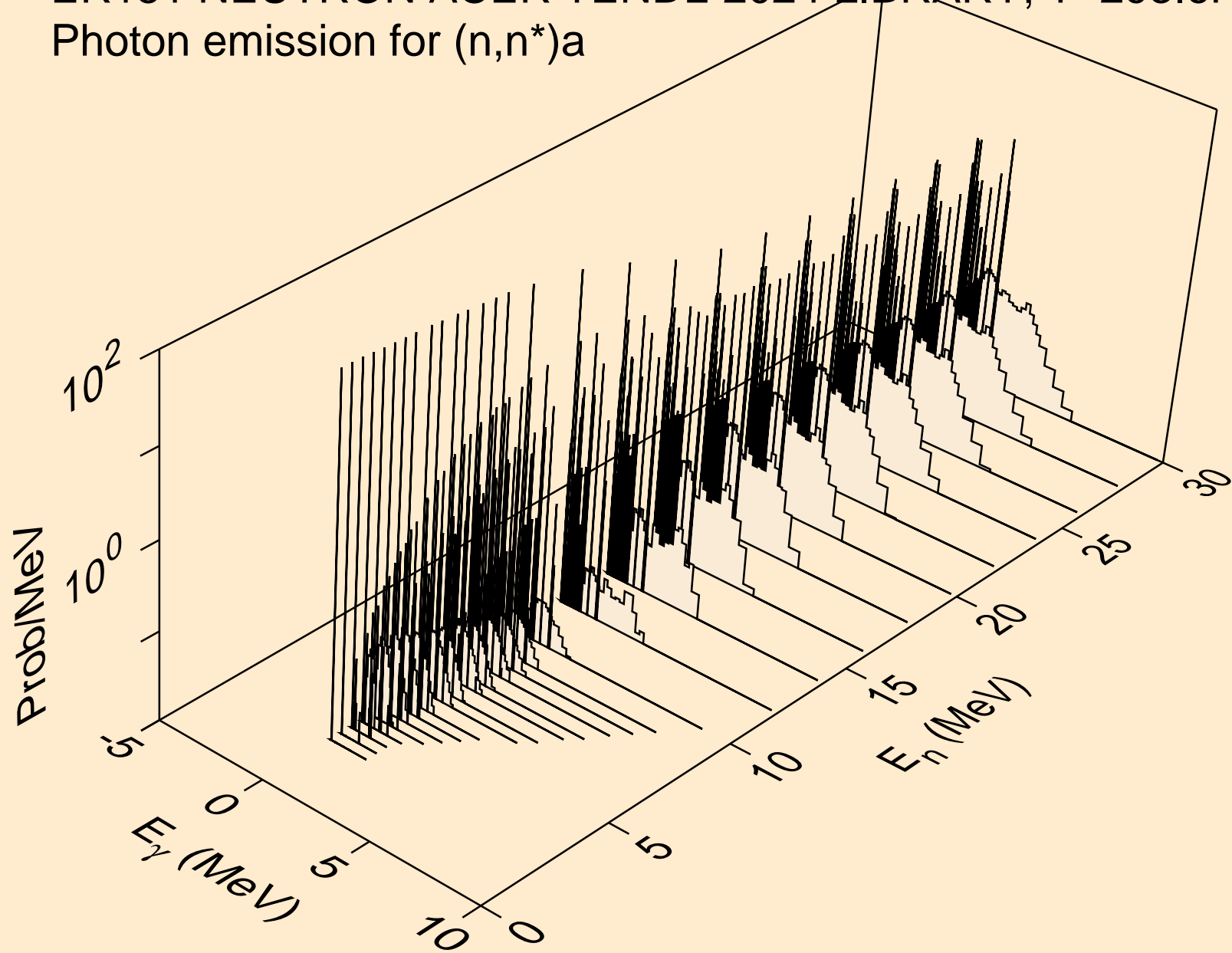
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



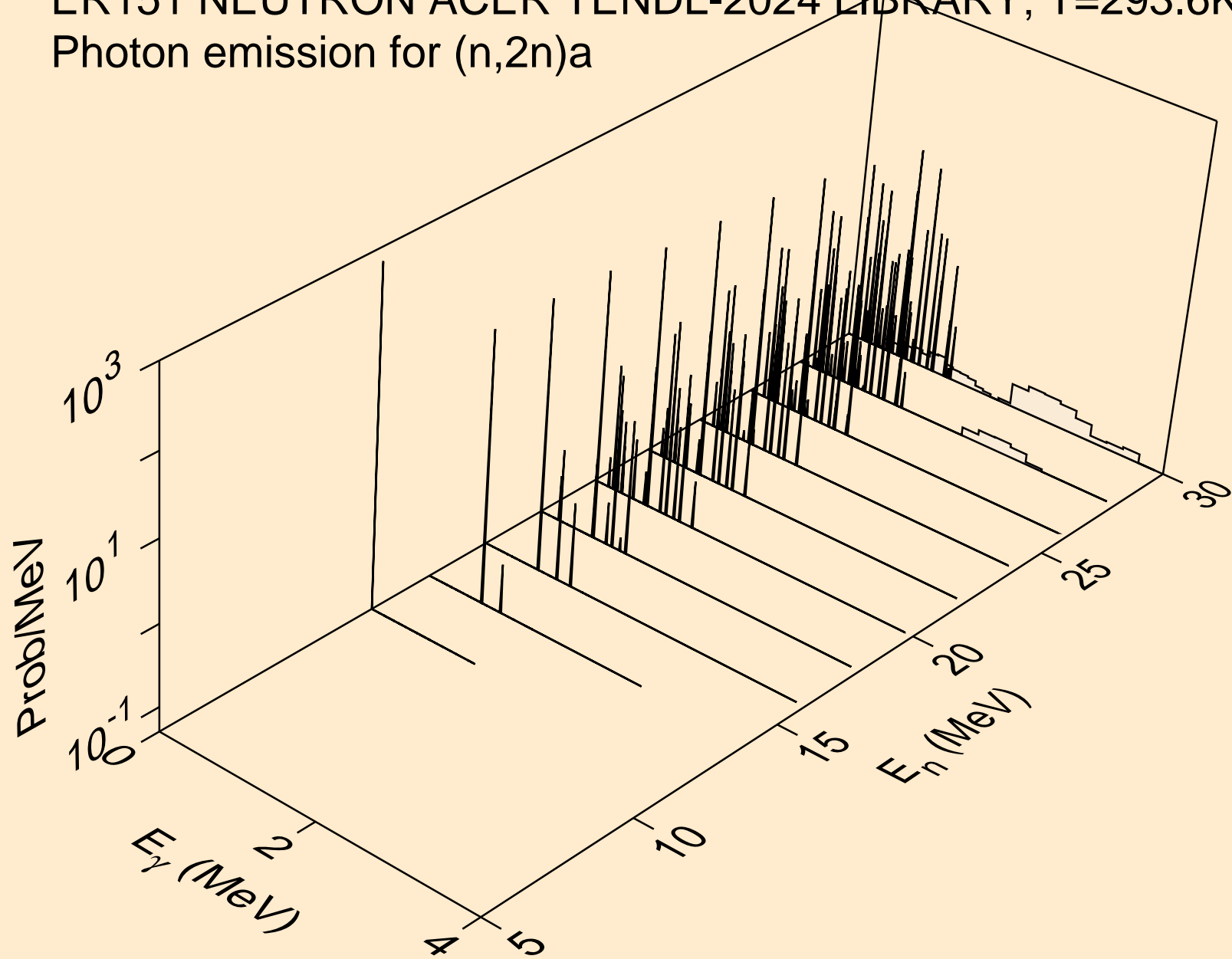
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



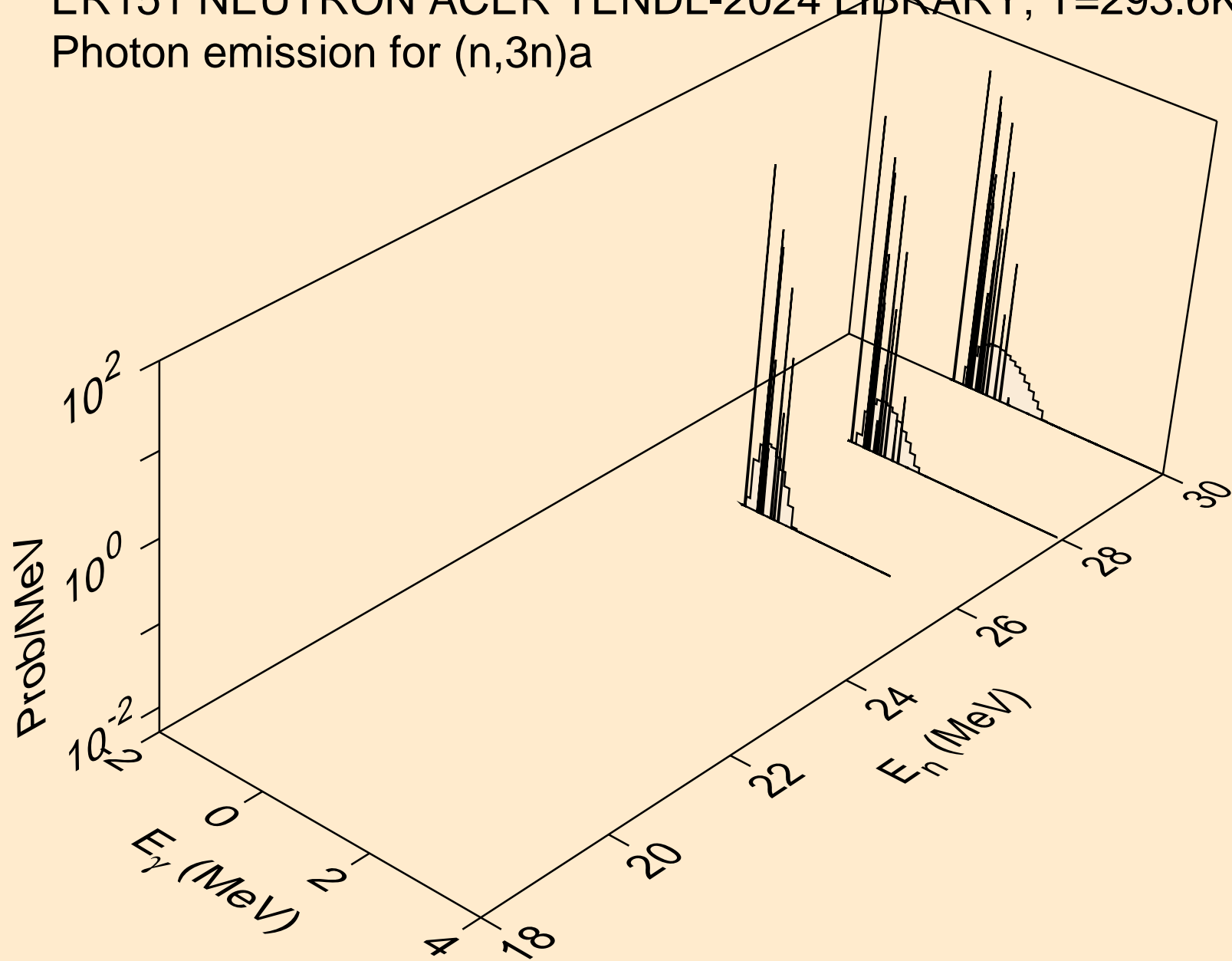
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



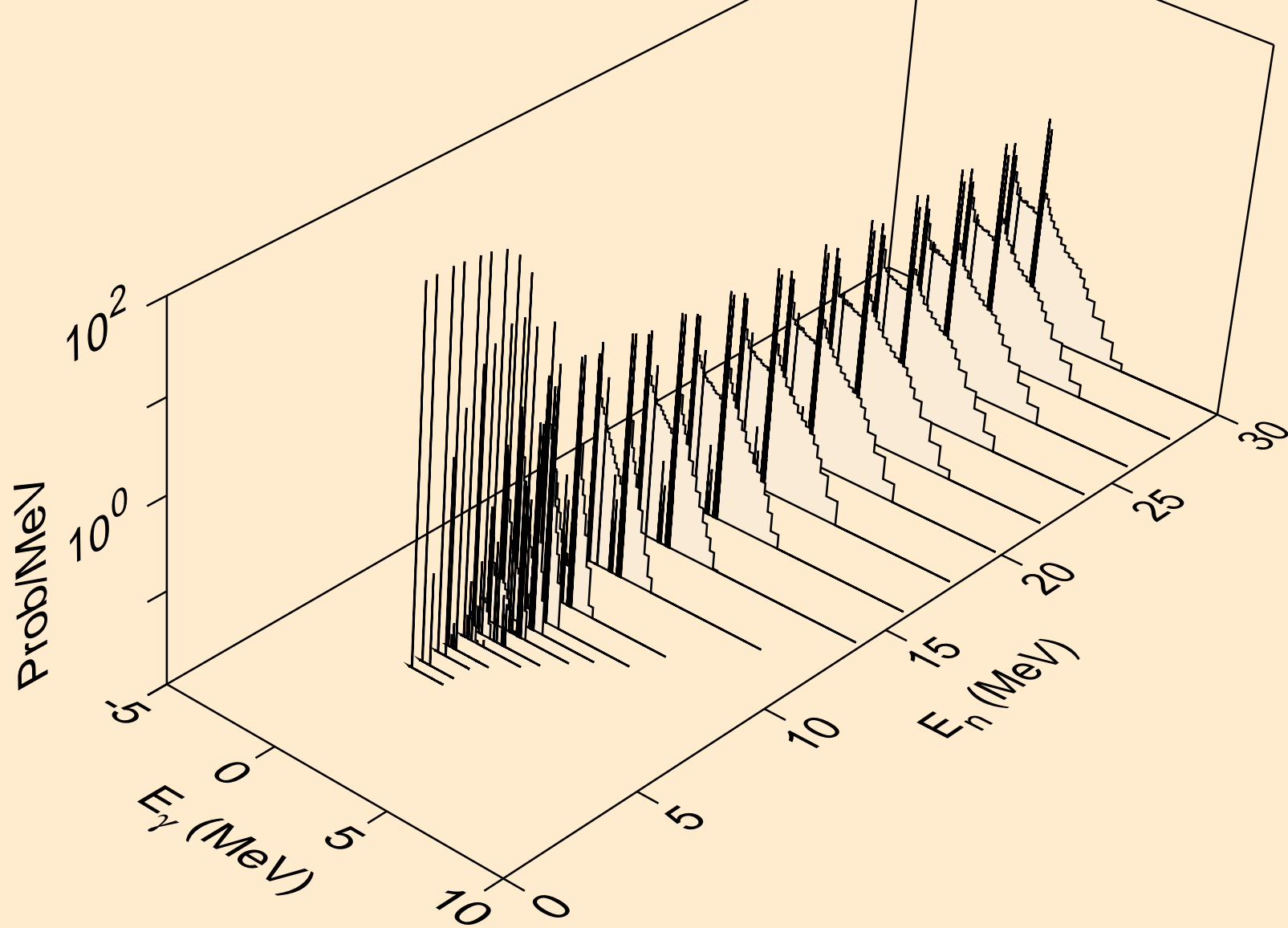
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



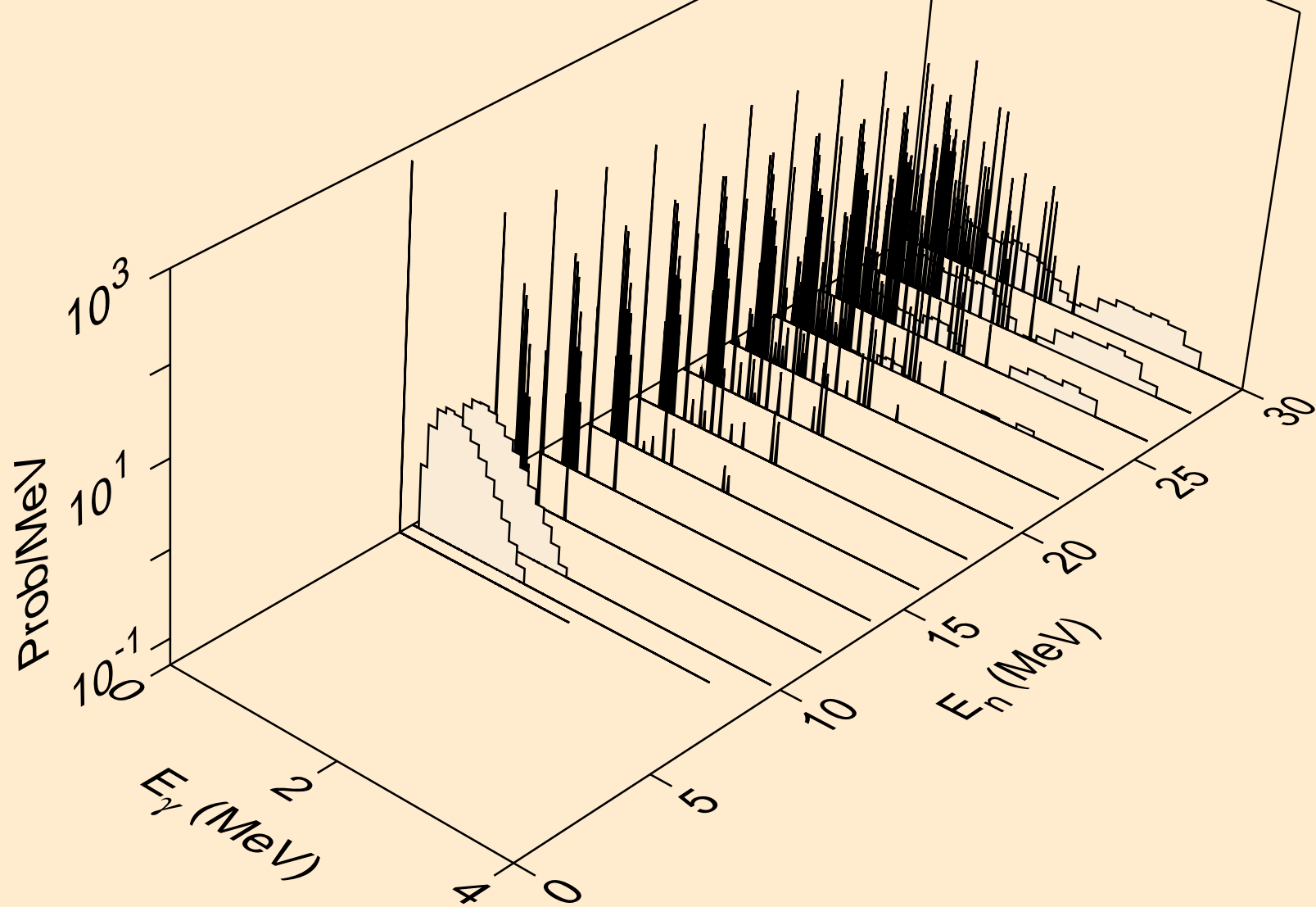
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



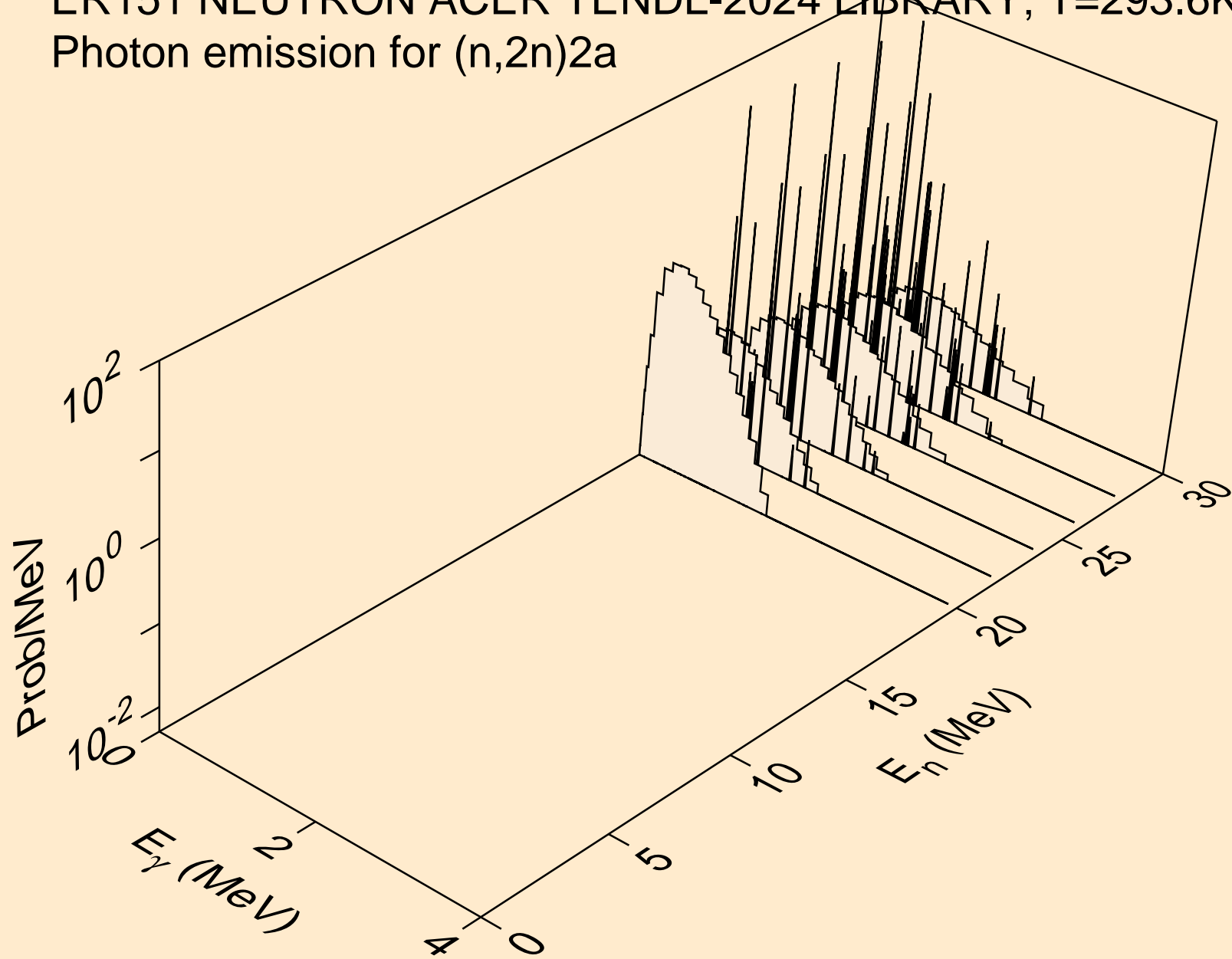
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



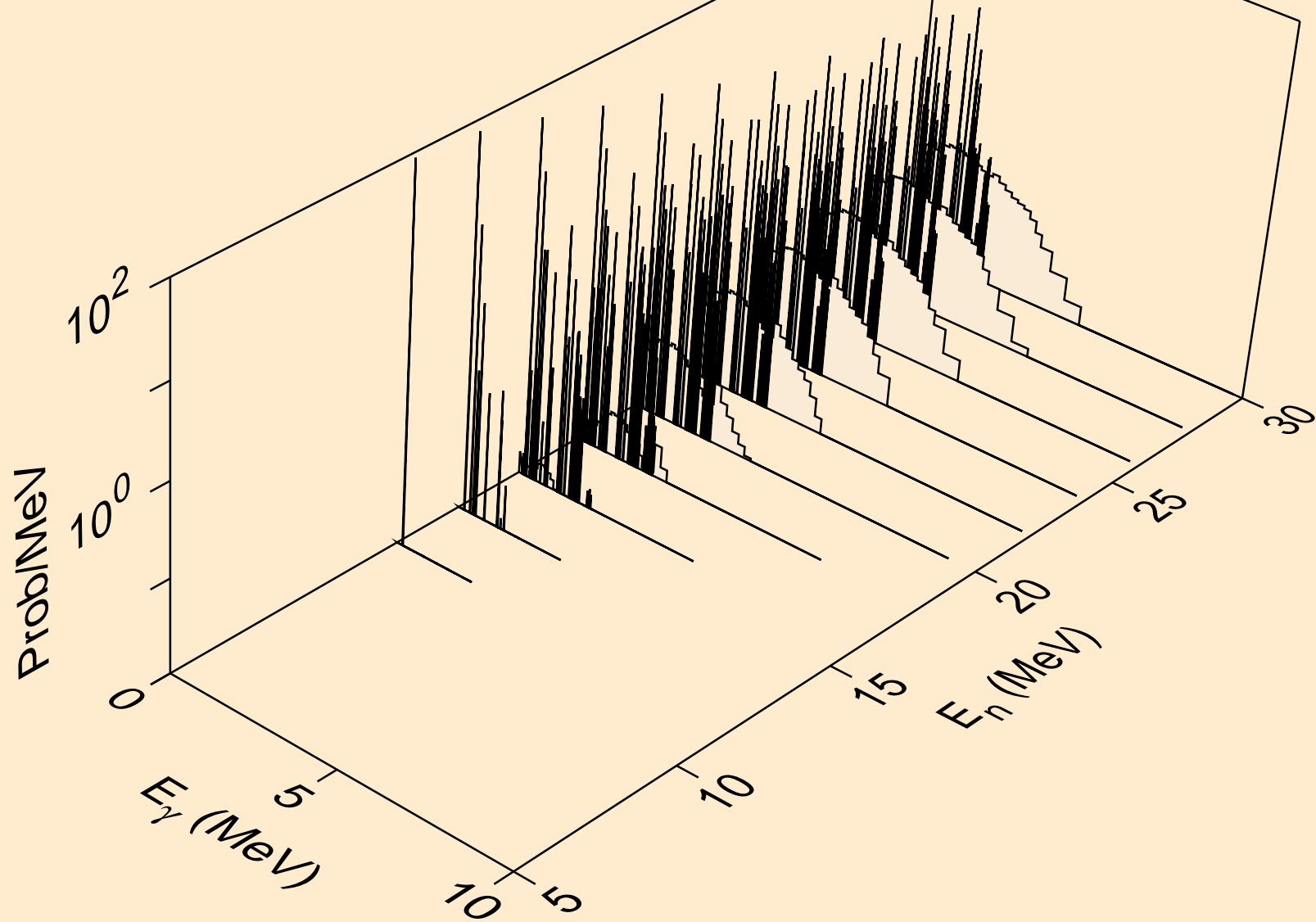
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



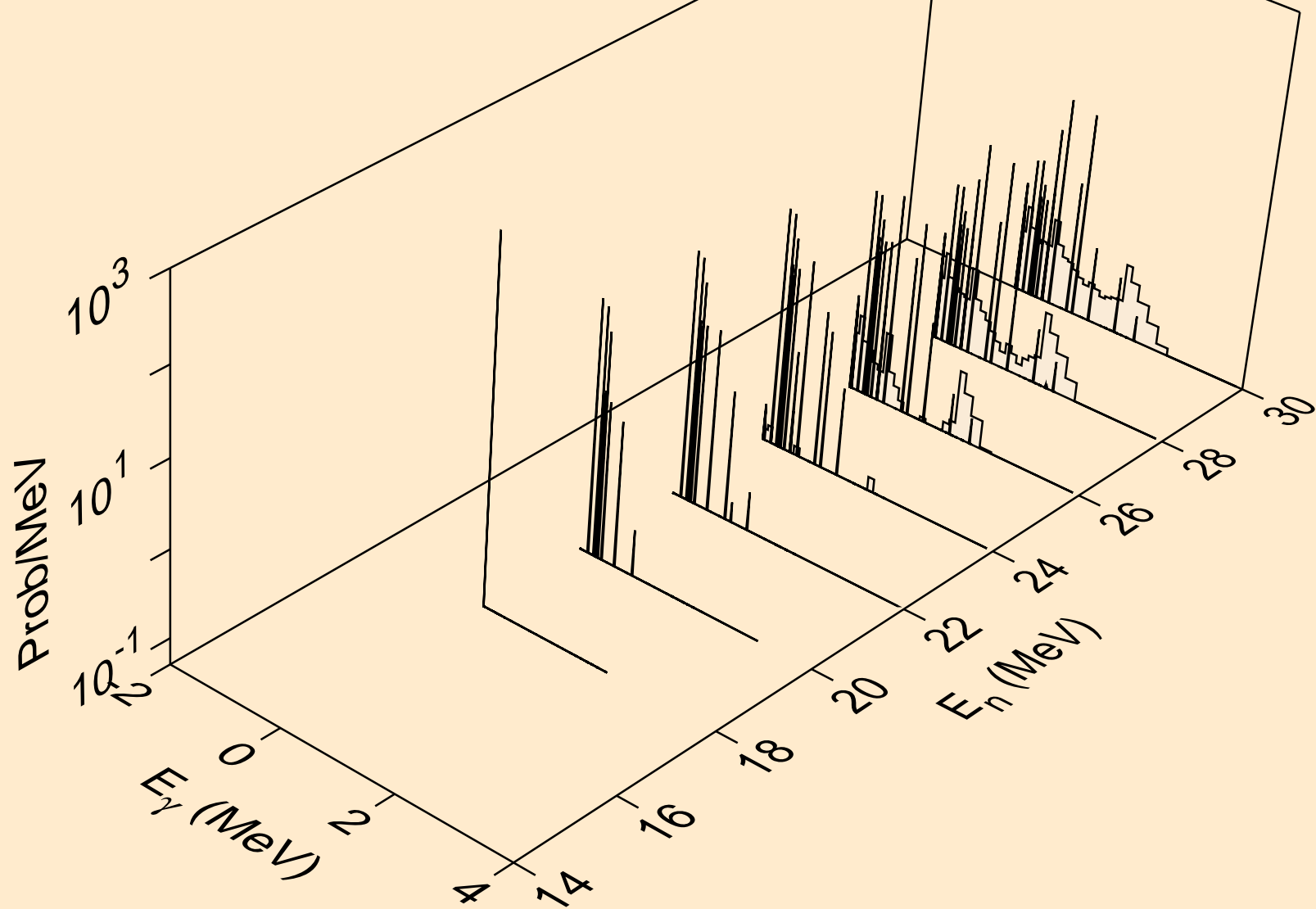
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



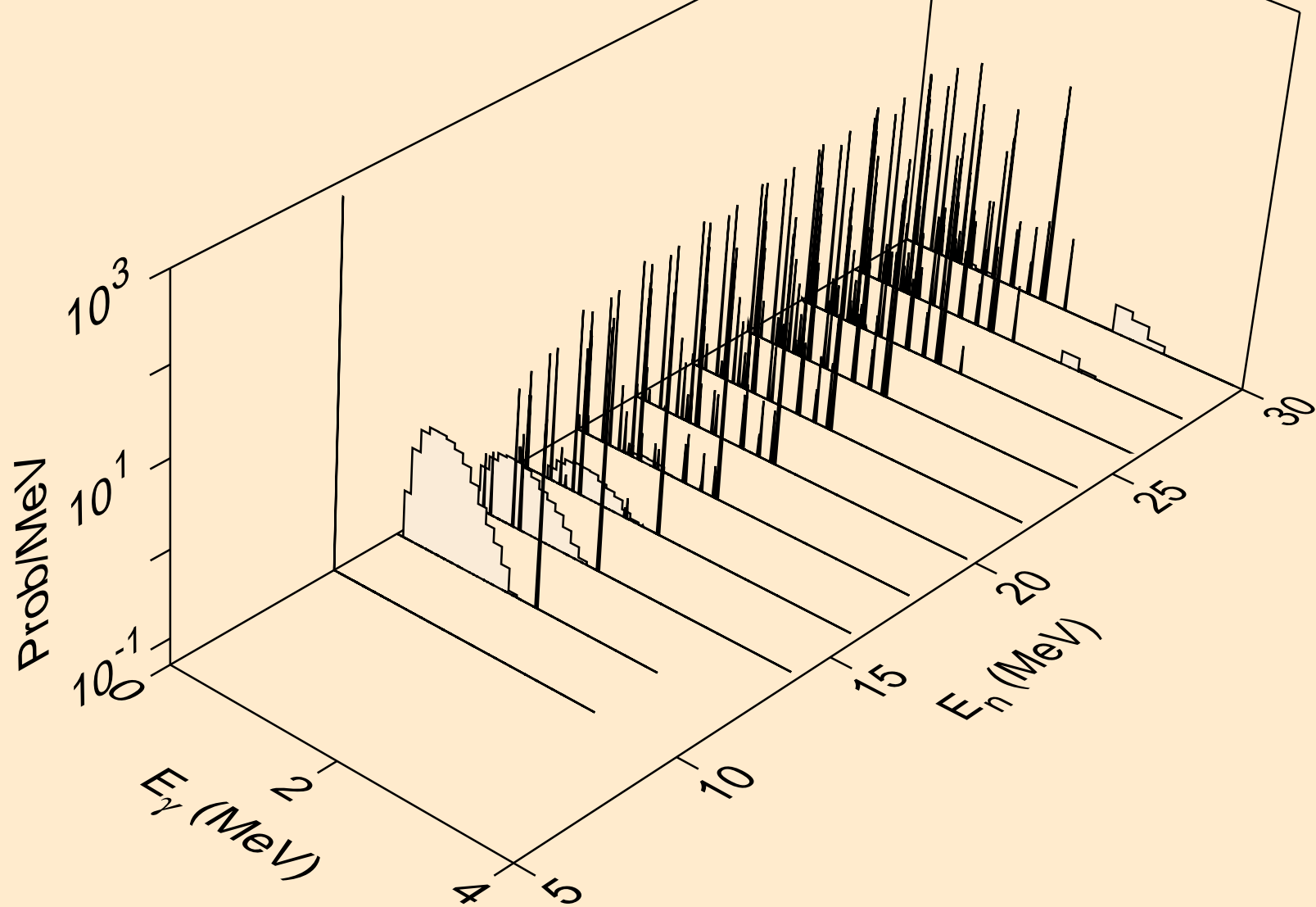
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



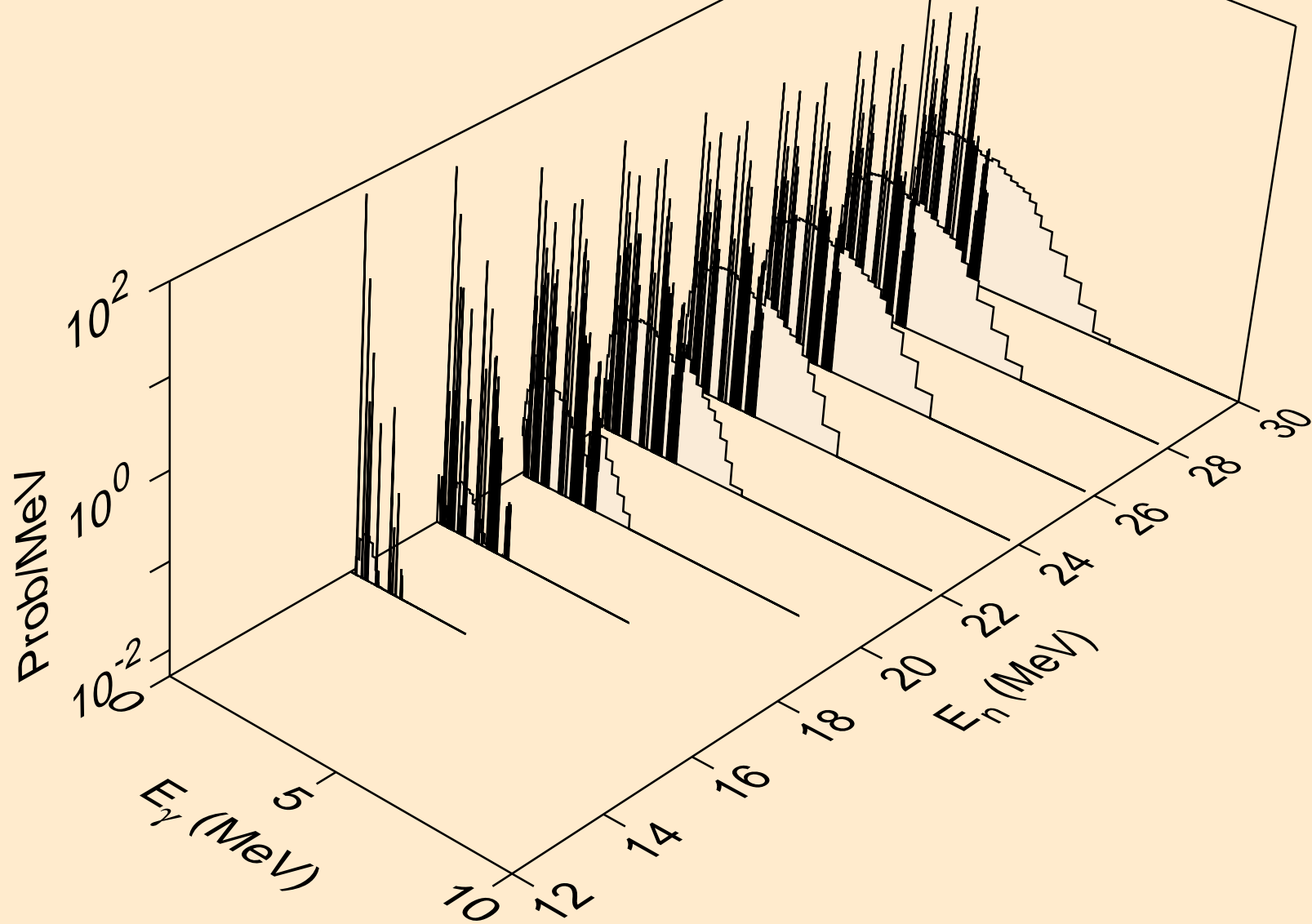
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



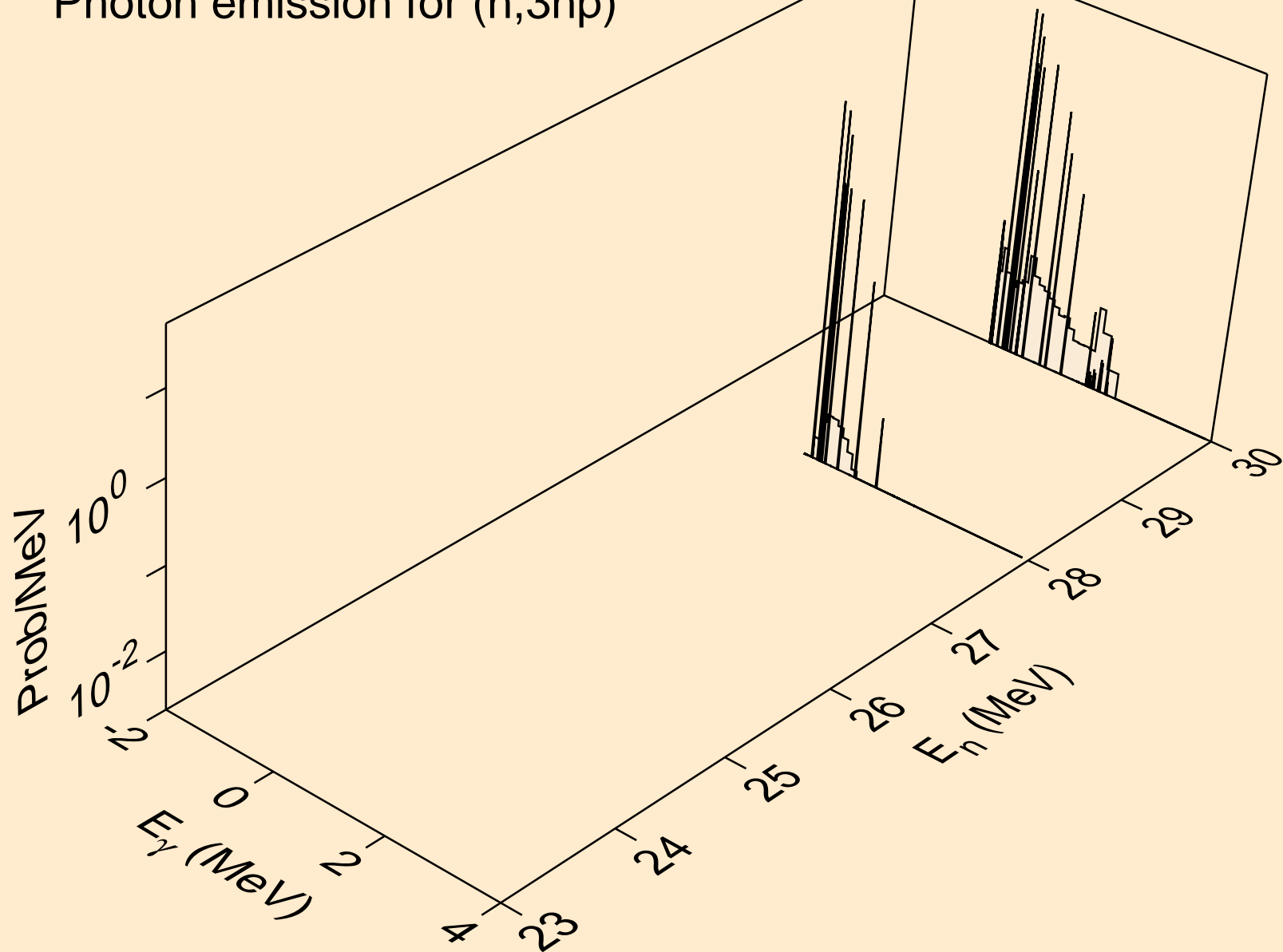
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



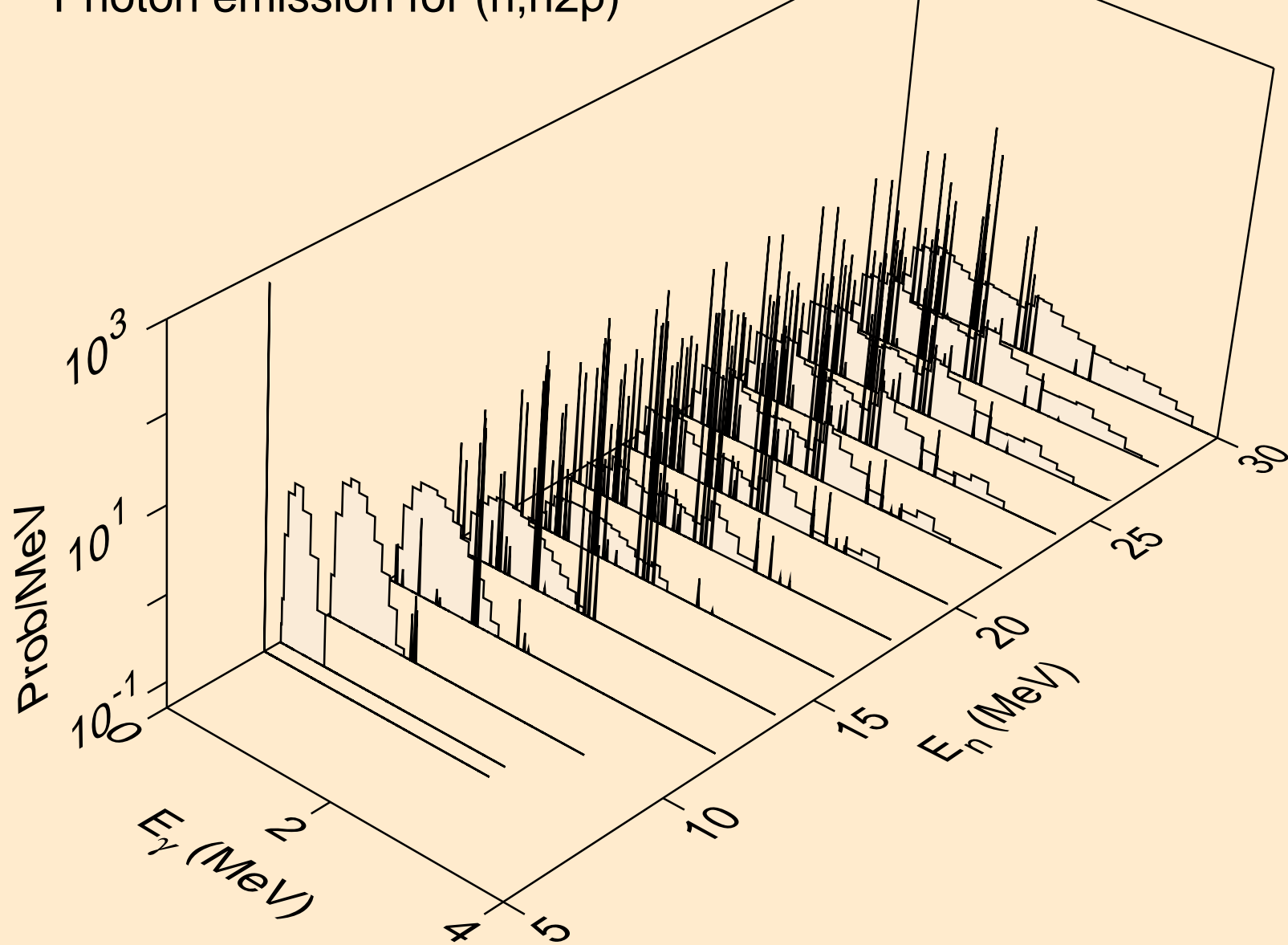
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



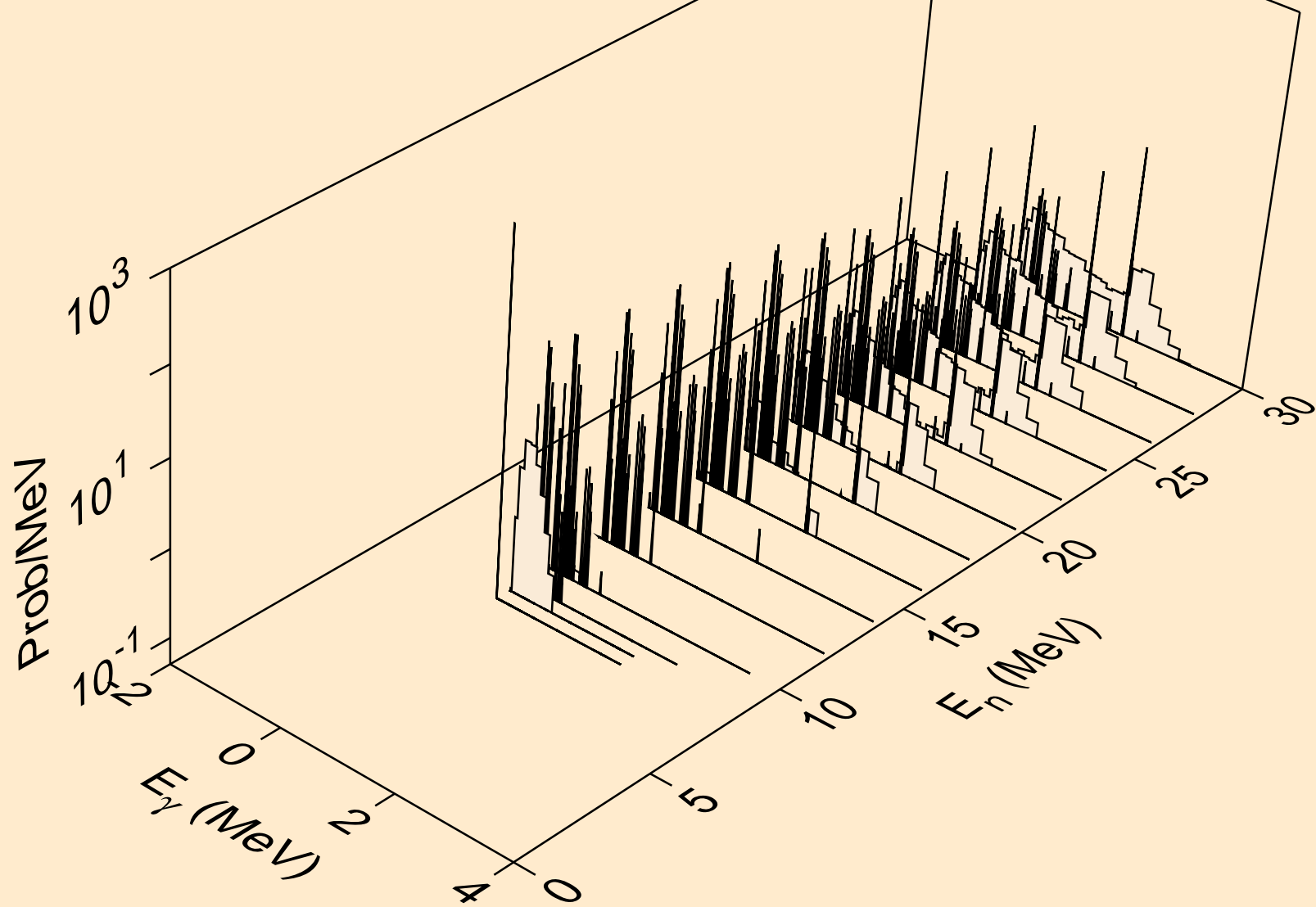
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



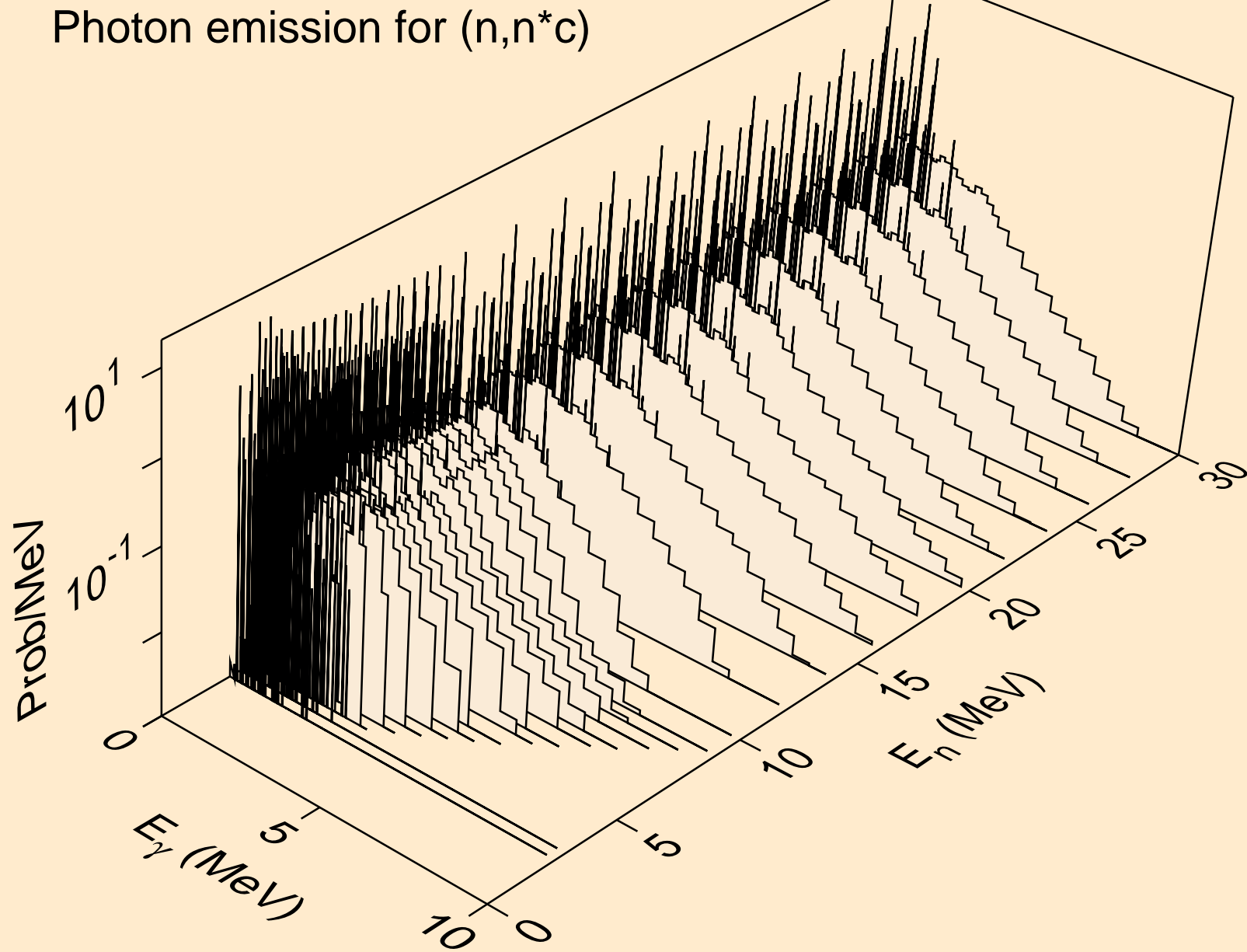
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



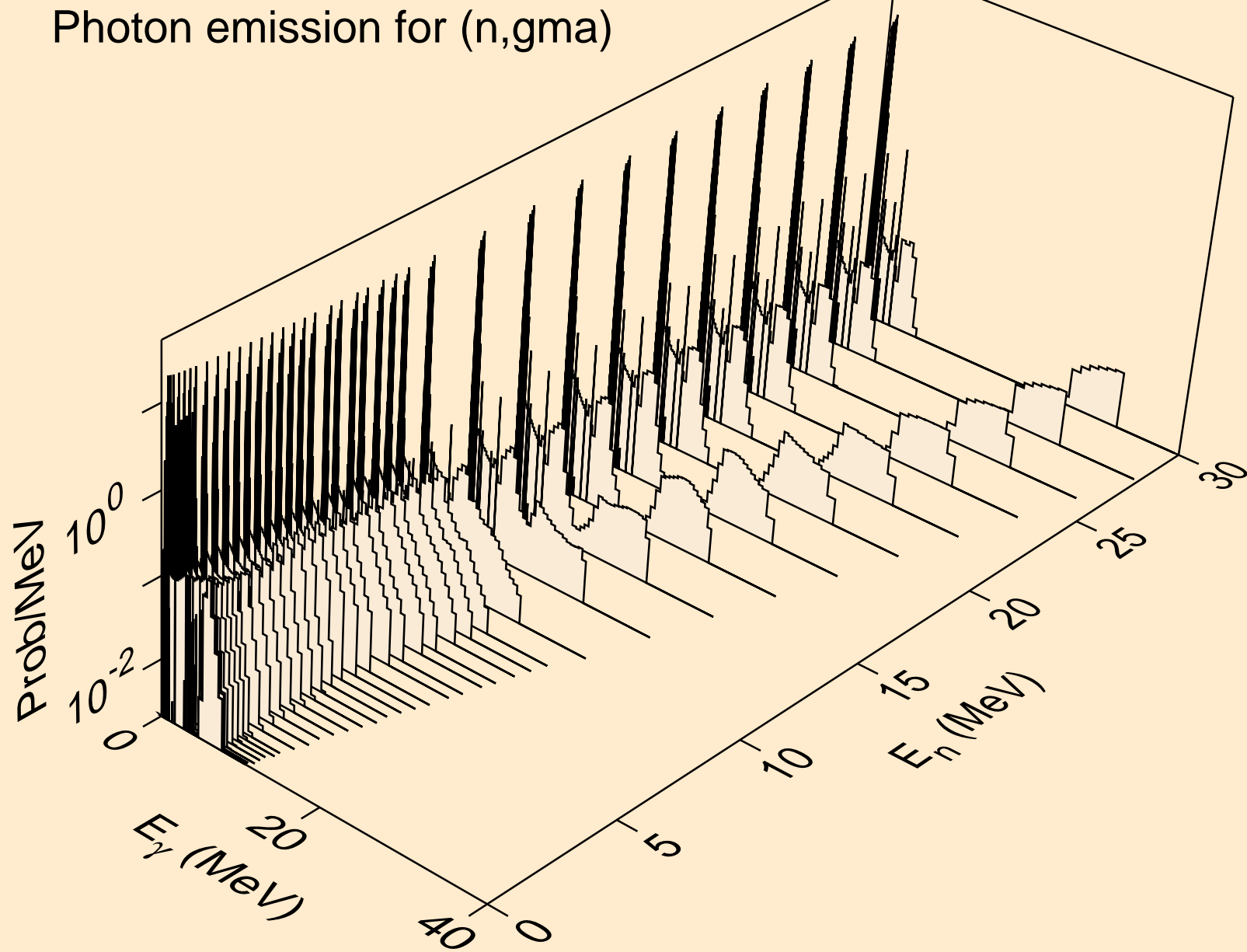
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



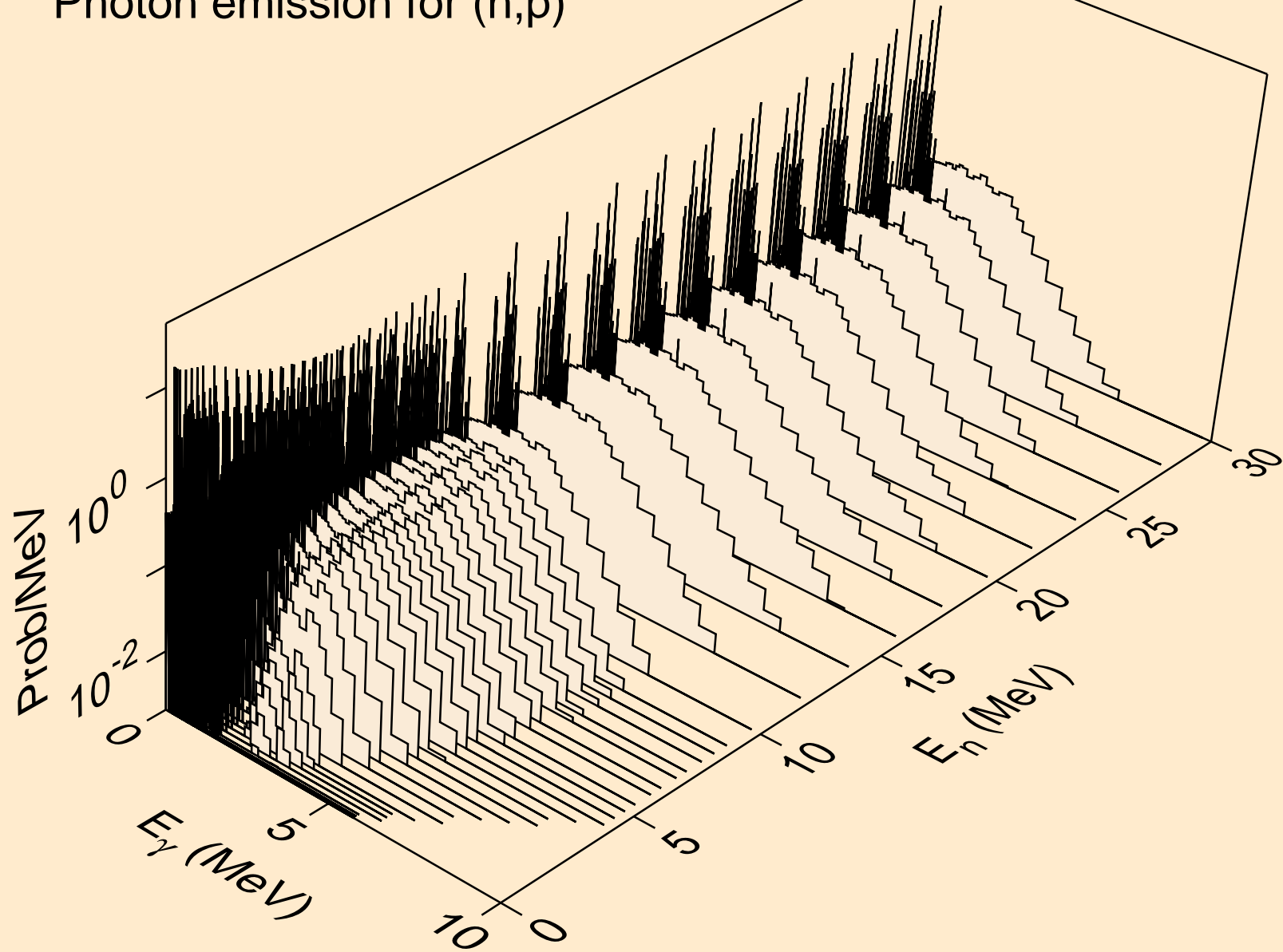
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



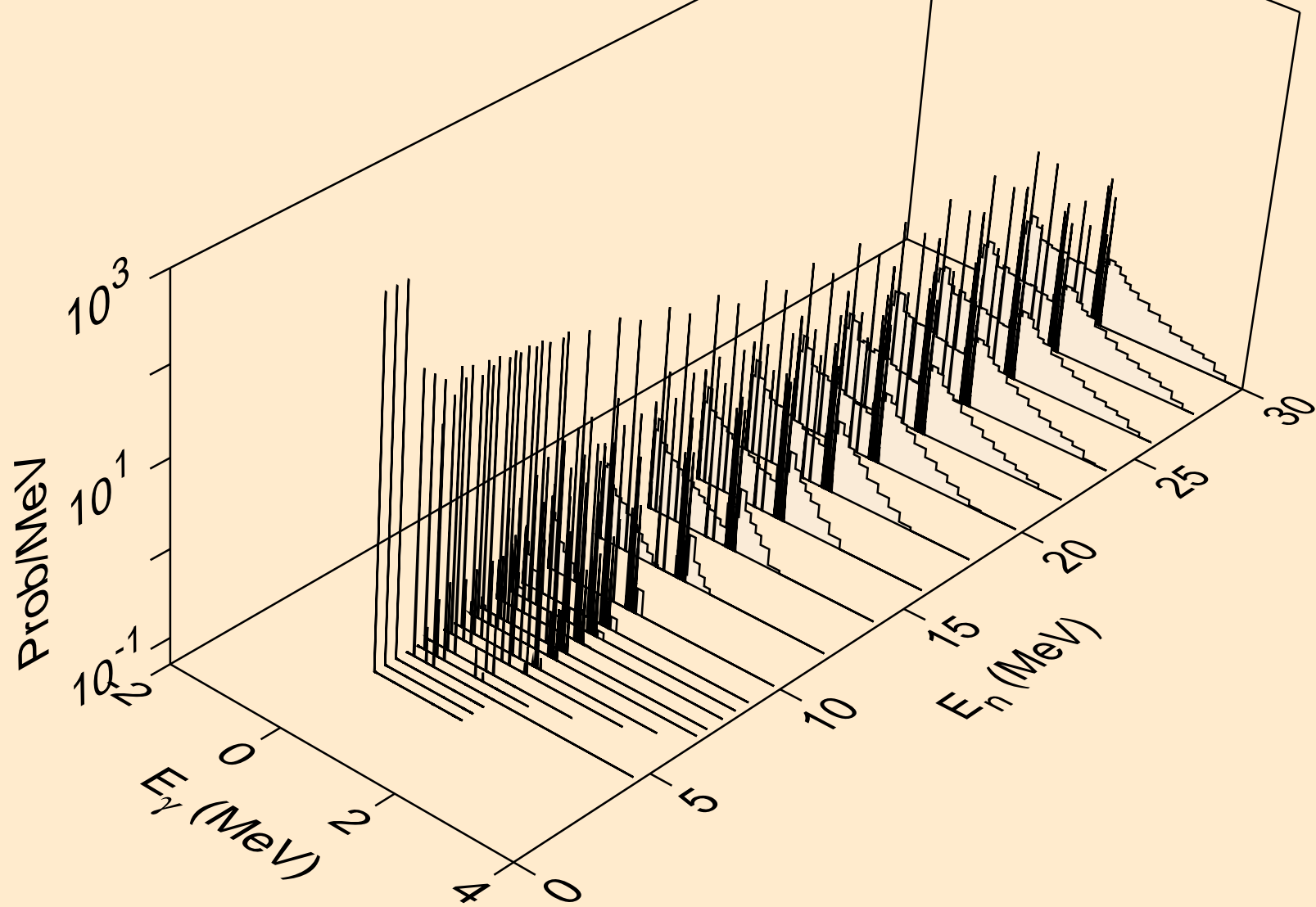
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



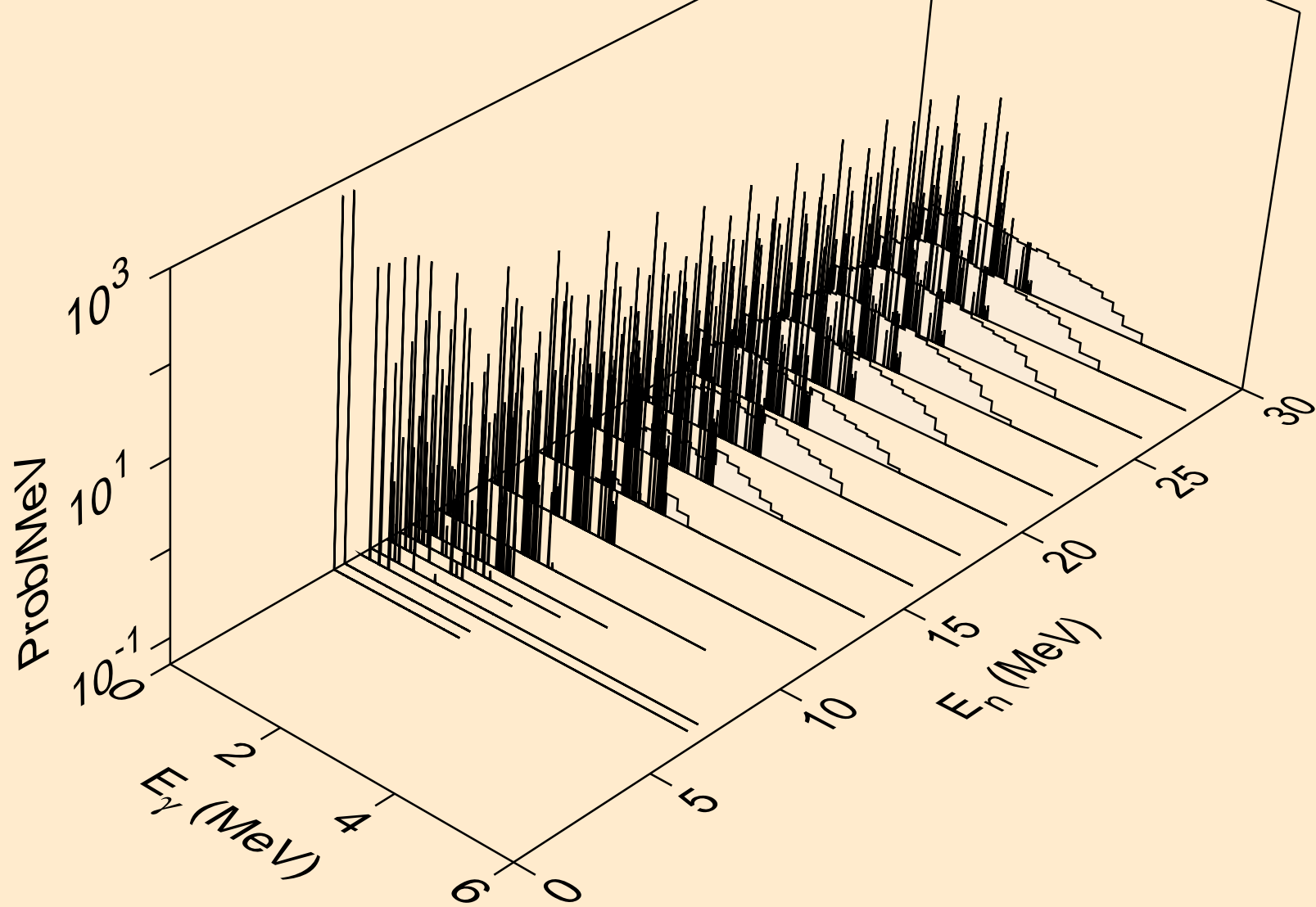
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



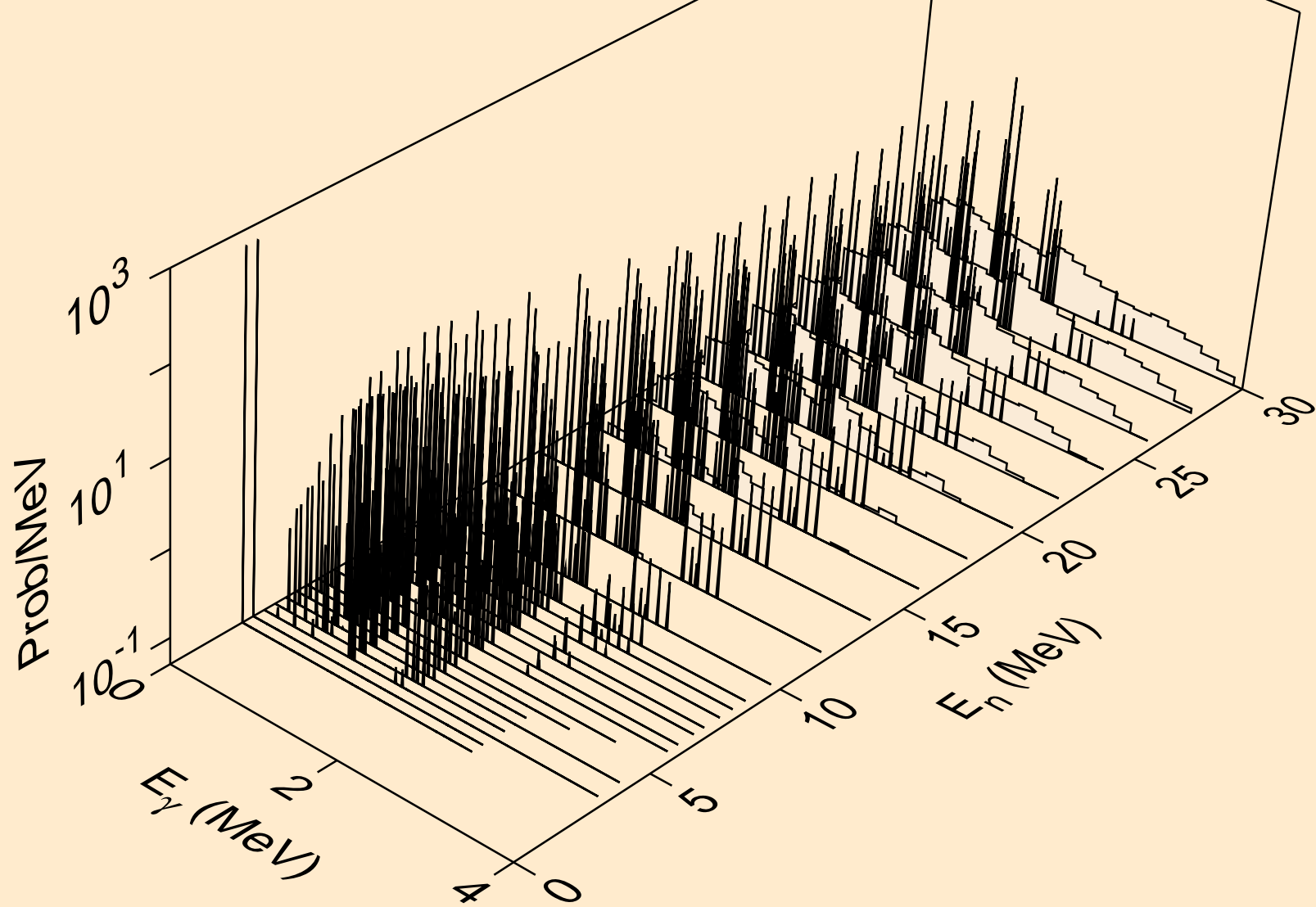
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



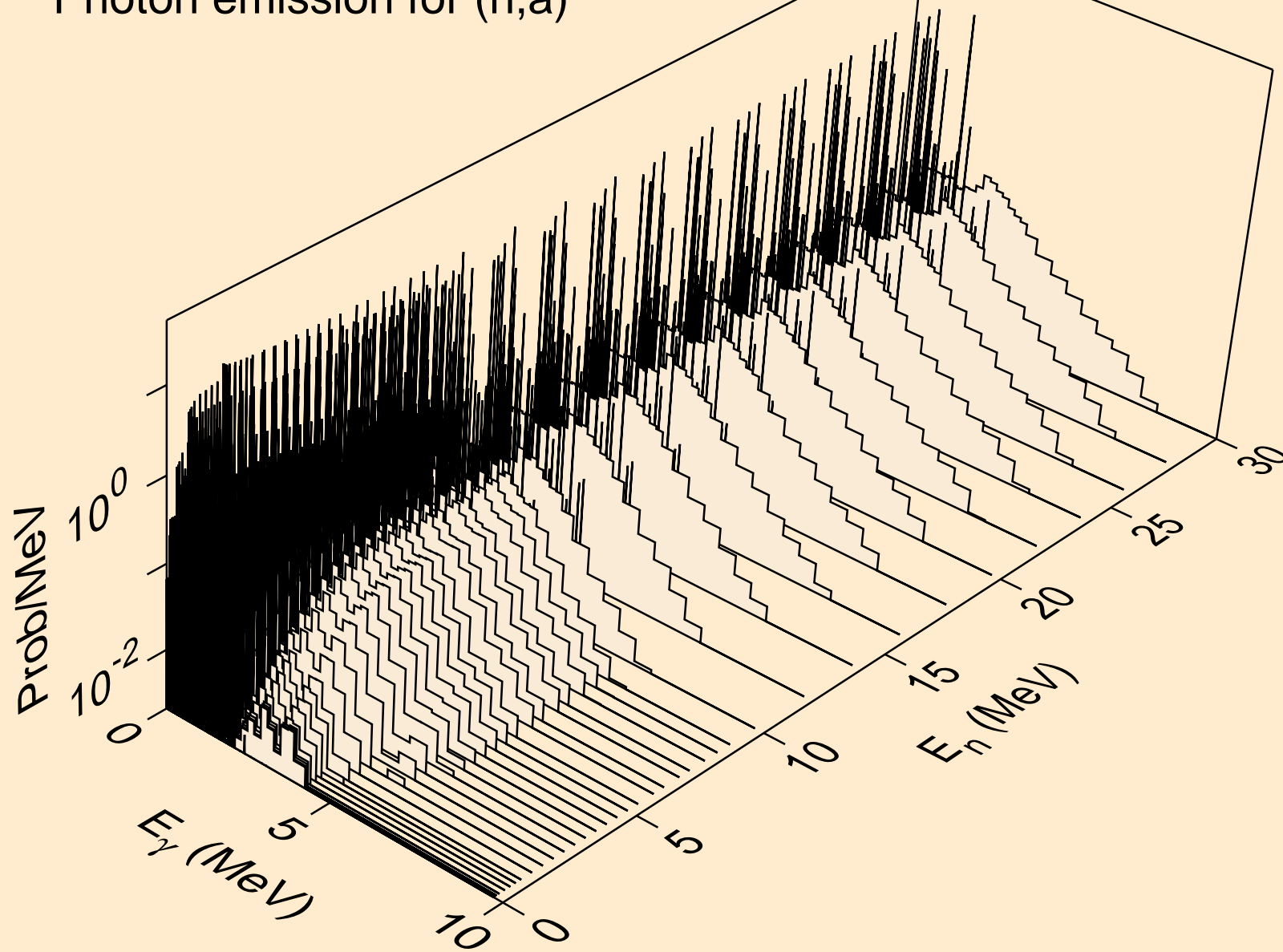
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



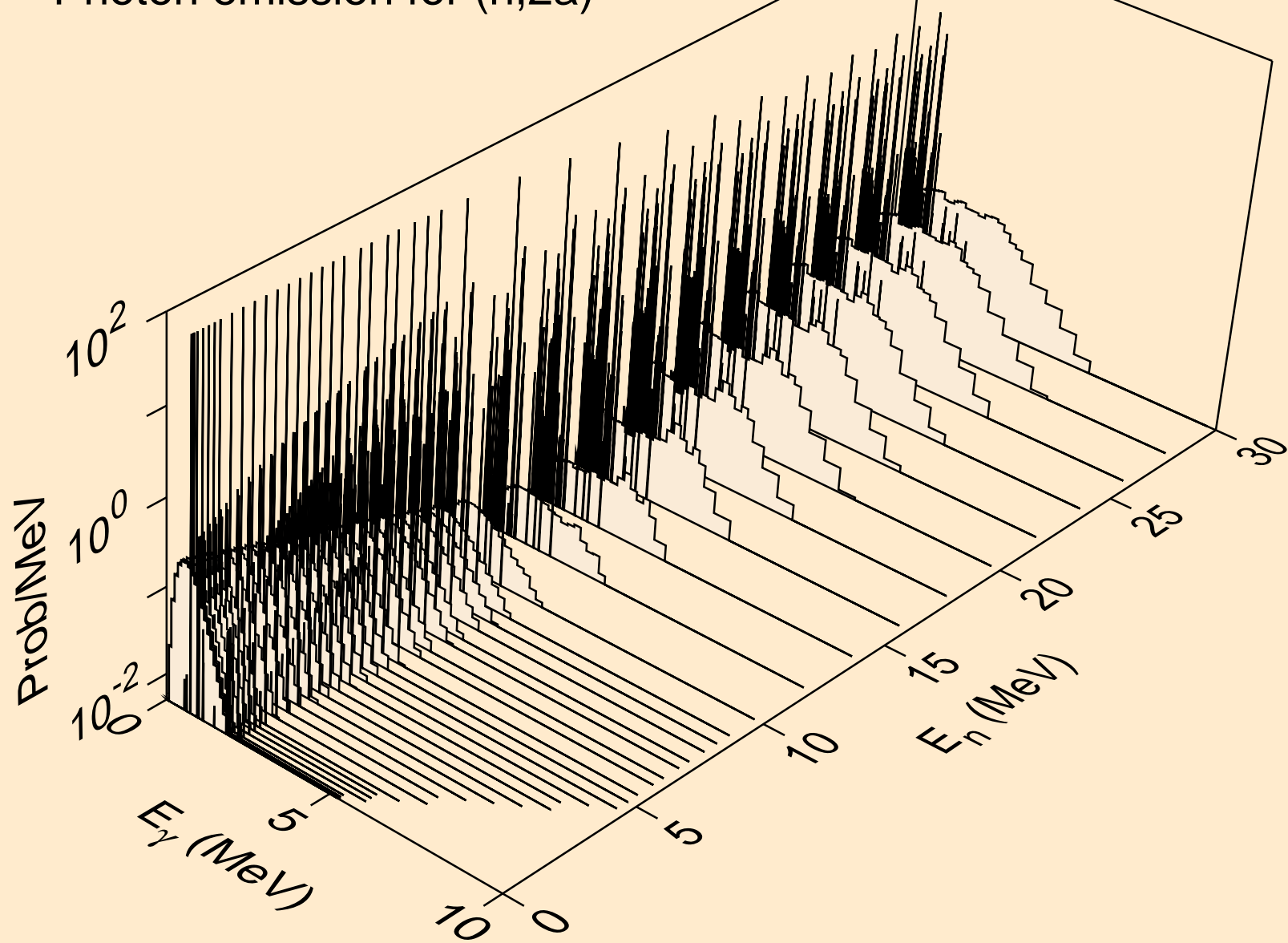
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



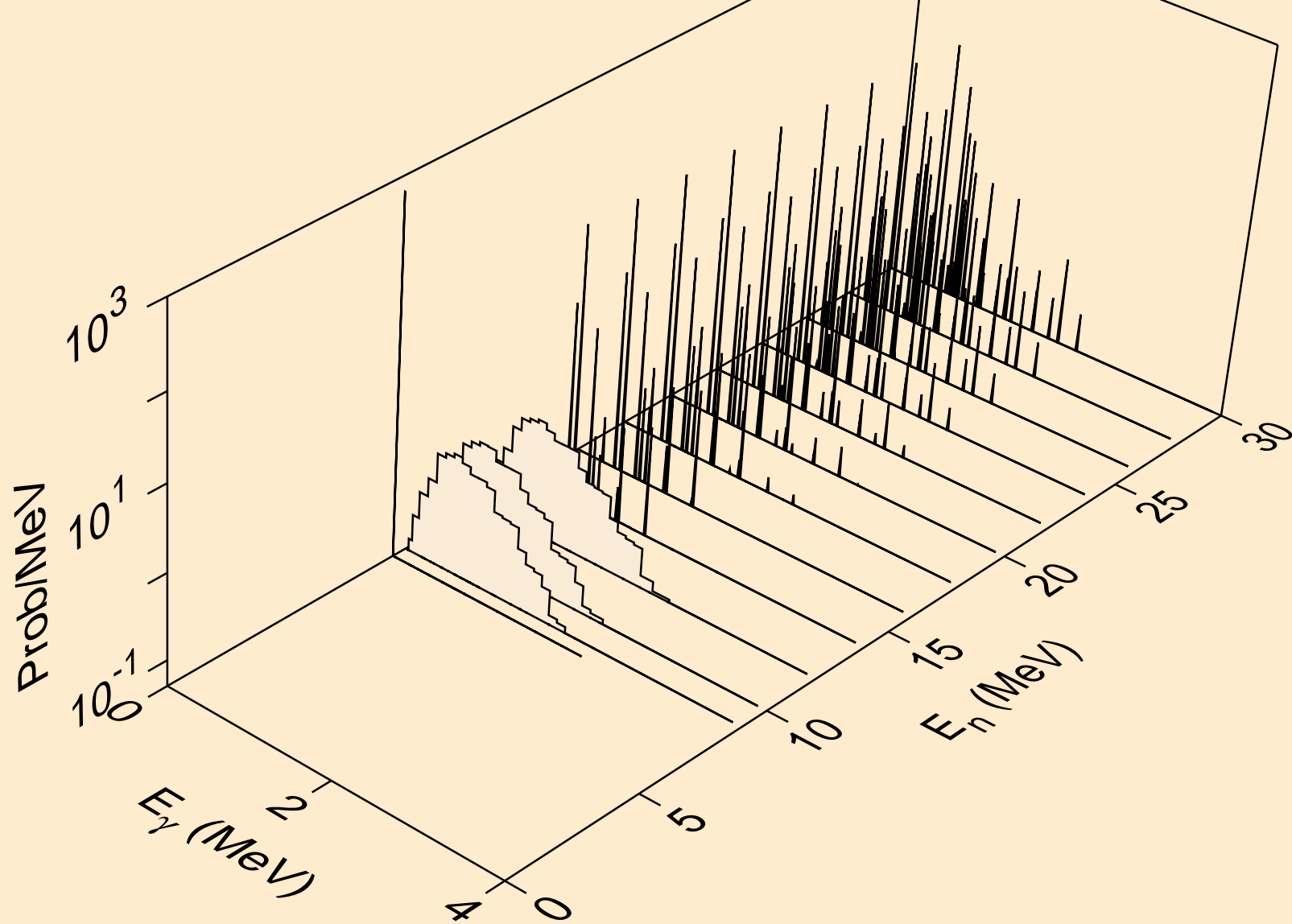
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



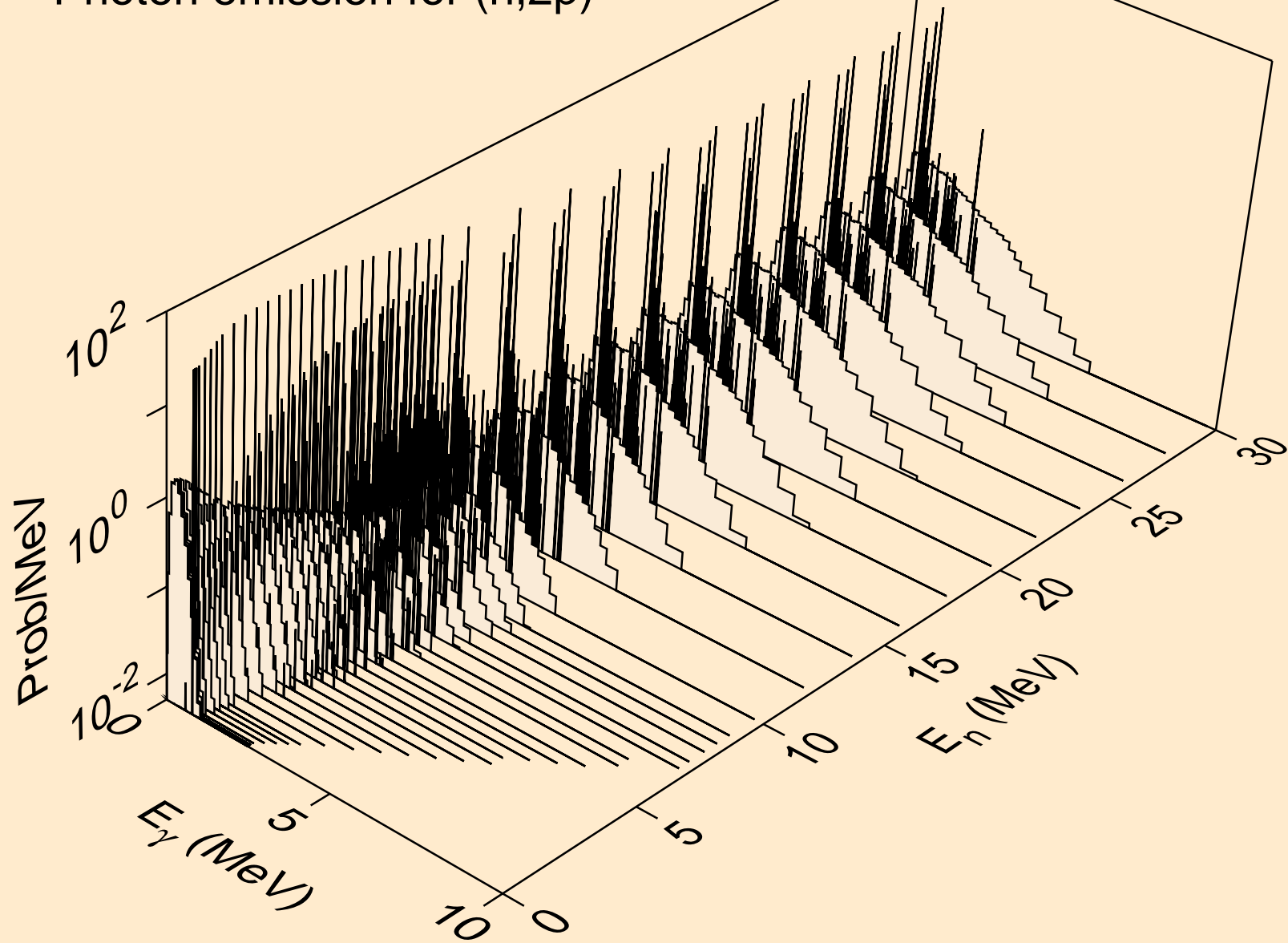
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



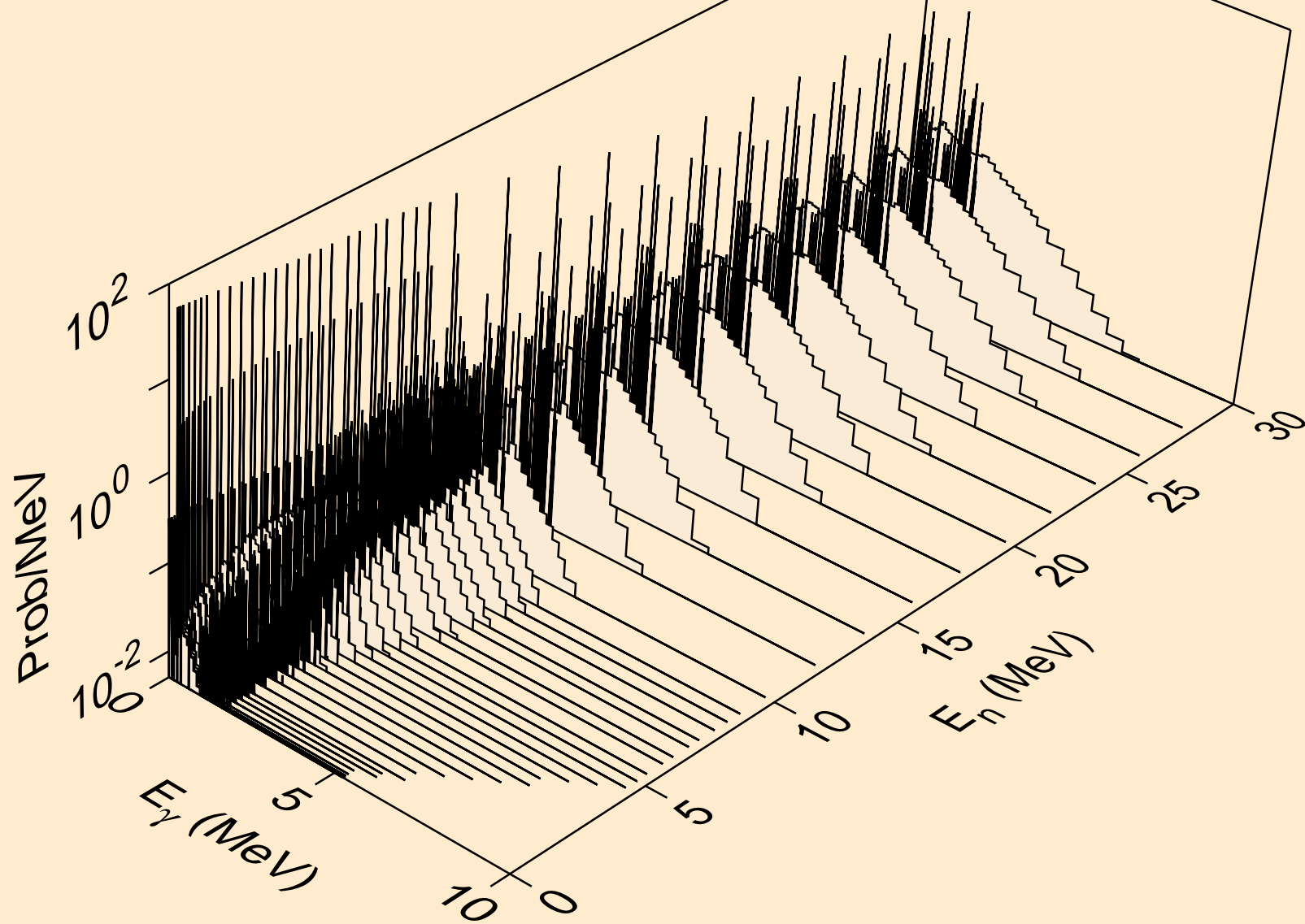
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)



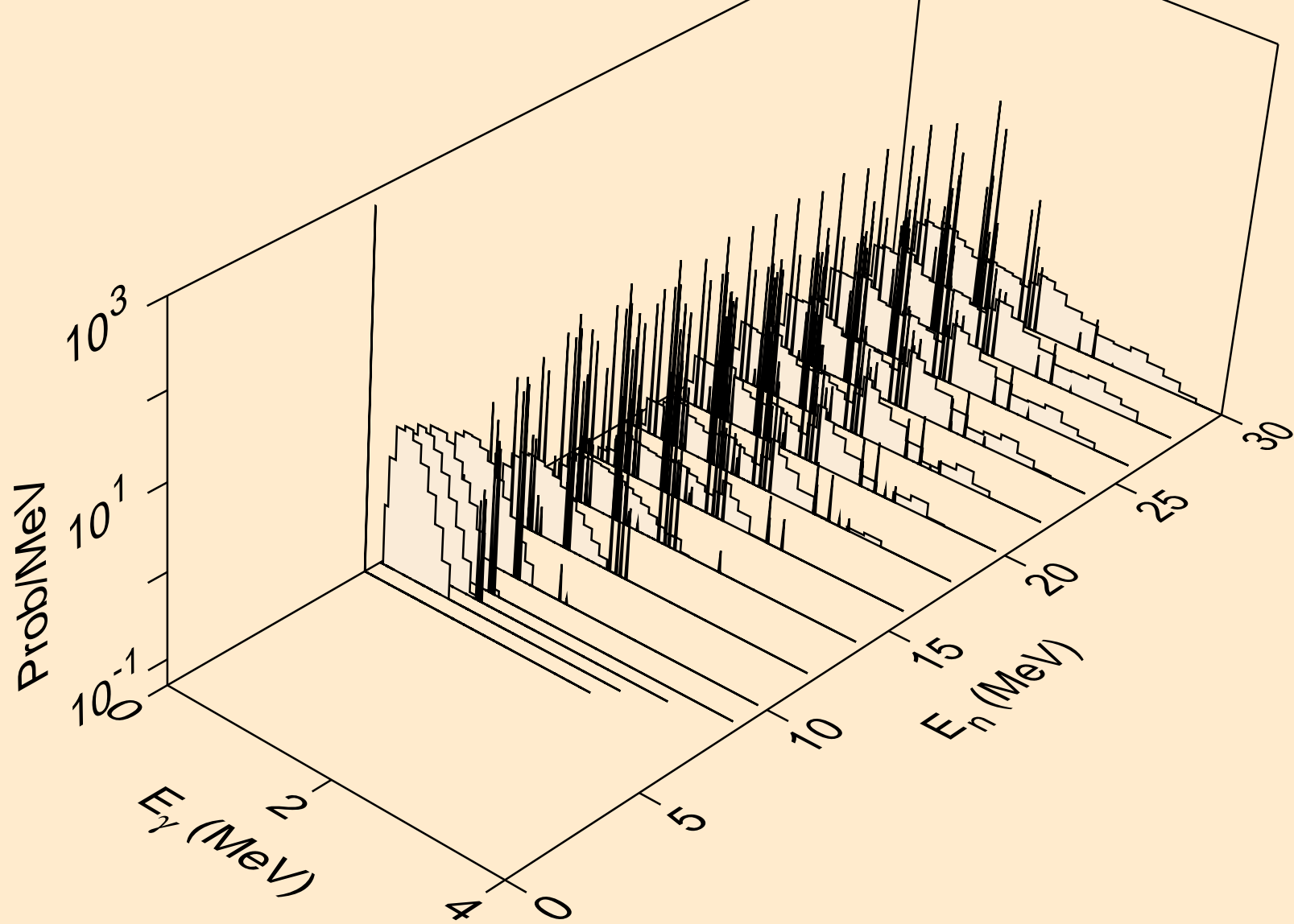
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



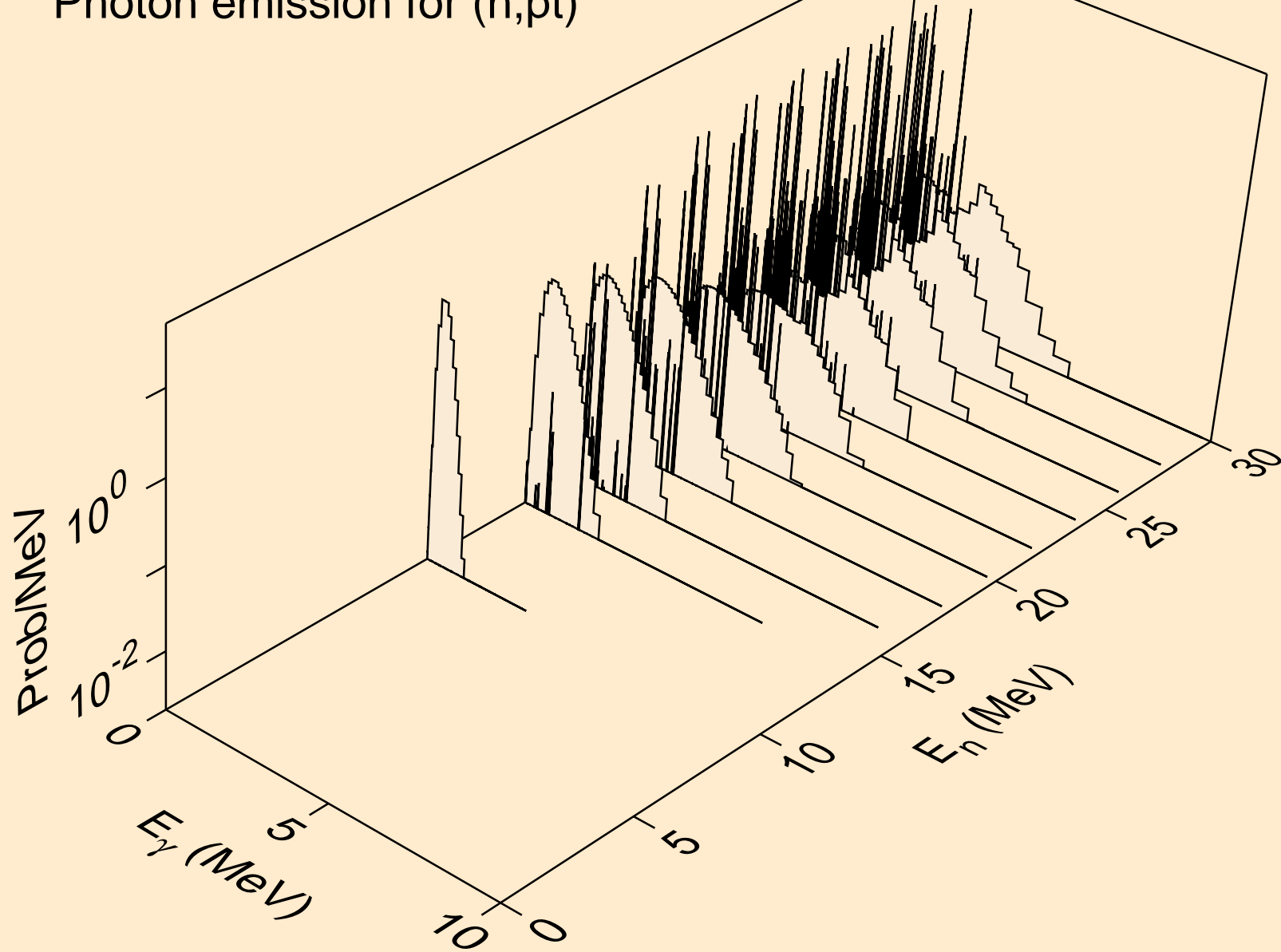
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



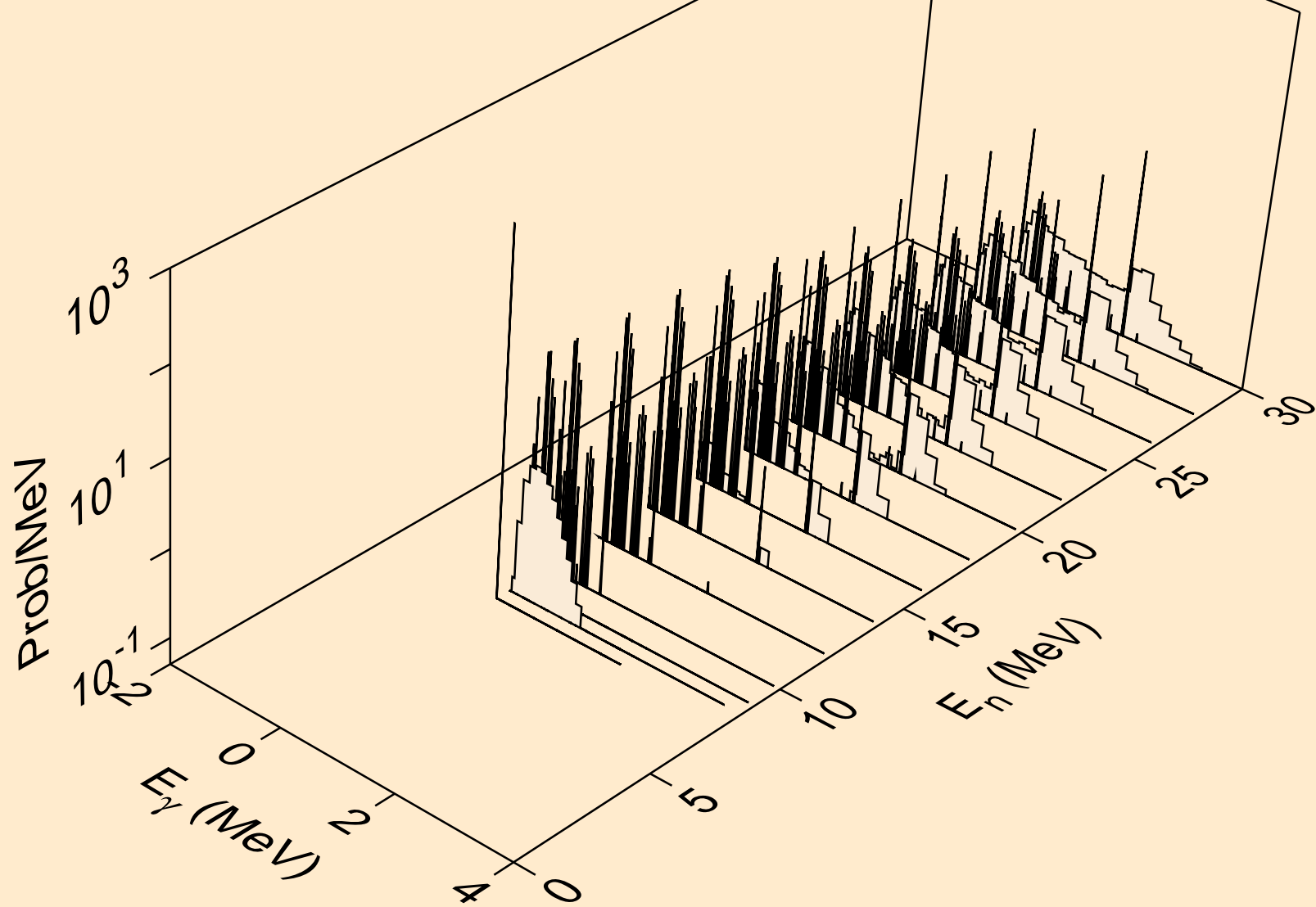
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



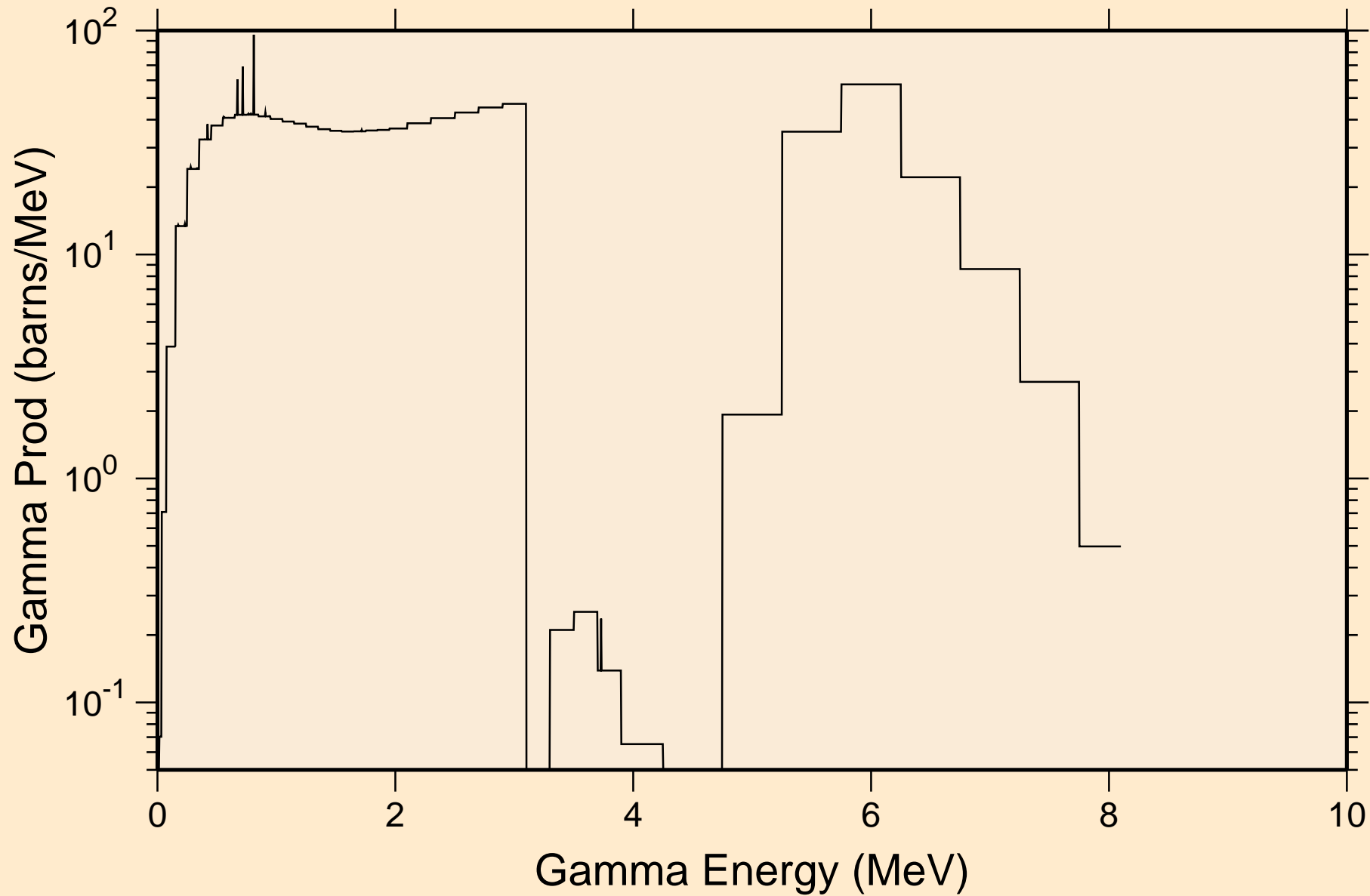
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



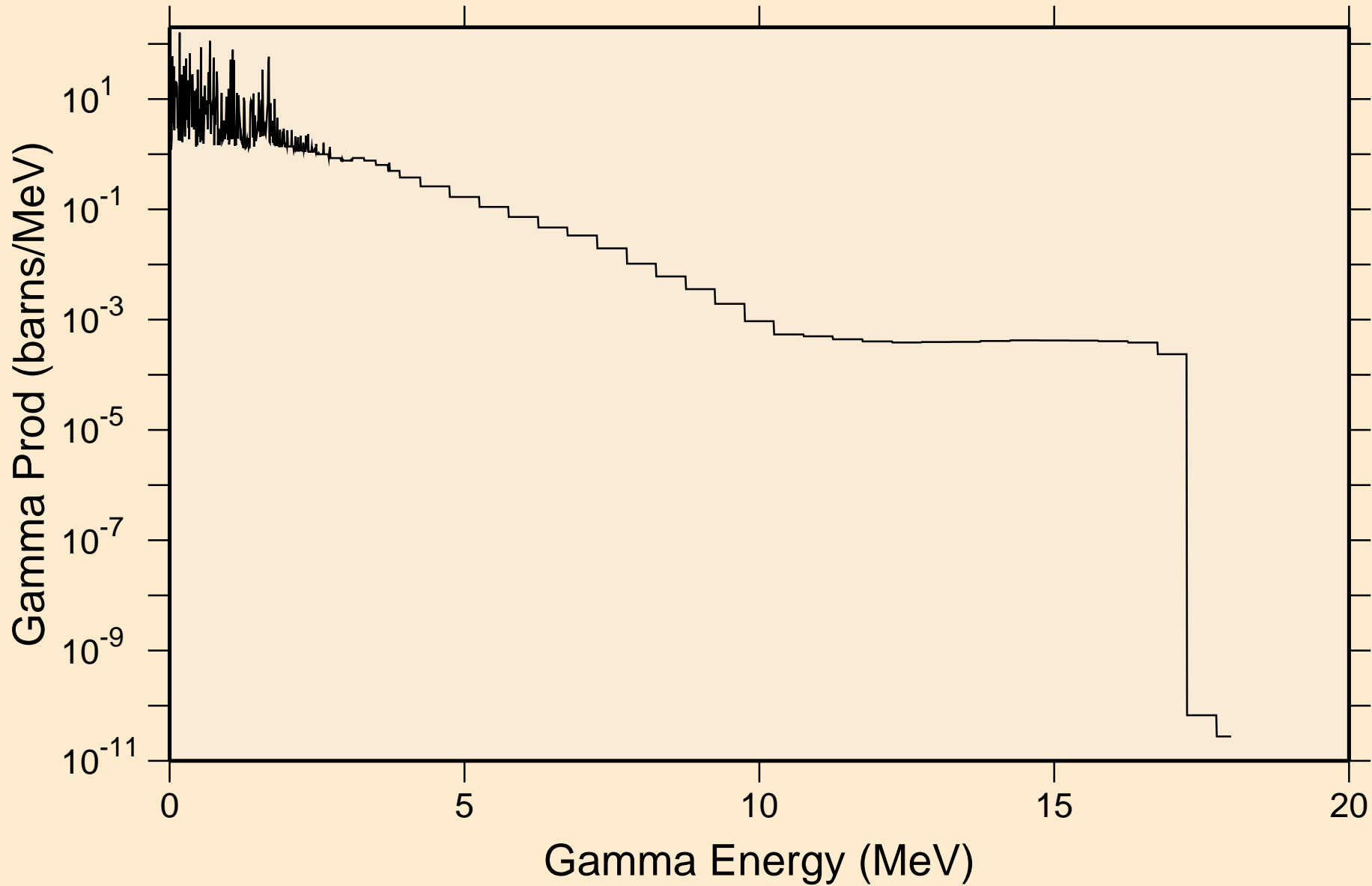
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



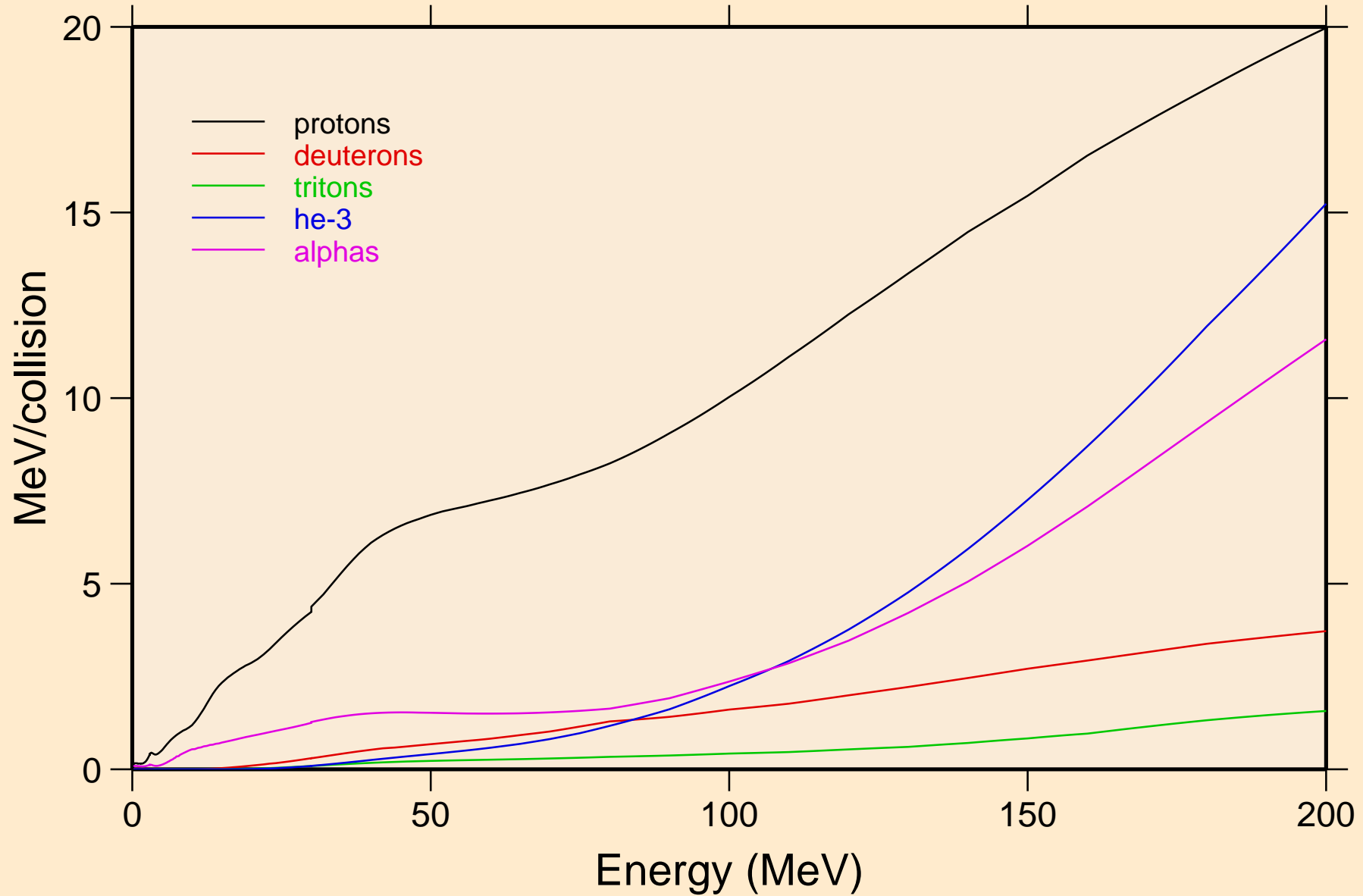
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



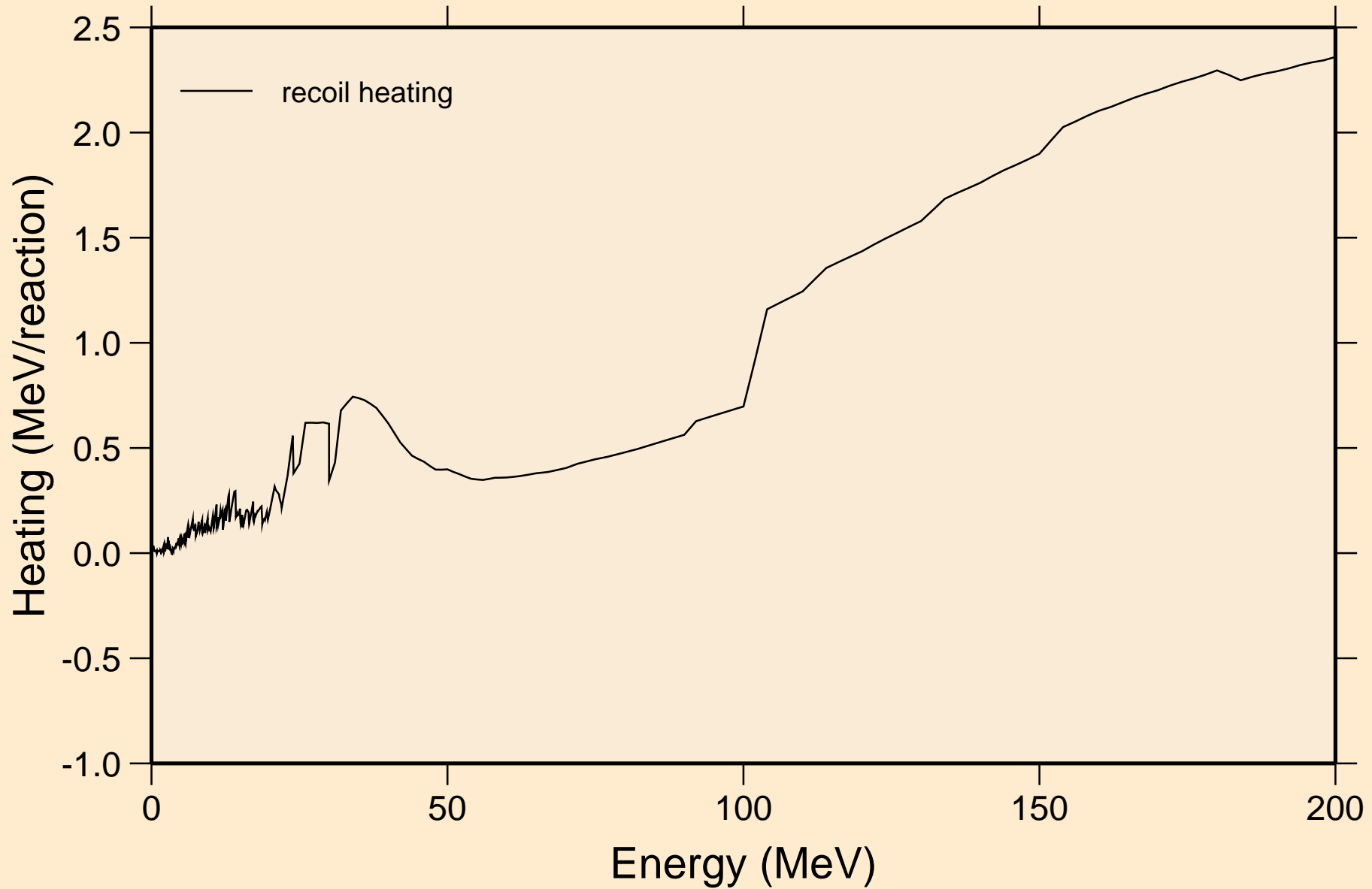
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



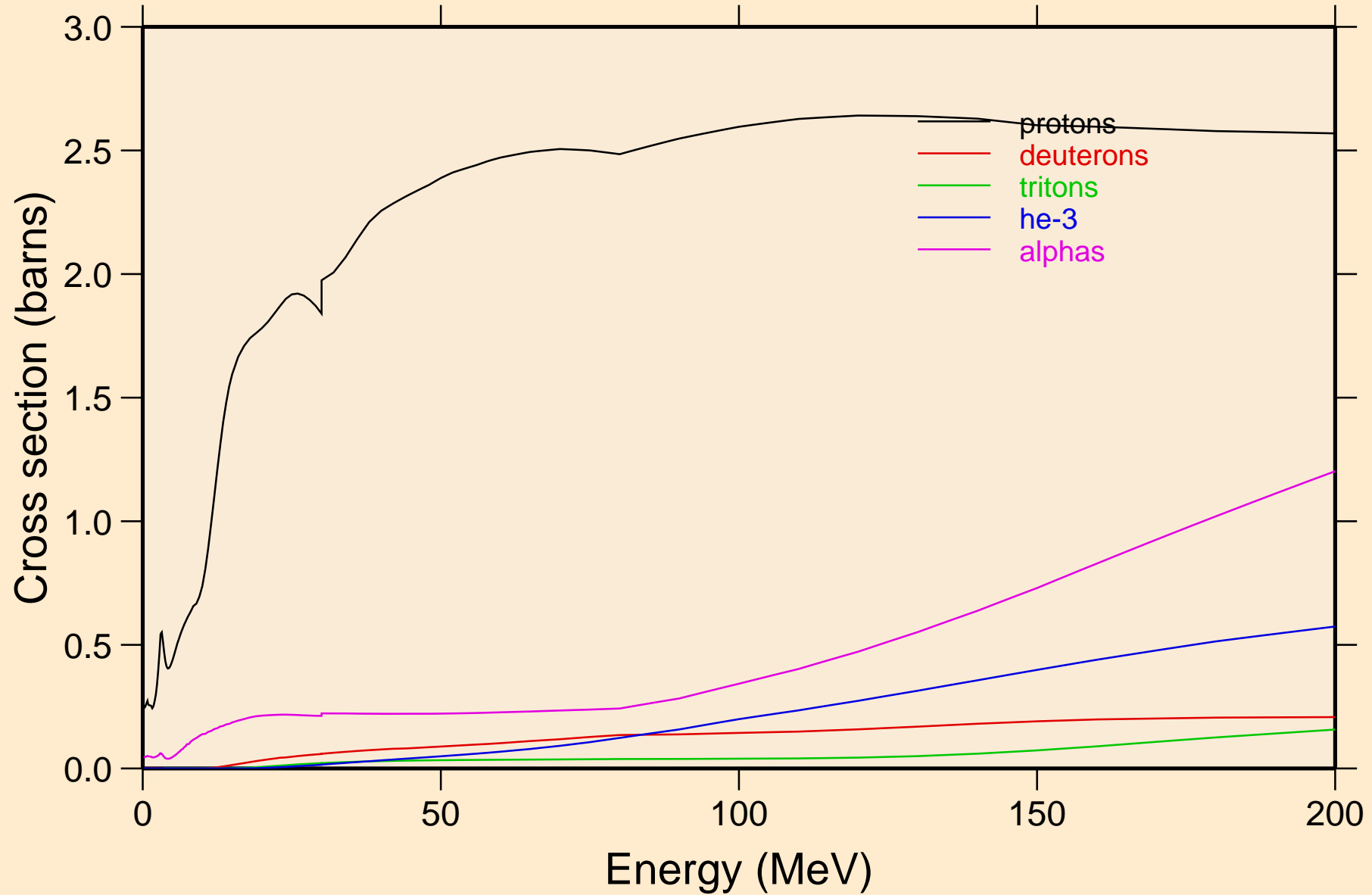
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions



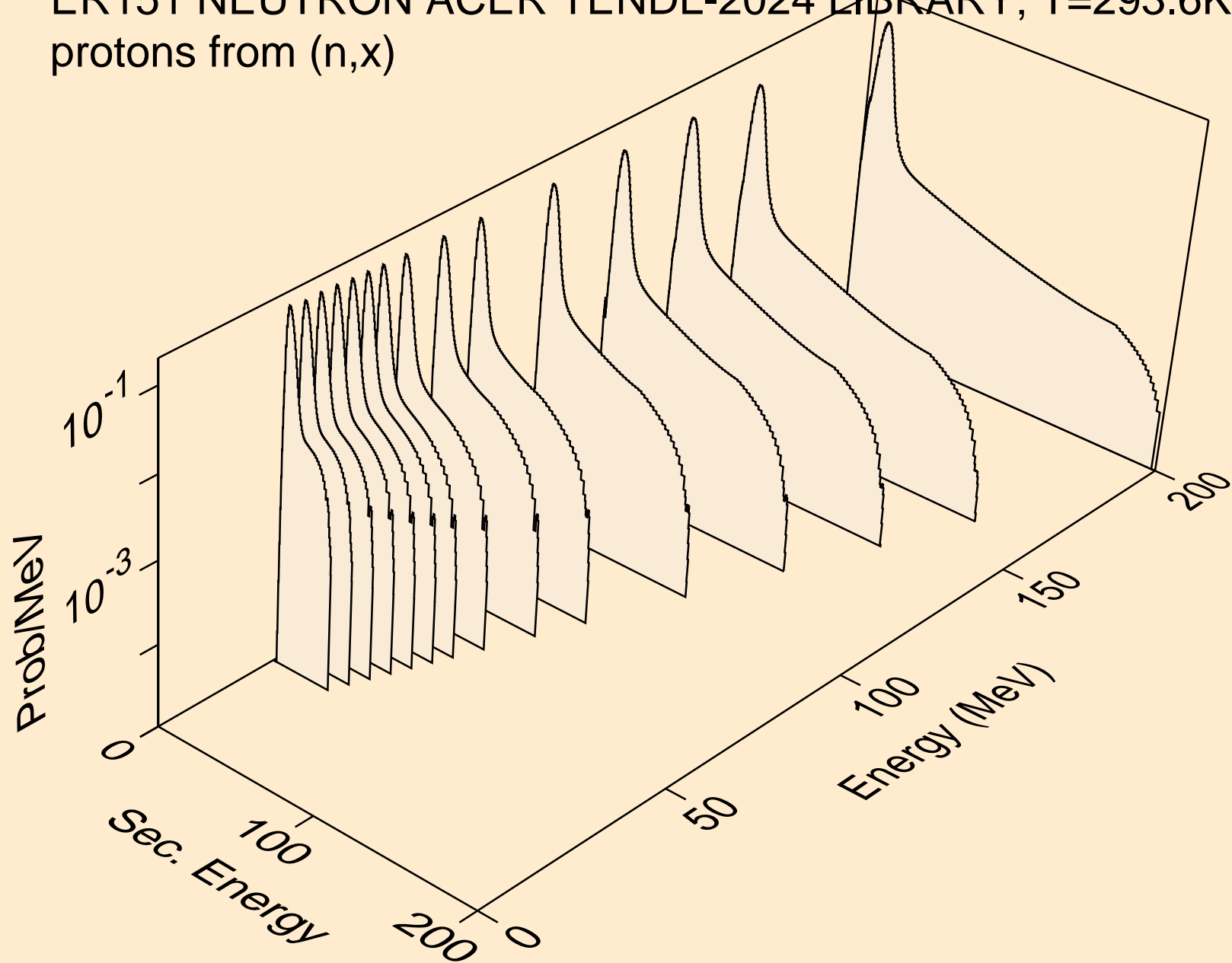
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



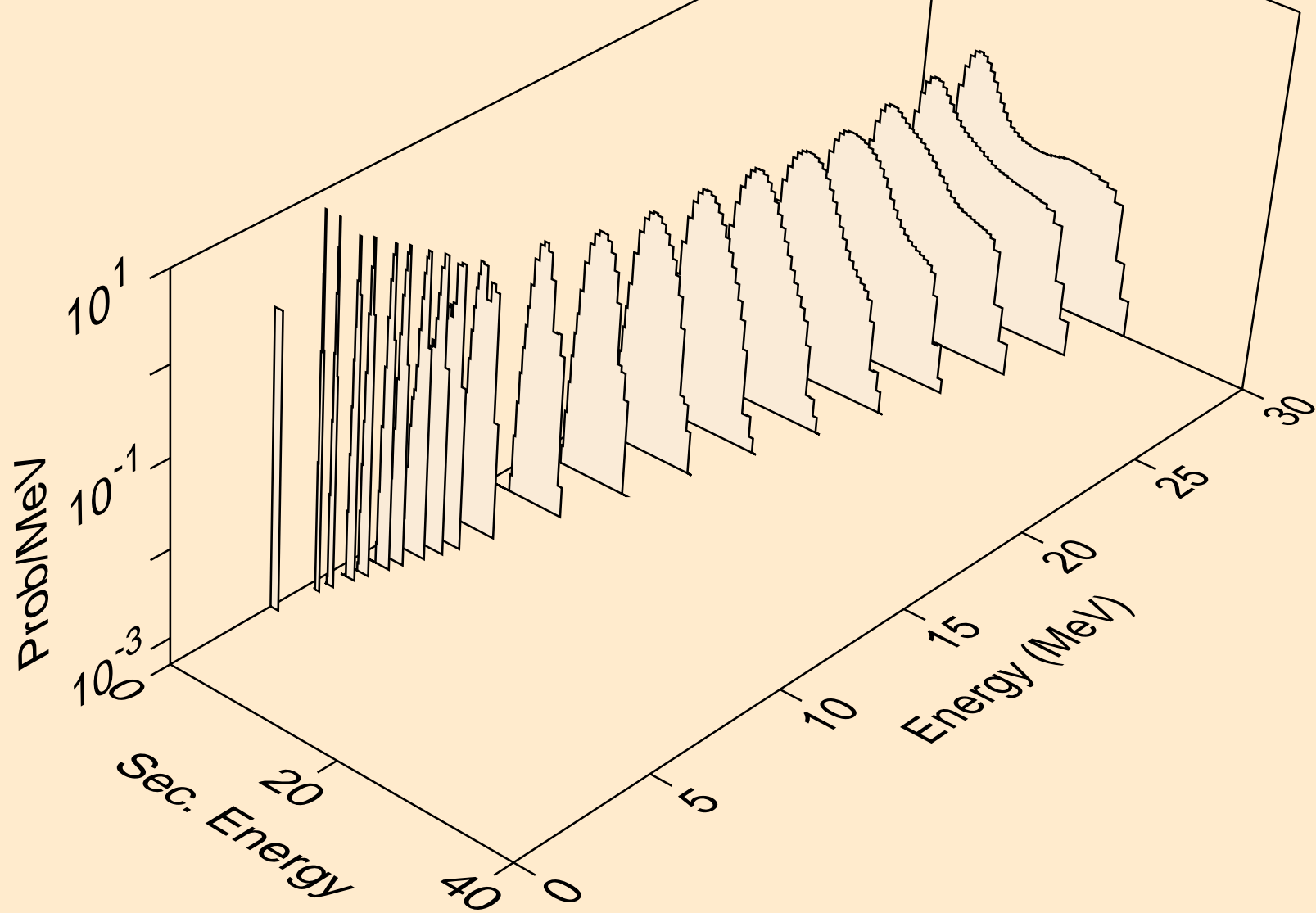
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



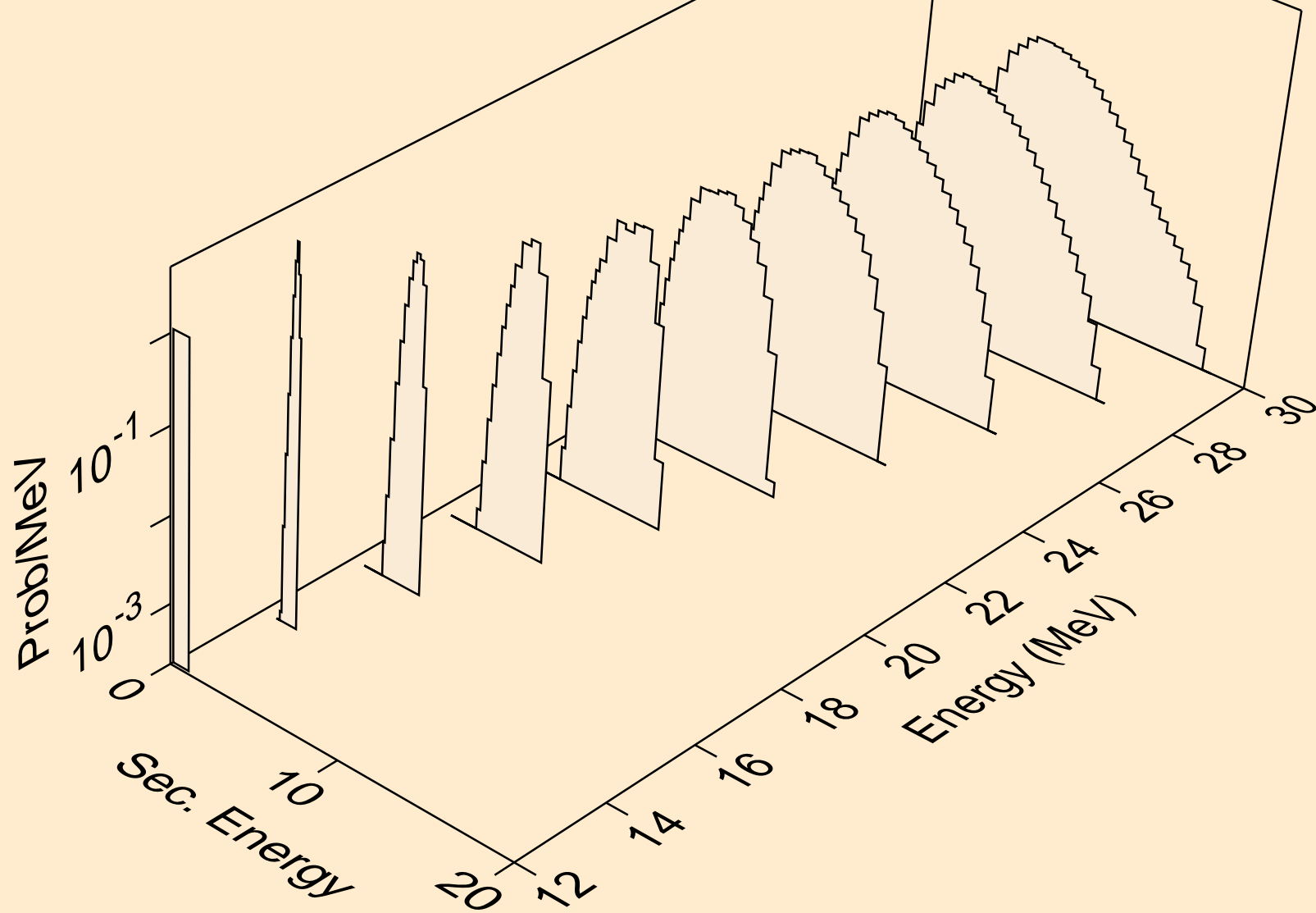
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



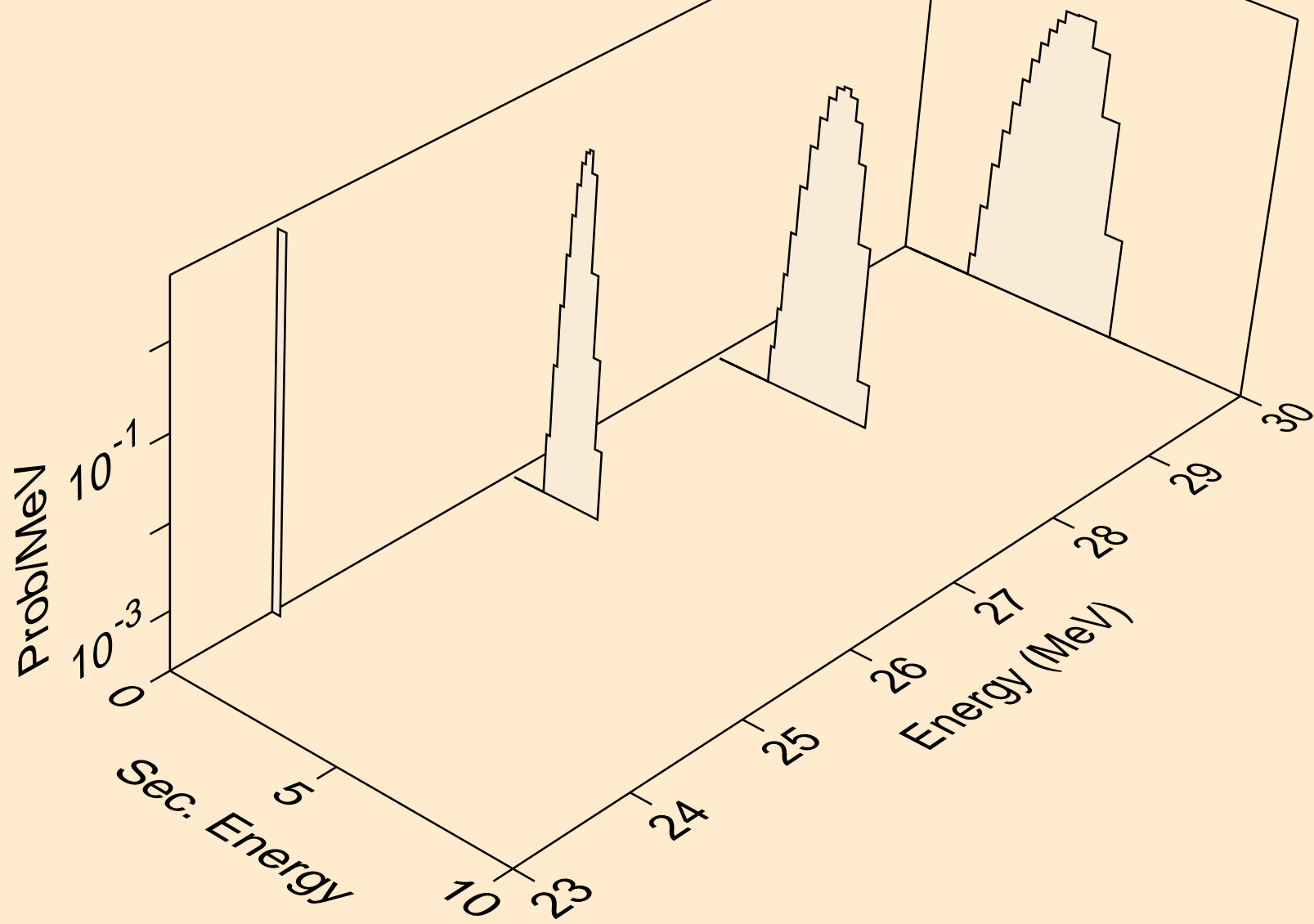
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



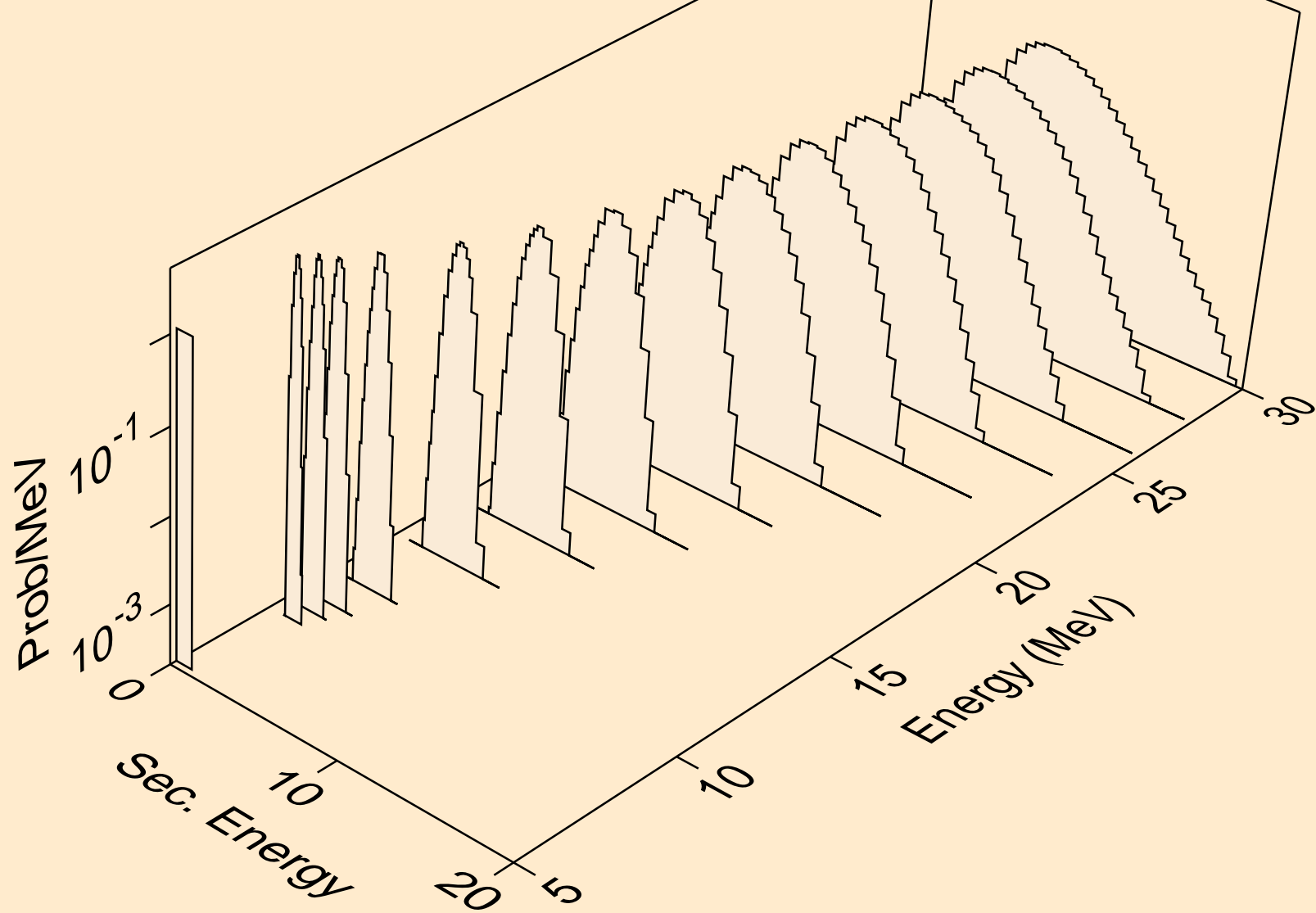
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



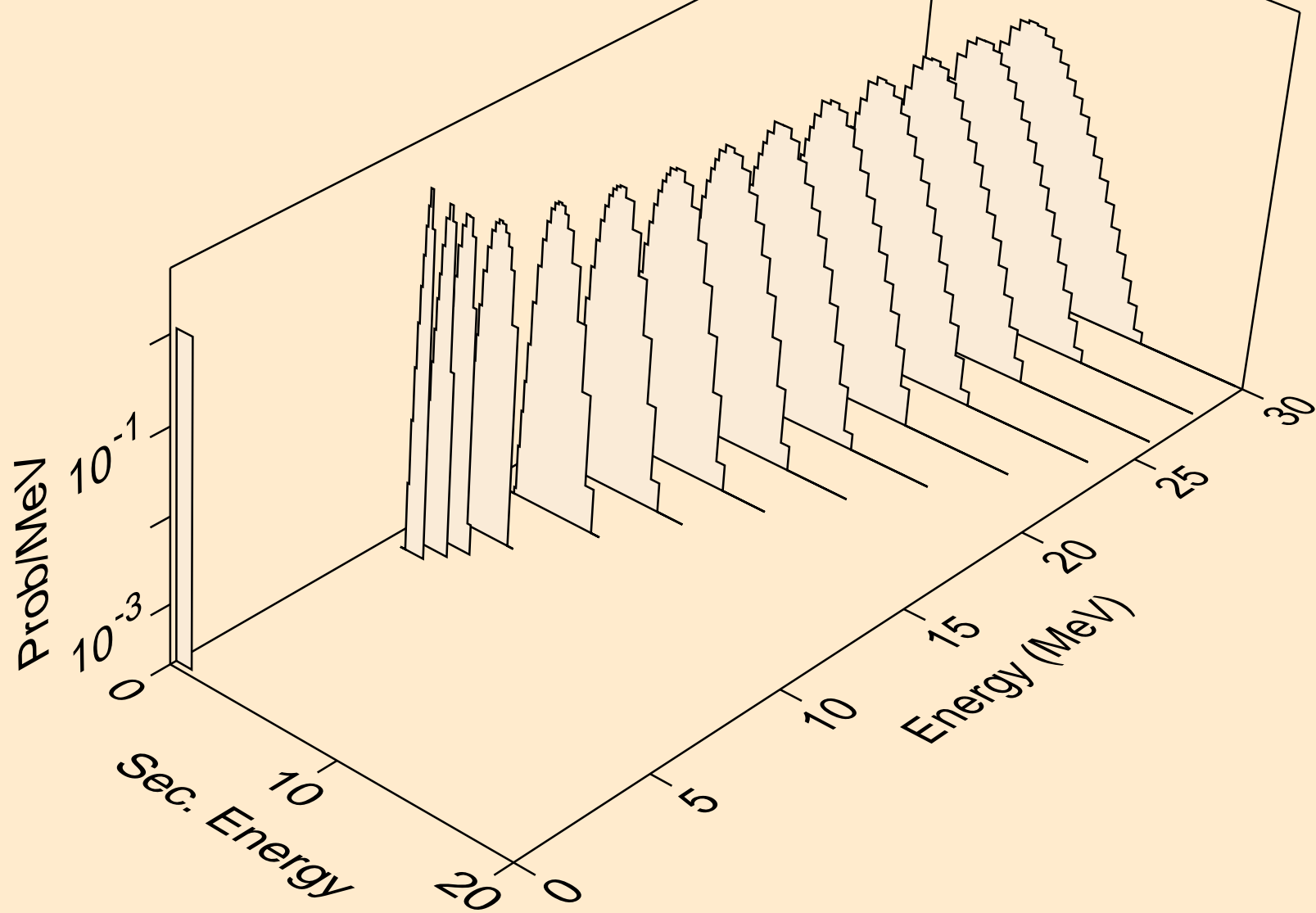
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



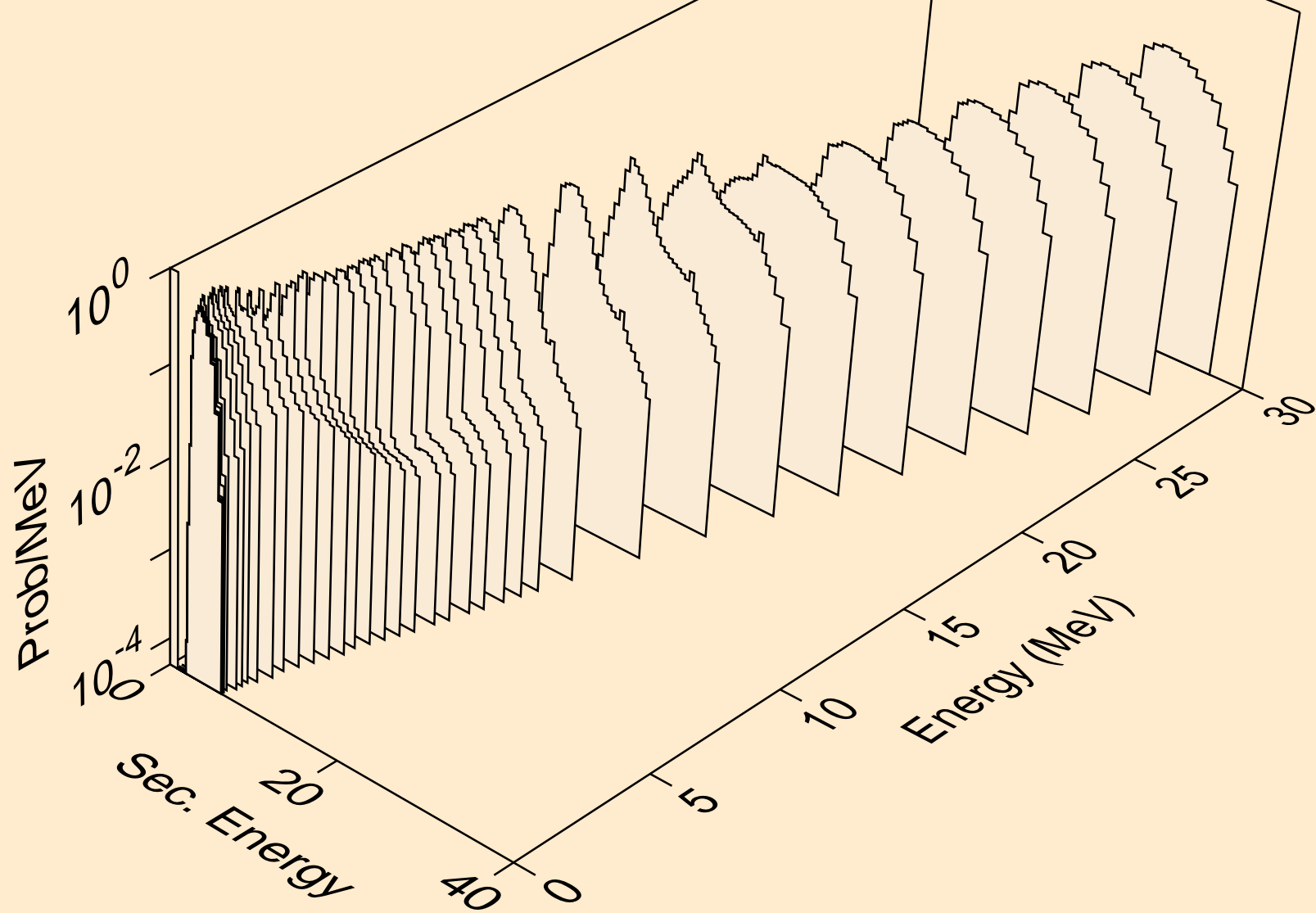
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



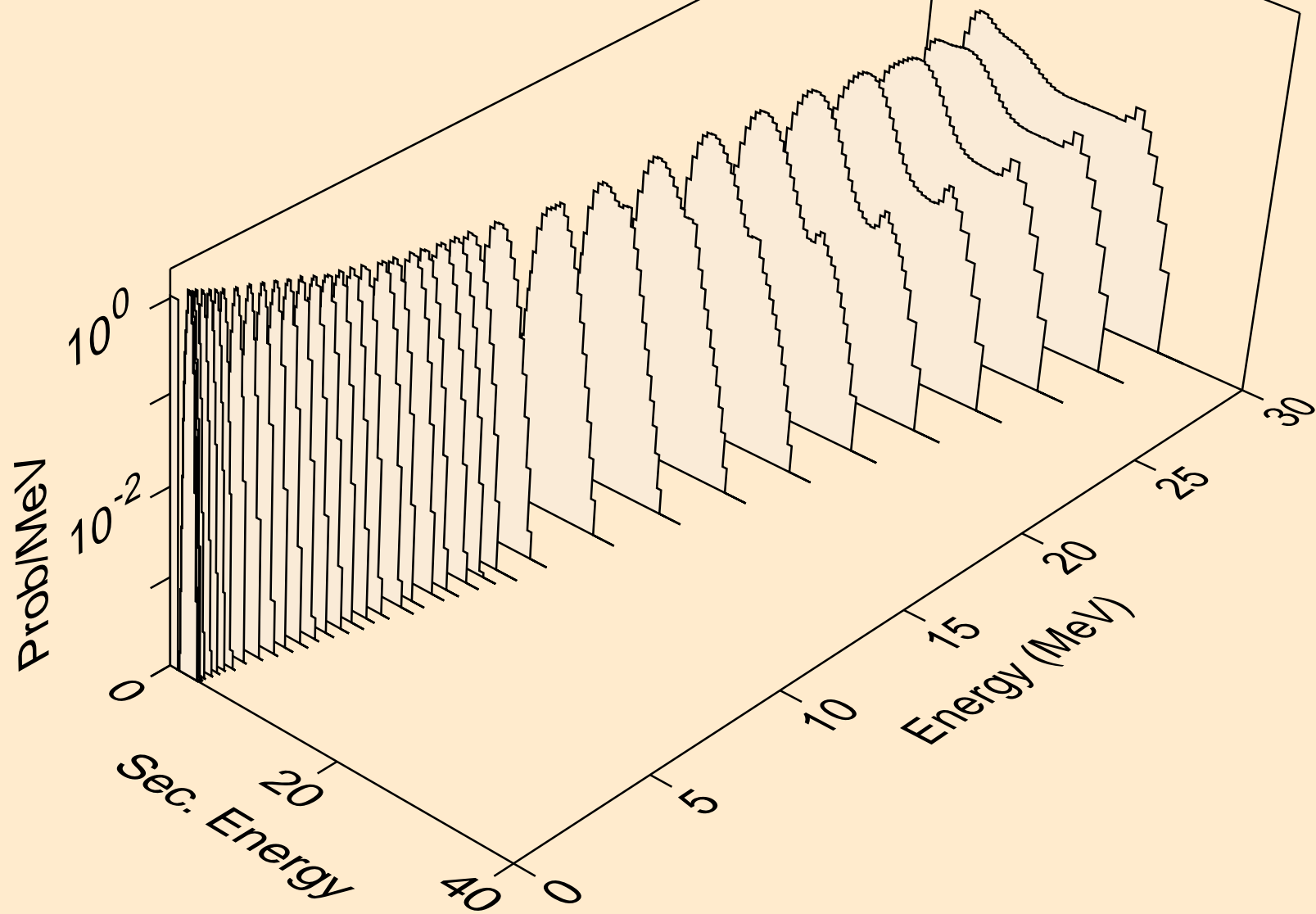
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,npa)



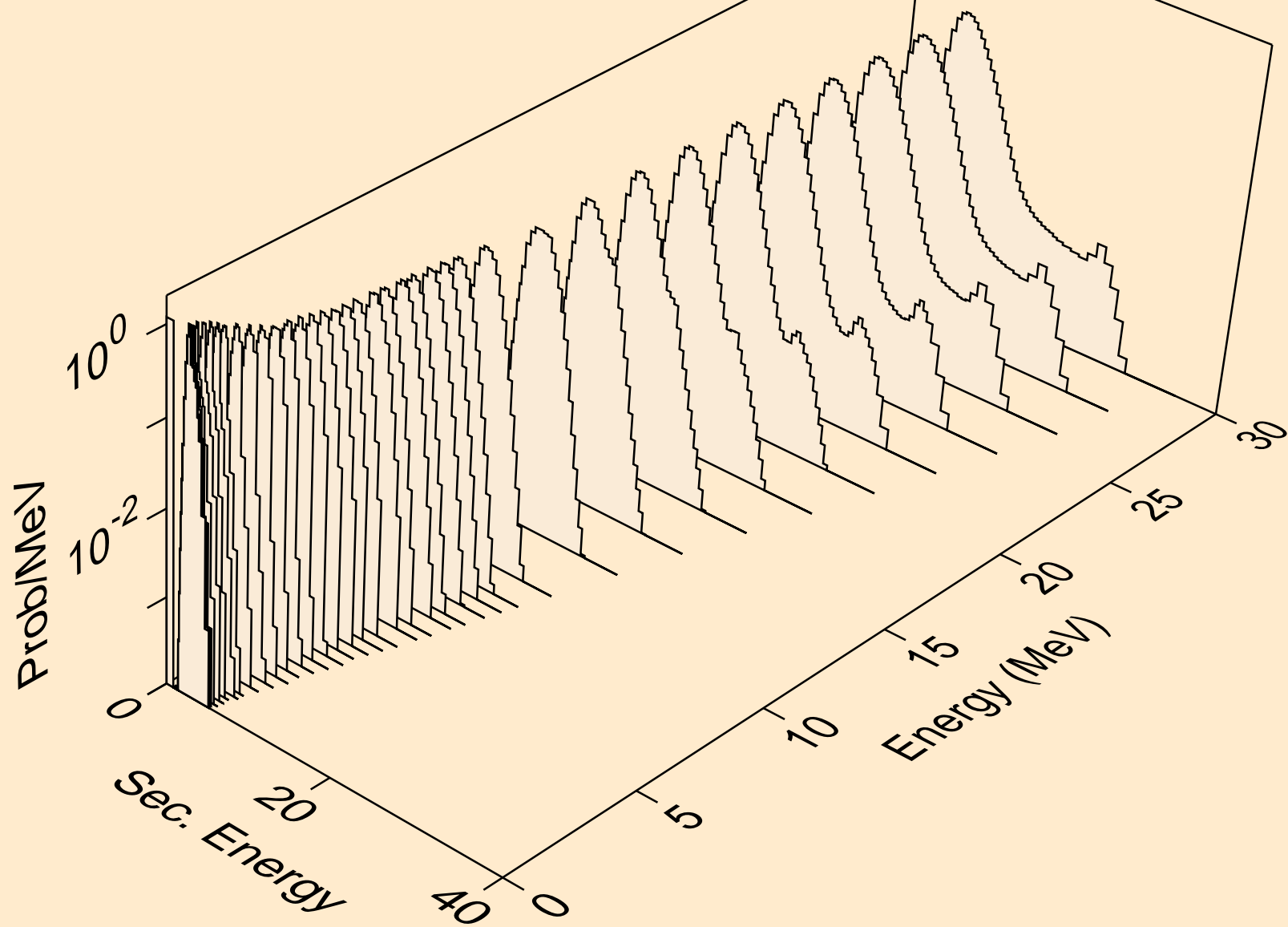
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



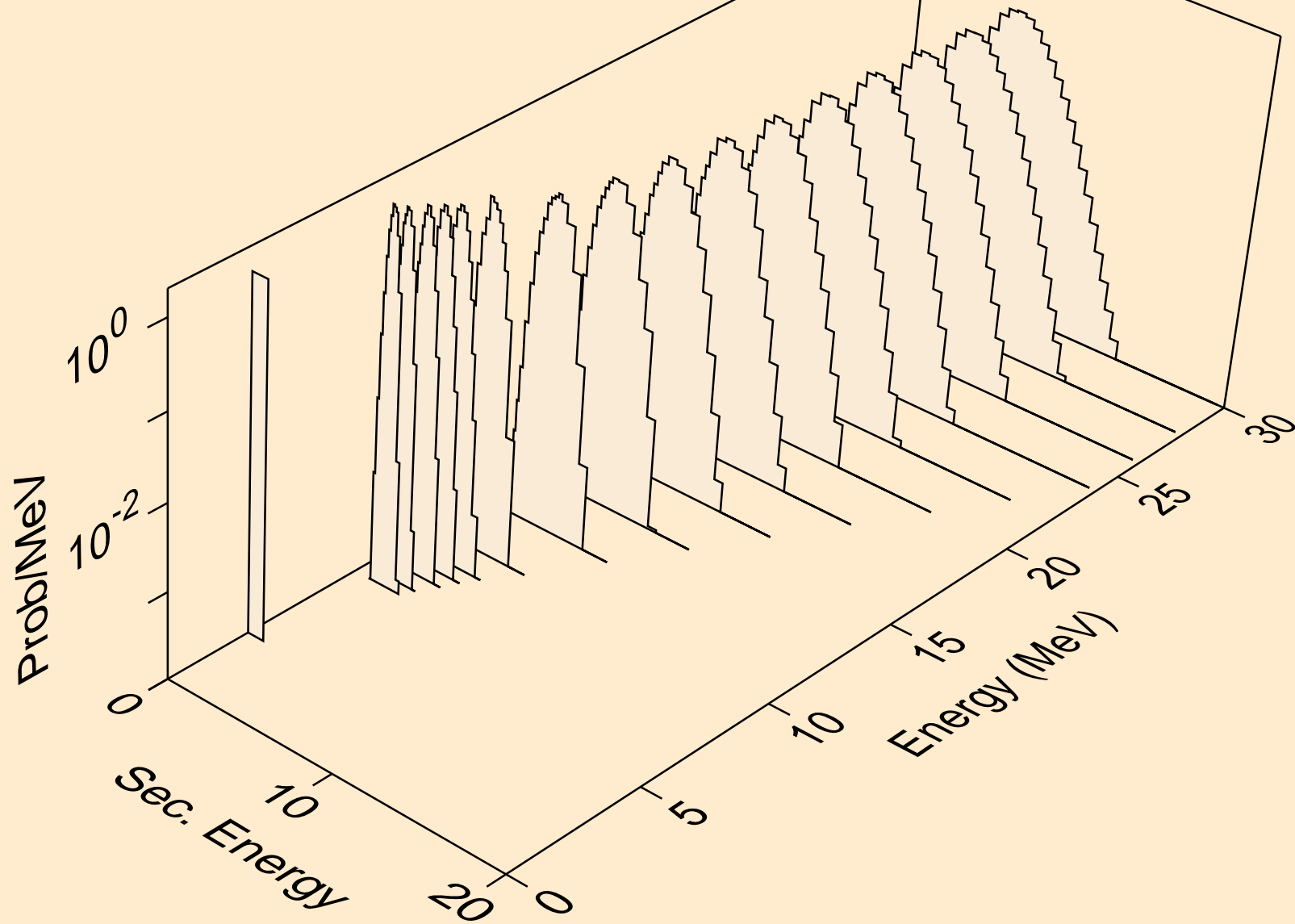
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2p)



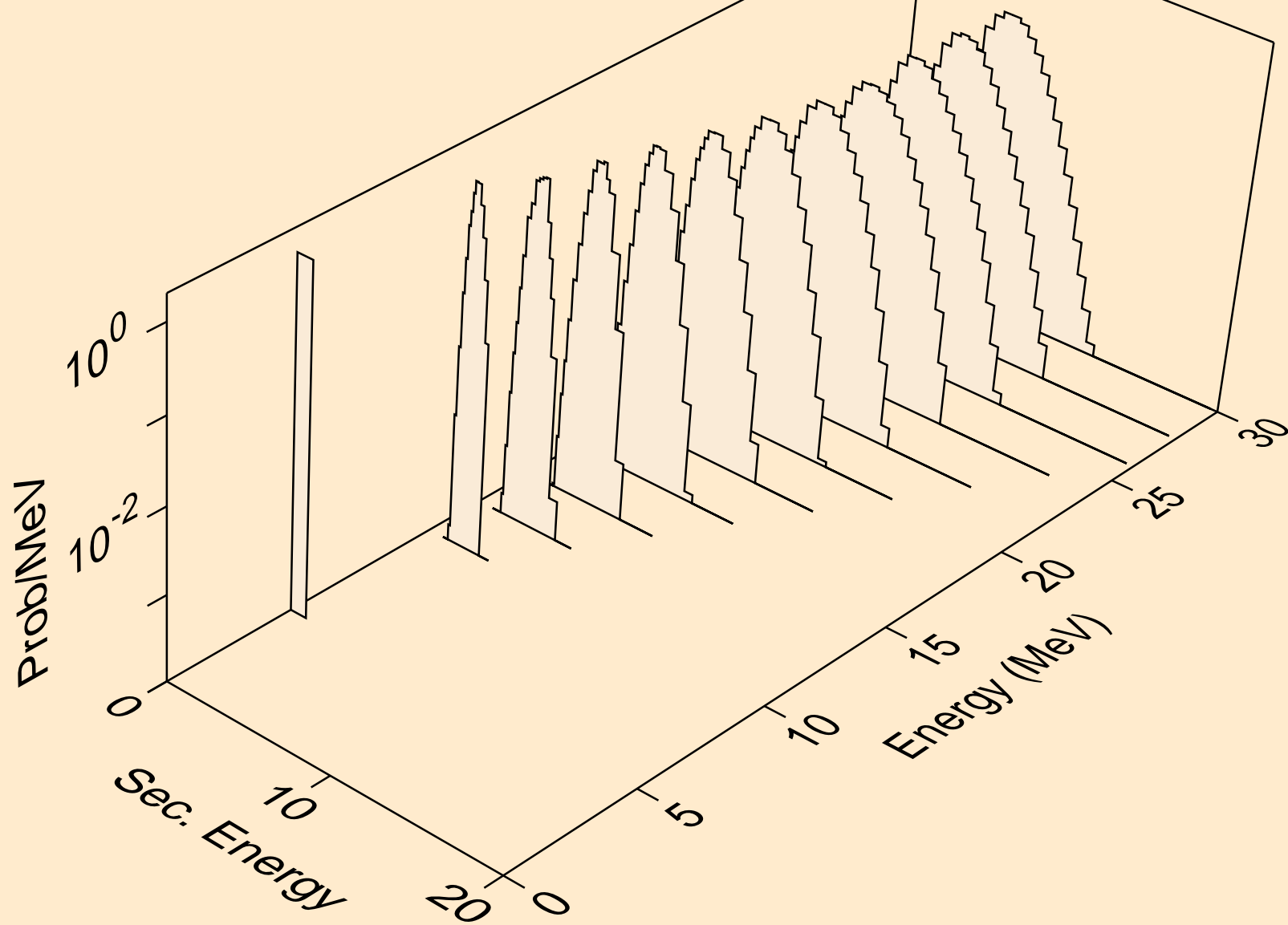
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



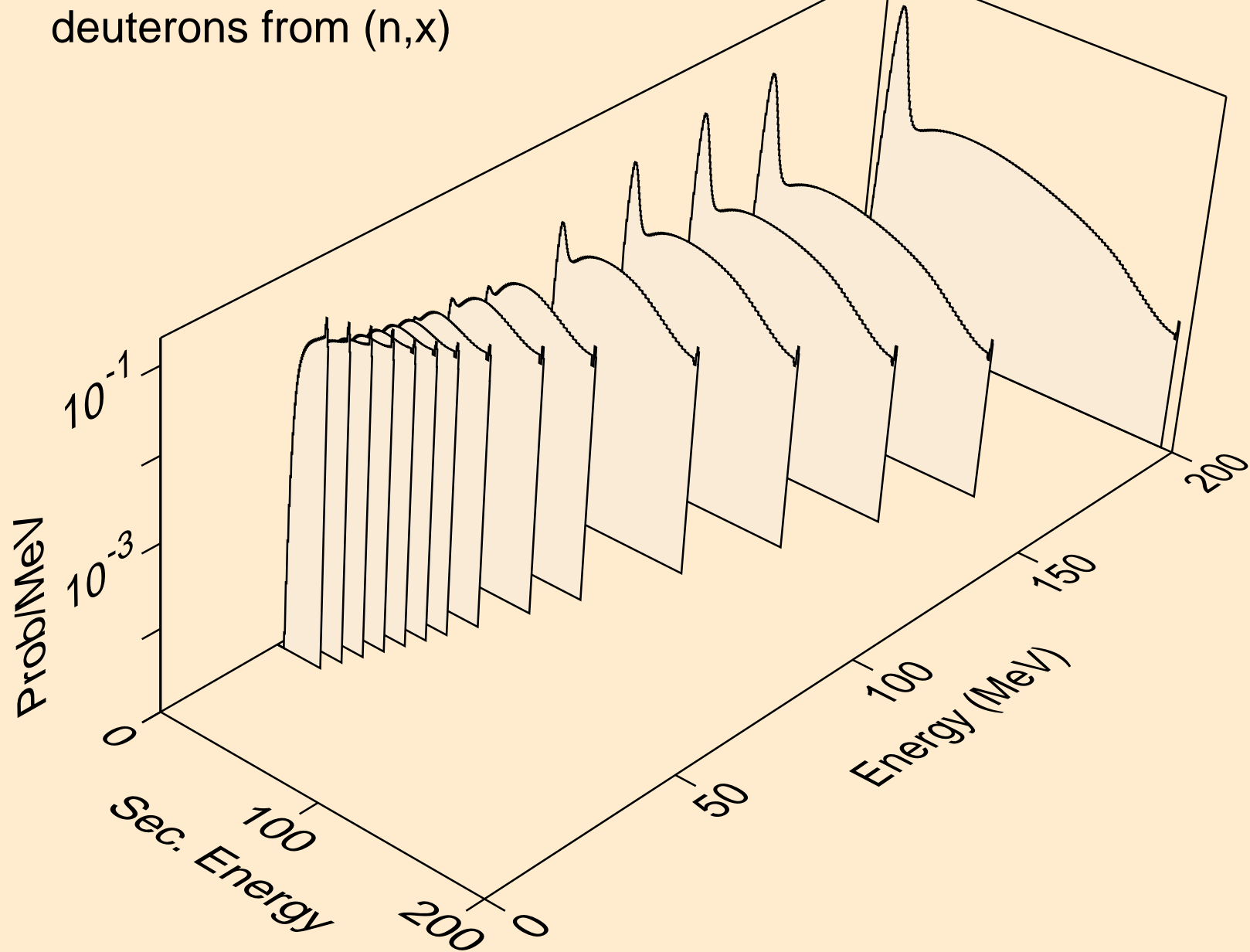
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



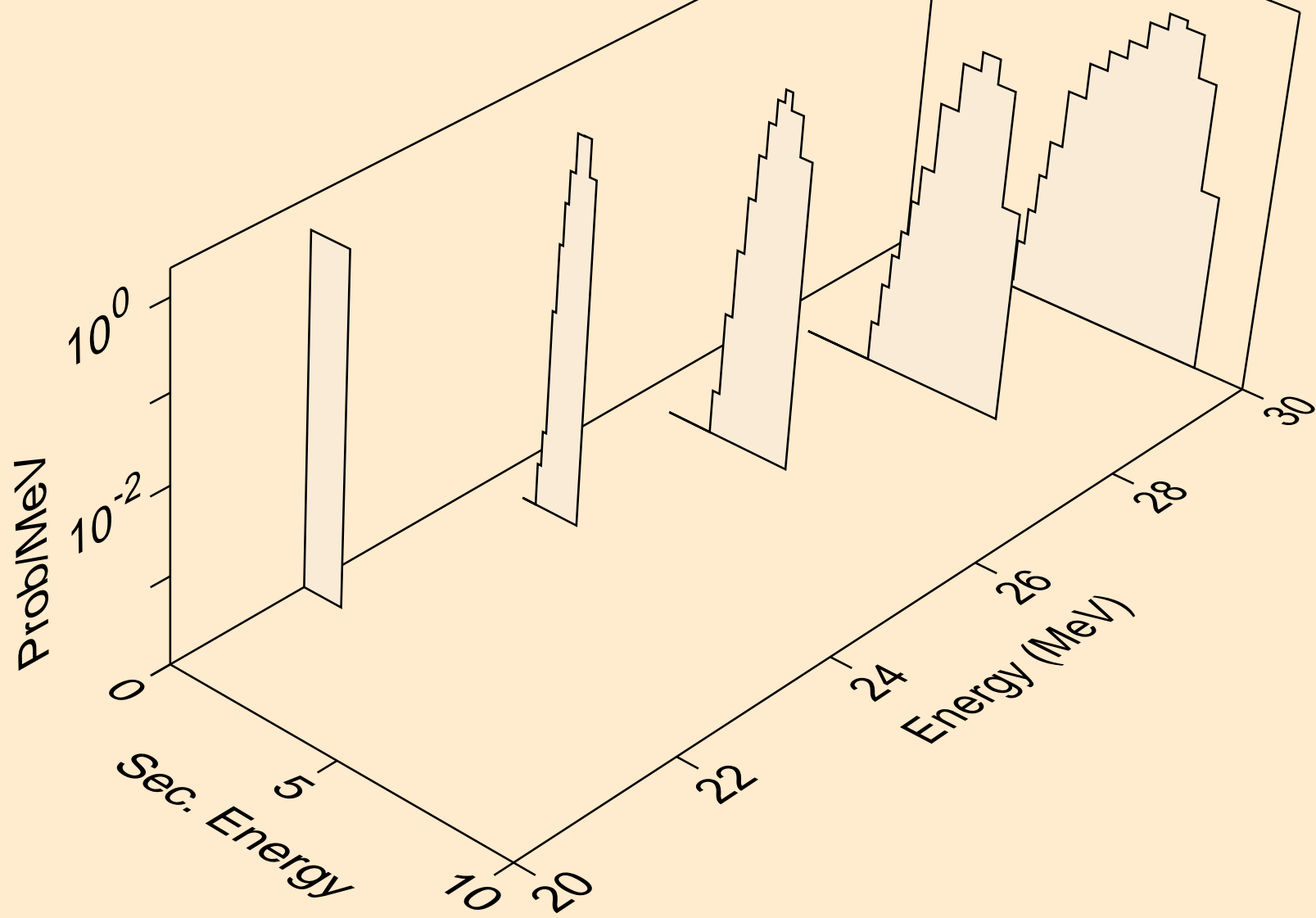
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pt)



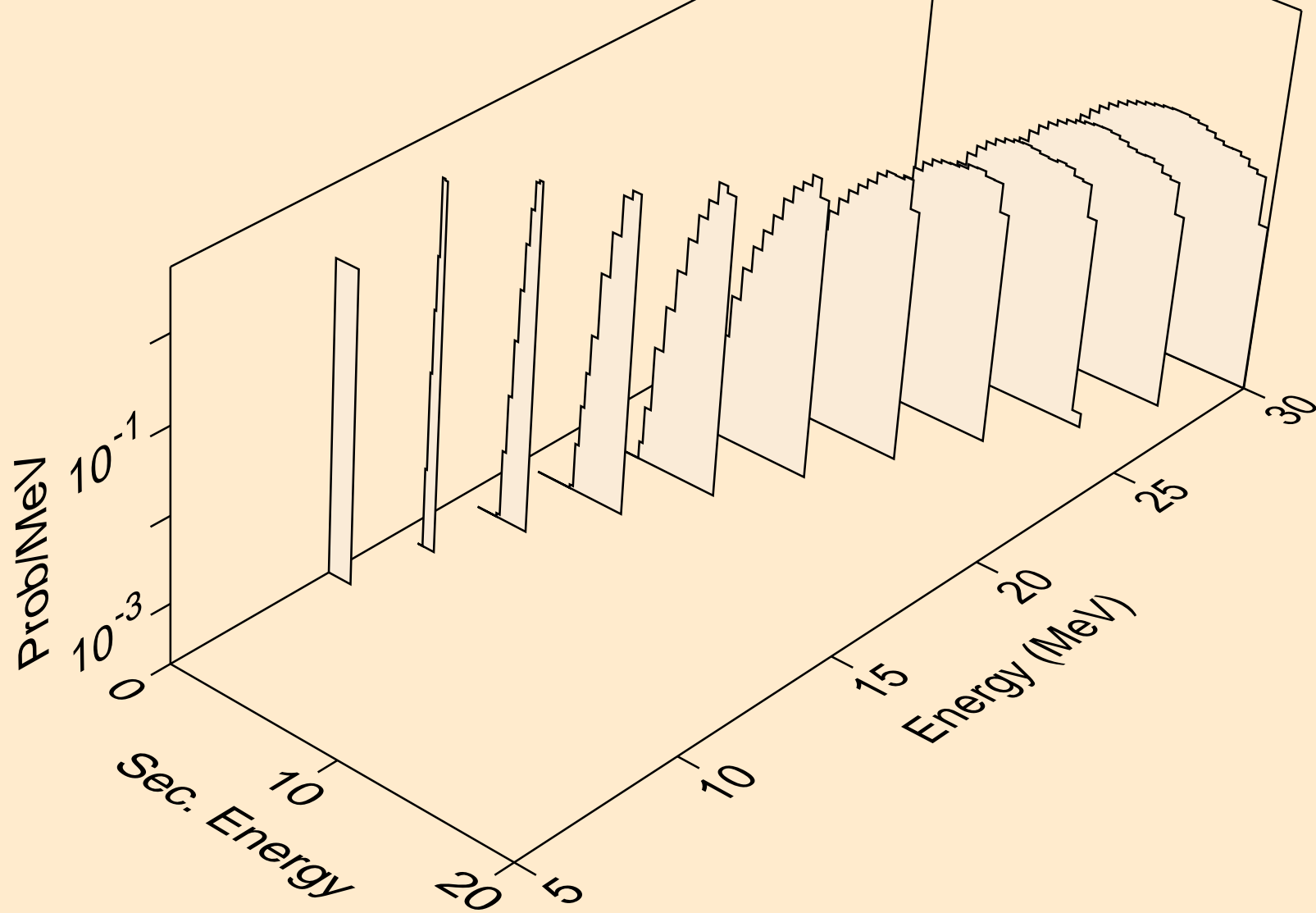
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



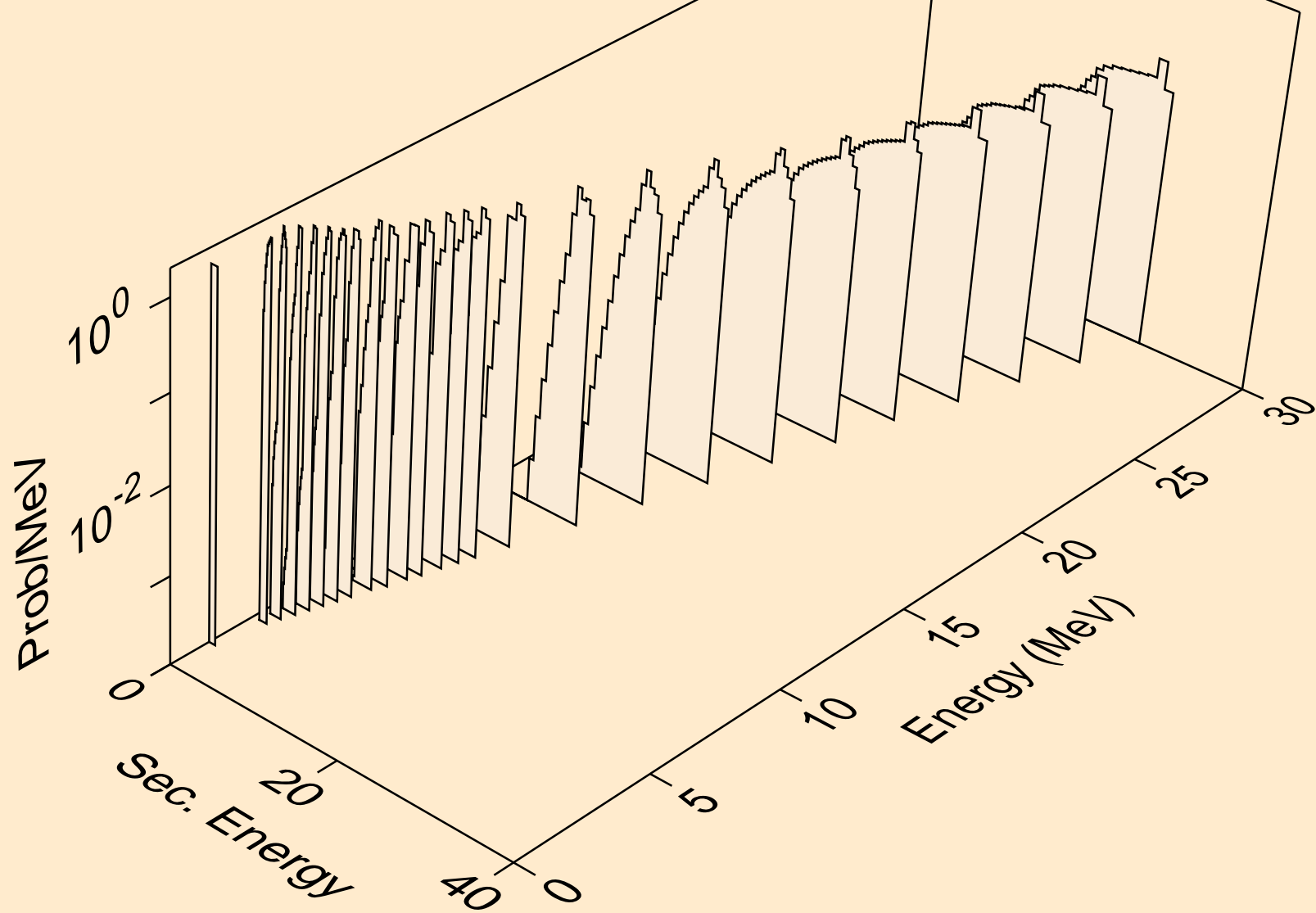
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



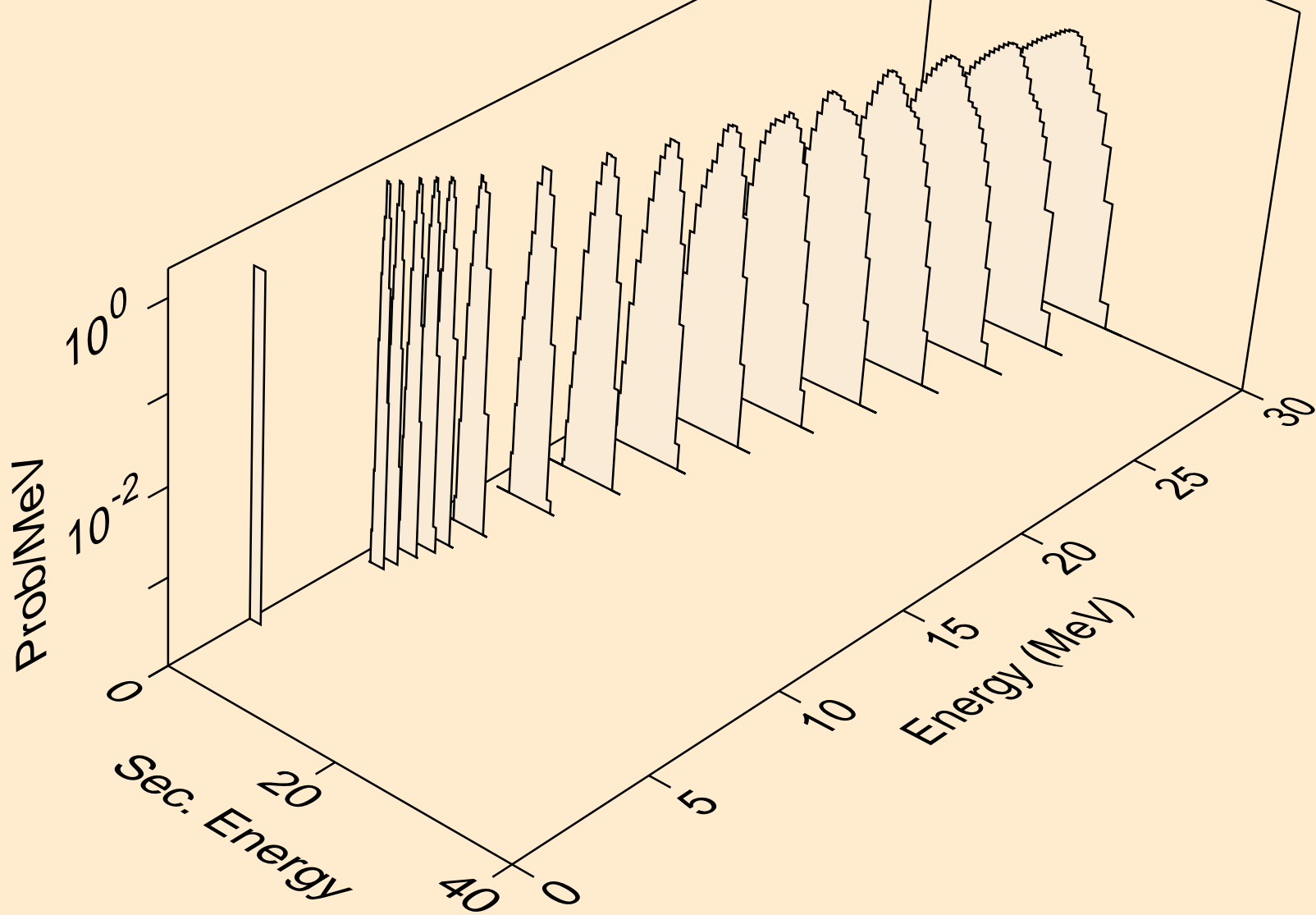
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



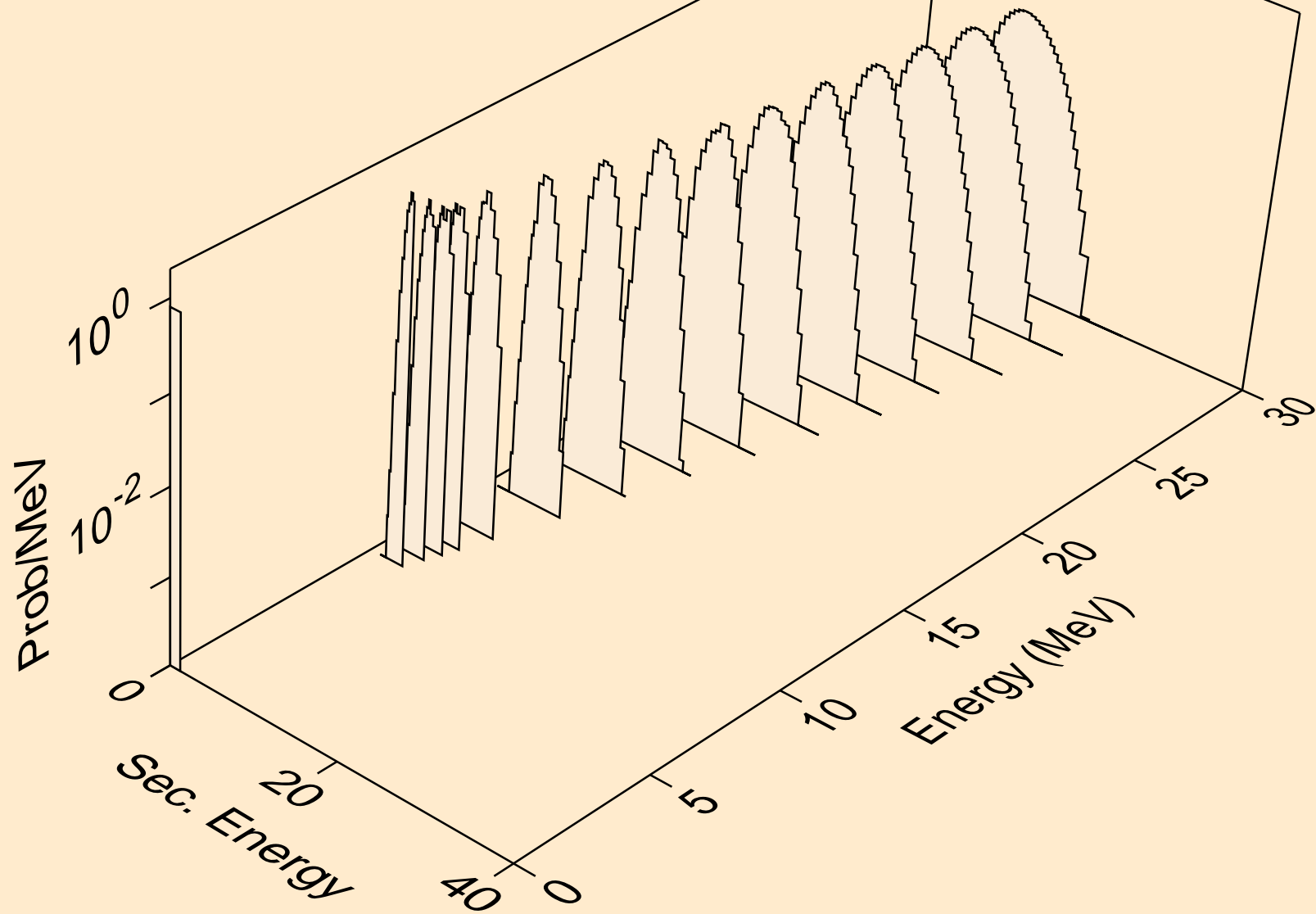
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



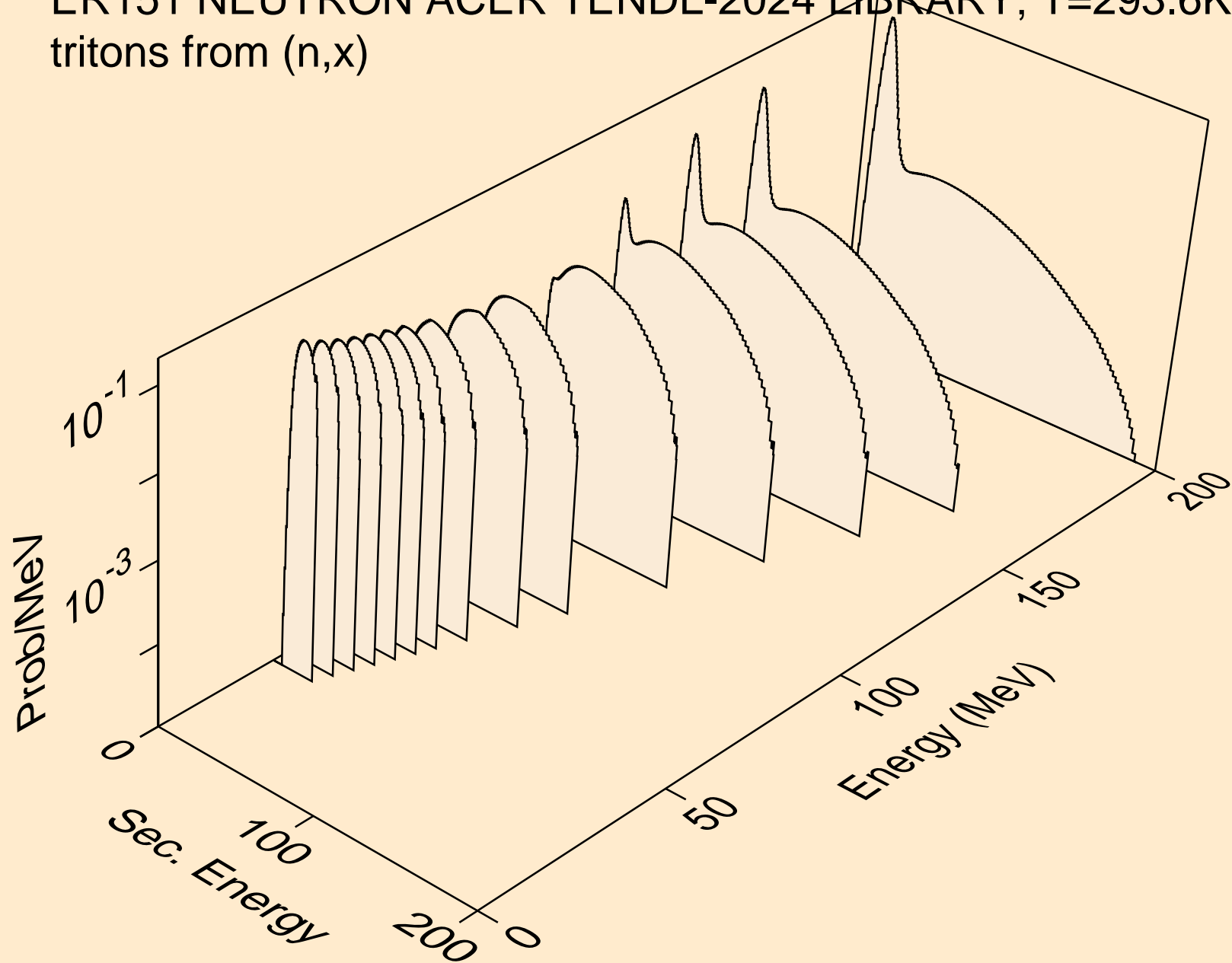
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,pd)



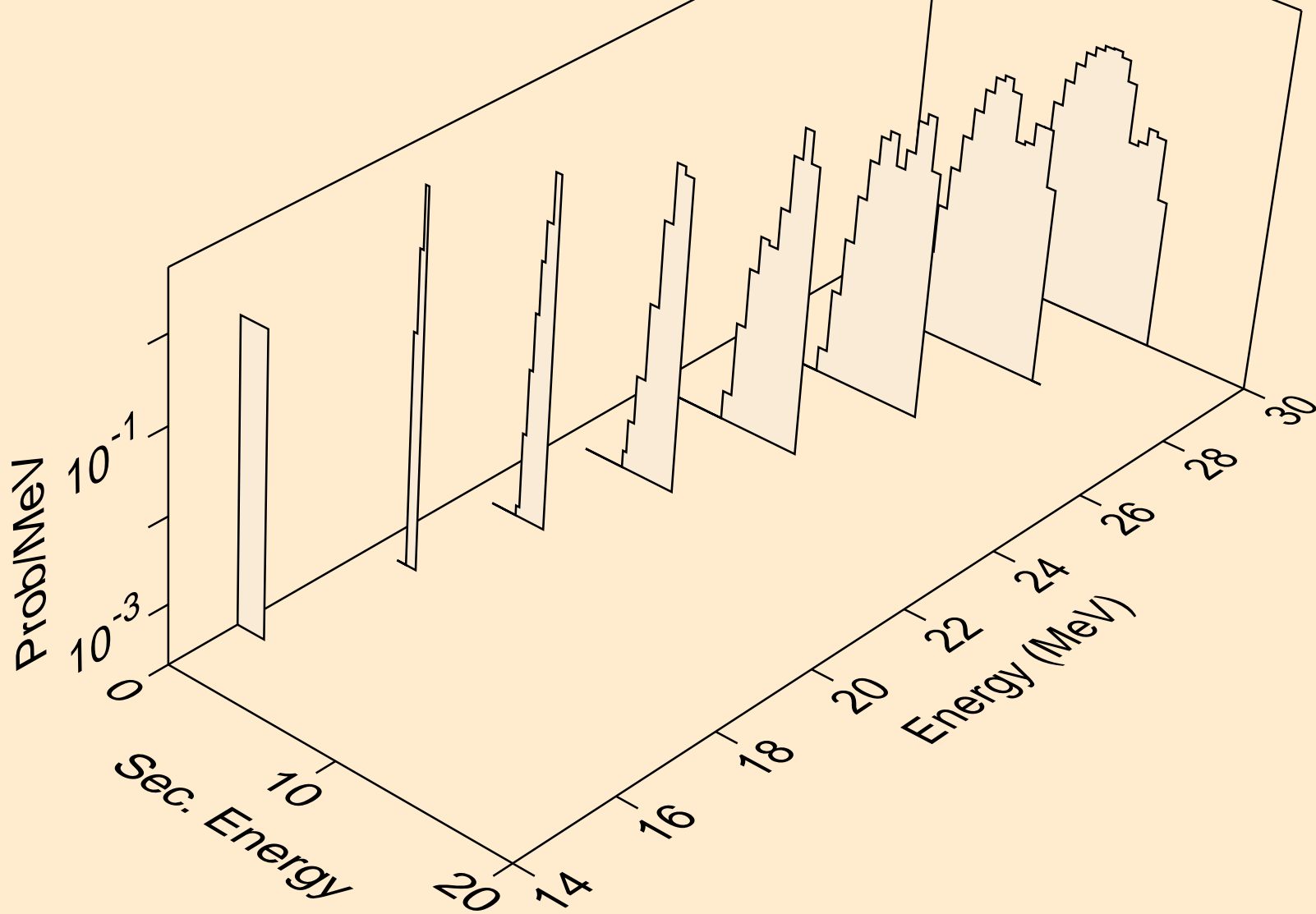
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,da)



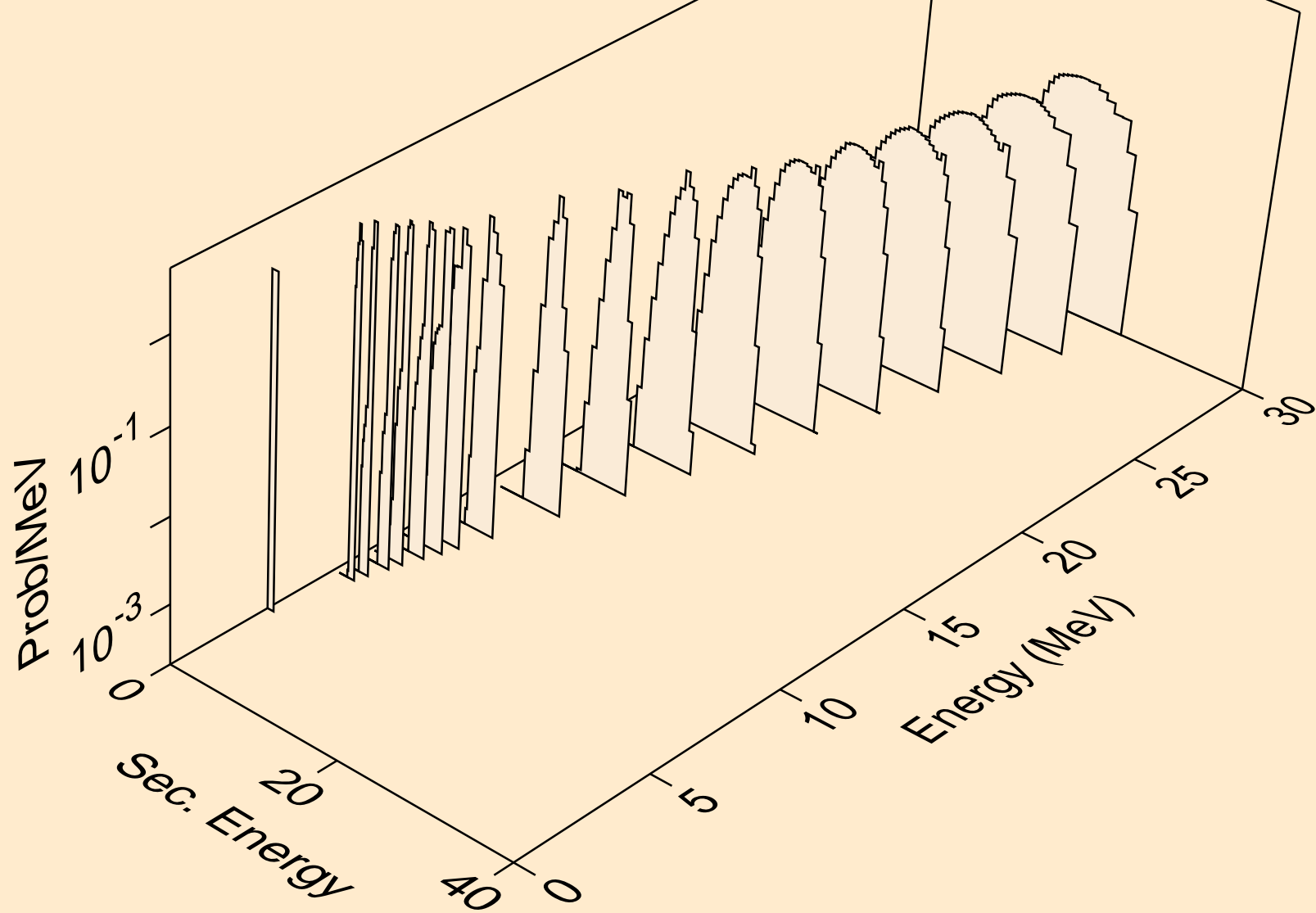
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



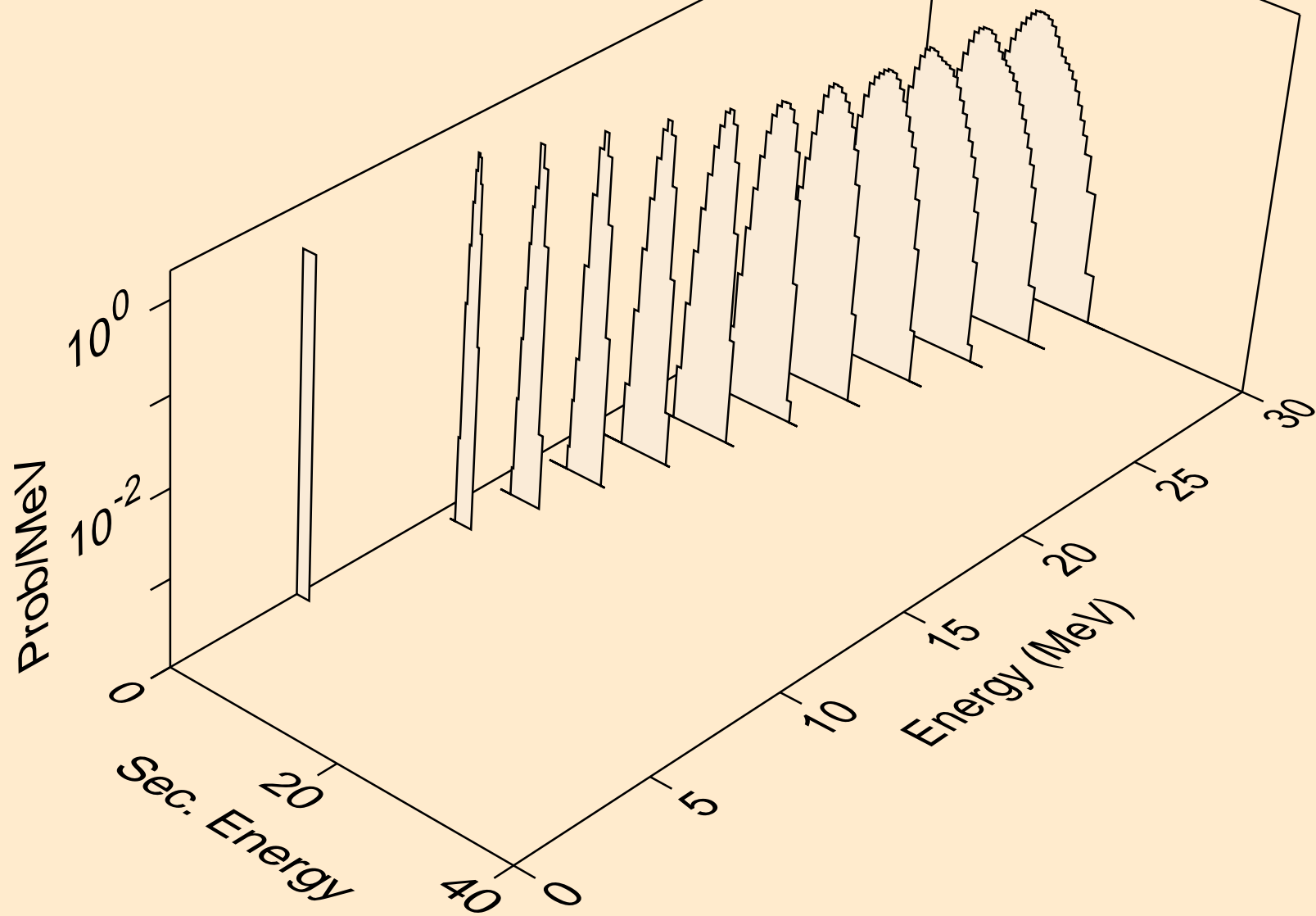
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



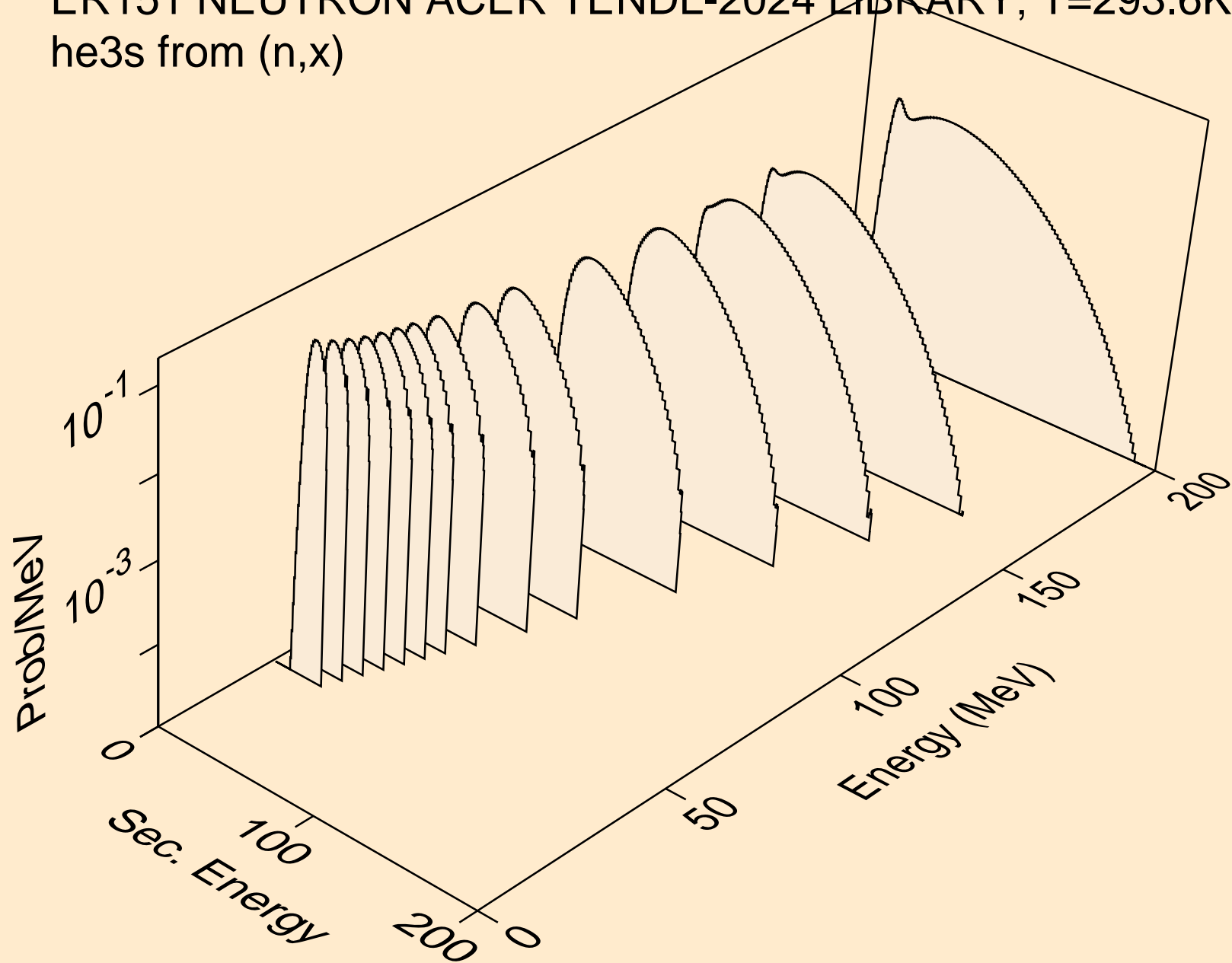
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



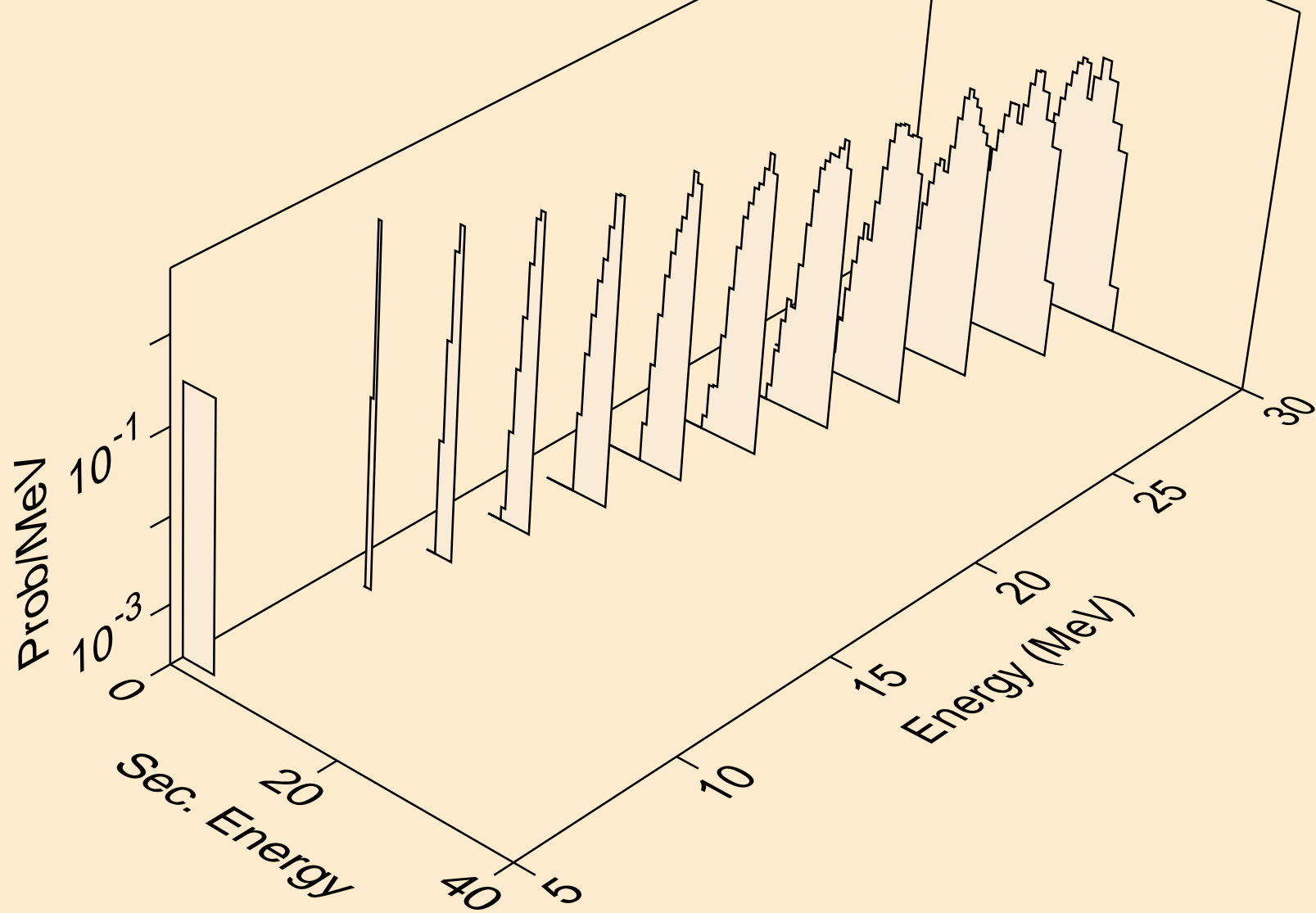
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,pt)



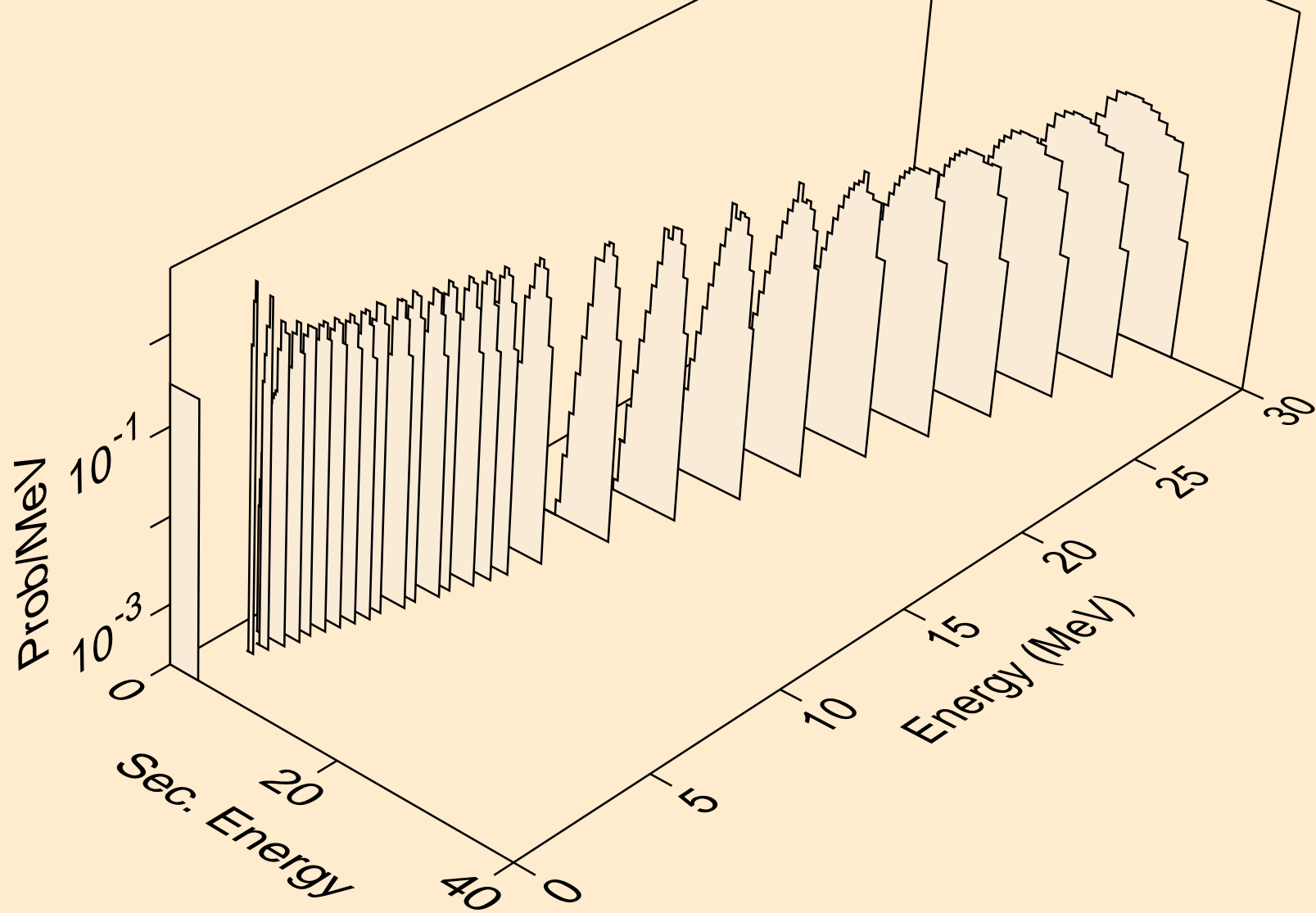
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



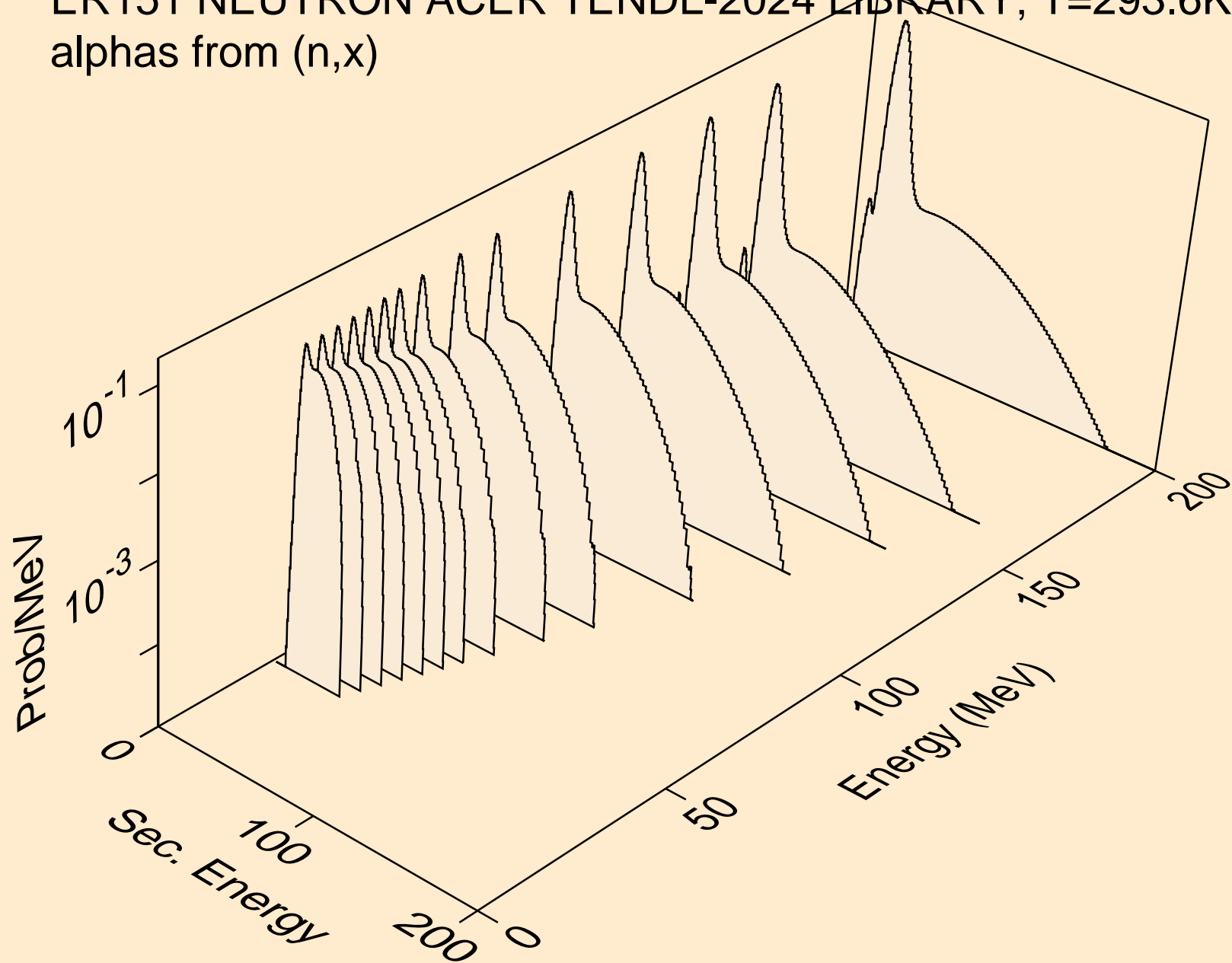
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



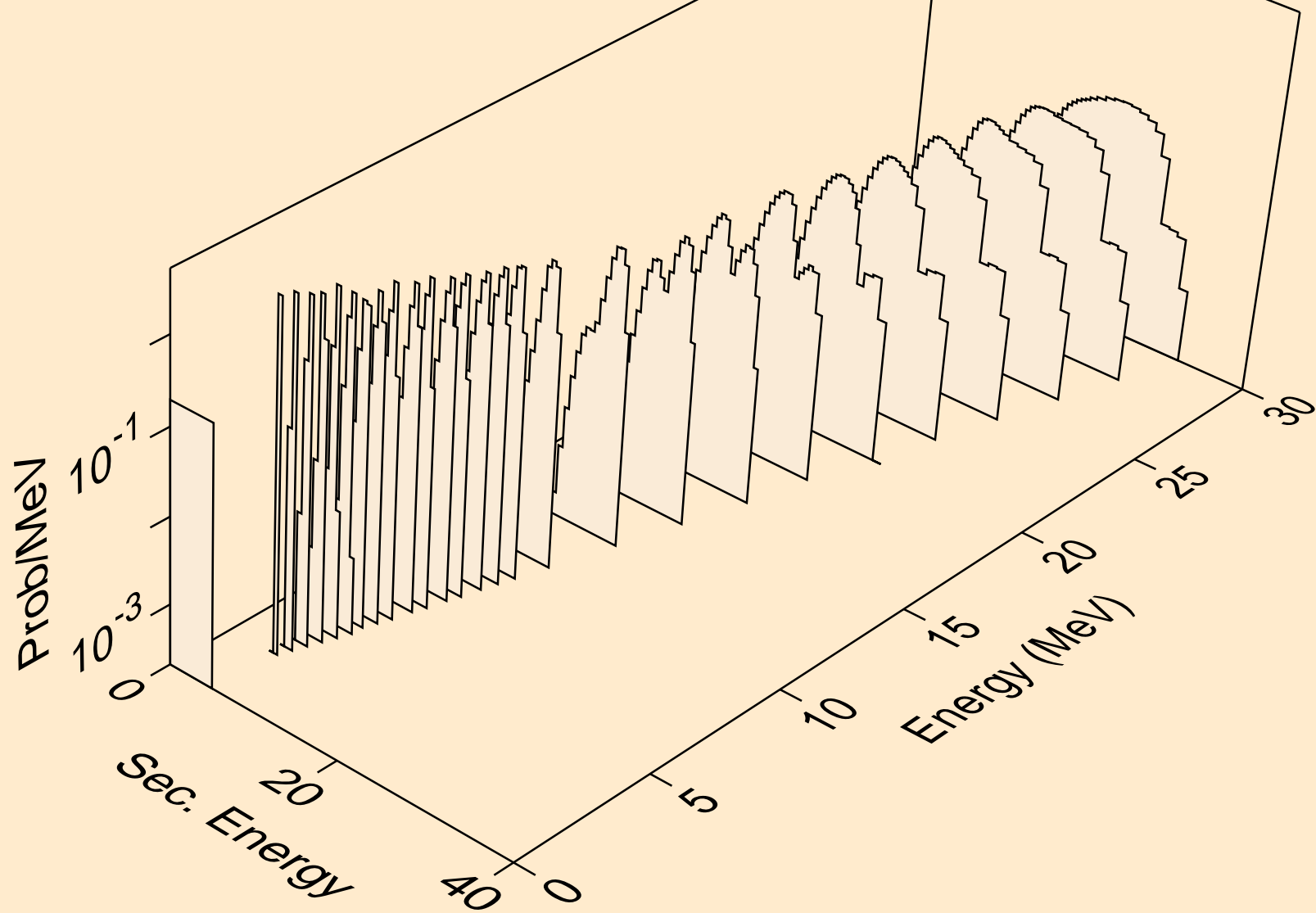
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



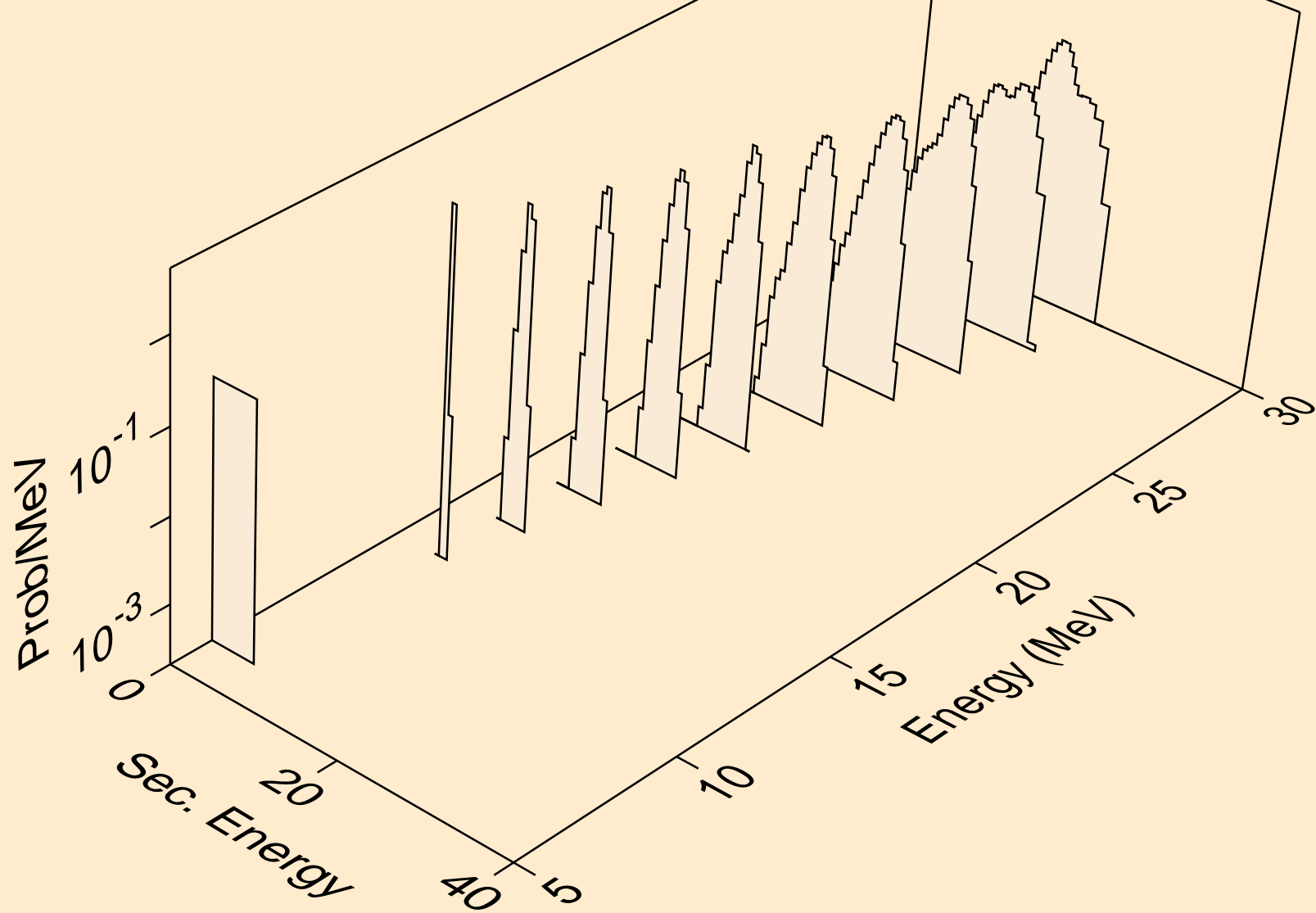
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



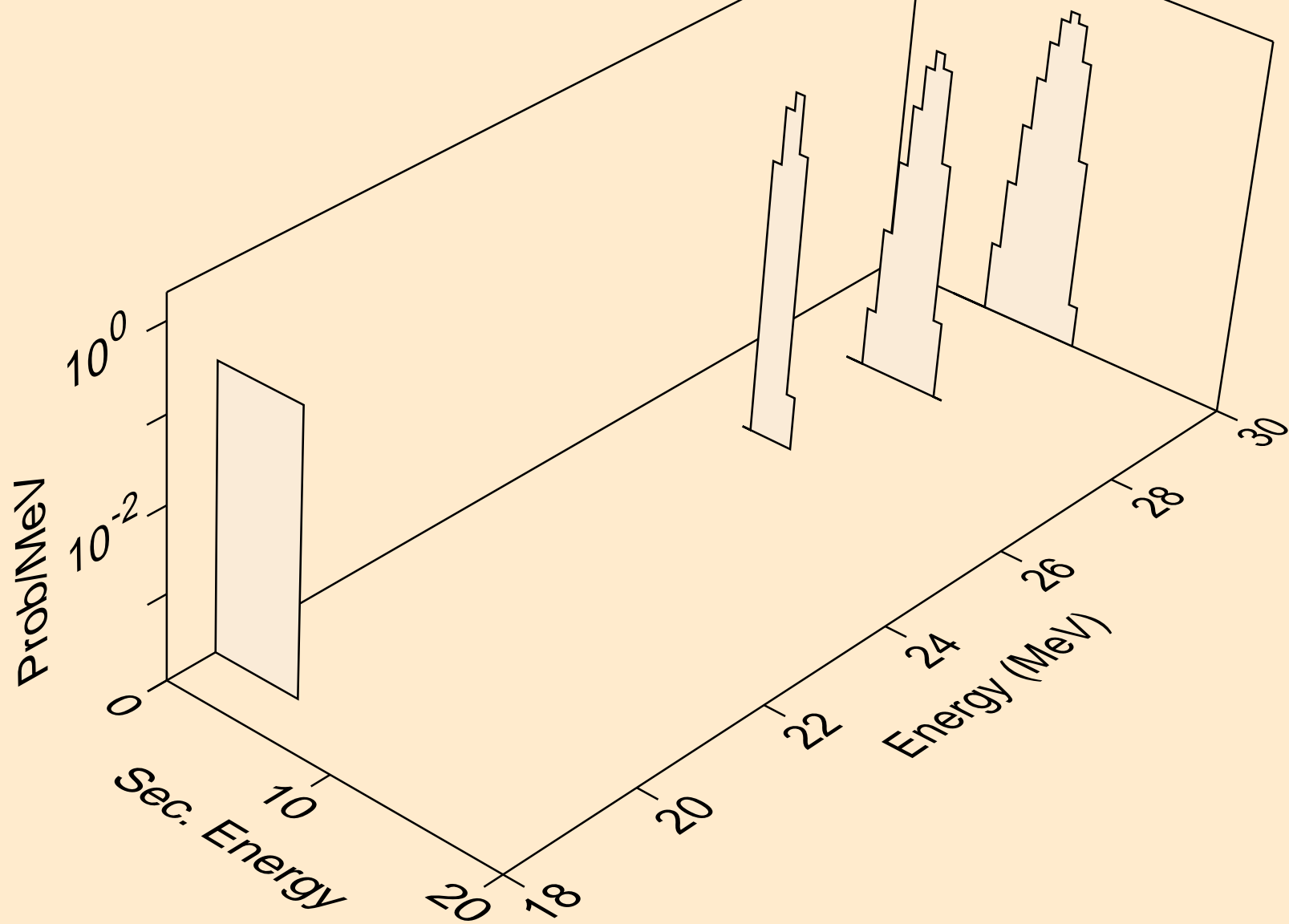
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



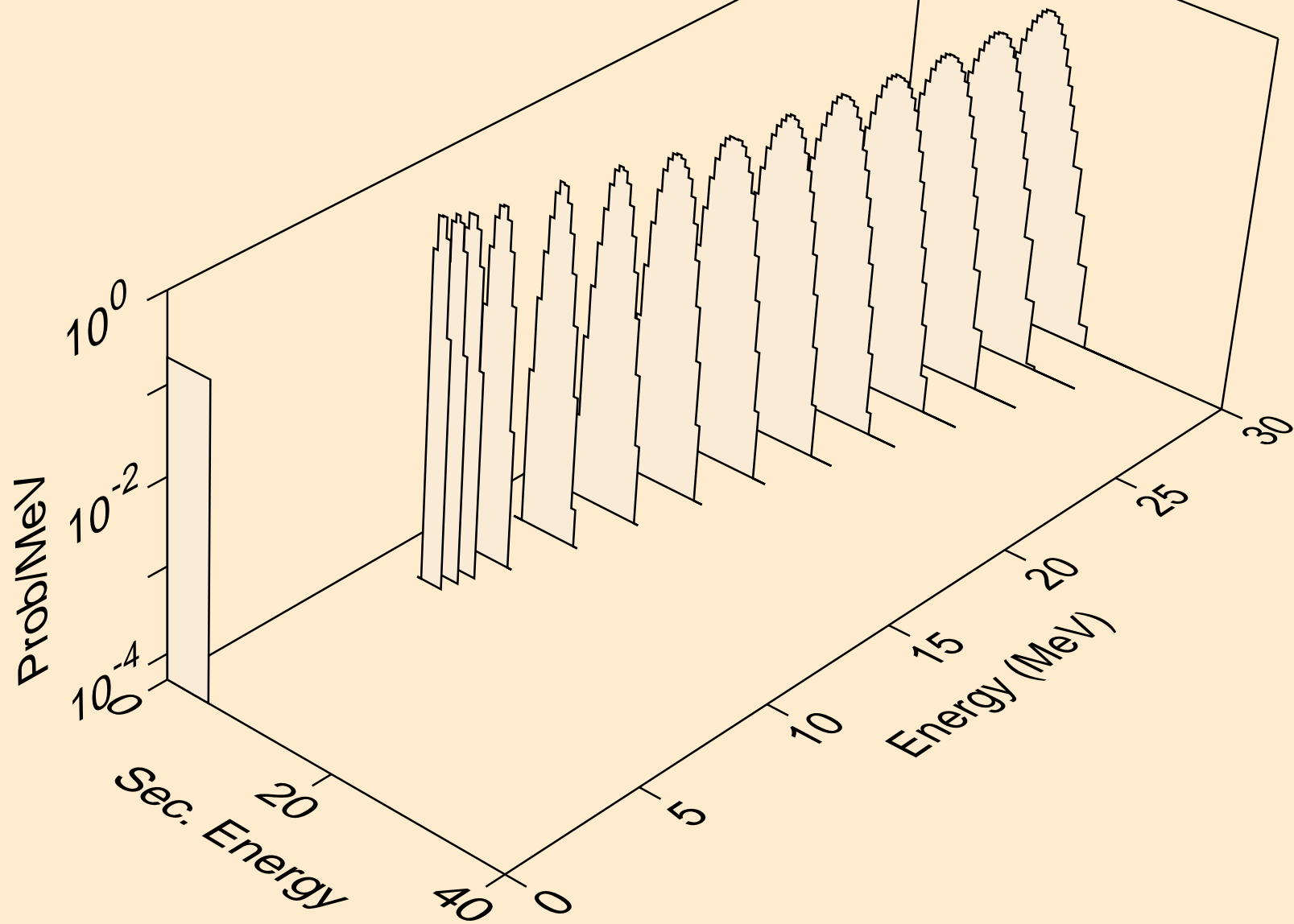
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



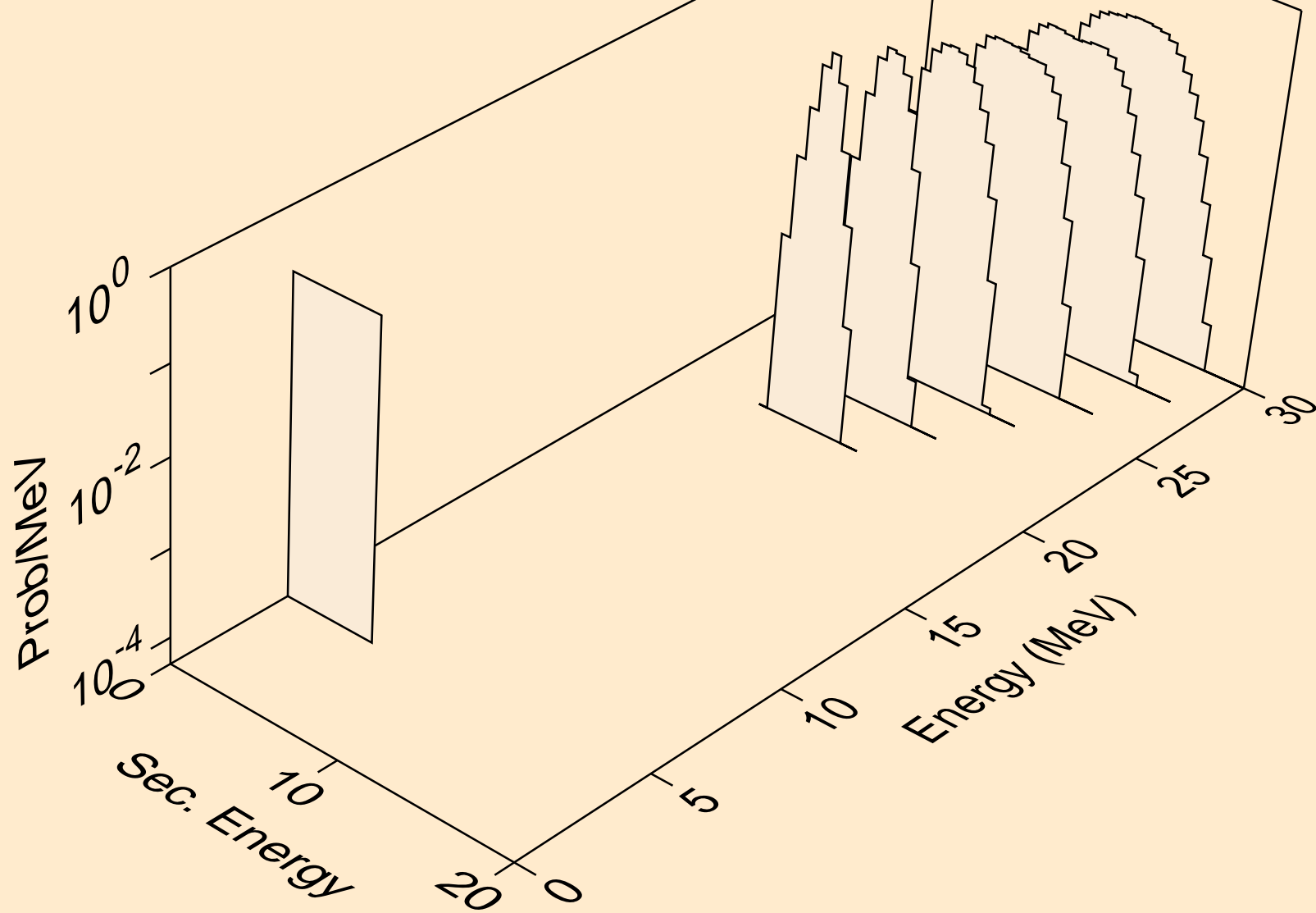
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



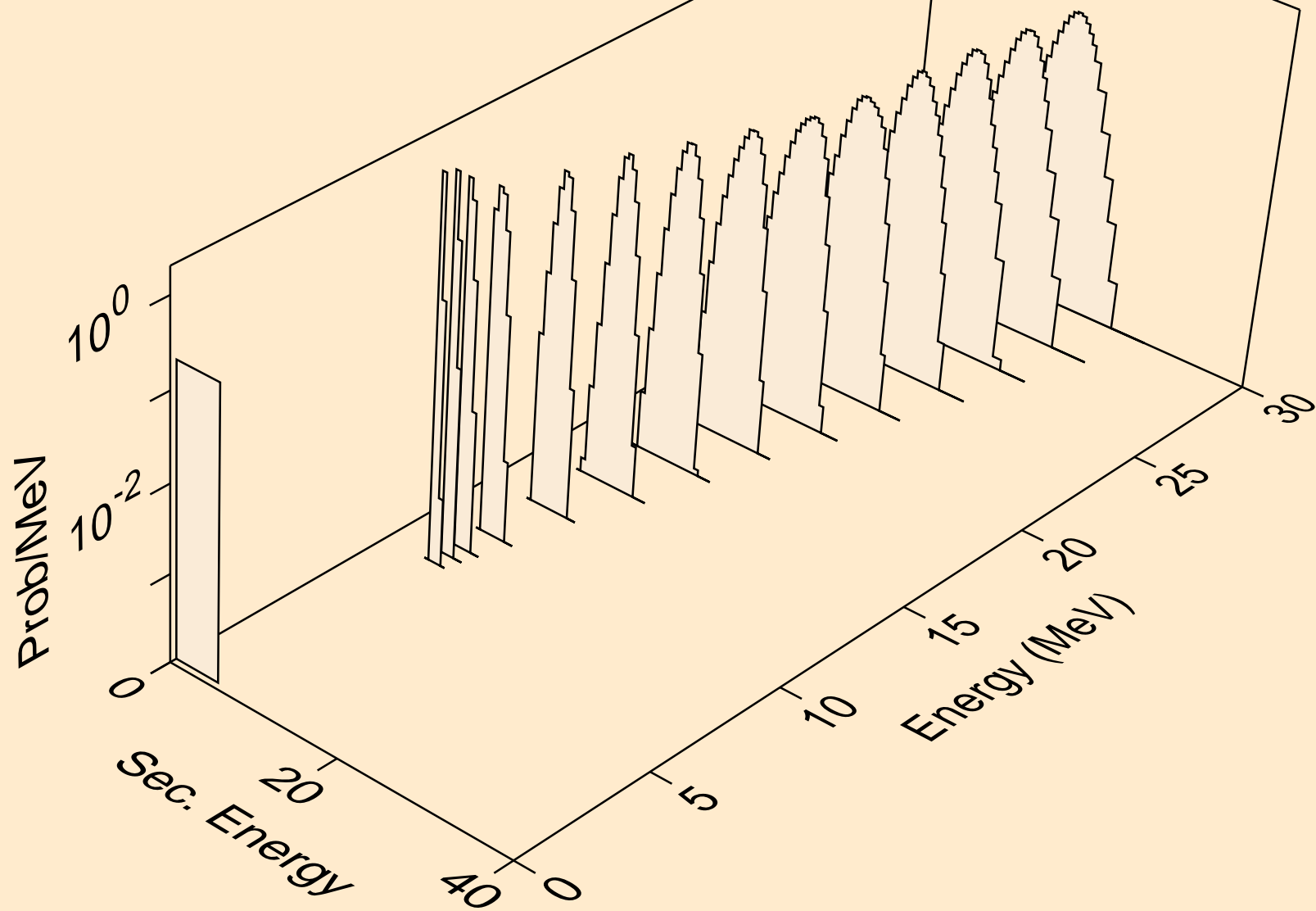
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



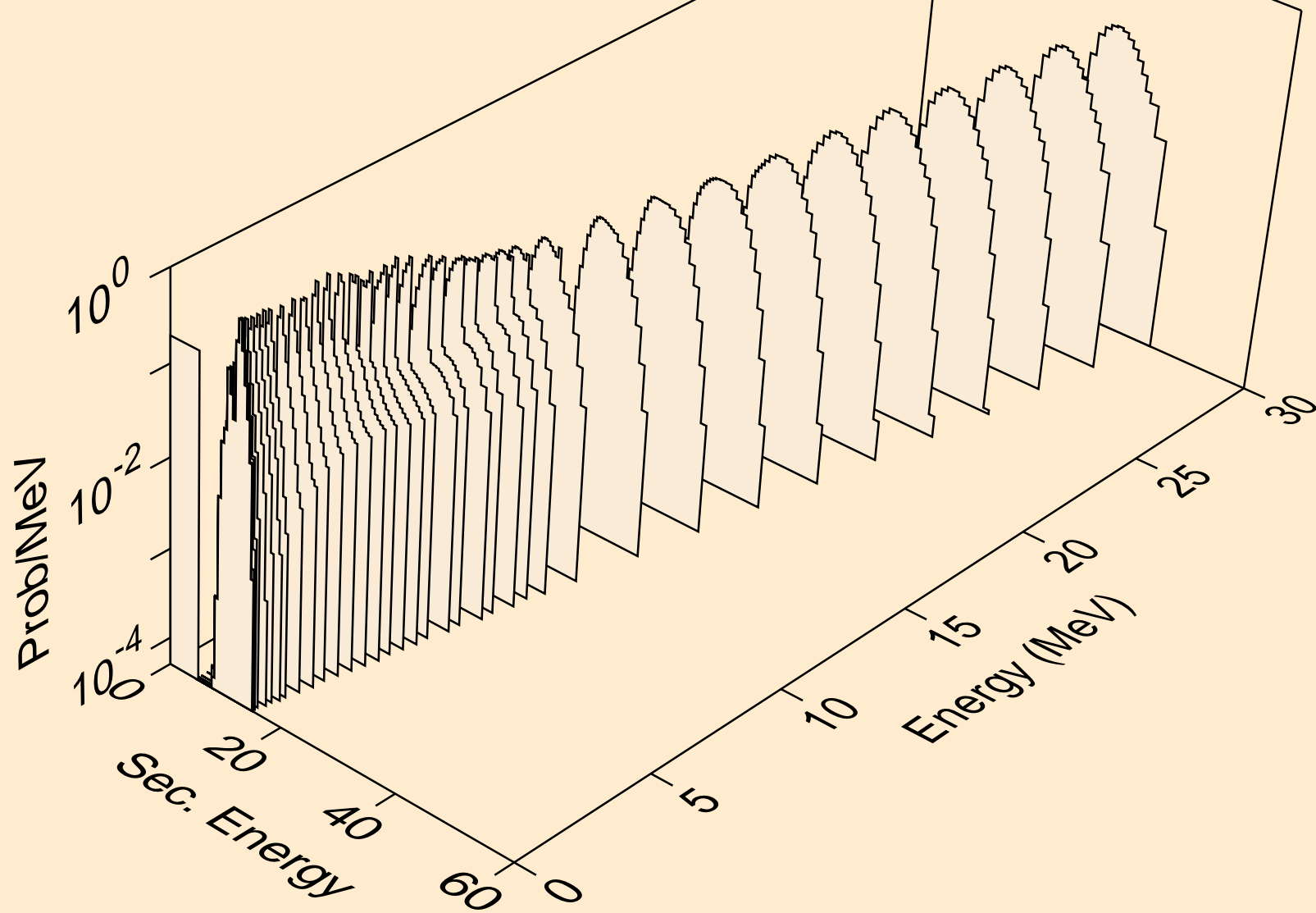
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)2a



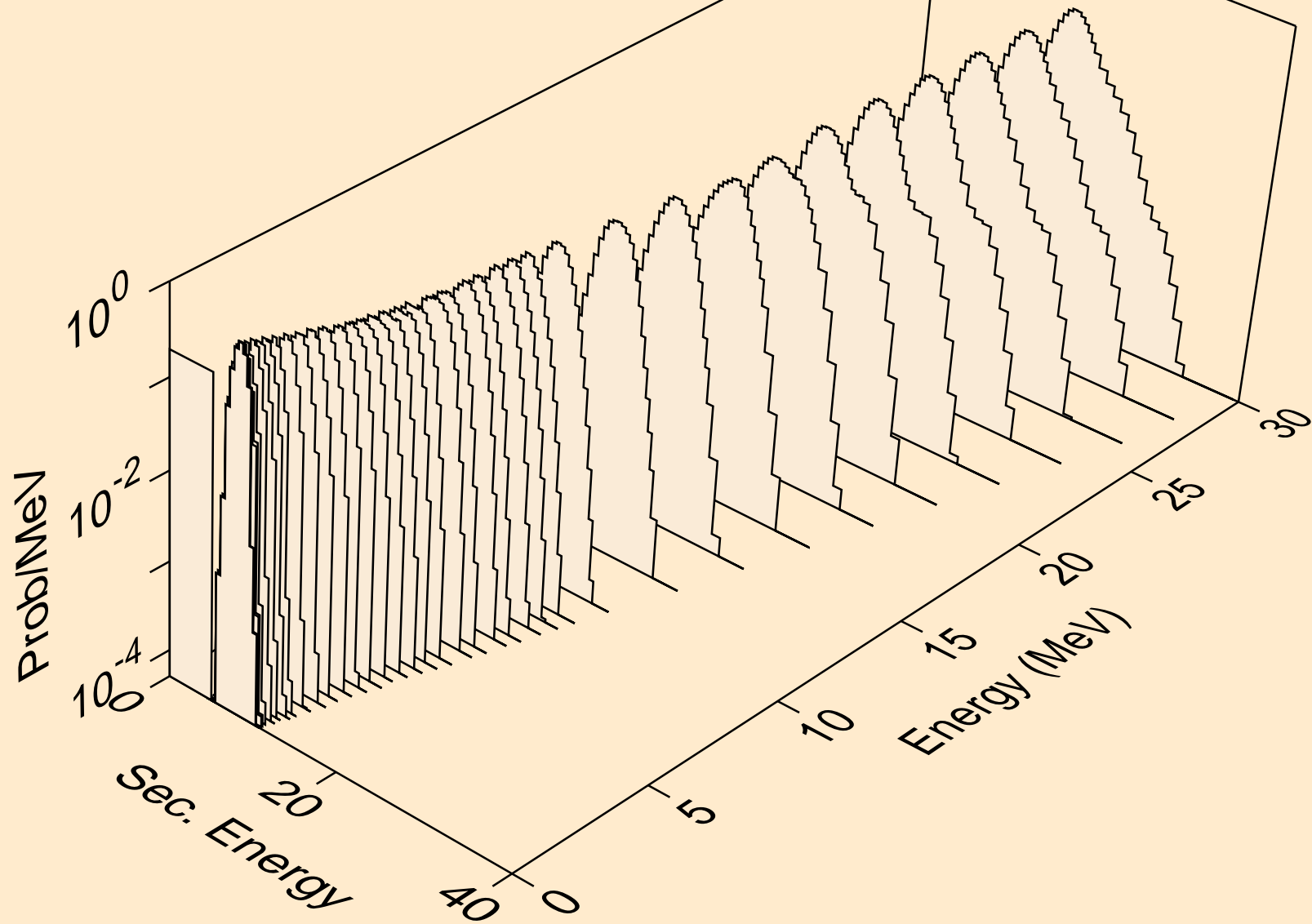
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



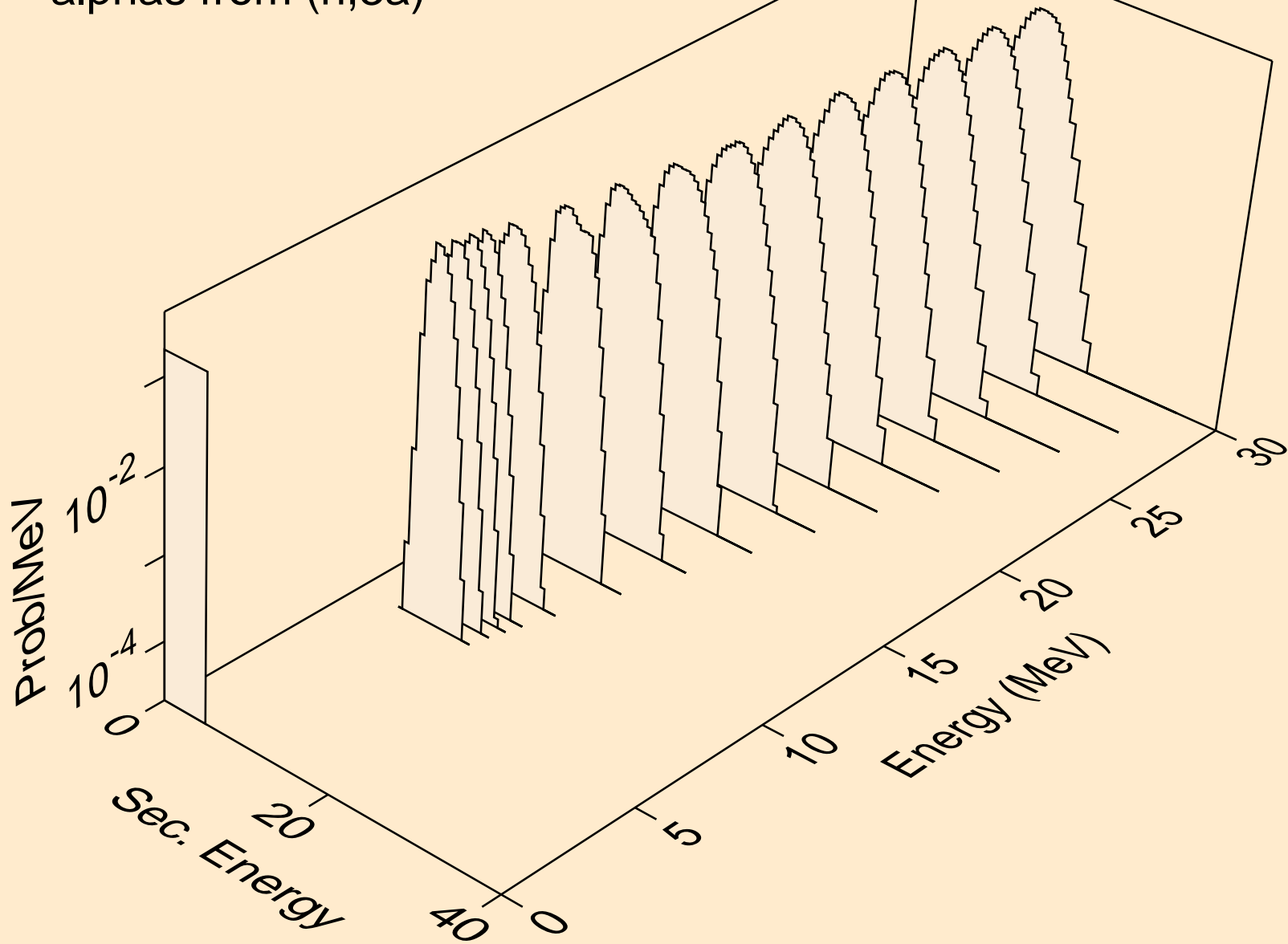
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



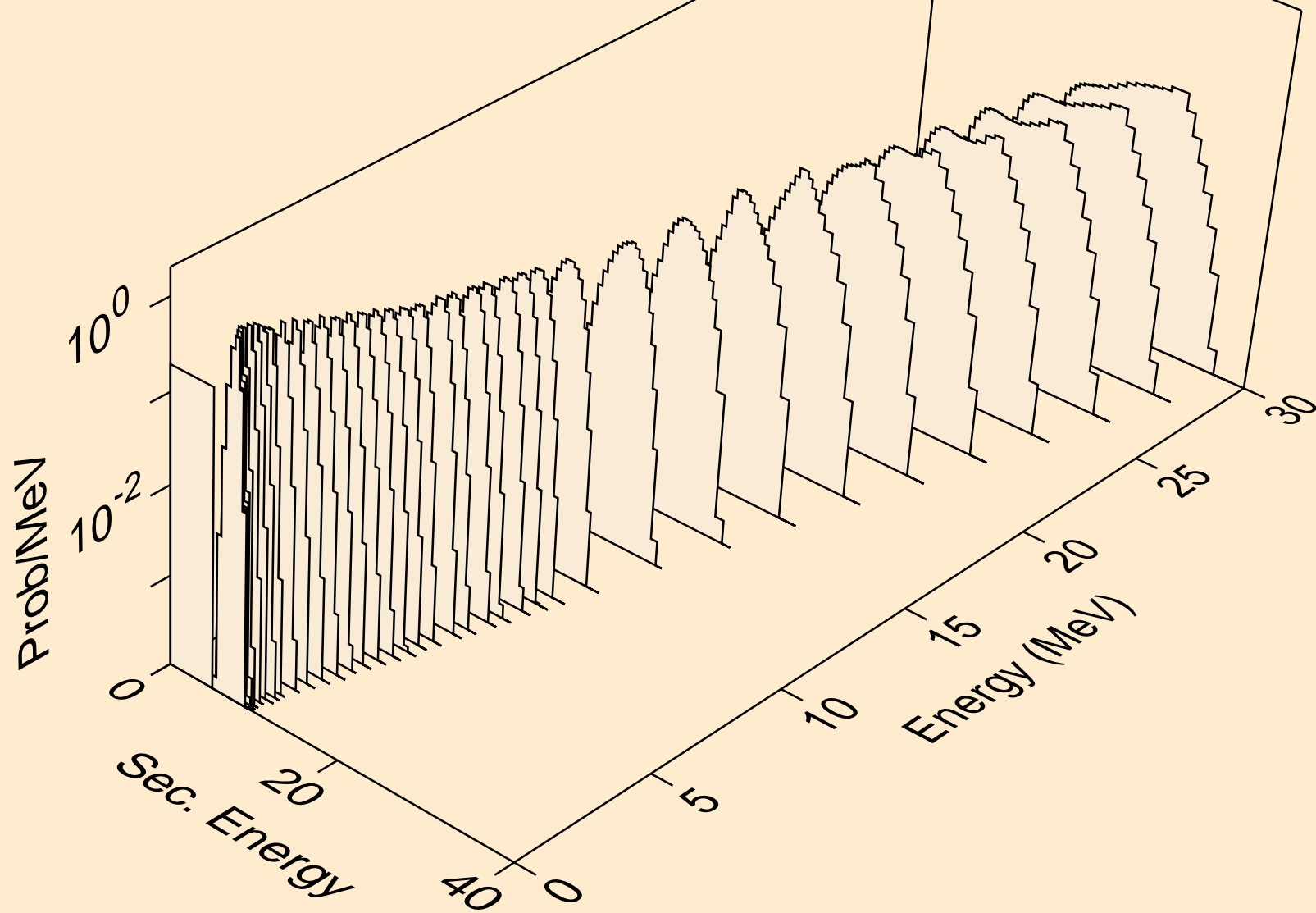
ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



ER151 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

