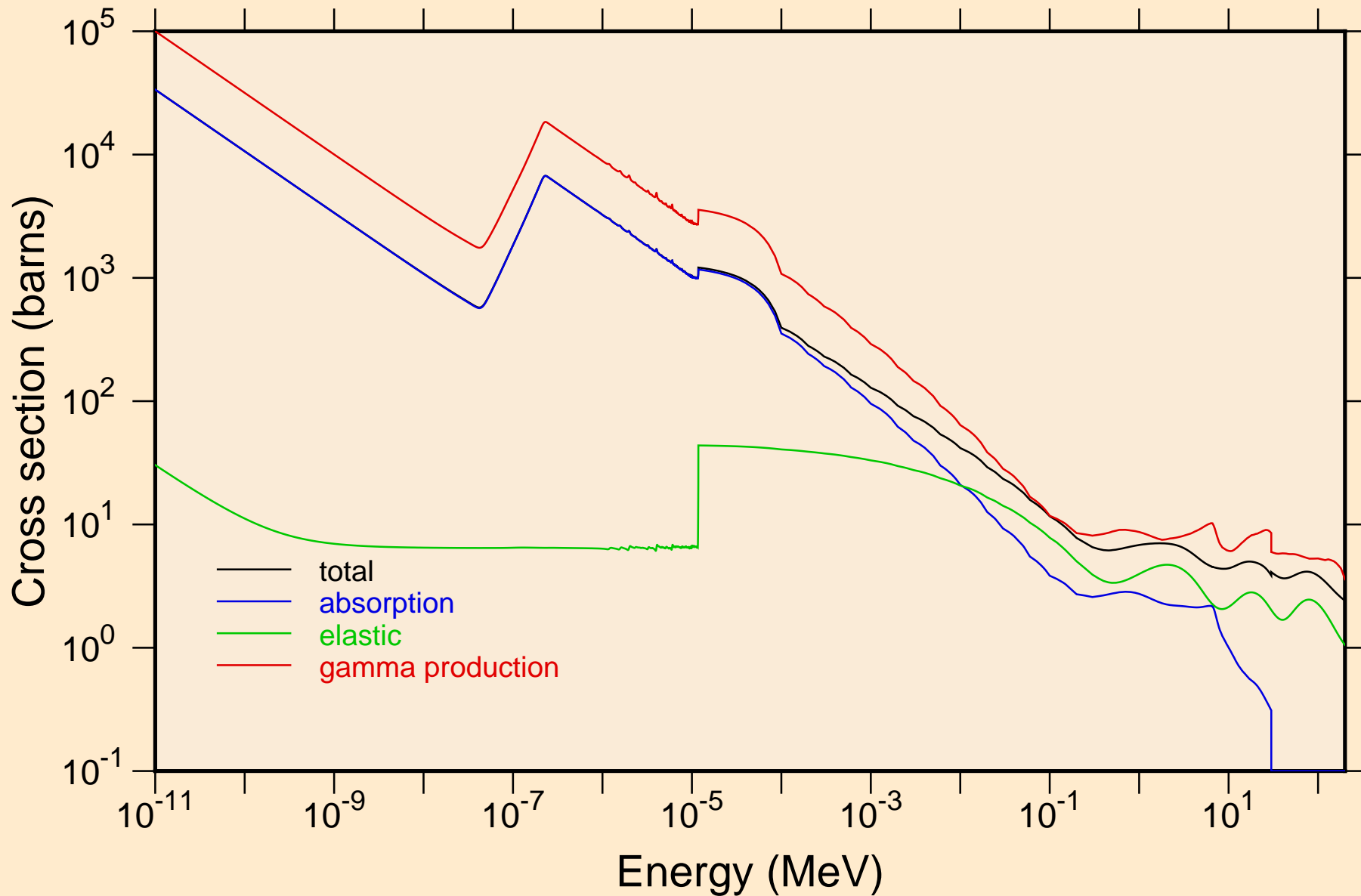
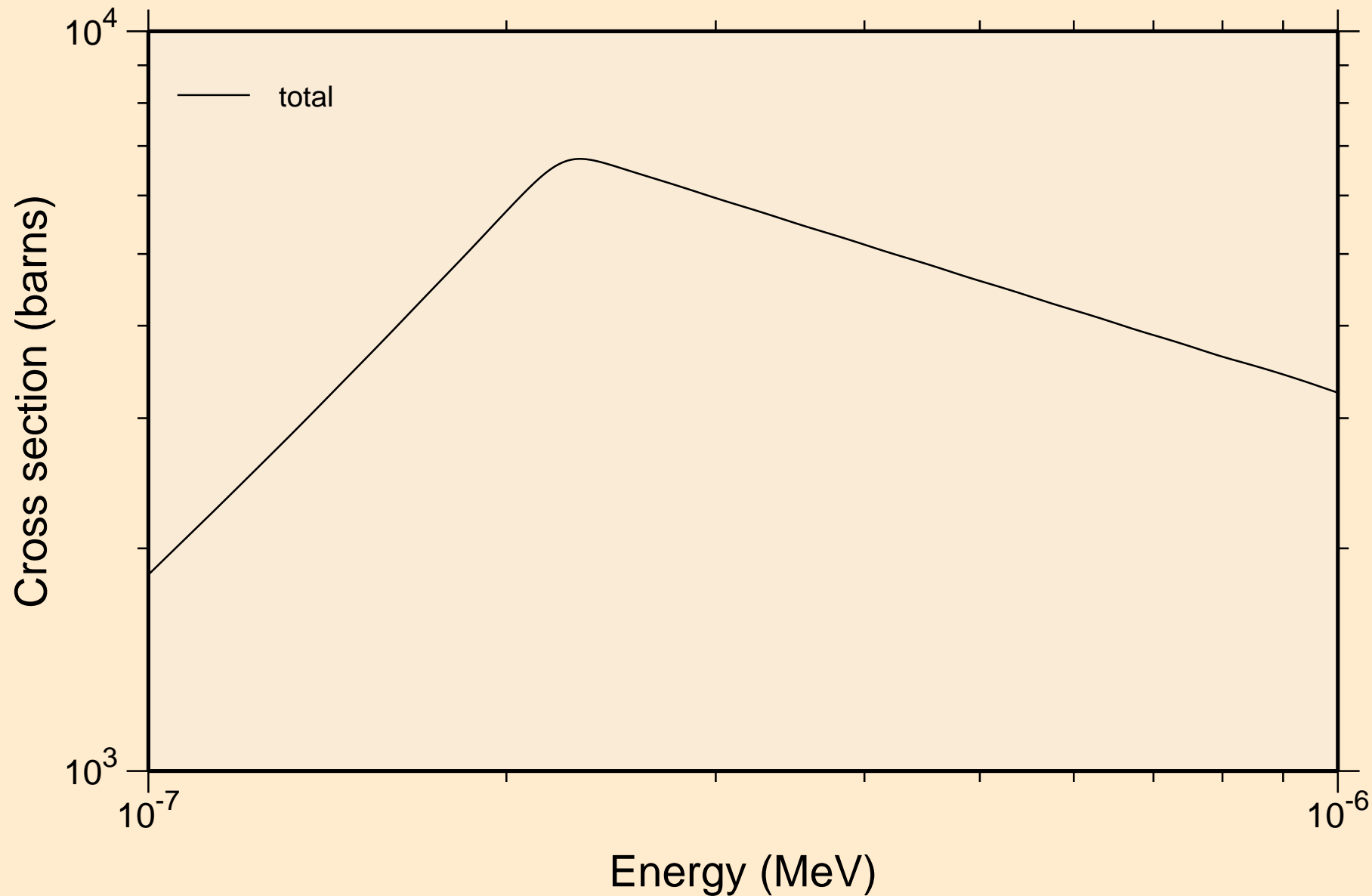


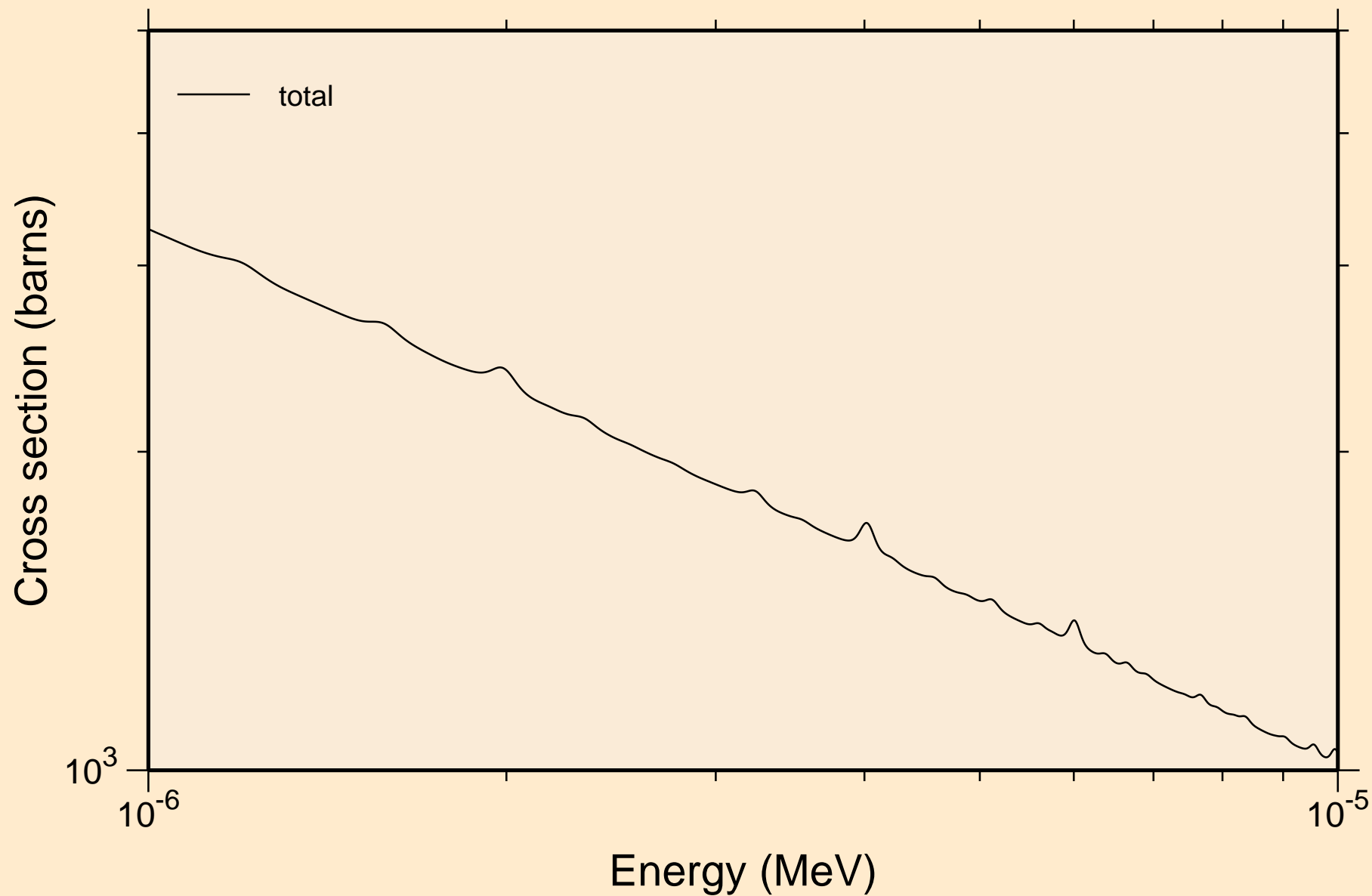
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



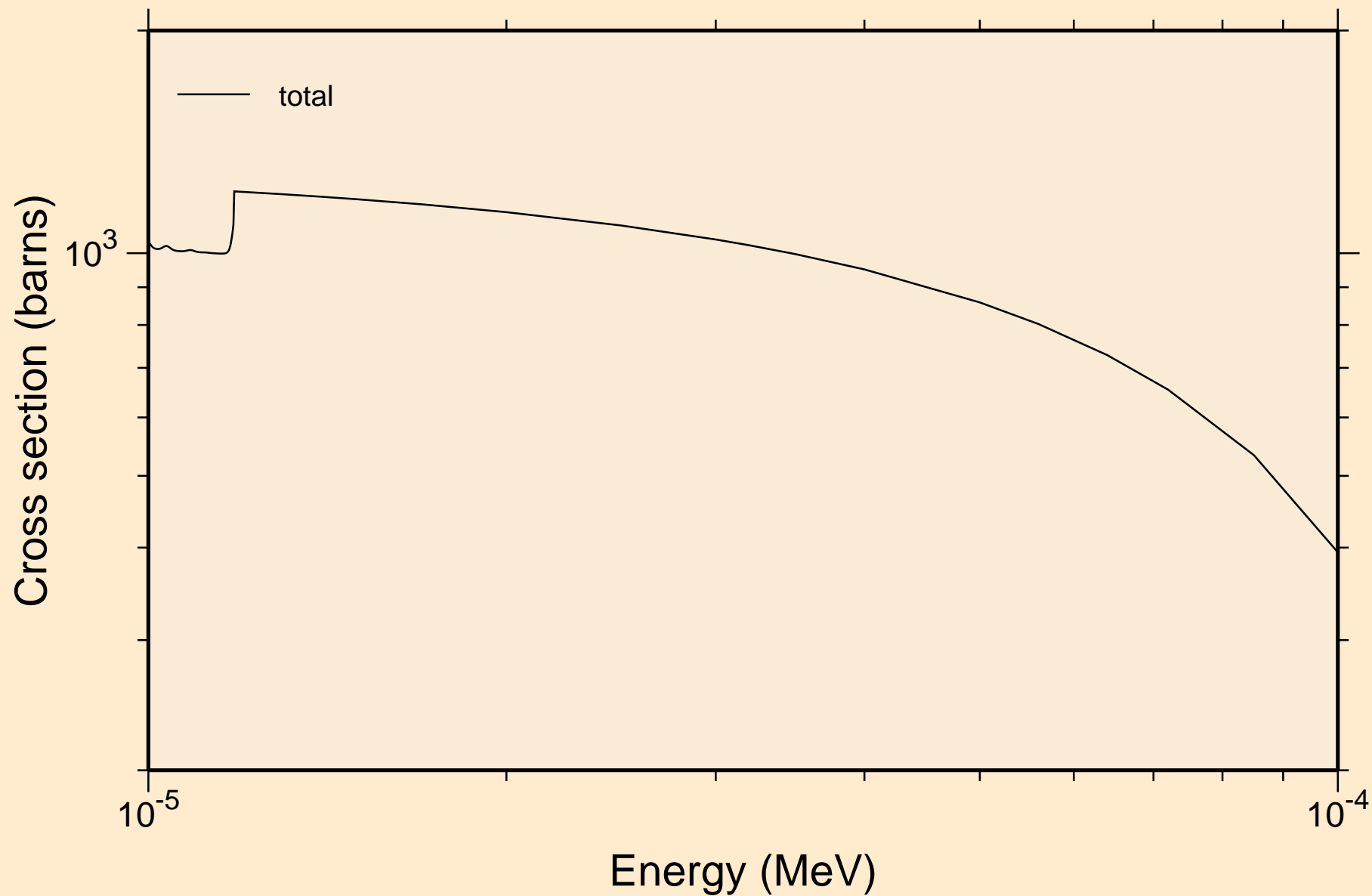
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



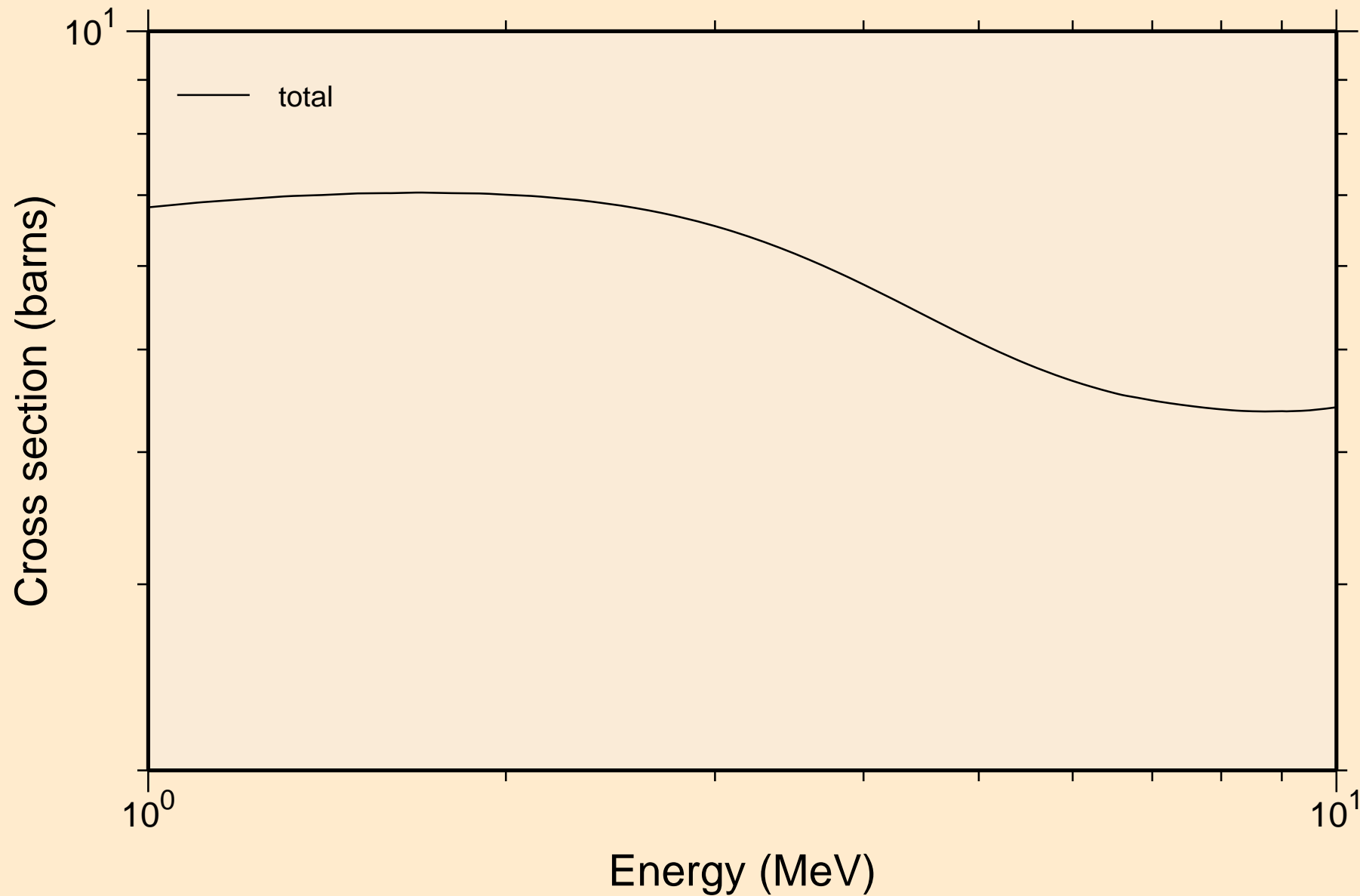
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



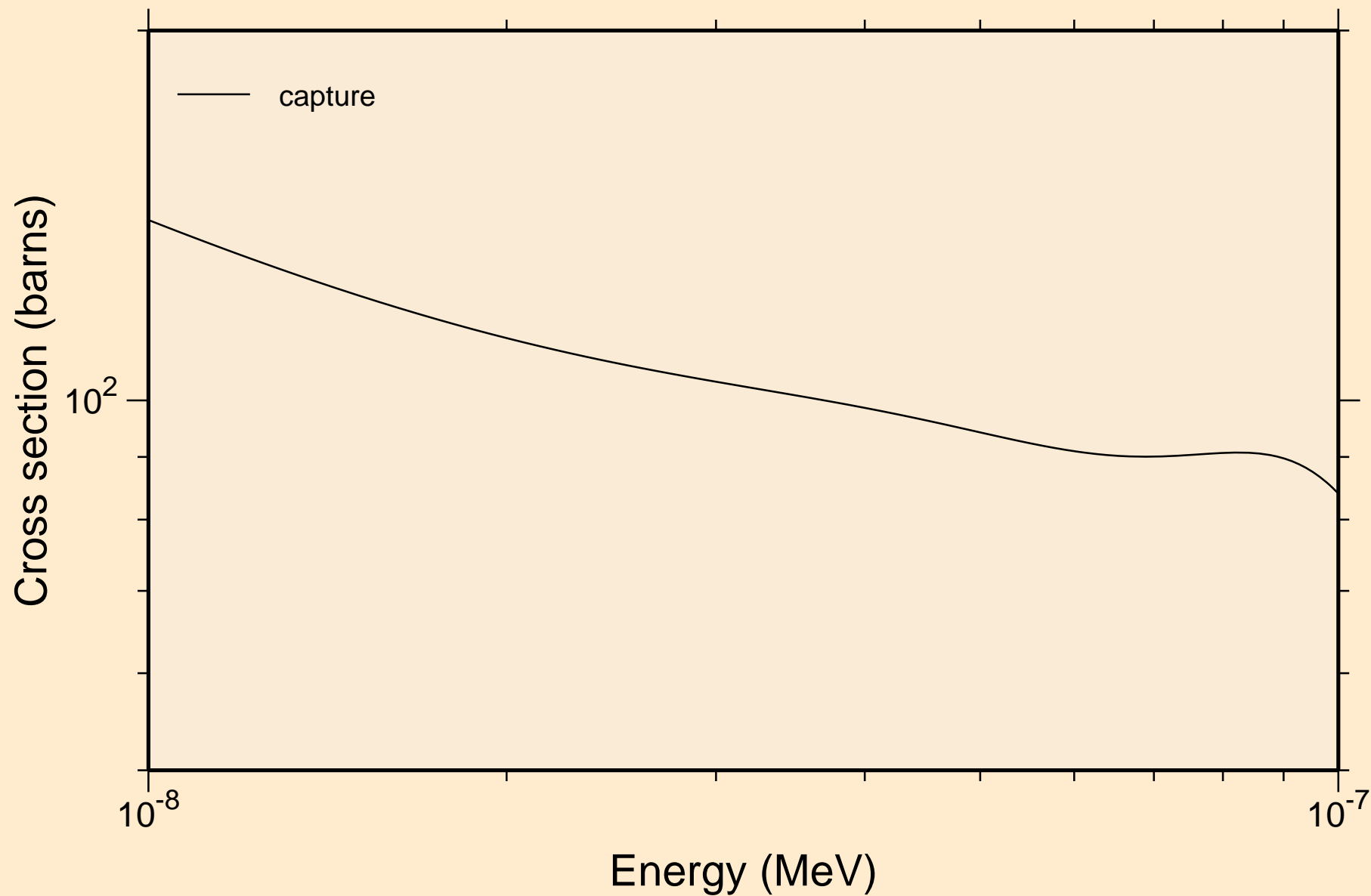
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



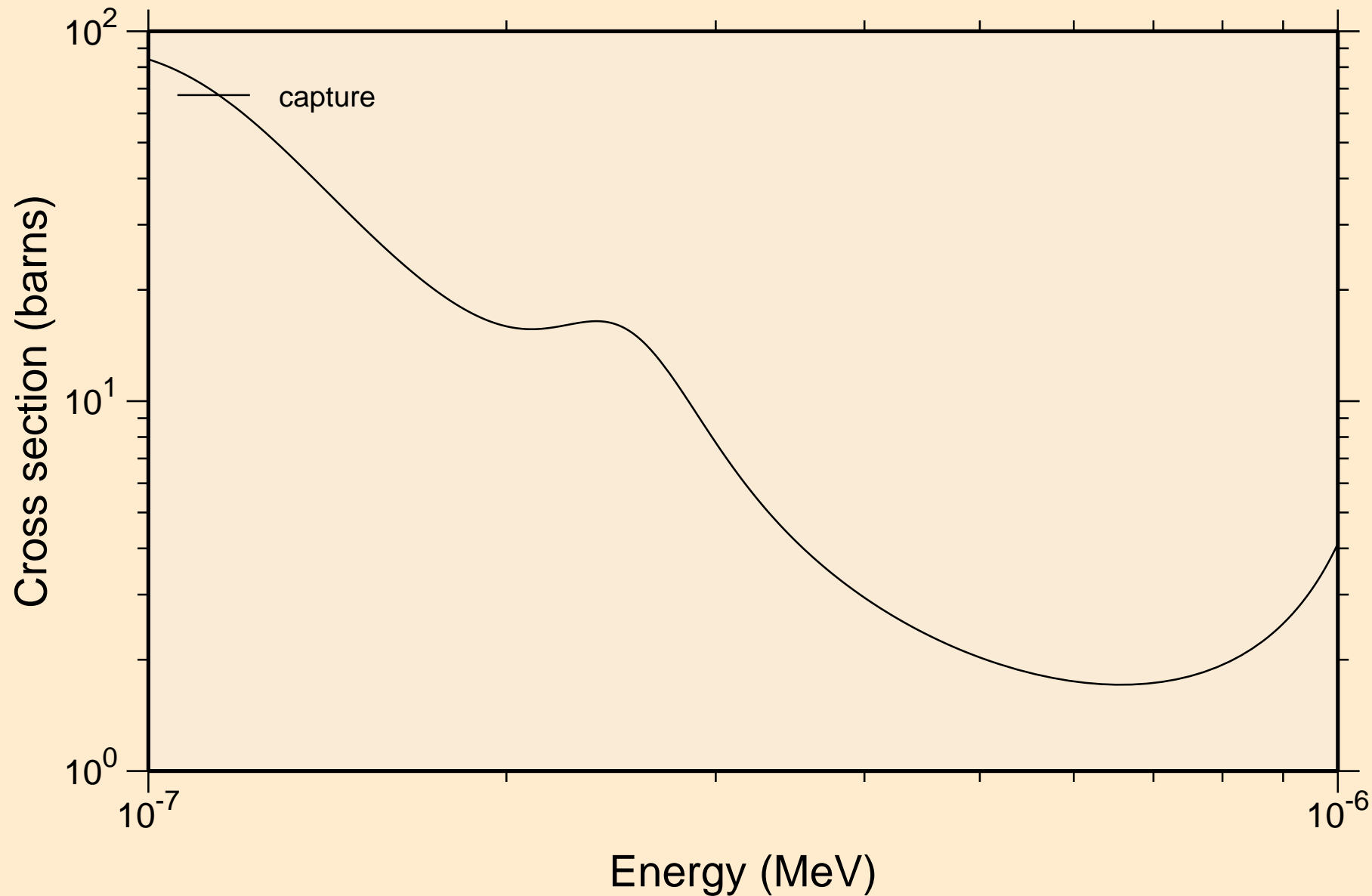
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



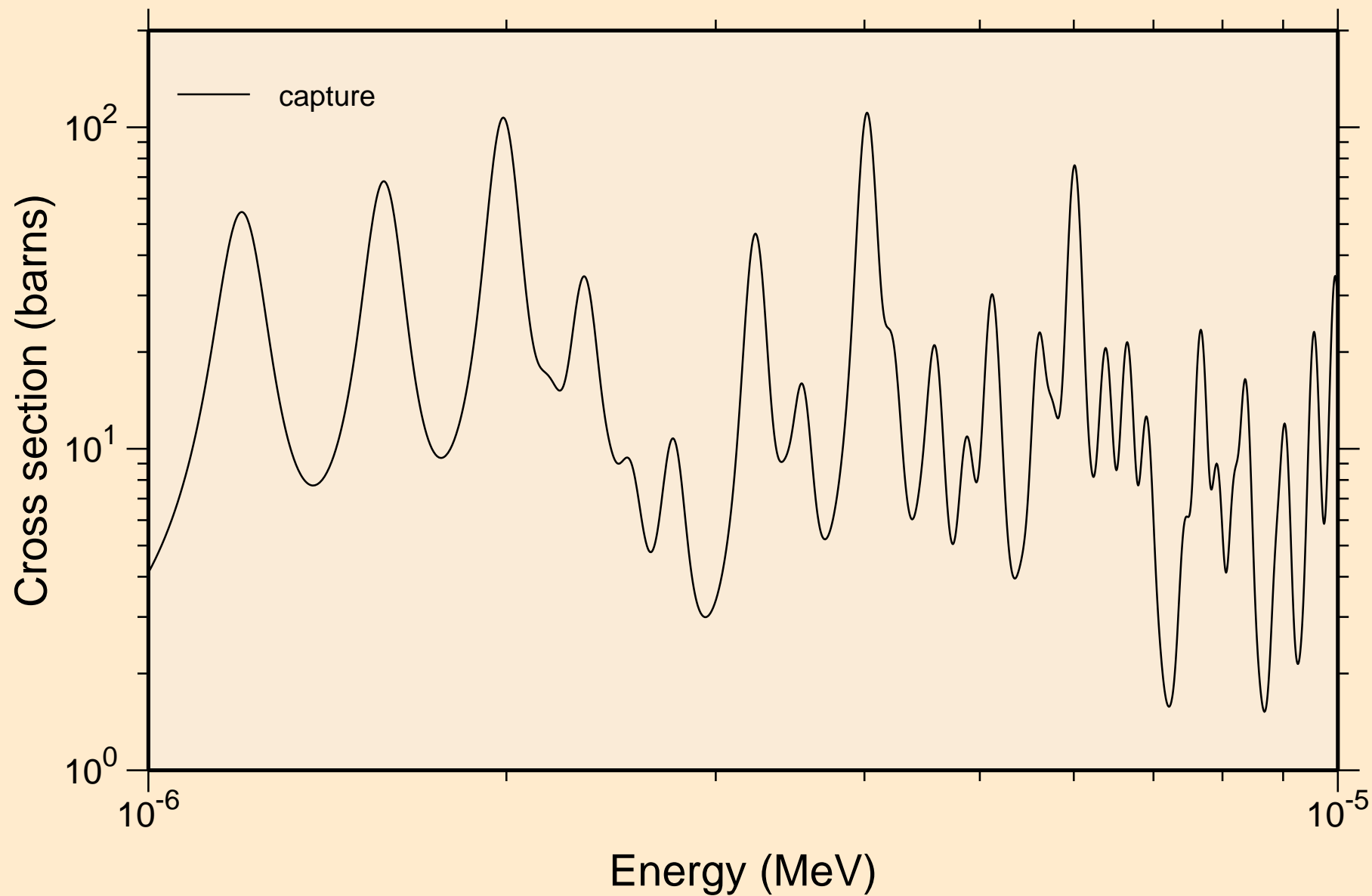
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

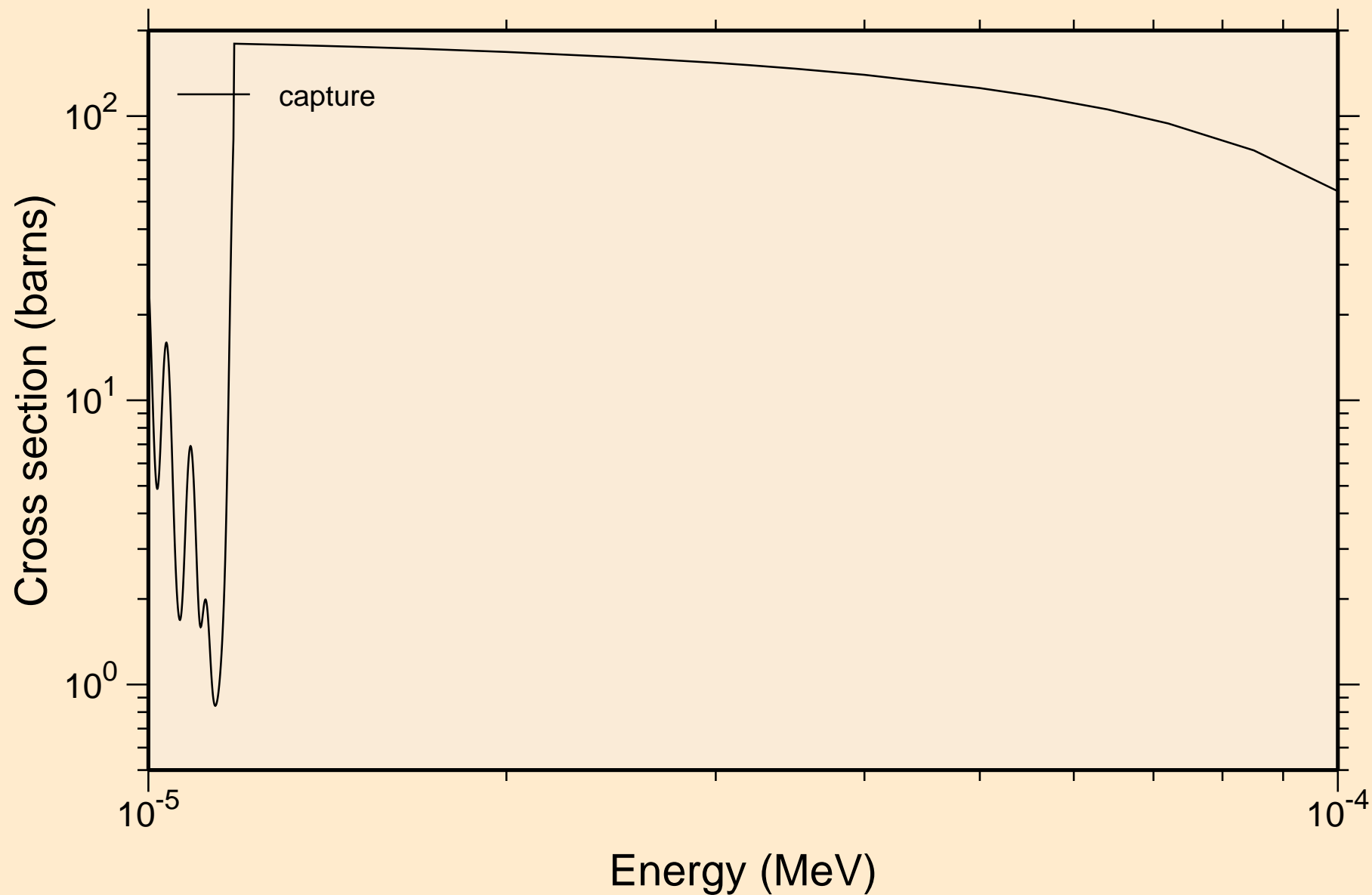


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

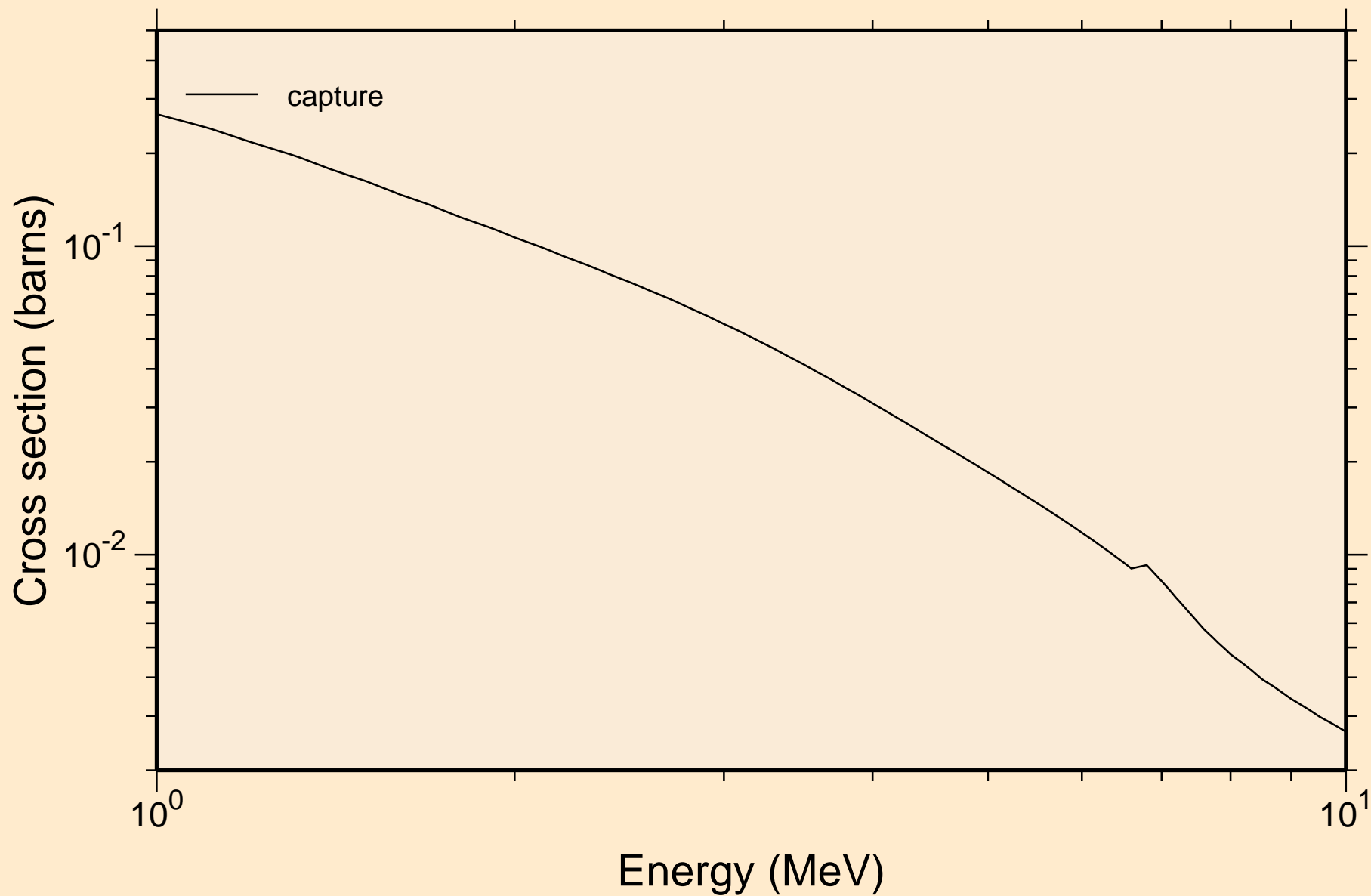




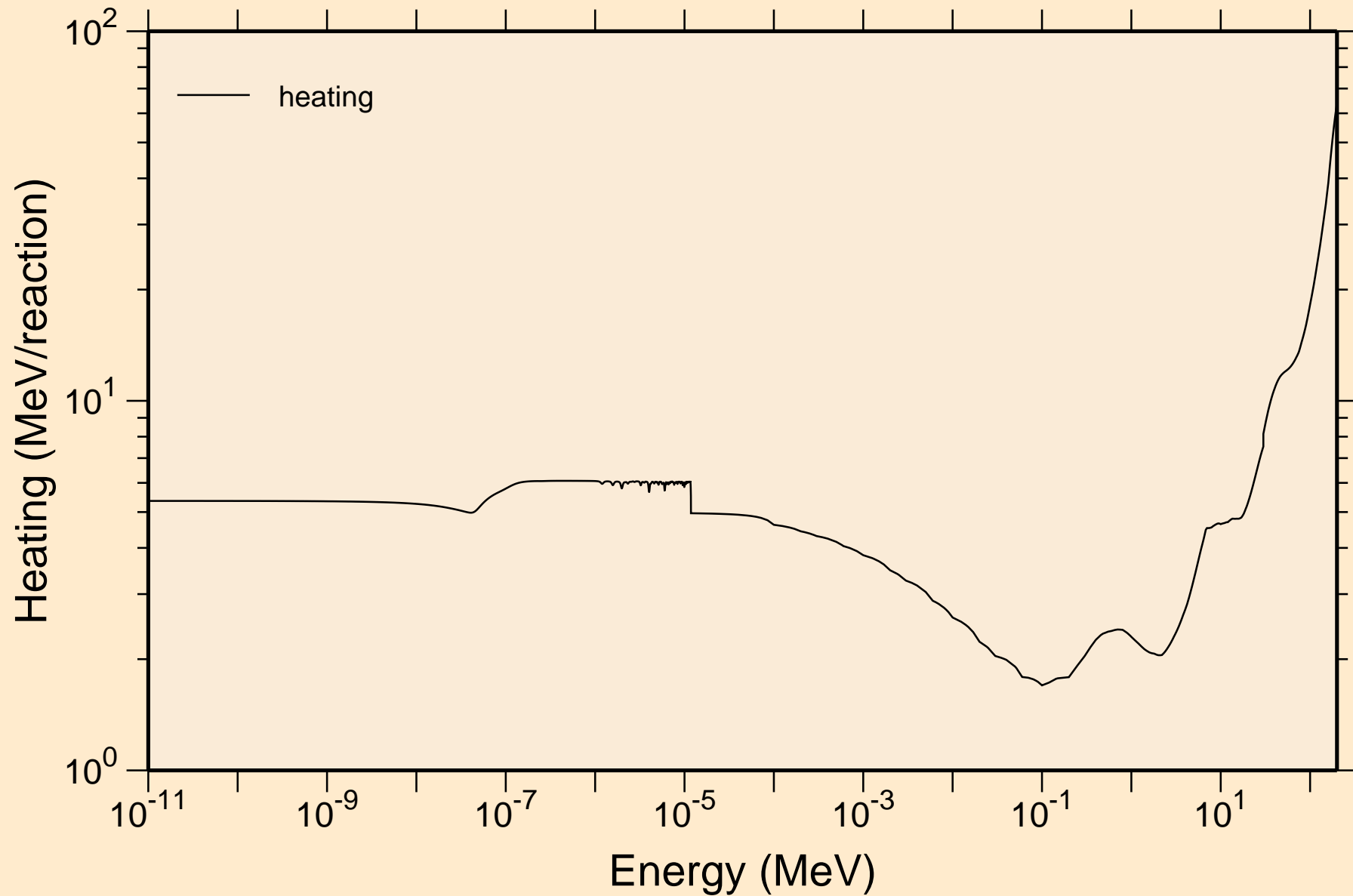
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



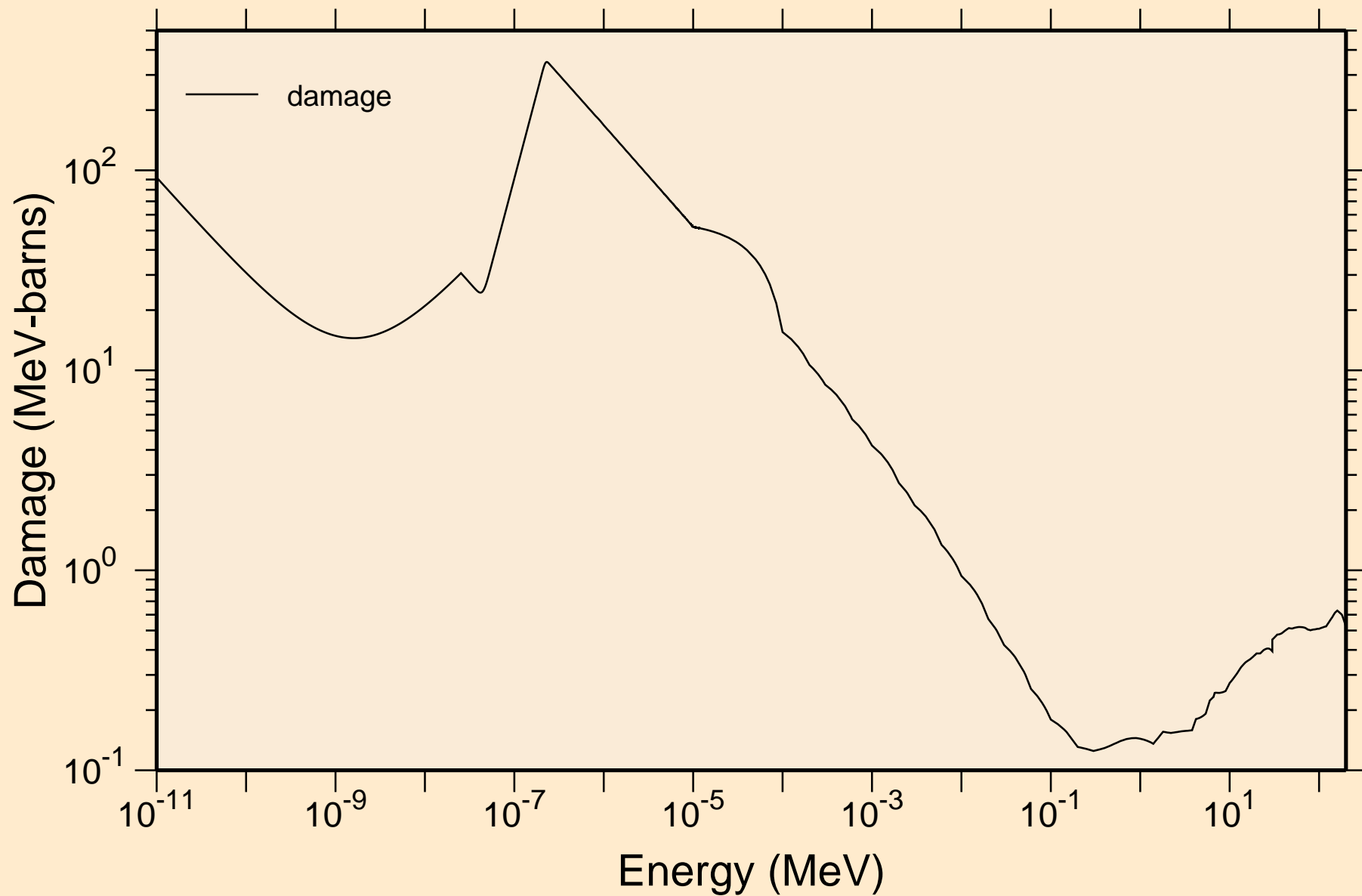
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



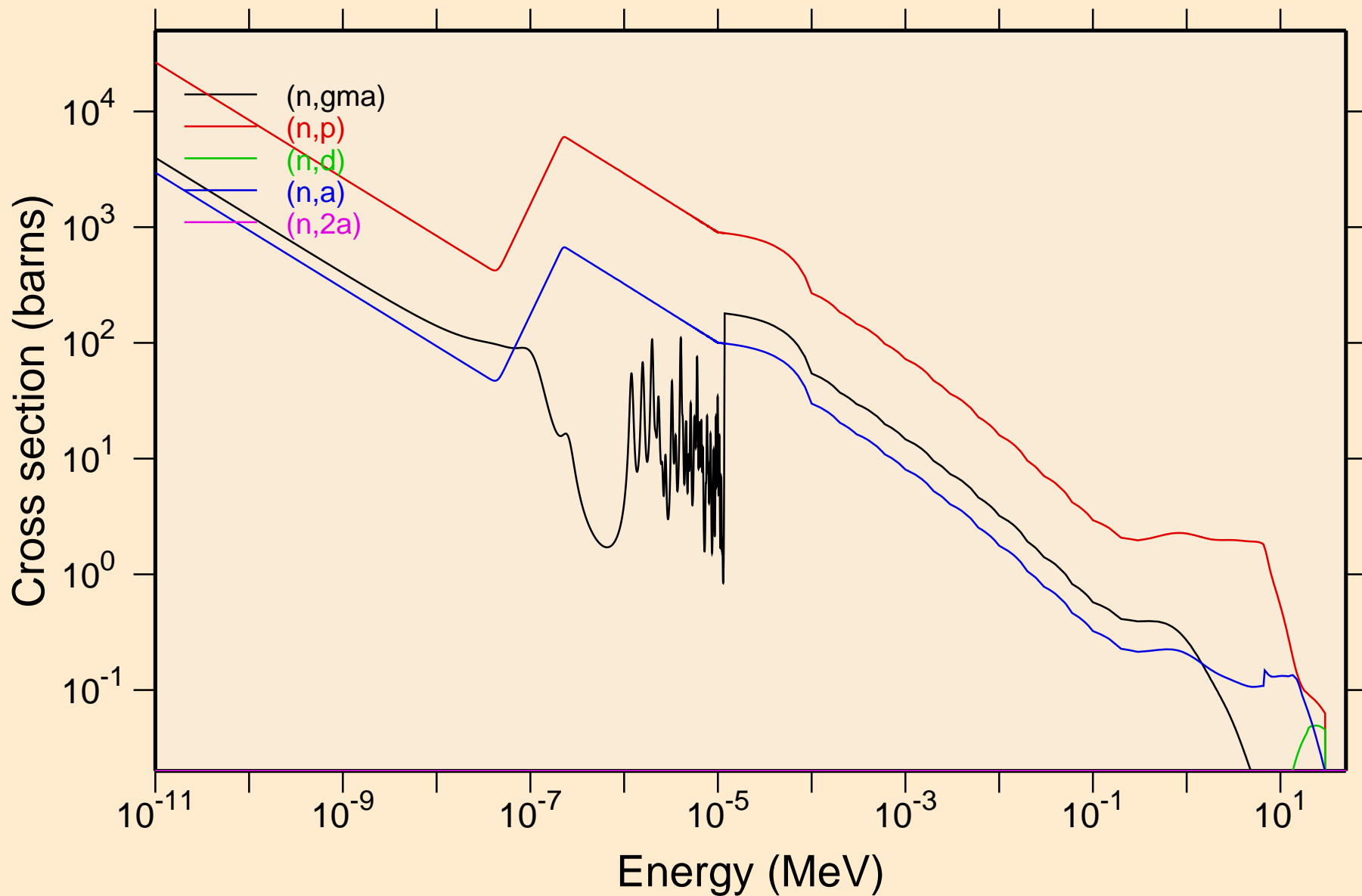
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



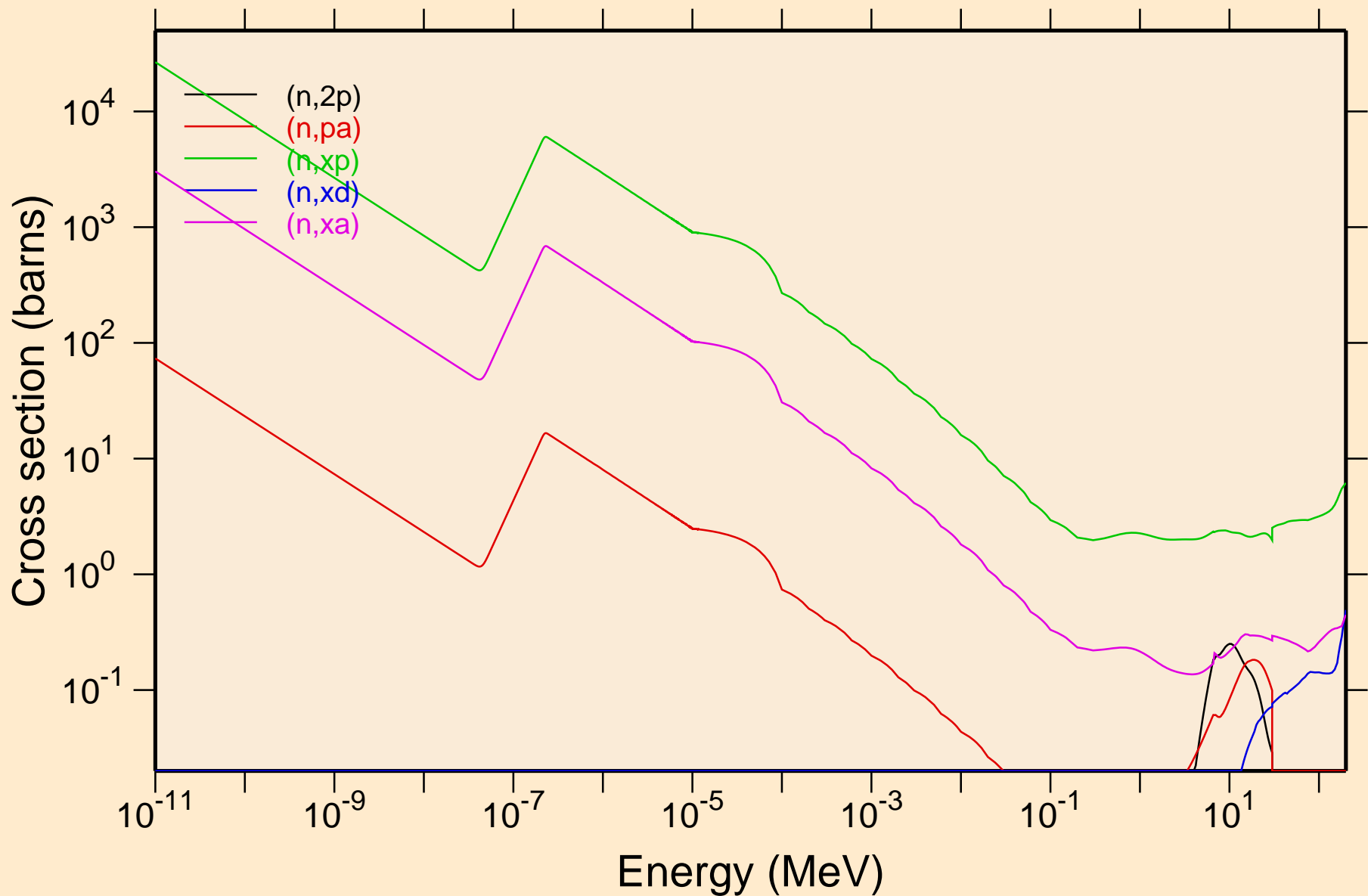
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



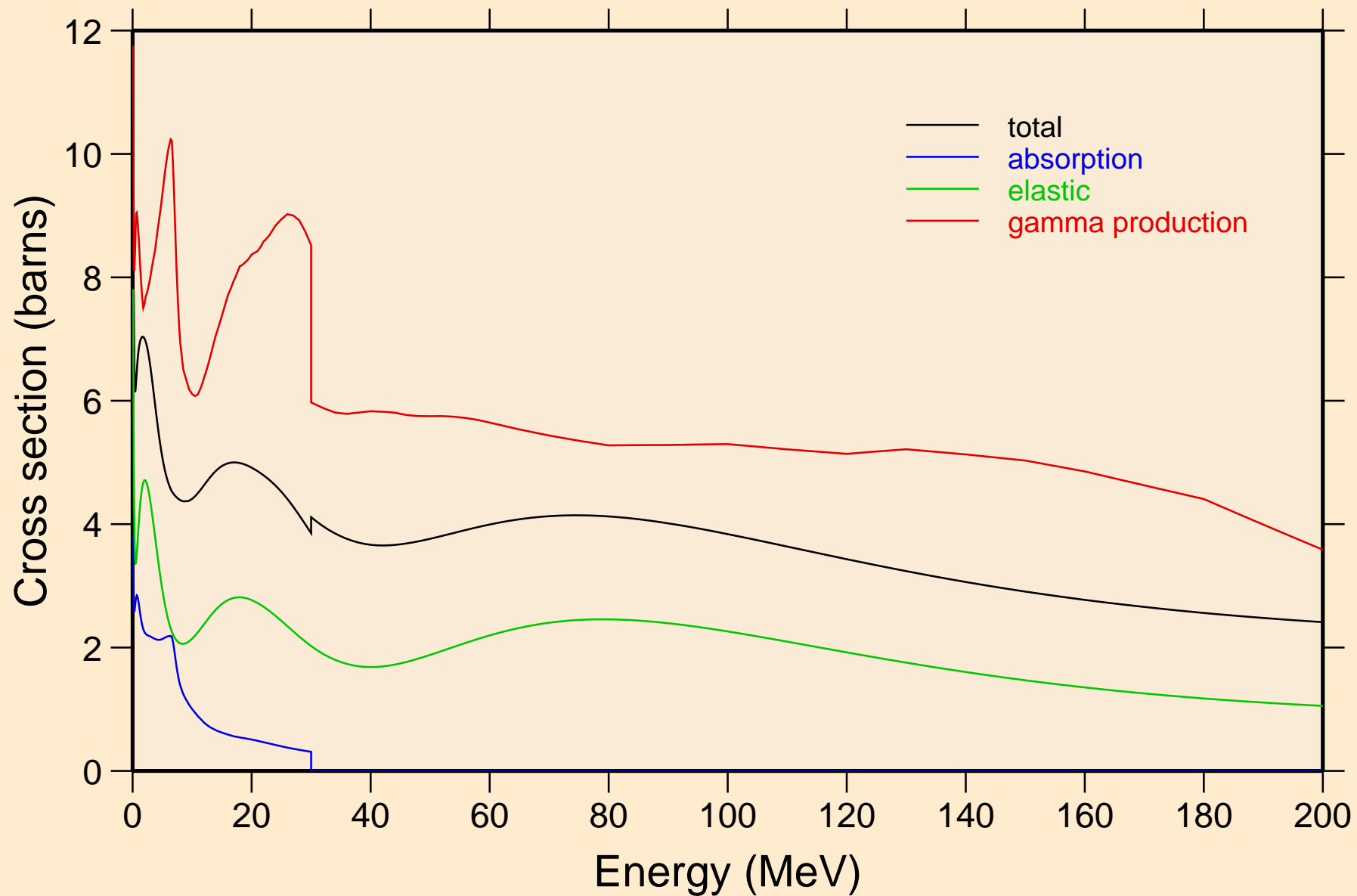
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



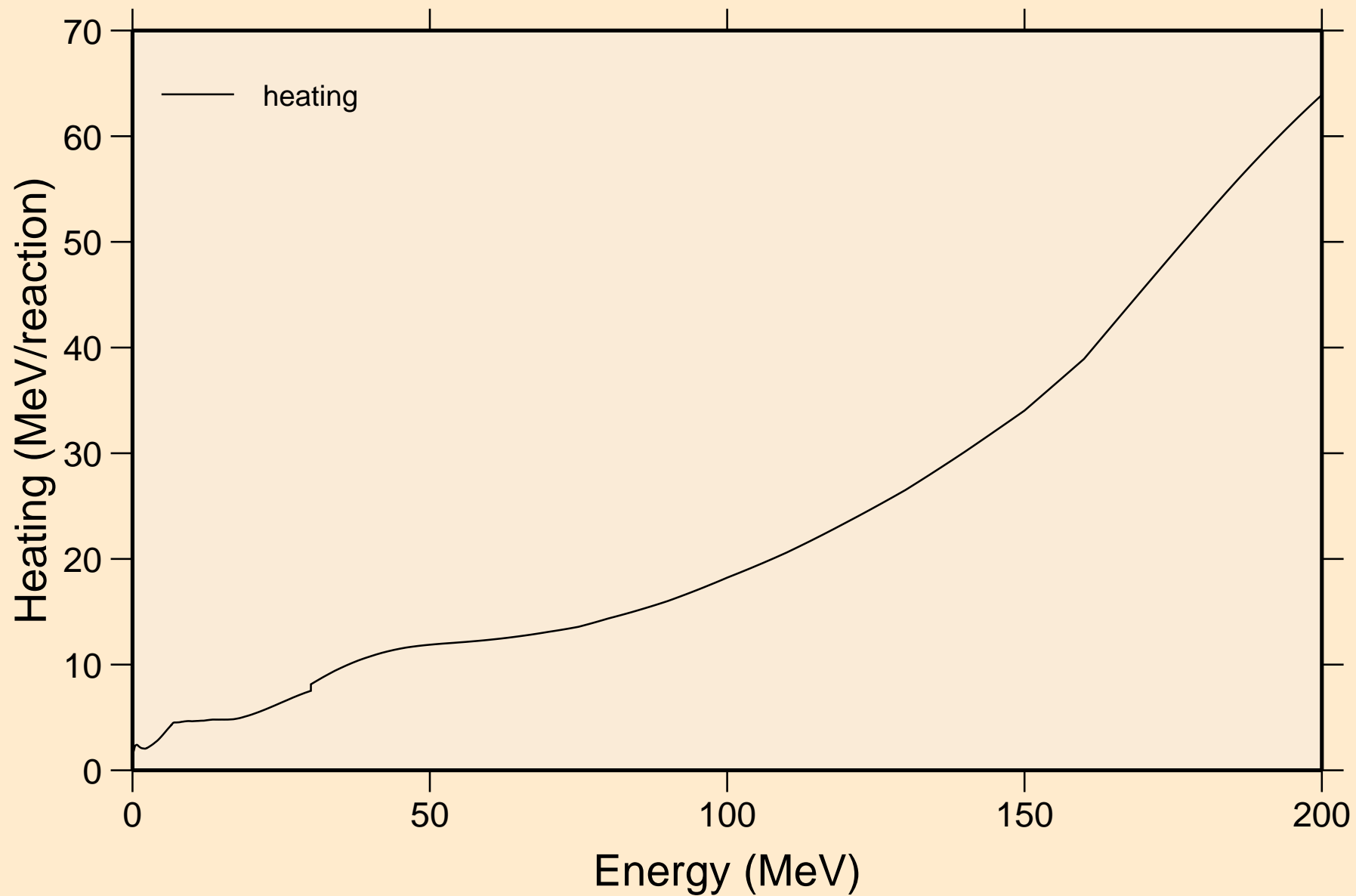
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections

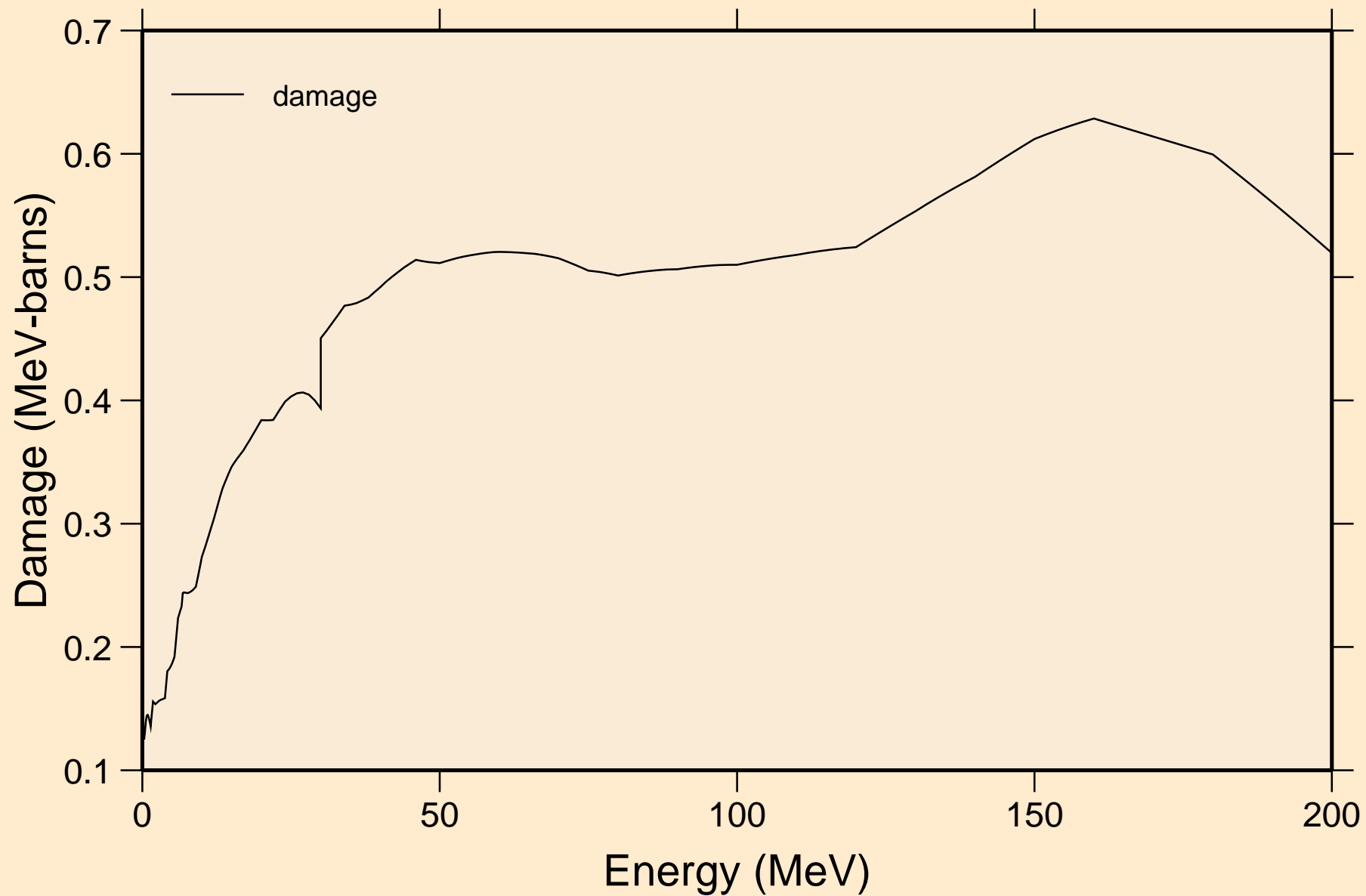


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

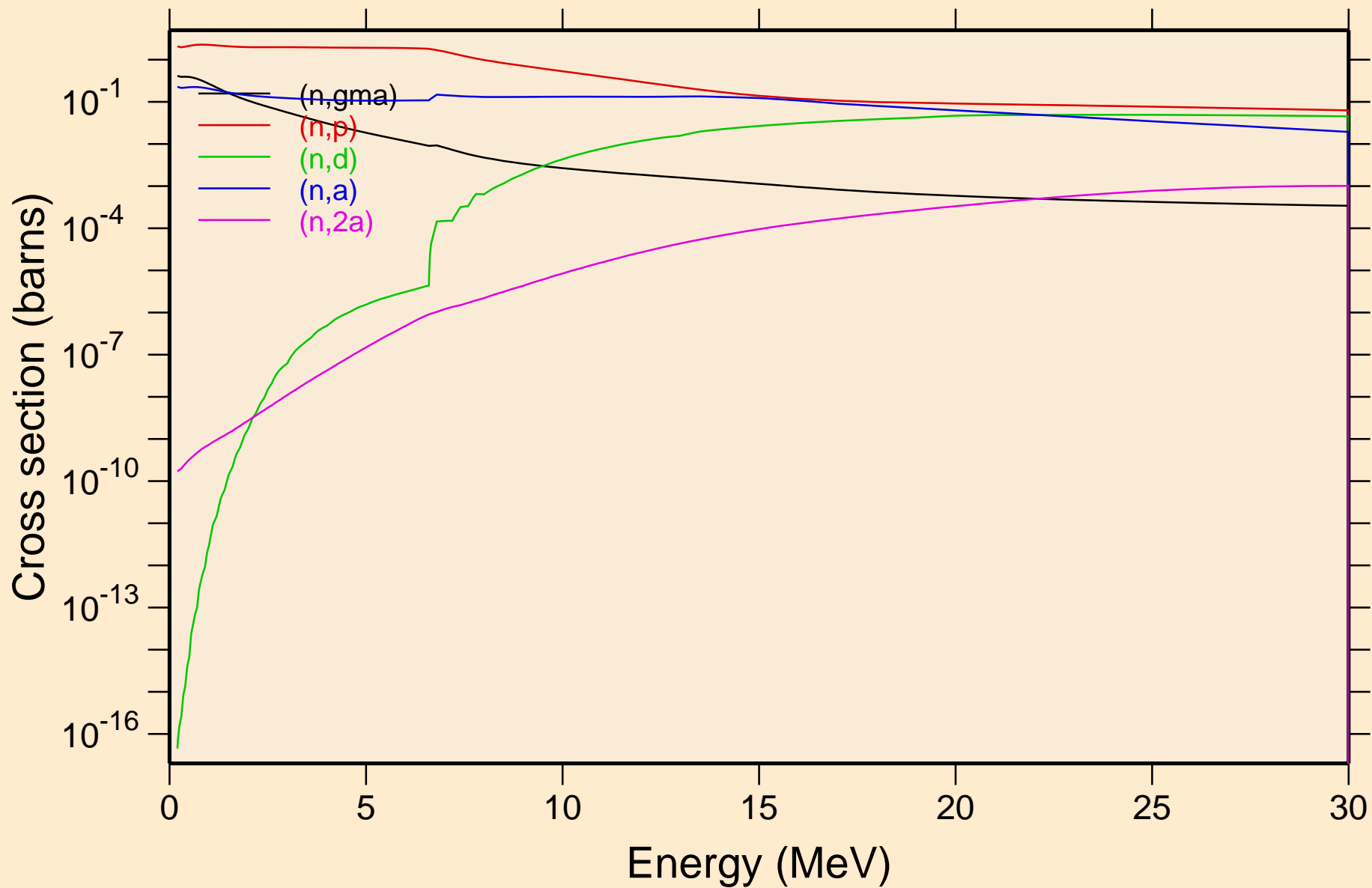




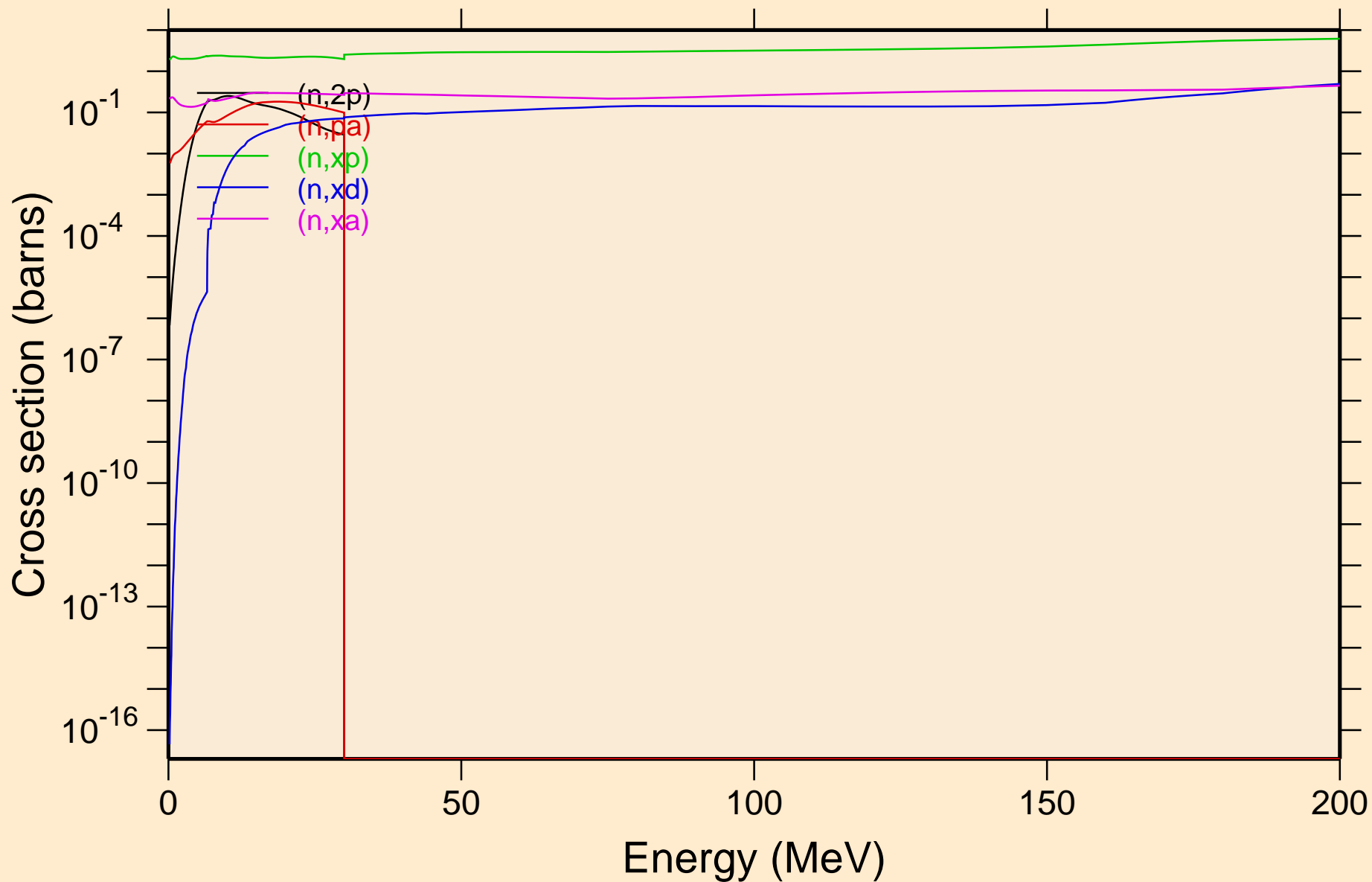
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



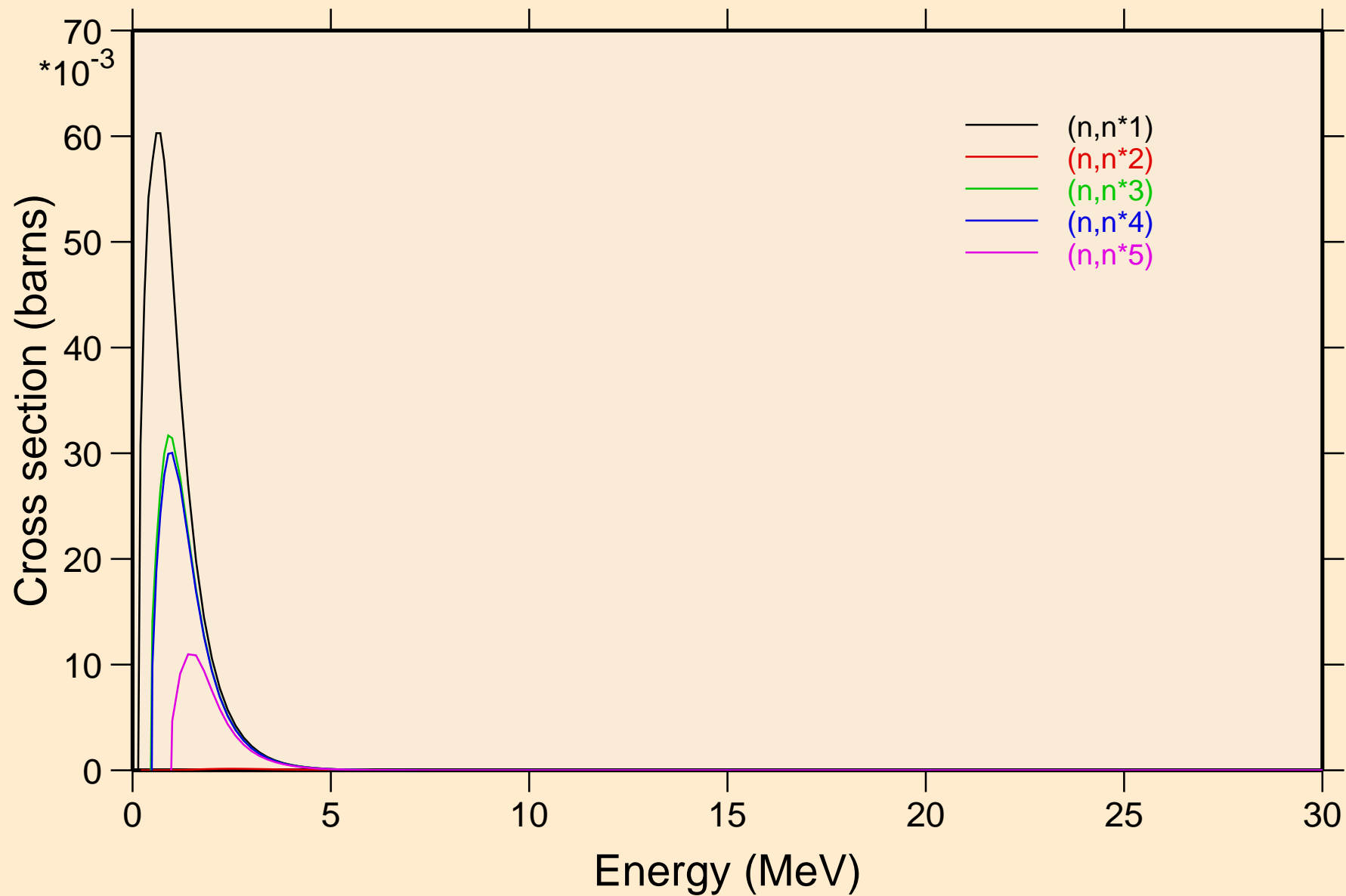
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



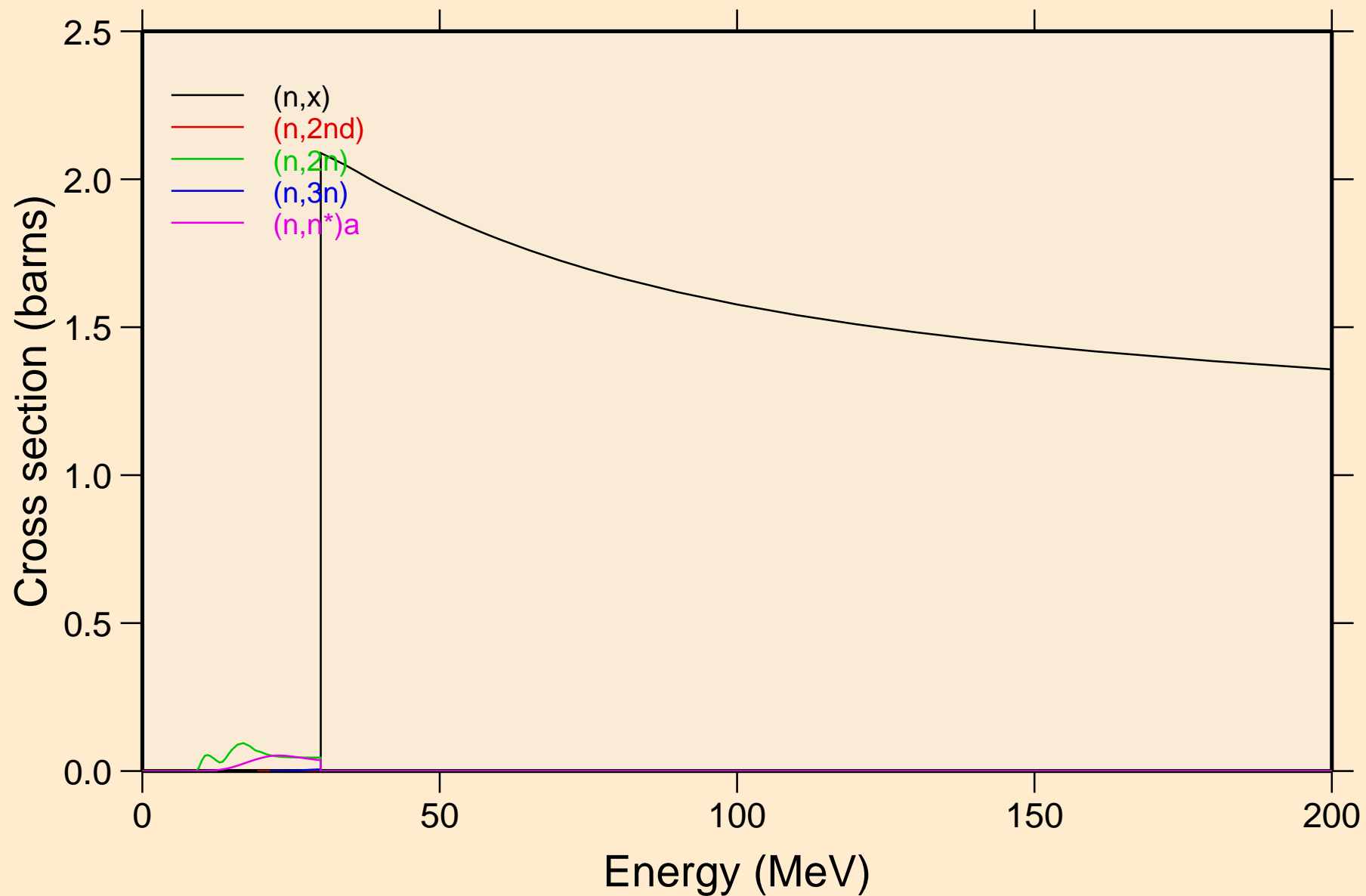
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



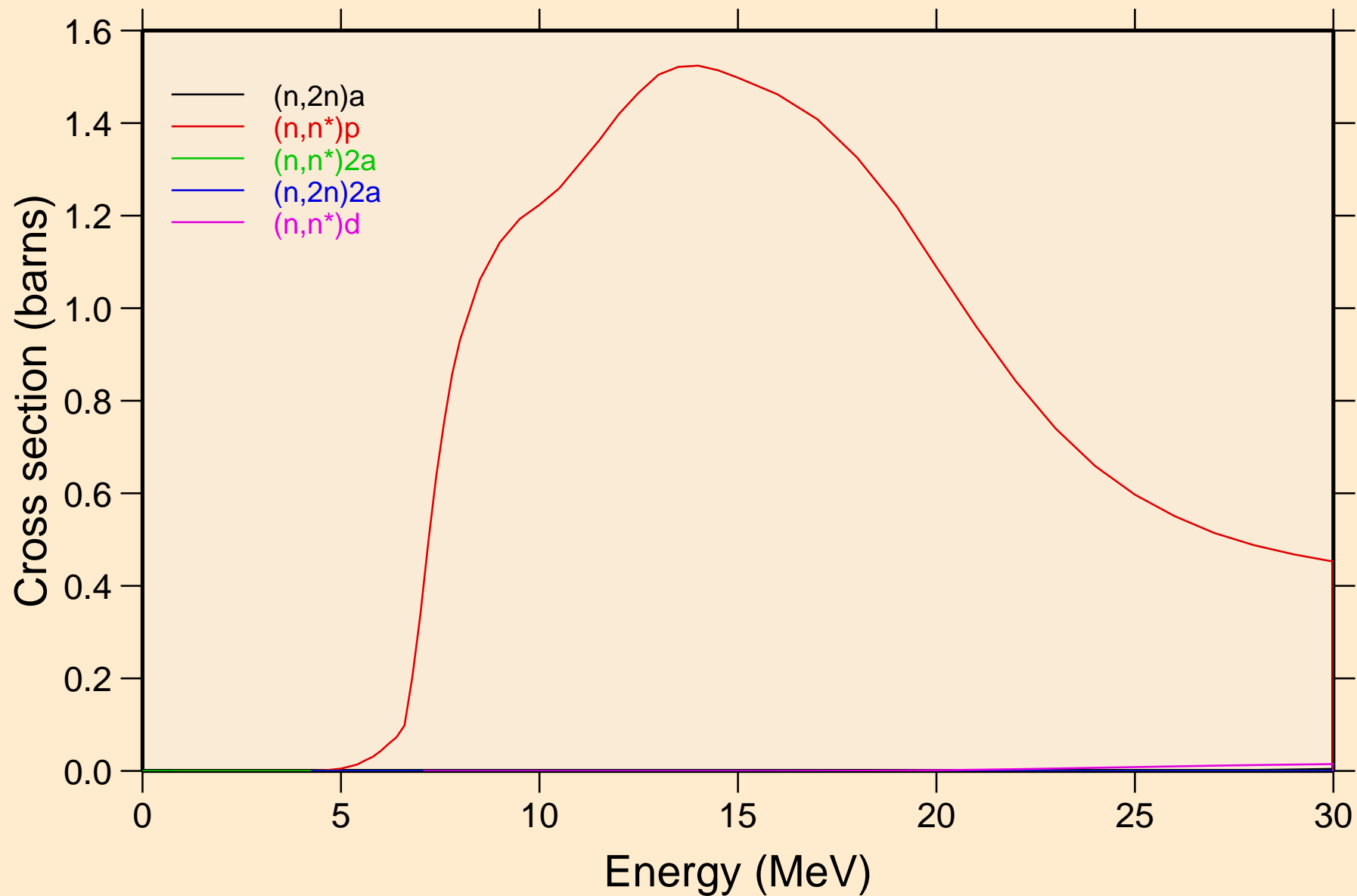
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



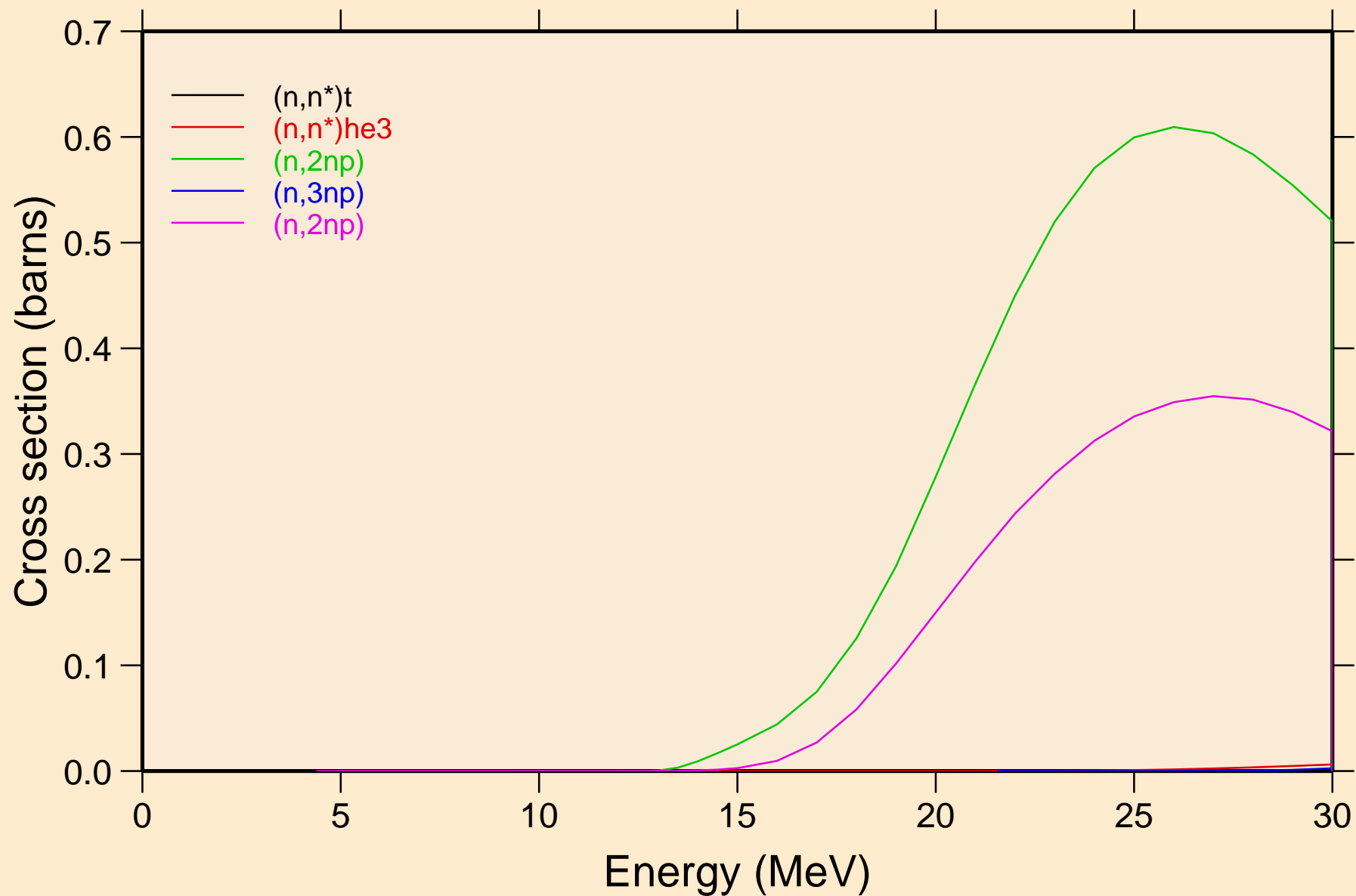
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



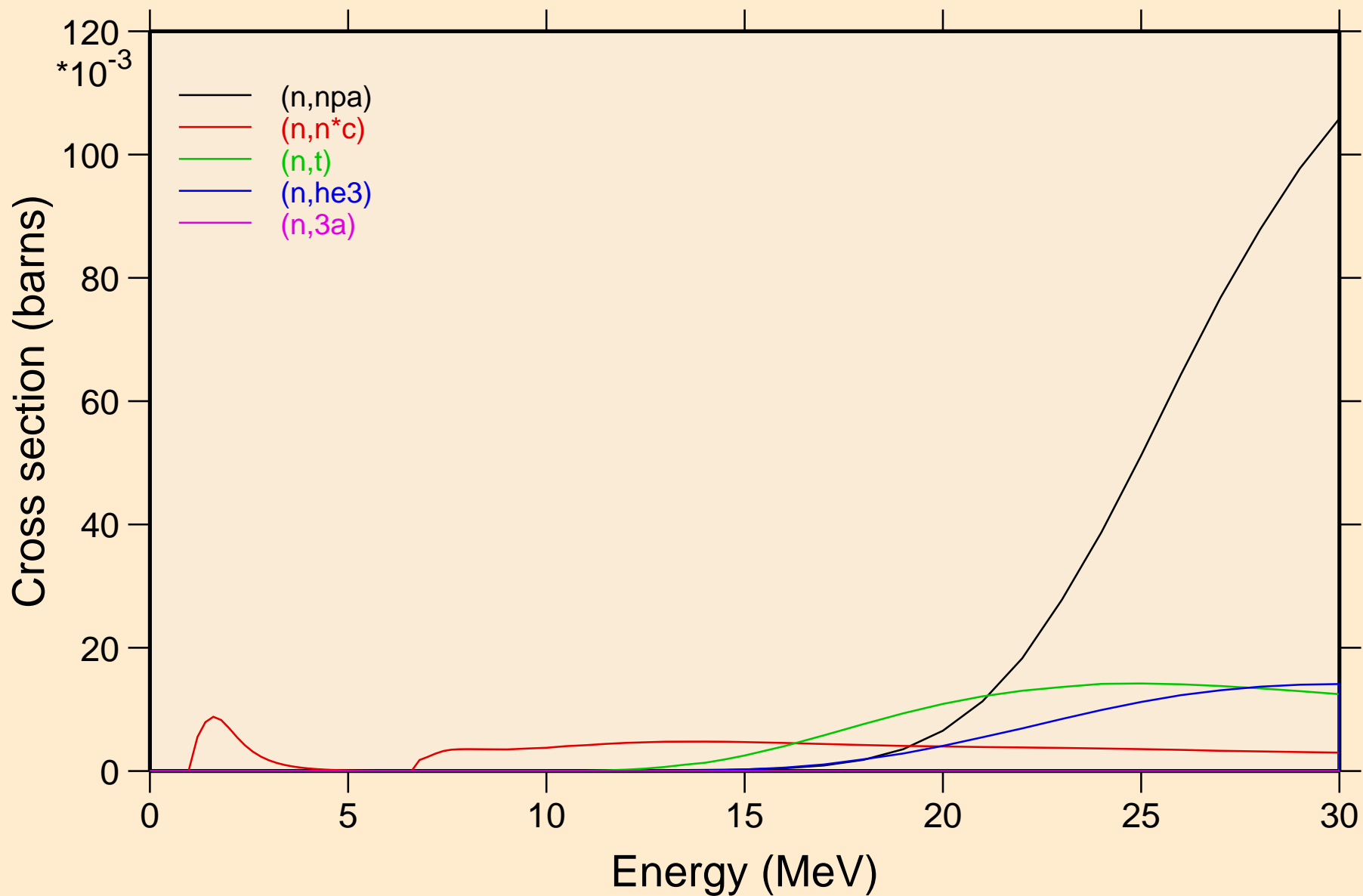
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

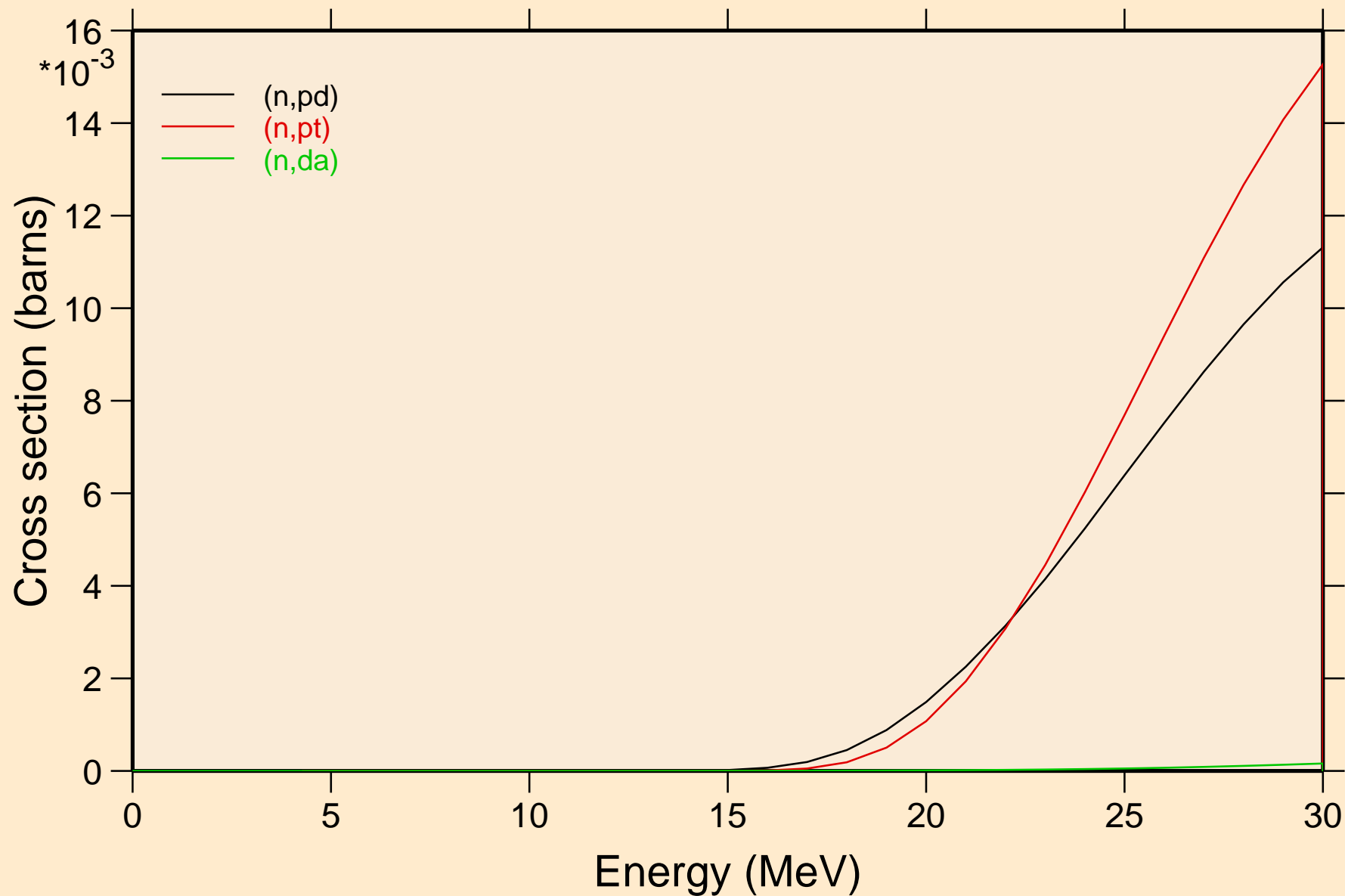


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

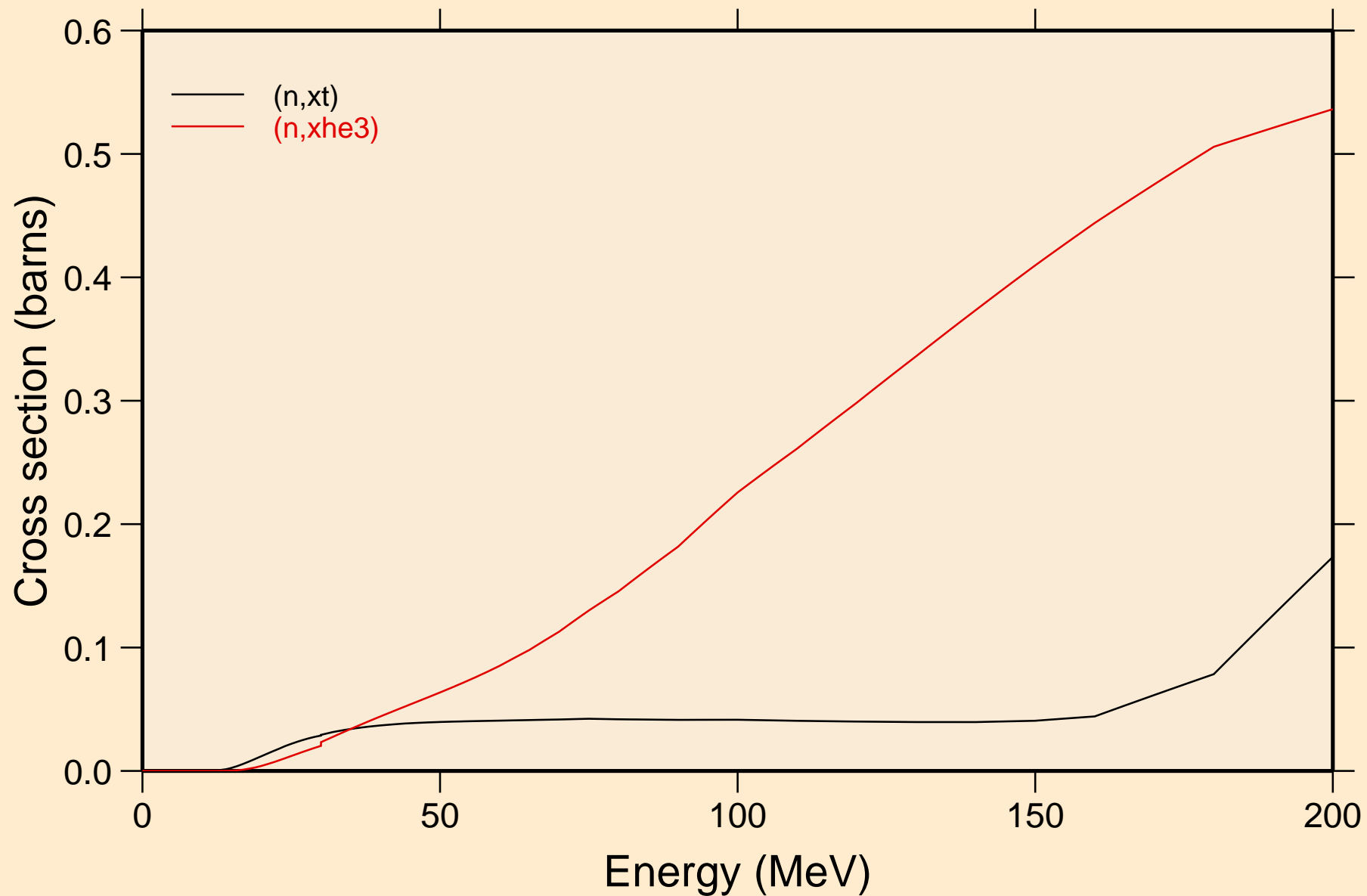




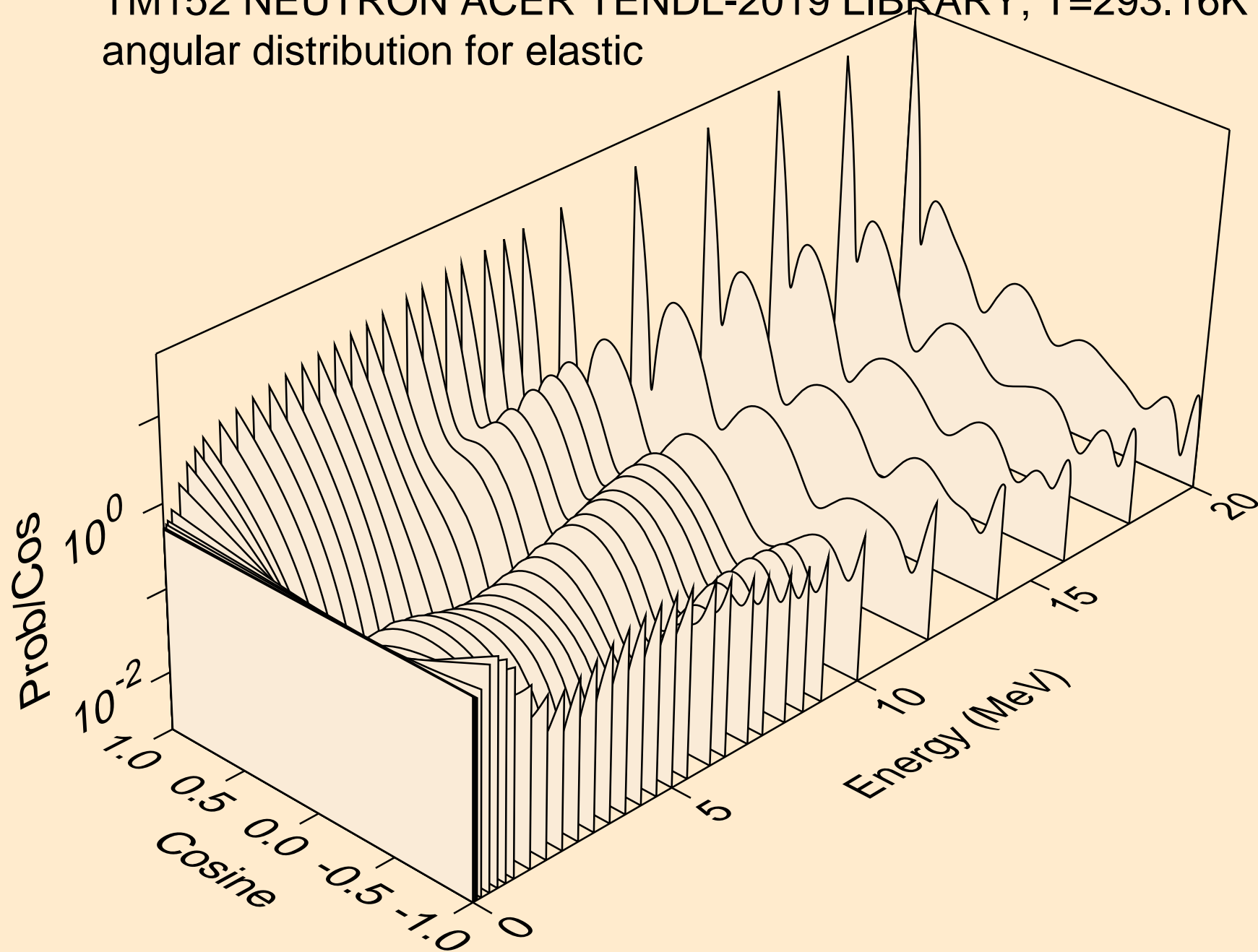
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



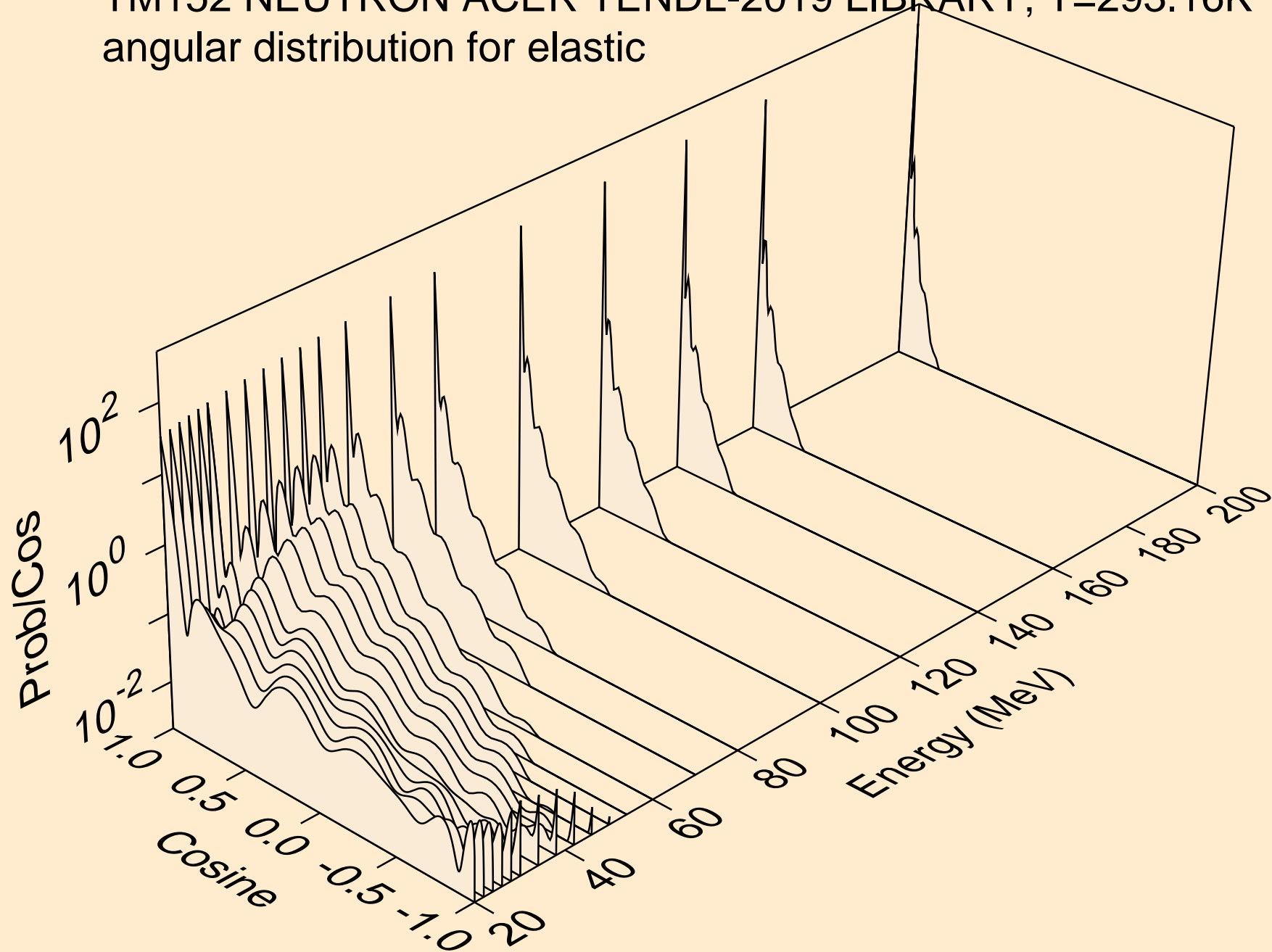
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



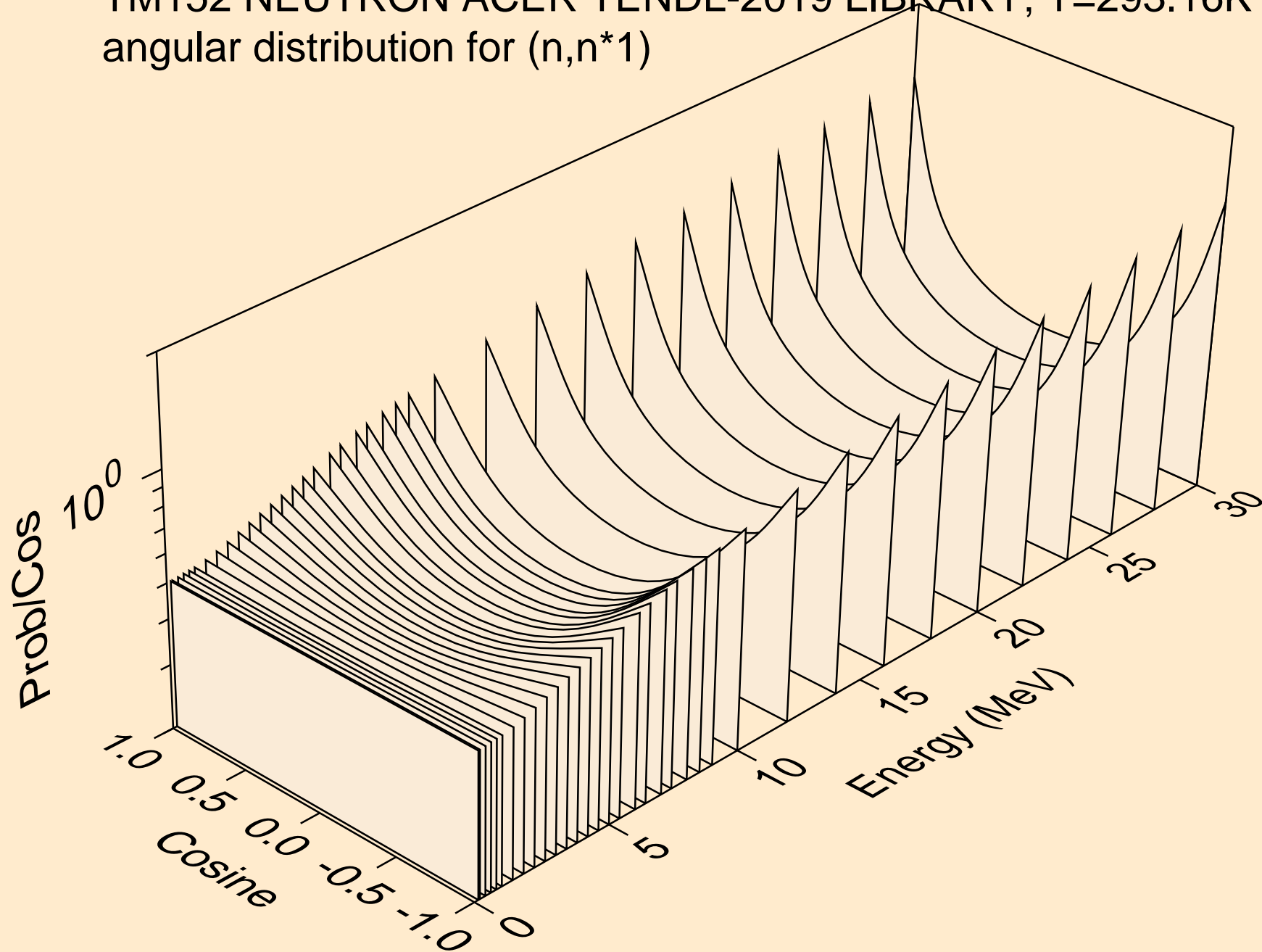
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



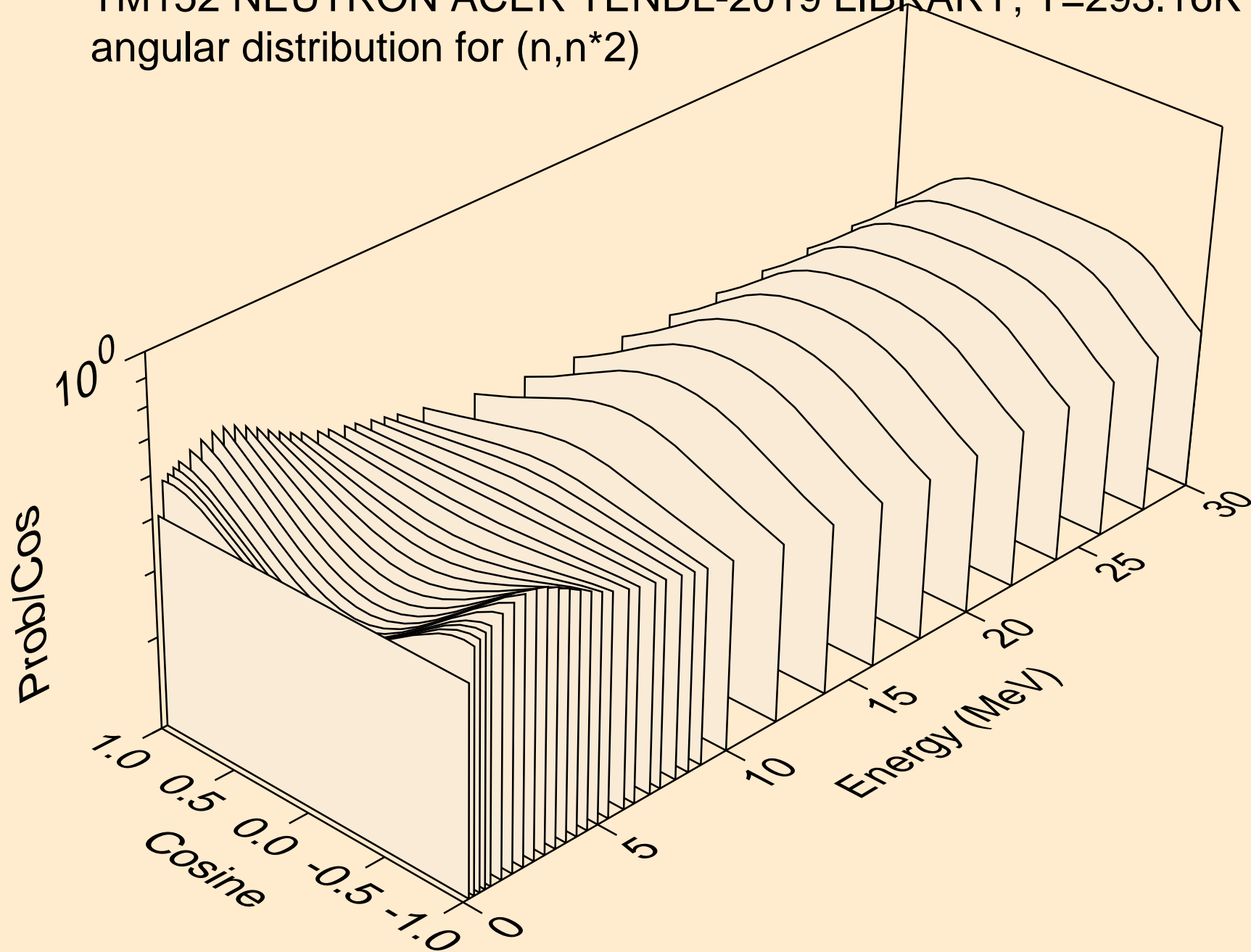
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



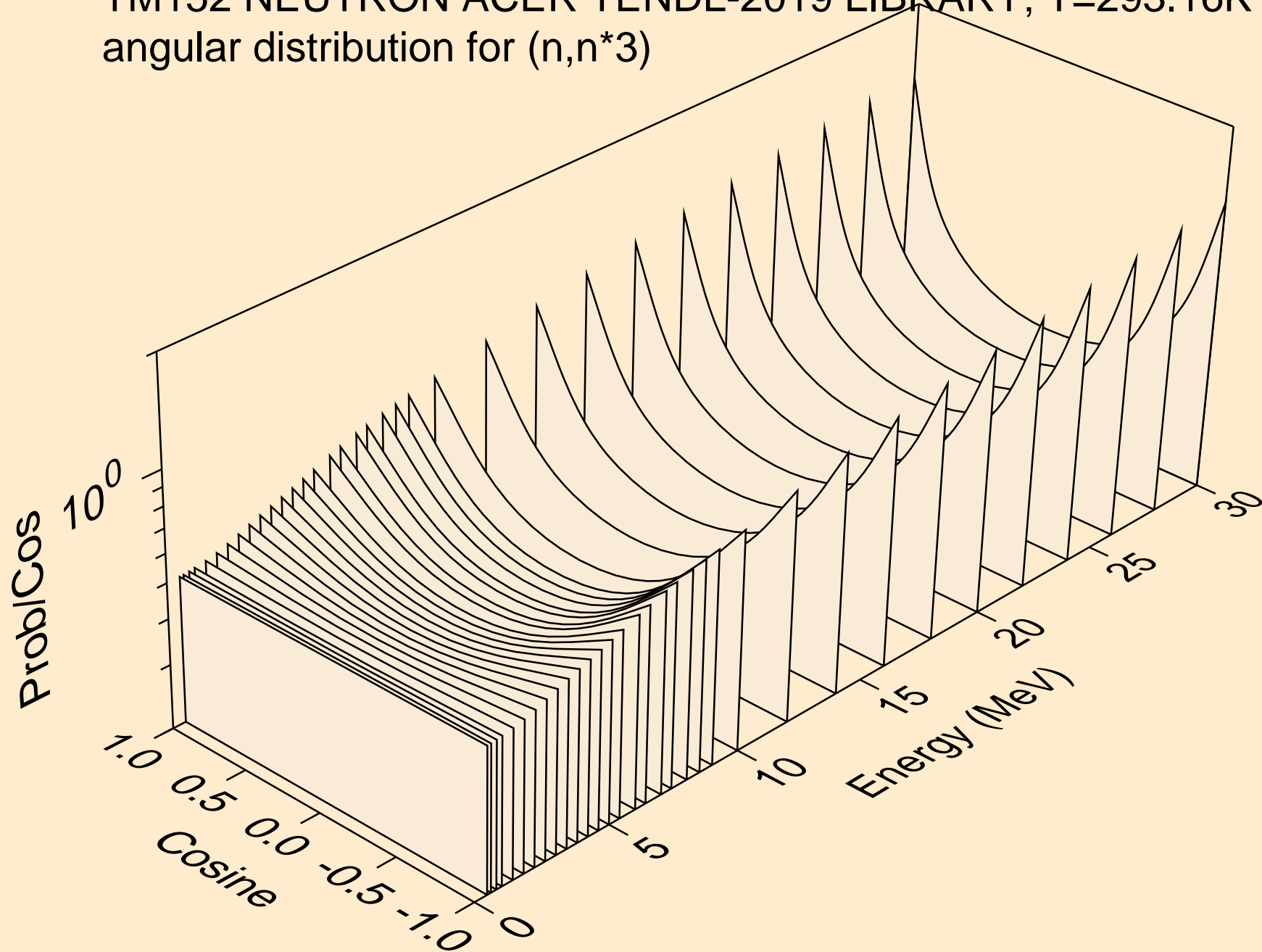
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



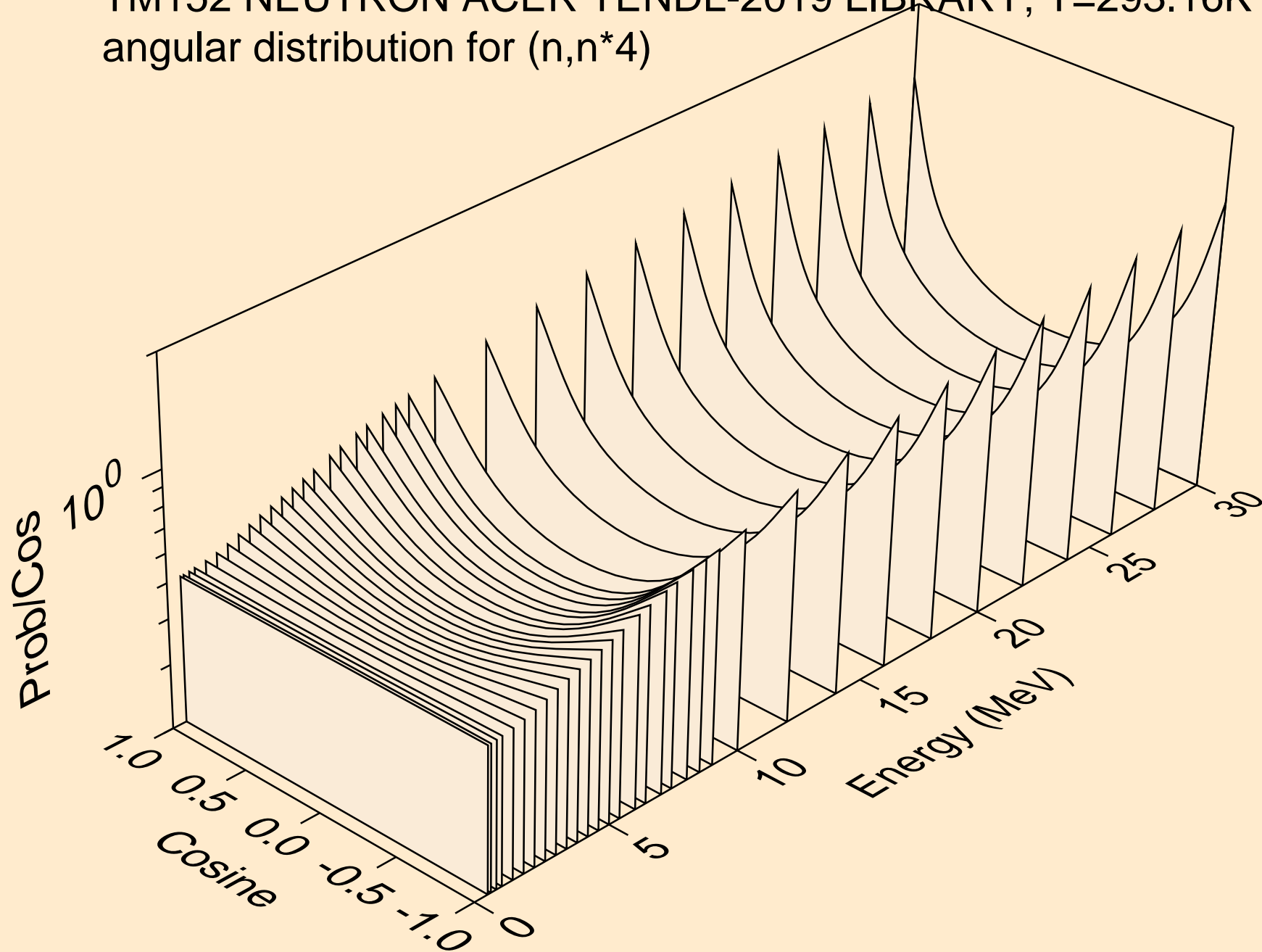
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

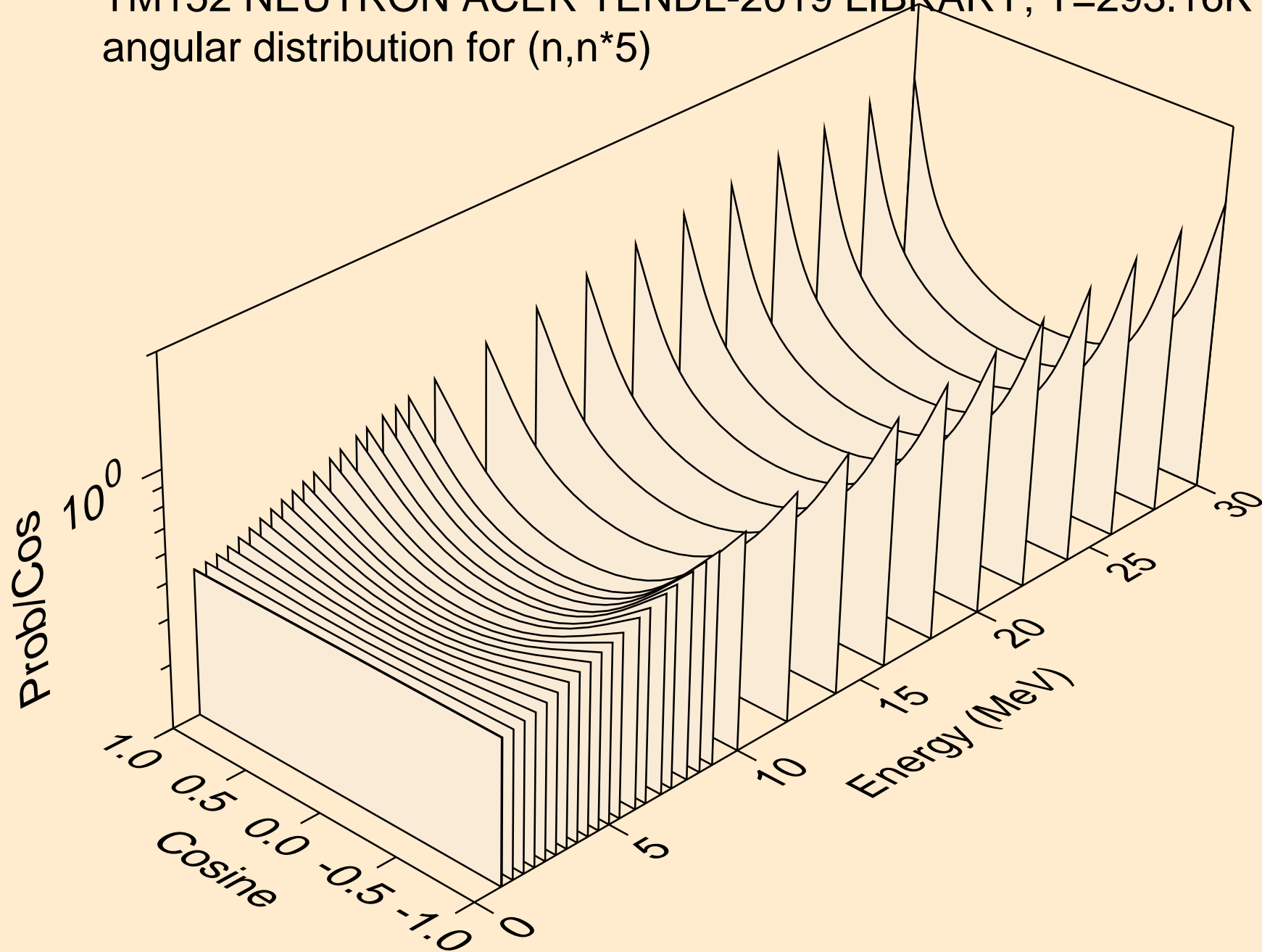


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)

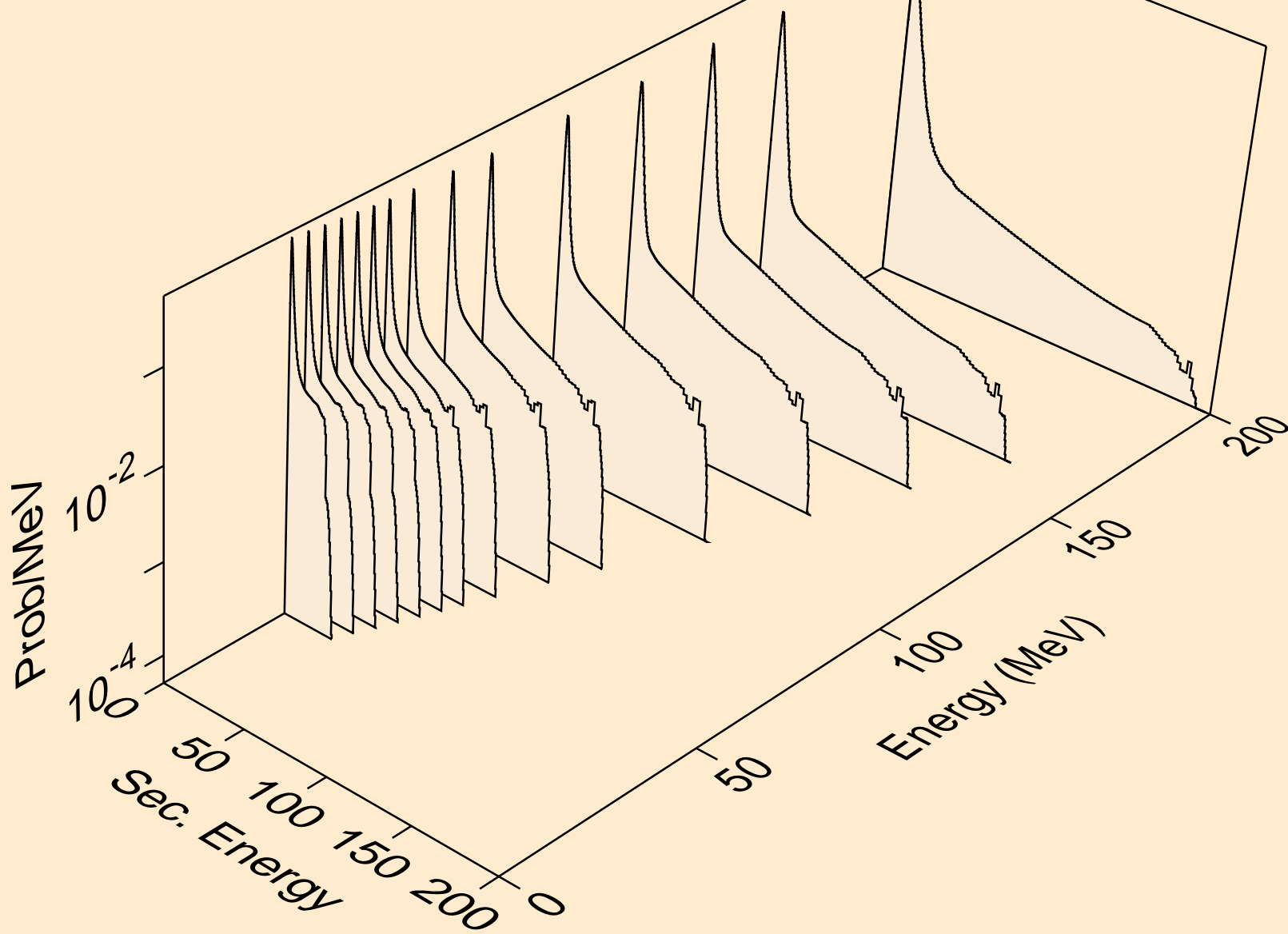




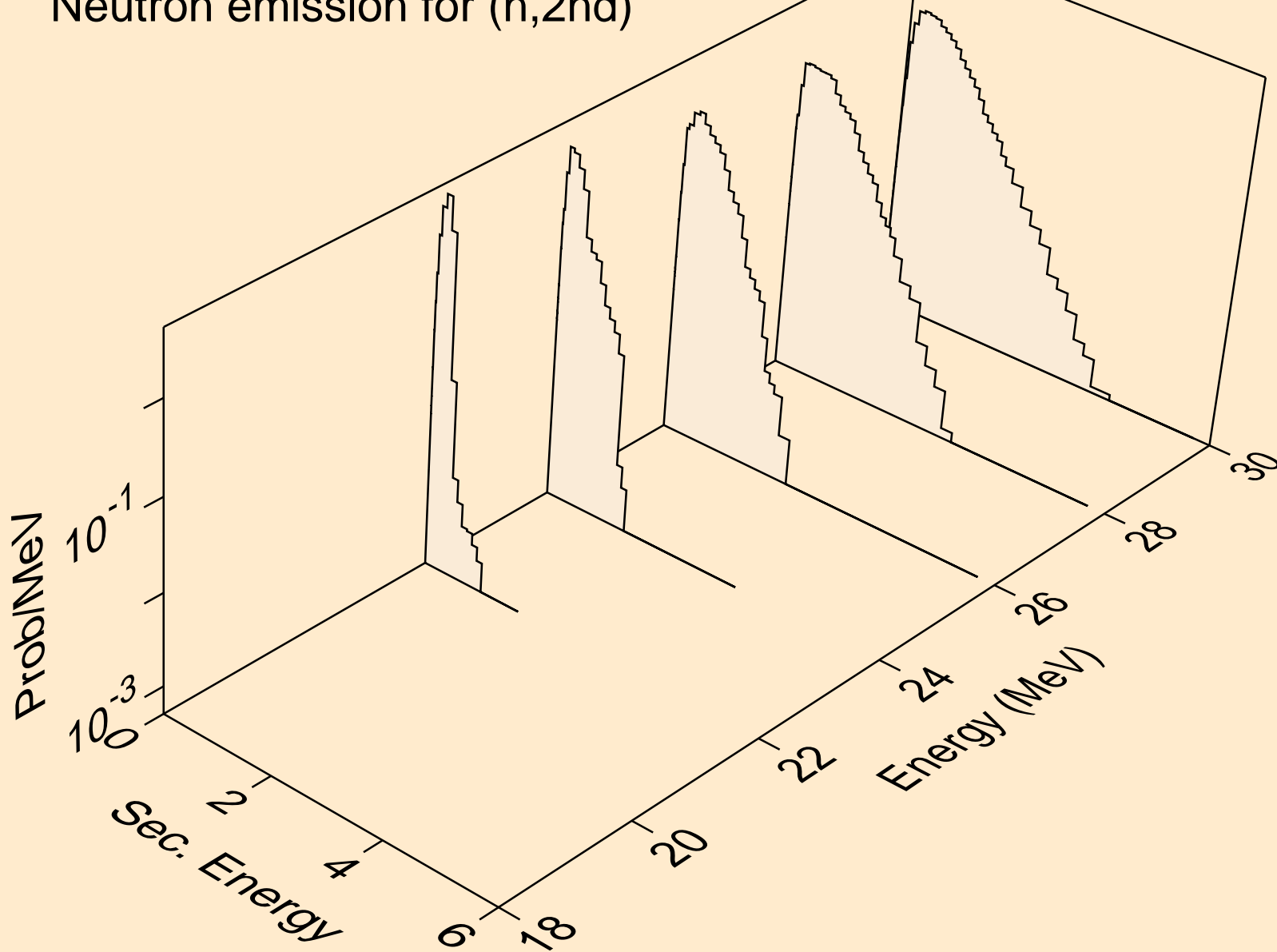
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



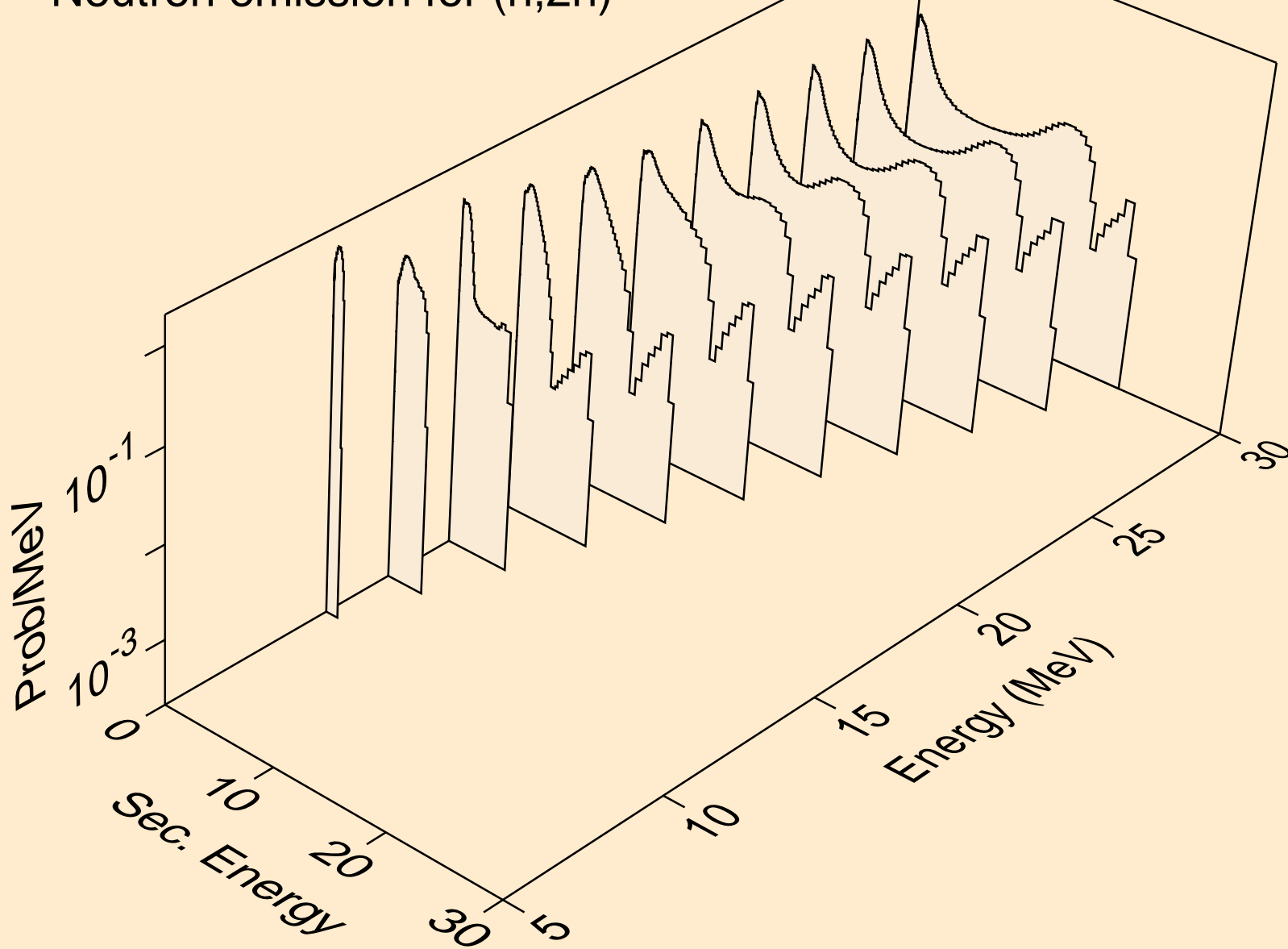
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



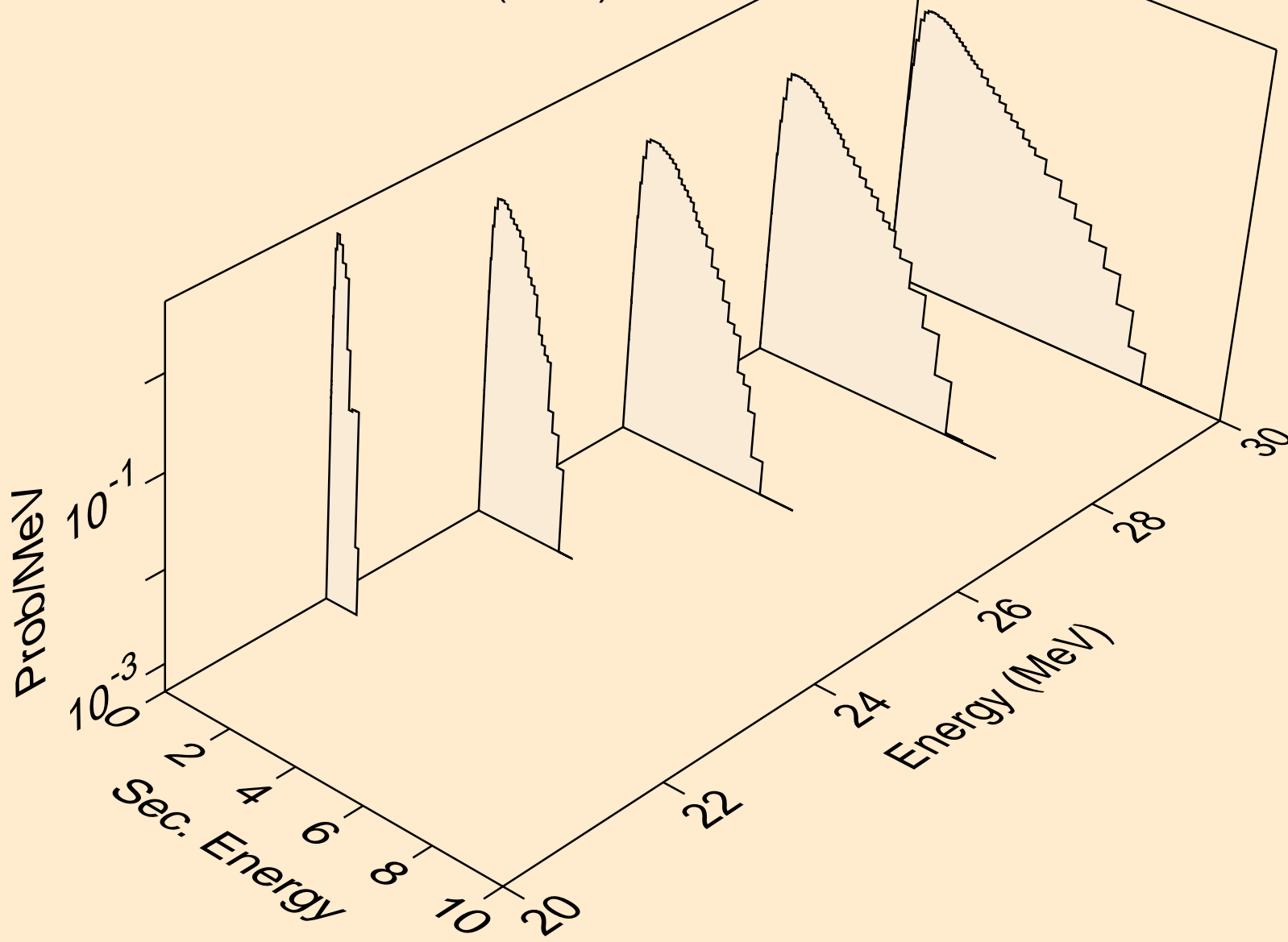
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



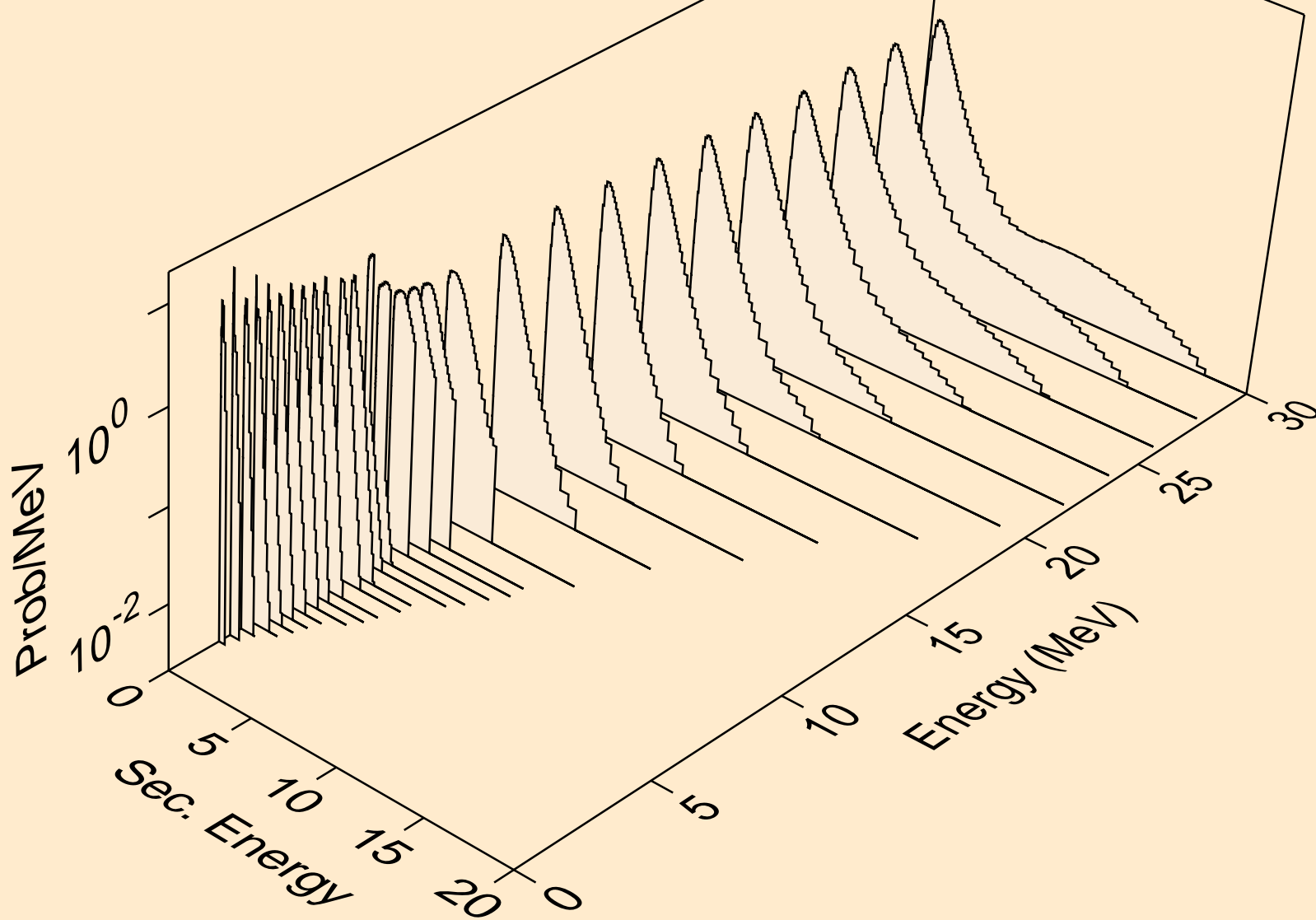
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



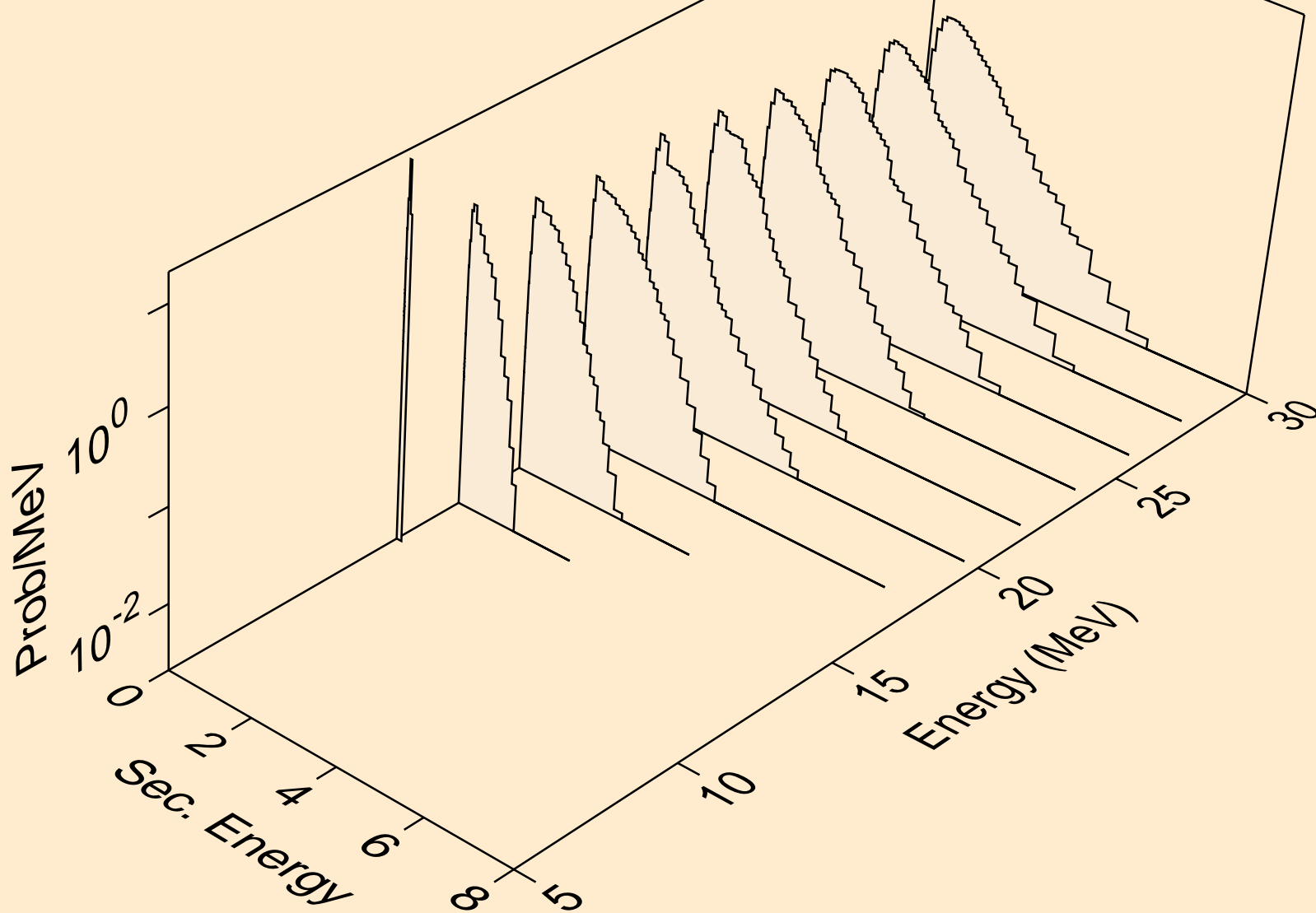
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



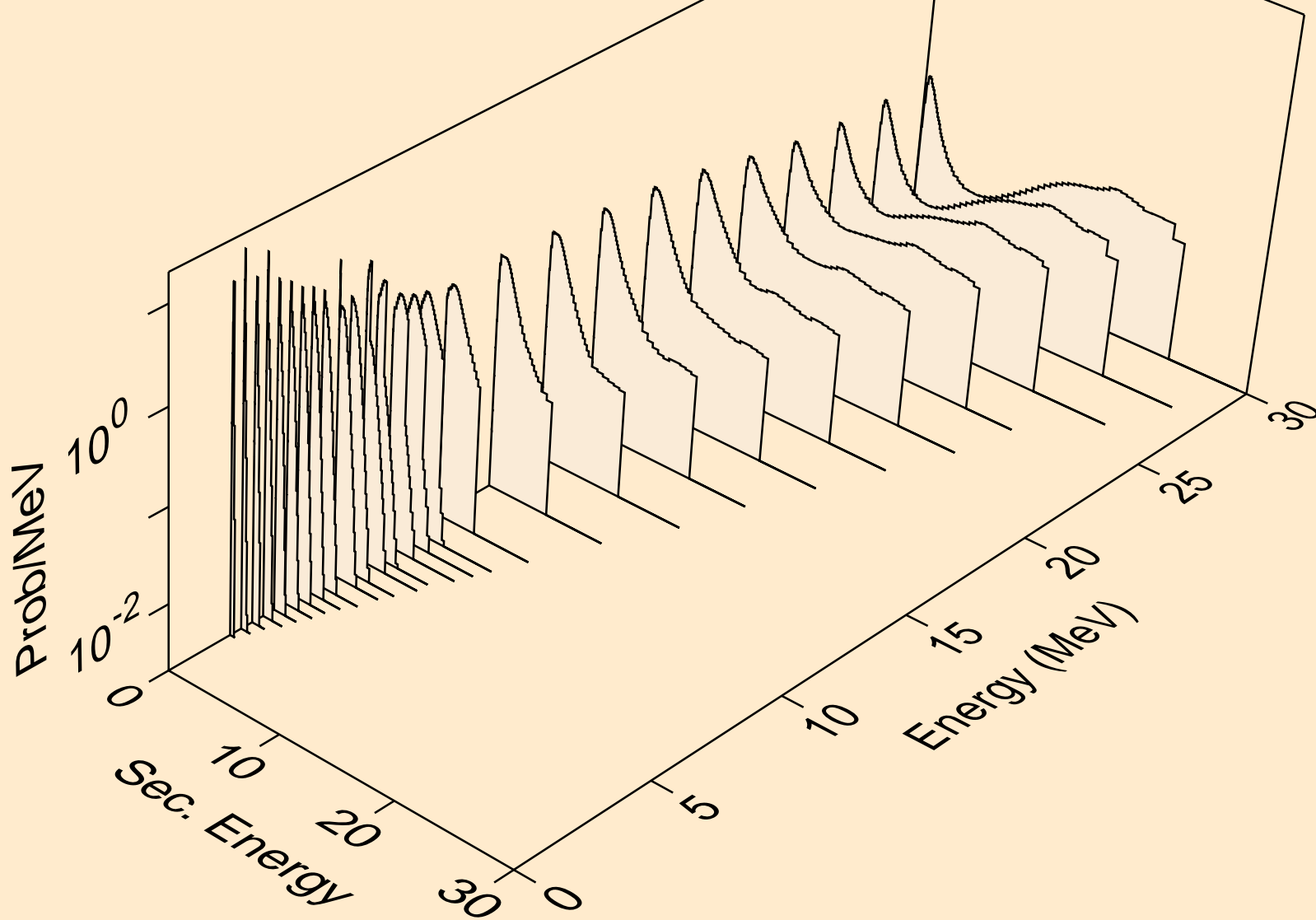
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

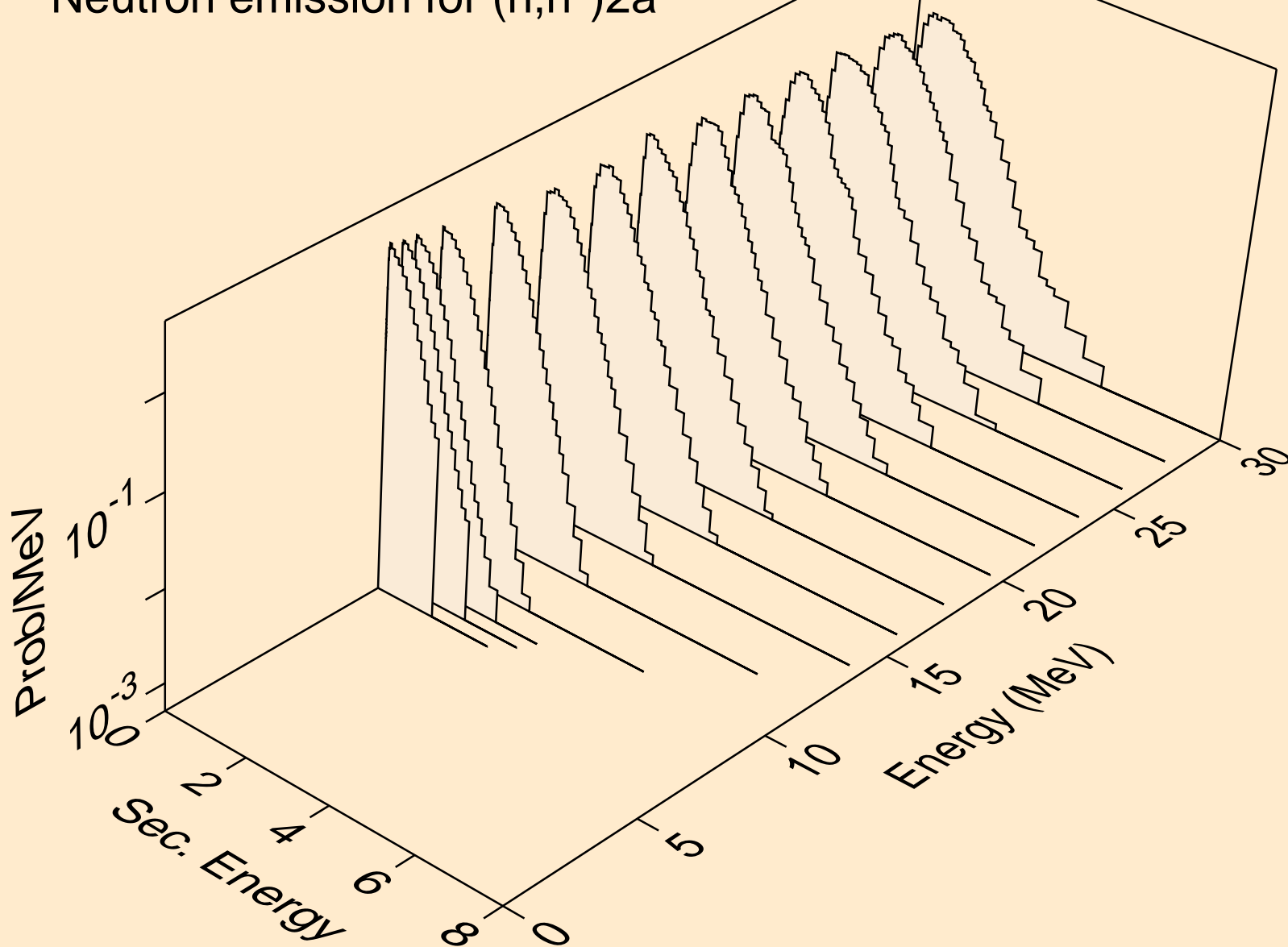


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p

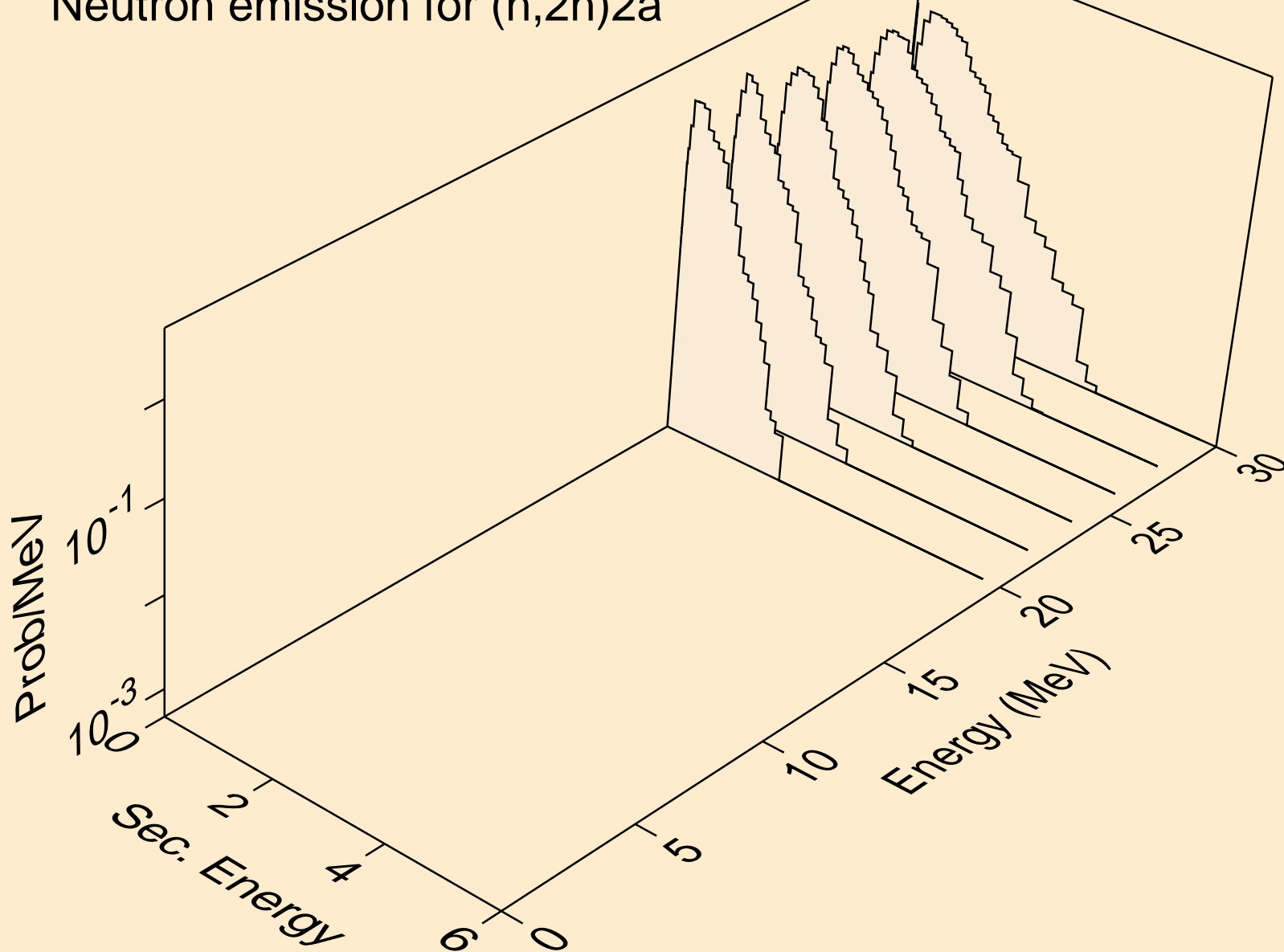




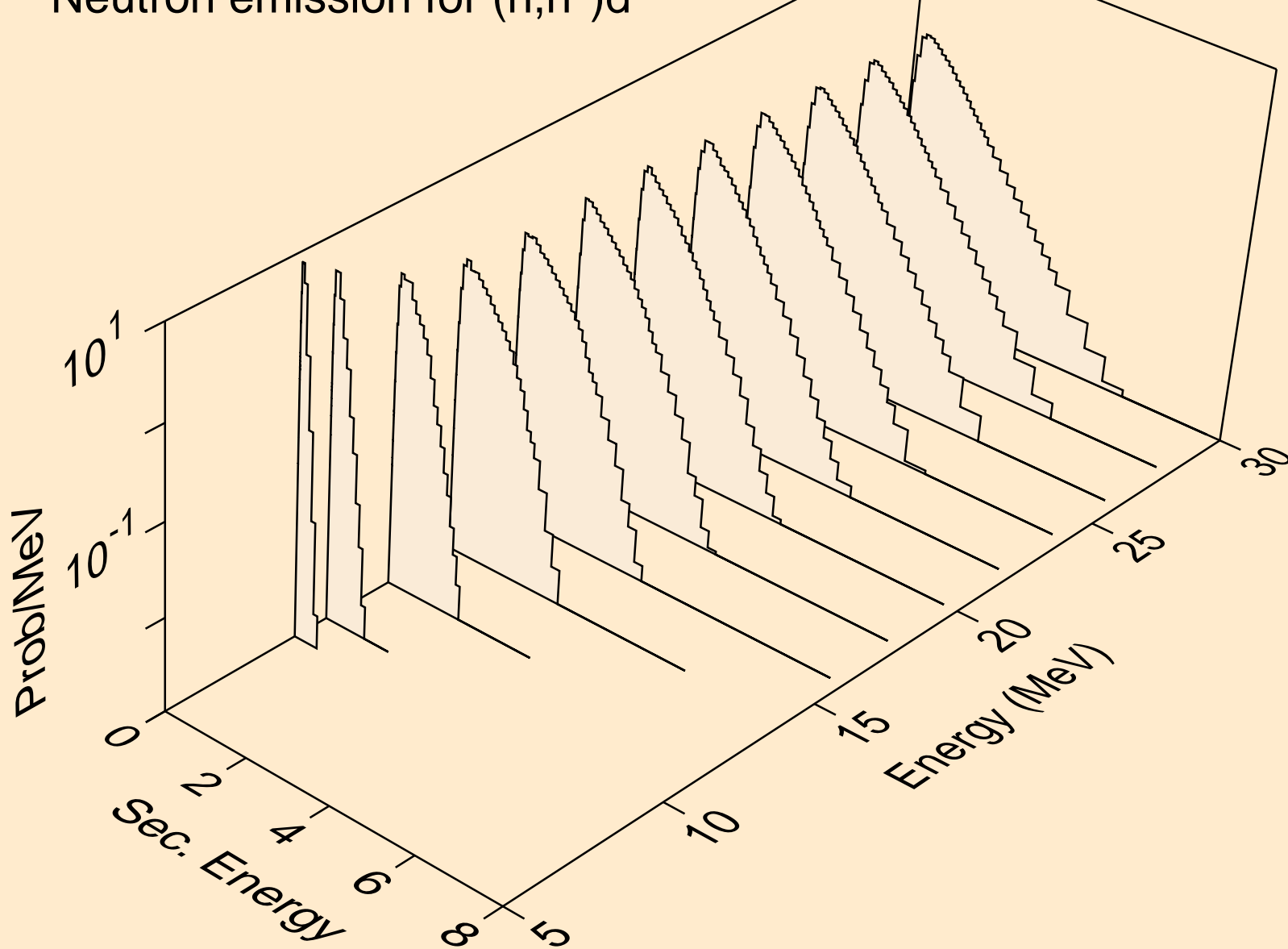
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



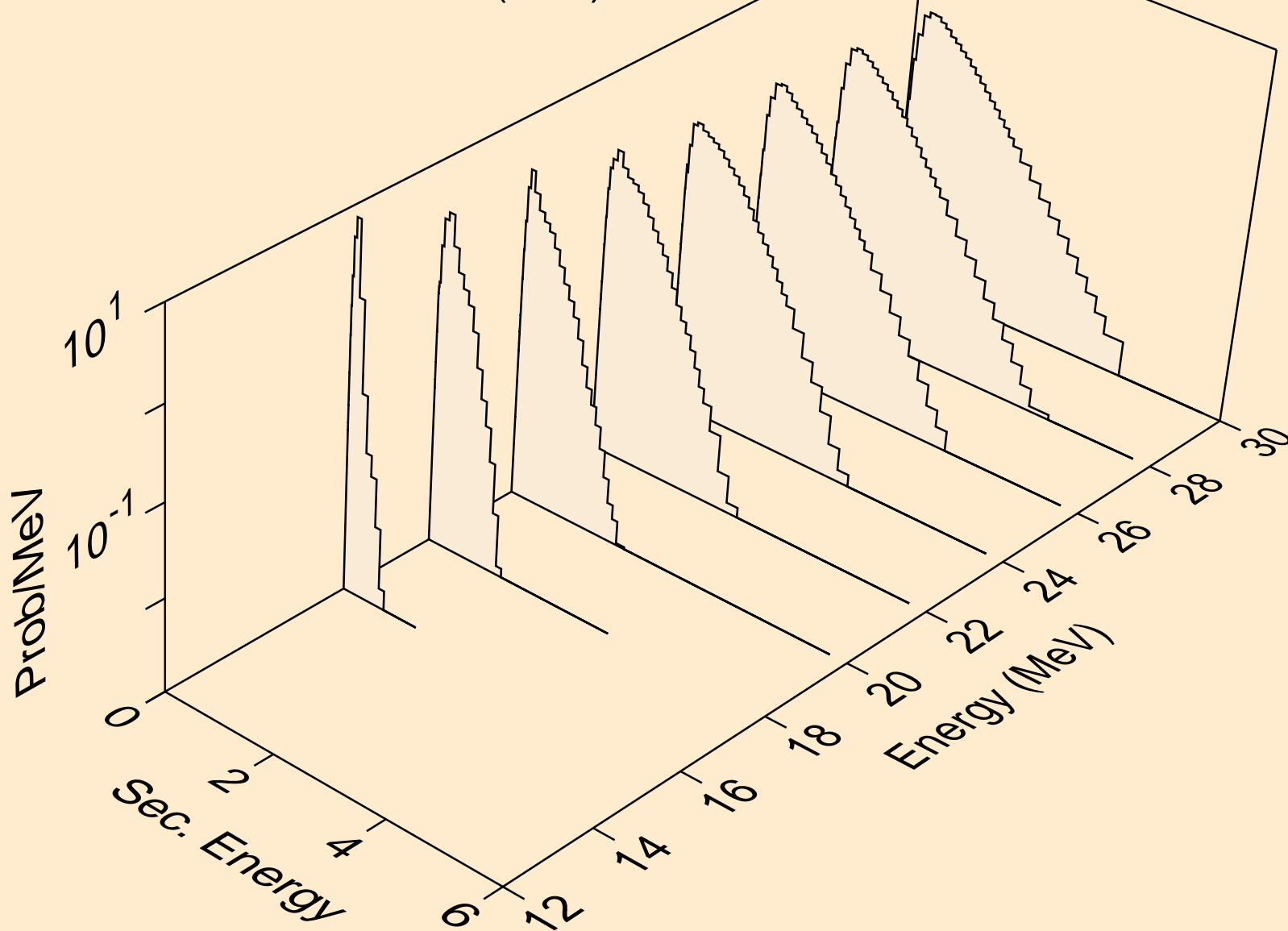
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a



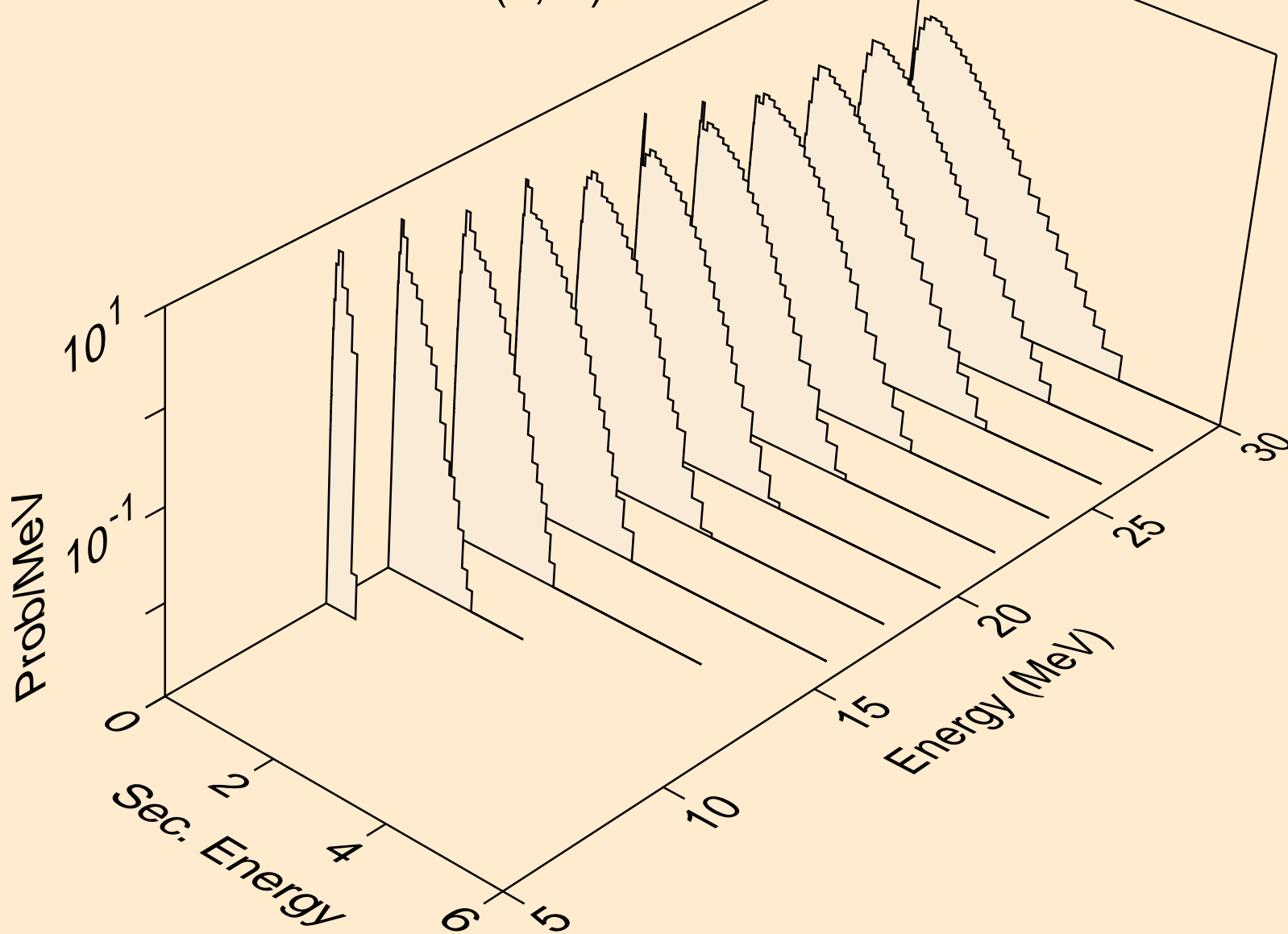
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



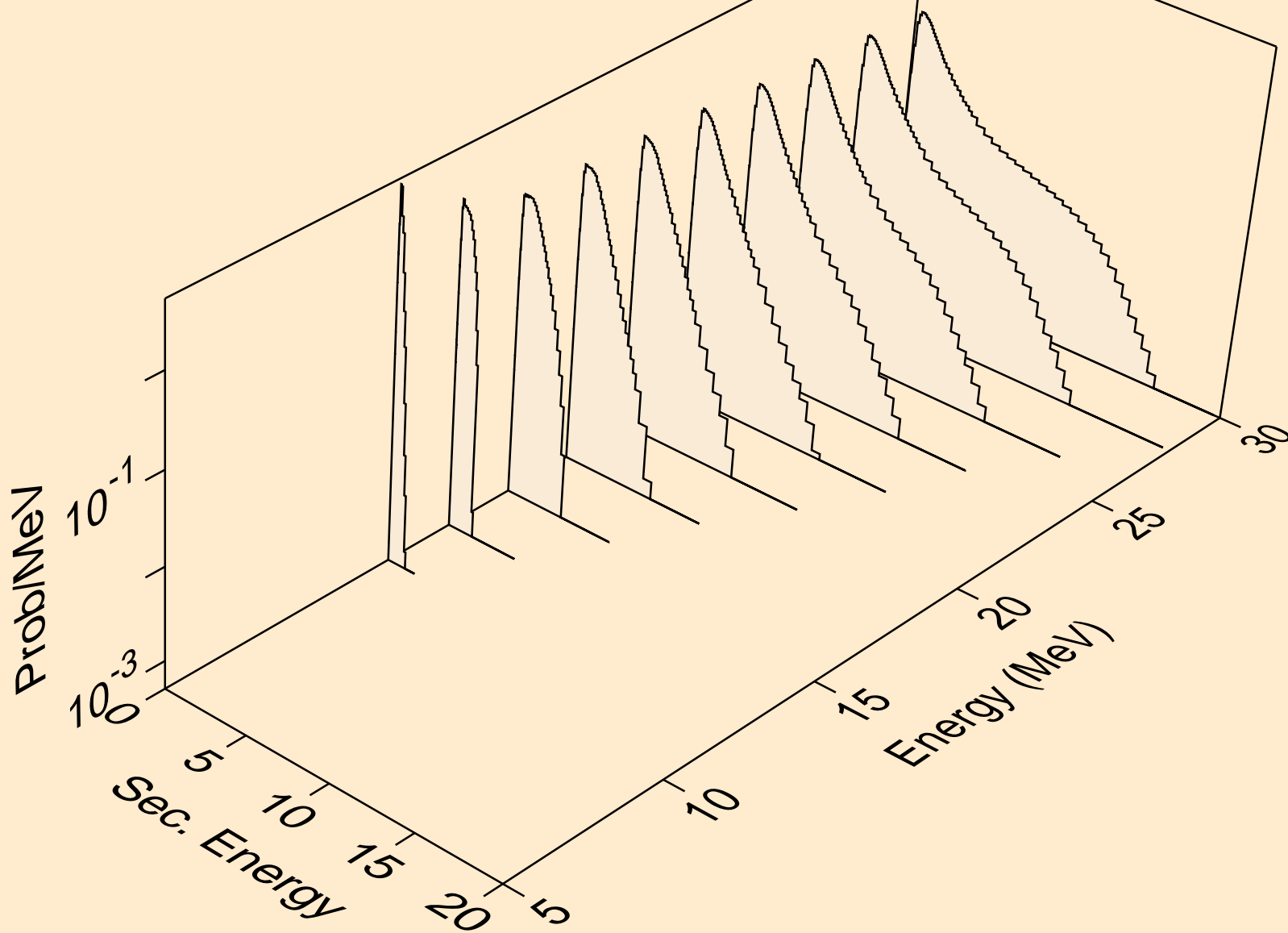
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



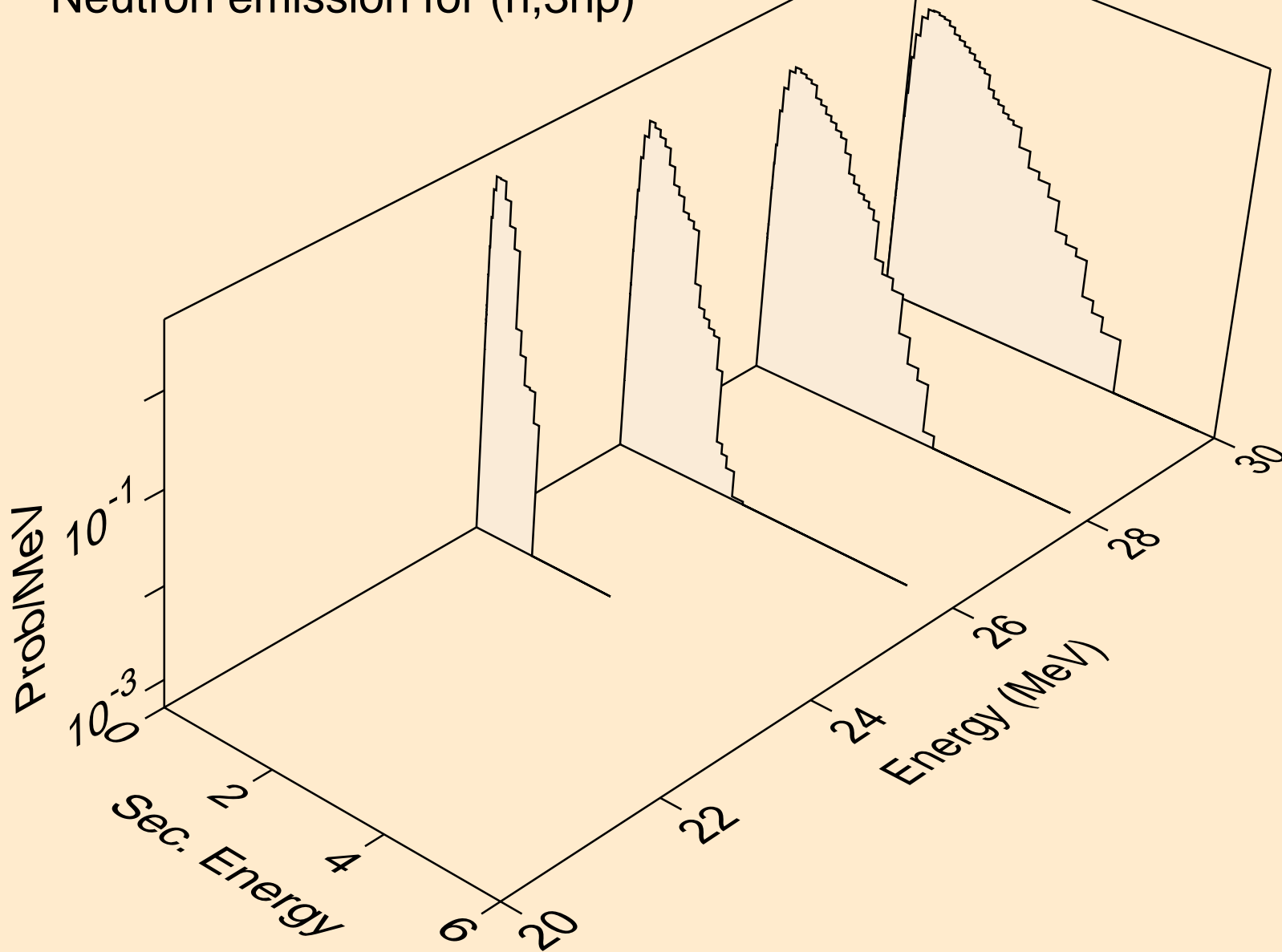
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



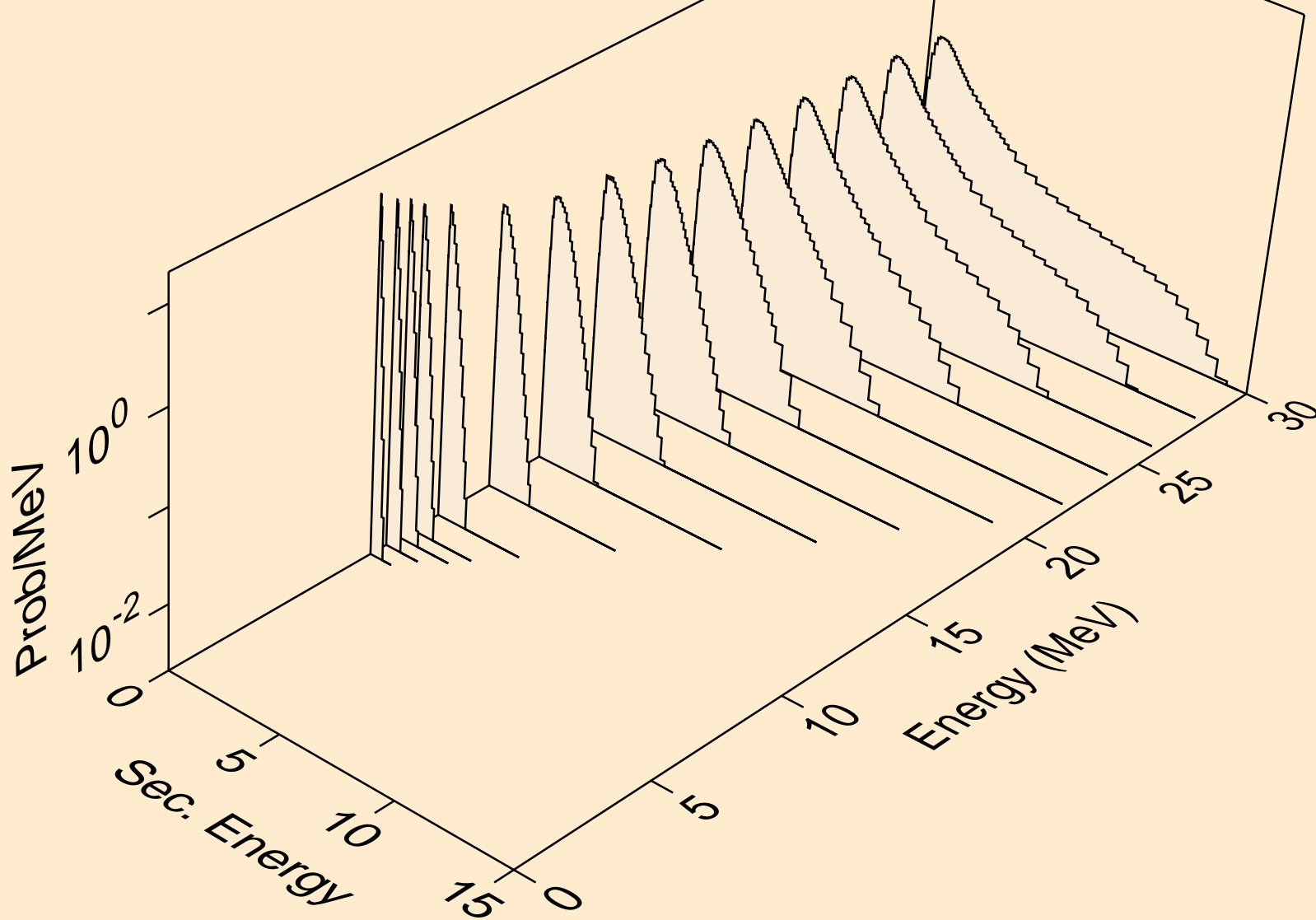
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

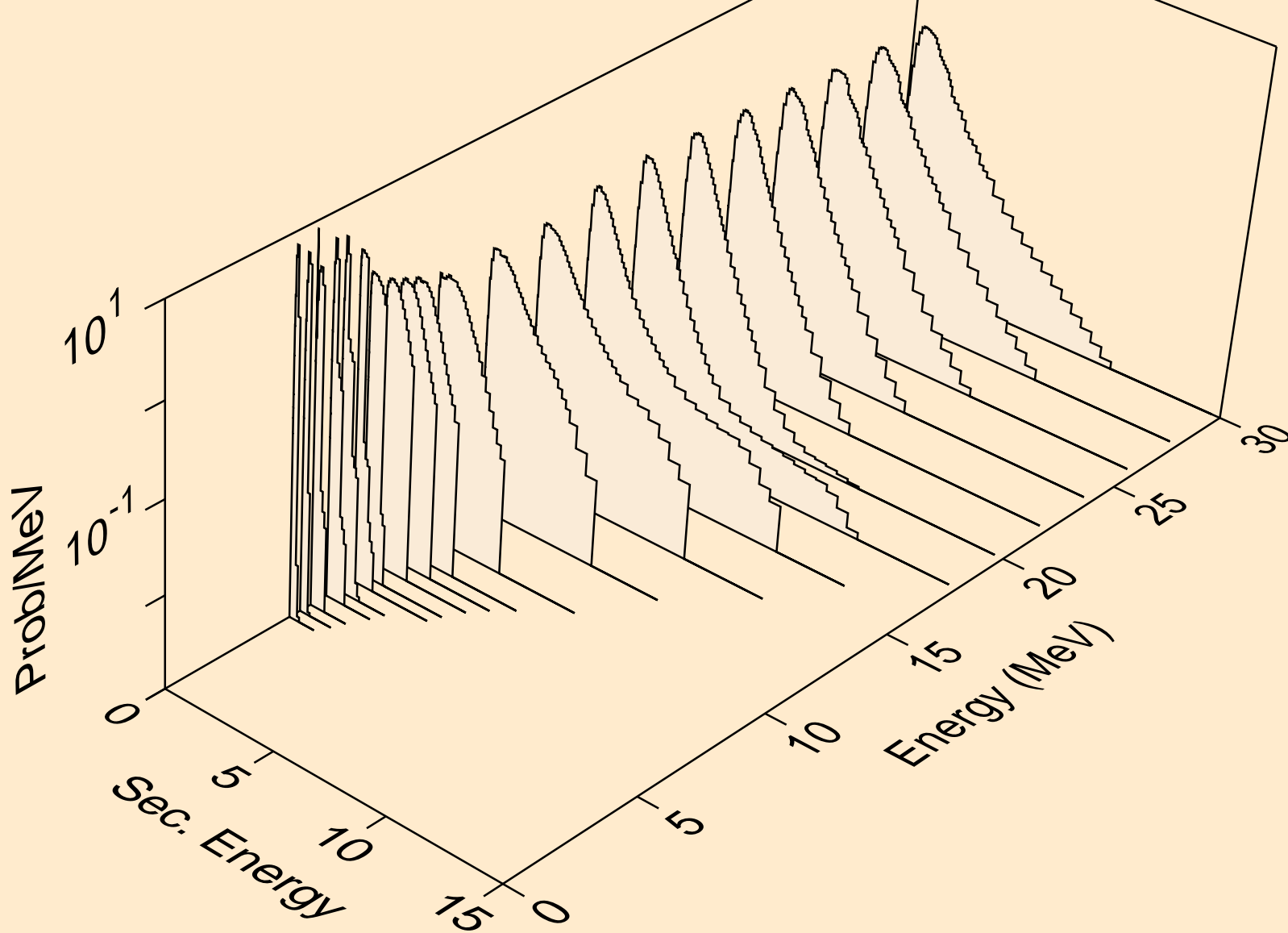


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

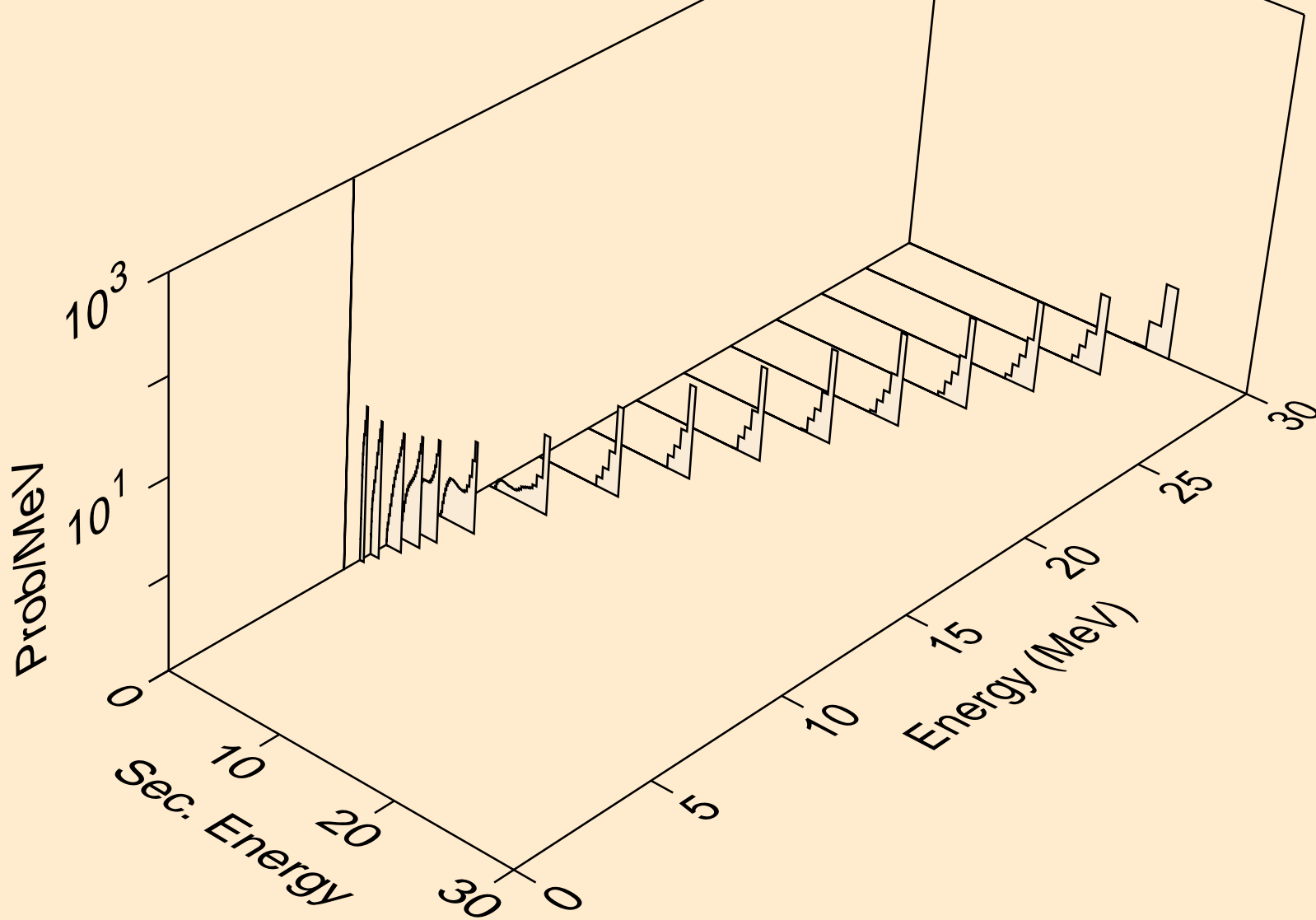




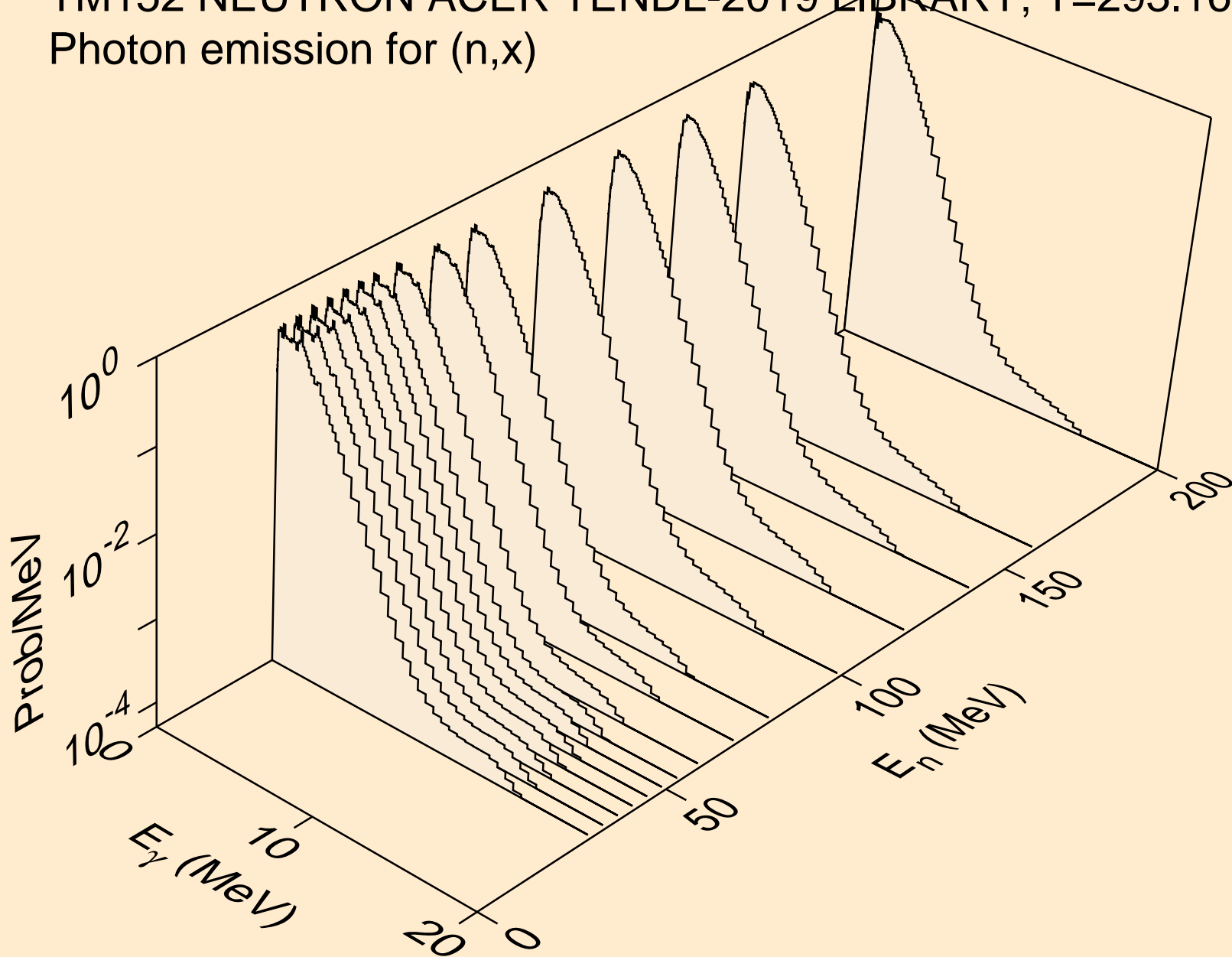
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



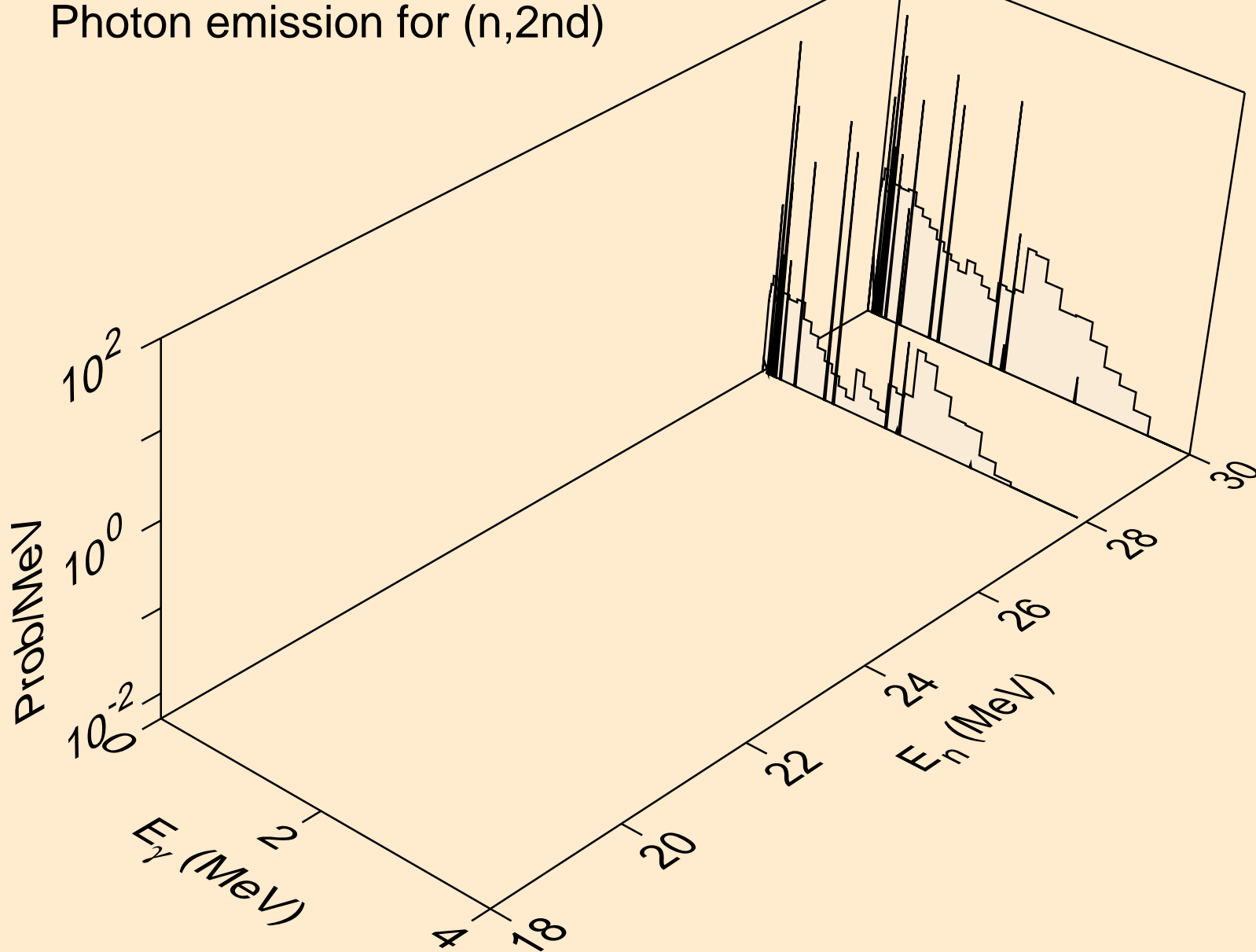
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



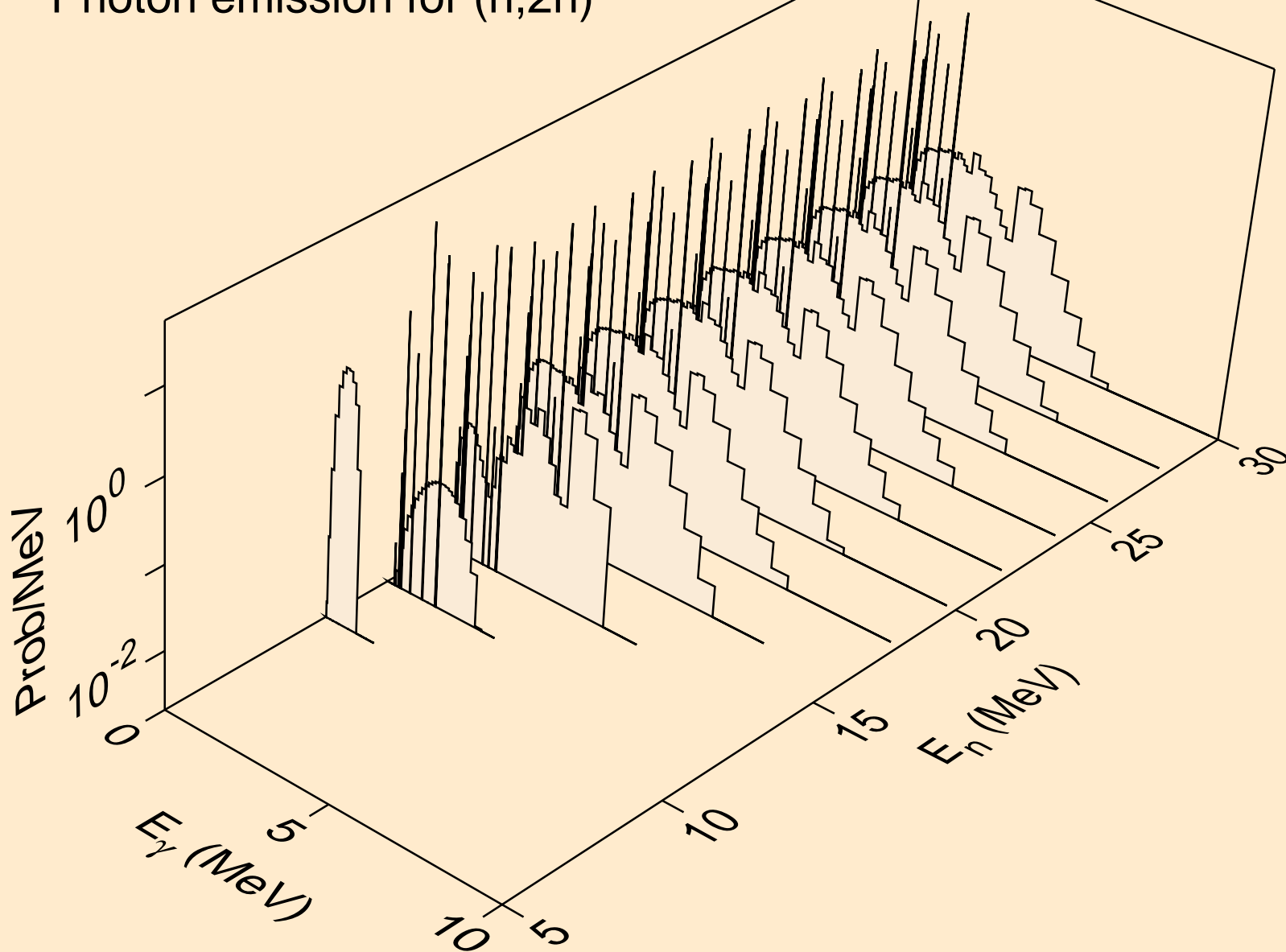
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



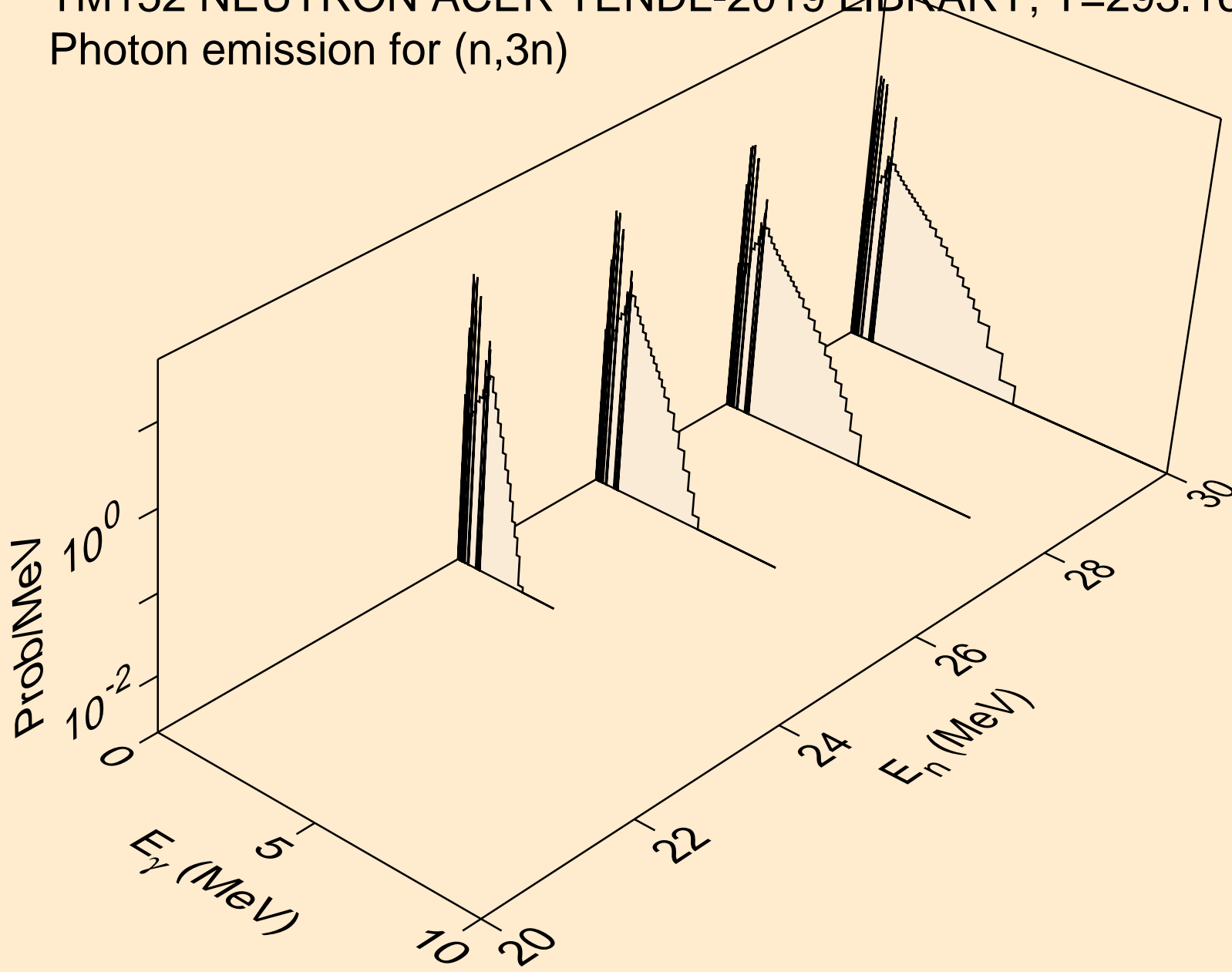
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



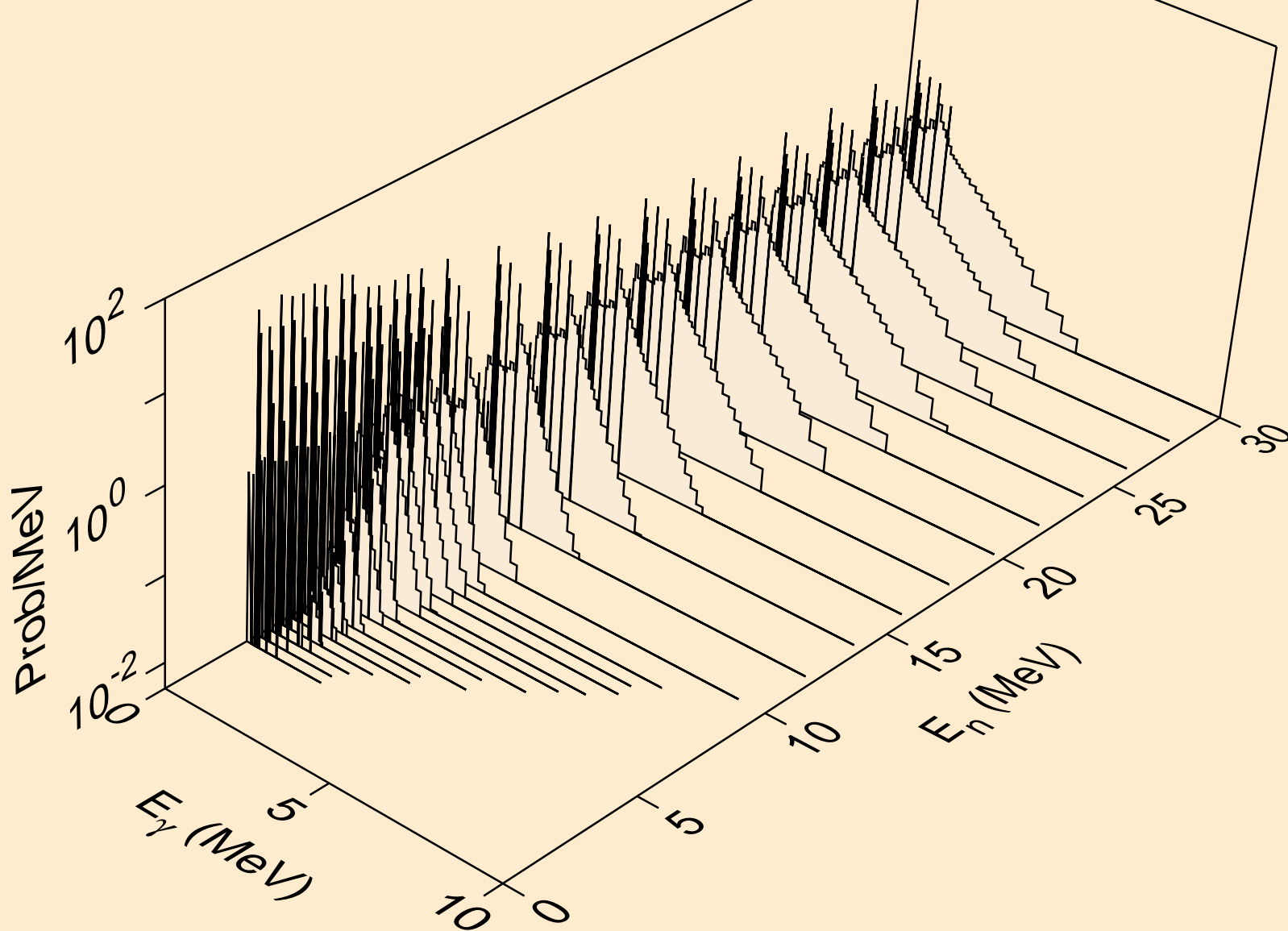
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



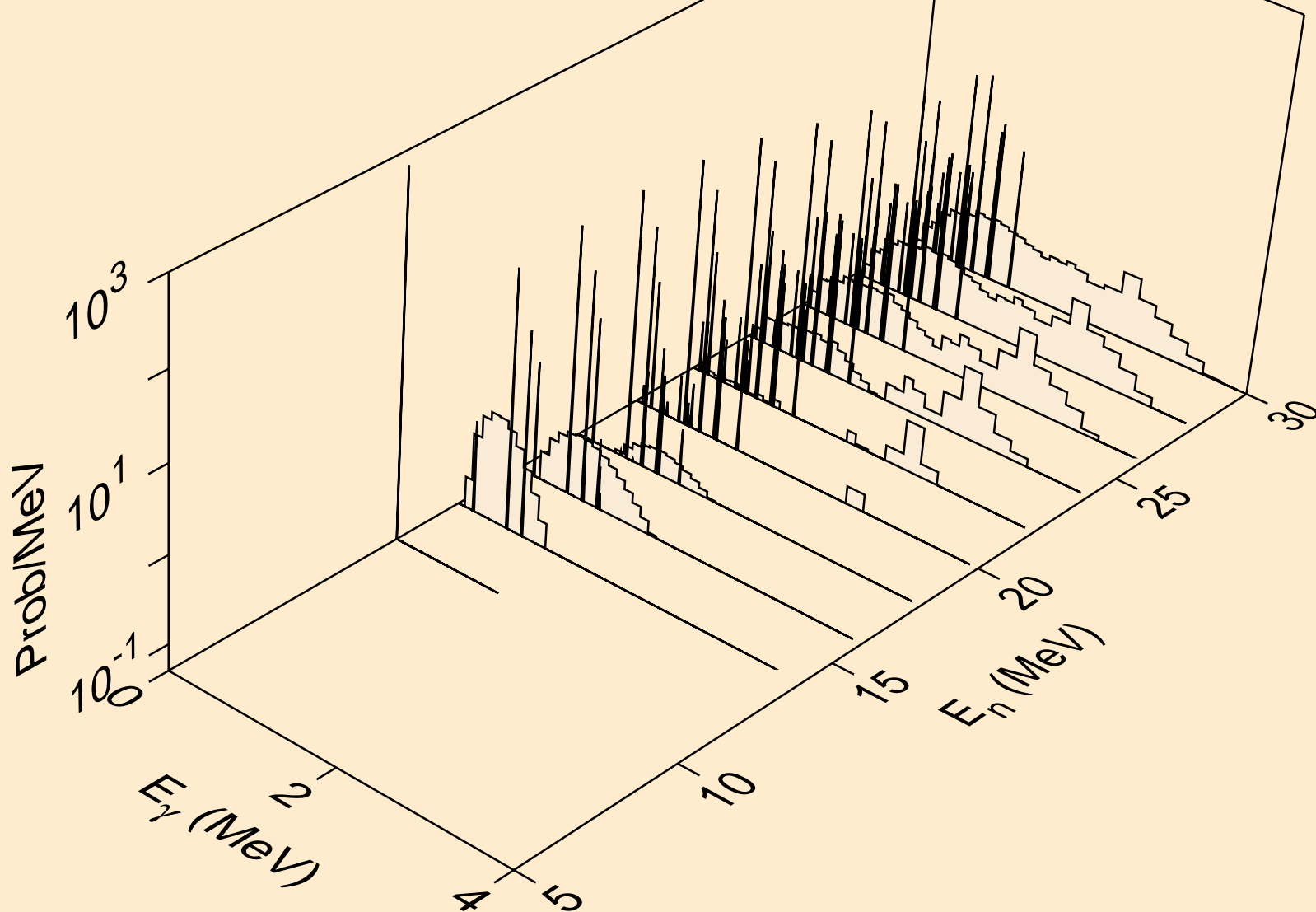
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

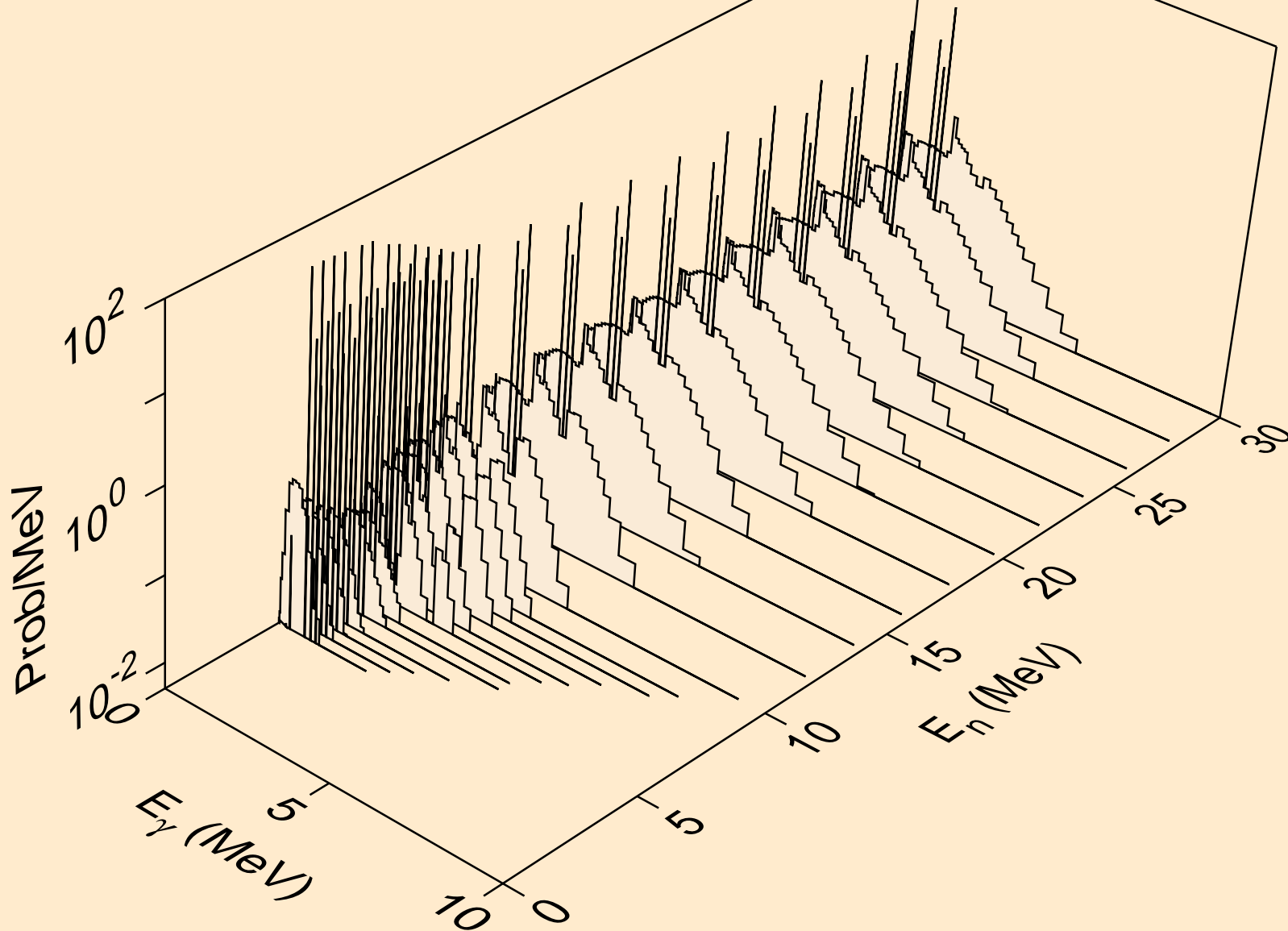


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a

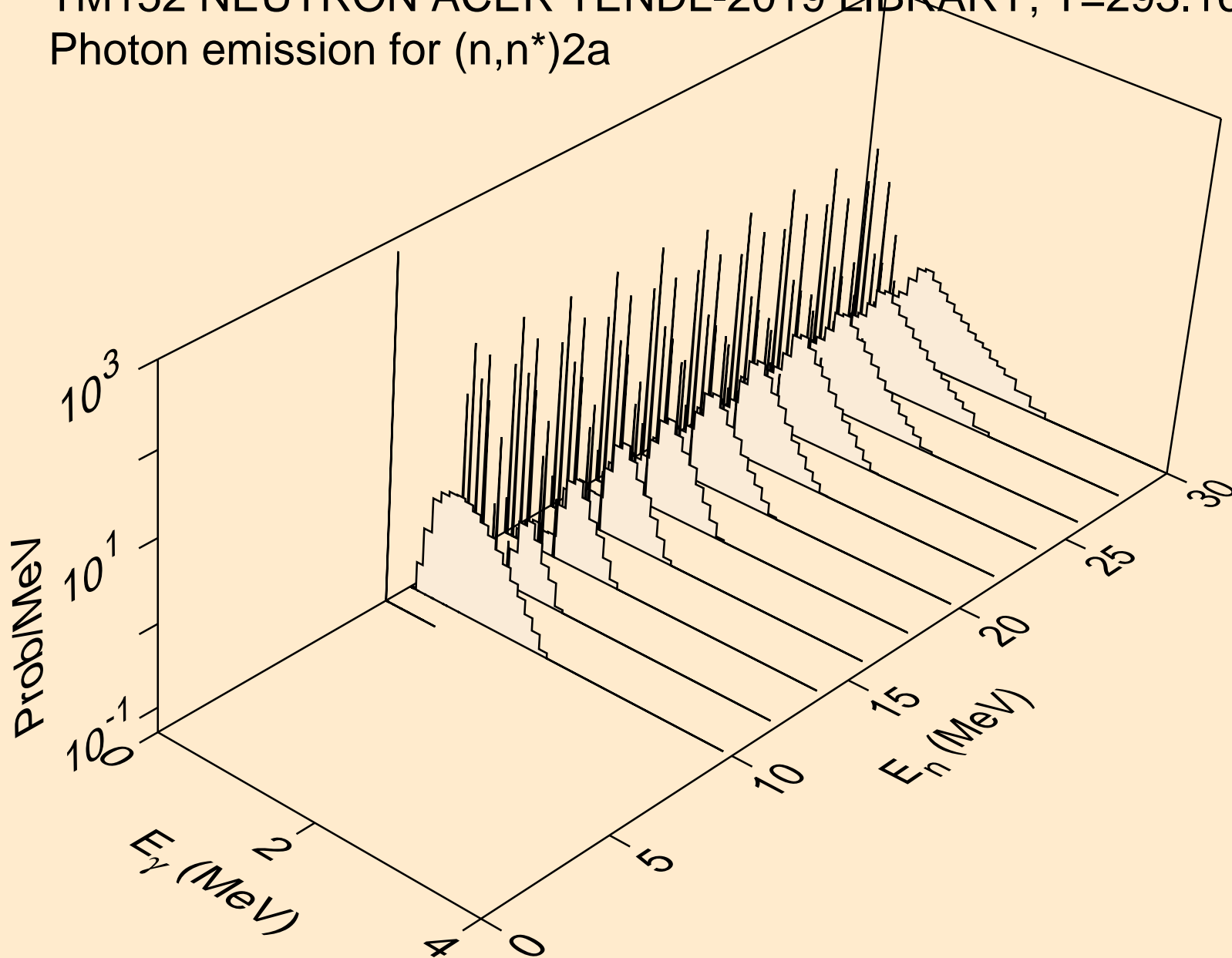




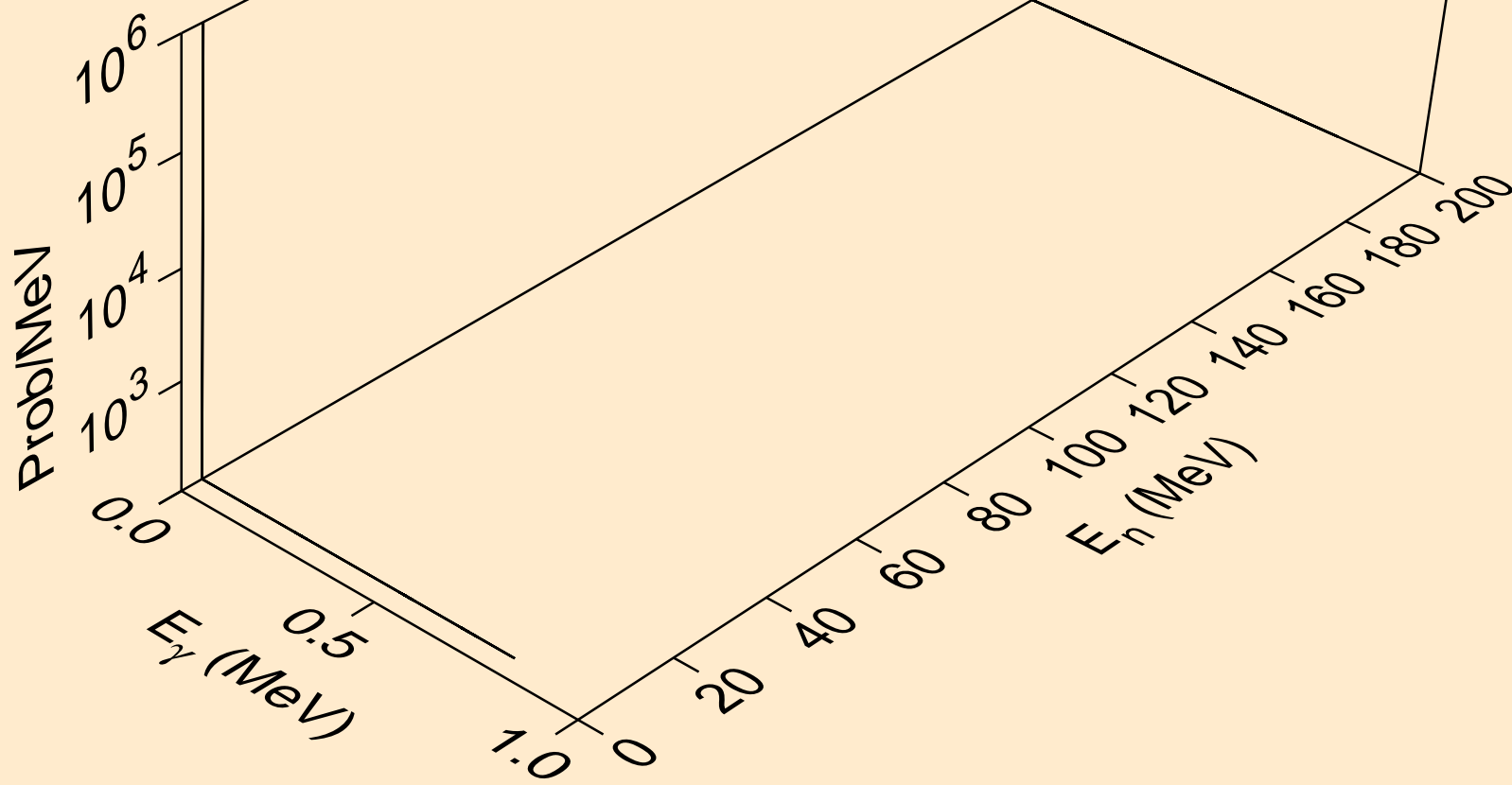
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



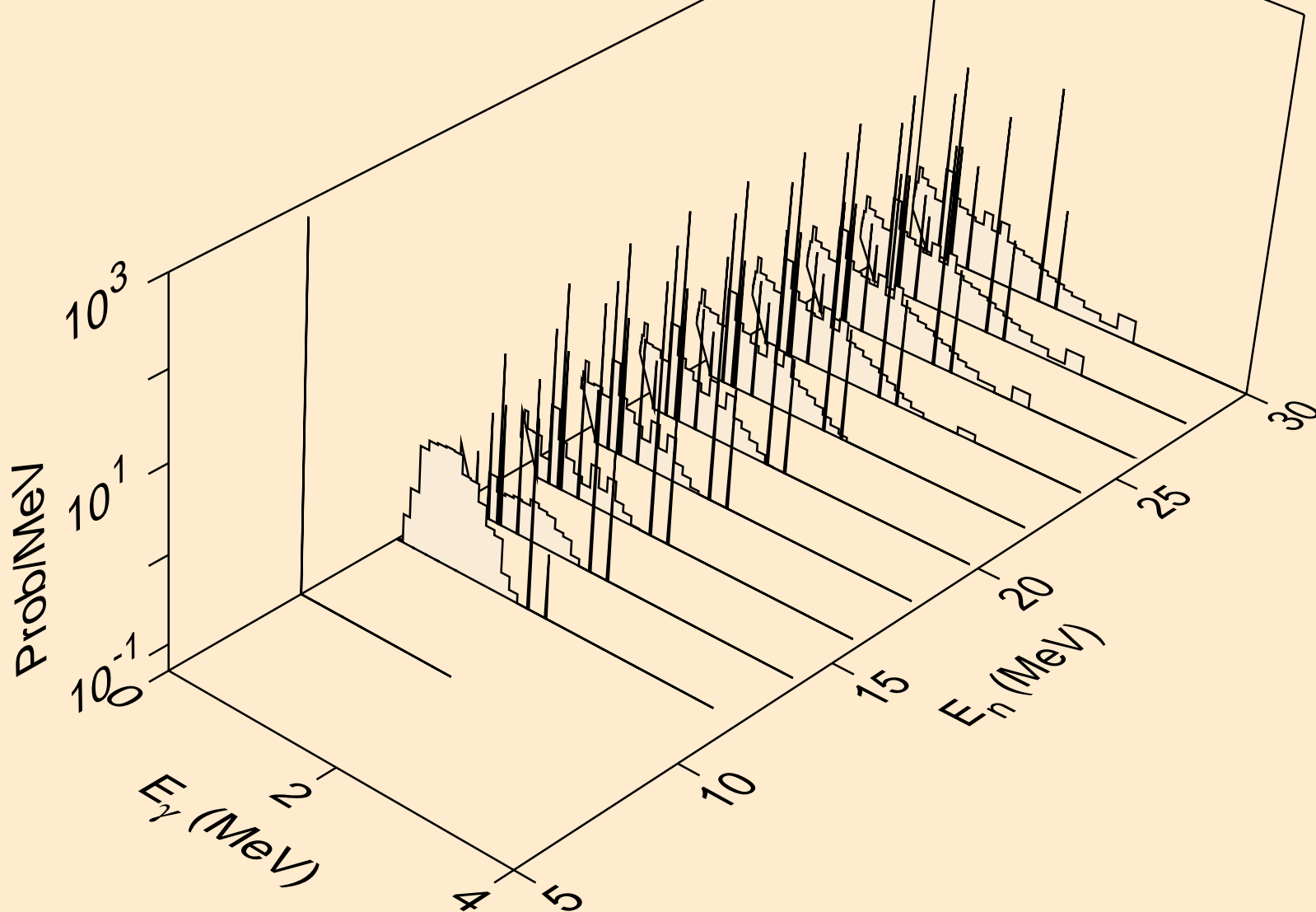
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



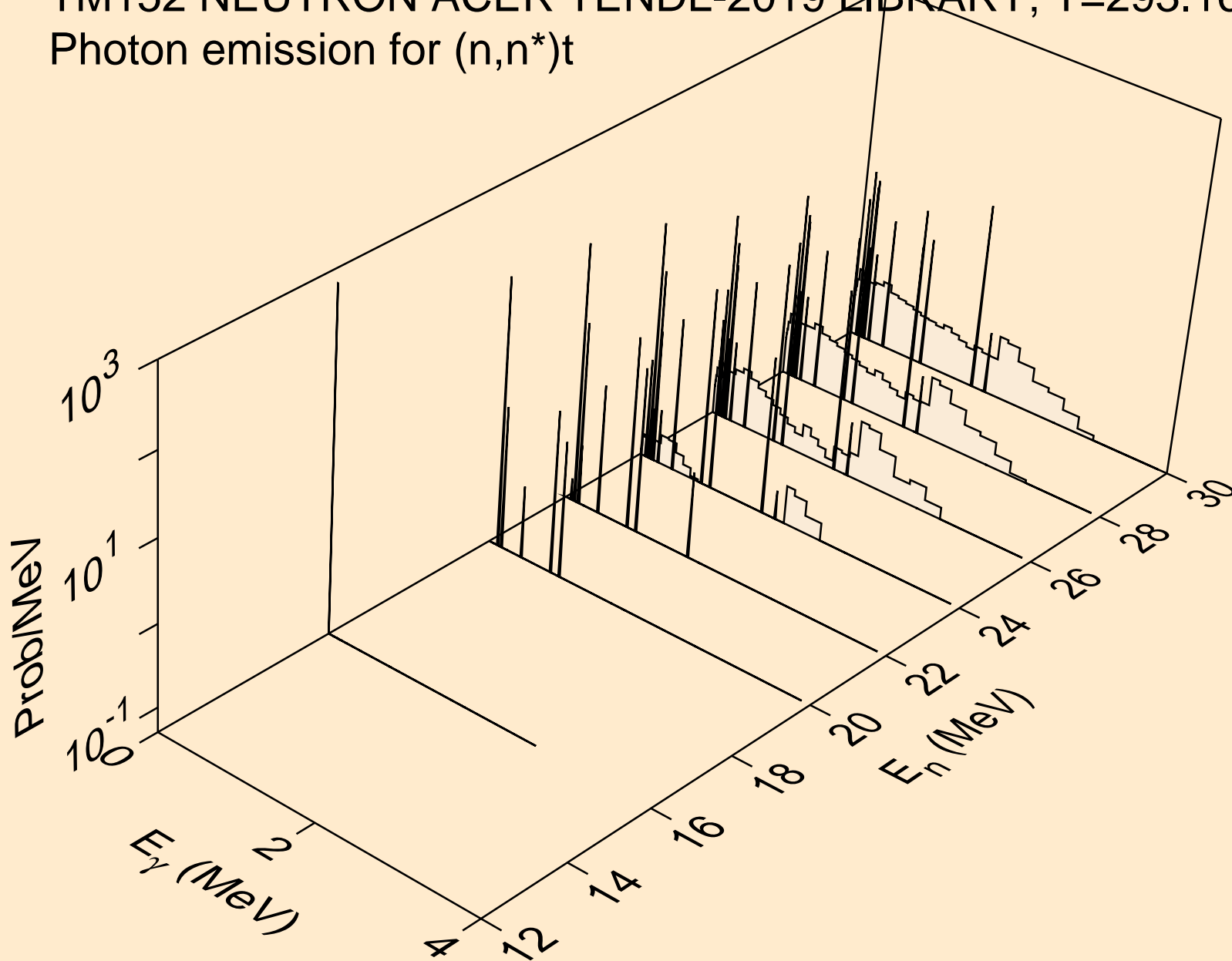
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



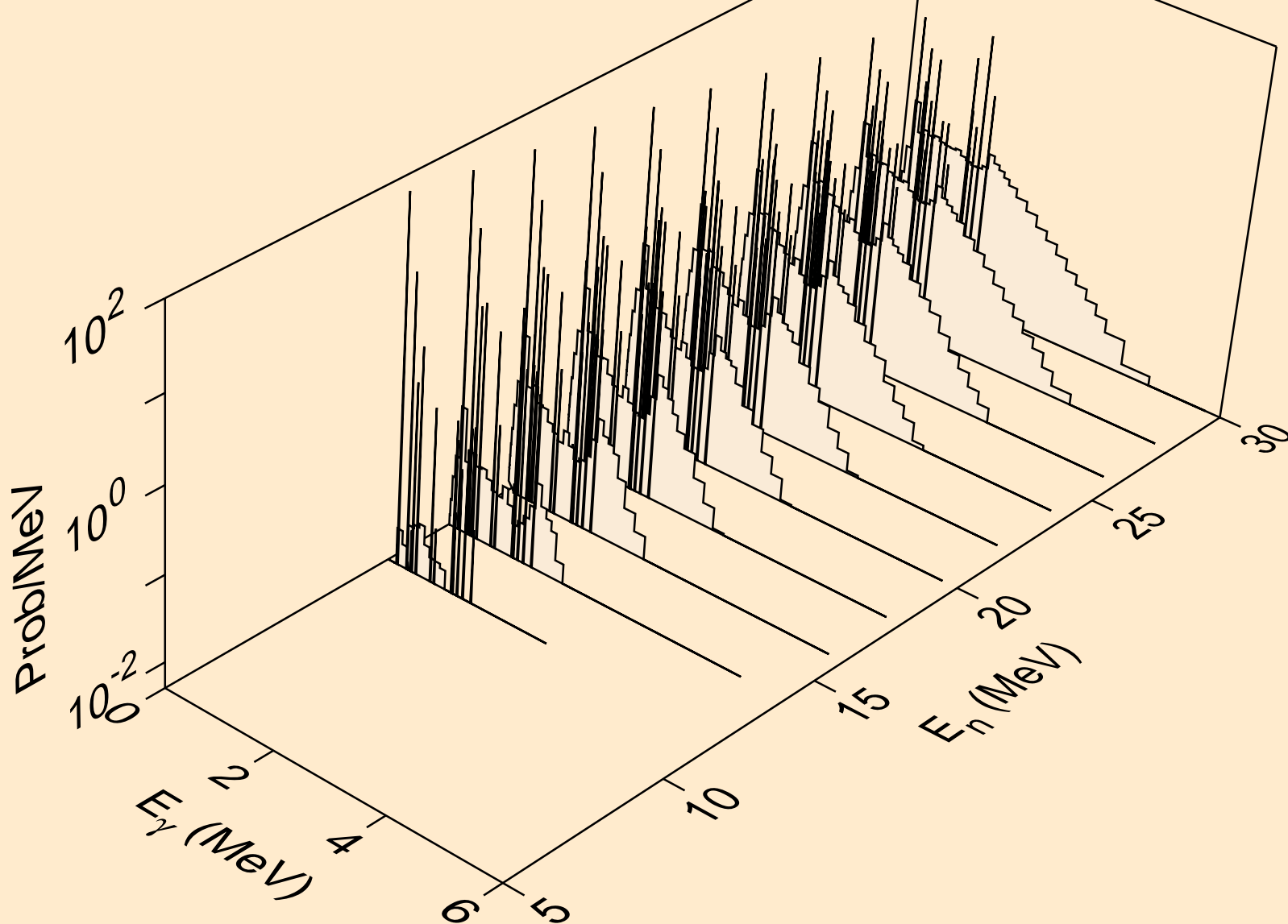
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



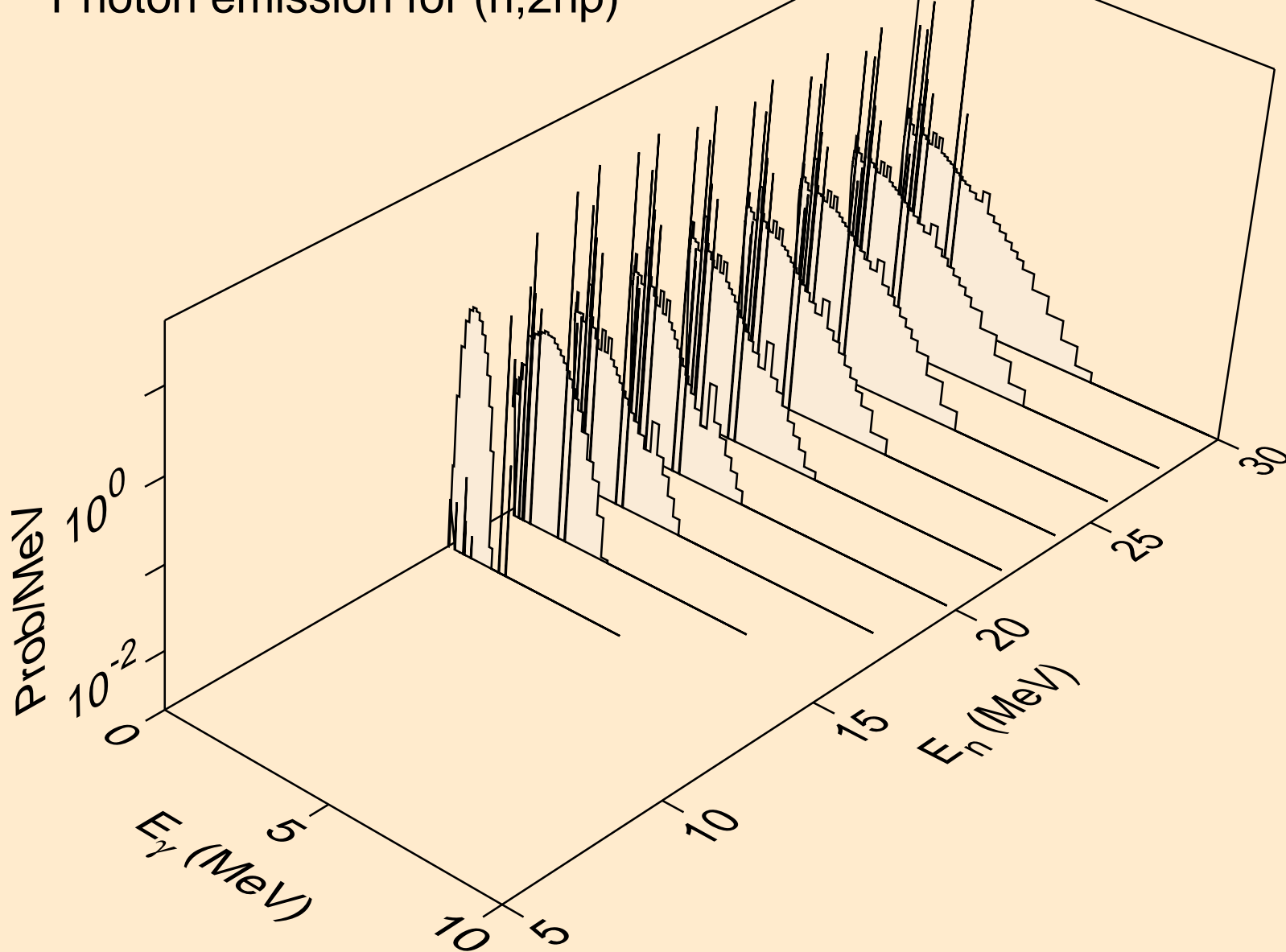
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



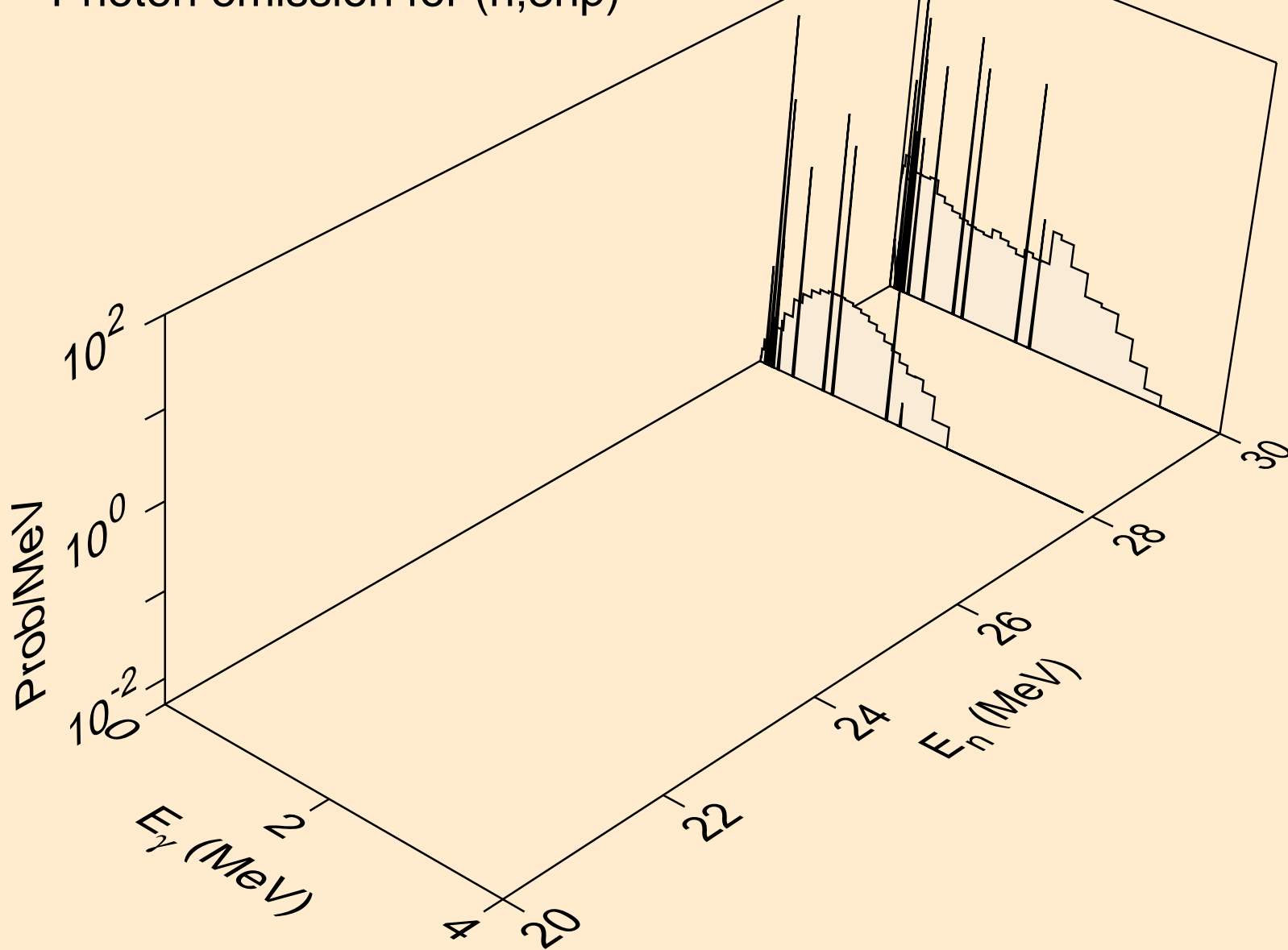
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

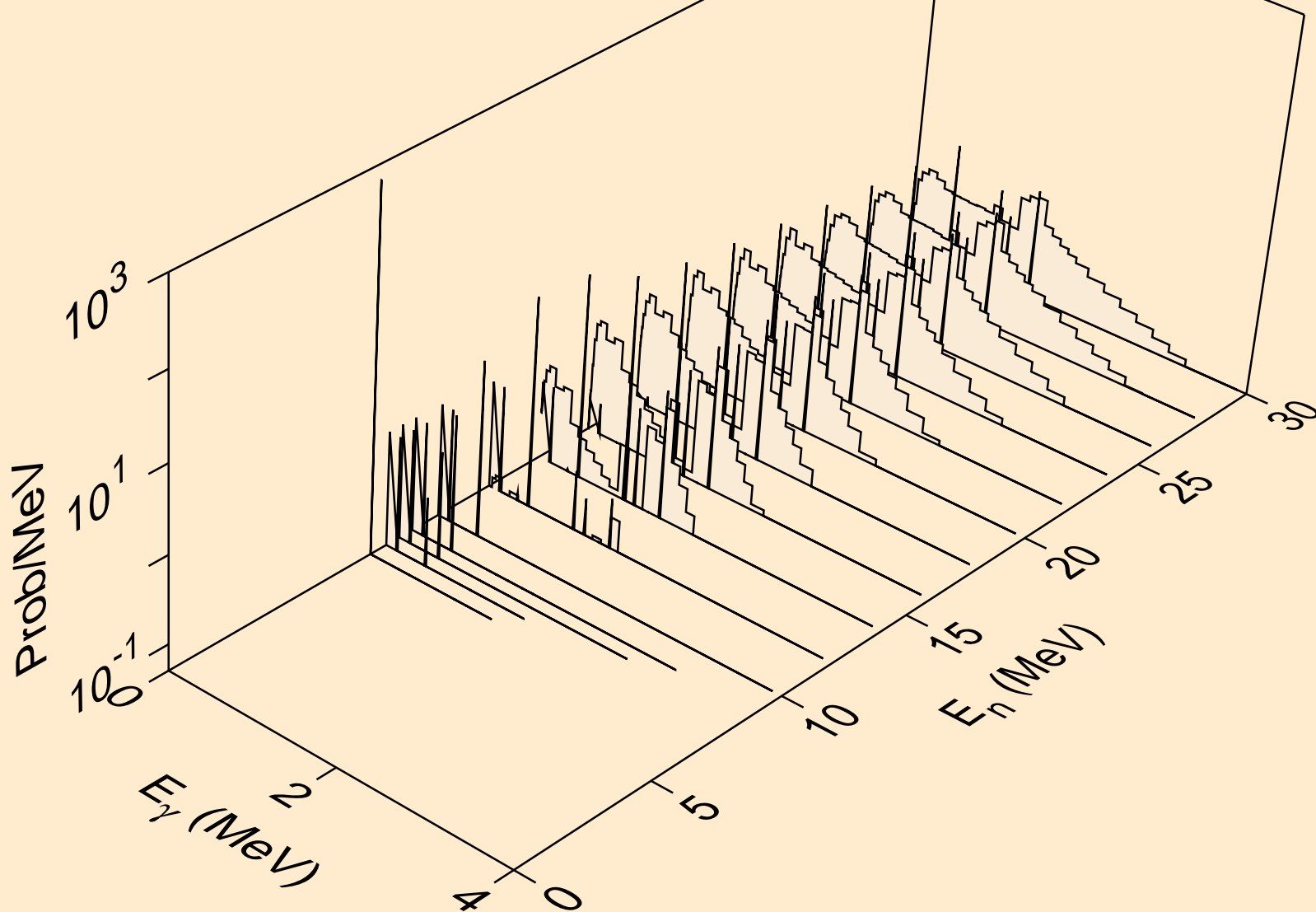


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

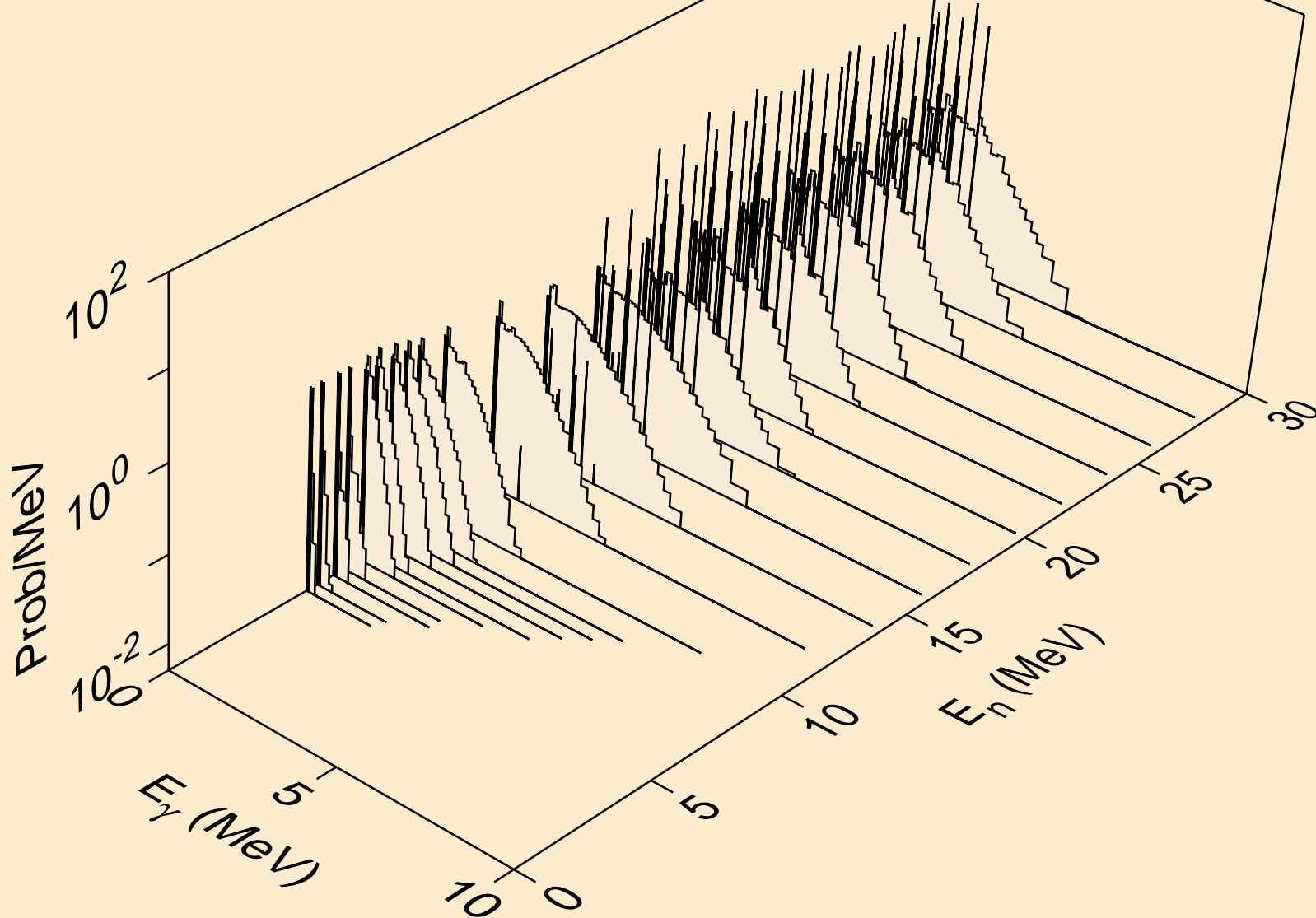




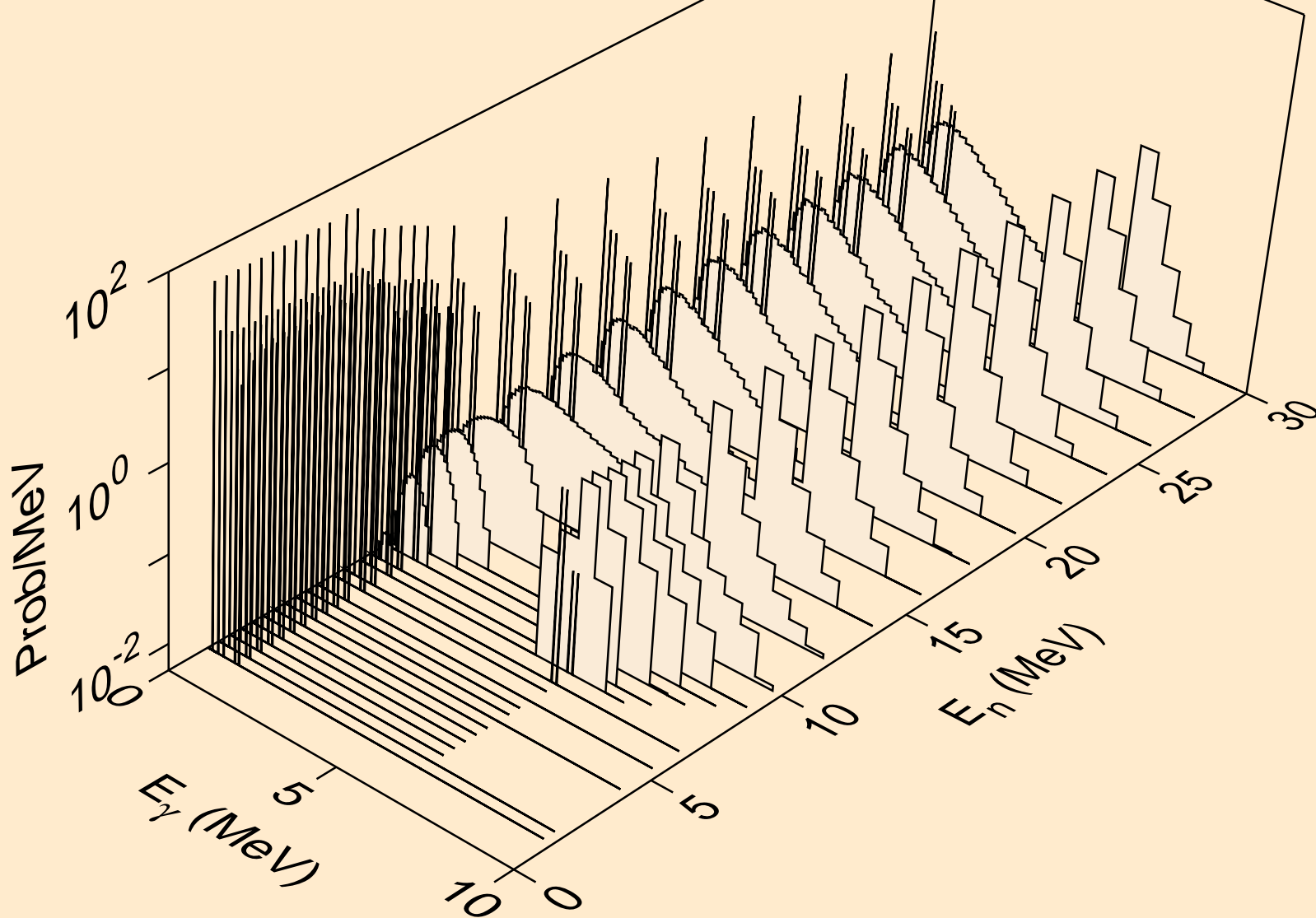
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



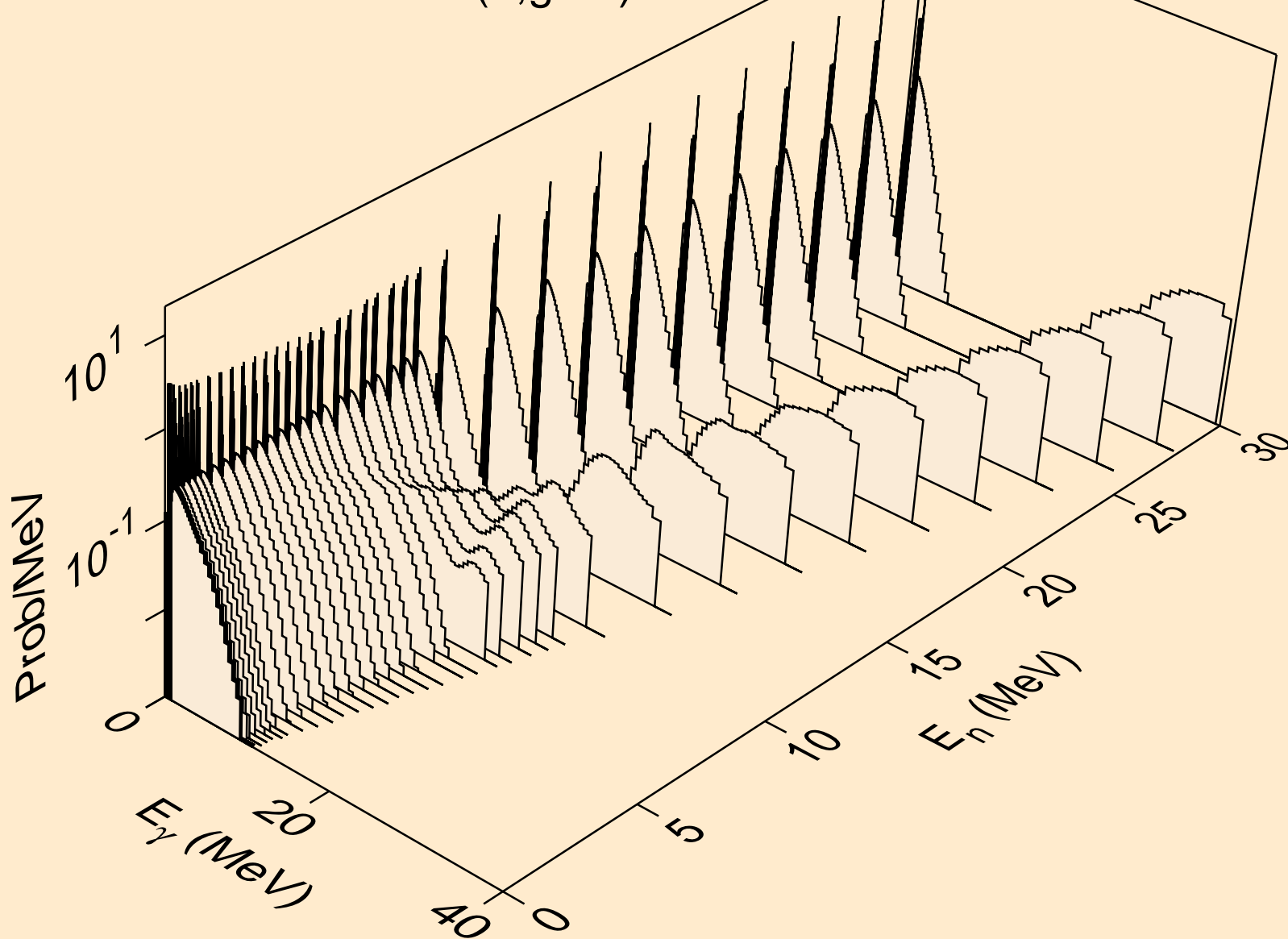
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



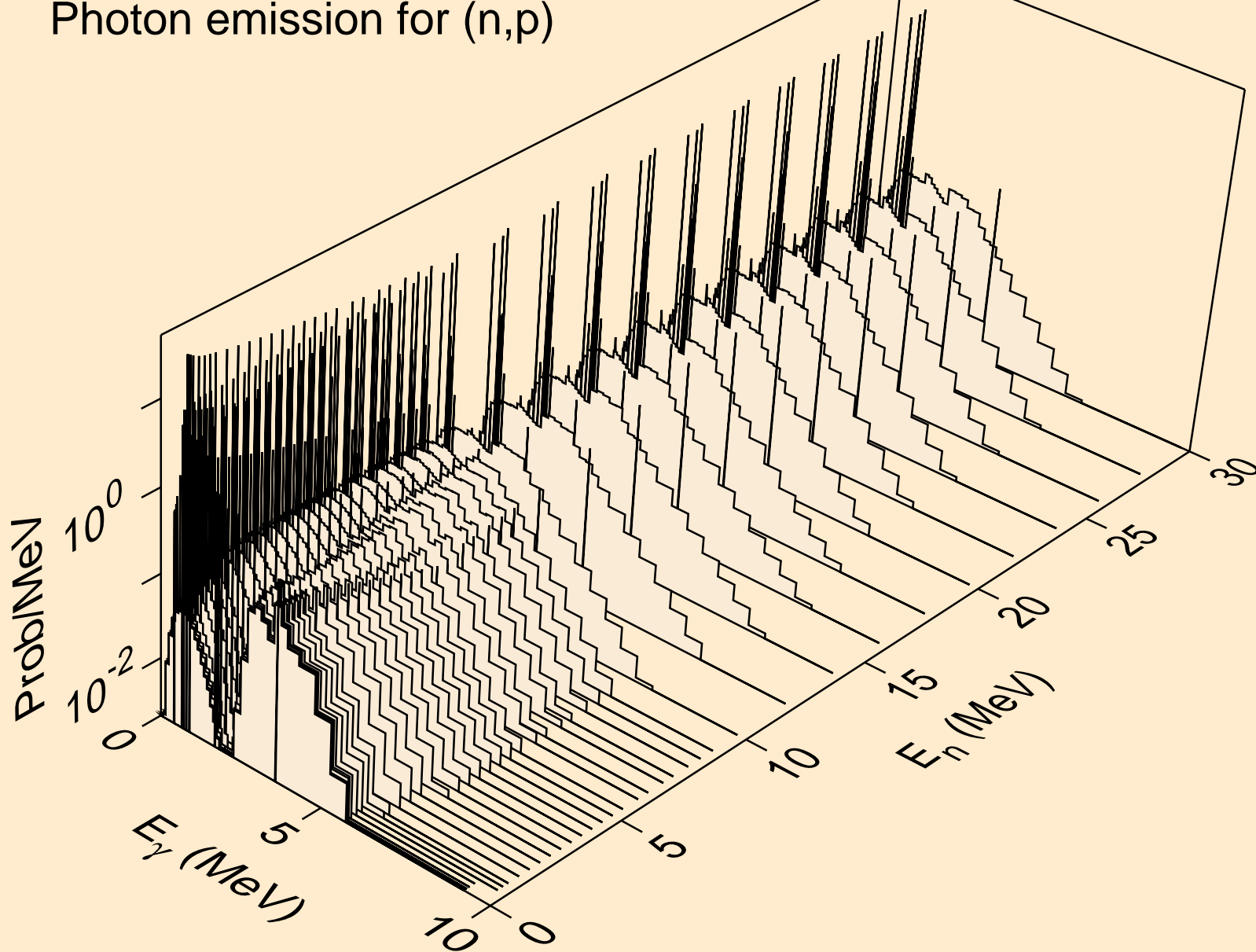
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



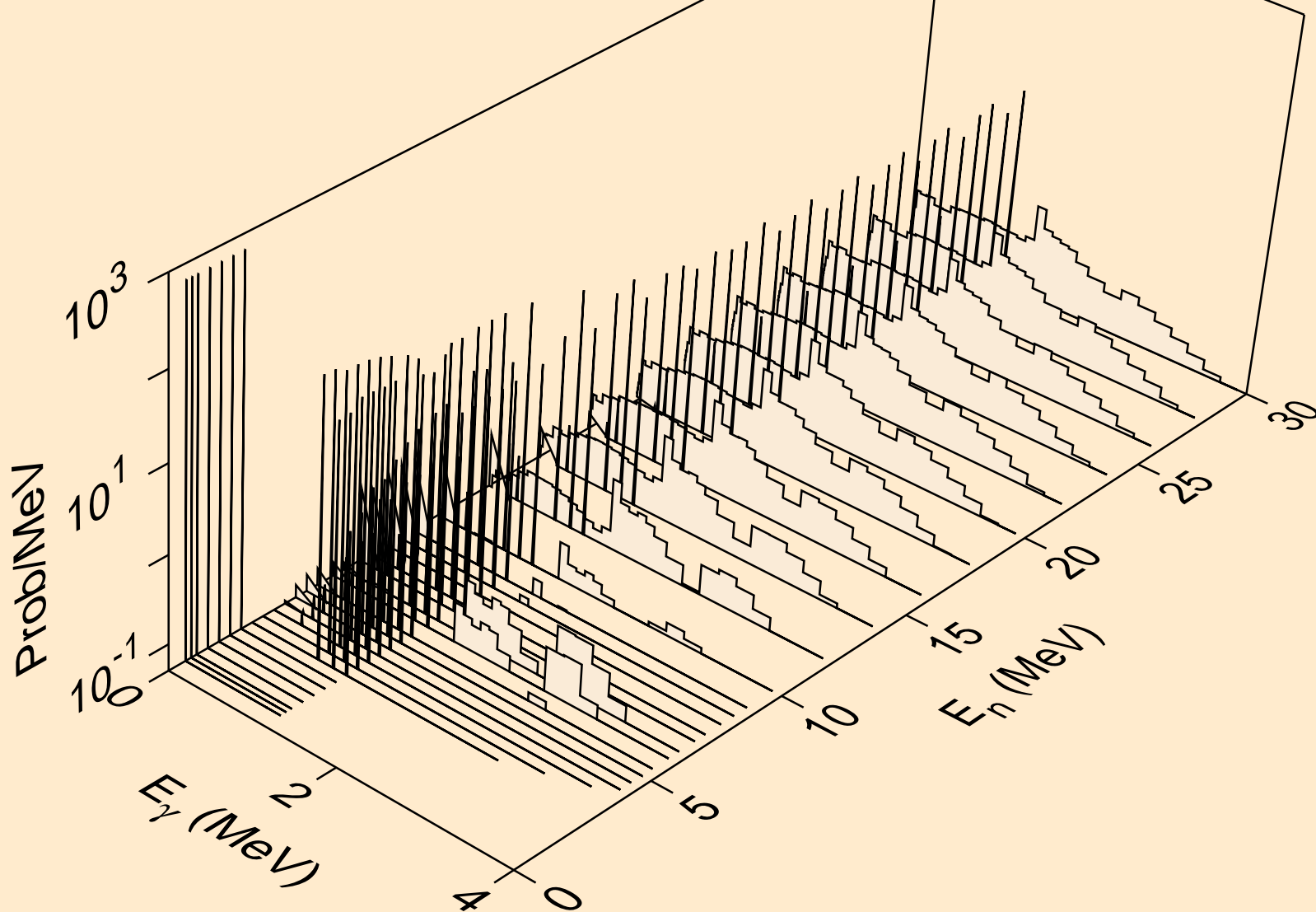
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



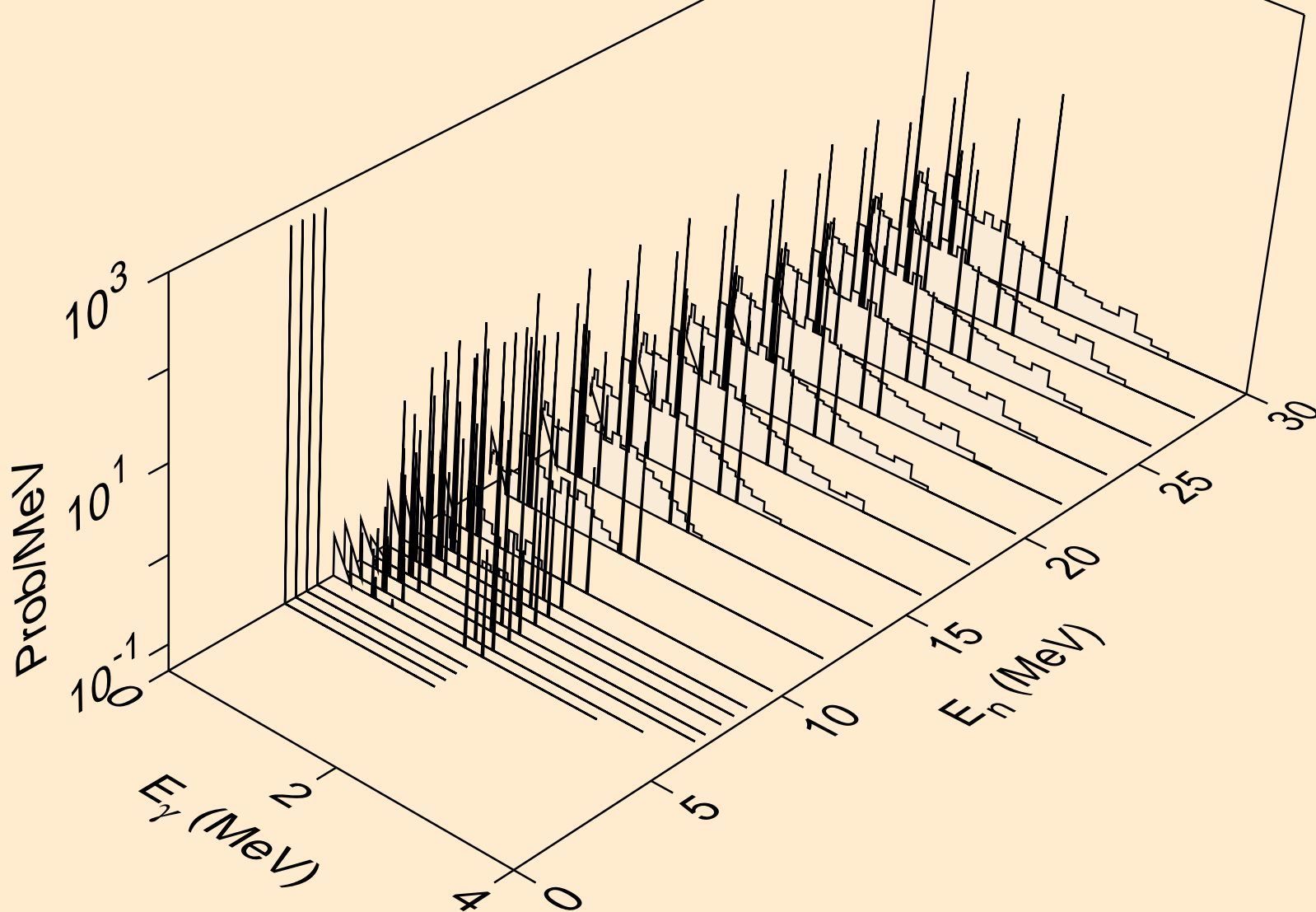
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



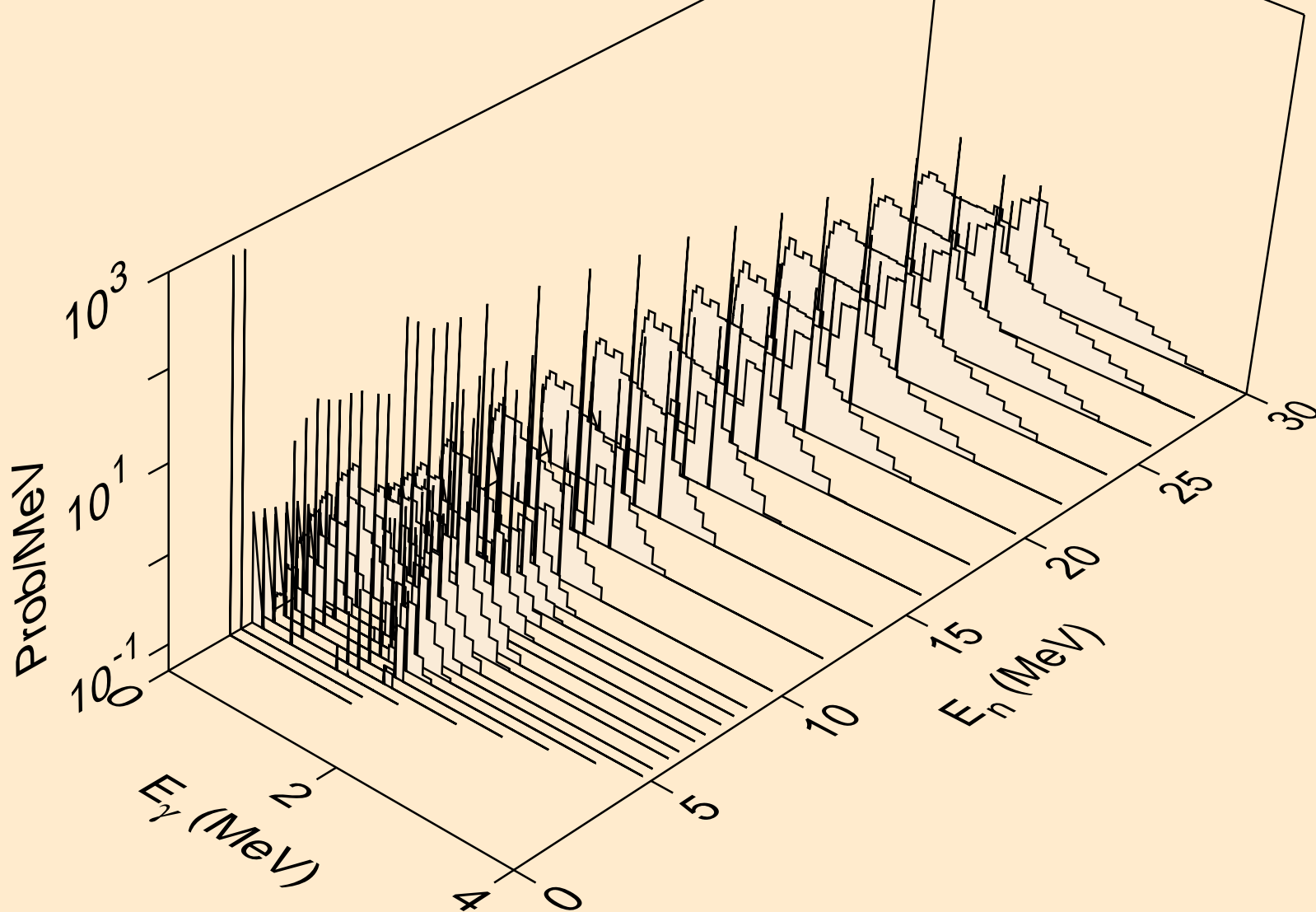
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

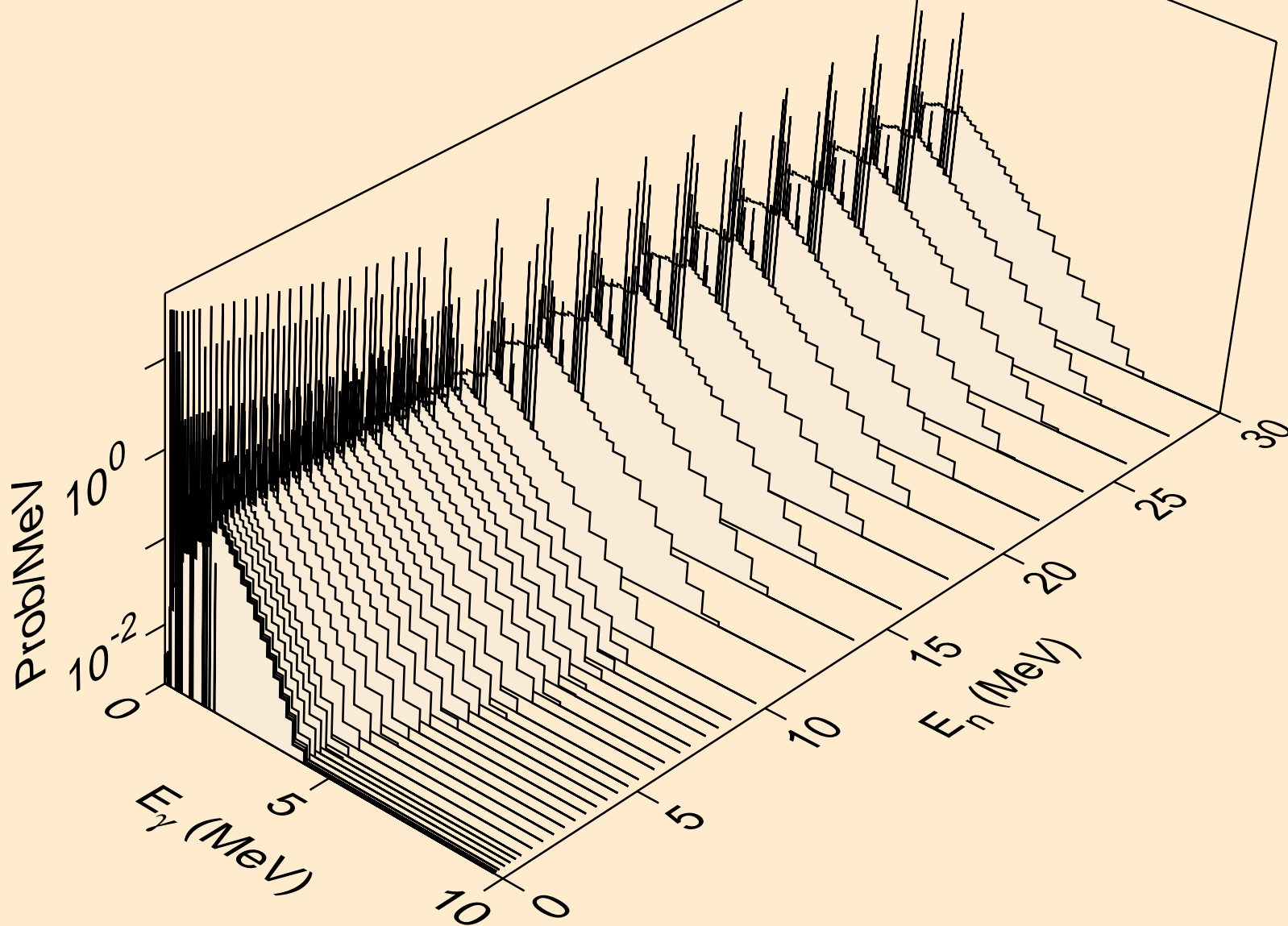


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

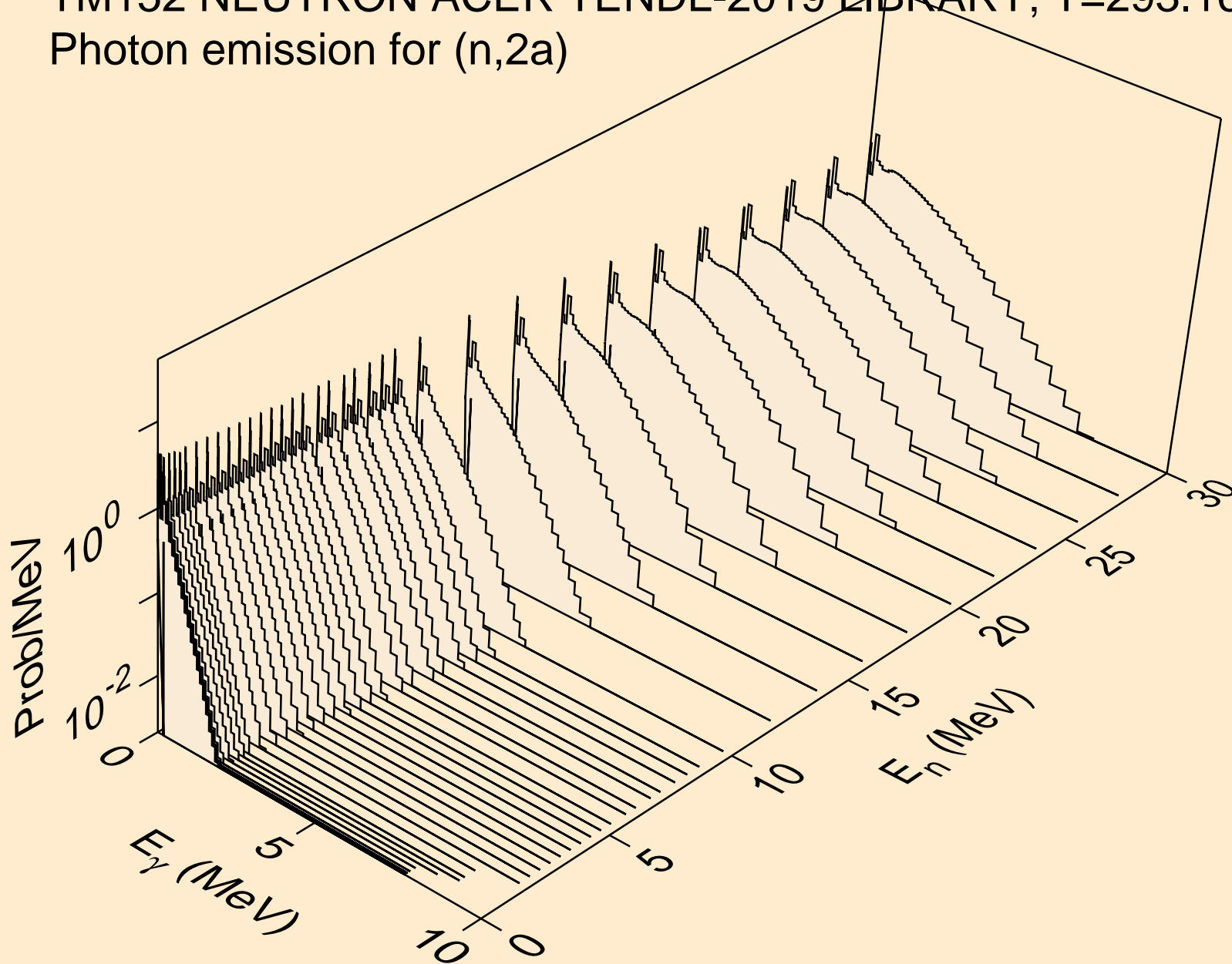




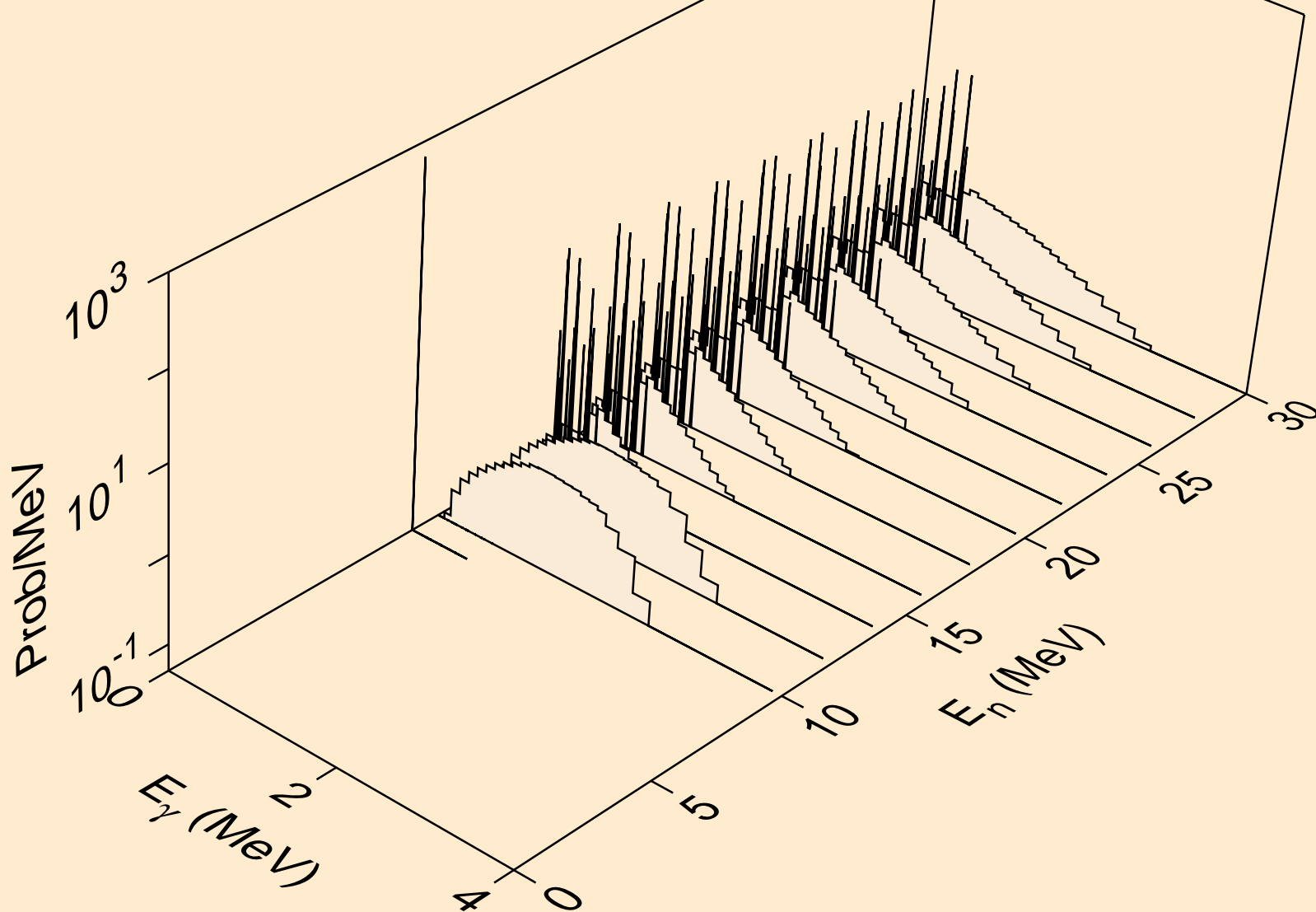
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



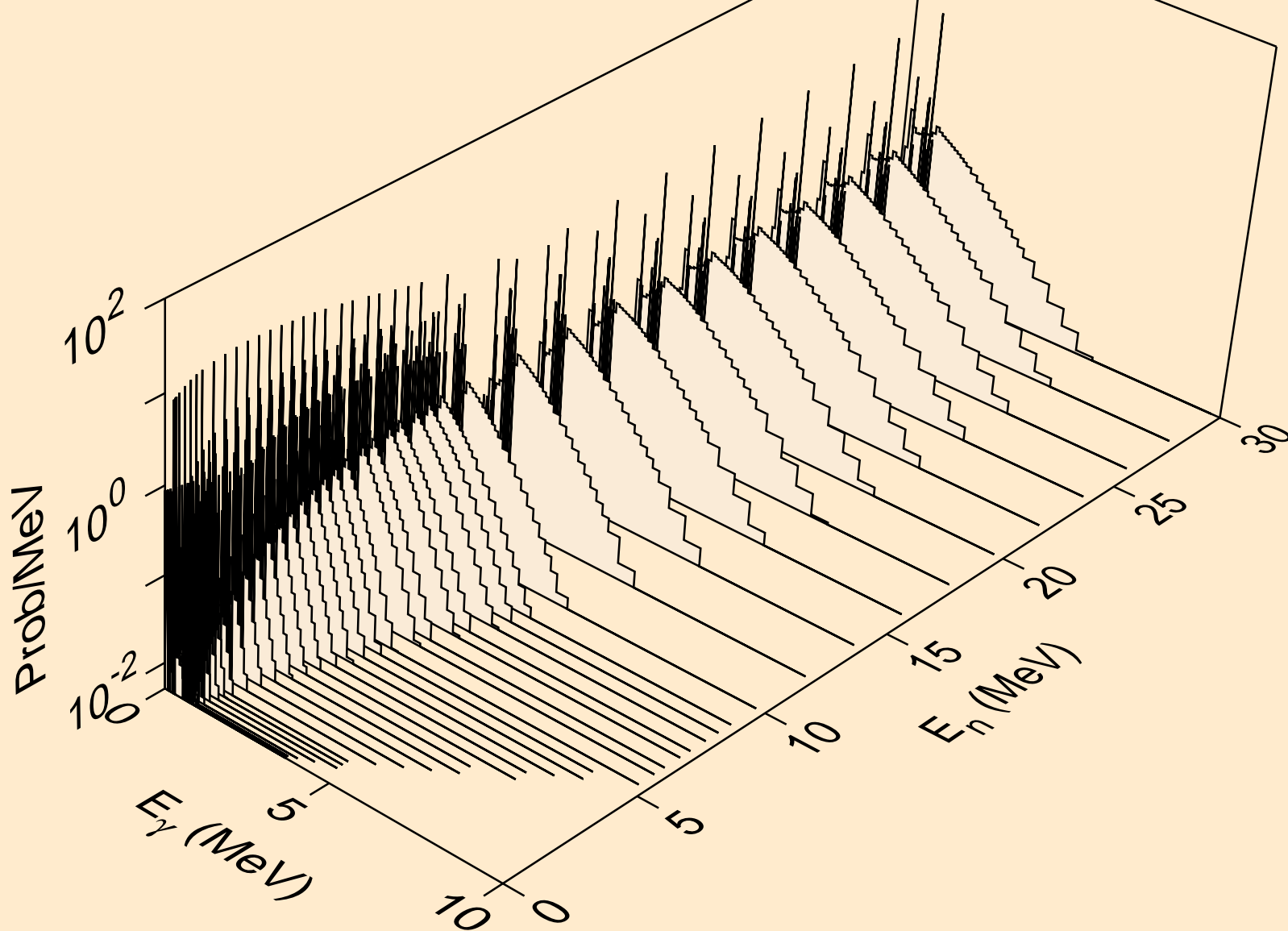
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



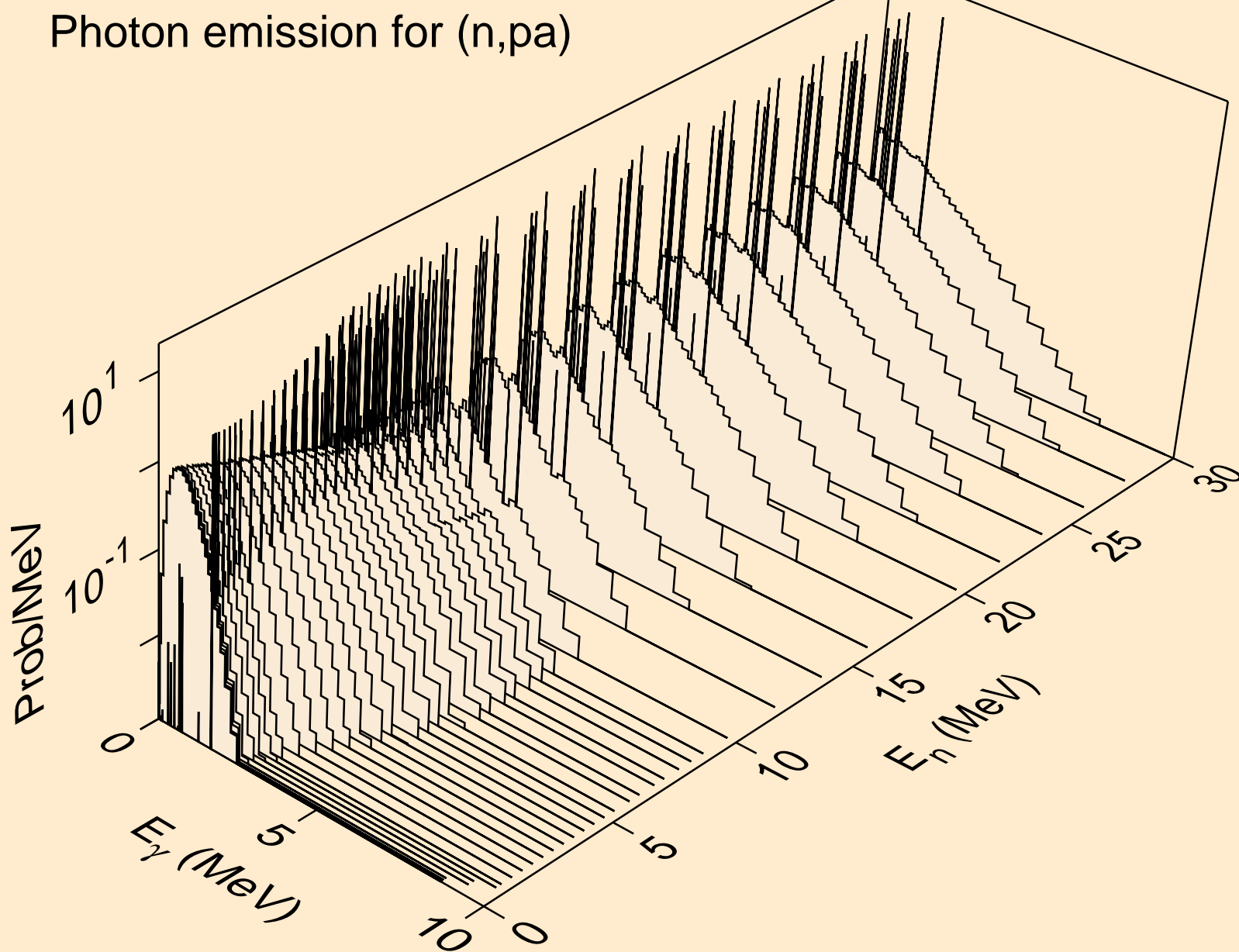
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)



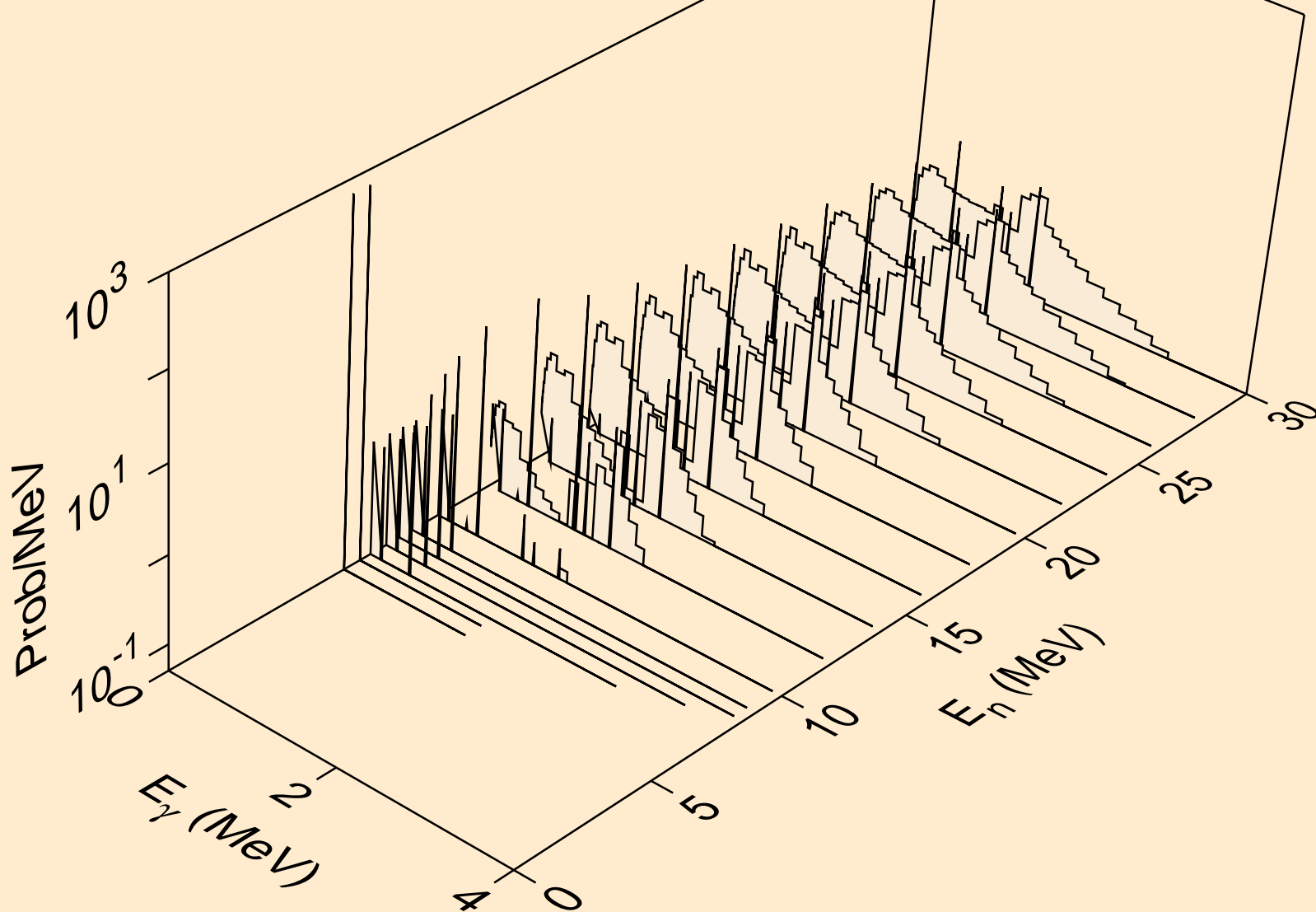
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



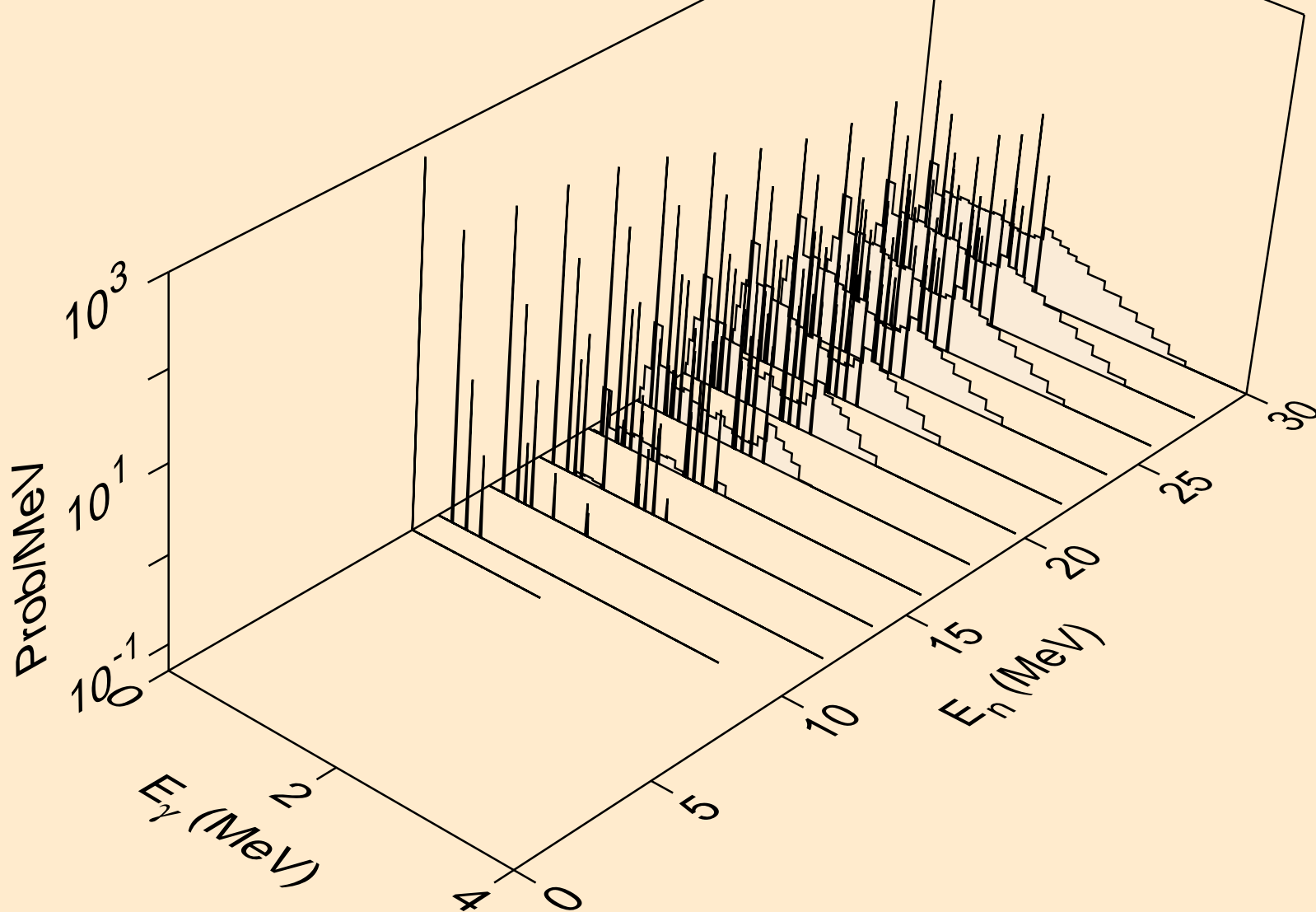
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



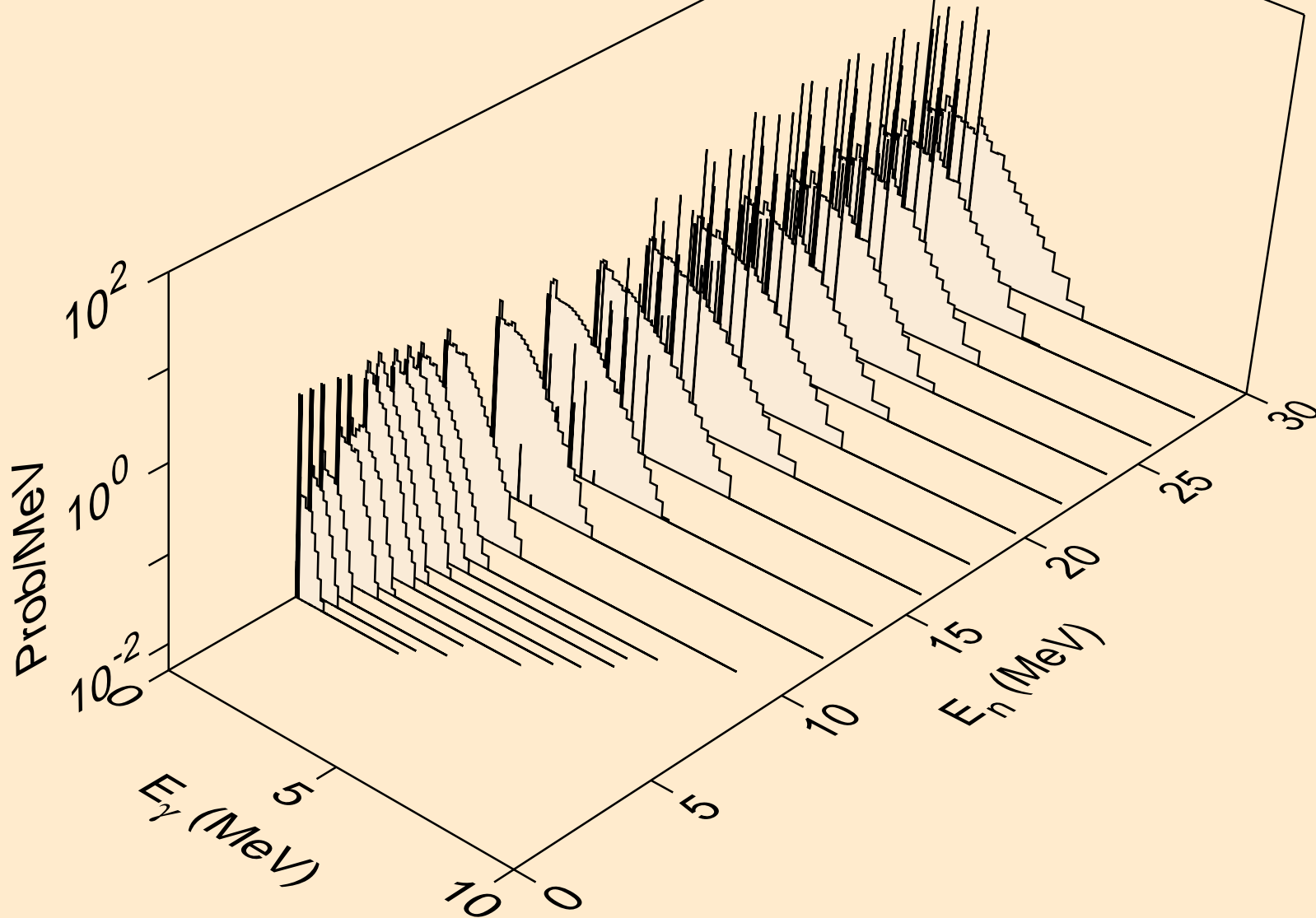
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)

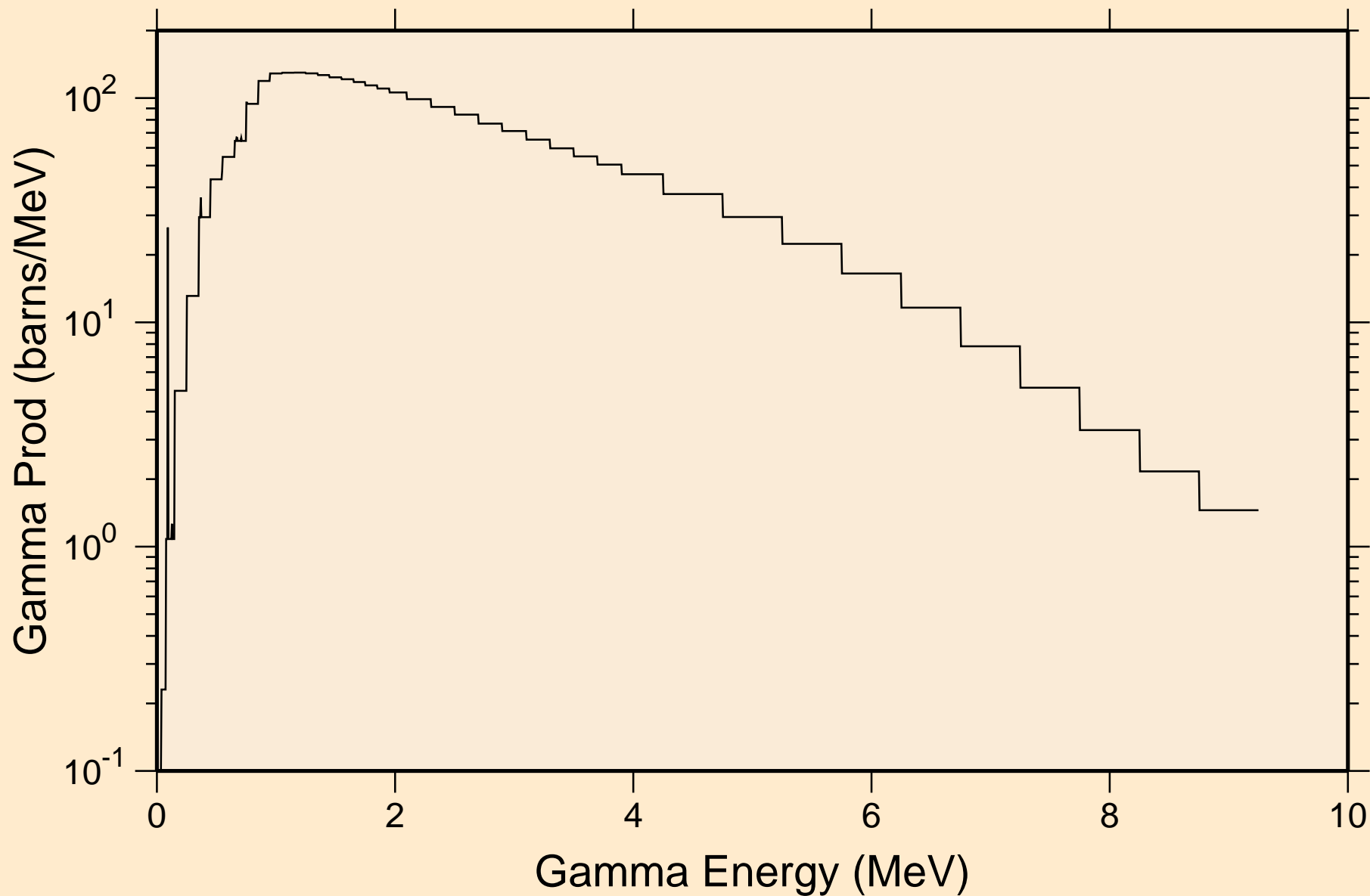


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)

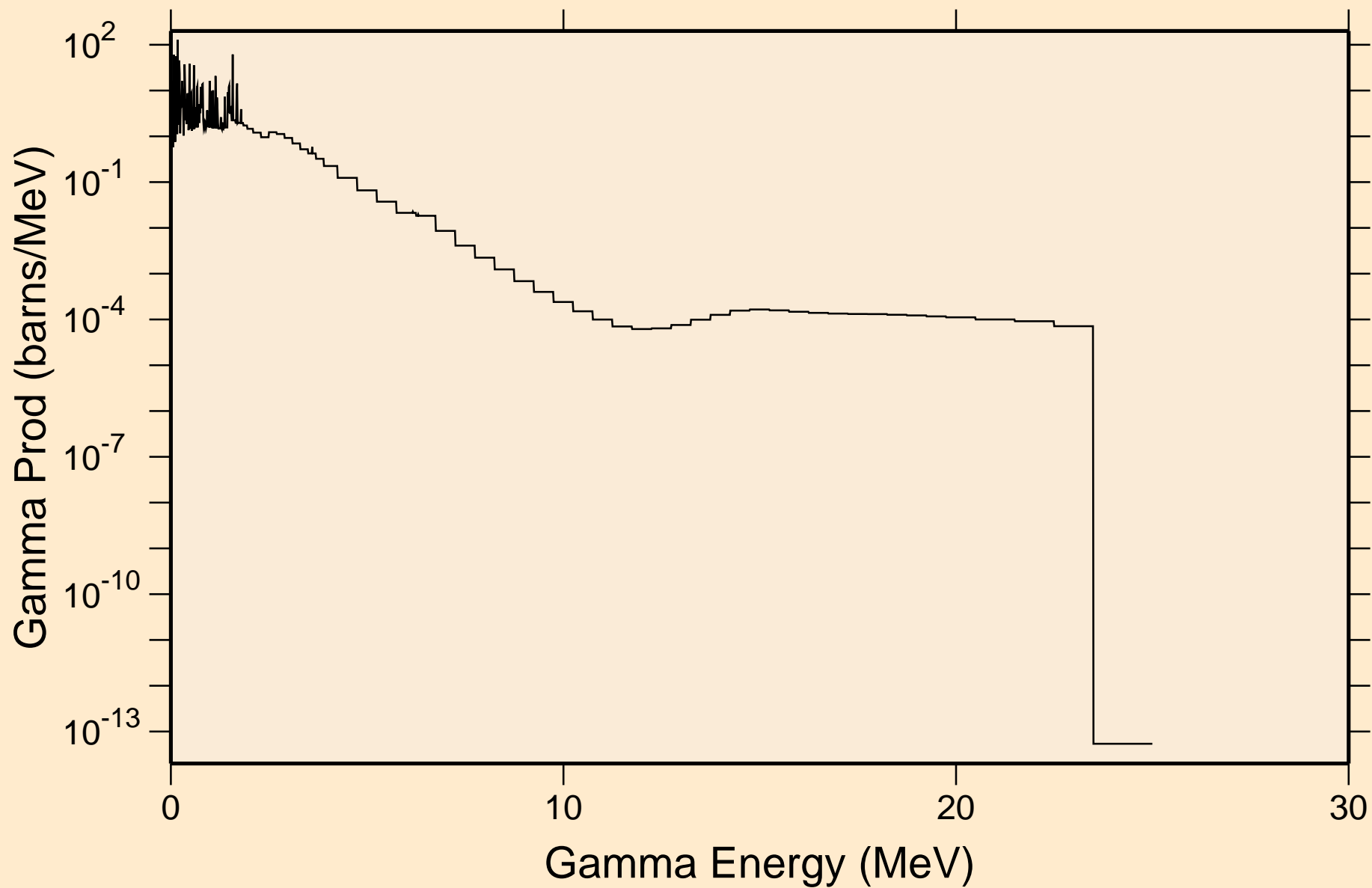




TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

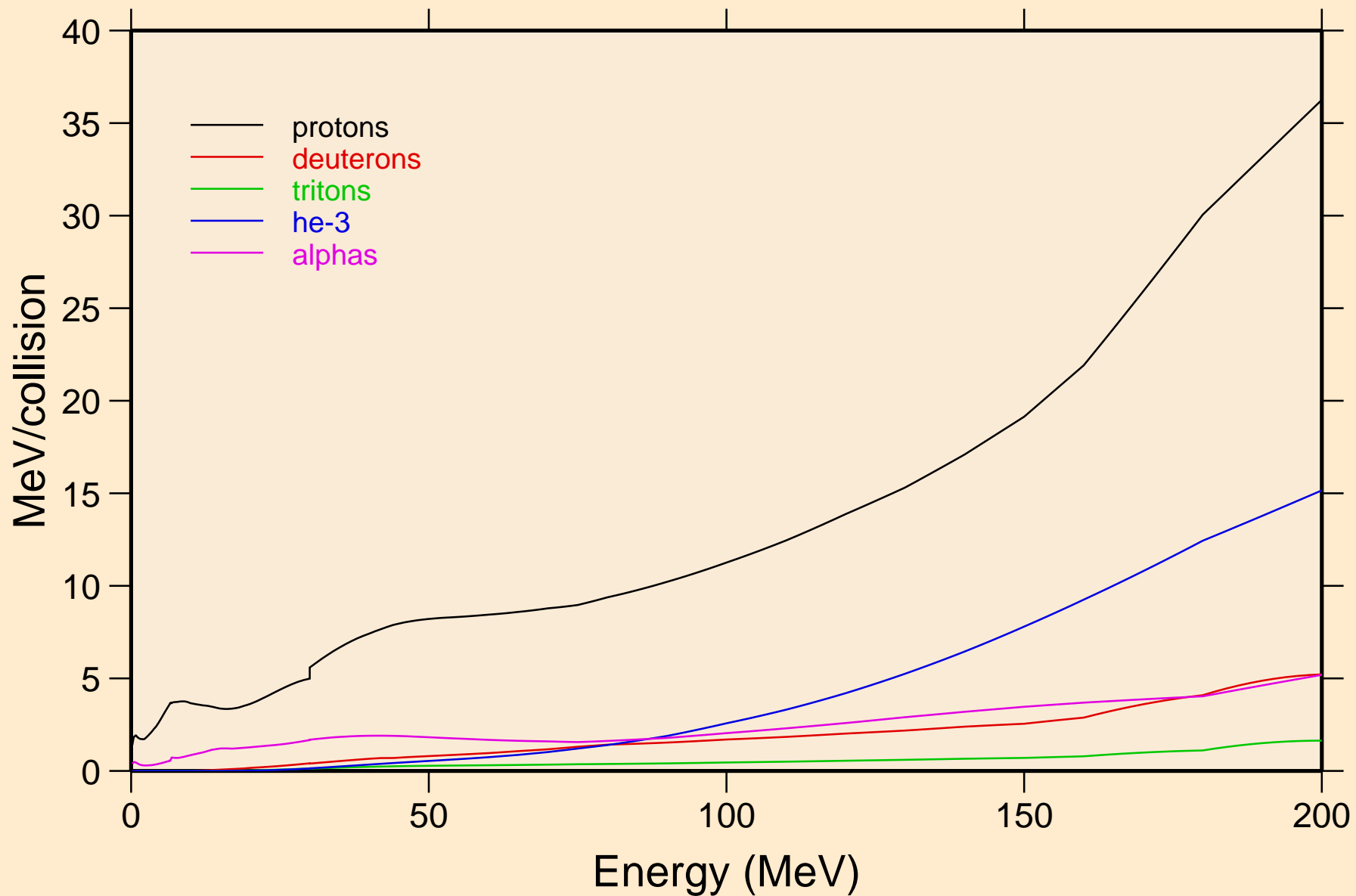


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

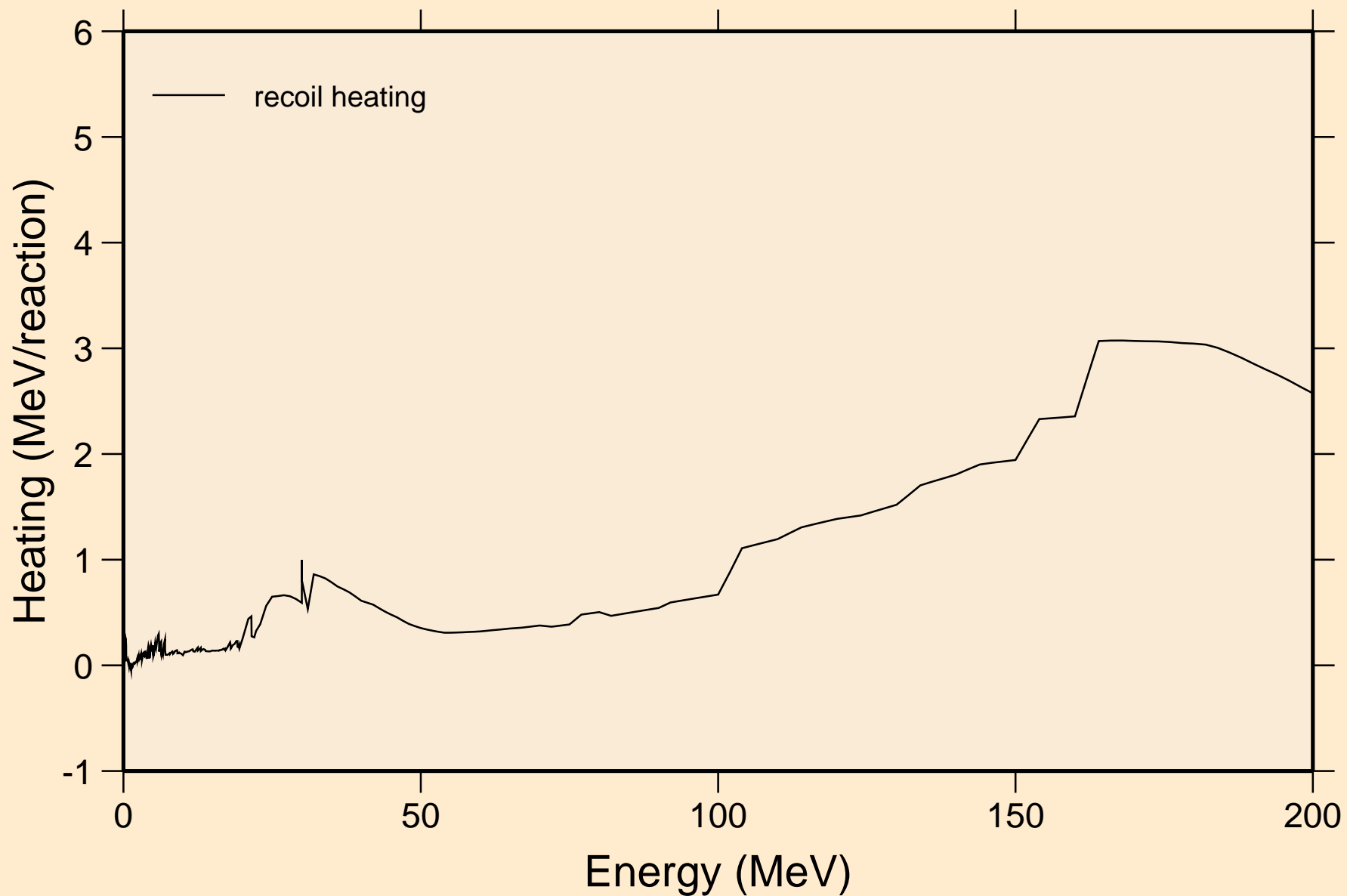


# TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

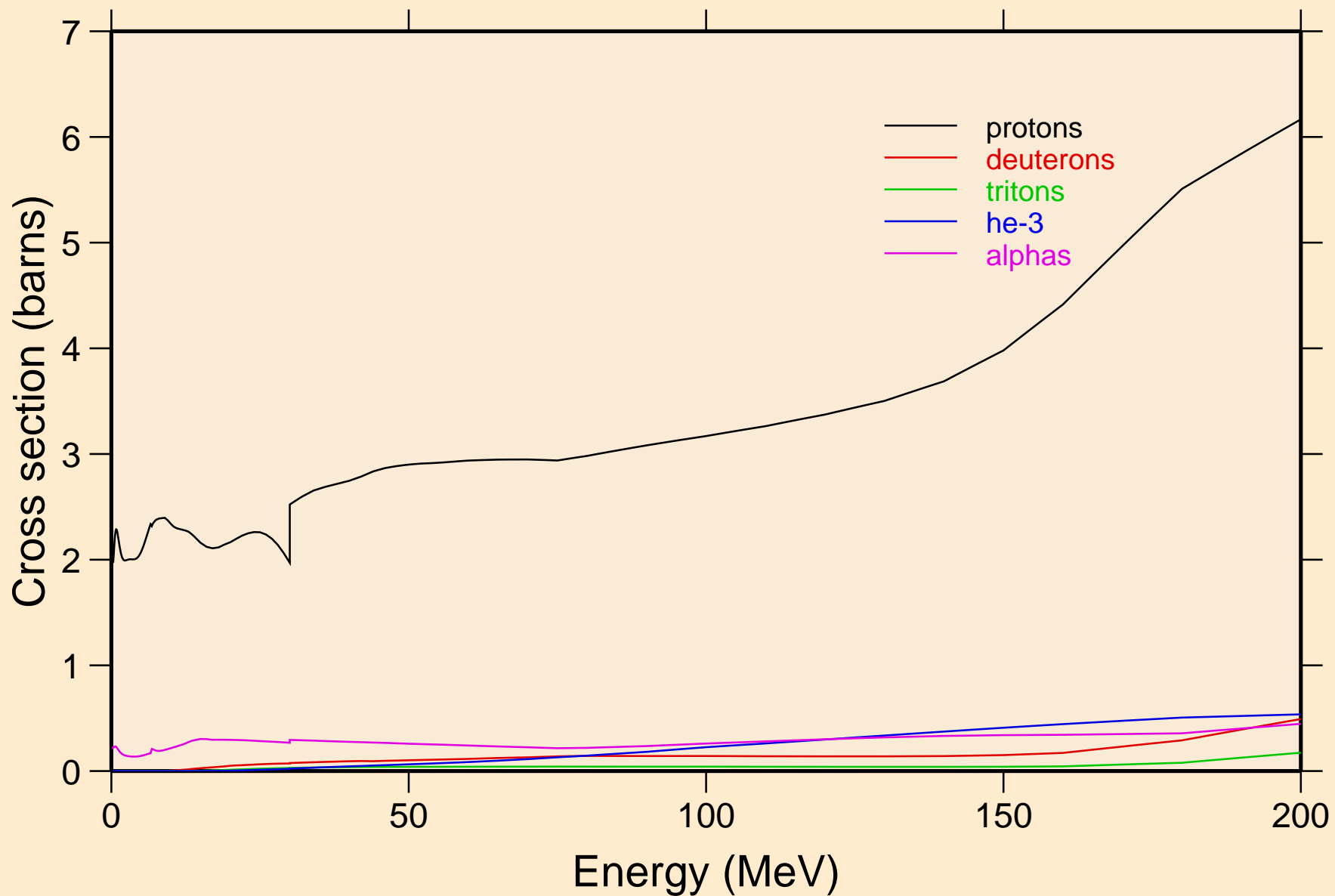
## Particle heating contributions



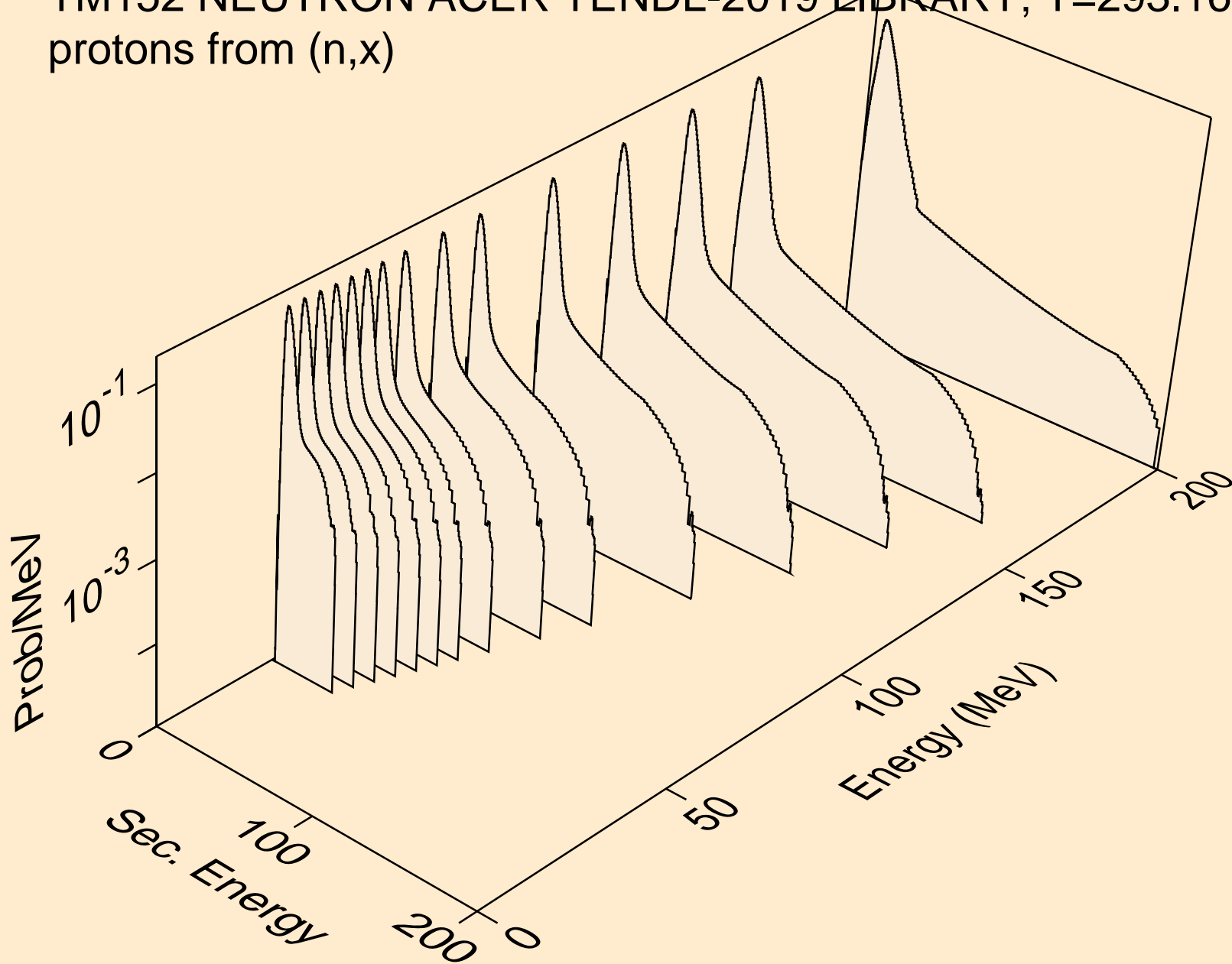
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



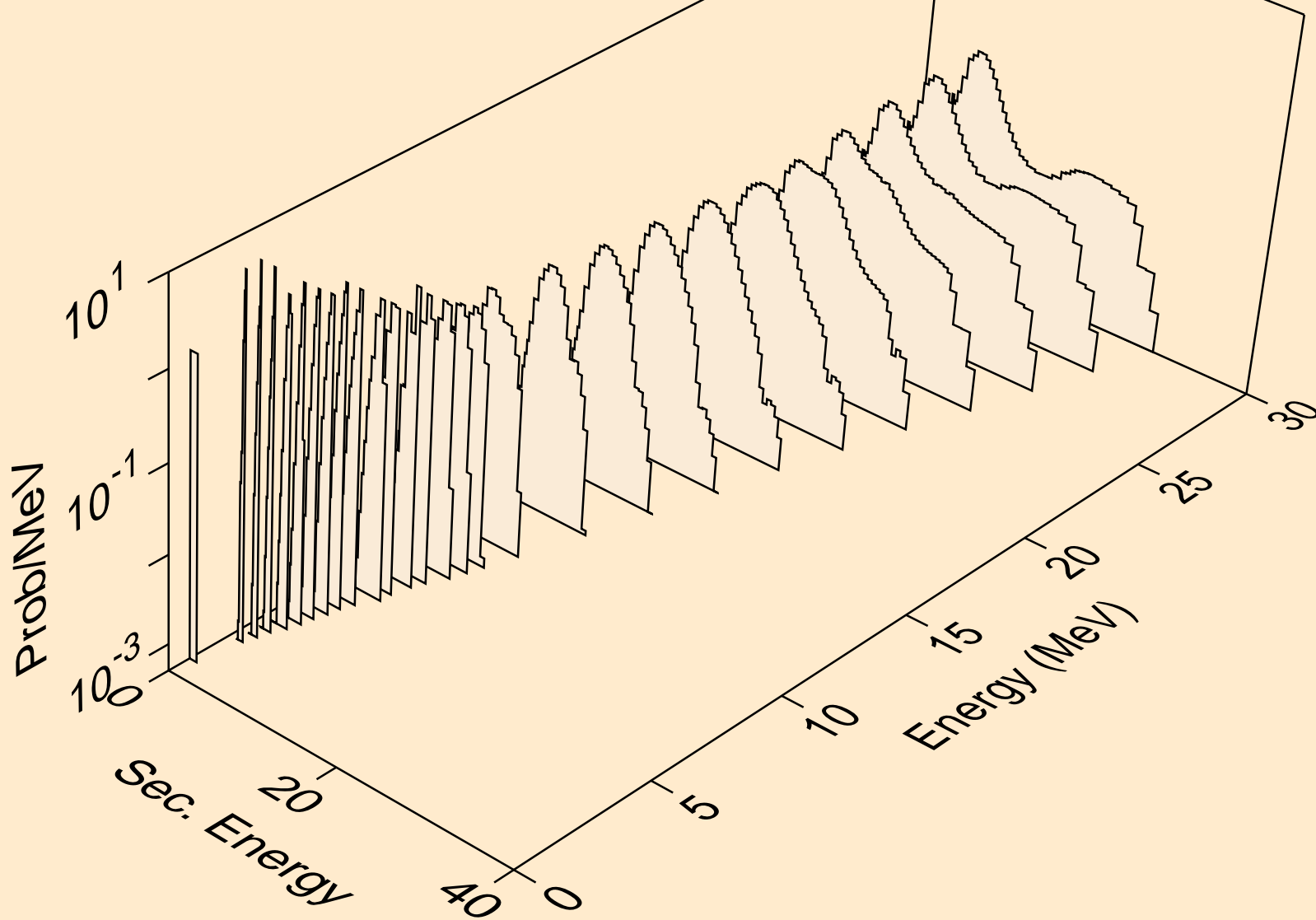
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



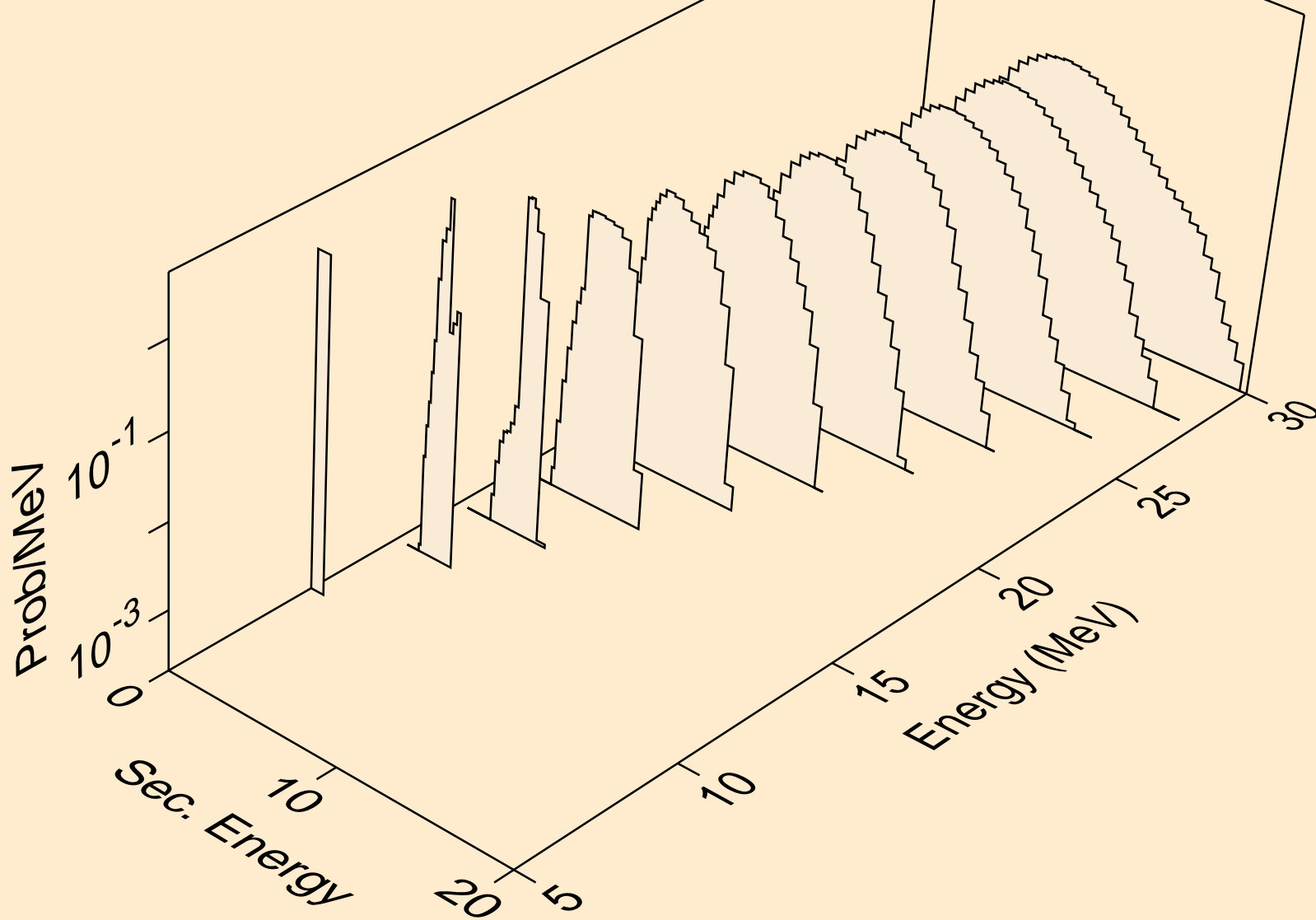
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p

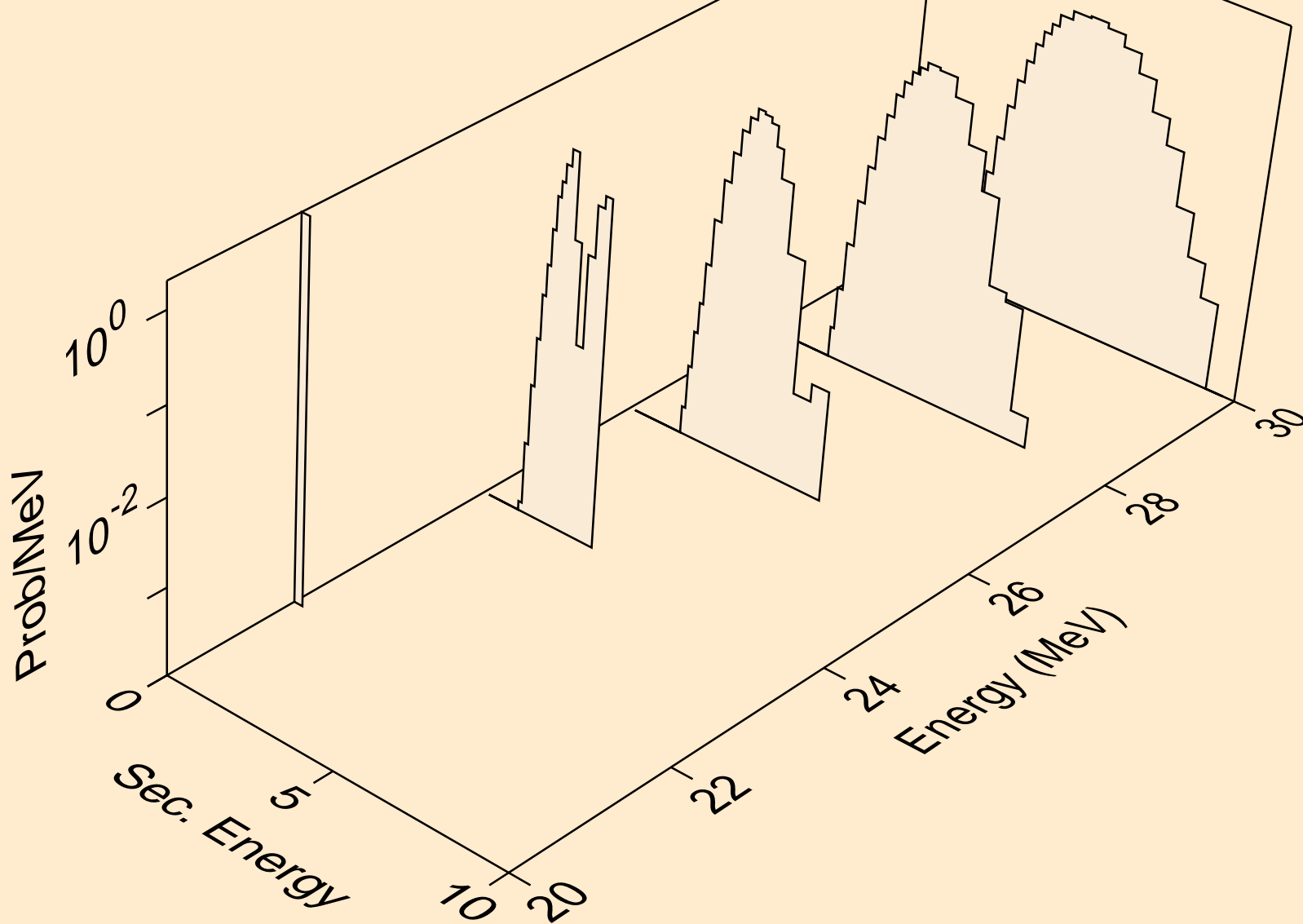


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

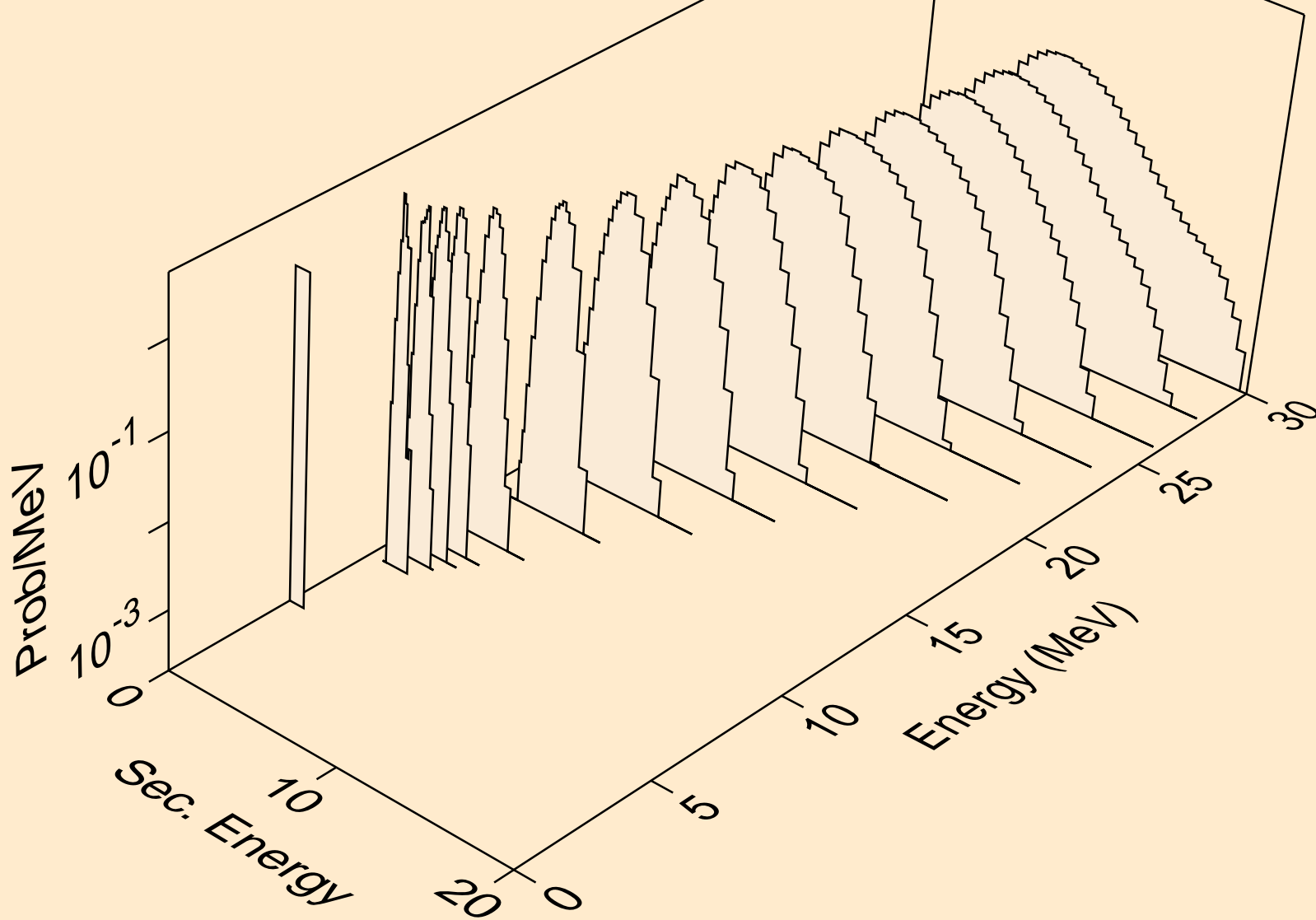




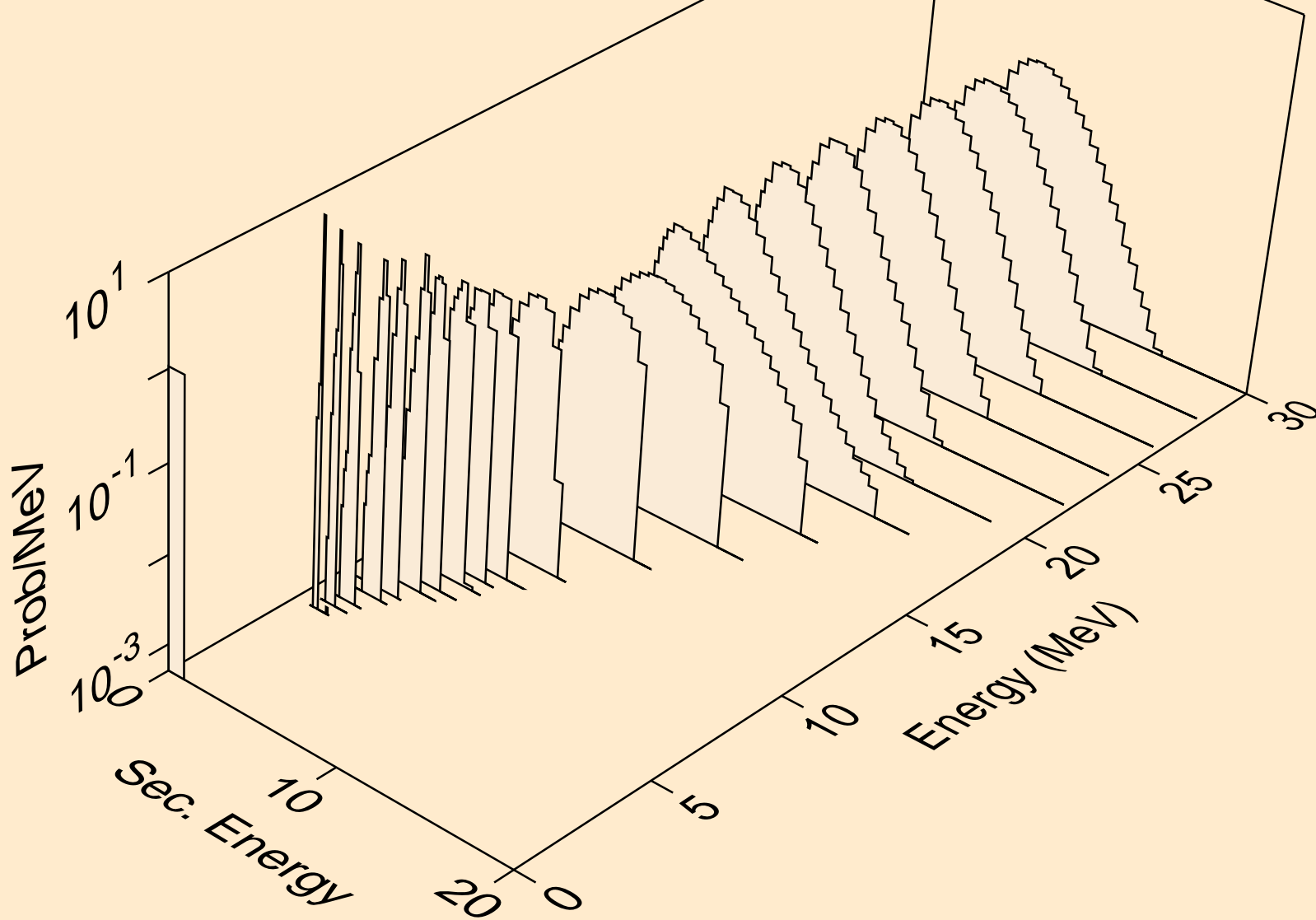
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



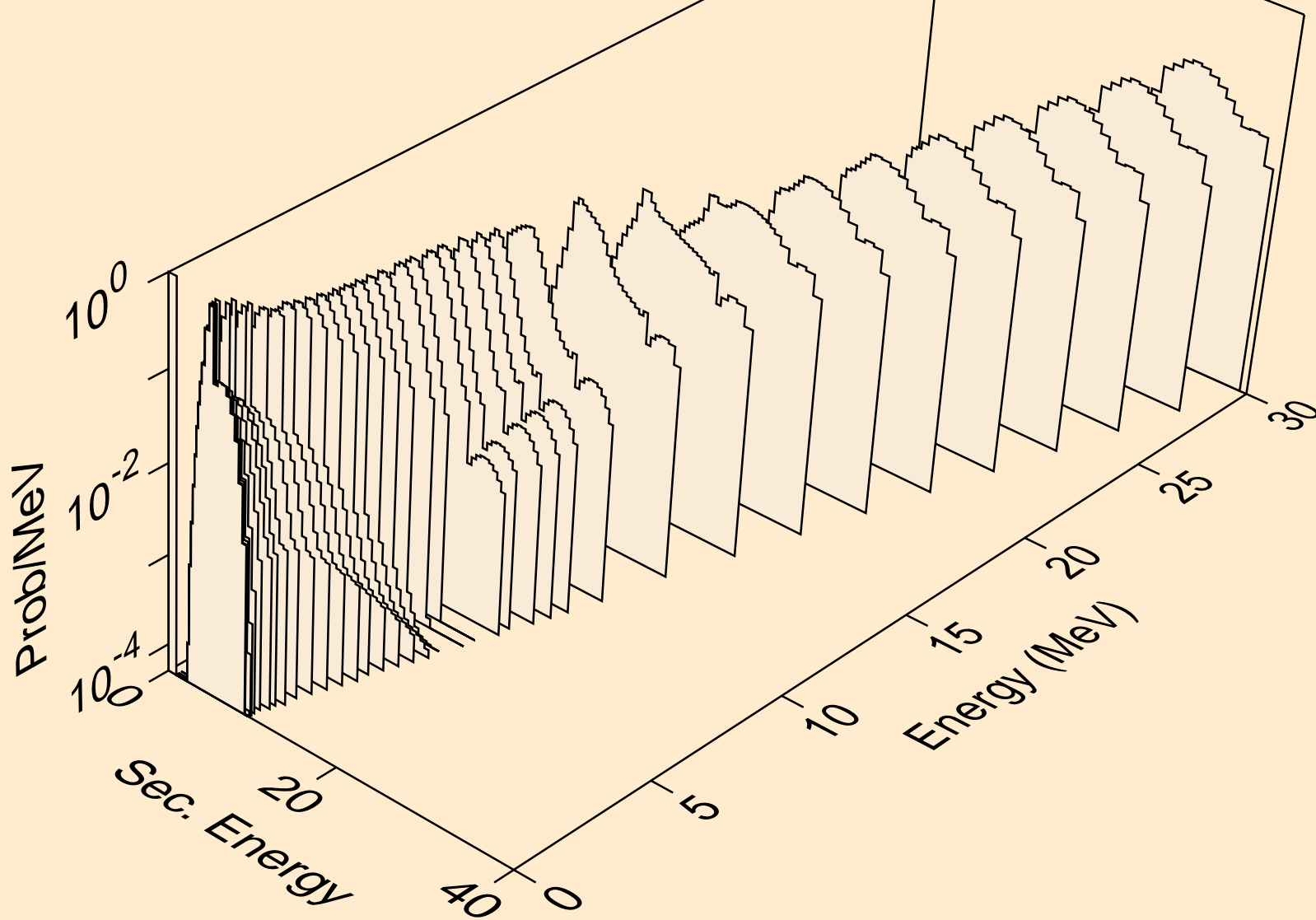
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



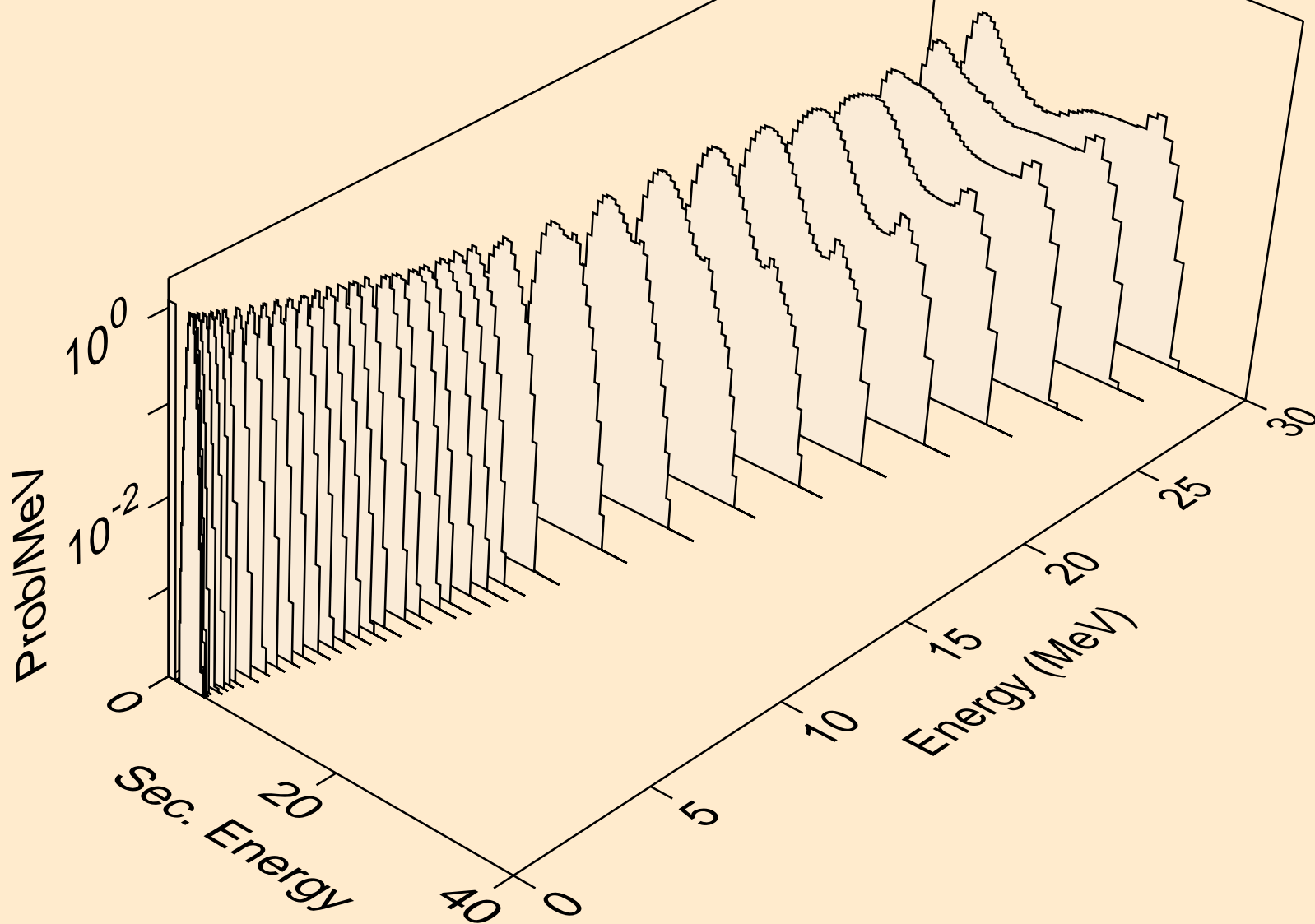
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



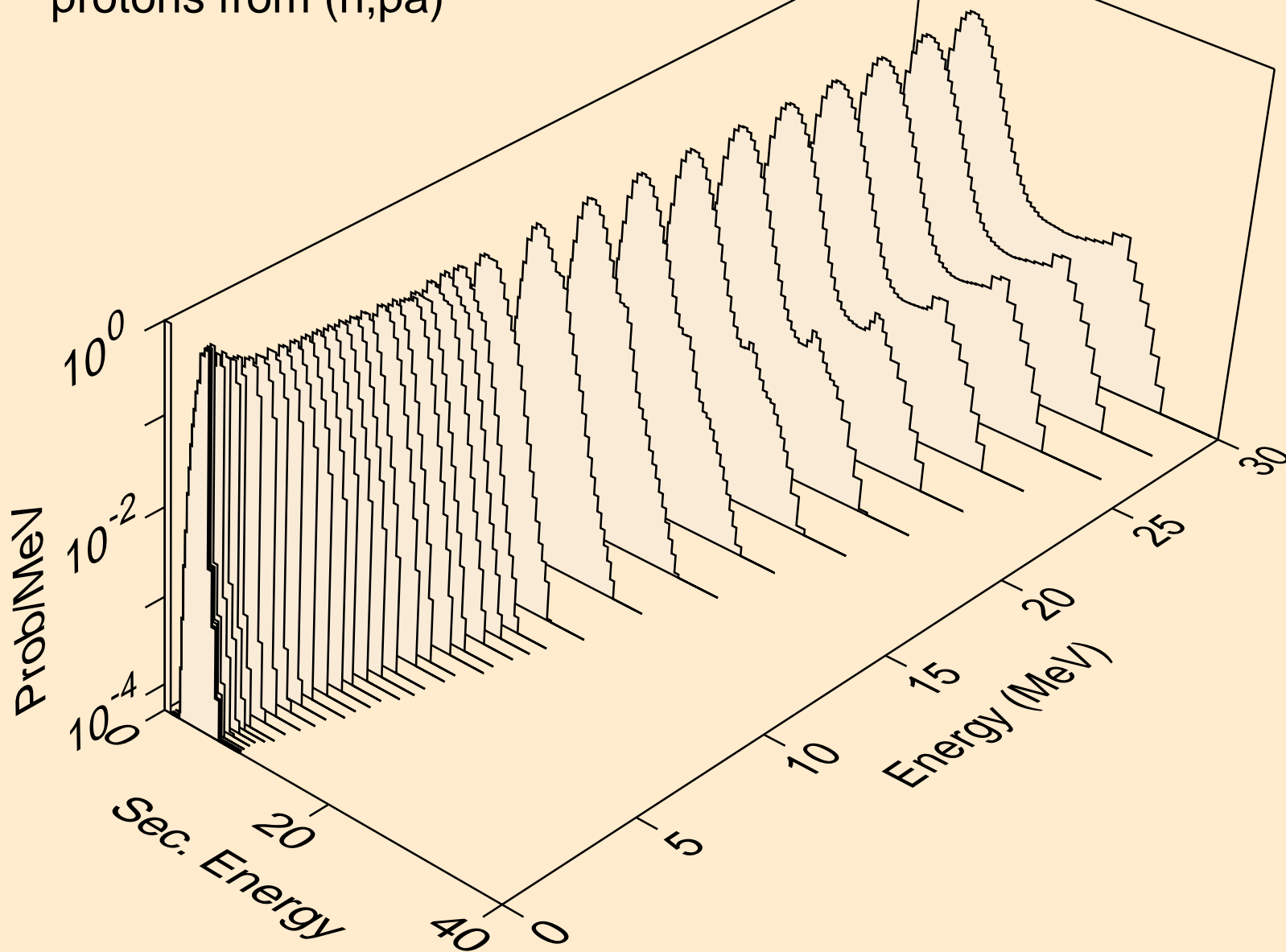
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



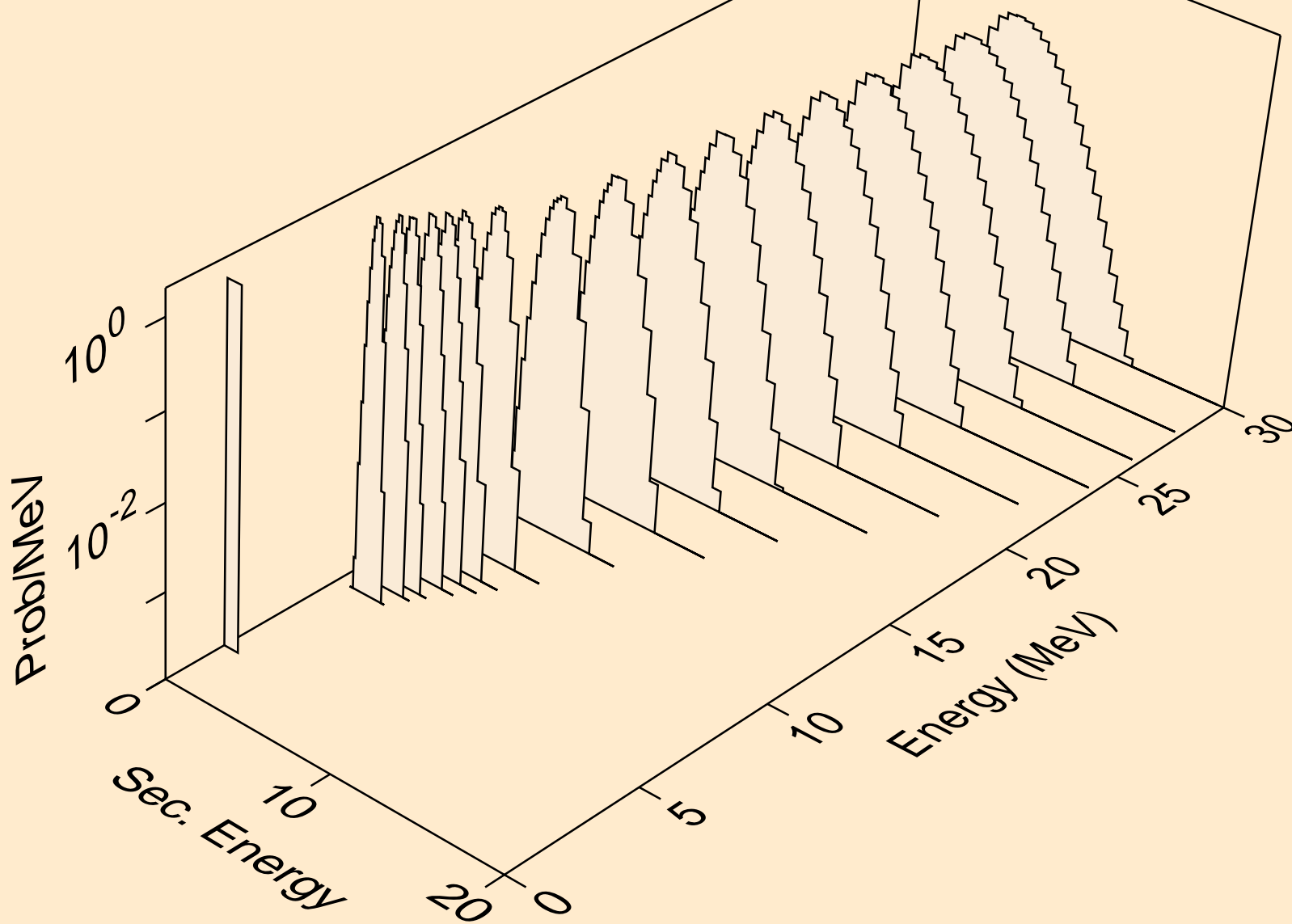
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



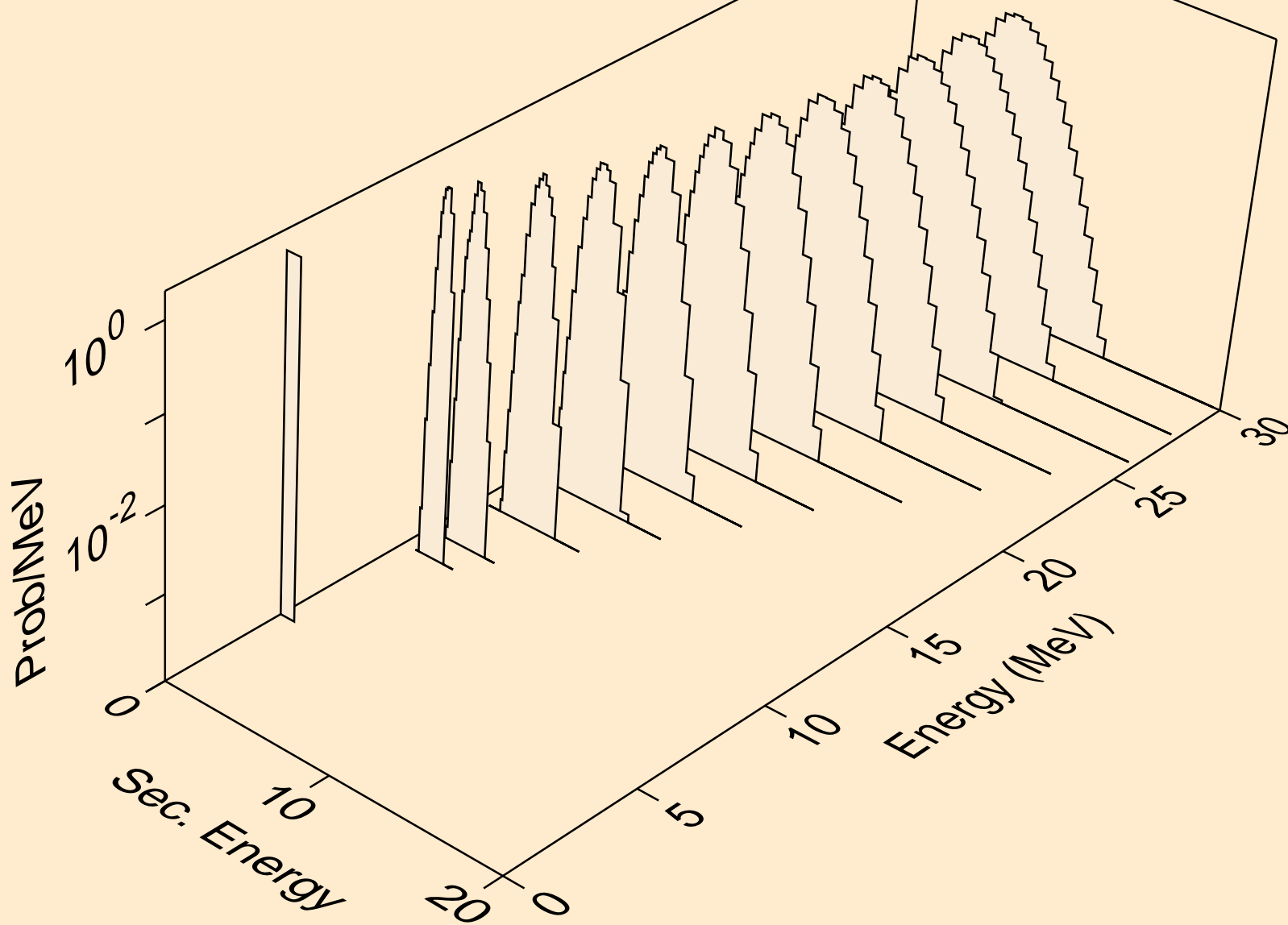
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)

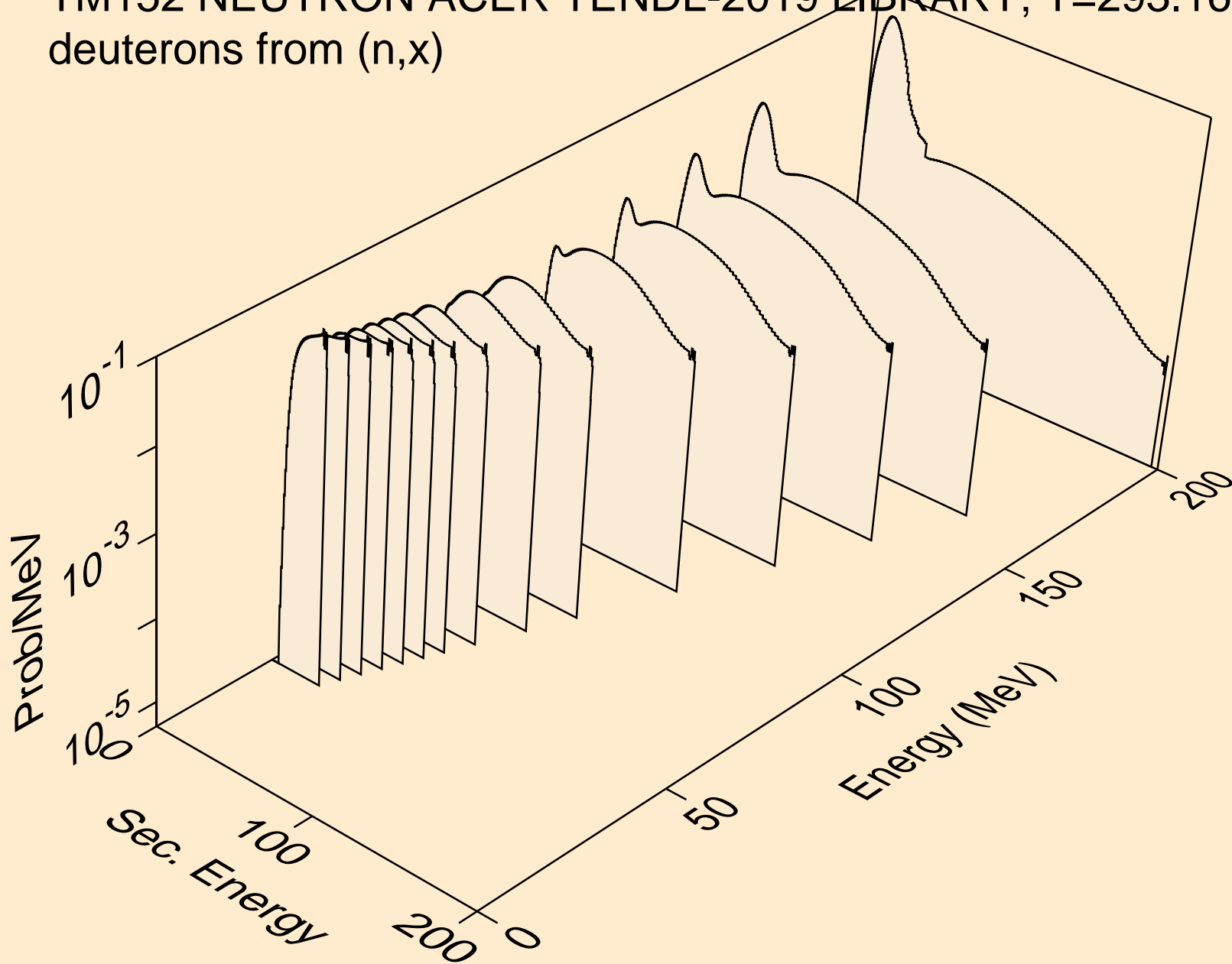


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)

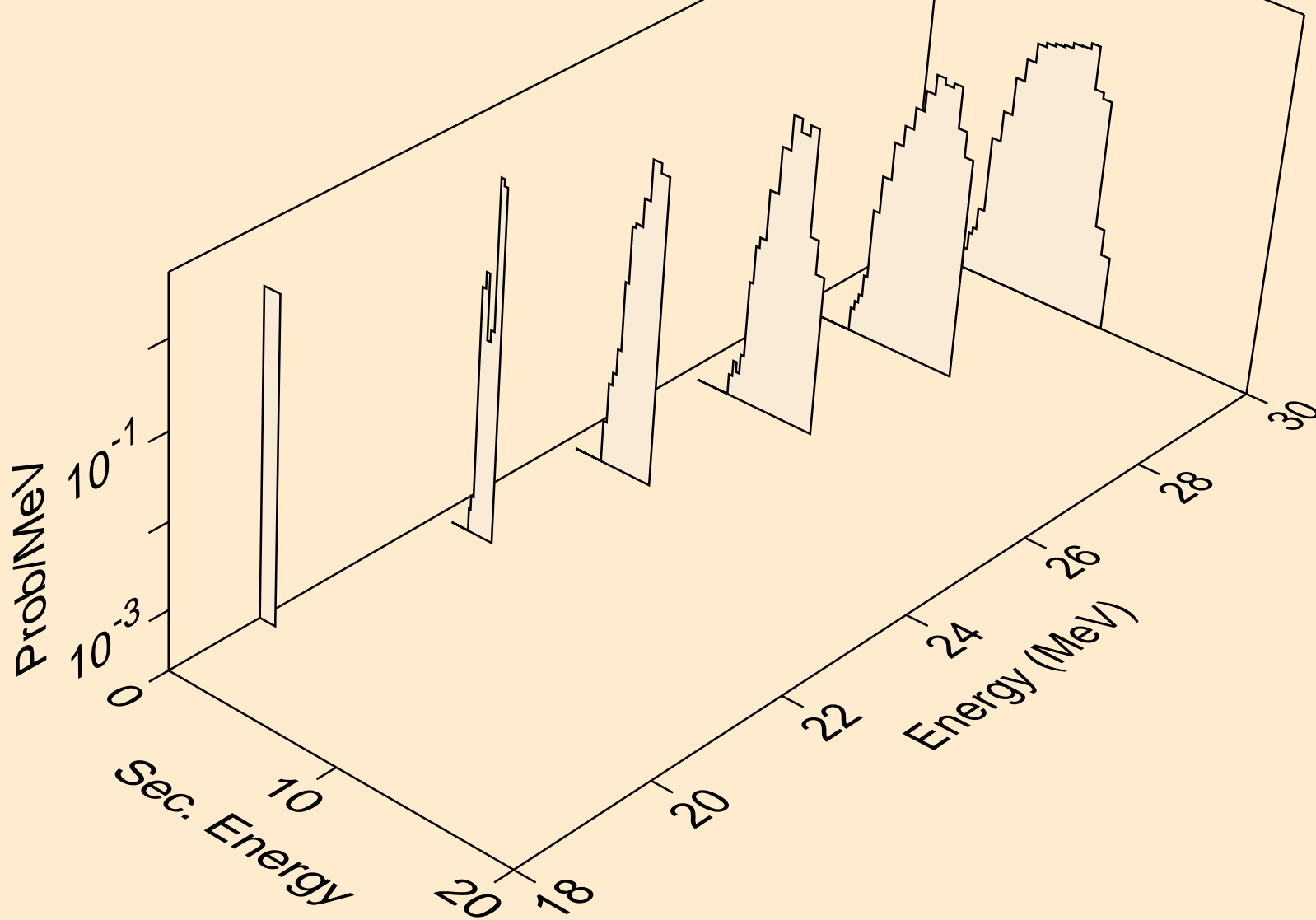




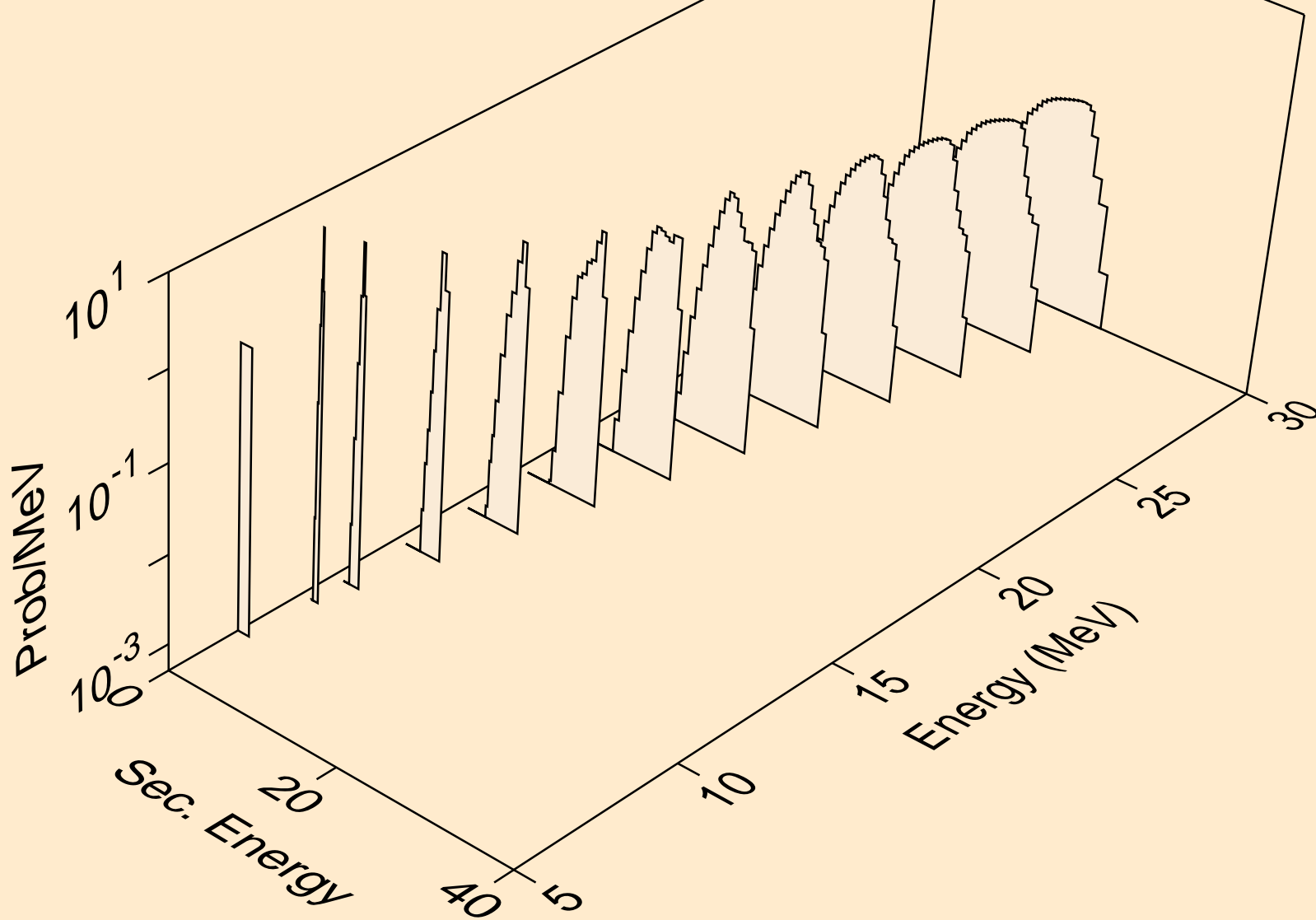
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



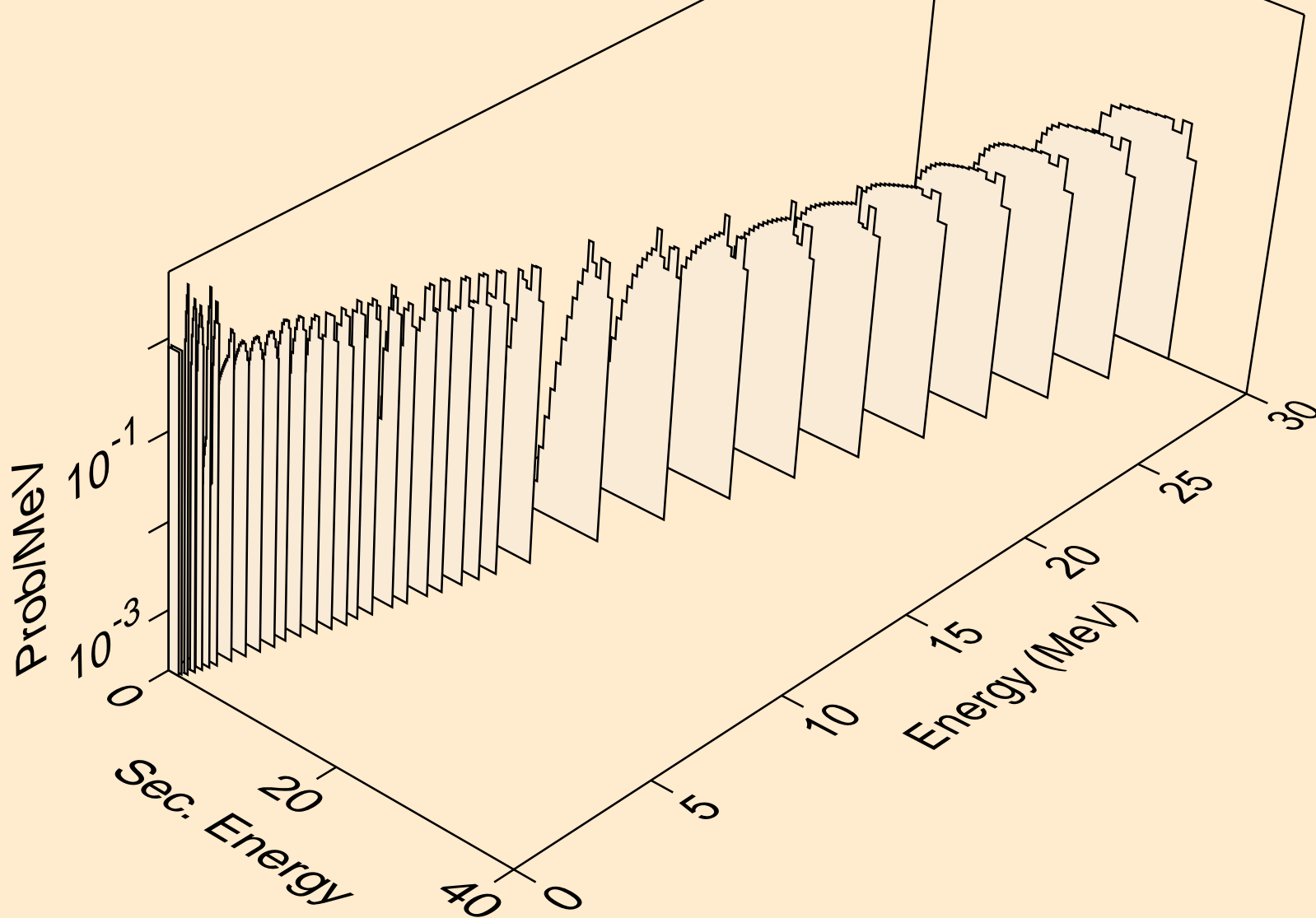
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



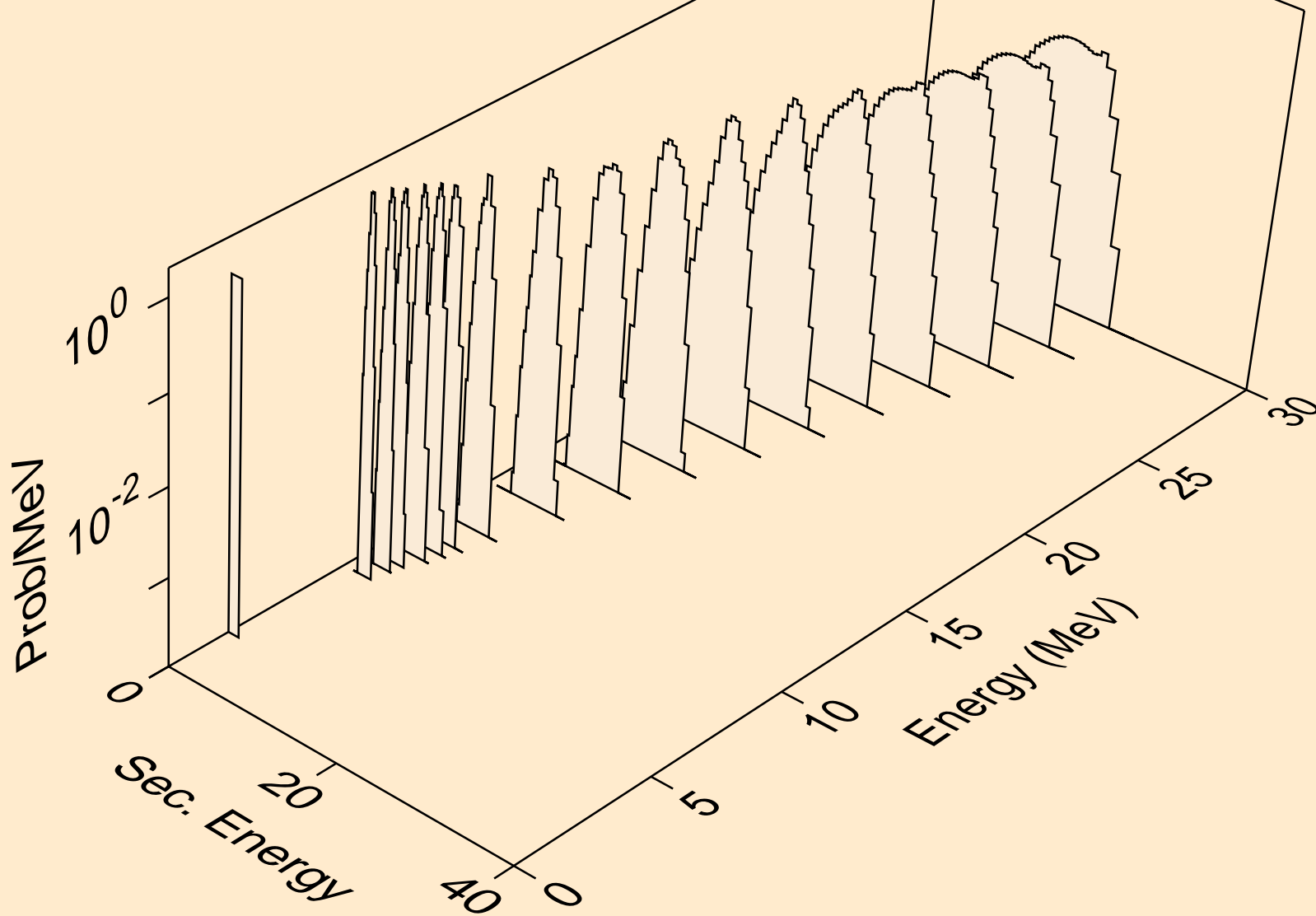
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



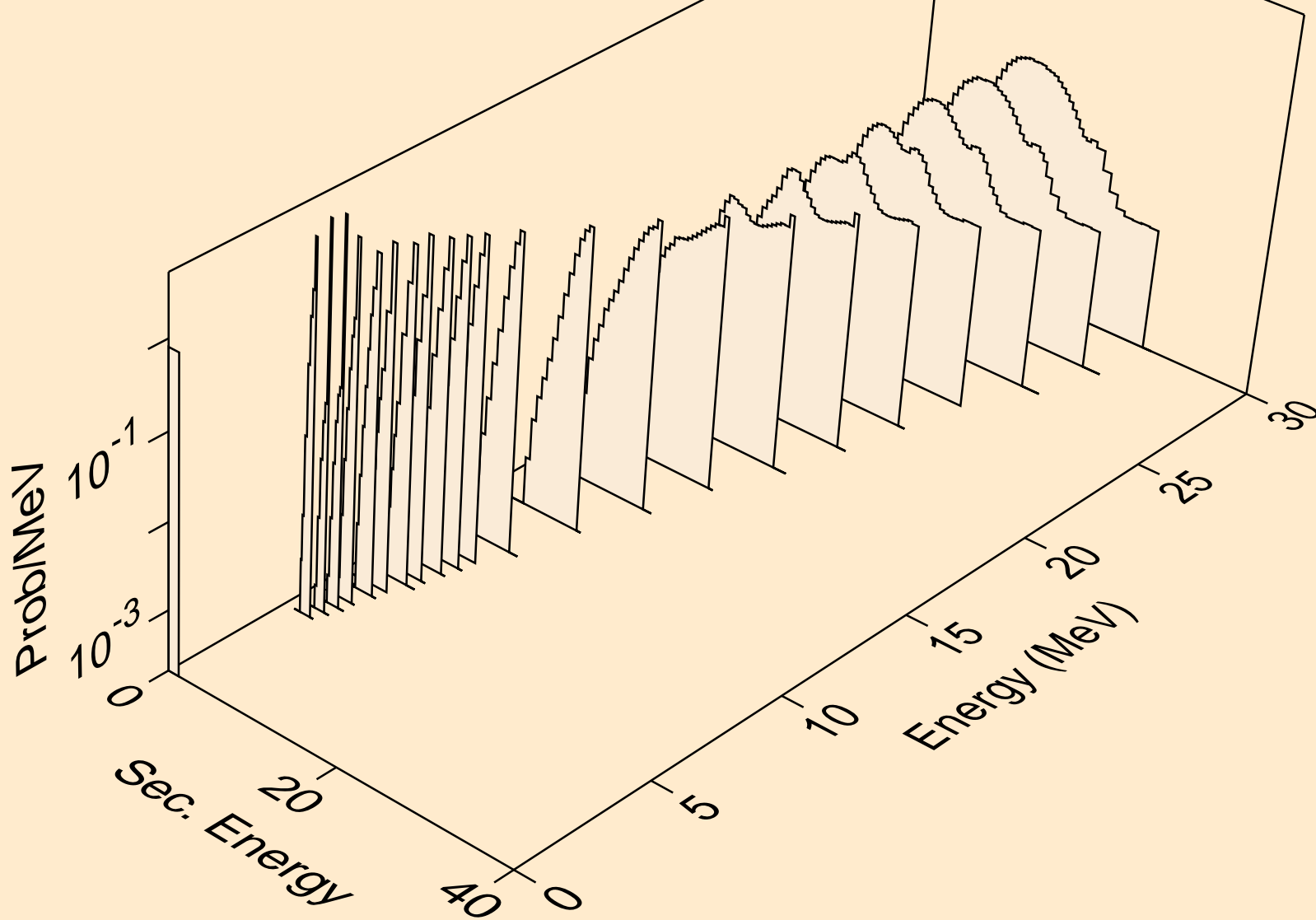
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



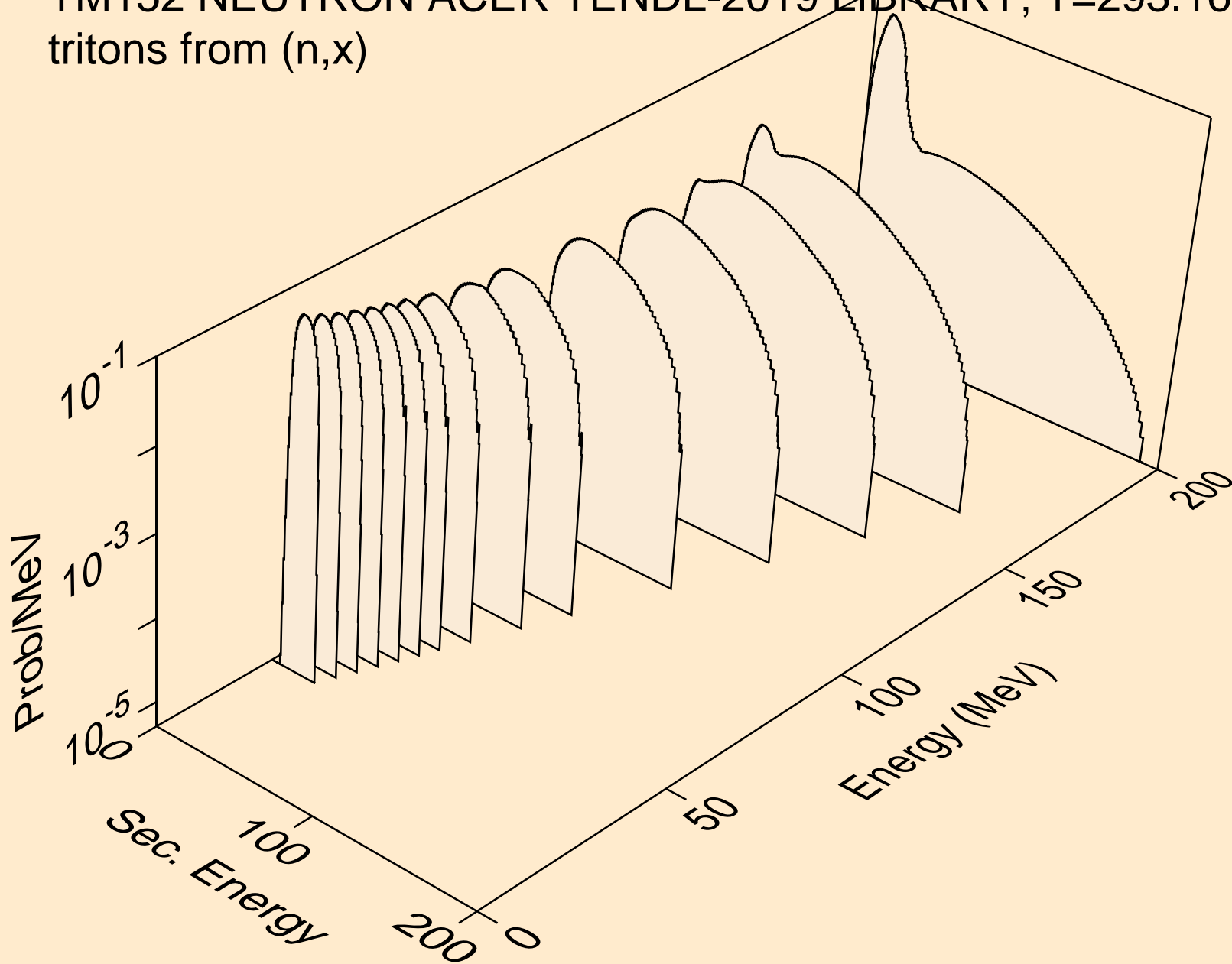
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



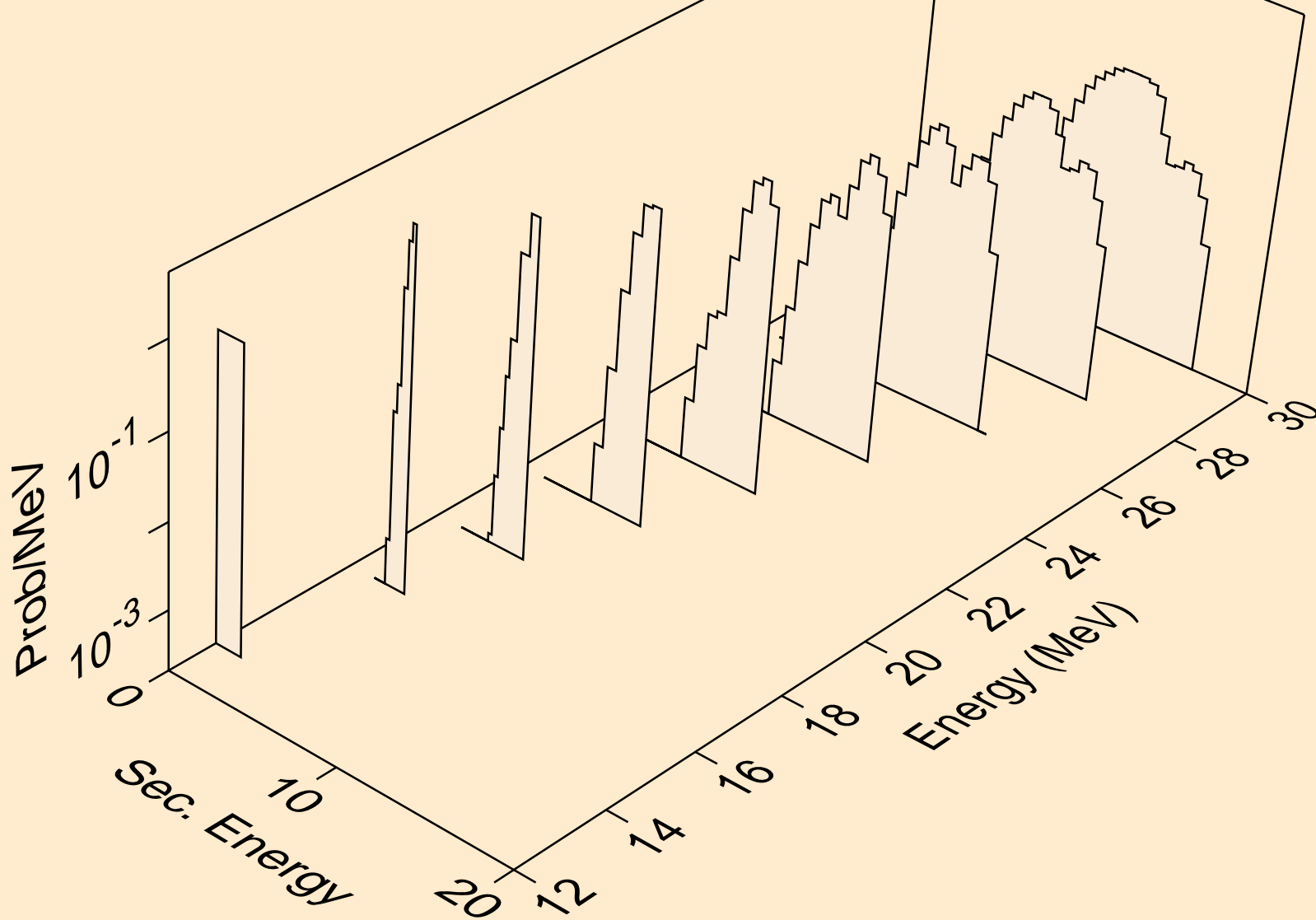
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

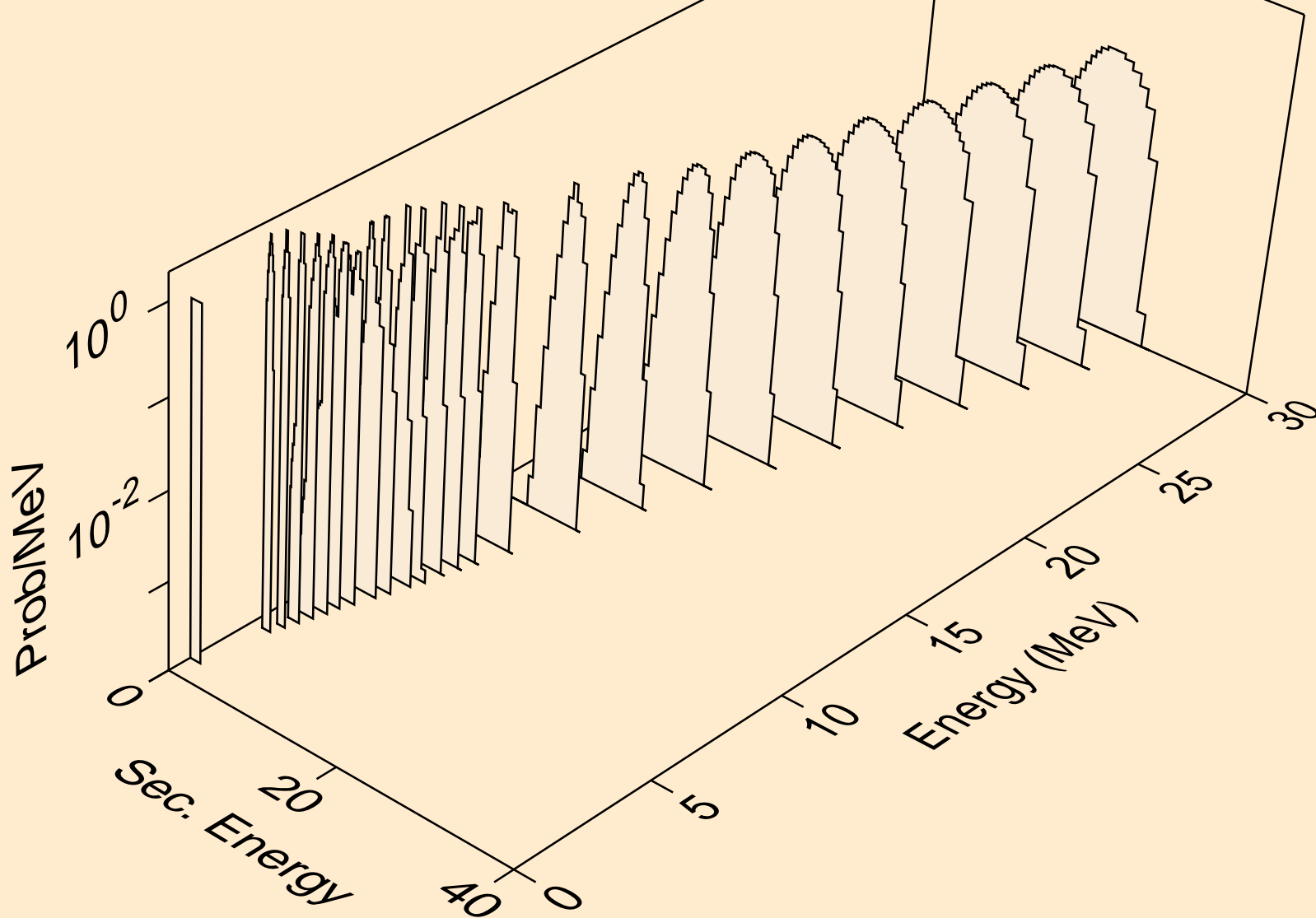


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

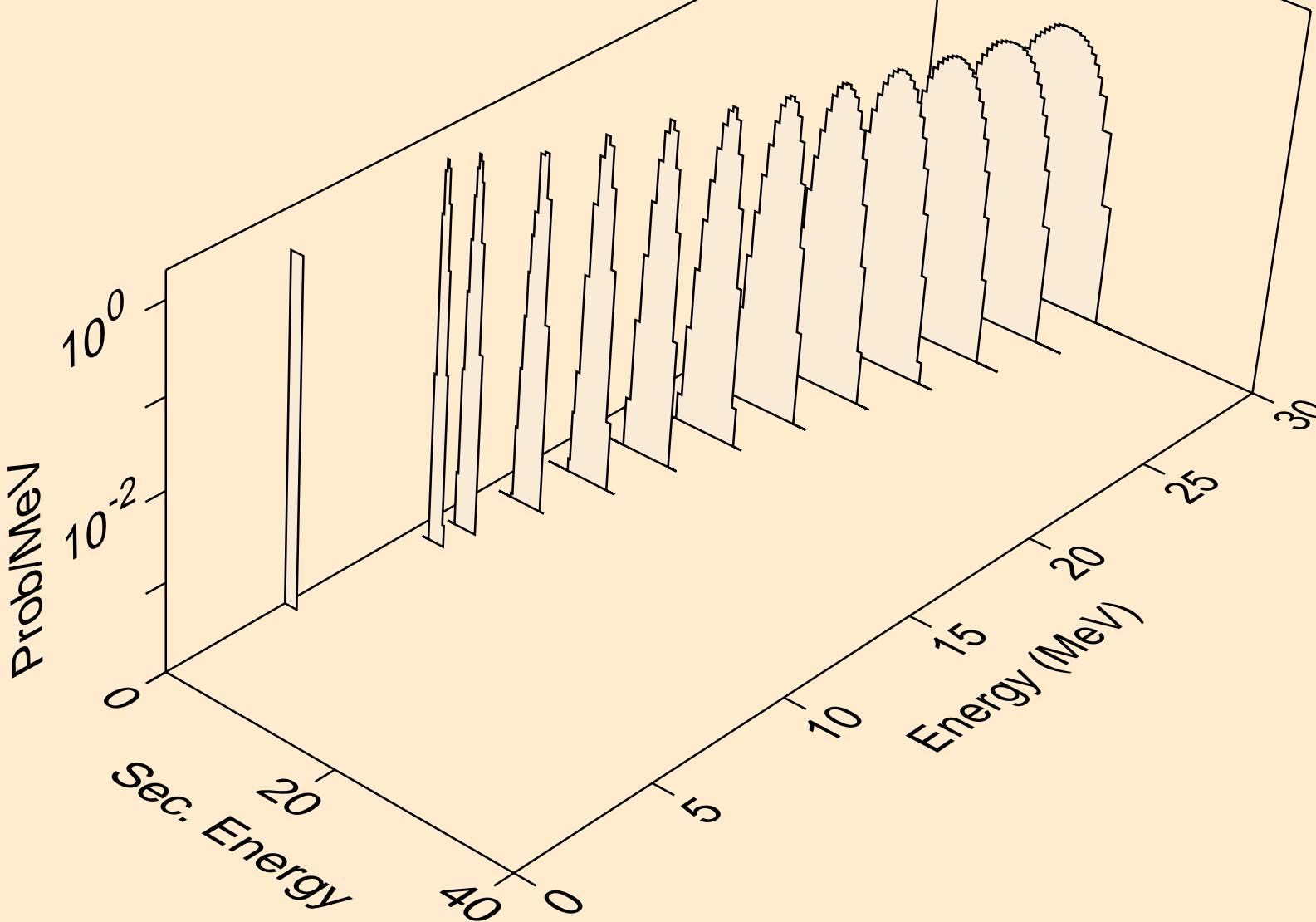




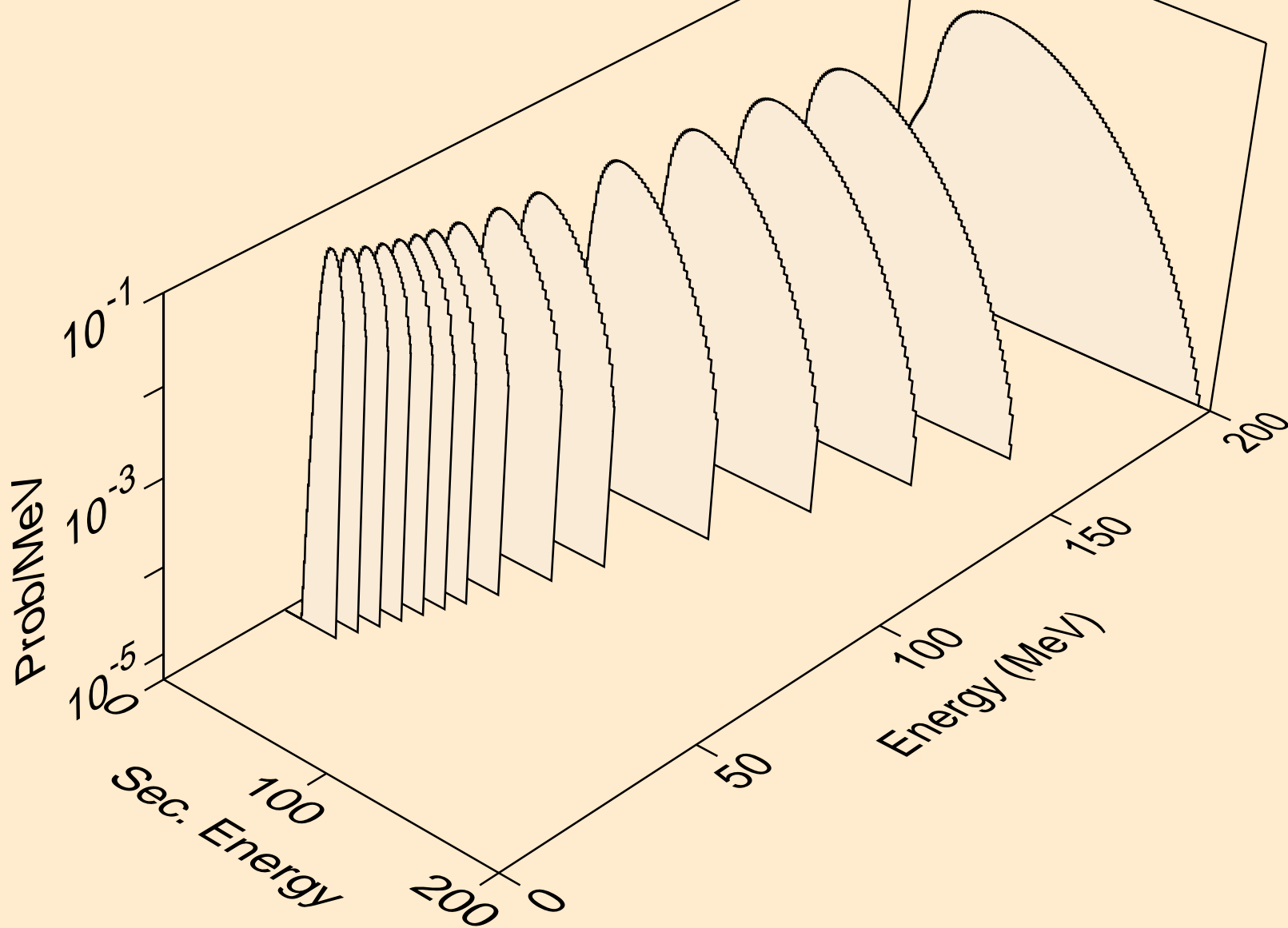
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



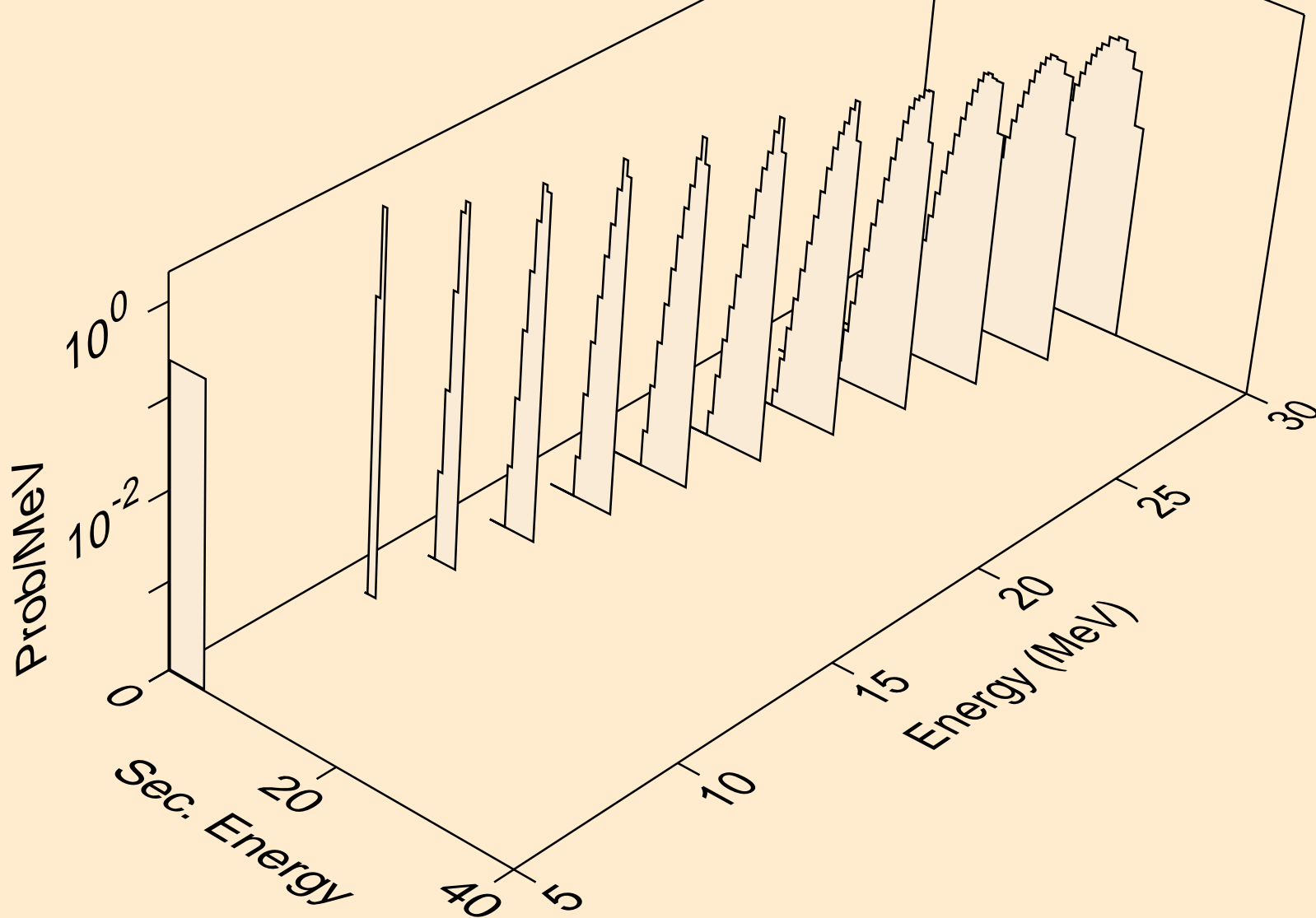
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



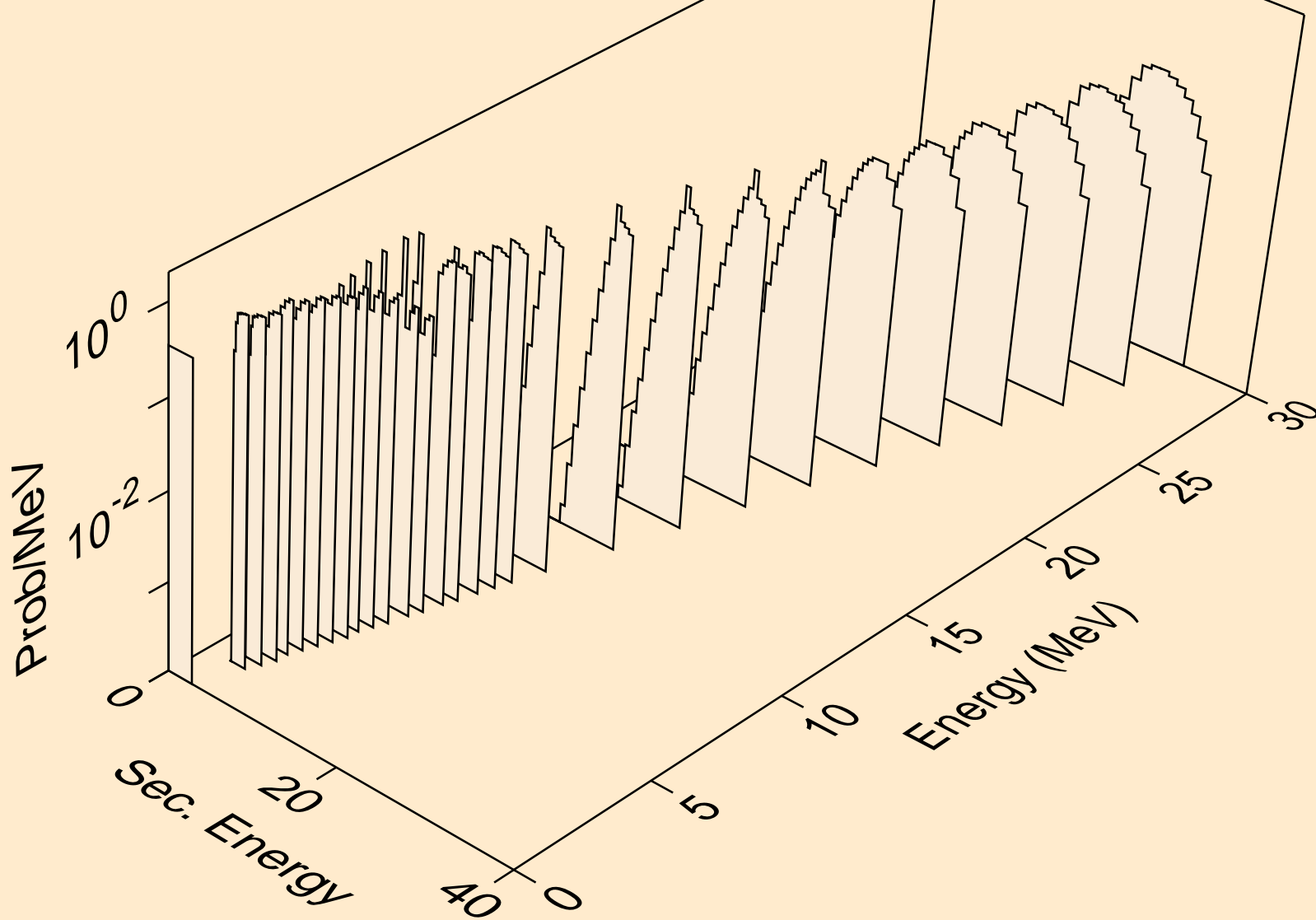
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



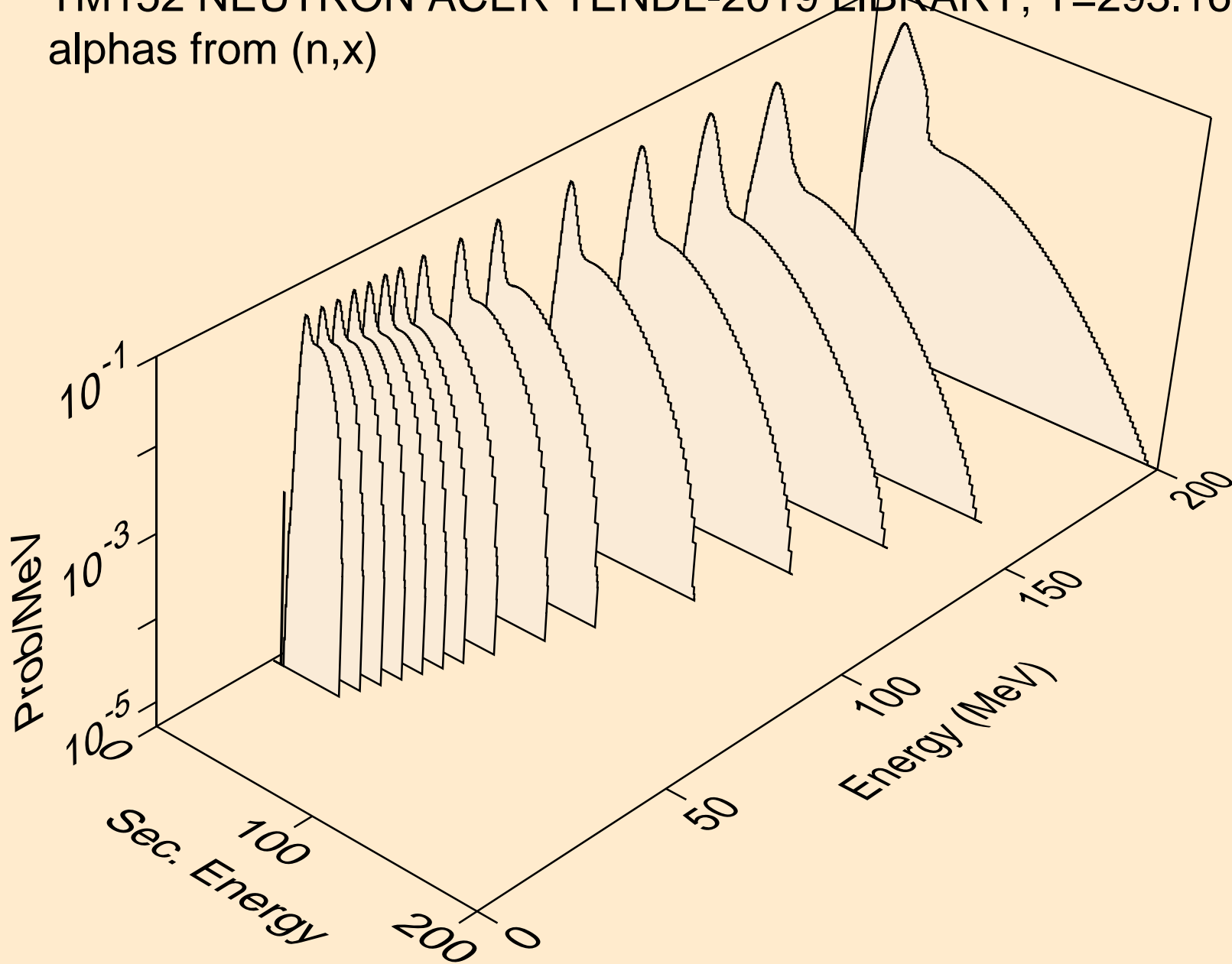
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



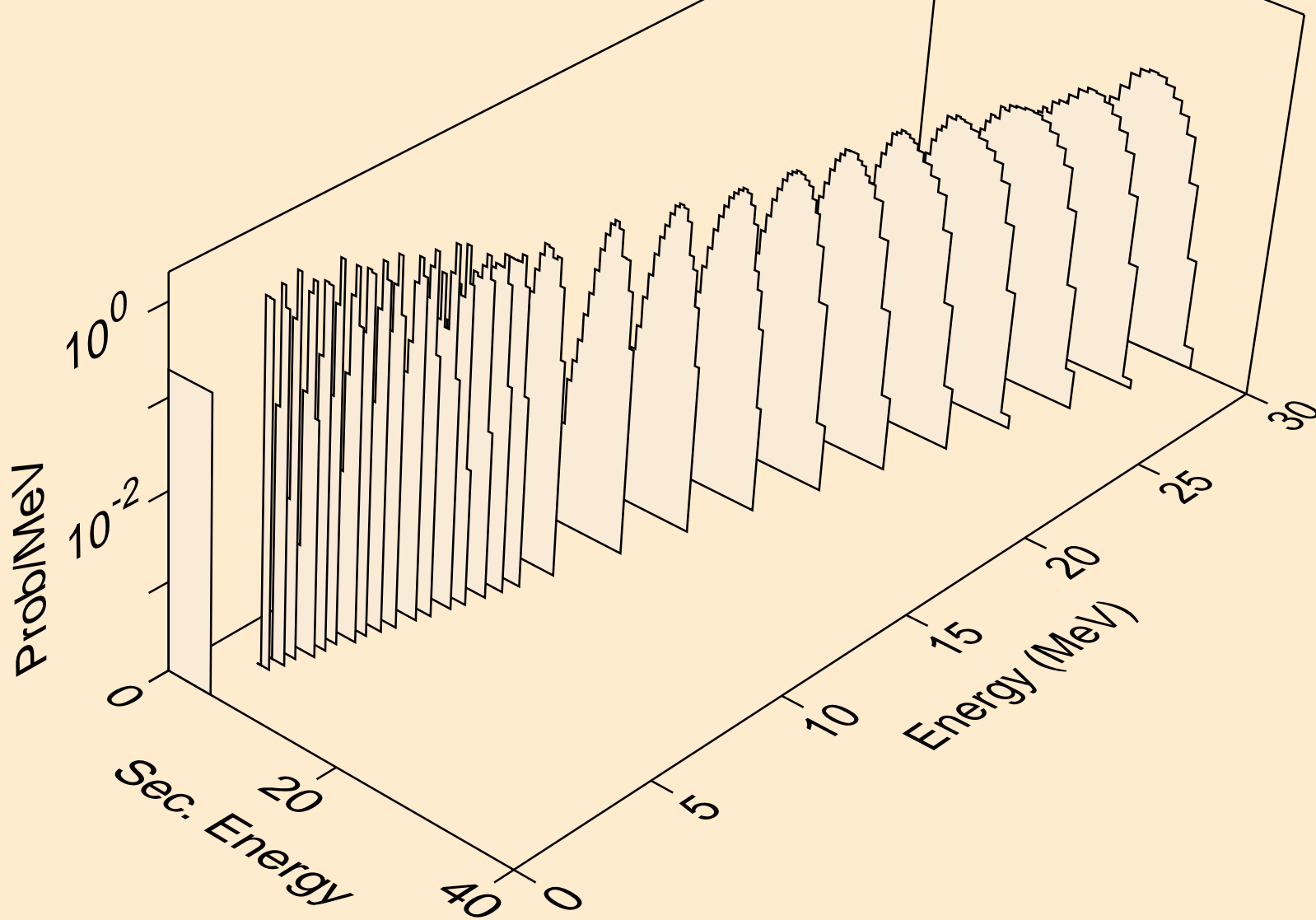
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



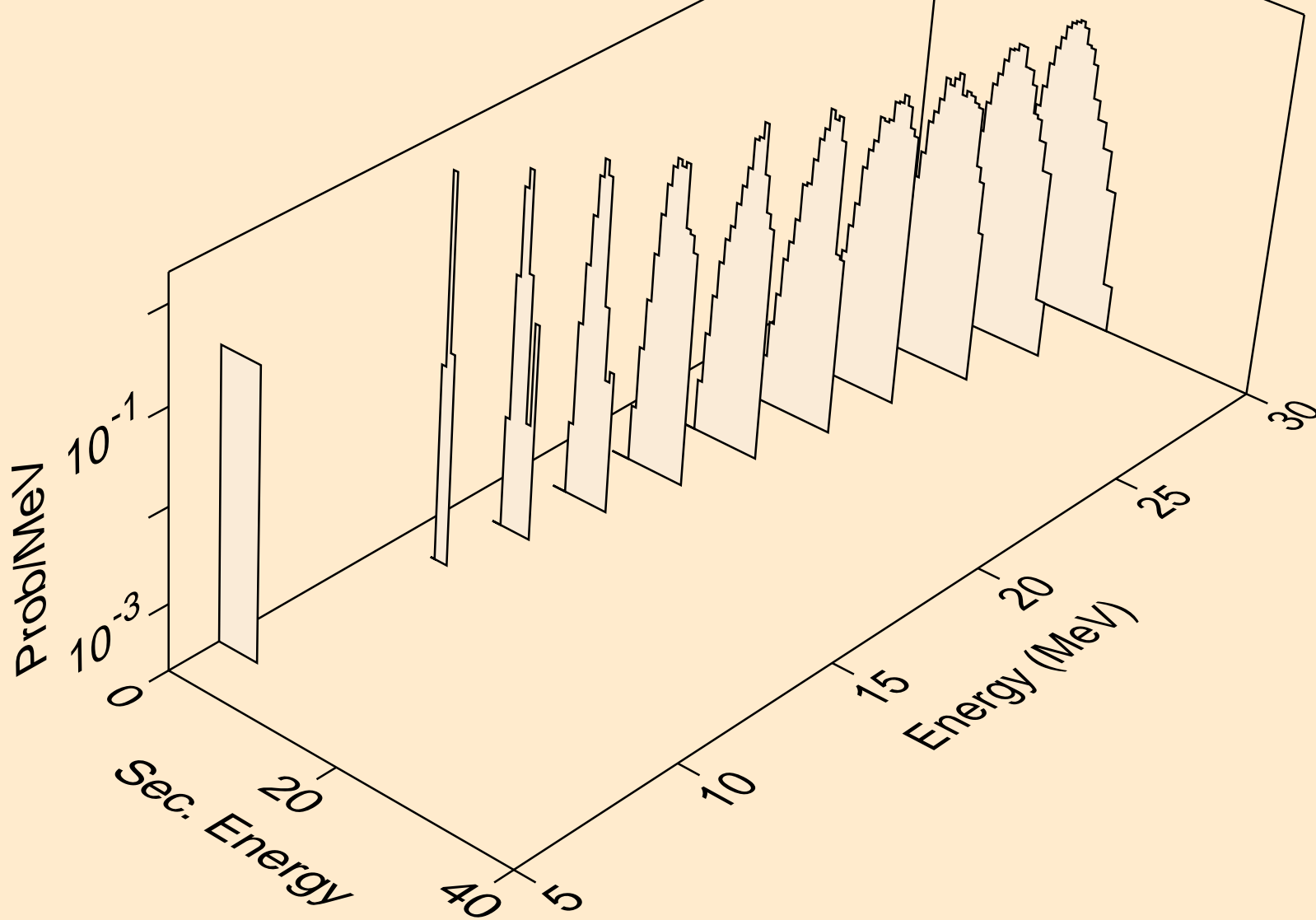
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a

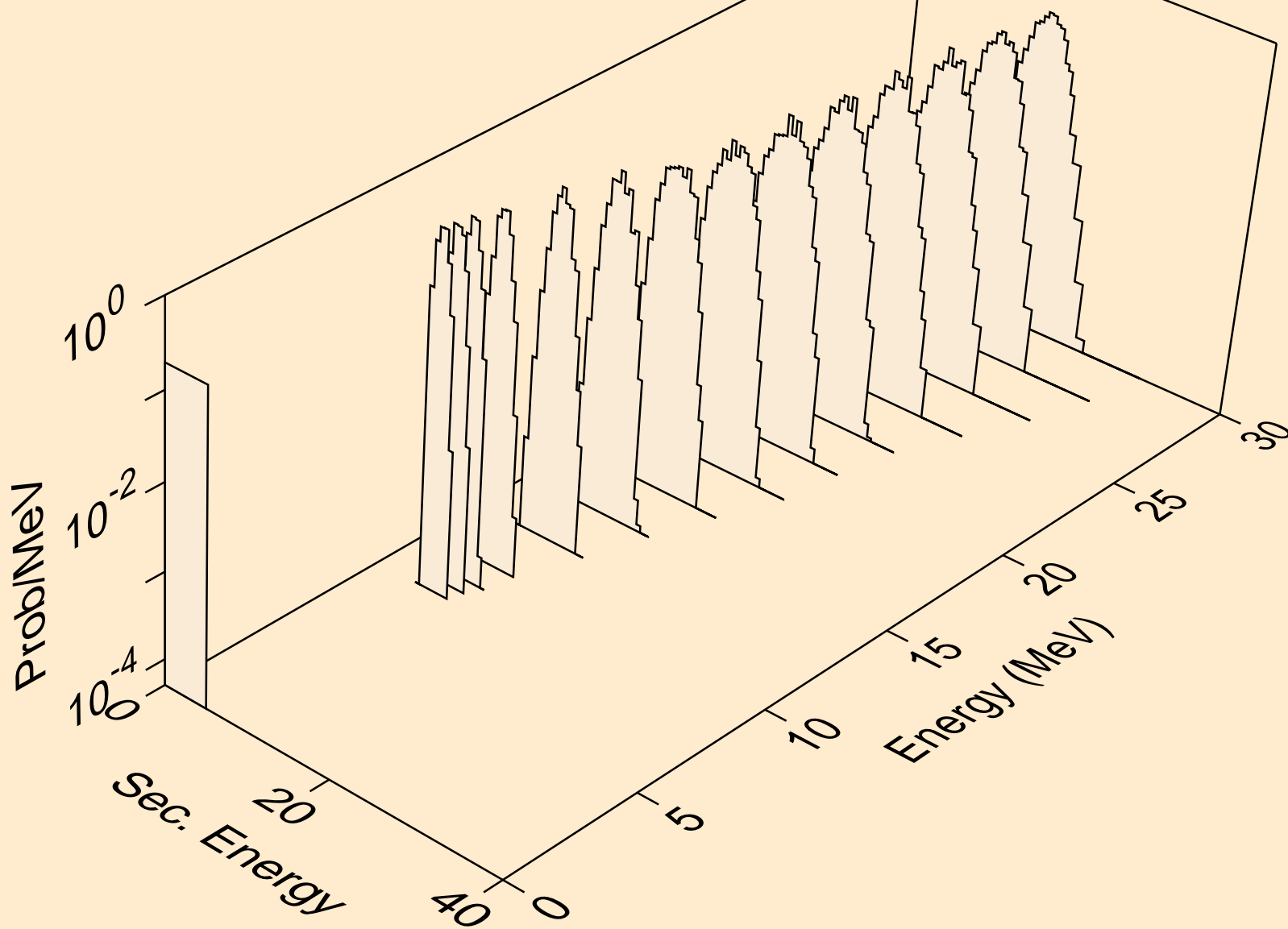


TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a

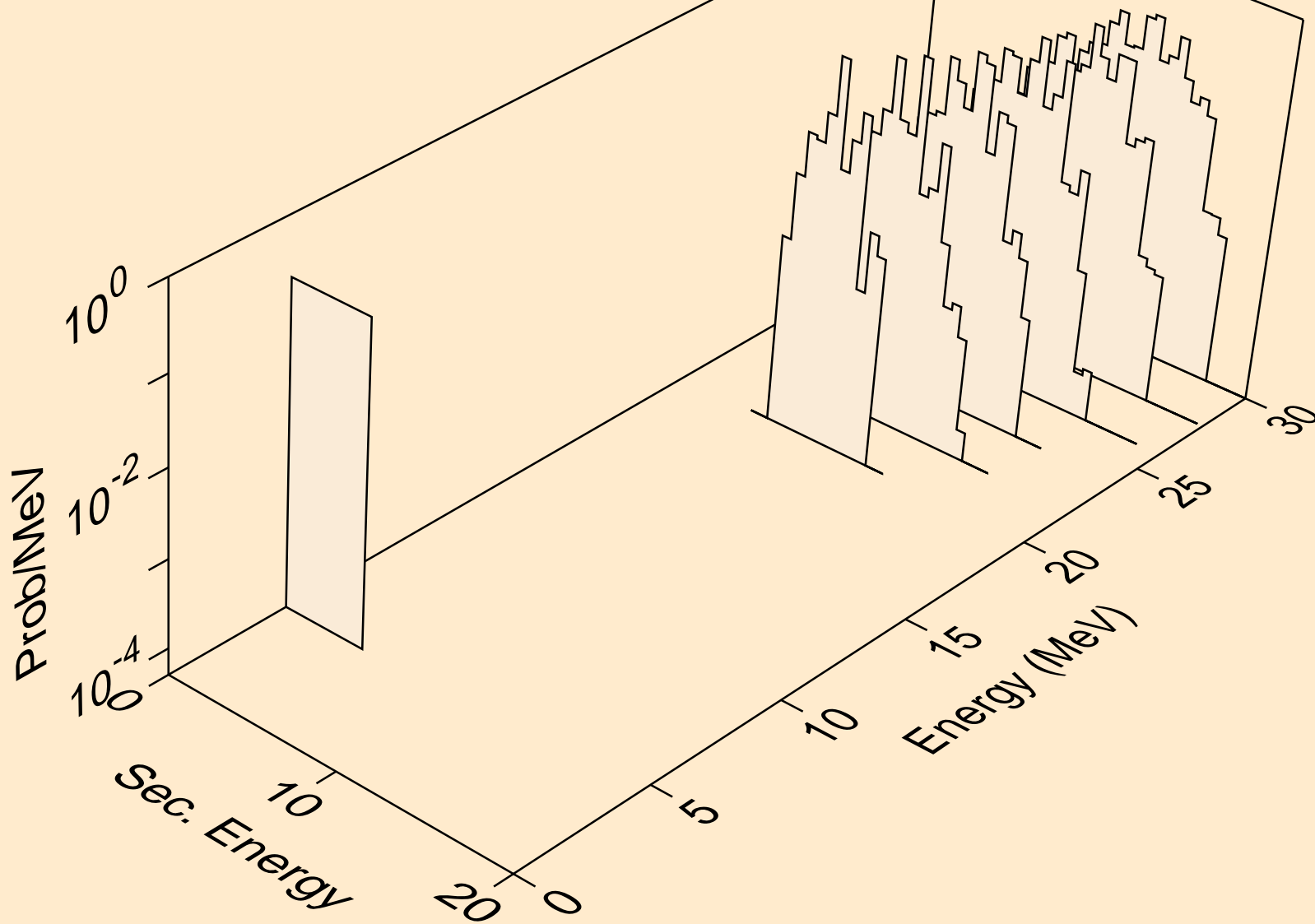




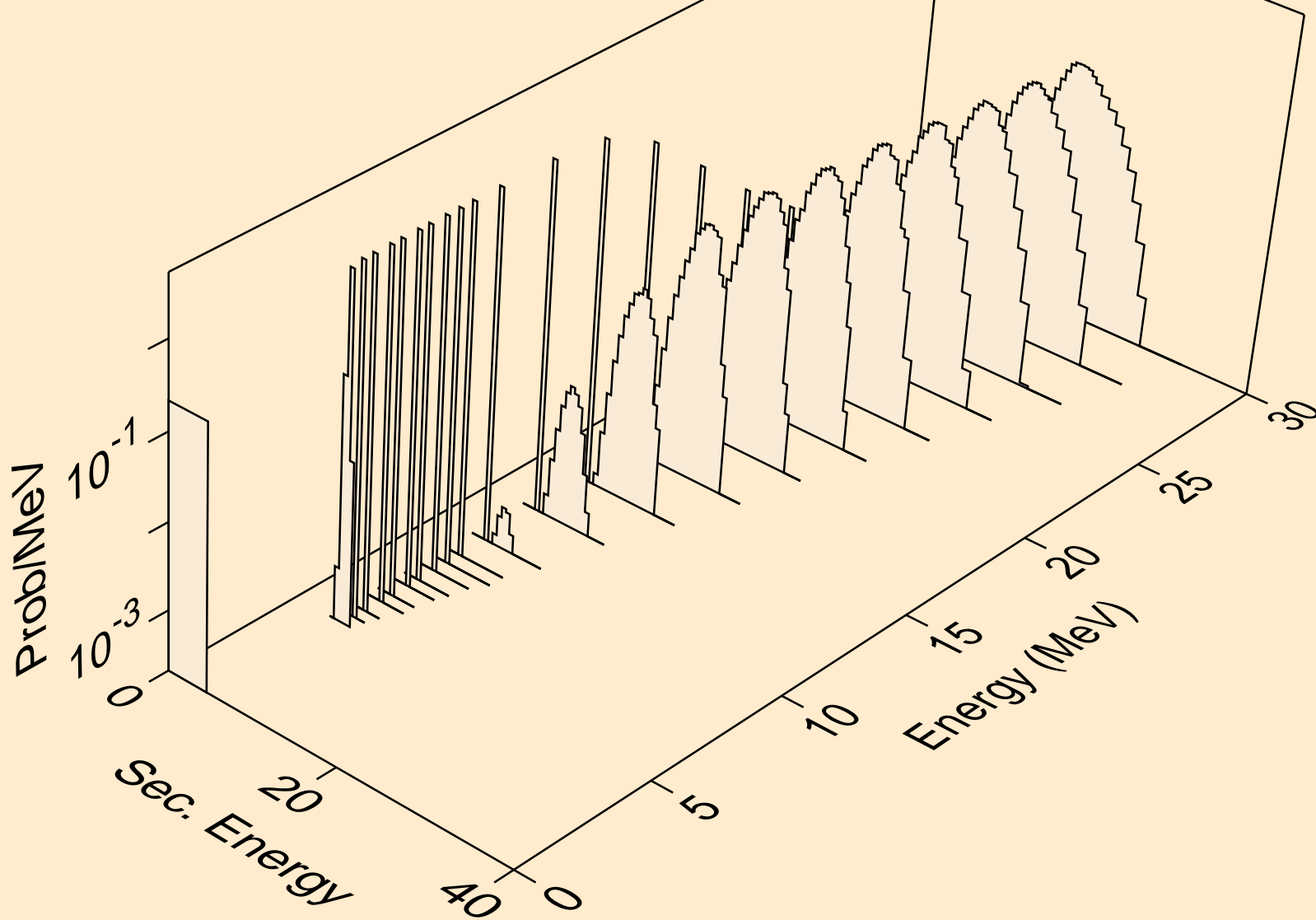
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



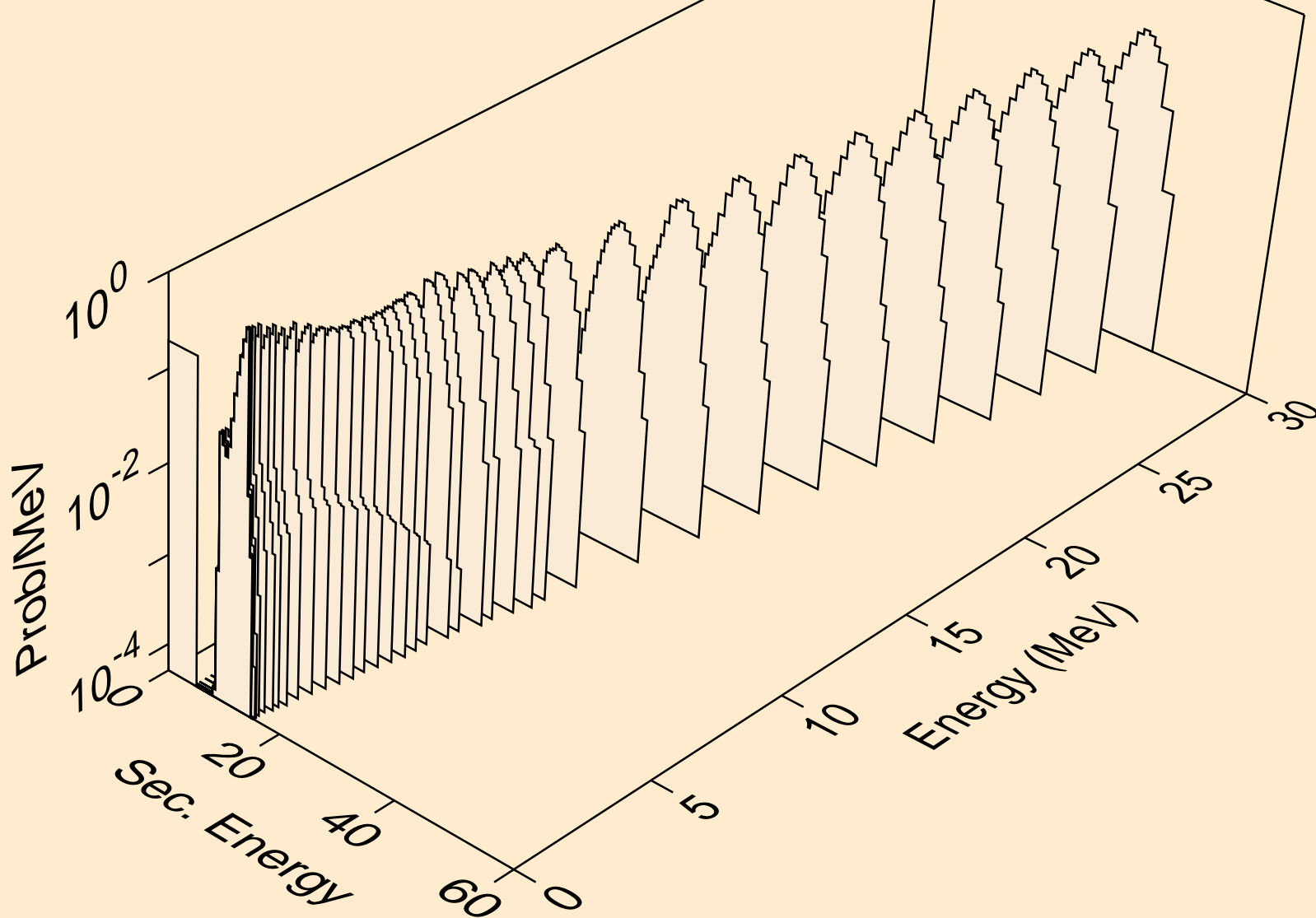
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a



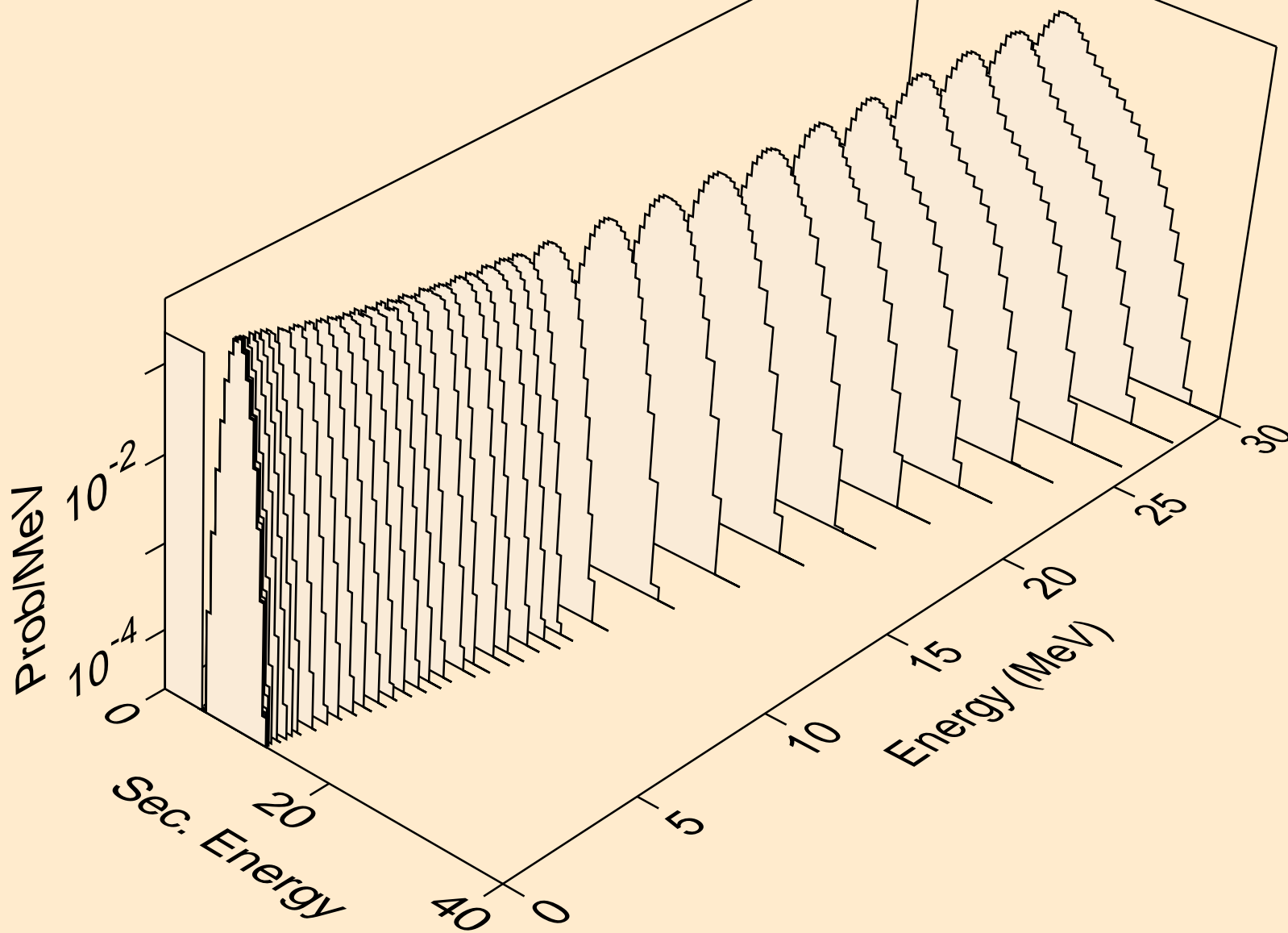
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



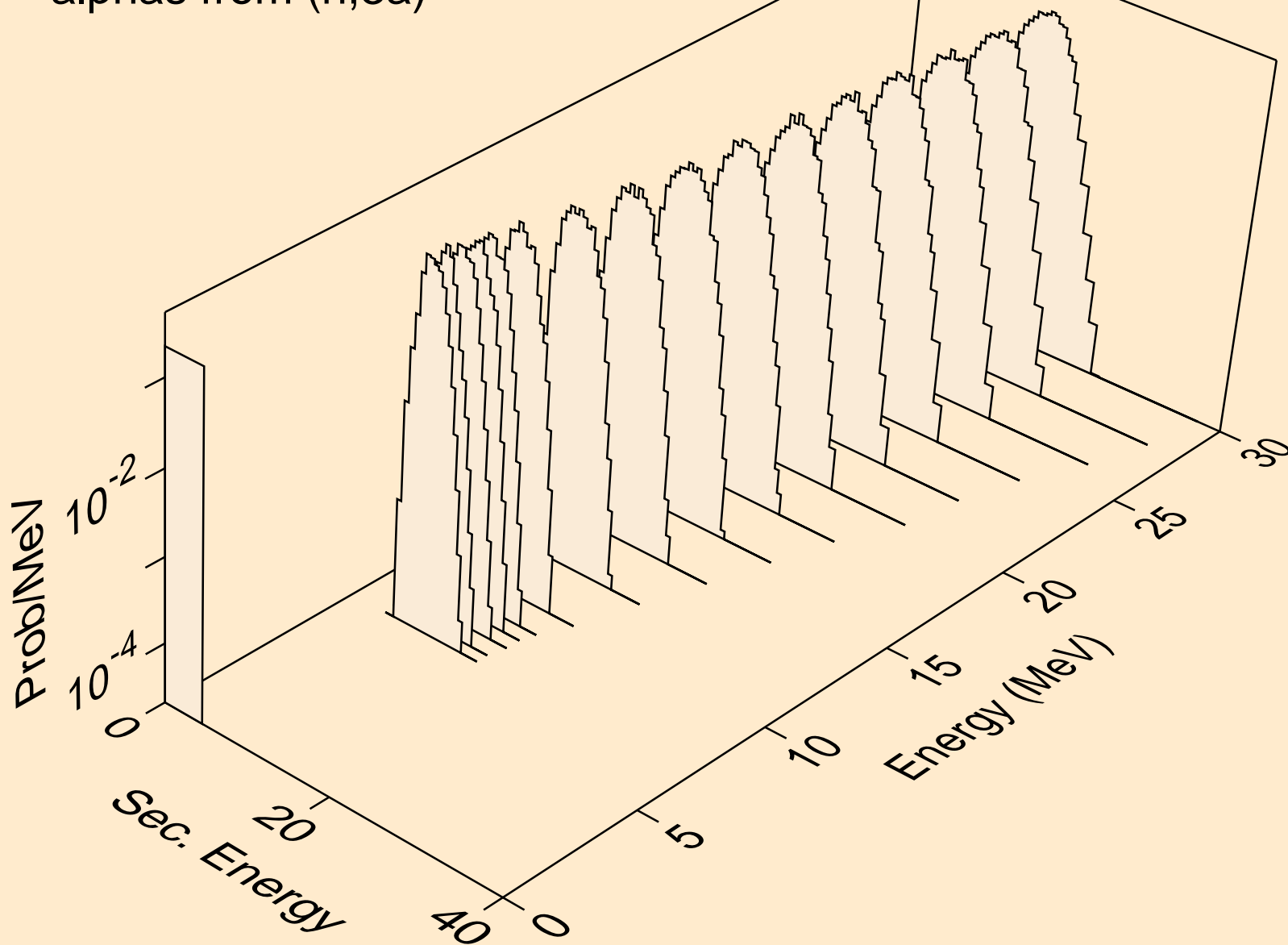
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



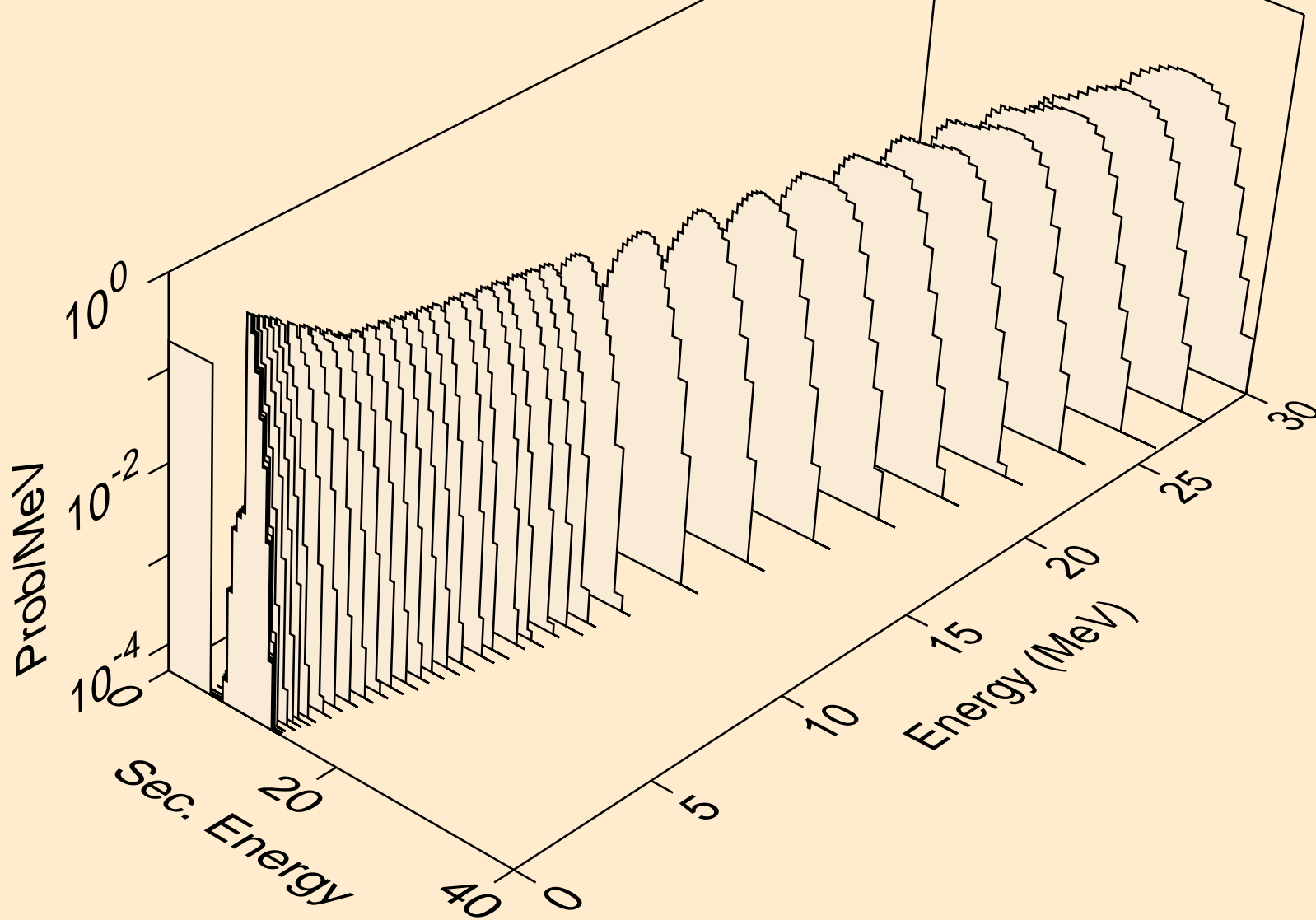
TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



TM152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

