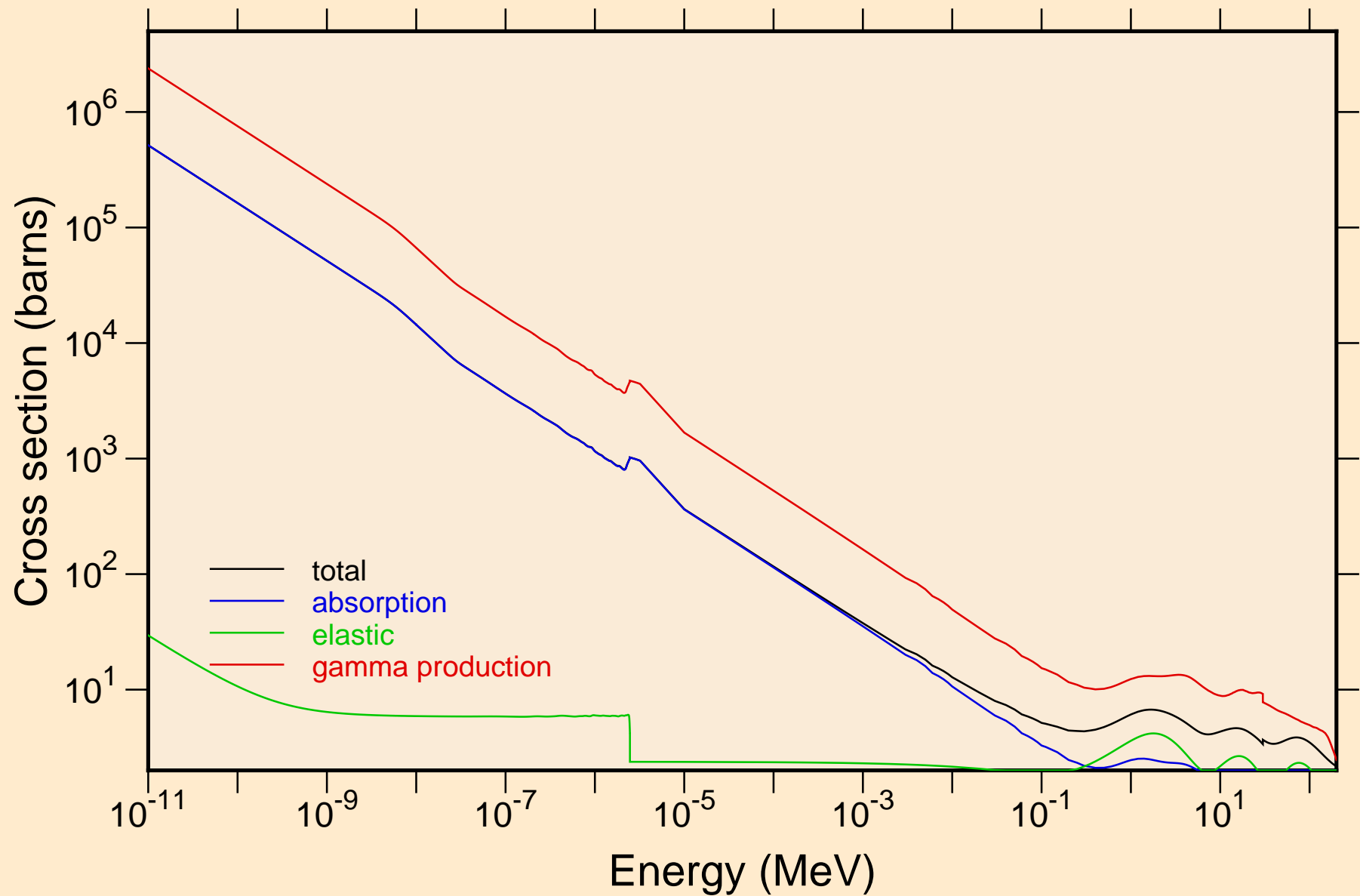
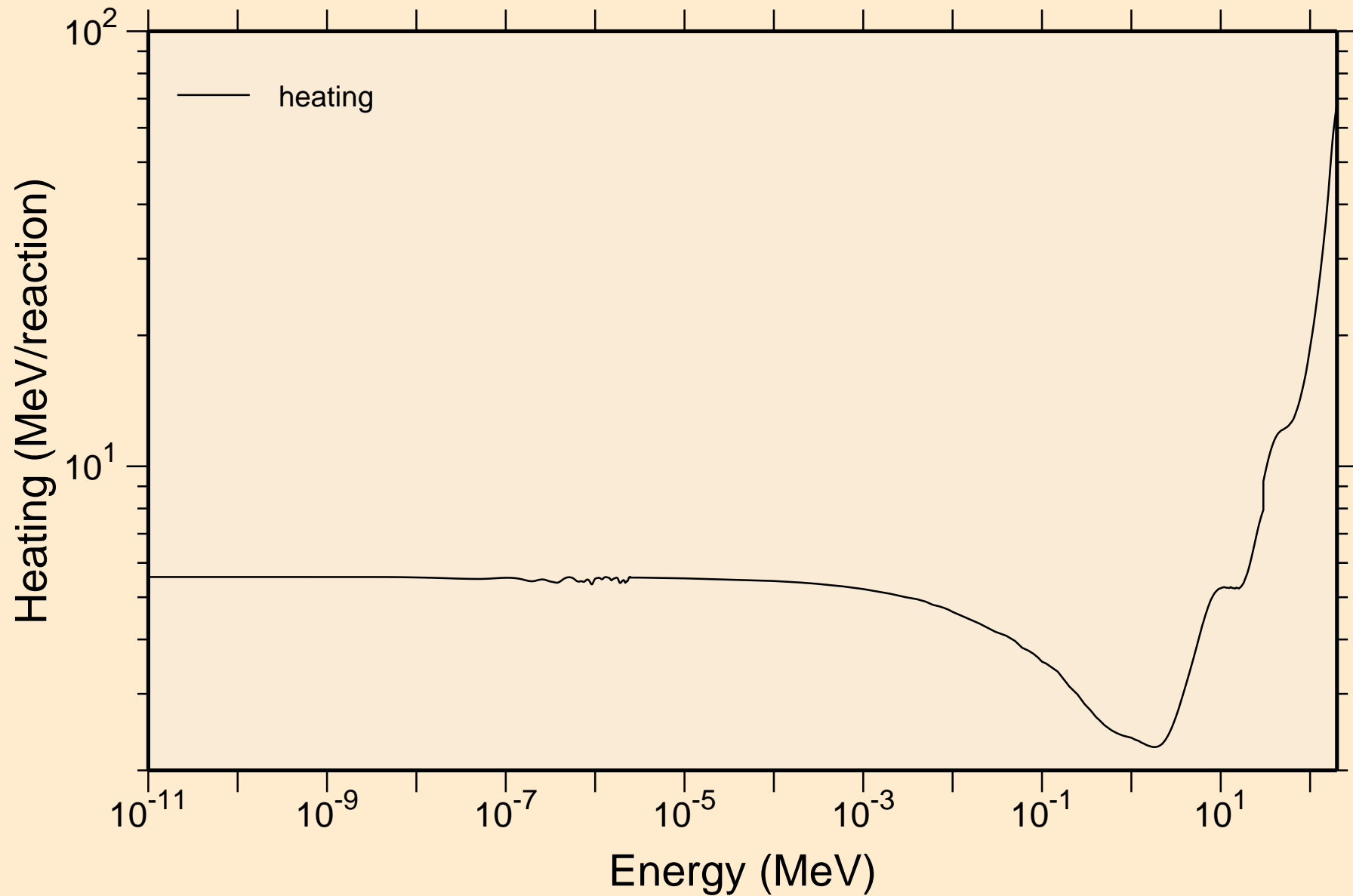


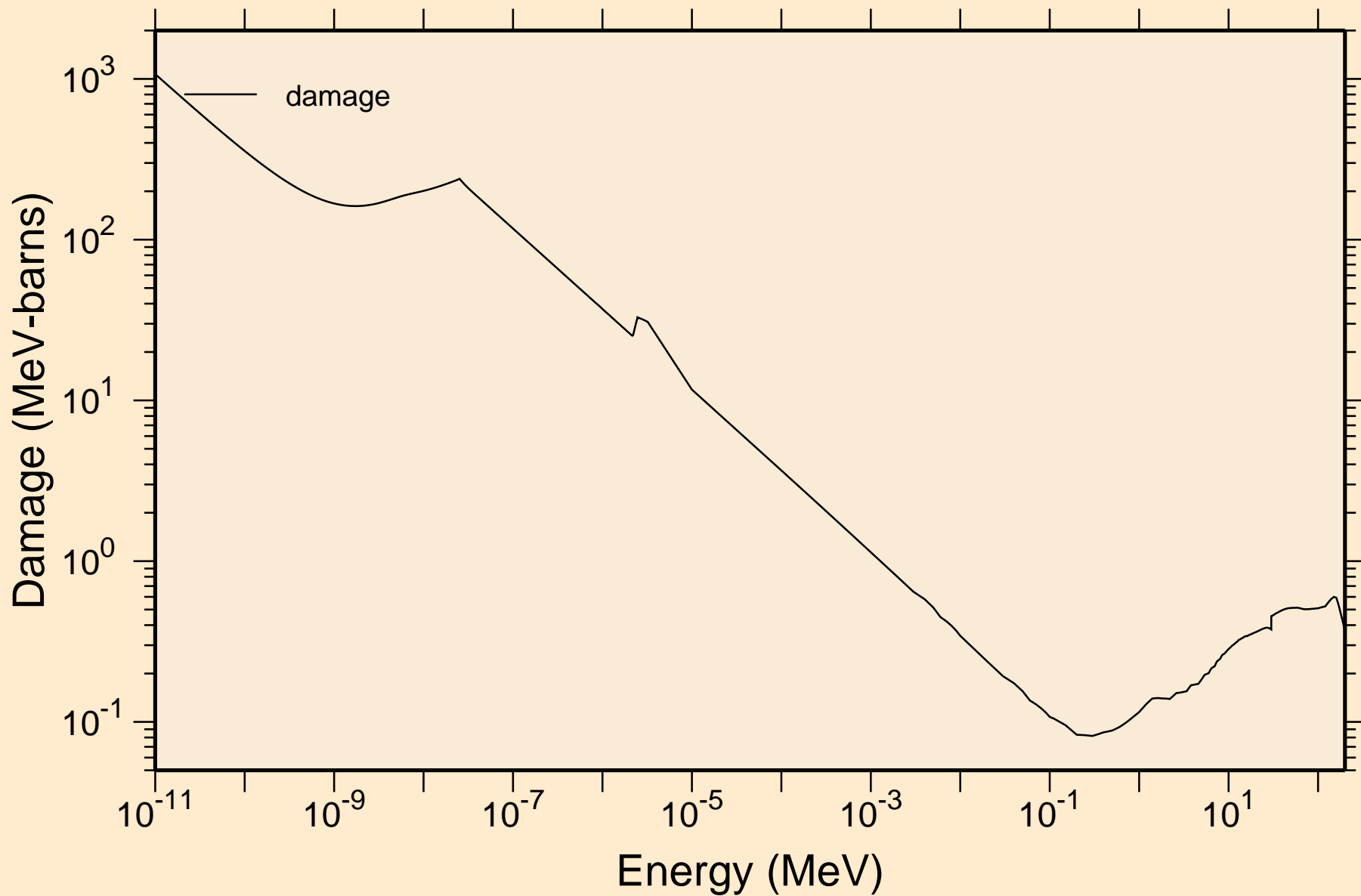
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



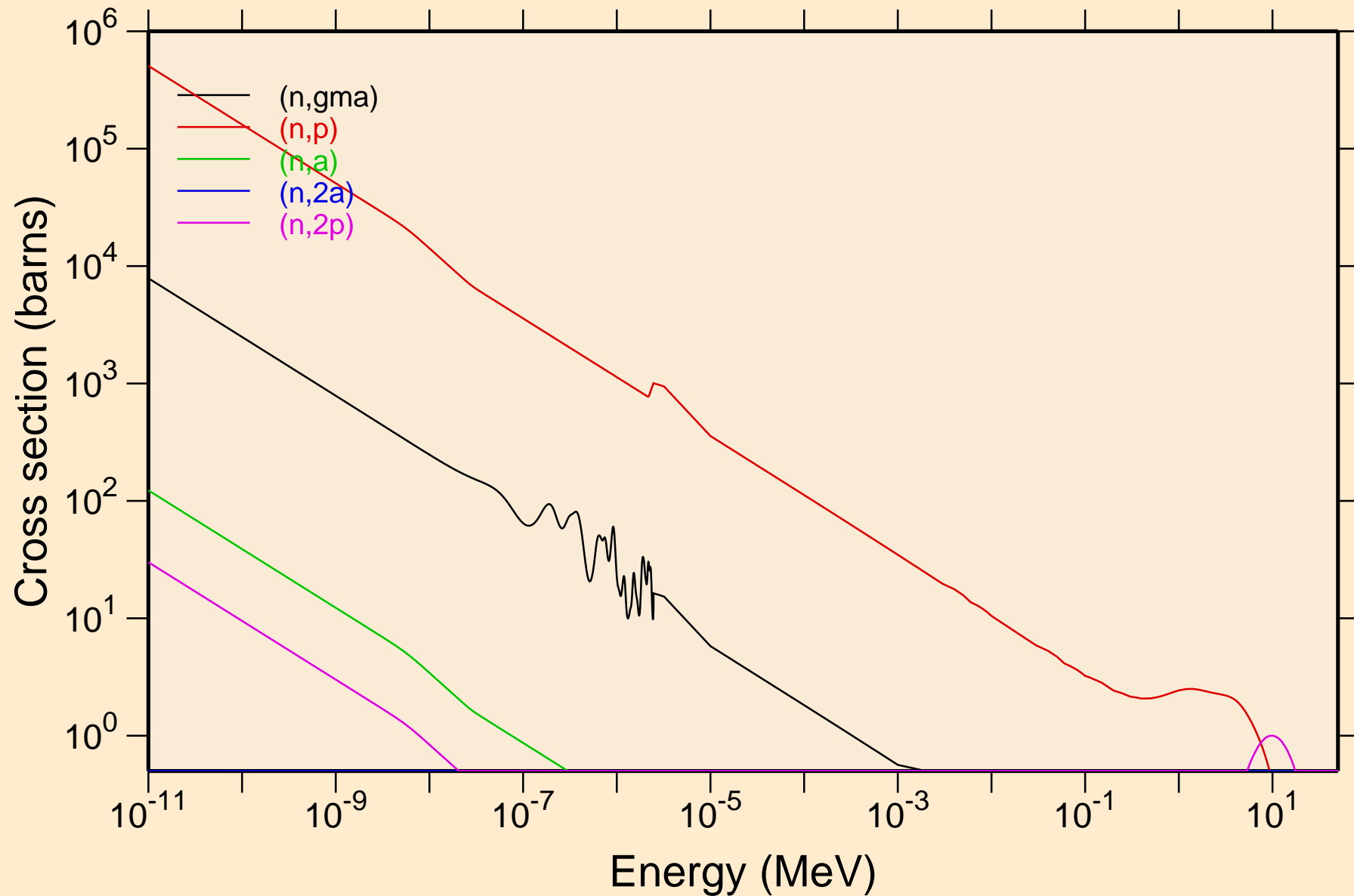
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



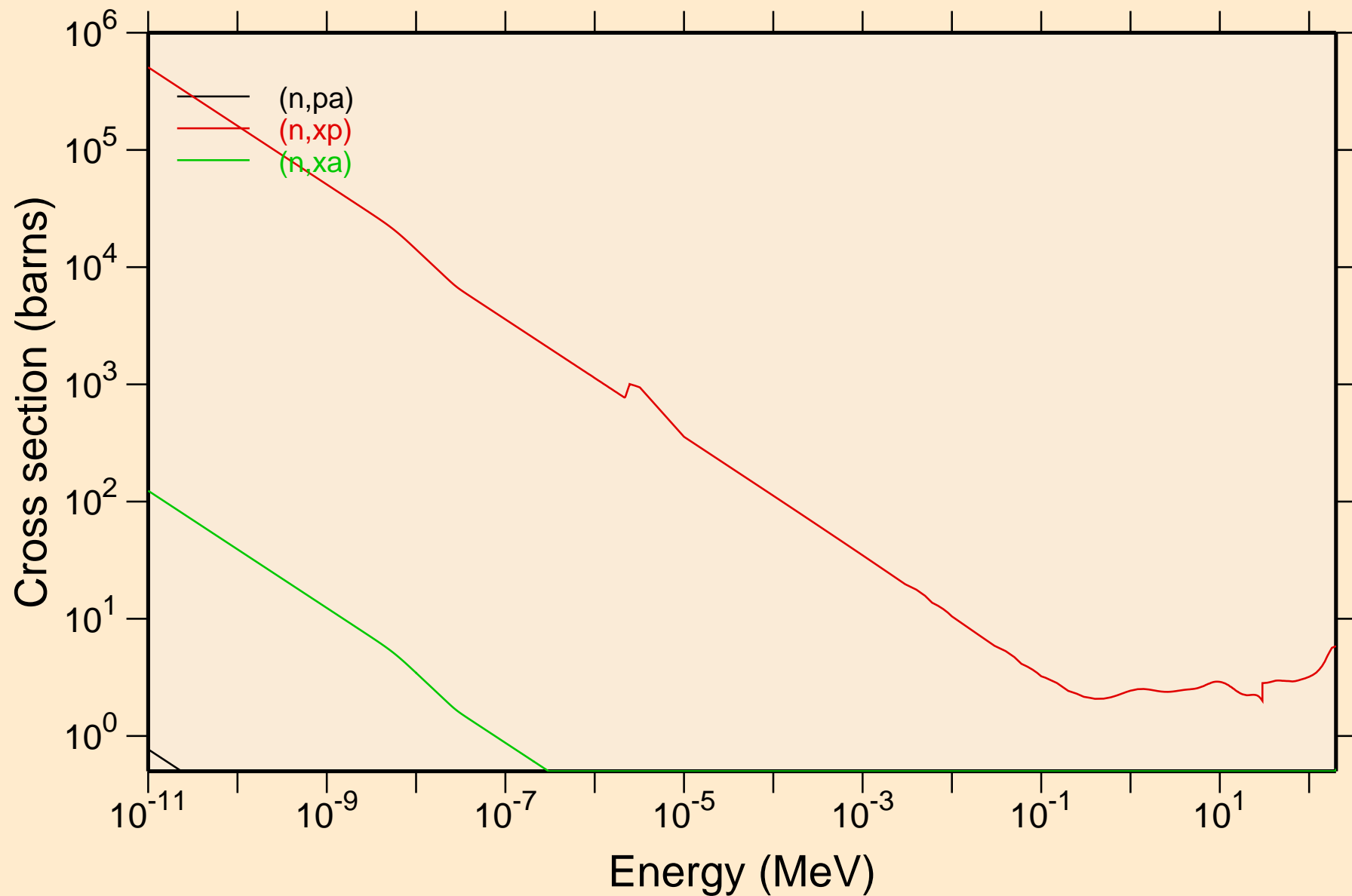
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



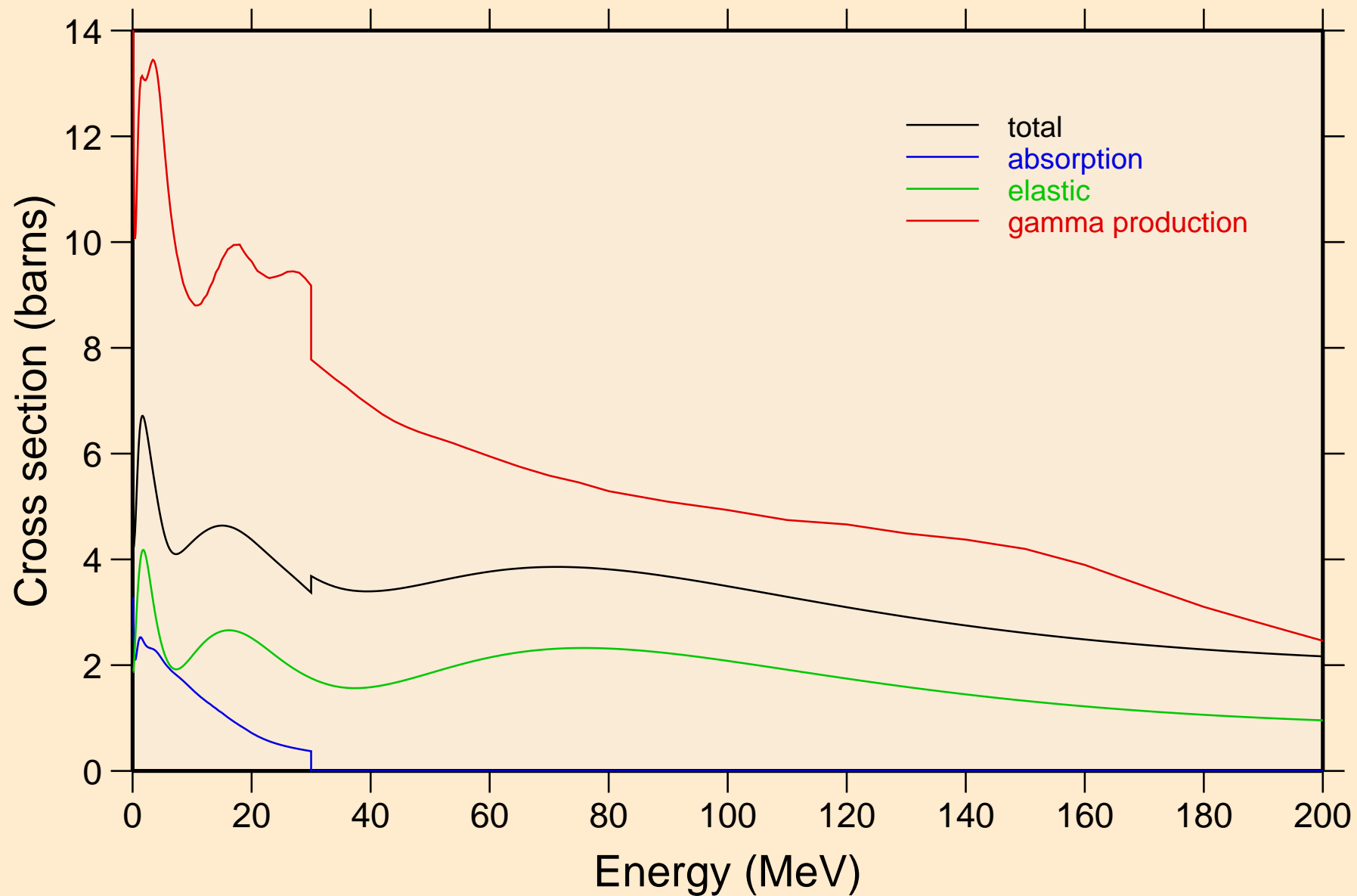
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



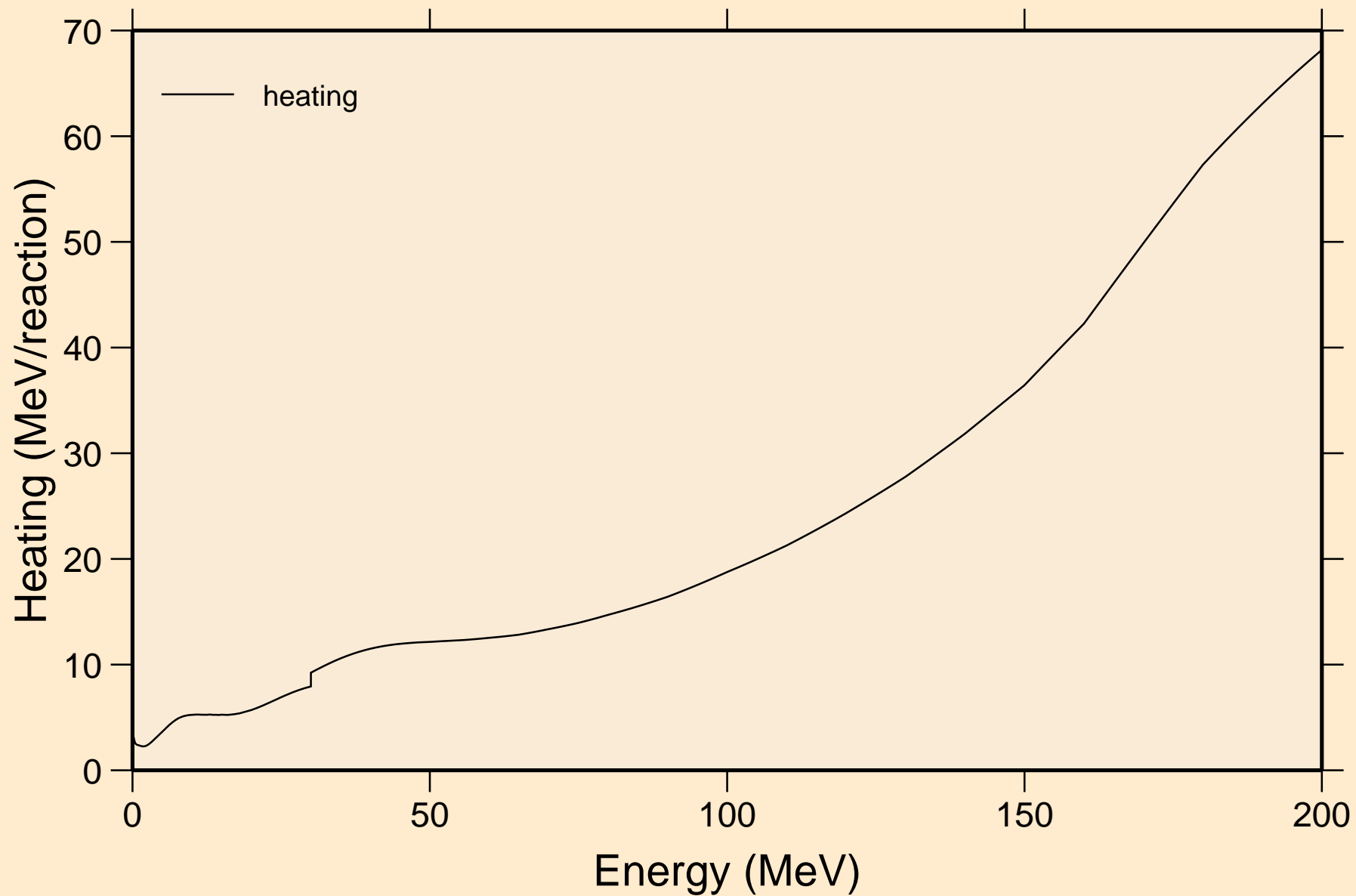
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



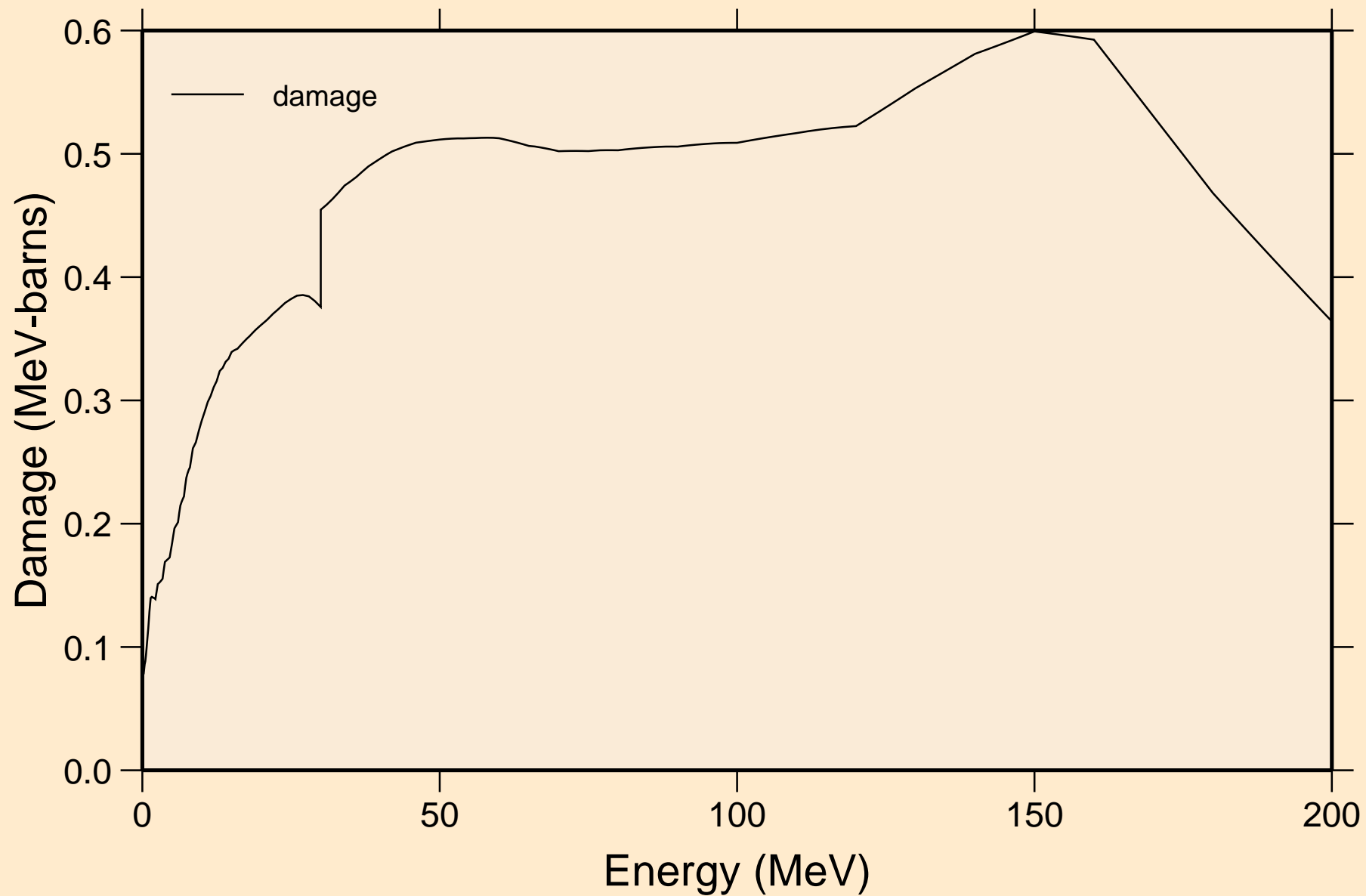
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

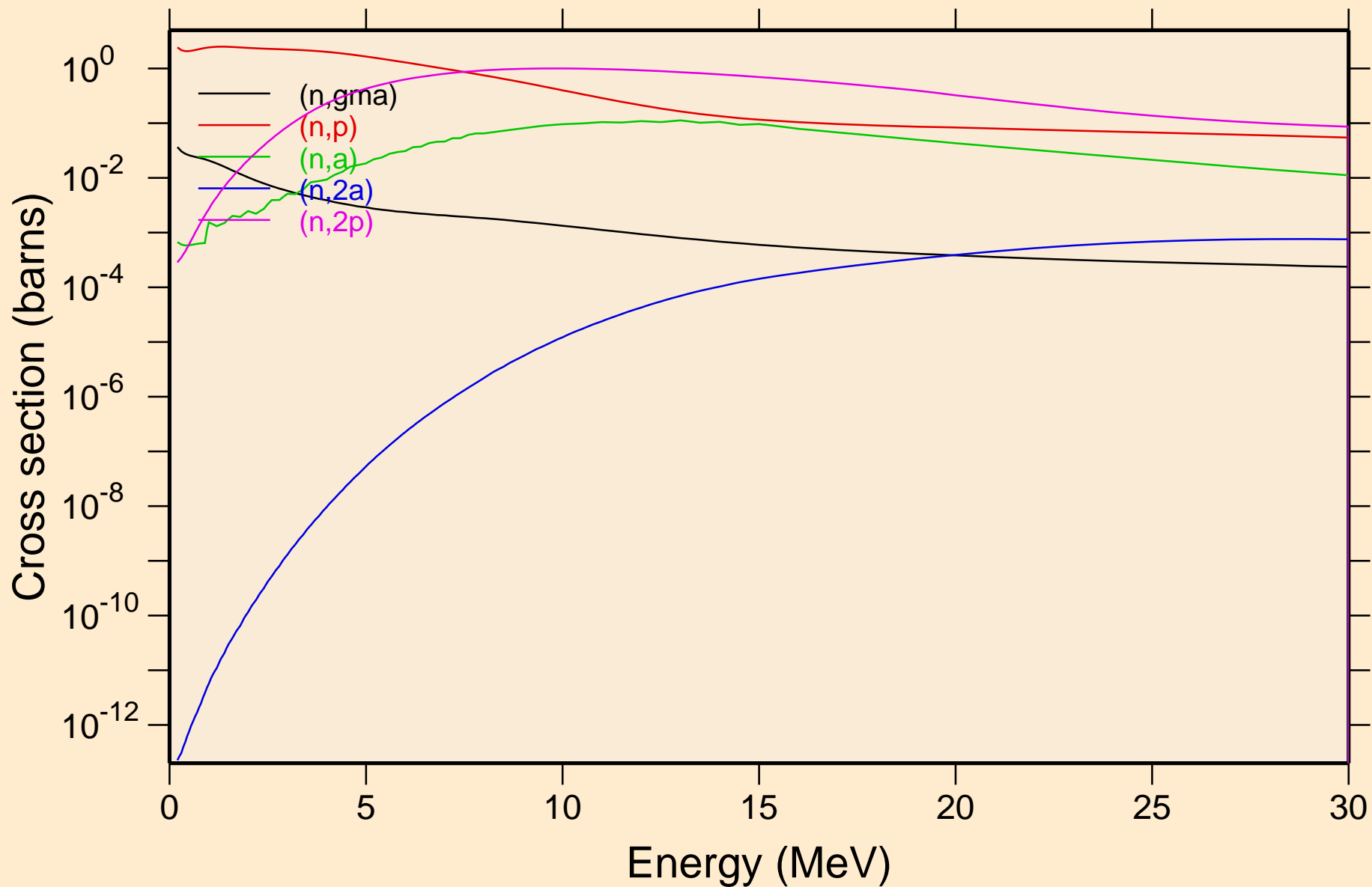


# PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

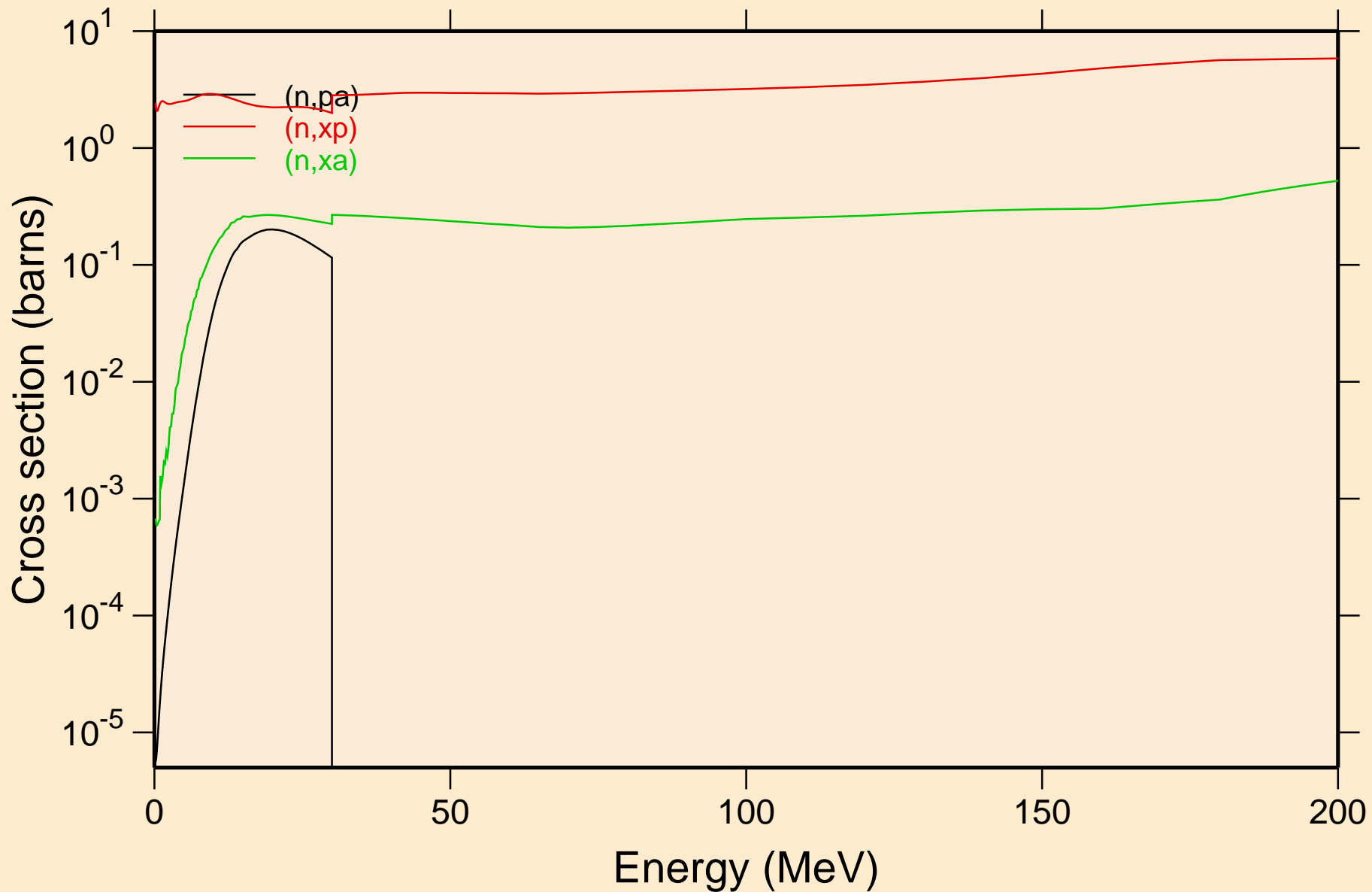




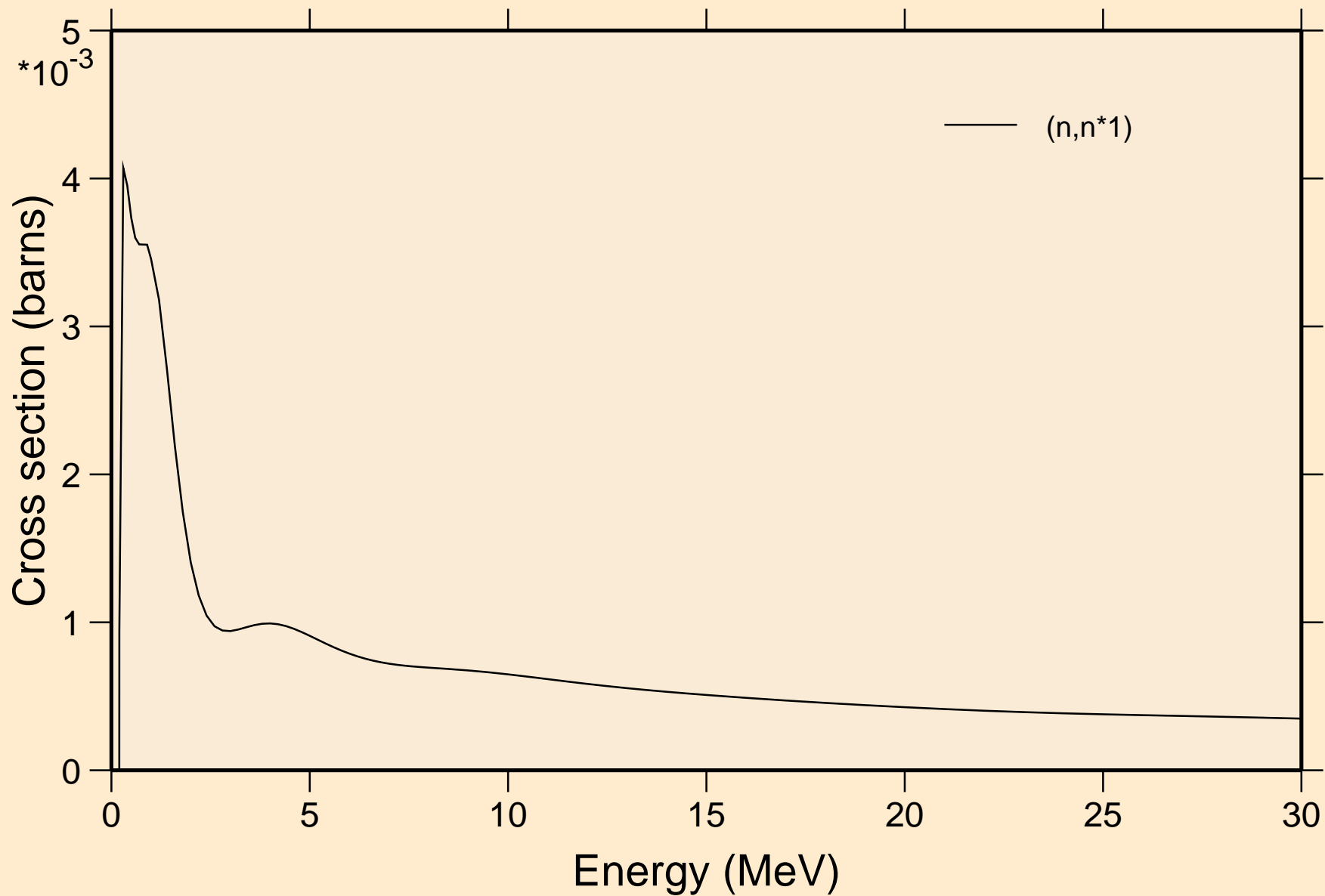
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



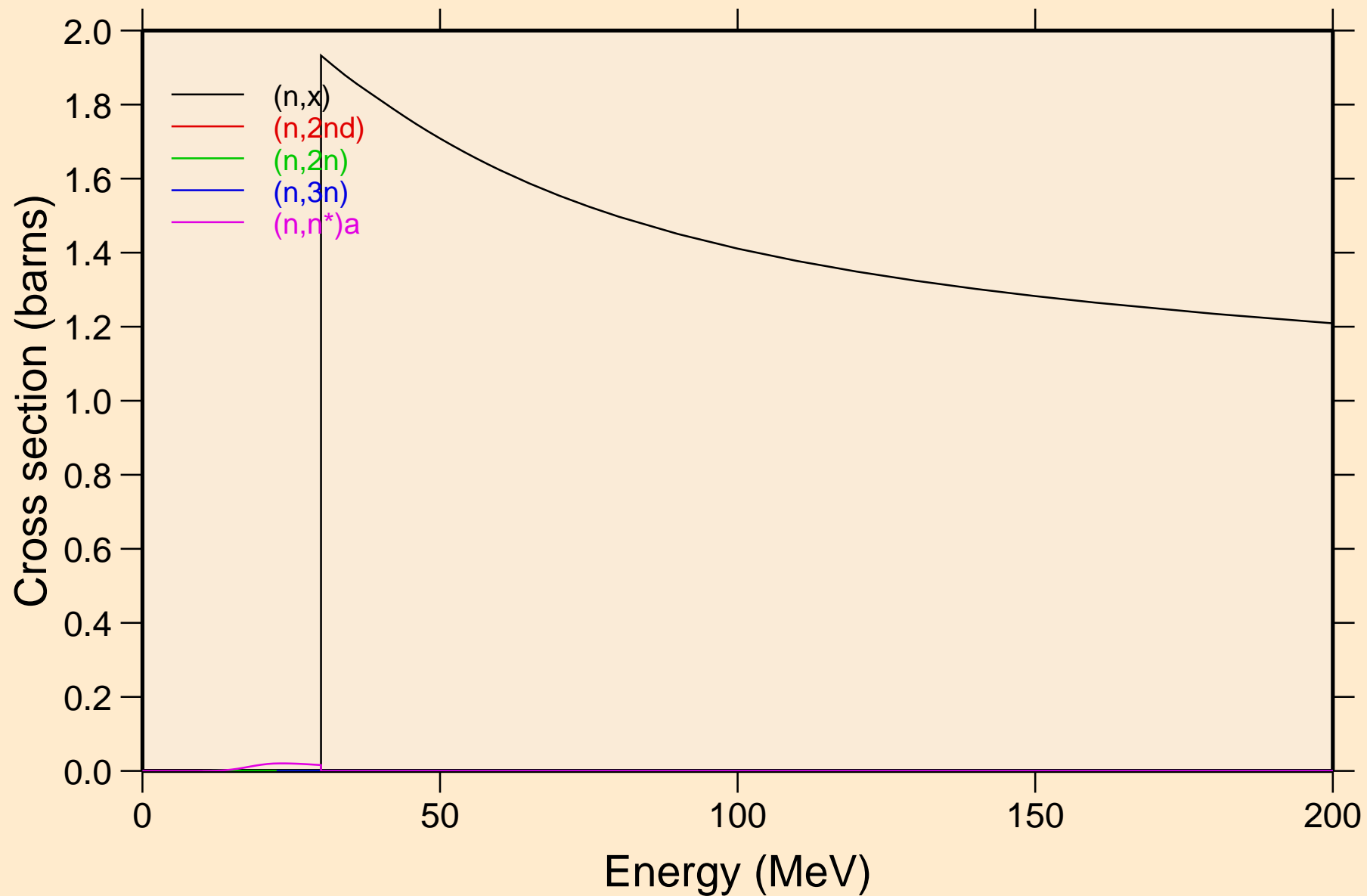
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



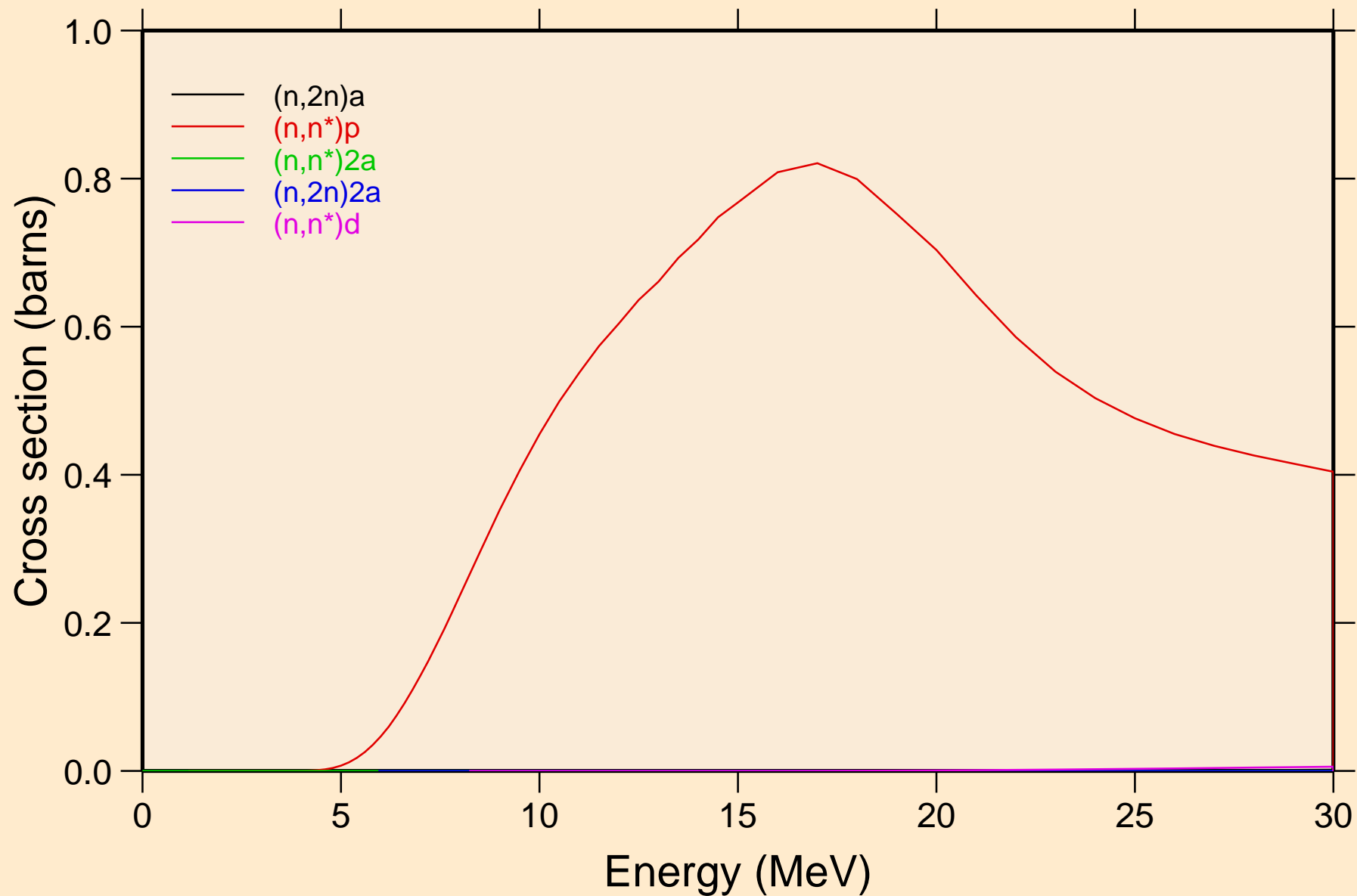
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



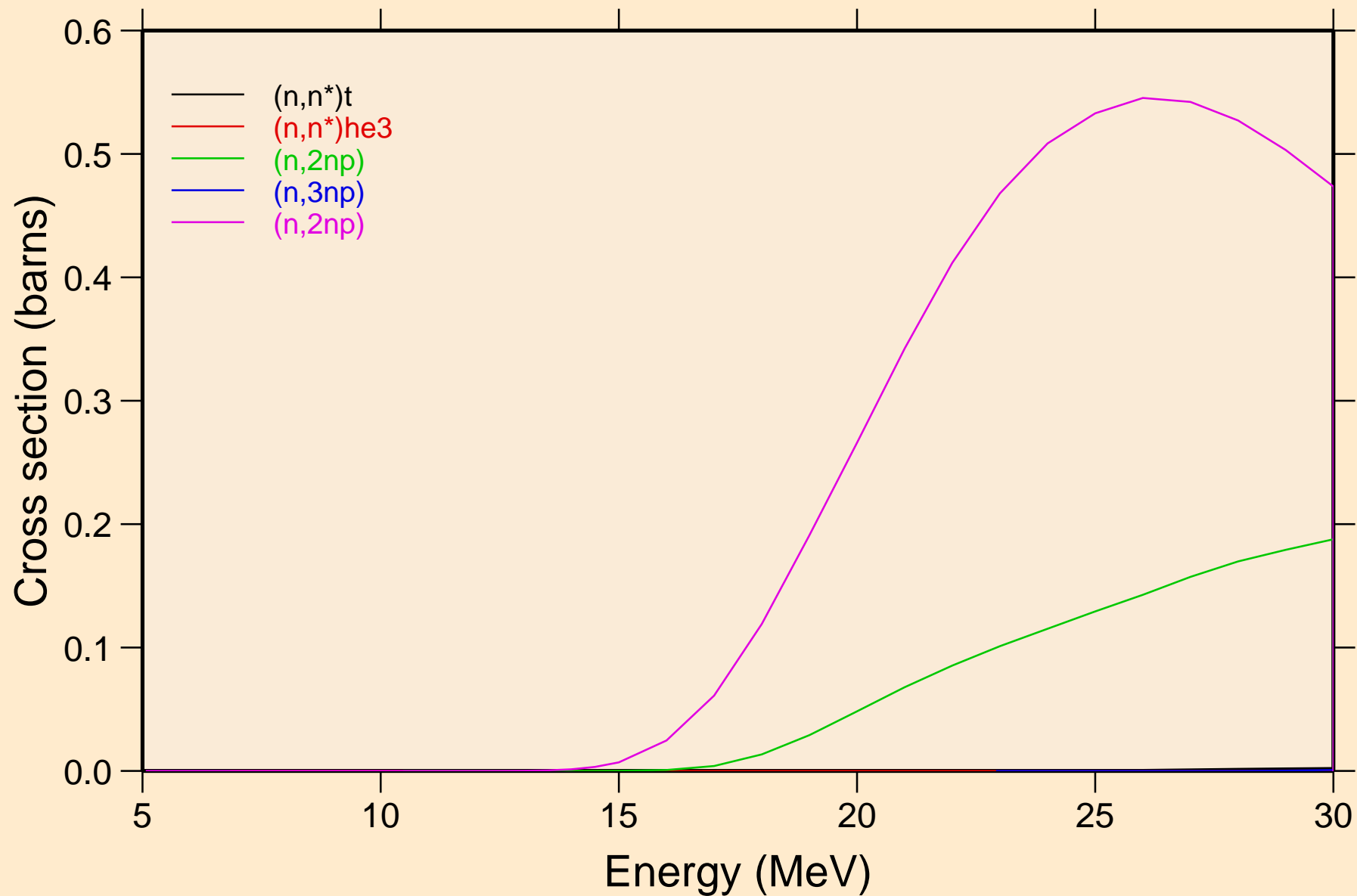
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



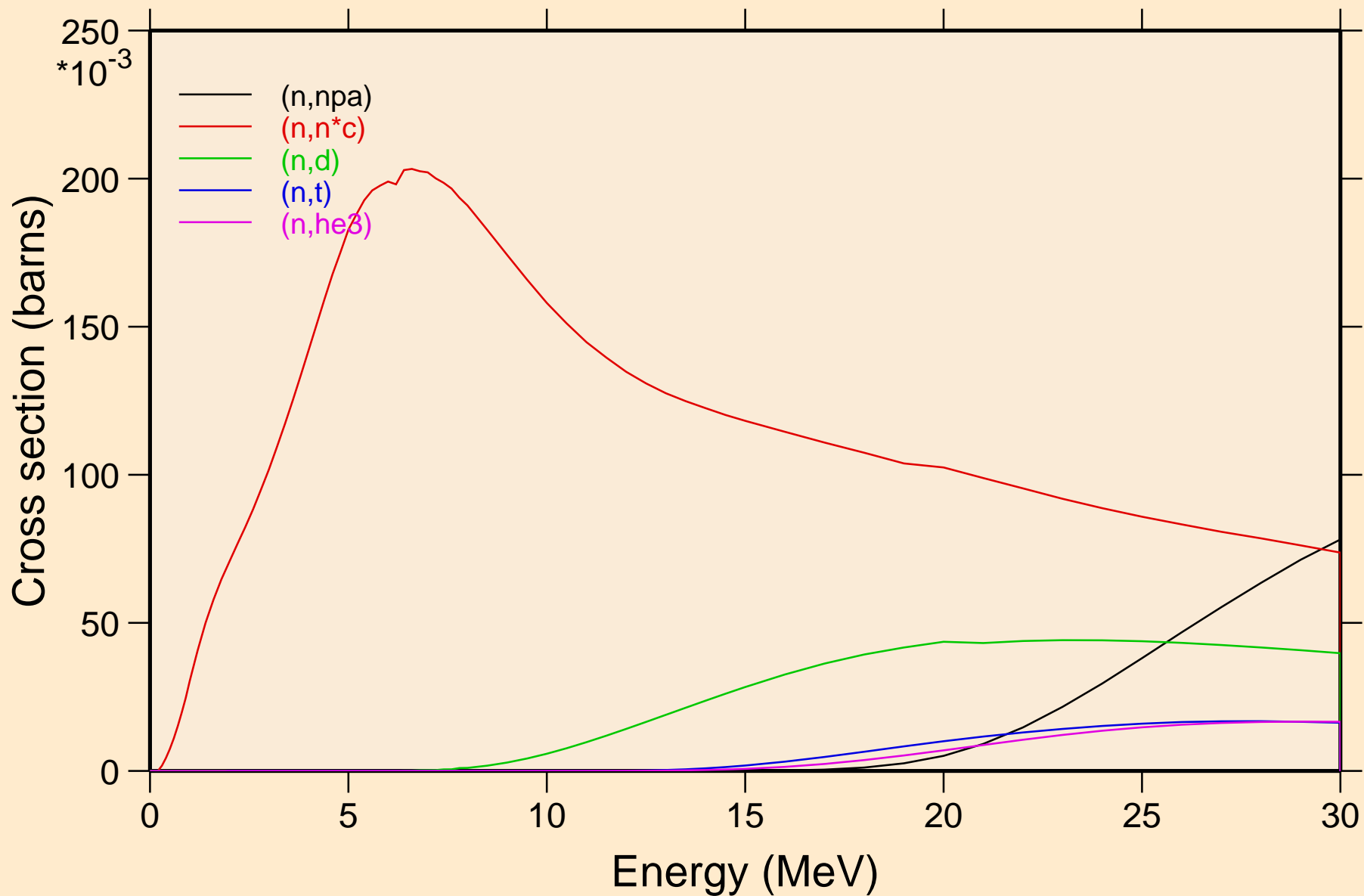
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



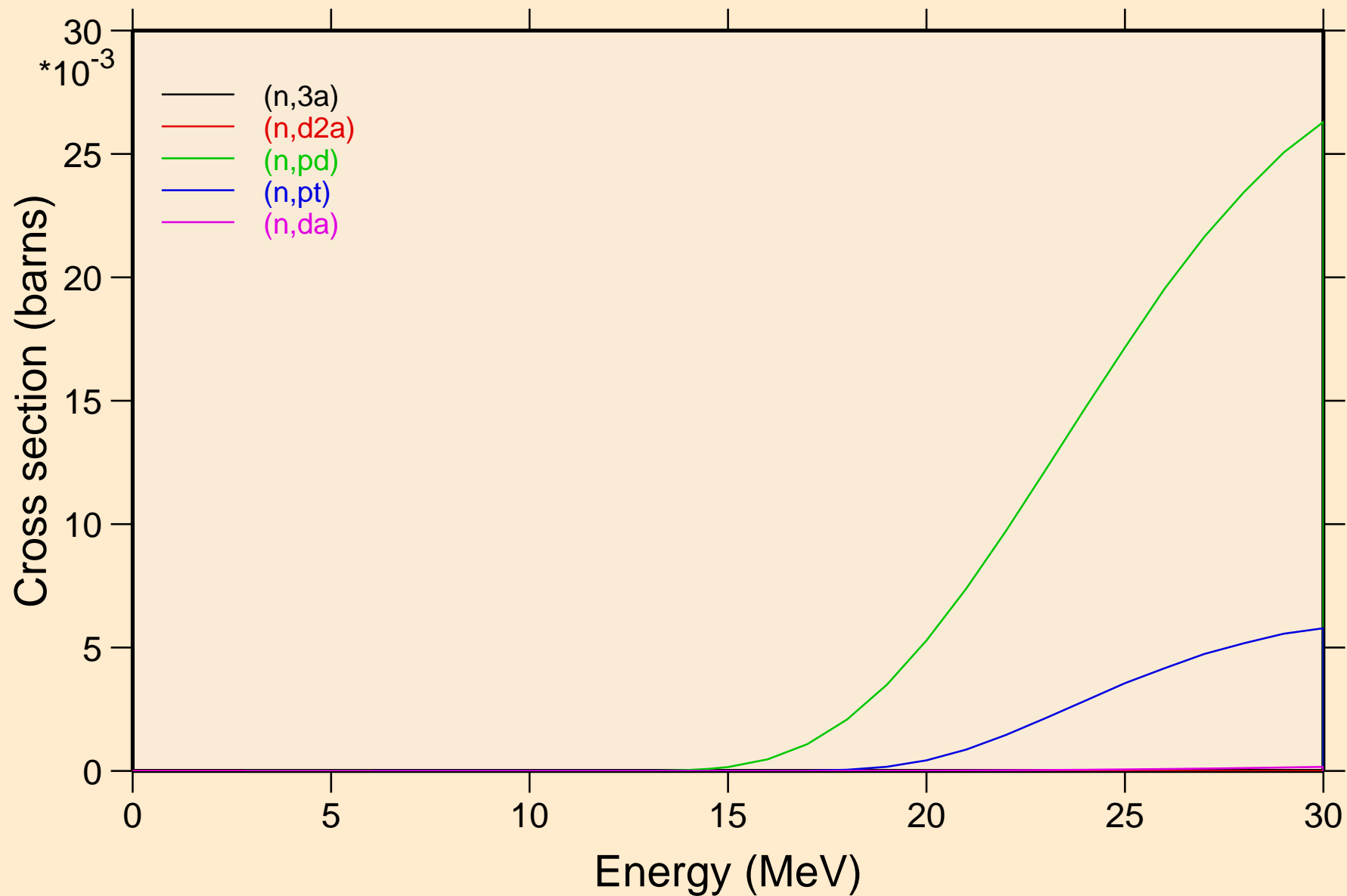
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

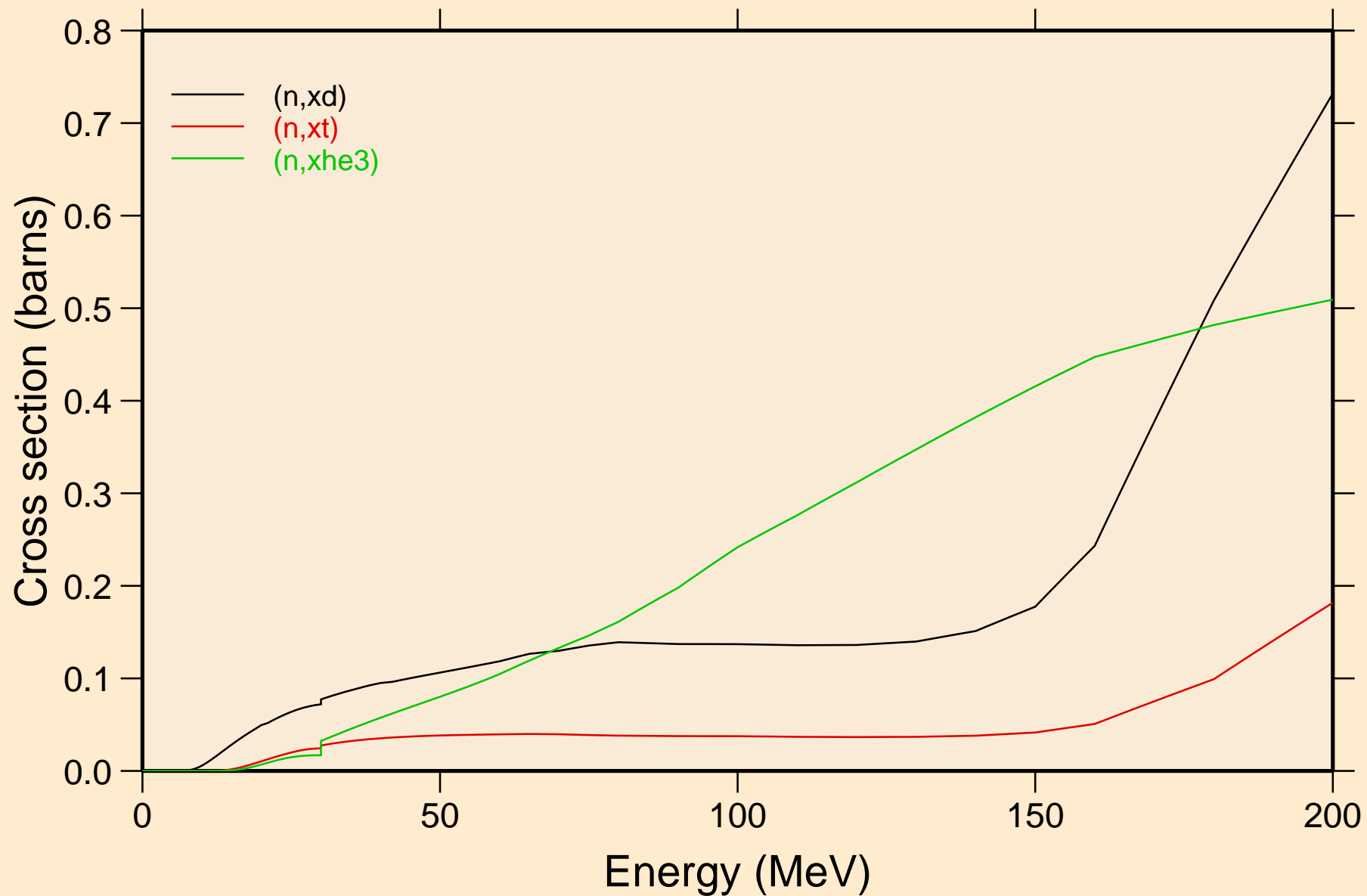


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

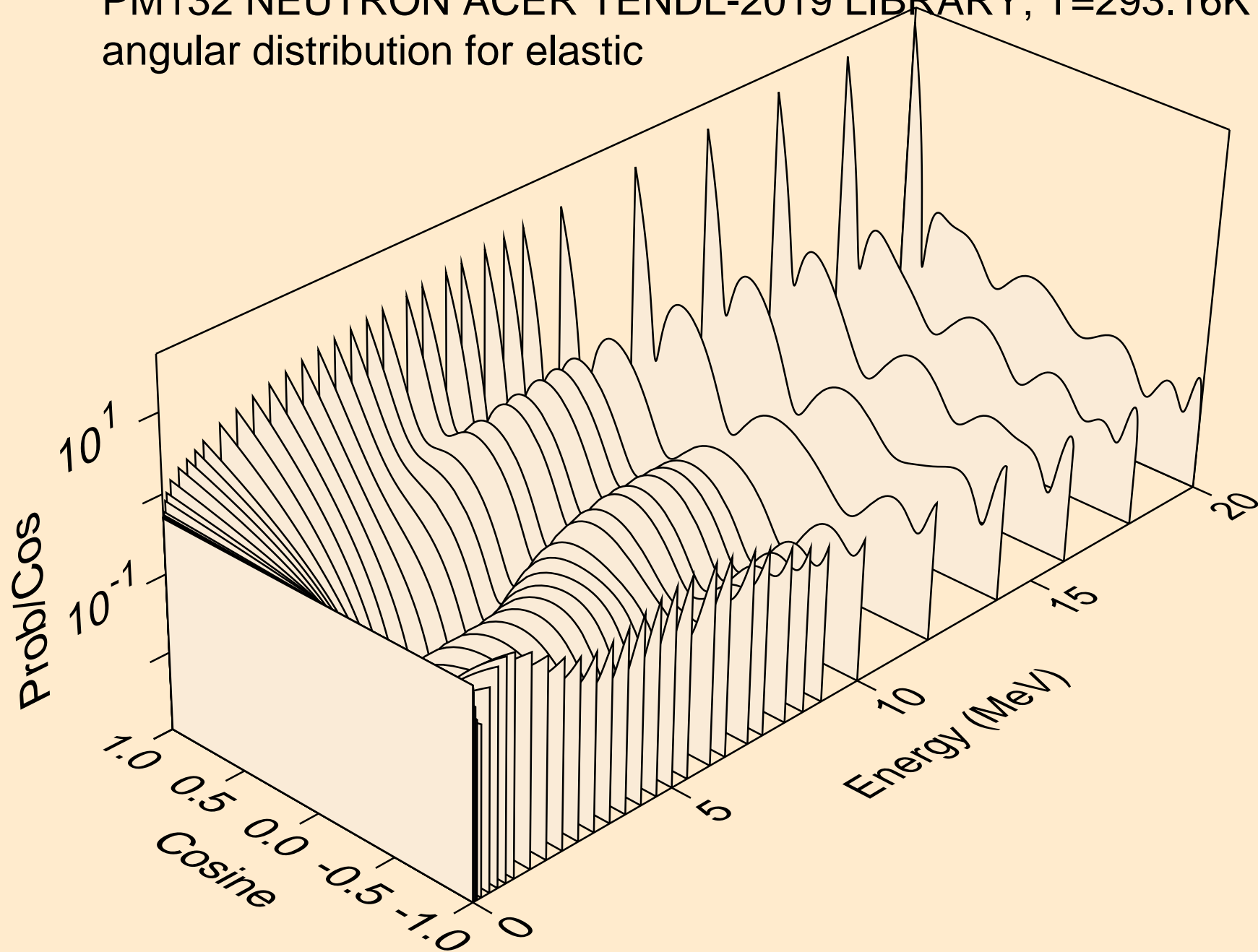




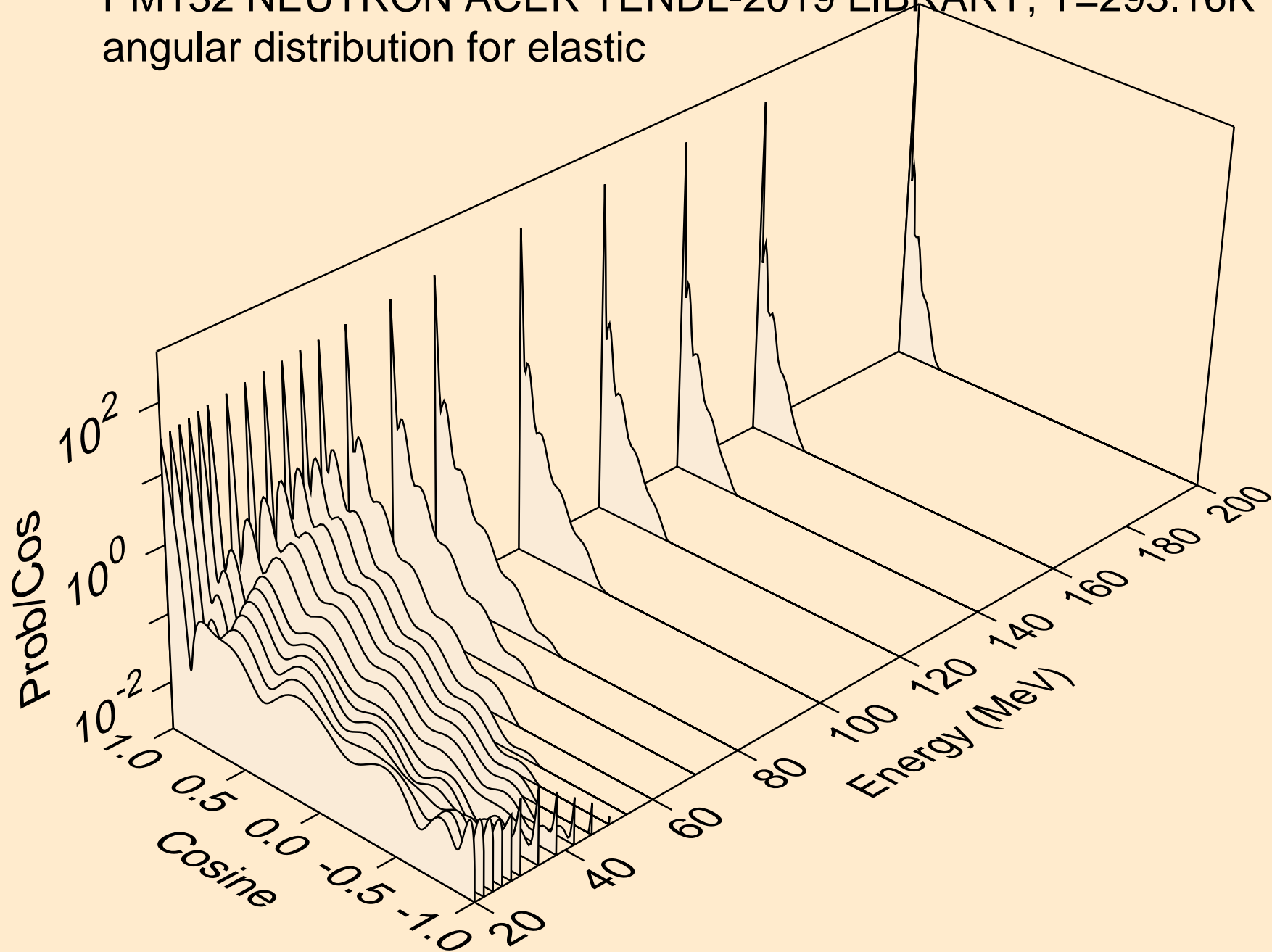
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



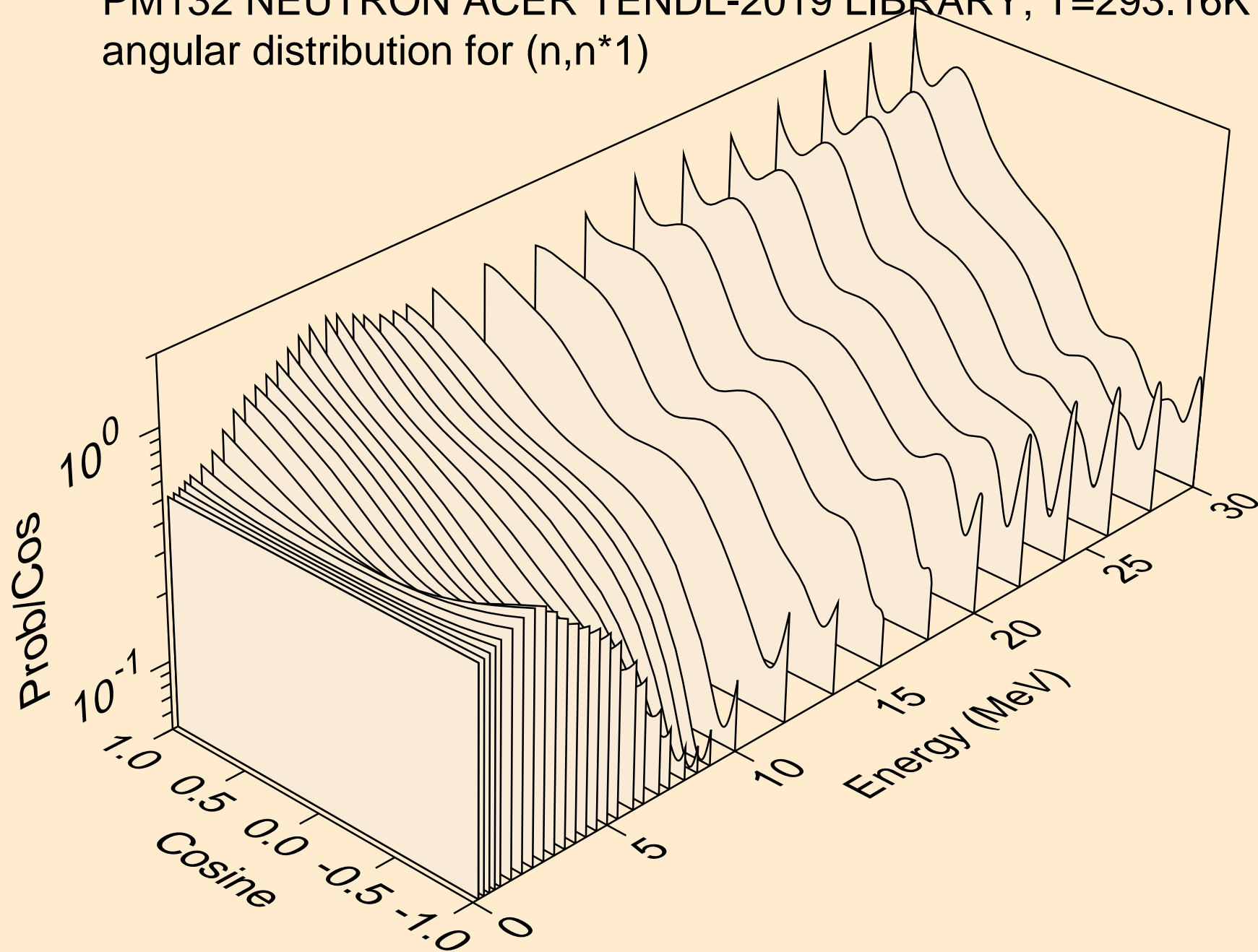
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



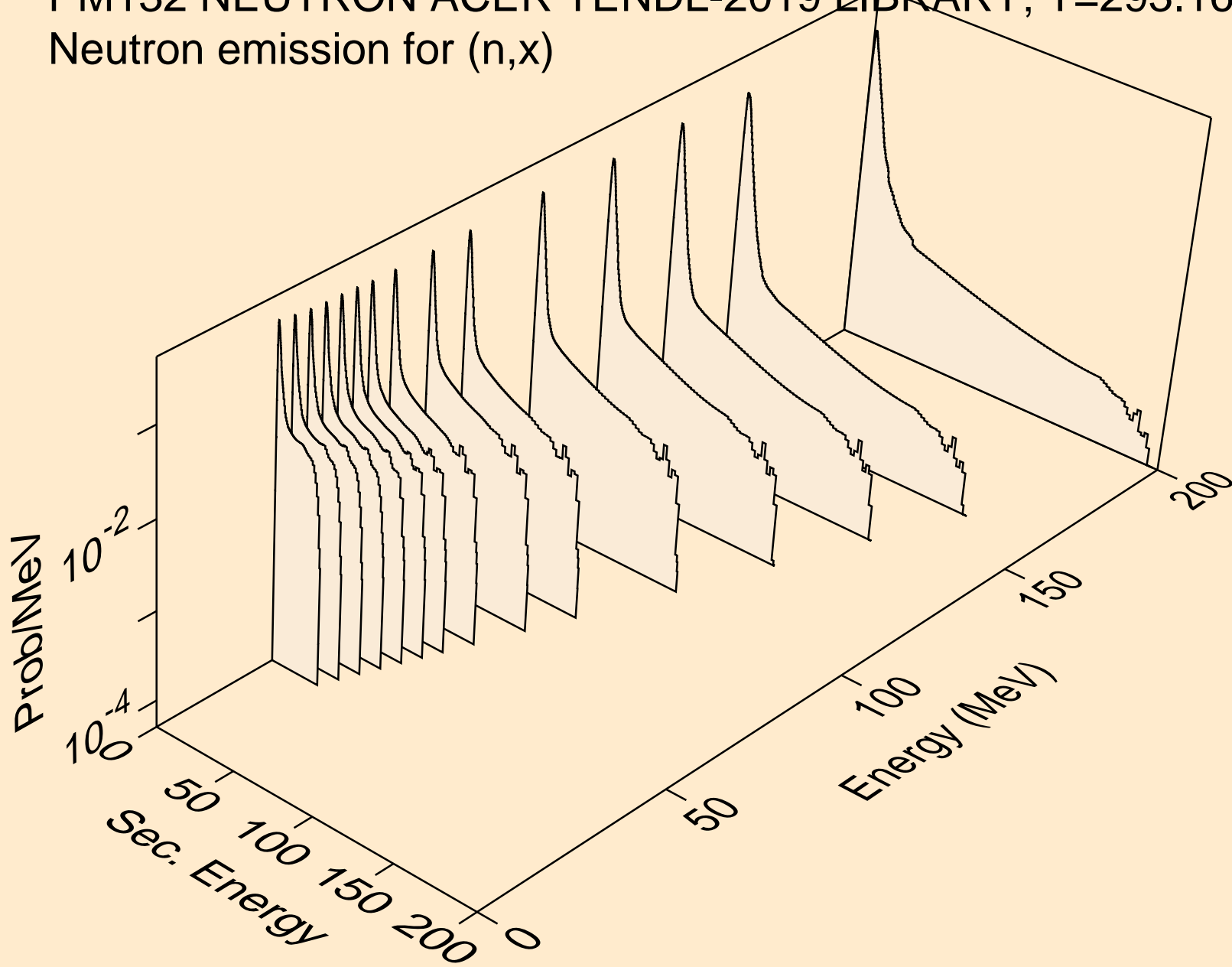
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



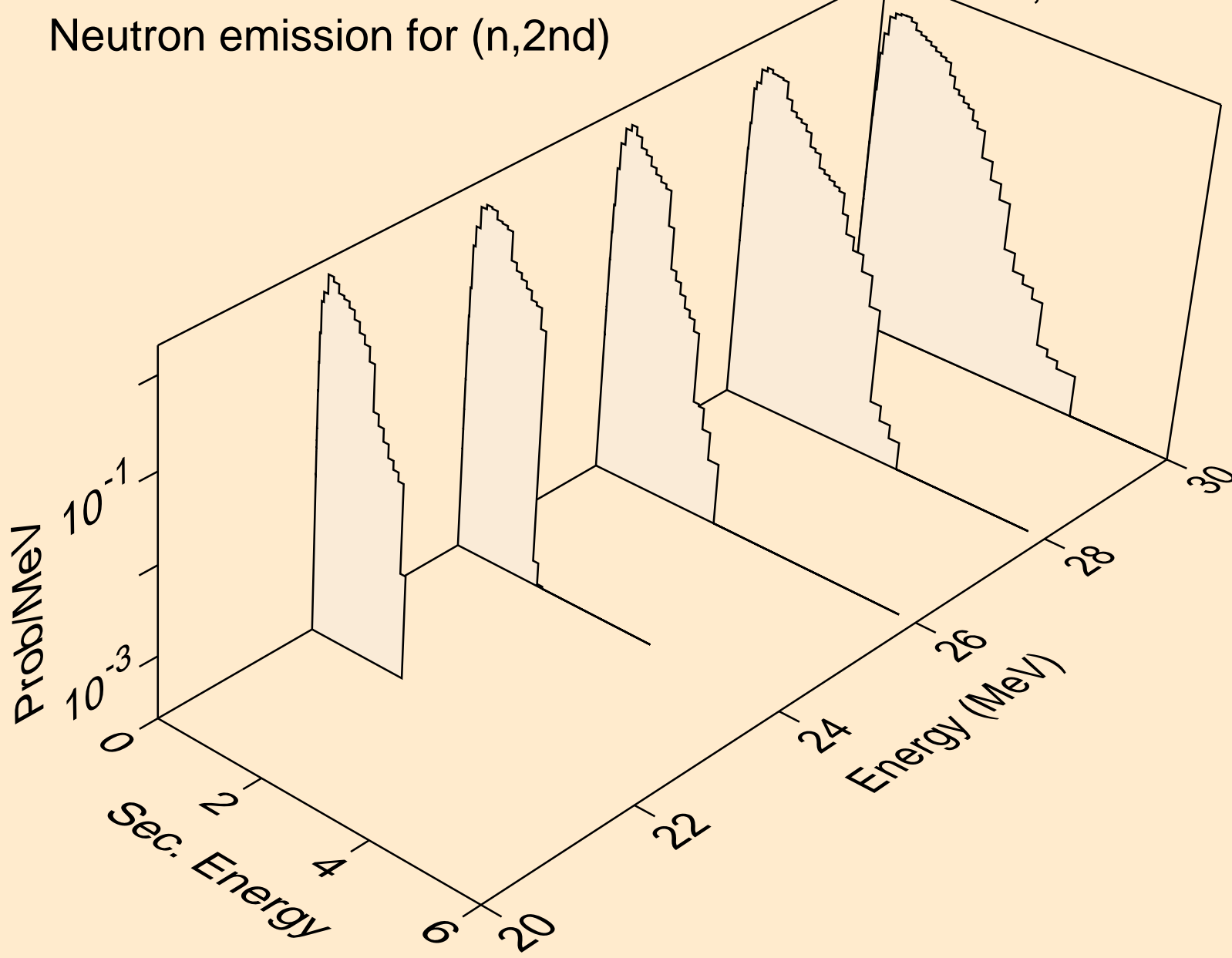
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



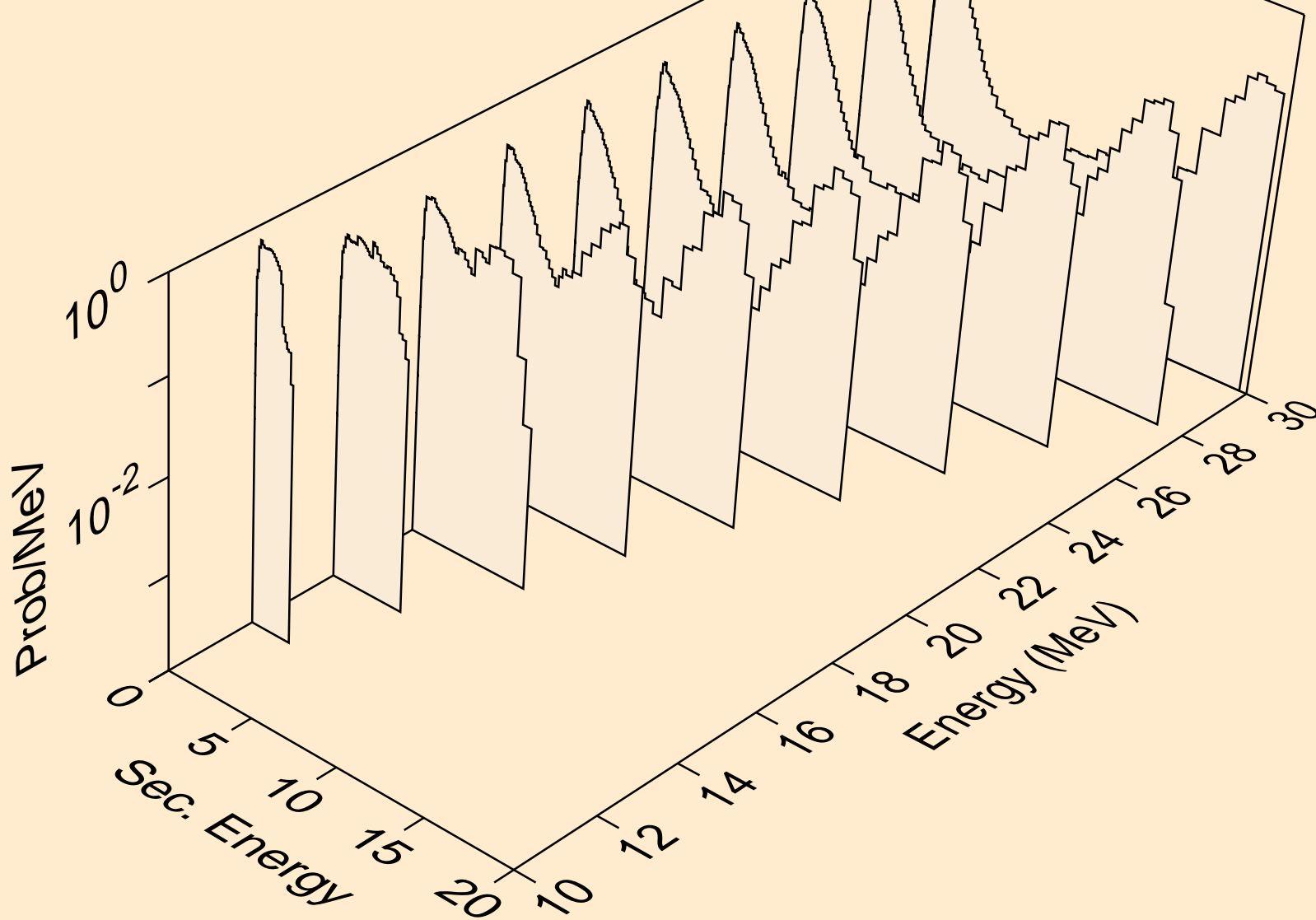
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



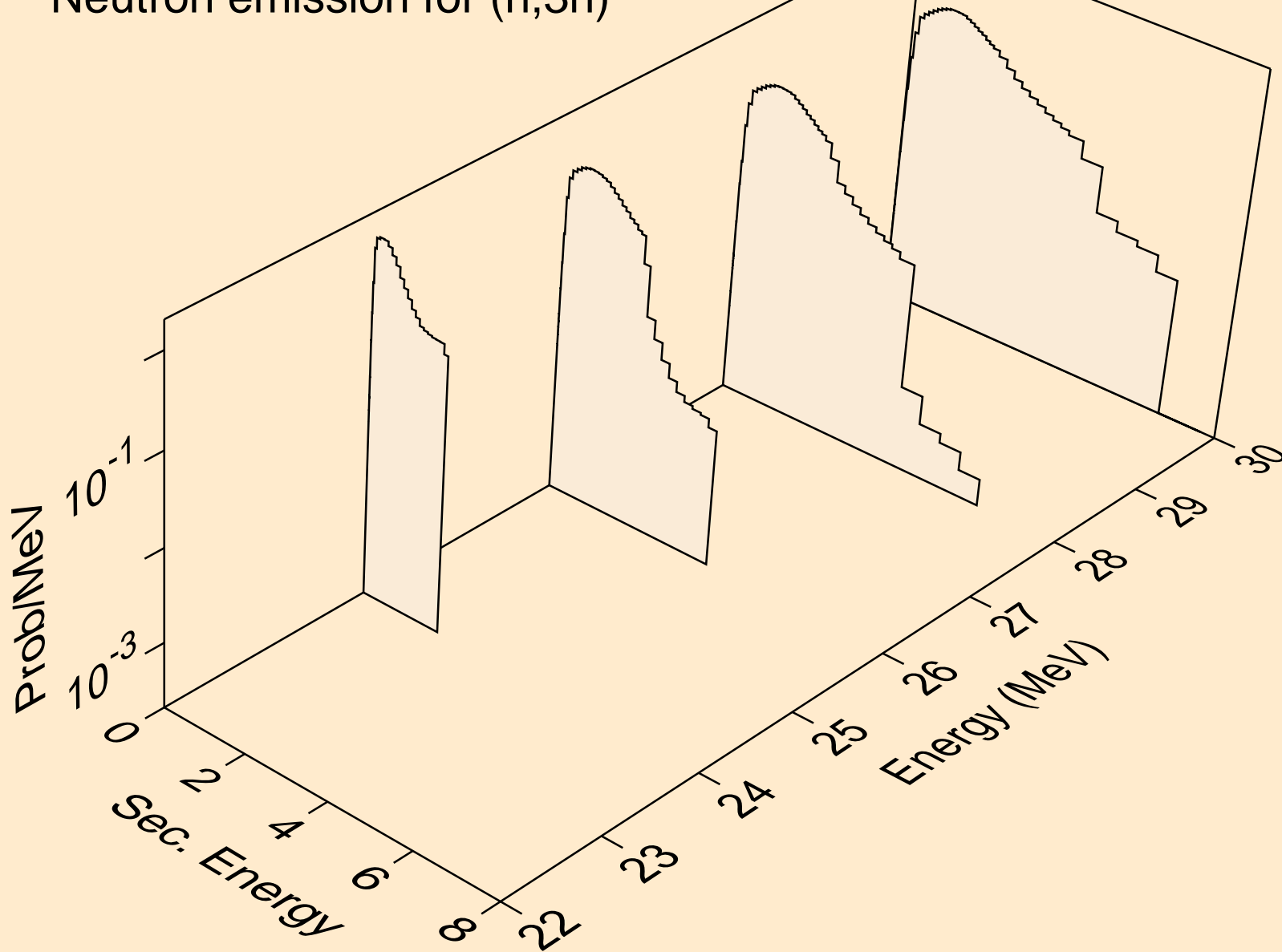
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

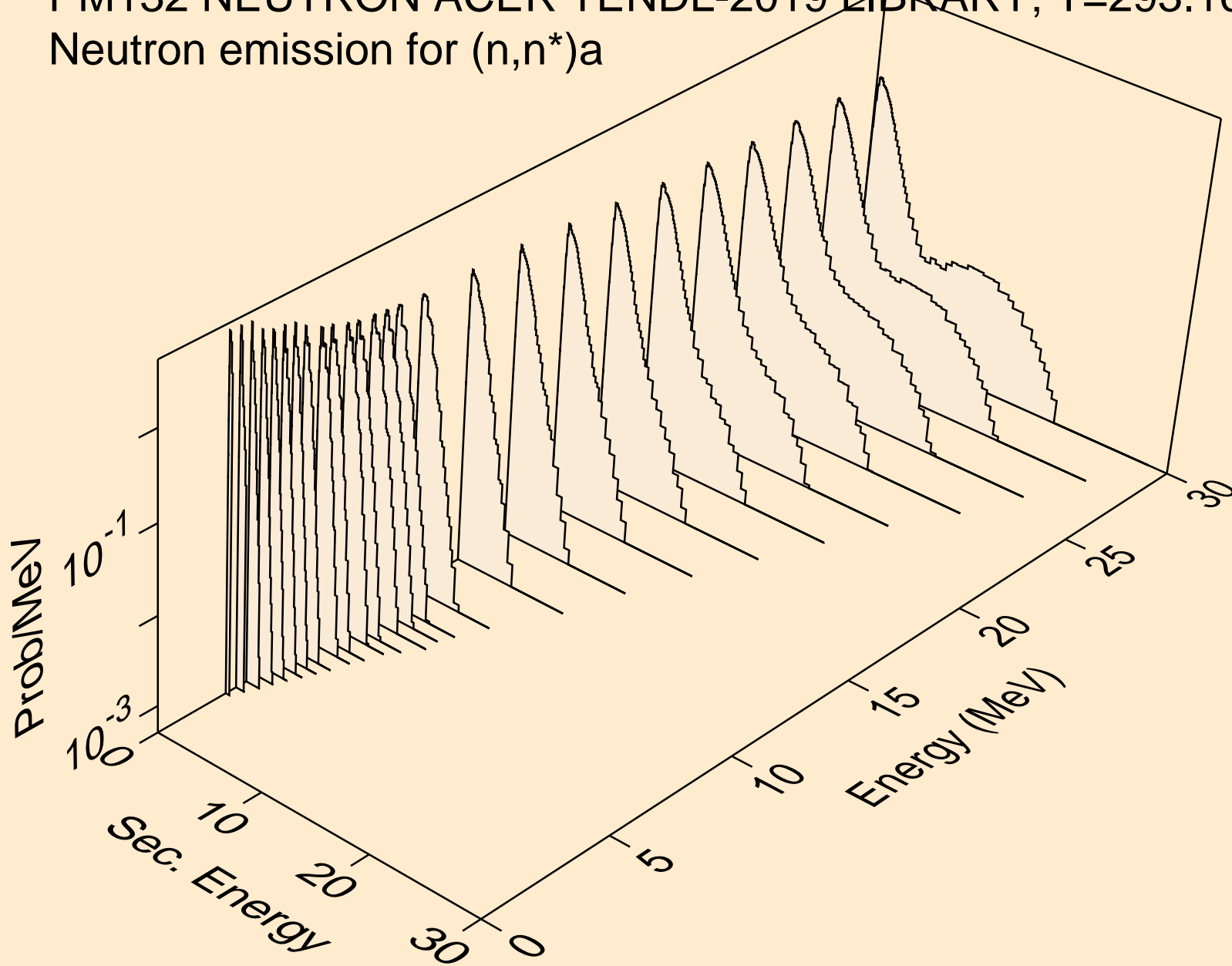


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

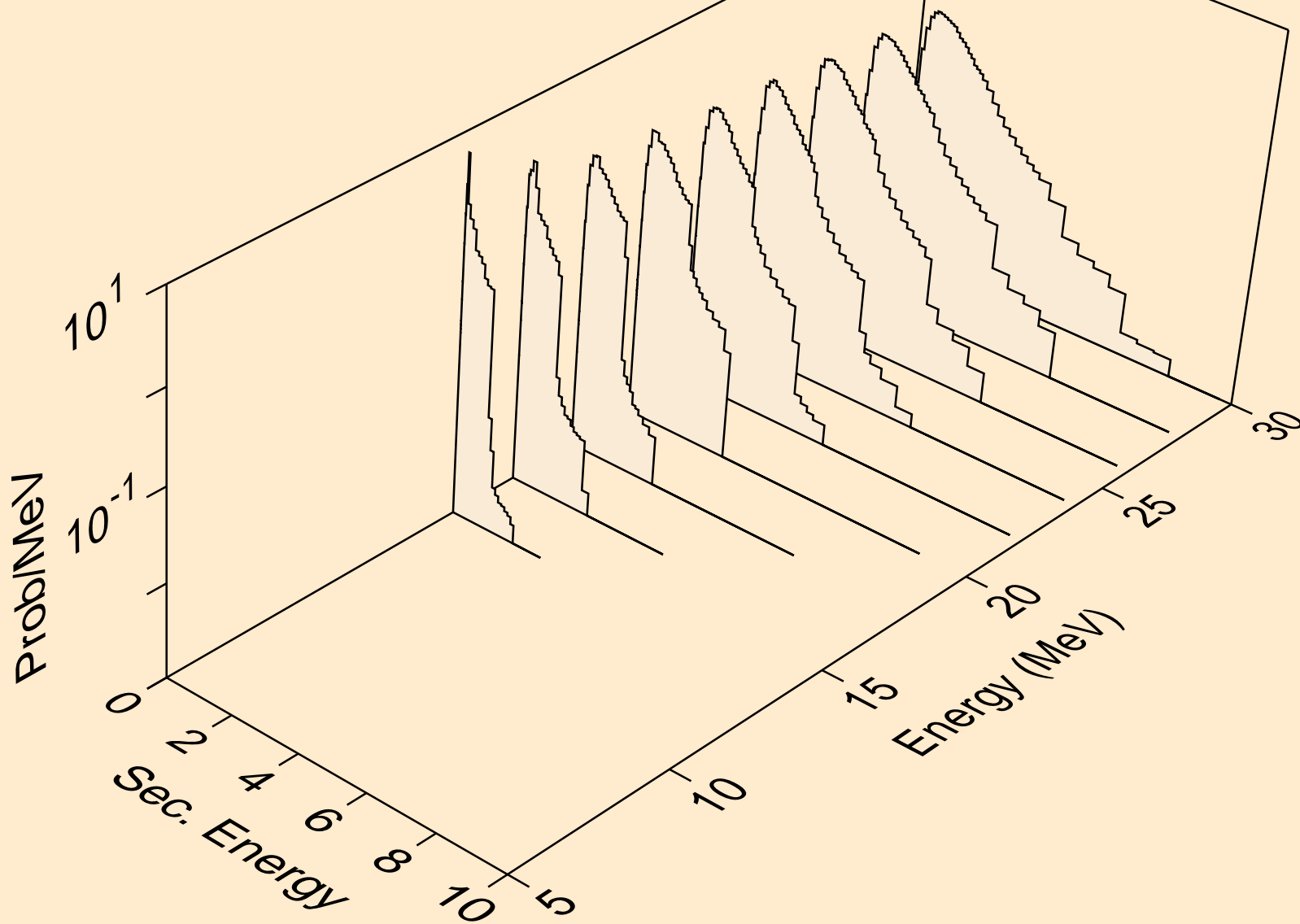




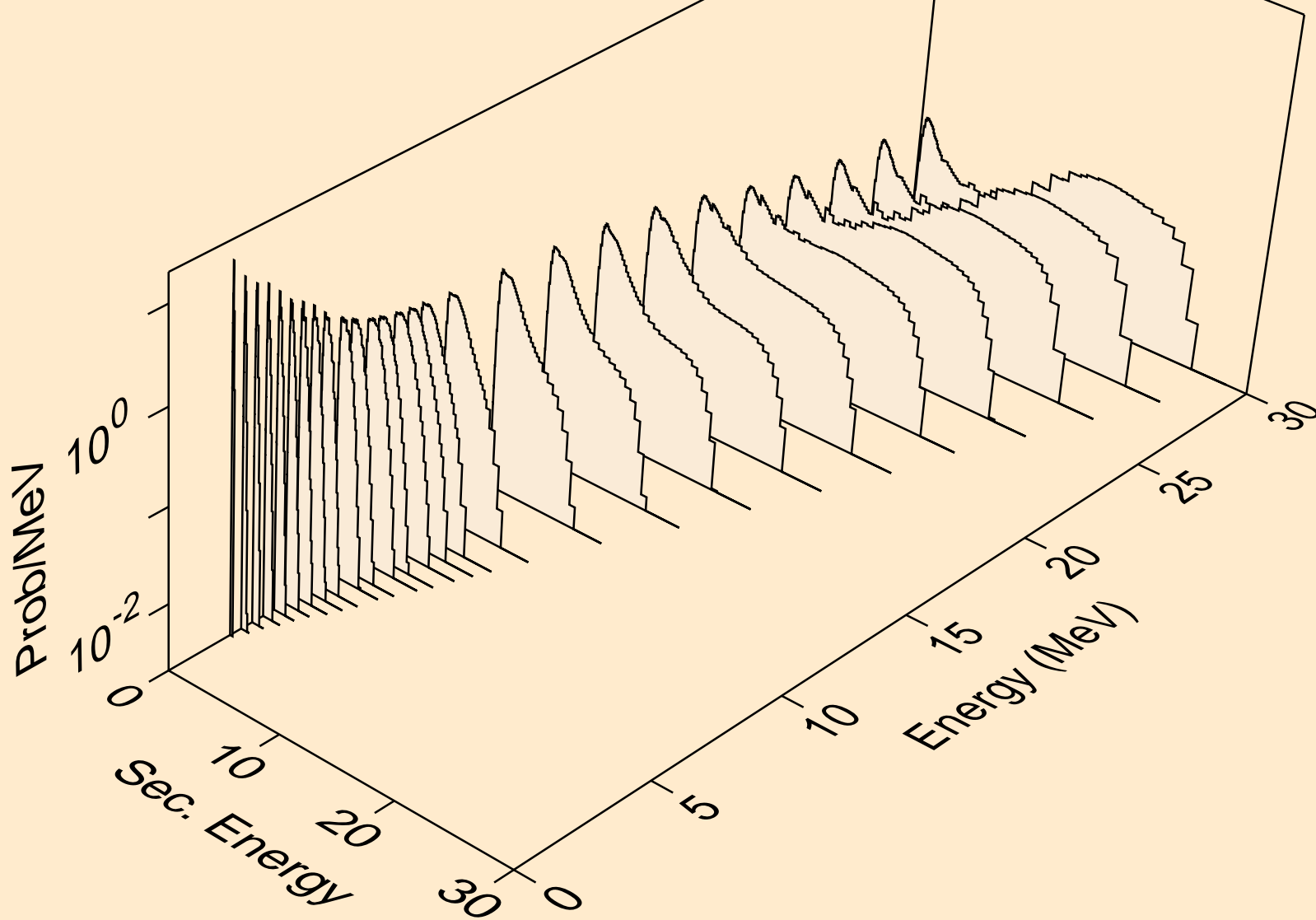
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



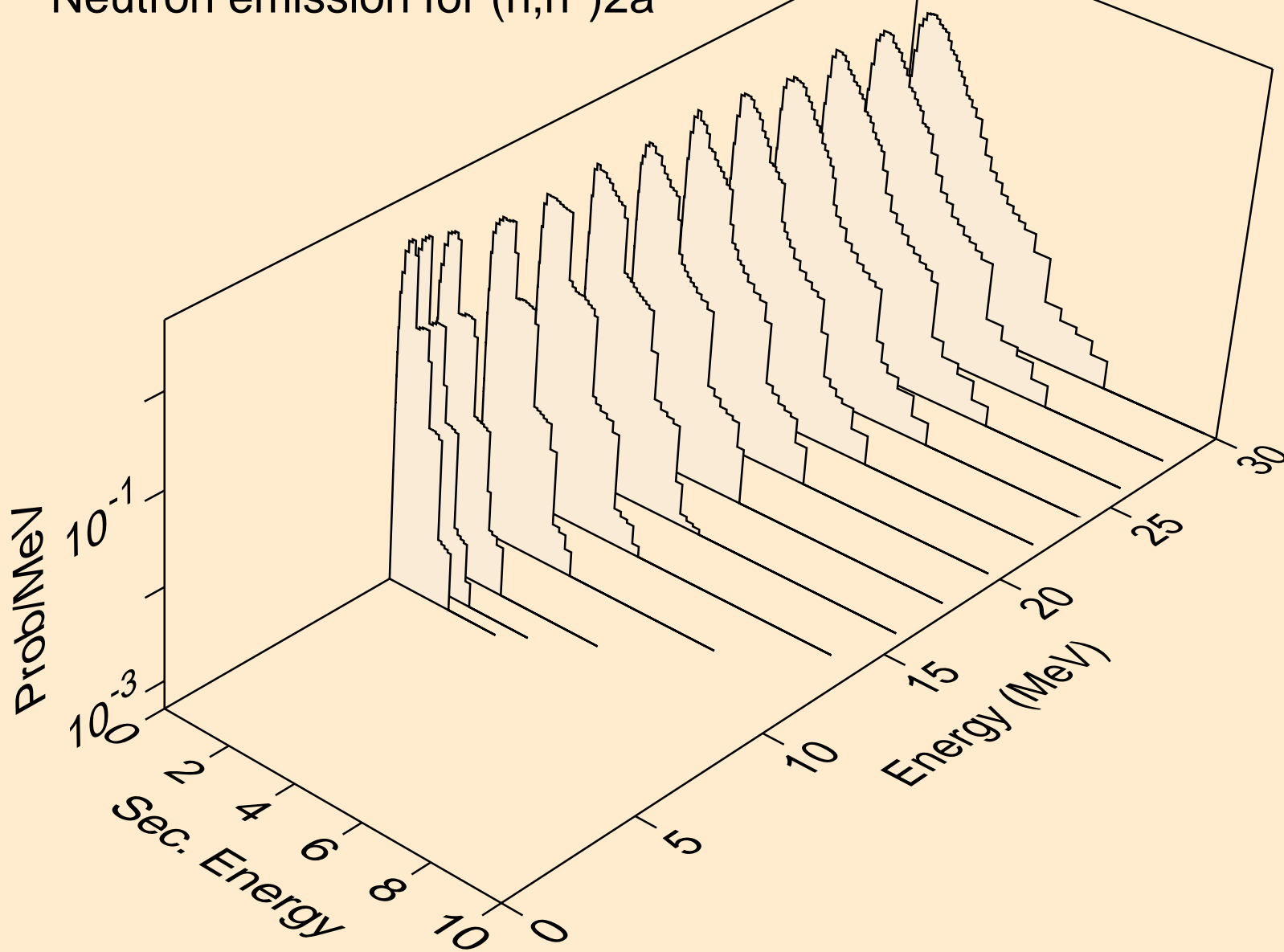
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)<sub>a</sub>



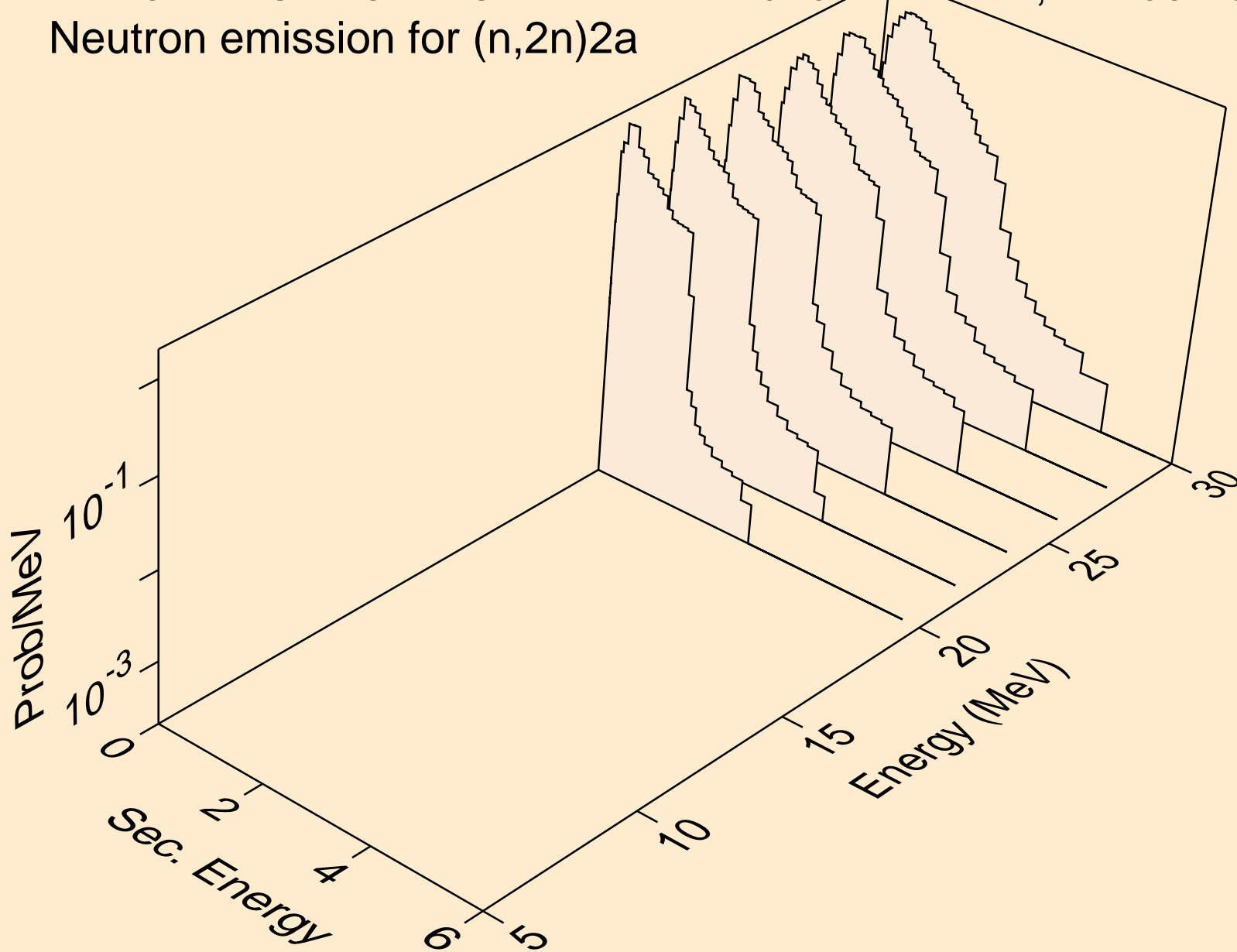
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



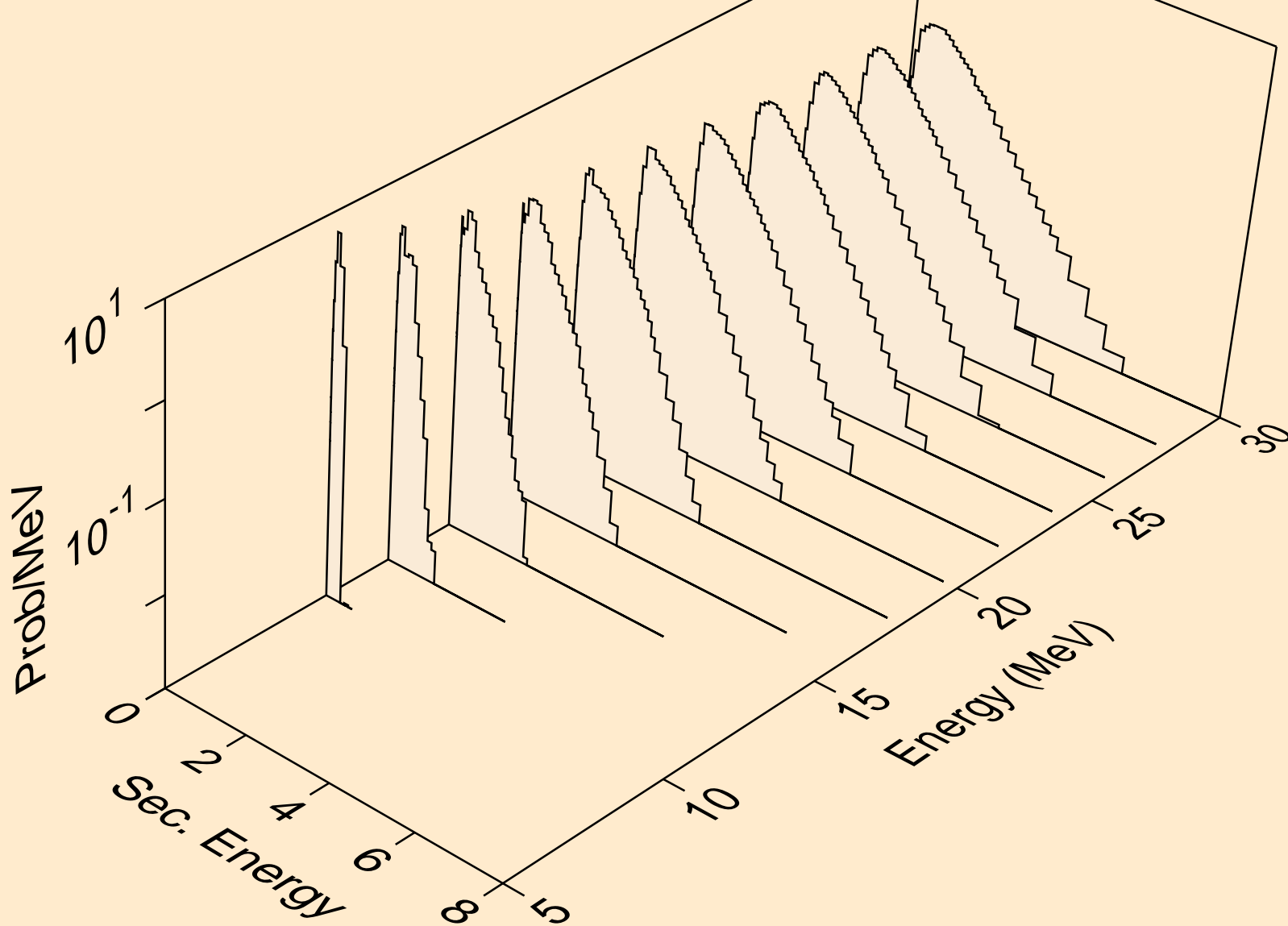
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



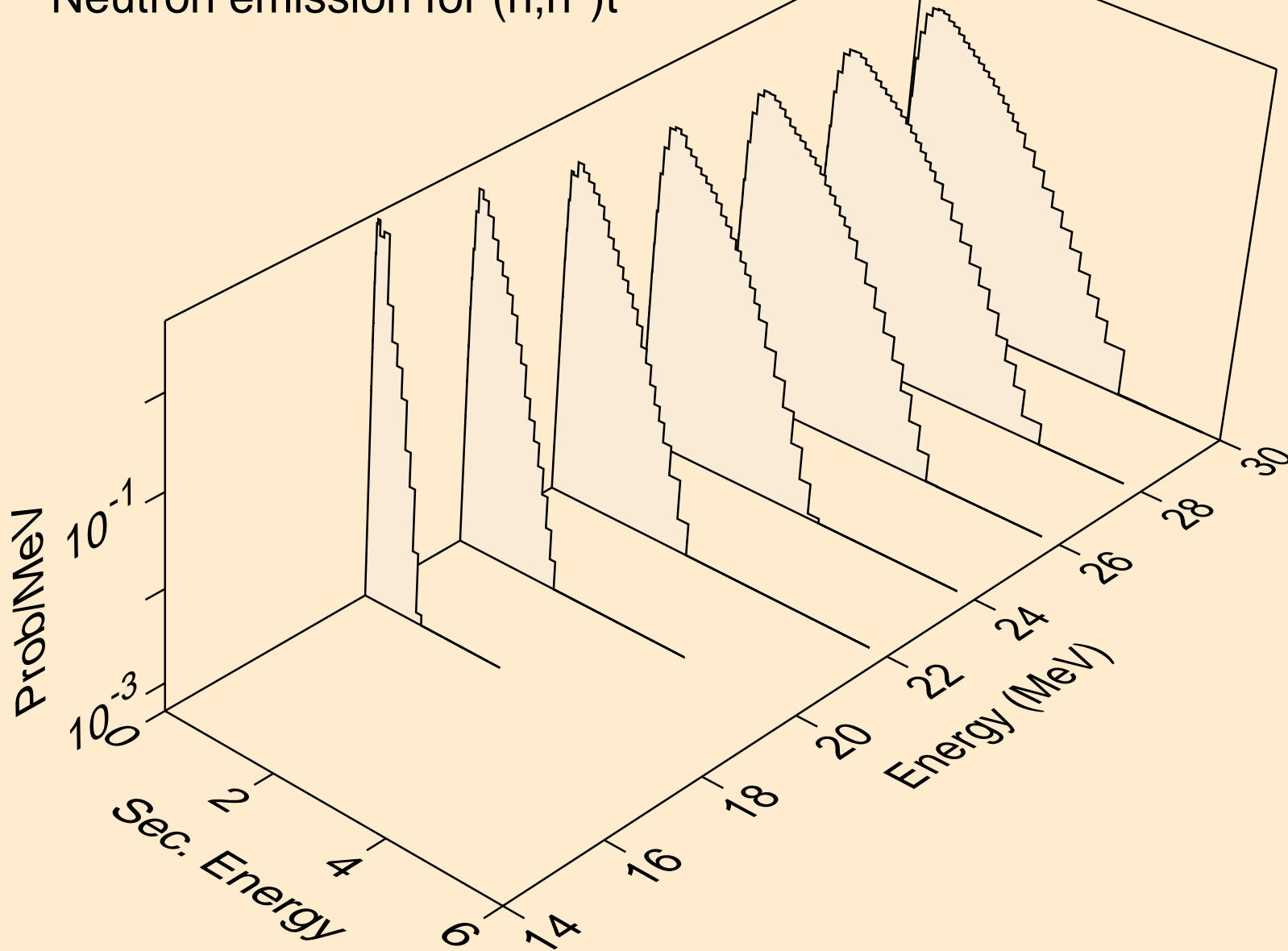
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a



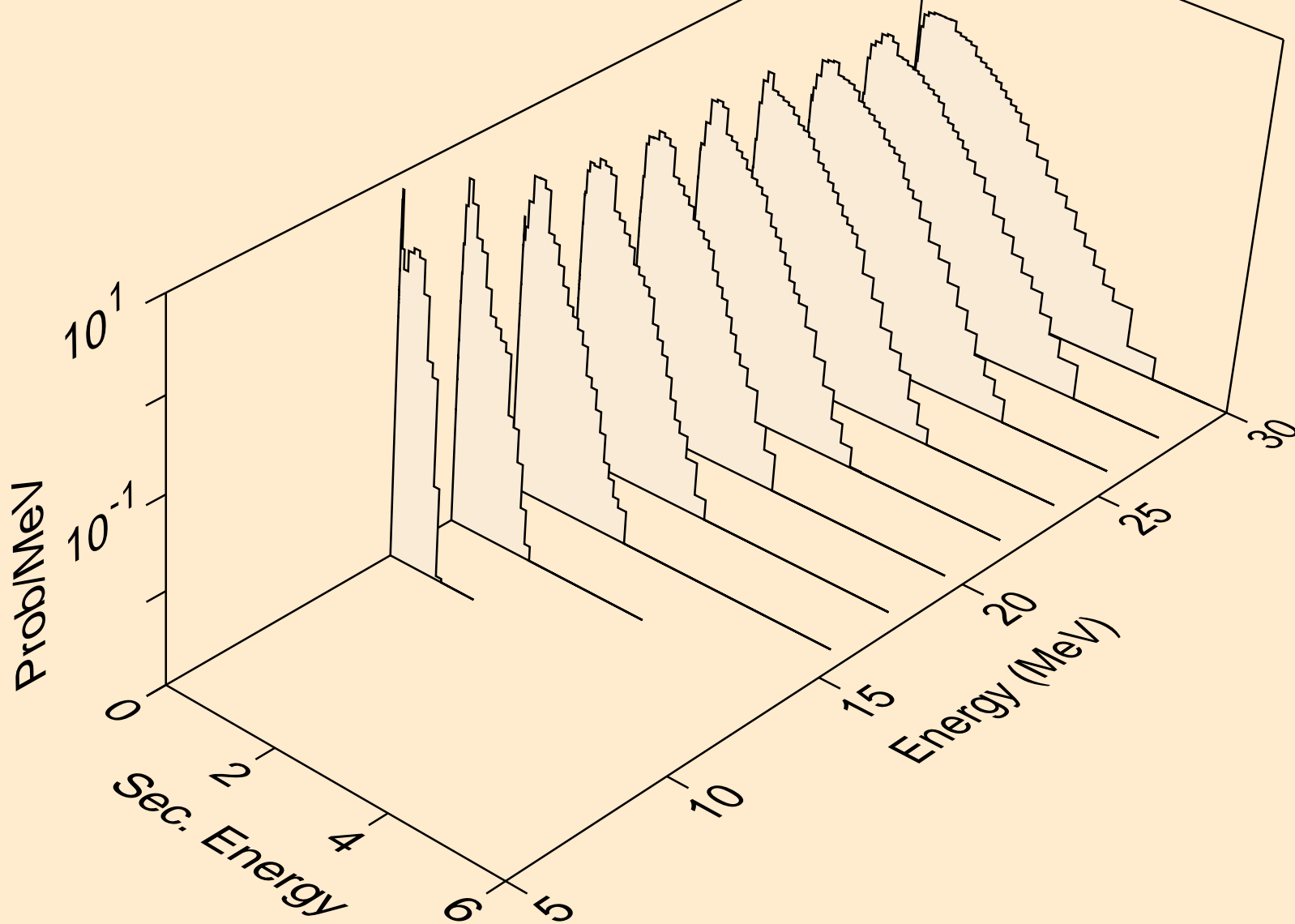
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t

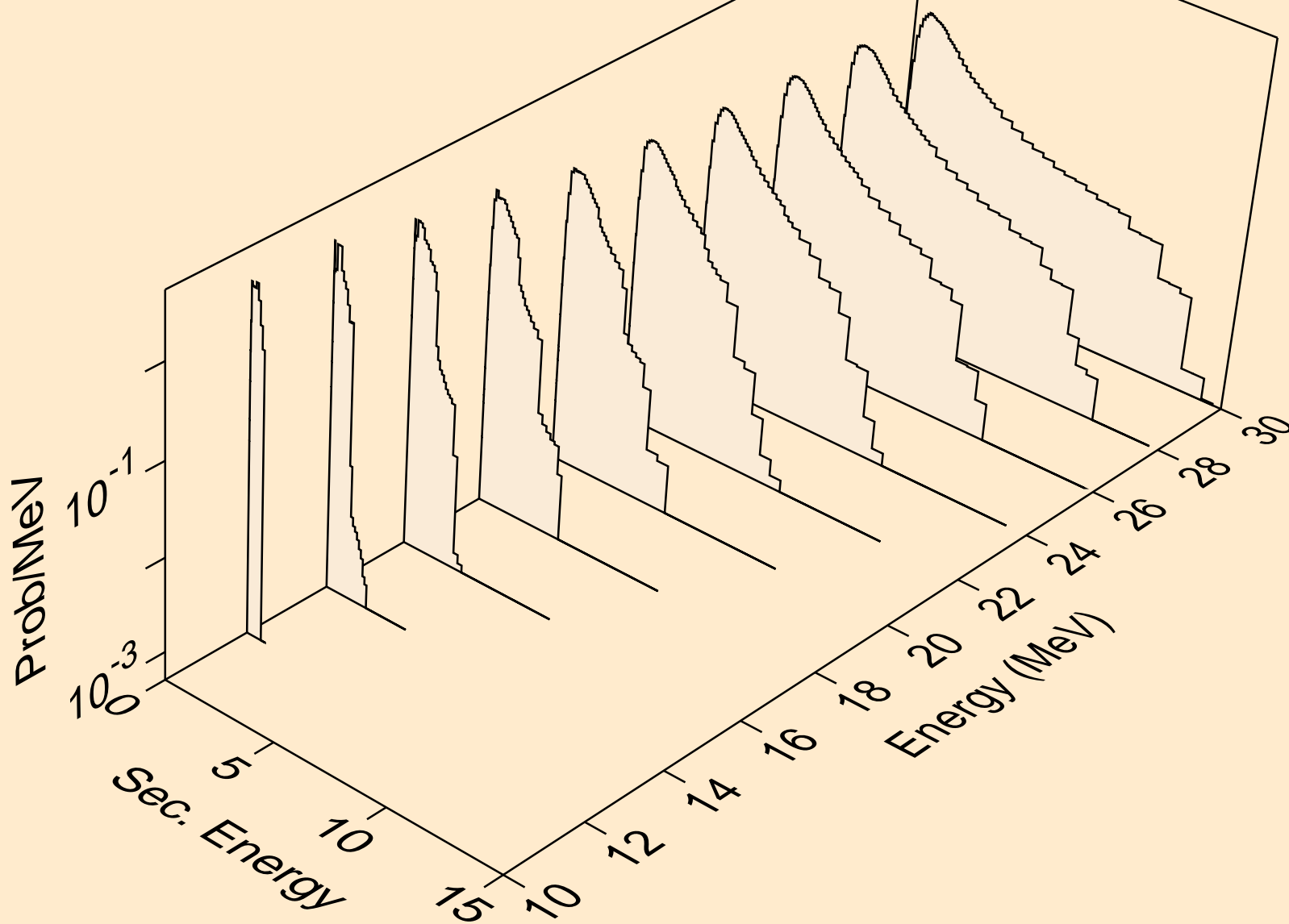


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

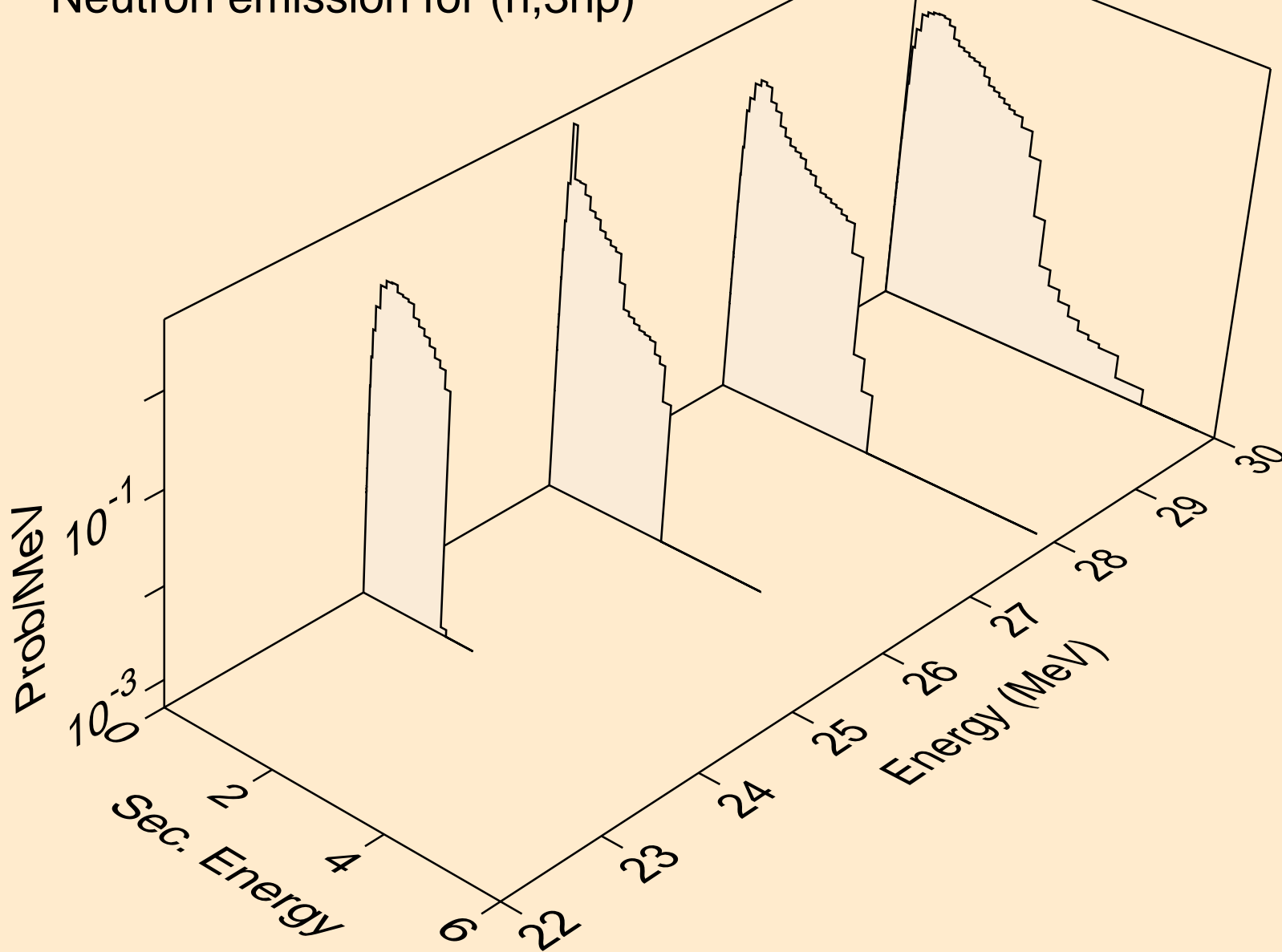




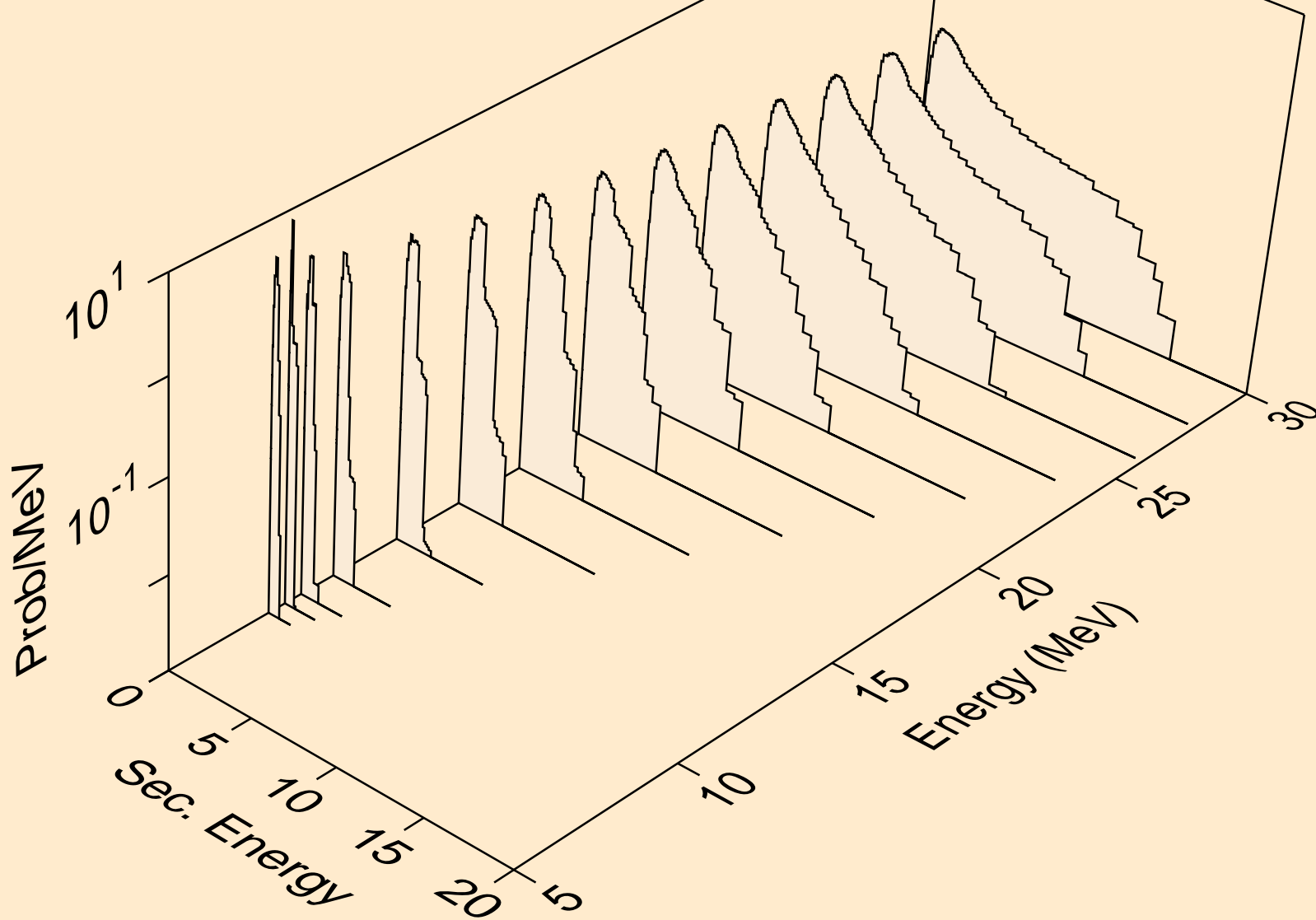
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



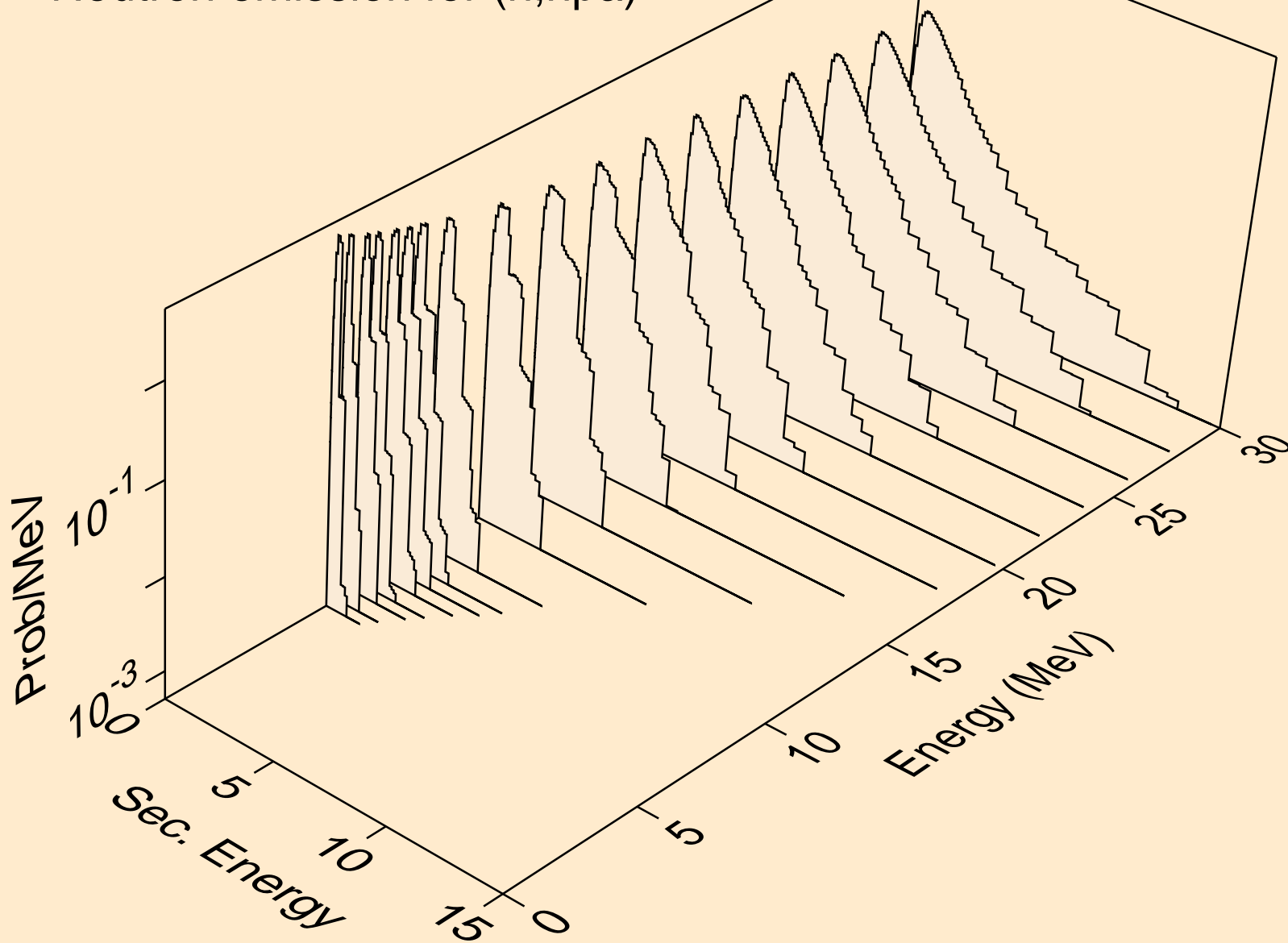
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



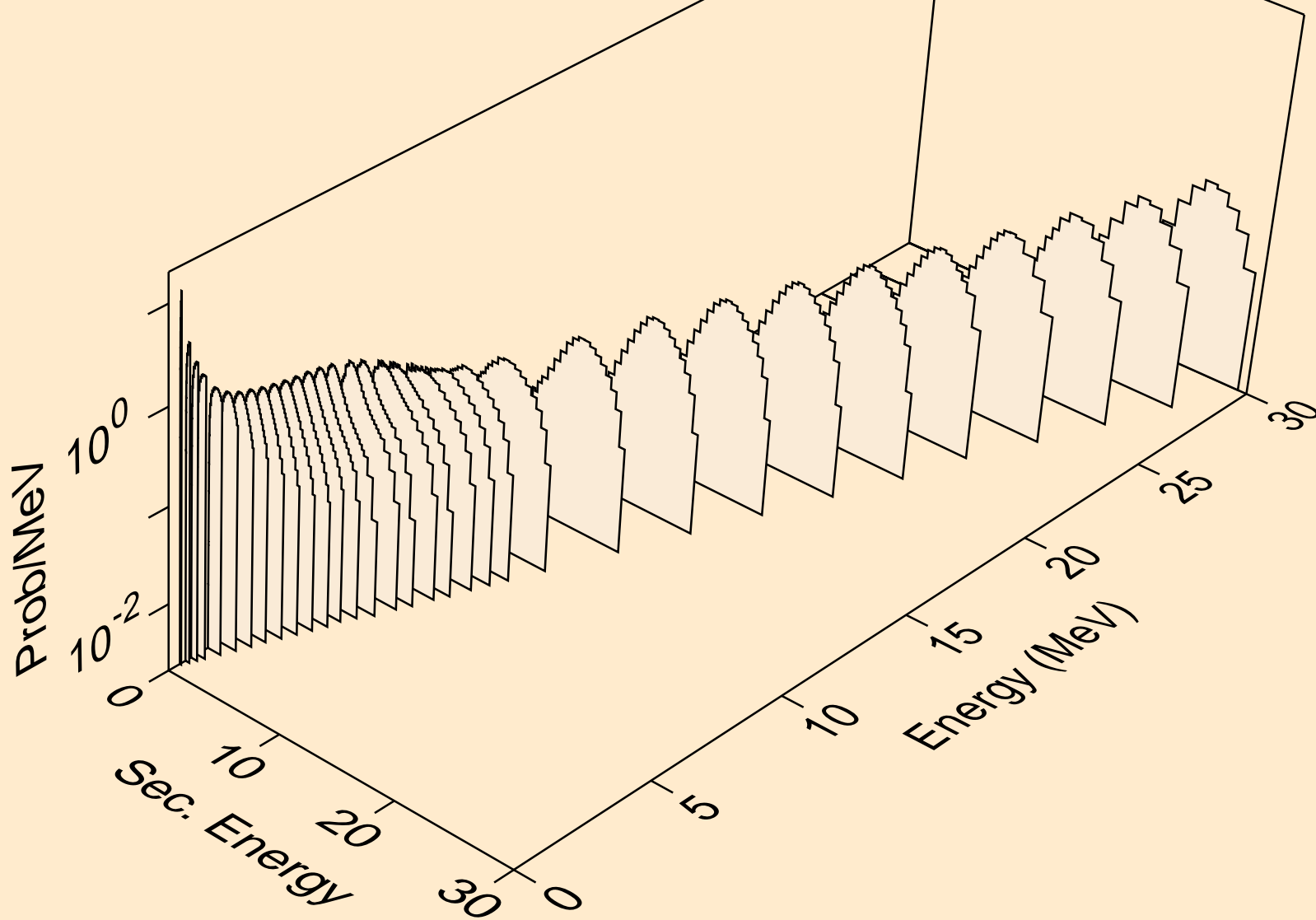
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



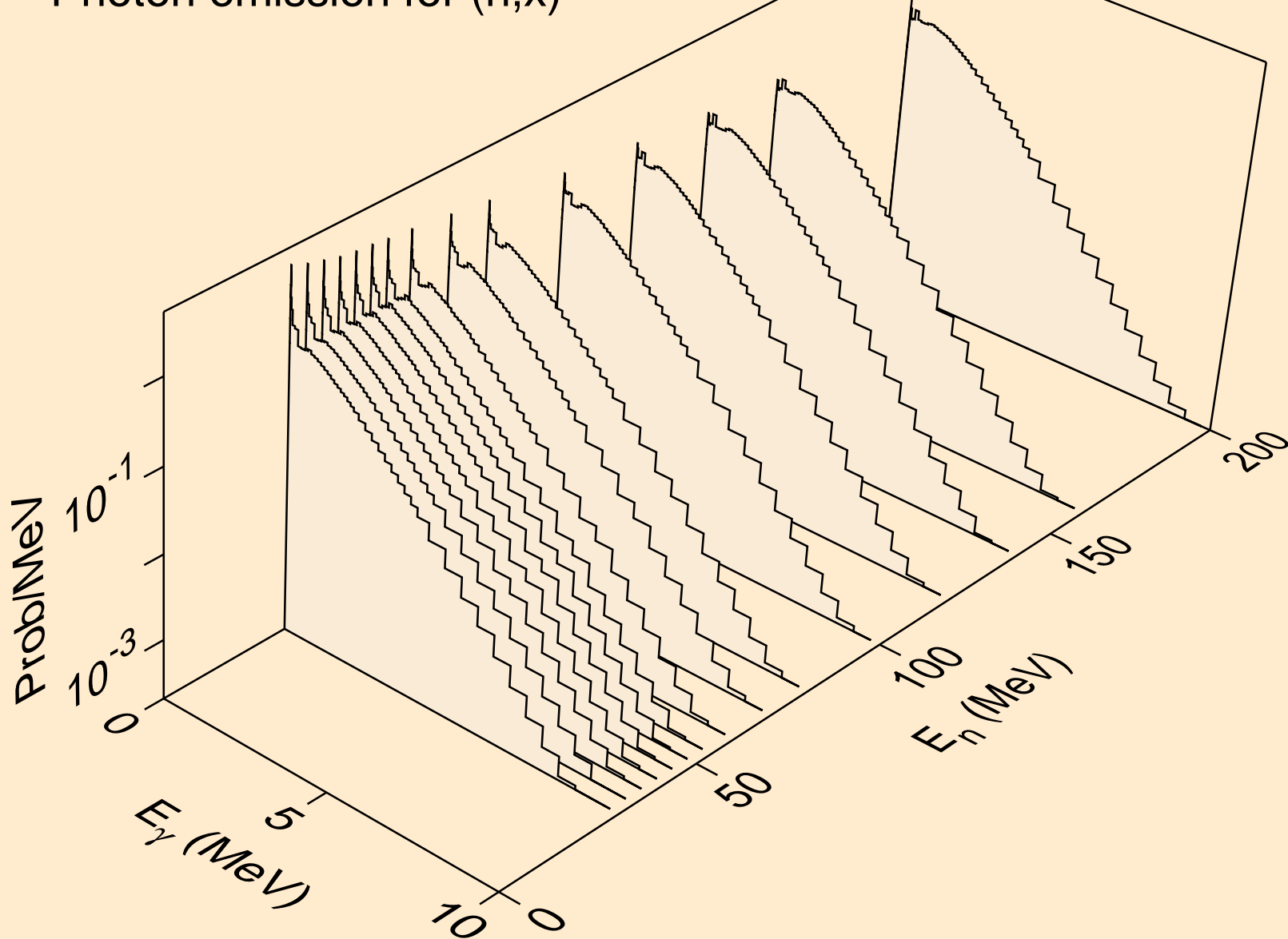
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



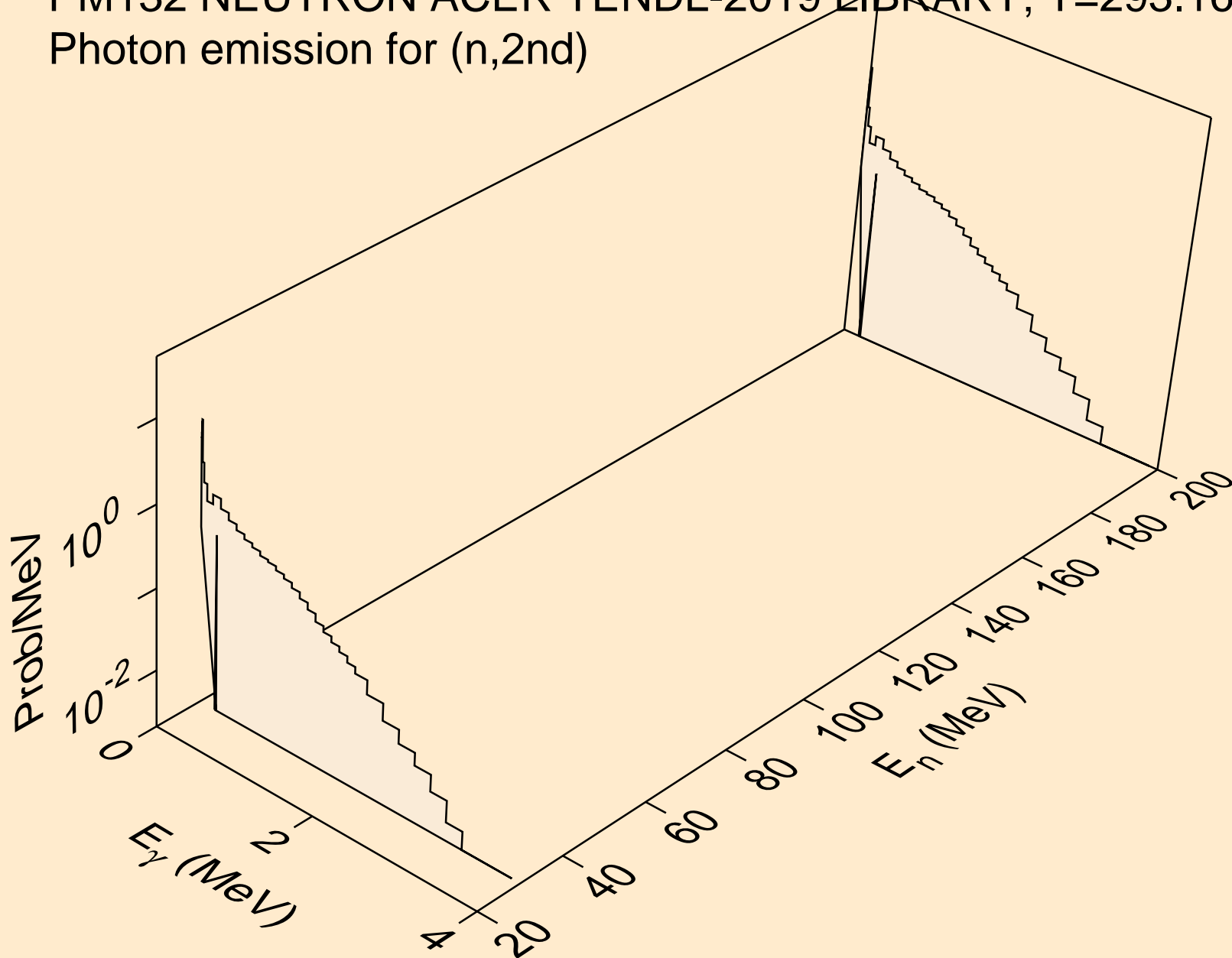
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



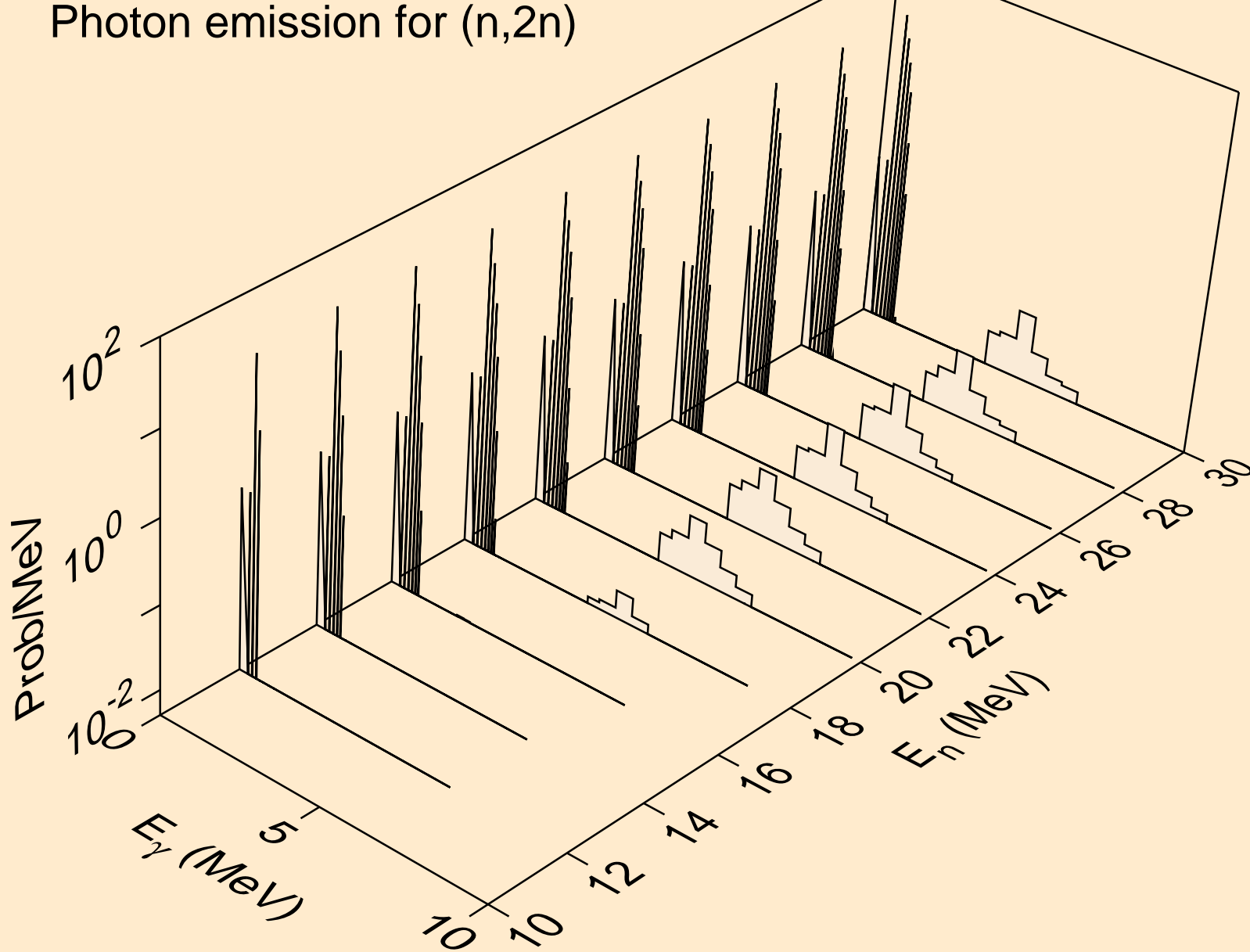
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)

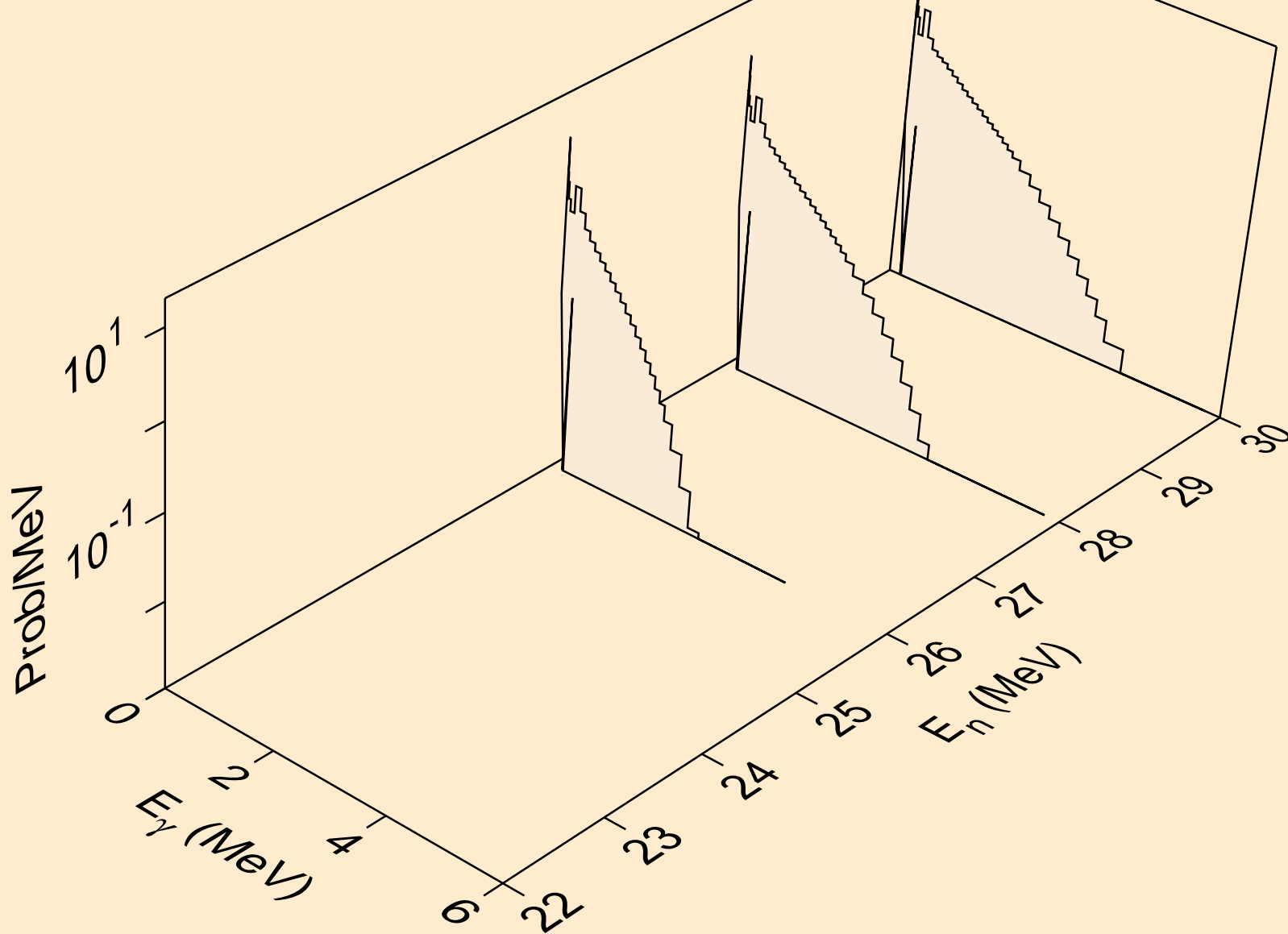


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)

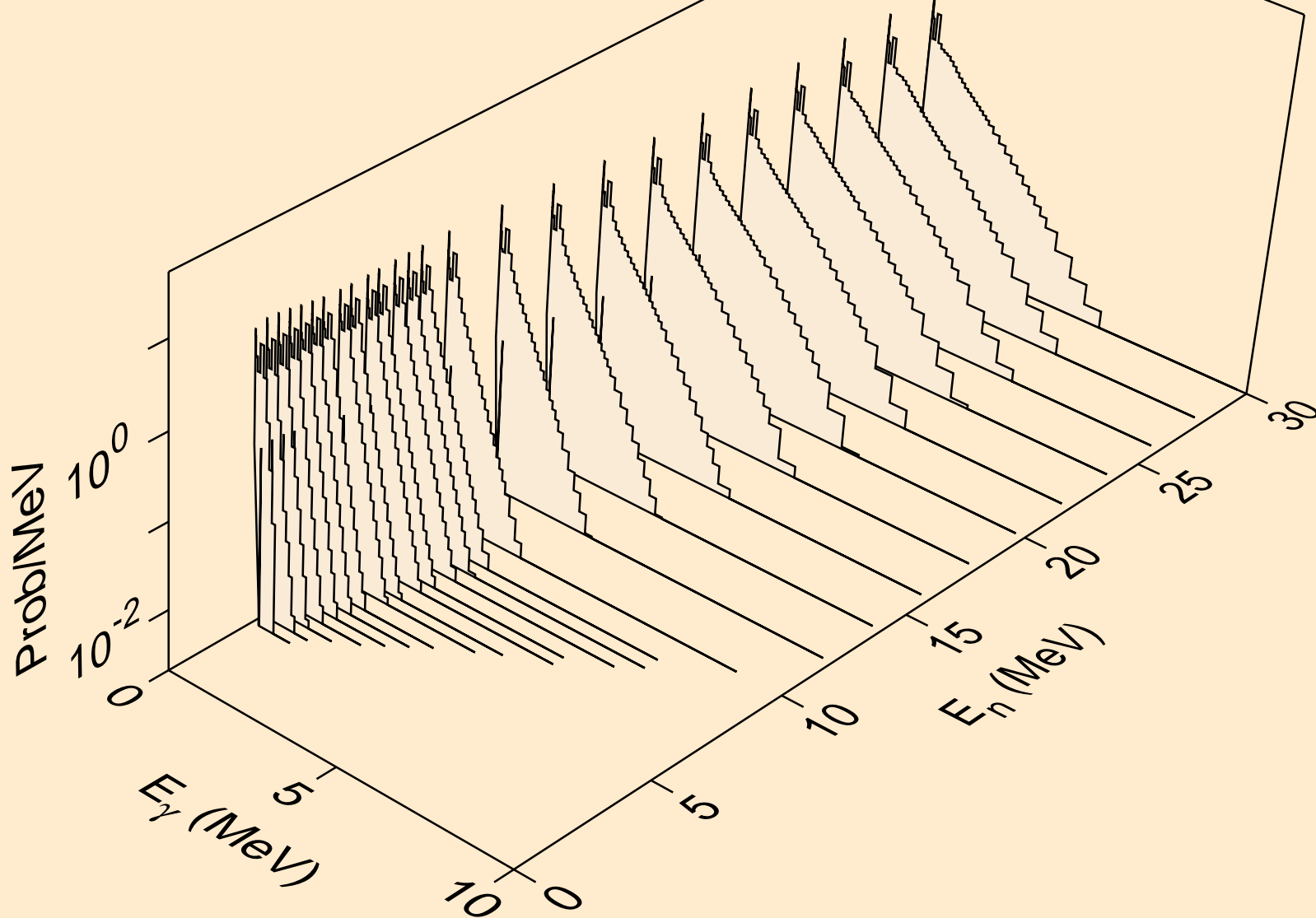




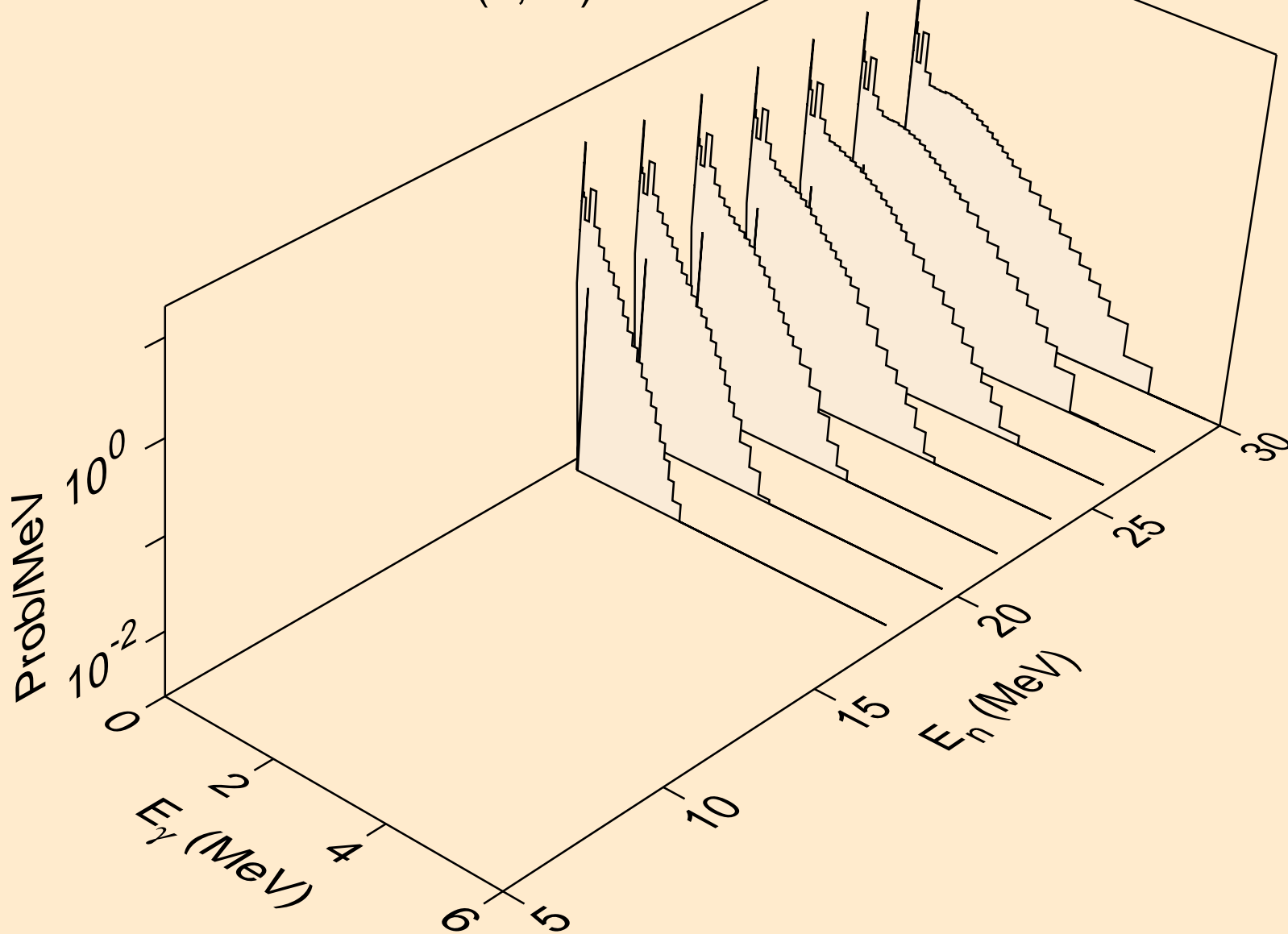
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



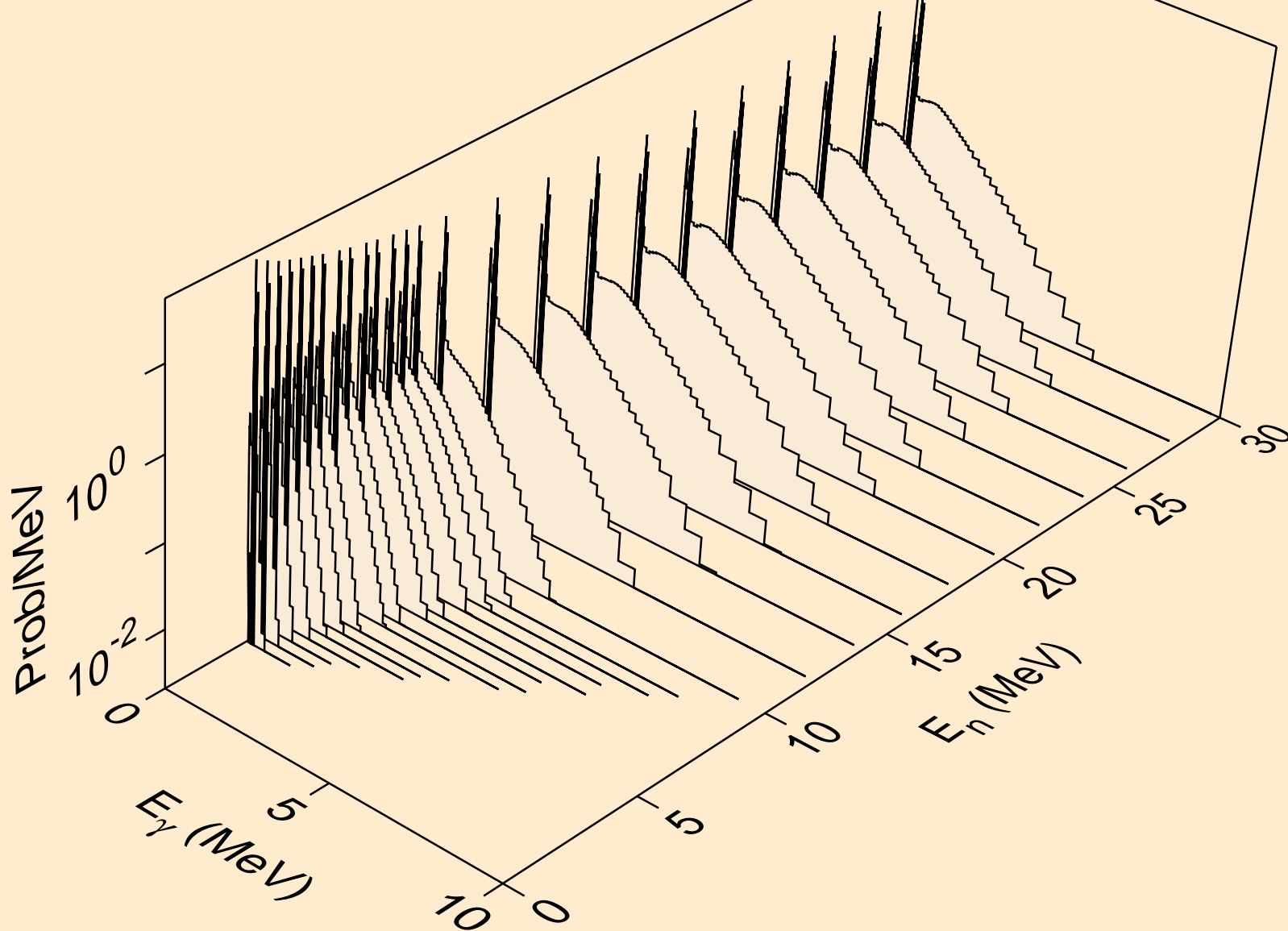
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



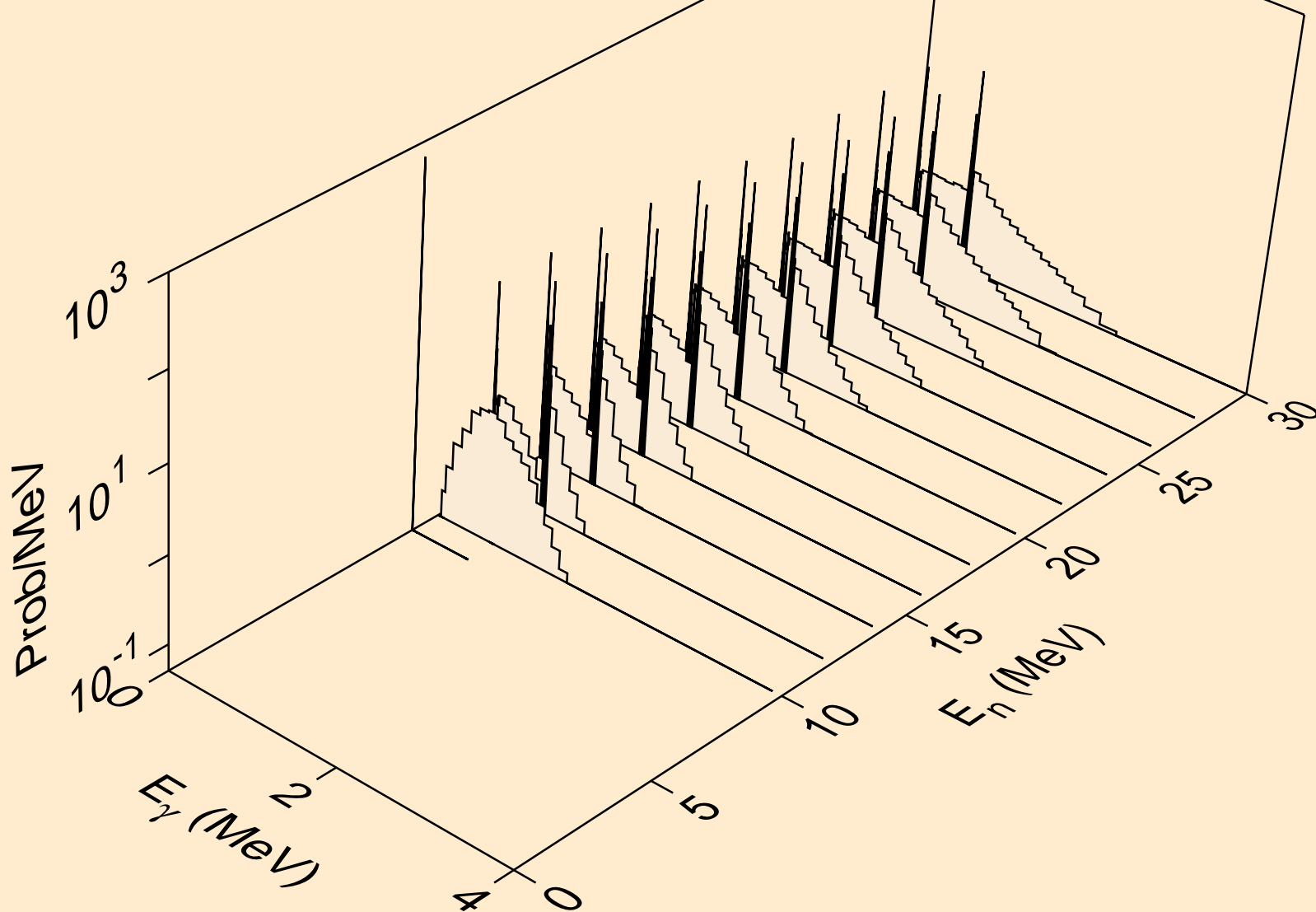
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



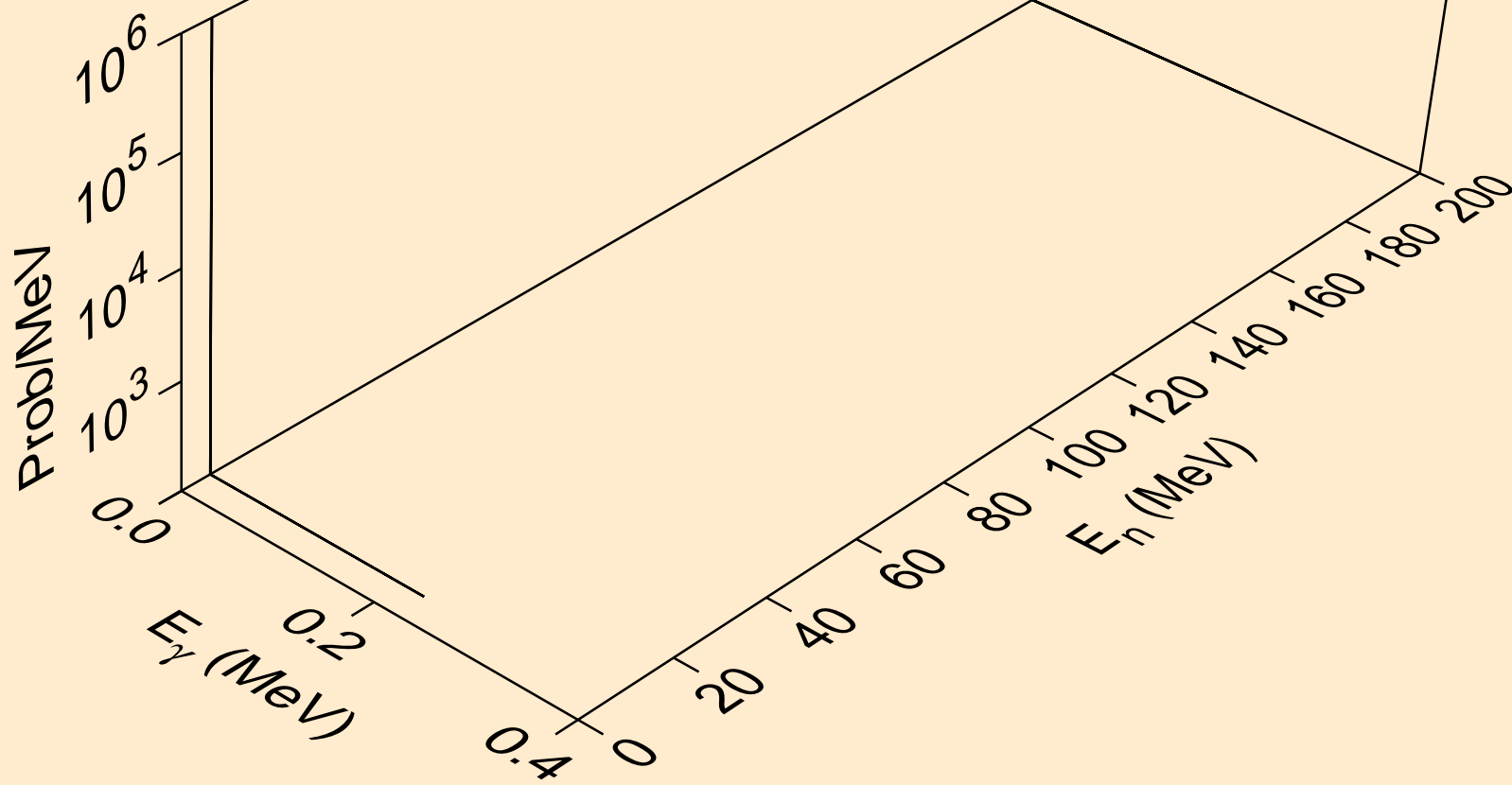
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



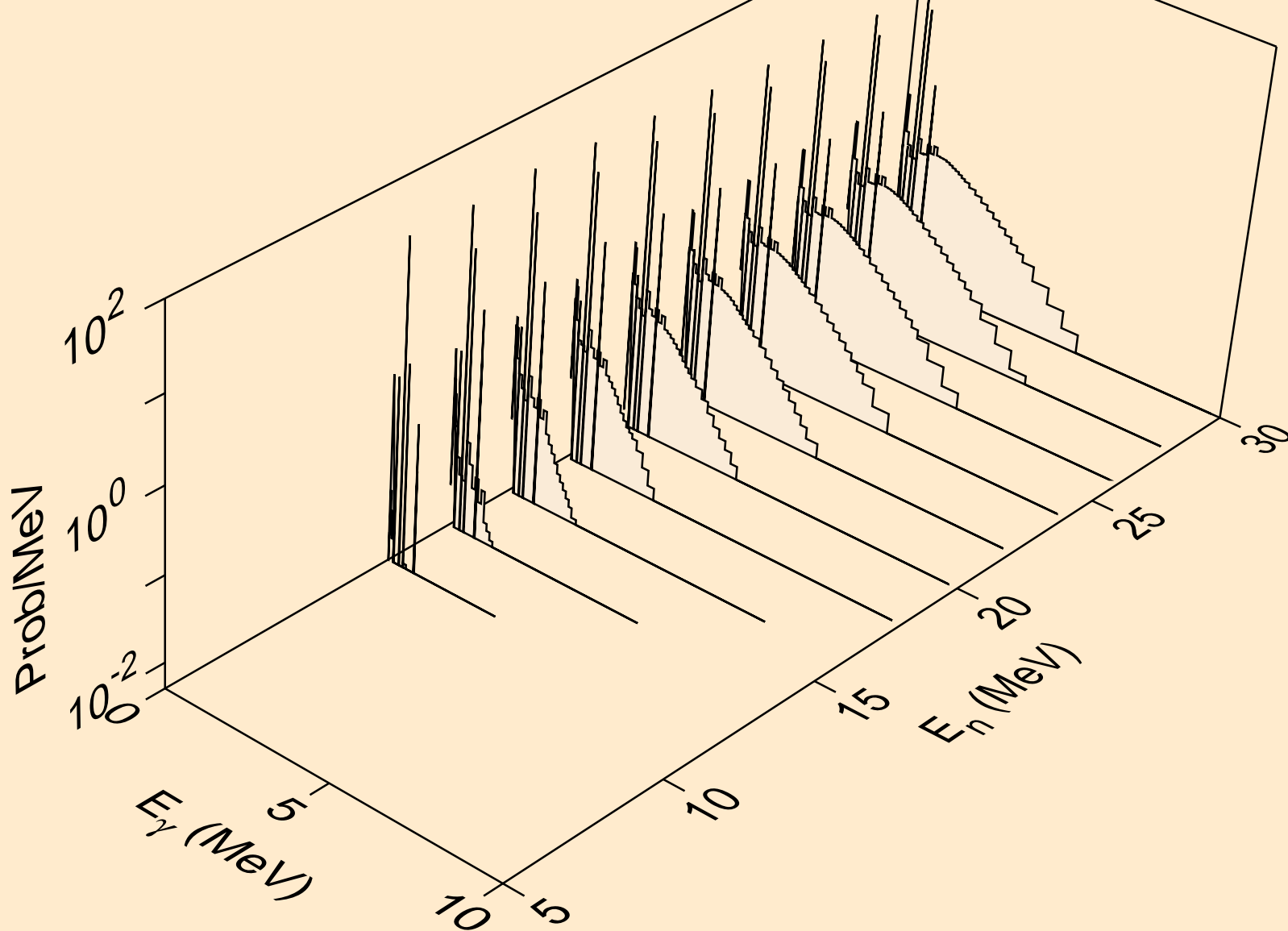
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



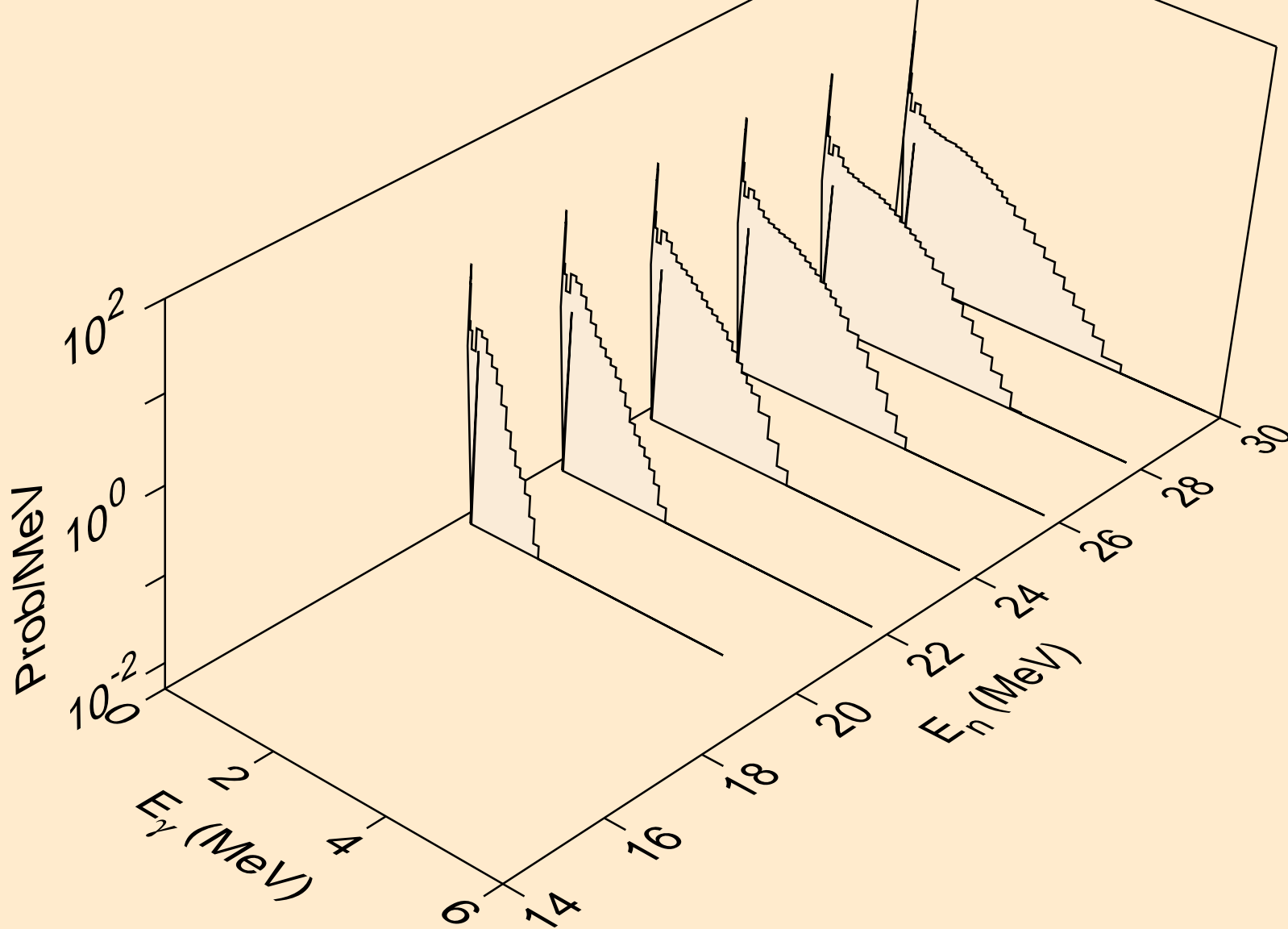
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d

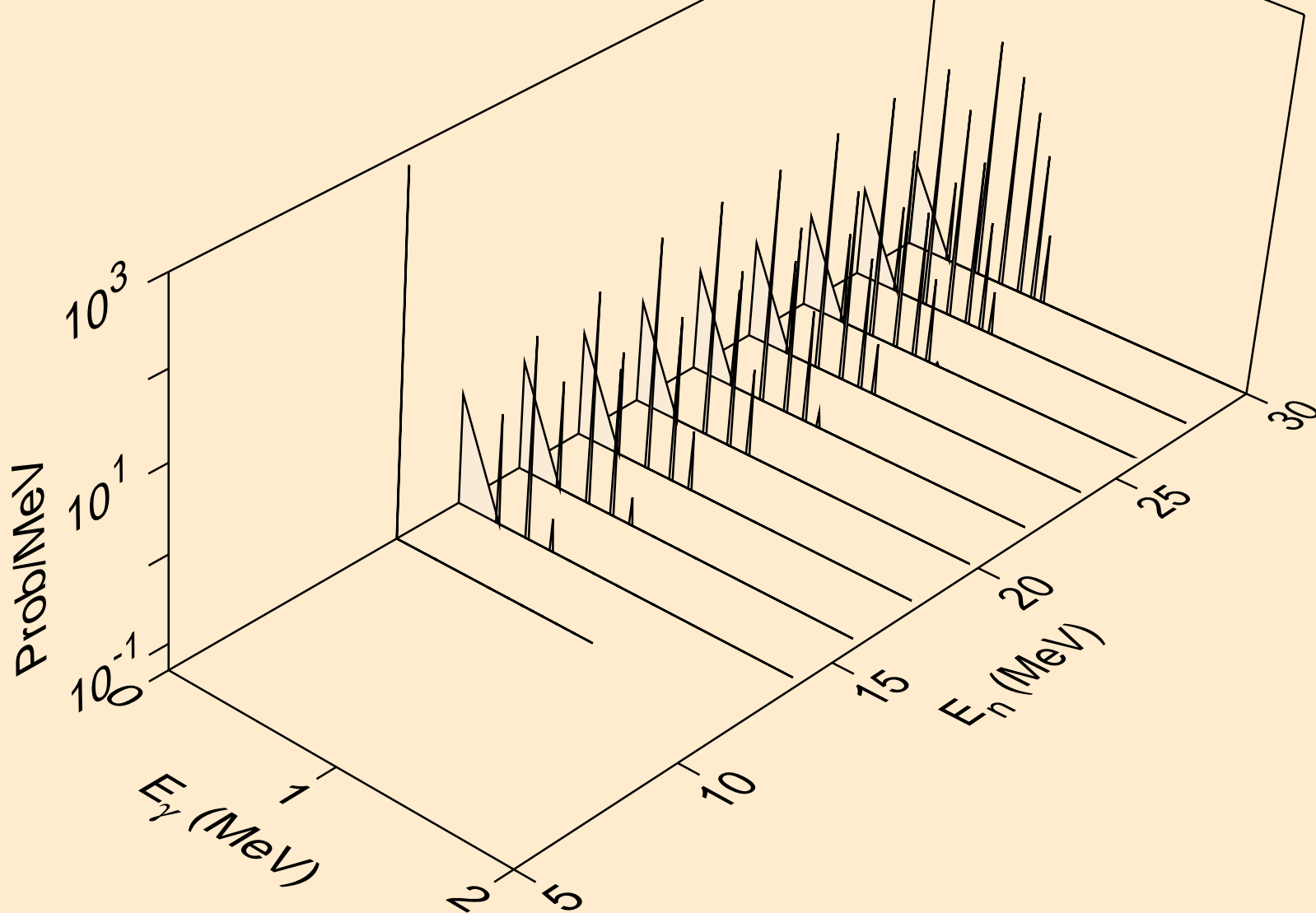


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

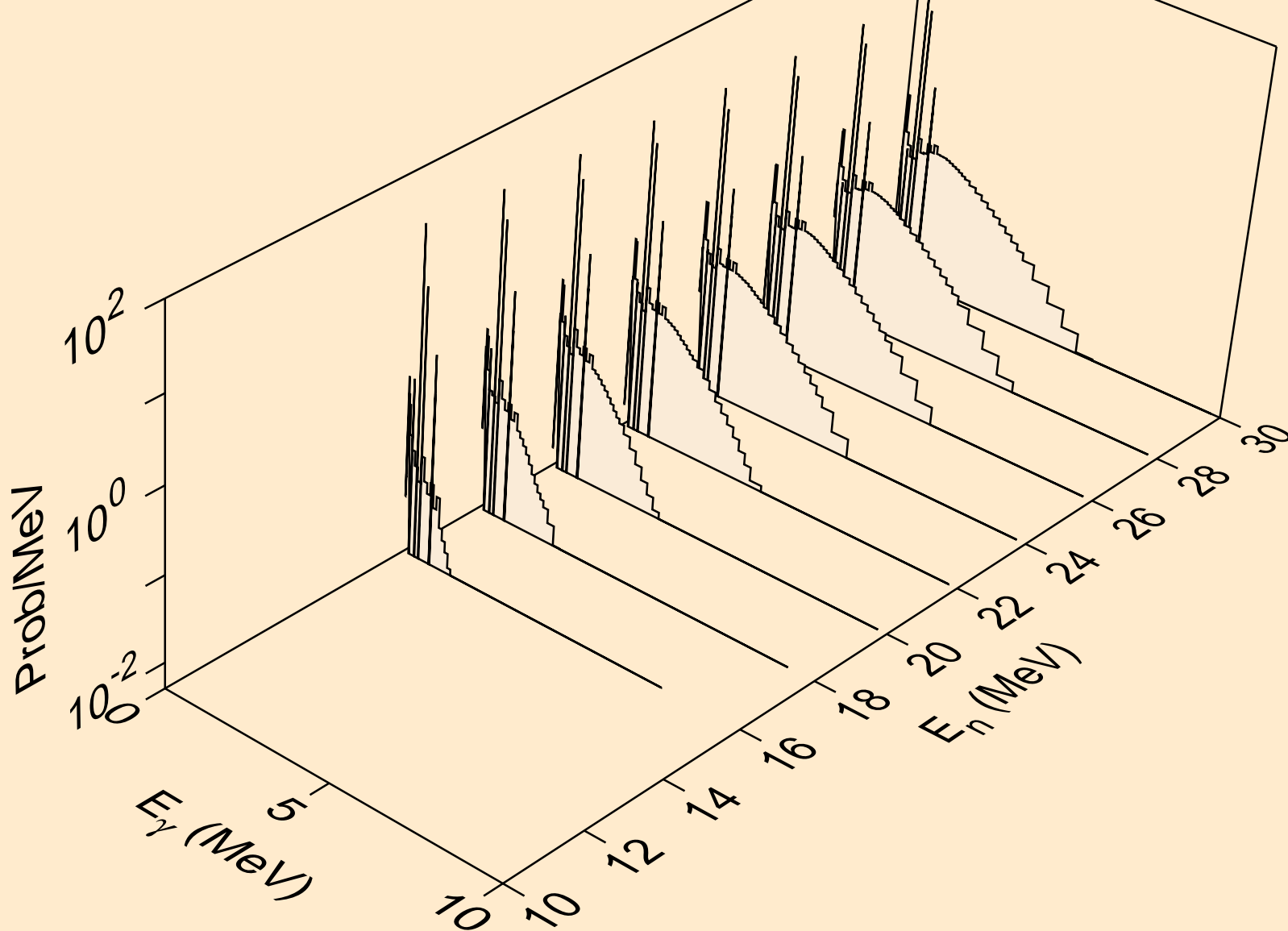




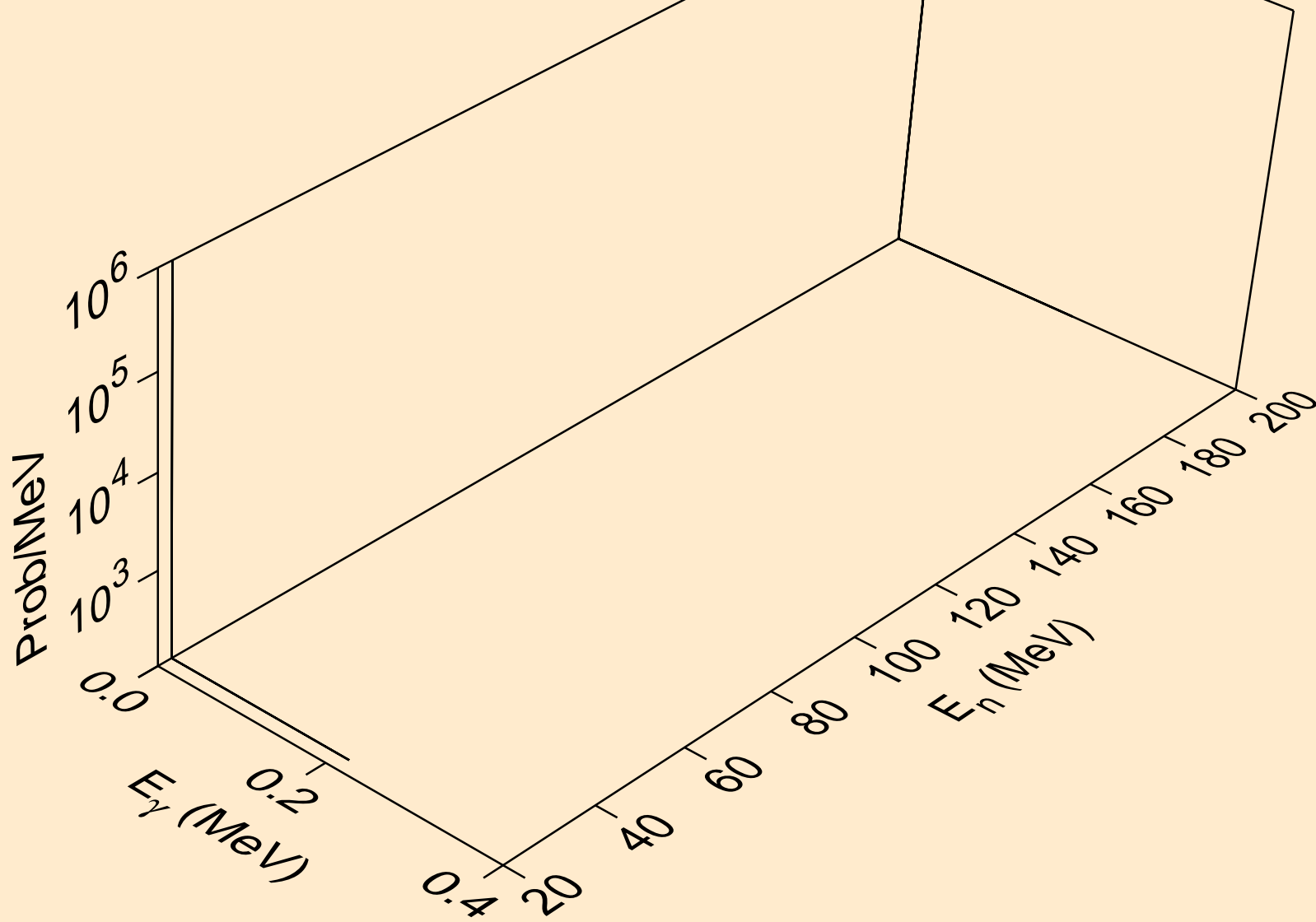
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



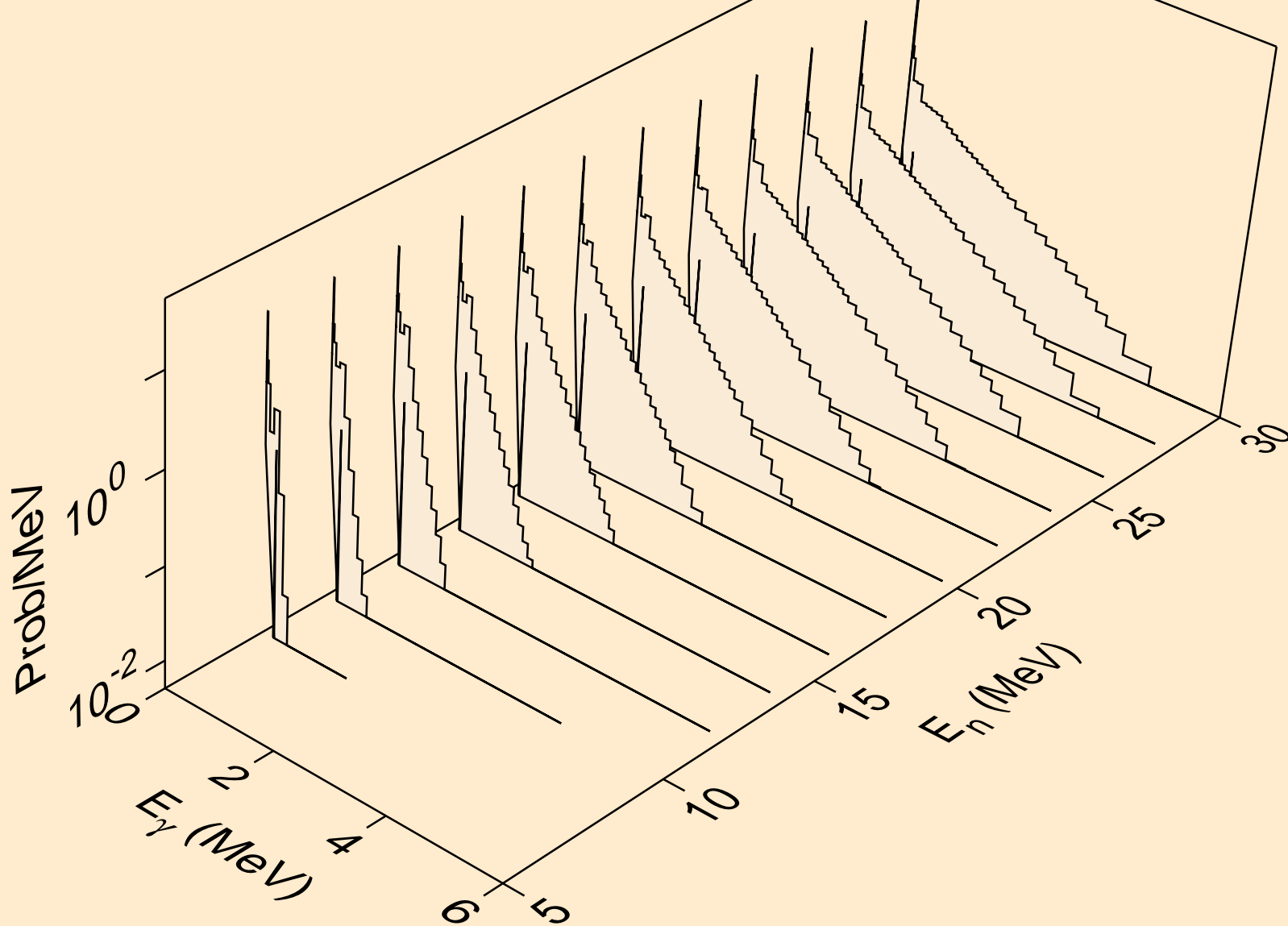
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



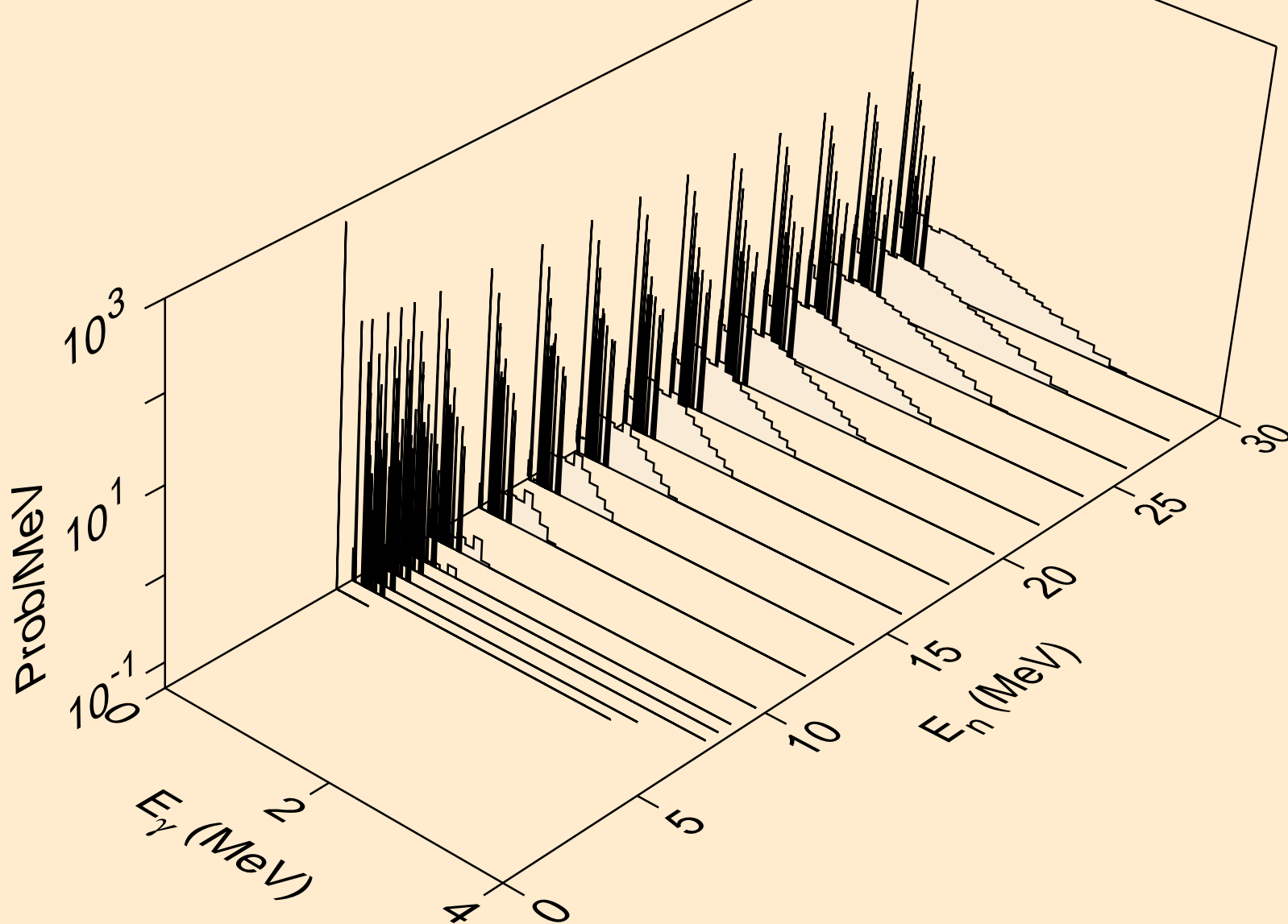
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



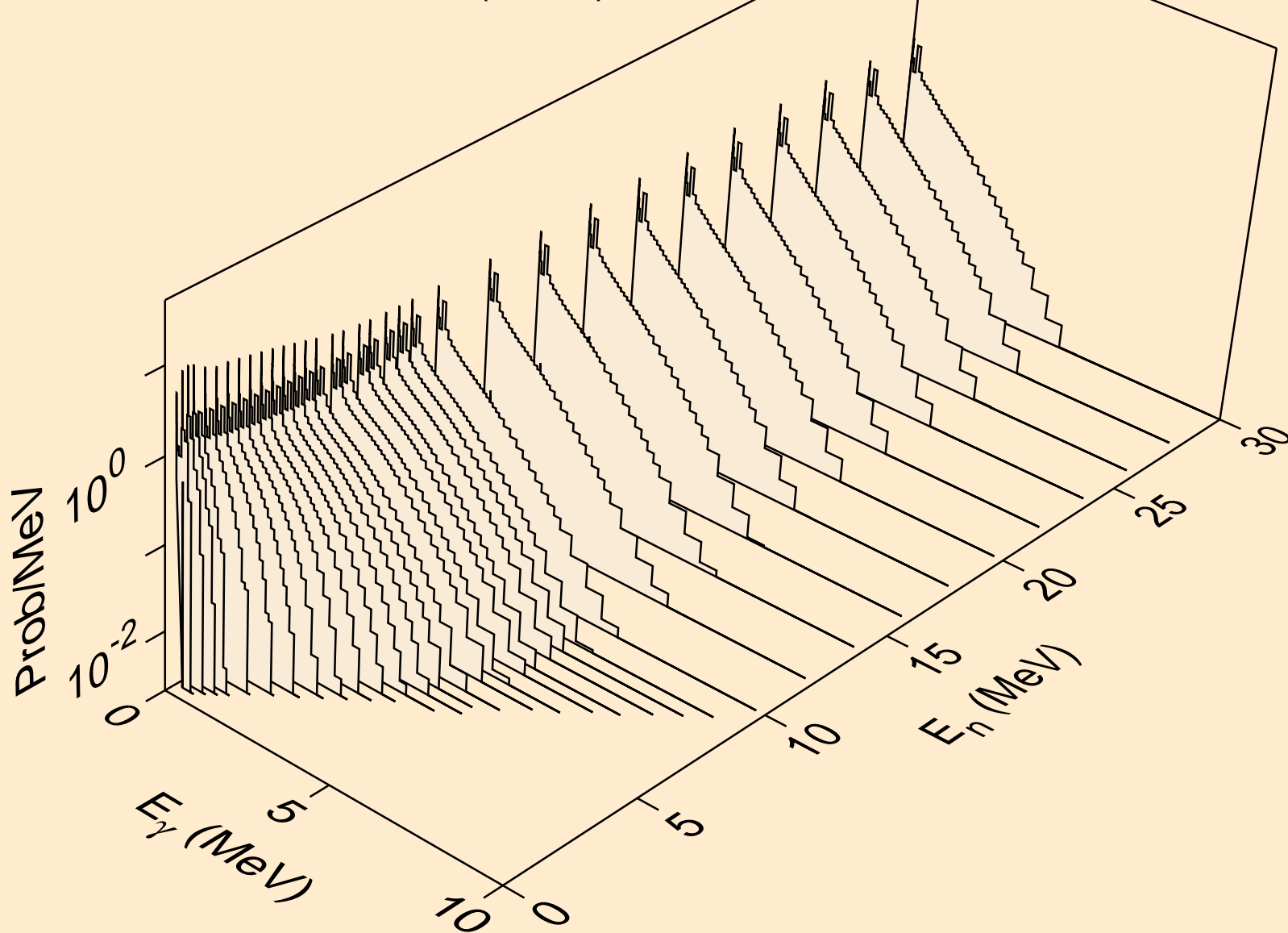
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



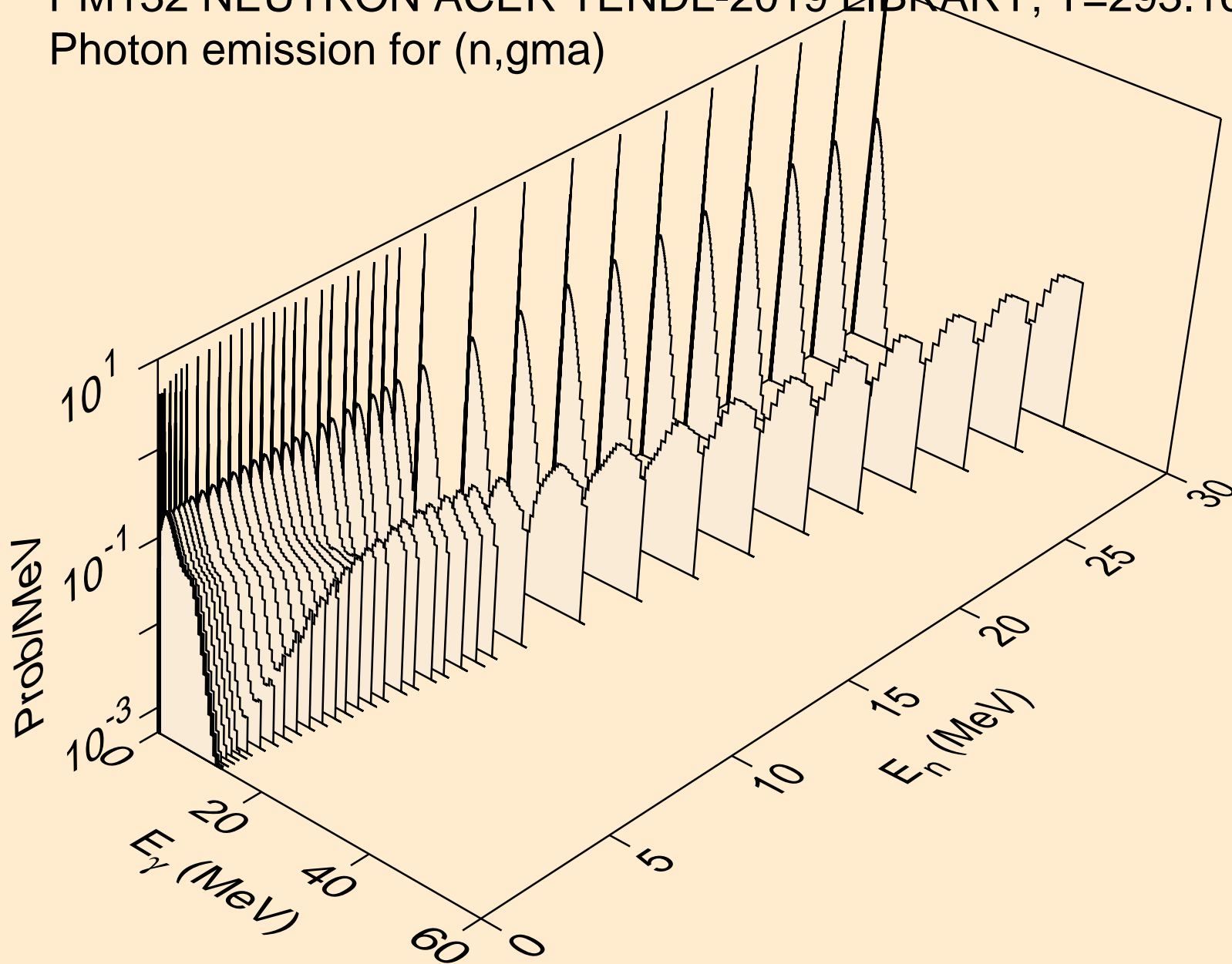
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



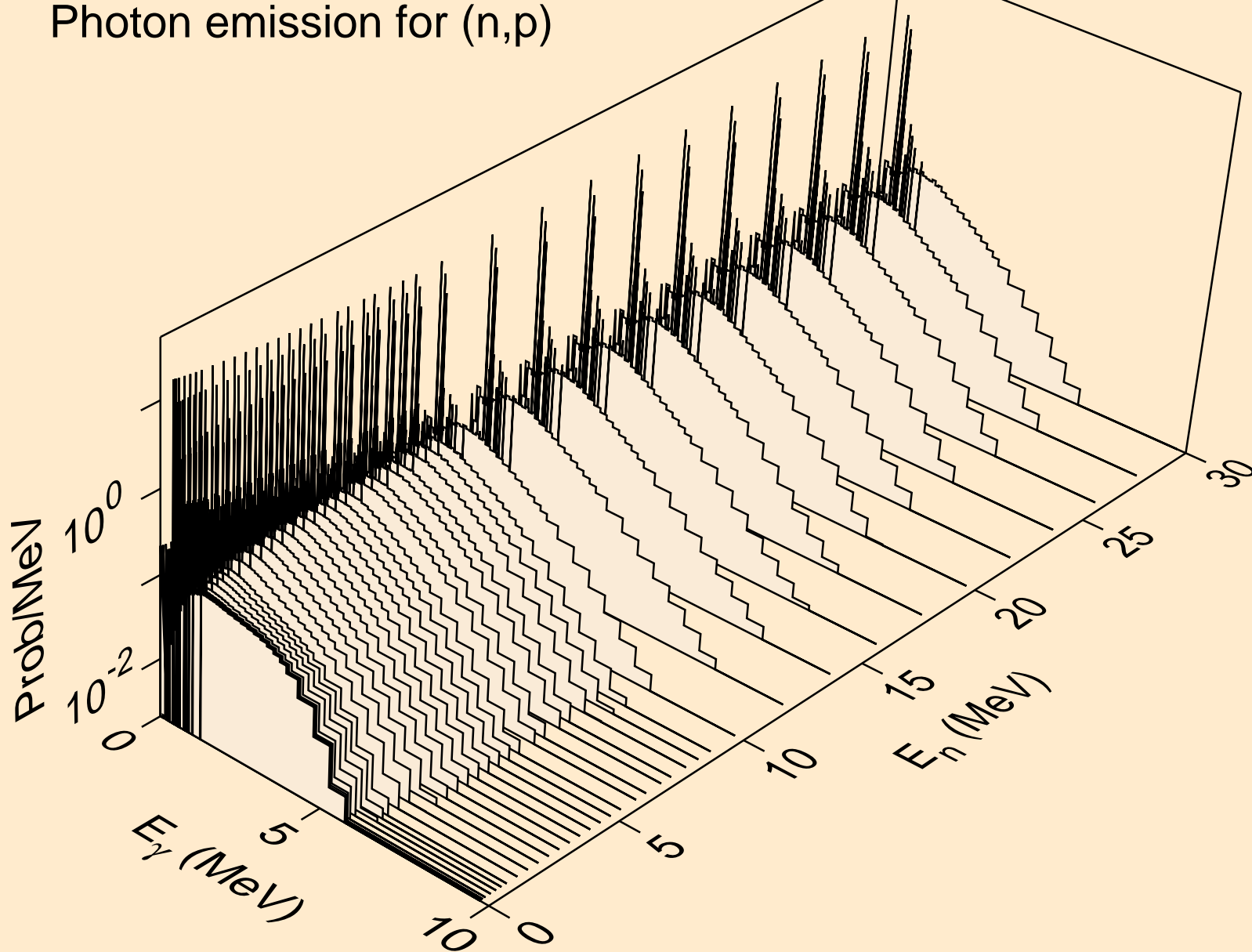
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)

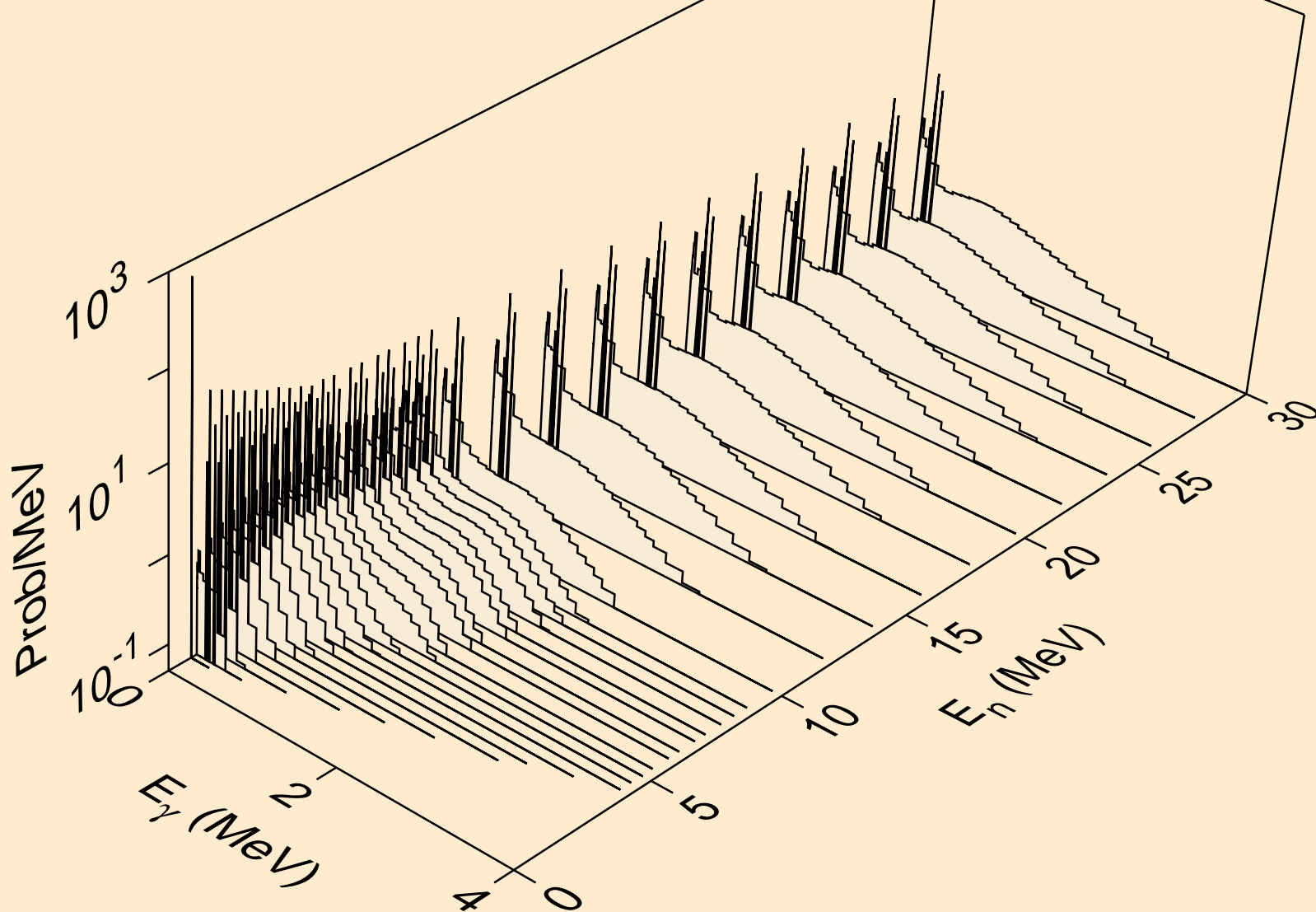


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

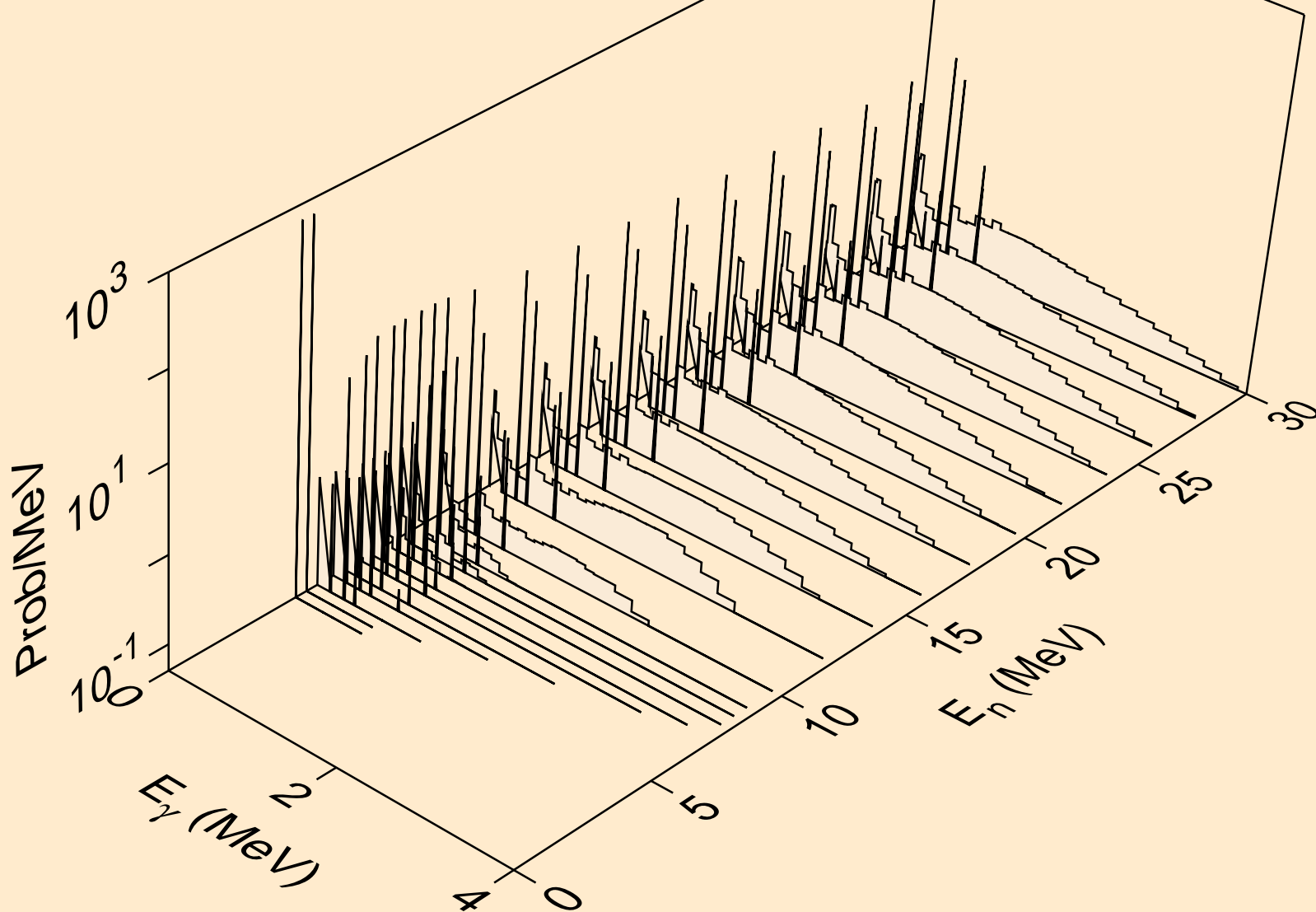




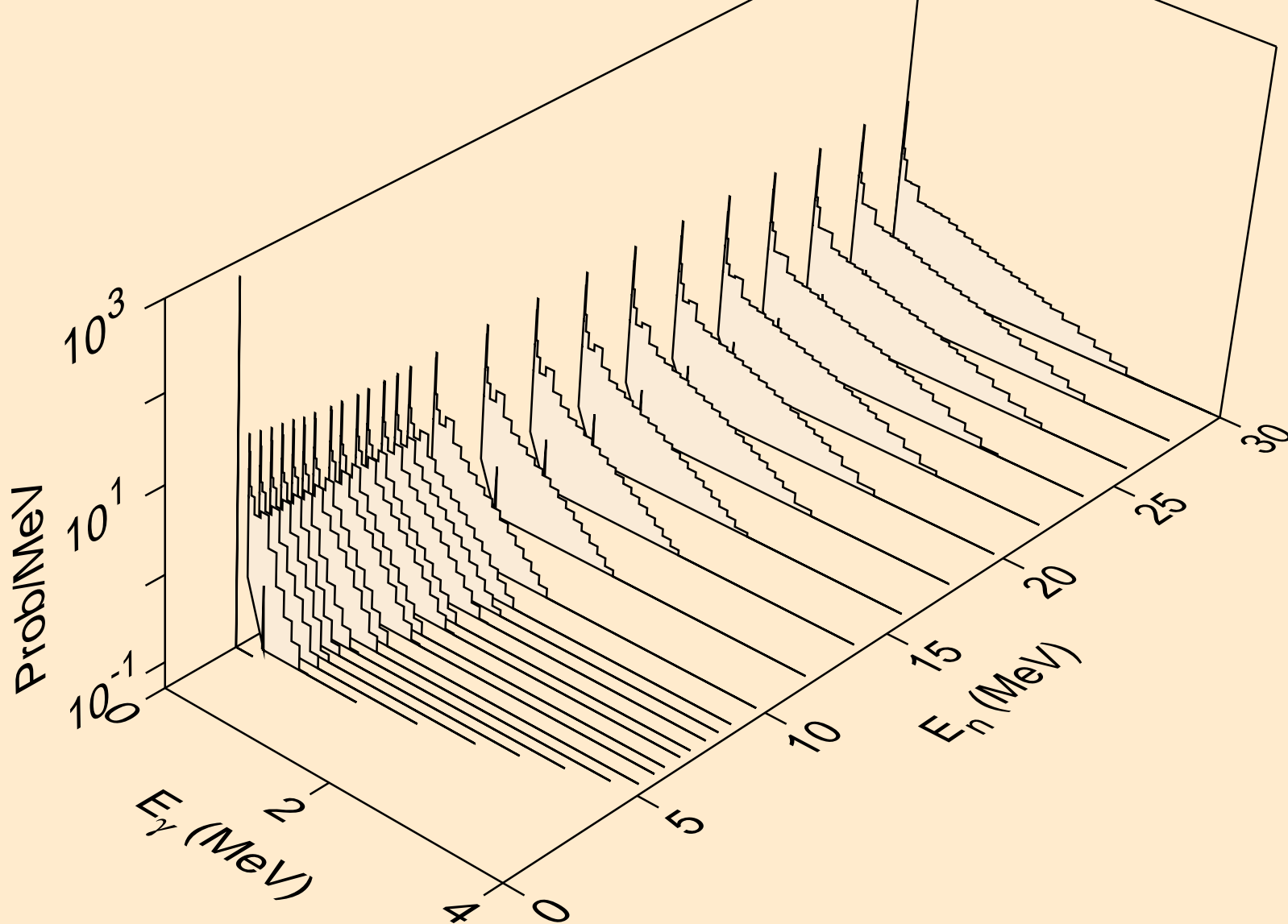
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



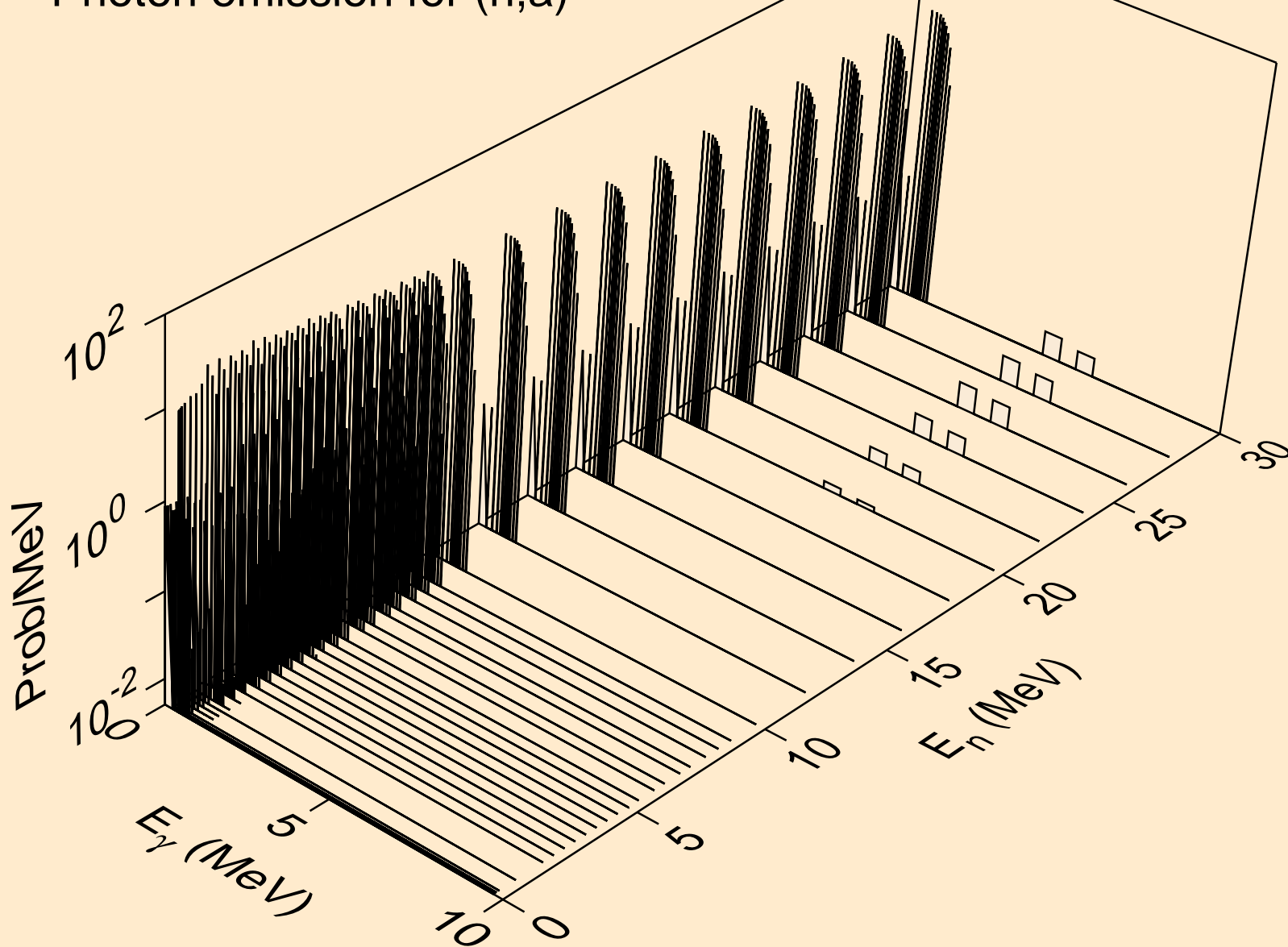
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



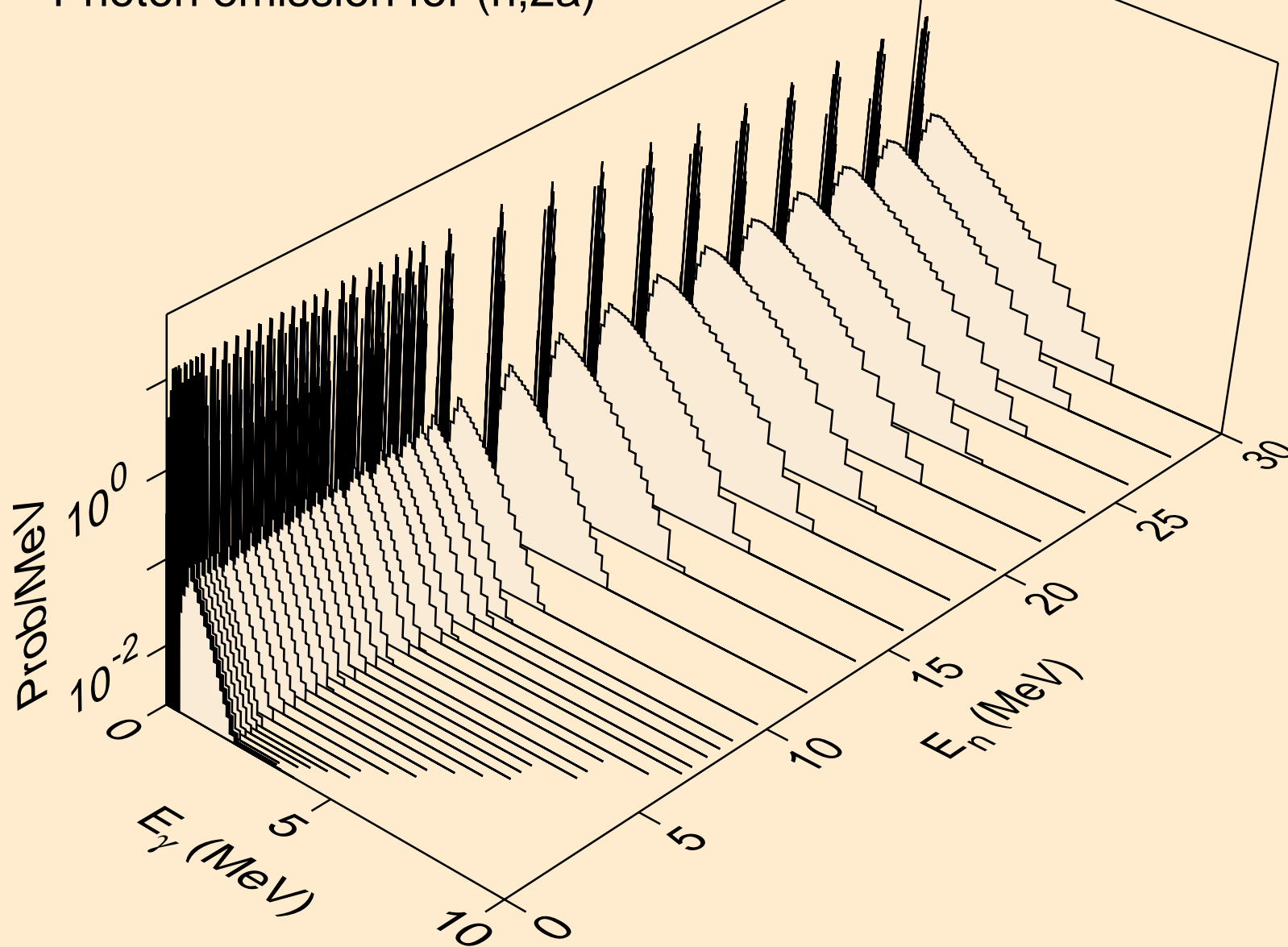
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



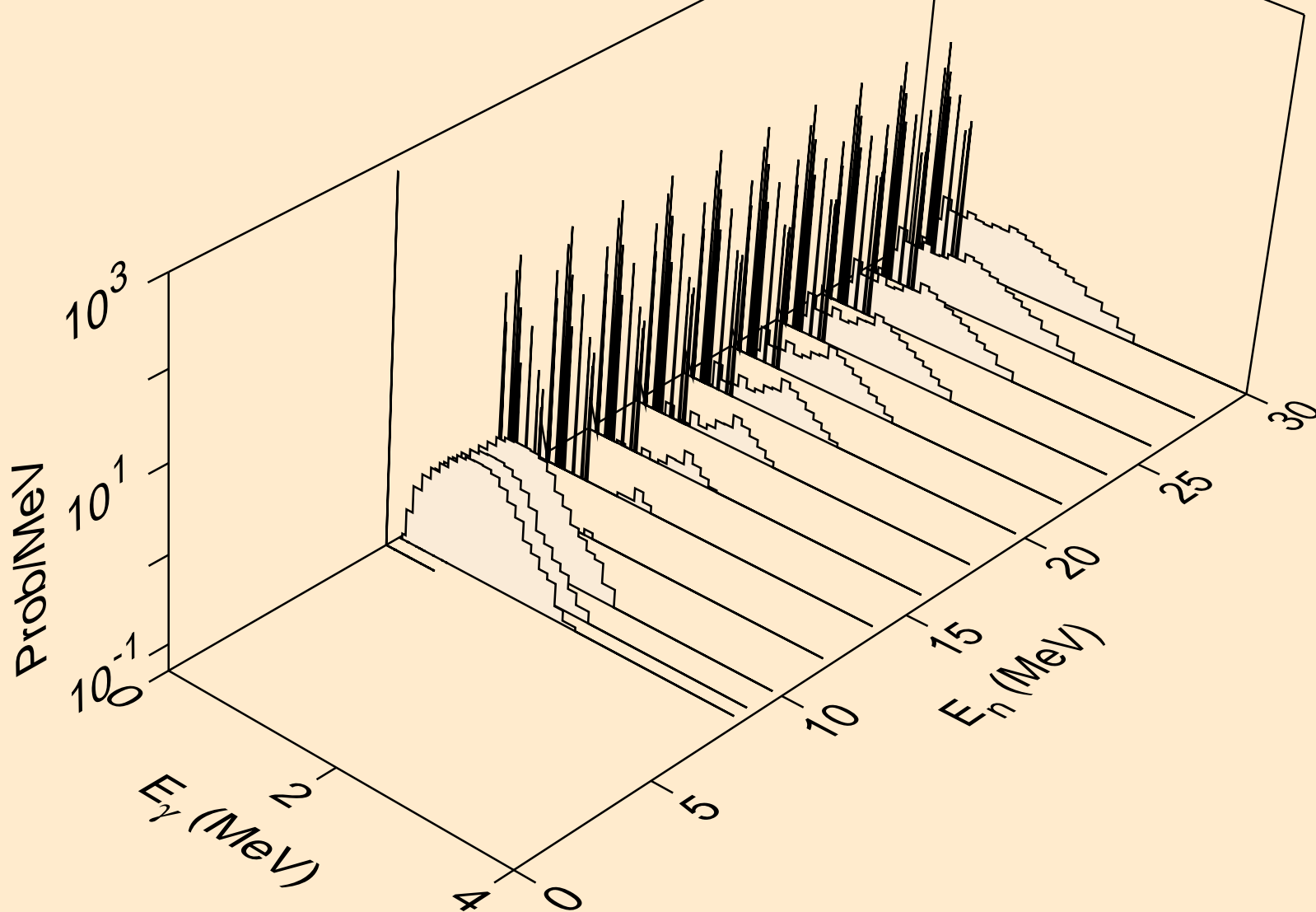
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



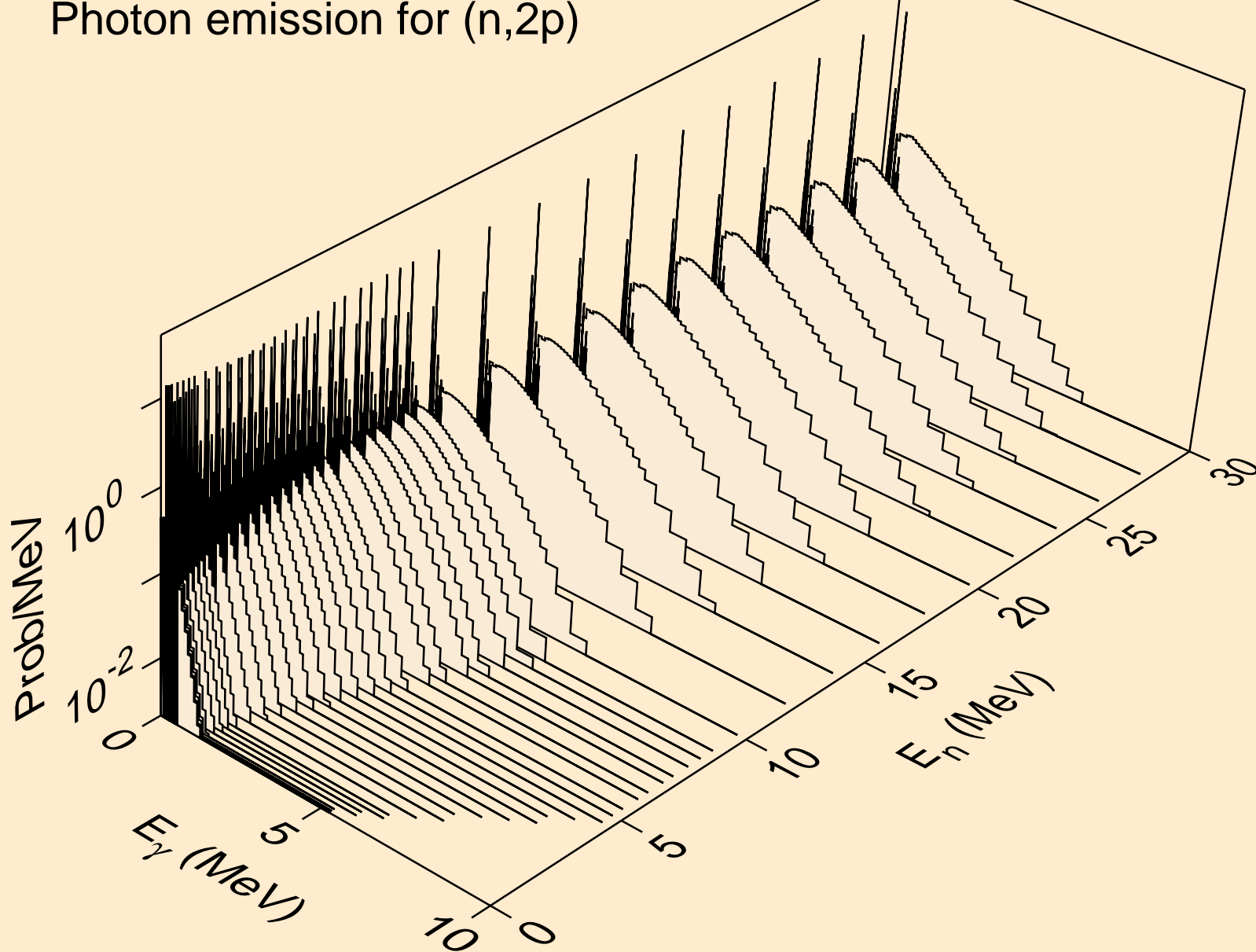
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



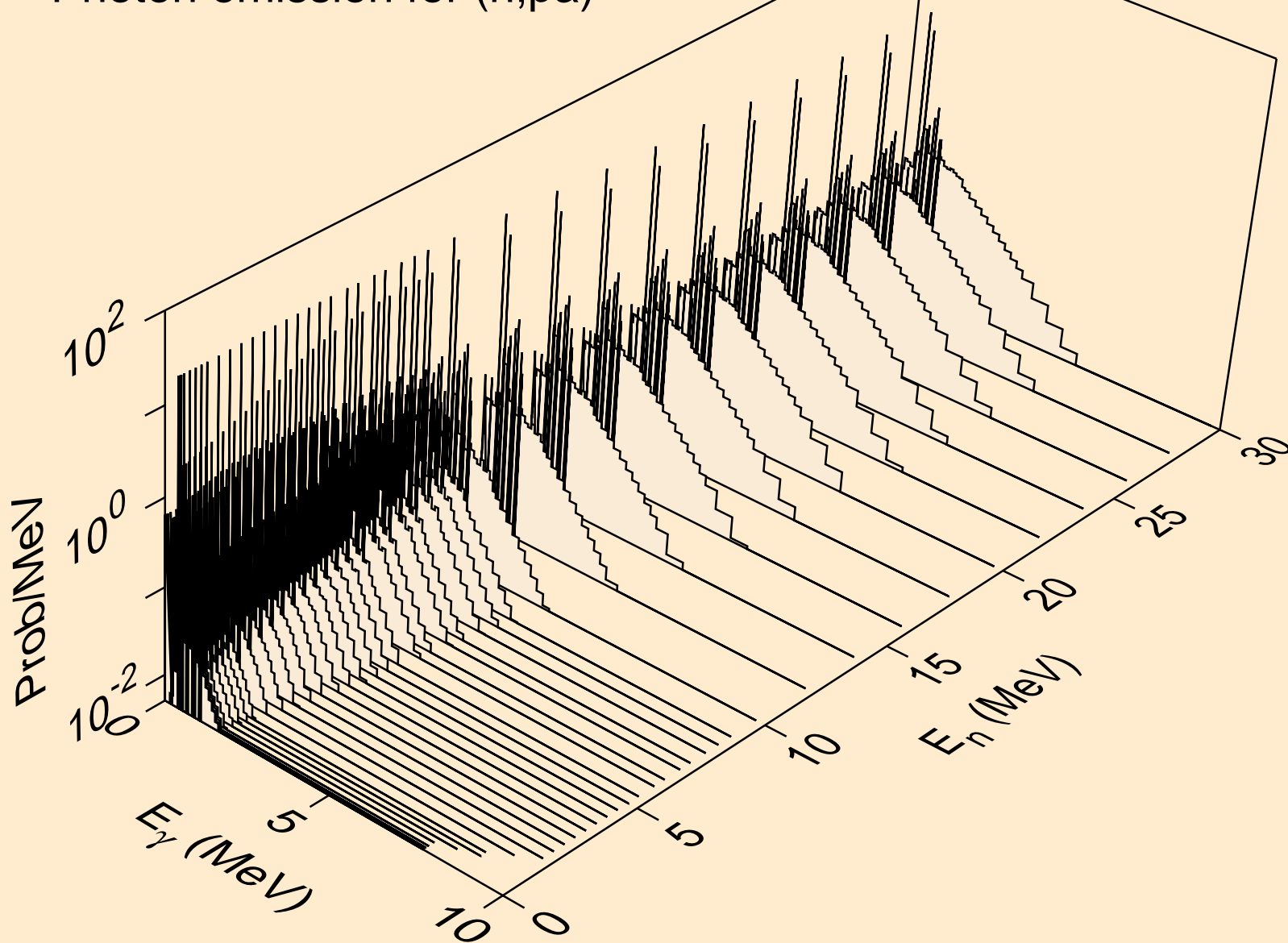
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)

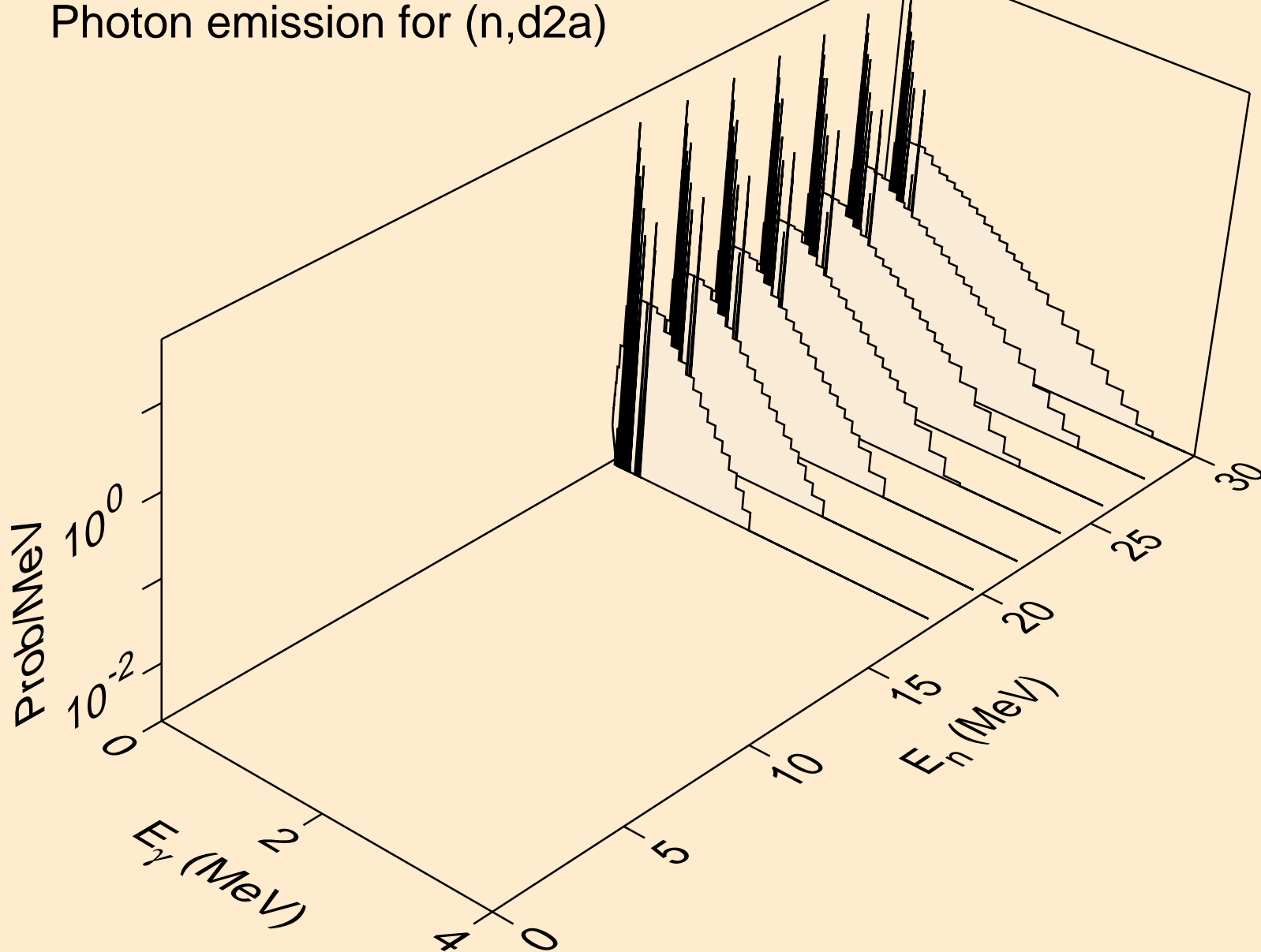


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )

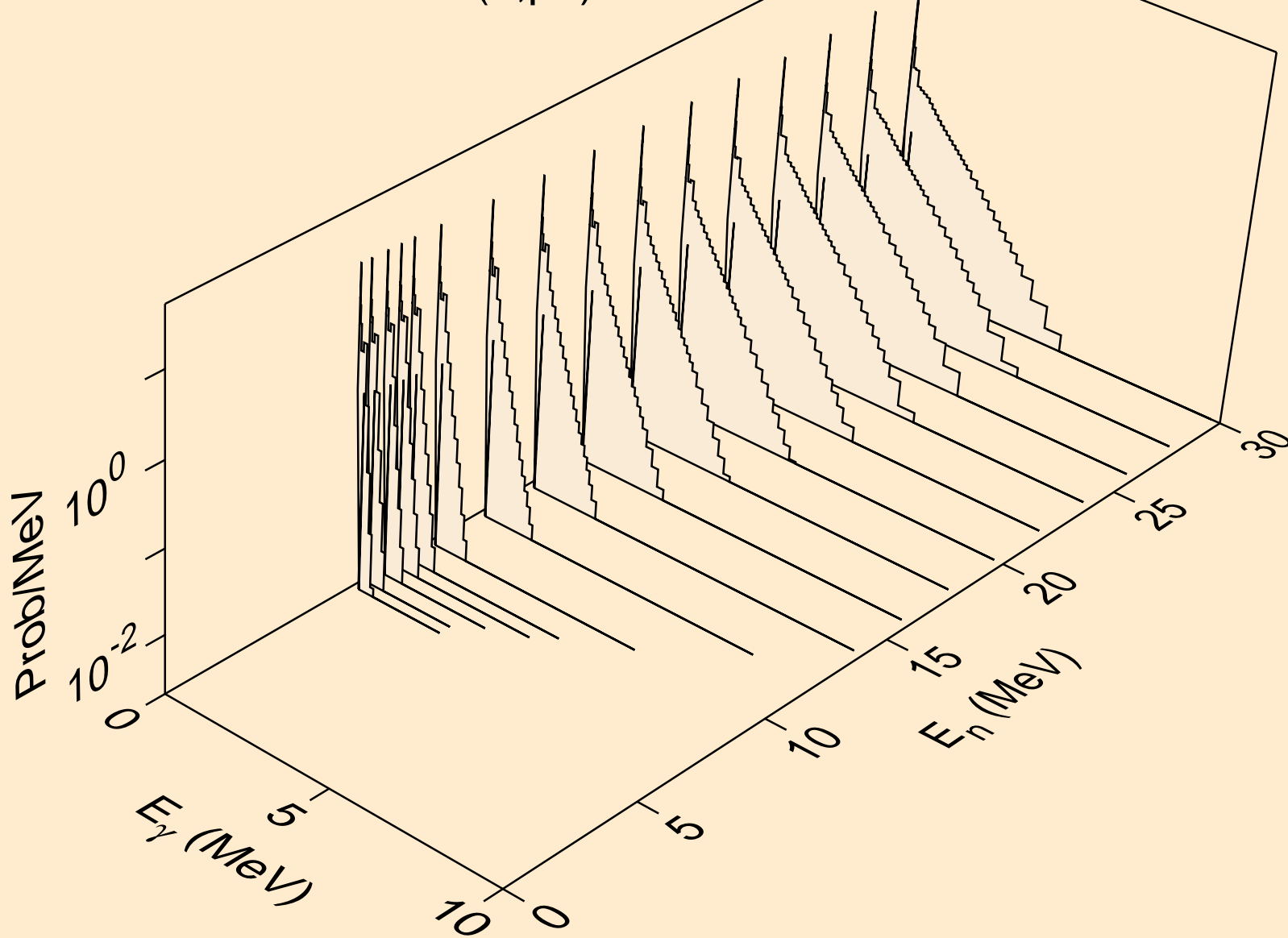




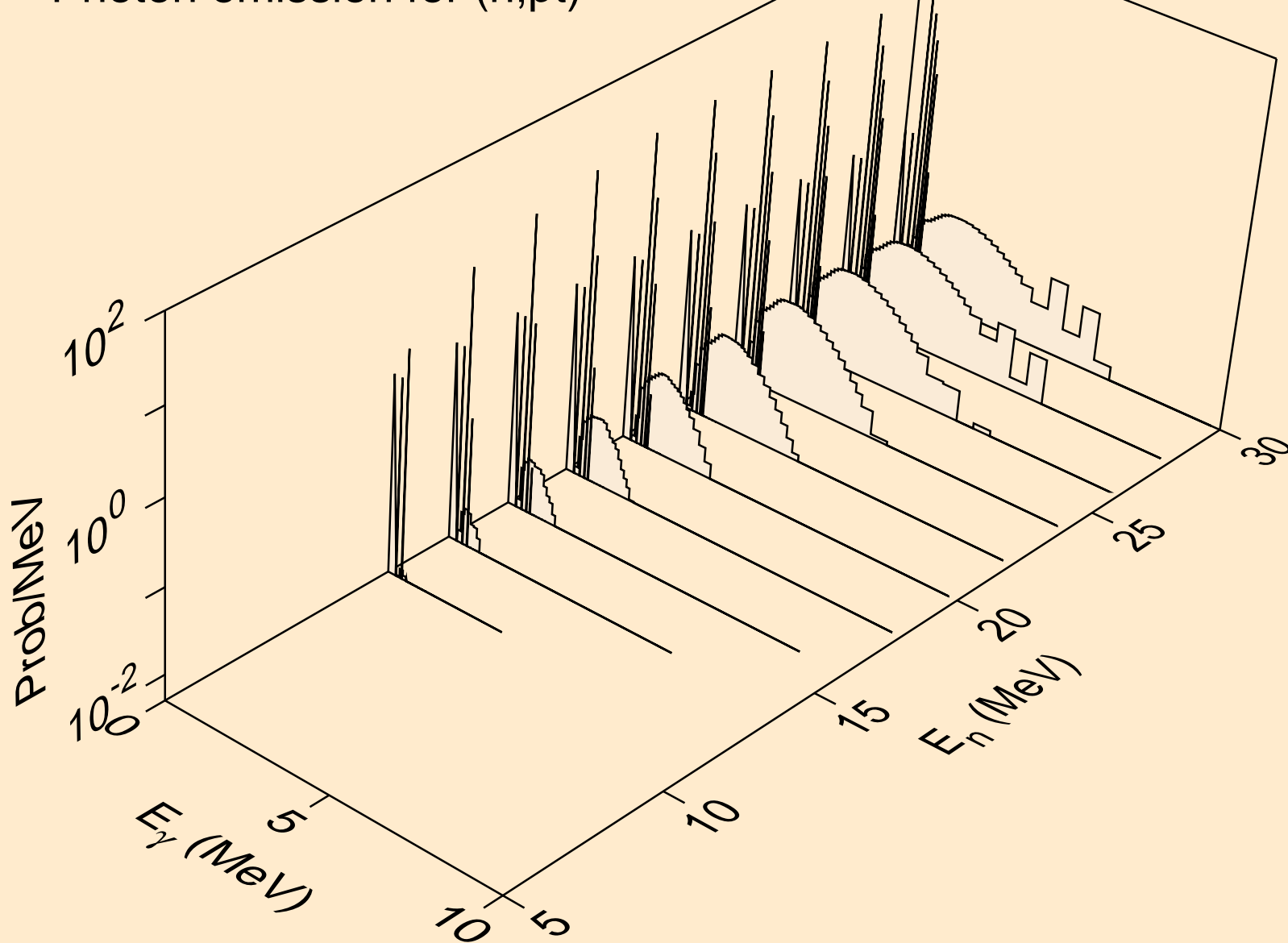
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d2a)



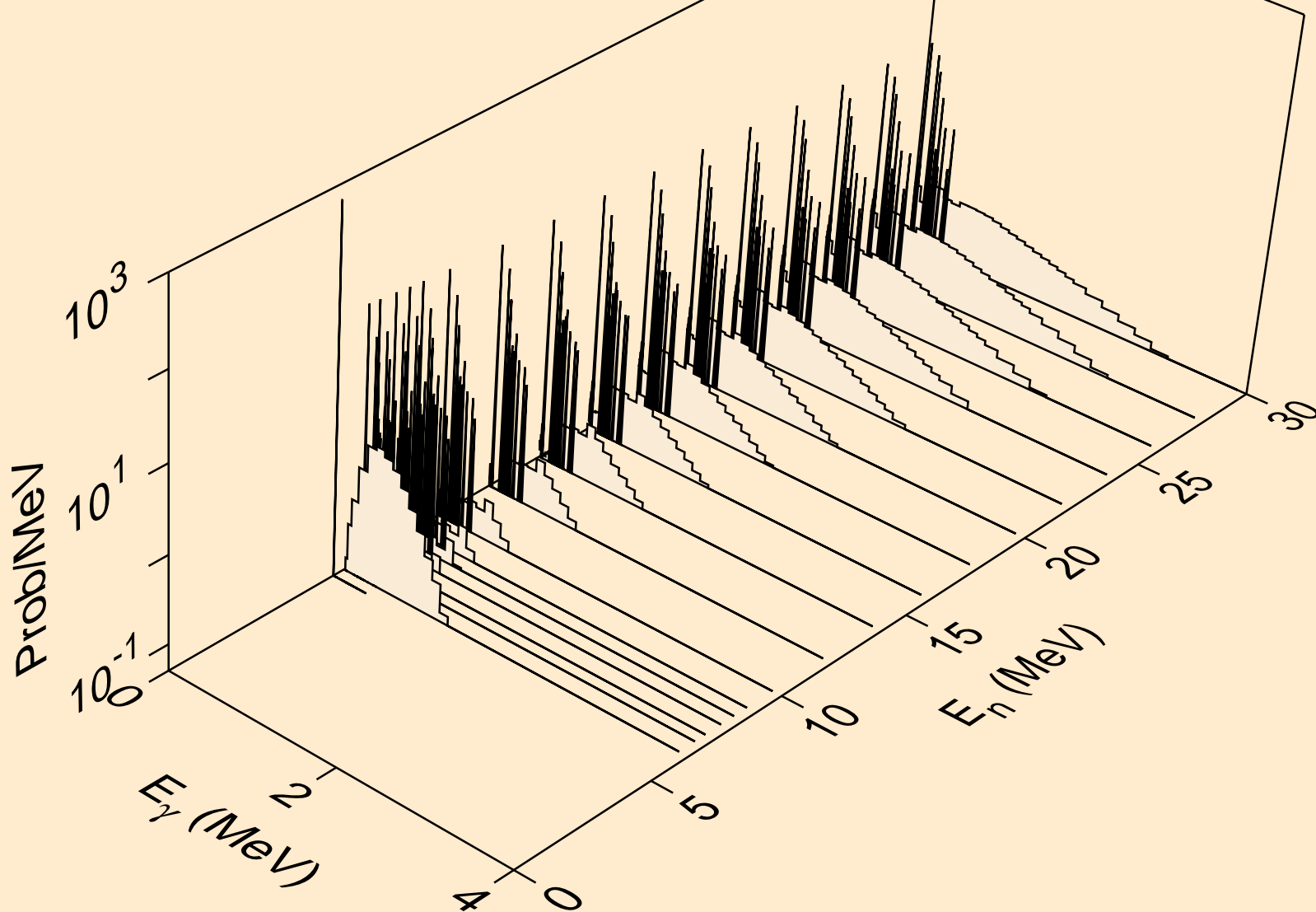
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



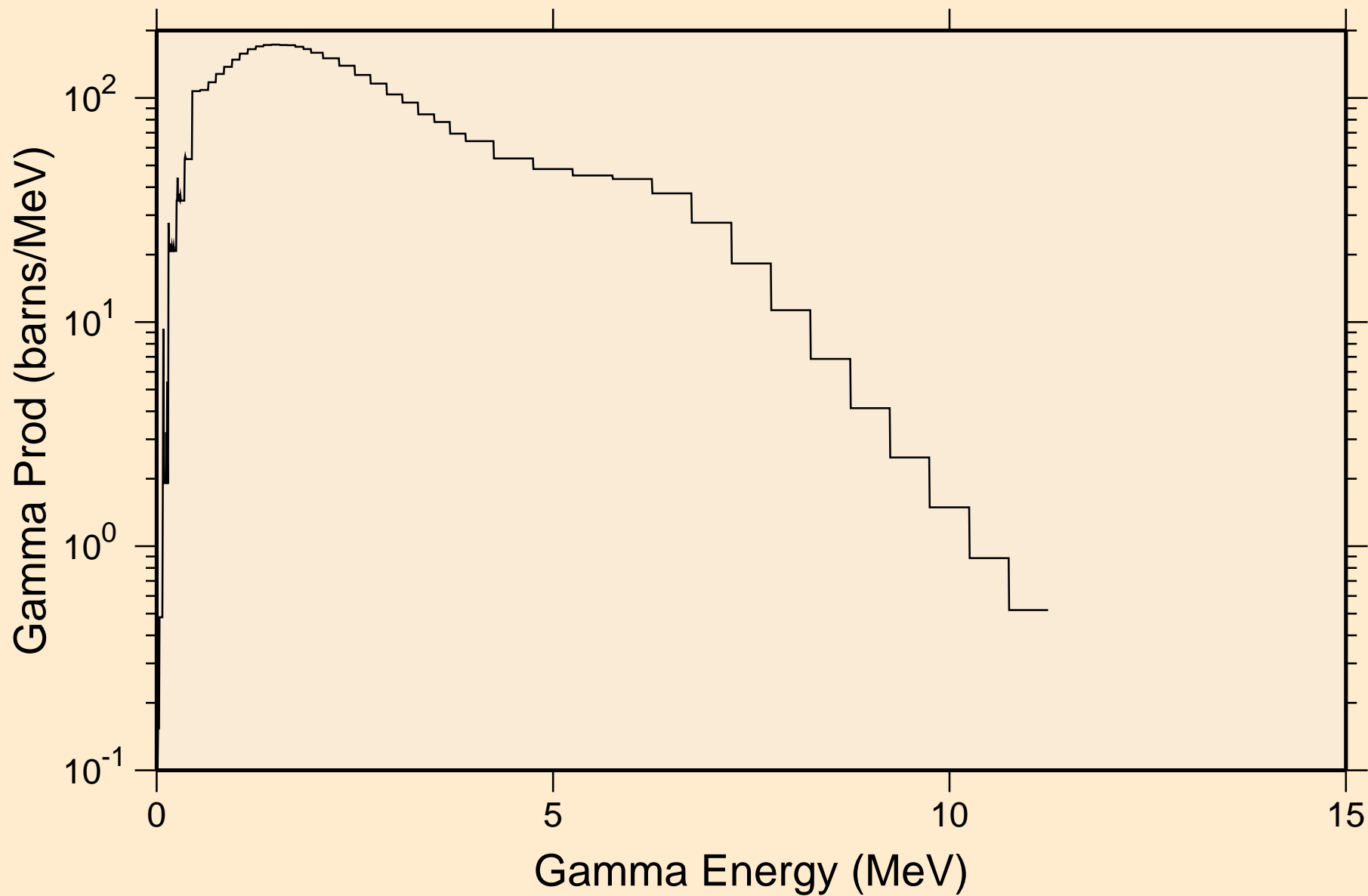
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



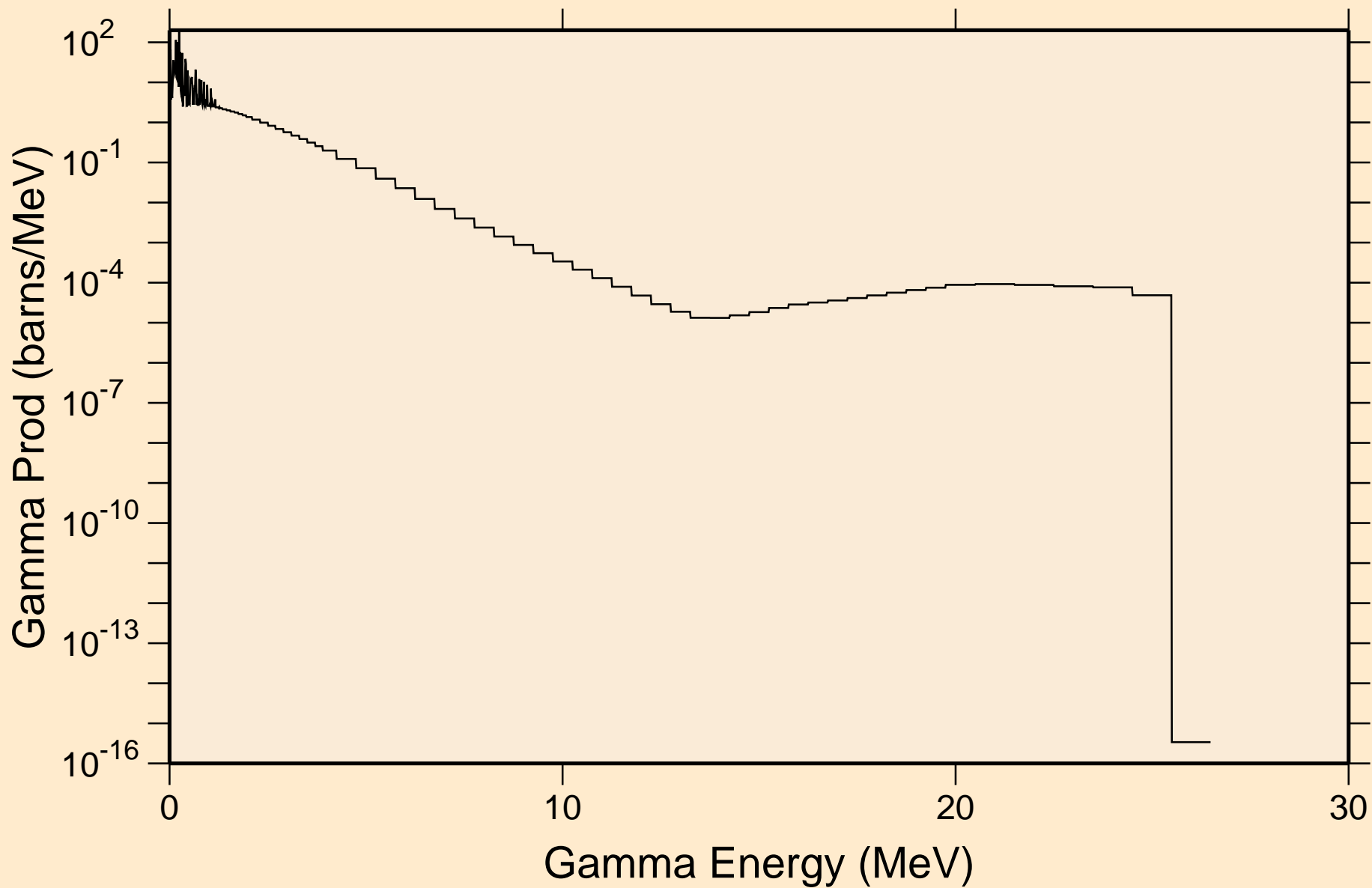
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

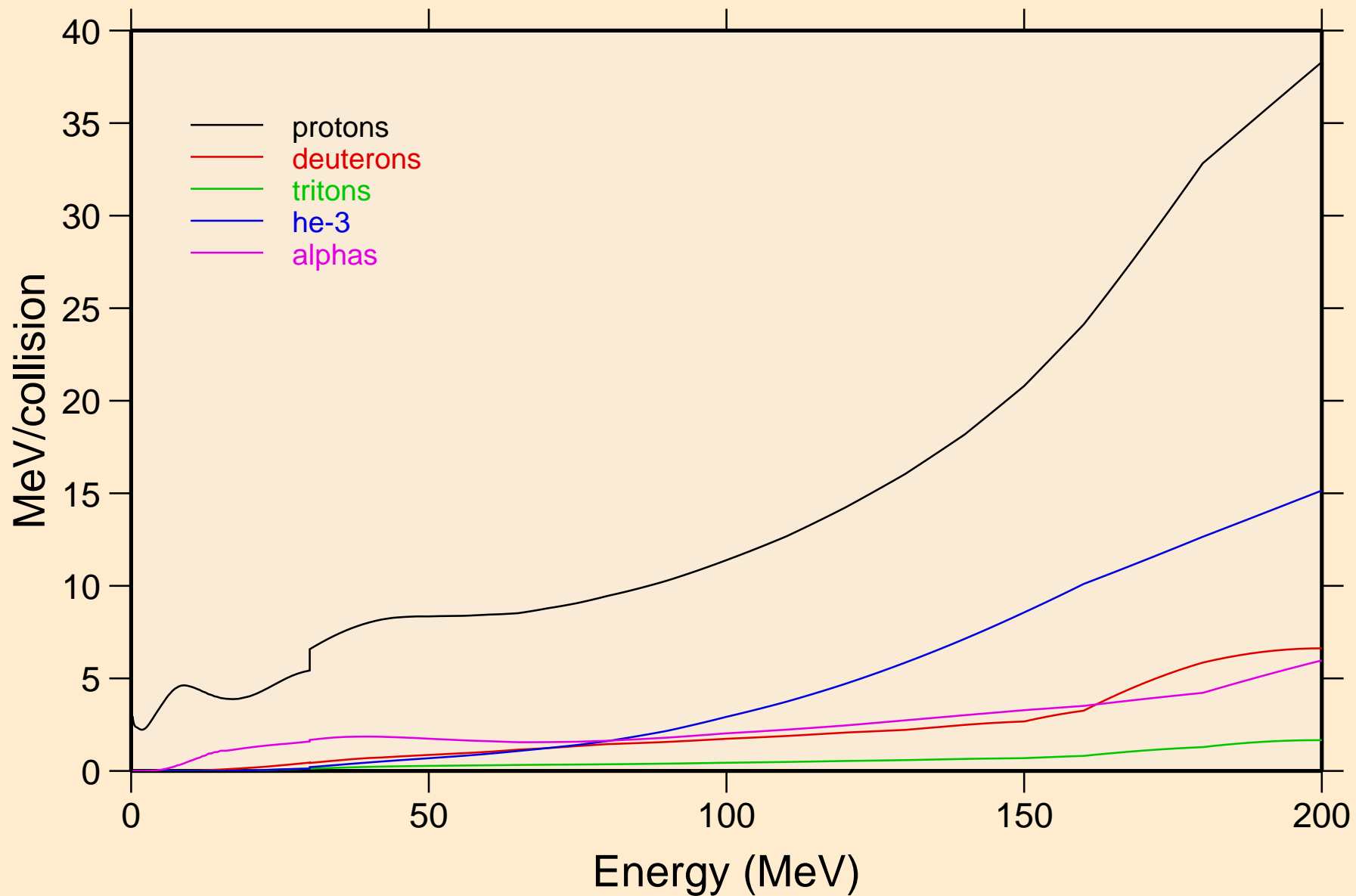


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

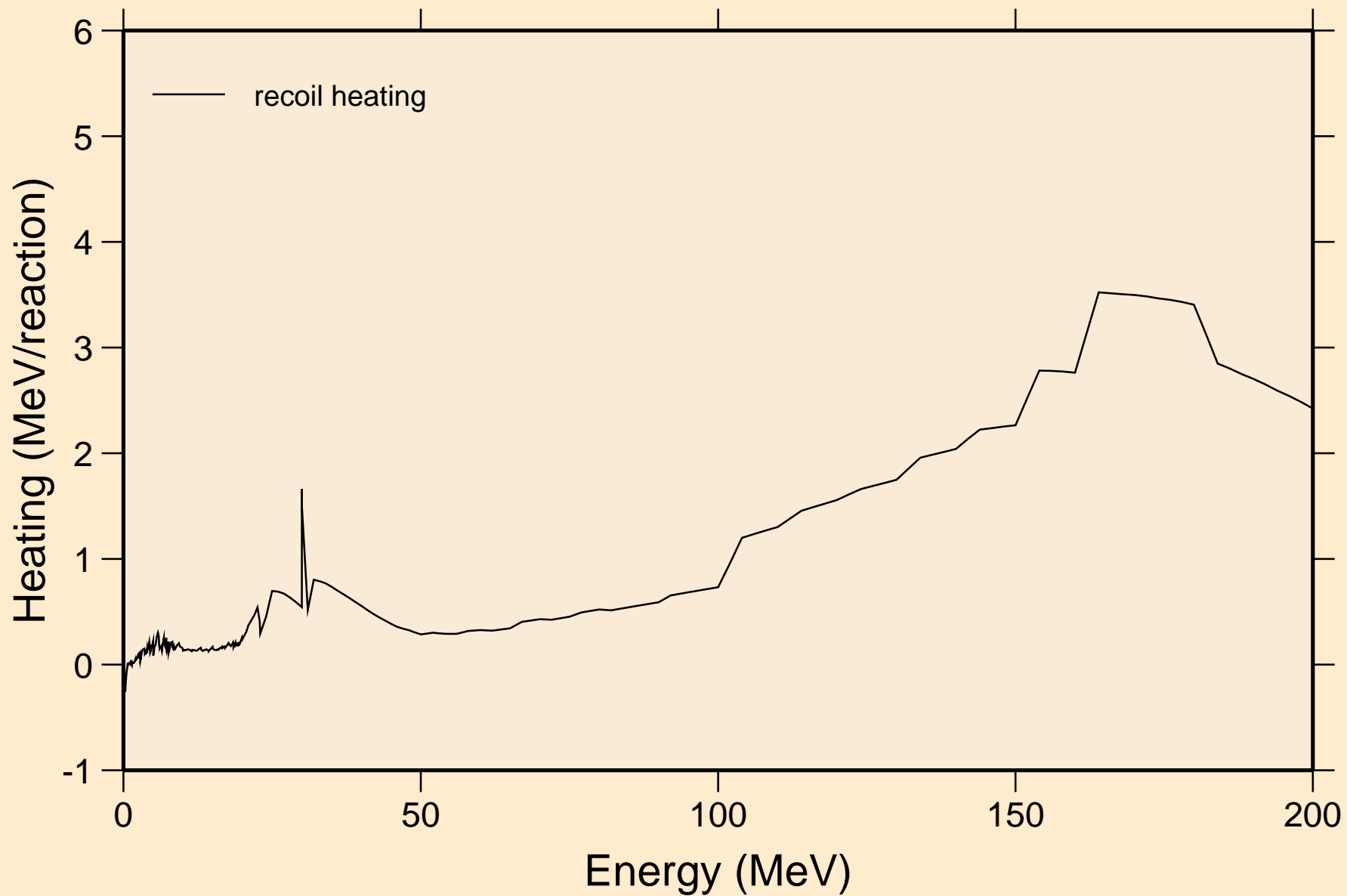


# PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions

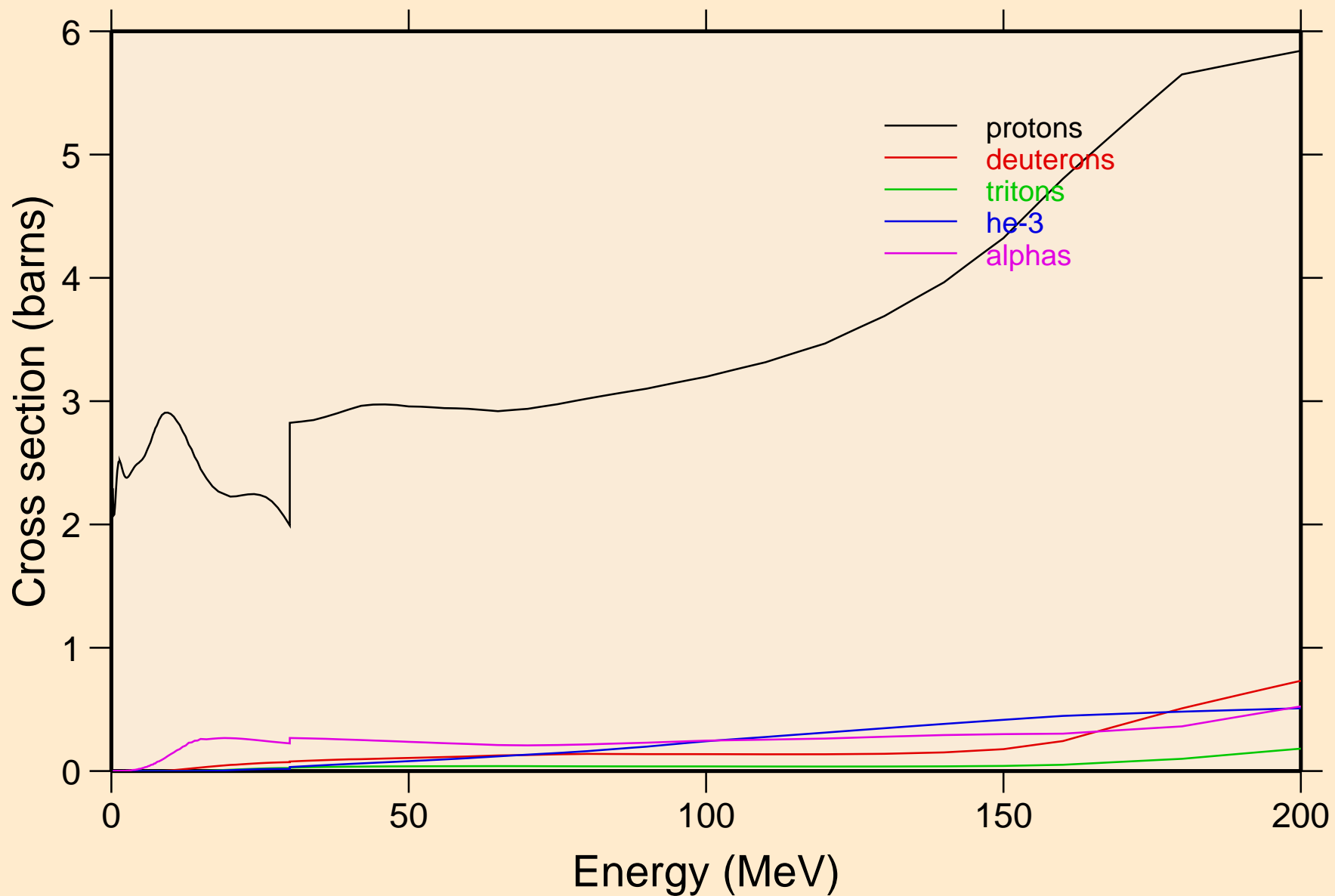


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

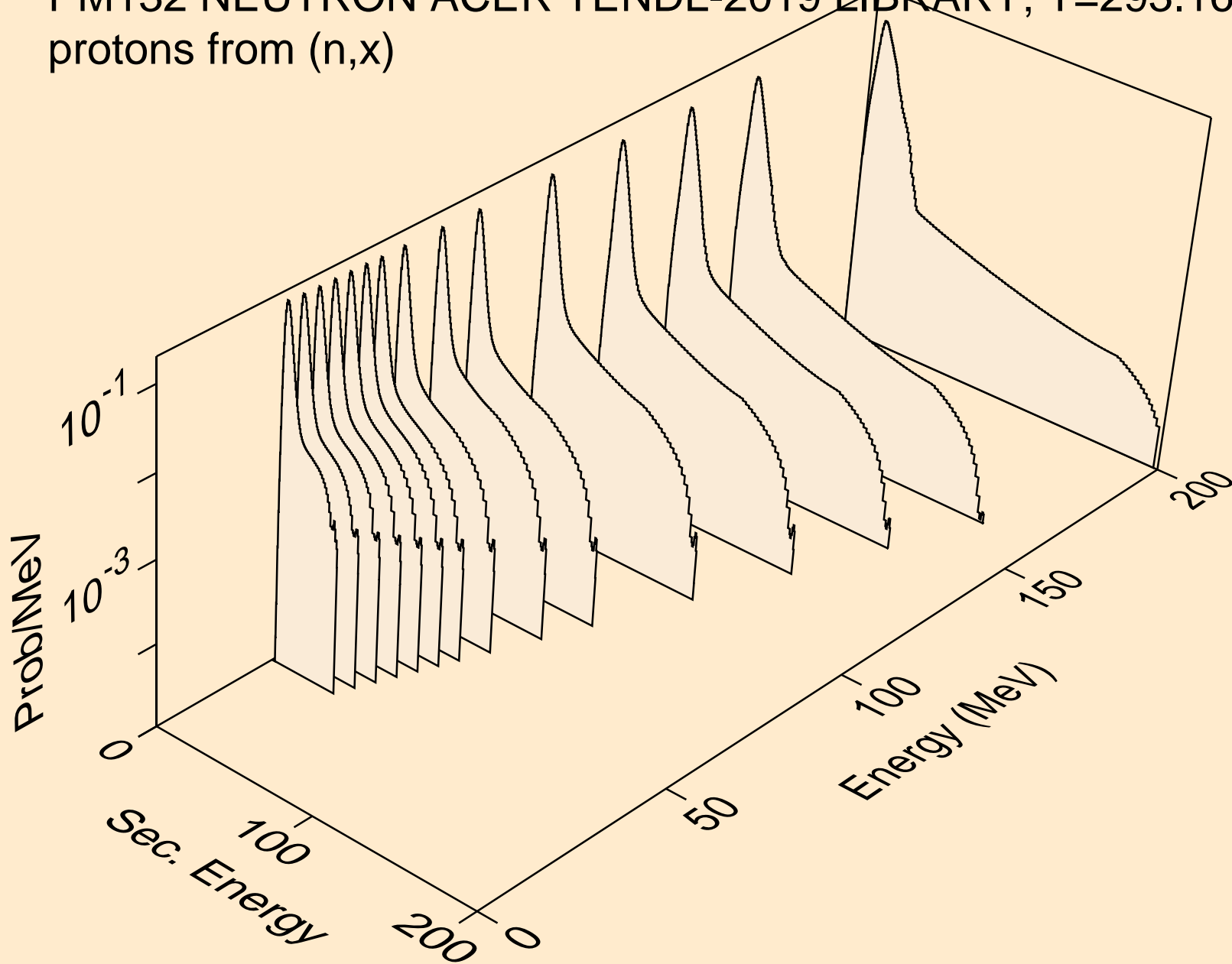




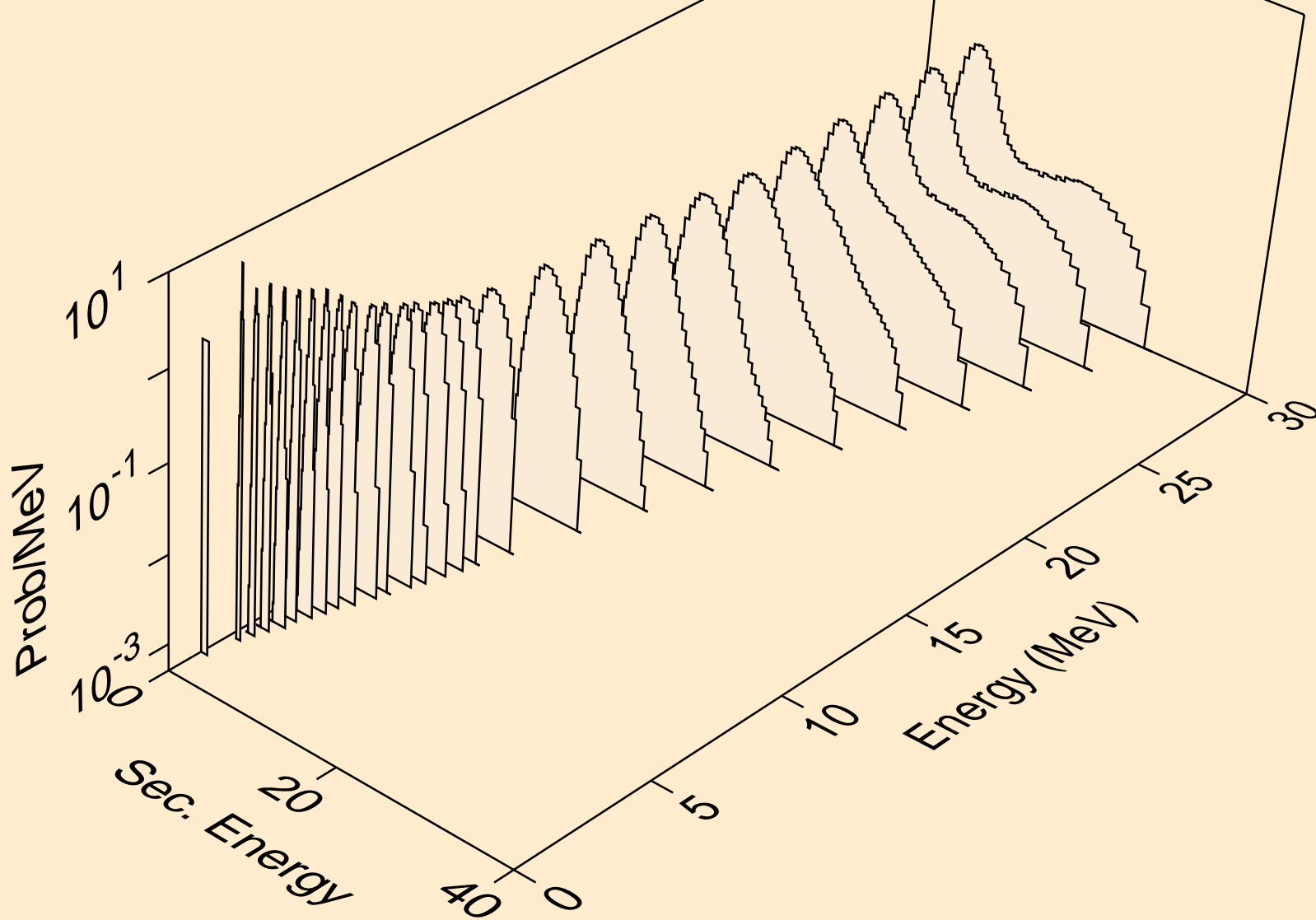
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



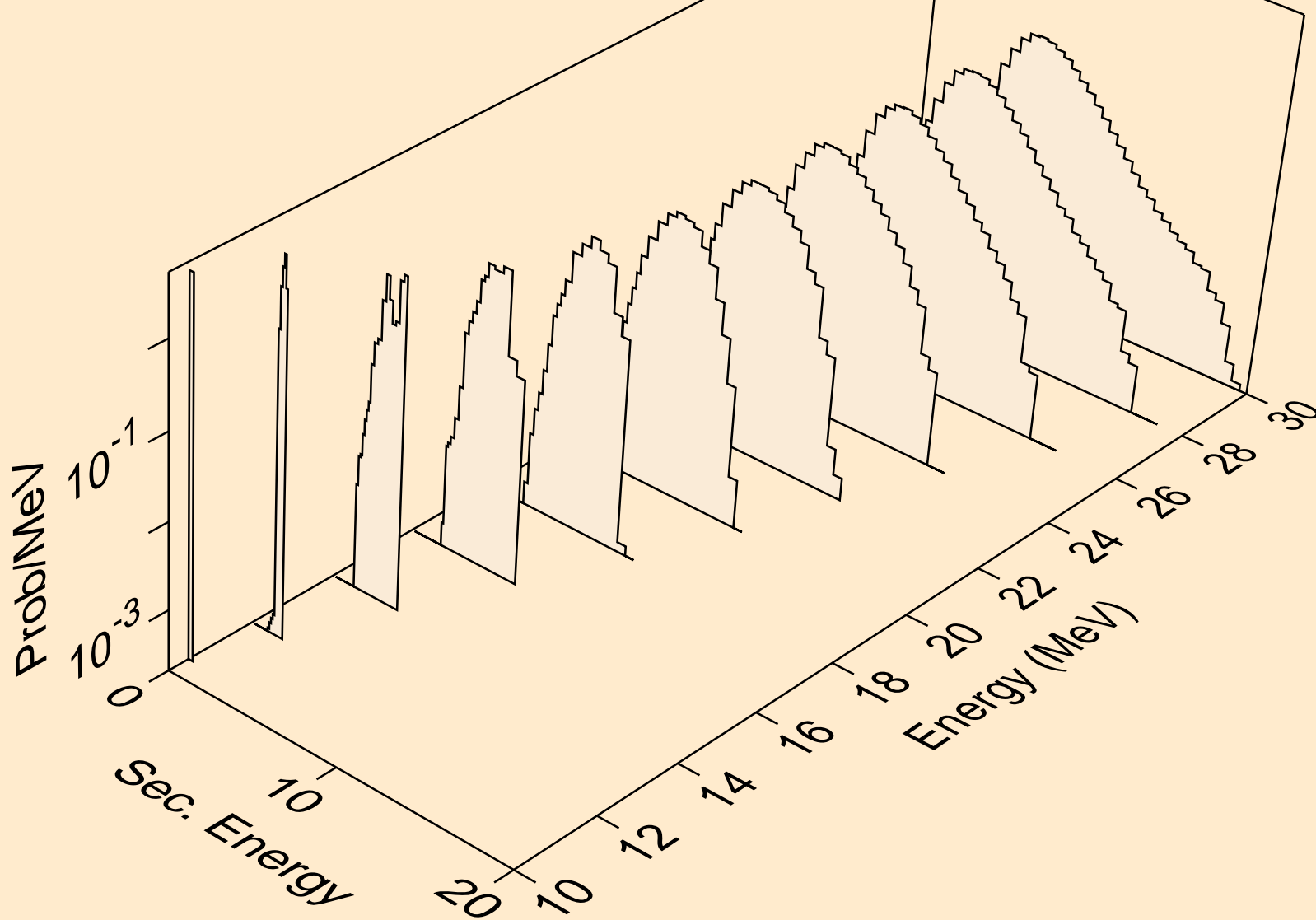
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



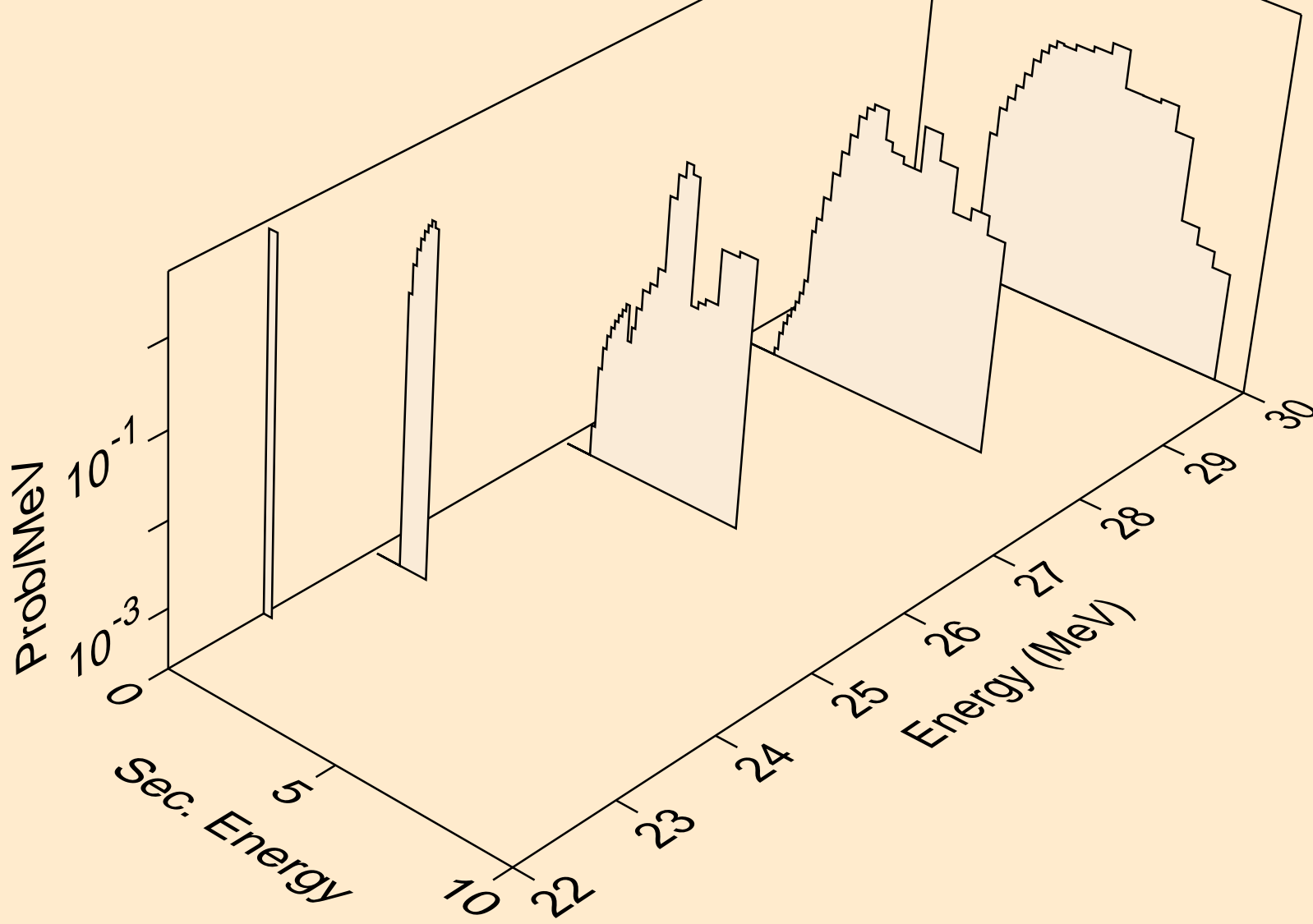
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



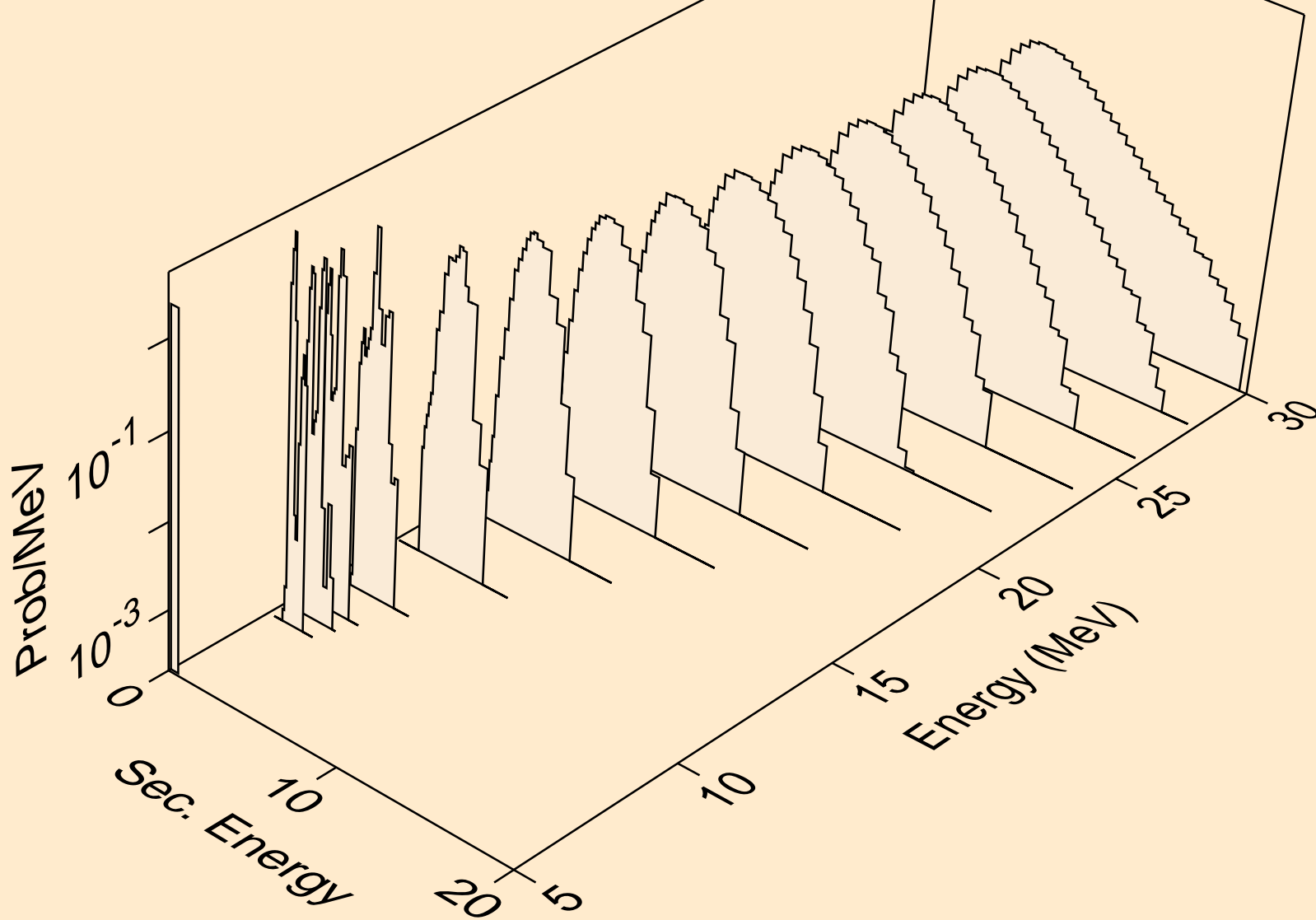
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



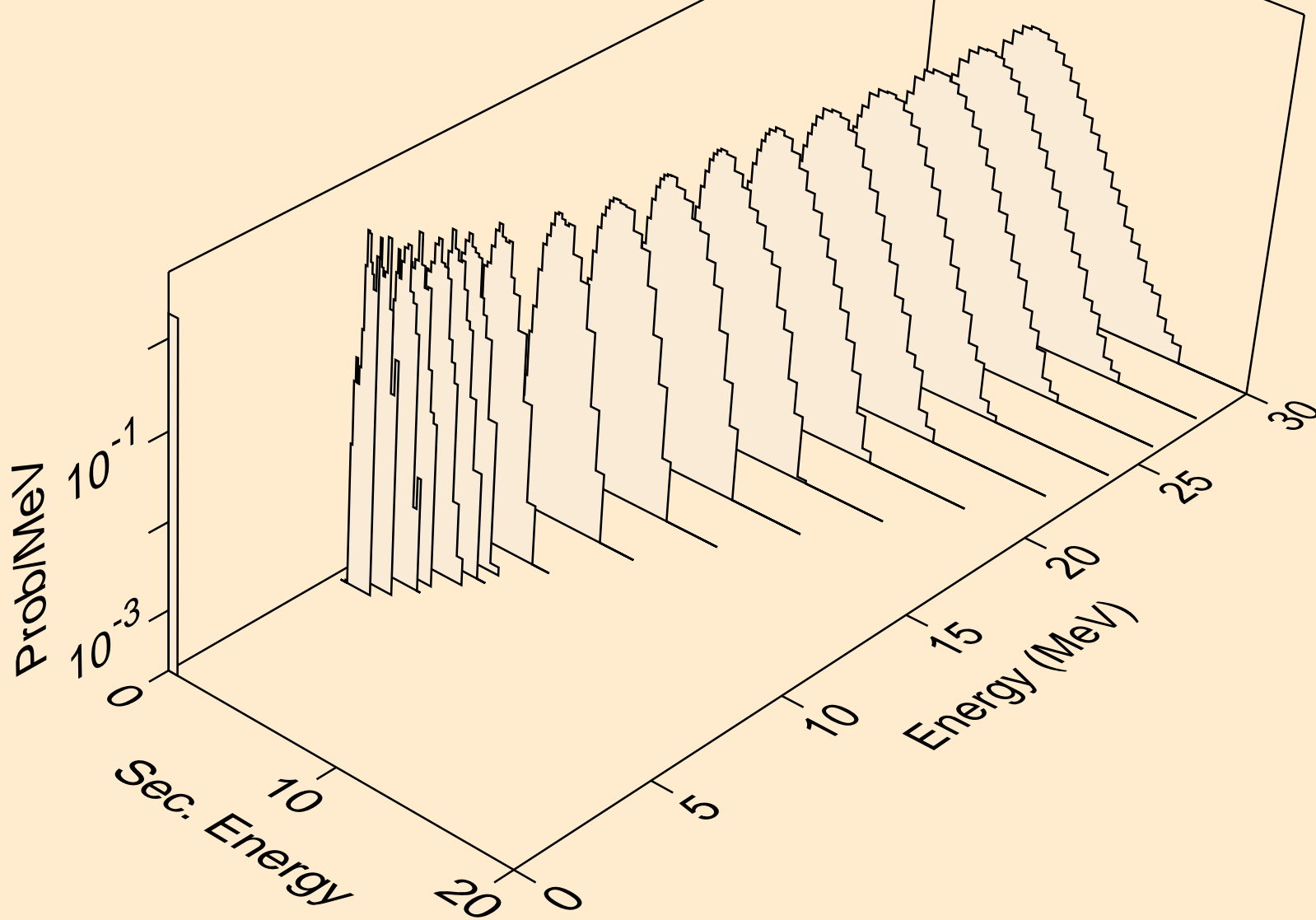
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



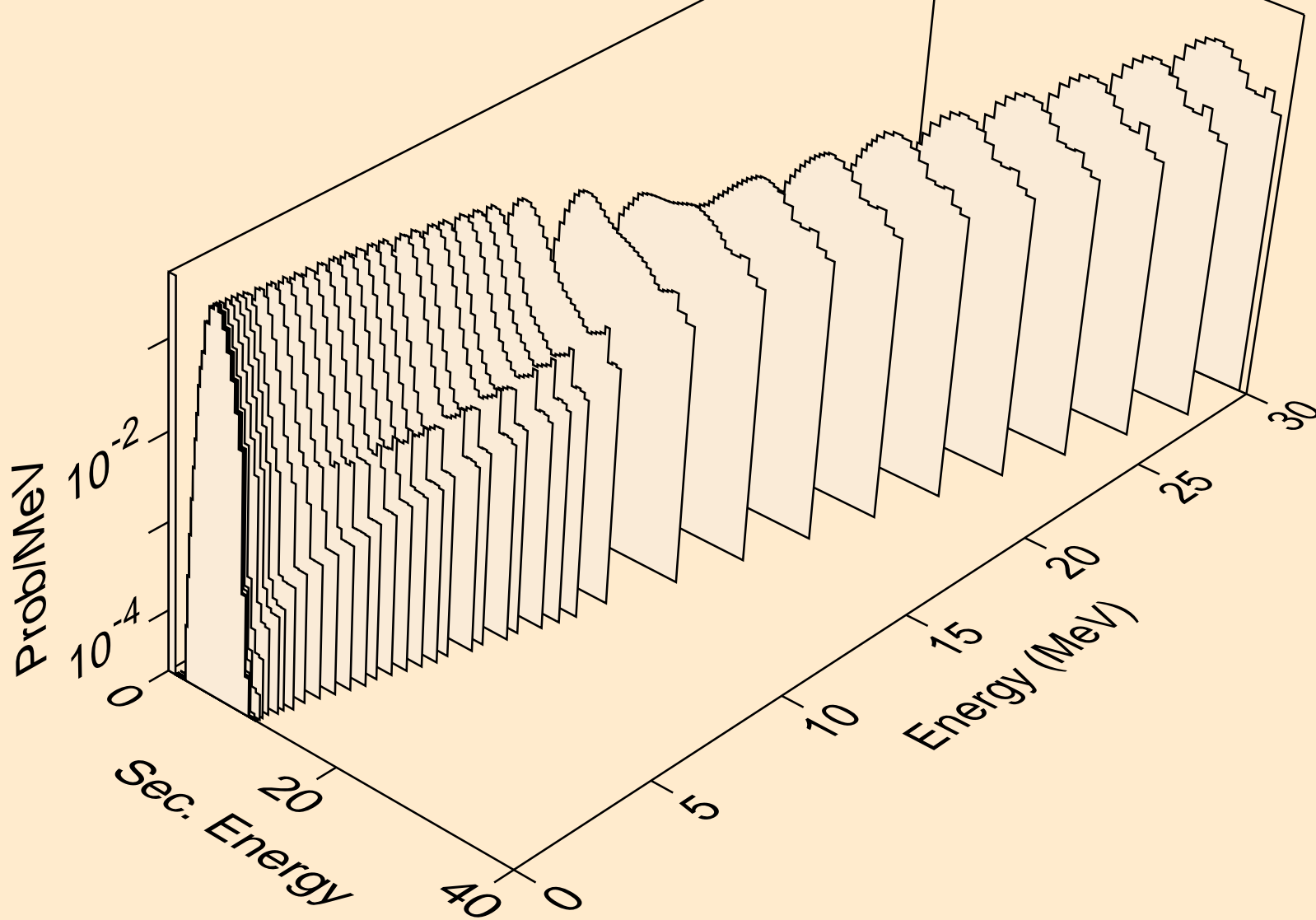
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)

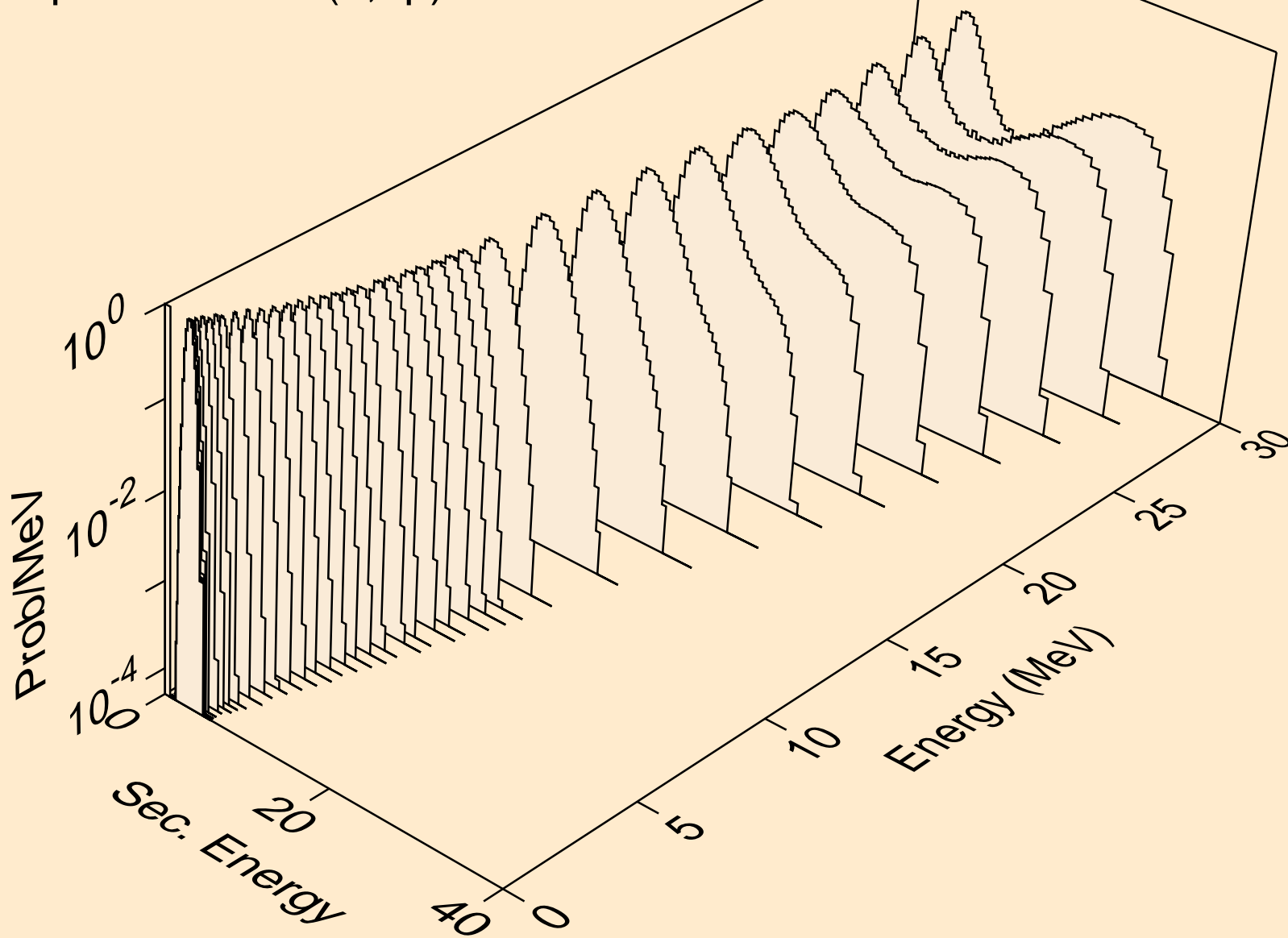


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

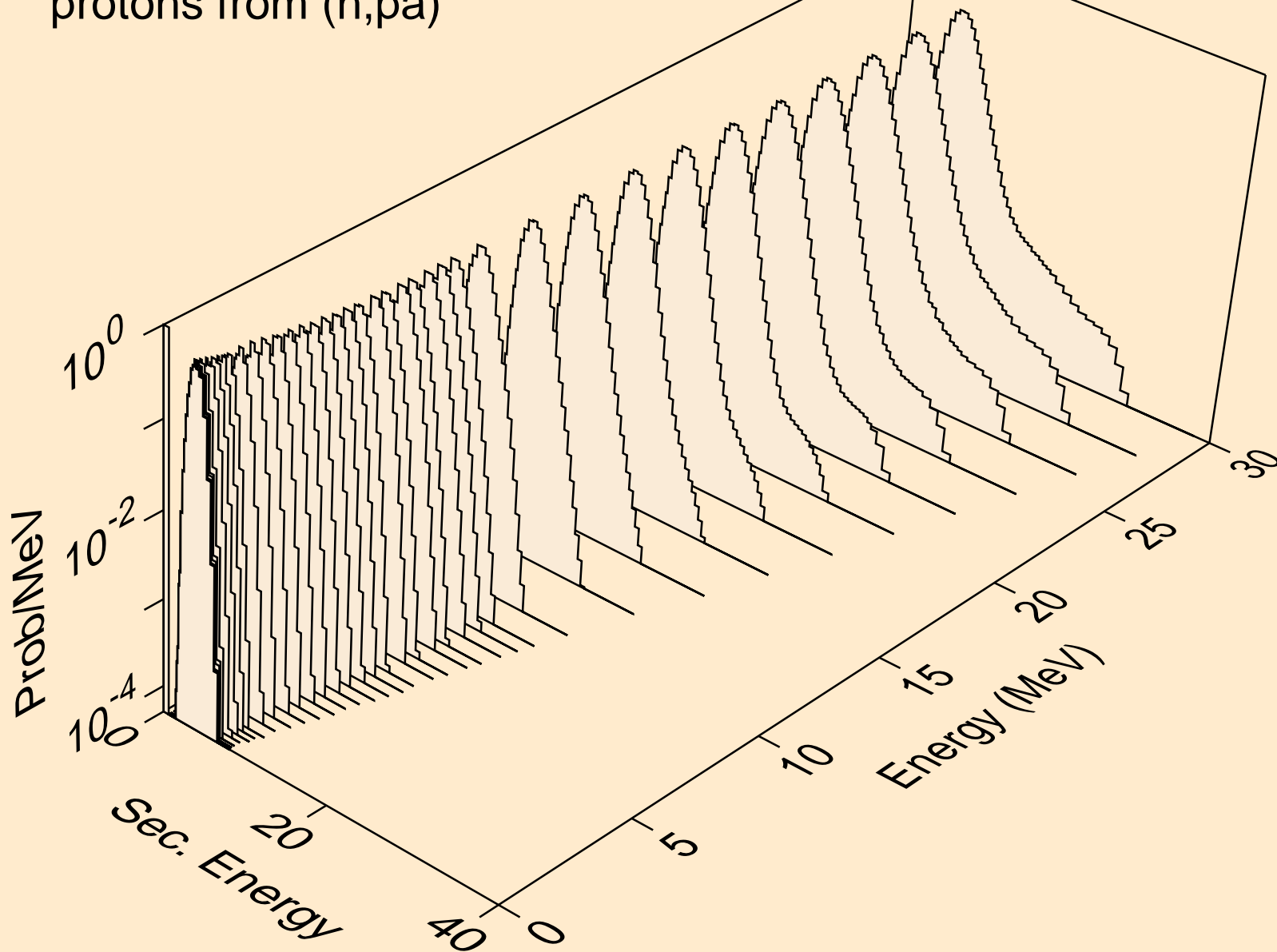




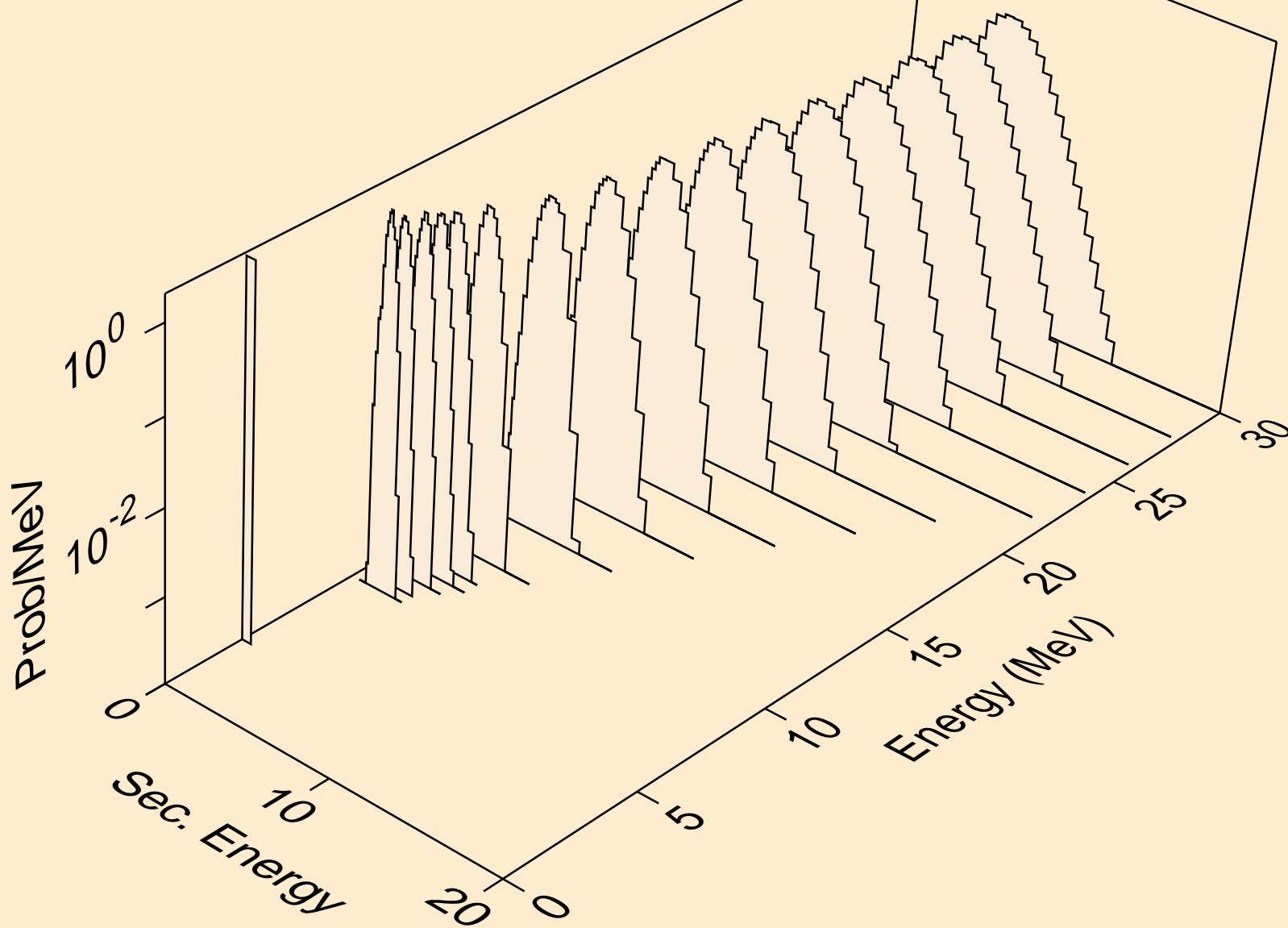
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



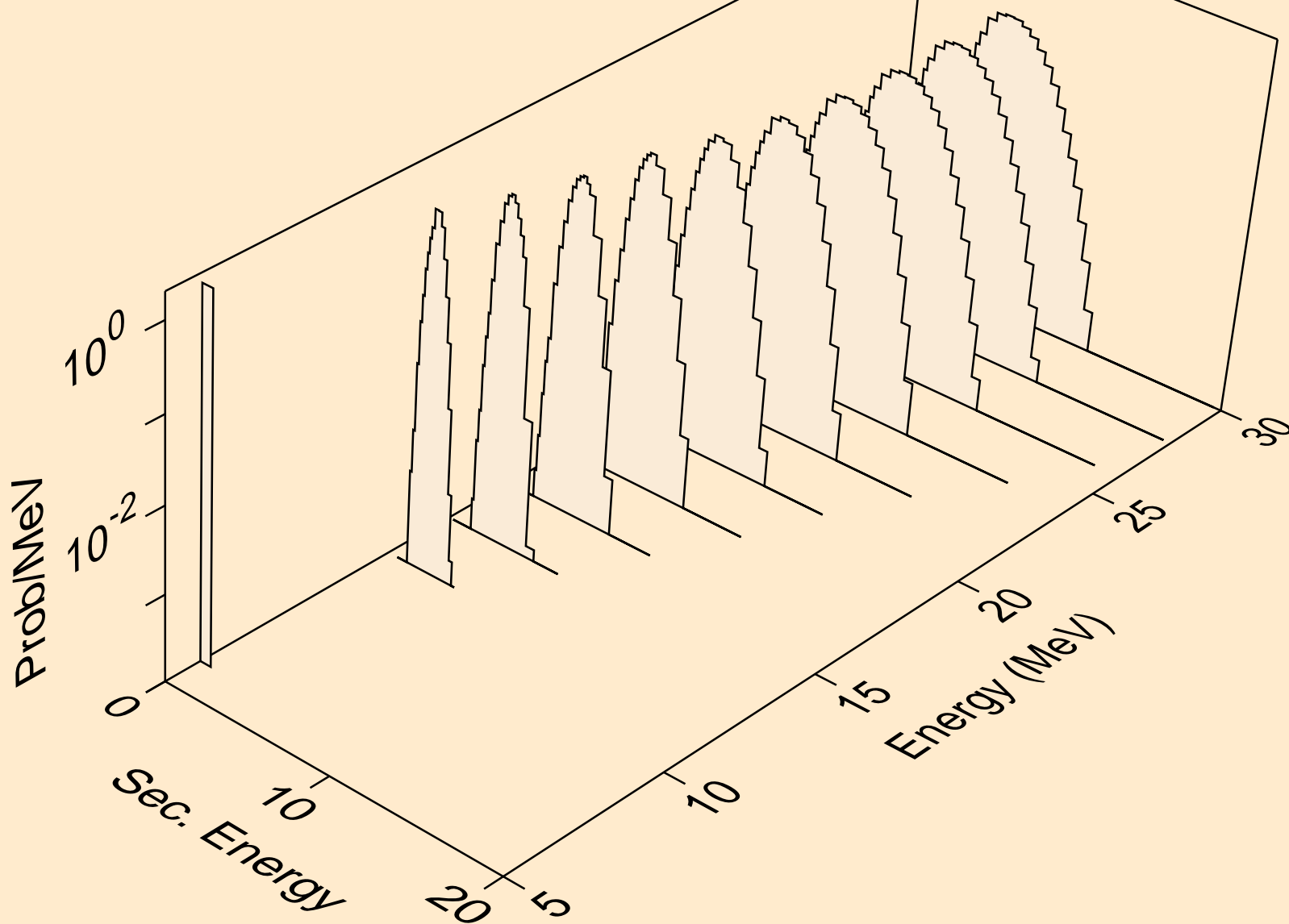
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



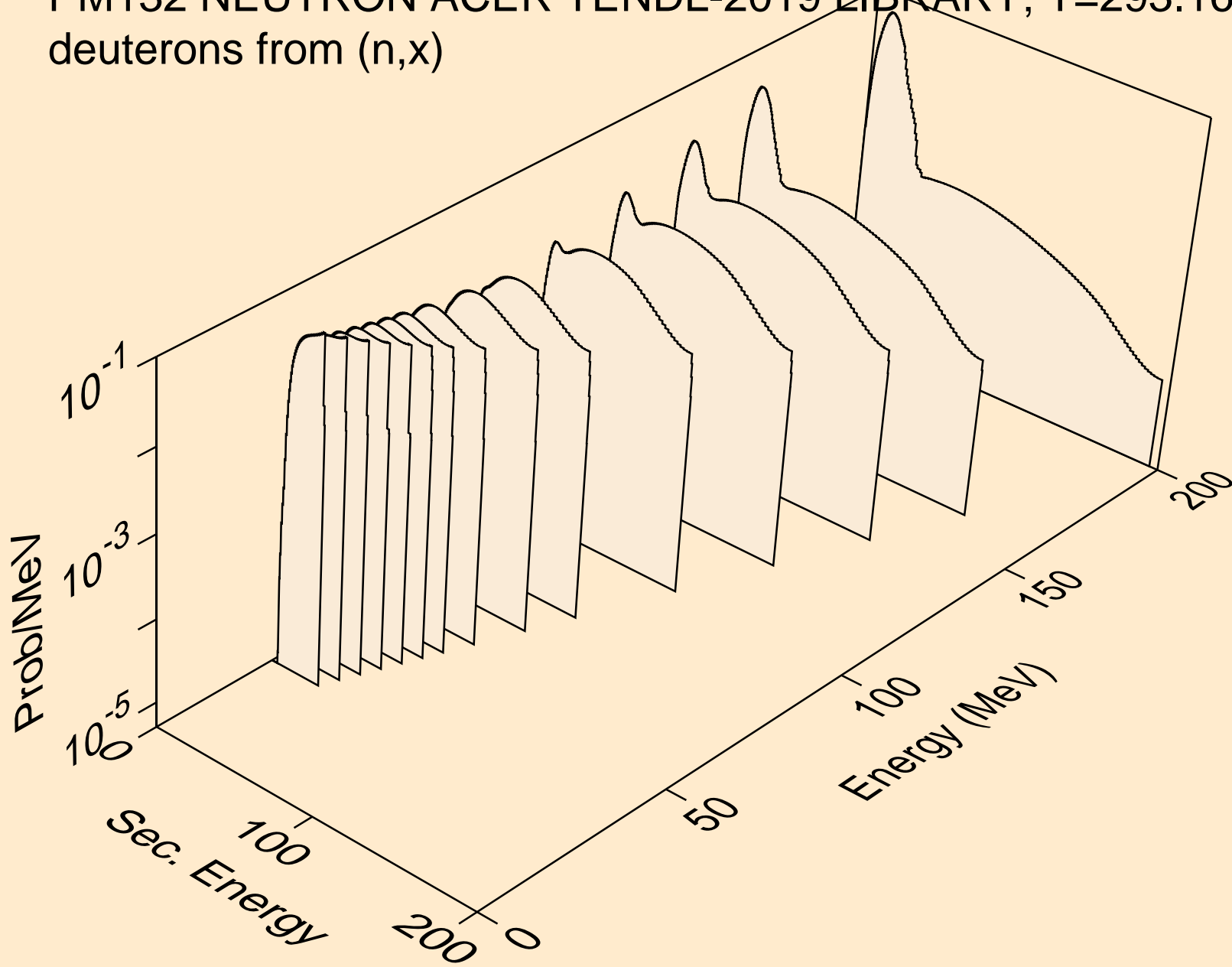
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



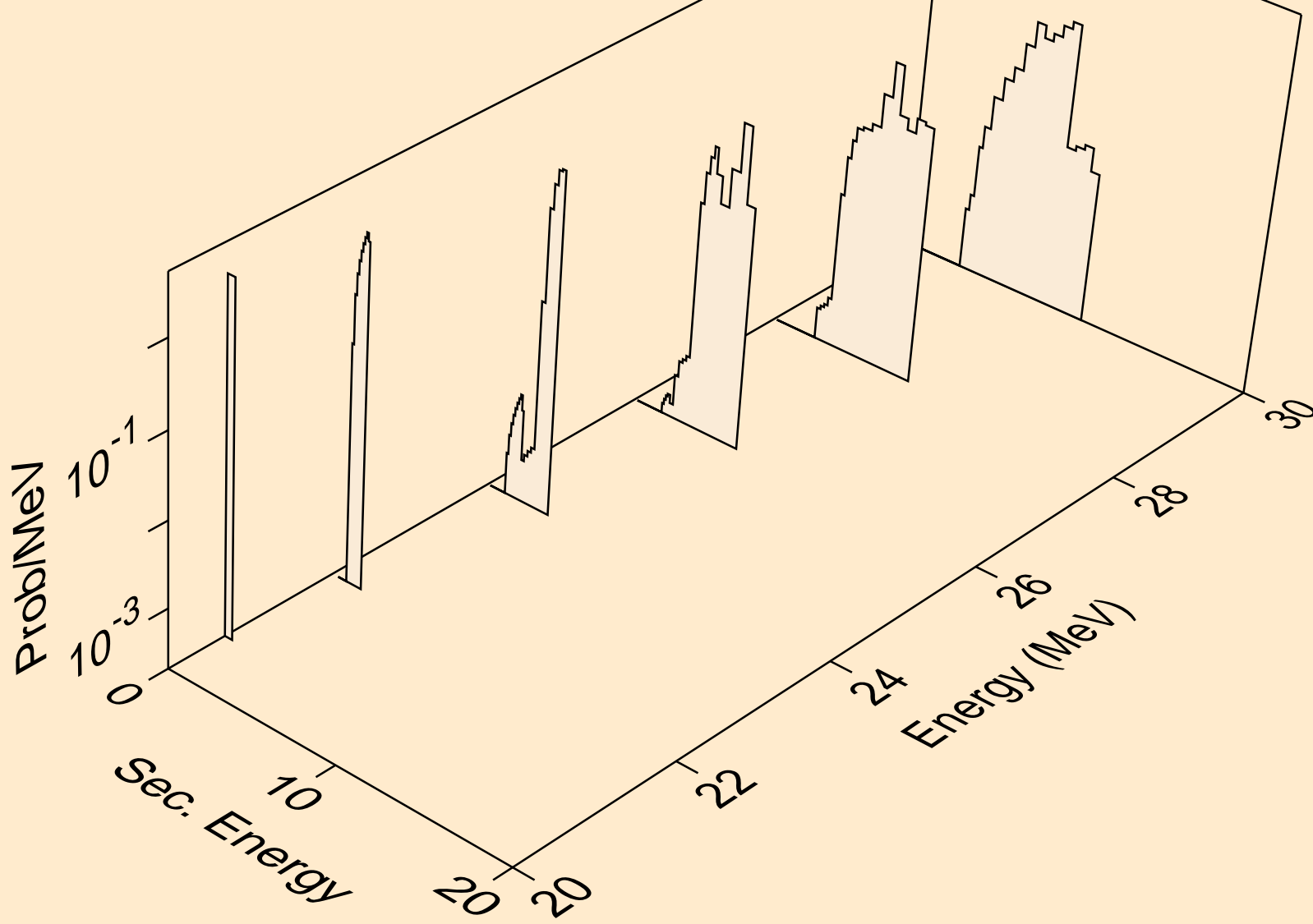
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



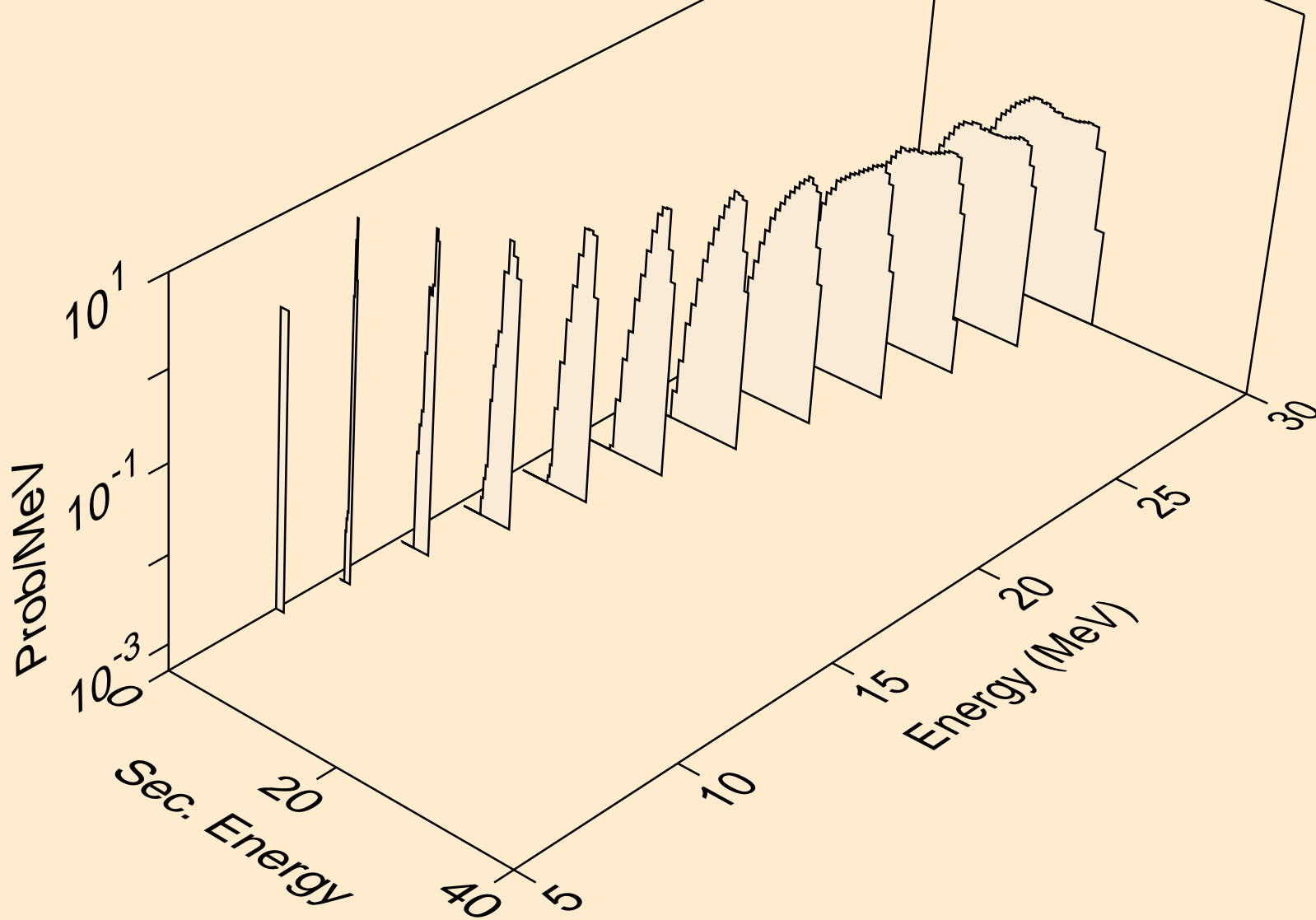
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



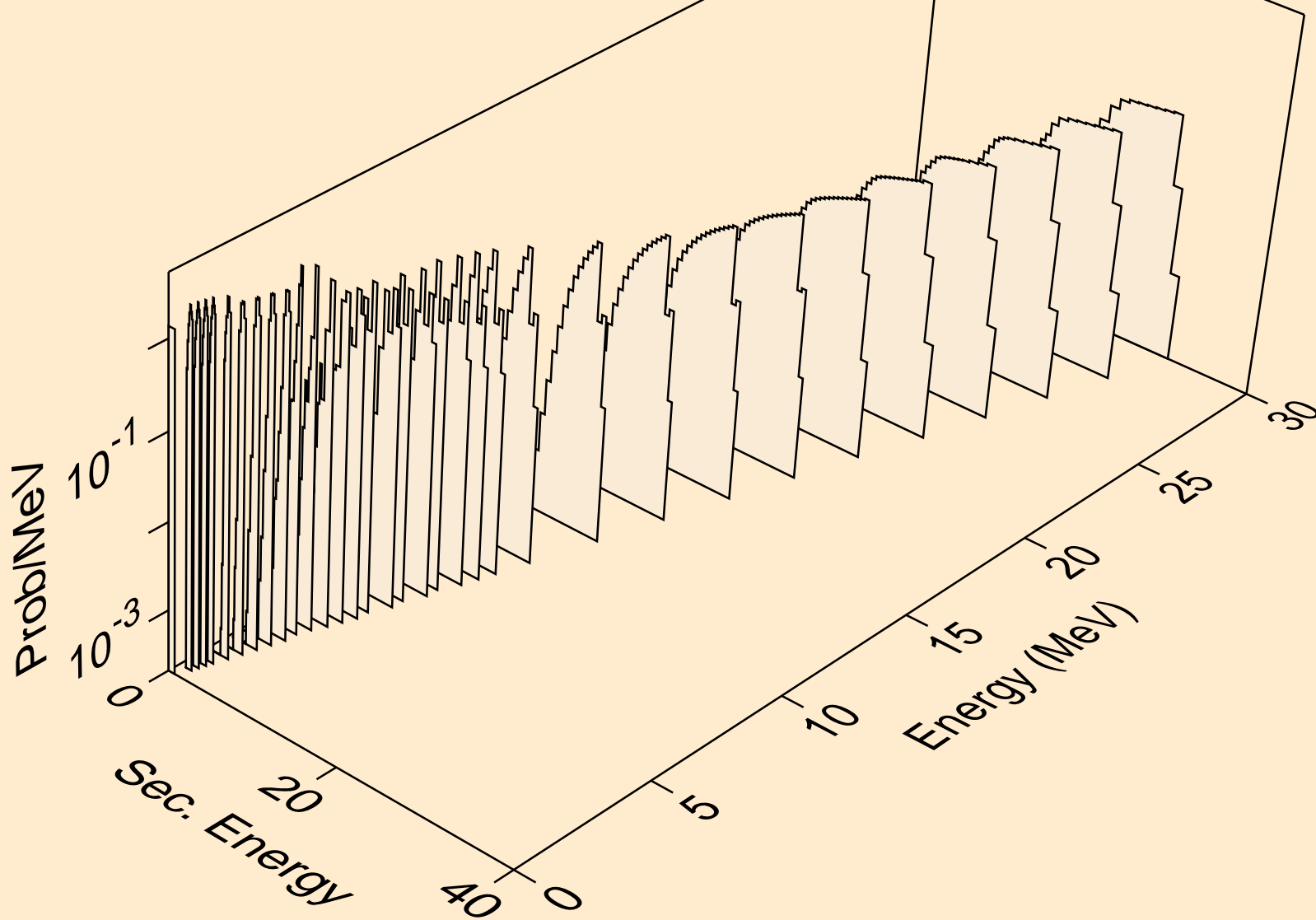
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d

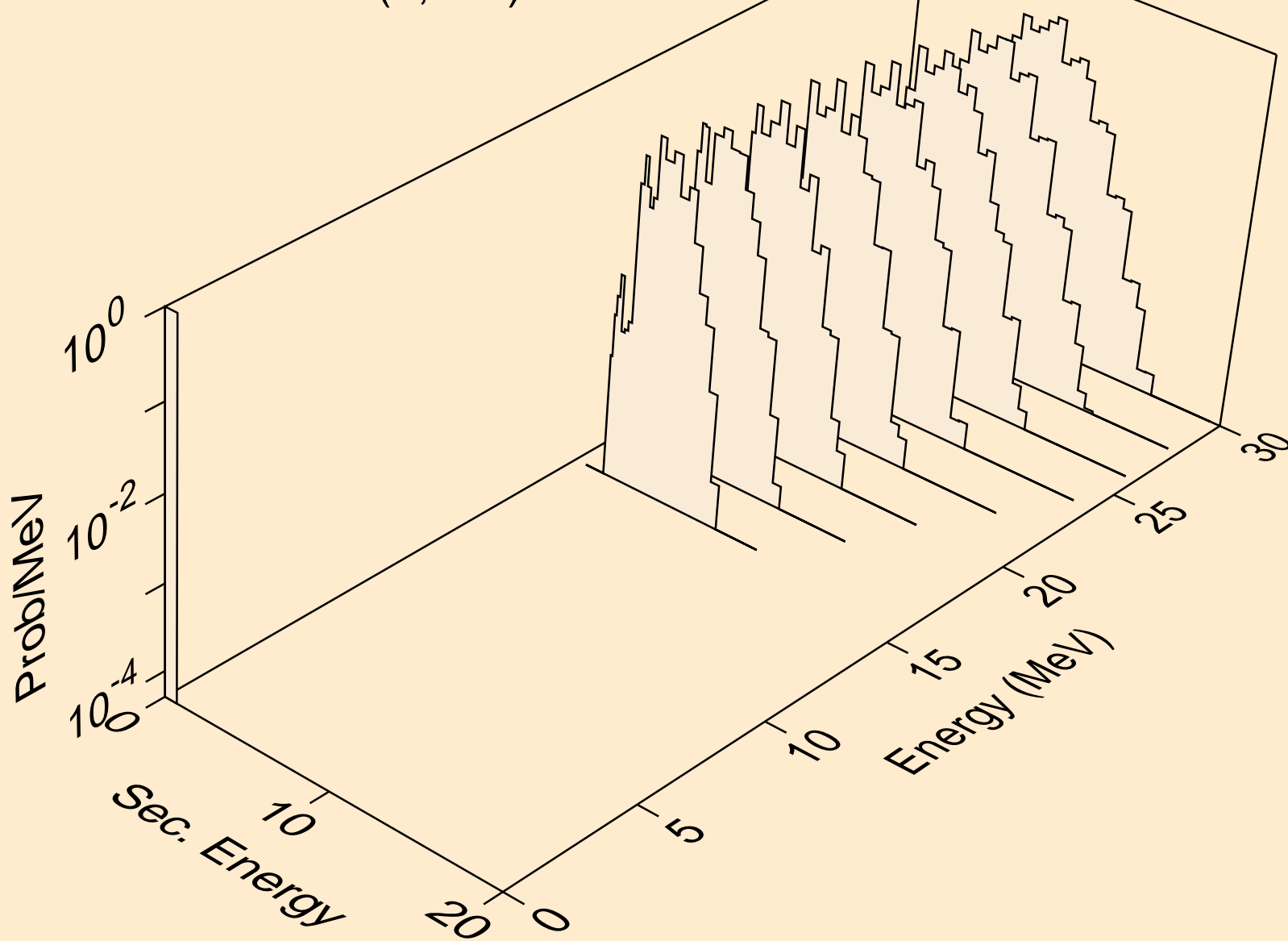


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)

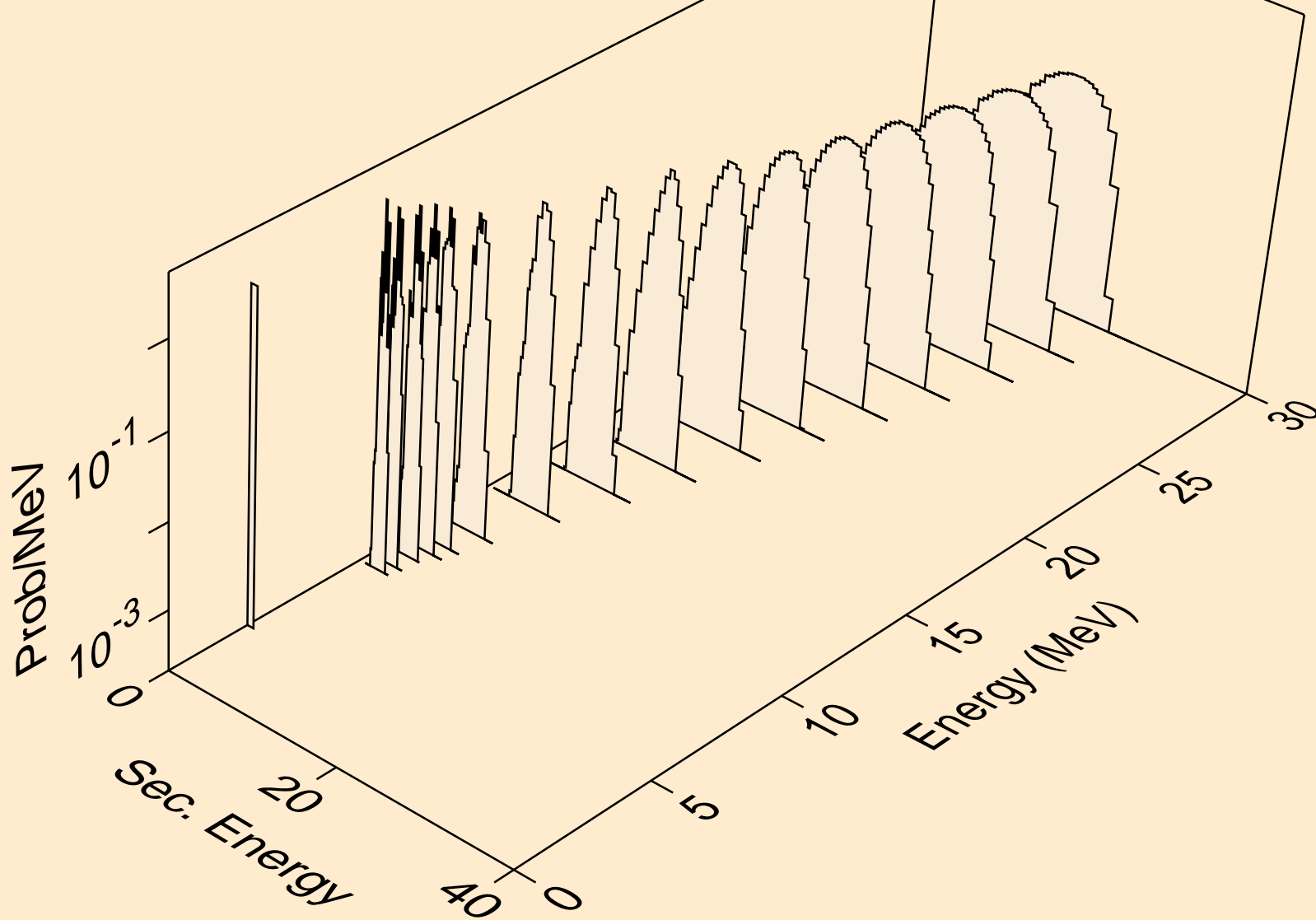




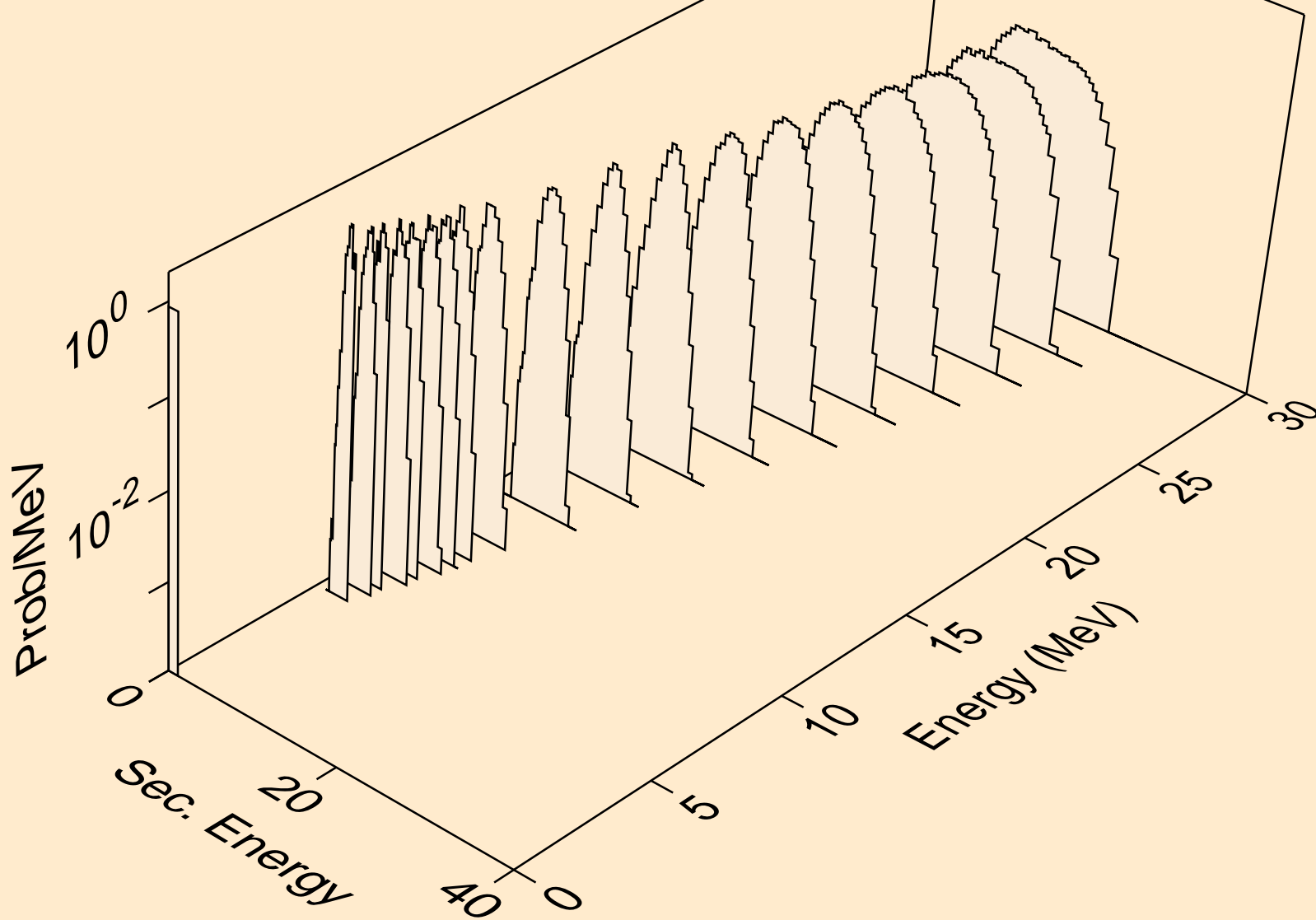
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d2a)



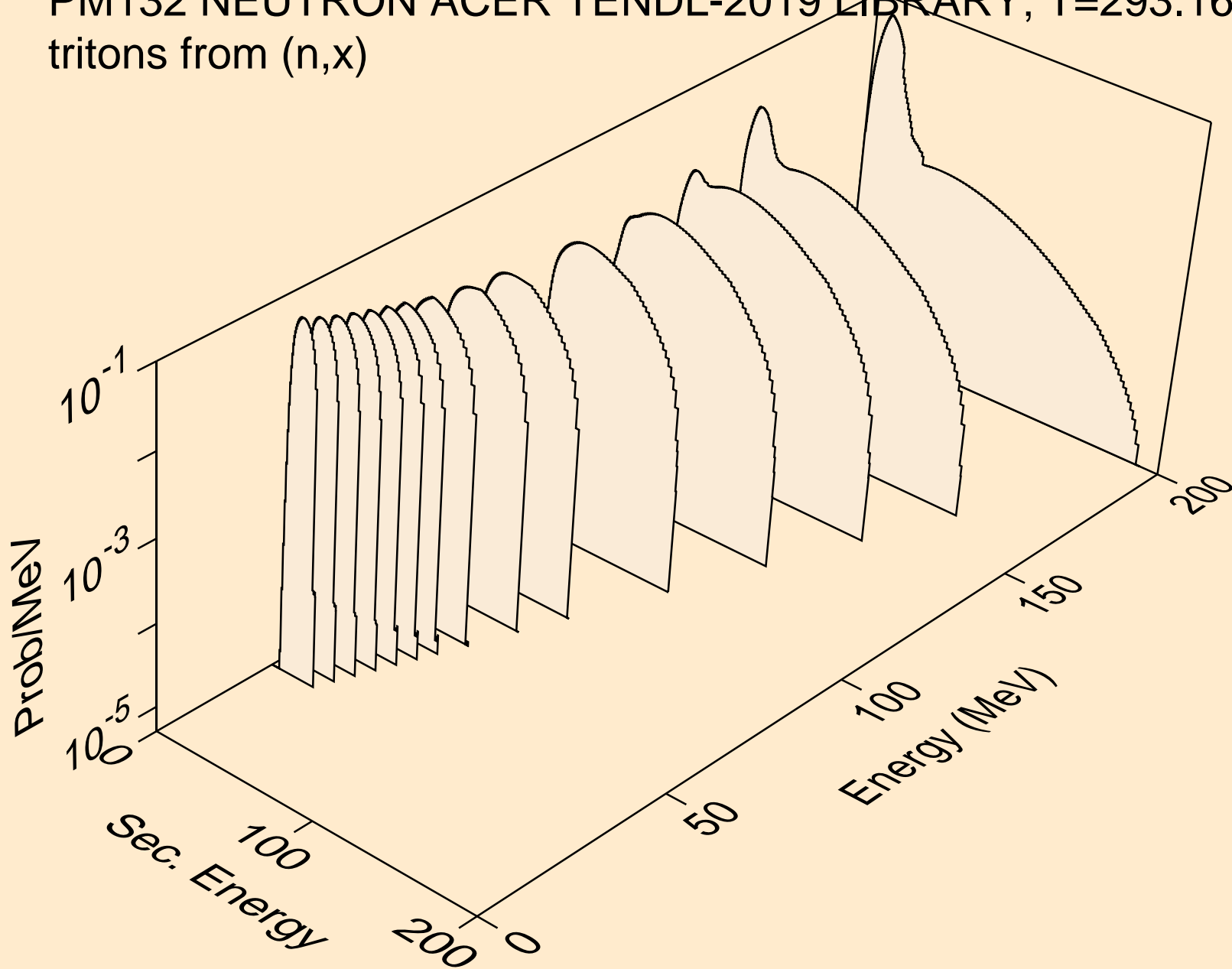
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



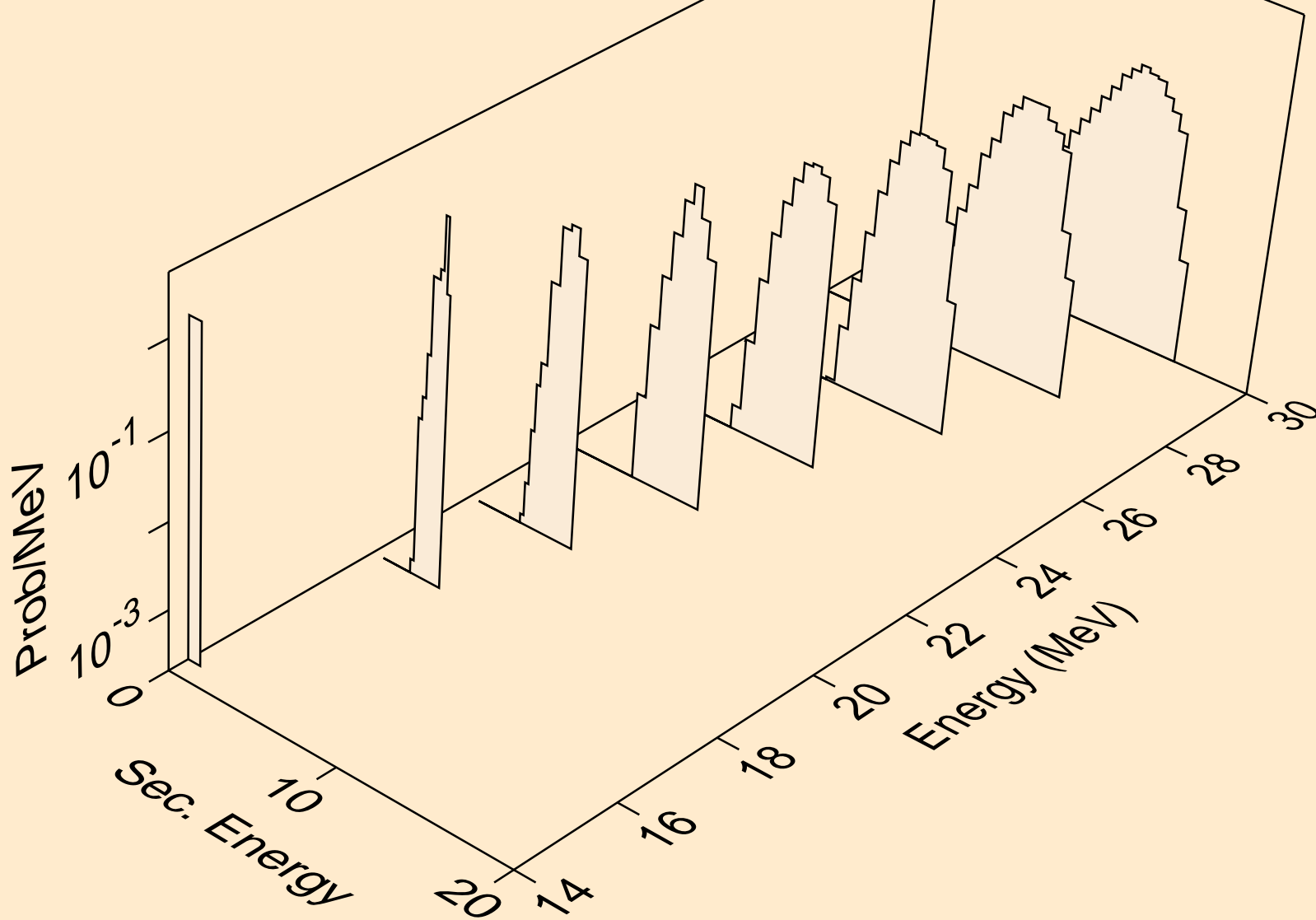
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



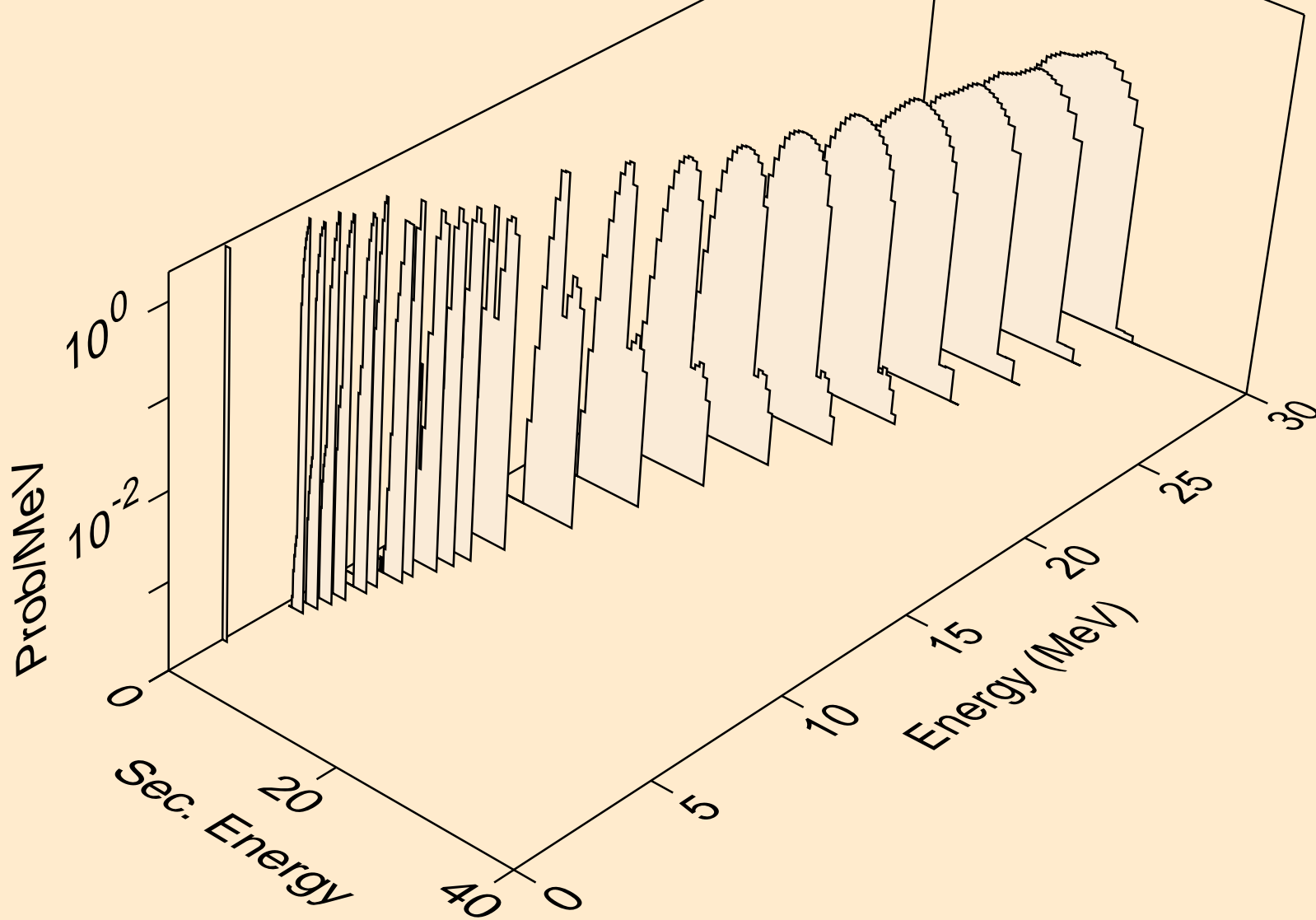
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



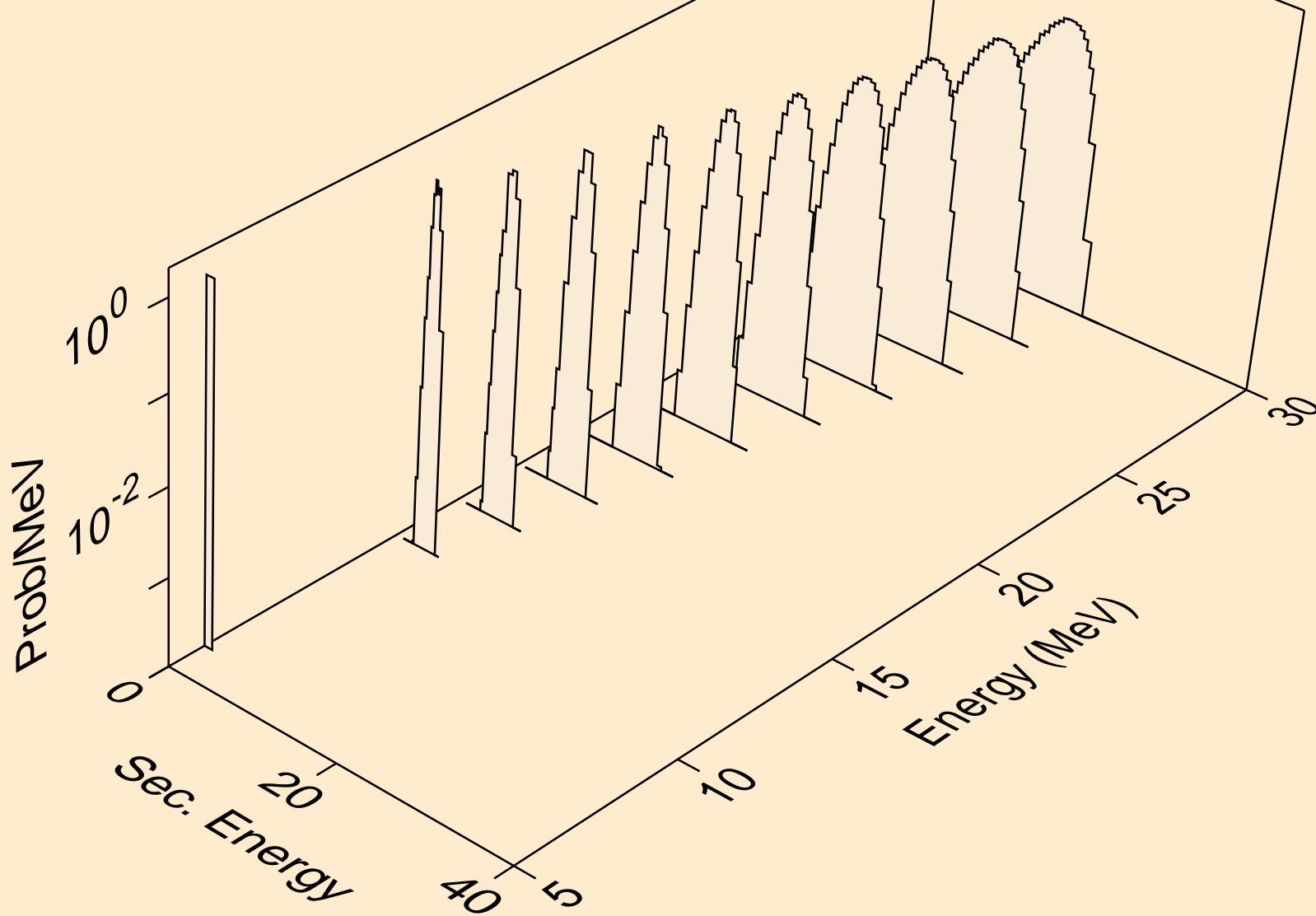
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



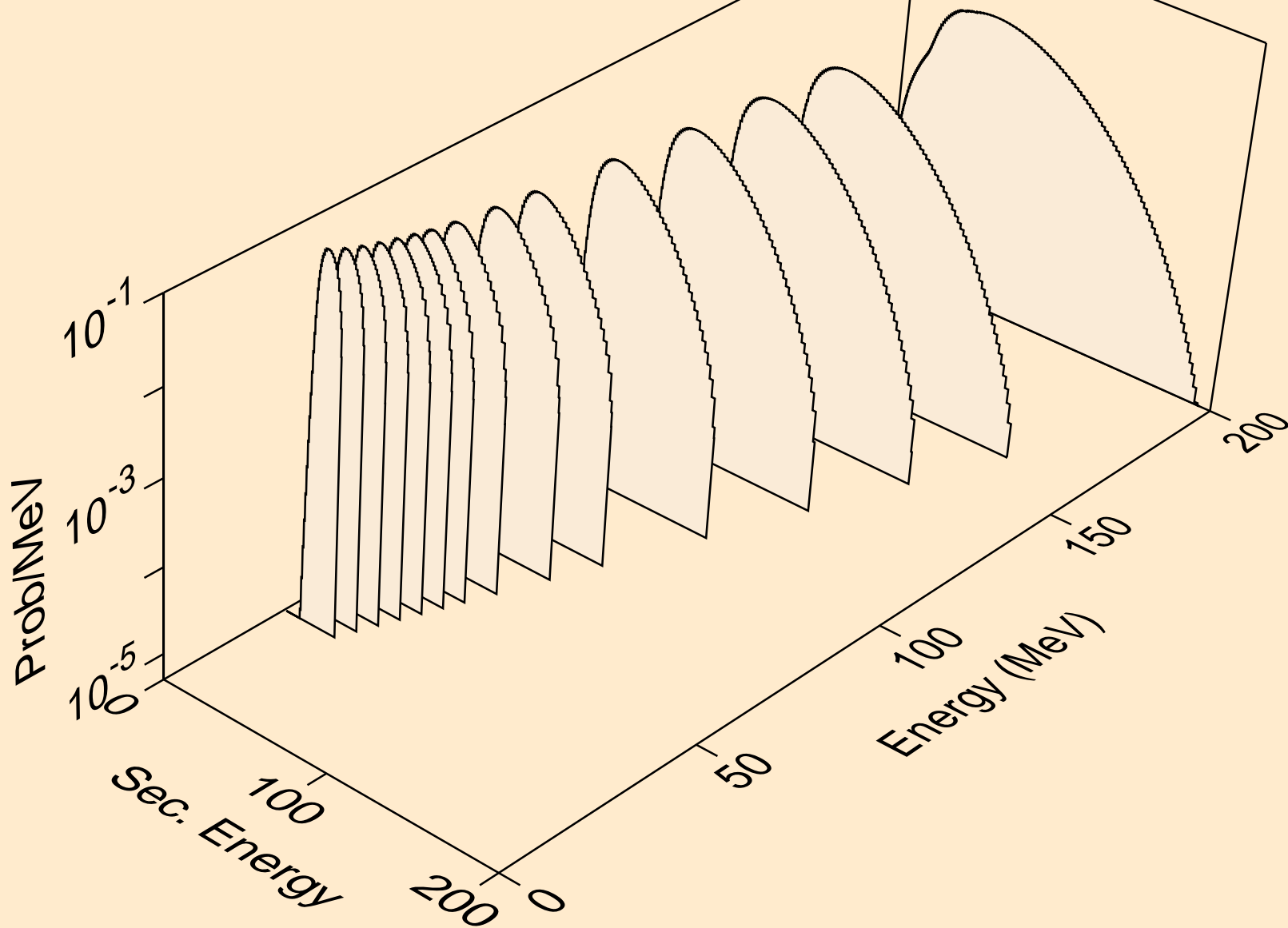
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)

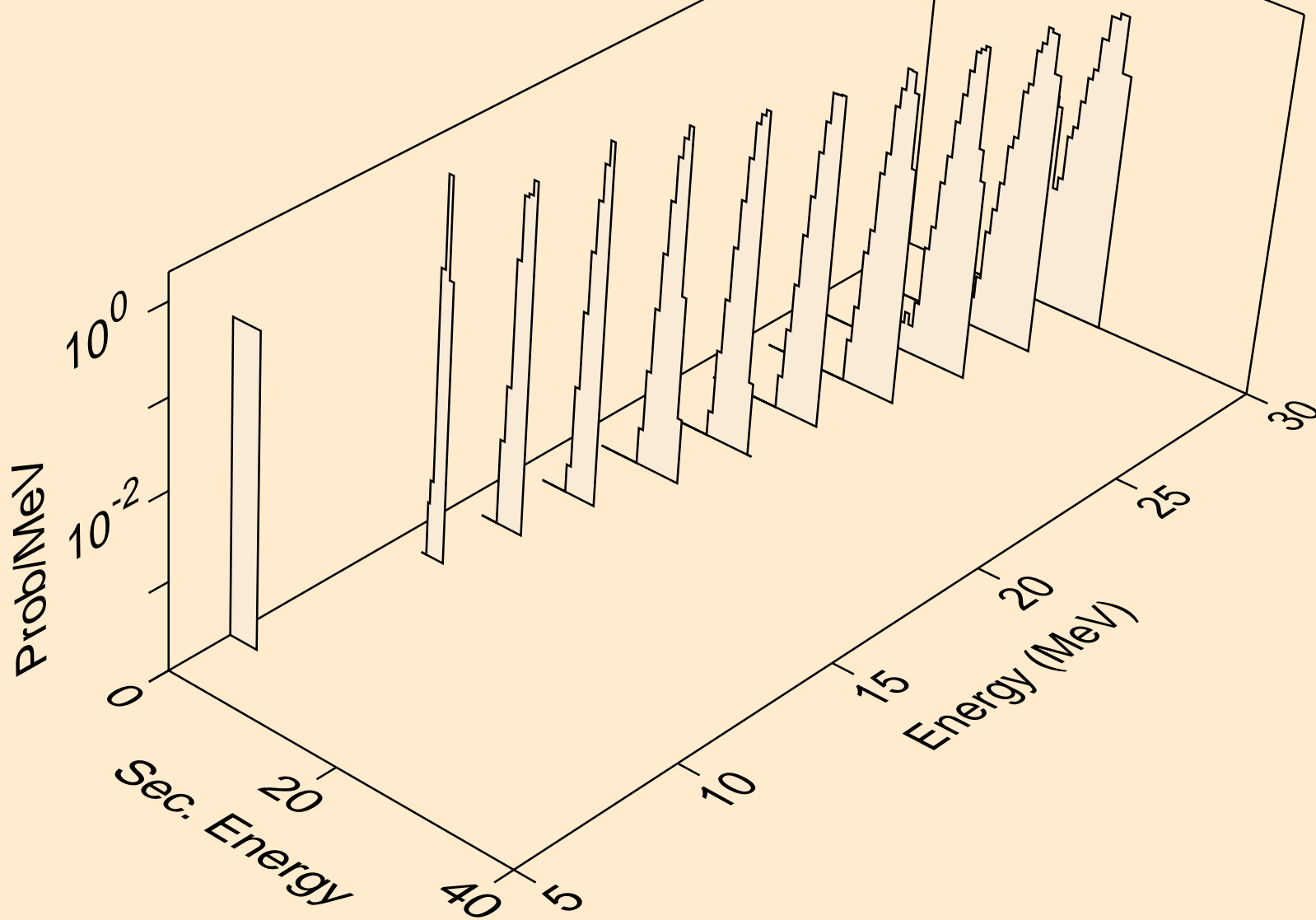


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

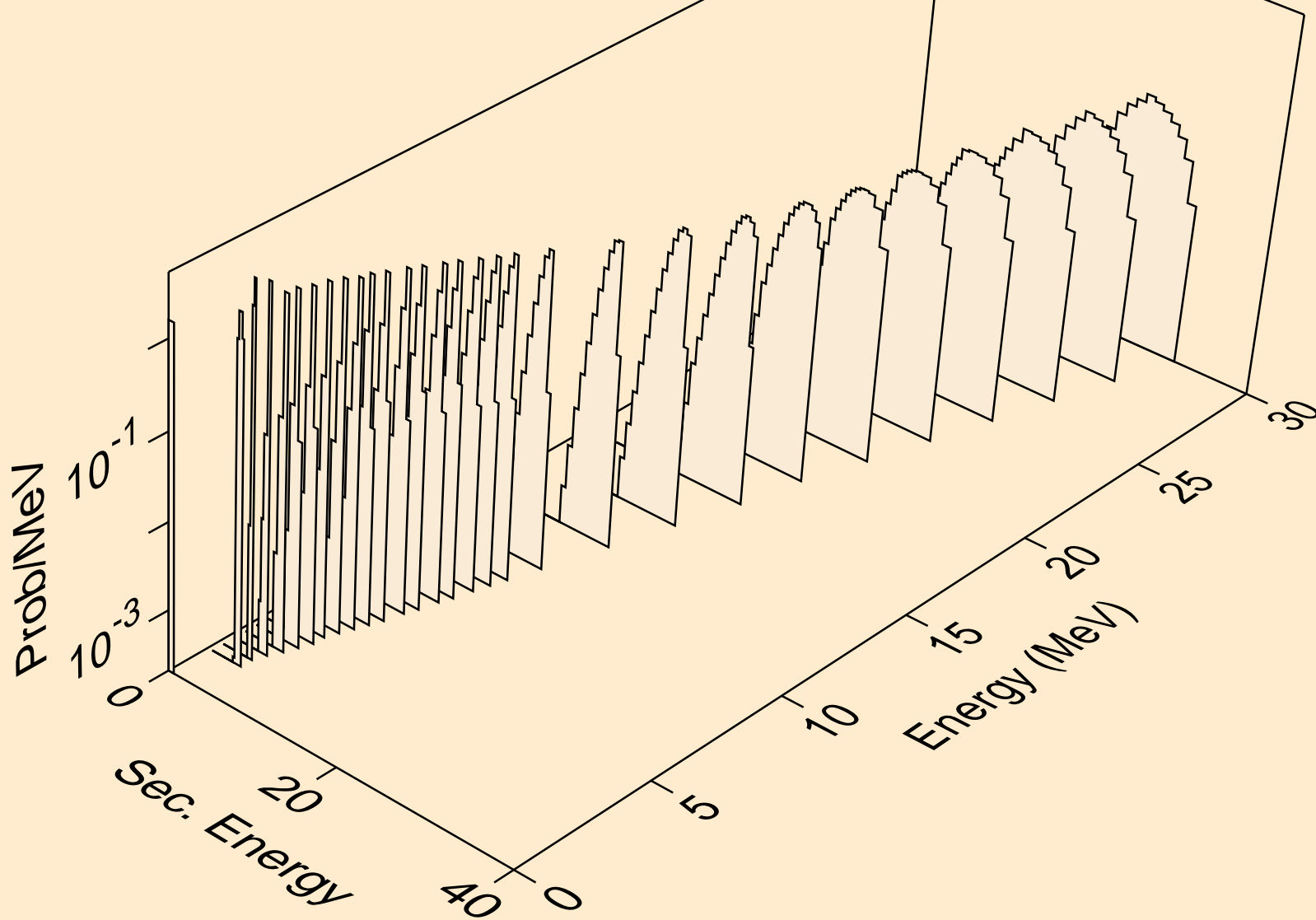




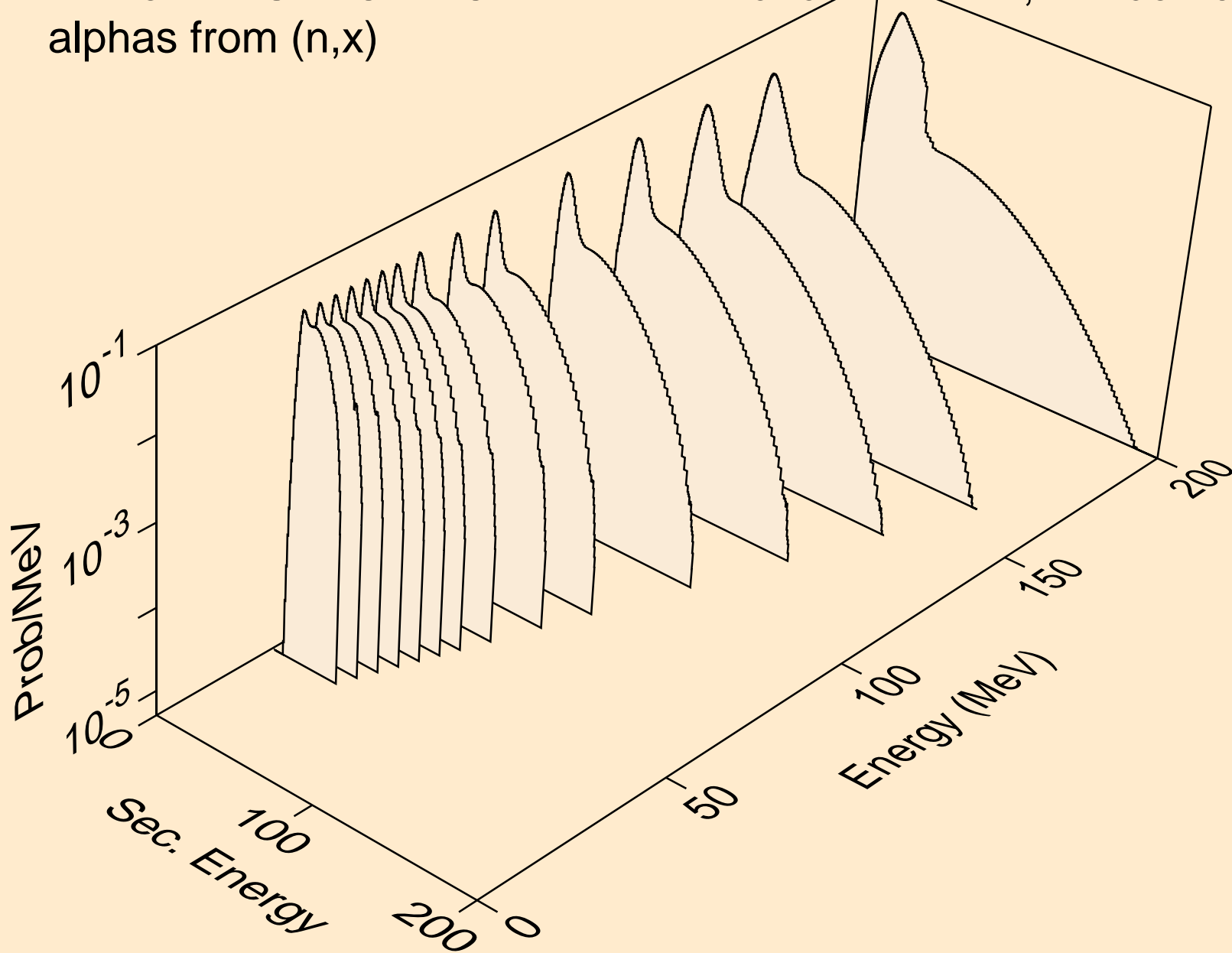
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



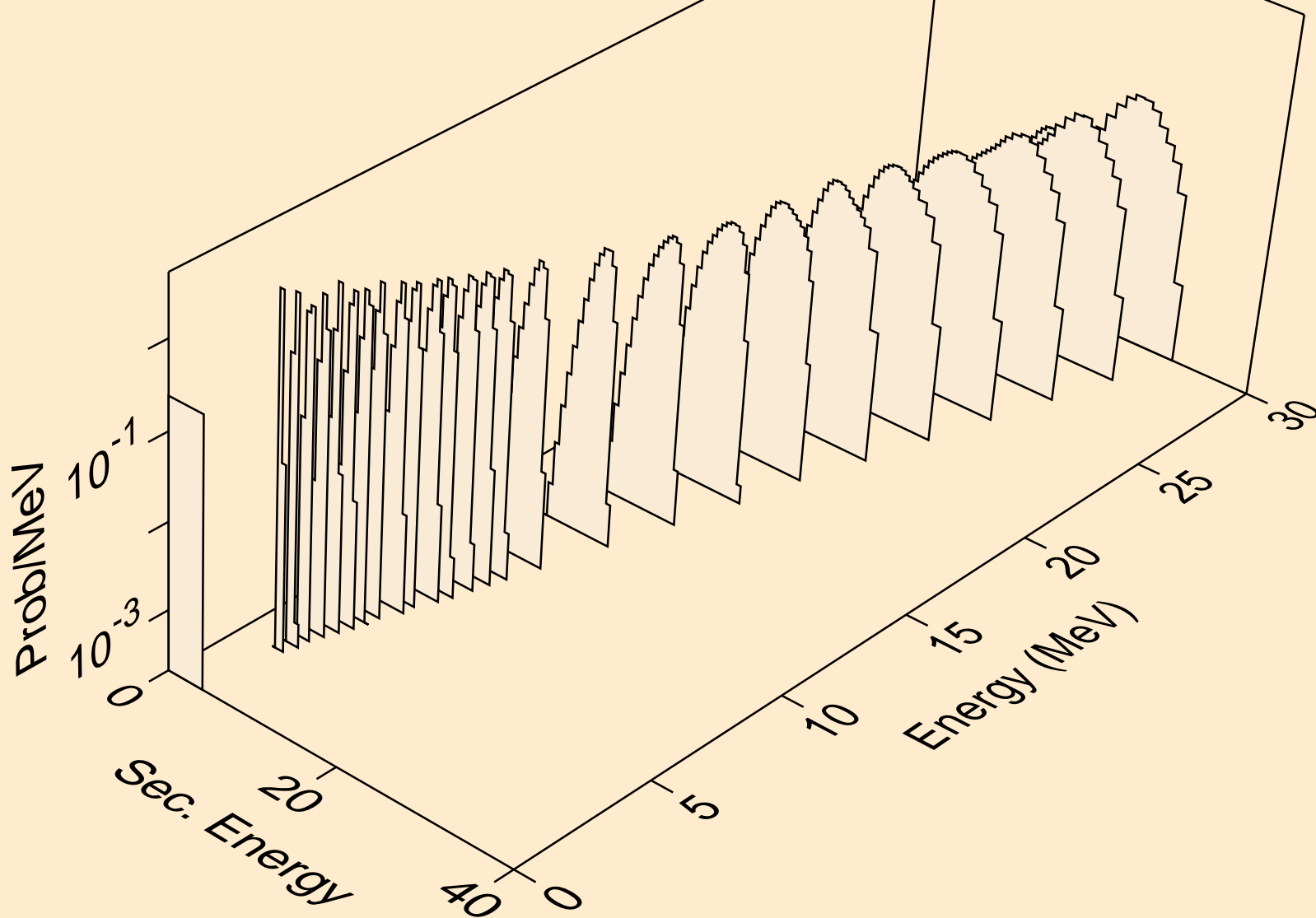
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



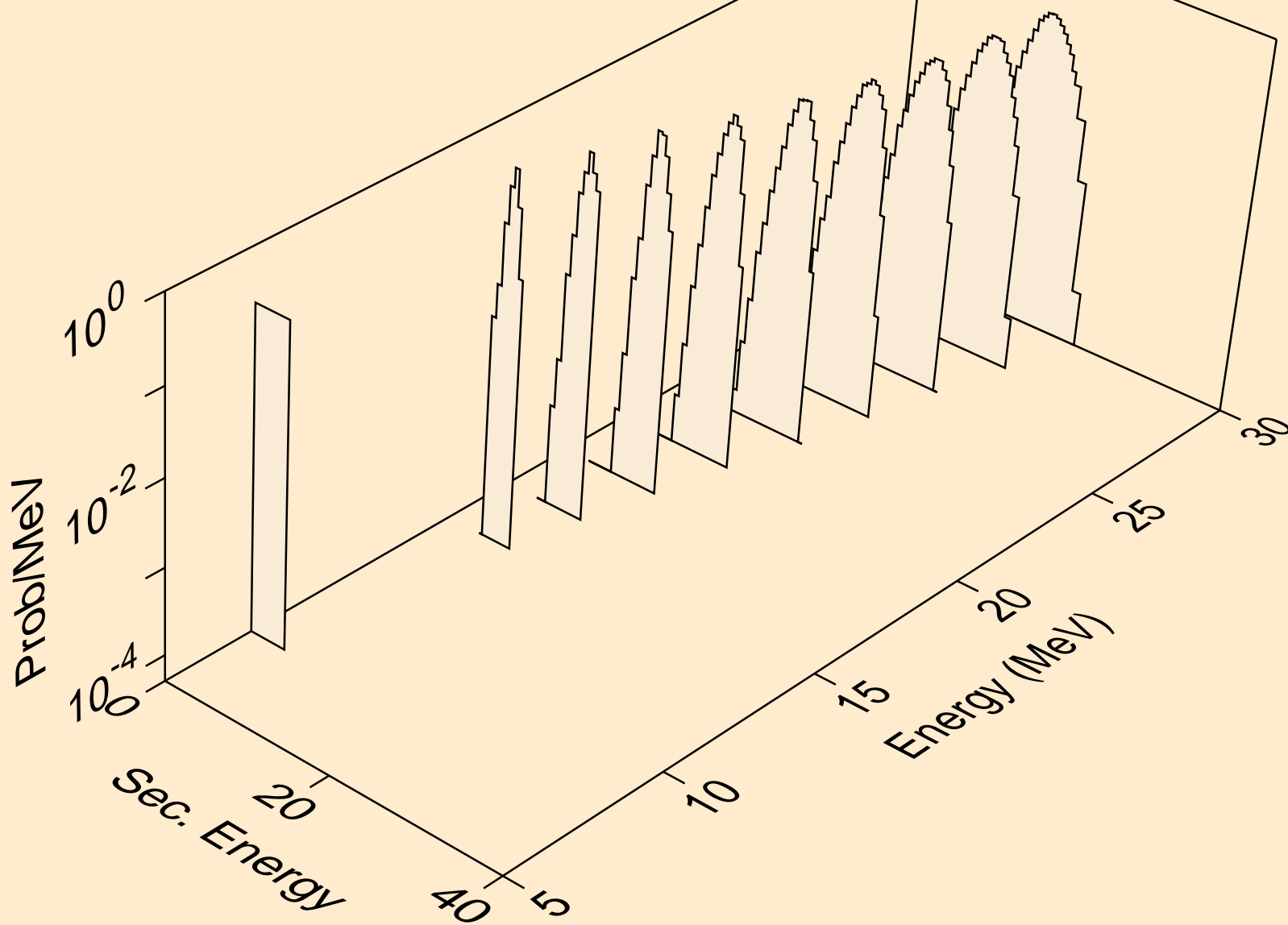
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



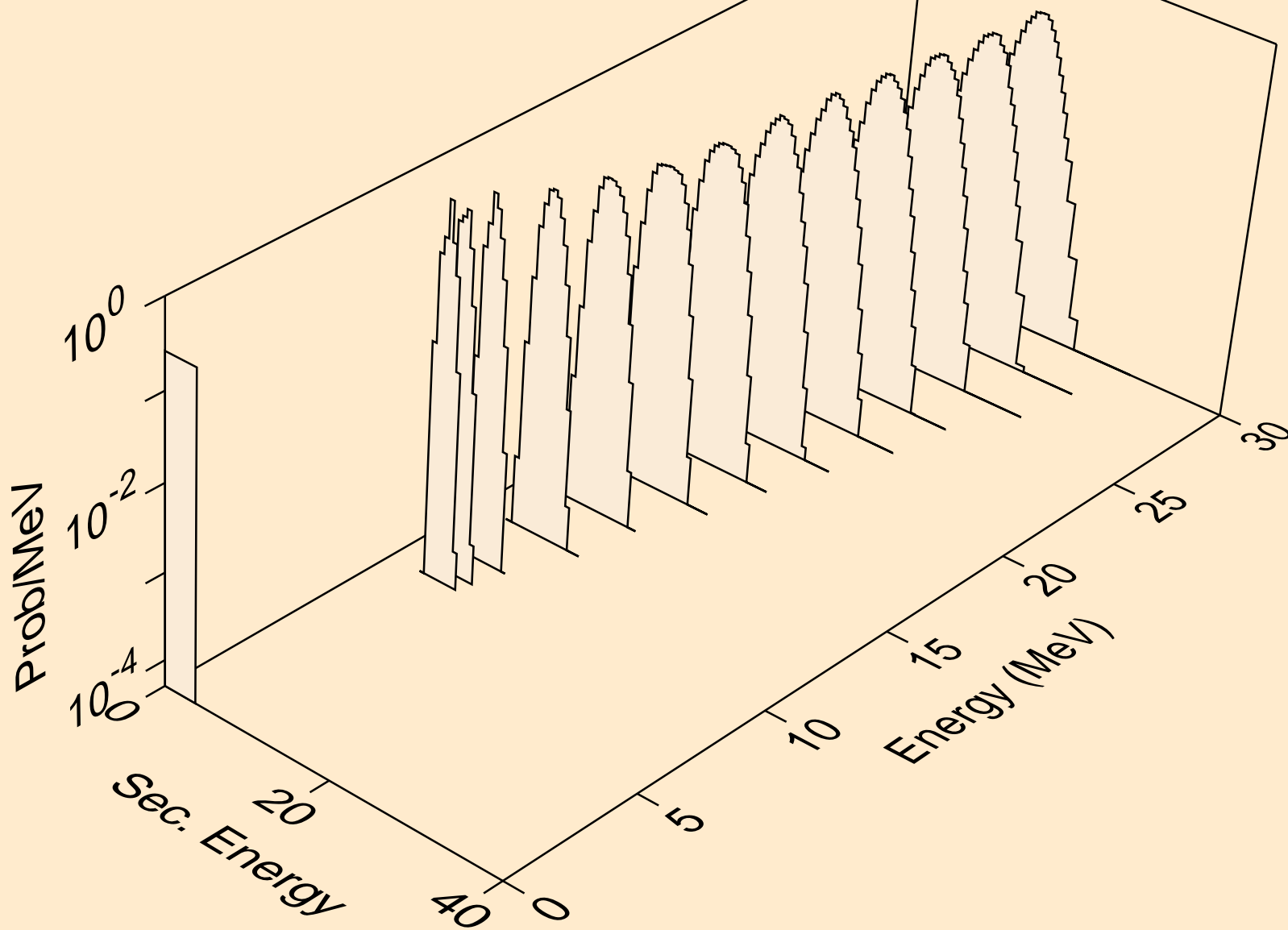
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



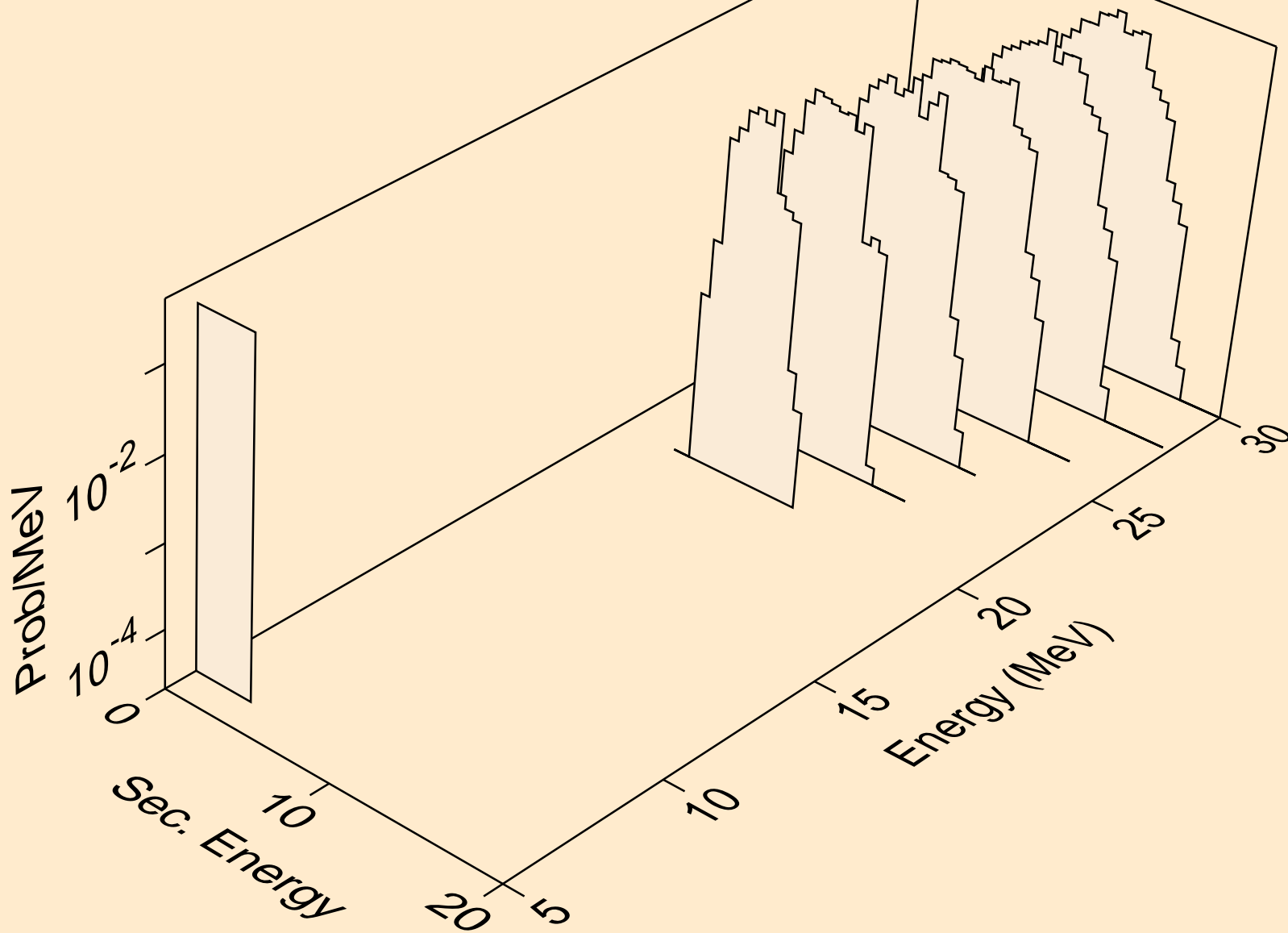
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



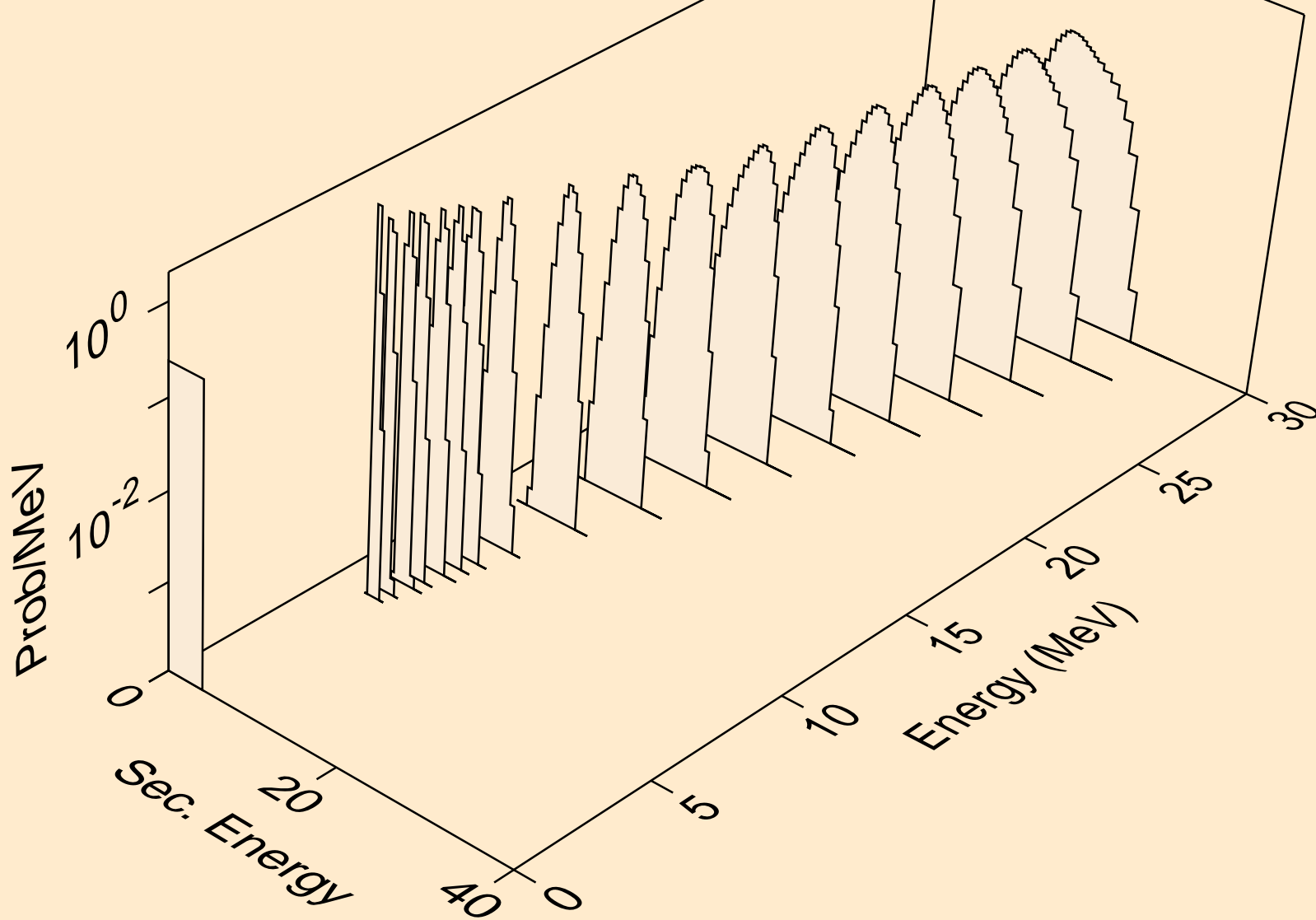
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a

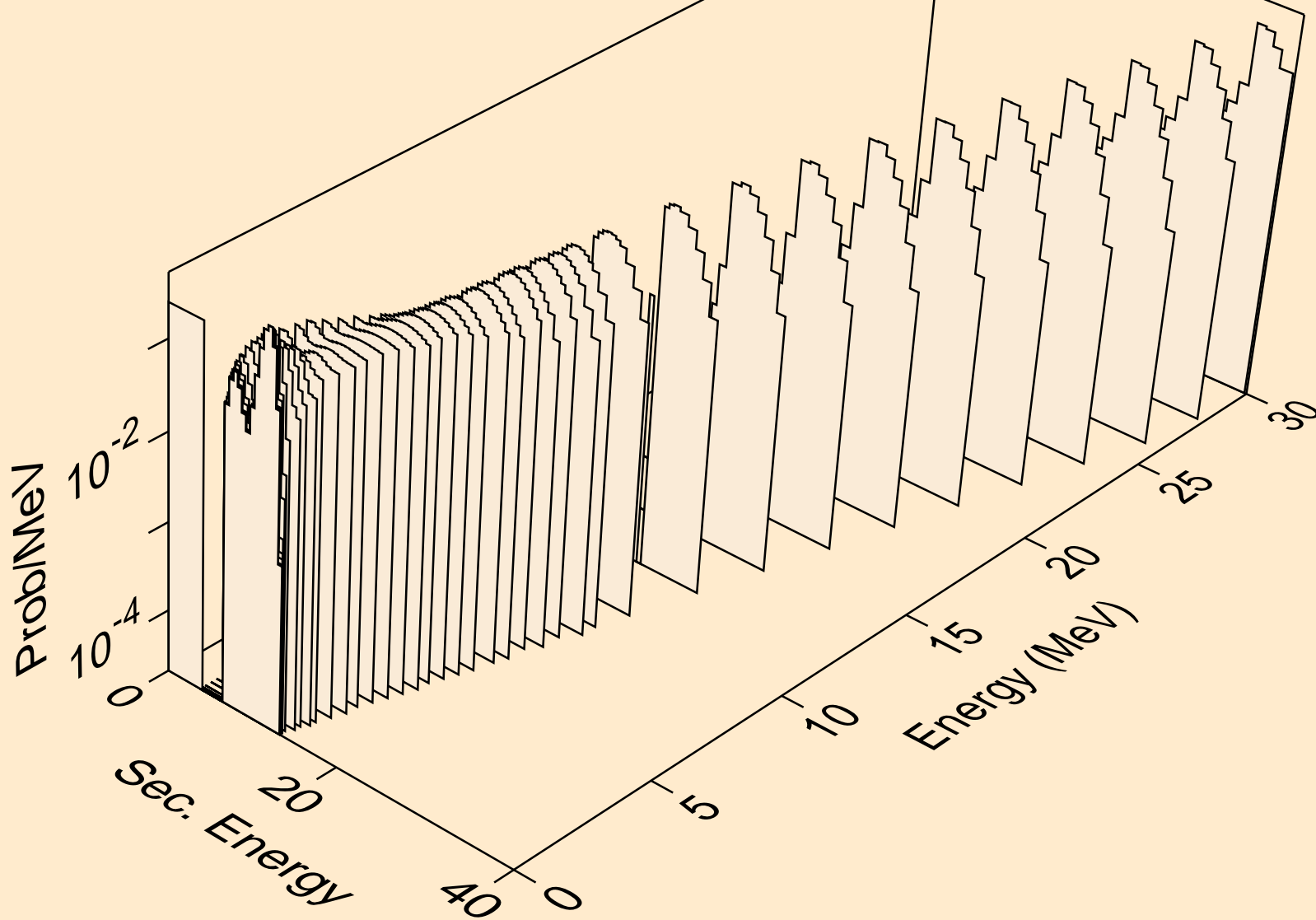


PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)

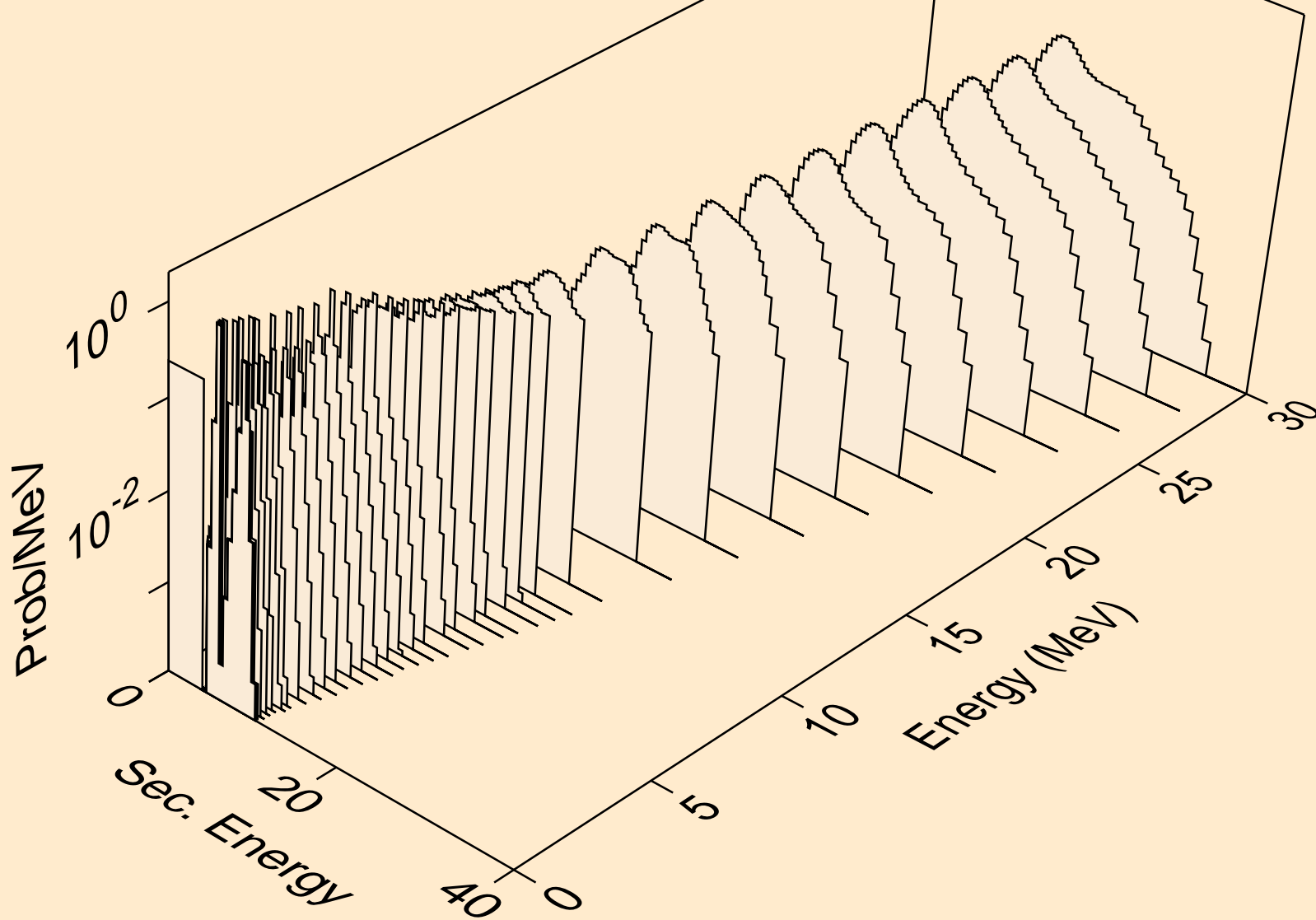




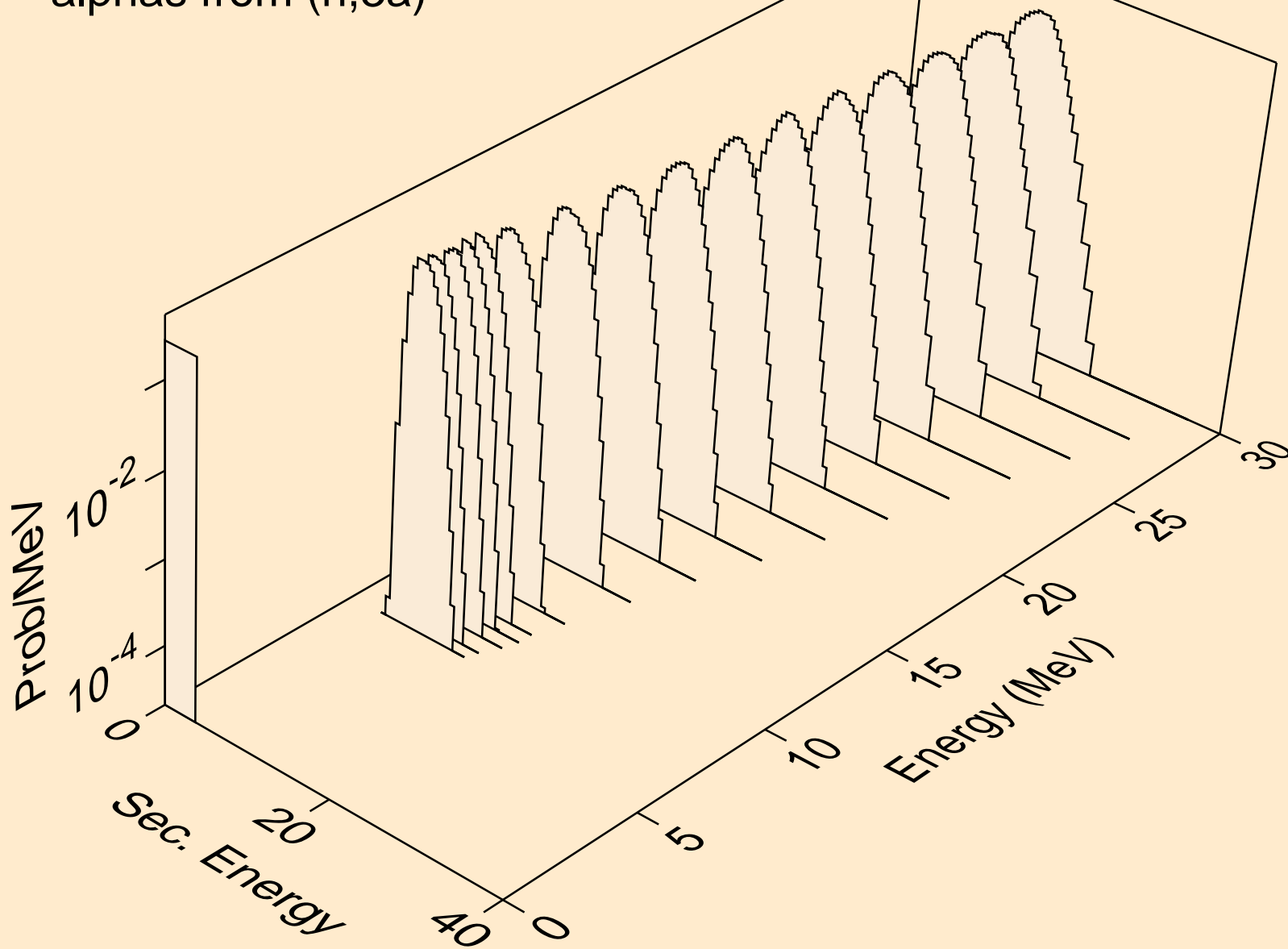
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



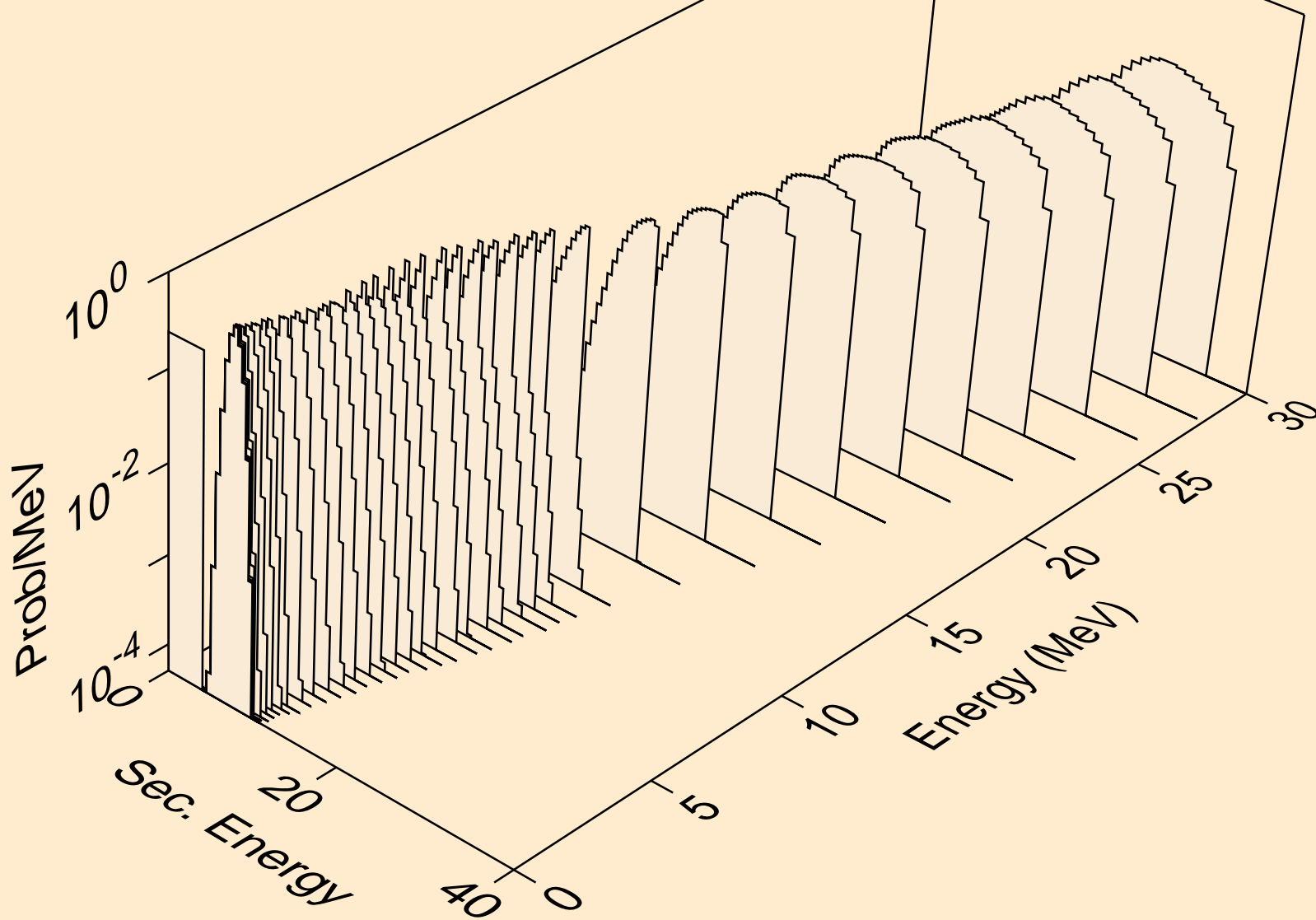
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



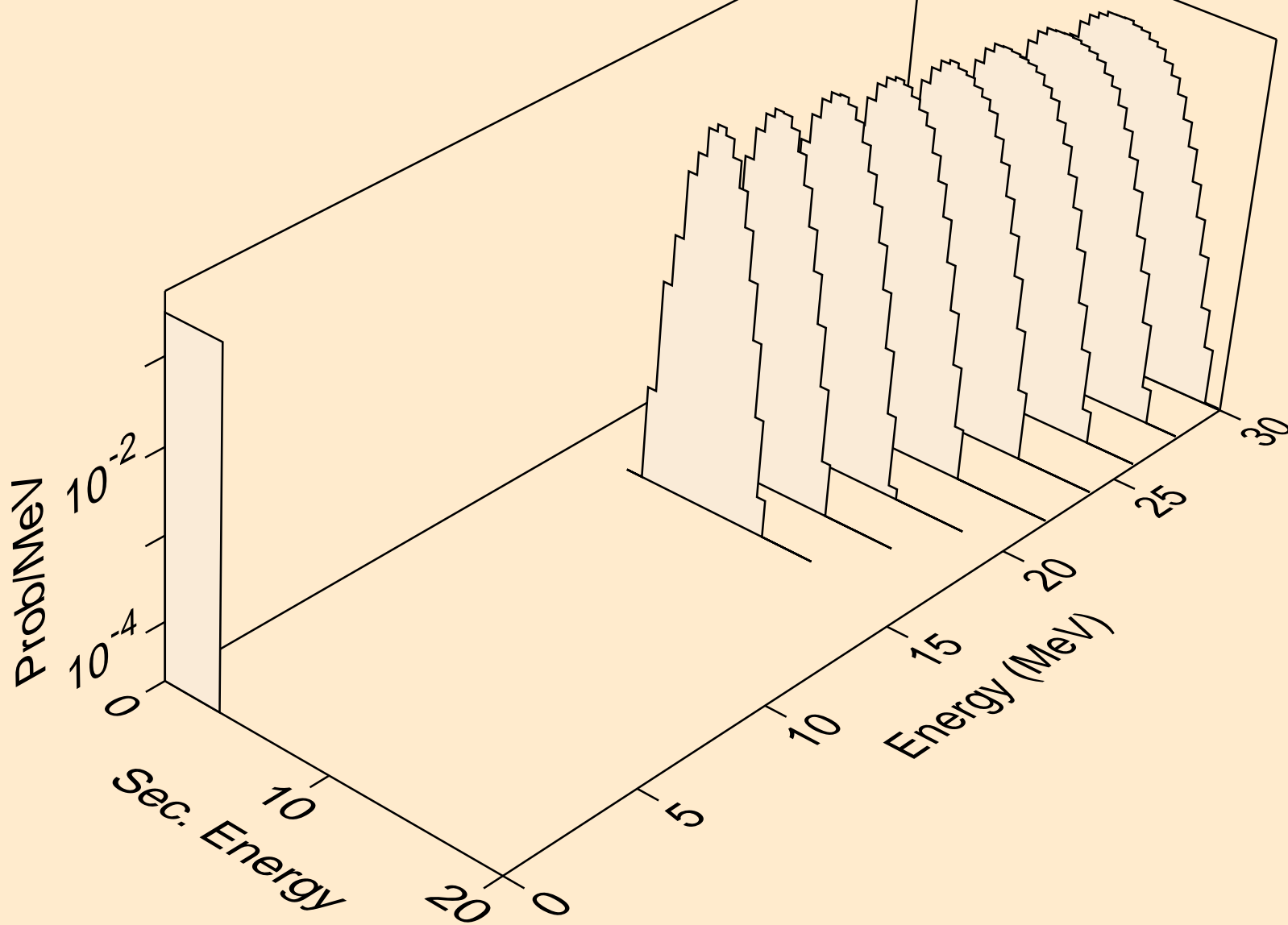
PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,d2a)



PM132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

