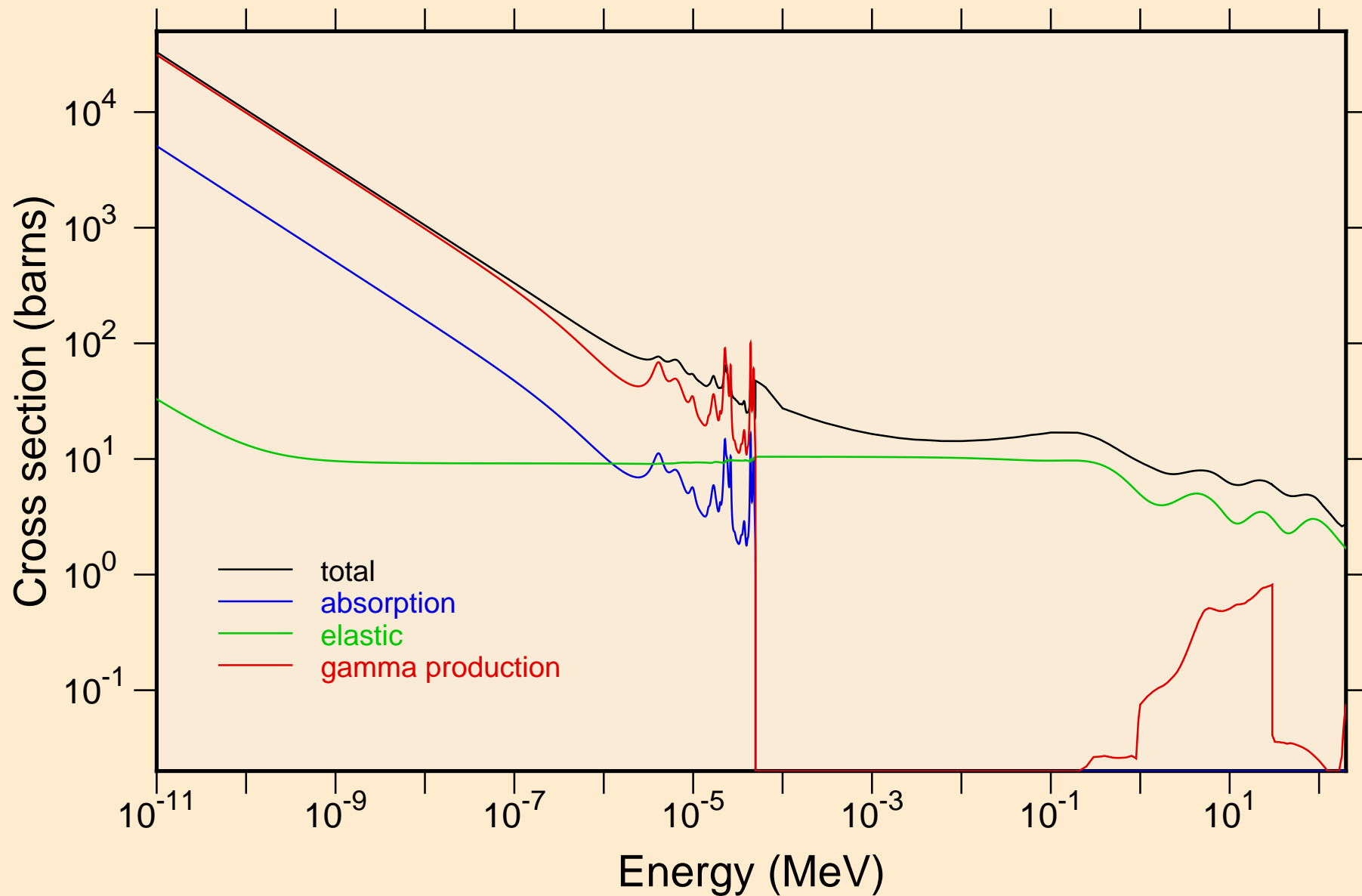
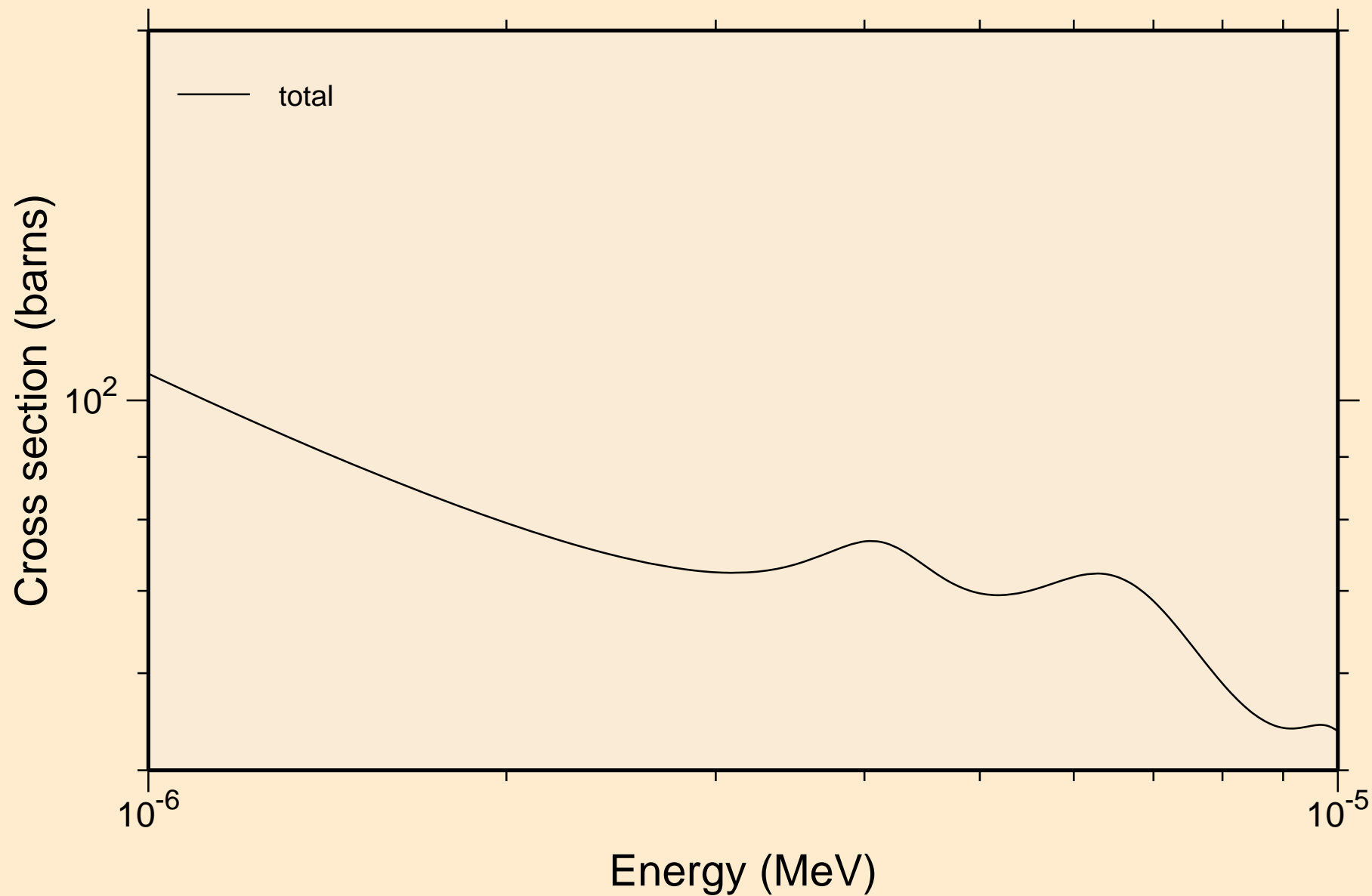


# SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

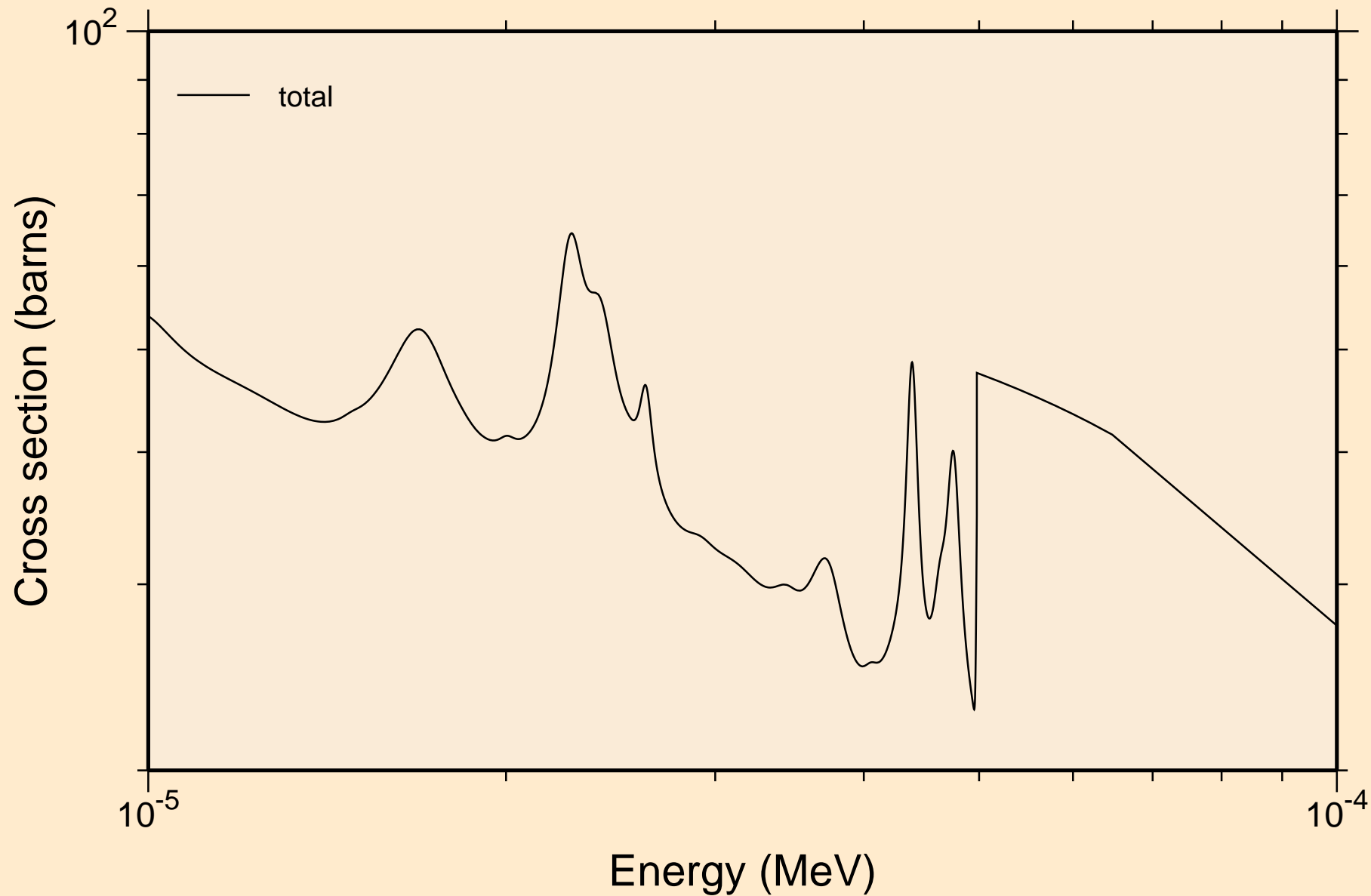
## Principal cross sections



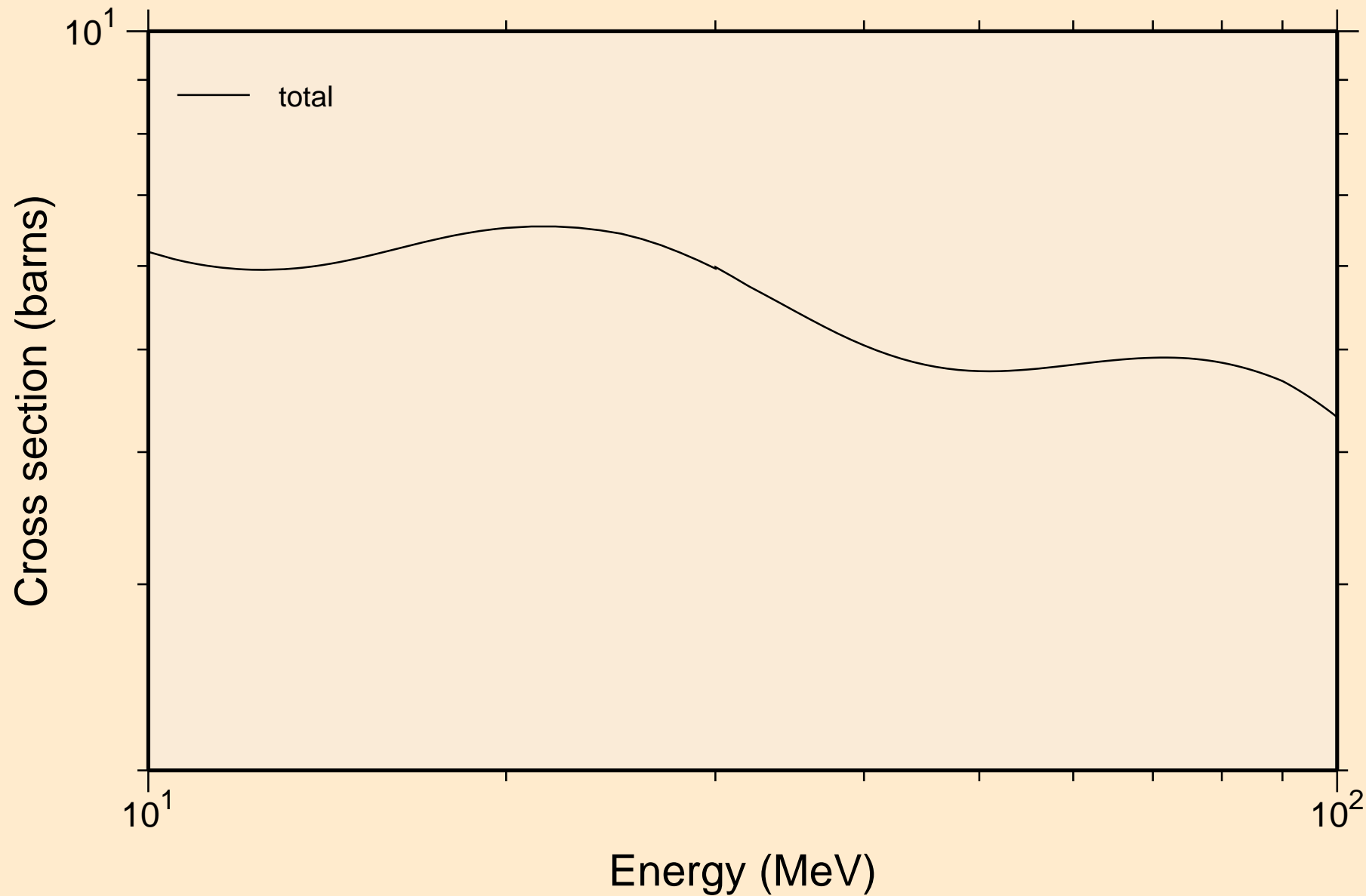
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



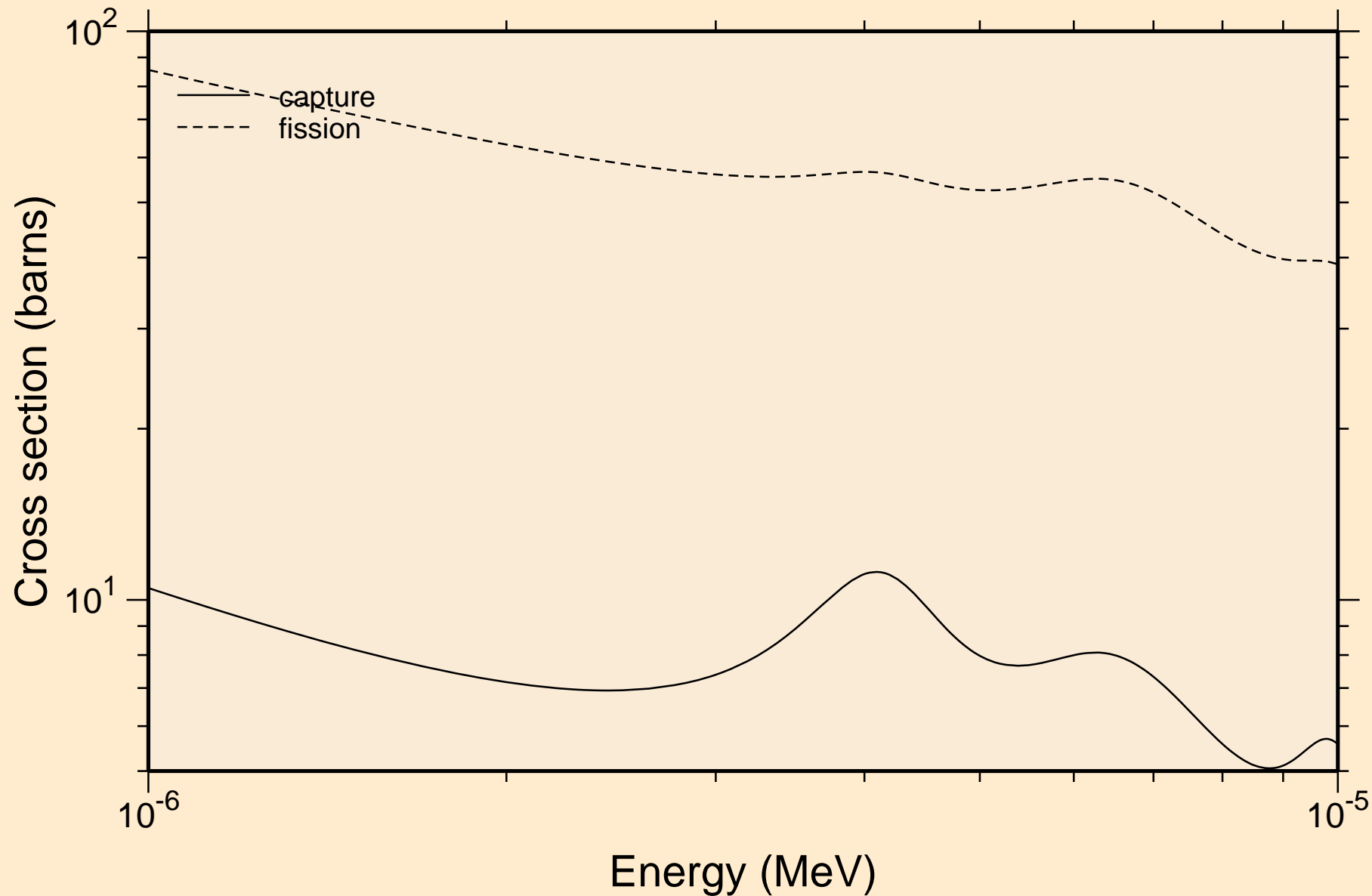
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



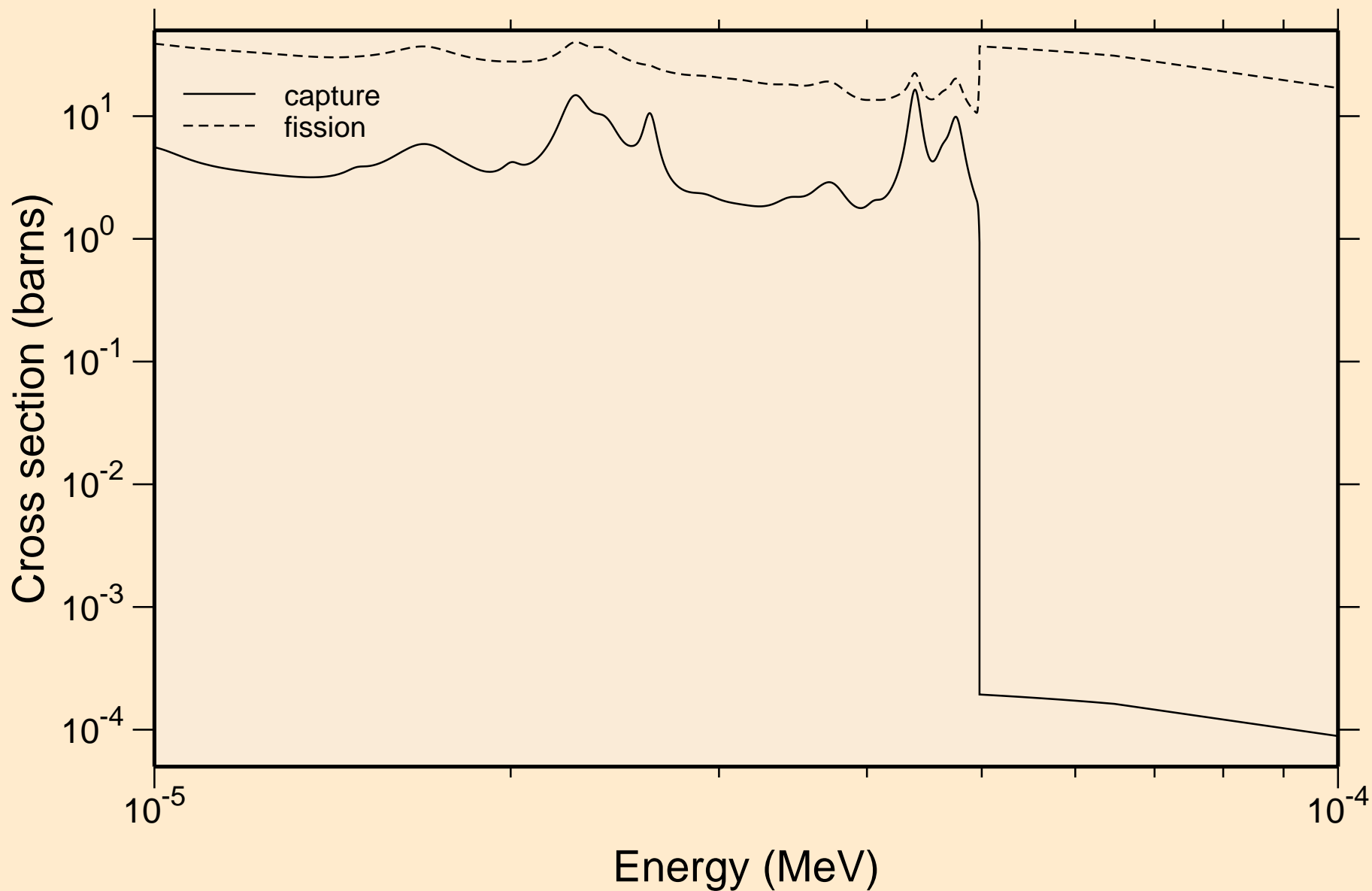
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



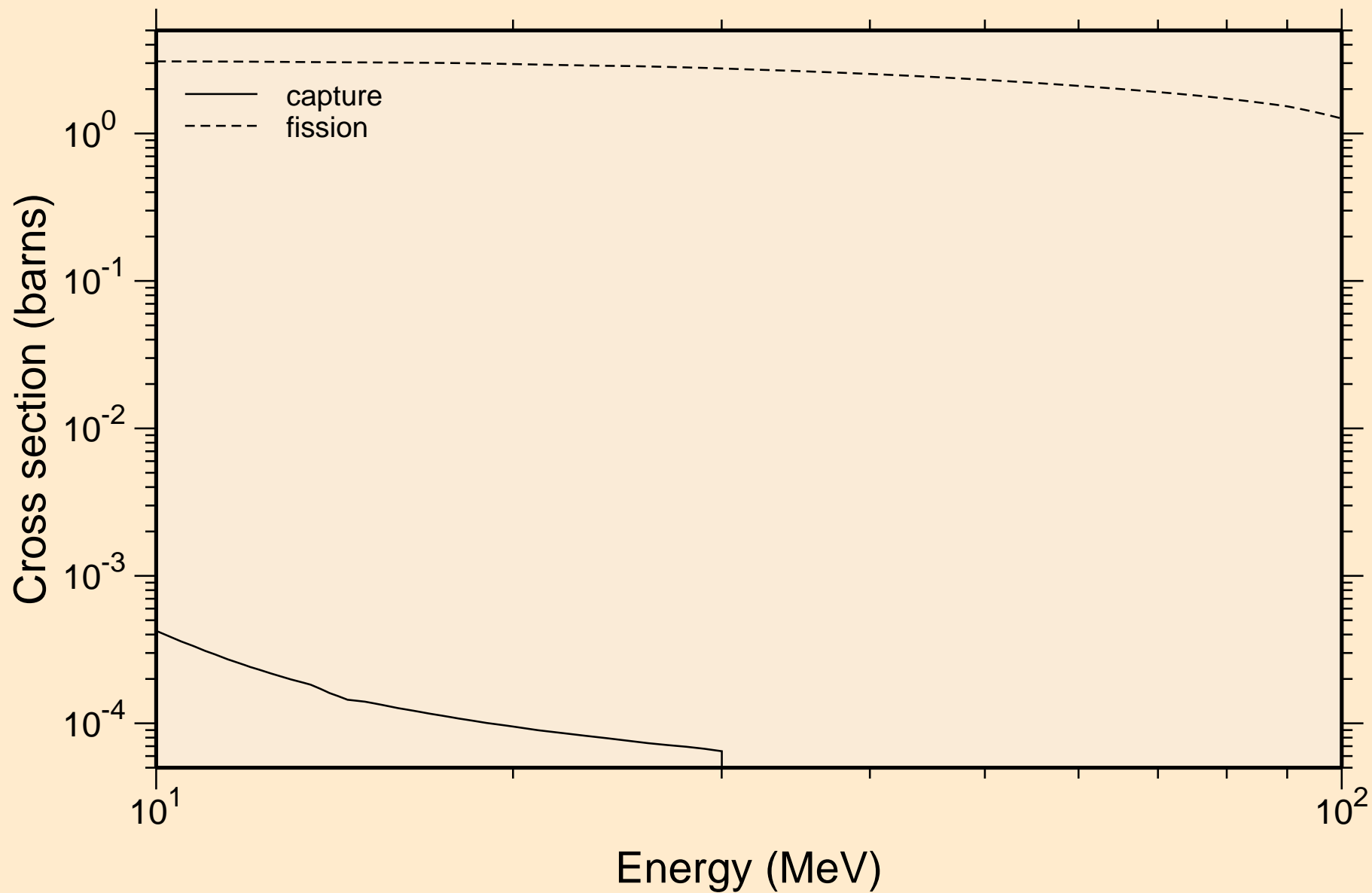
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



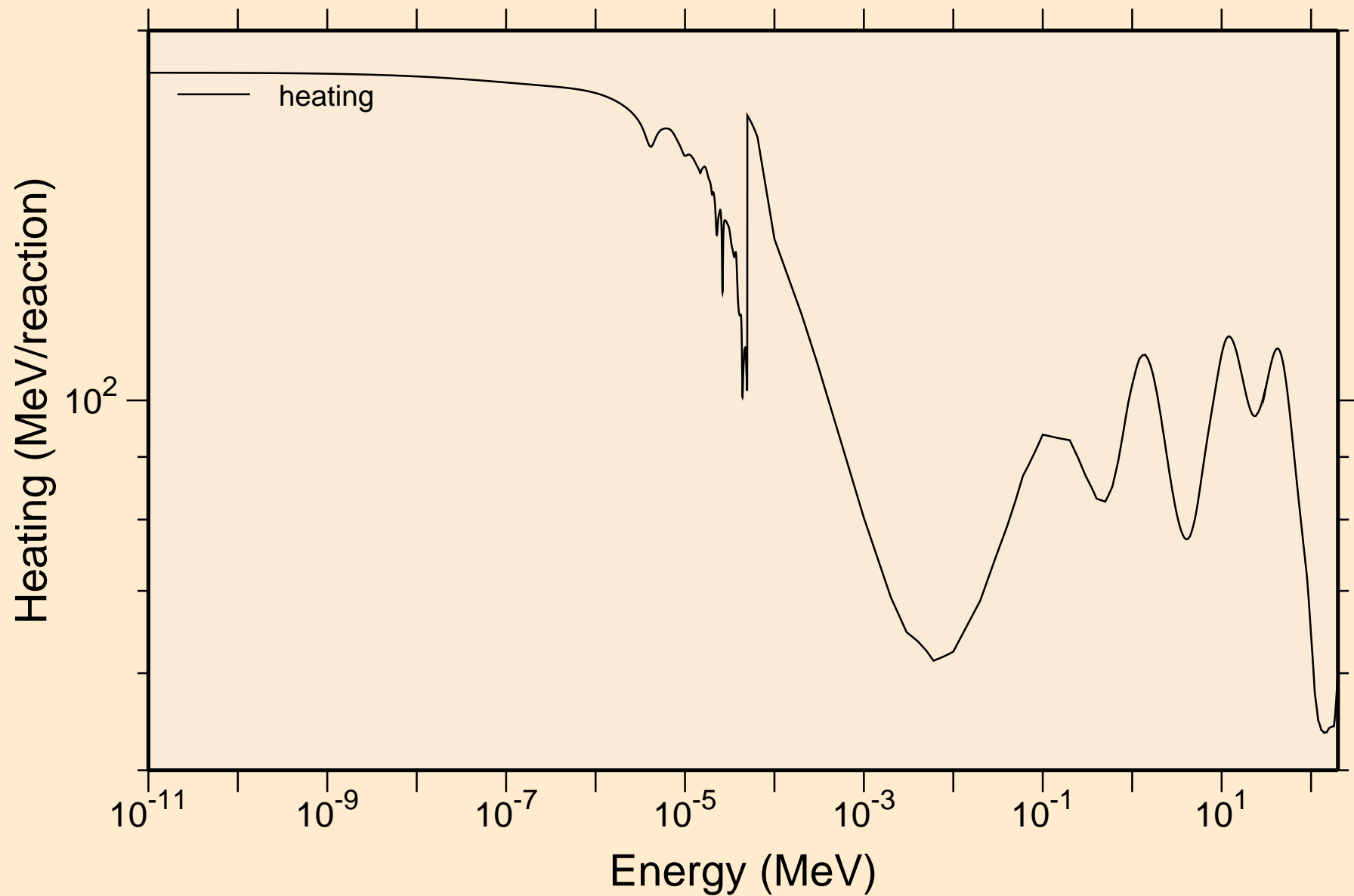
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

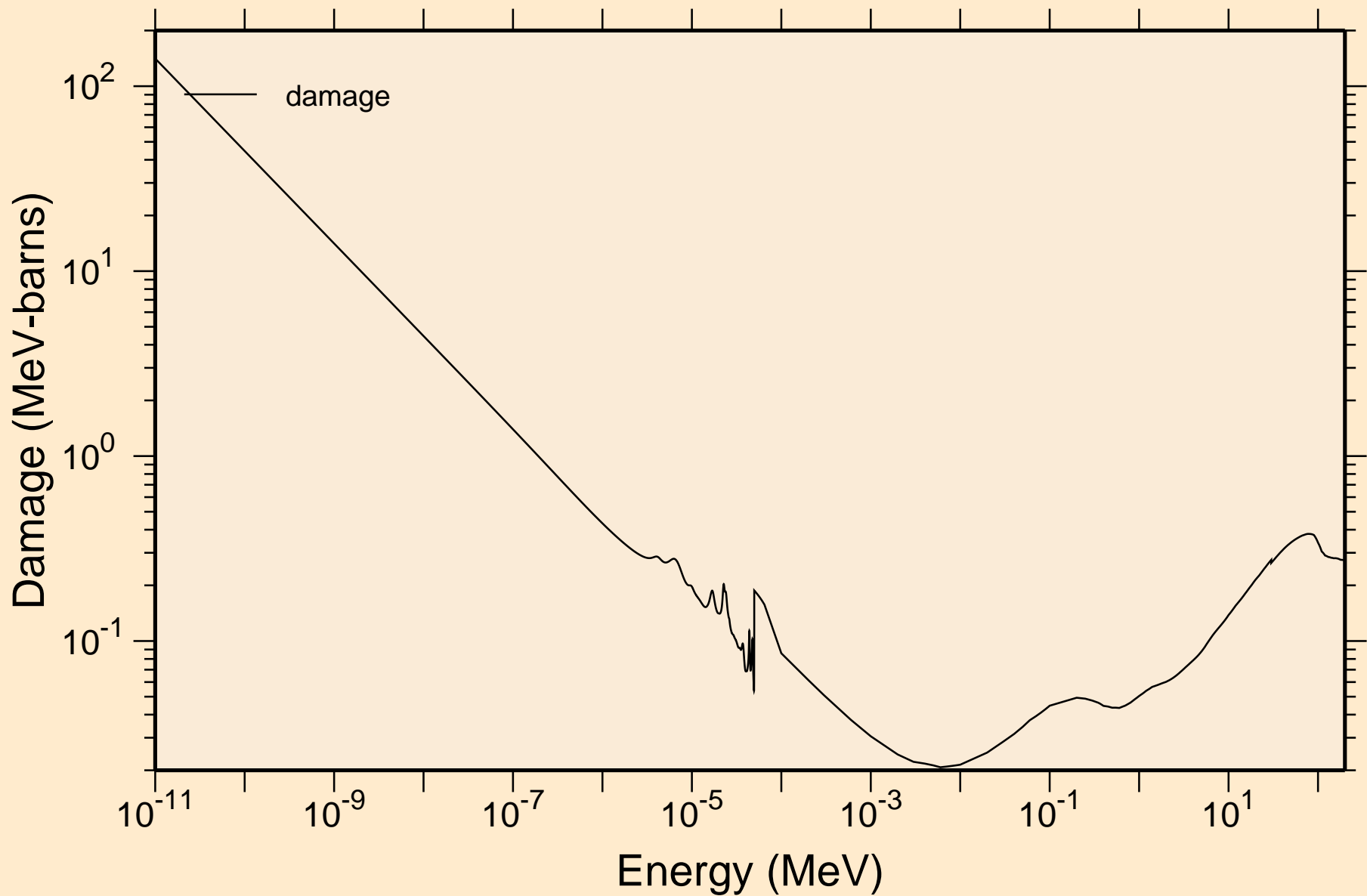


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

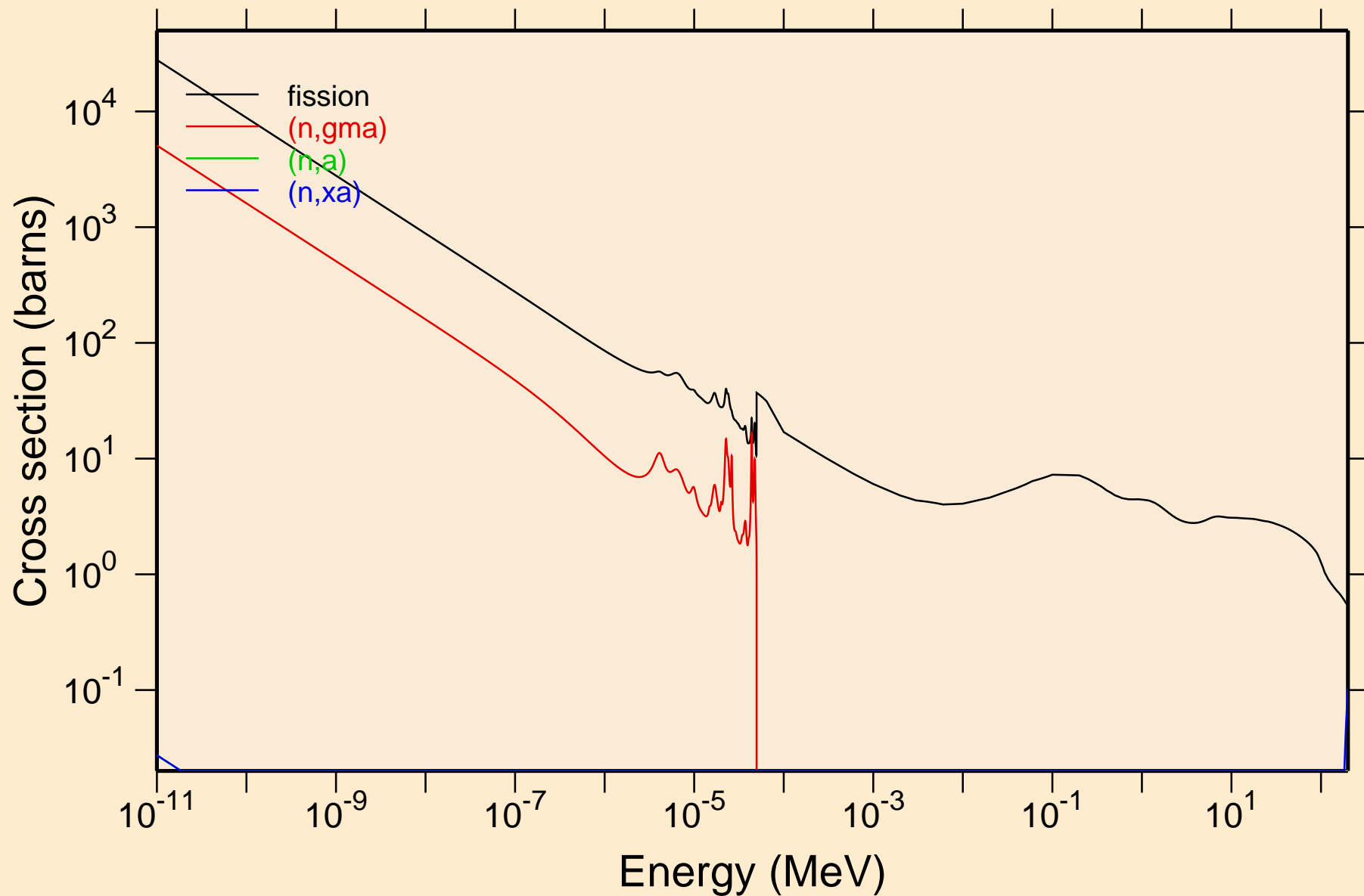




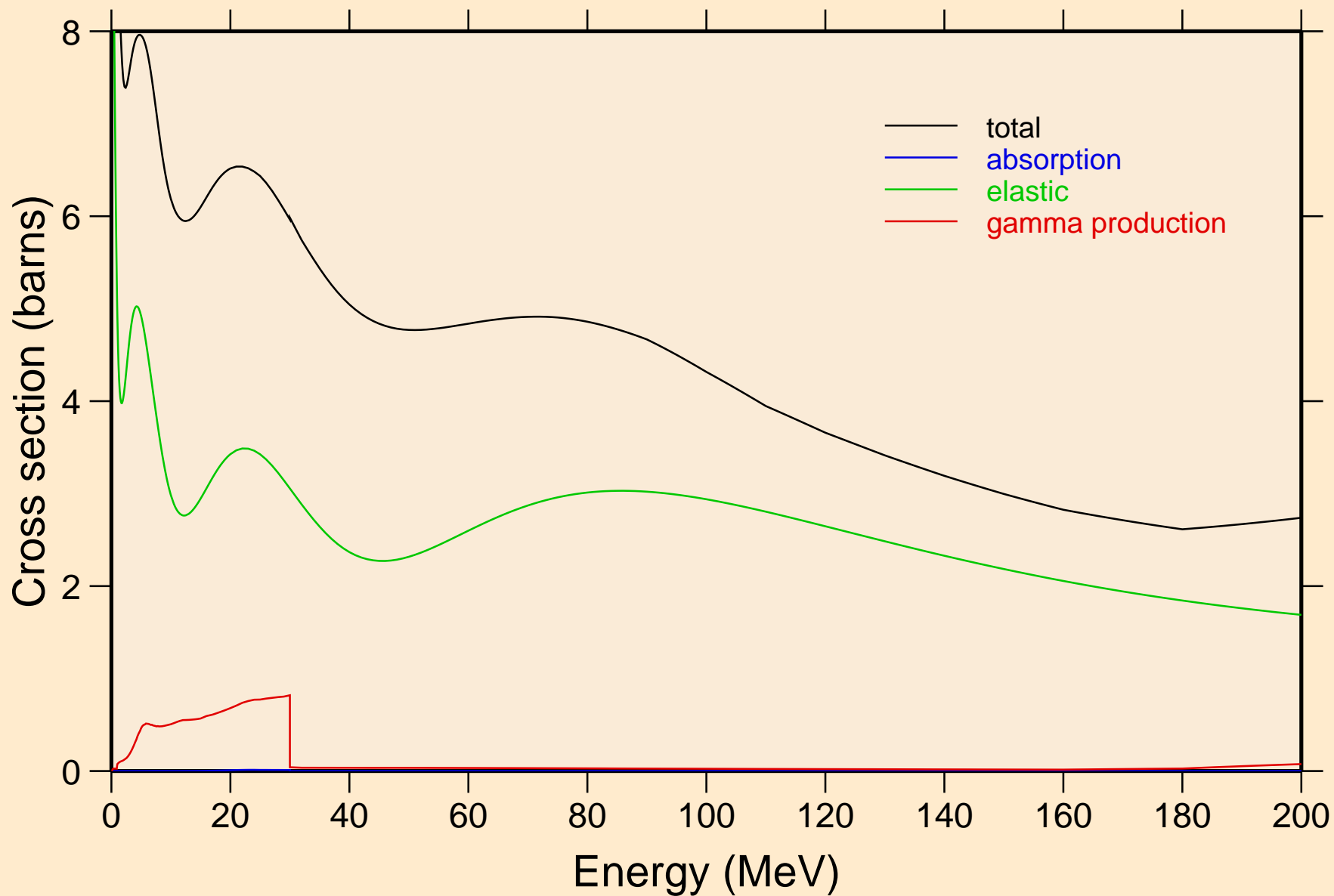
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



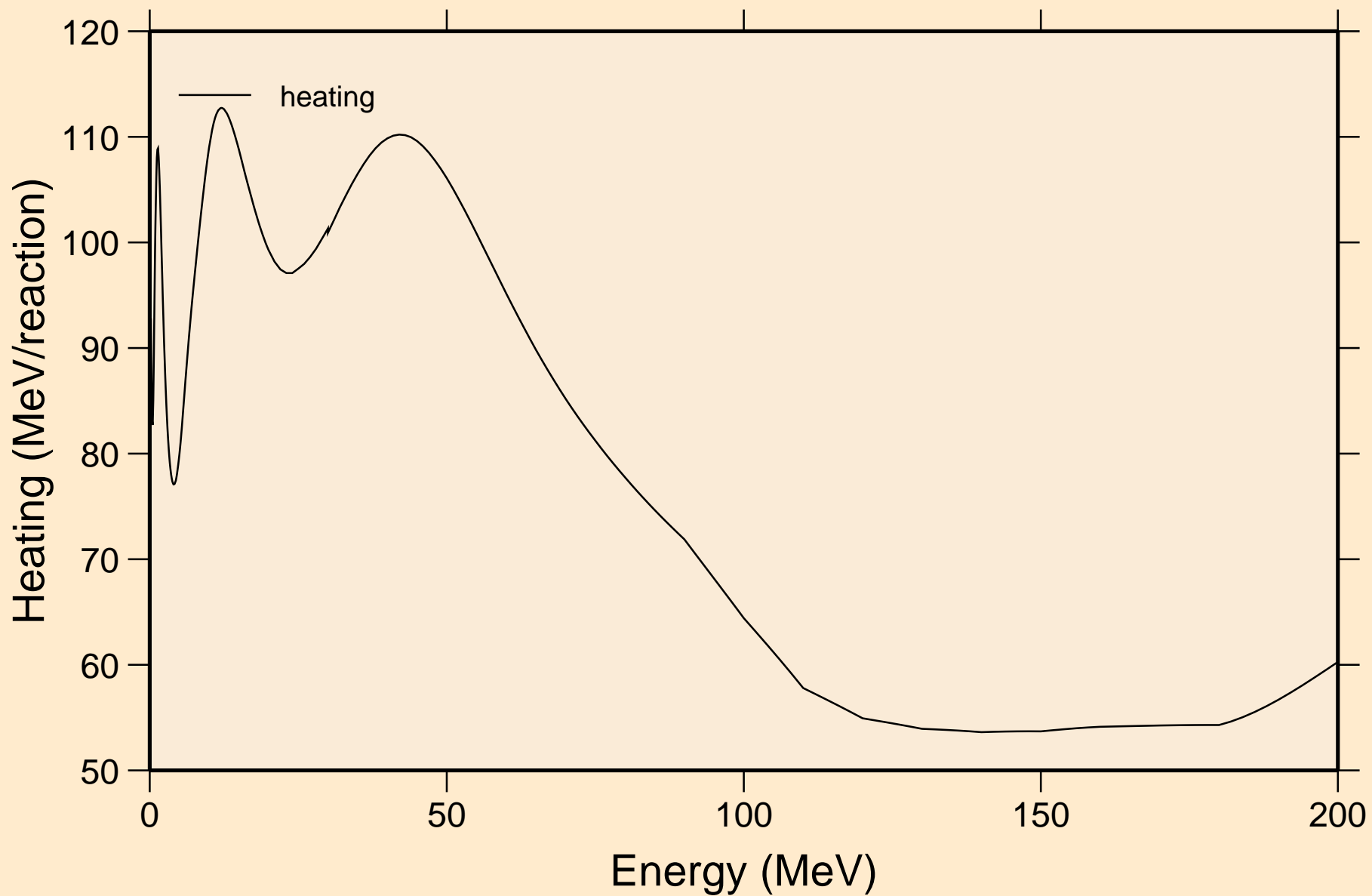
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



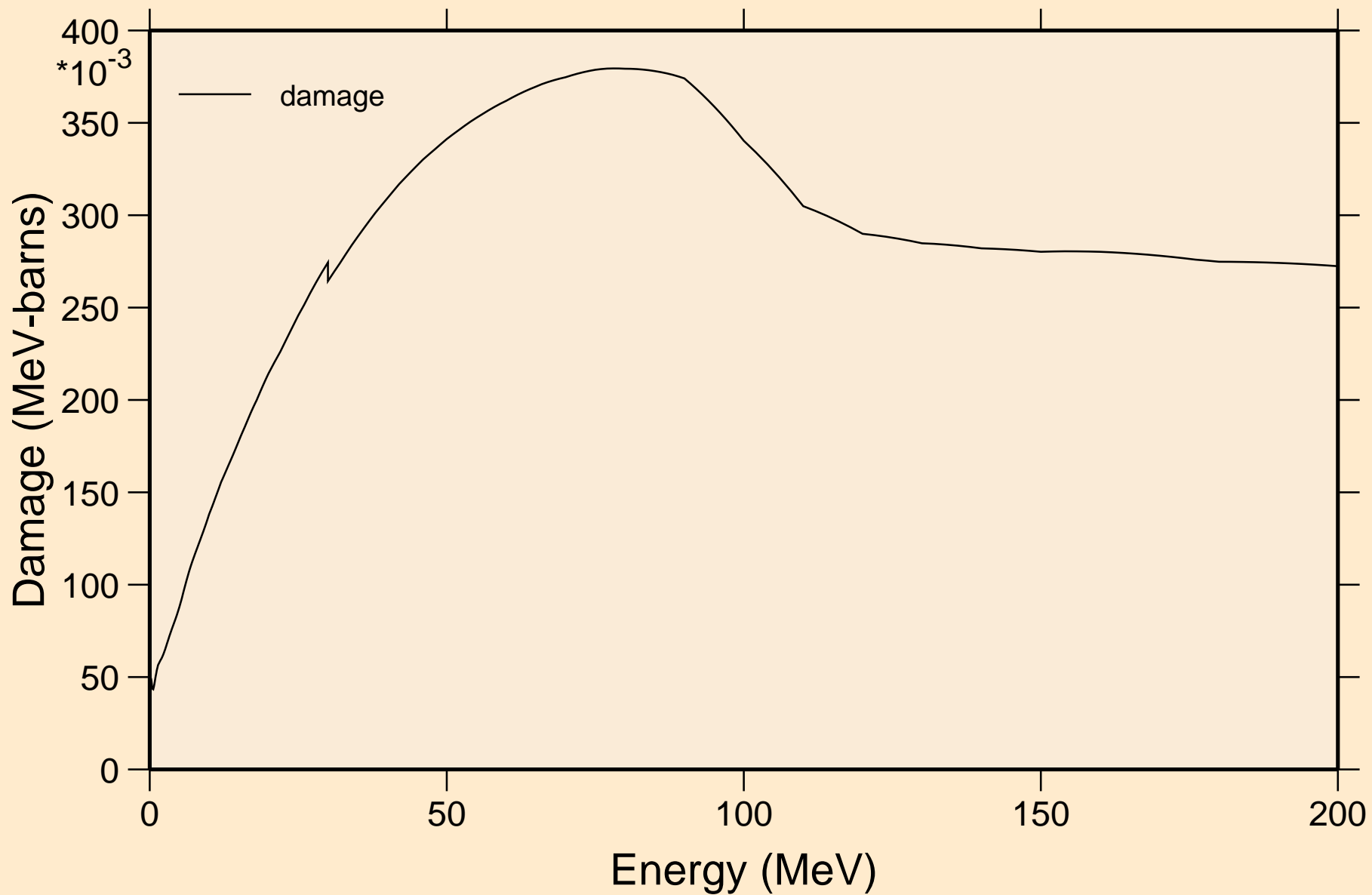
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



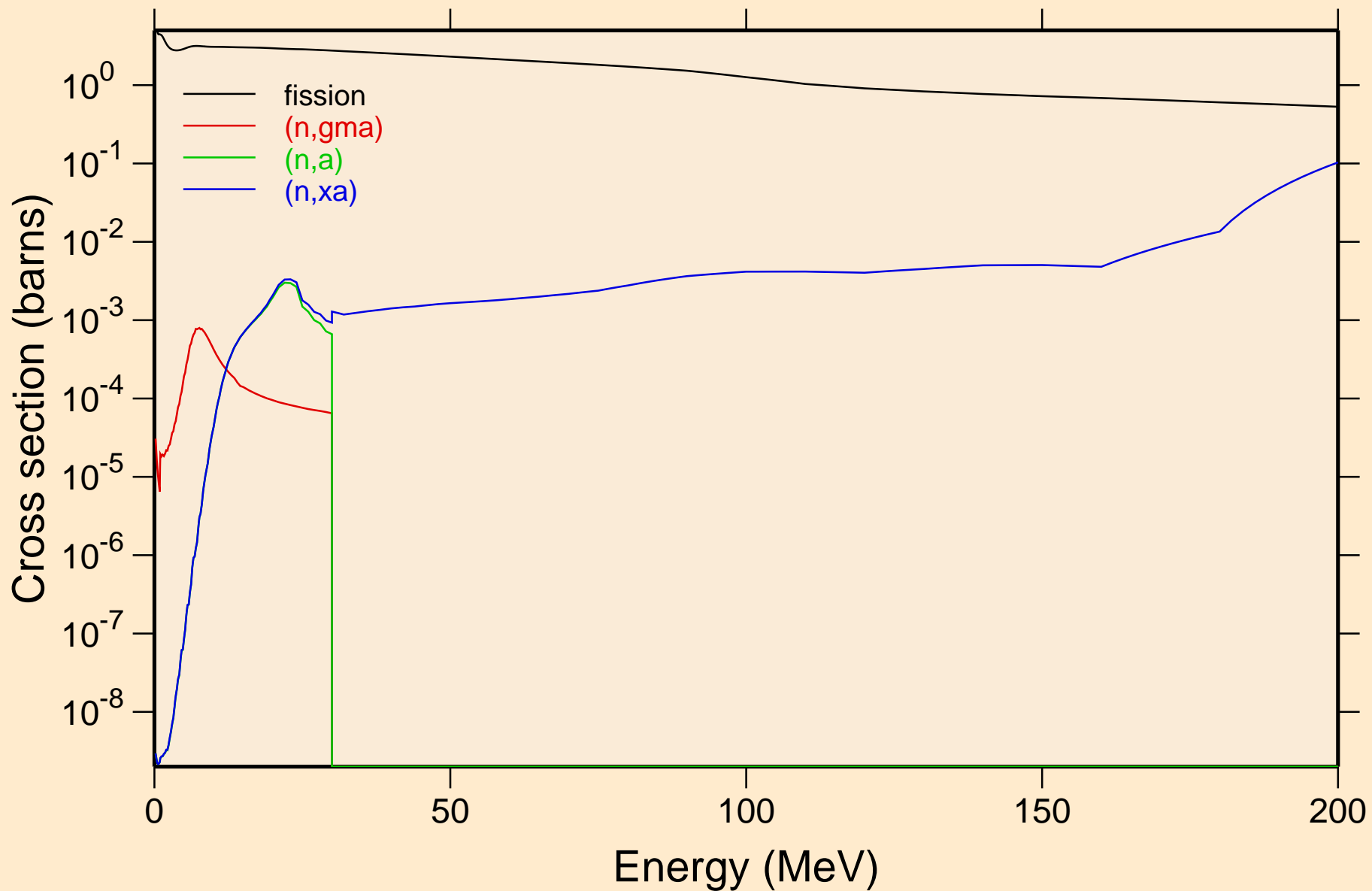
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



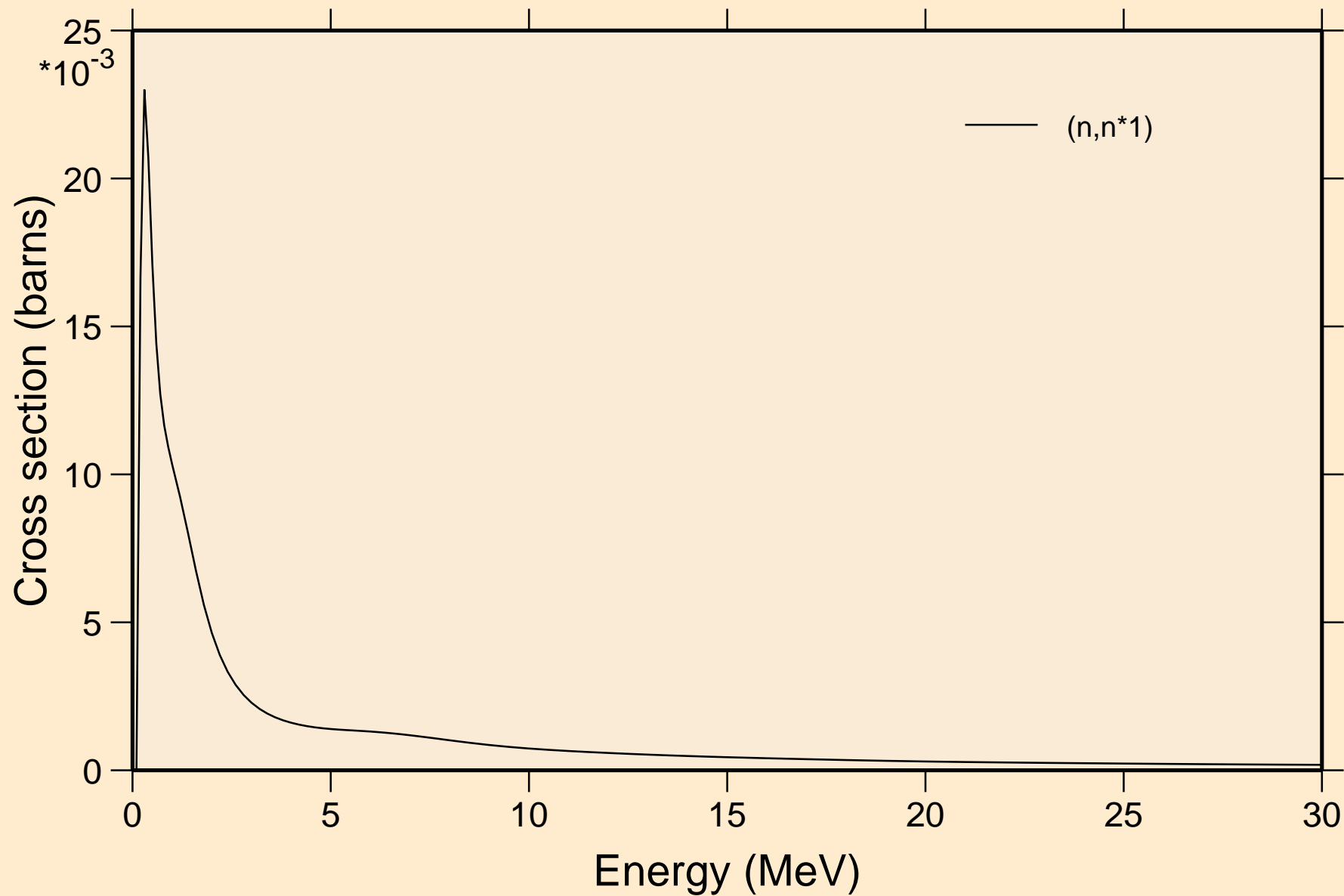
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



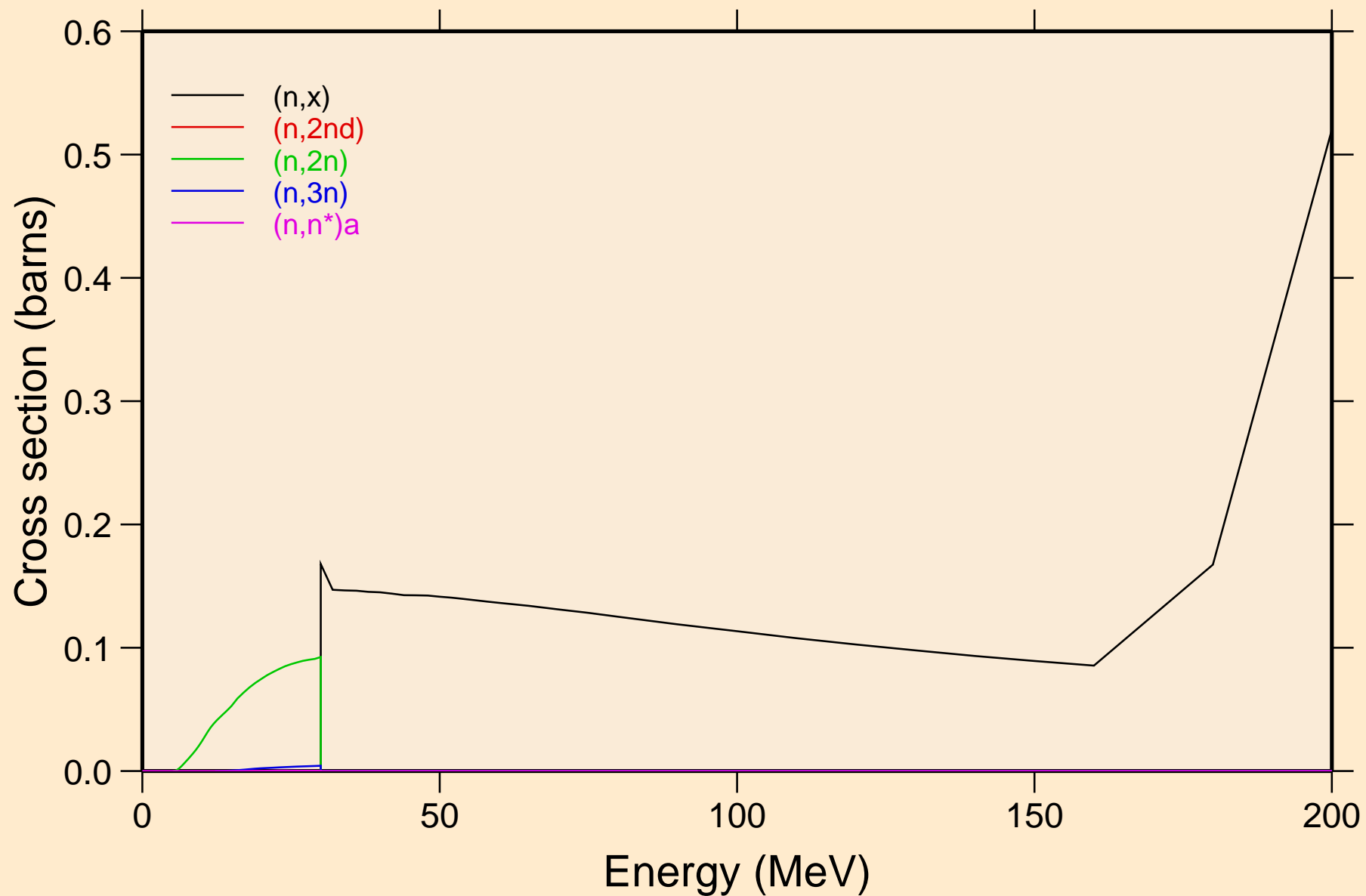
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

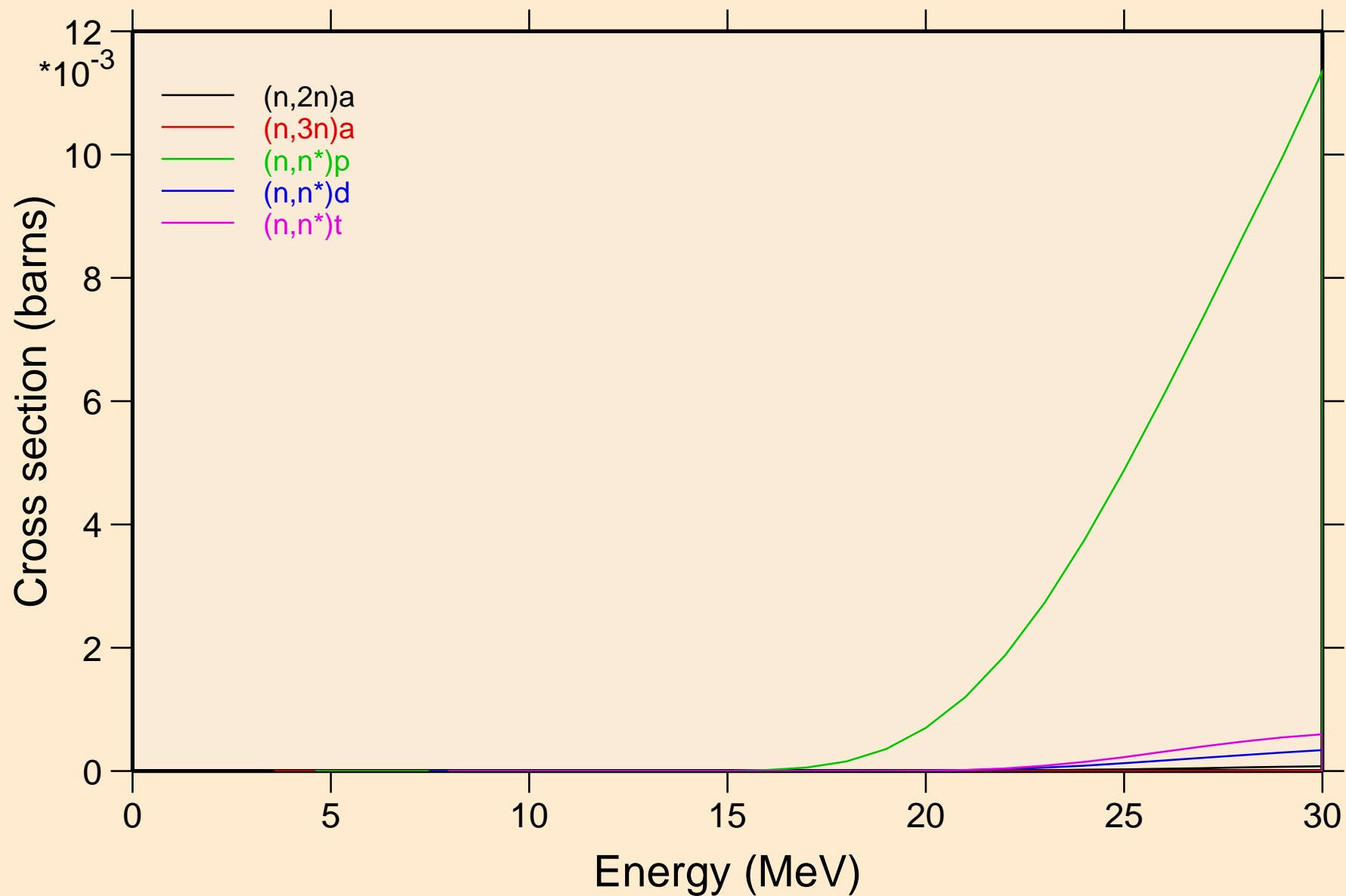


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

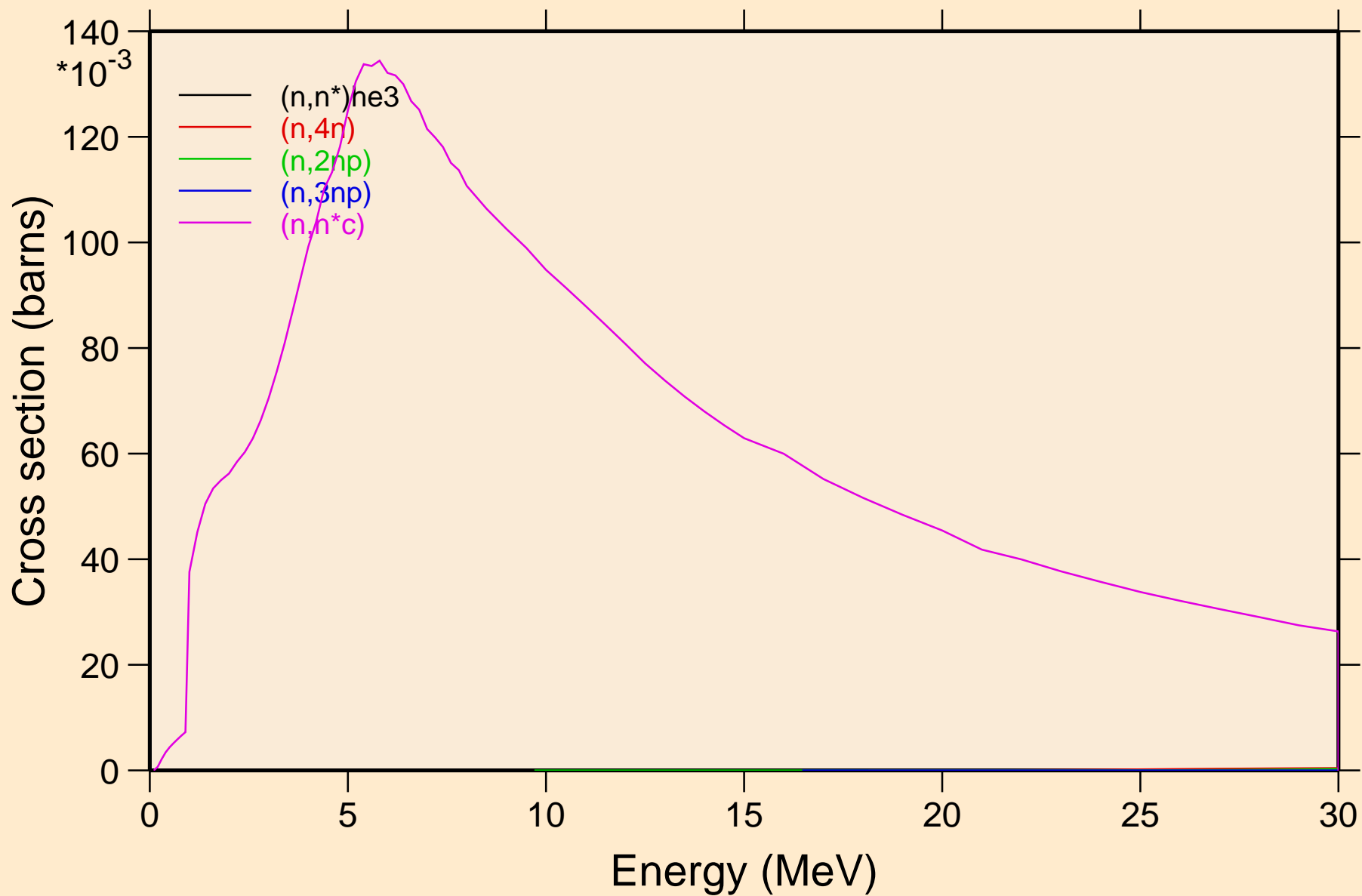




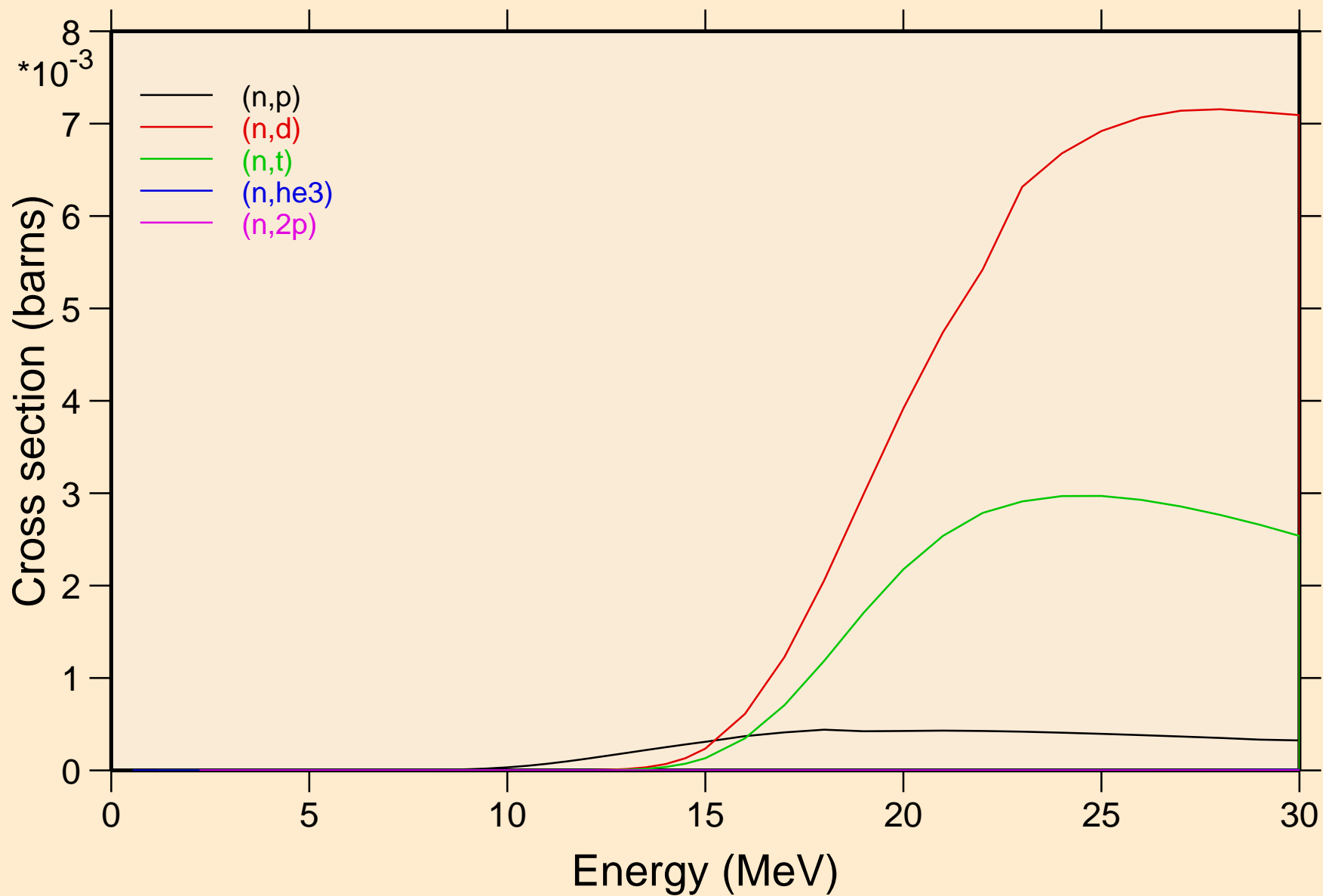
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



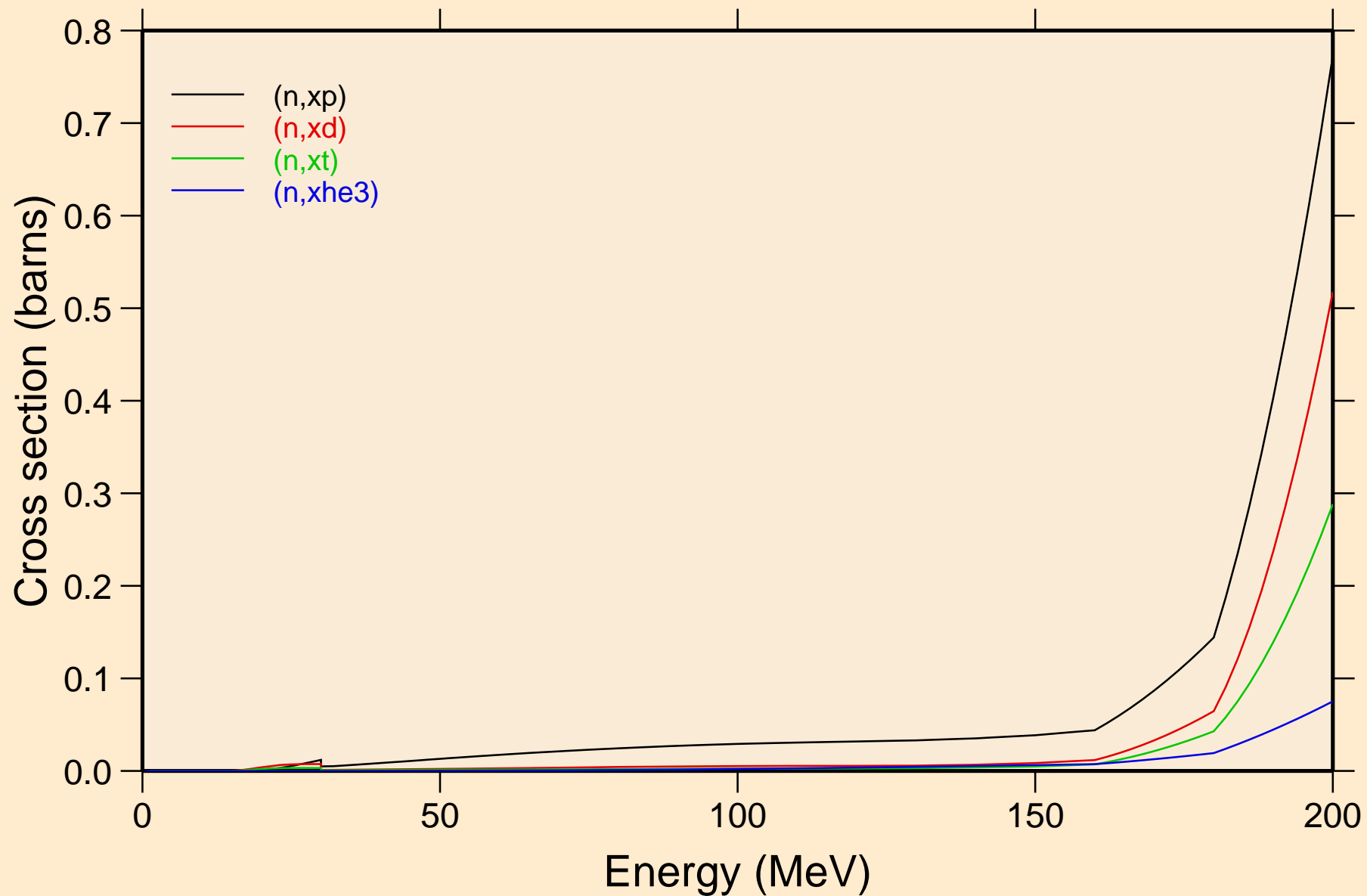
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



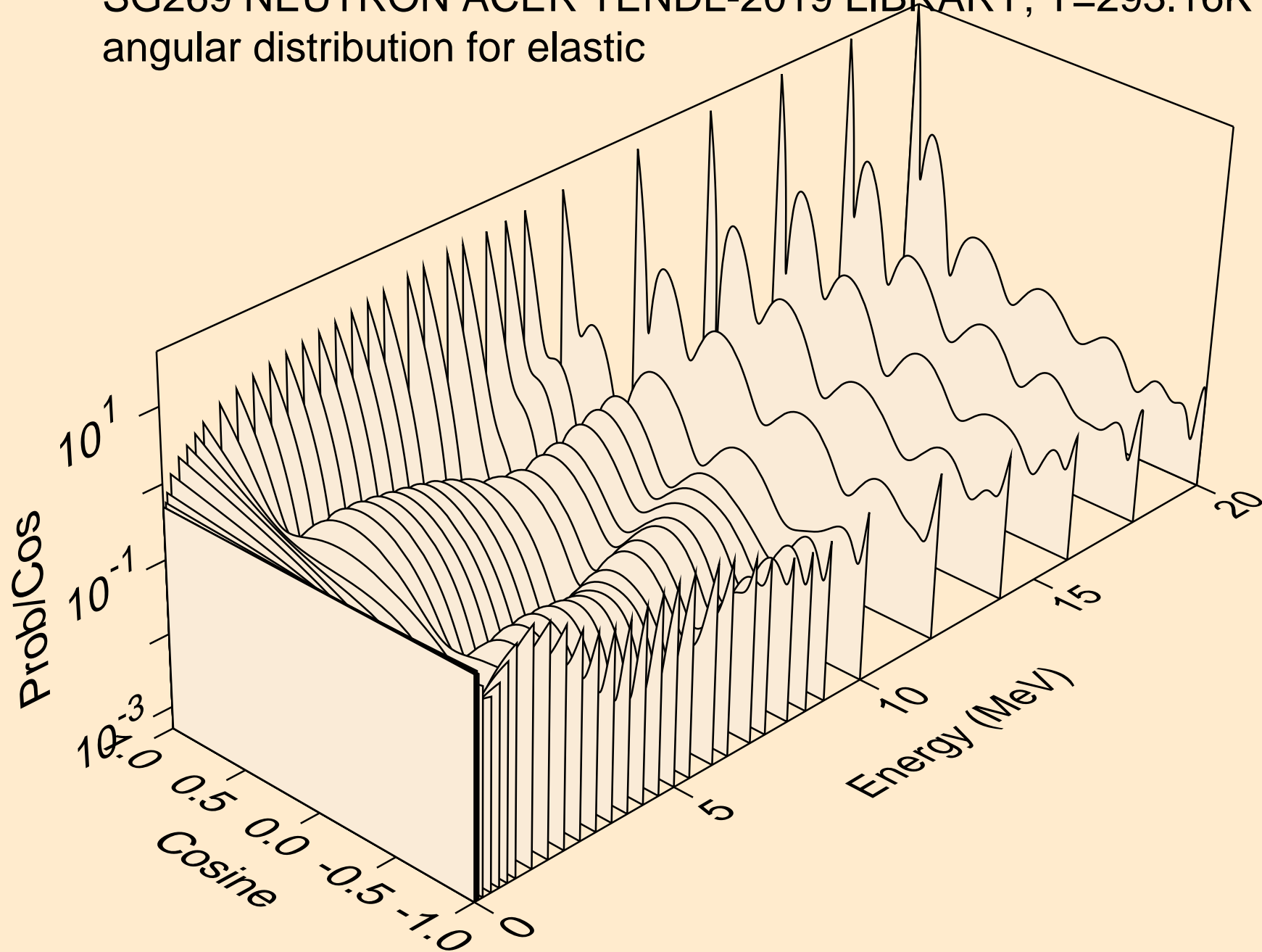
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



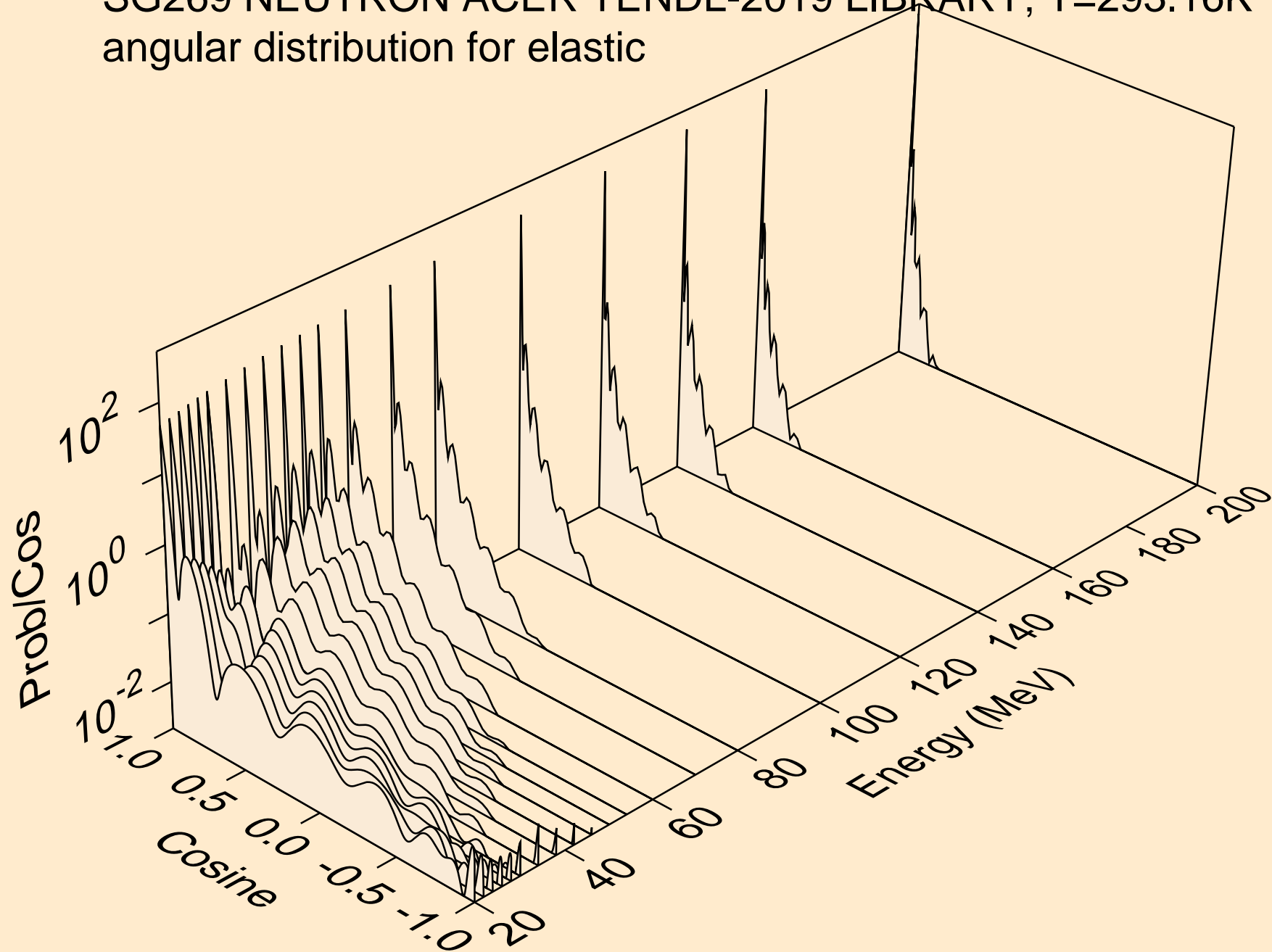
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



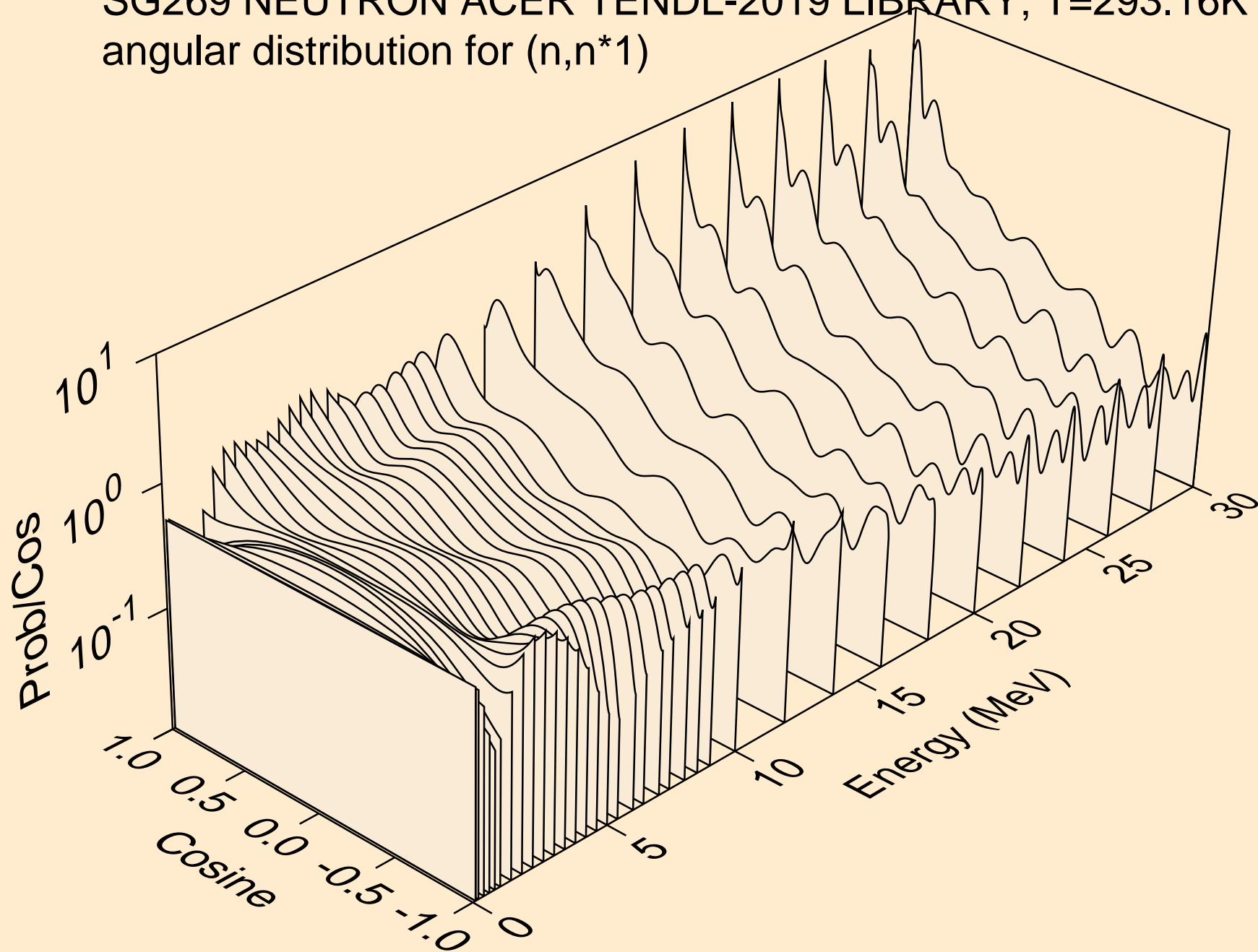
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

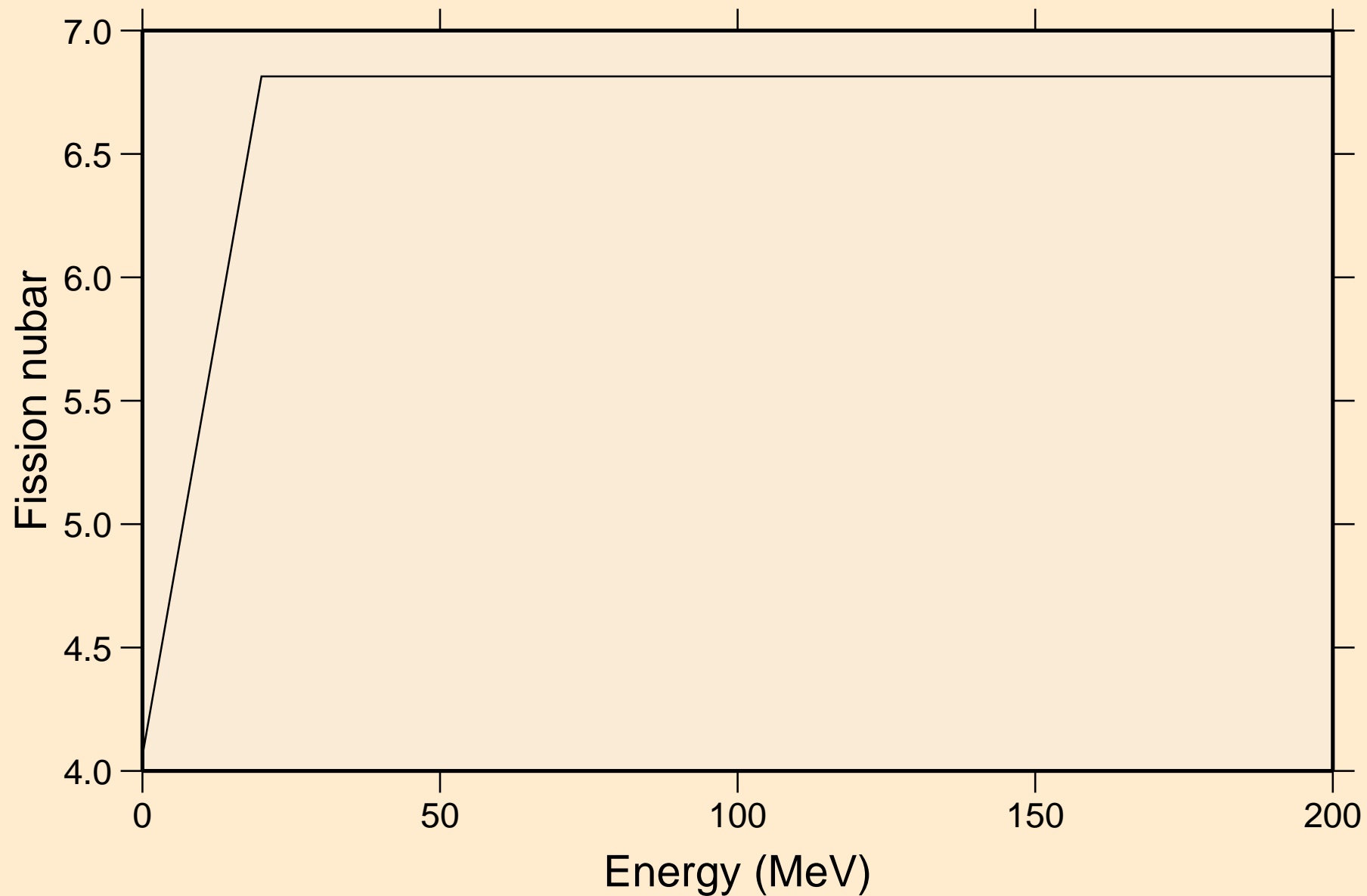


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



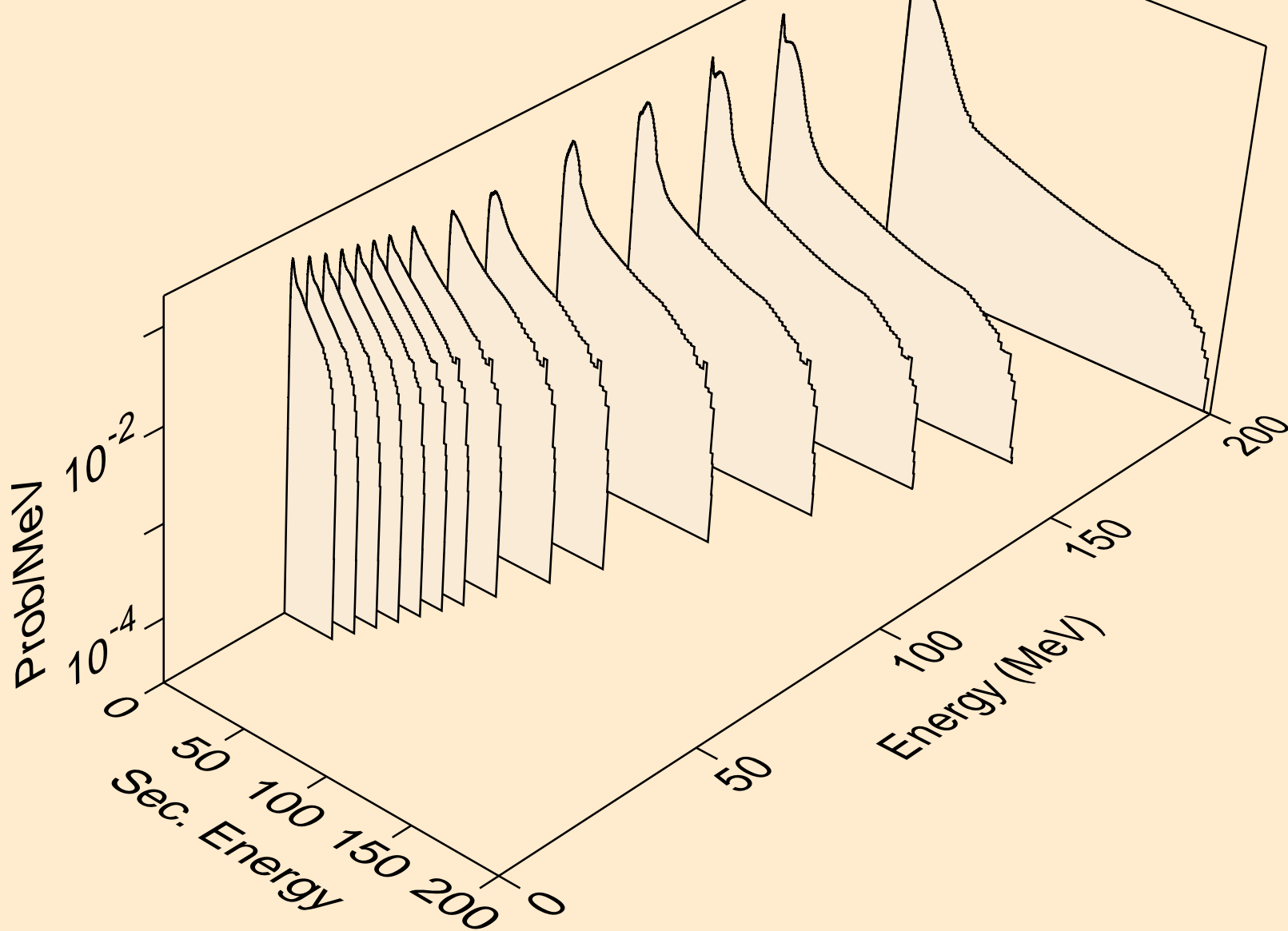
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Total fission nuubar

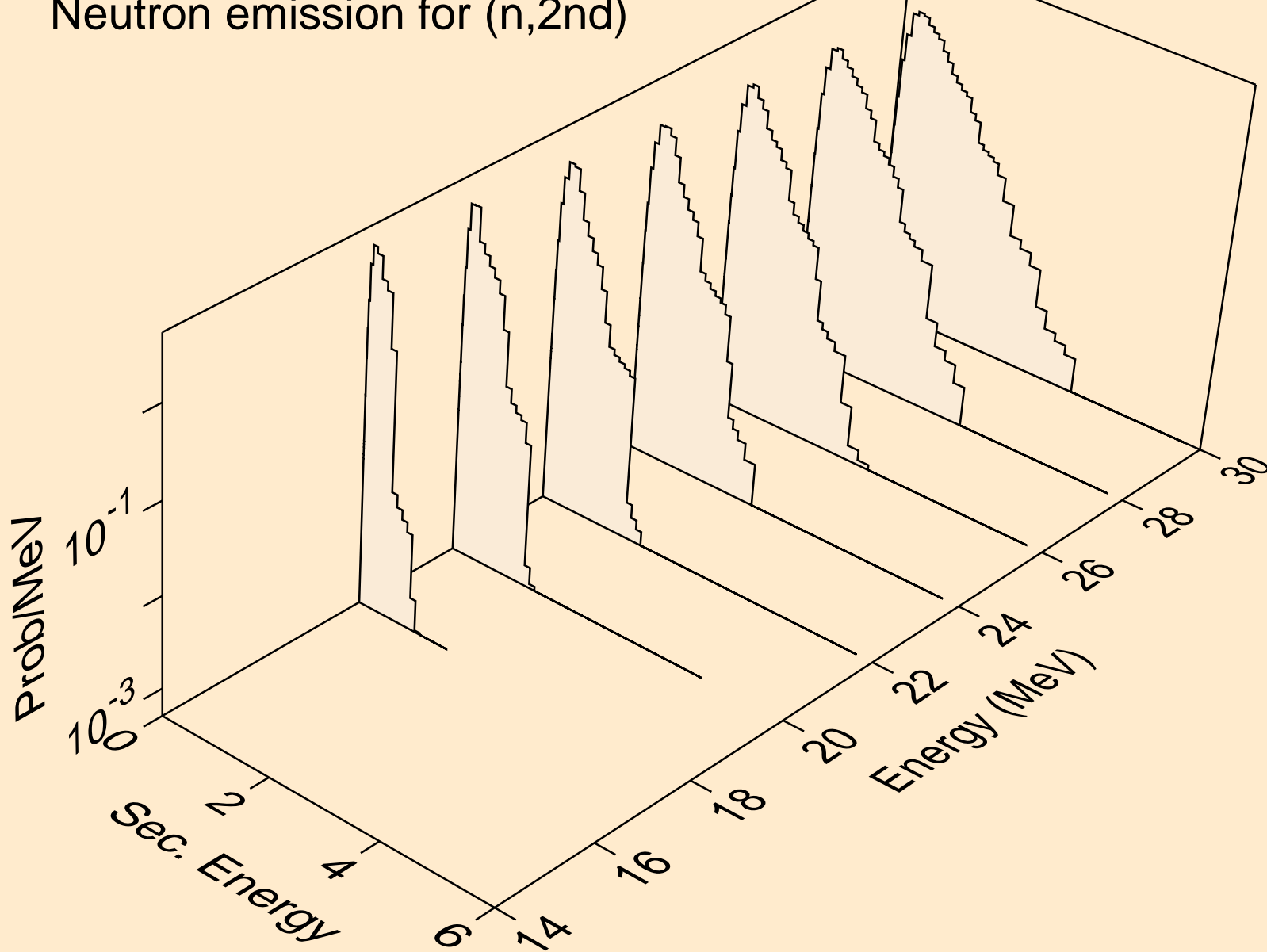




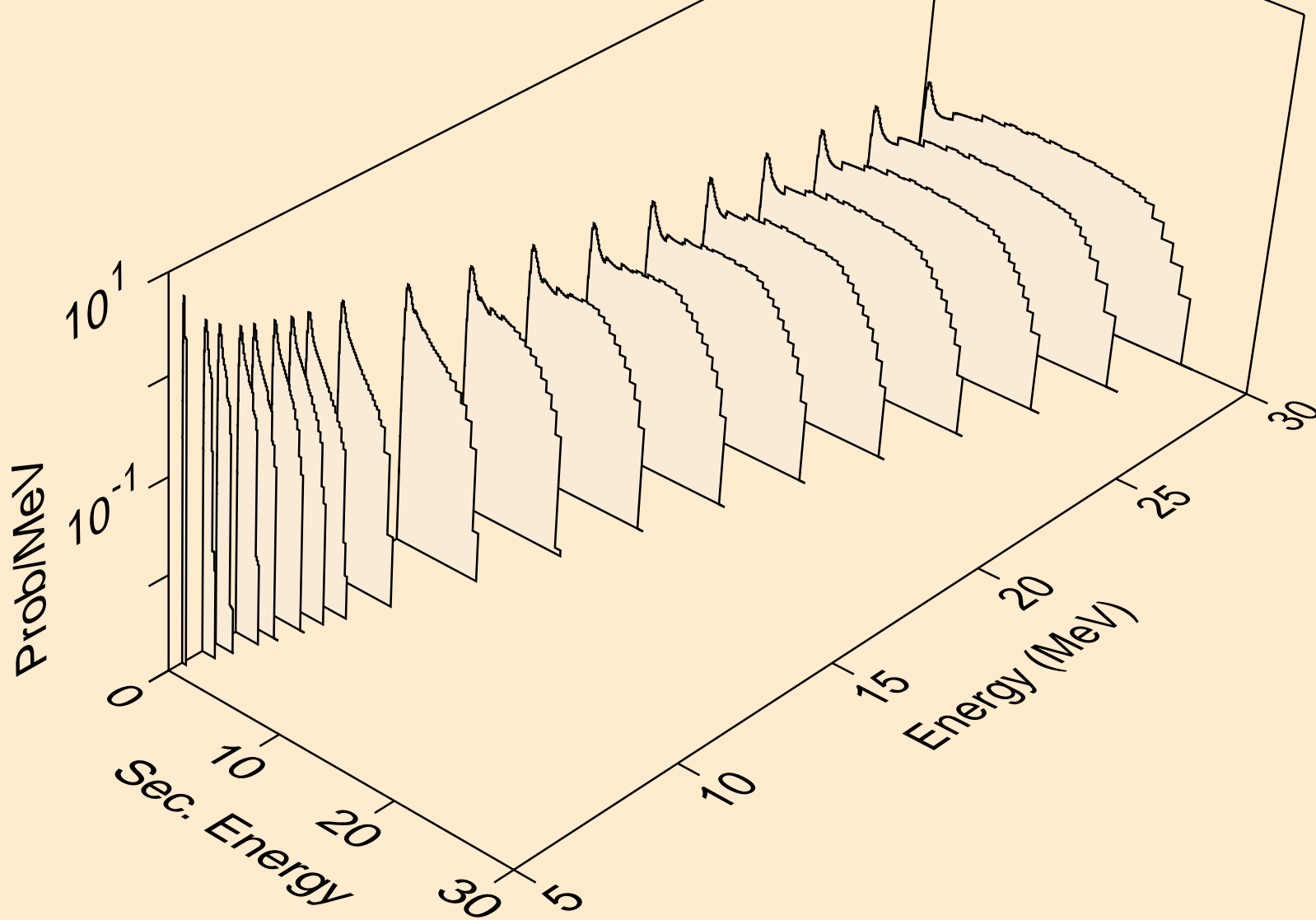
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



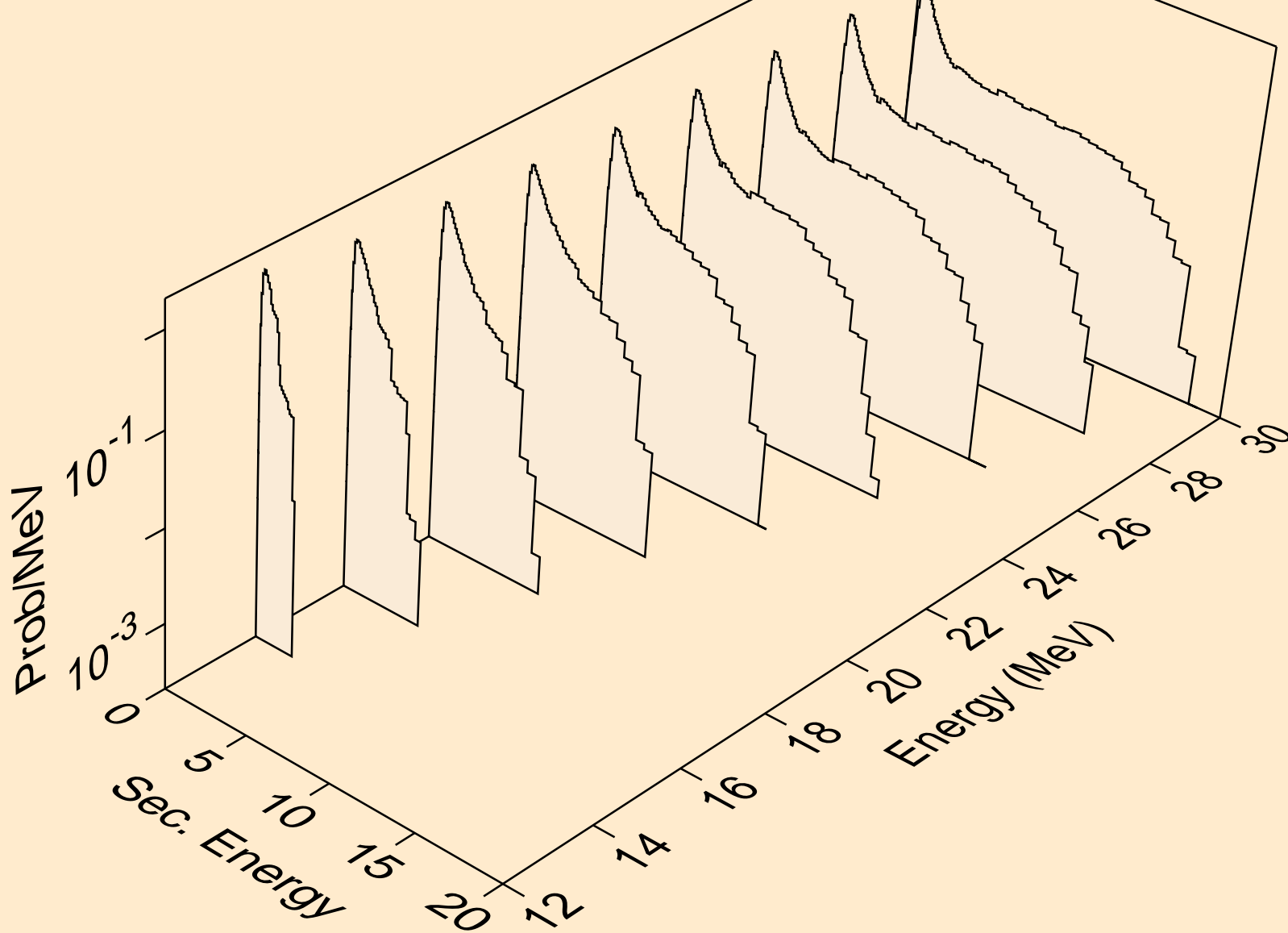
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



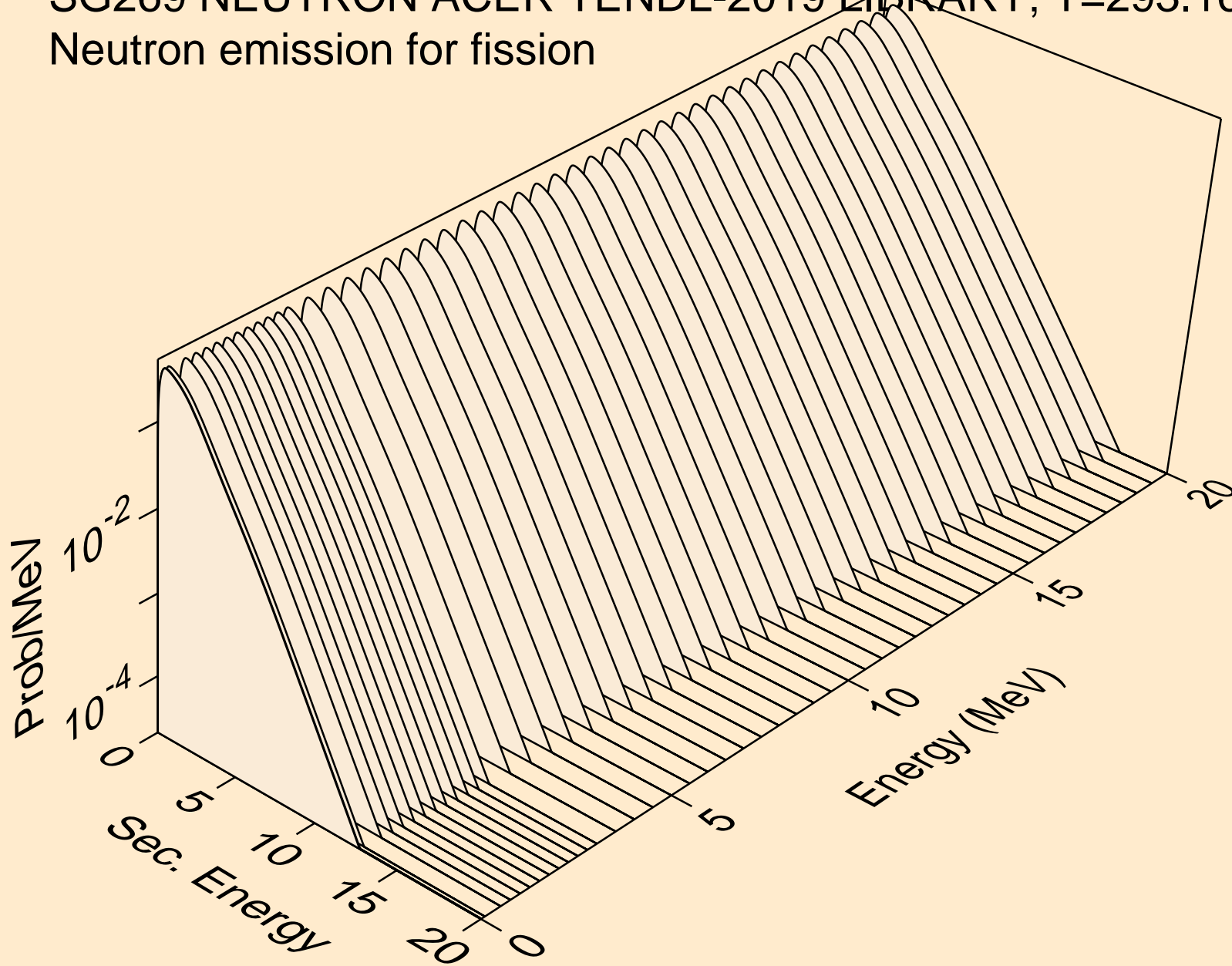
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



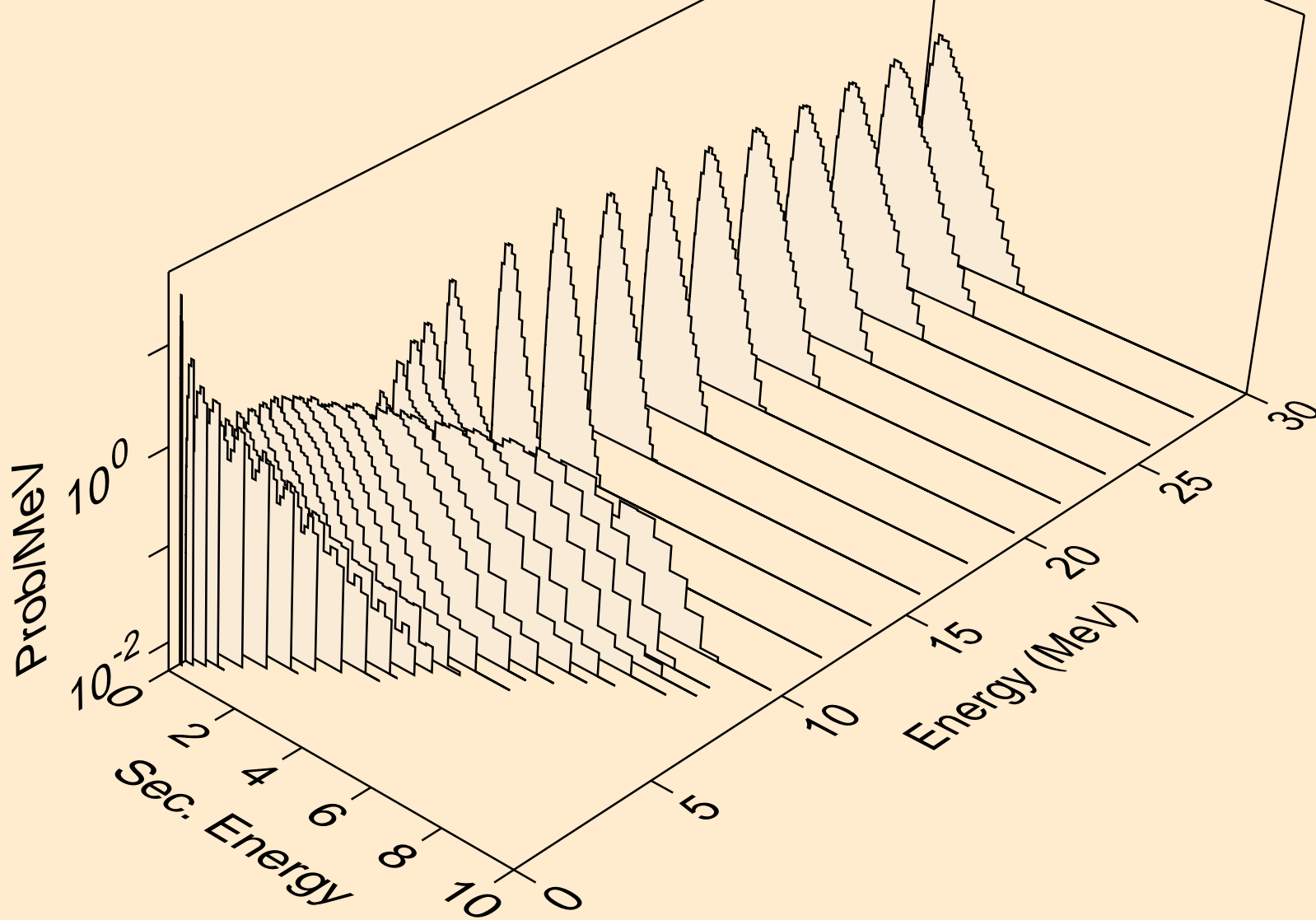
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



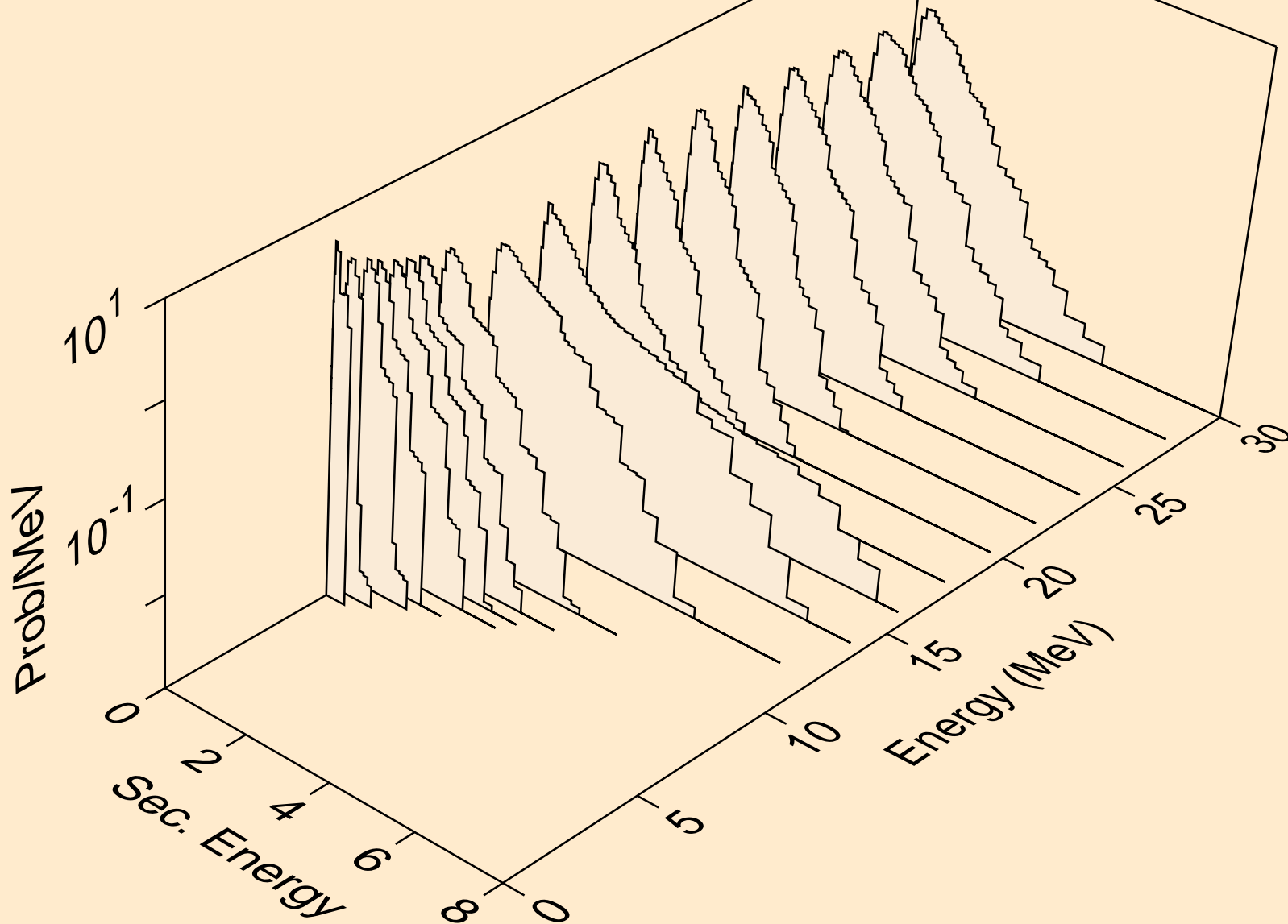
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for fission



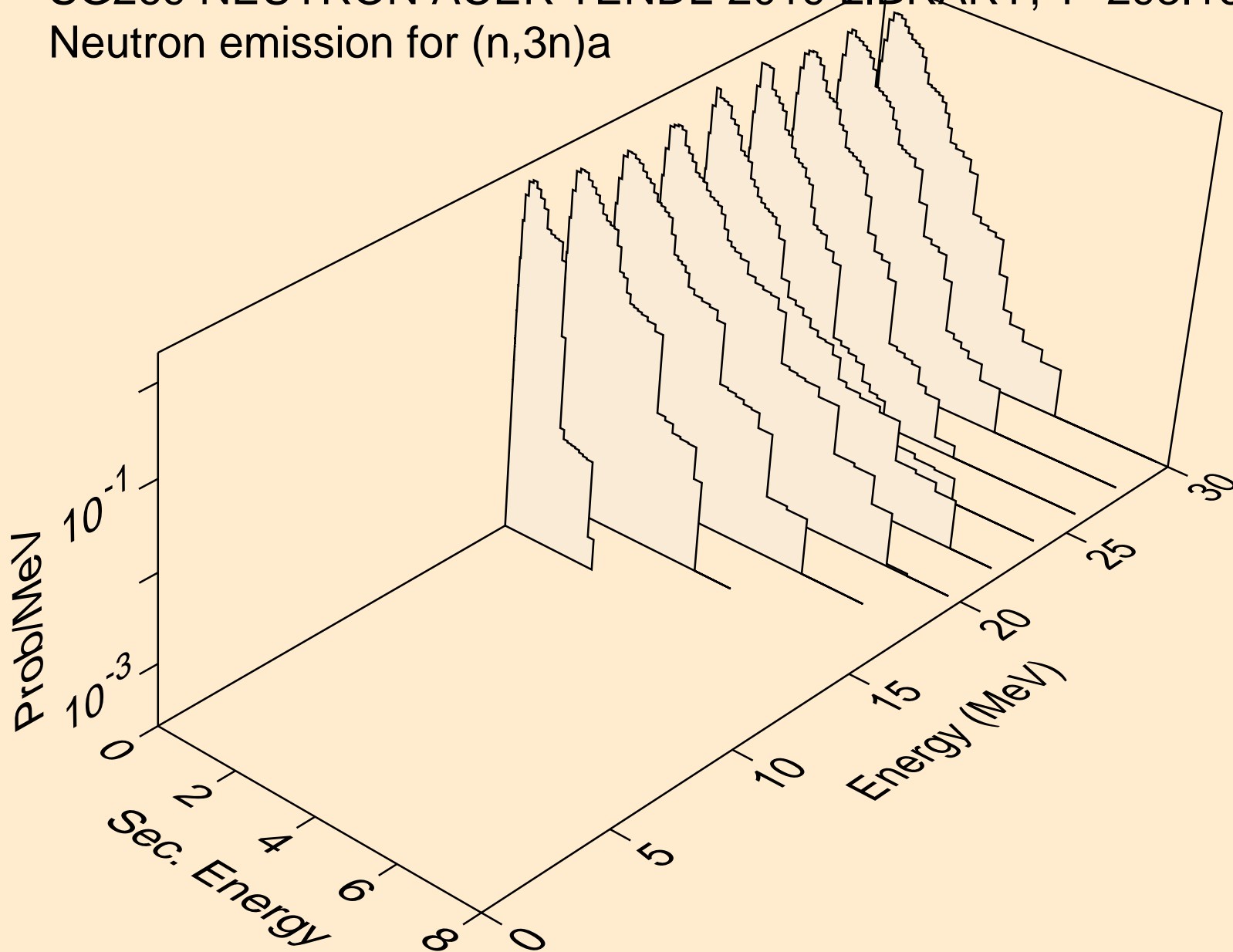
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

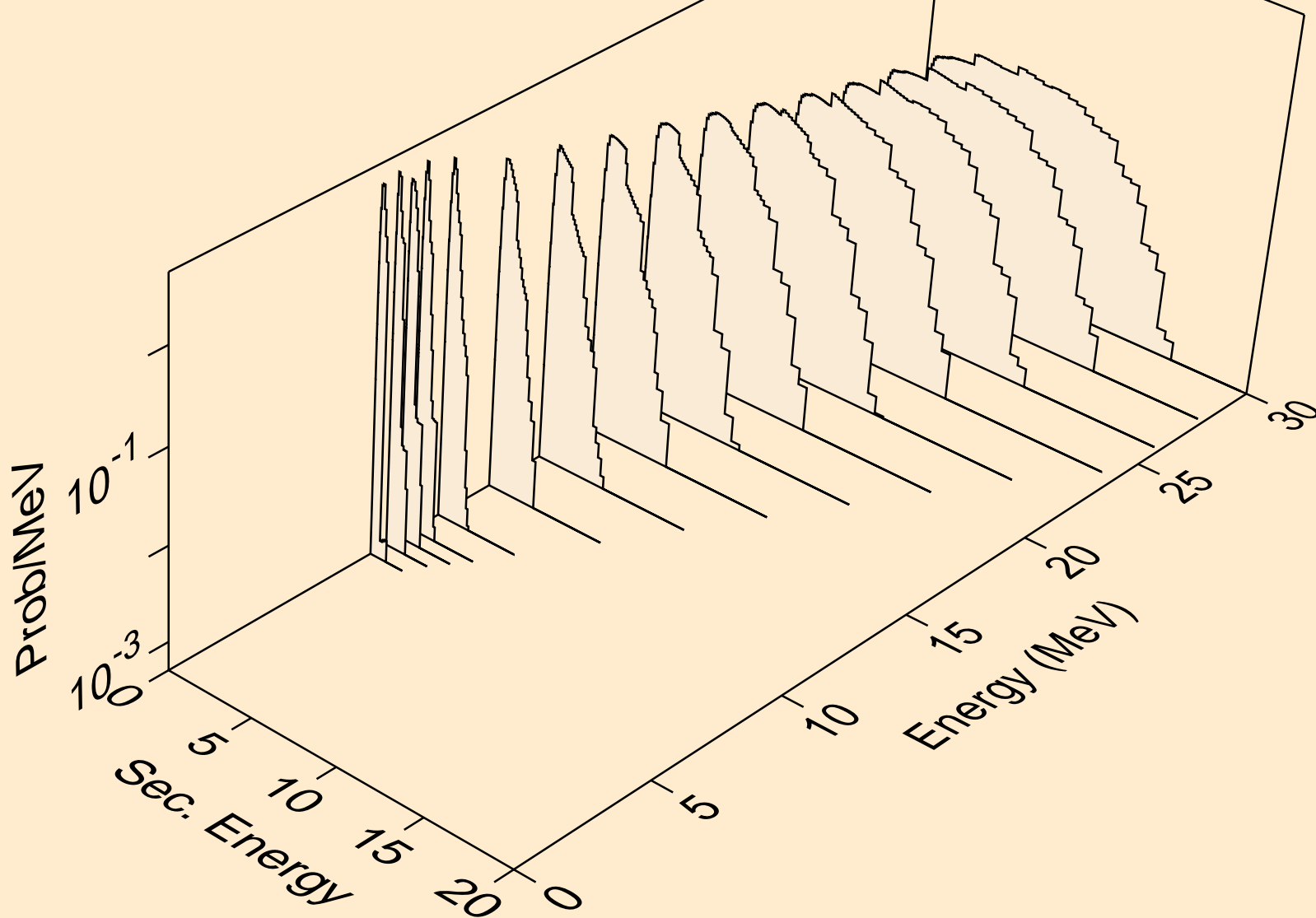


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a

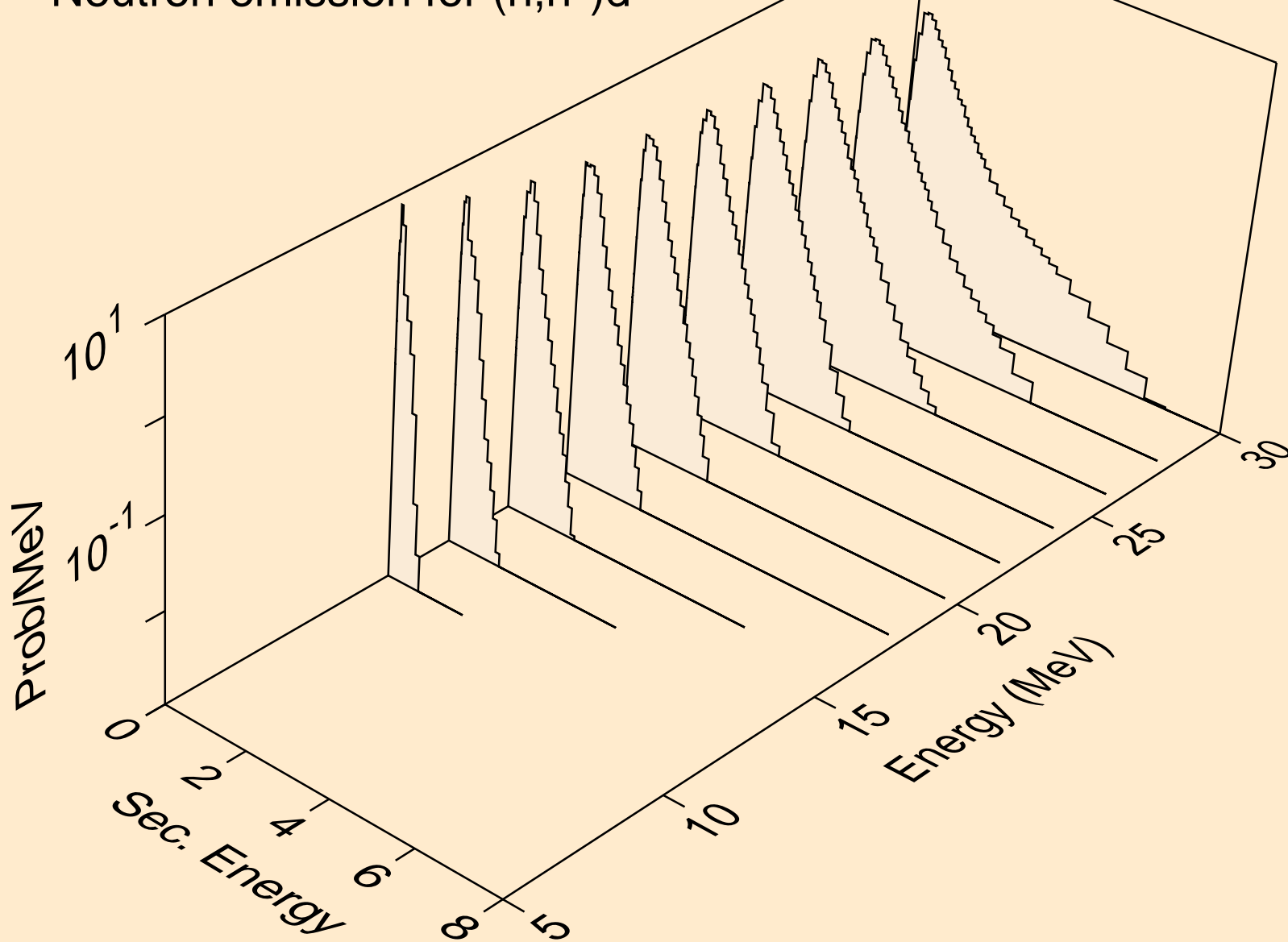




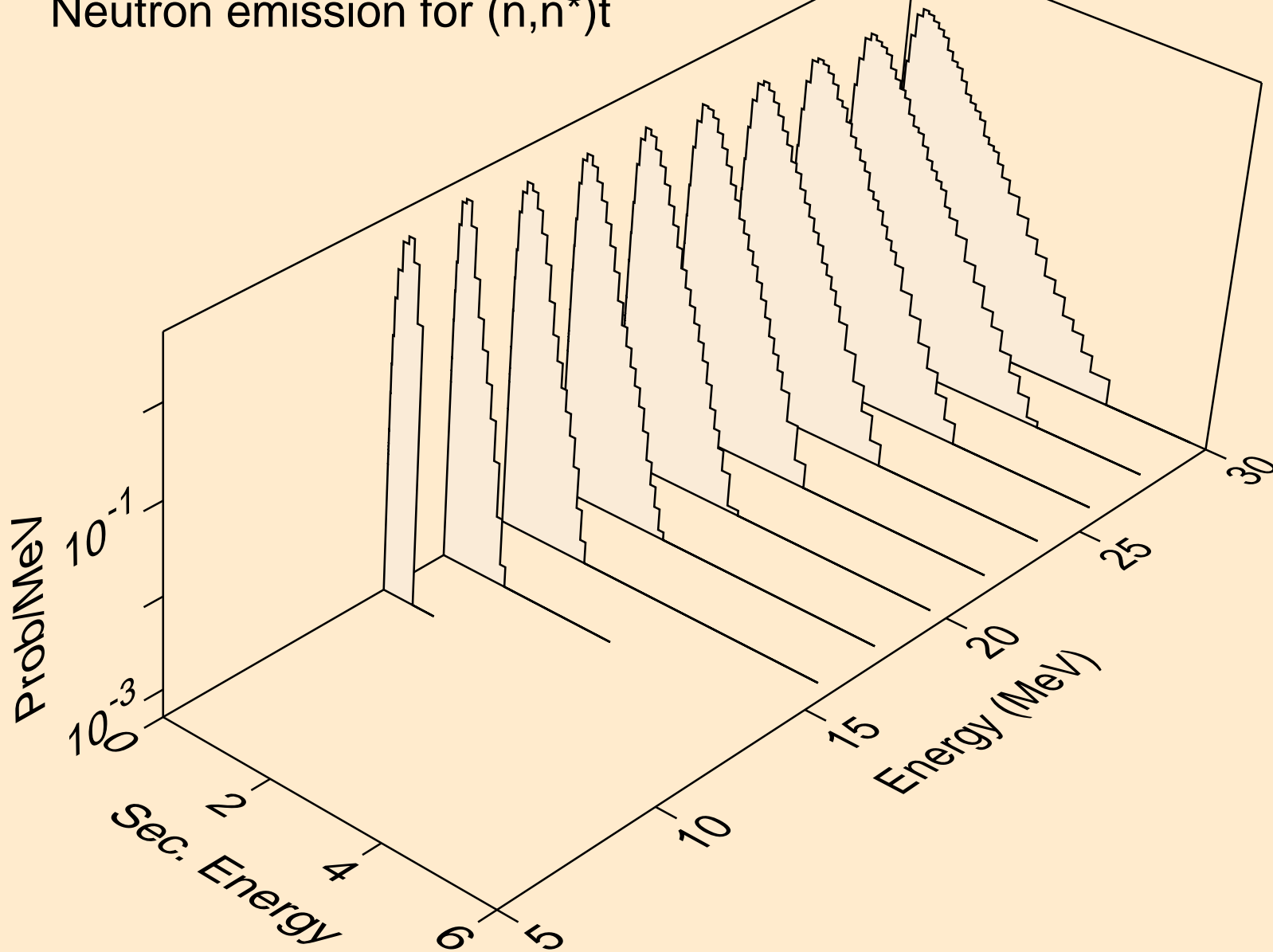
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



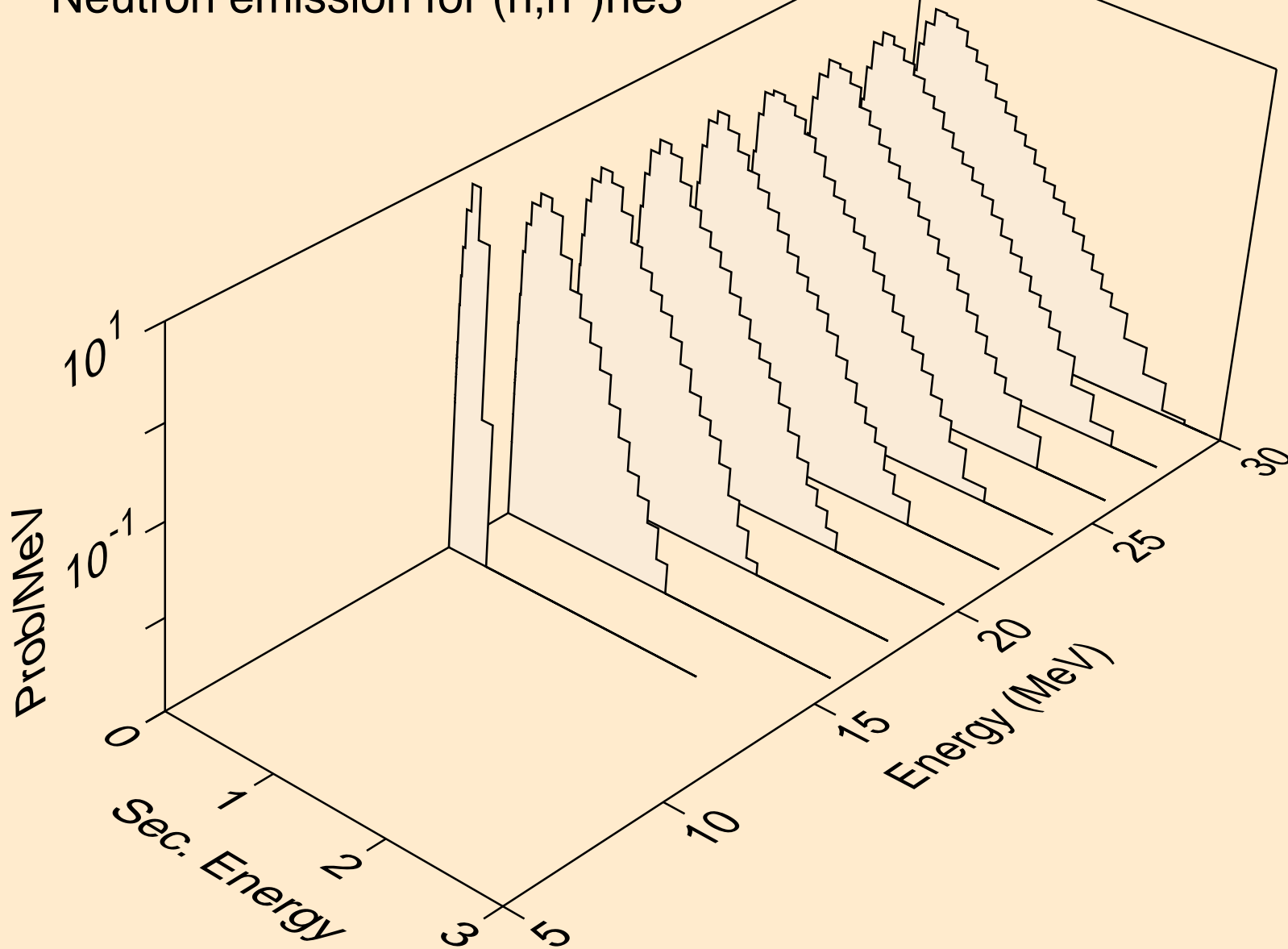
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



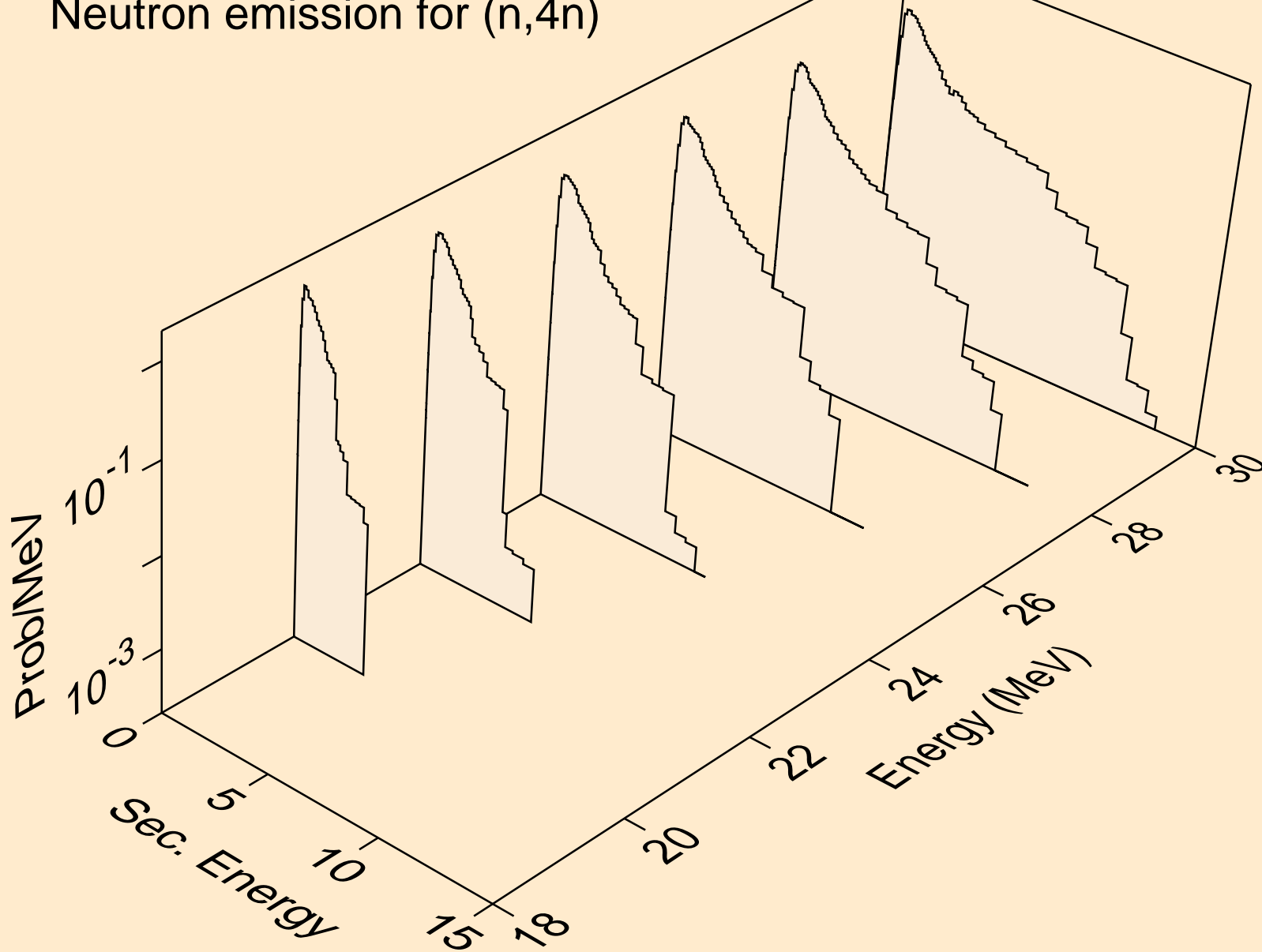
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



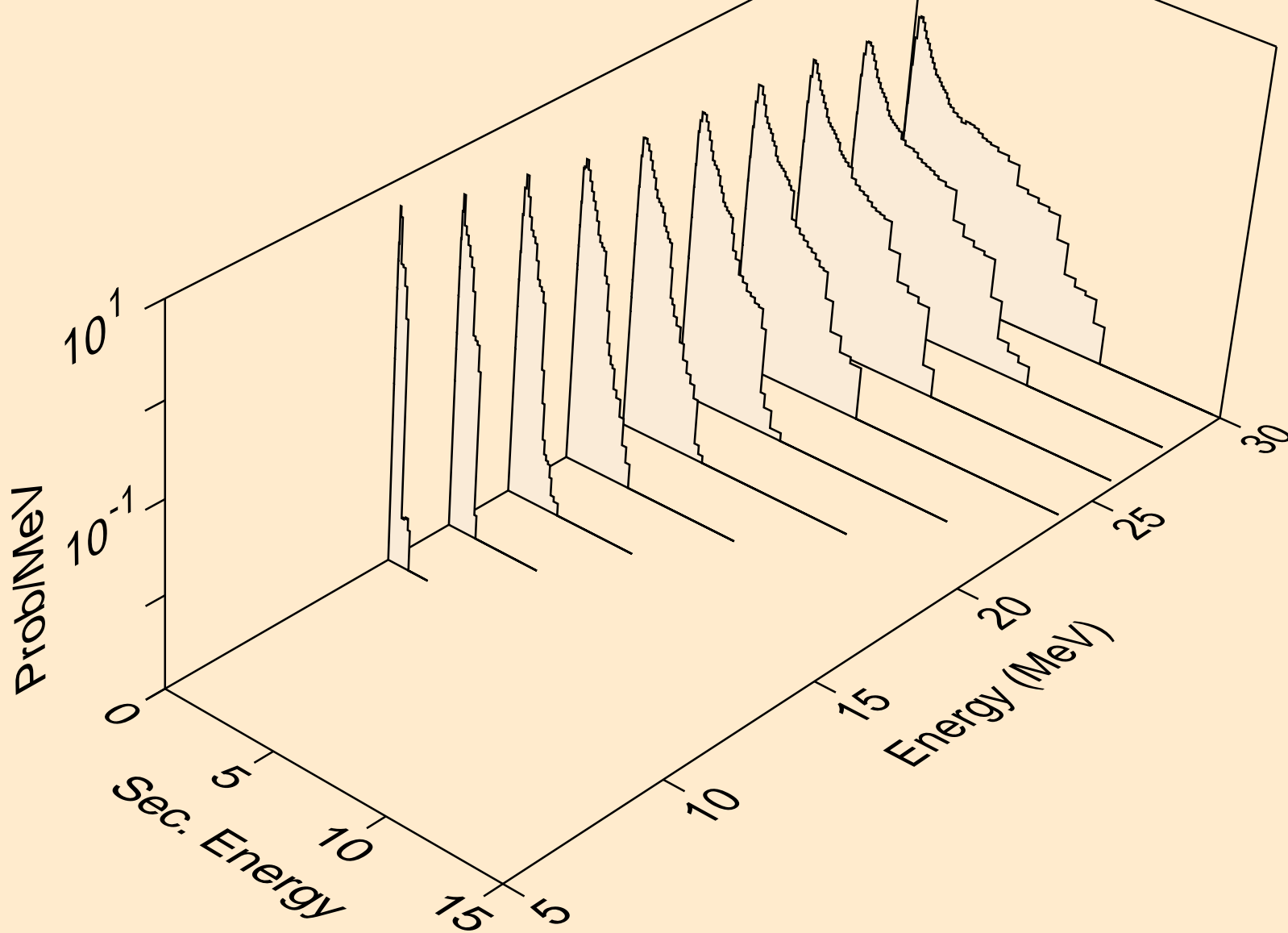
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



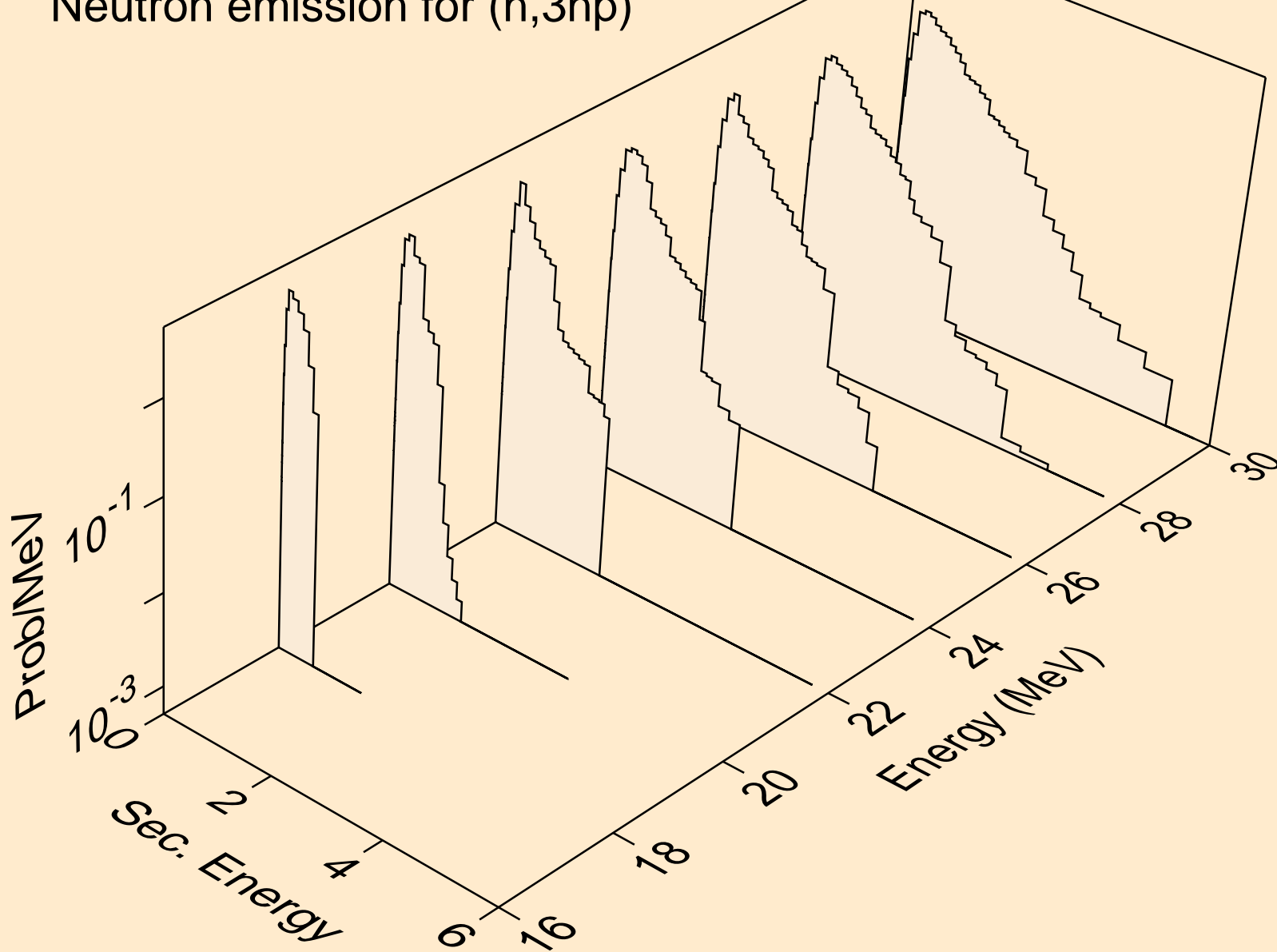
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



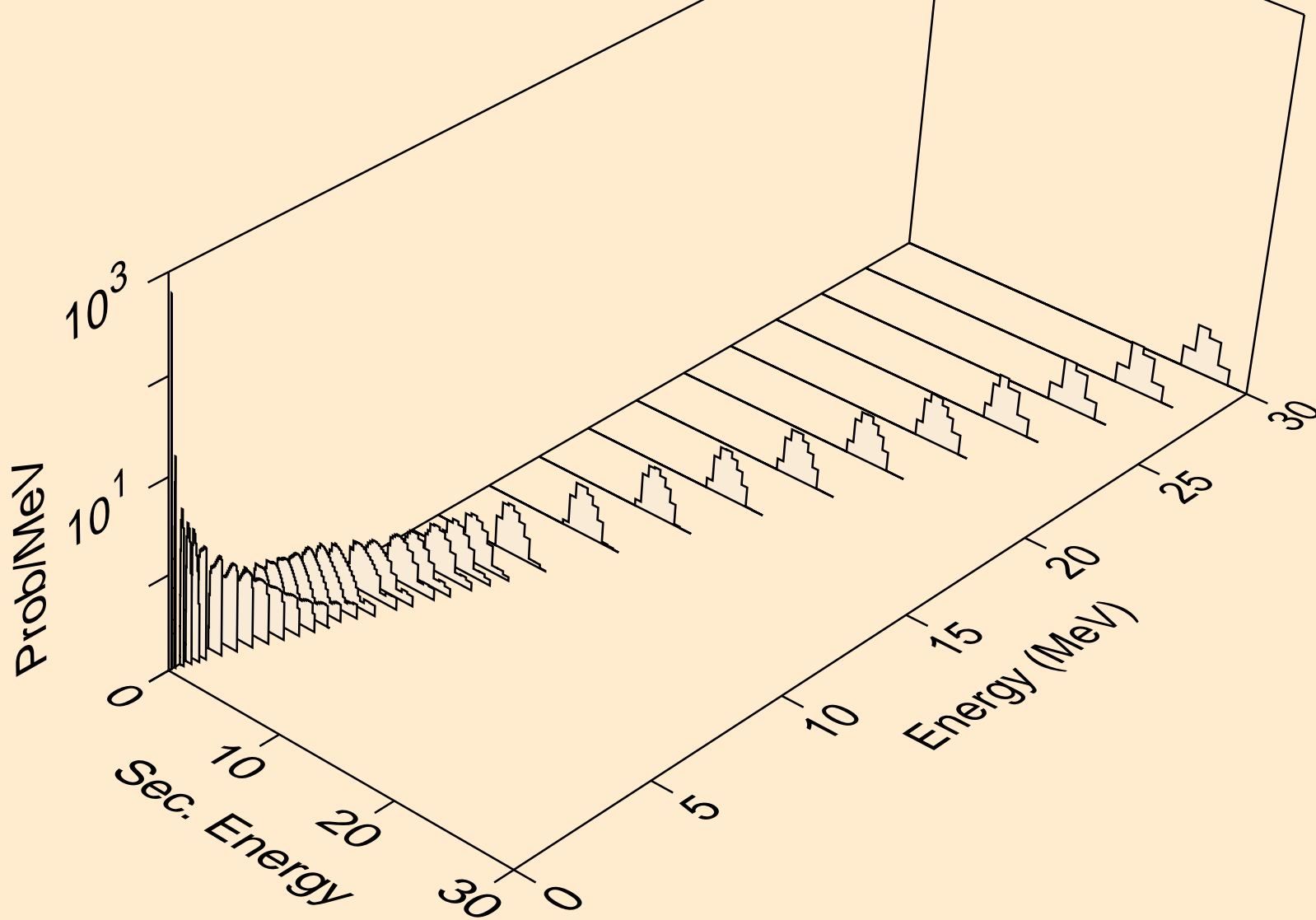
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



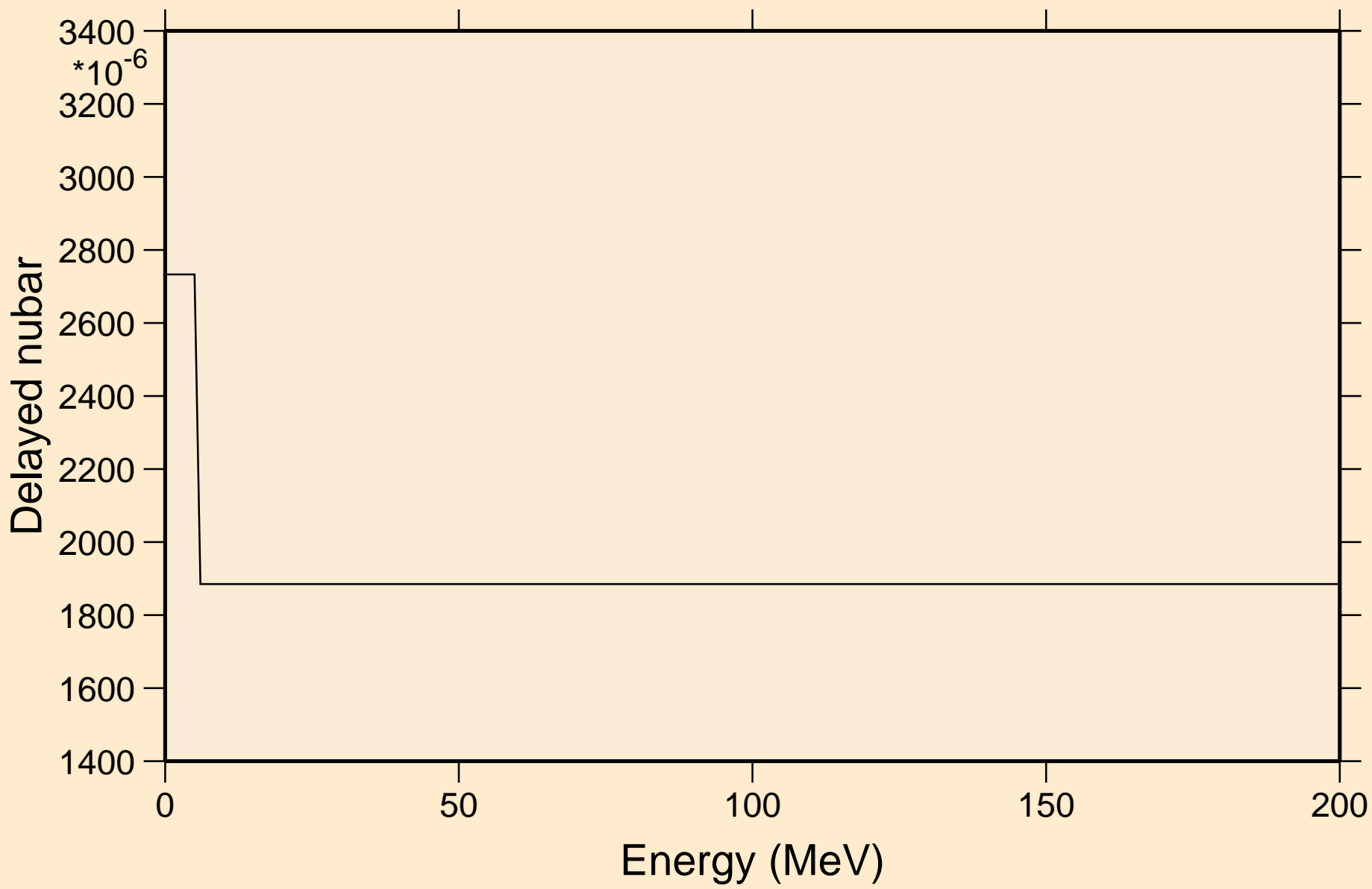
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)





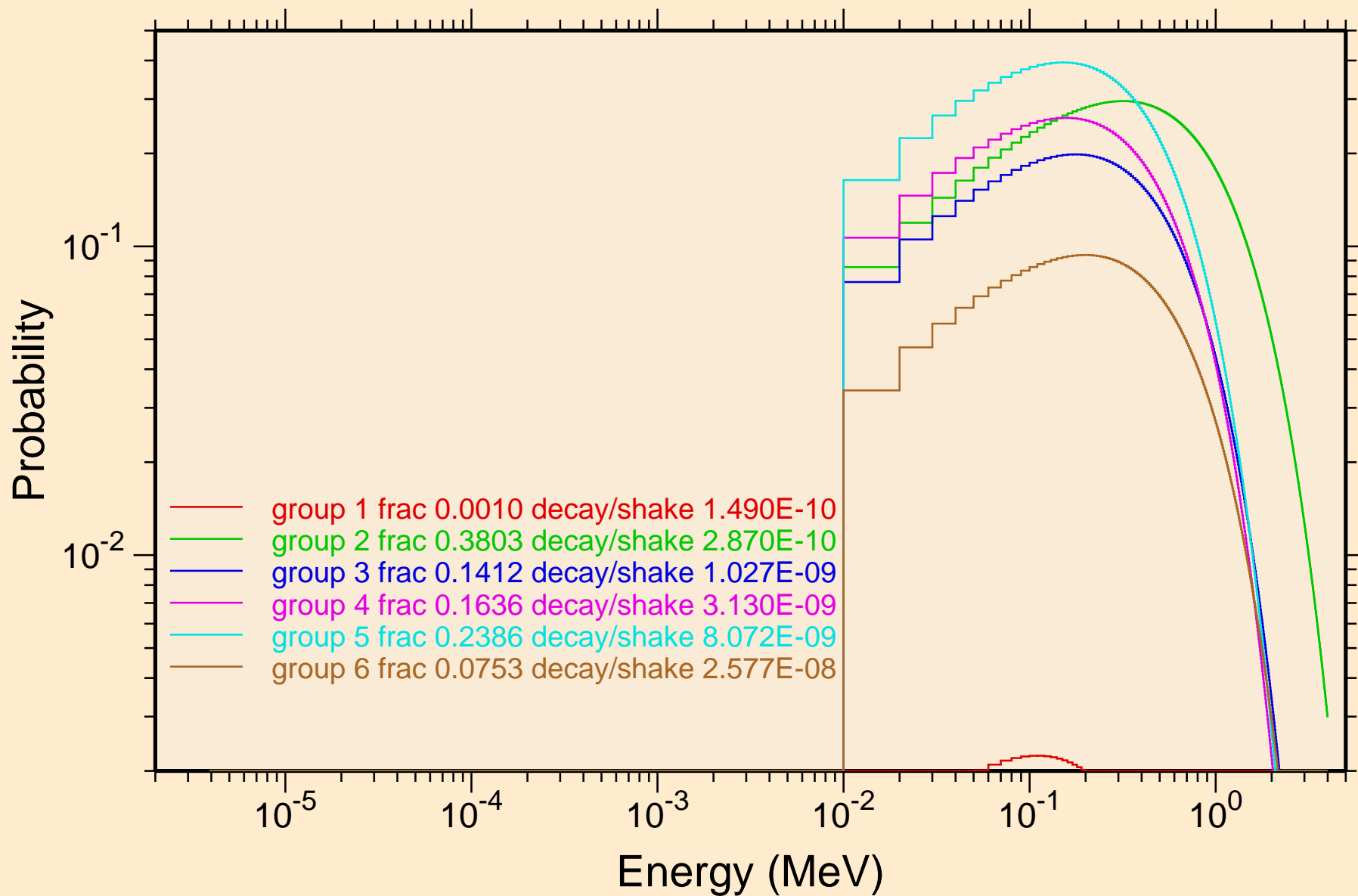
# SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Delayed nubar

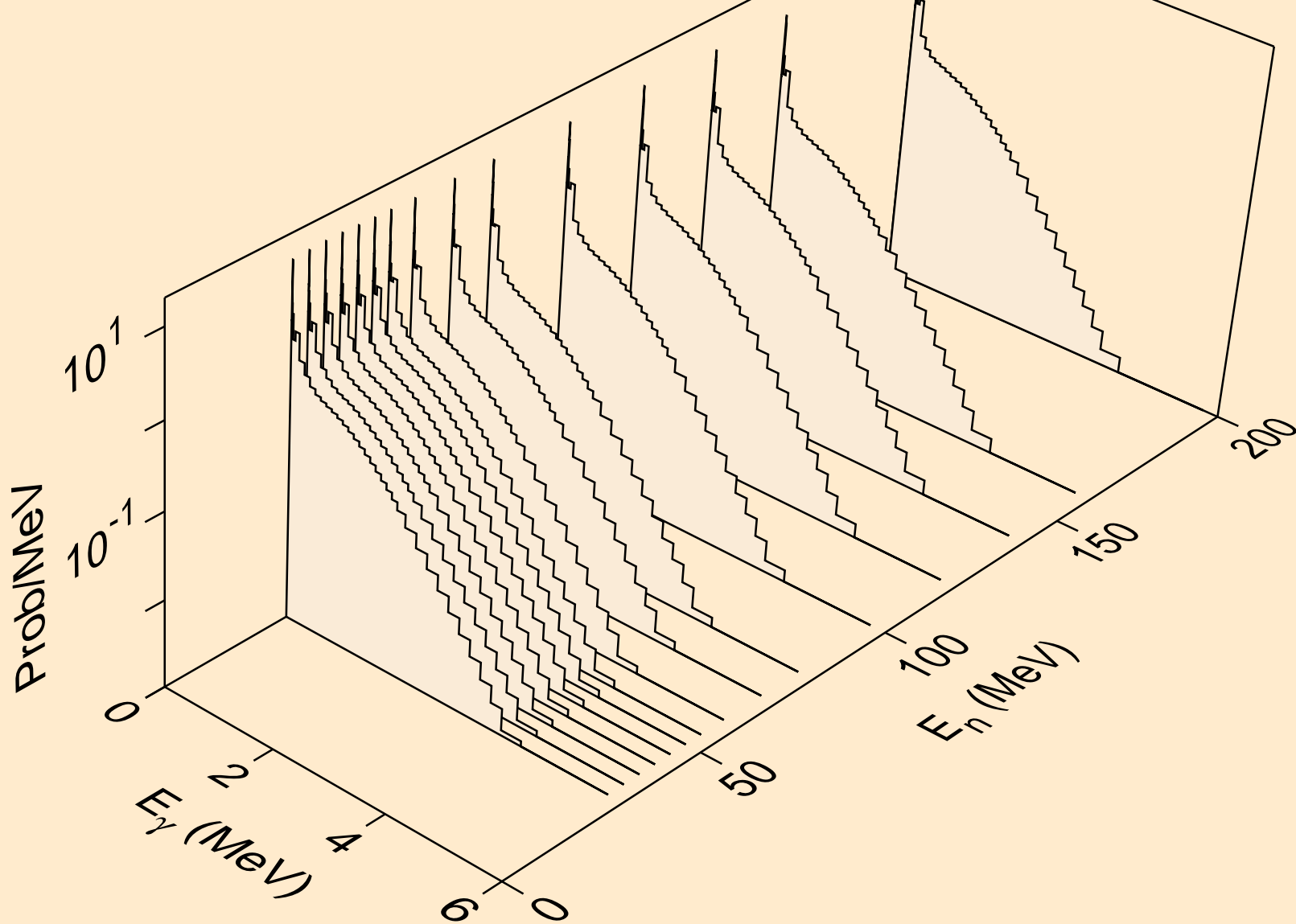


# SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

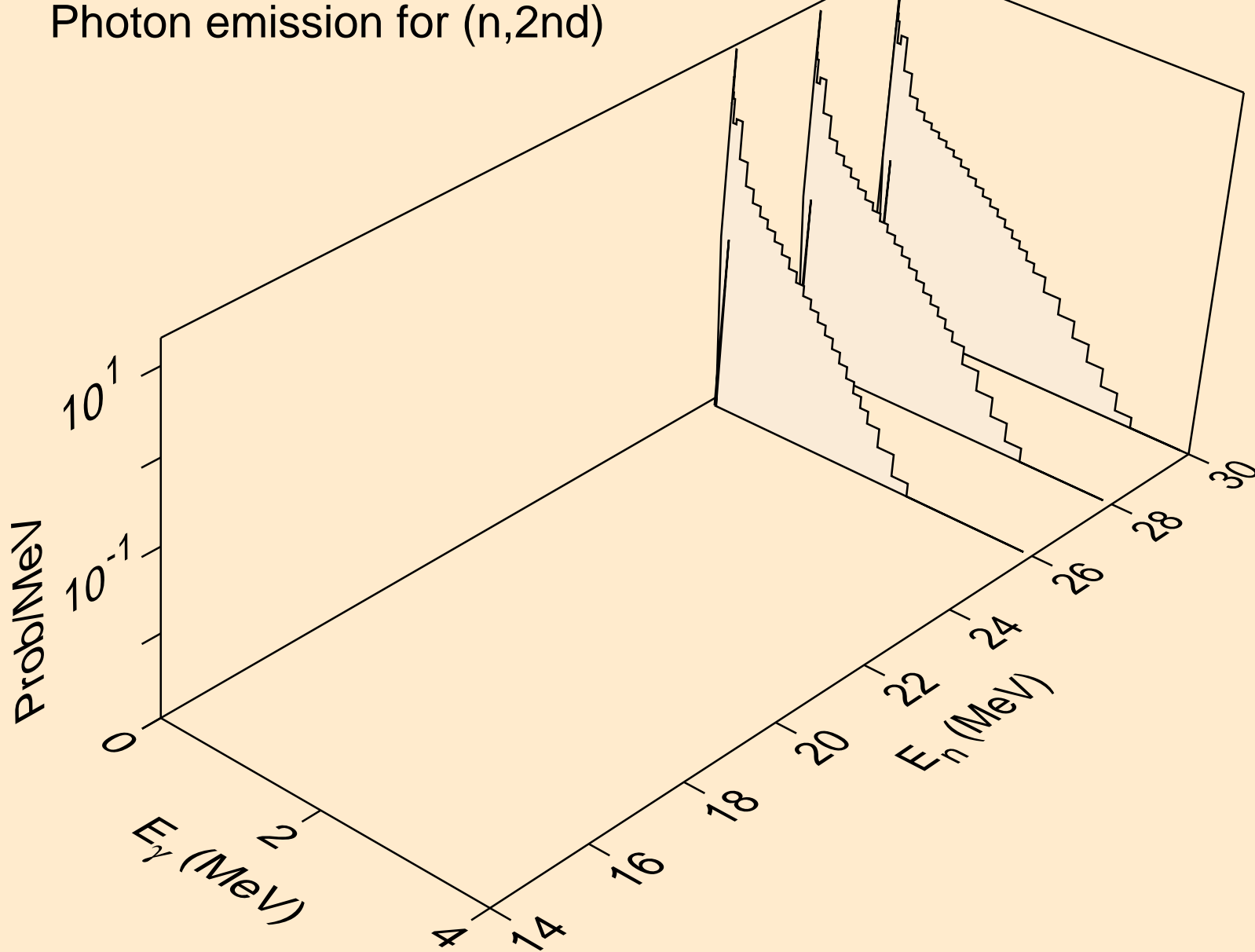
## Delayed neutron spectra



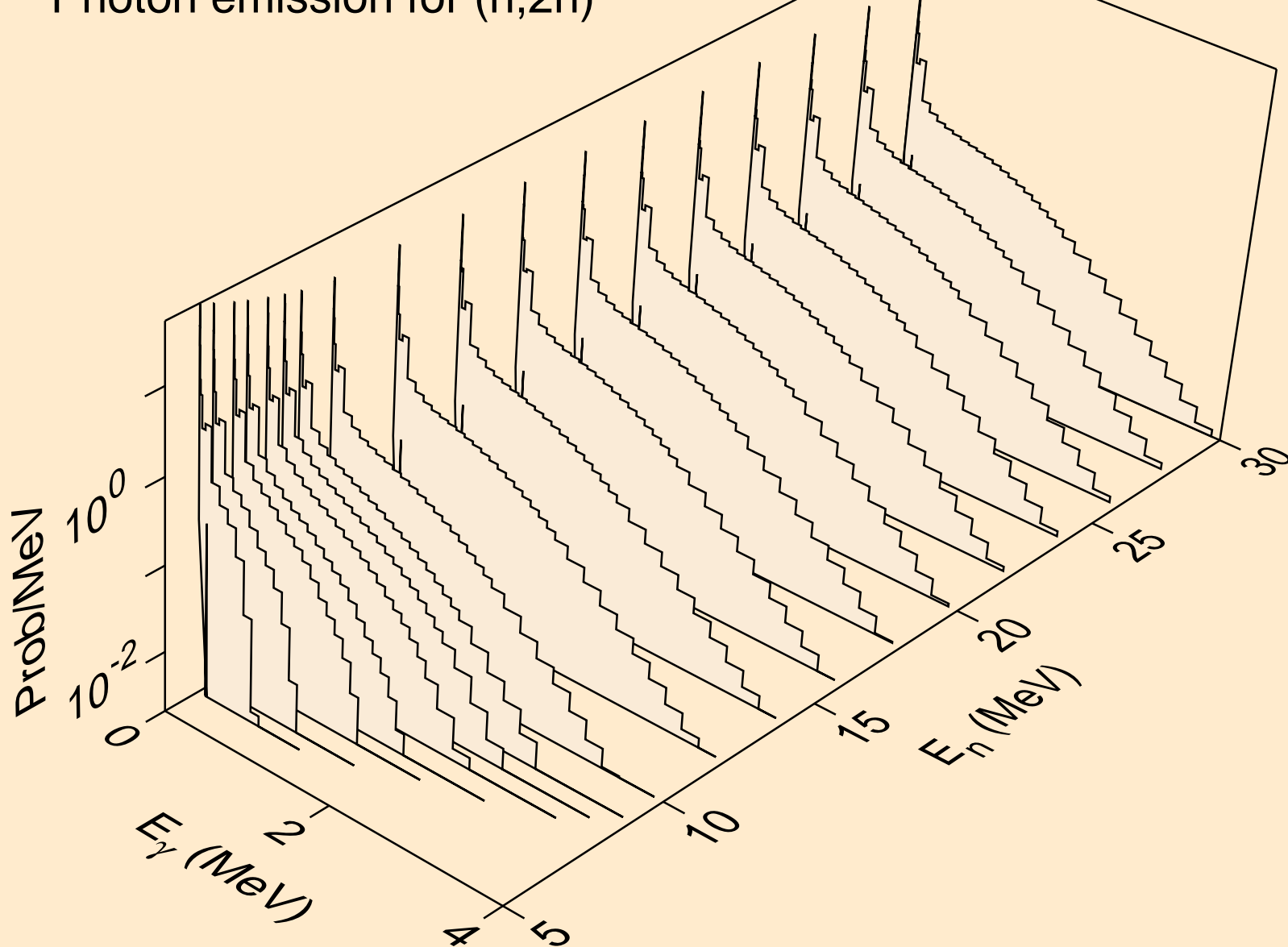
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



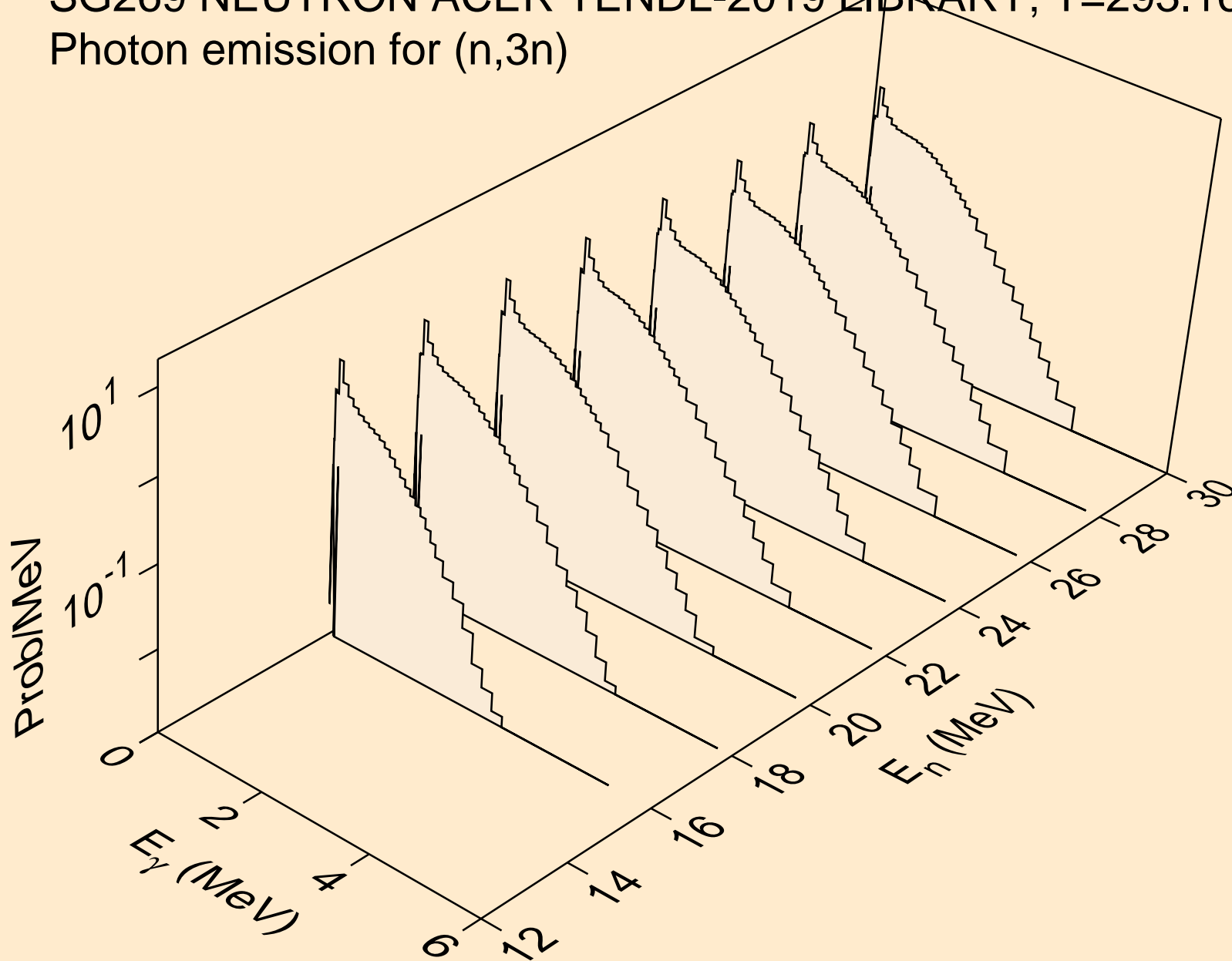
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



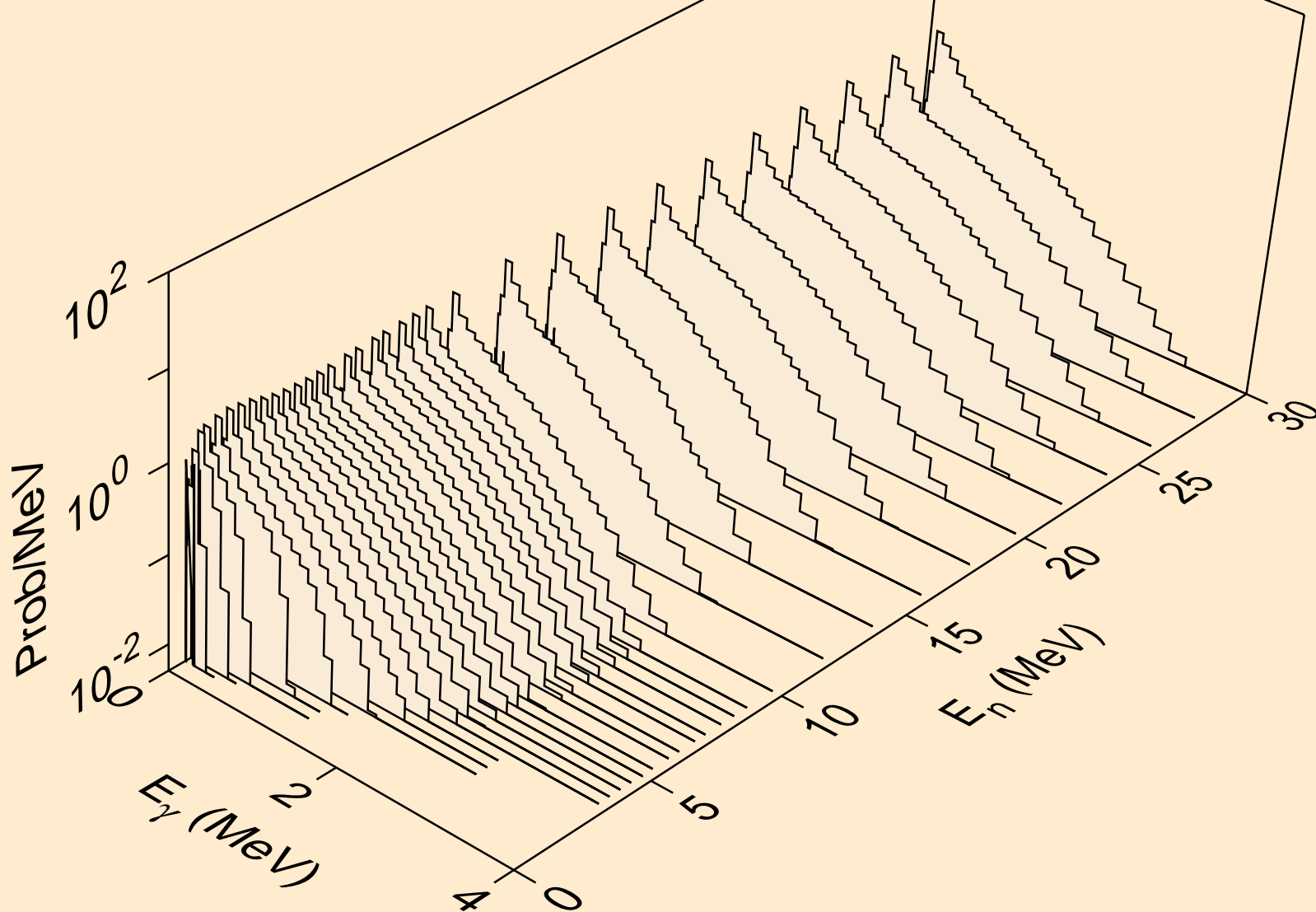
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



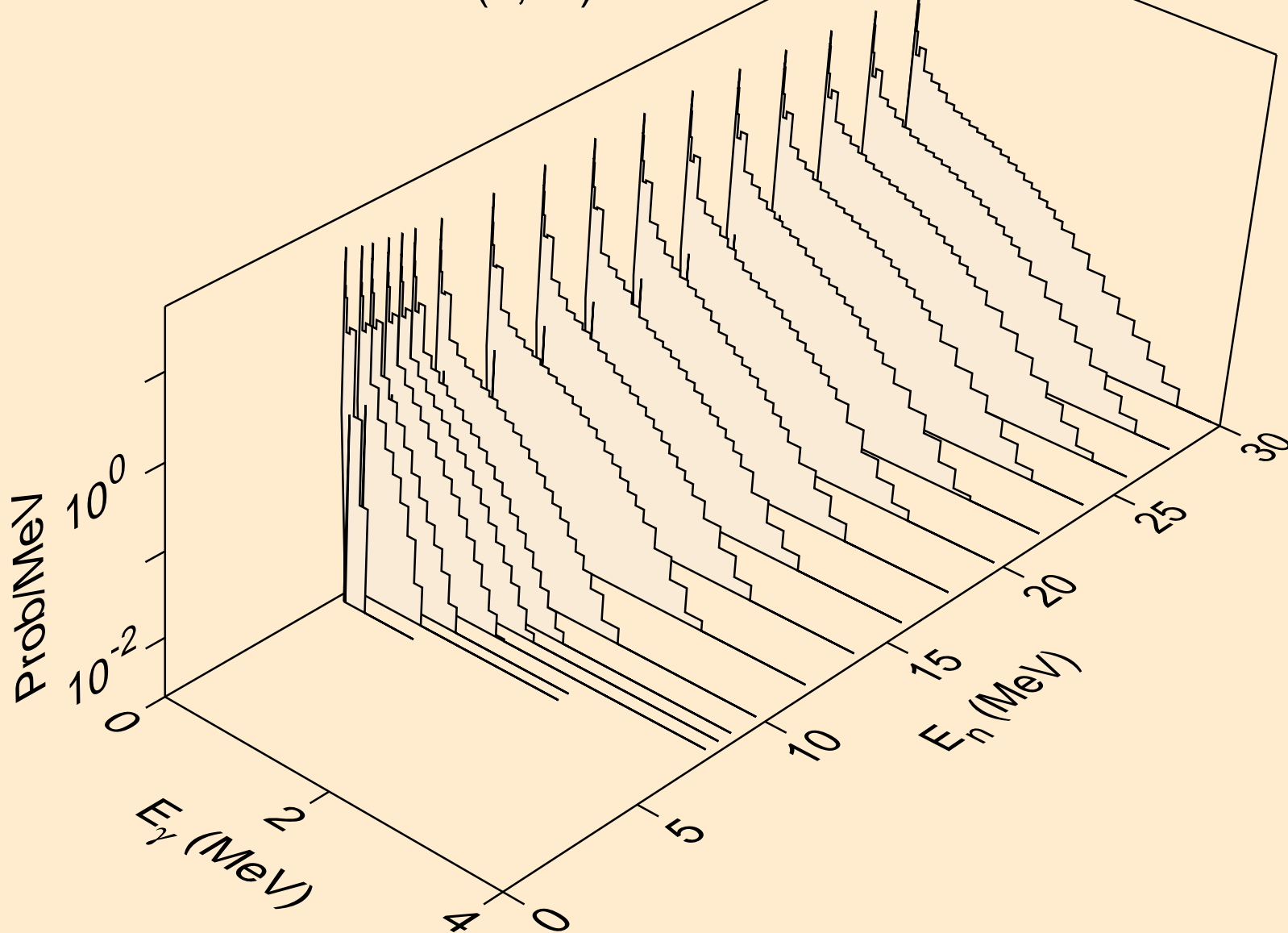
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

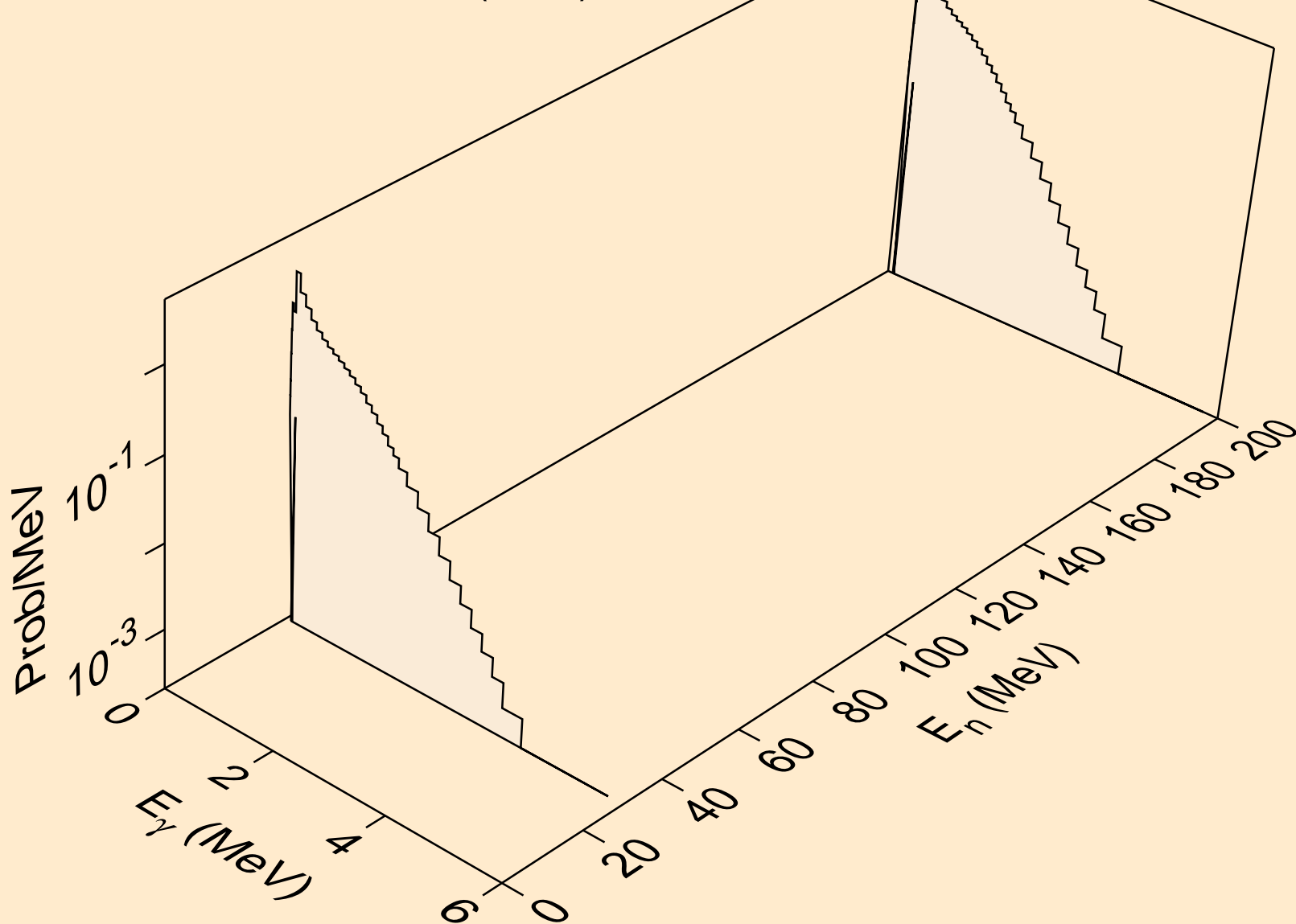


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a

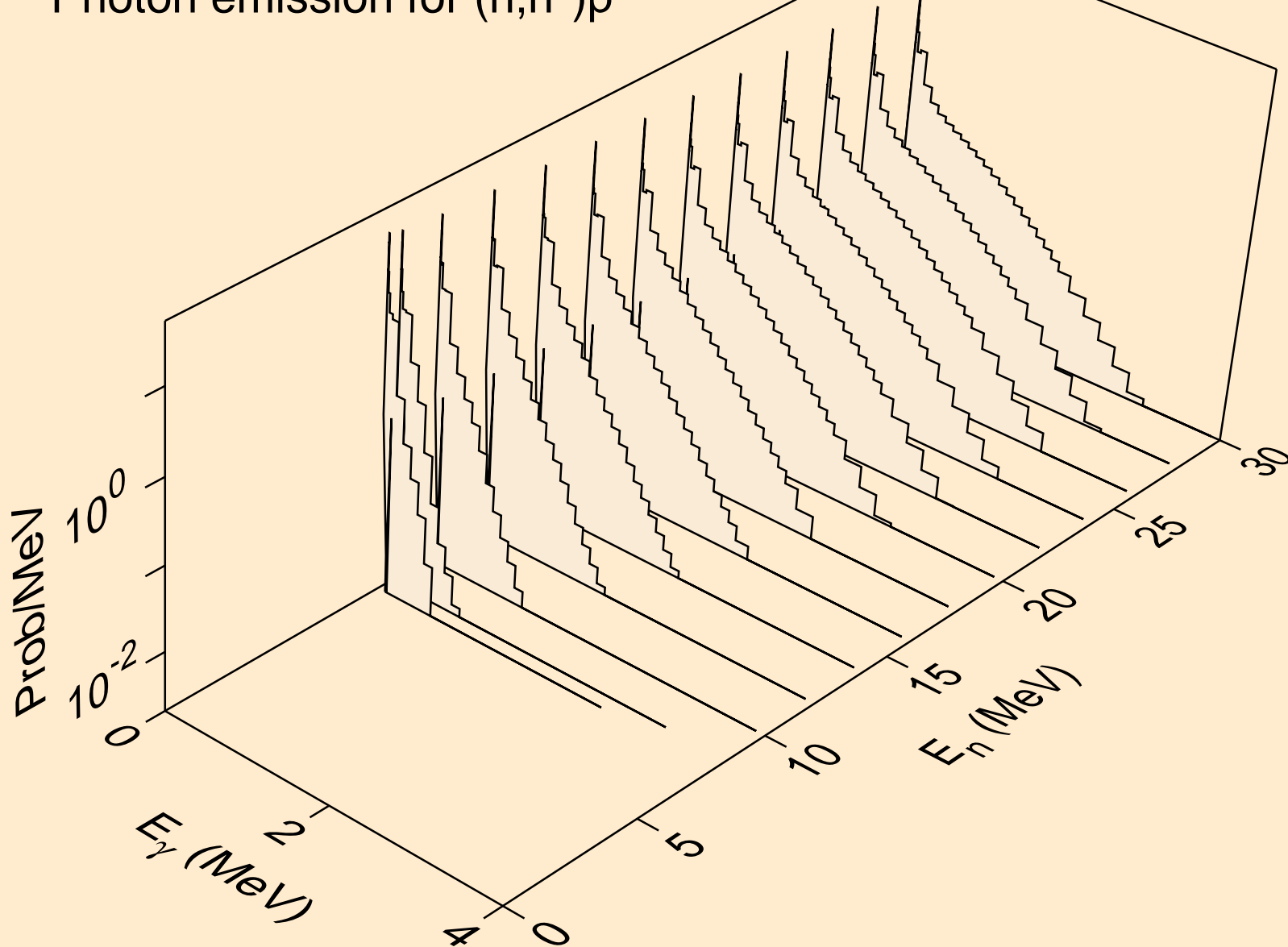




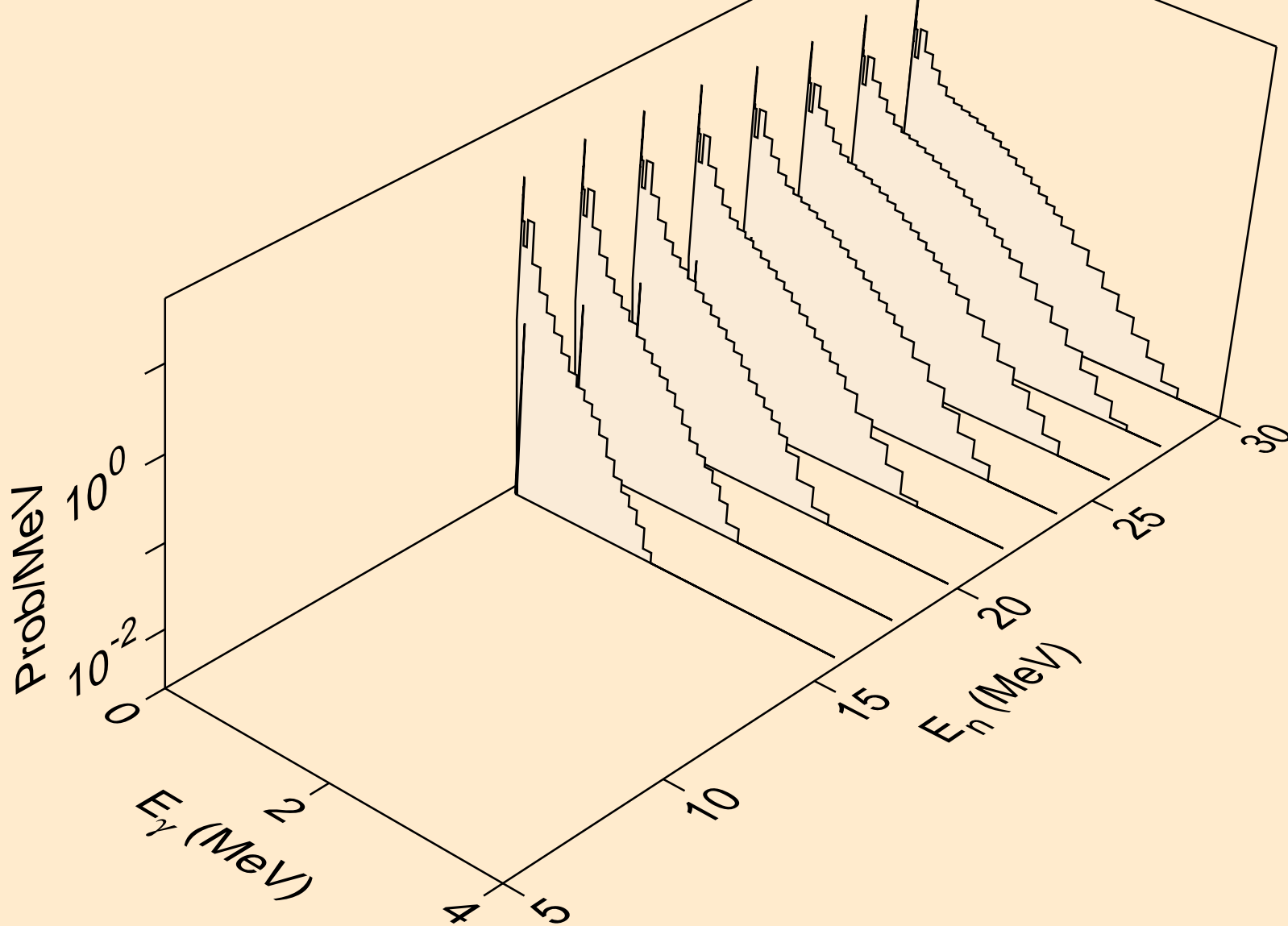
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



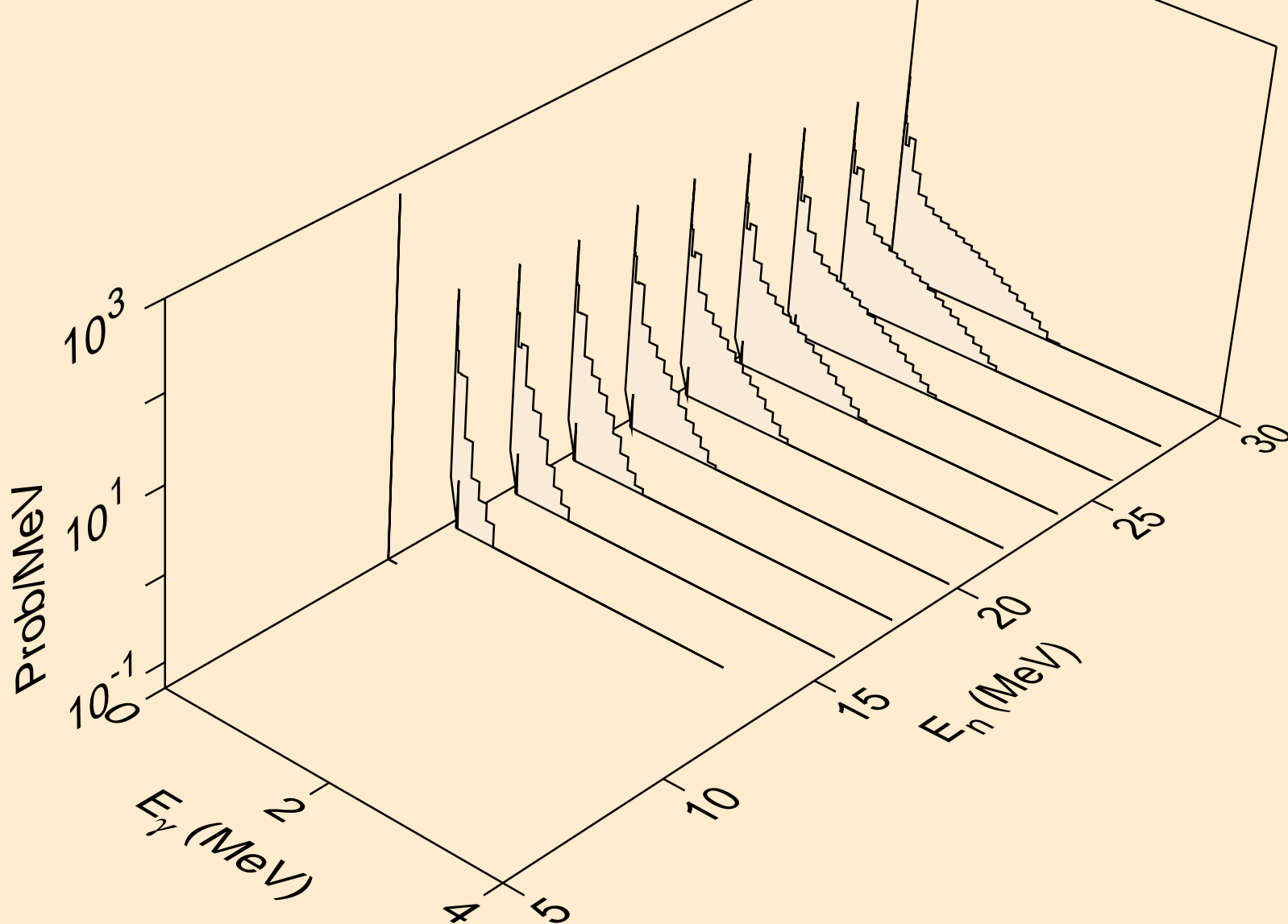
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



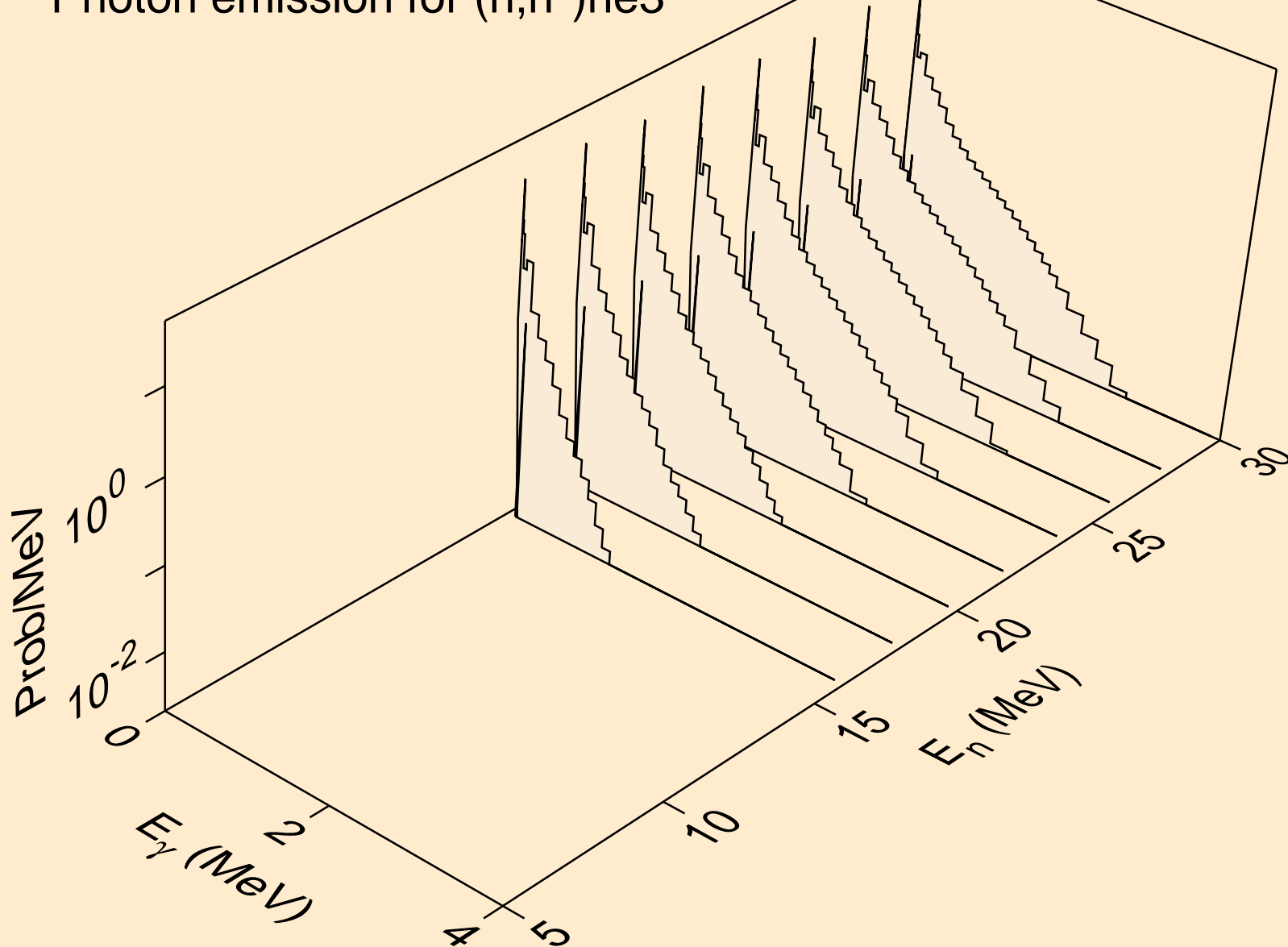
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



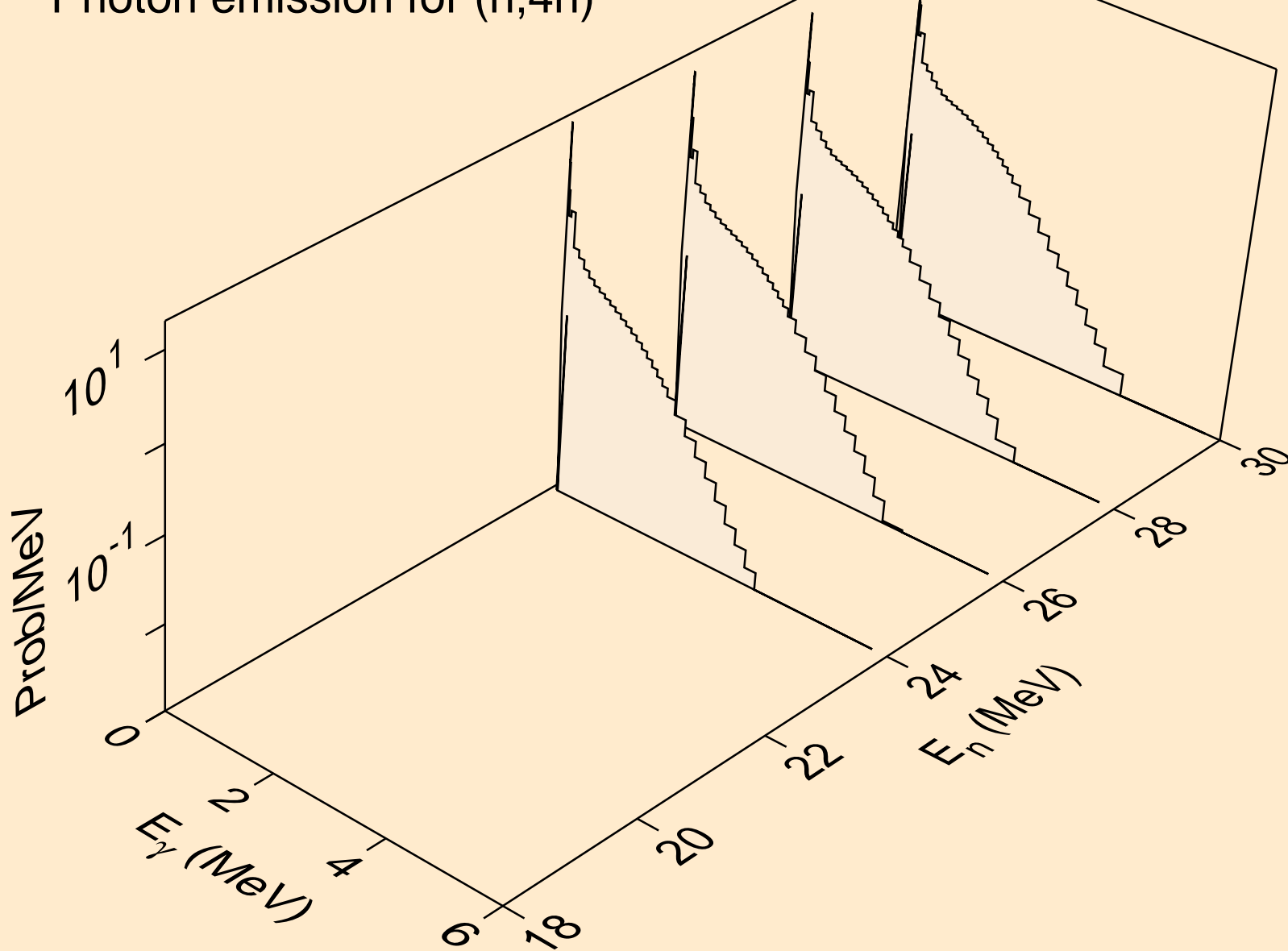
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



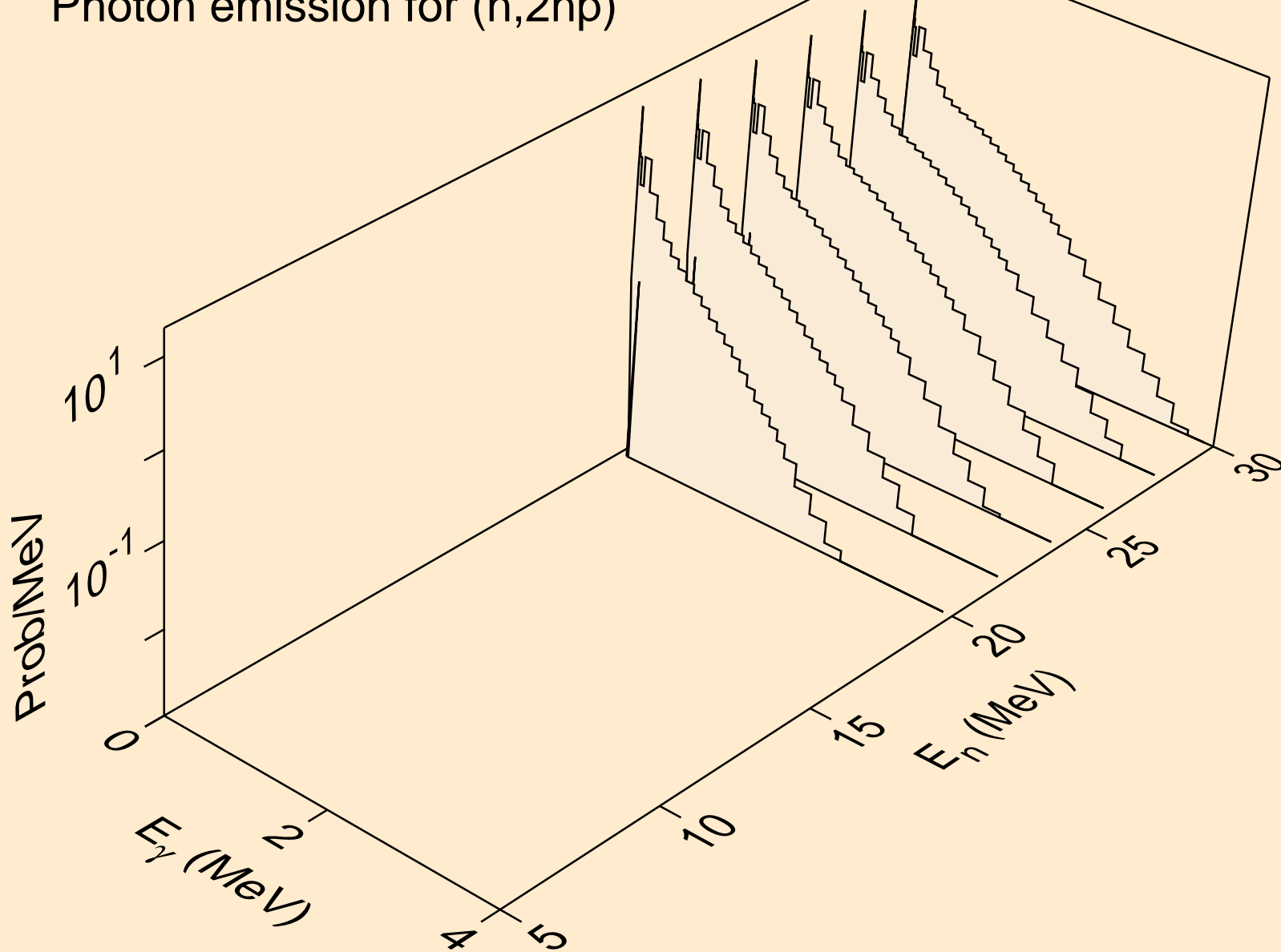
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



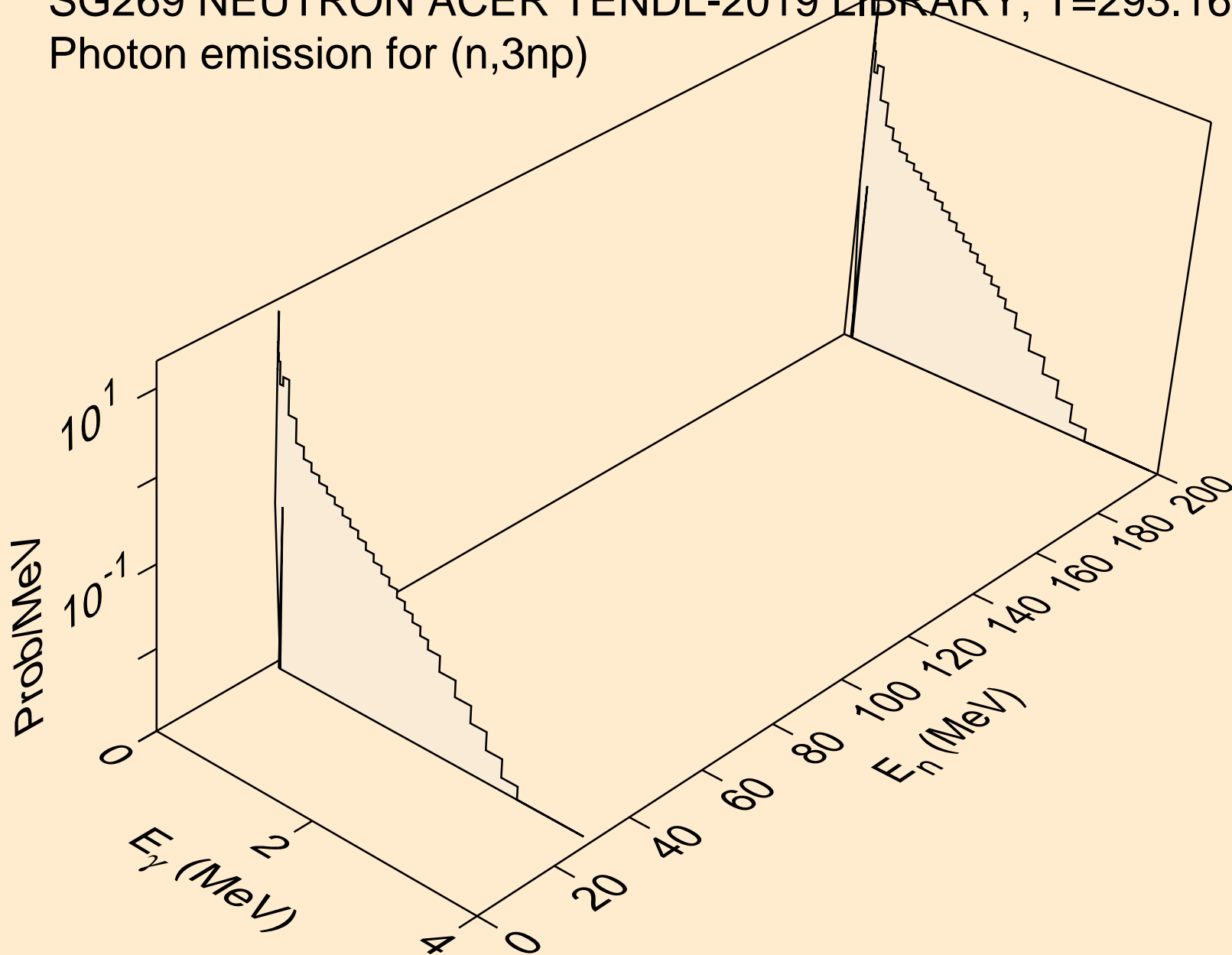
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

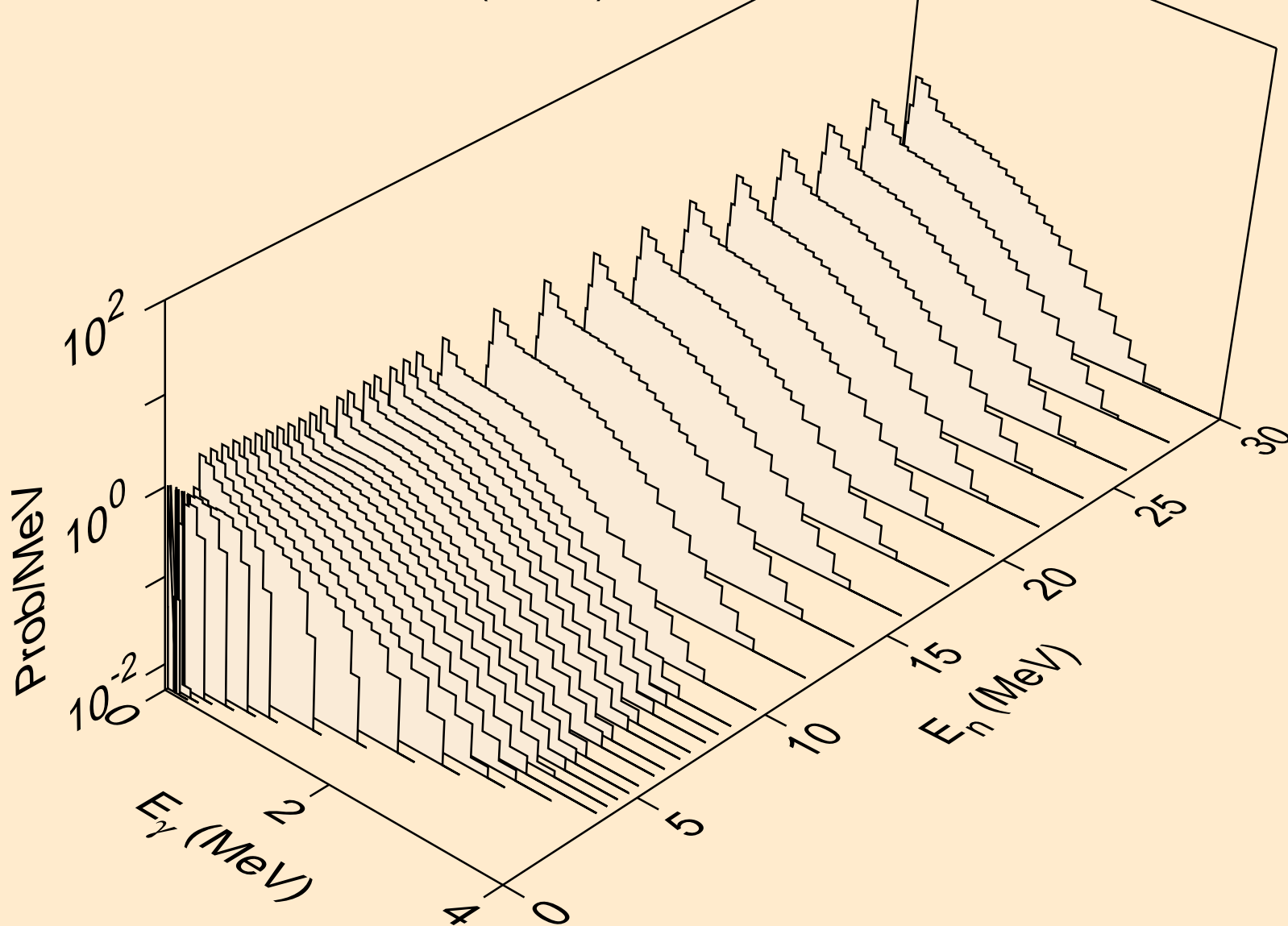


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

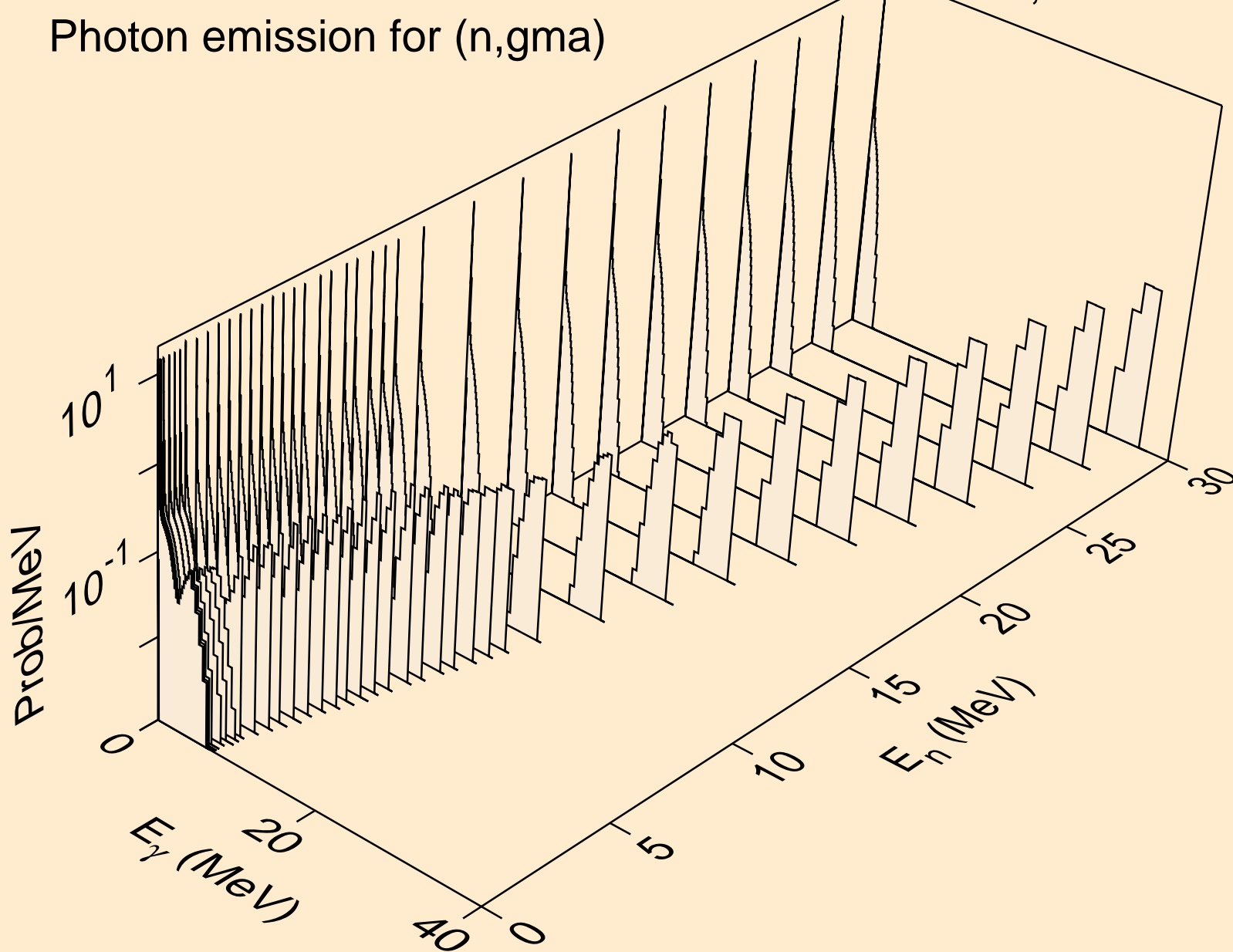




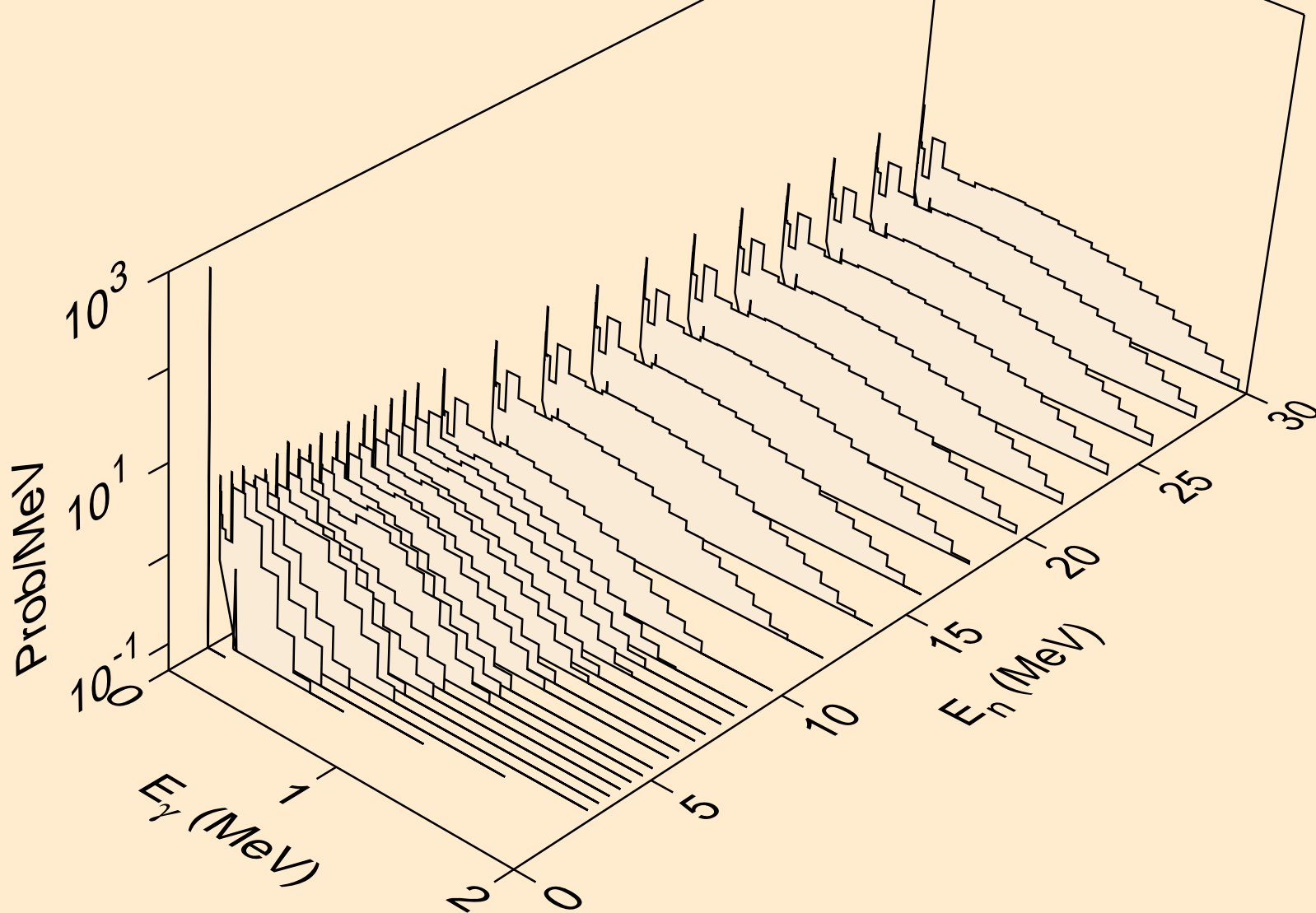
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



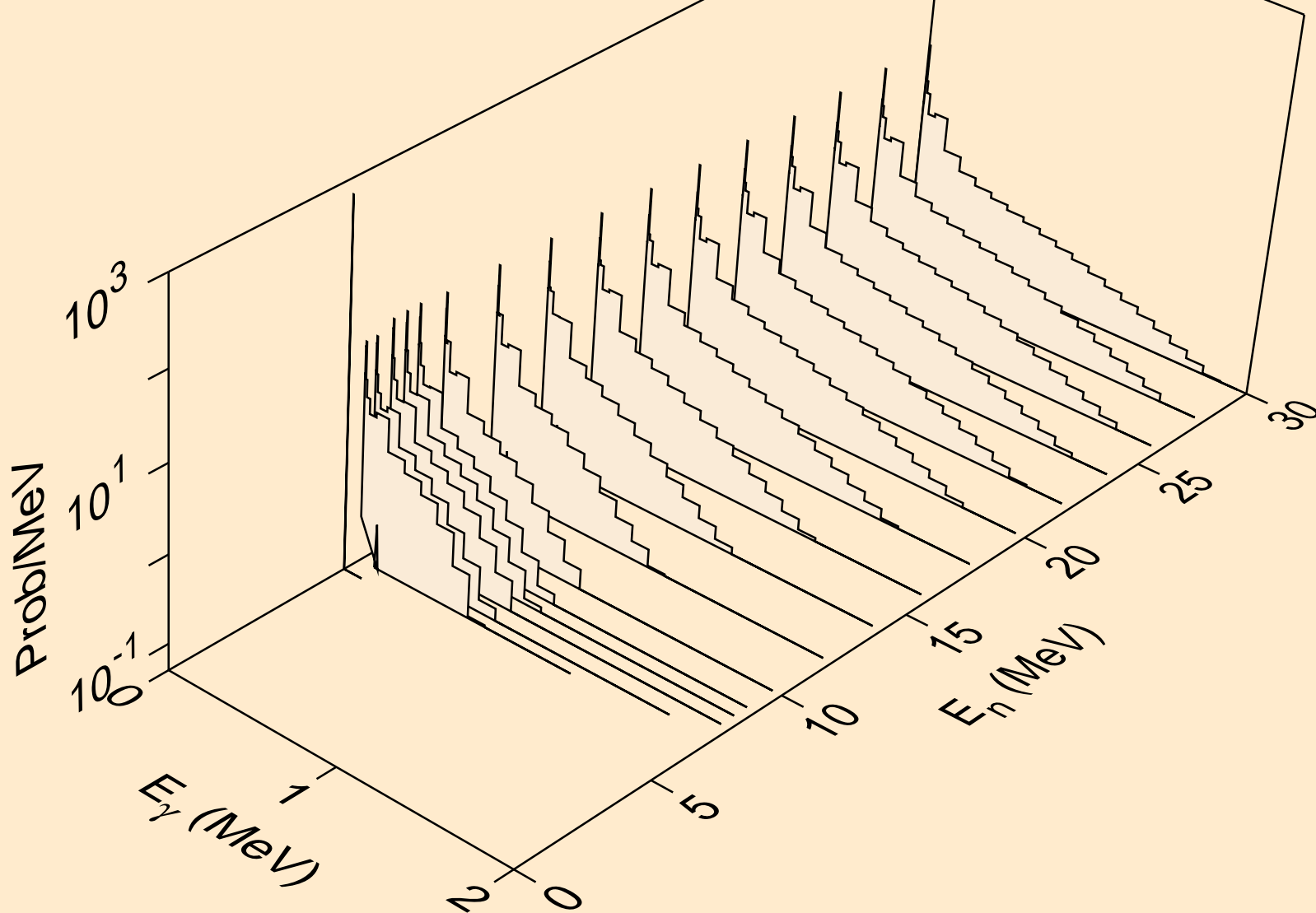
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



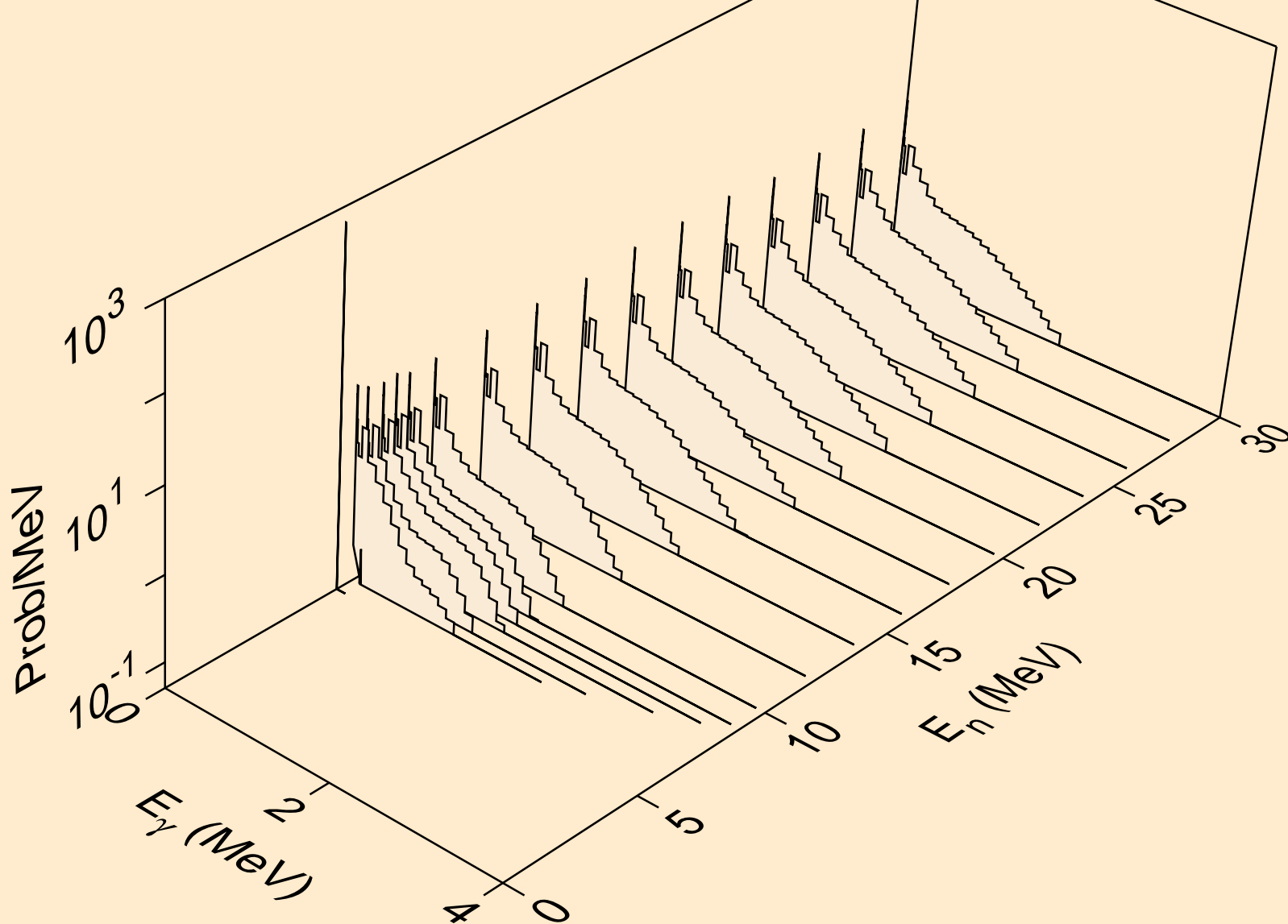
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



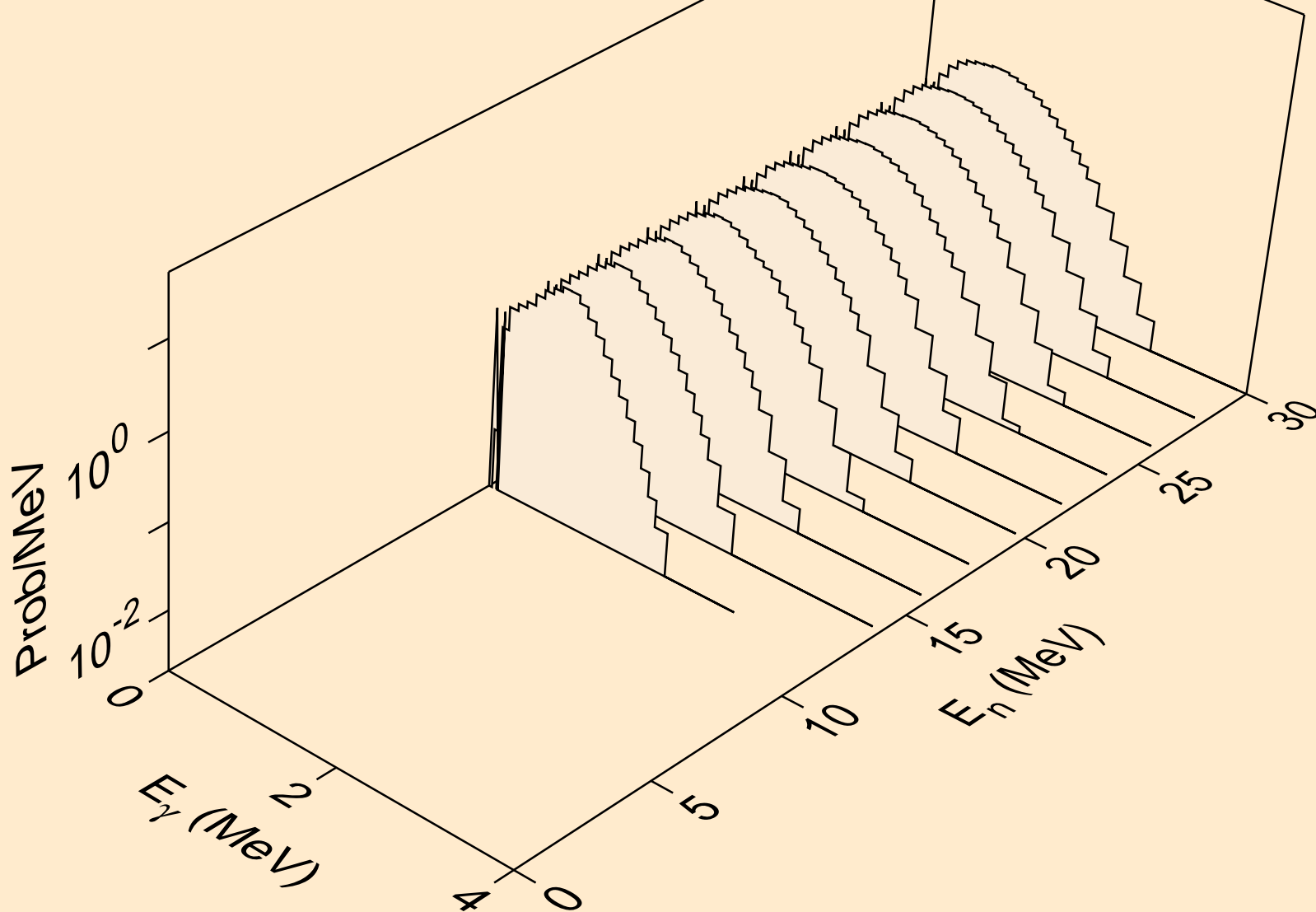
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



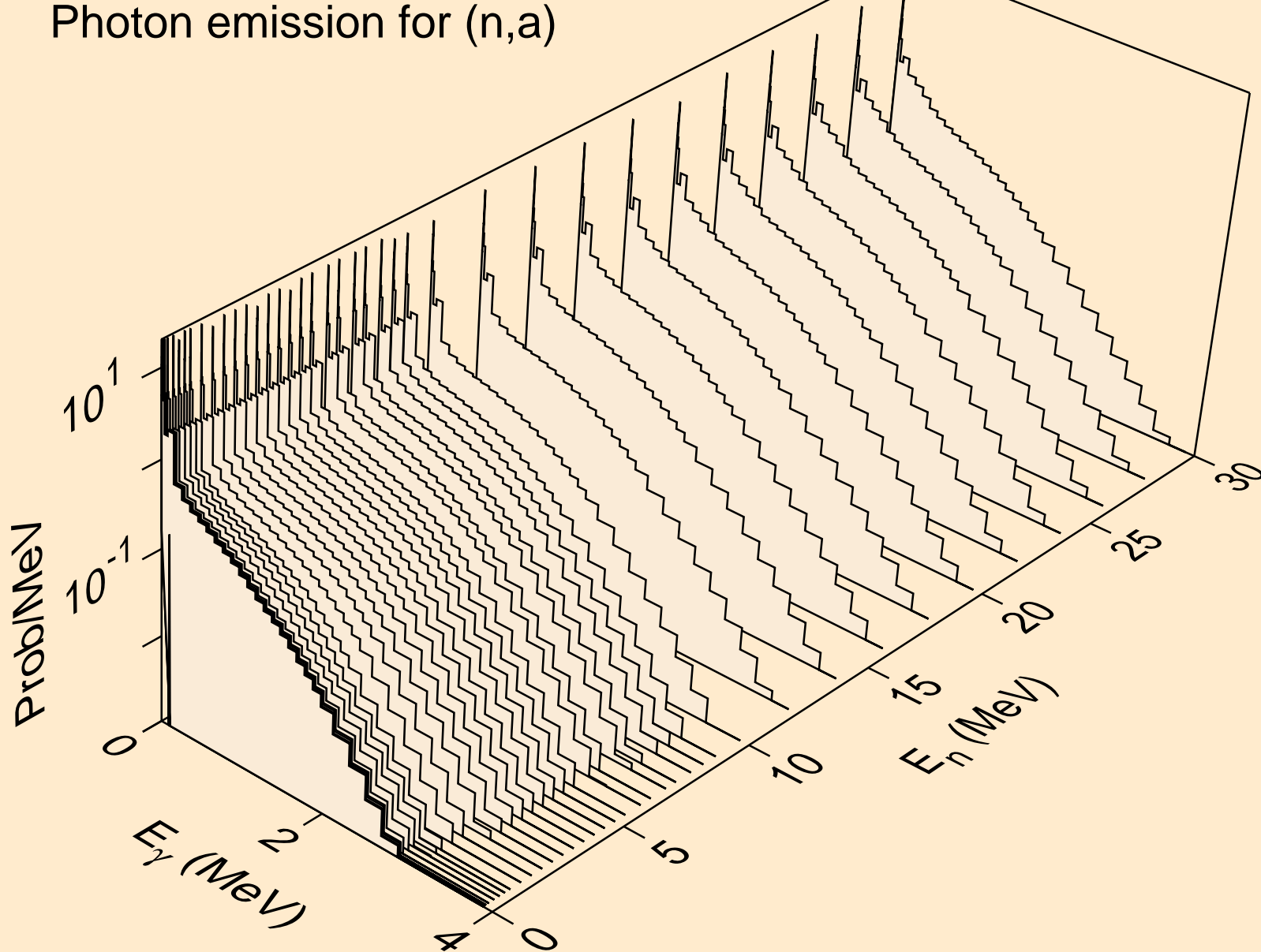
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



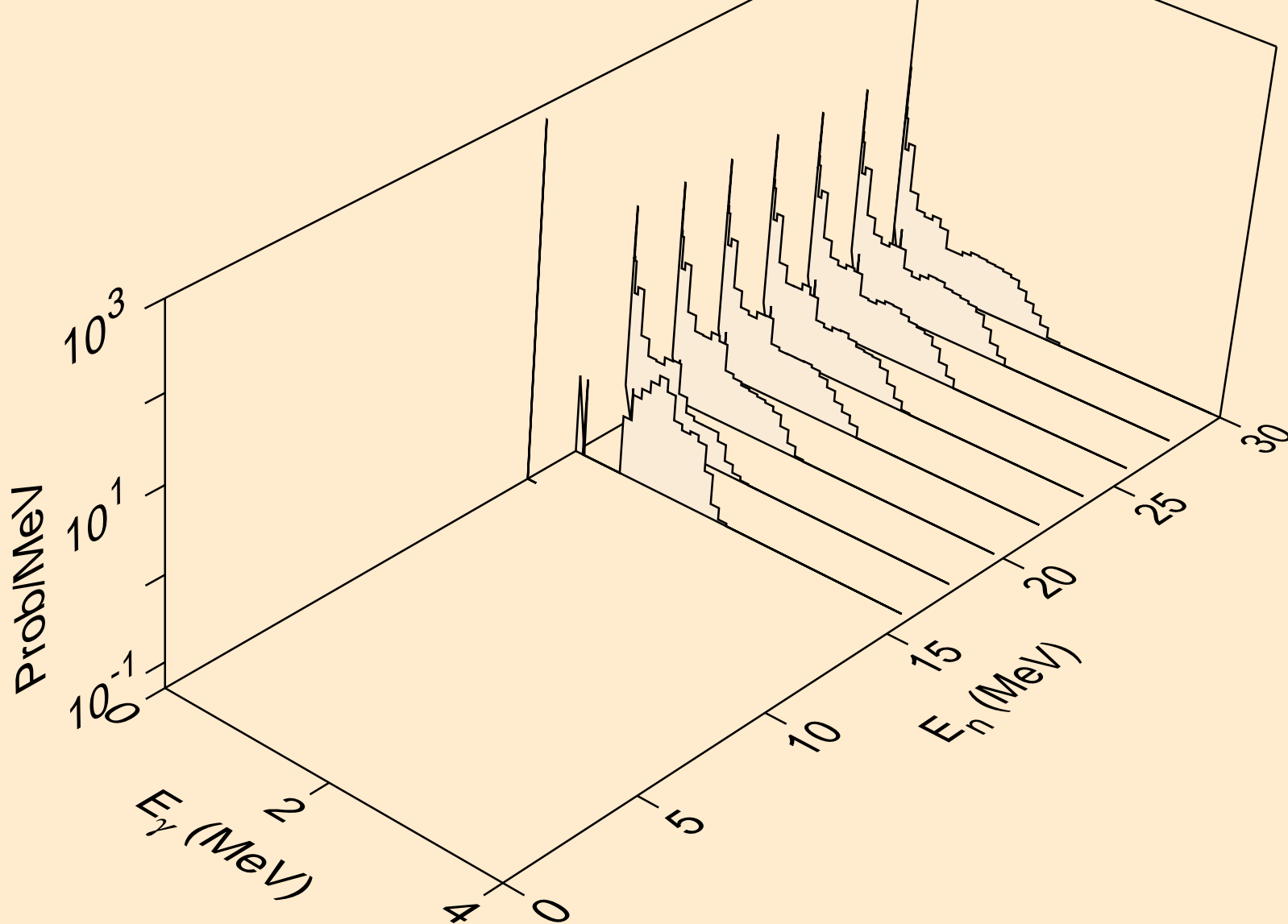
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)

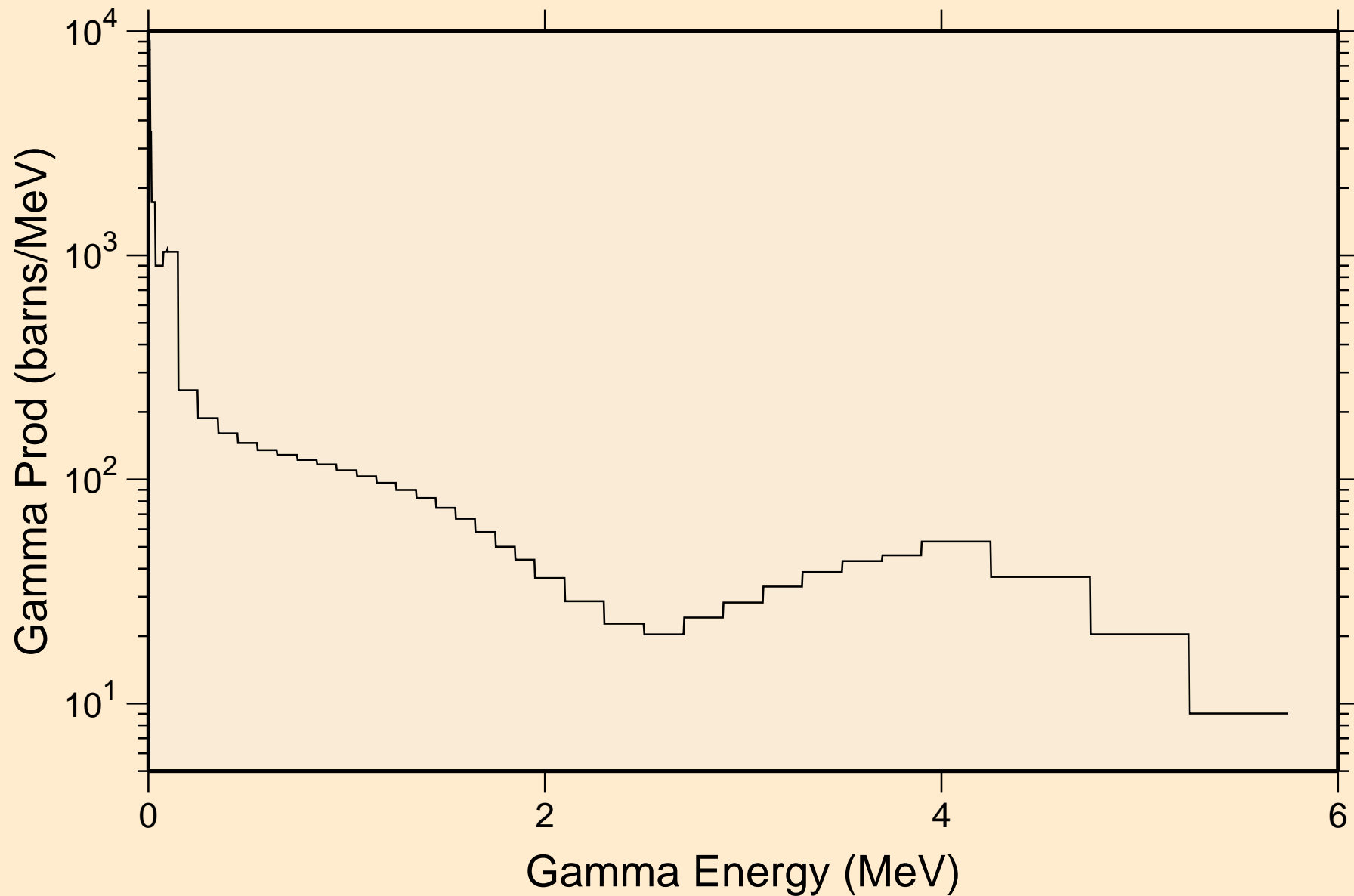


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)

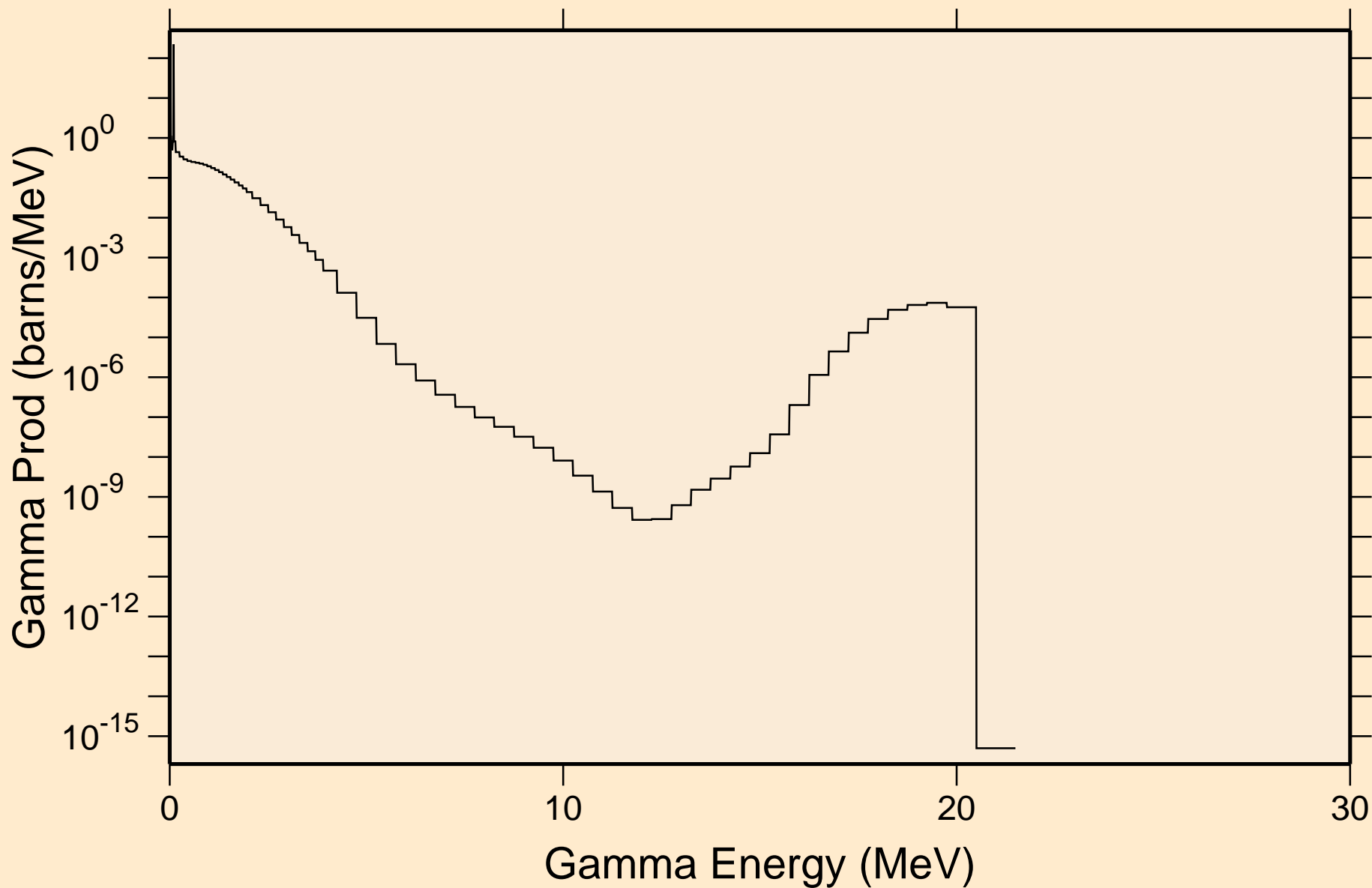




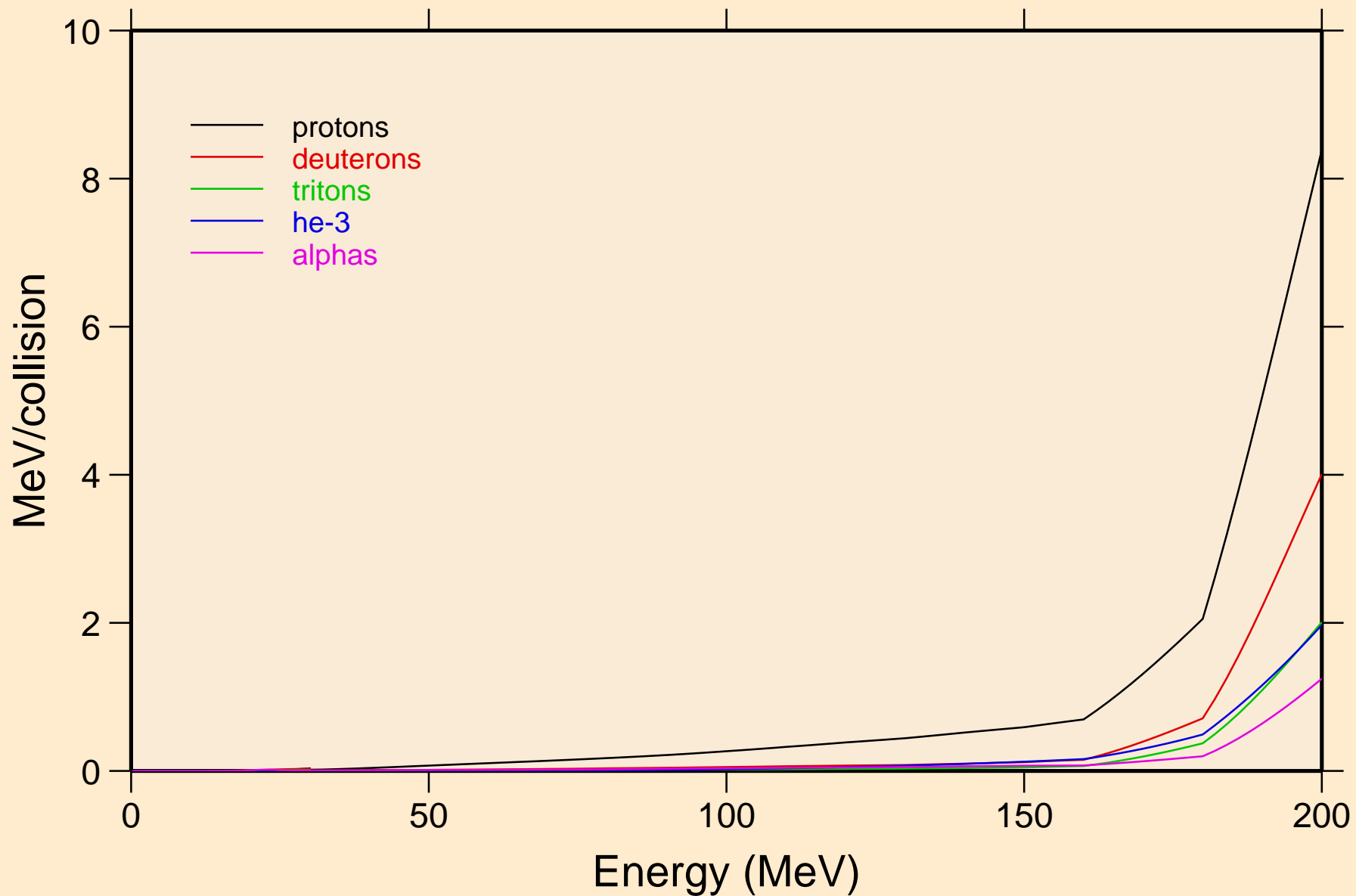
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



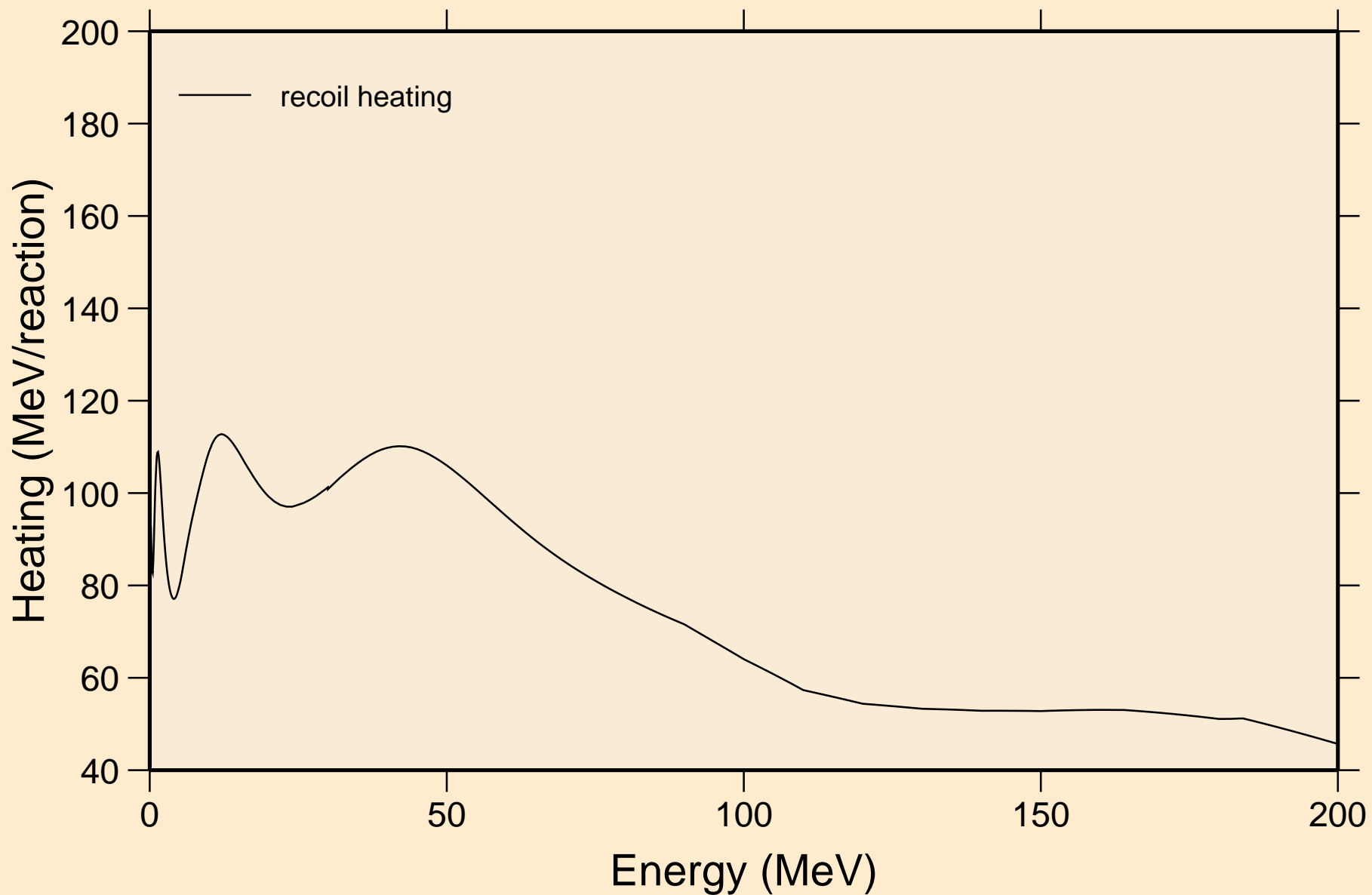
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions

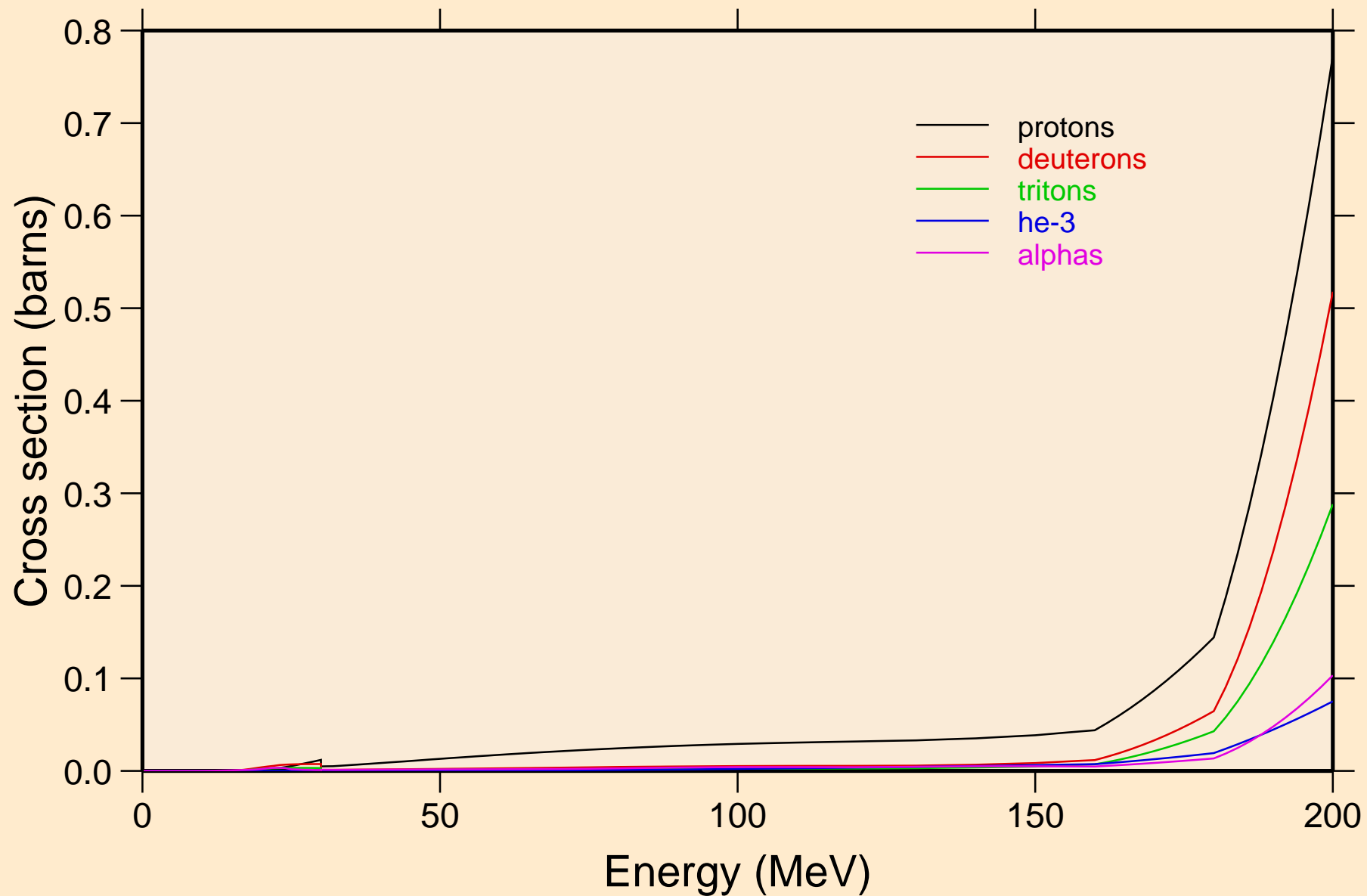


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

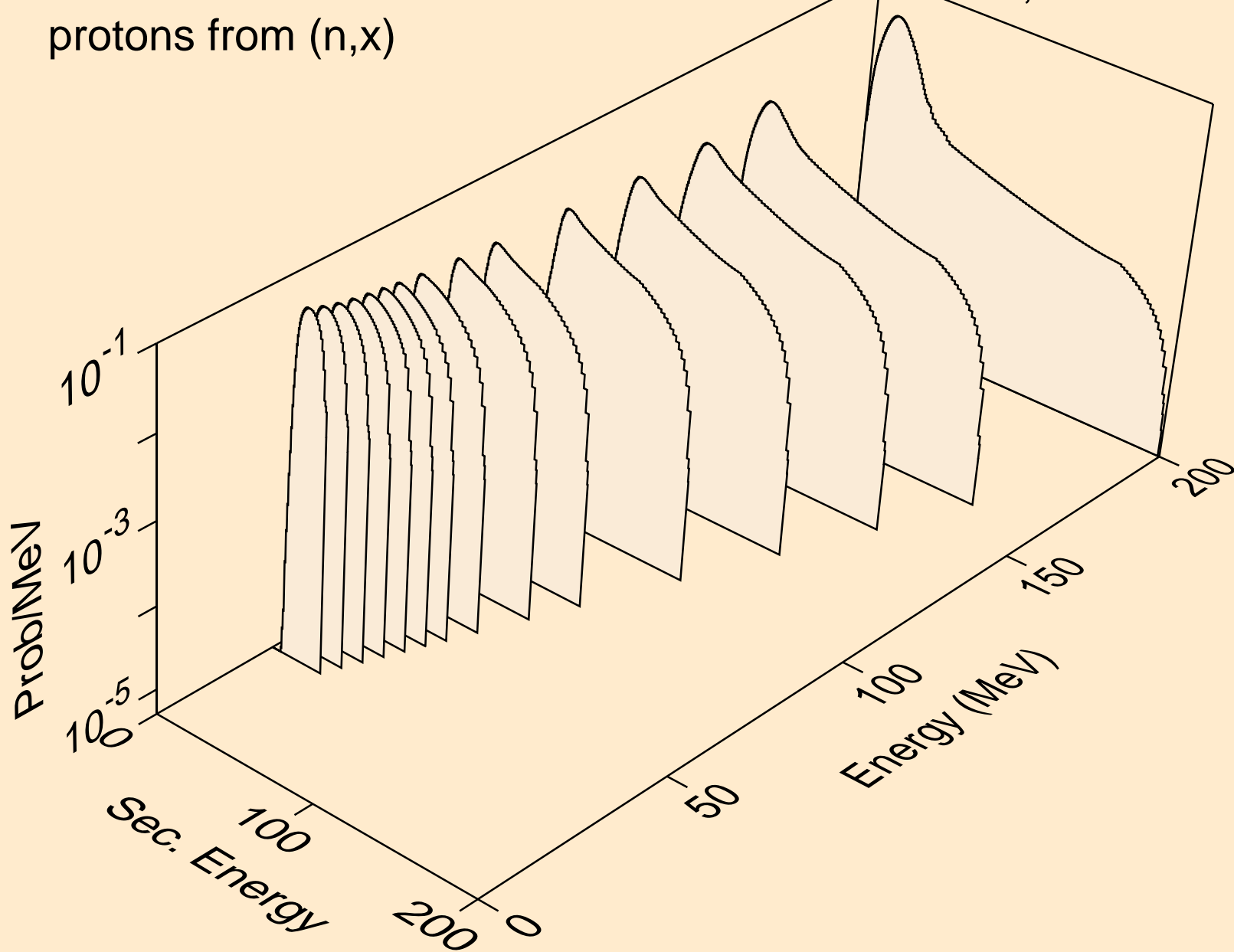


# SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

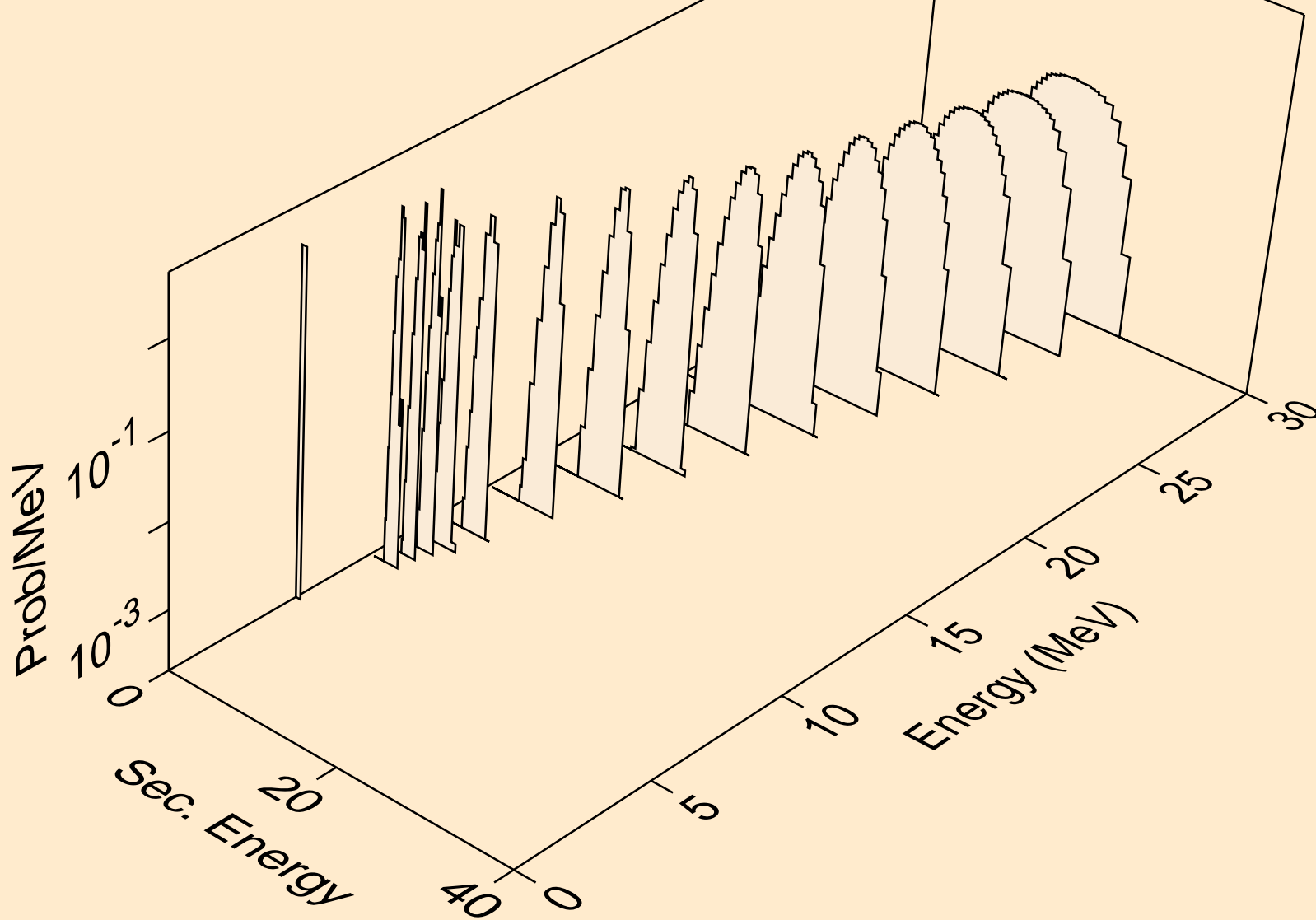
## Particle production cross sections



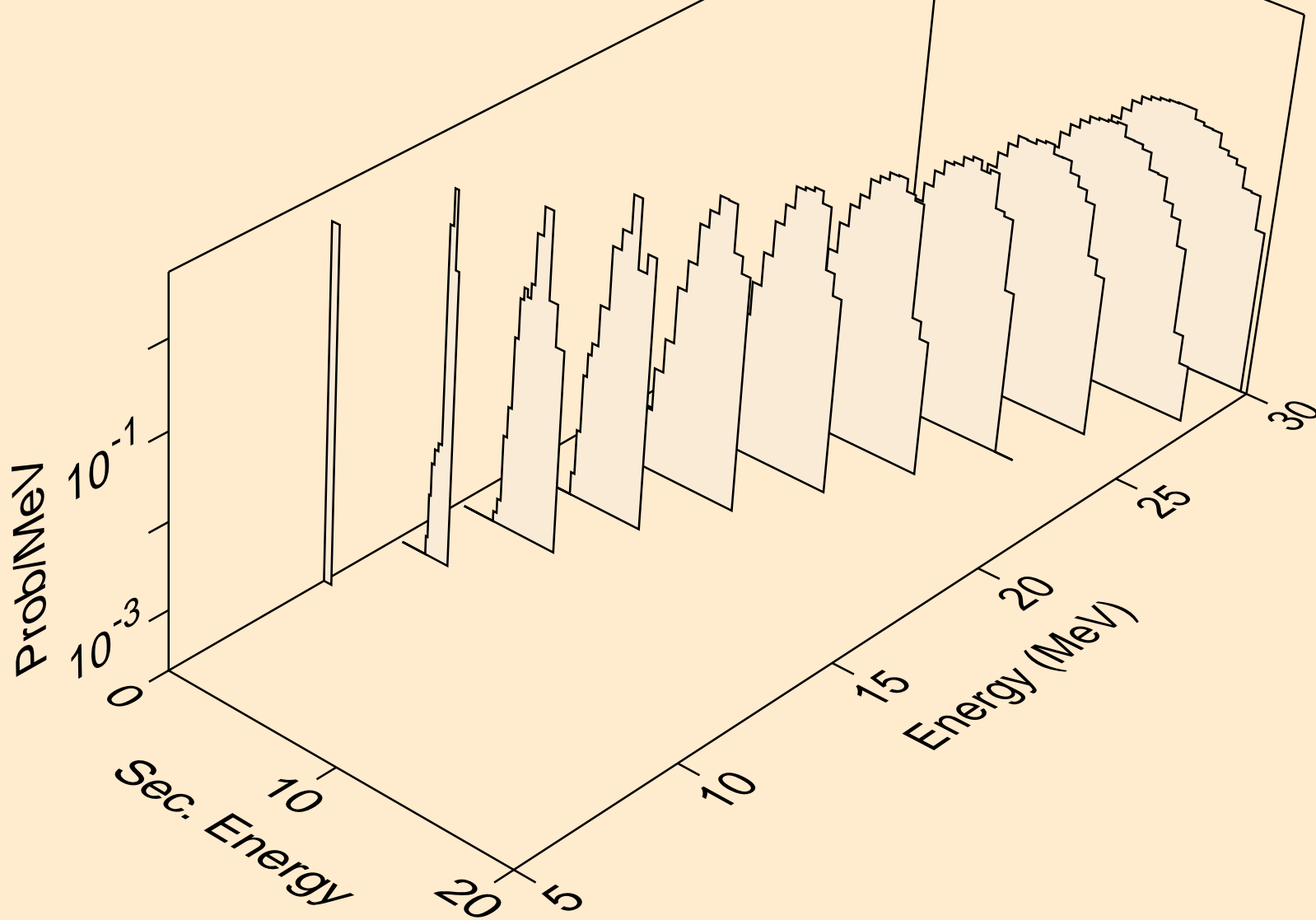
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p

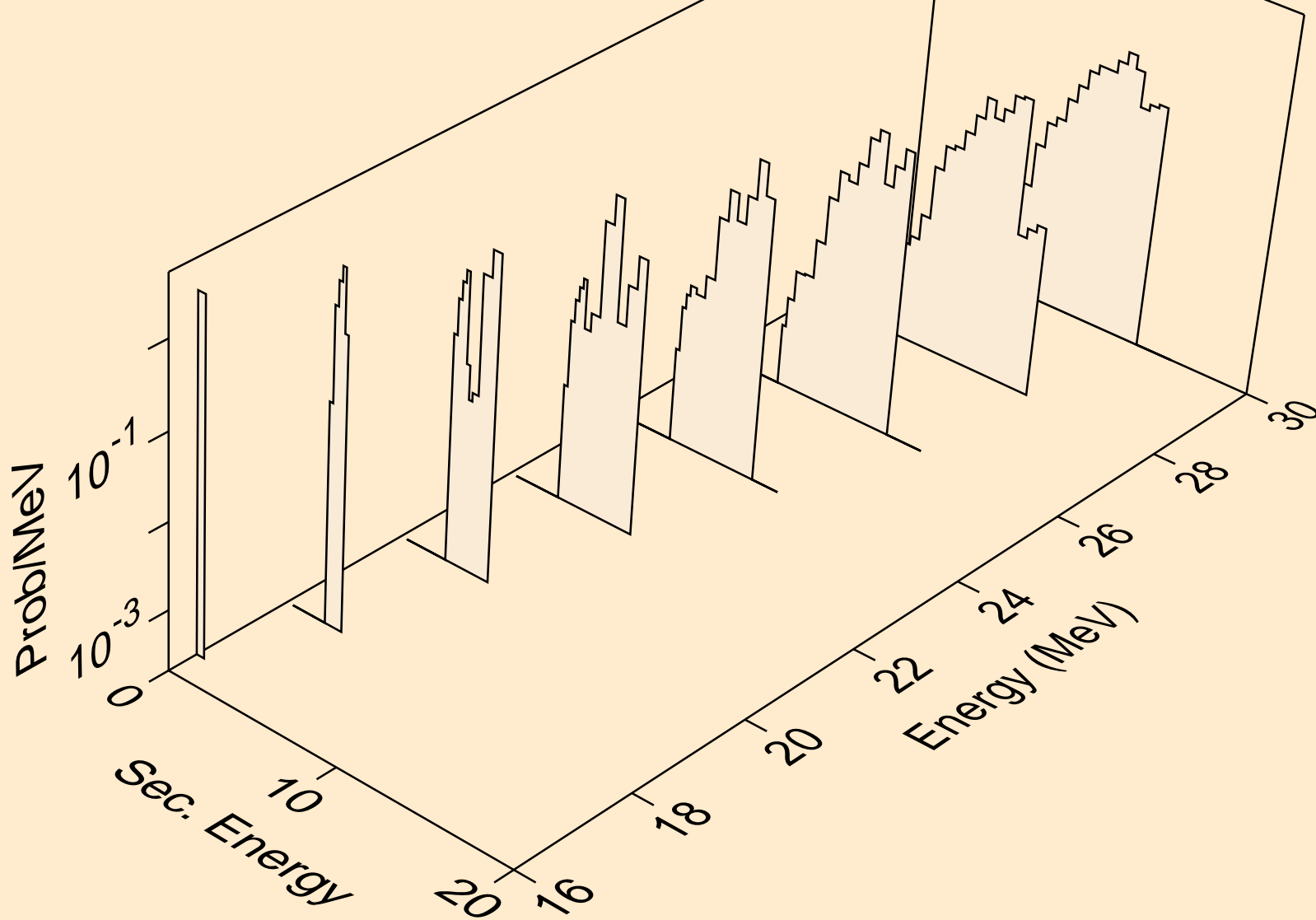


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

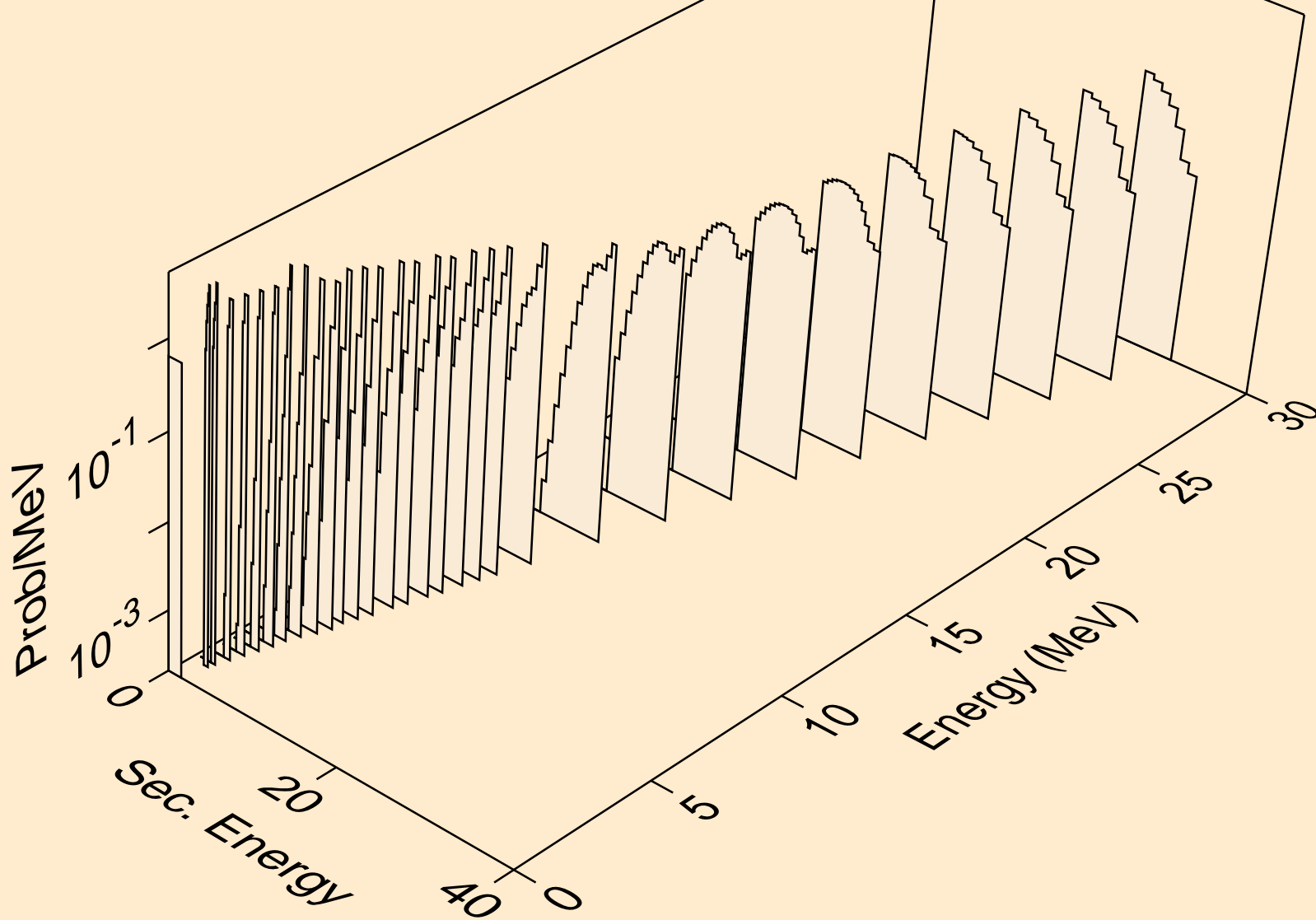




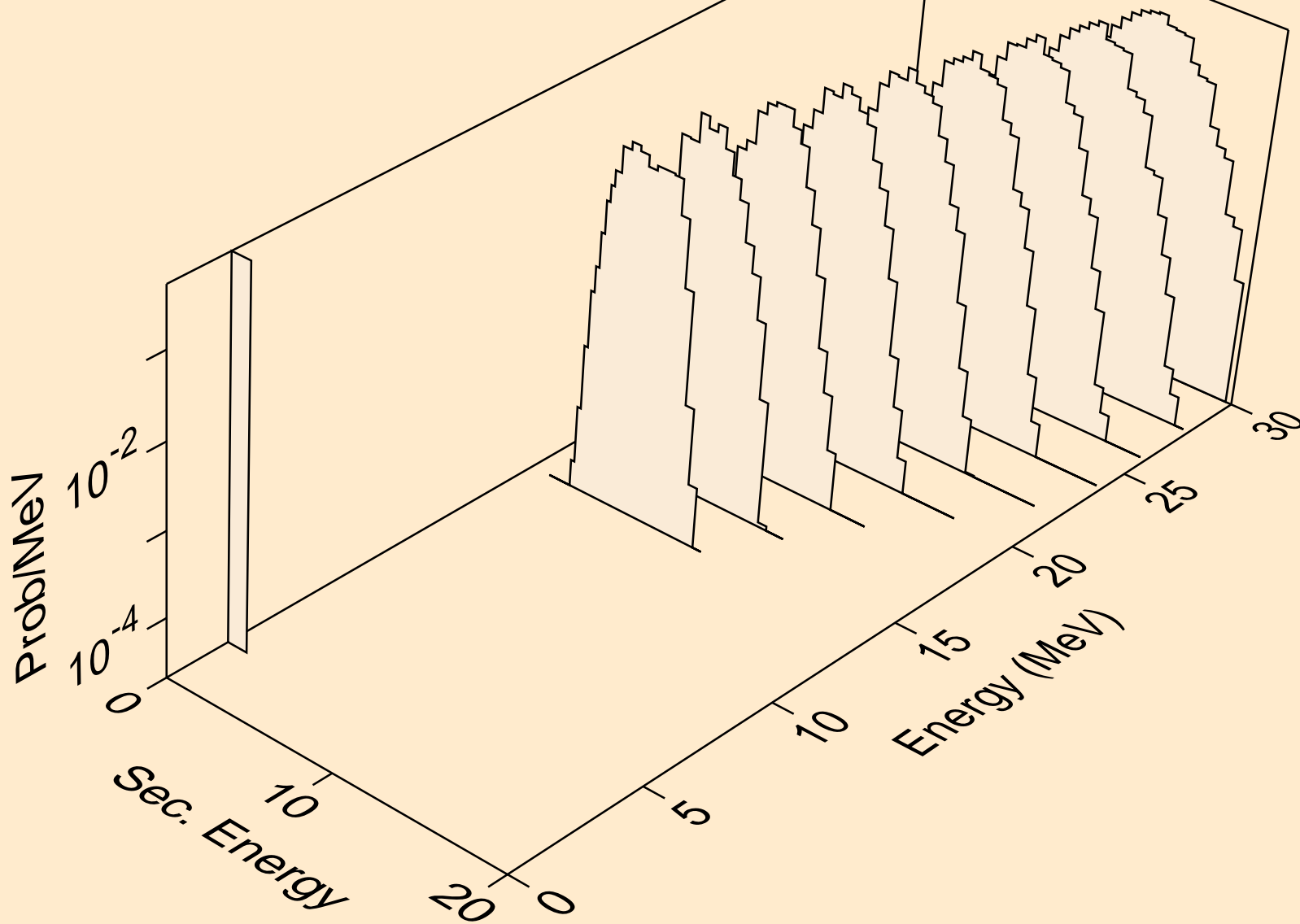
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



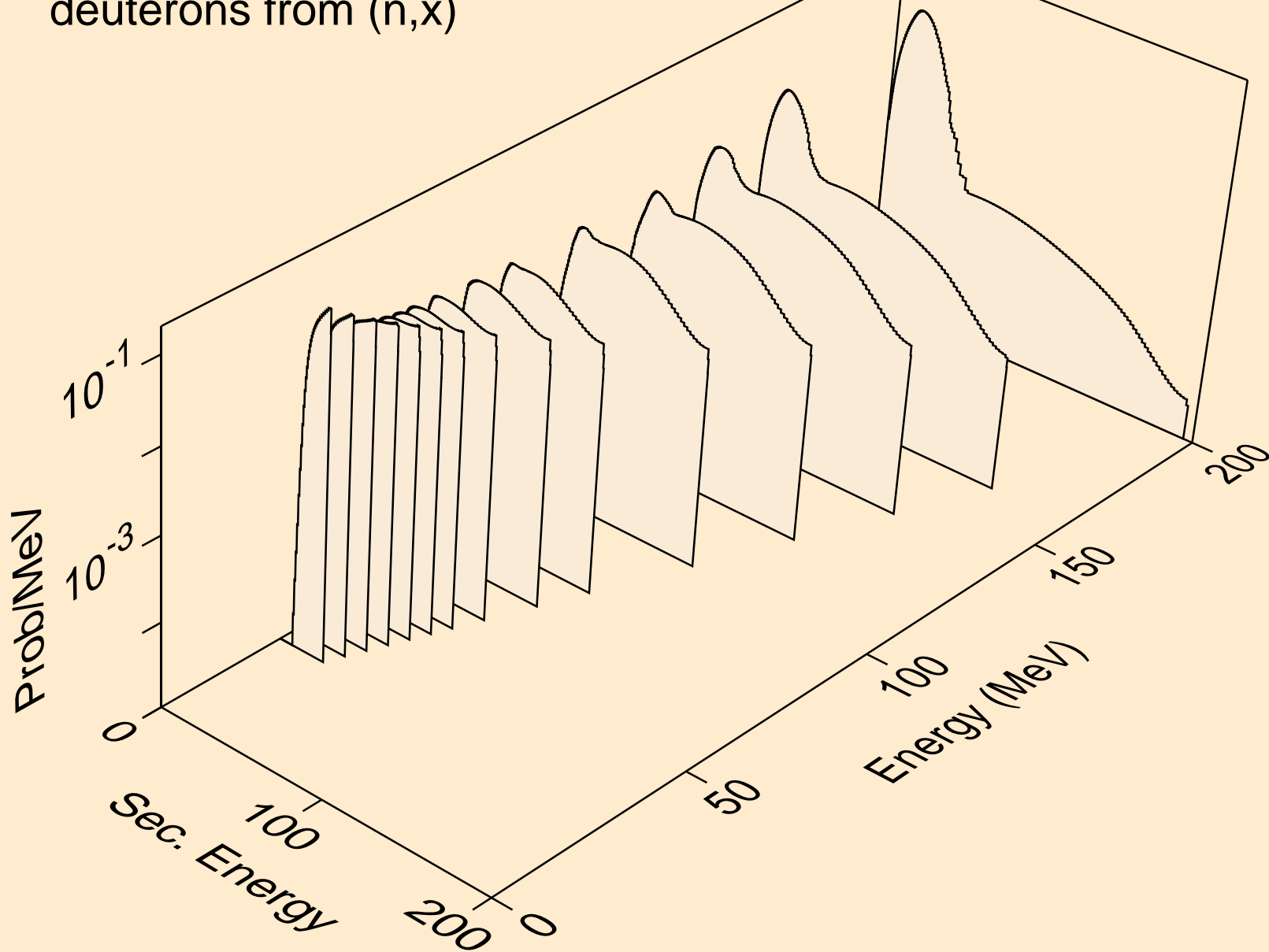
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



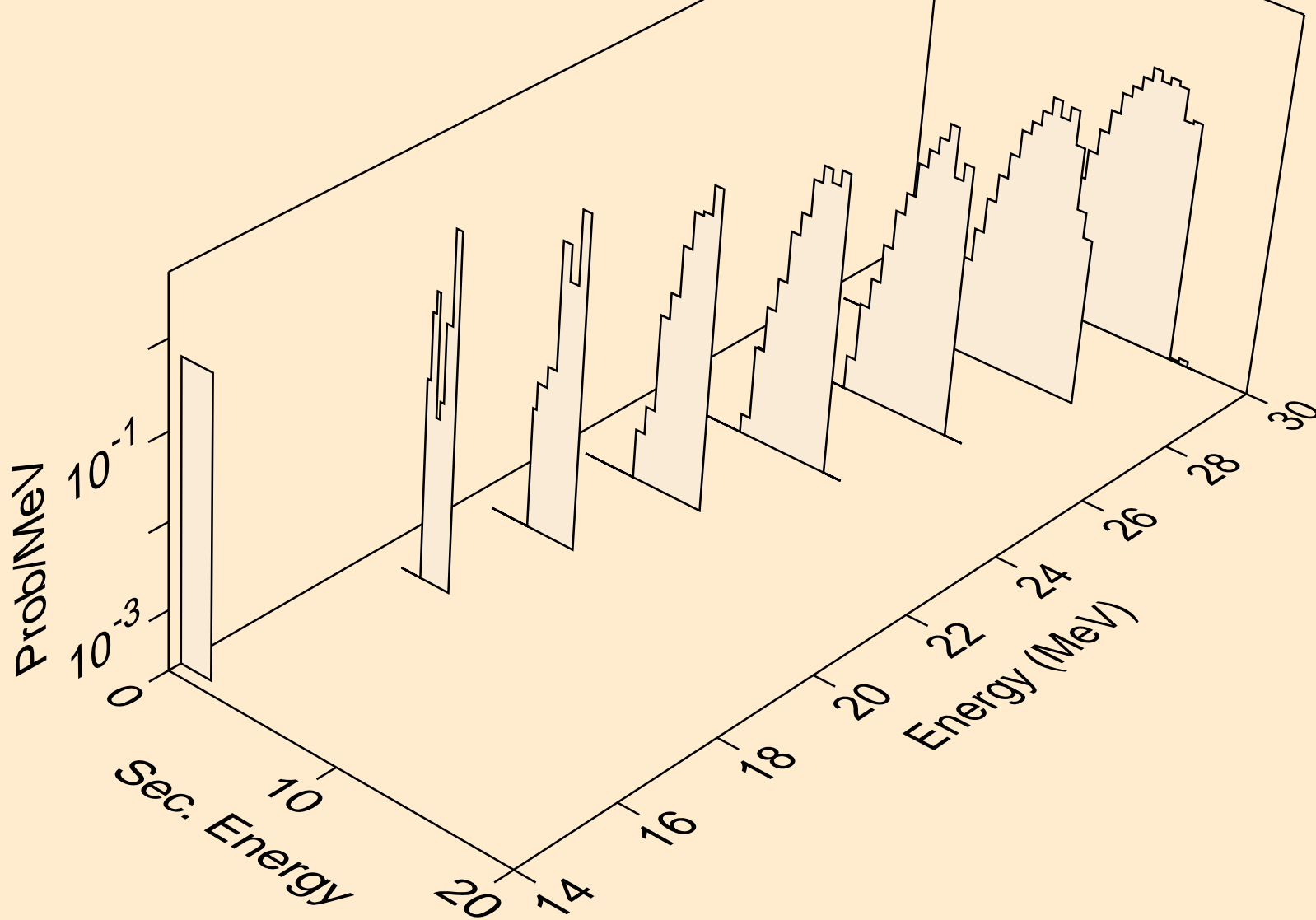
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



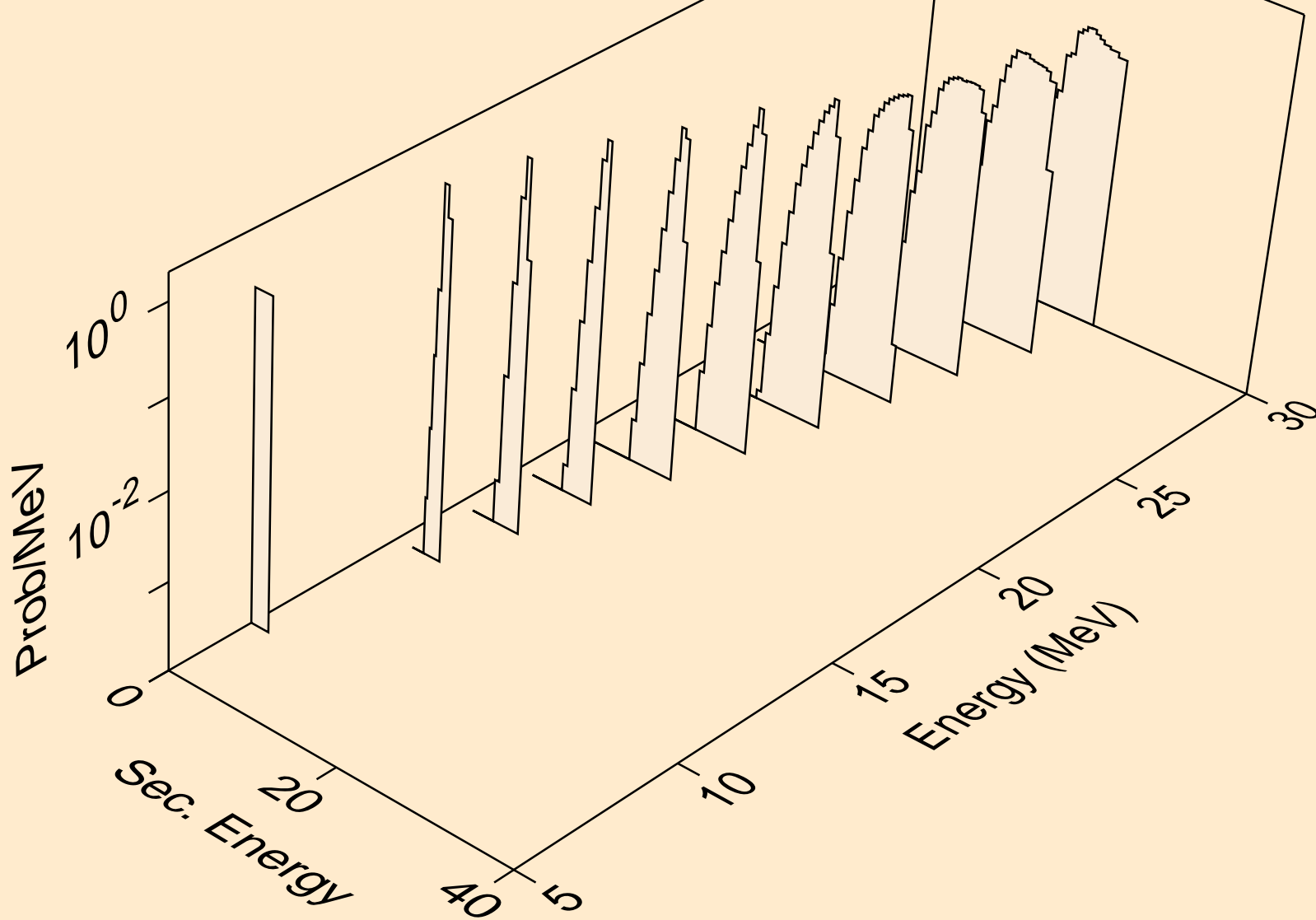
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



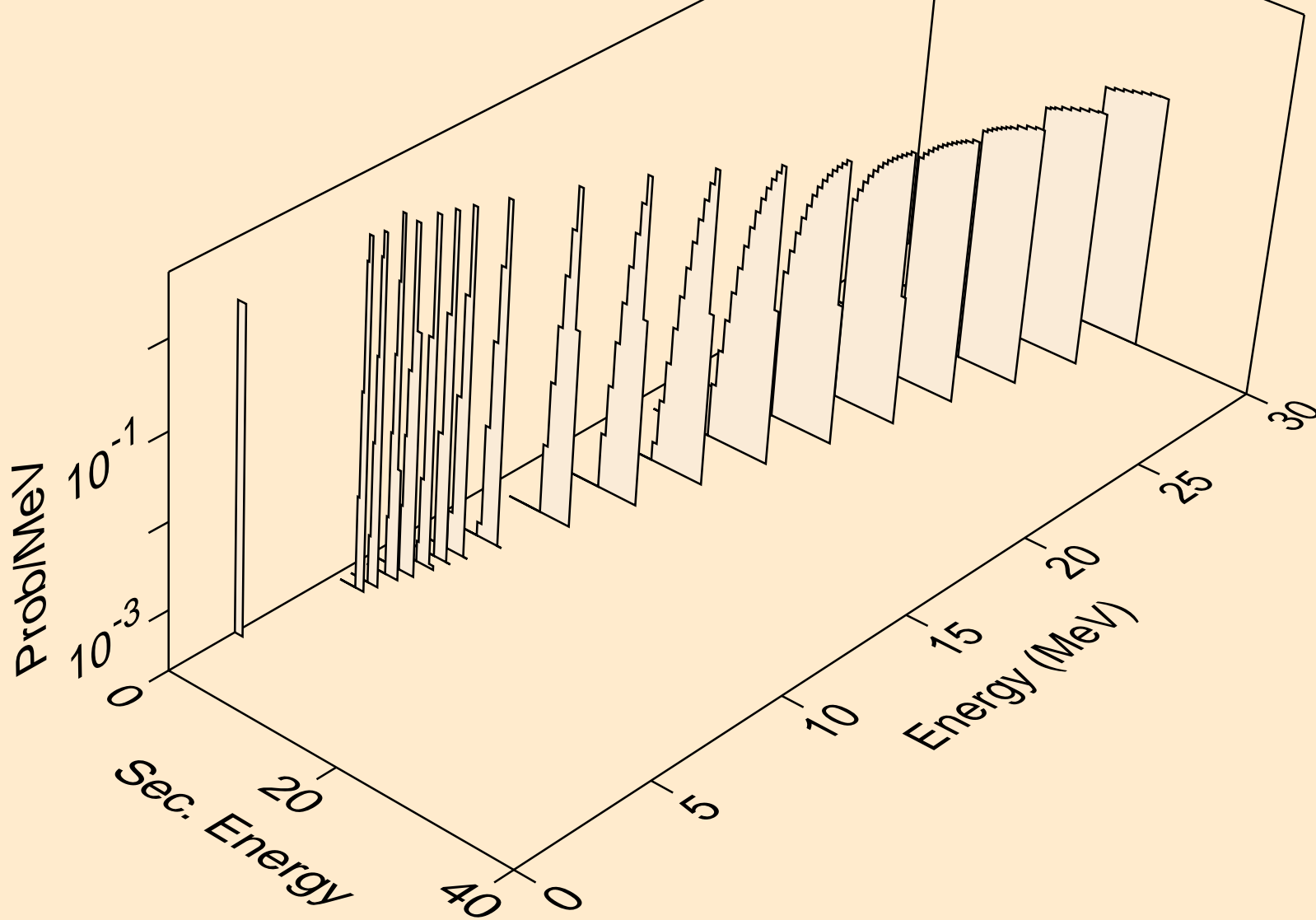
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



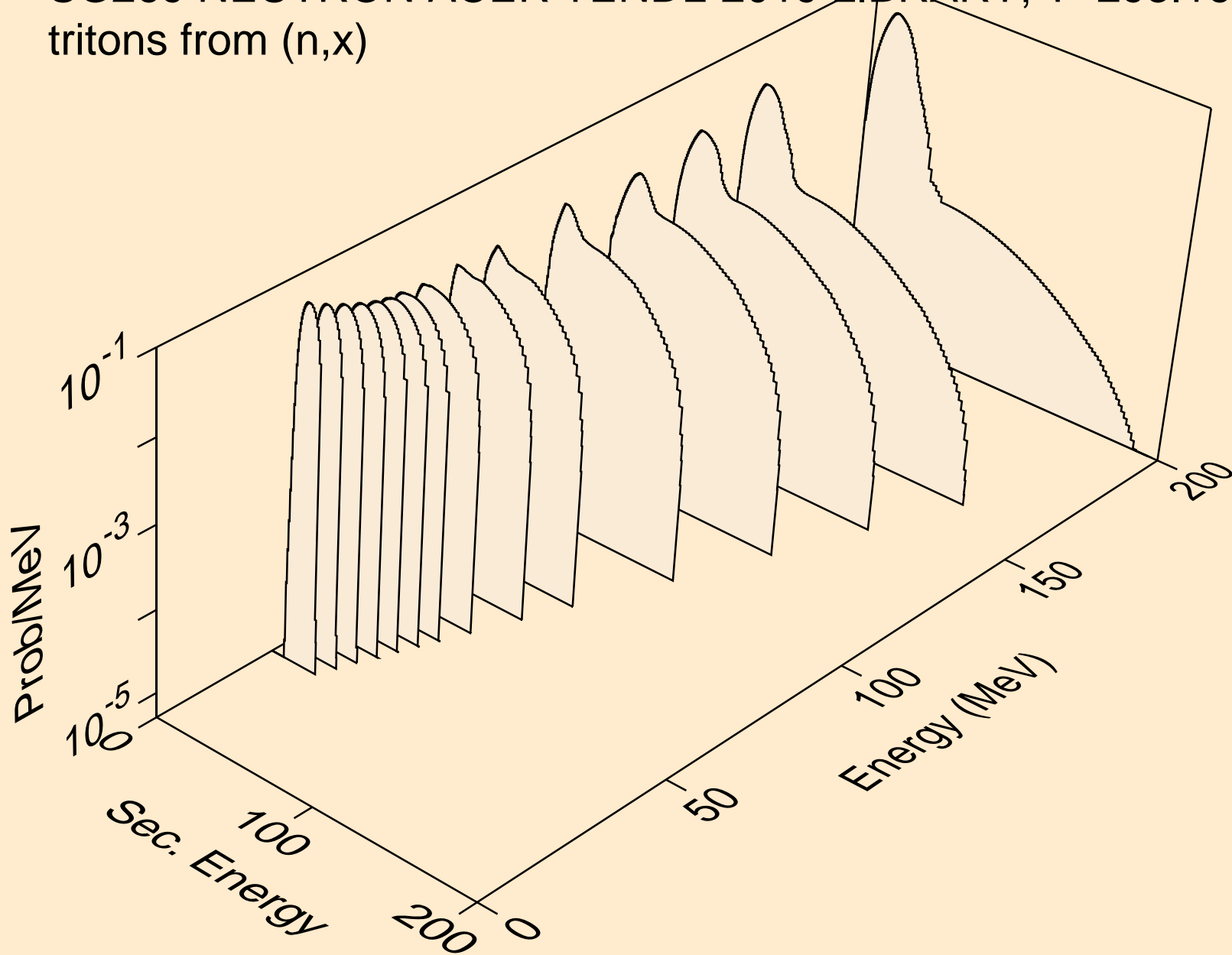
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)

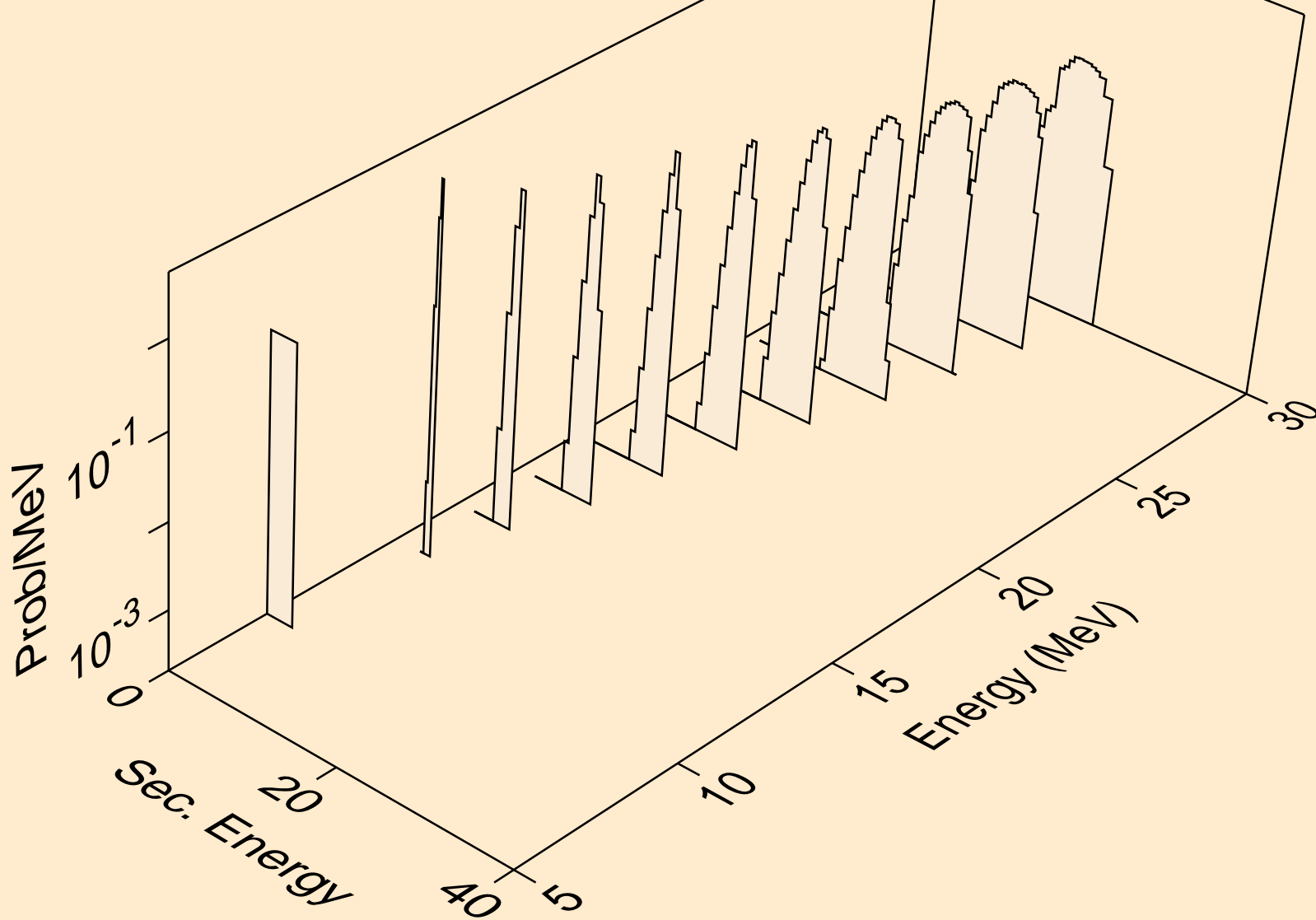


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

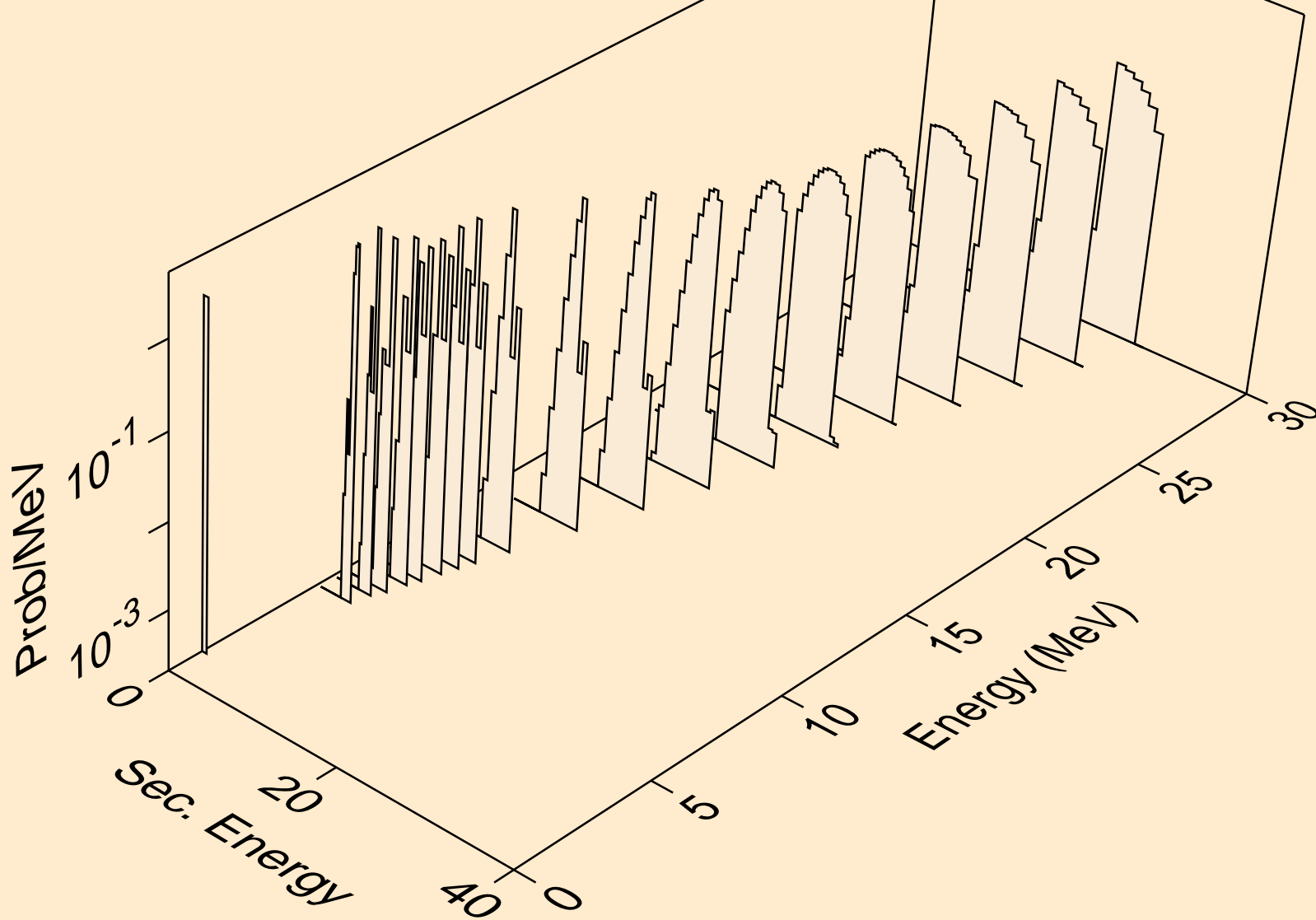




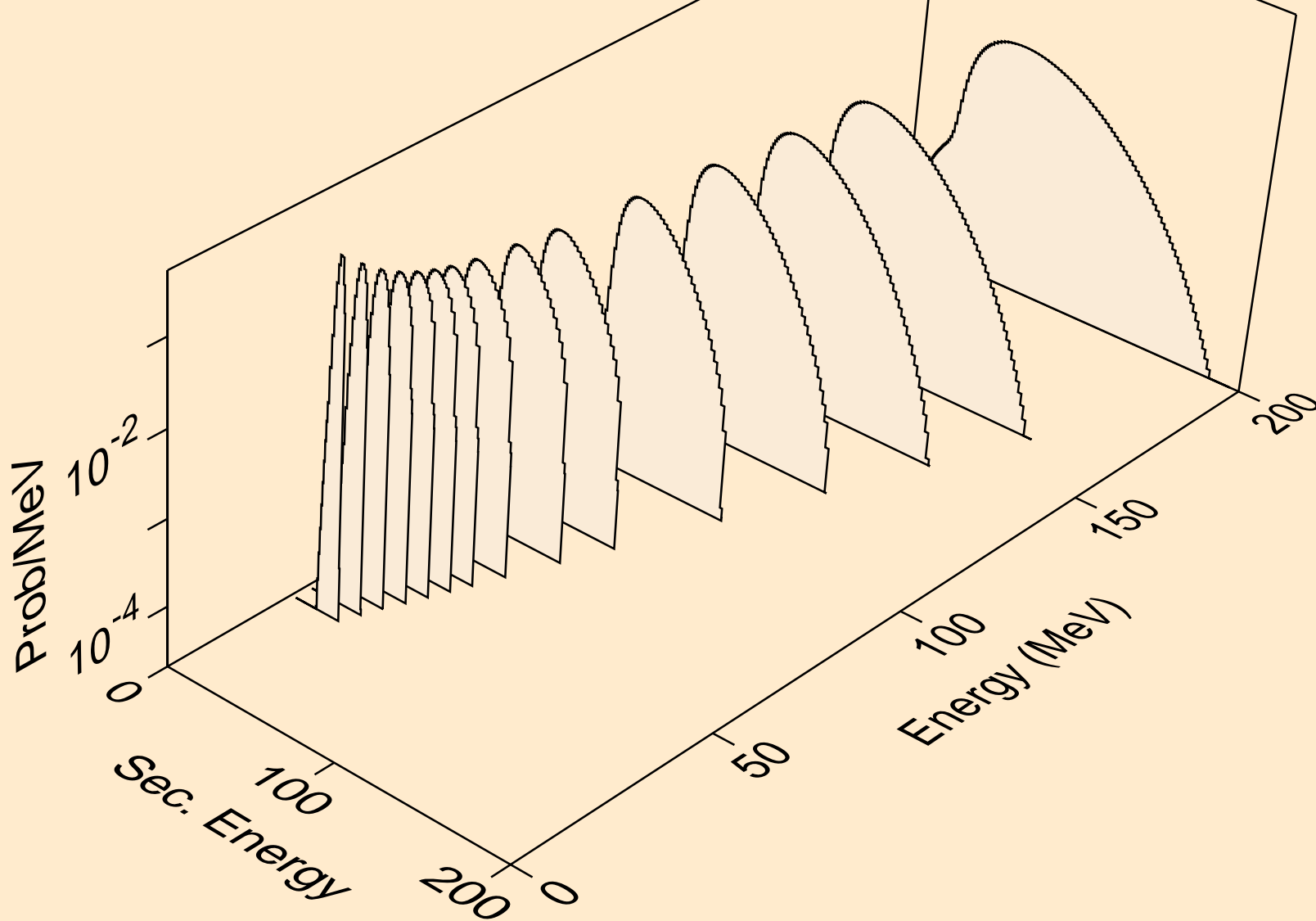
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



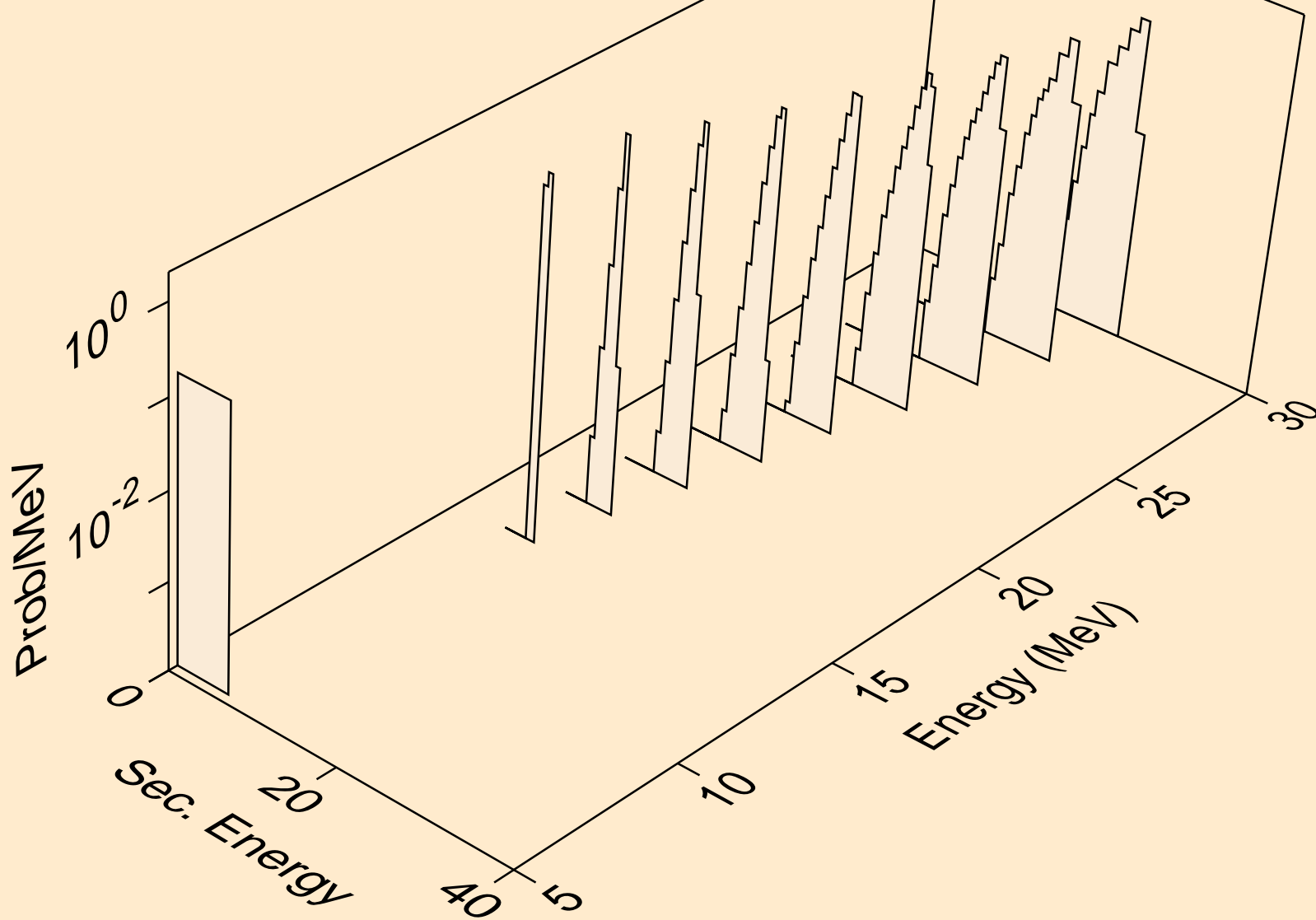
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



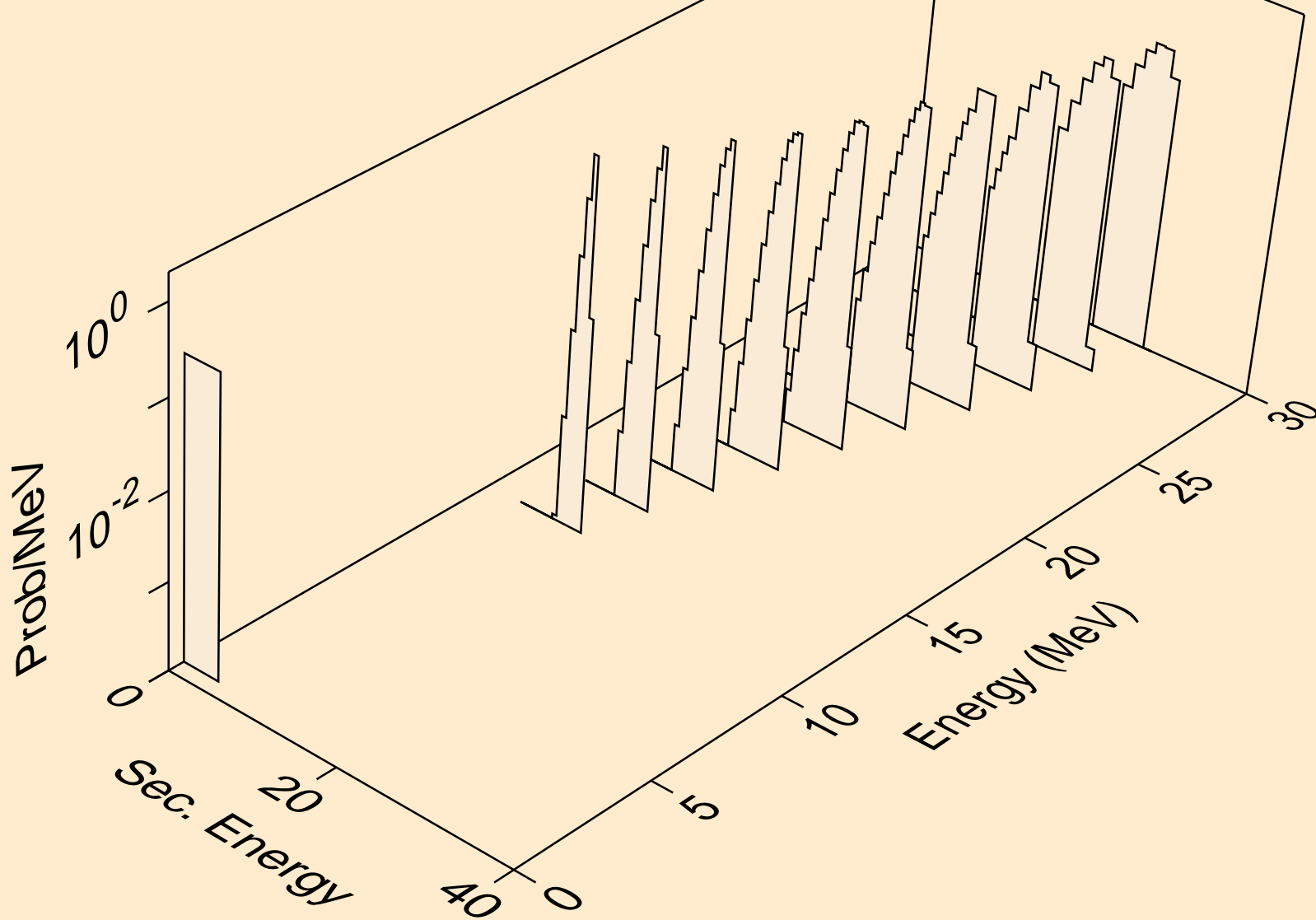
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



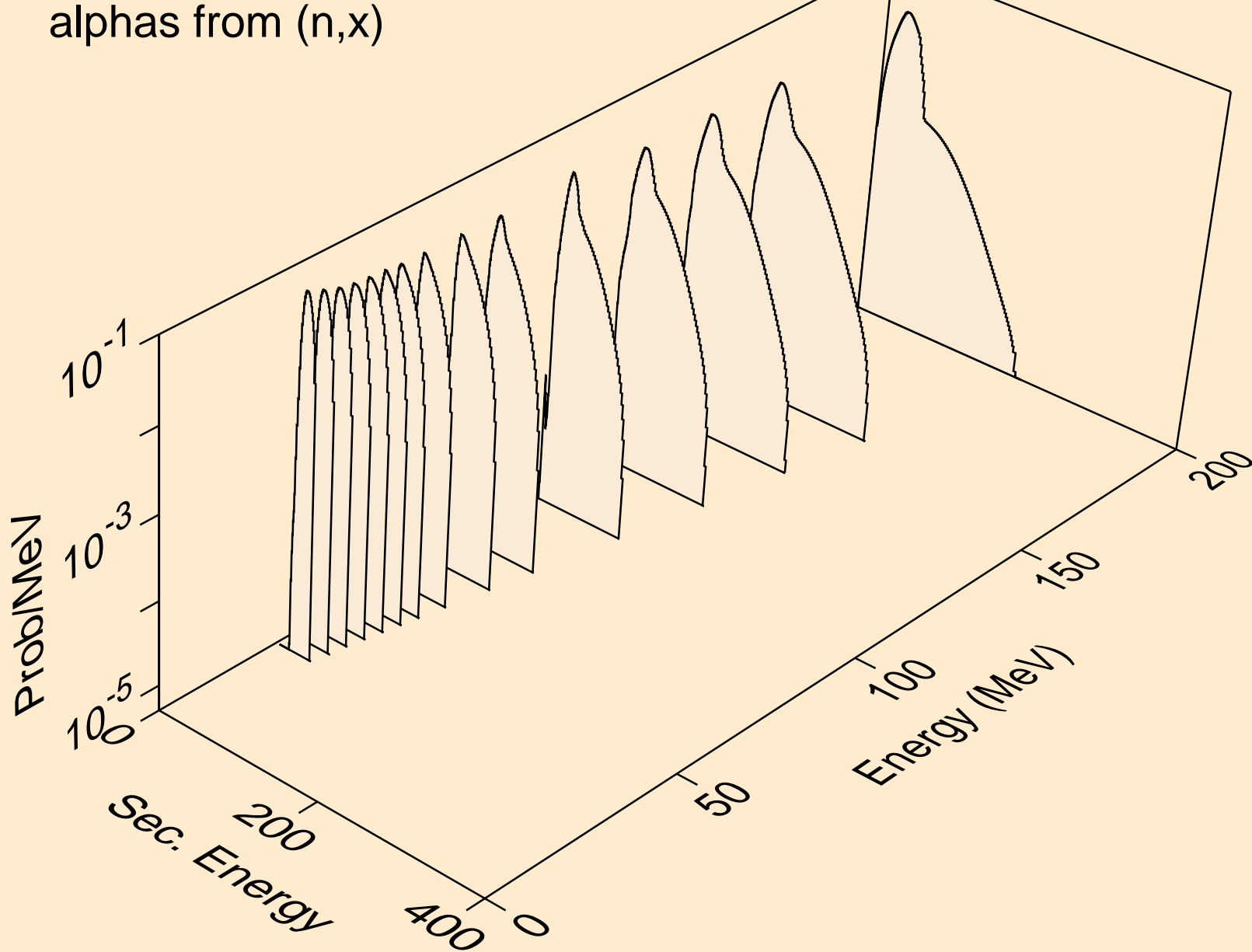
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



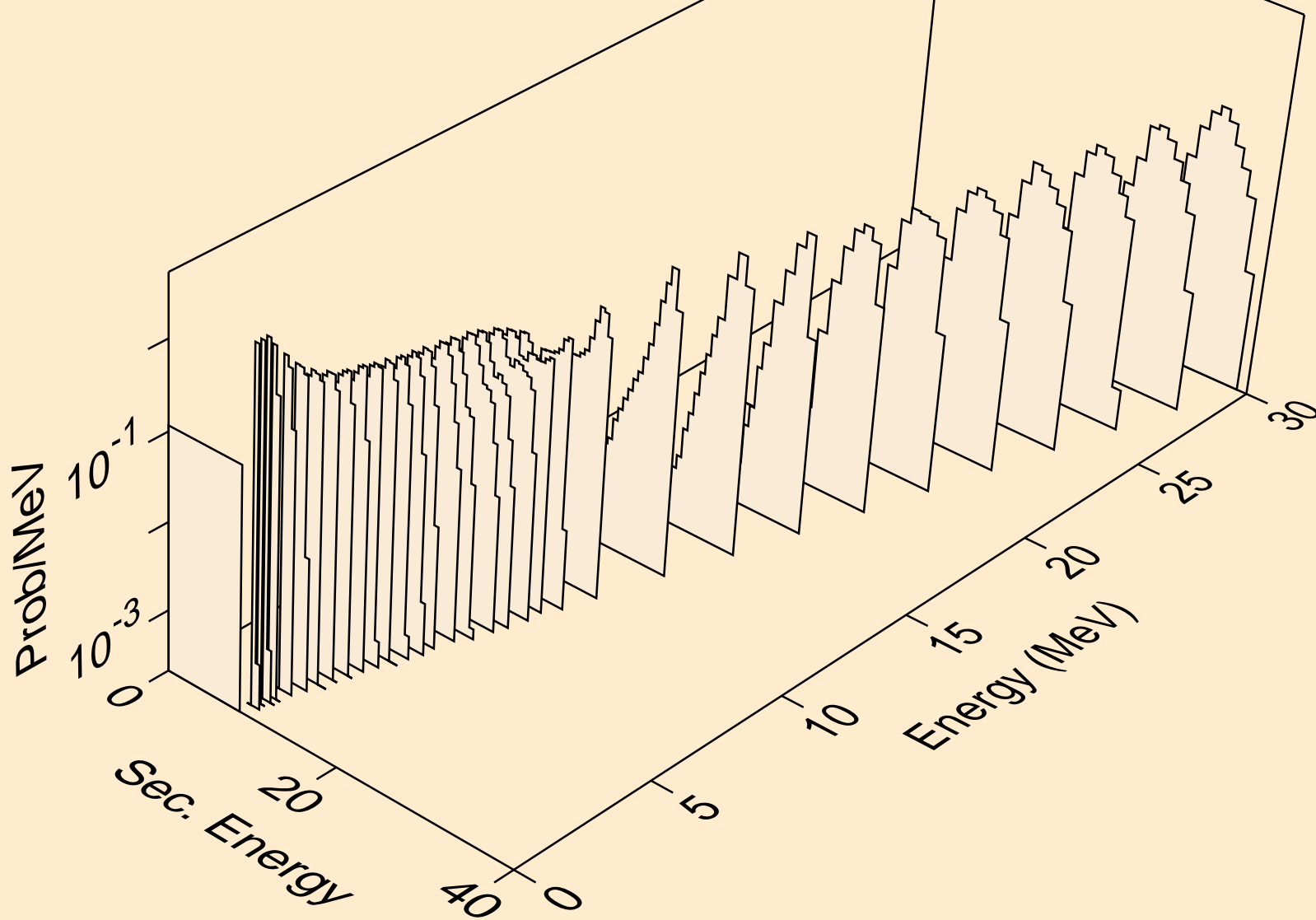
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



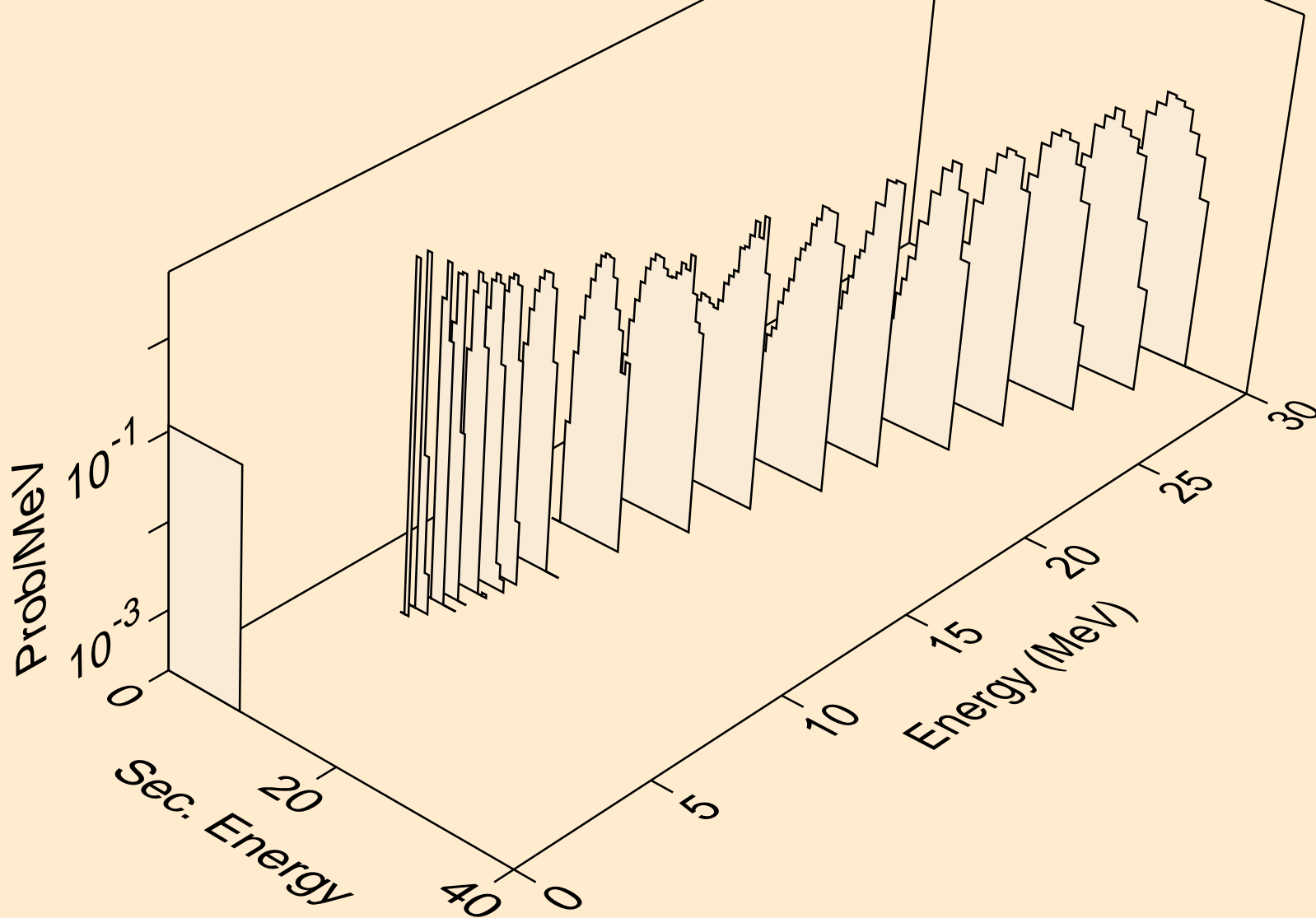
SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a

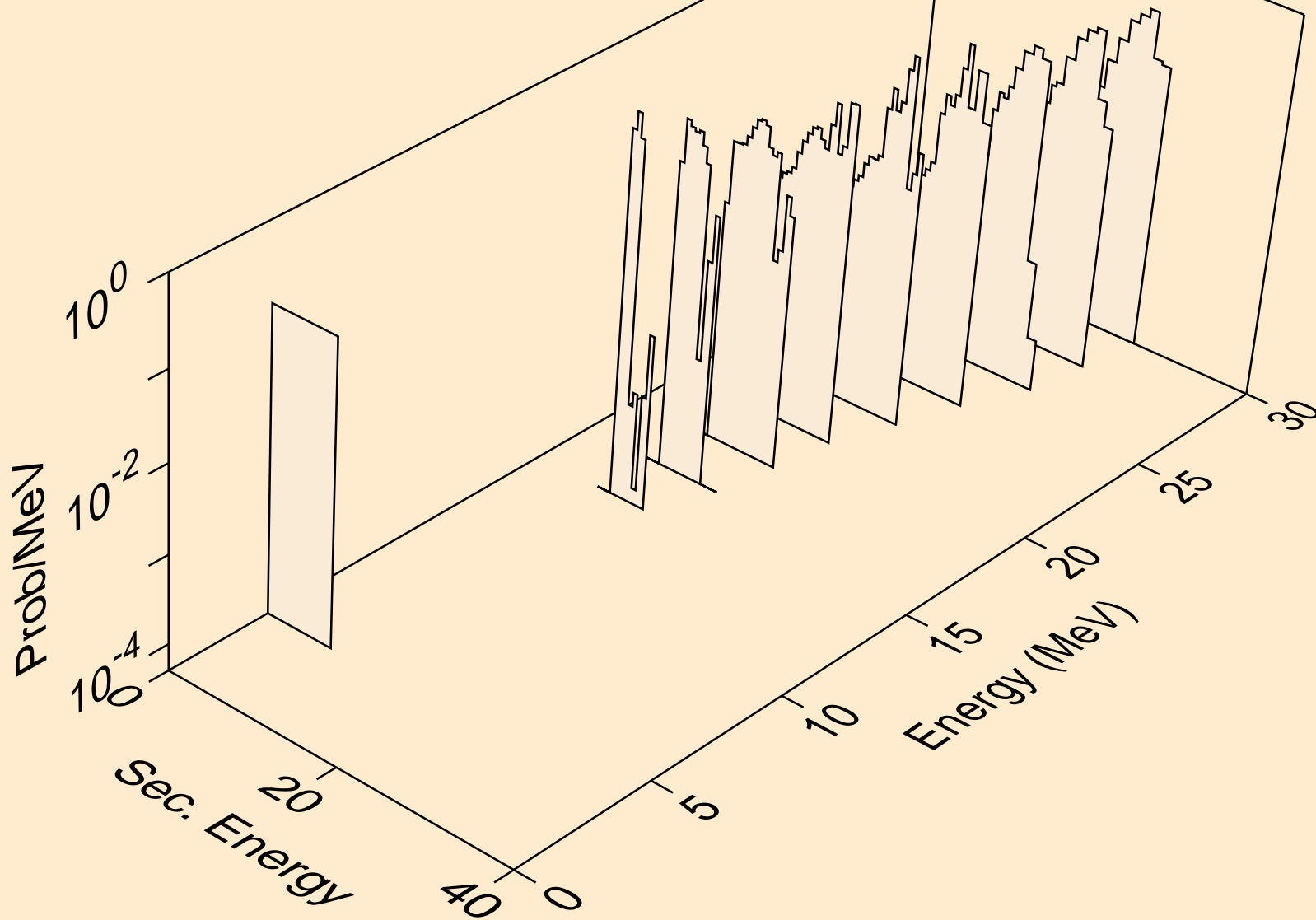


SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a





SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



SG269 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

