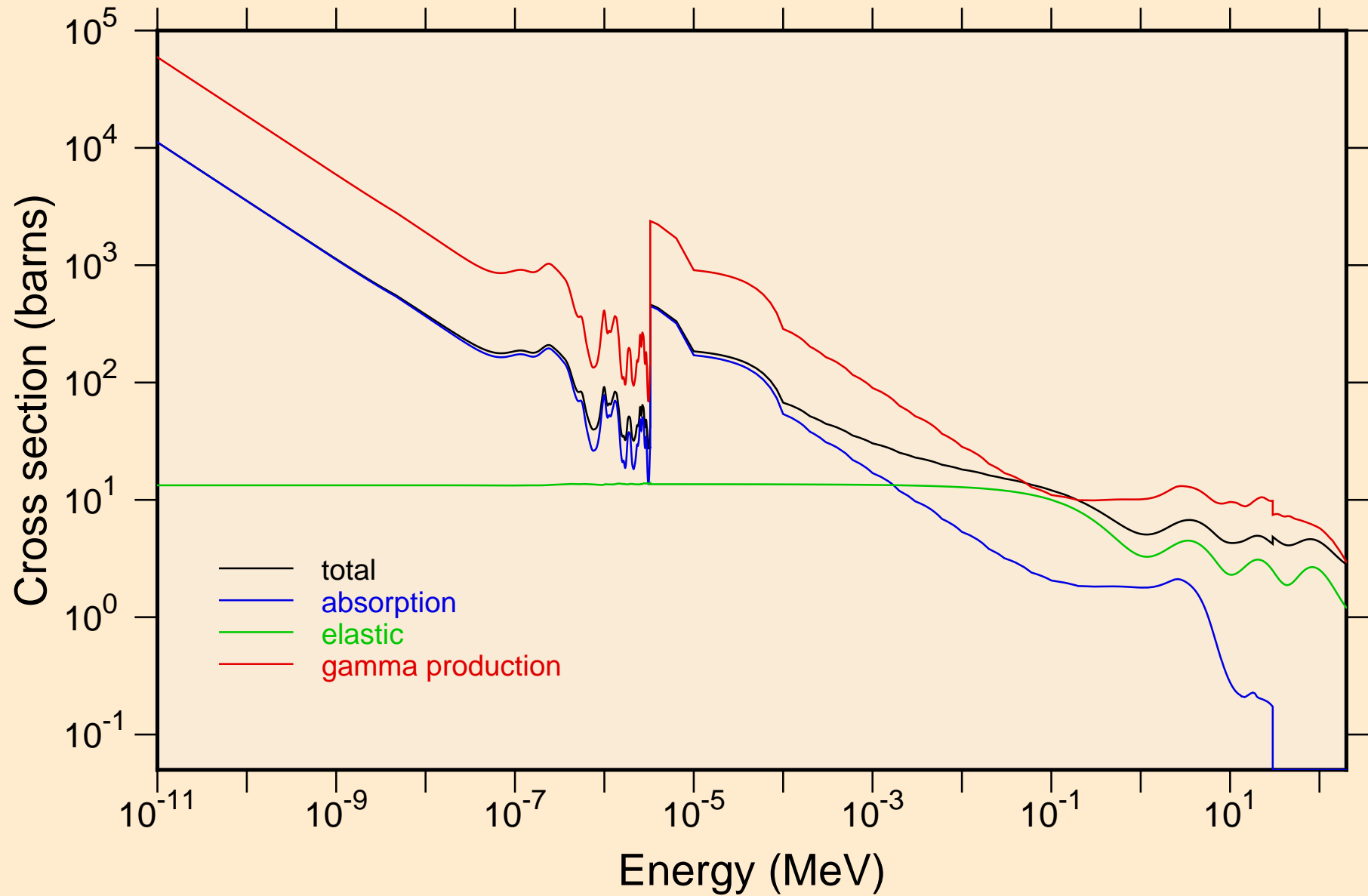


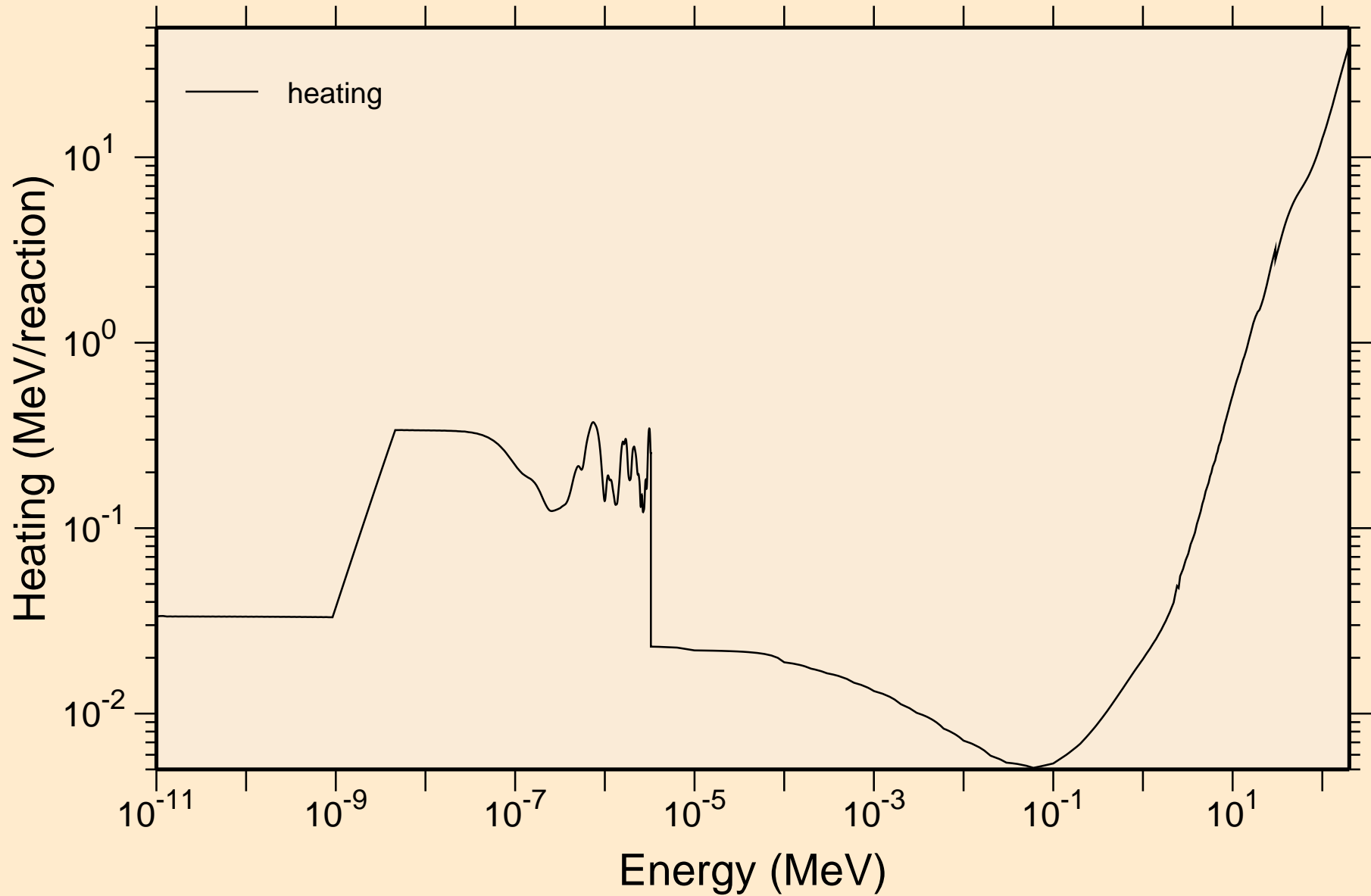
# TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

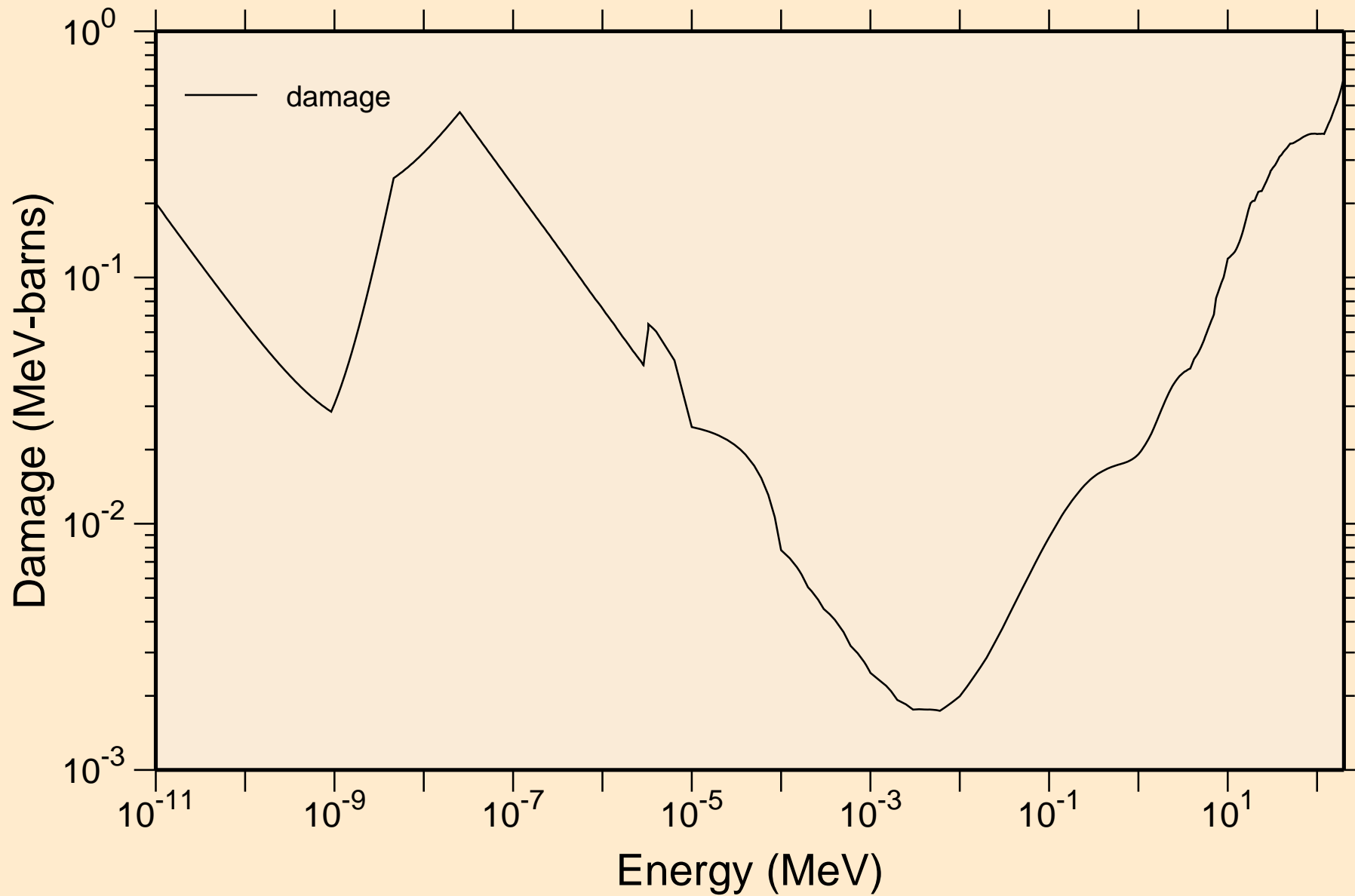


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

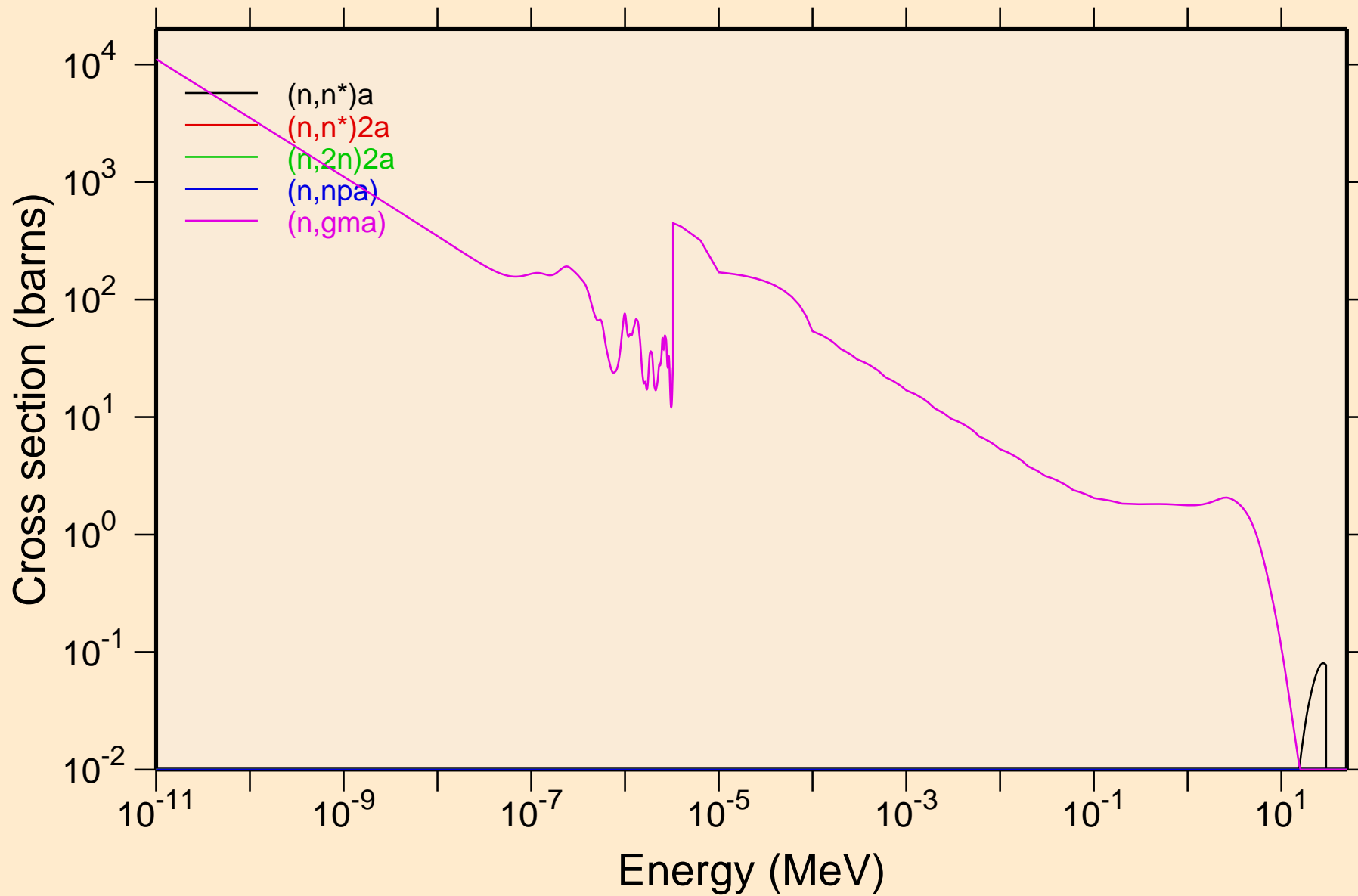
Heating



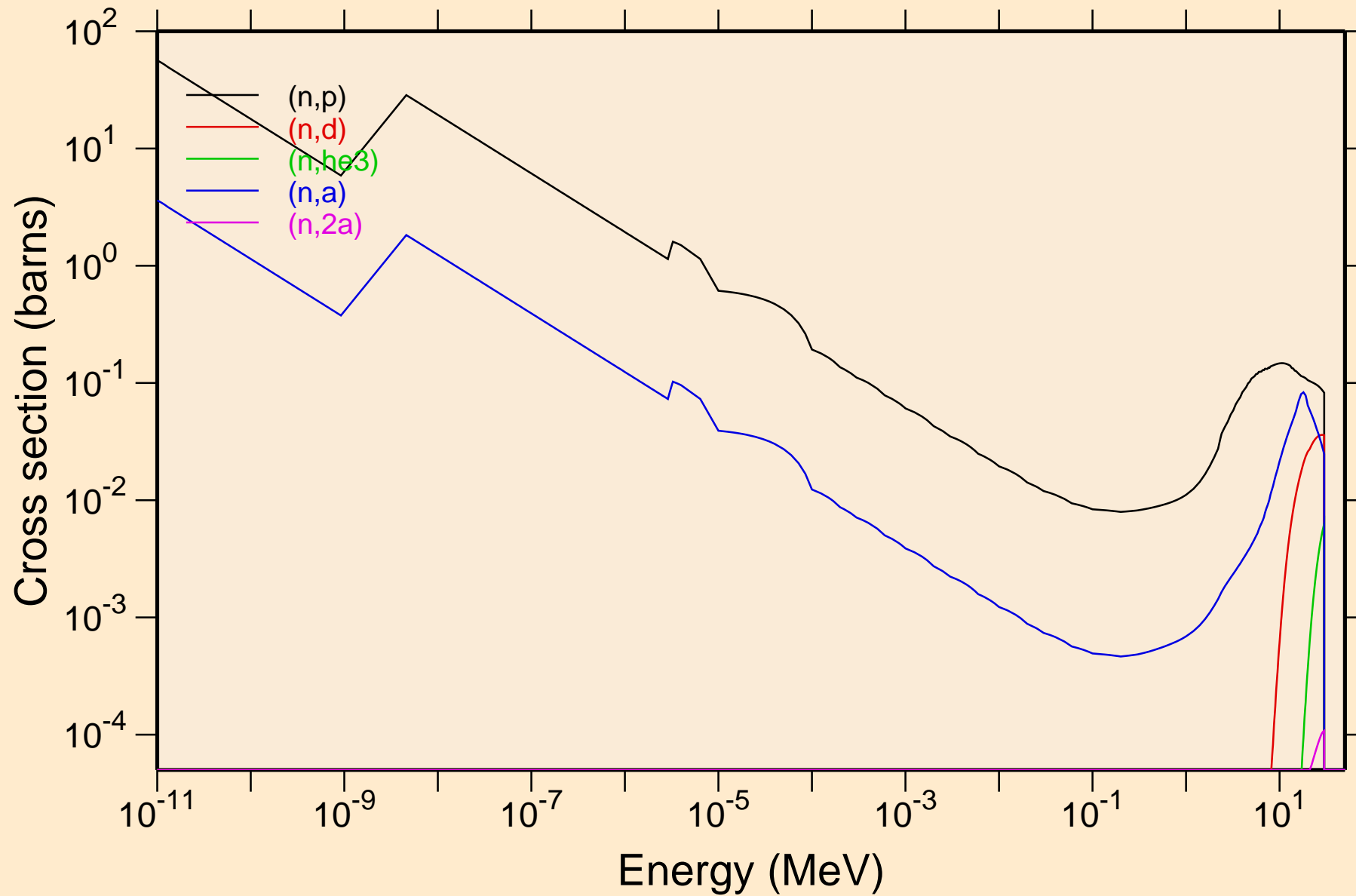
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



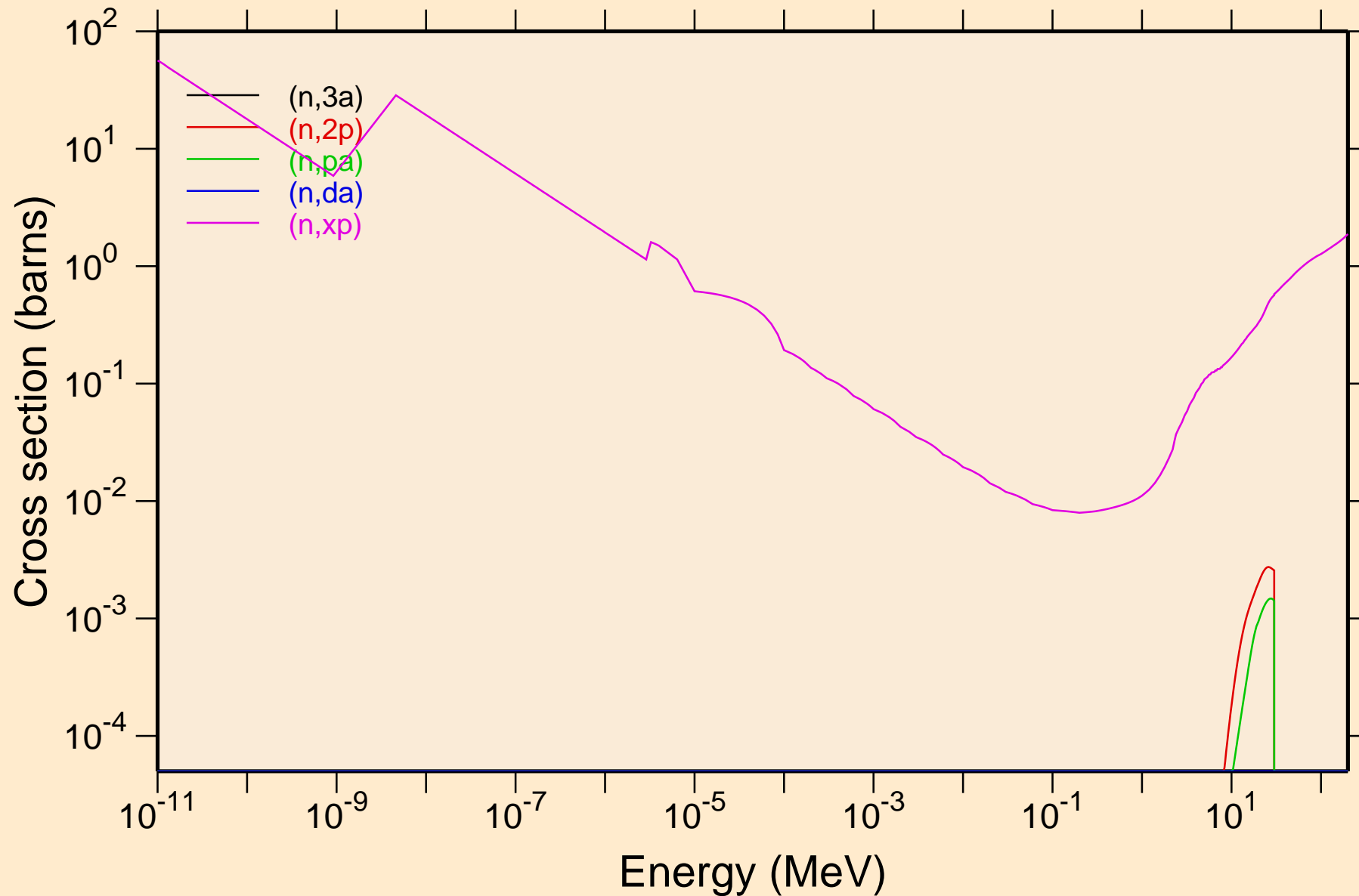
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



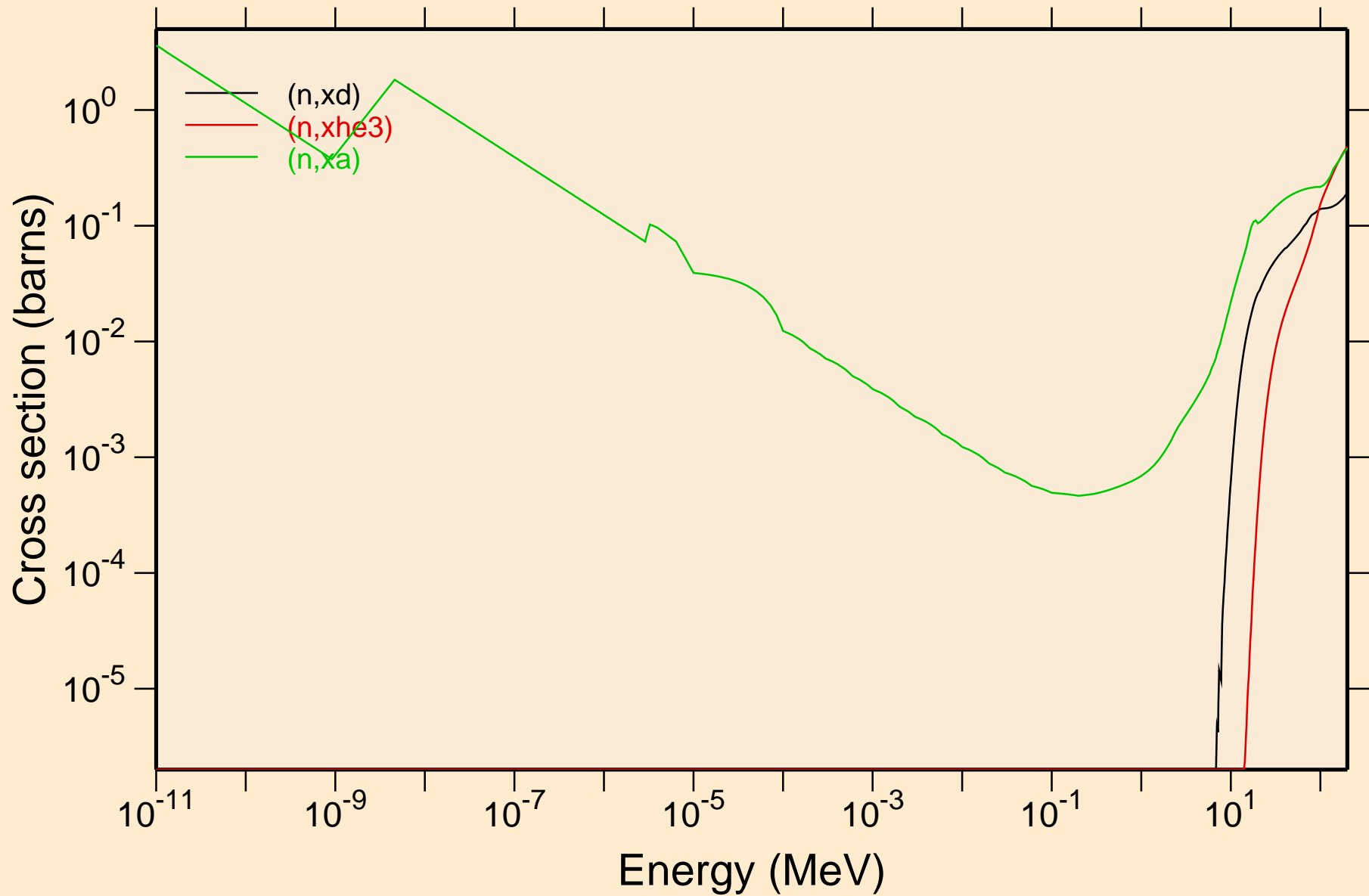
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

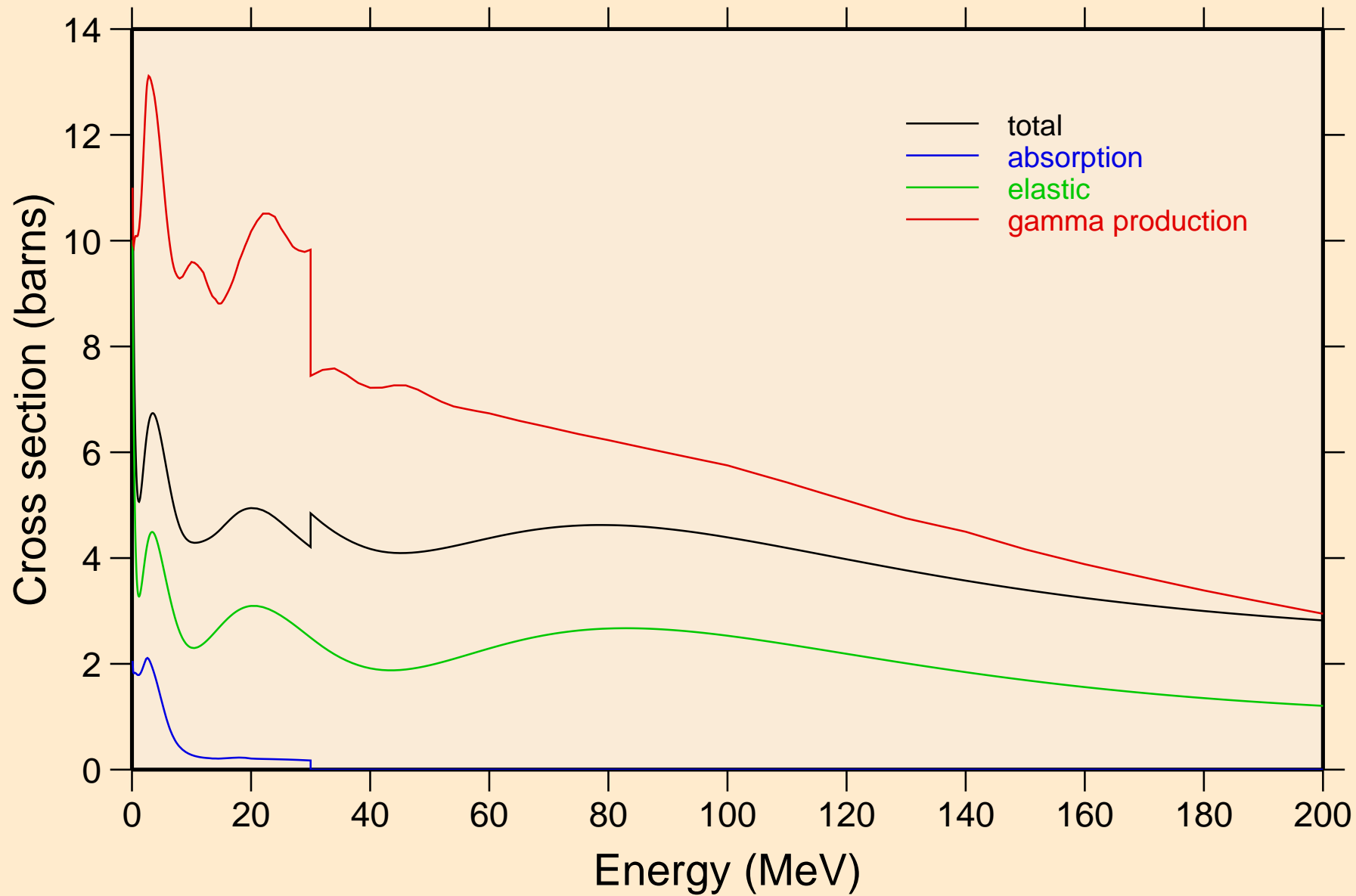


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

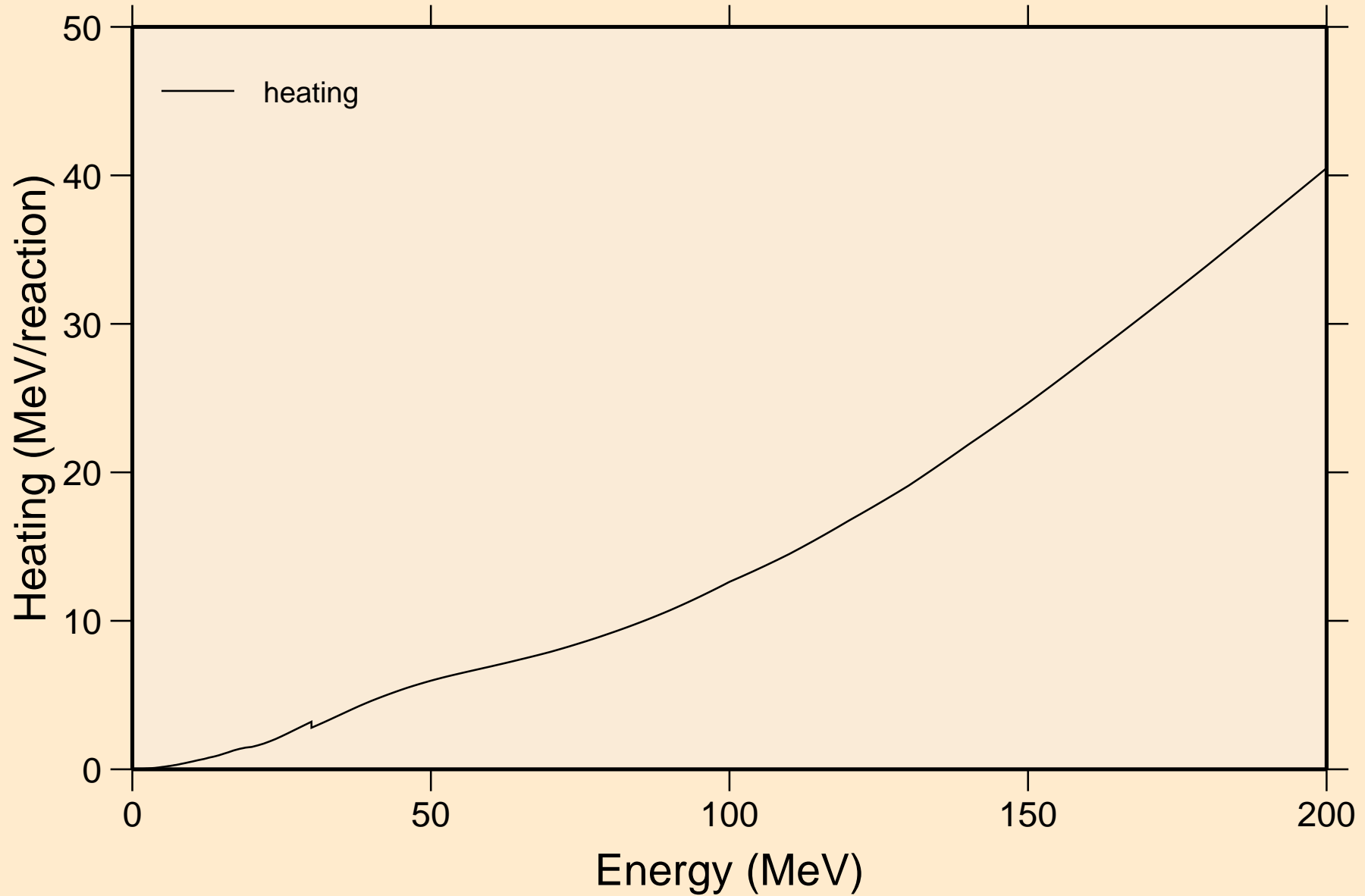
## Principal cross sections



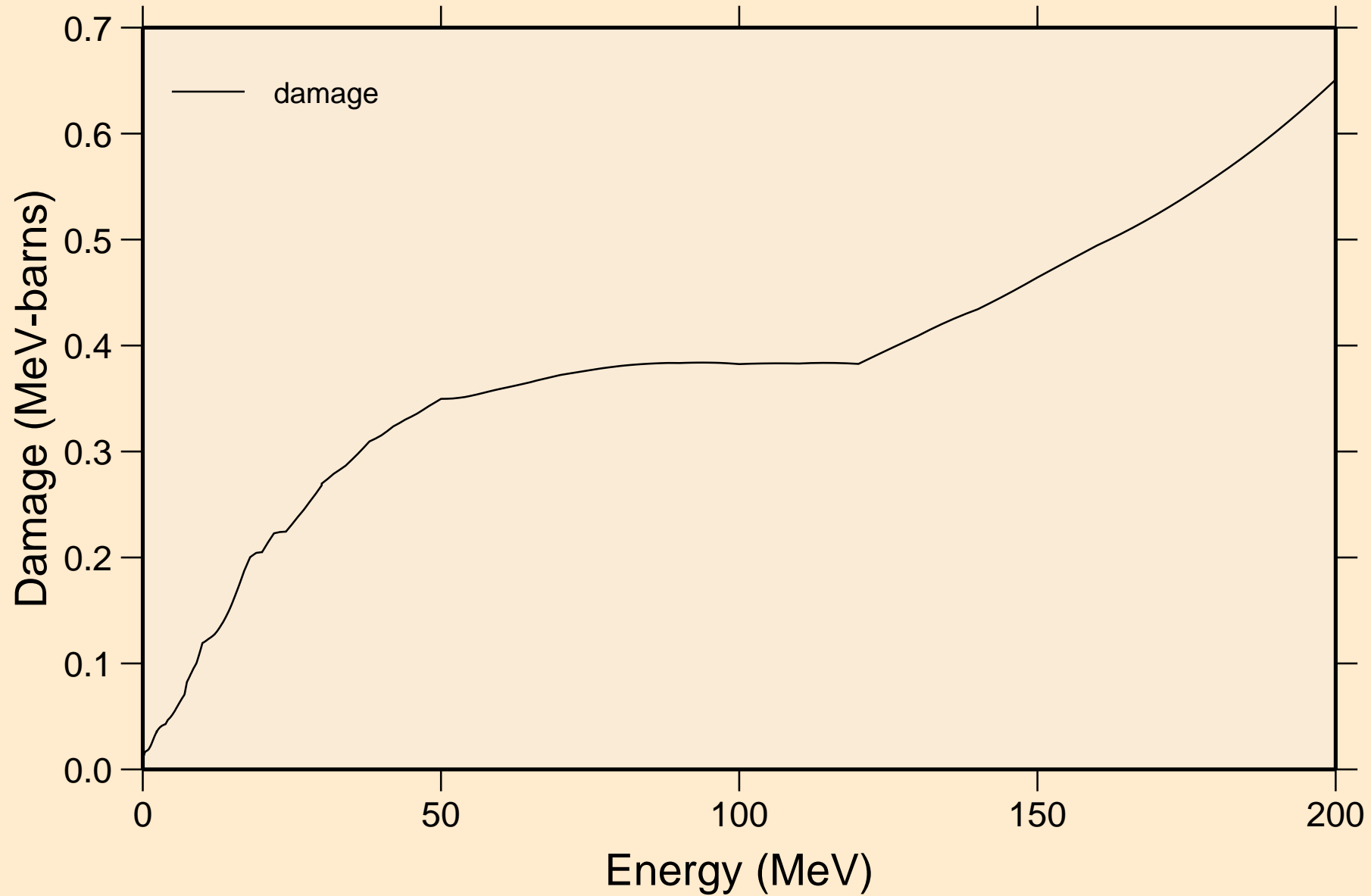


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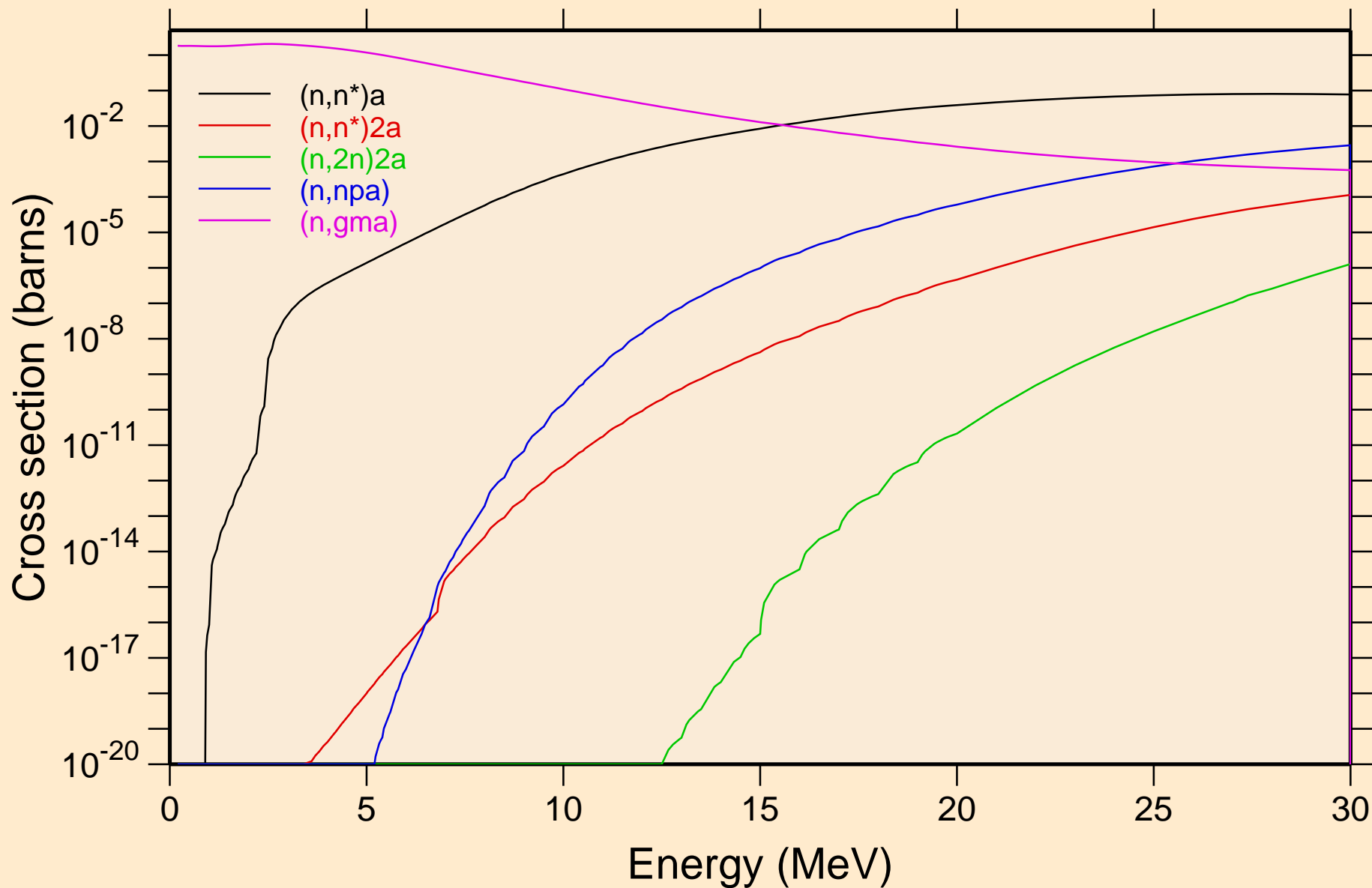
## Heating



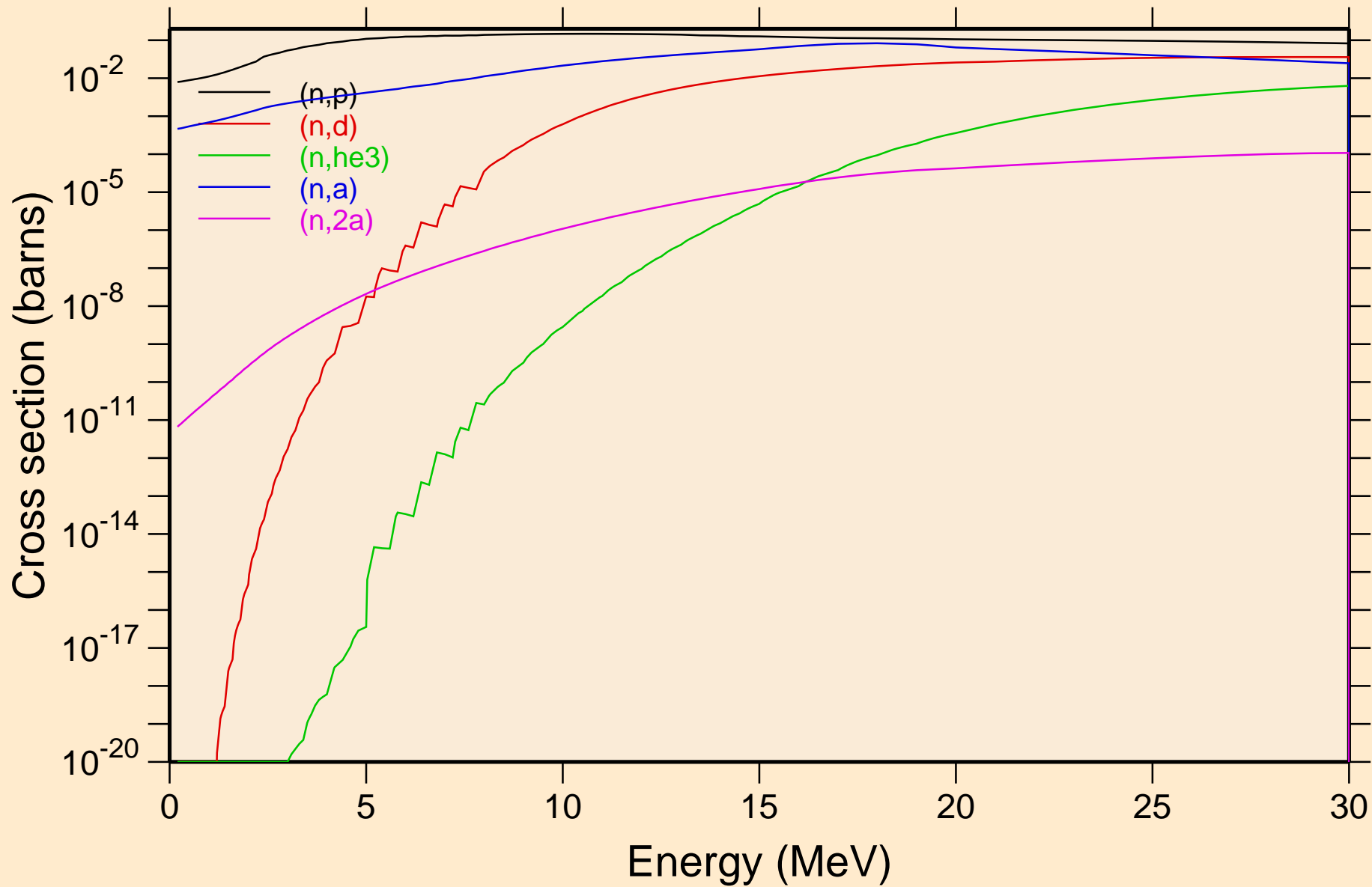
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



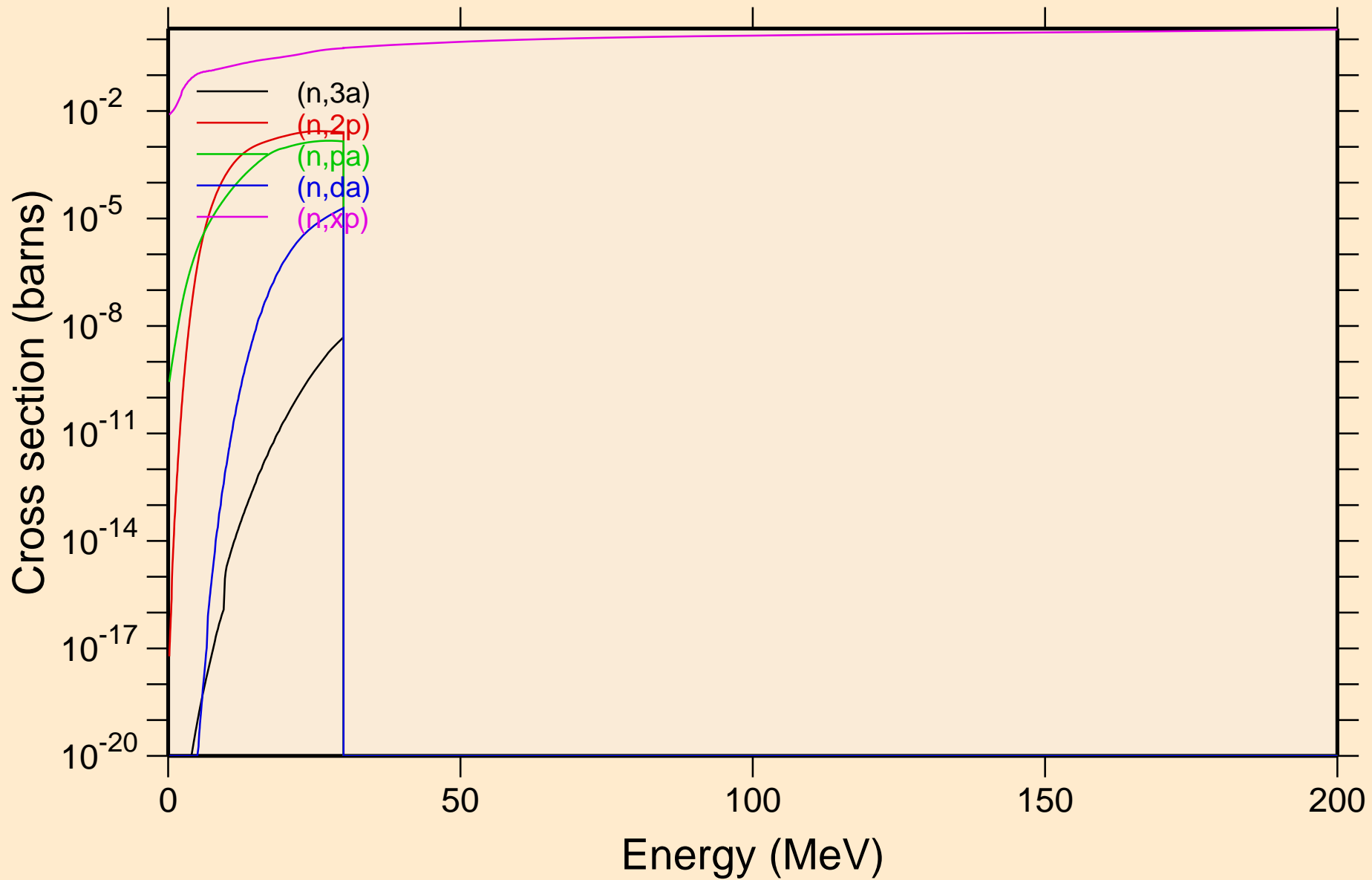
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Non-threshold reactions



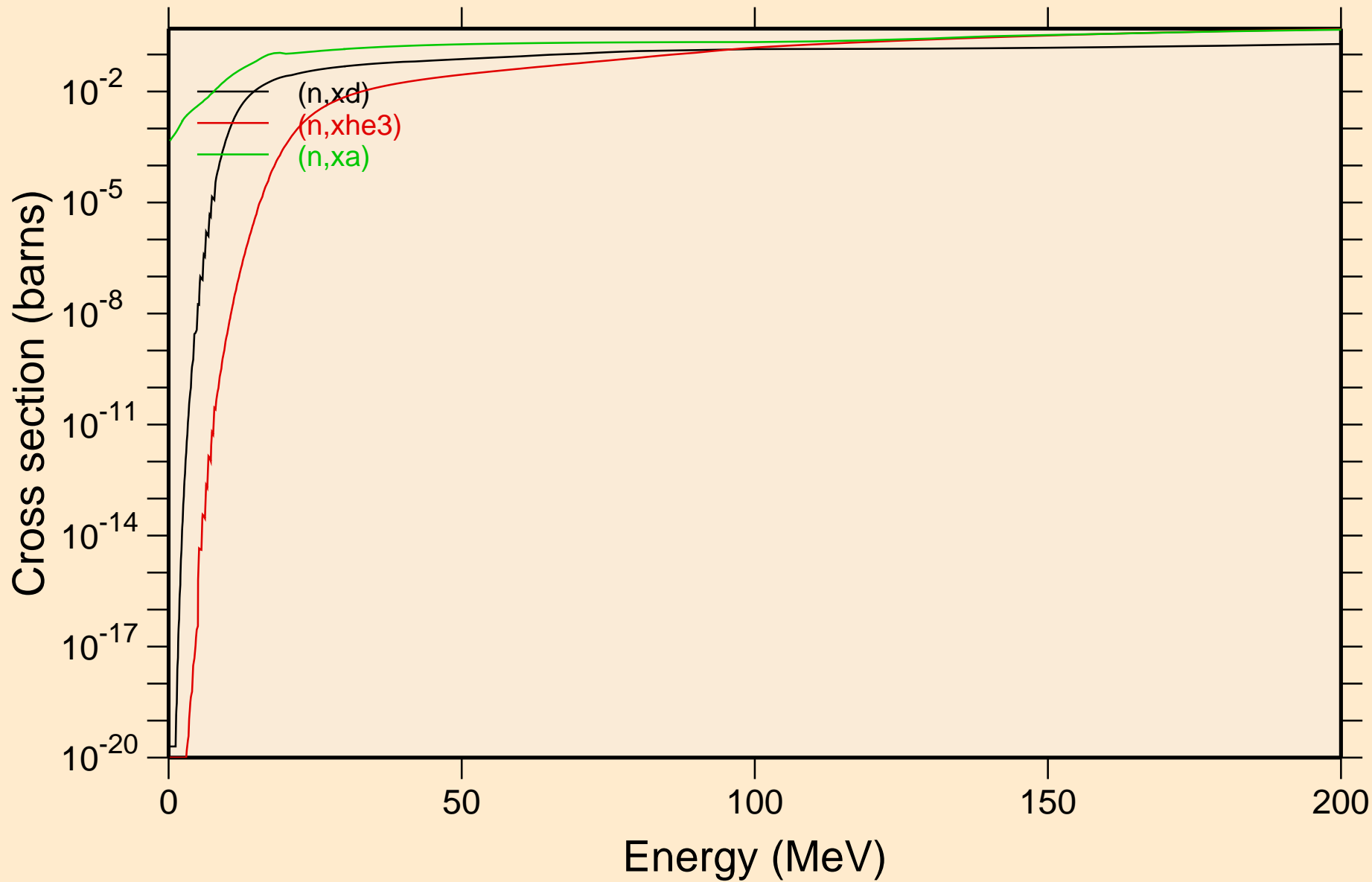
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Non-threshold reactions



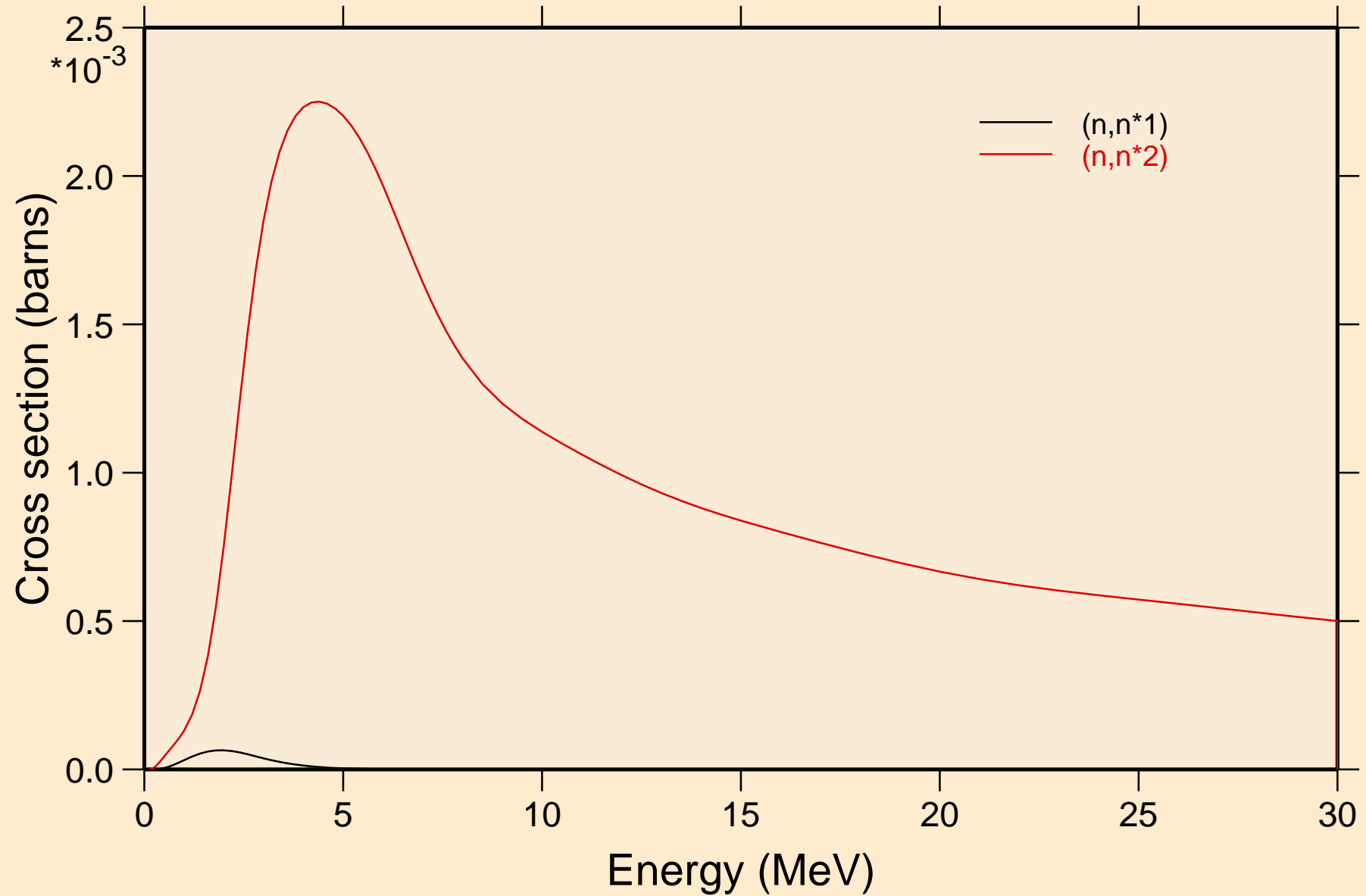
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Non-threshold reactions



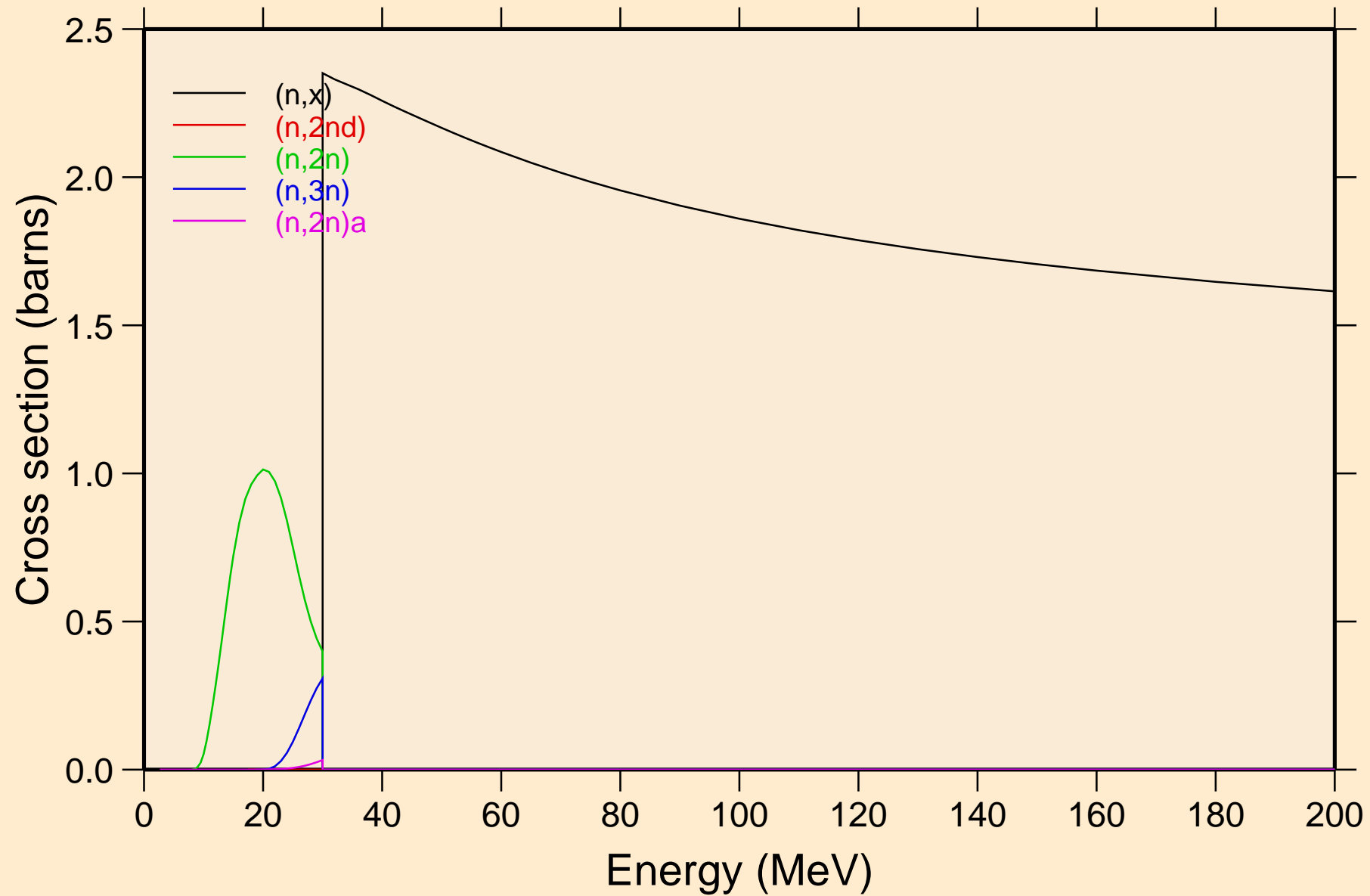
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

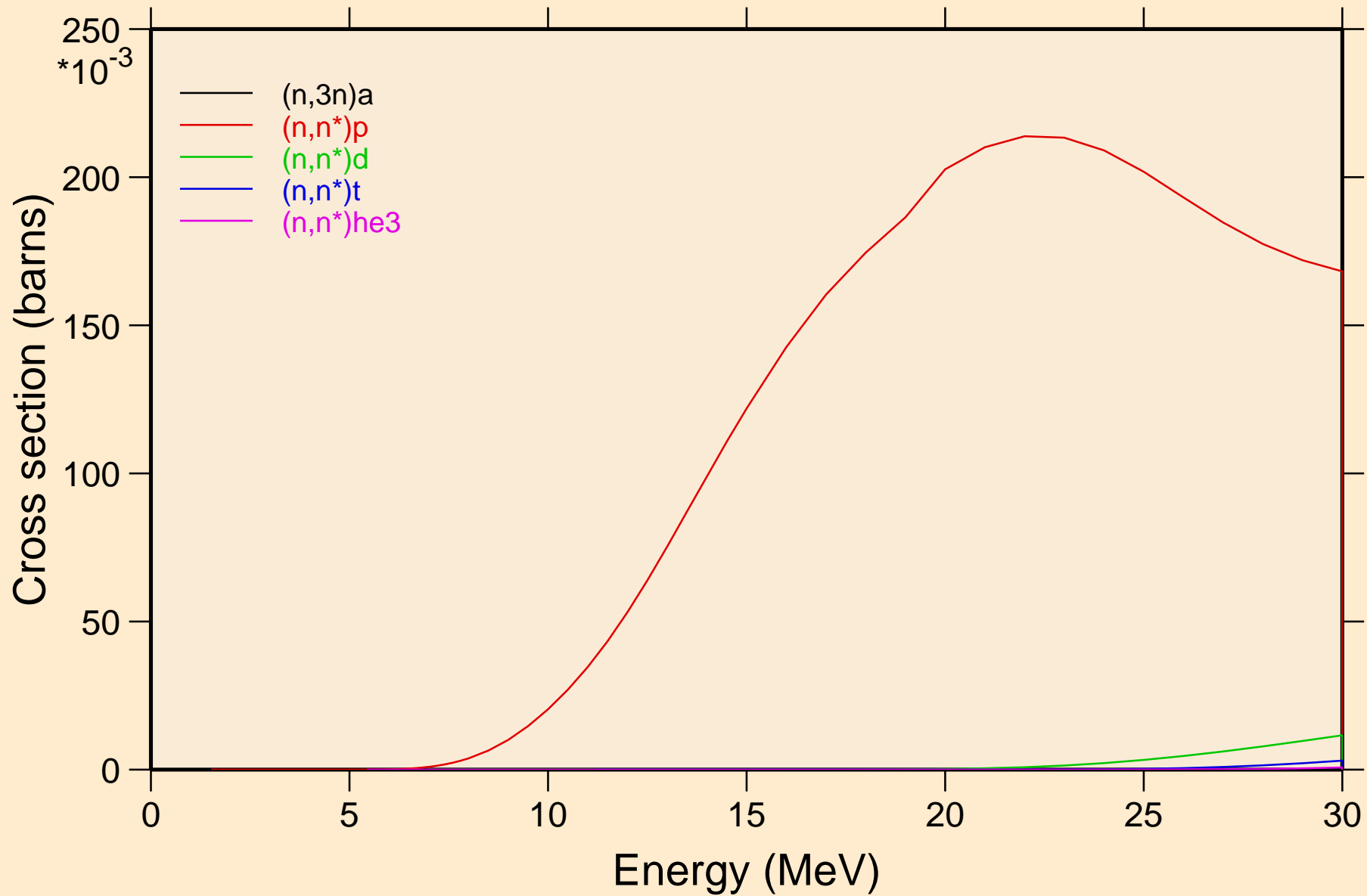


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

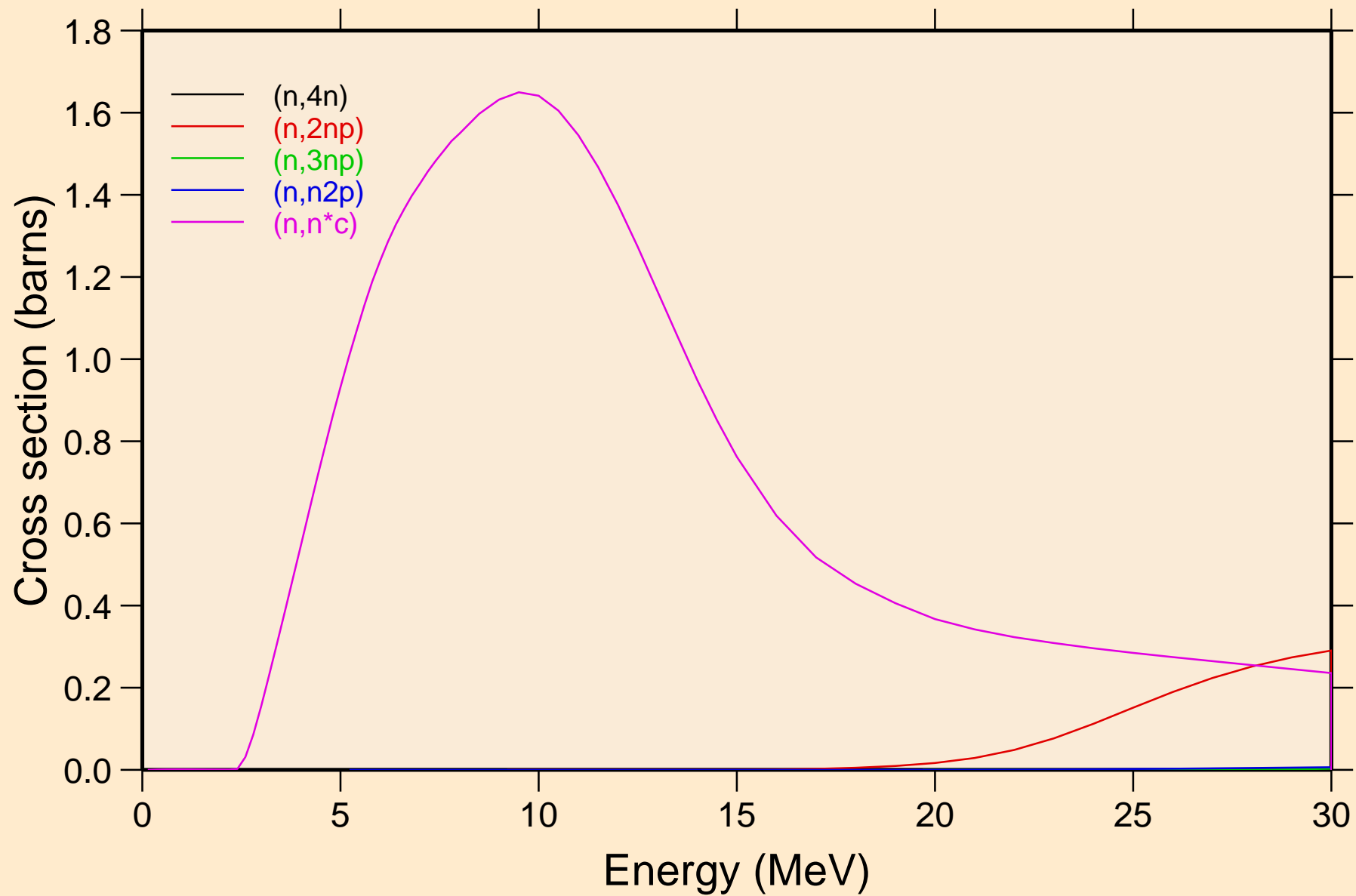




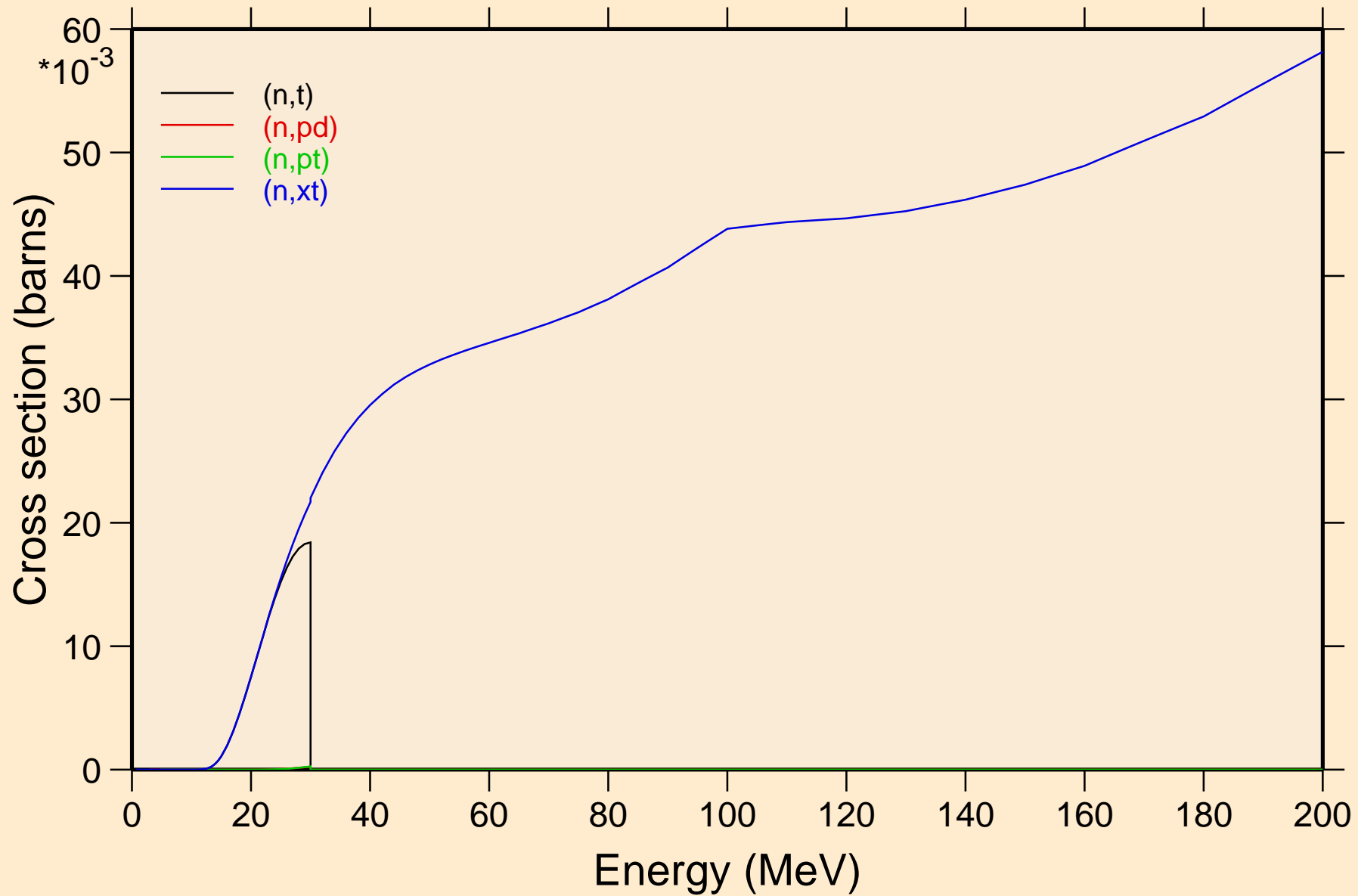
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



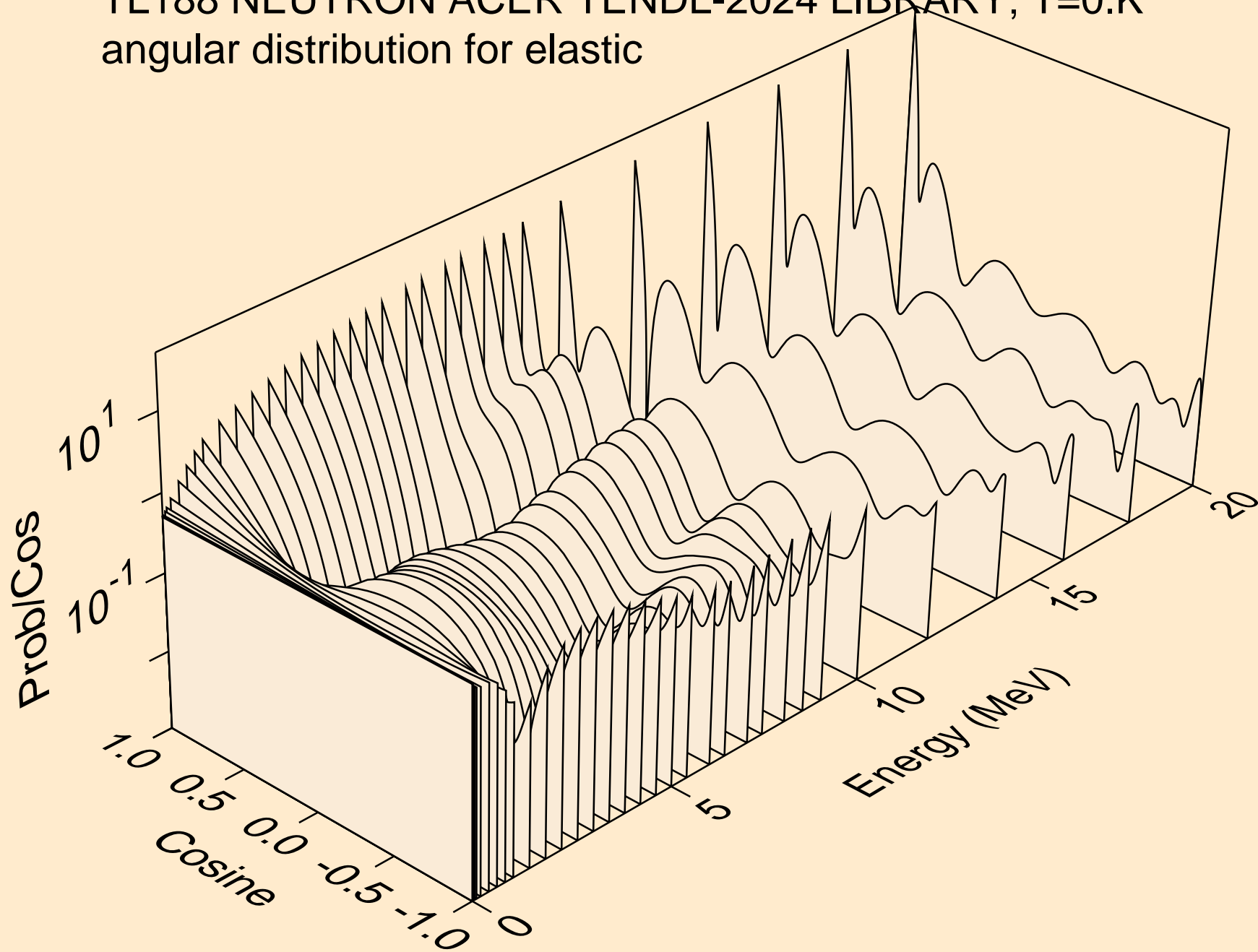
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



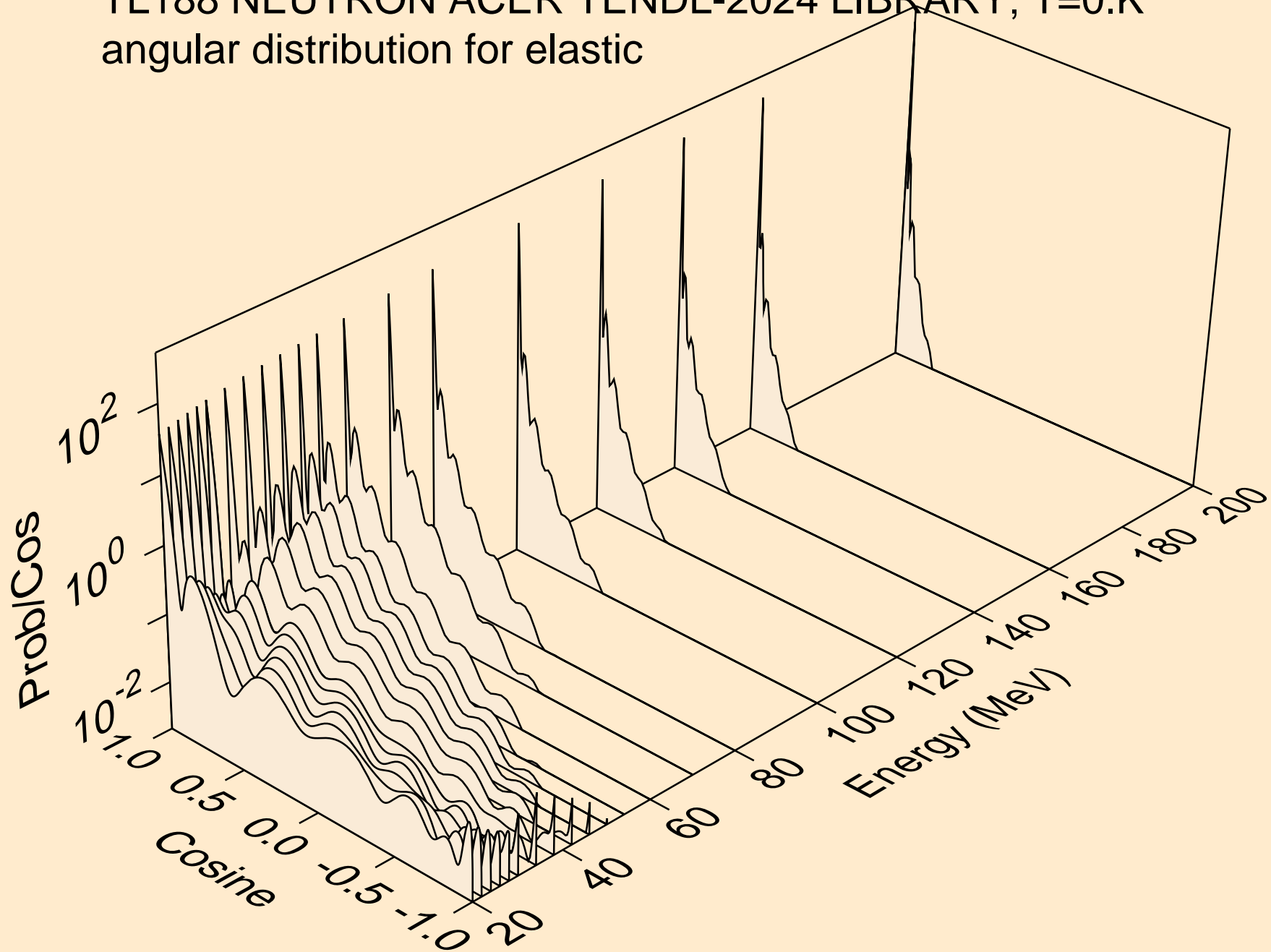
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



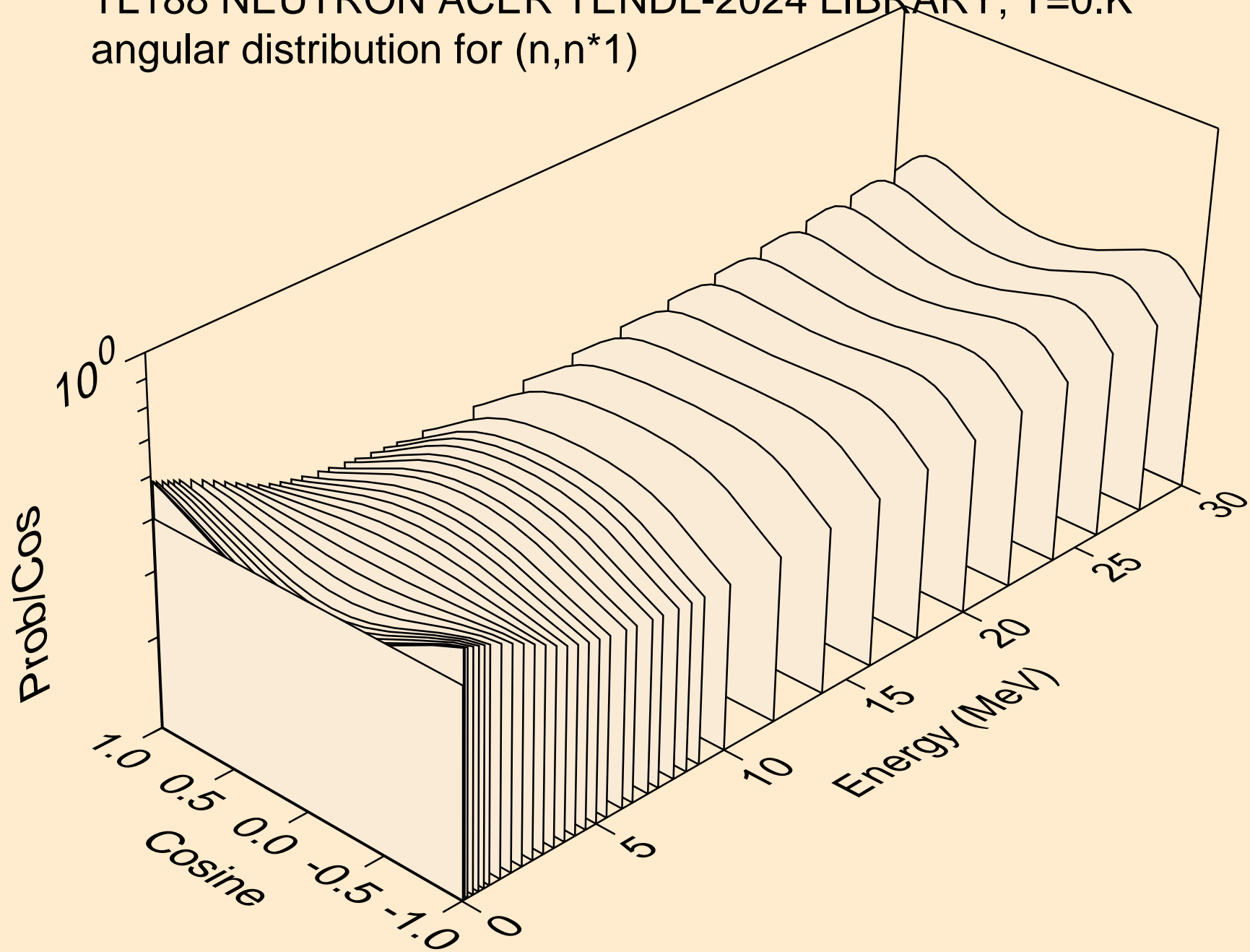
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



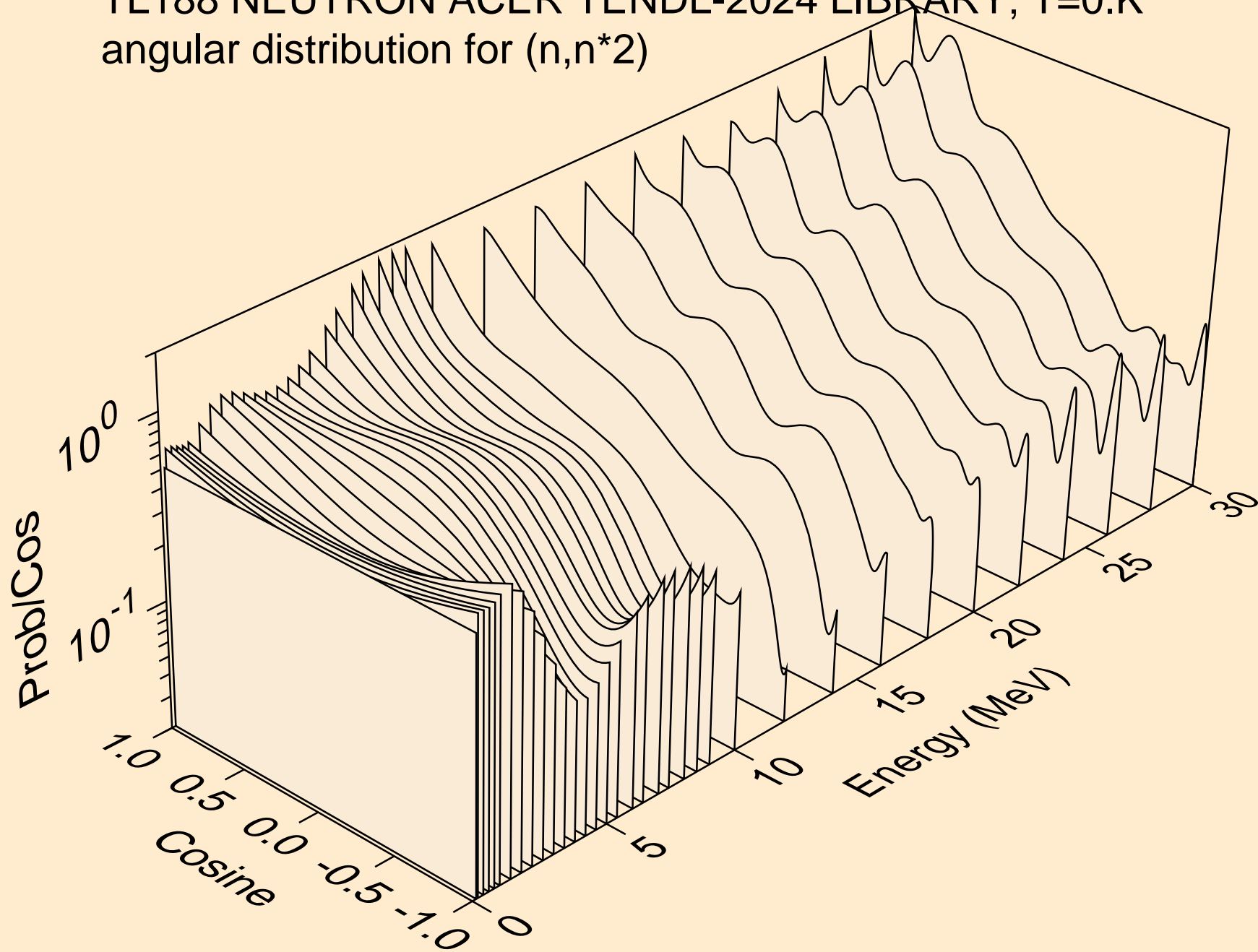
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



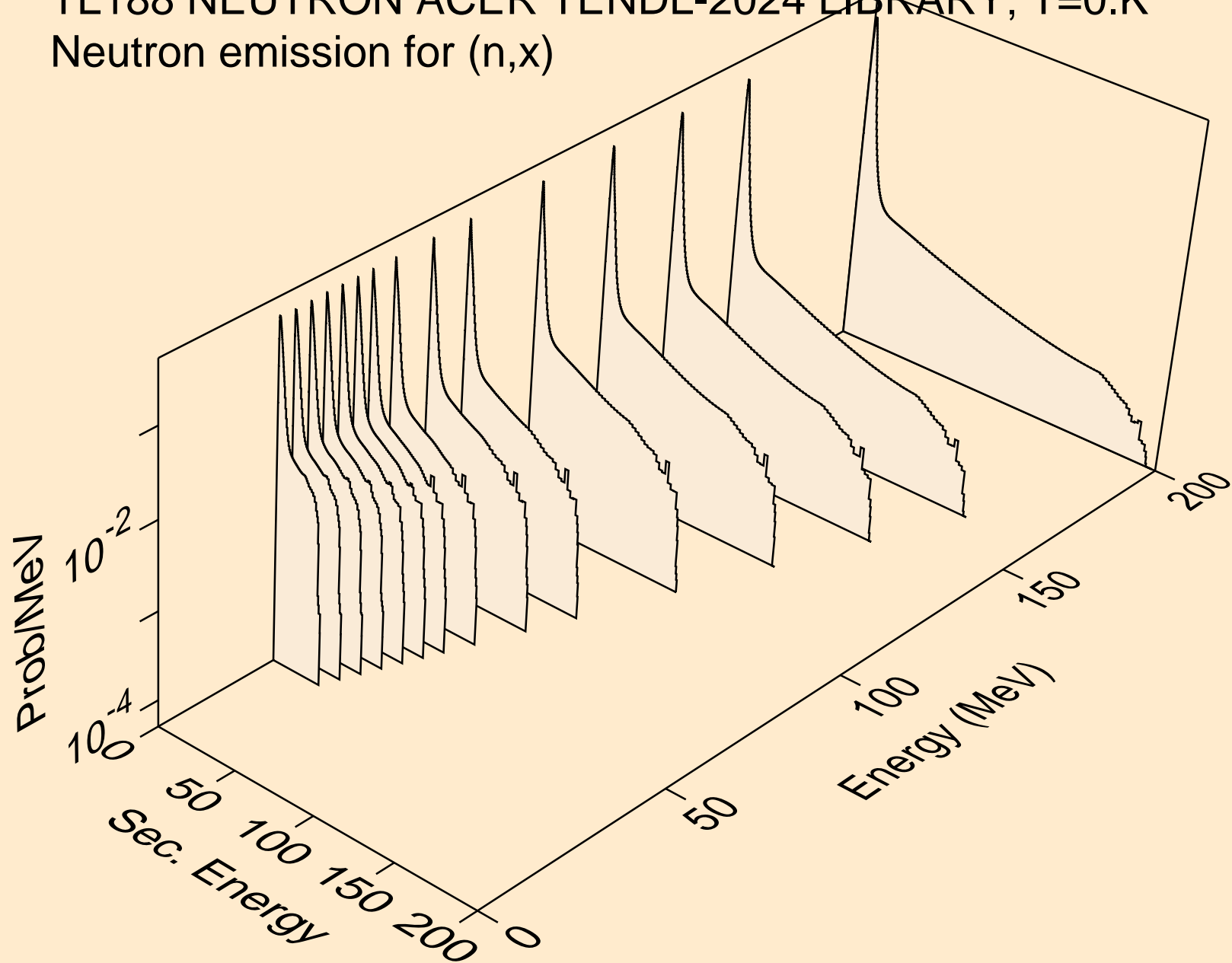
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

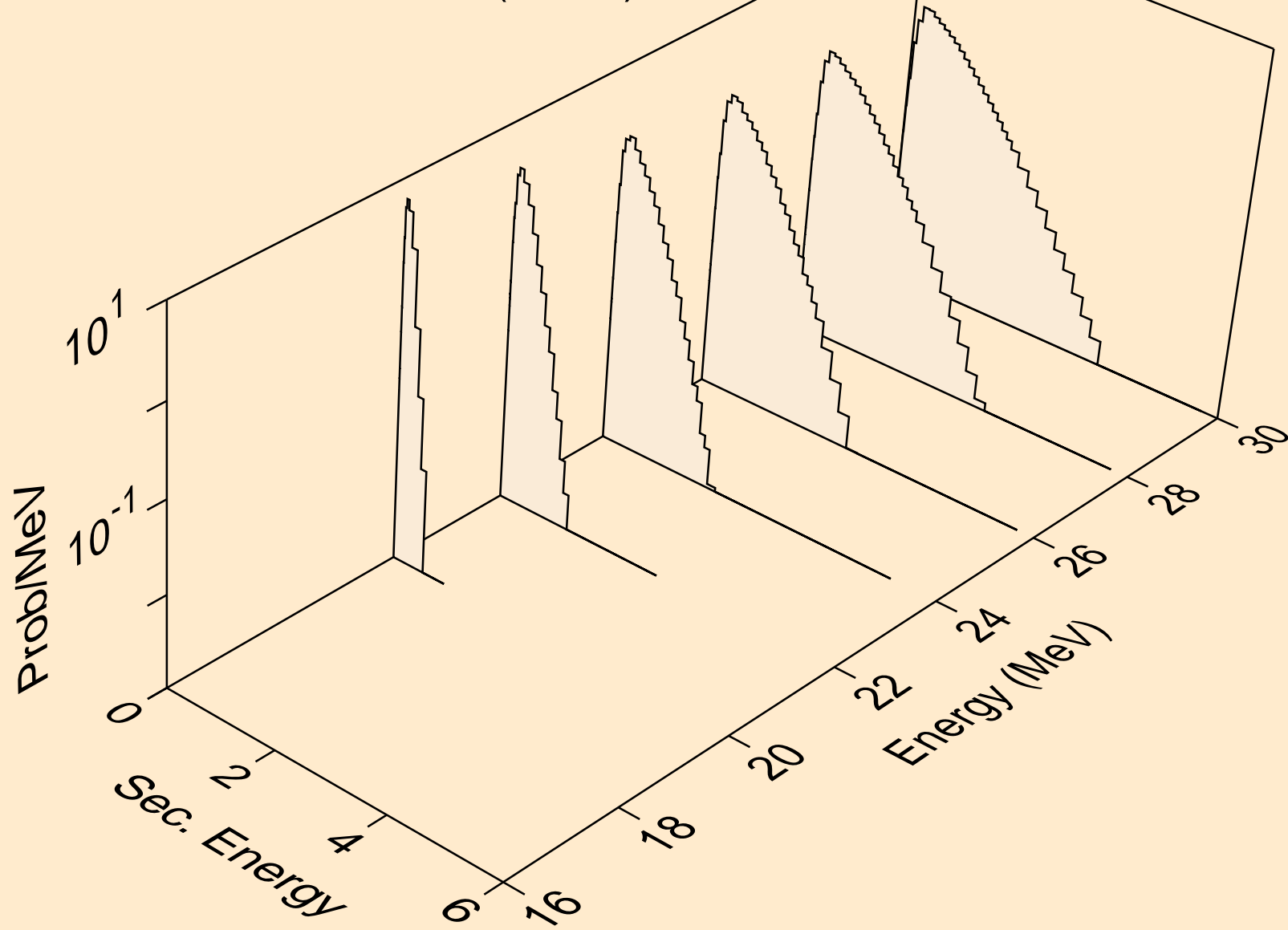


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

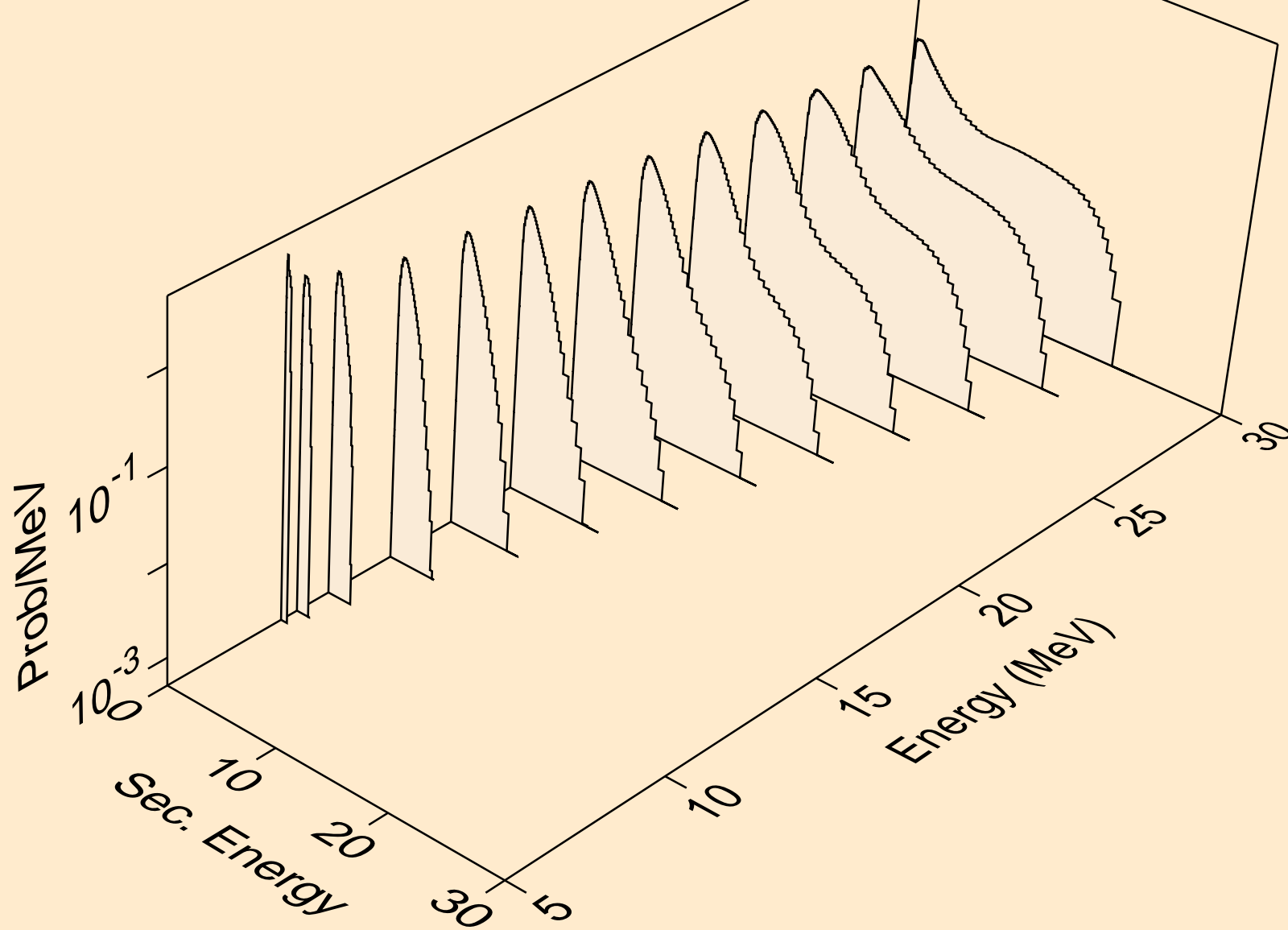




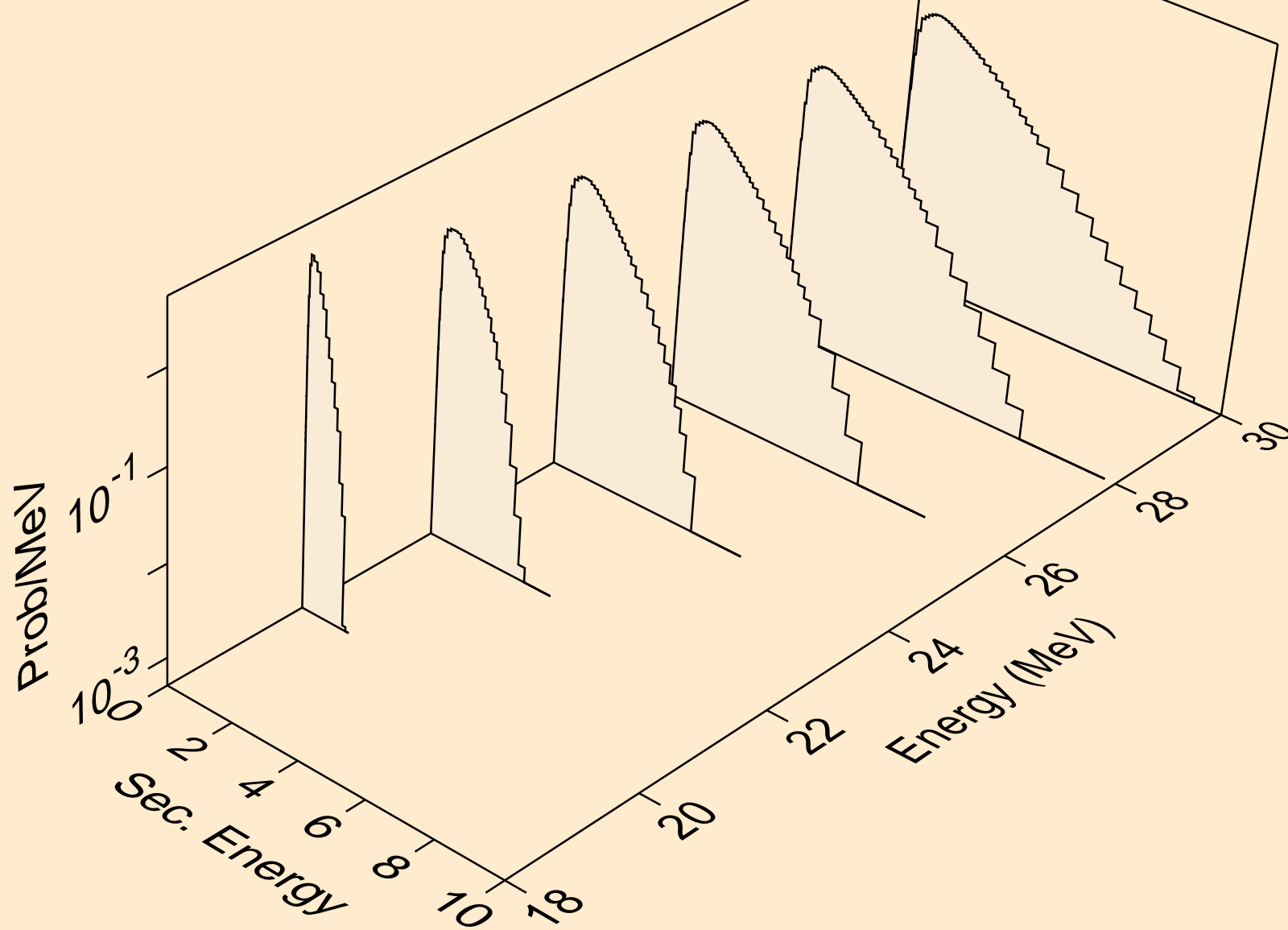
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



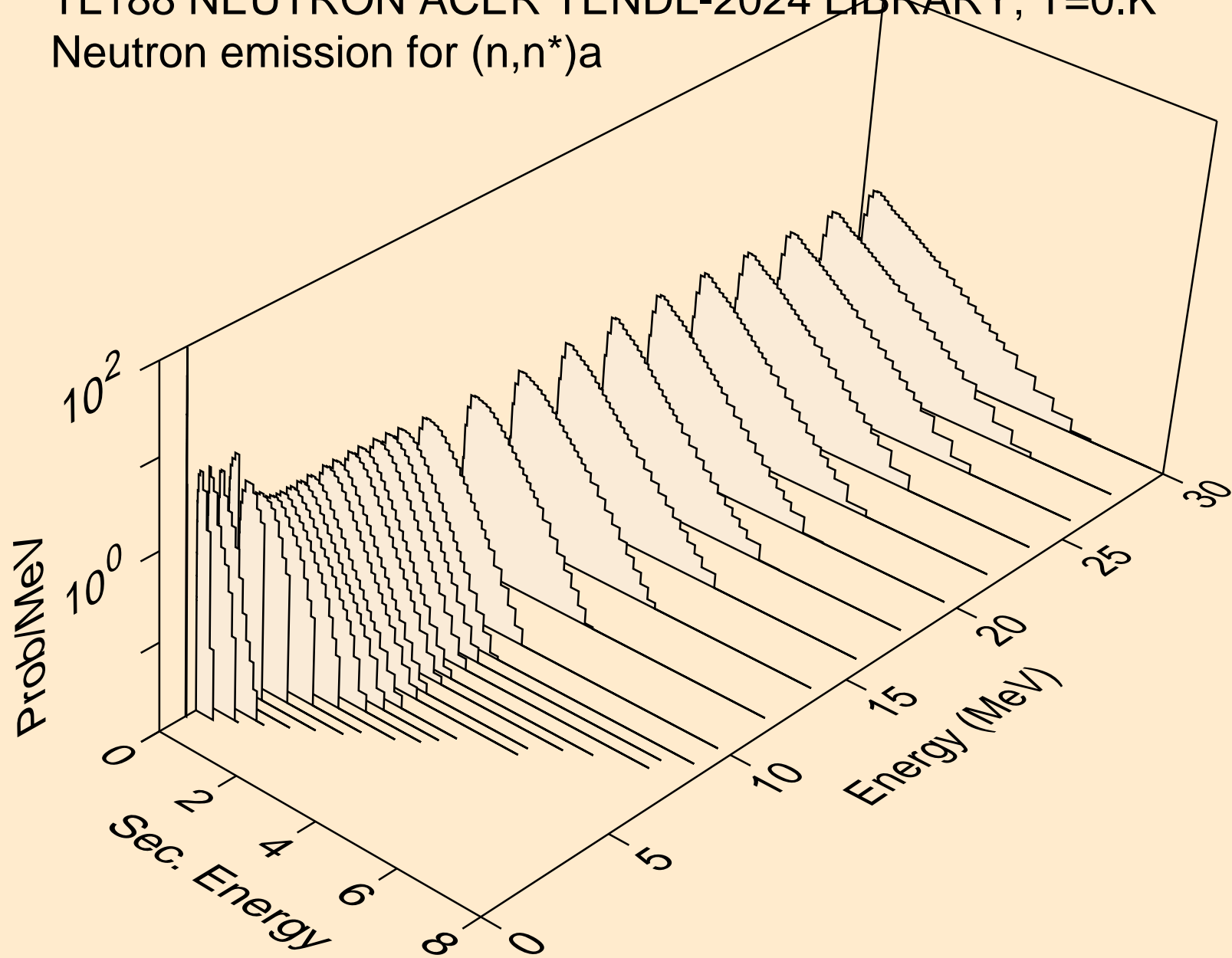
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Neutron emission for (n,2n)



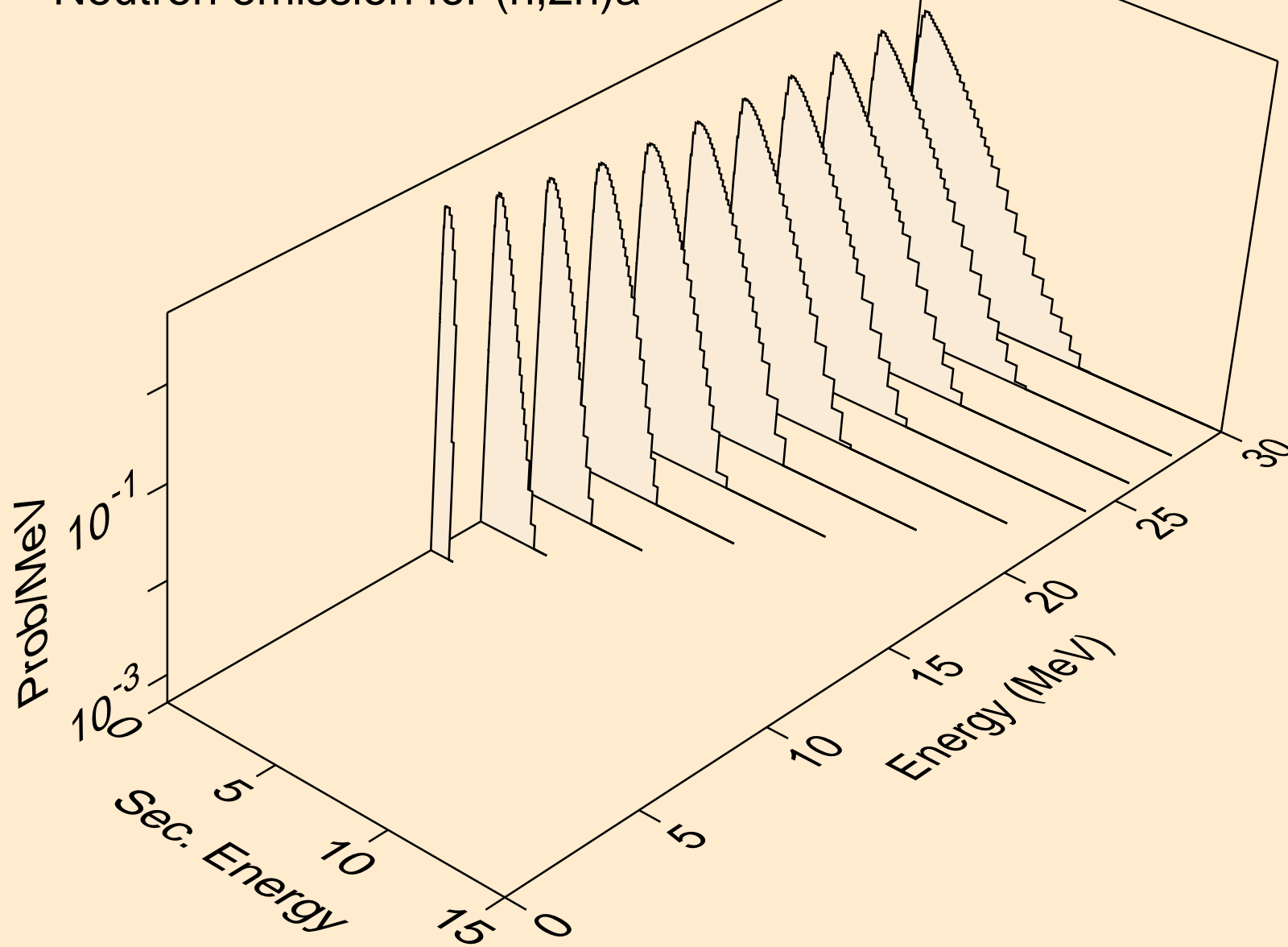
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



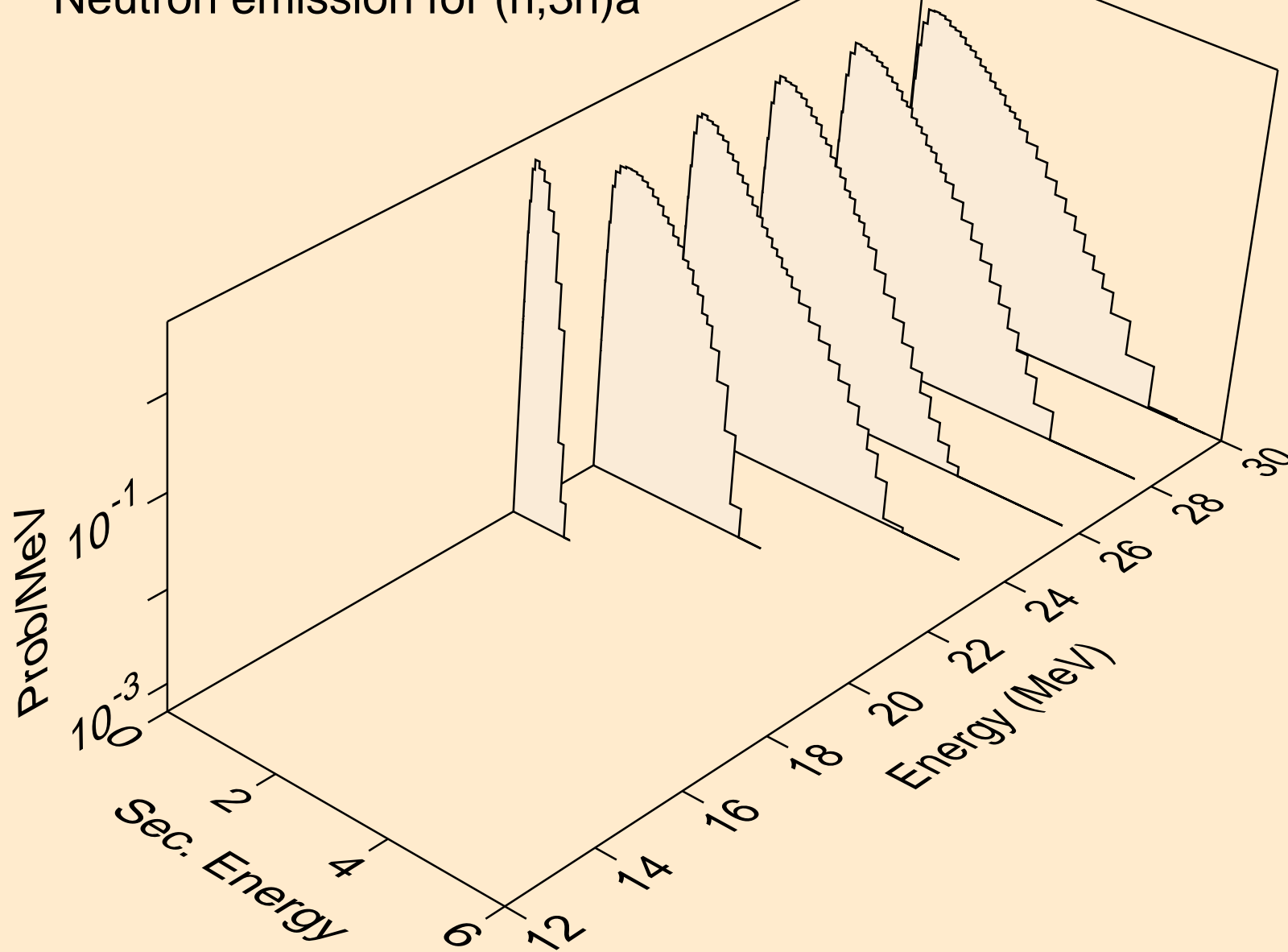
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



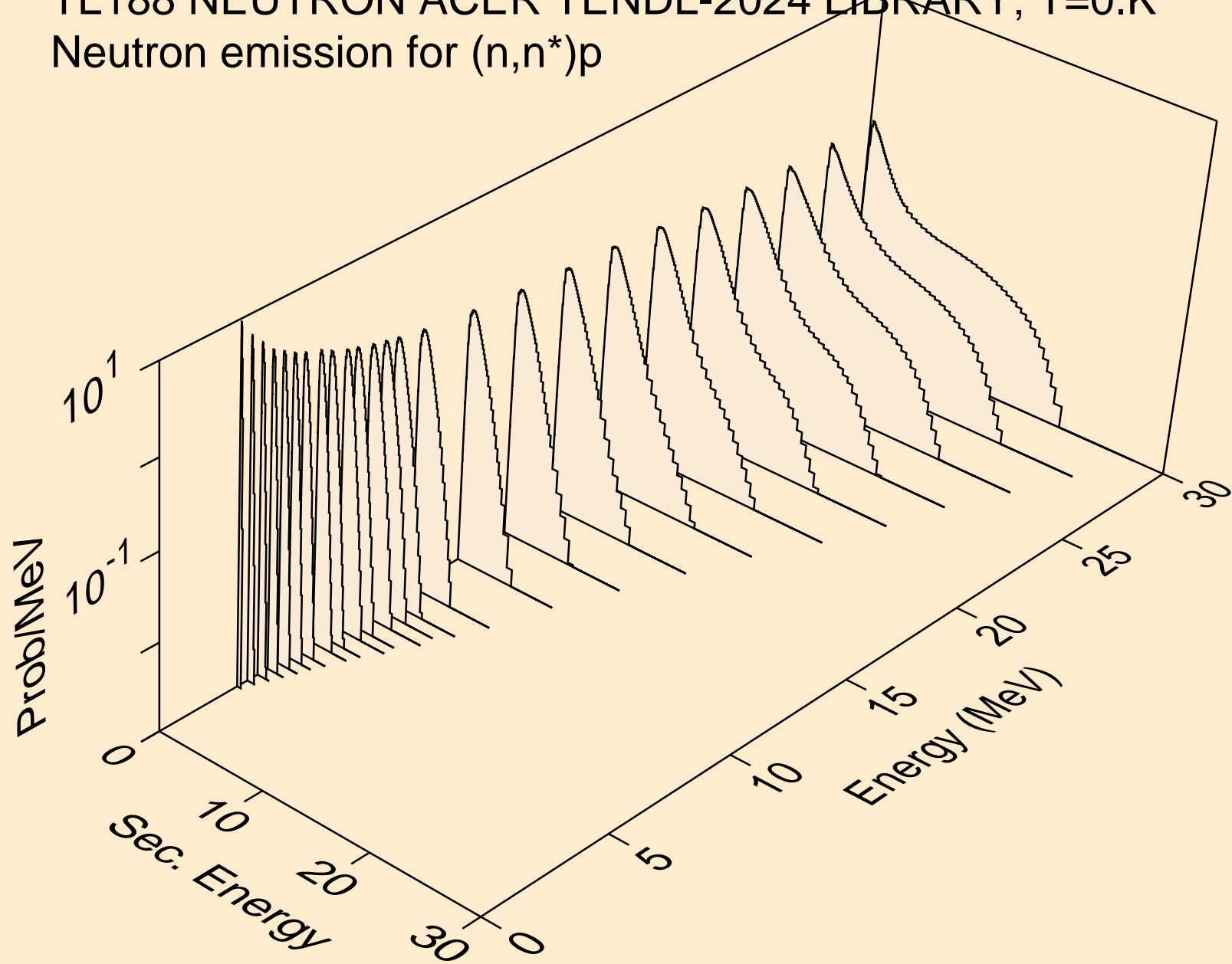
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



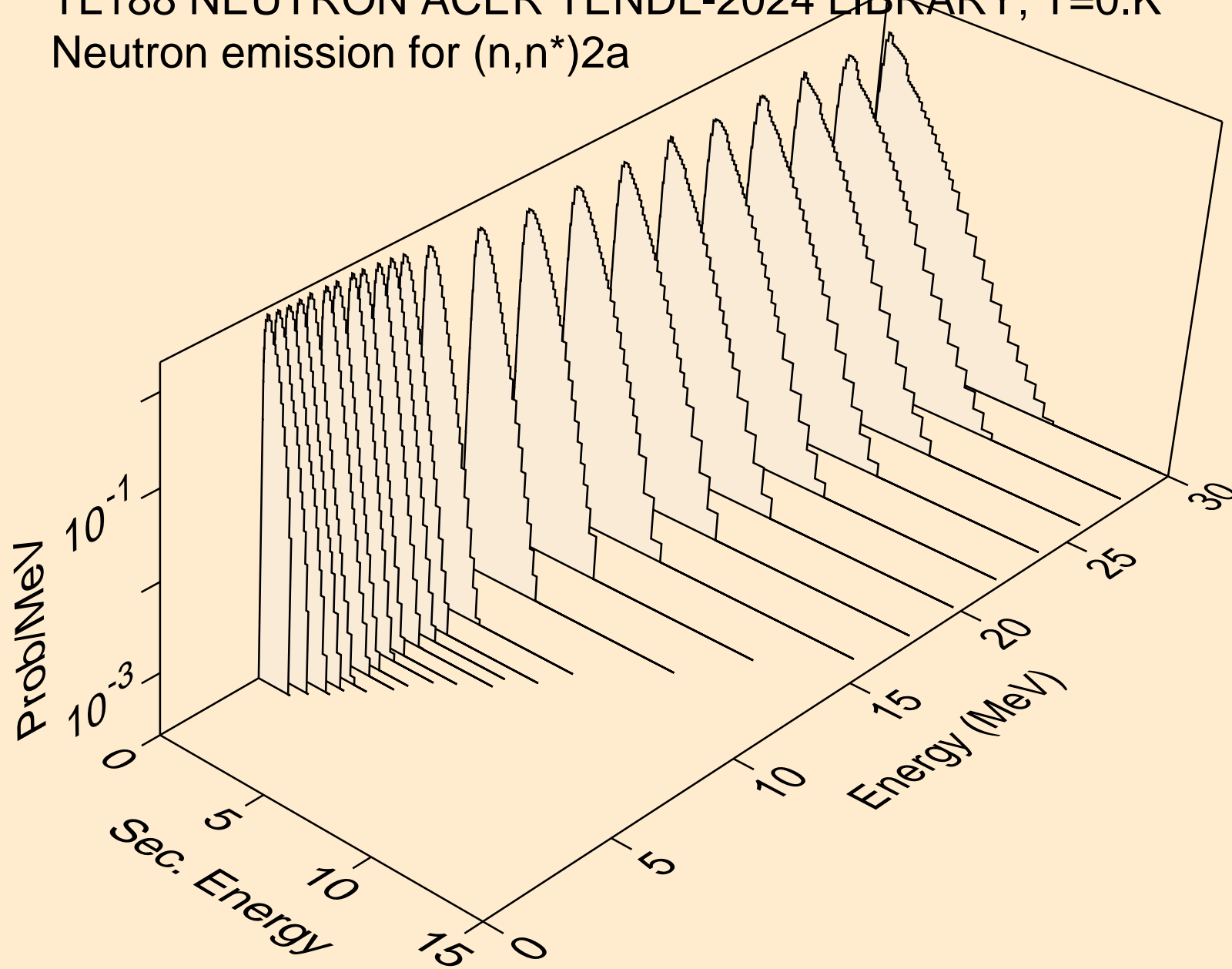
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

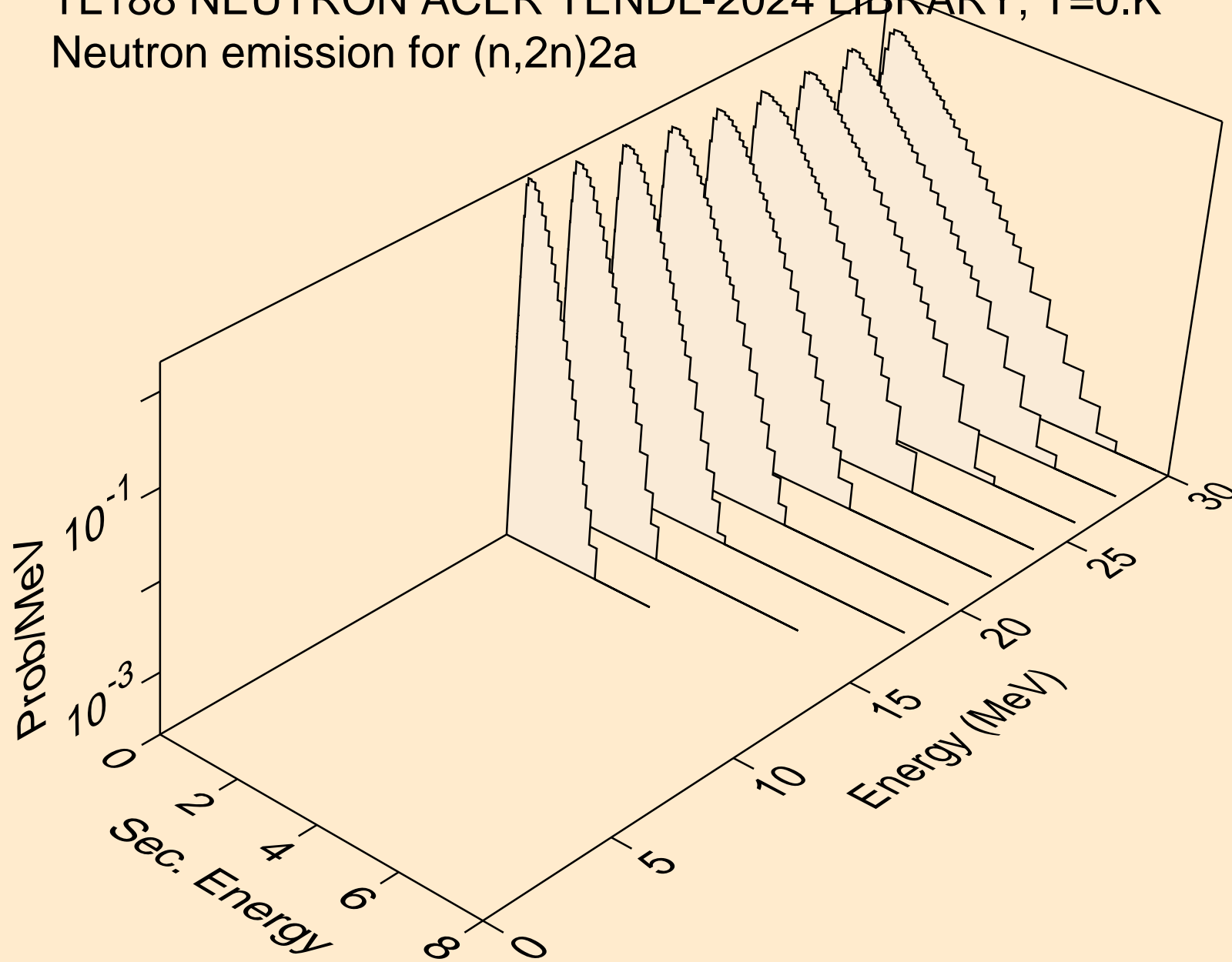


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

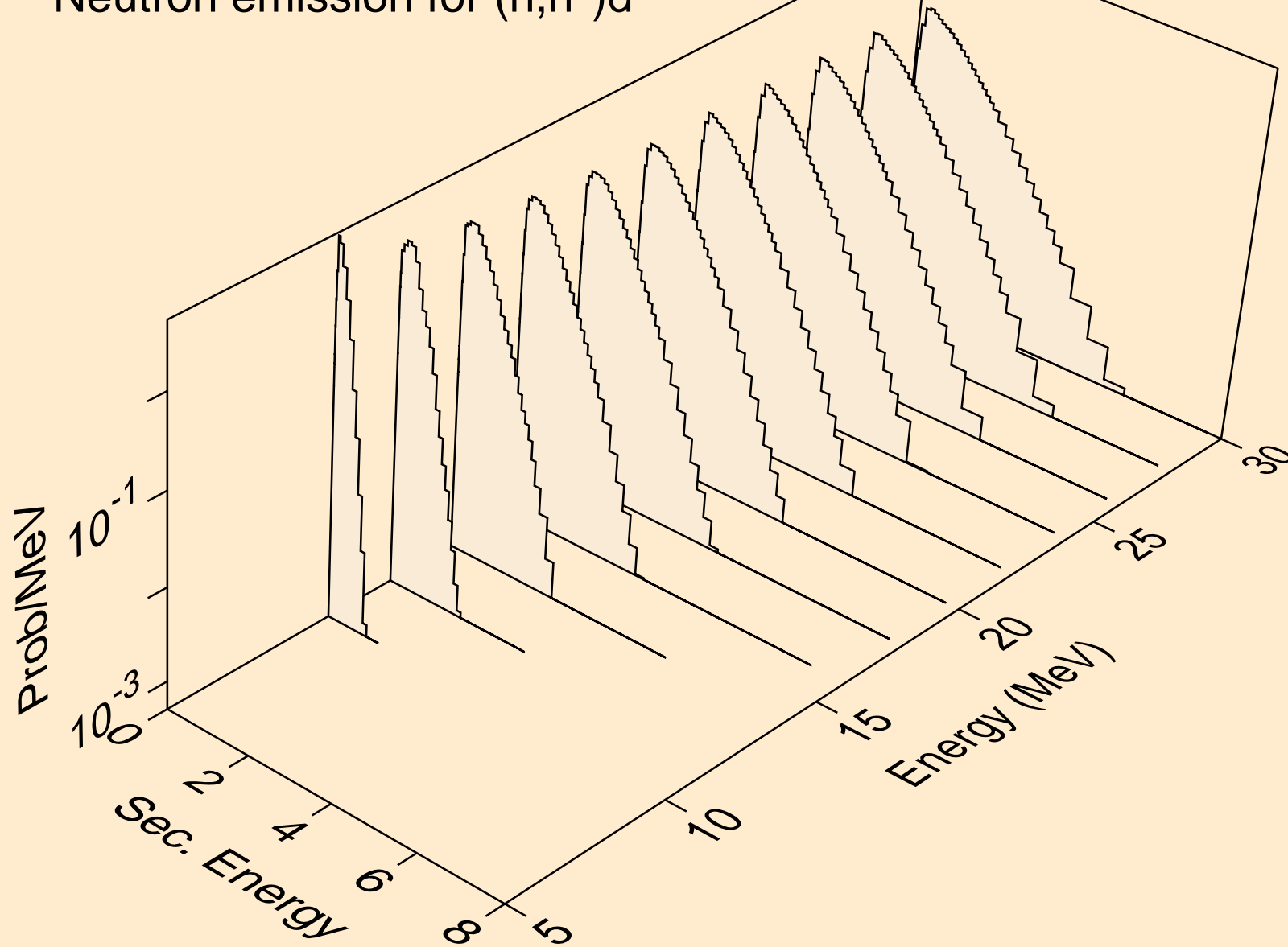




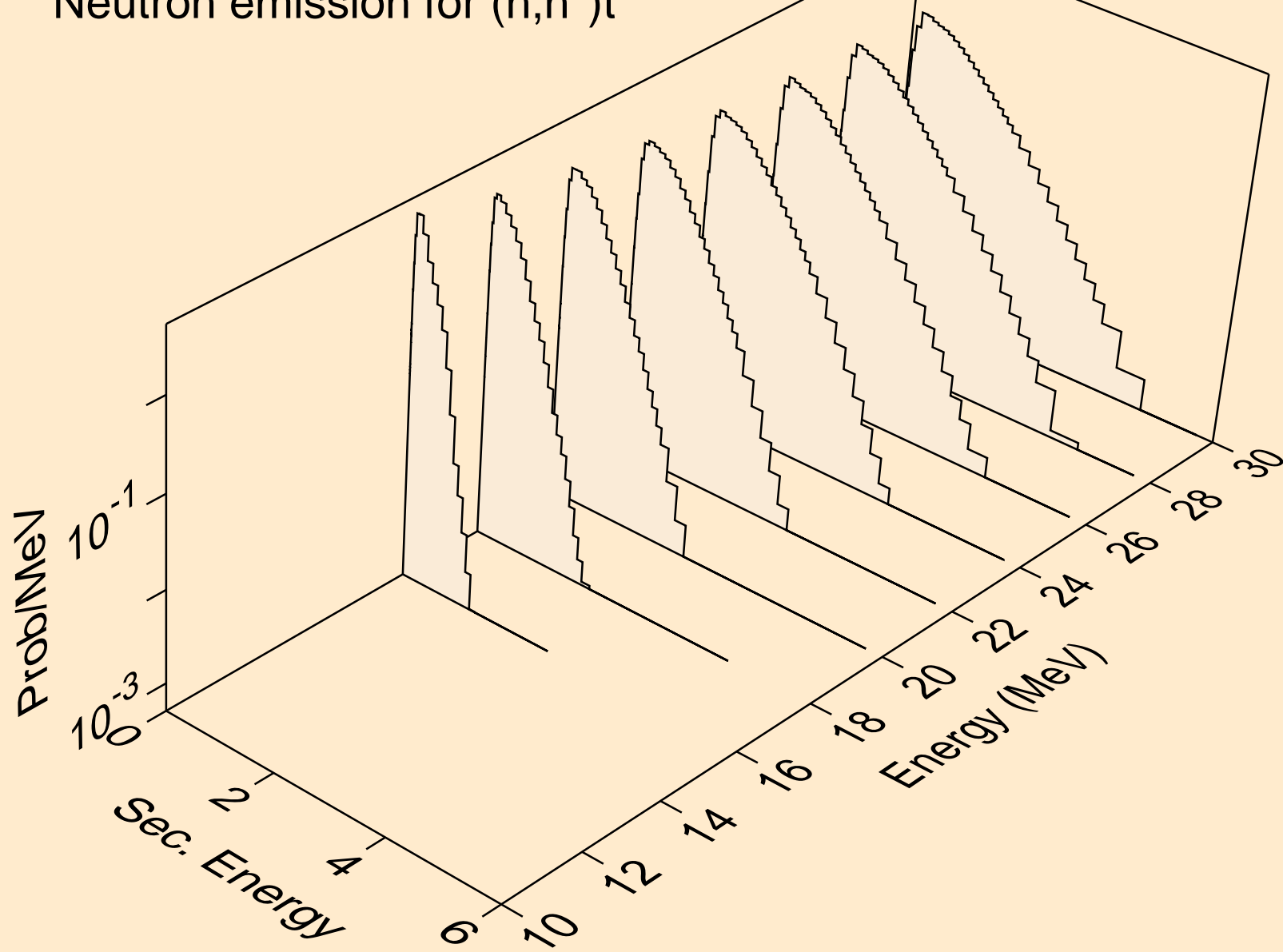
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



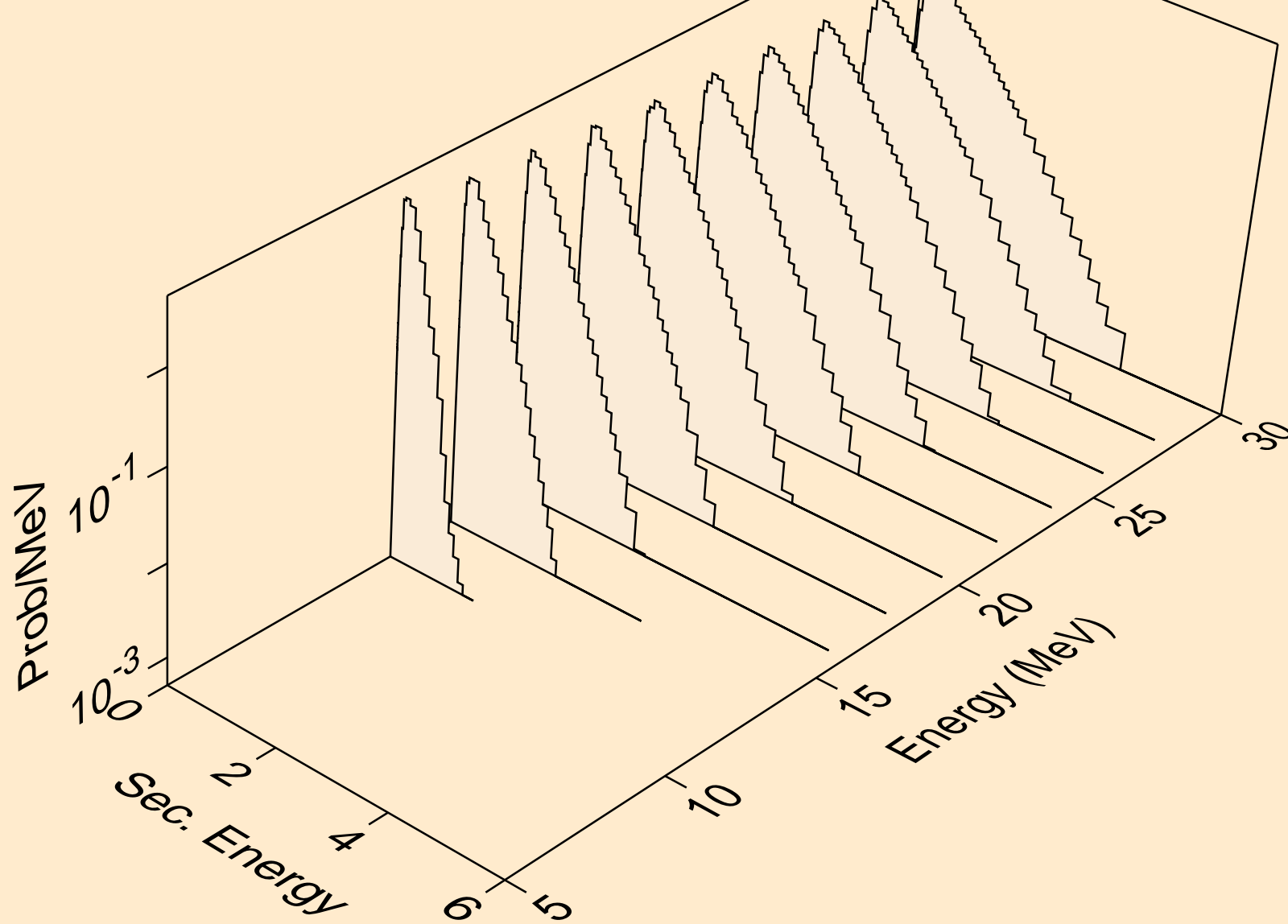
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



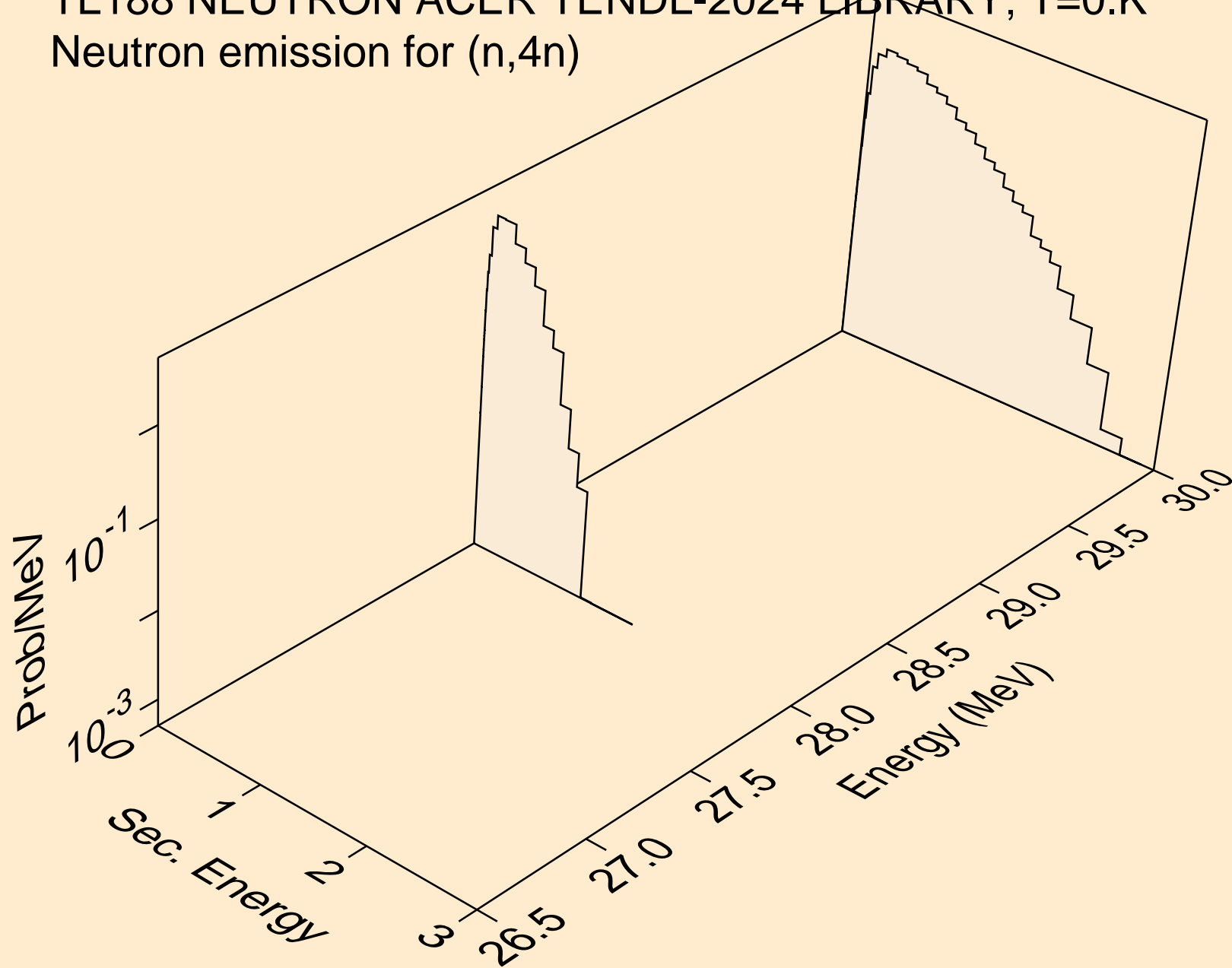
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



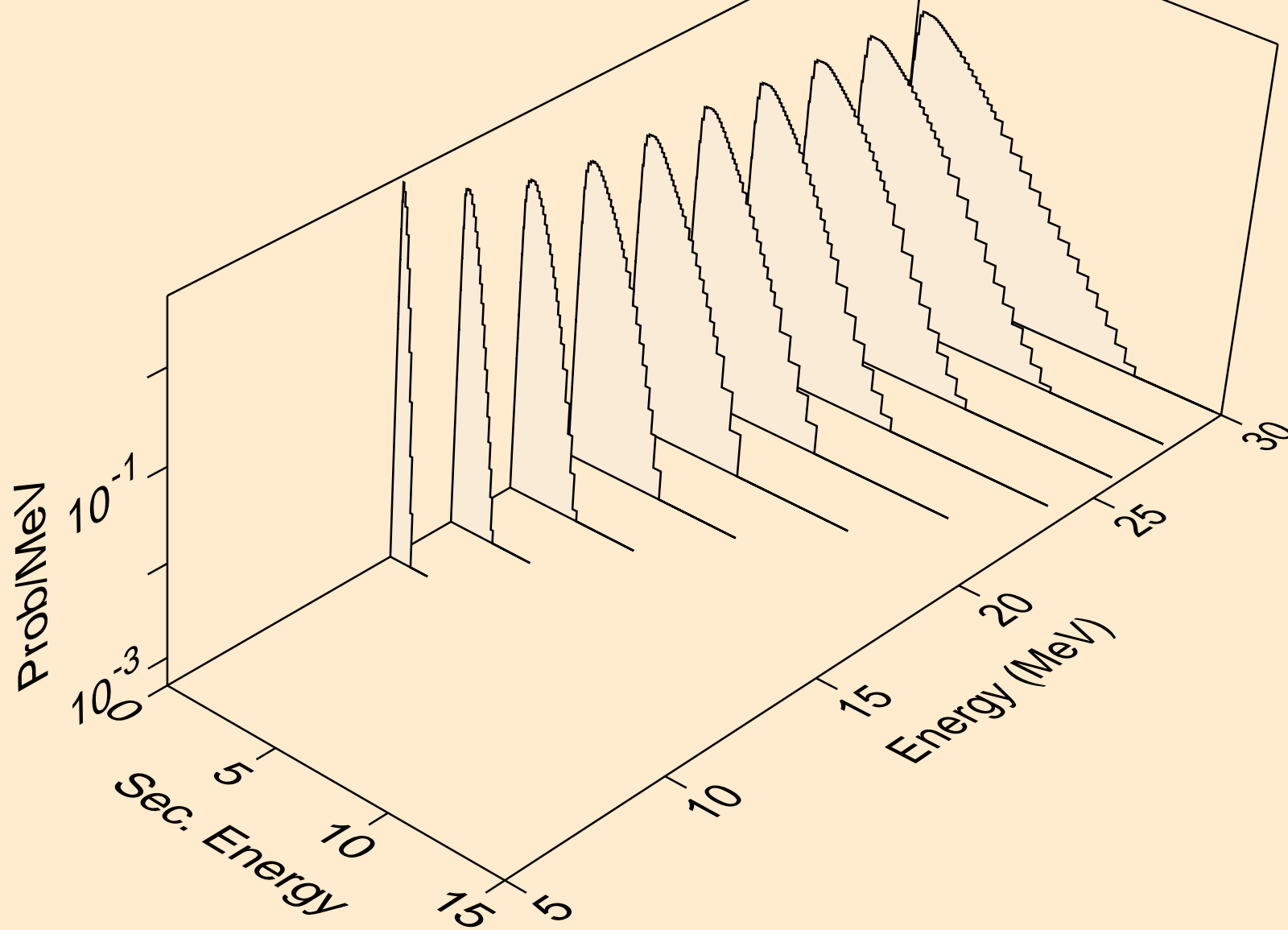
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



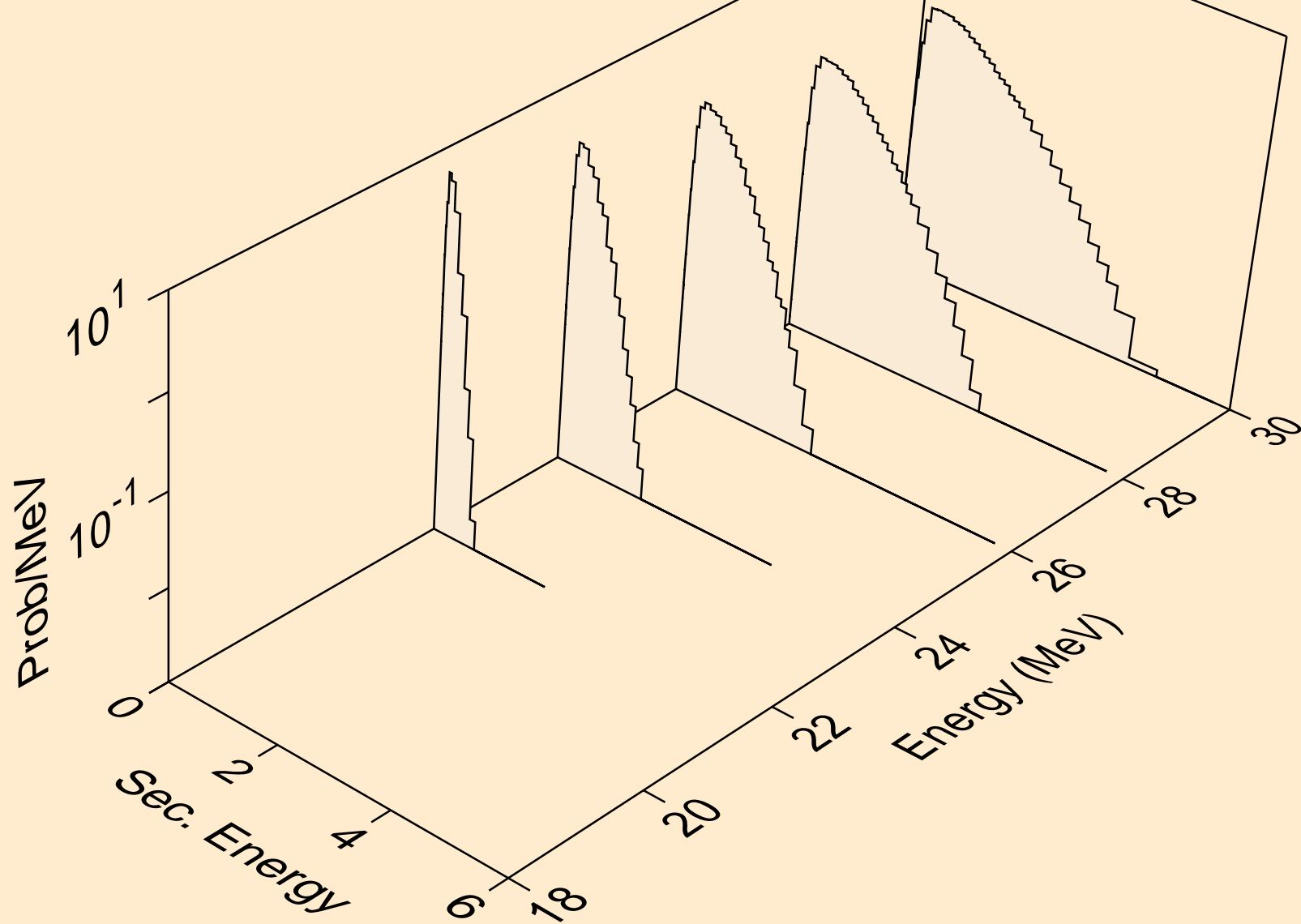
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



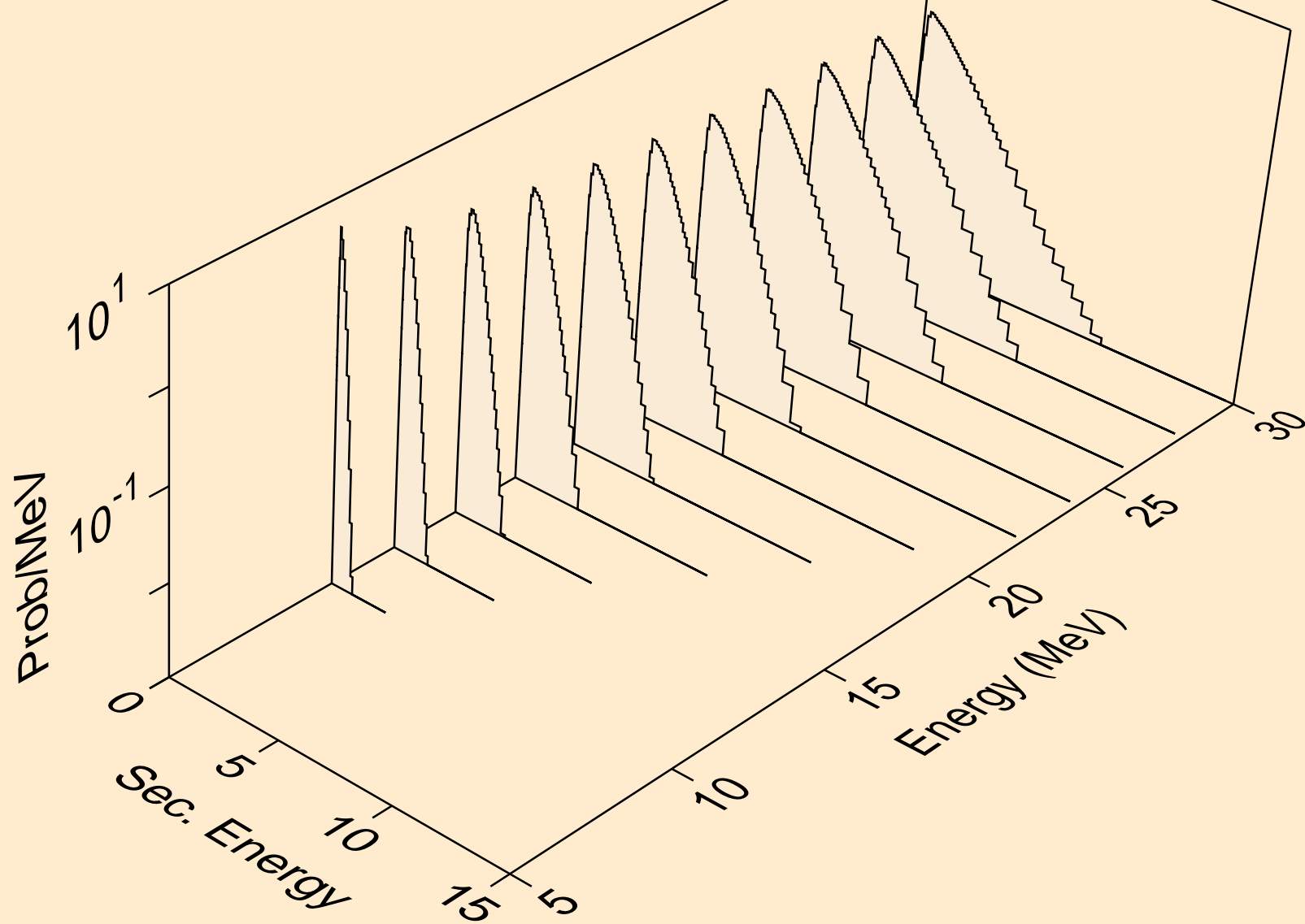
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

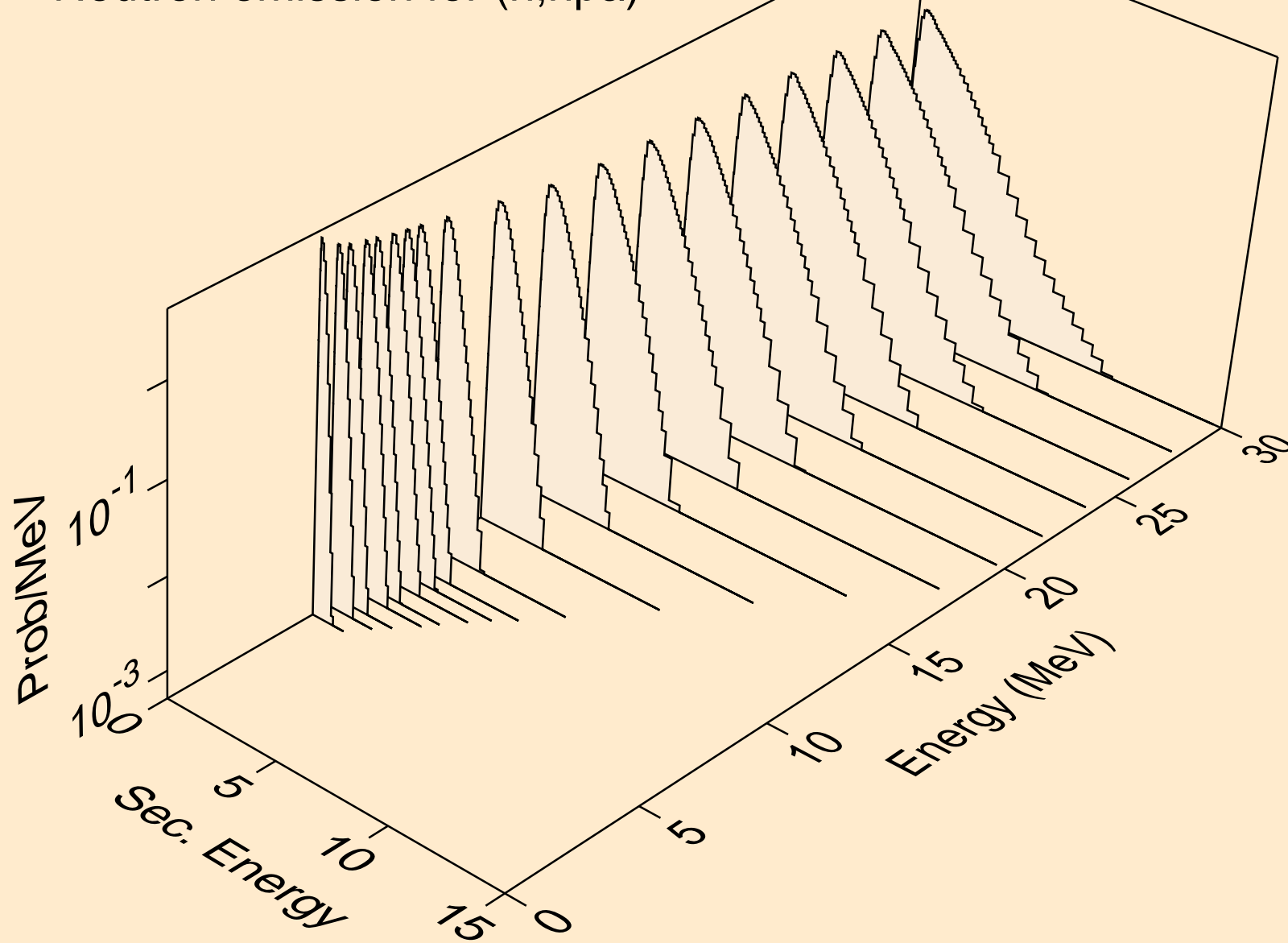


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

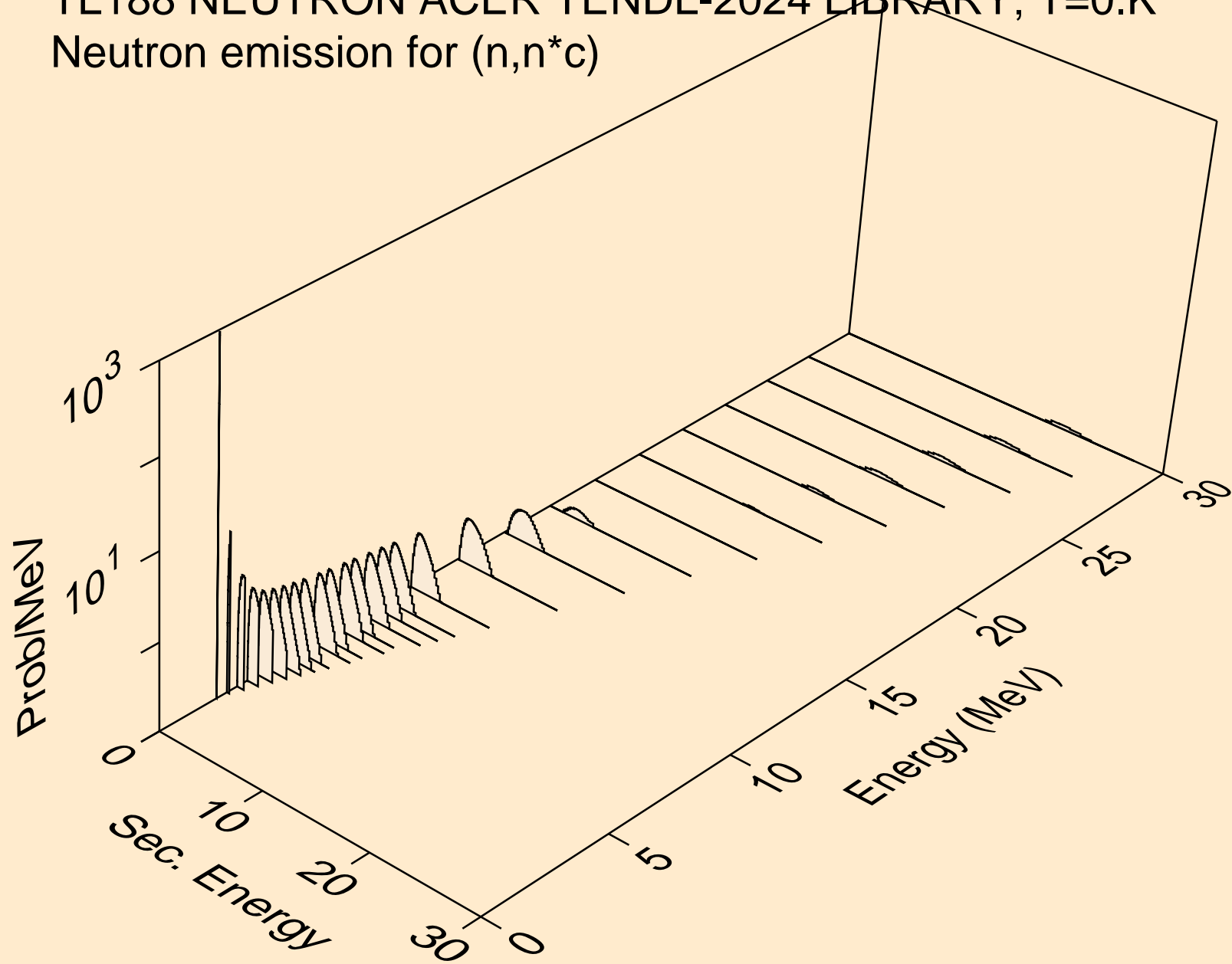




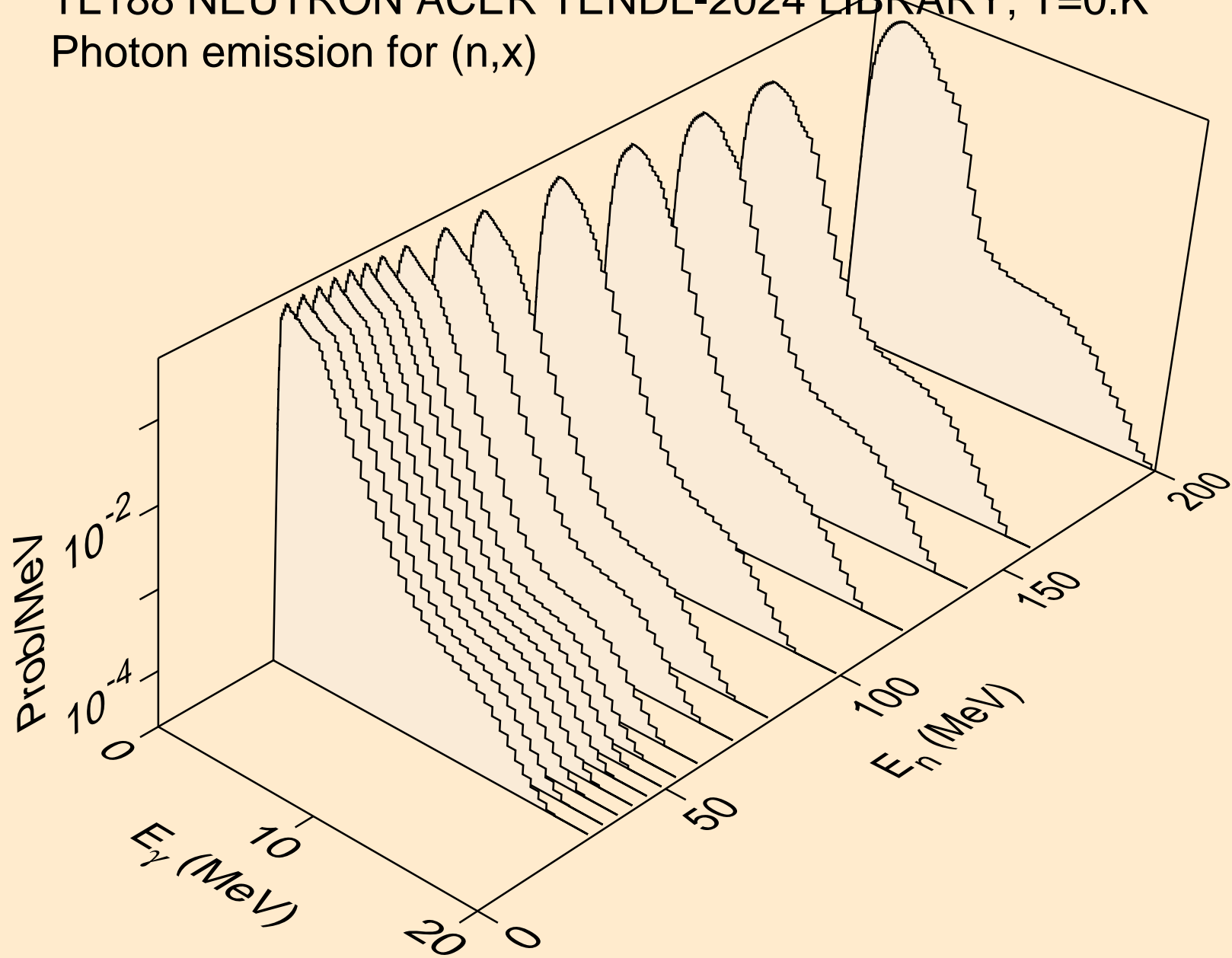
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



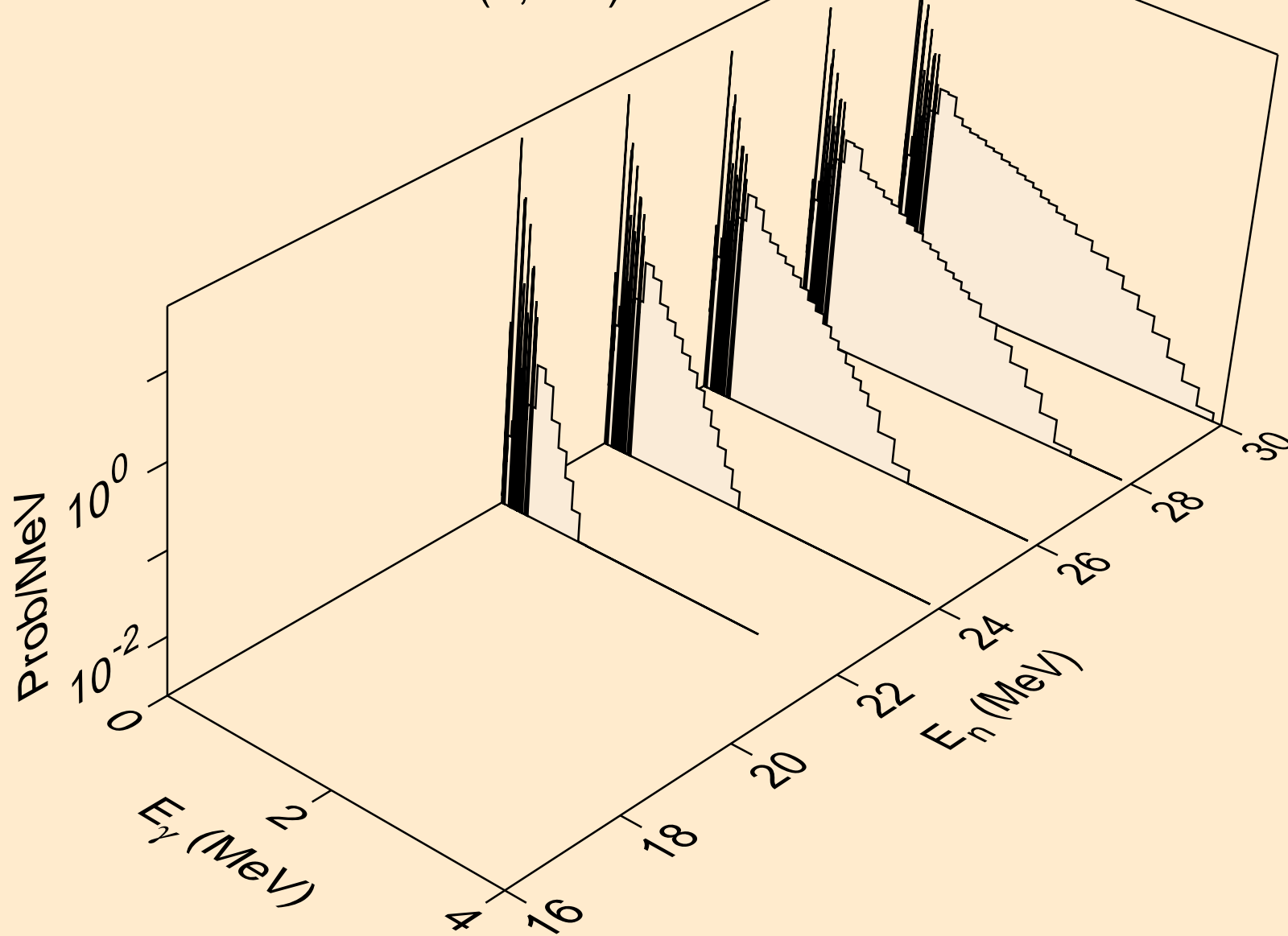
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



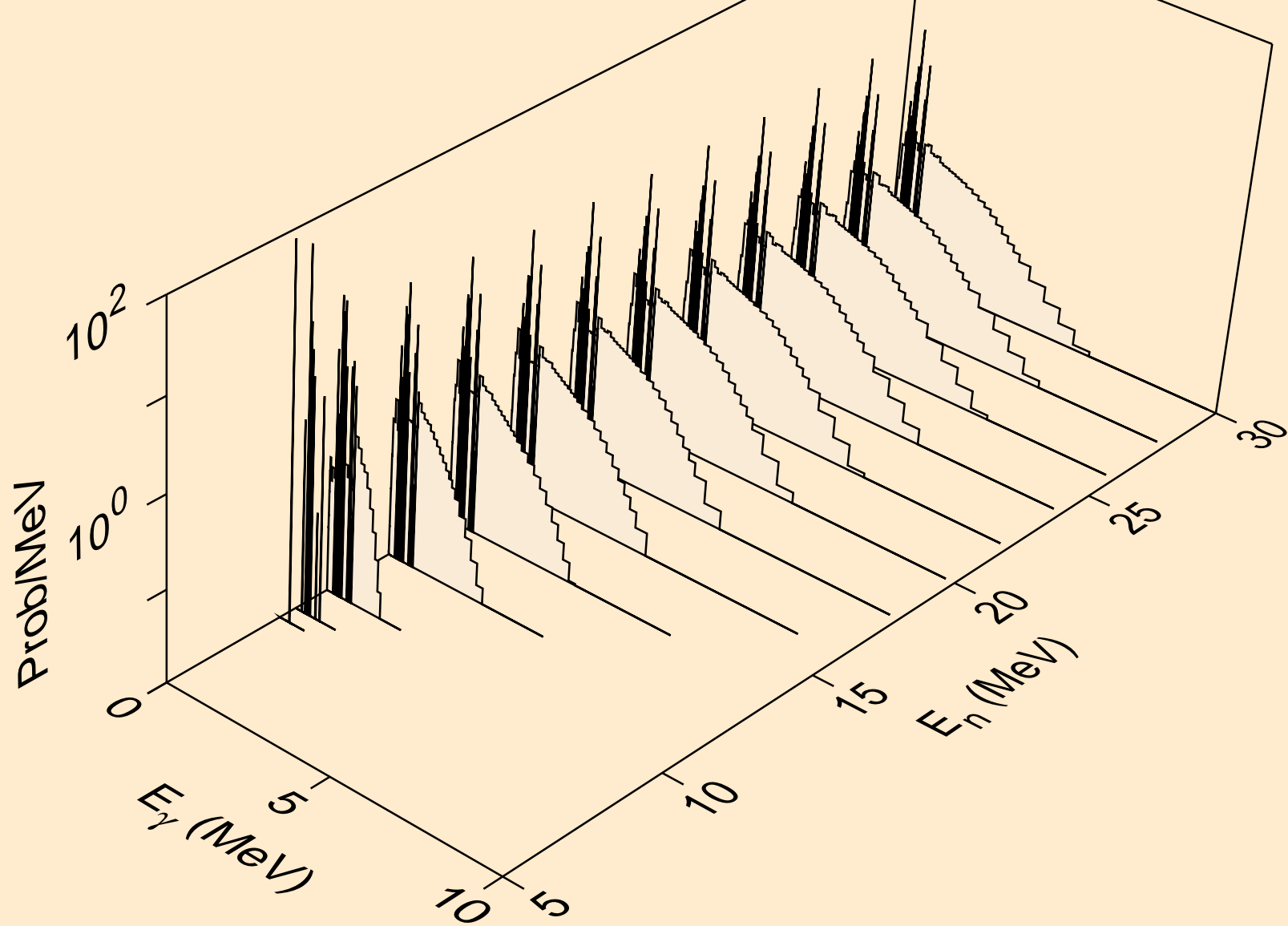
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Photon emission for (n,x)



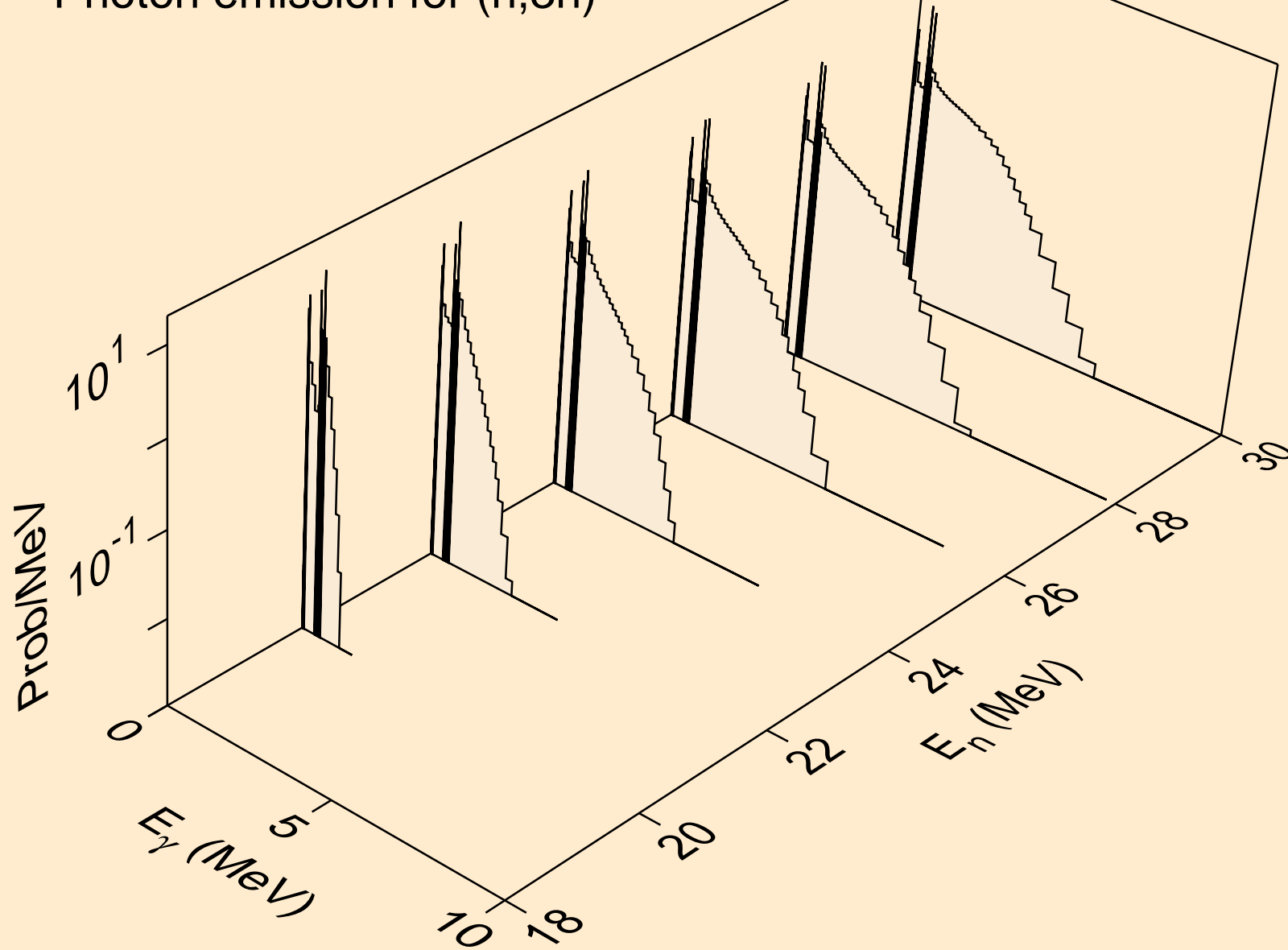
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Photon emission for (n,2nd)



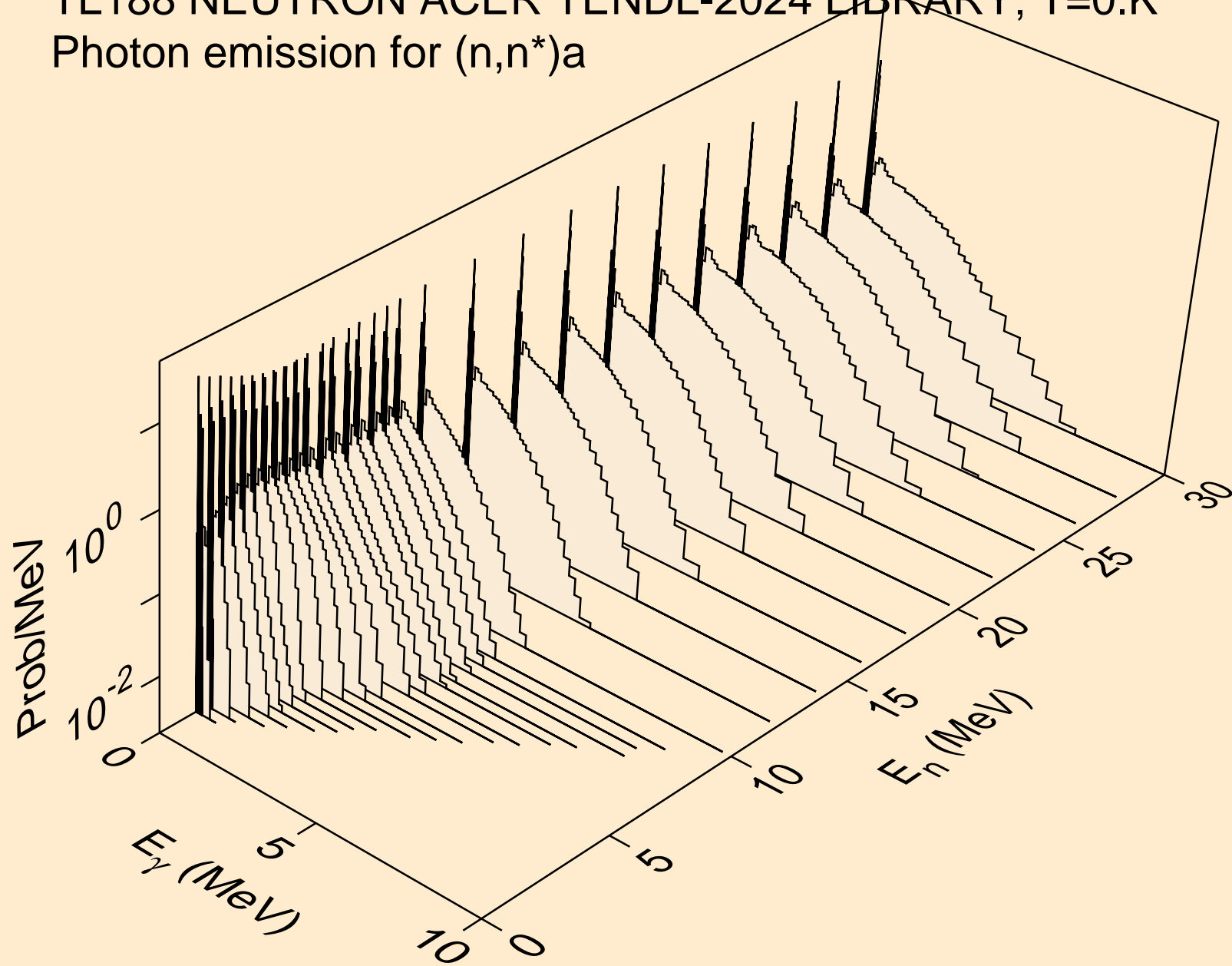
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



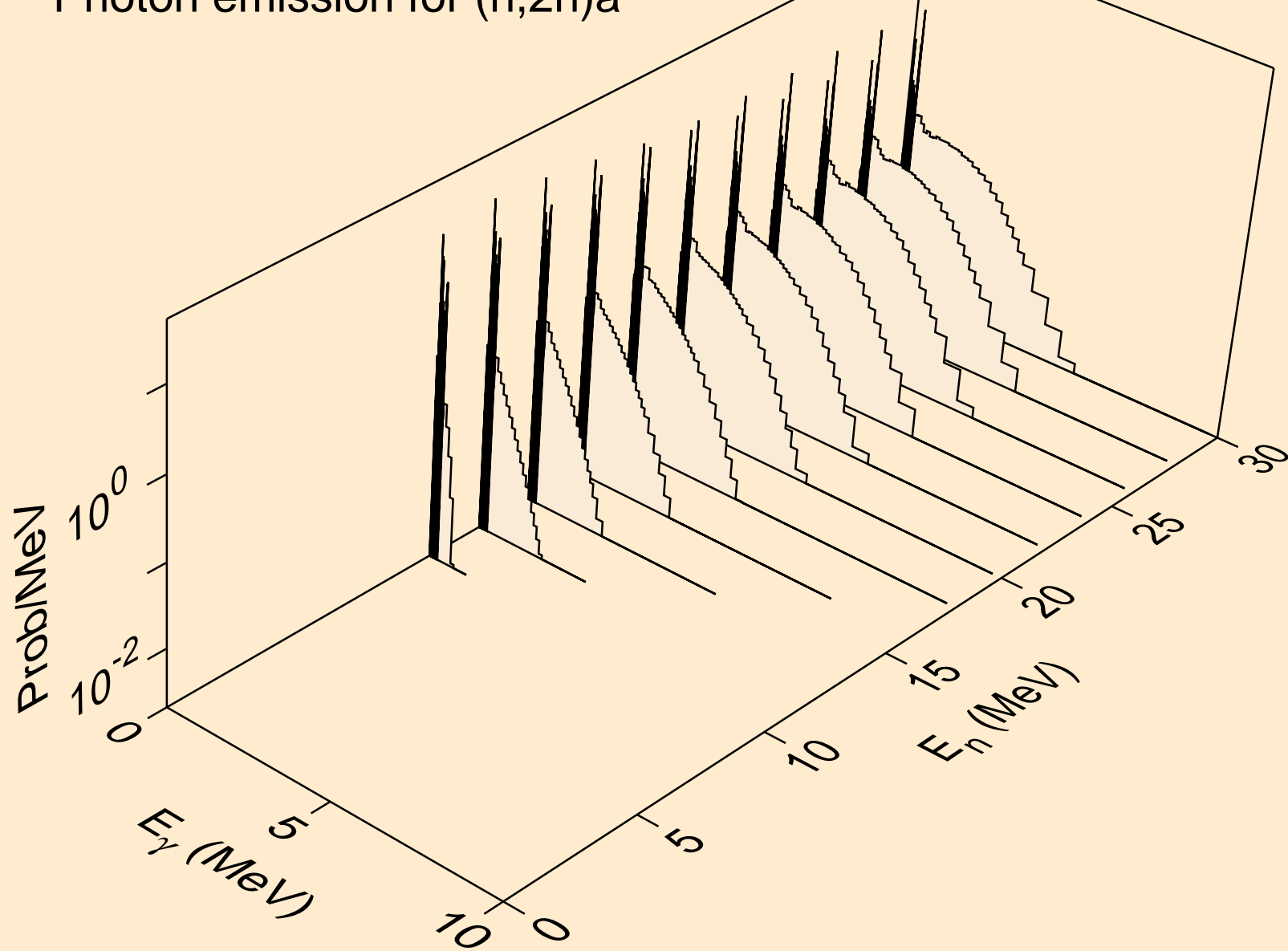
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

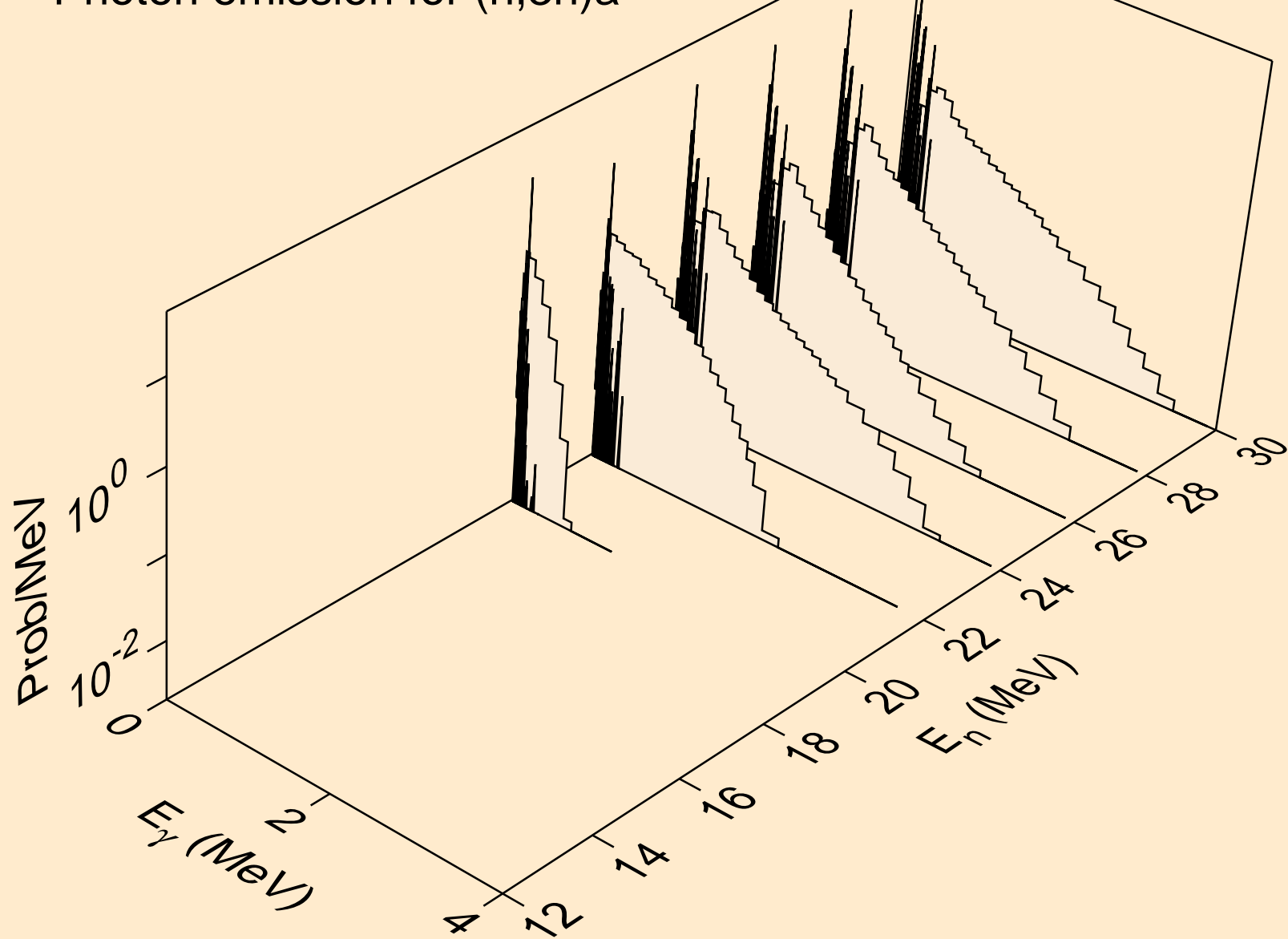


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

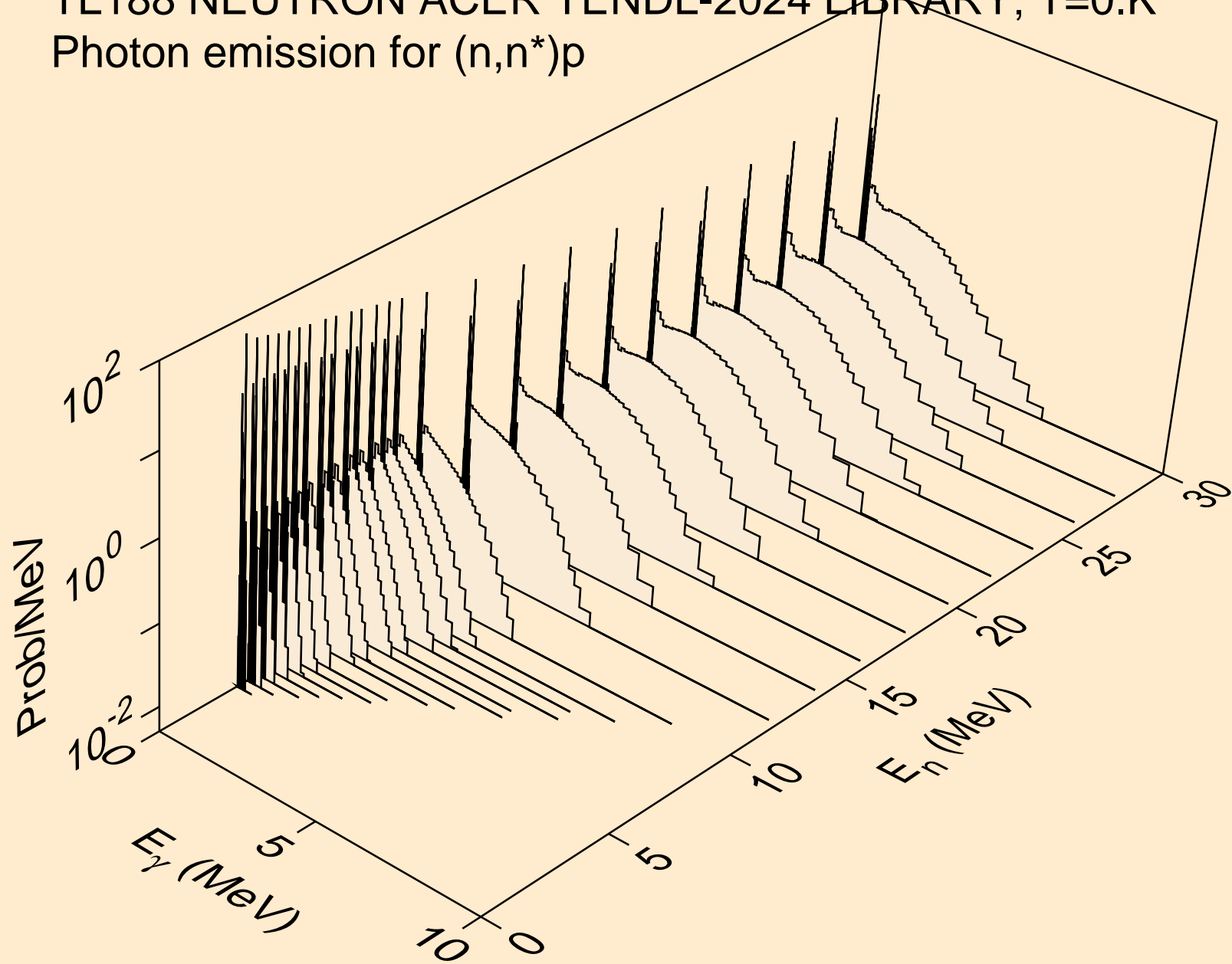




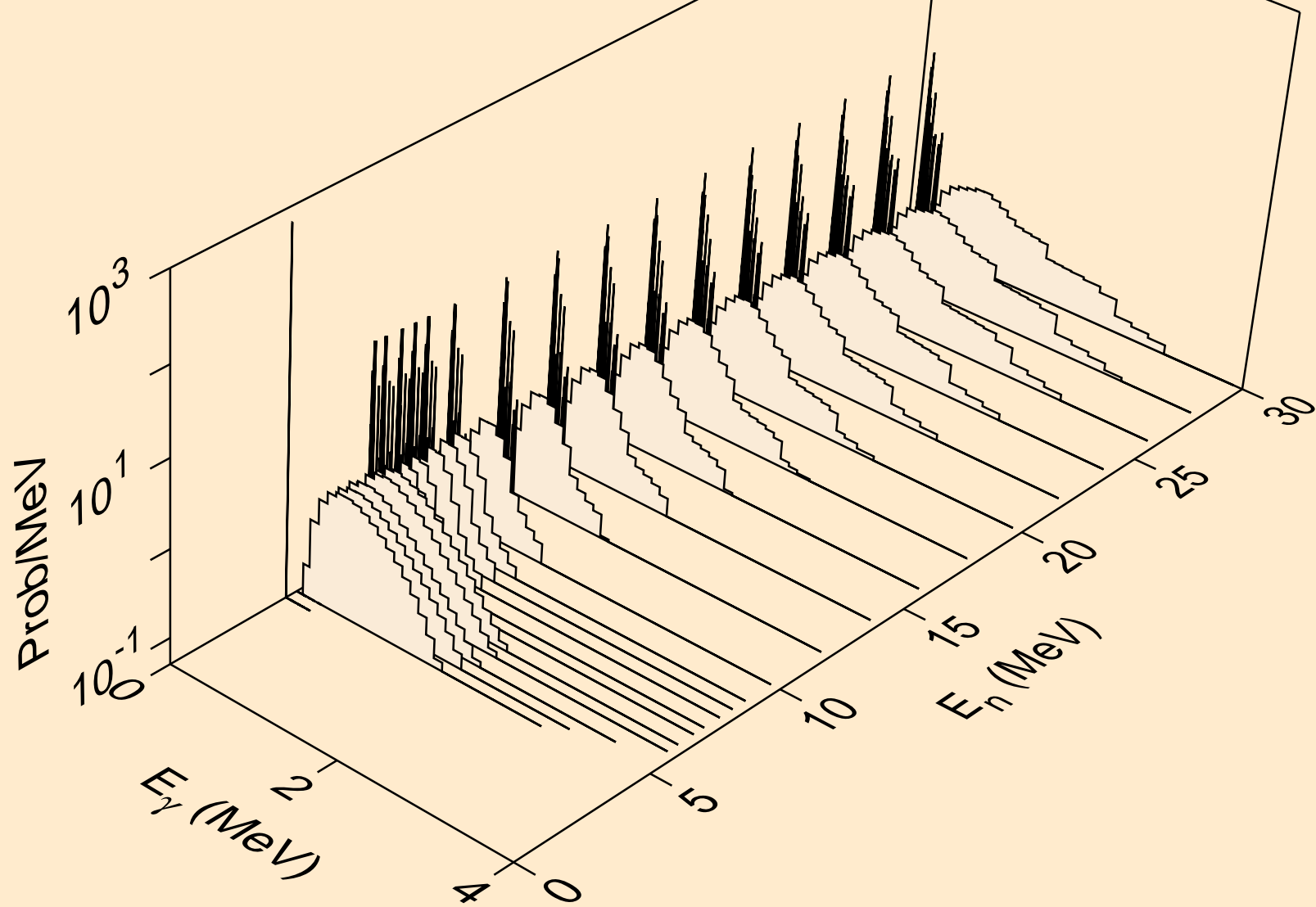
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



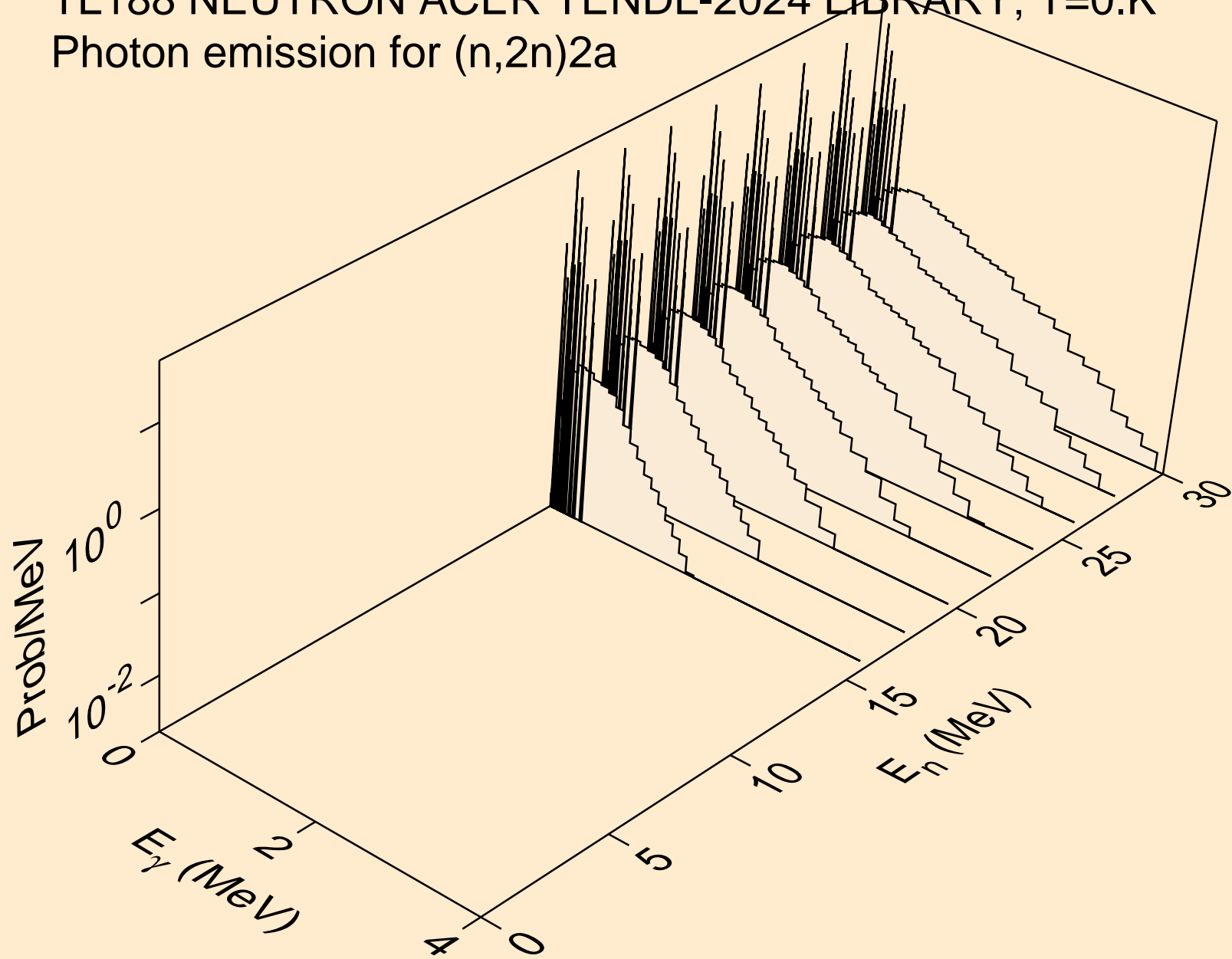
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



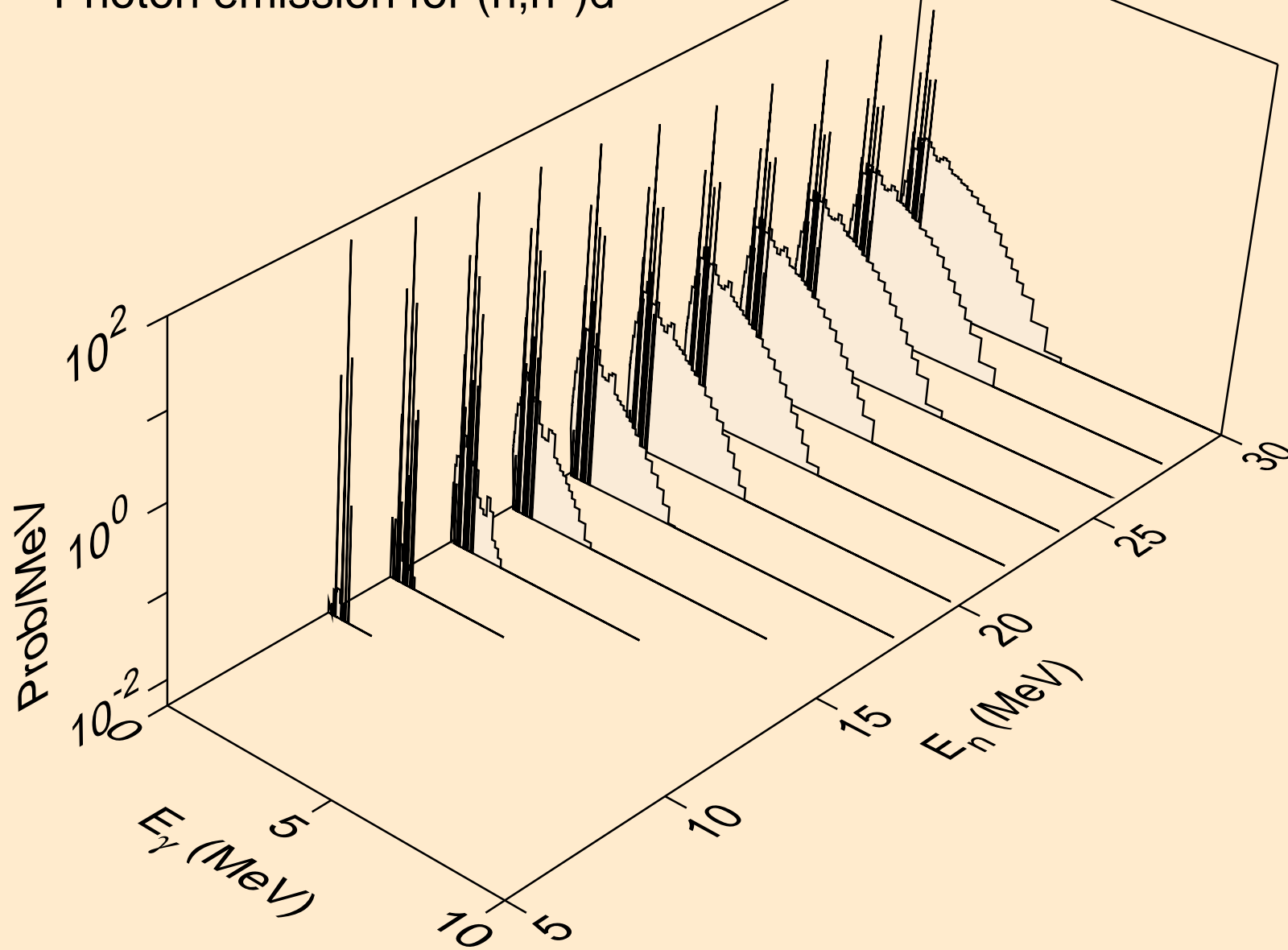
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



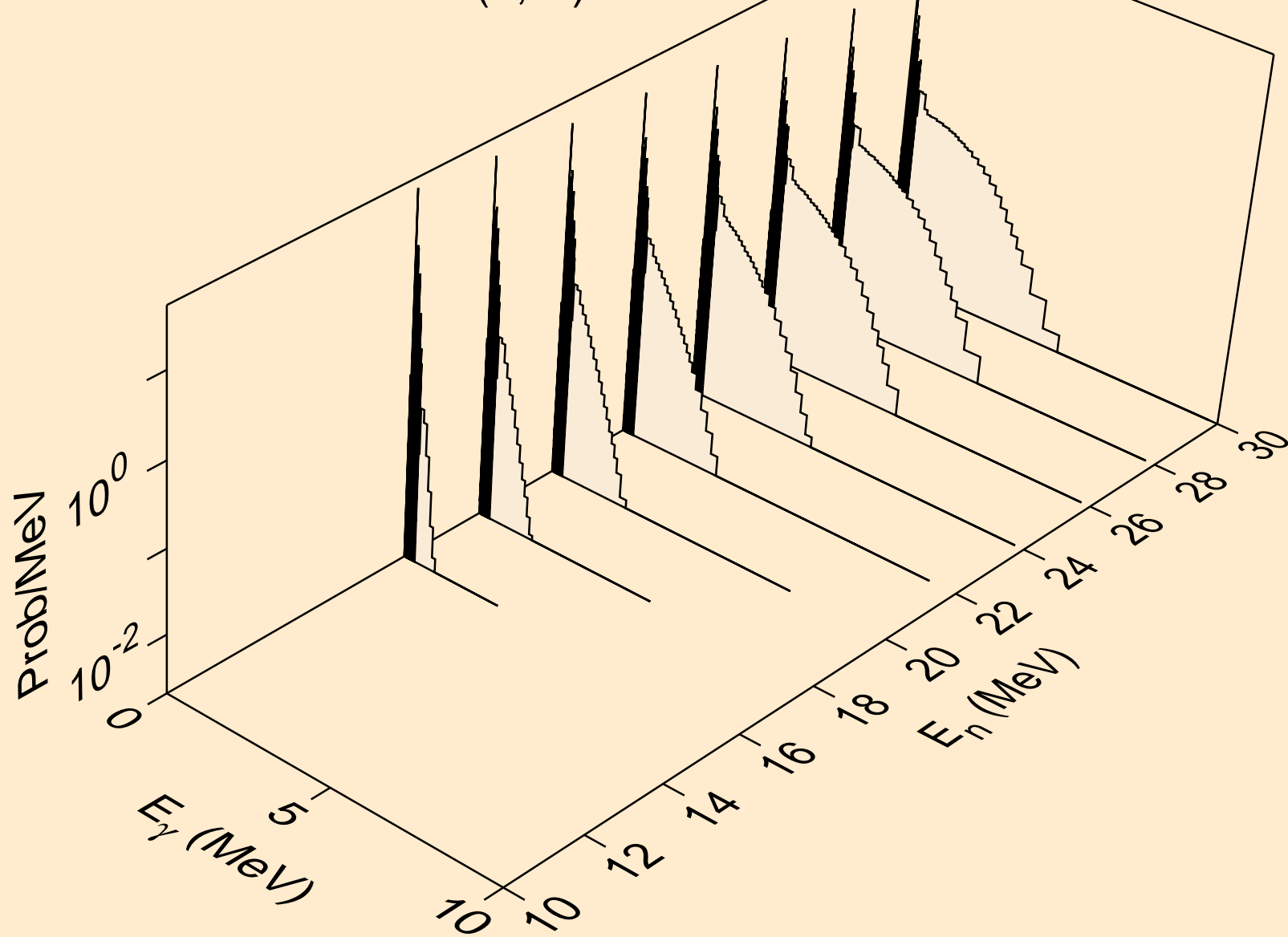
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



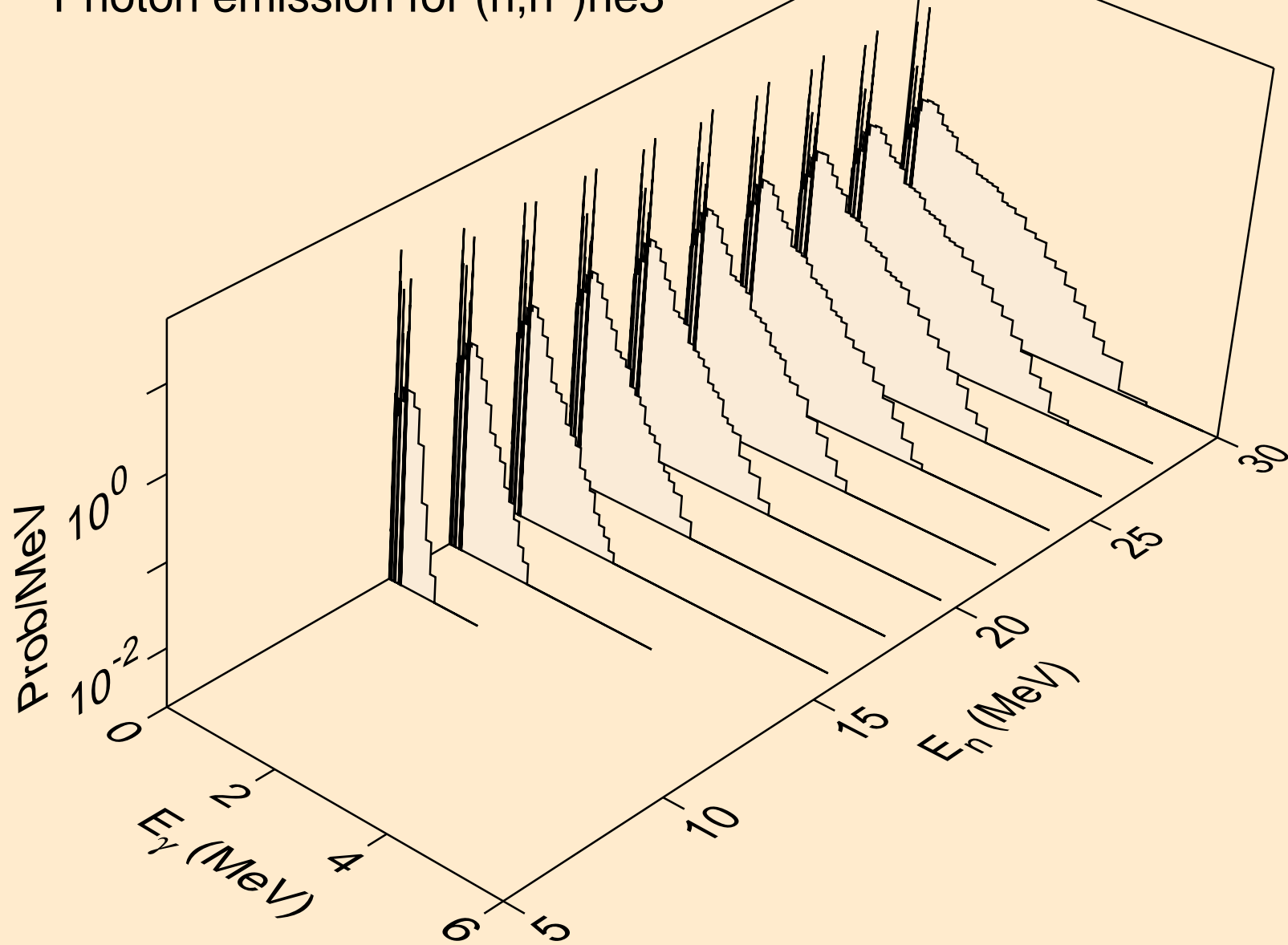
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



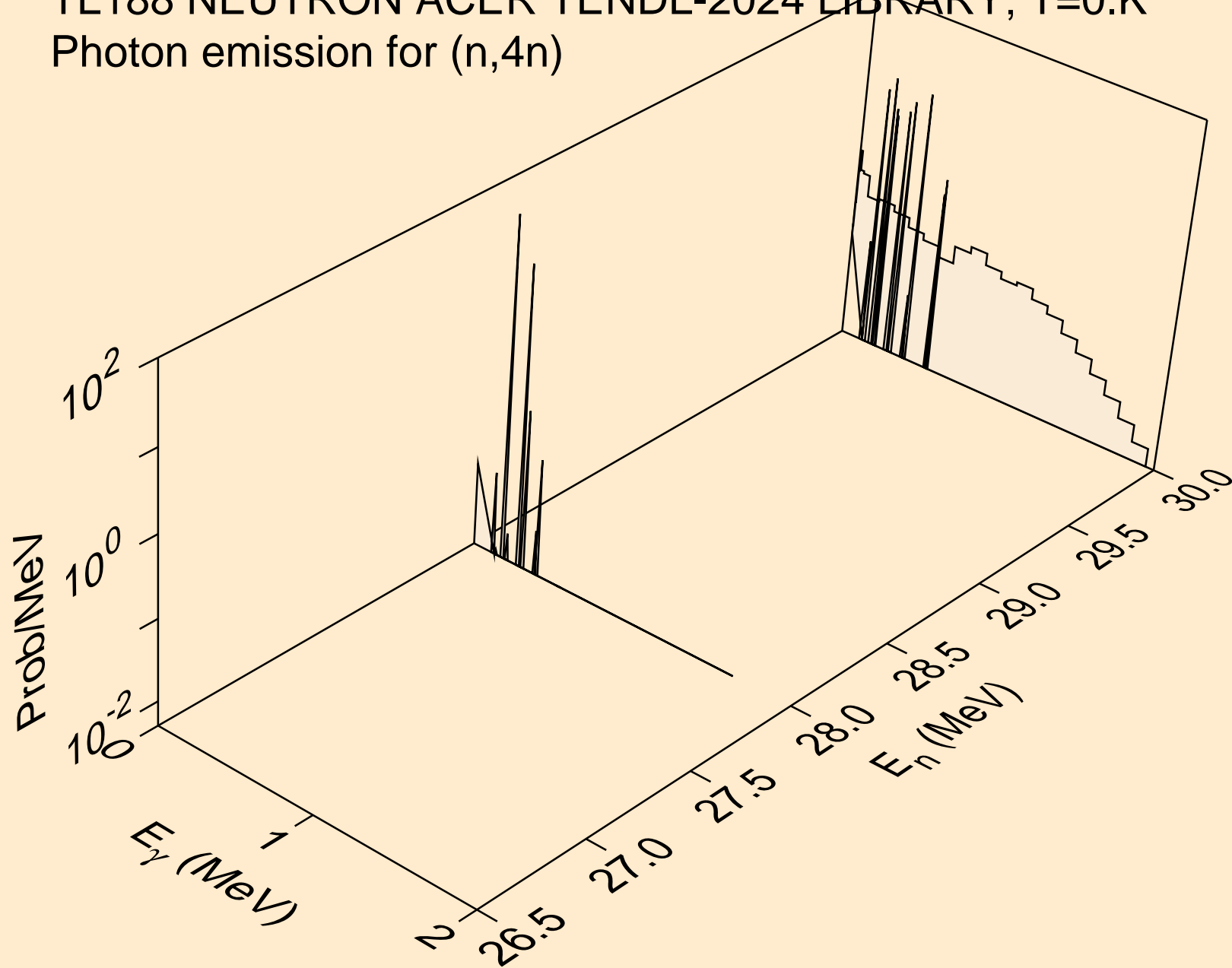
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

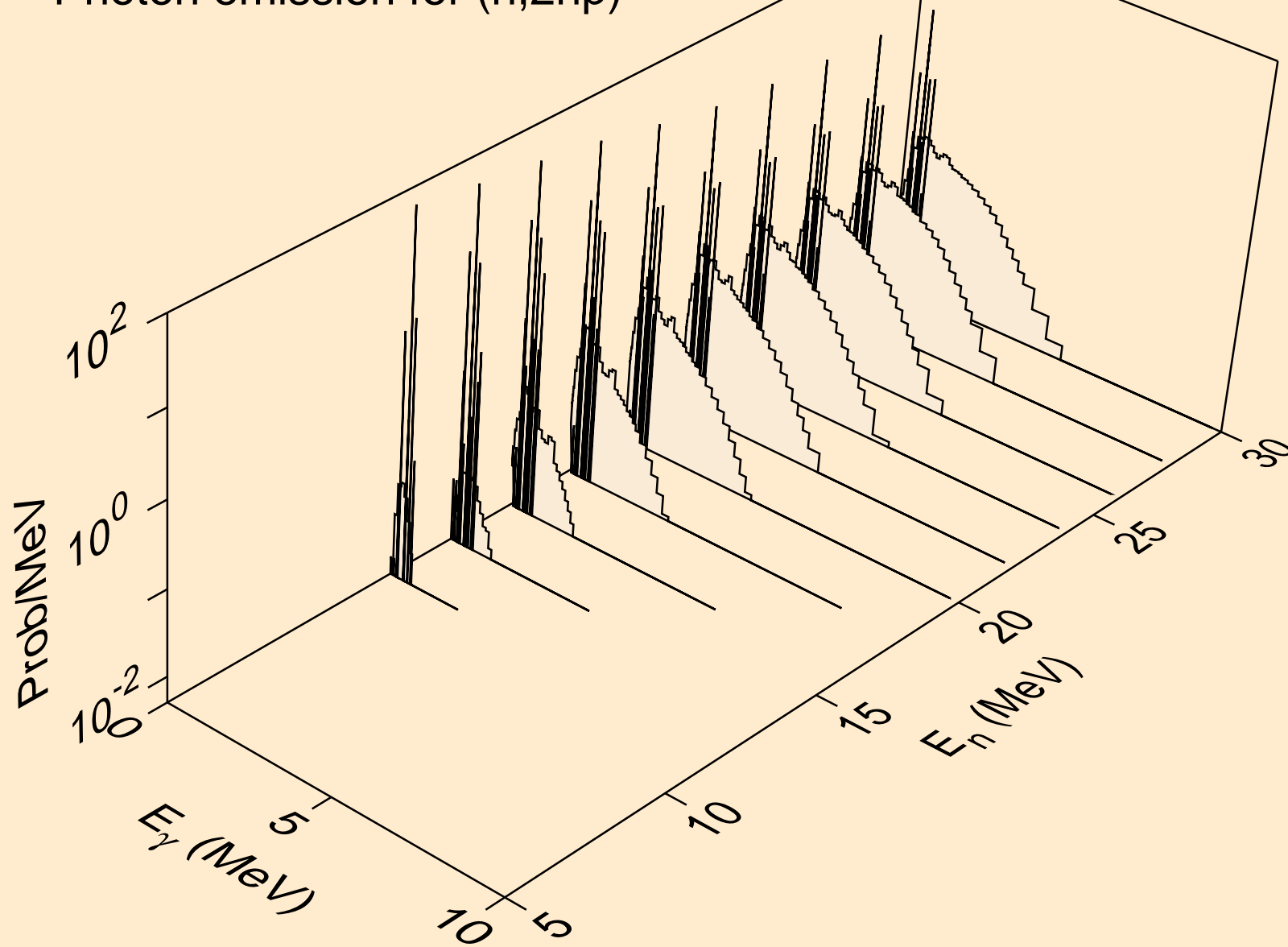


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

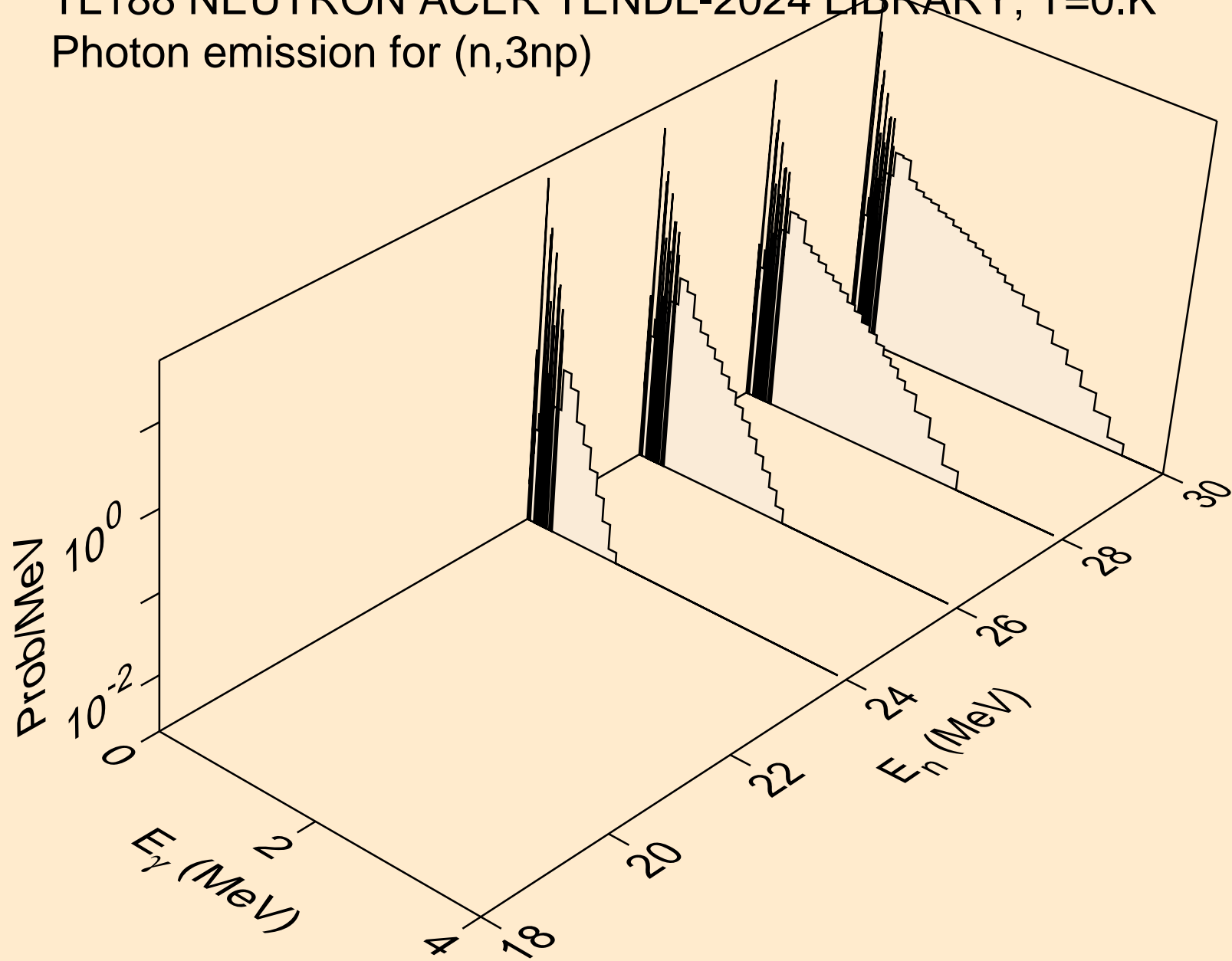




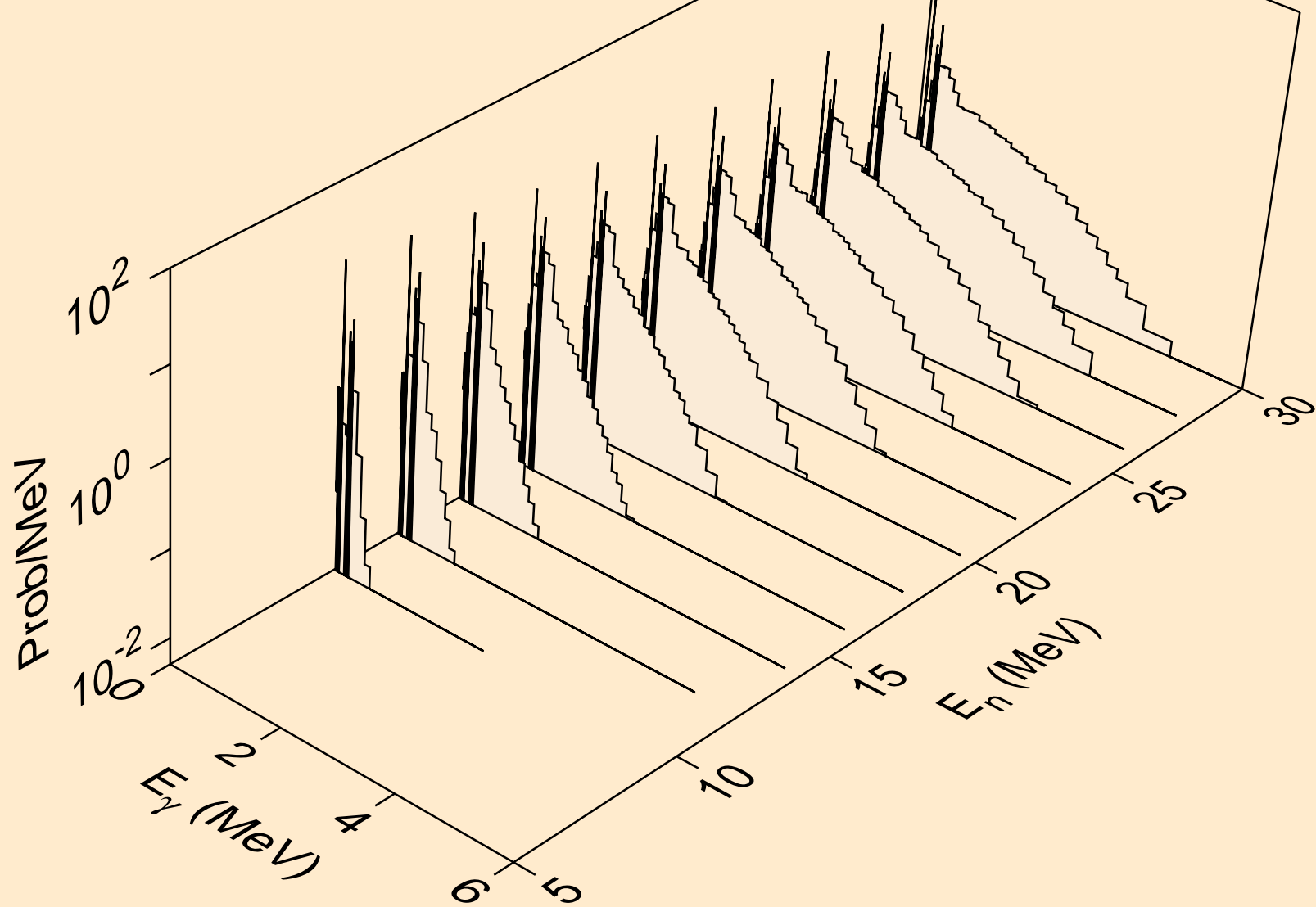
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



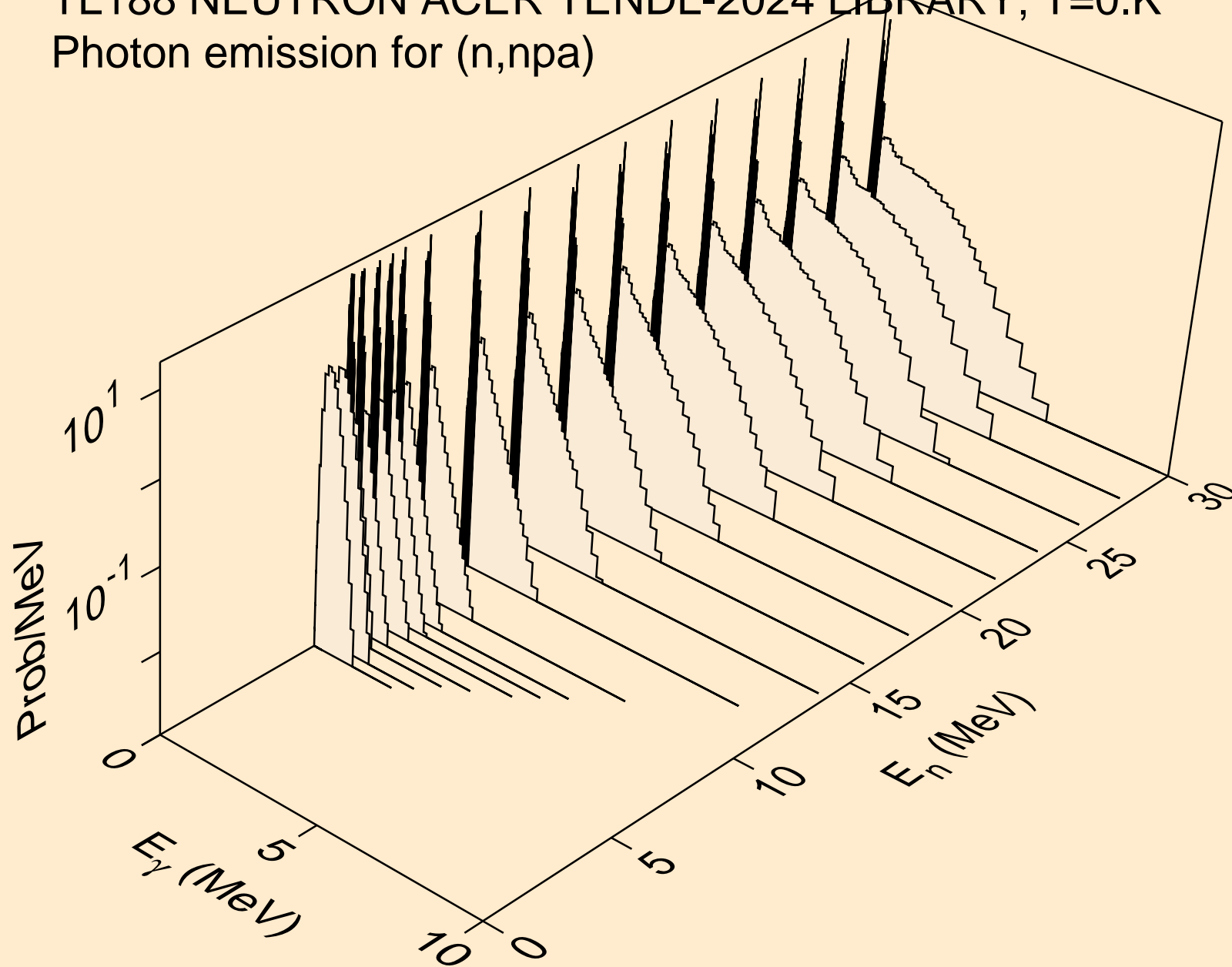
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



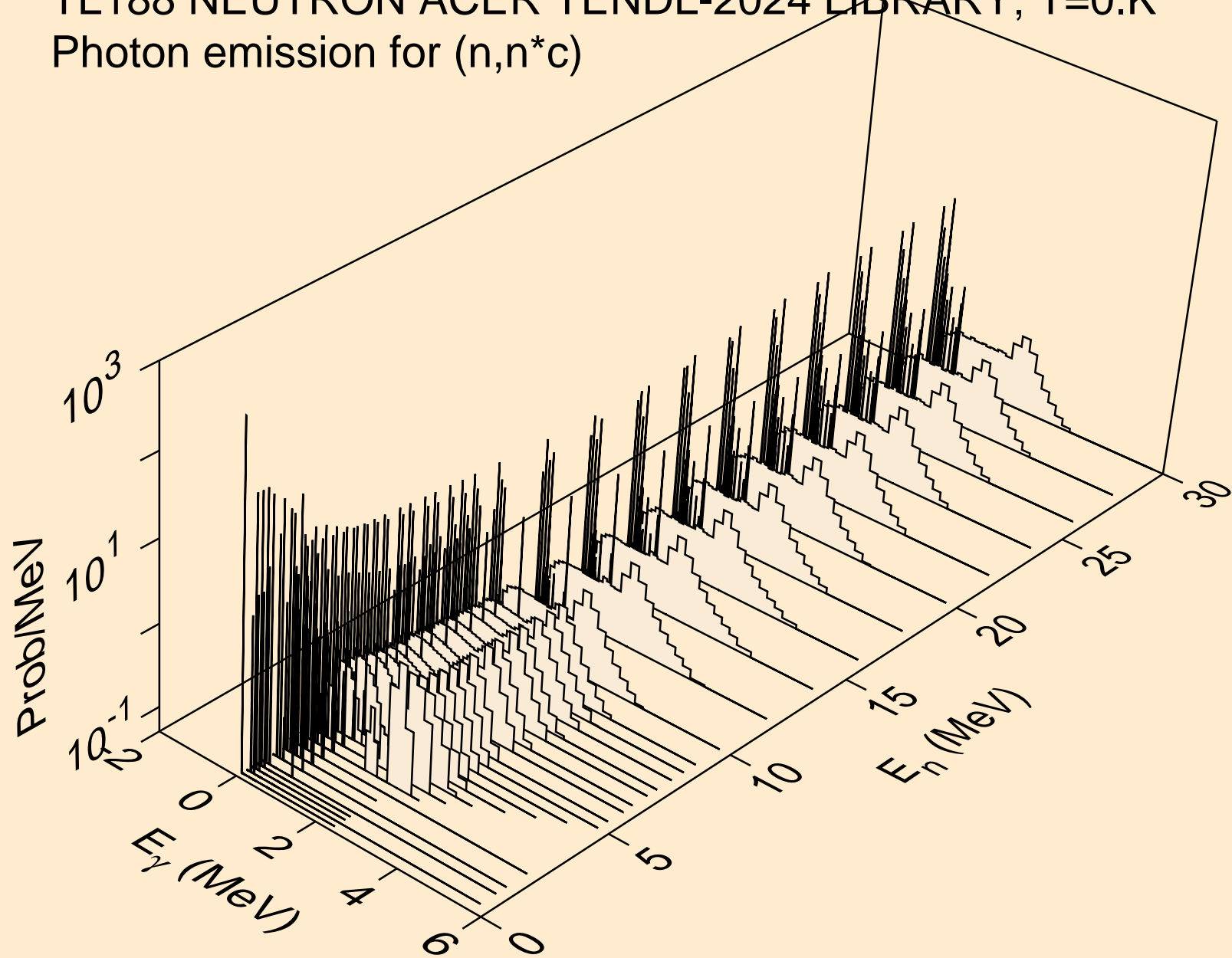
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



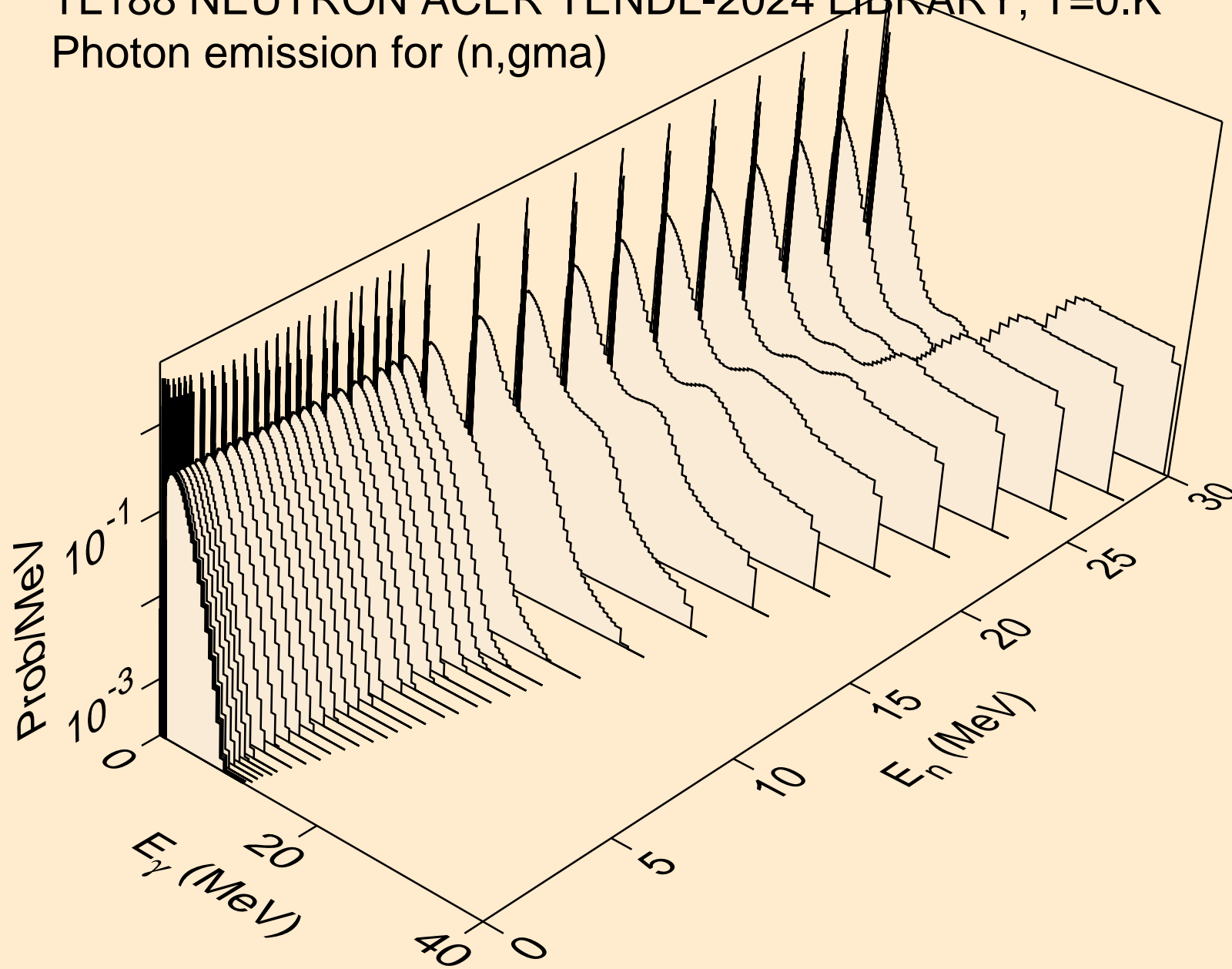
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



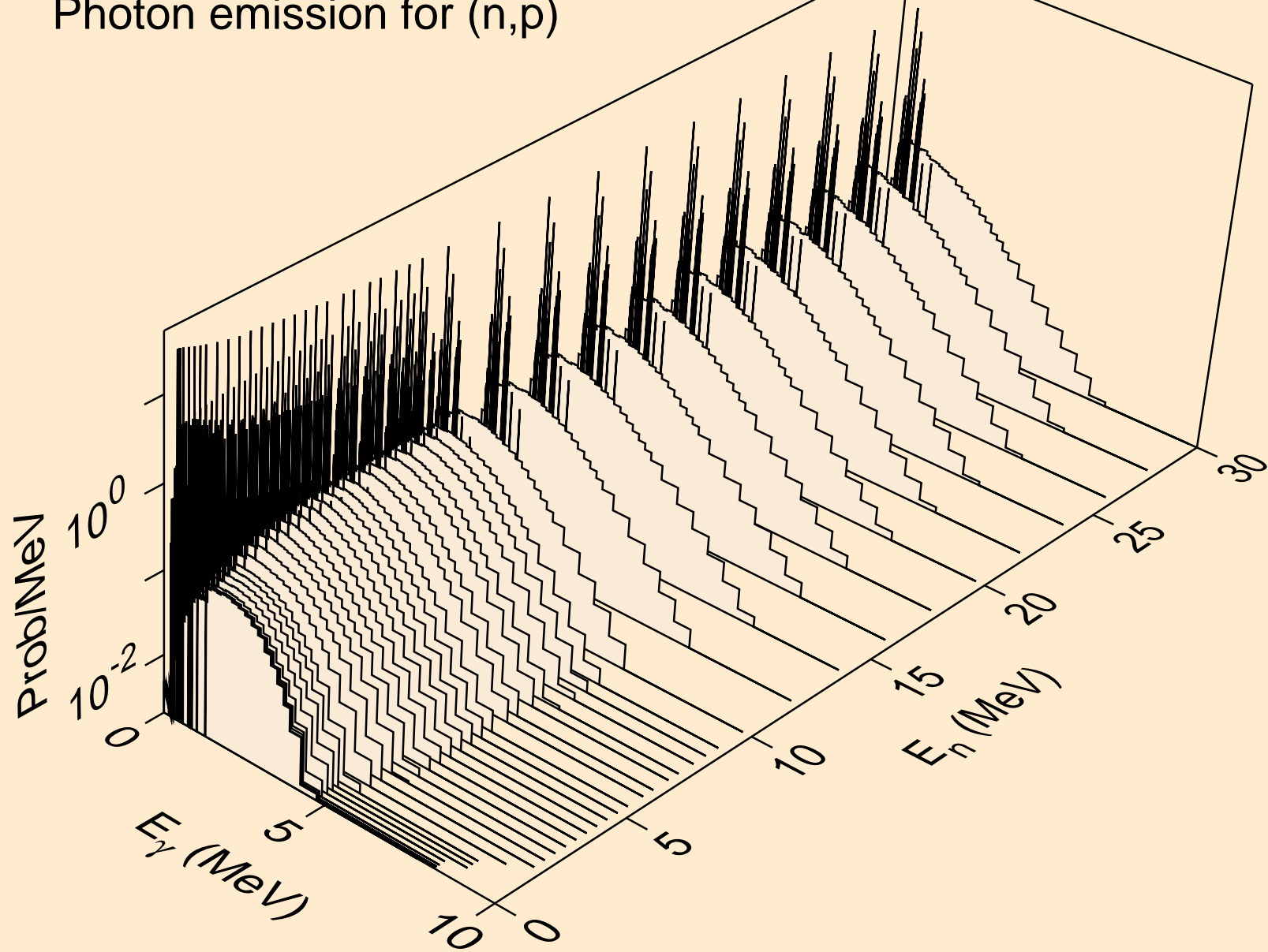
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



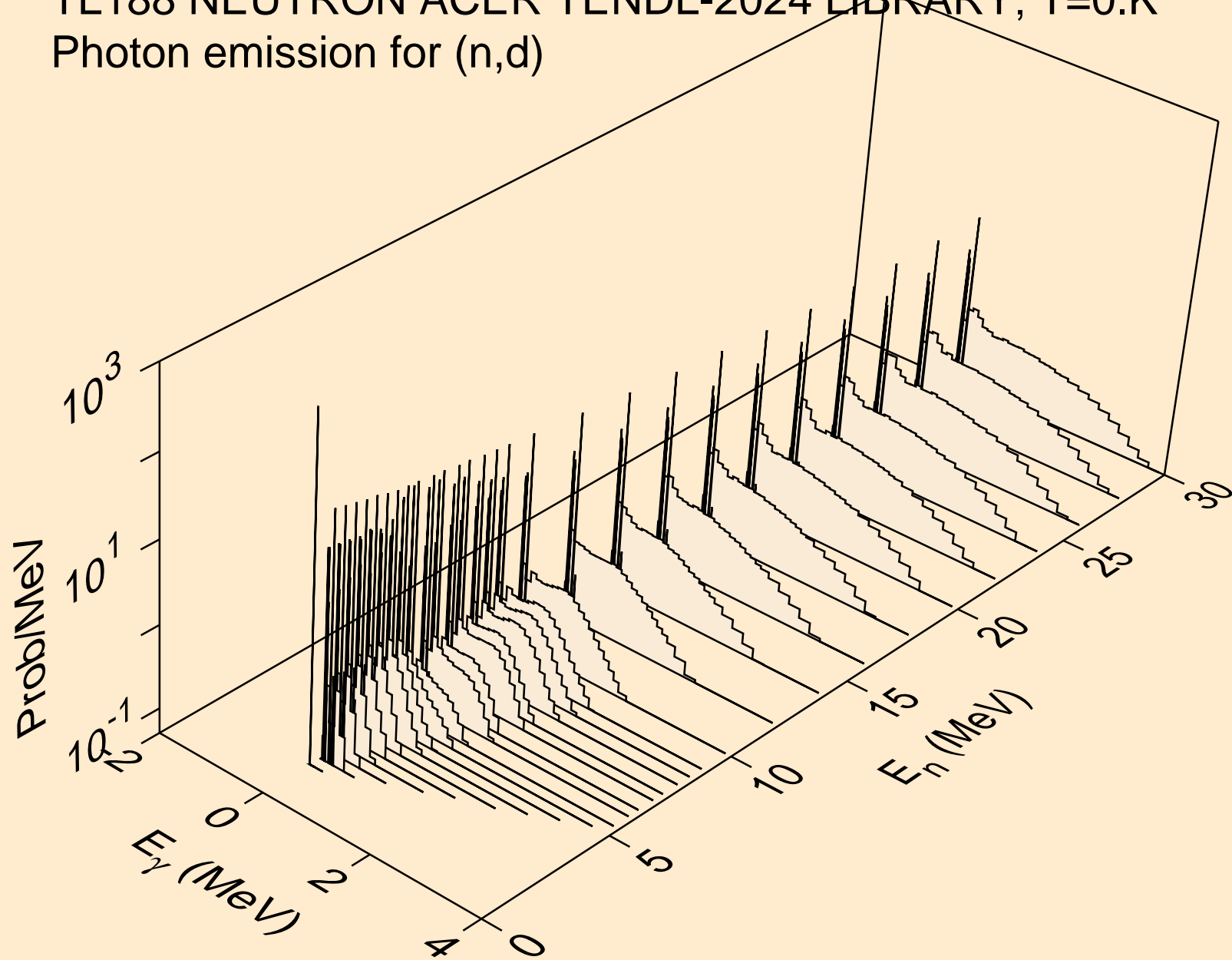
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

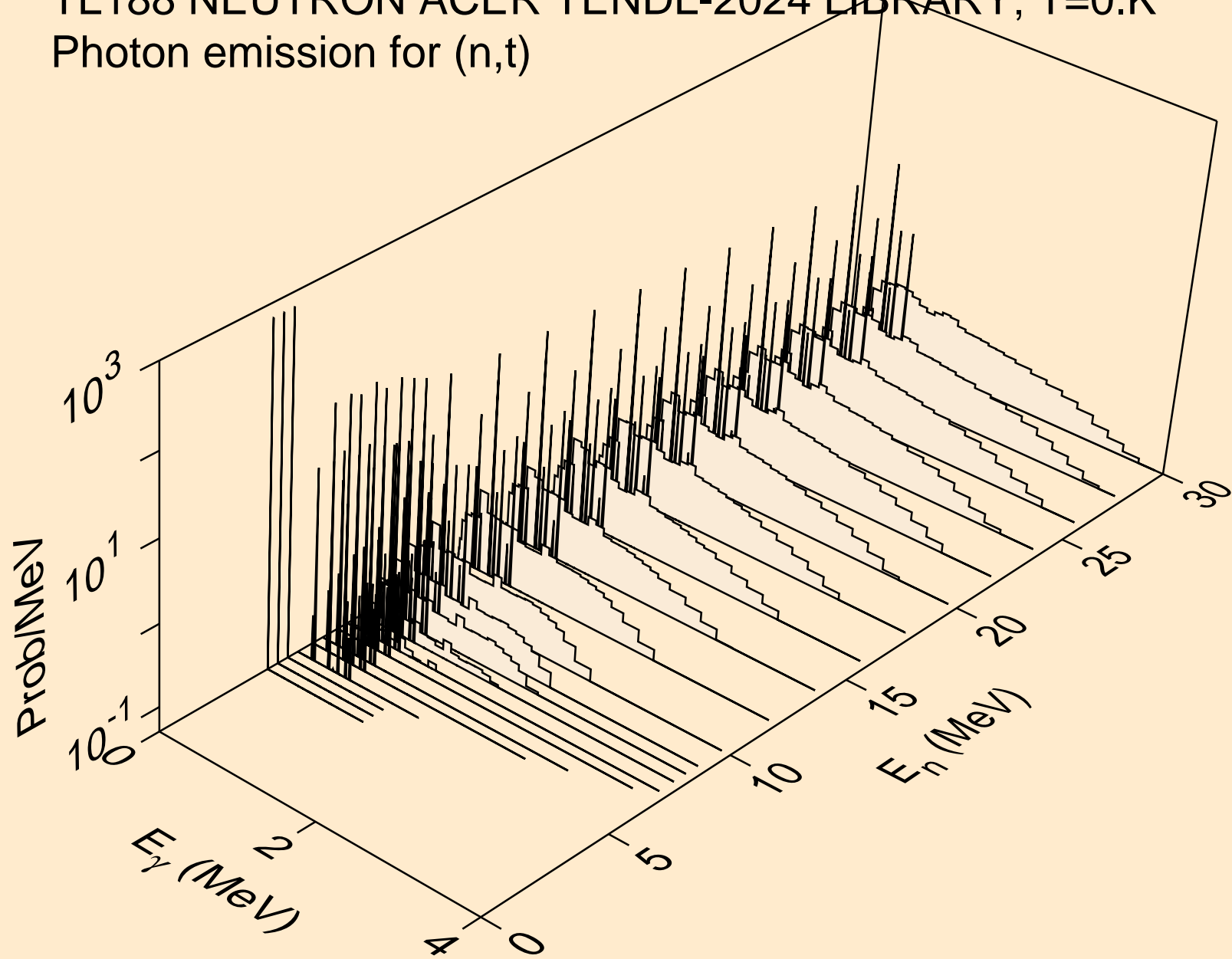


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

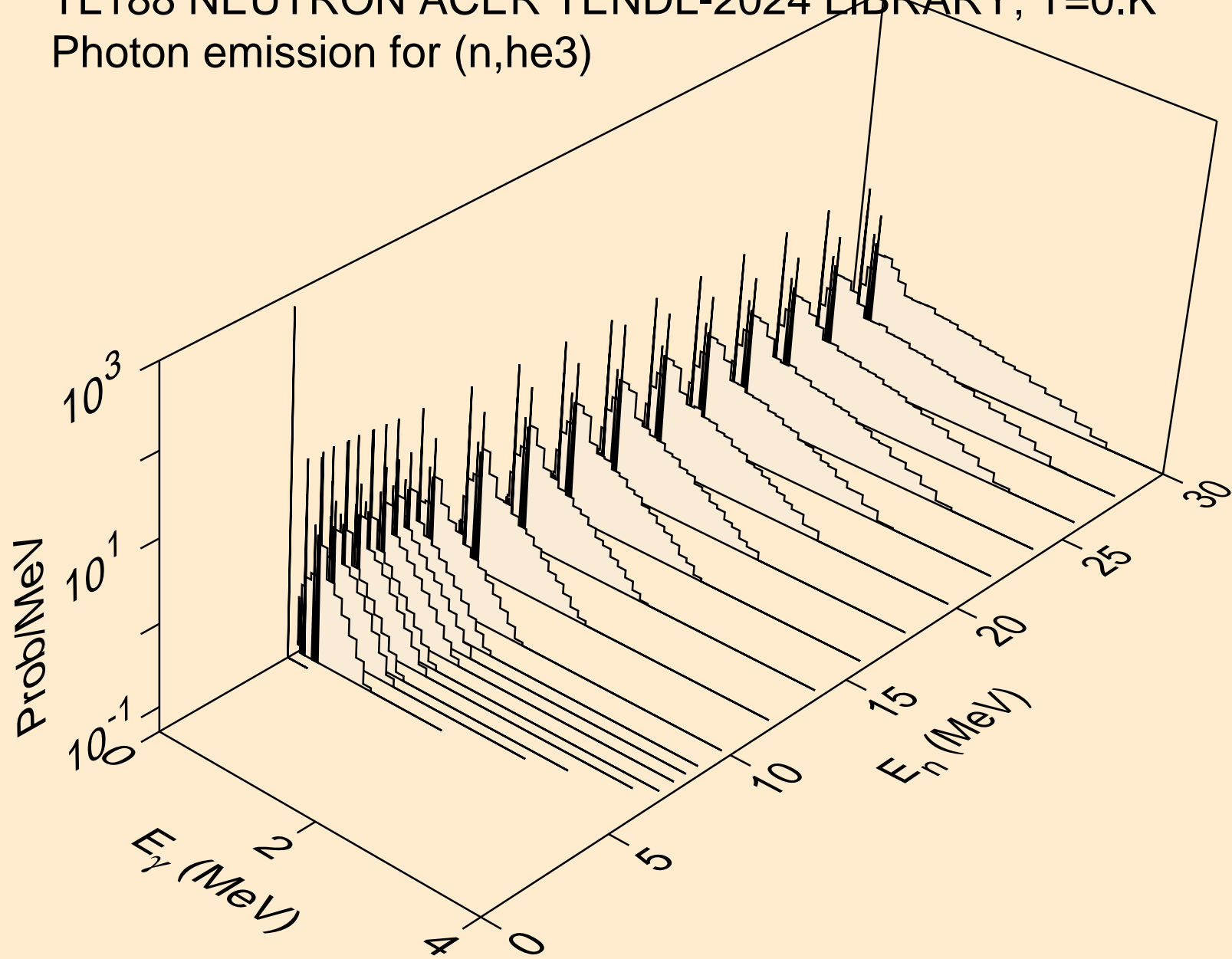




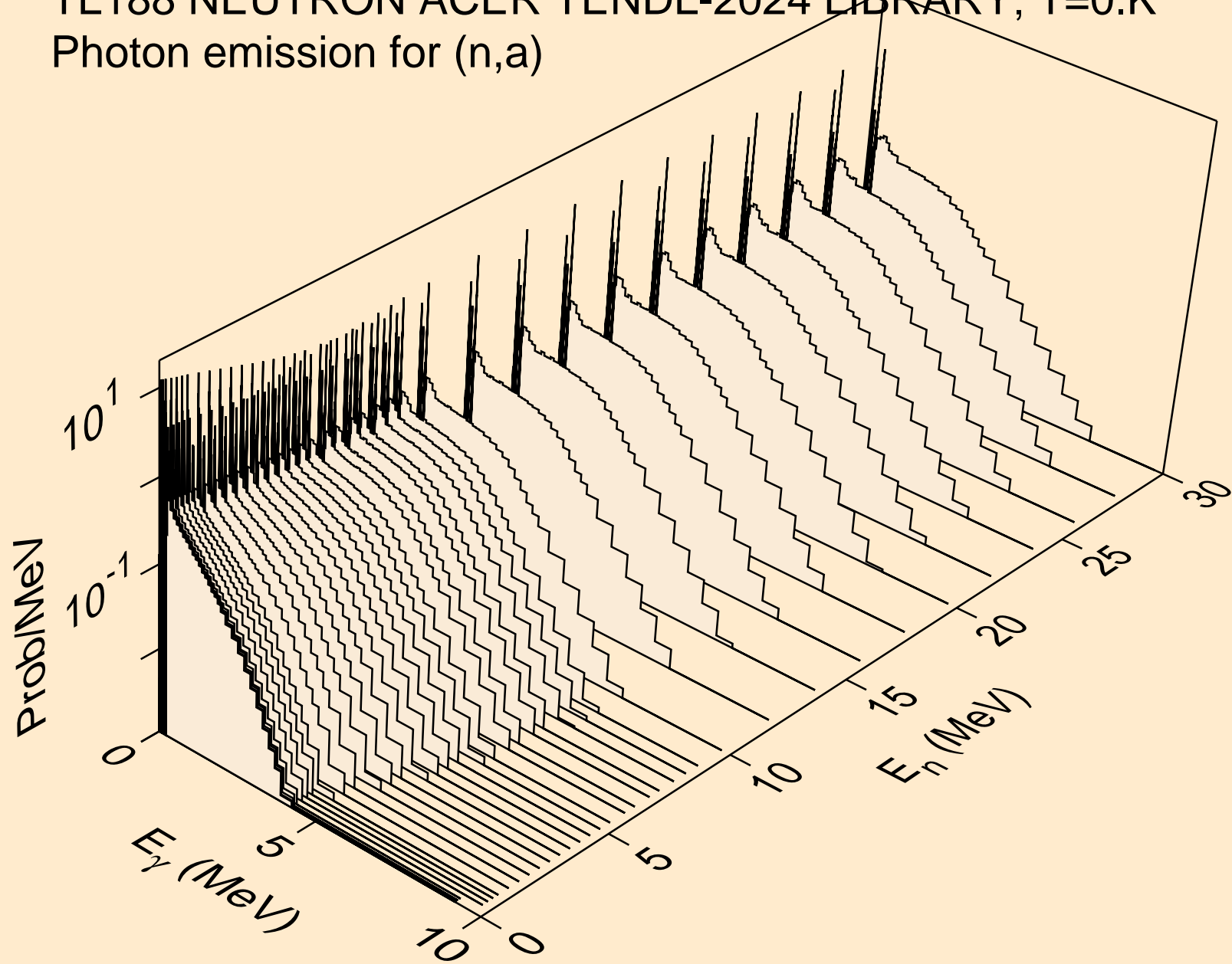
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



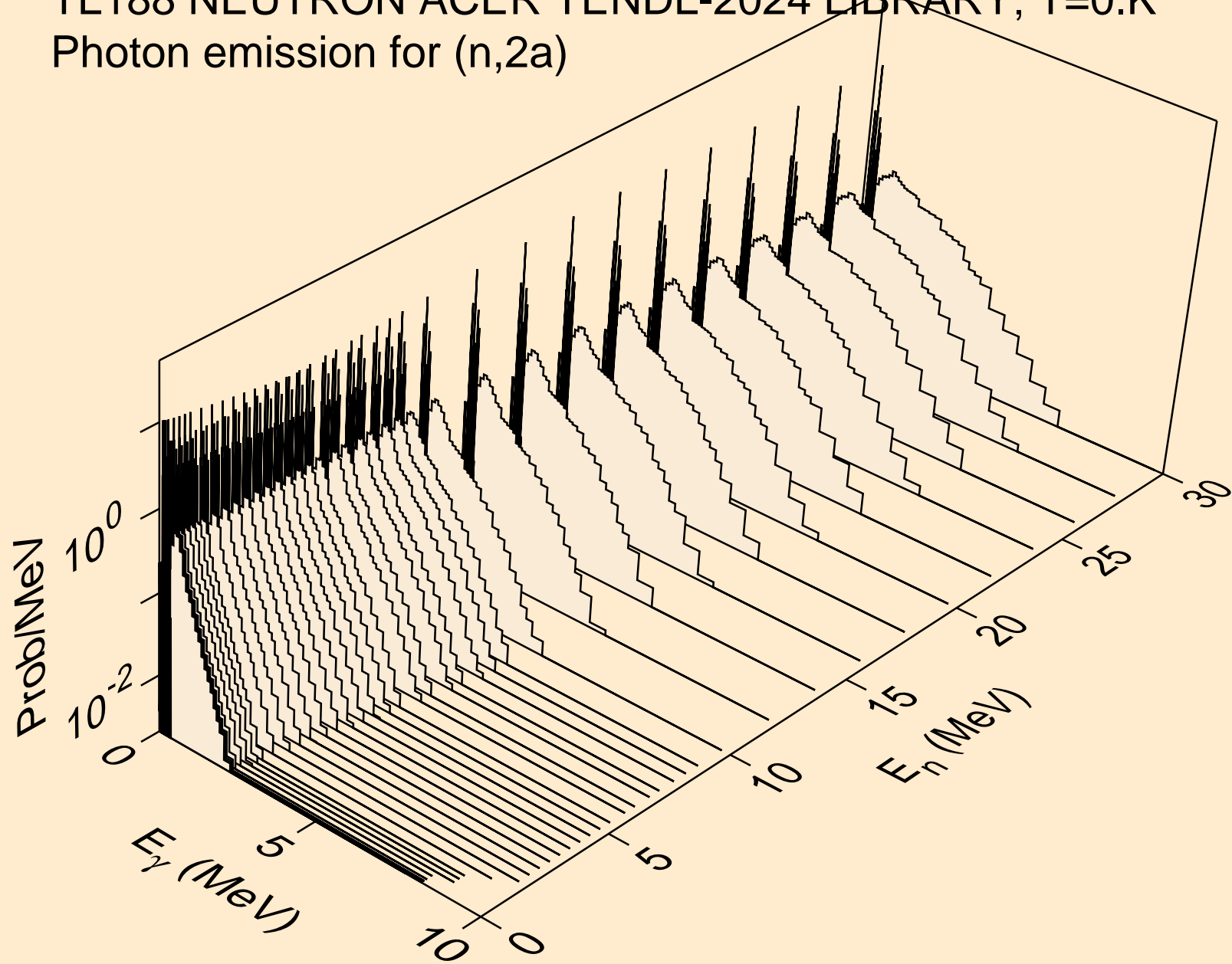
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



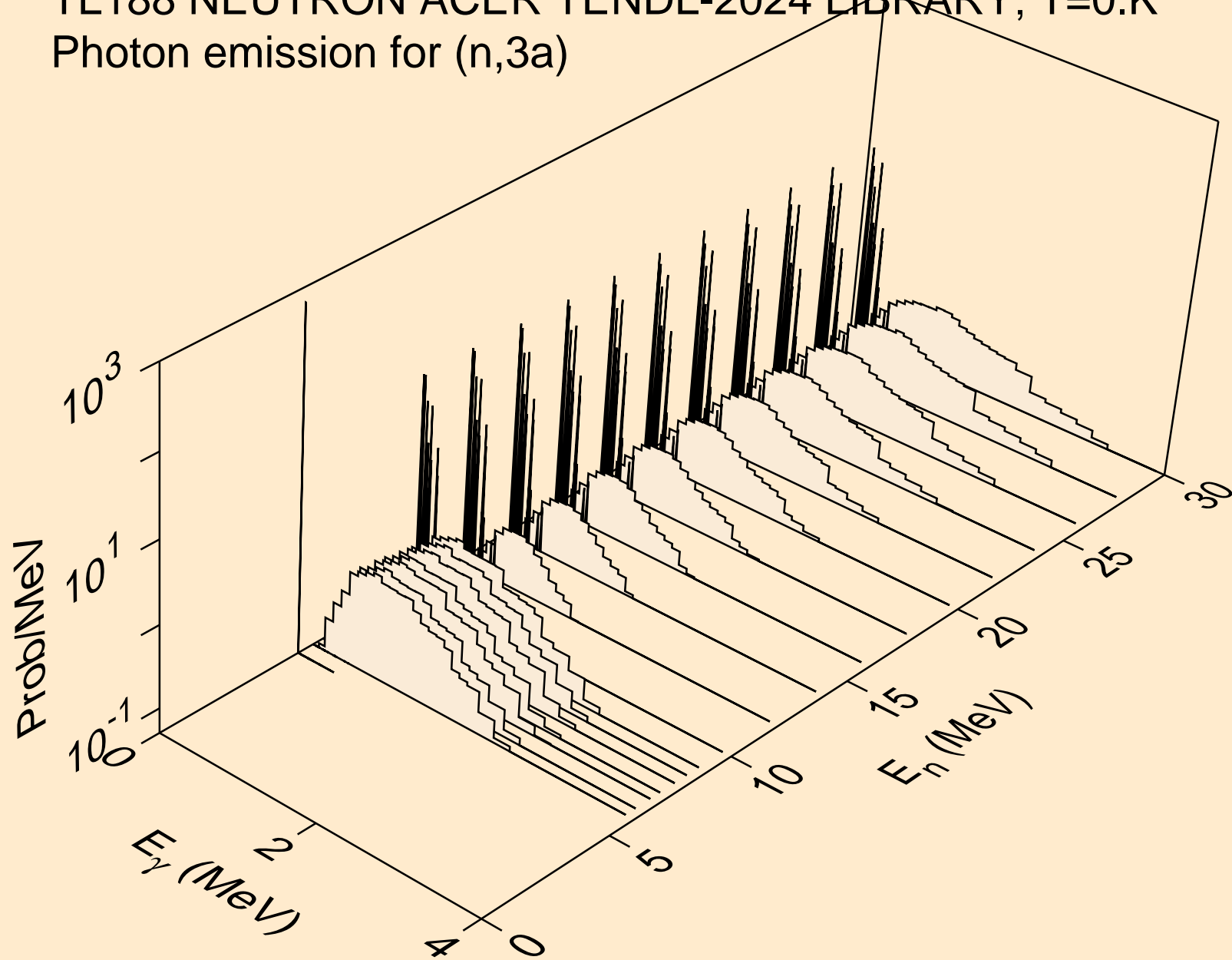
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



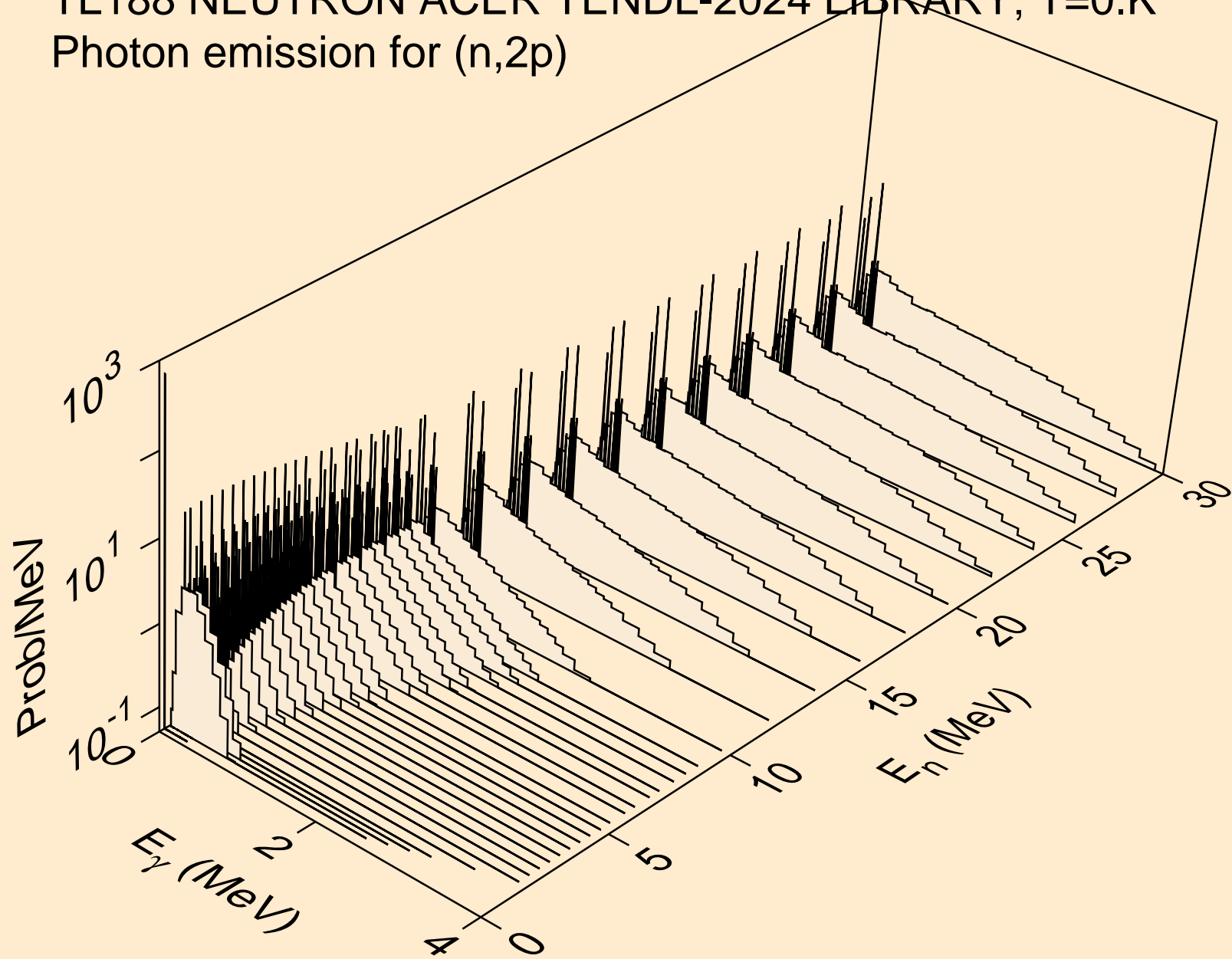
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



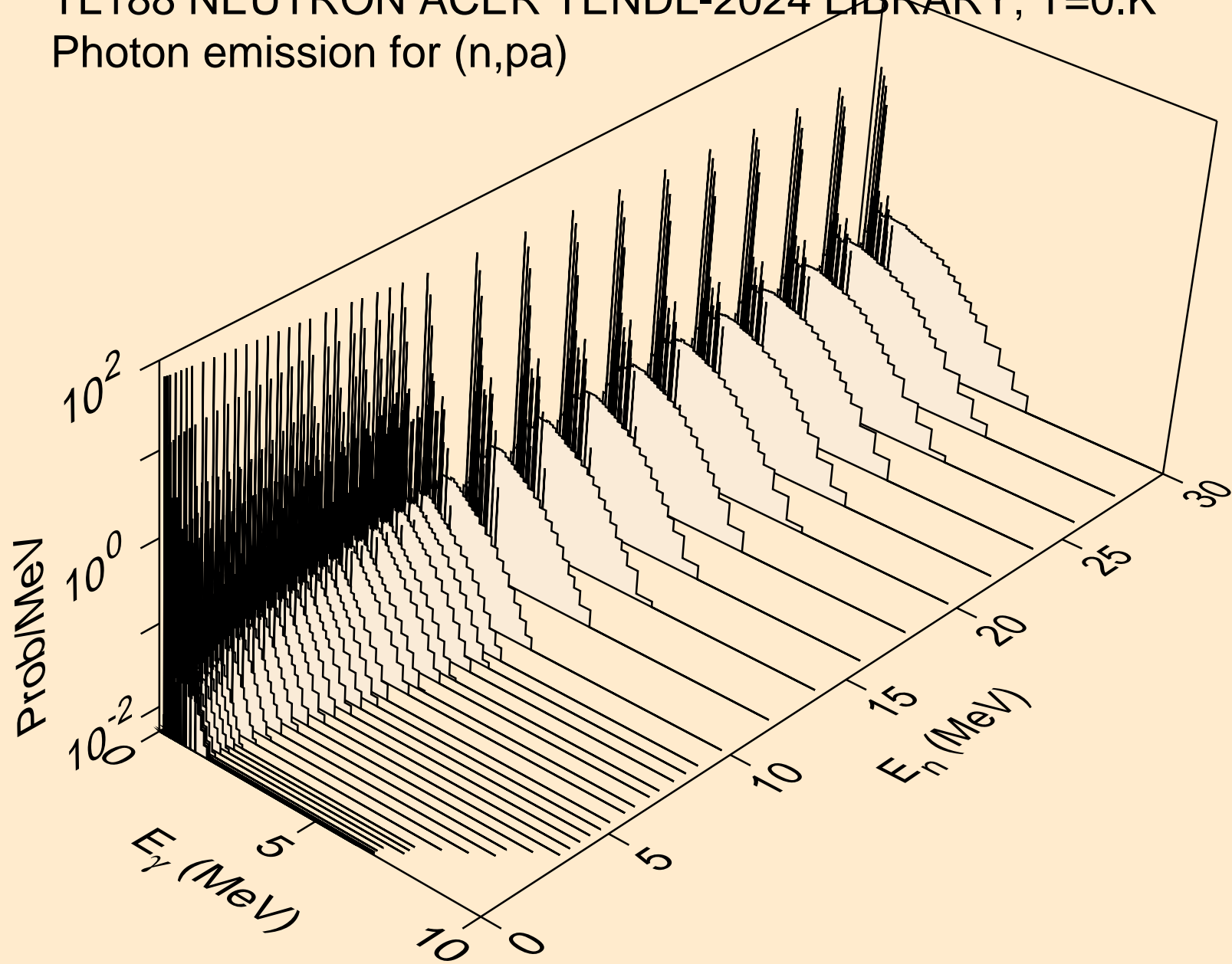
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



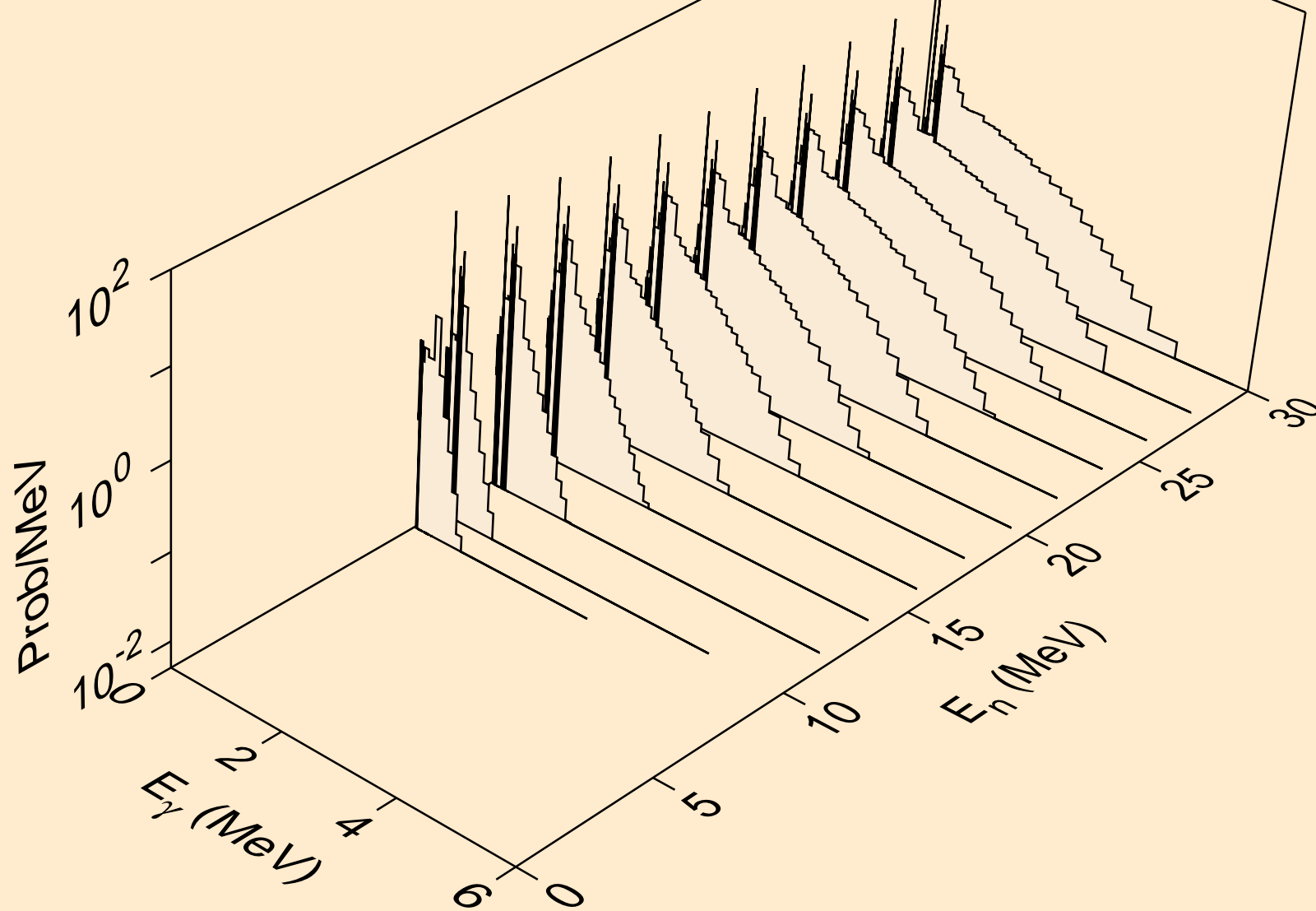
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

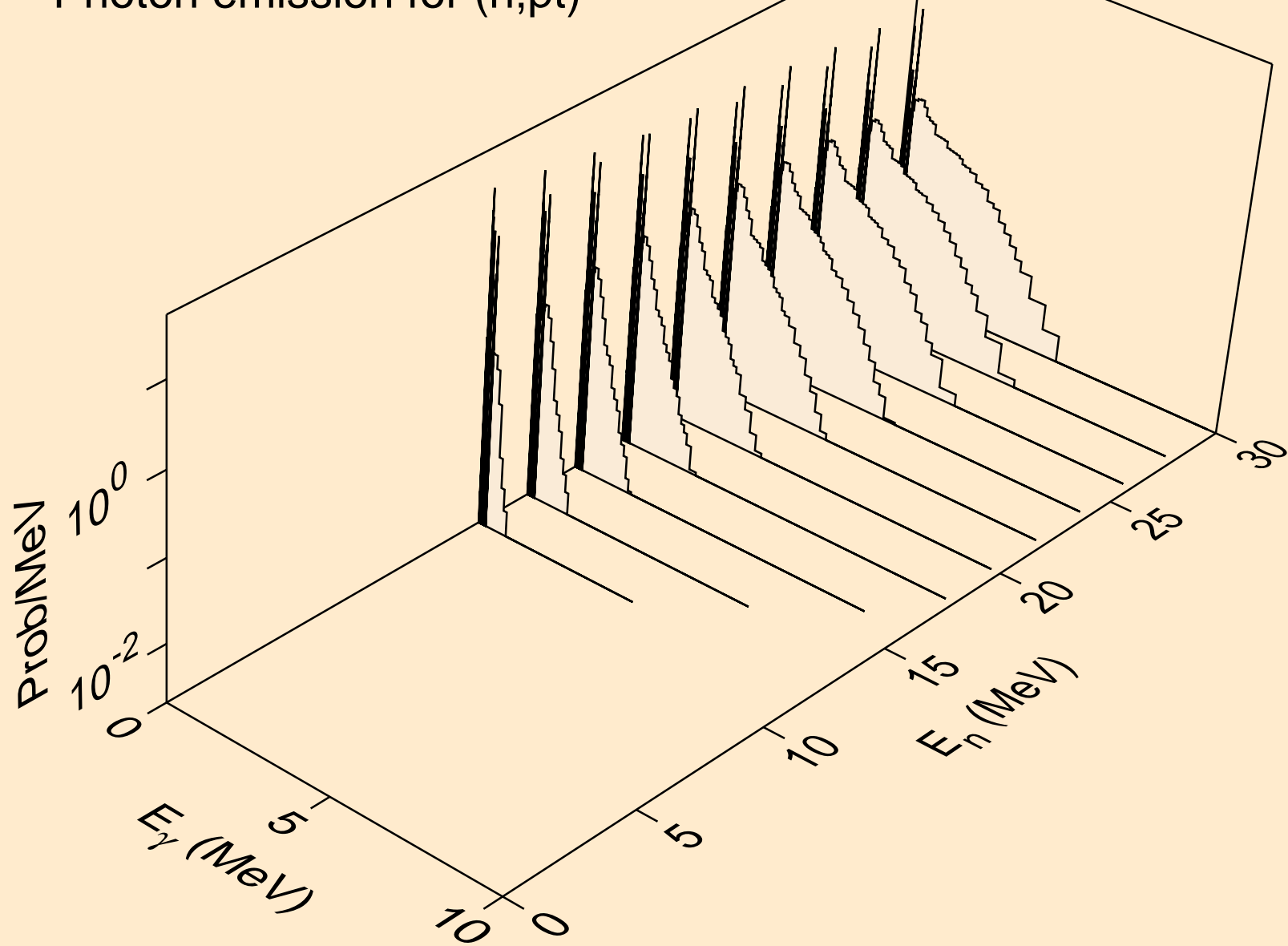


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

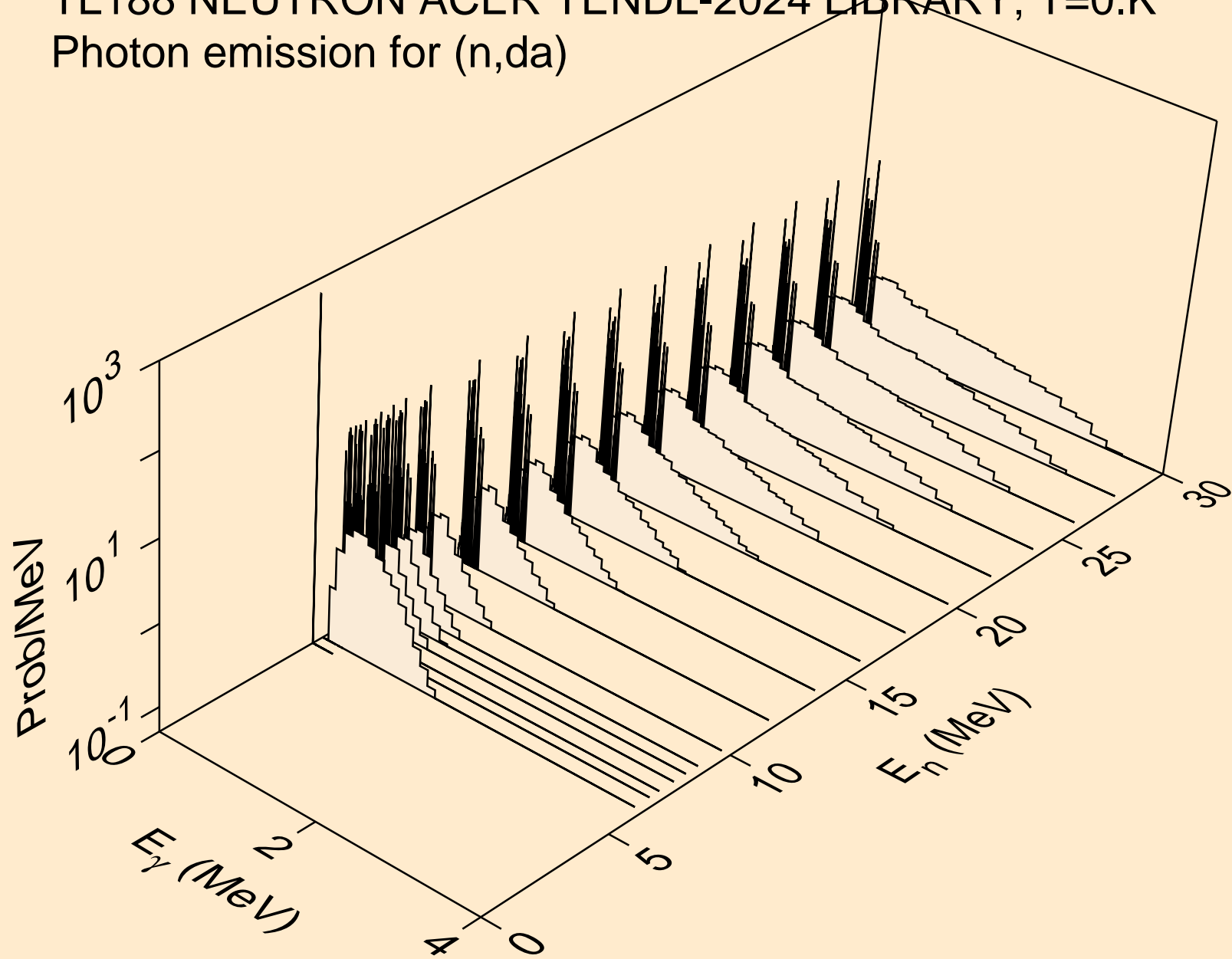




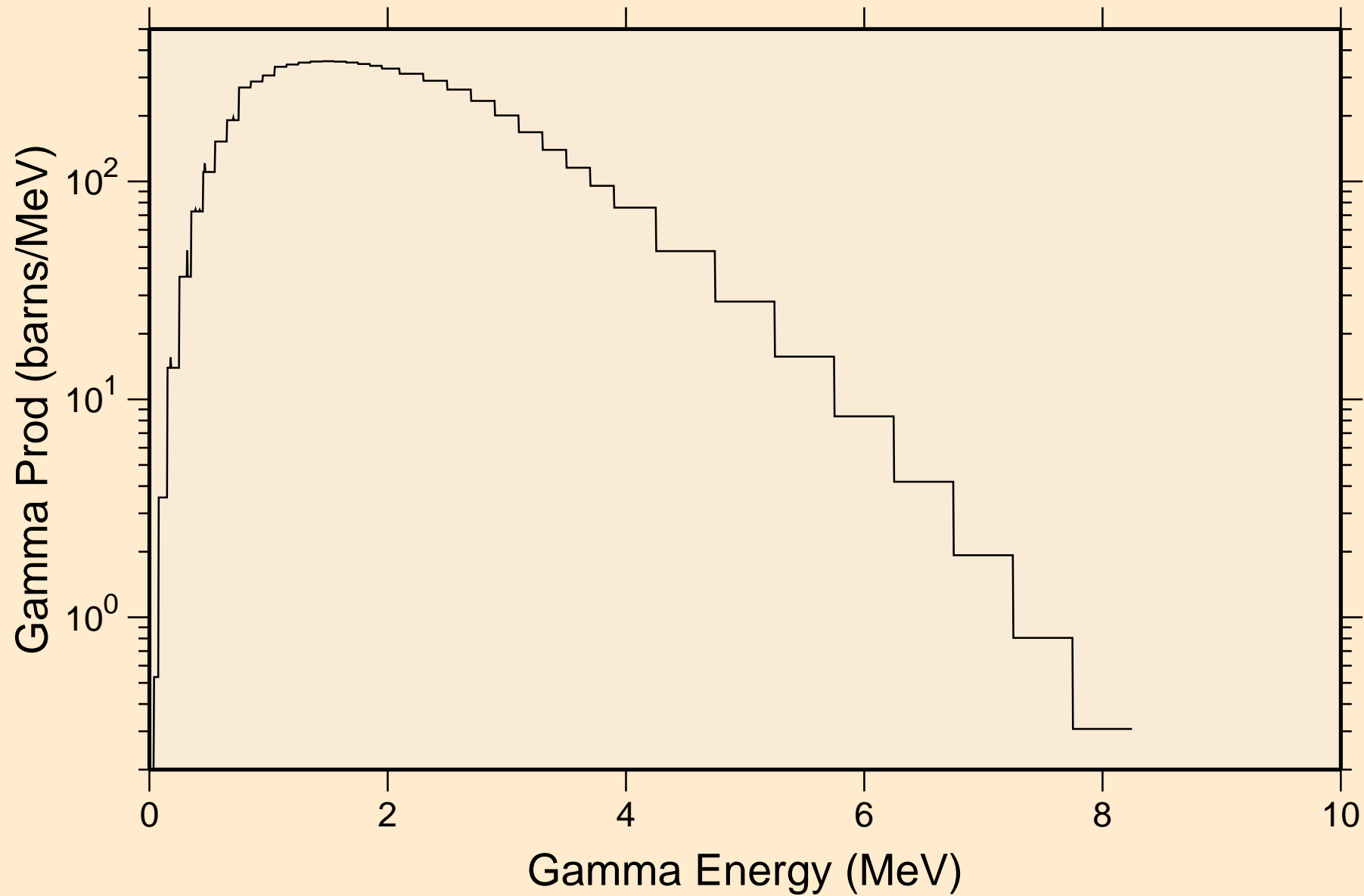
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



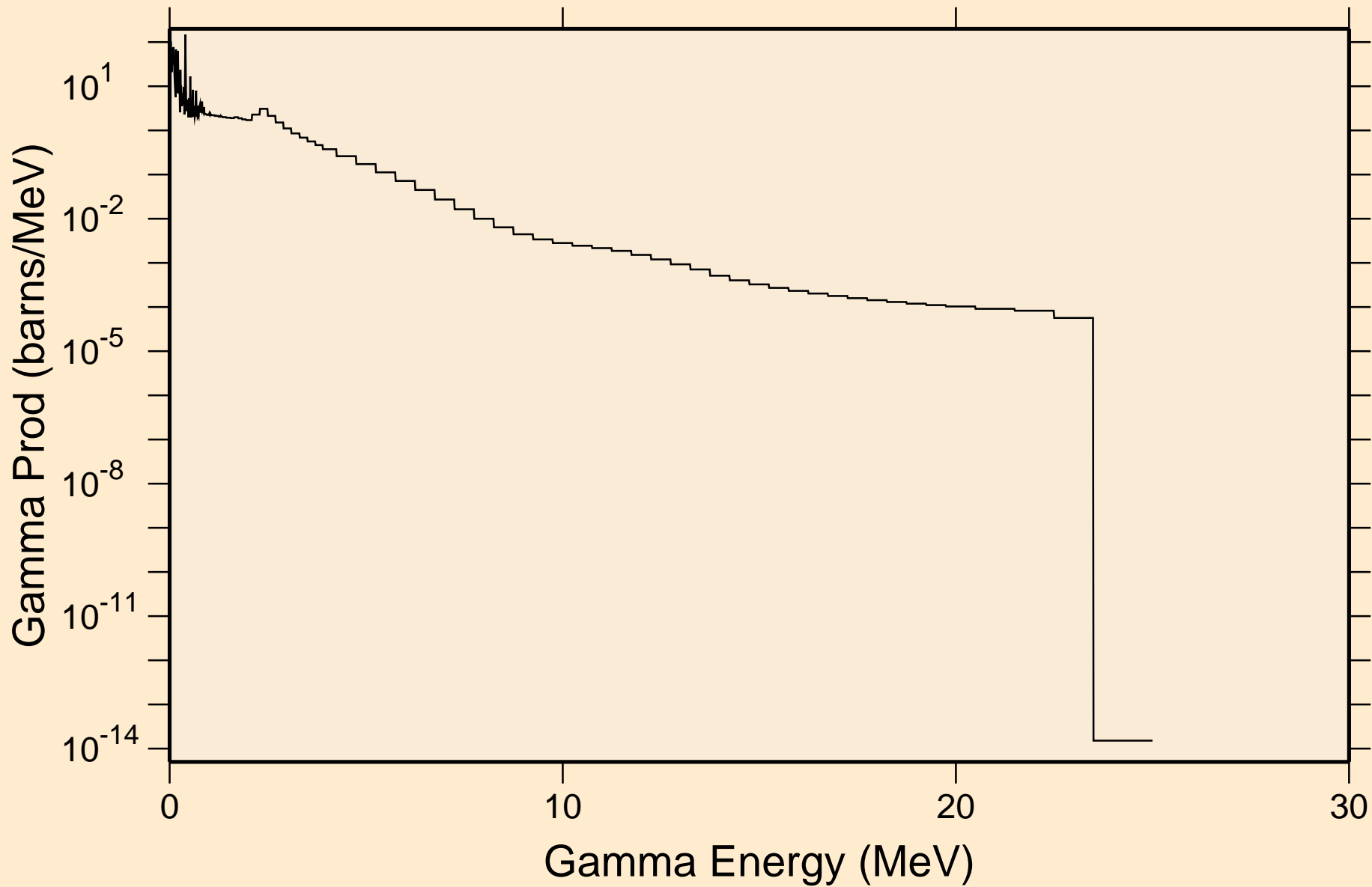
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

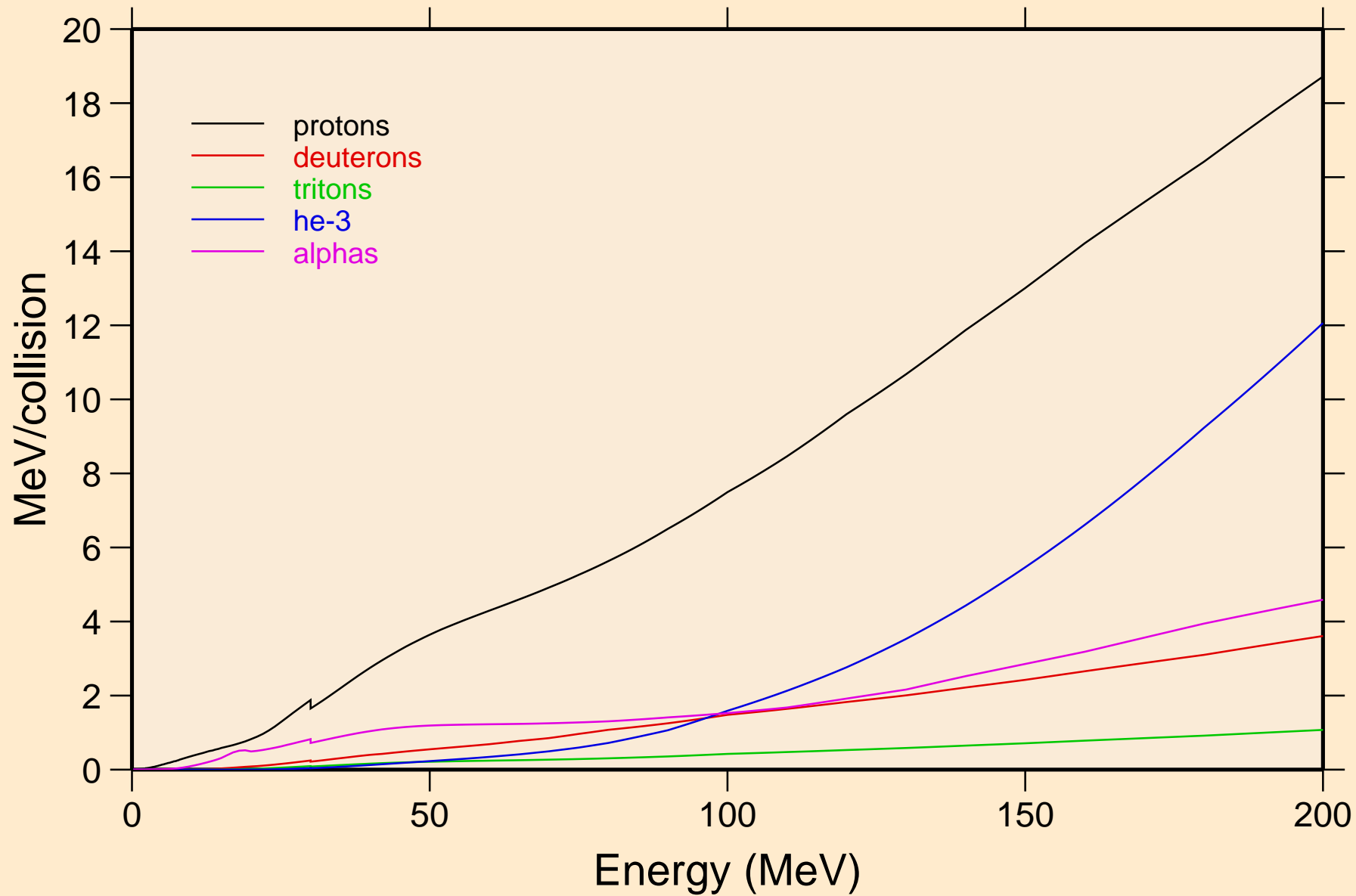


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

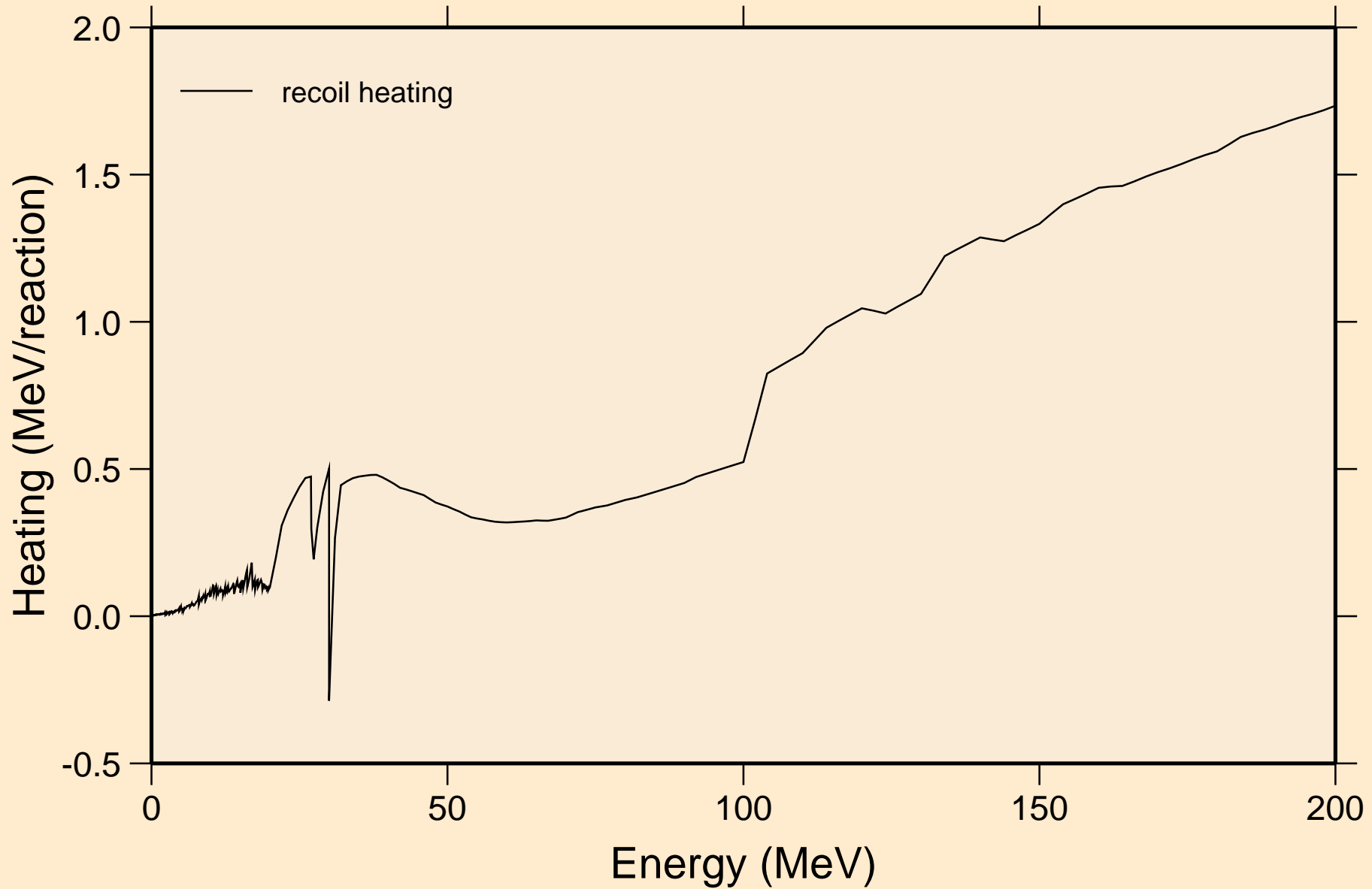


# TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

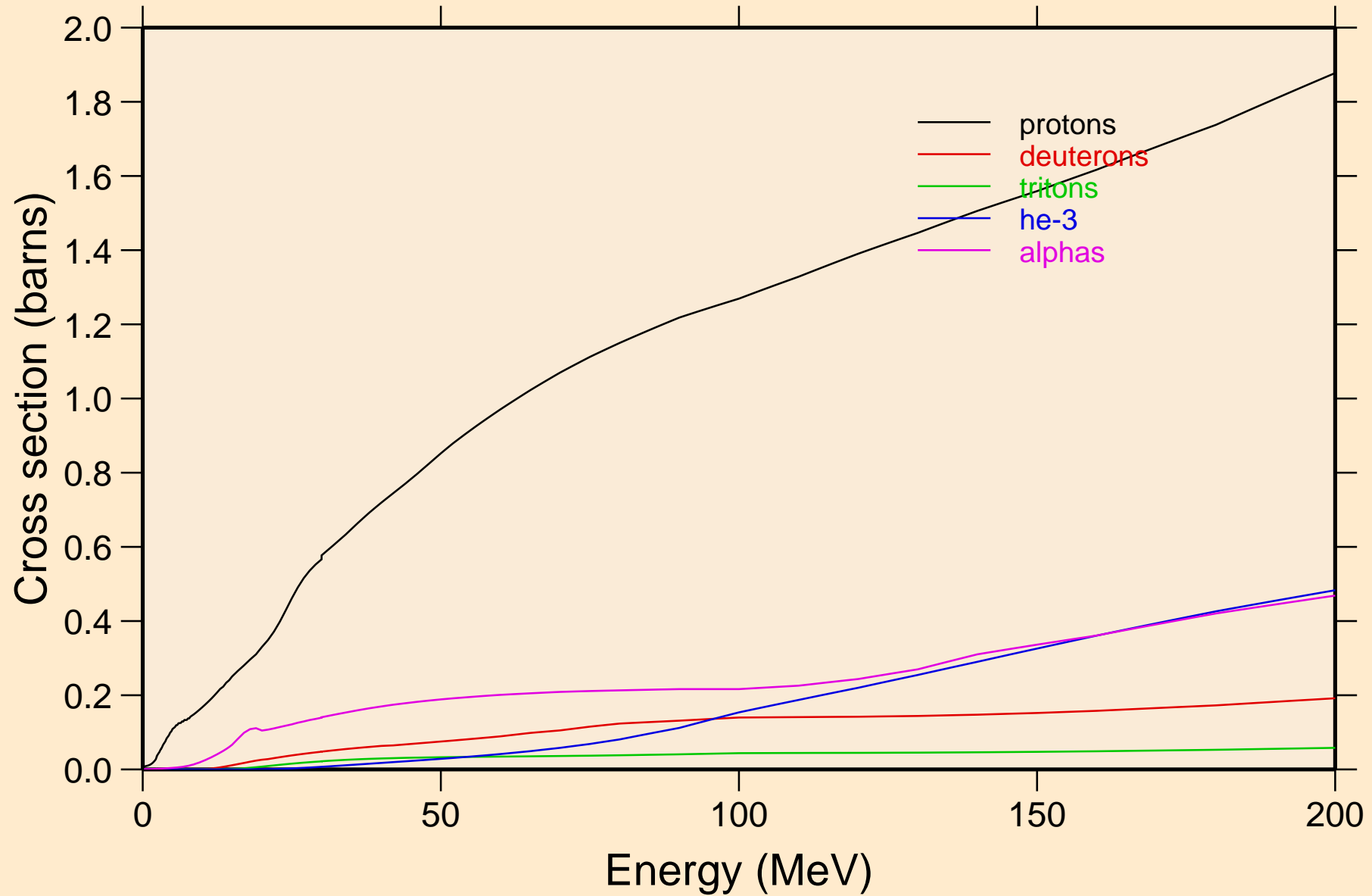
## Particle heating contributions



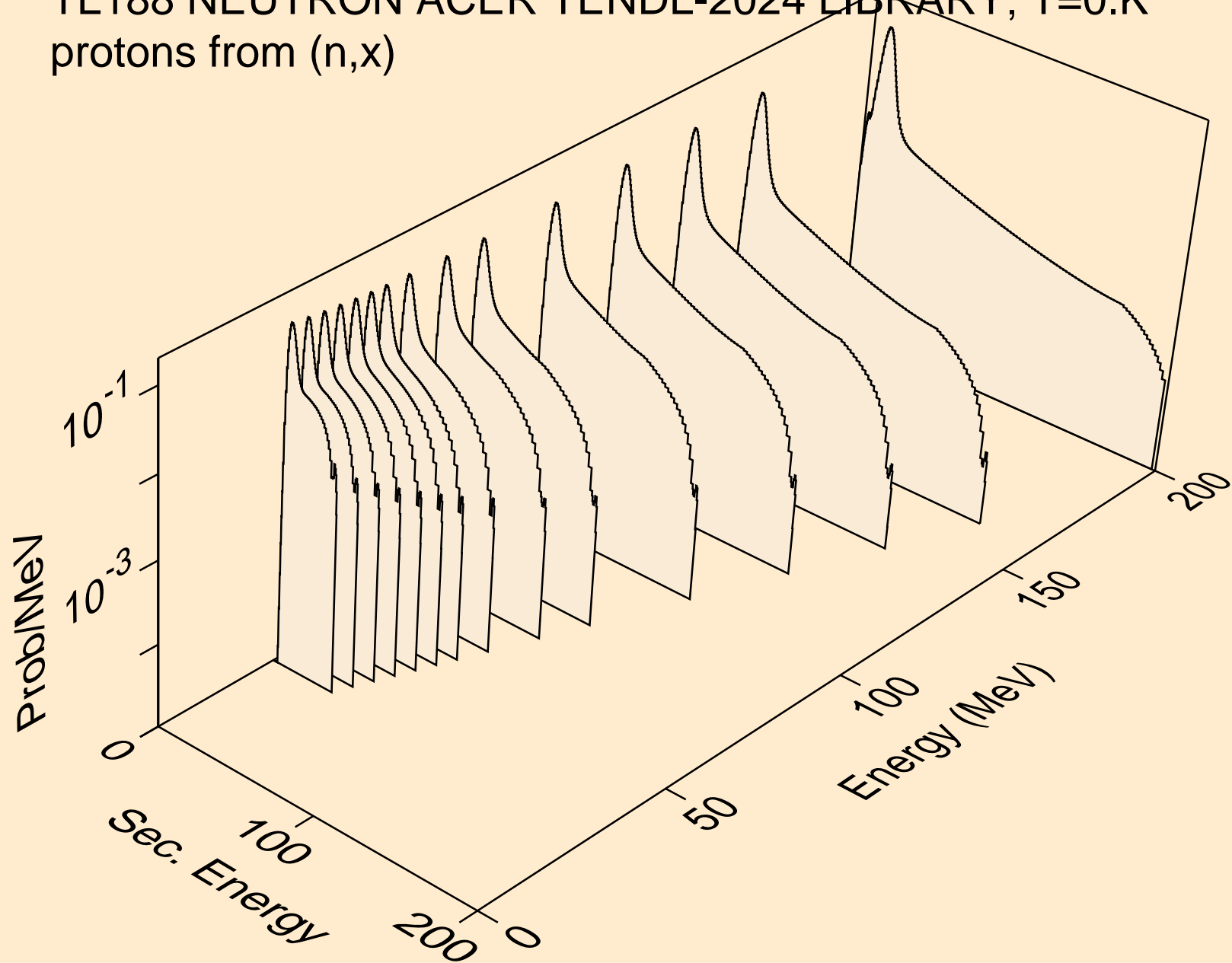
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

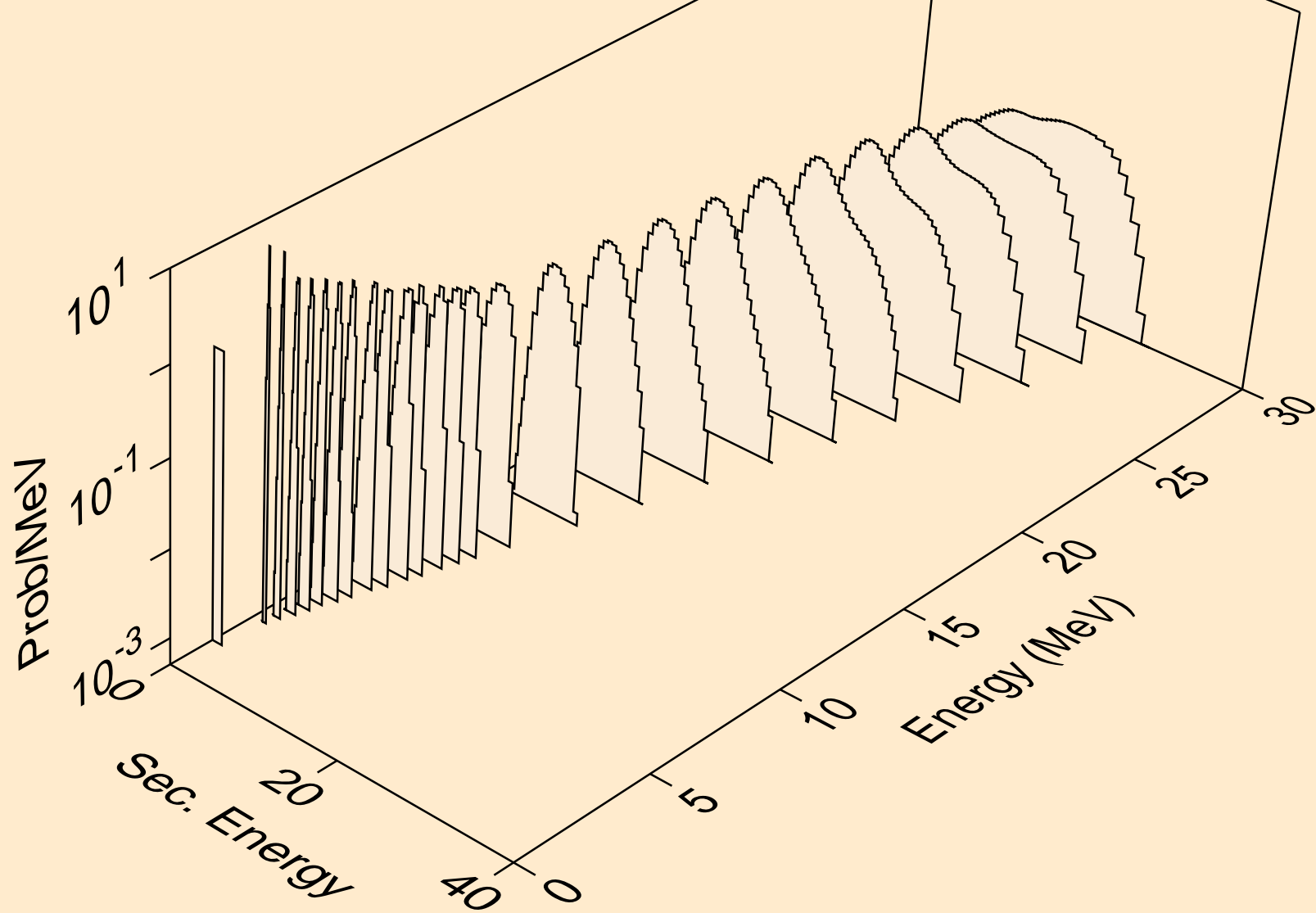


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

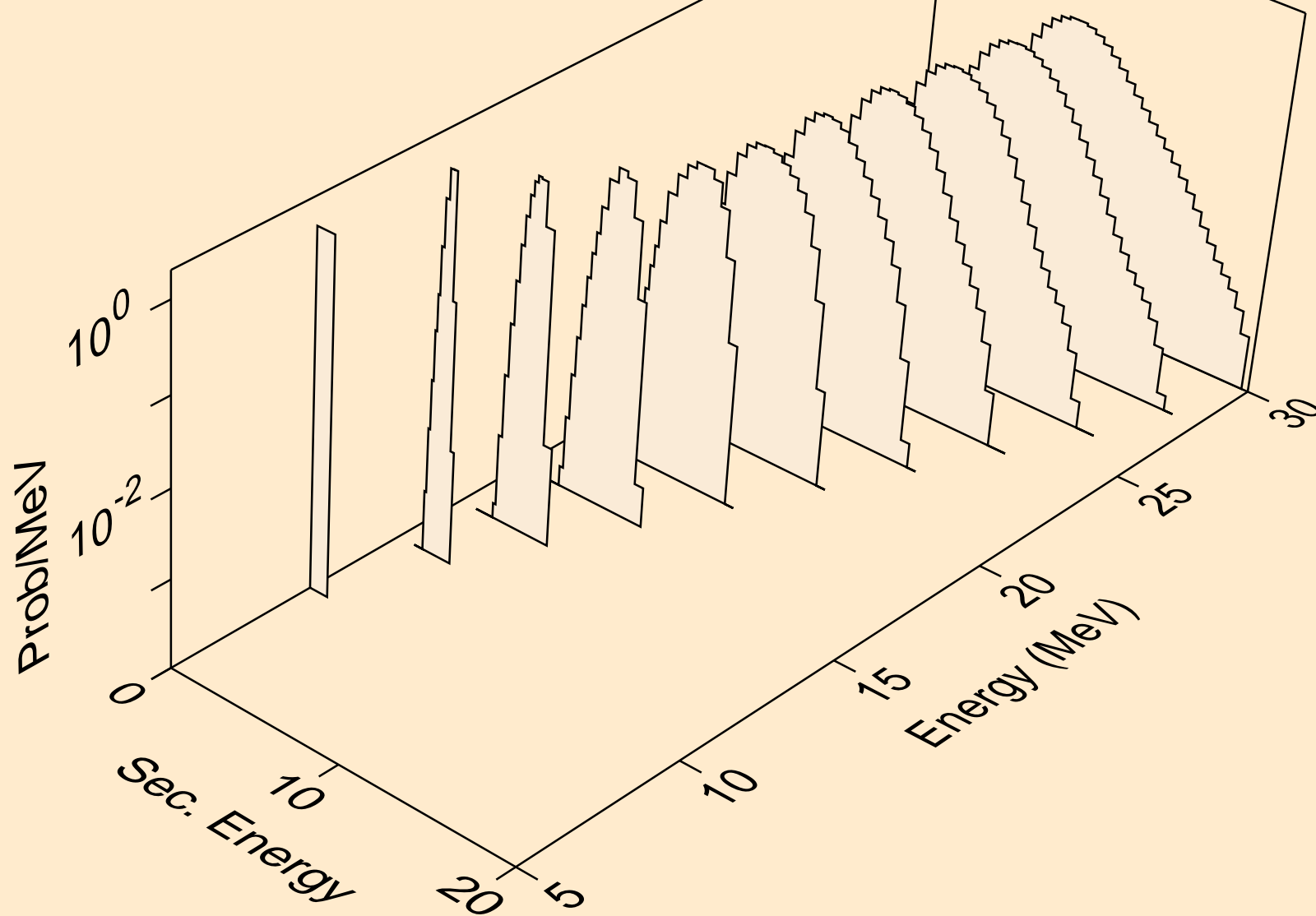




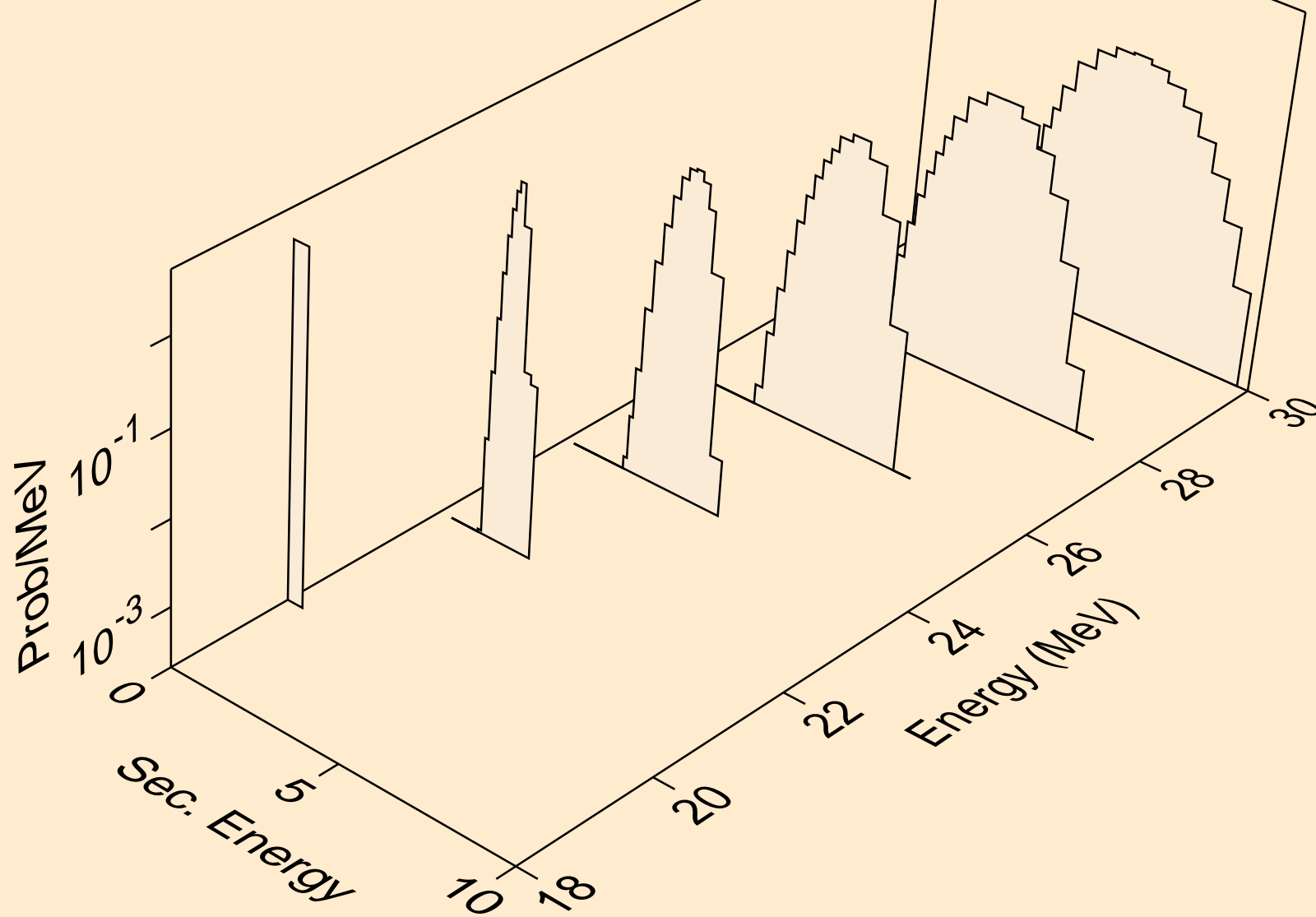
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



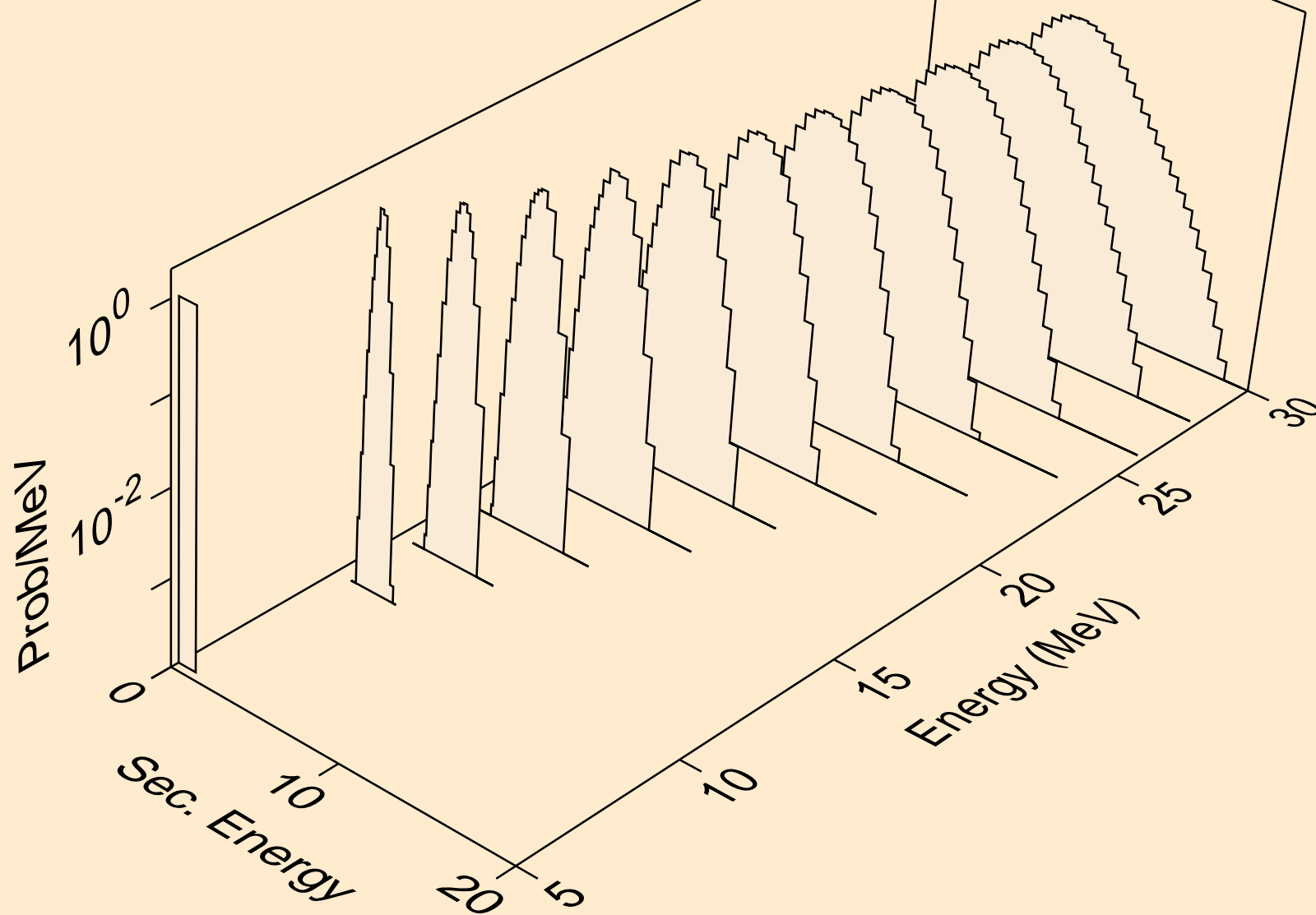
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



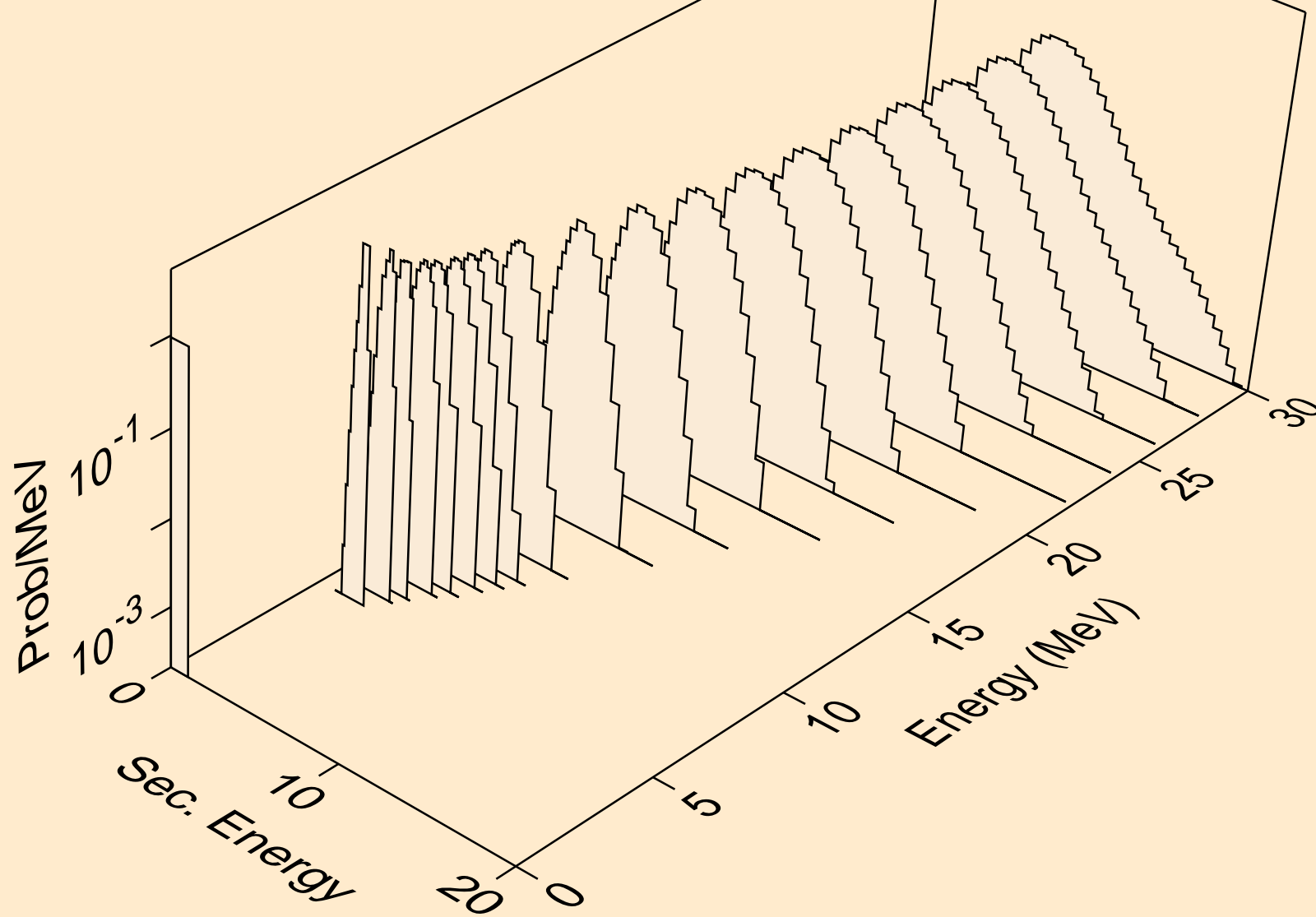
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



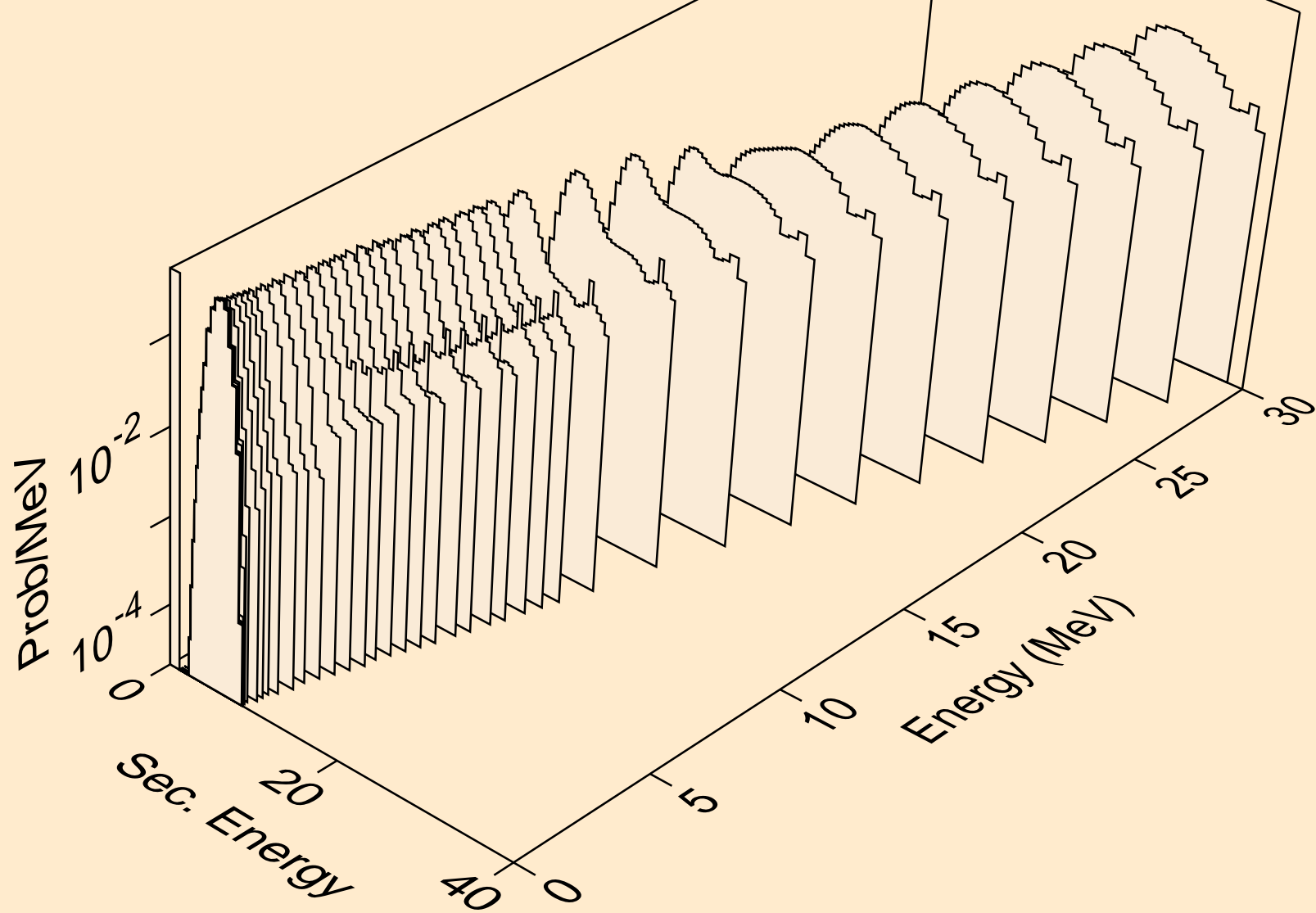
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



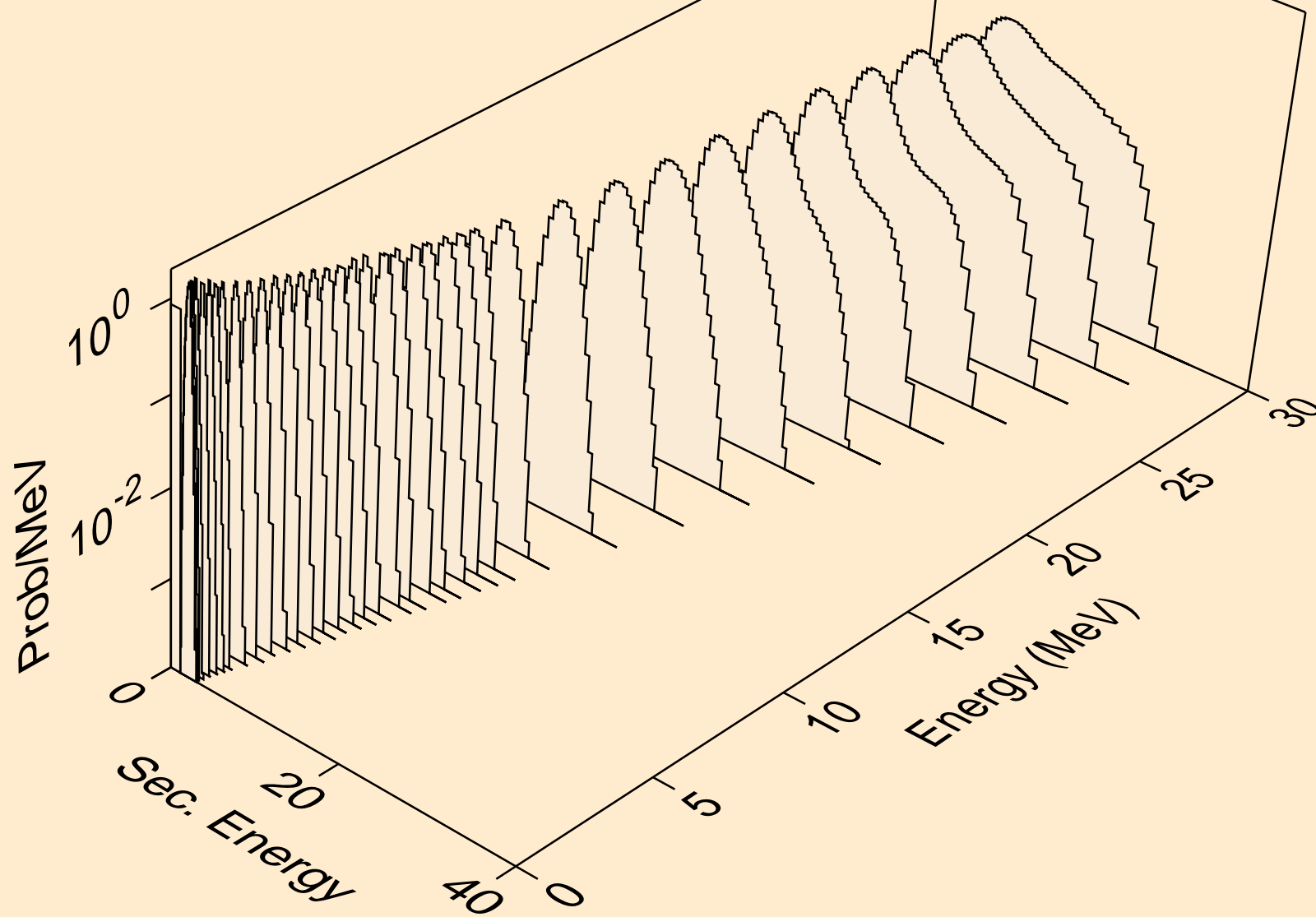
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



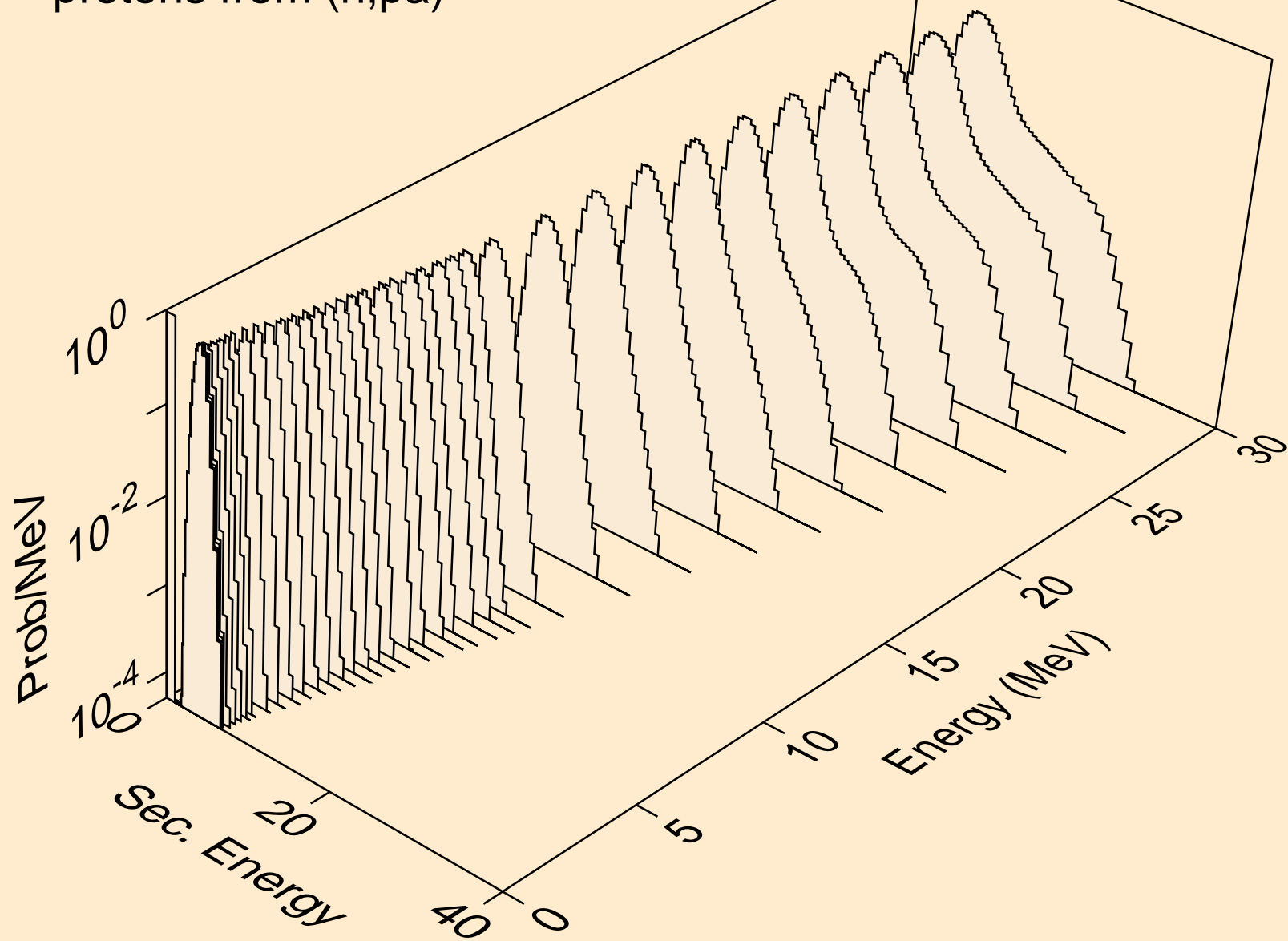
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

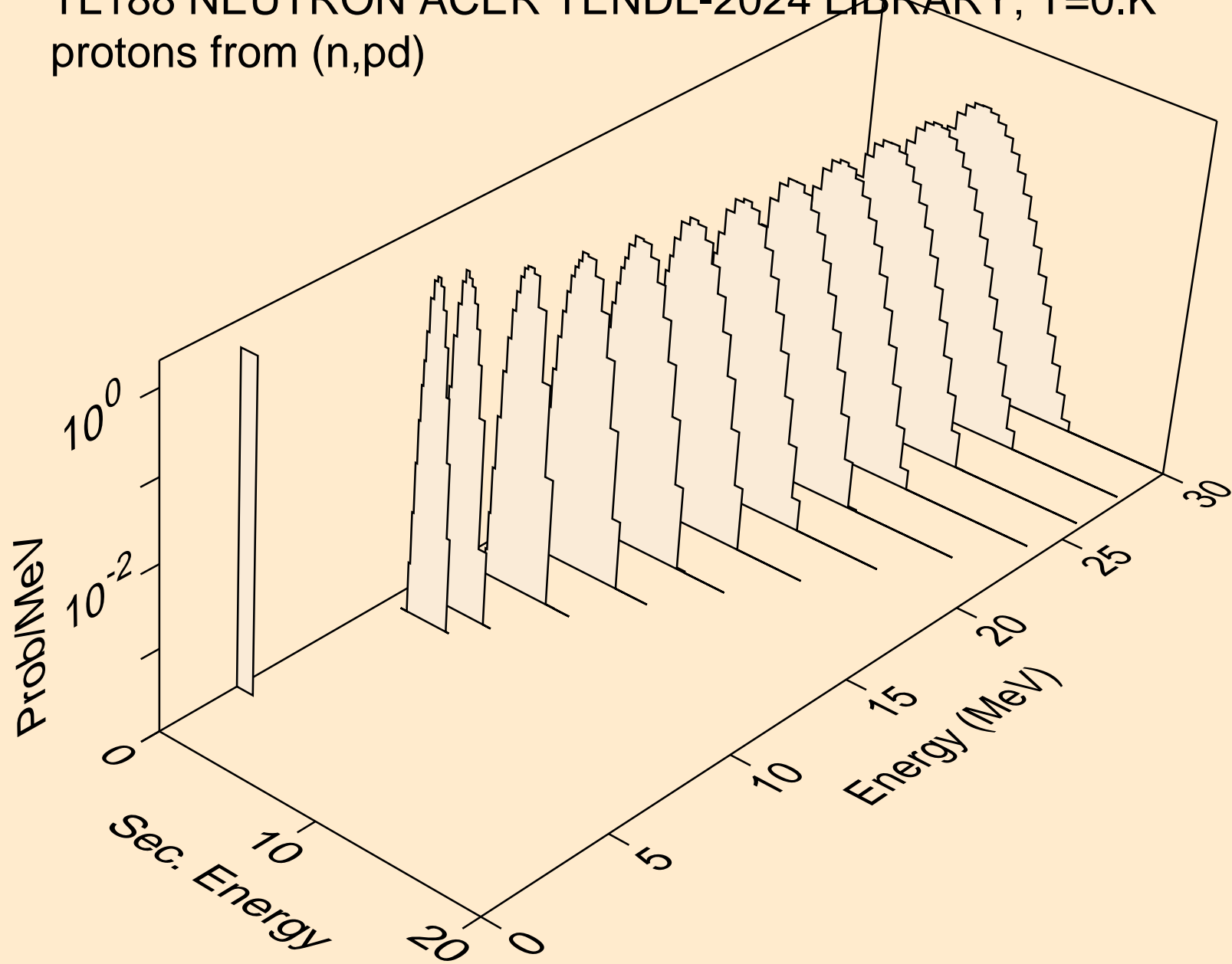


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

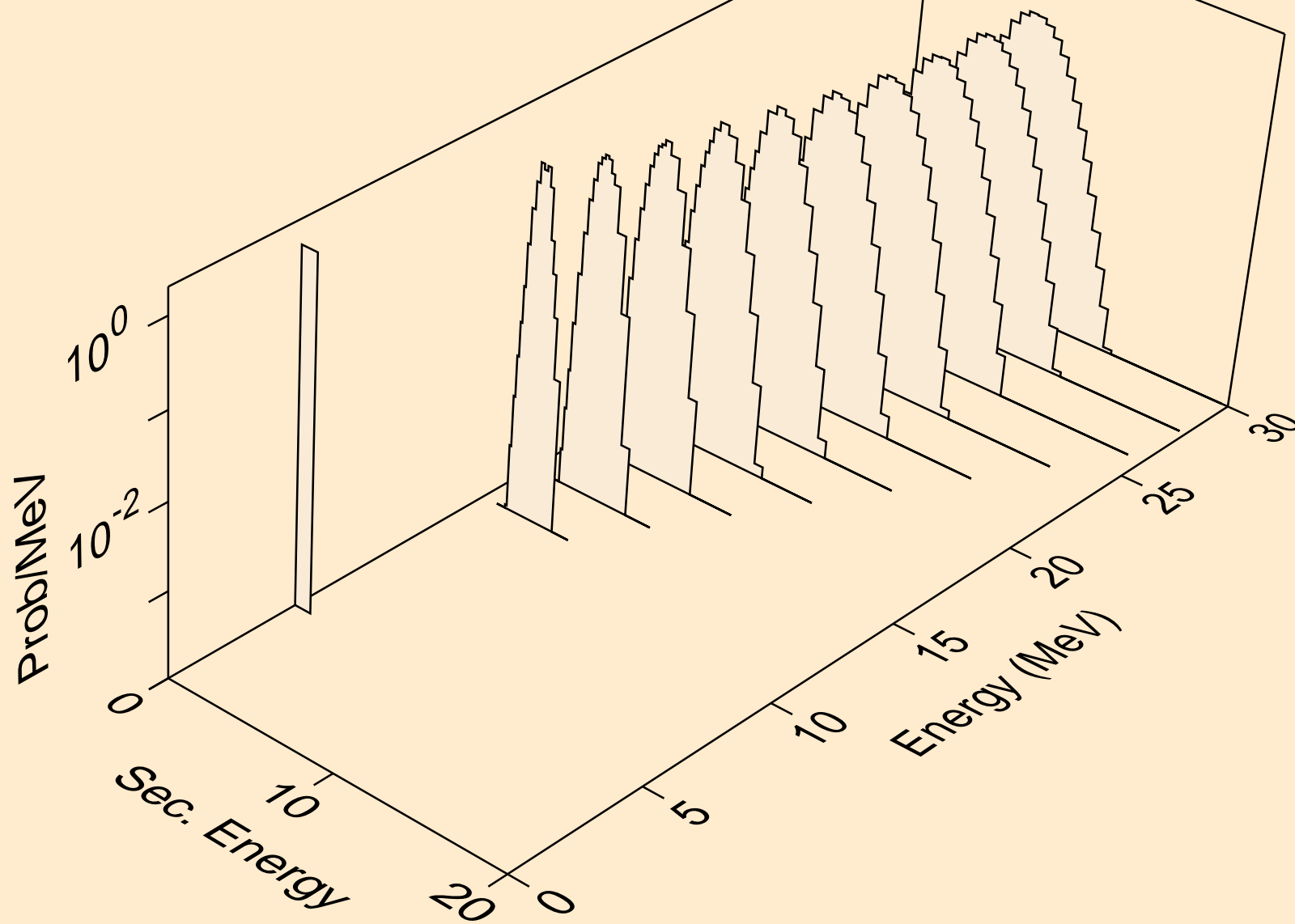




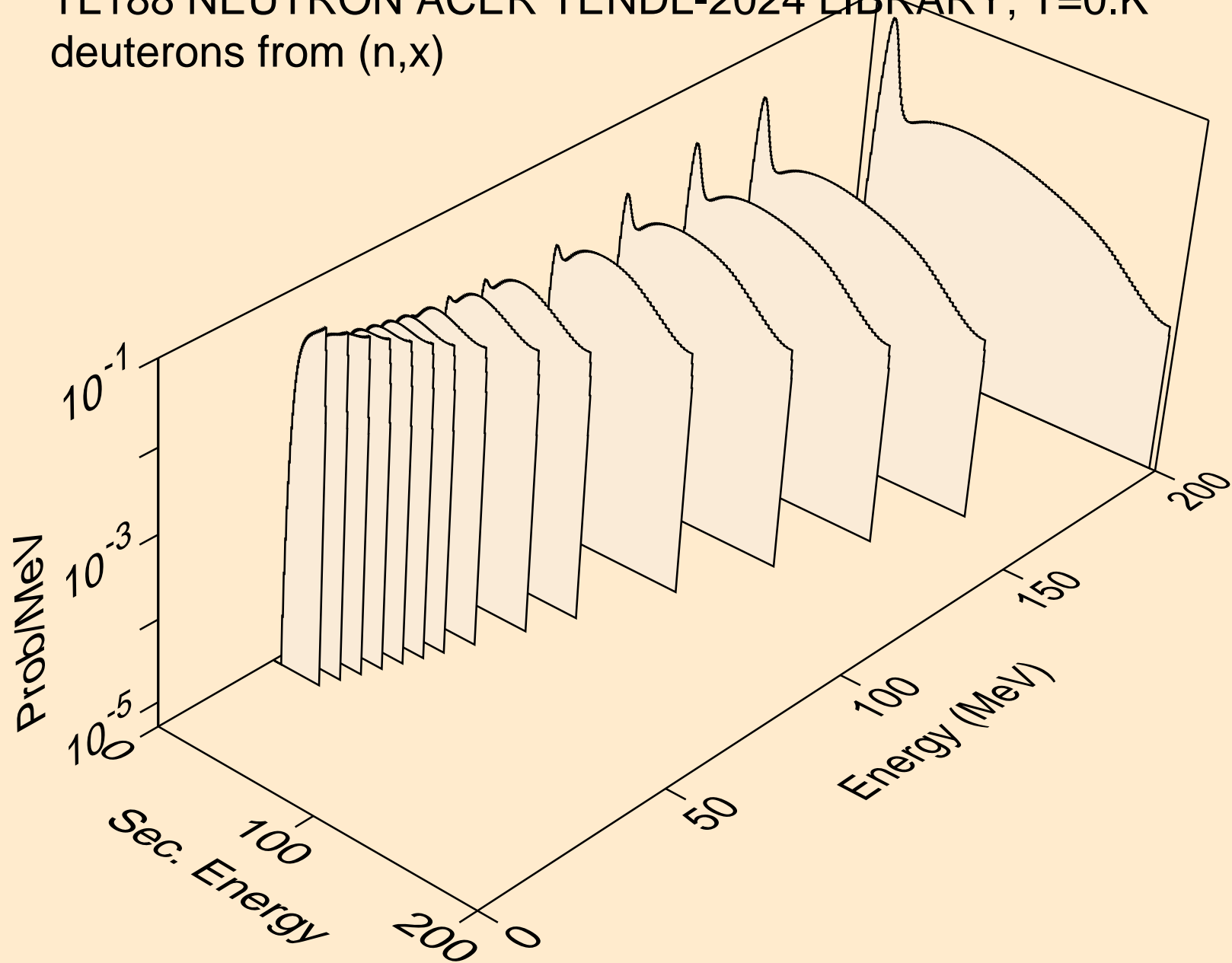
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



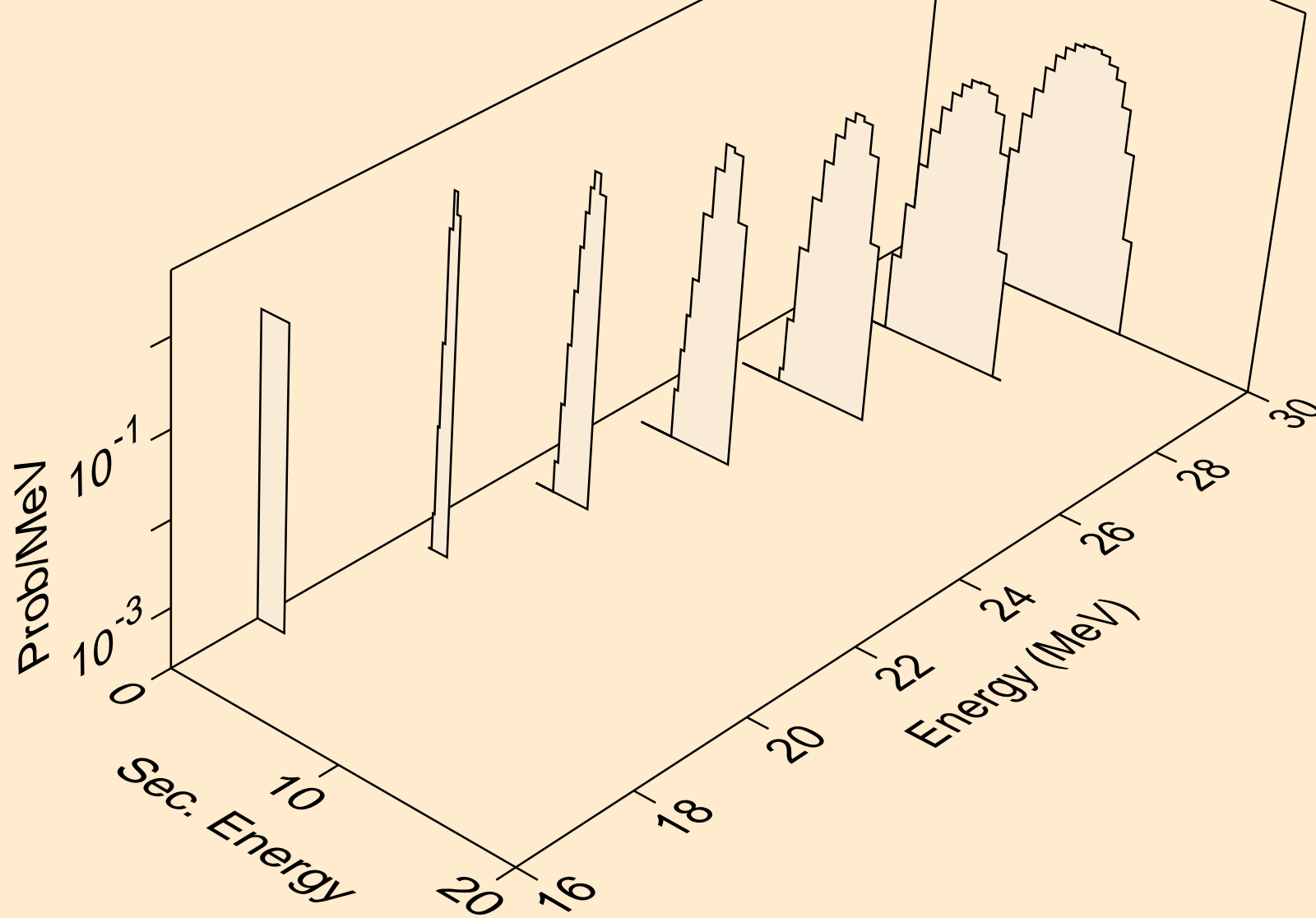
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



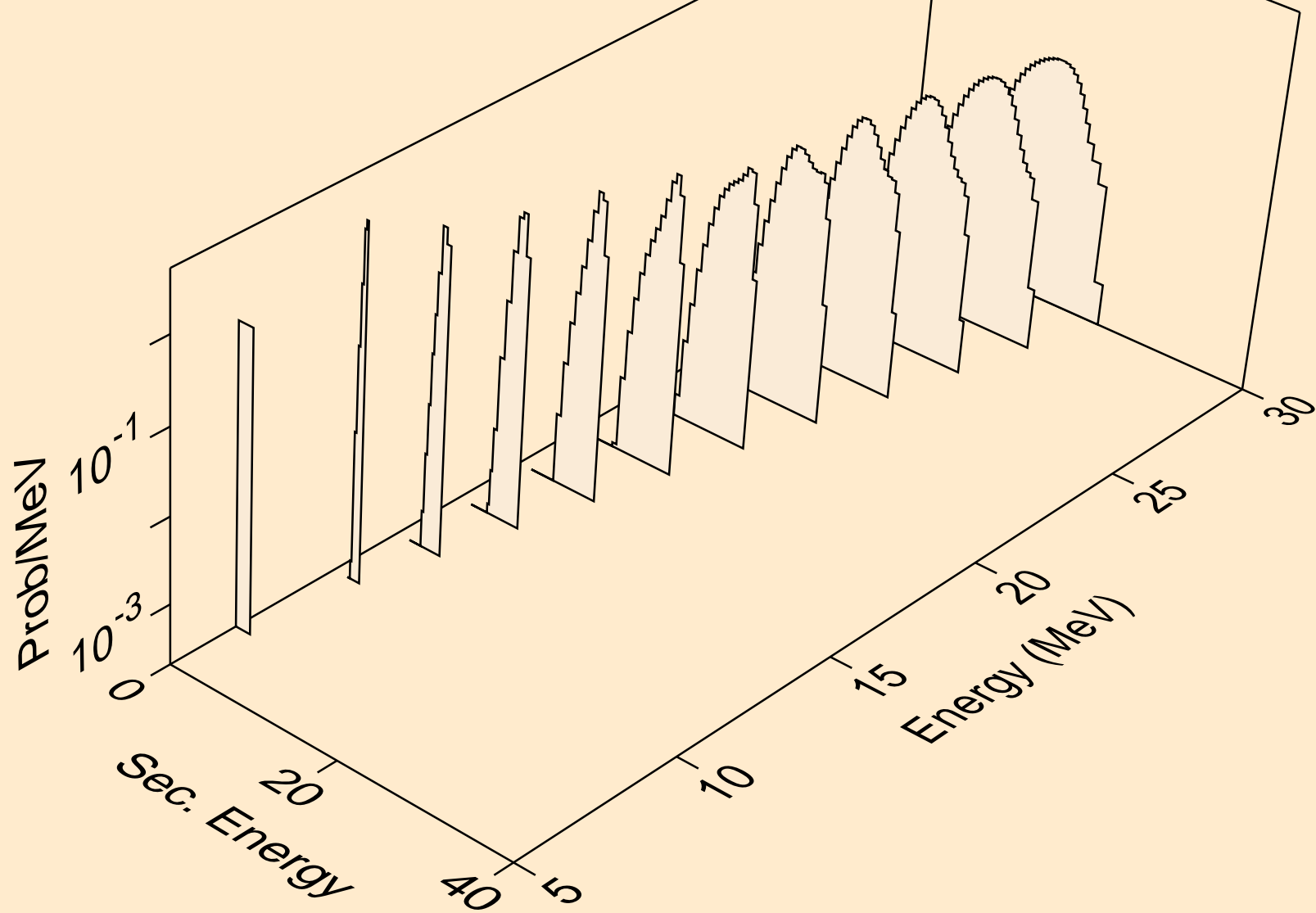
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



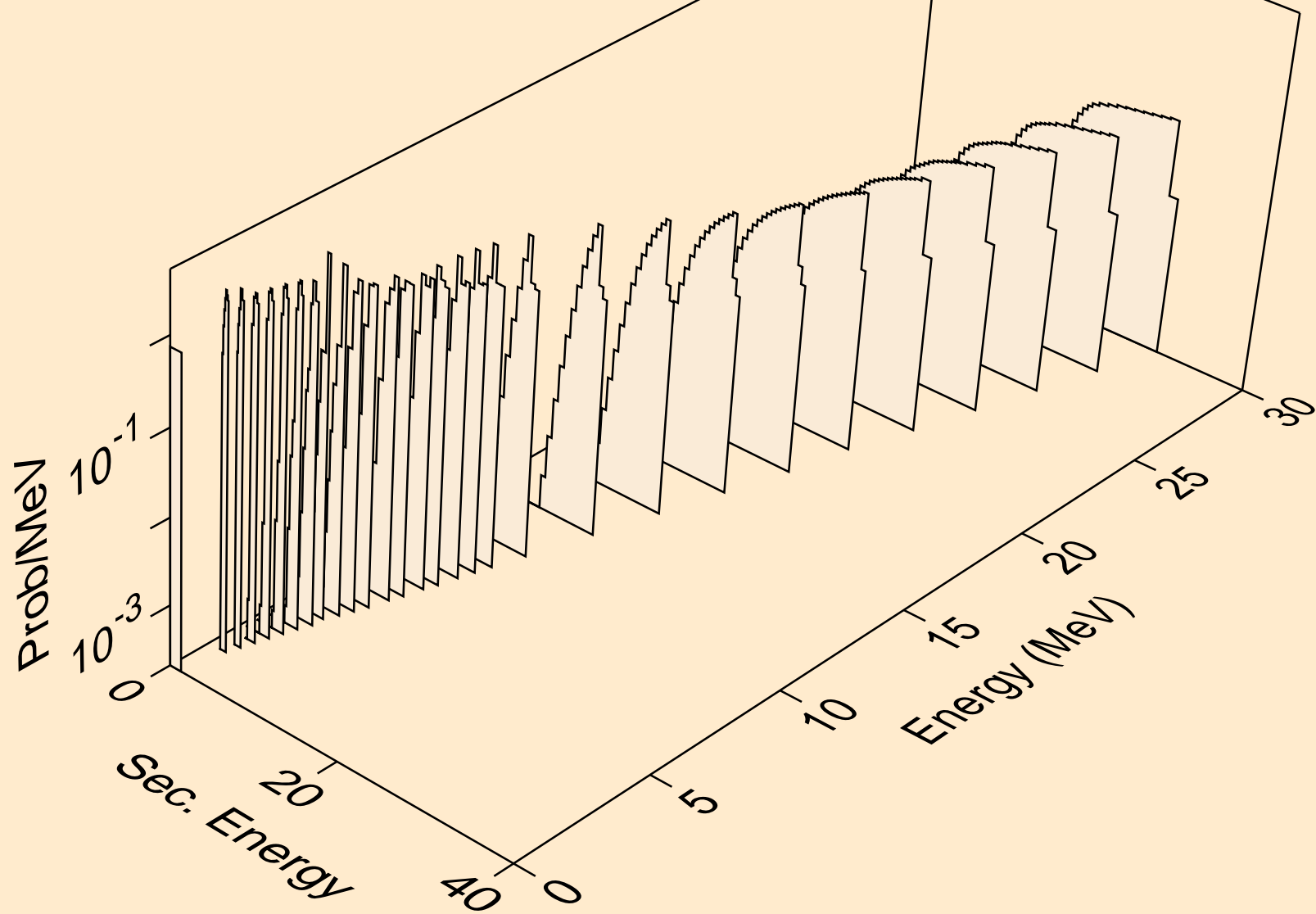
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



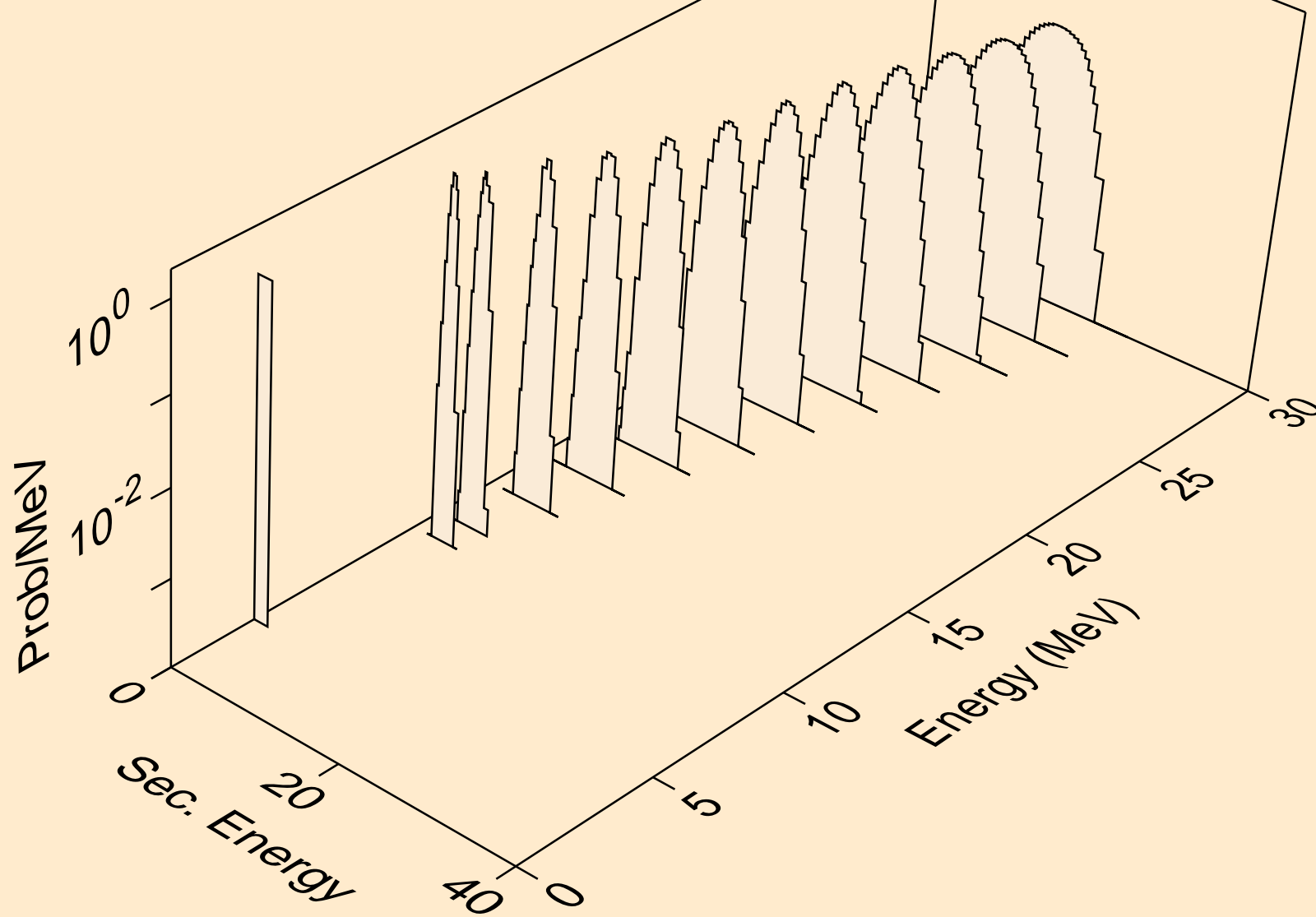
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



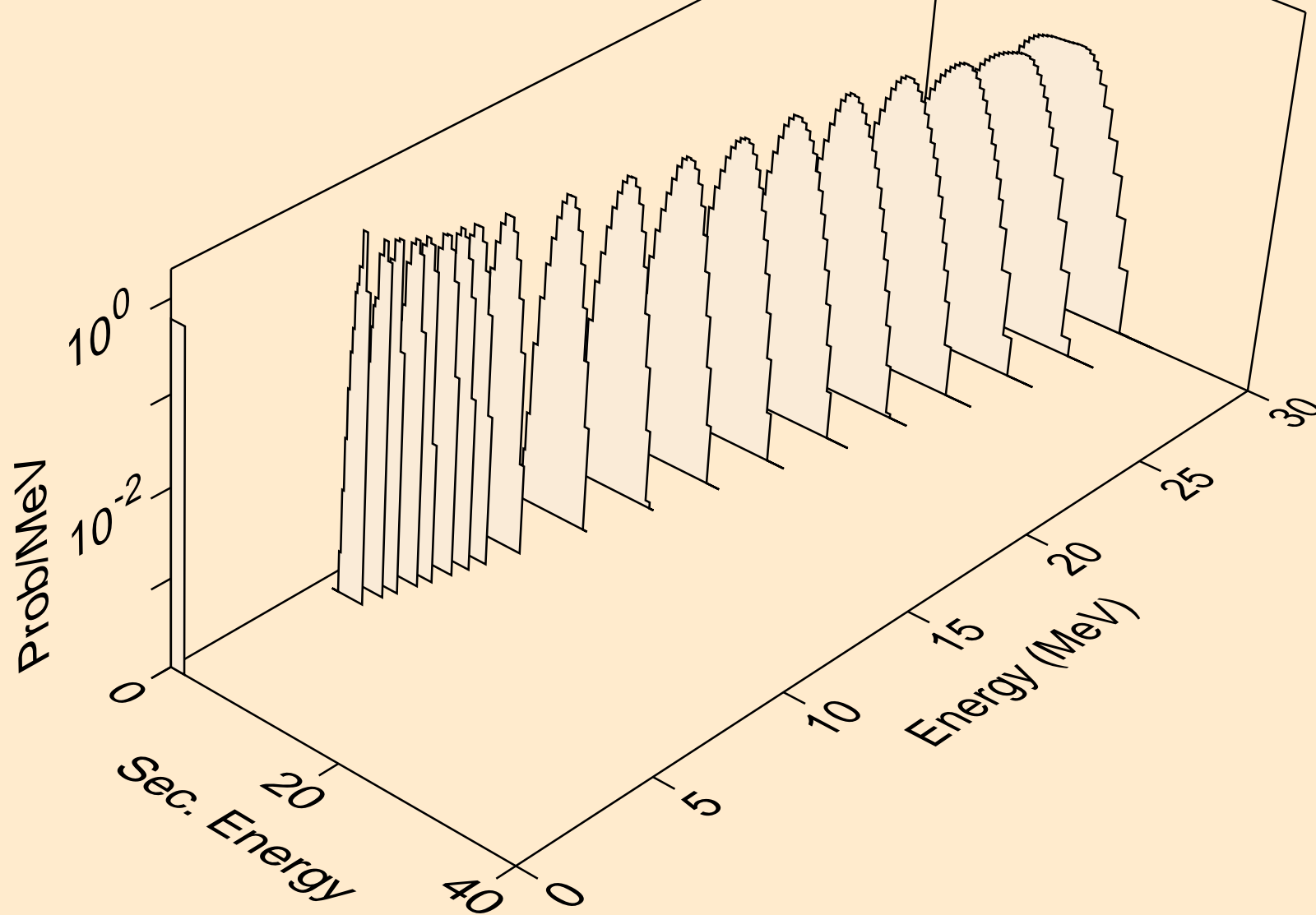
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

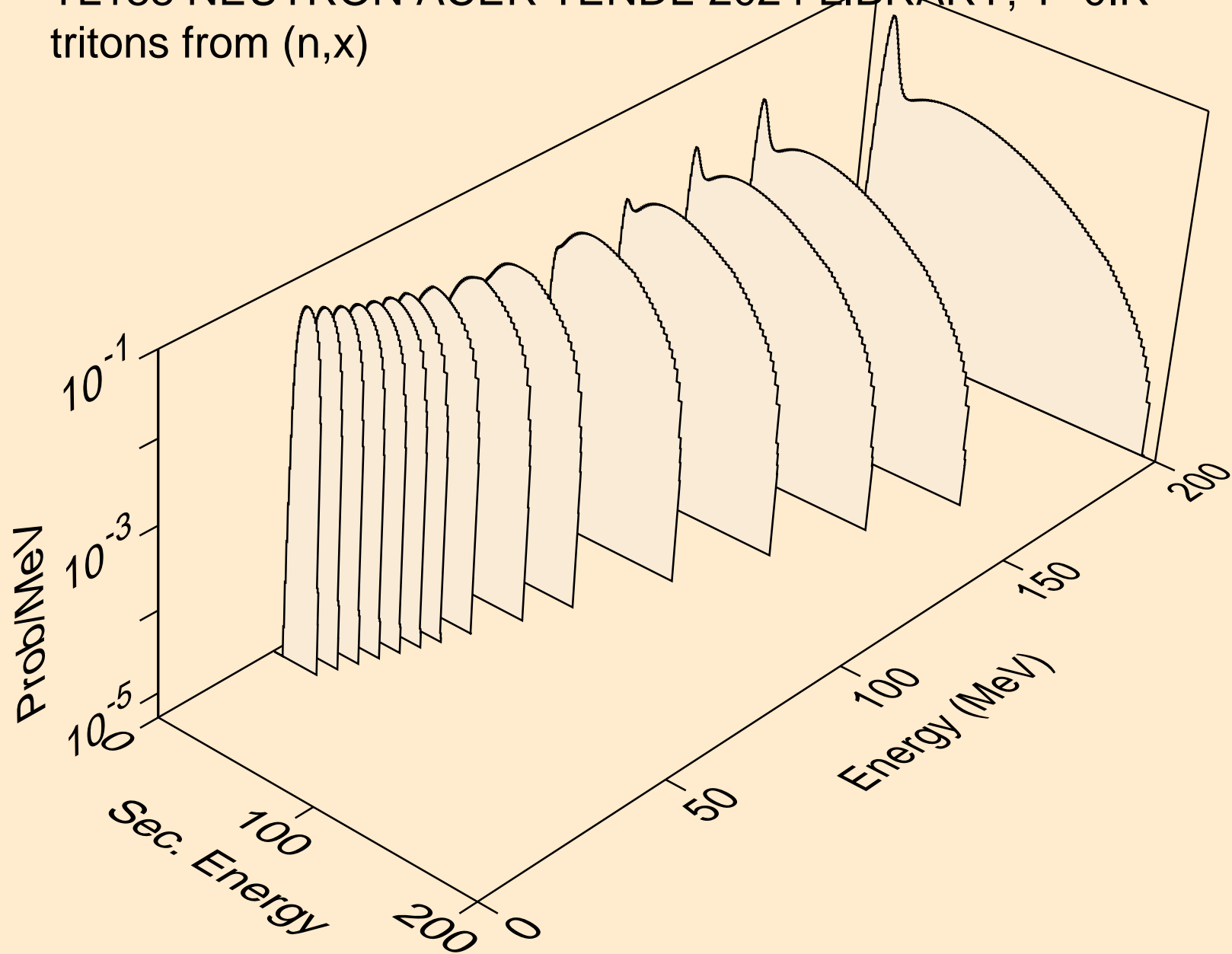


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

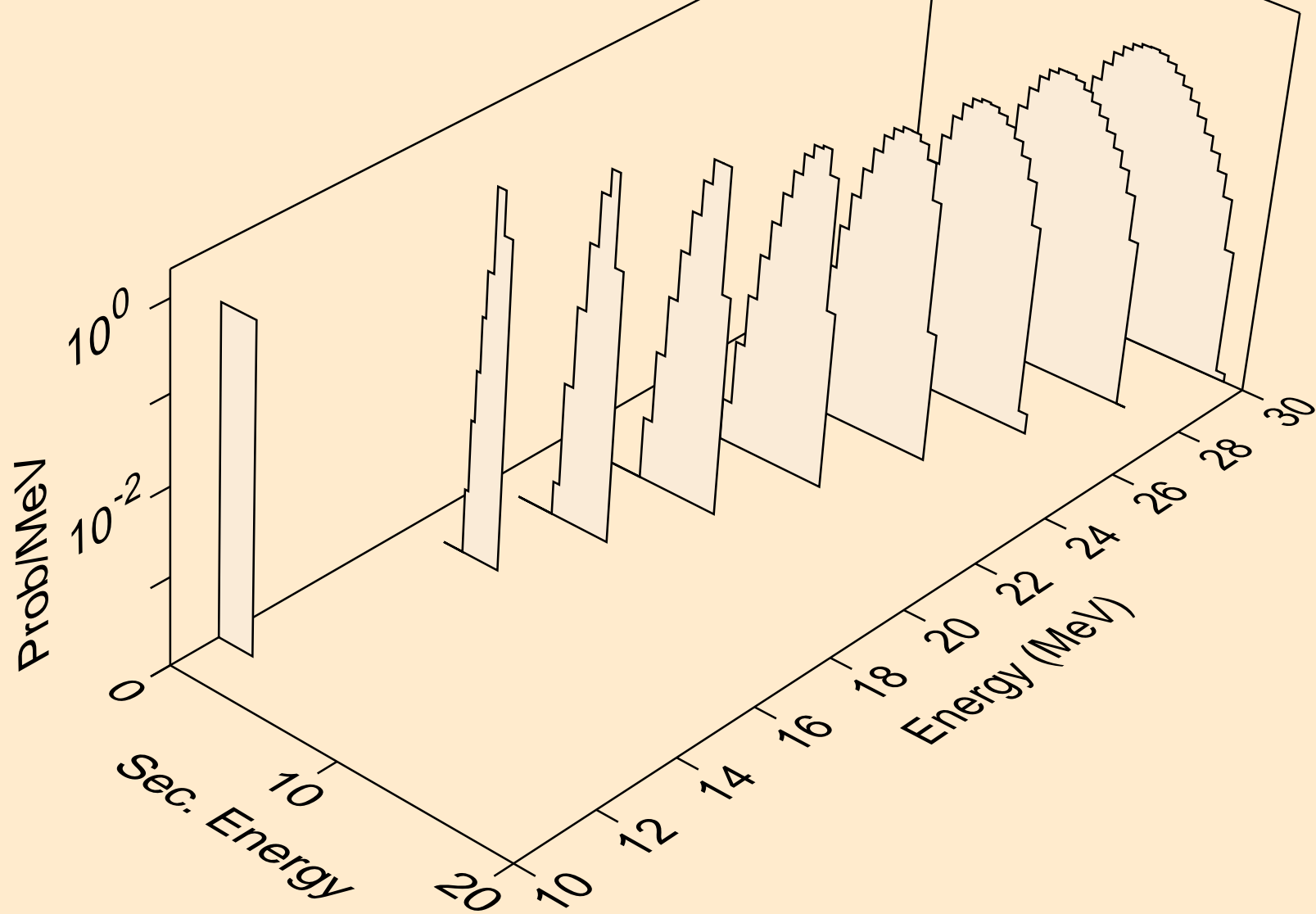




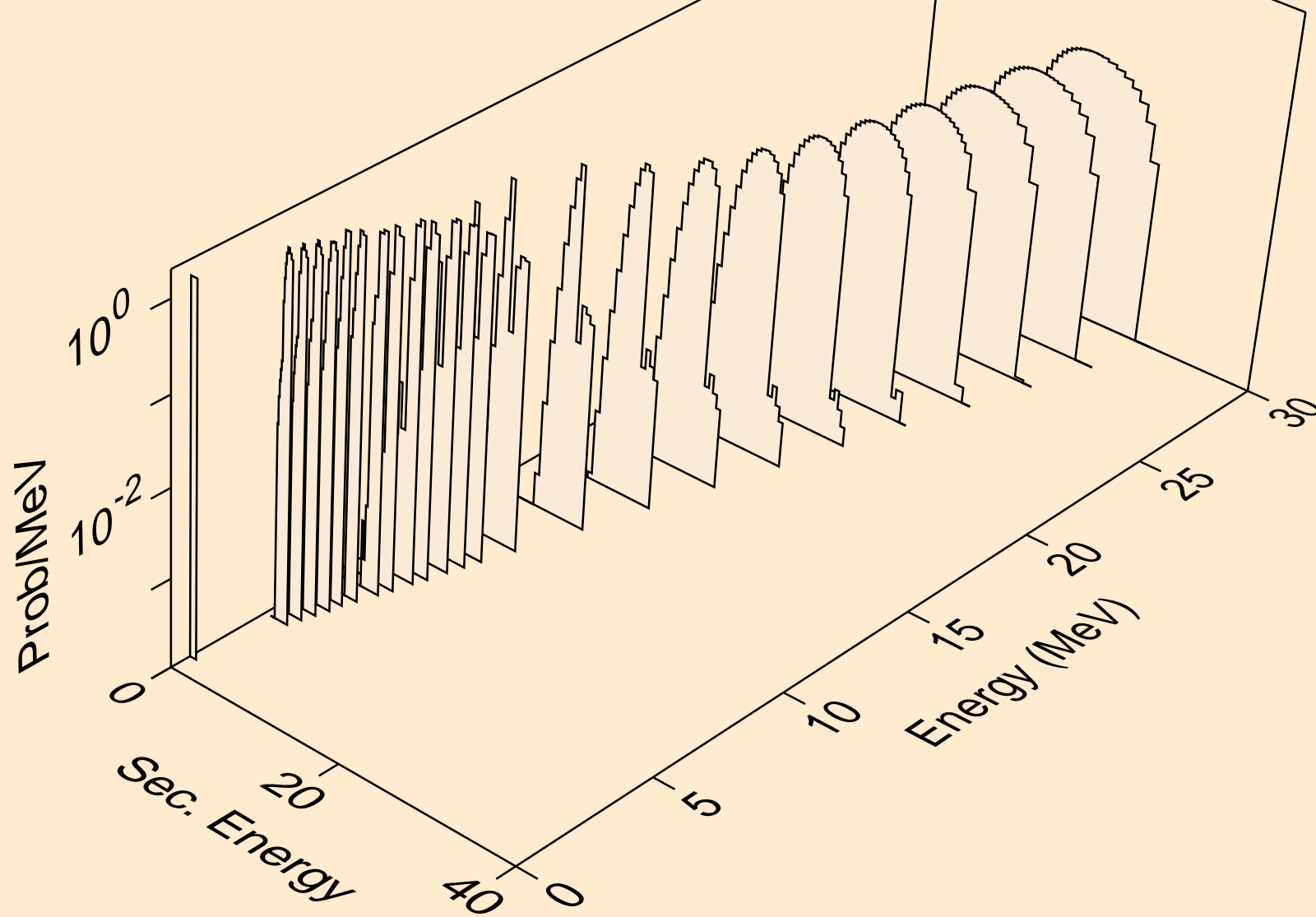
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



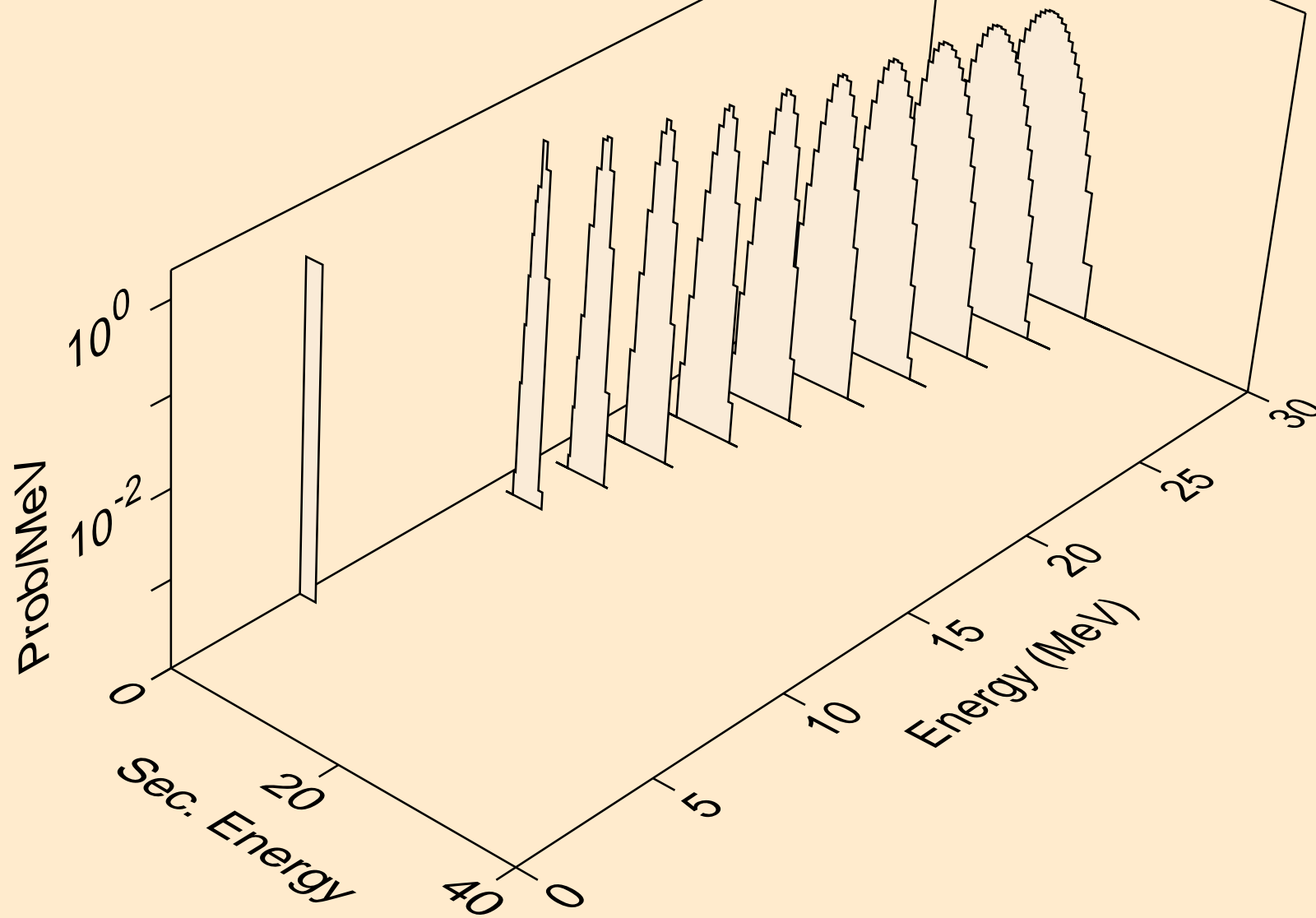
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



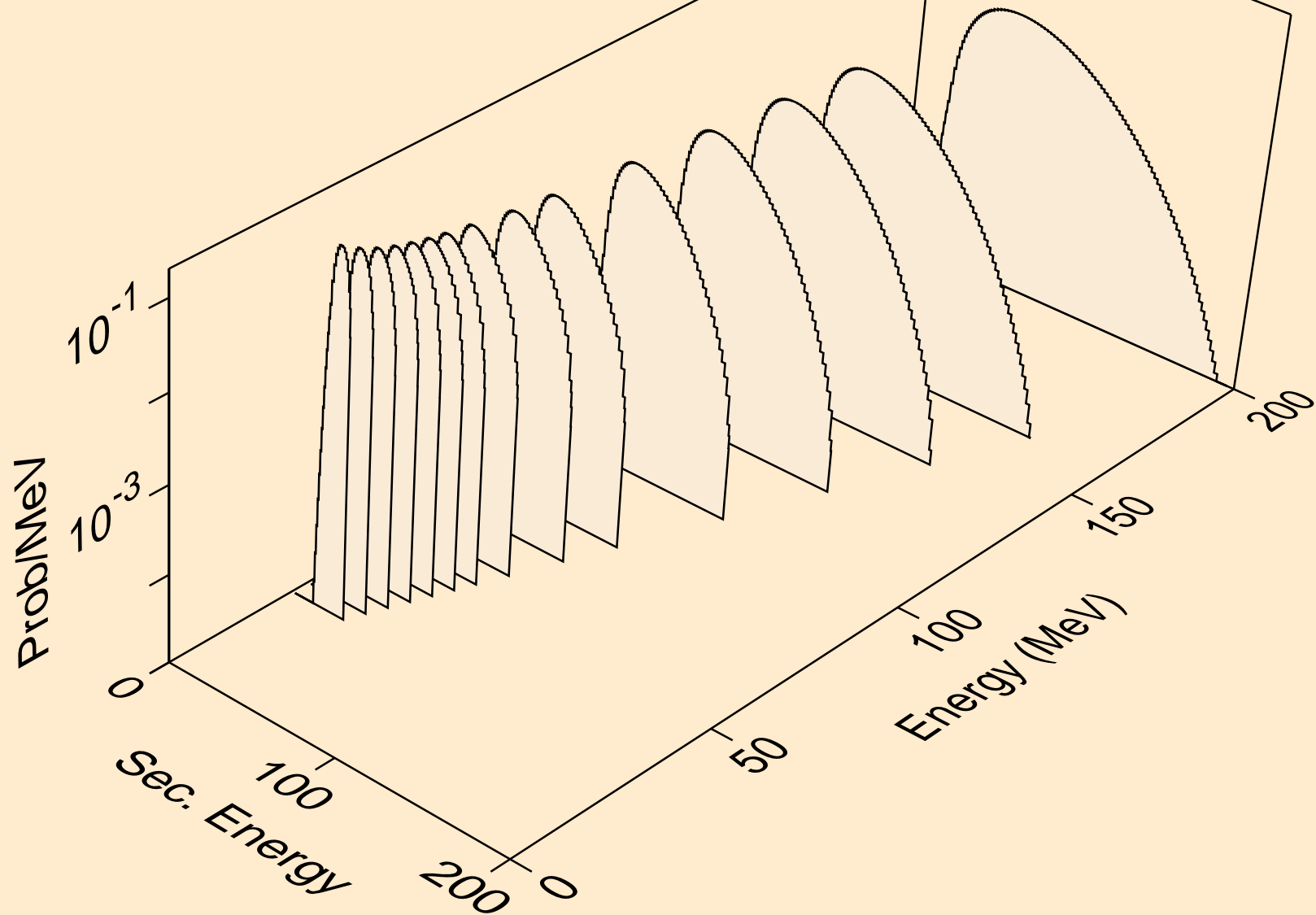
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tritons from (n,t)



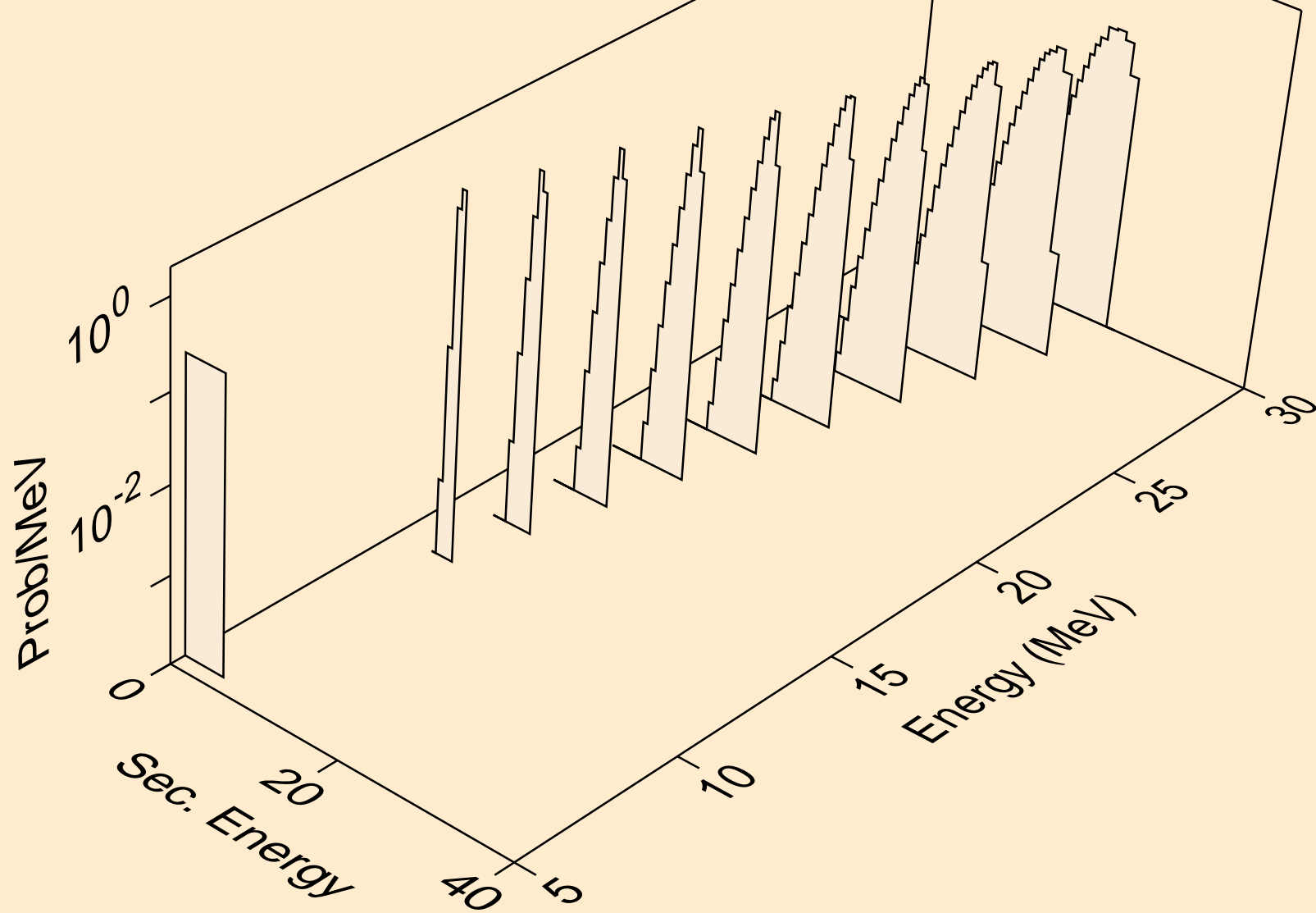
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



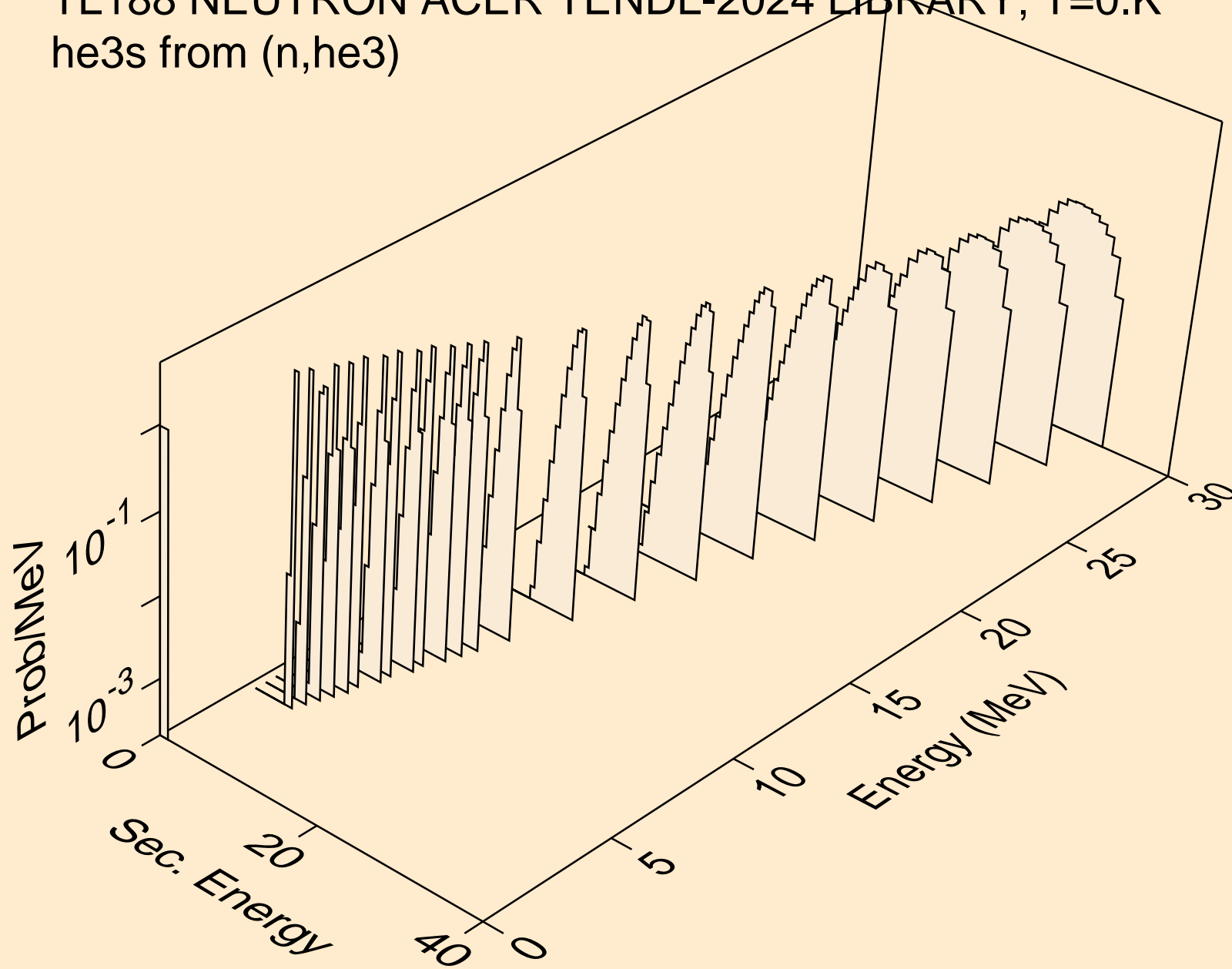
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



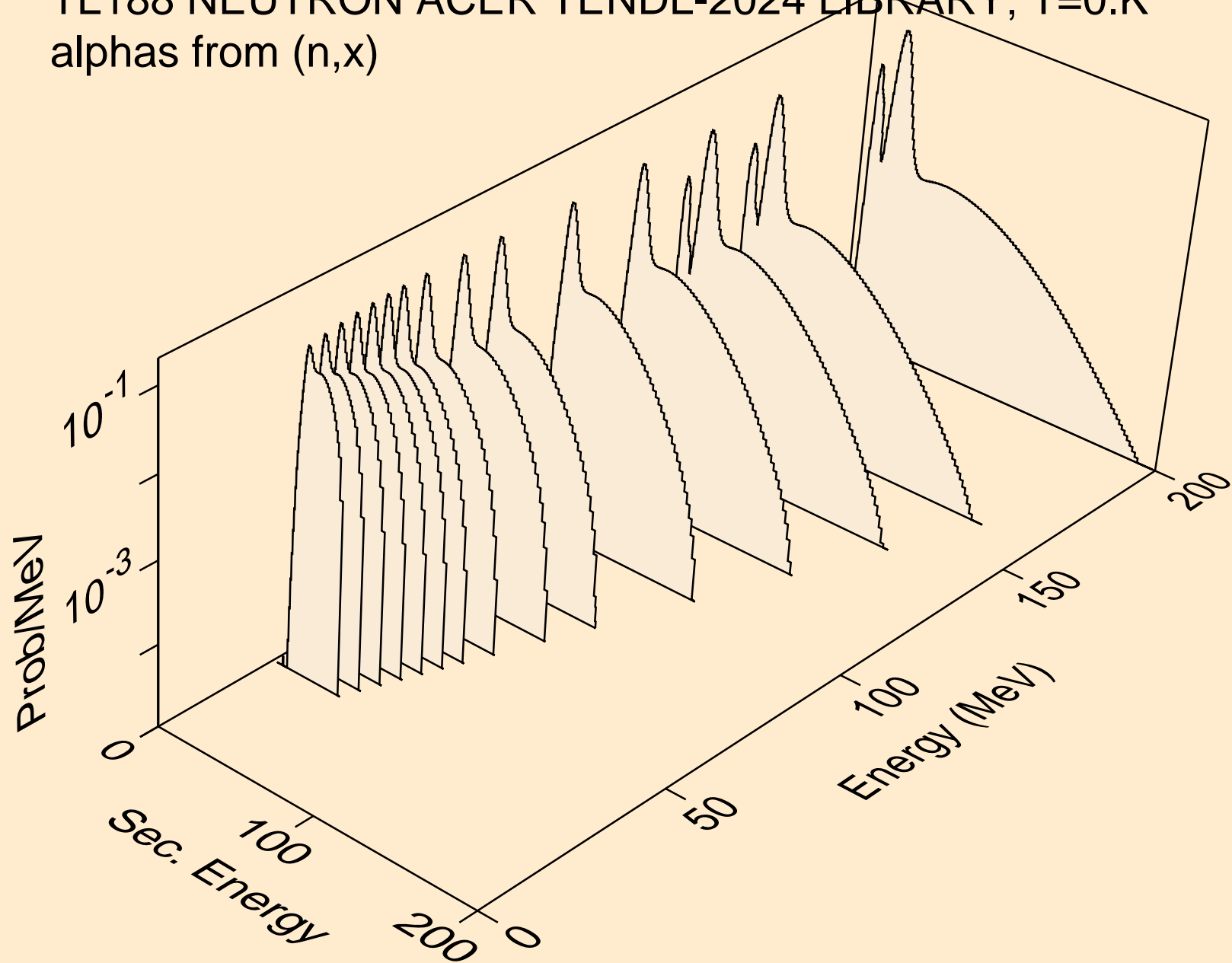
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

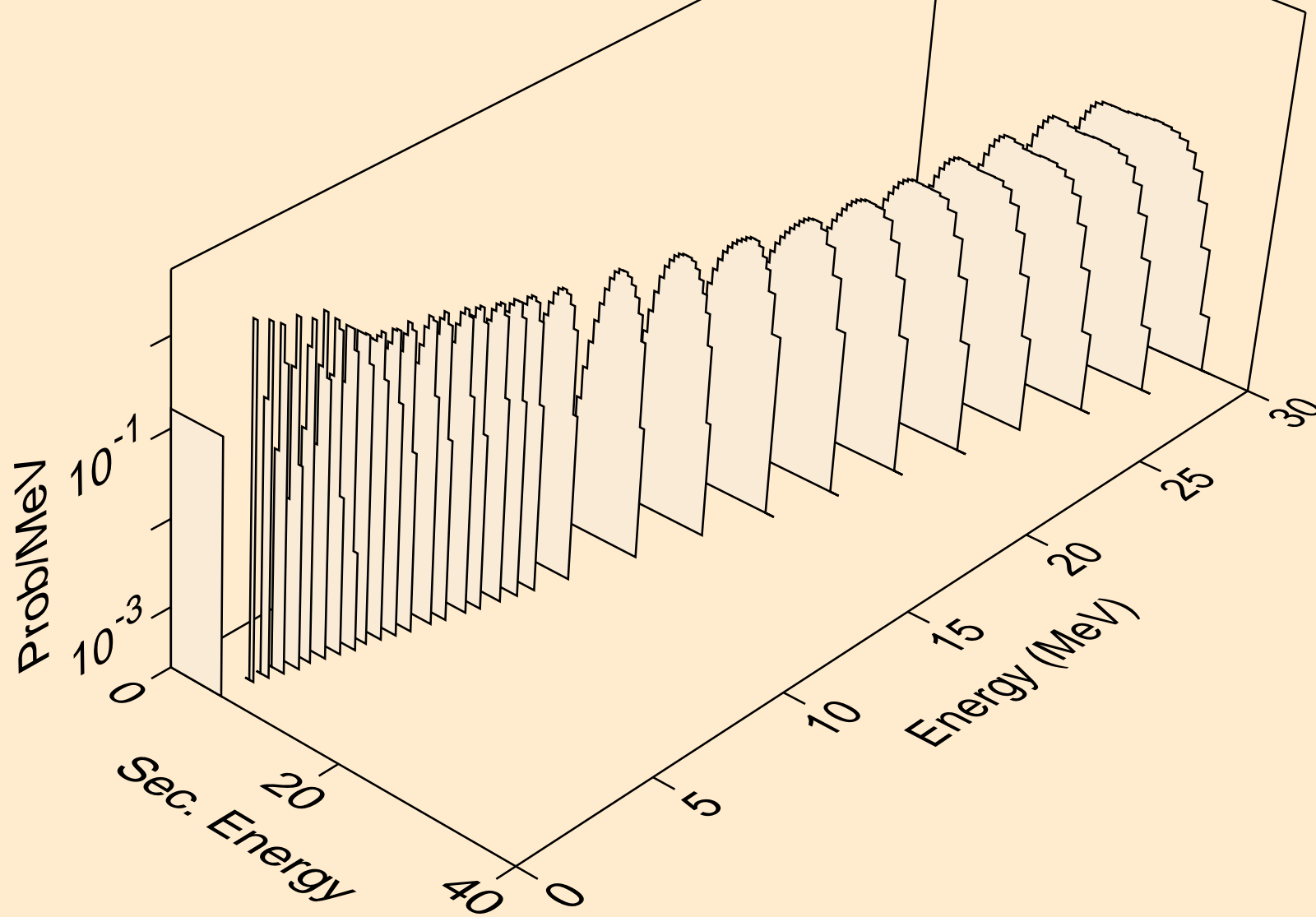


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

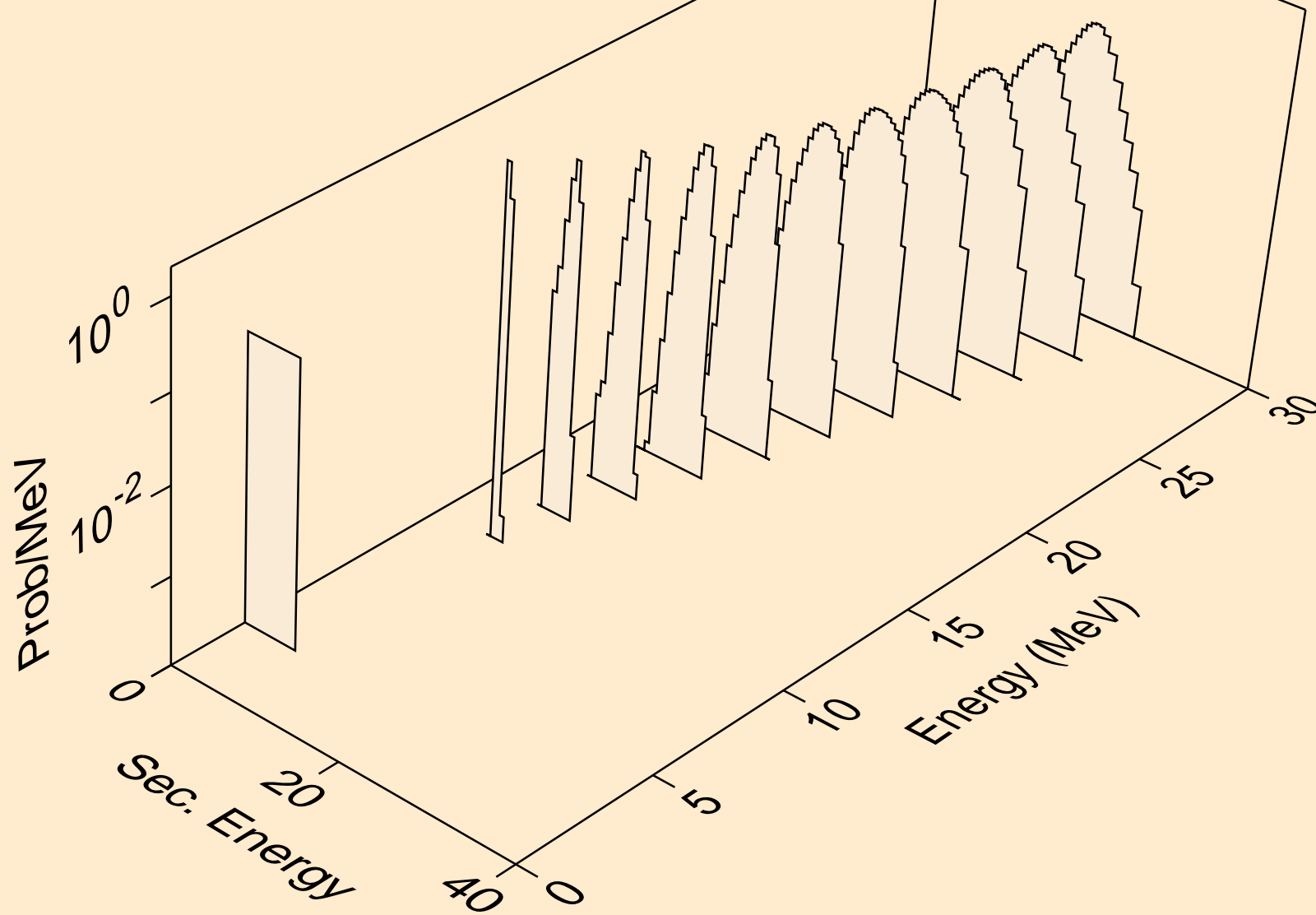




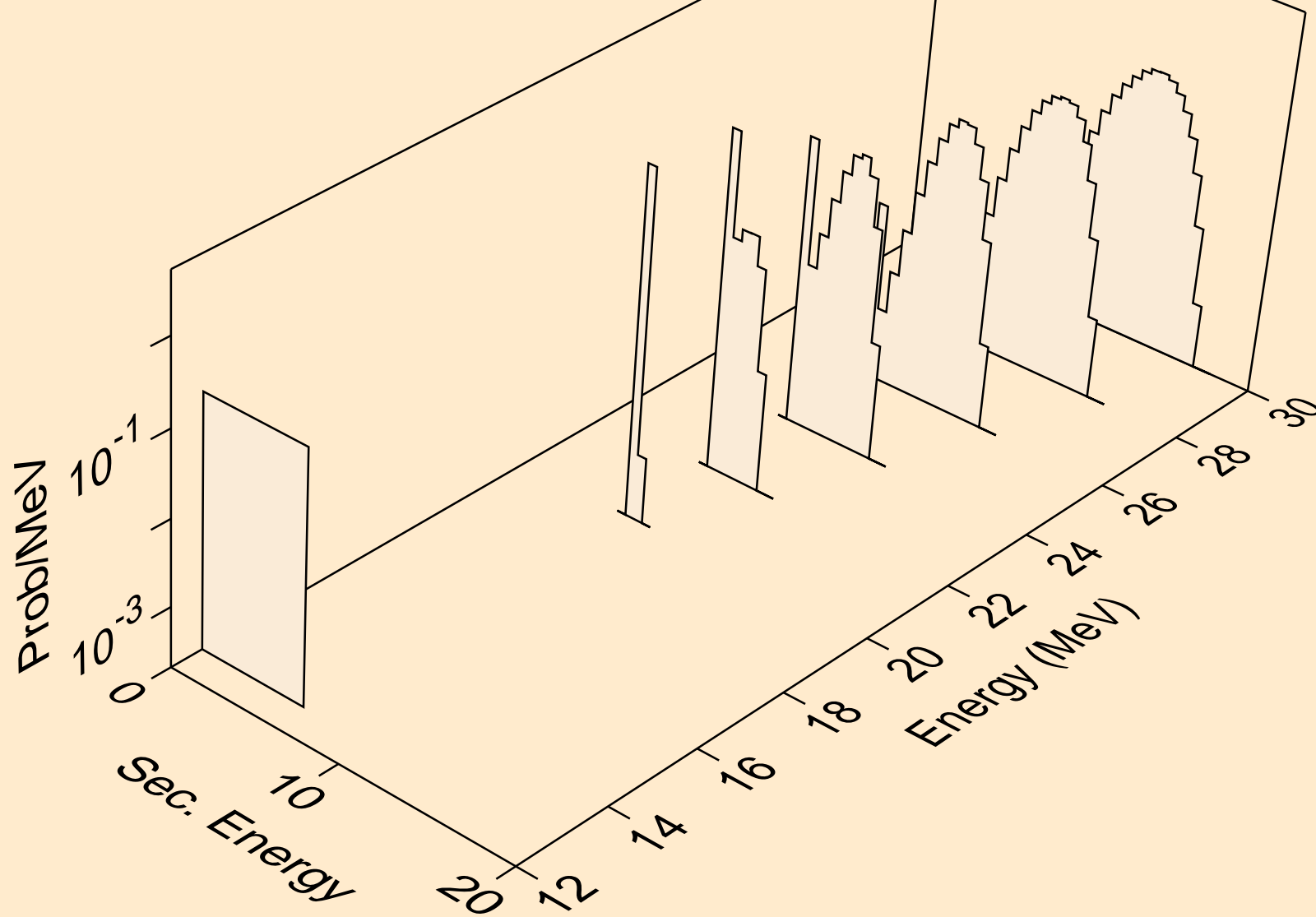
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



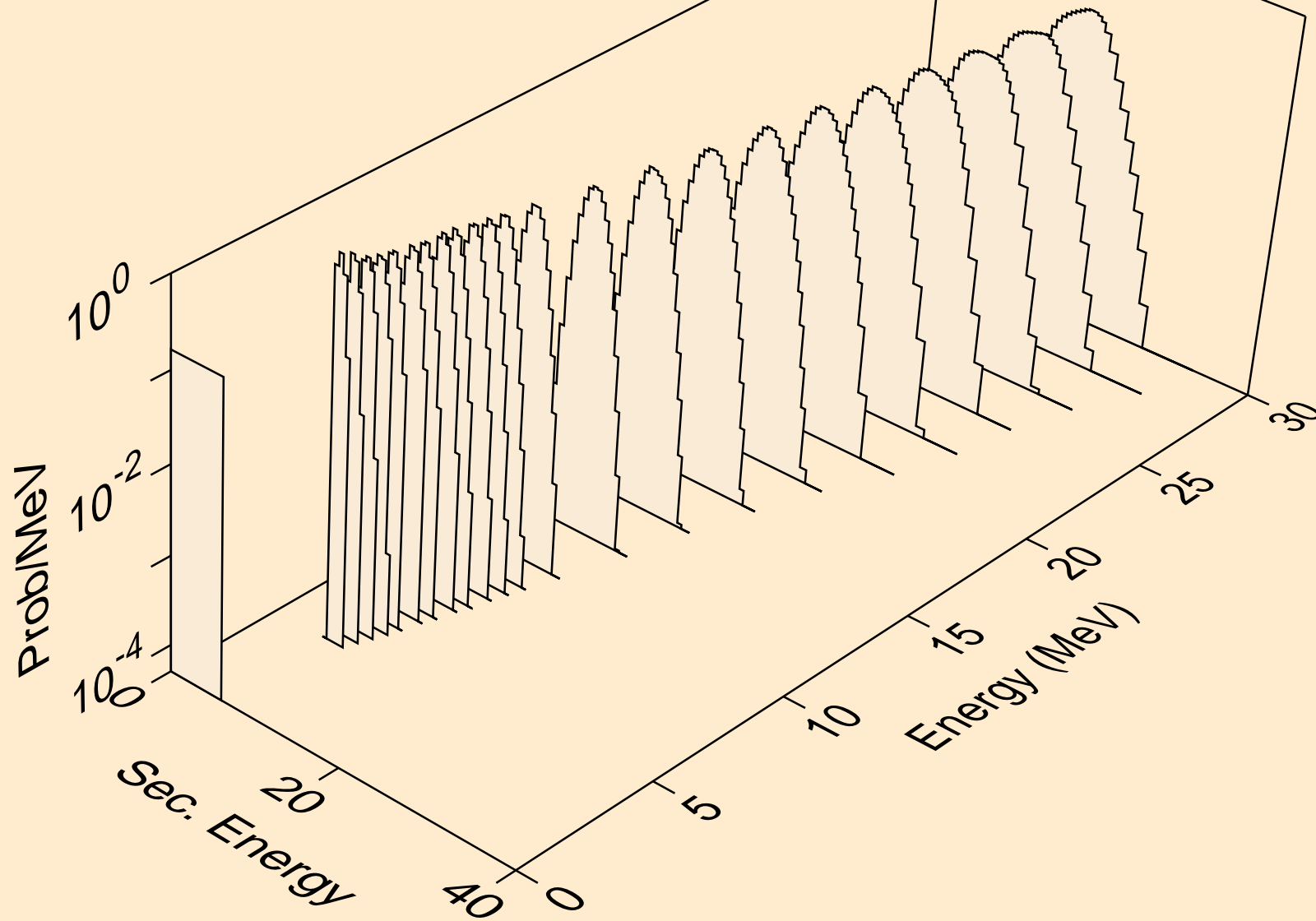
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



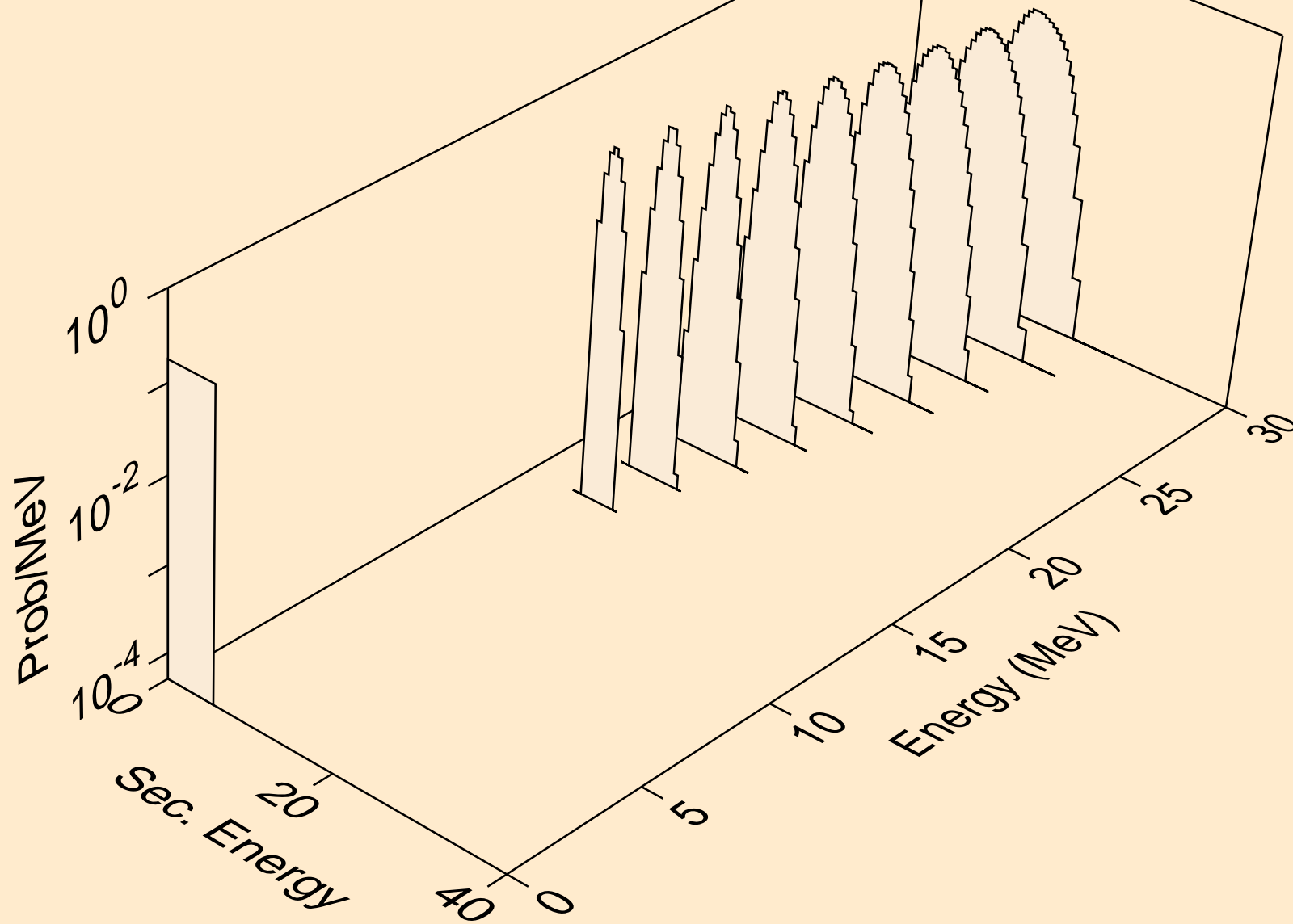
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



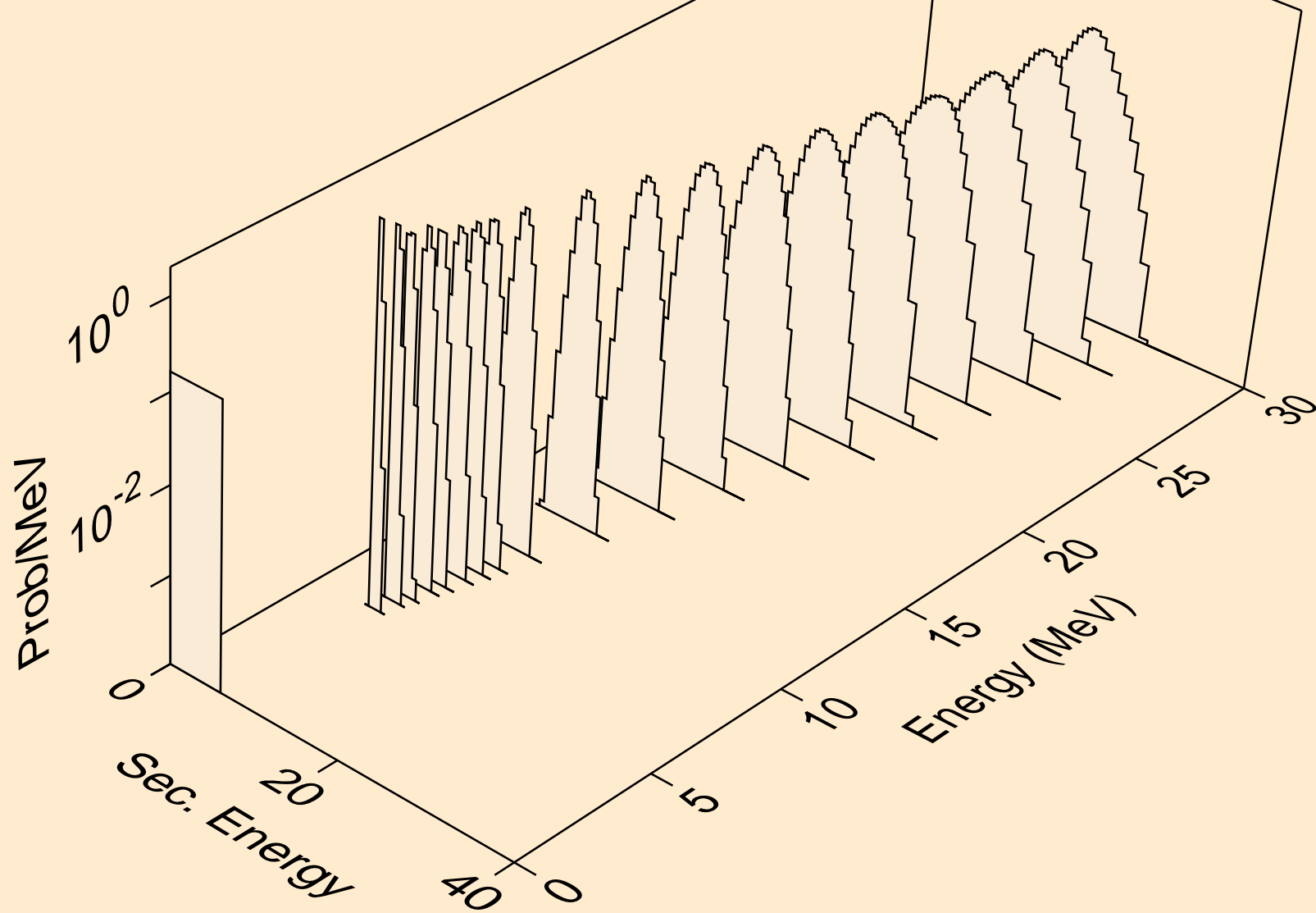
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



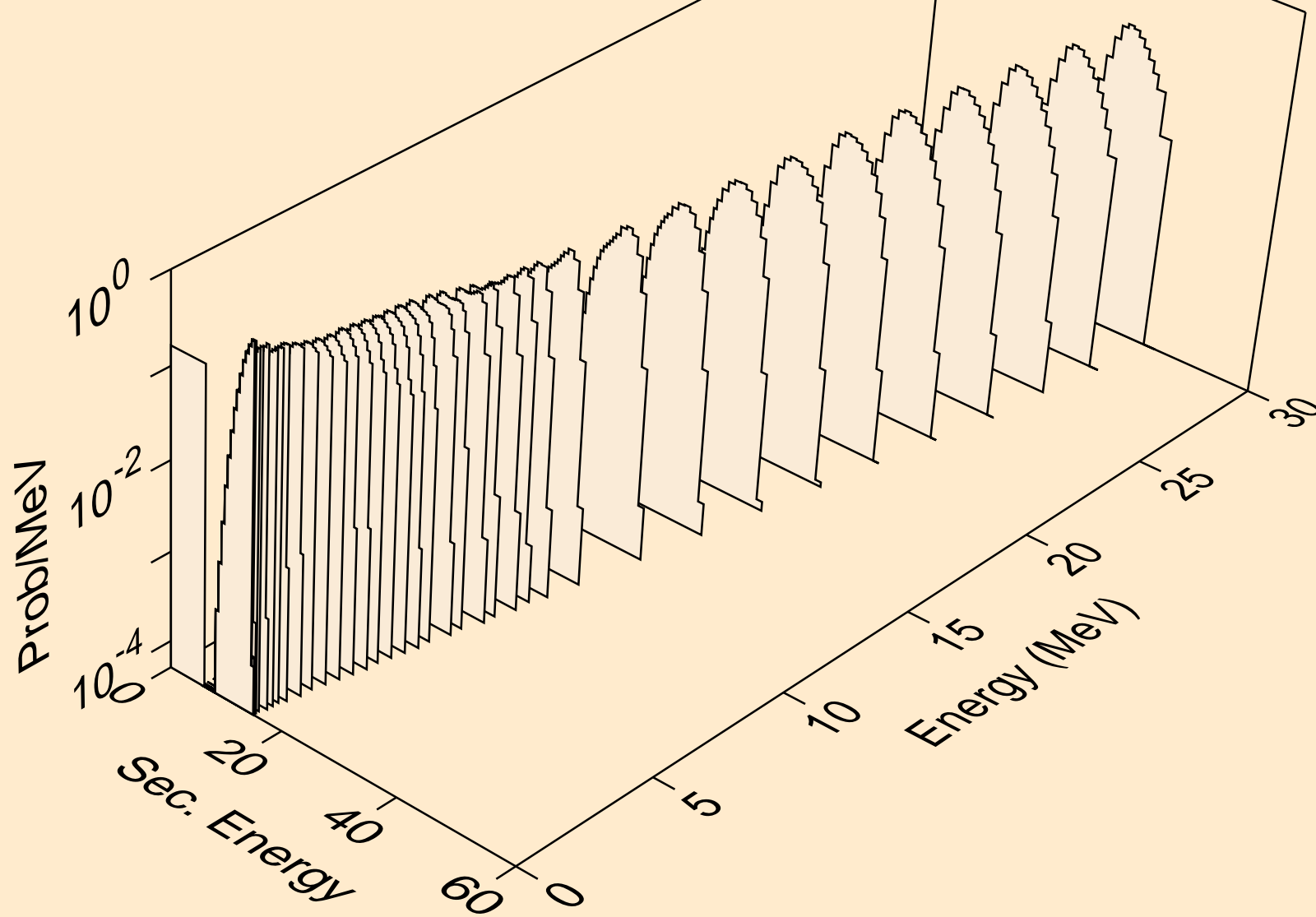
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



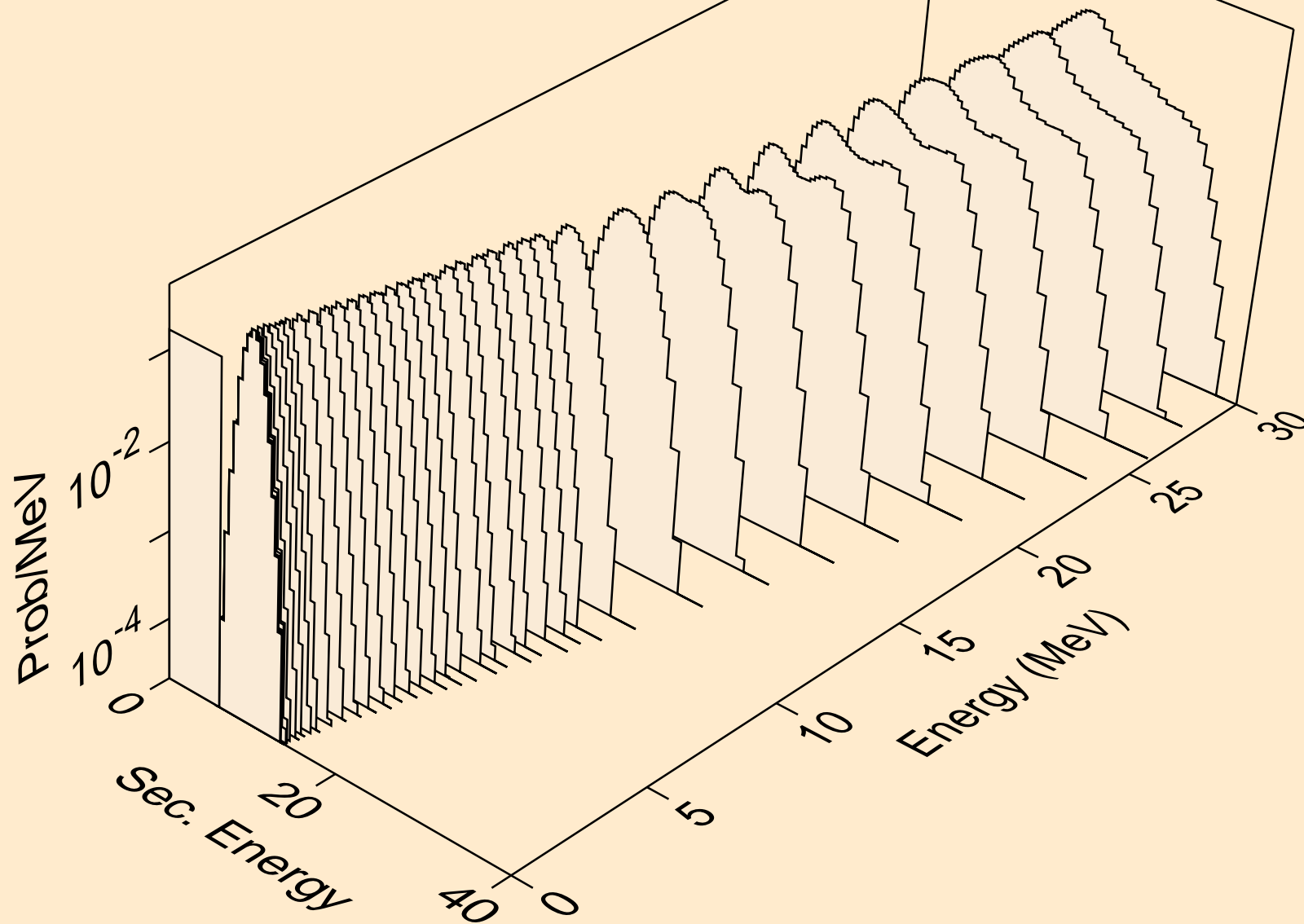
TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

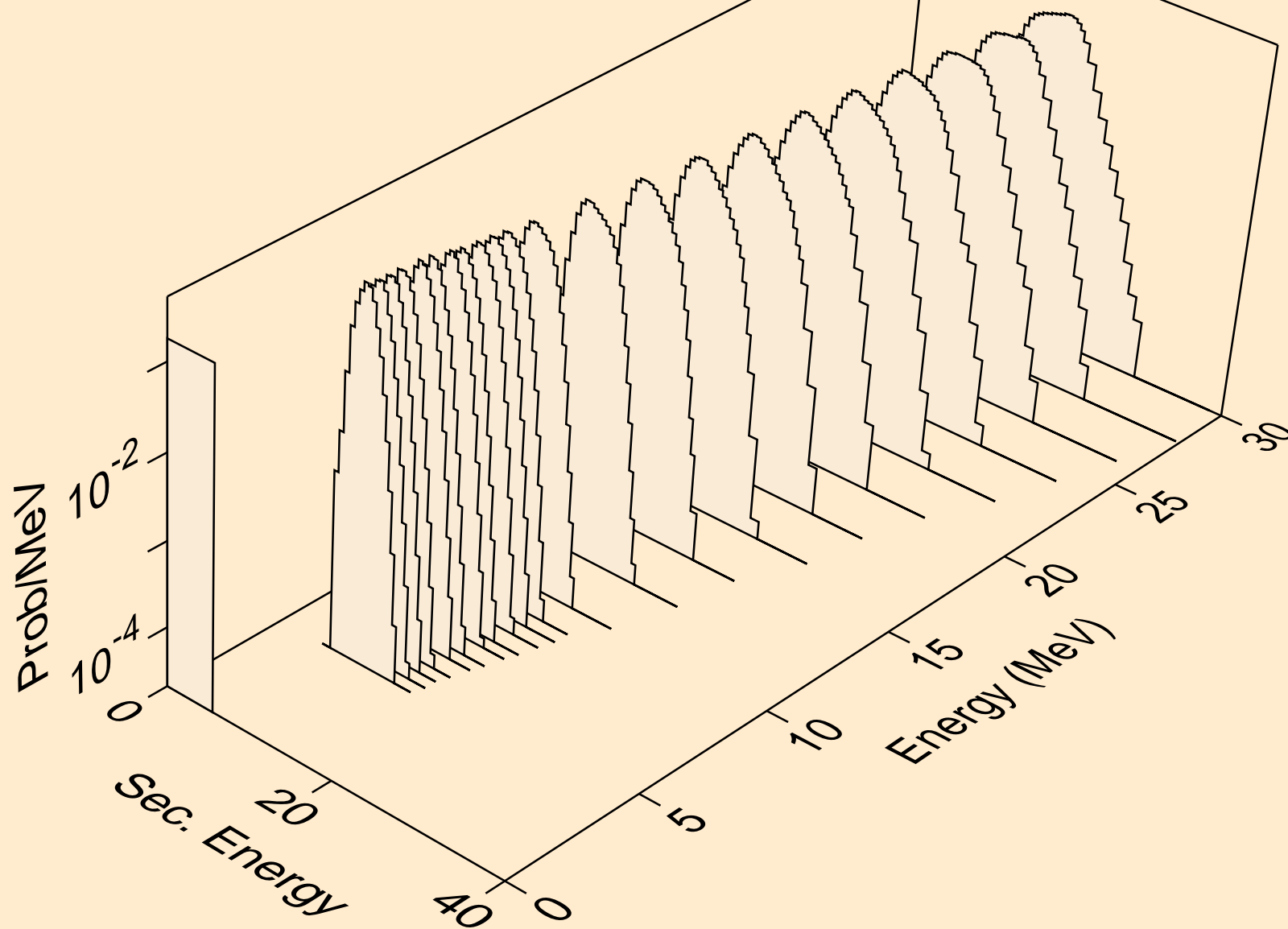


TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)

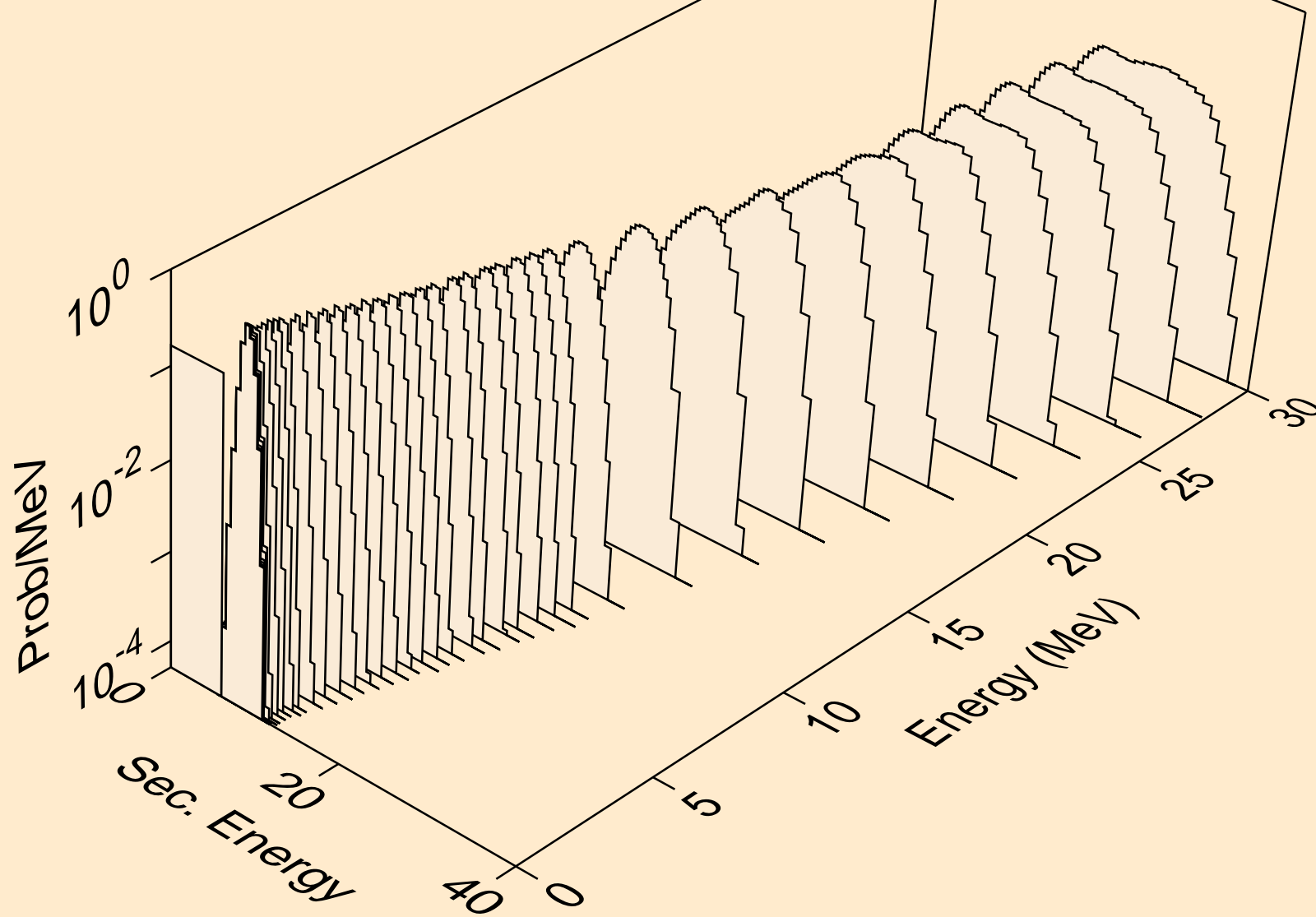




TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



TL188 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

