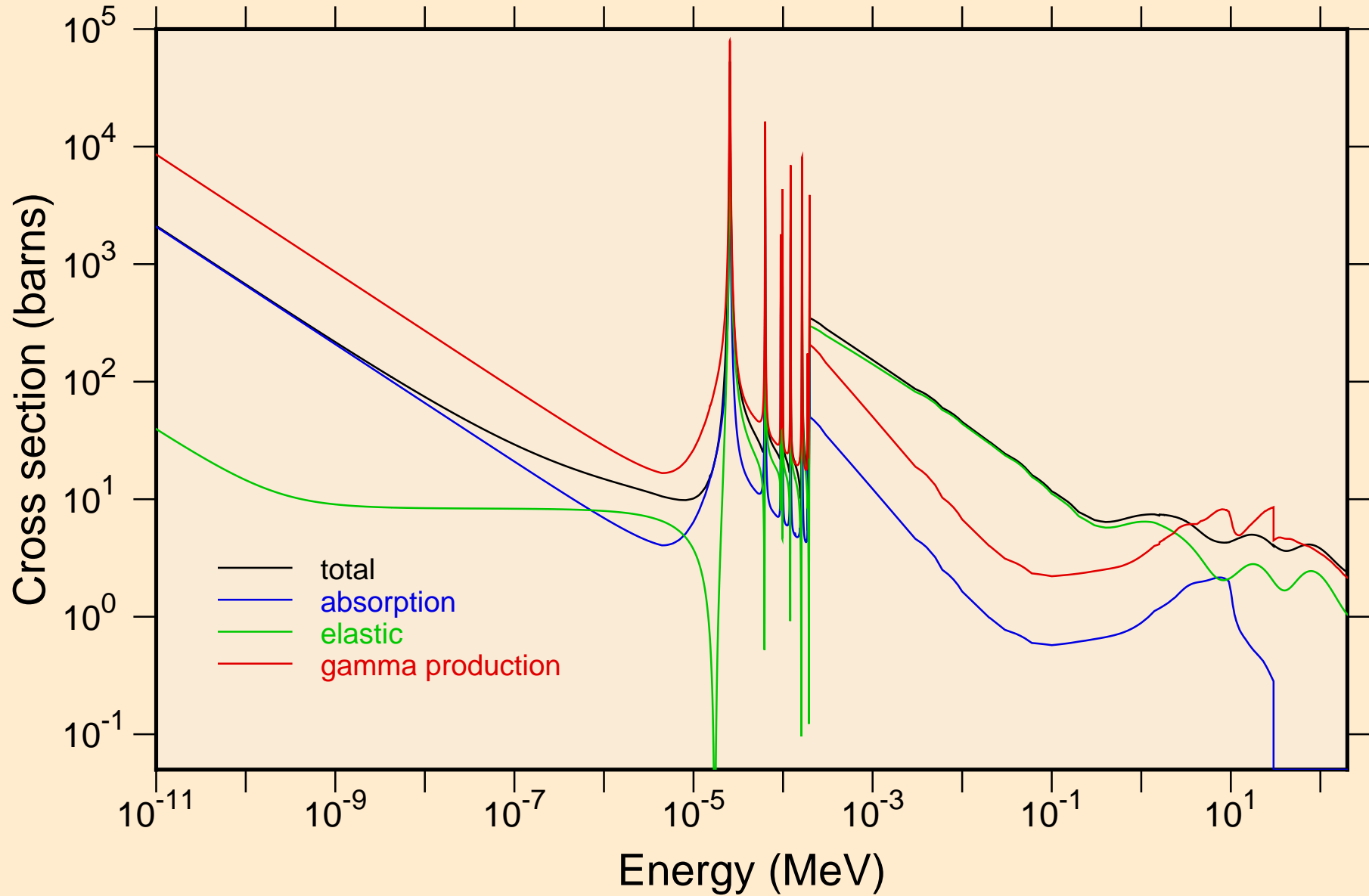
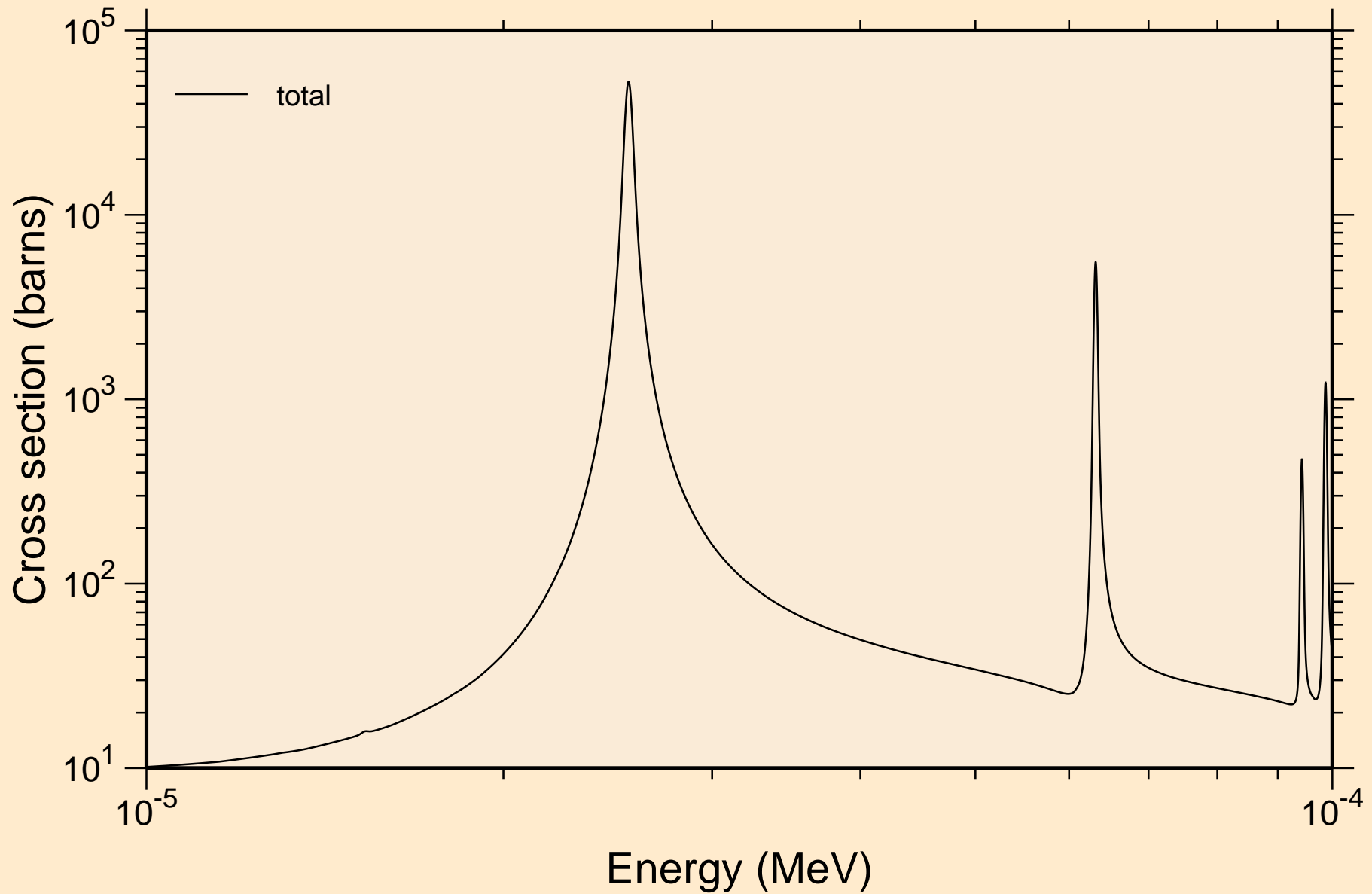


# ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

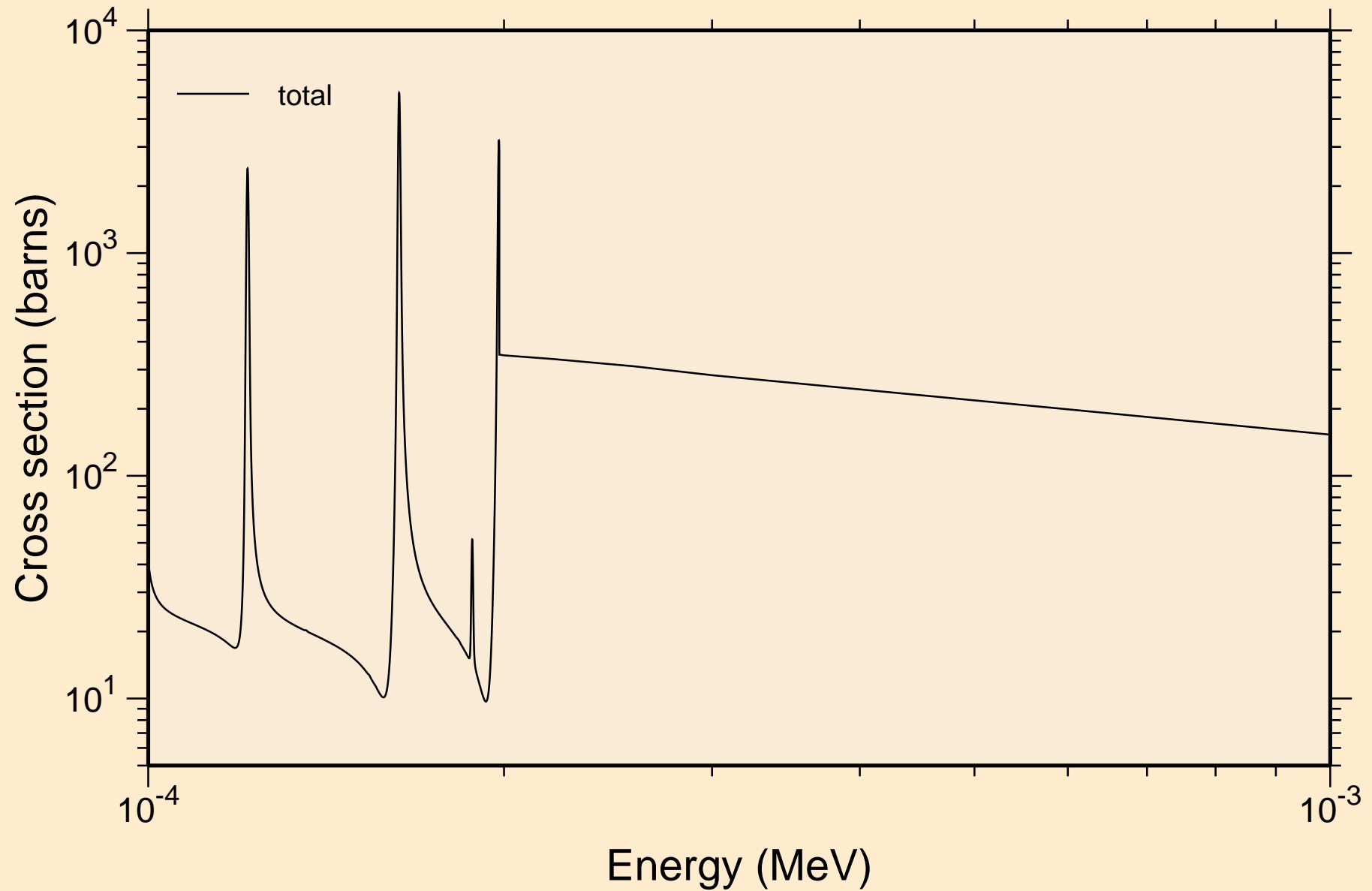
## Principal cross sections



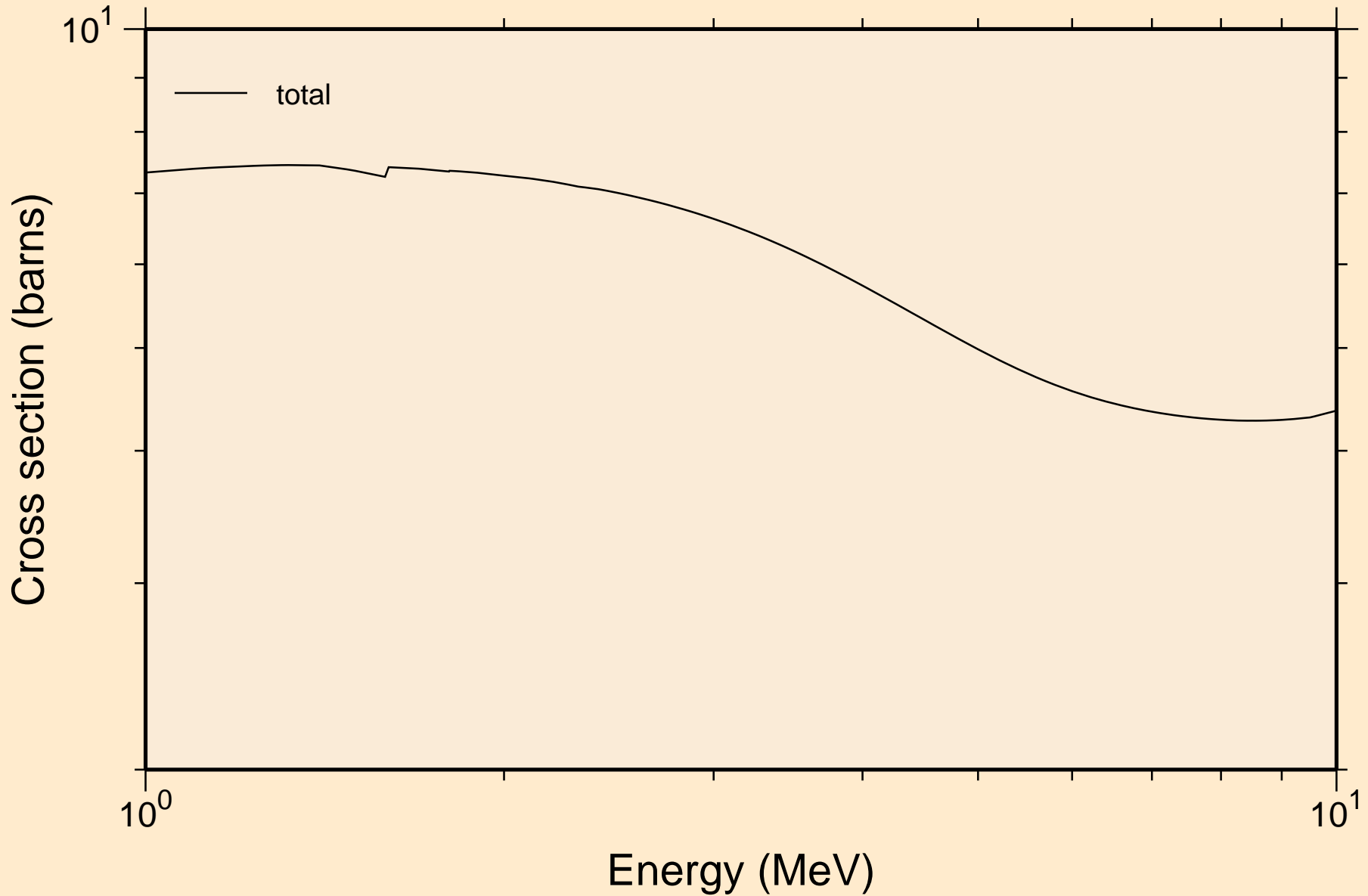
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



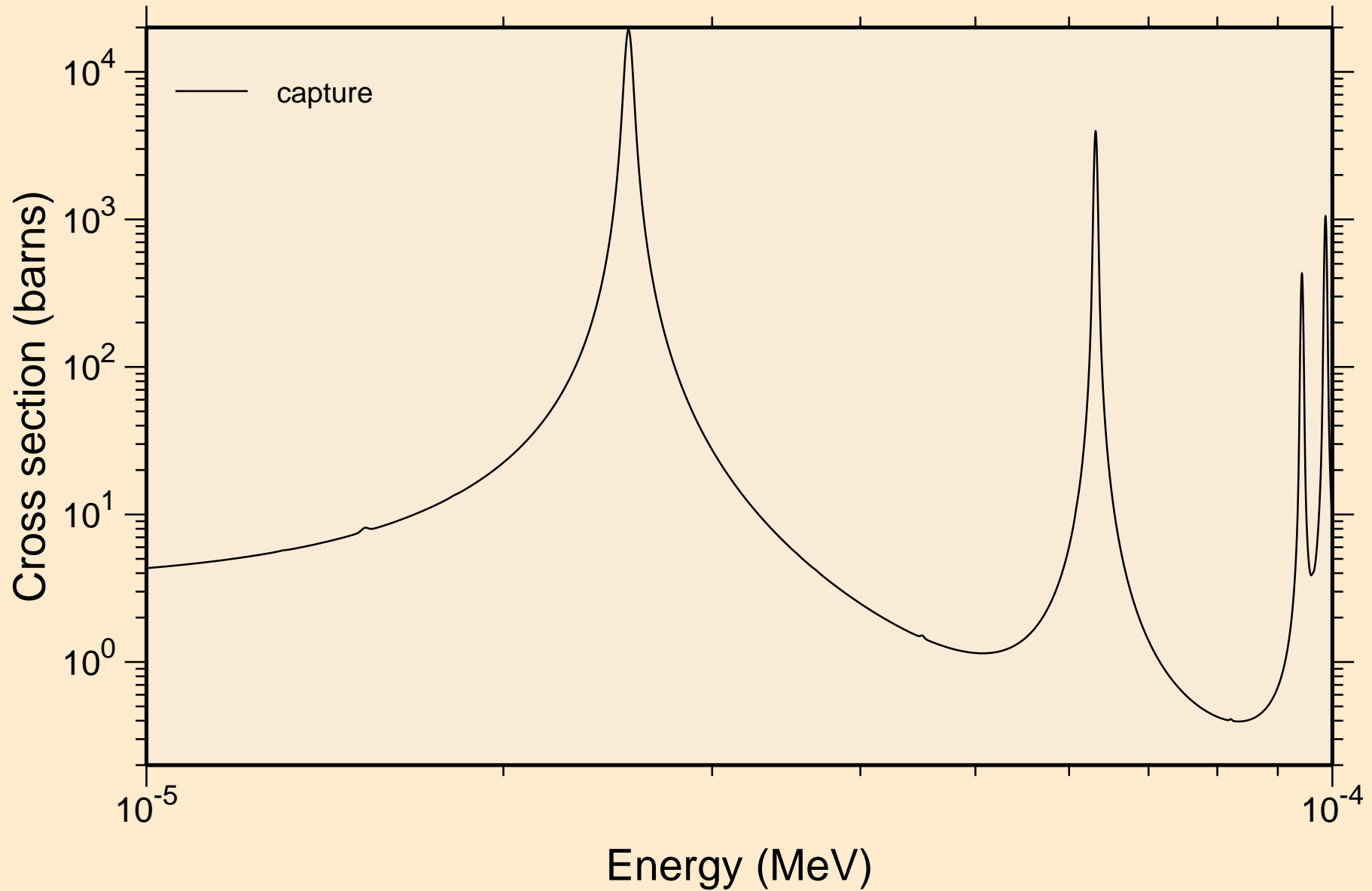
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



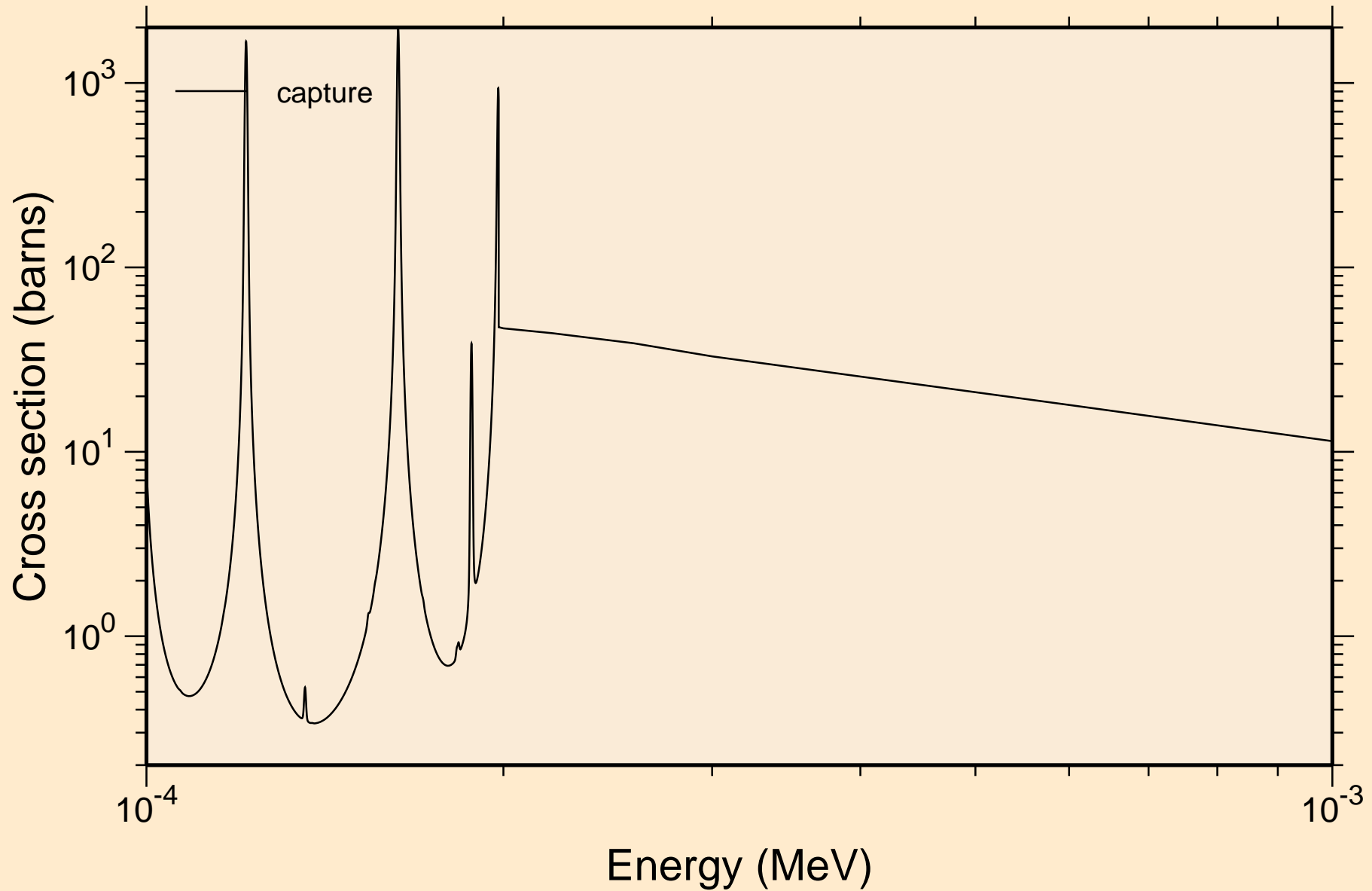
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



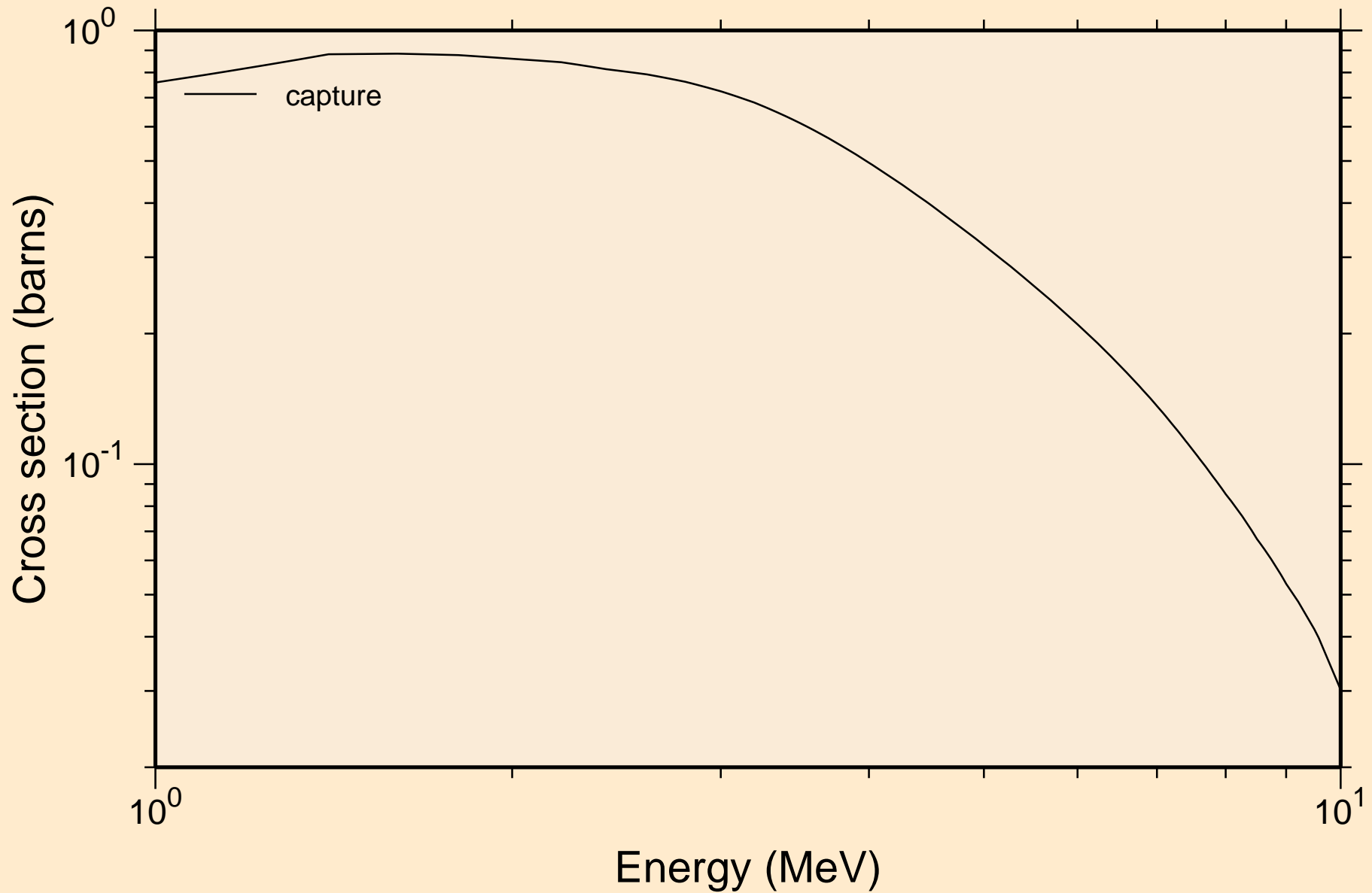
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

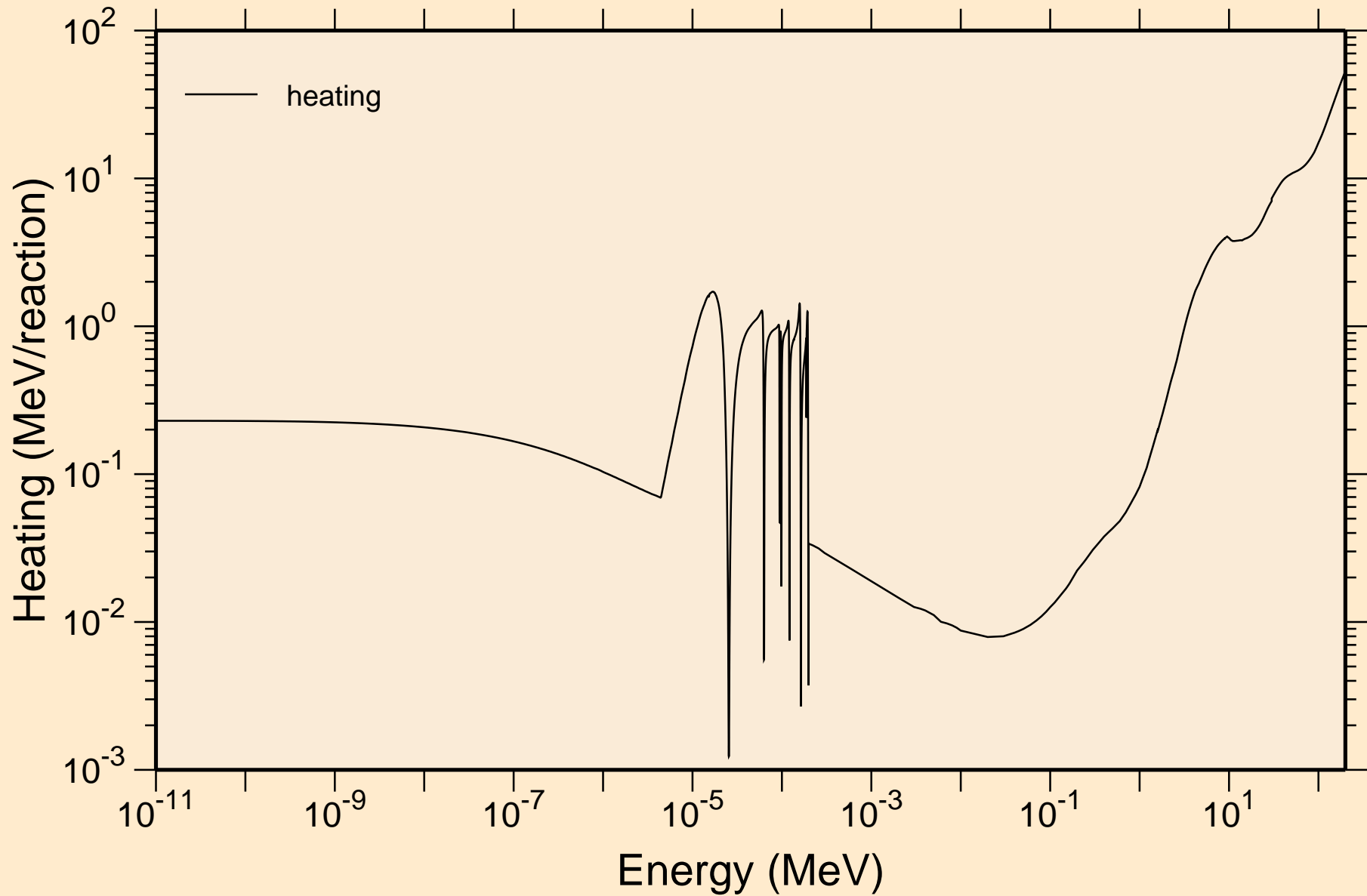


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



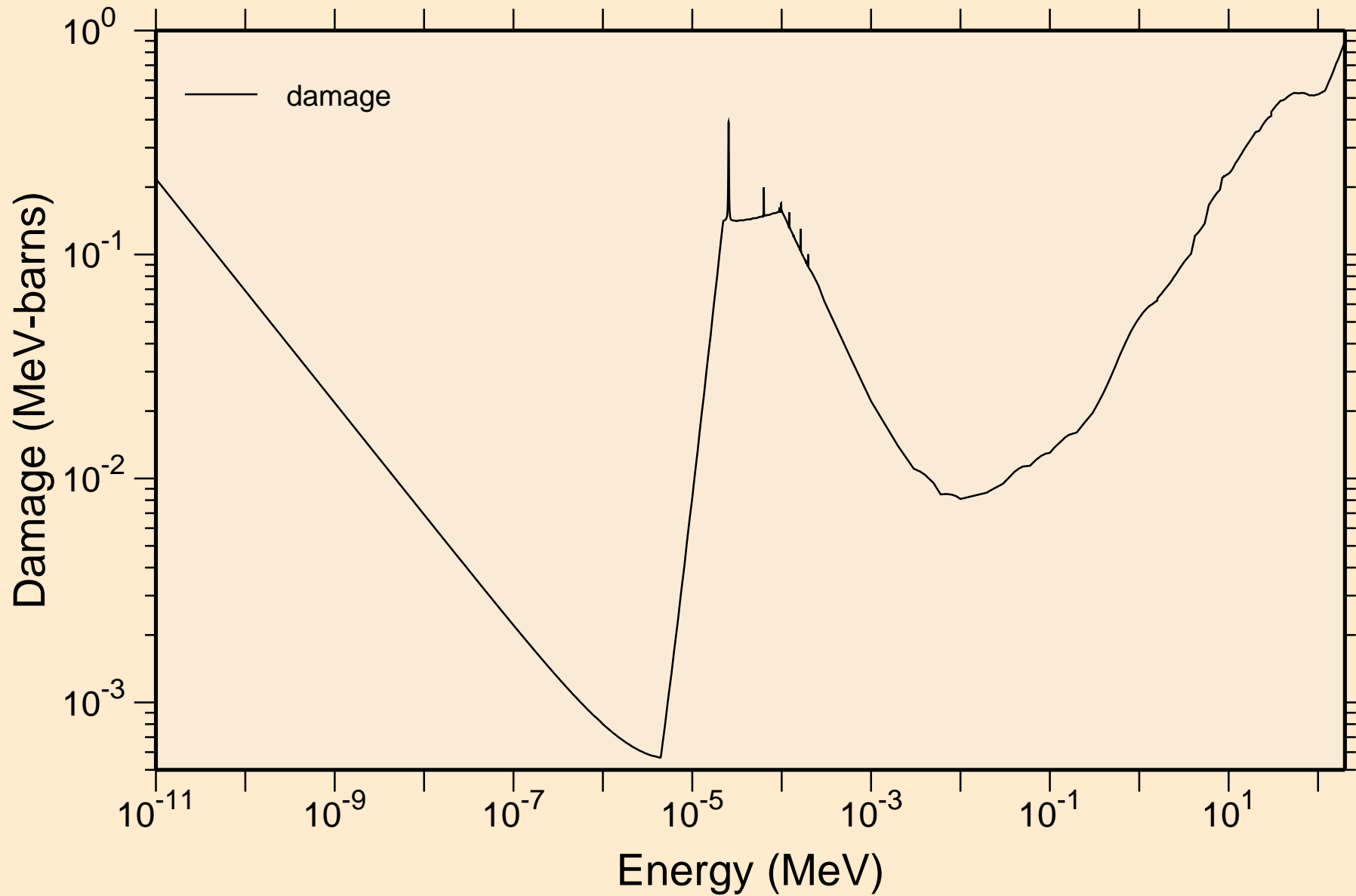
# ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Heating



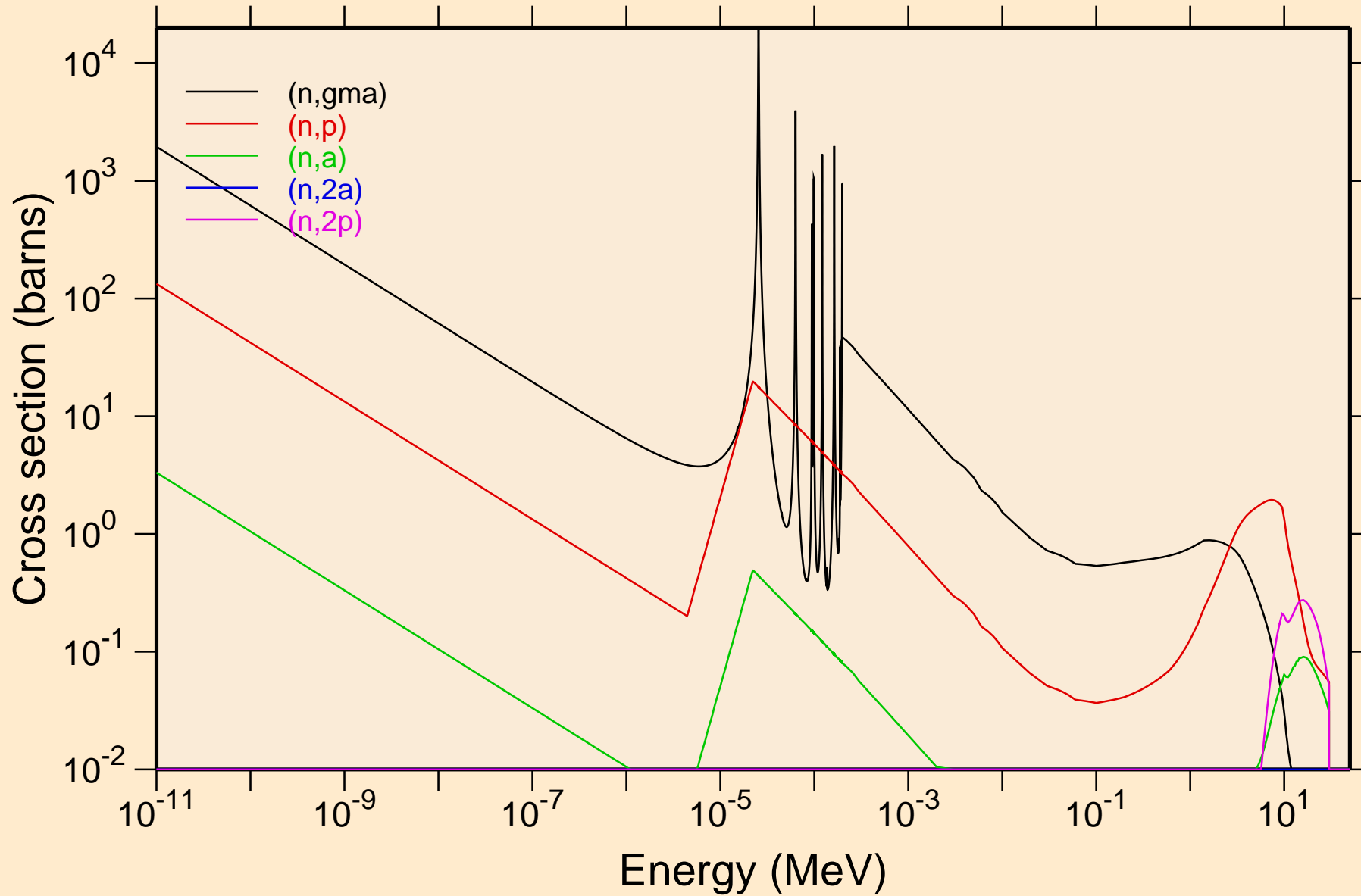


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

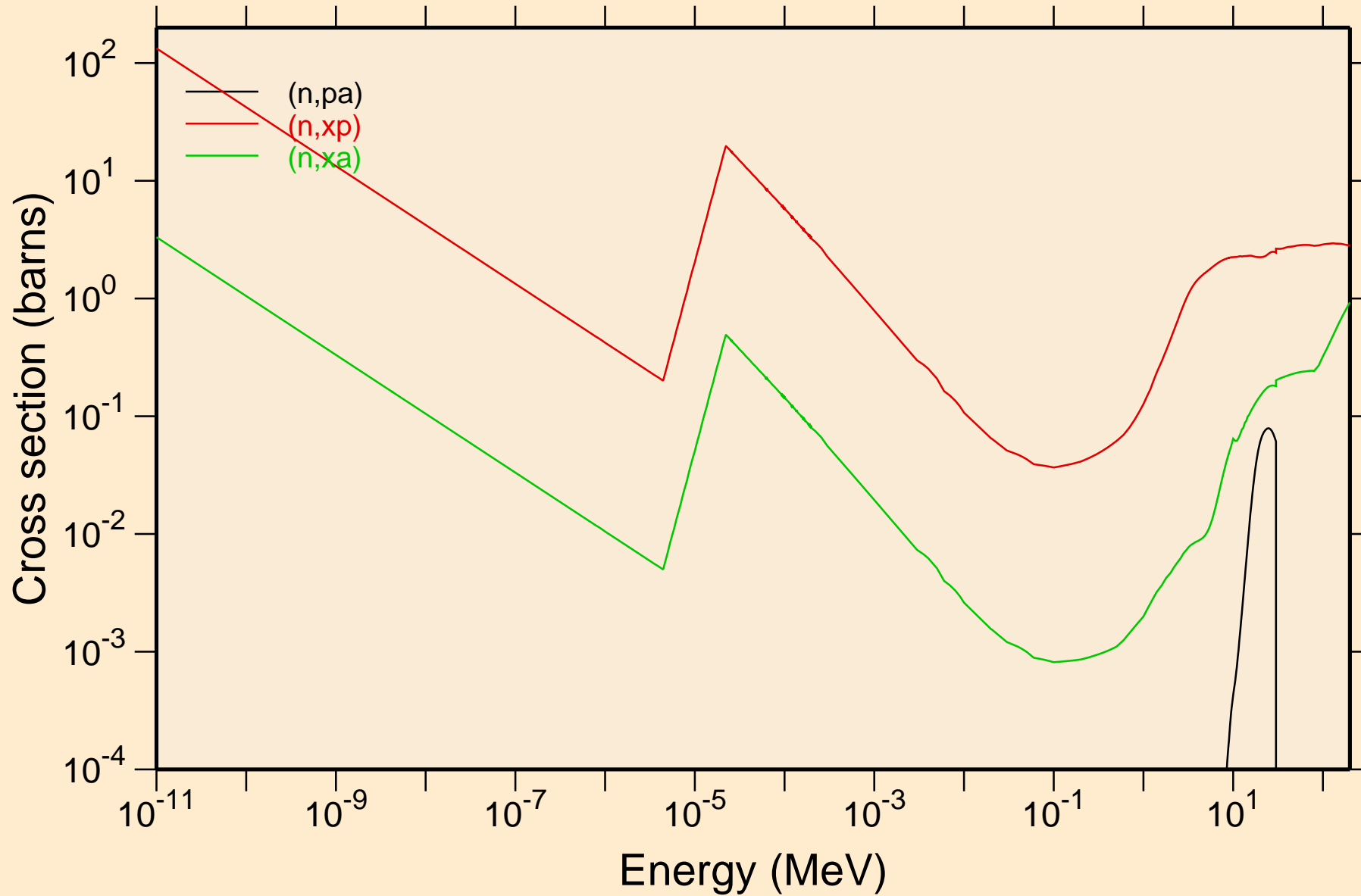


# ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

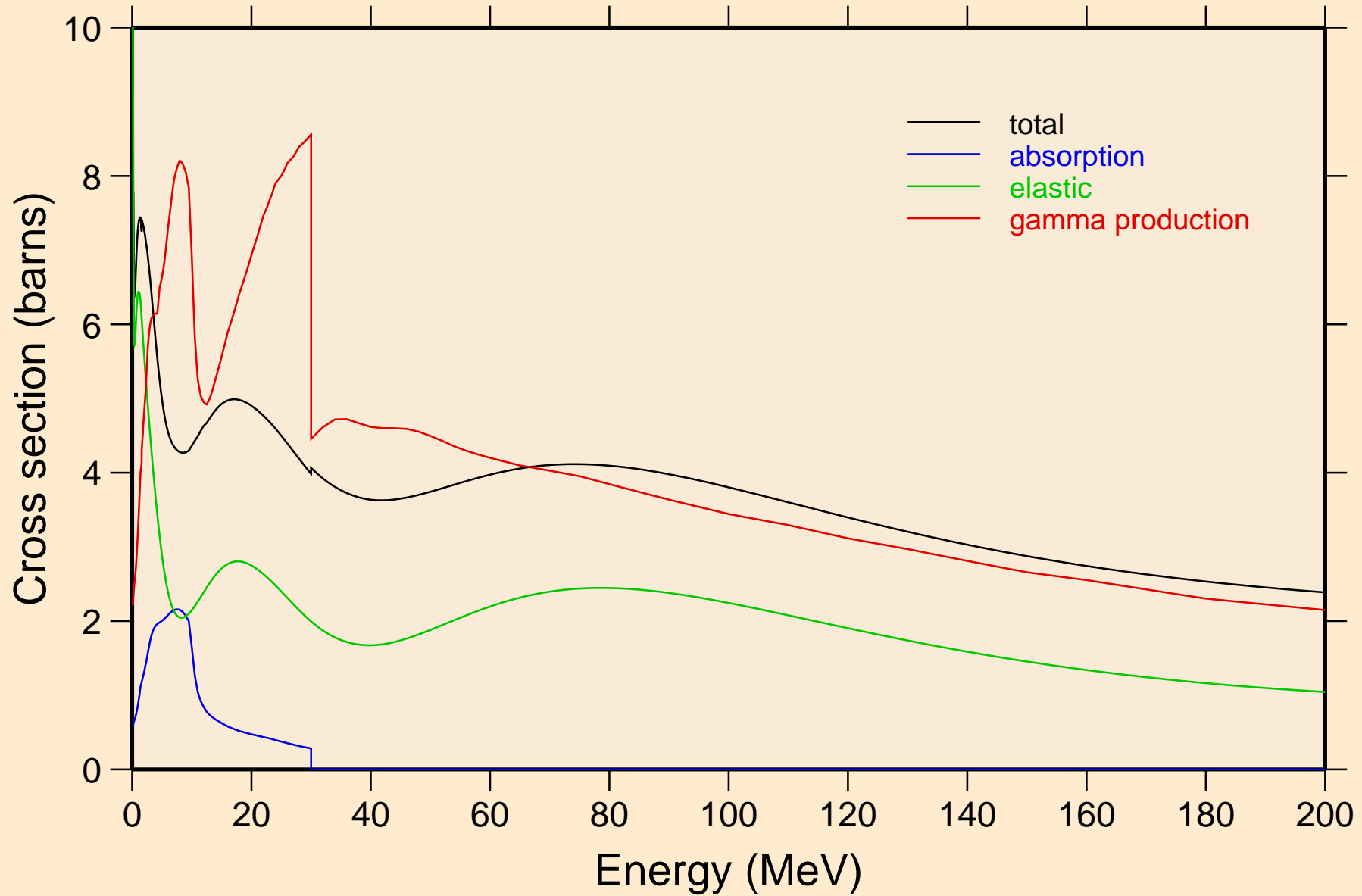
## Non-threshold reactions



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

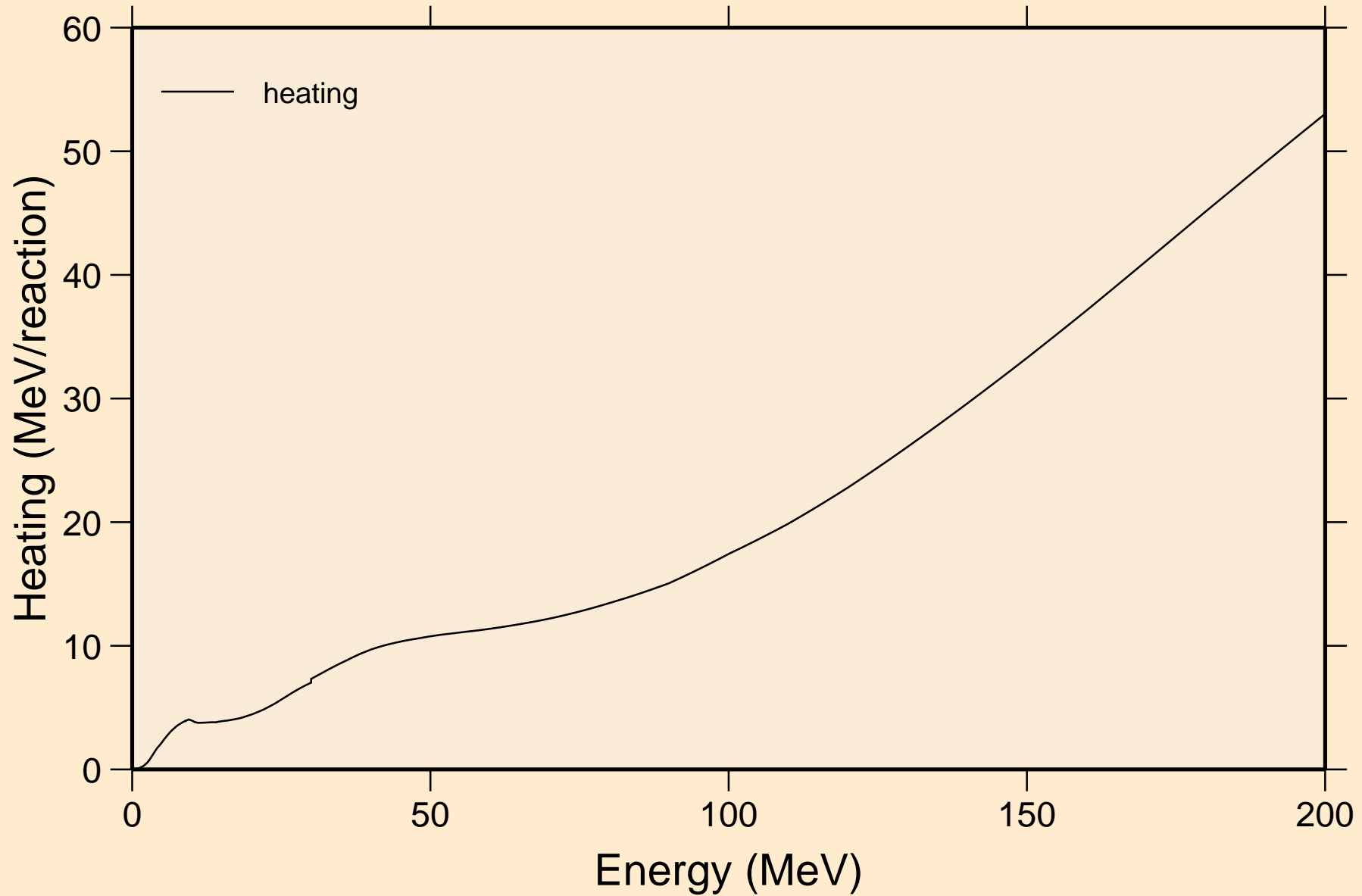


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections

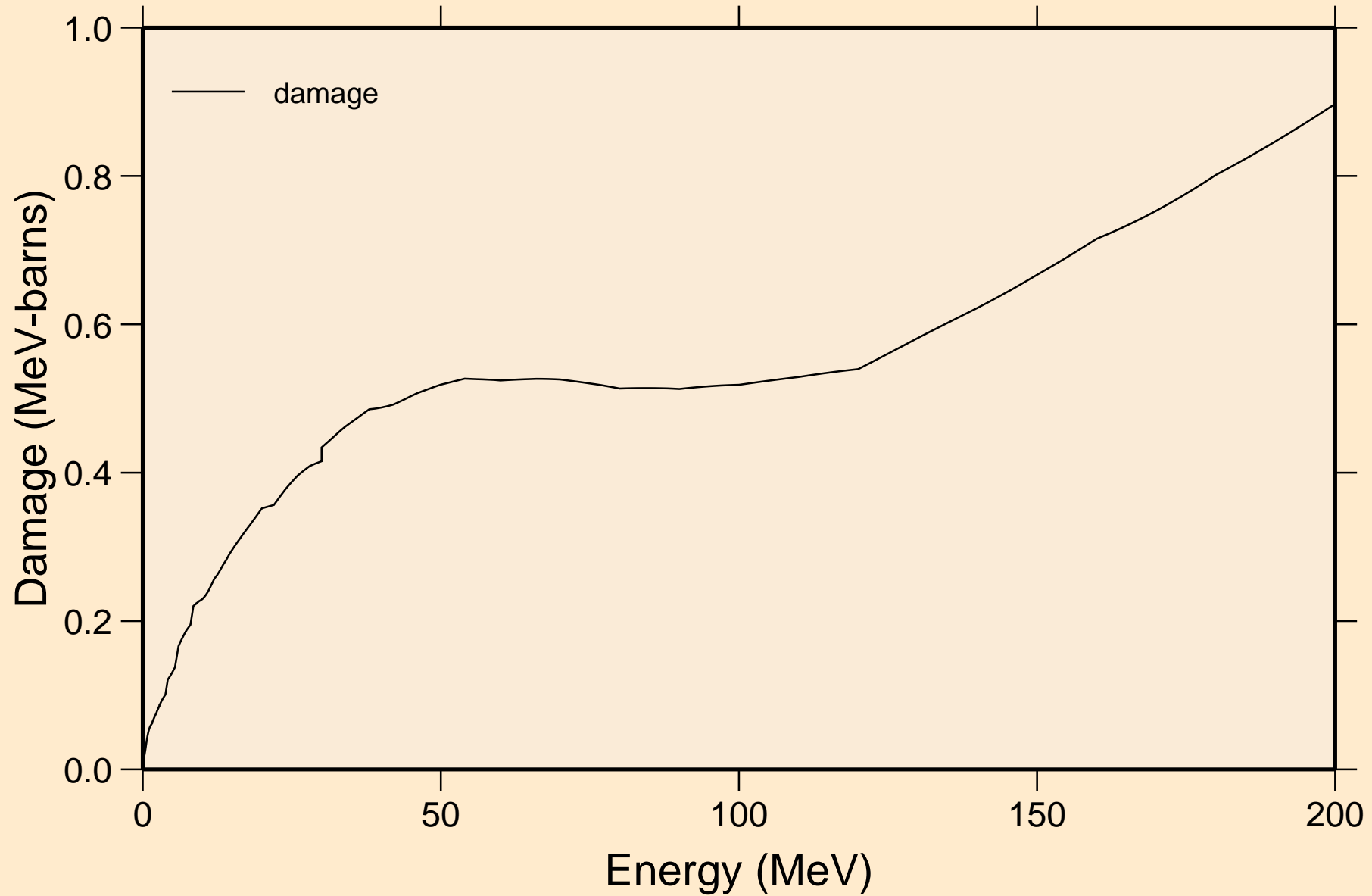


# ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

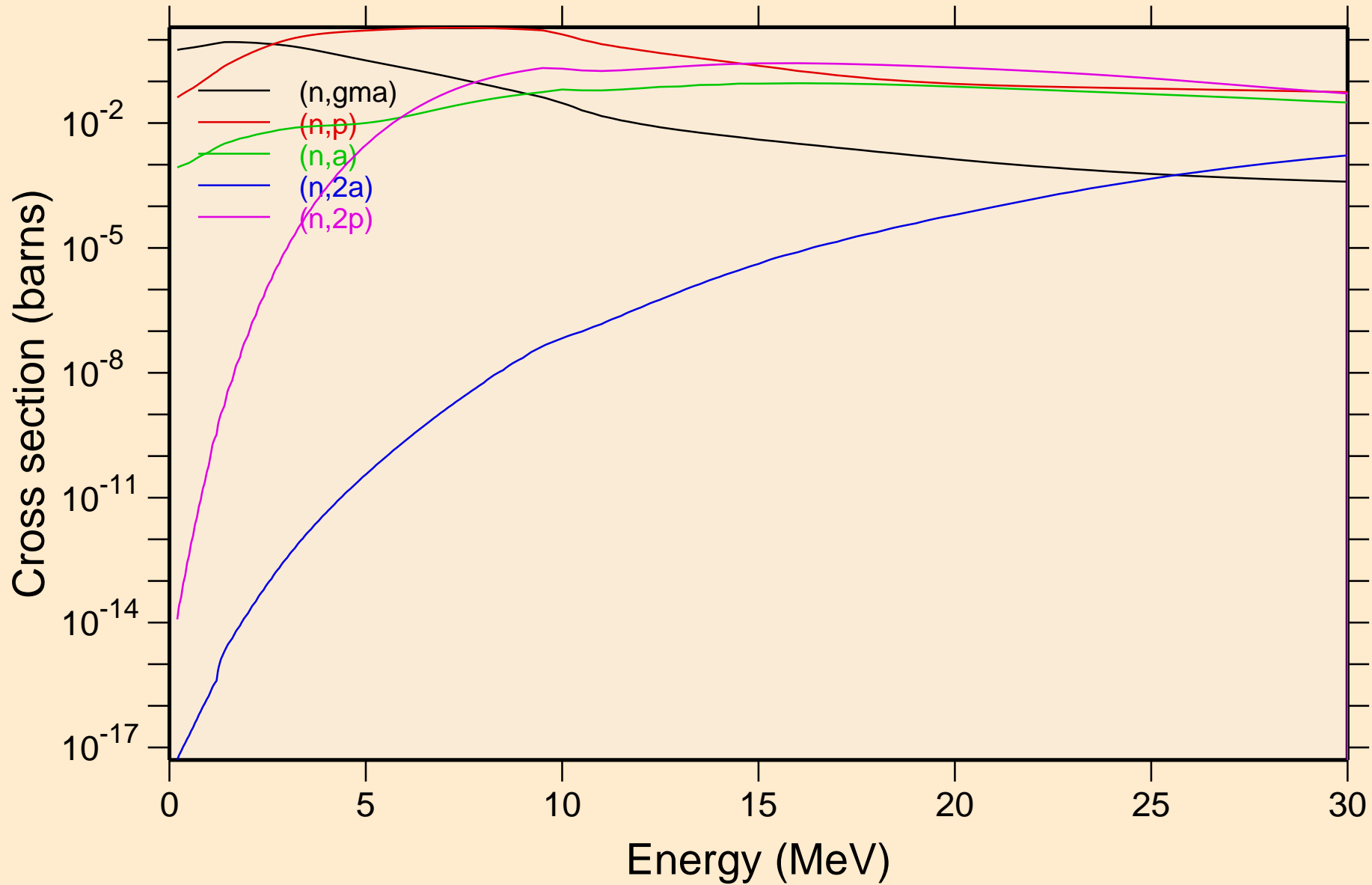
## Heating



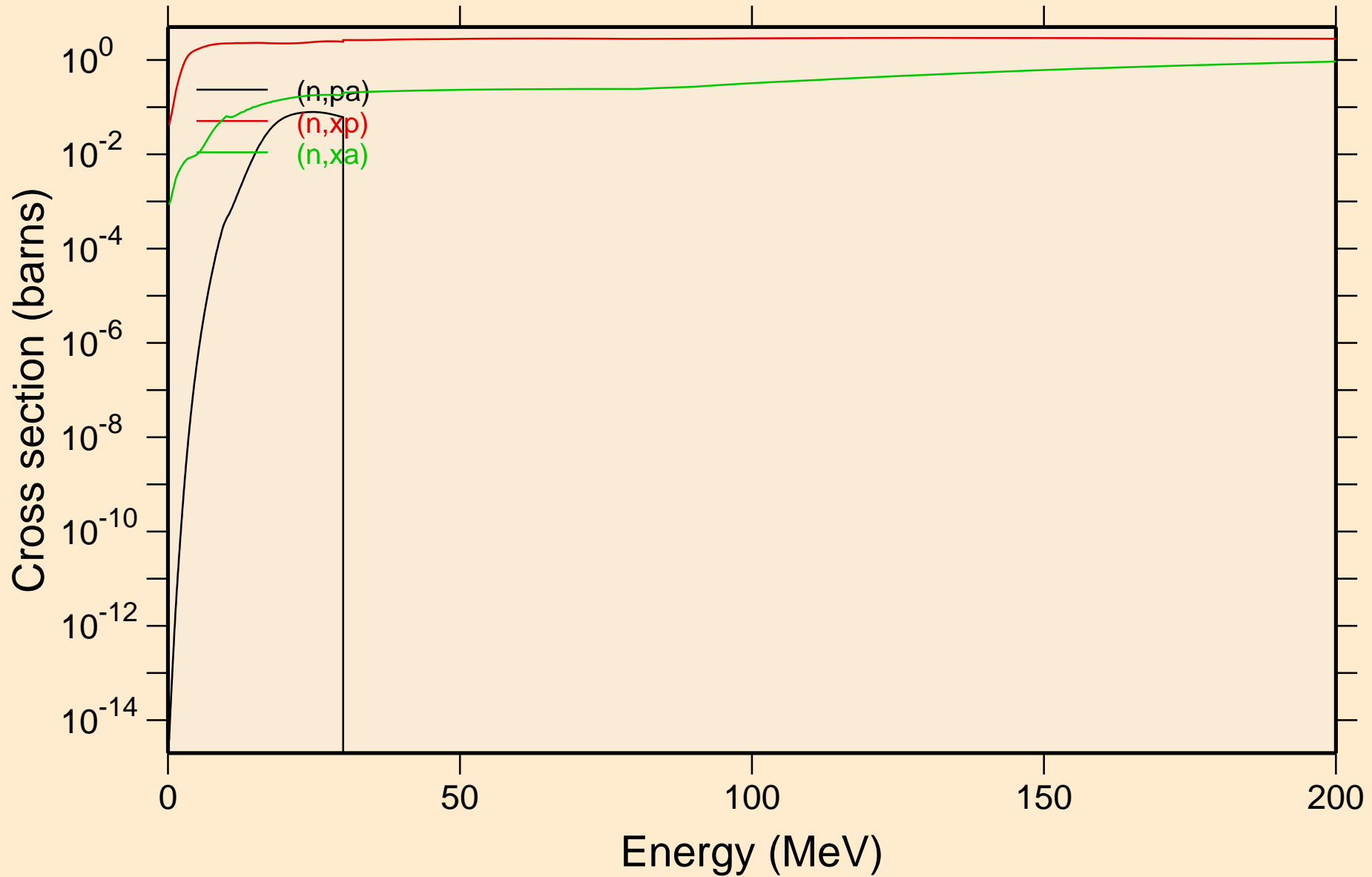
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

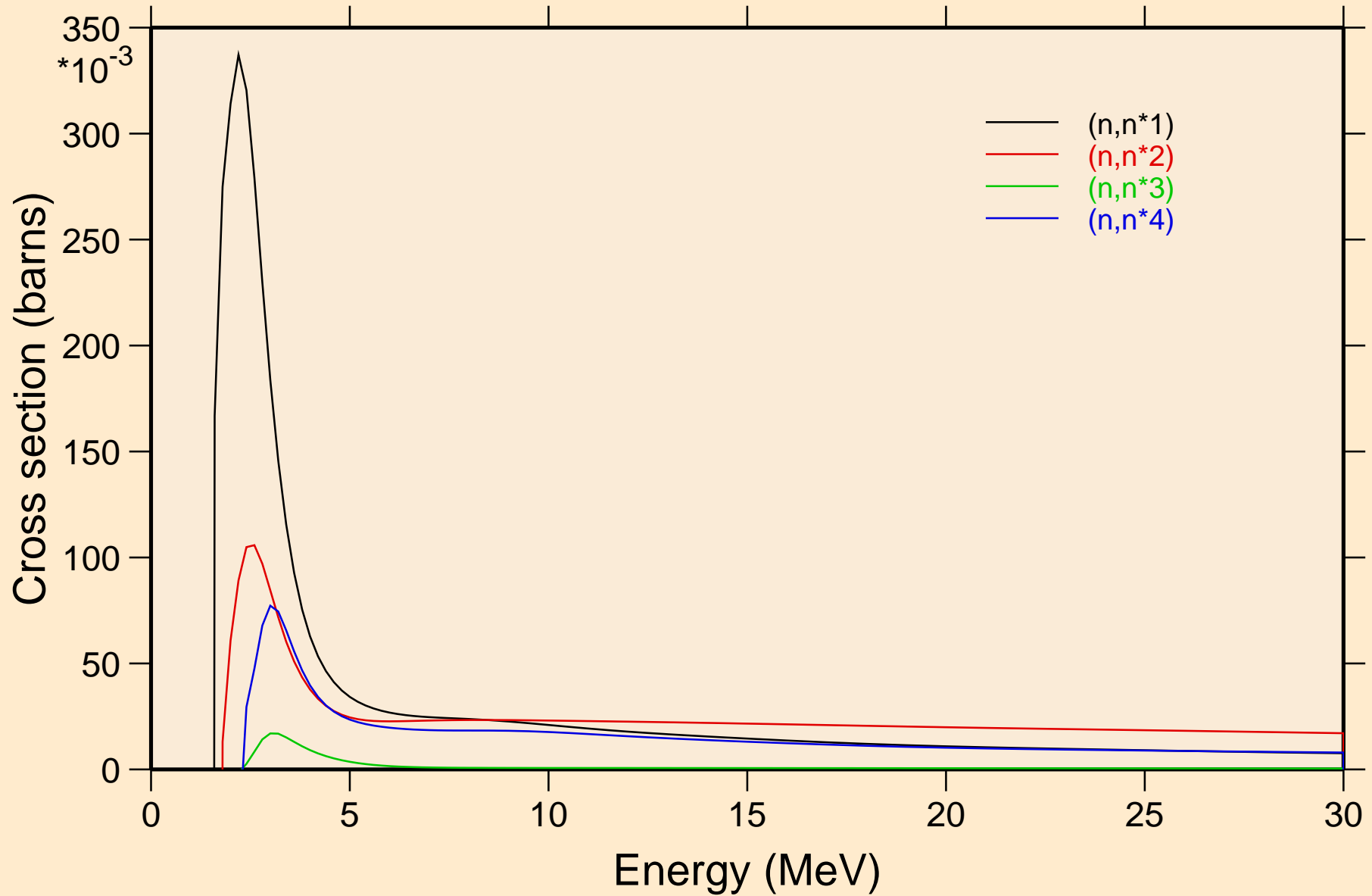


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

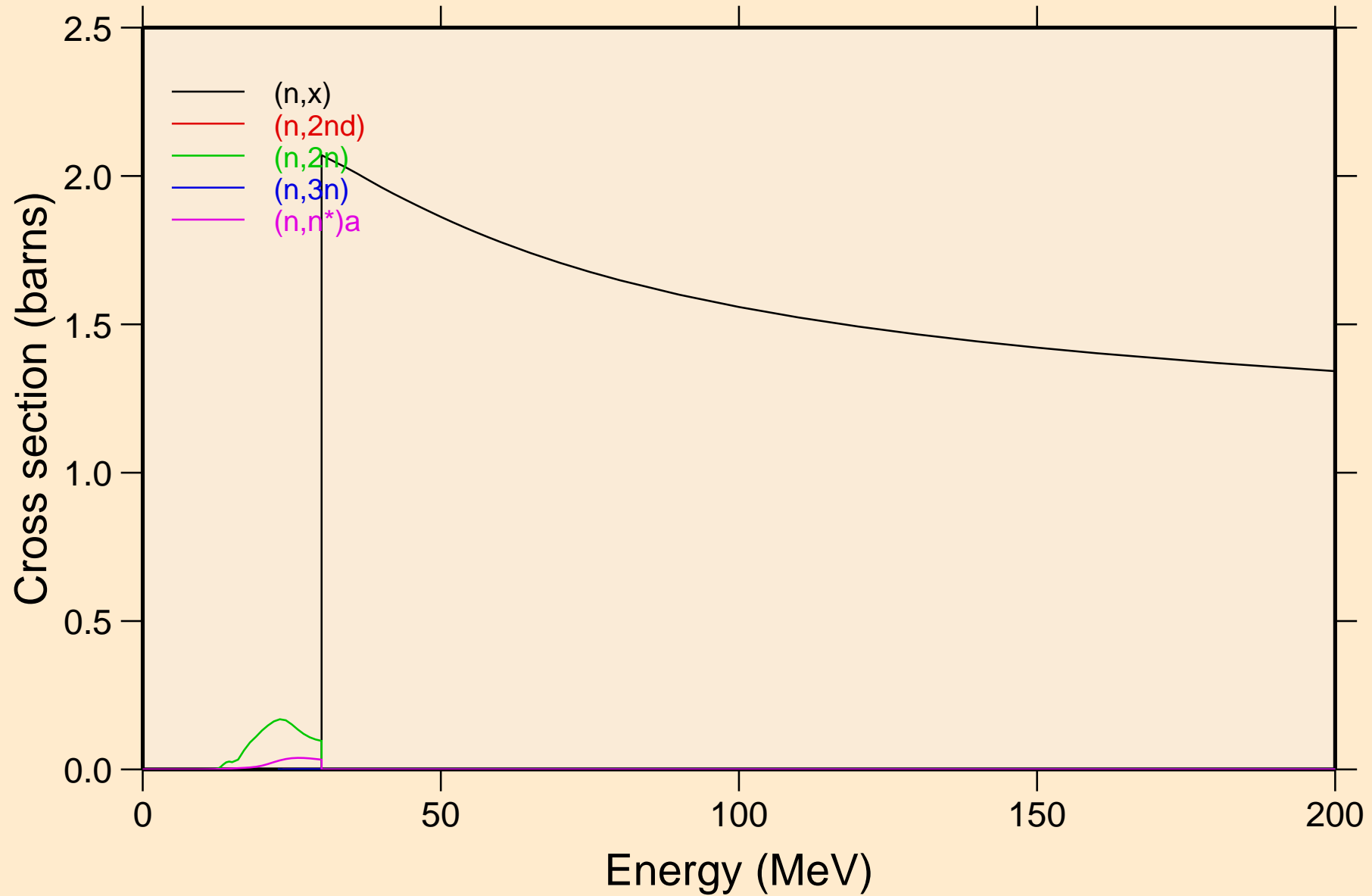




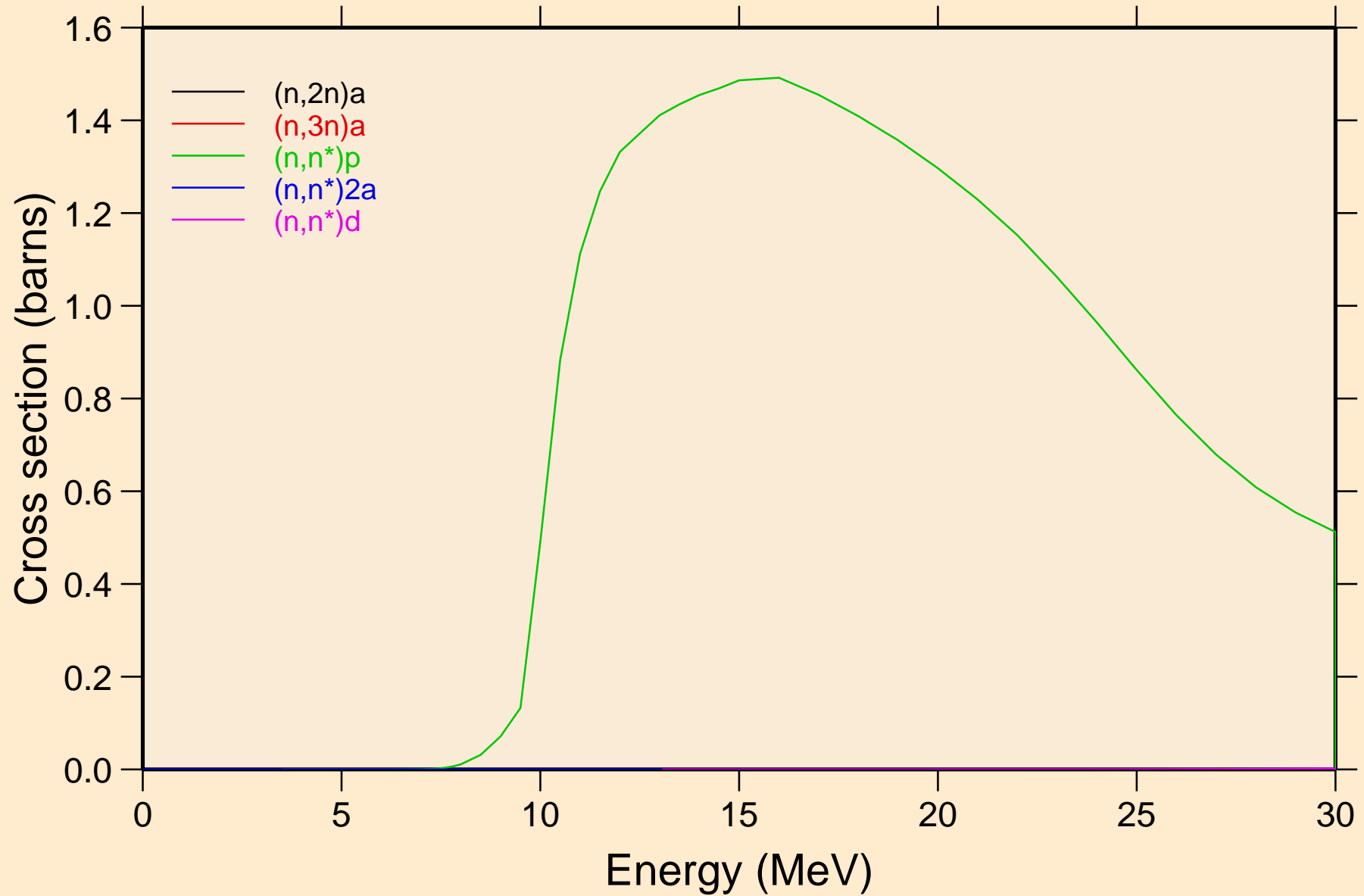
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

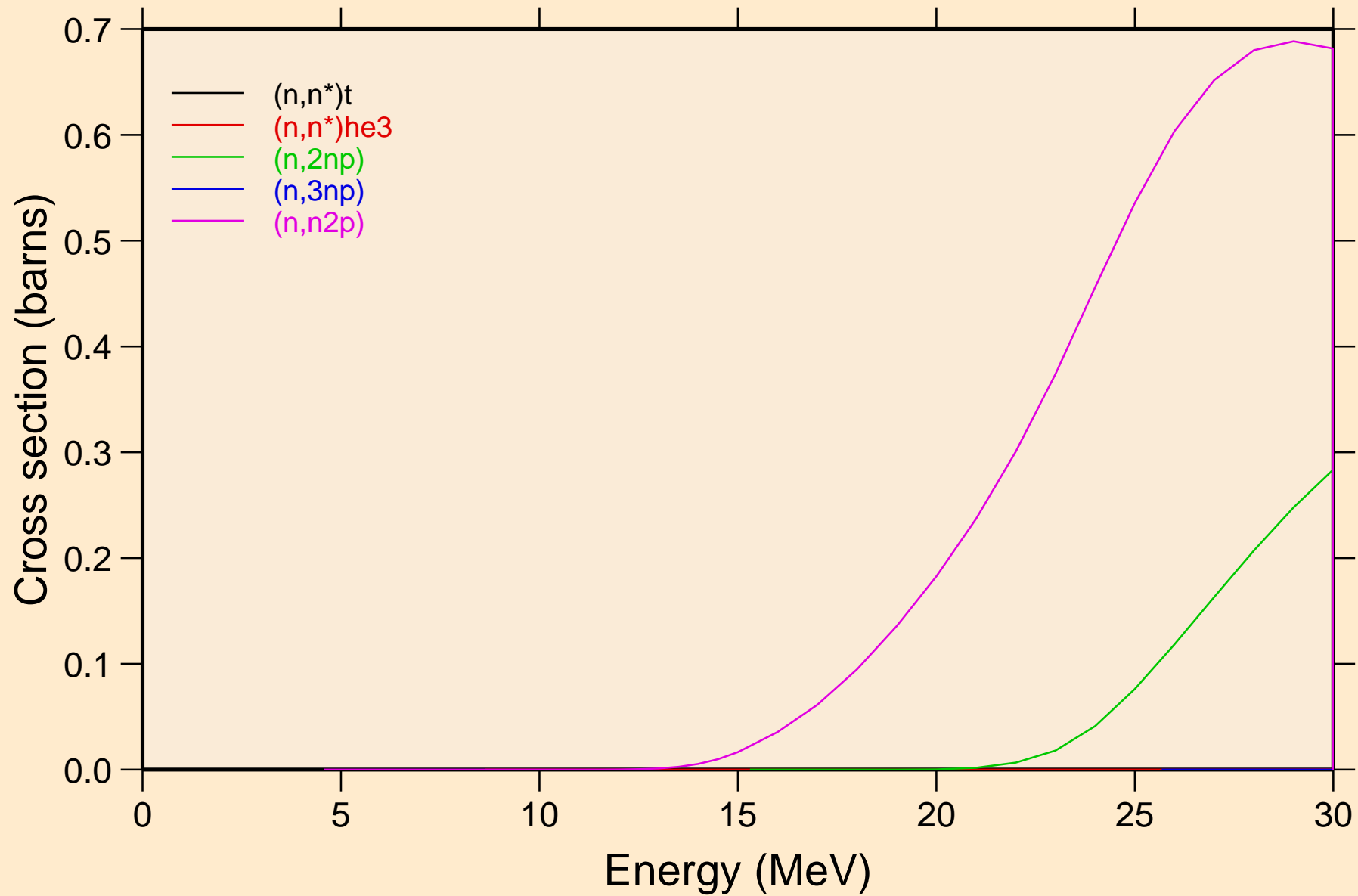


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



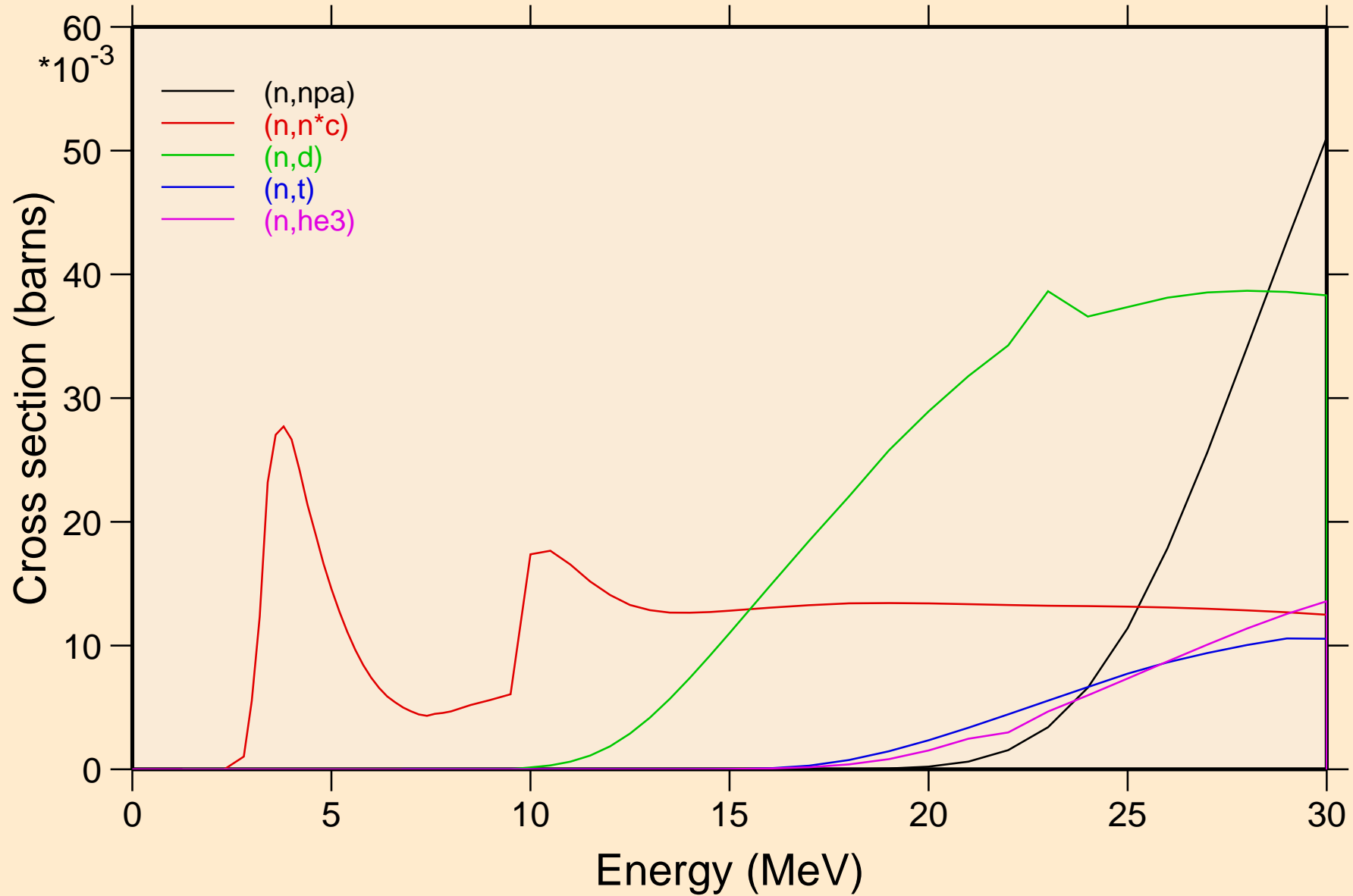
# ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

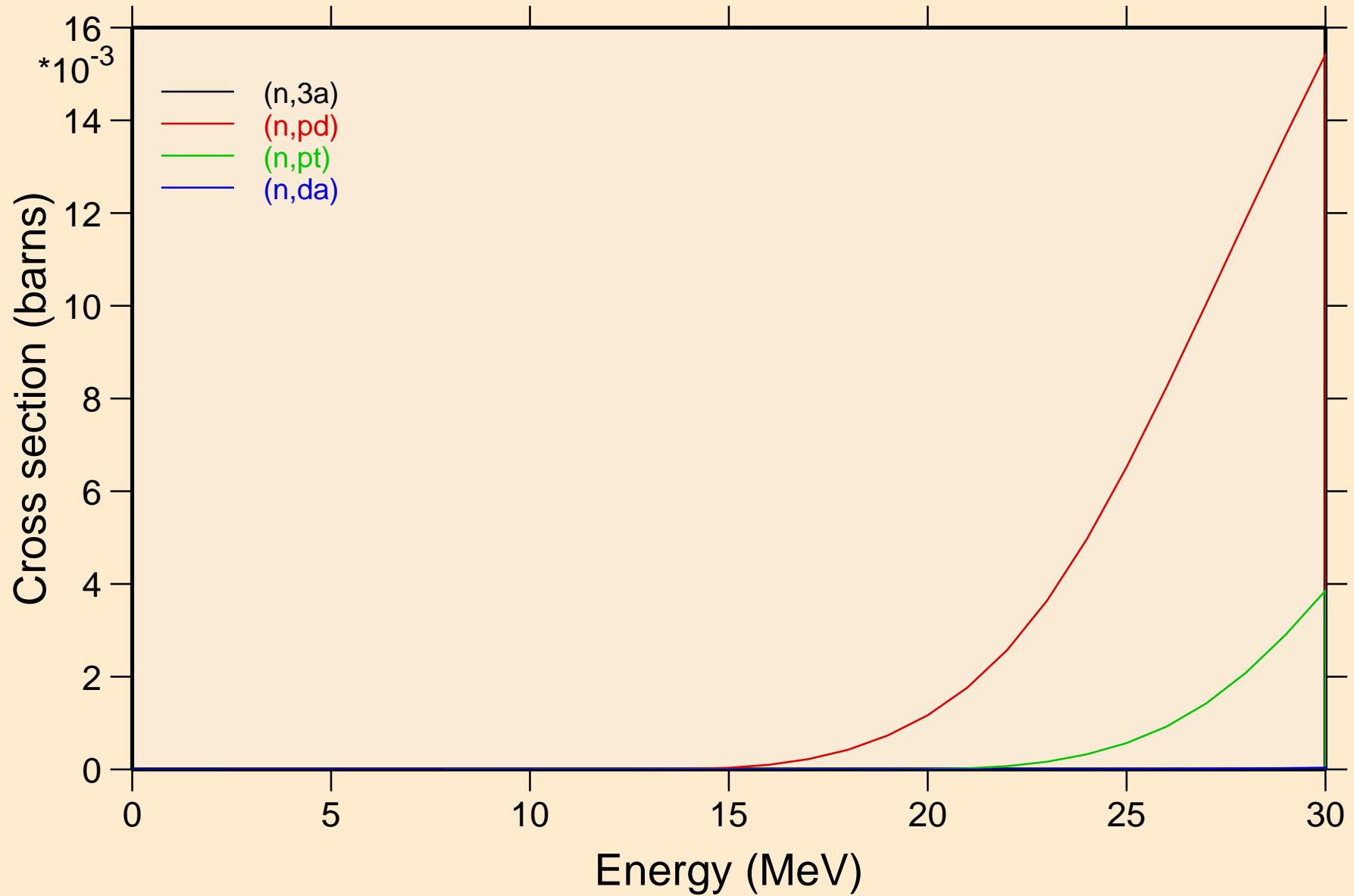


# ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

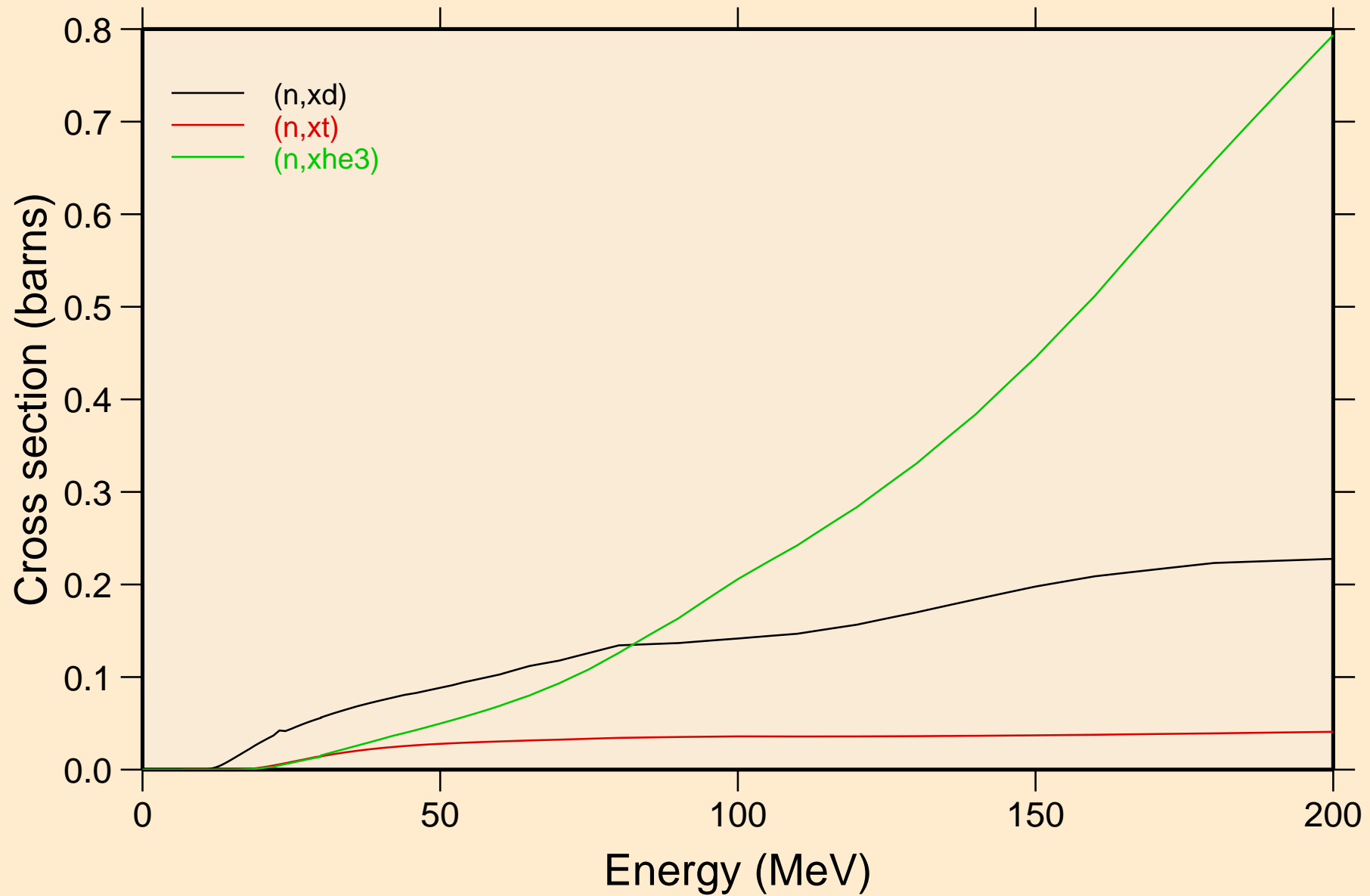
## Threshold reactions



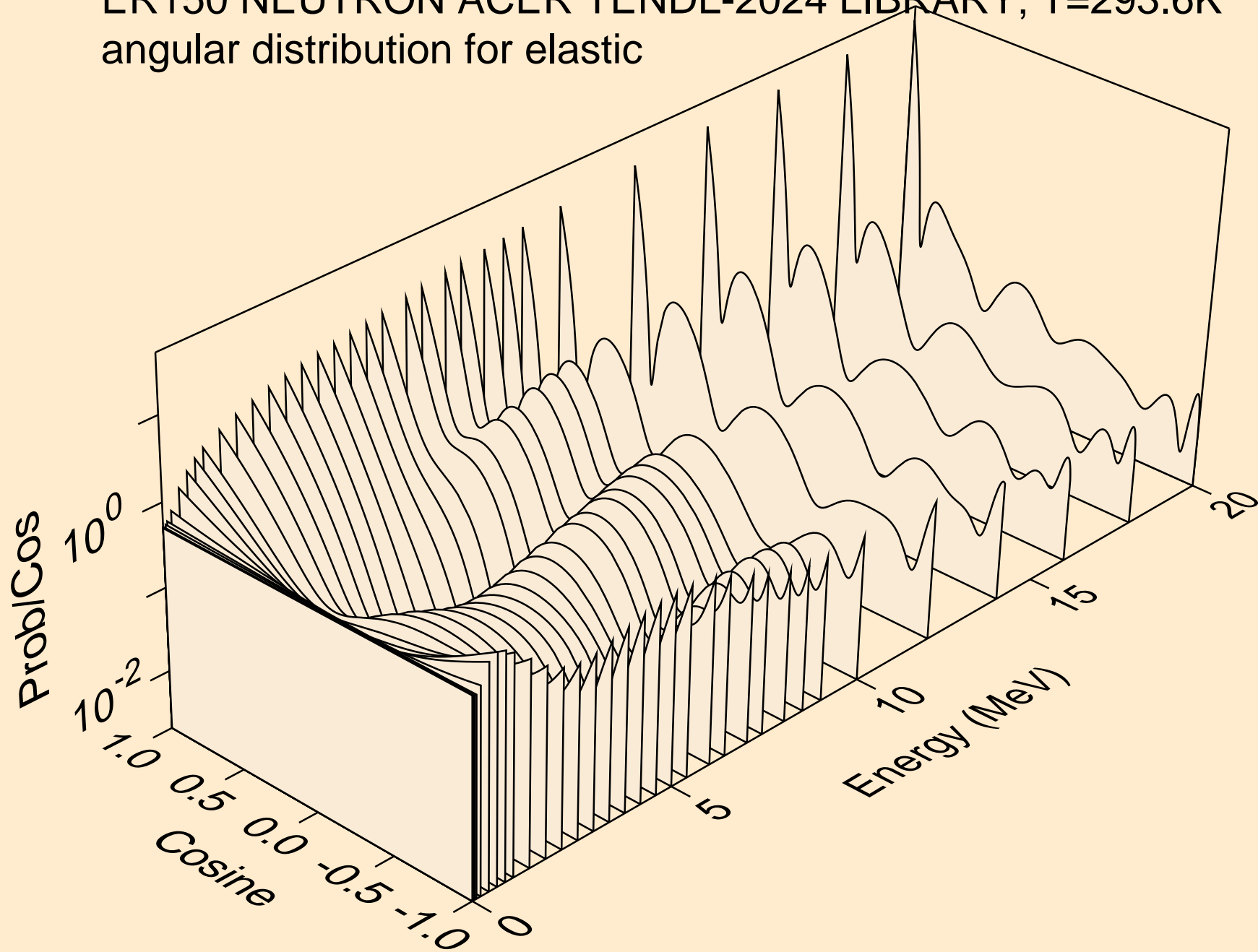
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

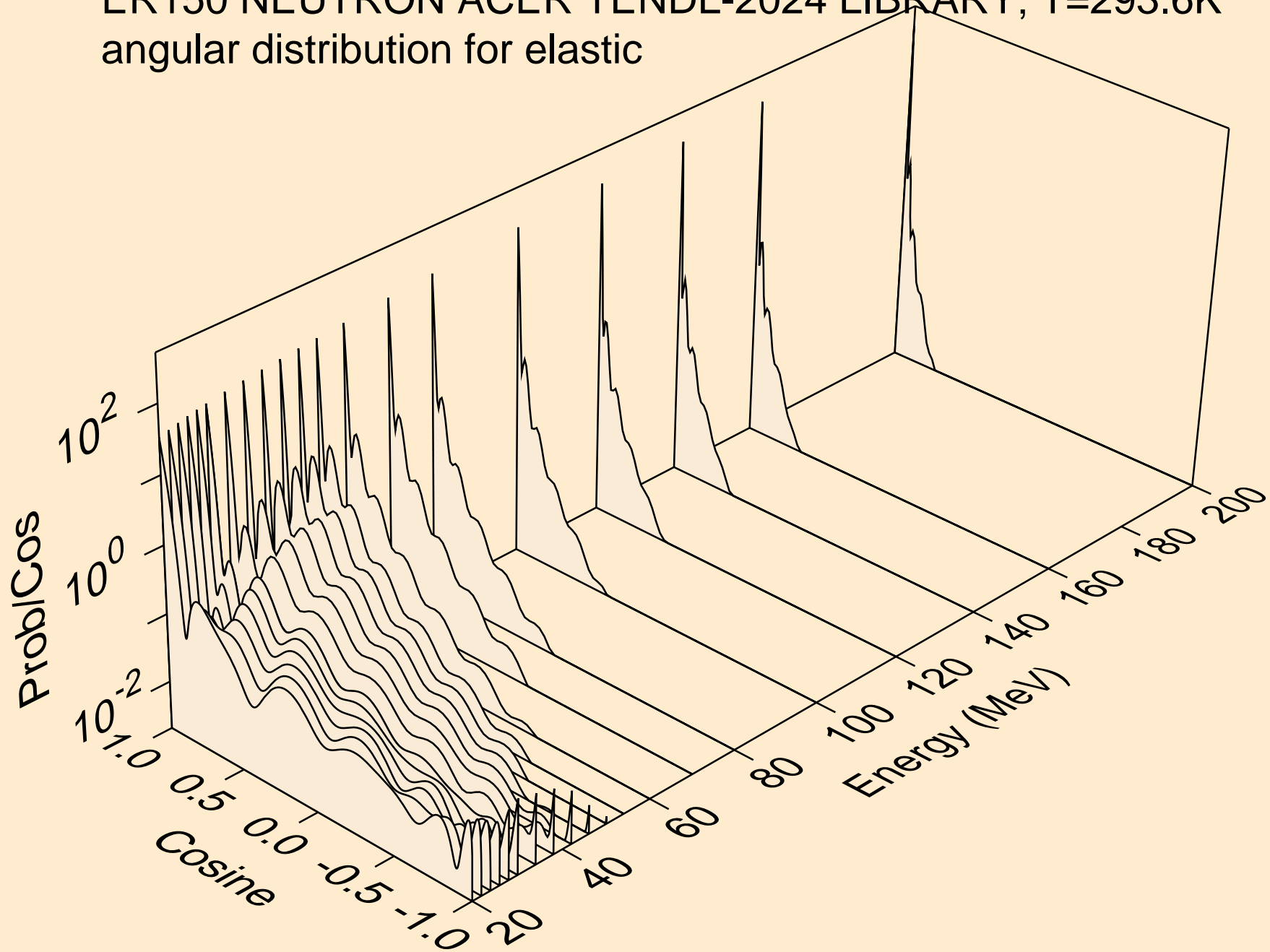


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic

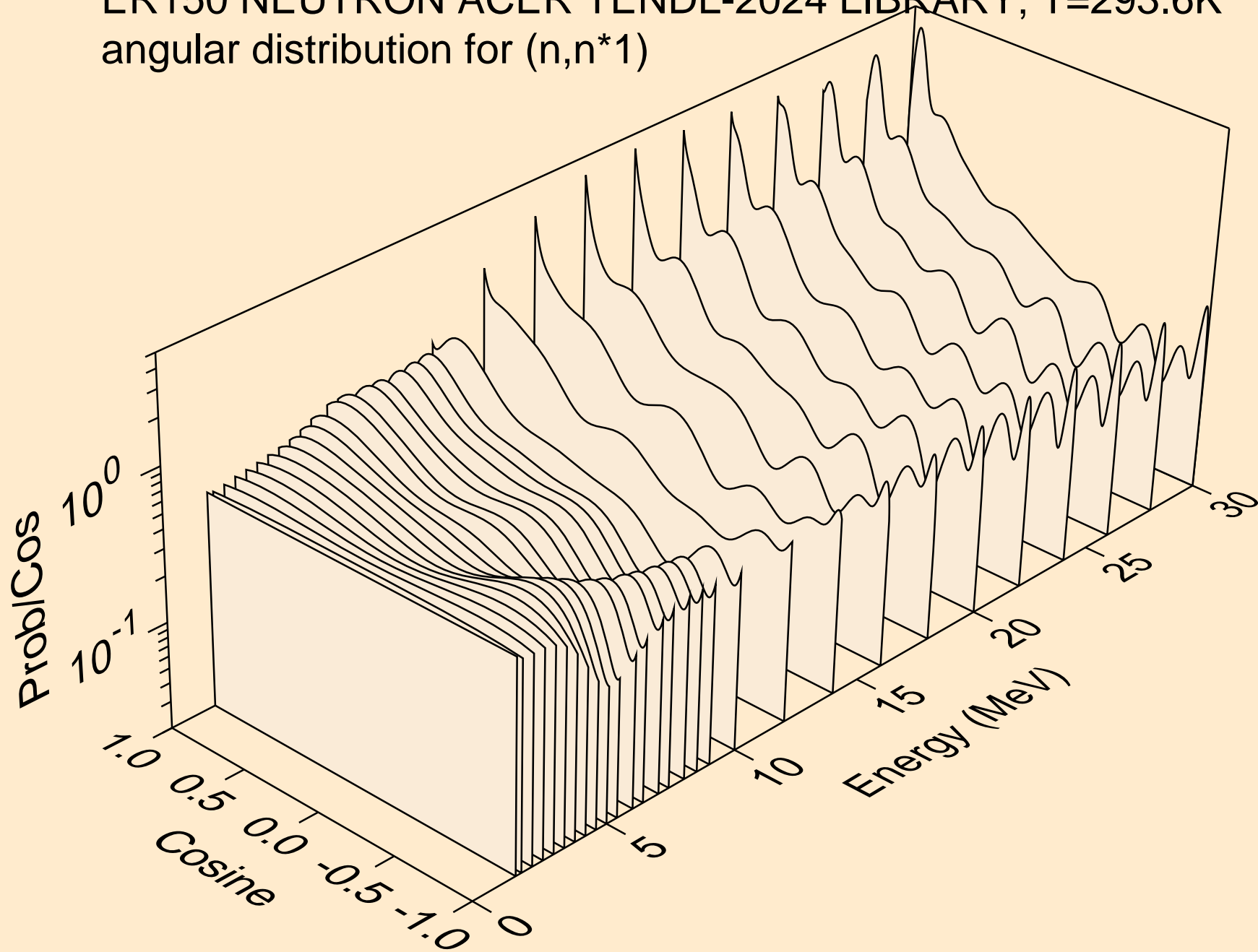




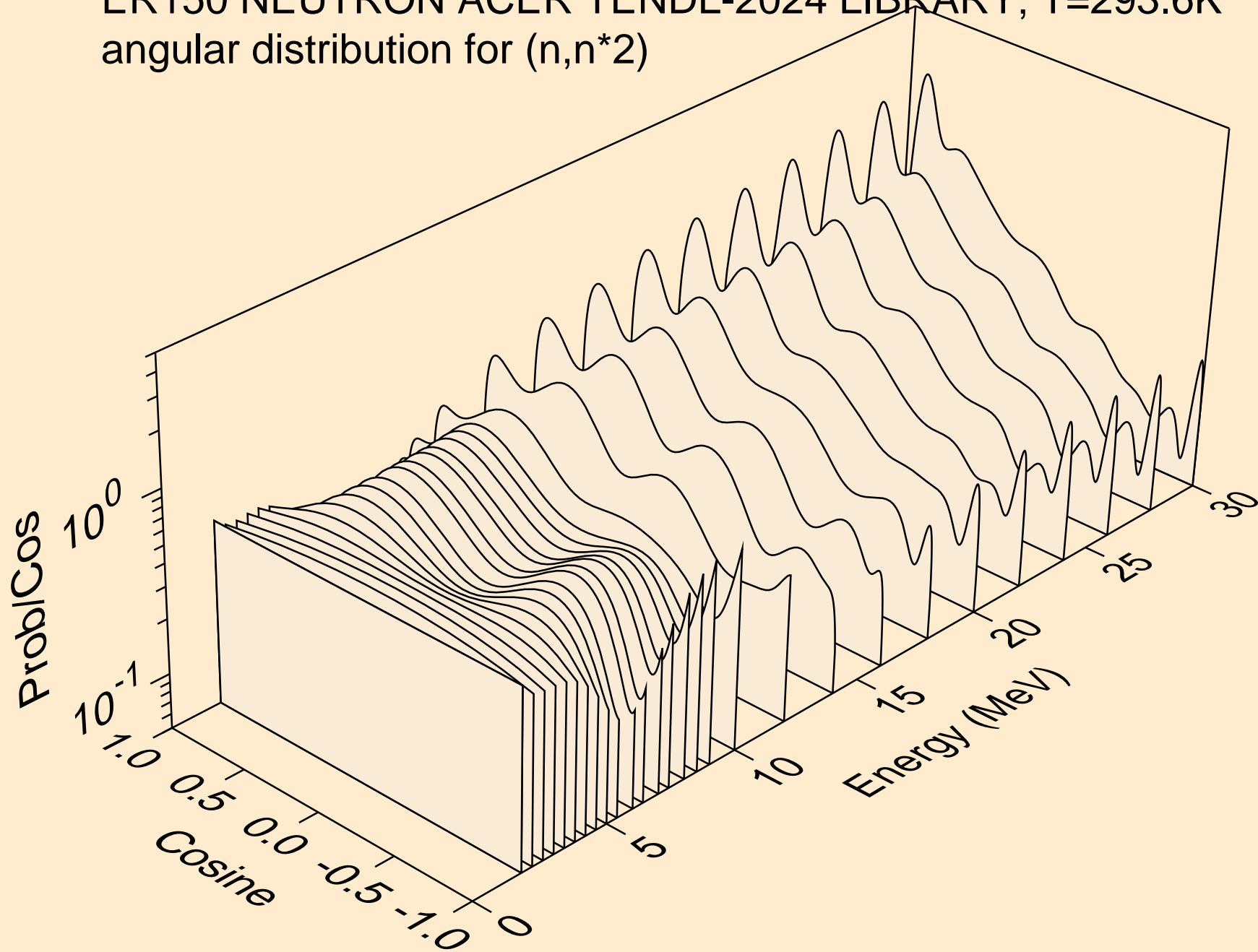
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



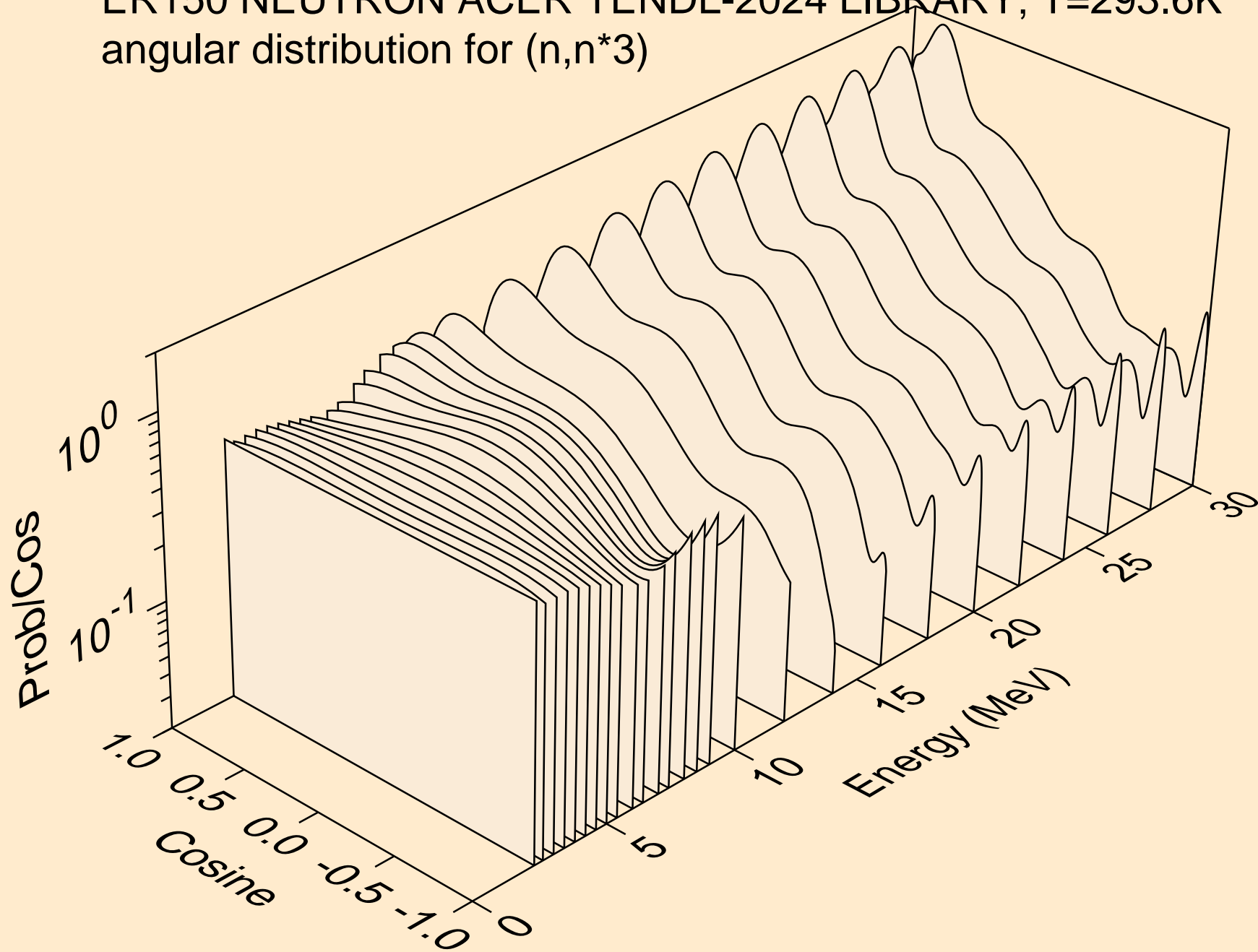
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



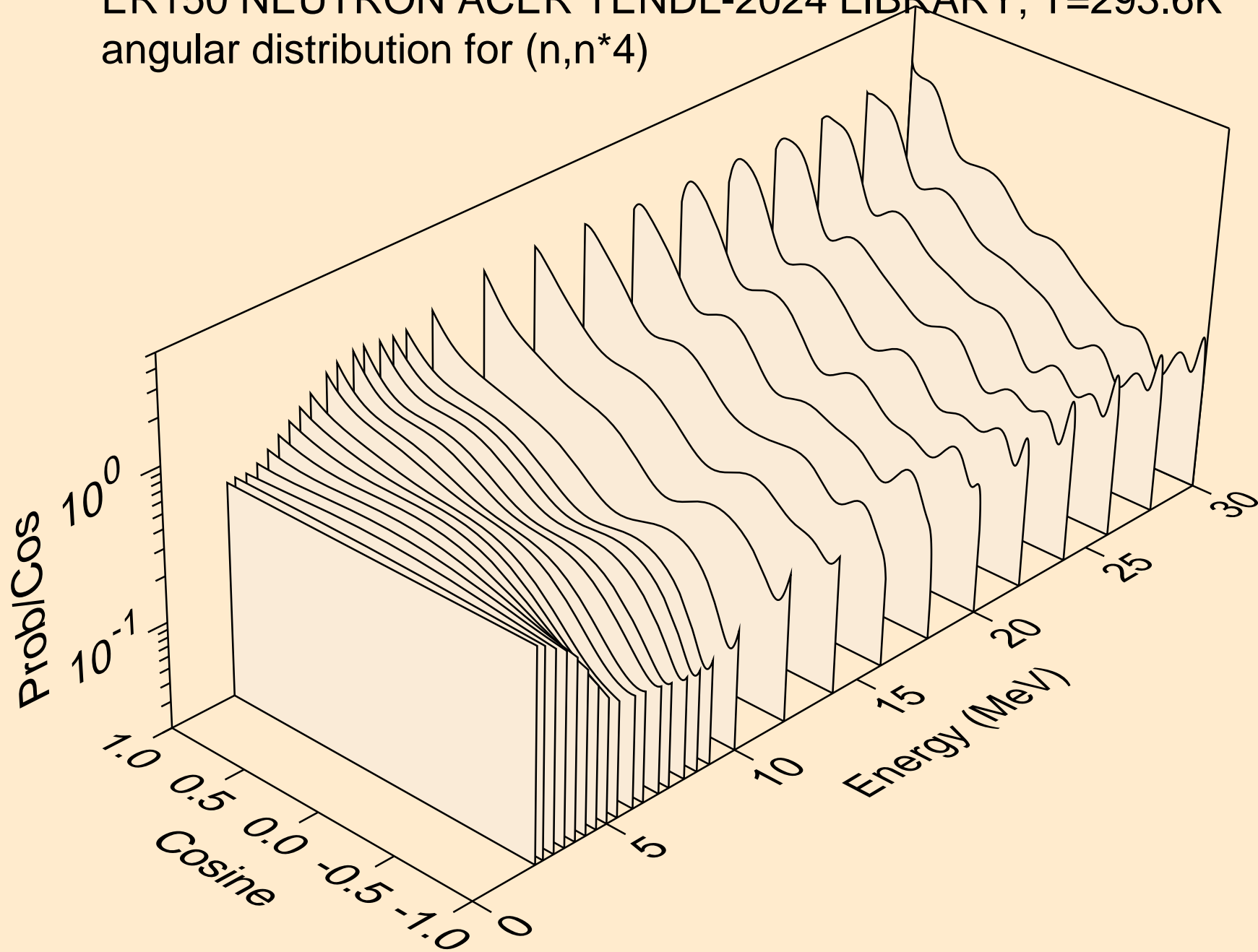
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



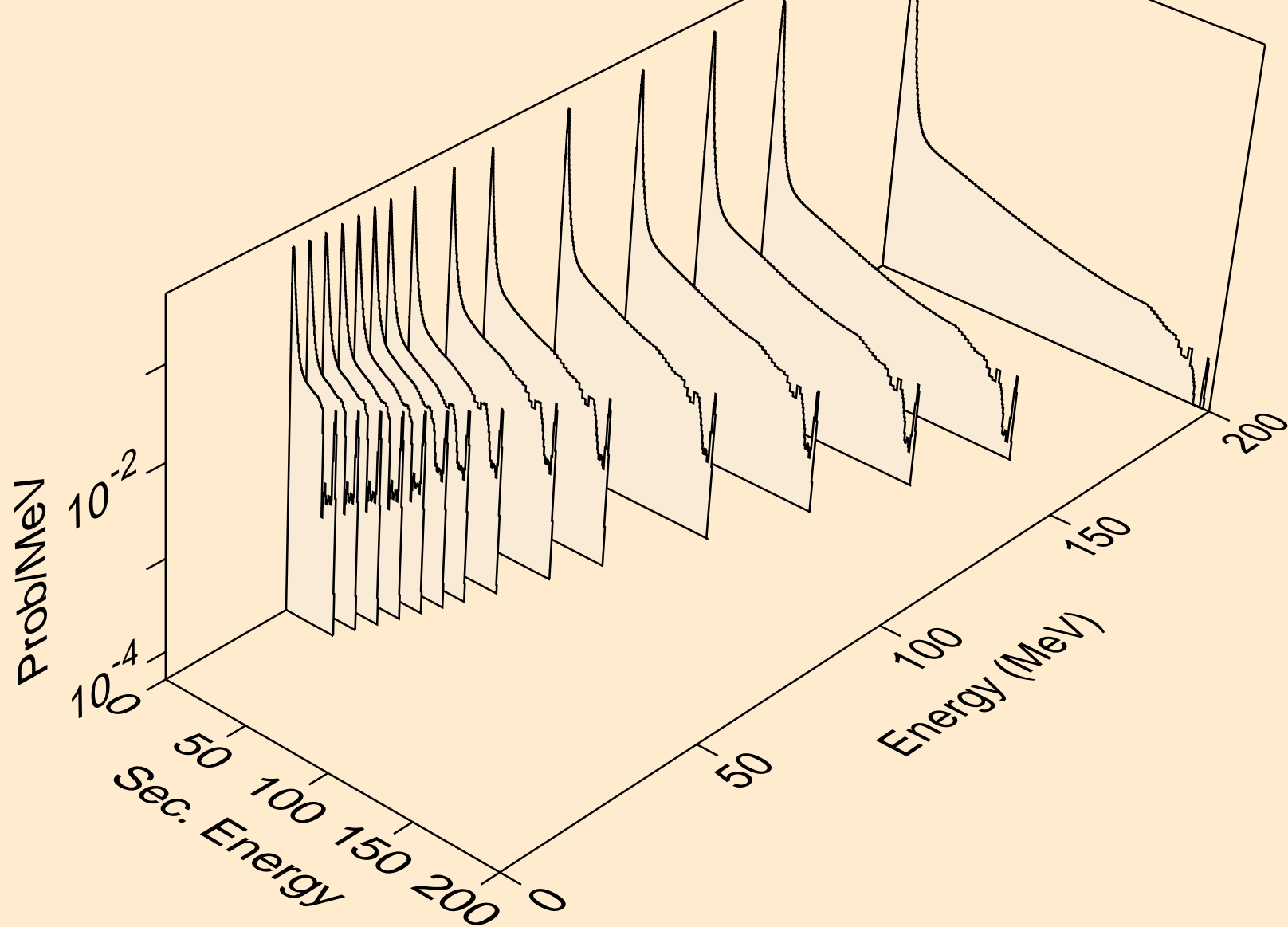
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



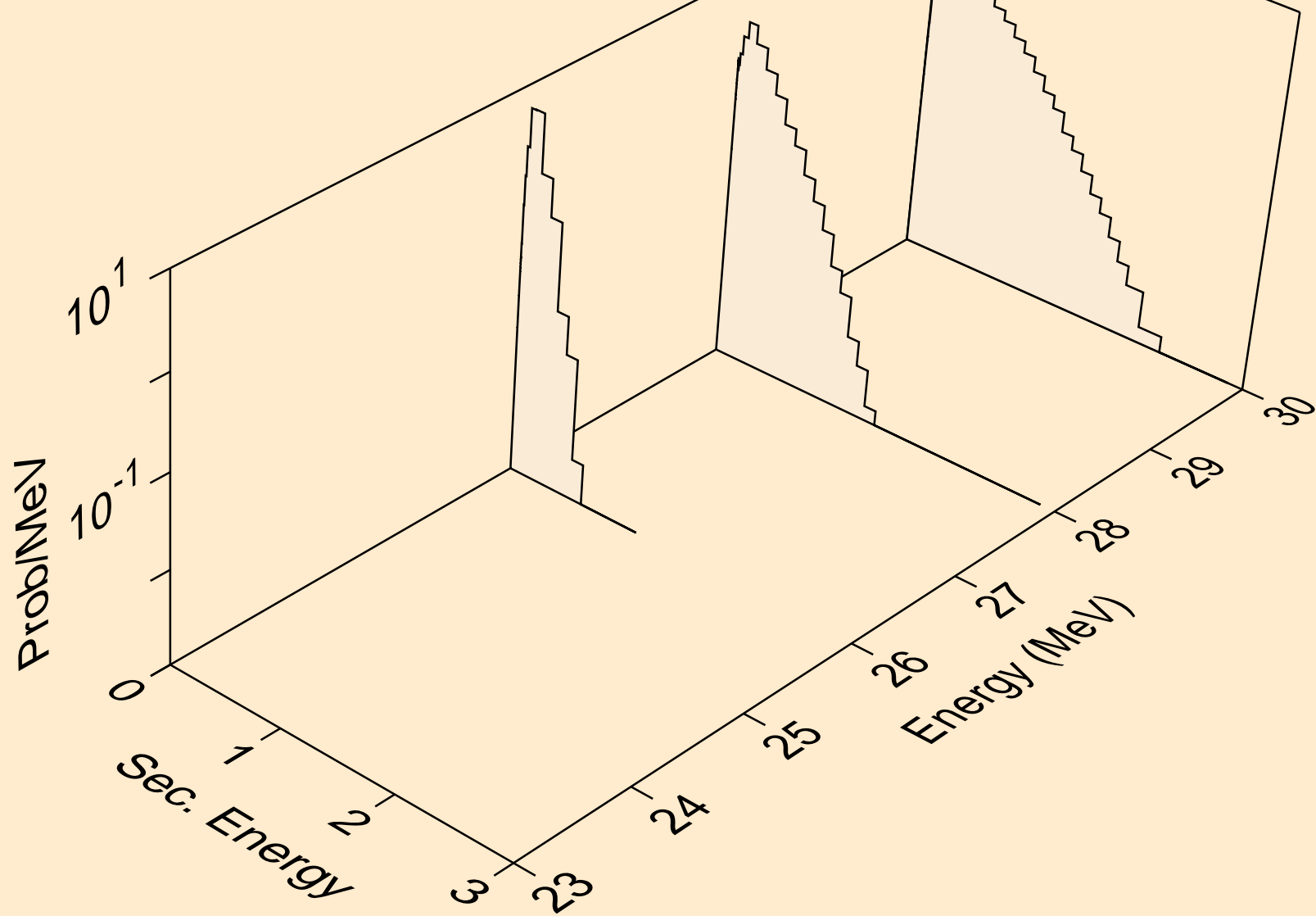
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



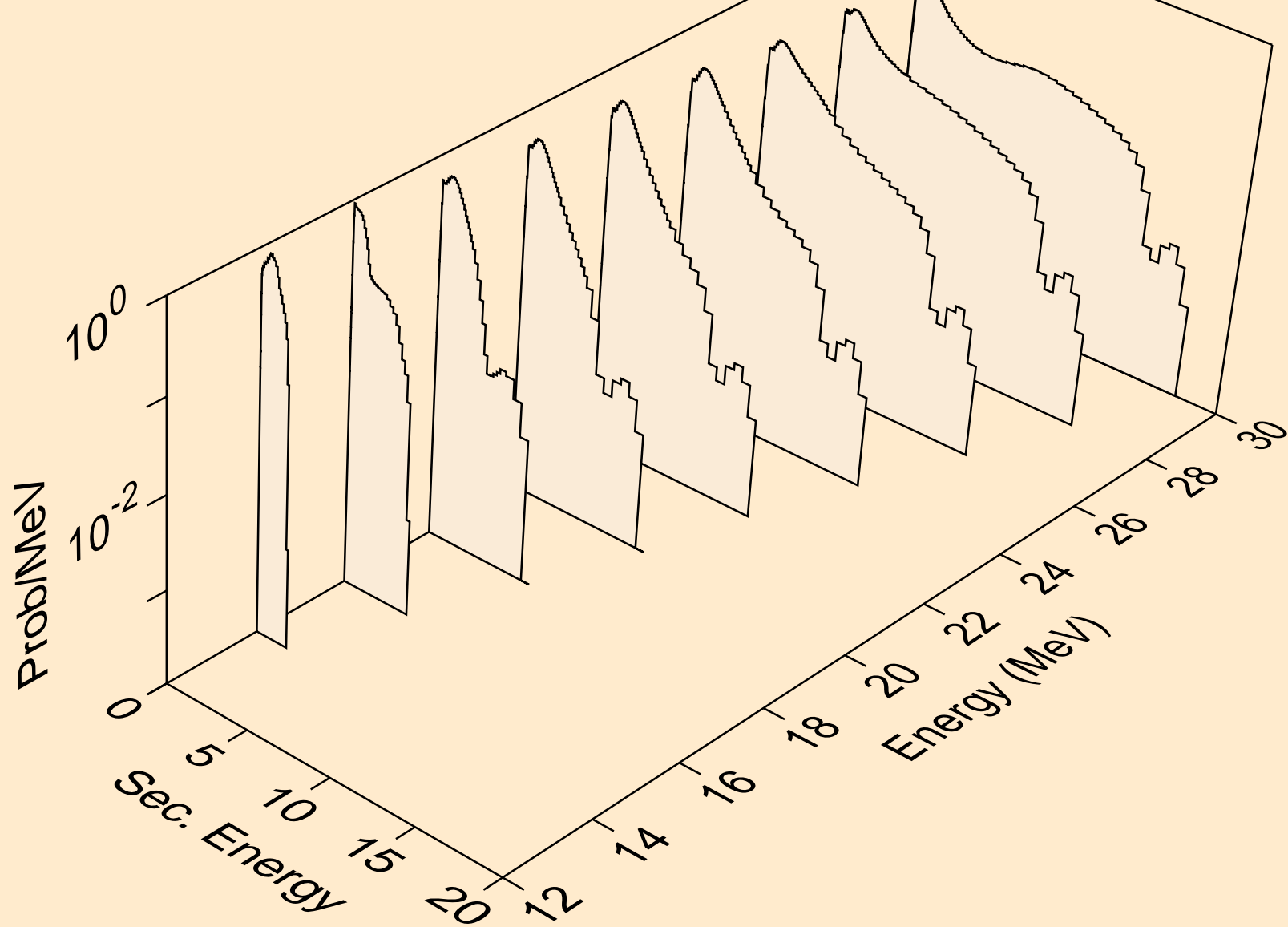
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

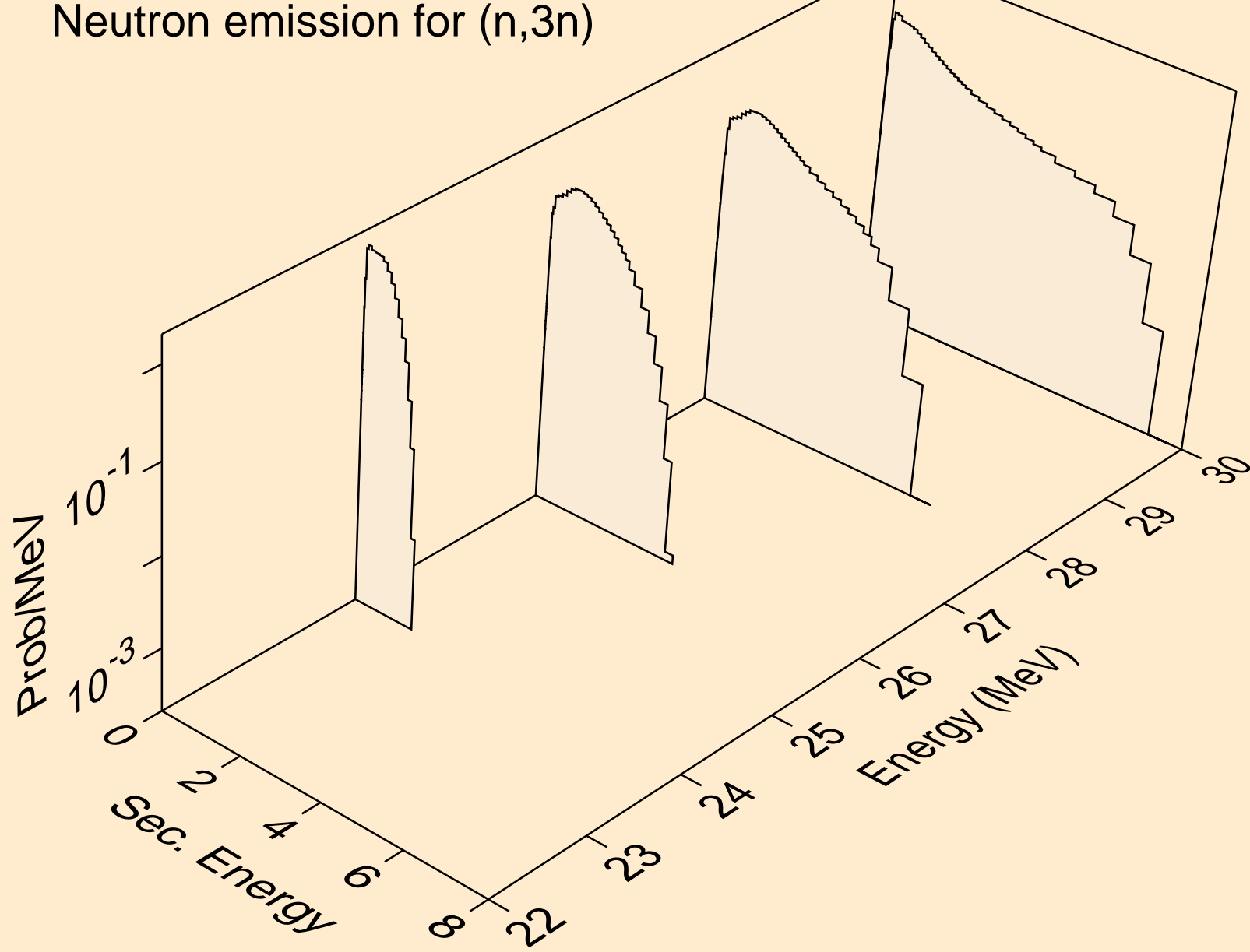


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

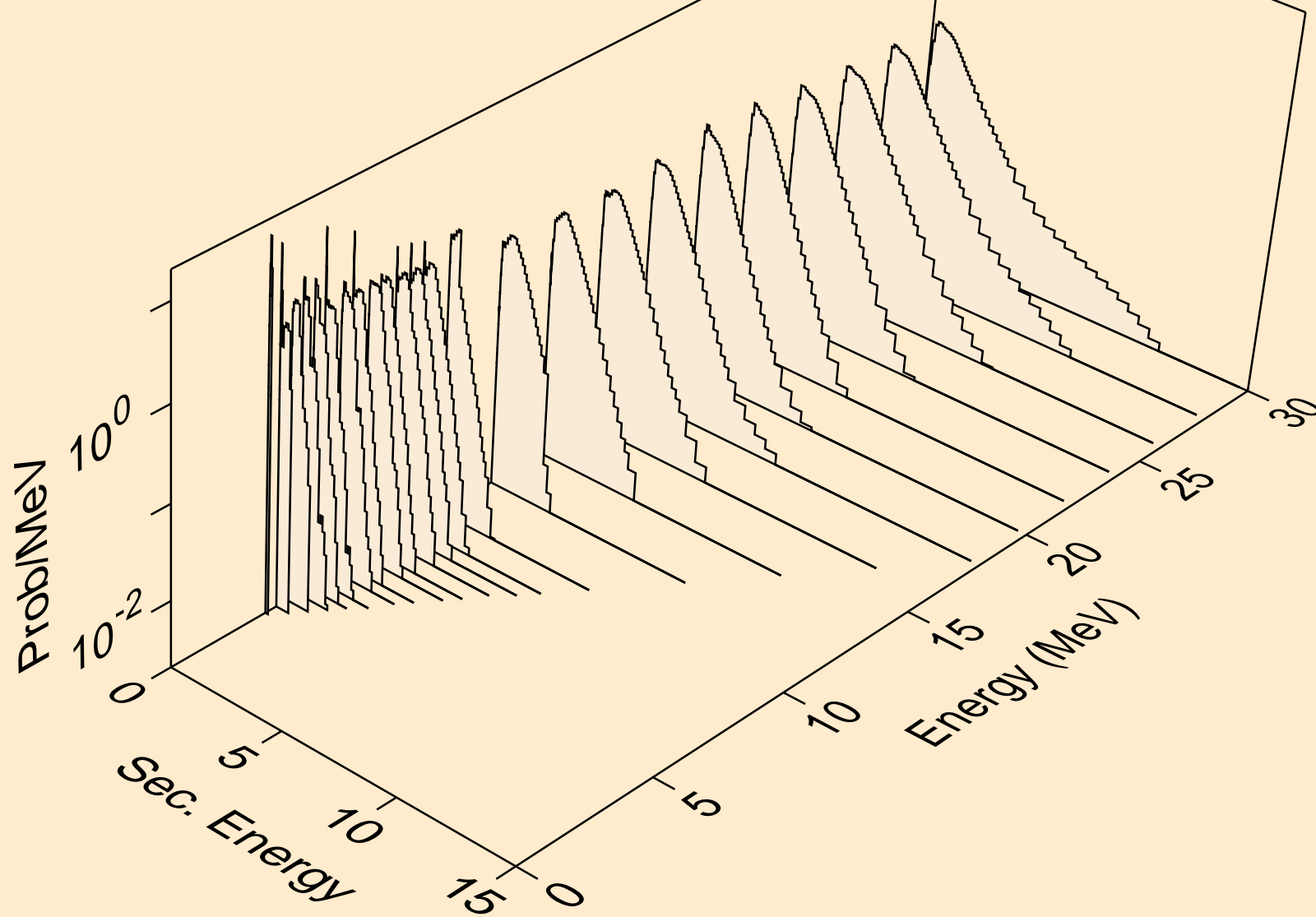




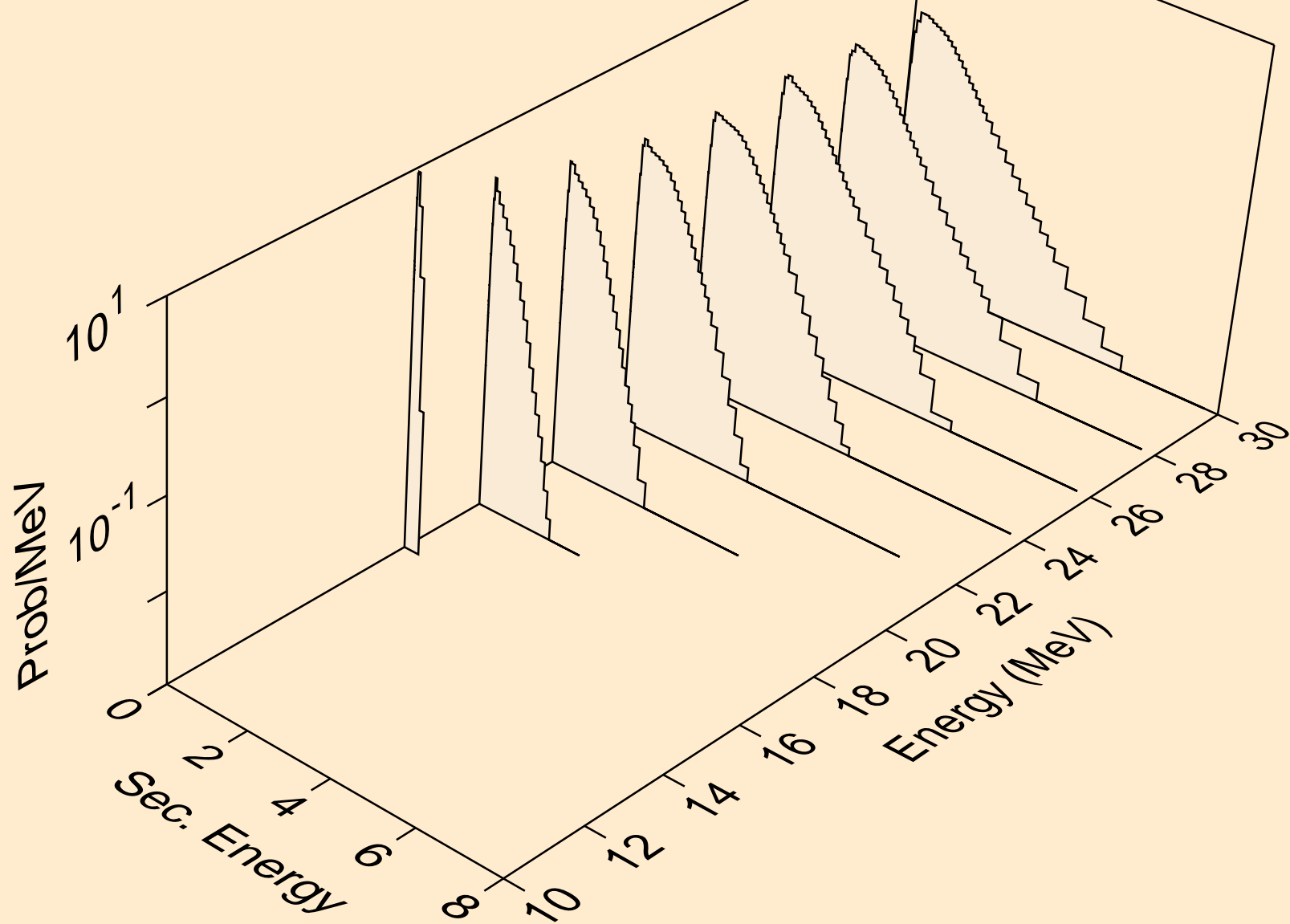
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



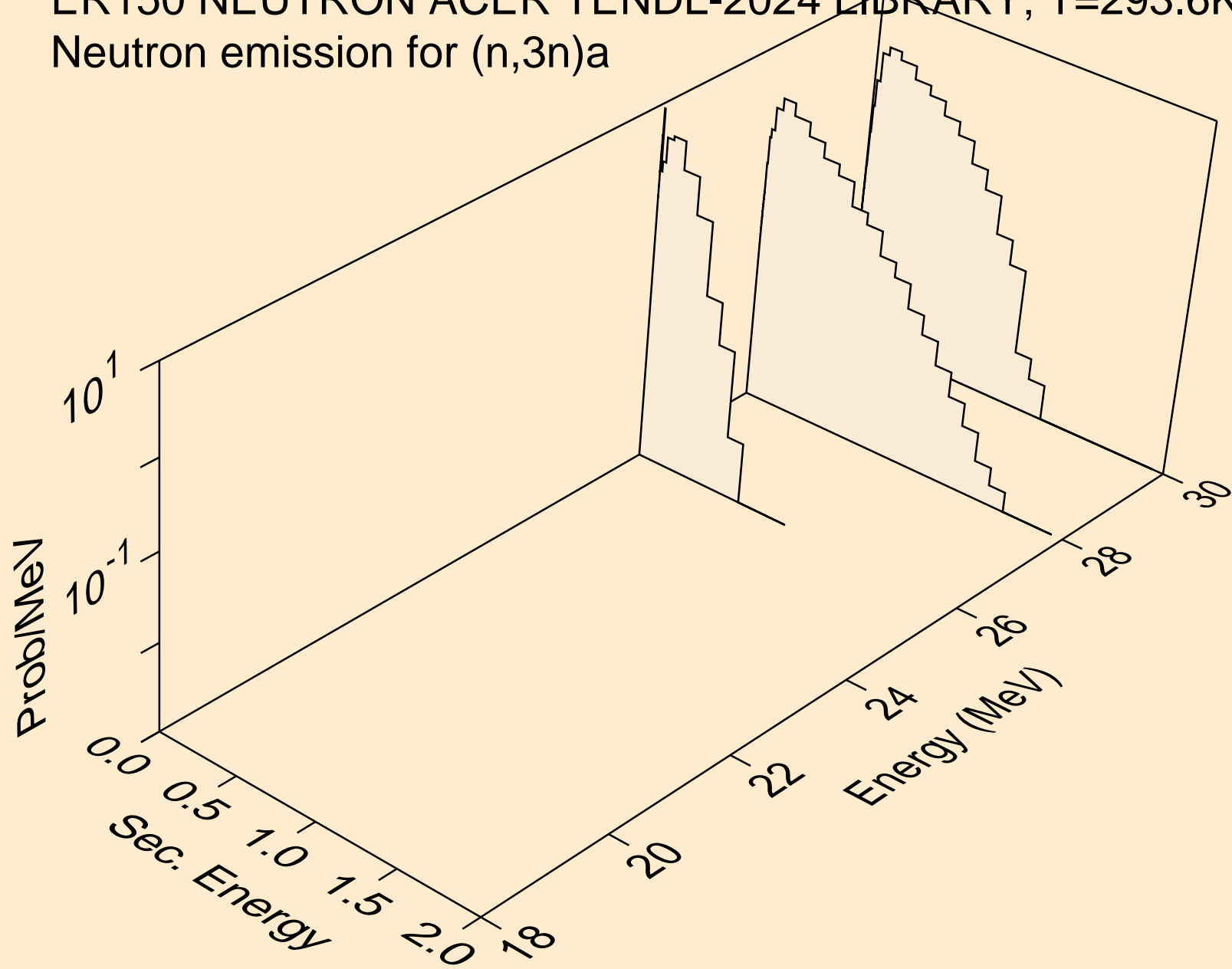
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



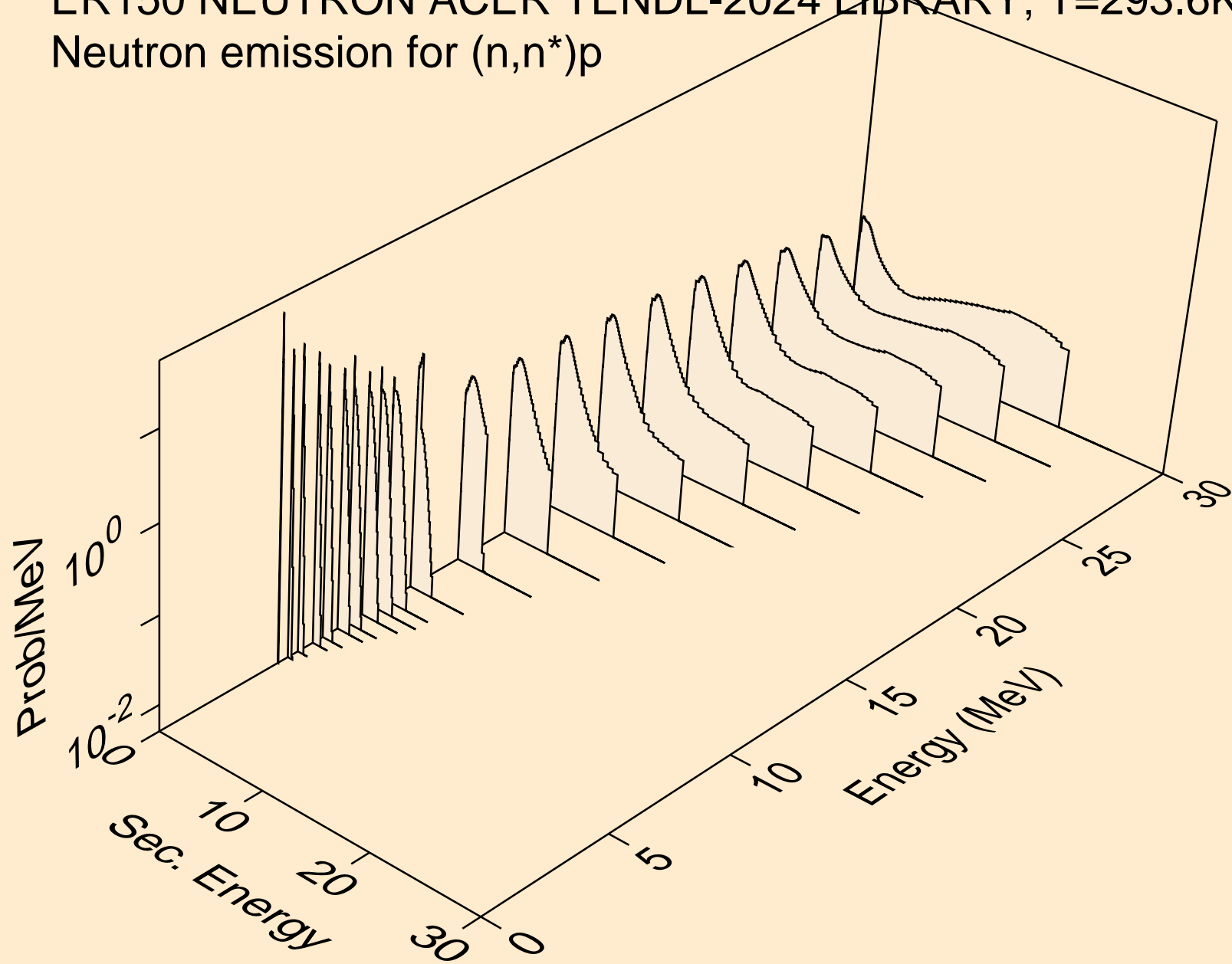
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



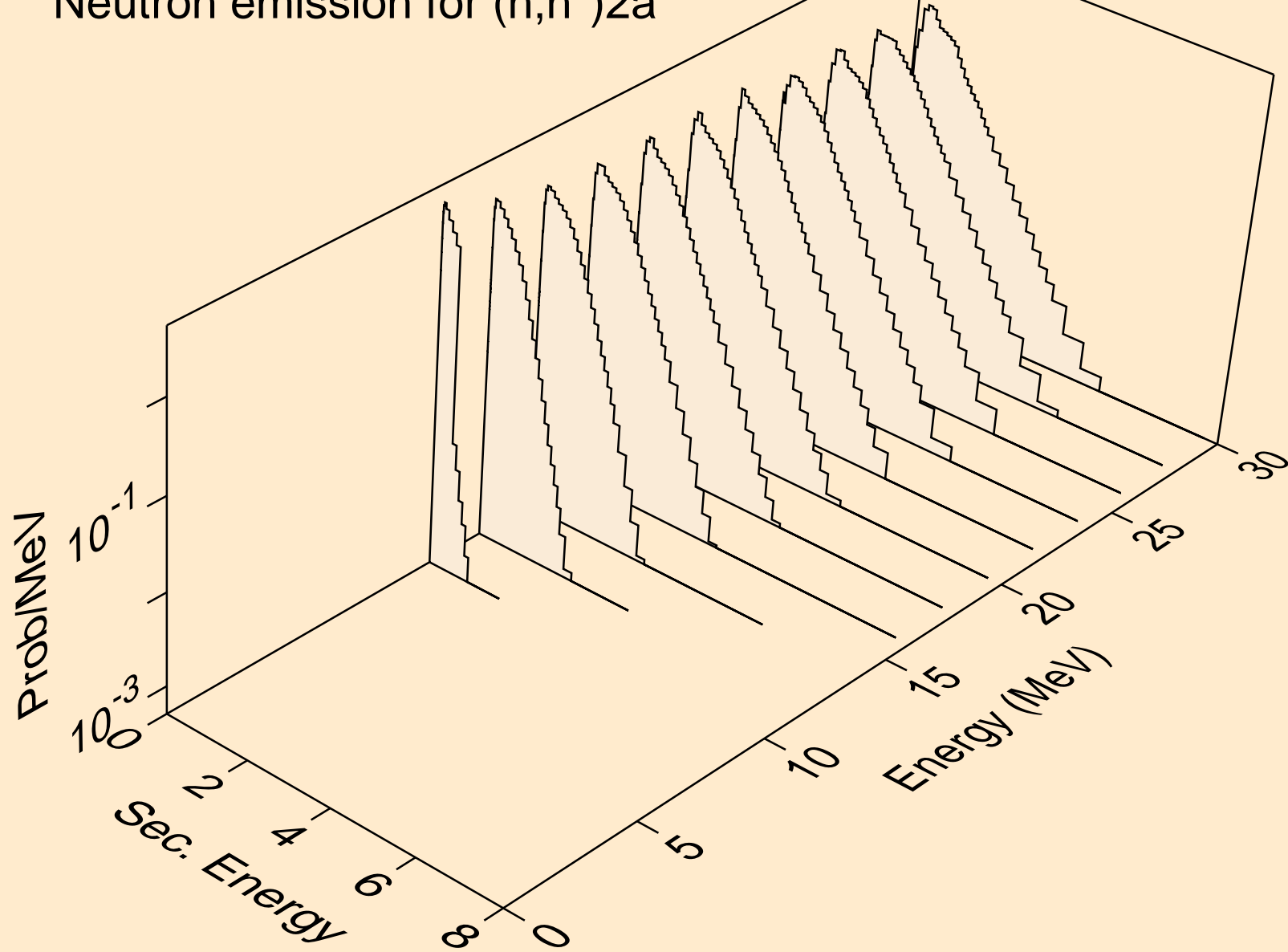
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



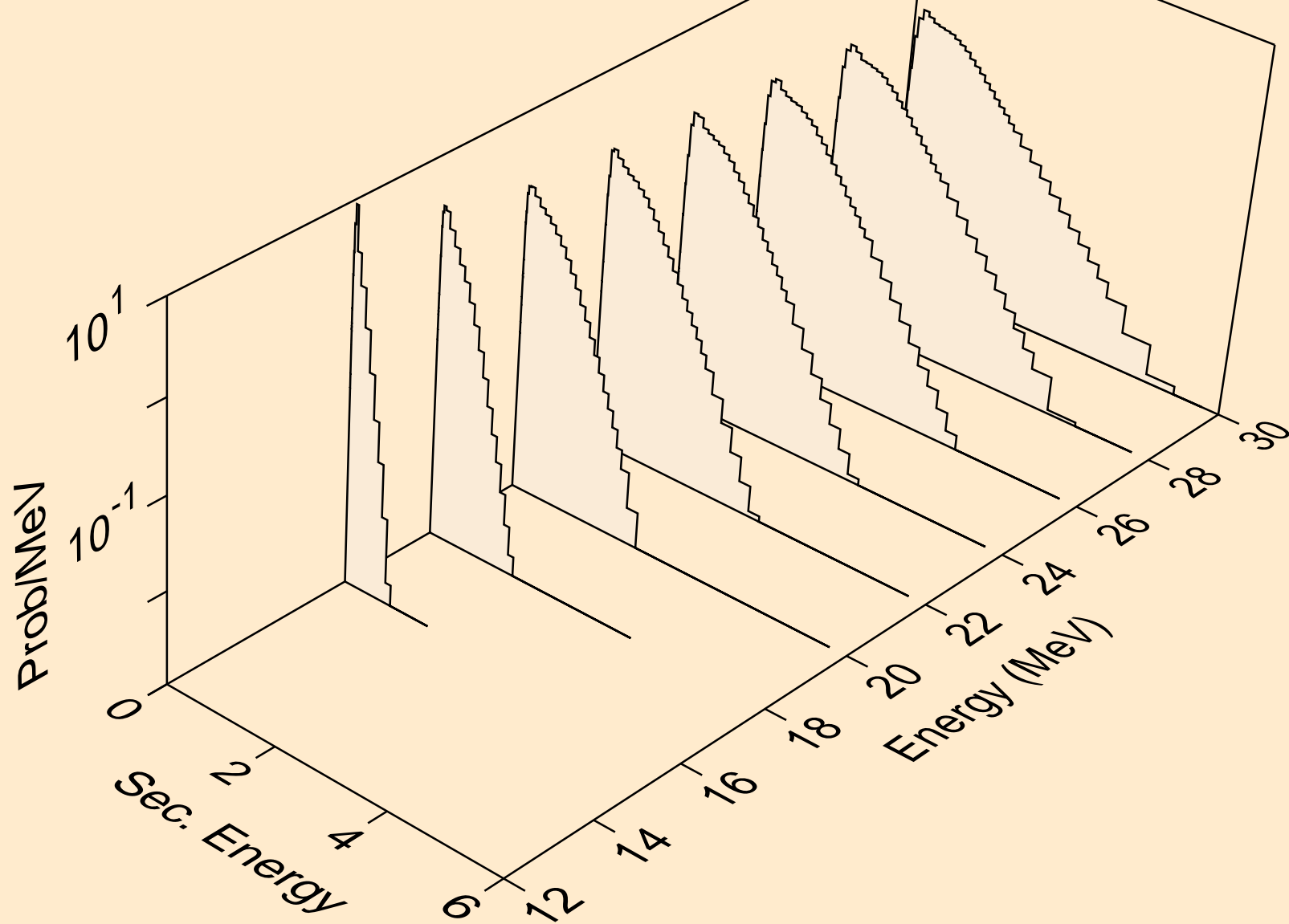
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



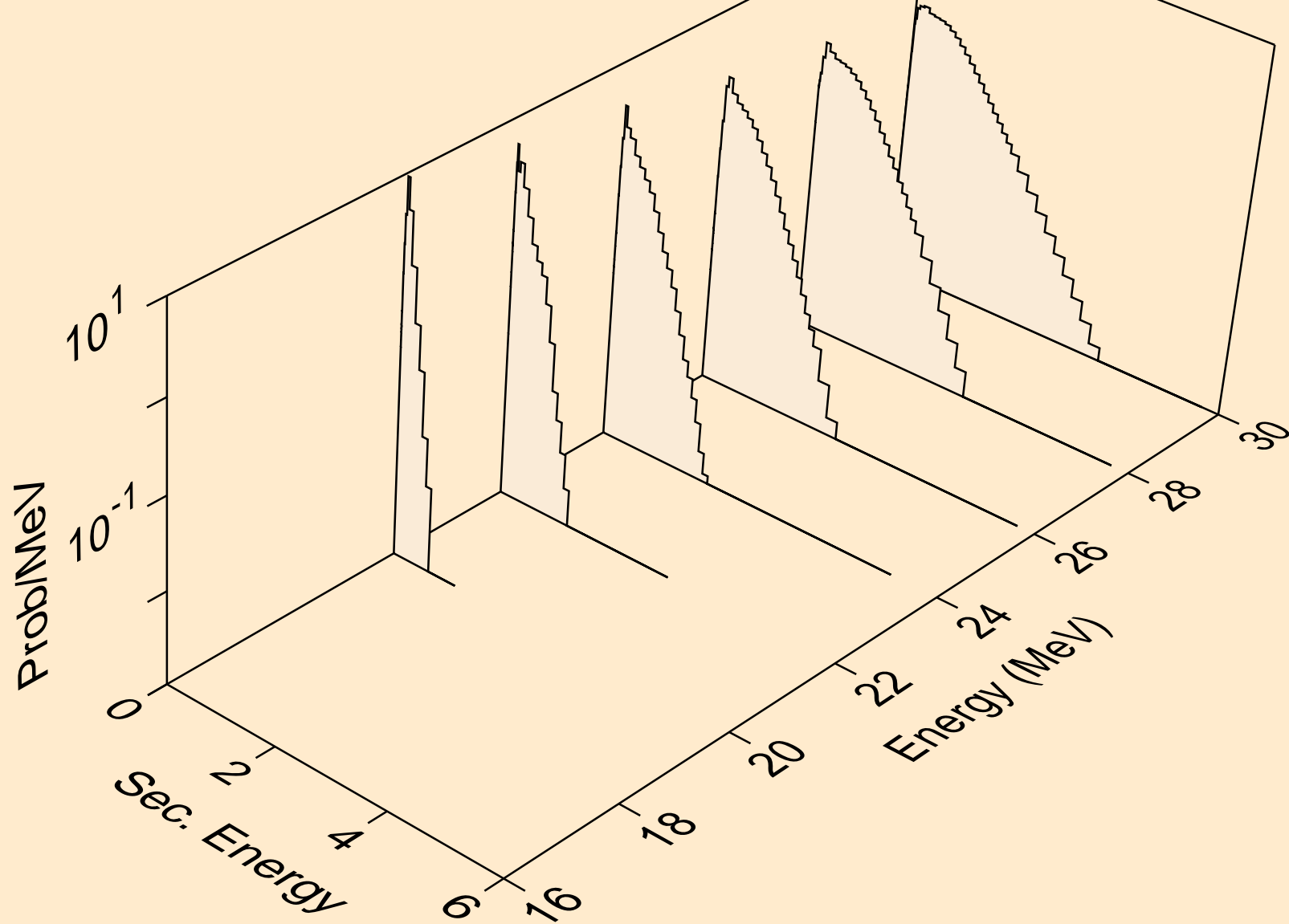
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

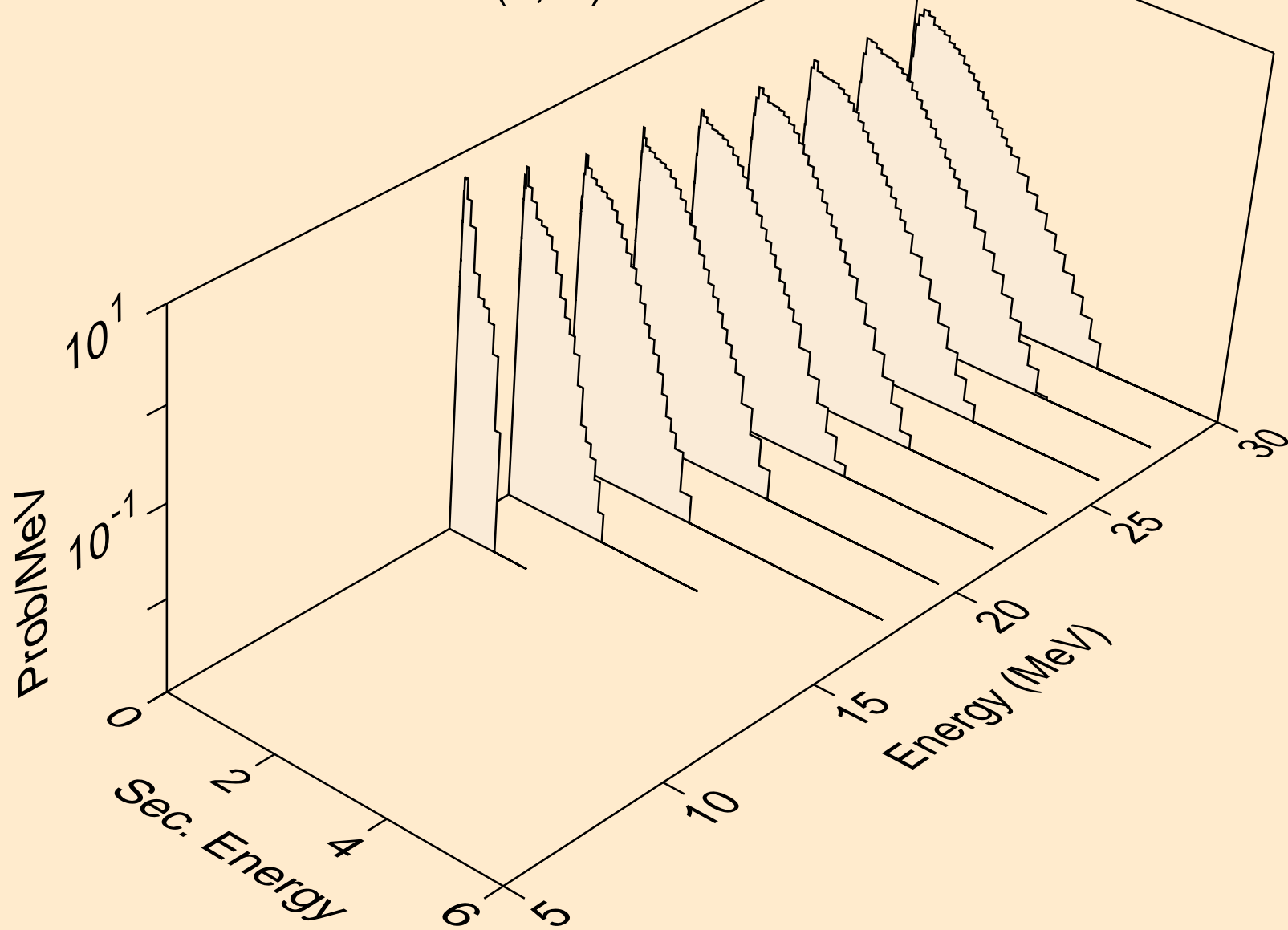


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

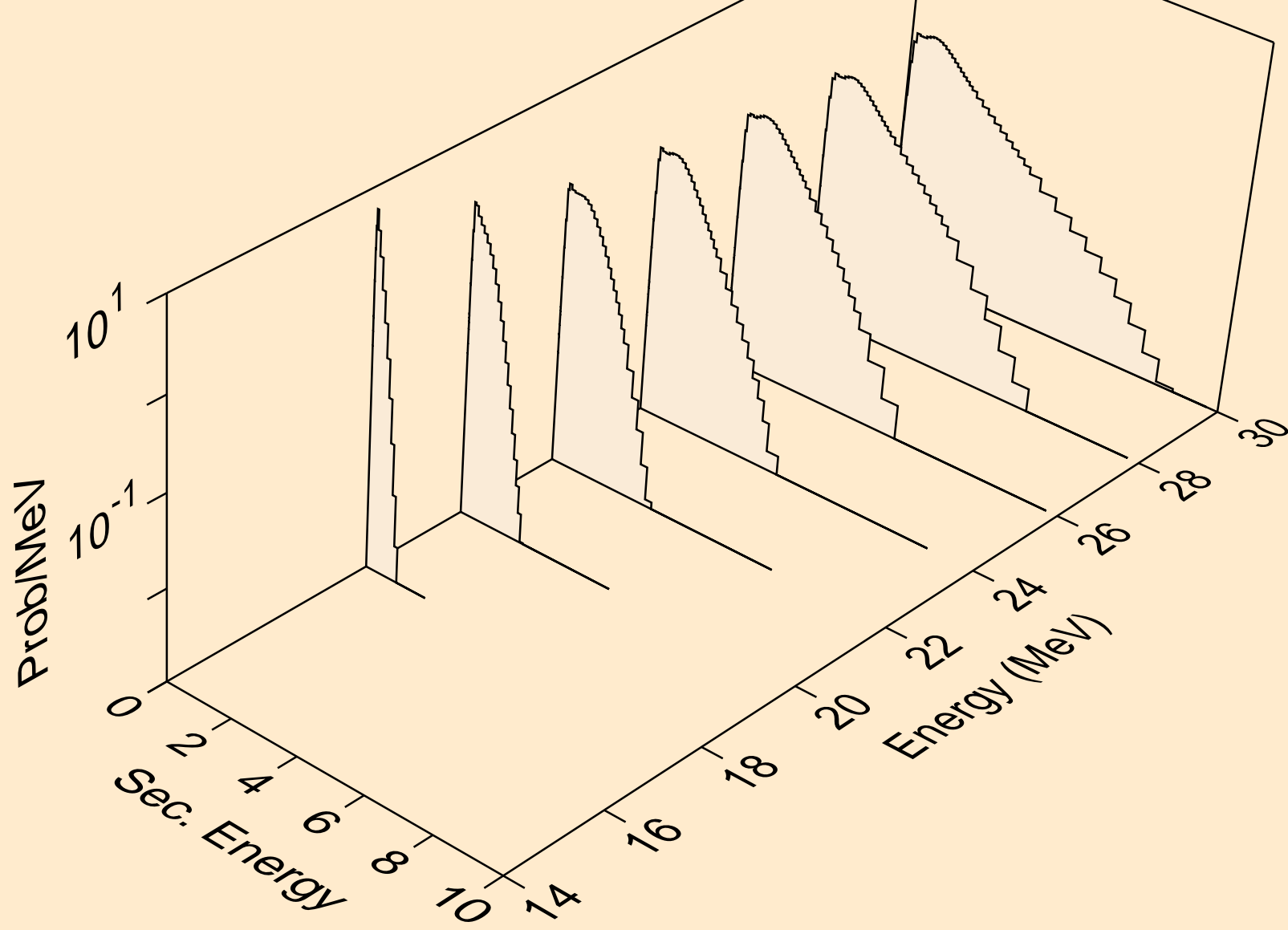




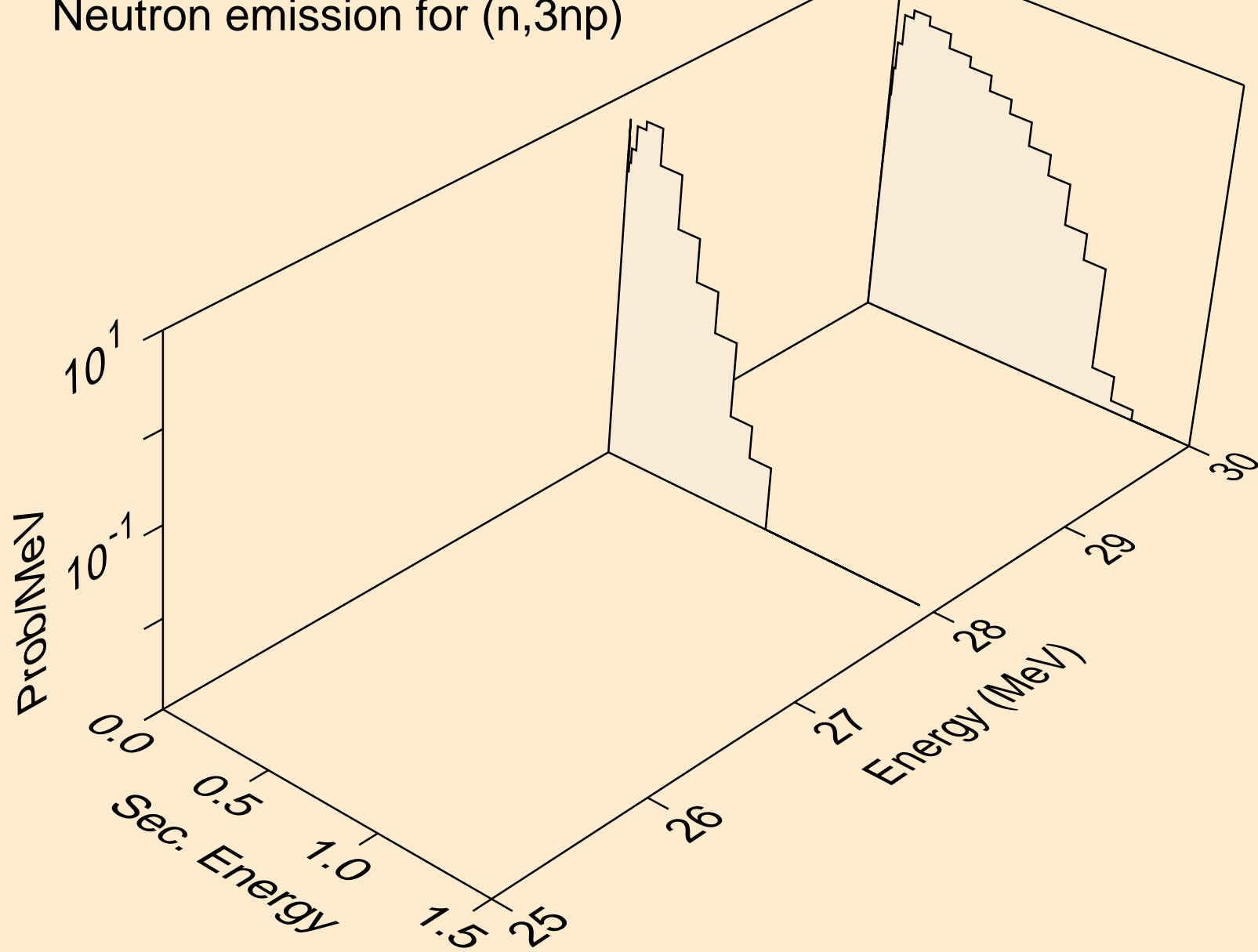
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



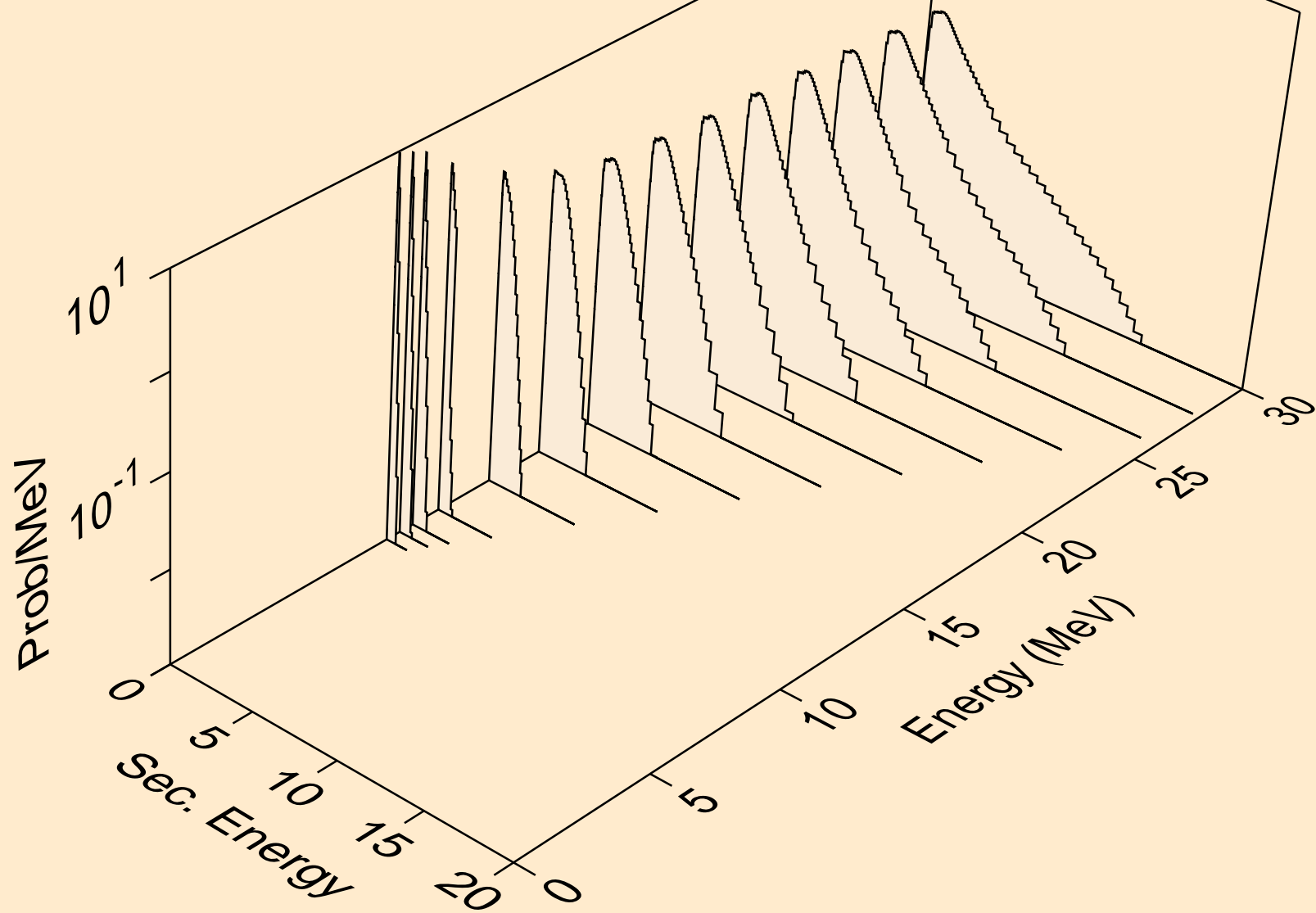
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



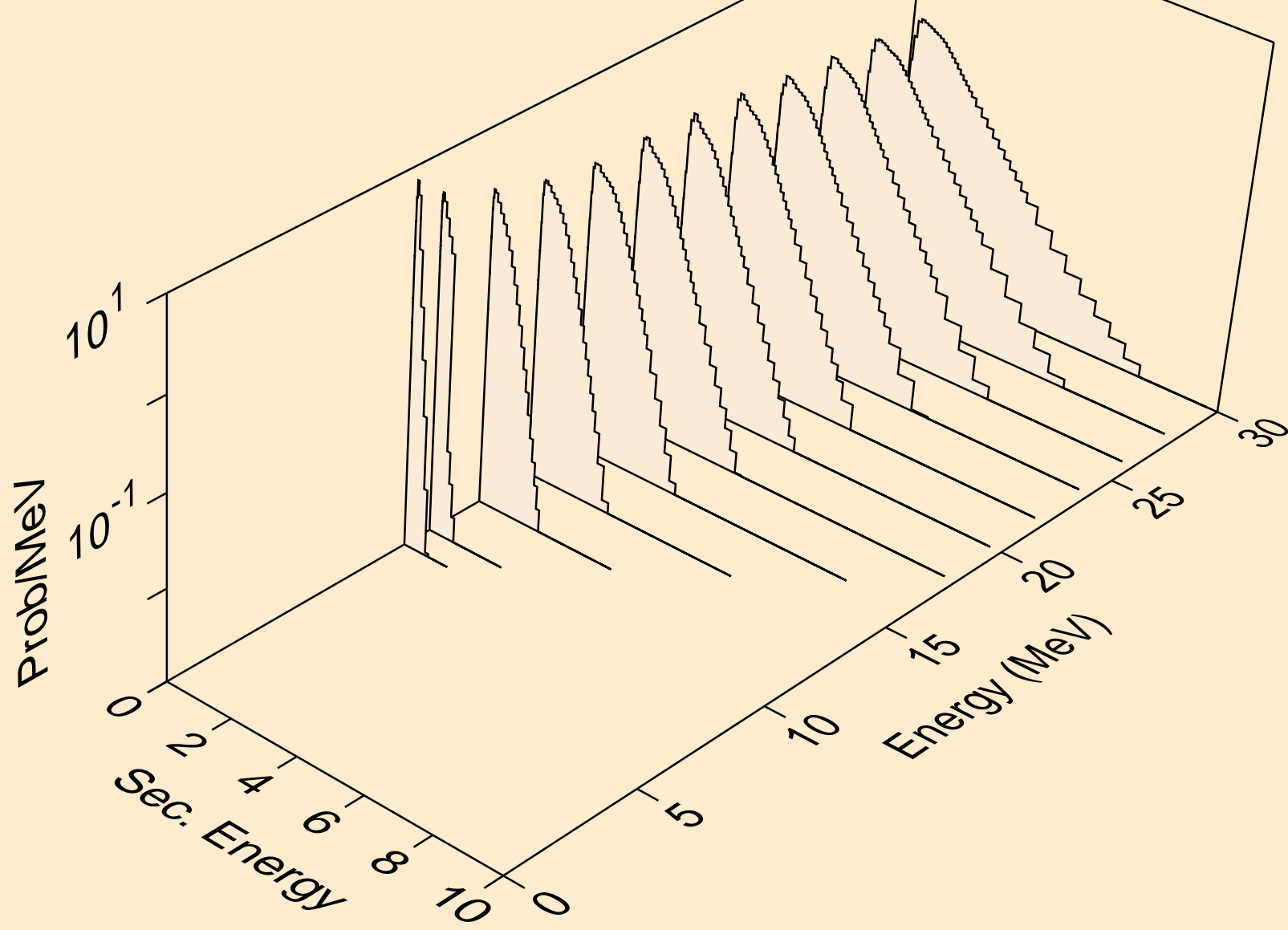
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



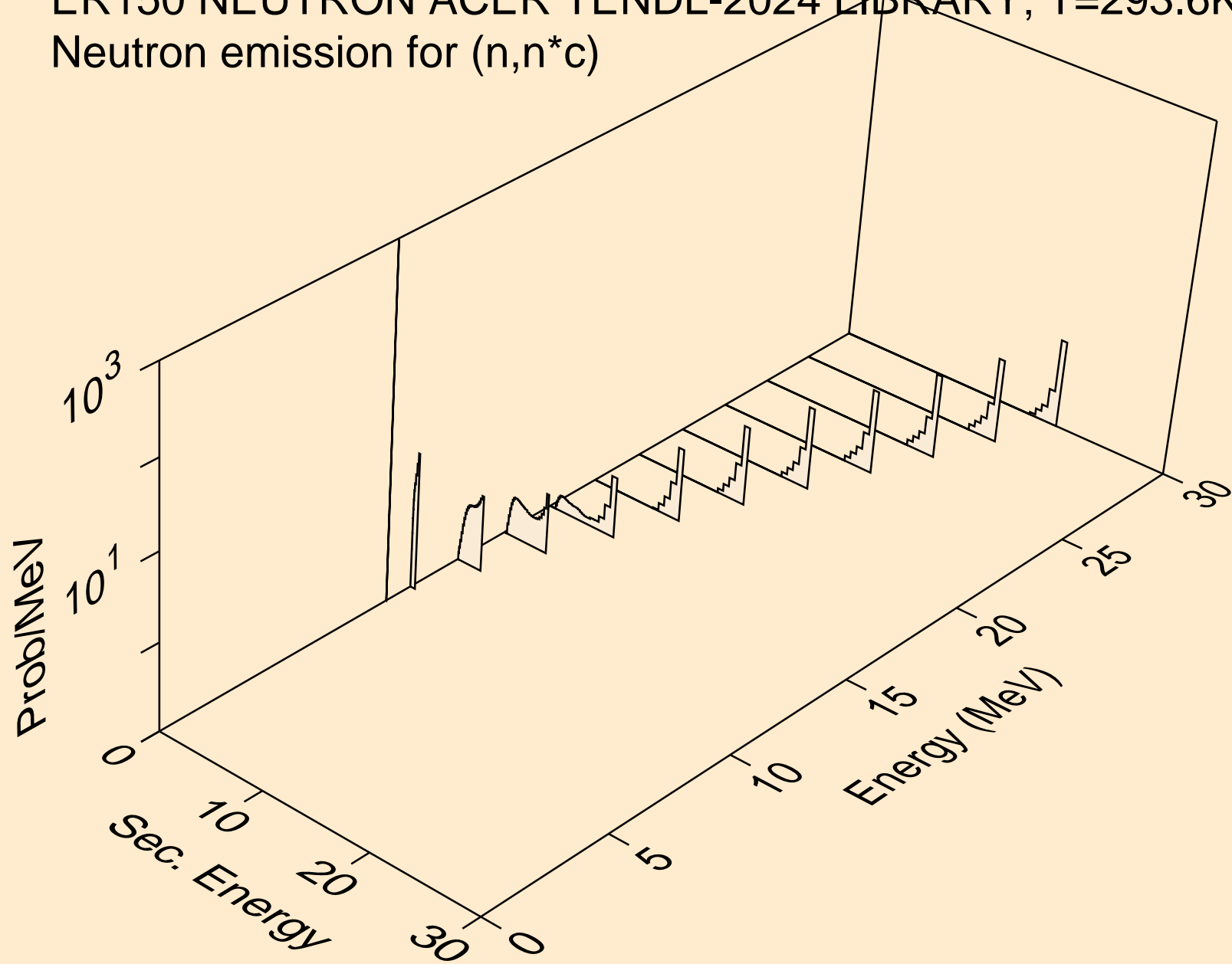
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



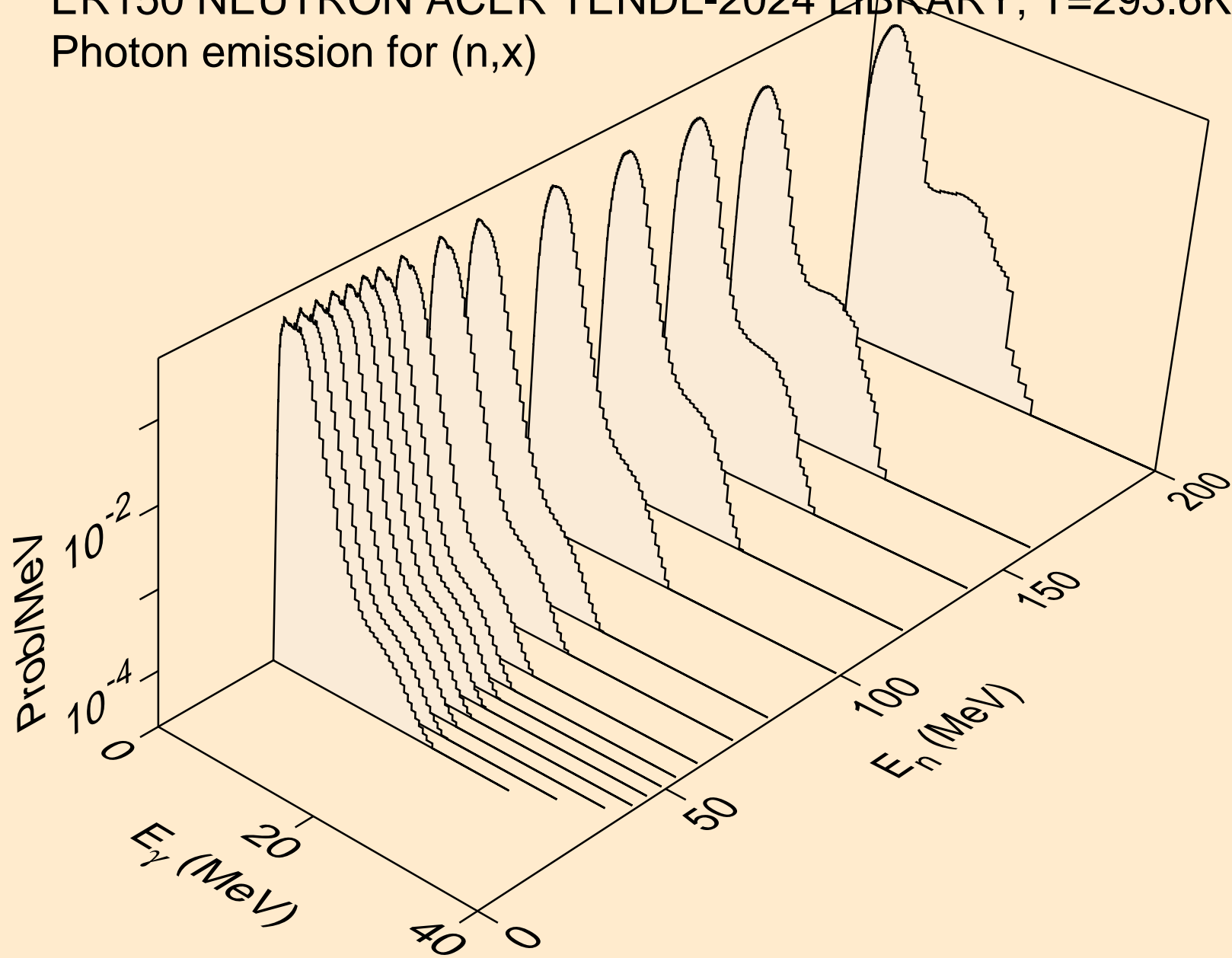
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



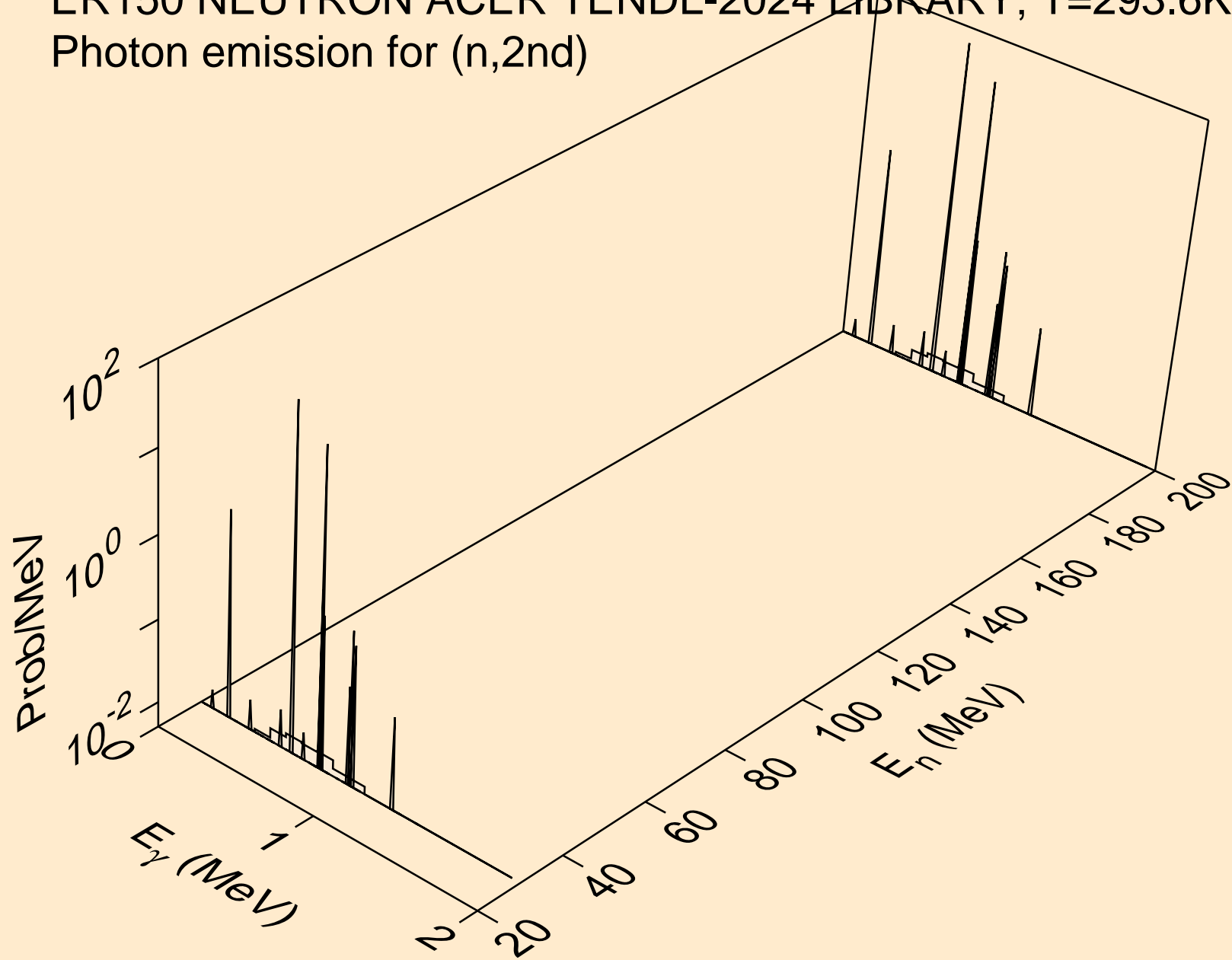
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)

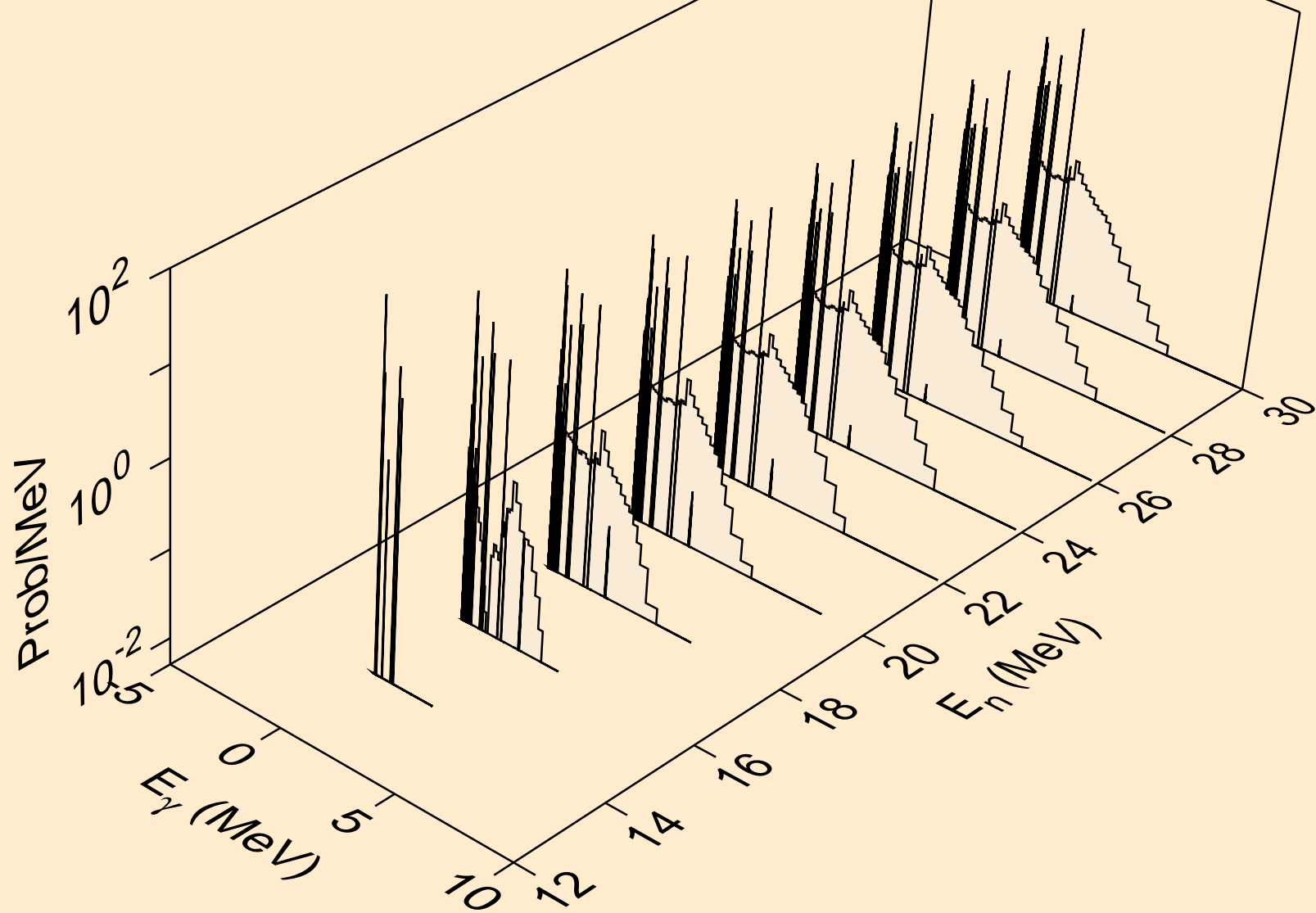


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

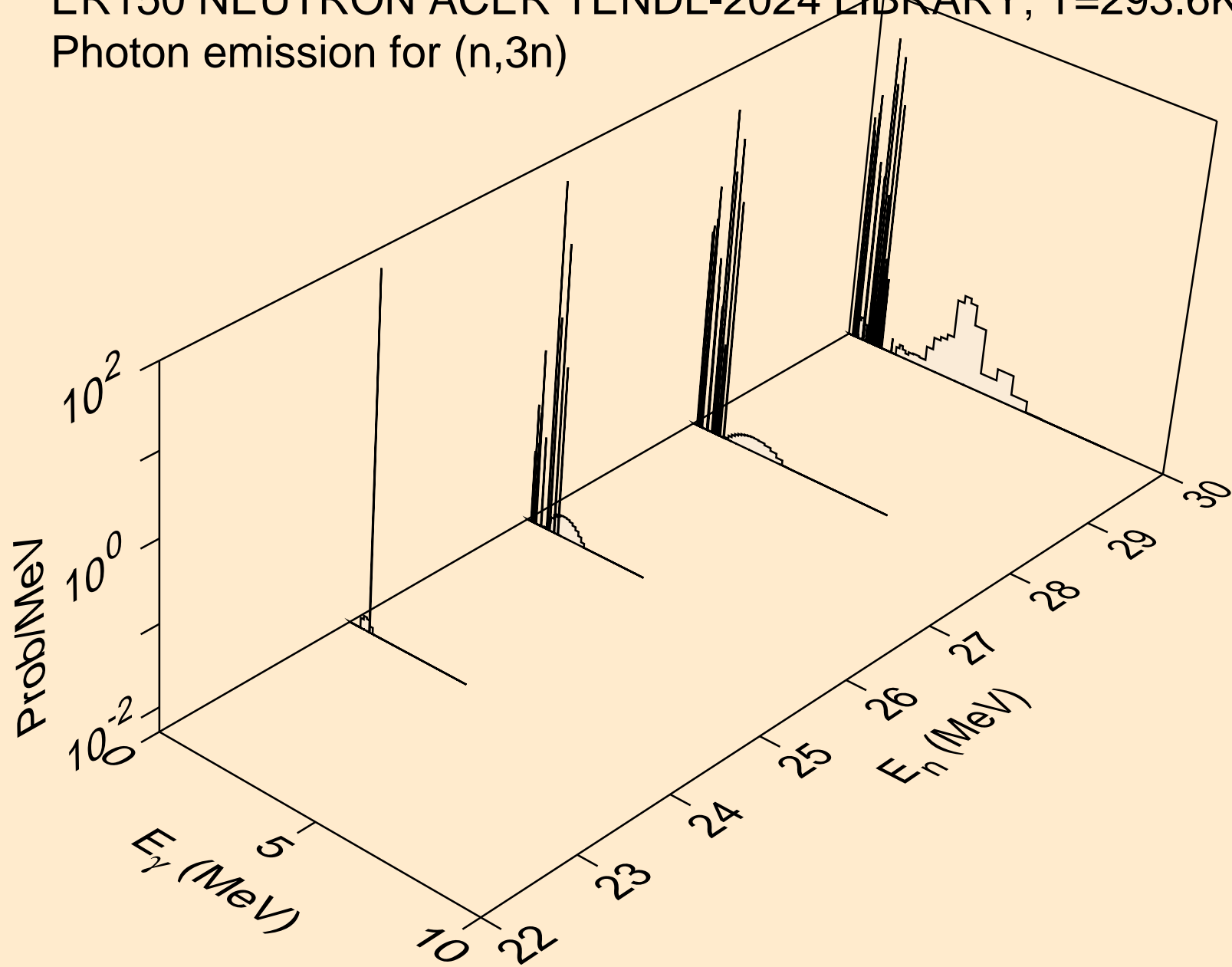




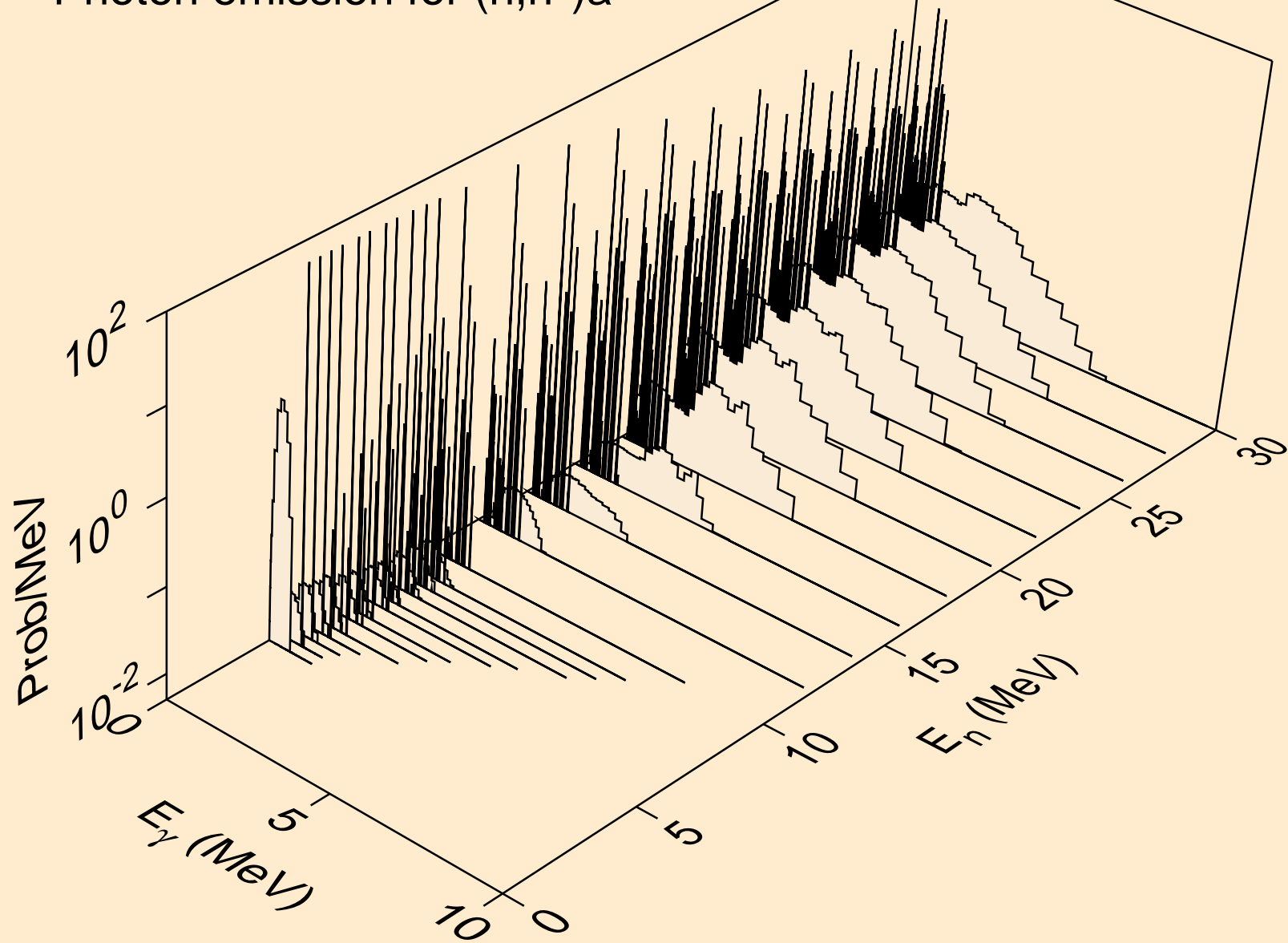
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



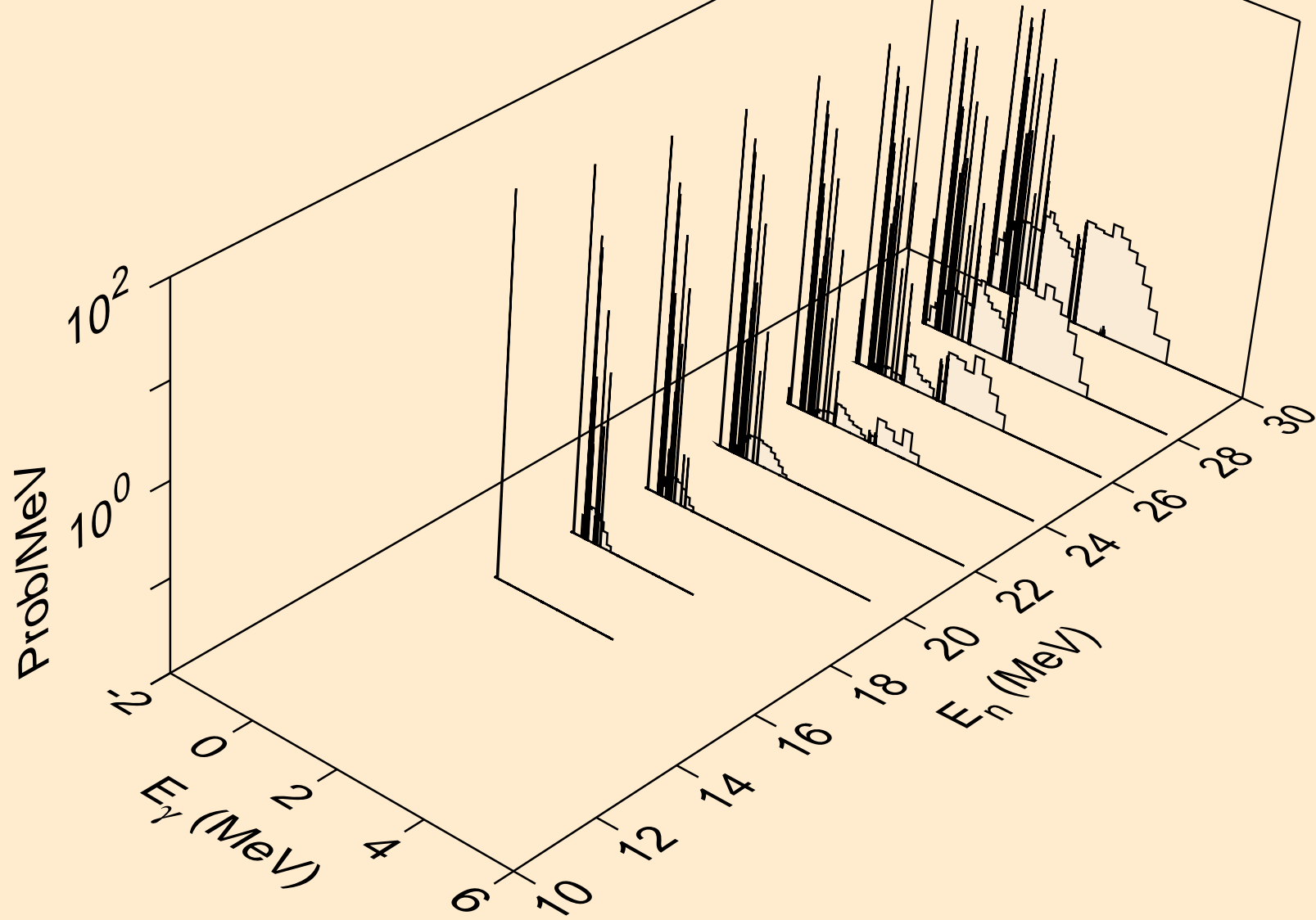
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



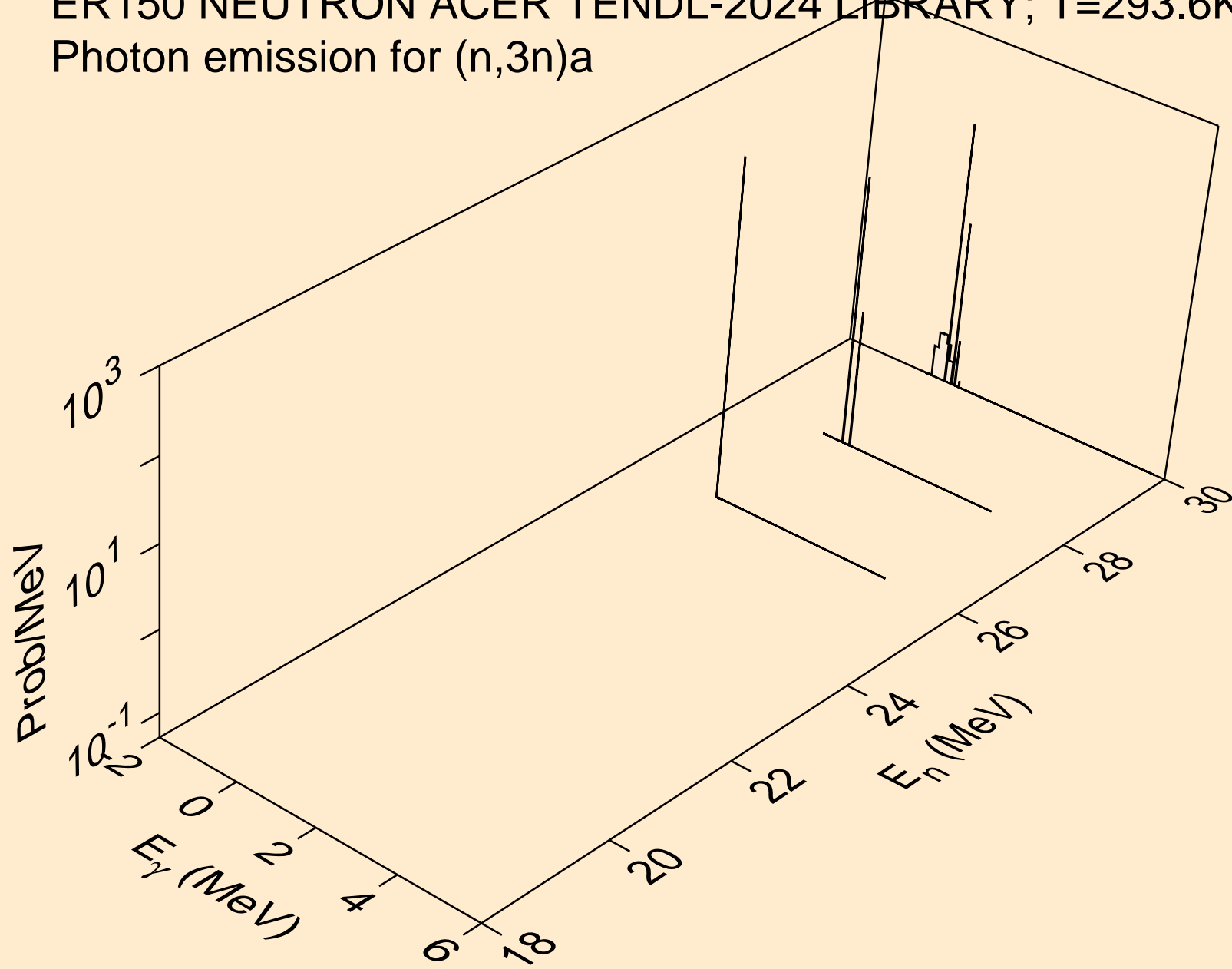
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



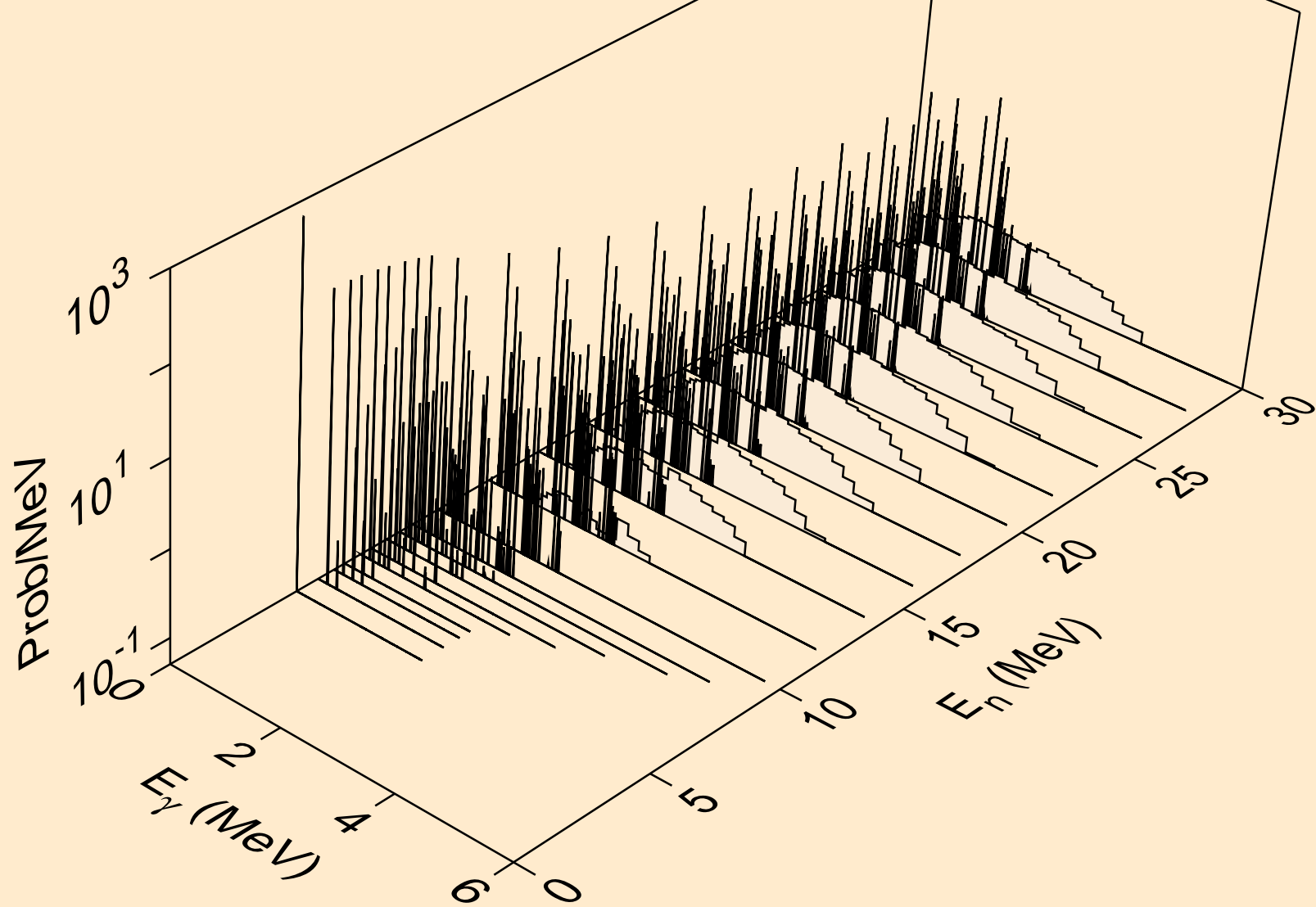
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



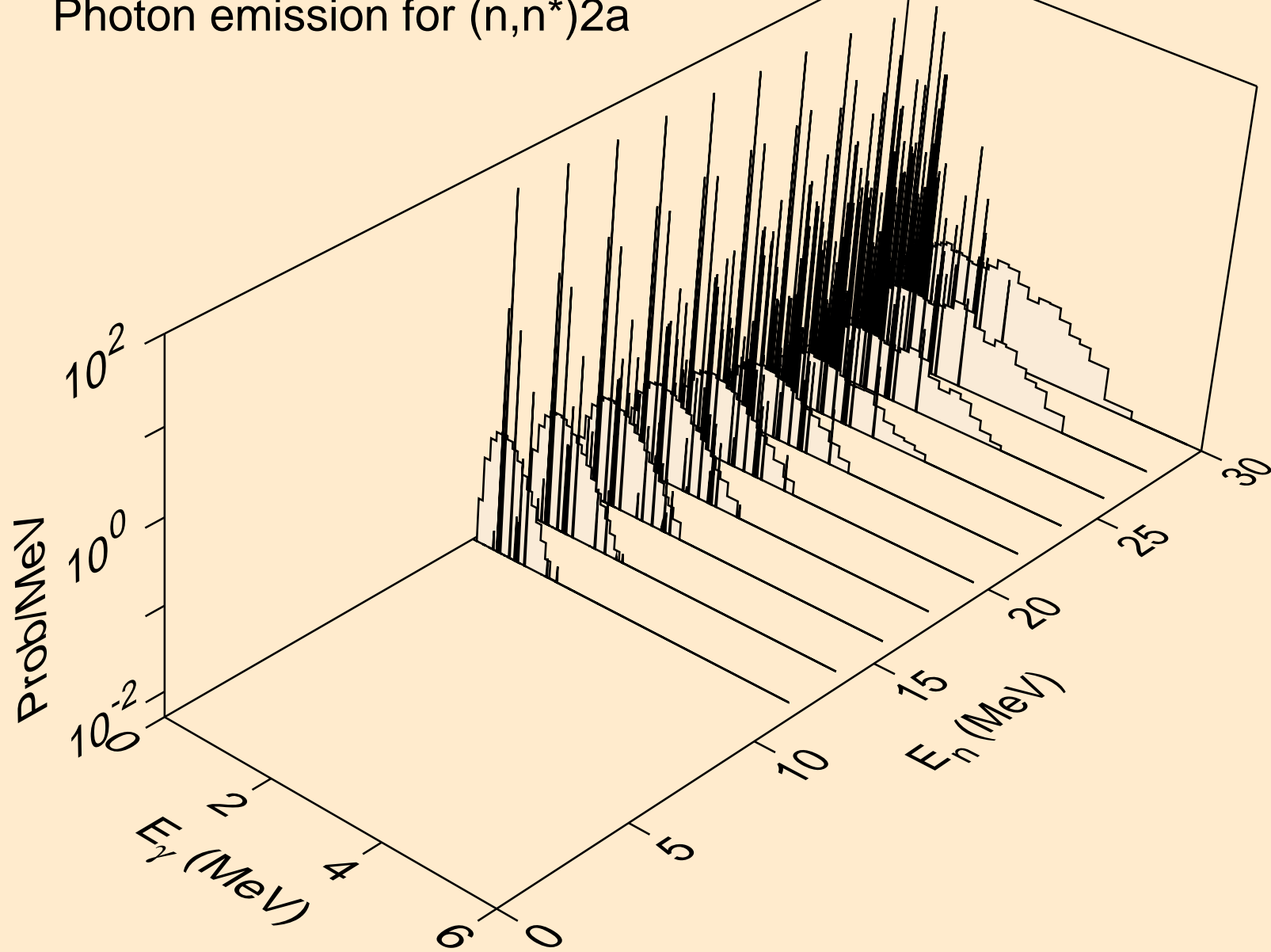
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



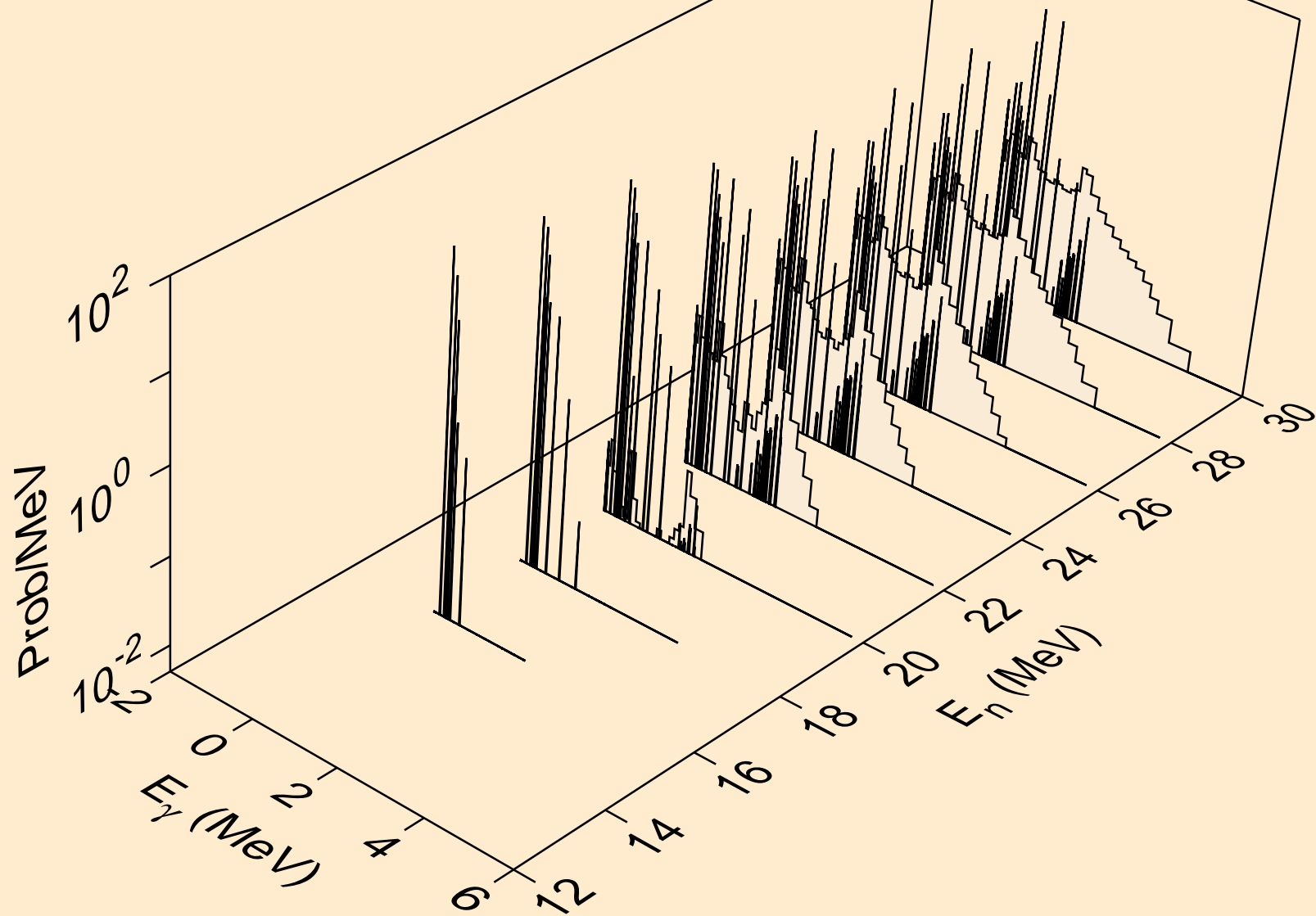
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

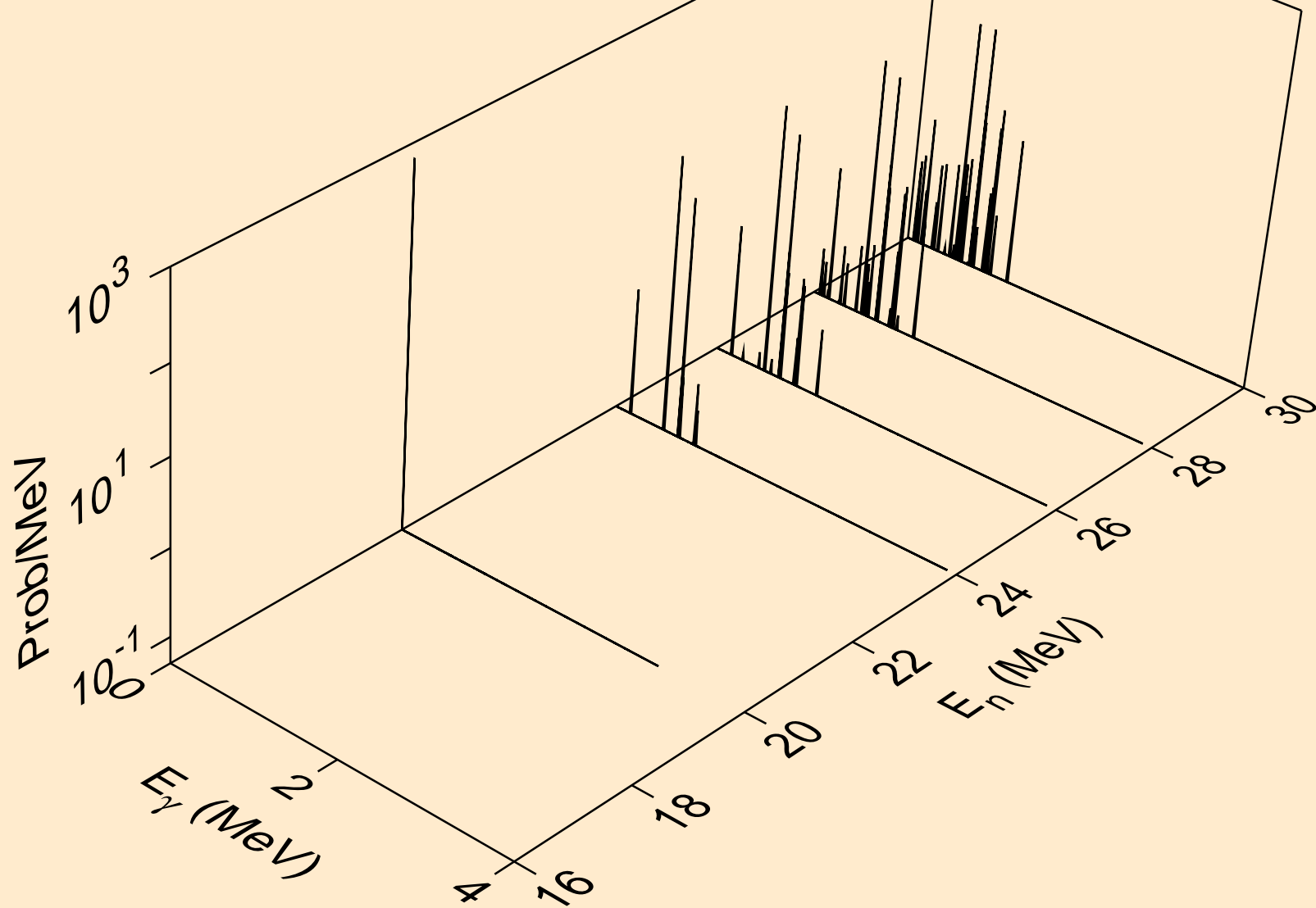


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

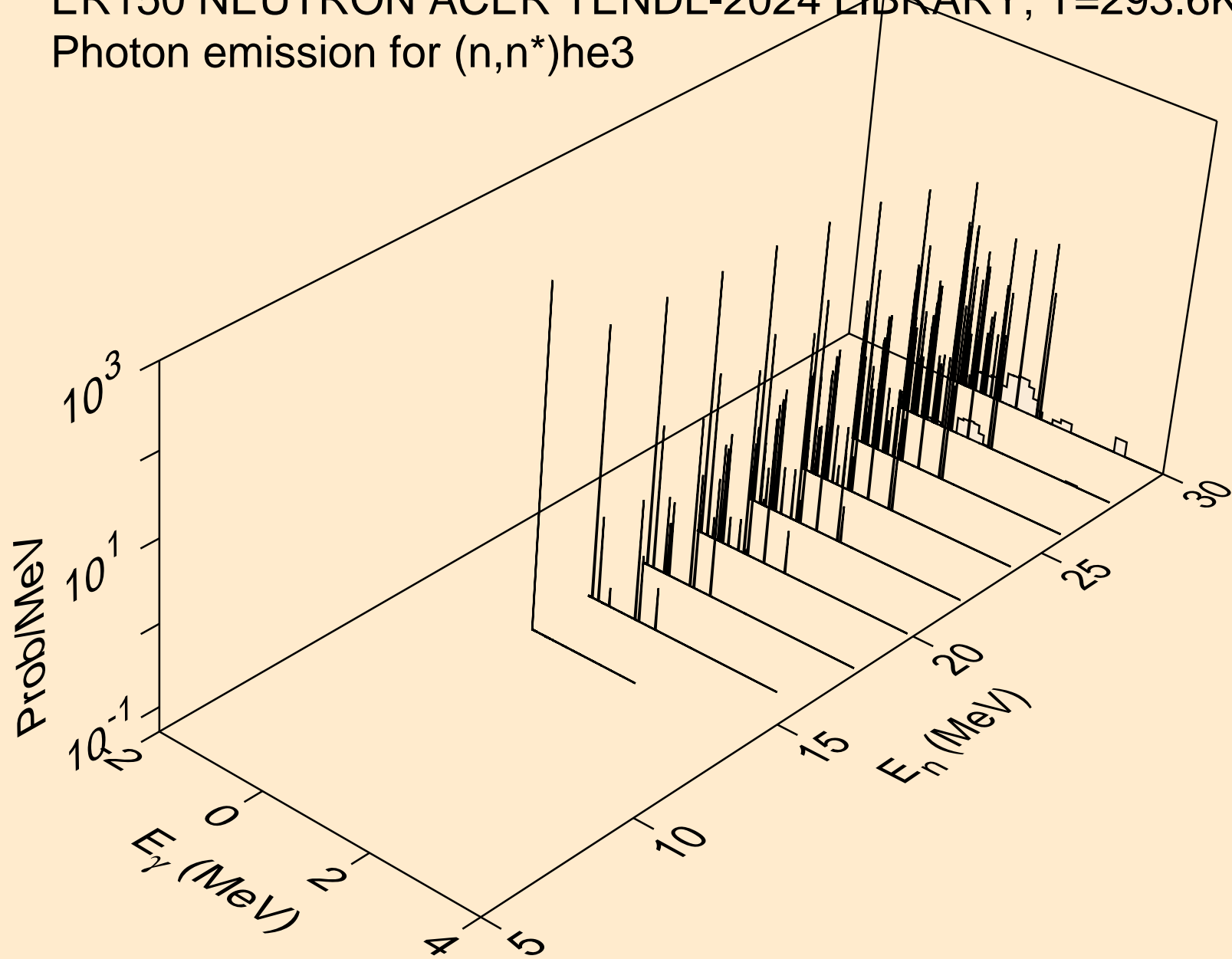




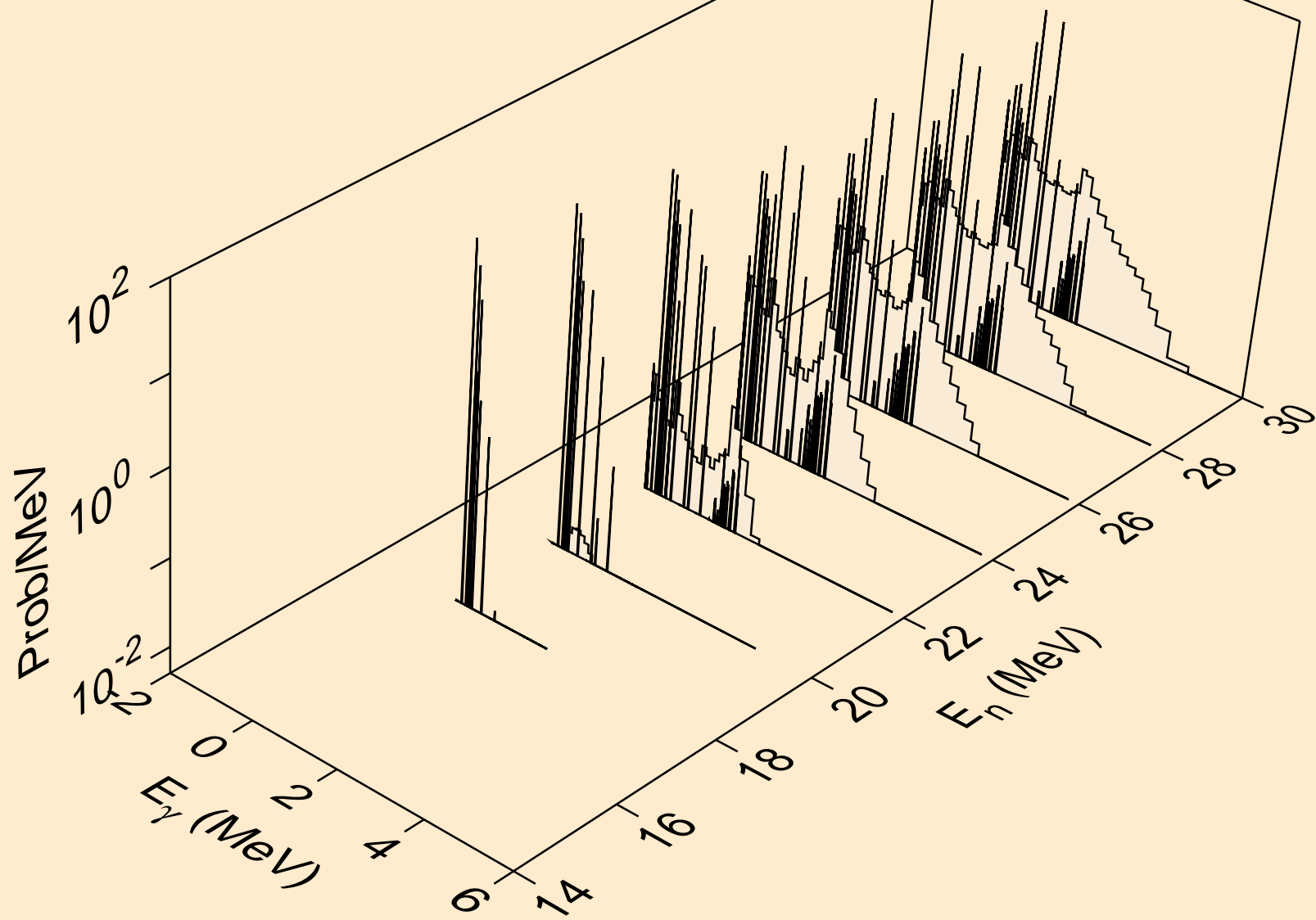
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



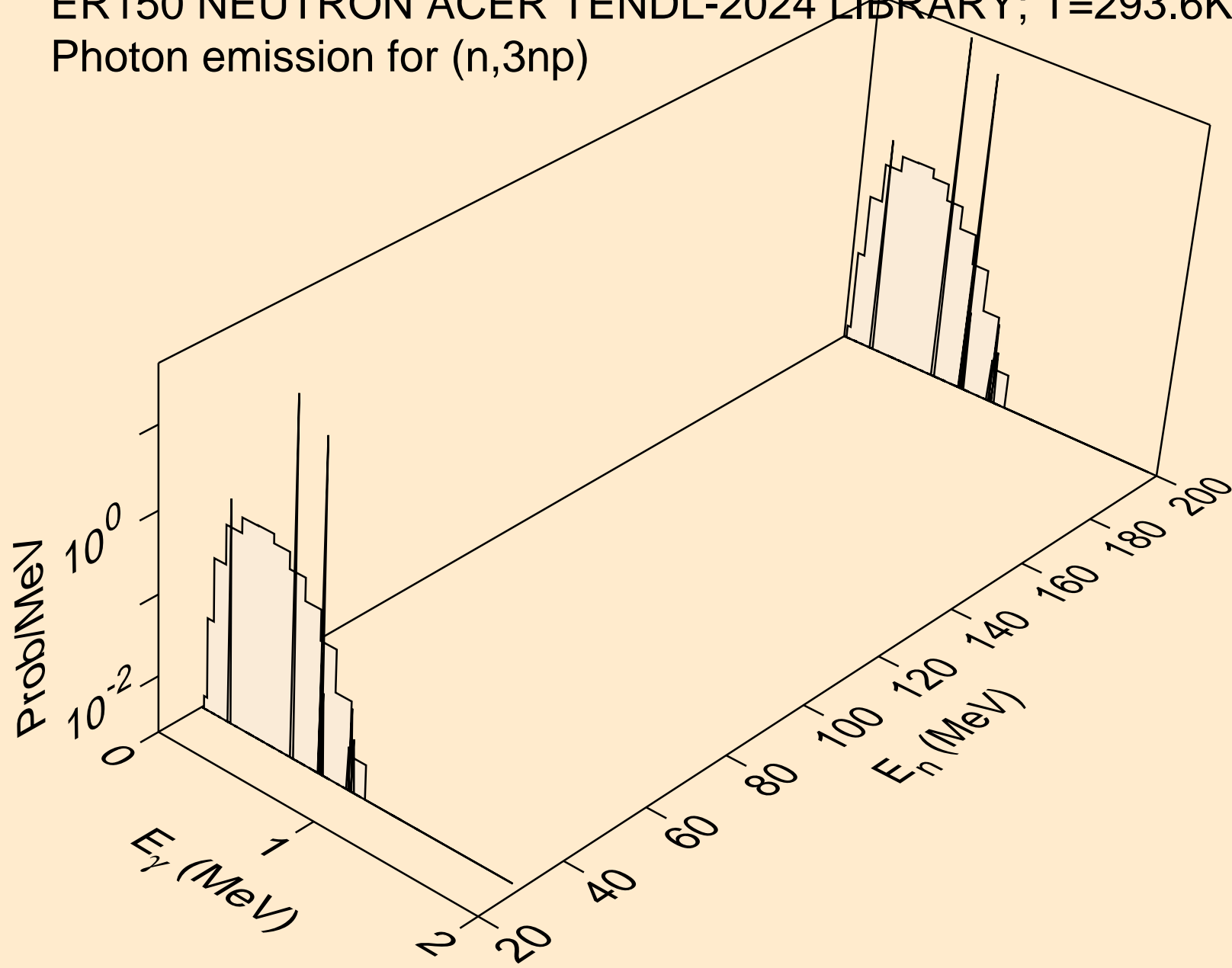
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



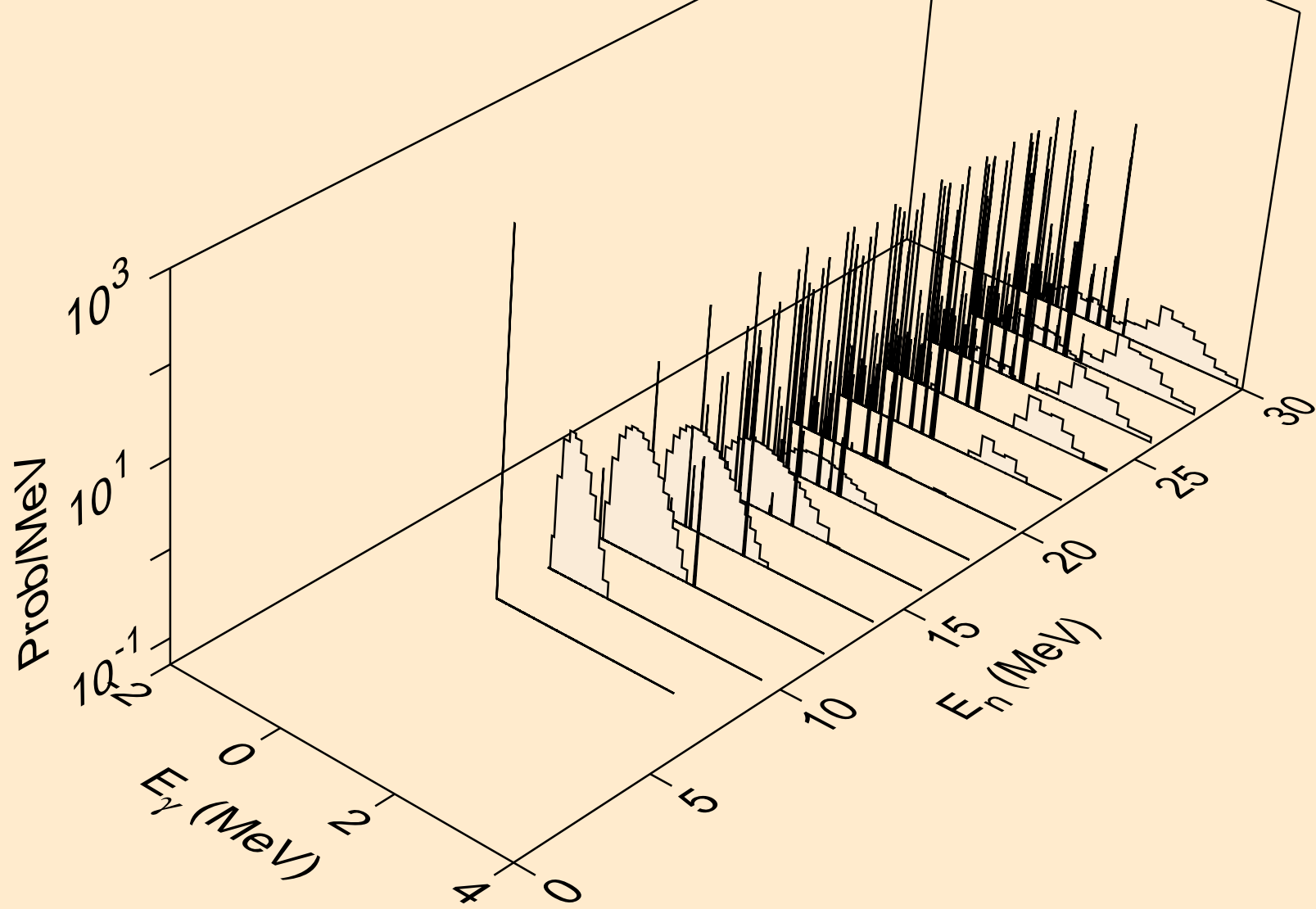
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



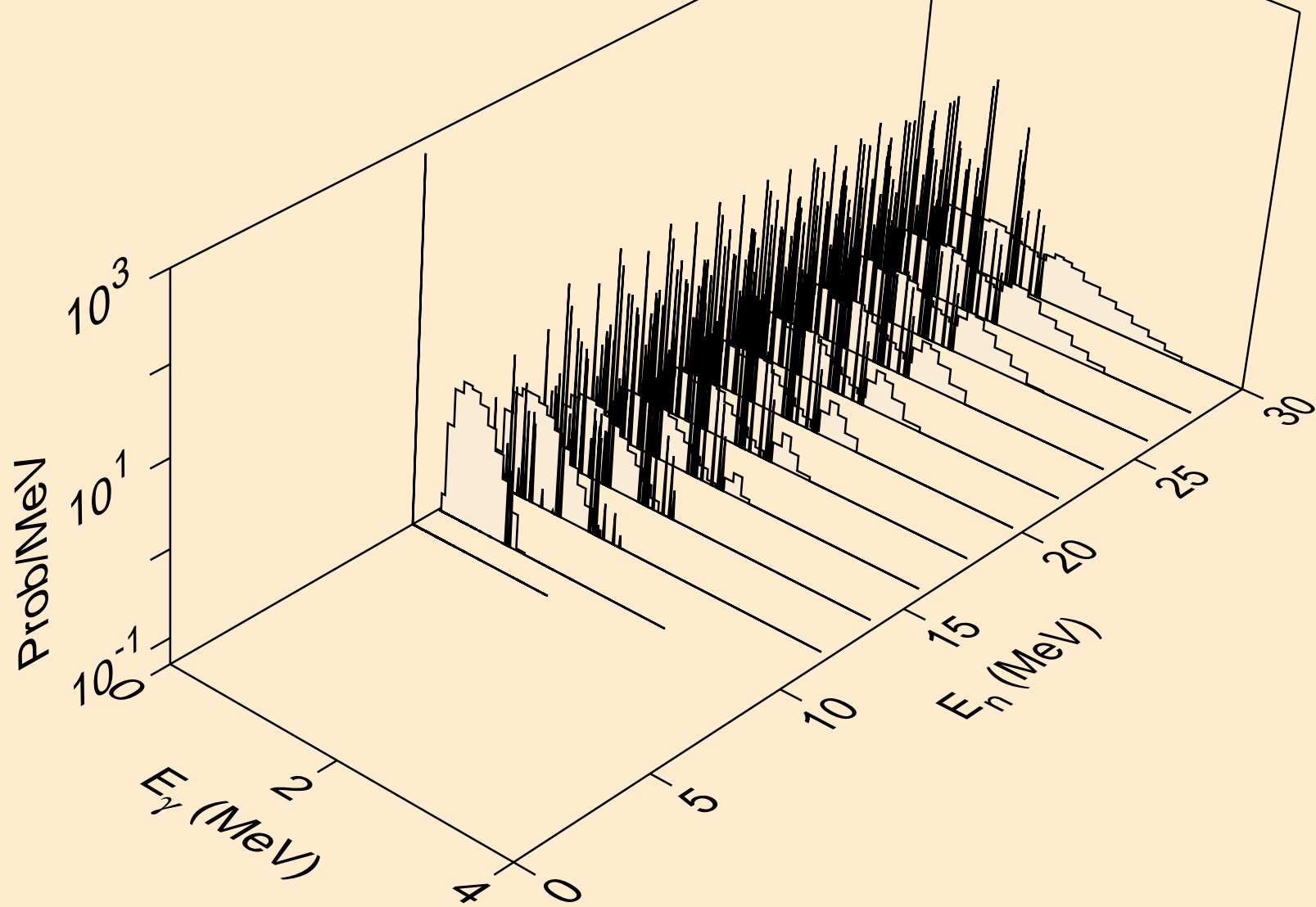
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



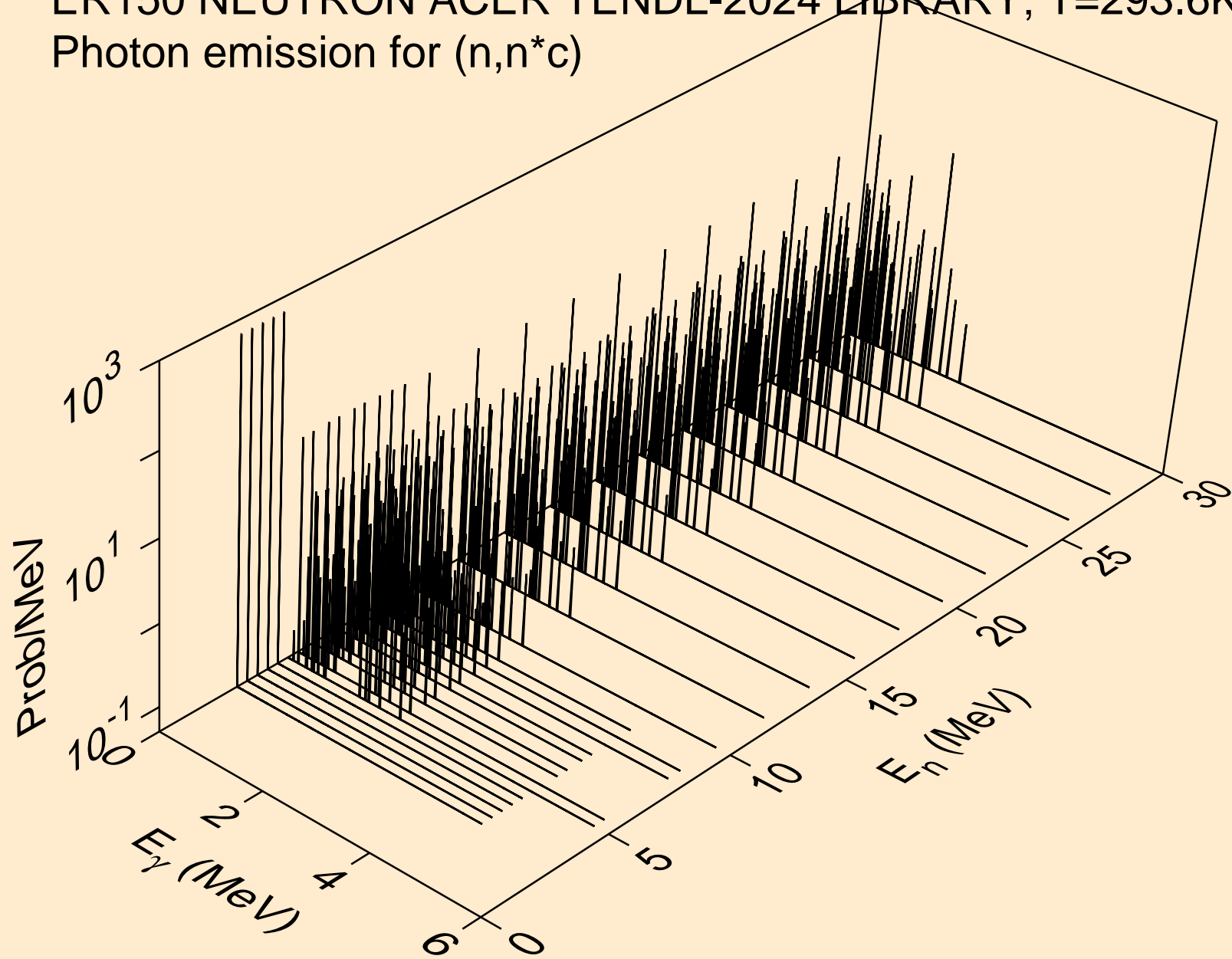
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



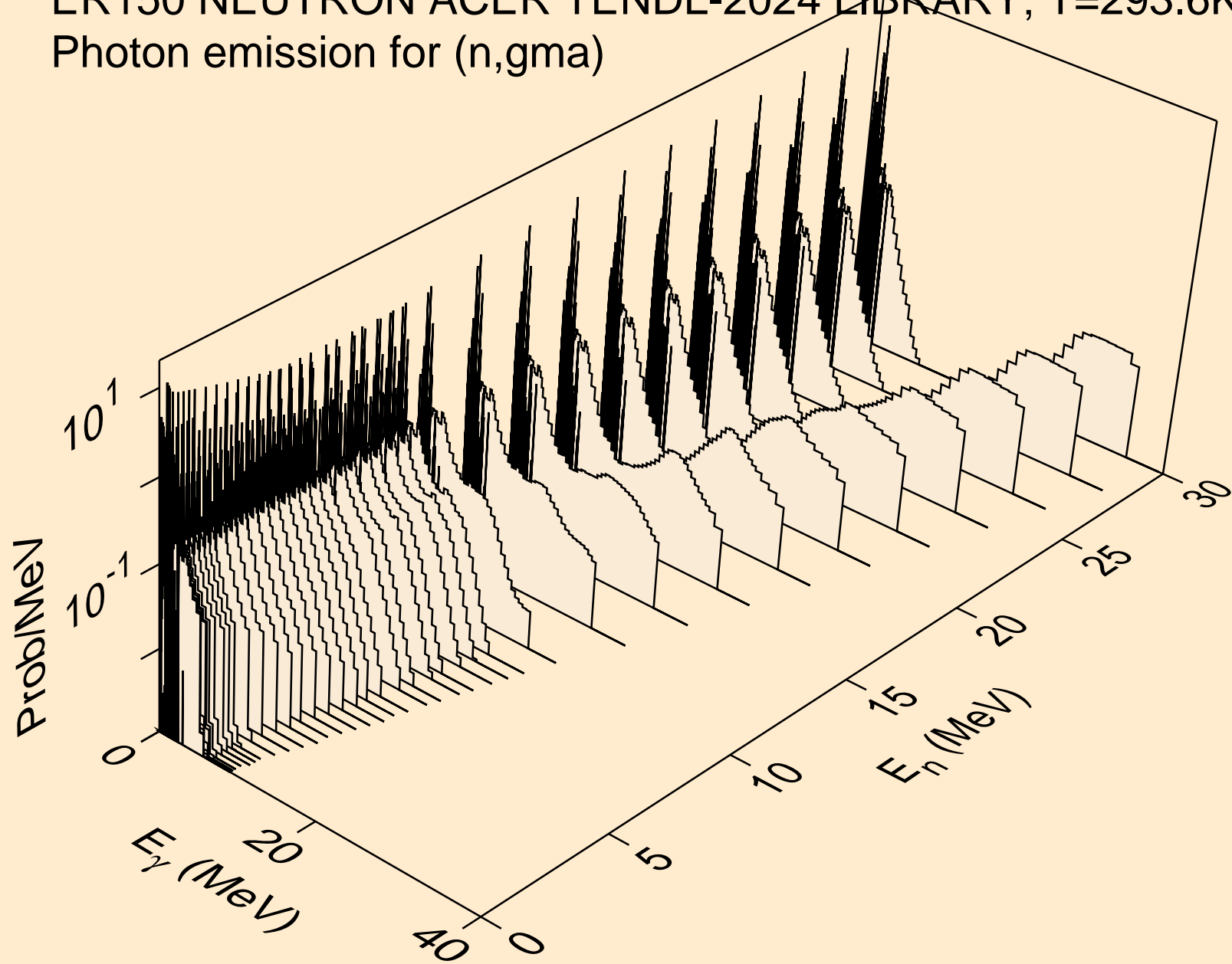
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

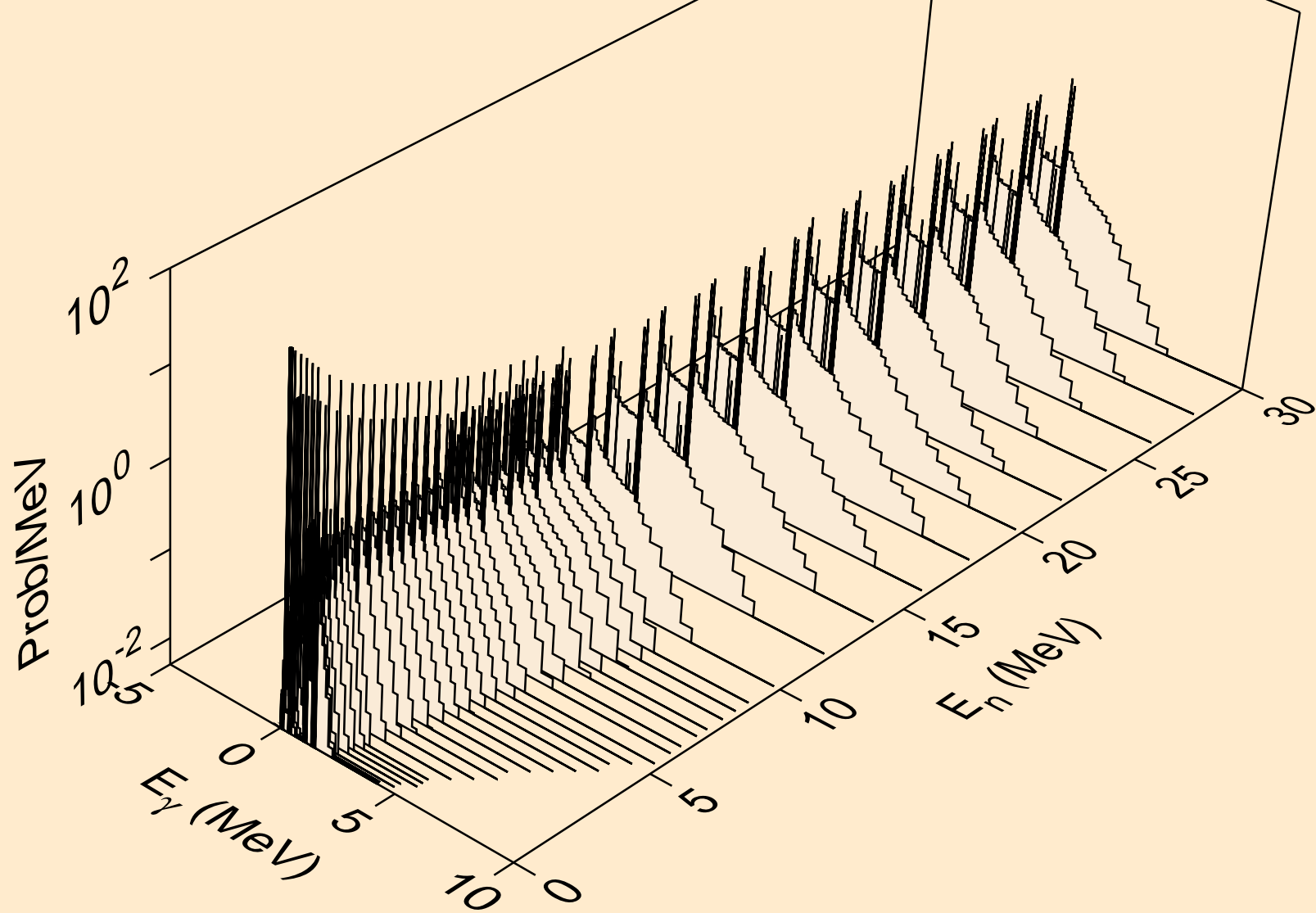


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)

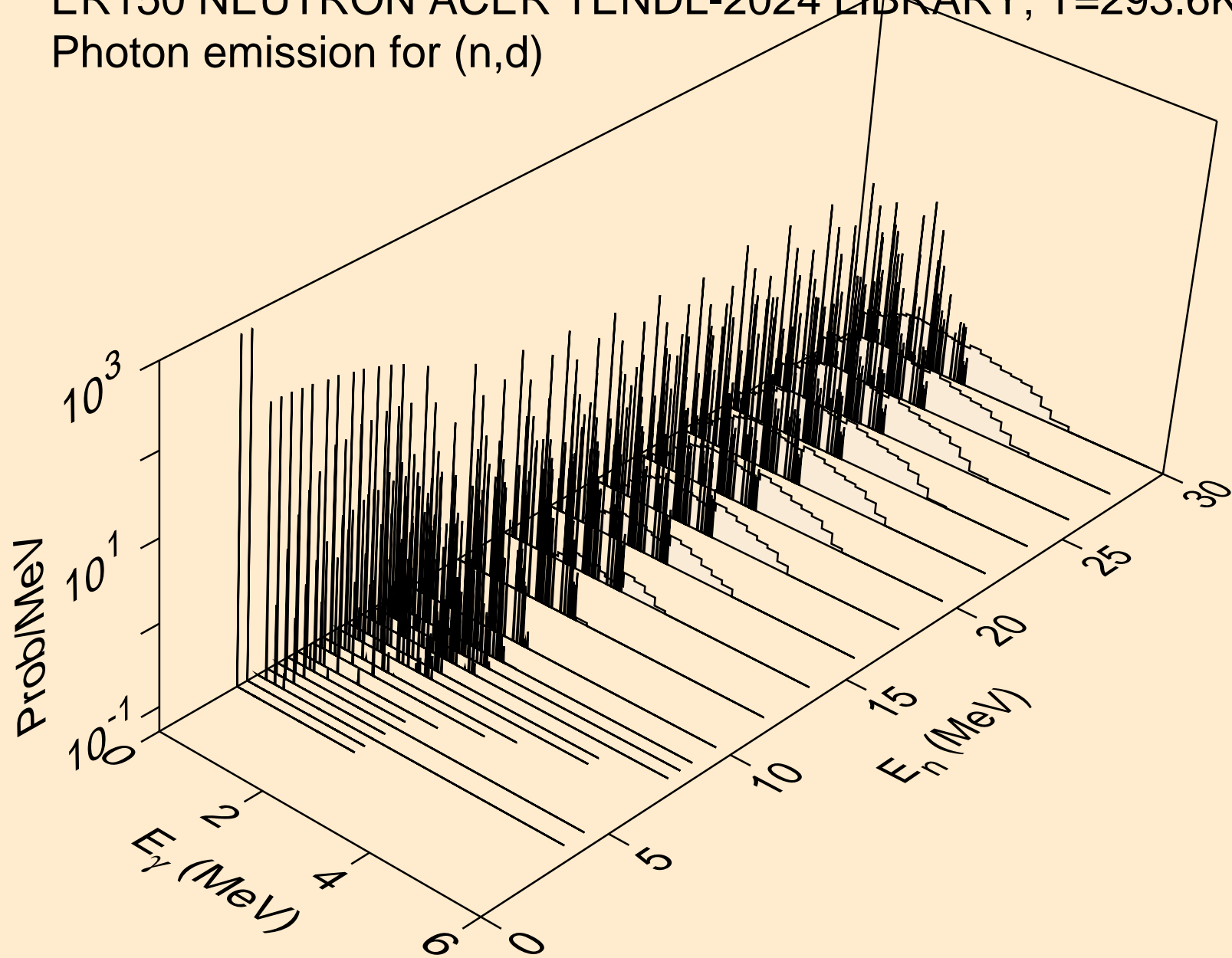




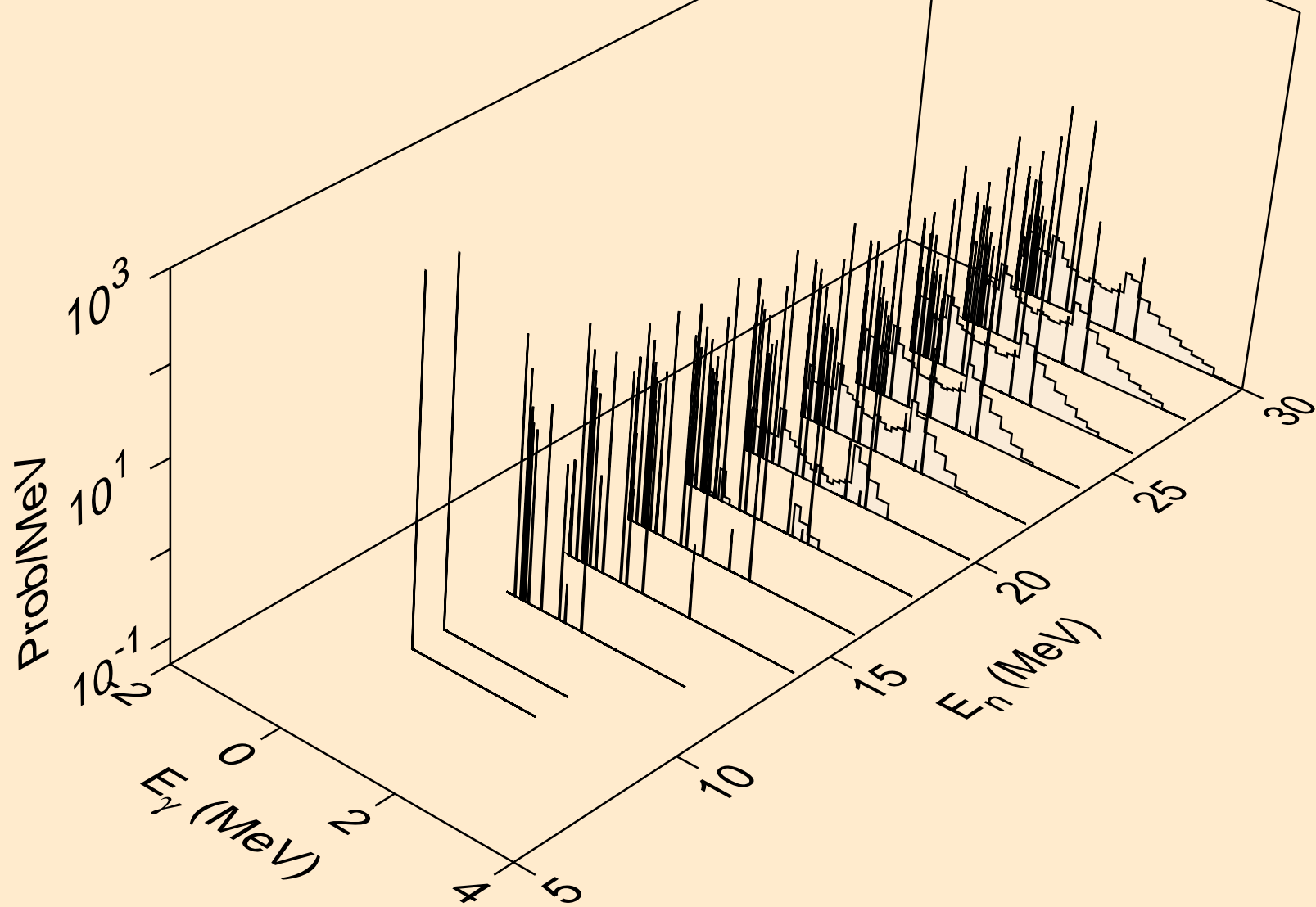
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



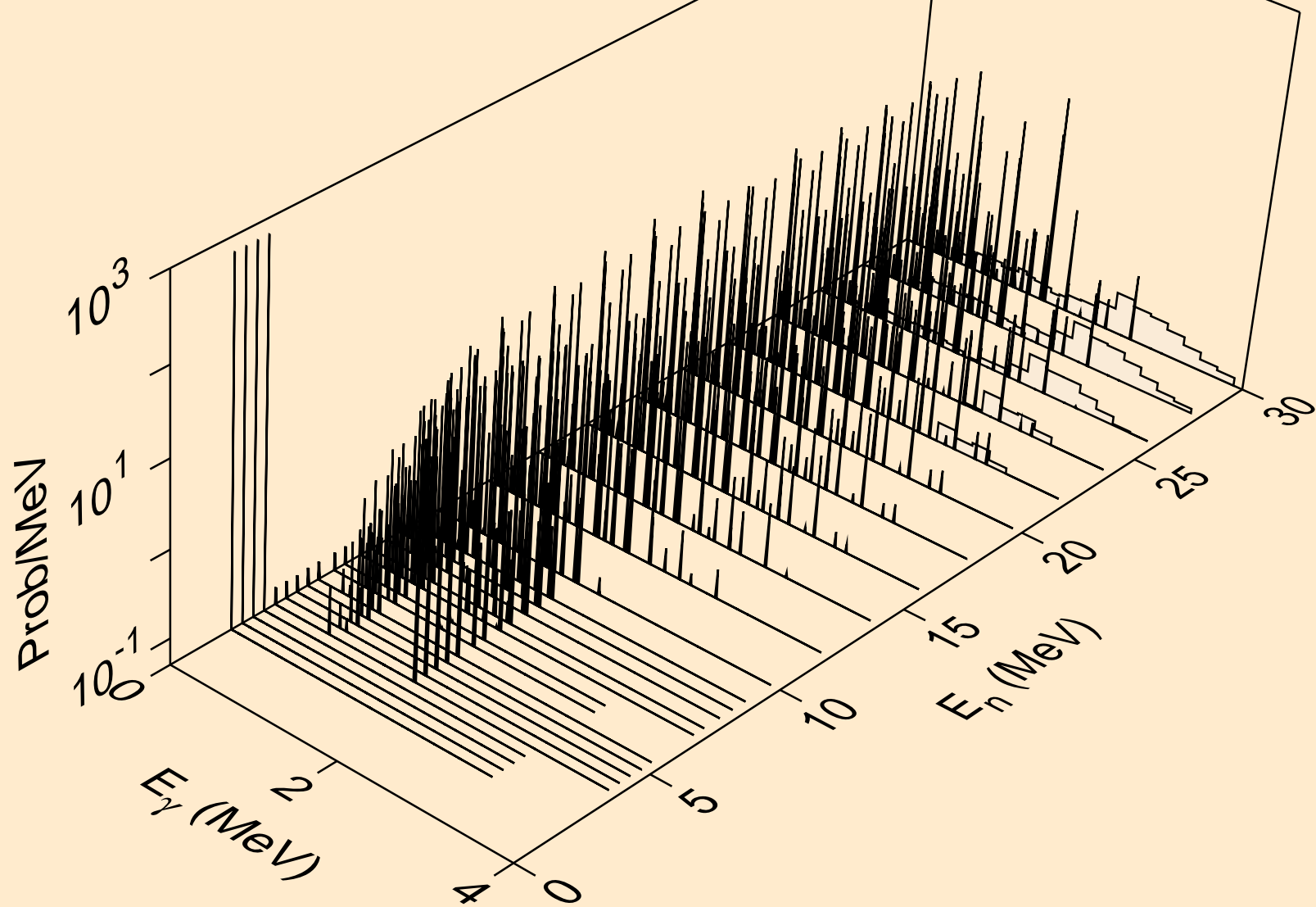
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



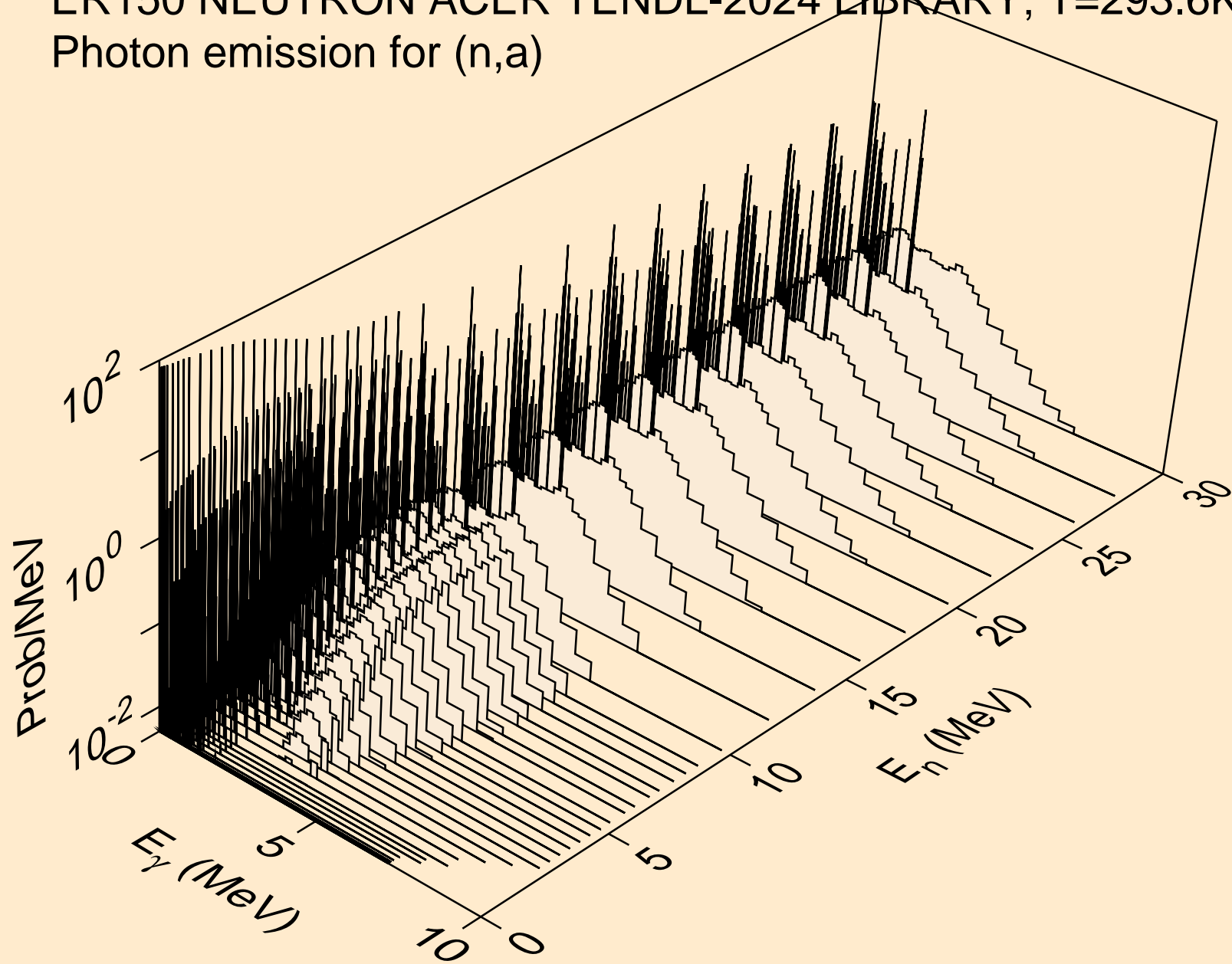
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



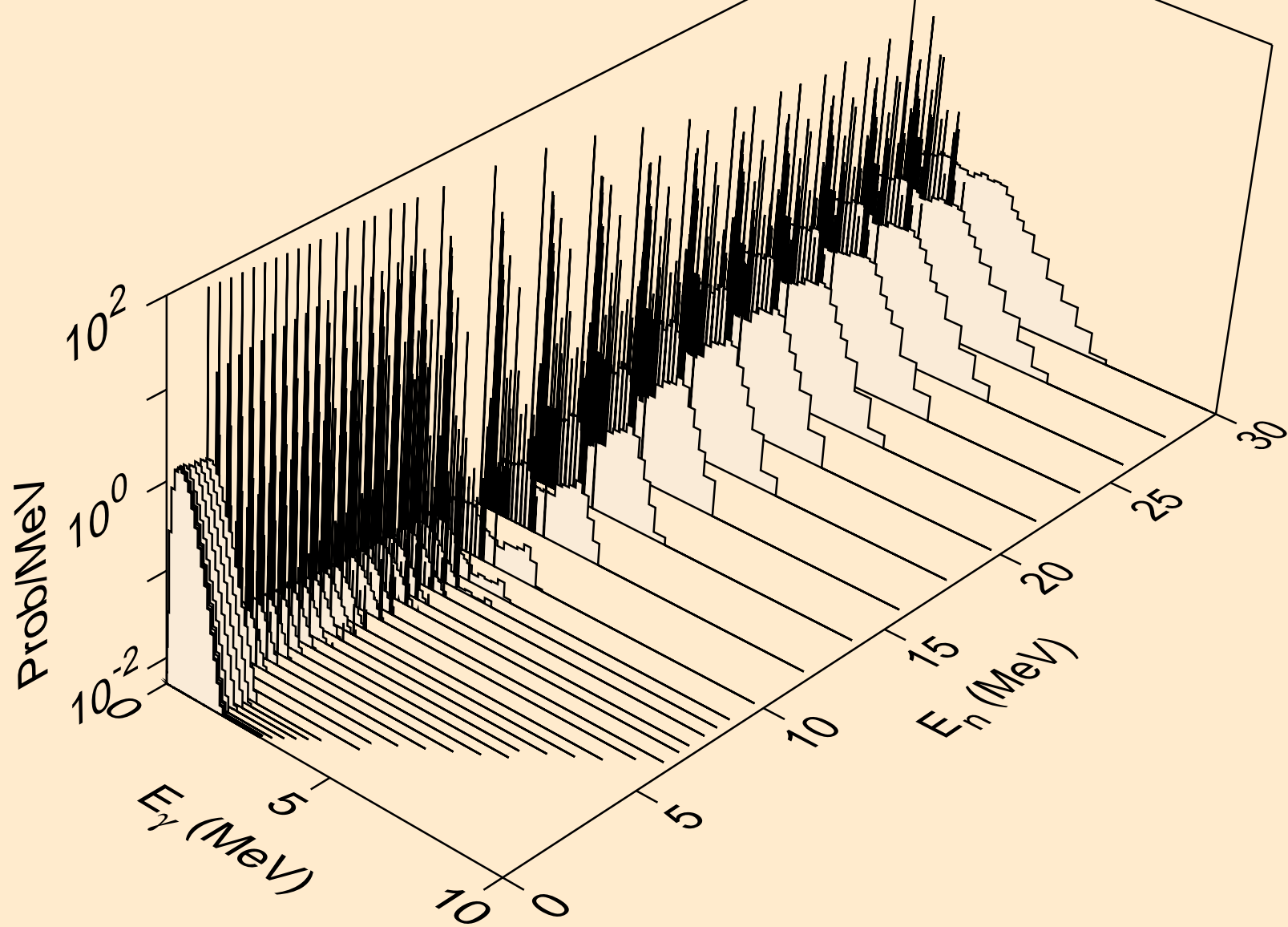
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



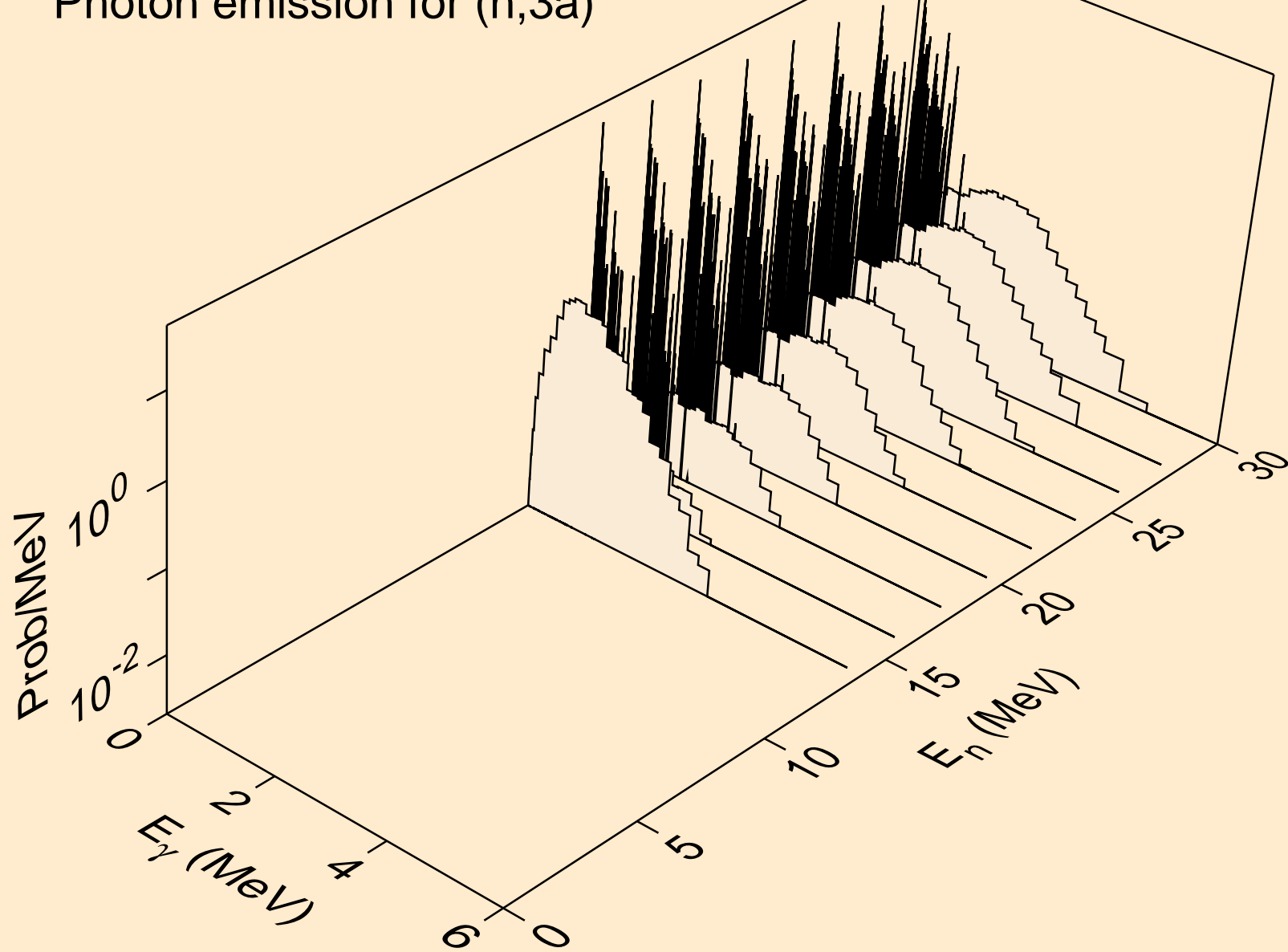
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



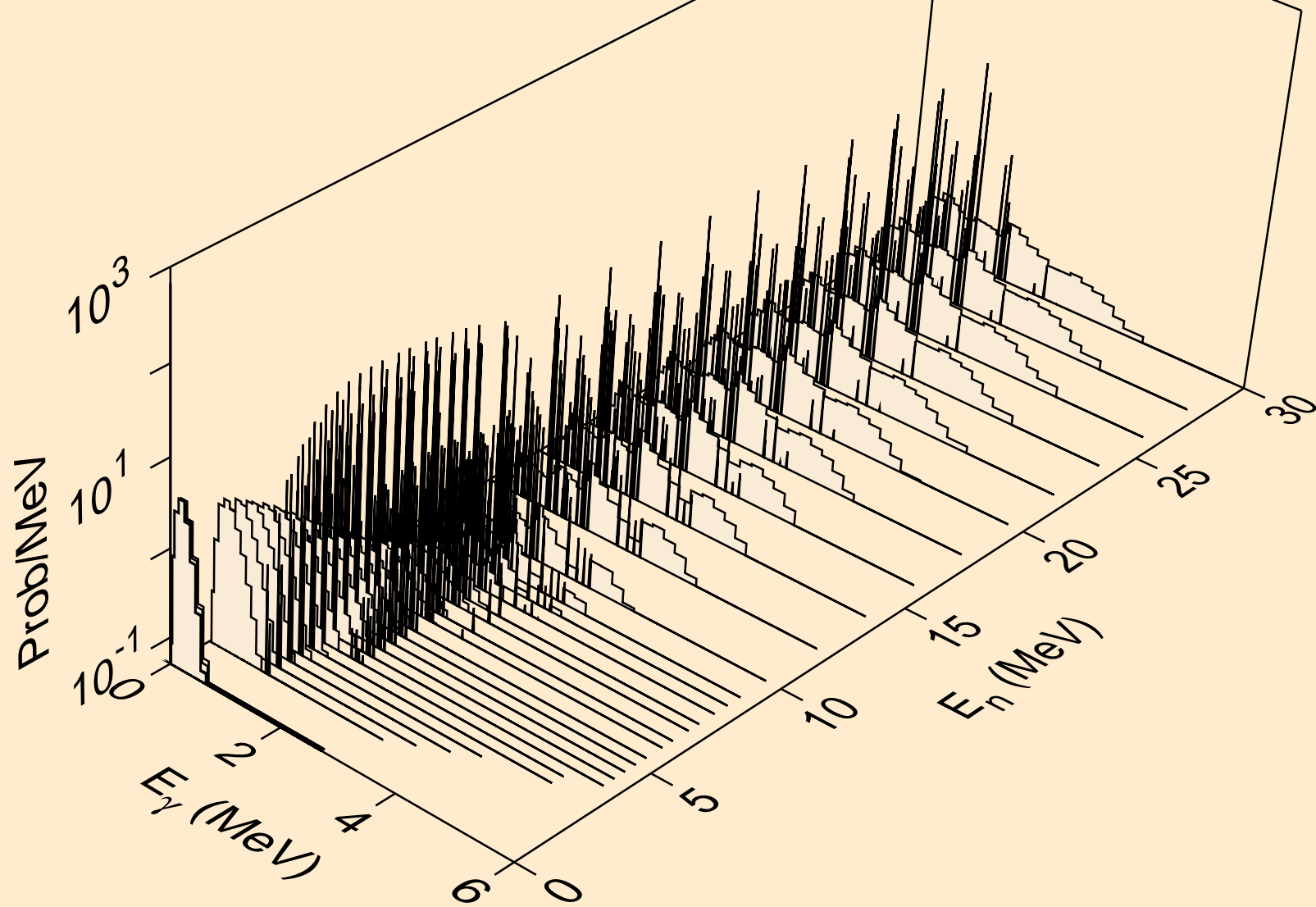
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)

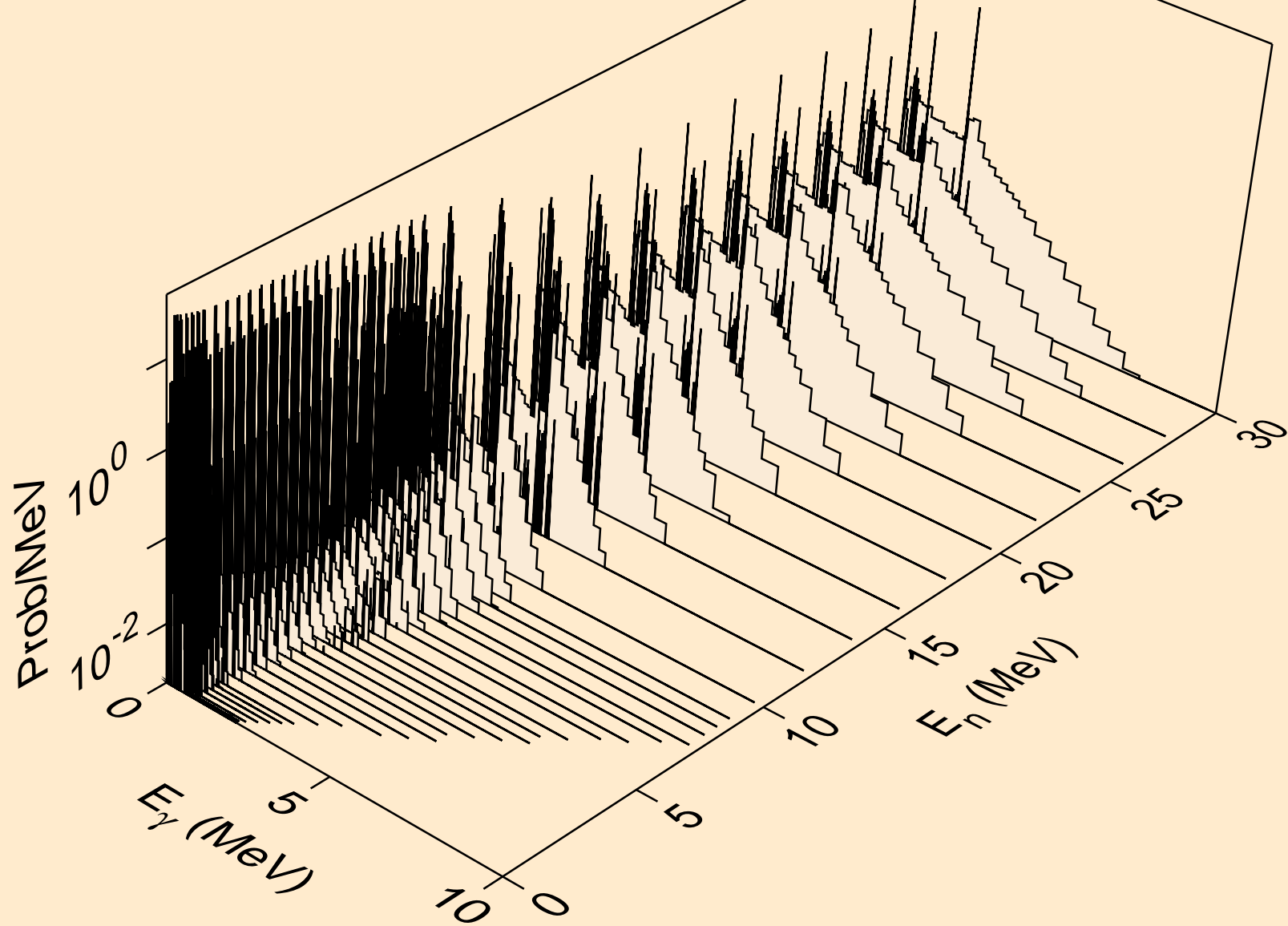


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)

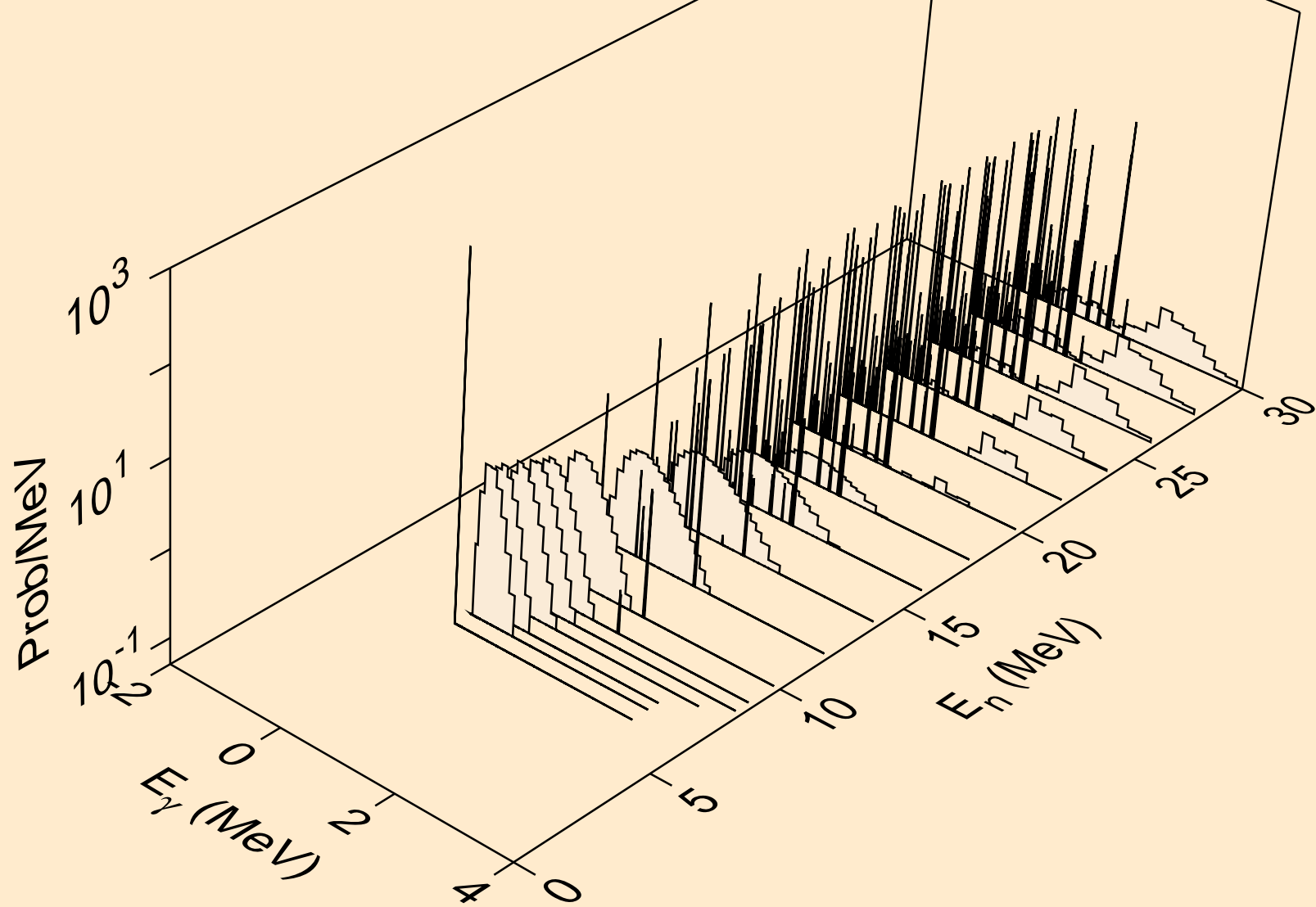




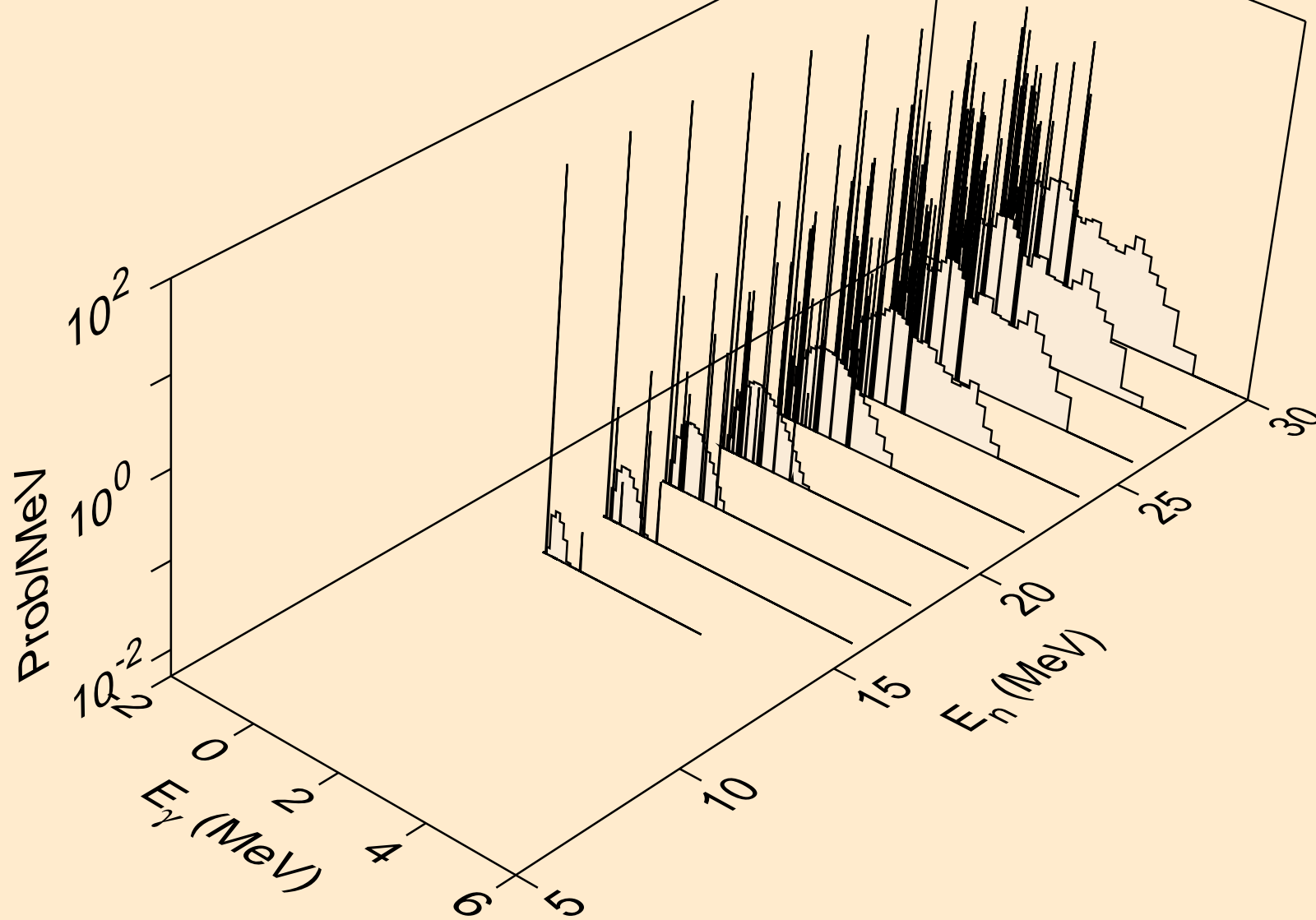
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



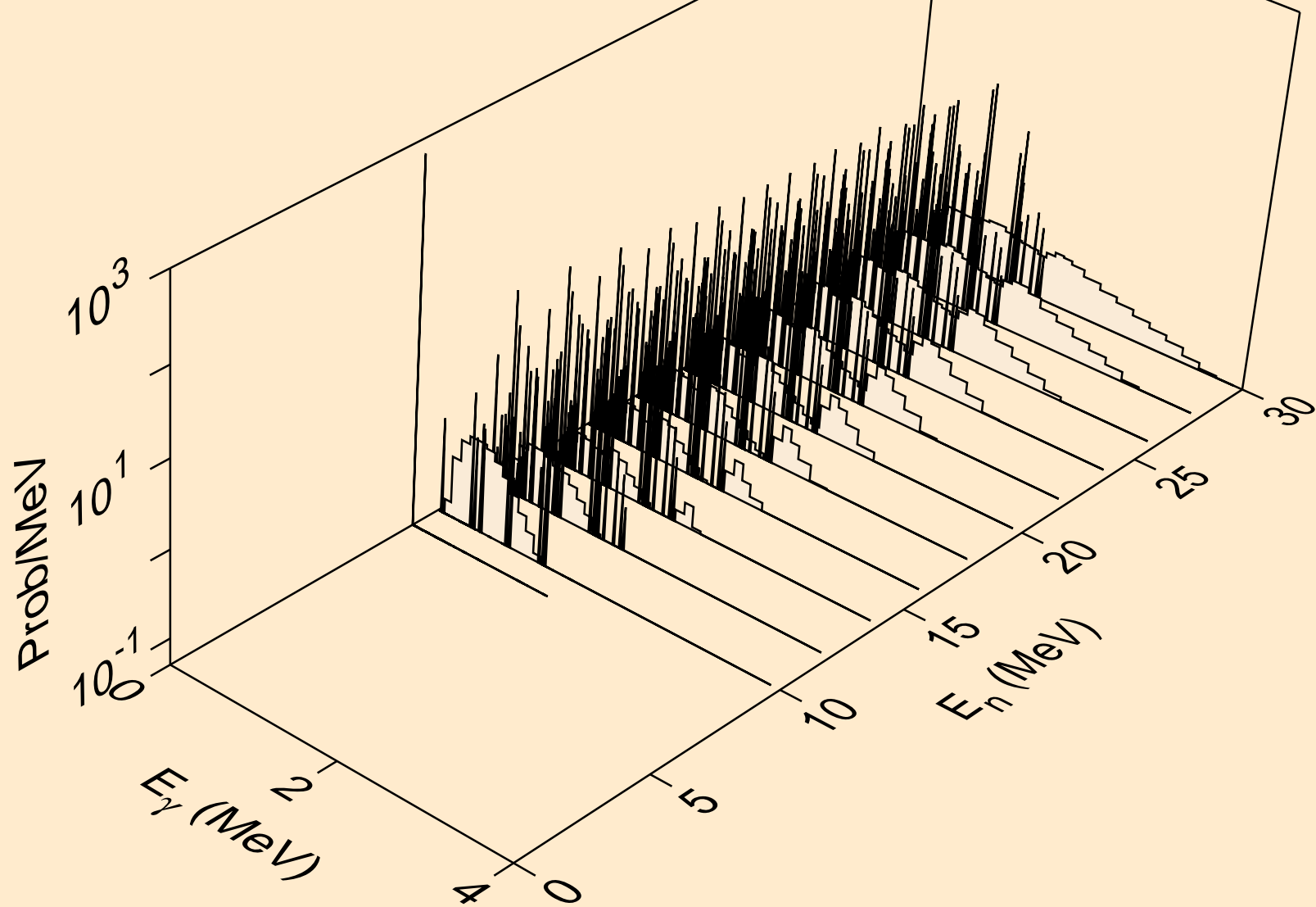
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



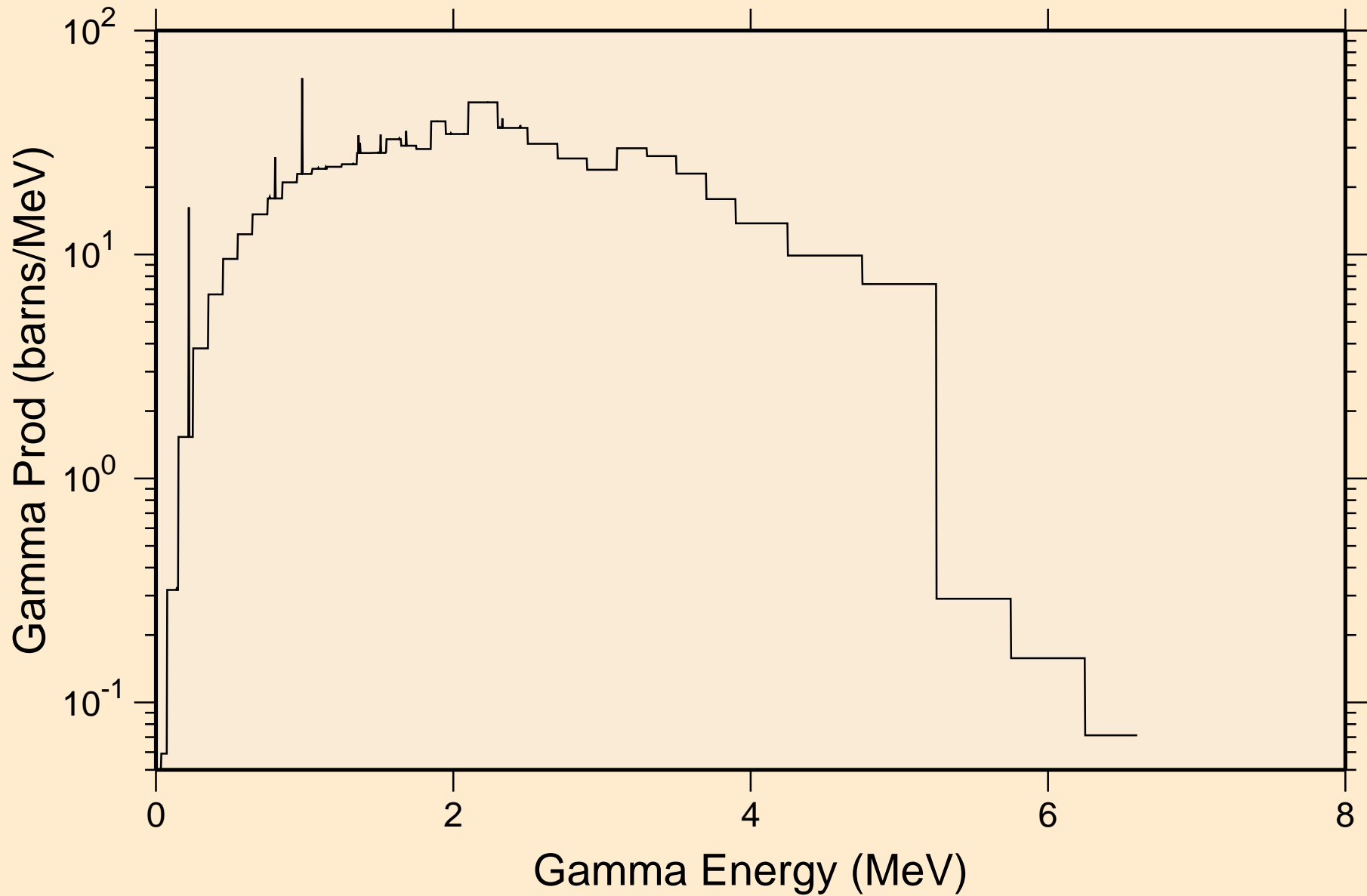
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



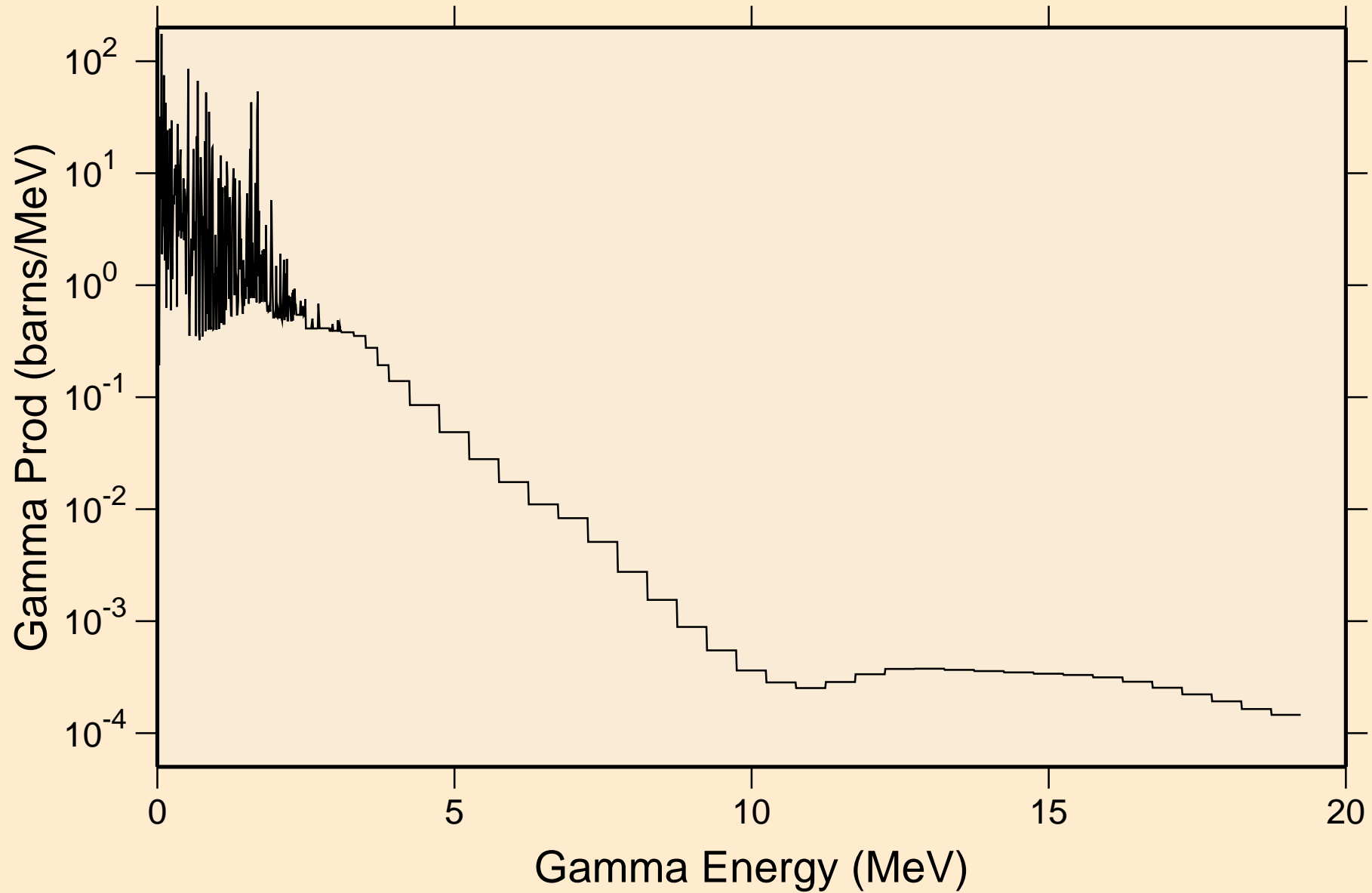
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

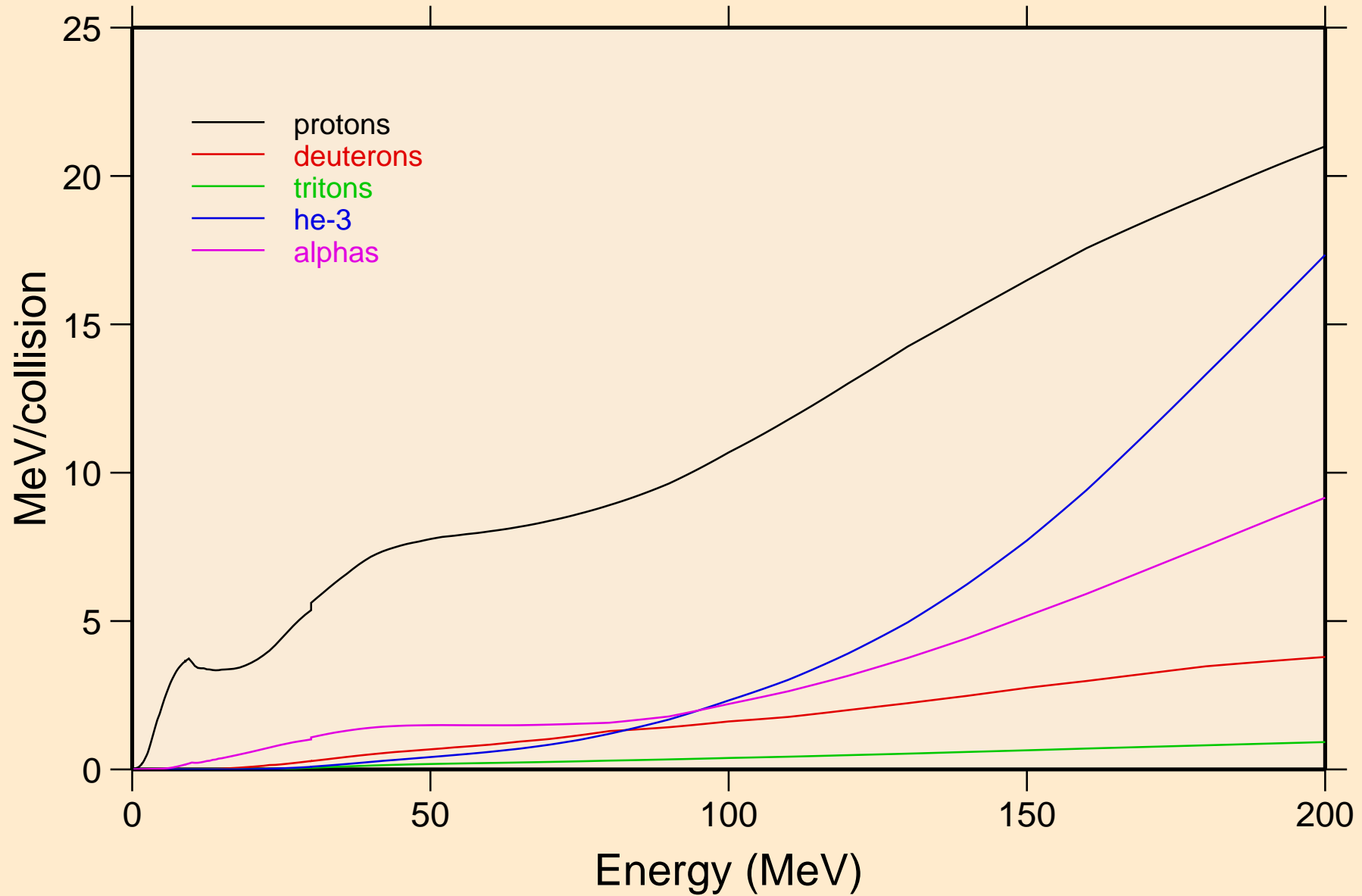


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

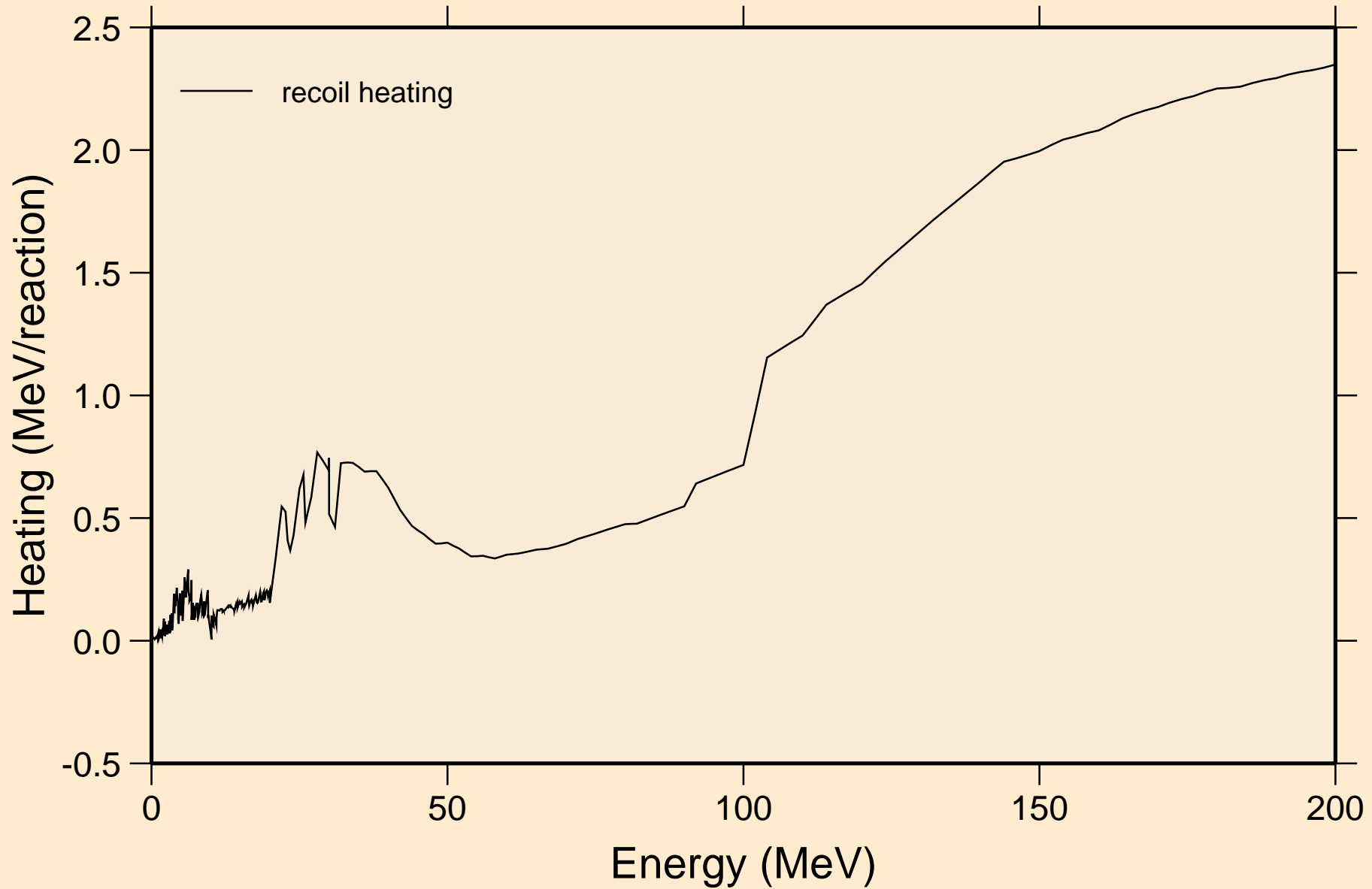


# ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Particle heating contributions

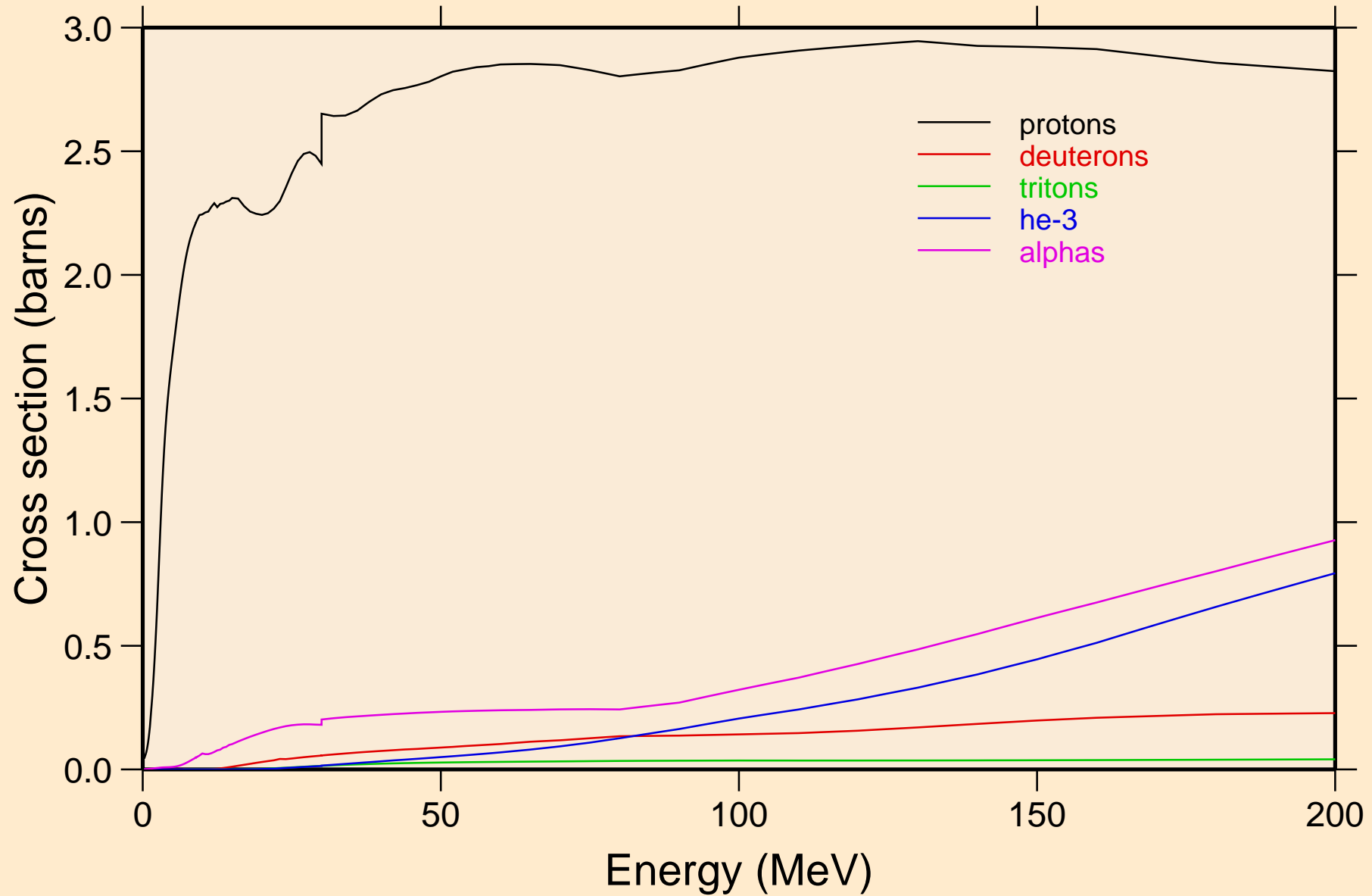


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

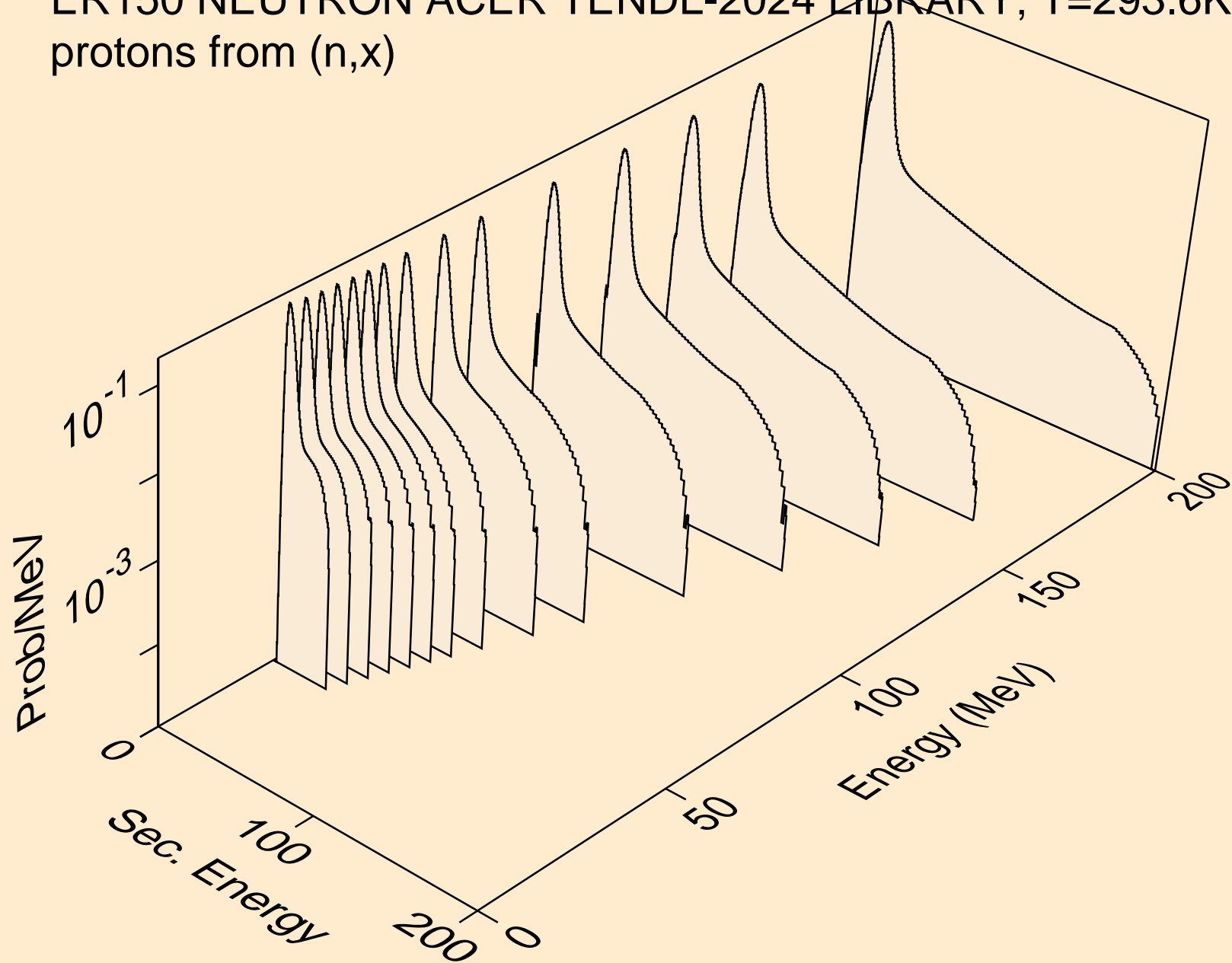




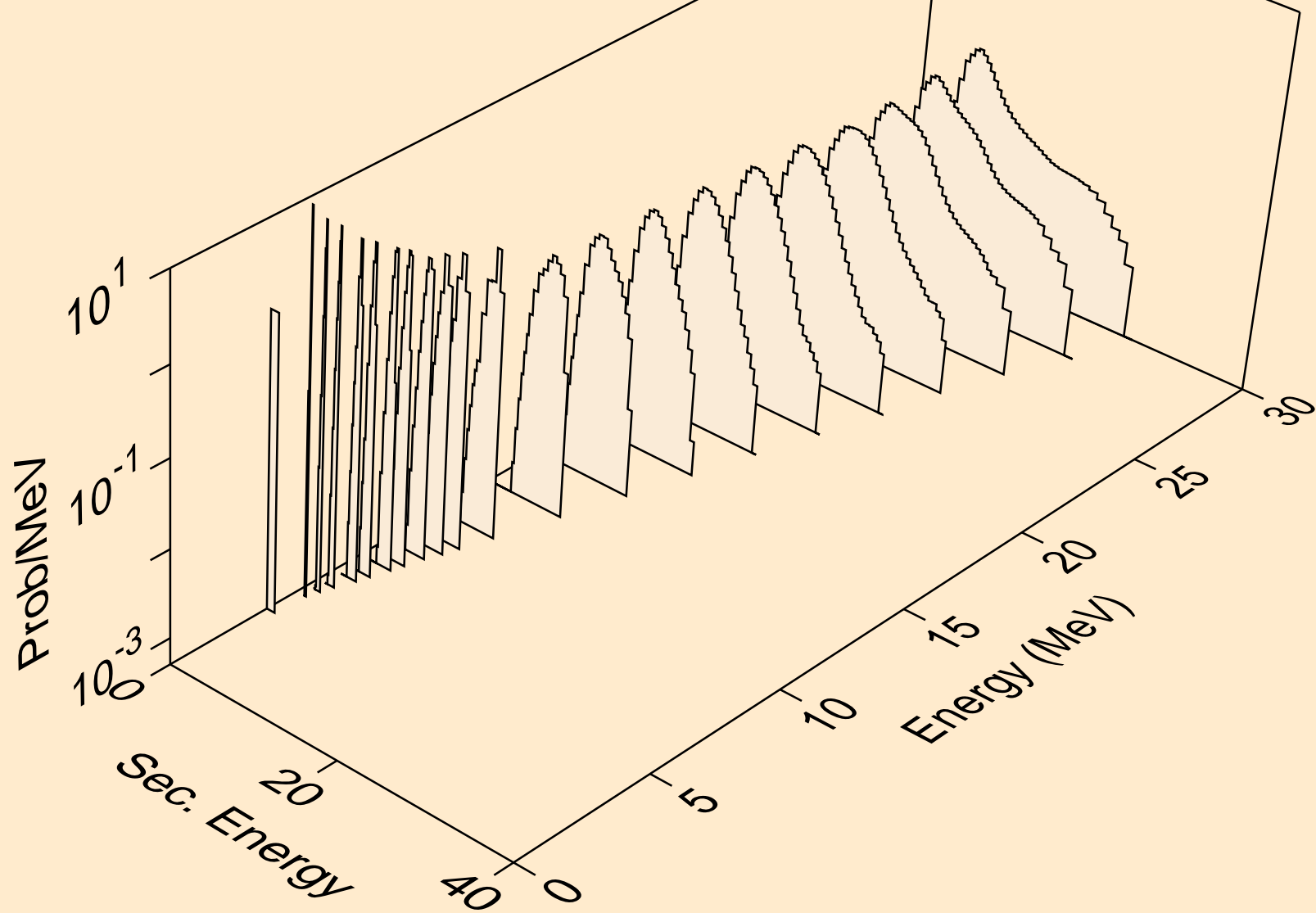
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



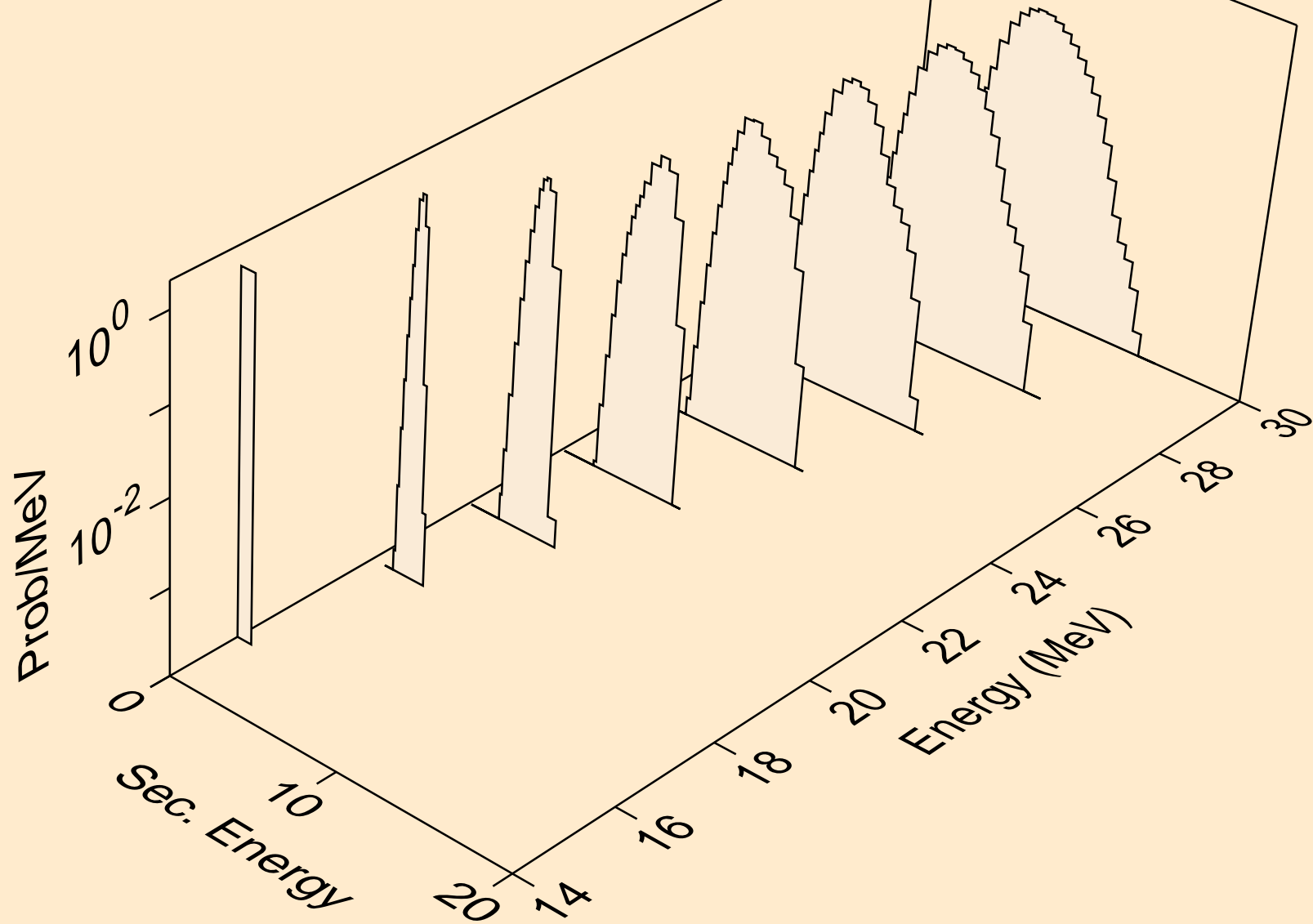
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



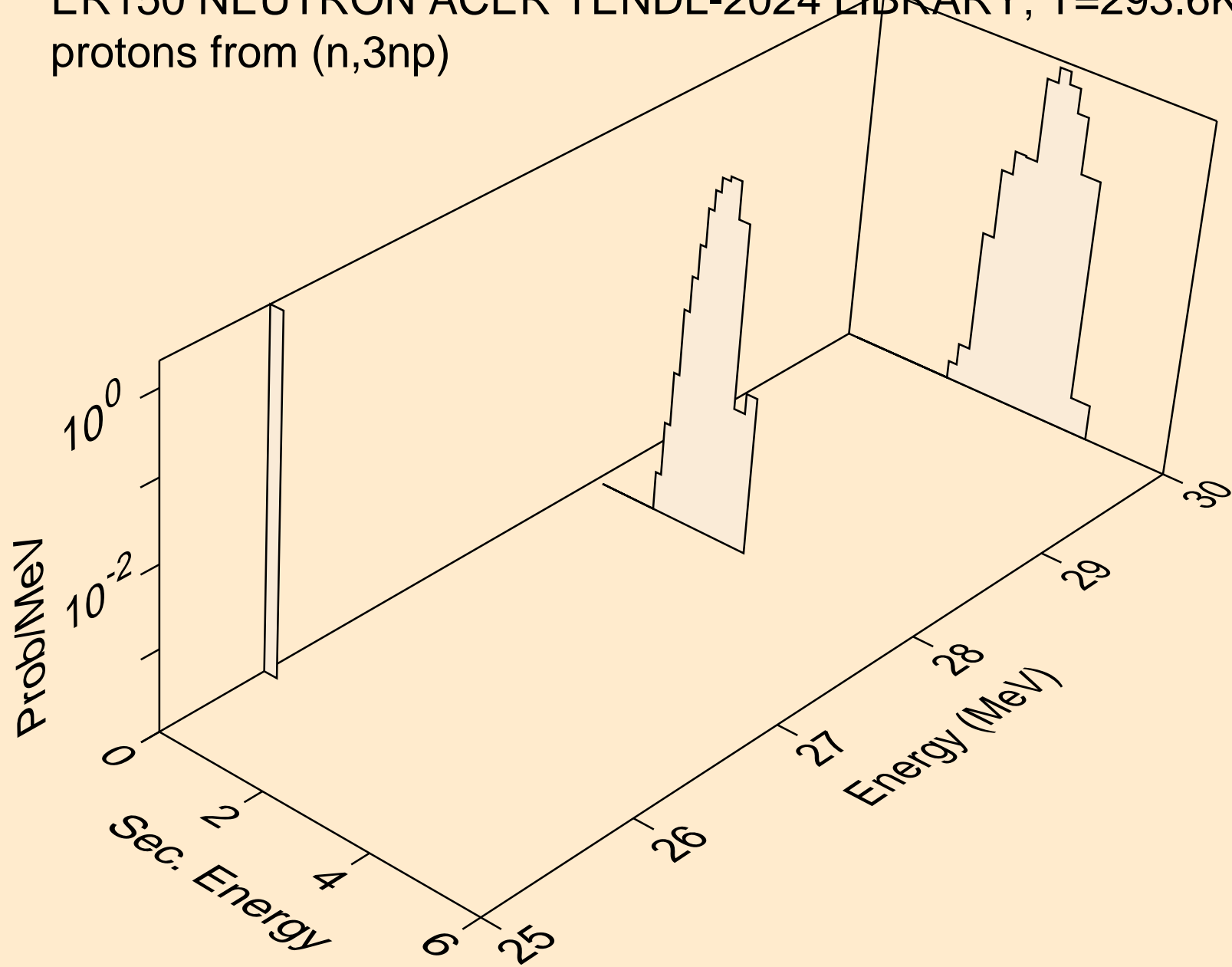
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



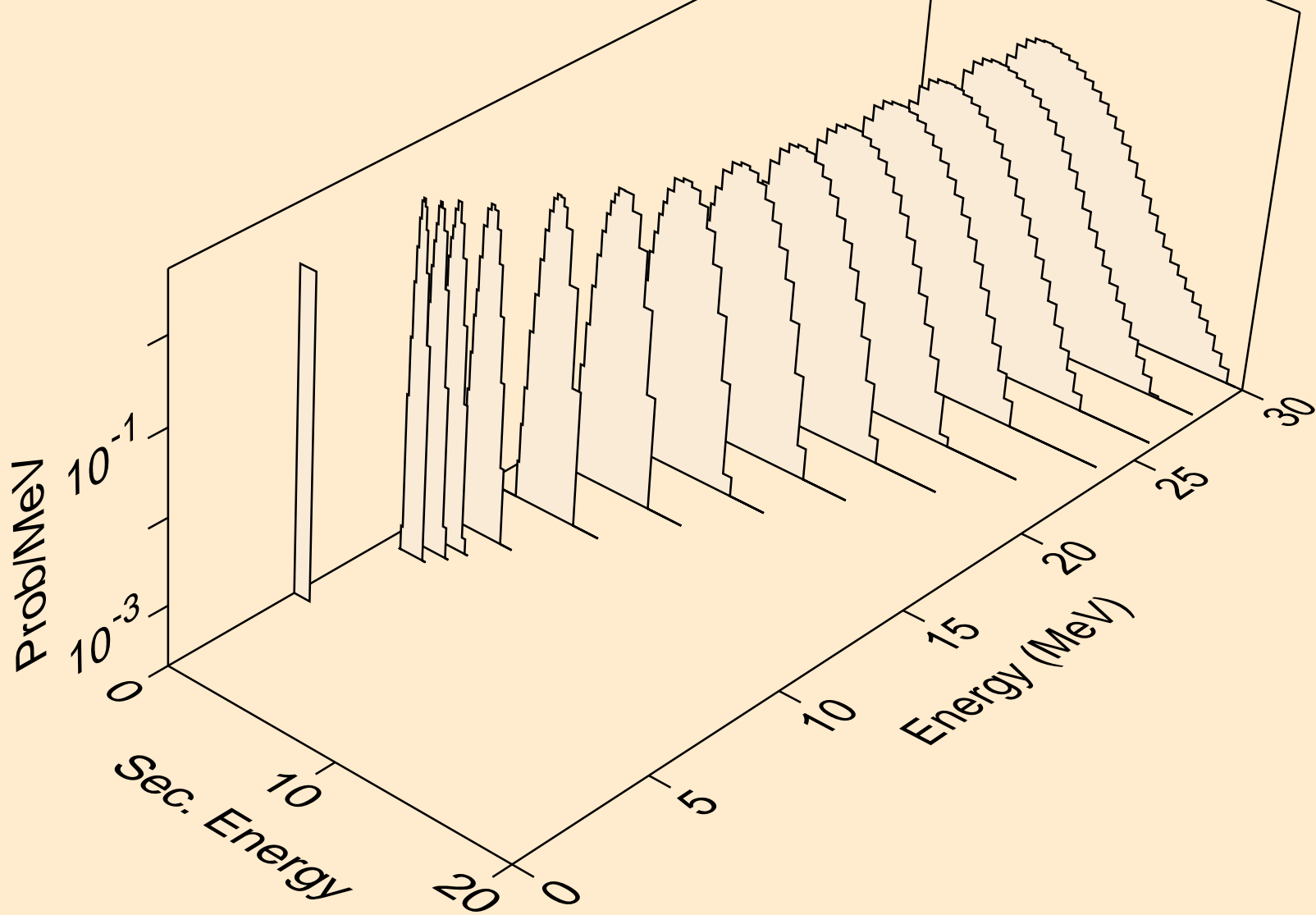
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protons from (n,2np)



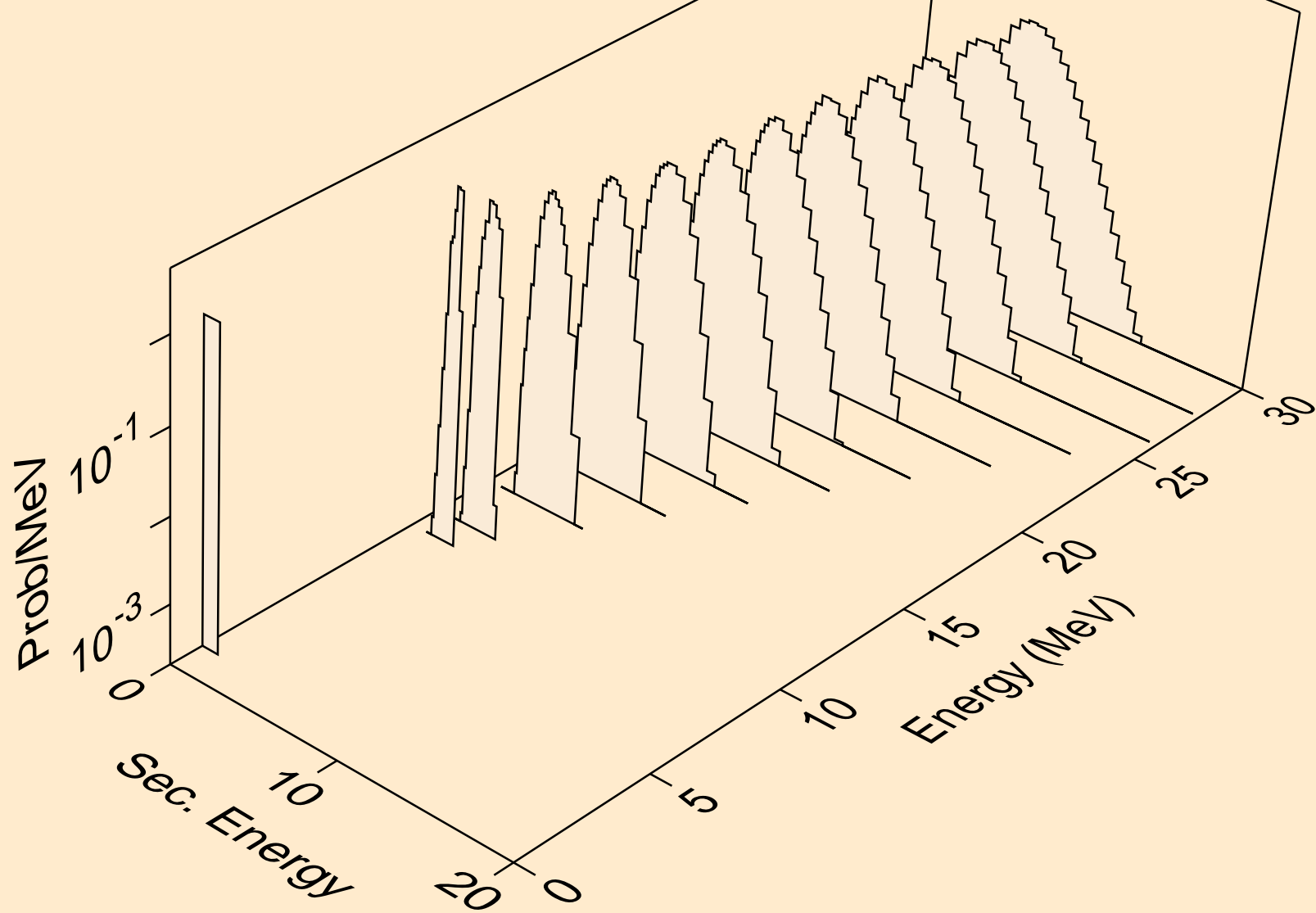
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



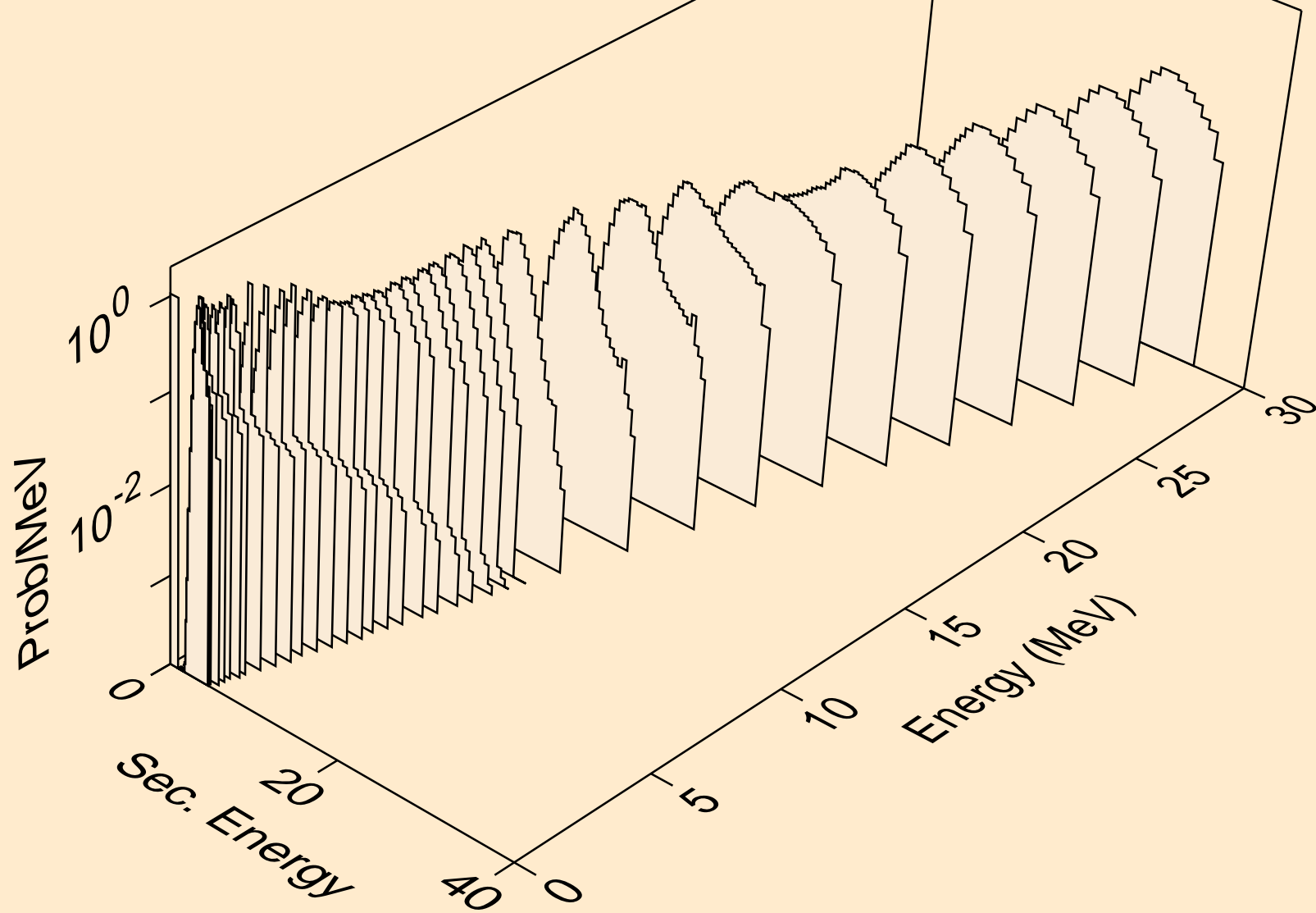
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,npa)

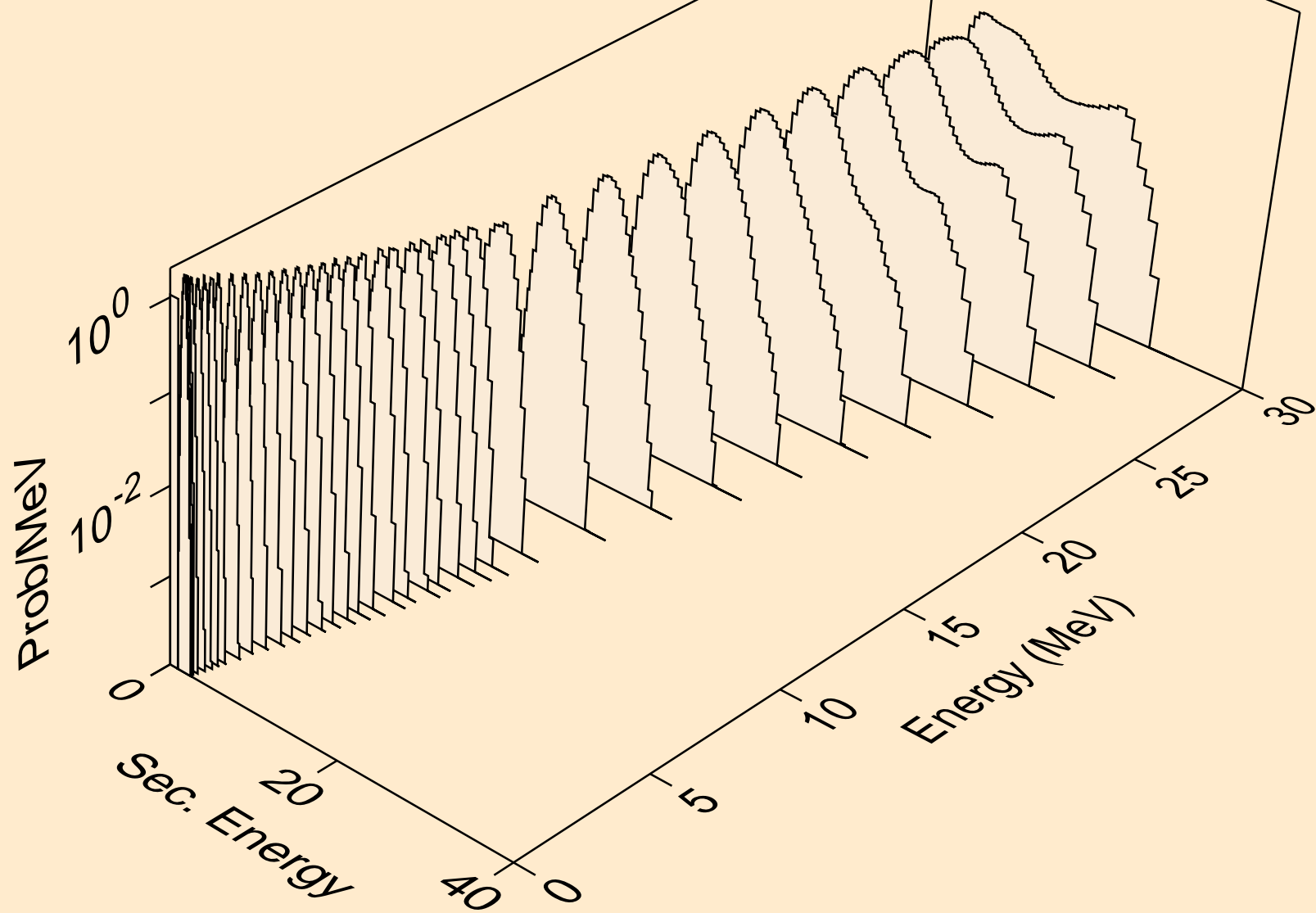


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protons from (n,p)

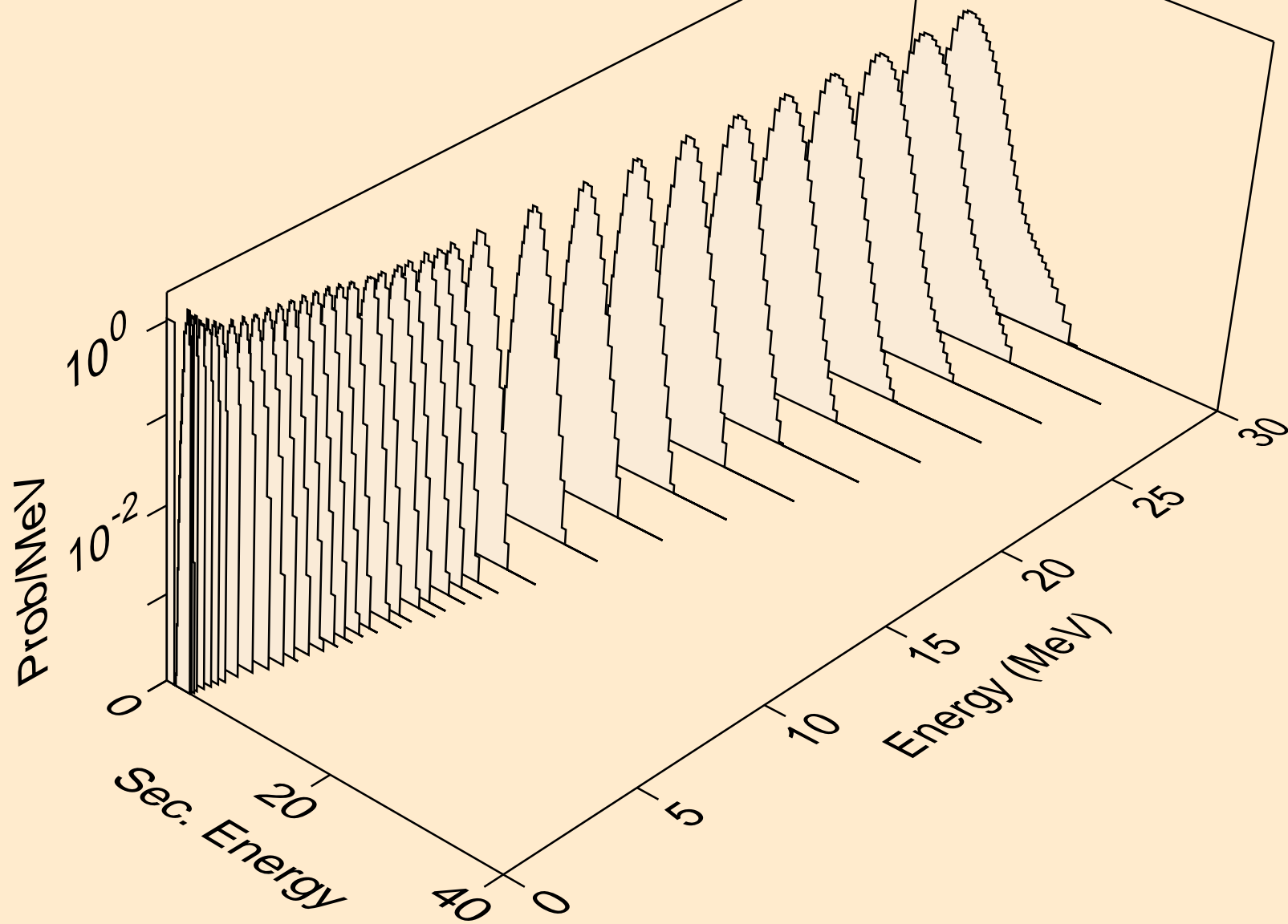




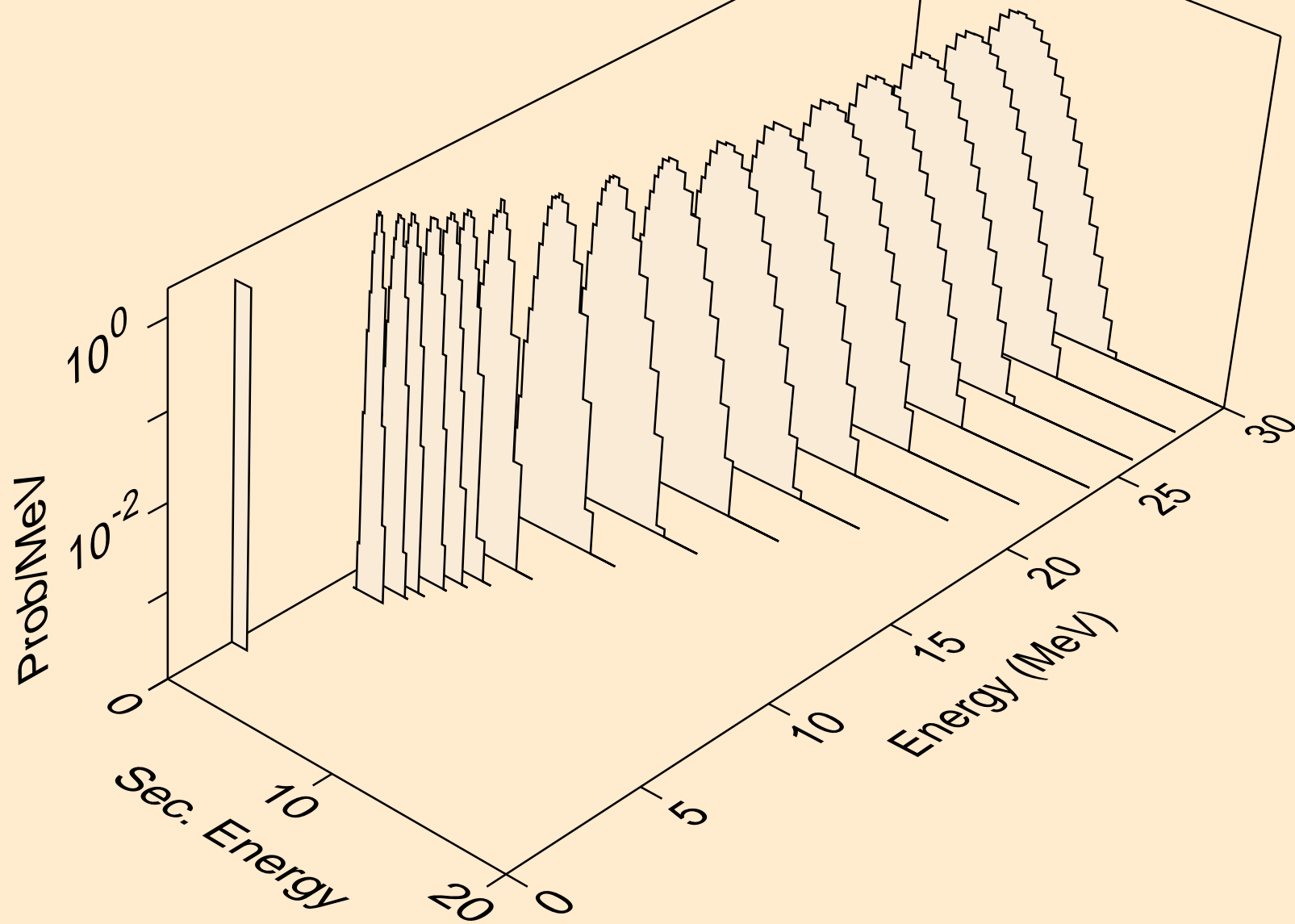
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2p)



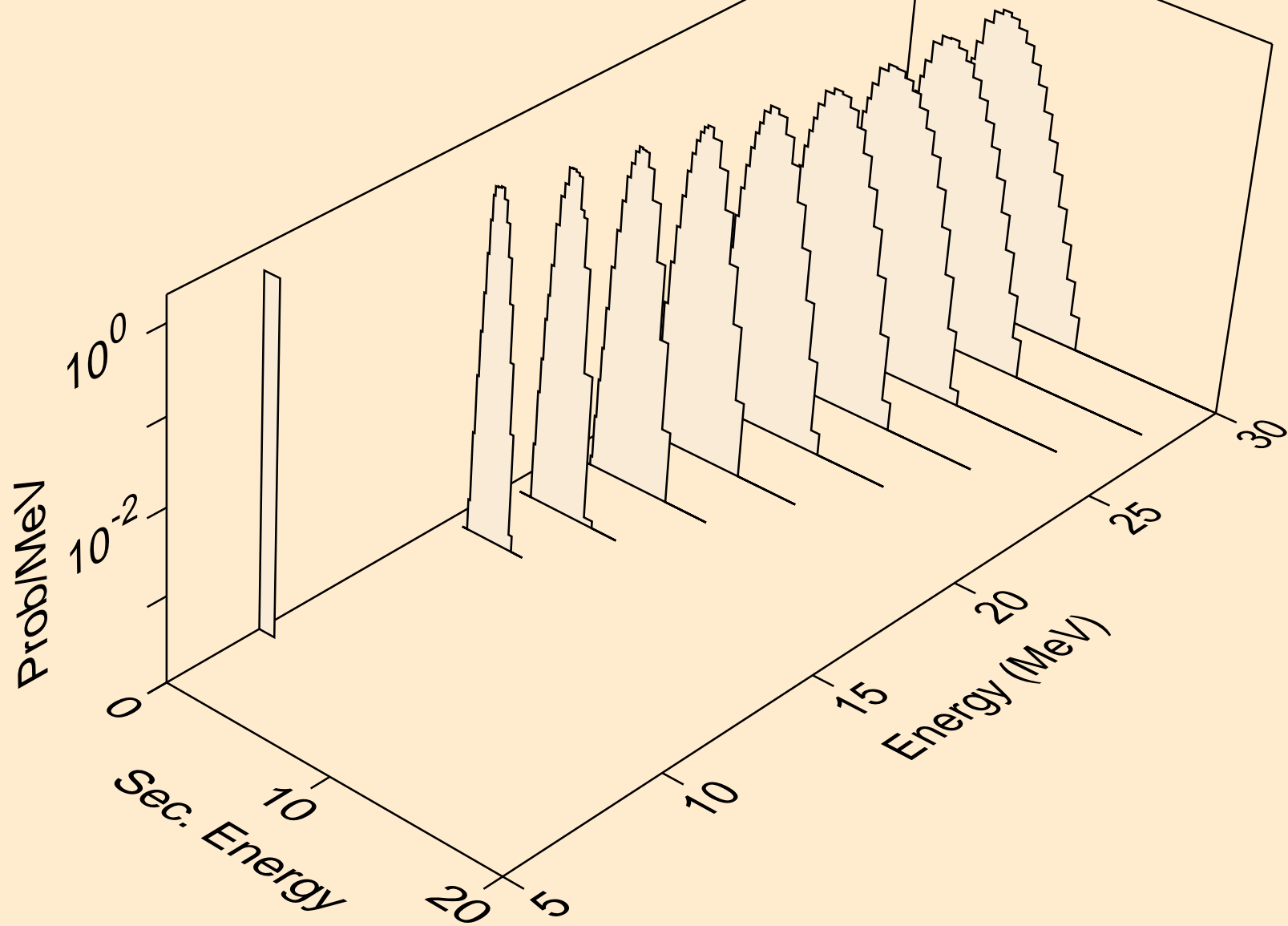
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protons from (n,p)



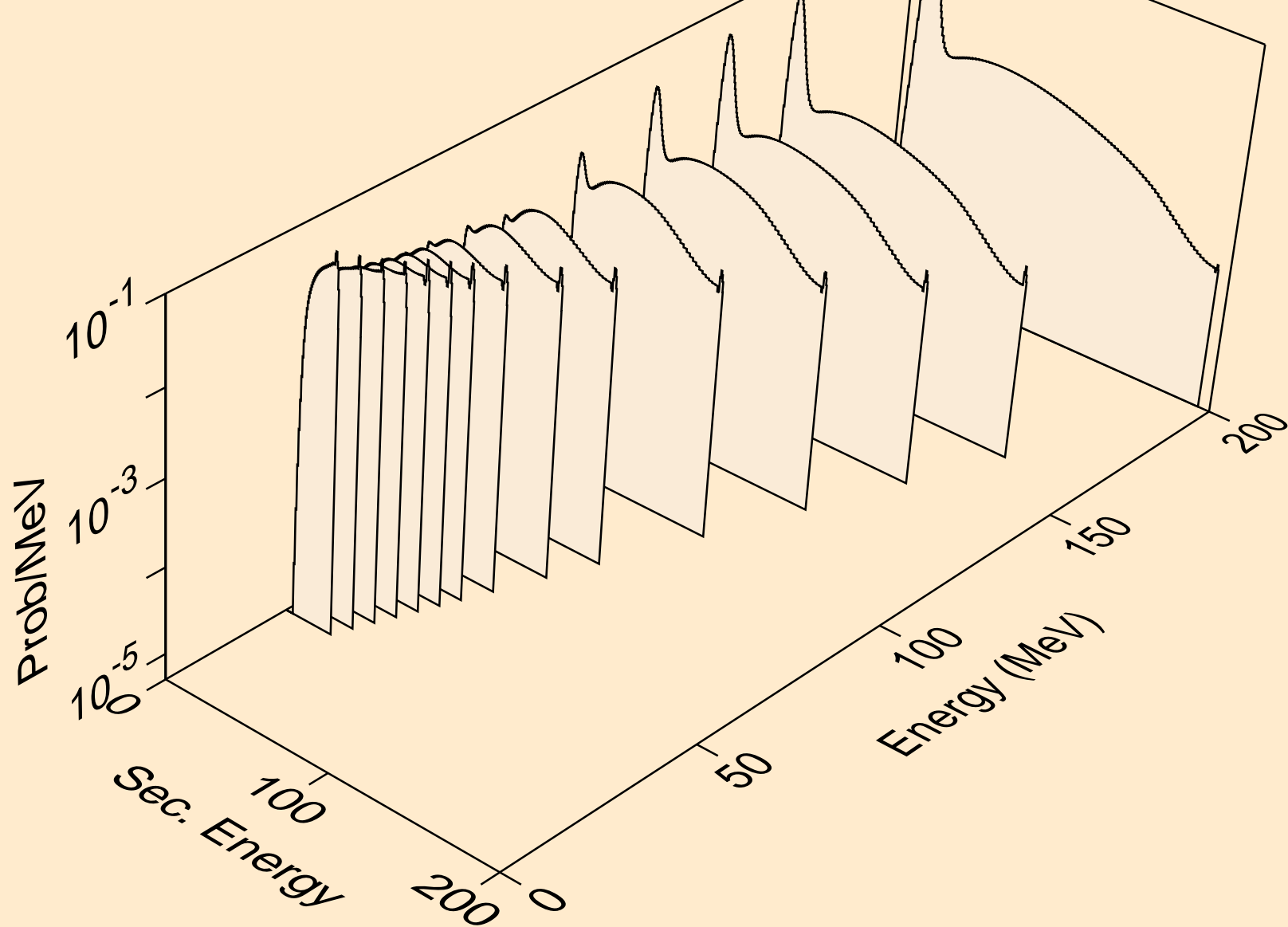
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protons from (n,pd)



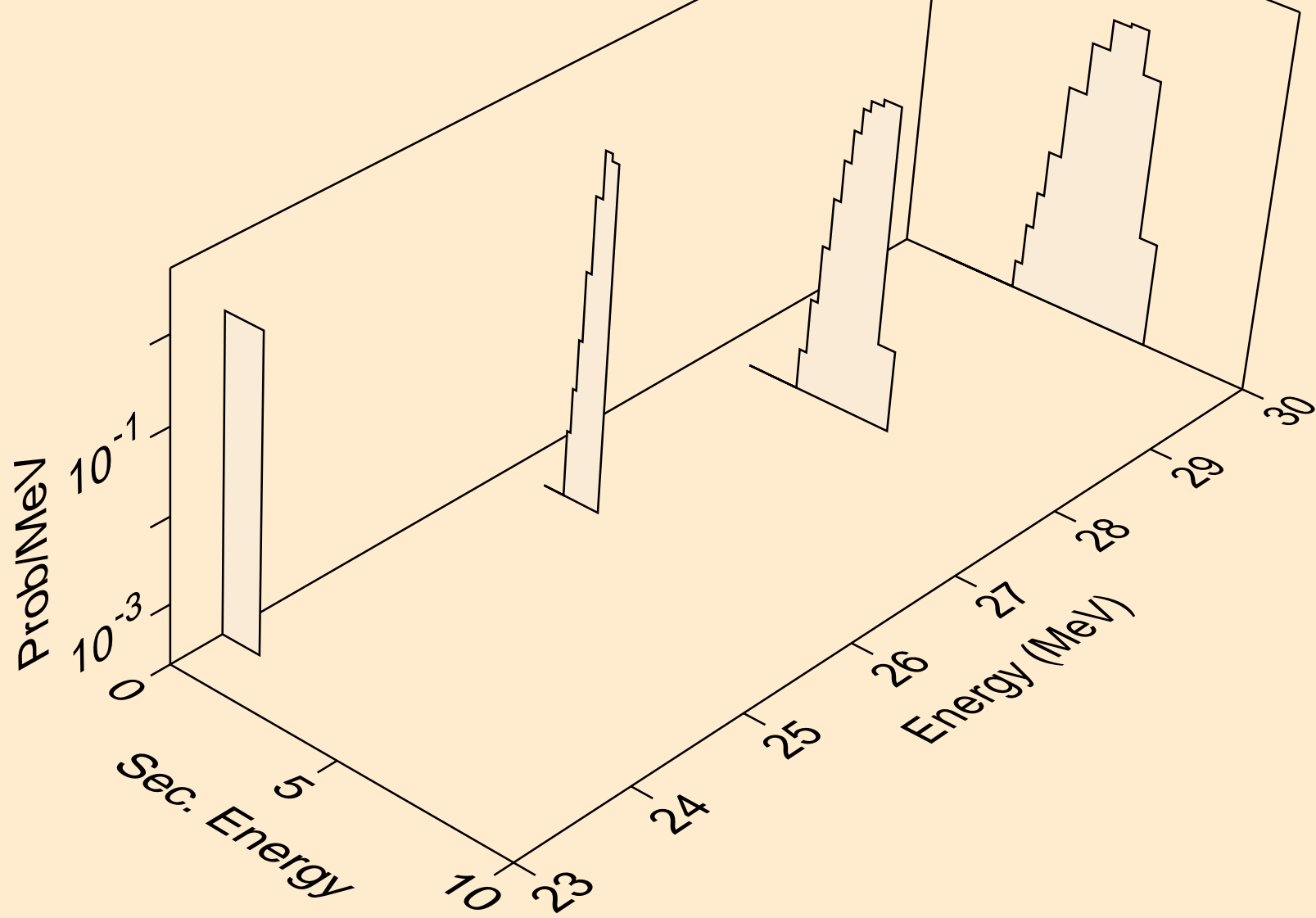
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pt)



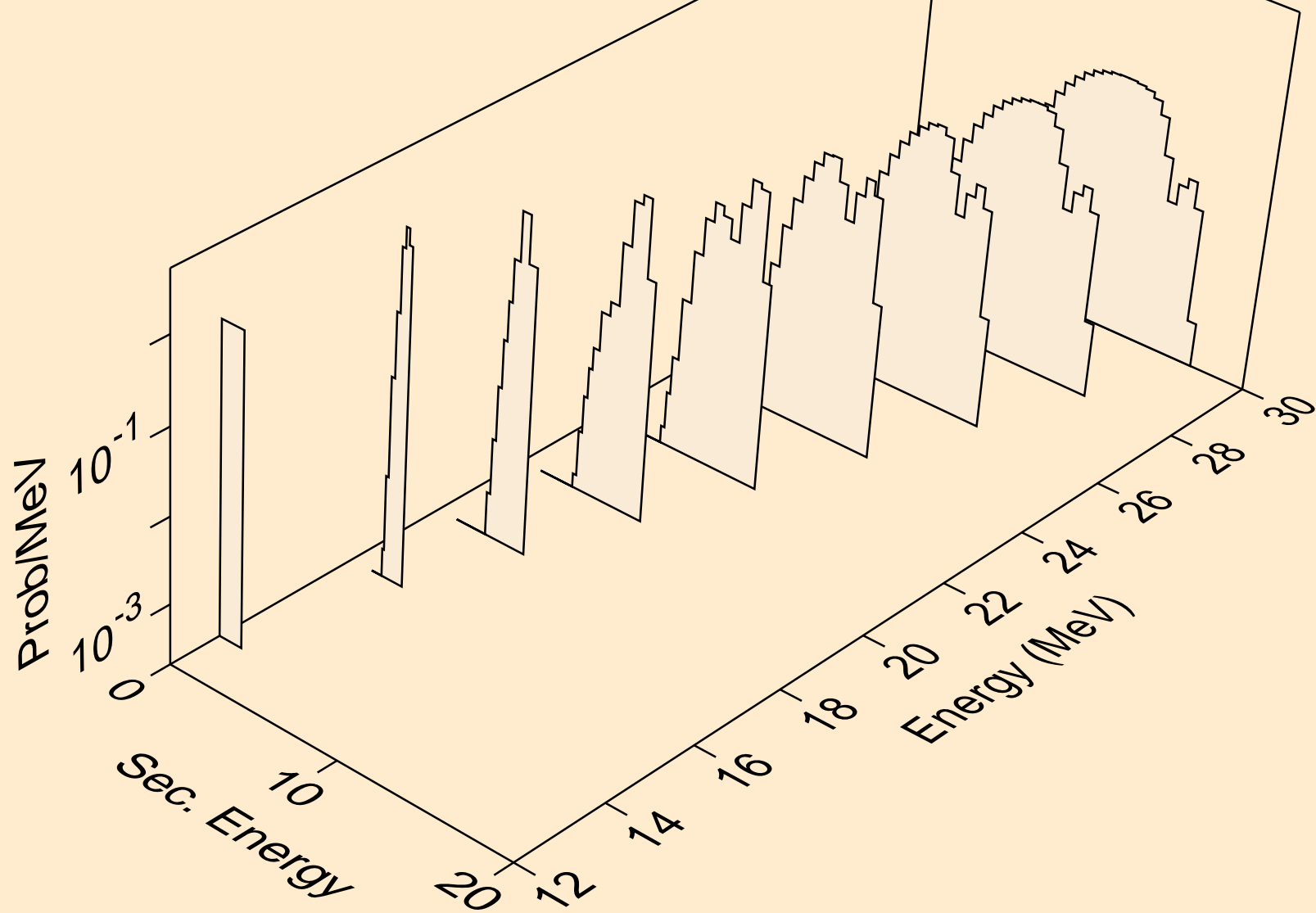
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



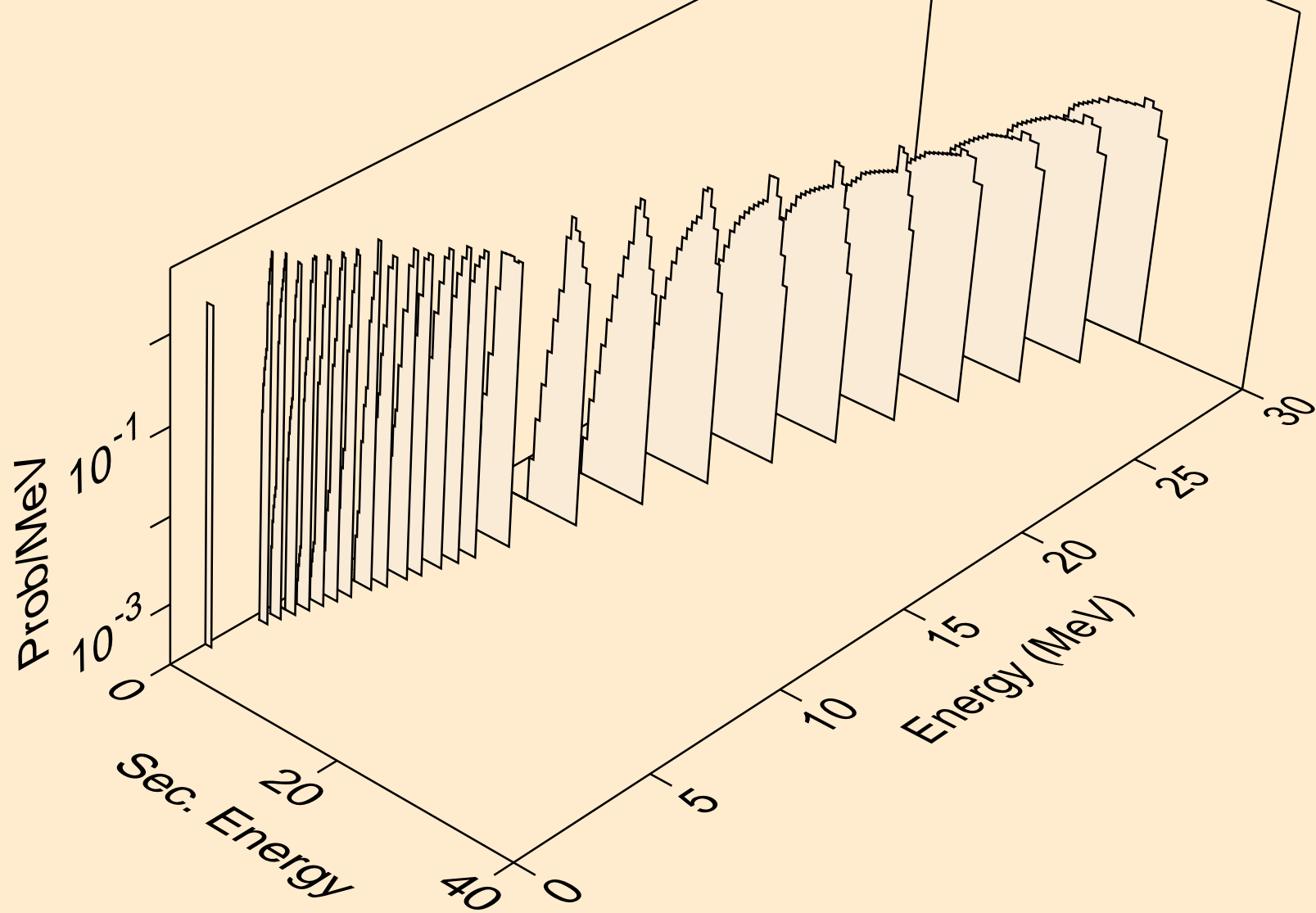
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

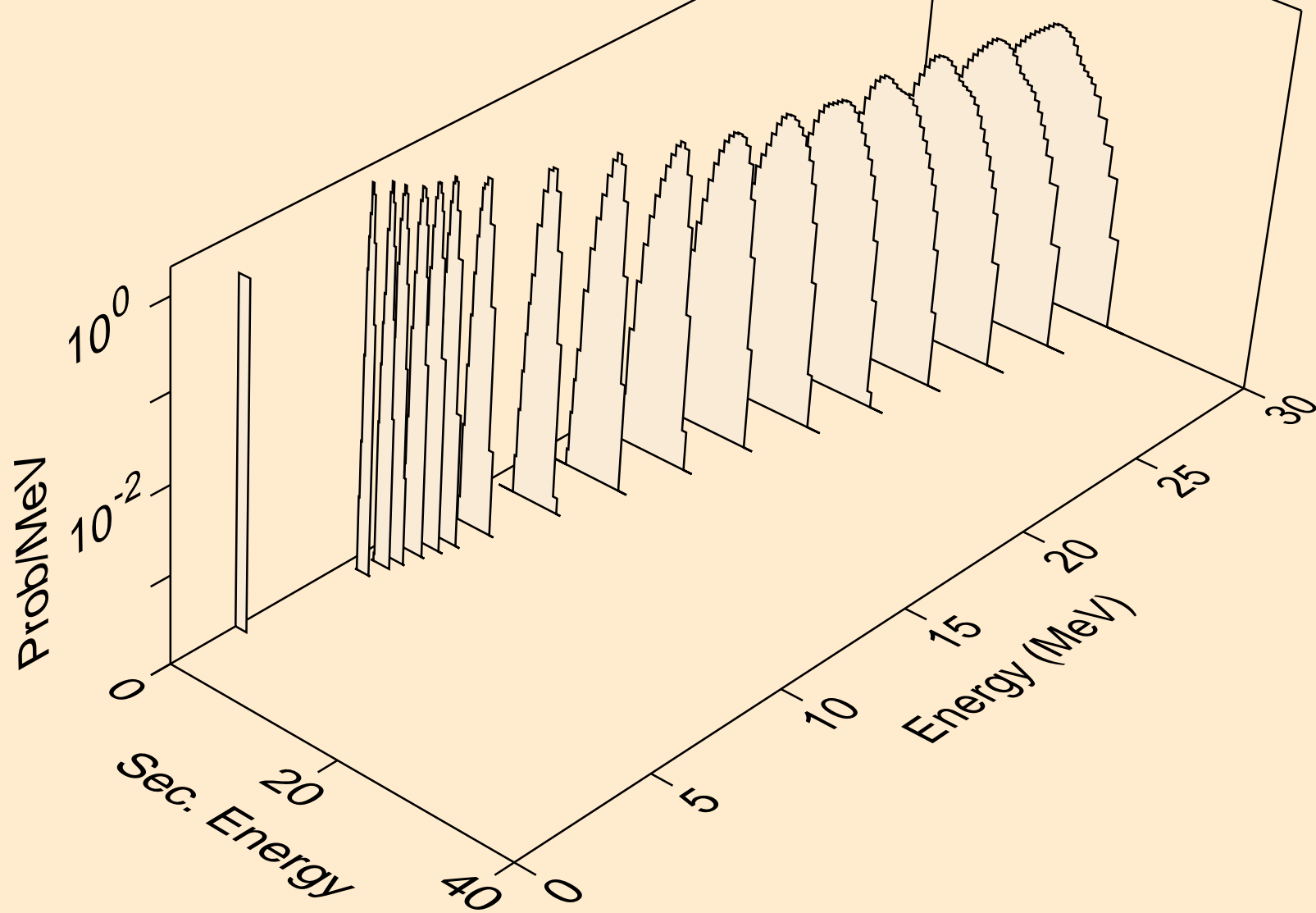


ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)

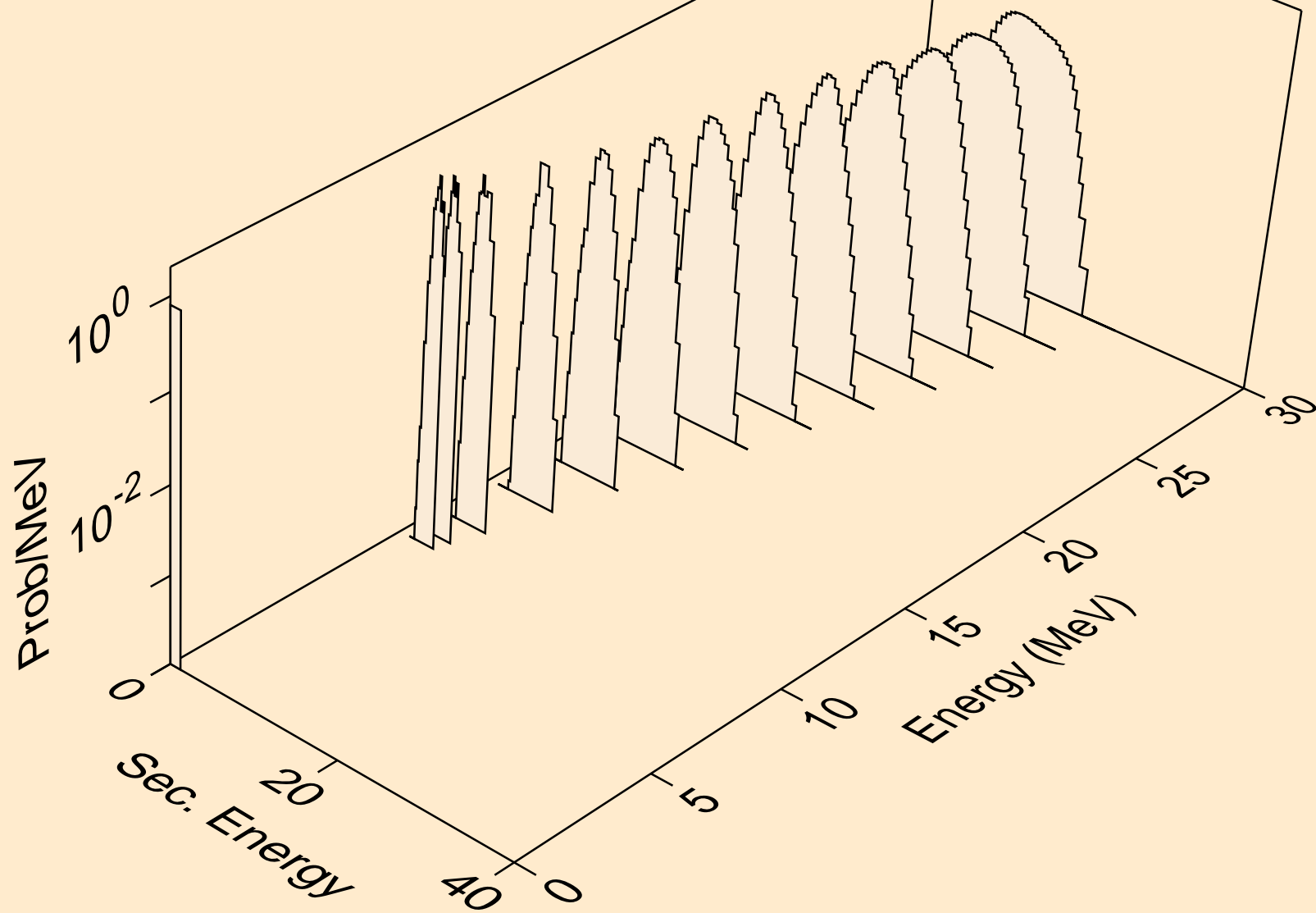




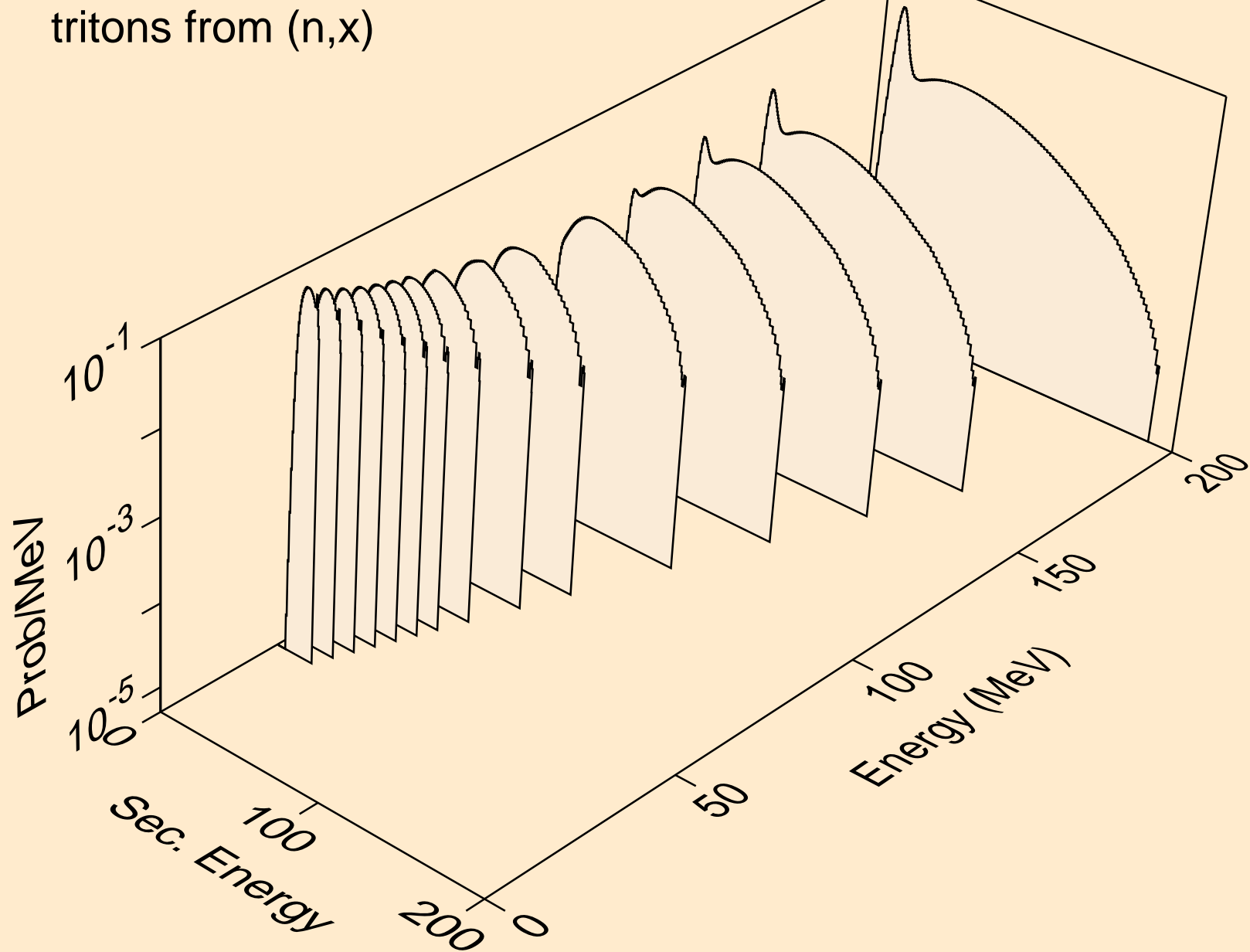
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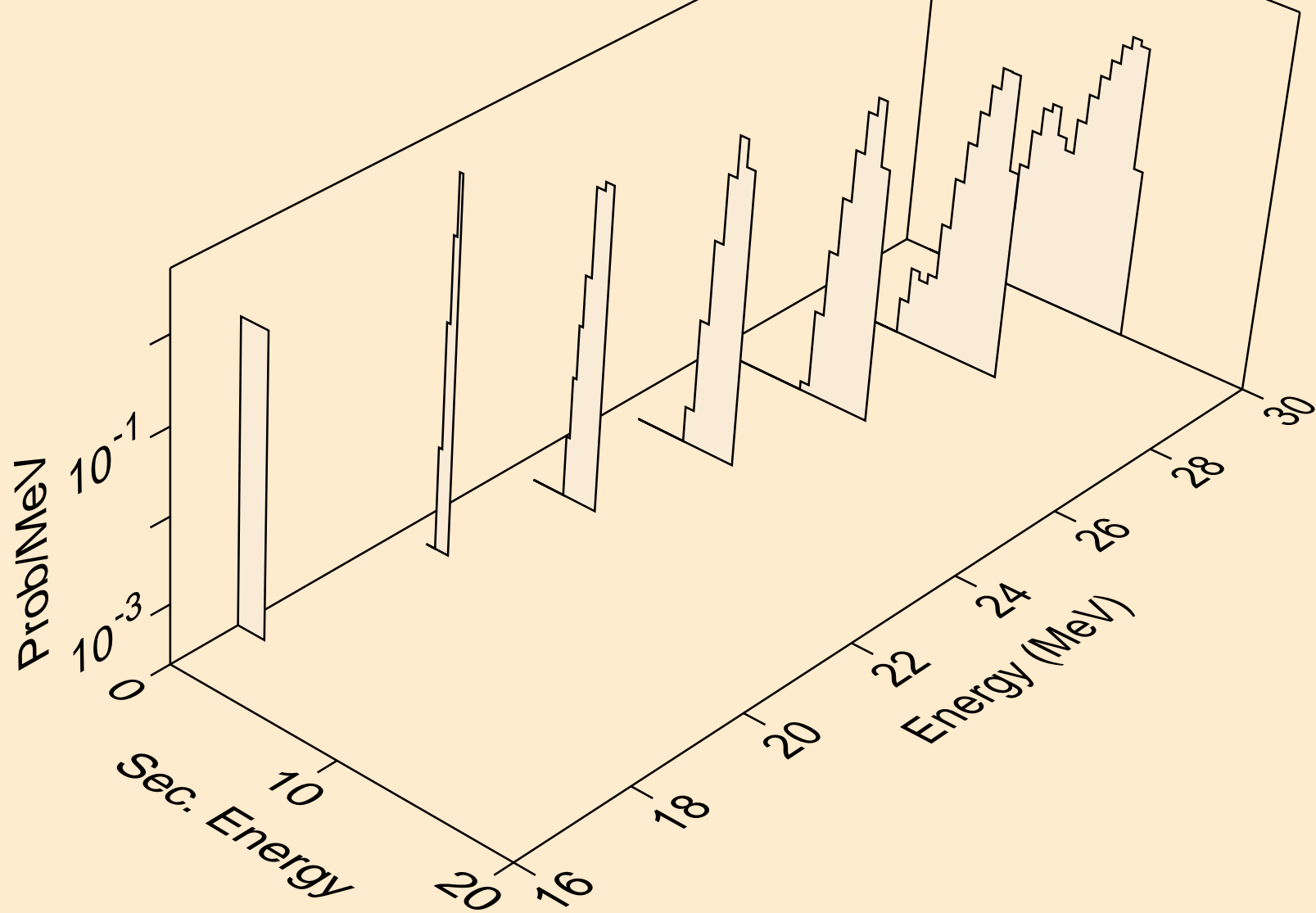
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deuterons from (n,da)



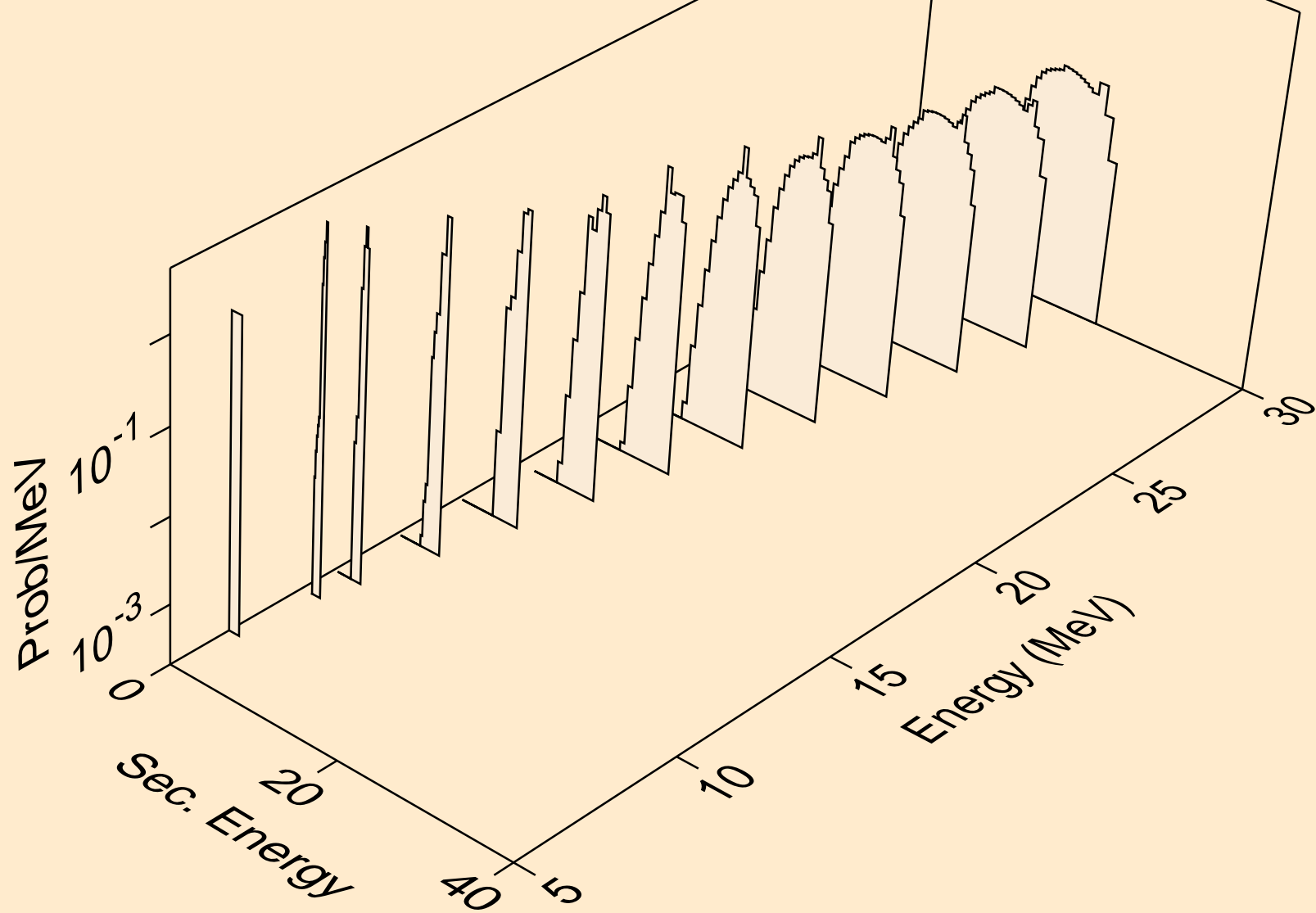
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tritons from (n,x)



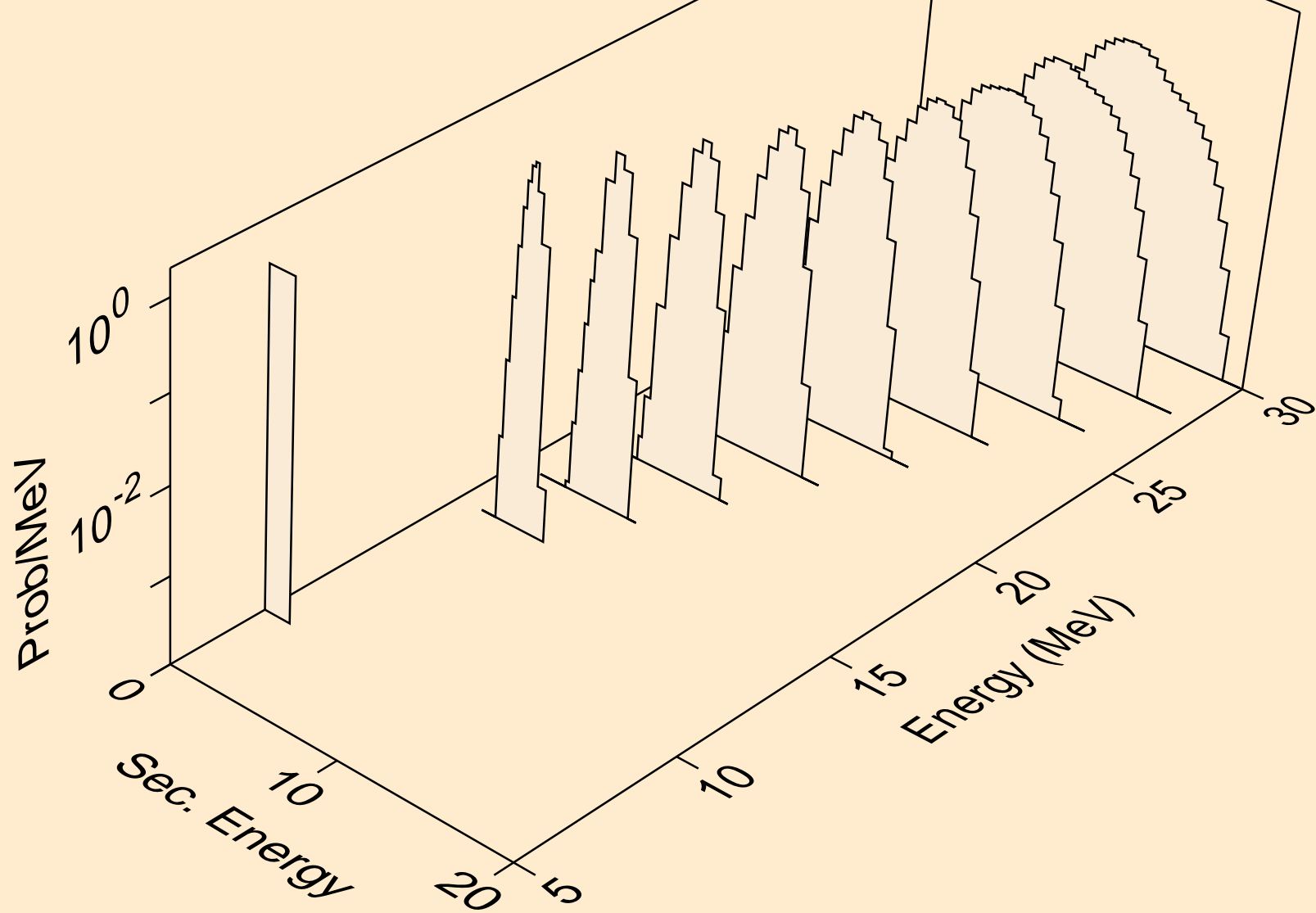
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



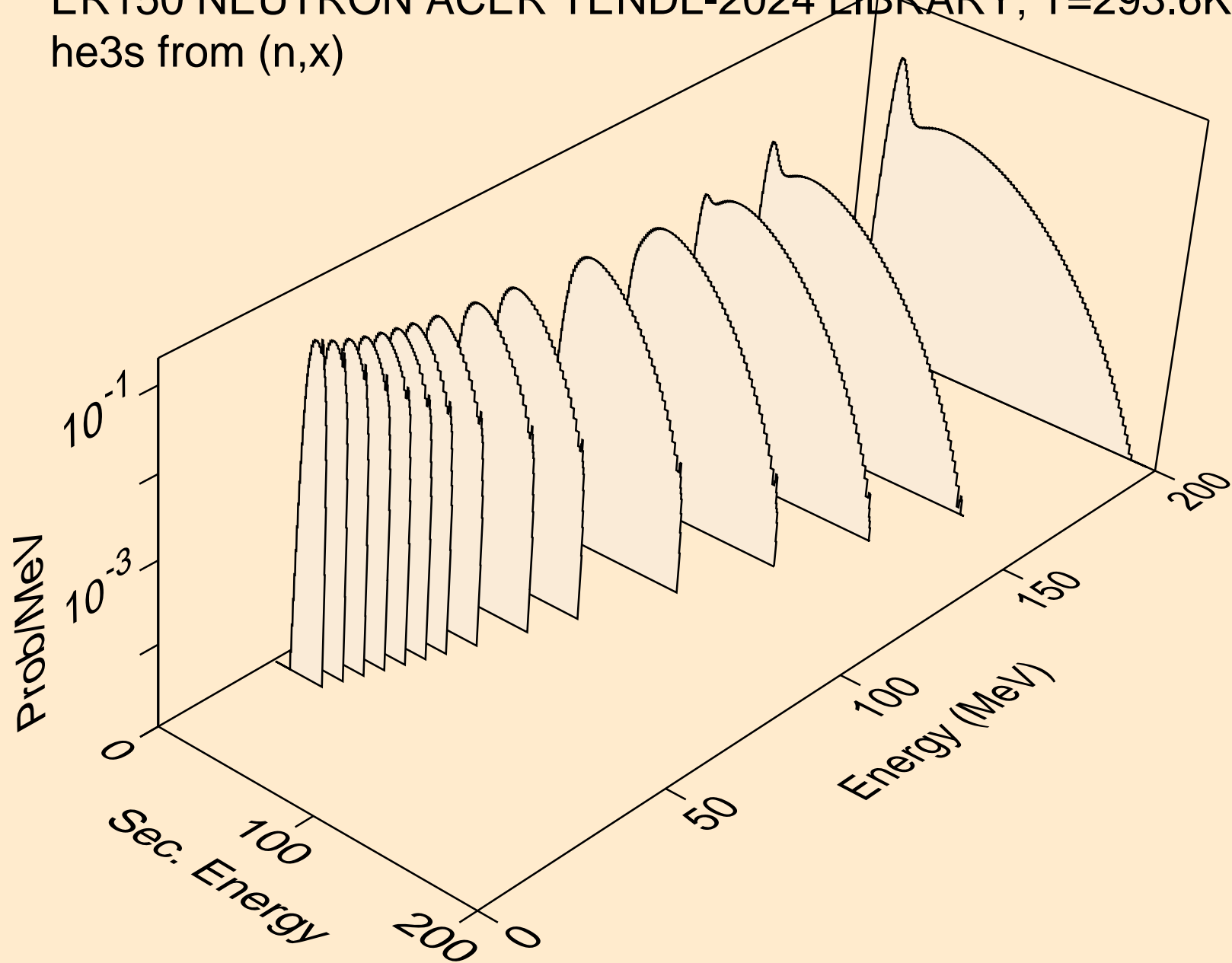
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tritons from (n,t)



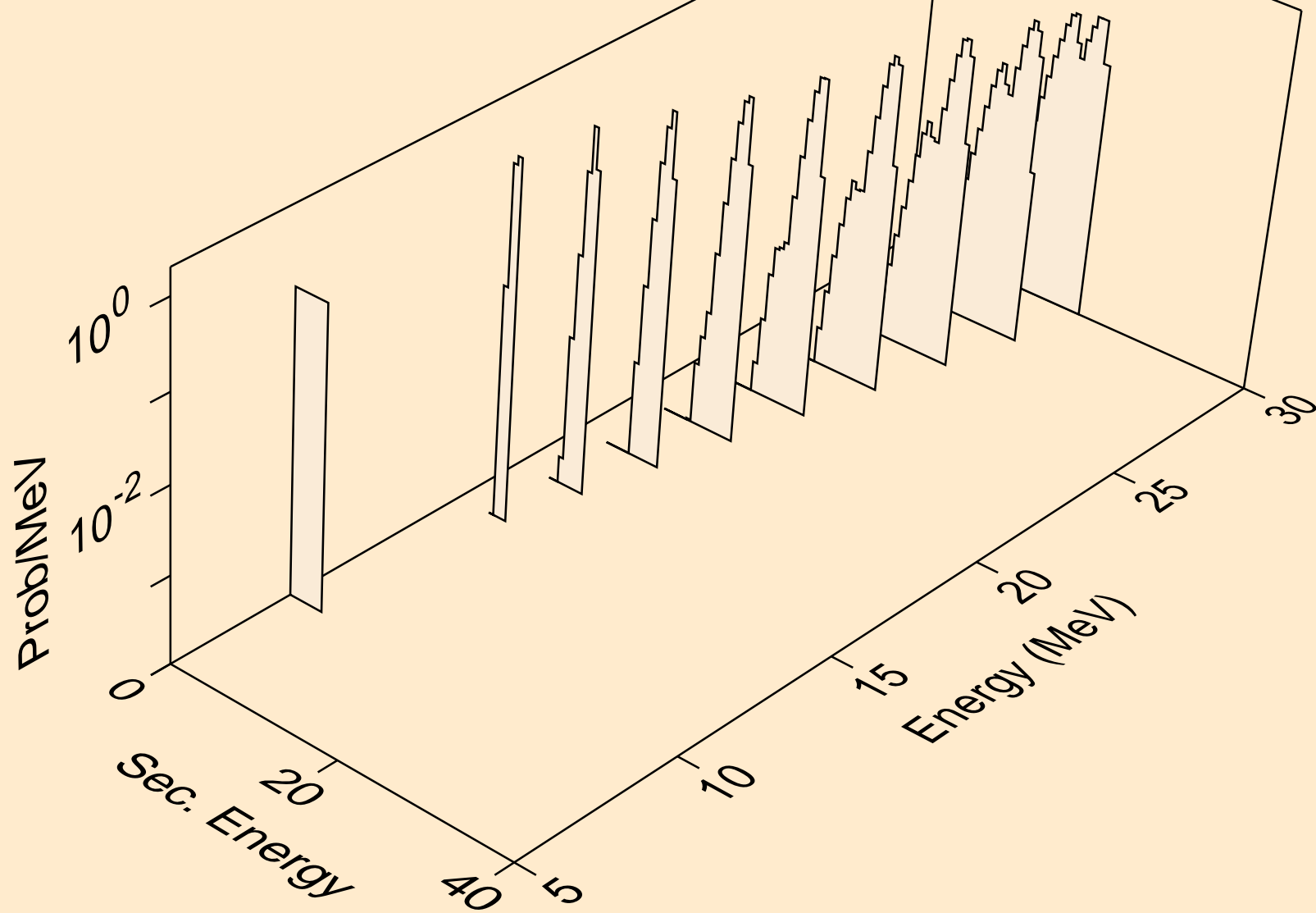
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,pt)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)

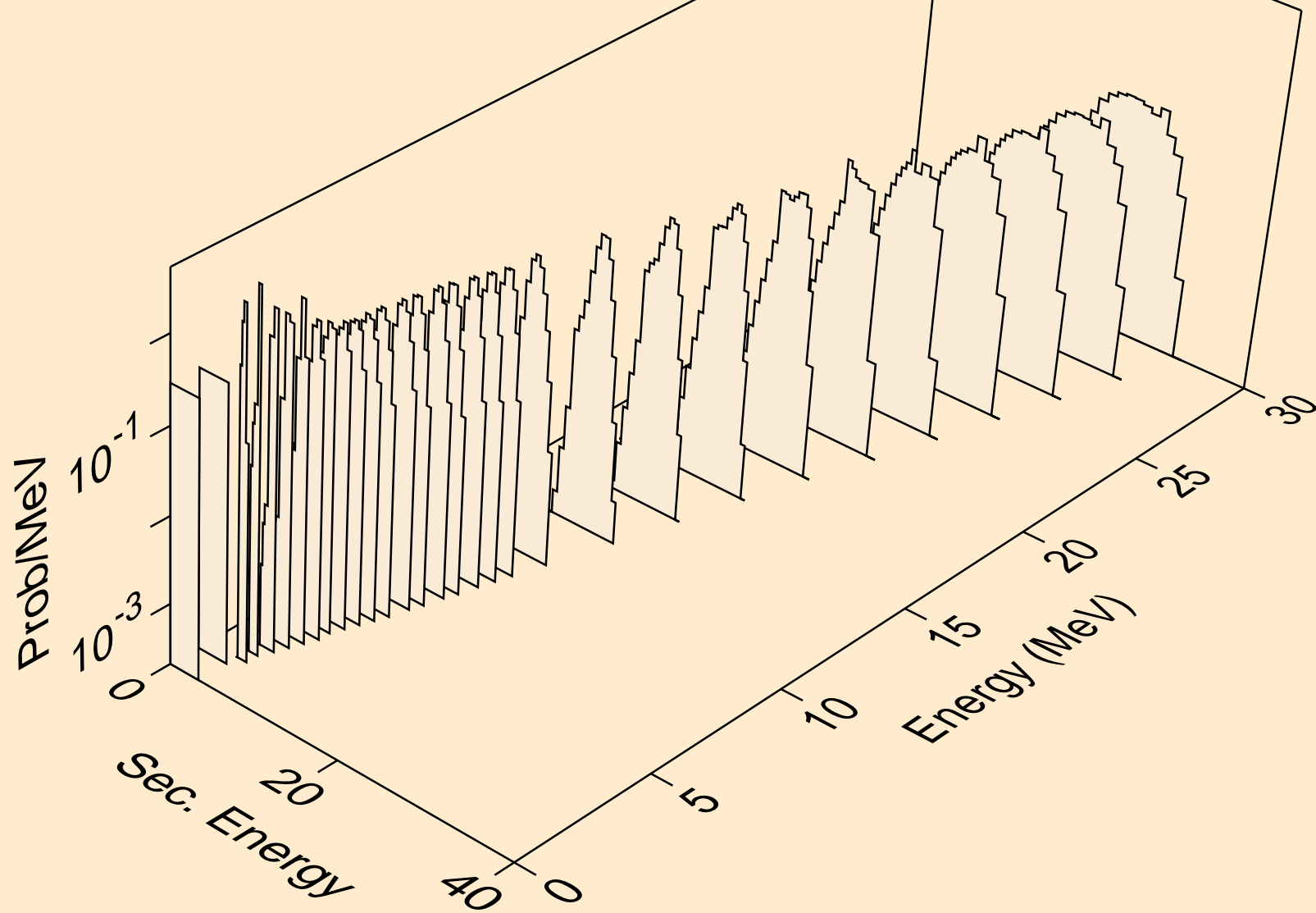


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he3s from (n,n\*)he3

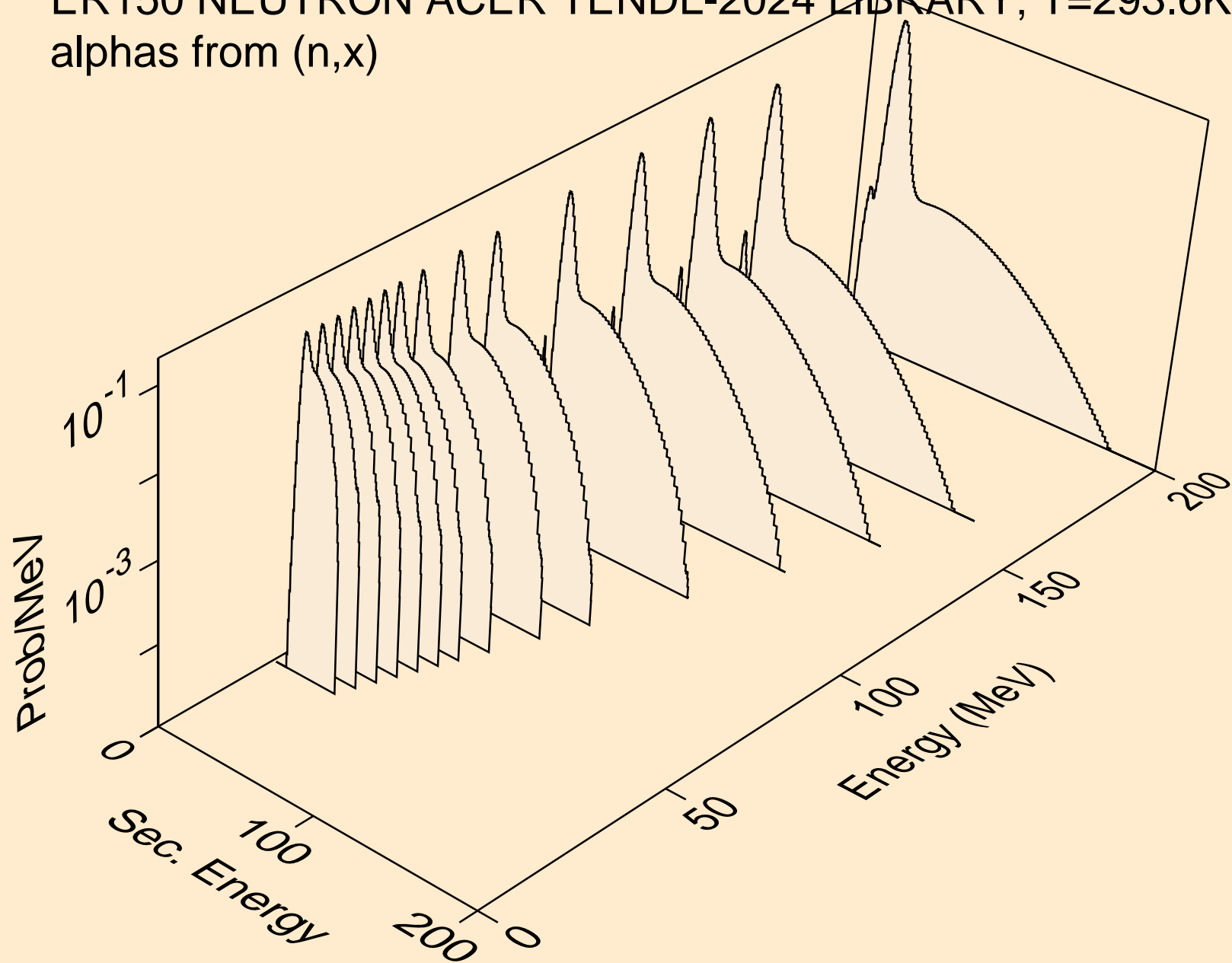




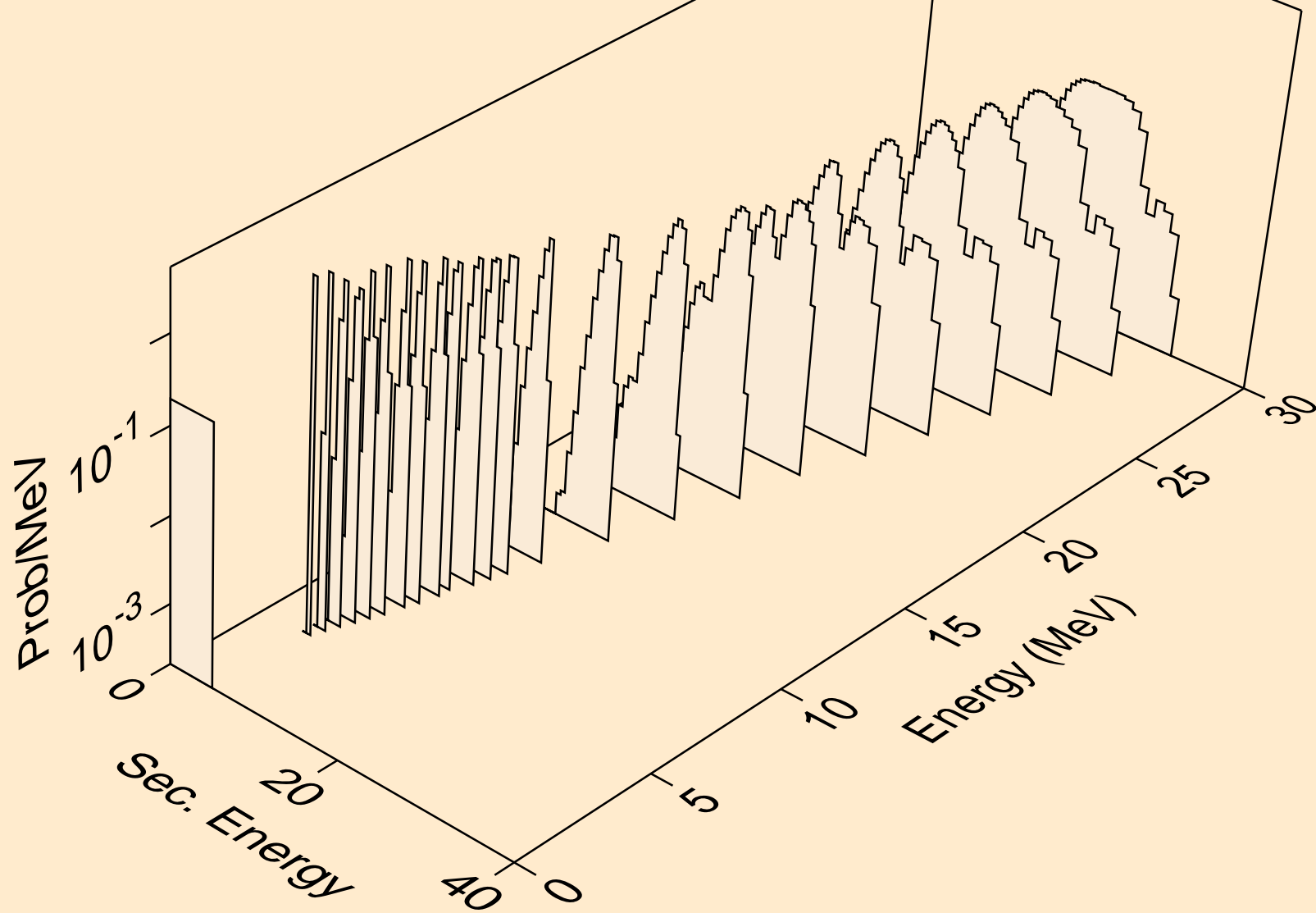
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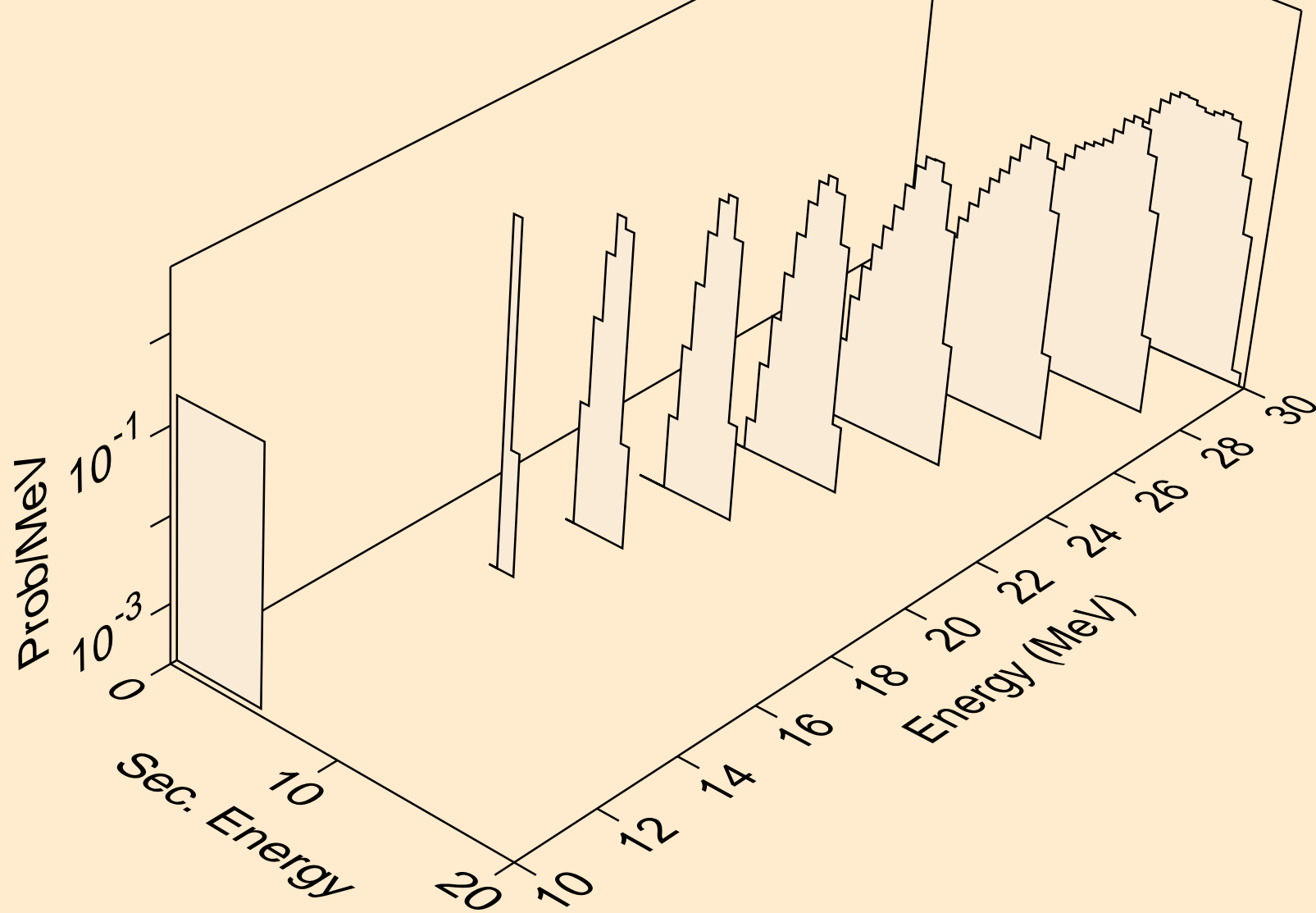
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



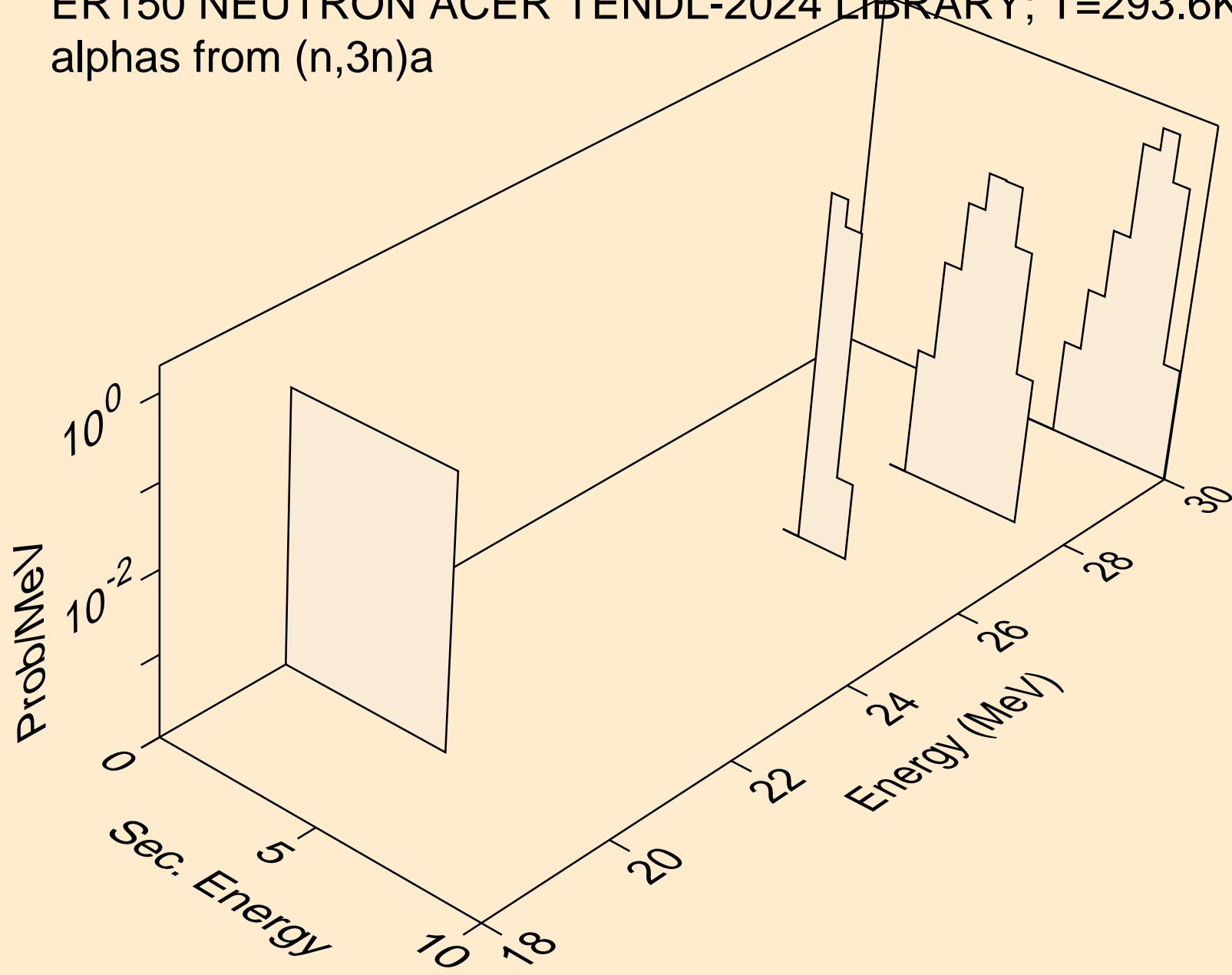
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



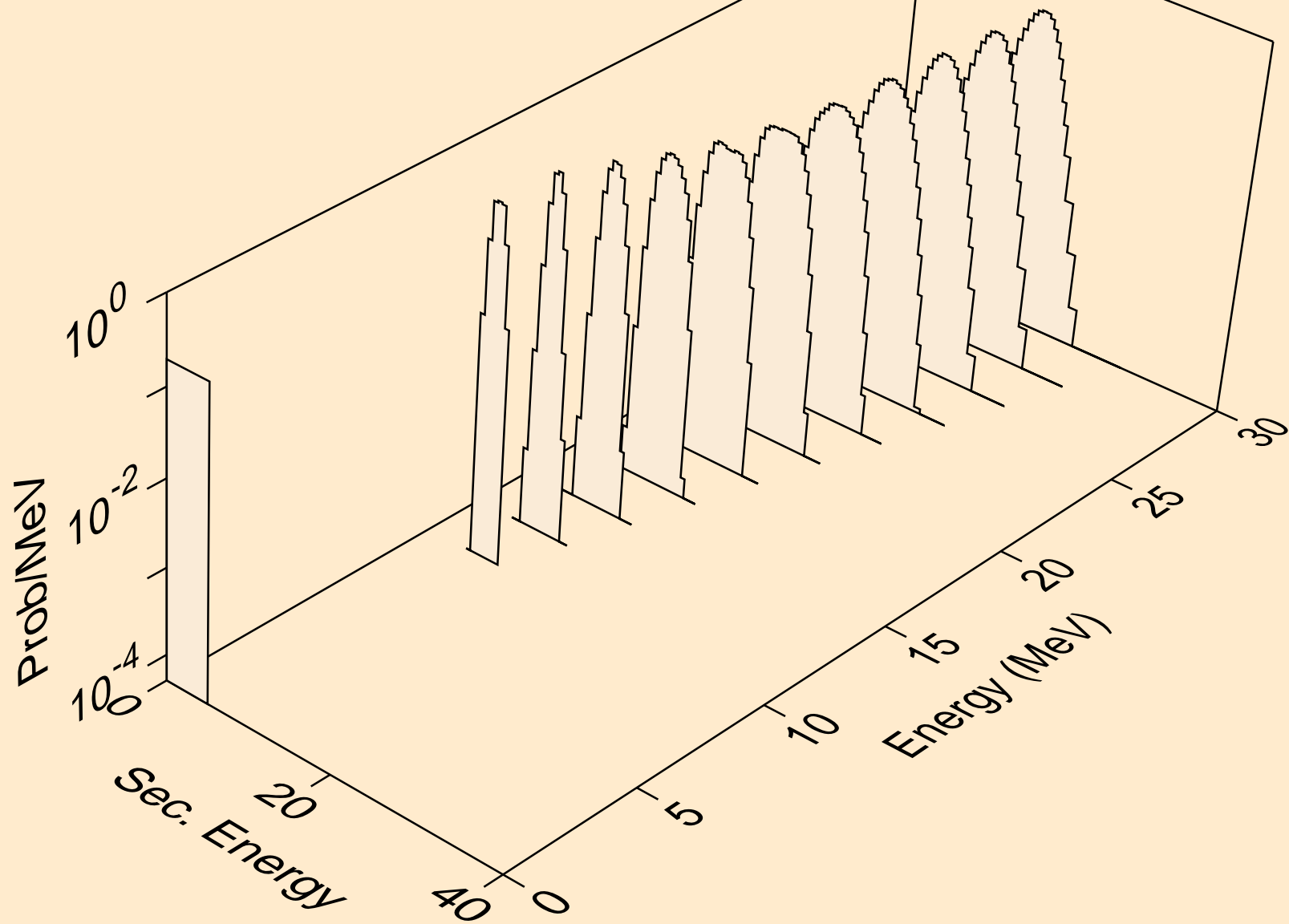
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



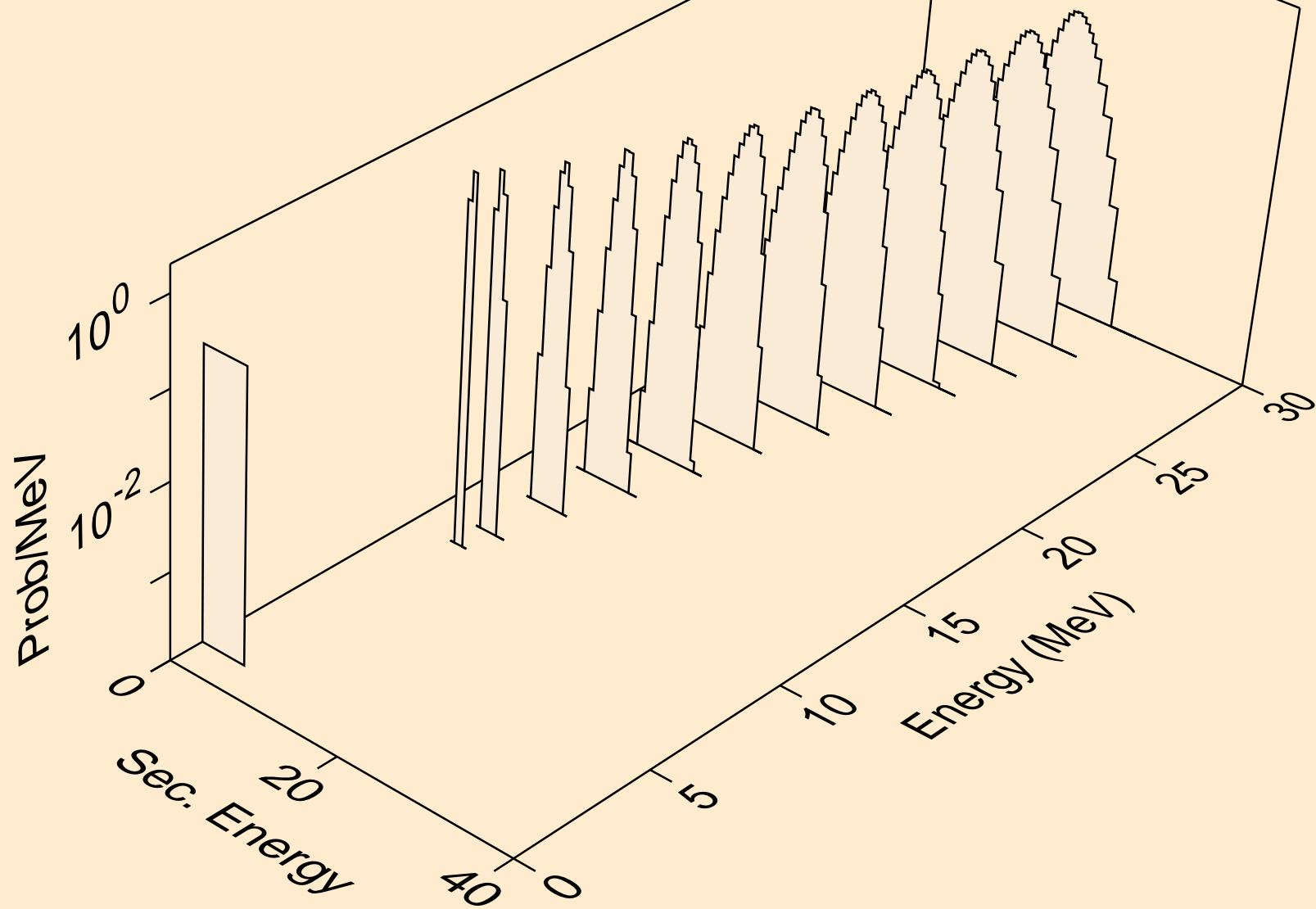
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



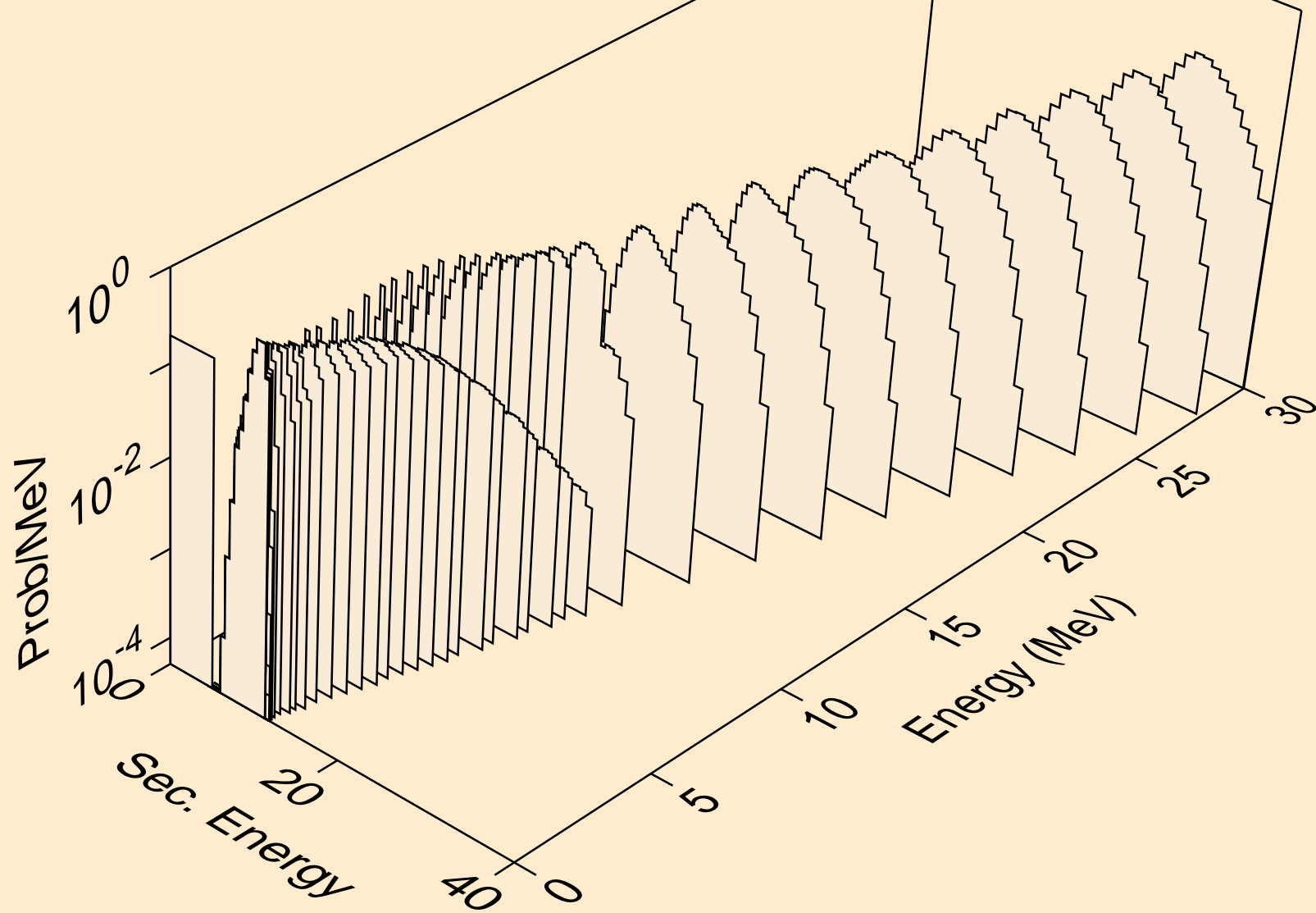
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)

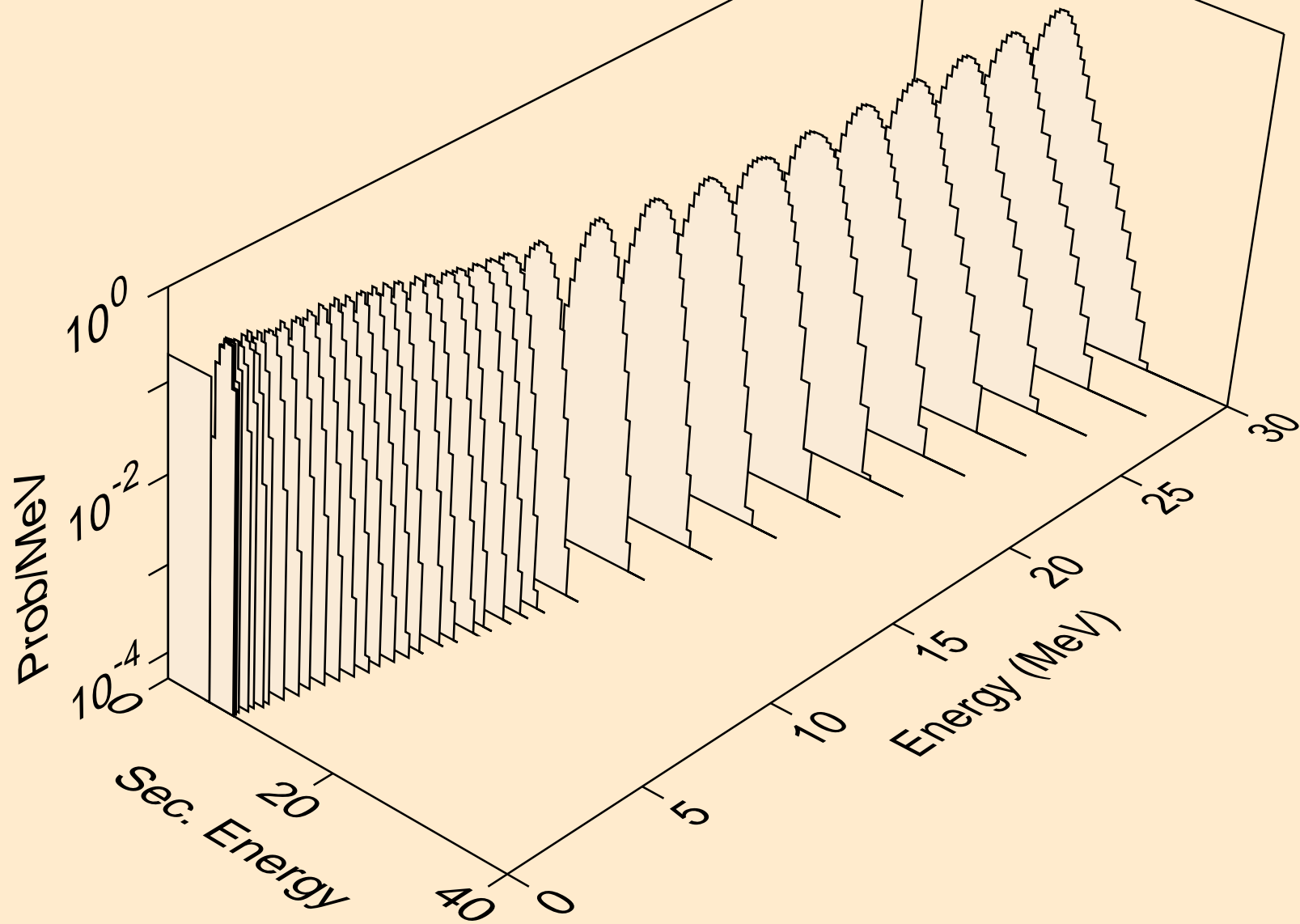


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alphas from (n,a)

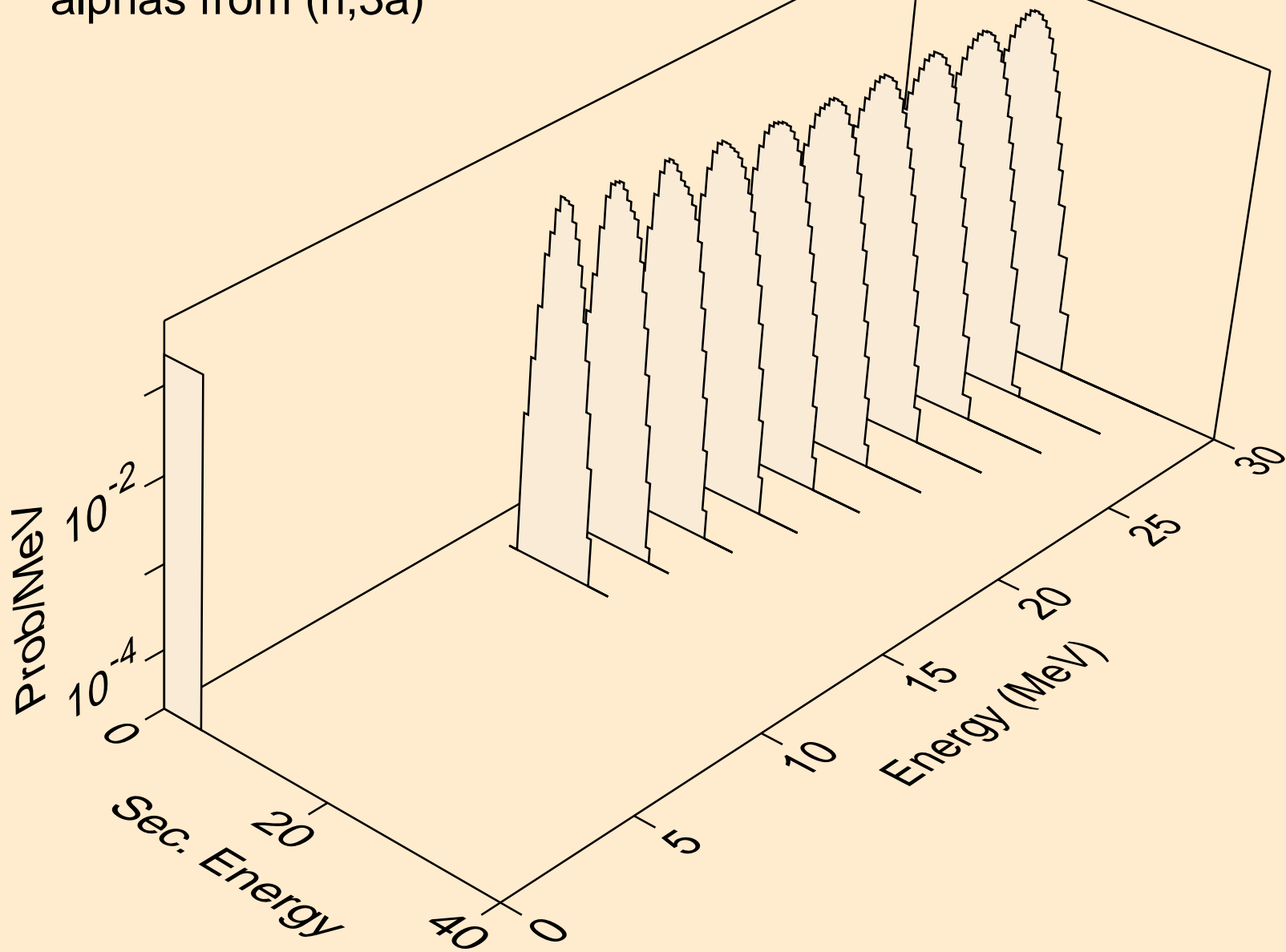




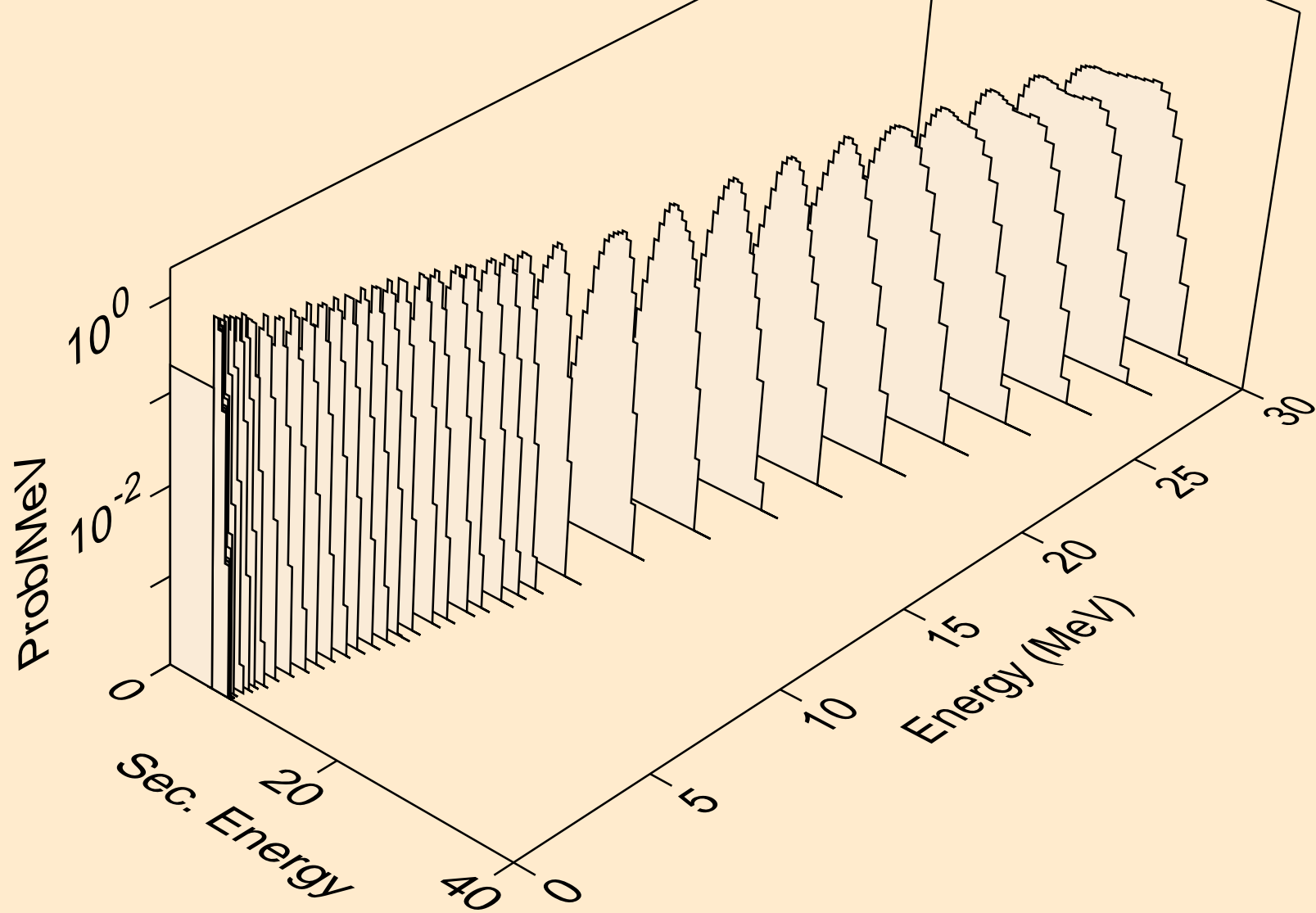
ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



ER150 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

