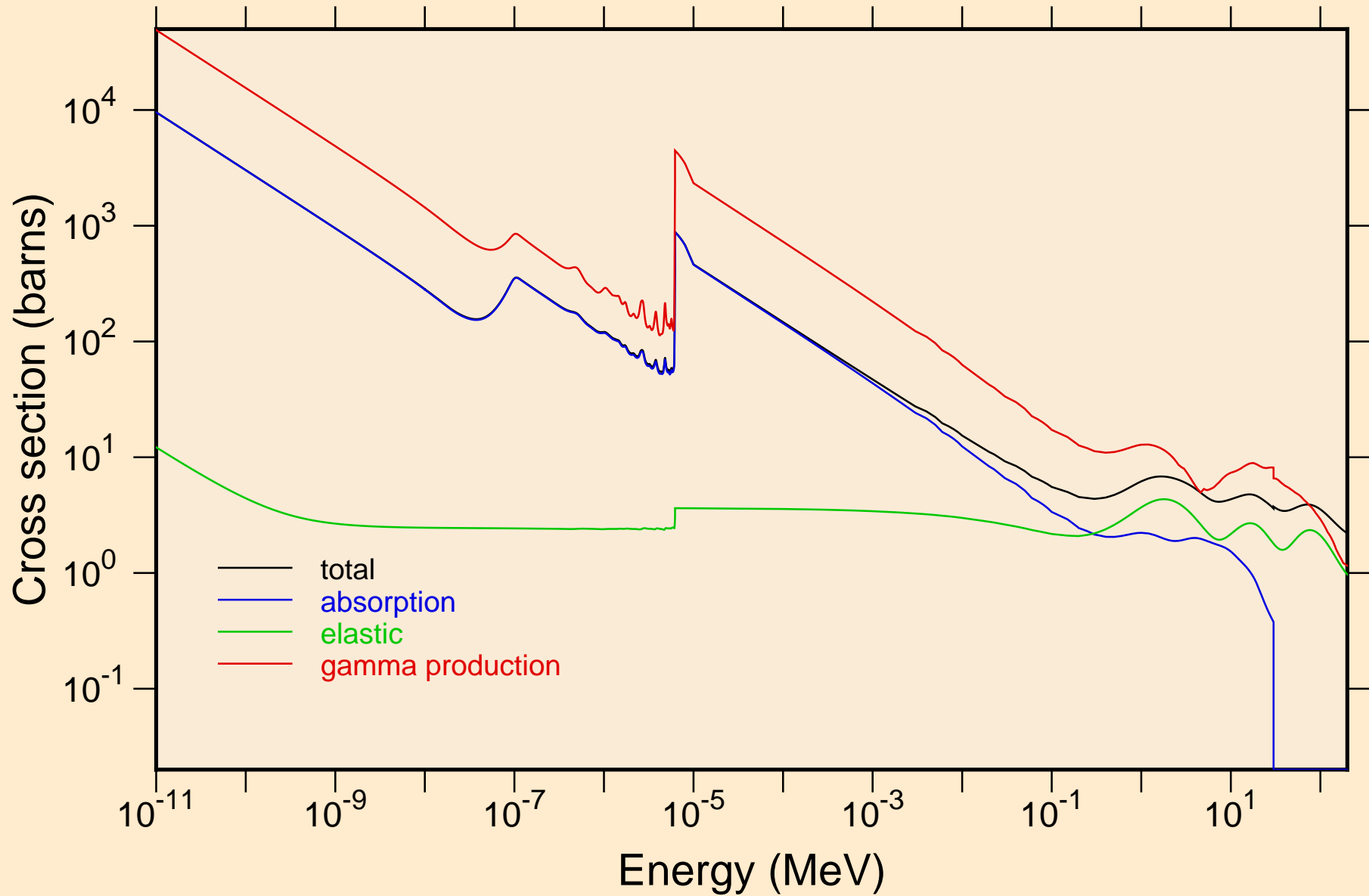
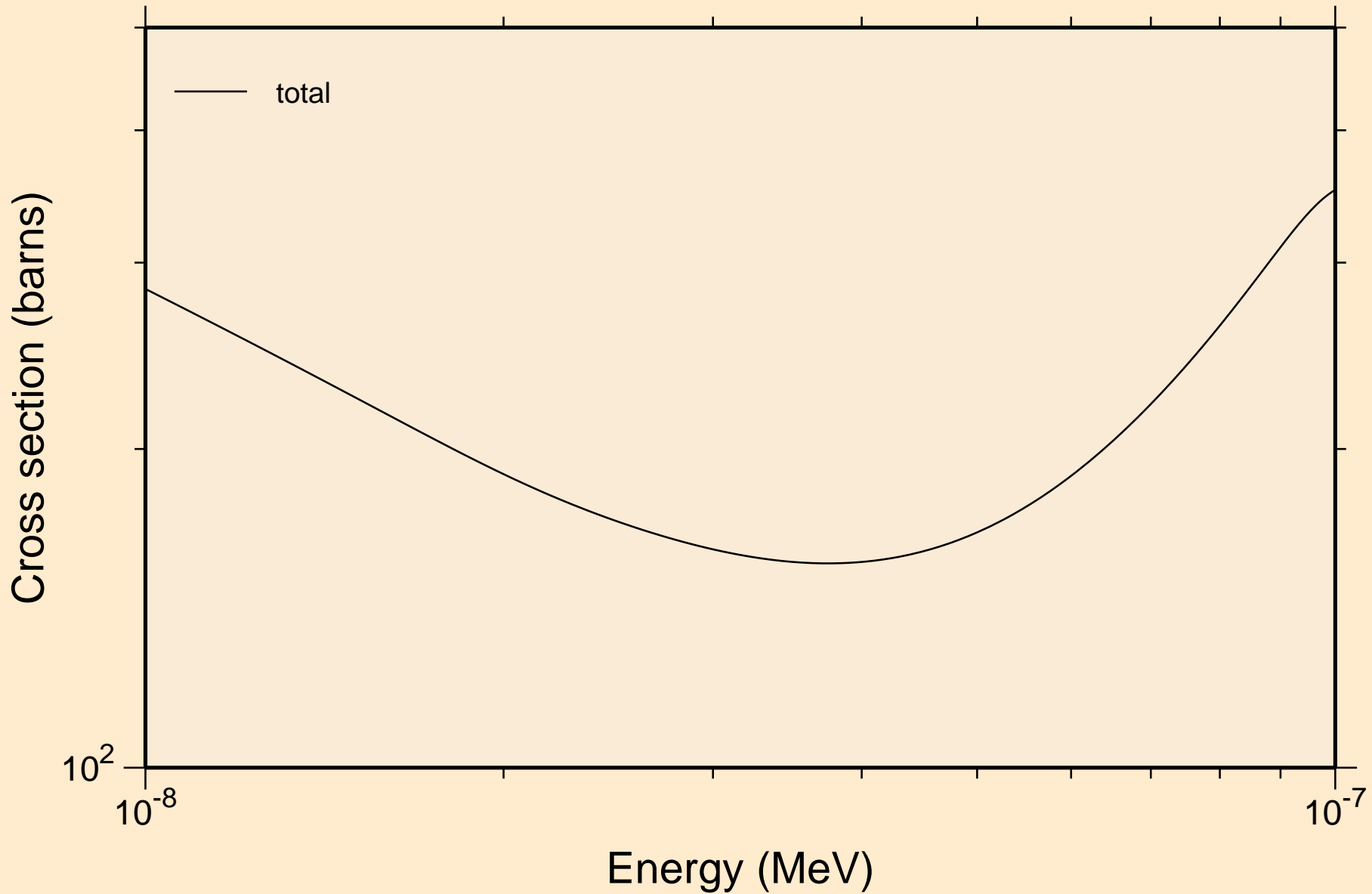


# SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

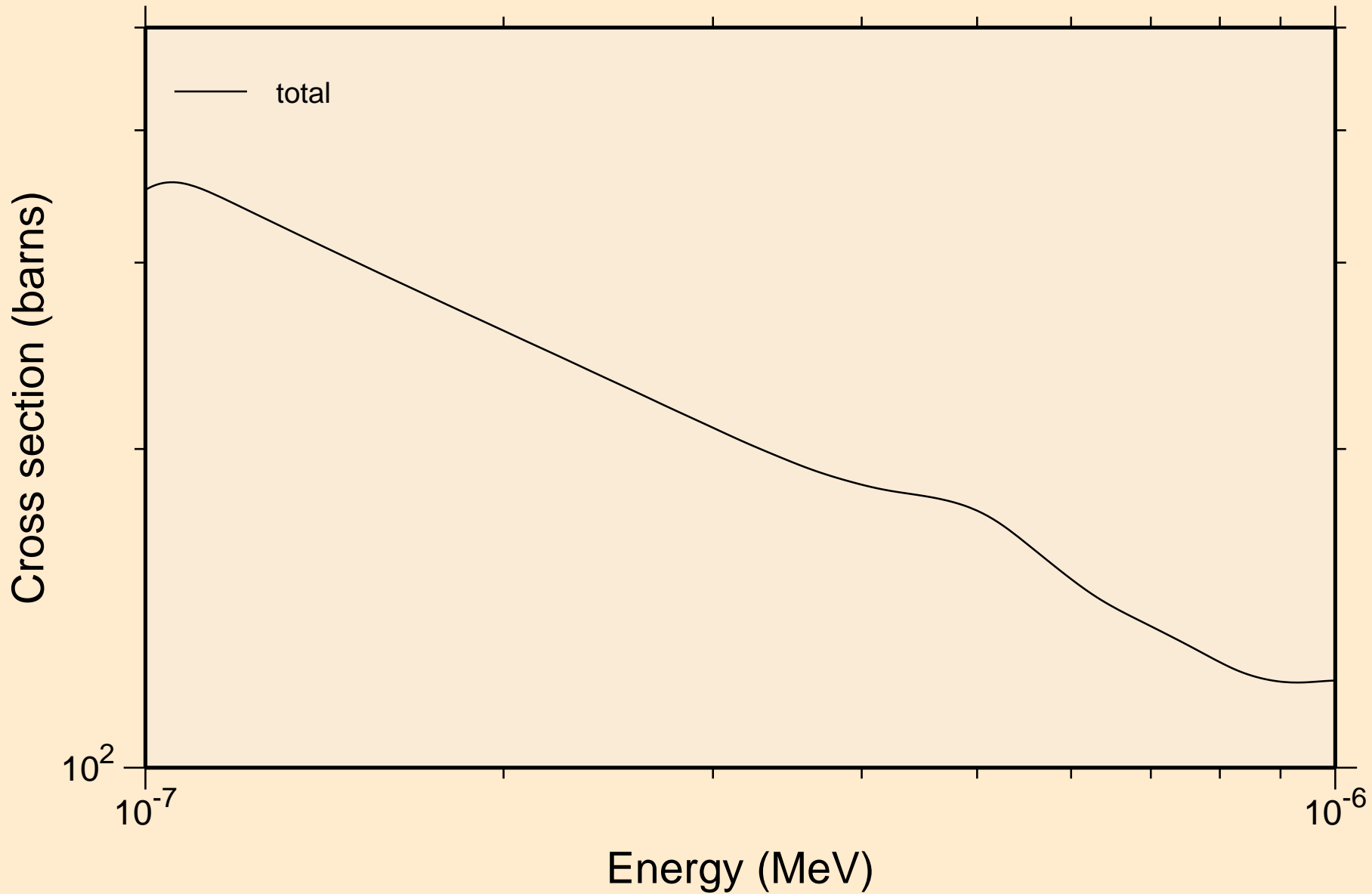
## Principal cross sections



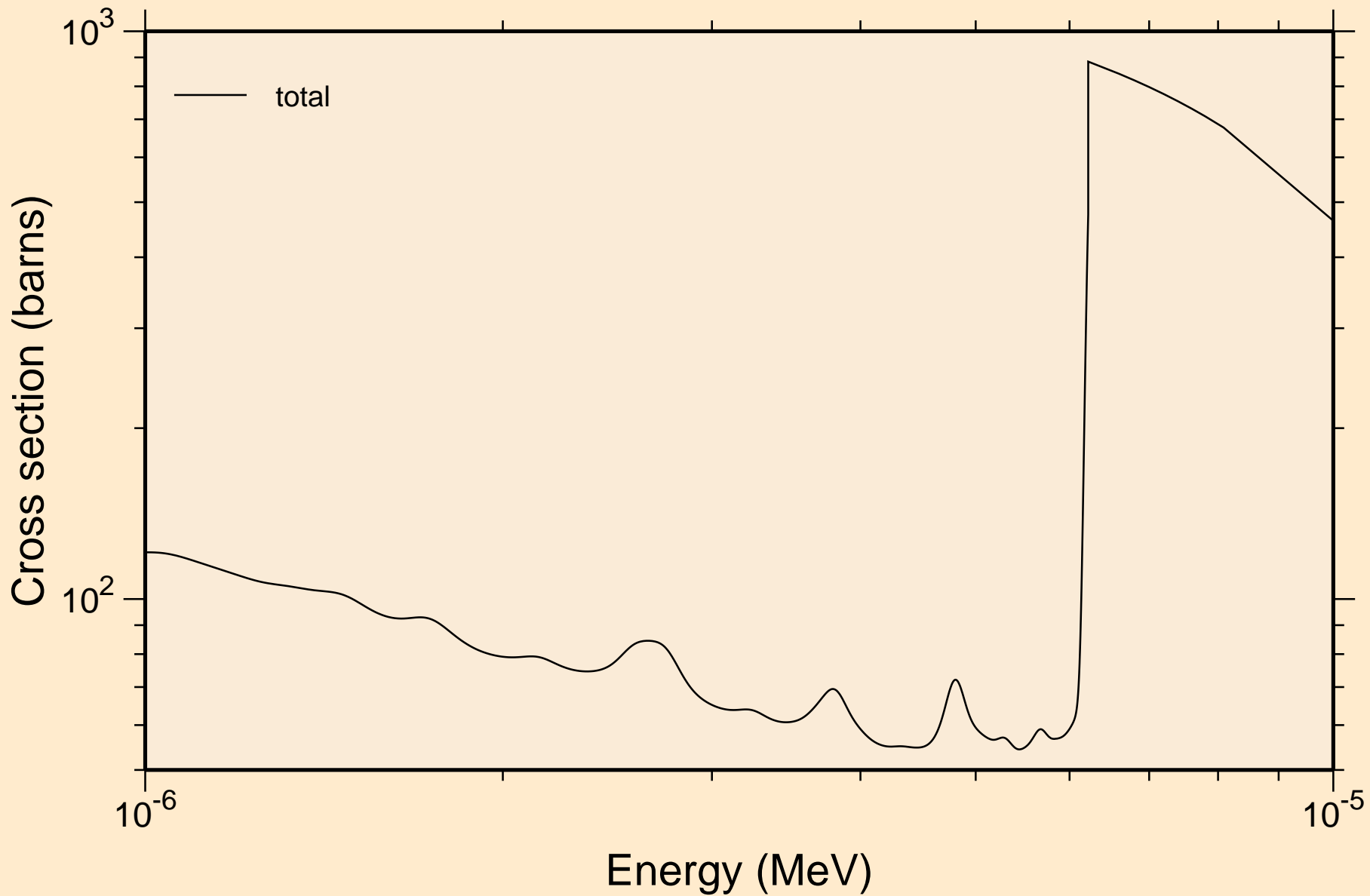
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



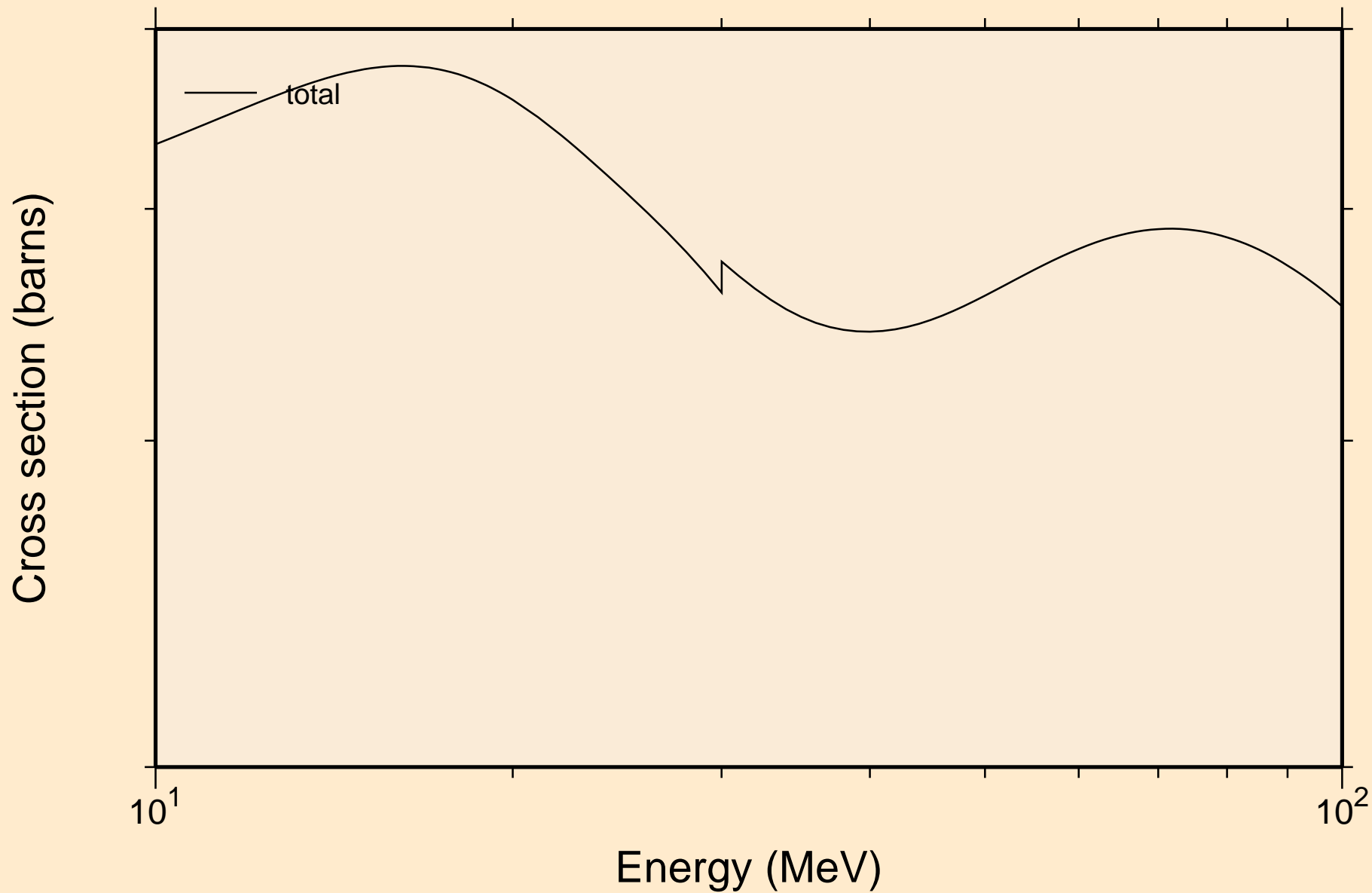
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



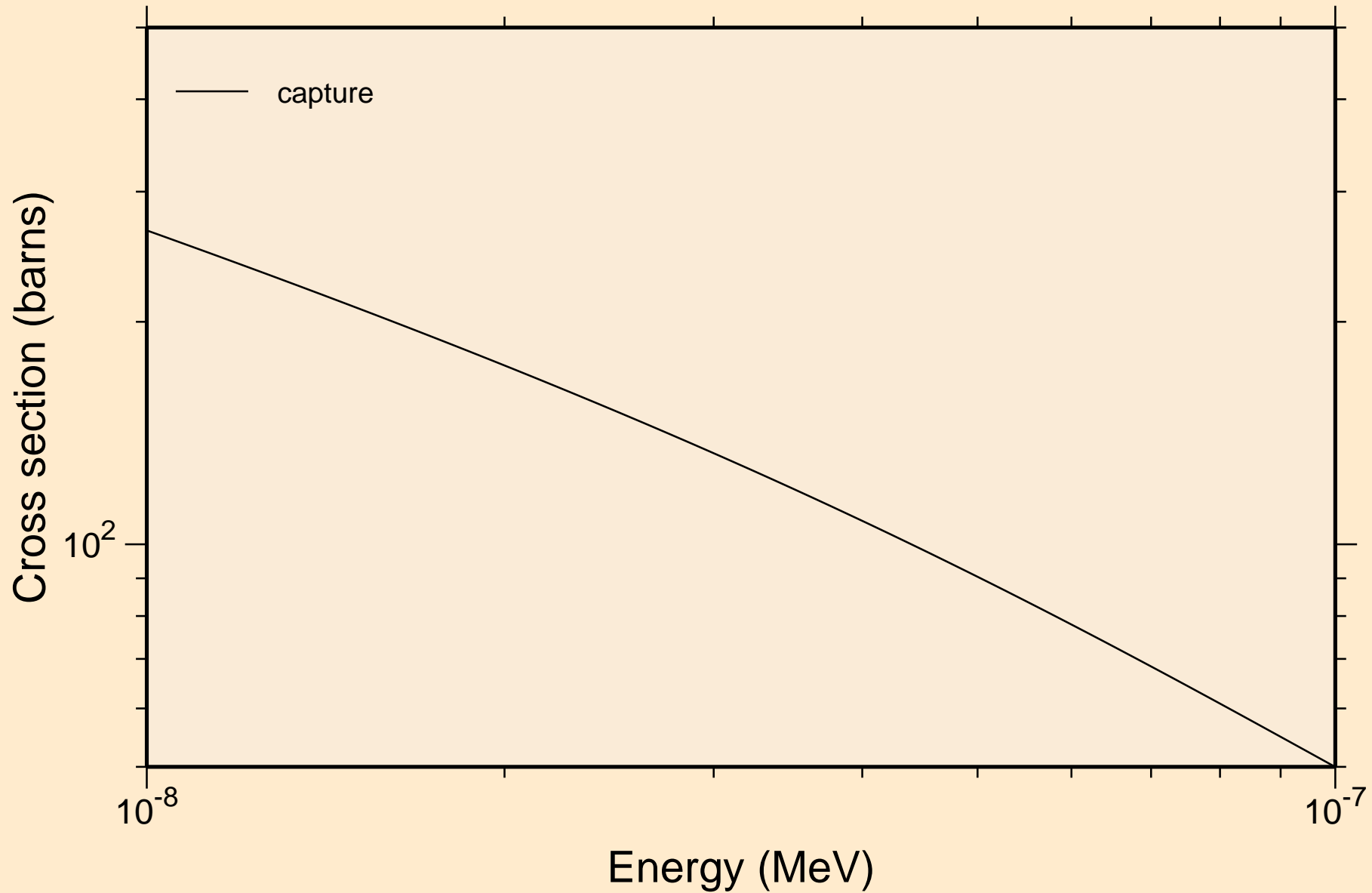
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



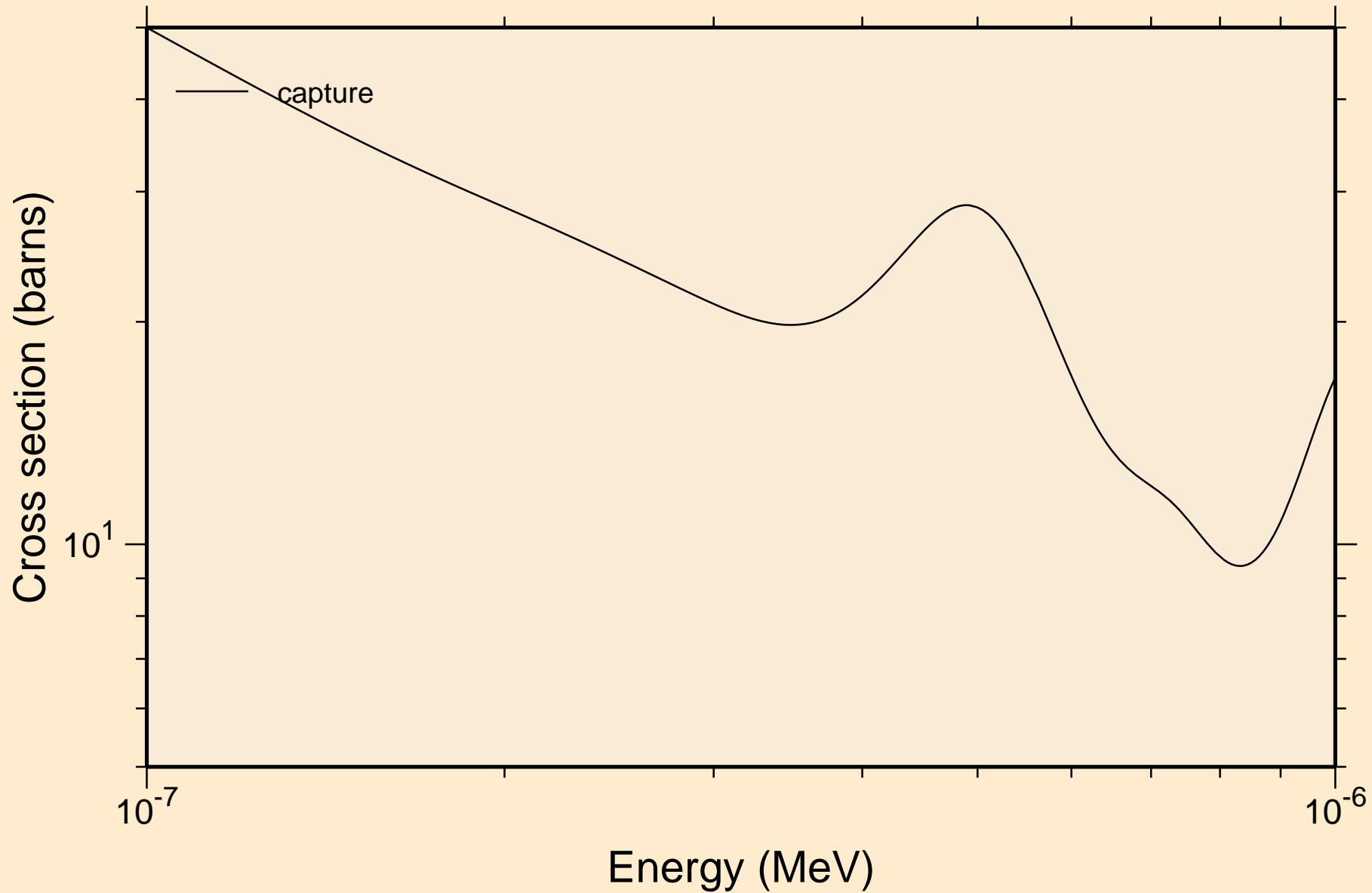
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



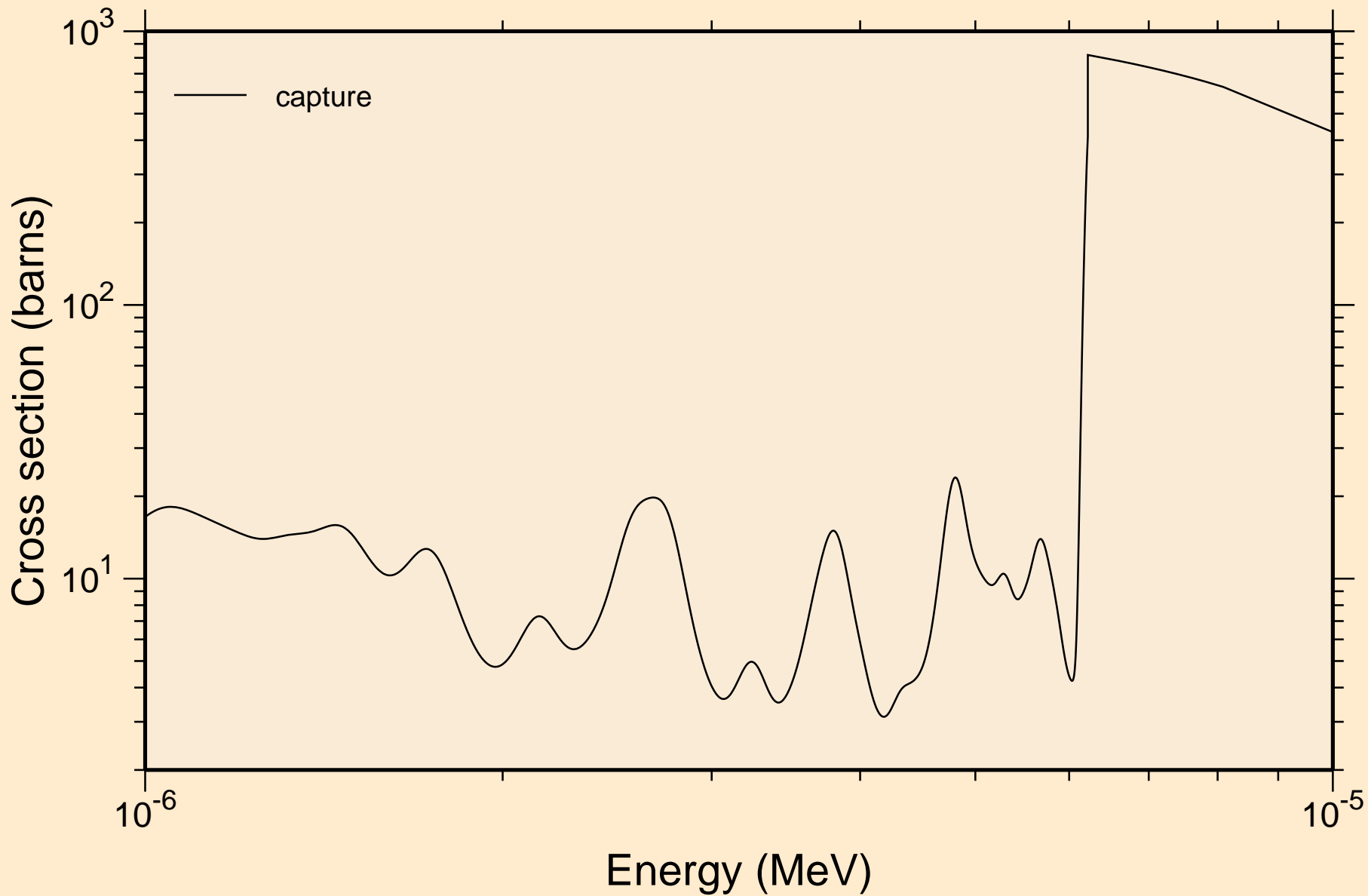
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

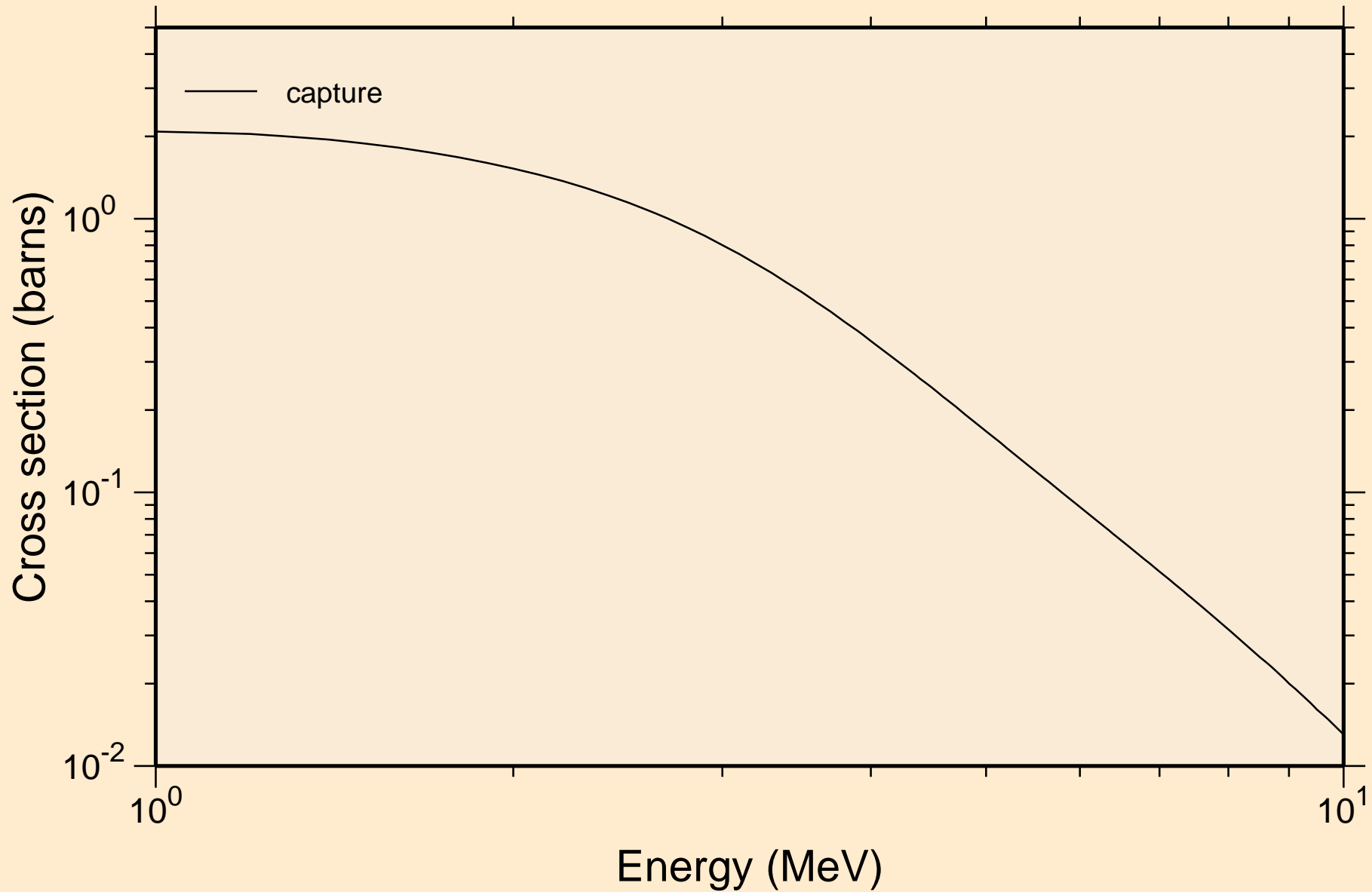


SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

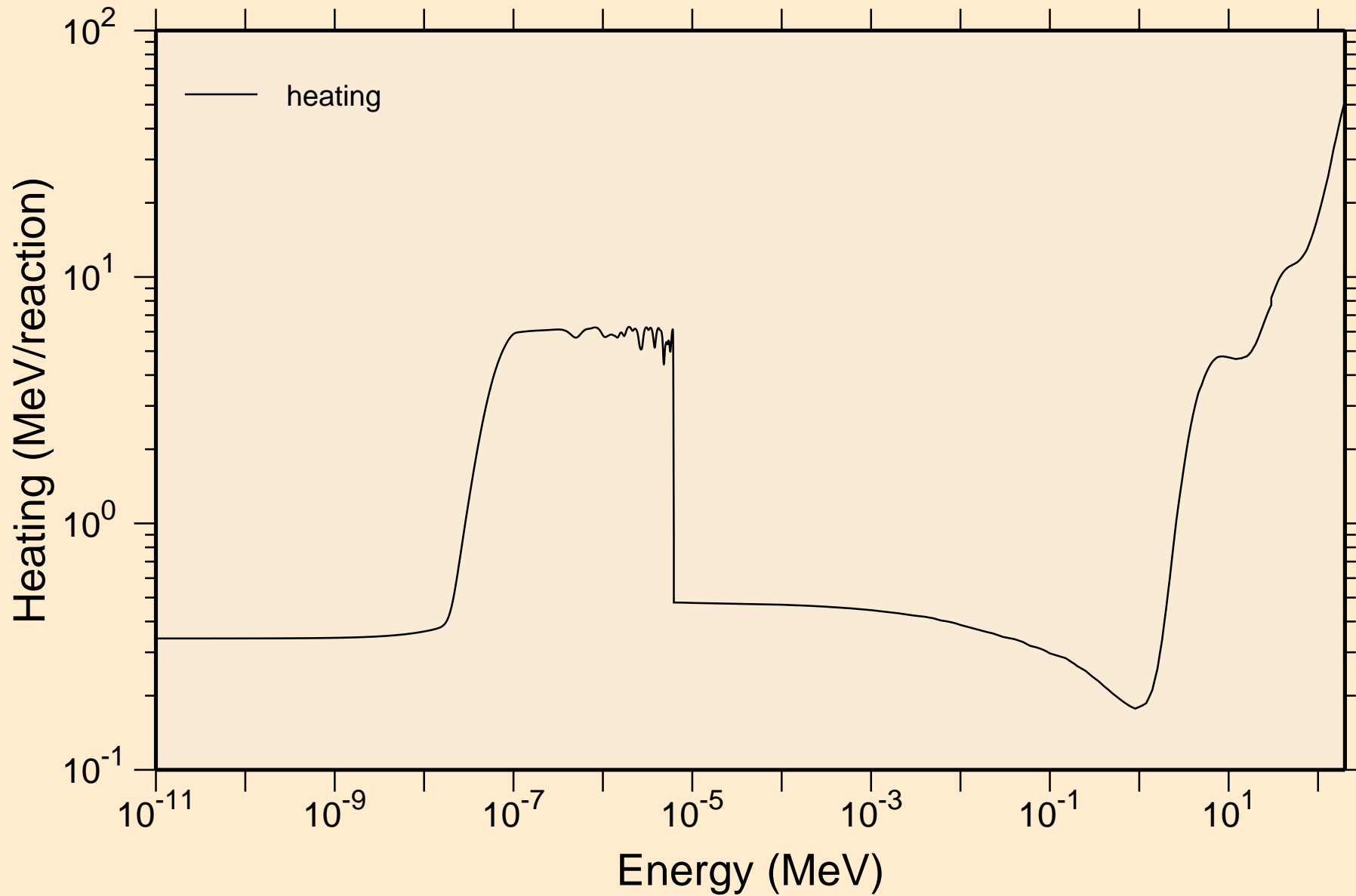




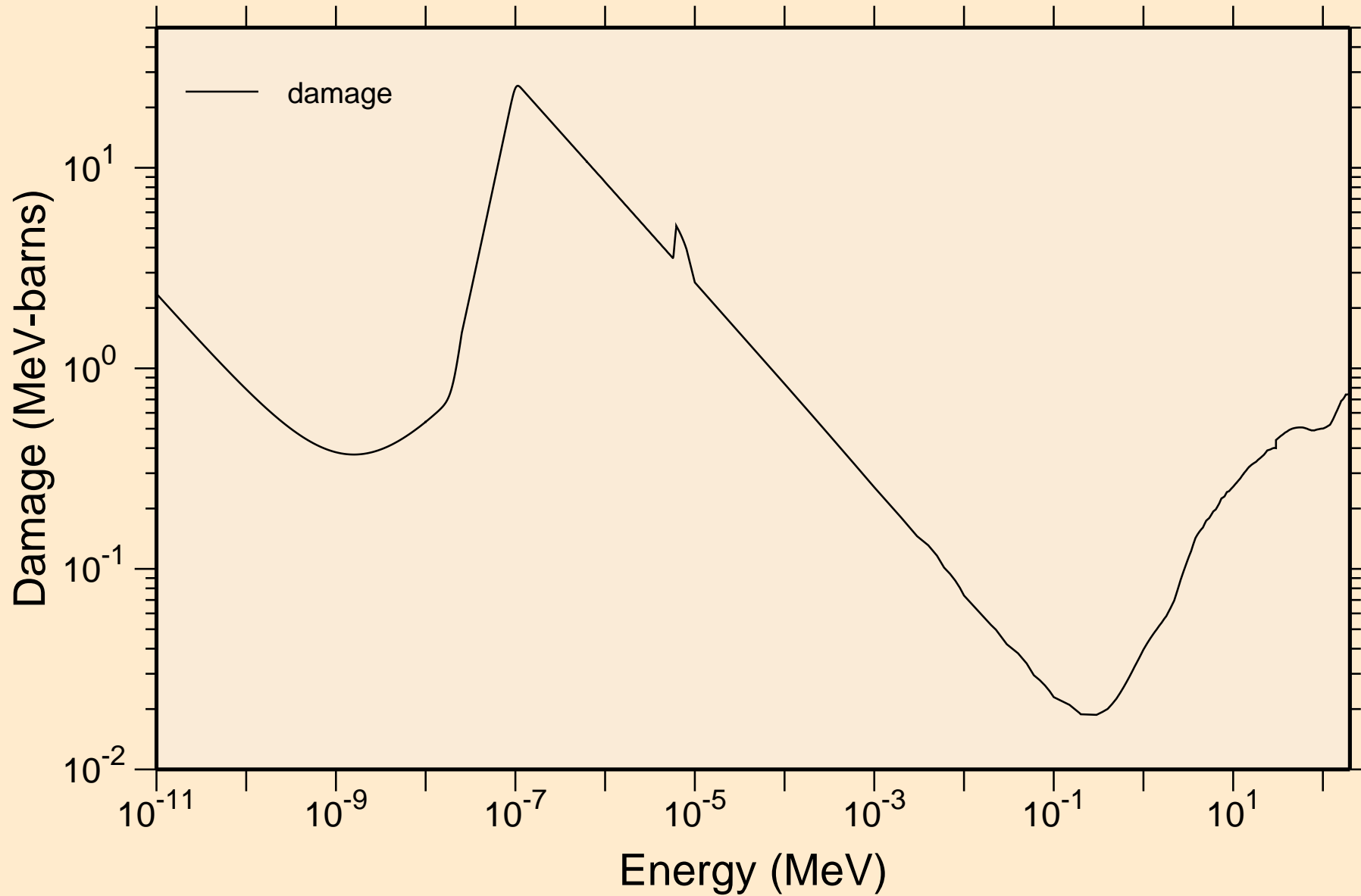
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

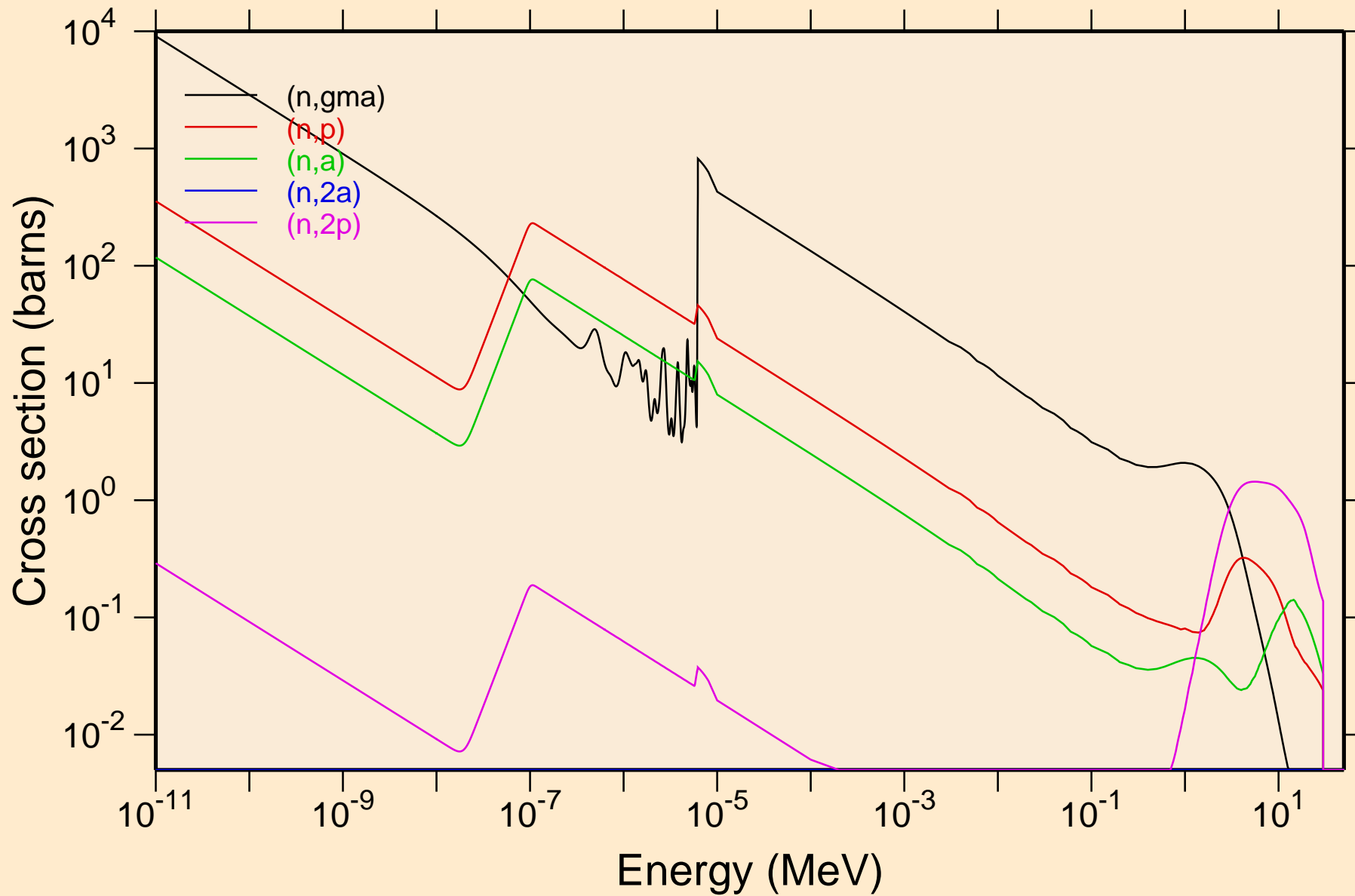


SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

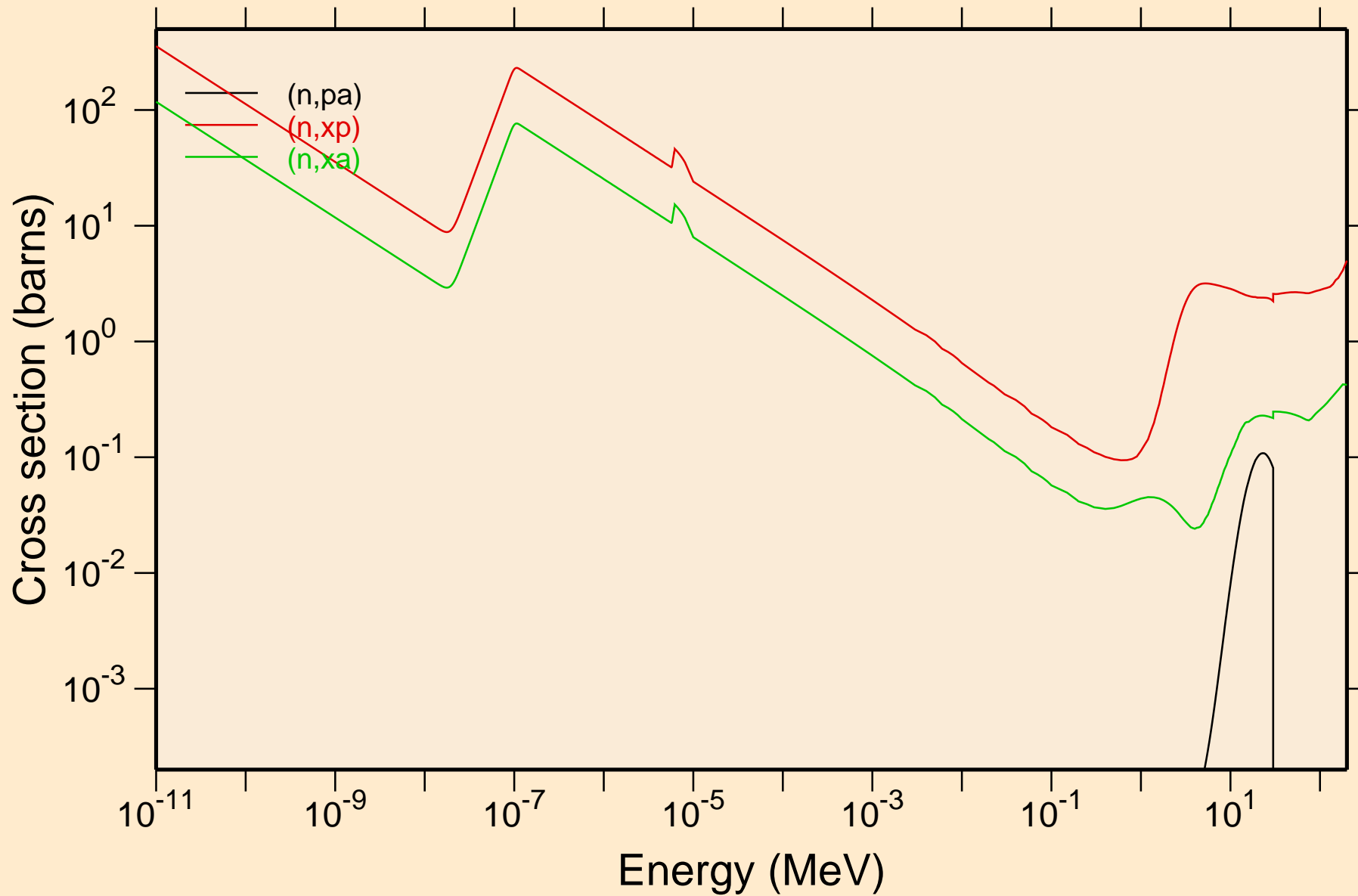


# SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

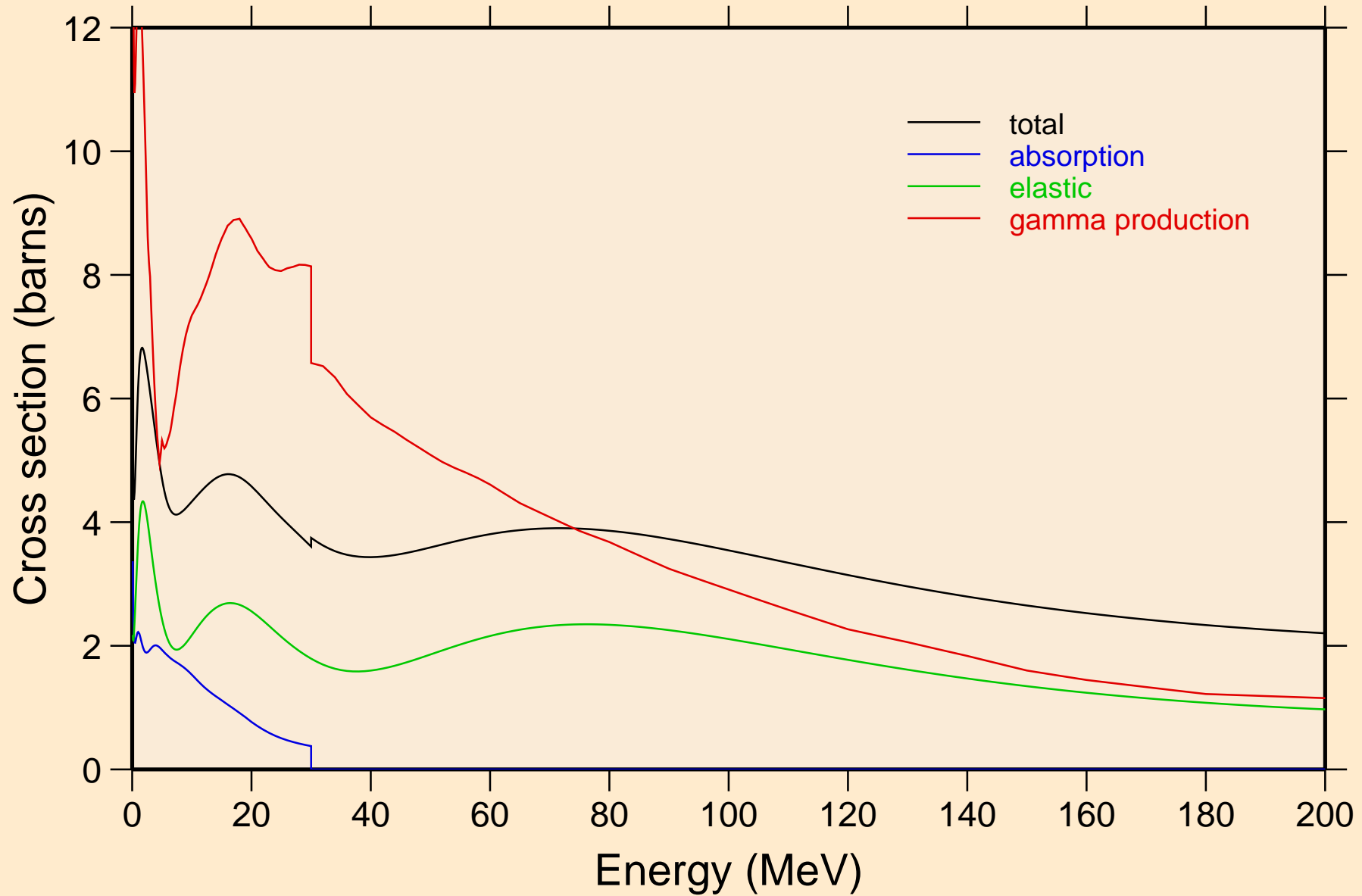
## Non-threshold reactions



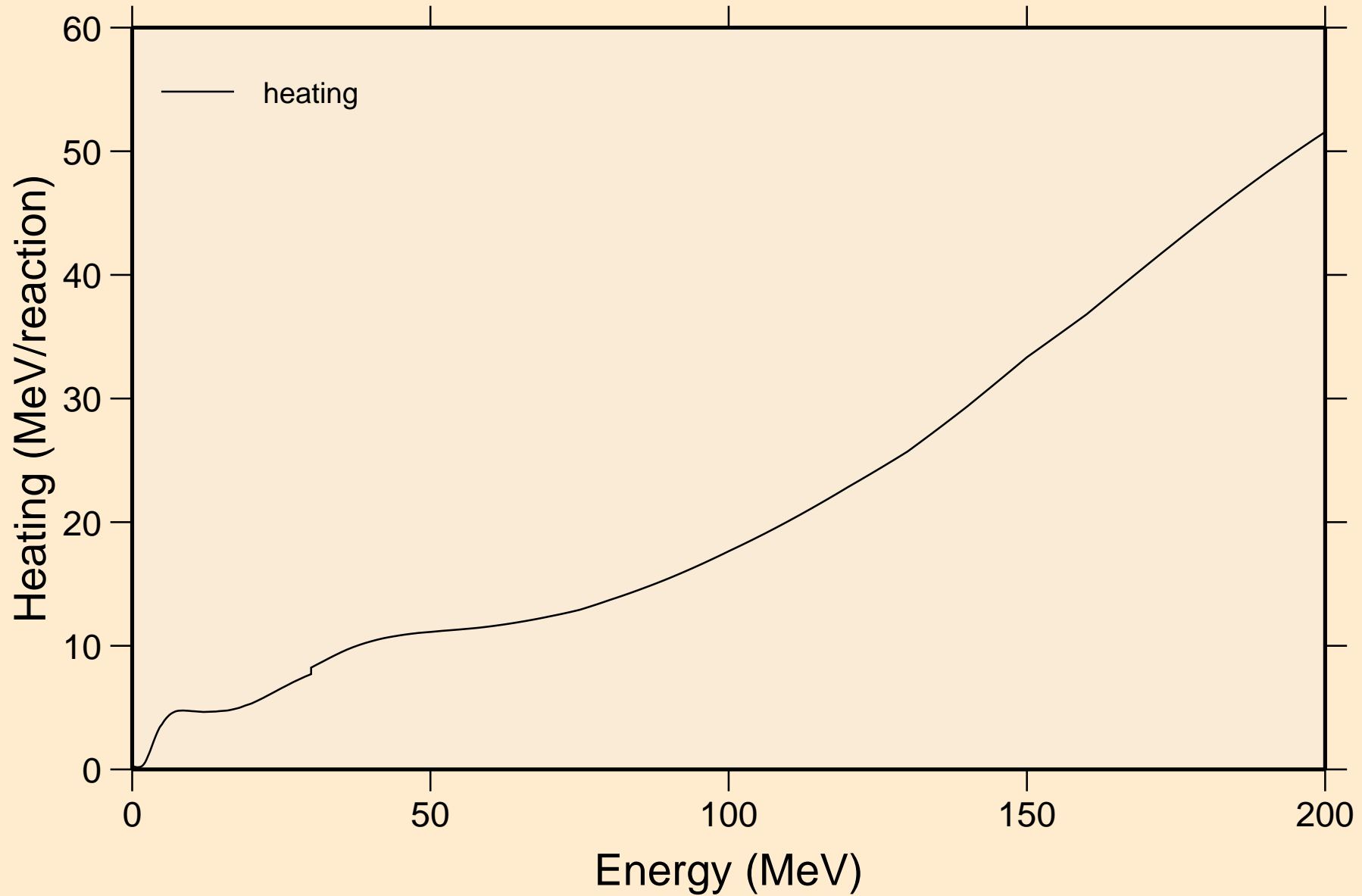
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



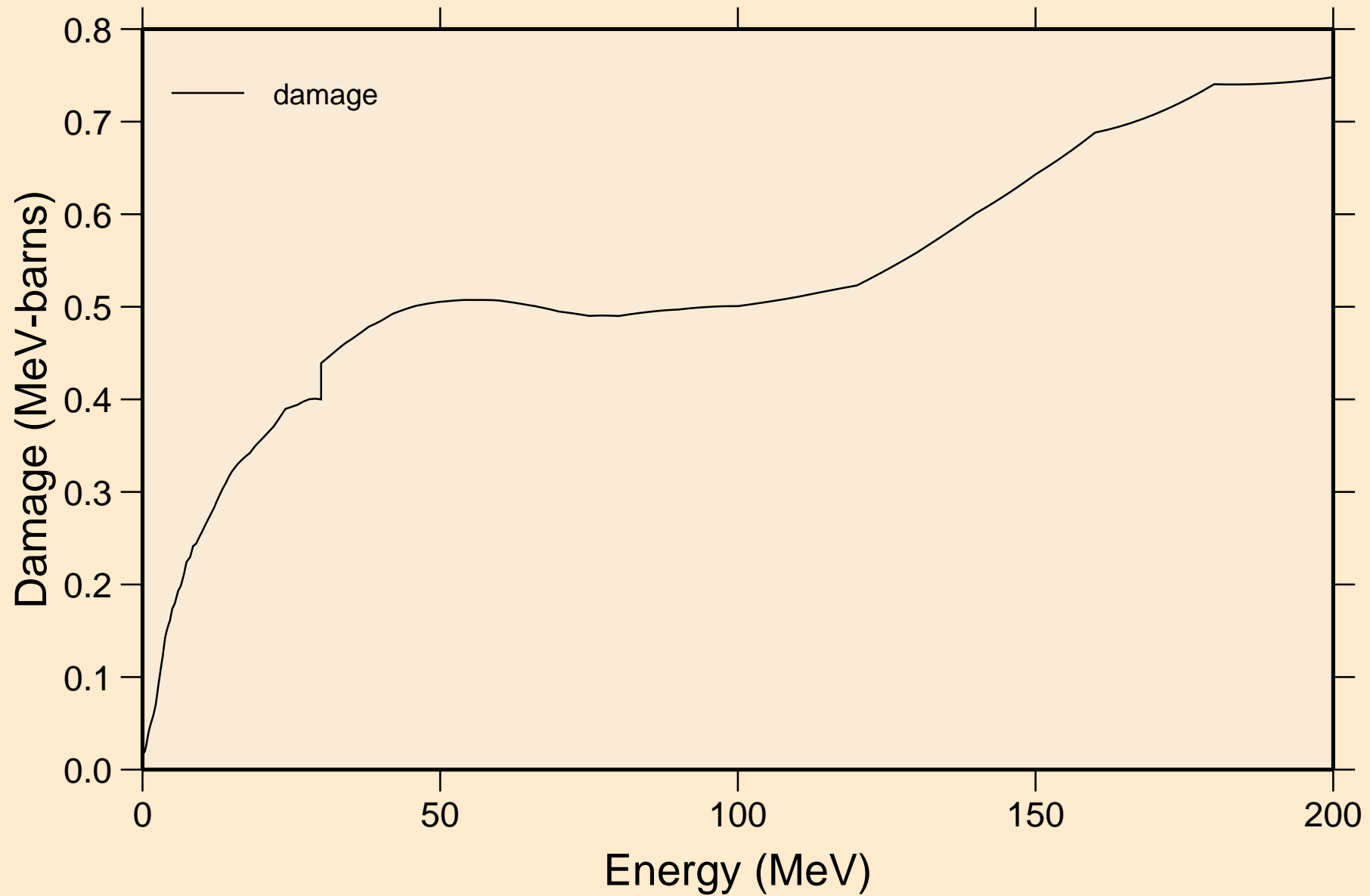
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

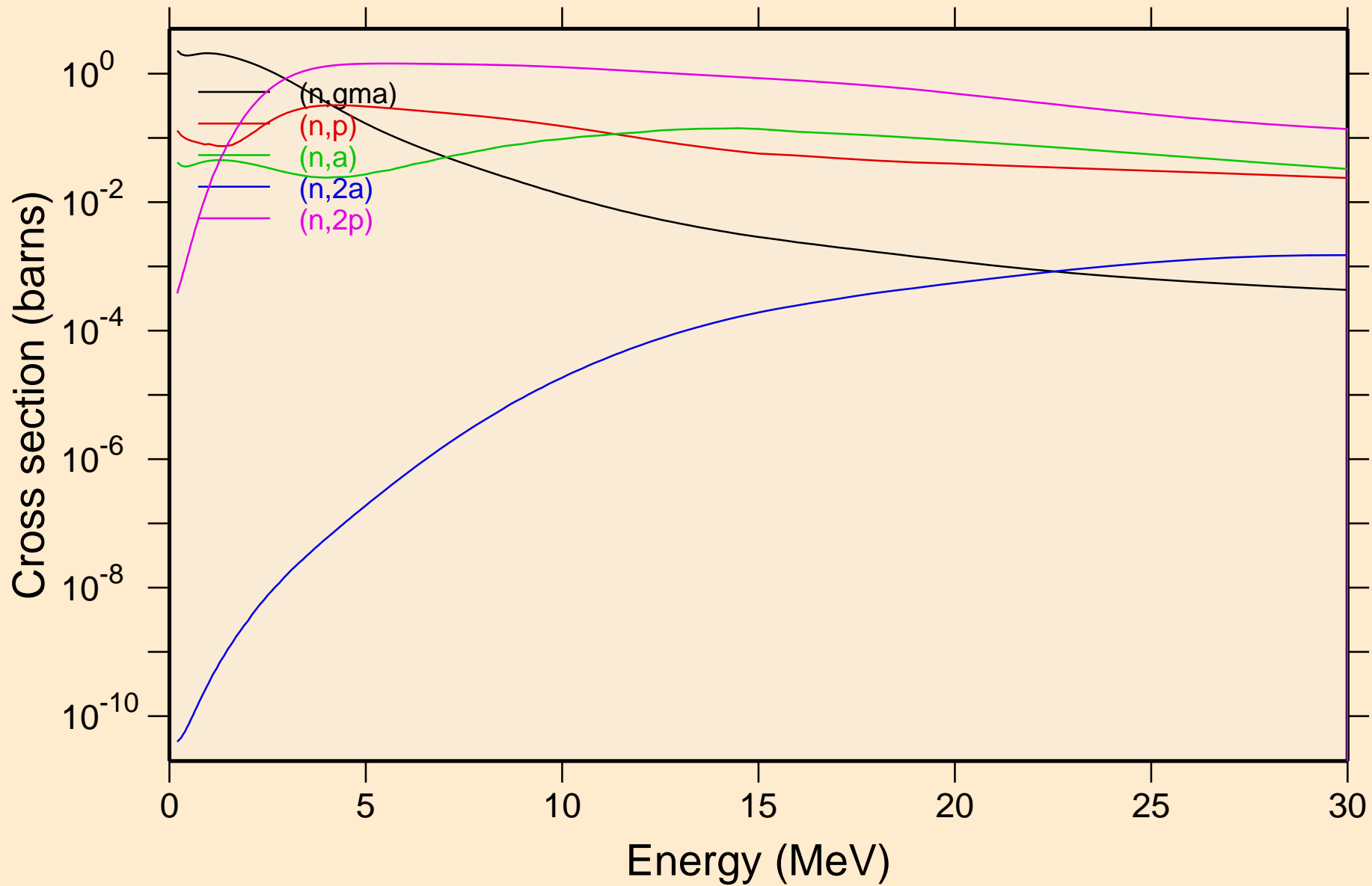


SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

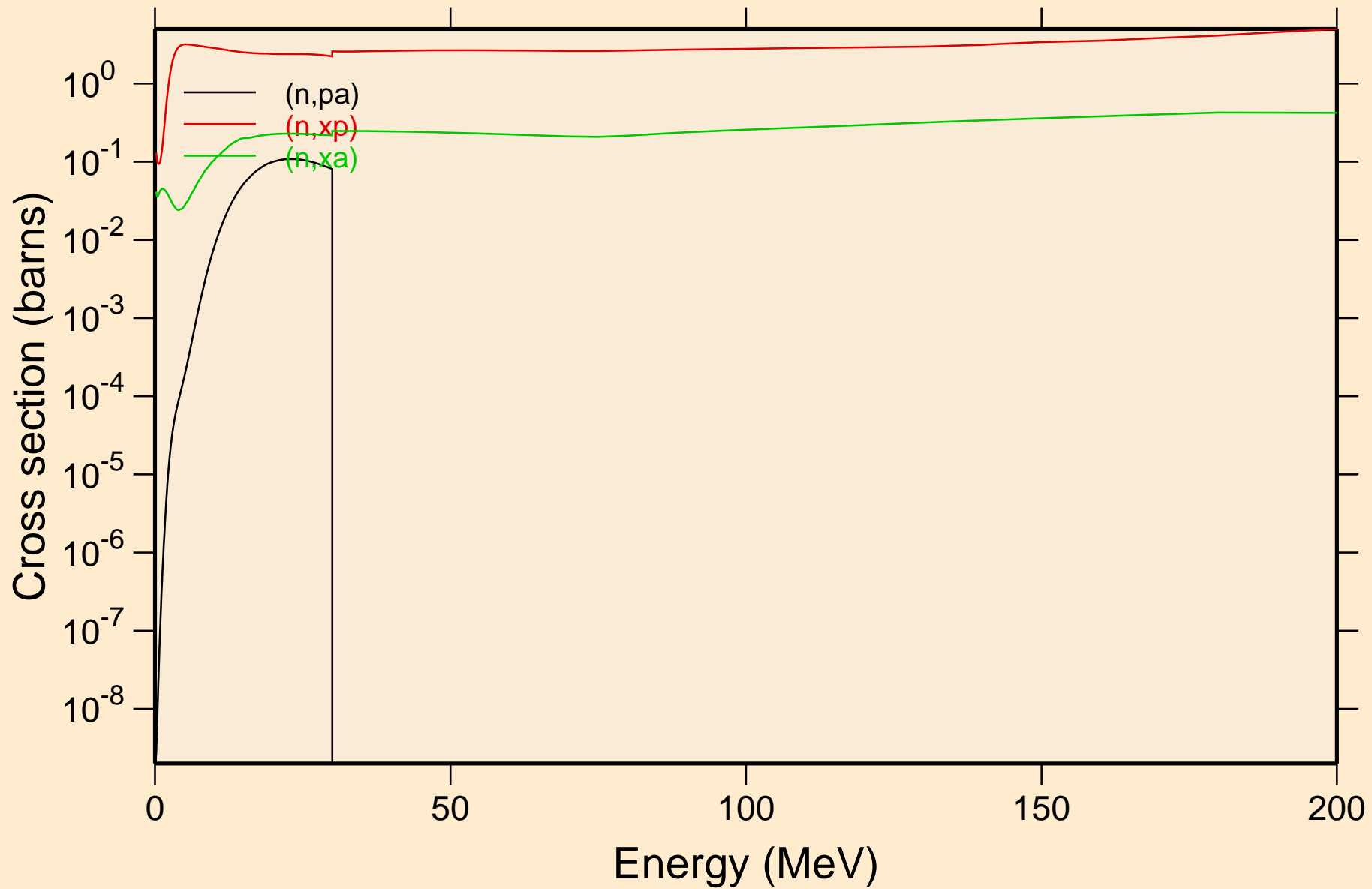




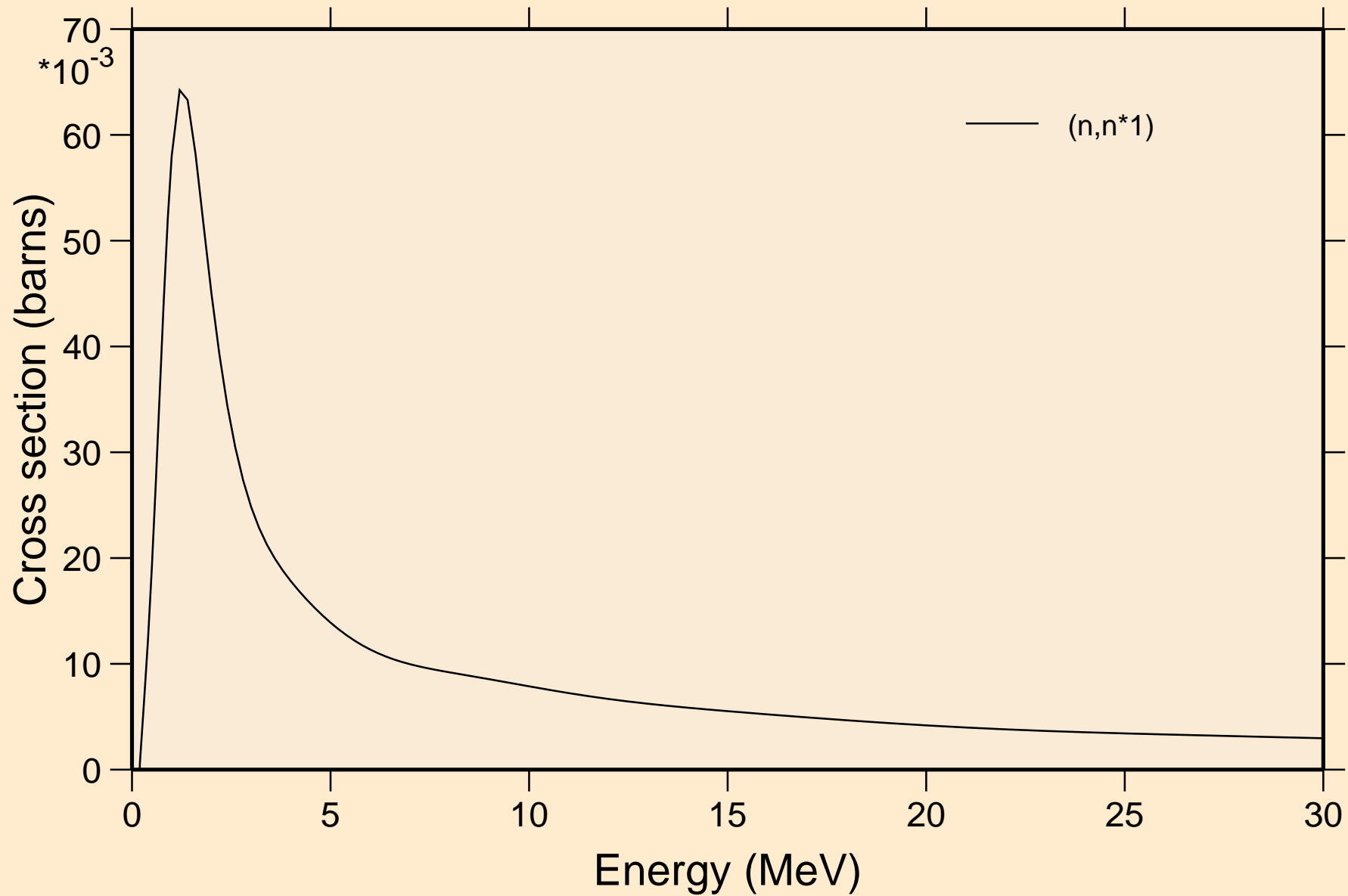
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



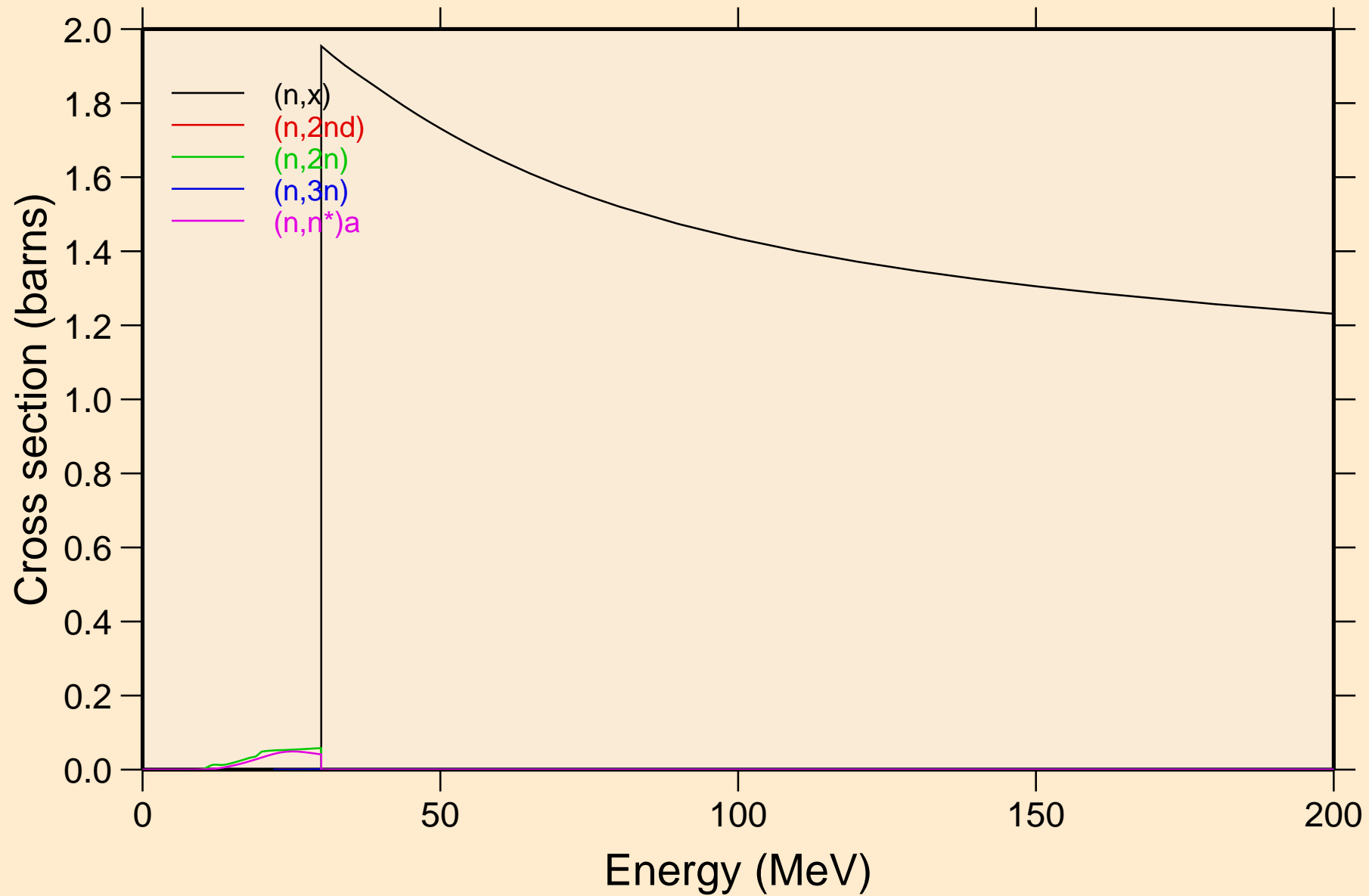
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



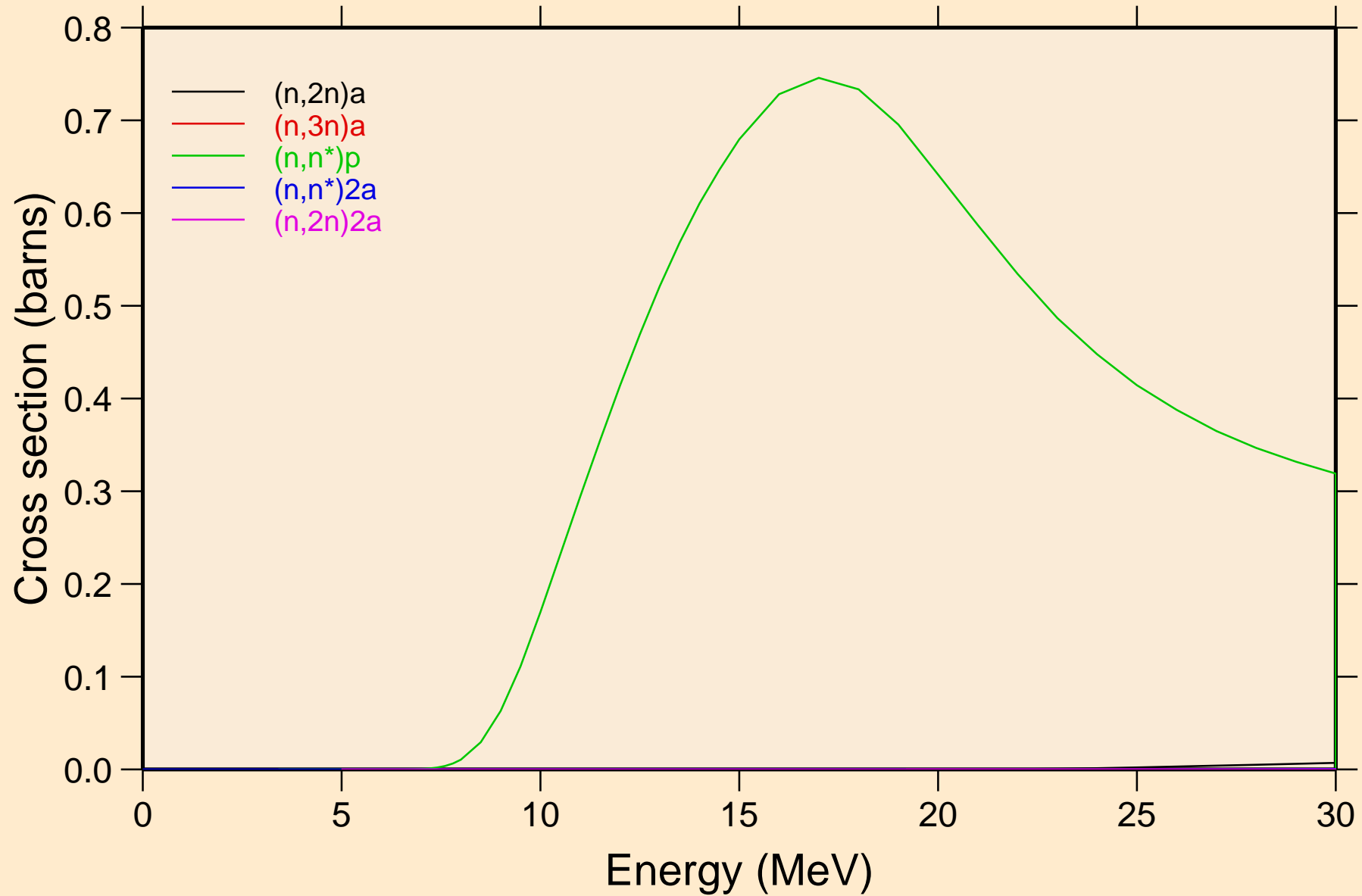
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

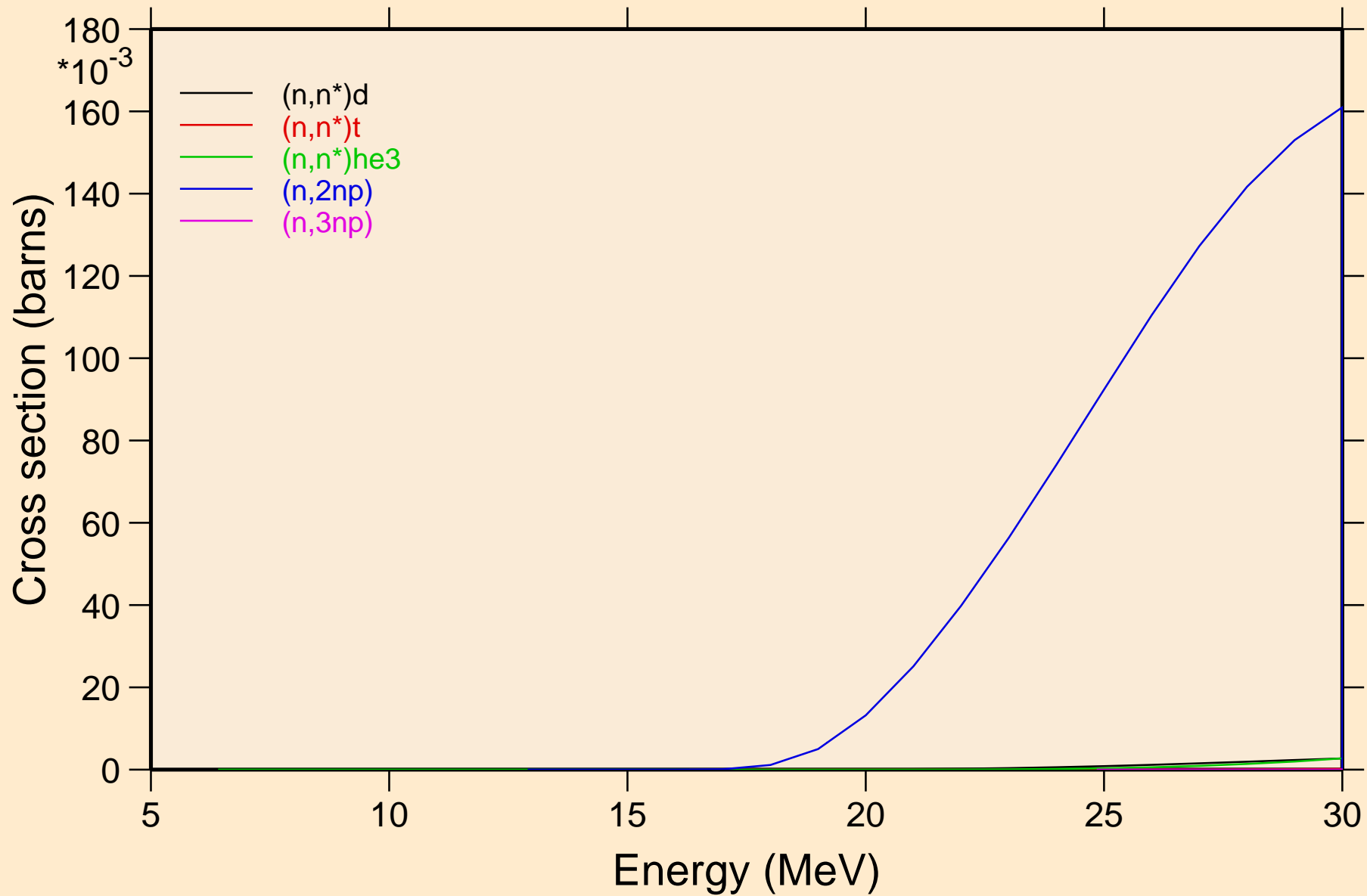


SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

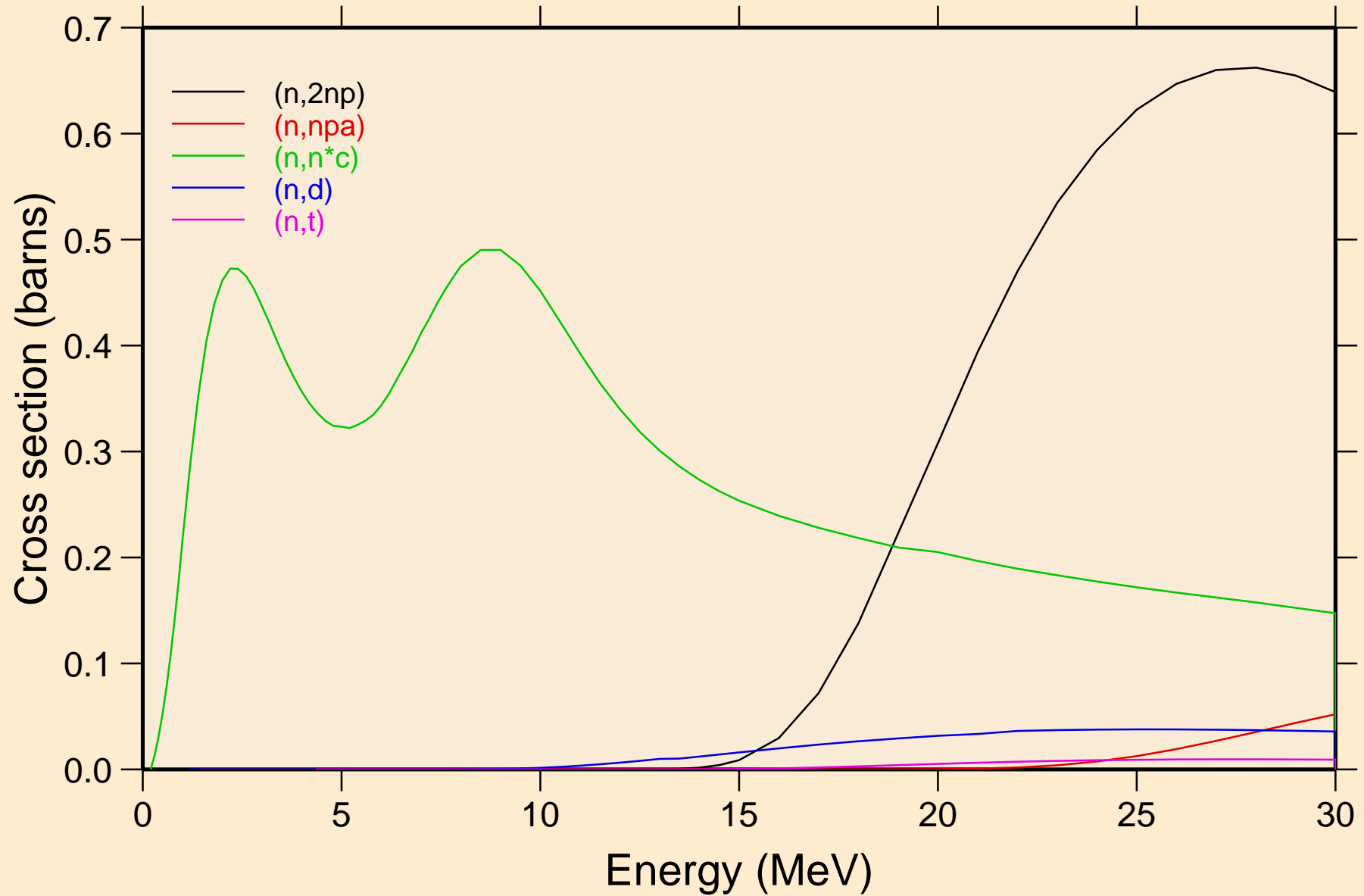


# SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

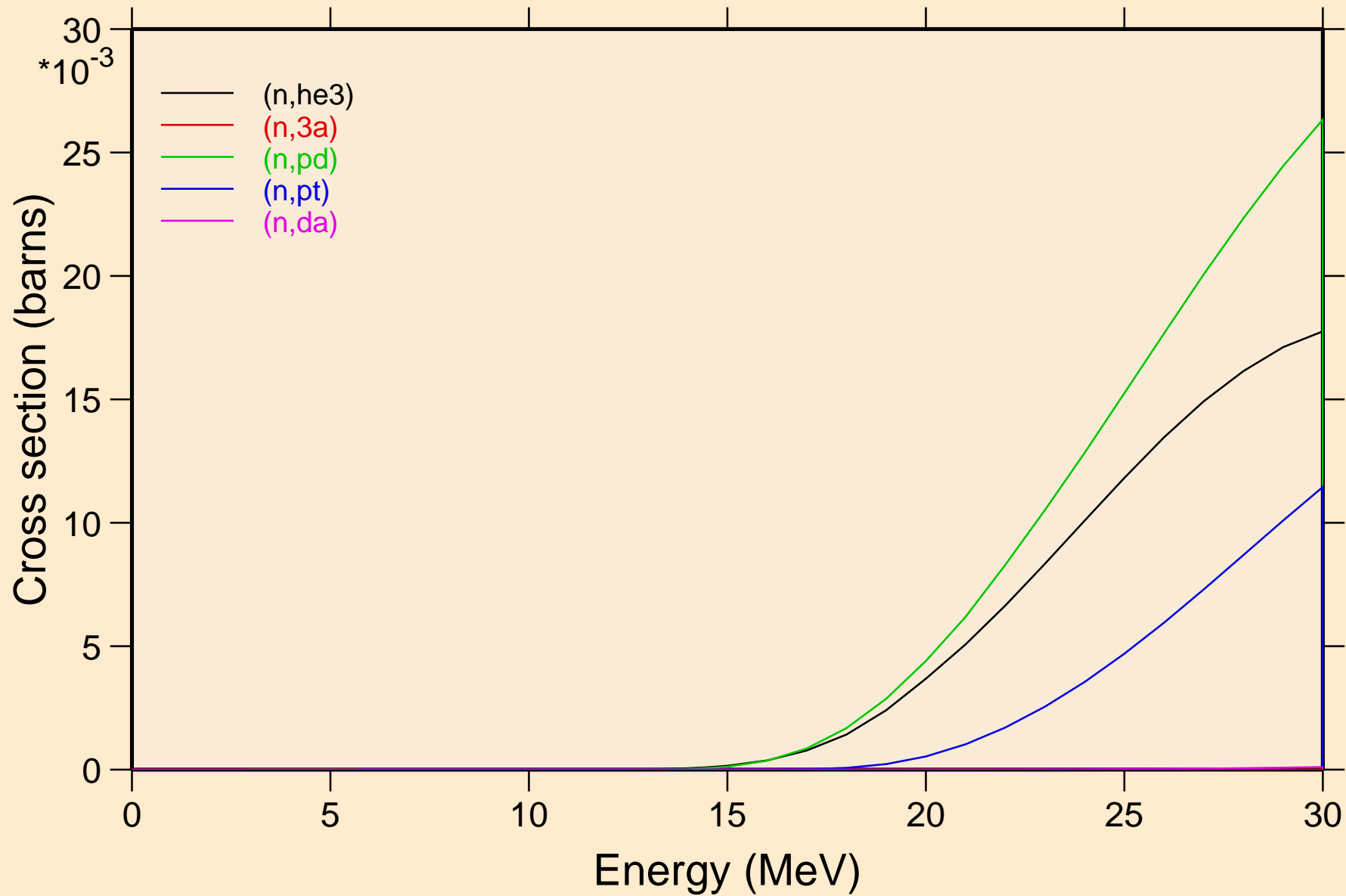
## Threshold reactions



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

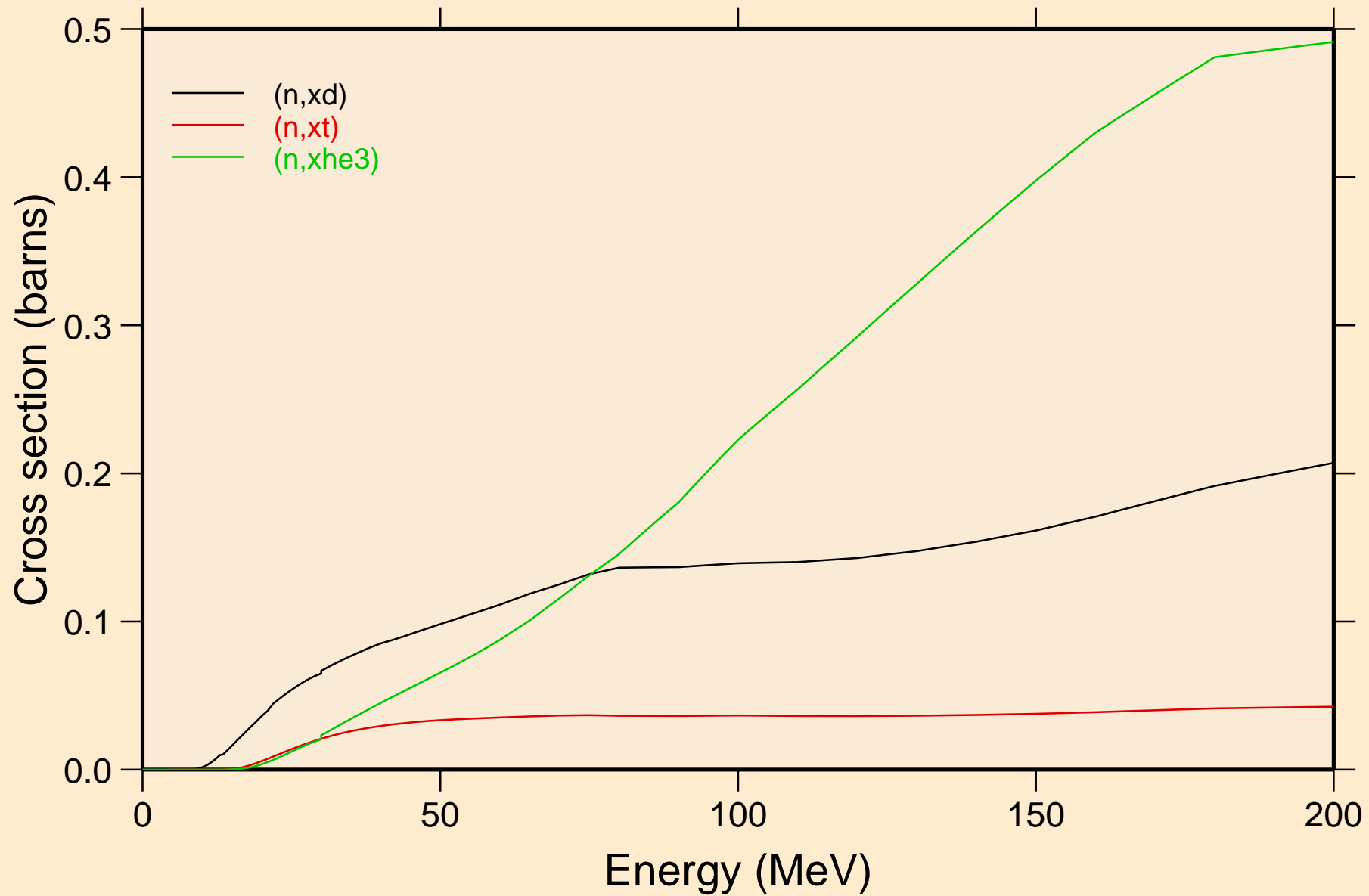


SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

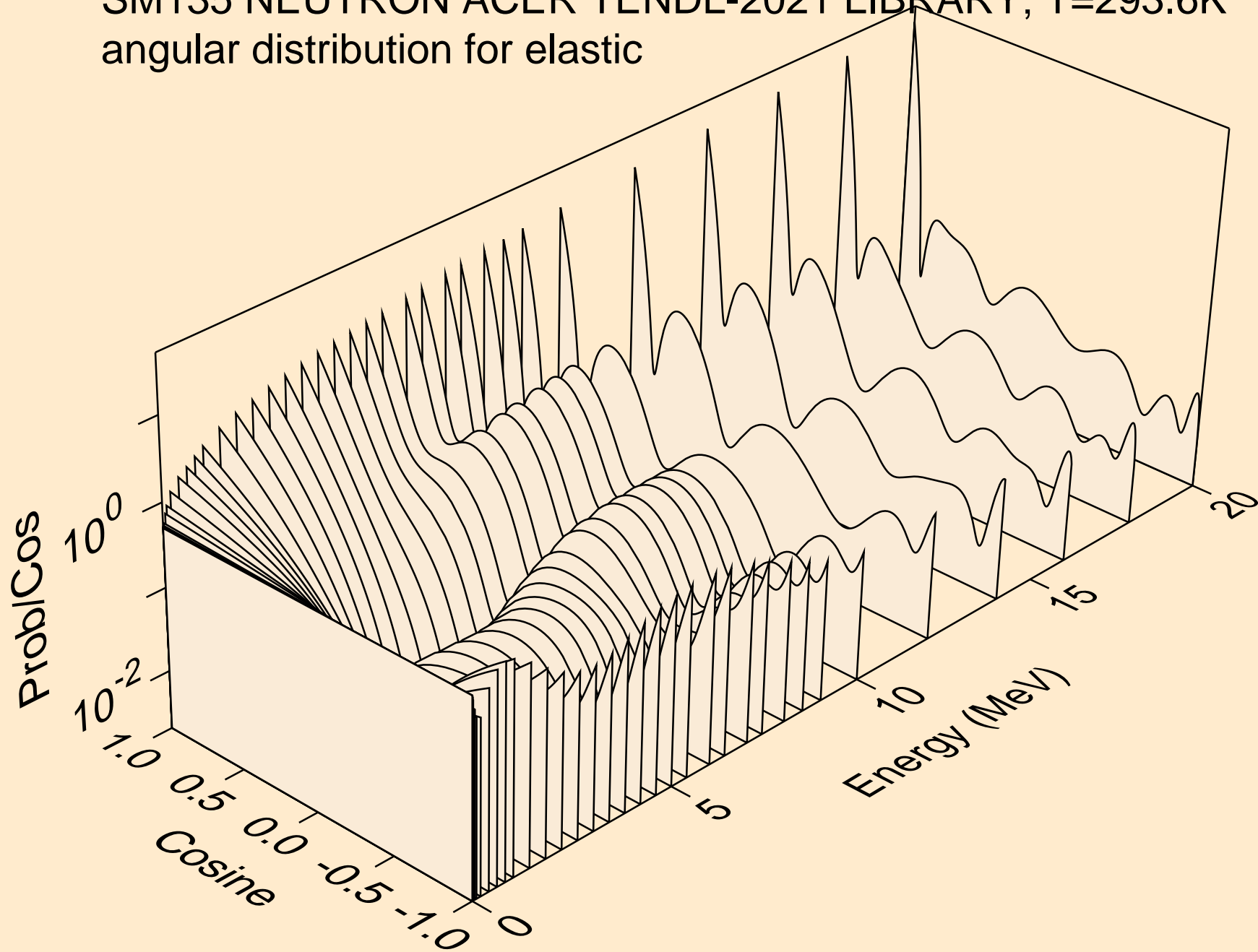




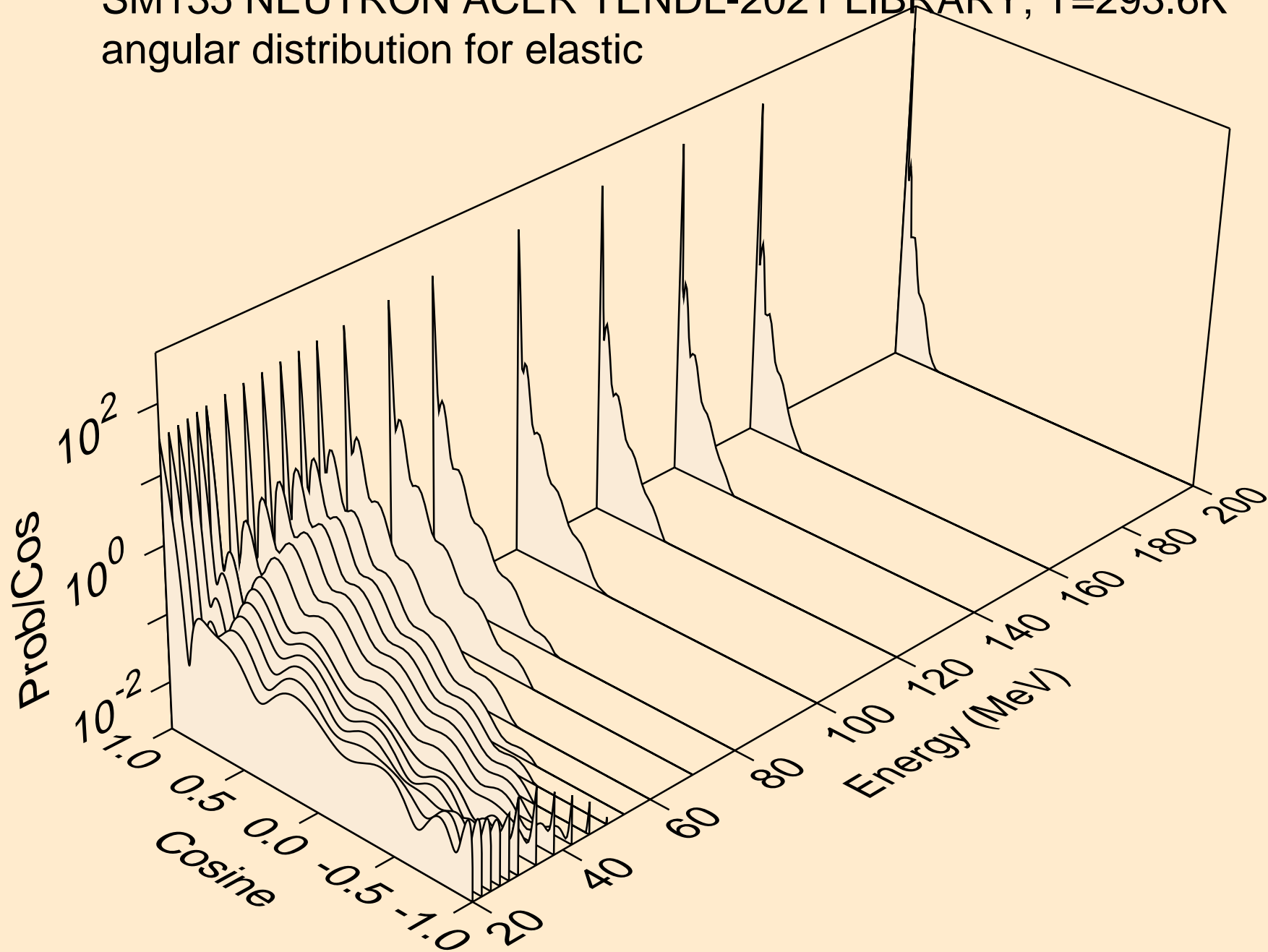
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



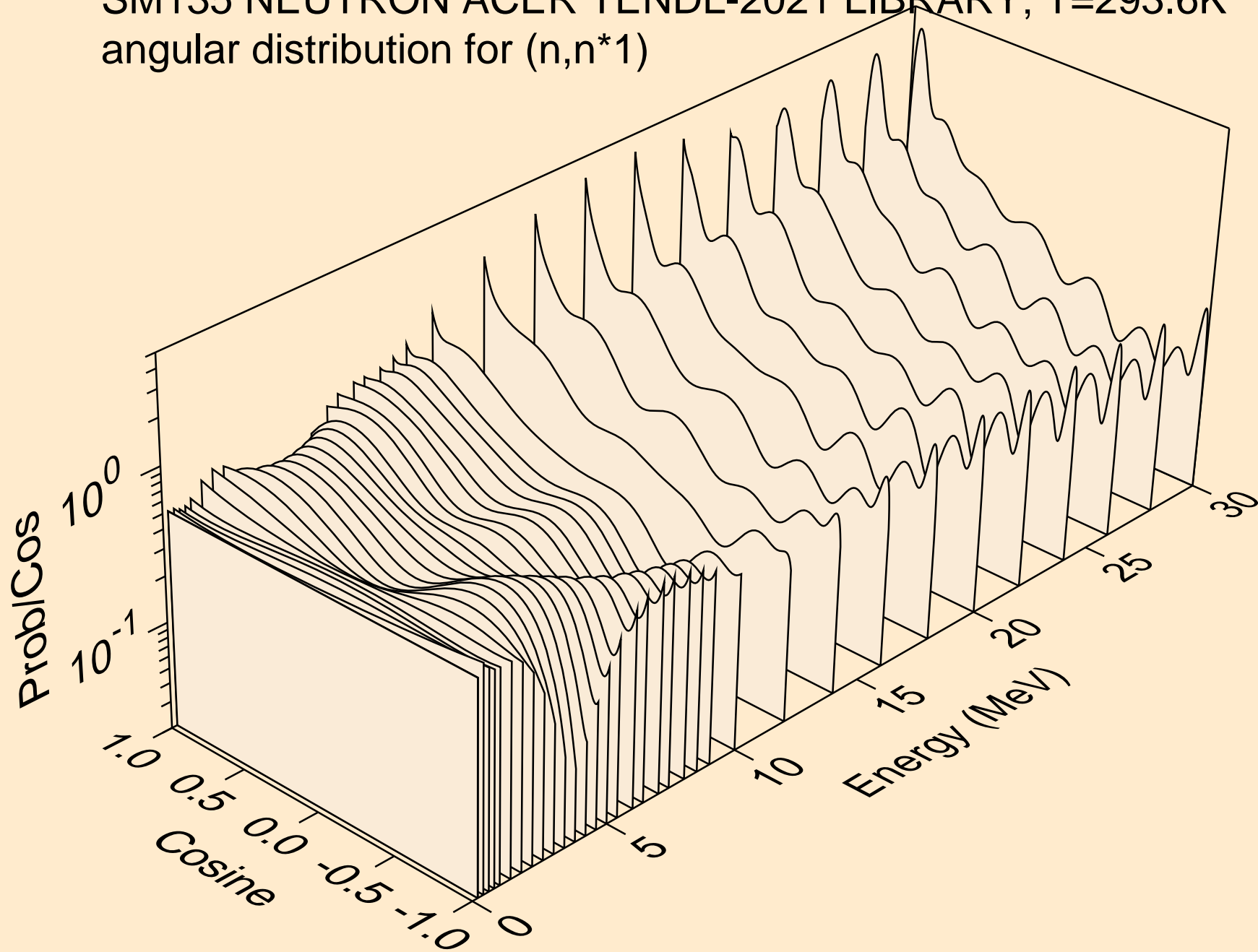
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



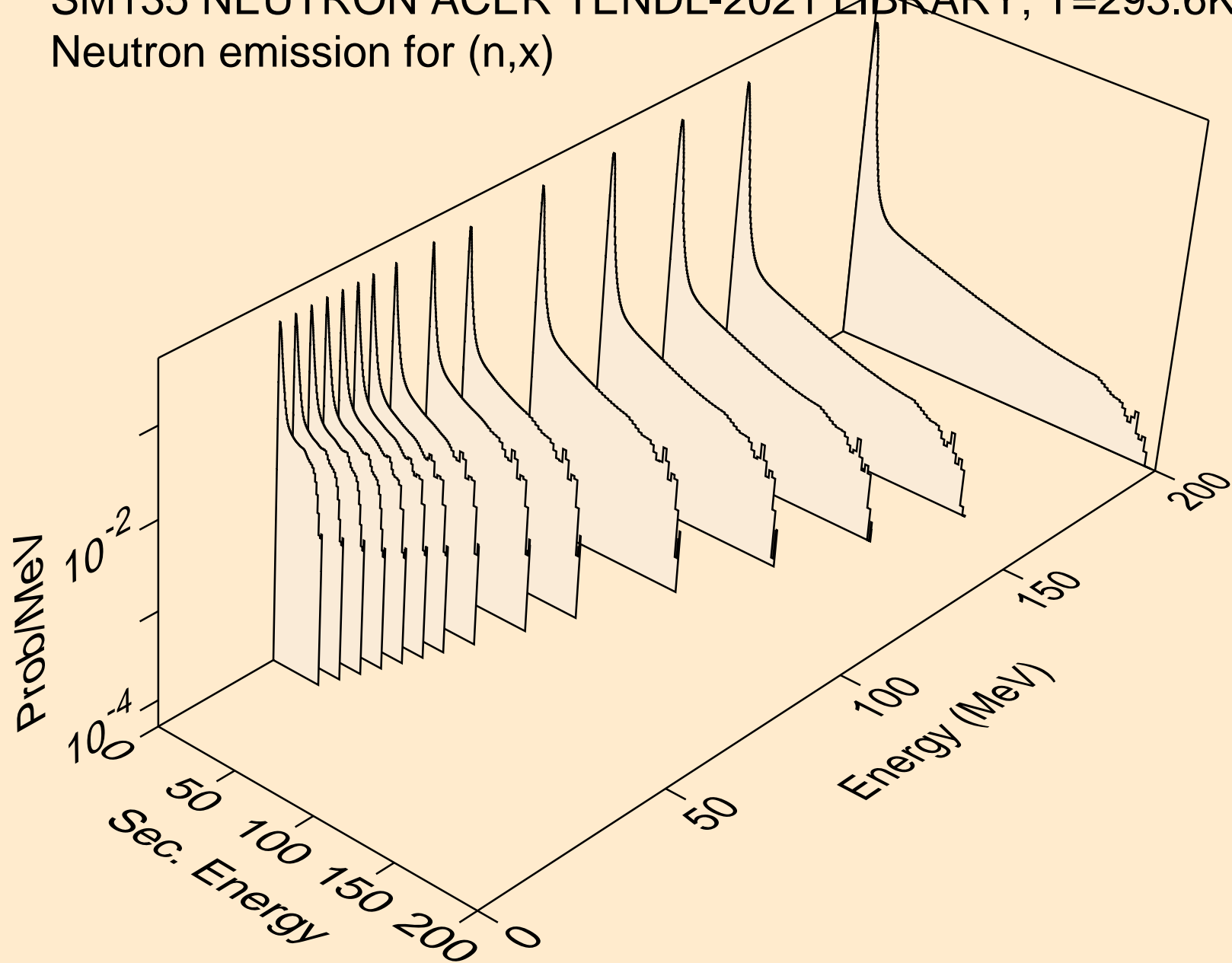
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



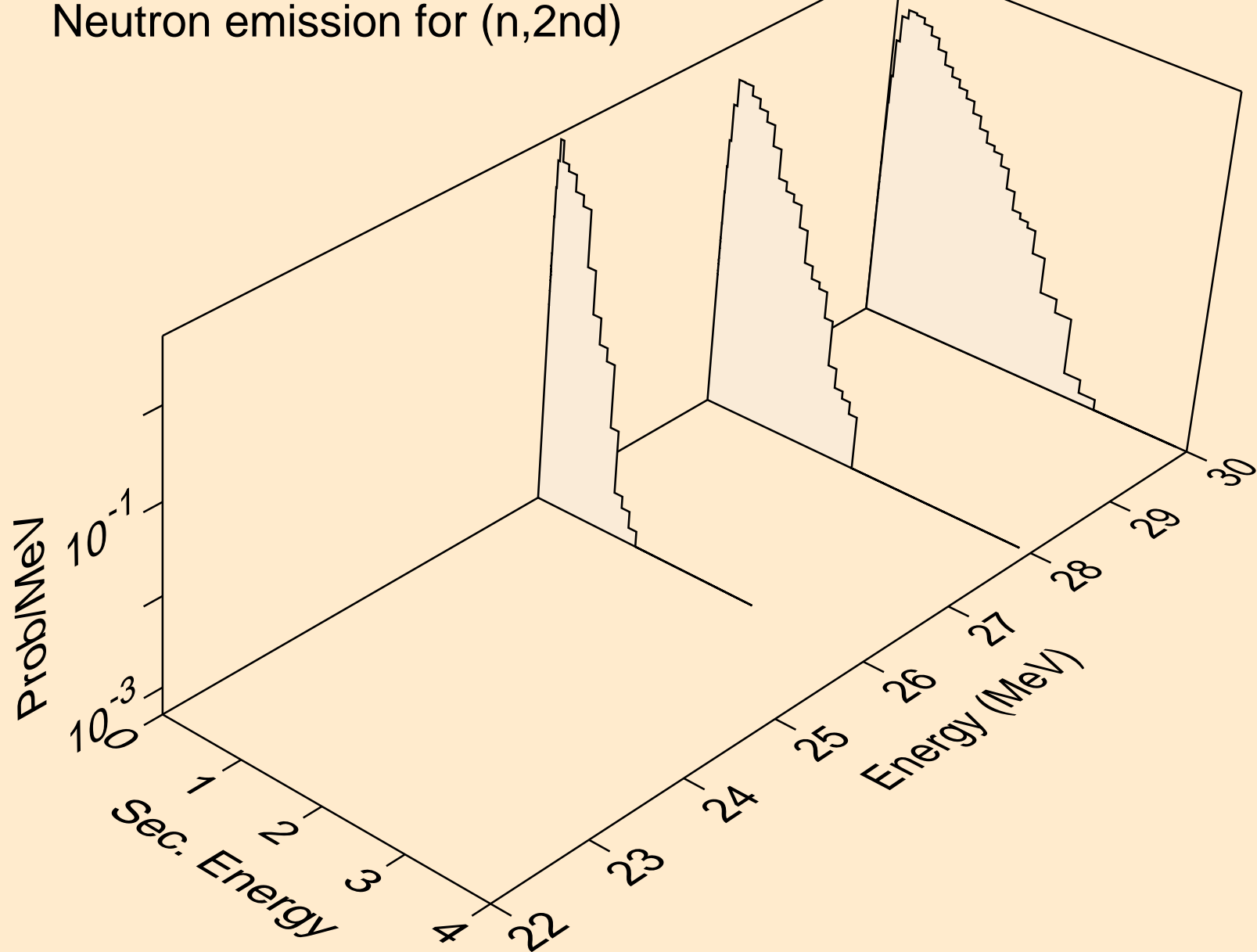
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



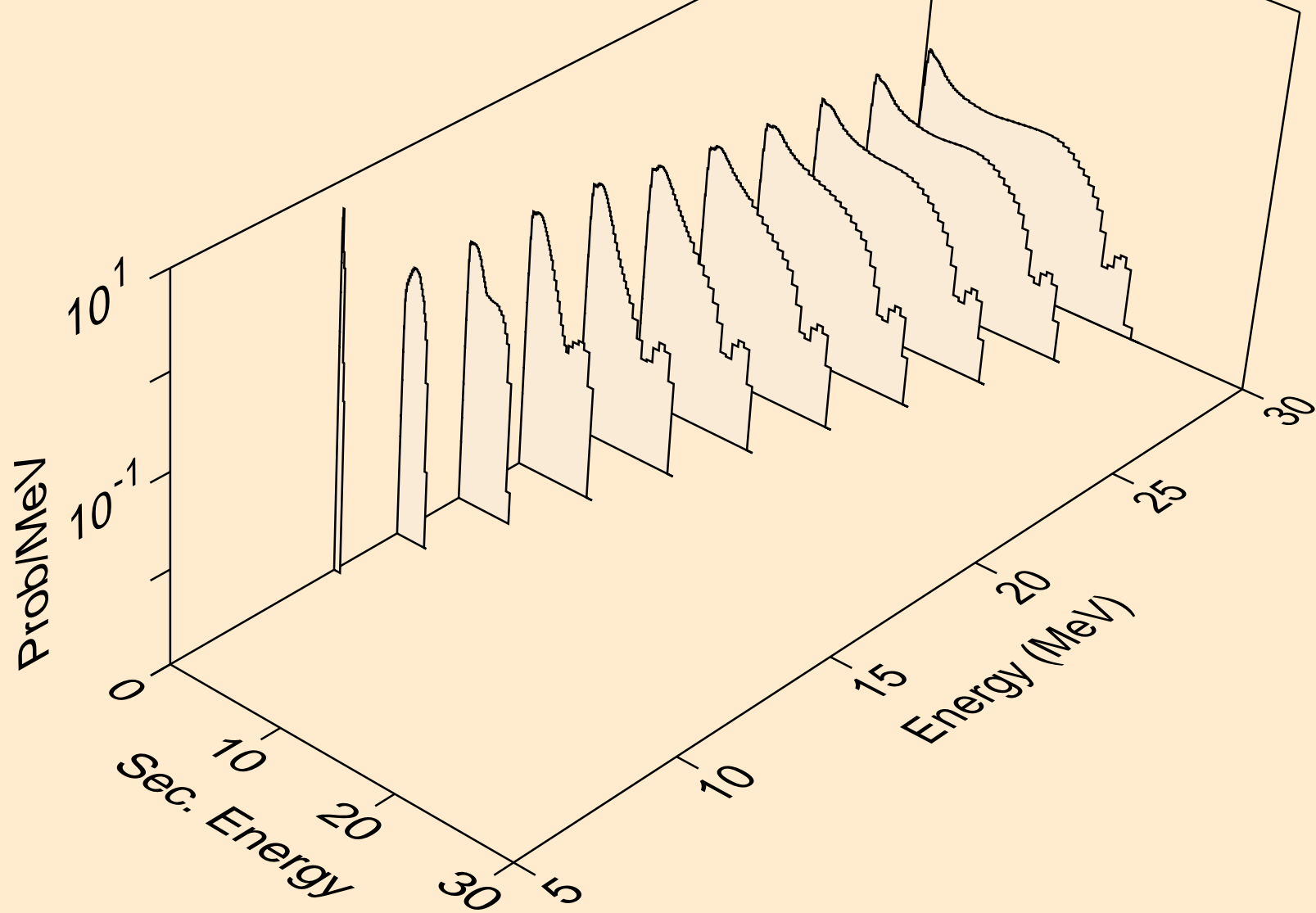
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



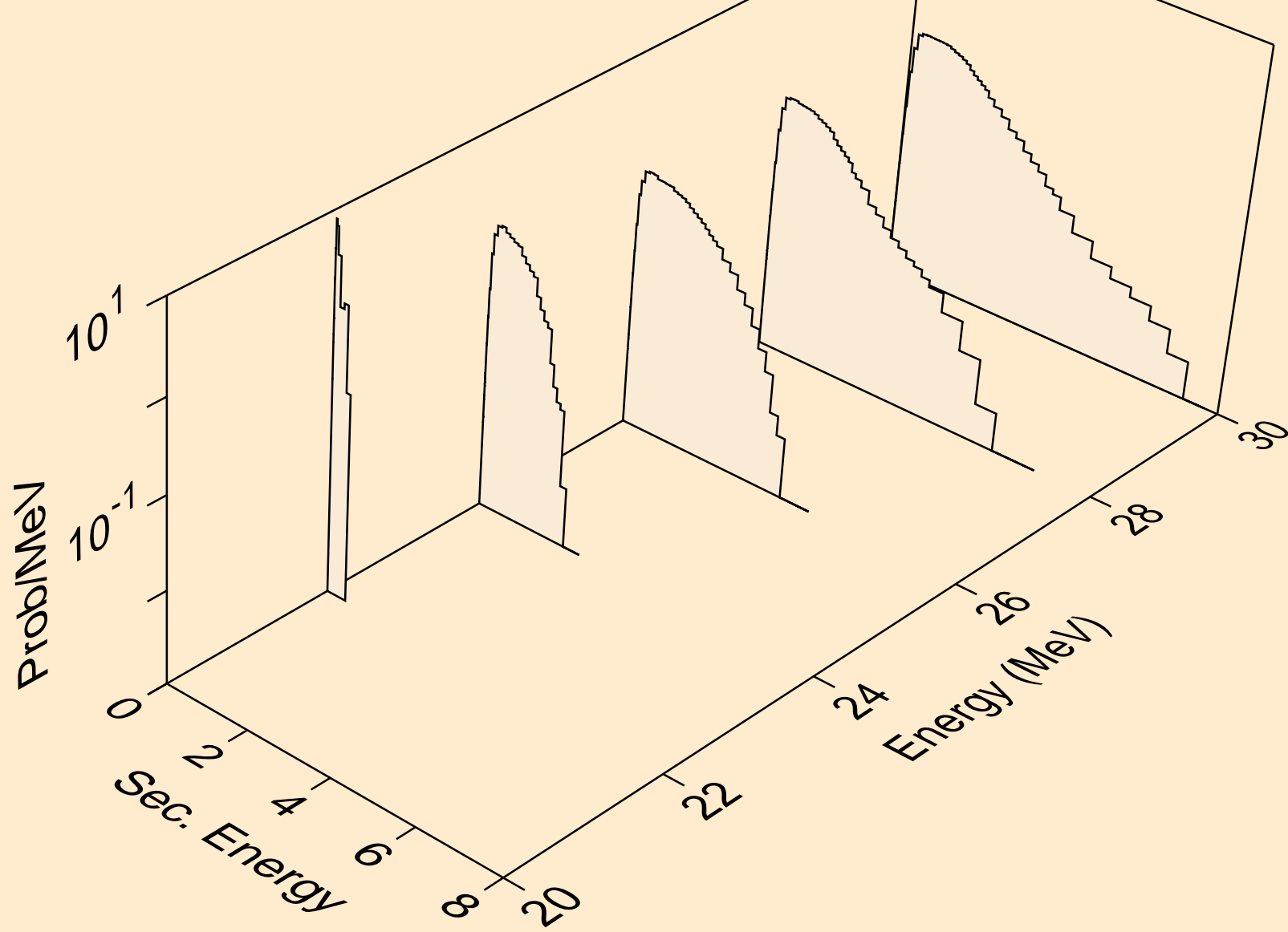
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

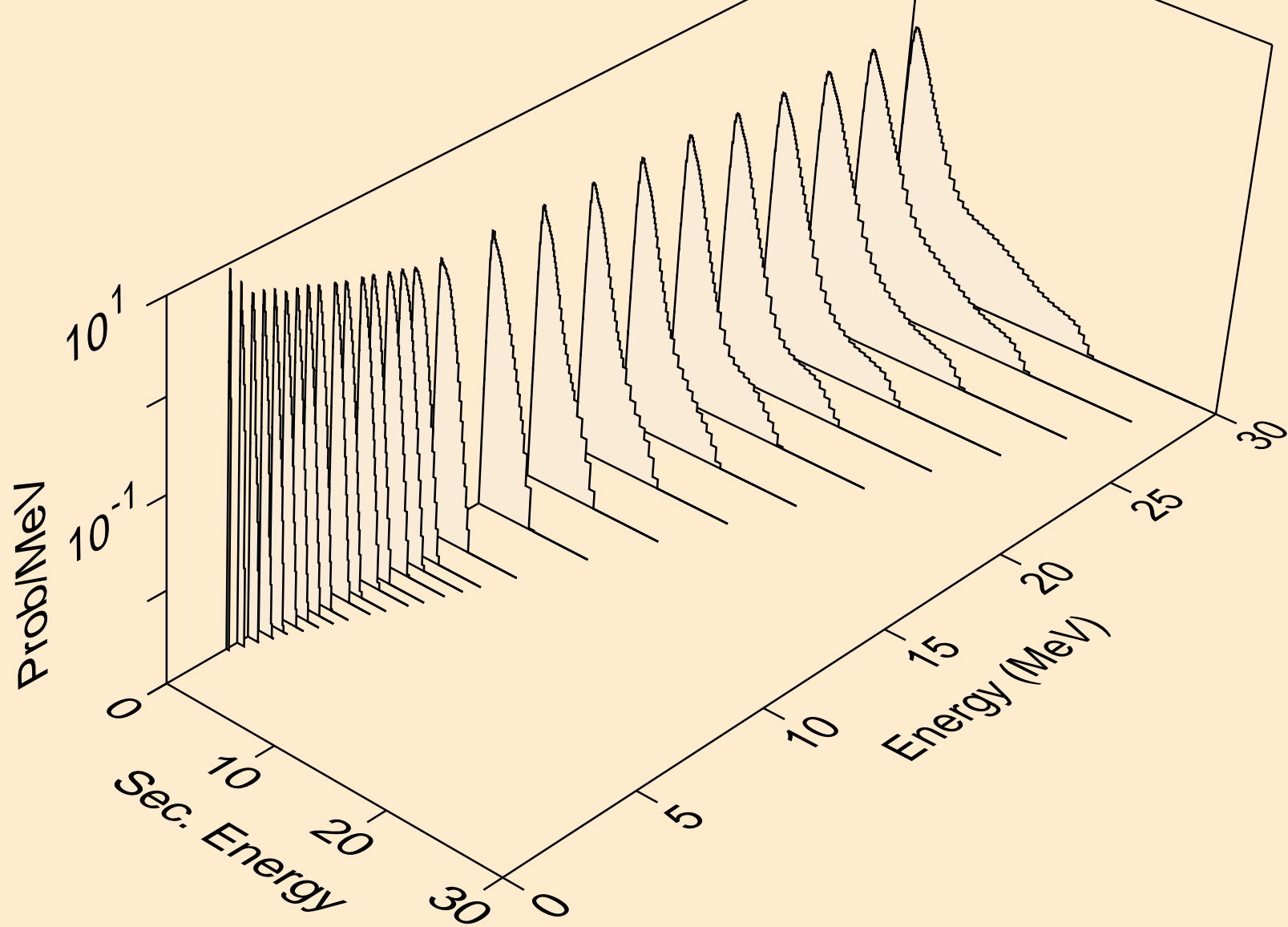


SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

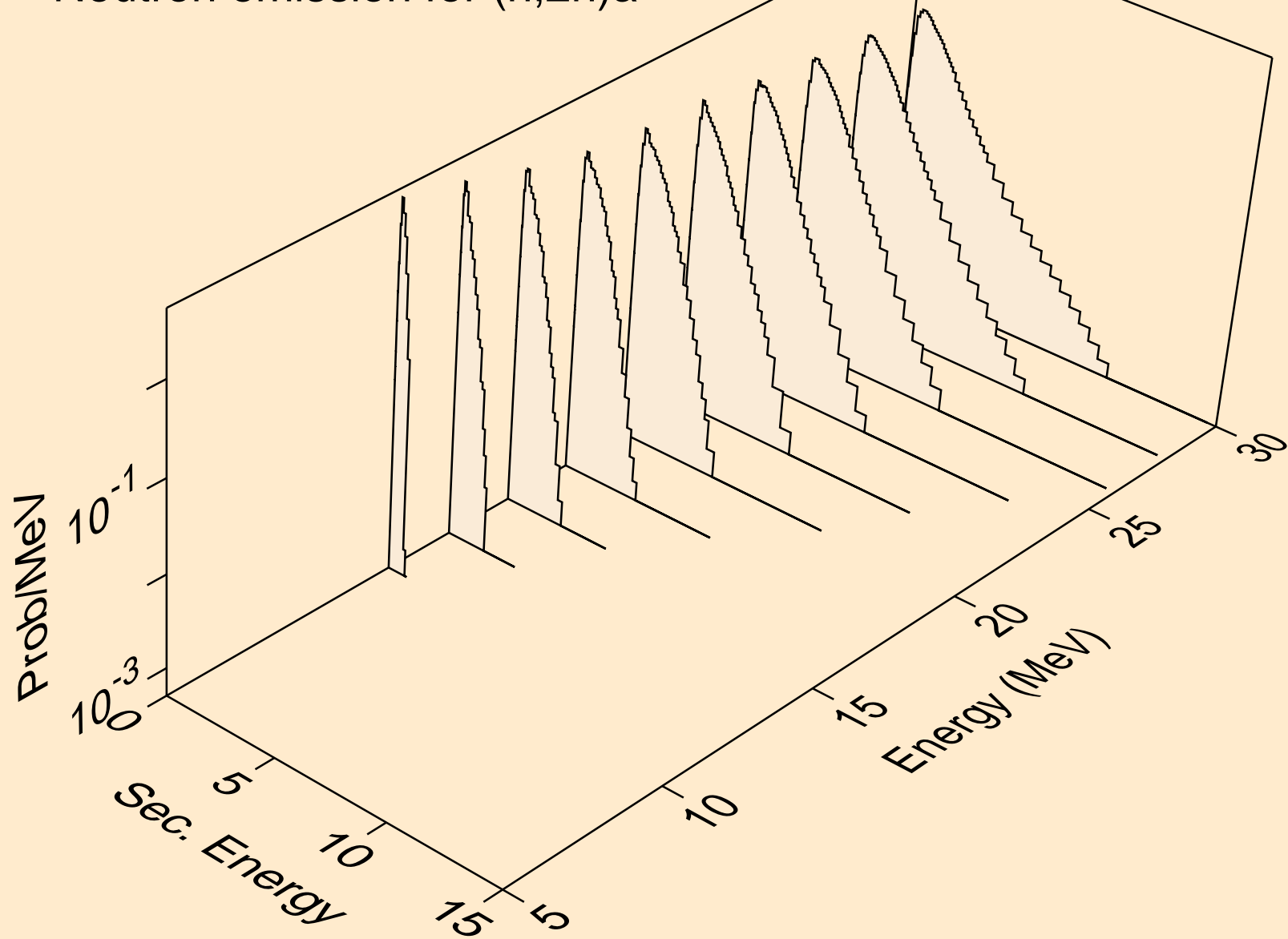




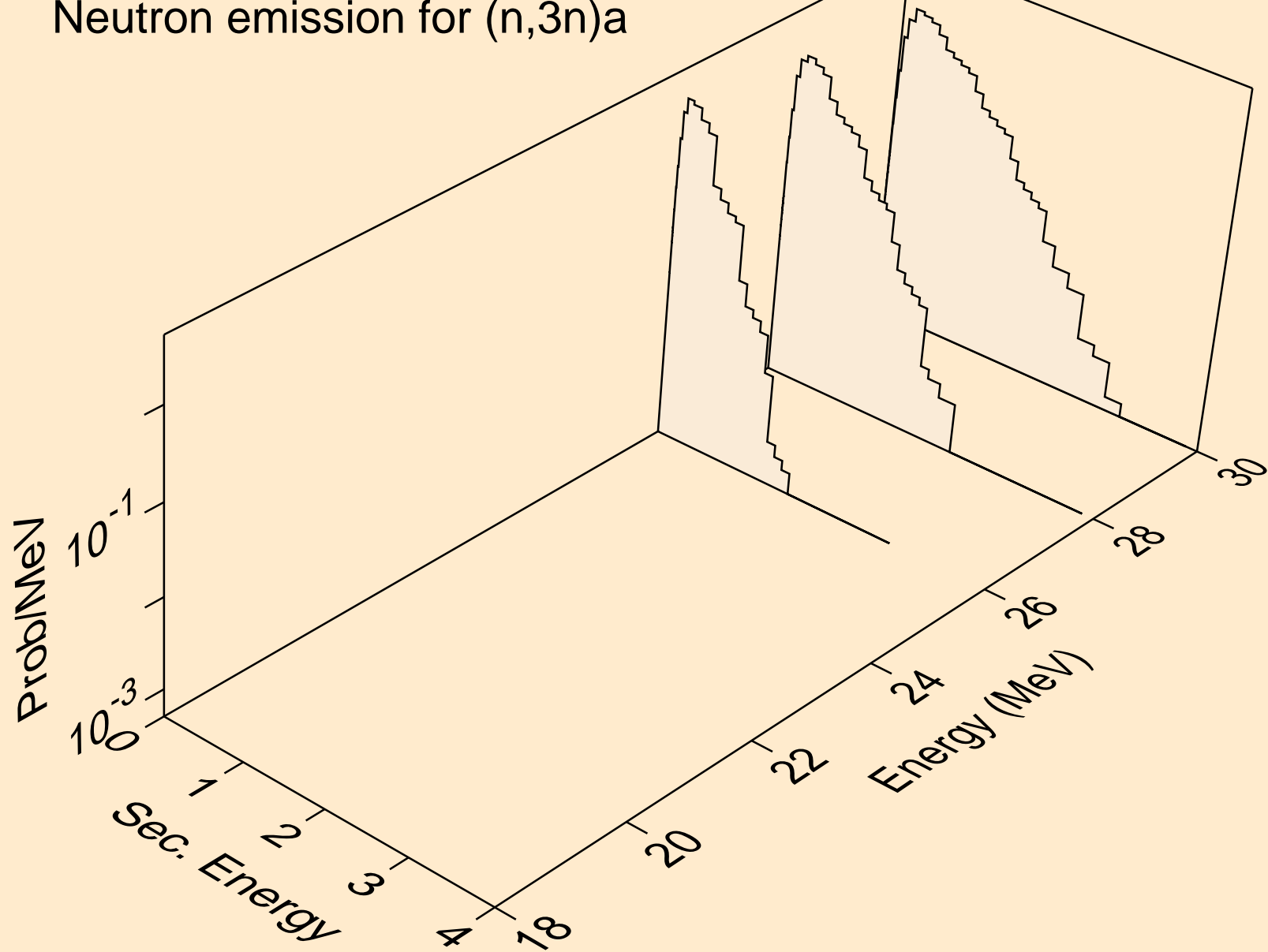
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



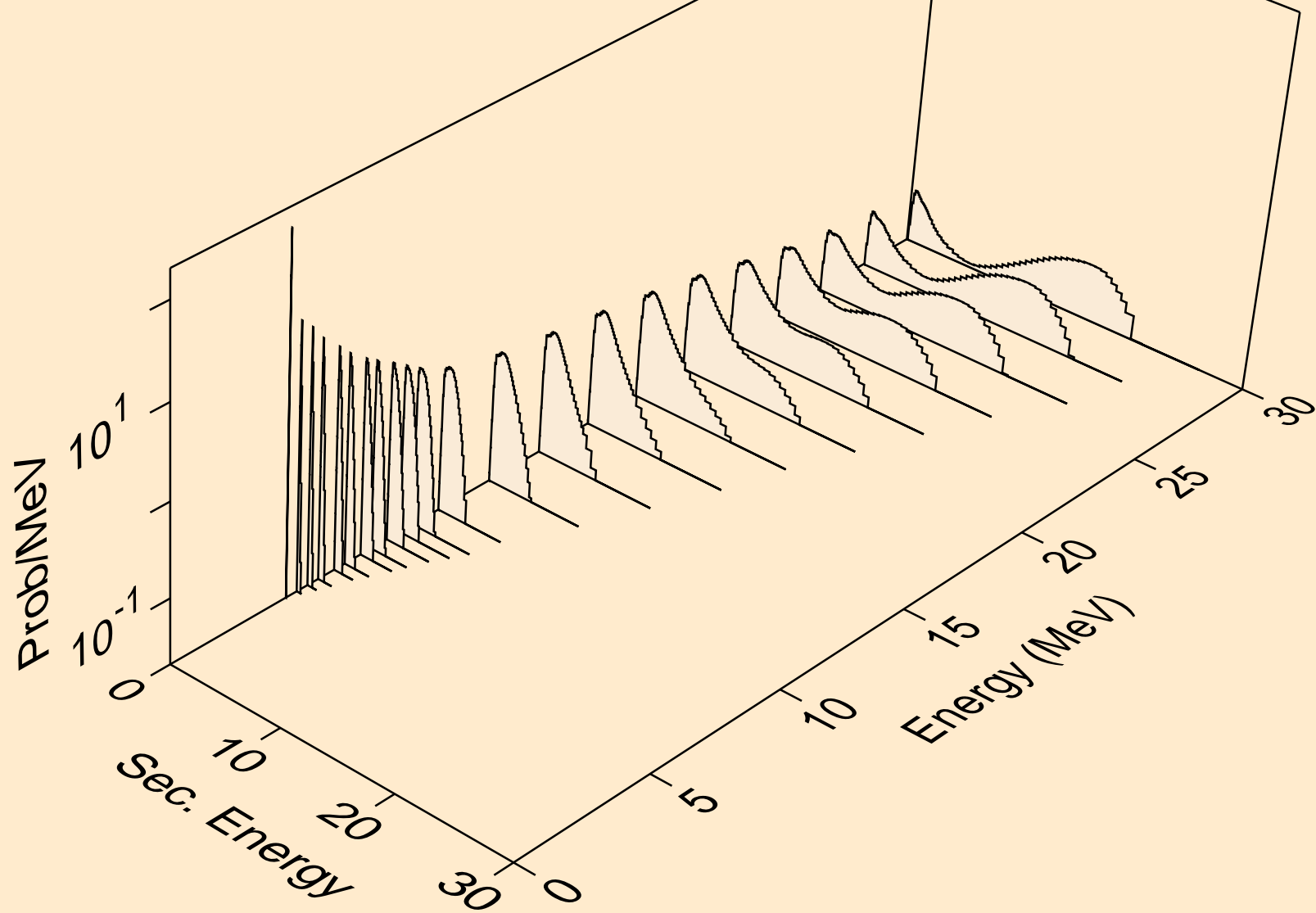
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



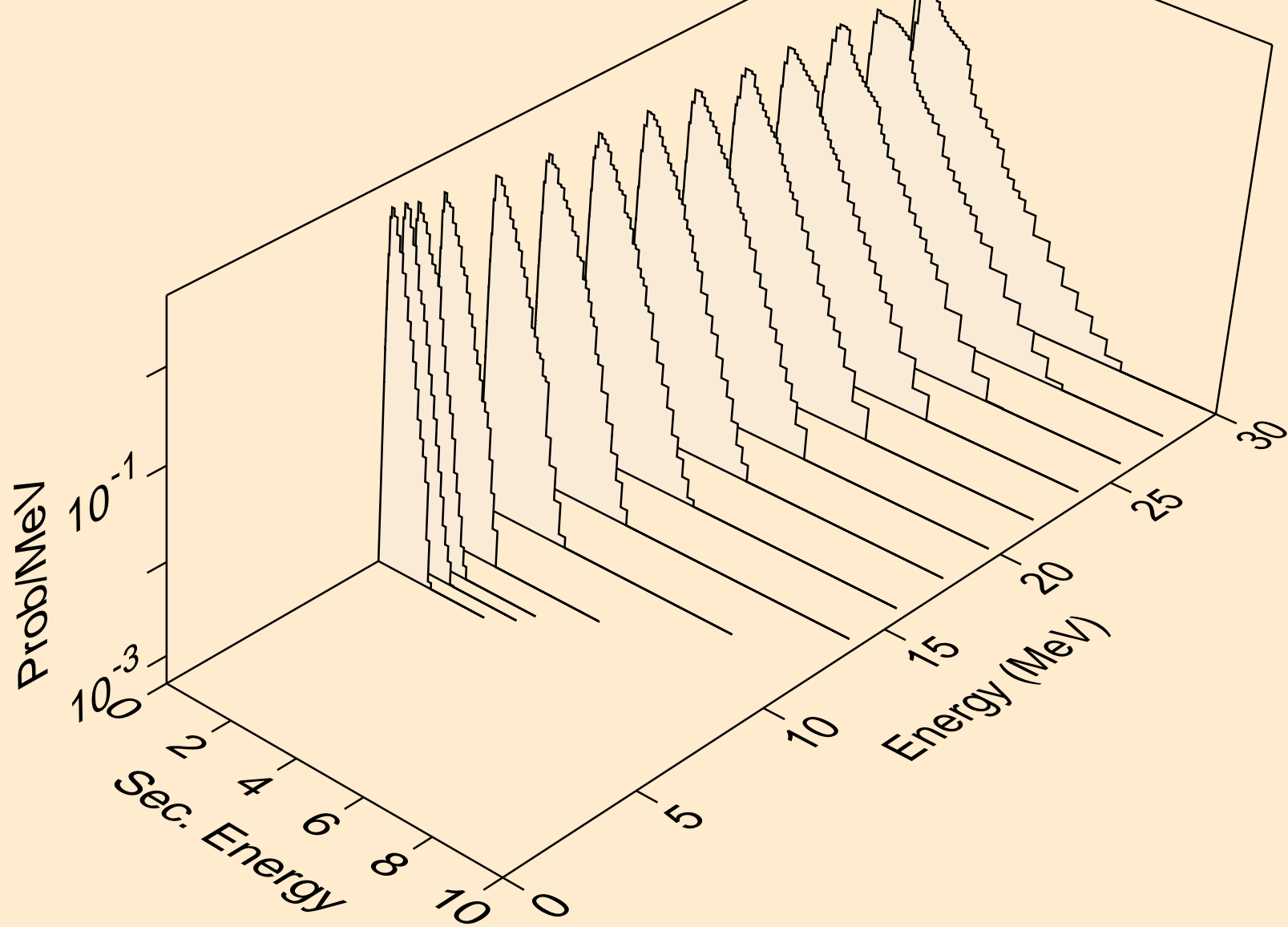
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Neutron emission for (n,3n)a



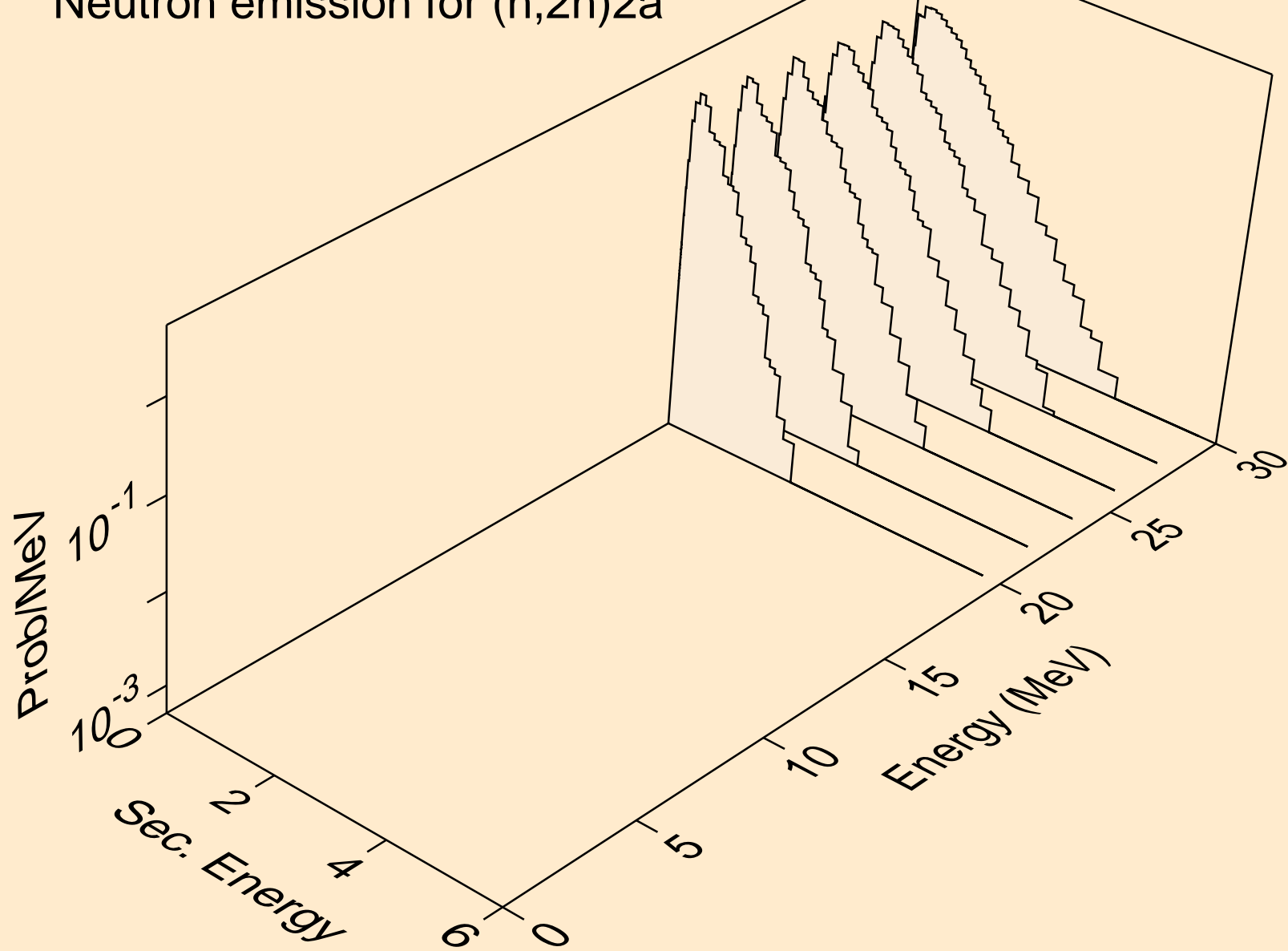
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



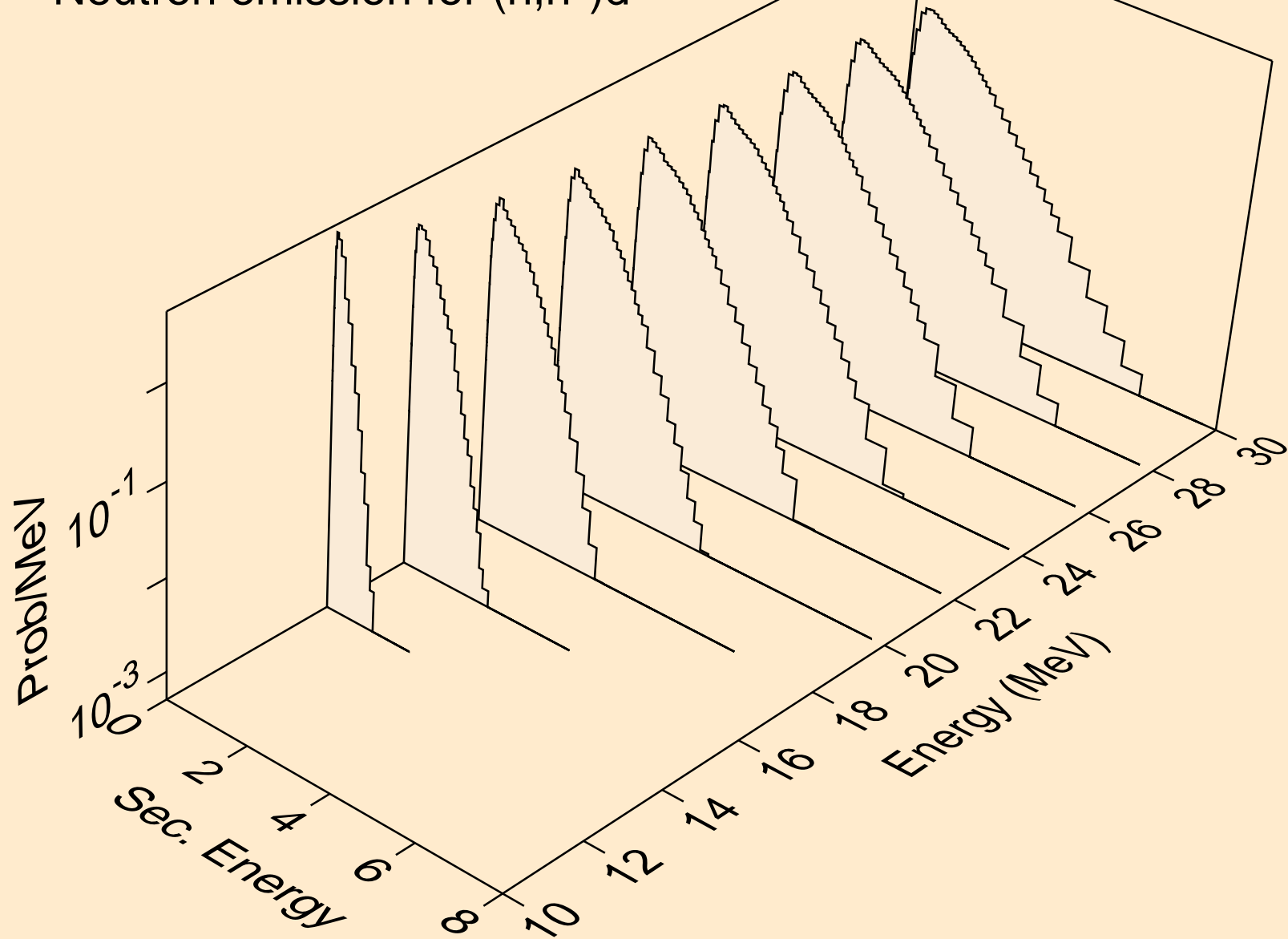
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Neutron emission for (n,n\*)2a



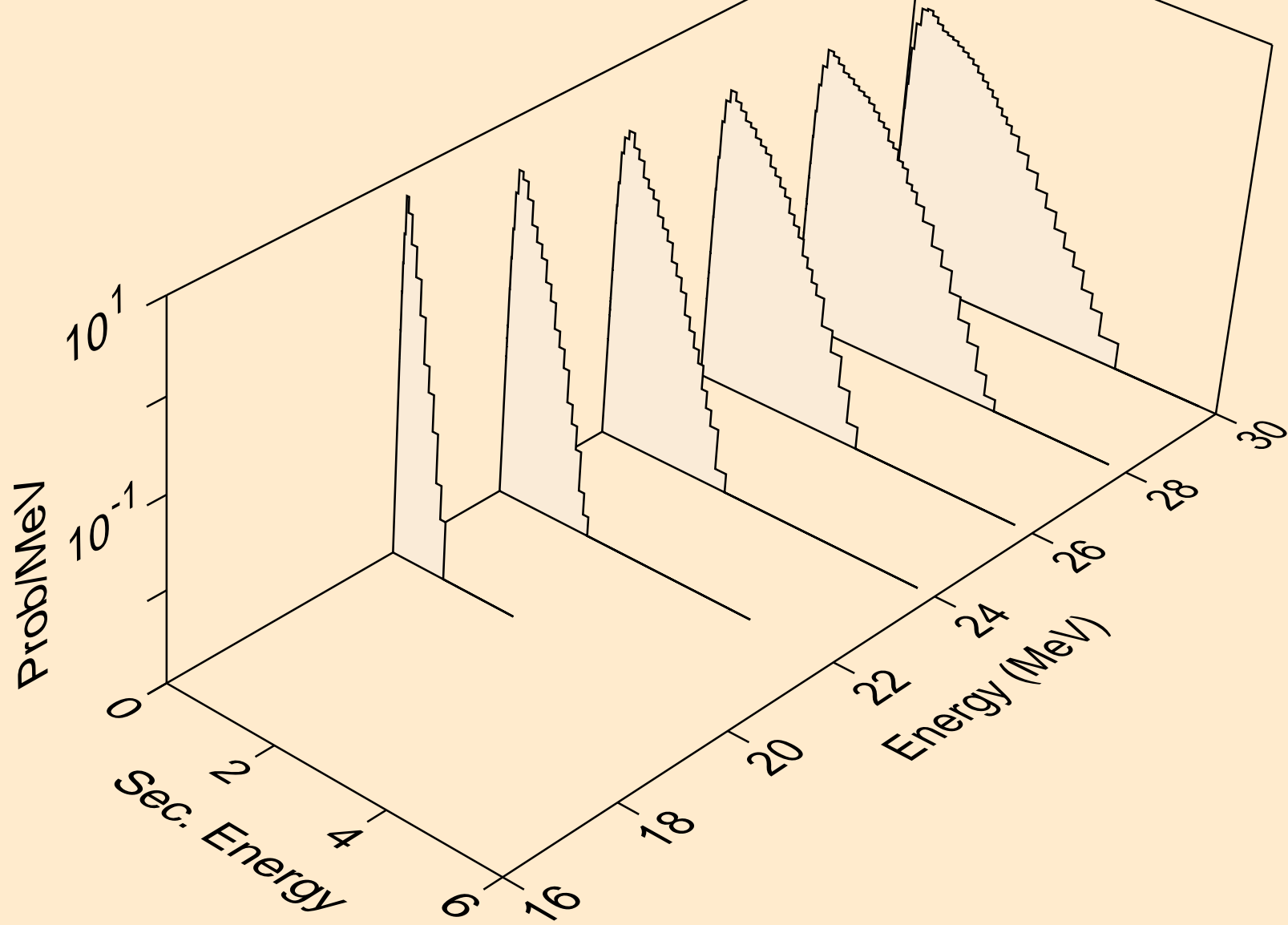
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

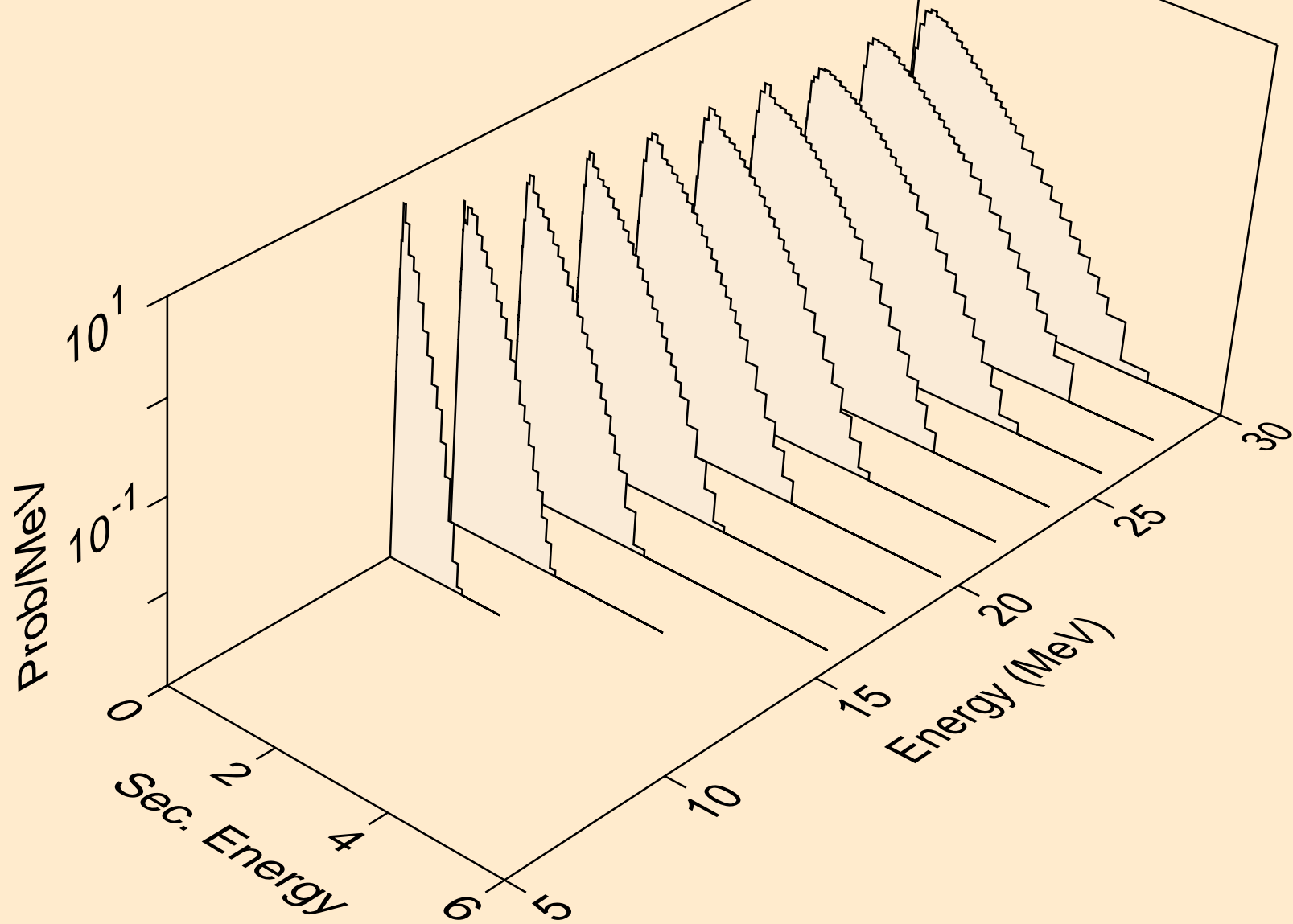


SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

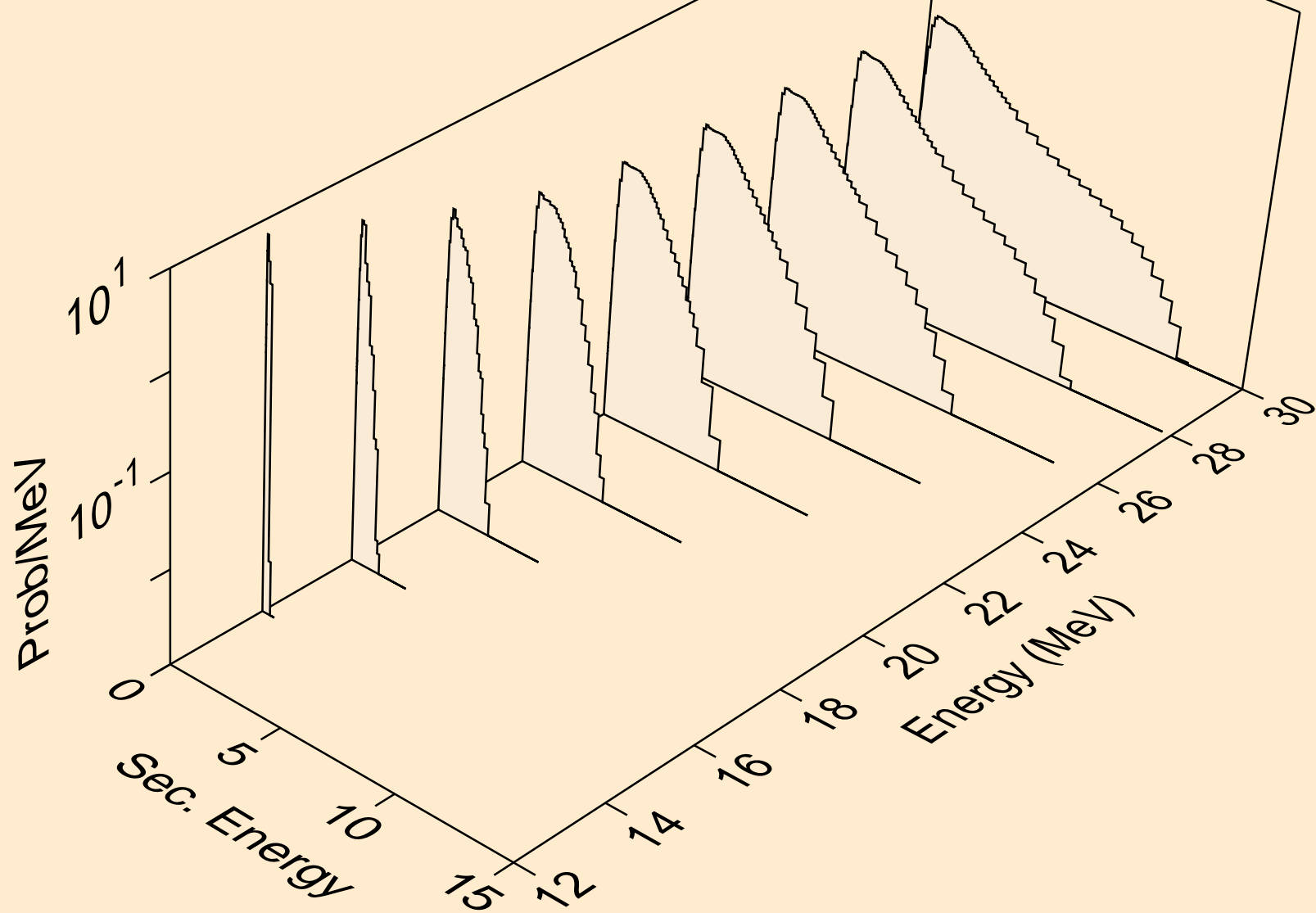




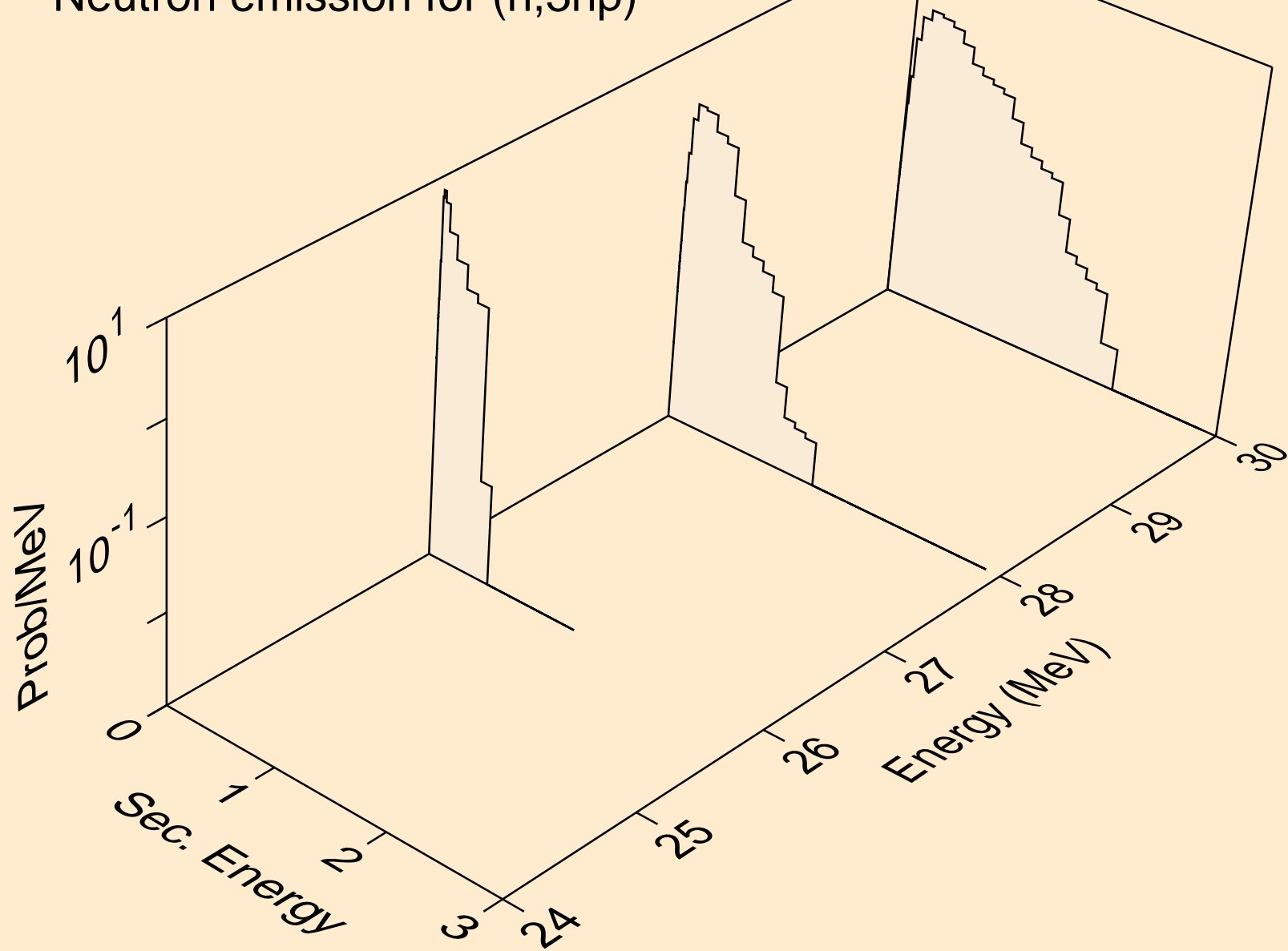
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



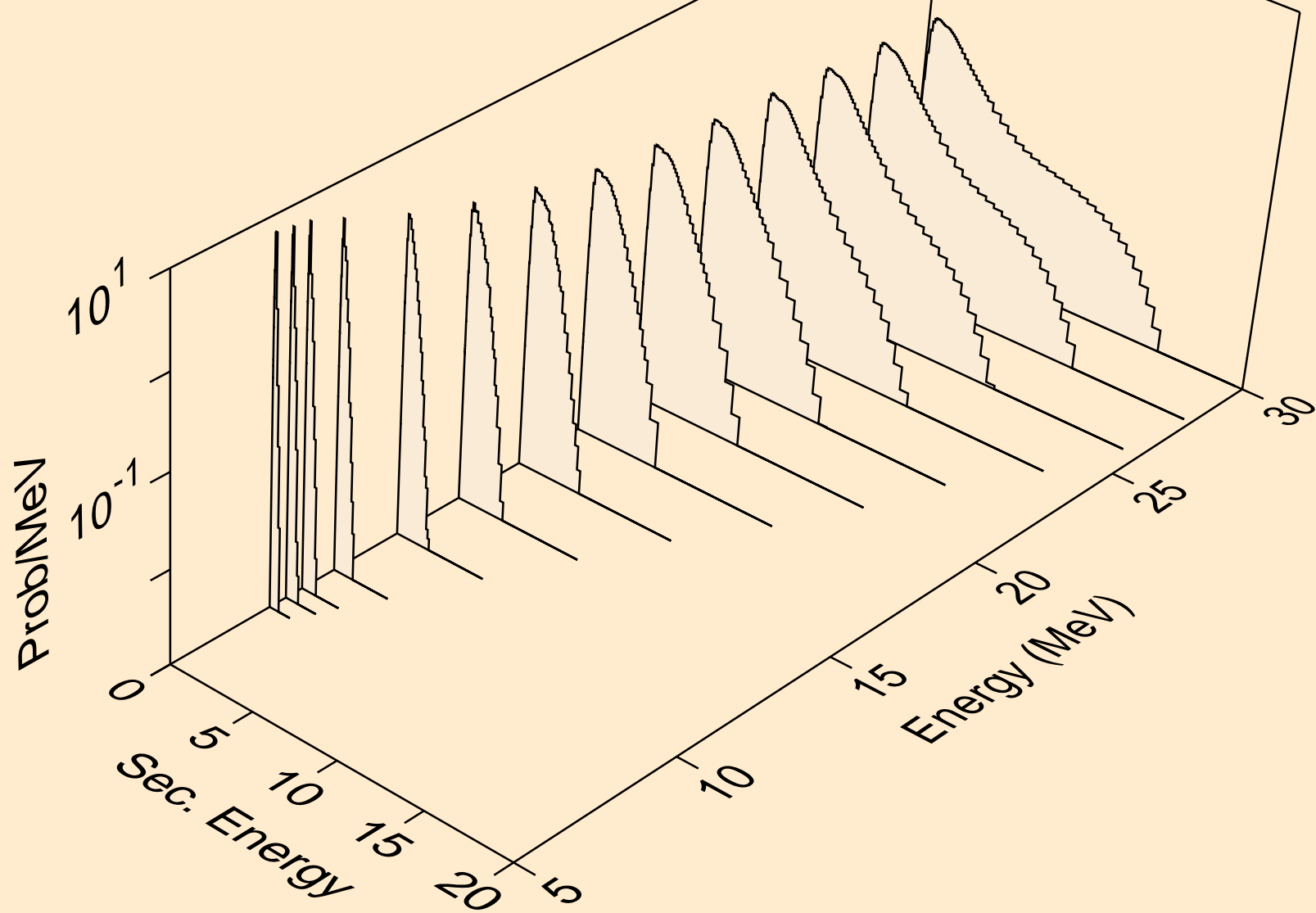
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



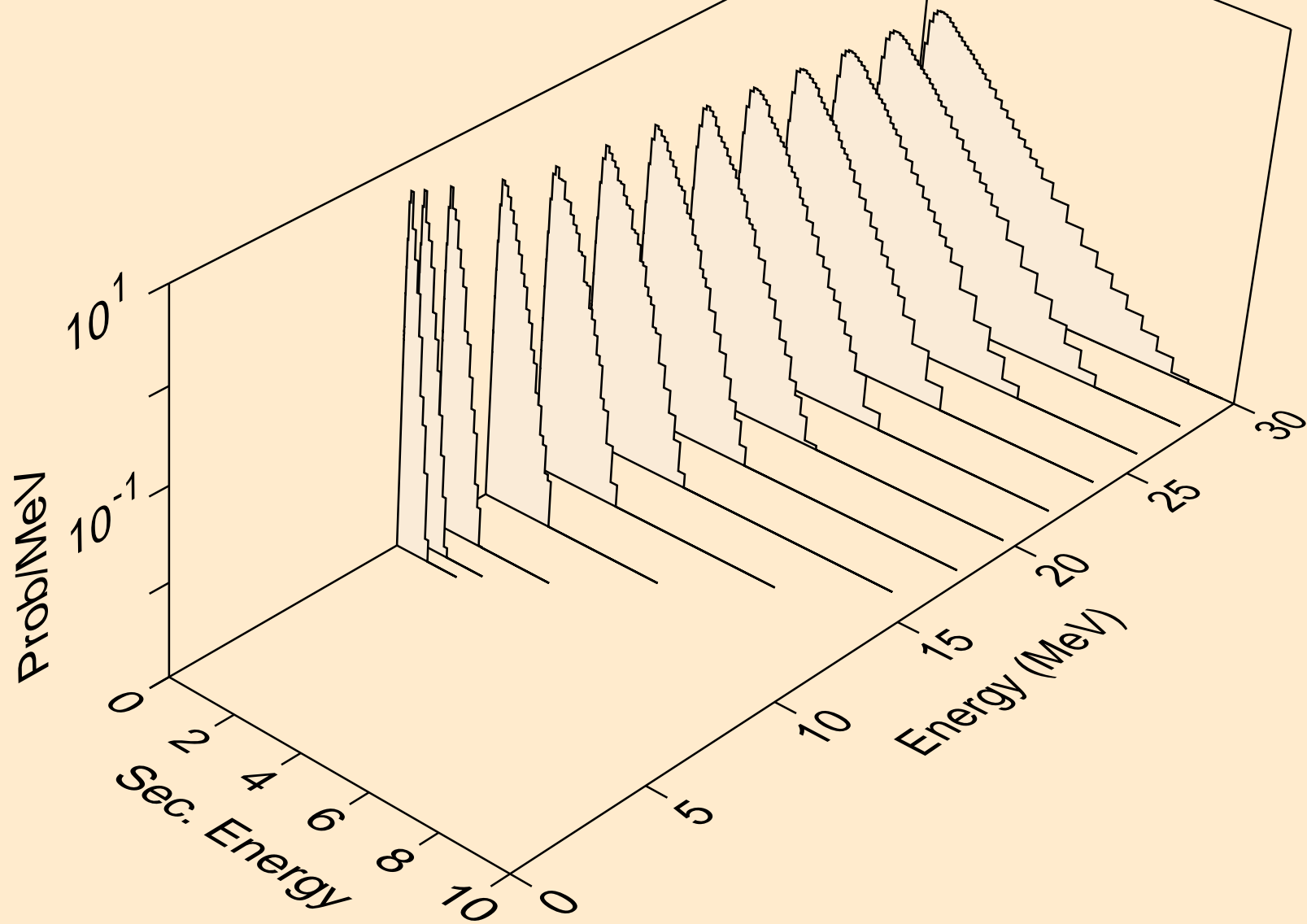
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



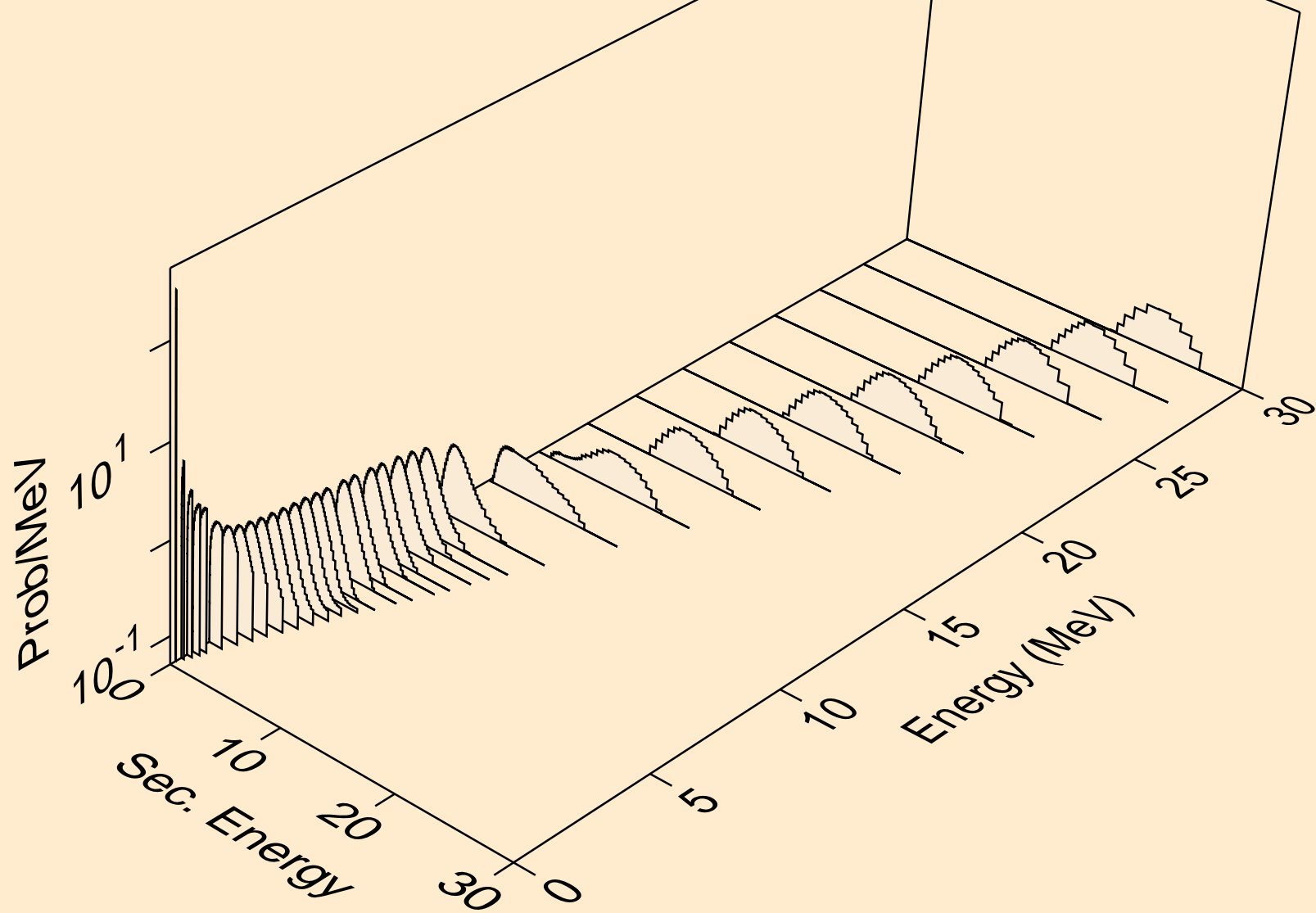
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Neutron emission for (n,2np)



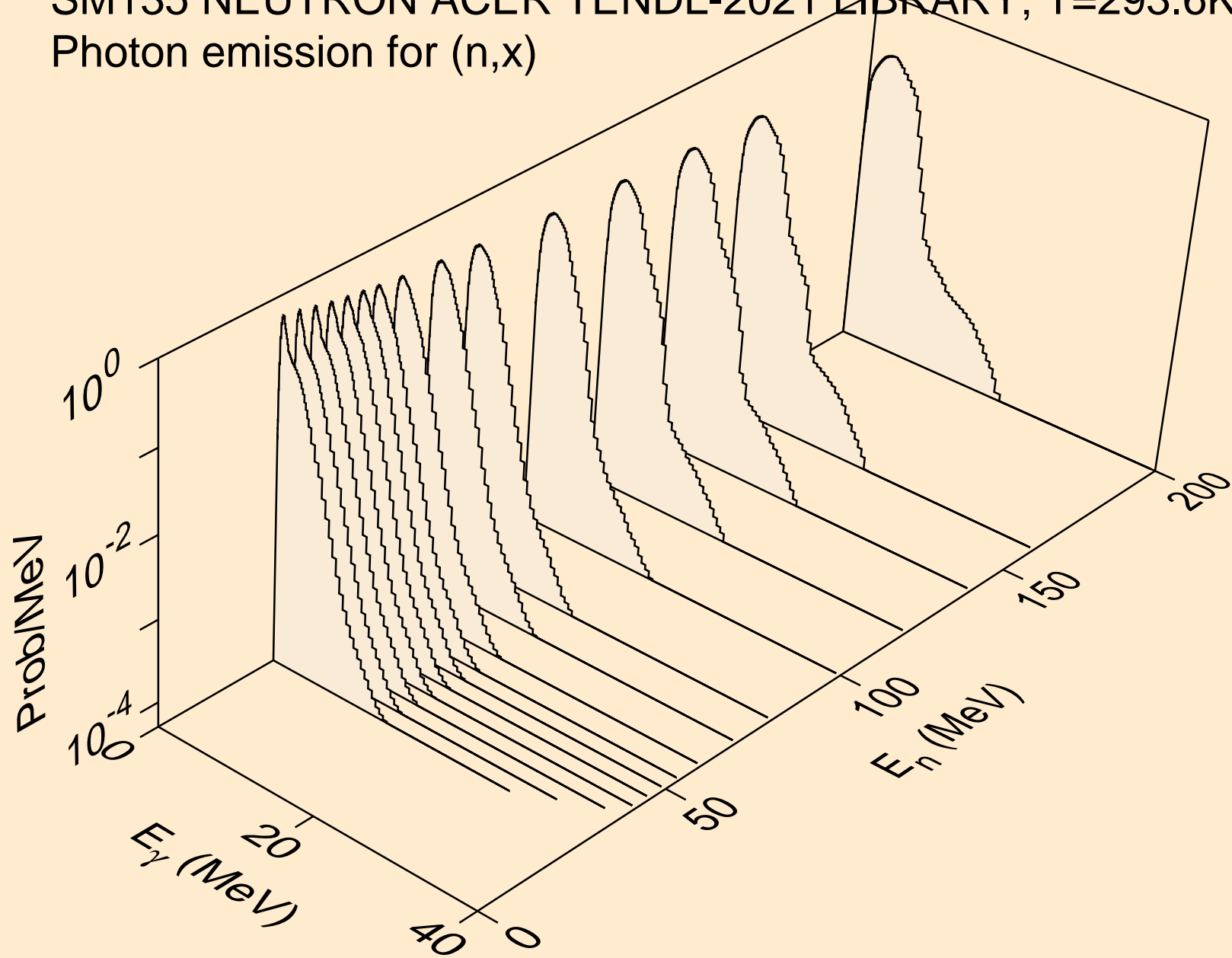
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Neutron emission for (n,npa)



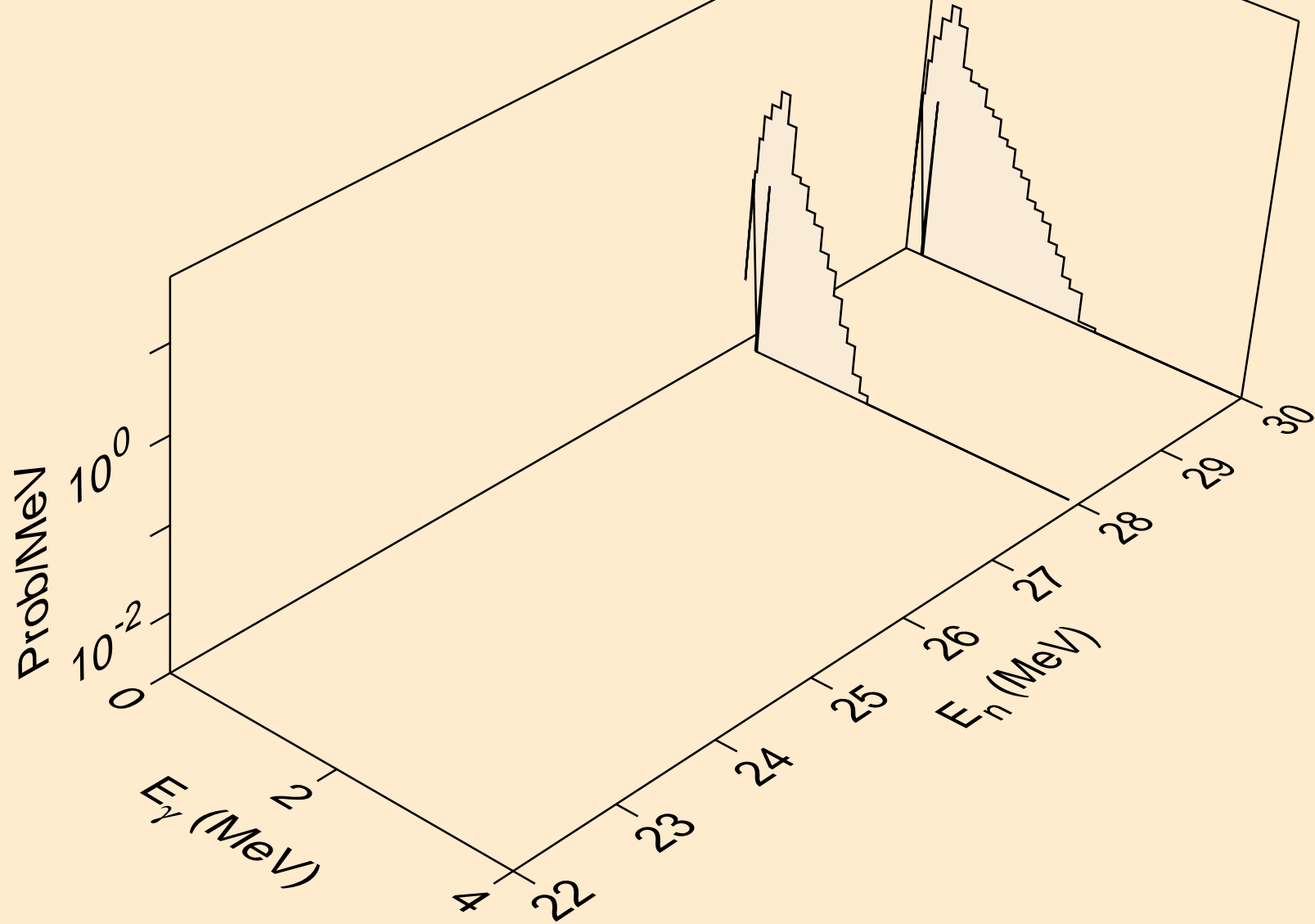
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

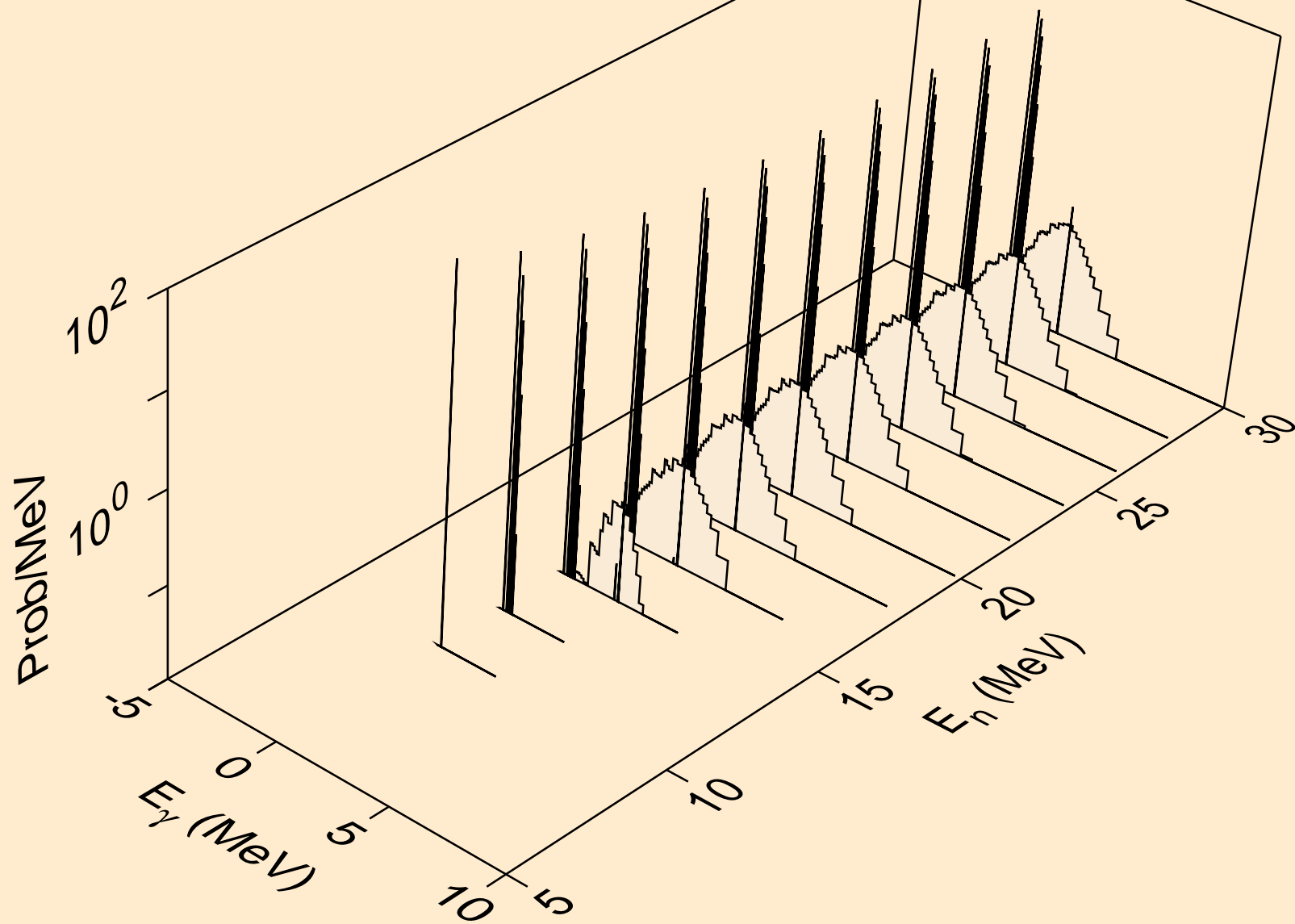


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Photon emission for (n,2nd)

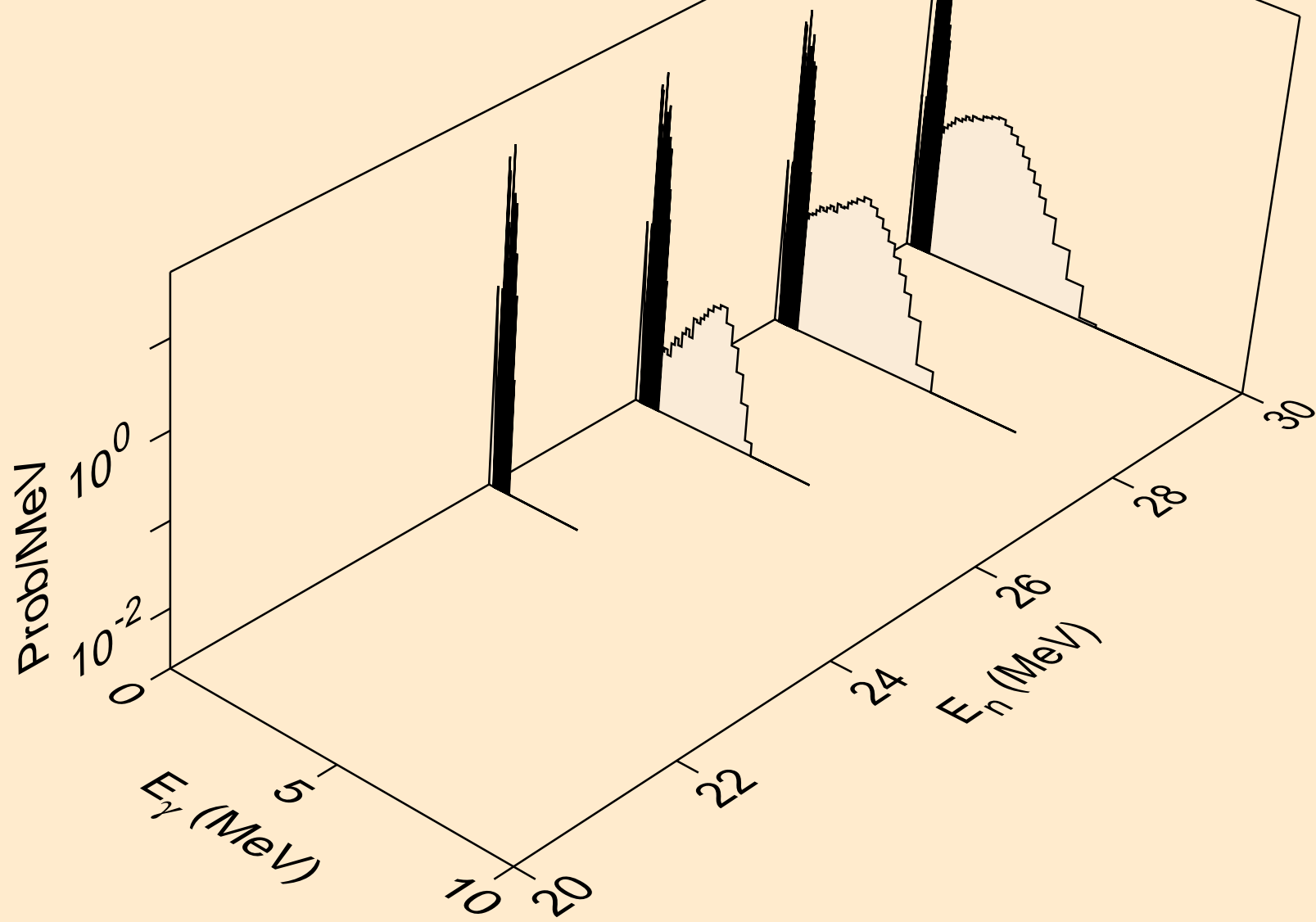




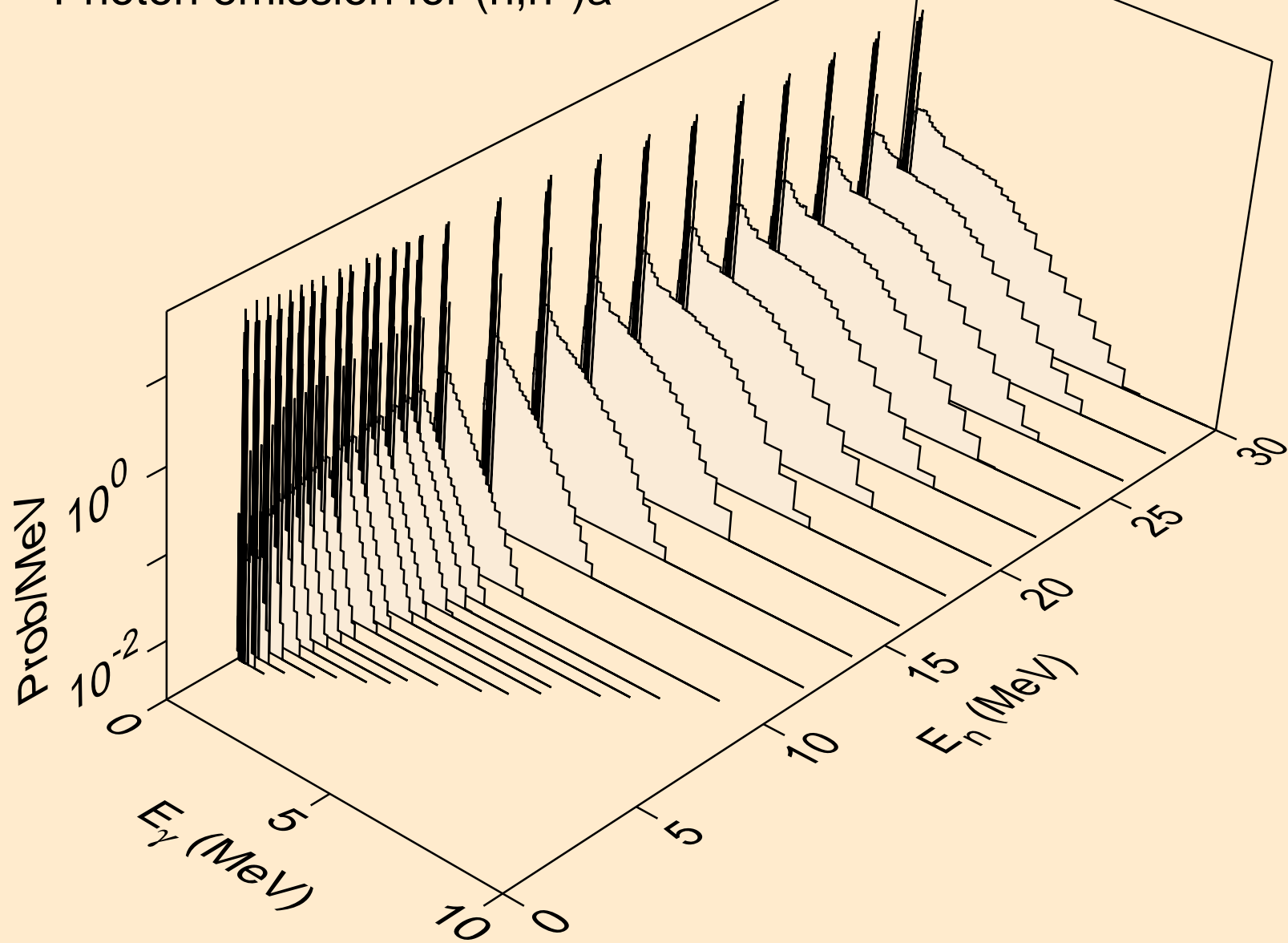
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Photon emission for (n,2n)



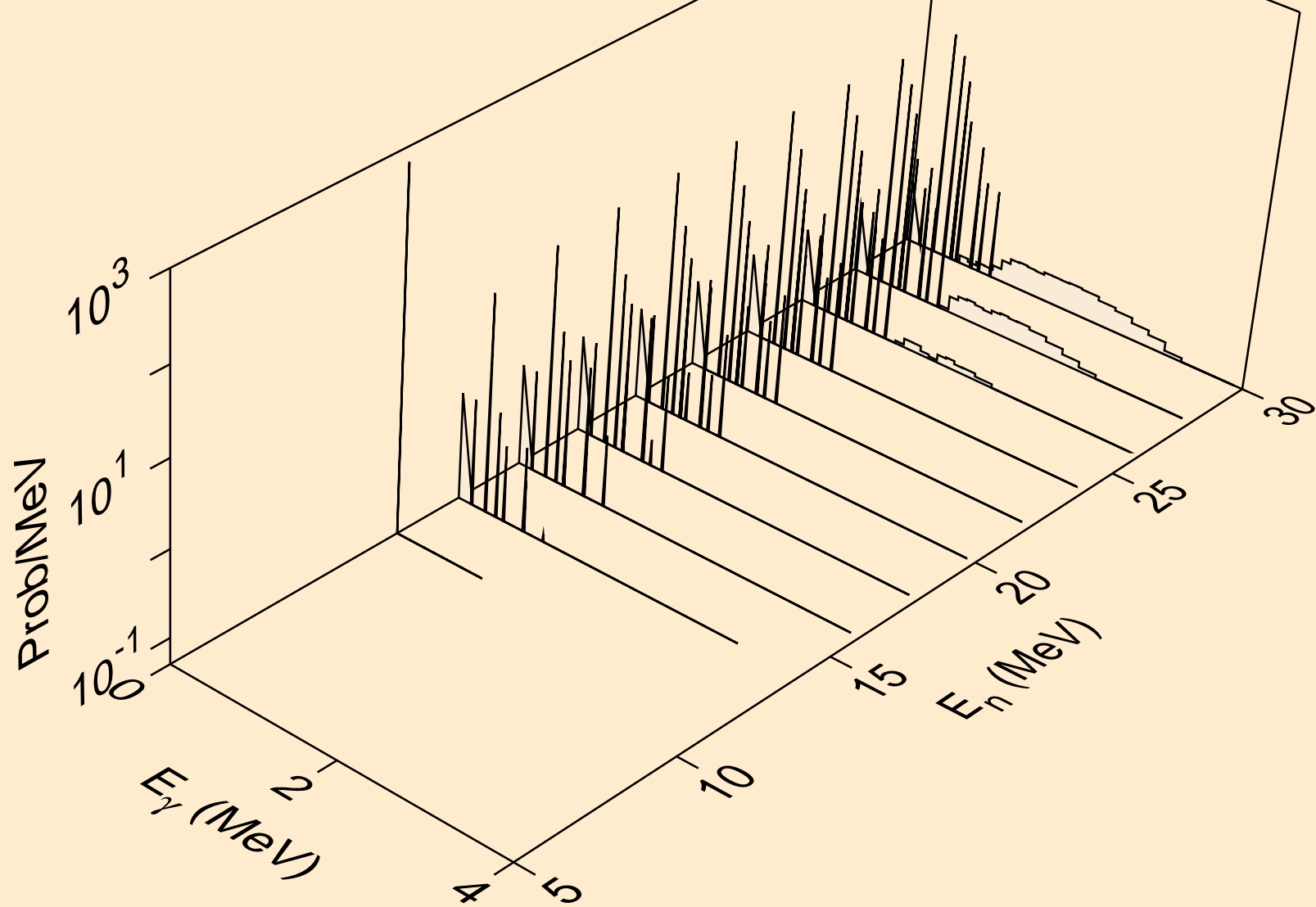
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Photon emission for (n,3n)



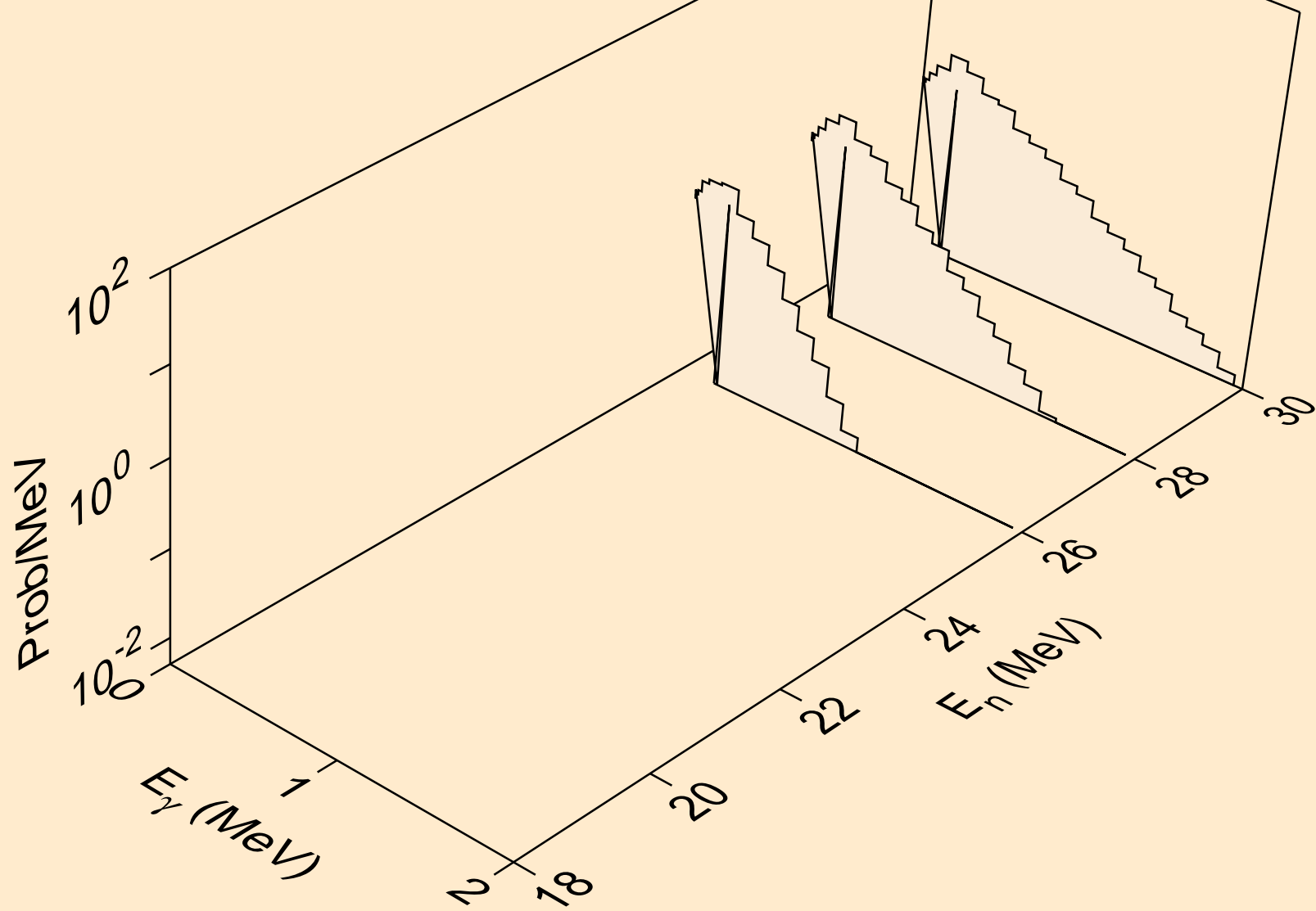
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



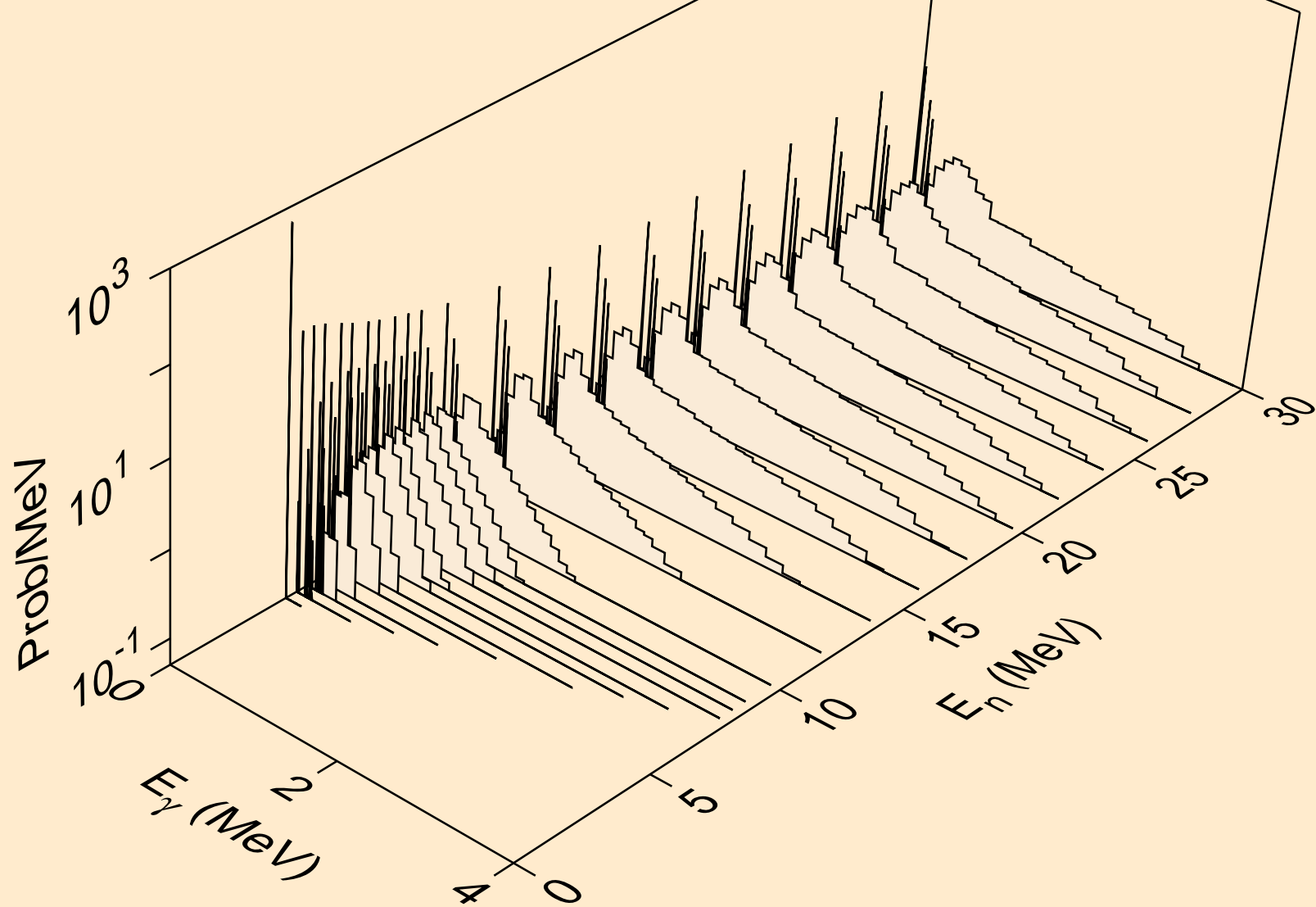
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



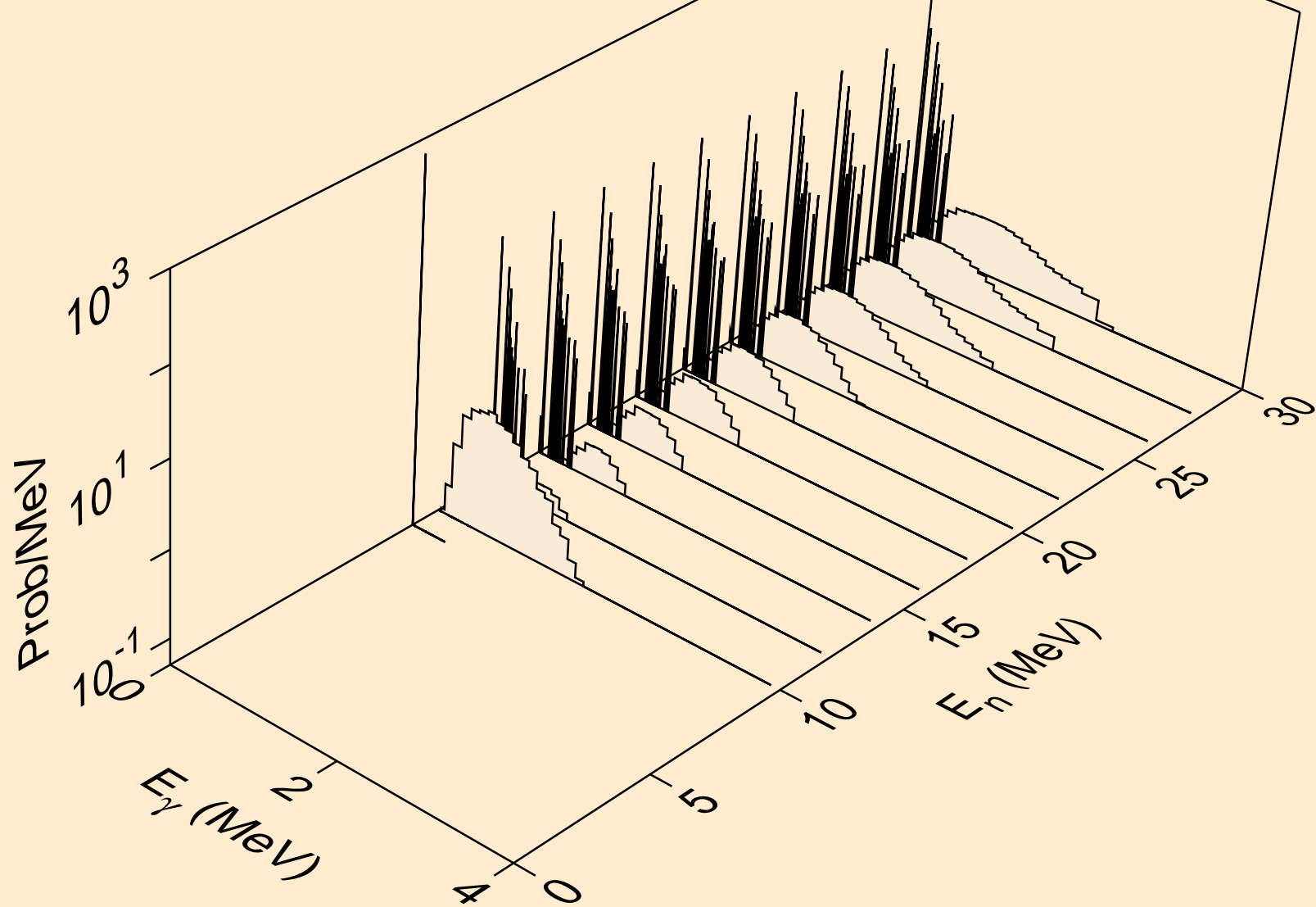
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



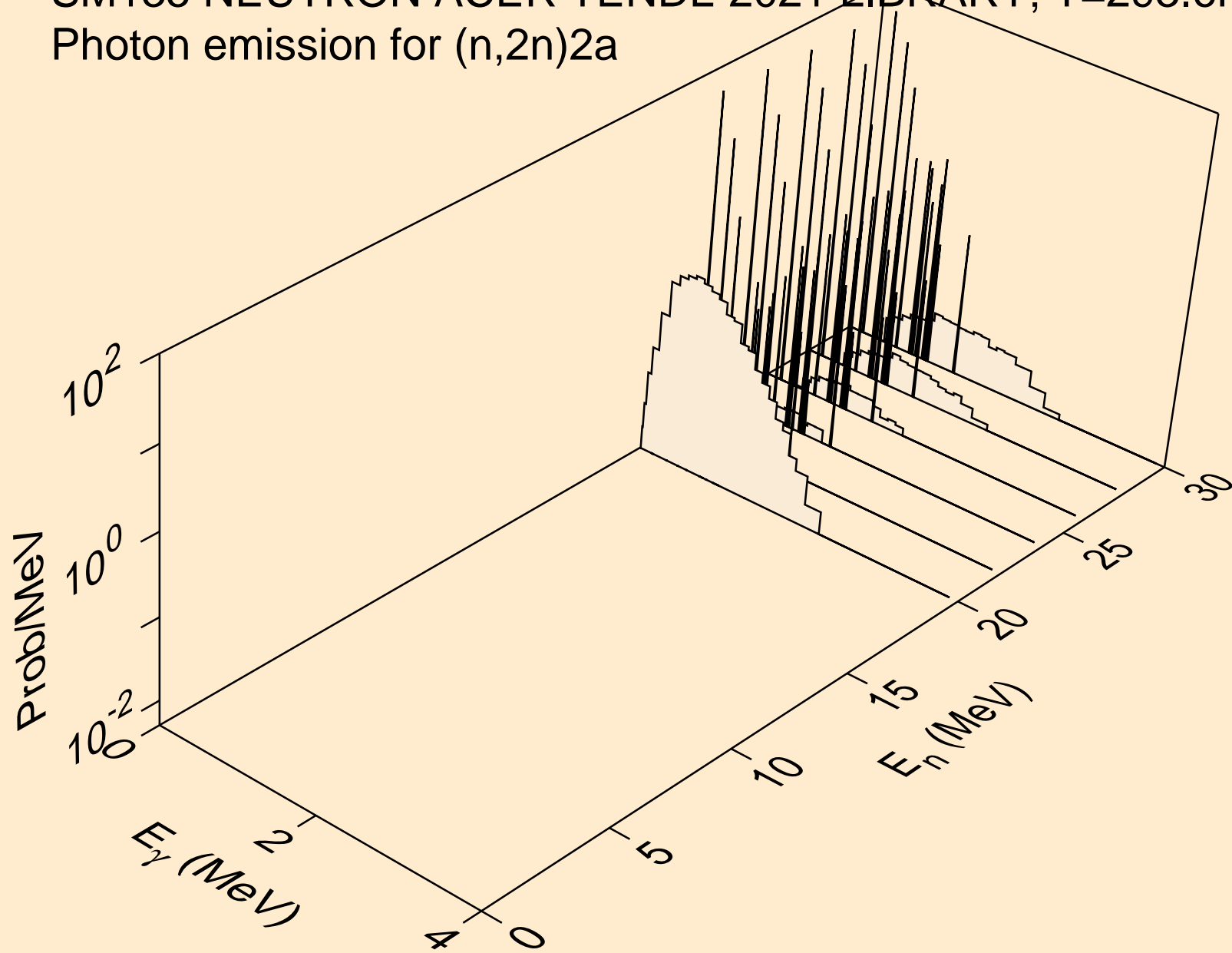
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

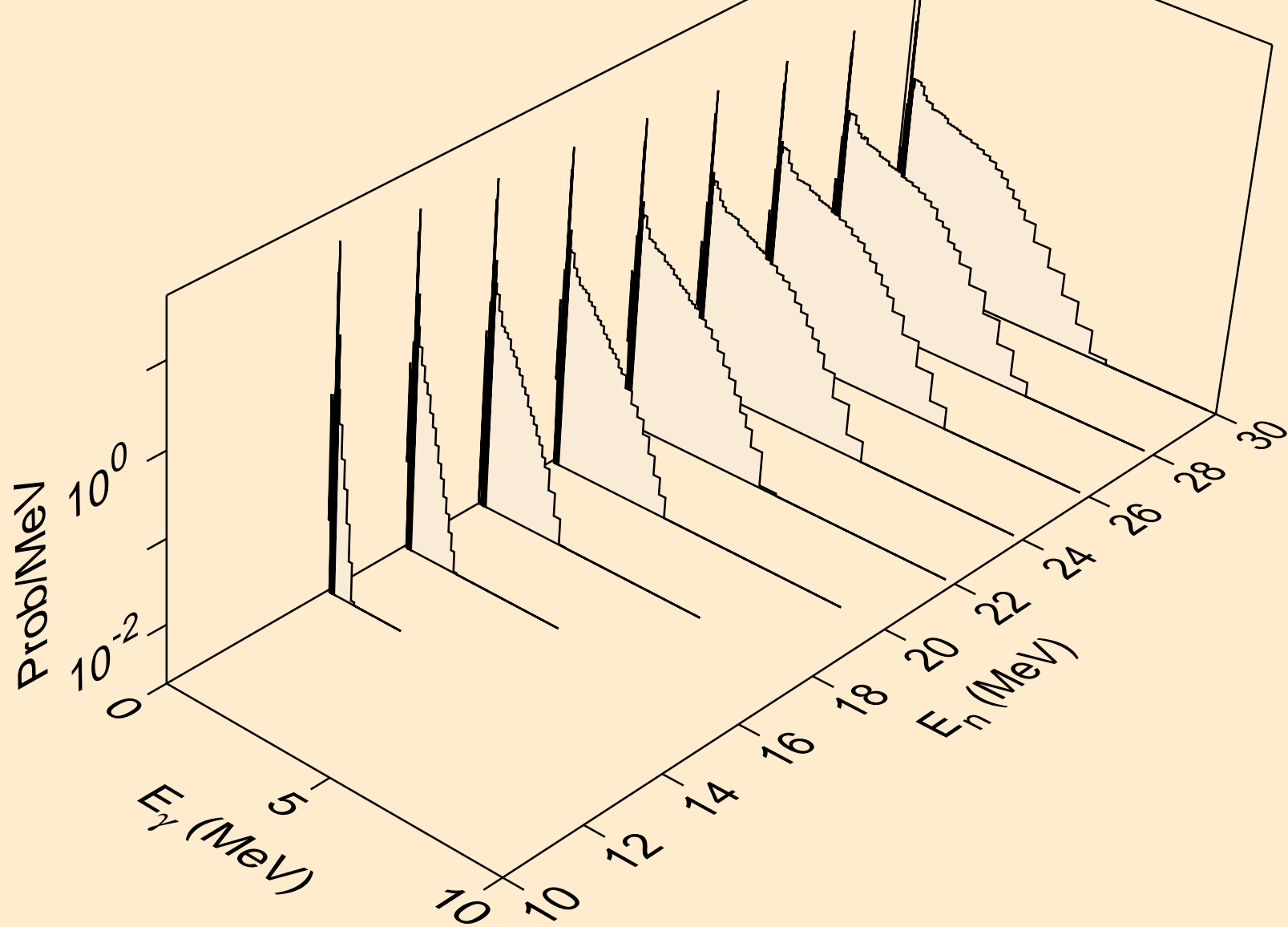


SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a

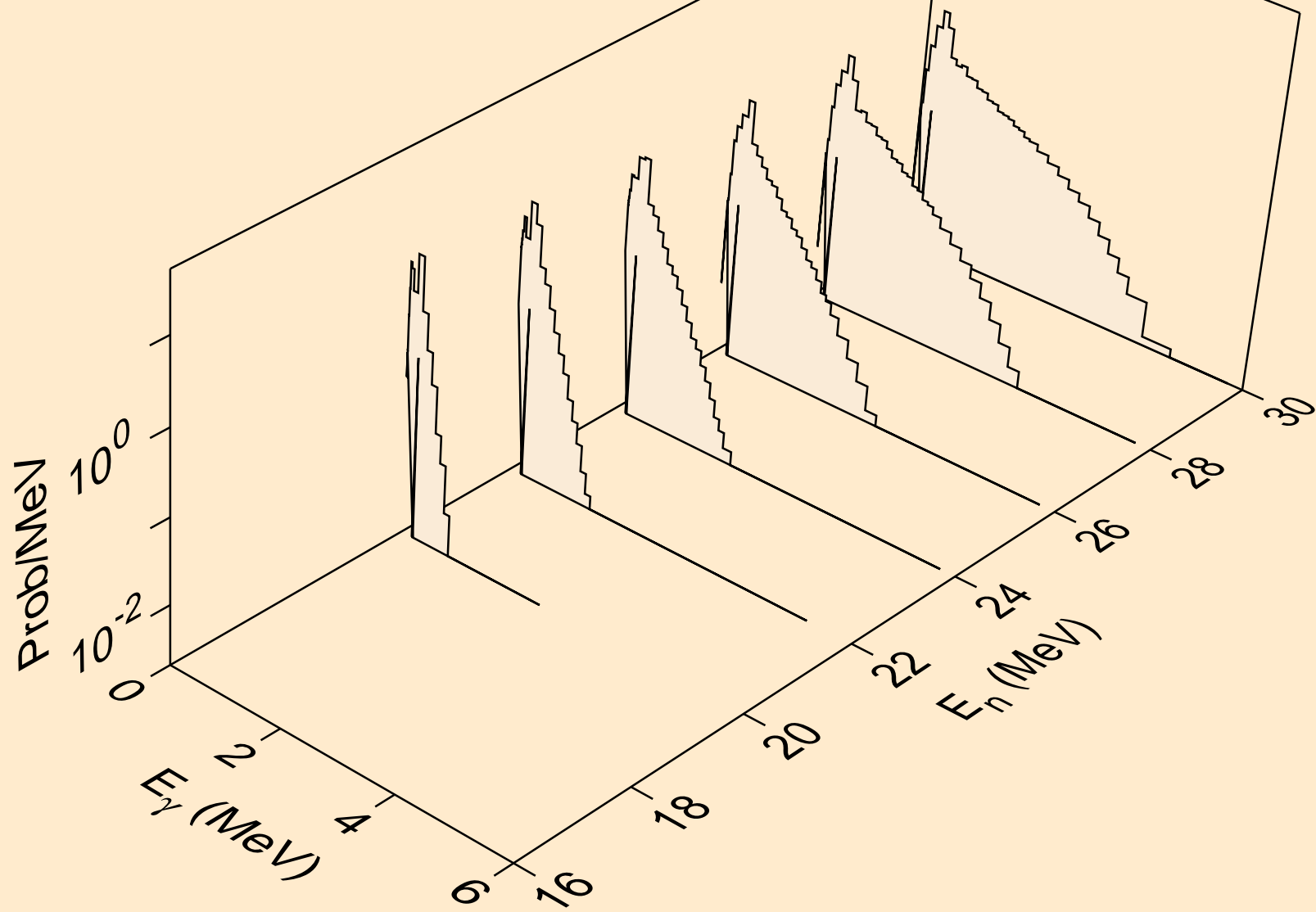




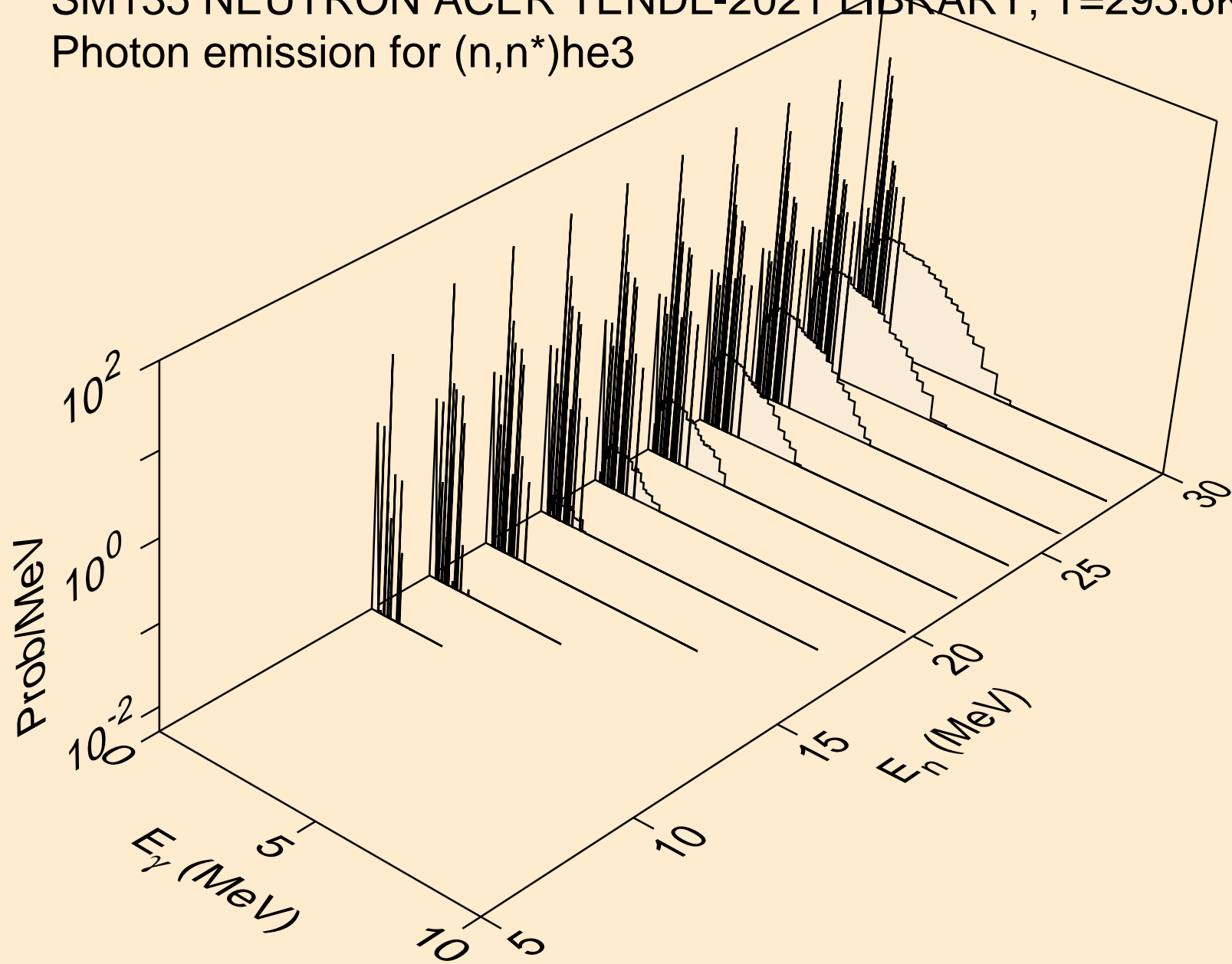
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



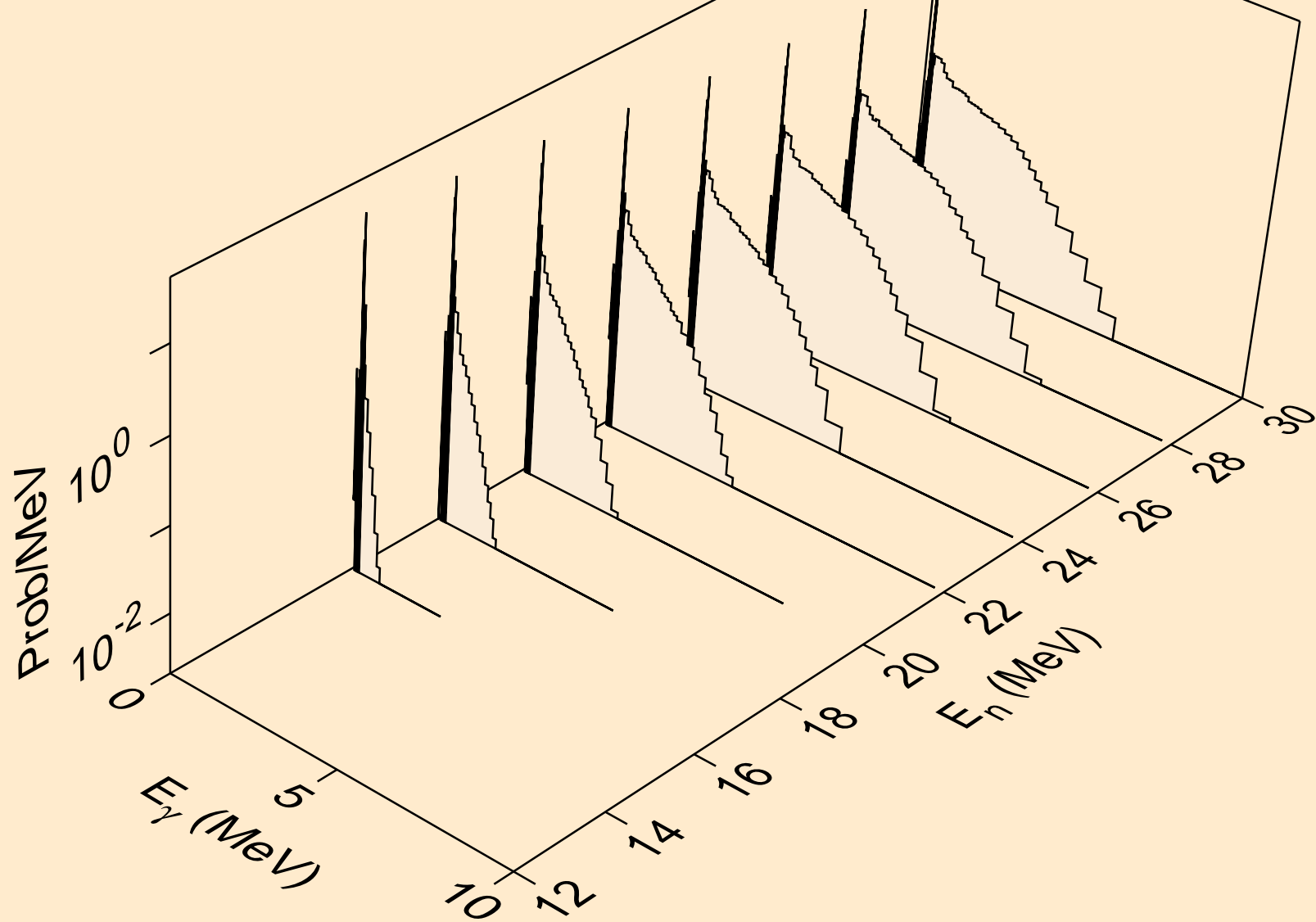
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



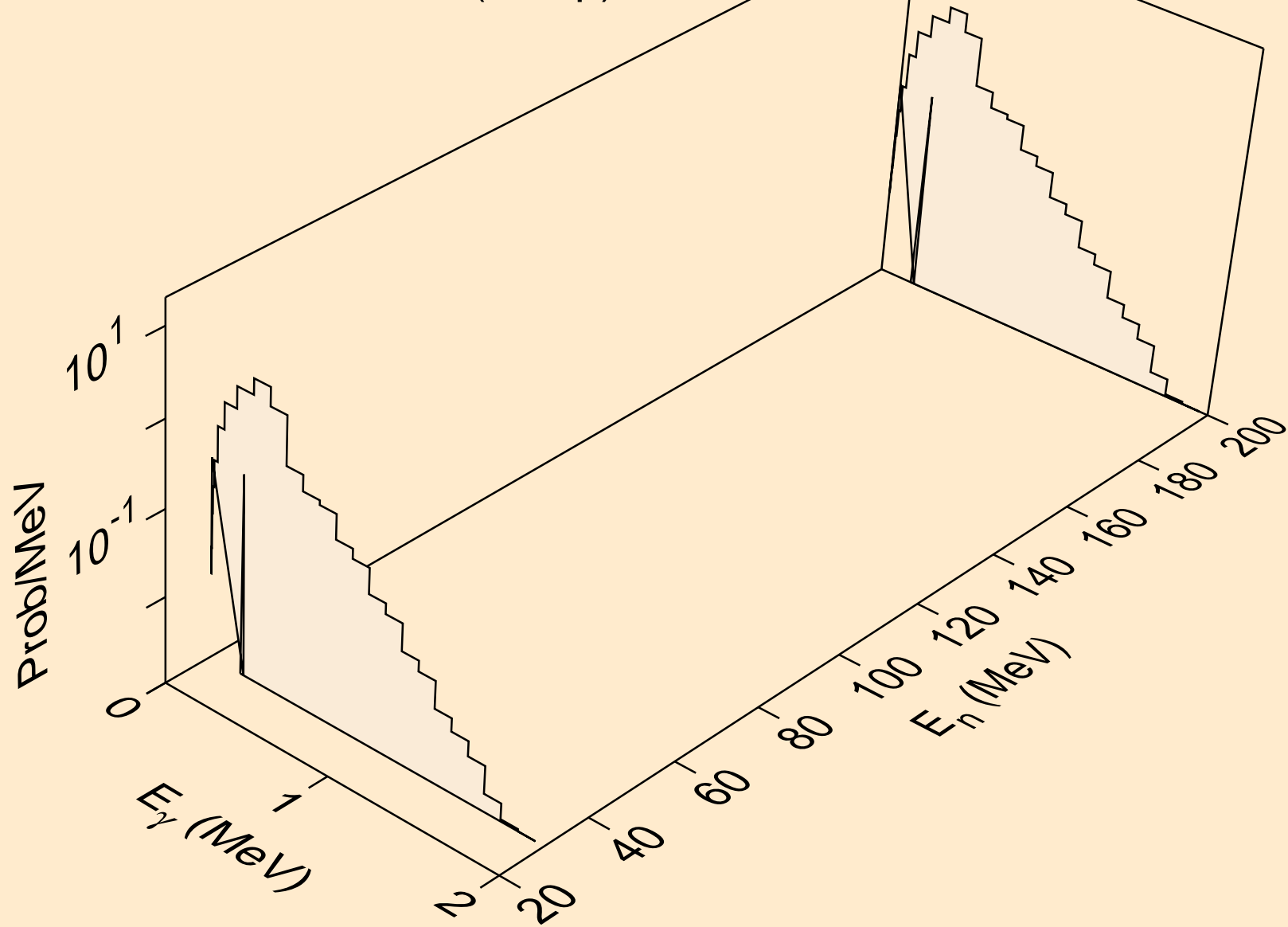
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



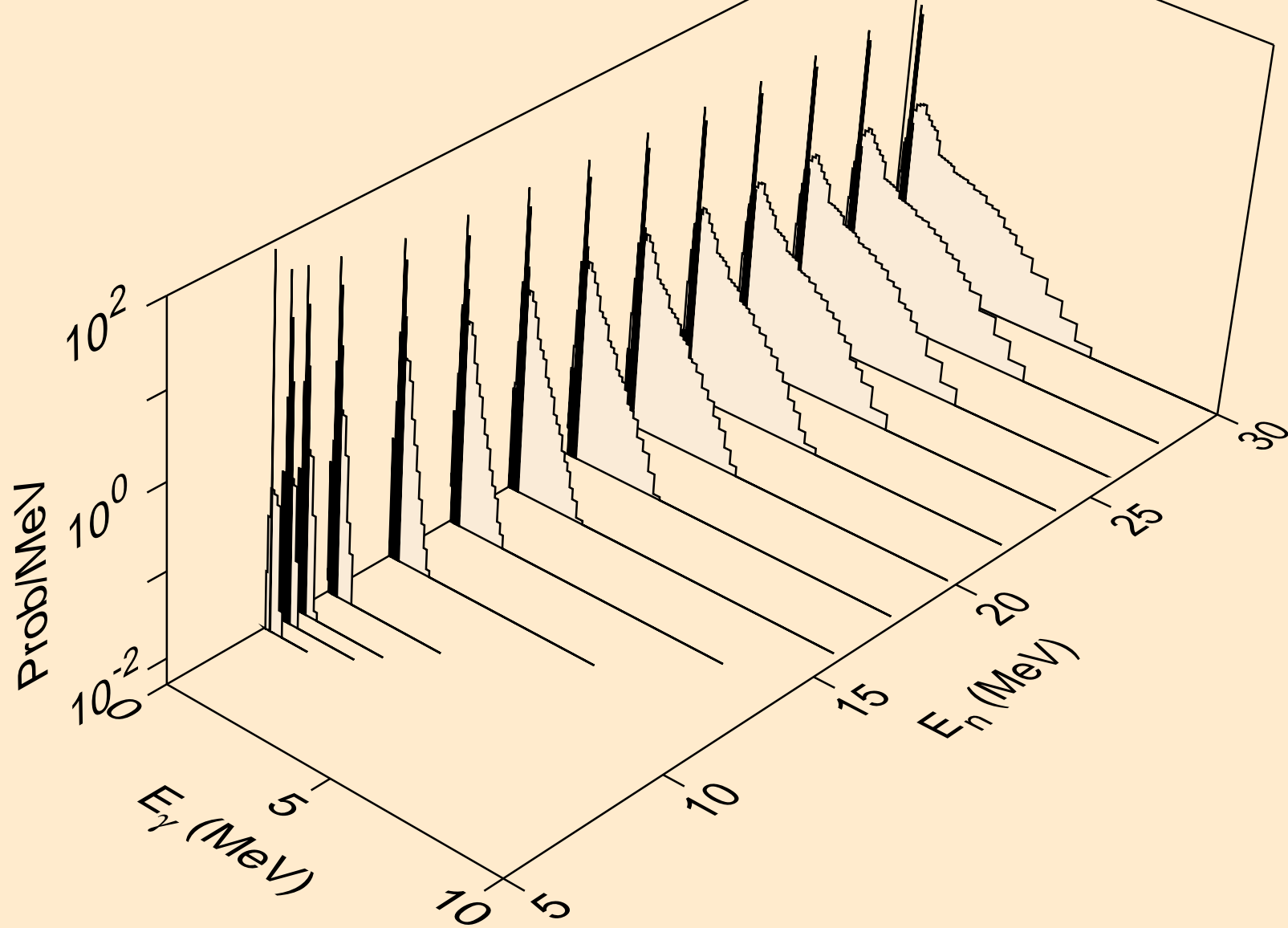
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Photon emission for (n,2np)



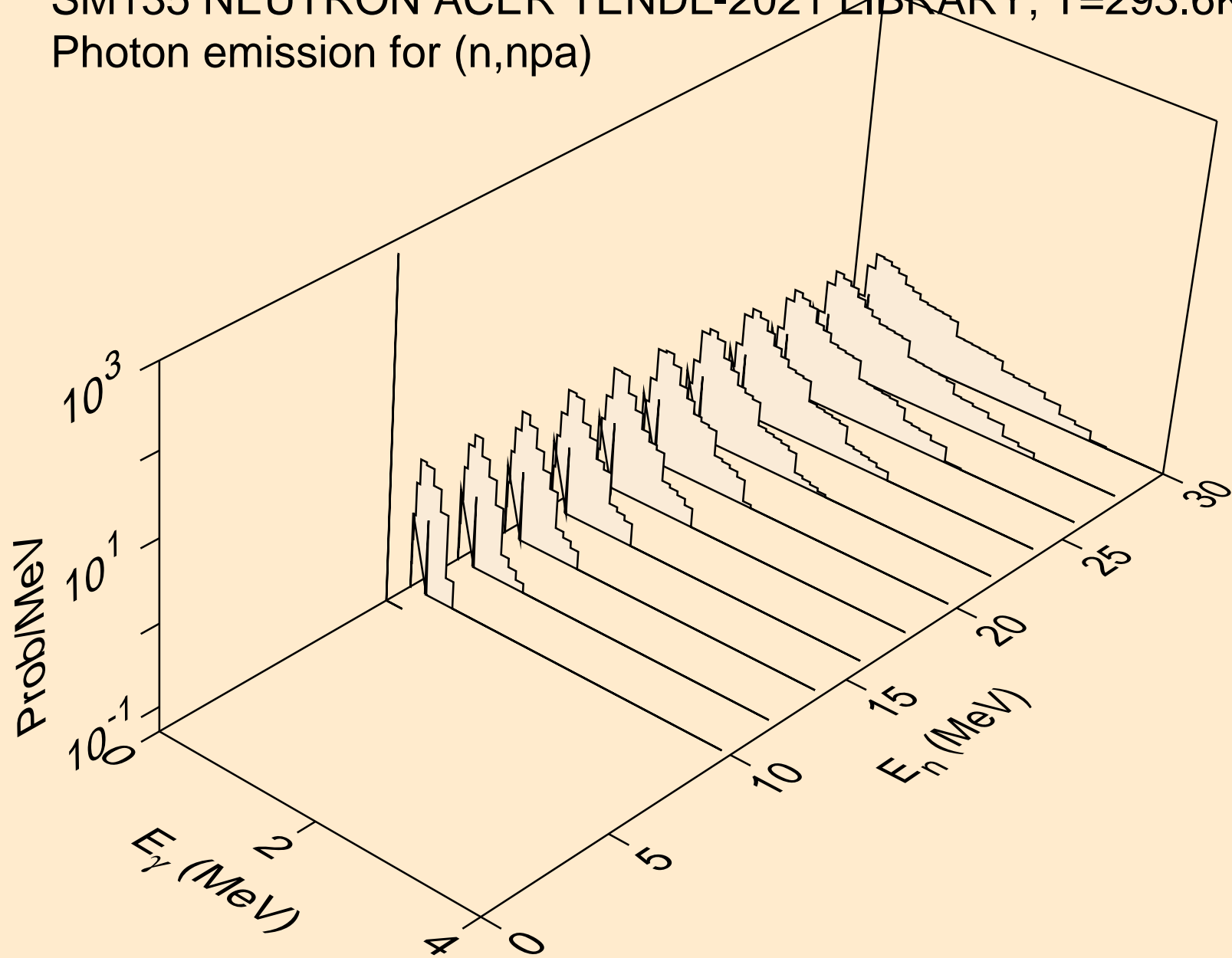
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Photon emission for (n,3np)



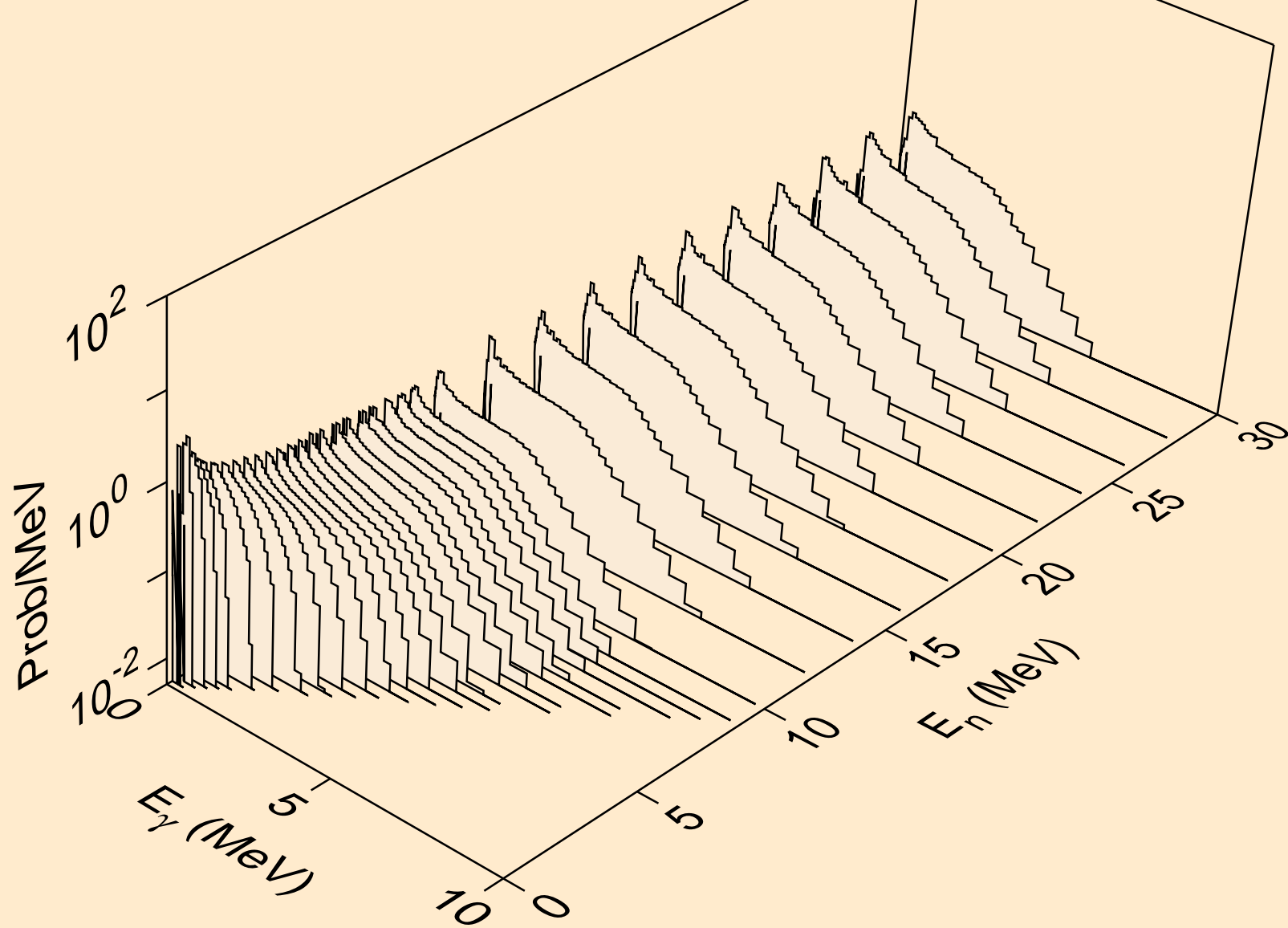
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

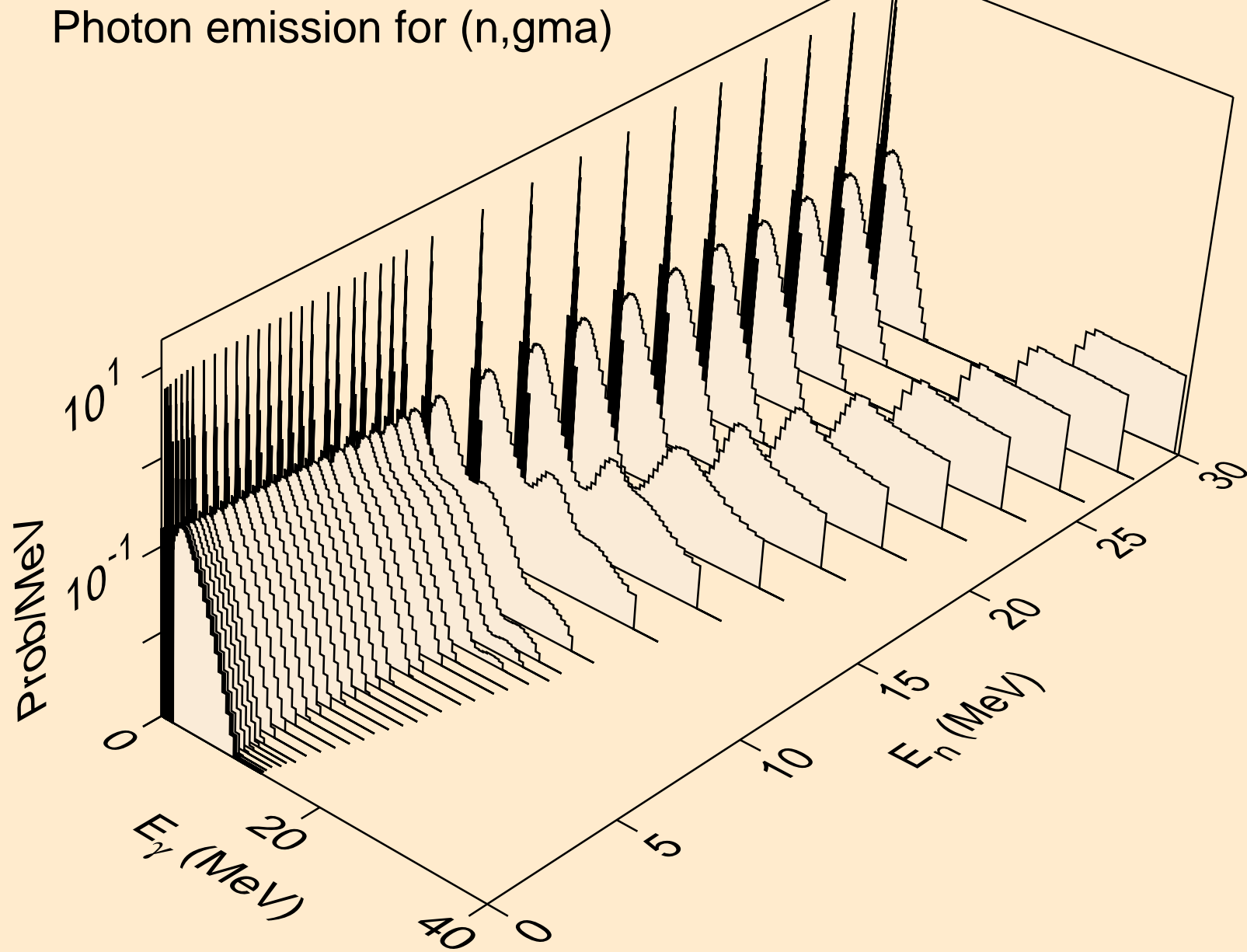


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Photon emission for (n,n\*c)

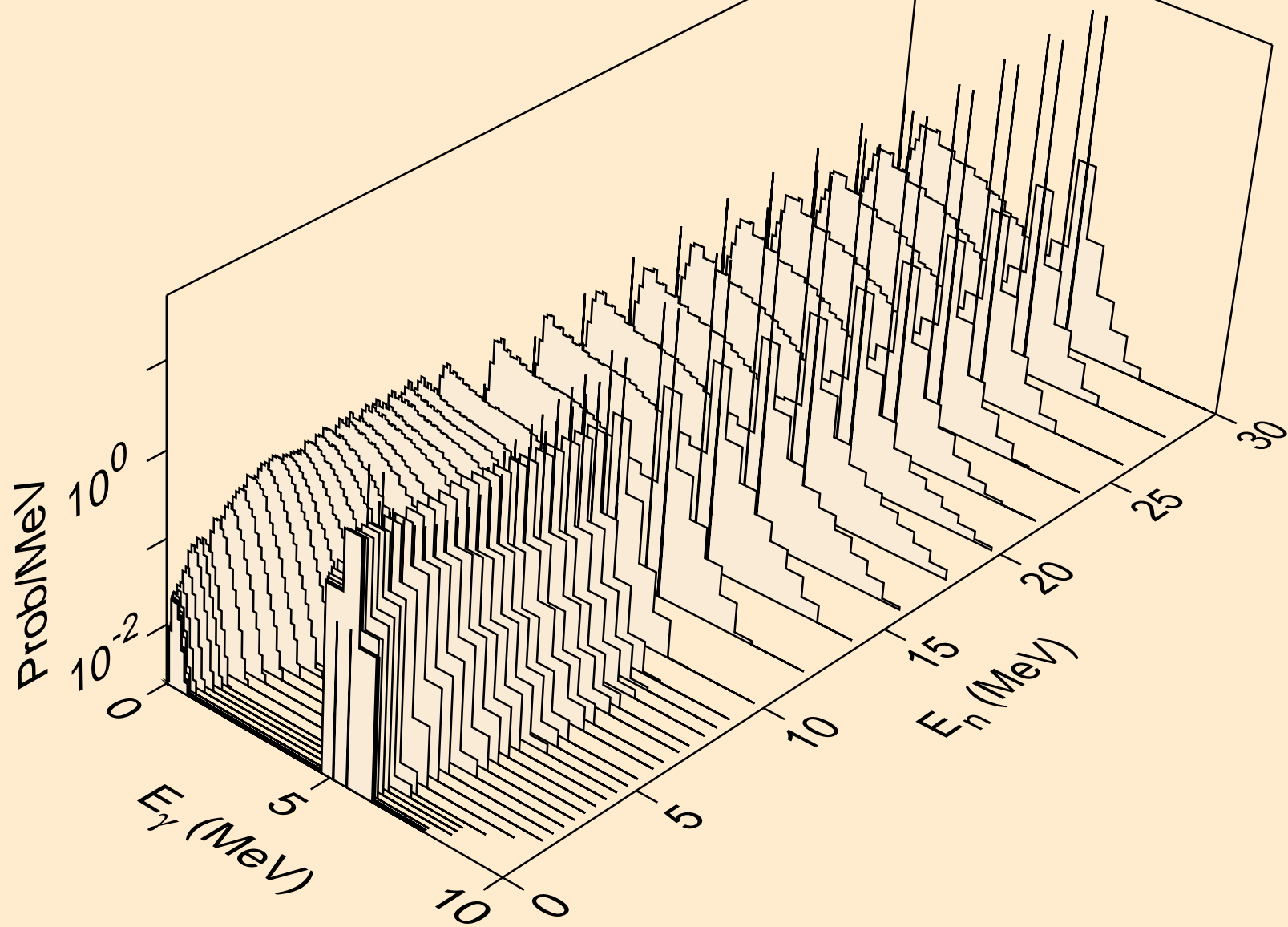




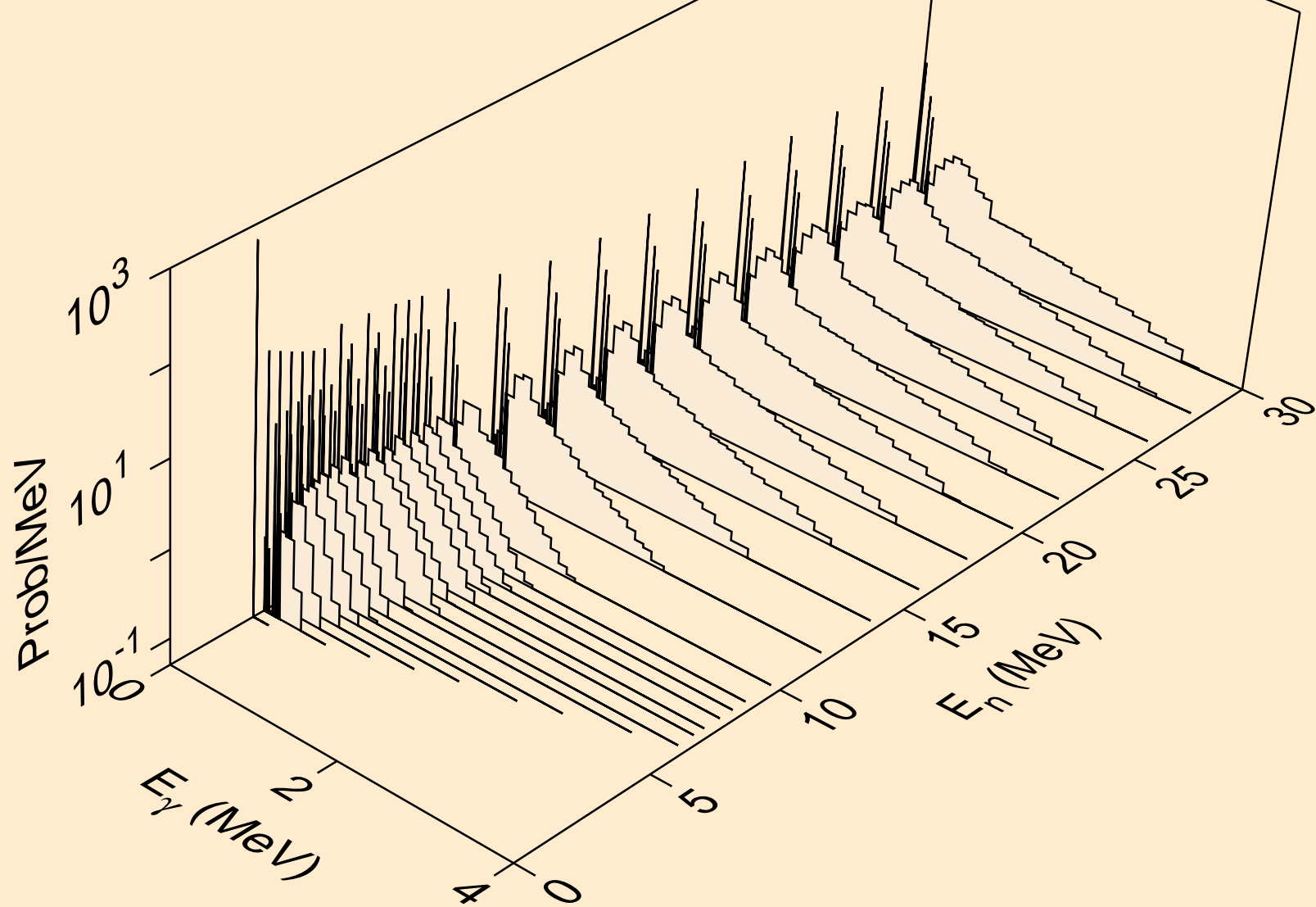
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



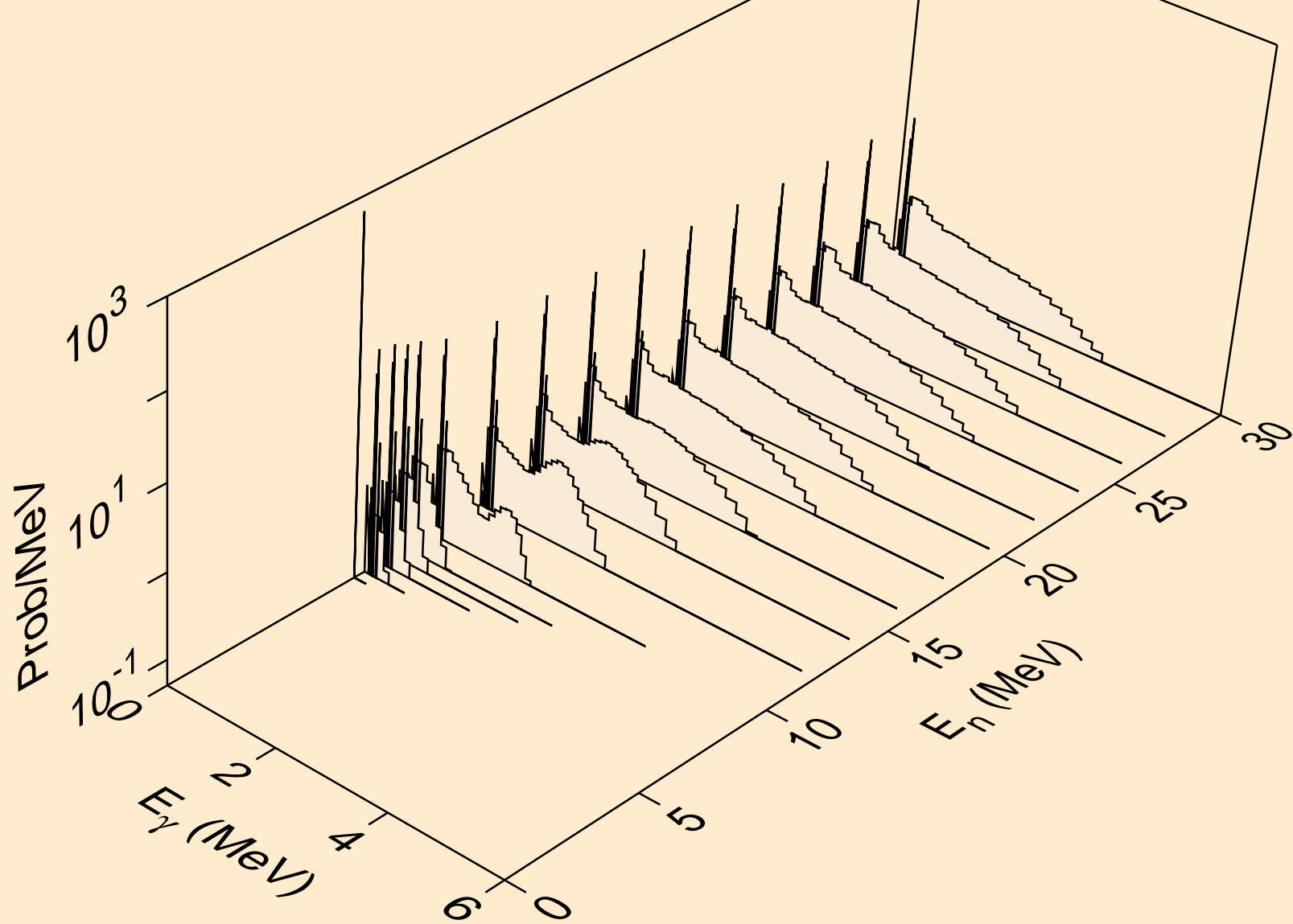
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



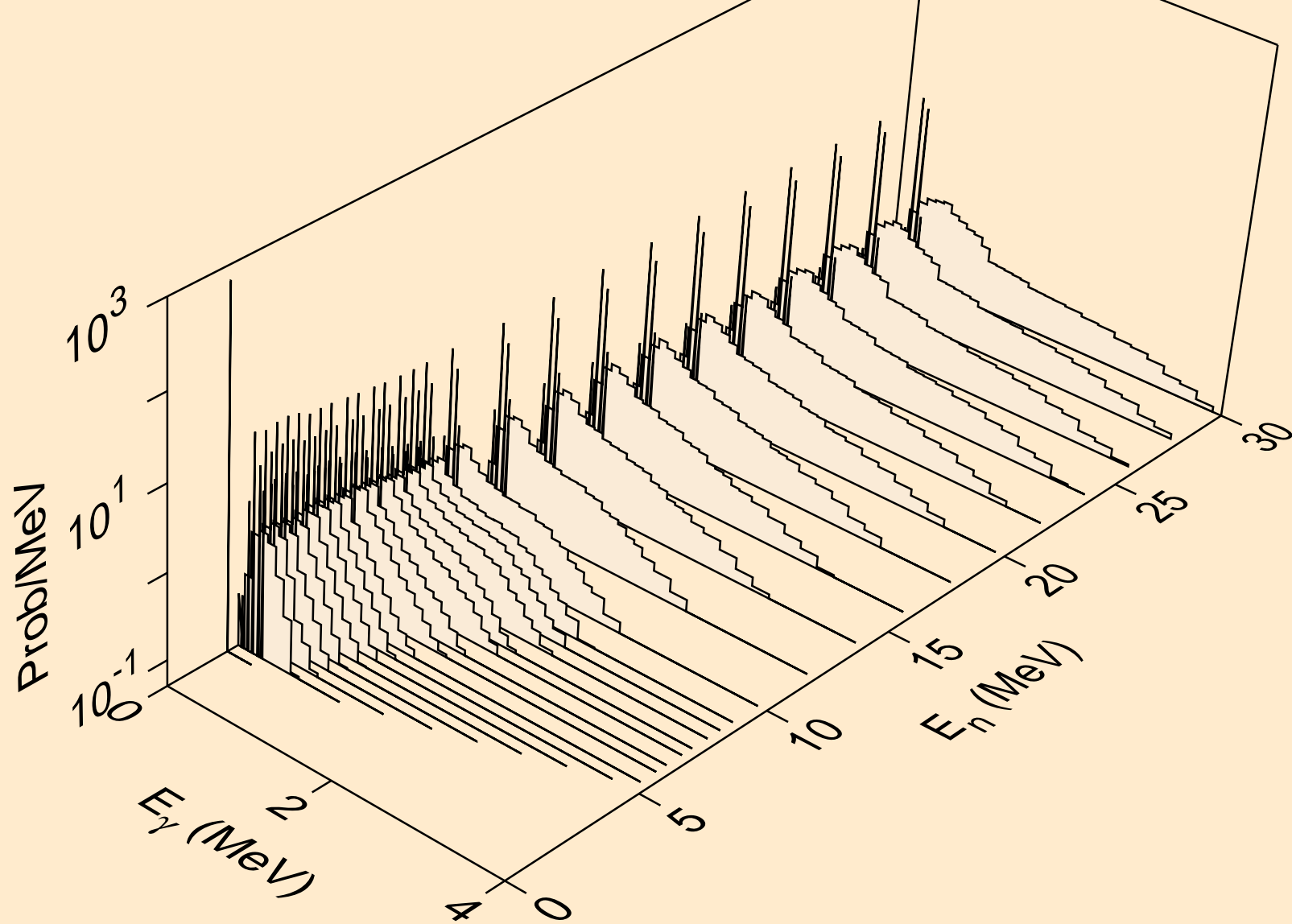
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



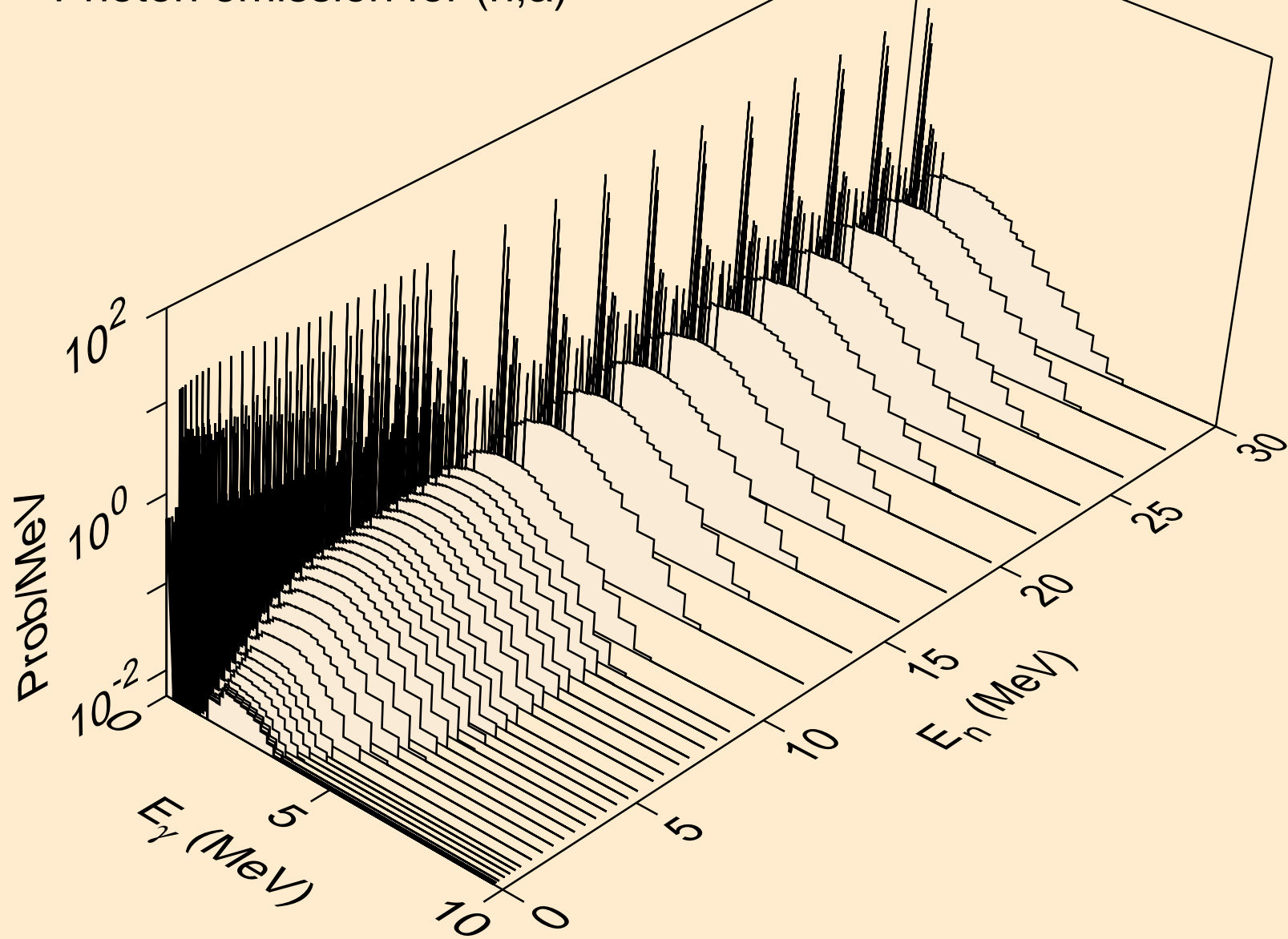
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



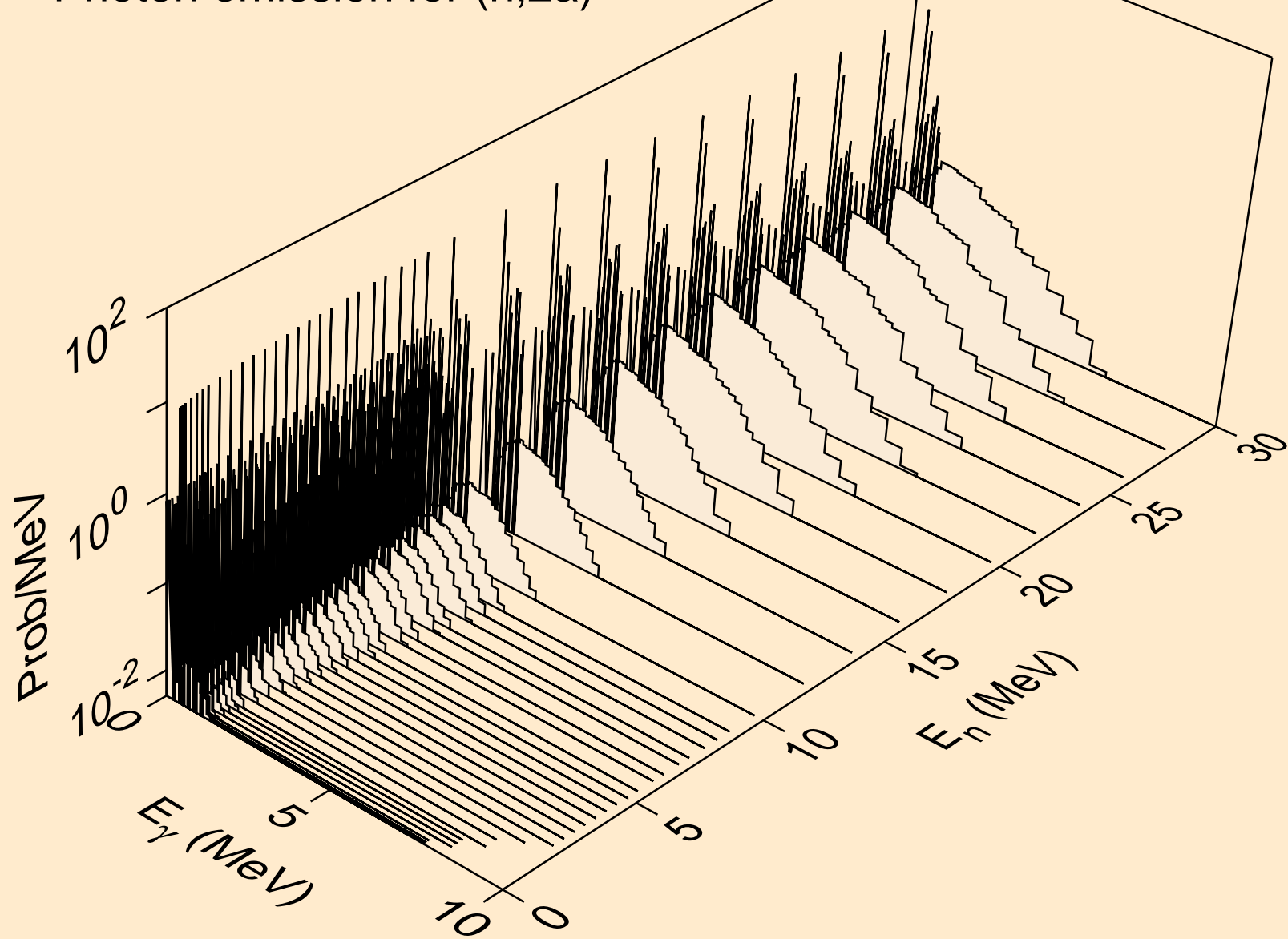
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



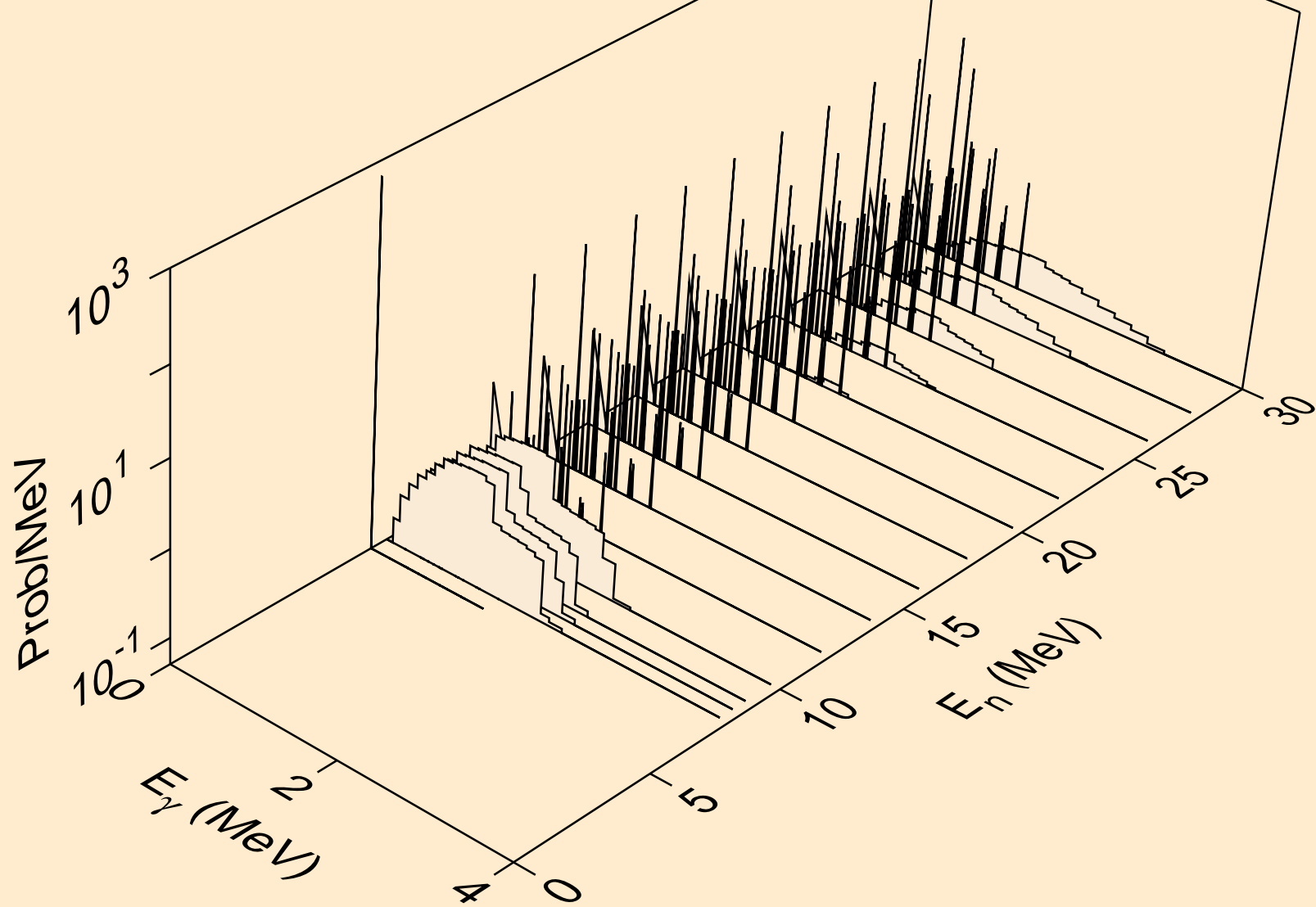
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)

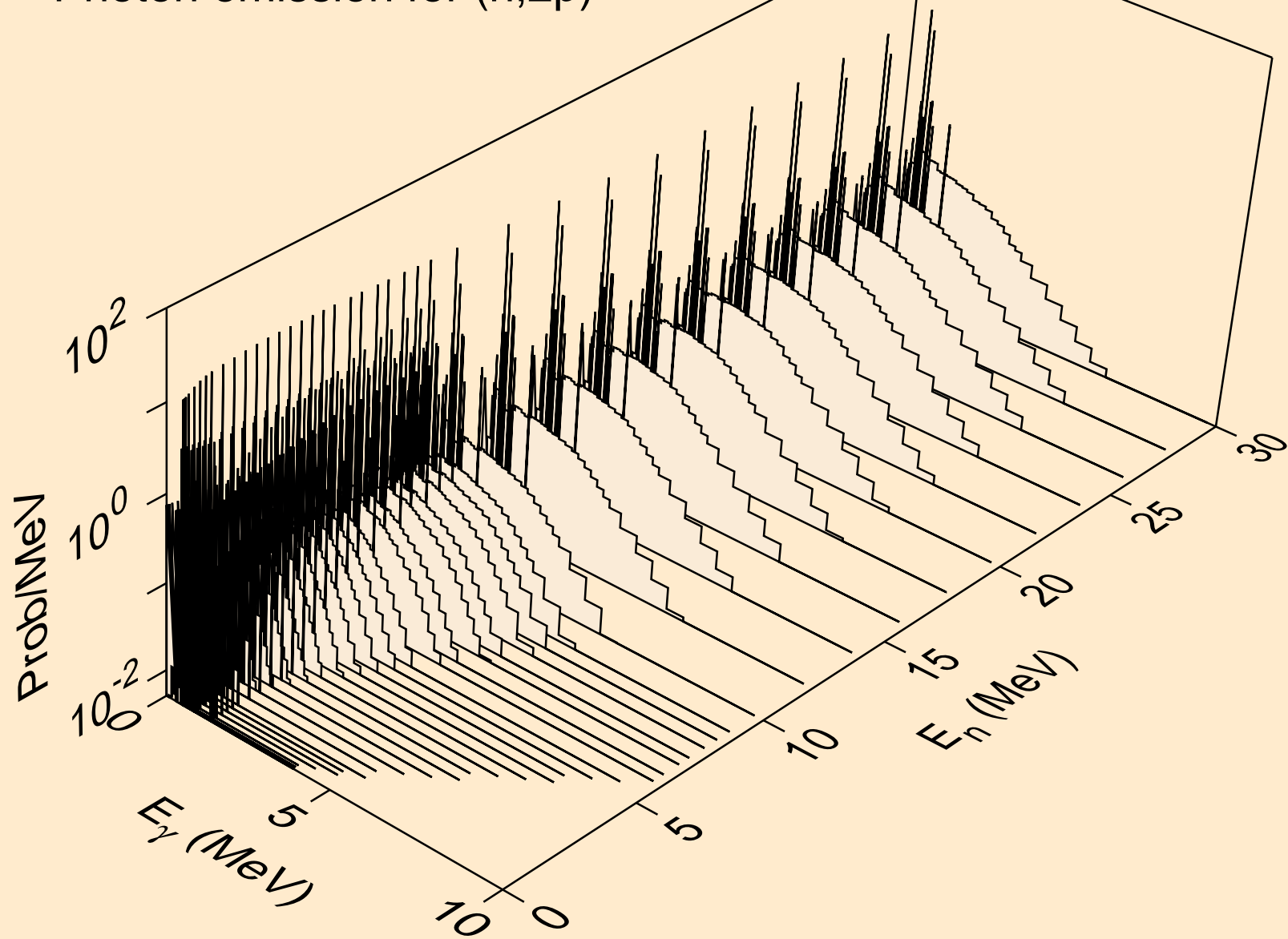


SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)

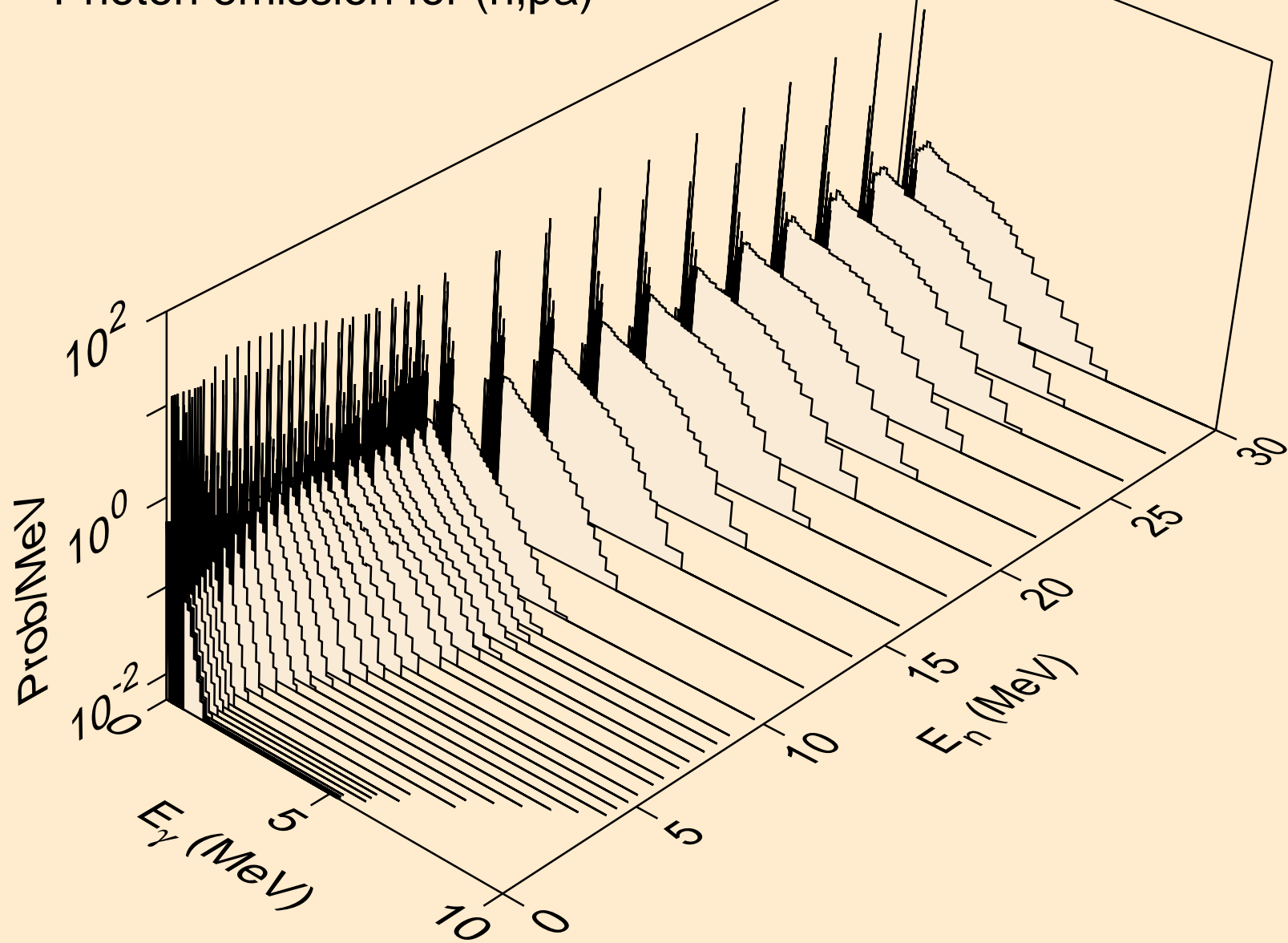




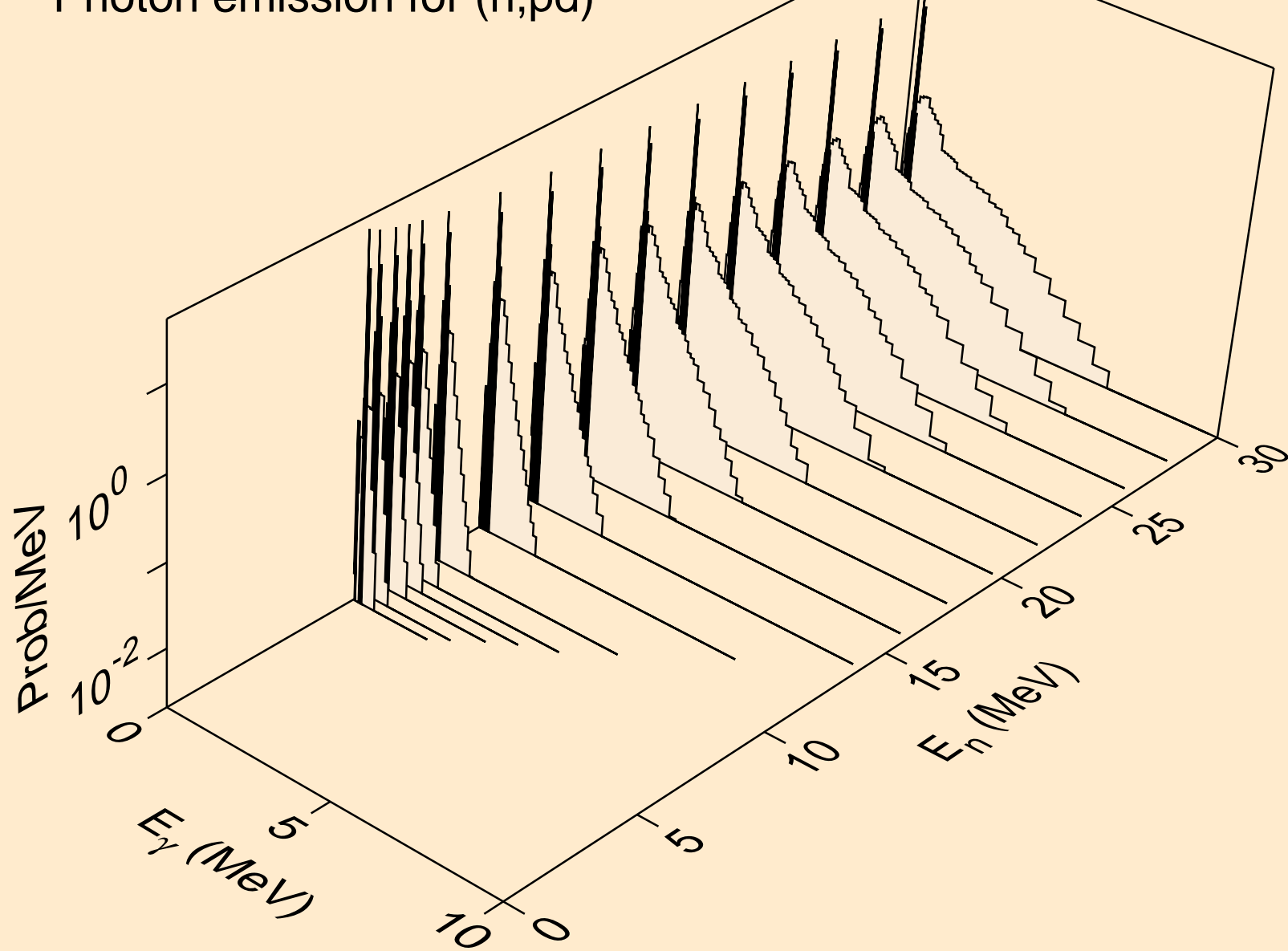
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



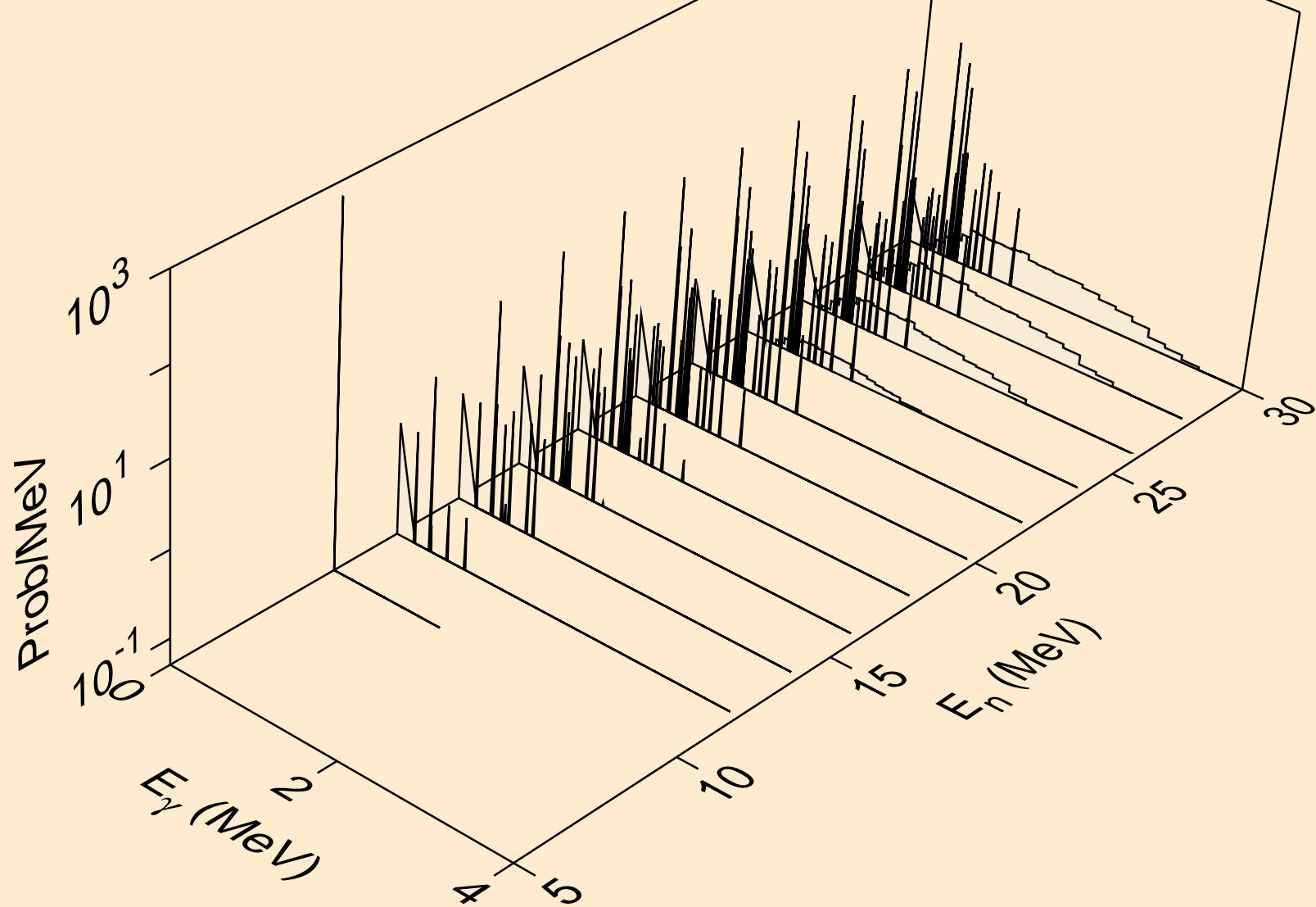
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



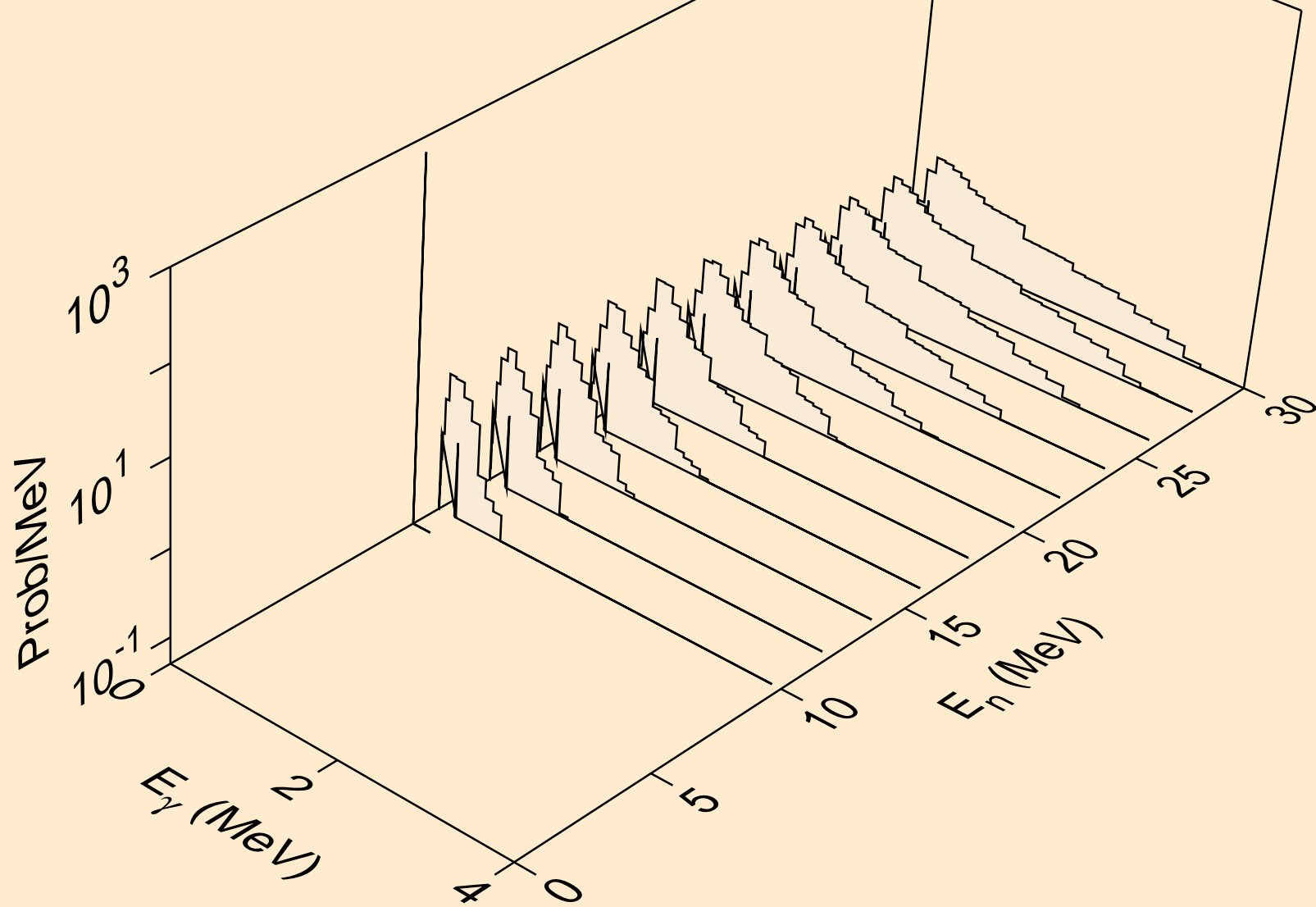
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



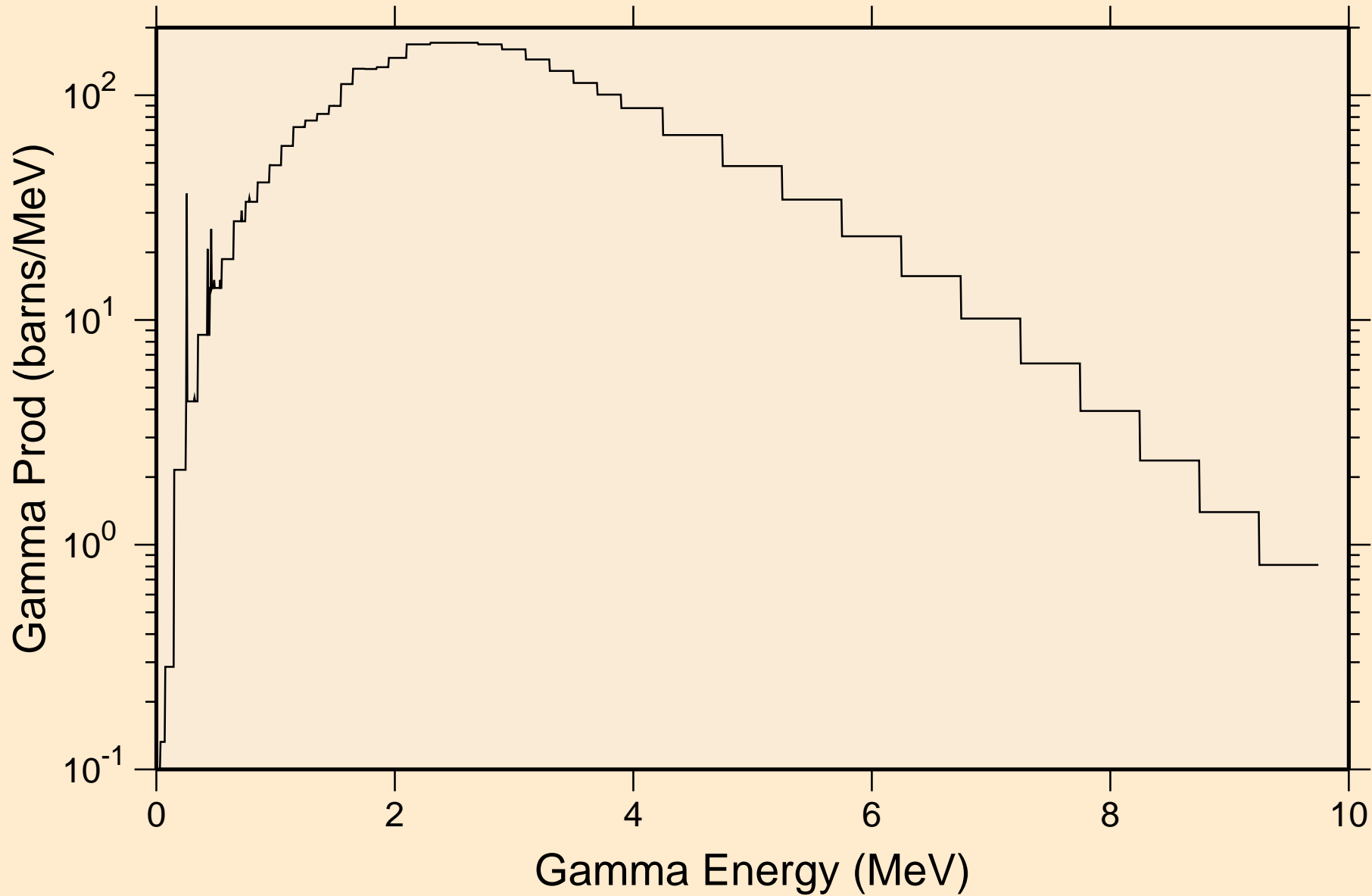
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



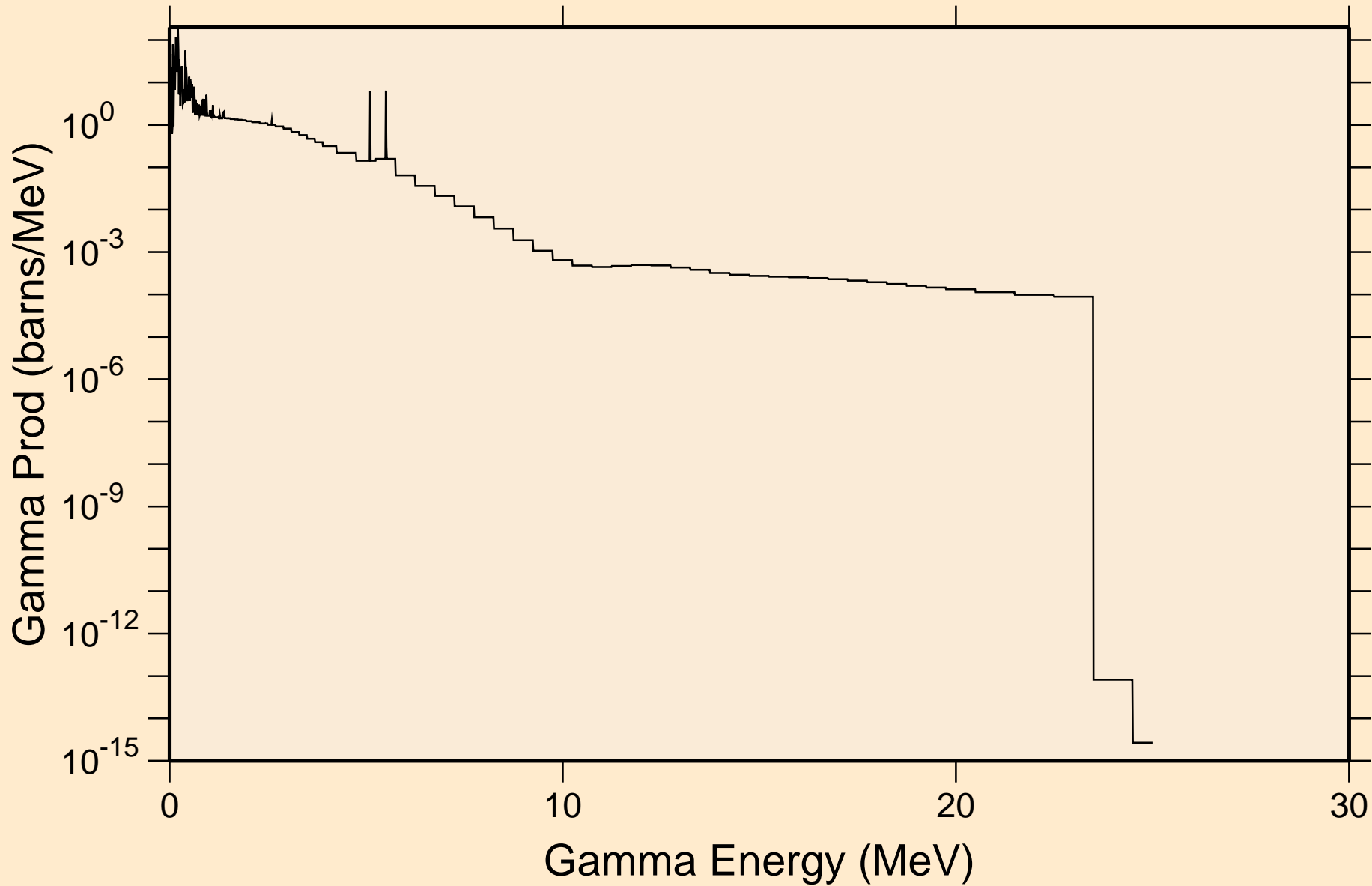
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

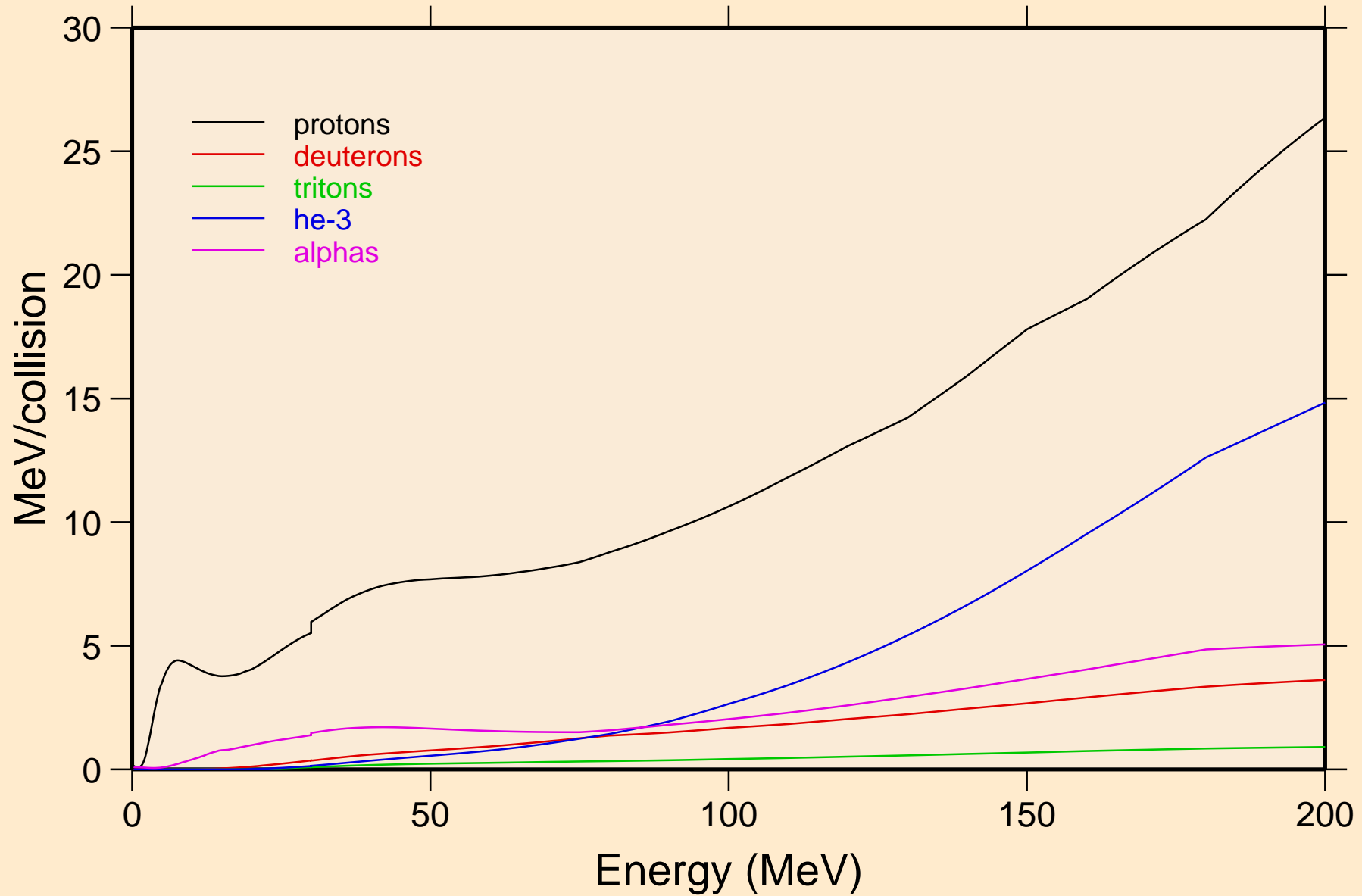


SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



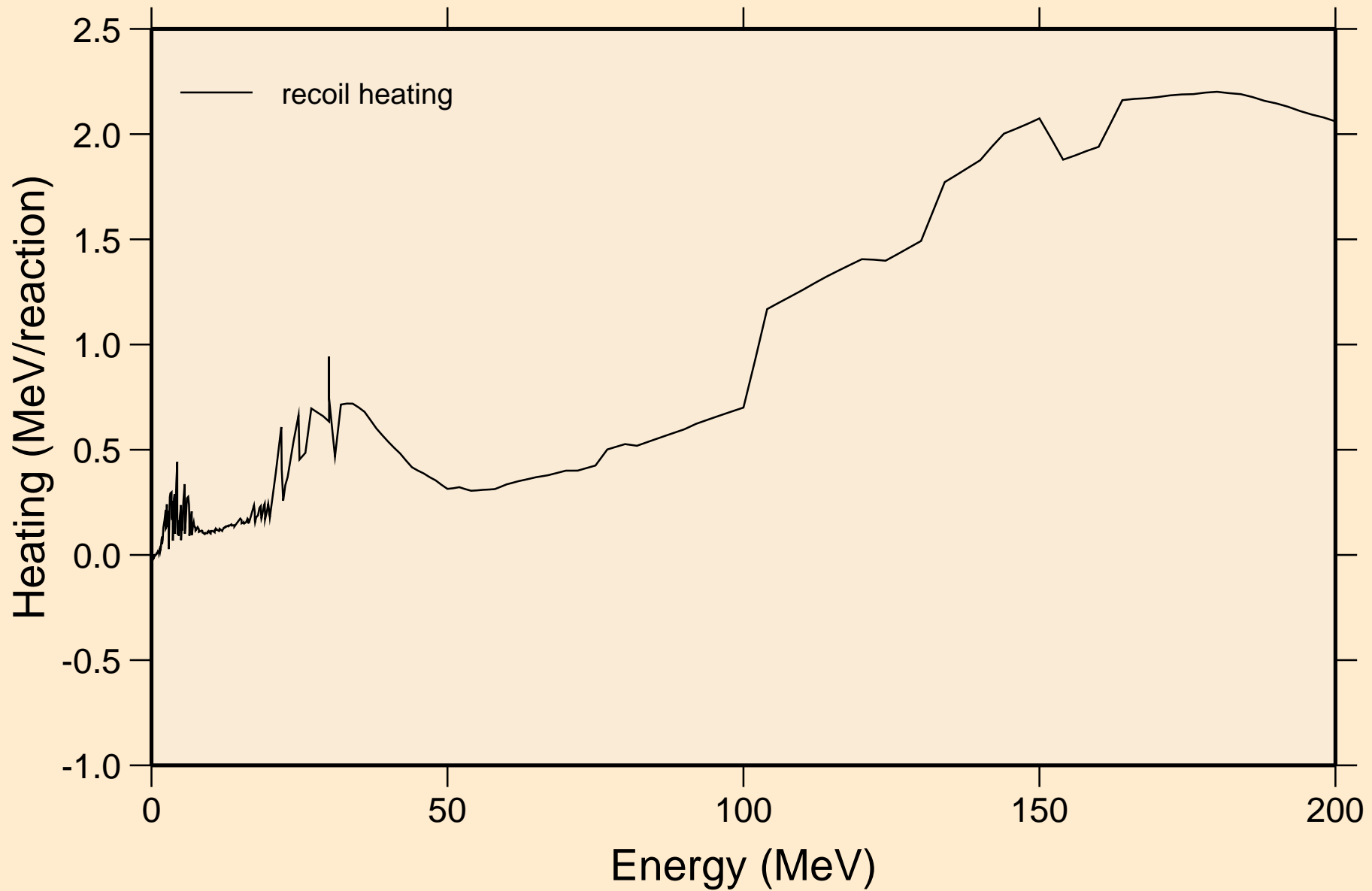
# SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

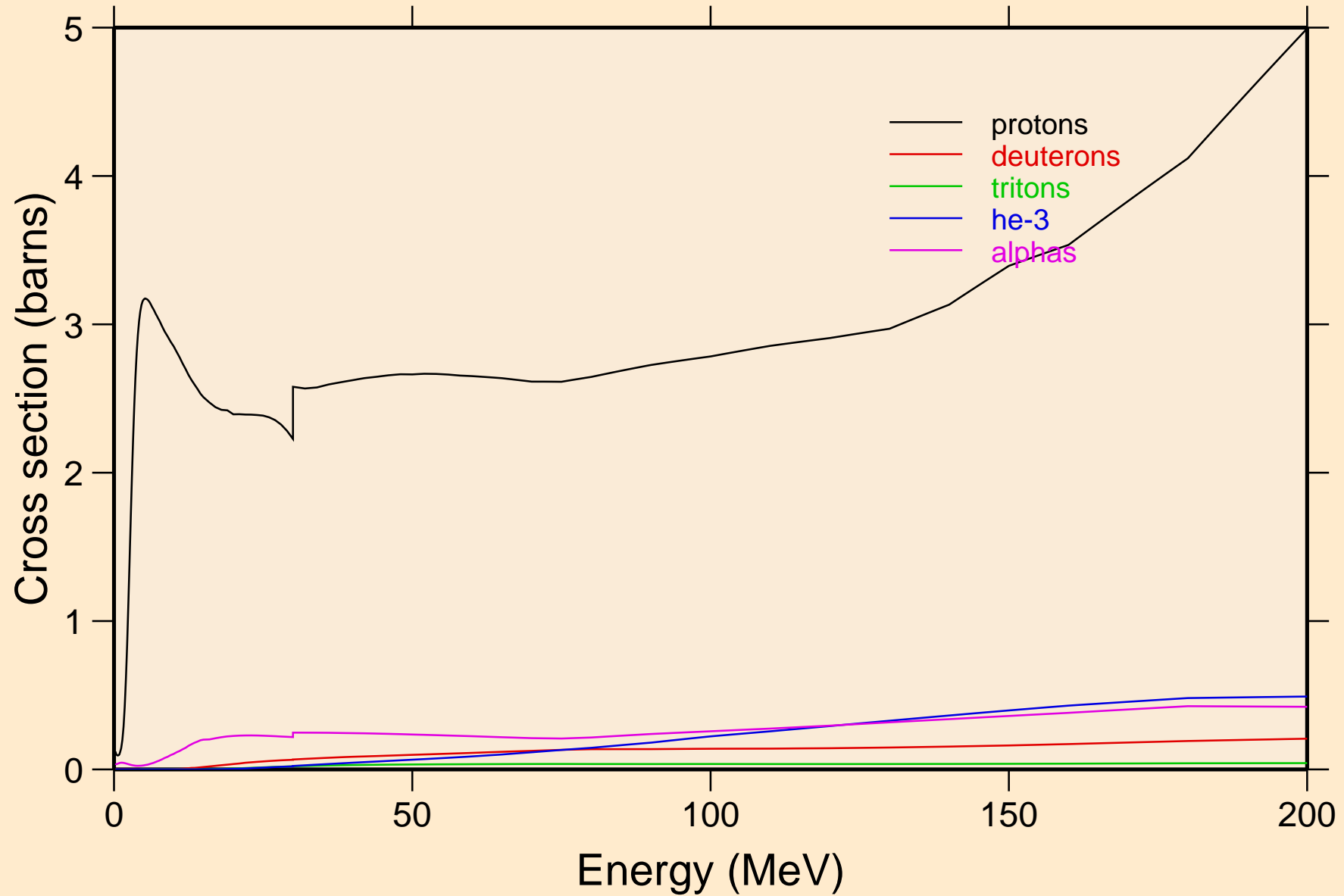




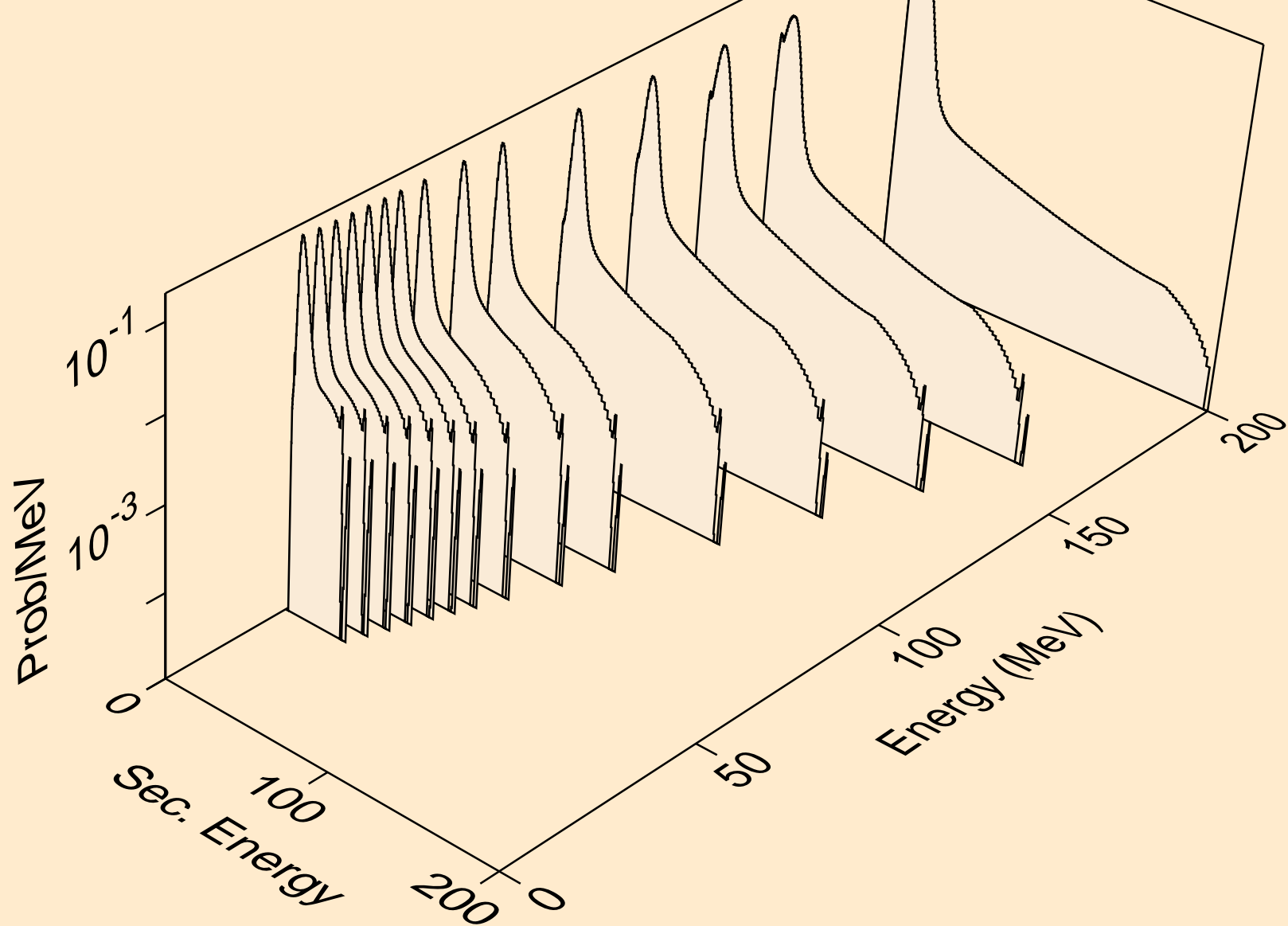
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



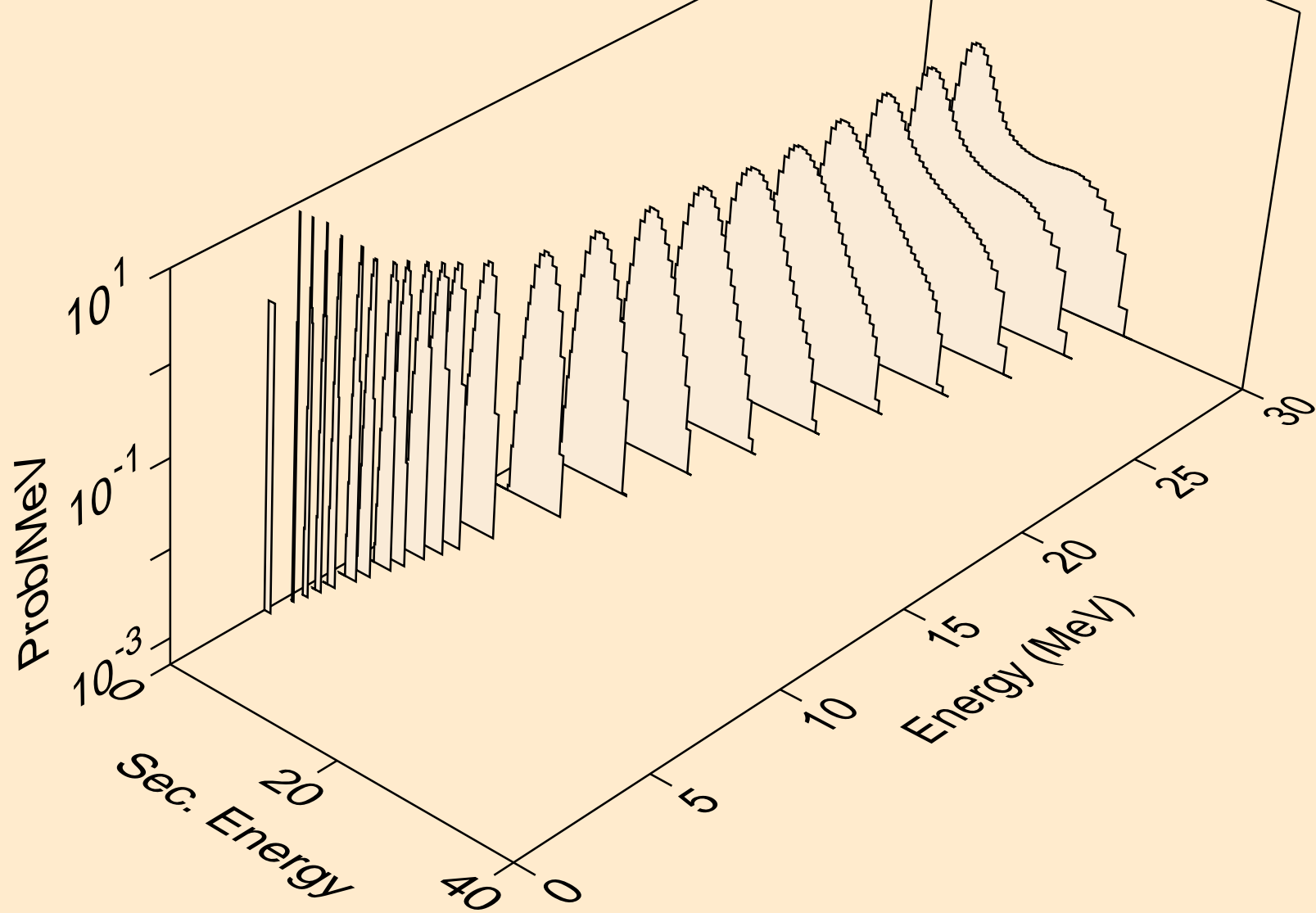
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



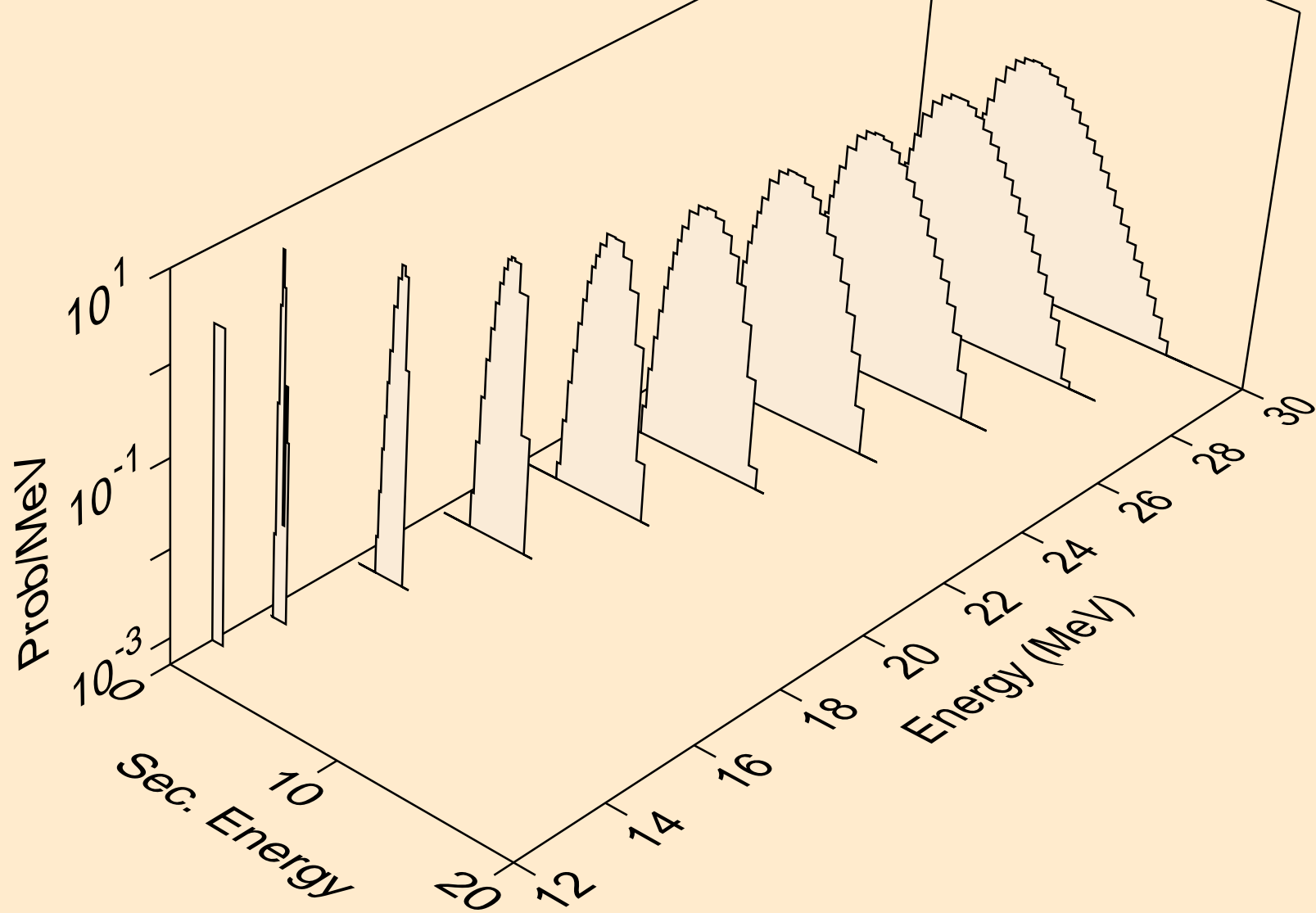
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



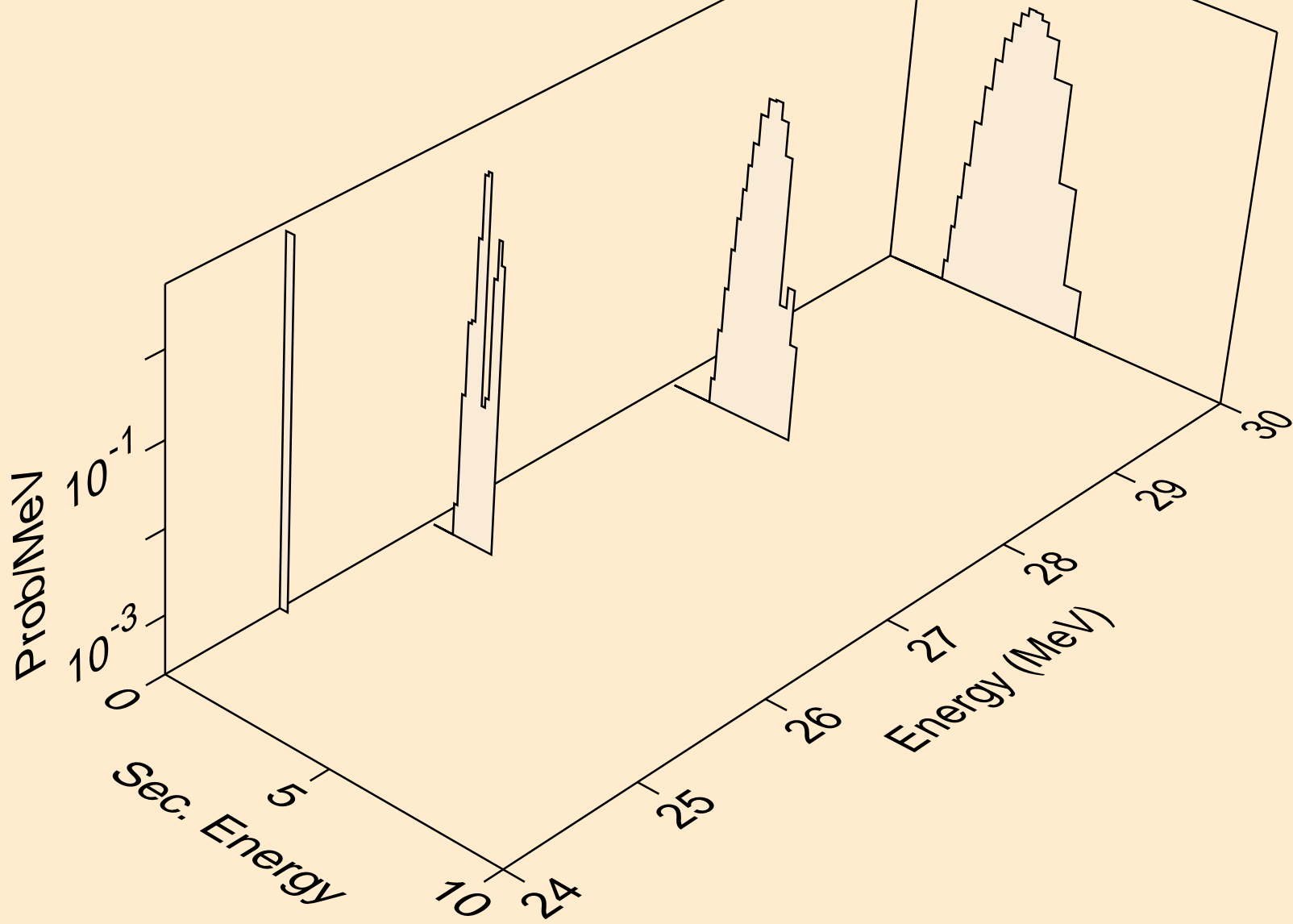
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



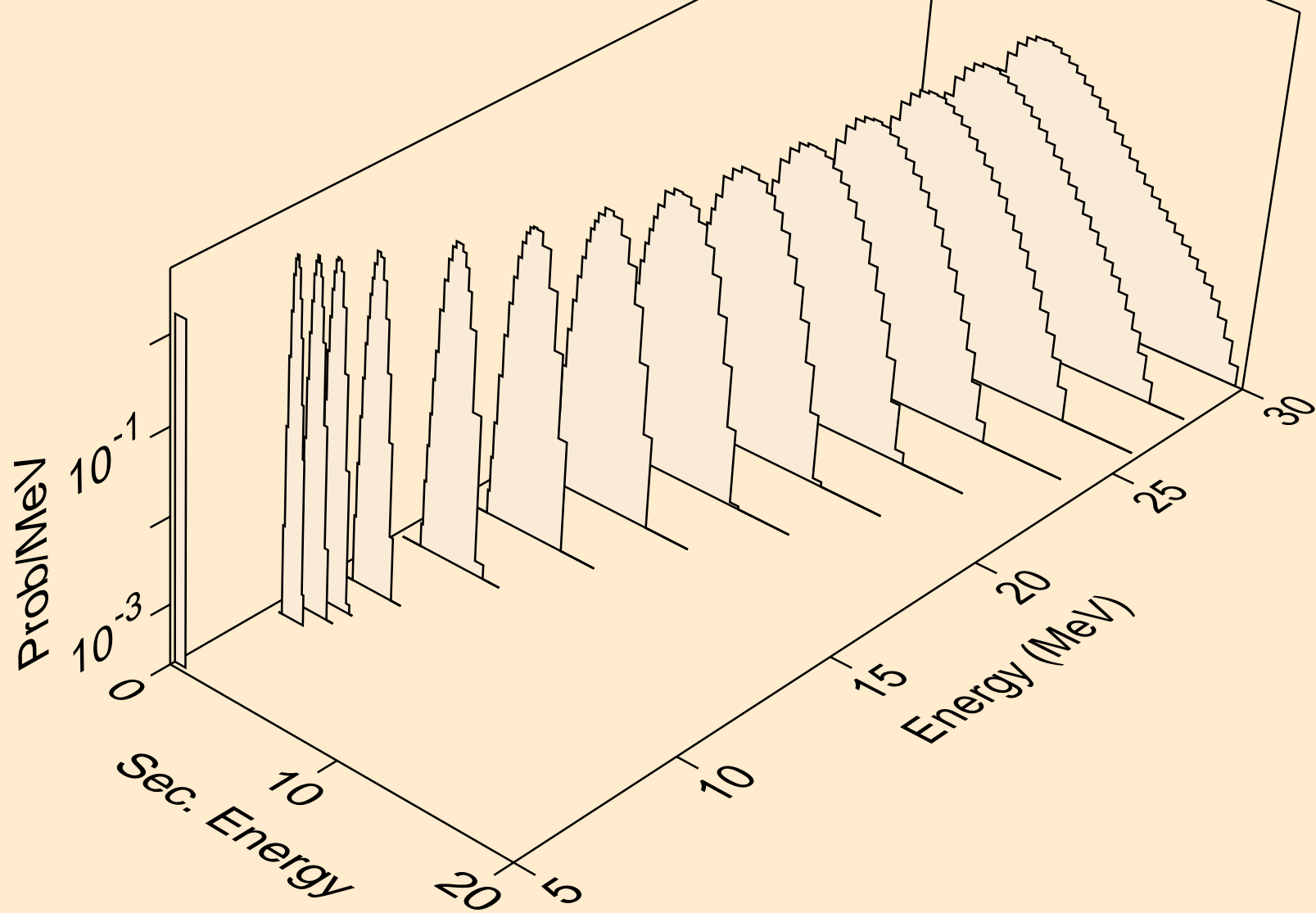
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protons from (n,2np)



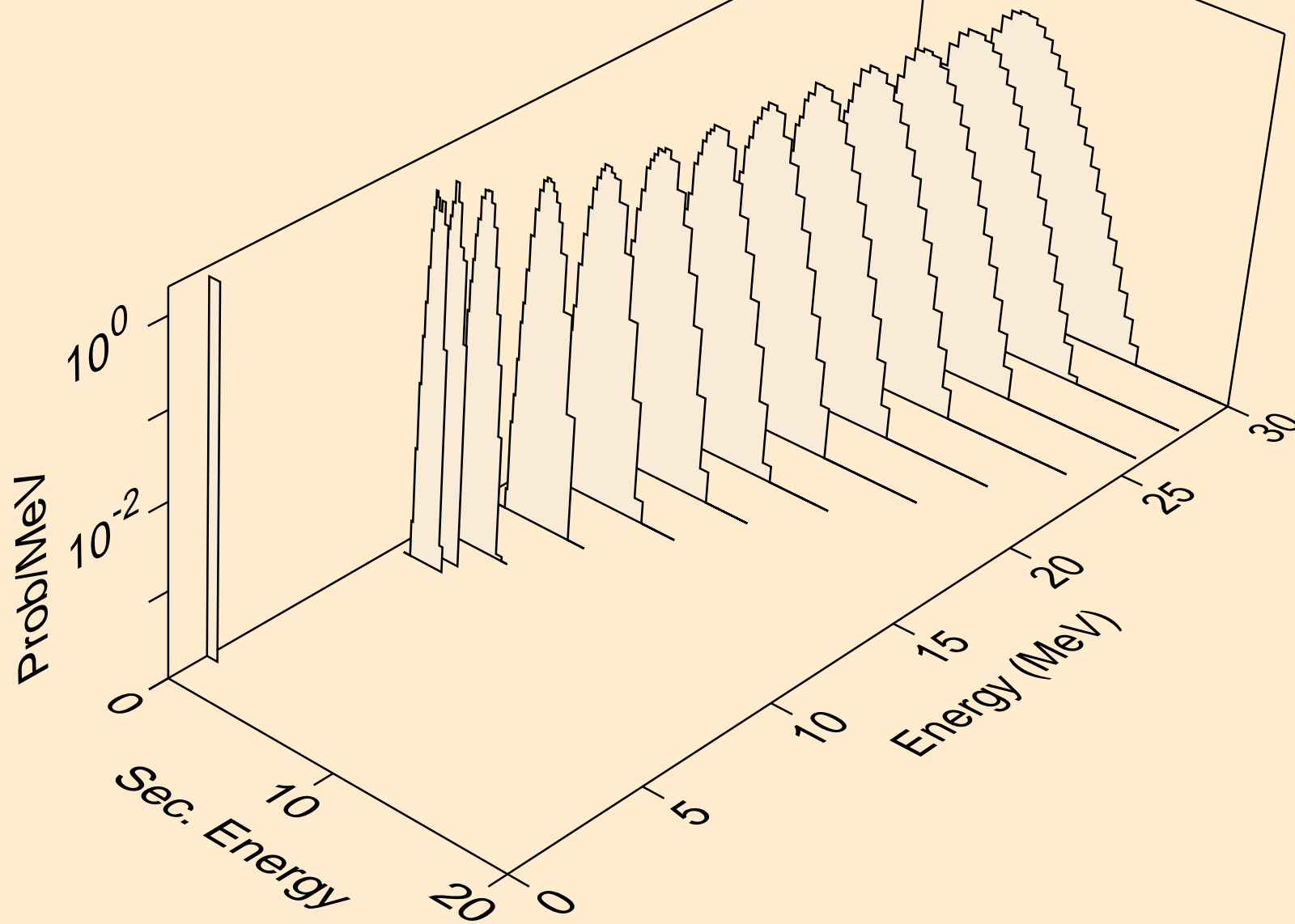
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

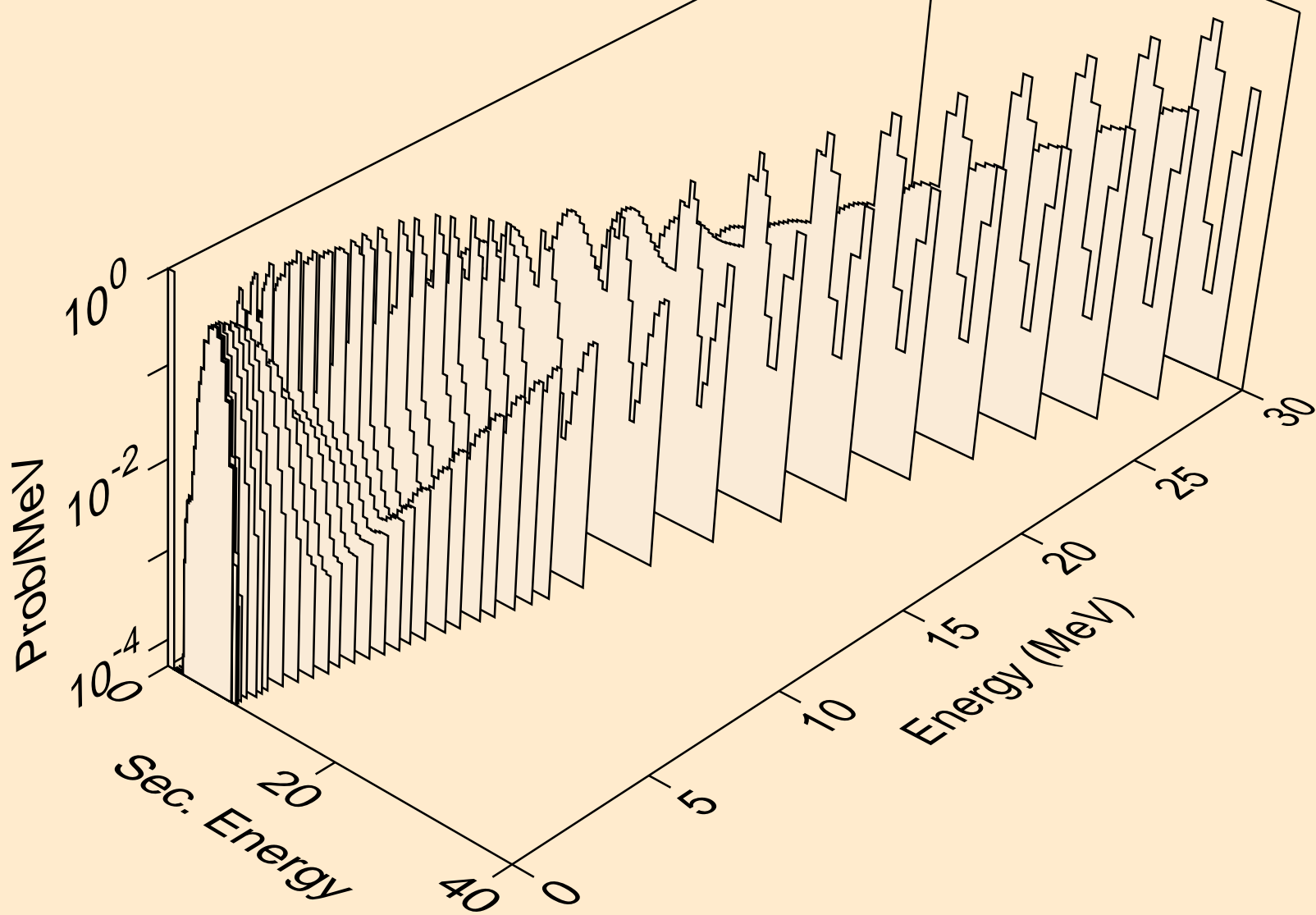


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protons from (n,npa)

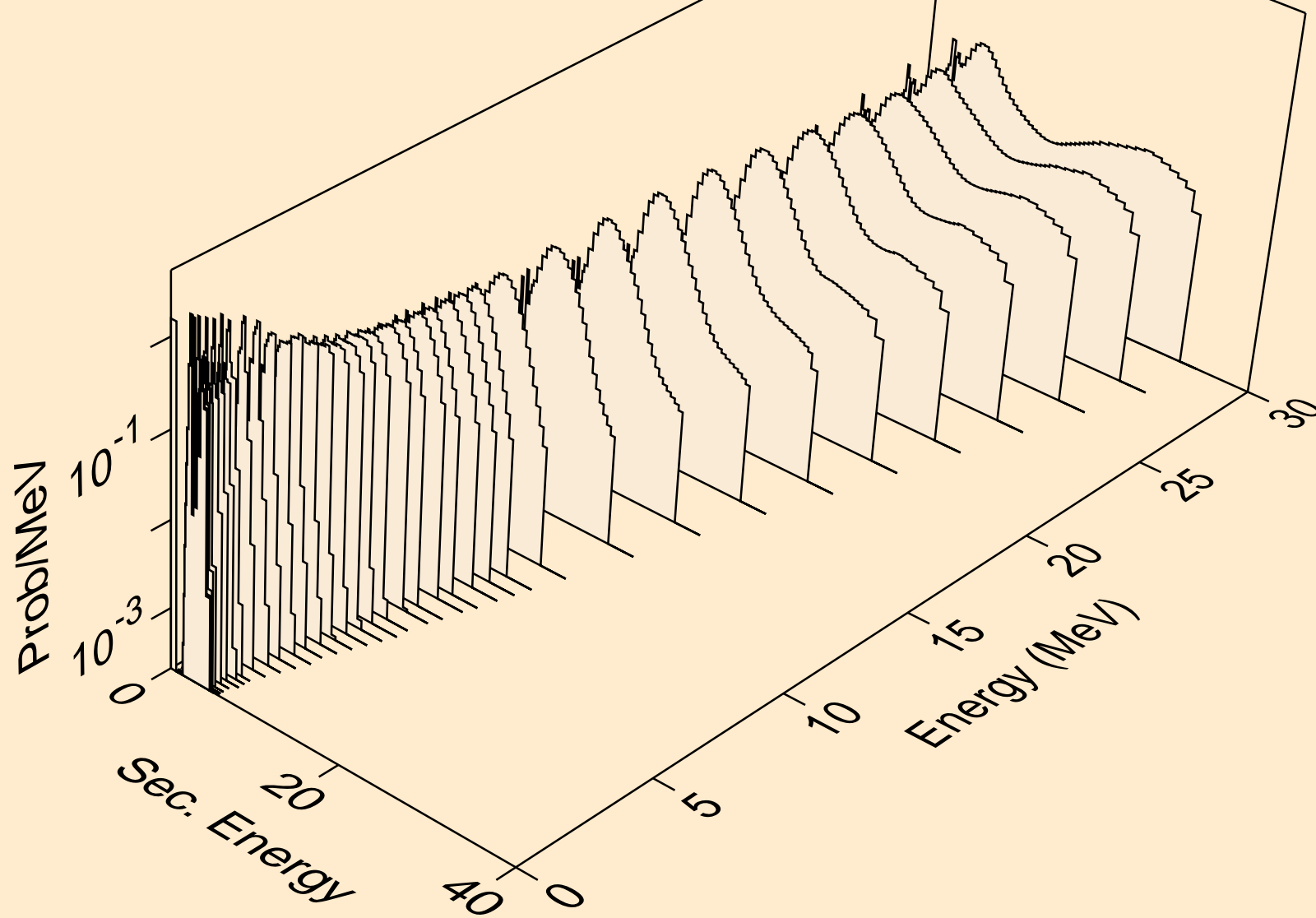




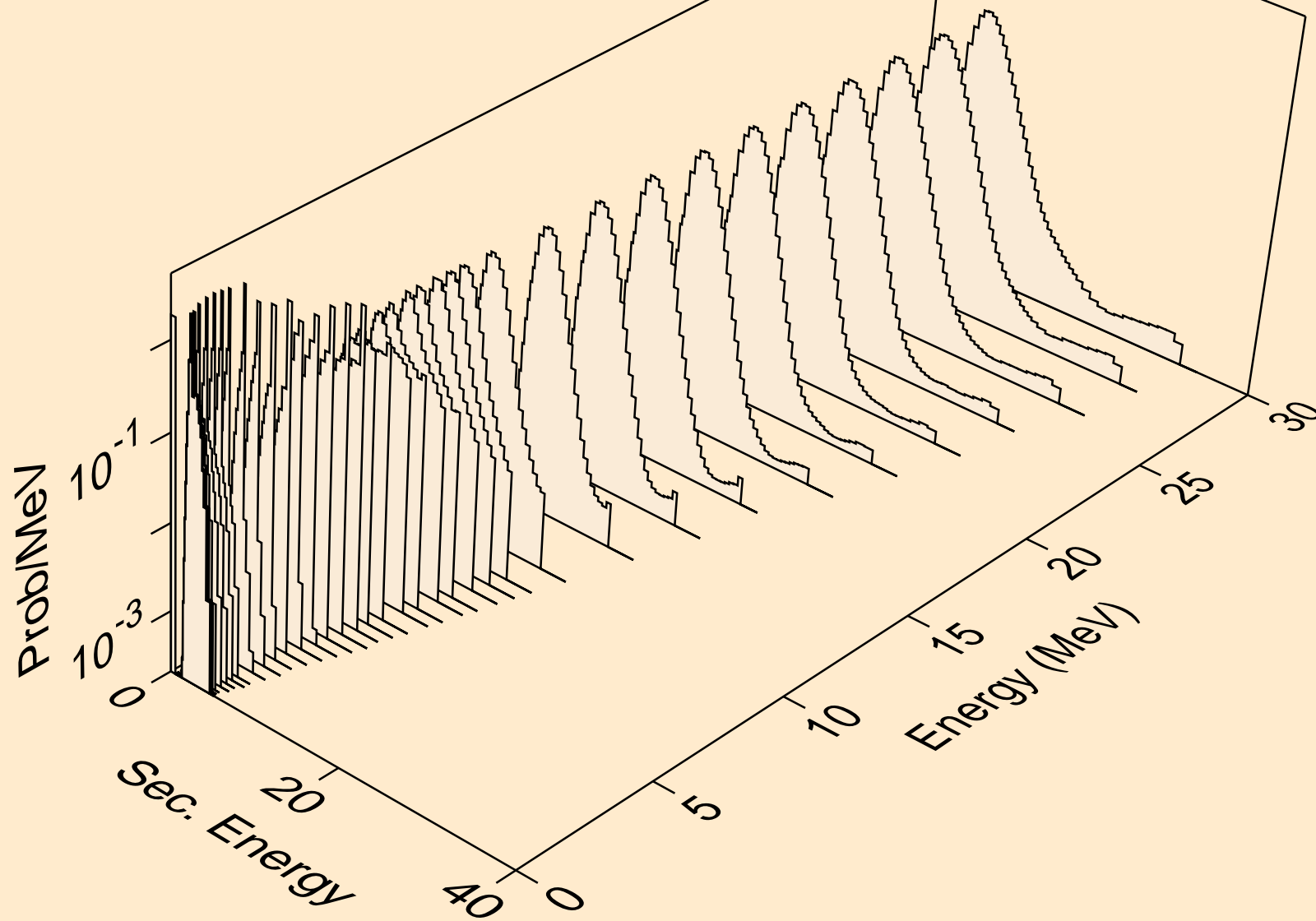
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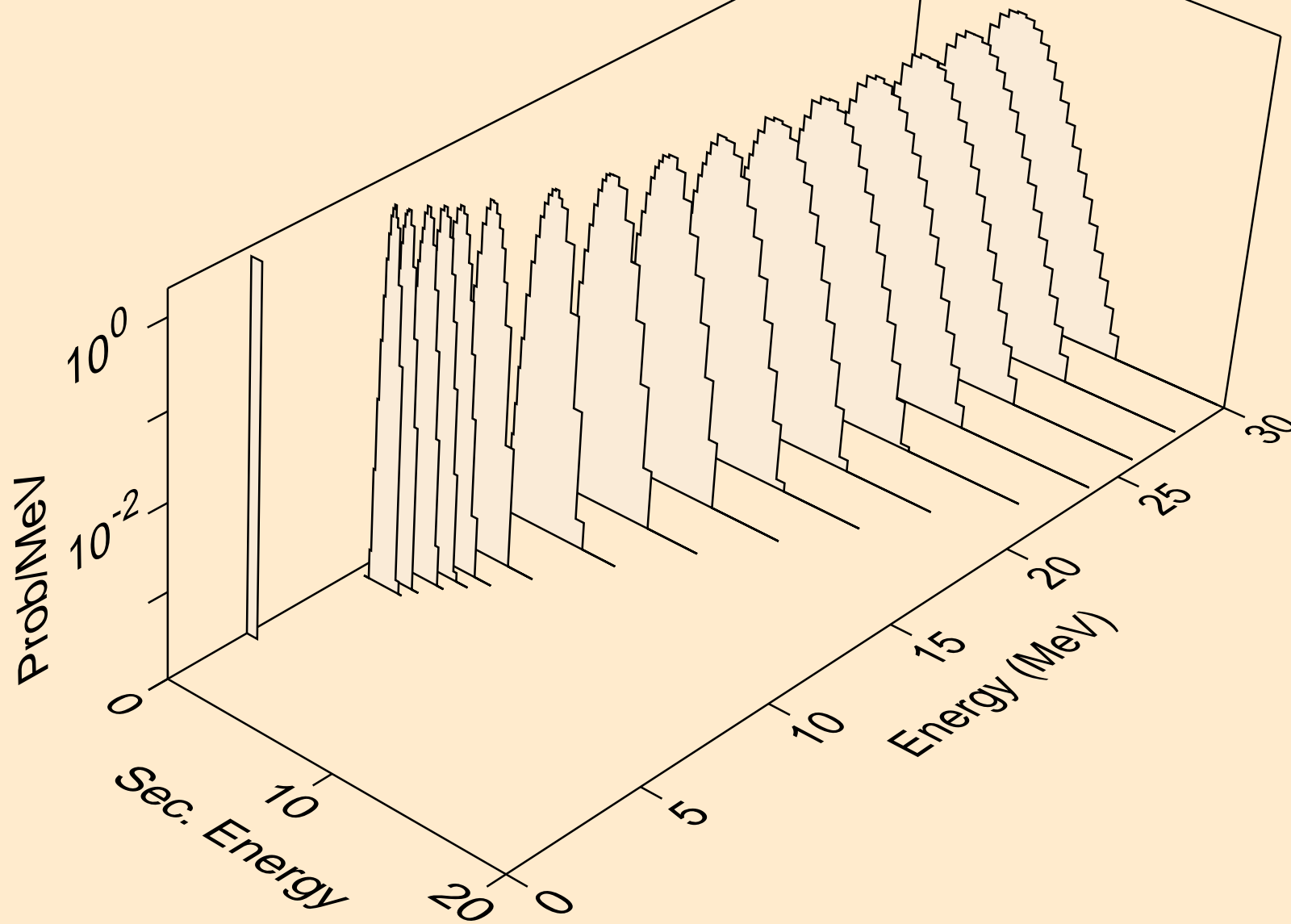
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protons from (n,2p)



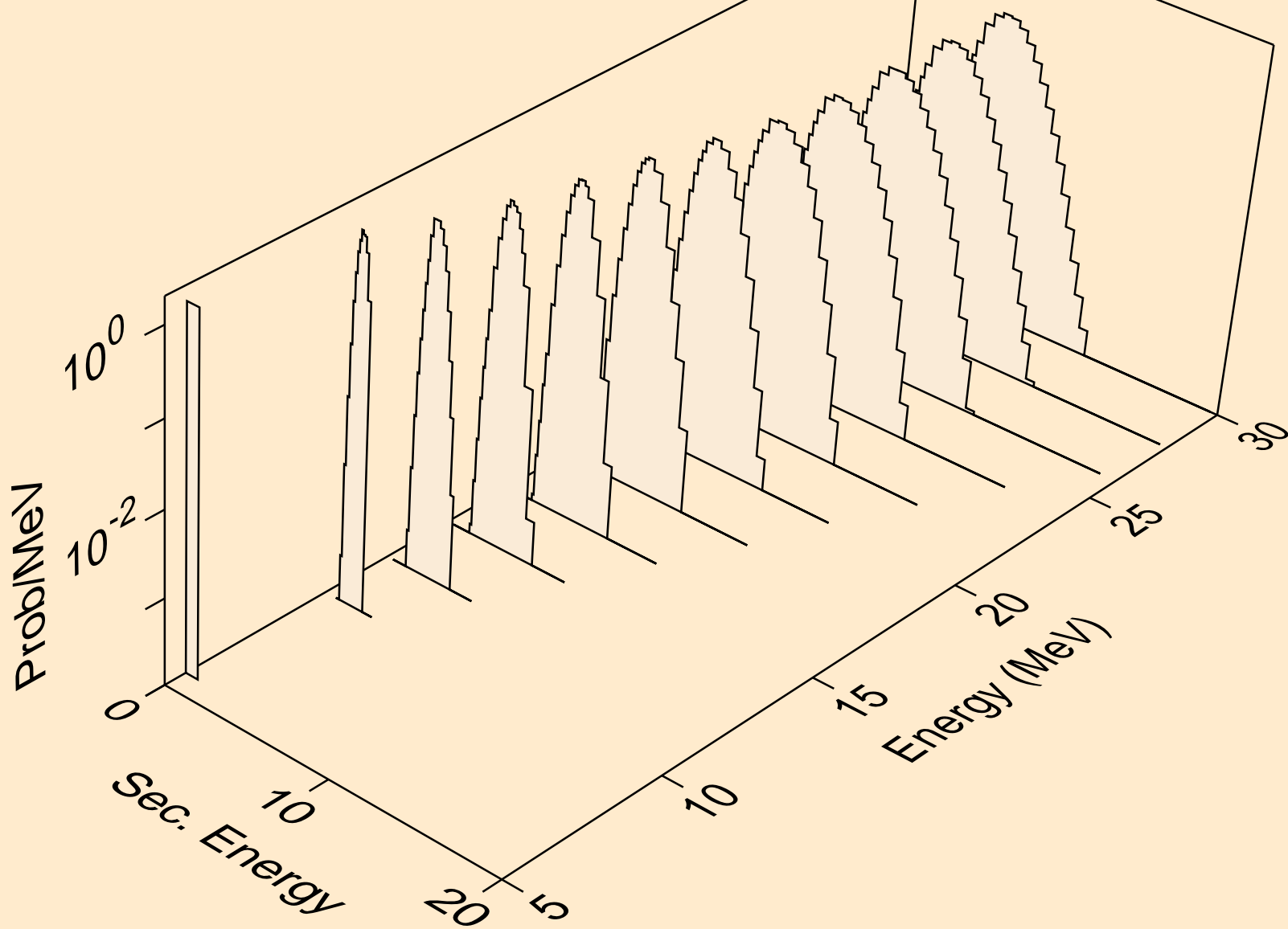
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protons from (n,p)



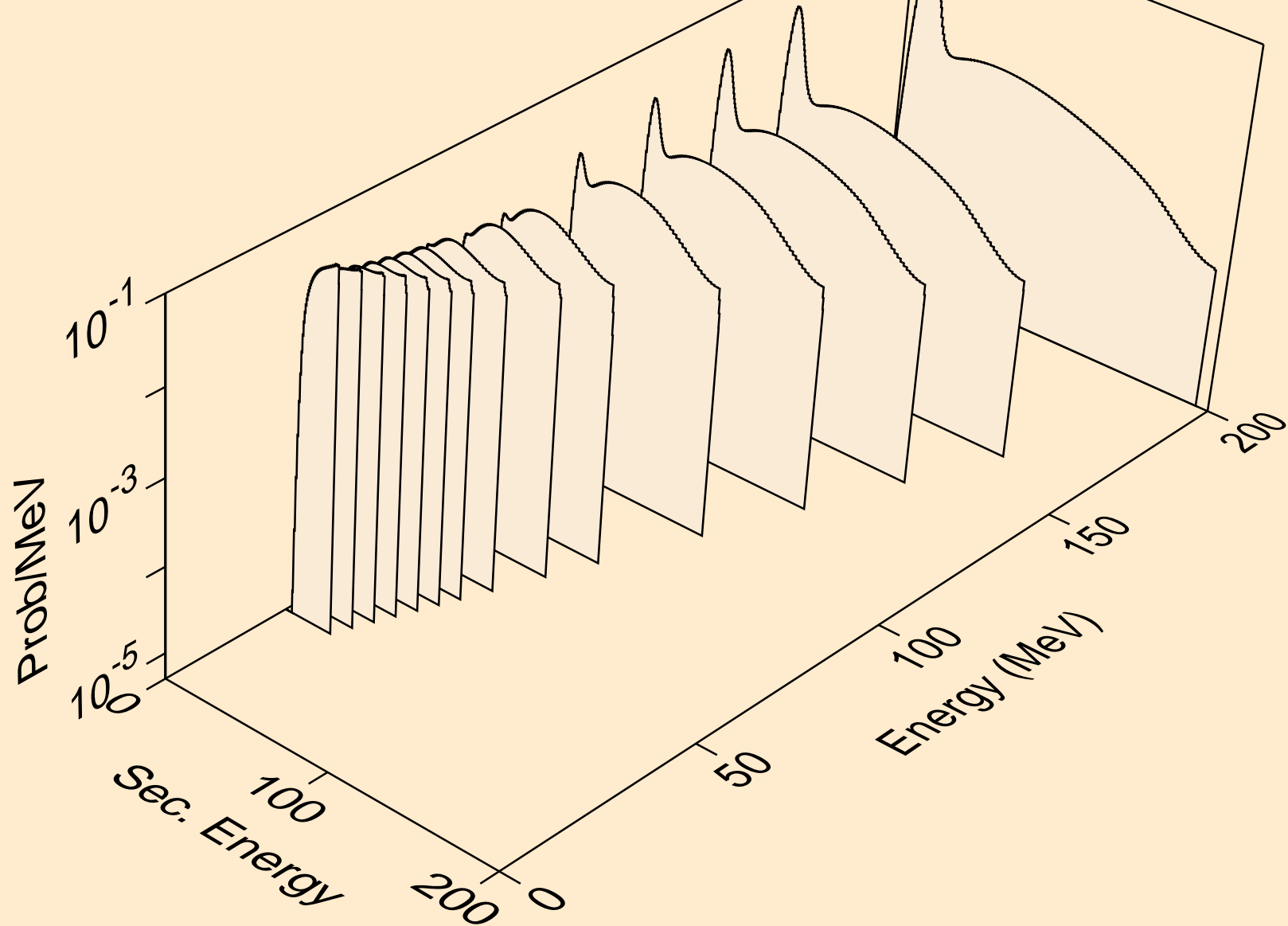
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protons from (n,pd)



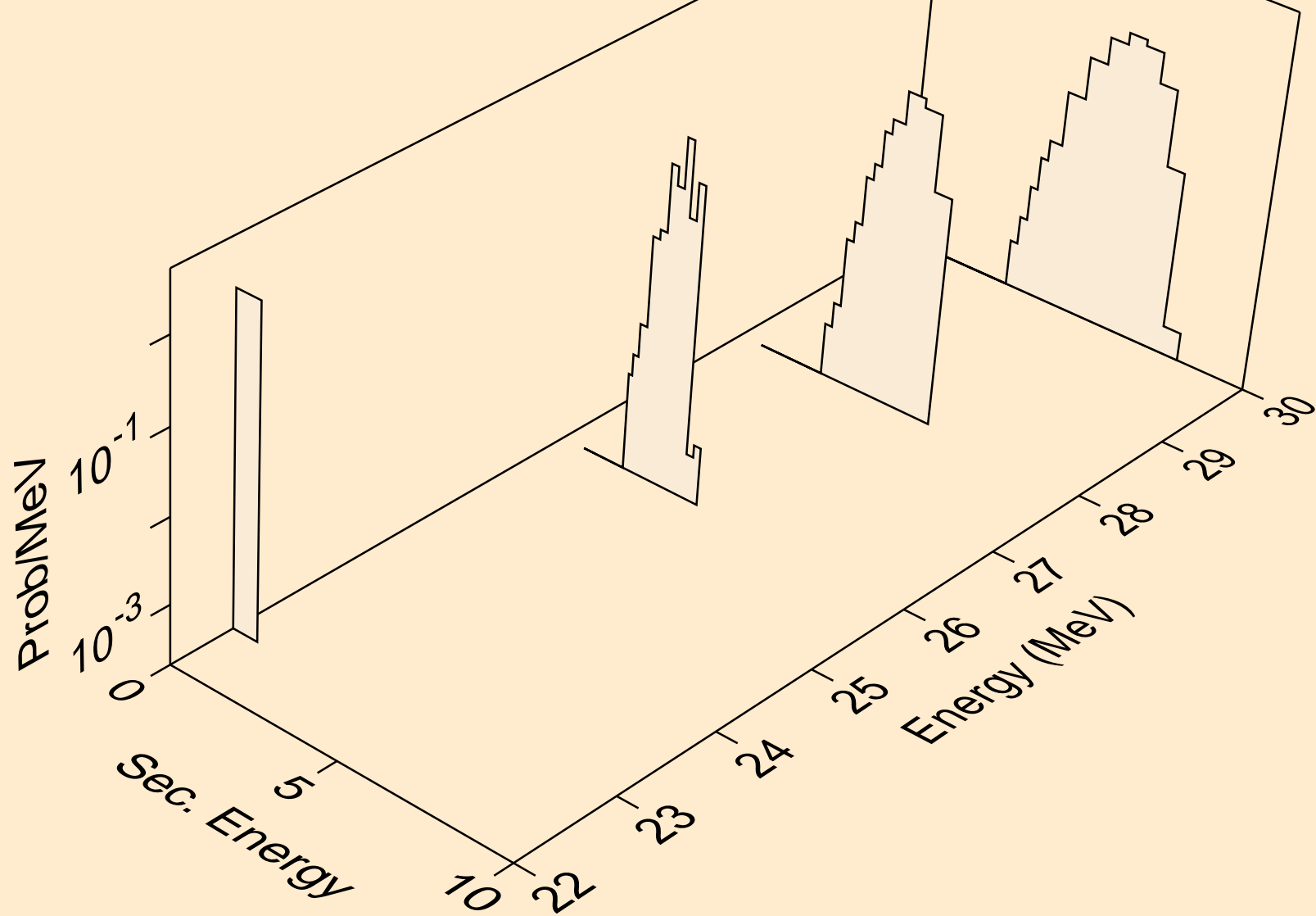
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protons from (n,pt)



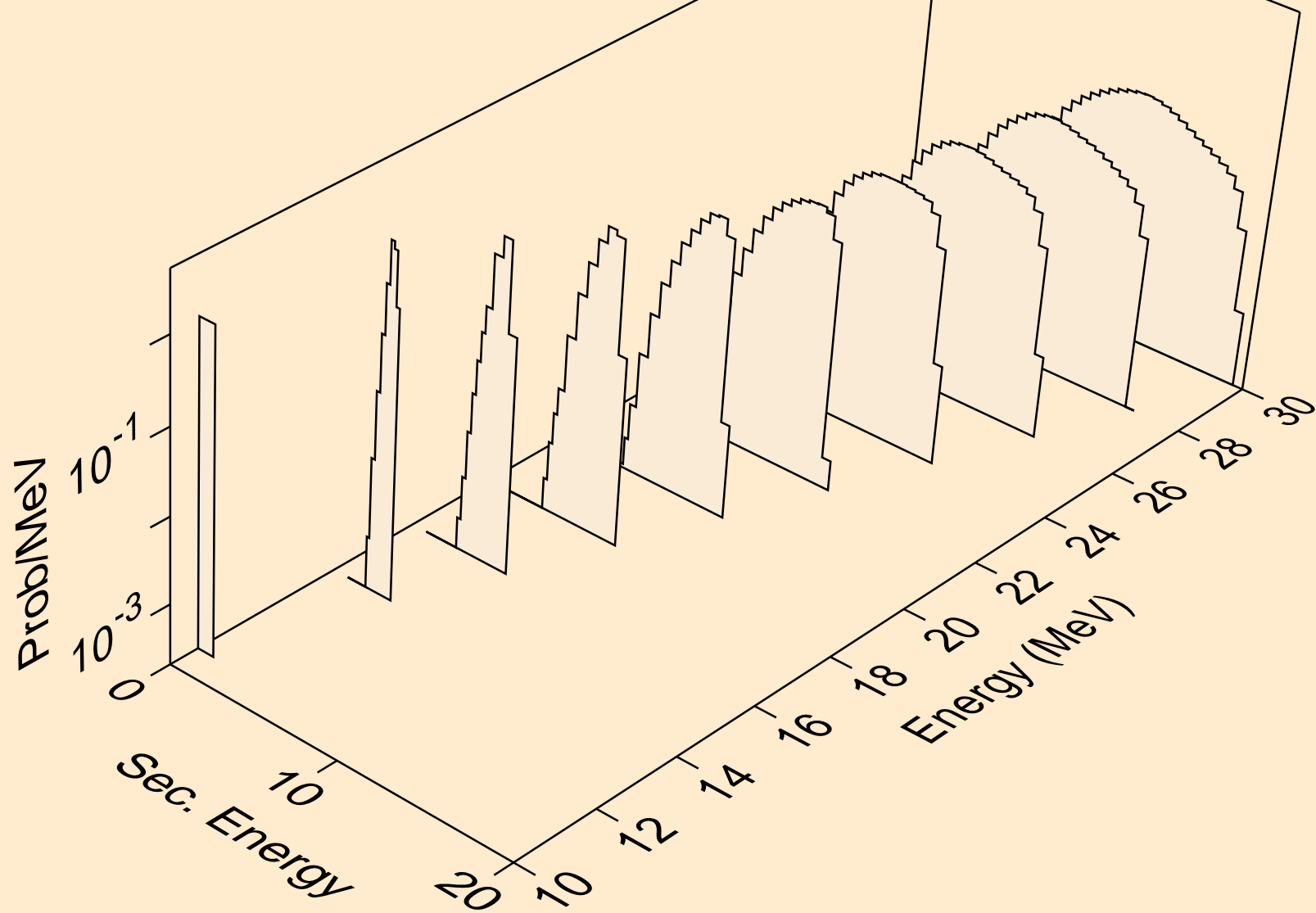
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)

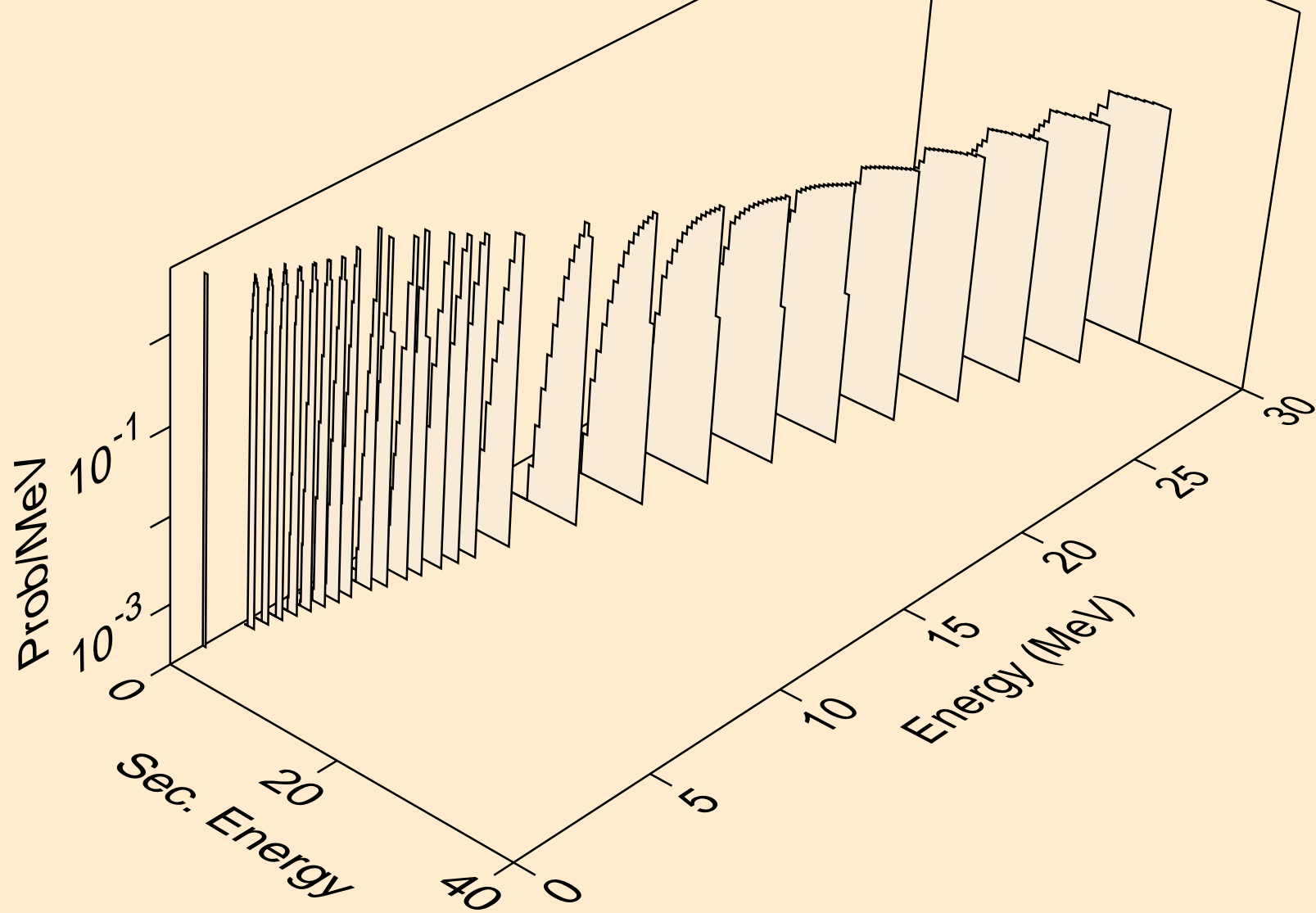


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deuterons from (n,n\*)d

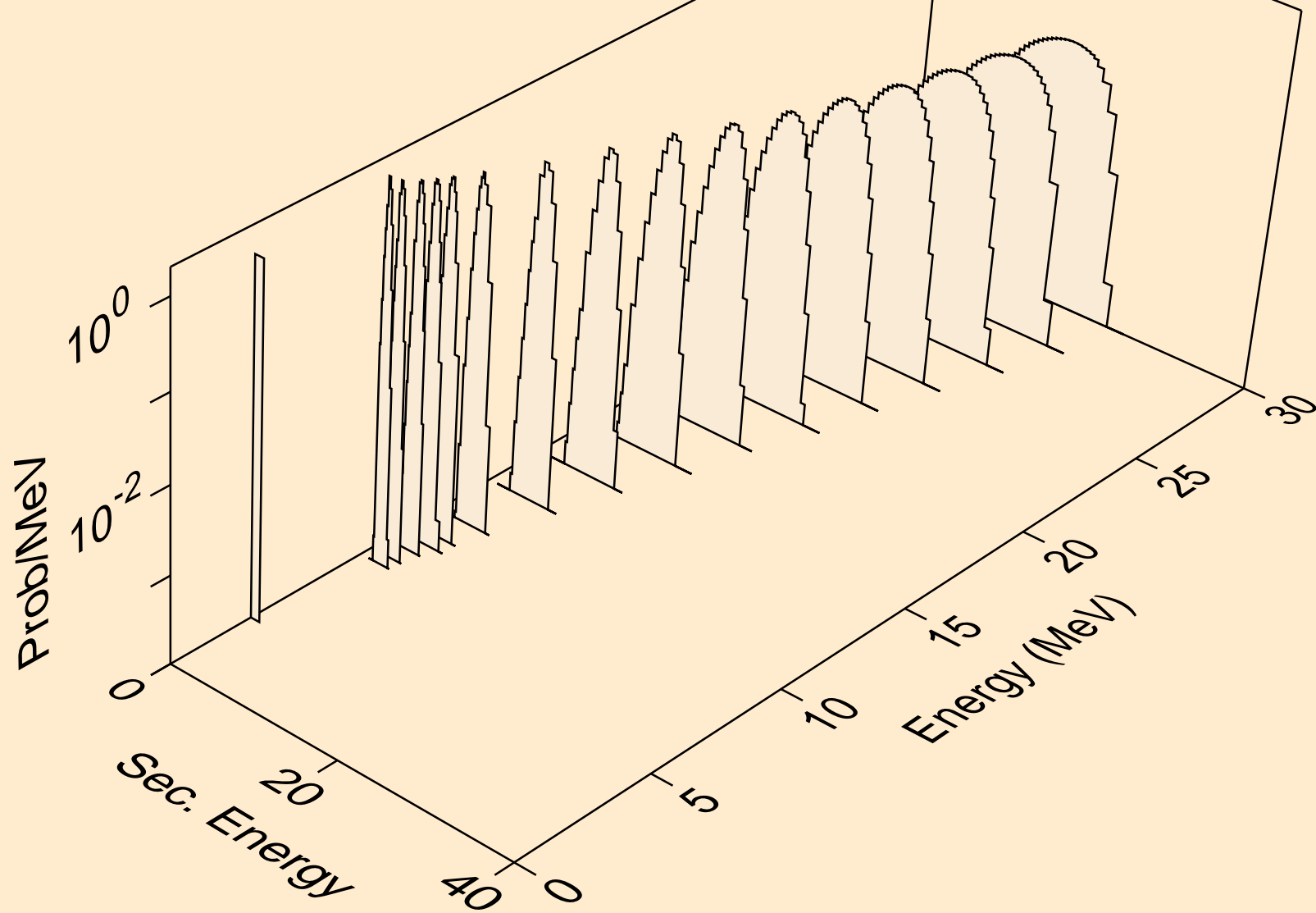




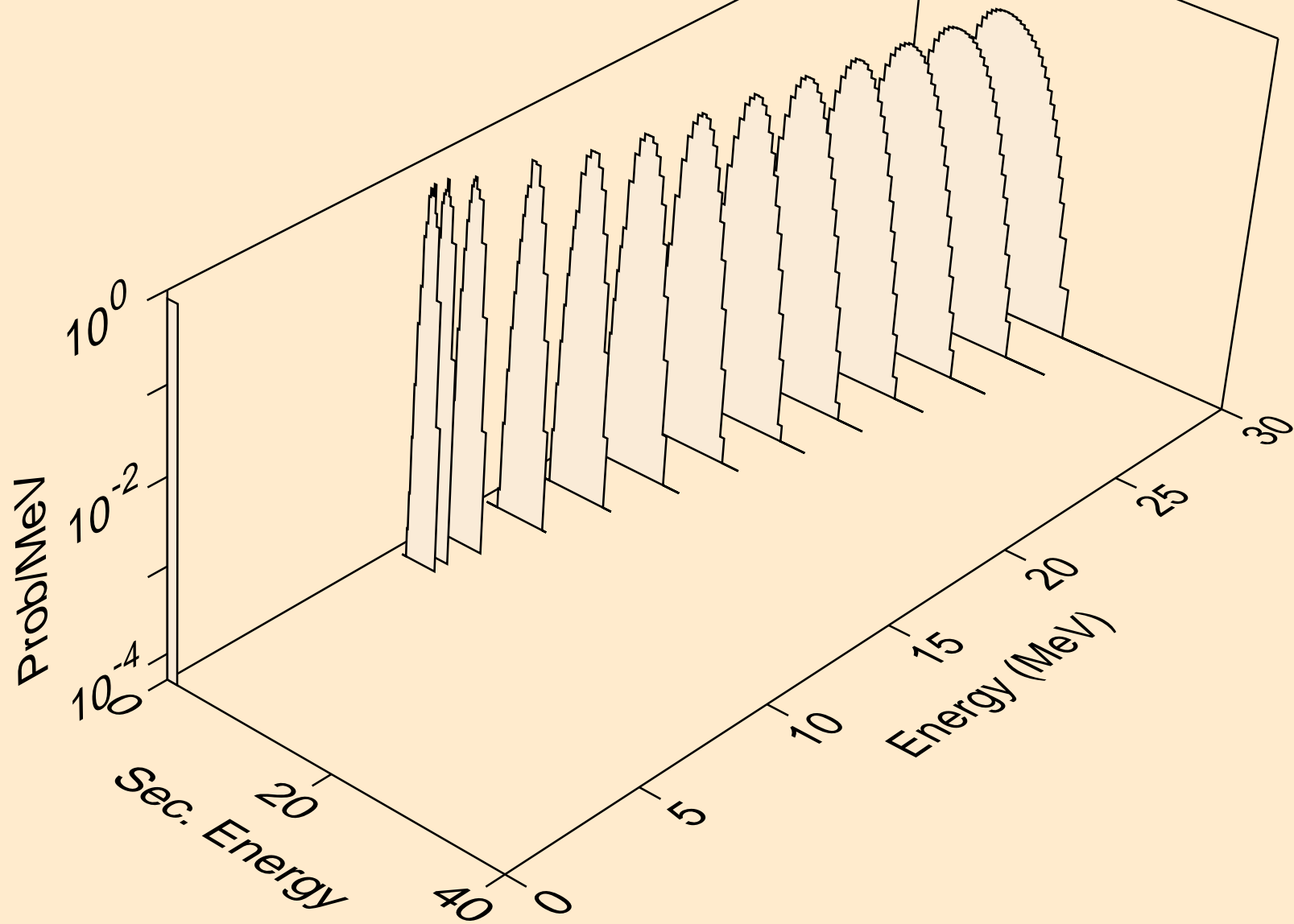
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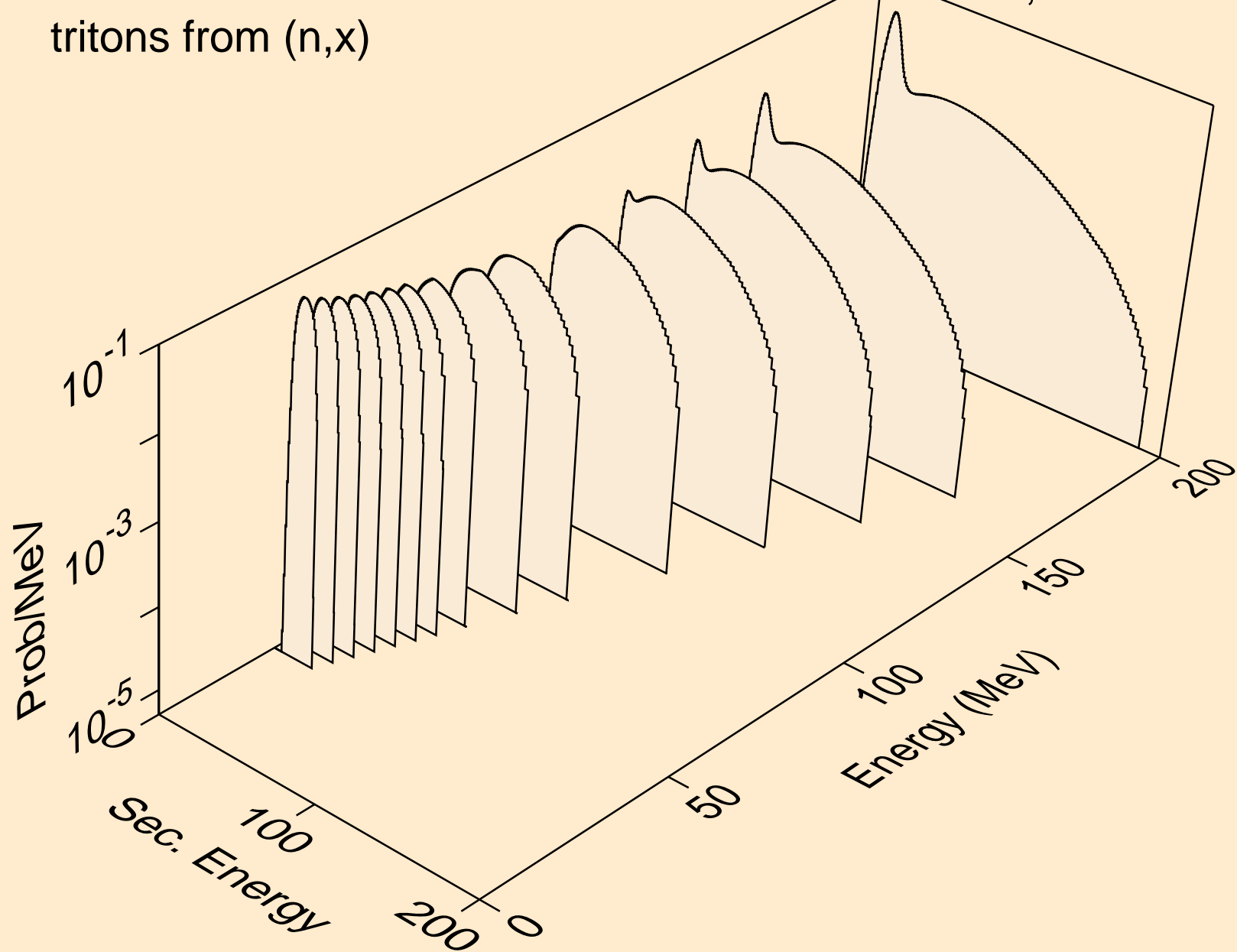
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deuterons from (n,pd)



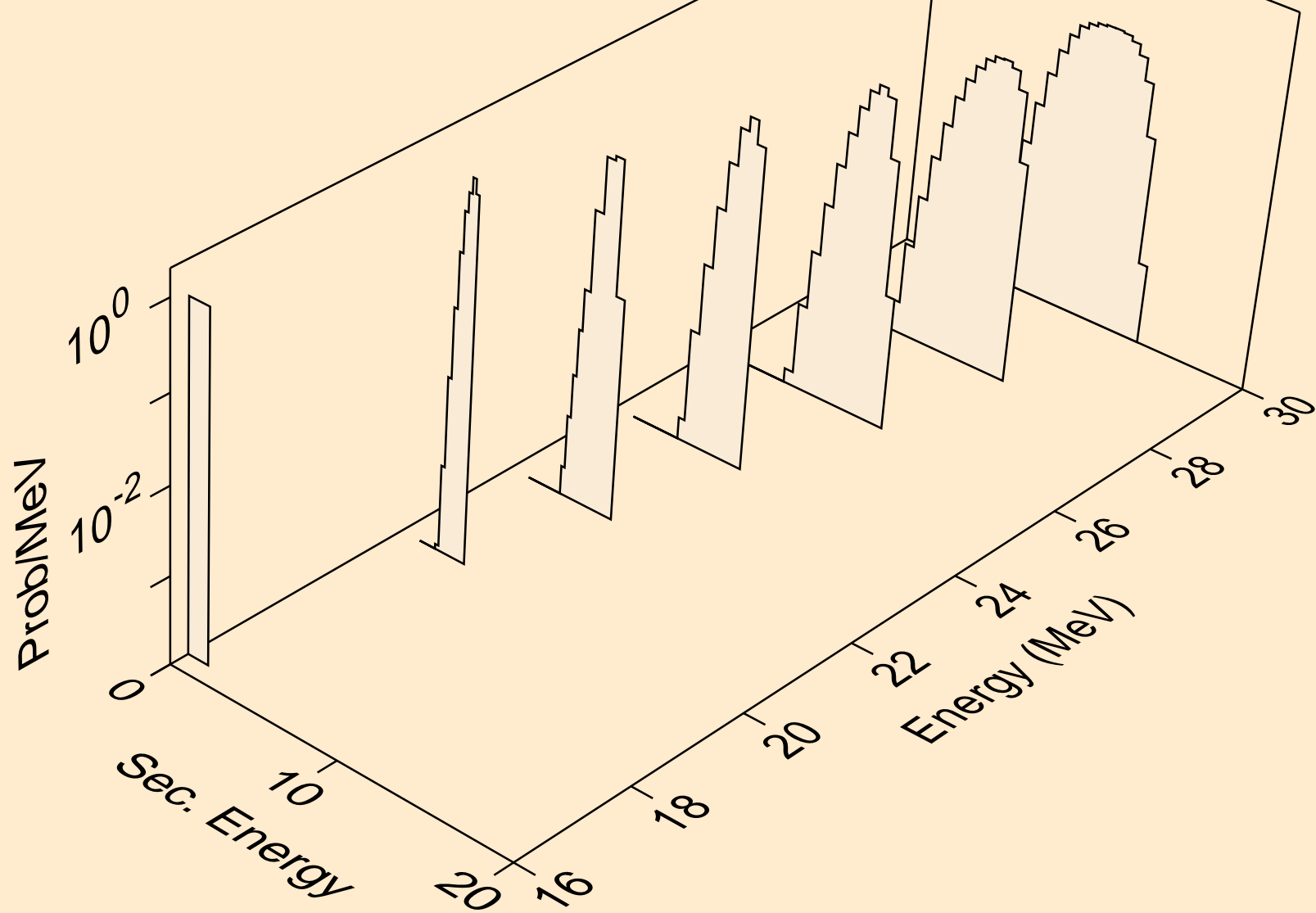
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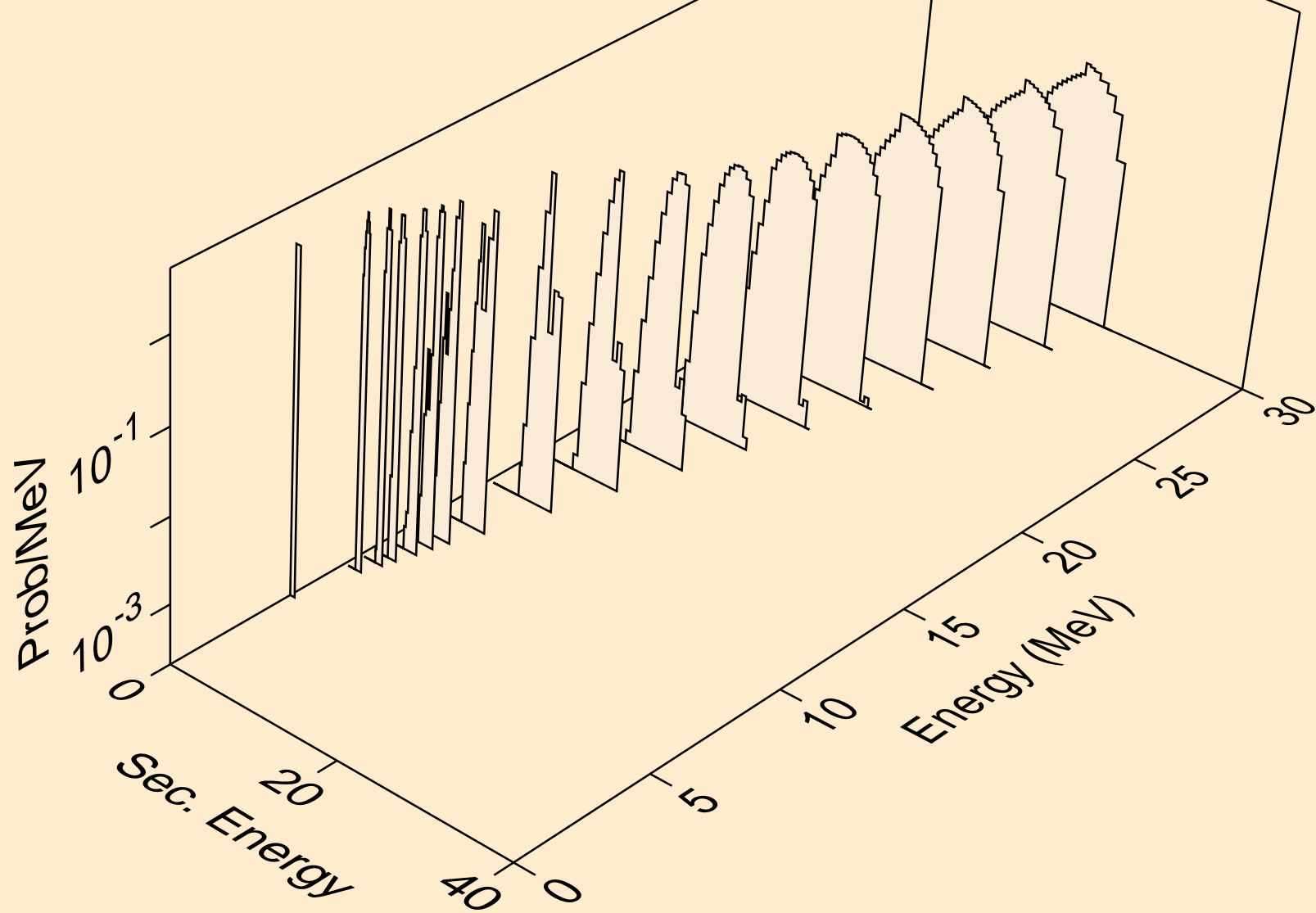
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tritons from (n,x)



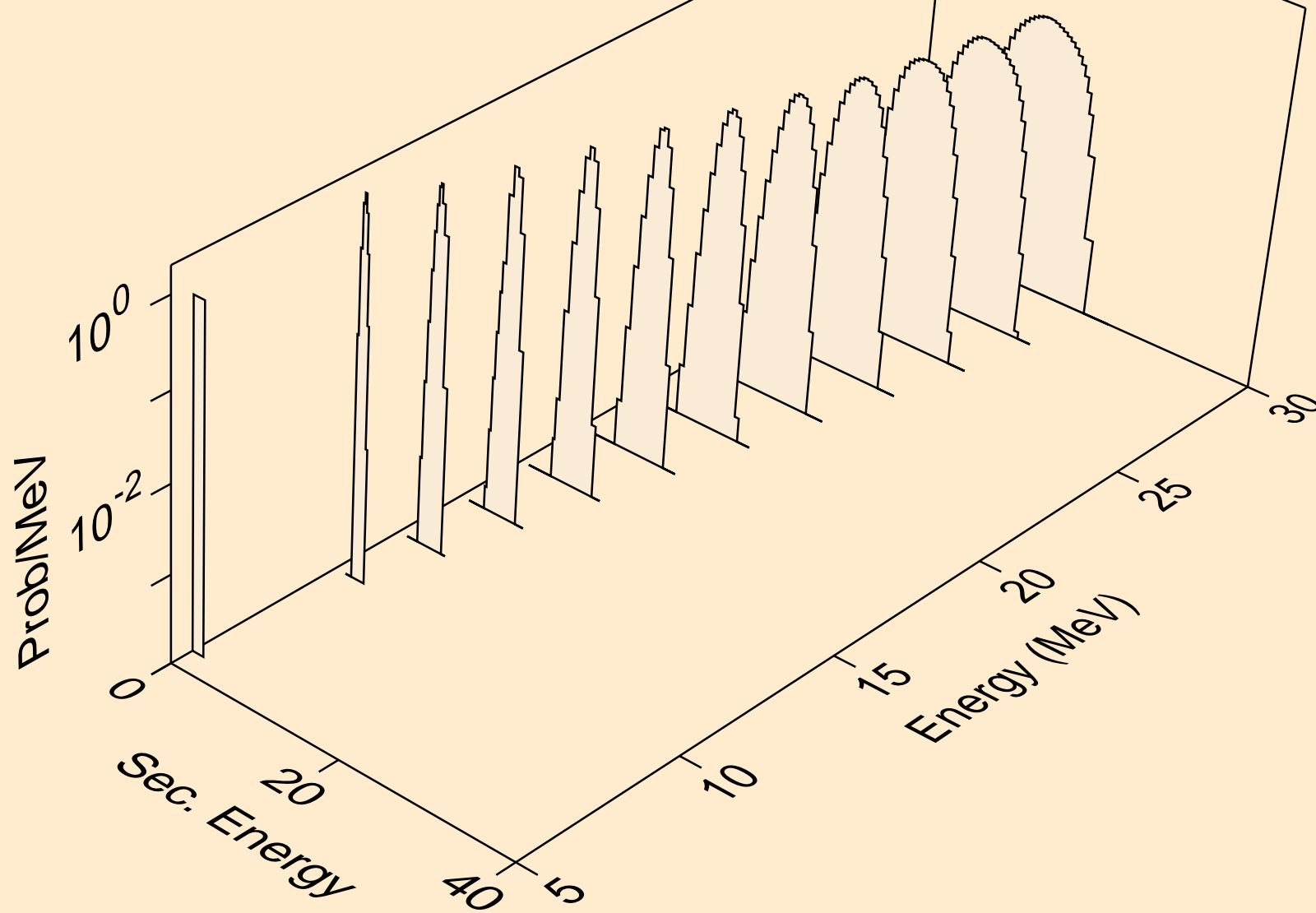
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tritons from (n,n\*)t



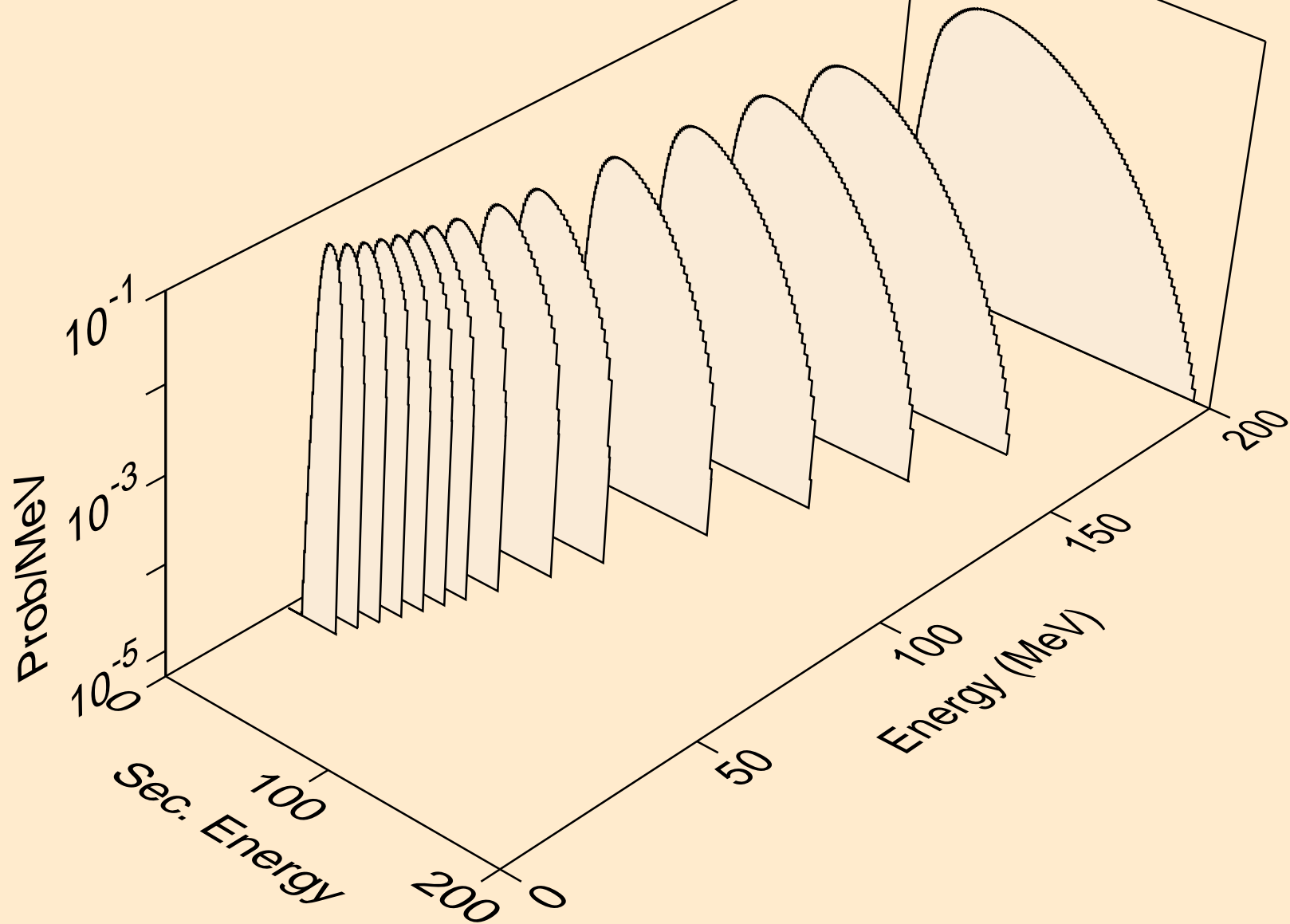
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SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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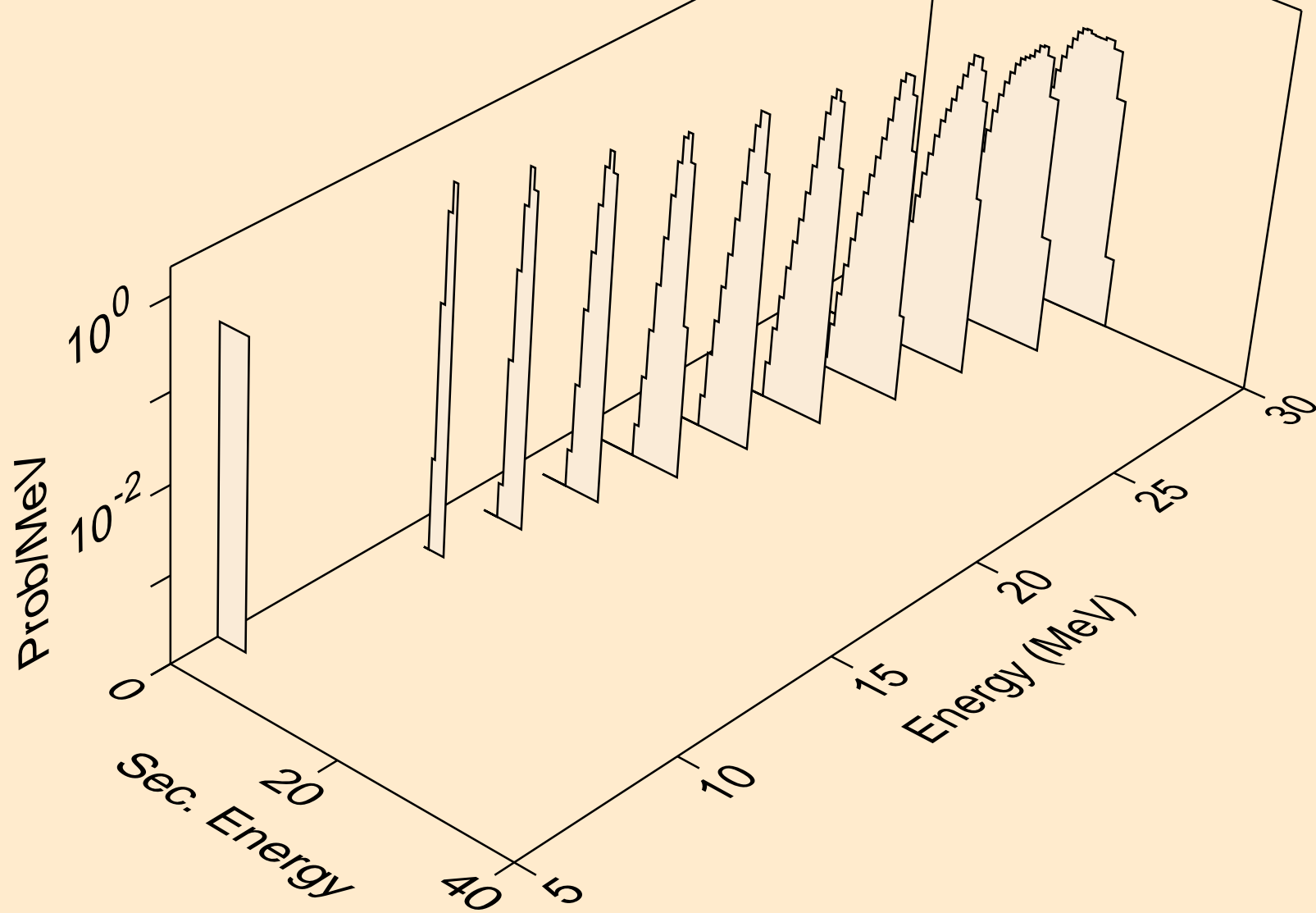


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he3s from (n,x)

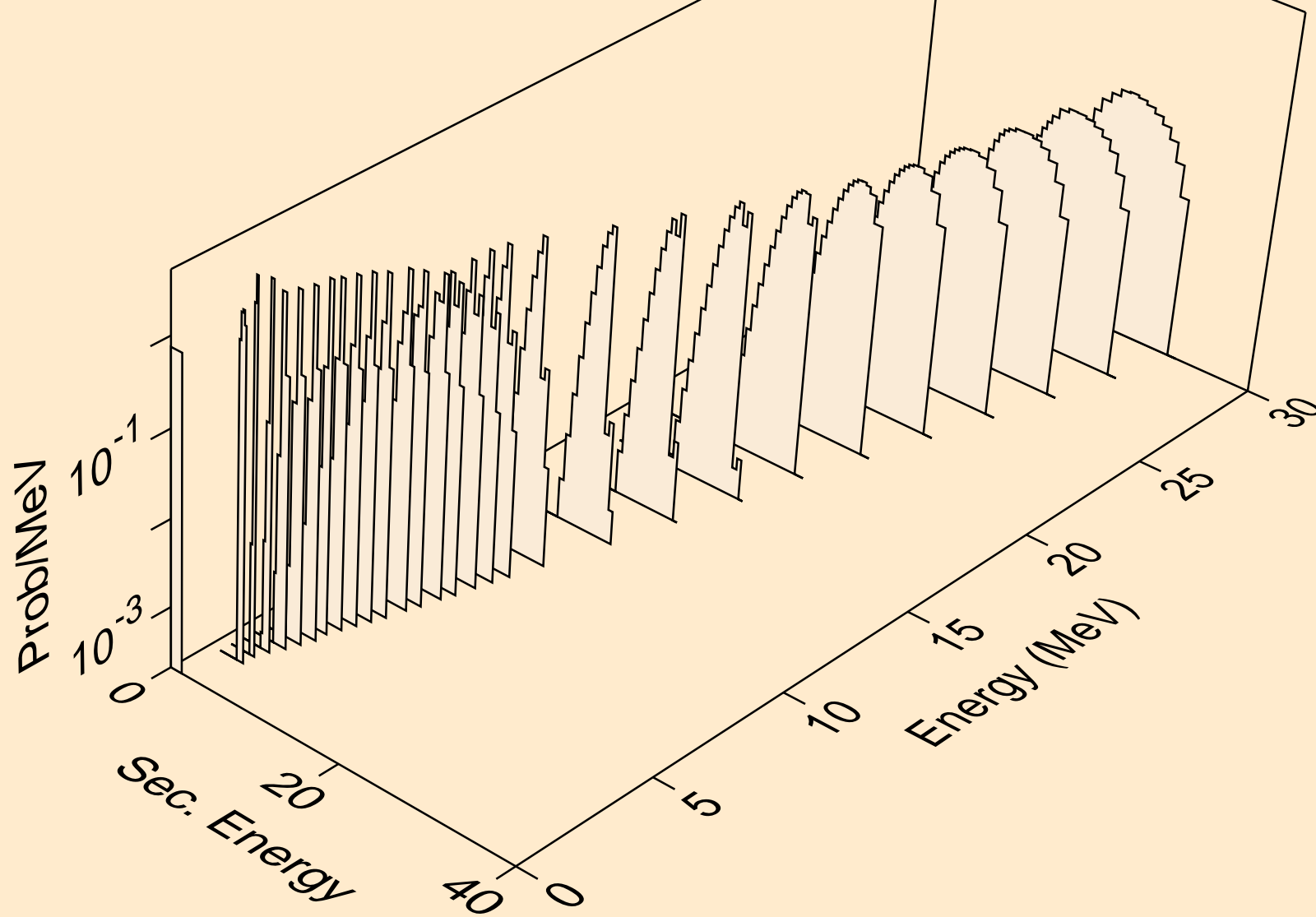




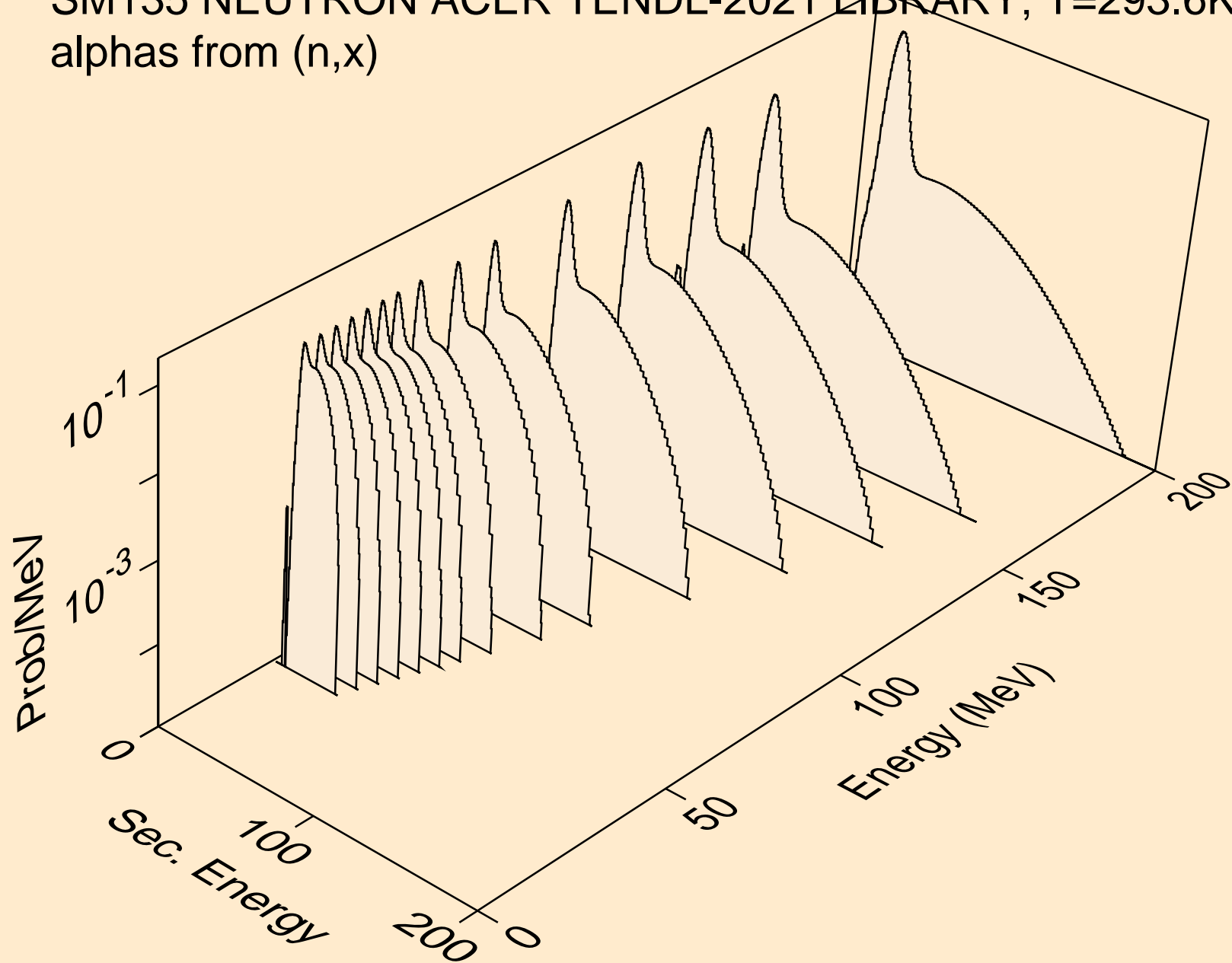
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he3s from (n,n\*)he3



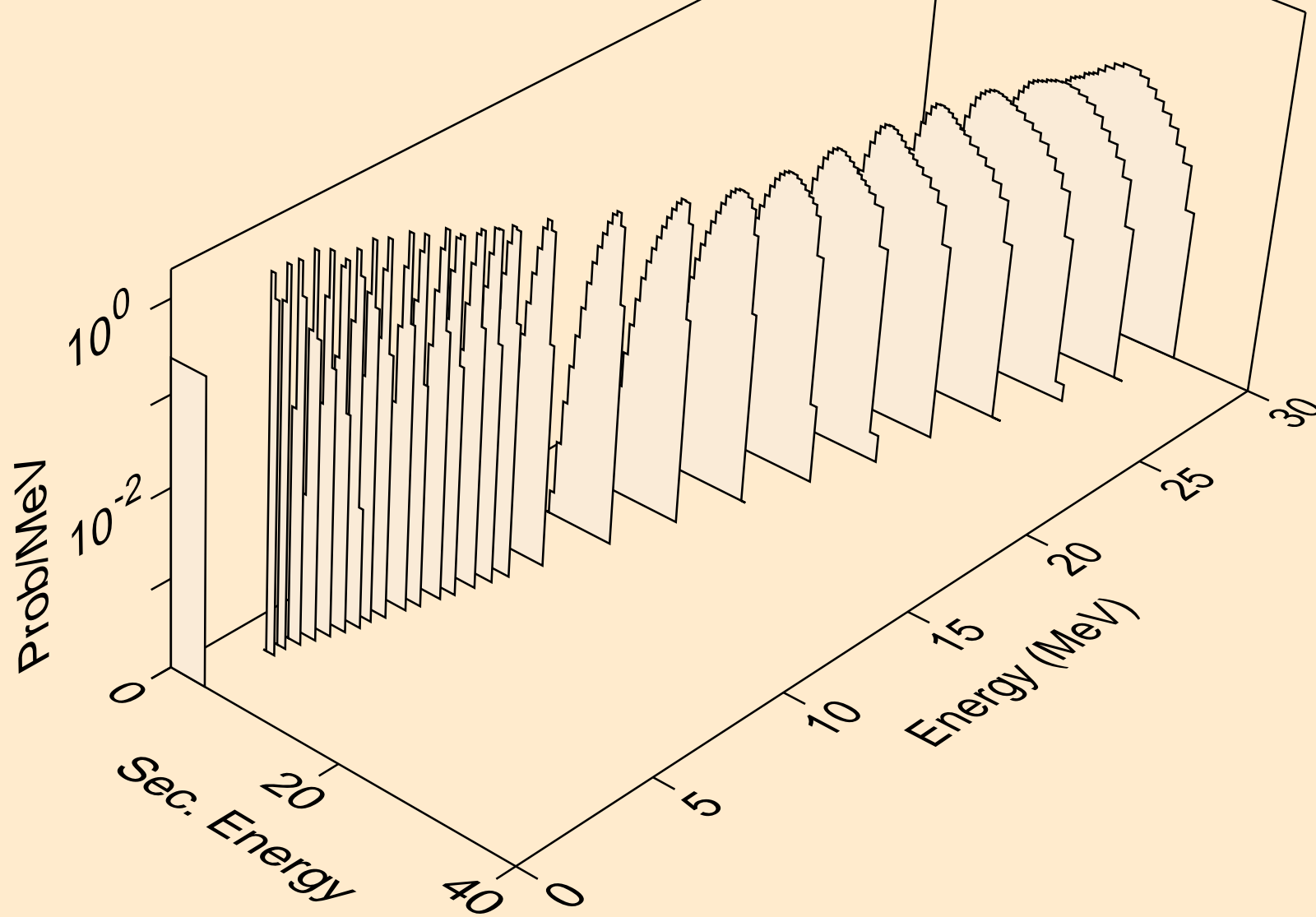
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he3s from (n,he3)



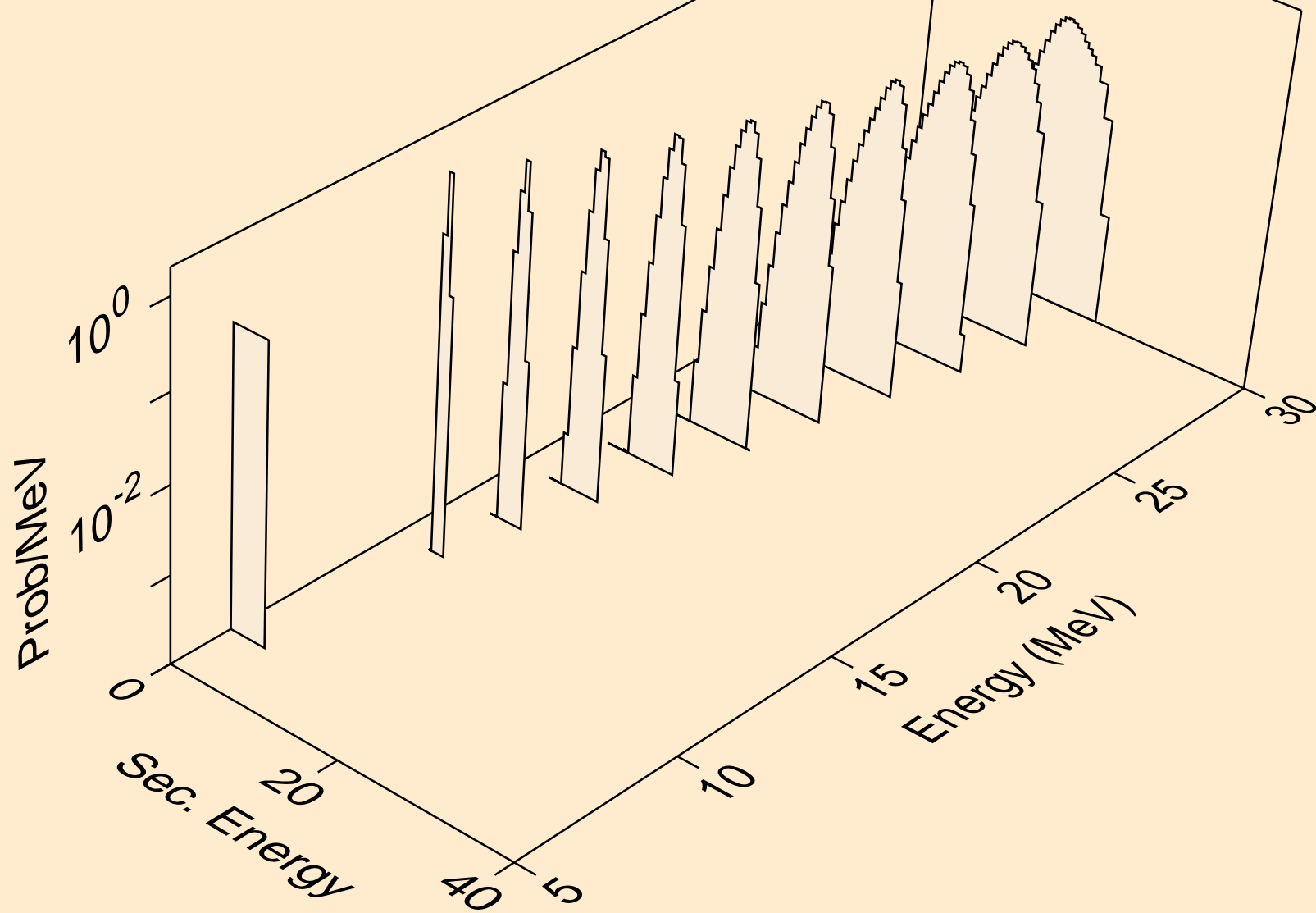
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



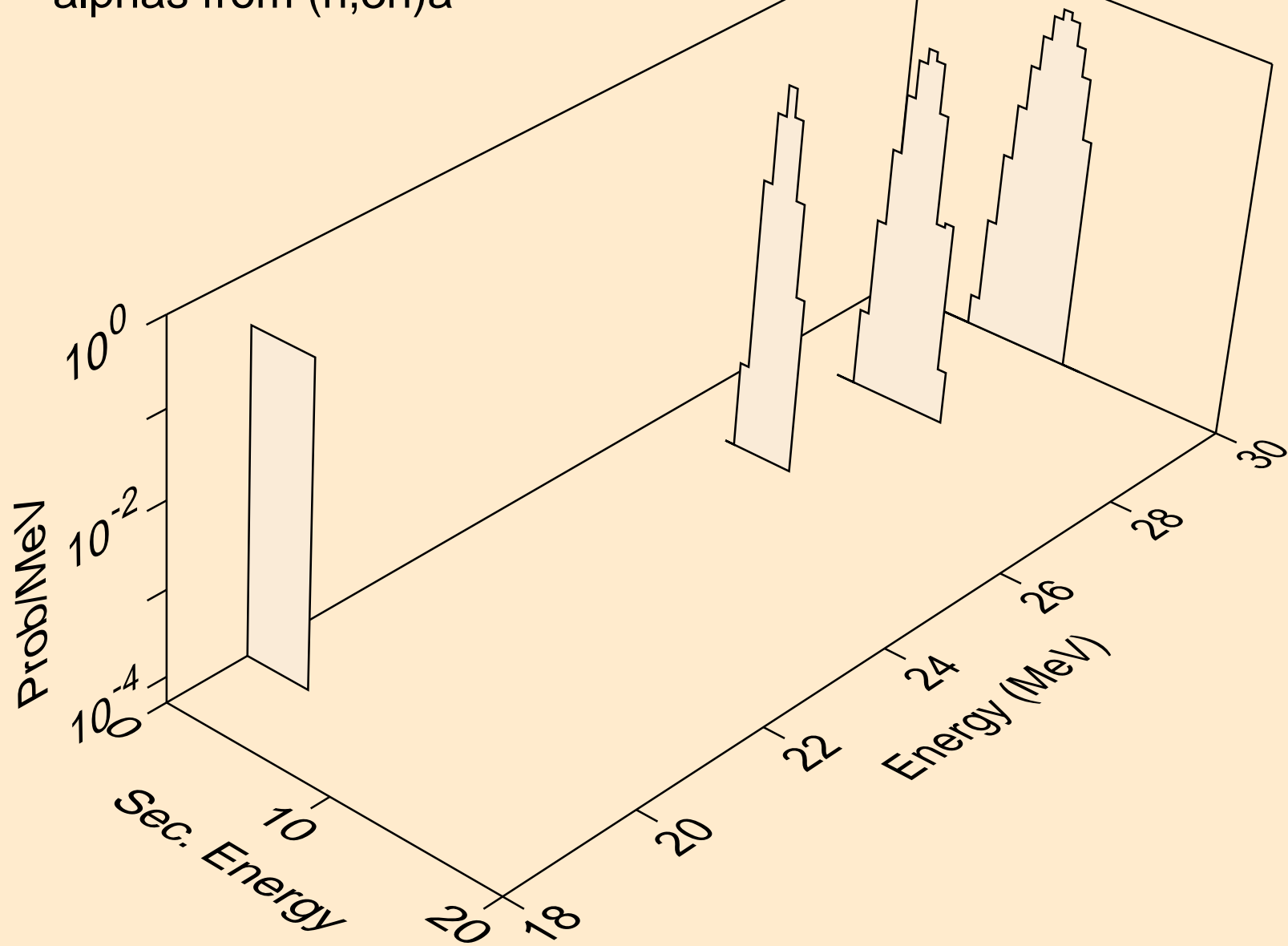
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



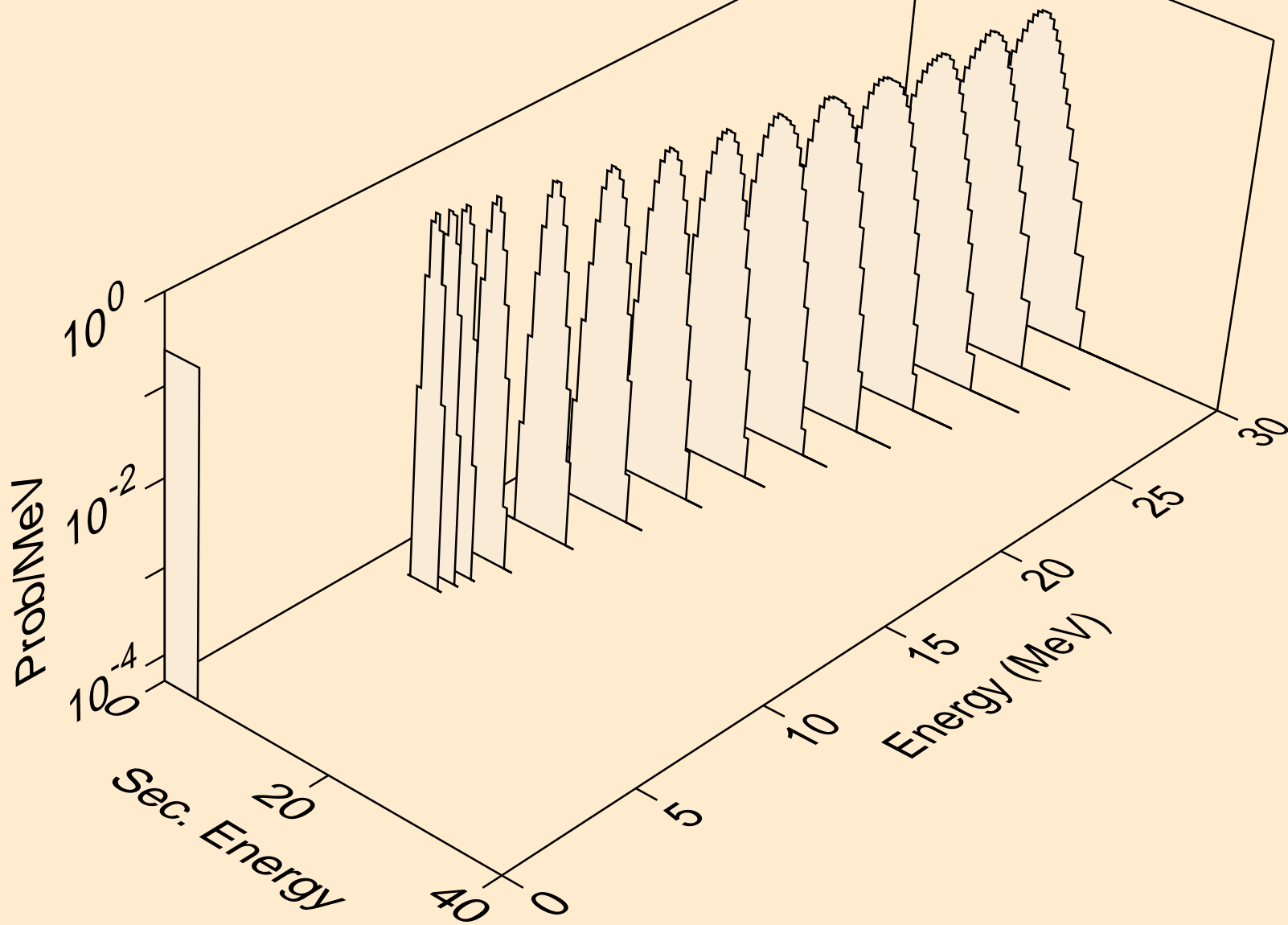
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alphas from (n,2n)a



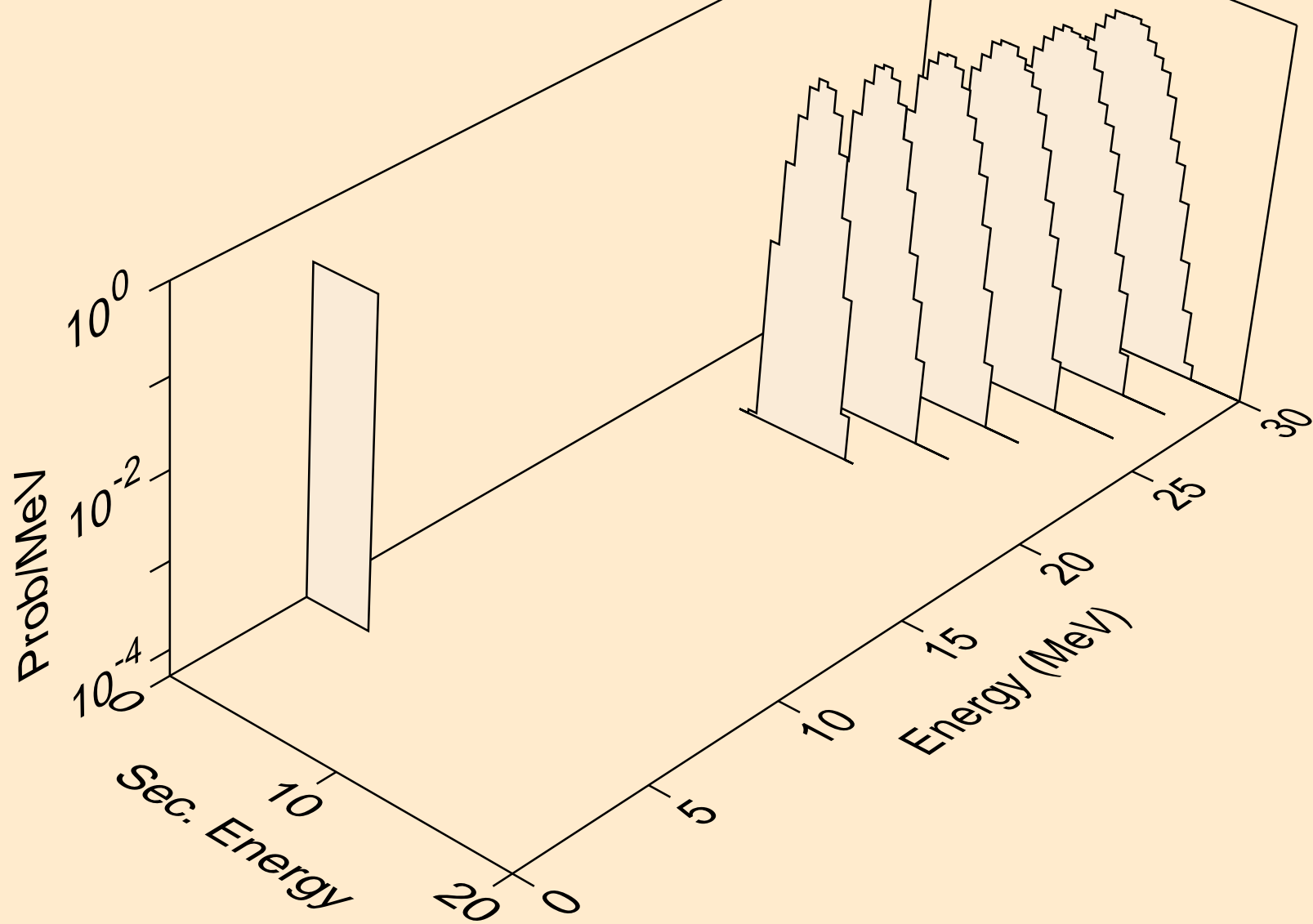
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alphas from (n,3n)a



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

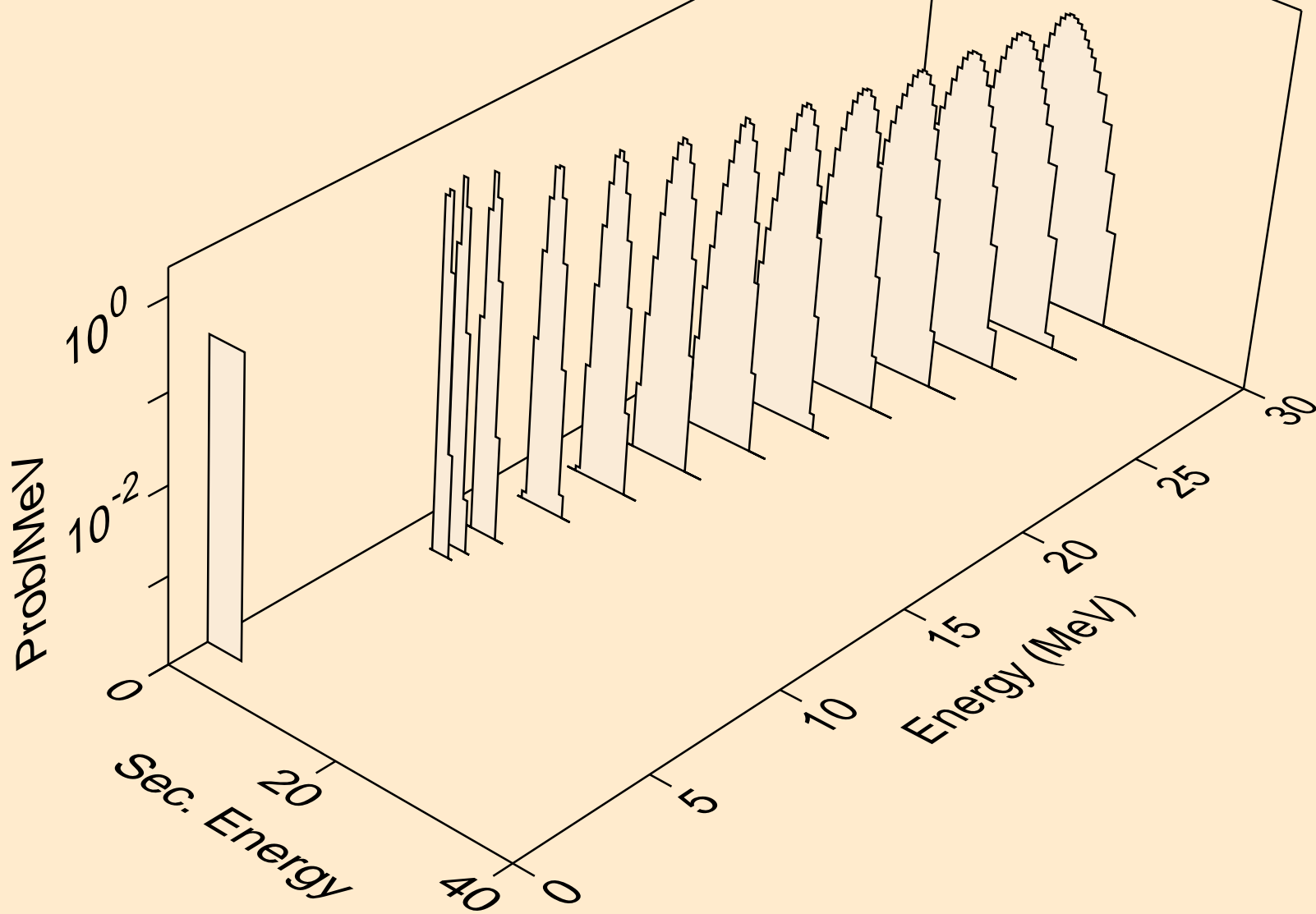


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alphas from (n,2n)2a

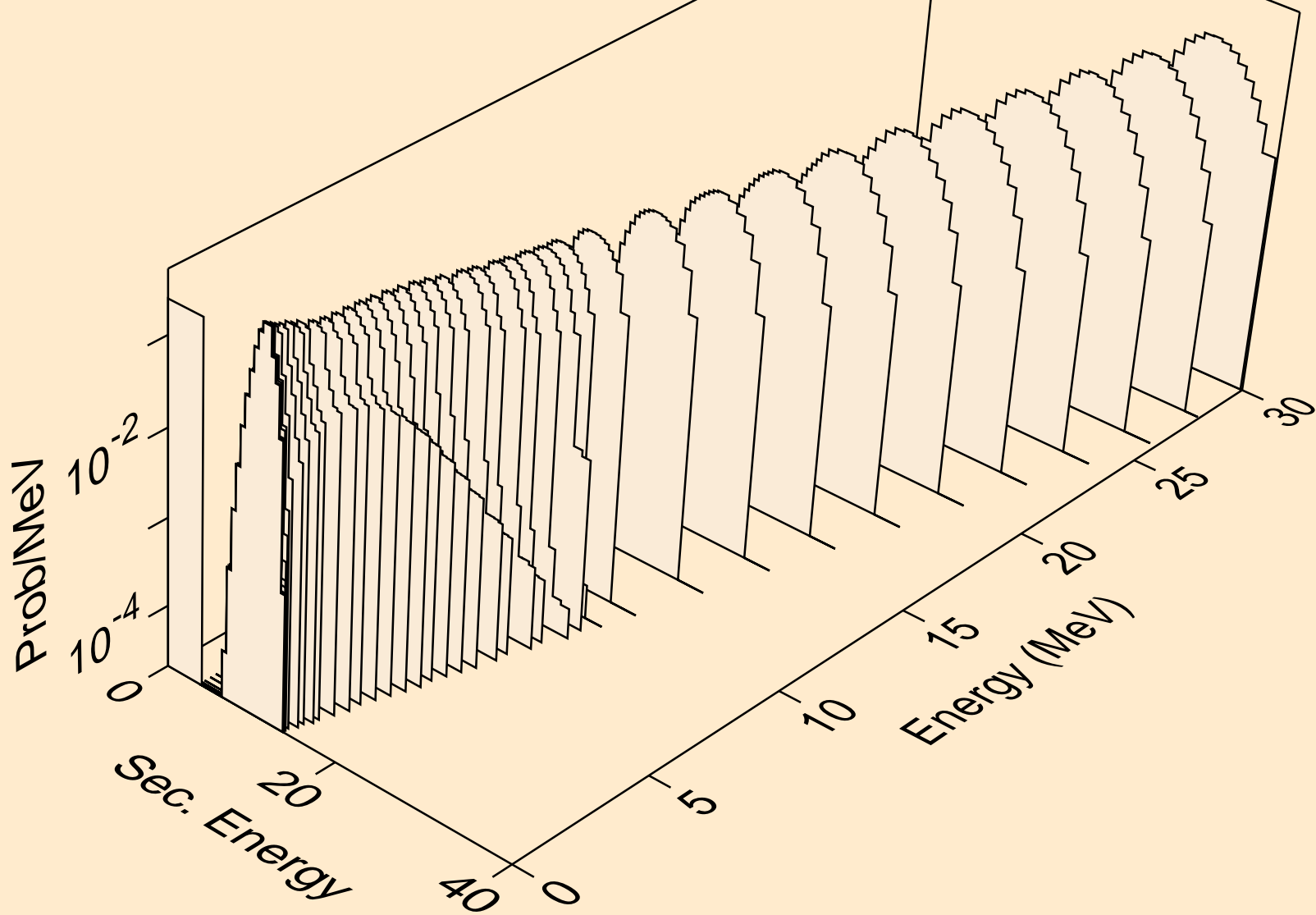




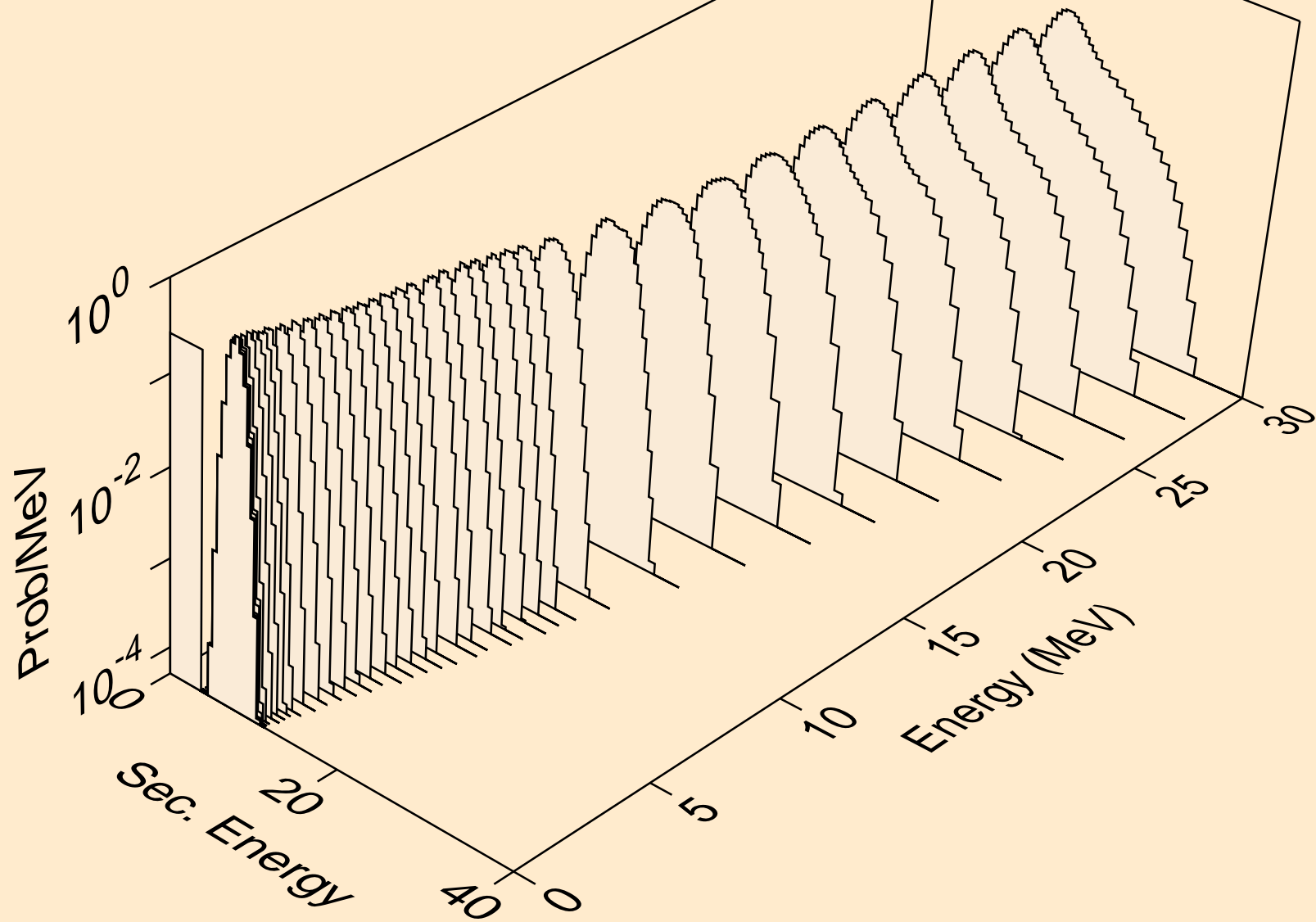
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alphas from (n,npa)



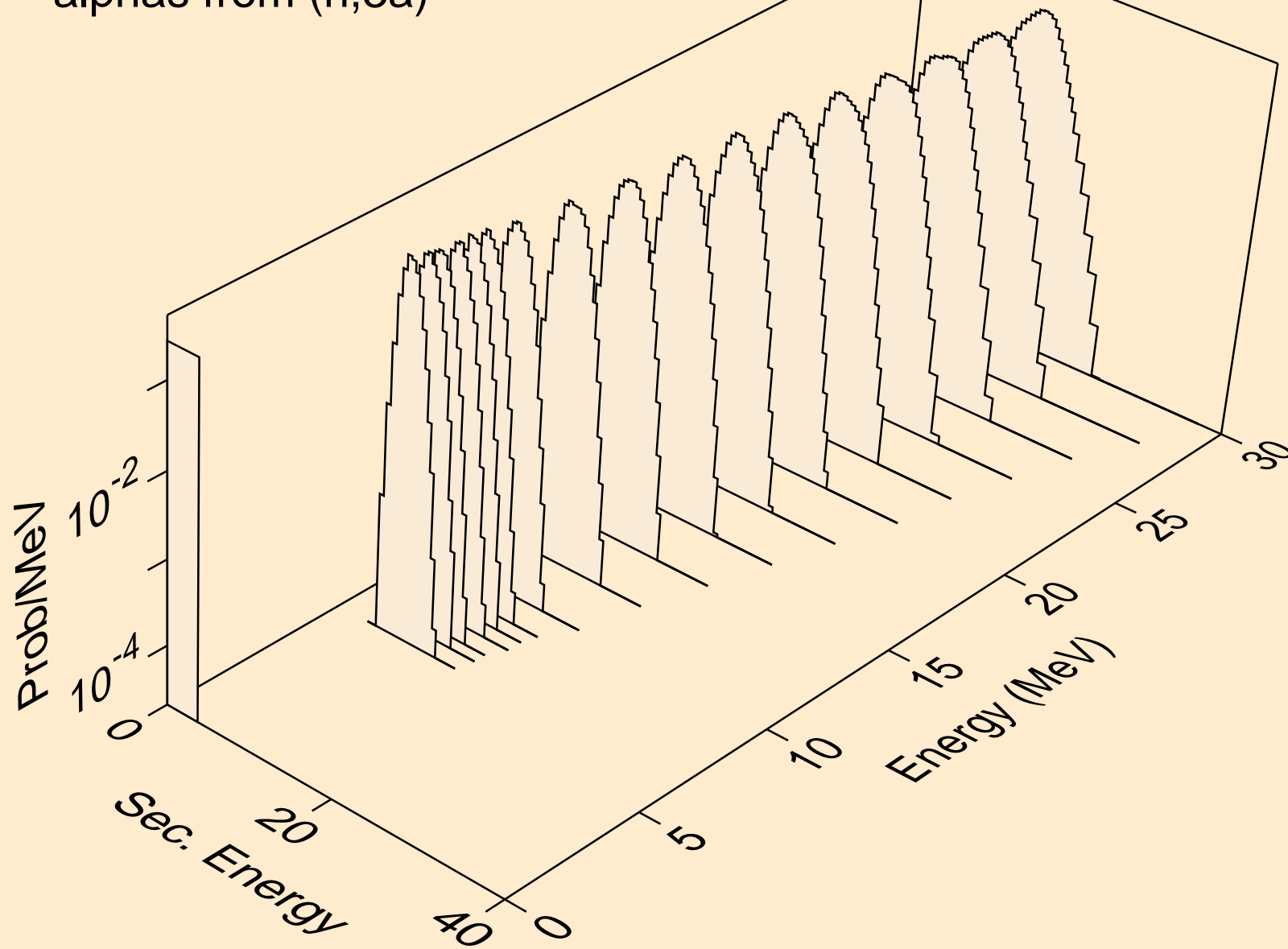
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alphas from (n,a)



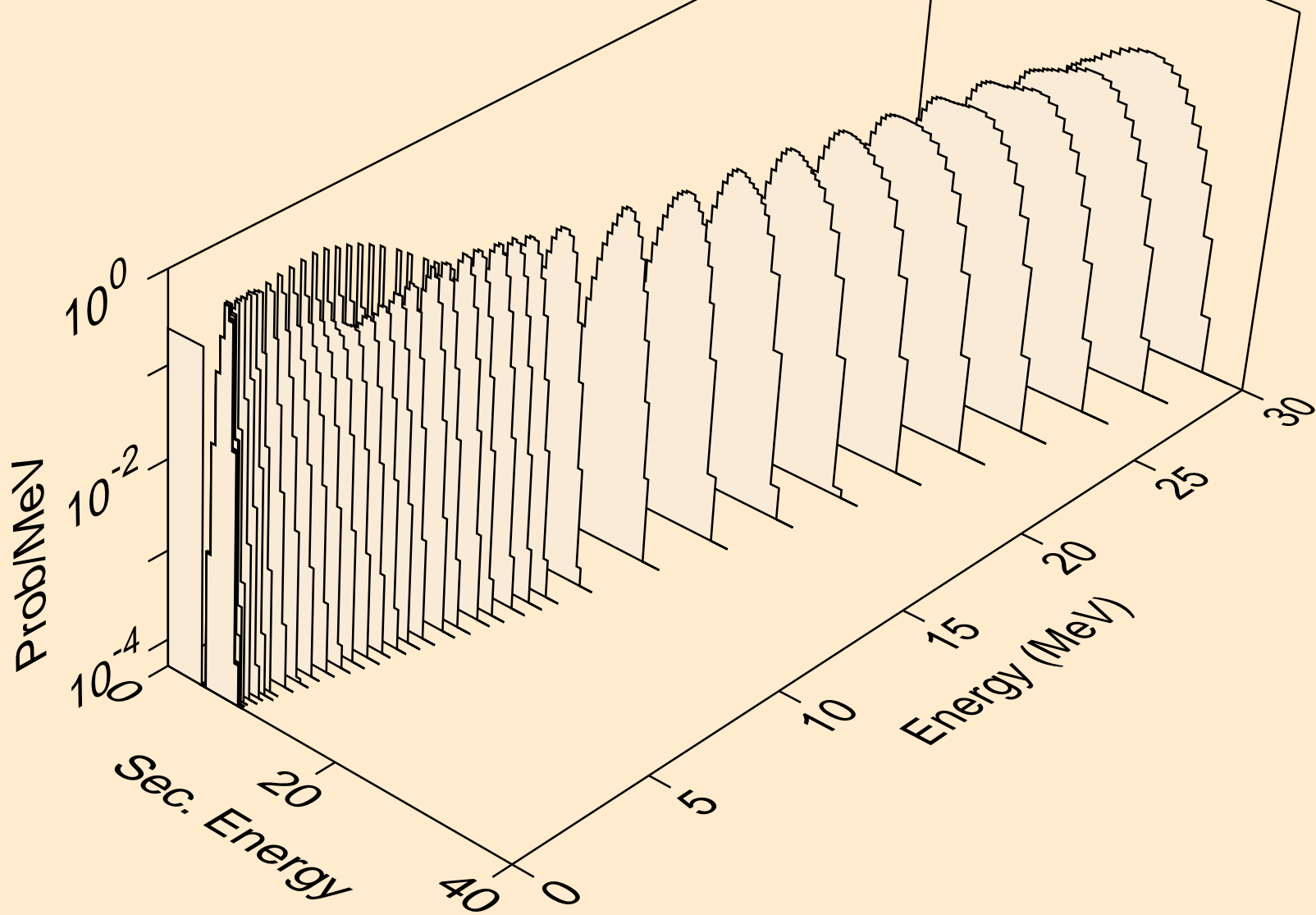
SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



SM135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

