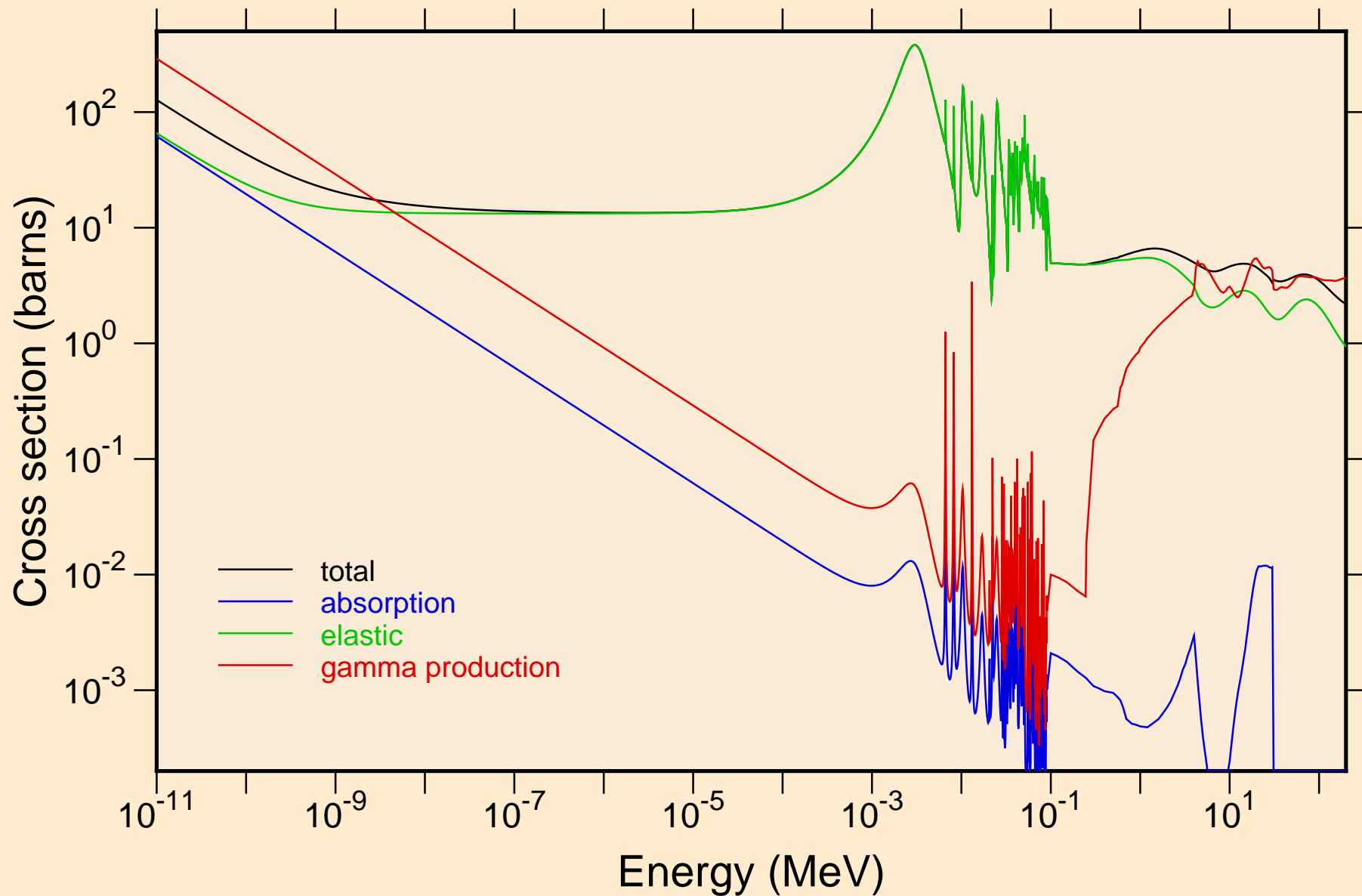
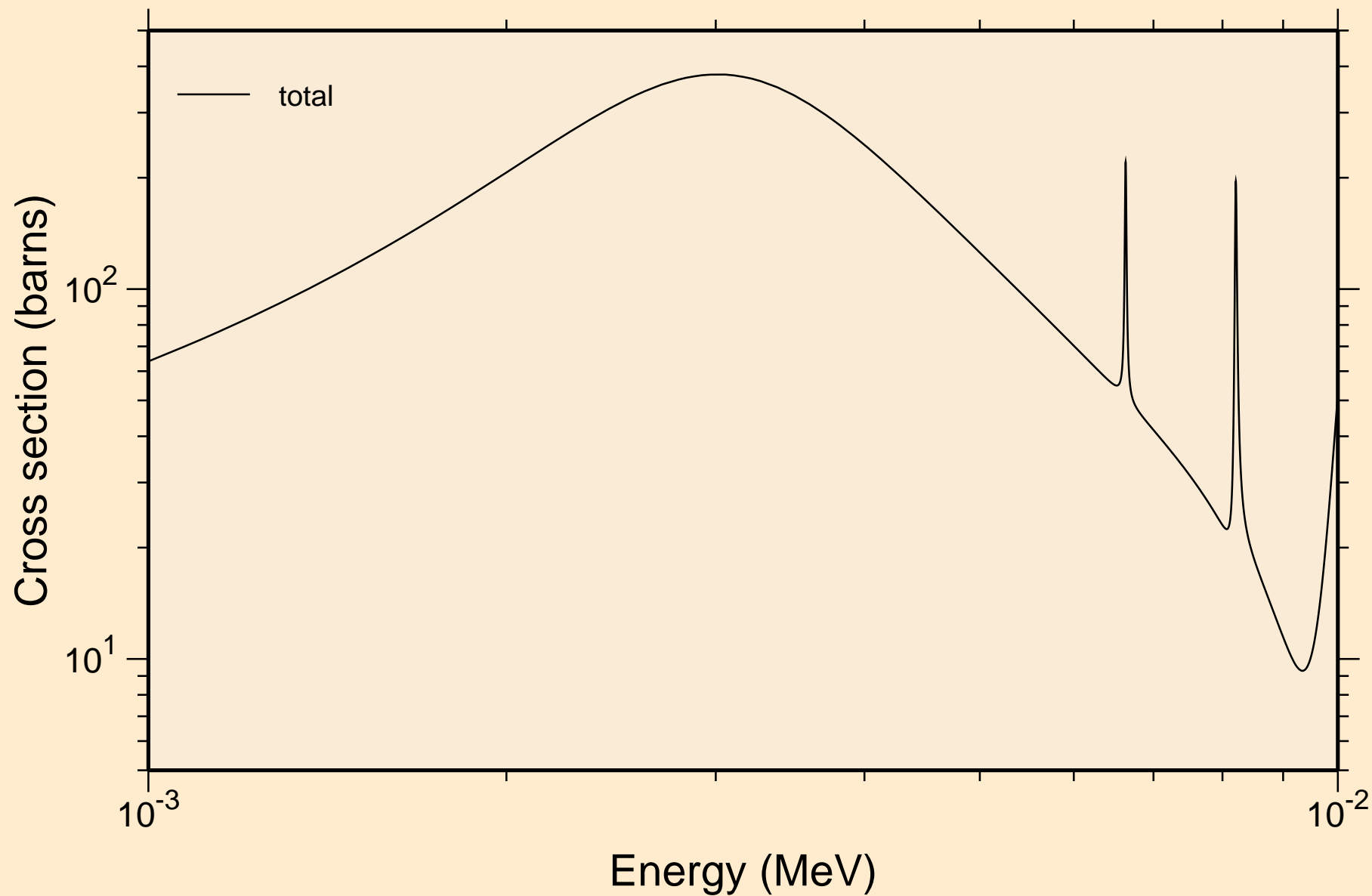


# I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

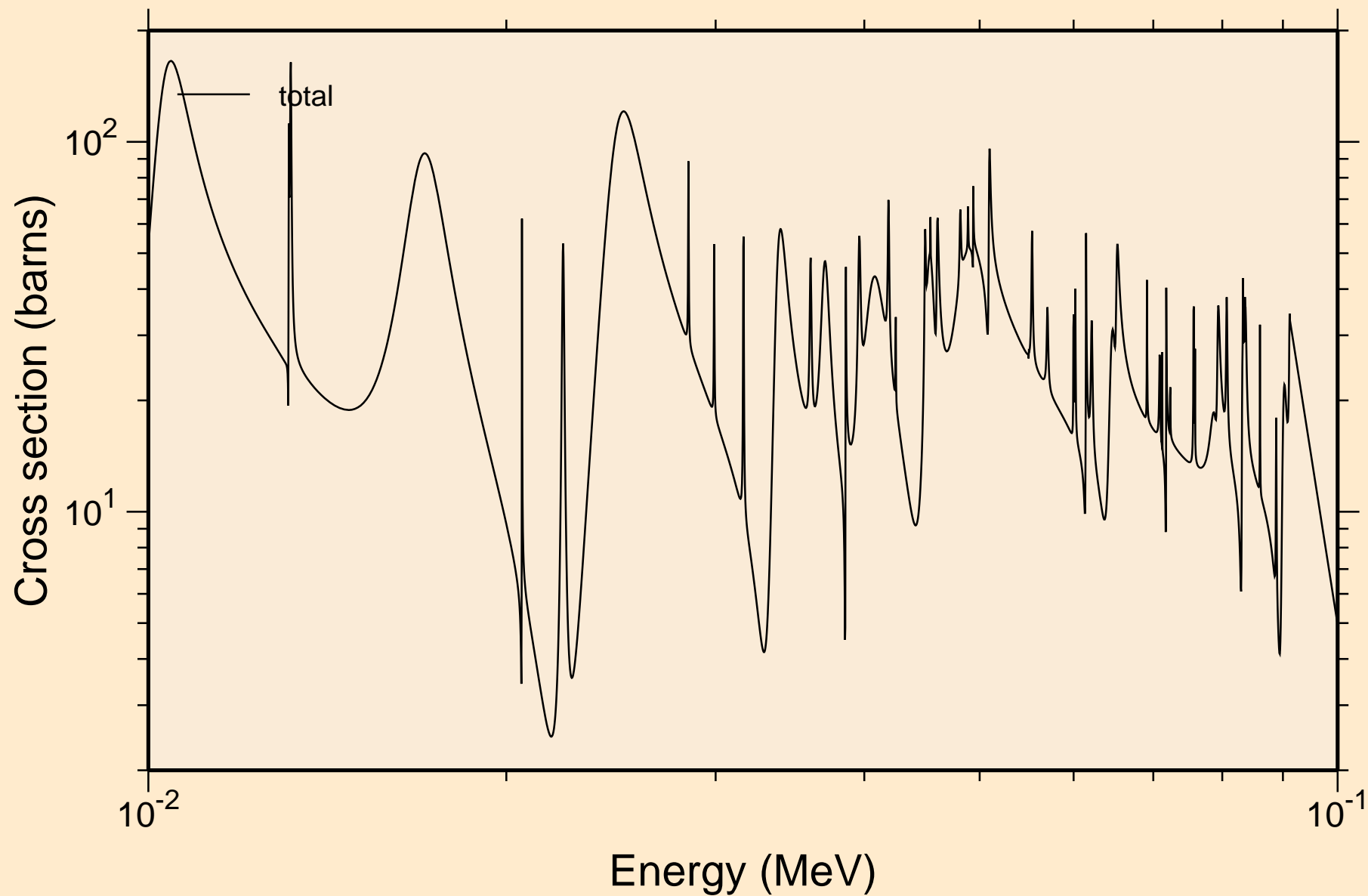
## Principal cross sections



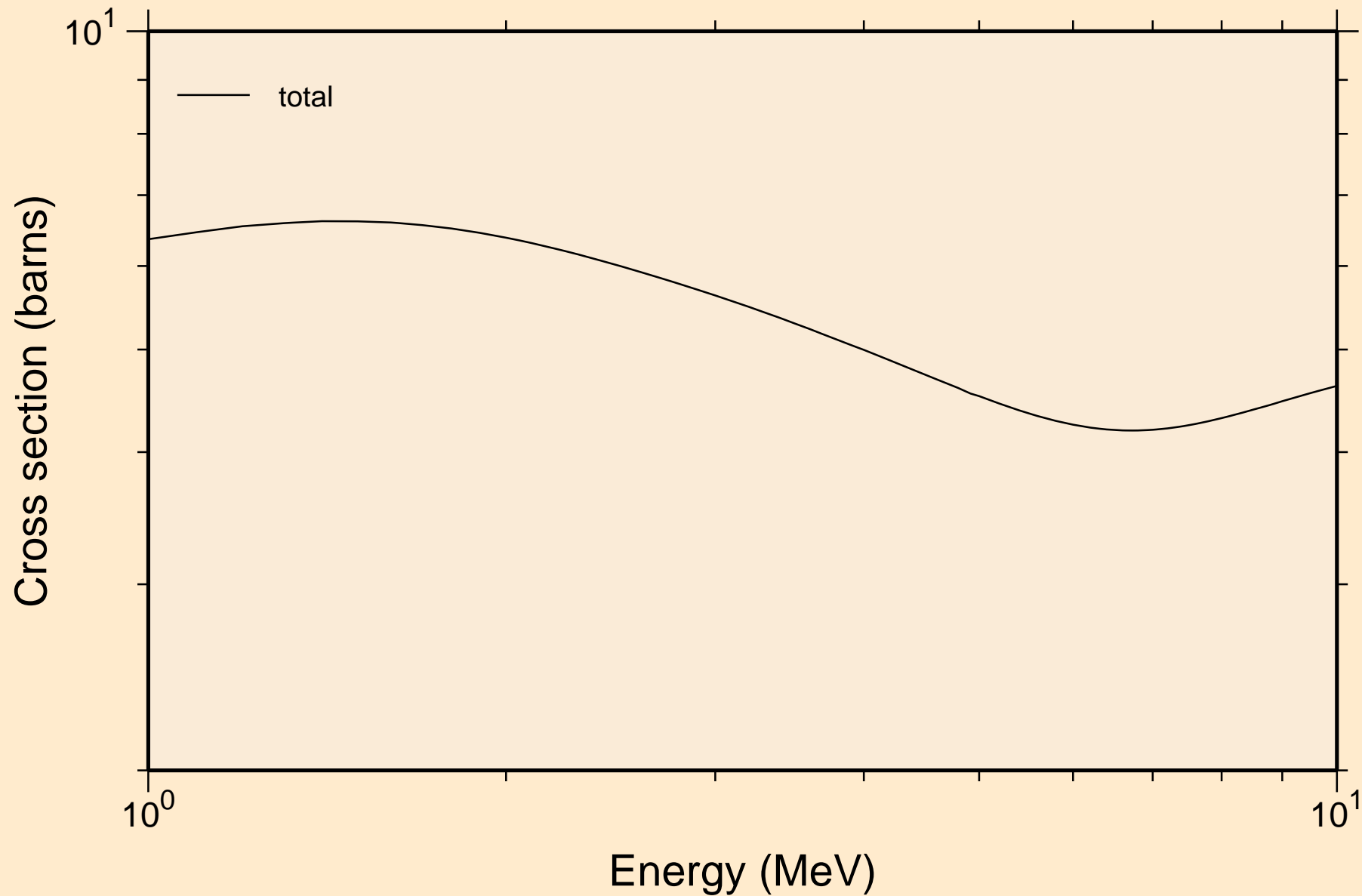
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resonance total cross section



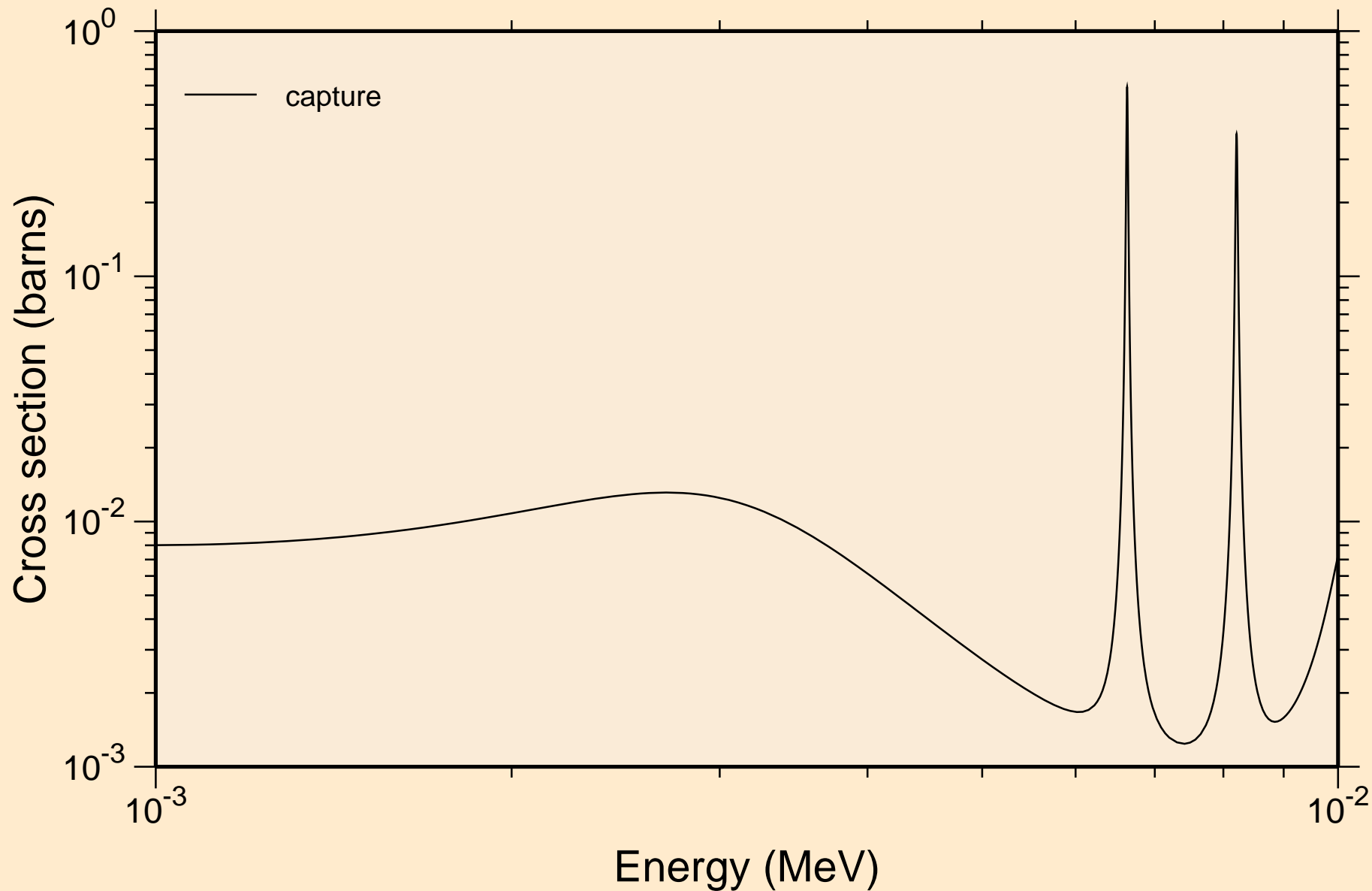
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resonance total cross section



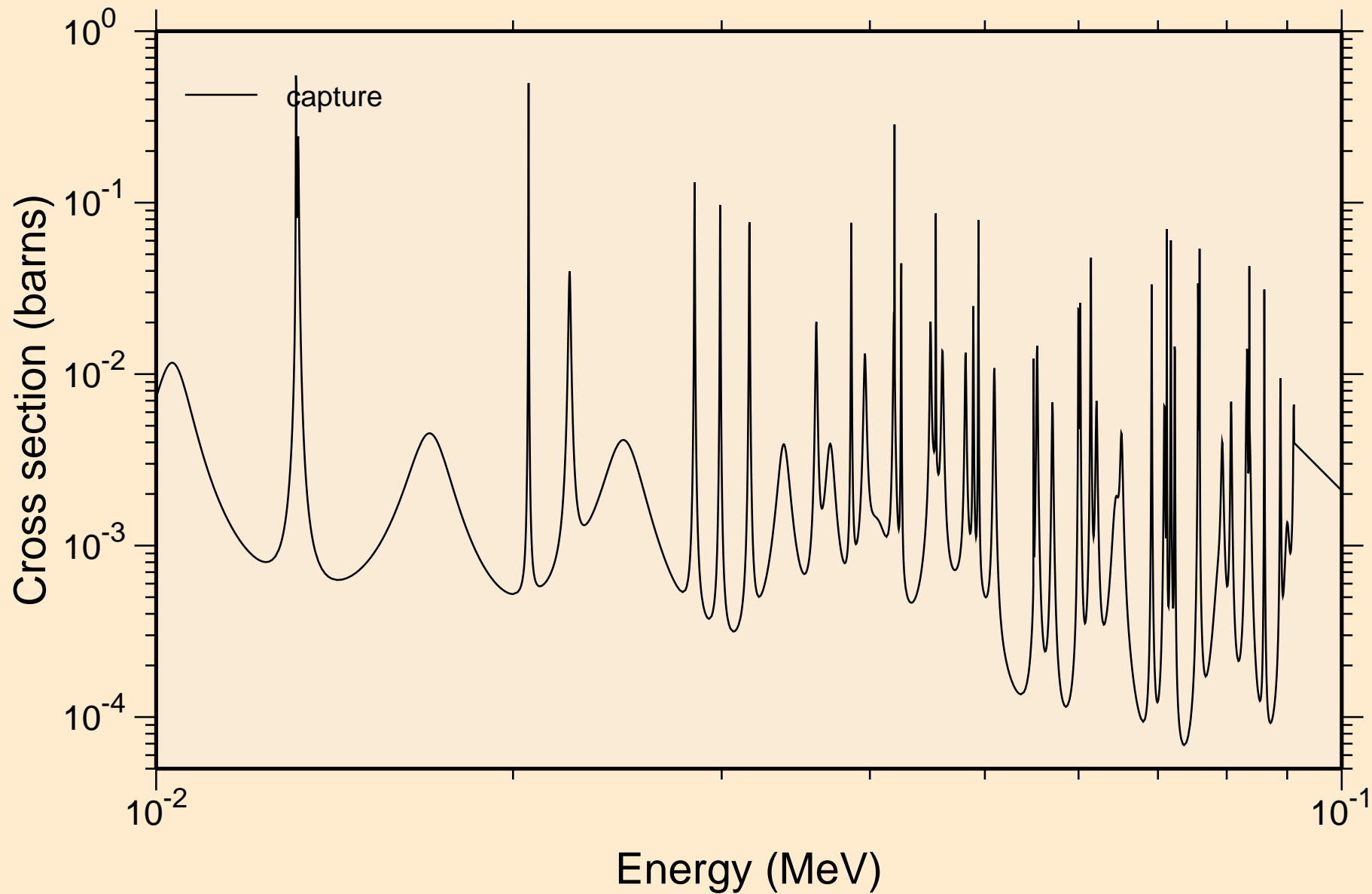
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resonance total cross section



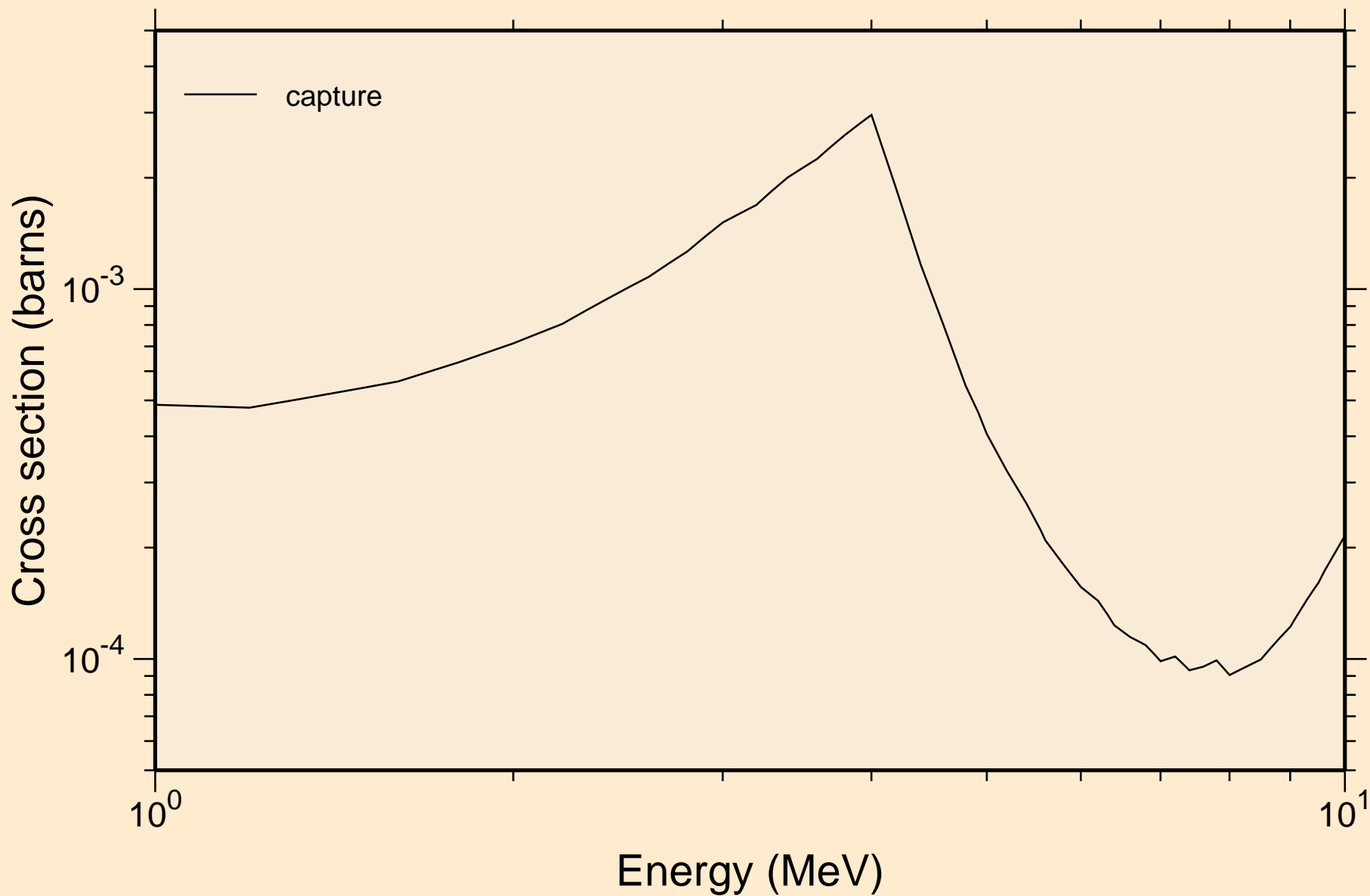
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resonance absorption cross sections



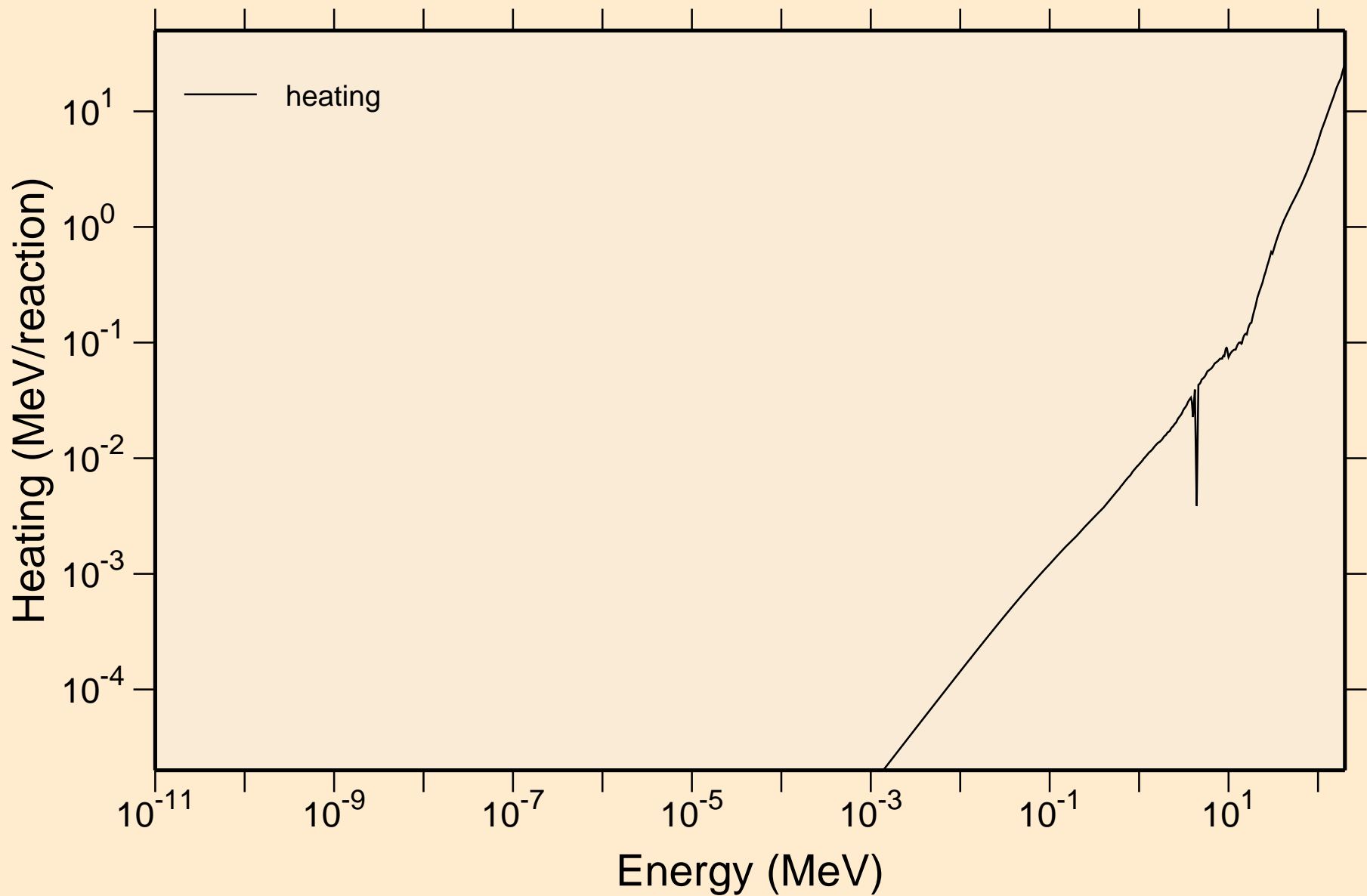
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

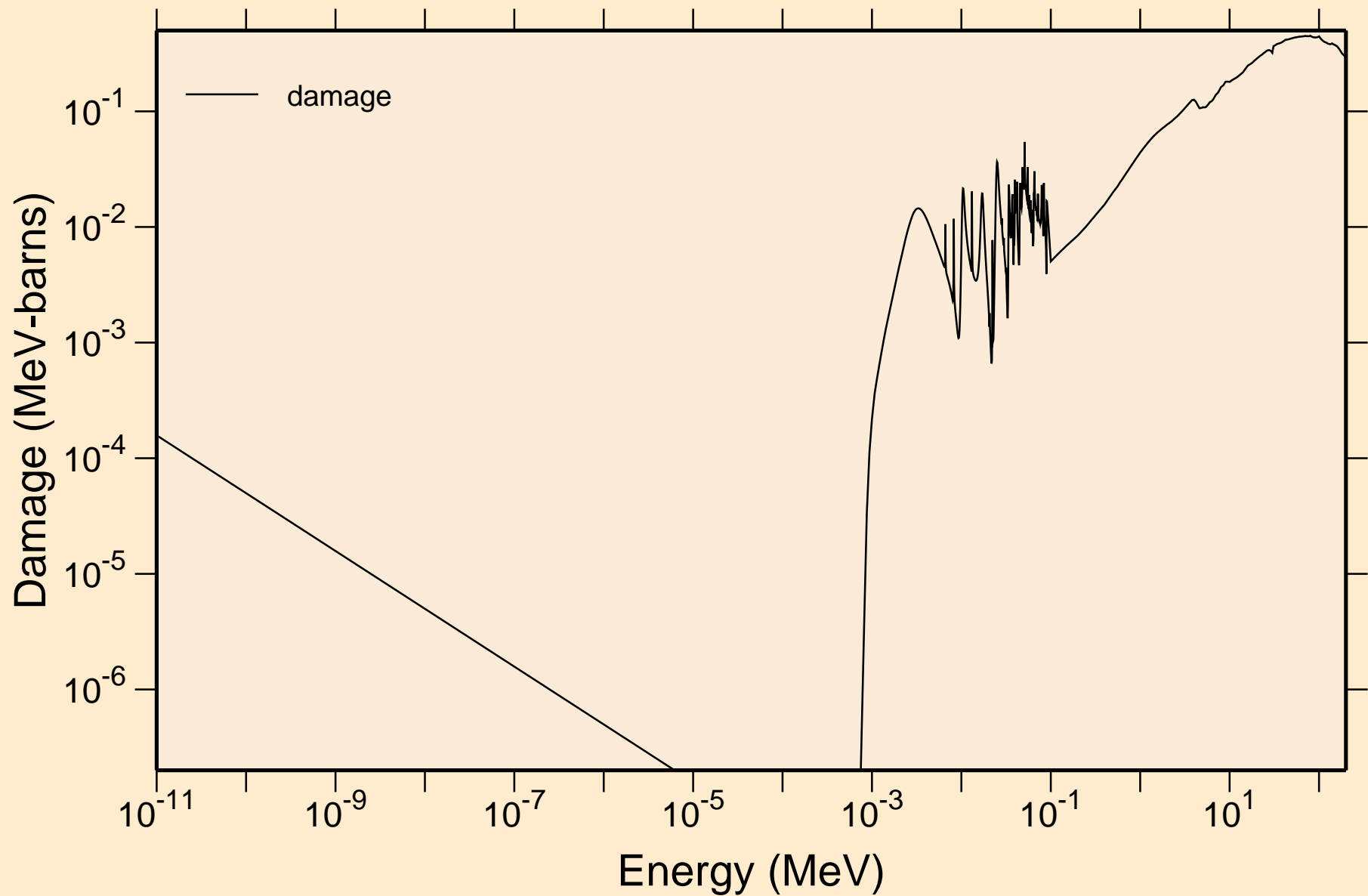


I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

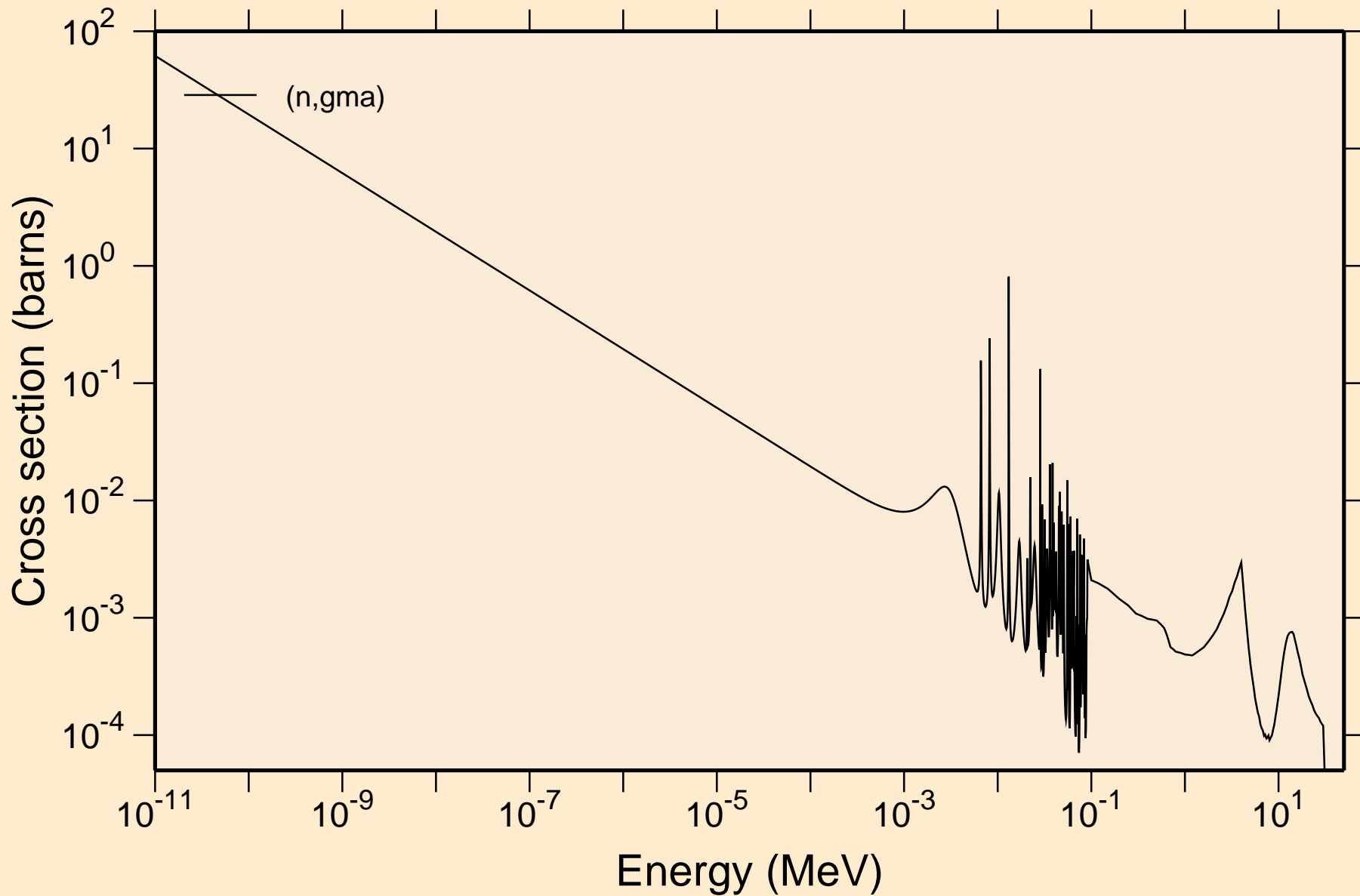




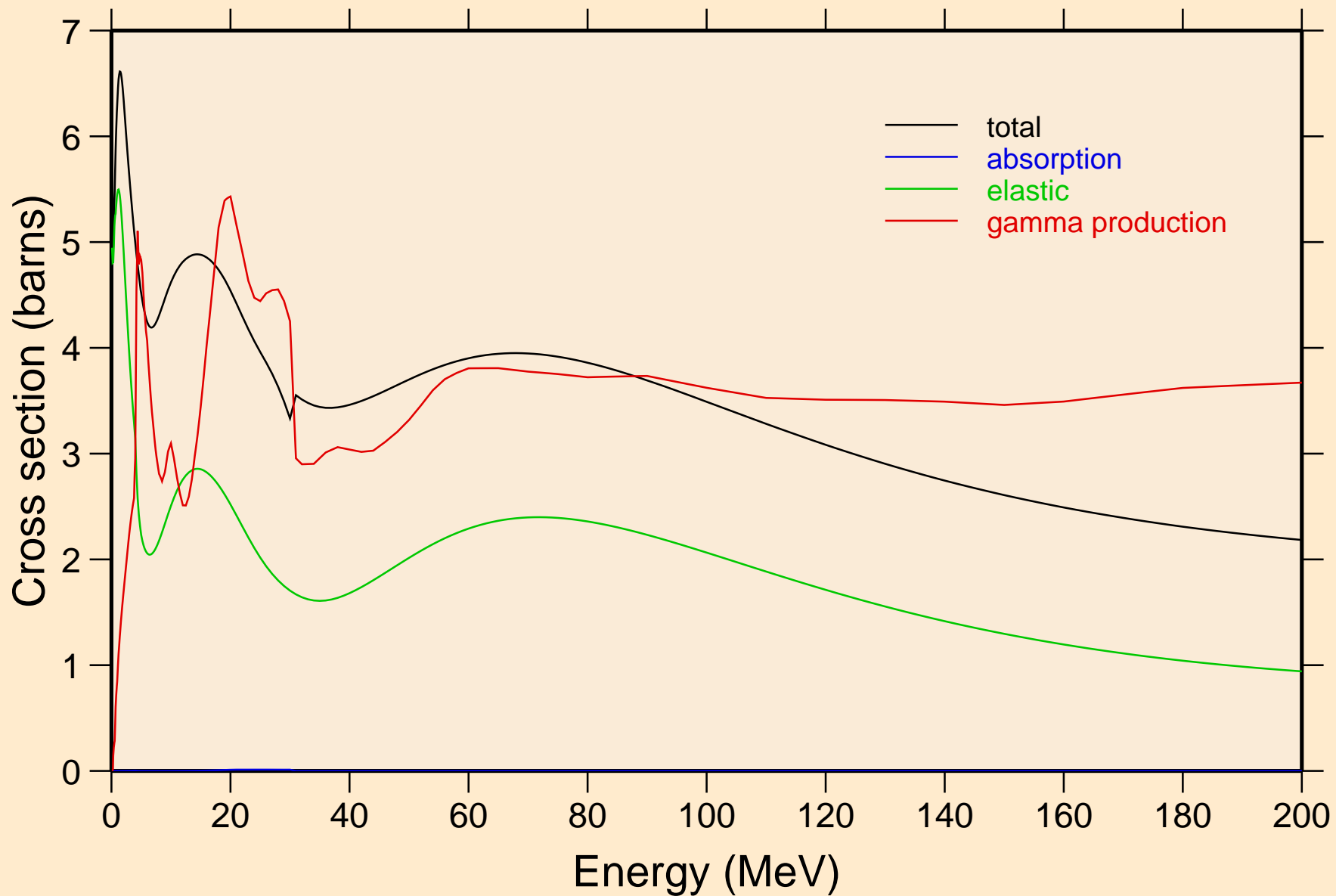
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Damage



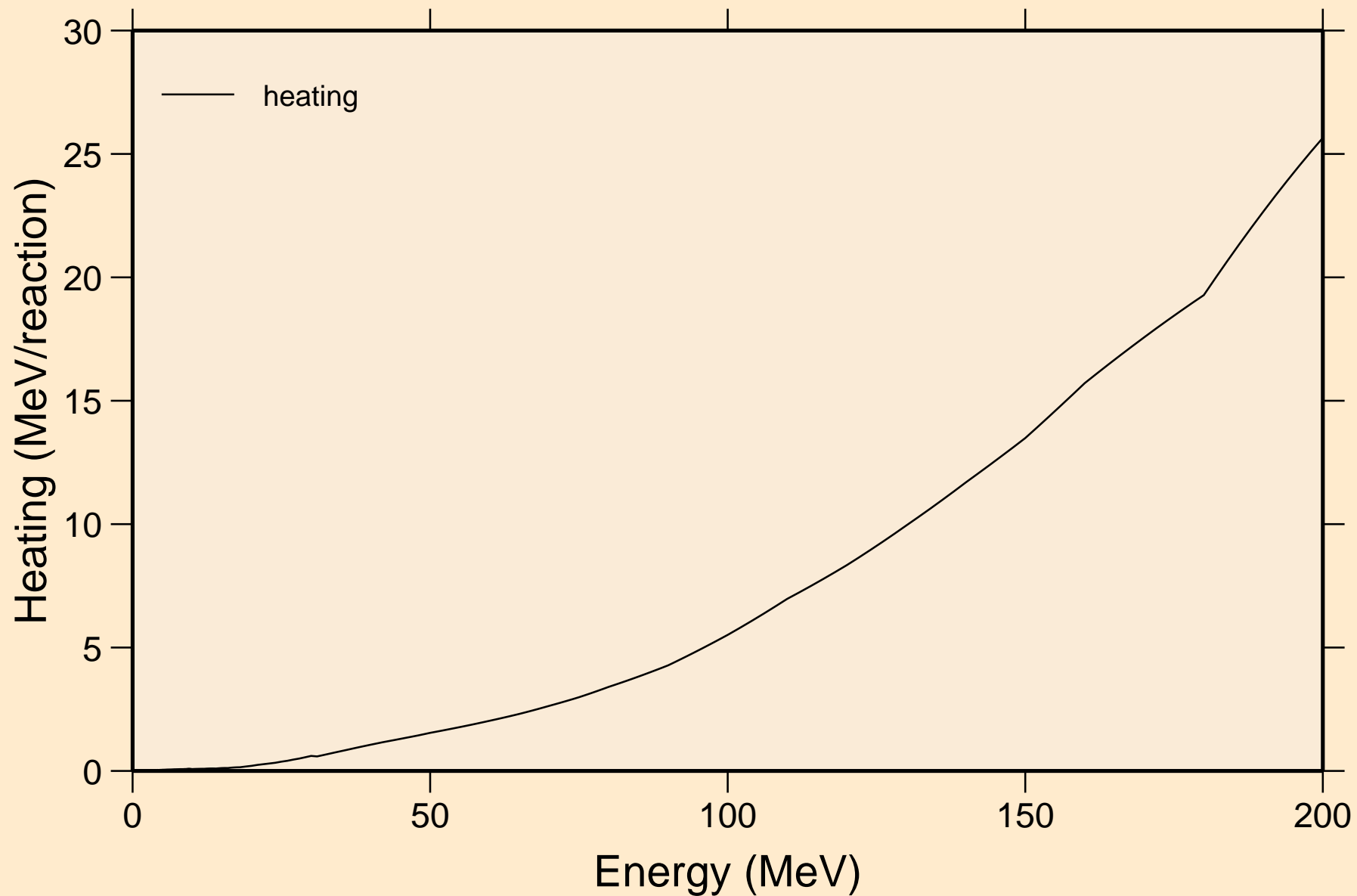
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Non-threshold reactions



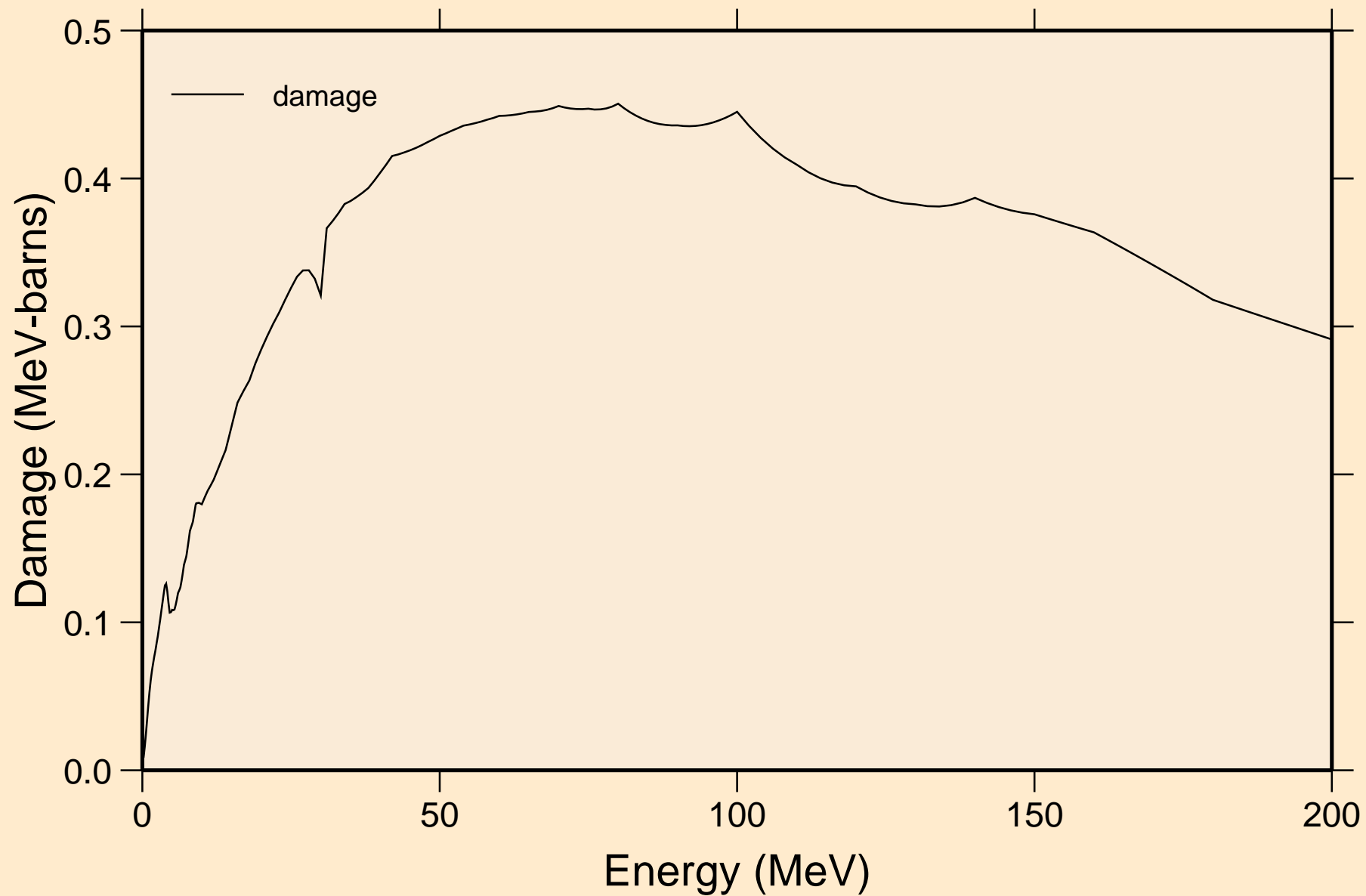
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Principal cross sections



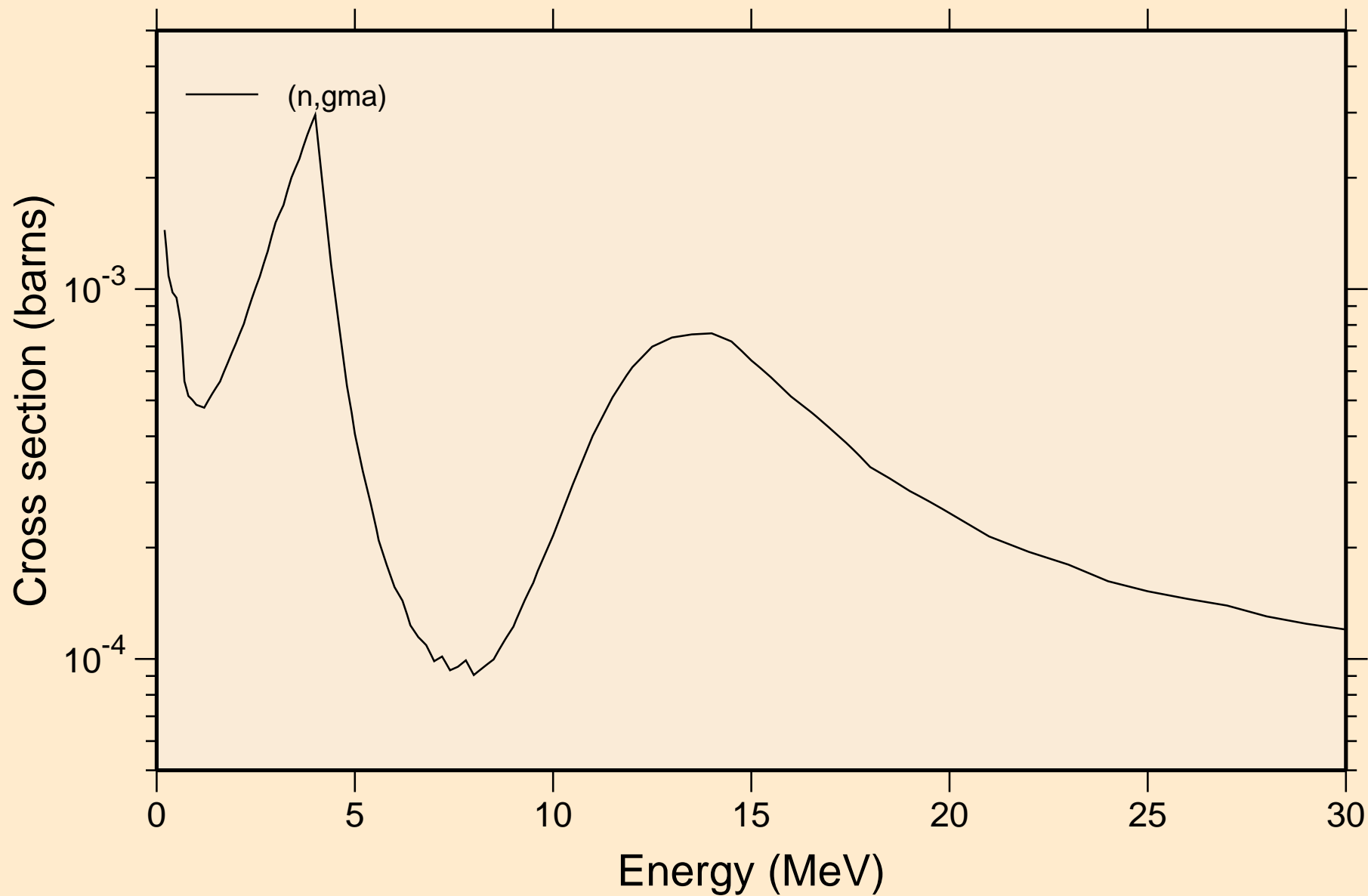
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



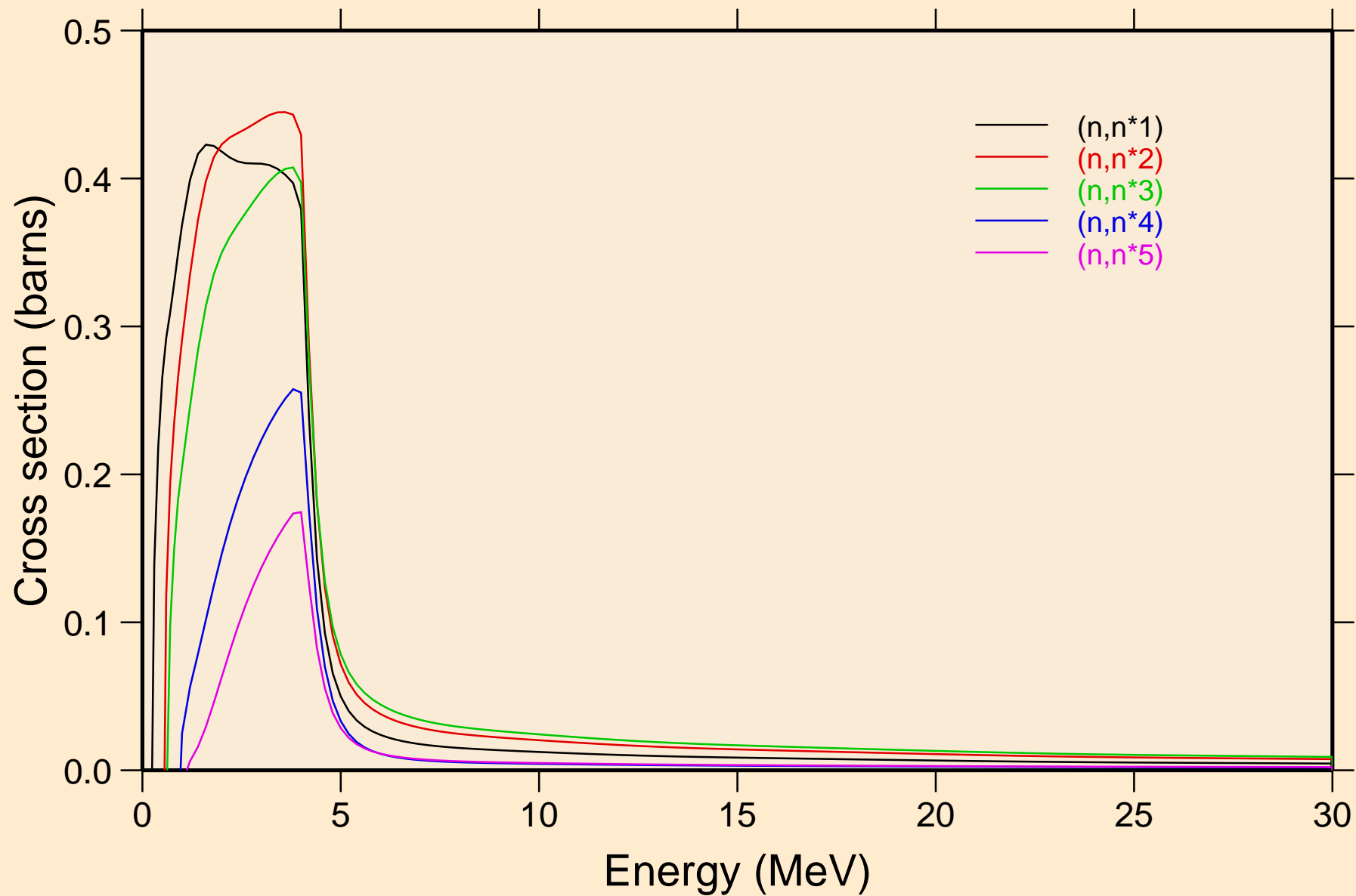
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Damage



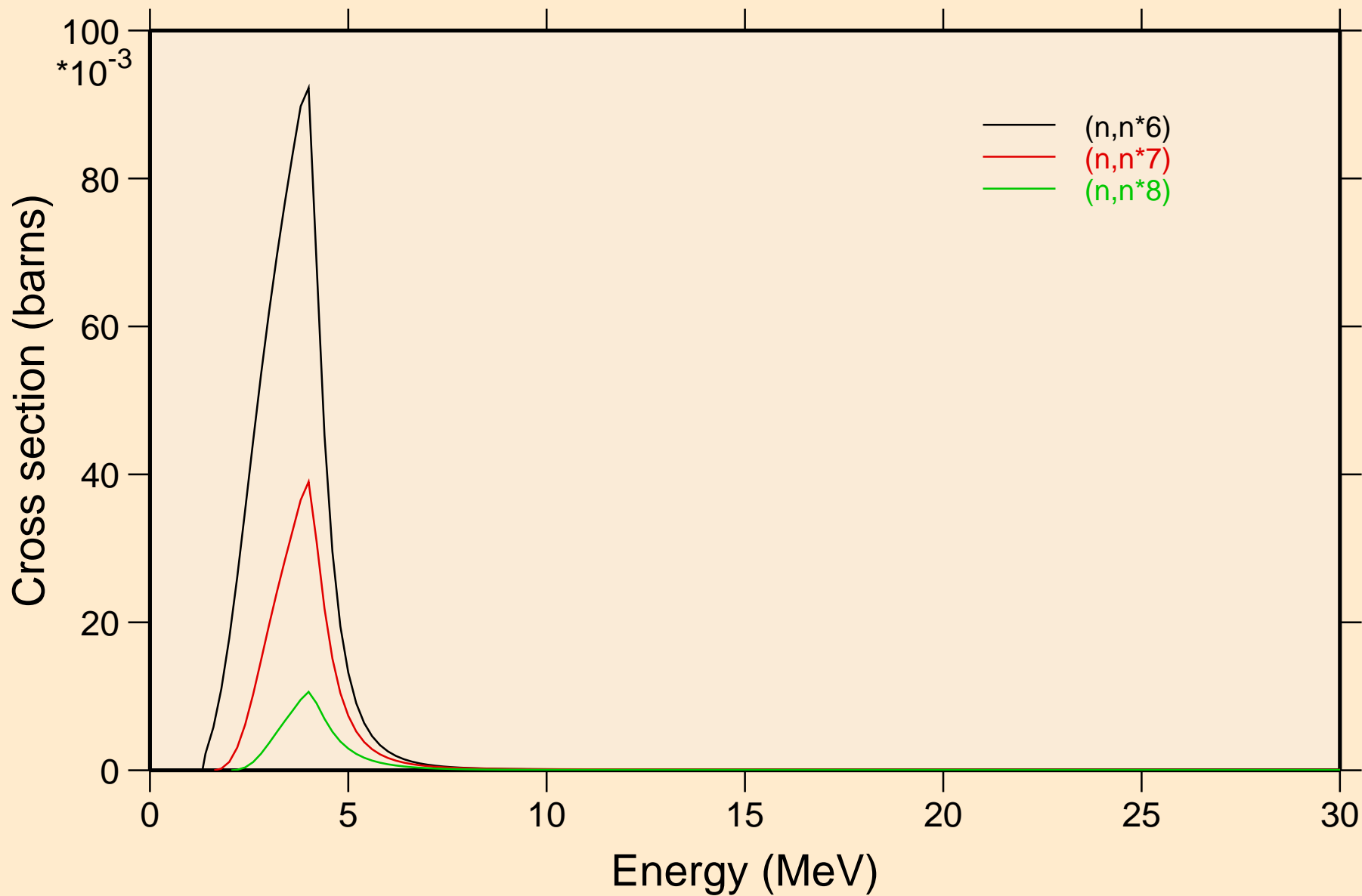
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

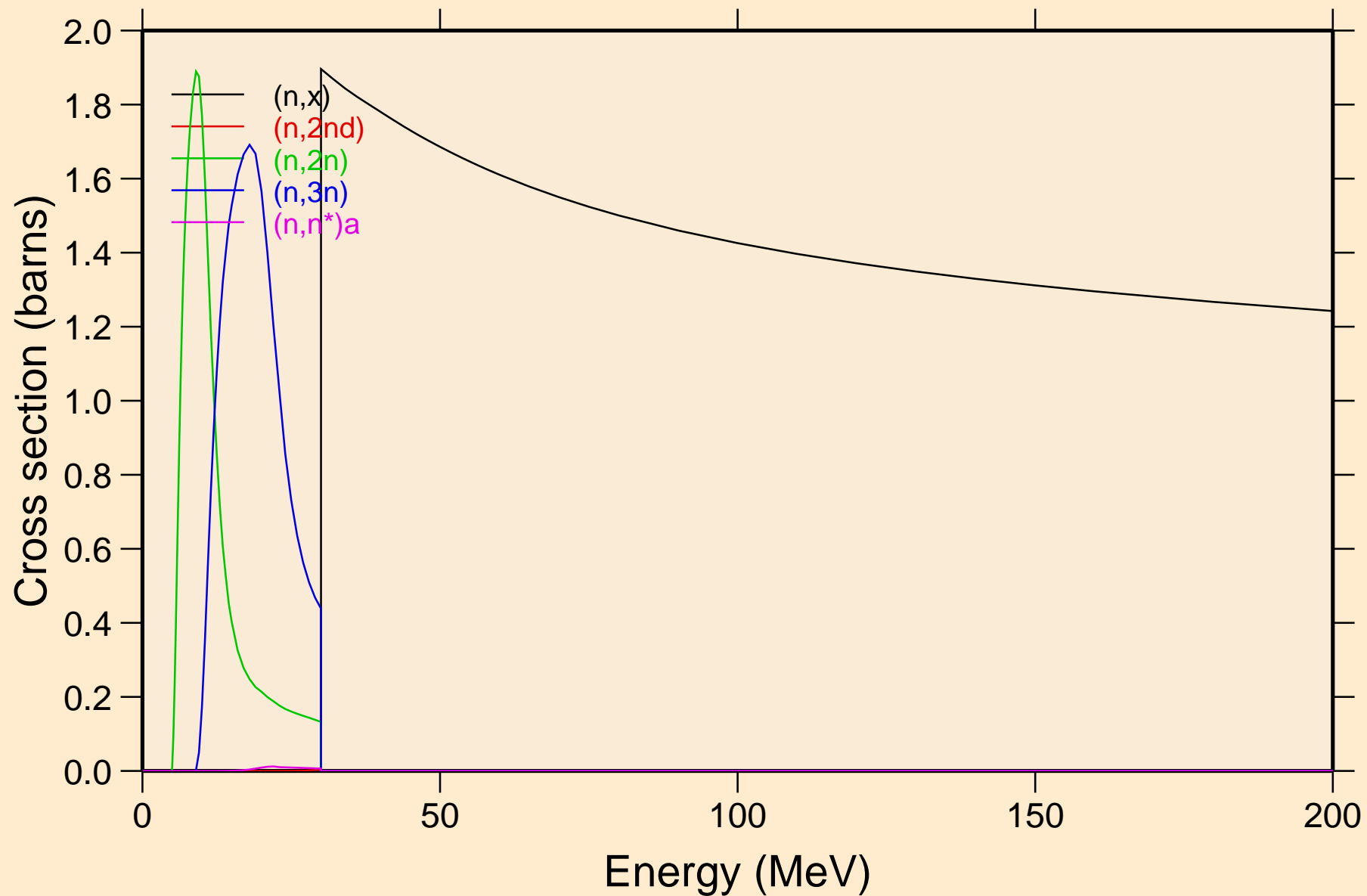


I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

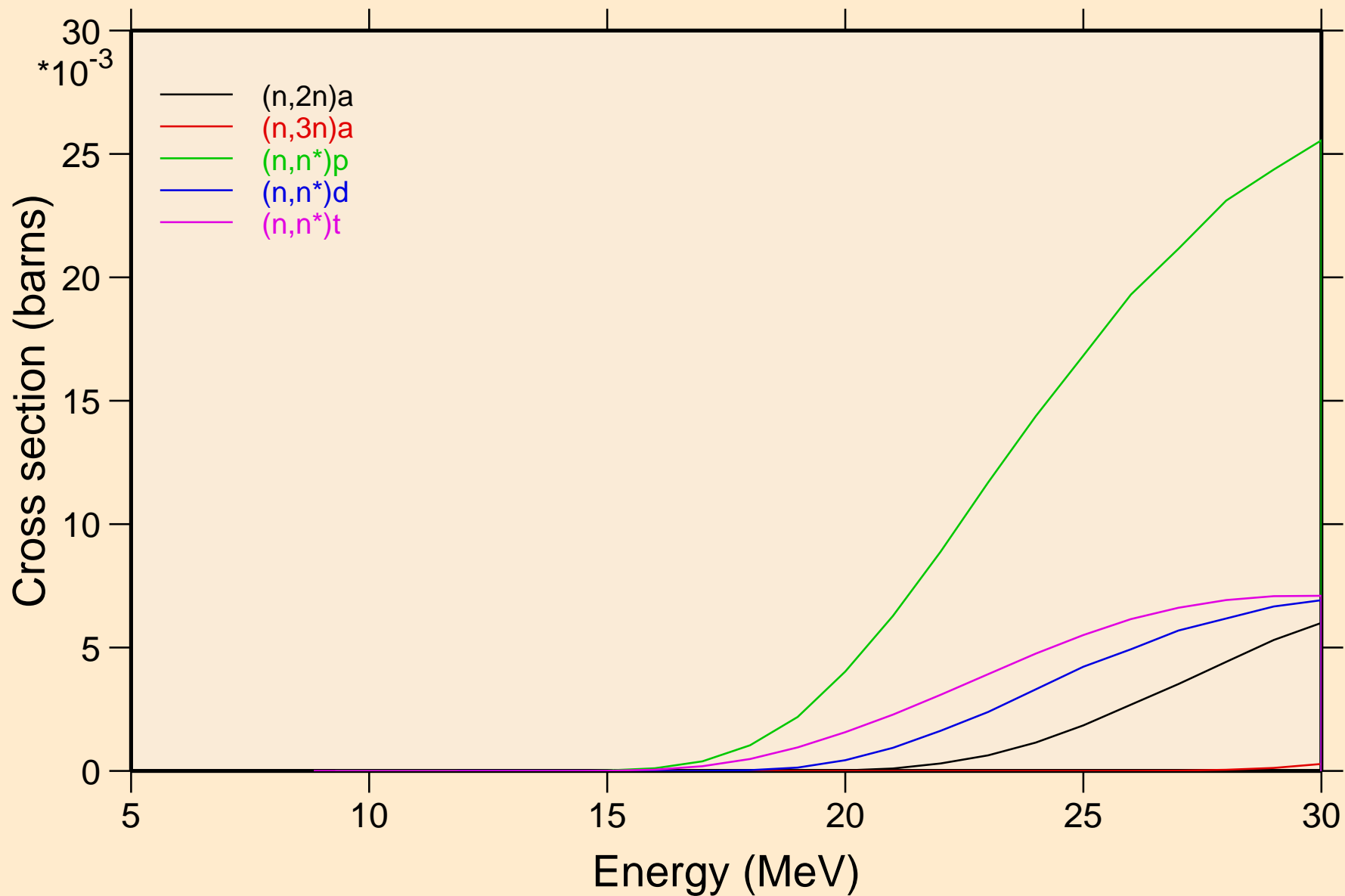




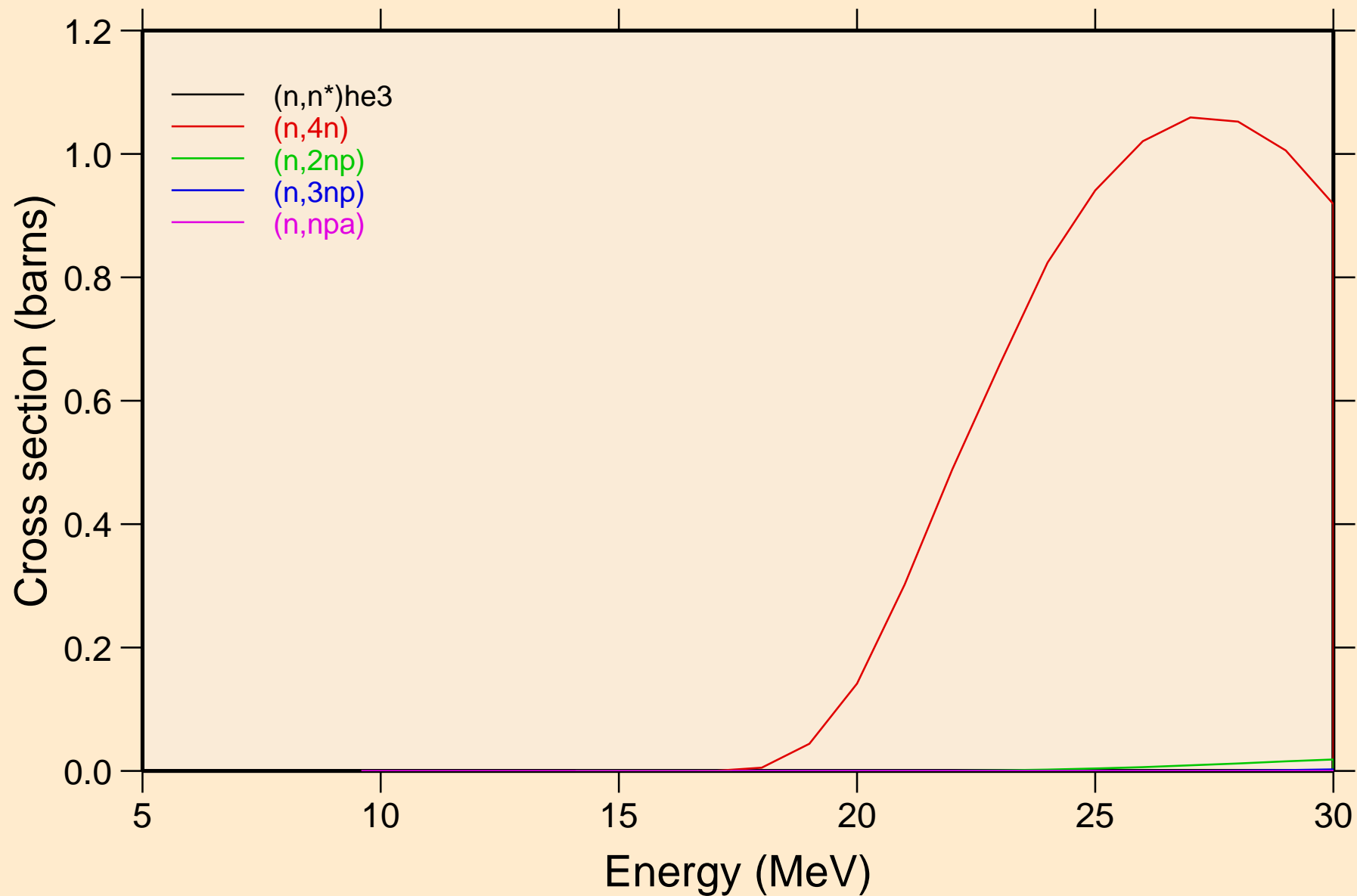
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Threshold reactions



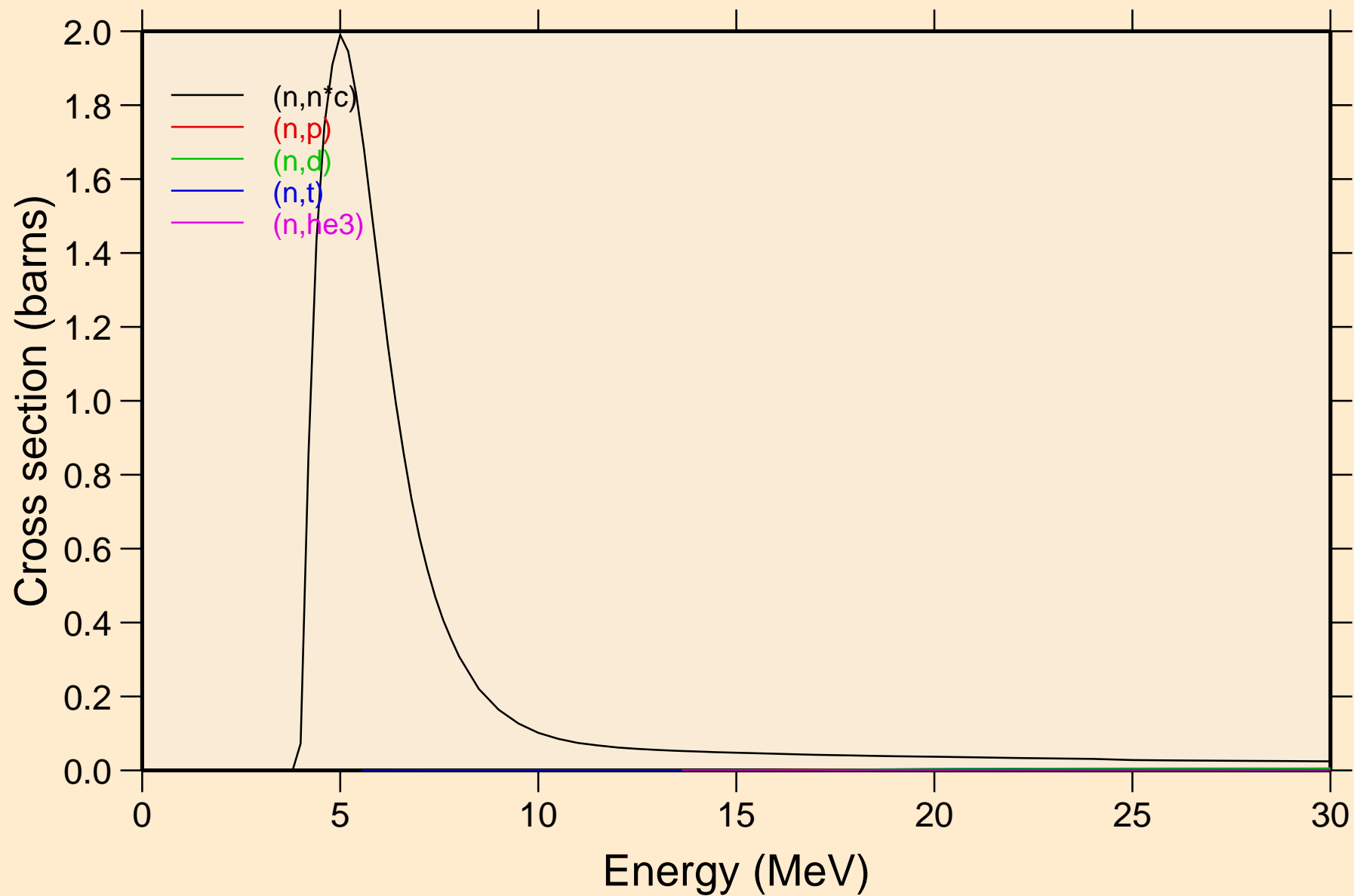
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Threshold reactions



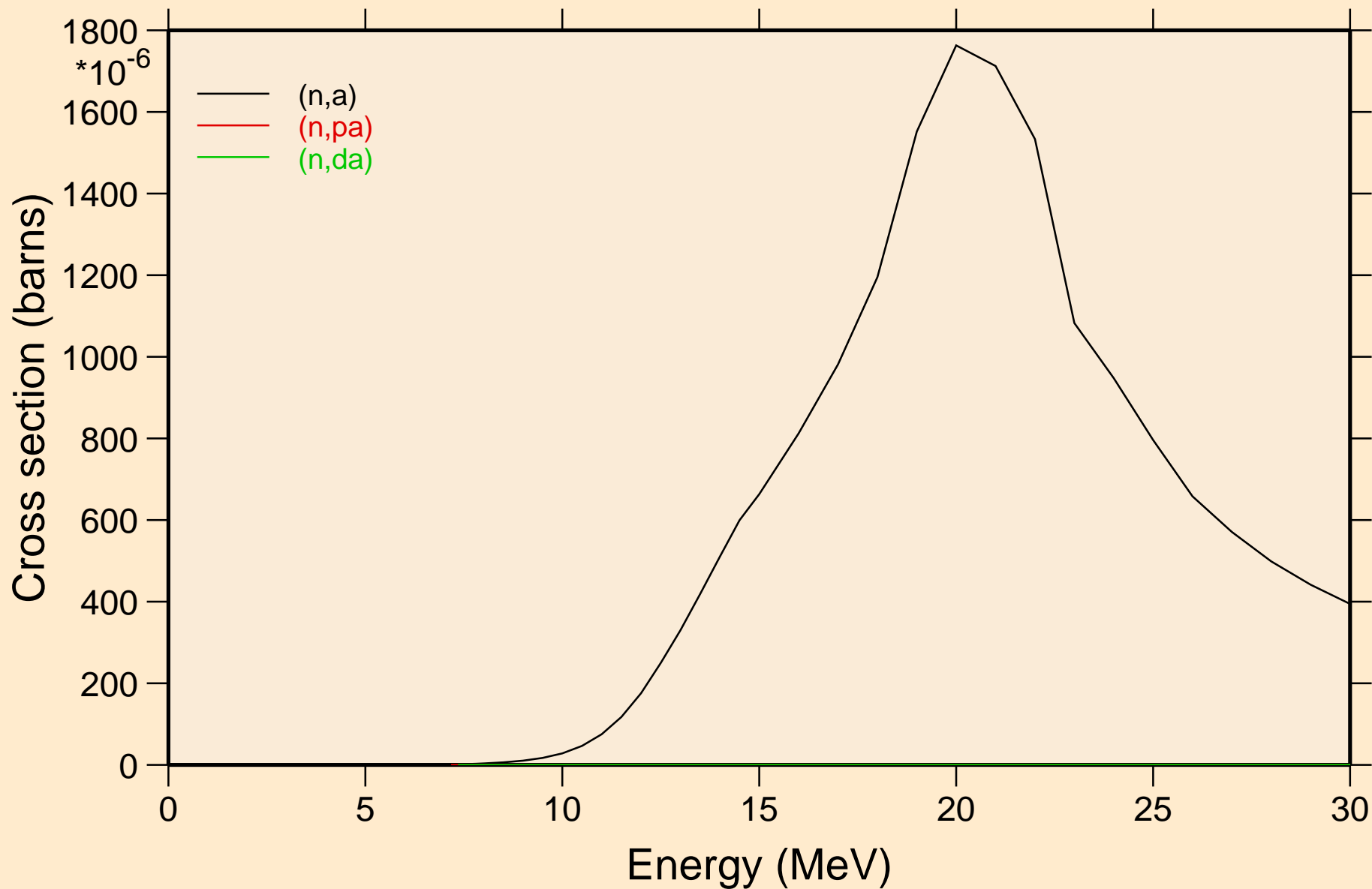
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Threshold reactions



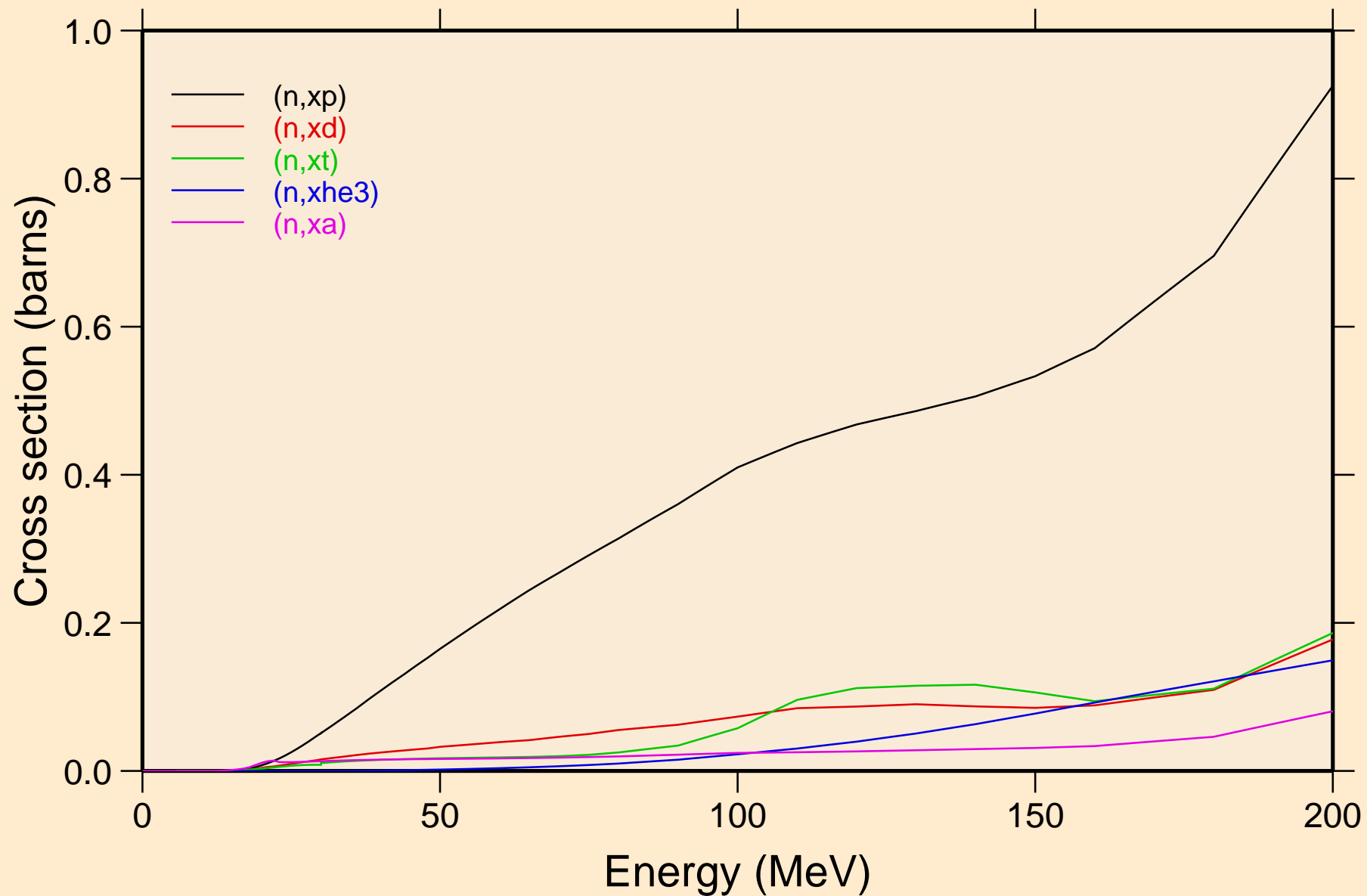
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Threshold reactions



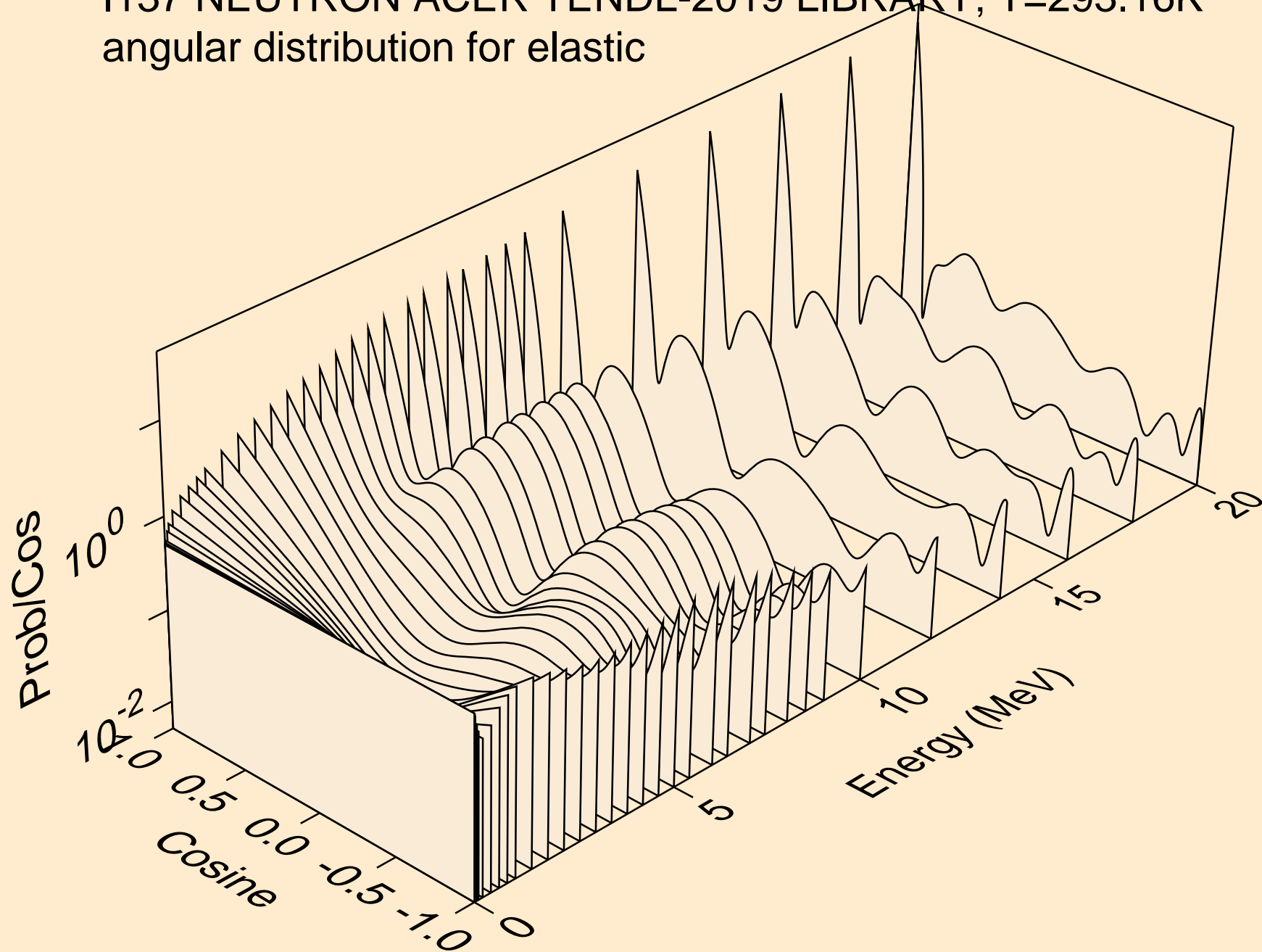
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



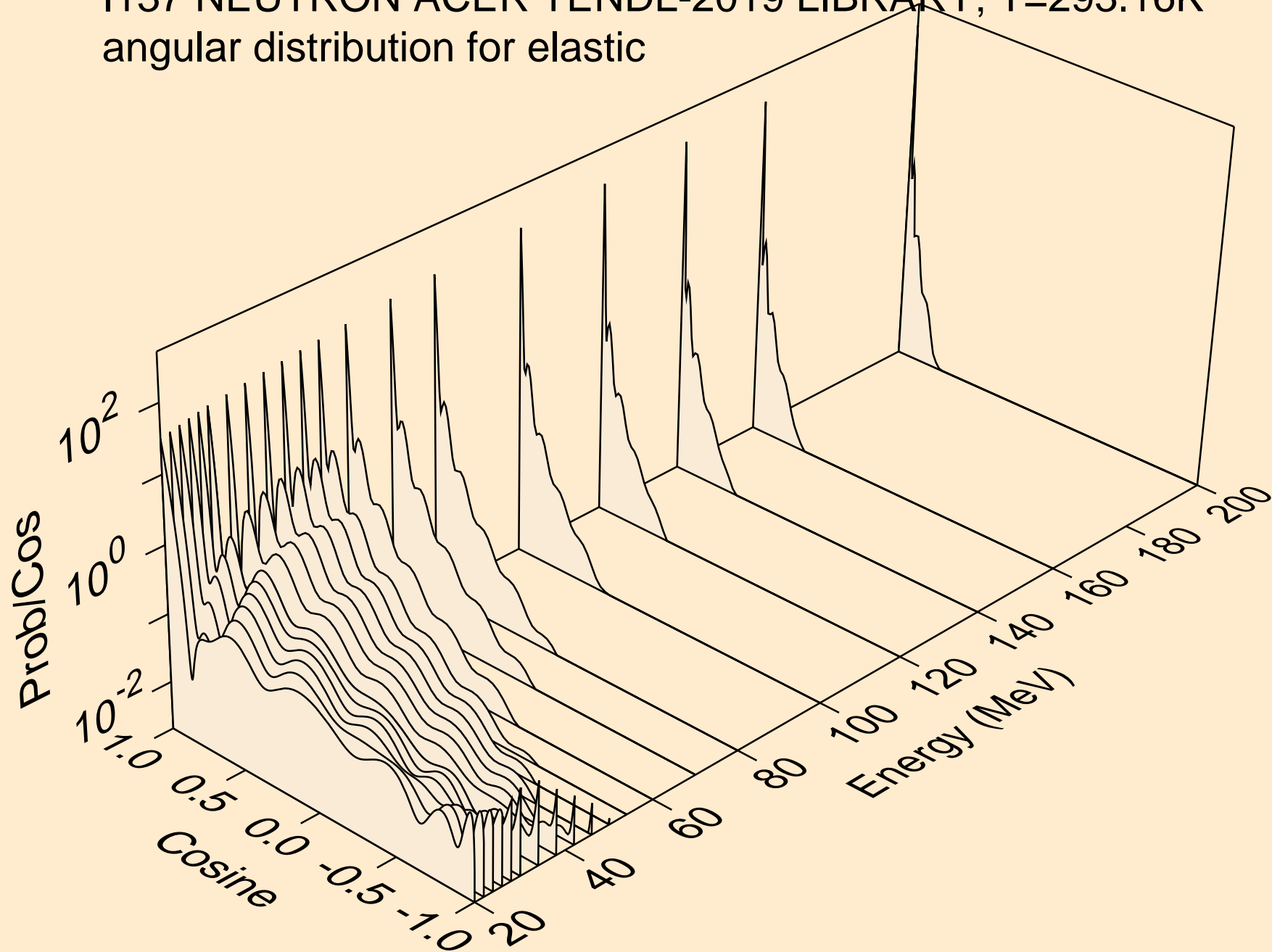
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

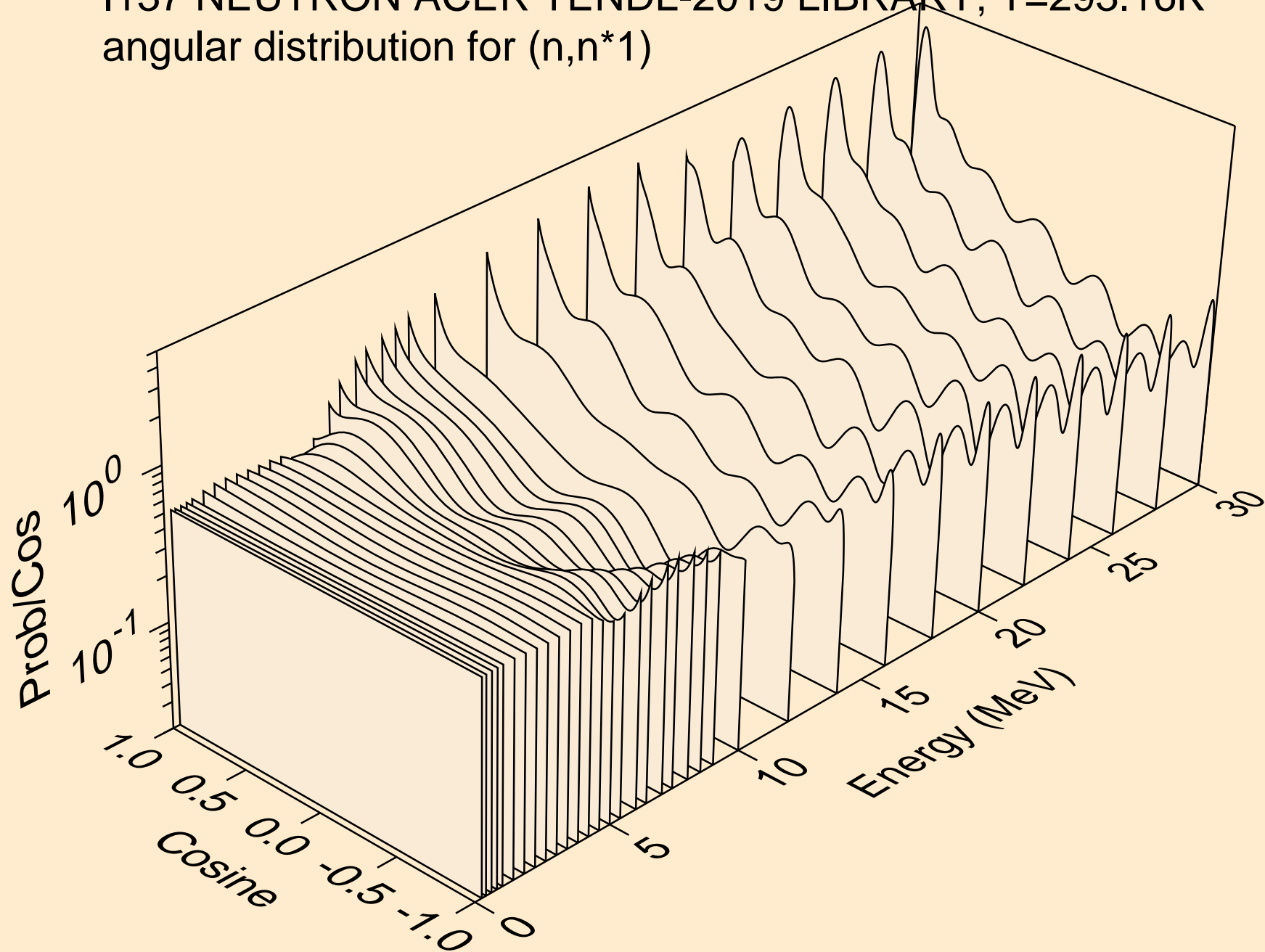


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angular distribution for elastic

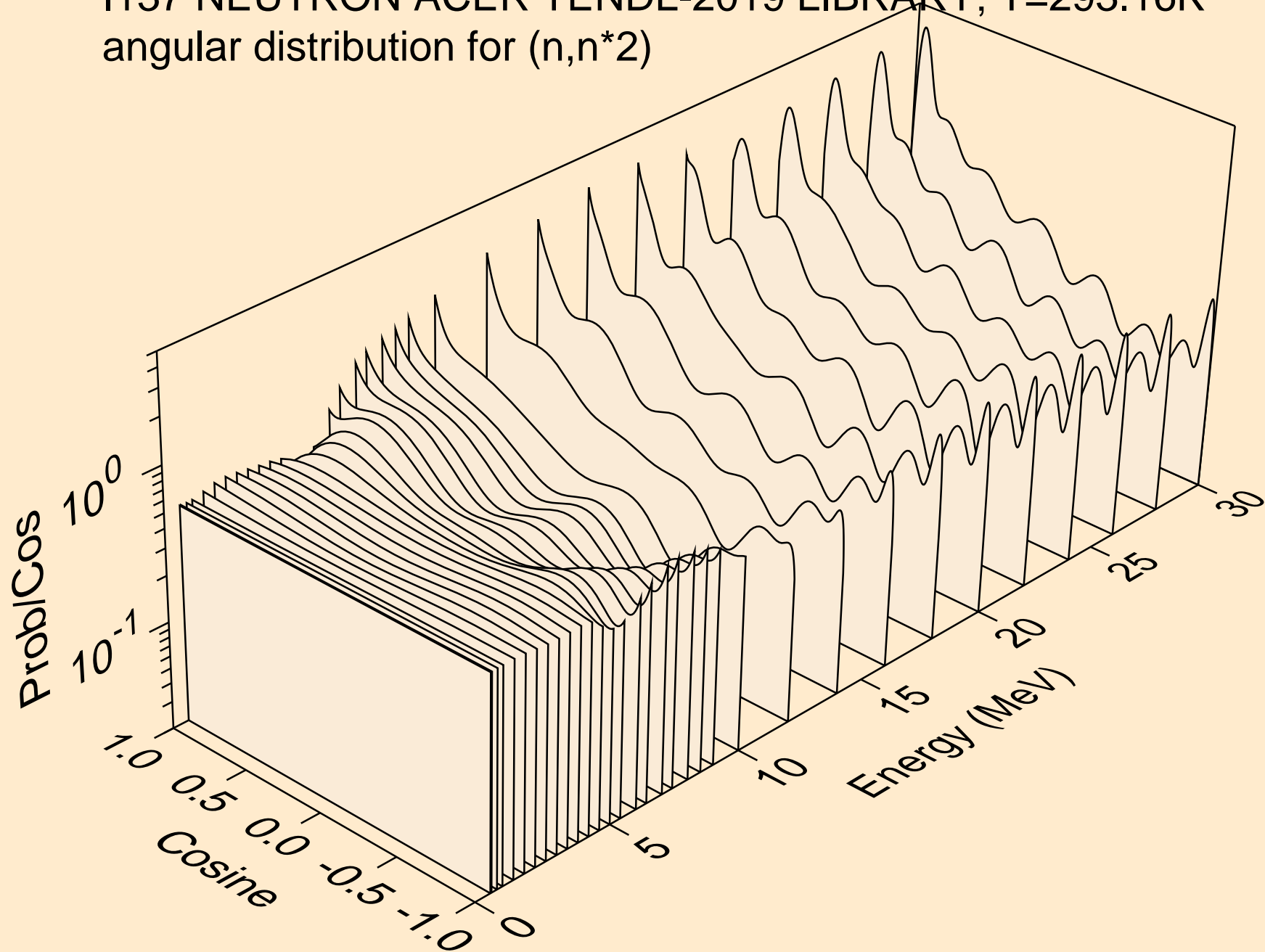




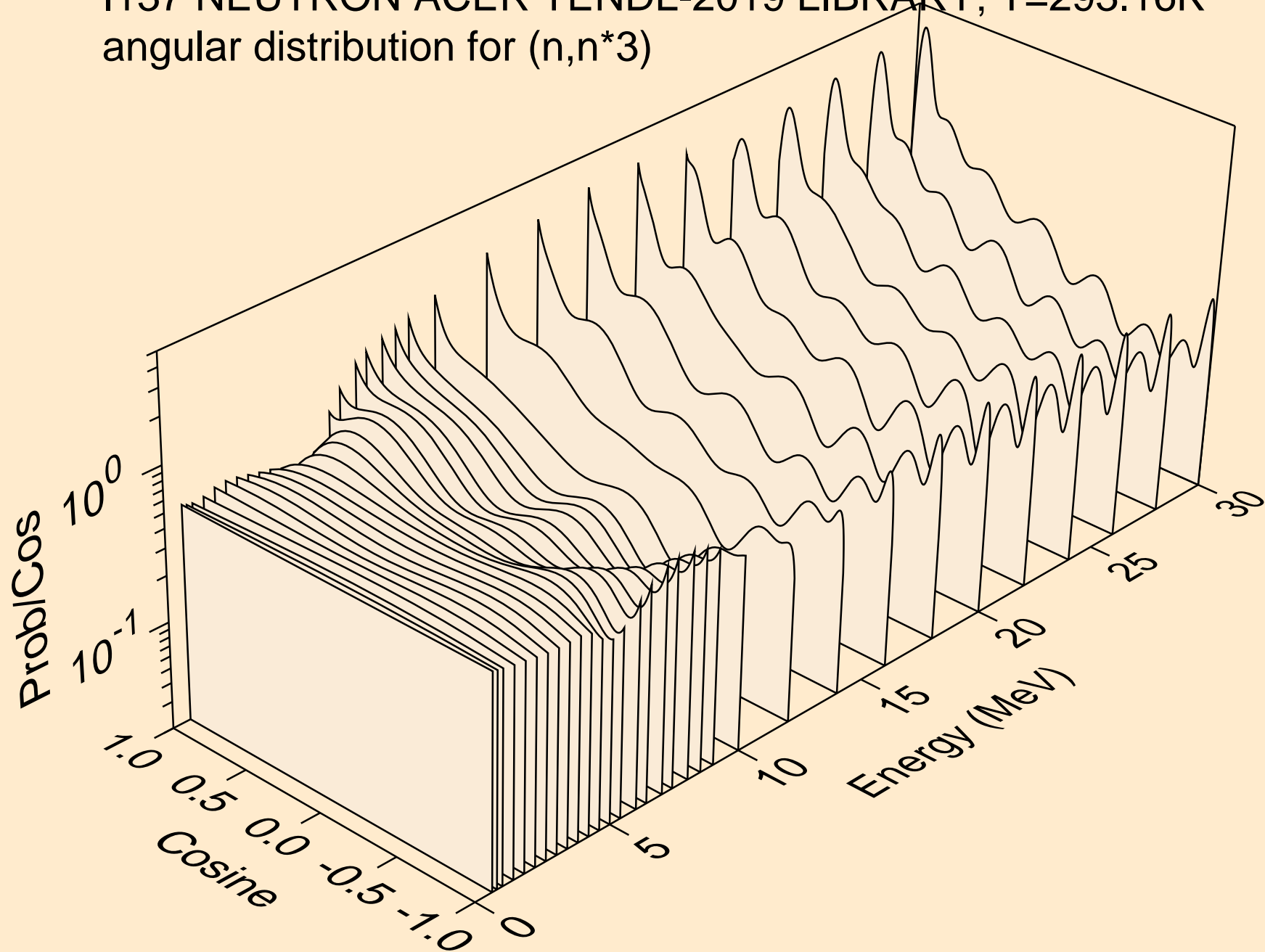
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angular distribution for (n,n\*1)



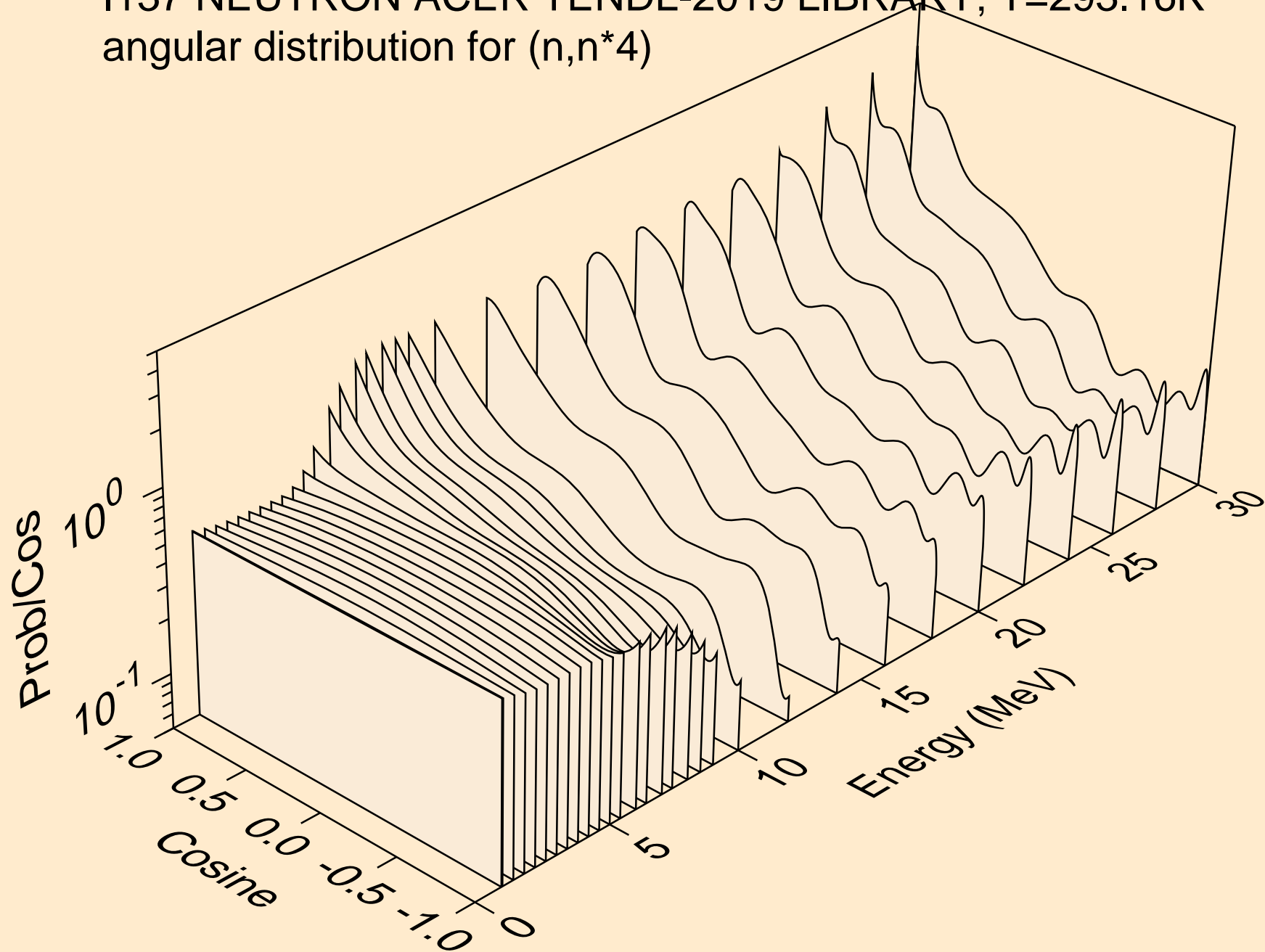
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angular distribution for (n,n\*2)



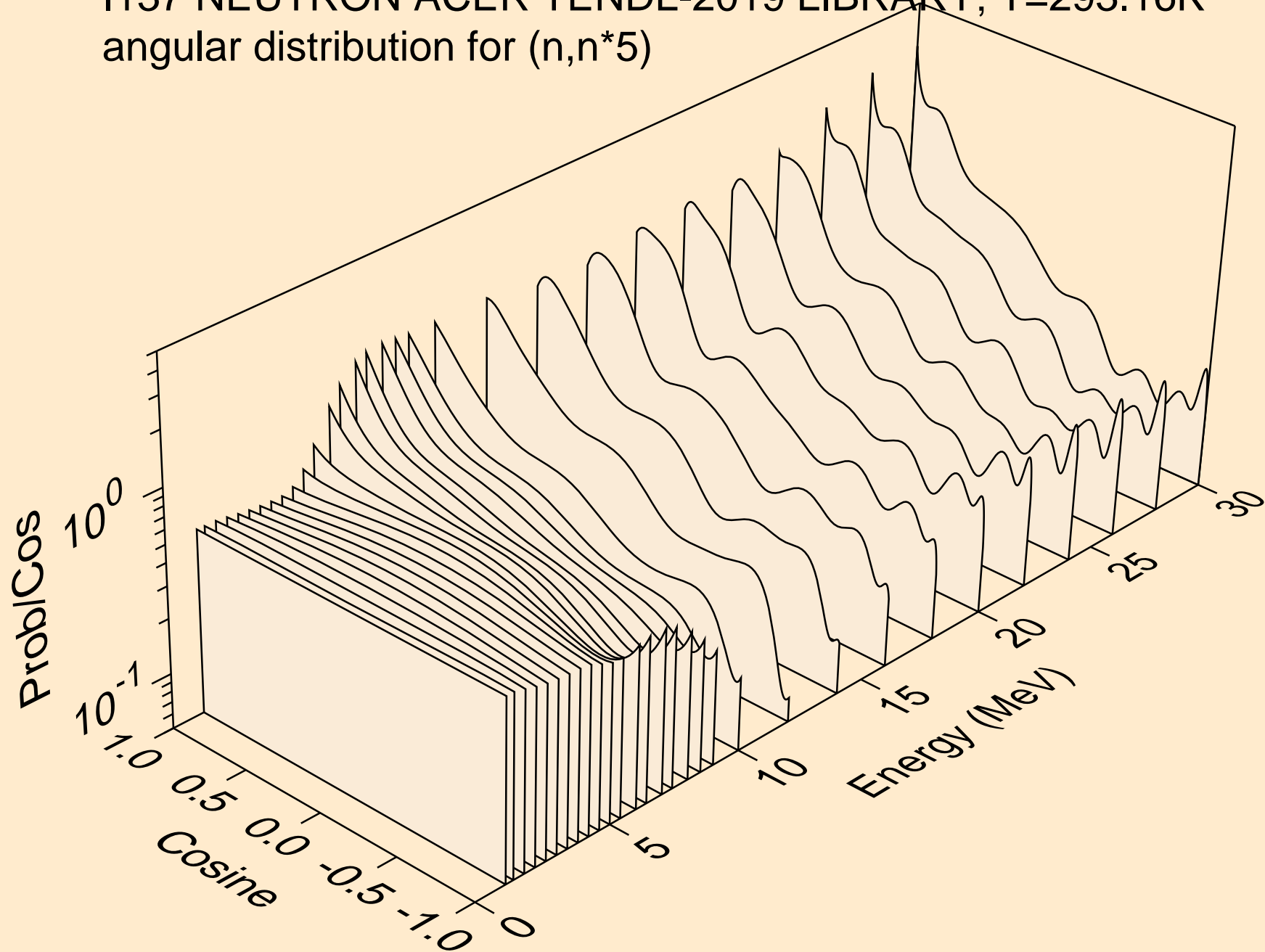
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angular distribution for (n,n\*3)



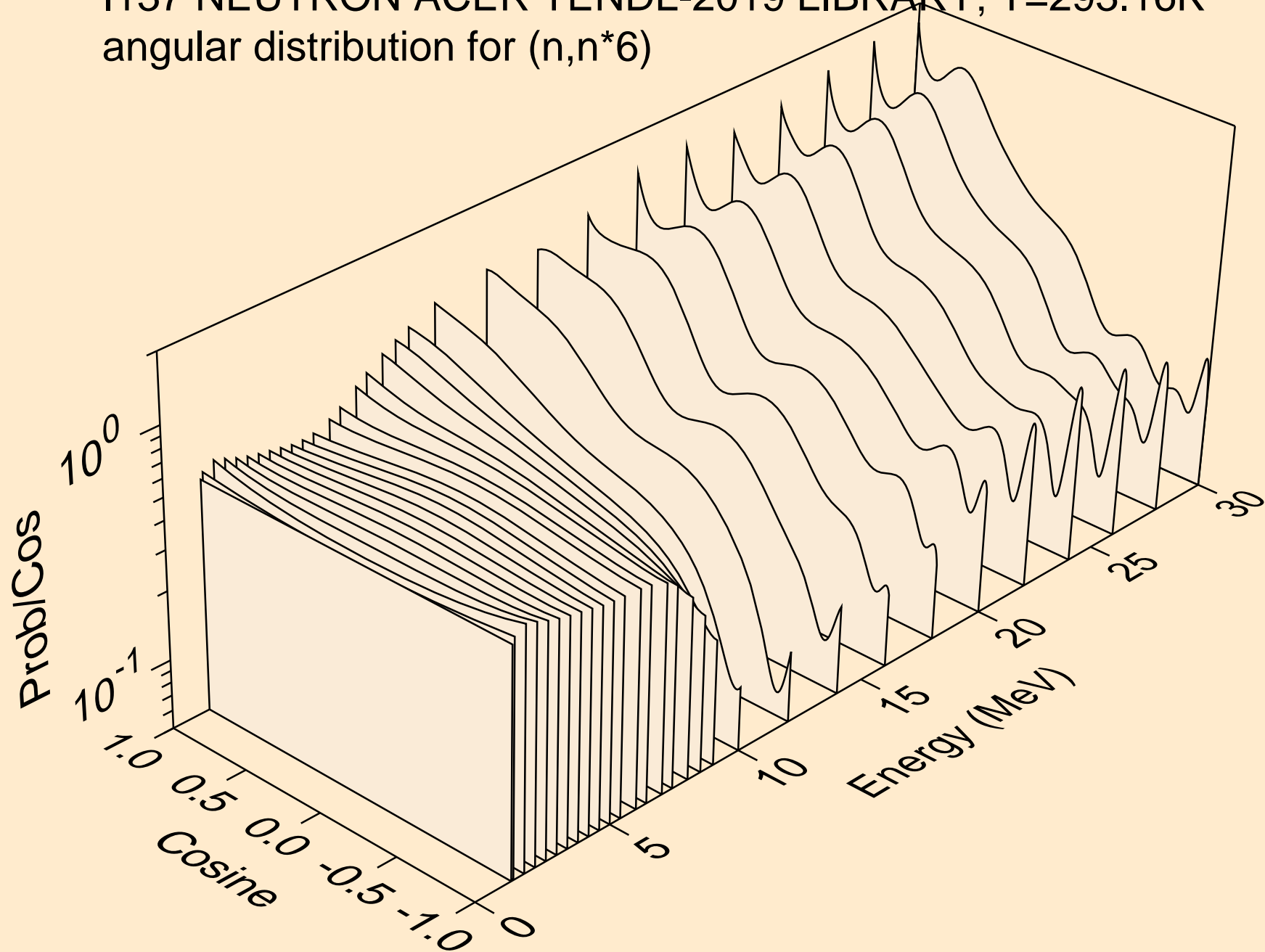
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angular distribution for (n,n\*4)



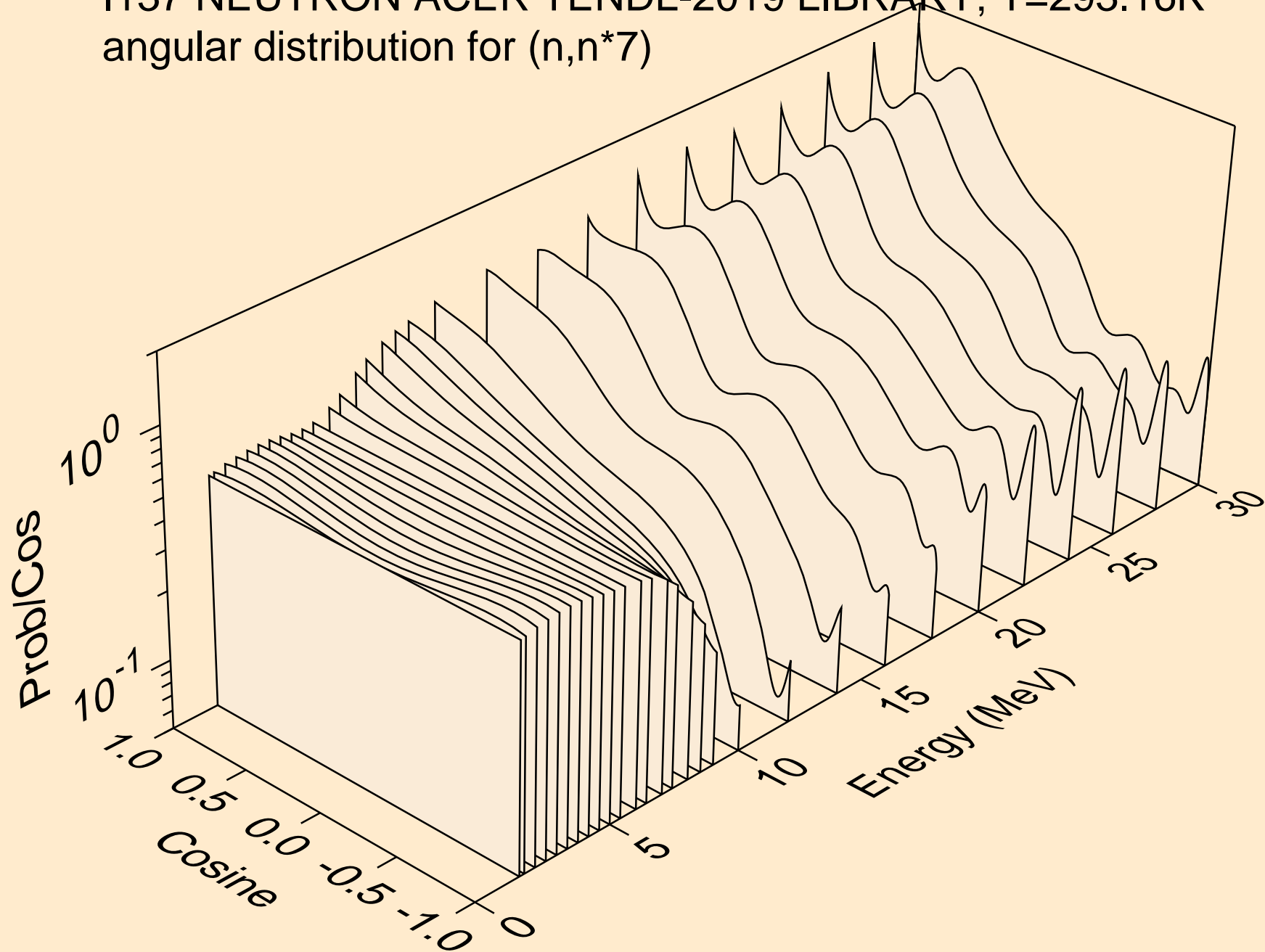
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angular distribution for (n,n\*5)



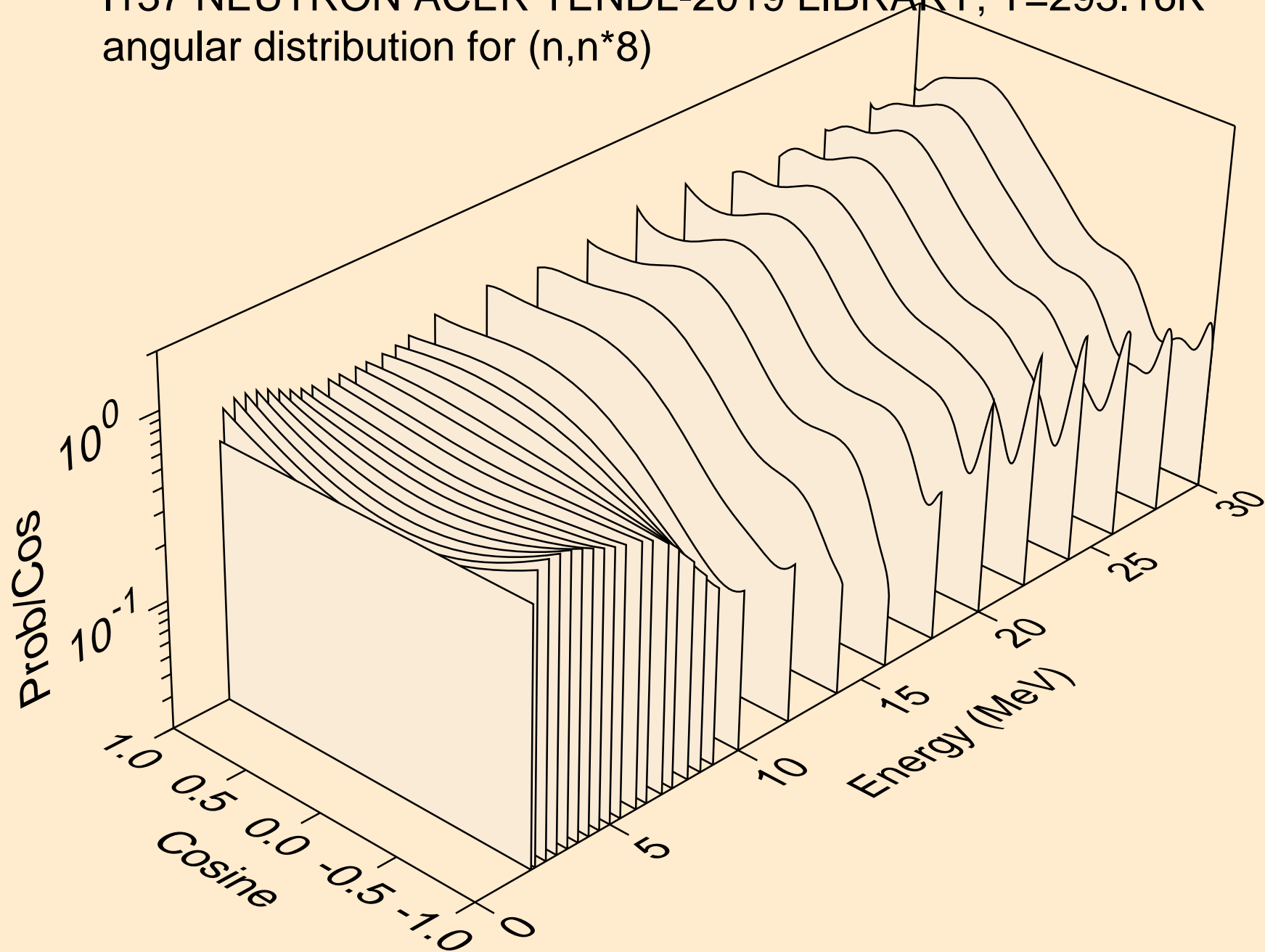
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angular distribution for (n,n\*6)



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)

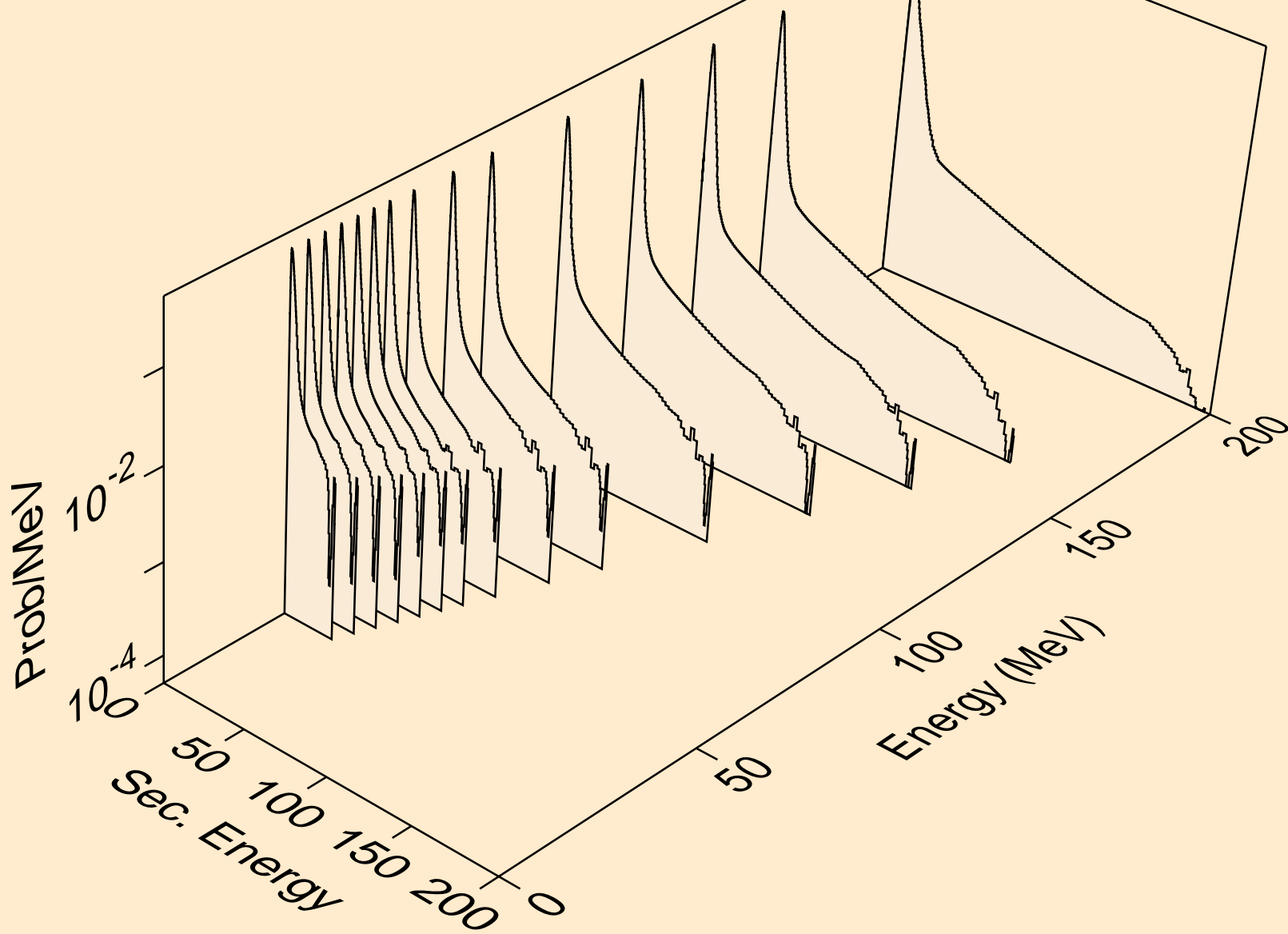


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angular distribution for (n,n\*8)

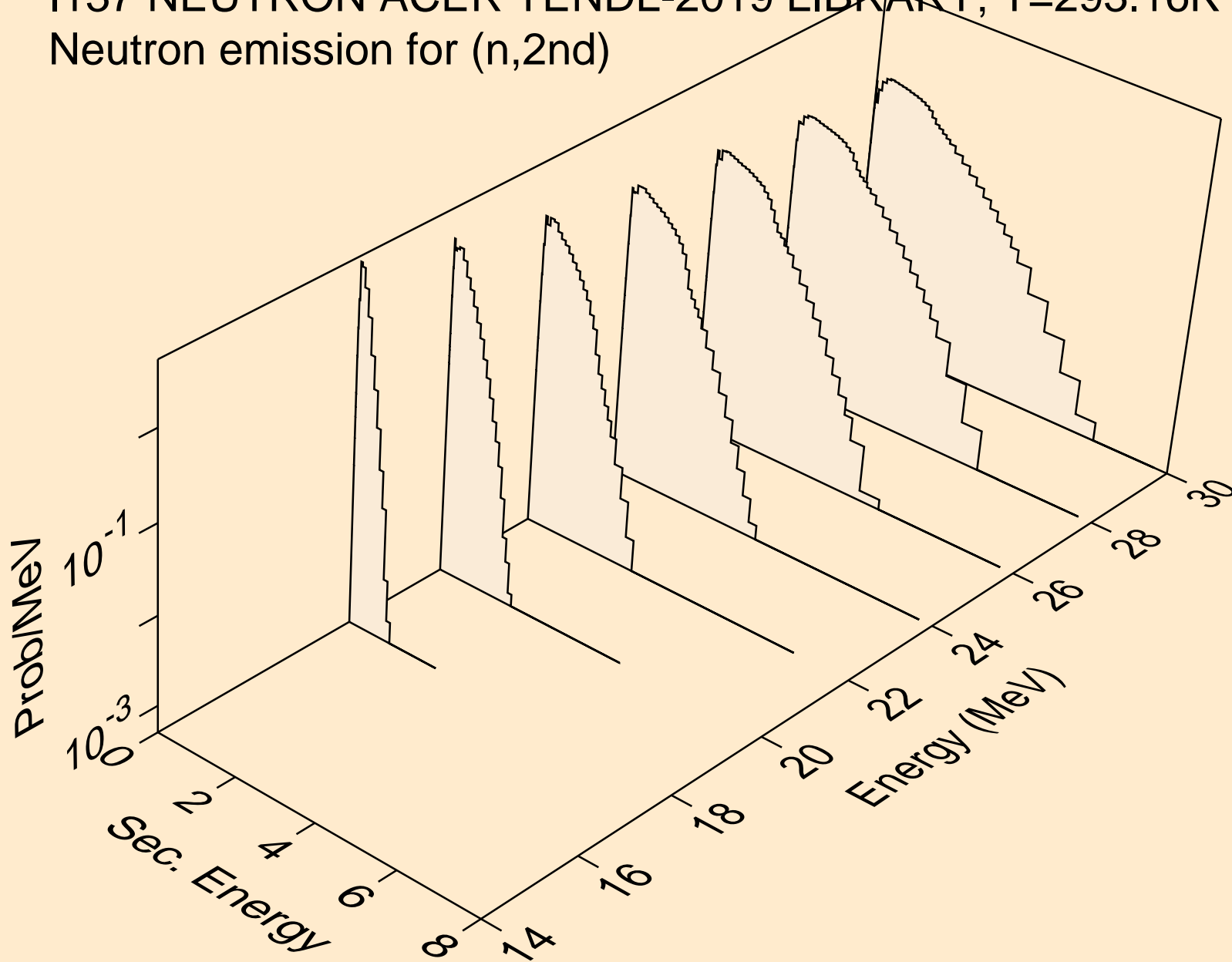




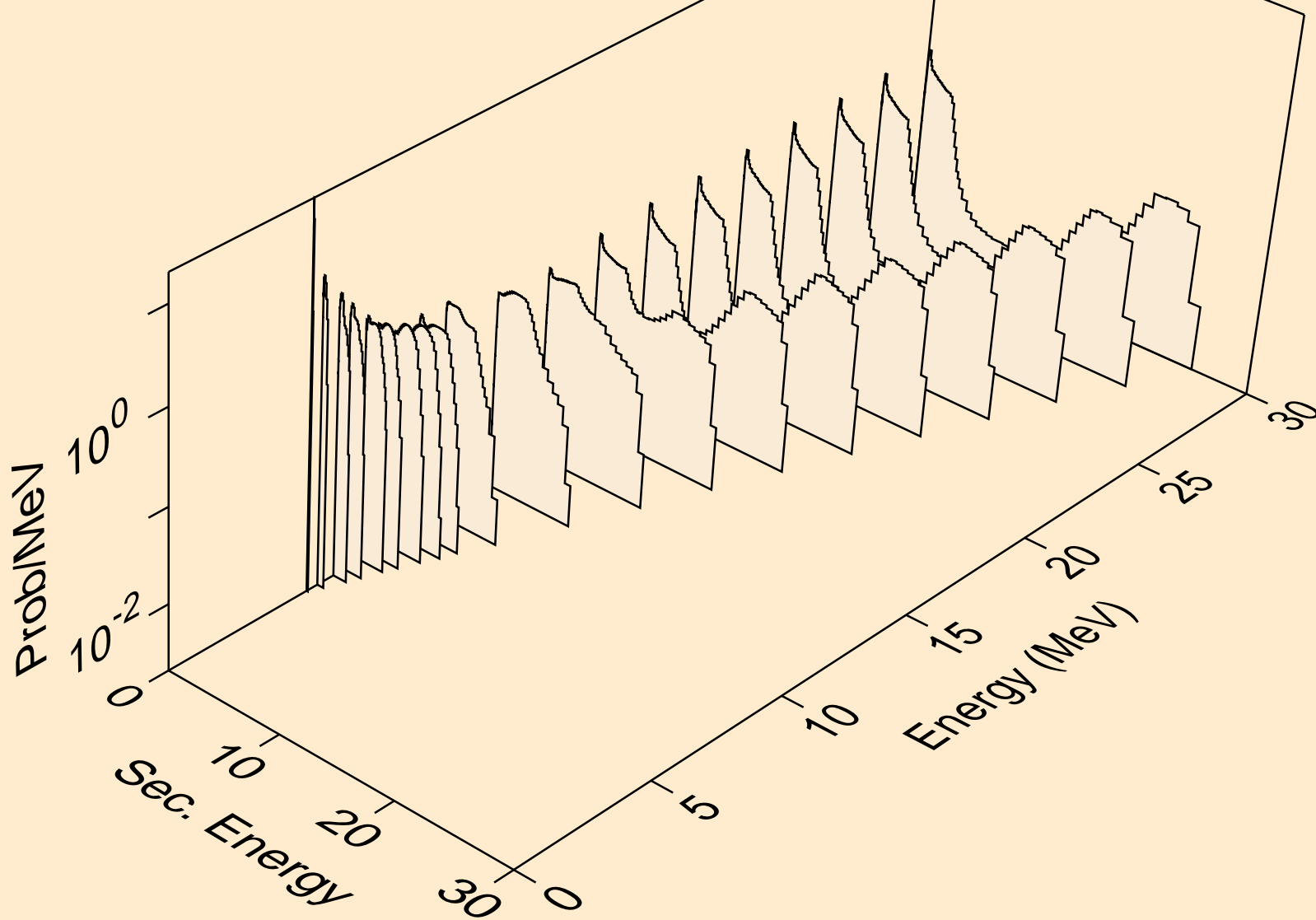
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Neutron emission for (n,x)



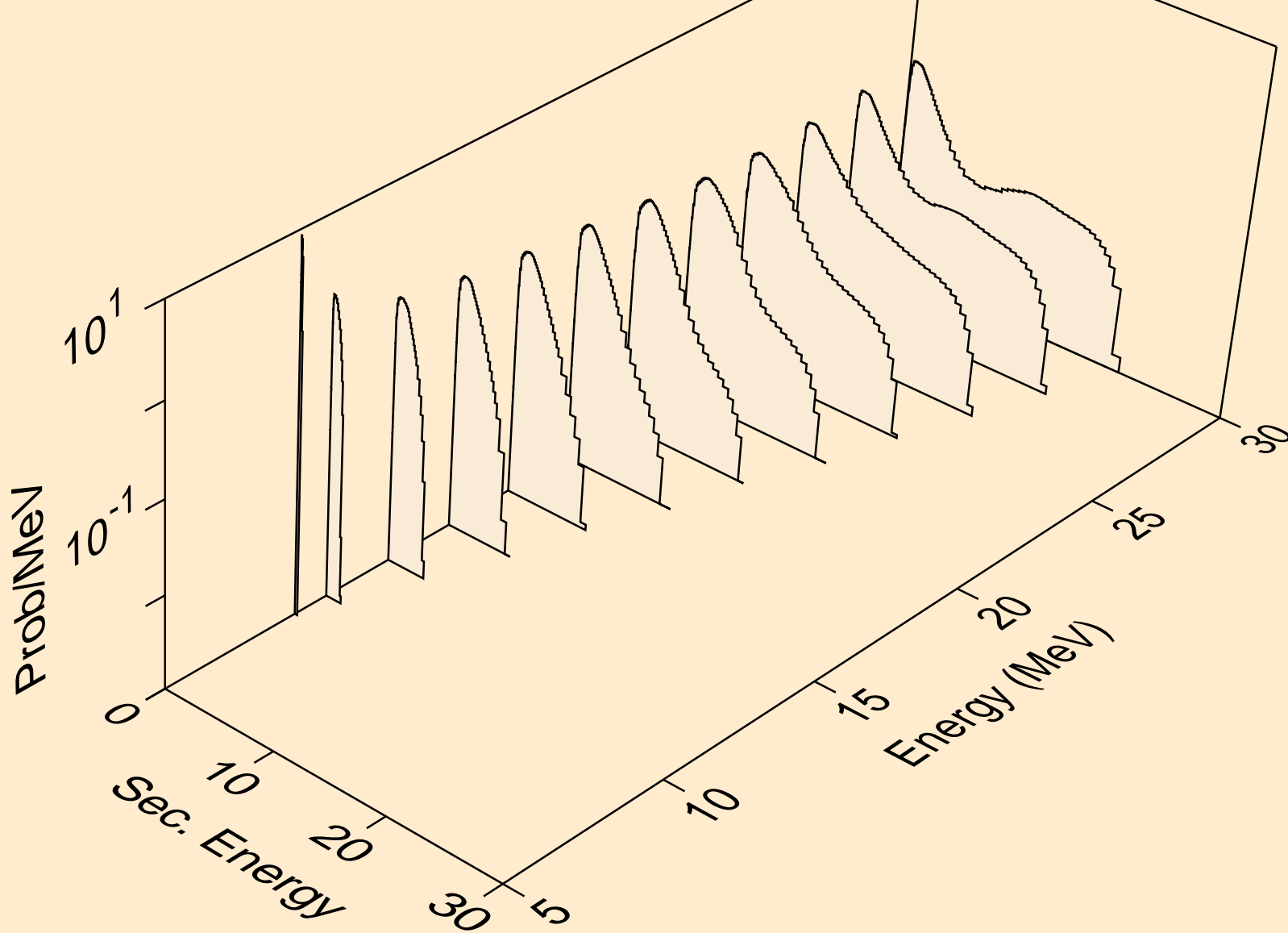
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Neutron emission for (n,2nd)



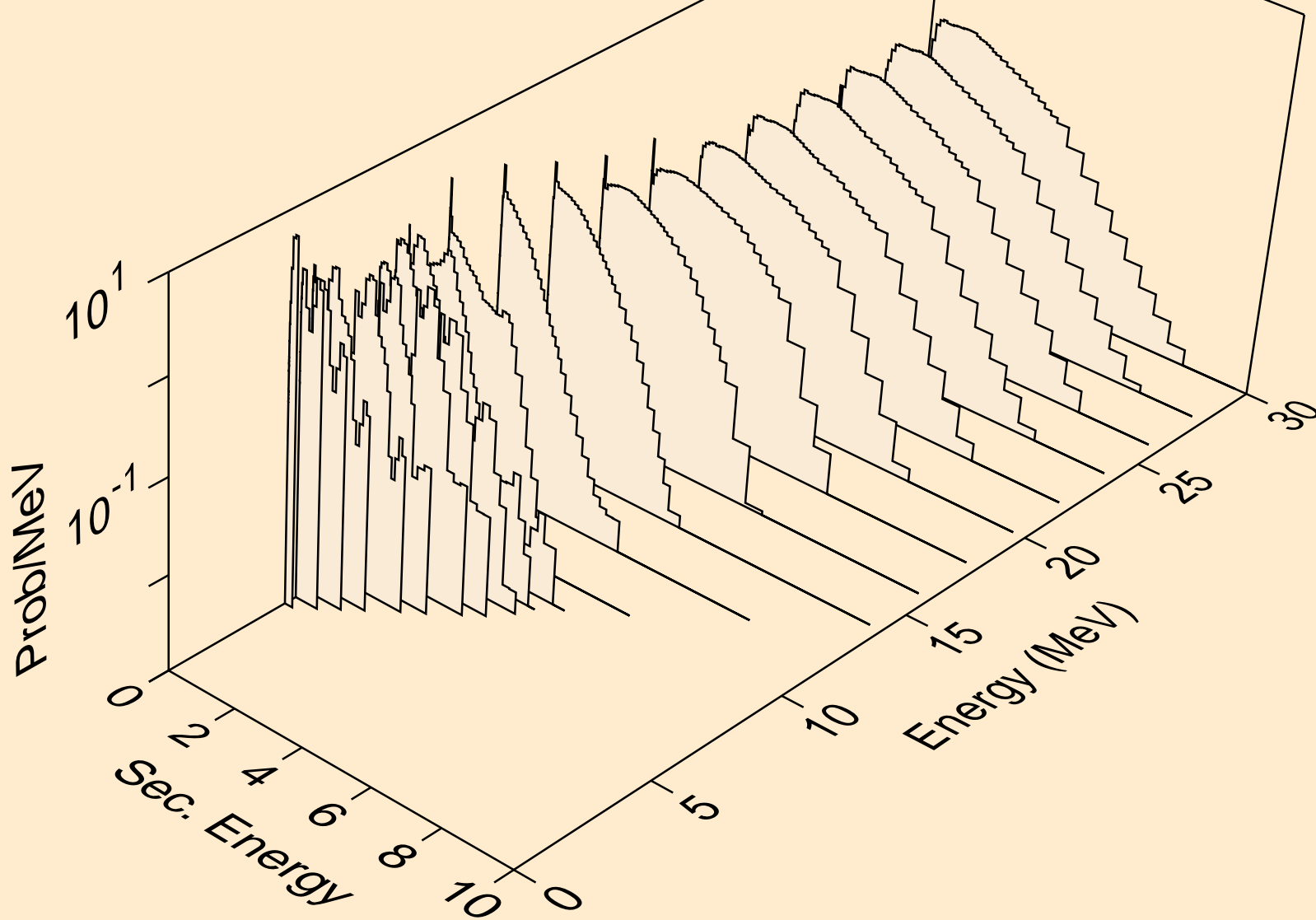
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Neutron emission for (n,2n)



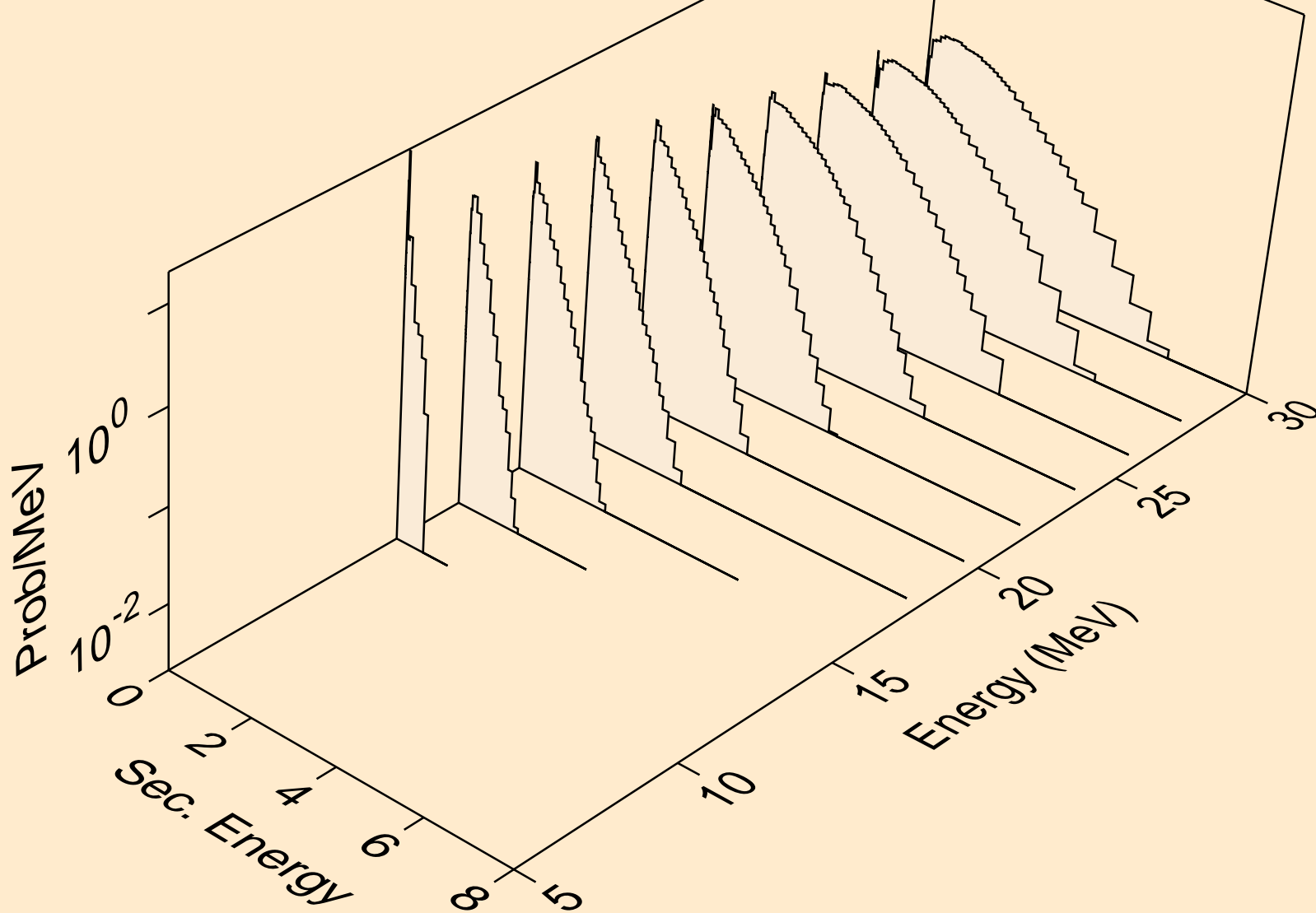
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Neutron emission for (n,3n)



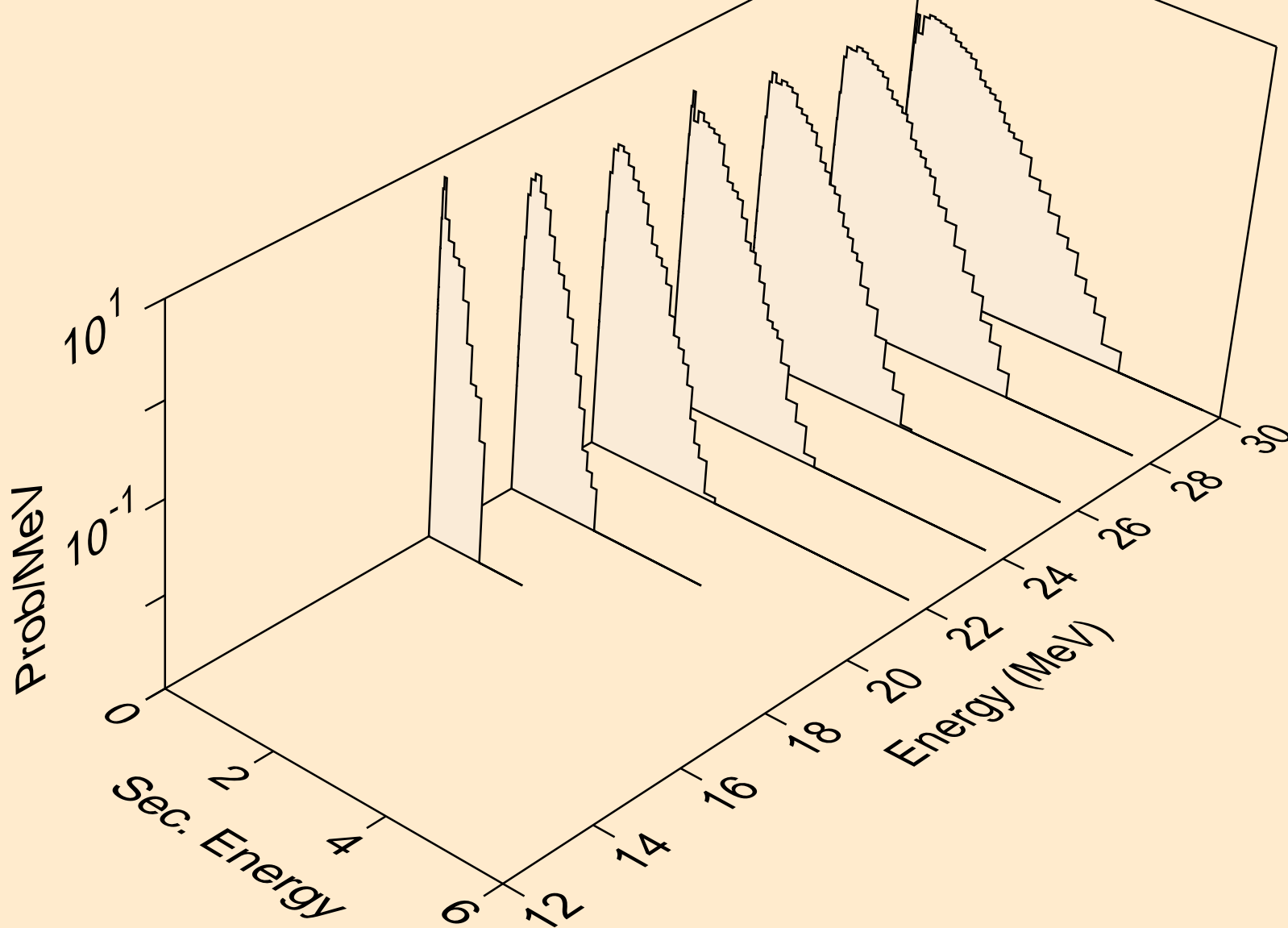
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Neutron emission for (n,n\*)a



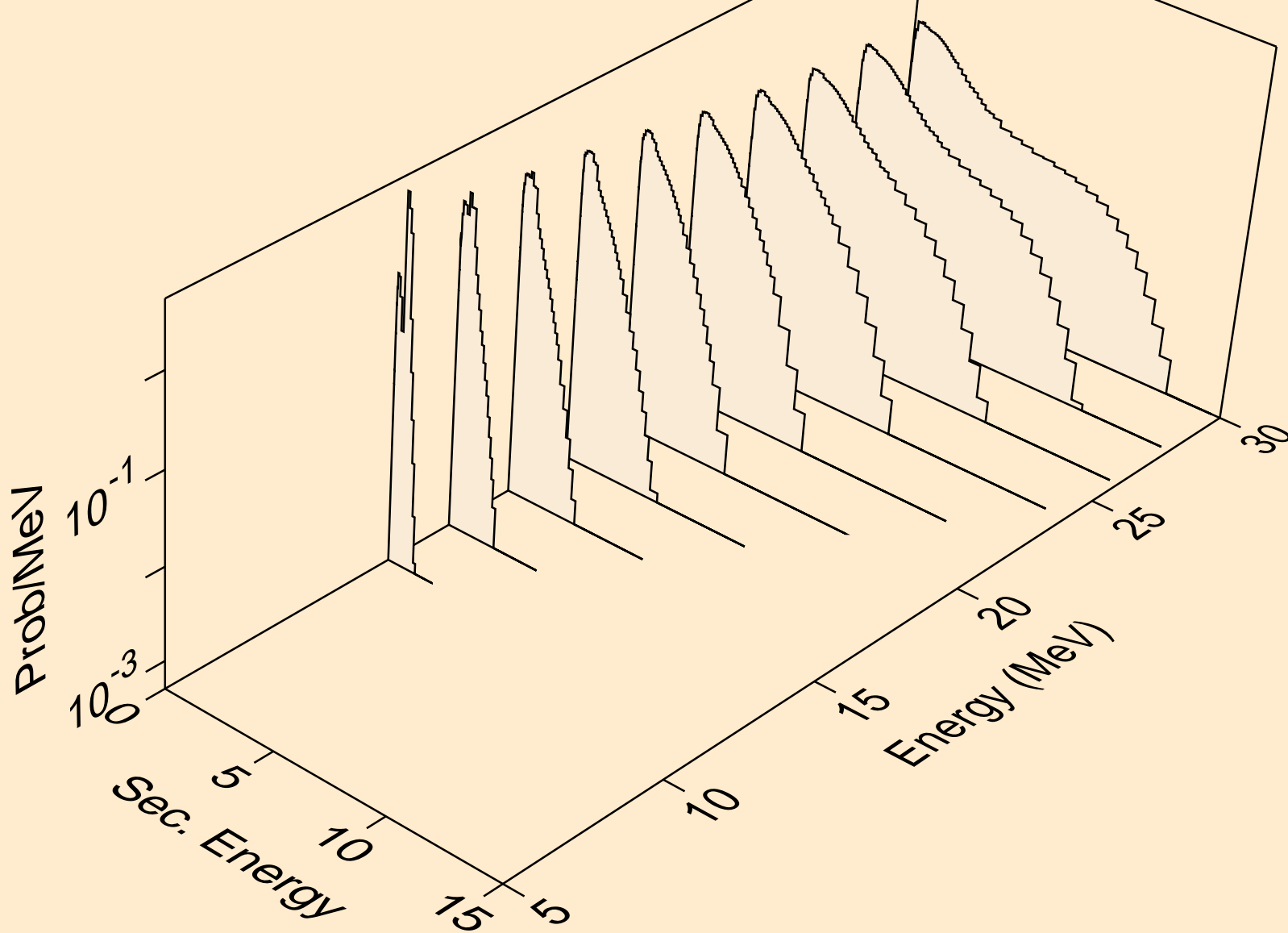
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a

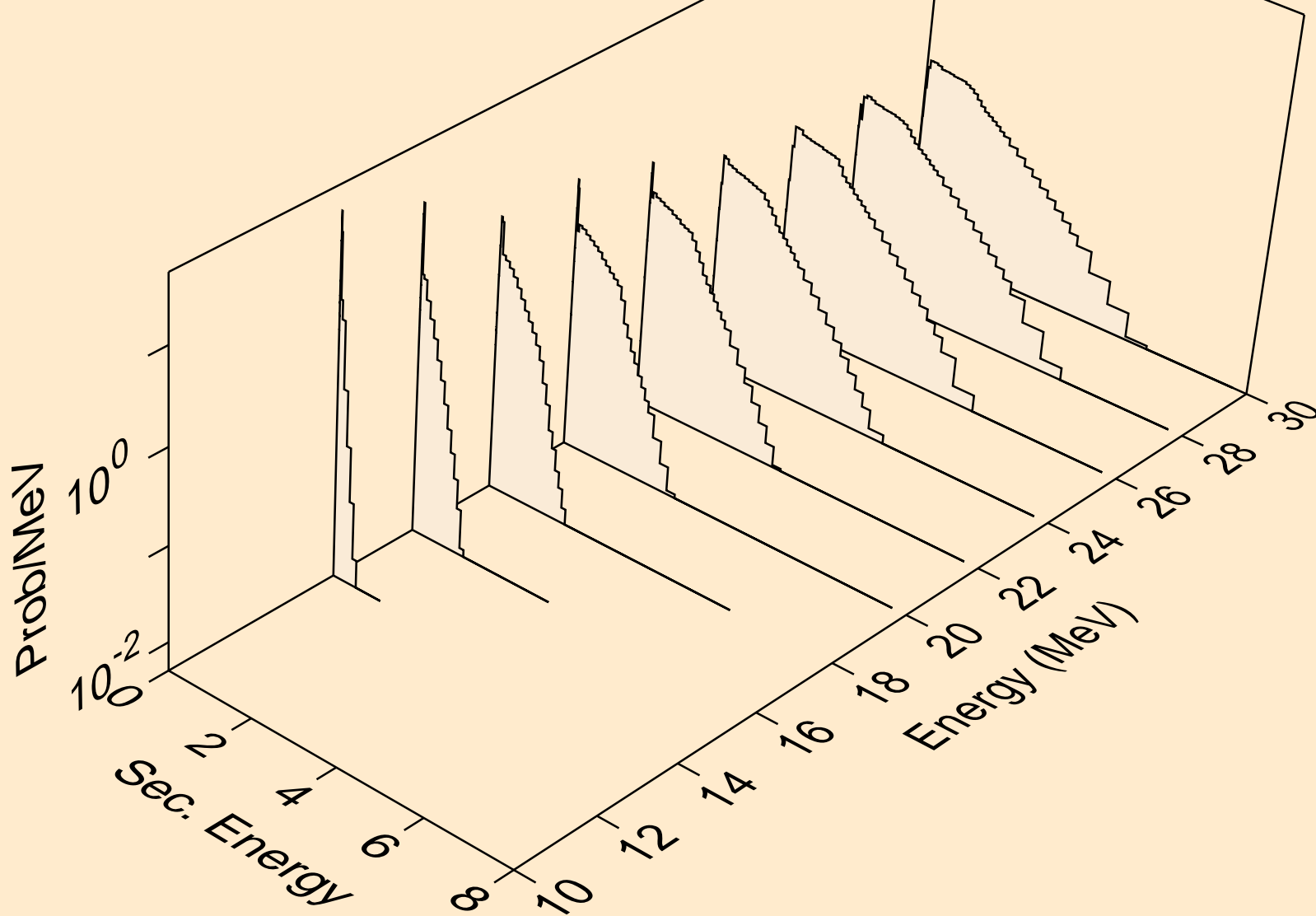


I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p

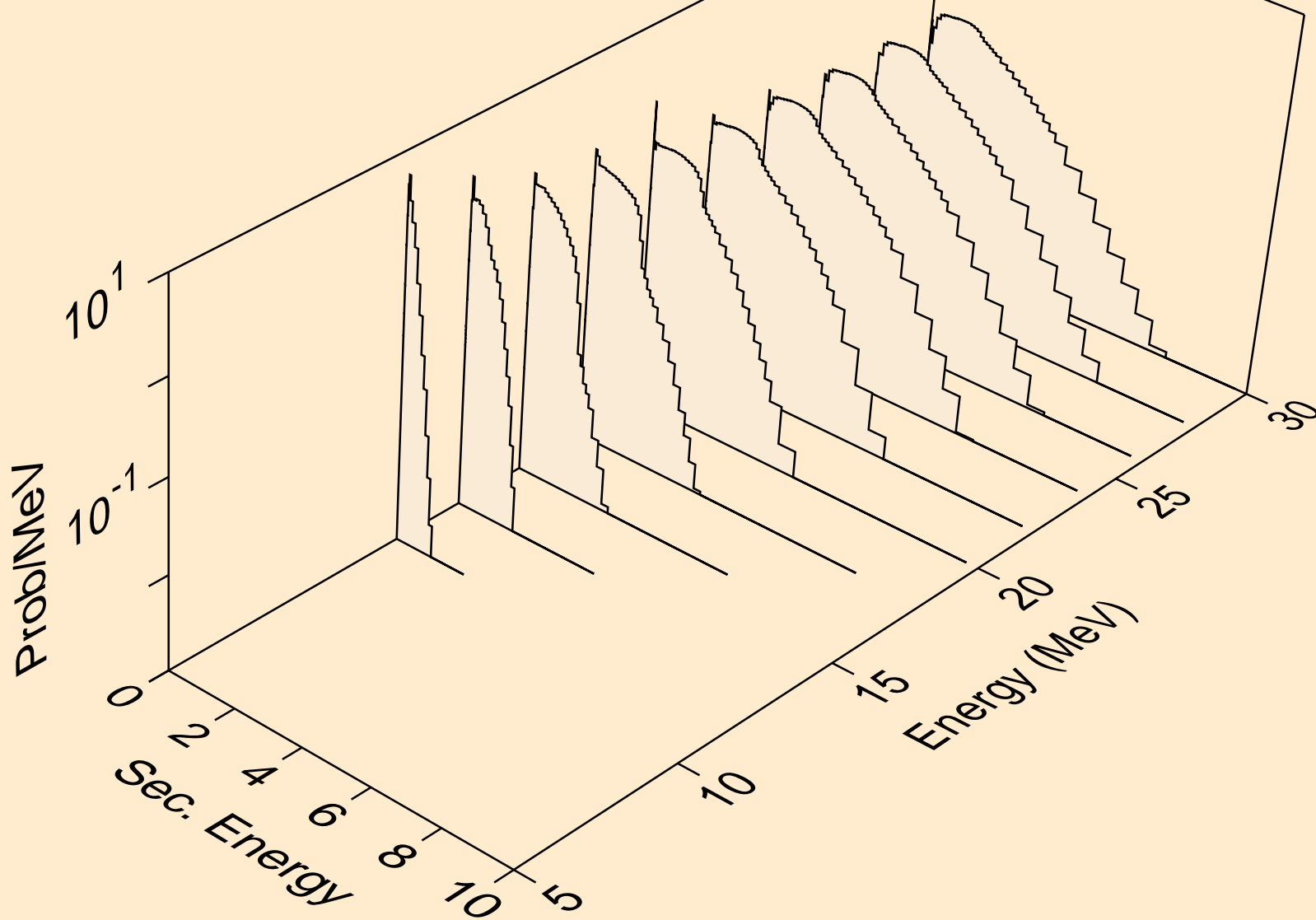




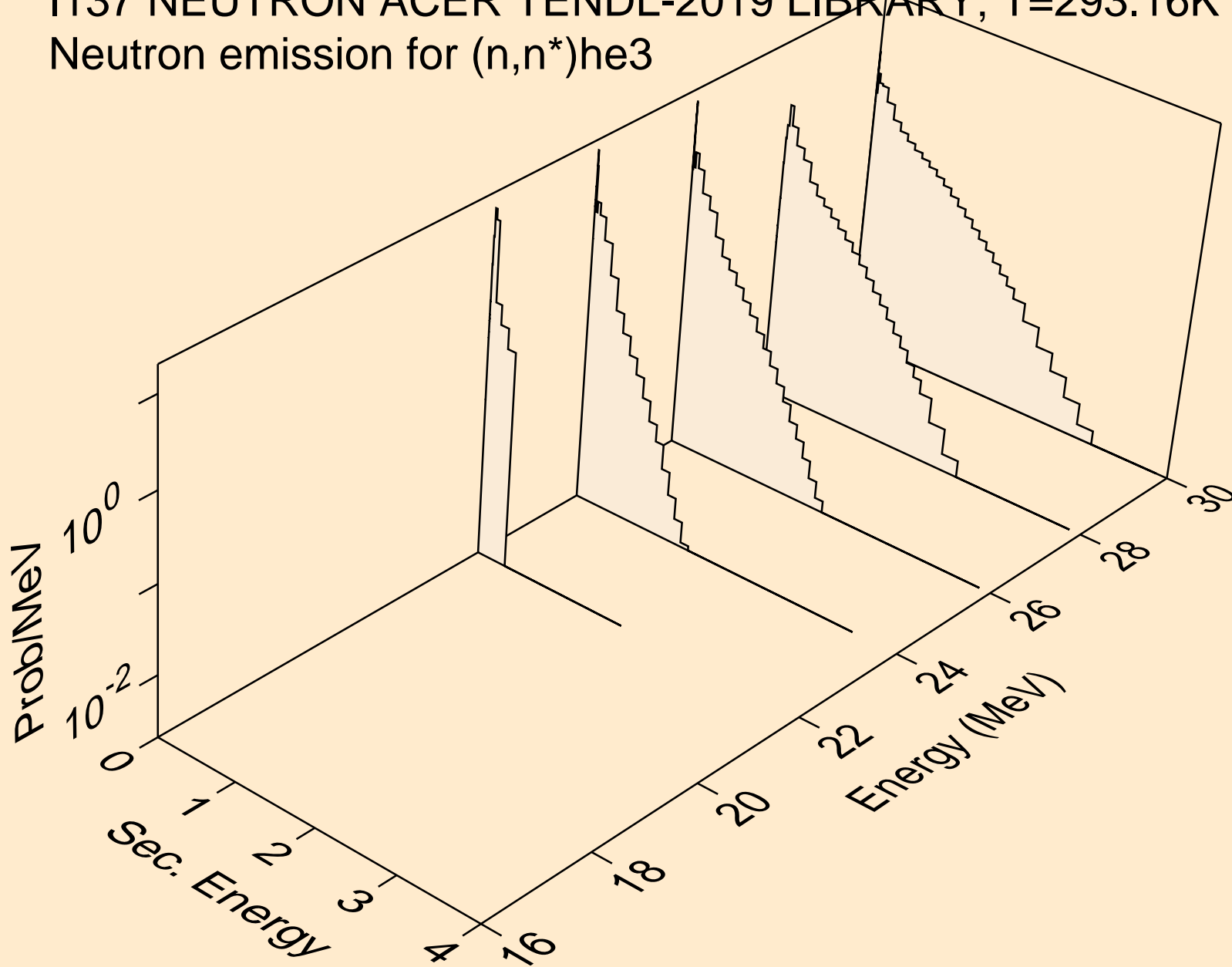
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



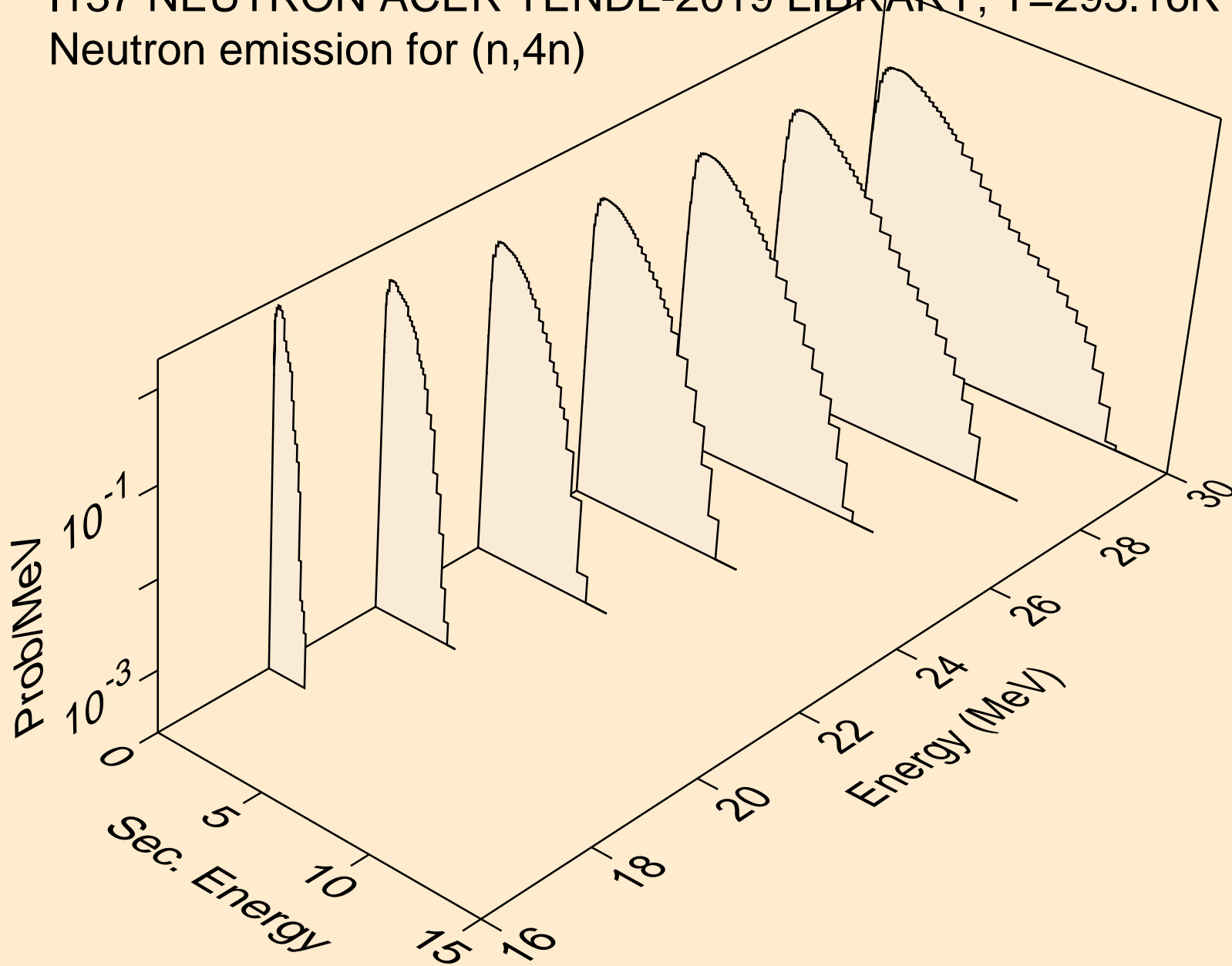
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Neutron emission for (n,n\*)t



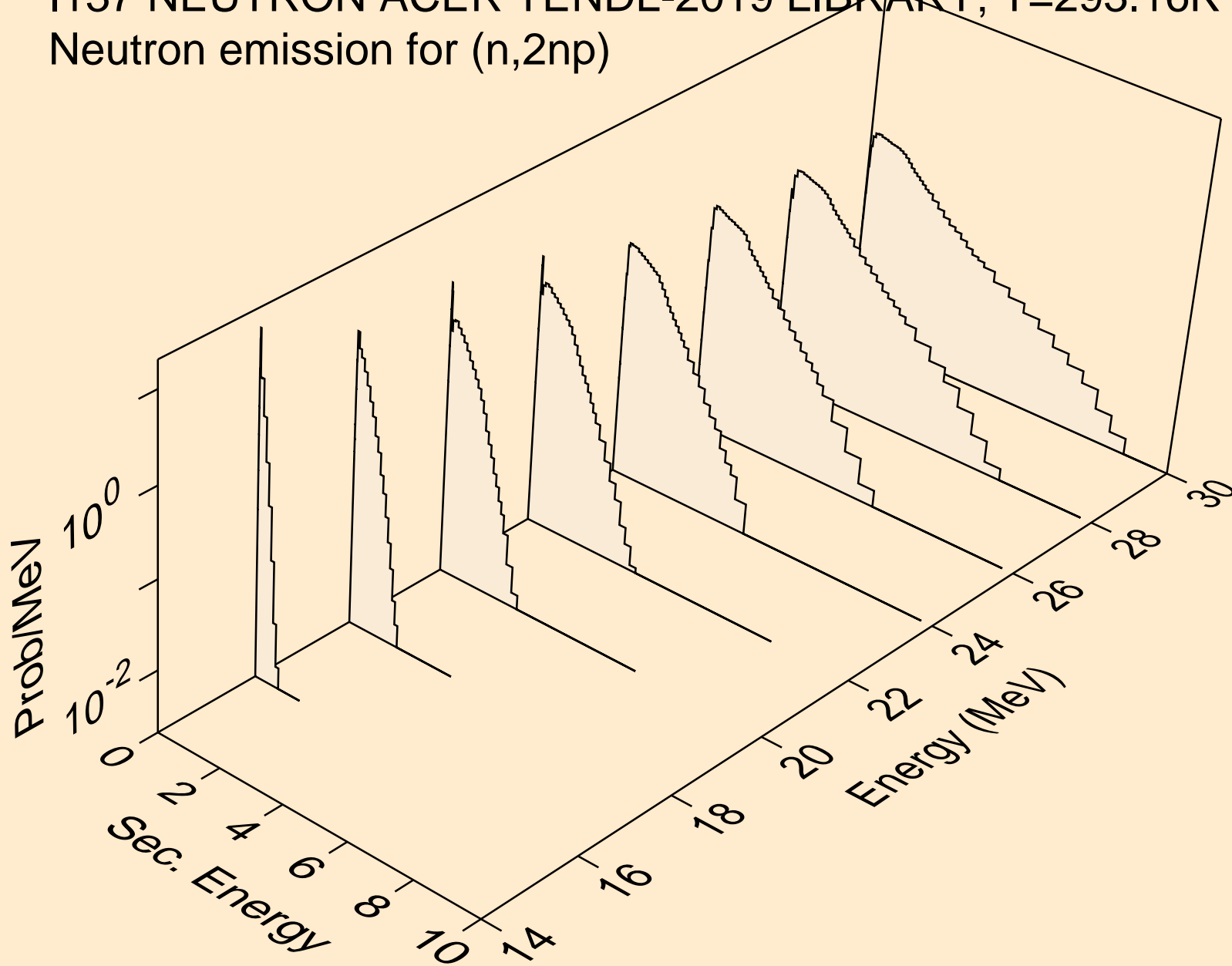
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Neutron emission for (n,n\*)he3



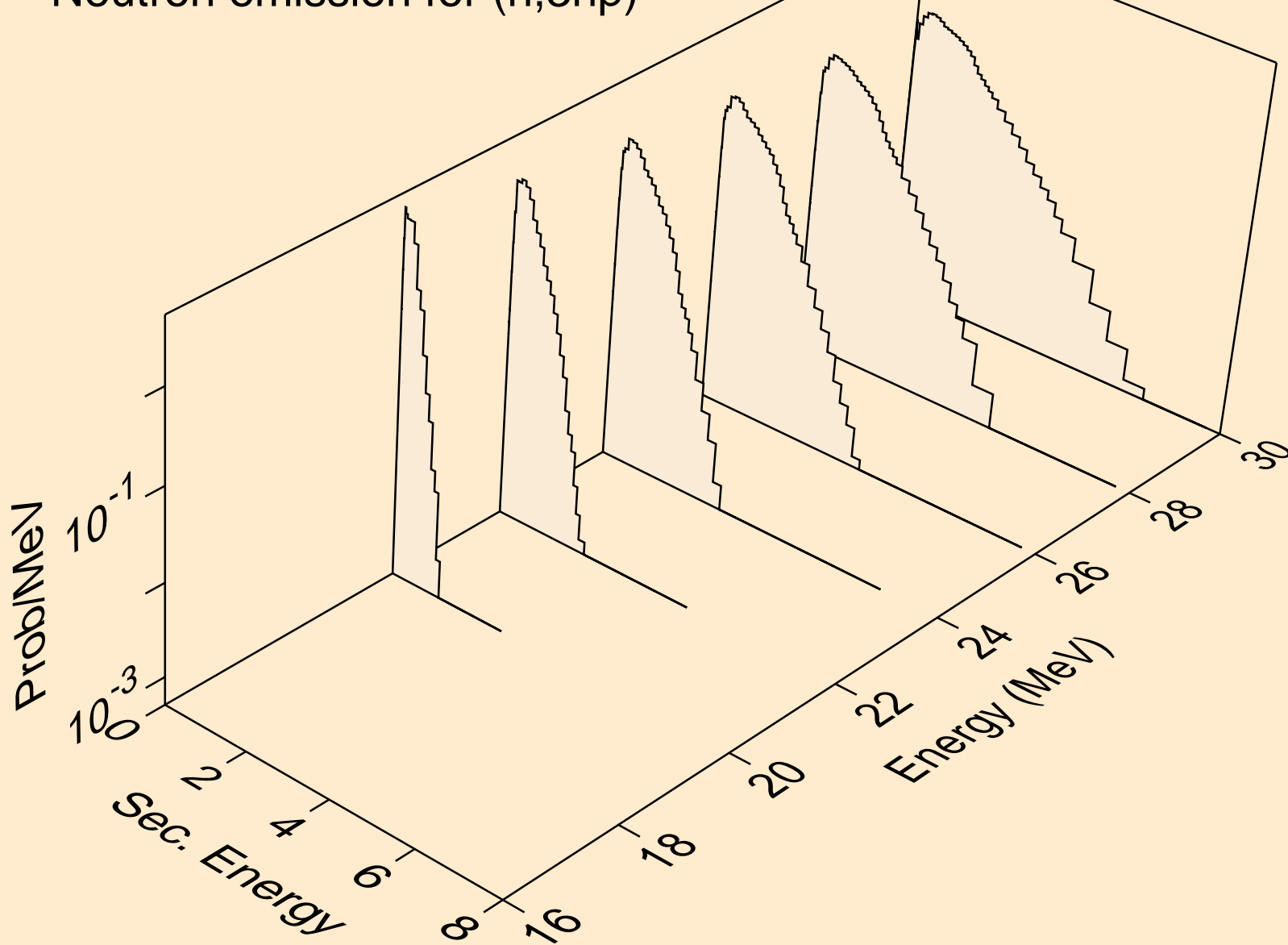
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Neutron emission for (n,4n)



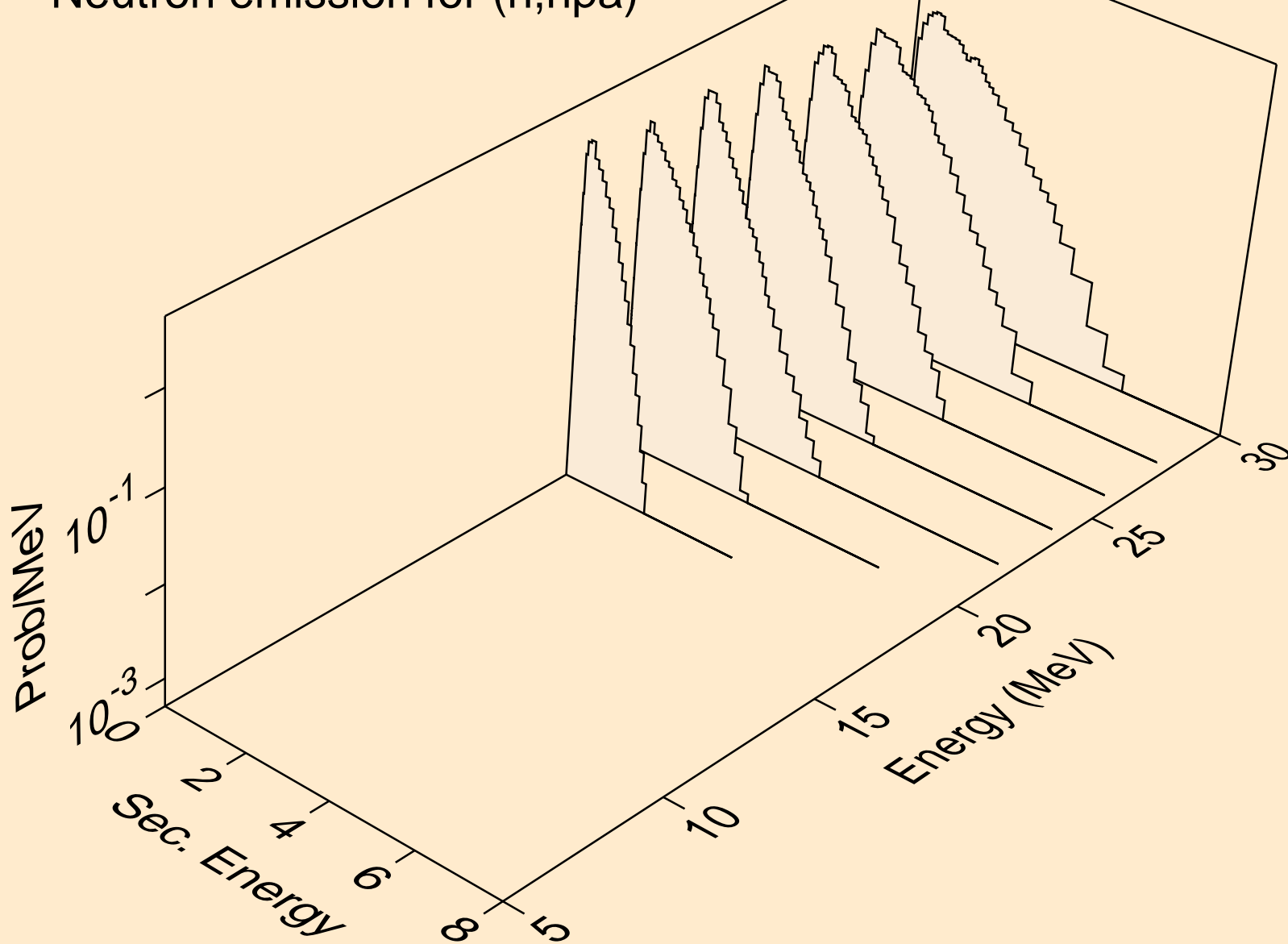
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Neutron emission for (n,2np)



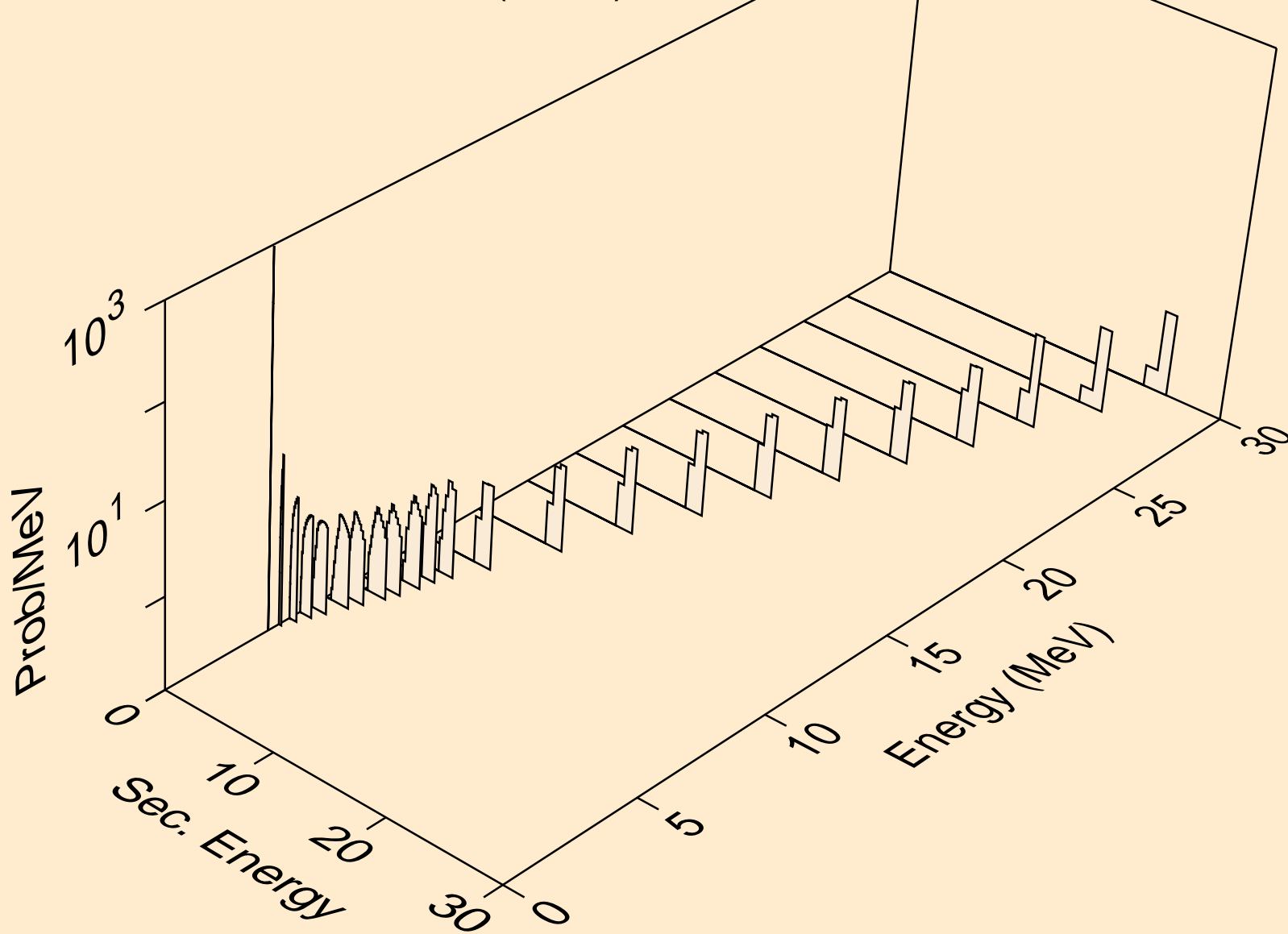
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Neutron emission for (n,3np)



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)

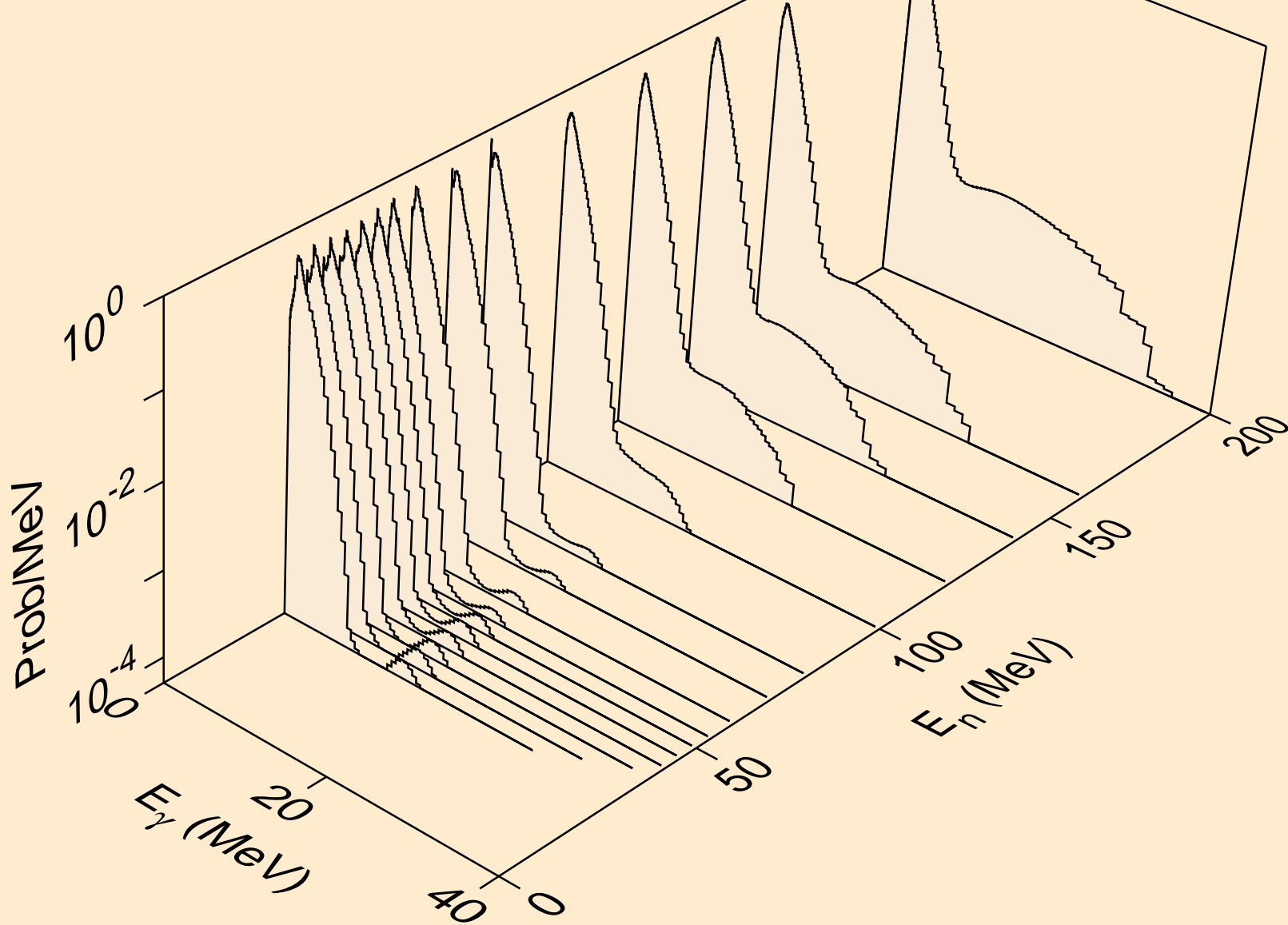


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Neutron emission for (n,n\*c)

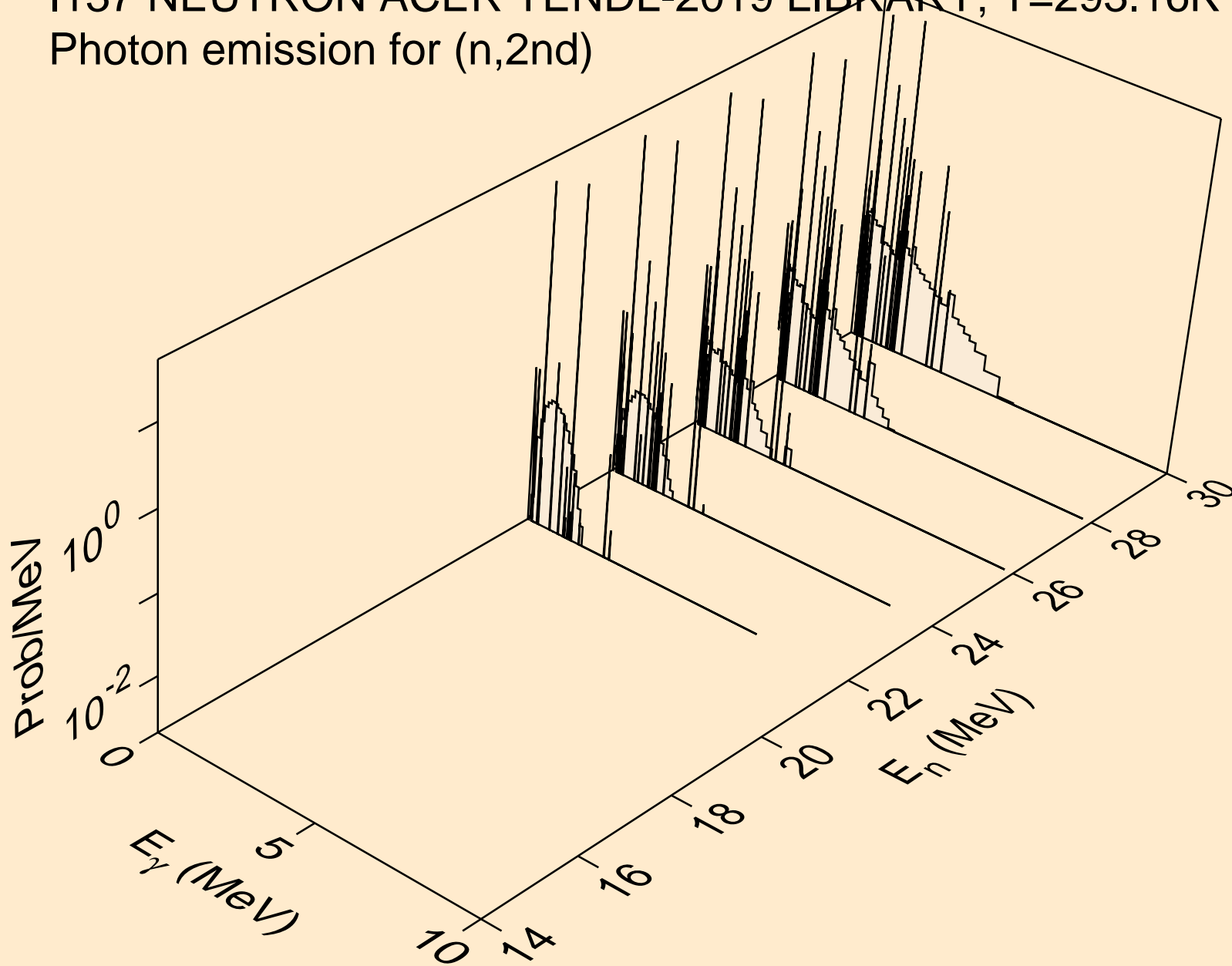




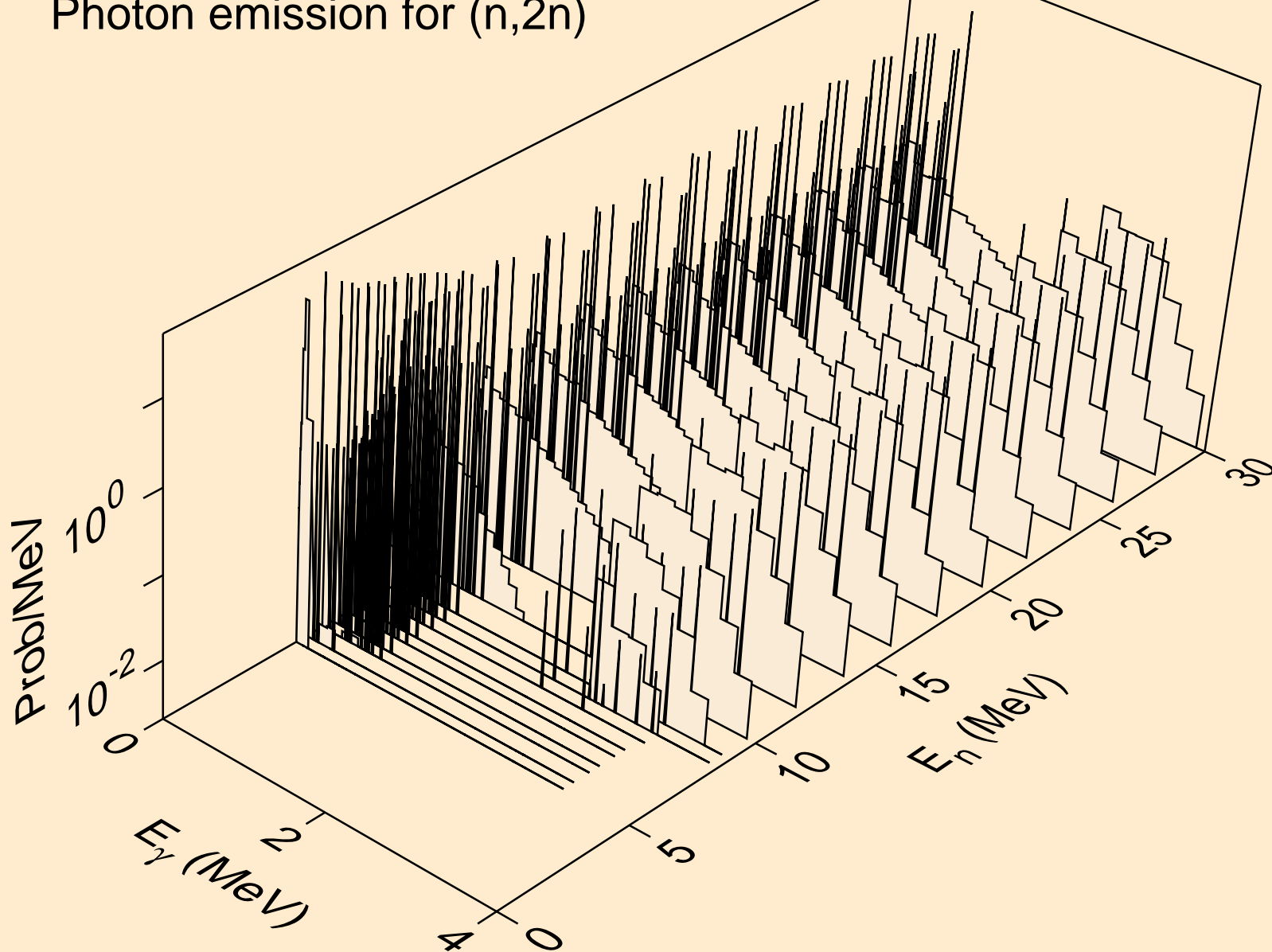
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Photon emission for (n,x)



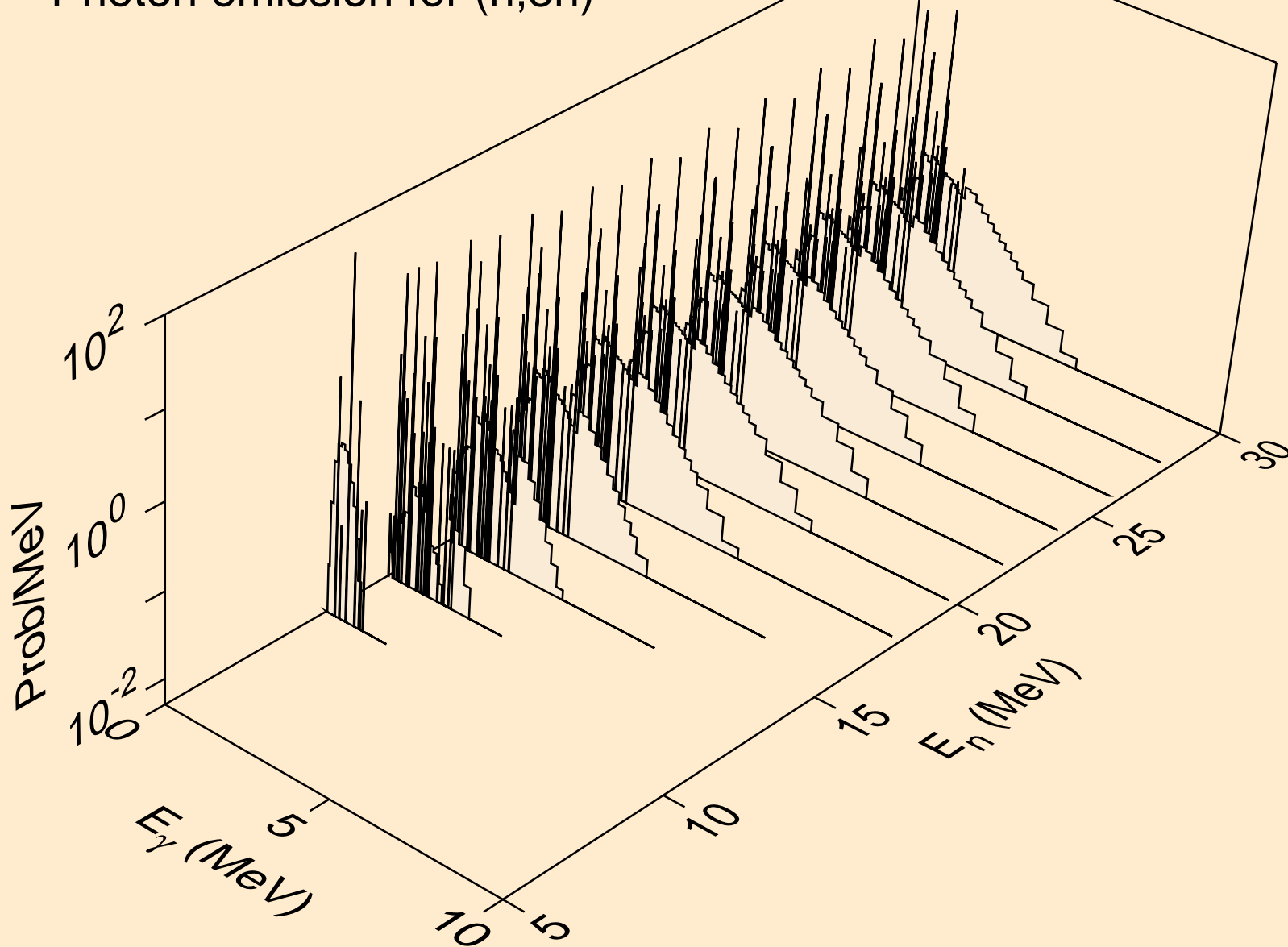
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Photon emission for (n,2nd)



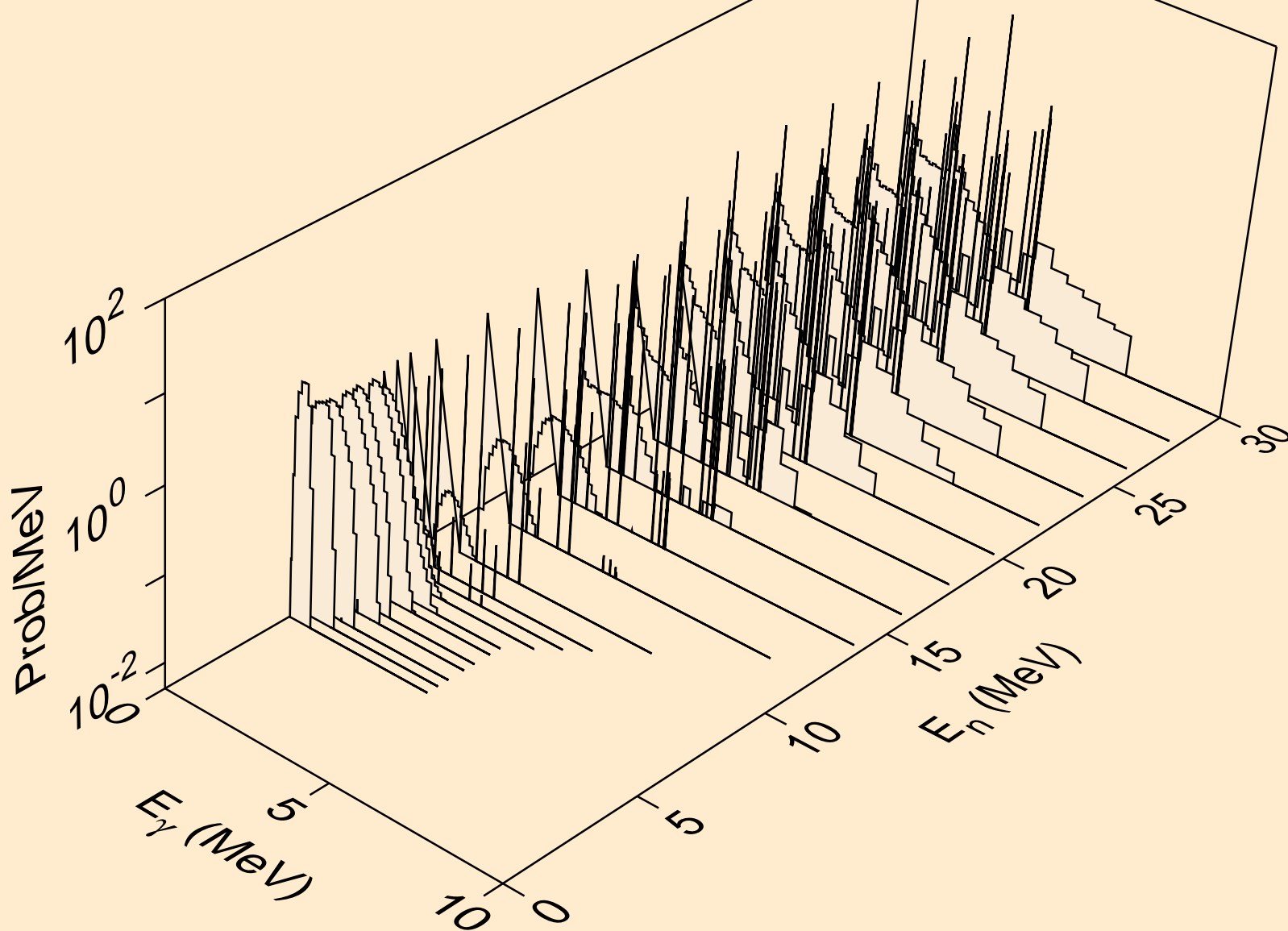
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Photon emission for (n,2n)



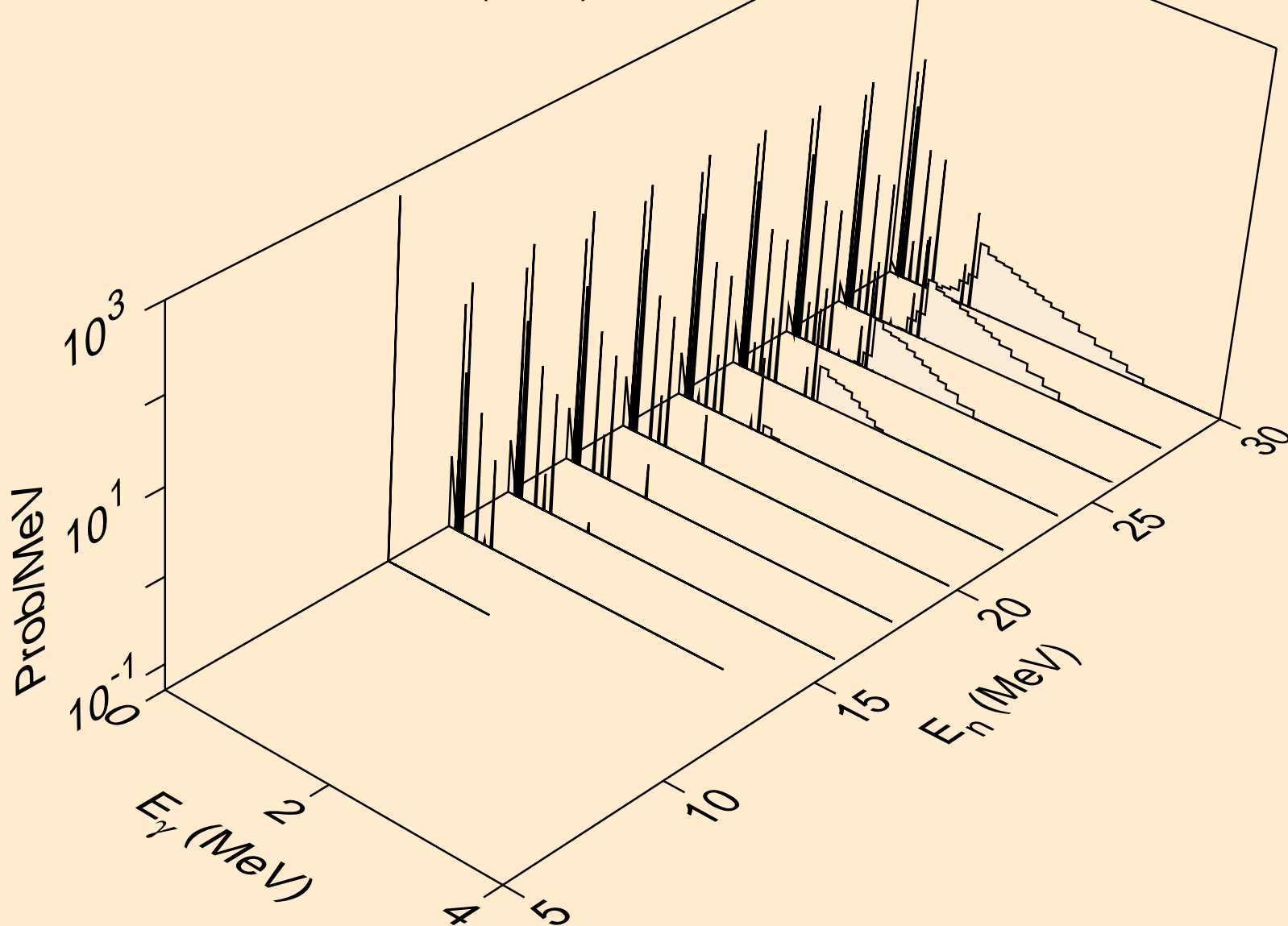
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Photon emission for (n,3n)



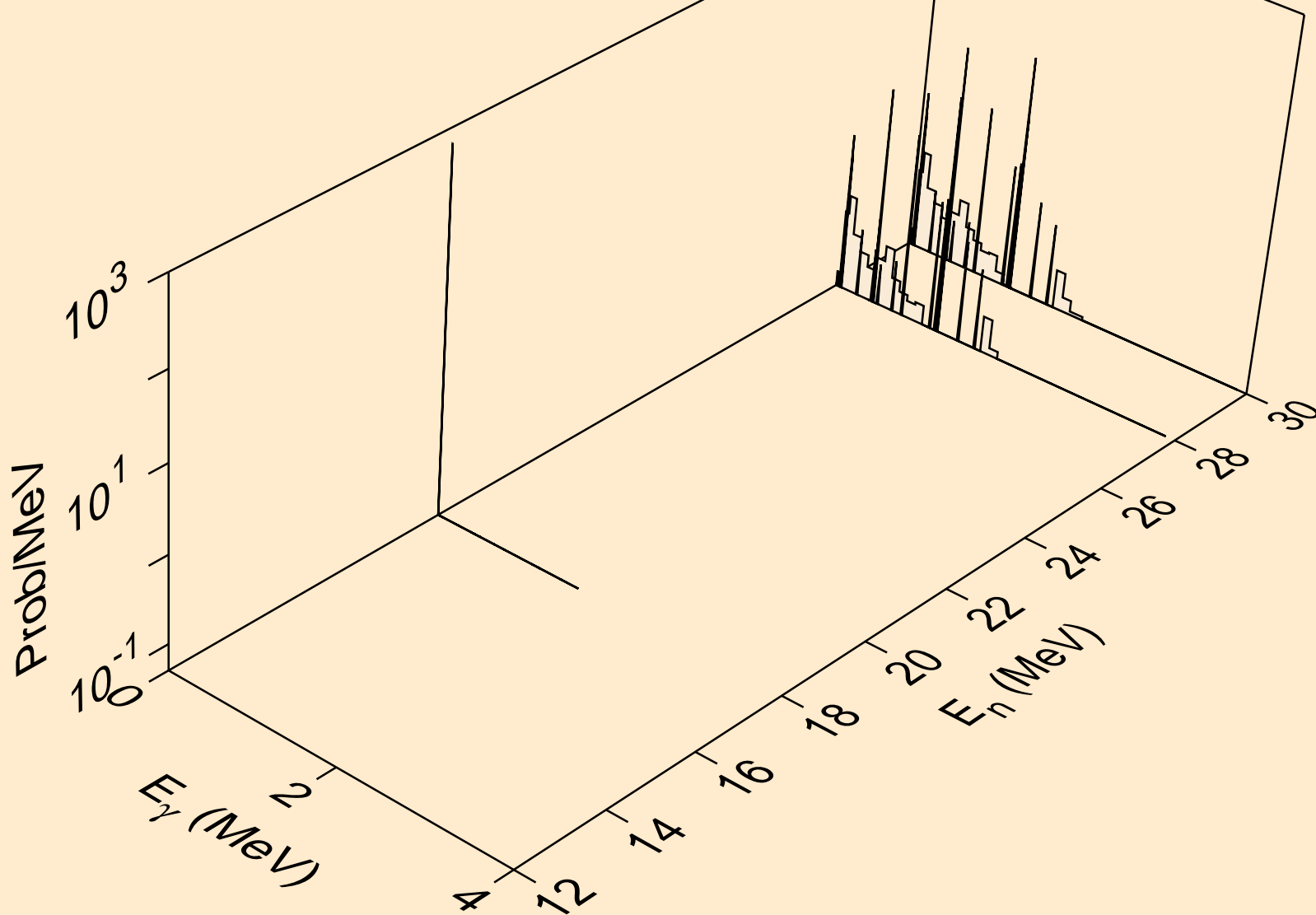
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Photon emission for (n,n\*)a



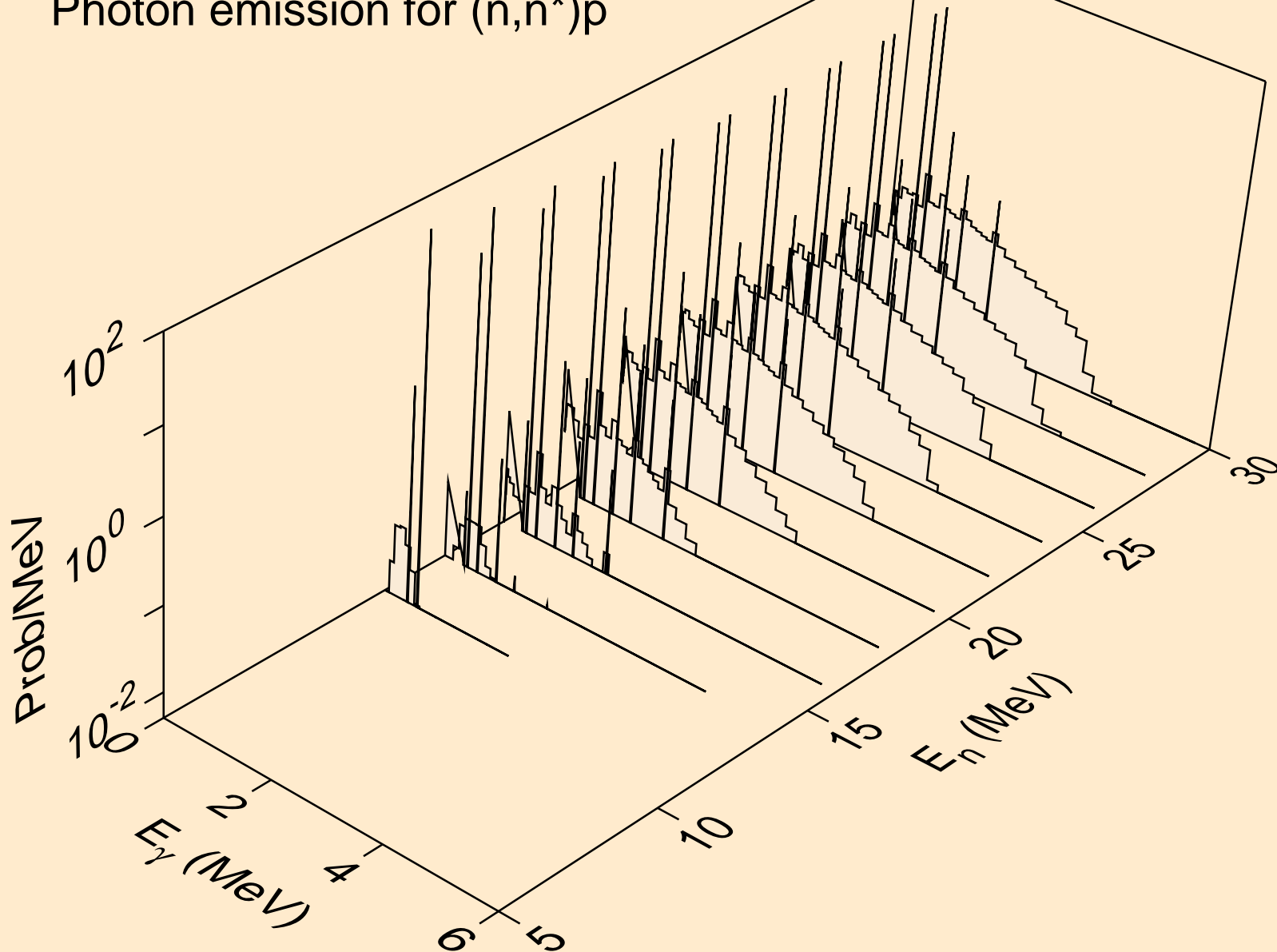
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Photon emission for (n,2n)a



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

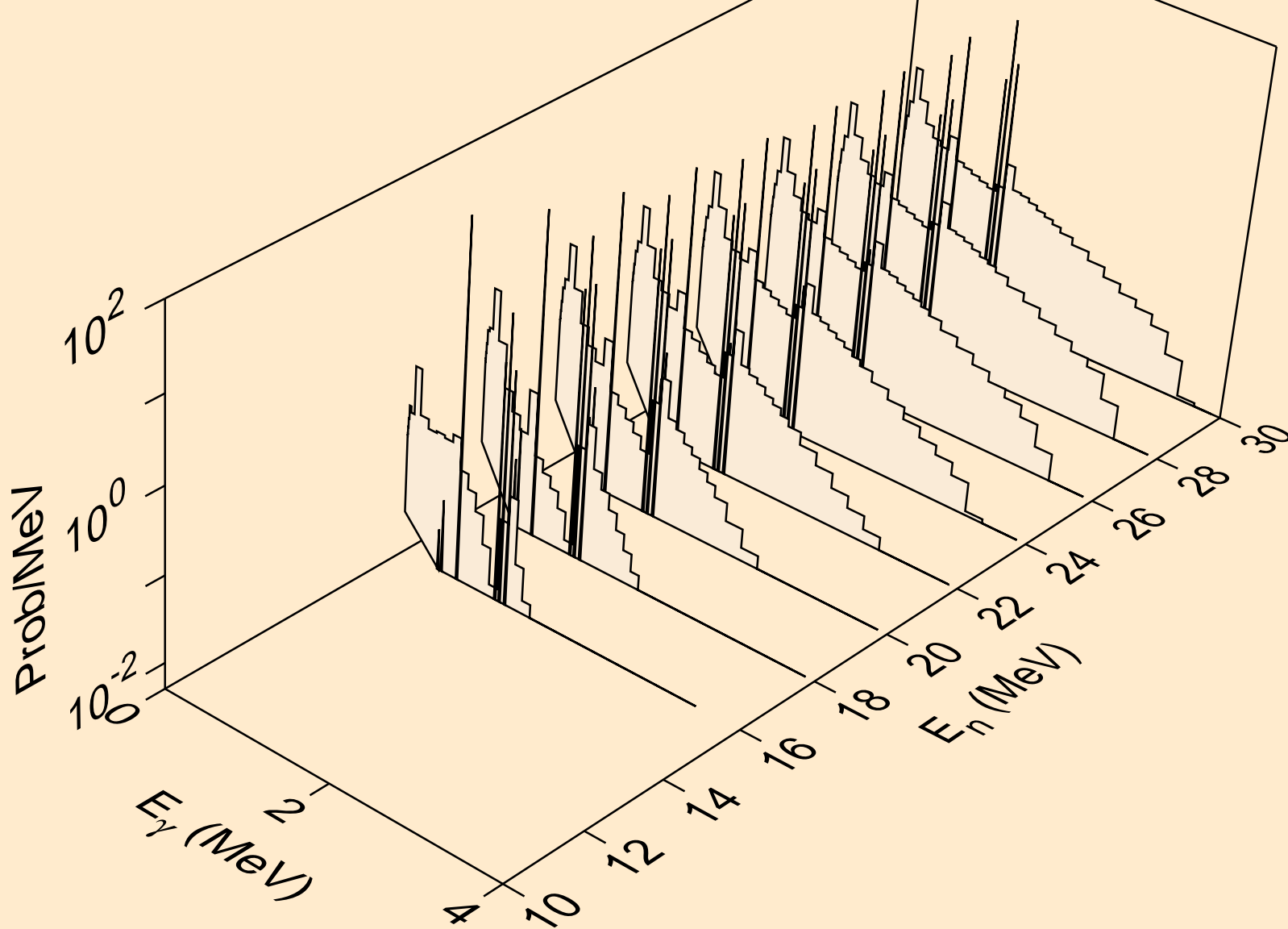


I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p

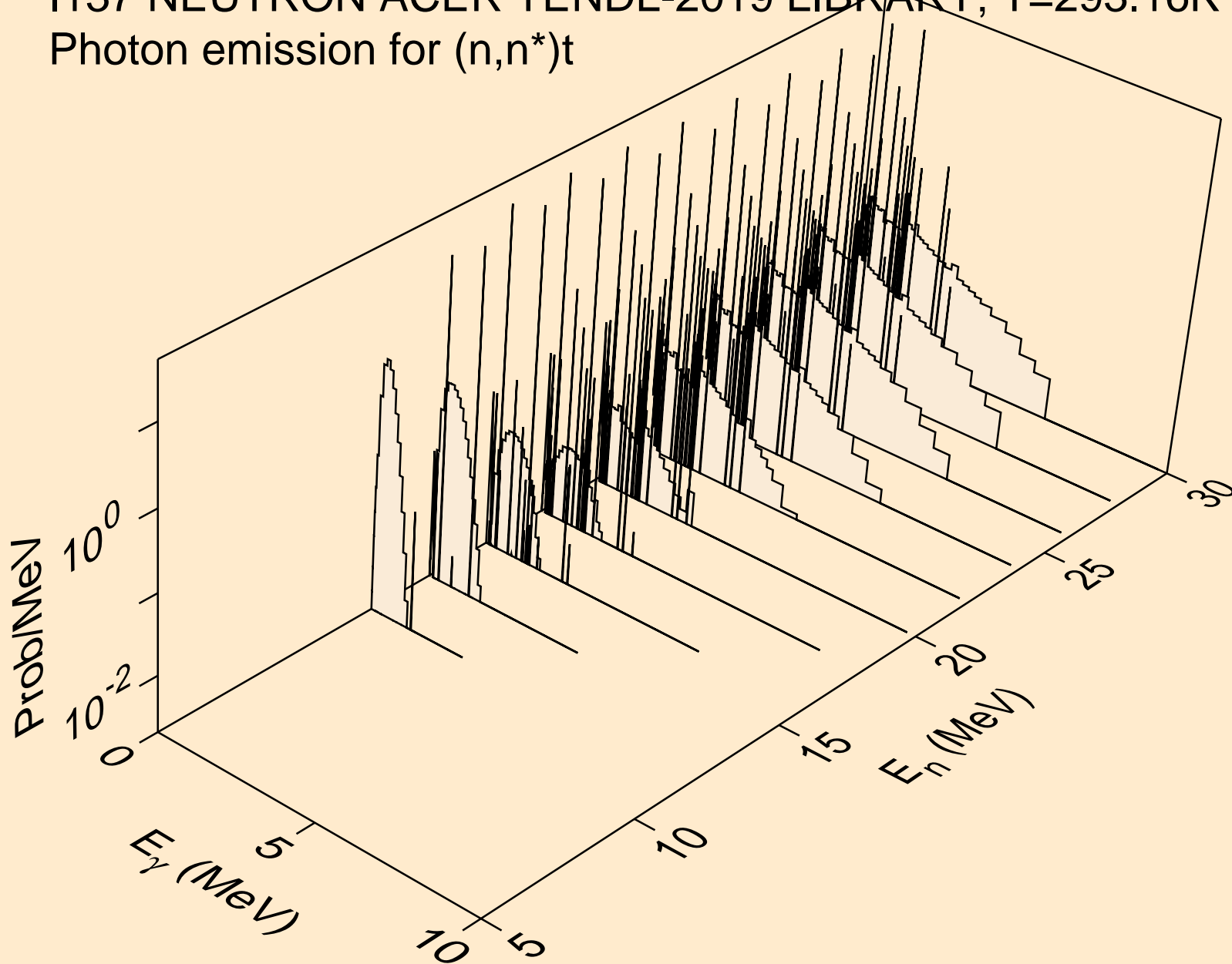




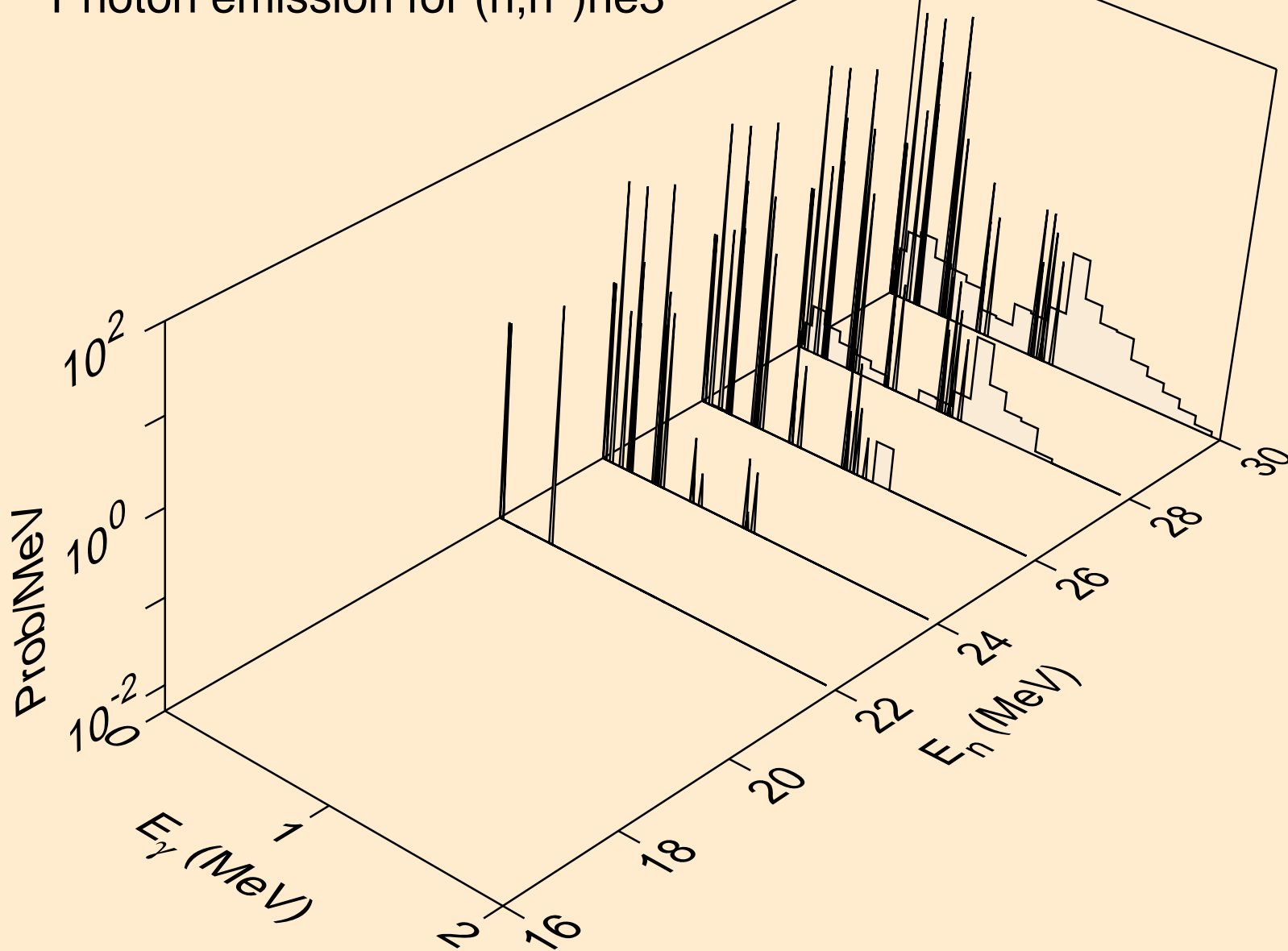
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Photon emission for (n,n\*)d



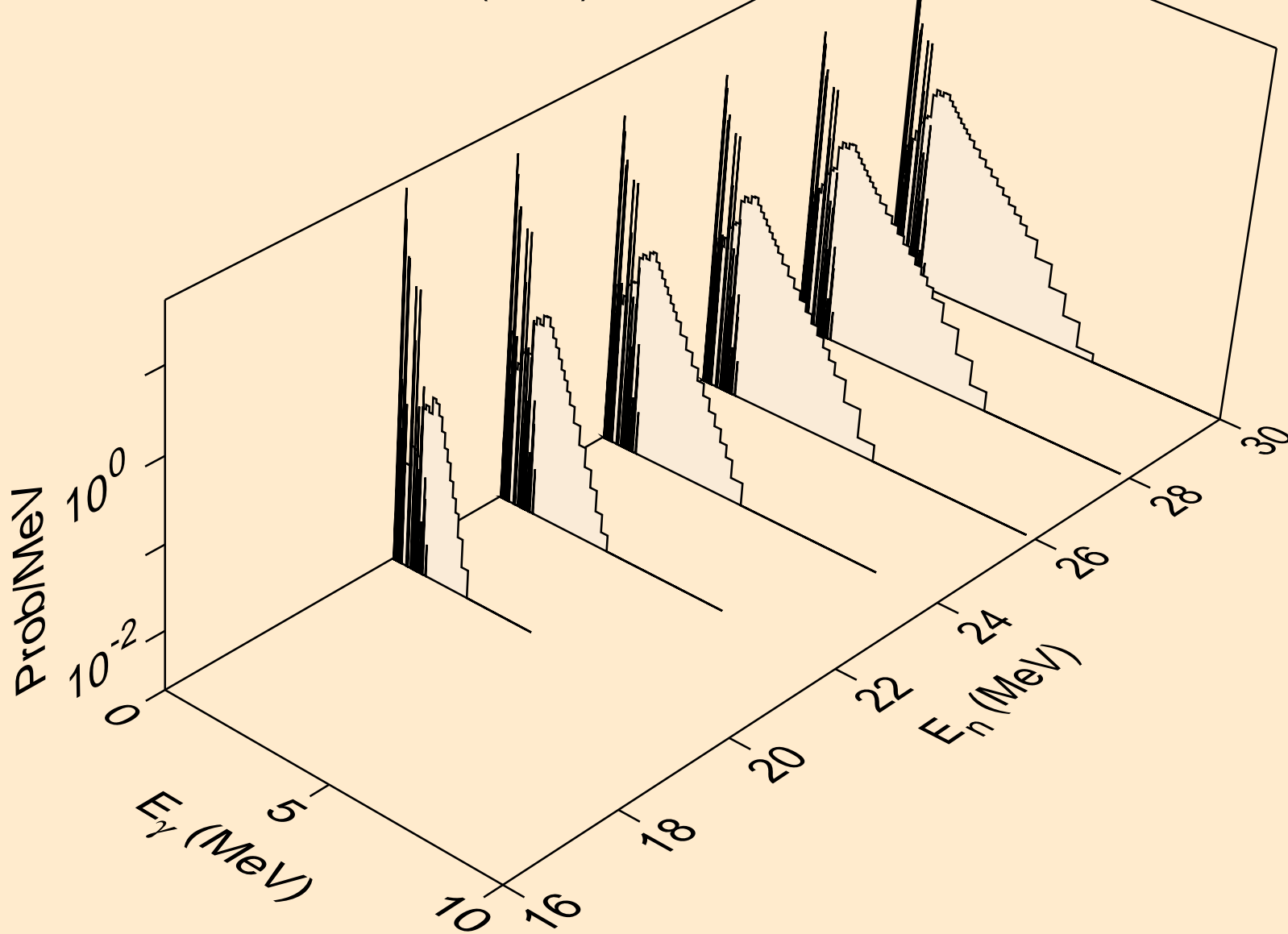
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Photon emission for (n,n\*)t



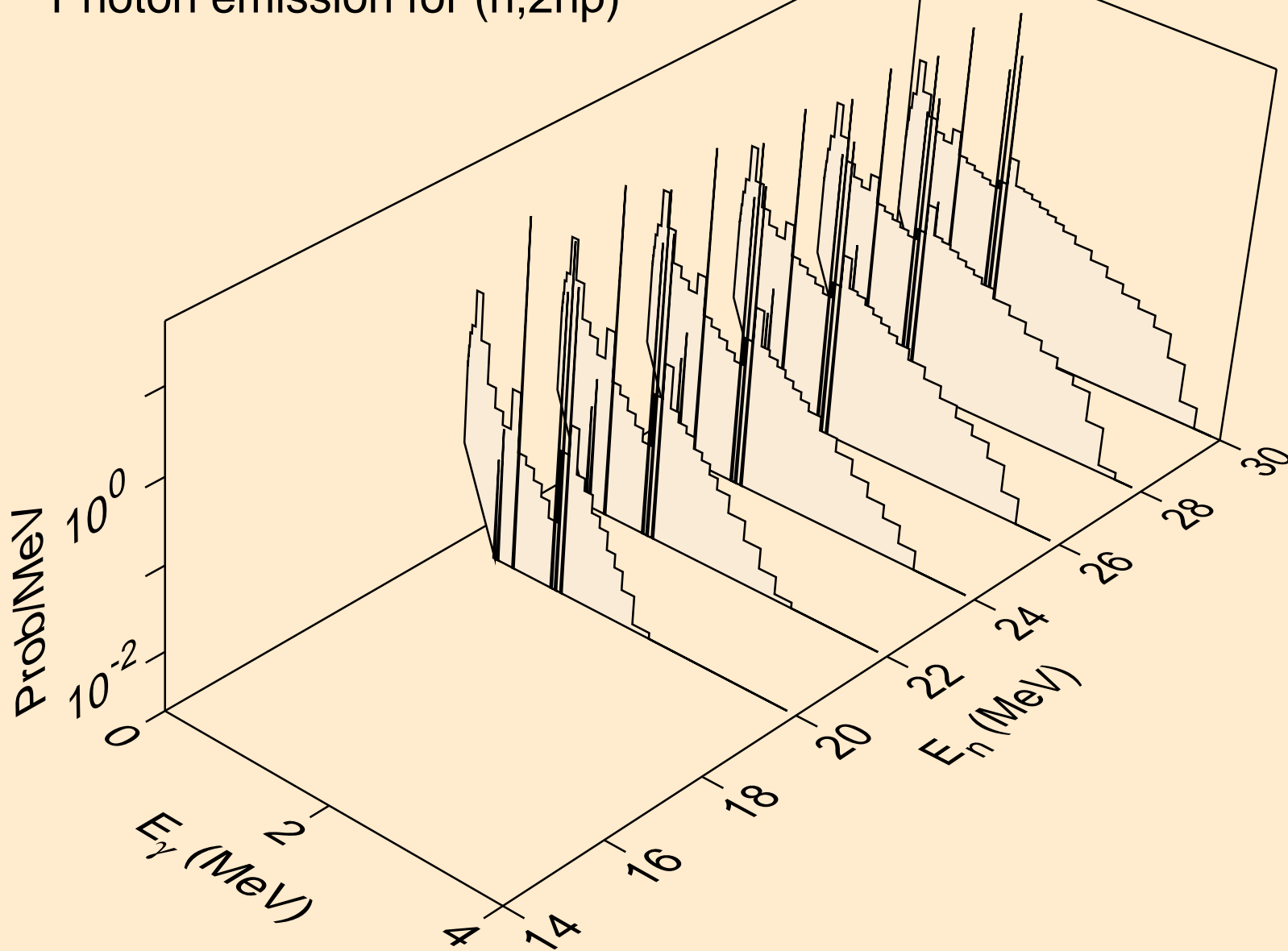
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



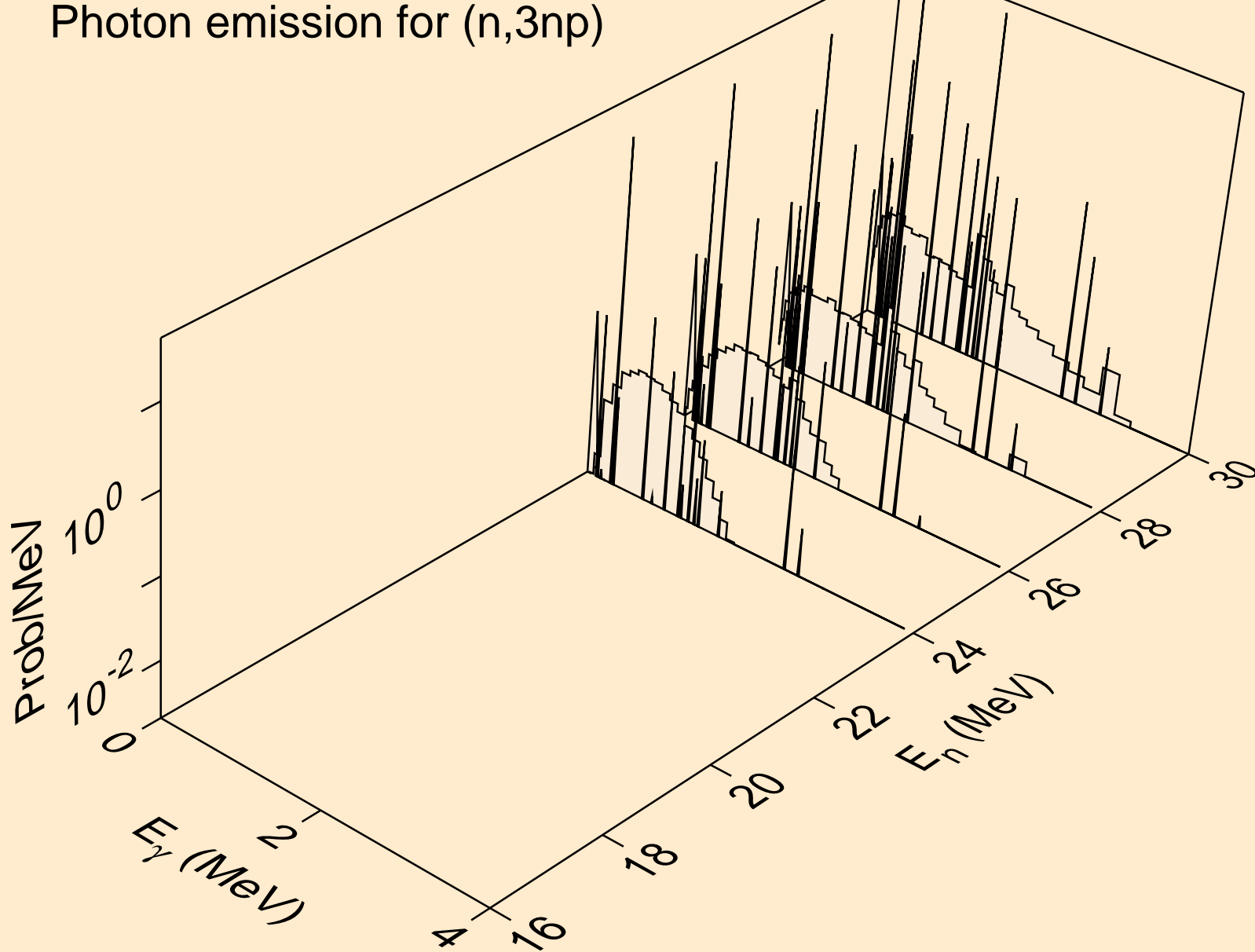
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



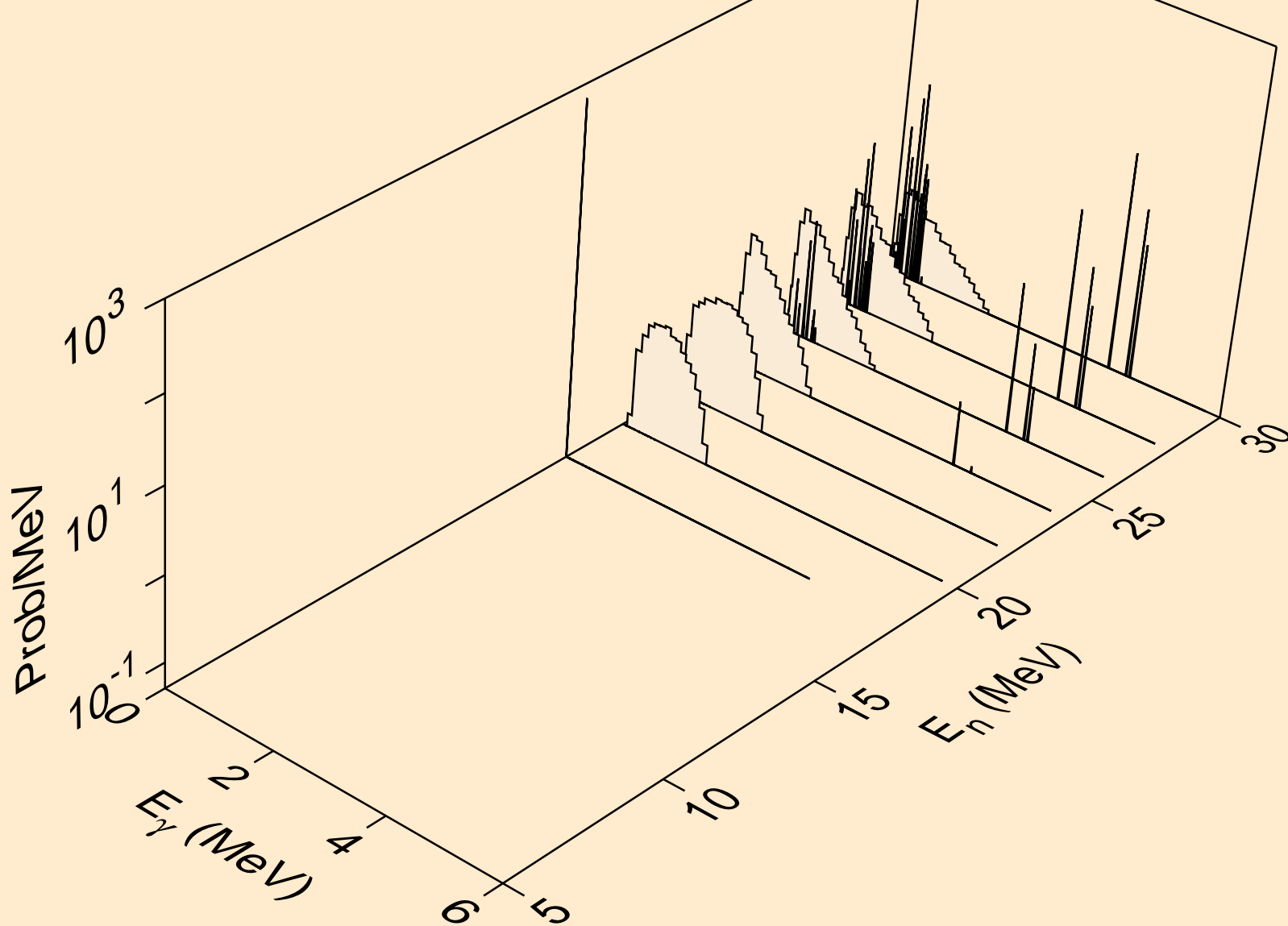
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Photon emission for (n,2np)



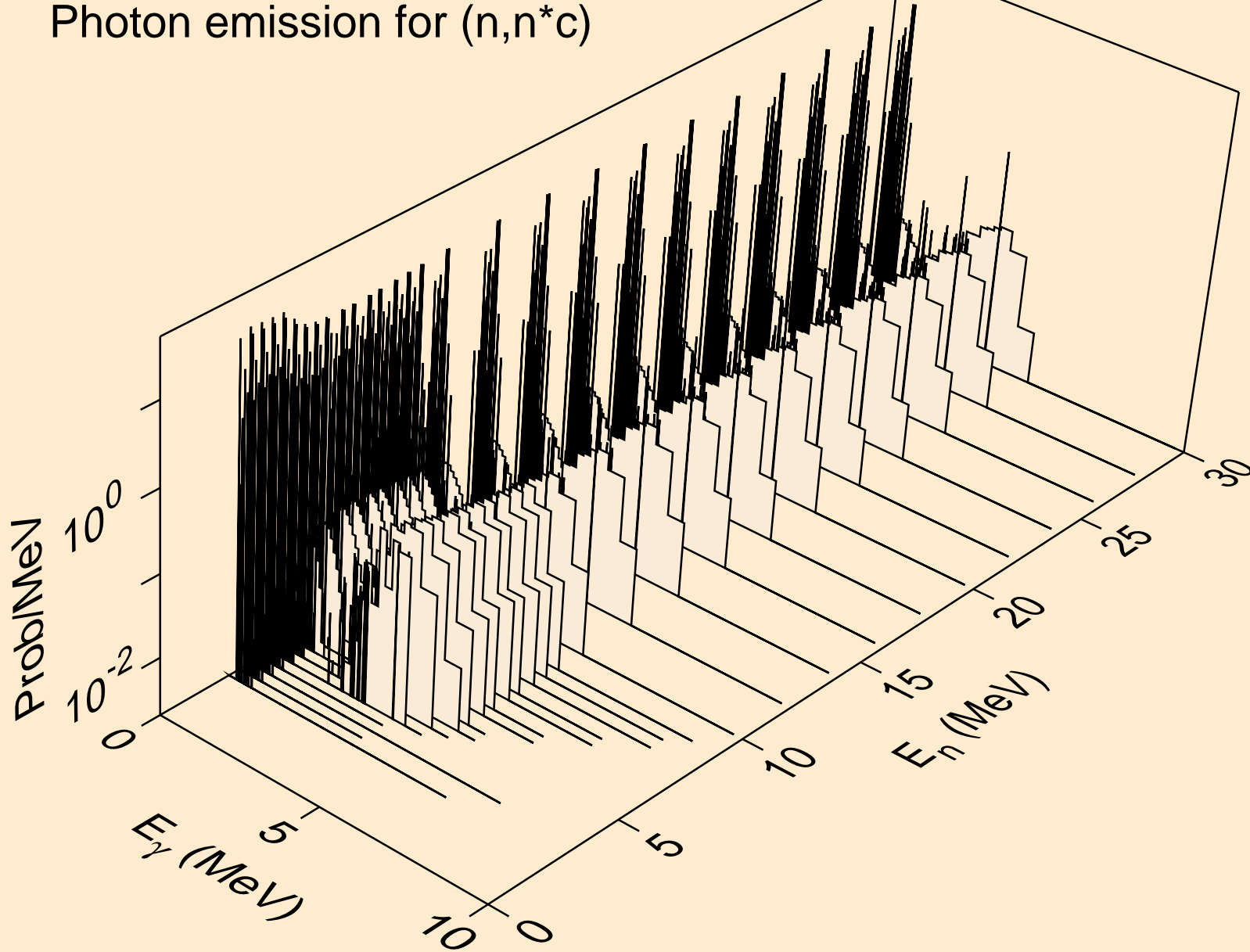
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Photon emission for (n,3np)



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)

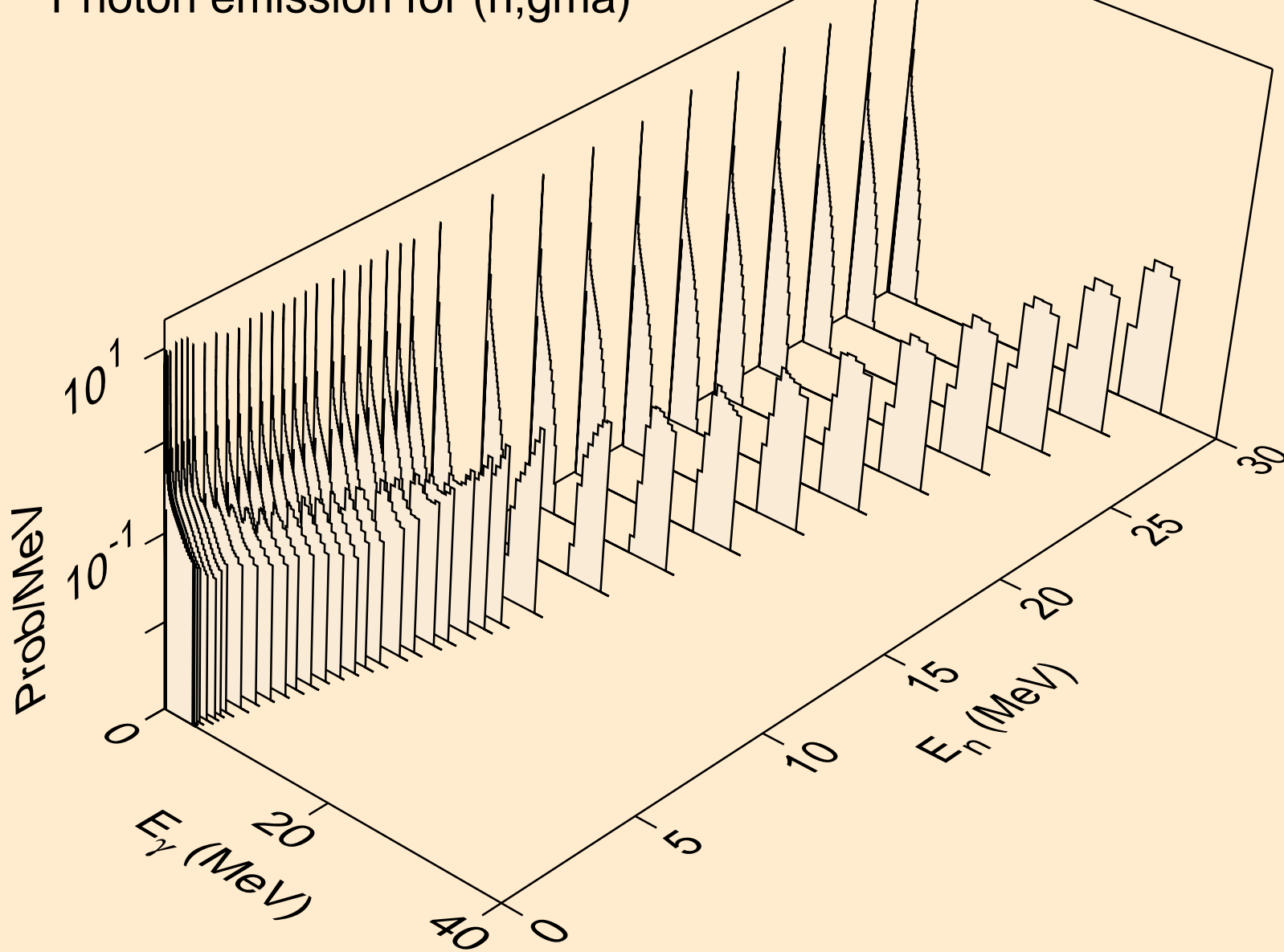


I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

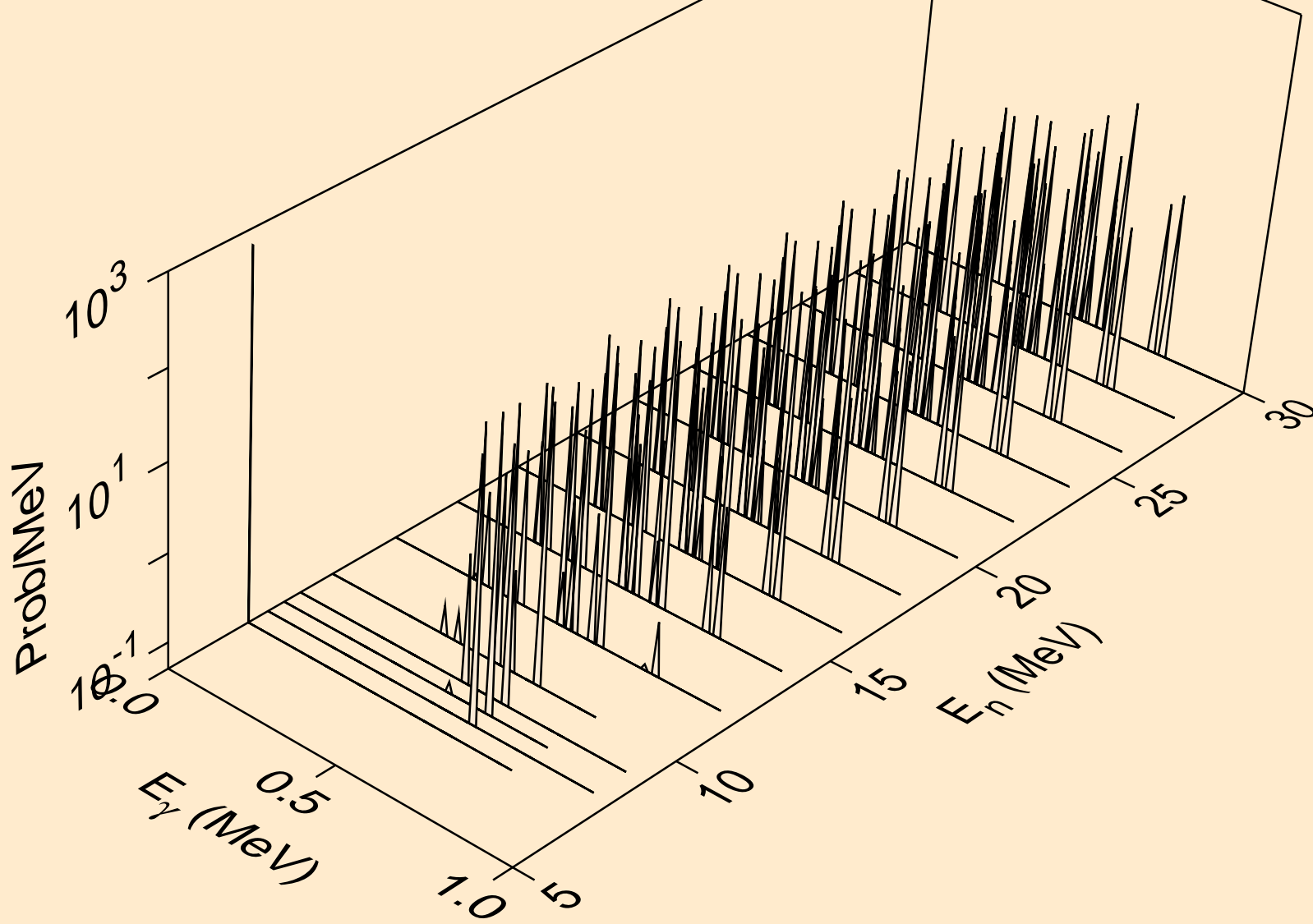




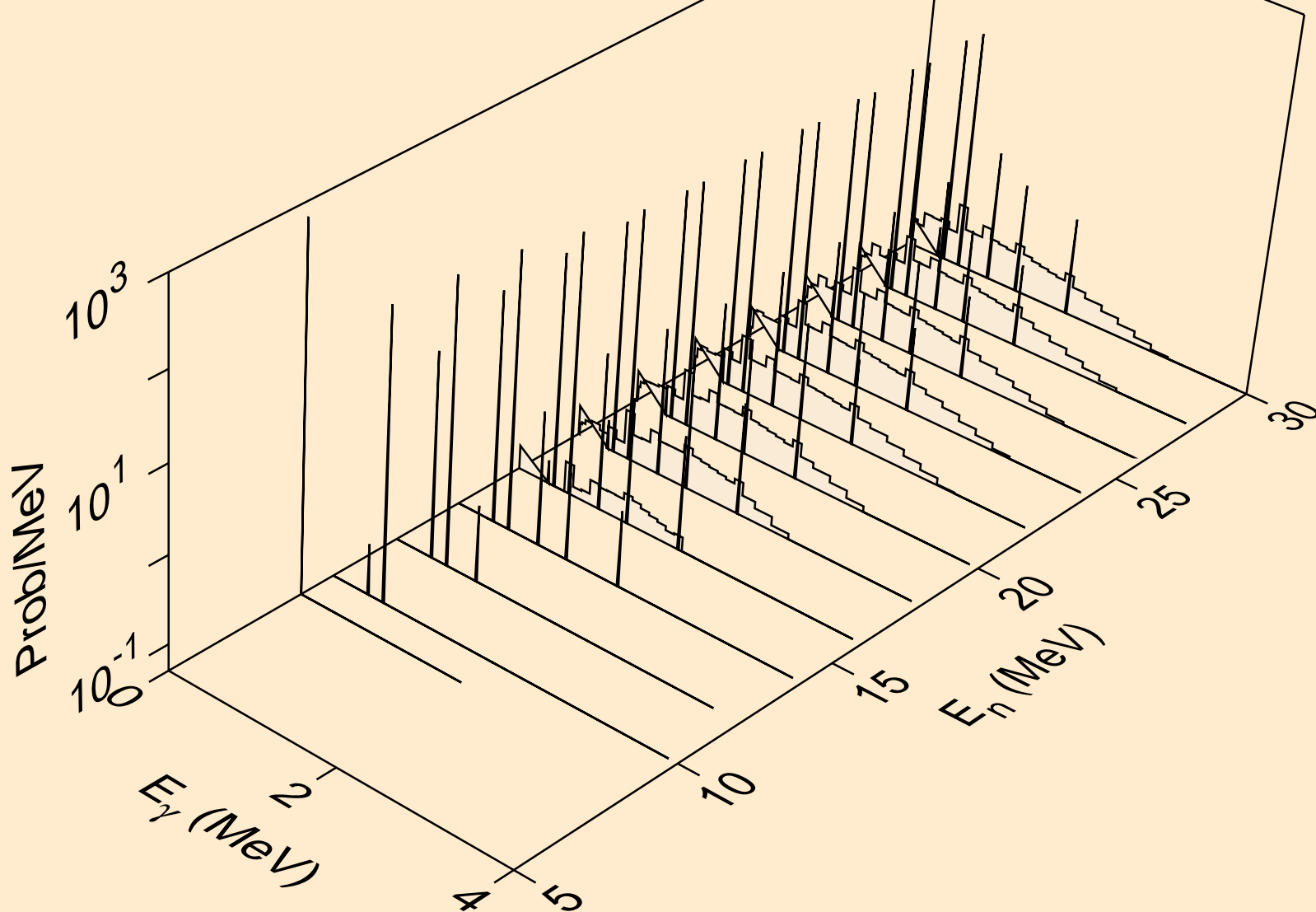
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Photon emission for (n,gma)



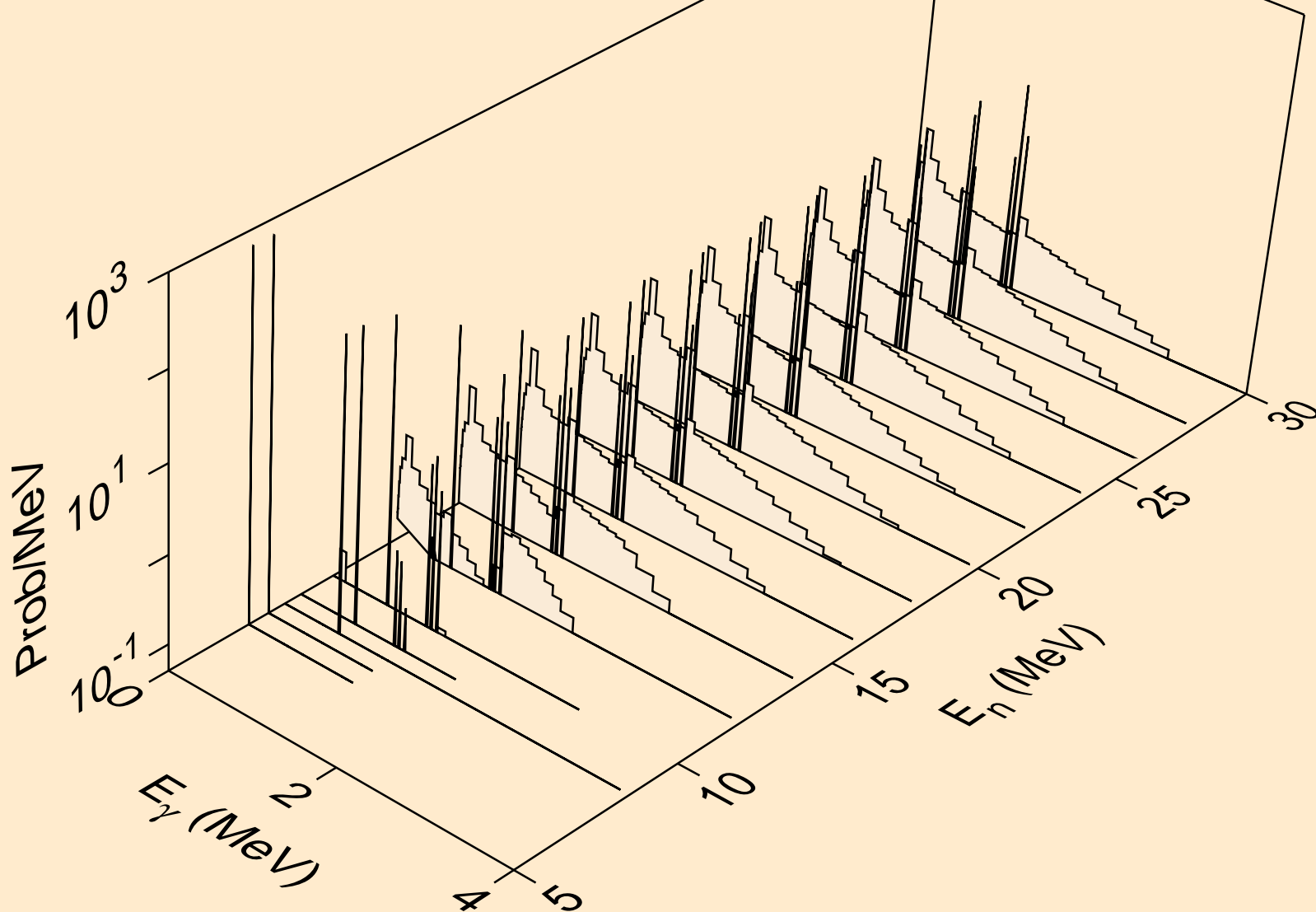
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Photon emission for (n,p)



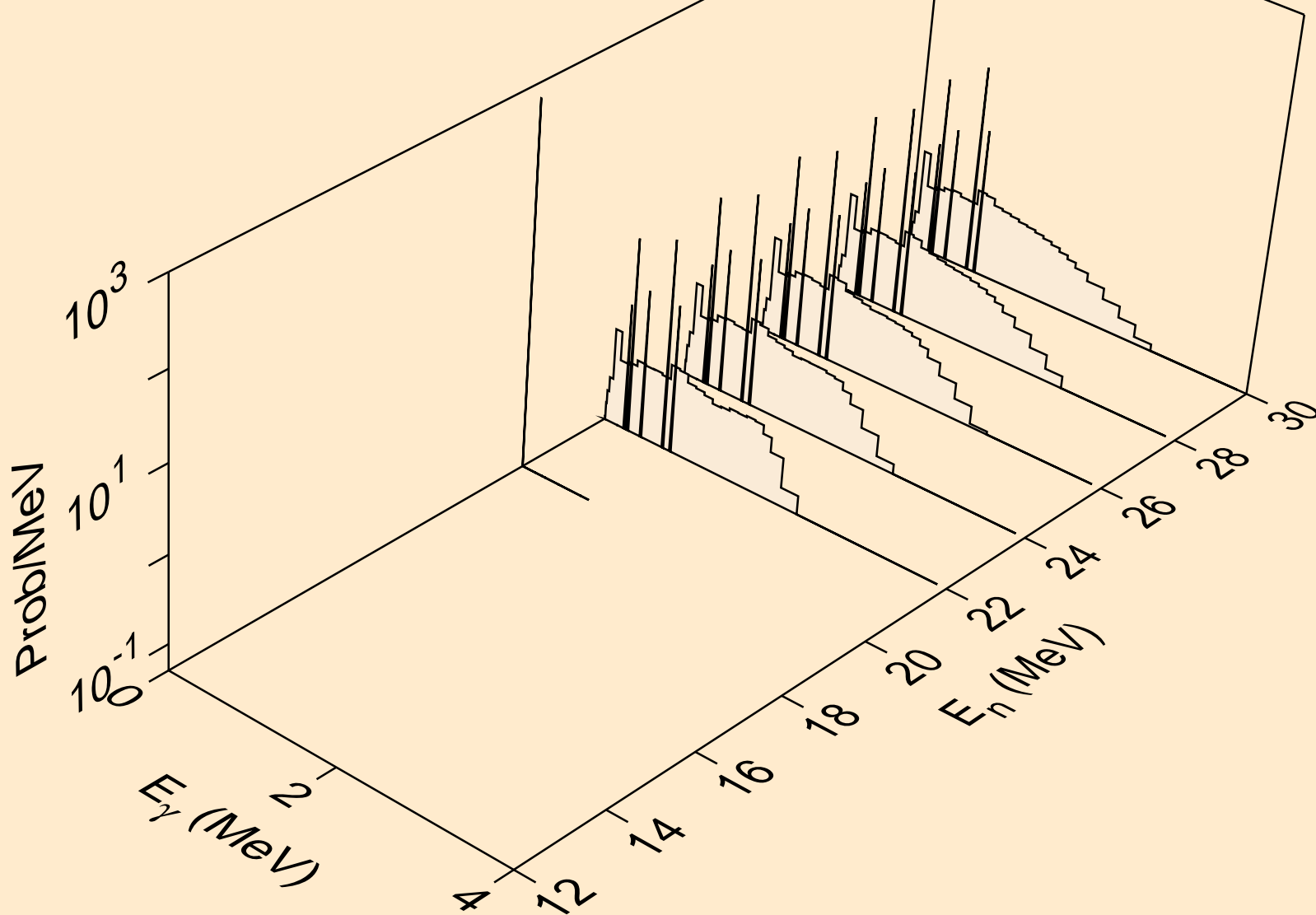
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



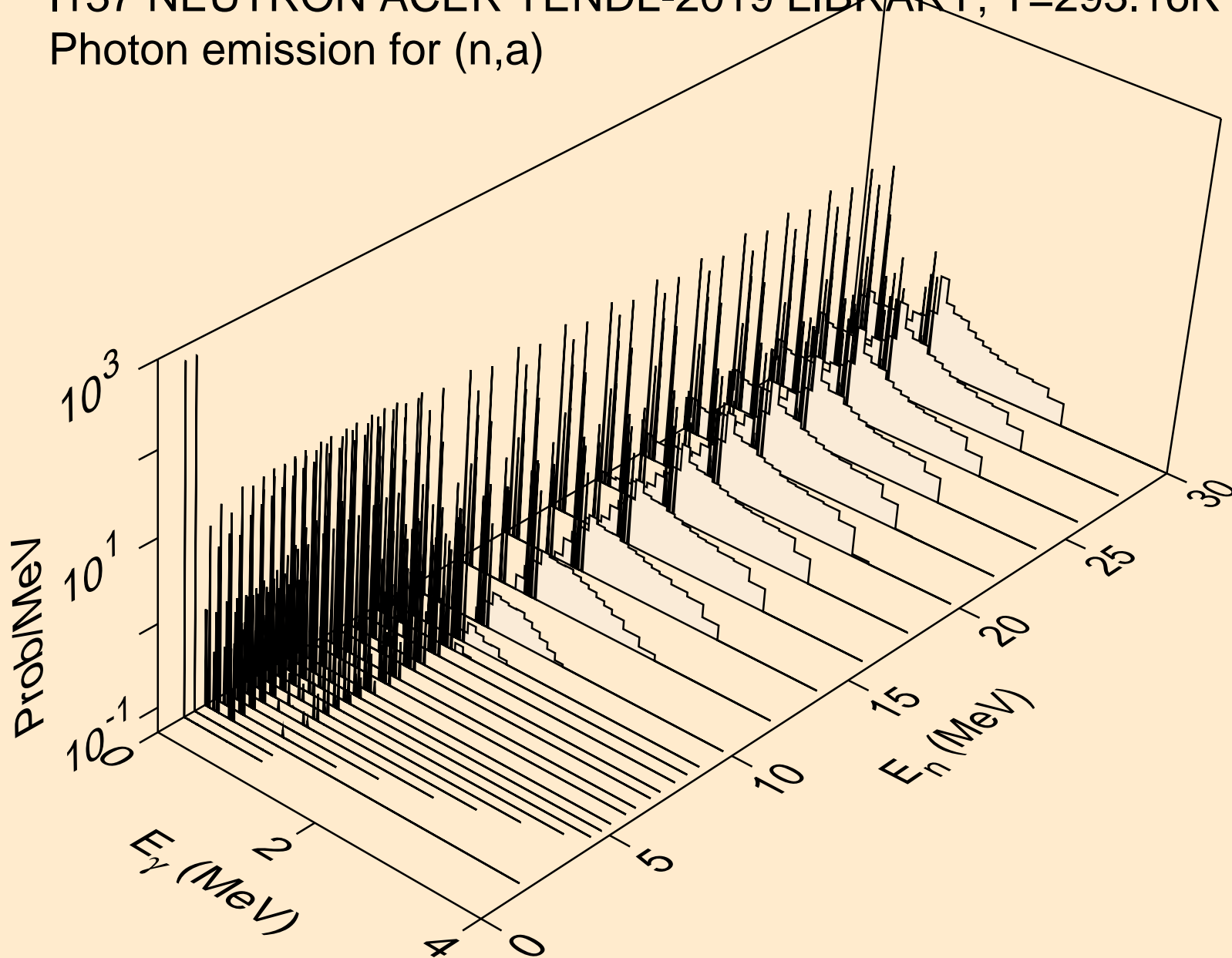
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



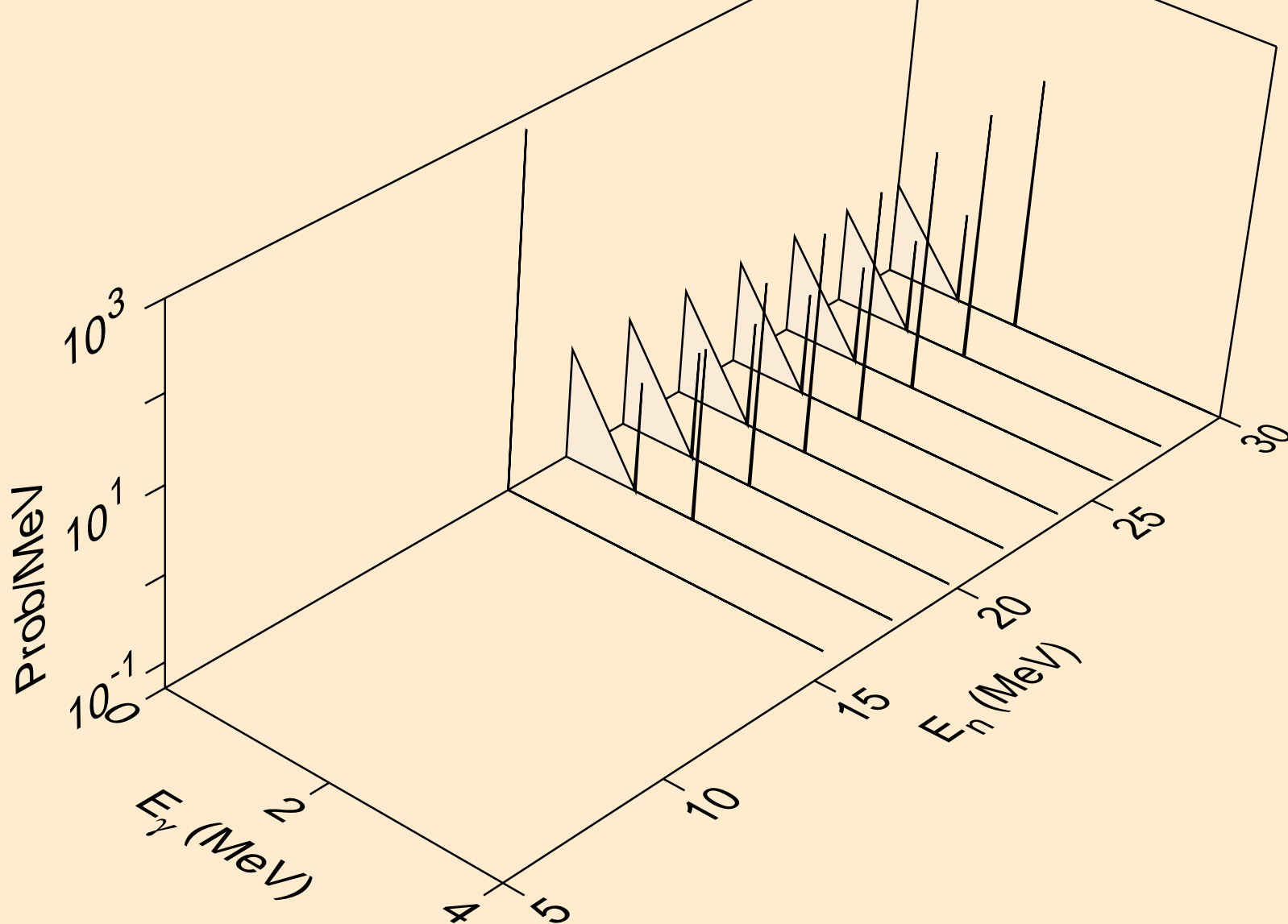
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



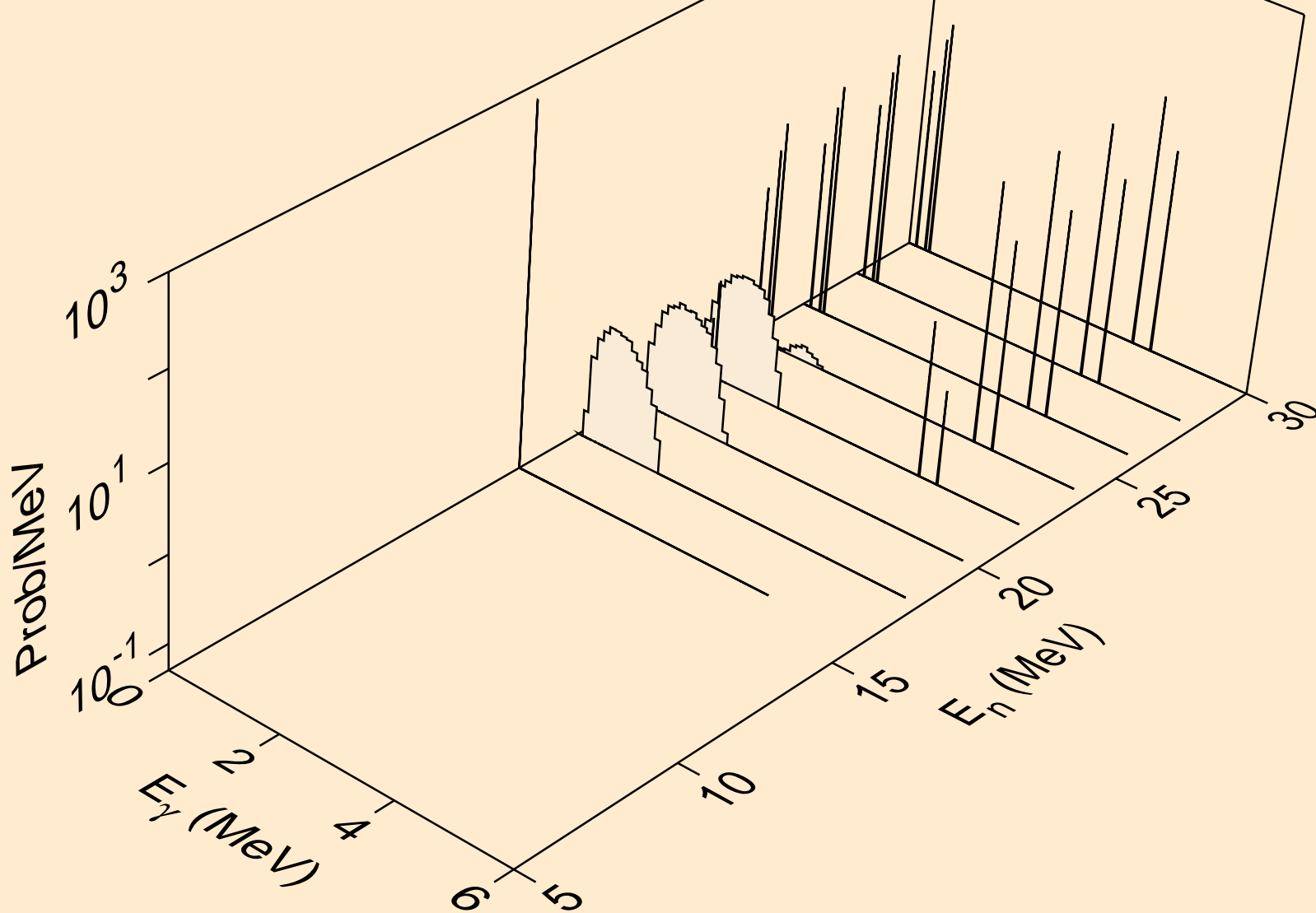
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )

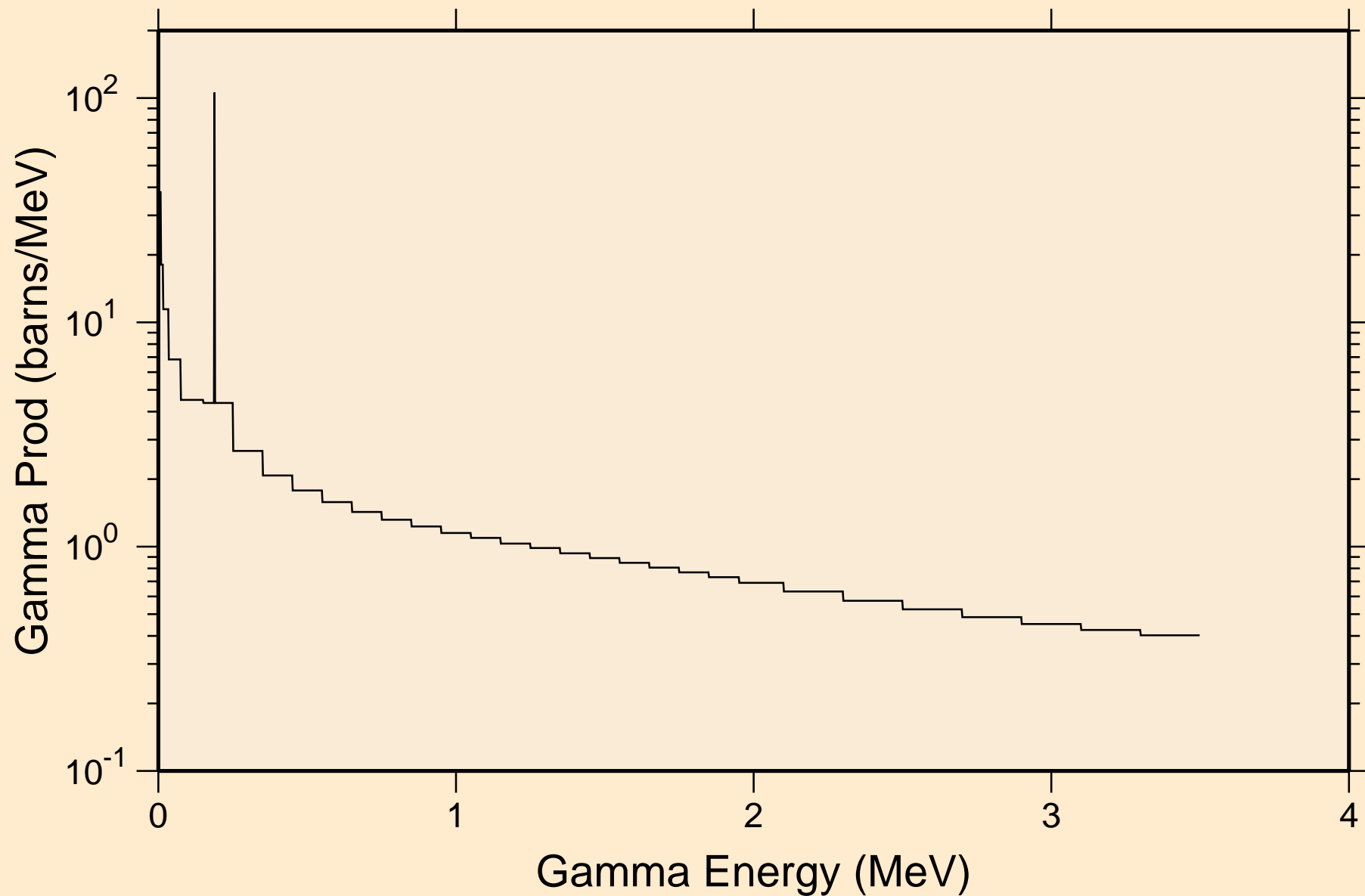


I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)

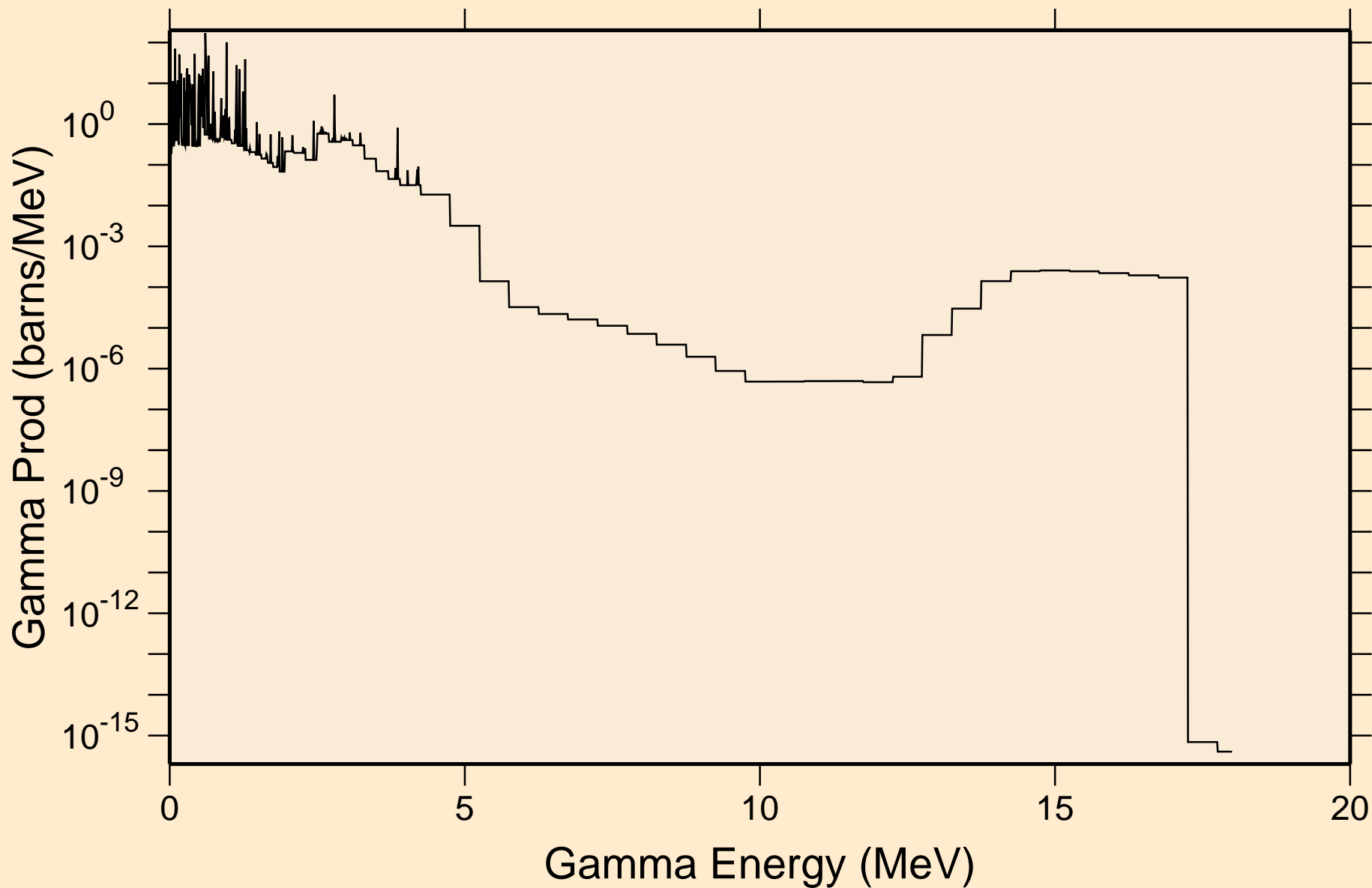




I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

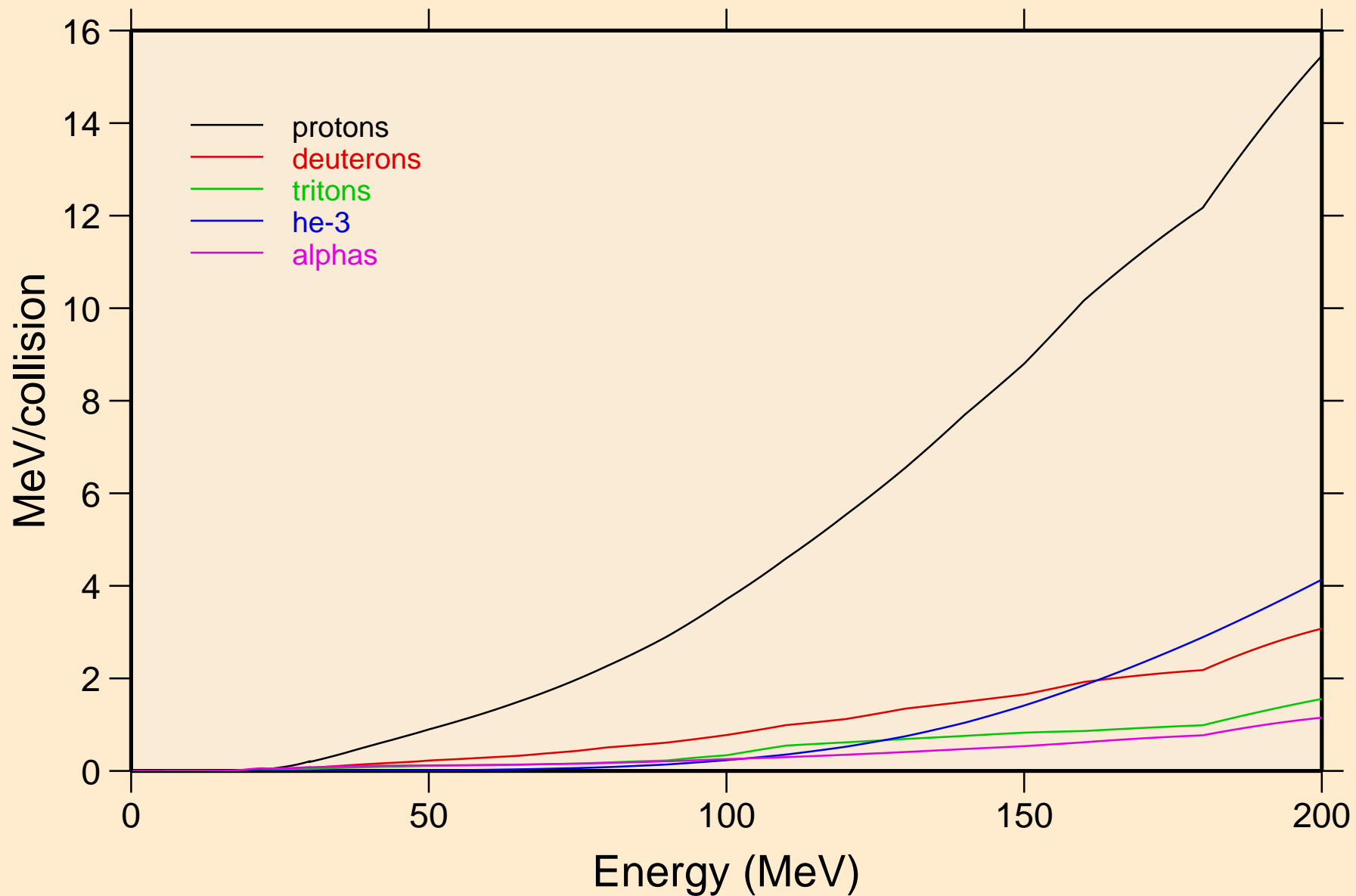


I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



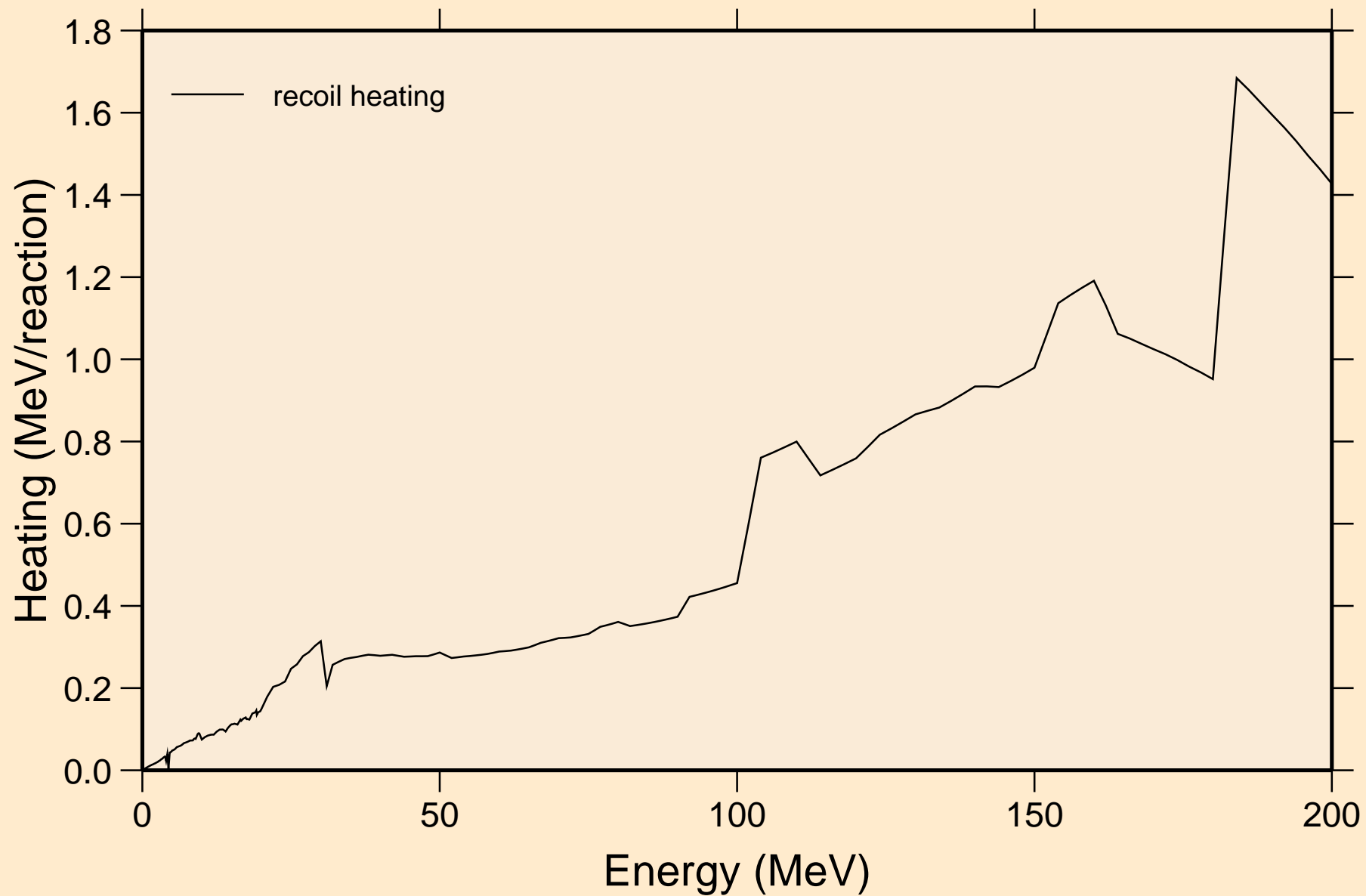
# I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions

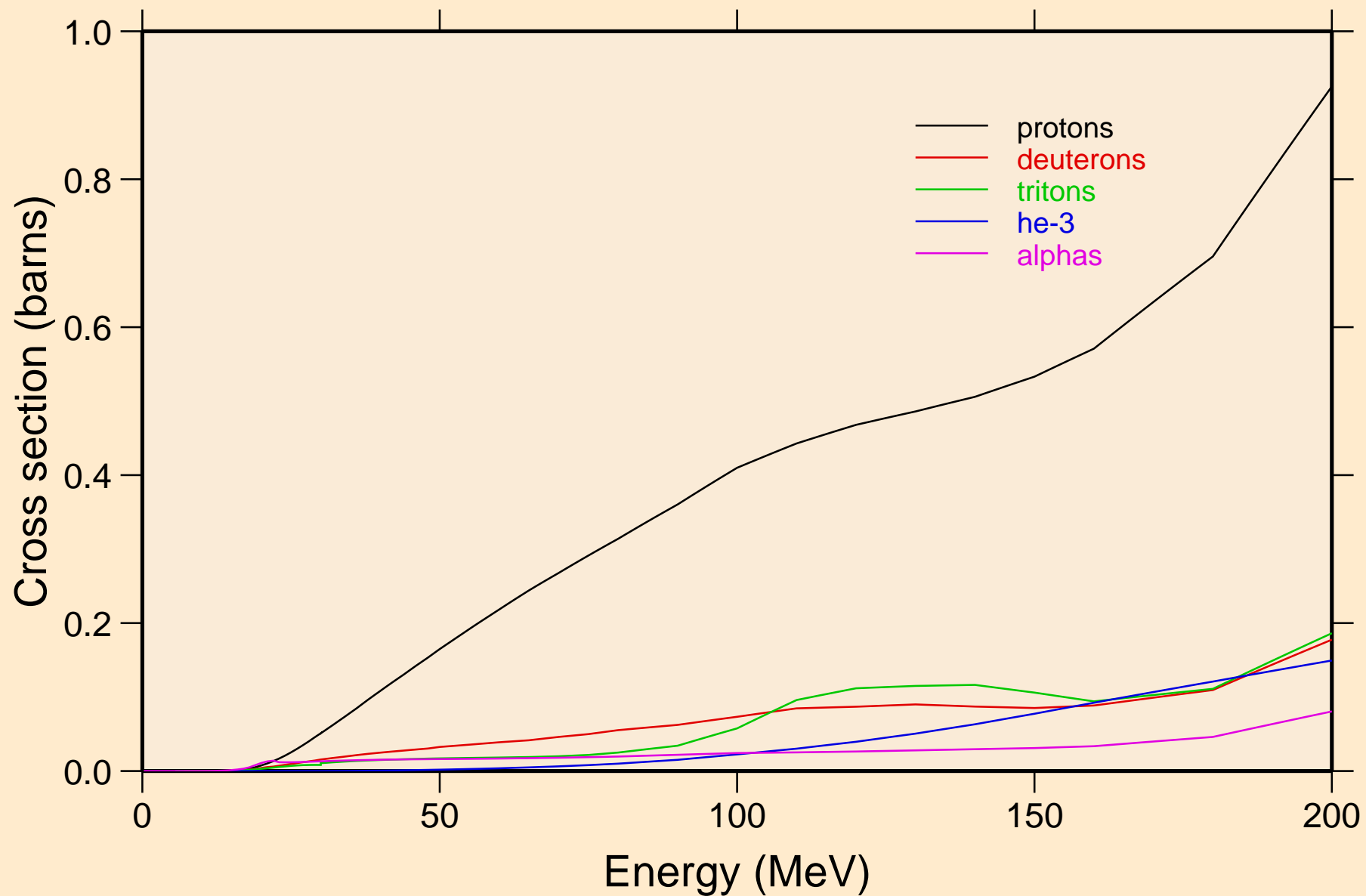


# I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

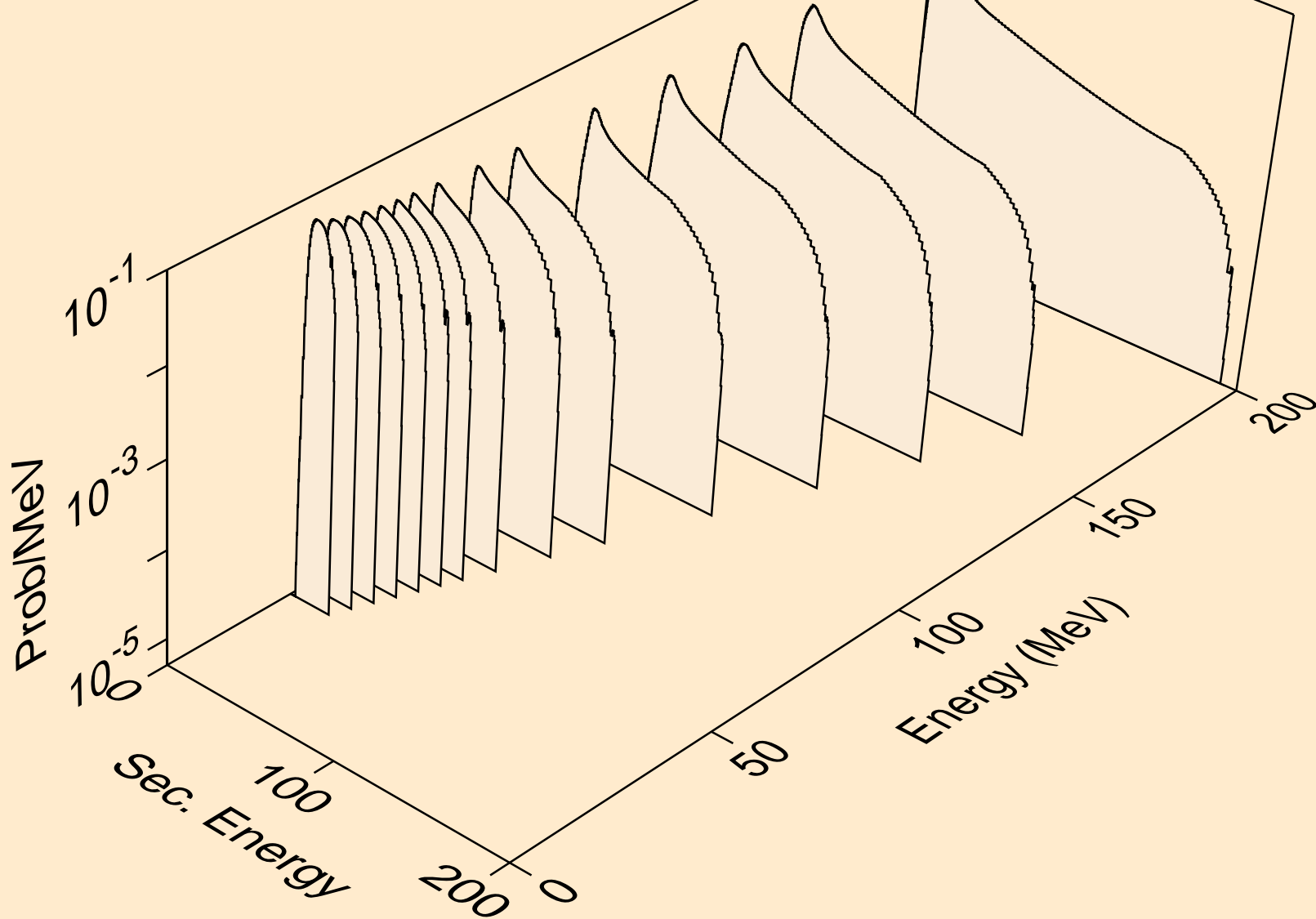
## Recoil Heating



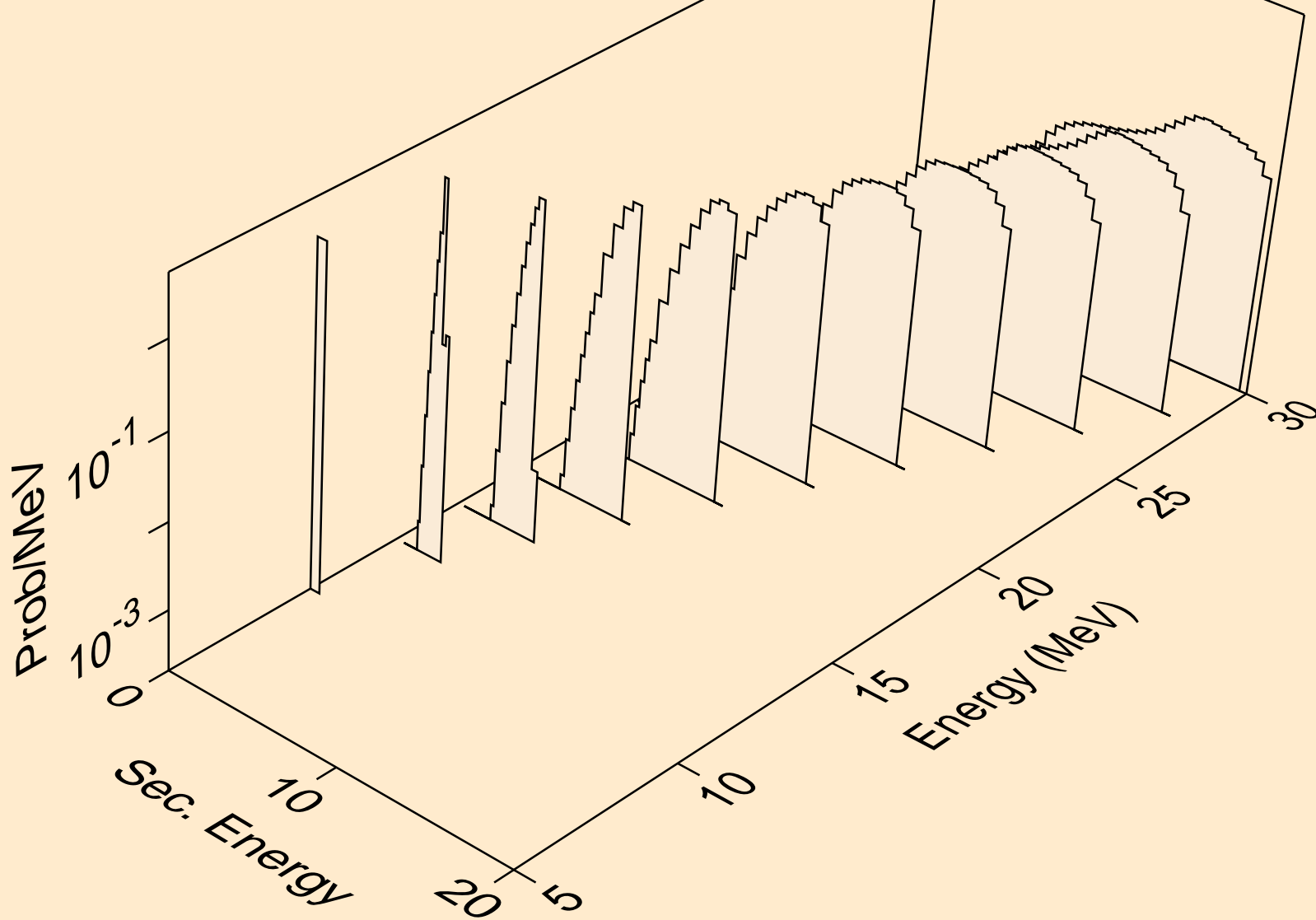
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



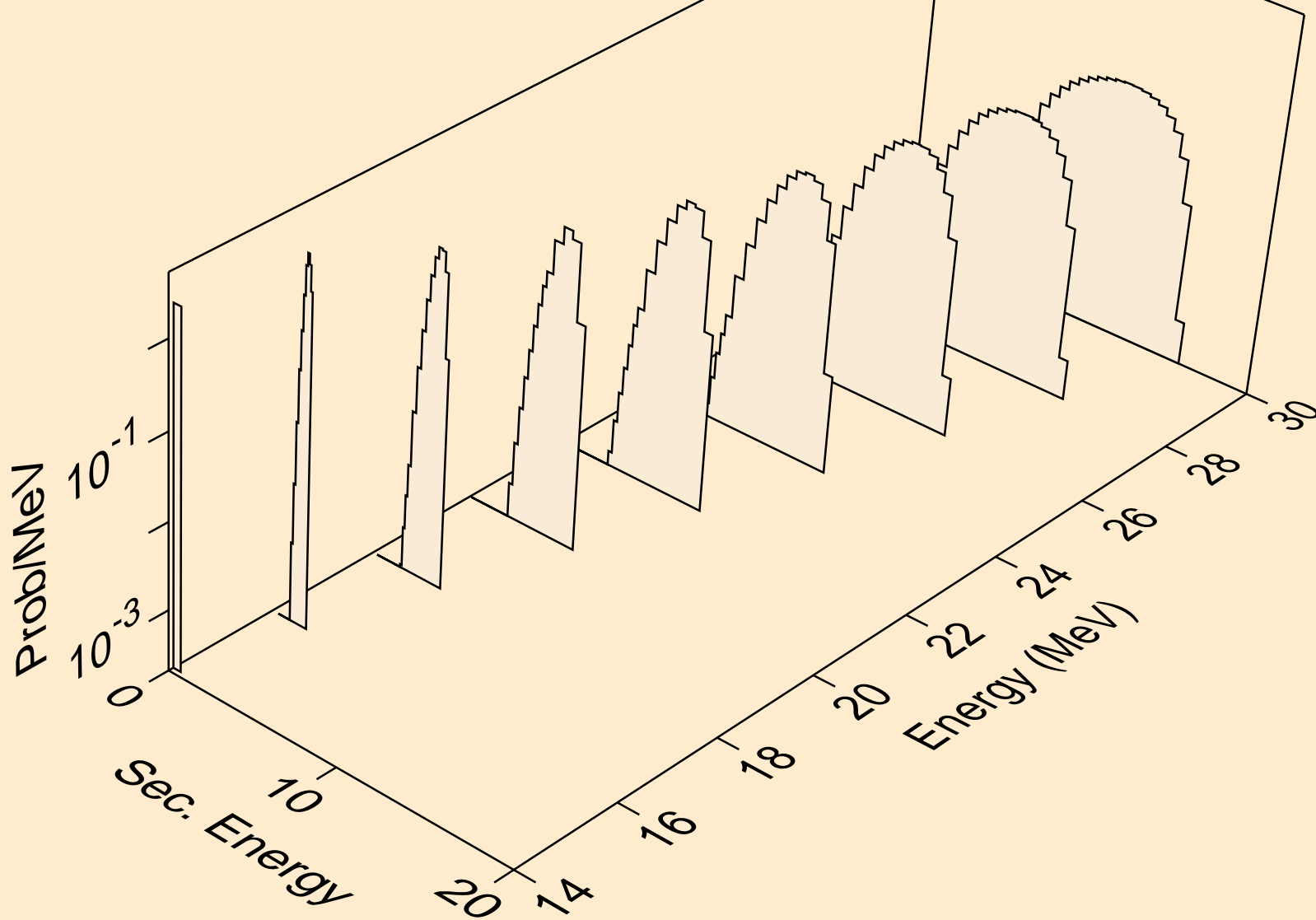
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p

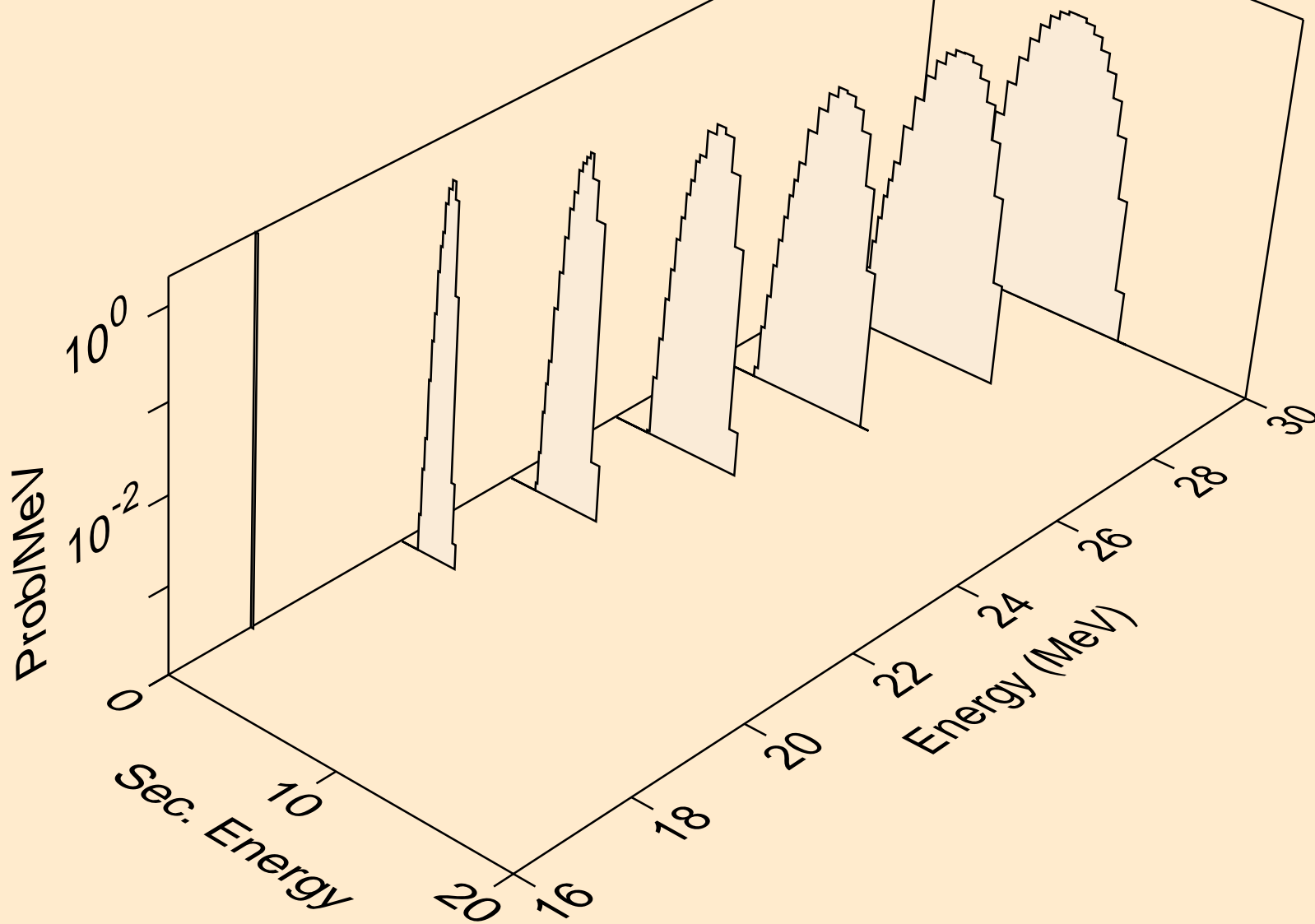


I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

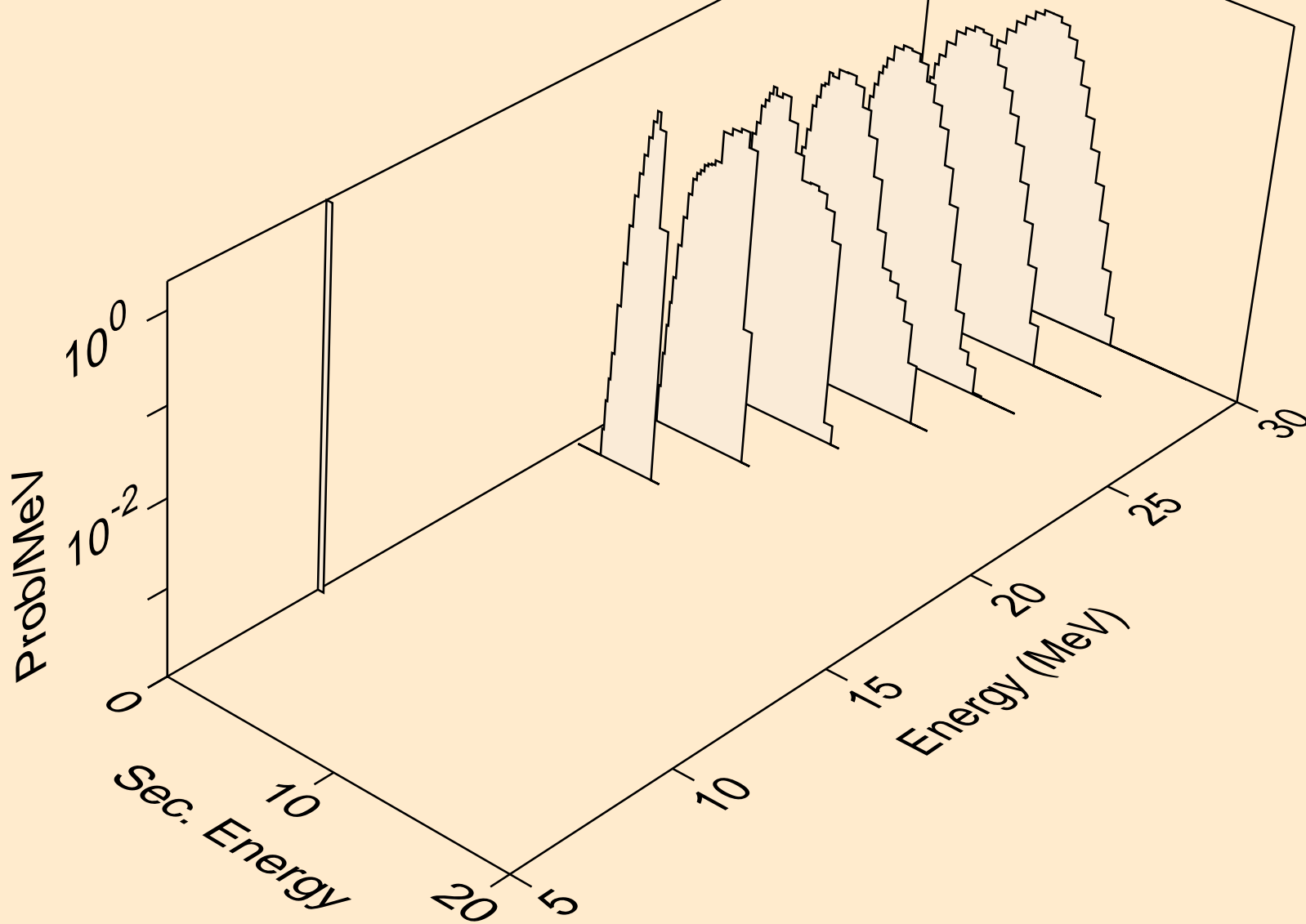




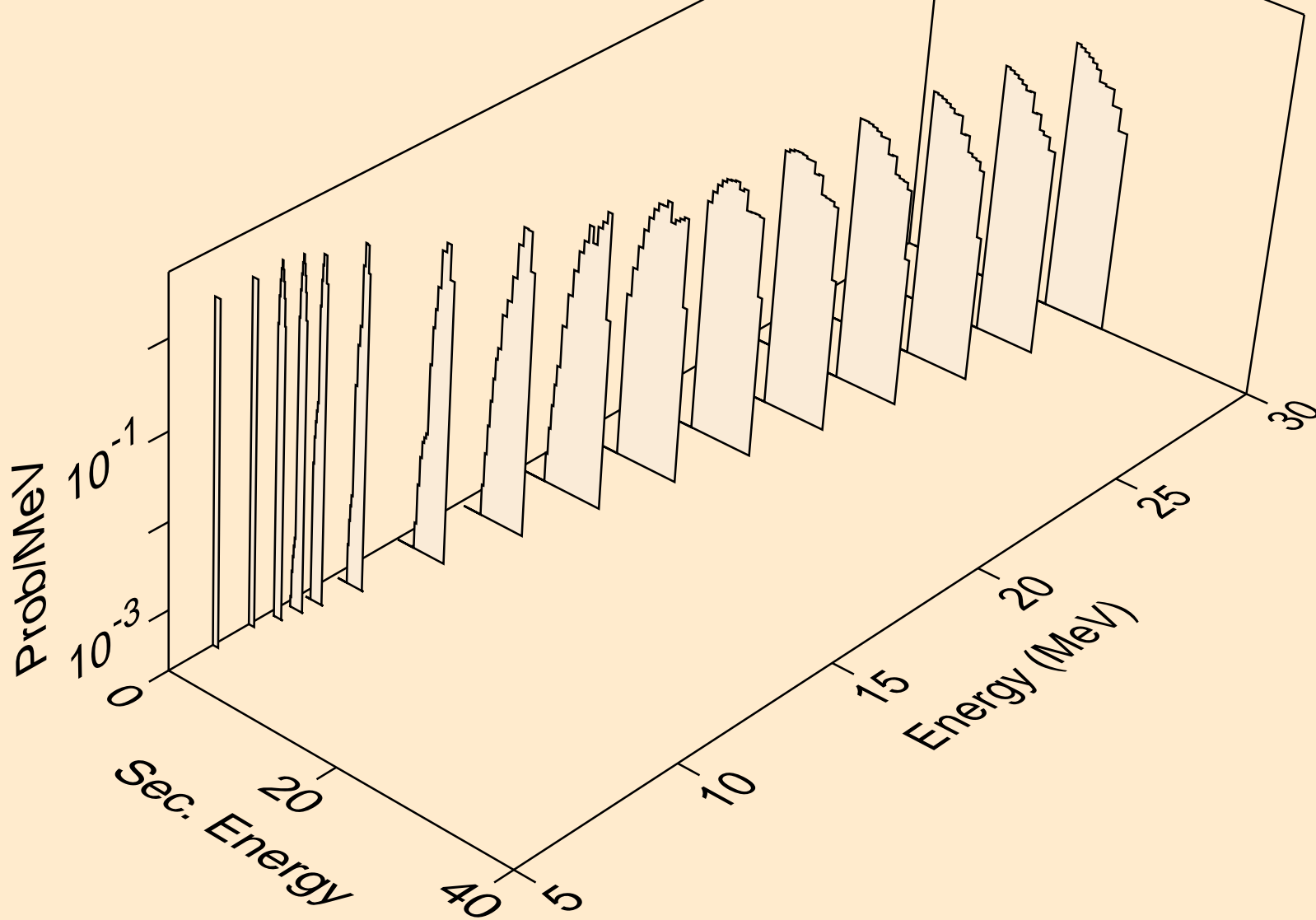
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protons from (n,3np)



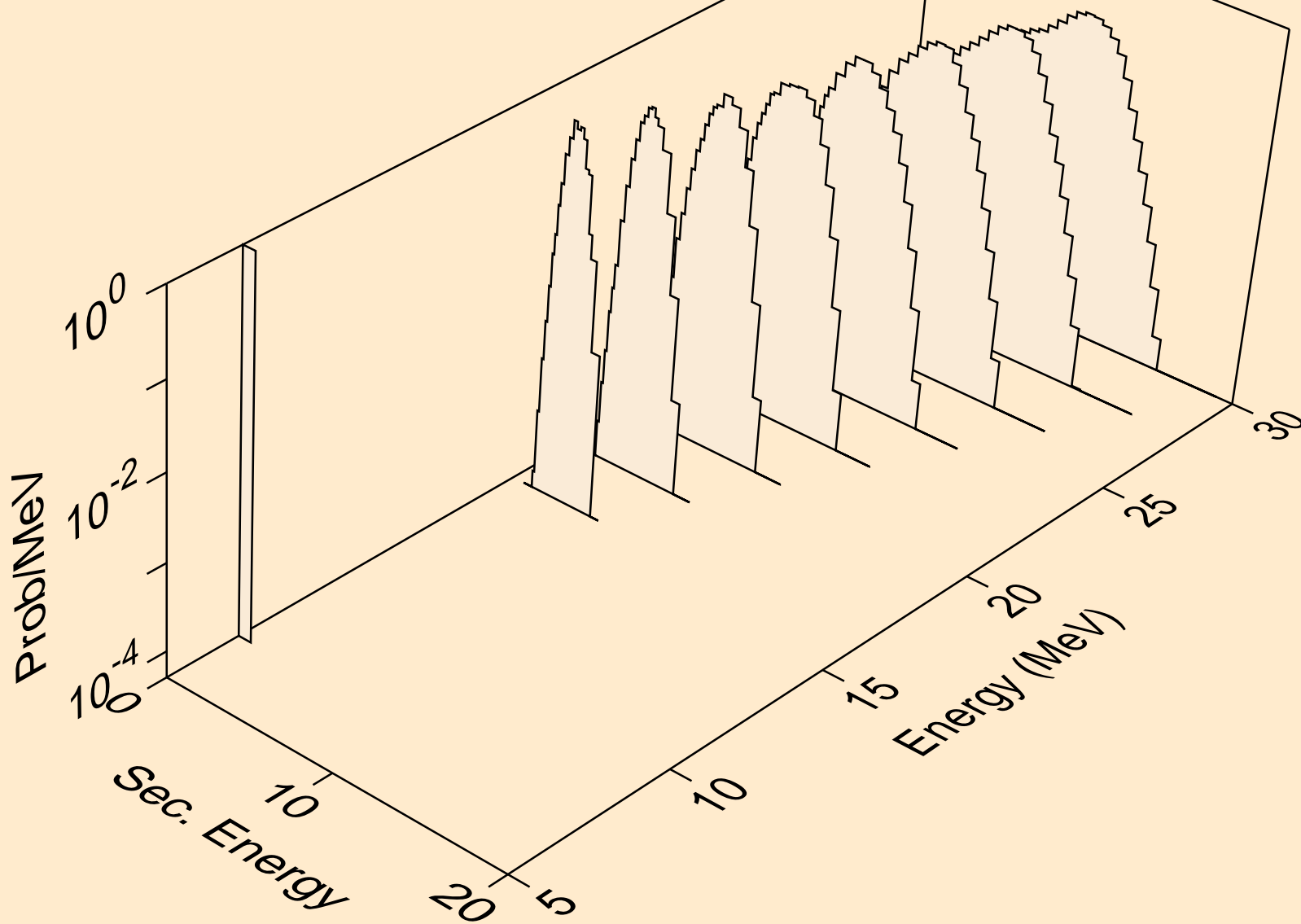
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



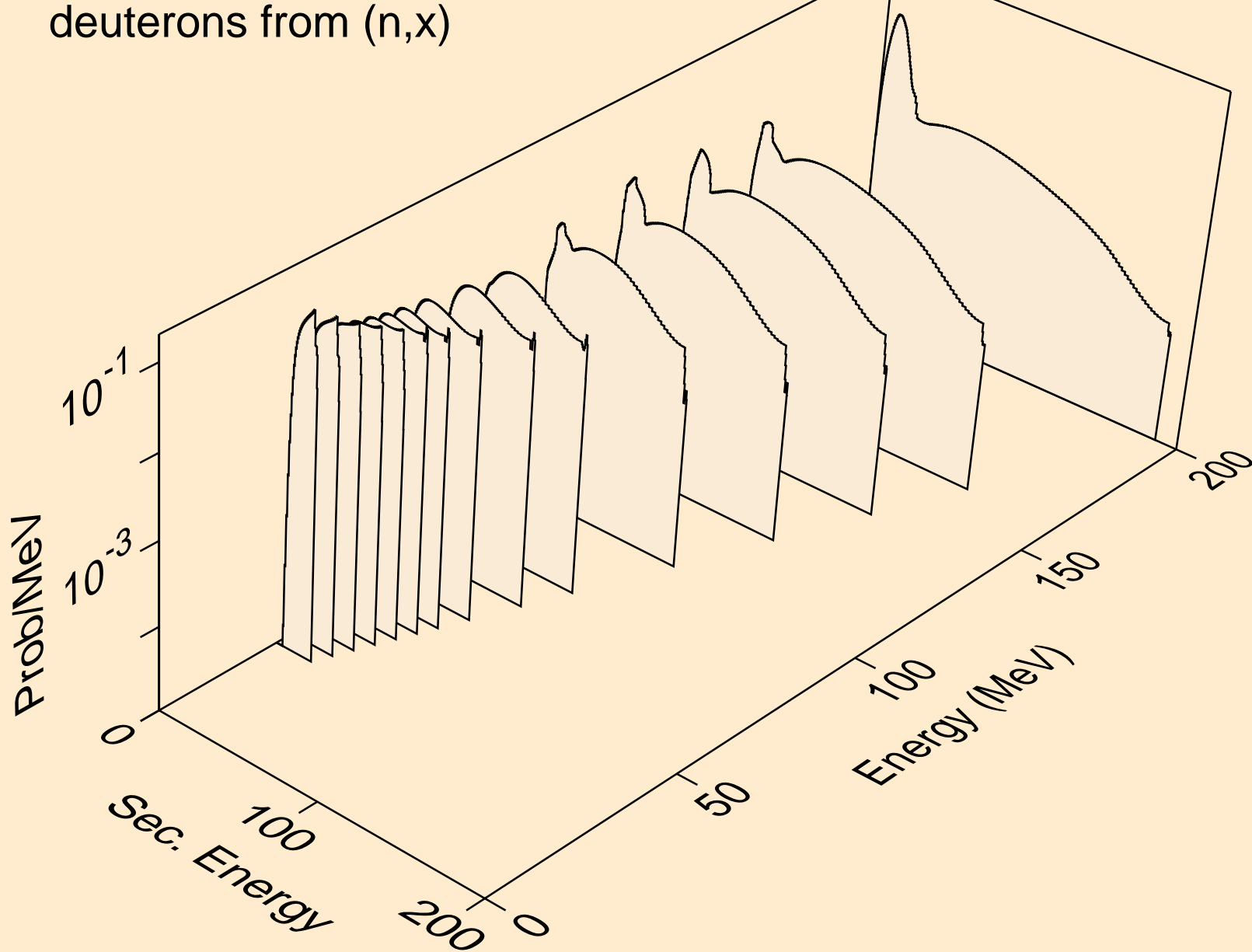
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protons from (n,p)



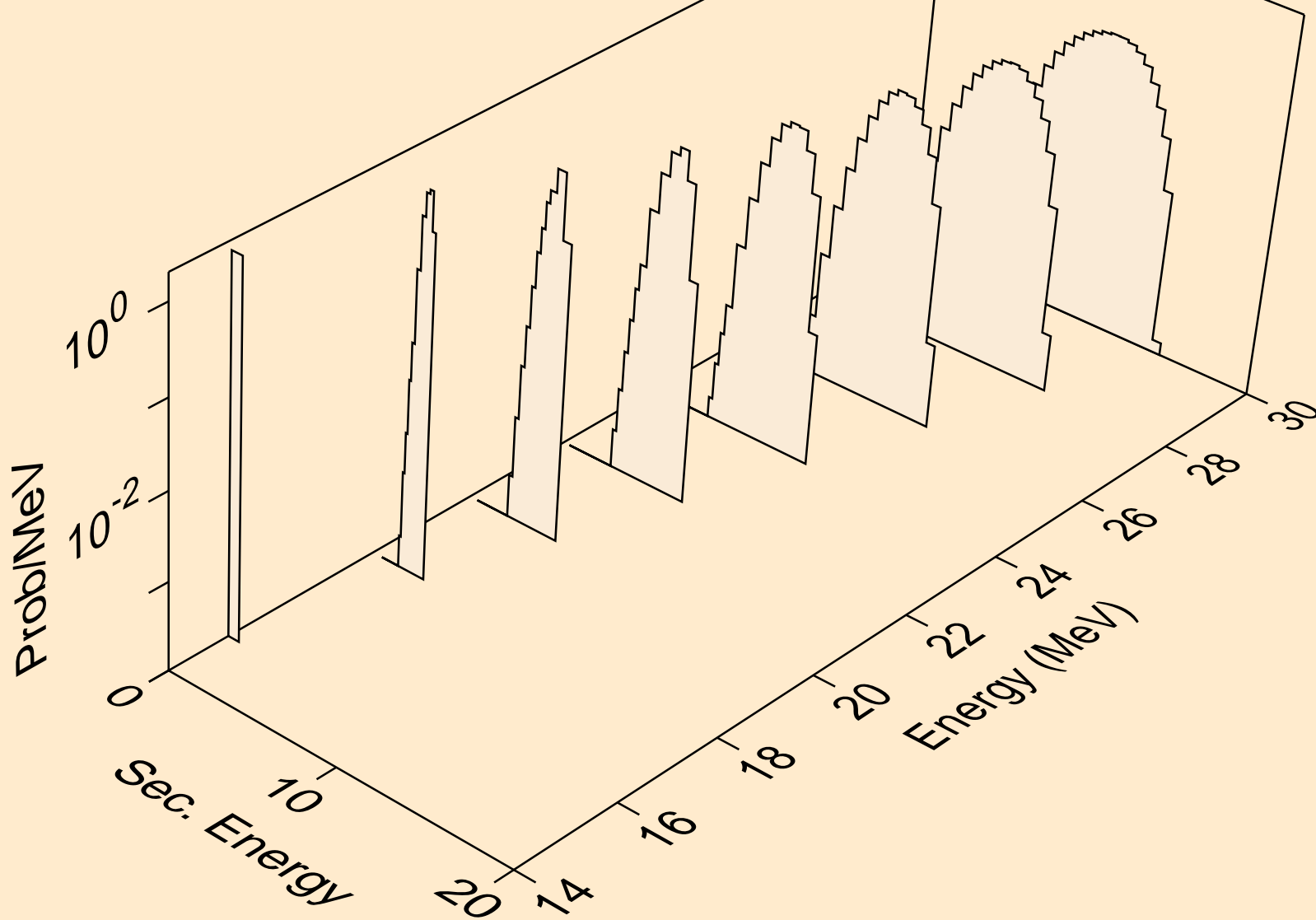
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protons from (n,pa)



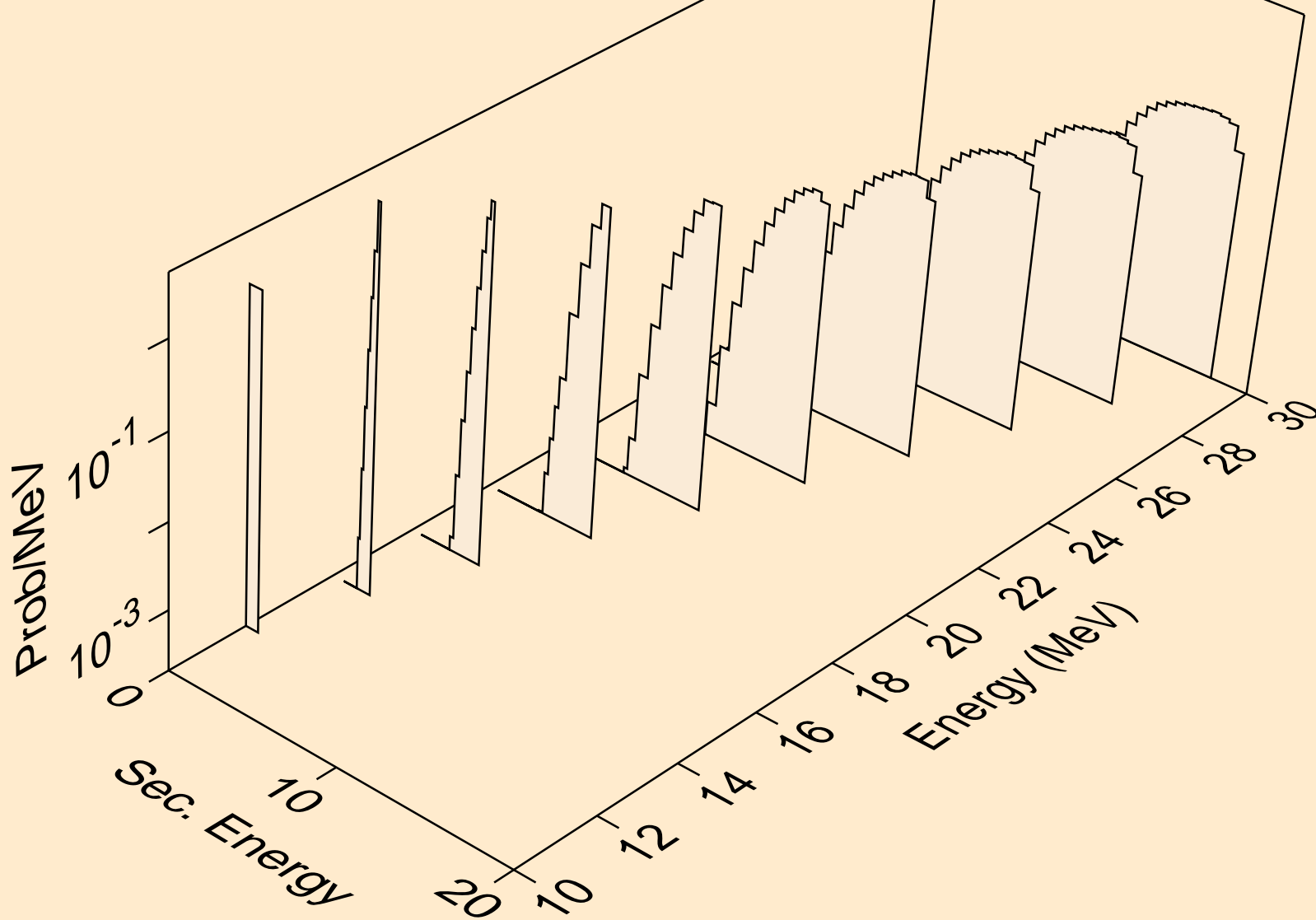
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deuterons from (n,x)



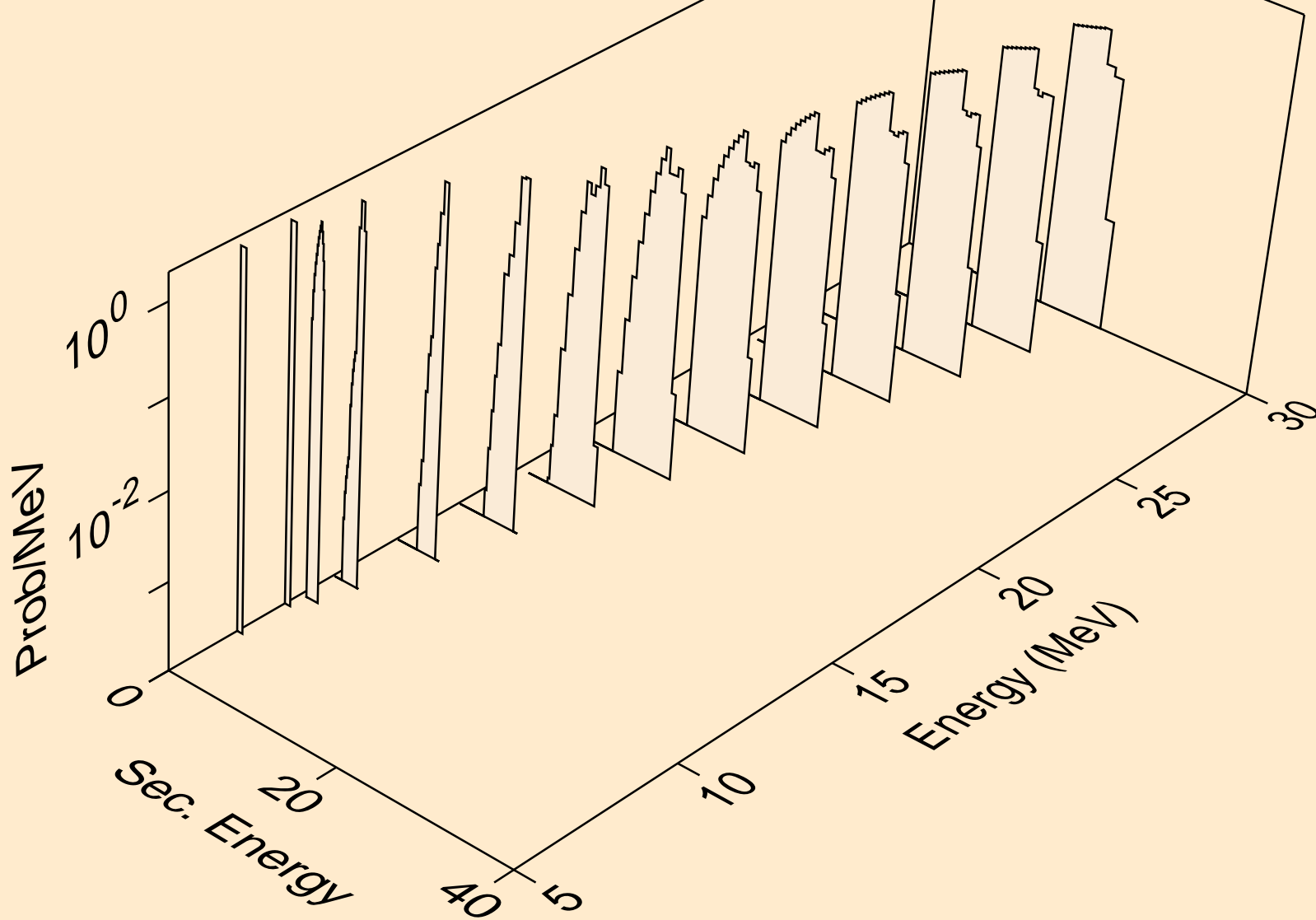
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d

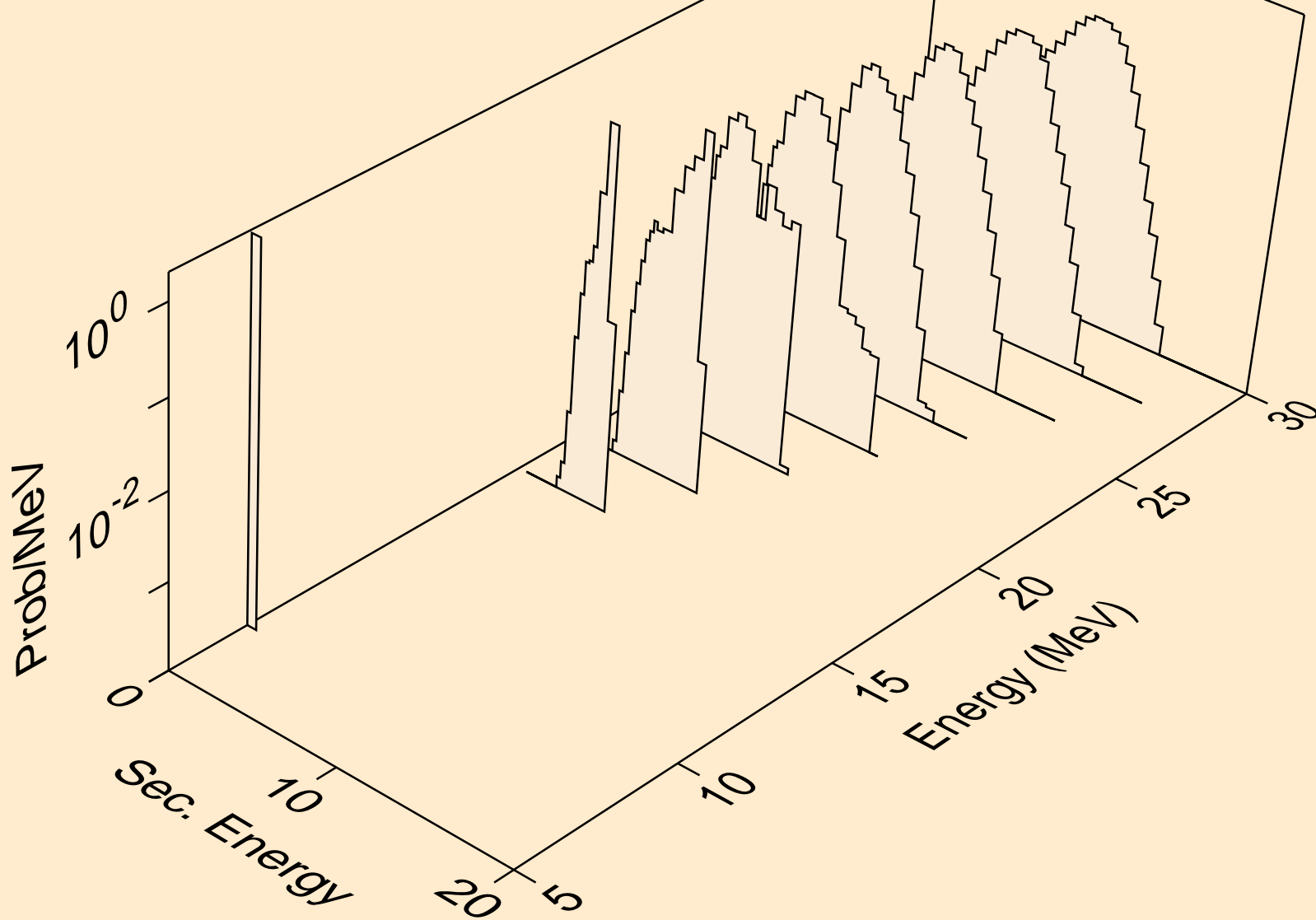


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deuterons from (n,d)

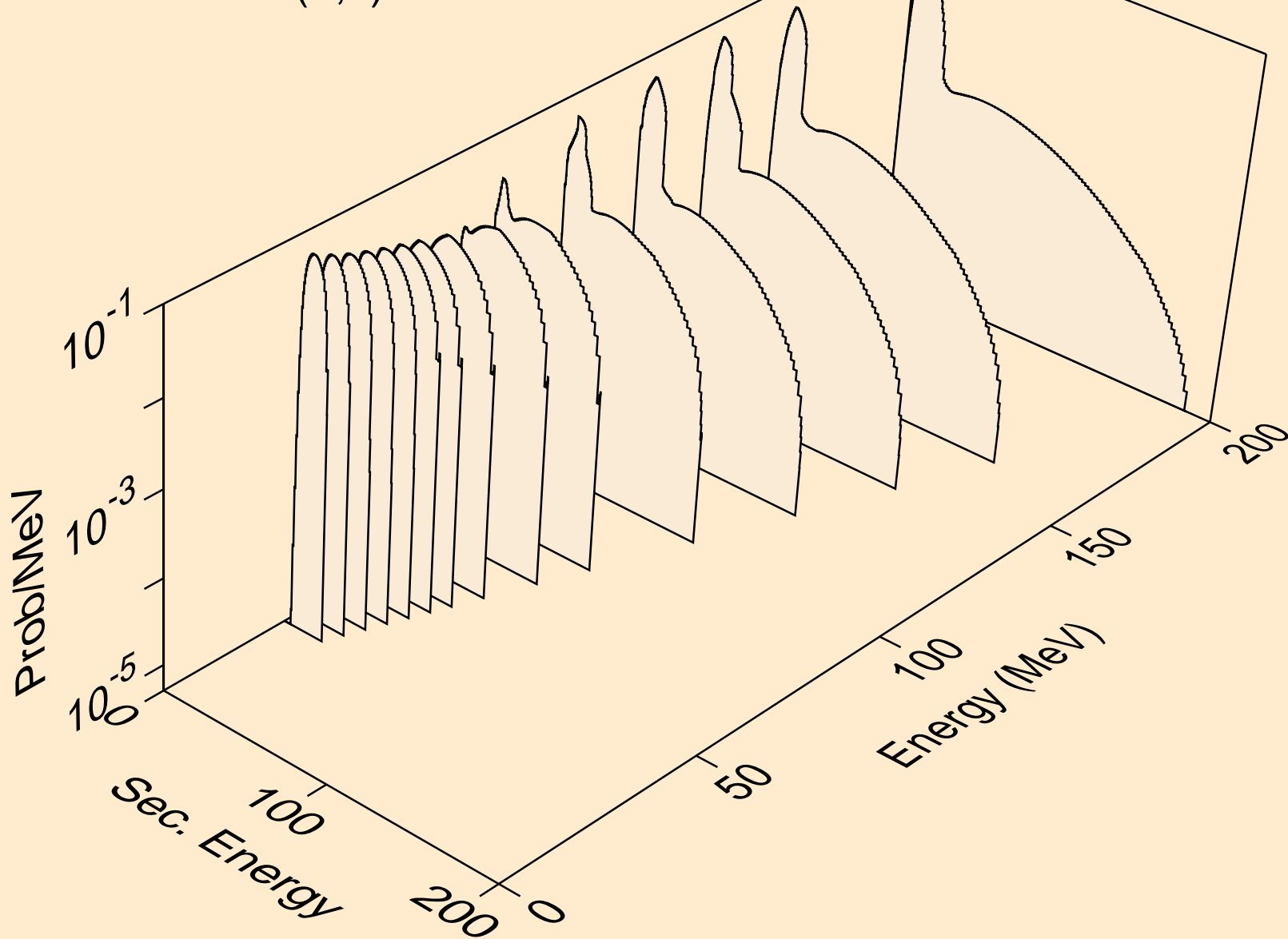




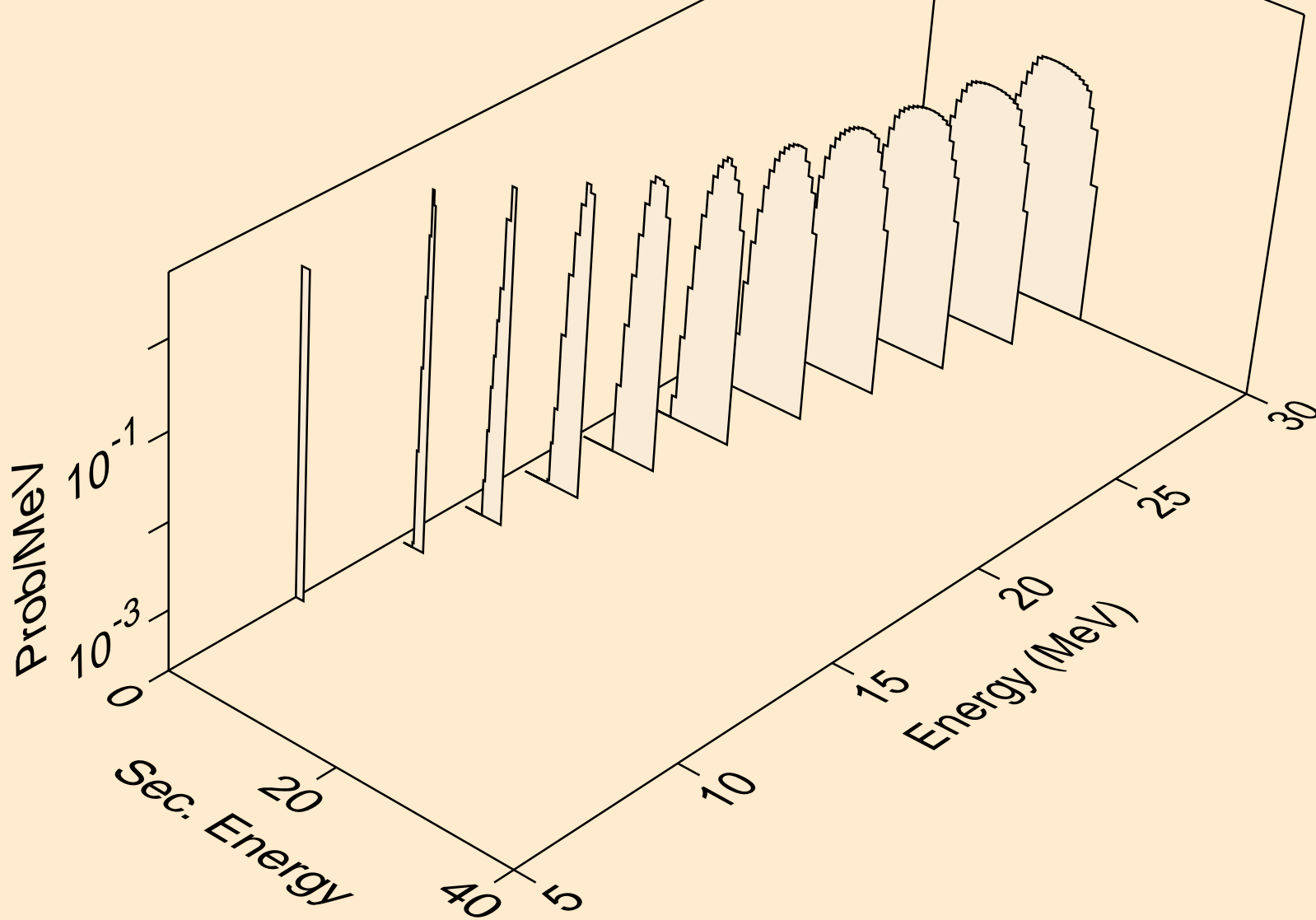
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



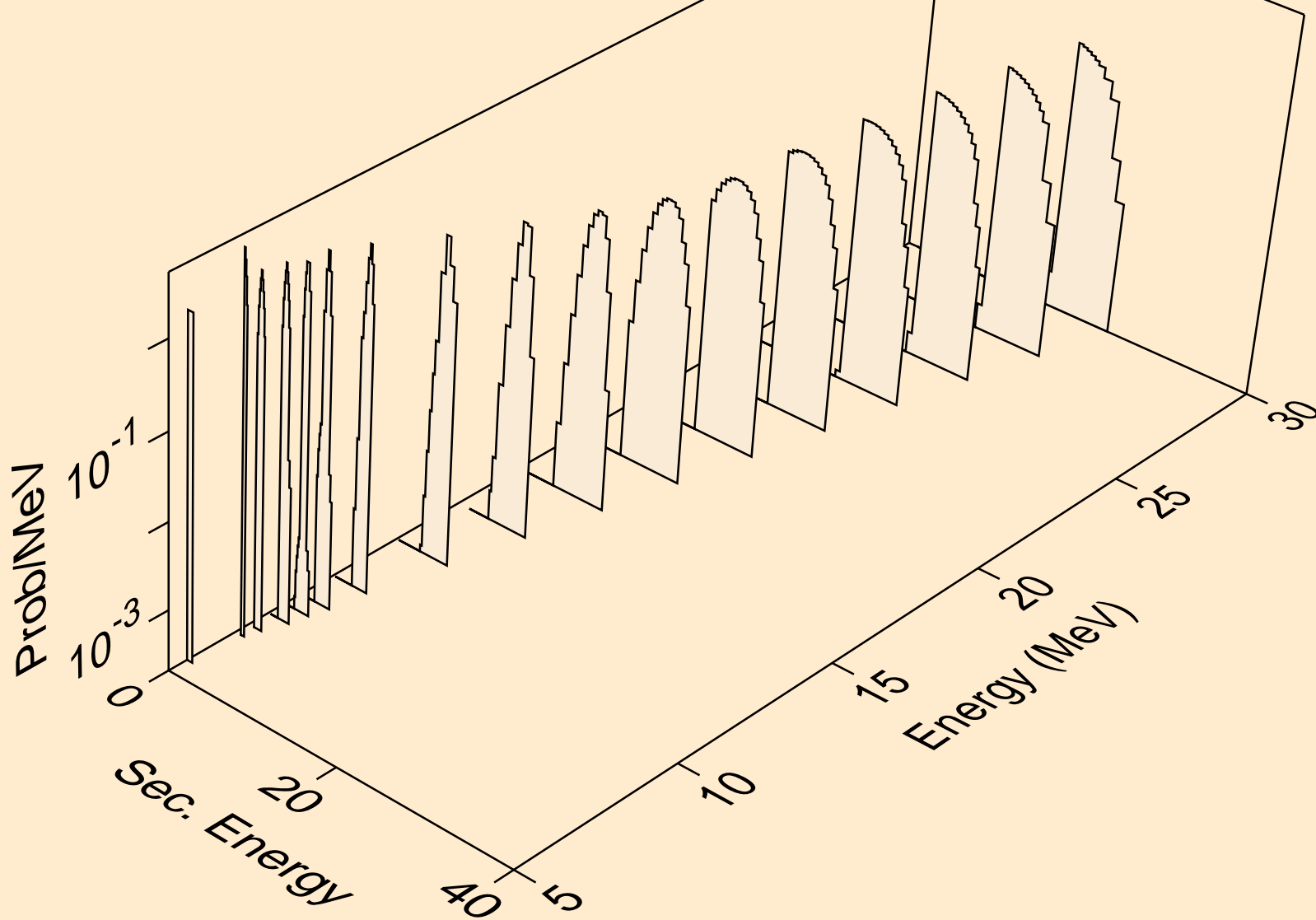
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



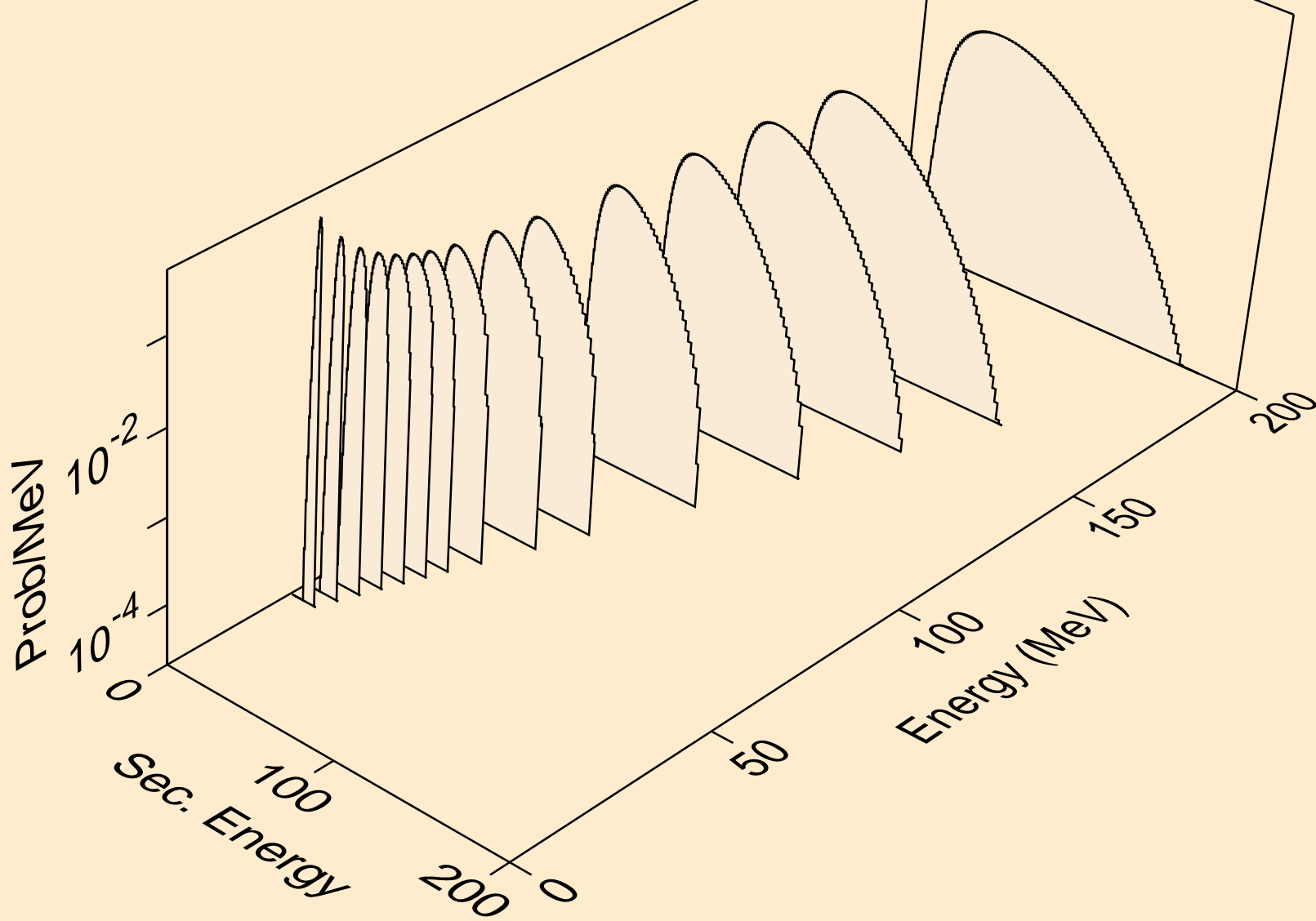
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



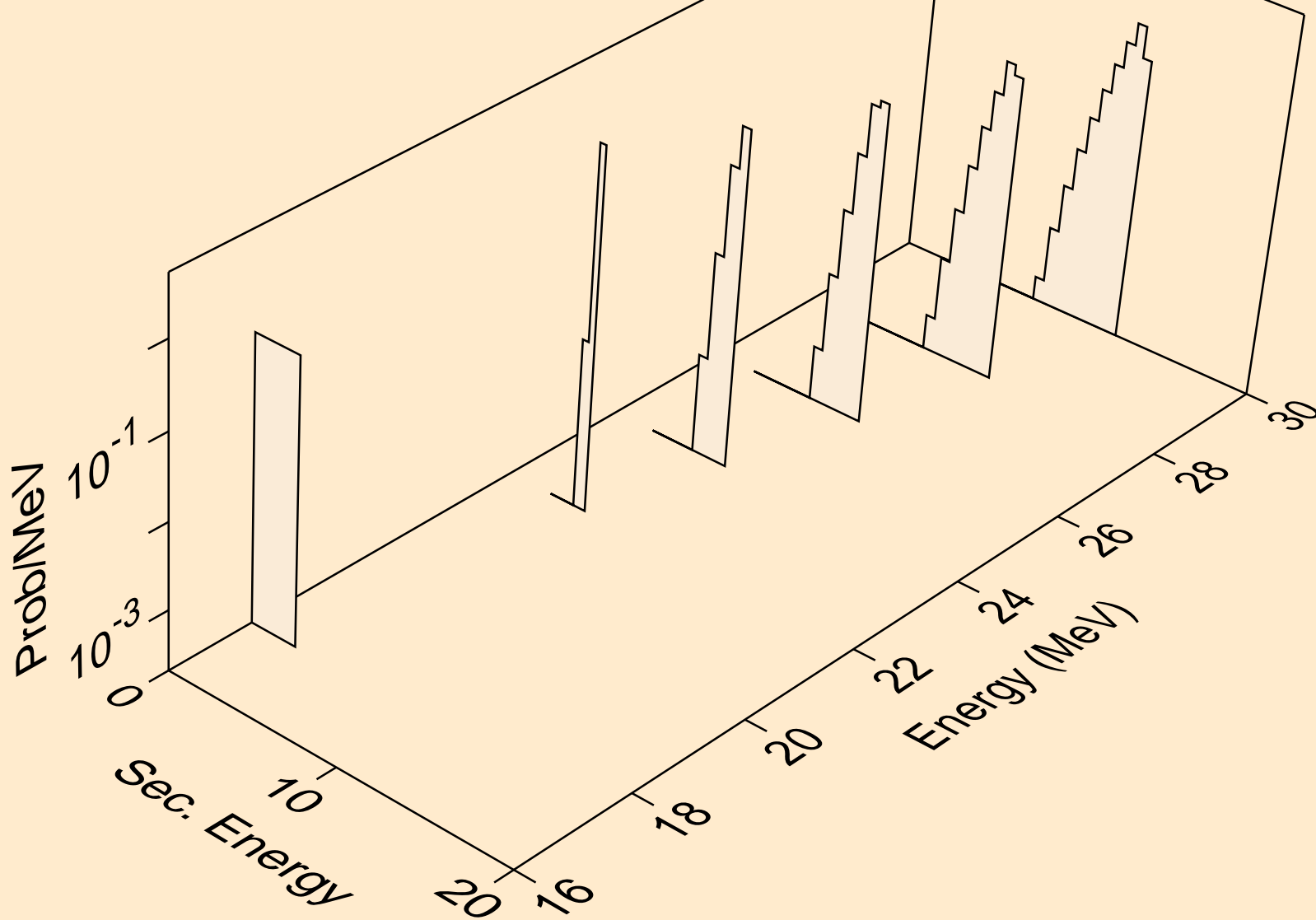
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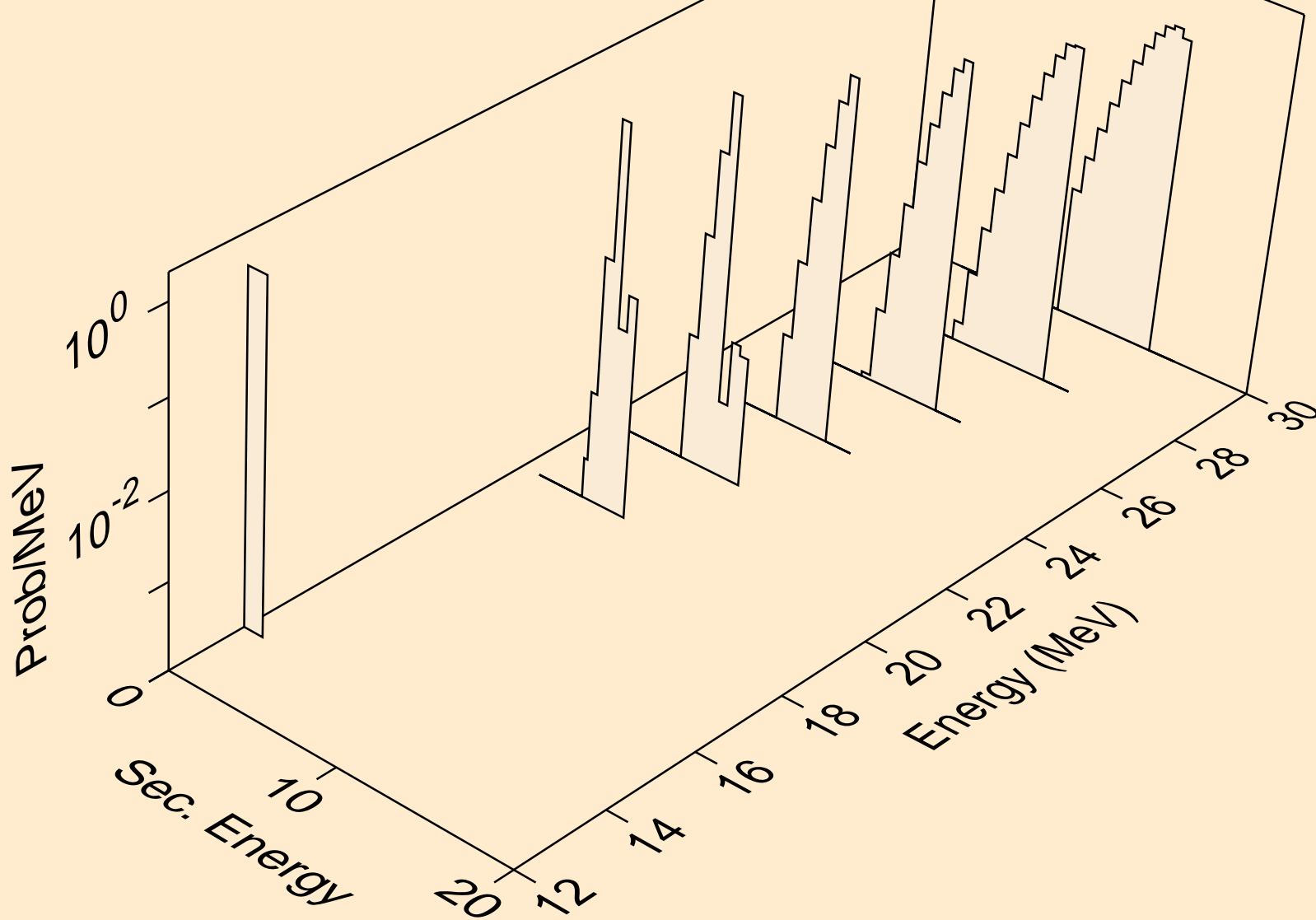
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



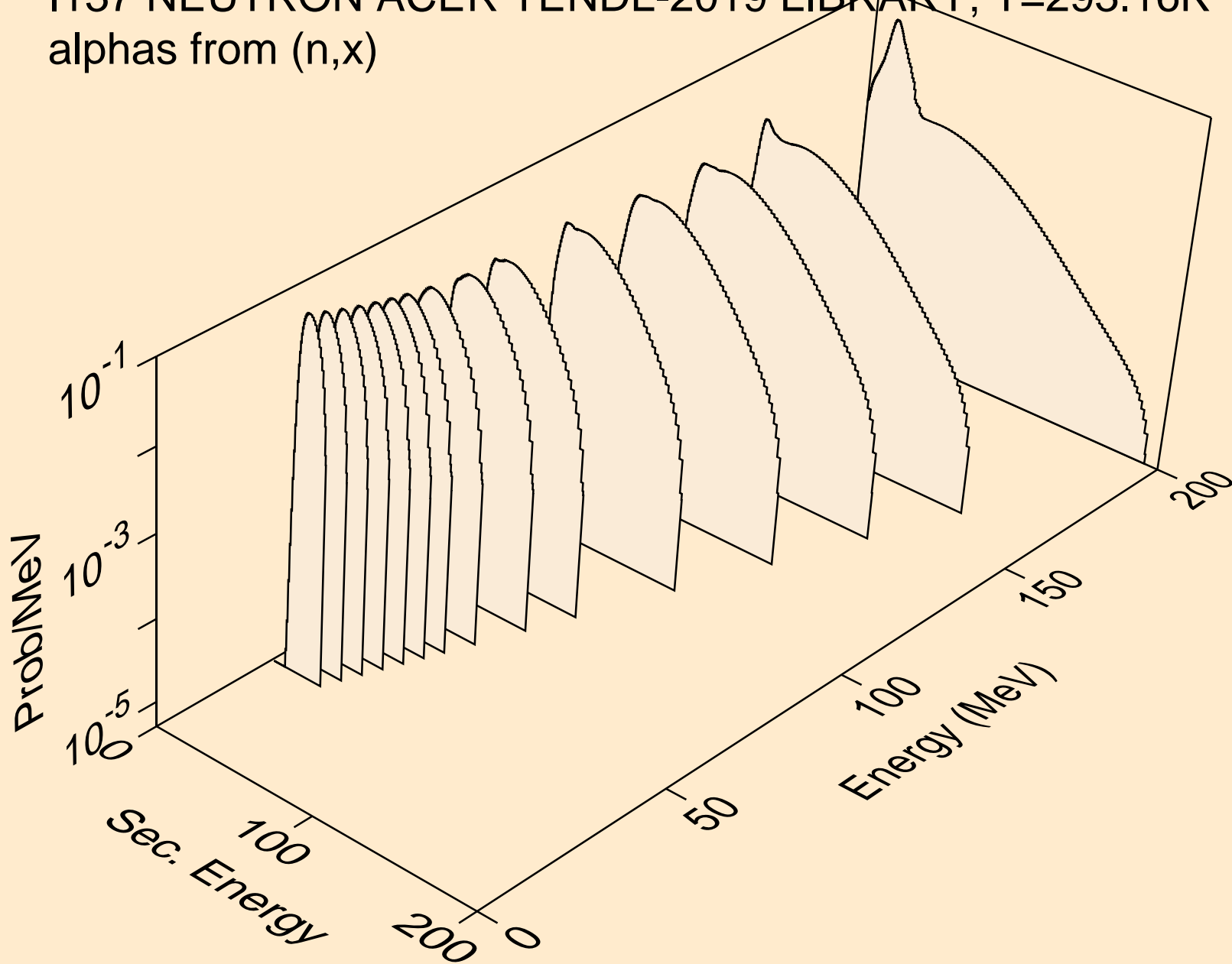
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)

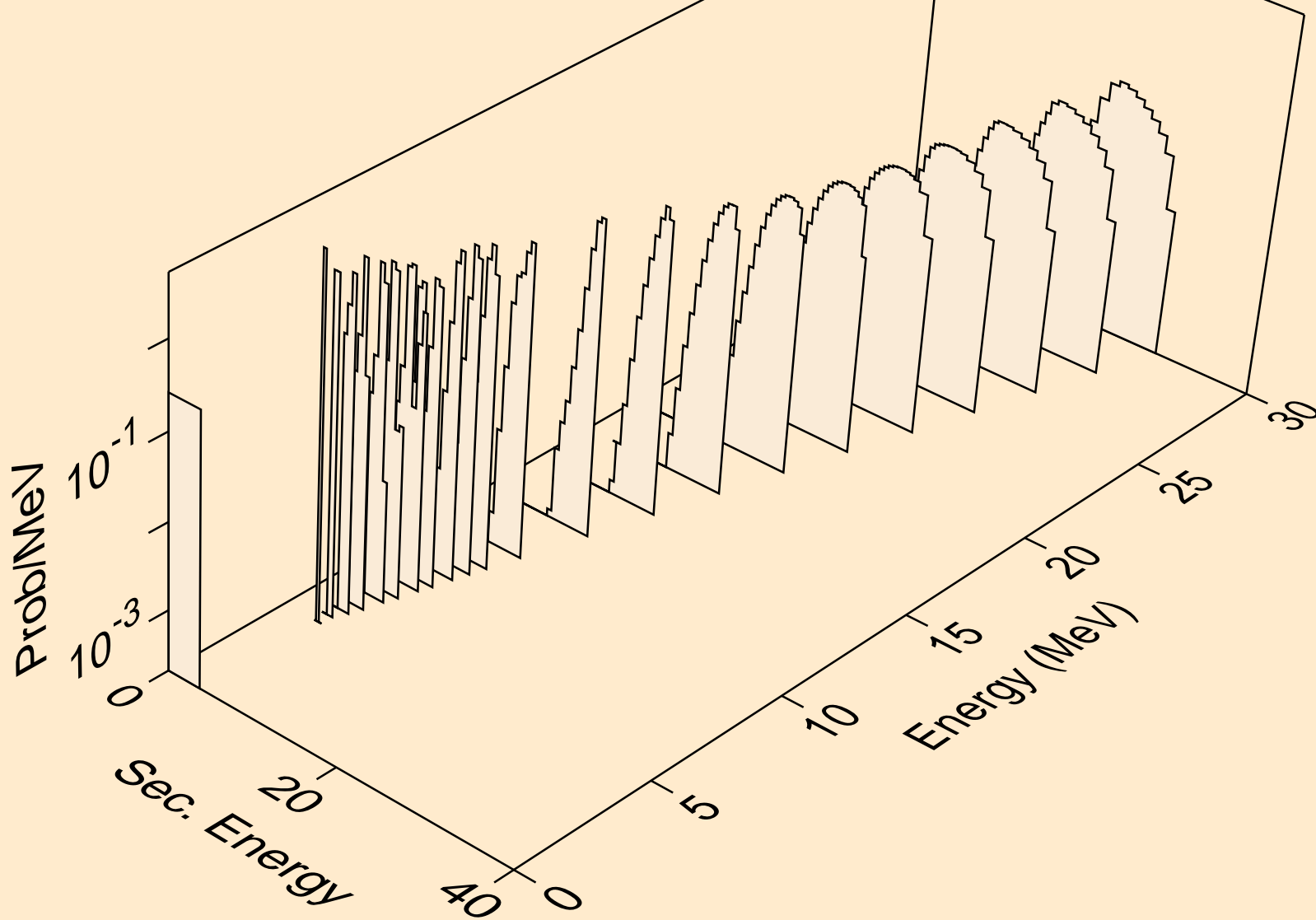


I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)

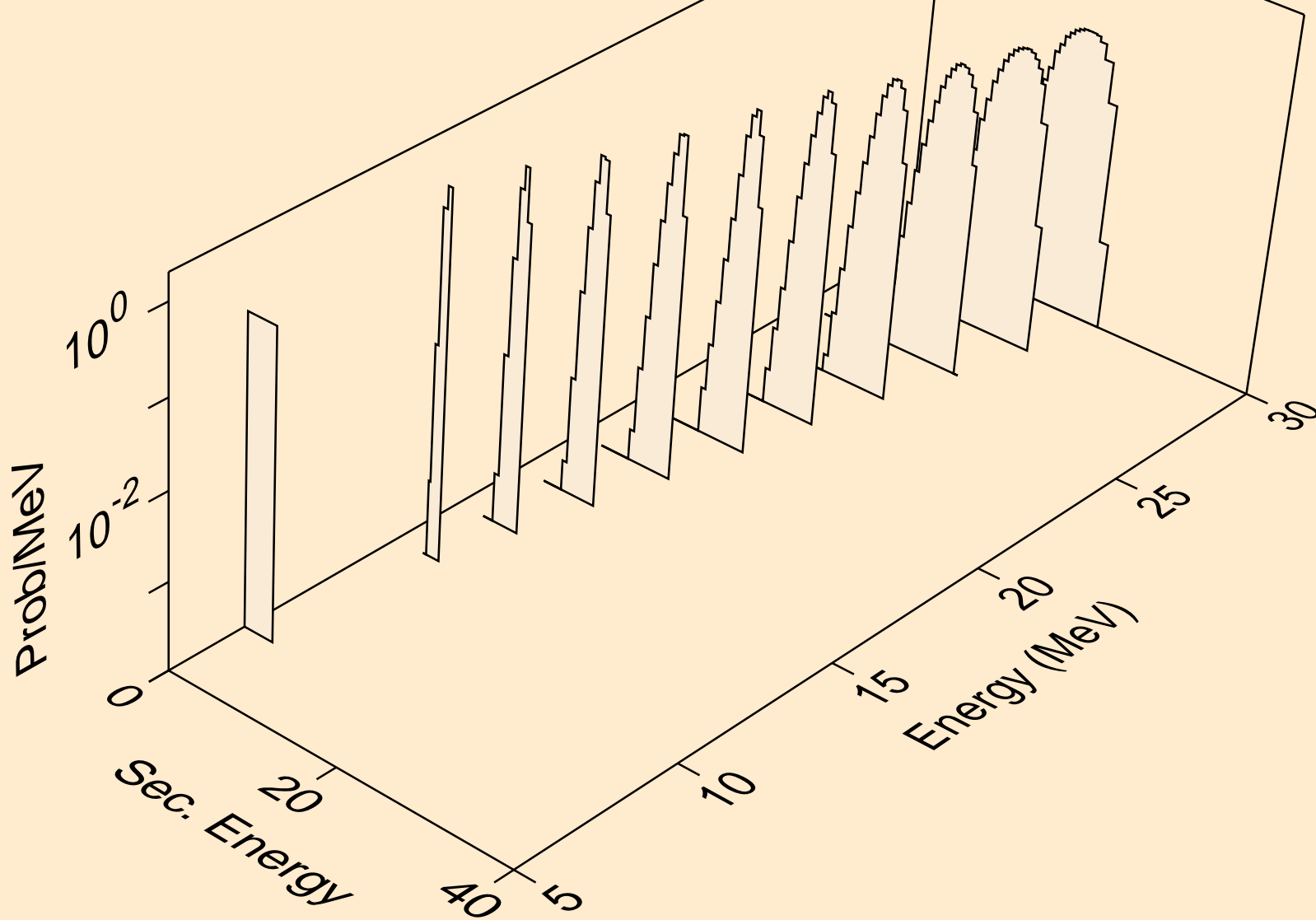




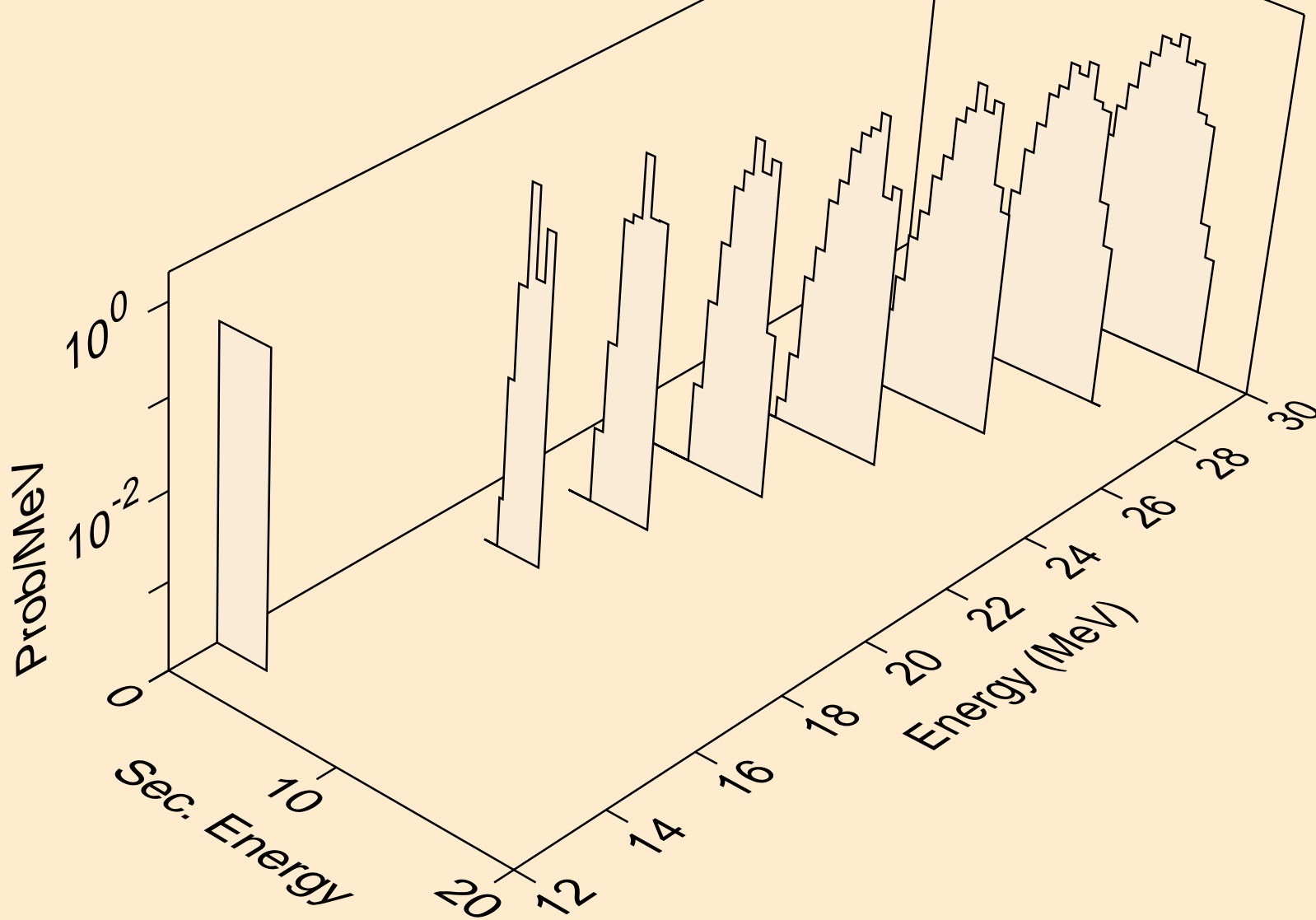
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



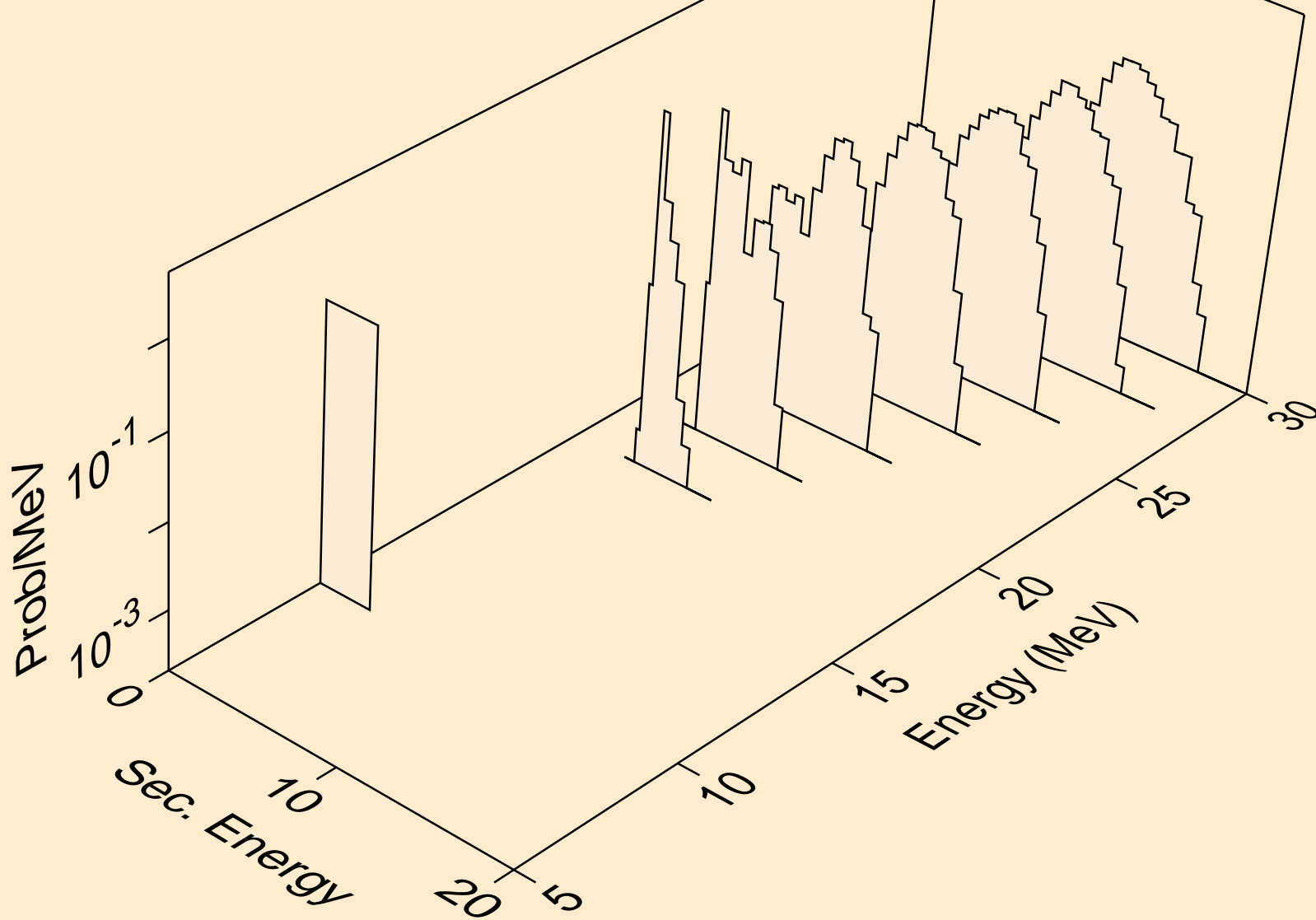
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alphas from (n,2n)a



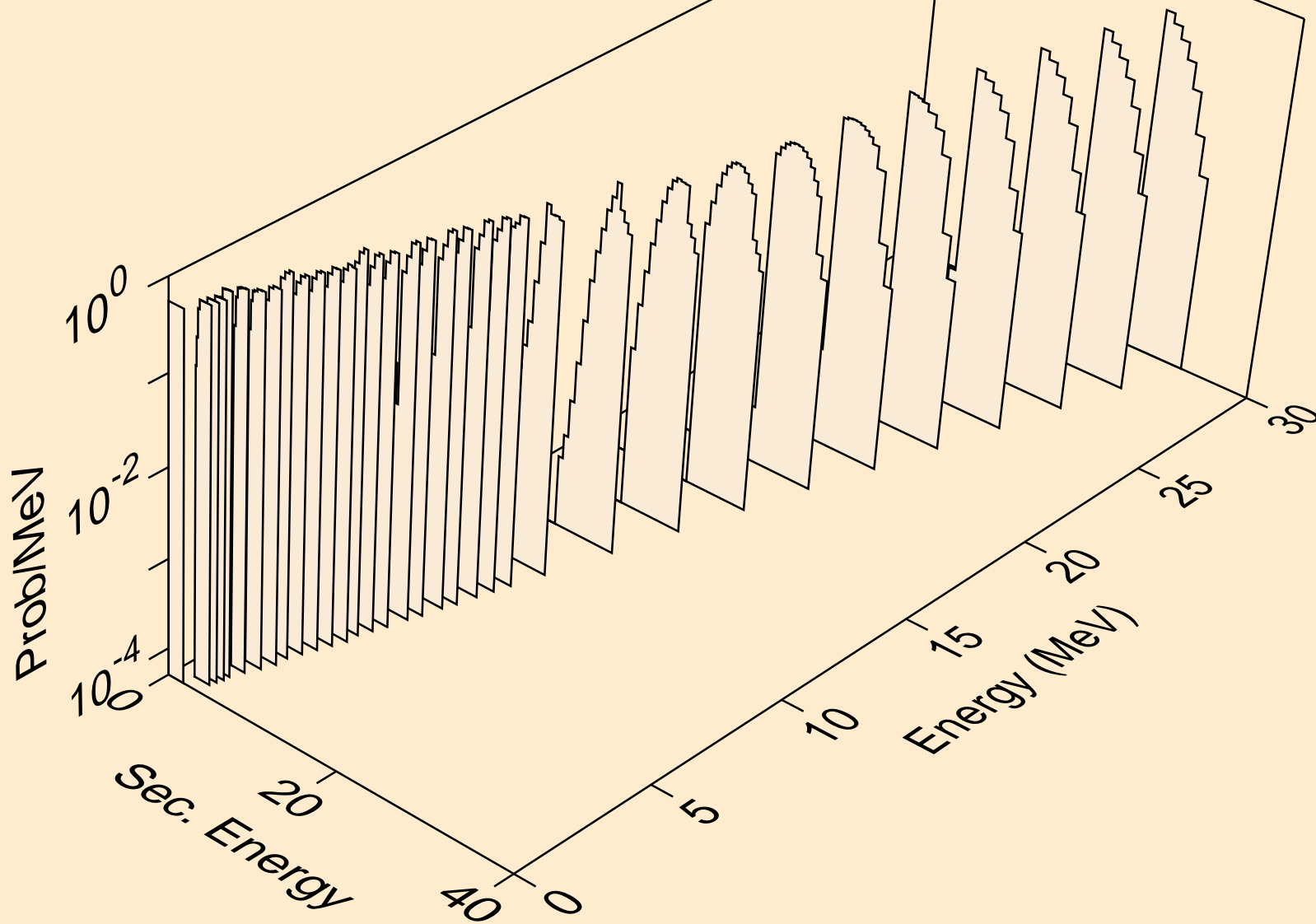
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alphas from (n,3n)a



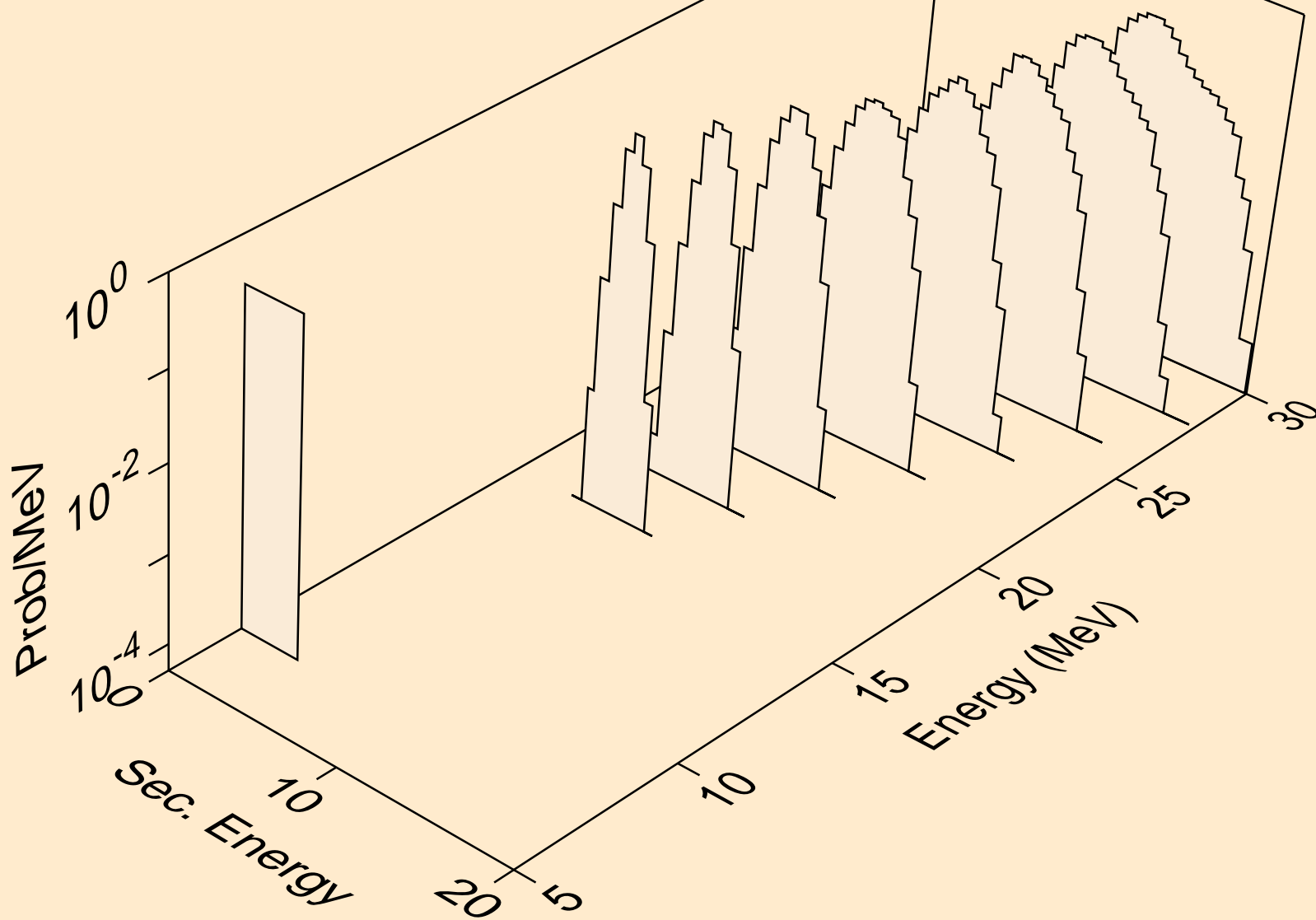
I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



I137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

