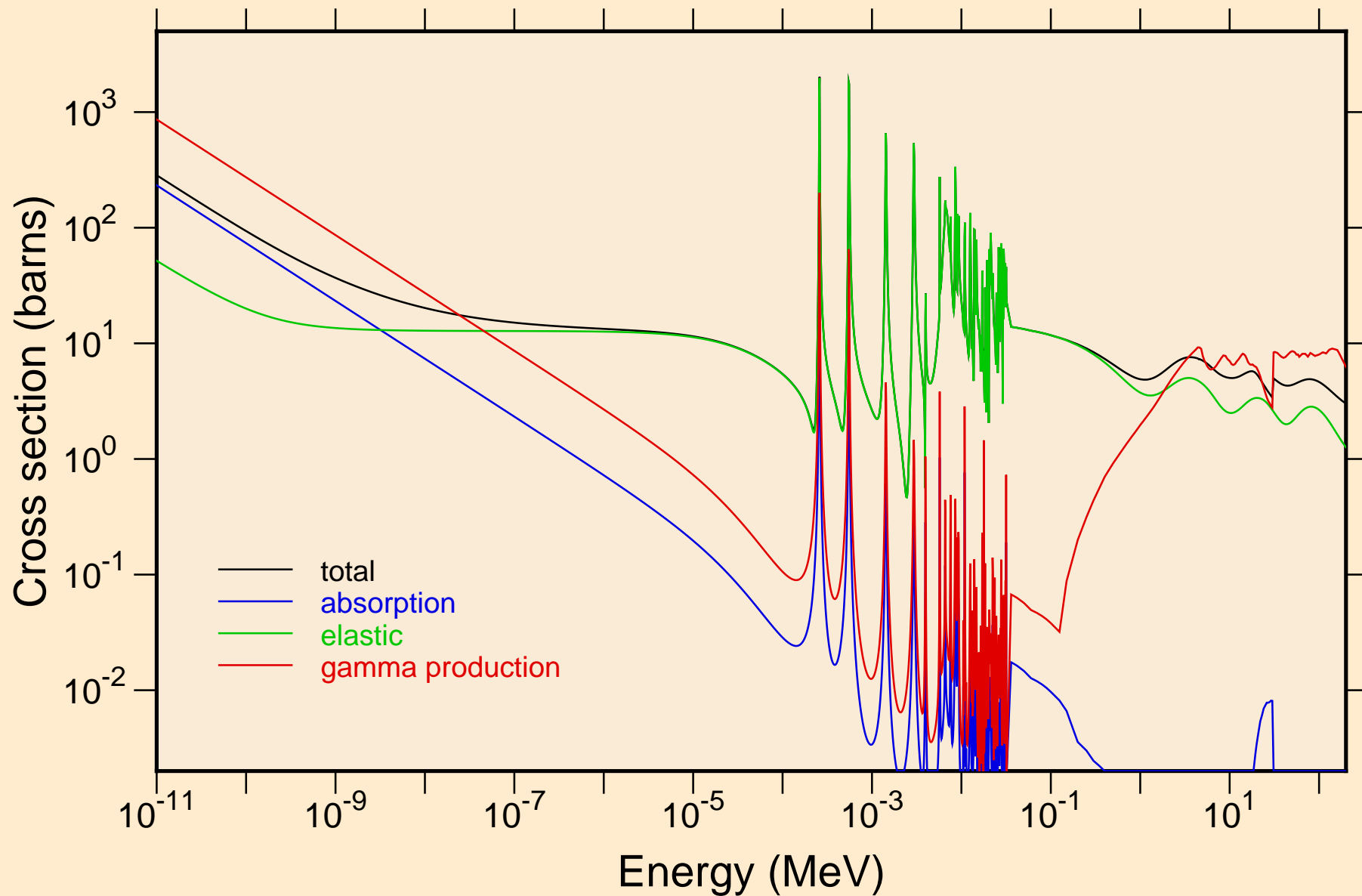
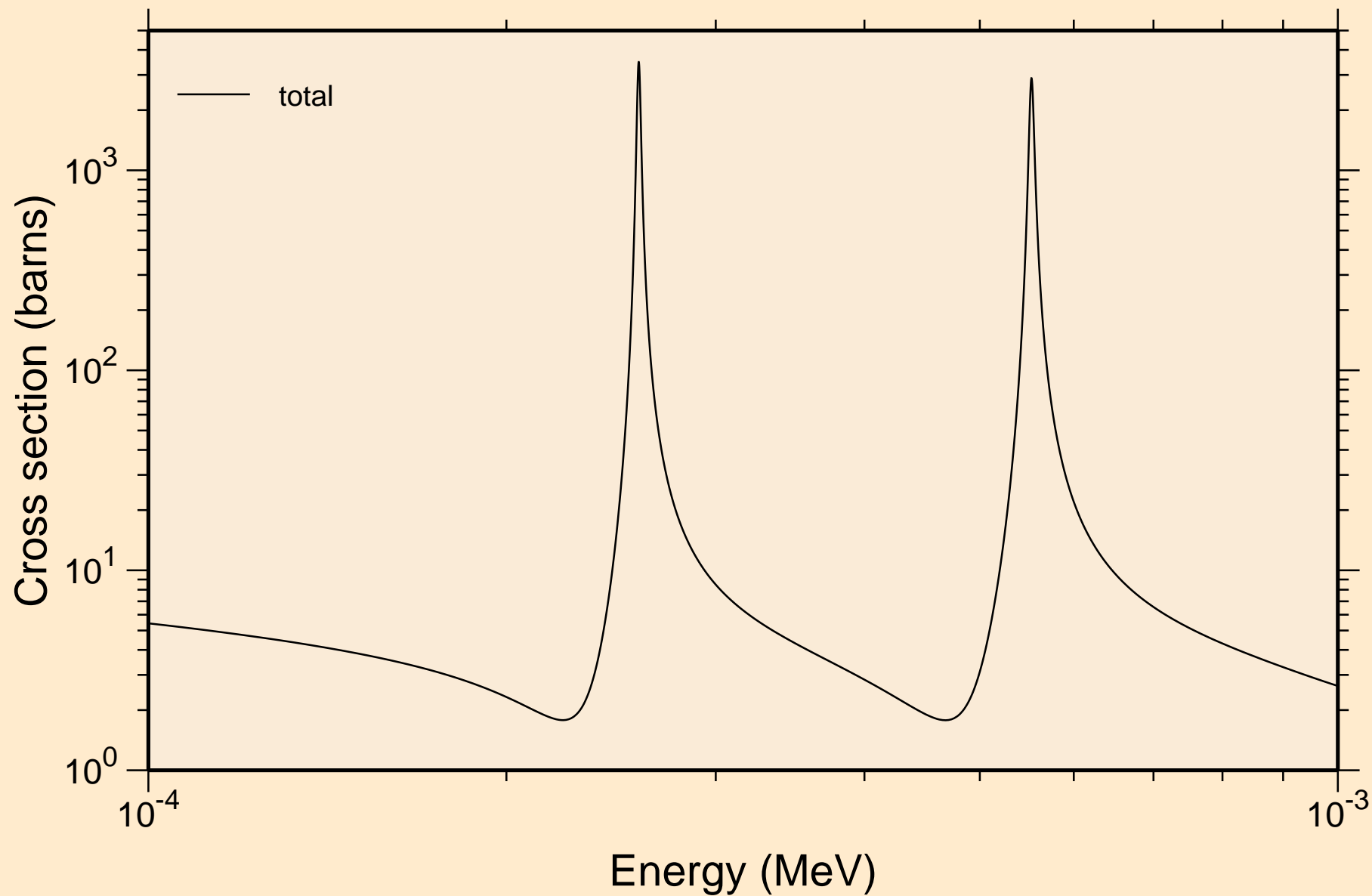


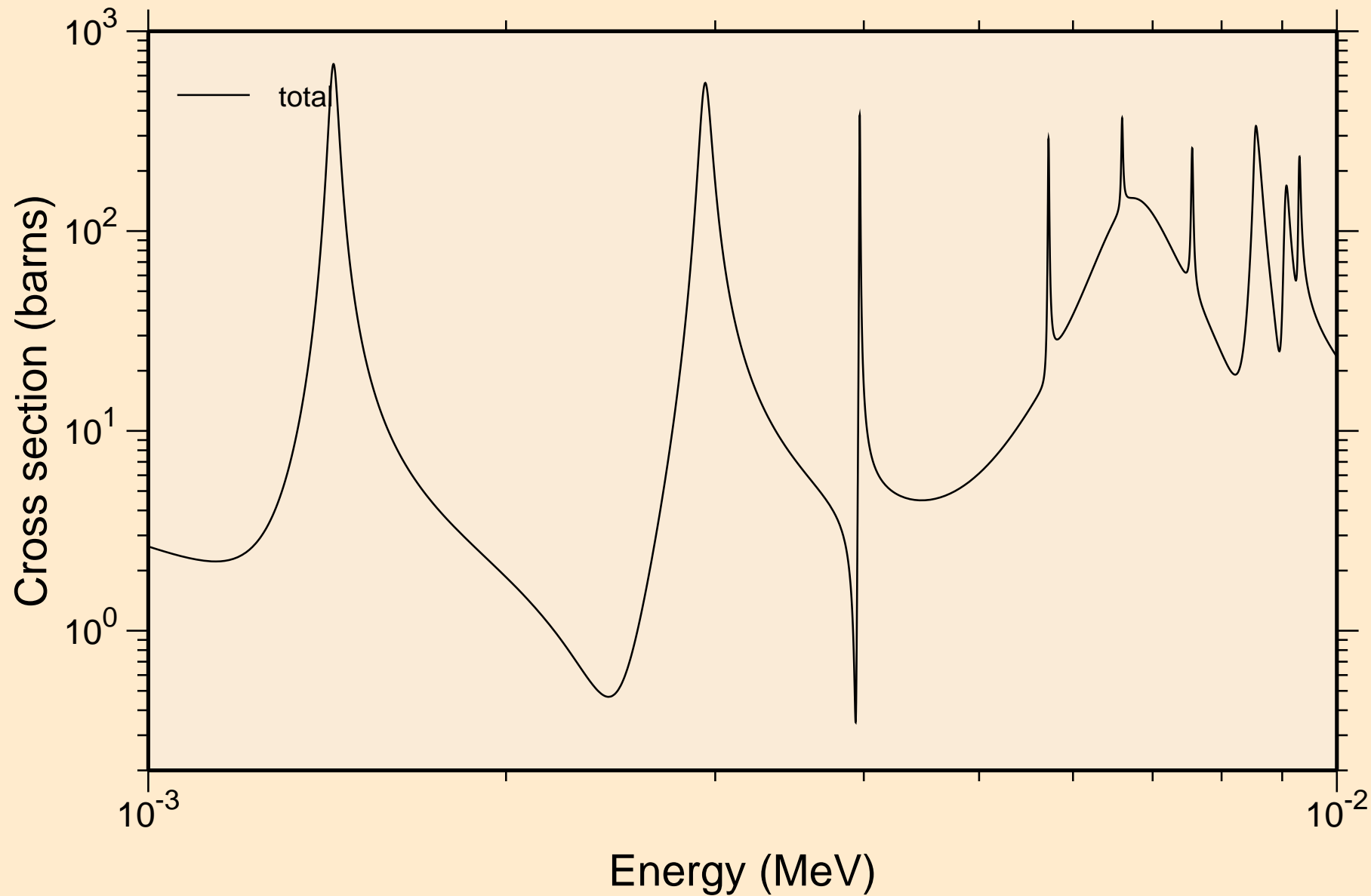
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Principal cross sections



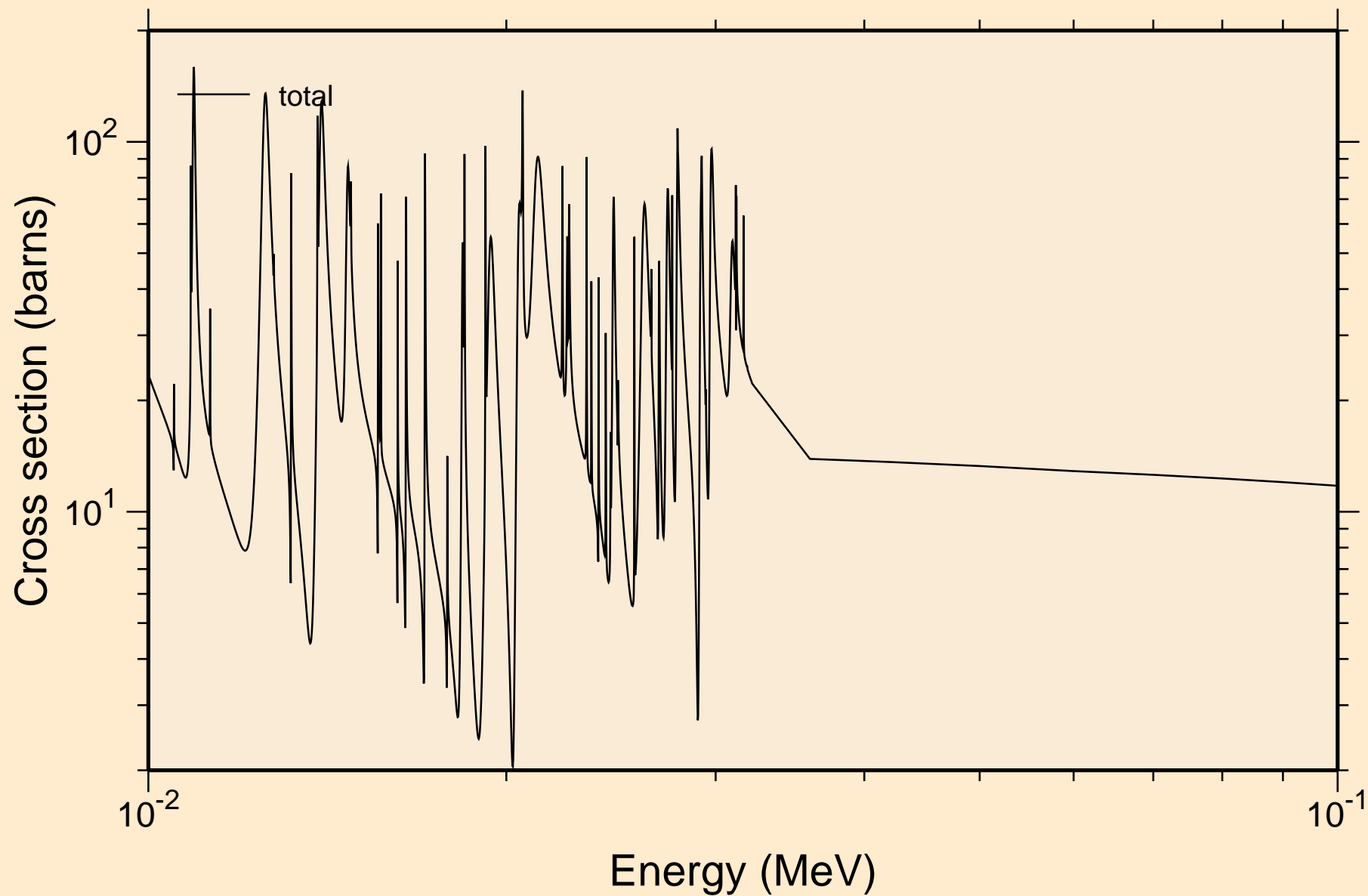
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resonance total cross section



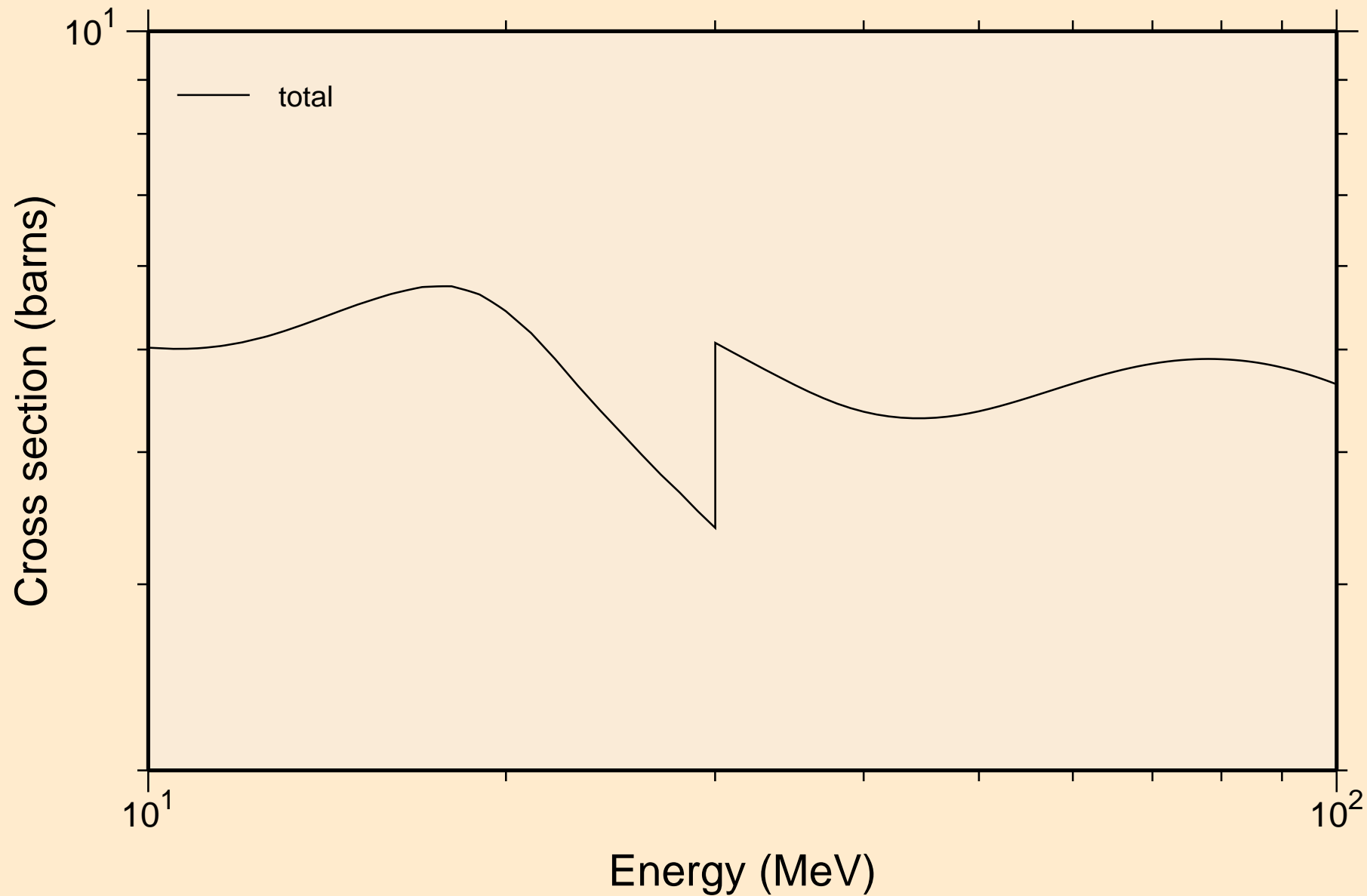
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resonance total cross section



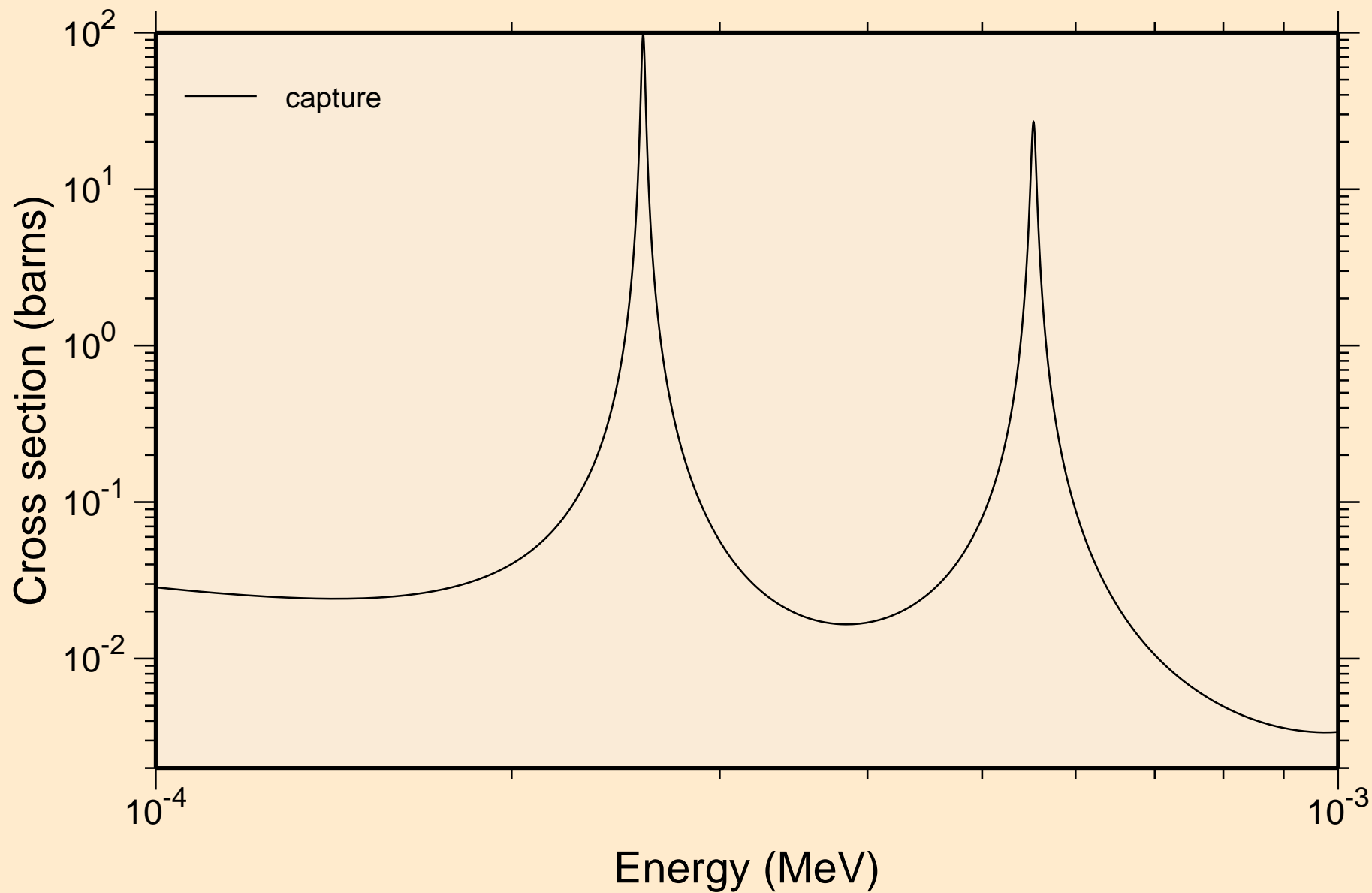
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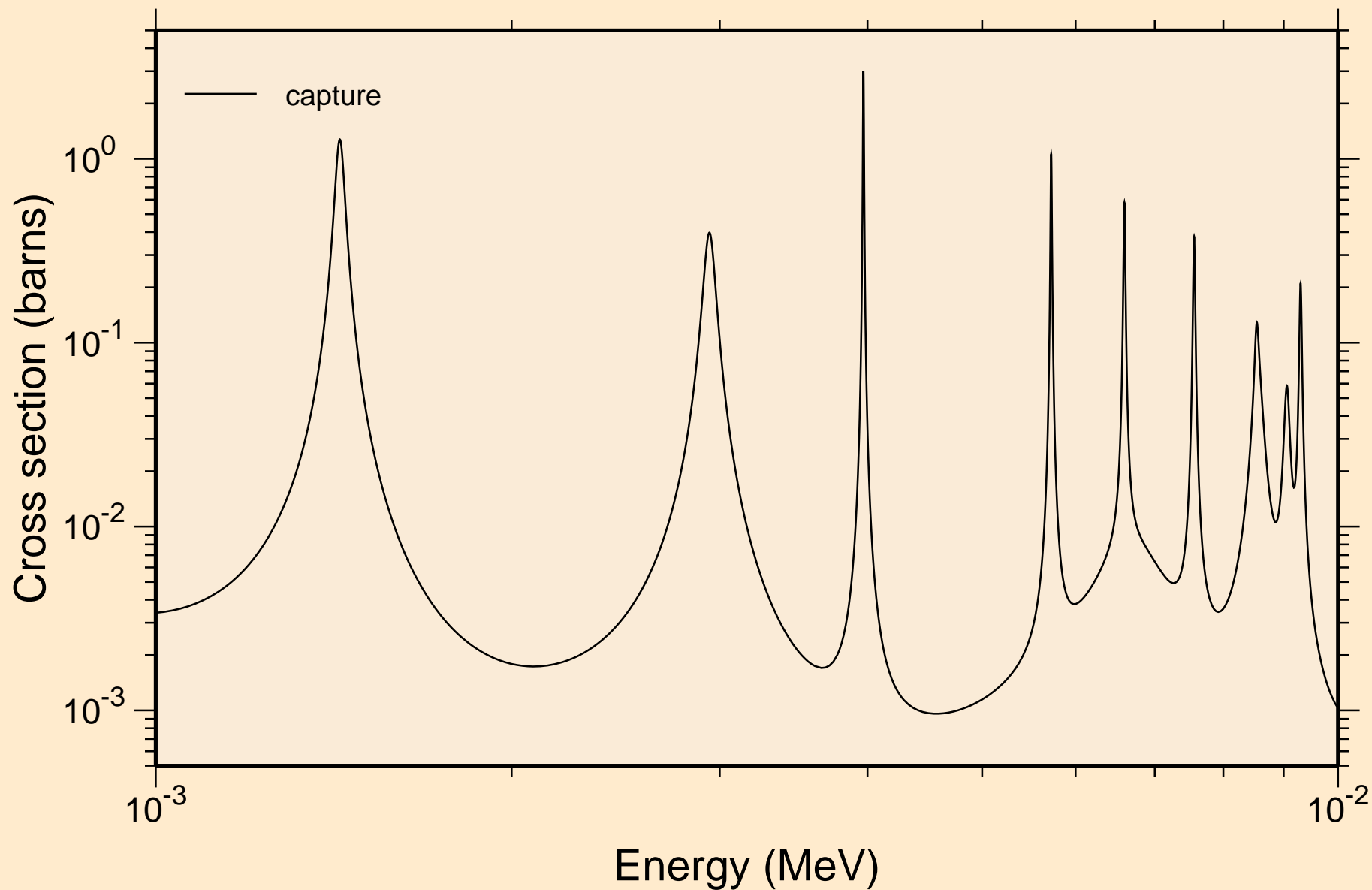
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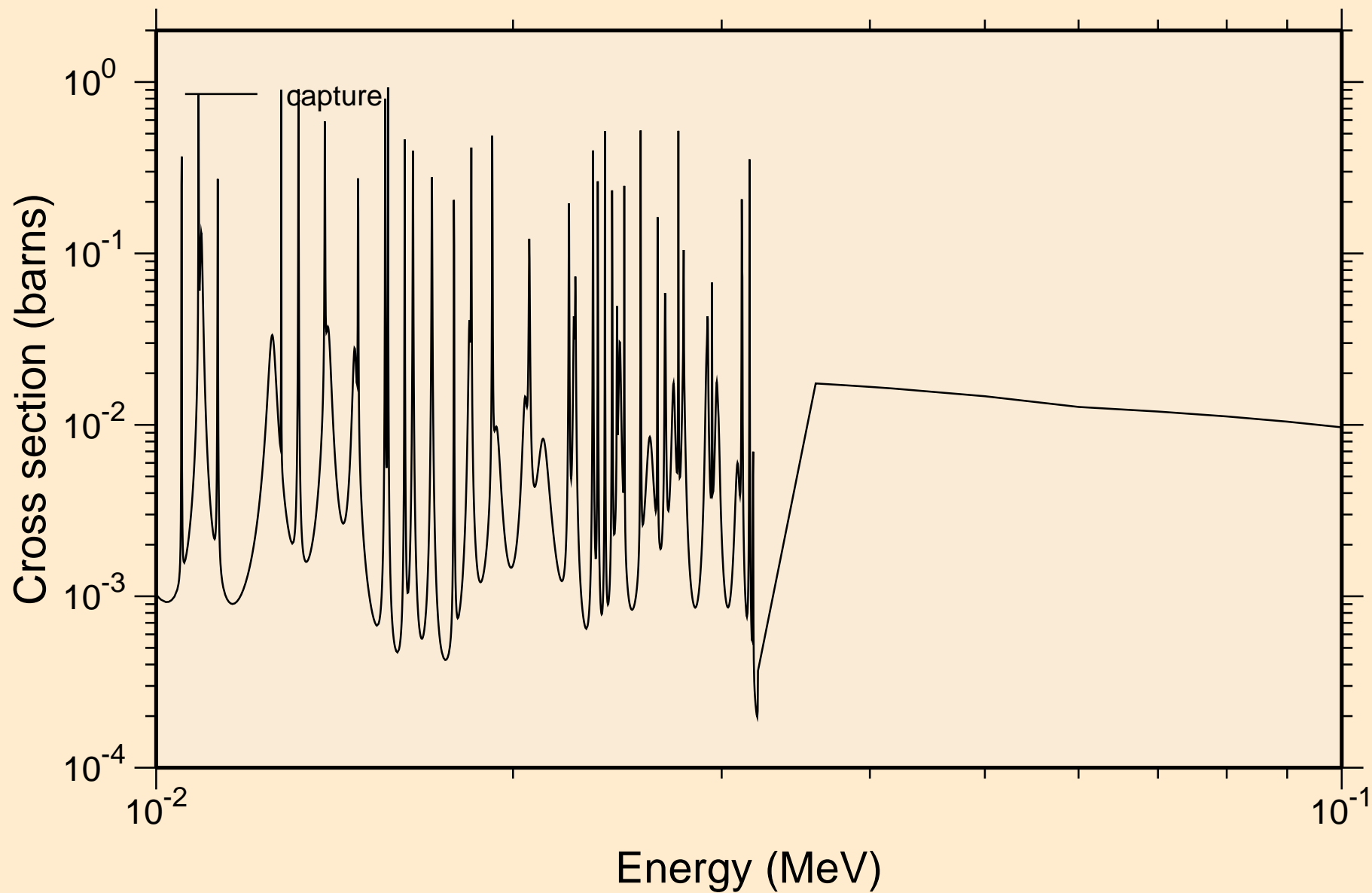
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resonance absorption cross sections



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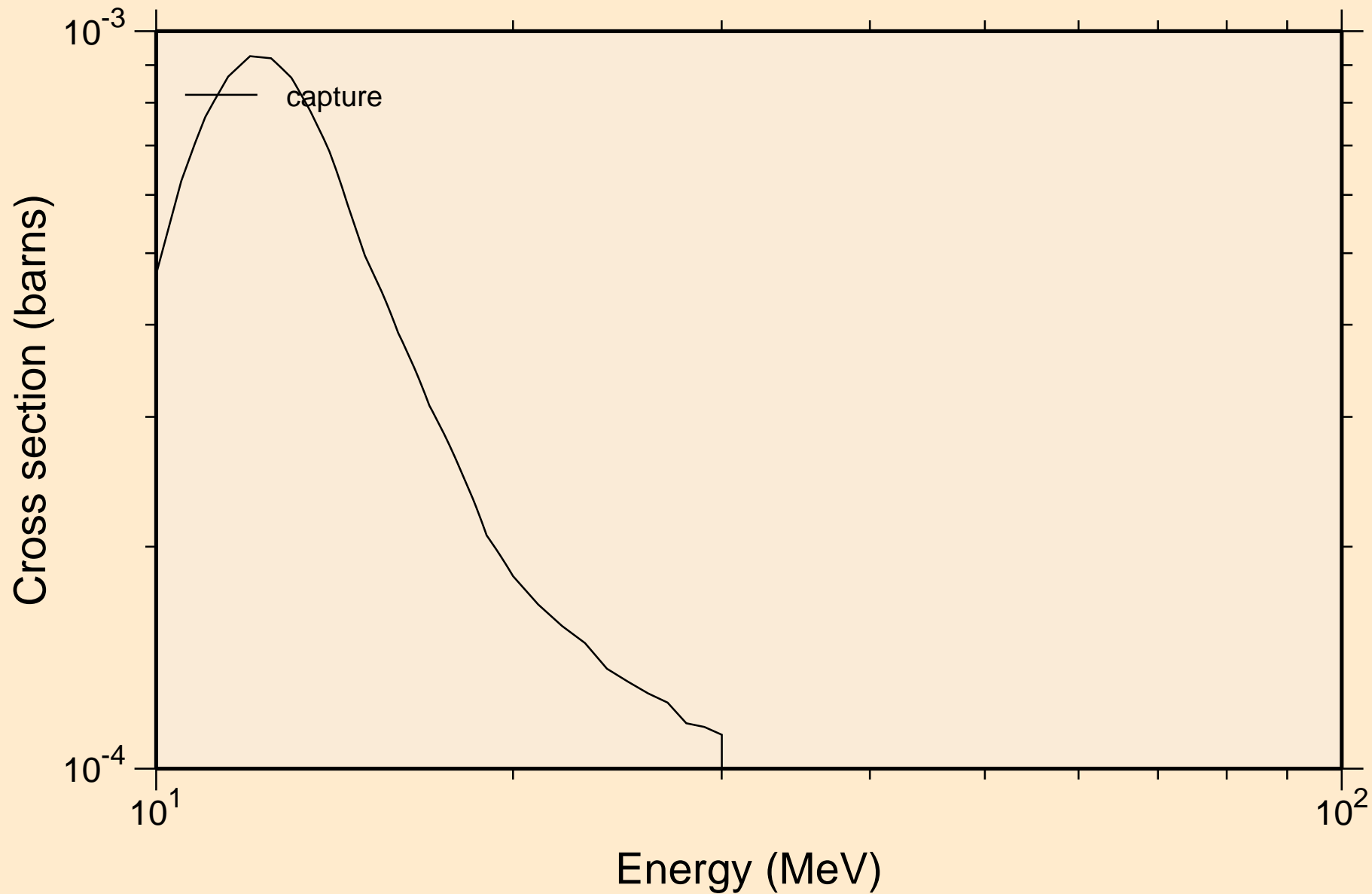


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resonance absorption cross sections

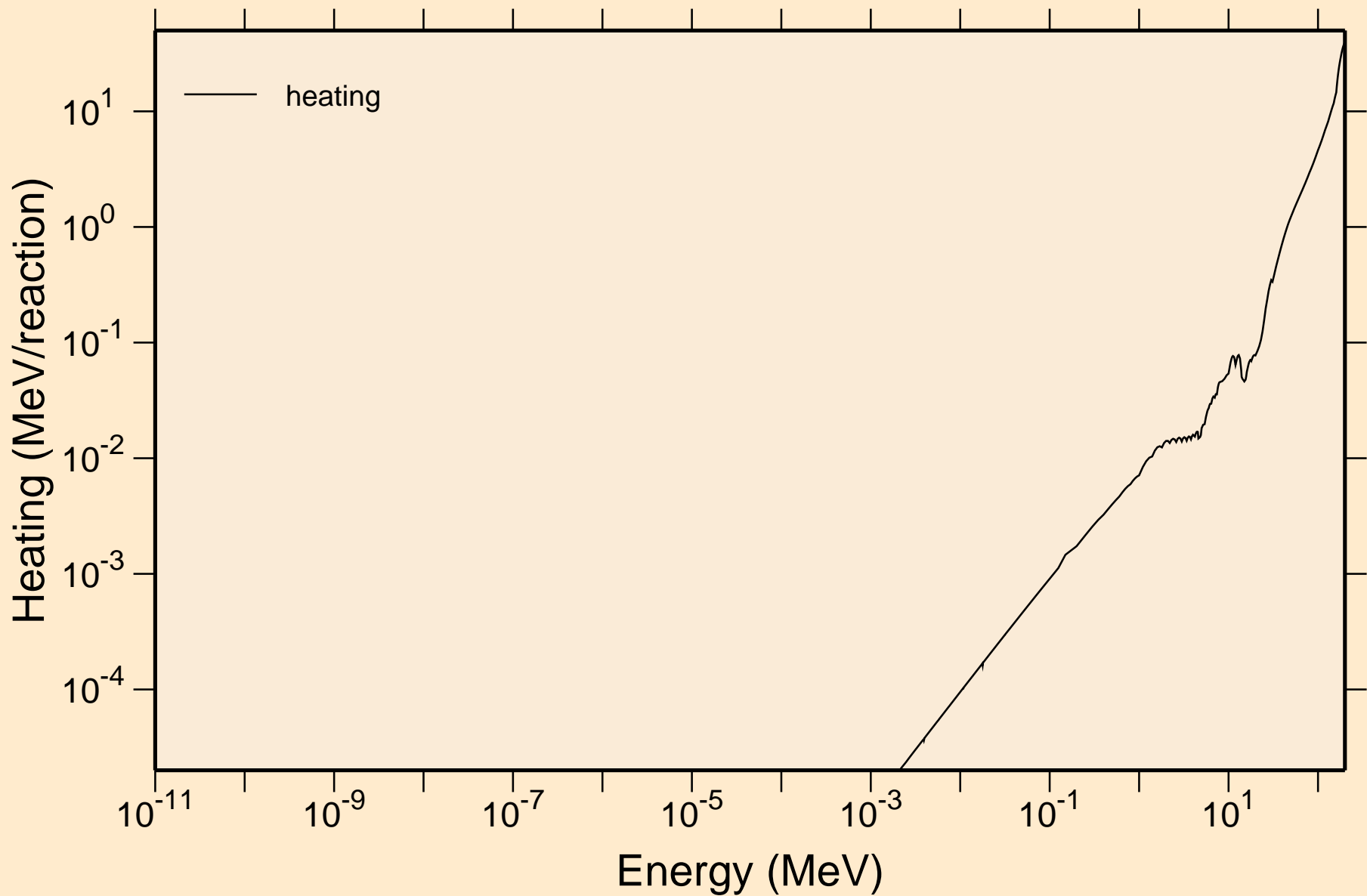




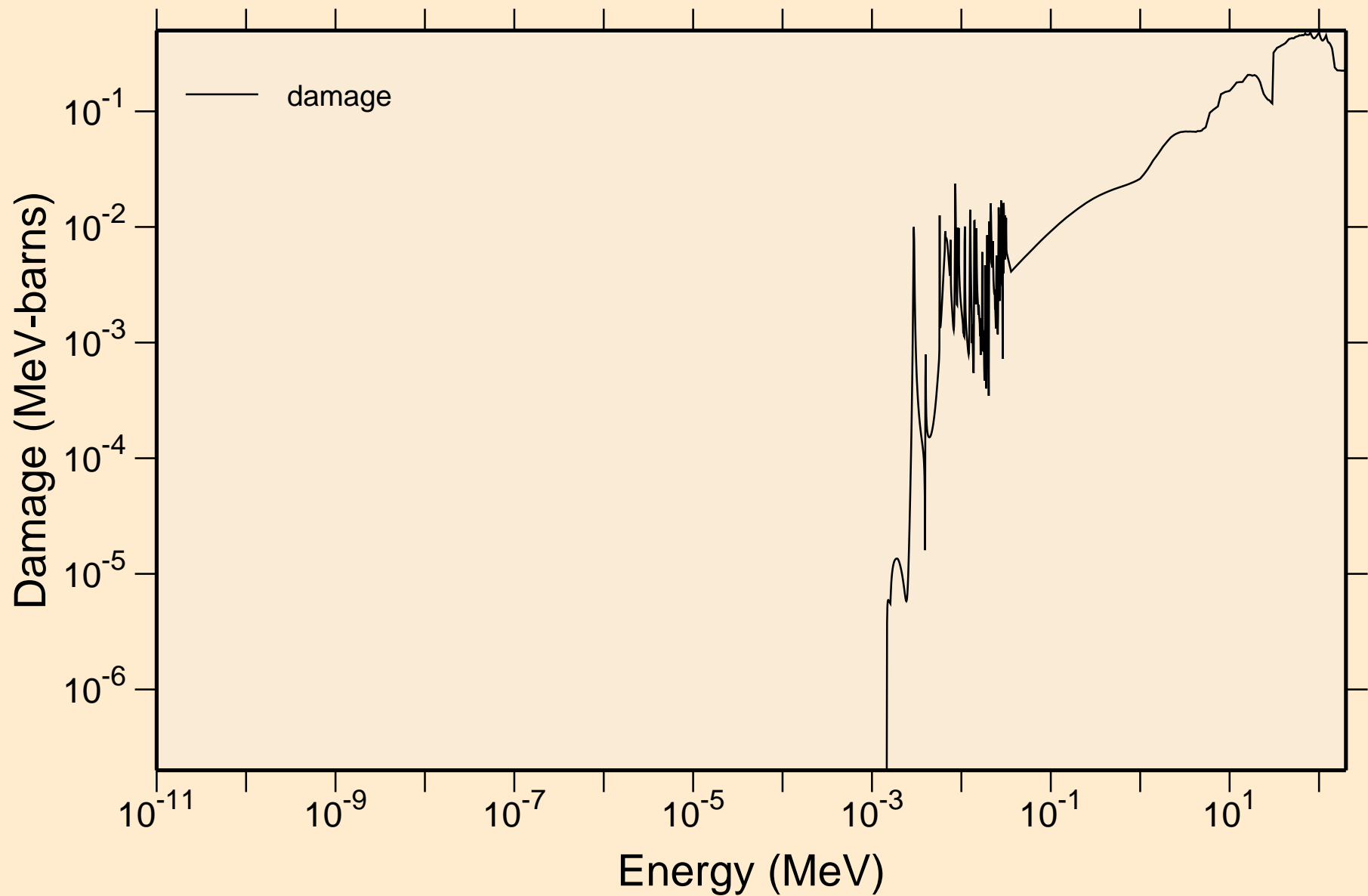
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resonance absorption cross sections



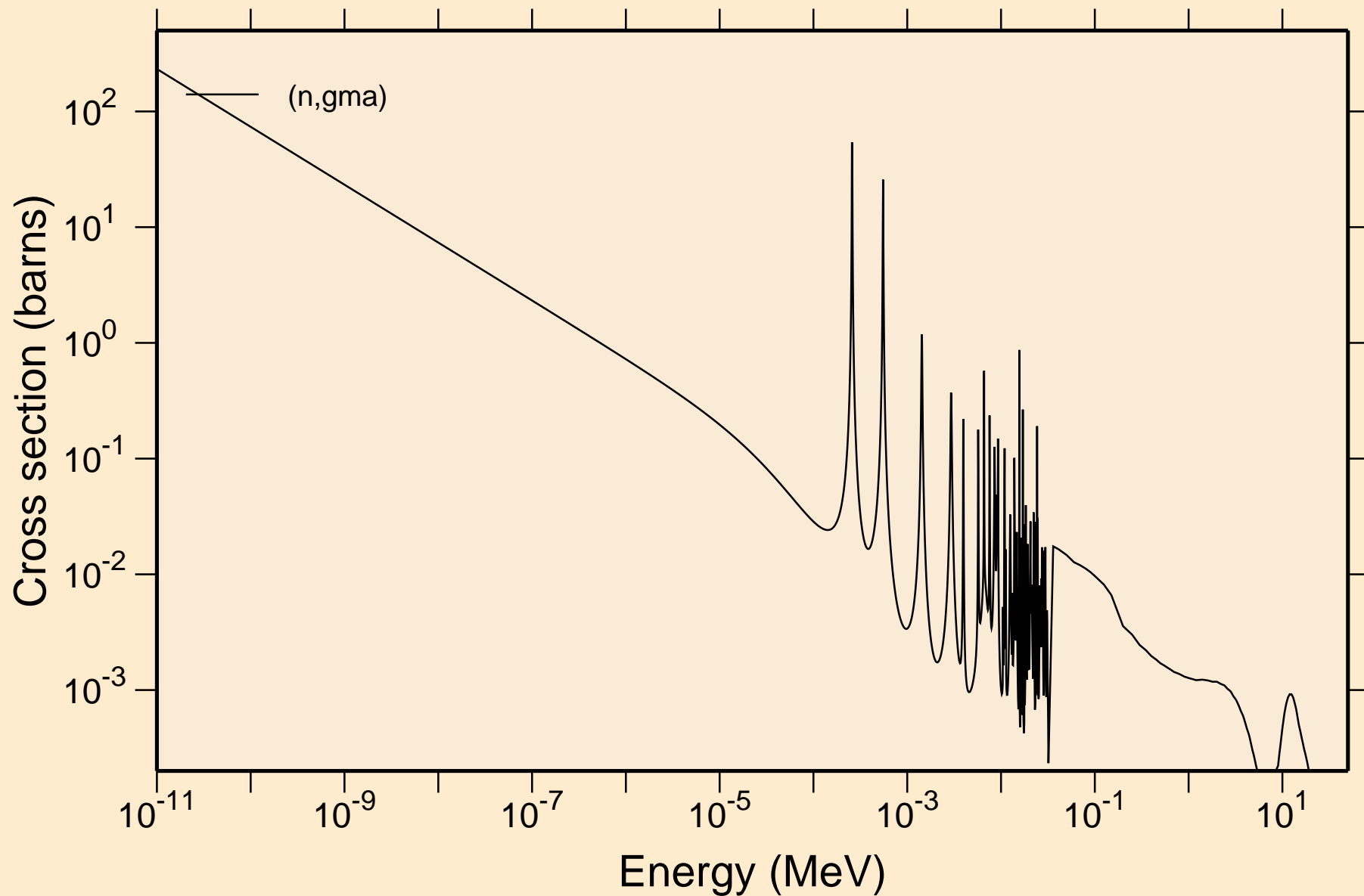
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Heating



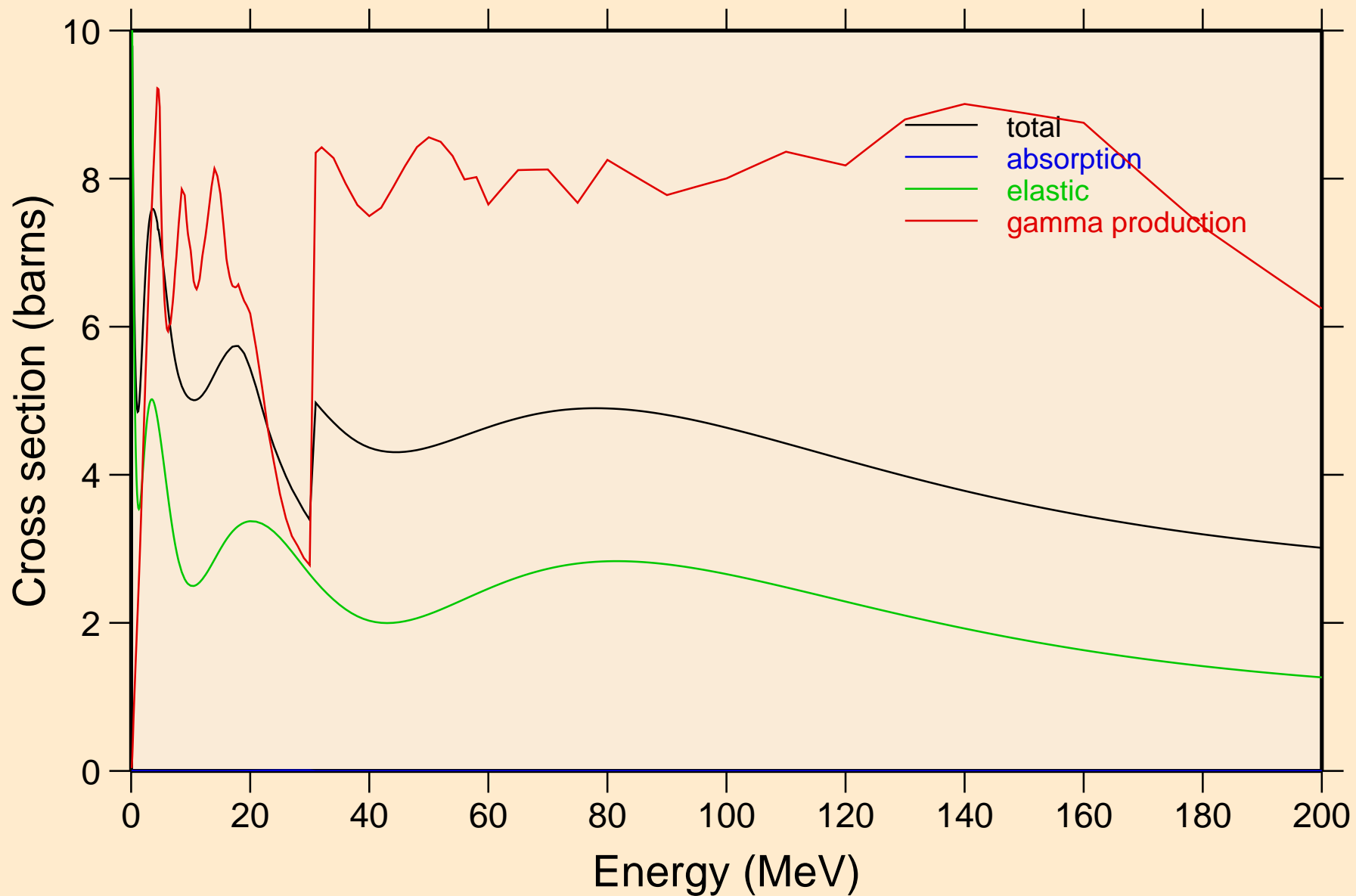
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Damage



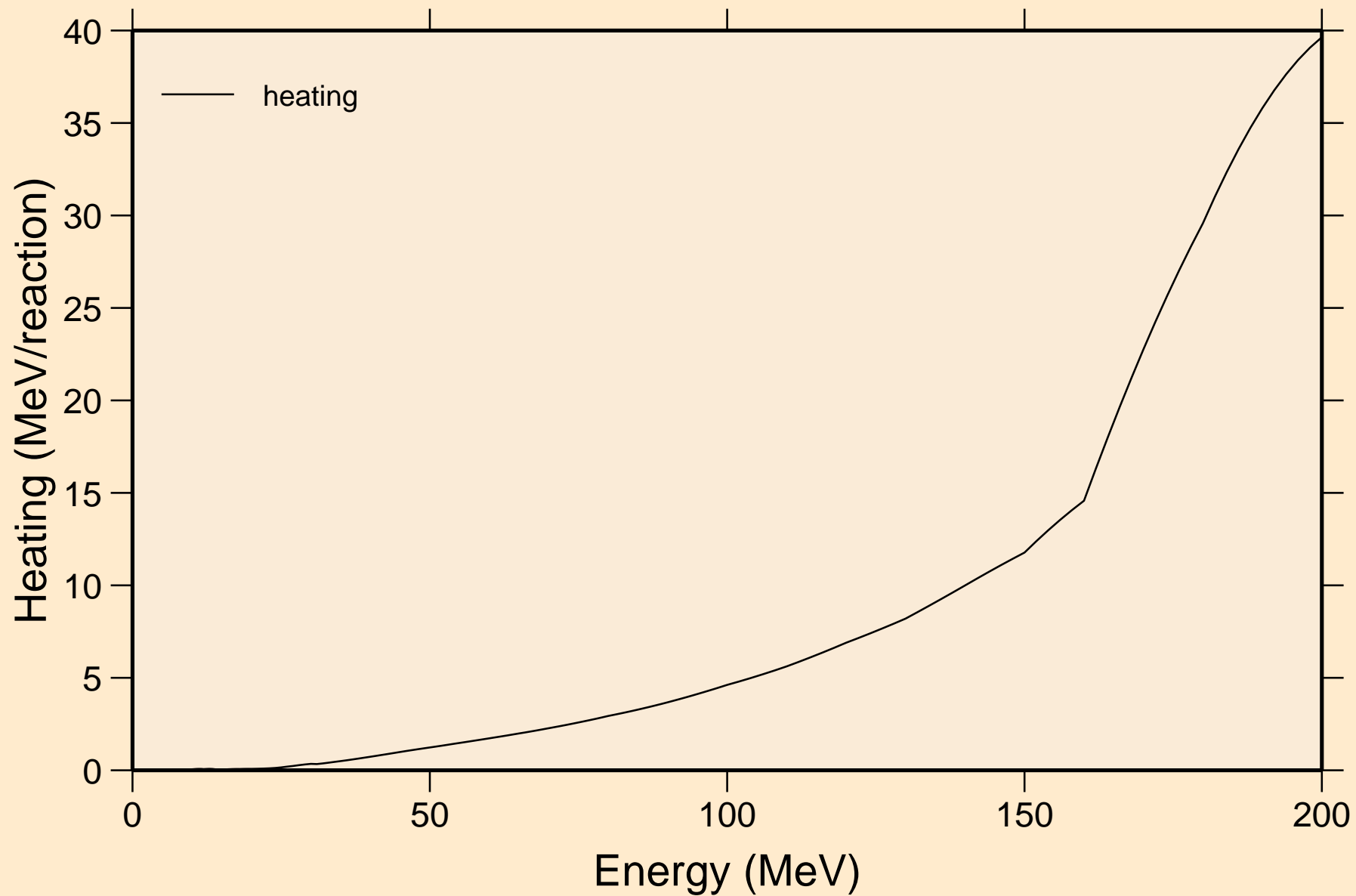
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Non-threshold reactions



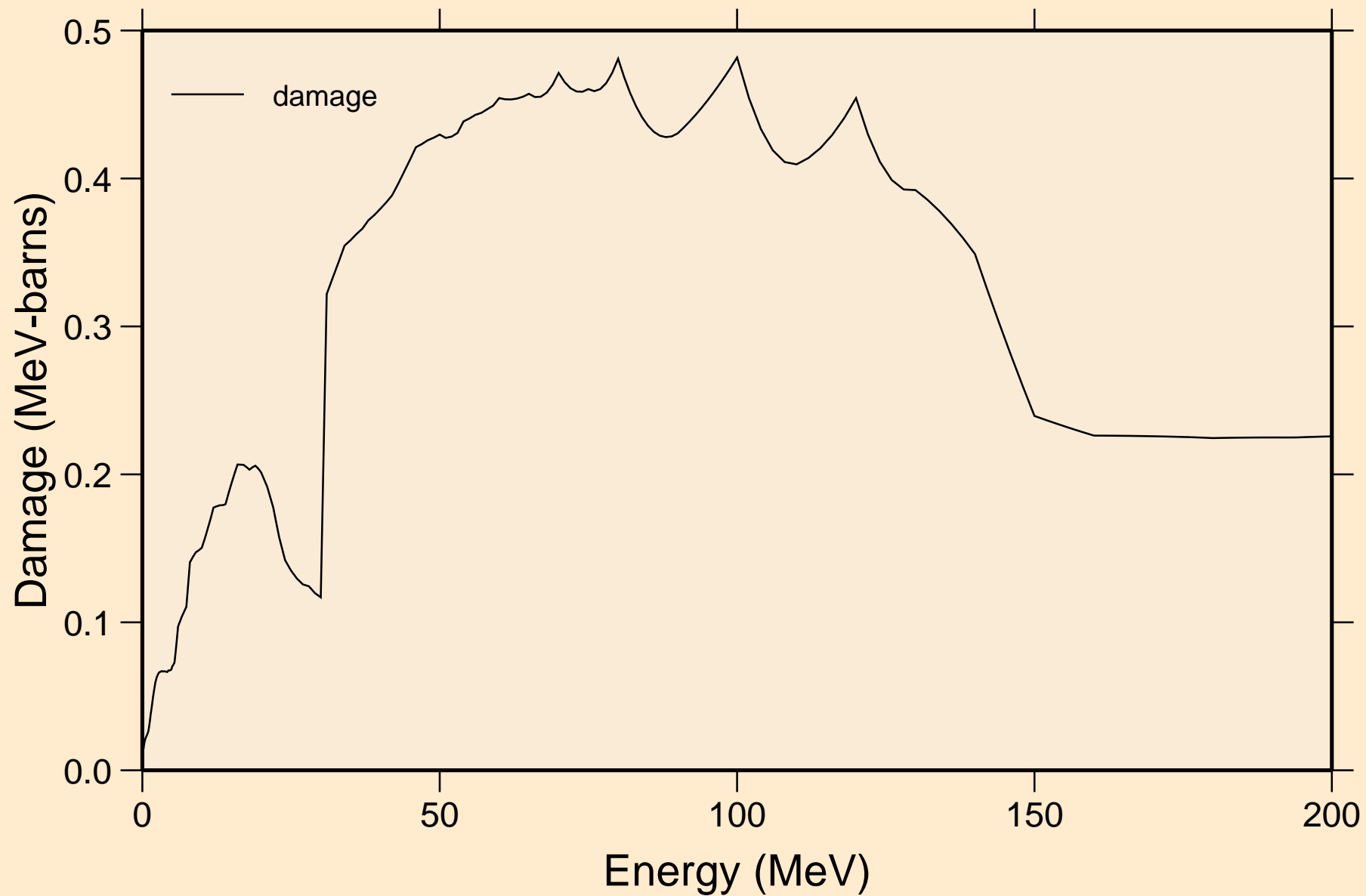
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Principal cross sections



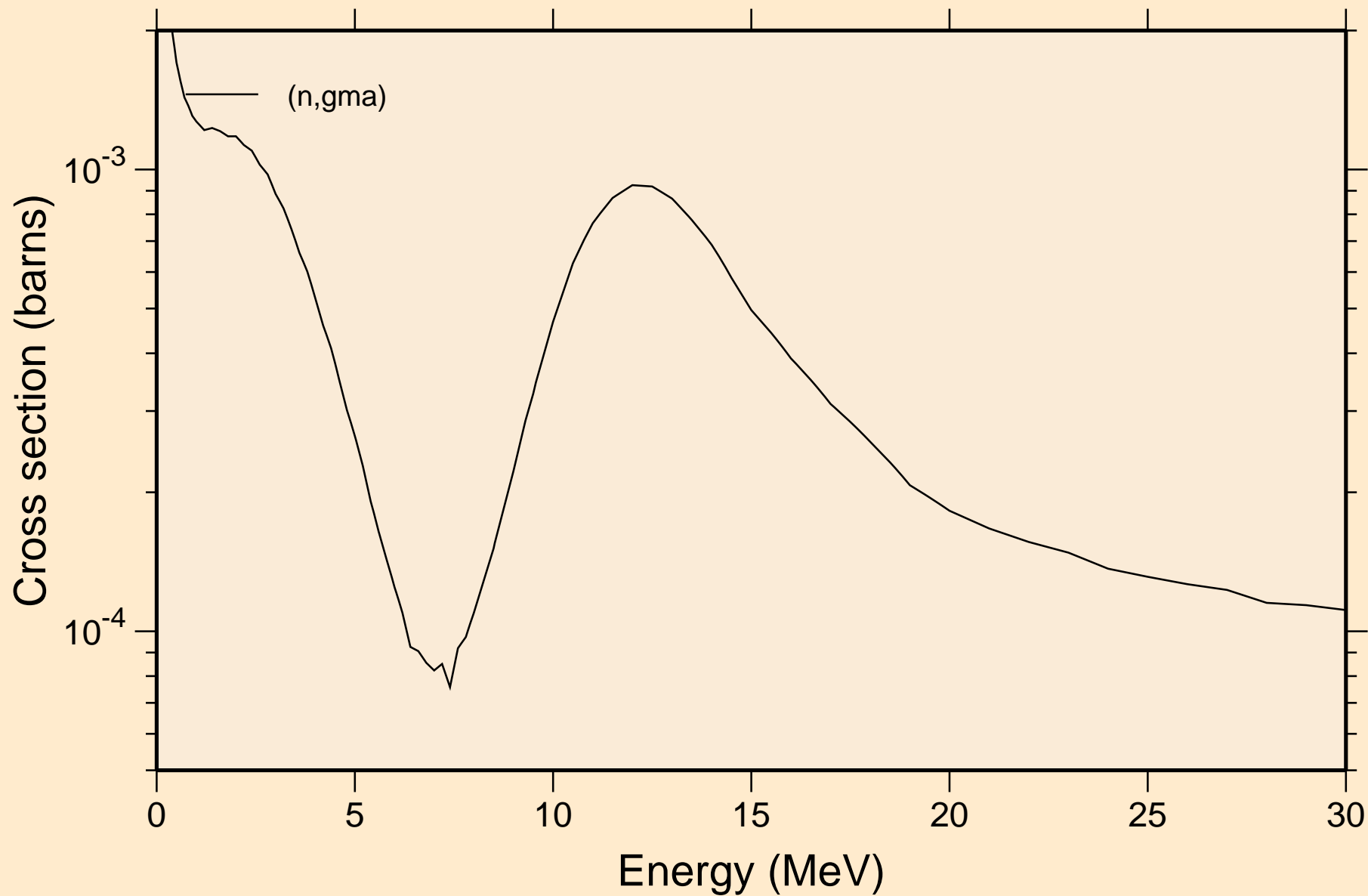
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Heating



AU209 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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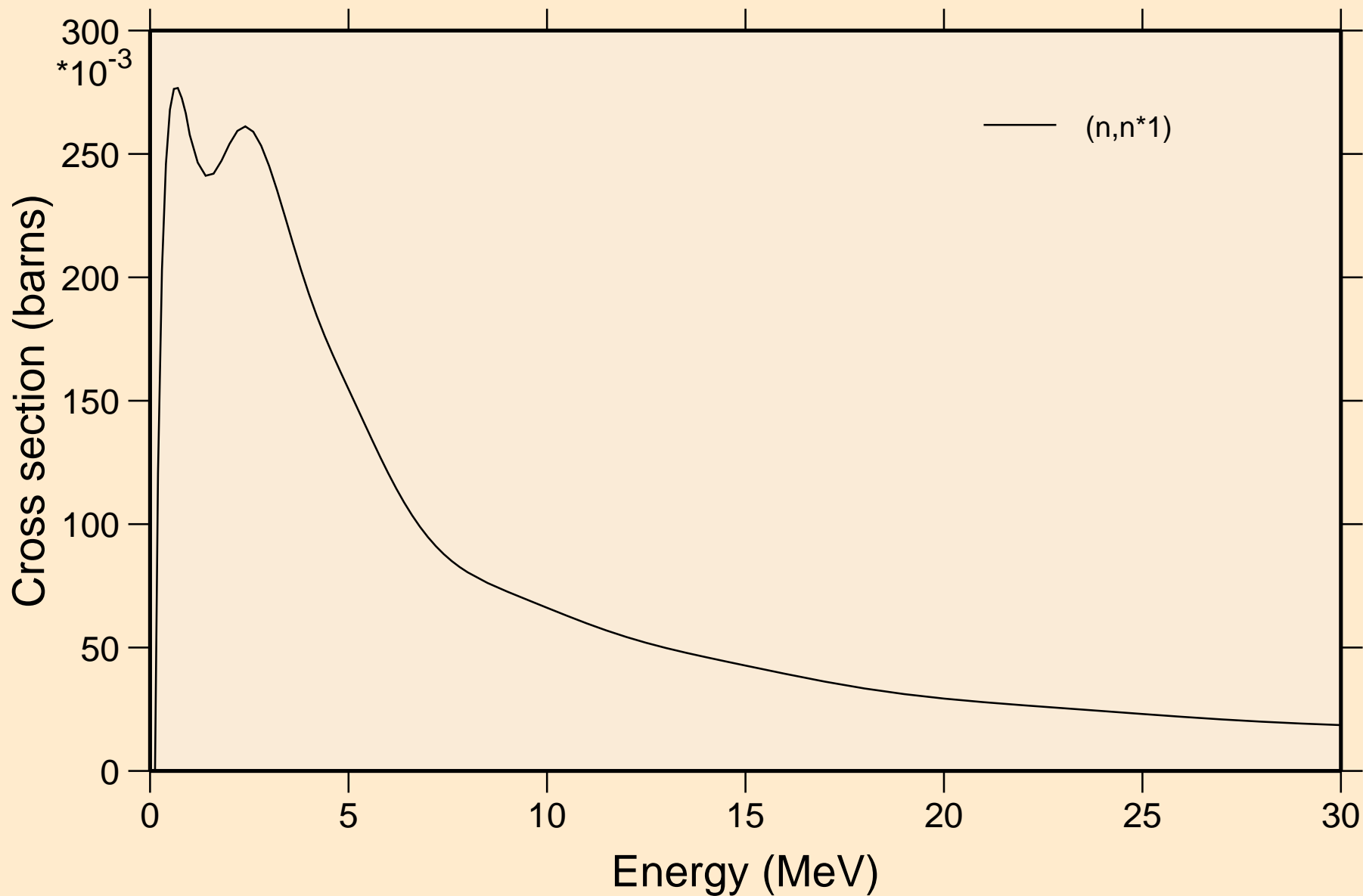


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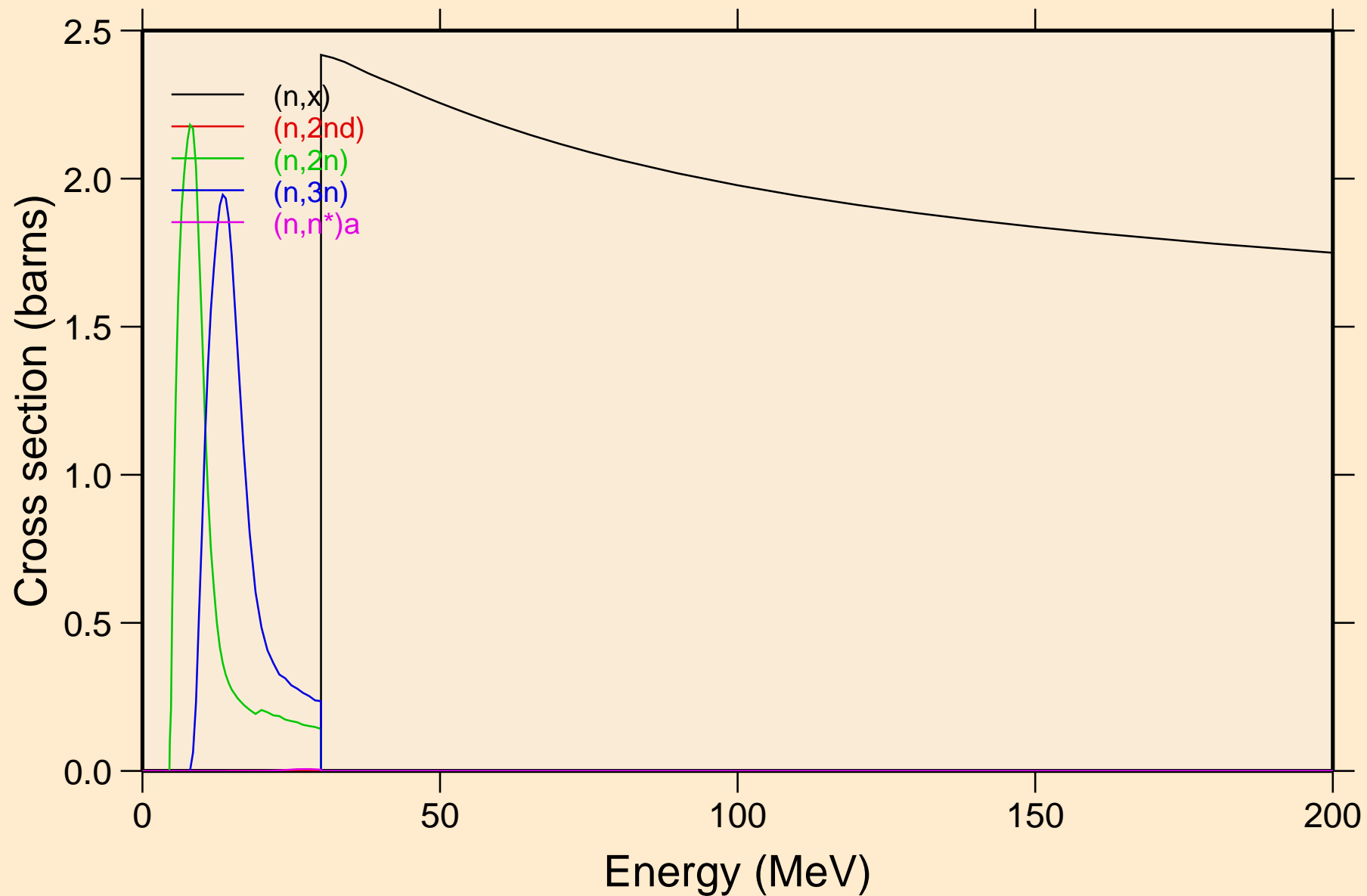




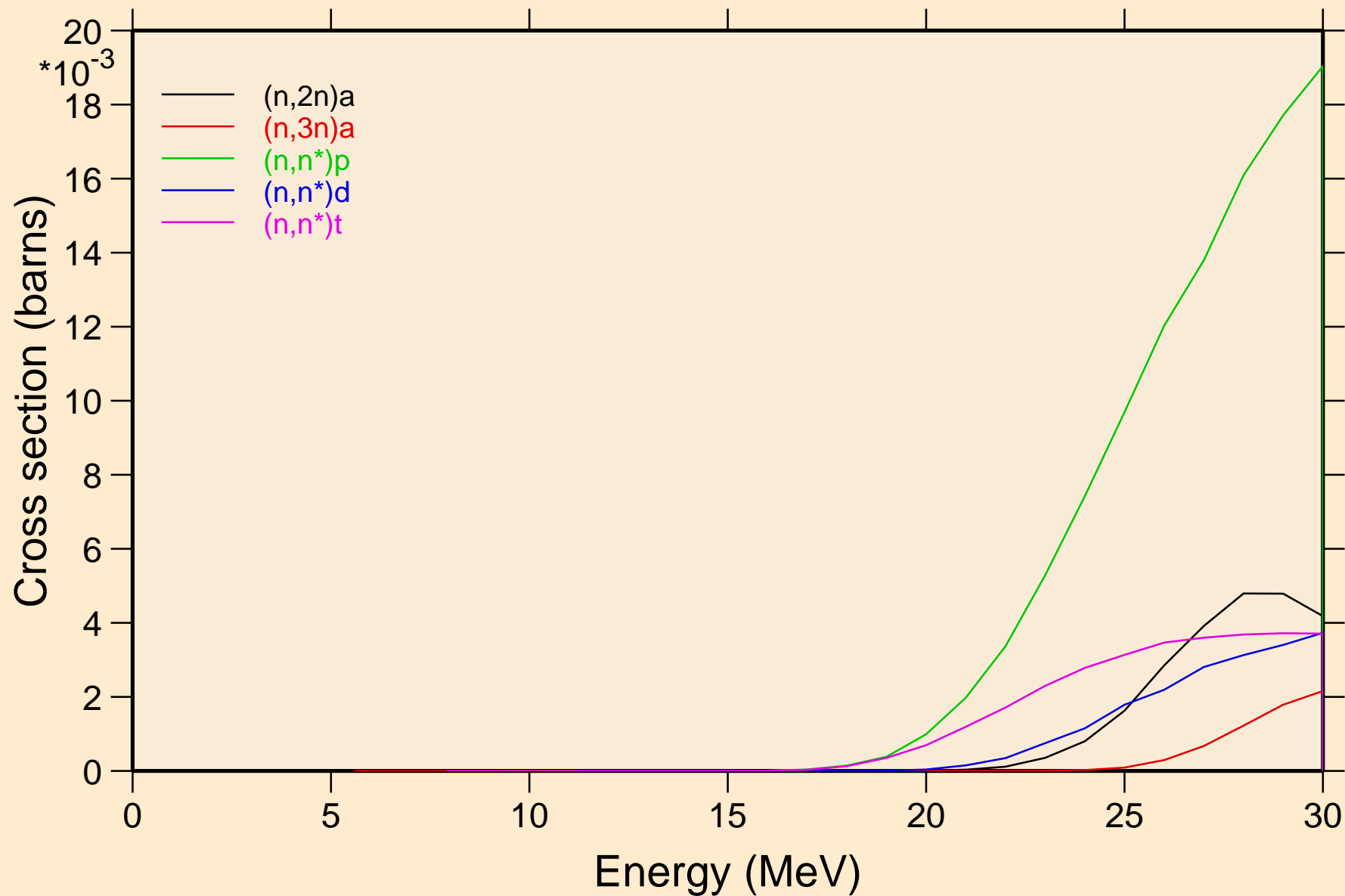
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Inelastic levels



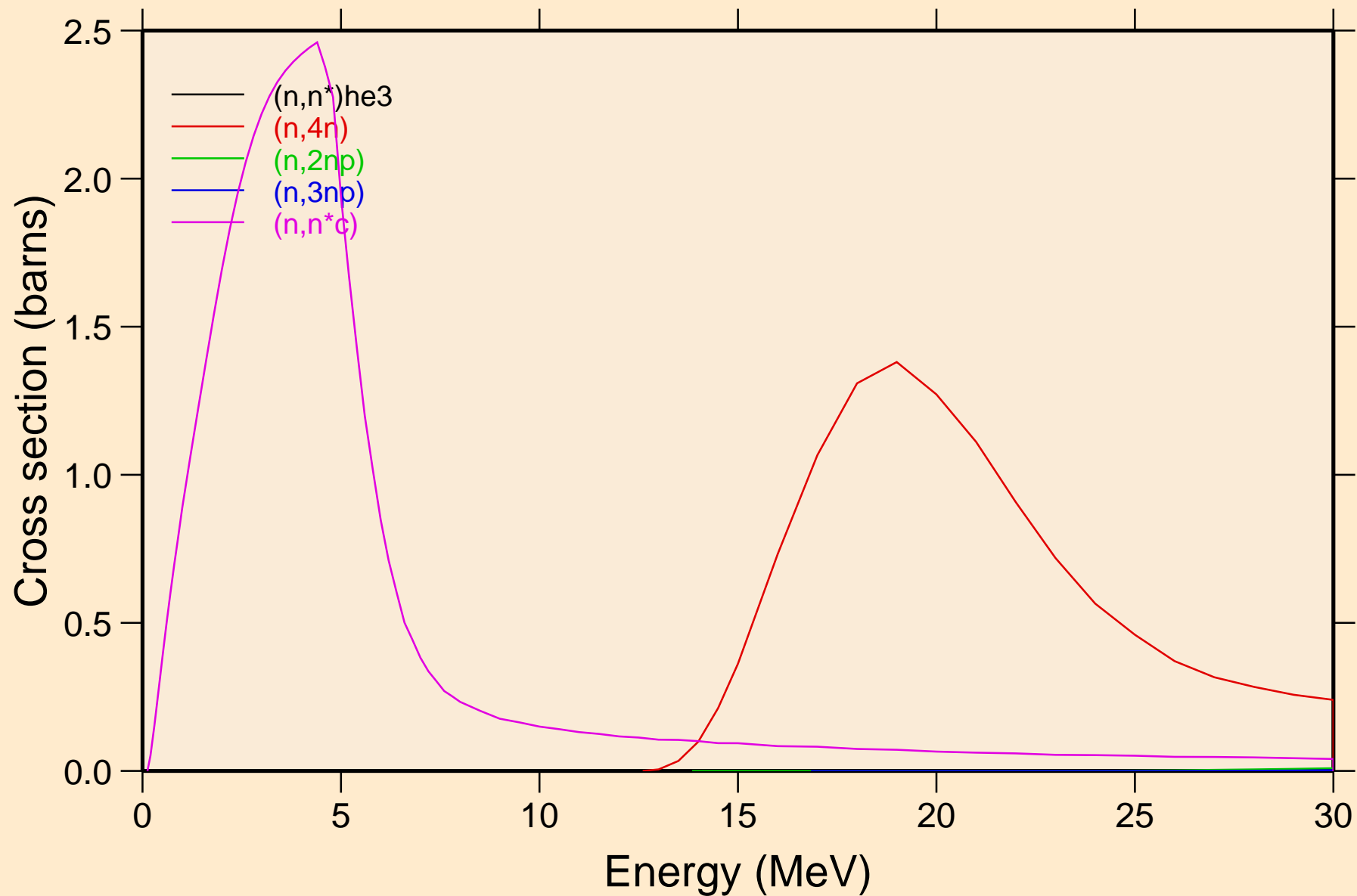
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Threshold reactions



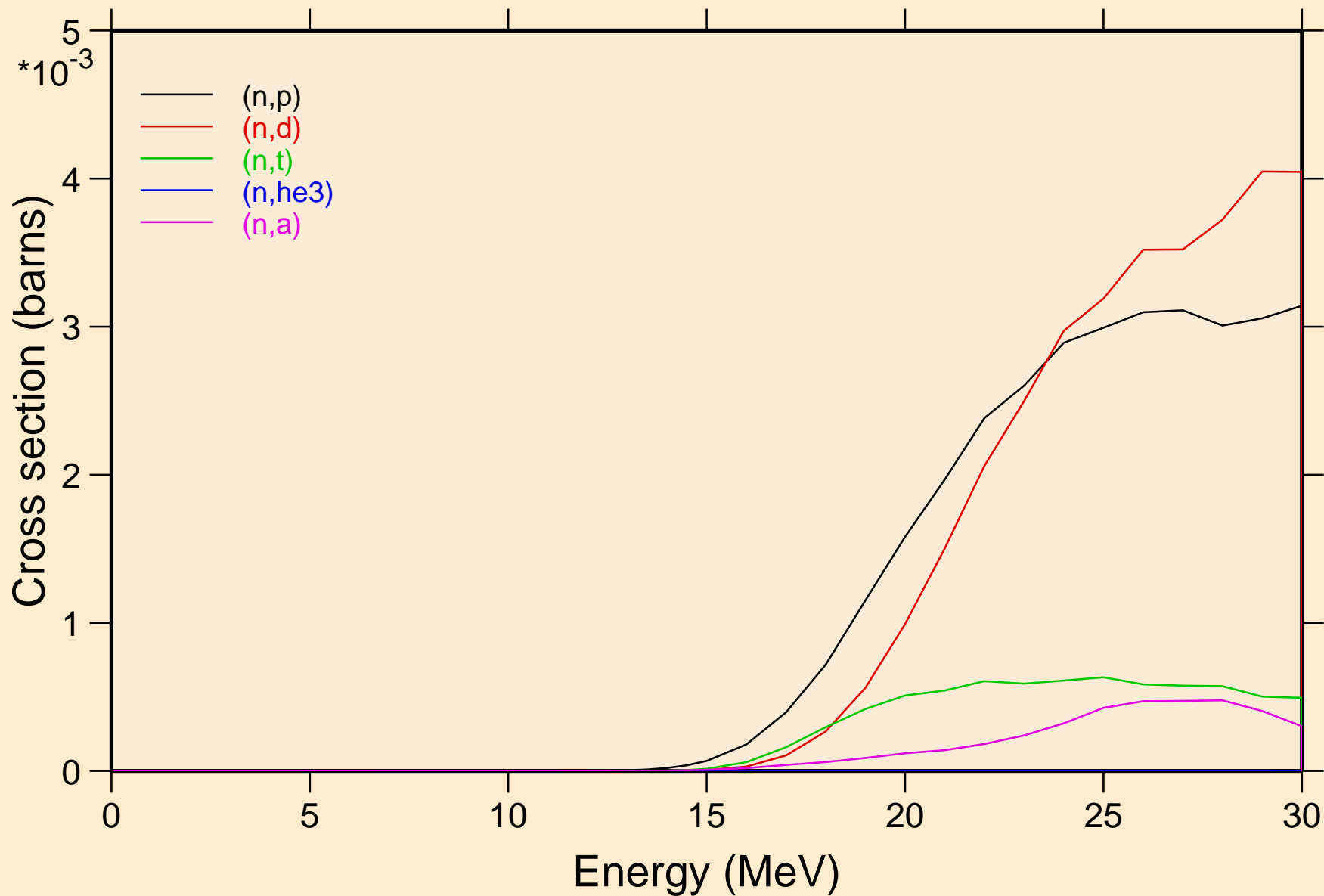
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Threshold reactions



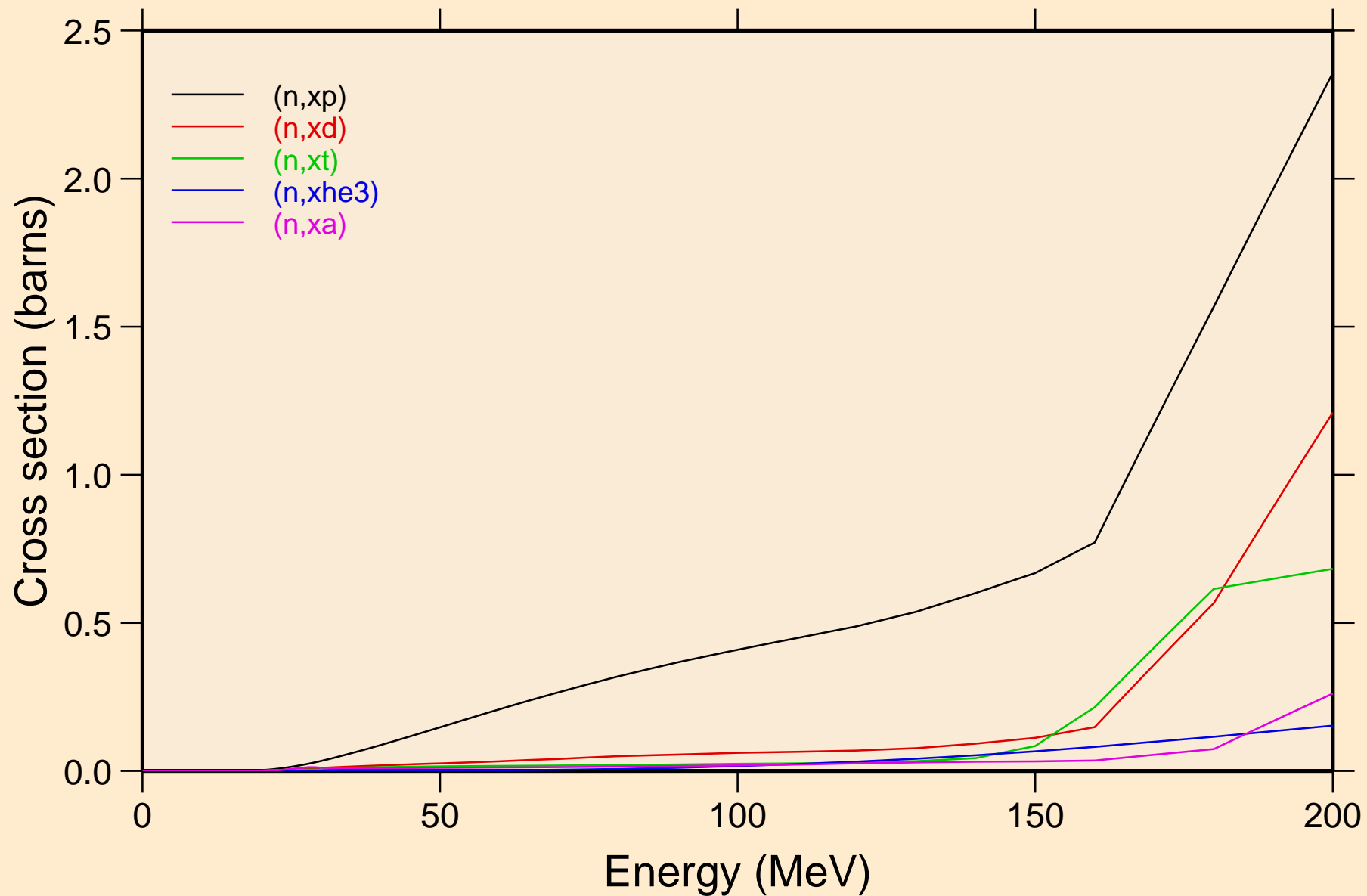
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Threshold reactions



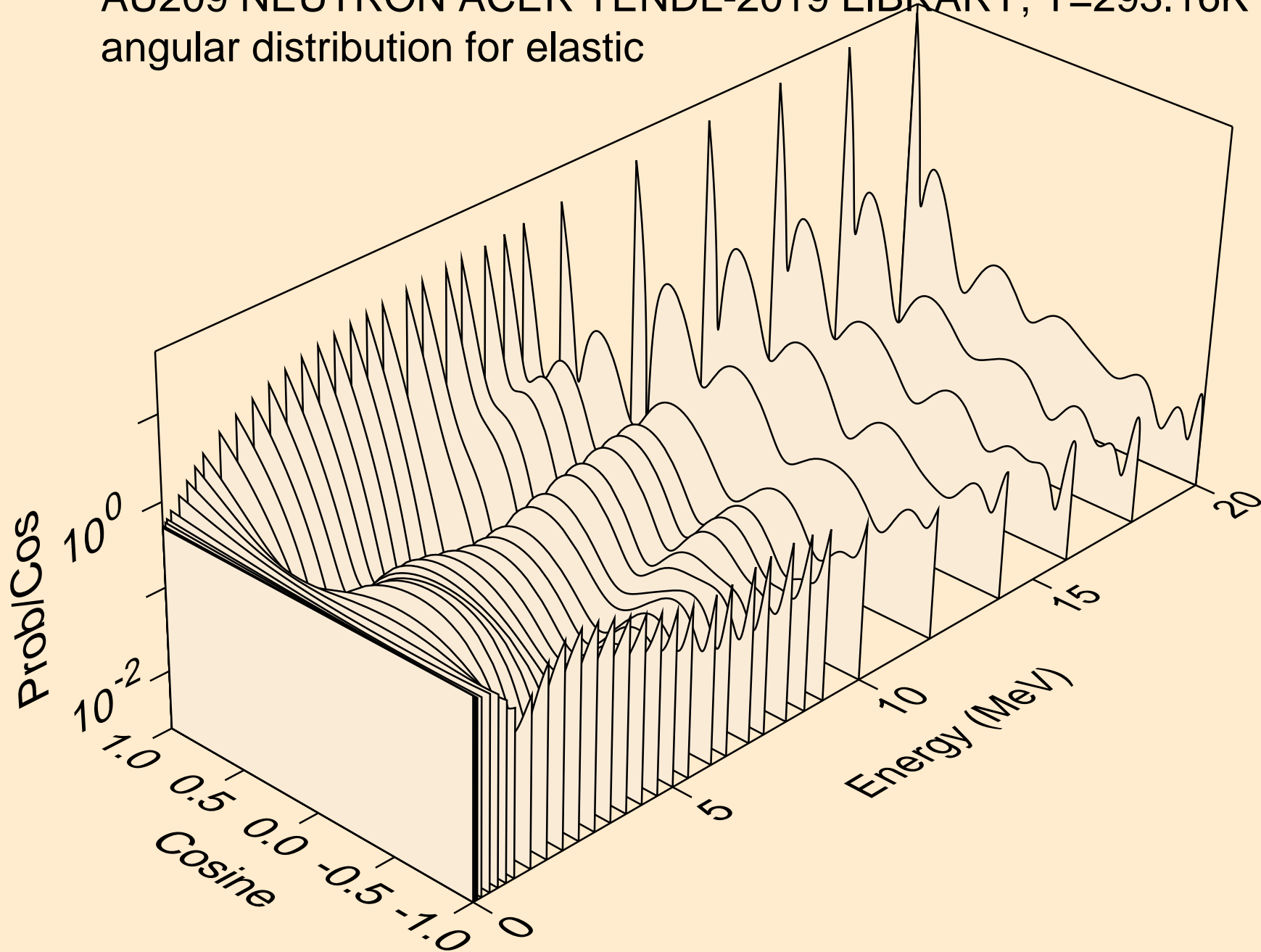
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Threshold reactions



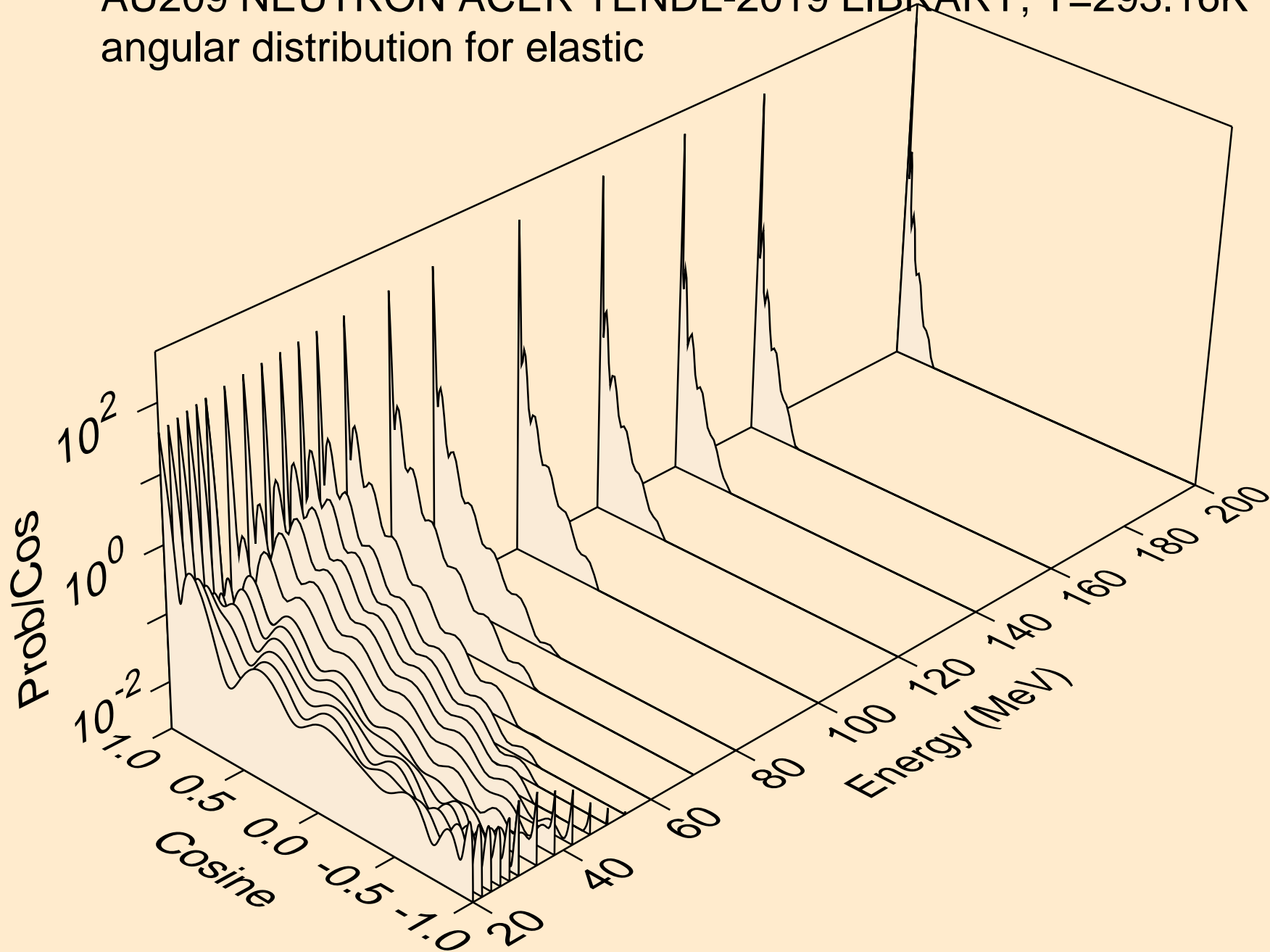
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Threshold reactions



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angular distribution for elastic

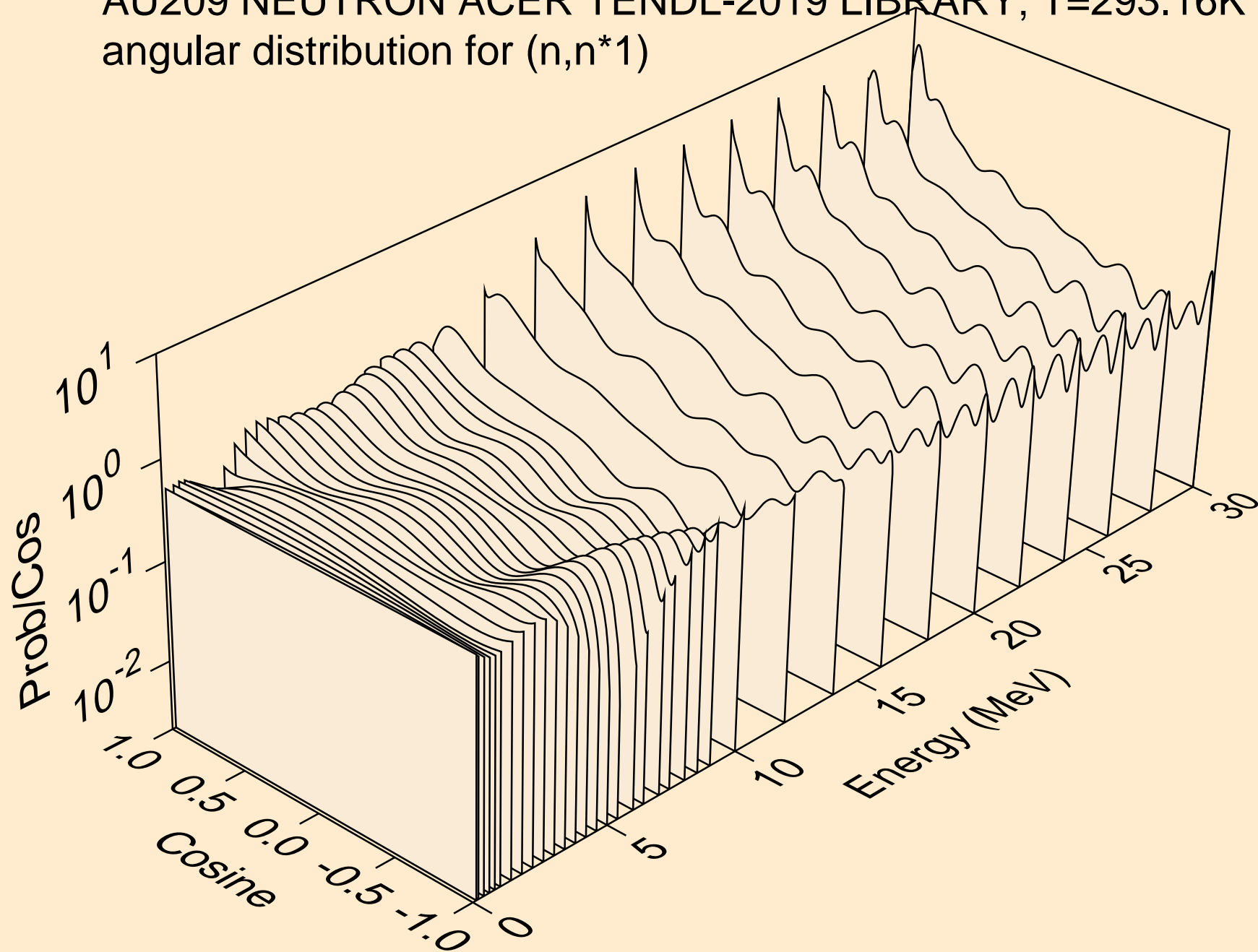


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angular distribution for elastic

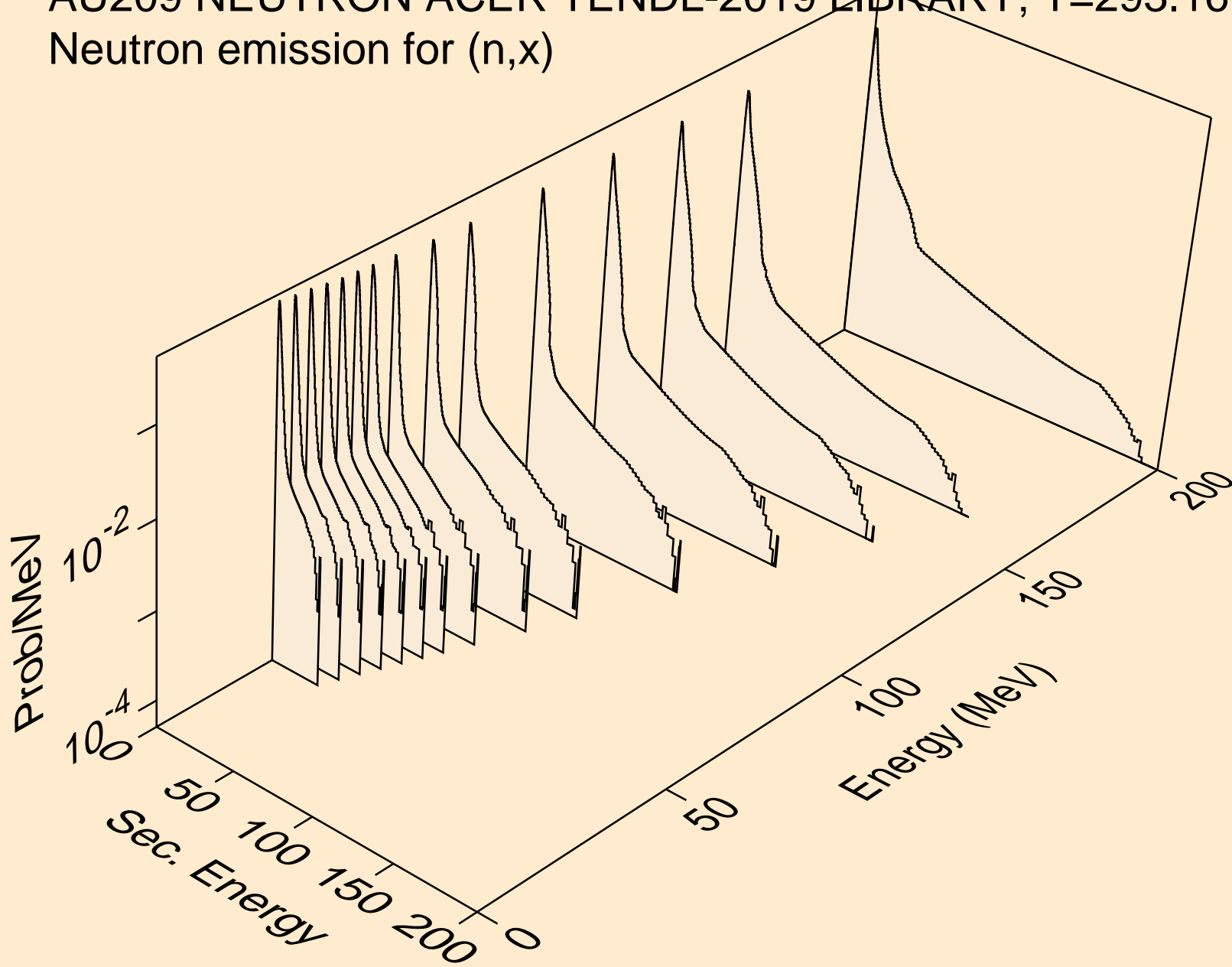




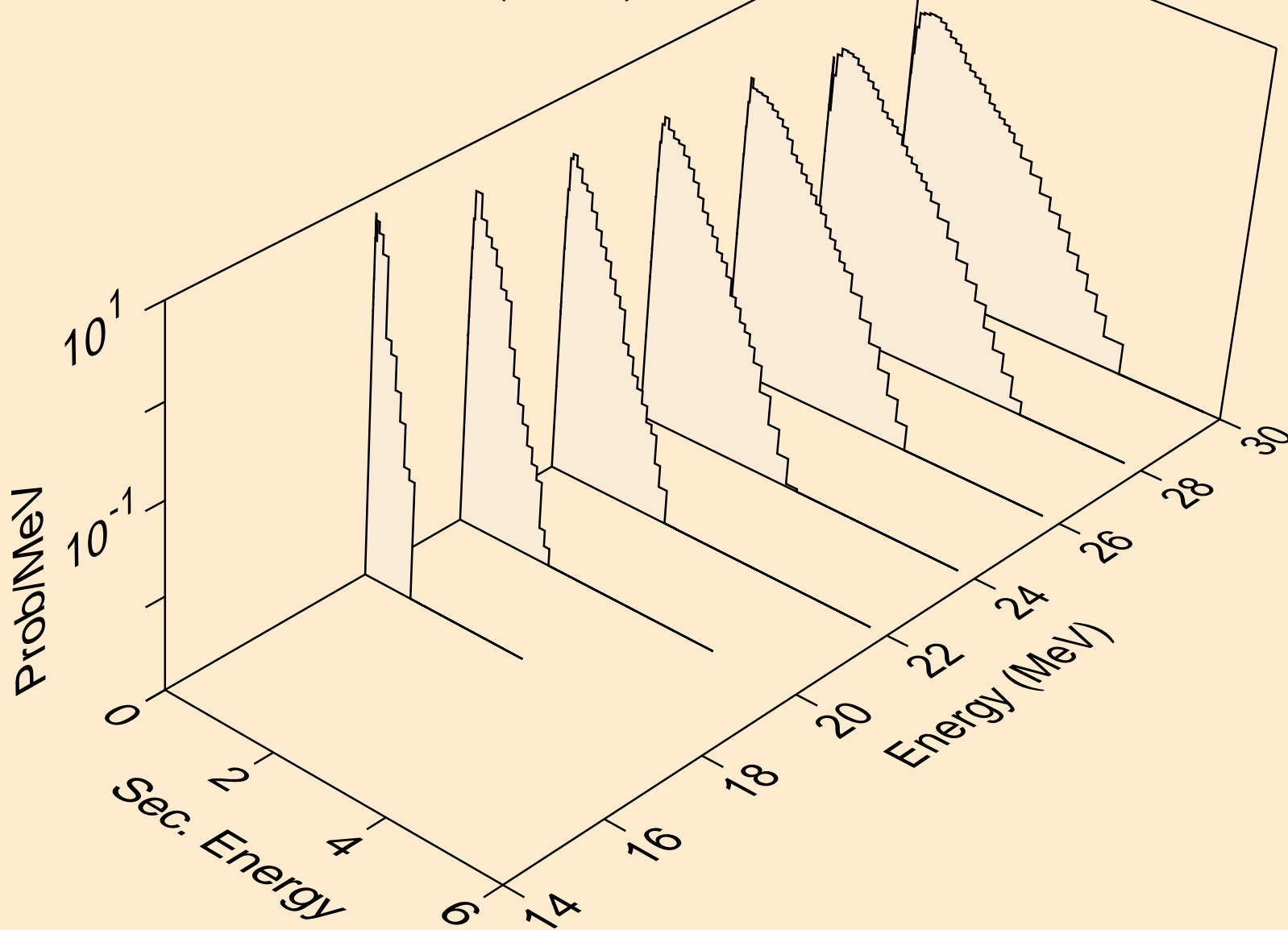
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angular distribution for (n,n\*1)



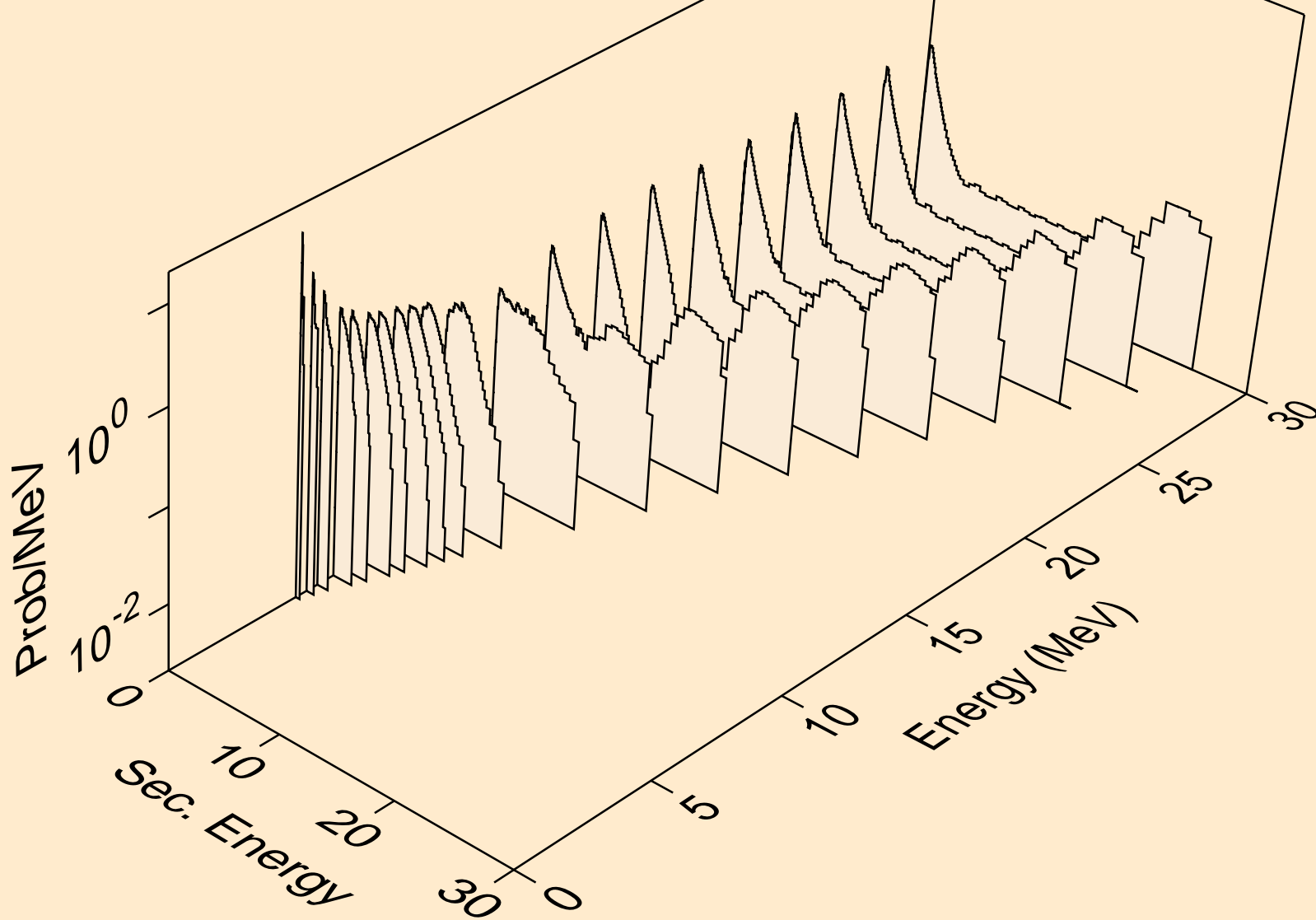
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Neutron emission for (n,x)



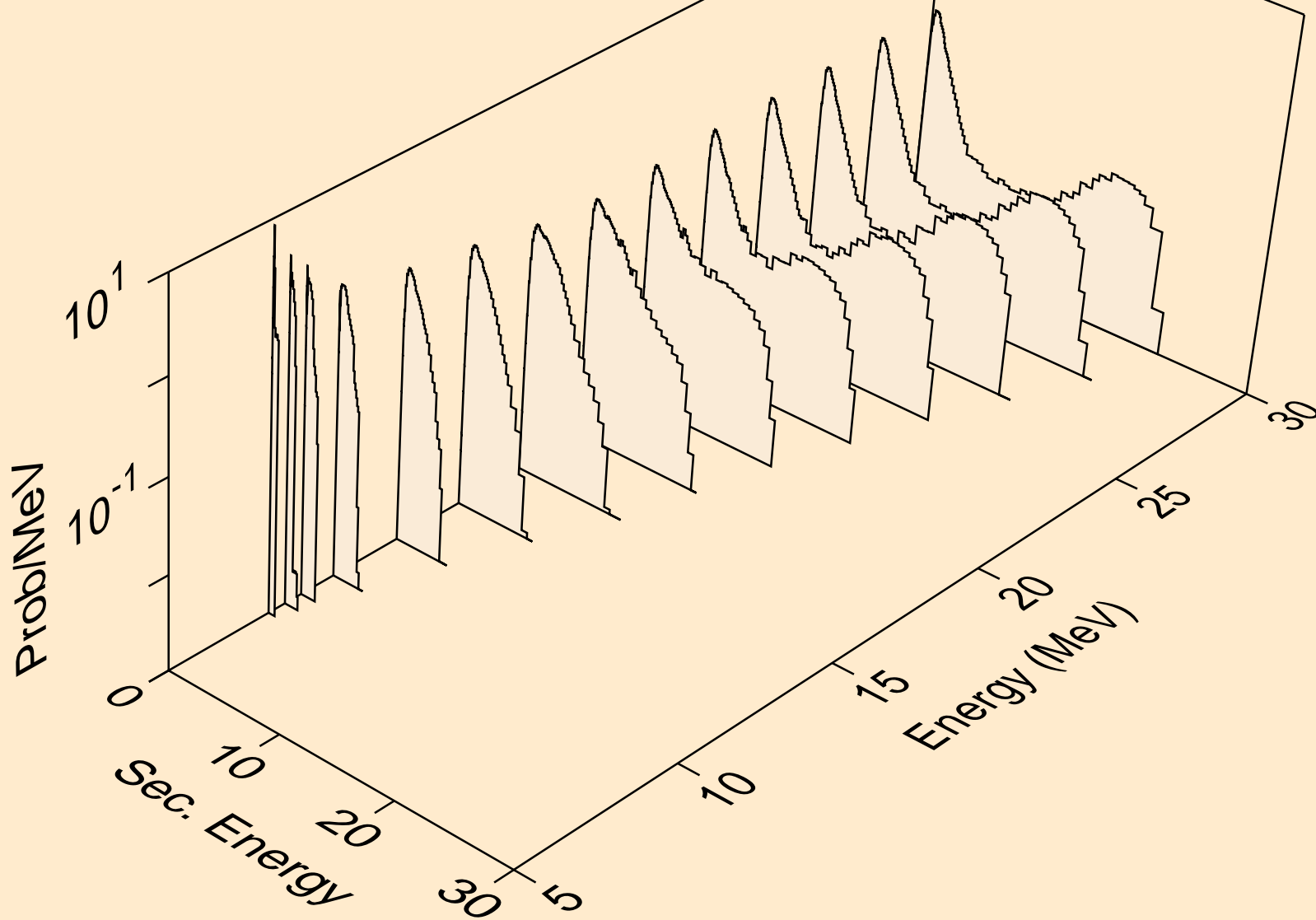
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Neutron emission for (n,2nd)



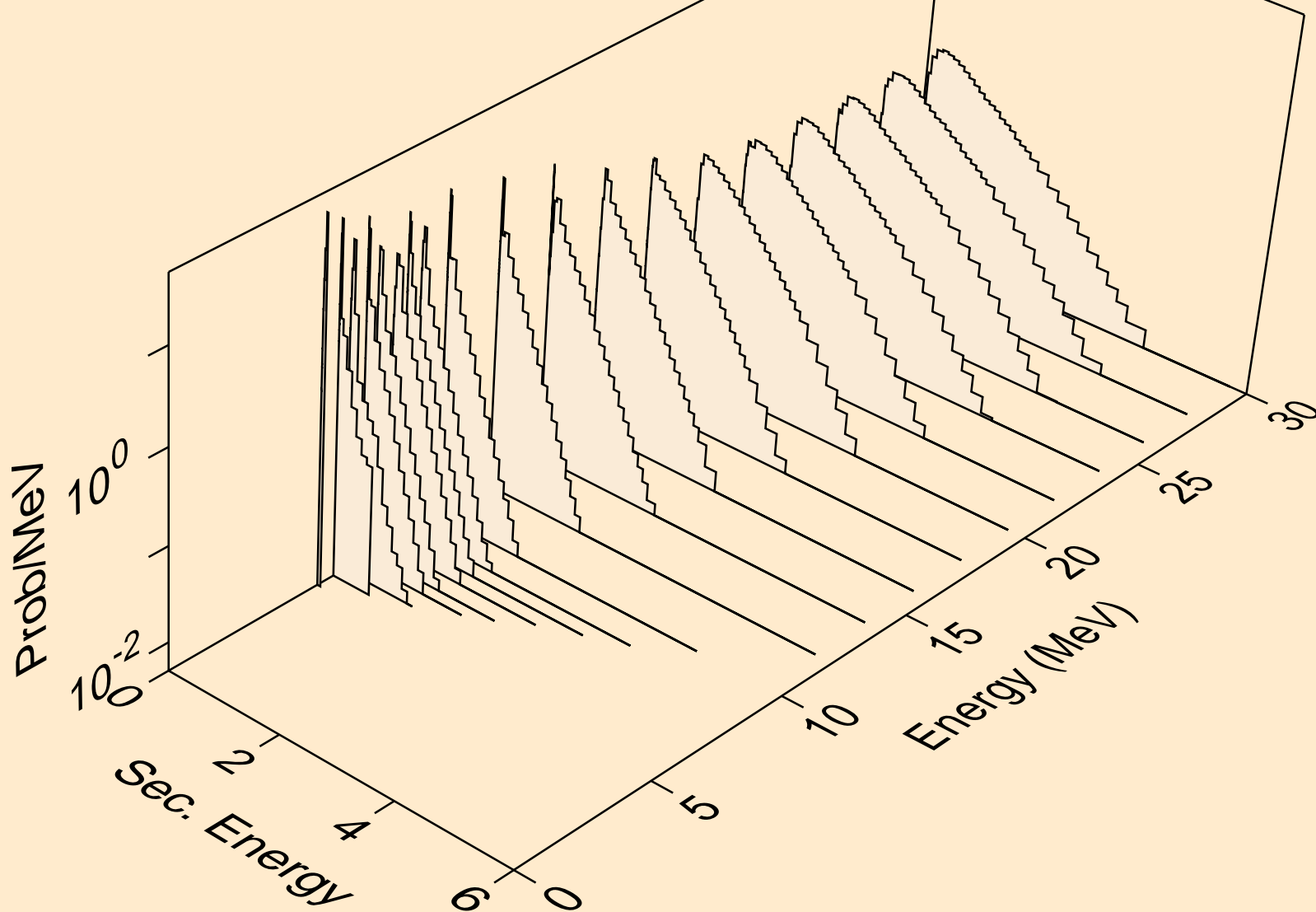
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Neutron emission for (n,2n)



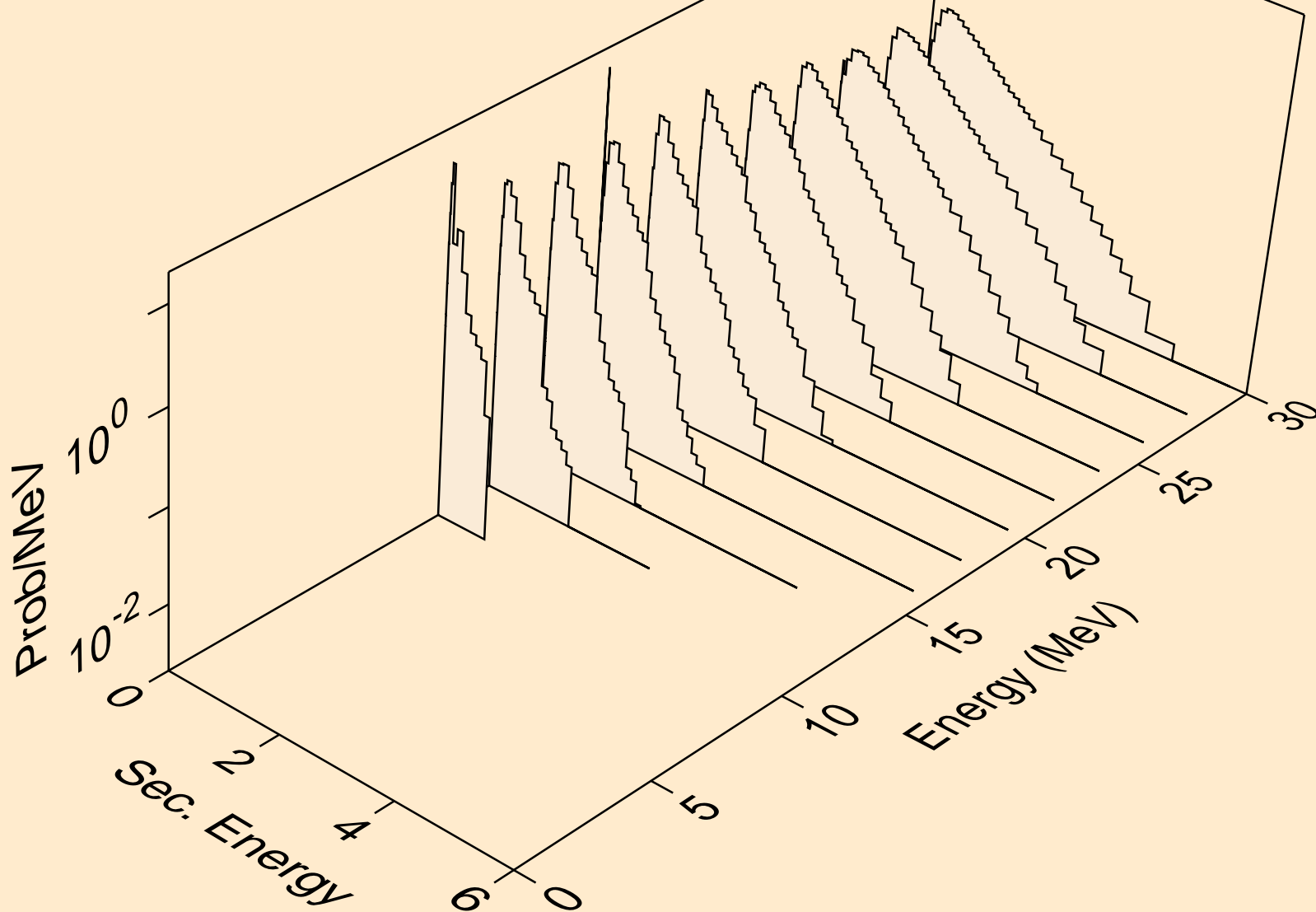
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Neutron emission for (n,3n)



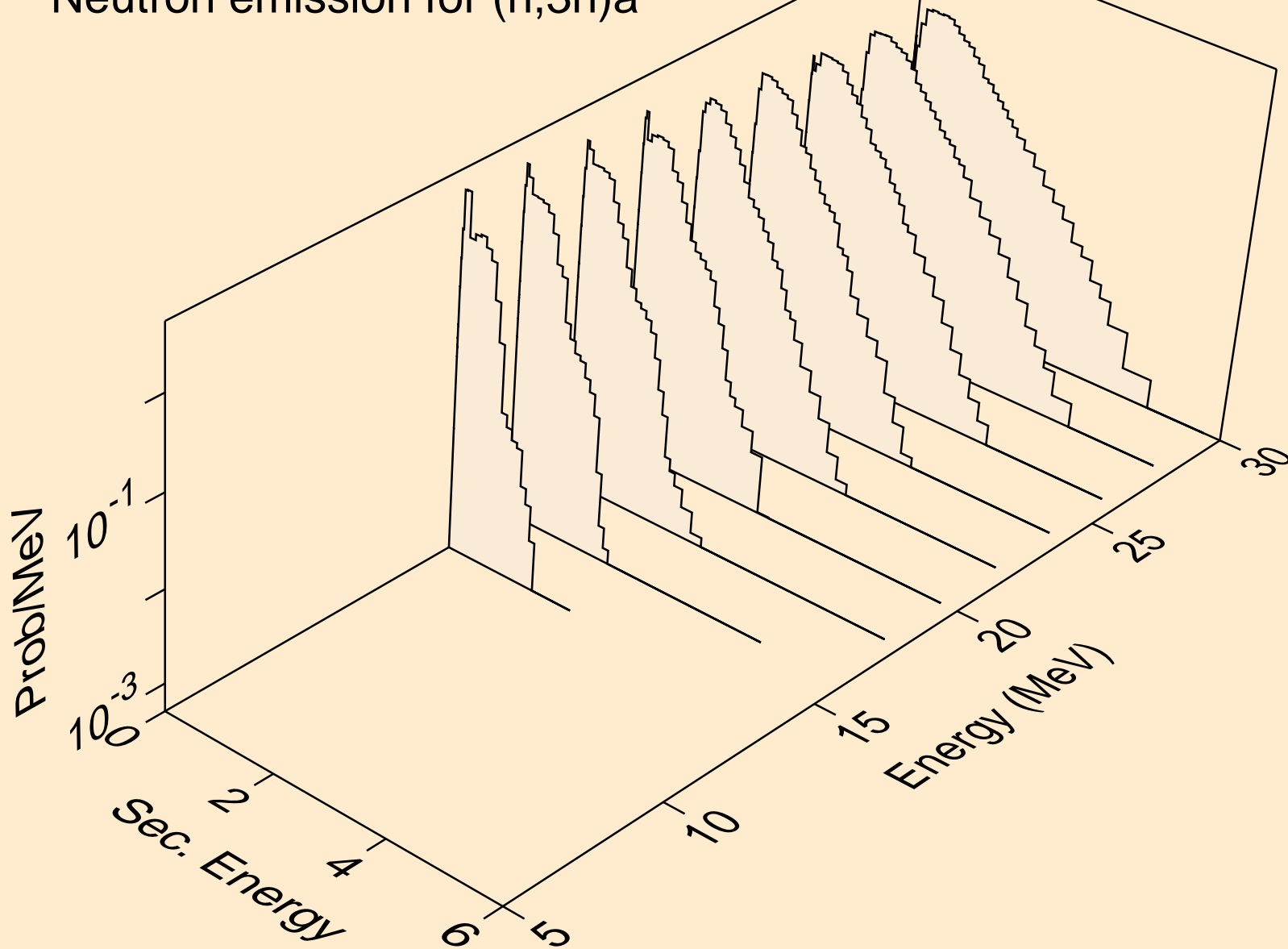
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Neutron emission for (n,n\*)a



AU209 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

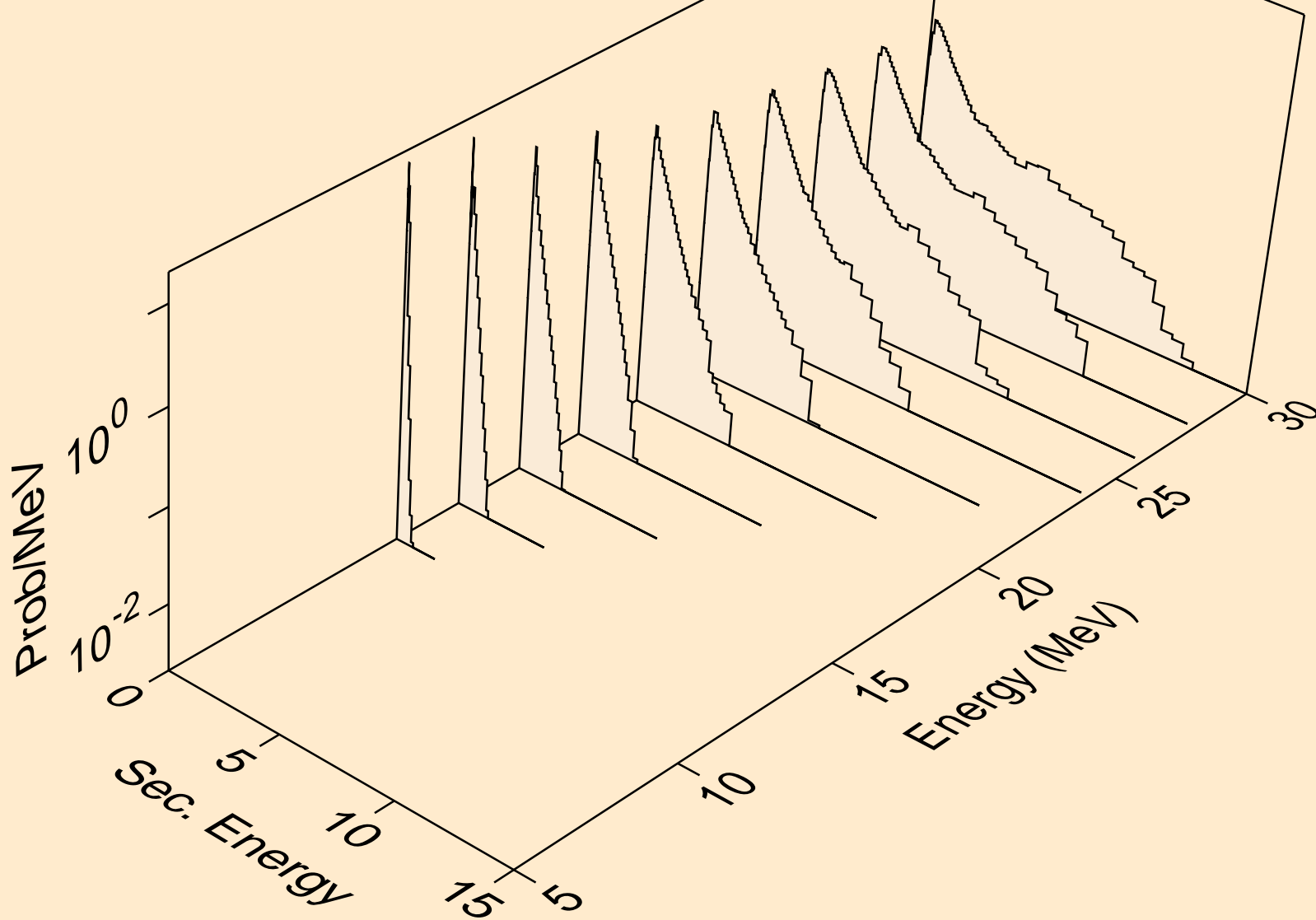


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Neutron emission for (n,3n)a

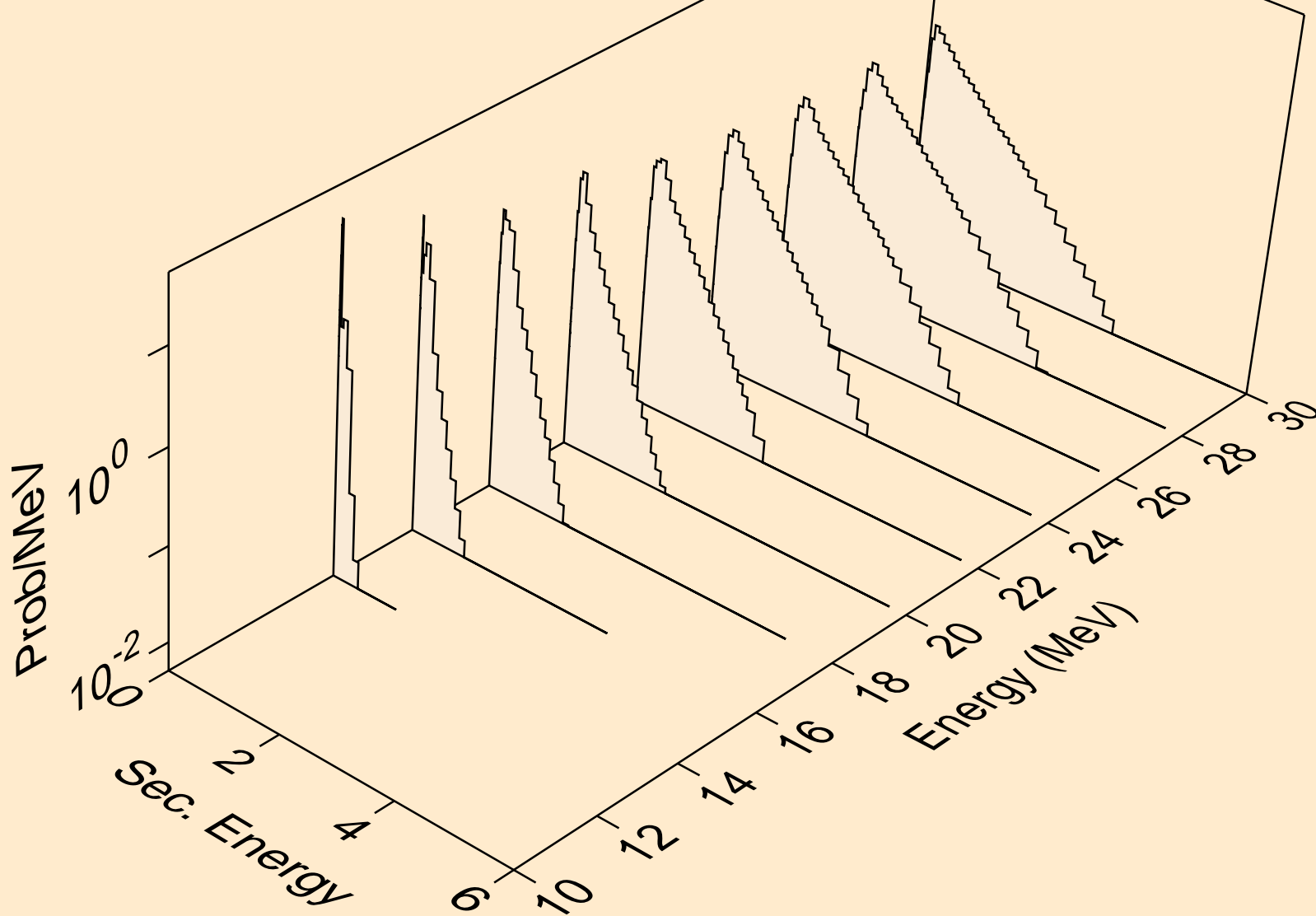




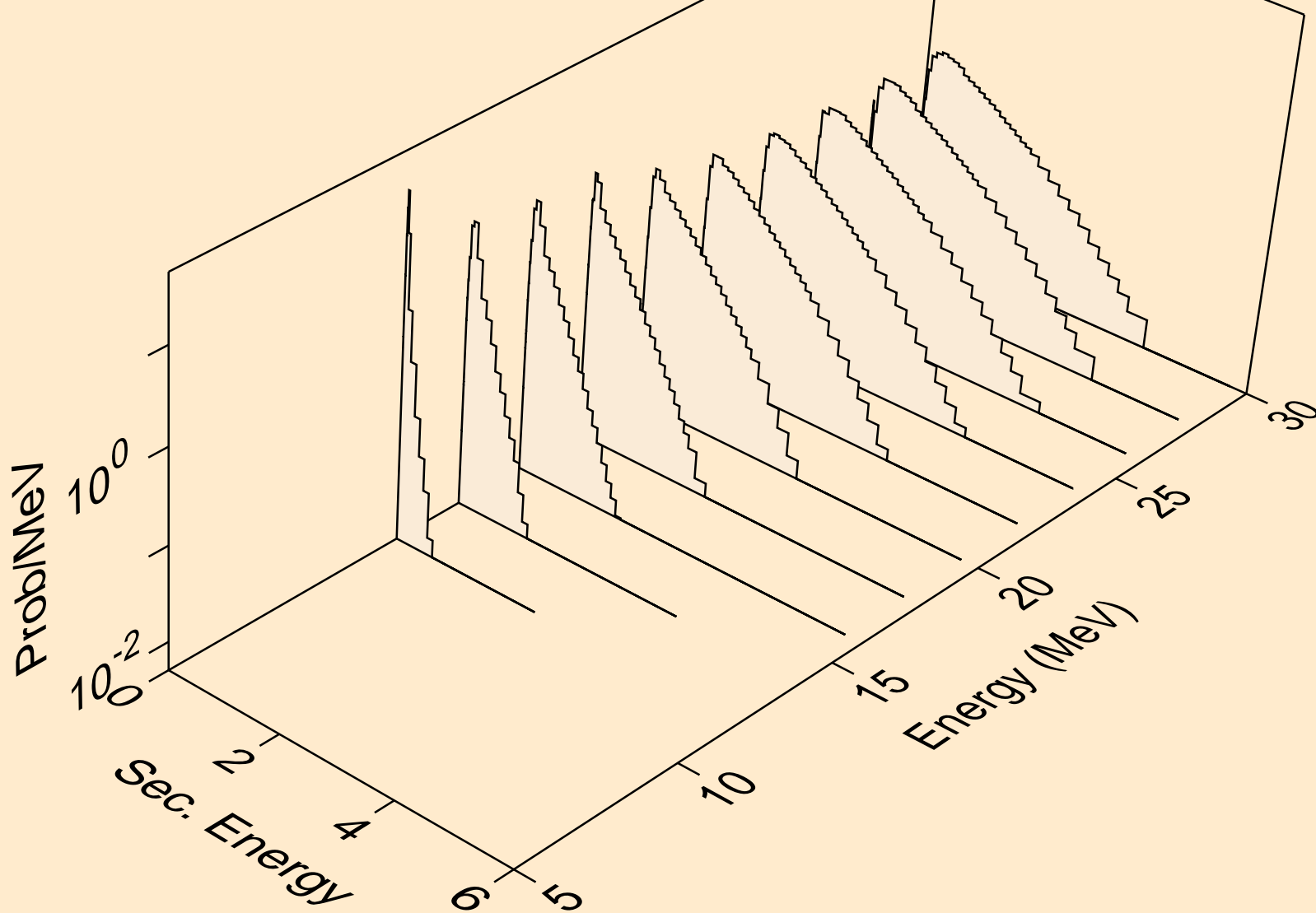
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Neutron emission for (n,n\*)p



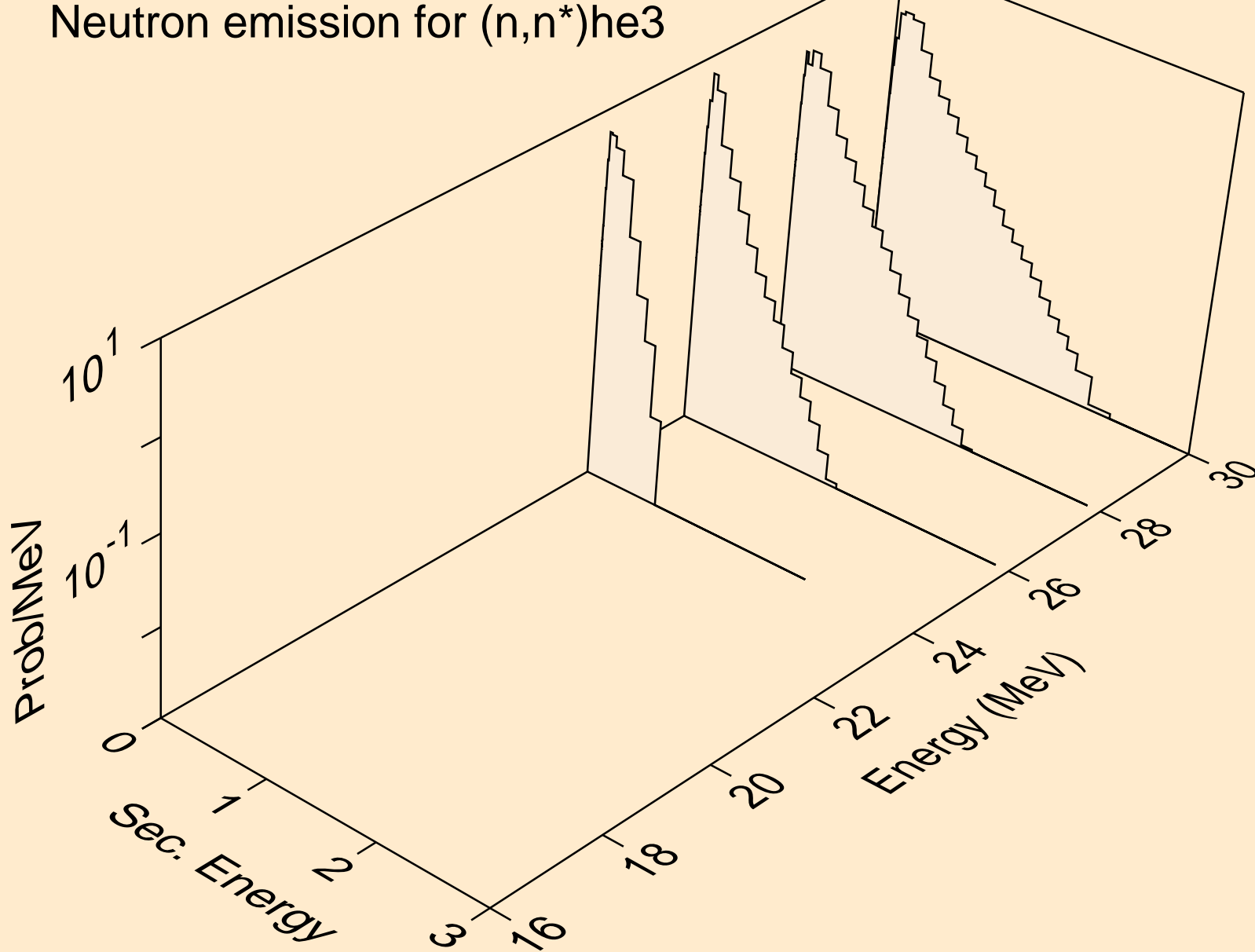
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Neutron emission for (n,n\*)d



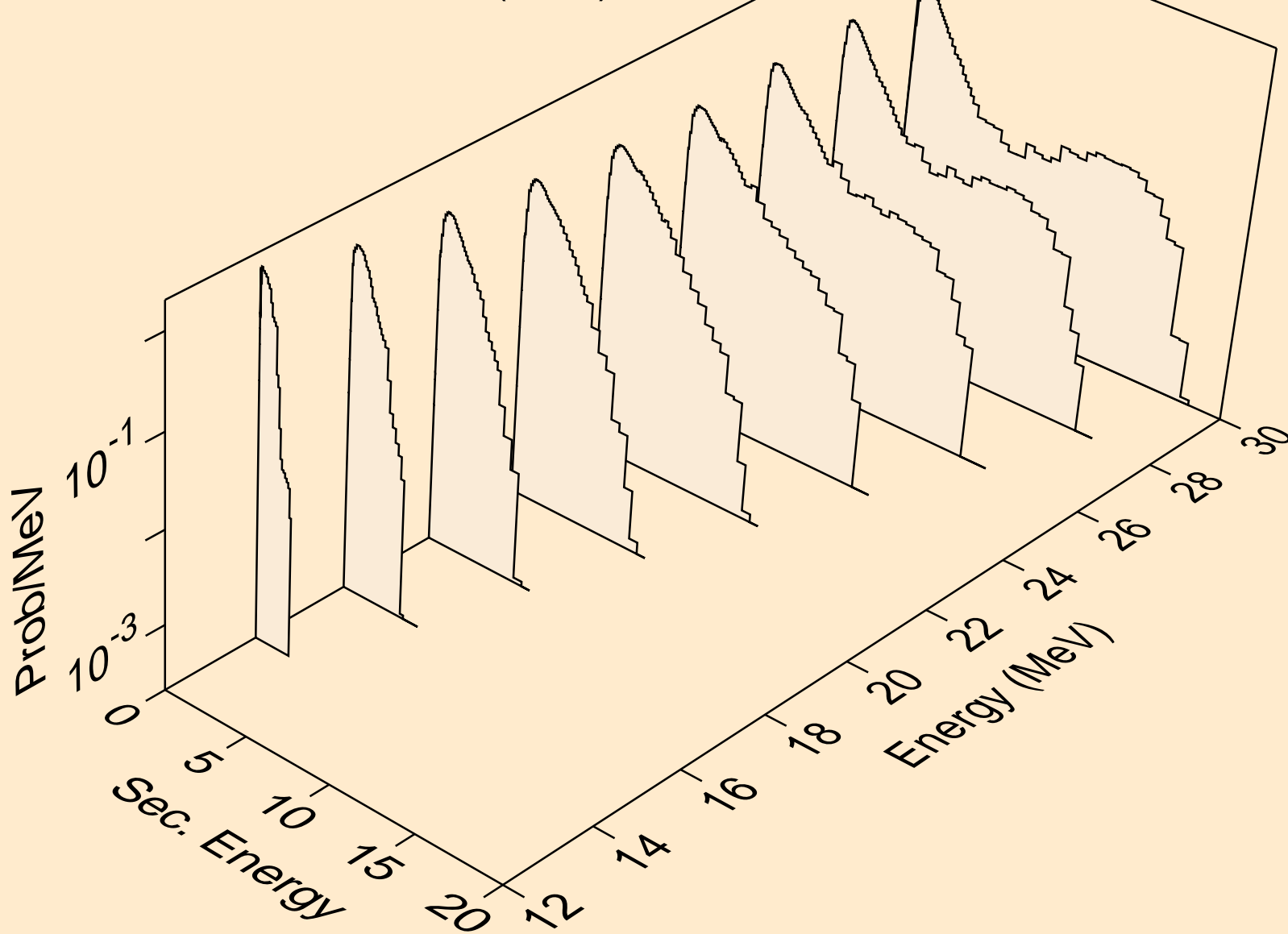
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Neutron emission for (n,n\*)t



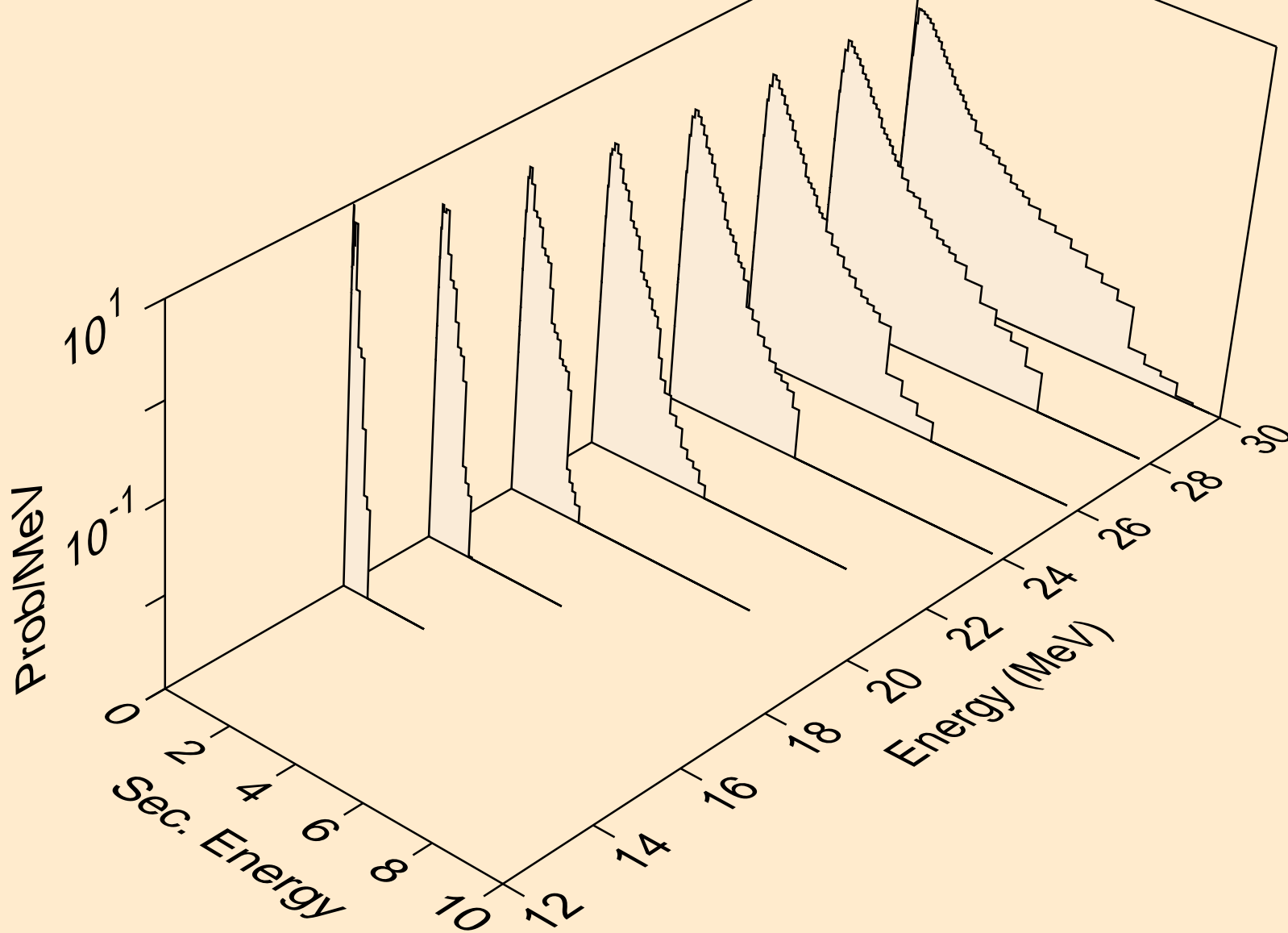
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Neutron emission for (n,n\*)he3



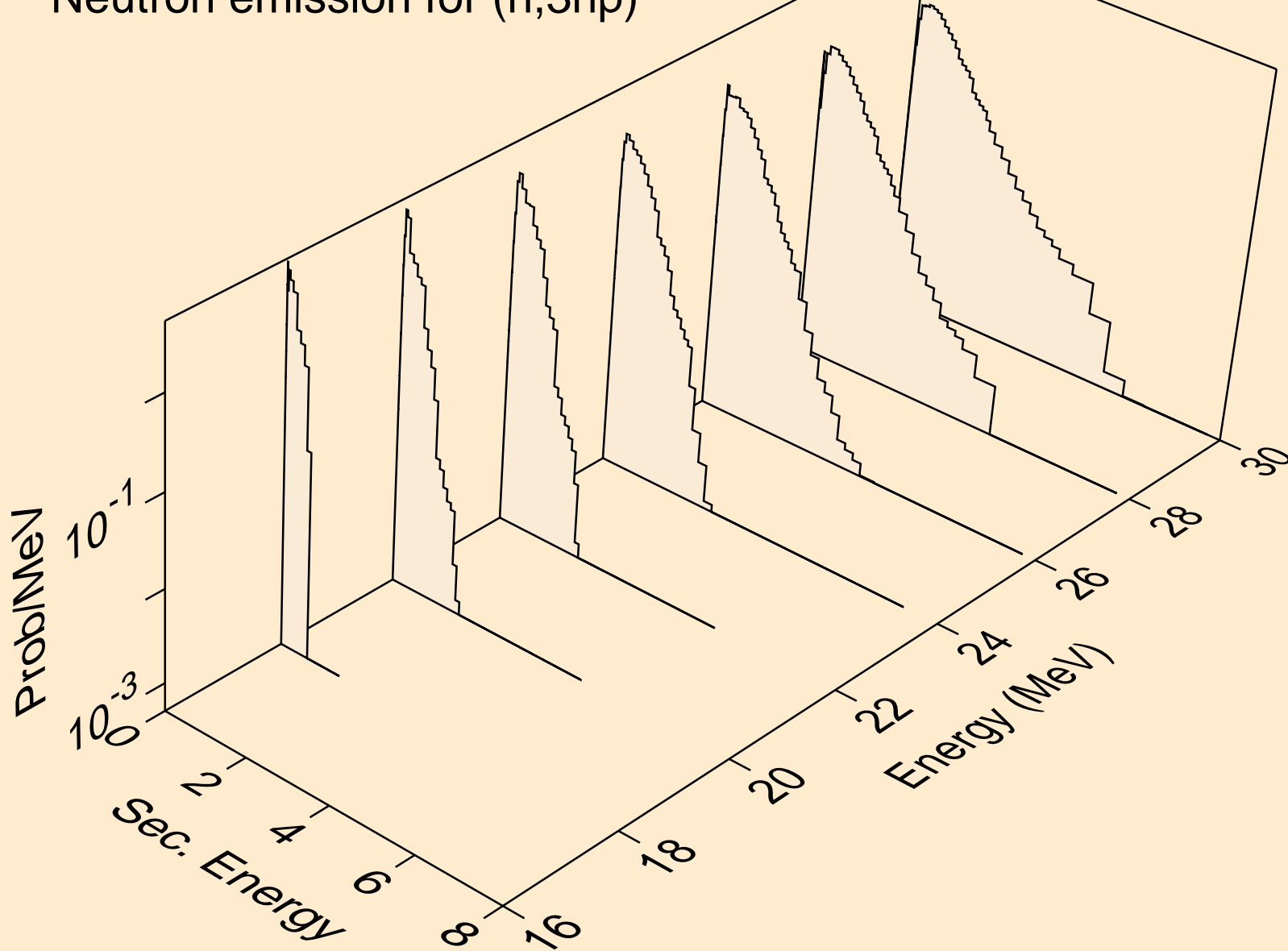
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Neutron emission for (n,4n)



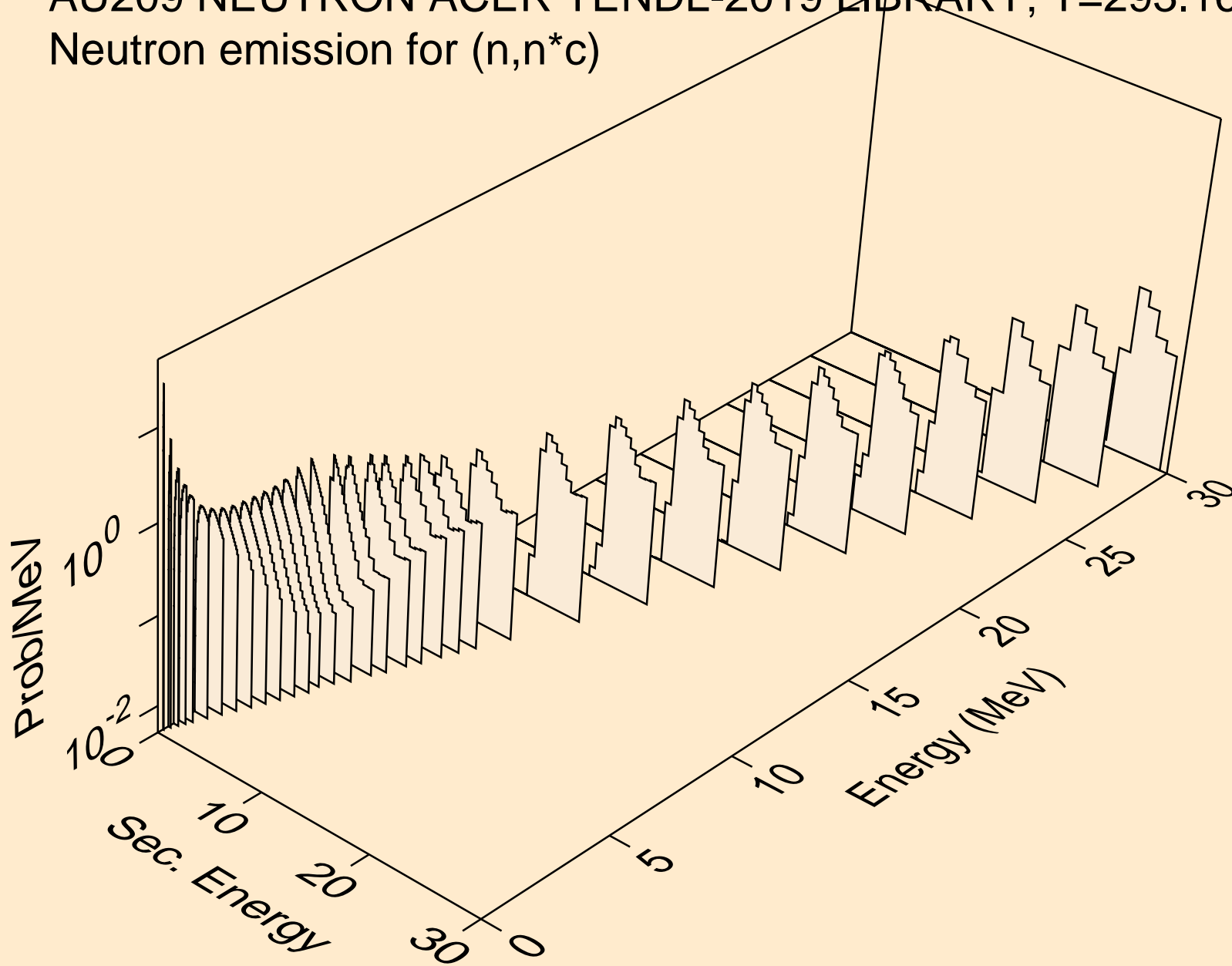
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Neutron emission for (n,2np)



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Neutron emission for (n,3np)

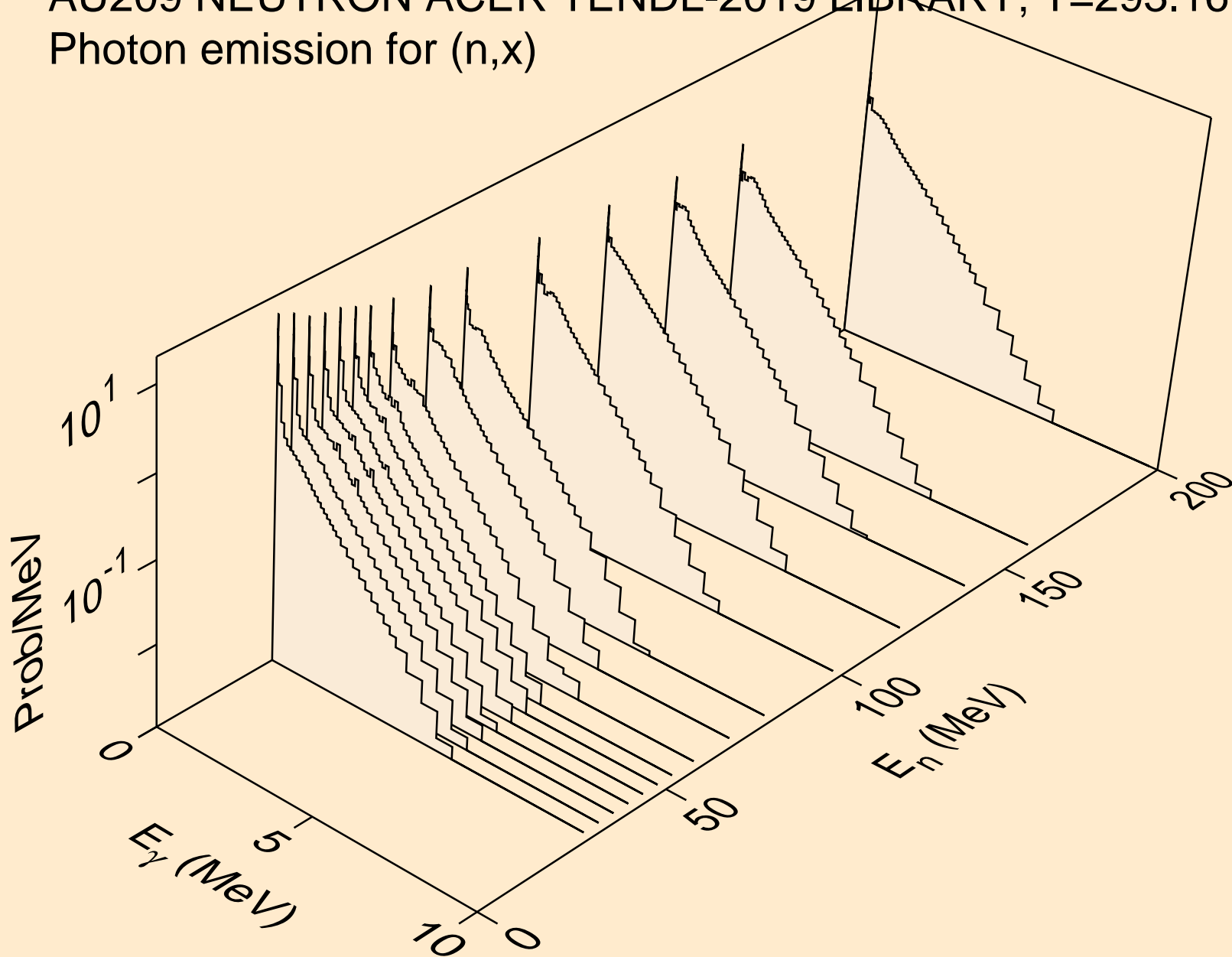


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Neutron emission for (n,n\*c)

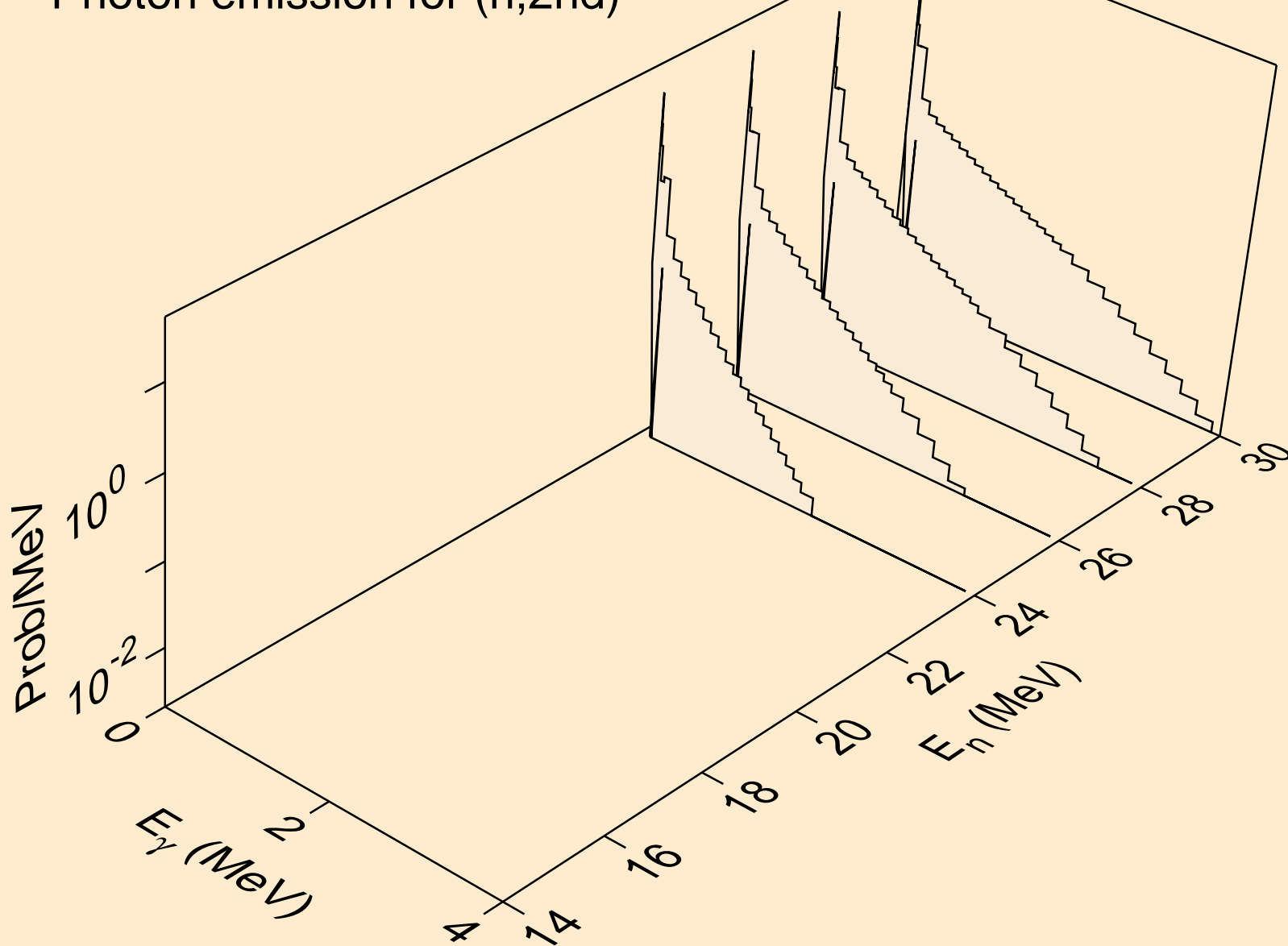




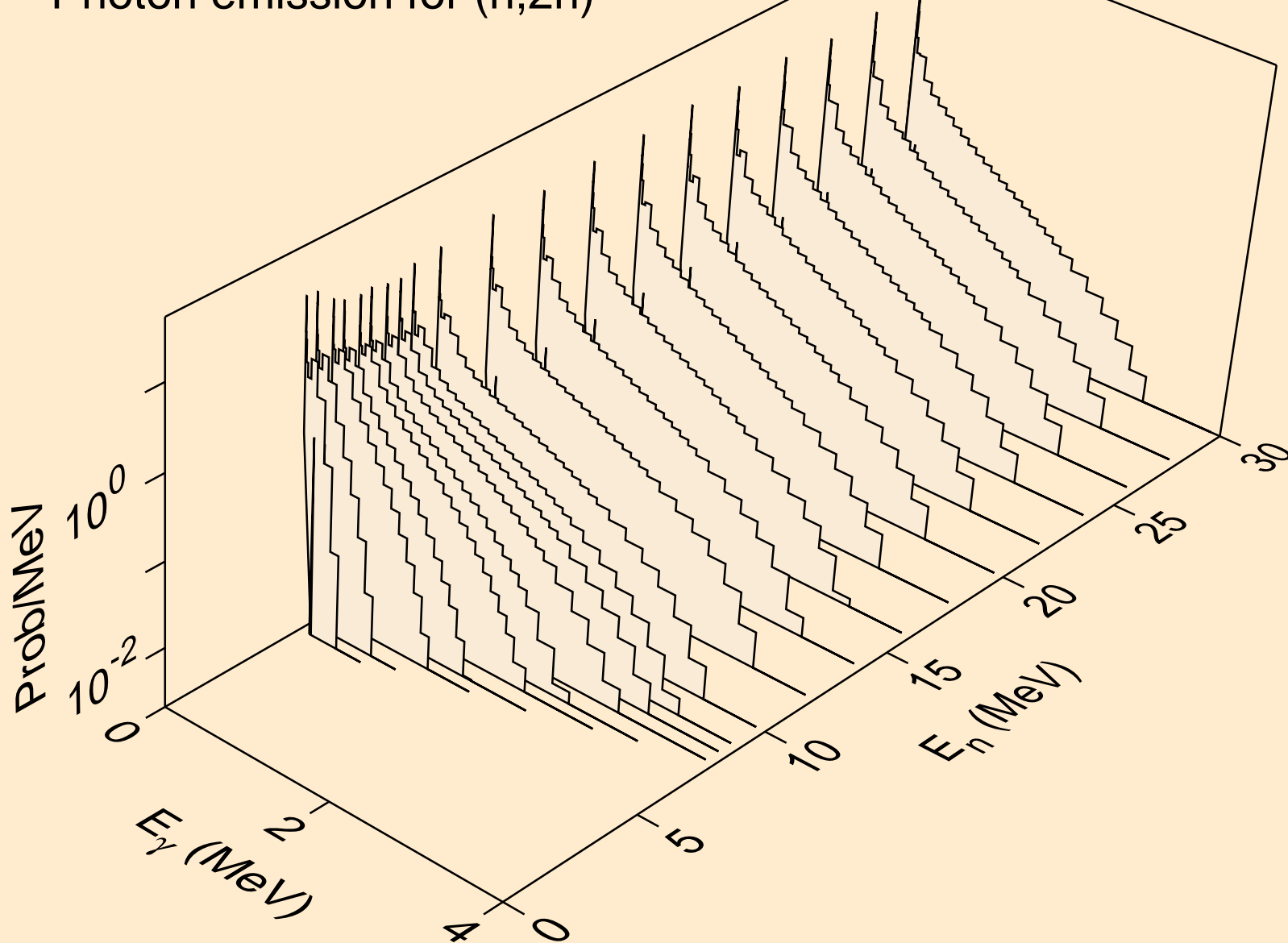
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Photon emission for (n,x)



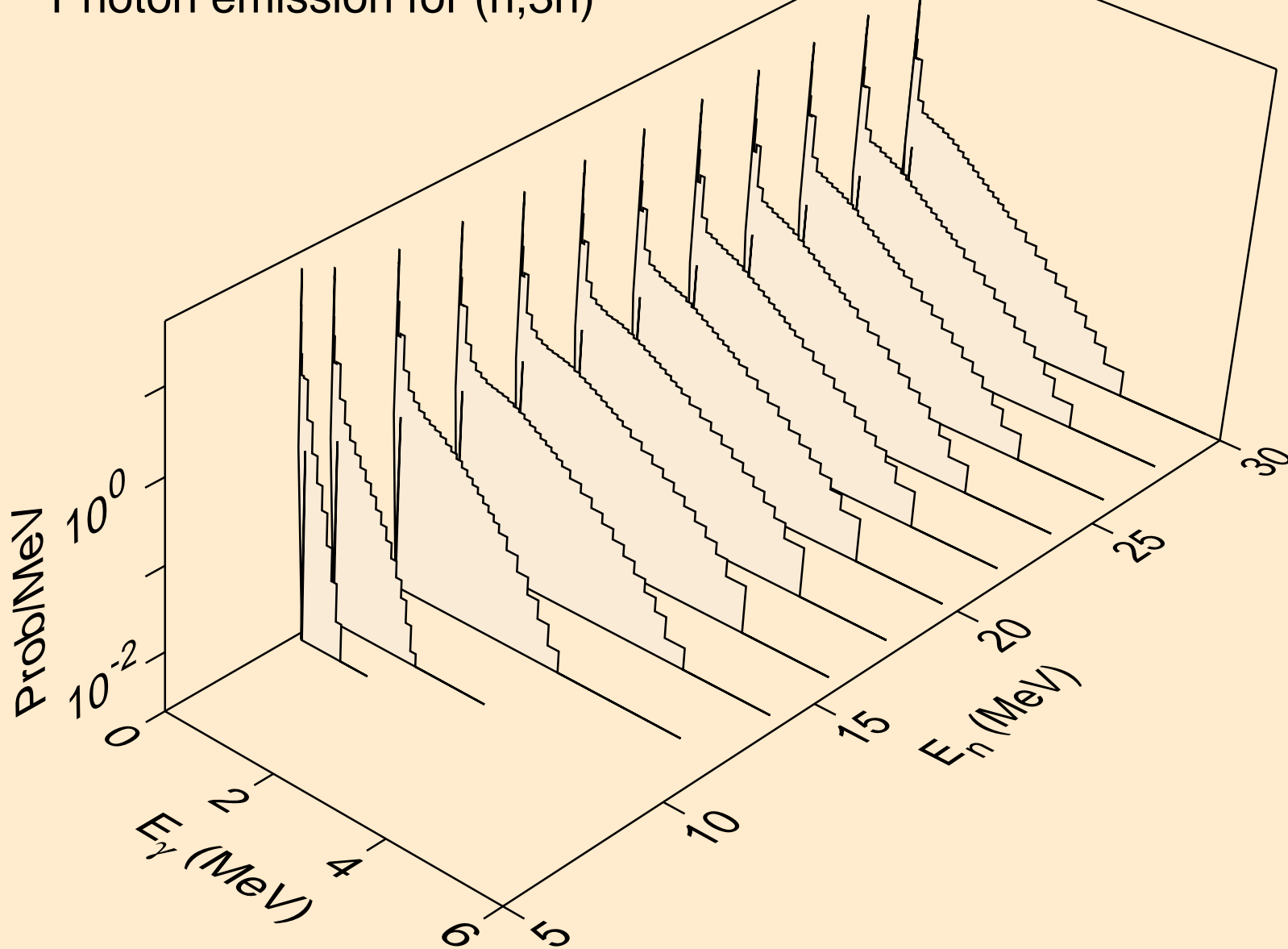
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Photon emission for (n,2nd)



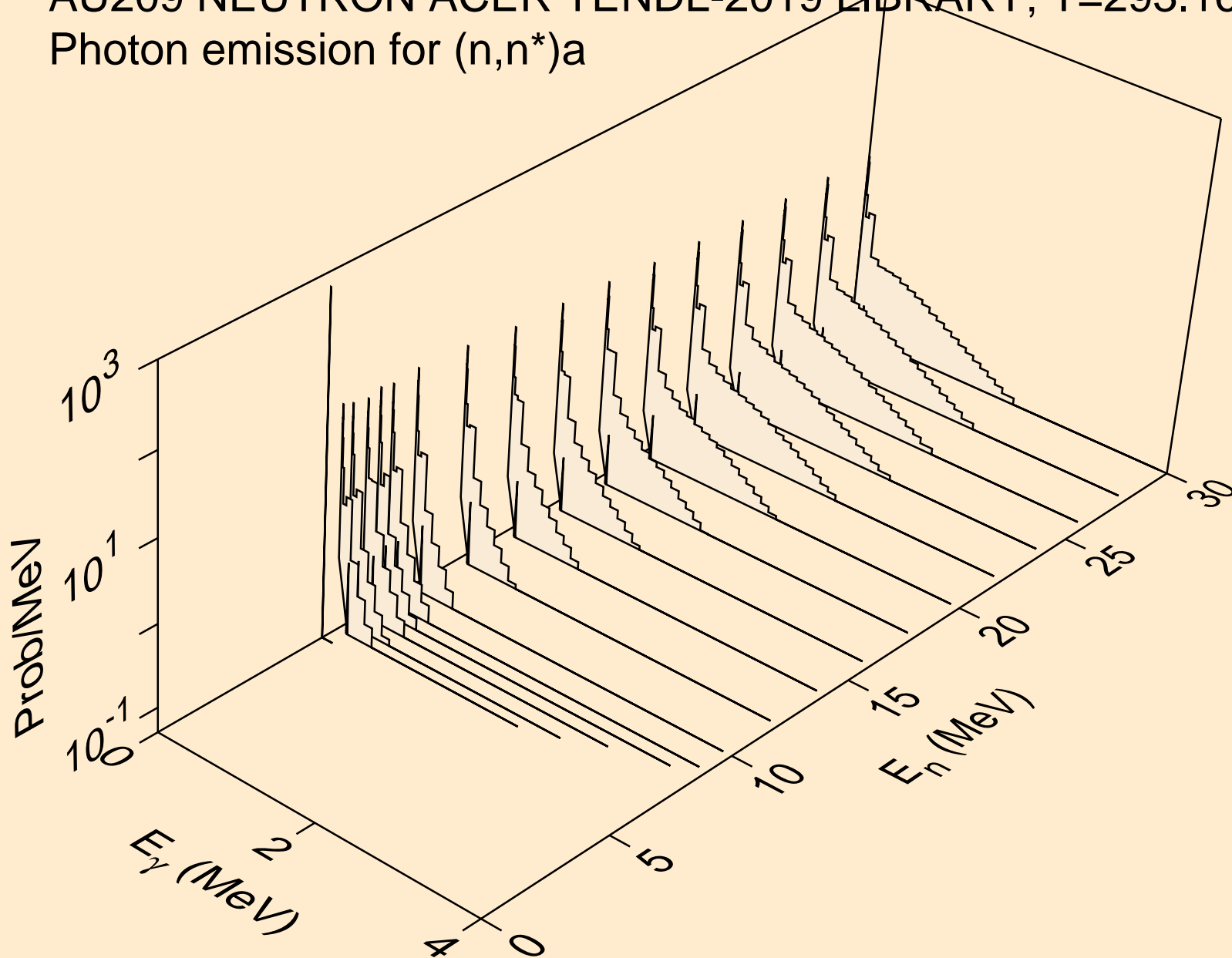
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Photon emission for (n,2n)



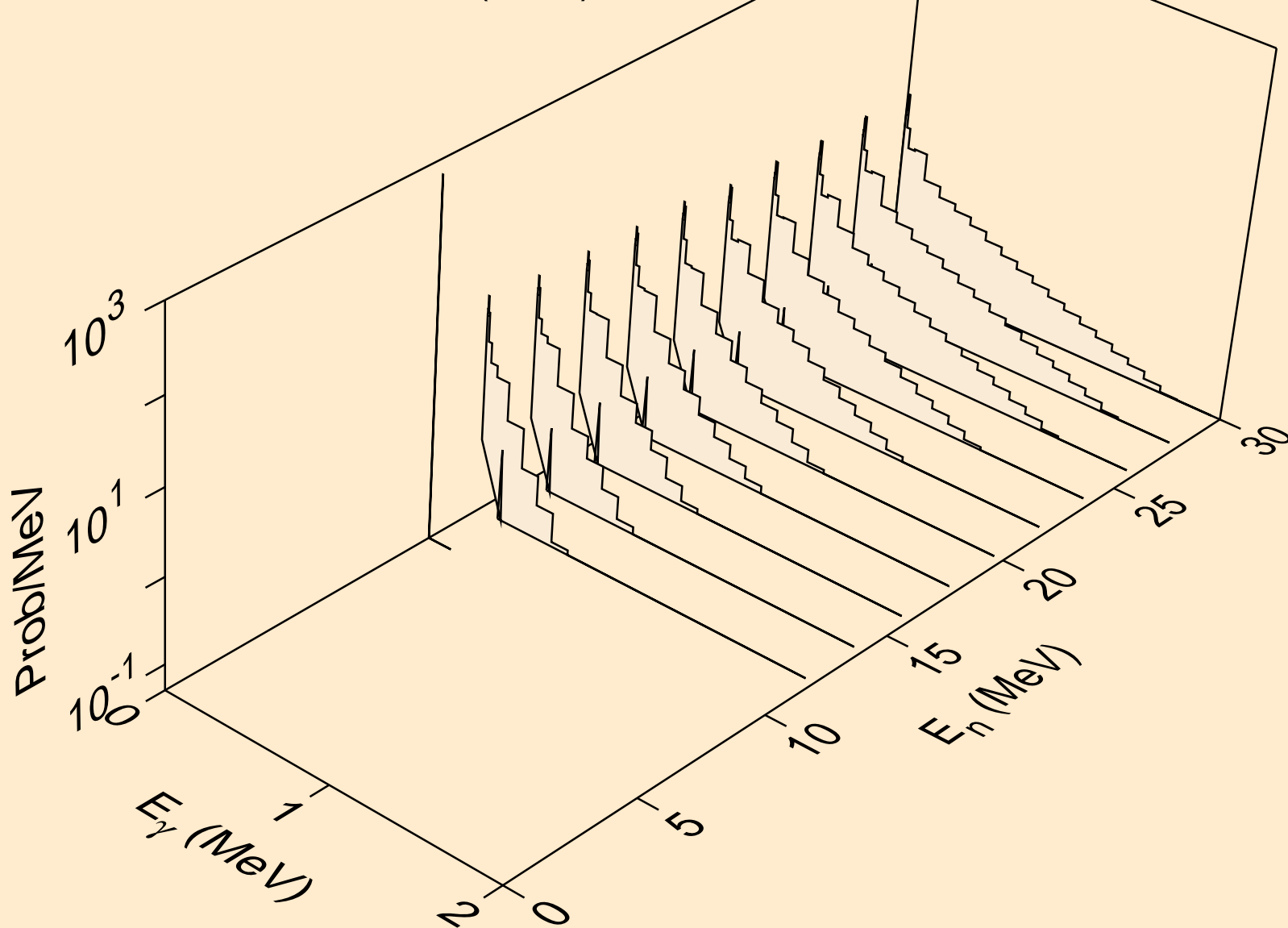
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Photon emission for (n,3n)



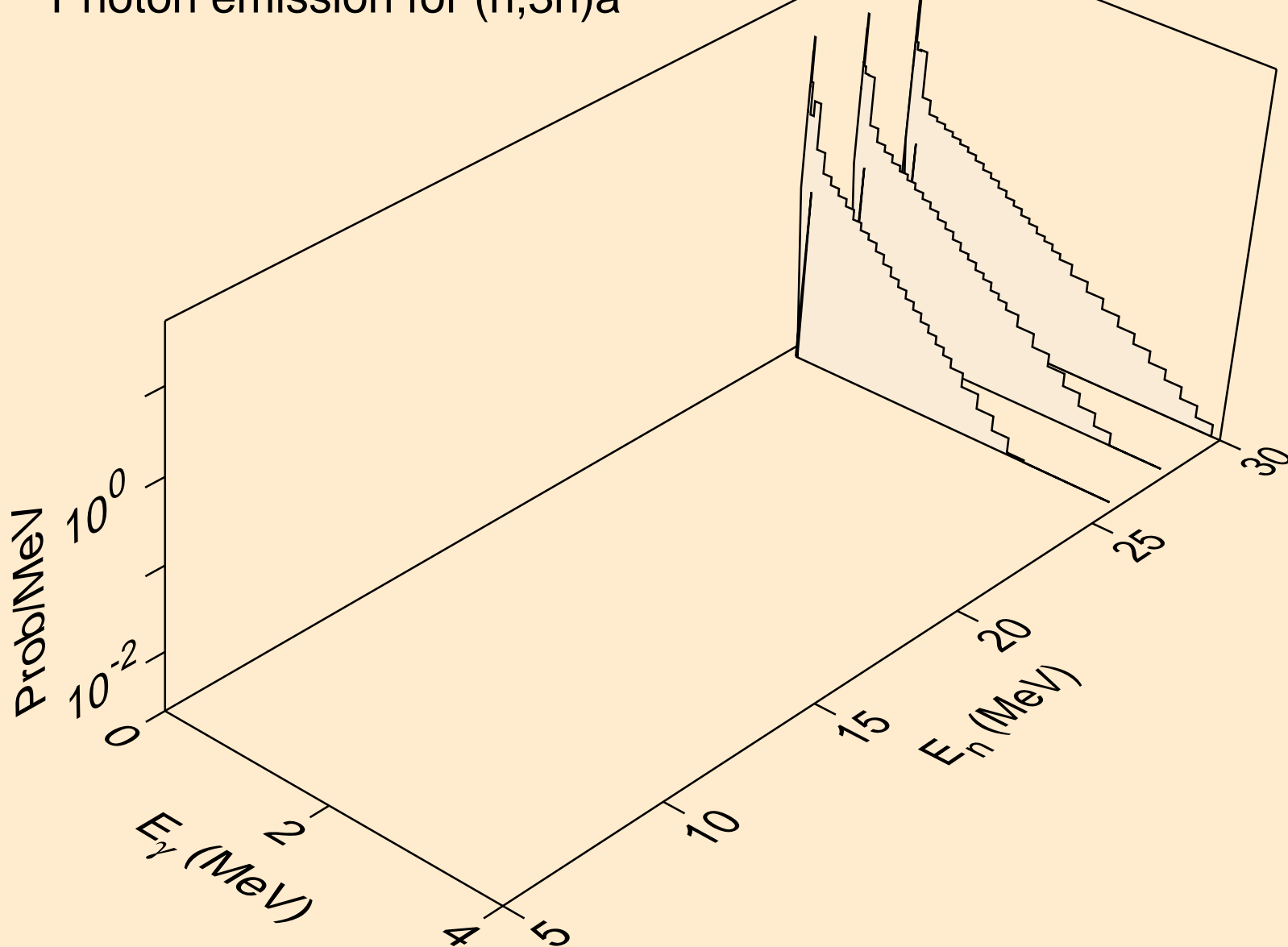
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Photon emission for (n,n\*)a



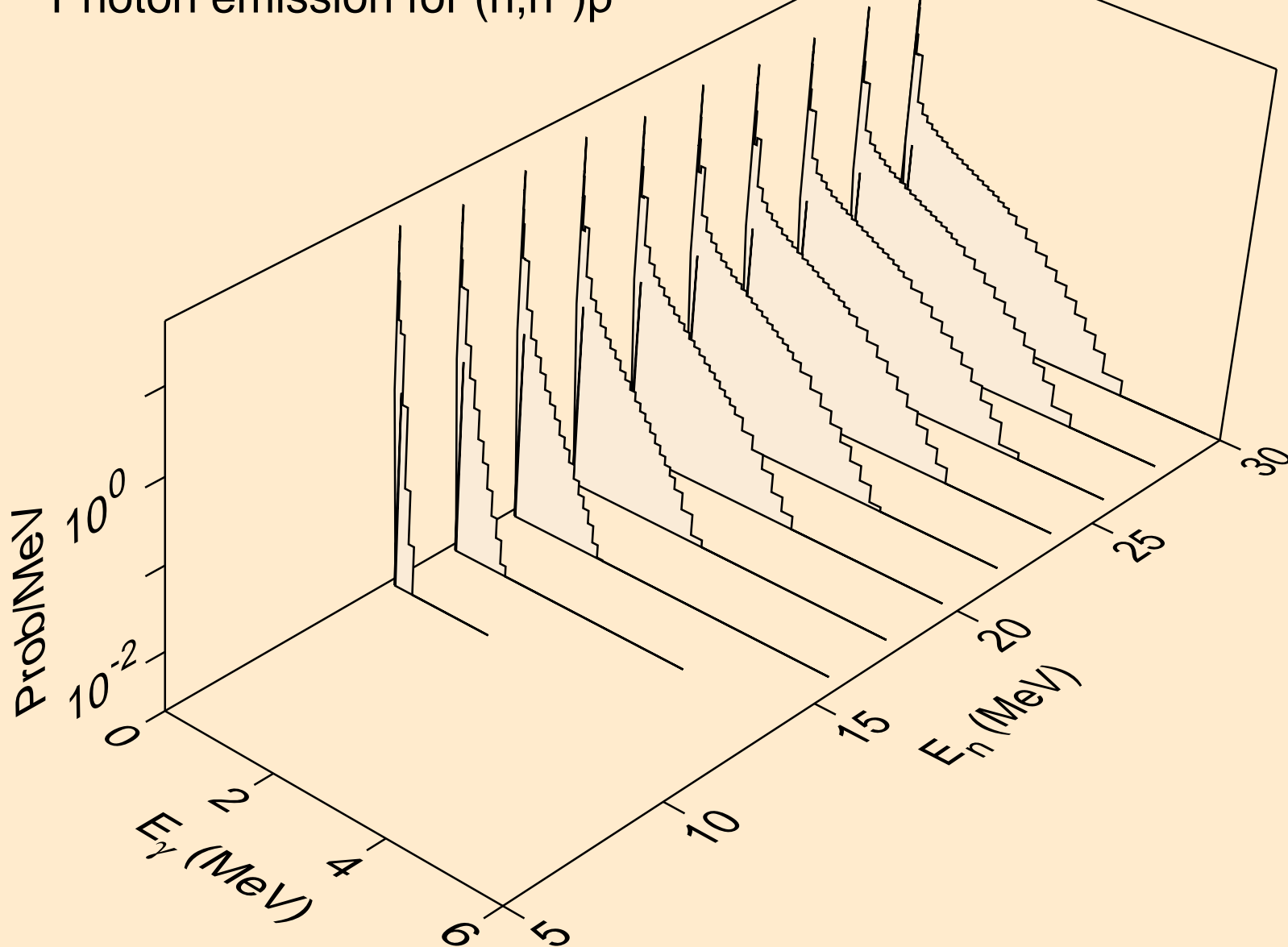
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Photon emission for (n,2n)a



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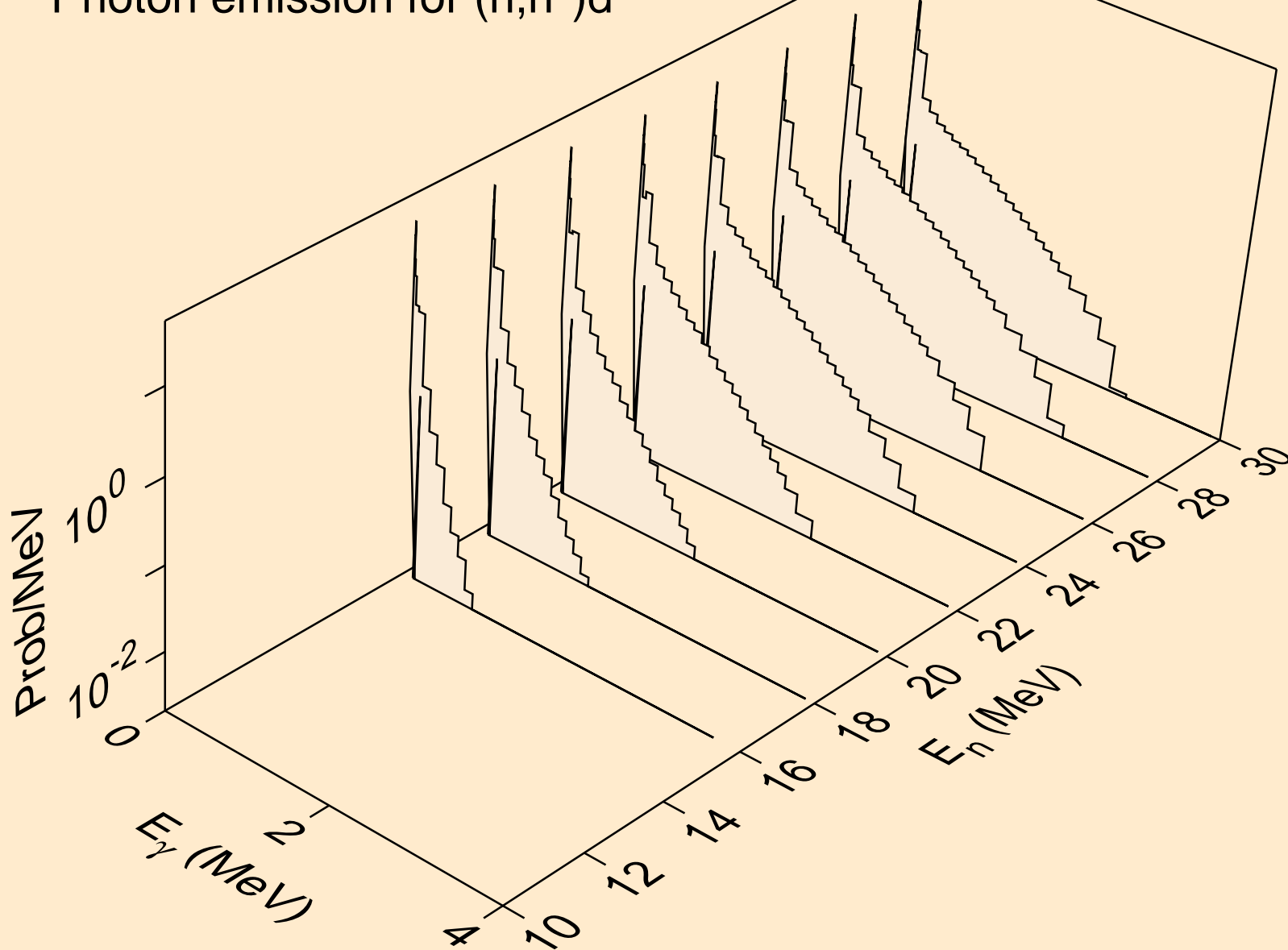


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Photon emission for (n,n\*)p

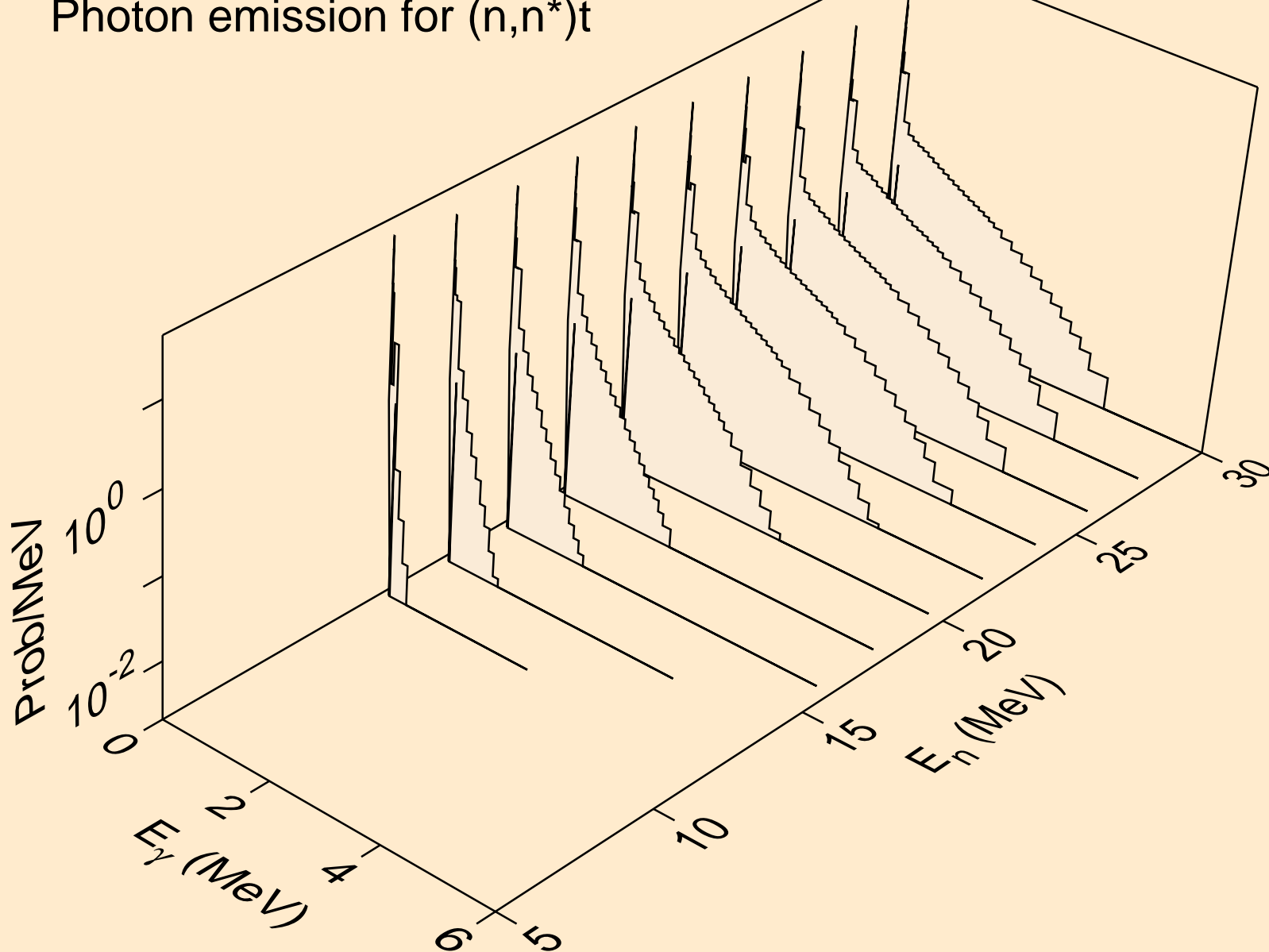




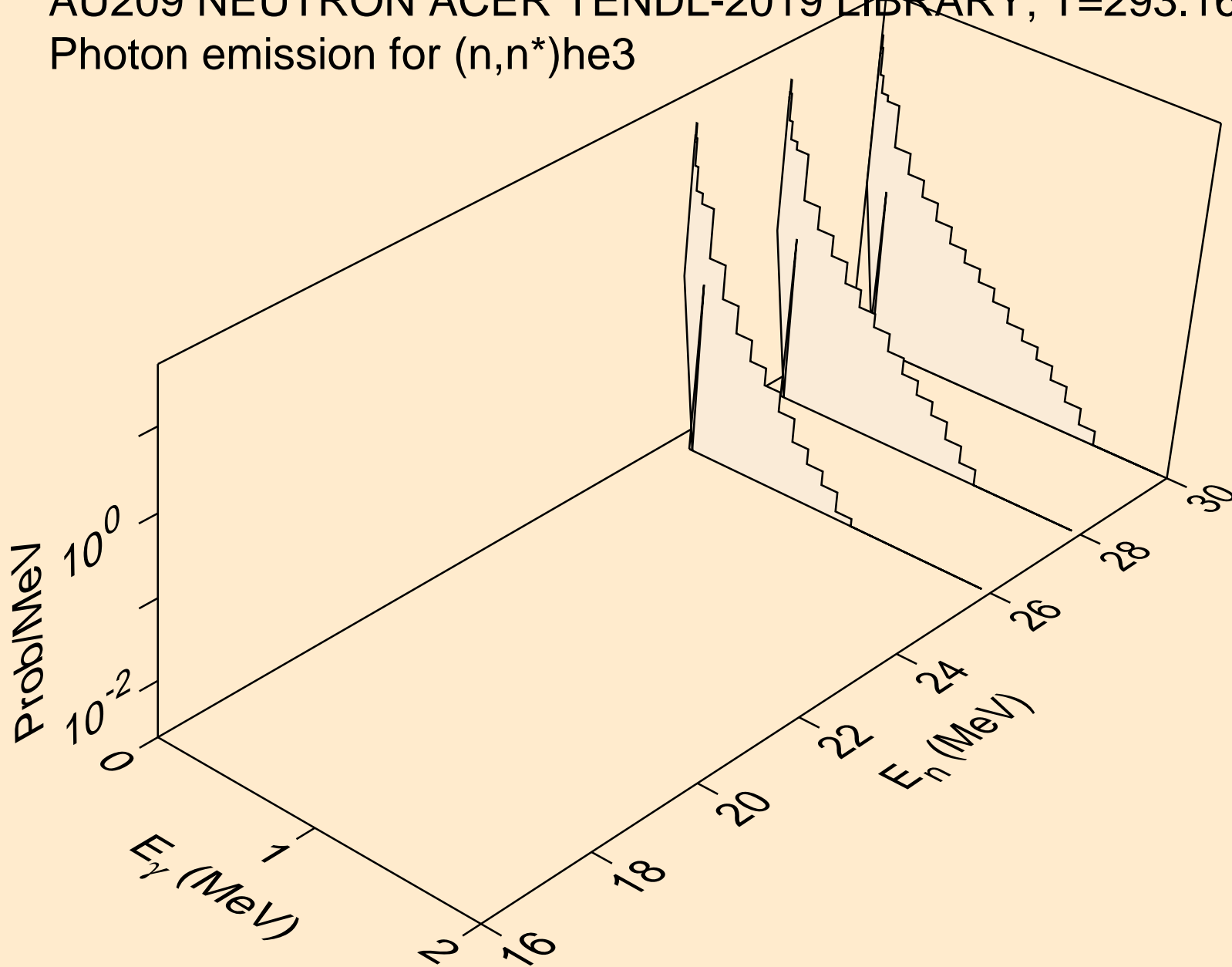
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Photon emission for (n,n\*)d



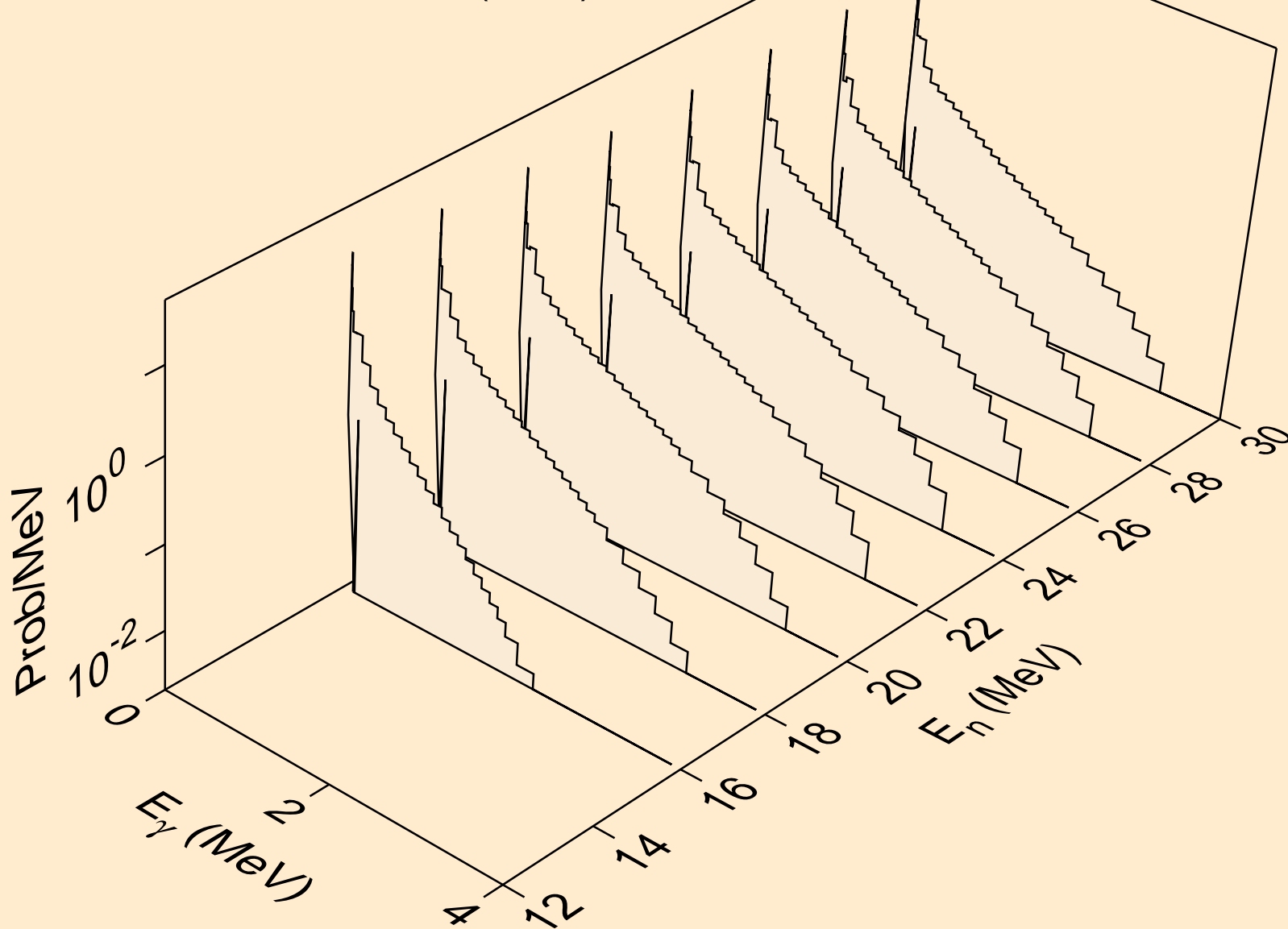
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Photon emission for (n,n\*)t



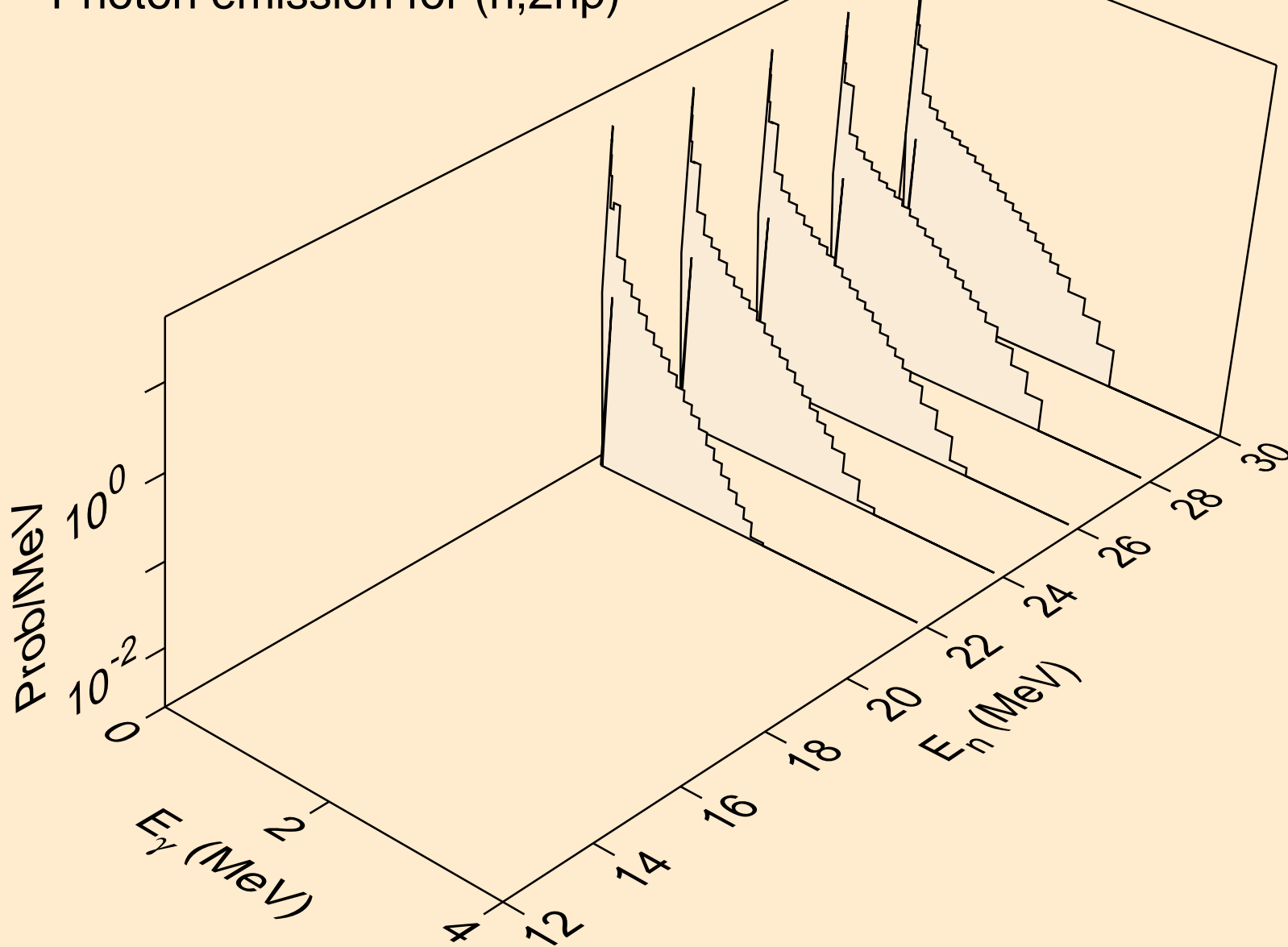
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Photon emission for (n,n\*)he3



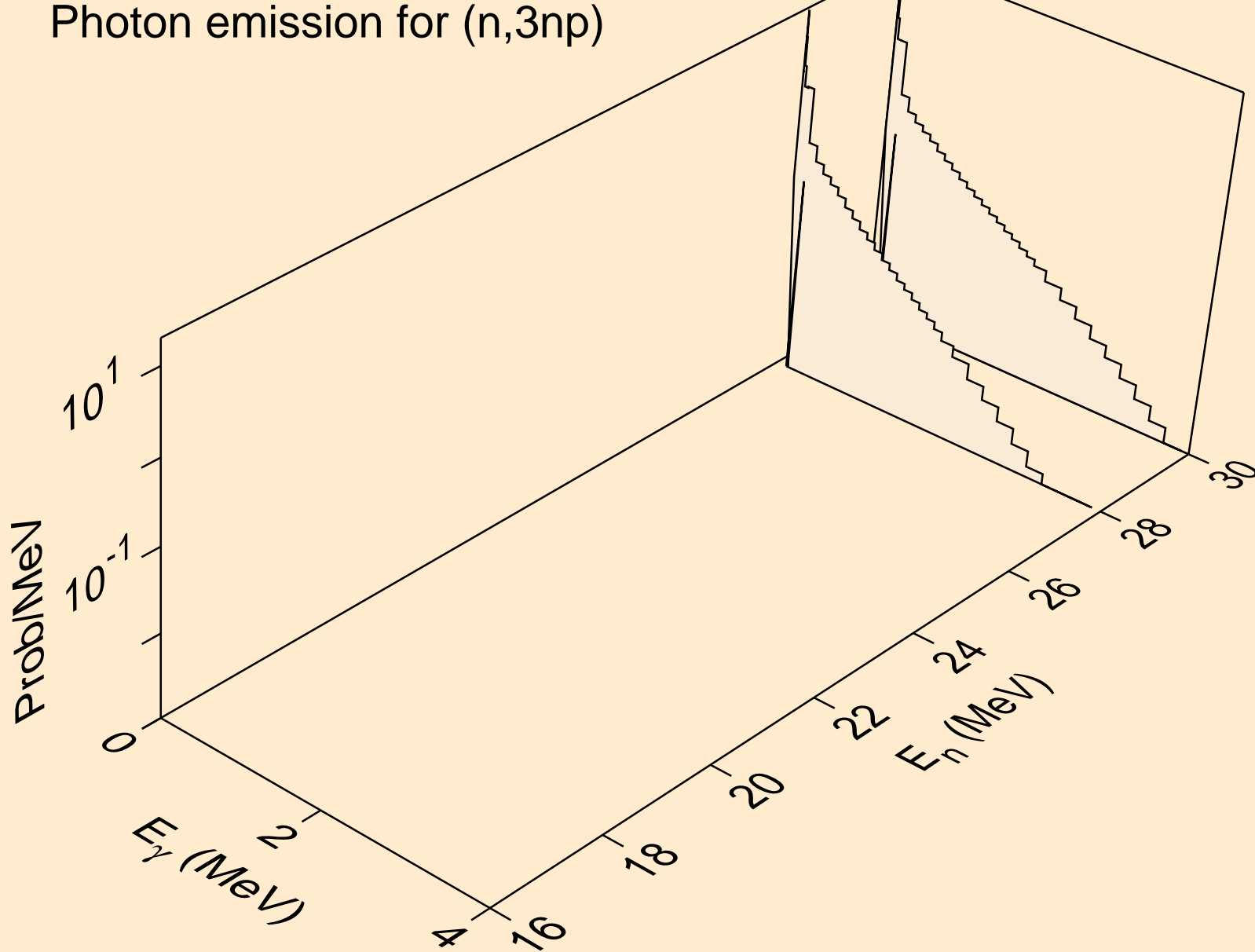
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Photon emission for (n,4n)



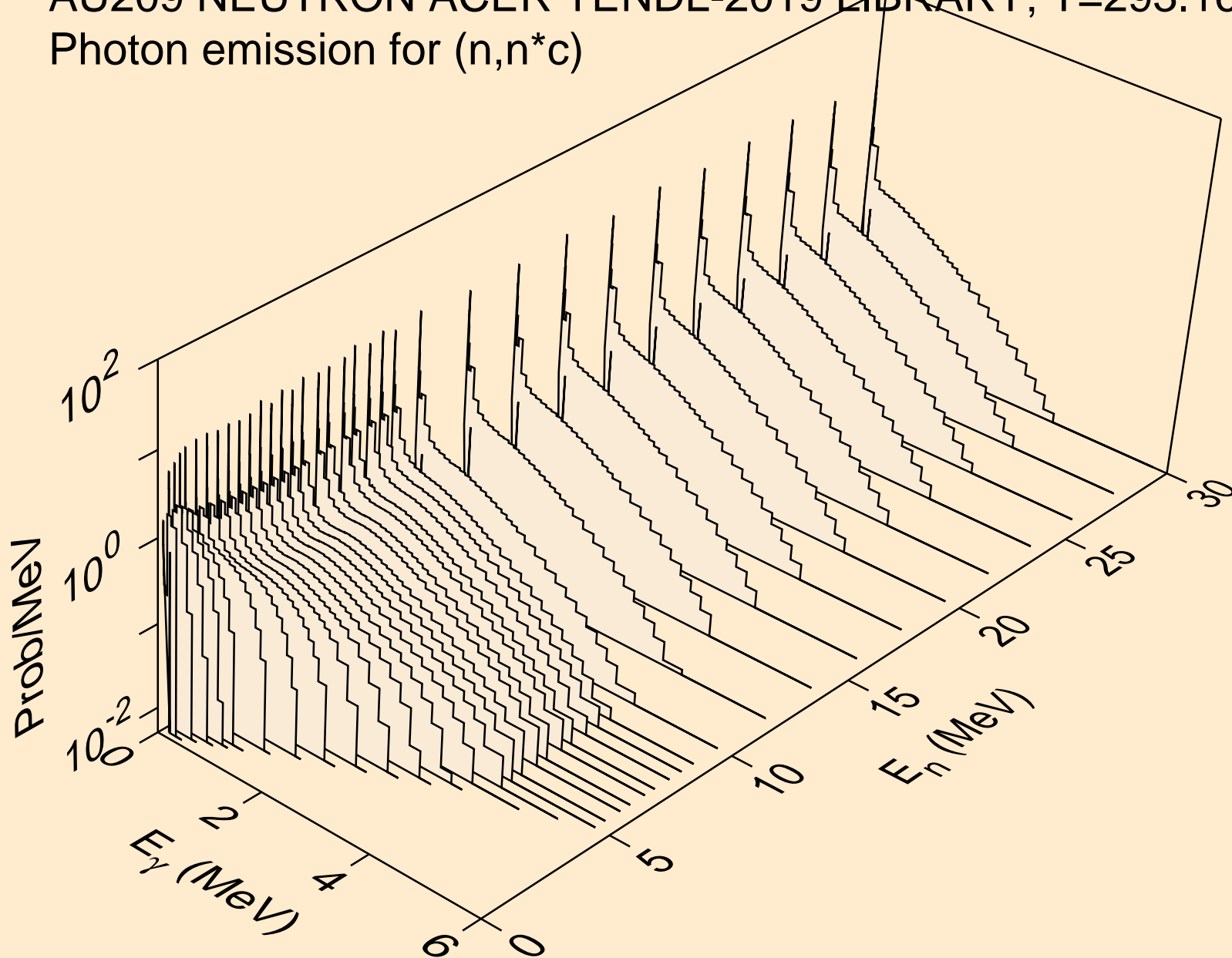
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Photon emission for (n,2np)



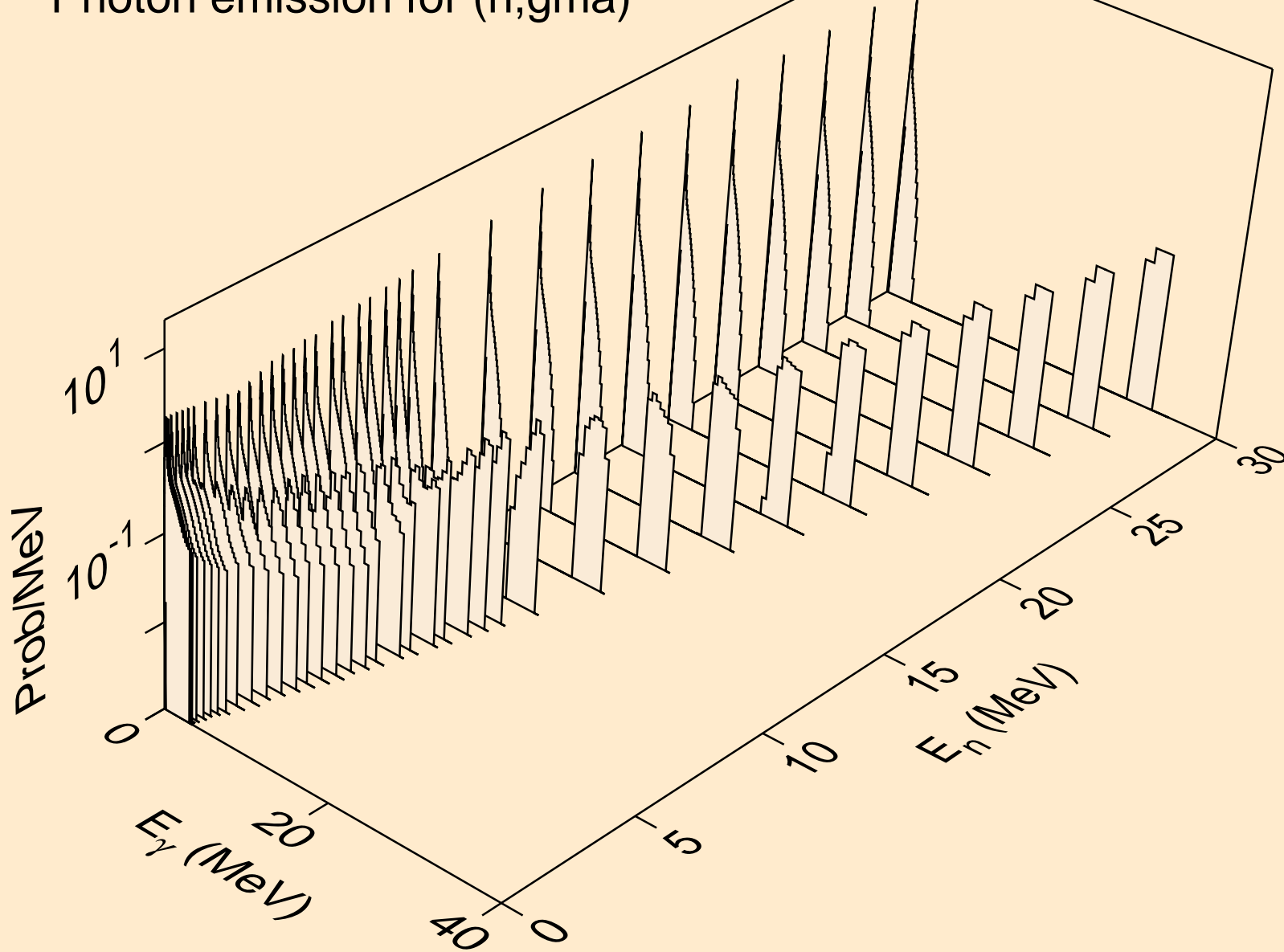
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Photon emission for (n,3np)



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Photon emission for (n,n\*c)

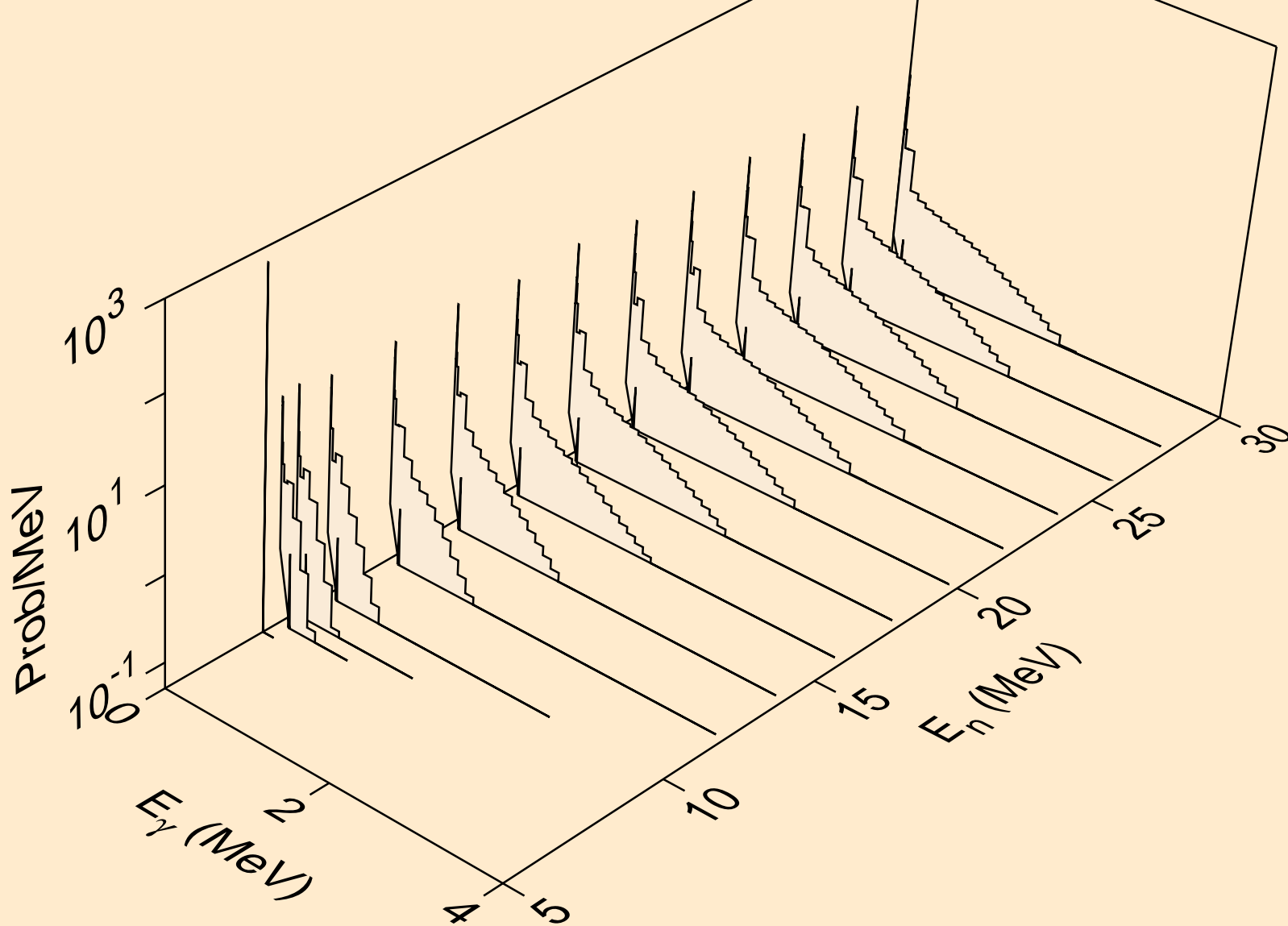


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Photon emission for (n,gma)

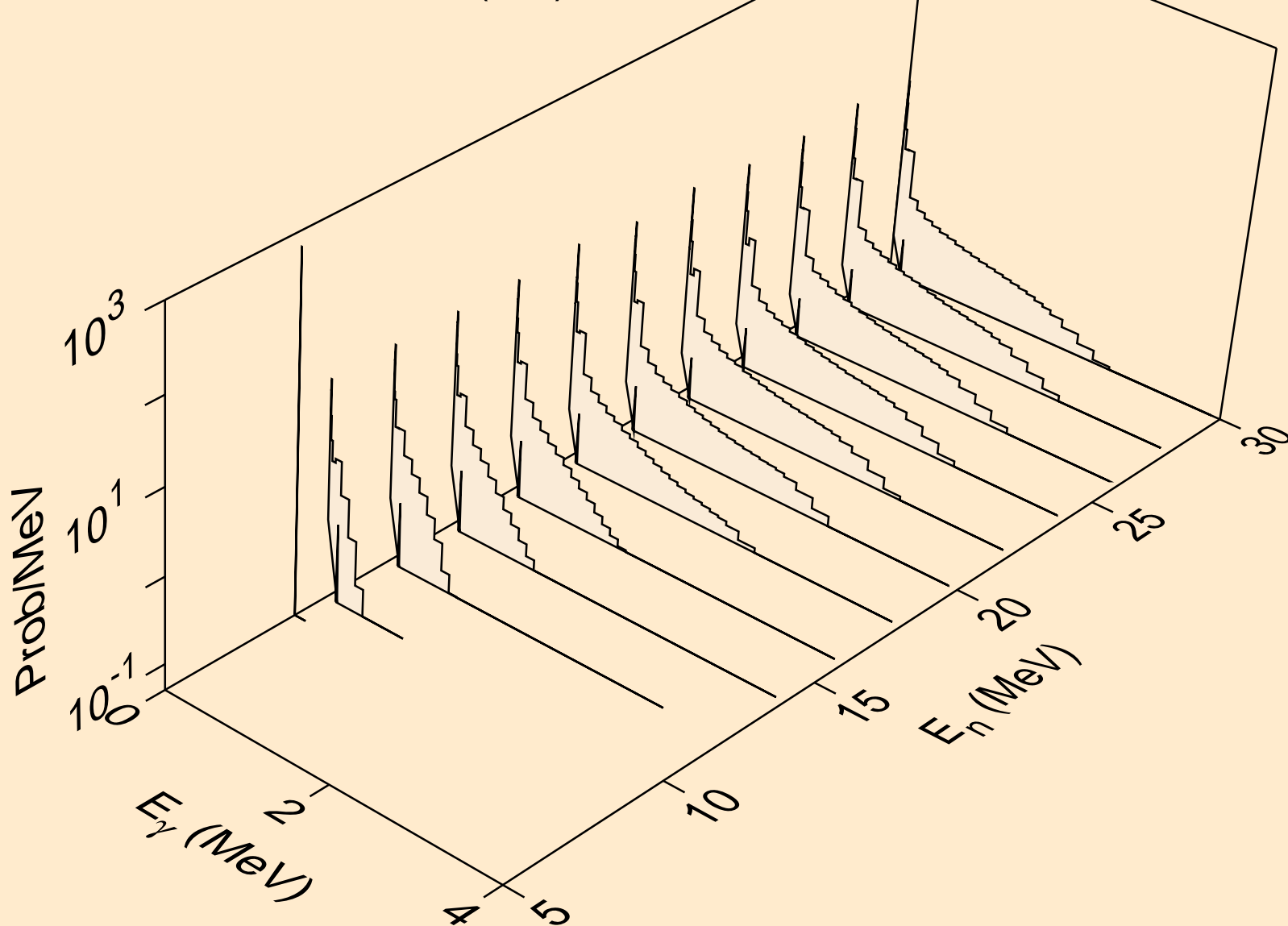




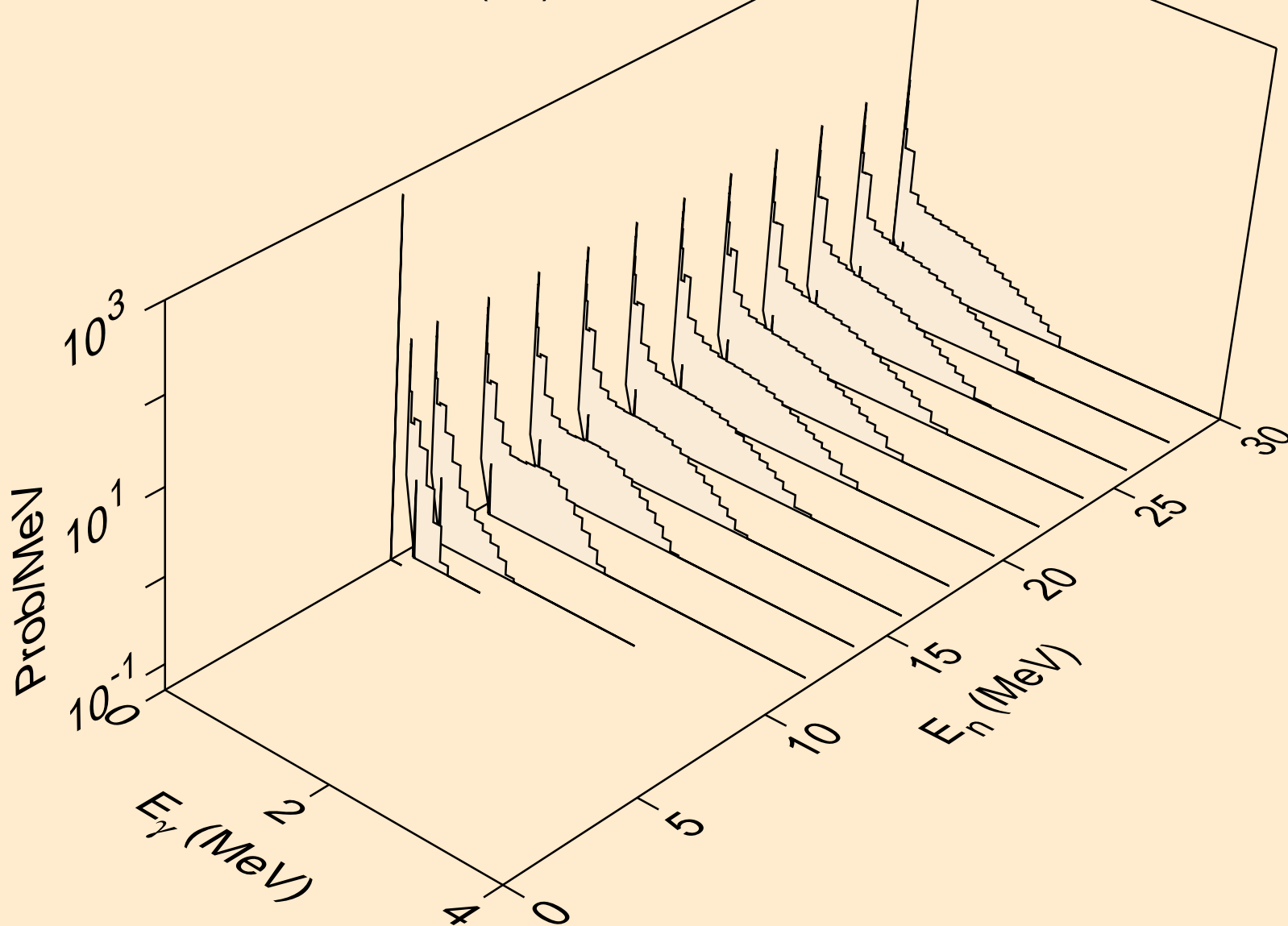
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Photon emission for (n,p)



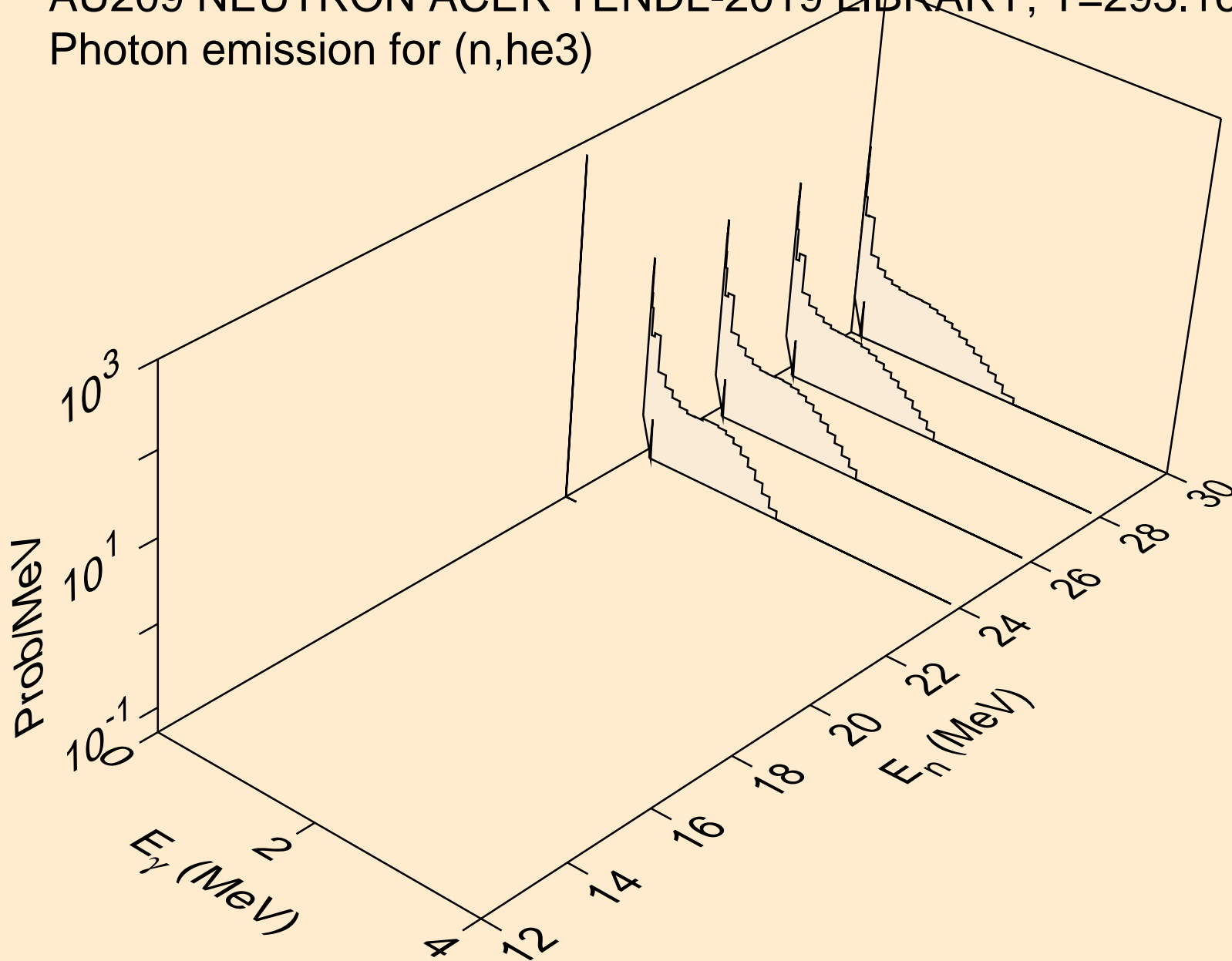
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Photon emission for (n,d)



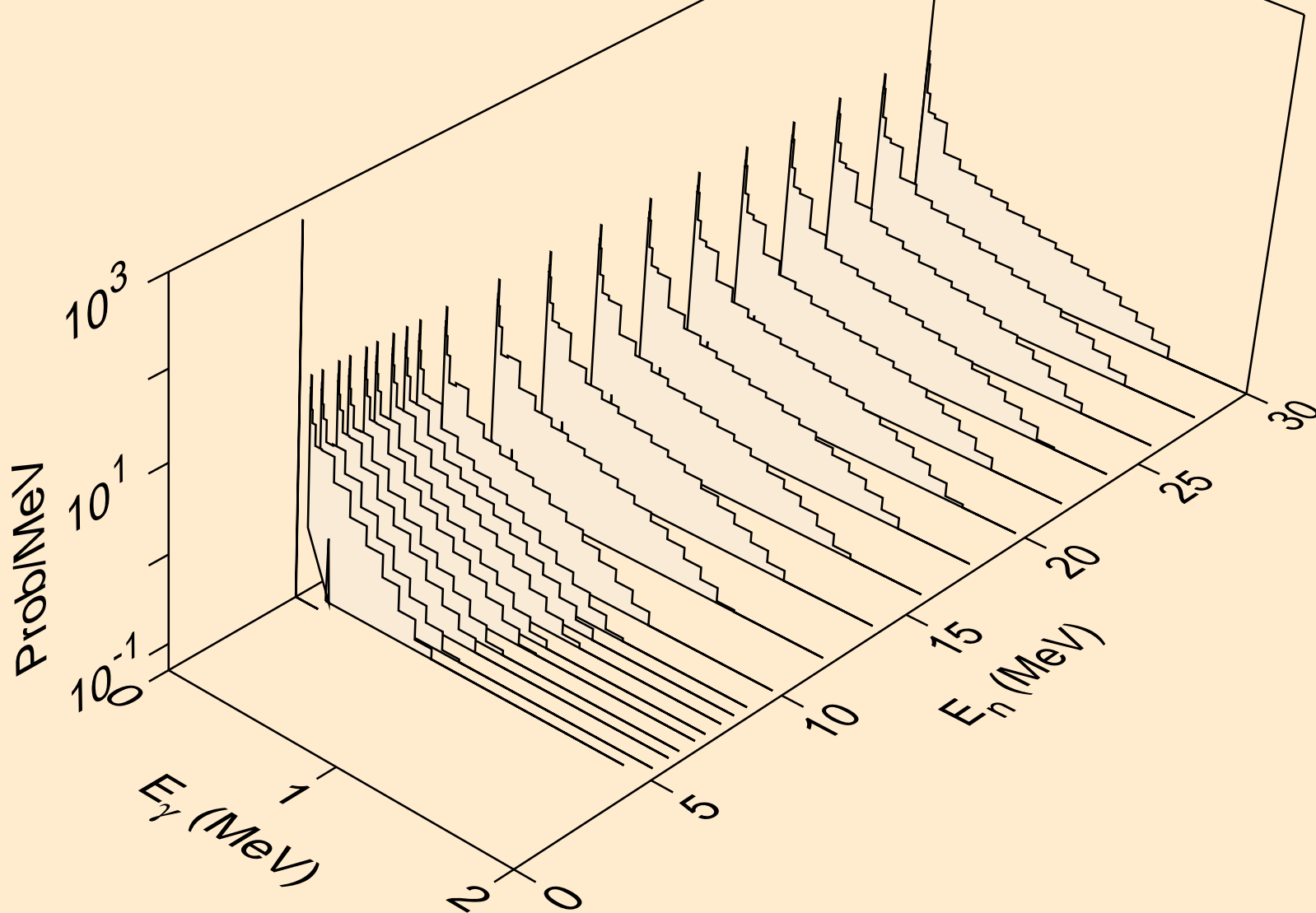
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Photon emission for (n,t)



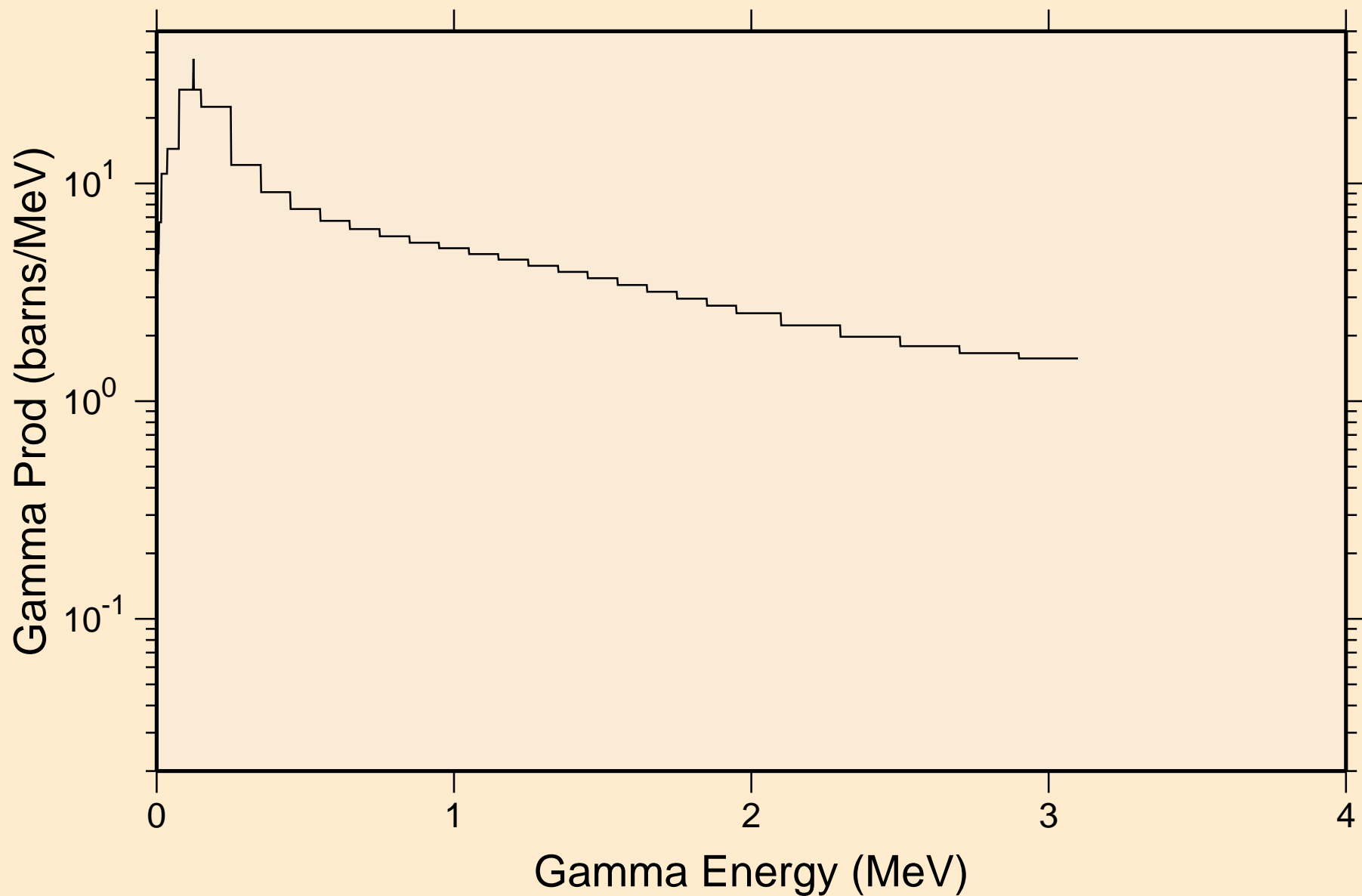
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Photon emission for (n,he3)



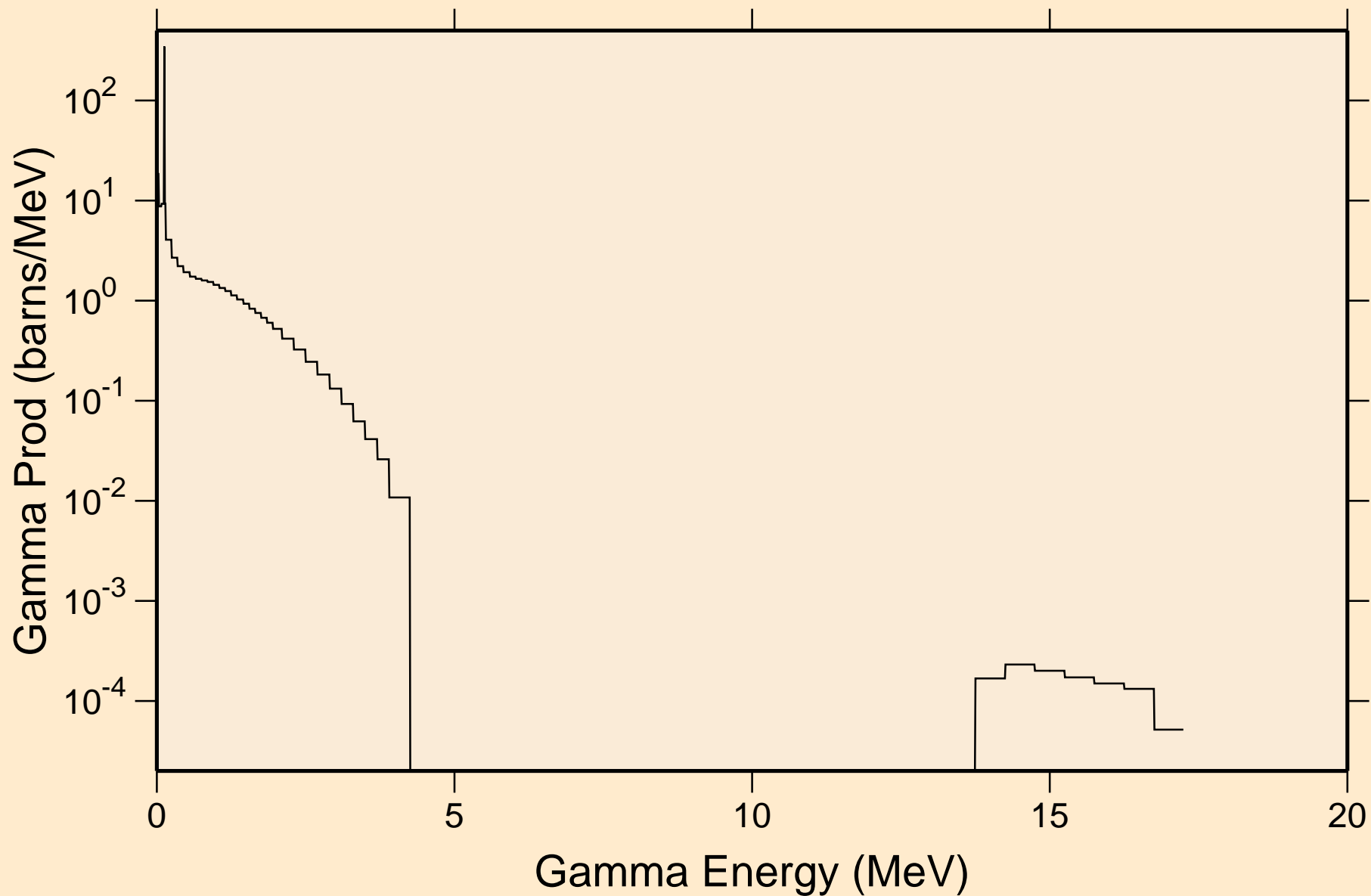
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Photon emission for (n,a)



AU209 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

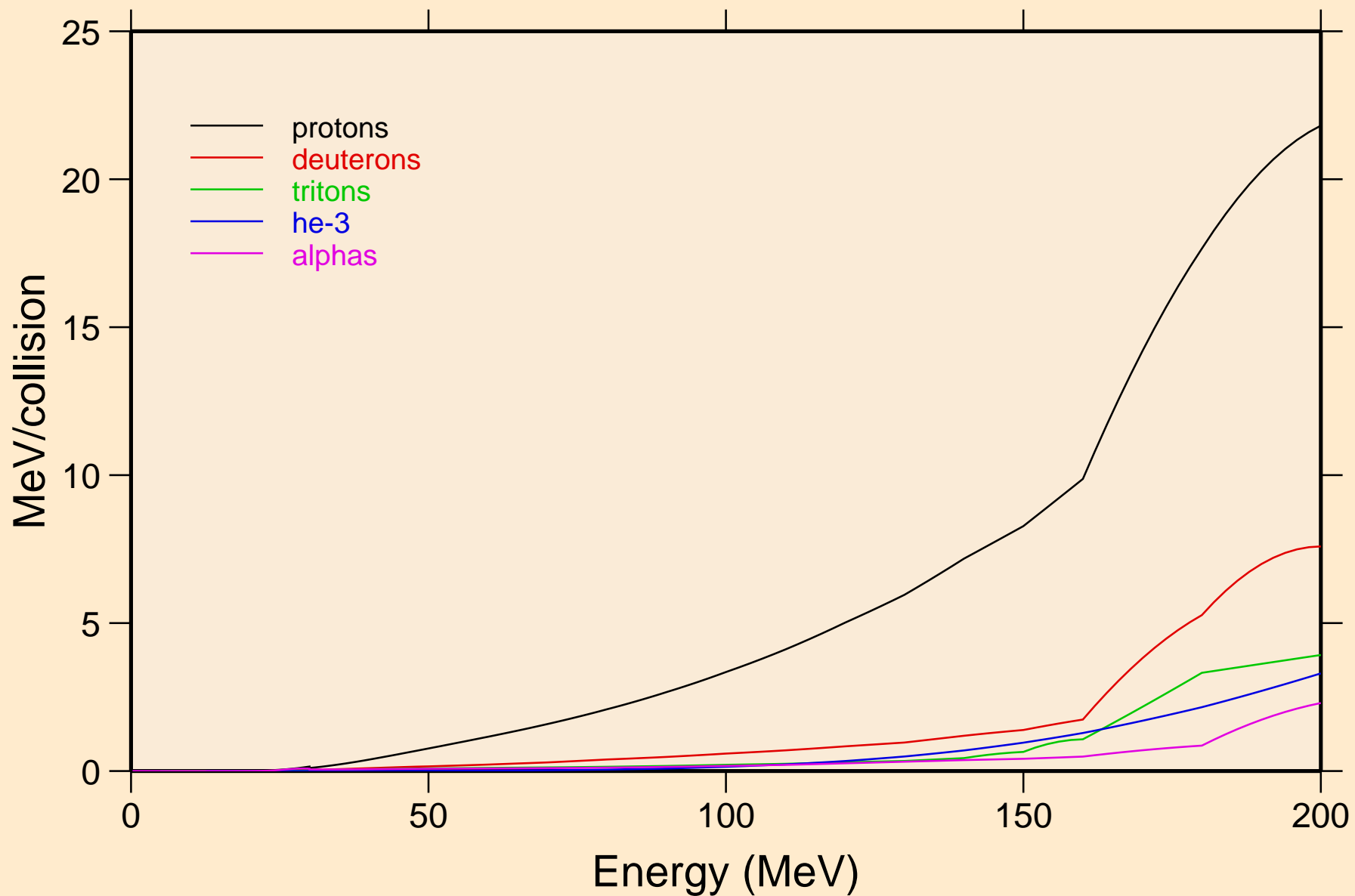


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14 MeV photon spectrum



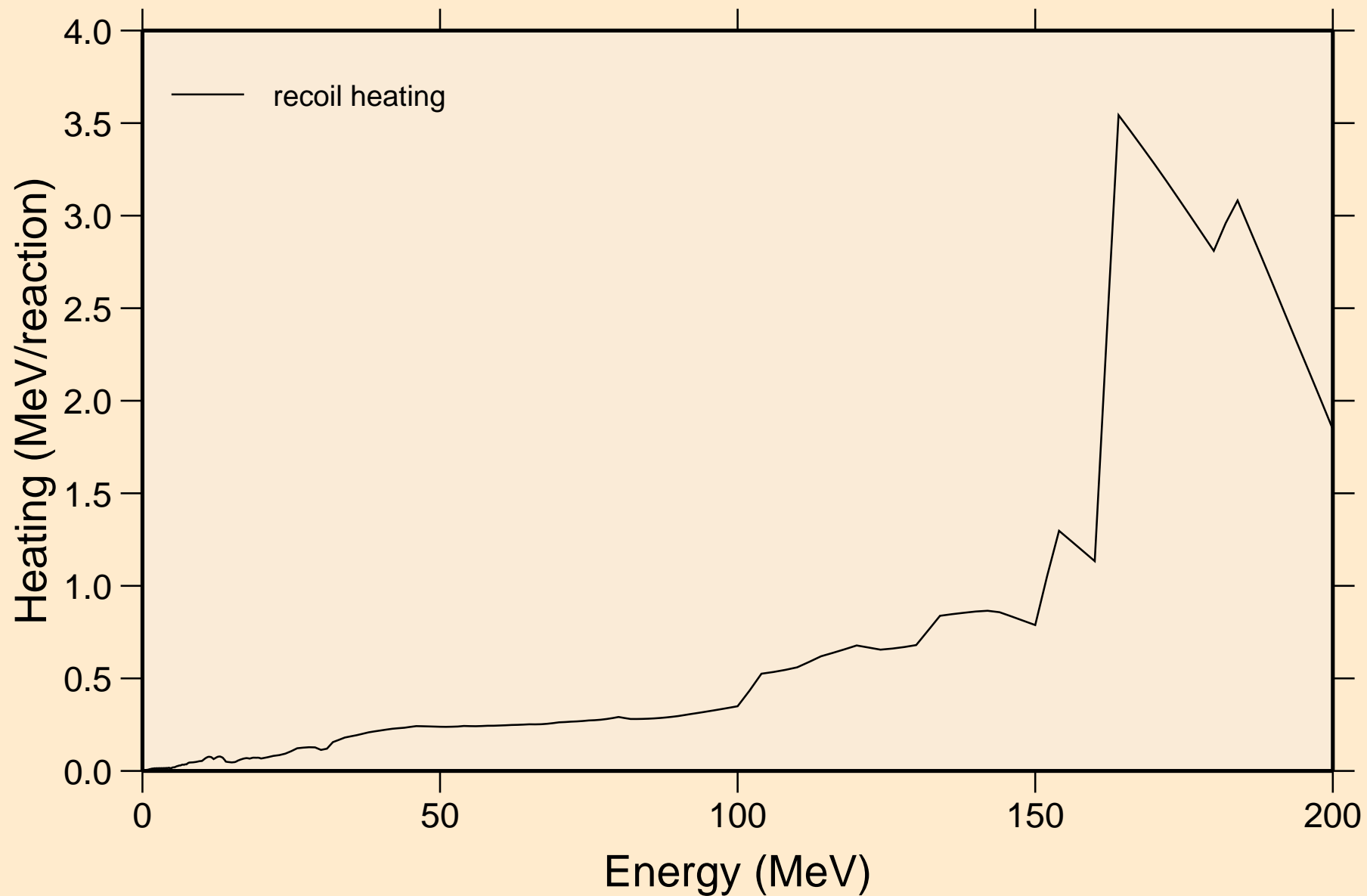
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## Particle heating contributions

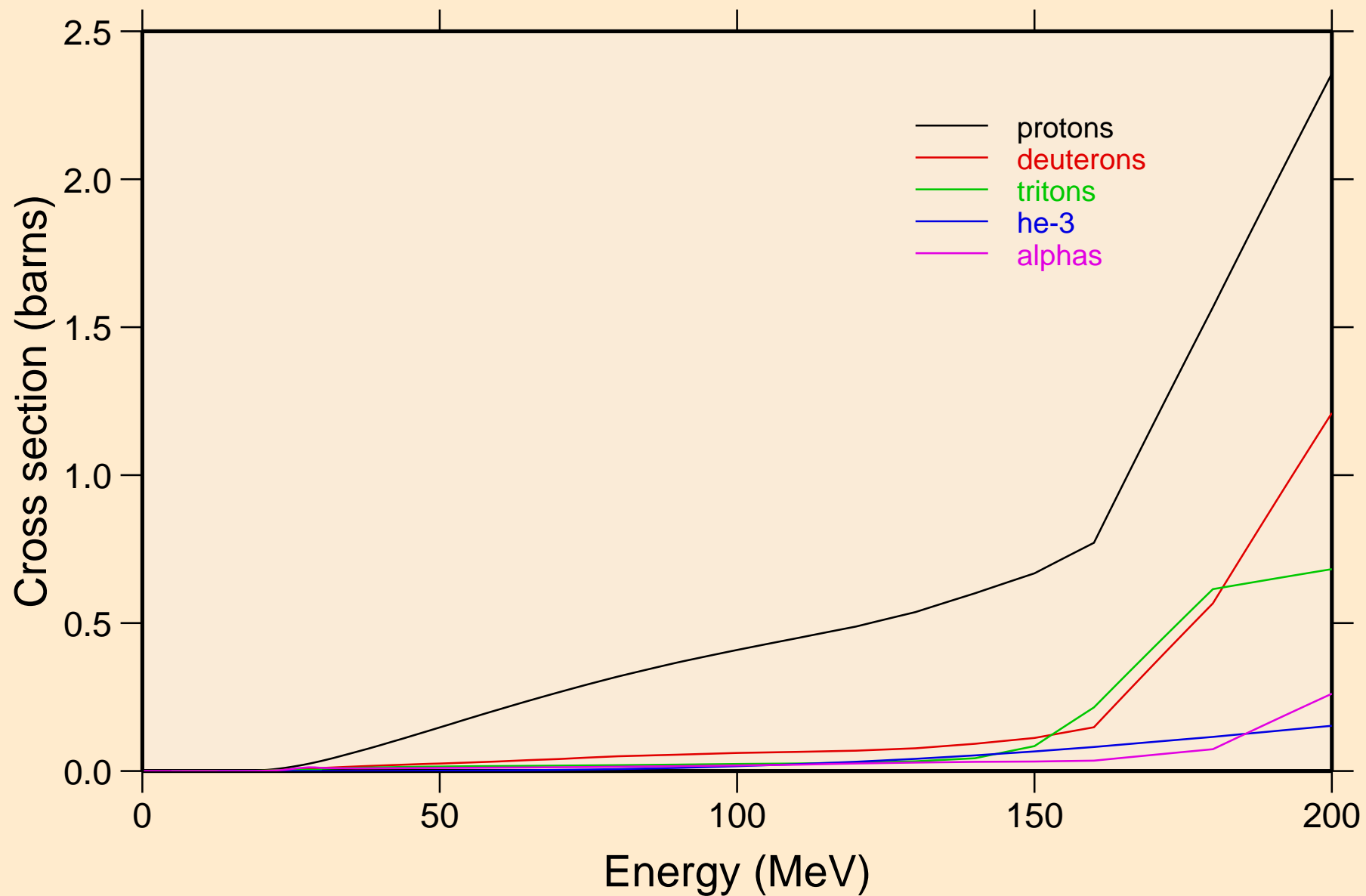




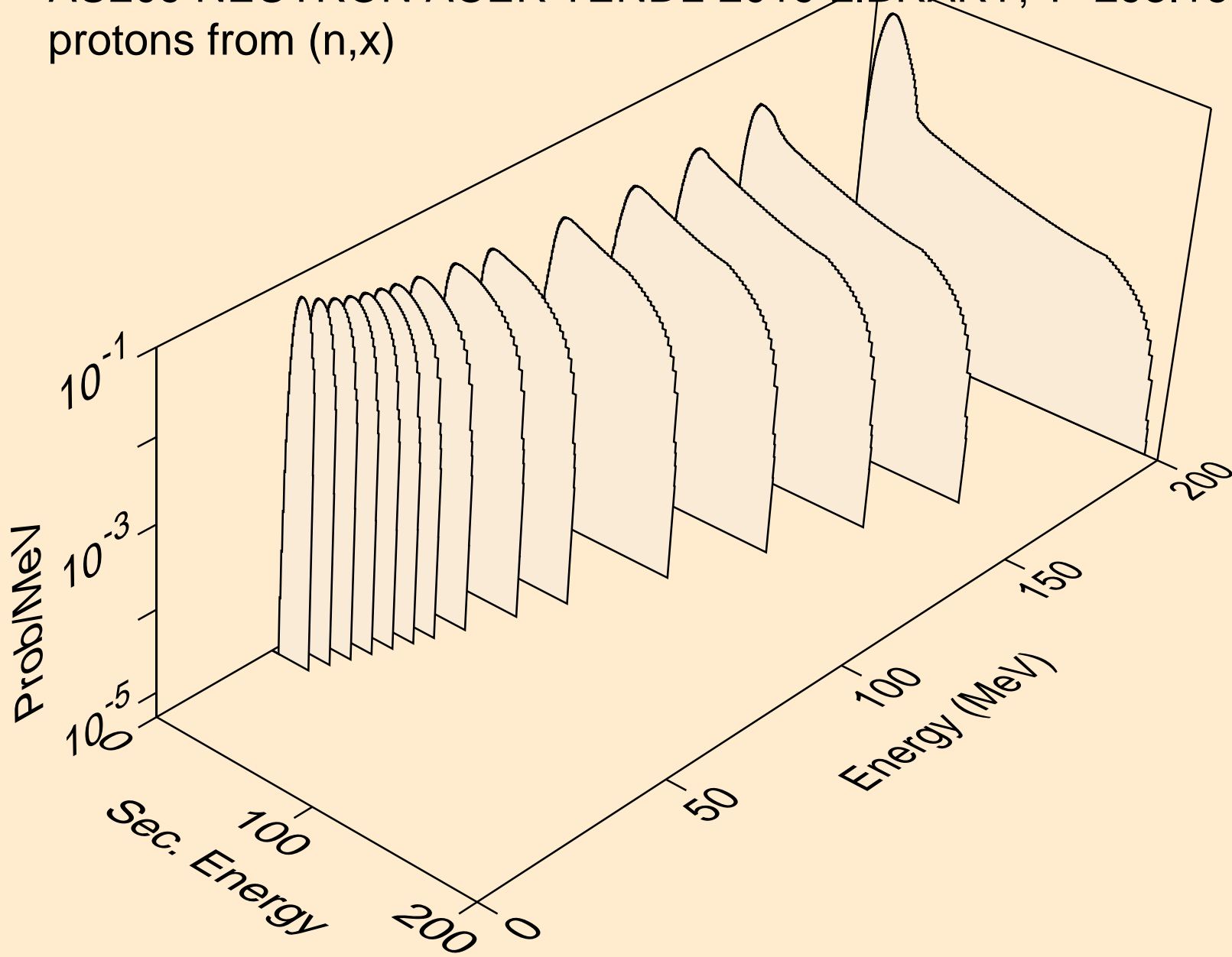
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Recoil Heating



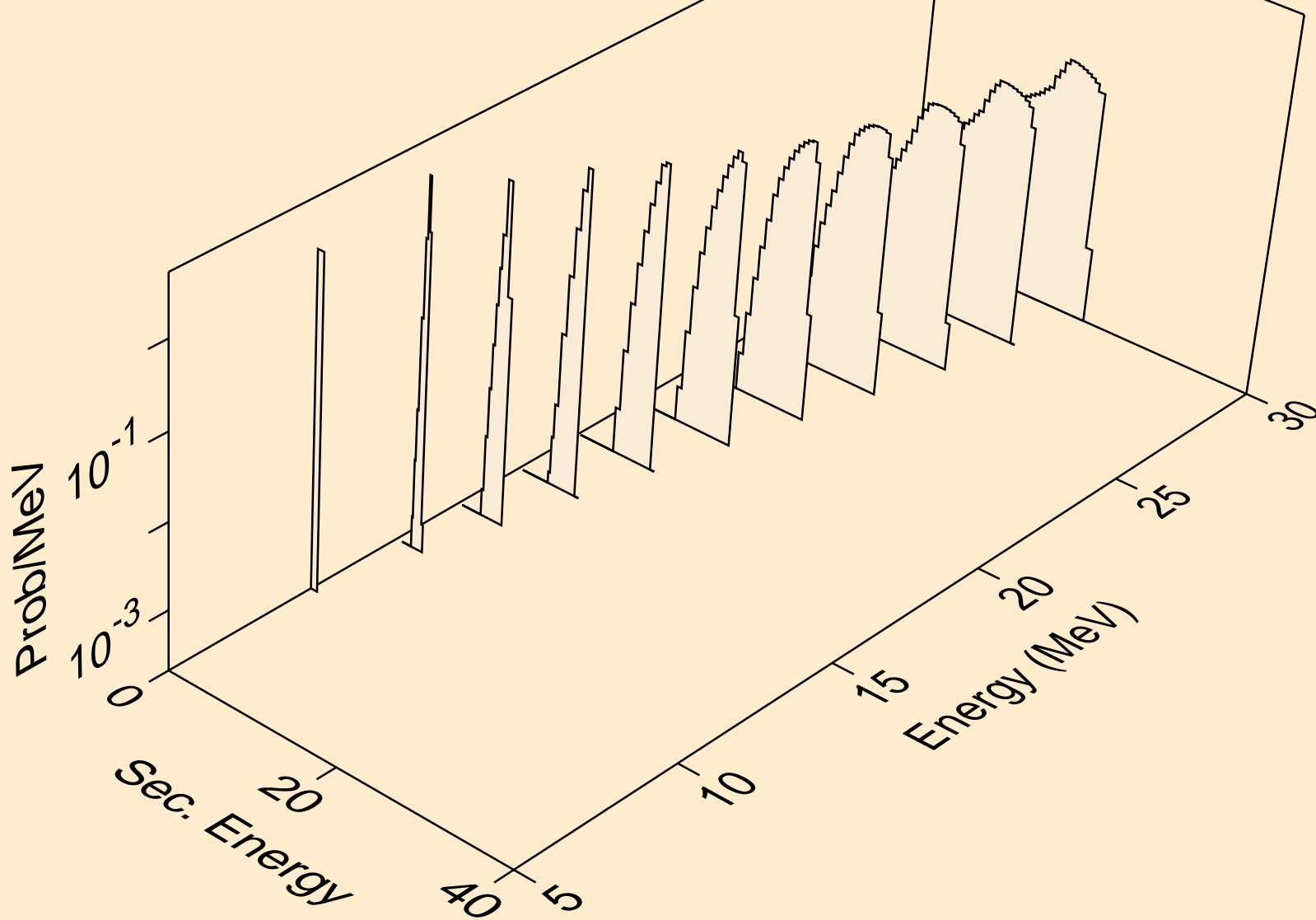
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Particle production cross sections



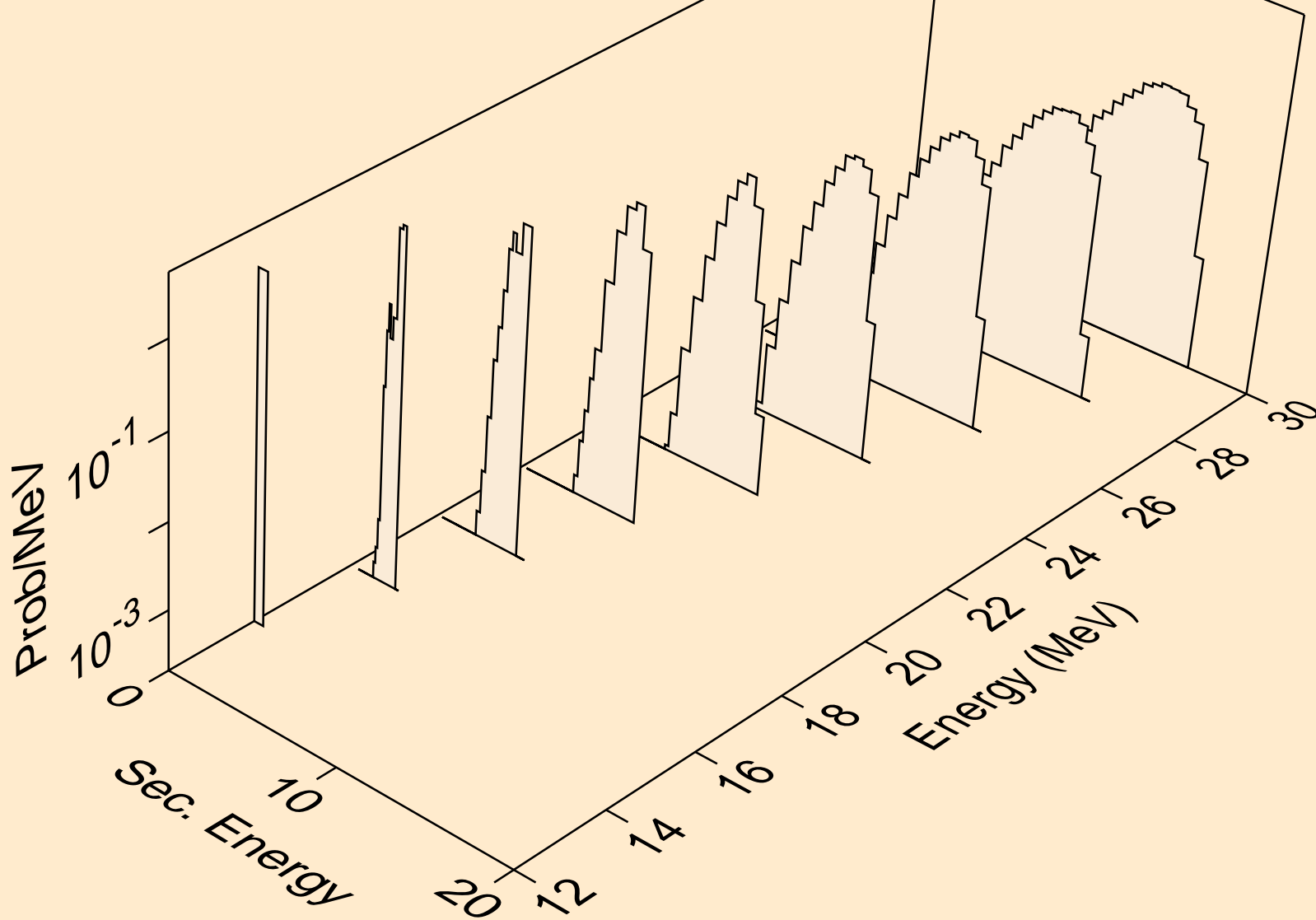
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protons from (n,x)



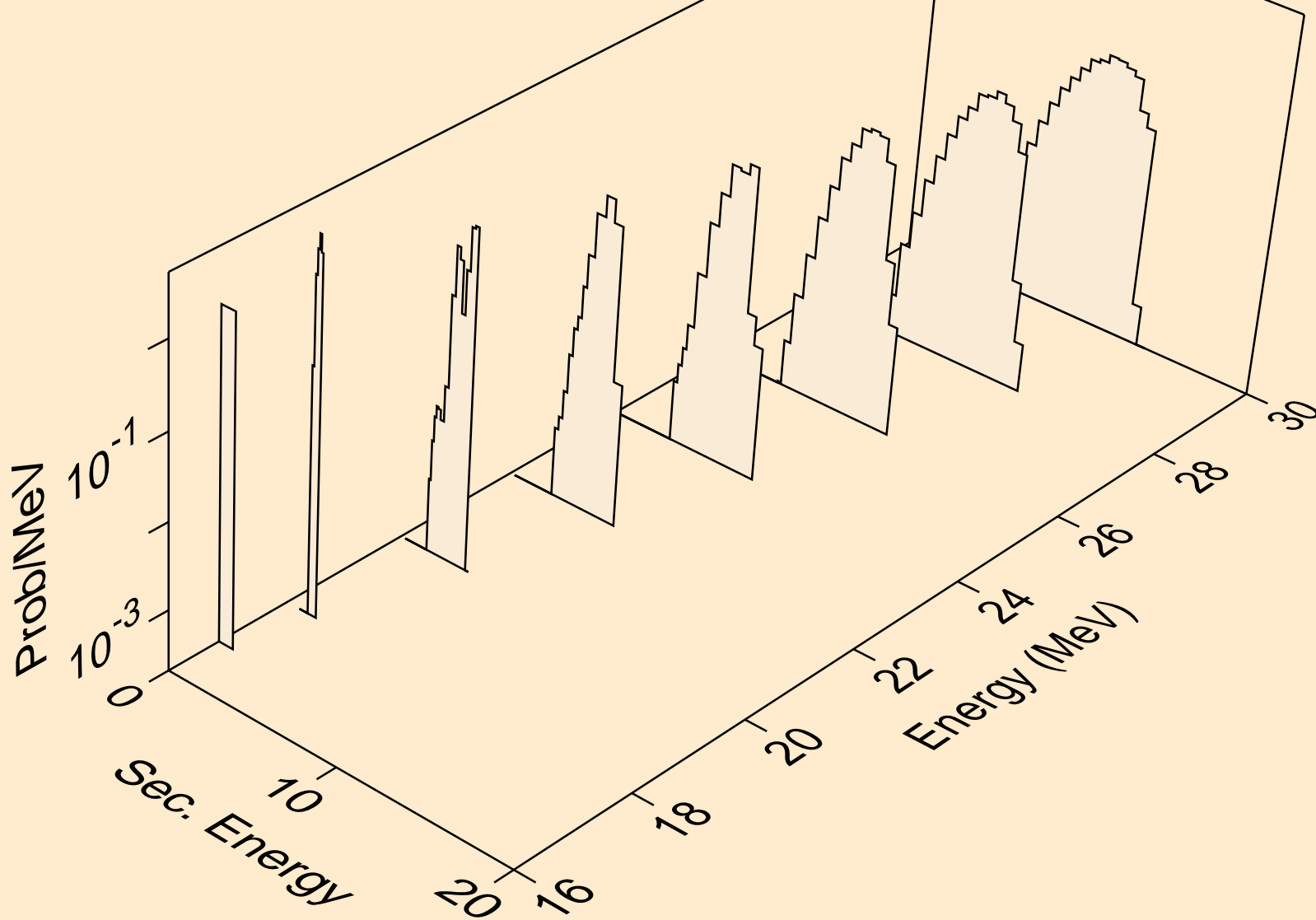
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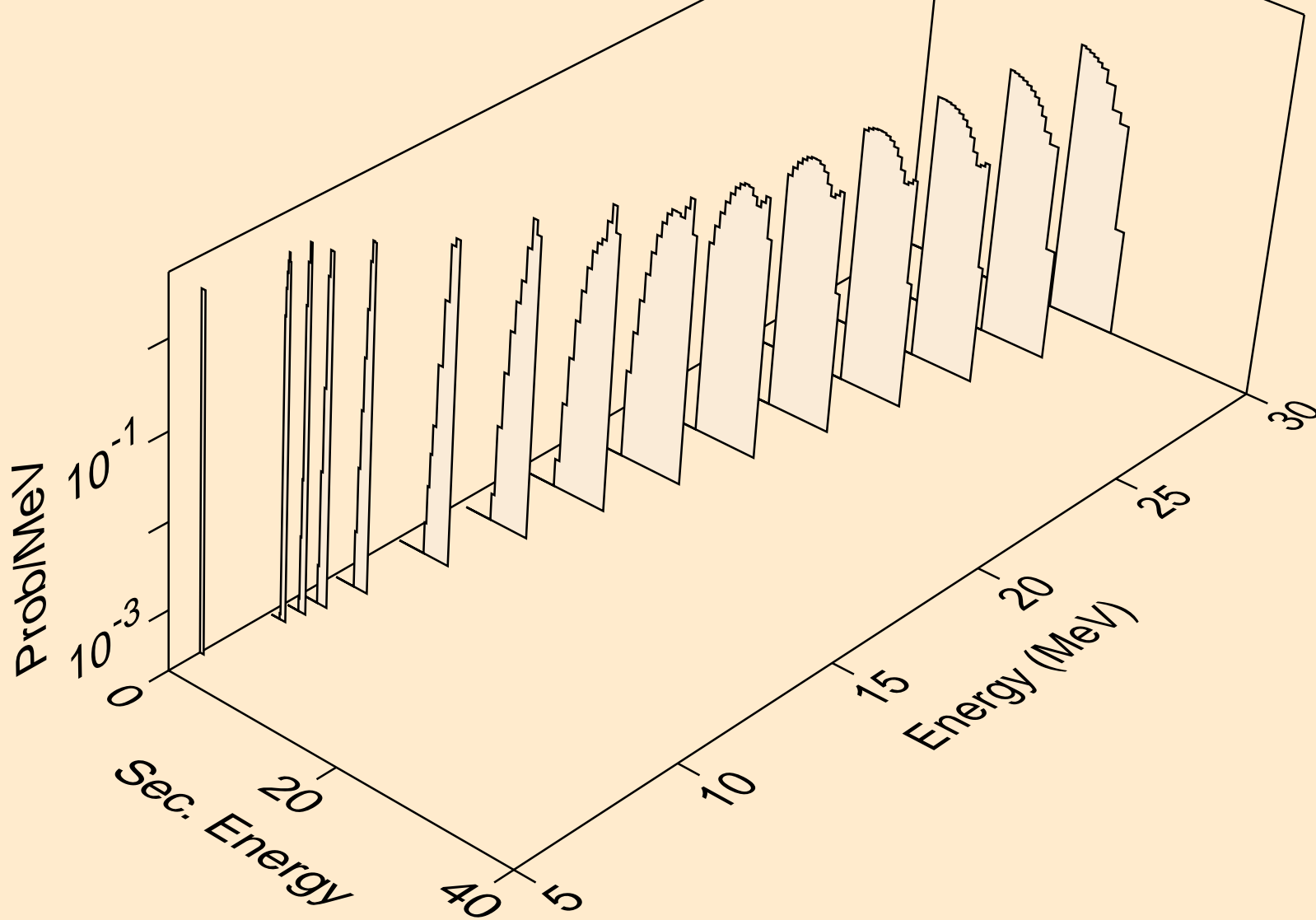
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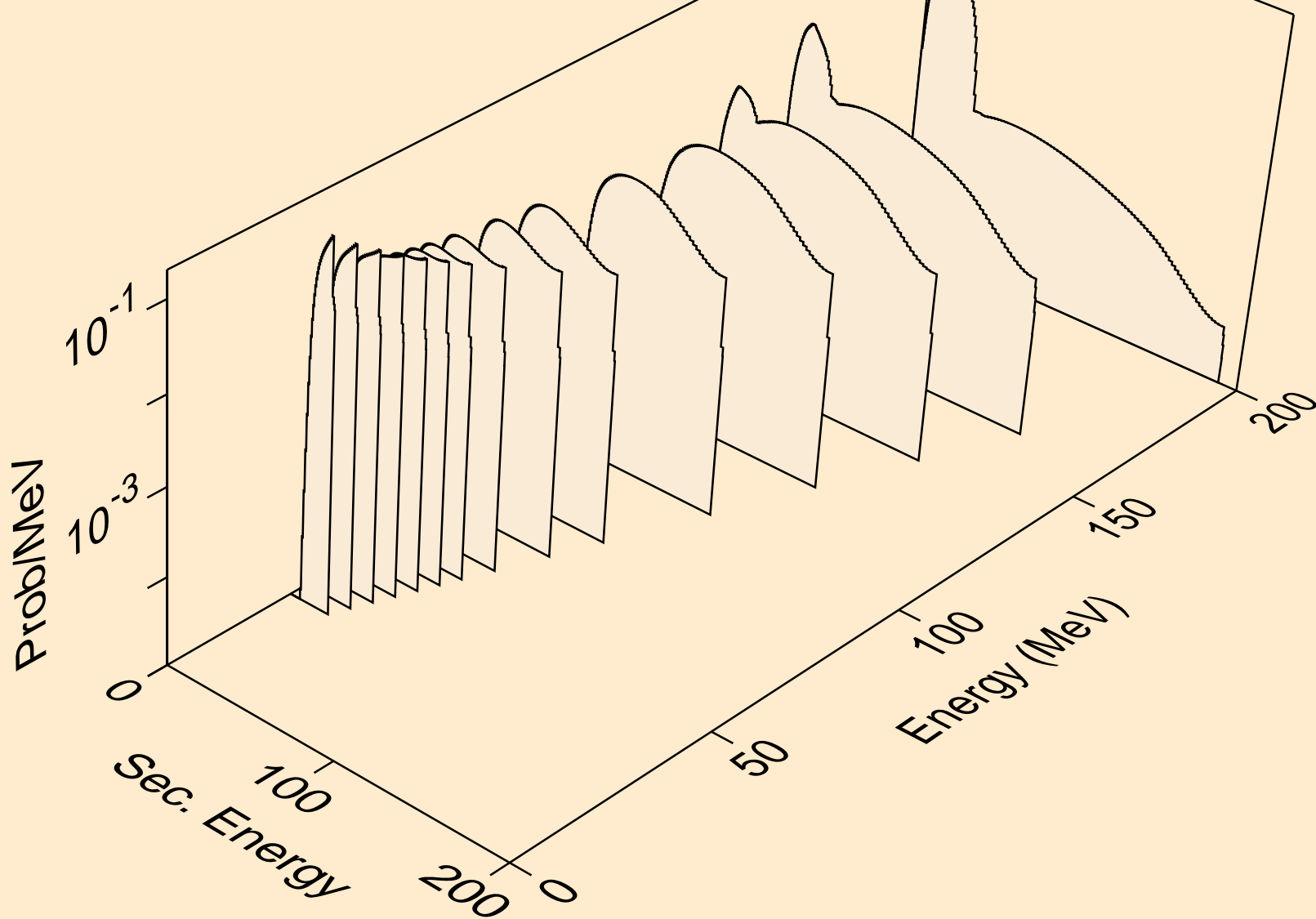
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AU209 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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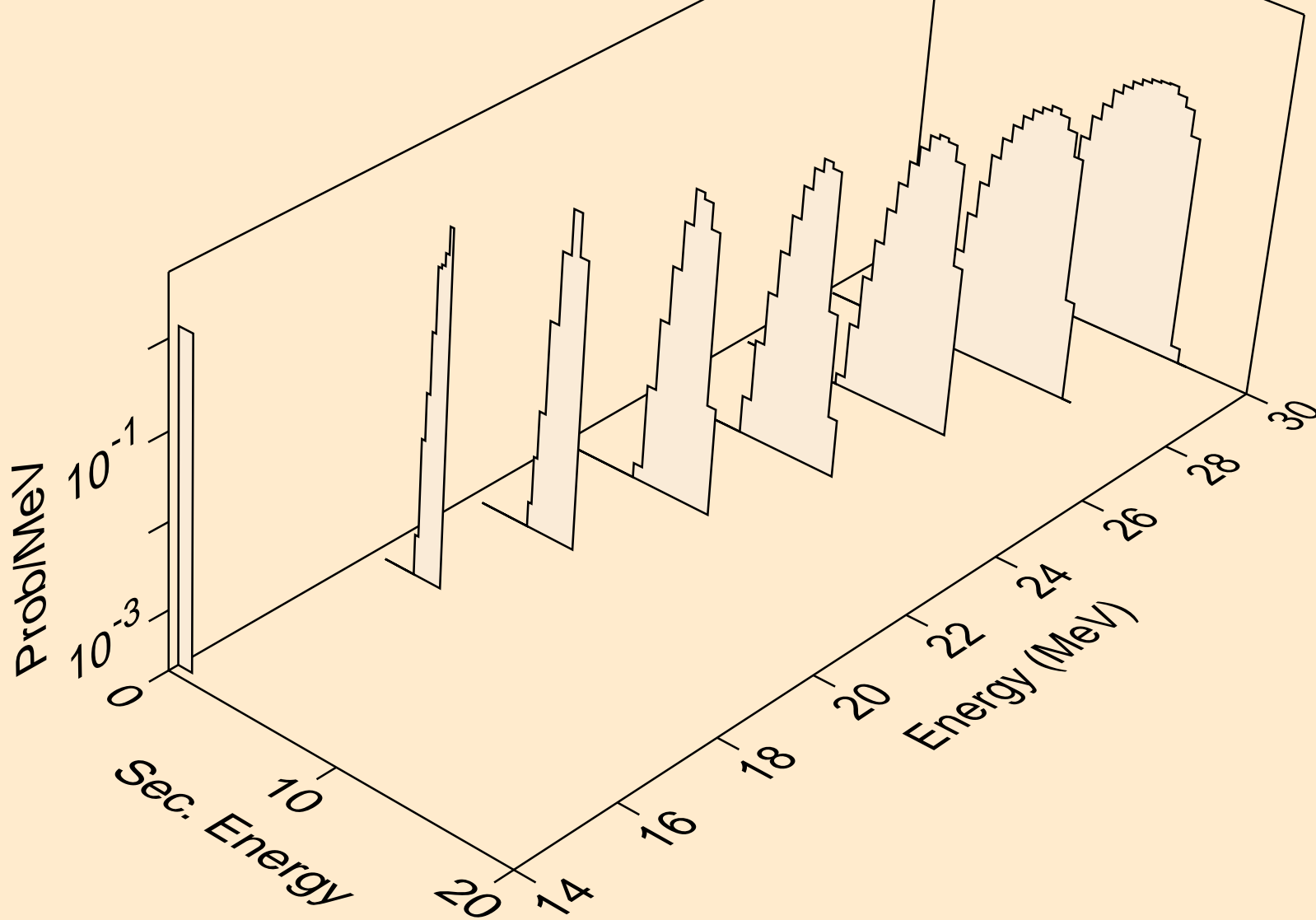


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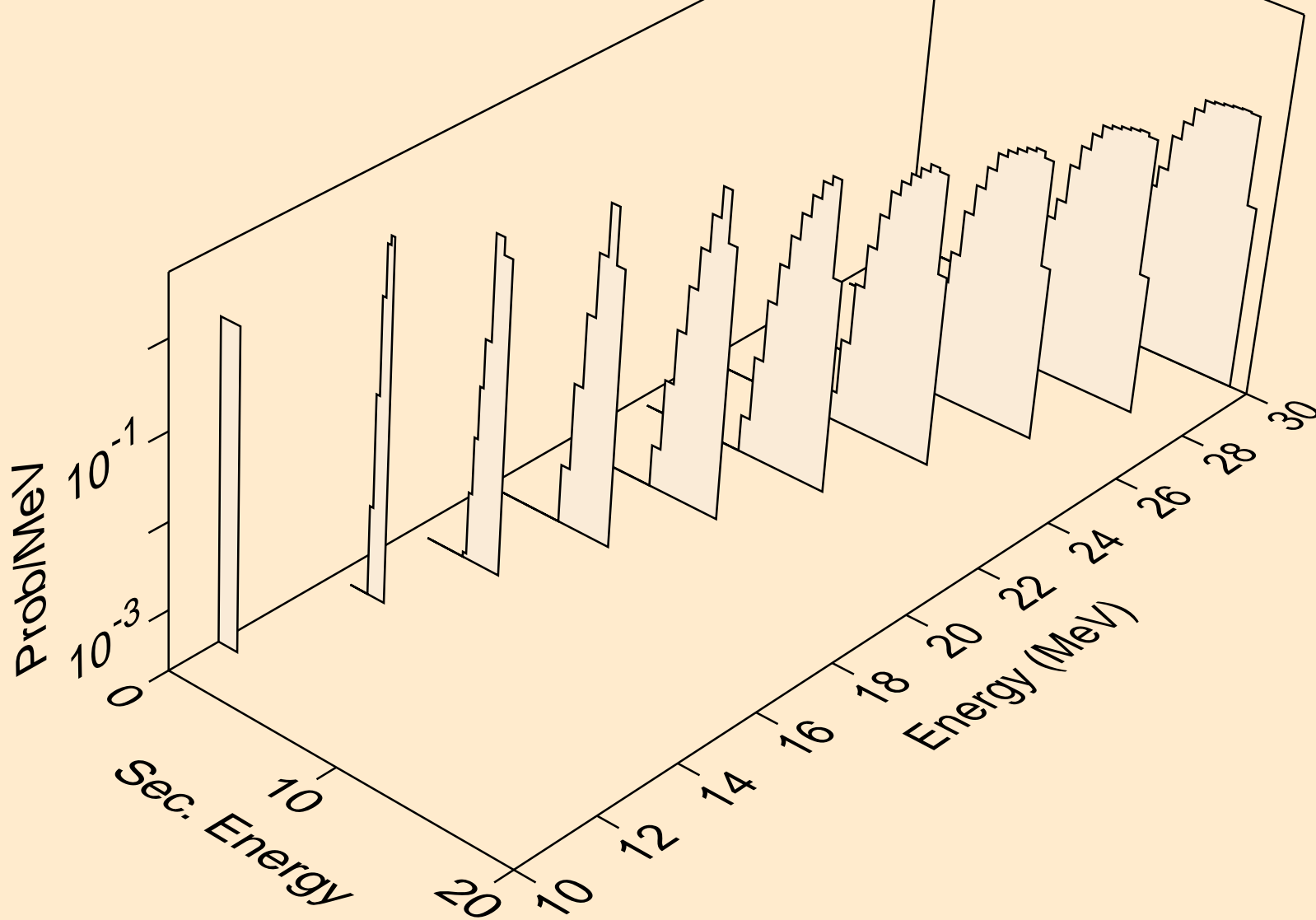




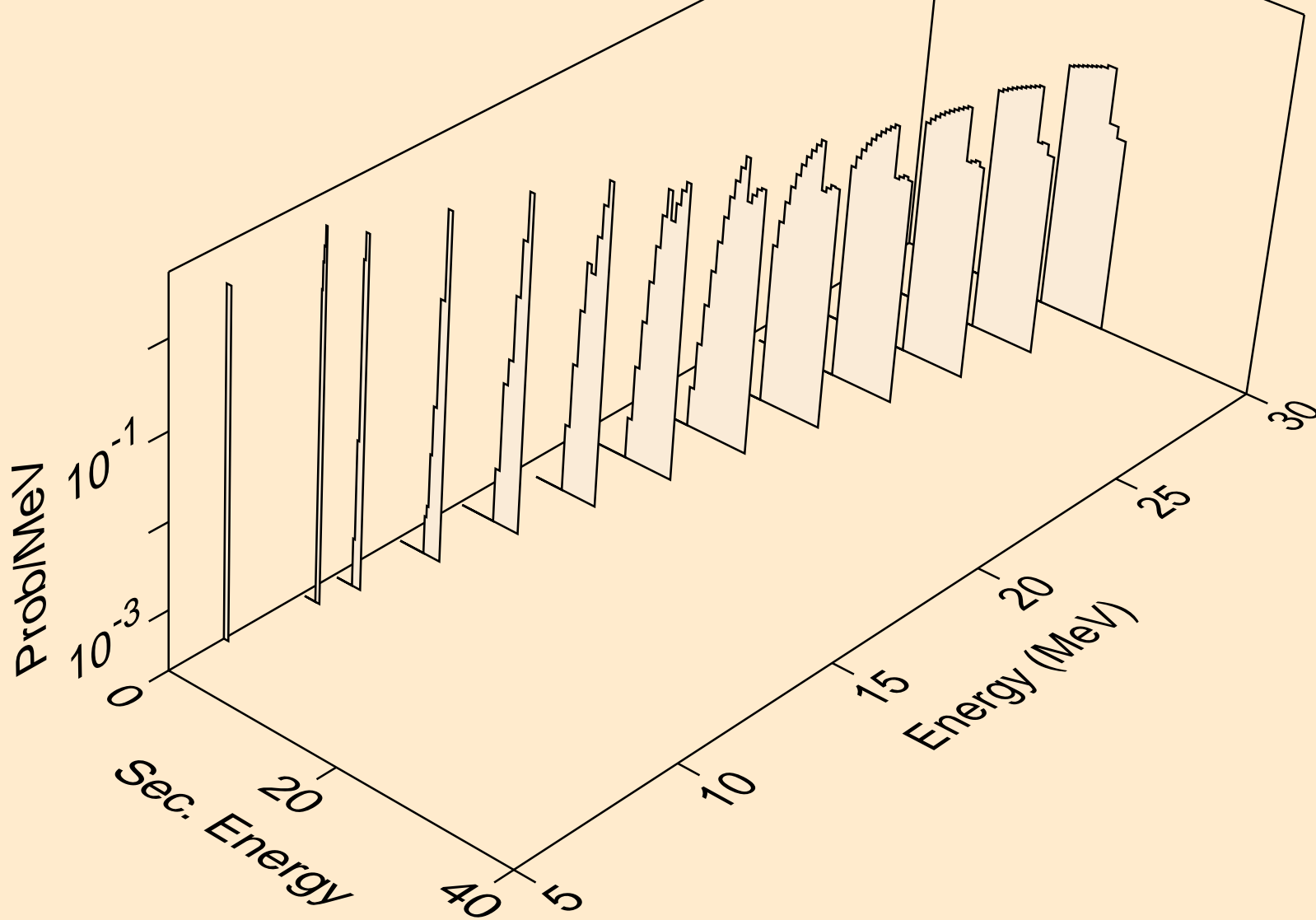
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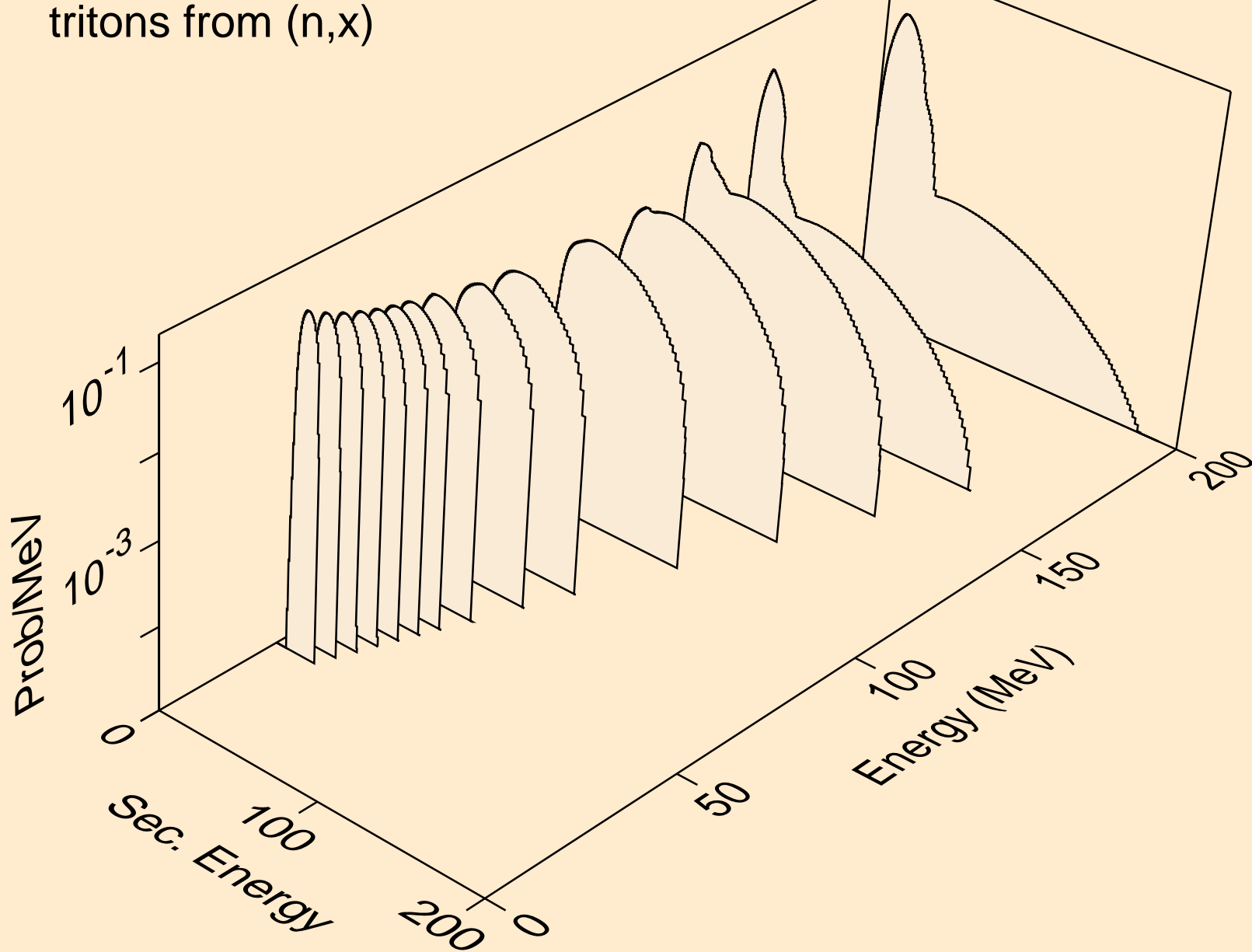
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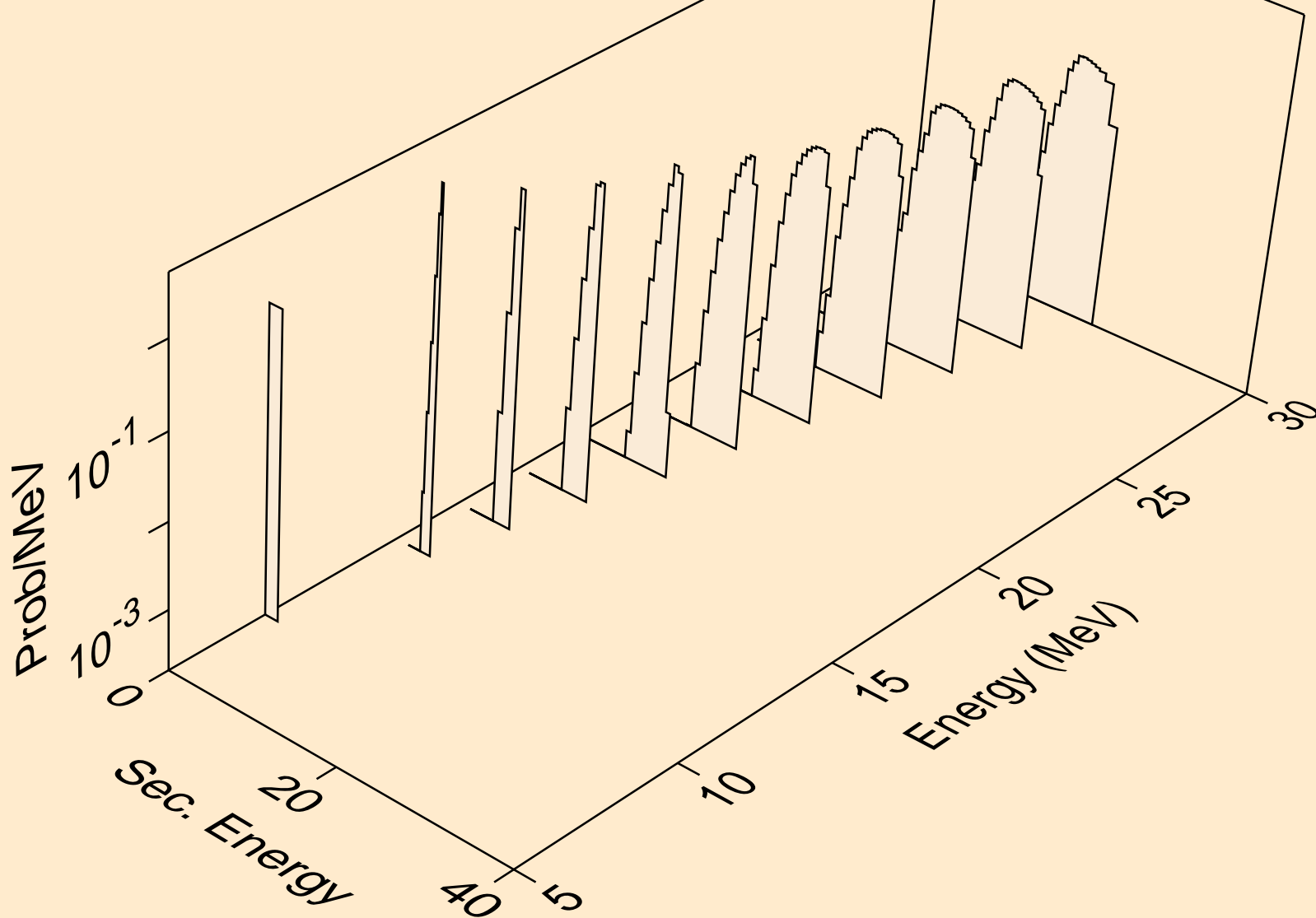
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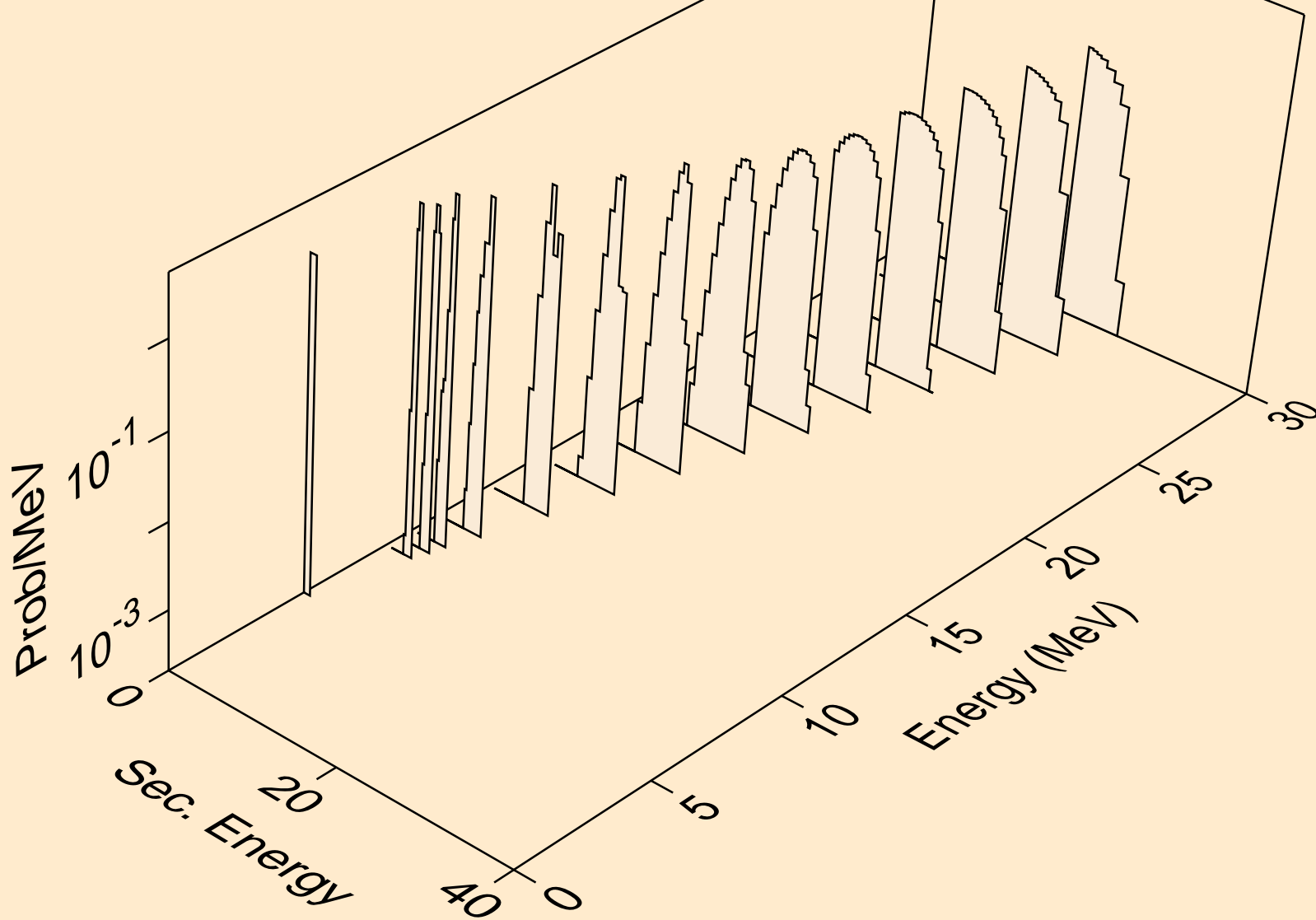
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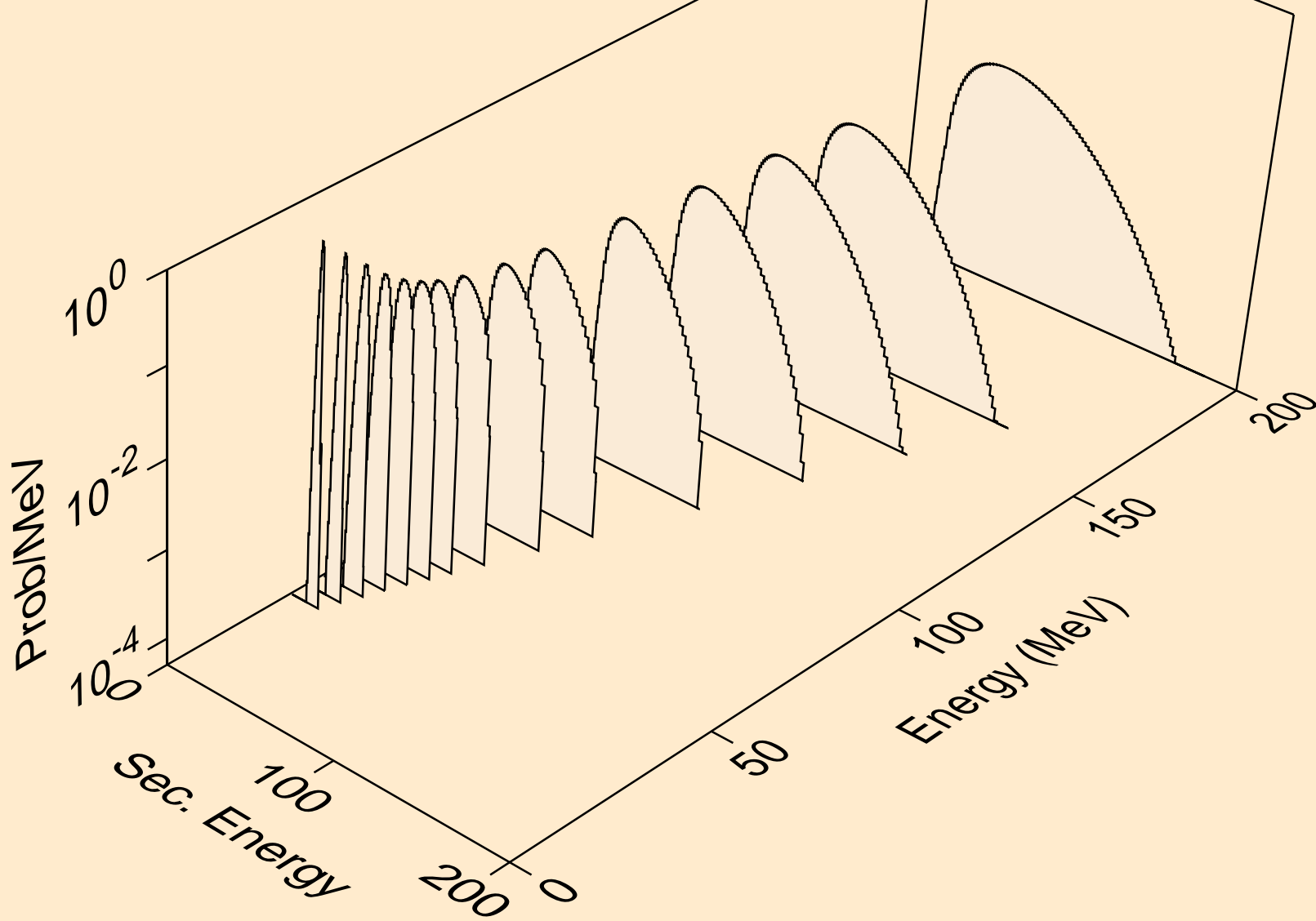
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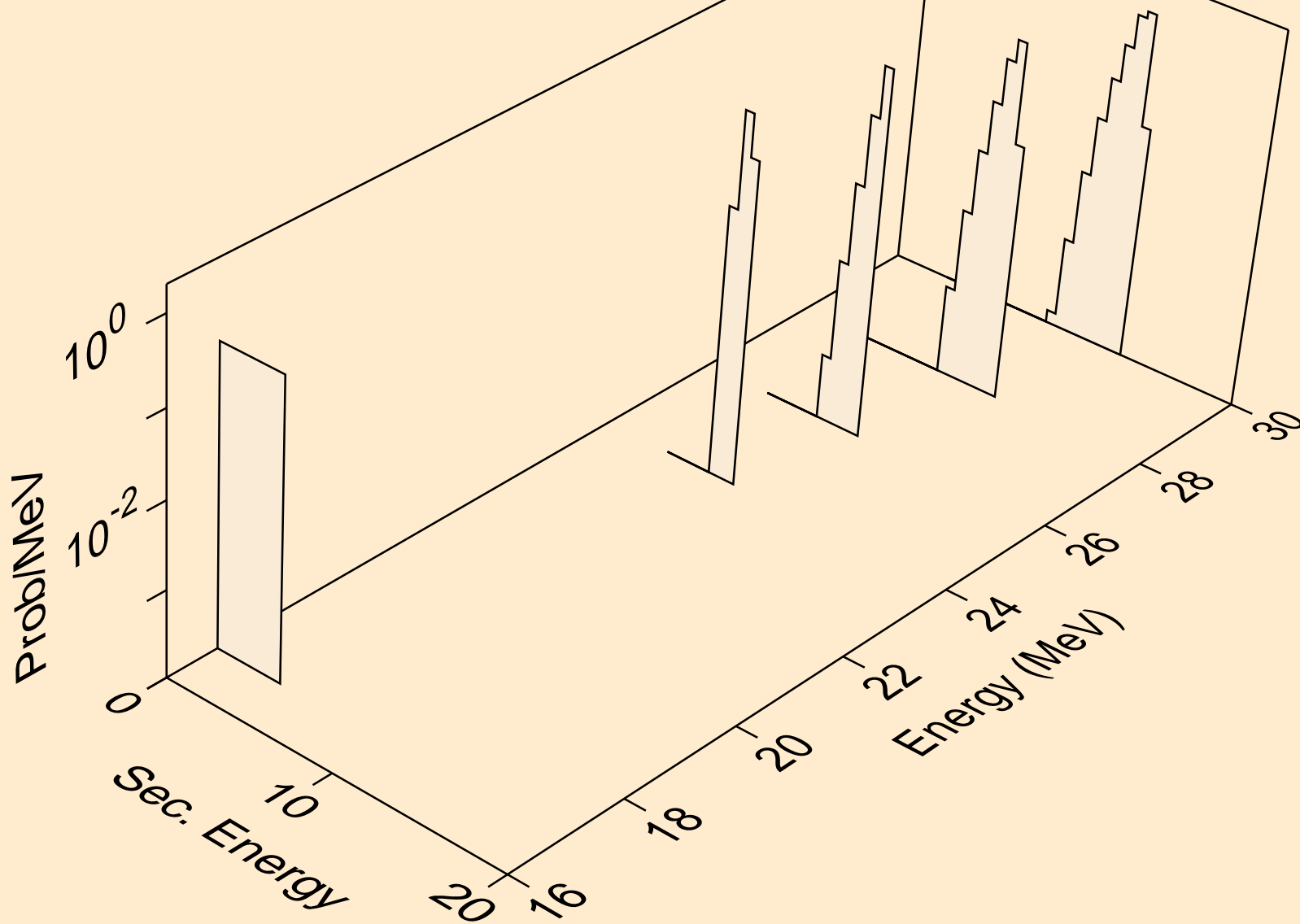
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AU209 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

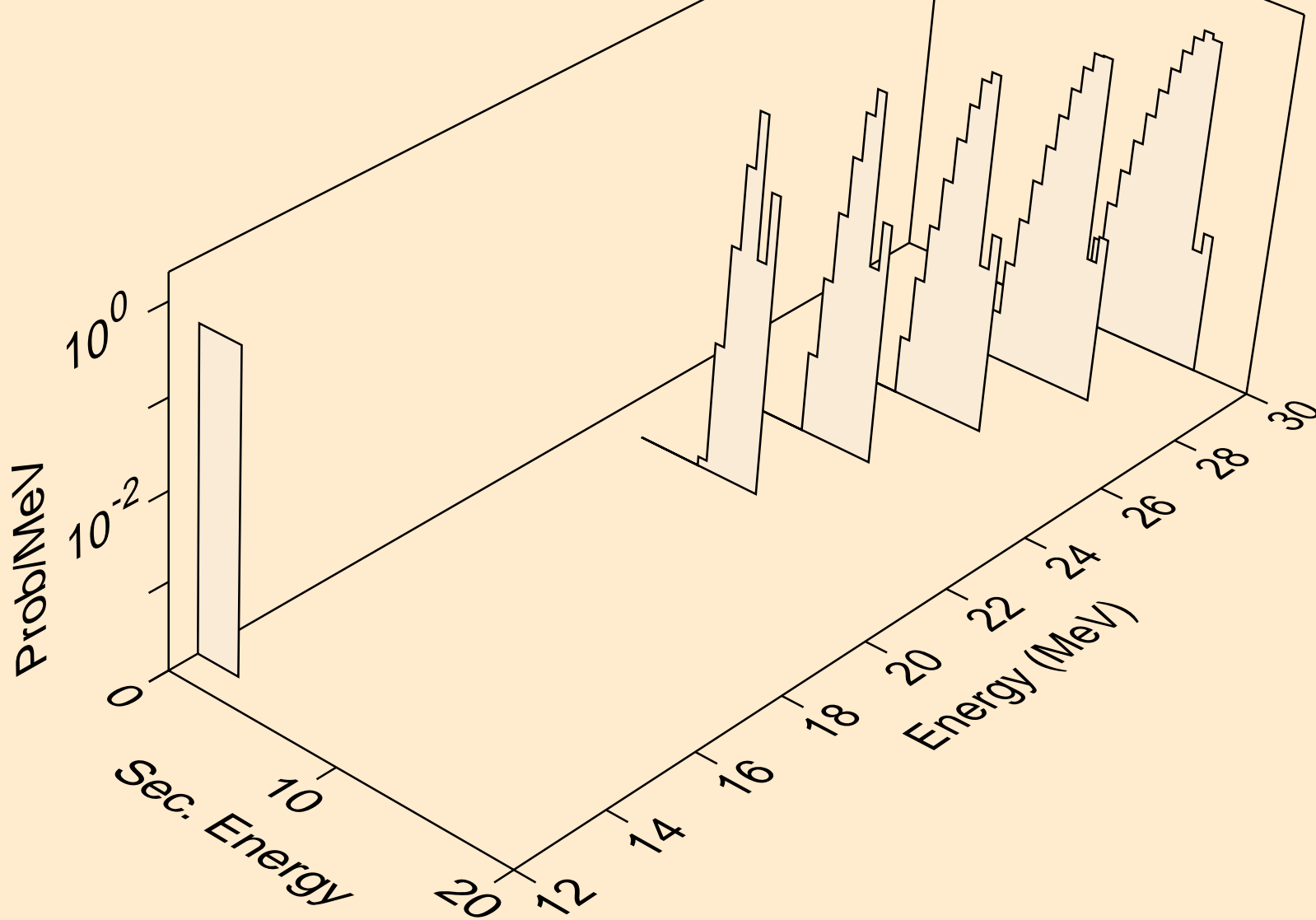


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he3s from (n,n\*)he3

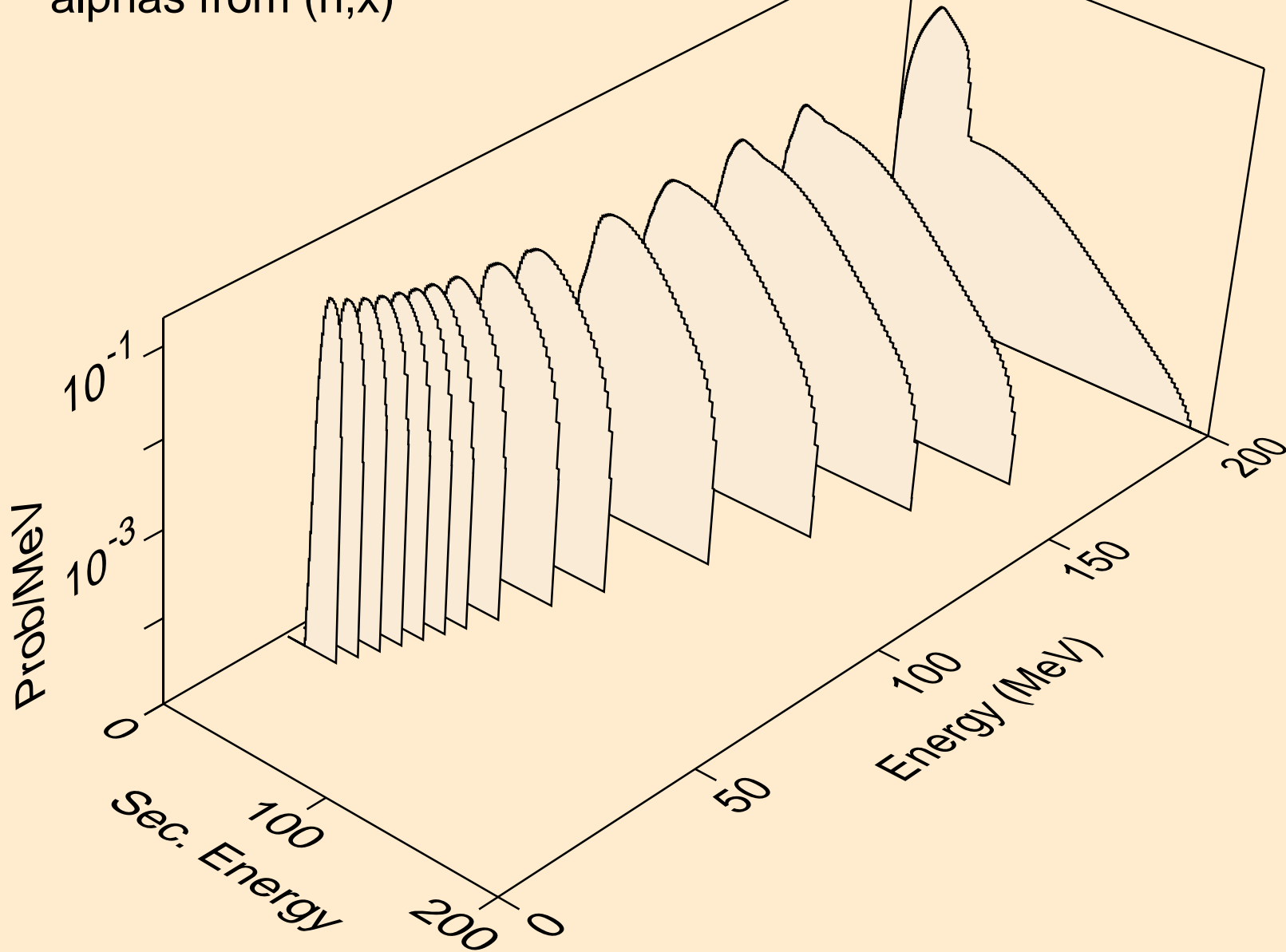




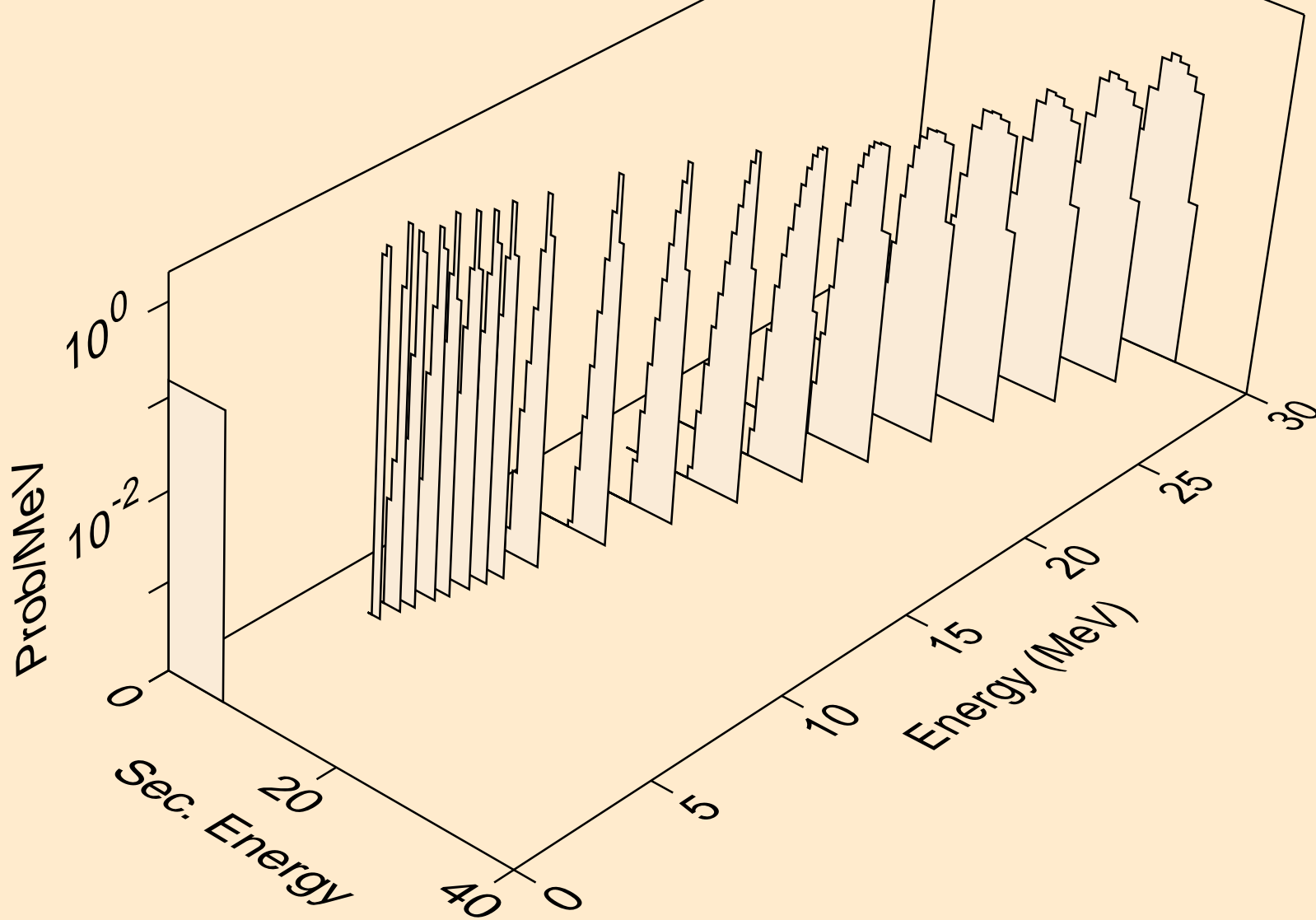
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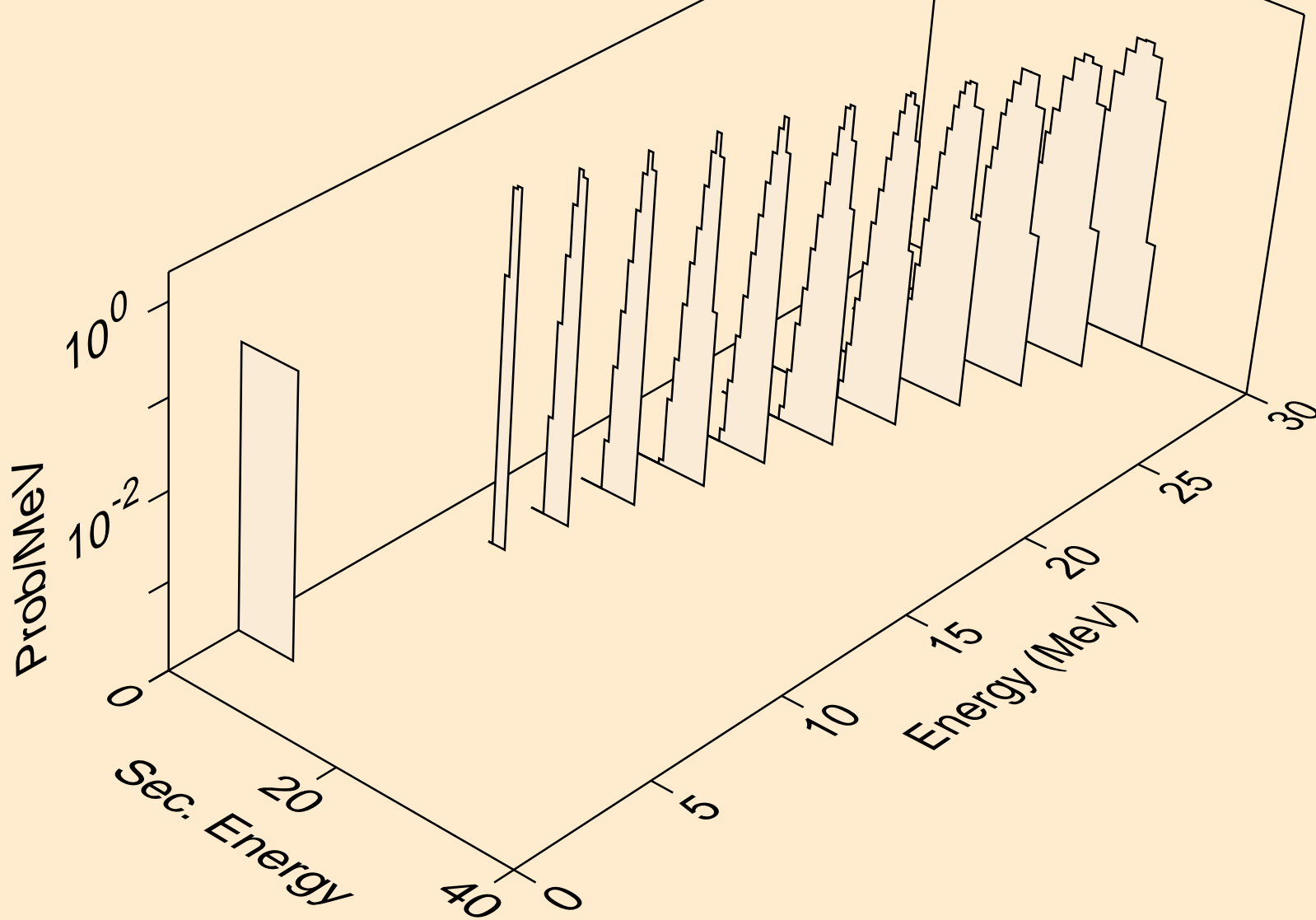
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alphas from (n,x)



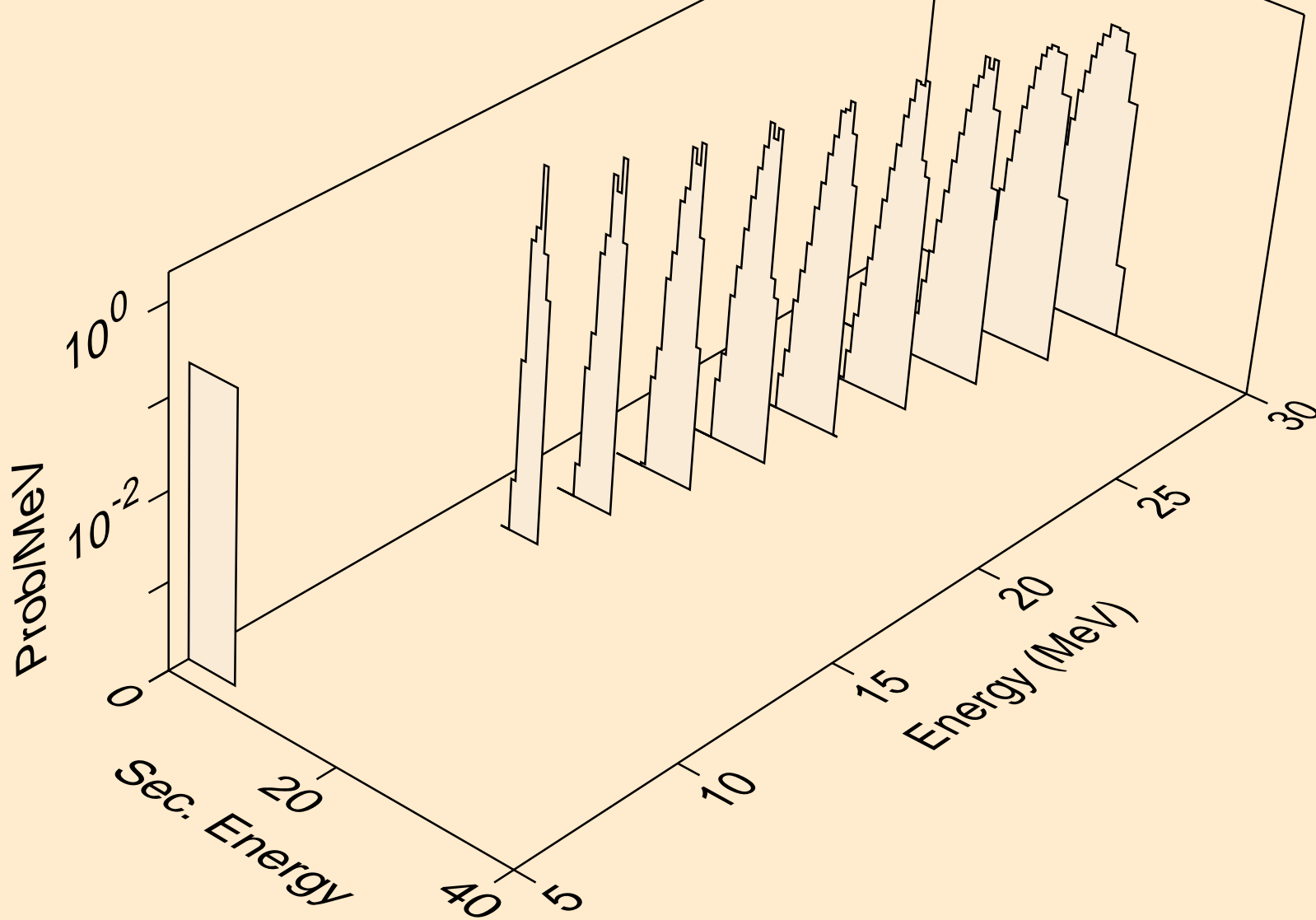
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alphas from (n,n\*)a



AU209 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



AU209 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



AU209 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

