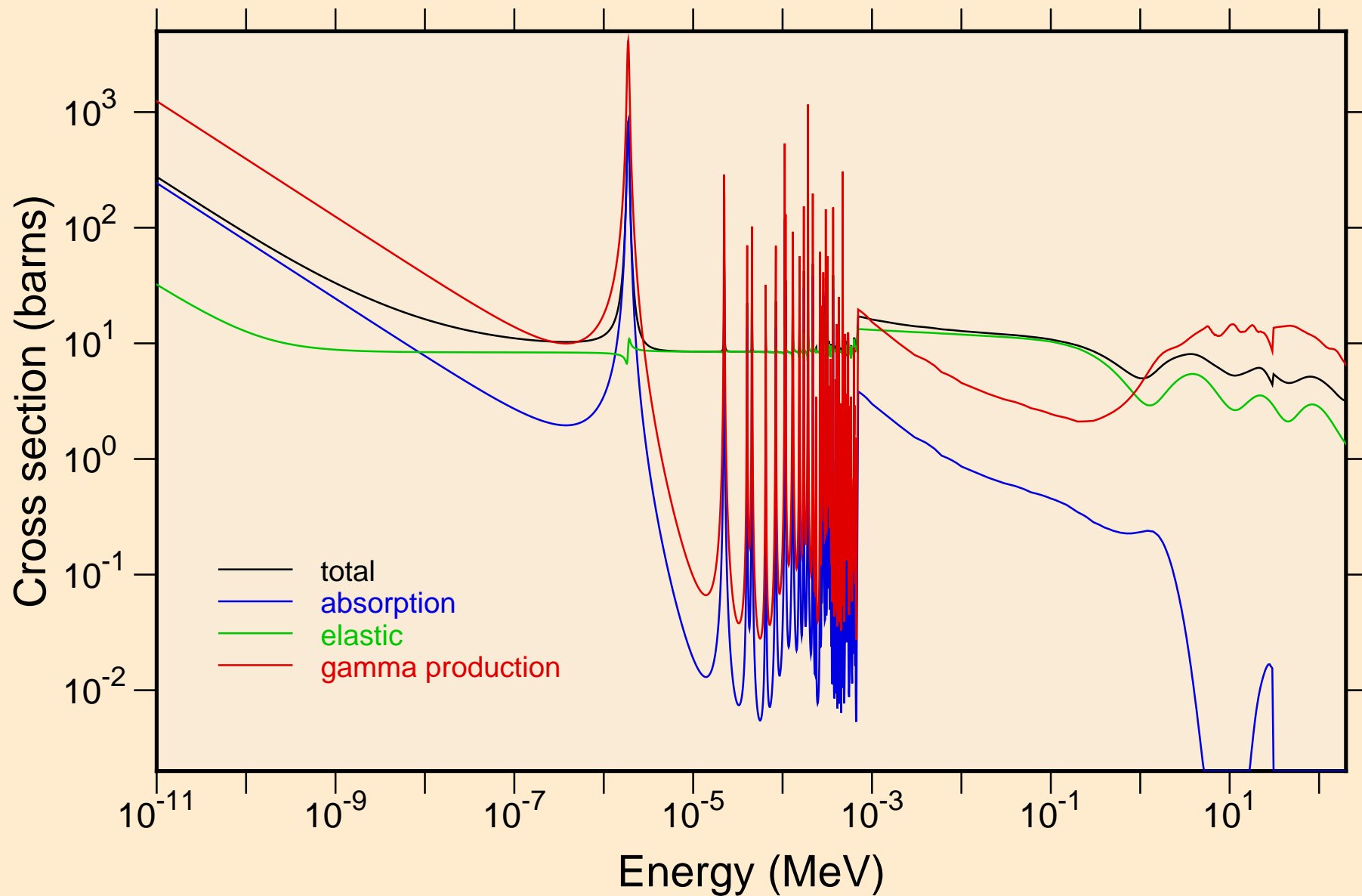
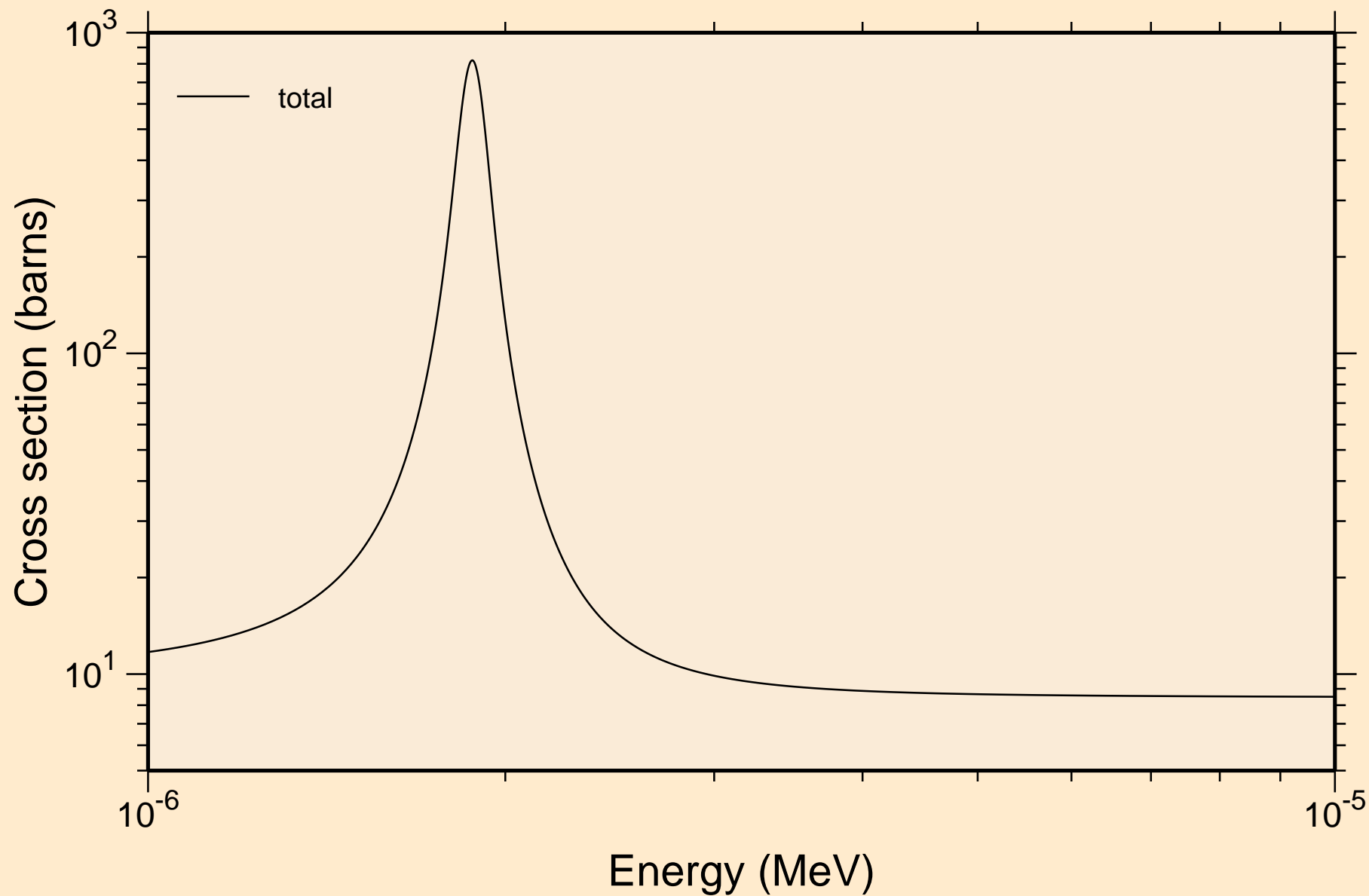


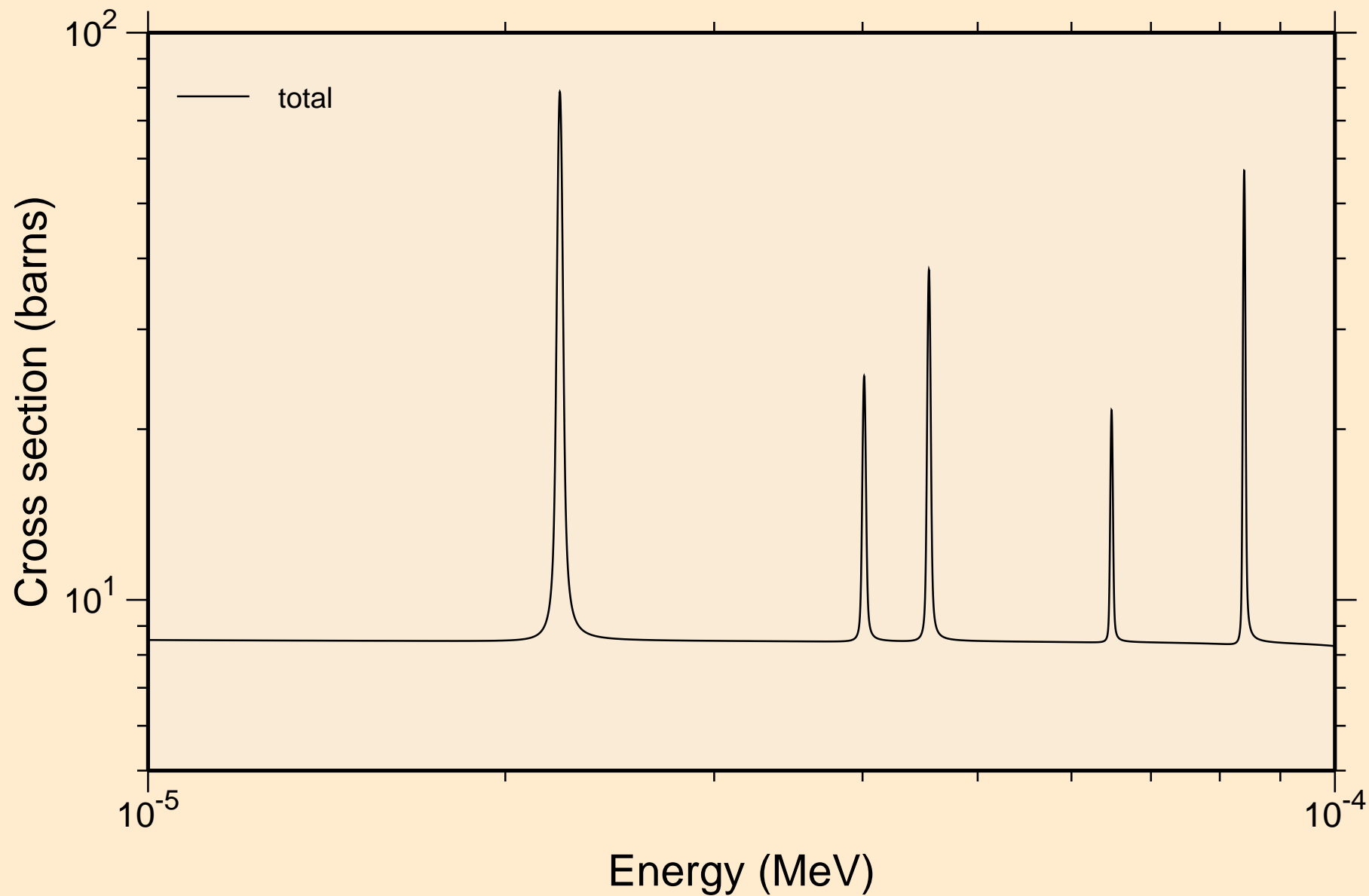
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



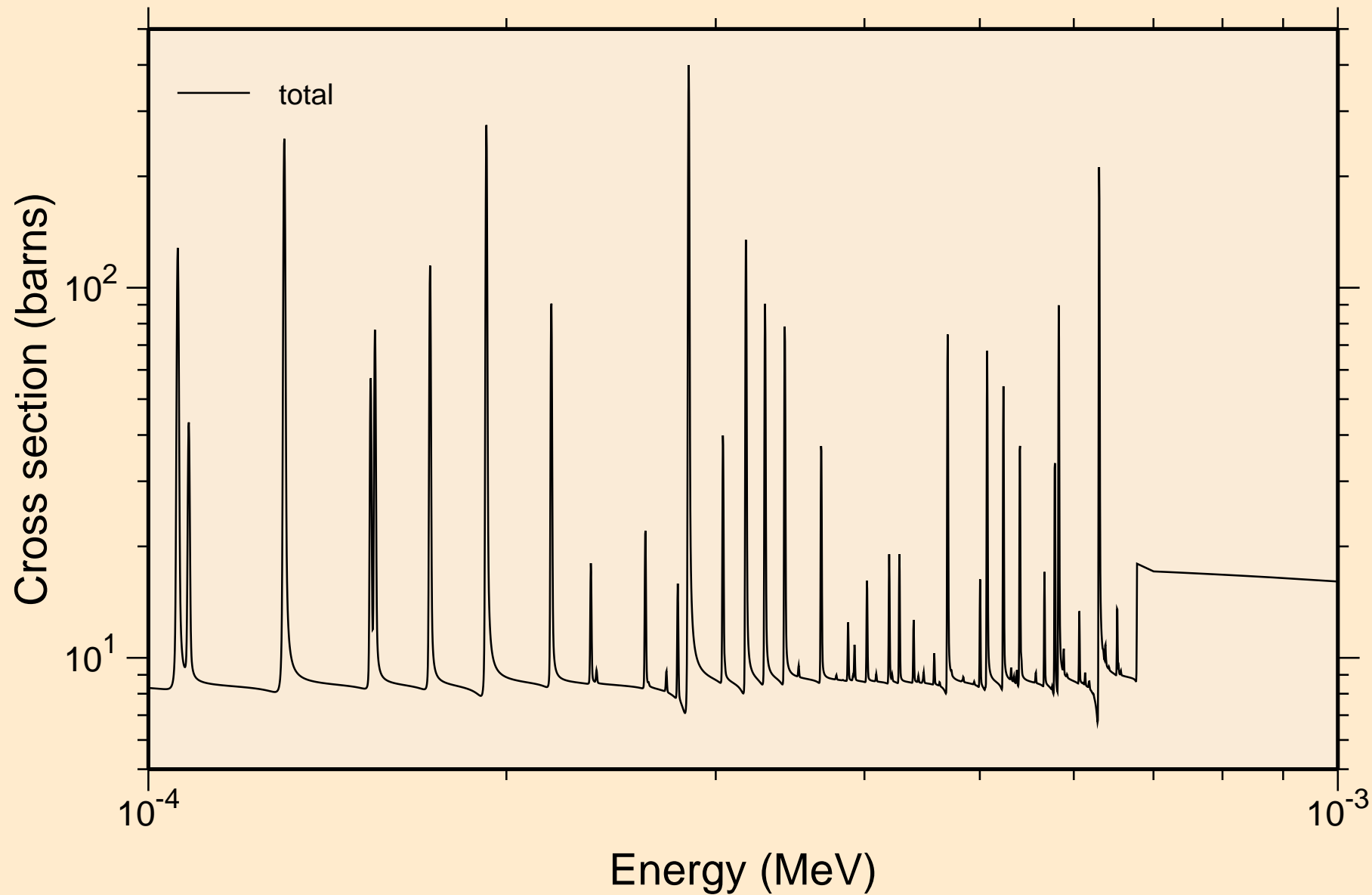
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resonance total cross section



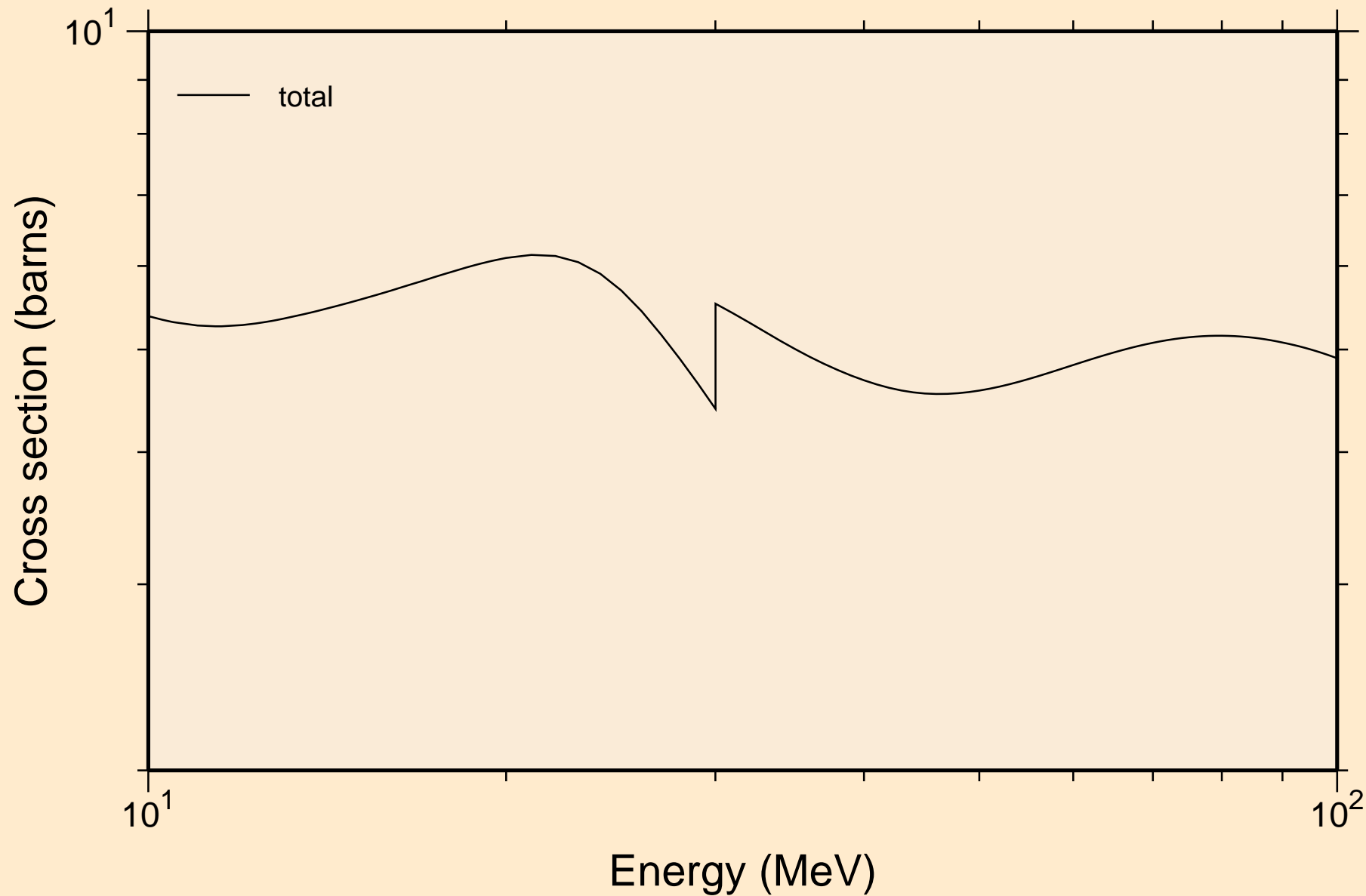
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resonance total cross section



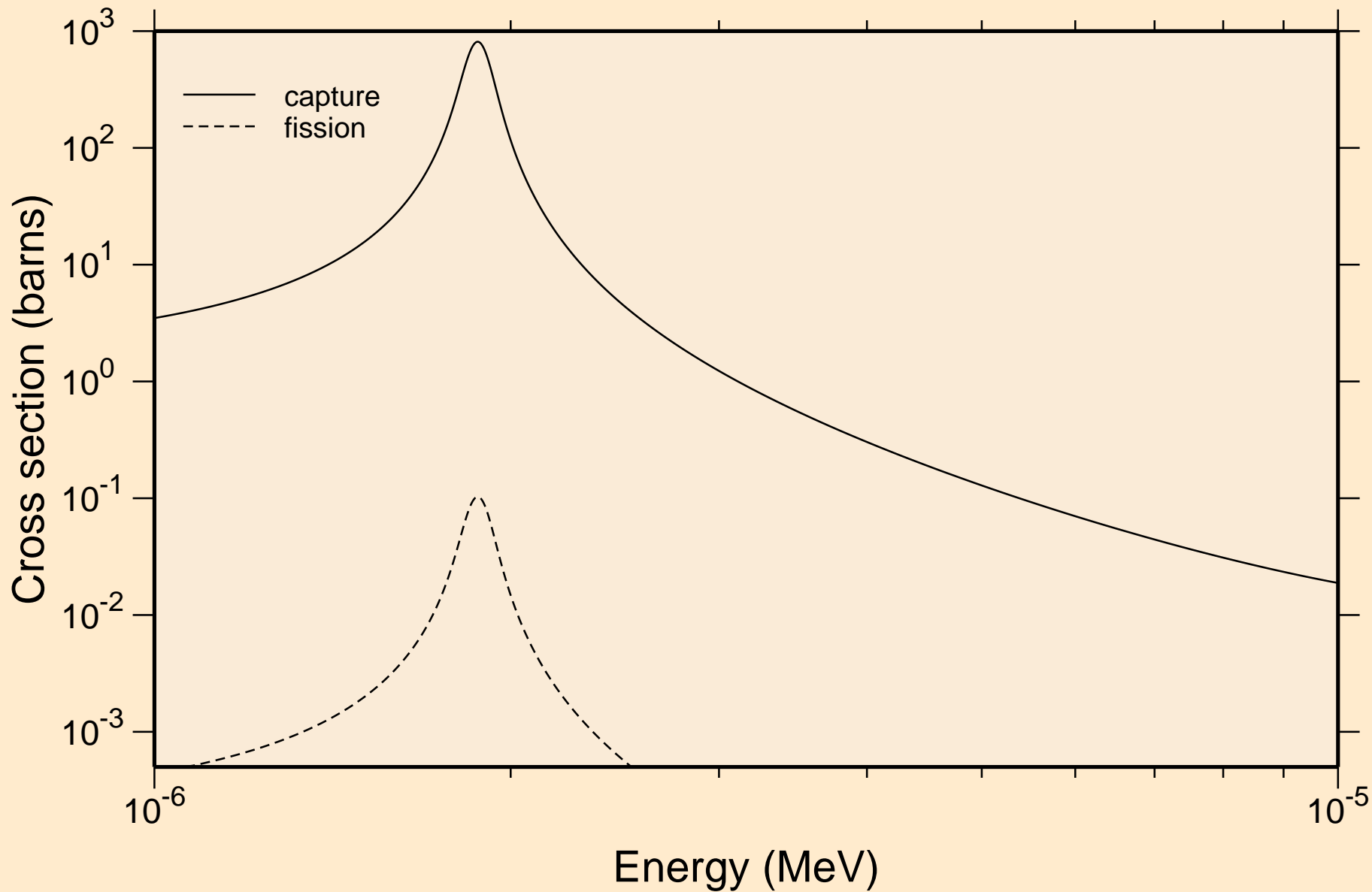
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resonance total cross section



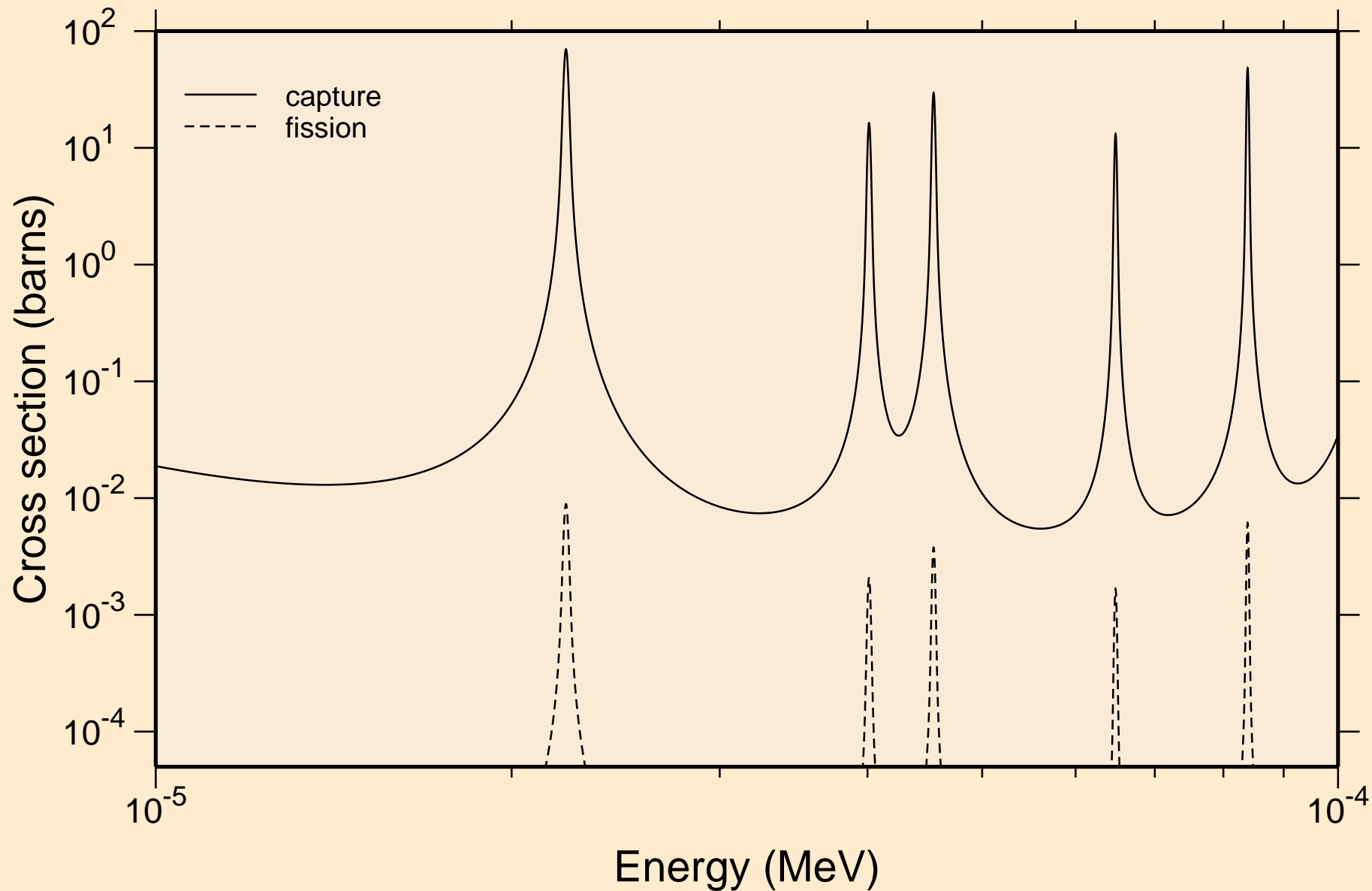
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resonance total cross section



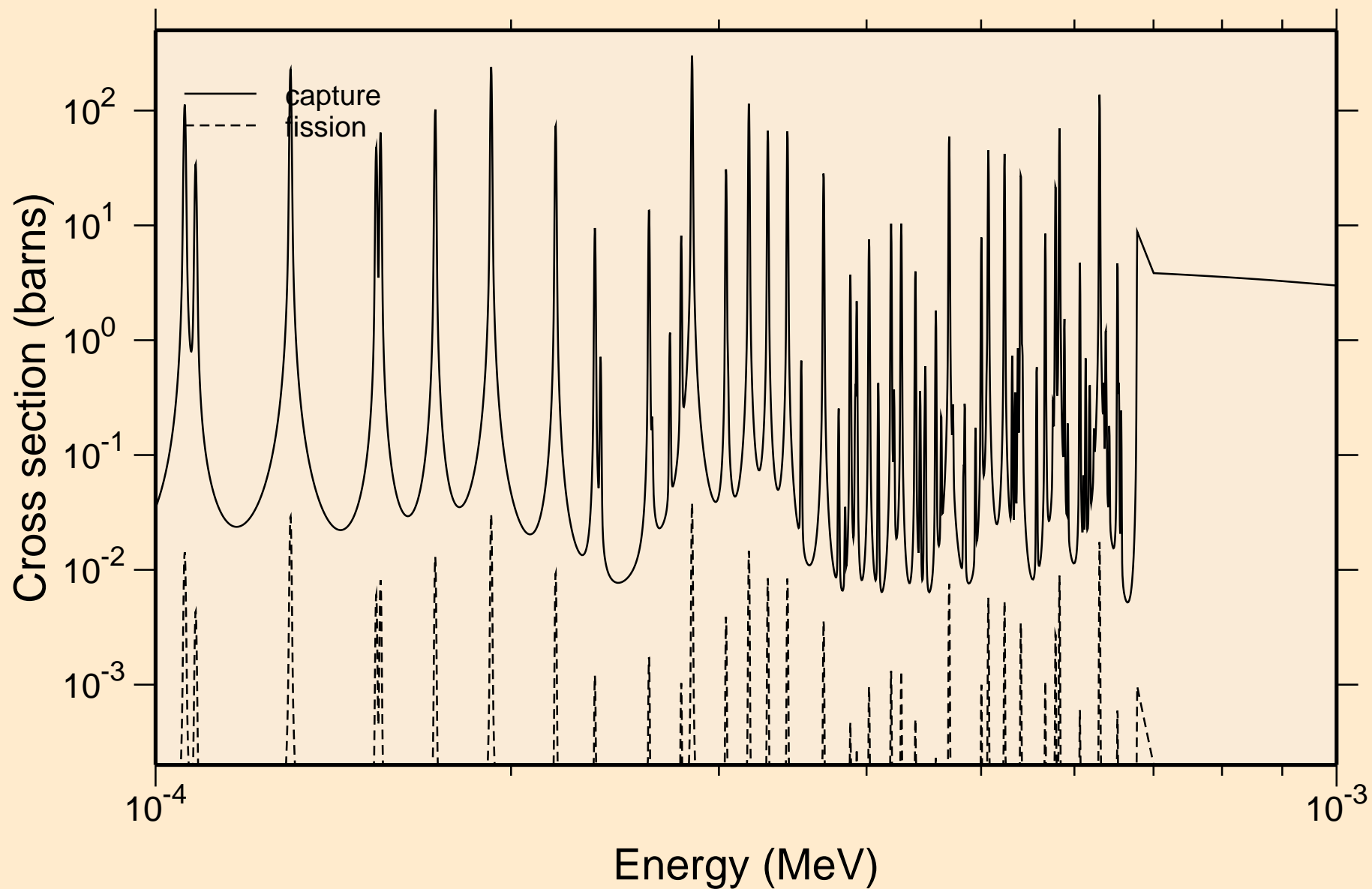
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resonance absorption cross sections



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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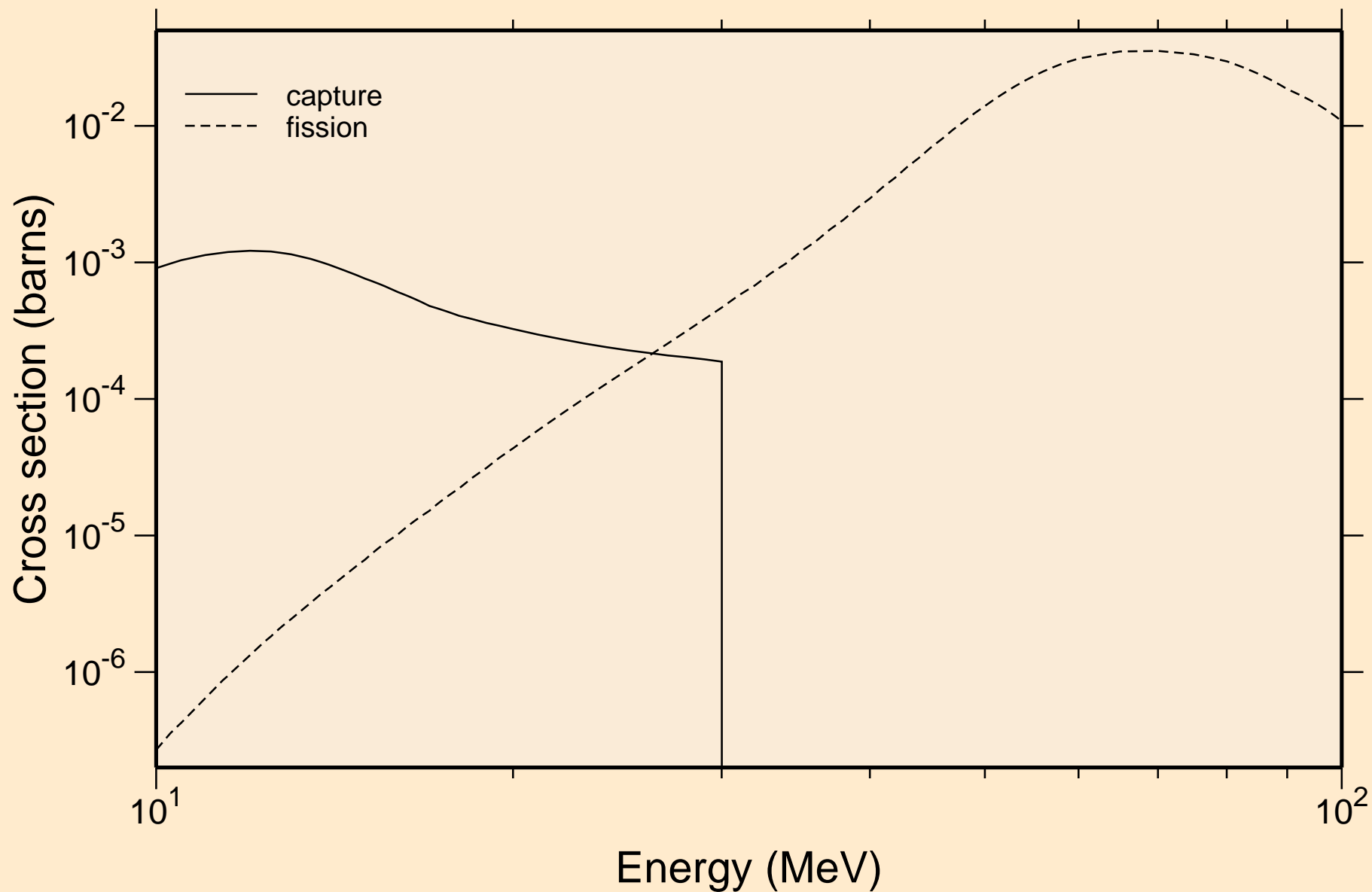


FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

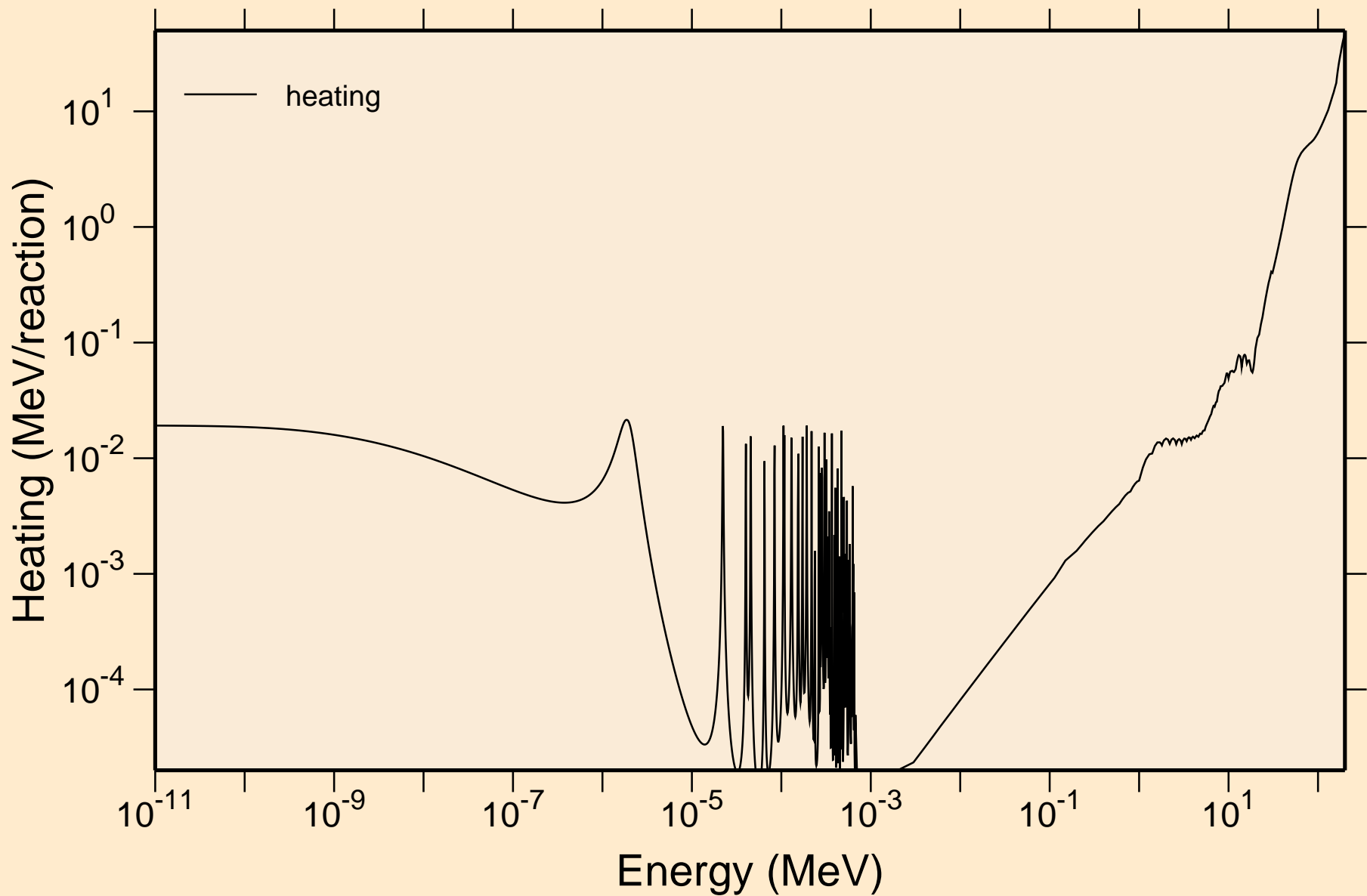




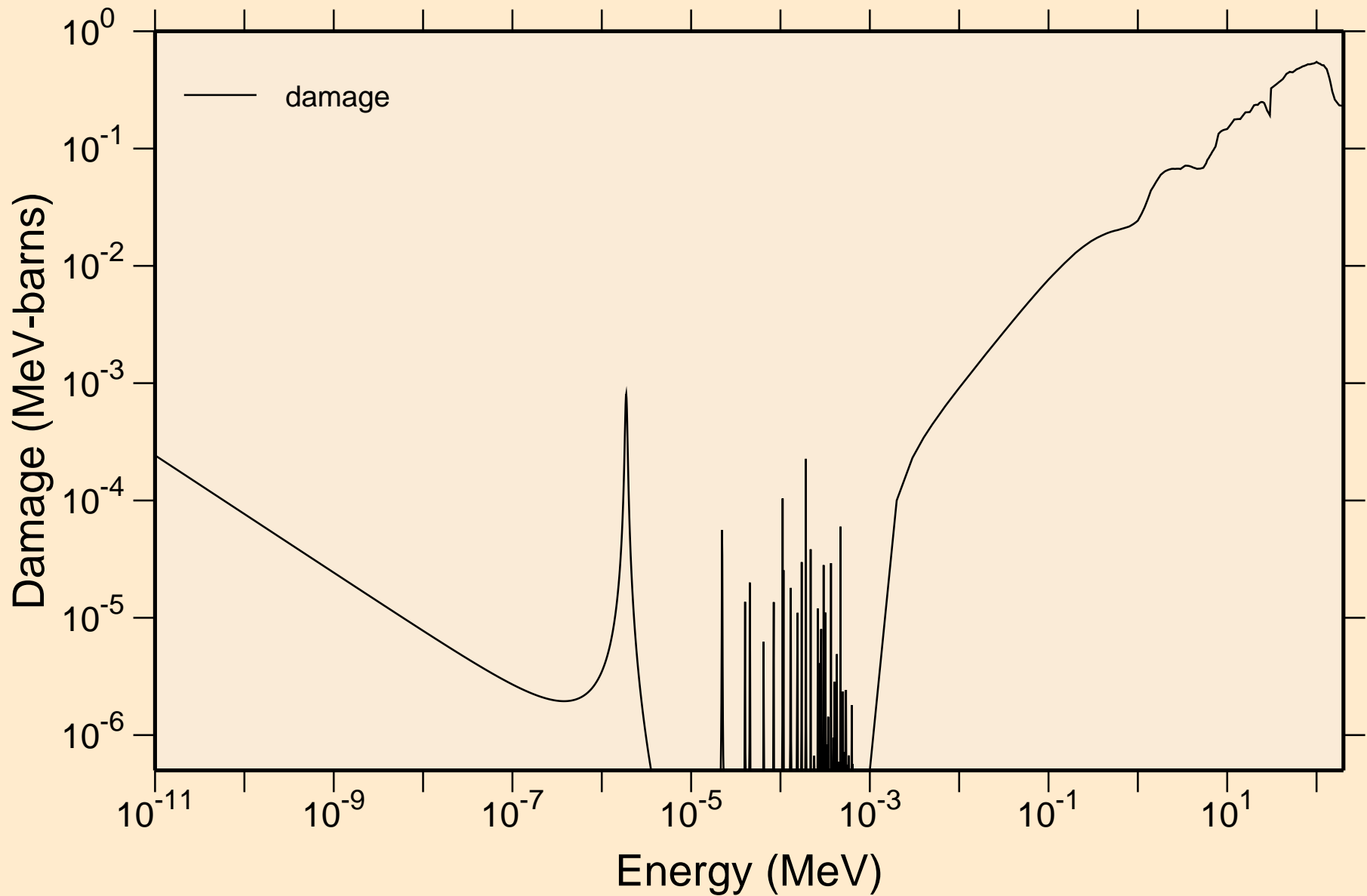
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resonance absorption cross sections



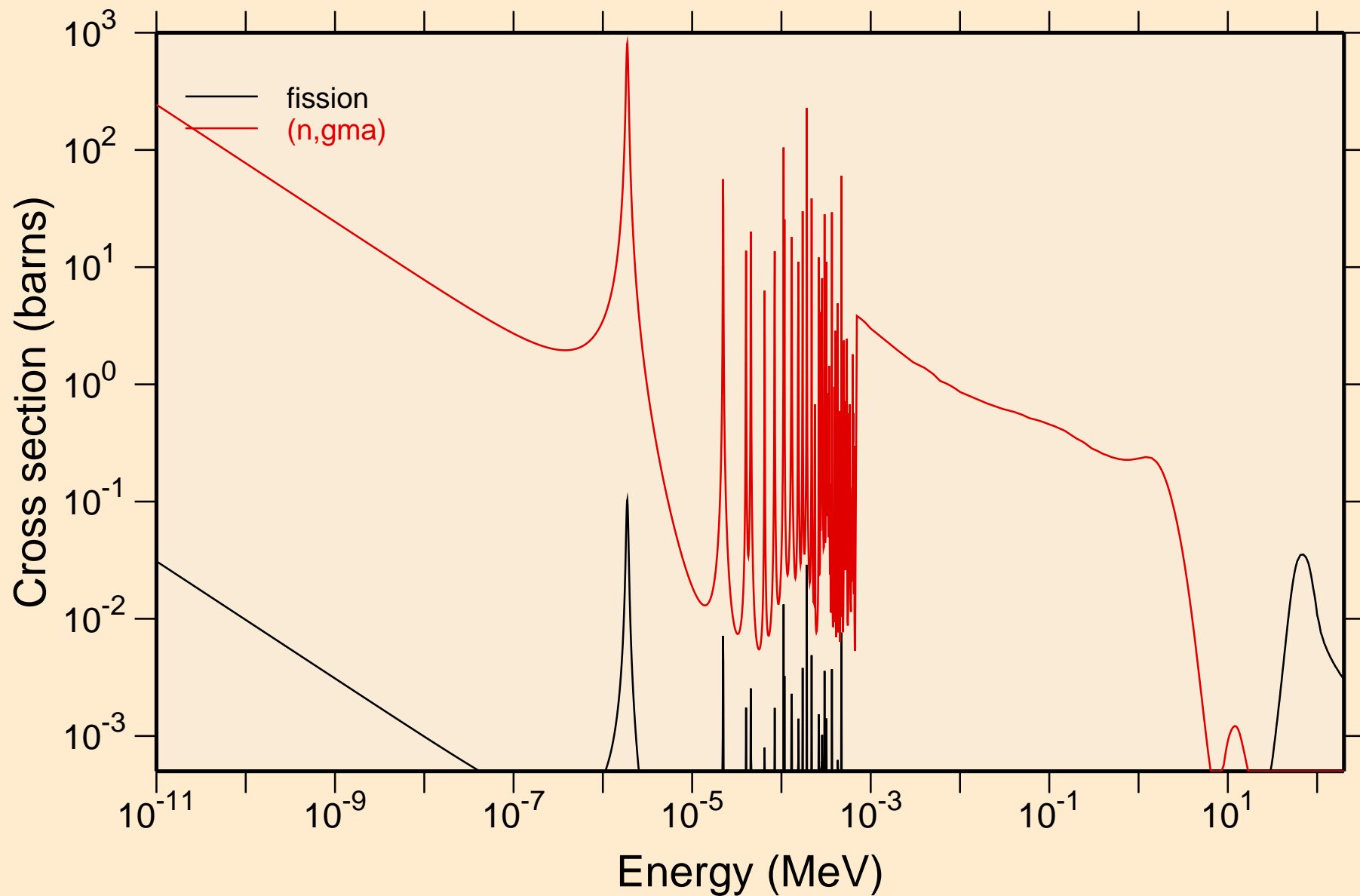
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Heating



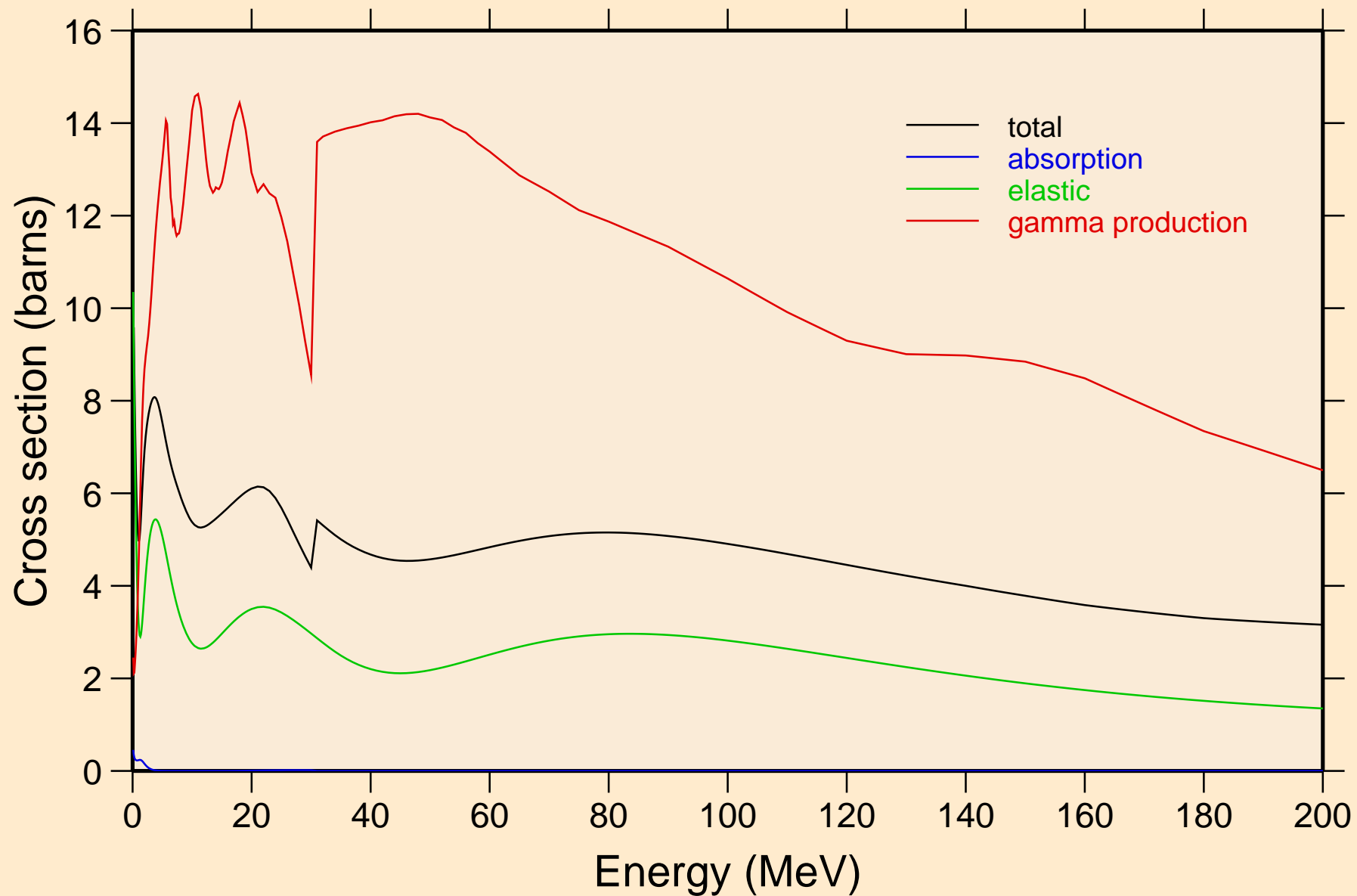
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Damage



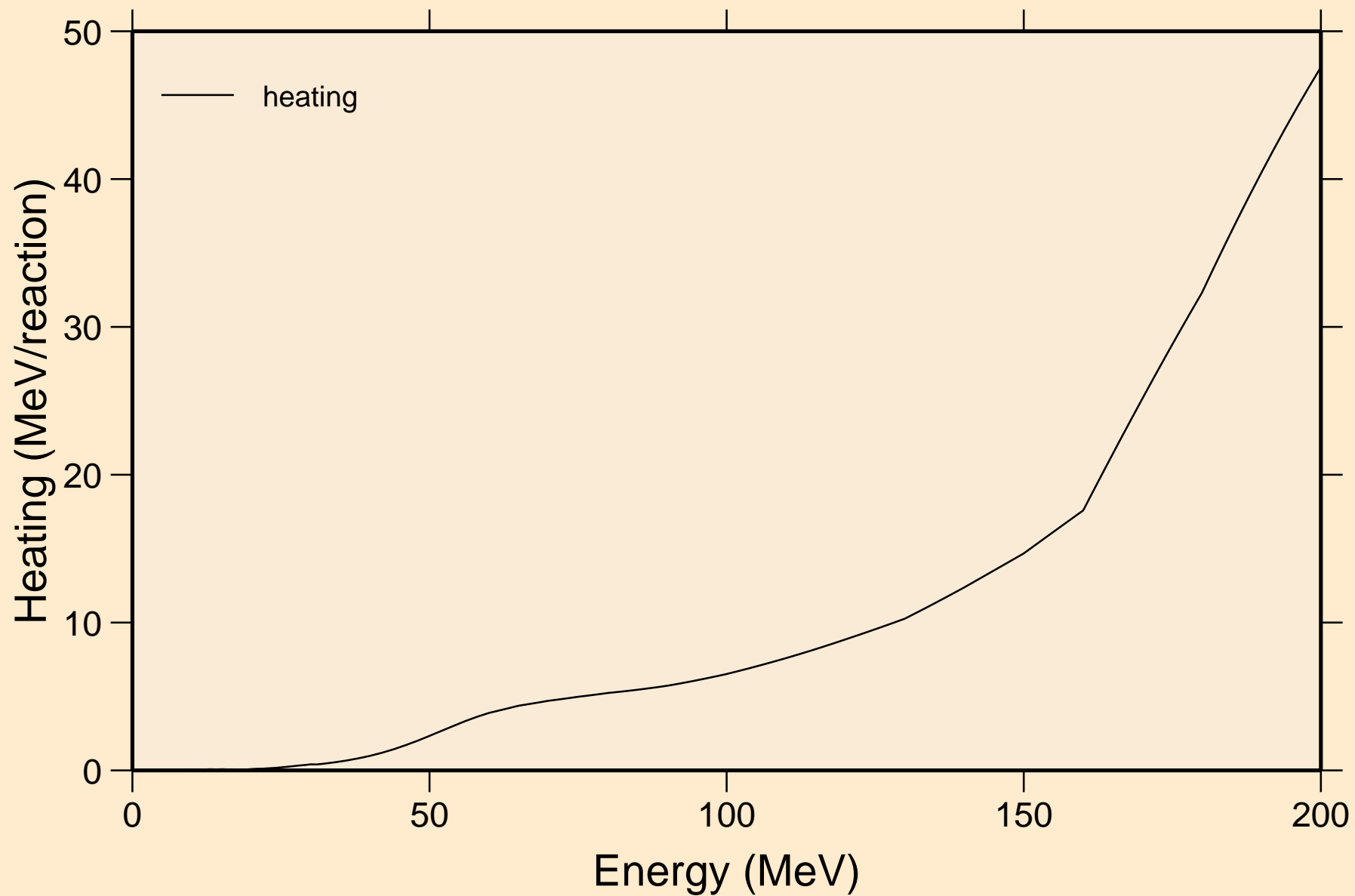
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Non-threshold reactions



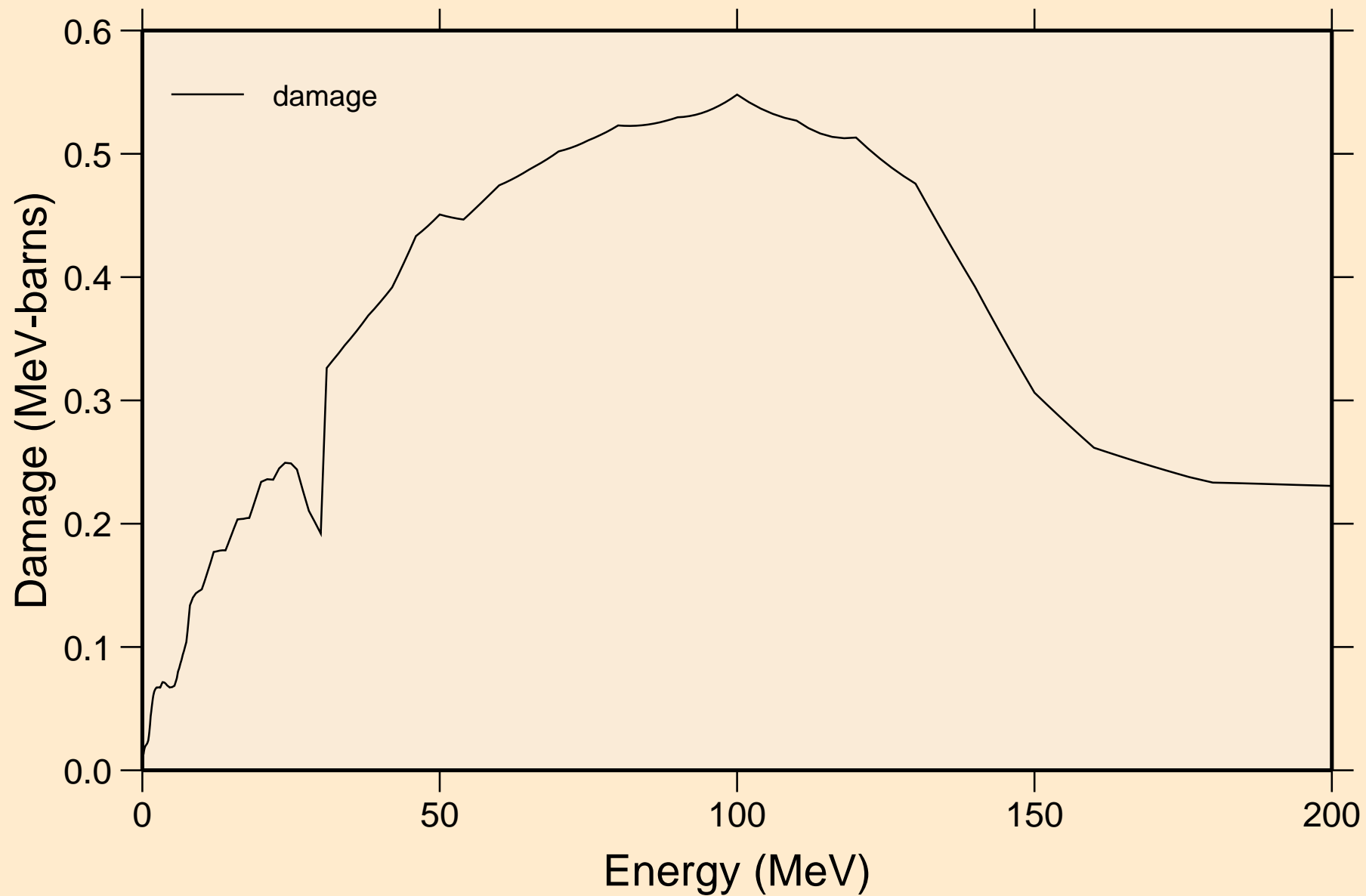
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Principal cross sections



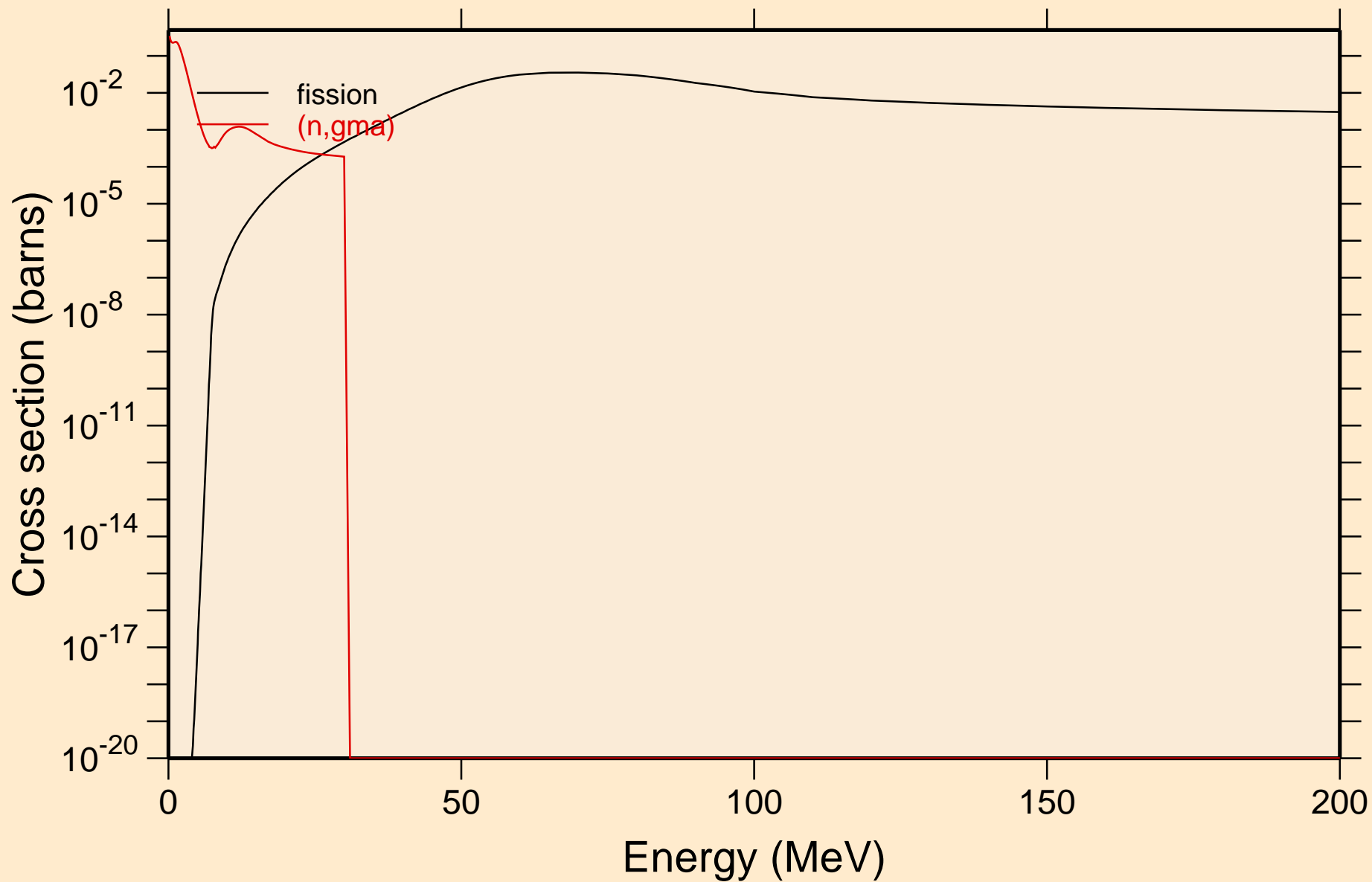
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Heating



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

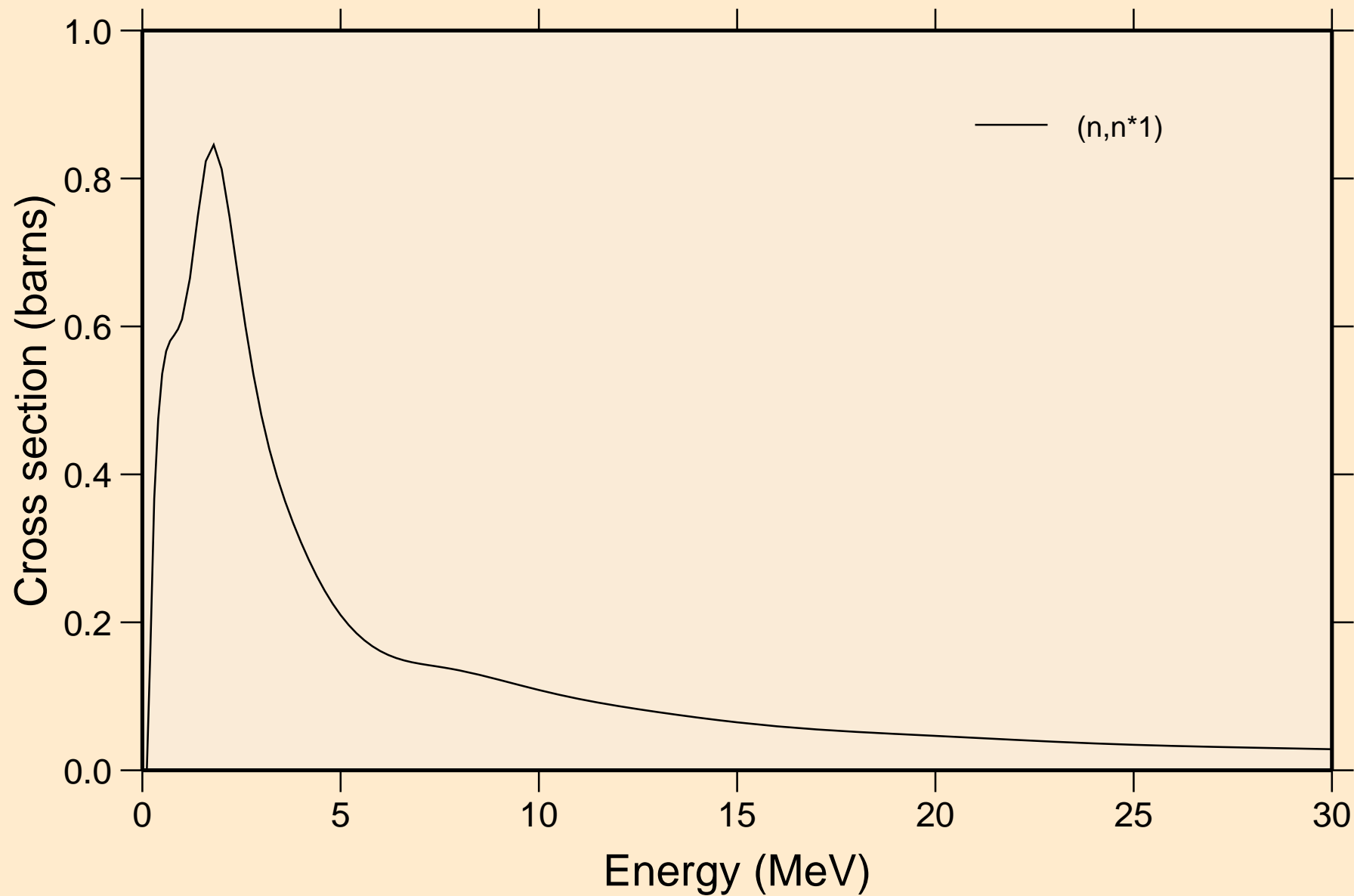


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Non-threshold reactions

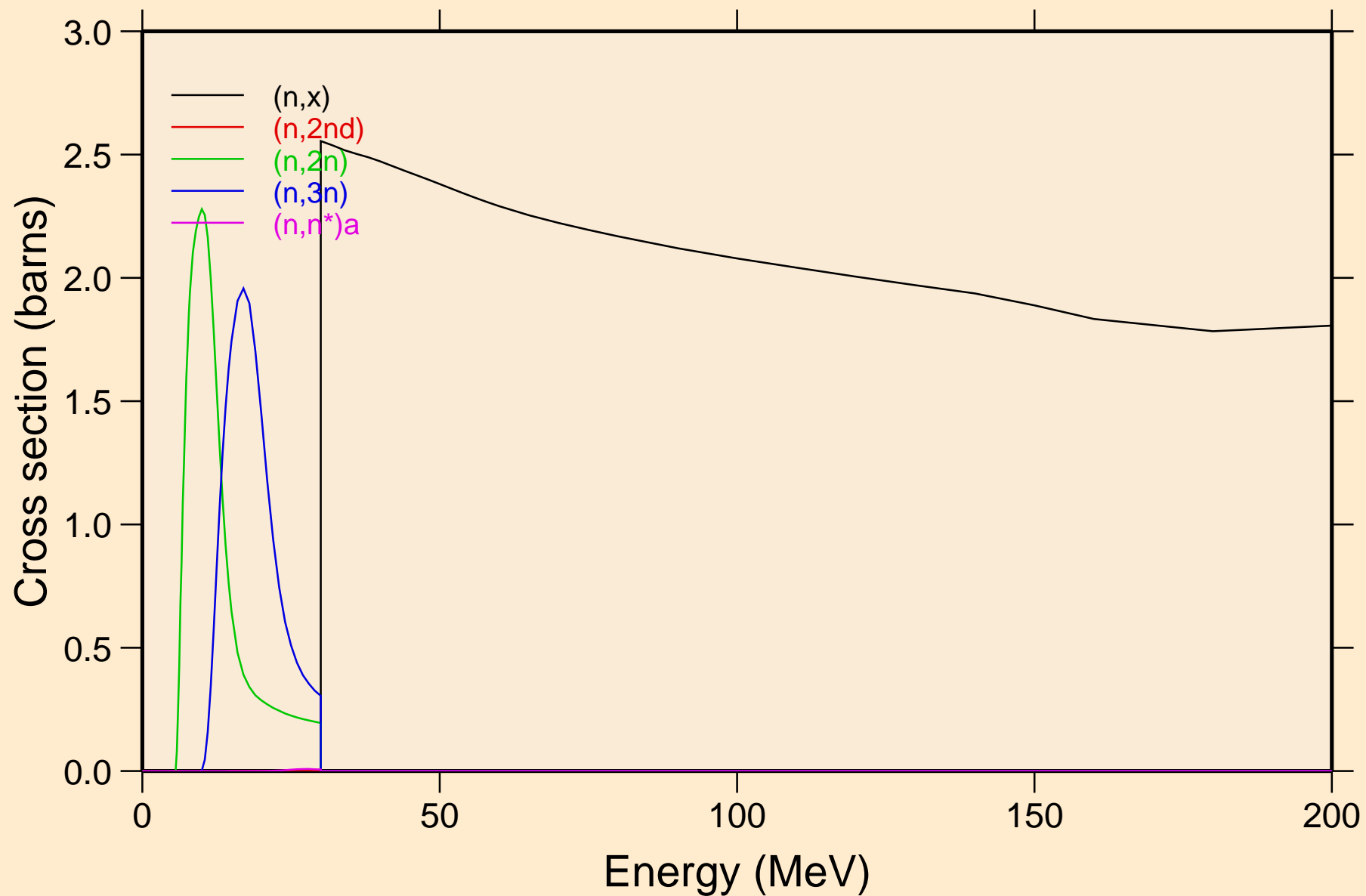




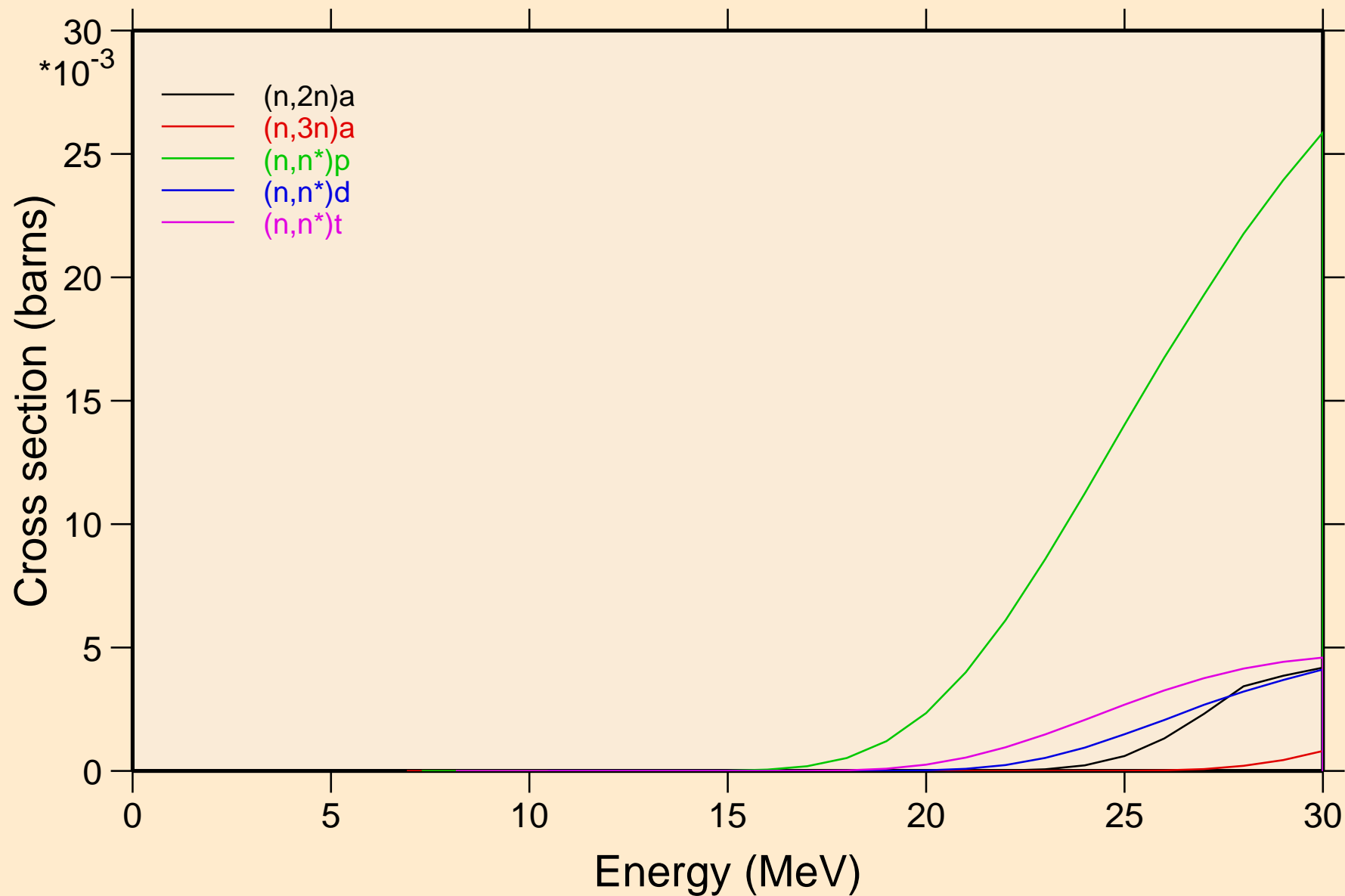
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Inelastic levels



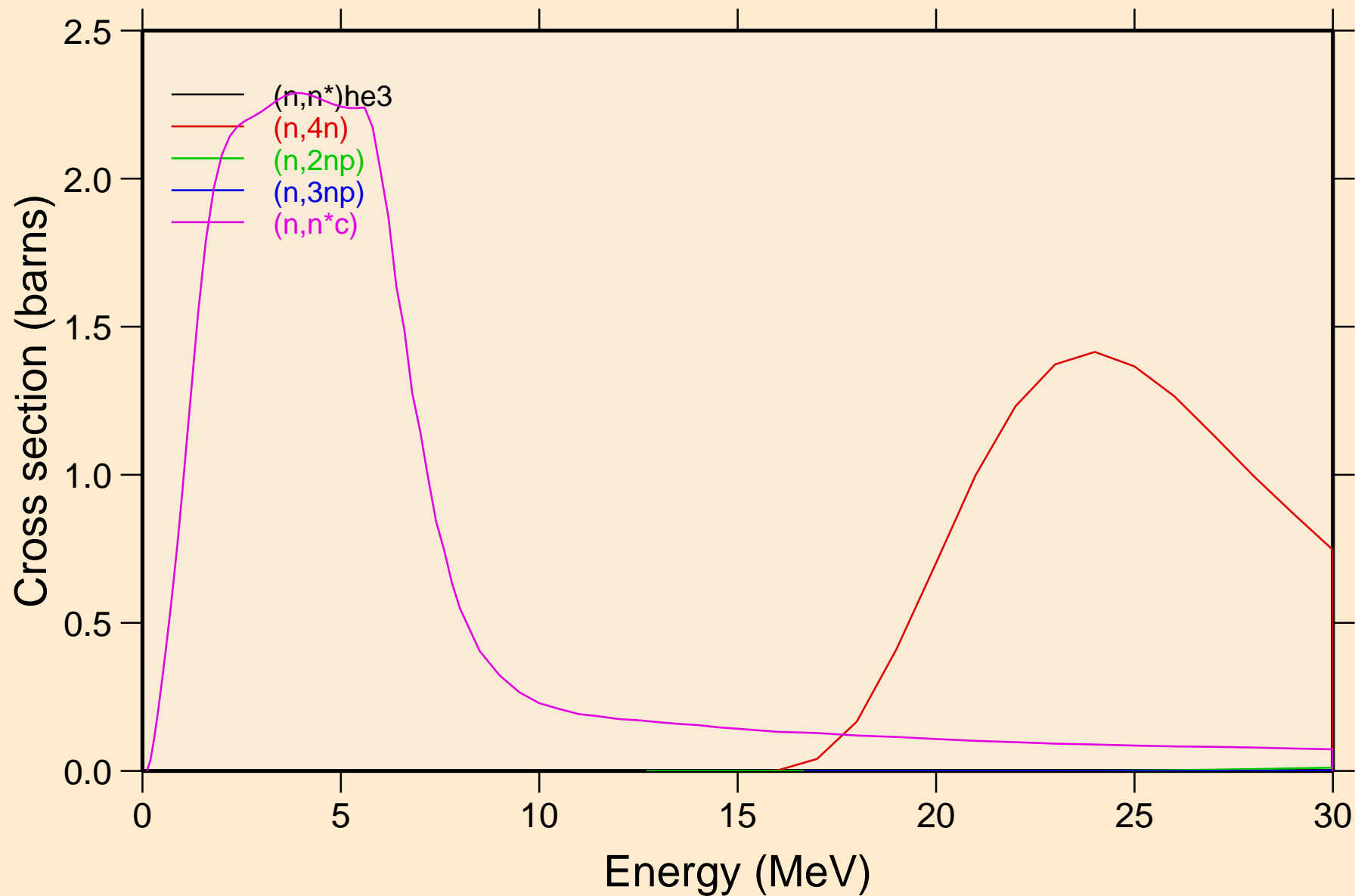
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Threshold reactions



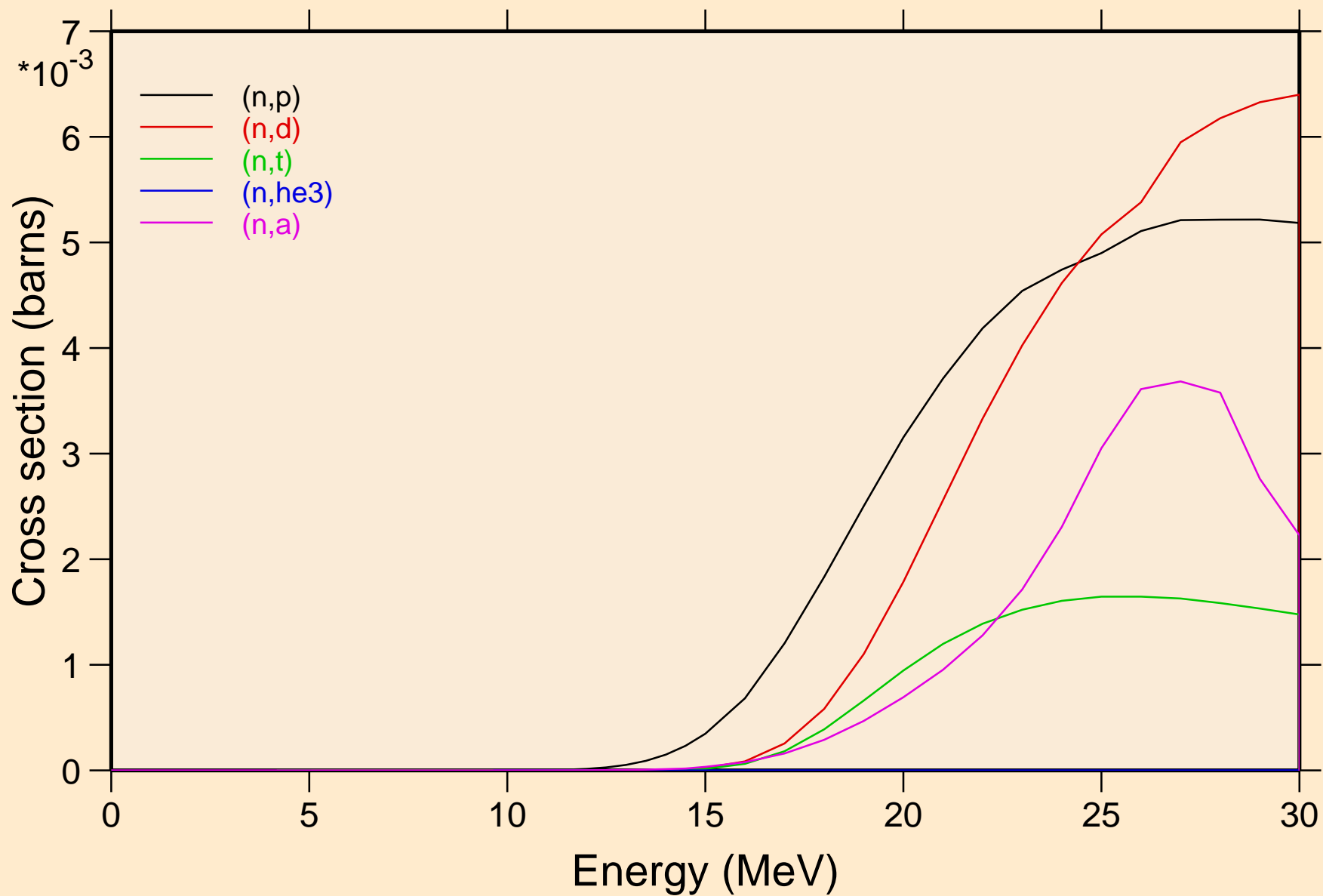
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Threshold reactions



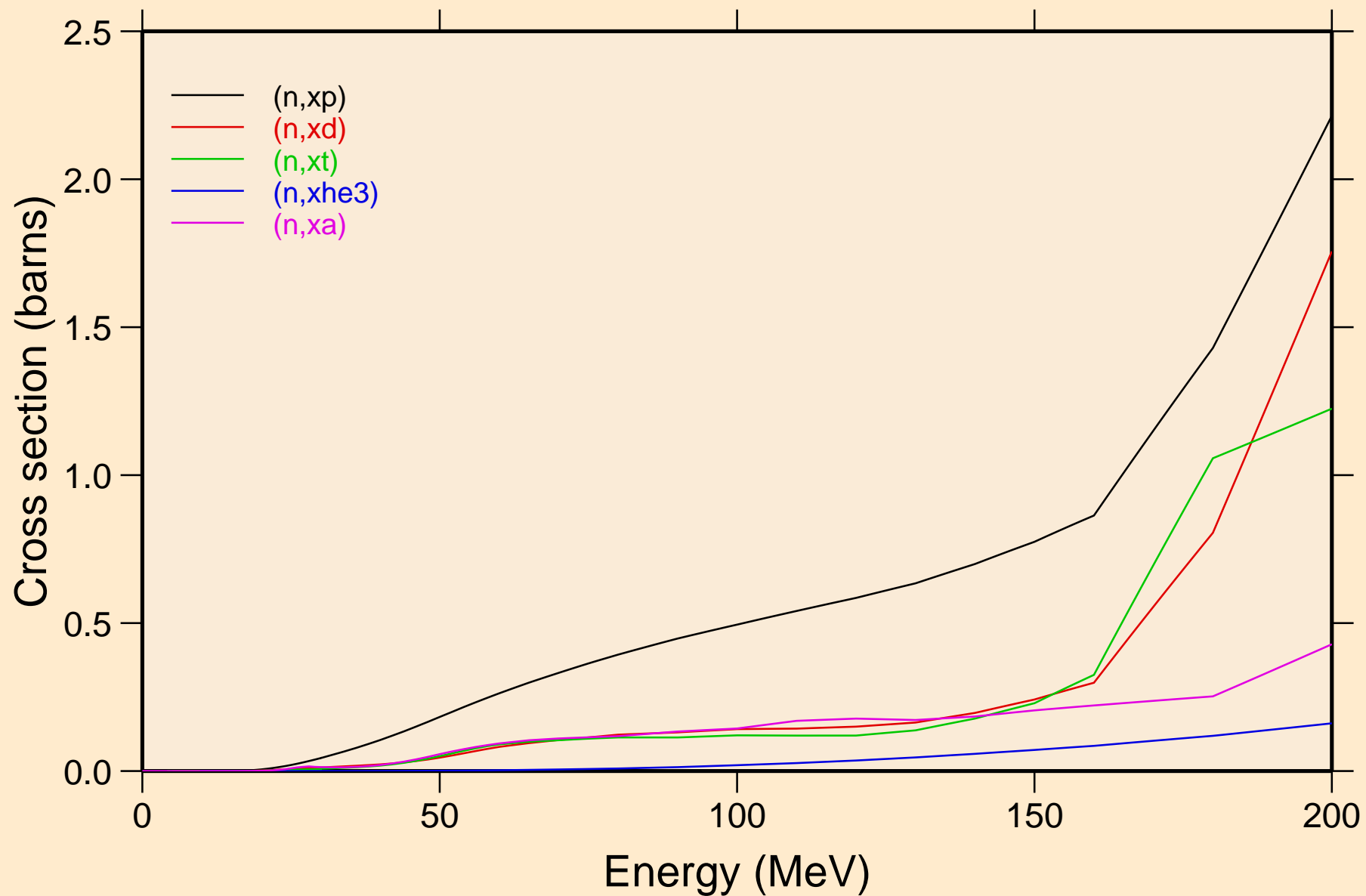
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Threshold reactions



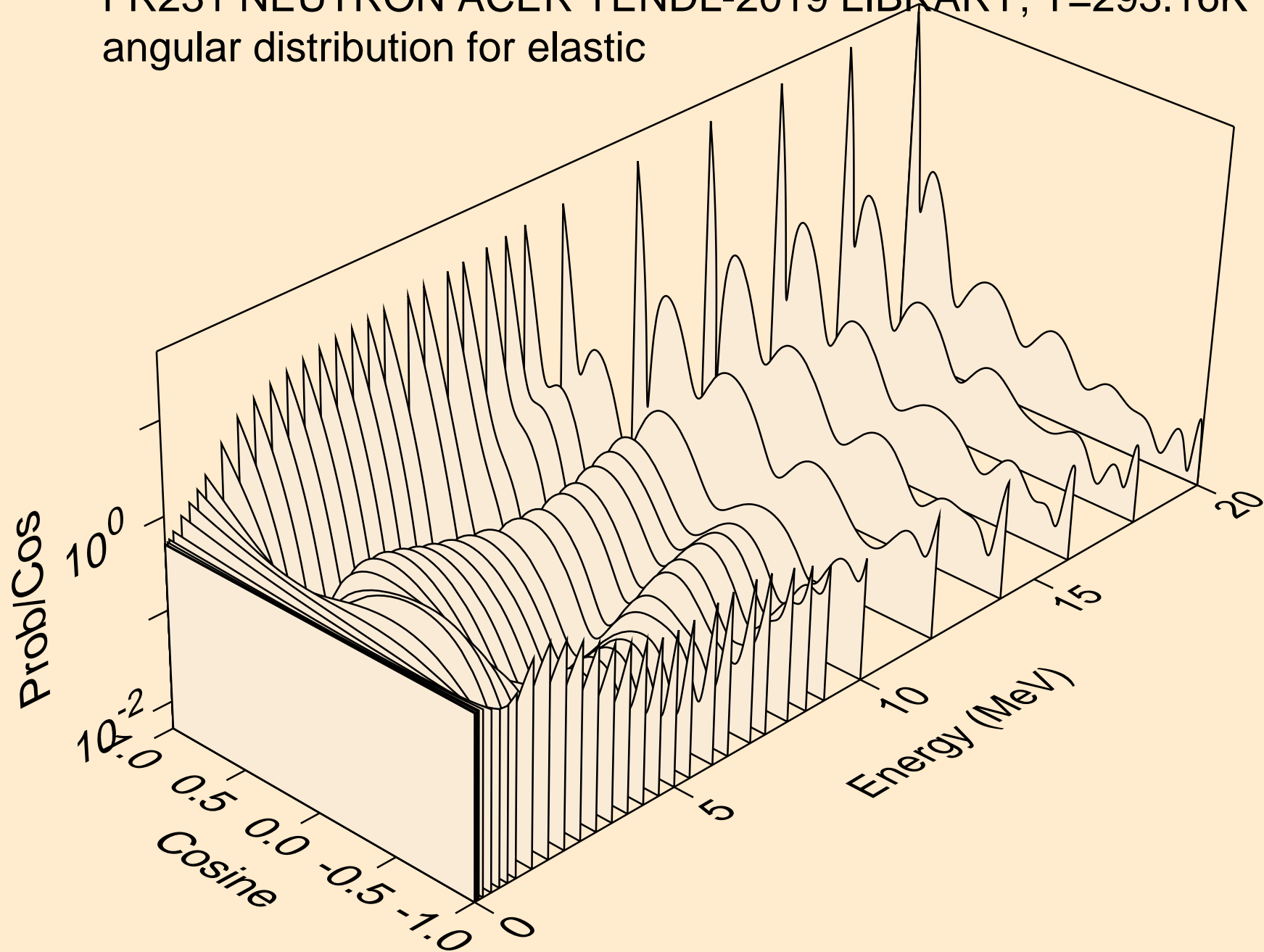
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



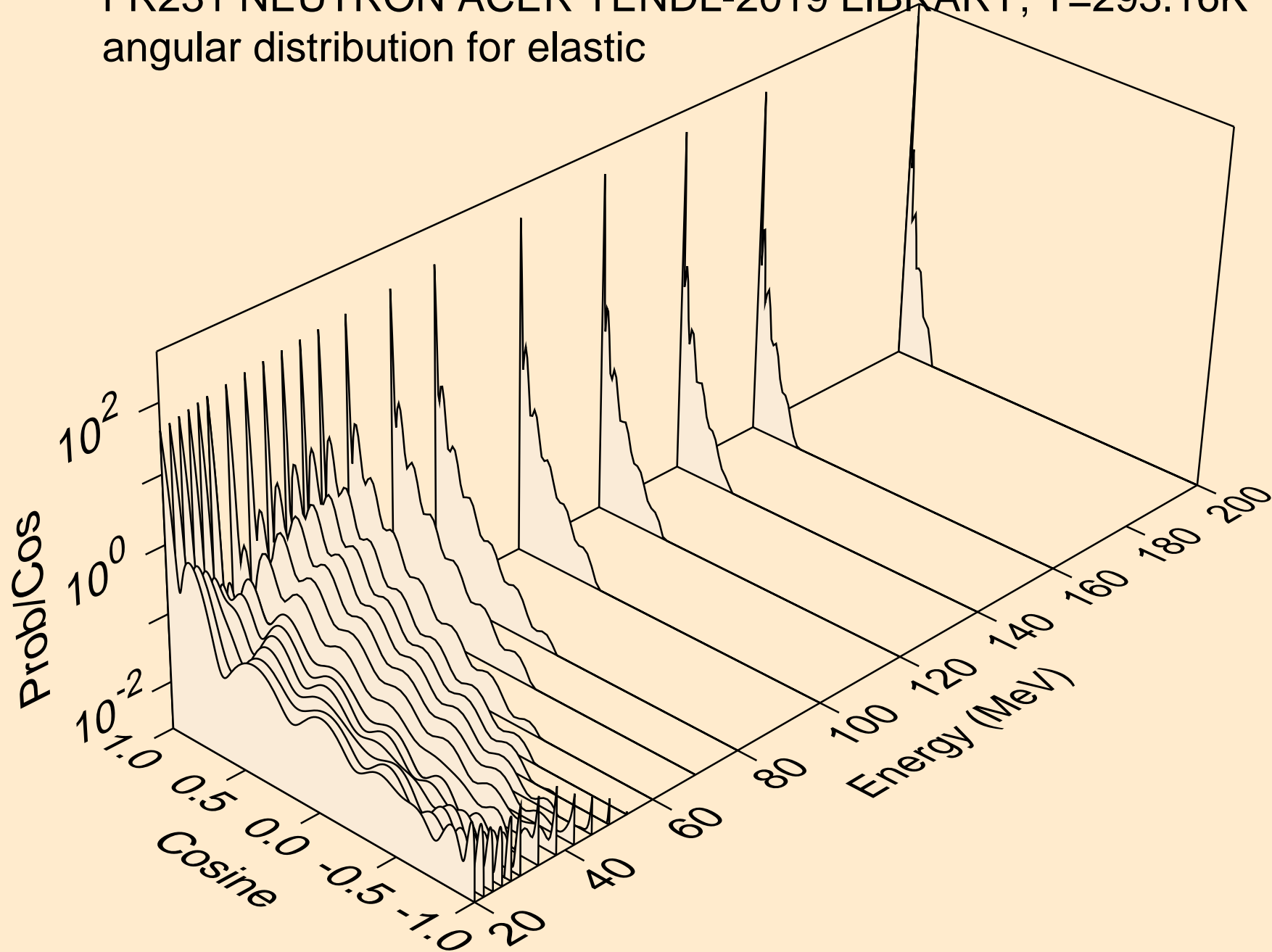
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

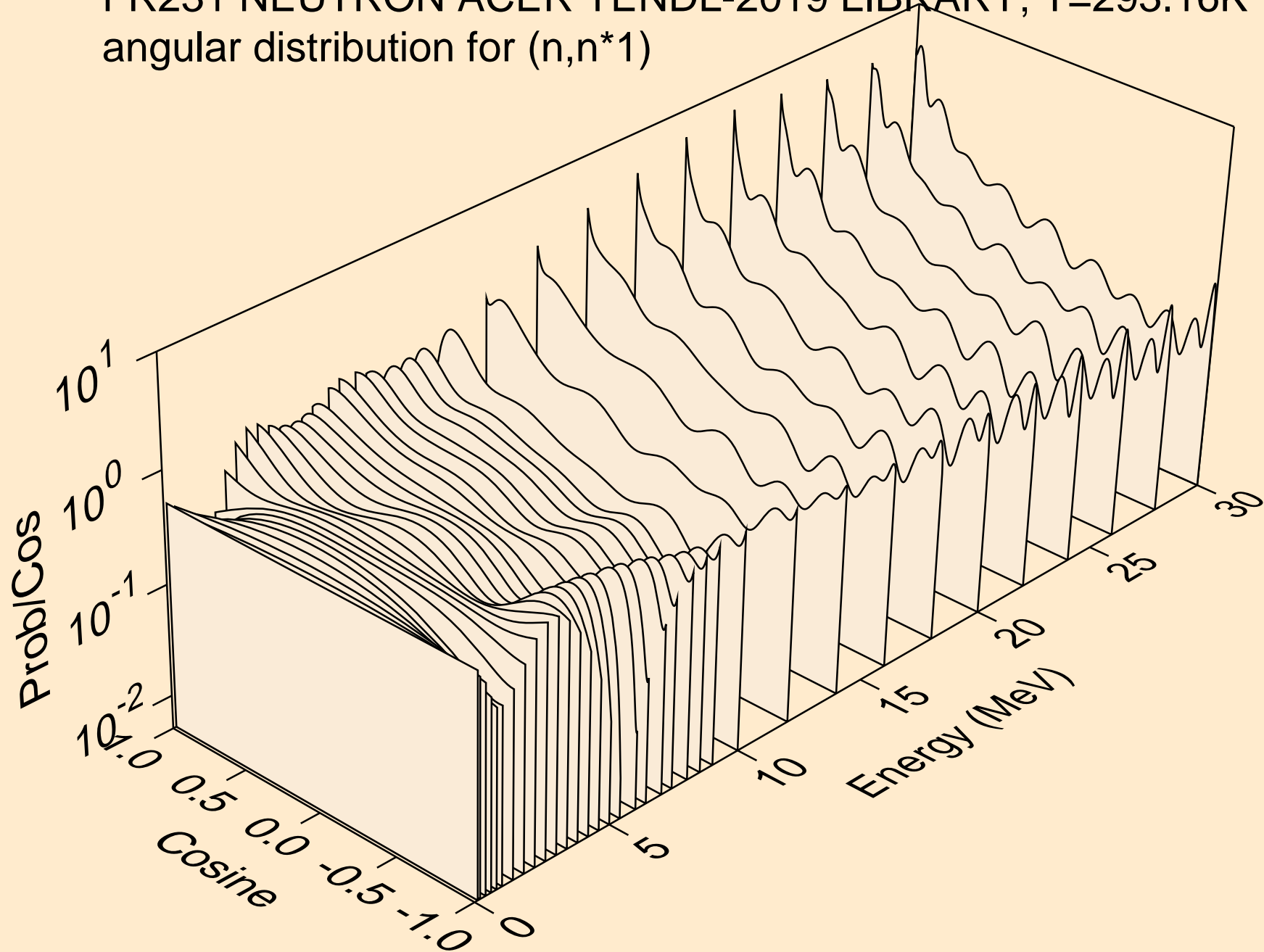


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angular distribution for elastic

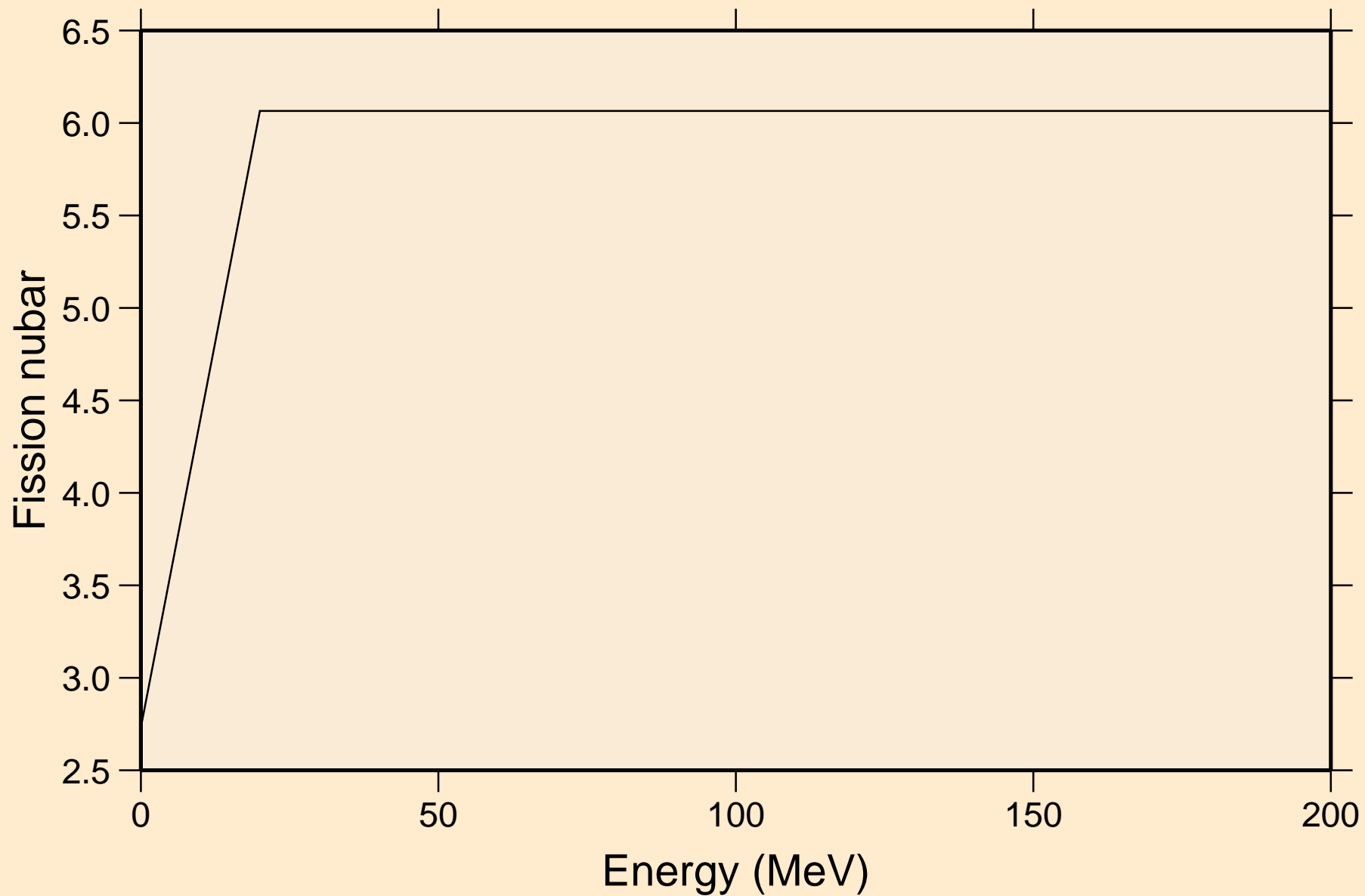




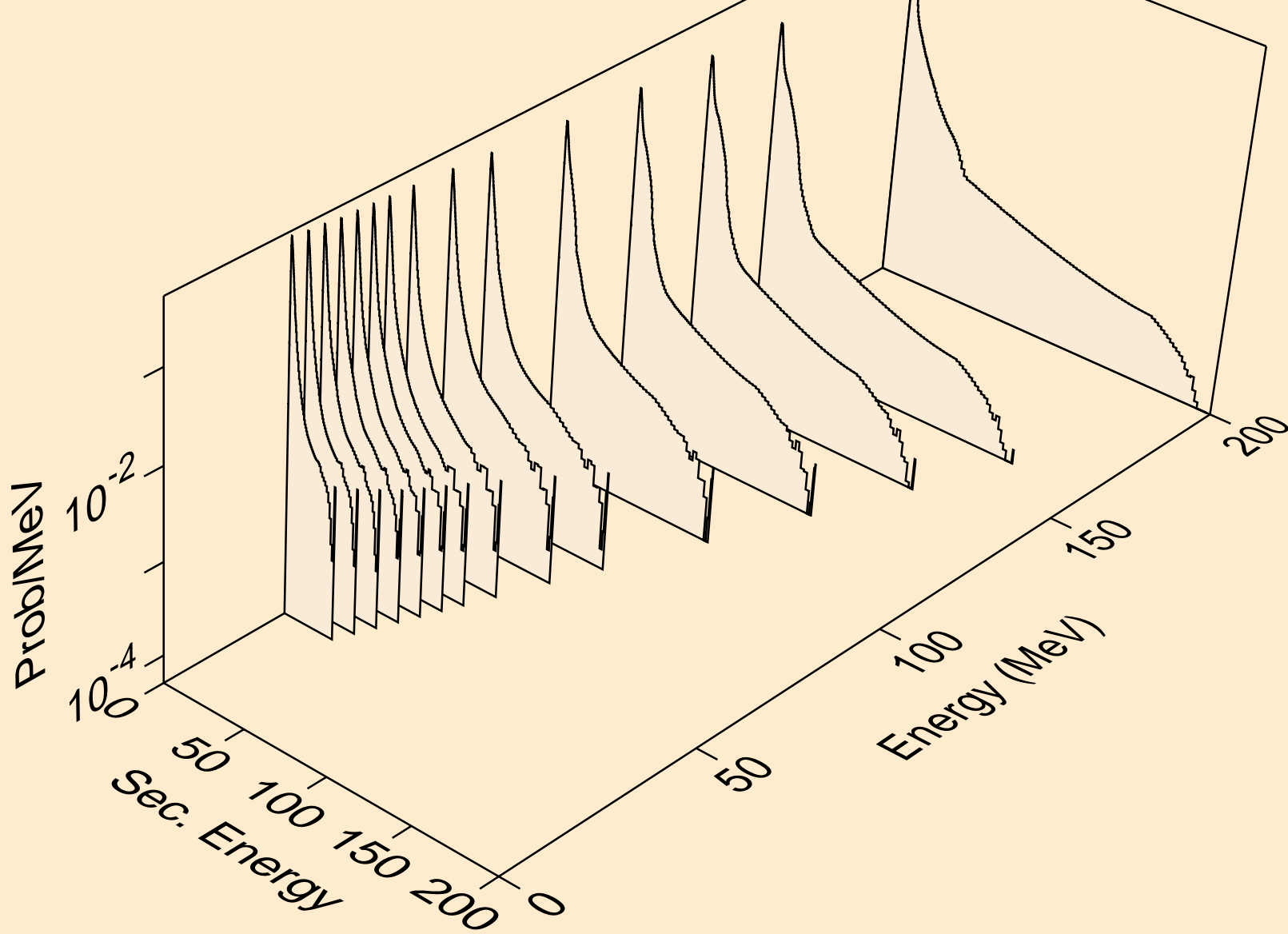
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angular distribution for (n,n\*1)



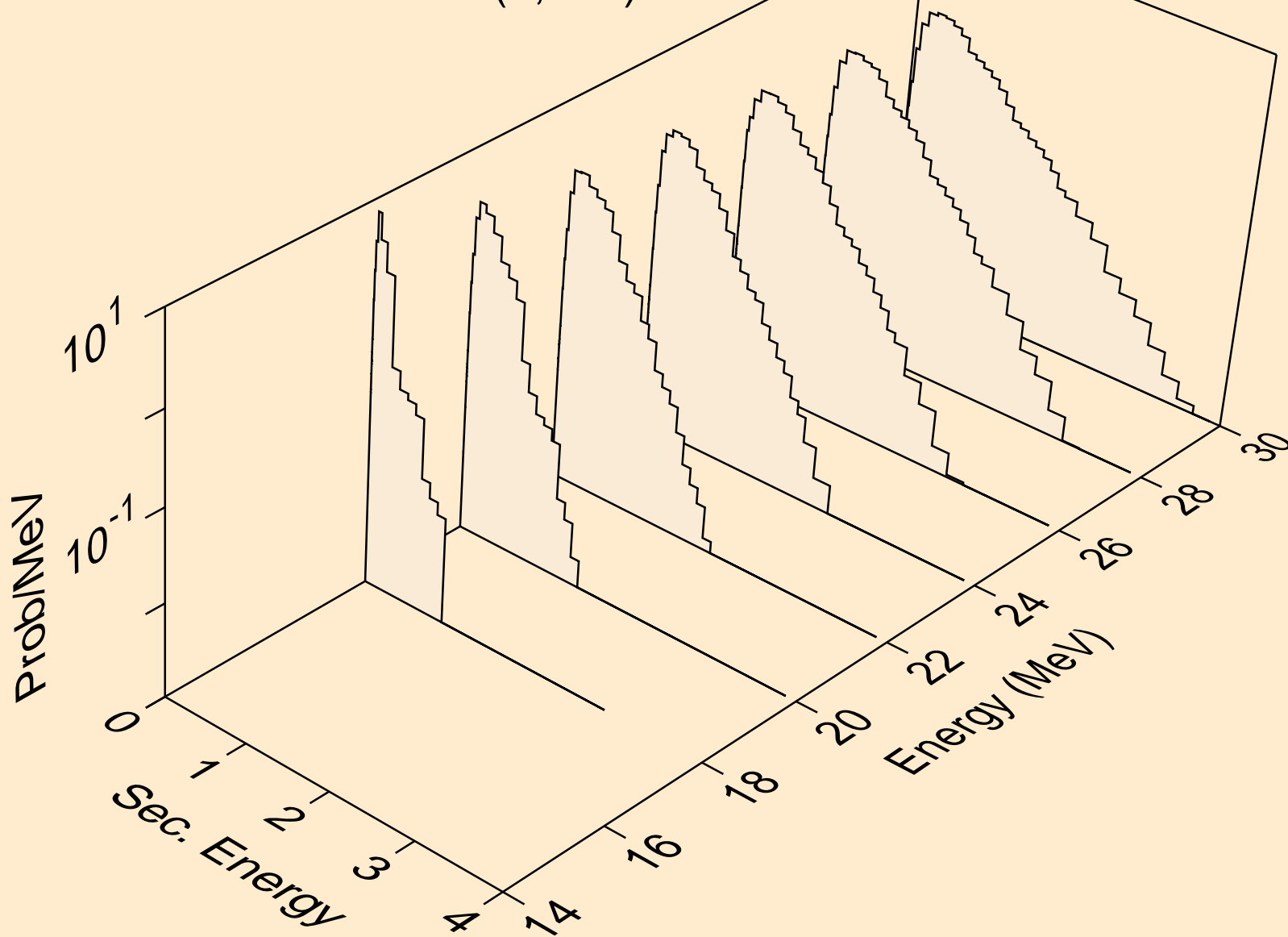
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Total fission nubar



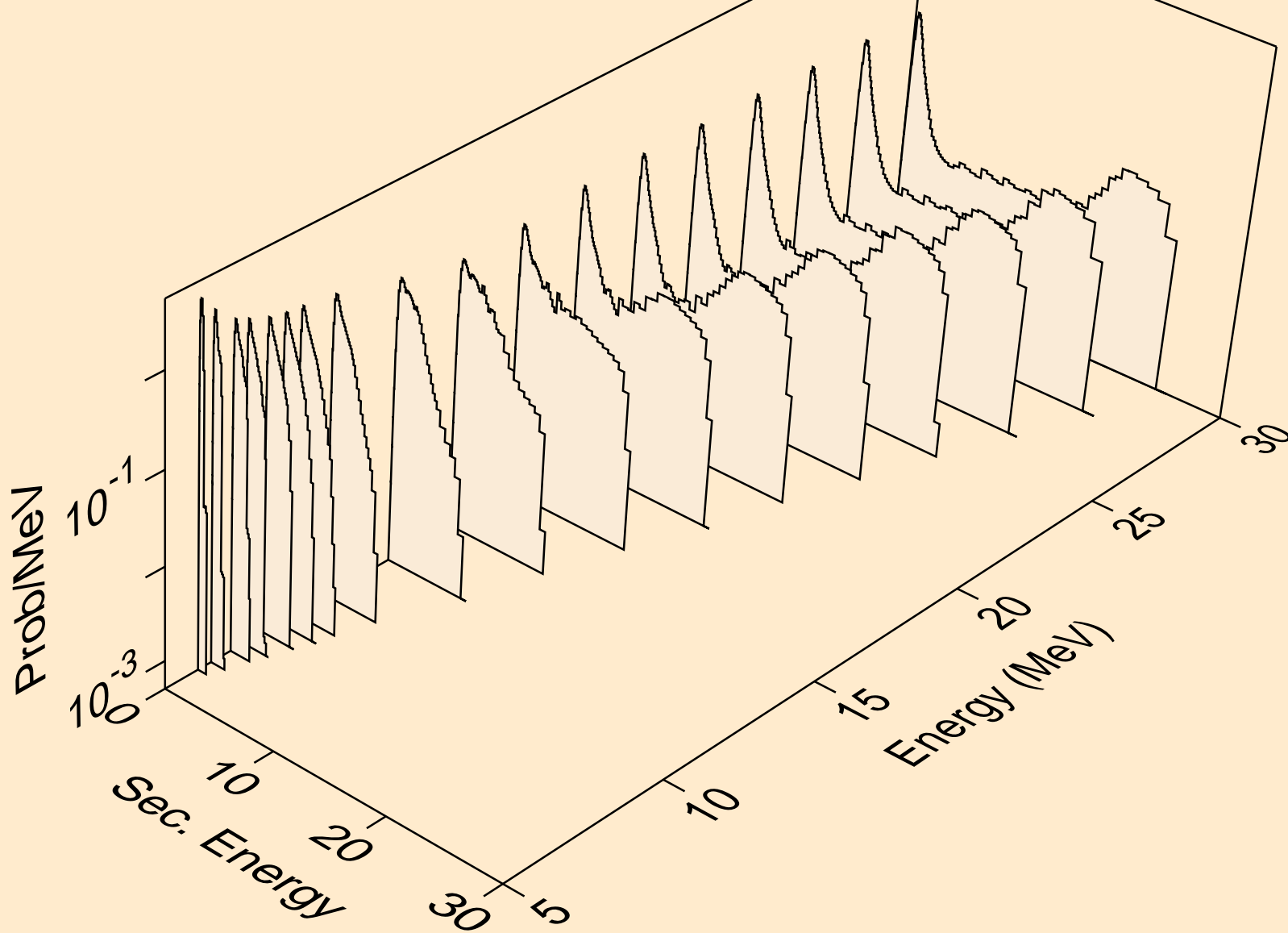
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Neutron emission for (n,x)



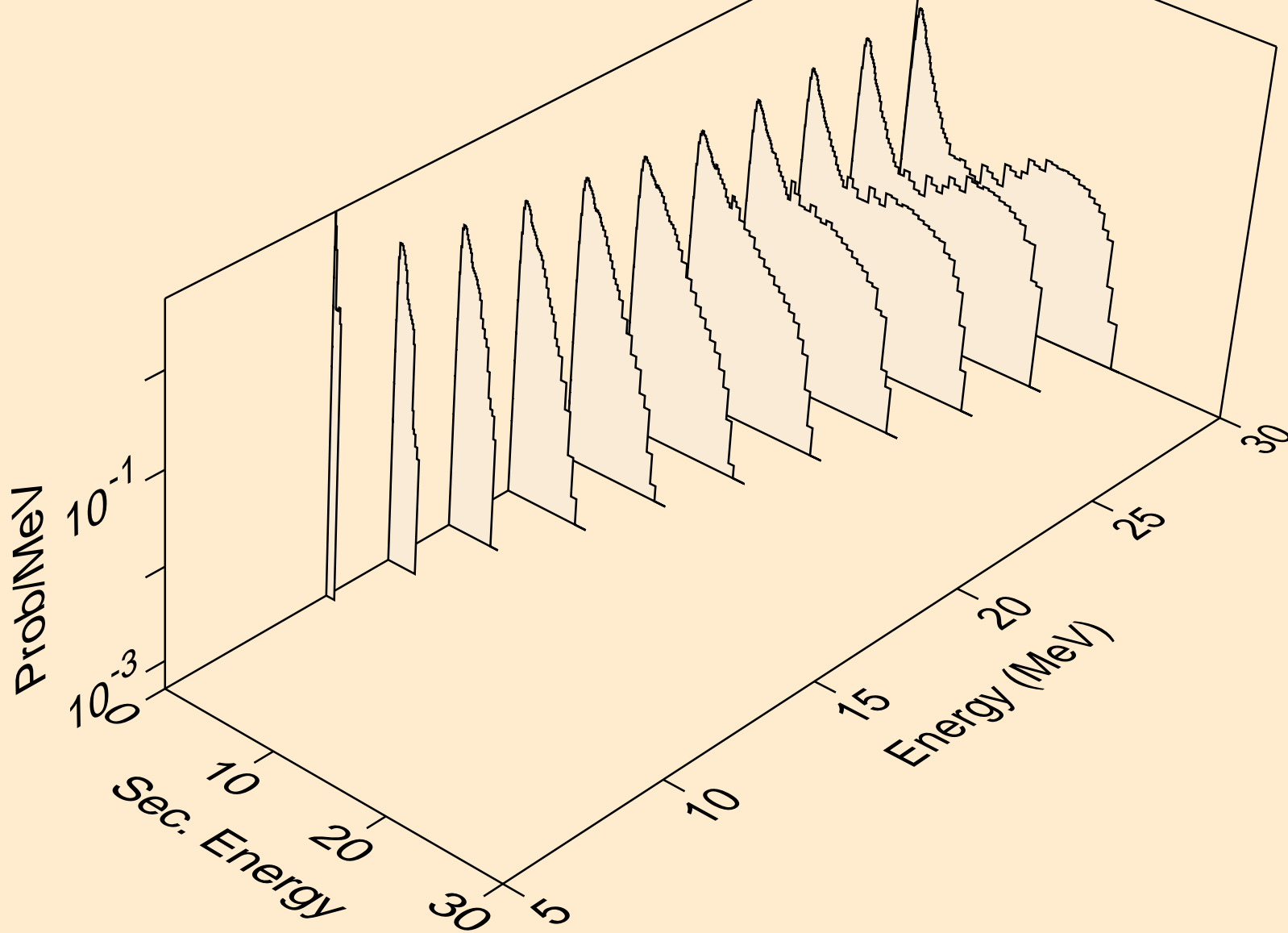
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Neutron emission for (n,2nd)



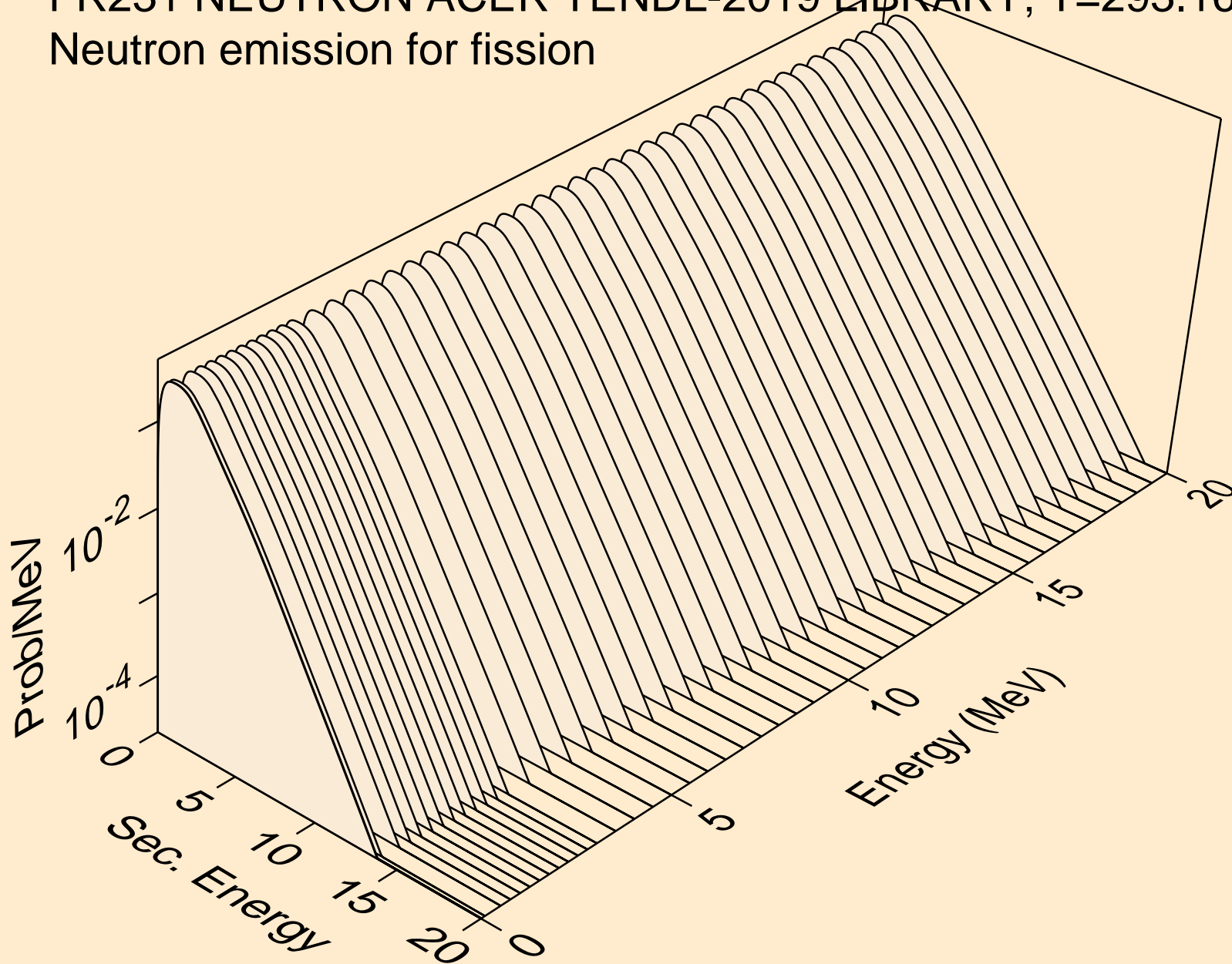
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Neutron emission for (n,2n)



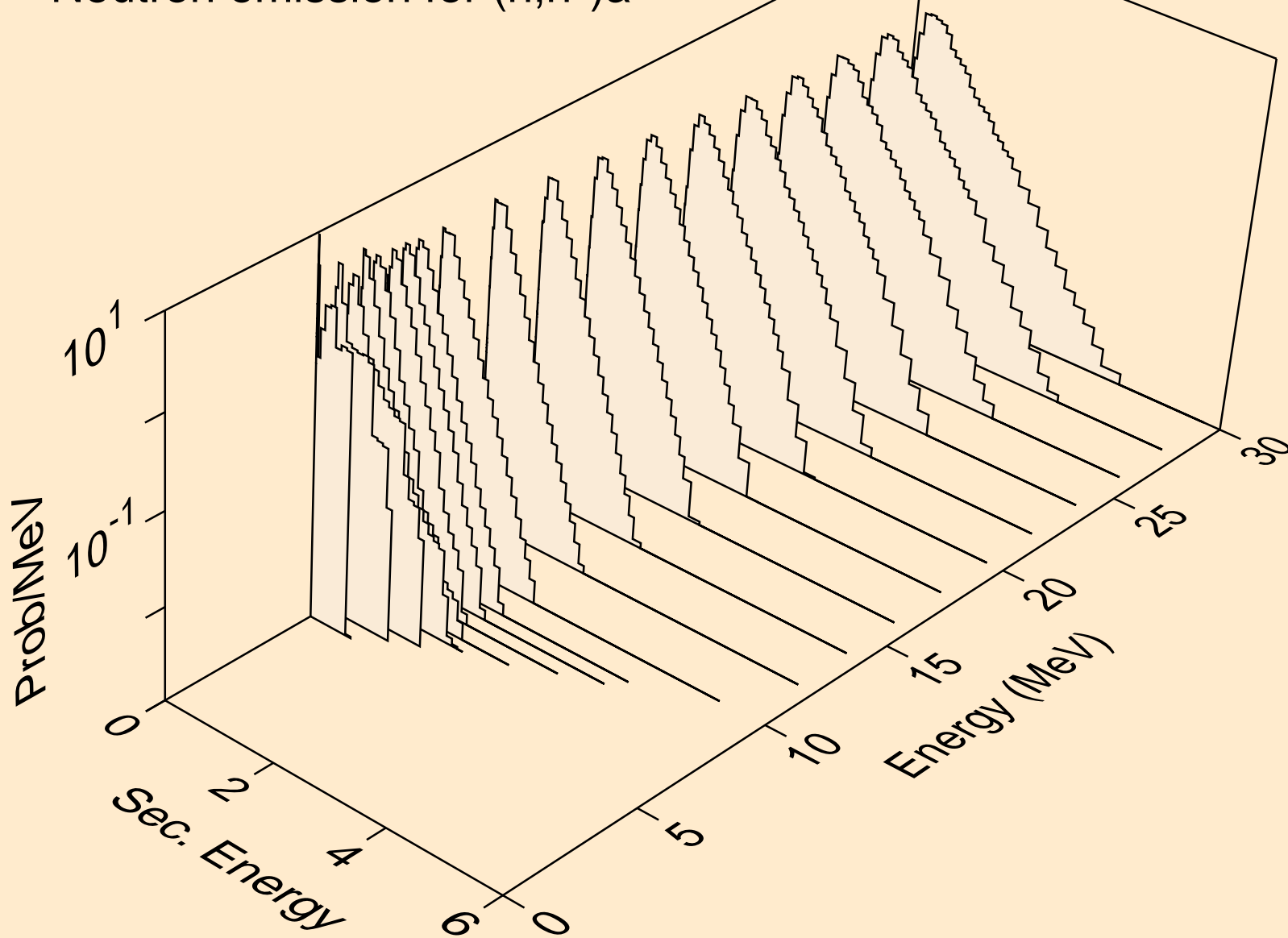
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for fission

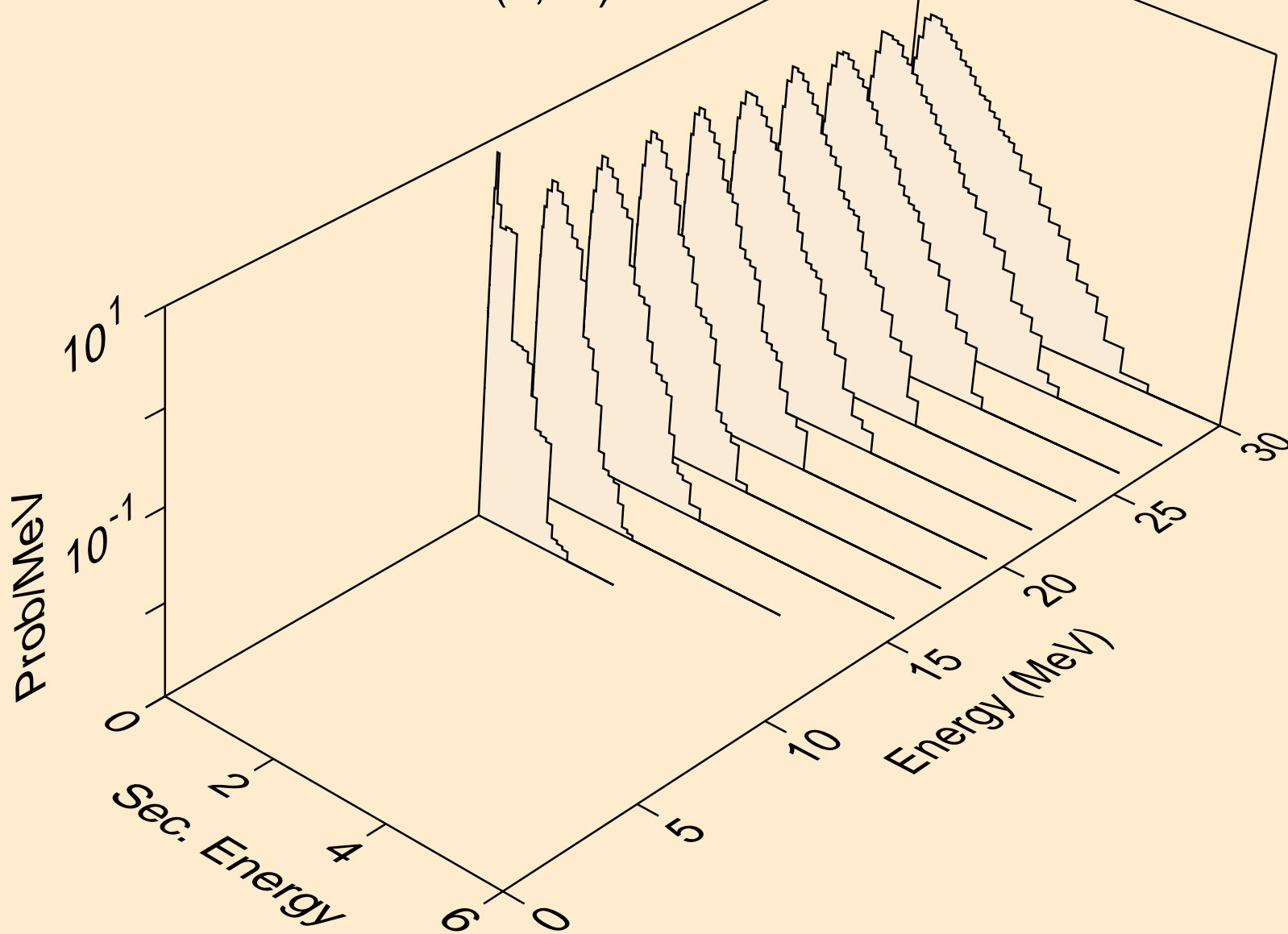


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Neutron emission for (n,n\*)a

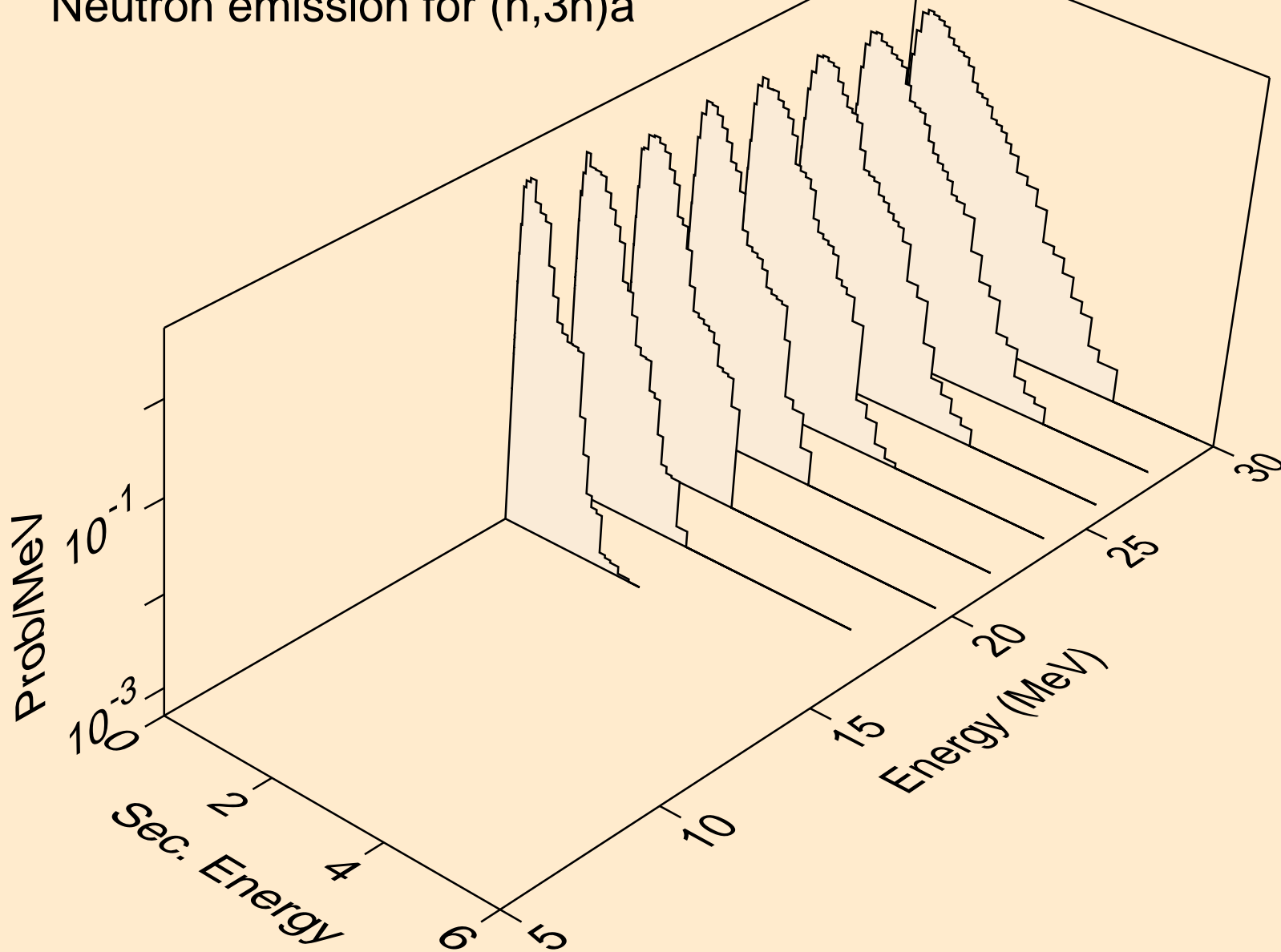




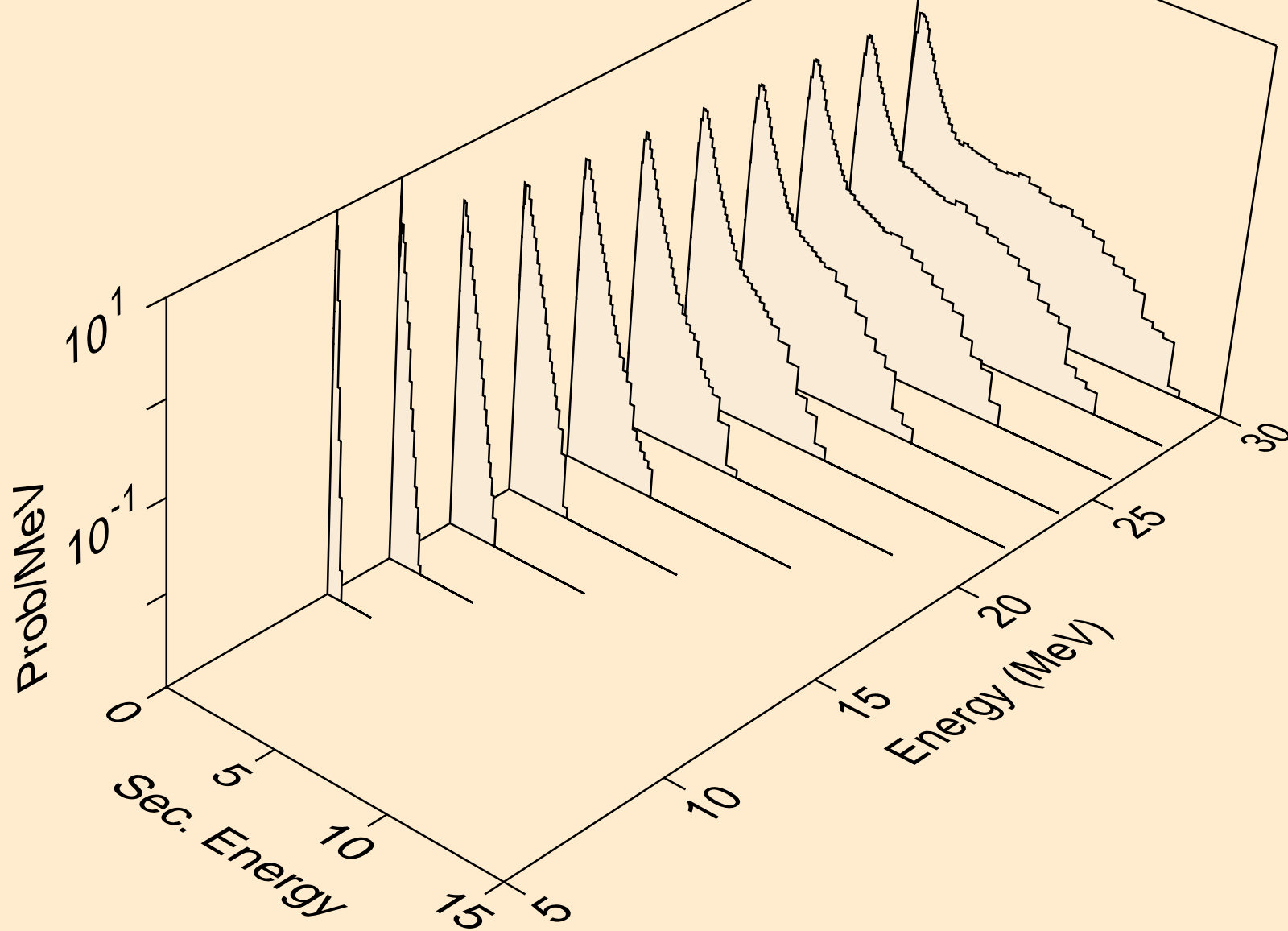
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Neutron emission for (n,2n)a



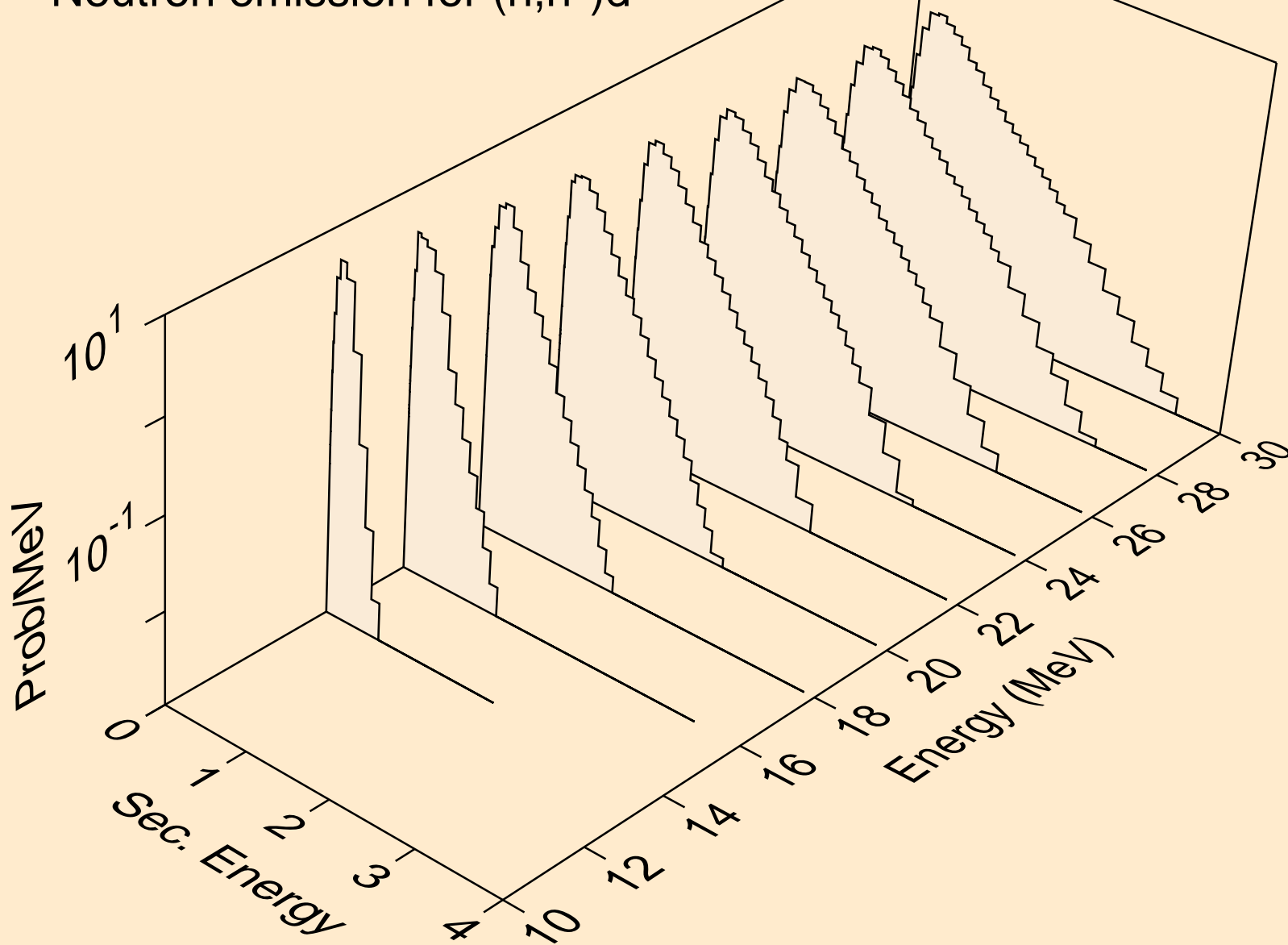
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Neutron emission for (n,3n)a



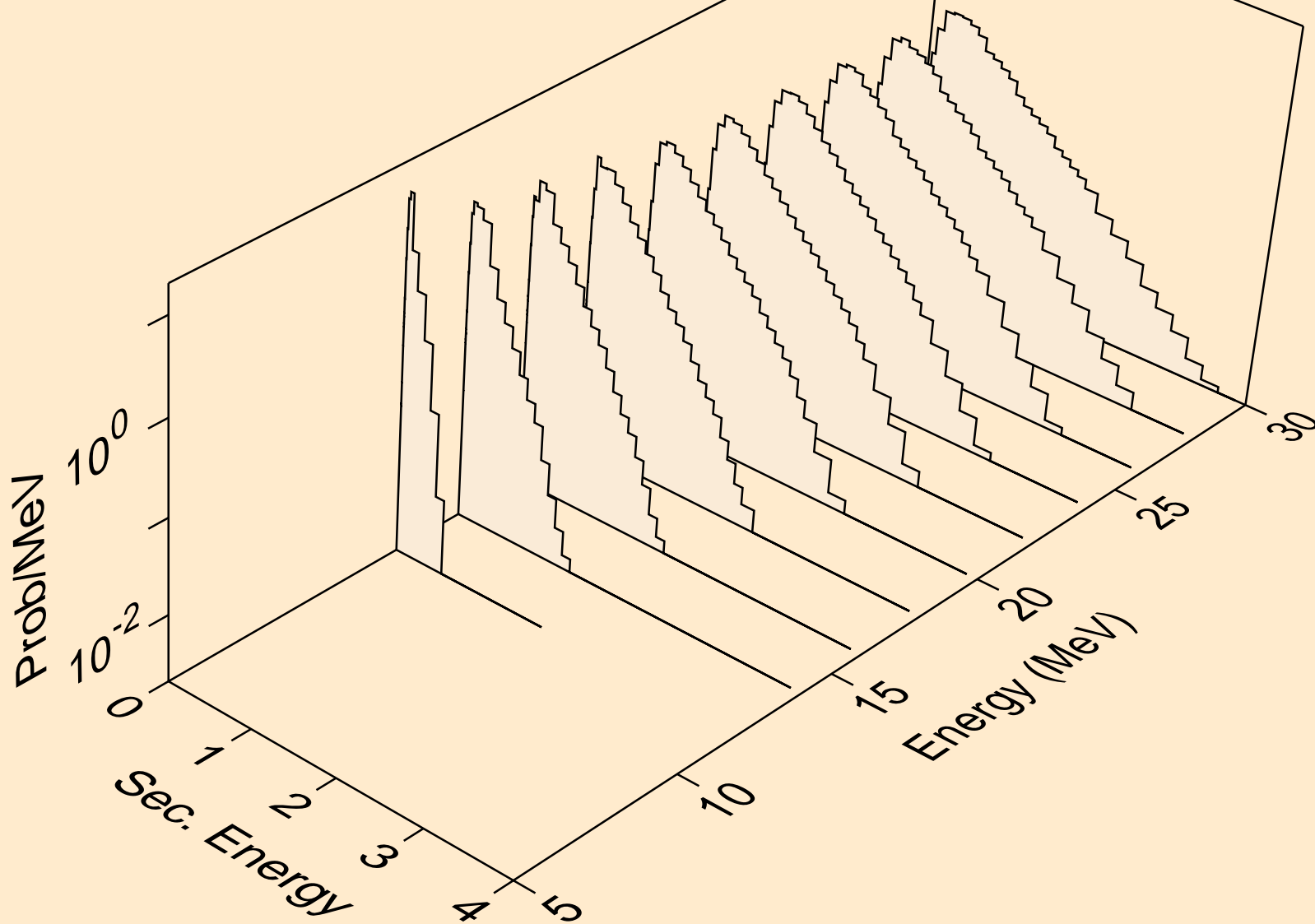
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



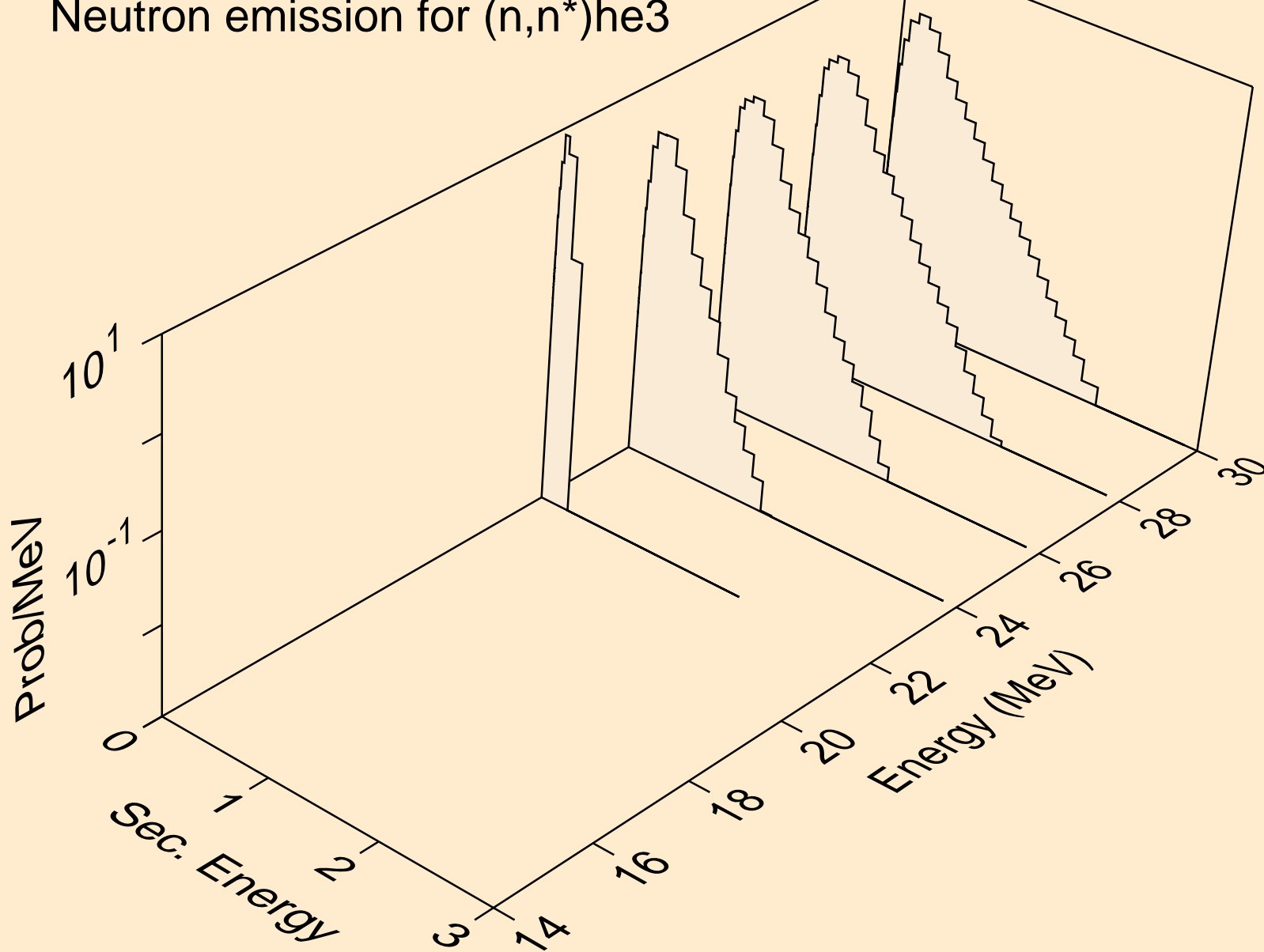
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Neutron emission for (n,n\*)d



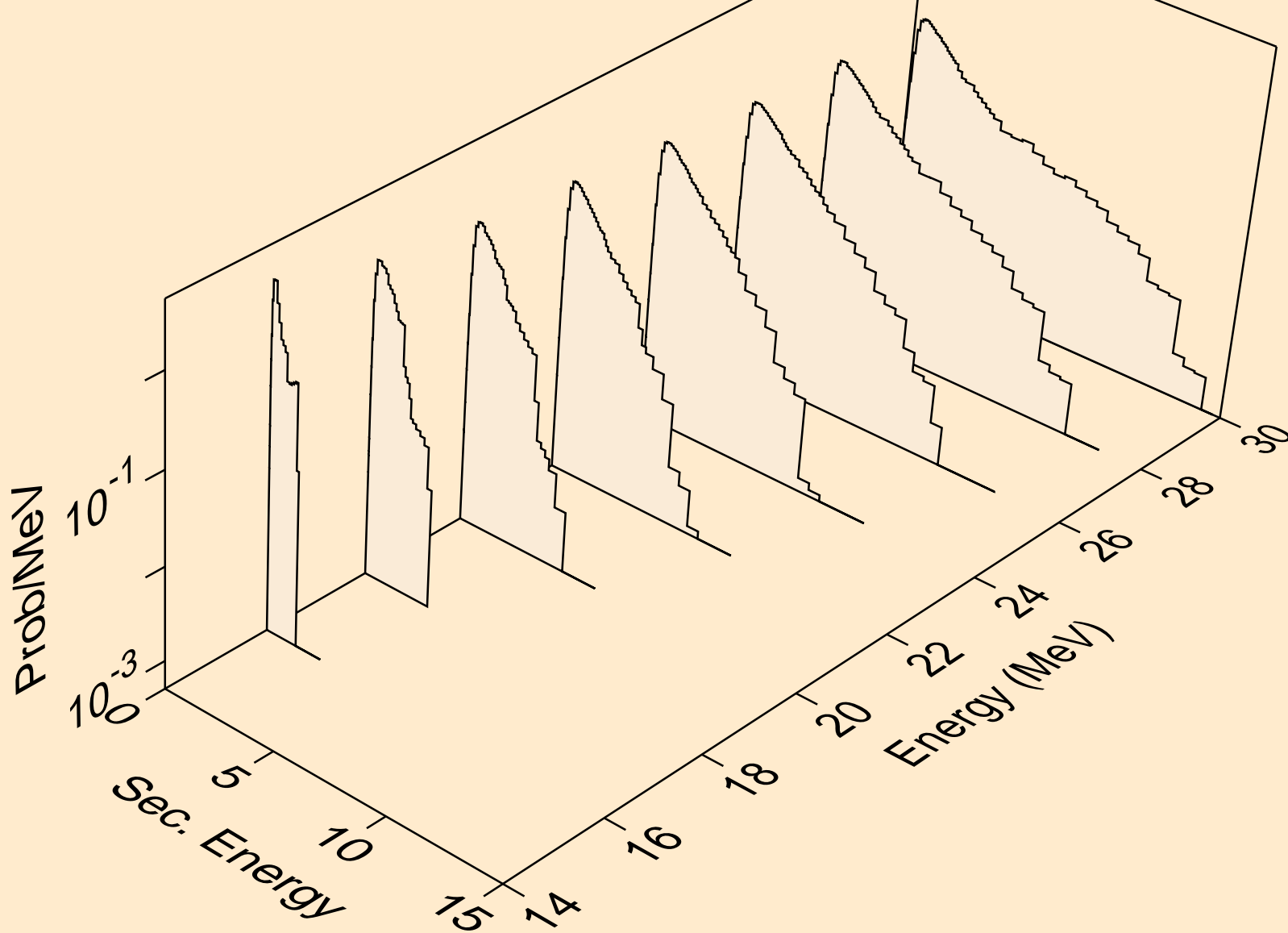
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Neutron emission for (n,n\*)t



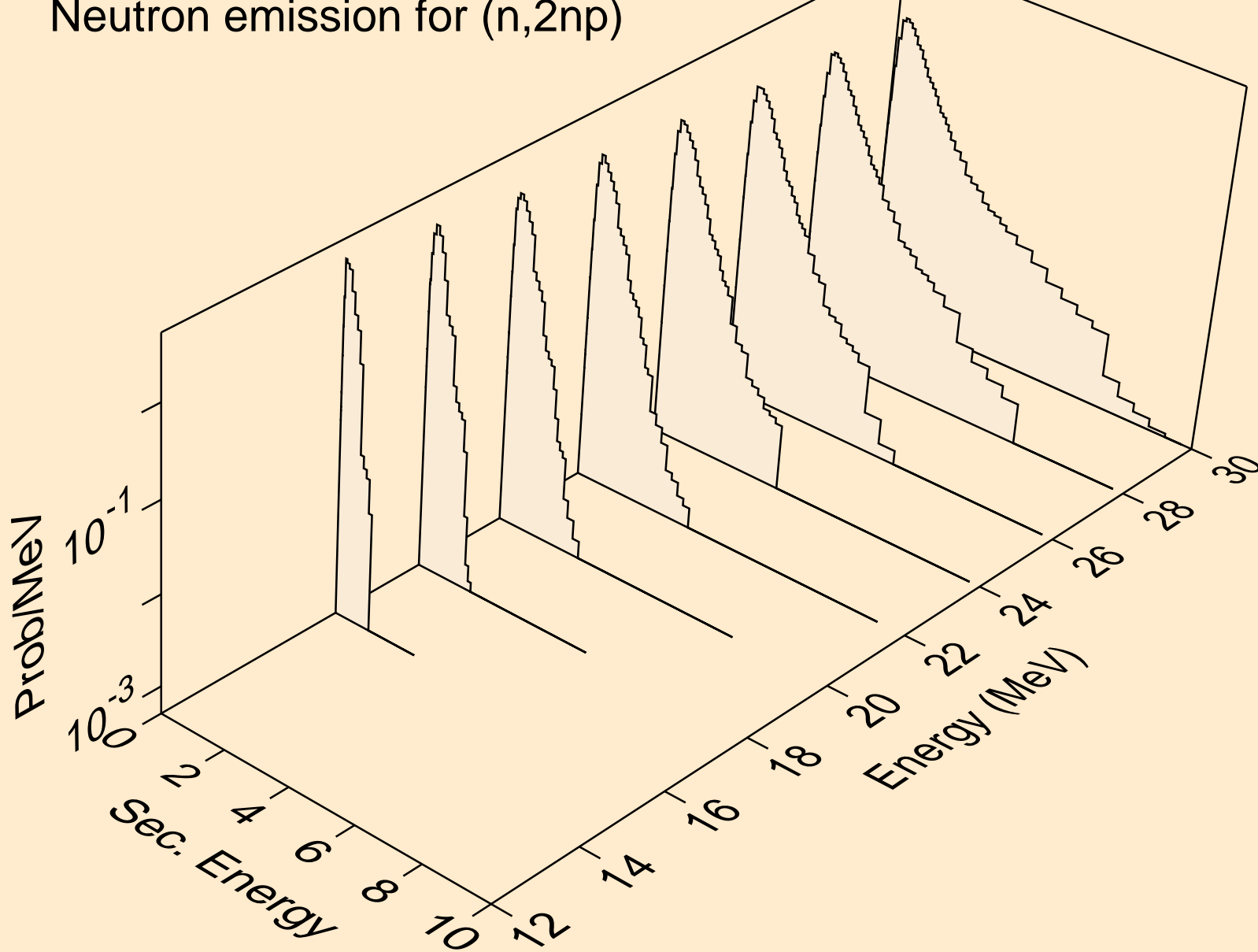
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)

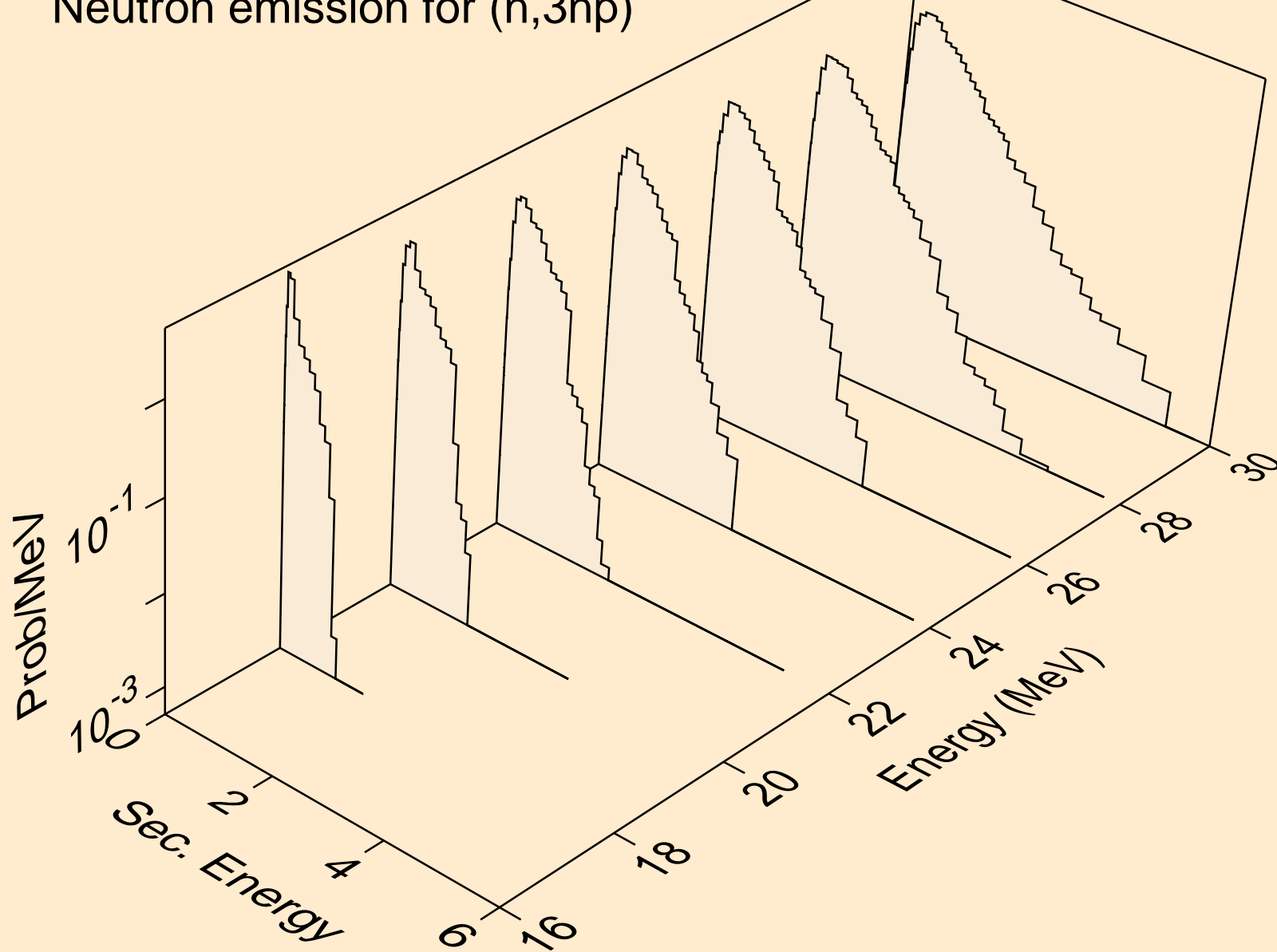


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Neutron emission for (n,2np)

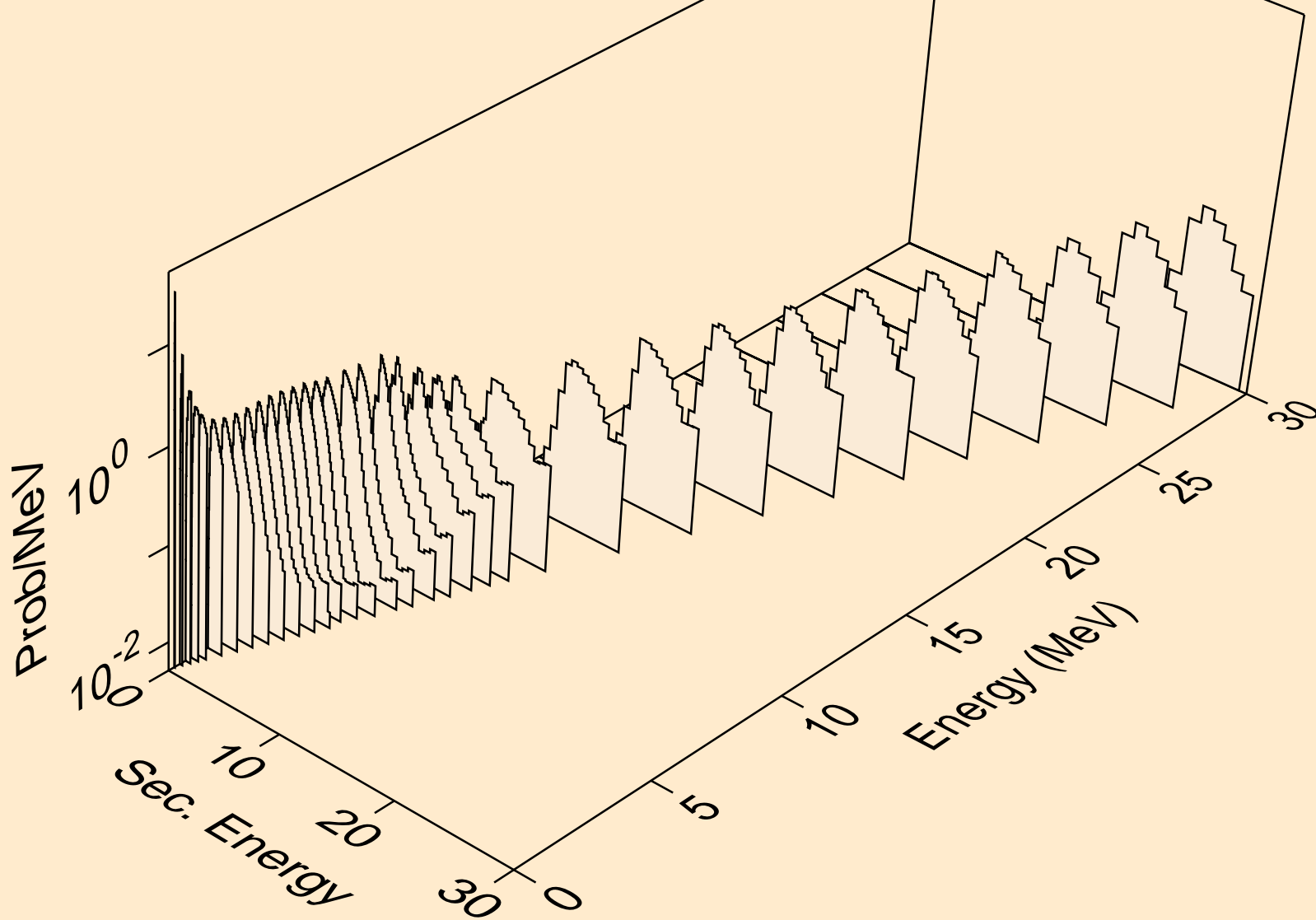




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Neutron emission for (n,3np)

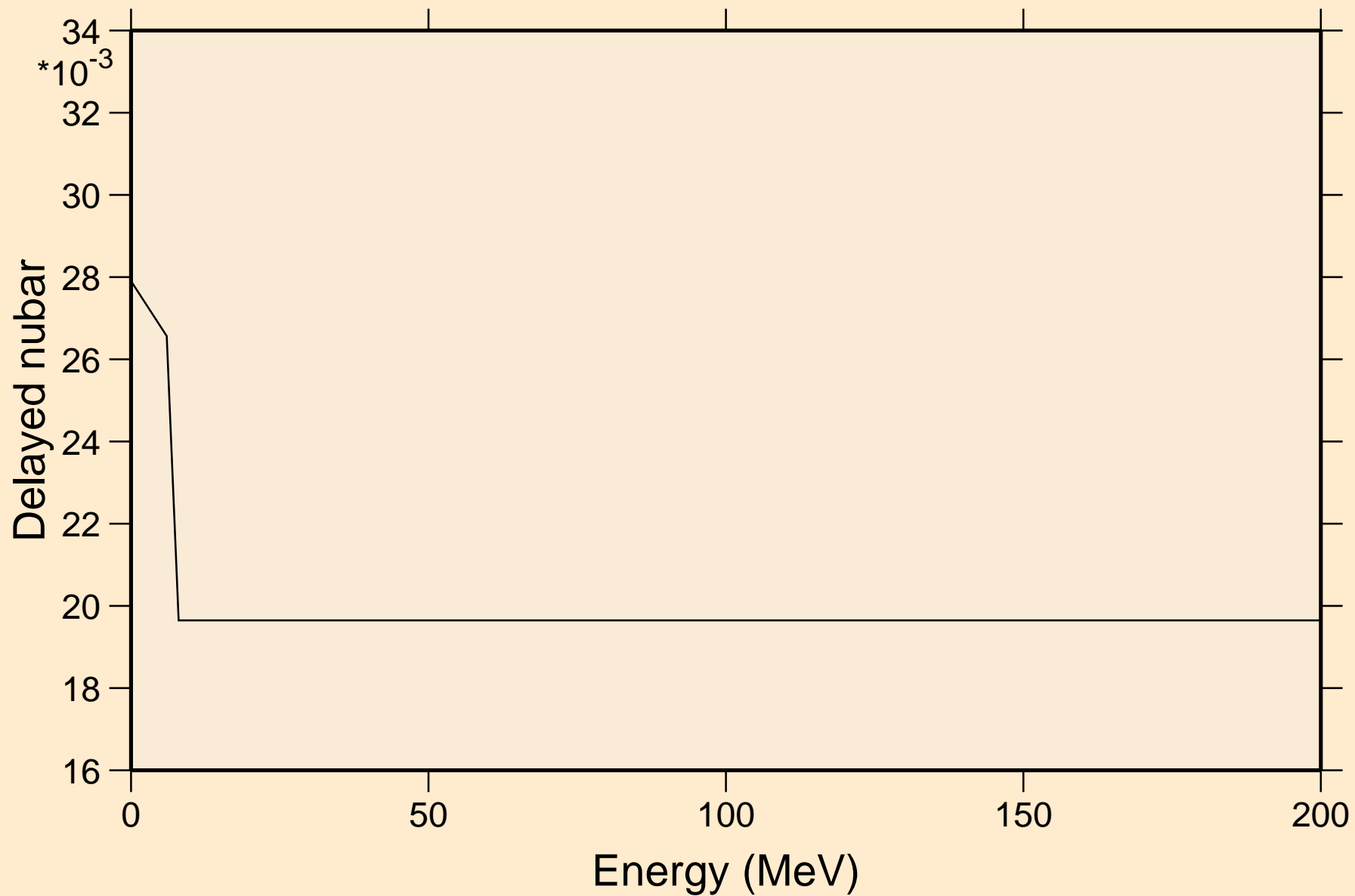


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Neutron emission for (n,n\*c)



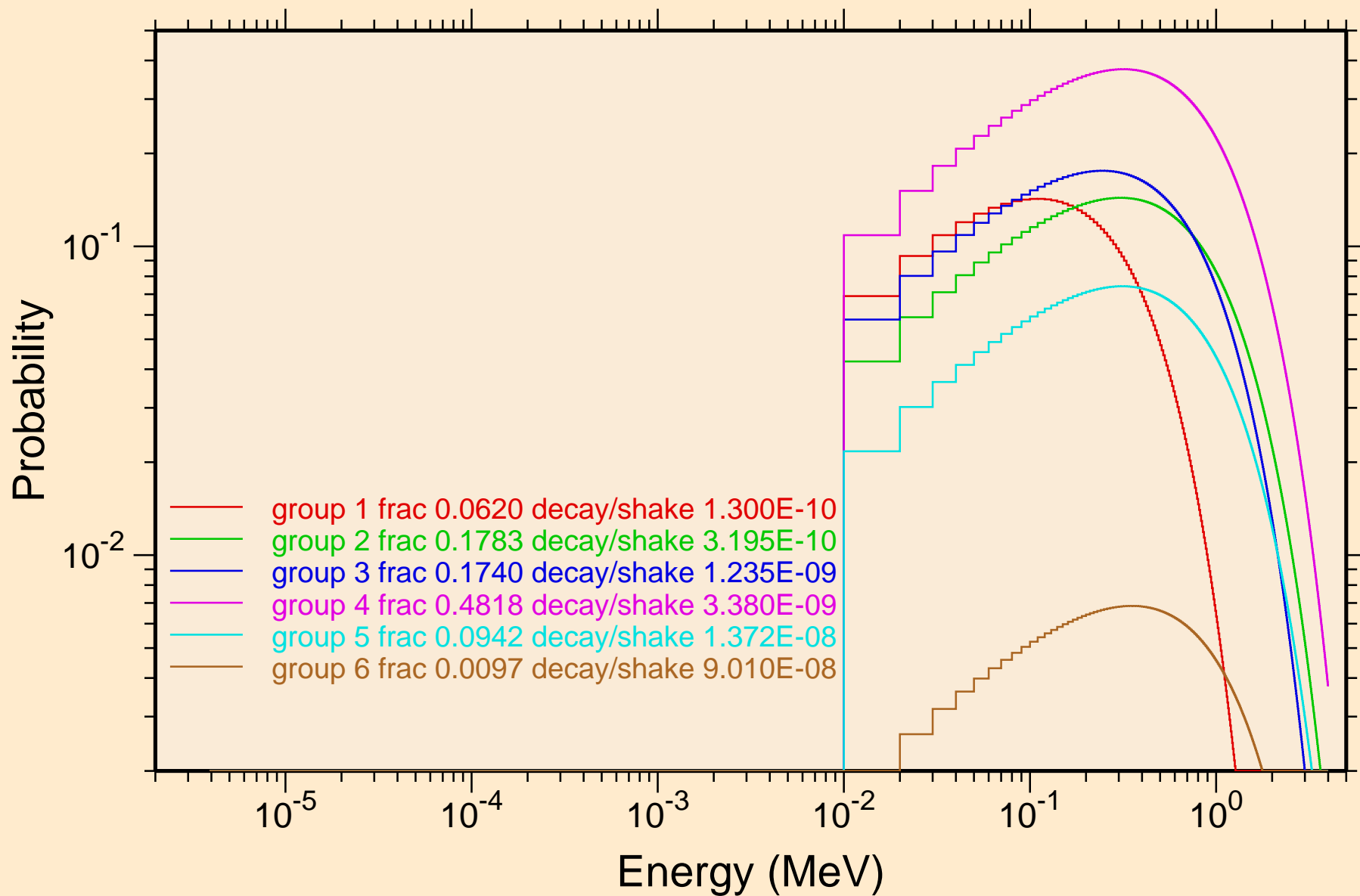
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Delayed nubar

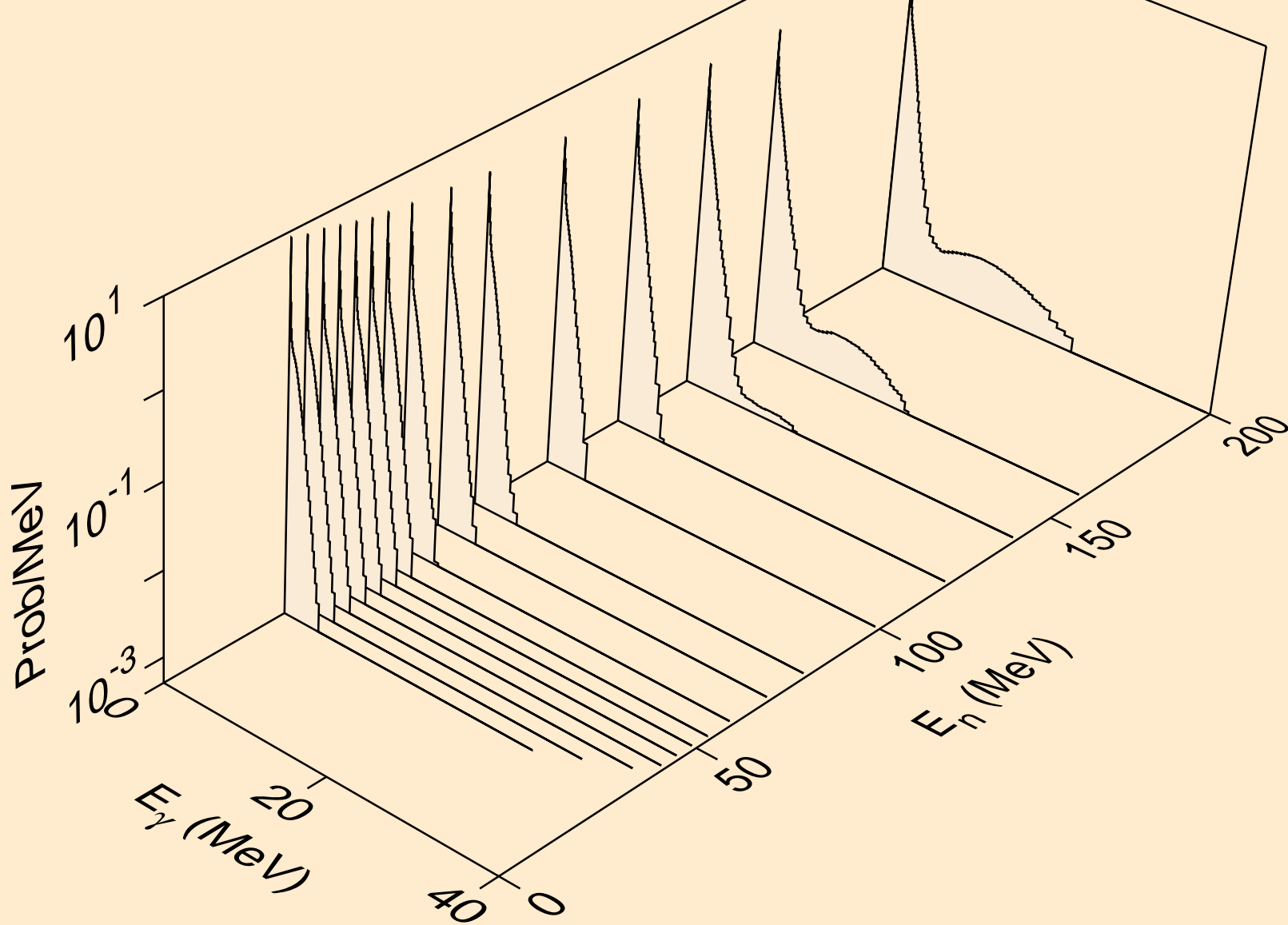


# FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

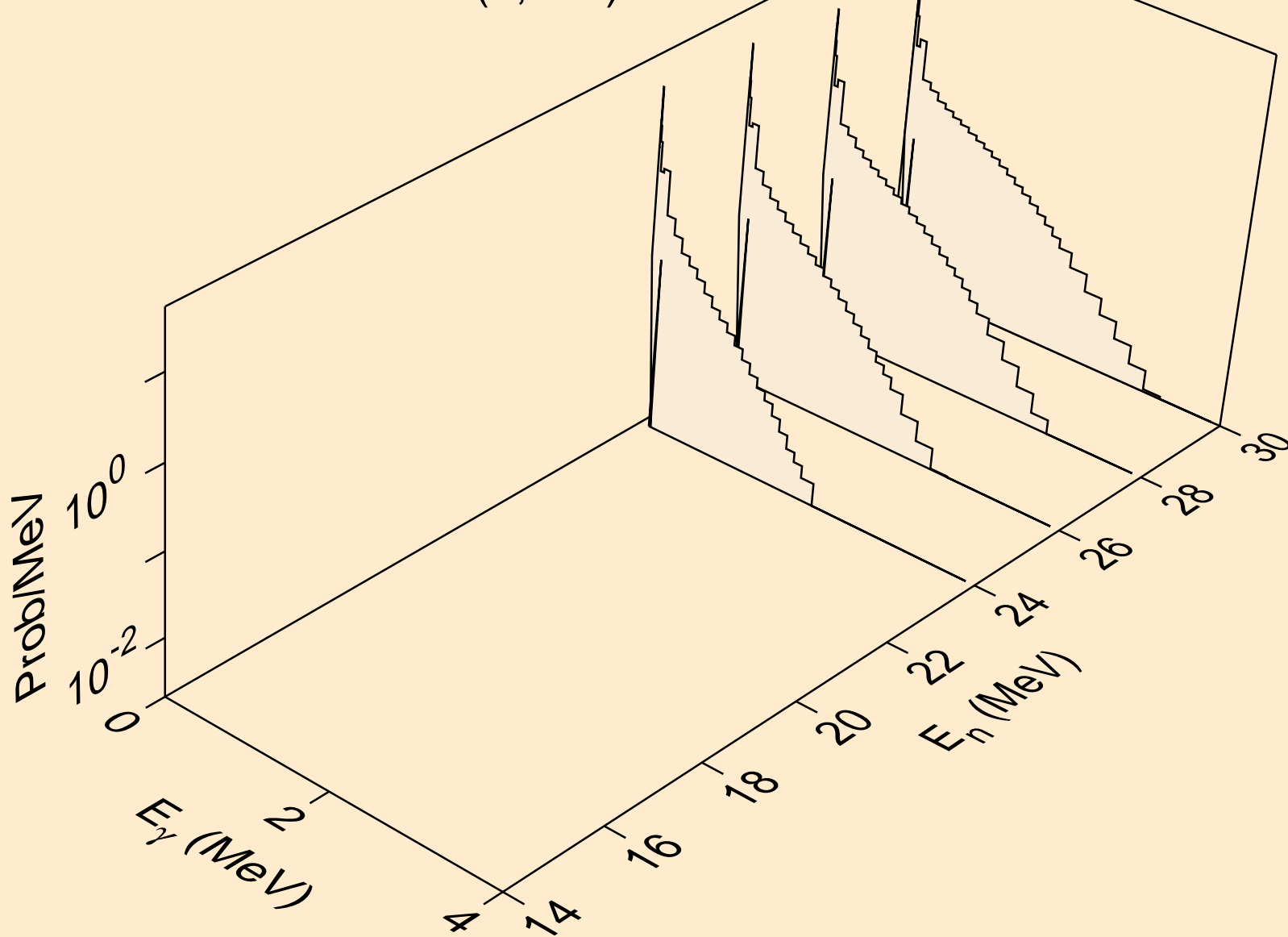
## Delayed neutron spectra



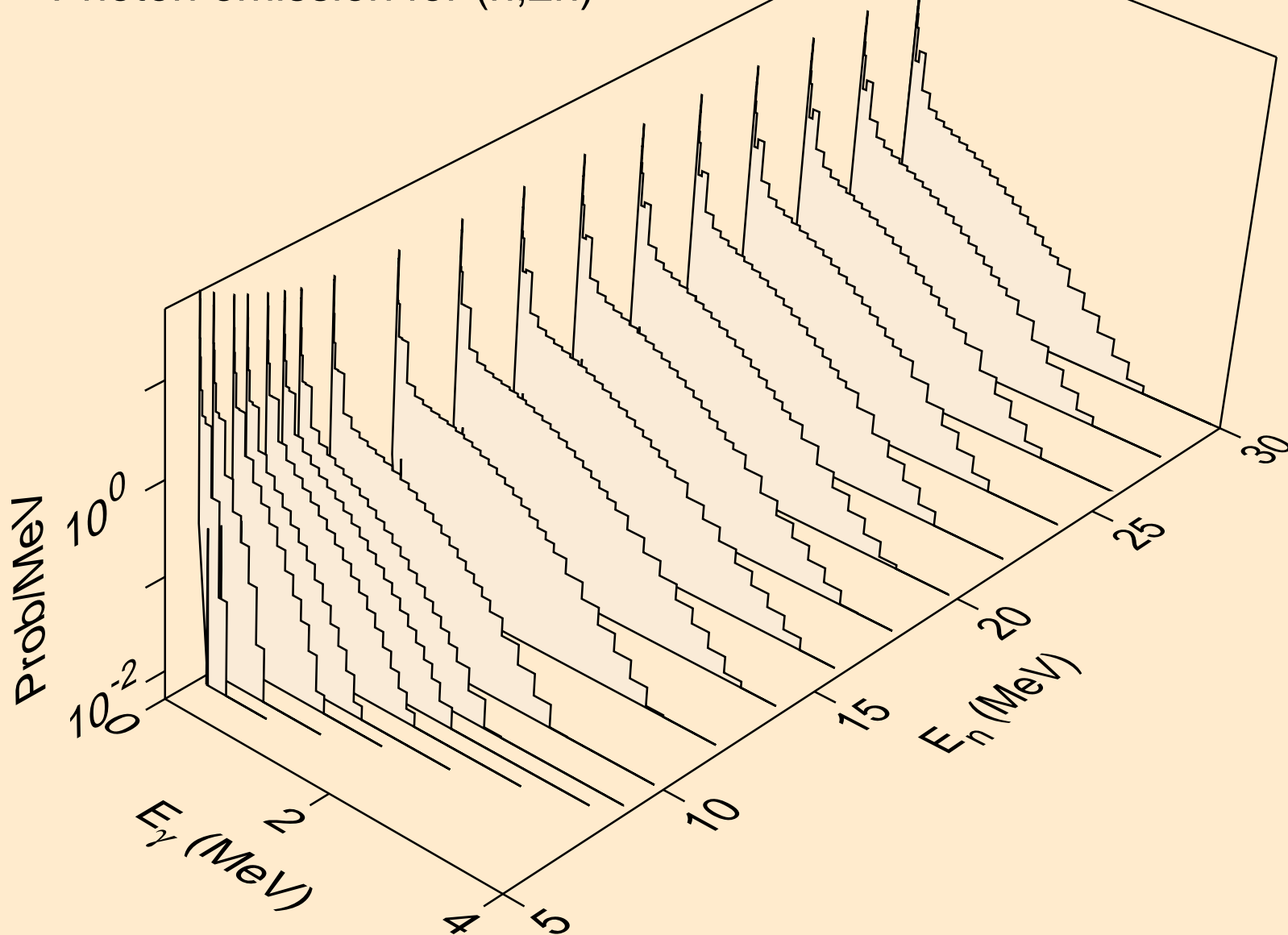
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Photon emission for (n,x)



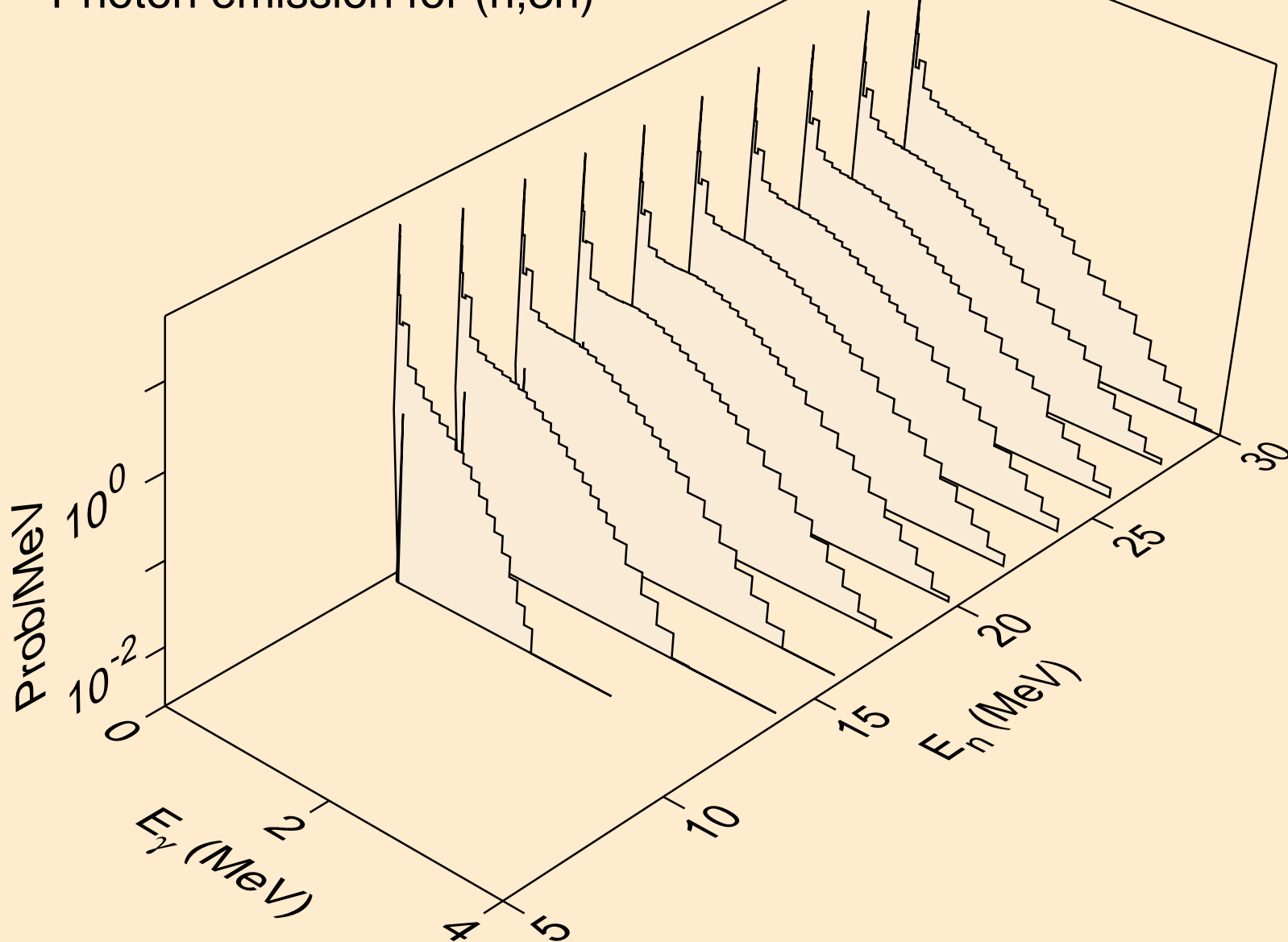
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)

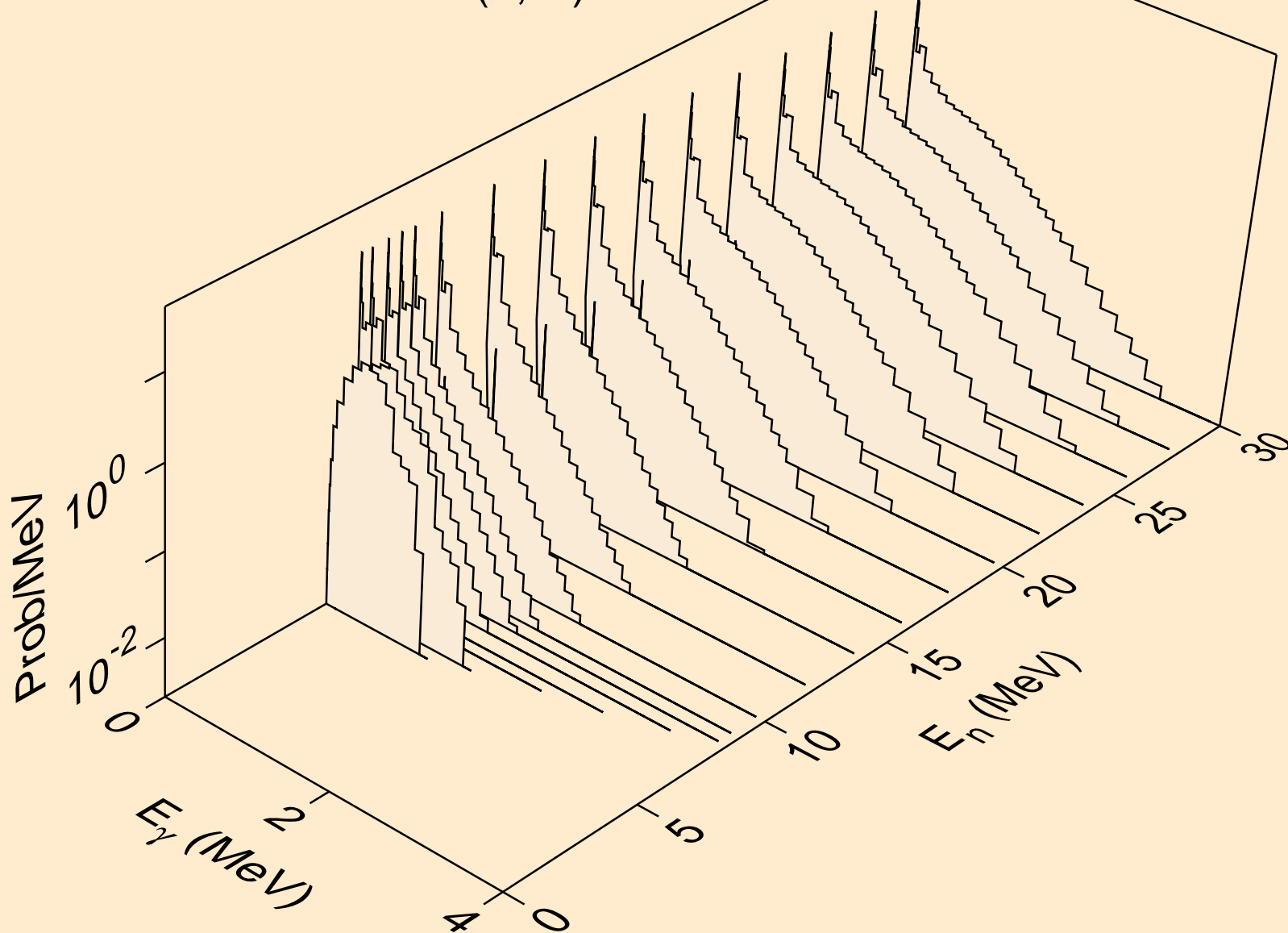


FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)

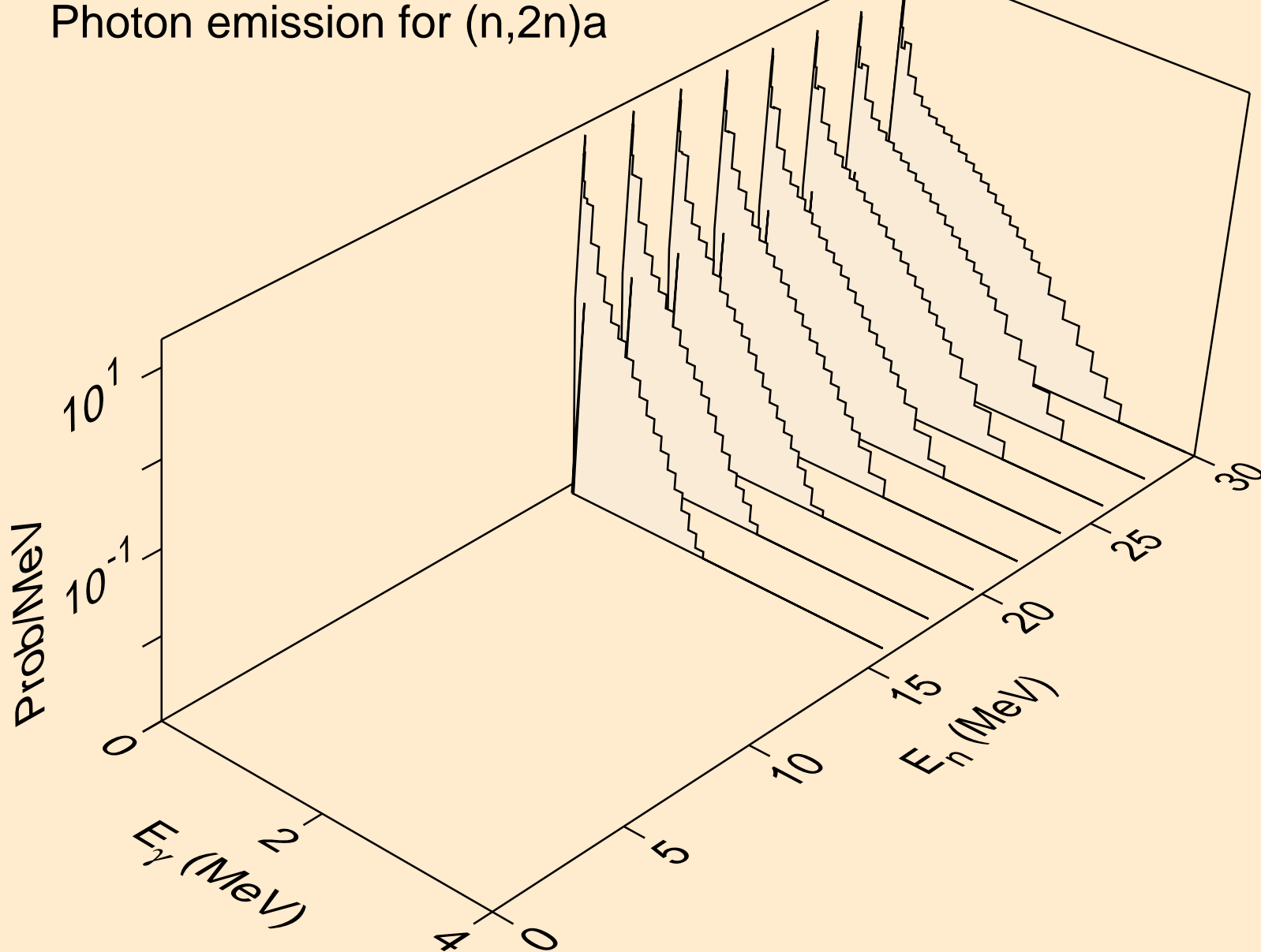




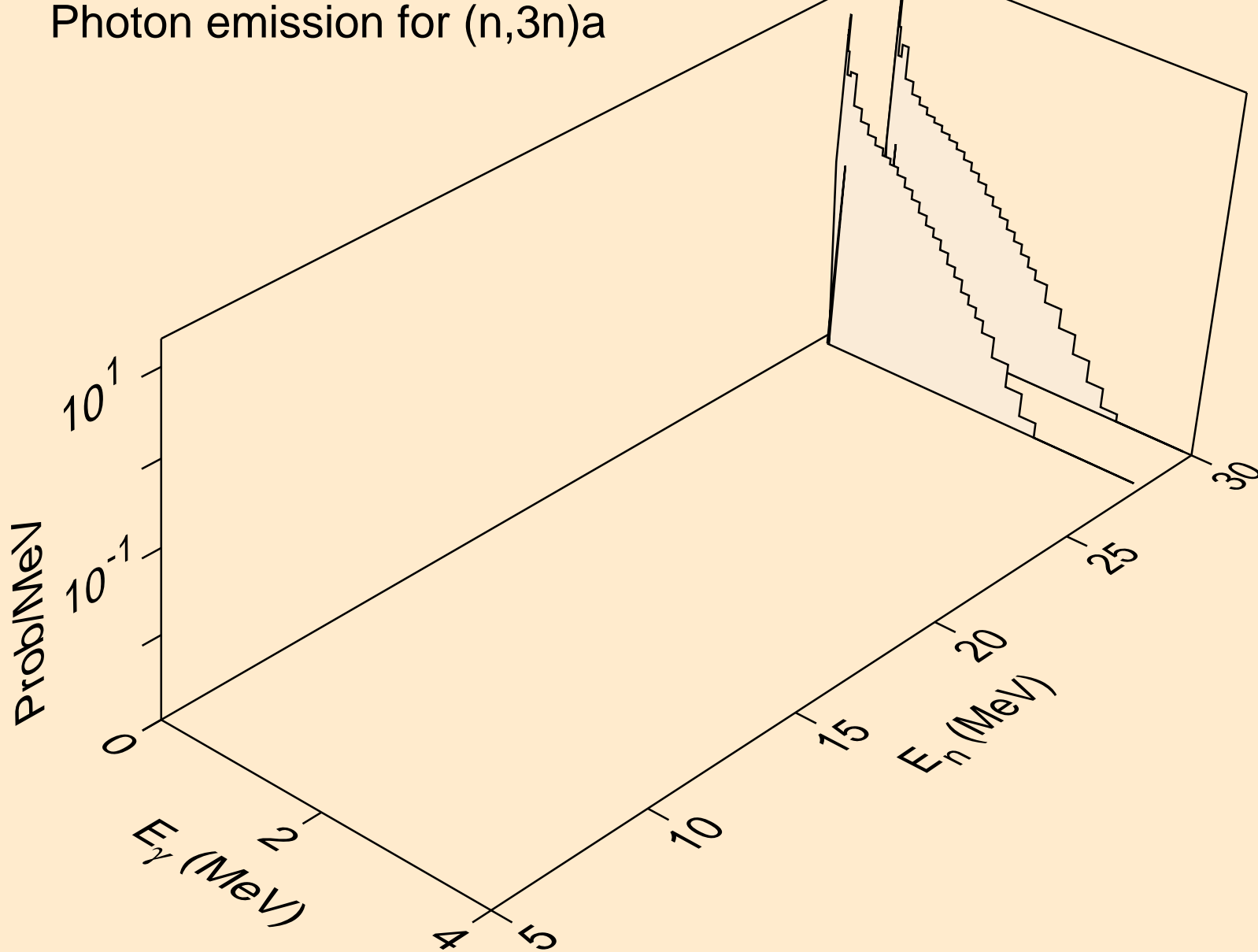
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Photon emission for (n,n\*)a



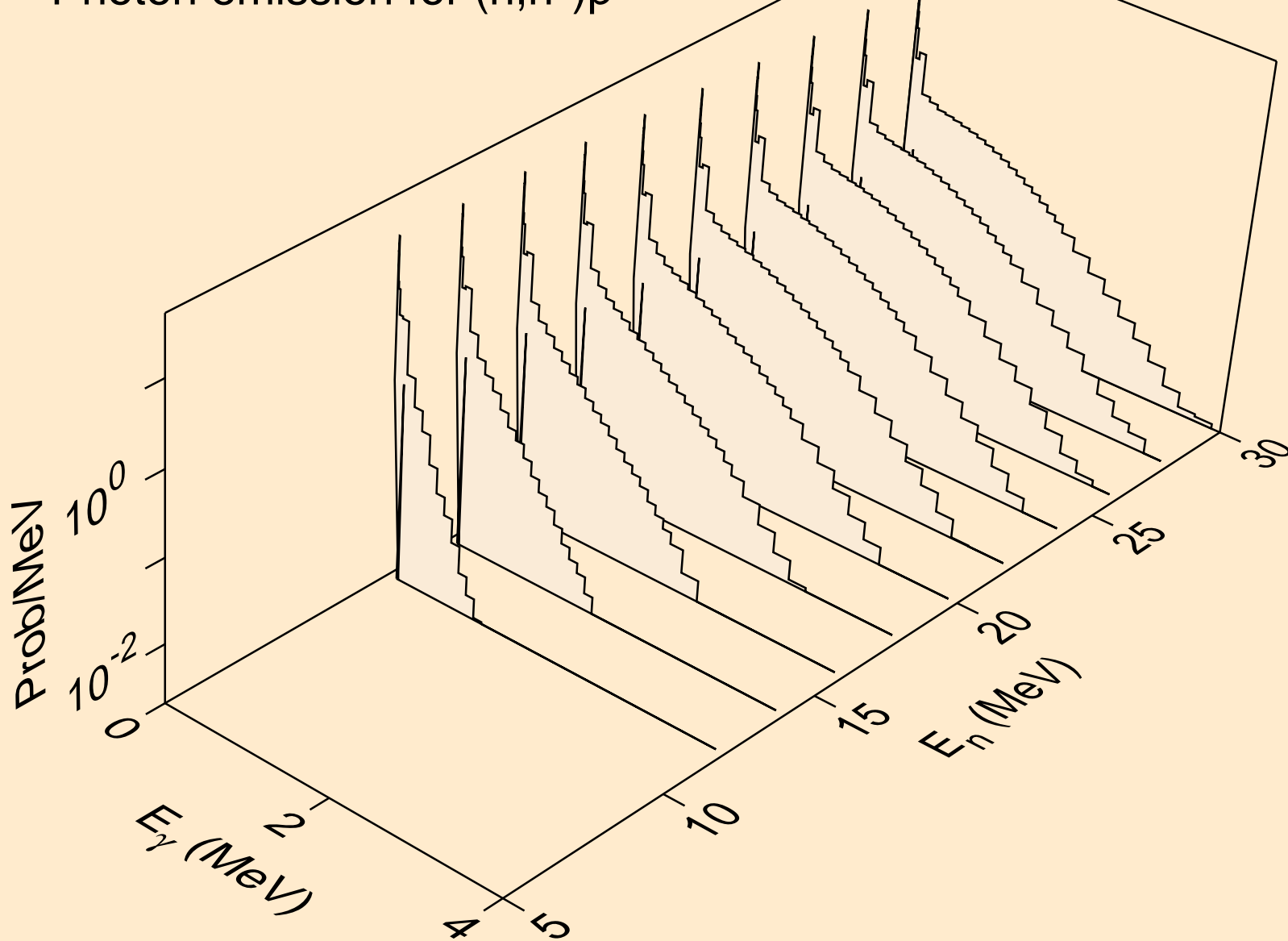
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Photon emission for (n,2n)a



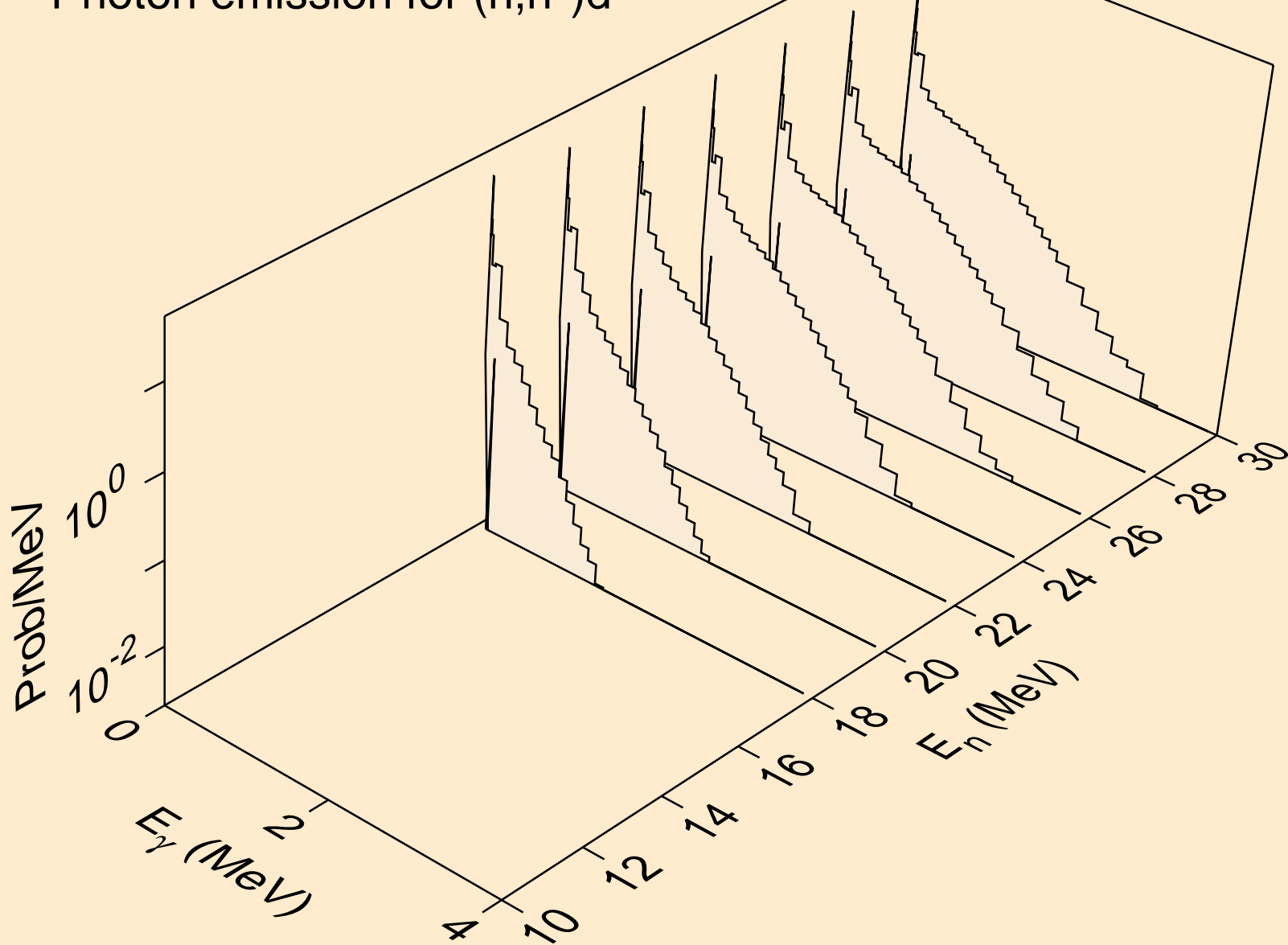
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Photon emission for (n,3n)a



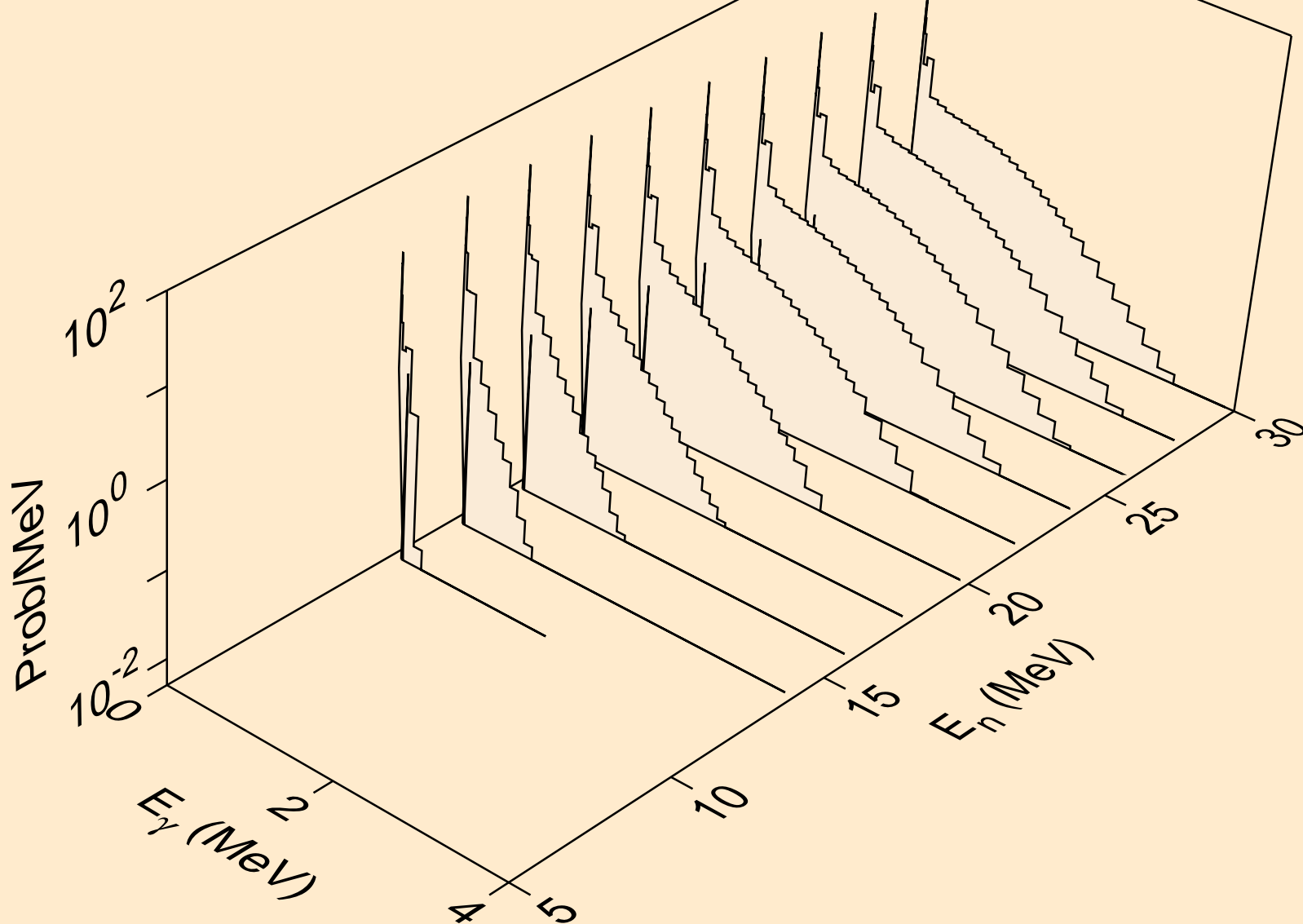
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Photon emission for (n,n\*)p



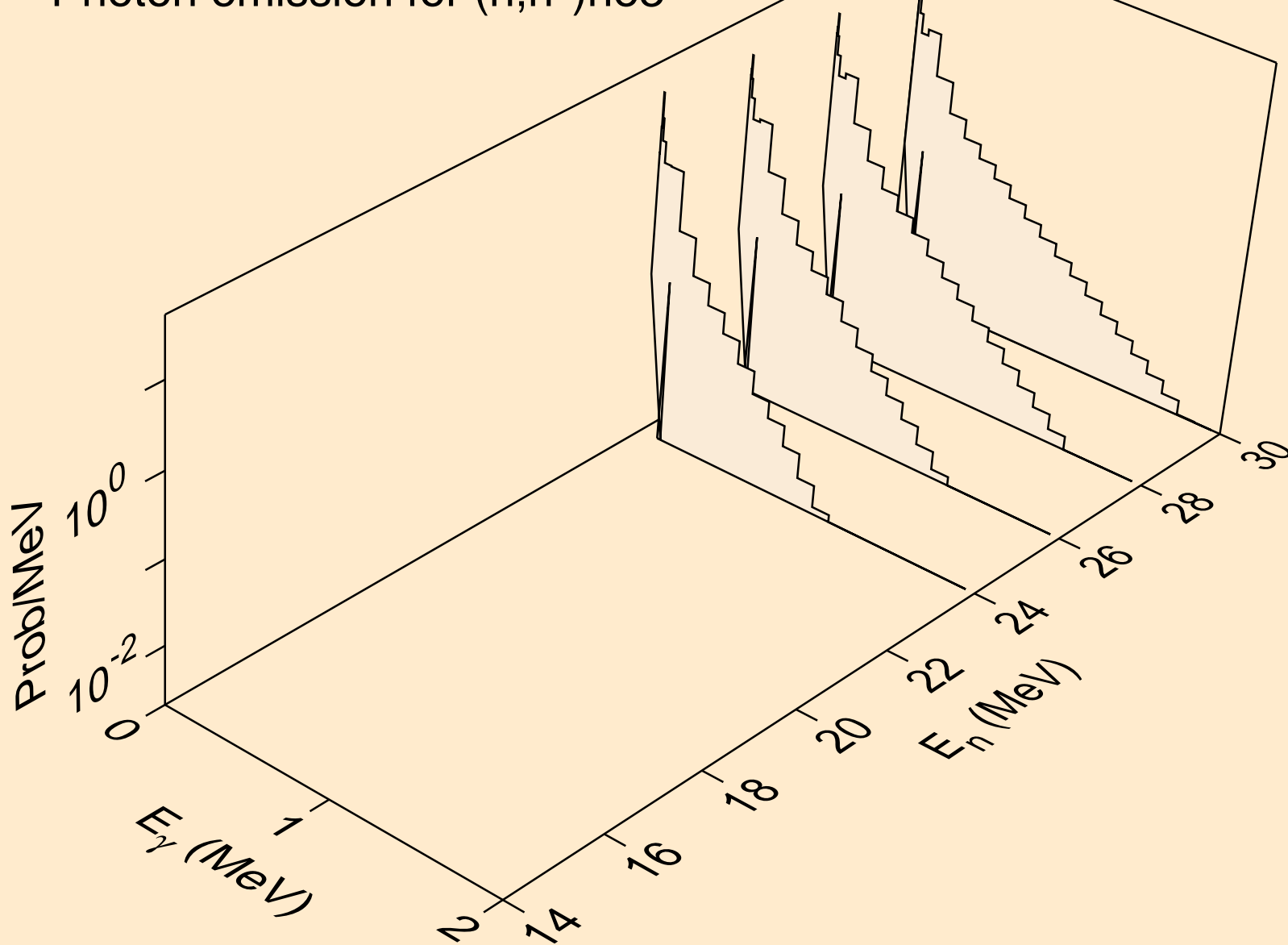
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Photon emission for (n,n\*)d



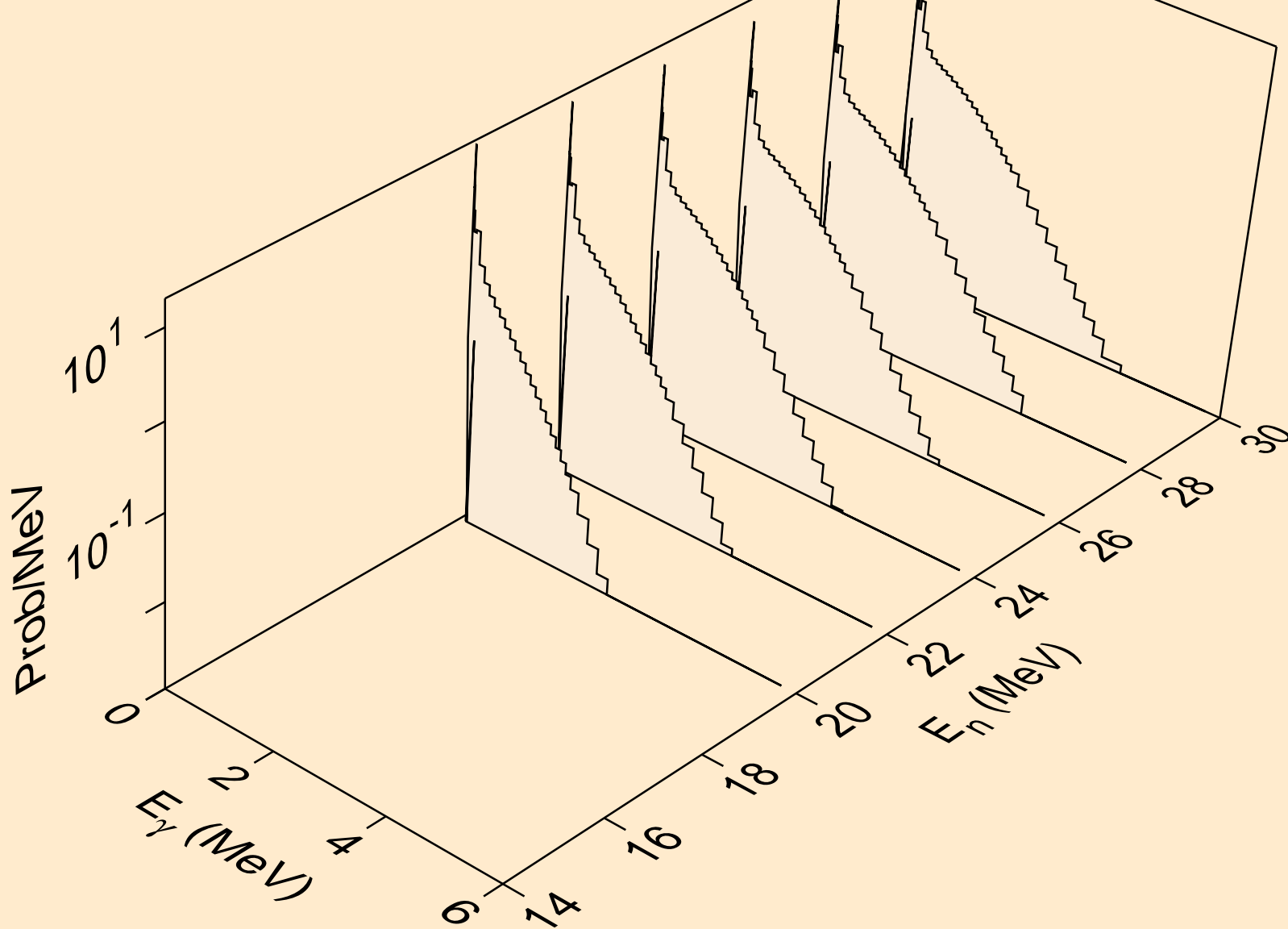
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

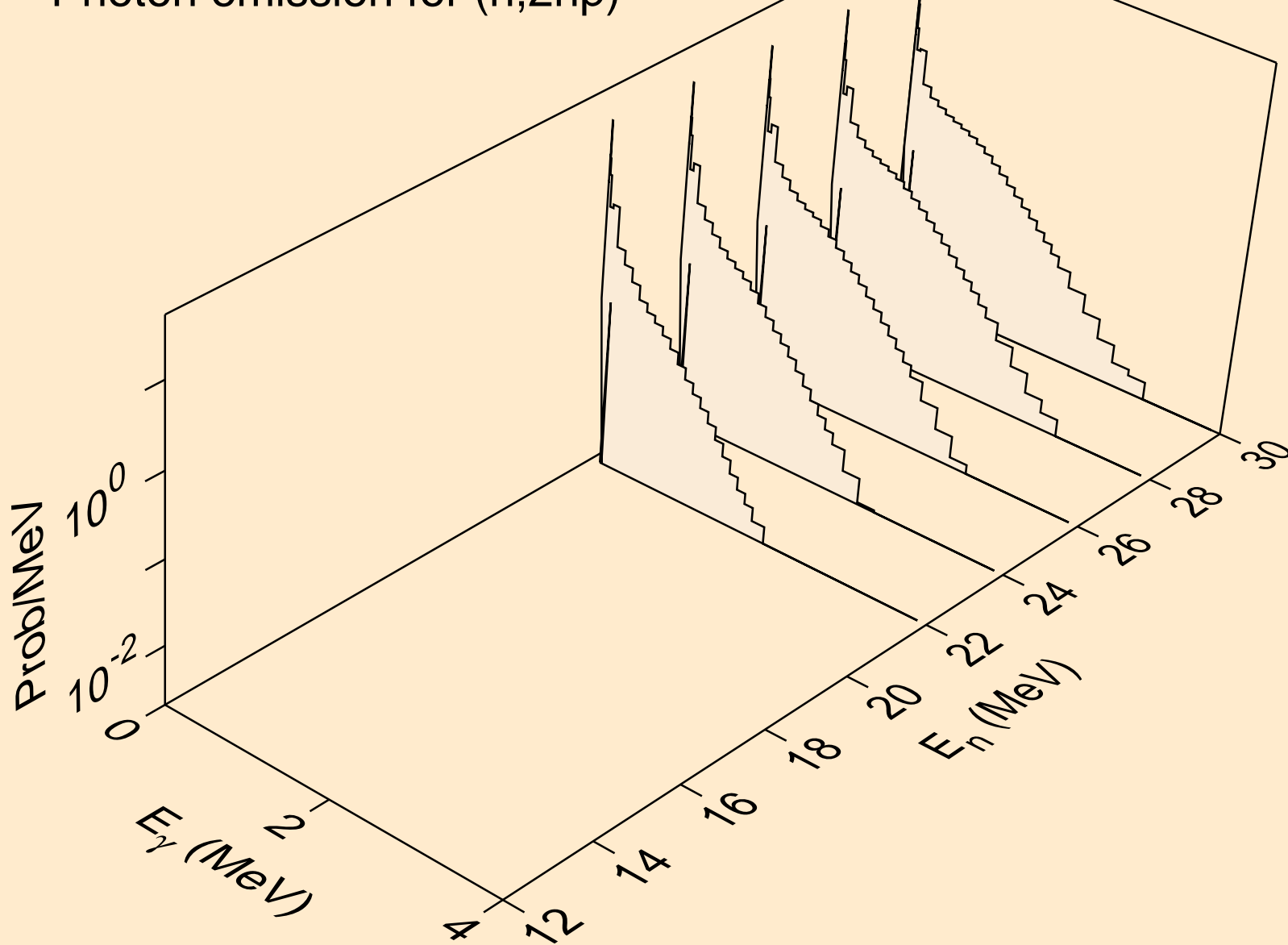


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Photon emission for (n,4n)

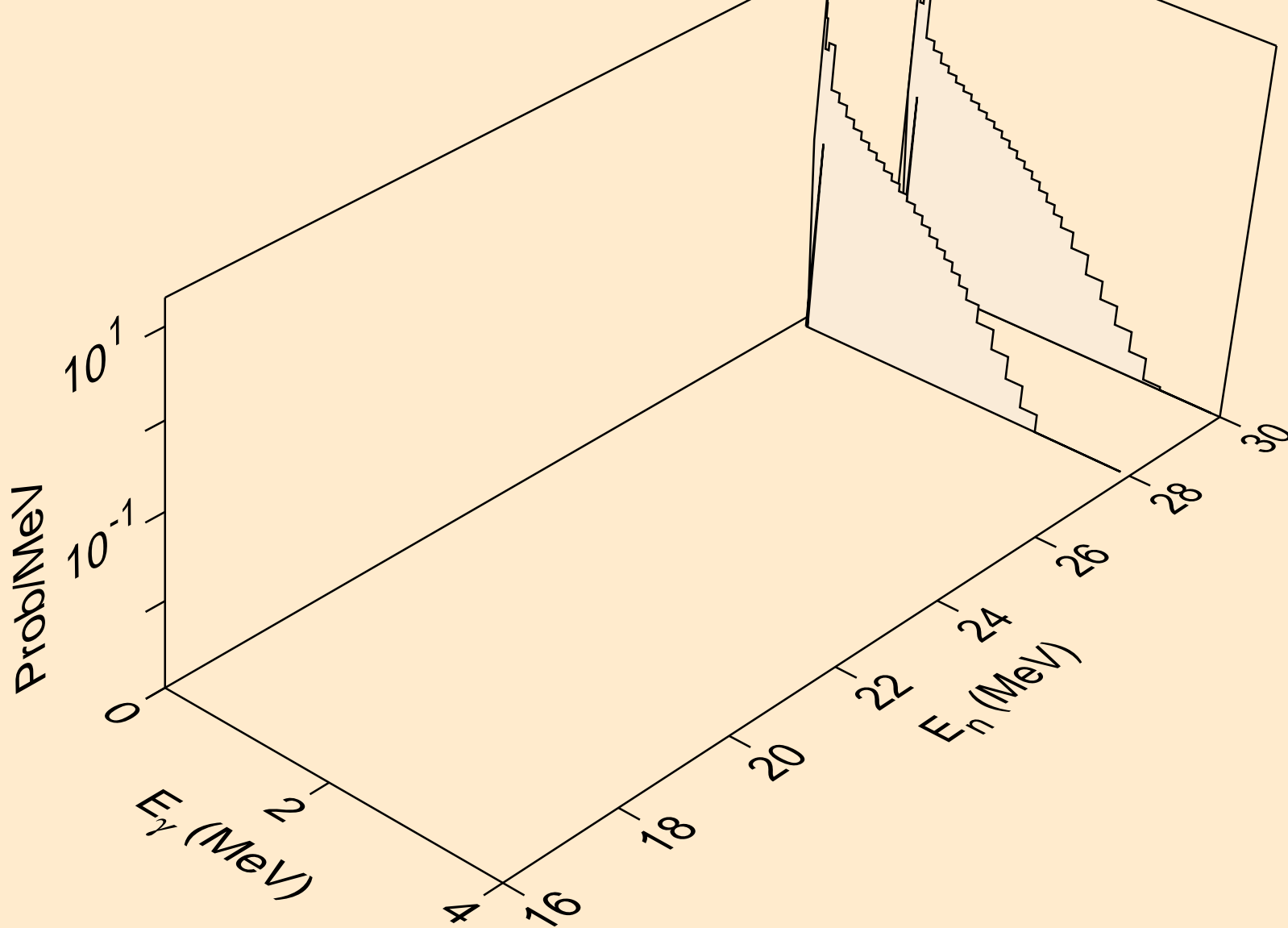




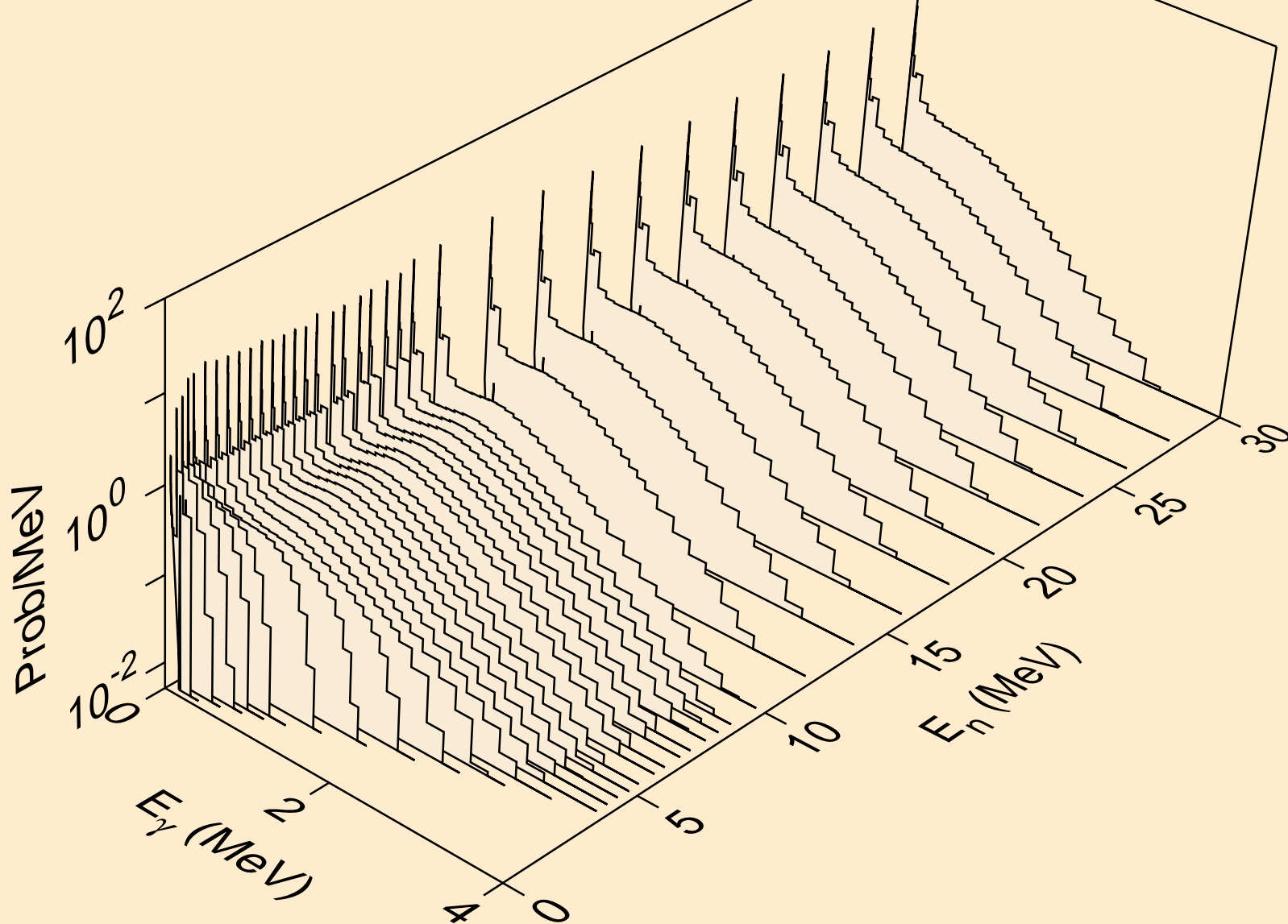
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Photon emission for (n,2np)



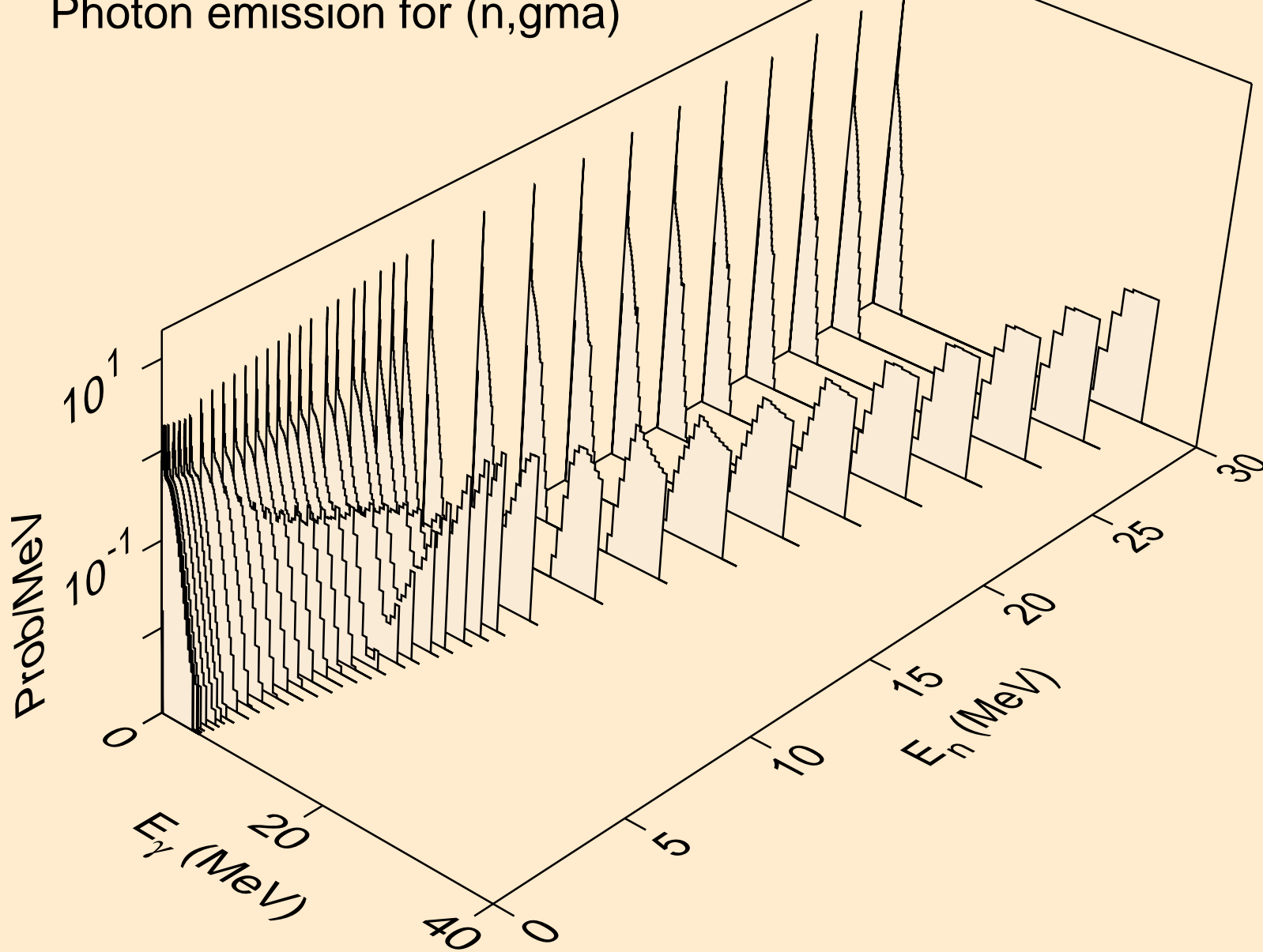
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Photon emission for (n,3np)



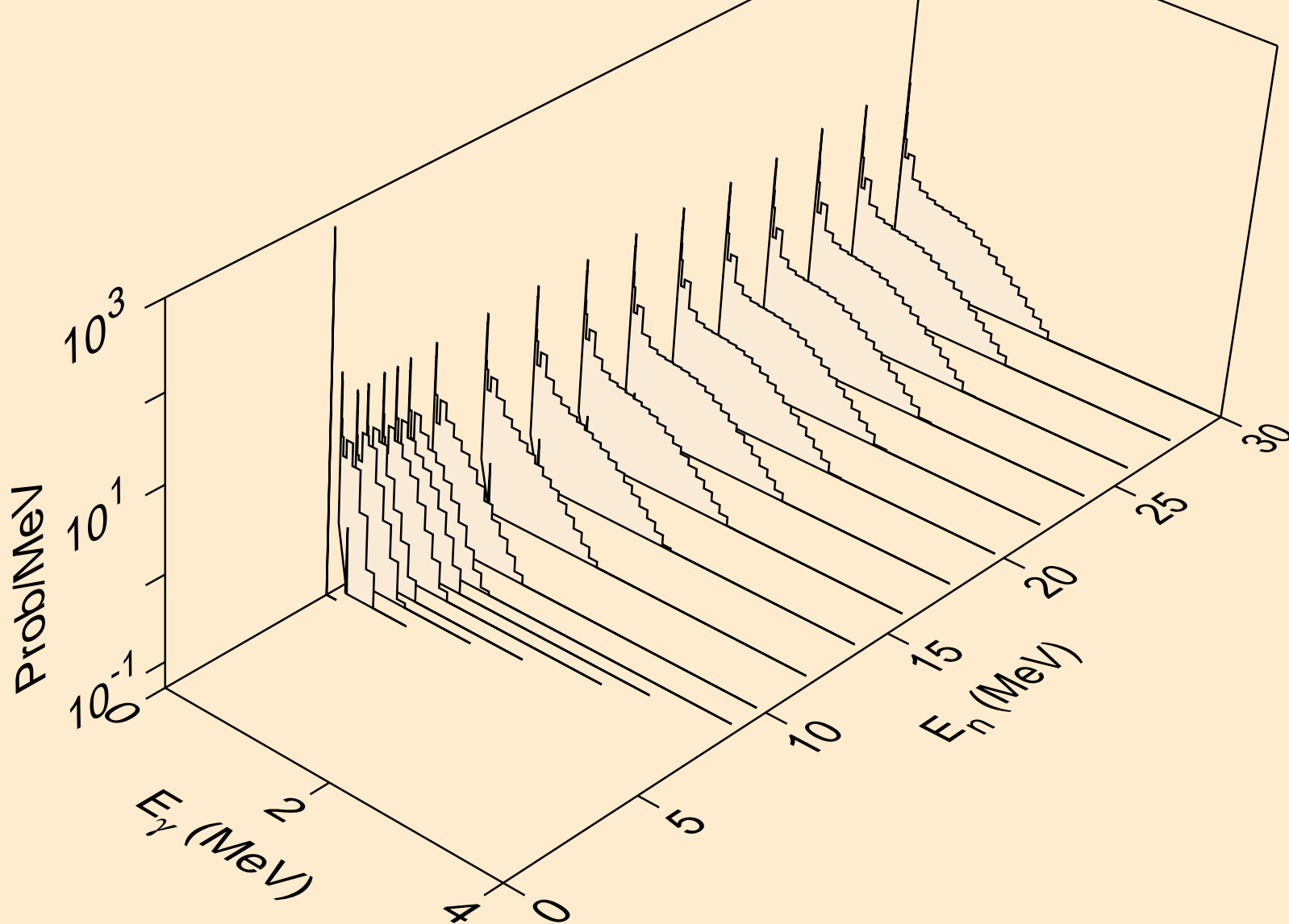
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Photon emission for (n,n\*c)



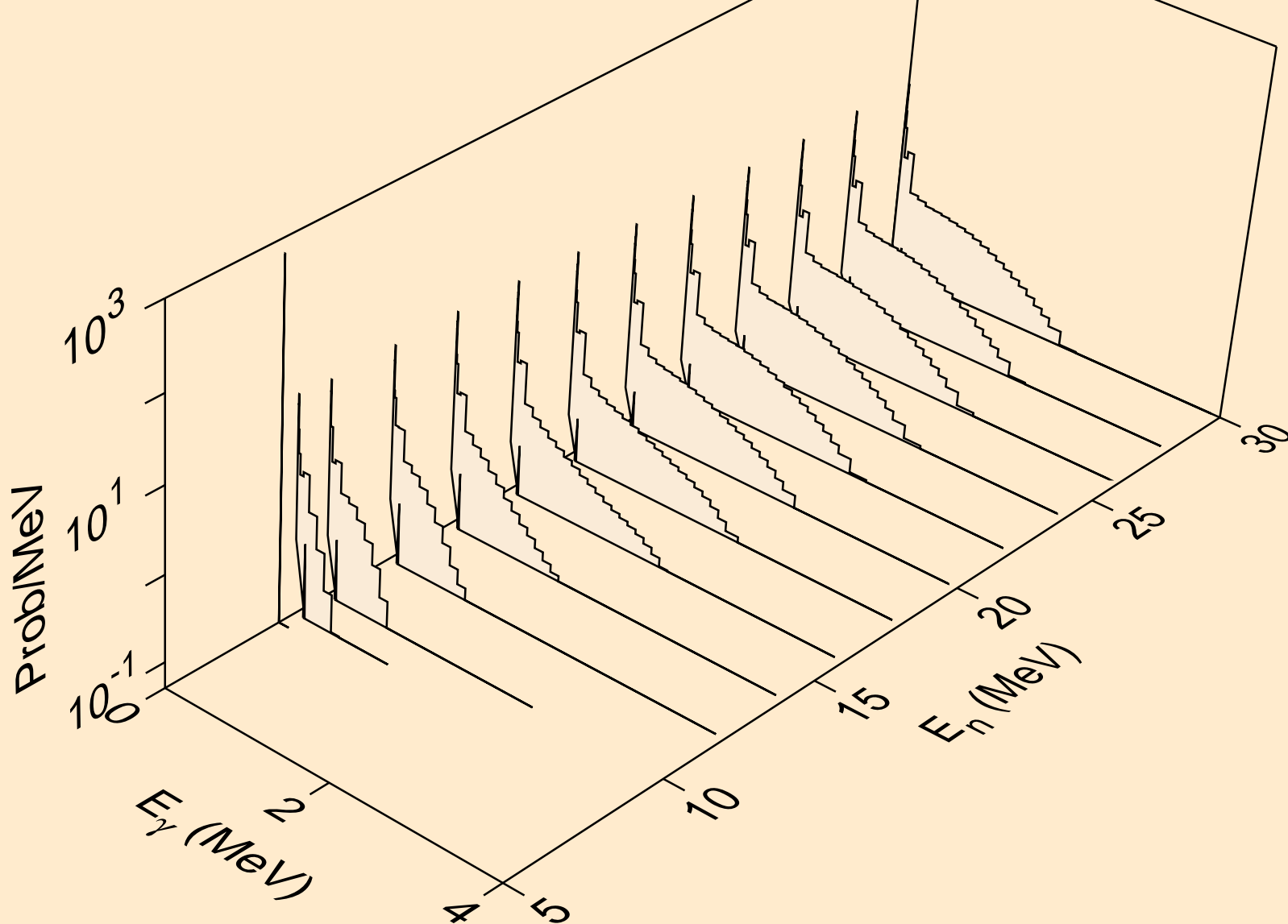
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Photon emission for (n,gma)



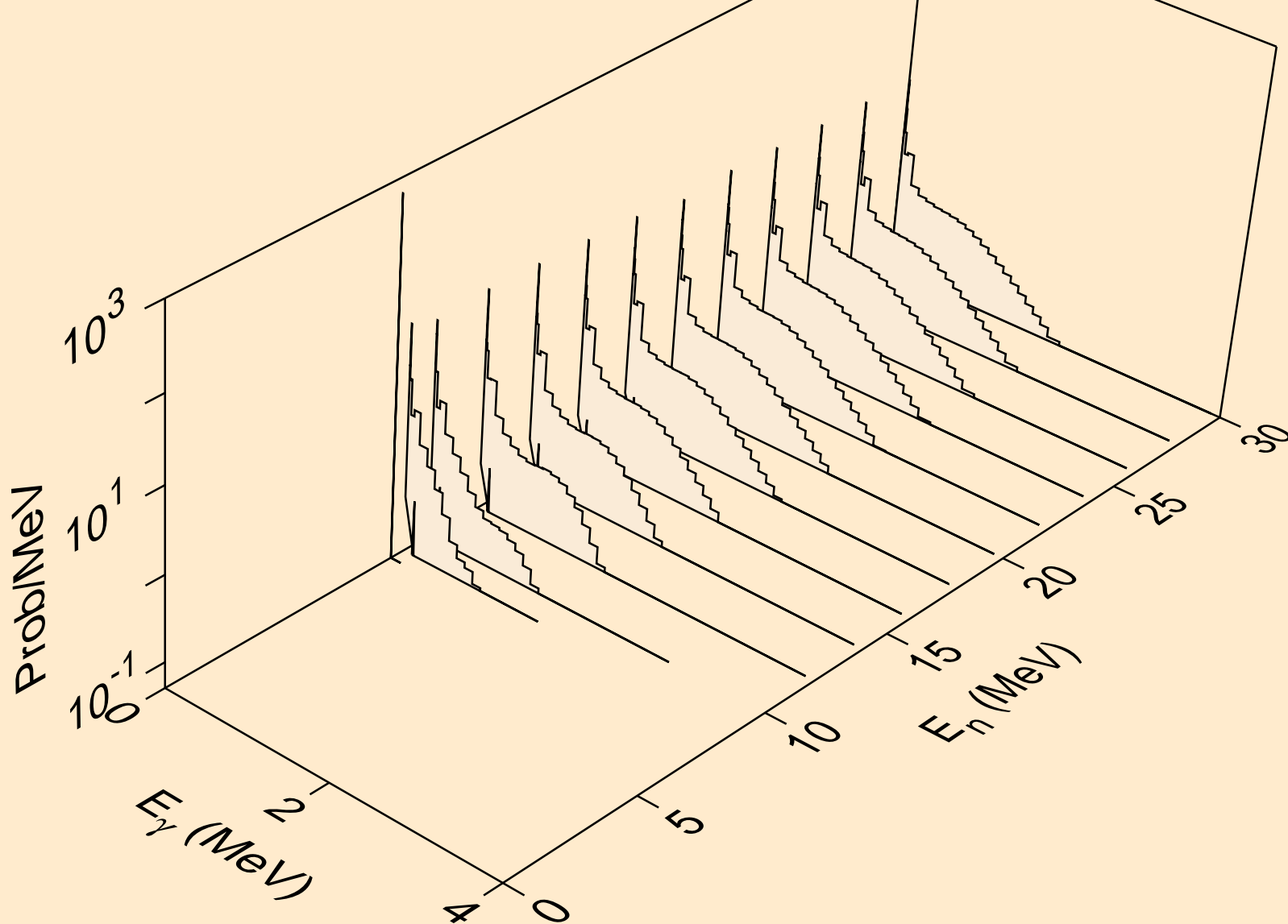
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



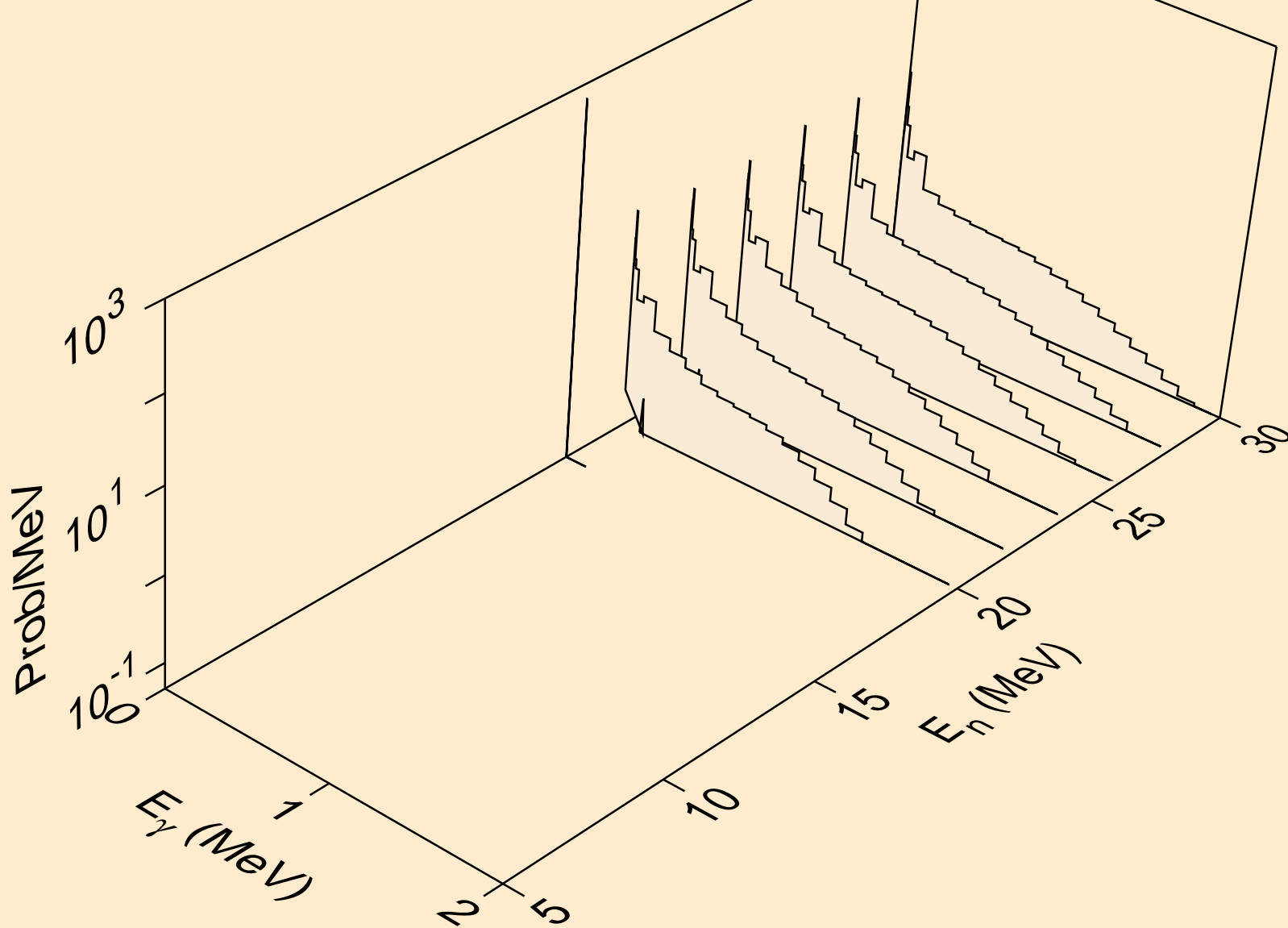
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Photon emission for (n,d)



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

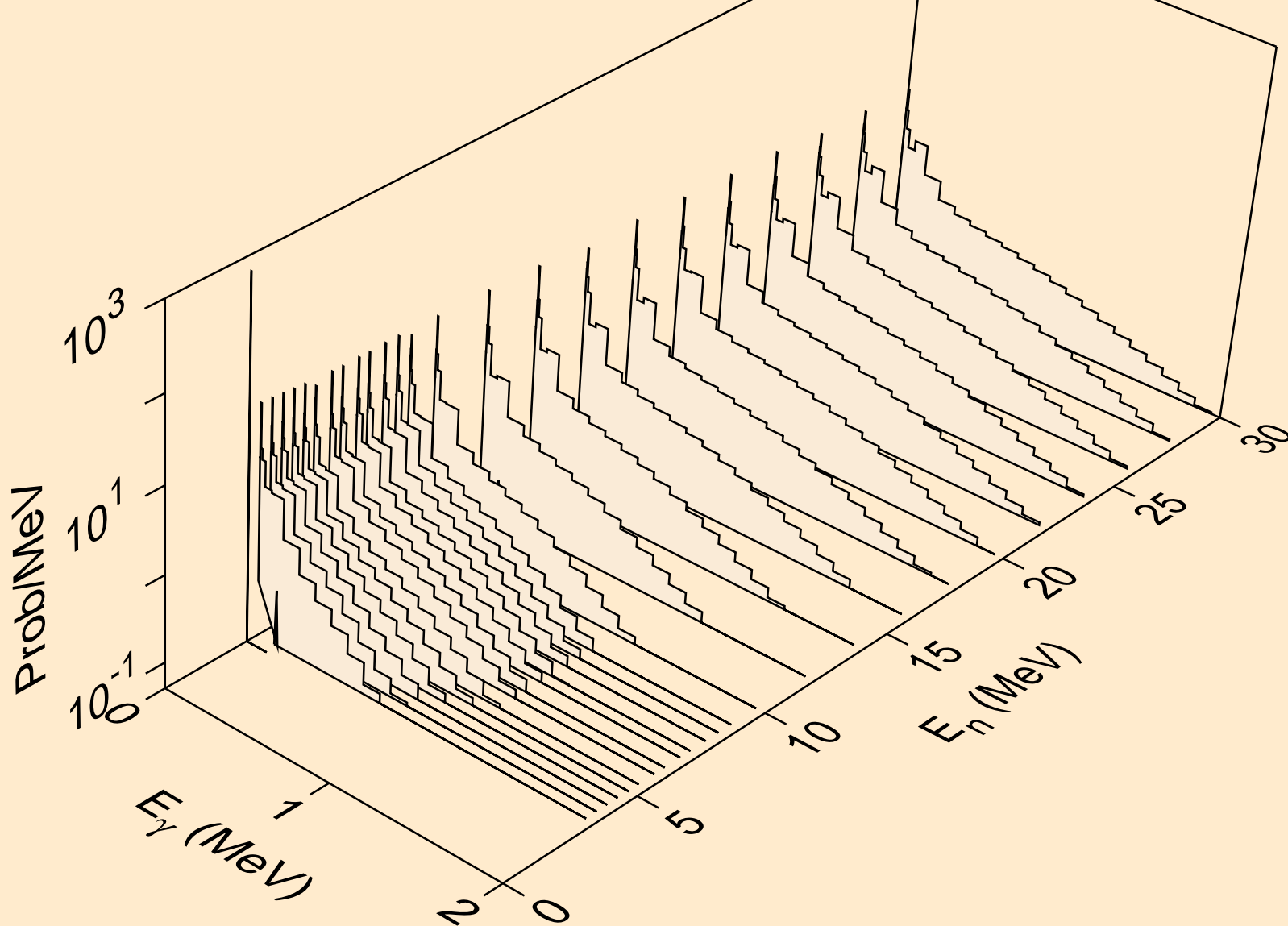


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Photon emission for (n,he3)

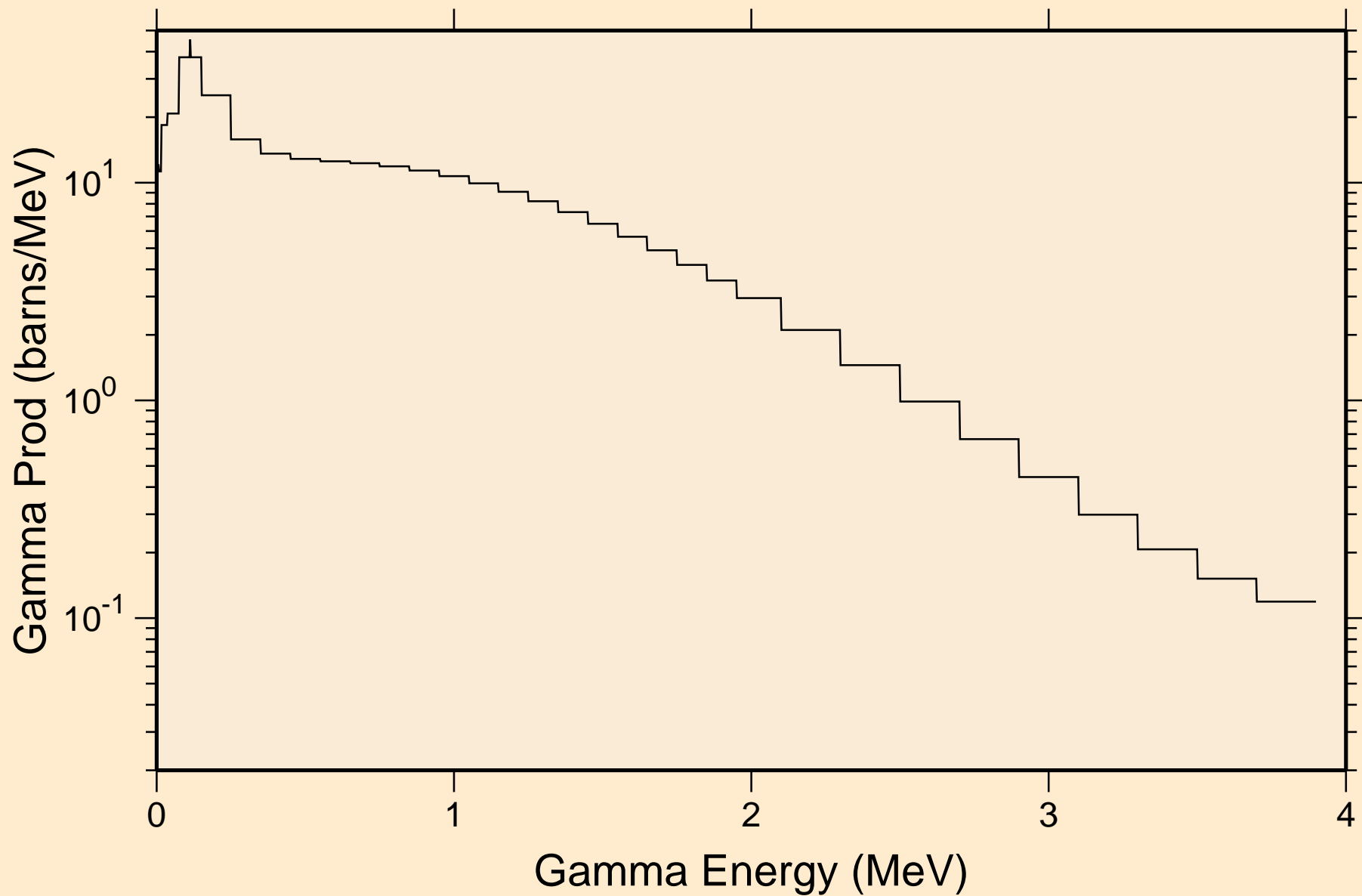




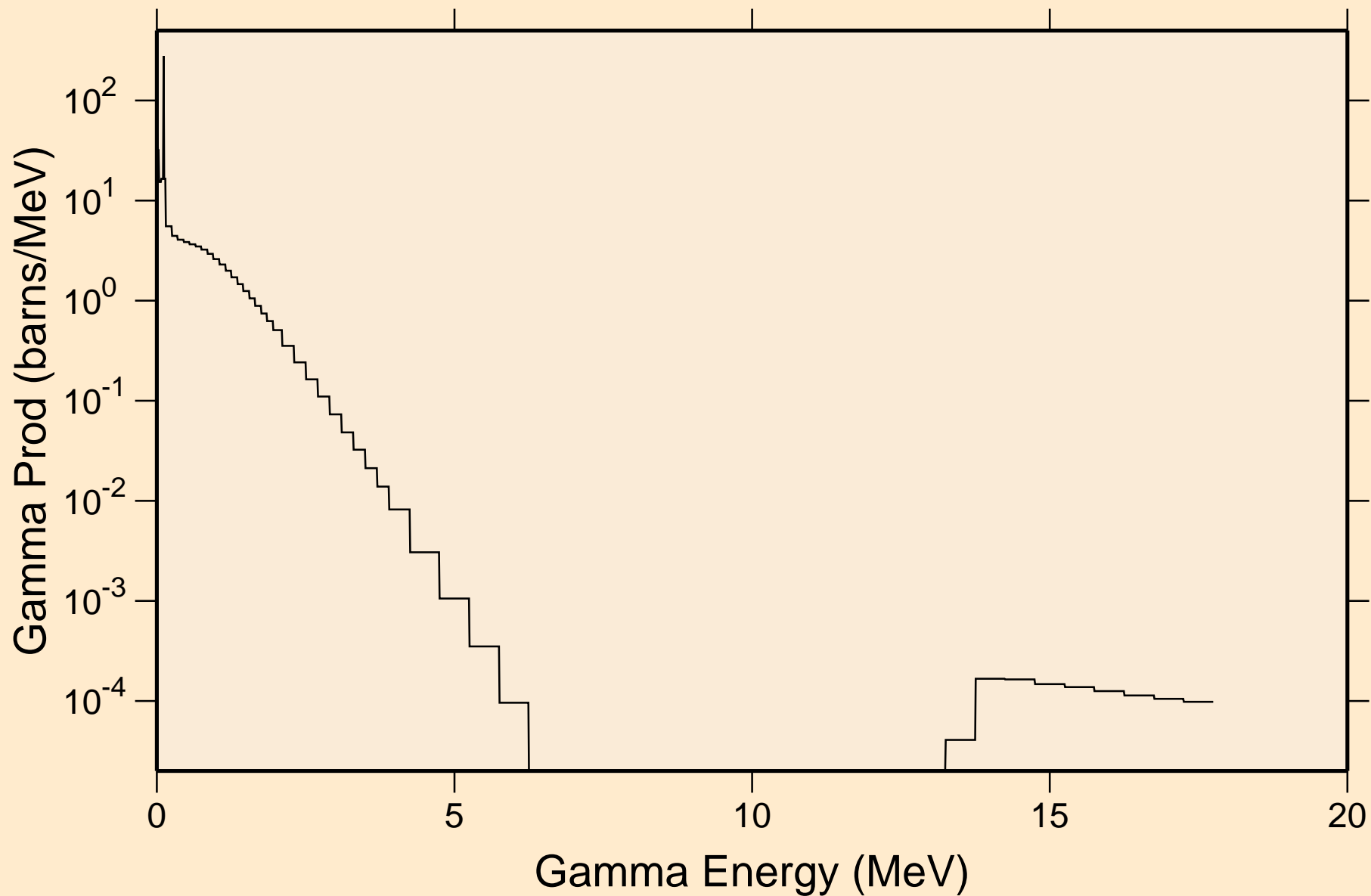
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Photon emission for (n,a)



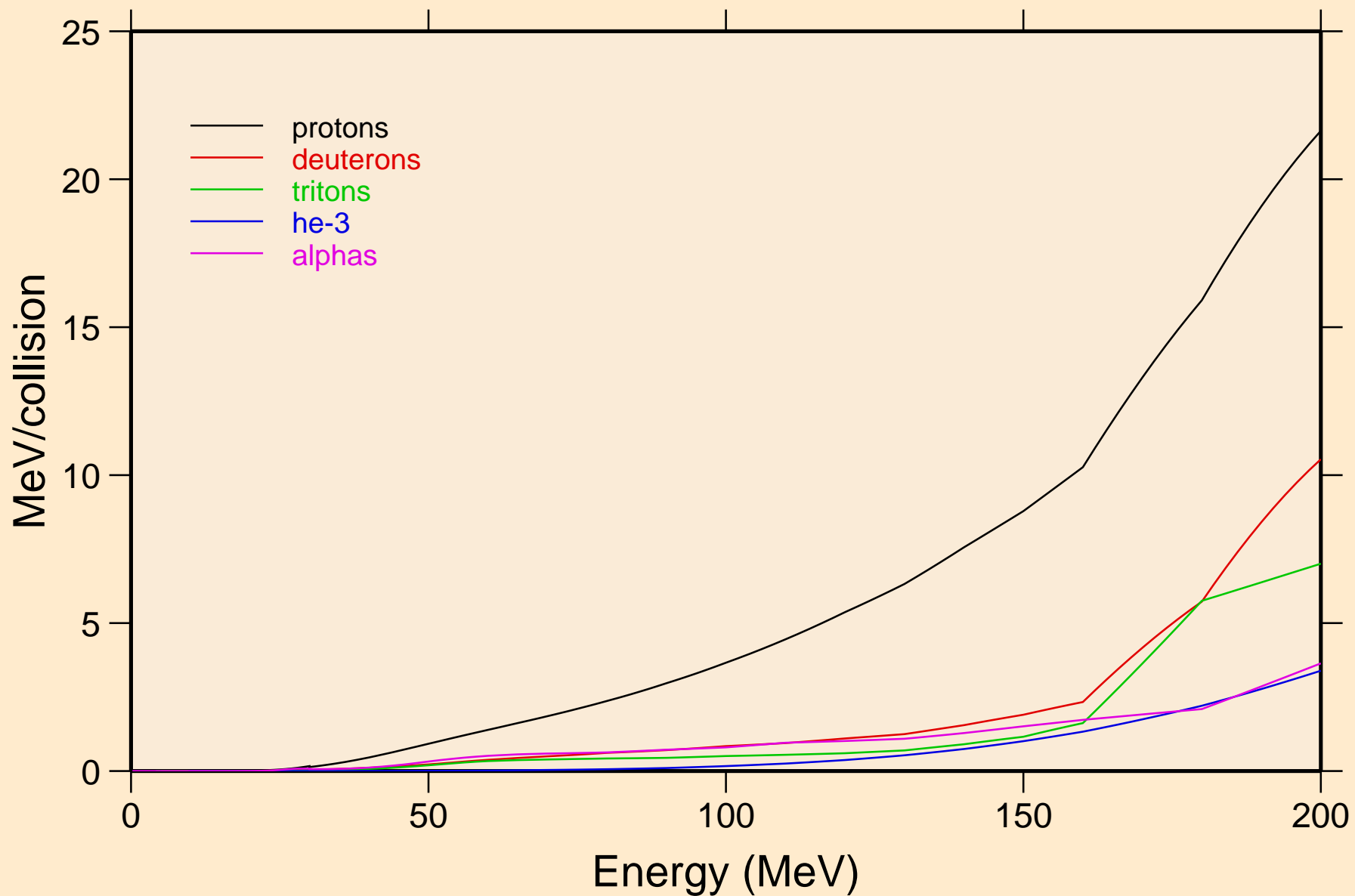
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thermal capture photon spectrum



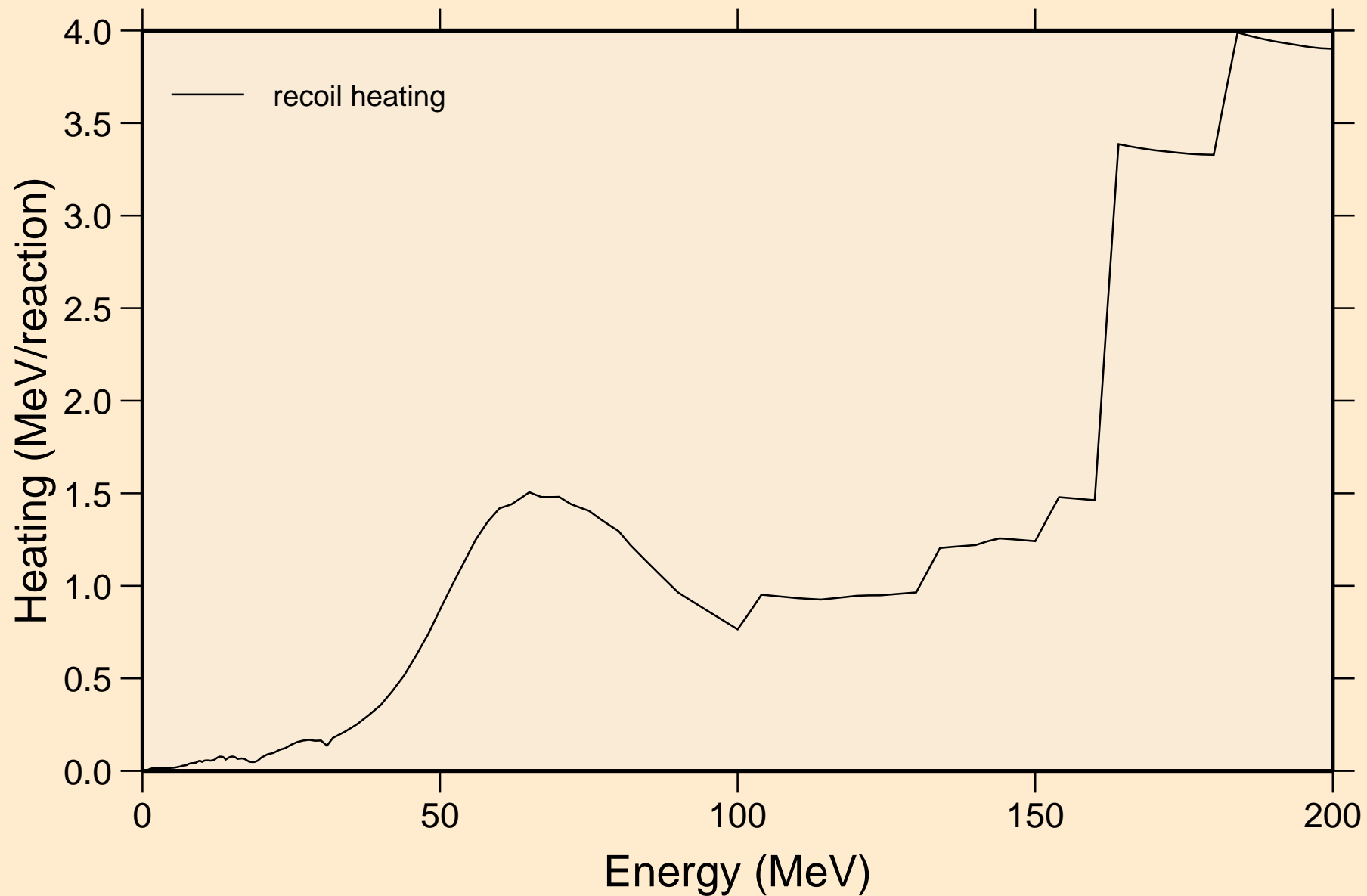
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



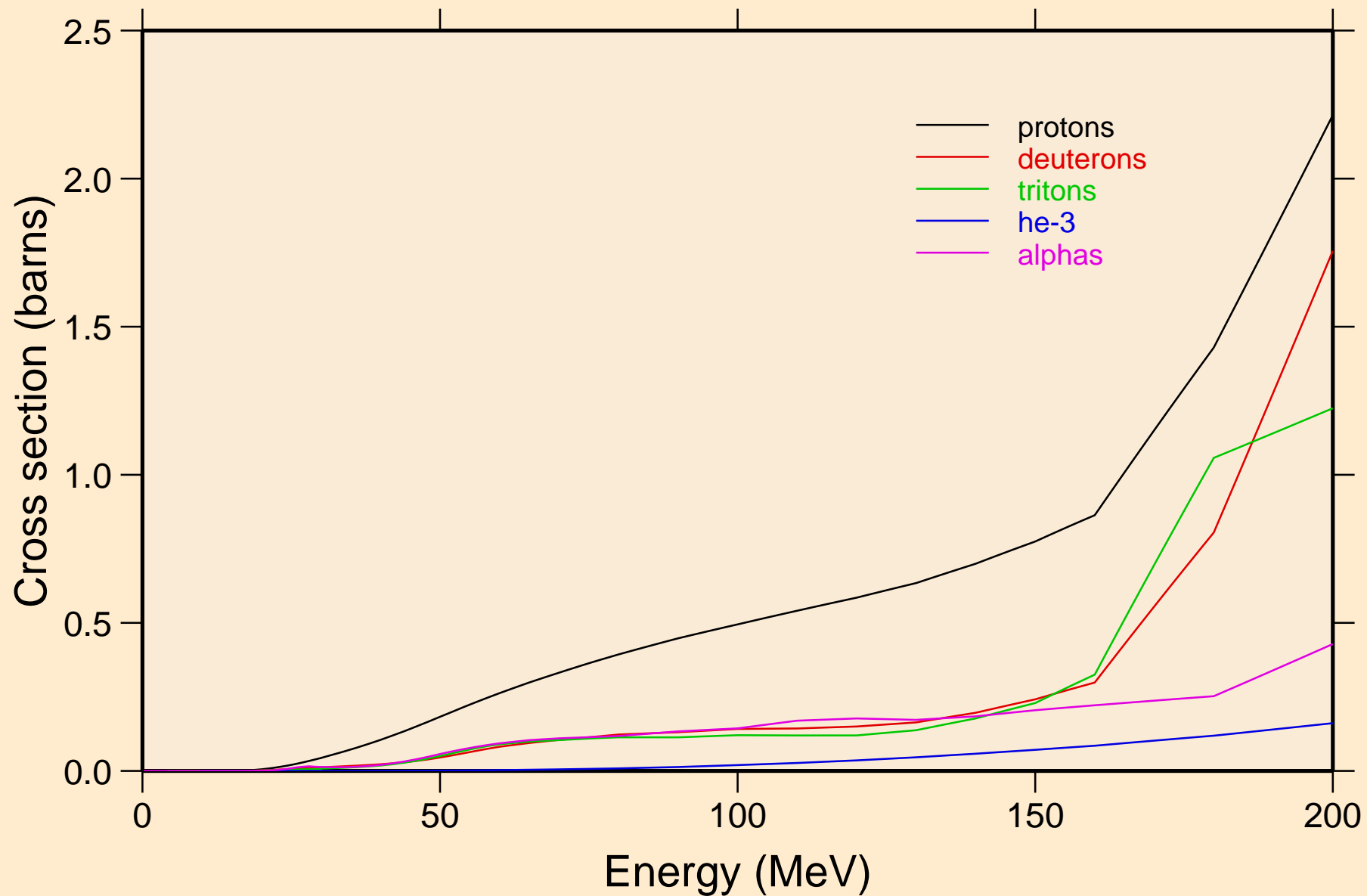
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



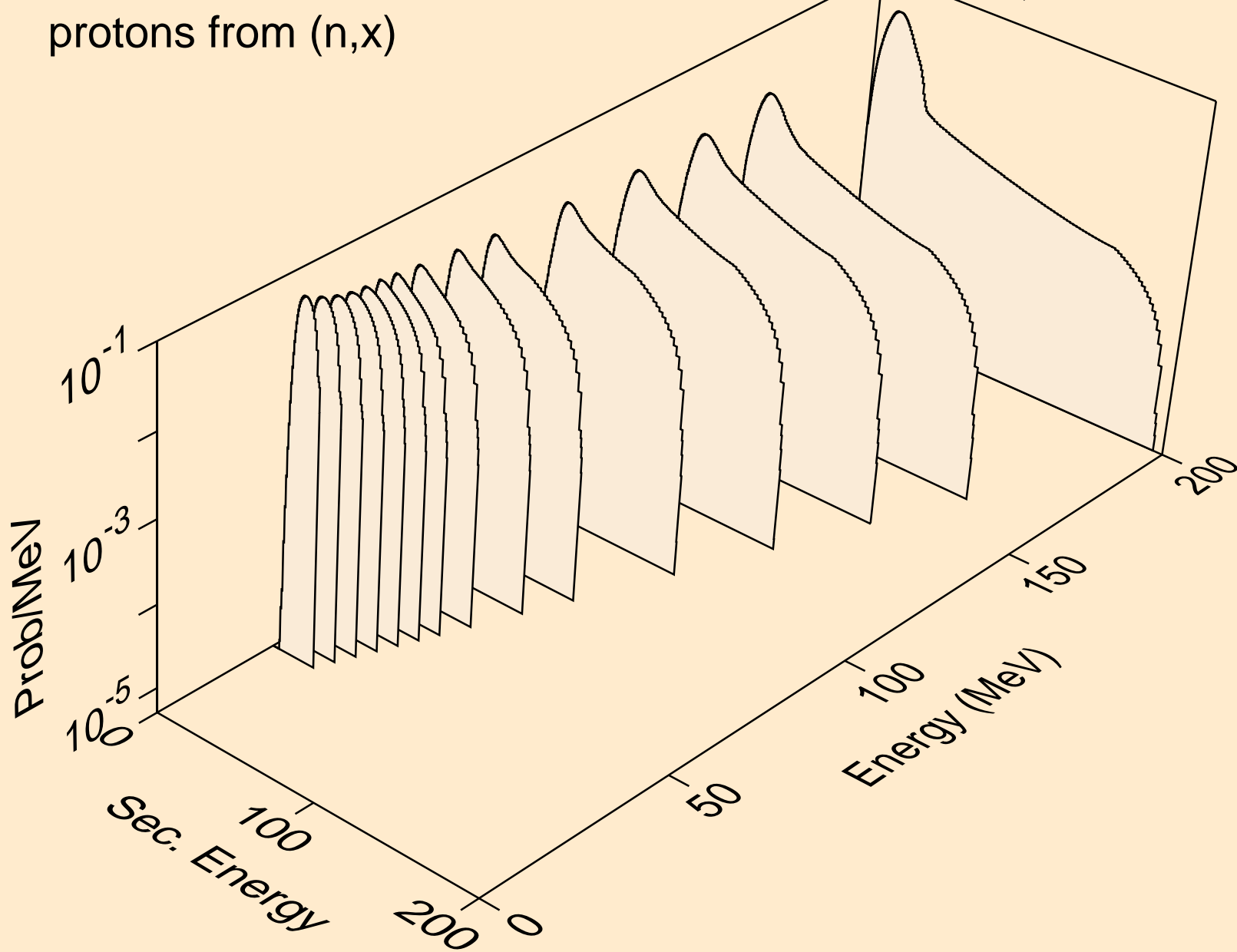
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



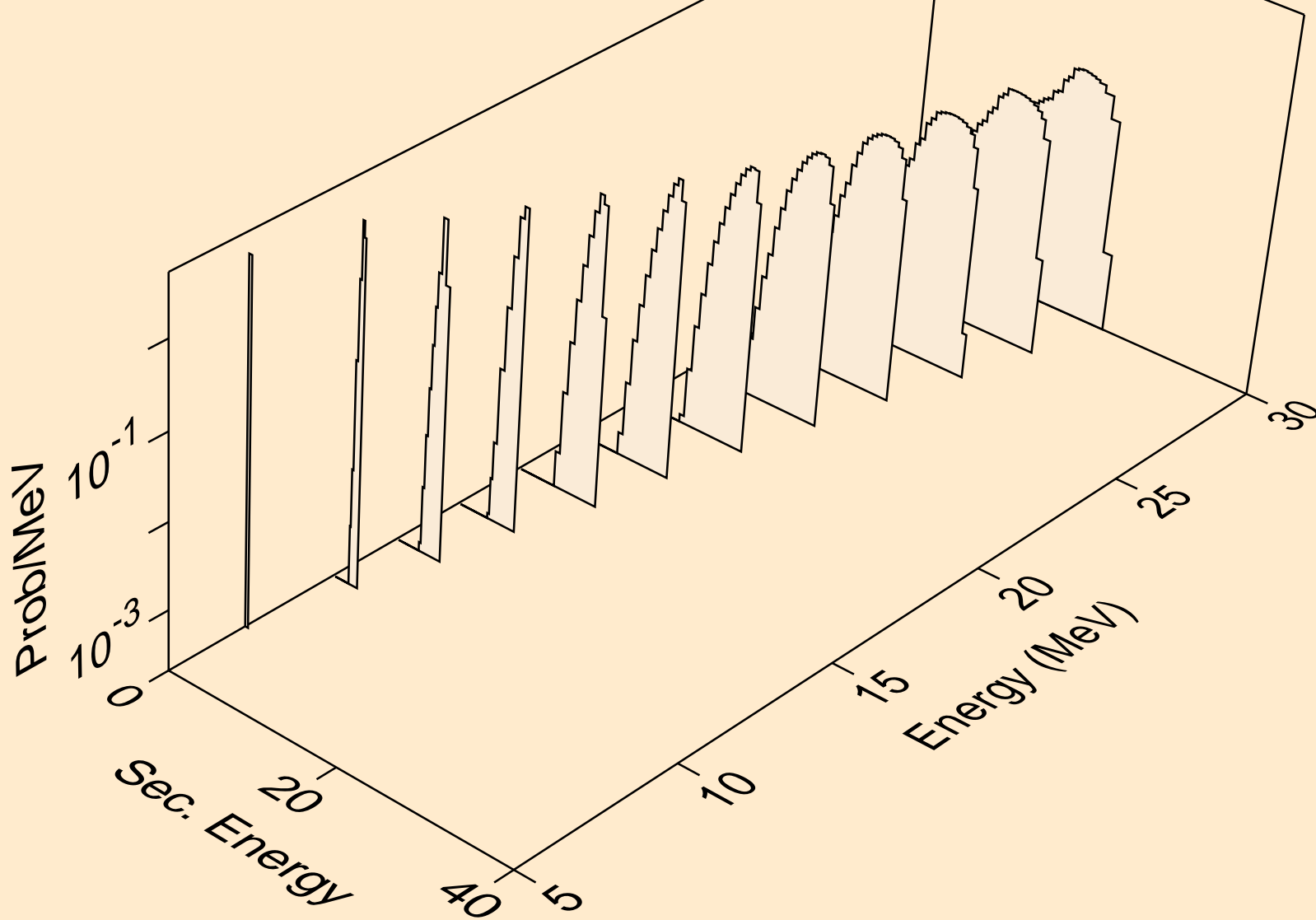
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)

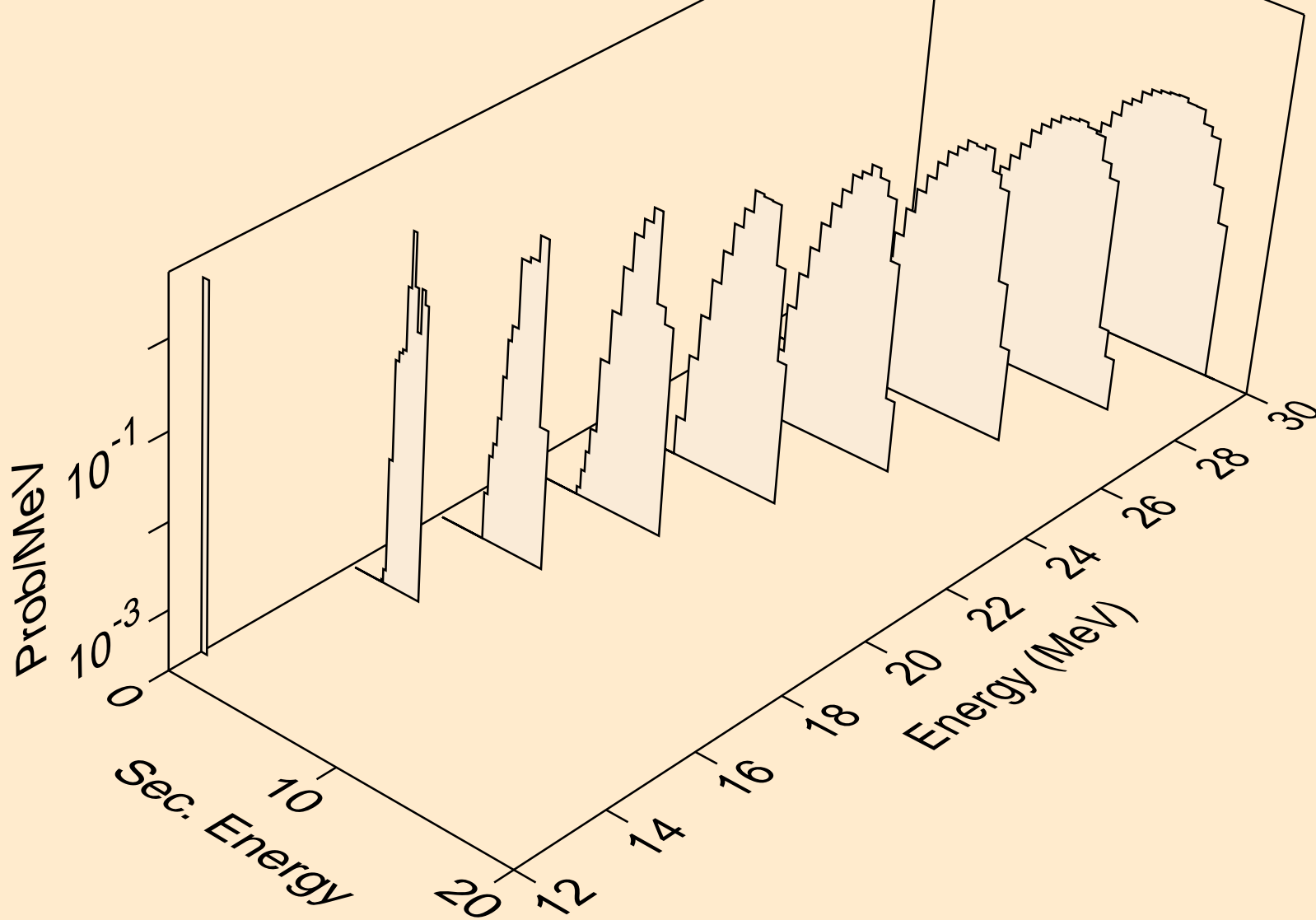


FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p

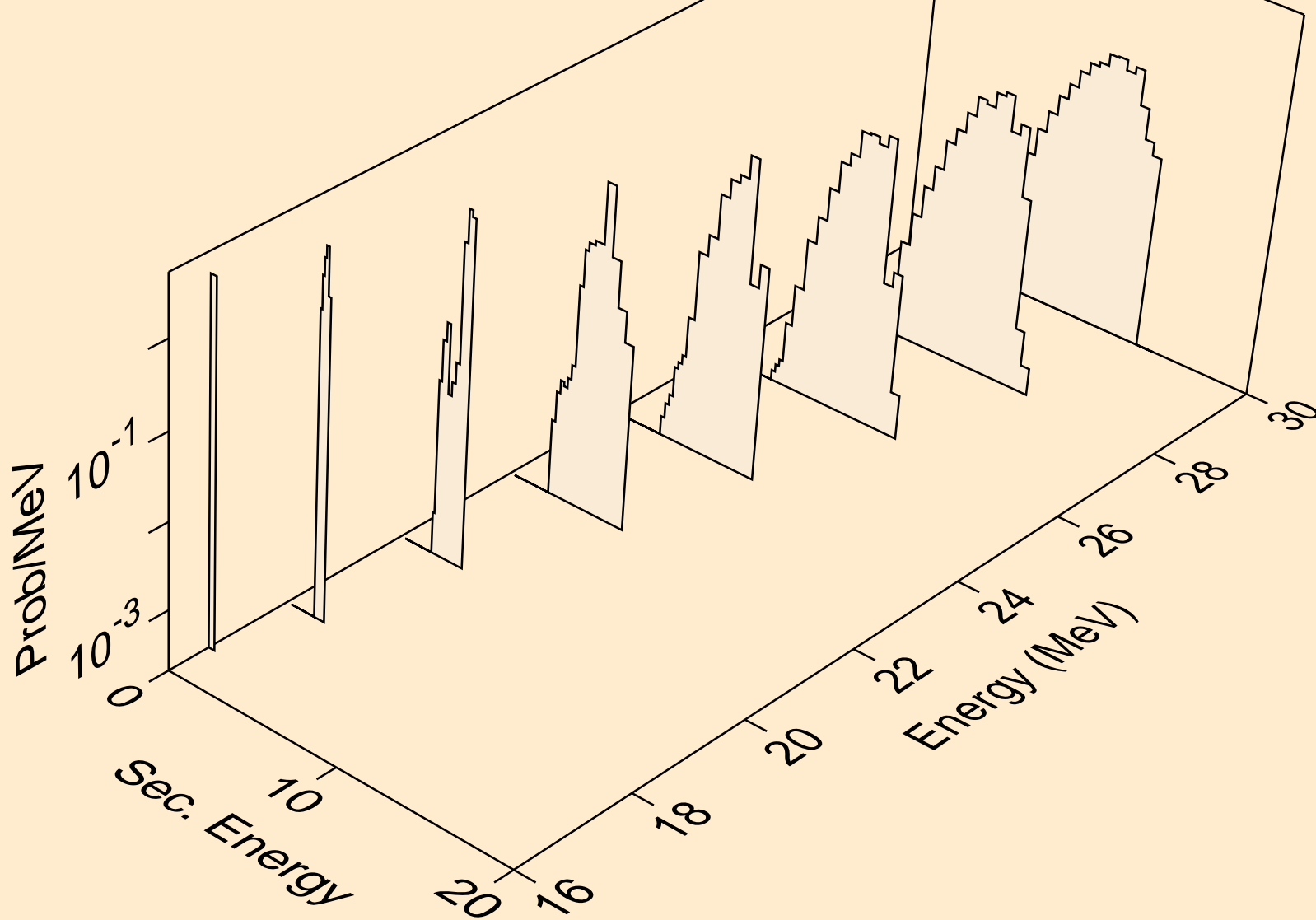




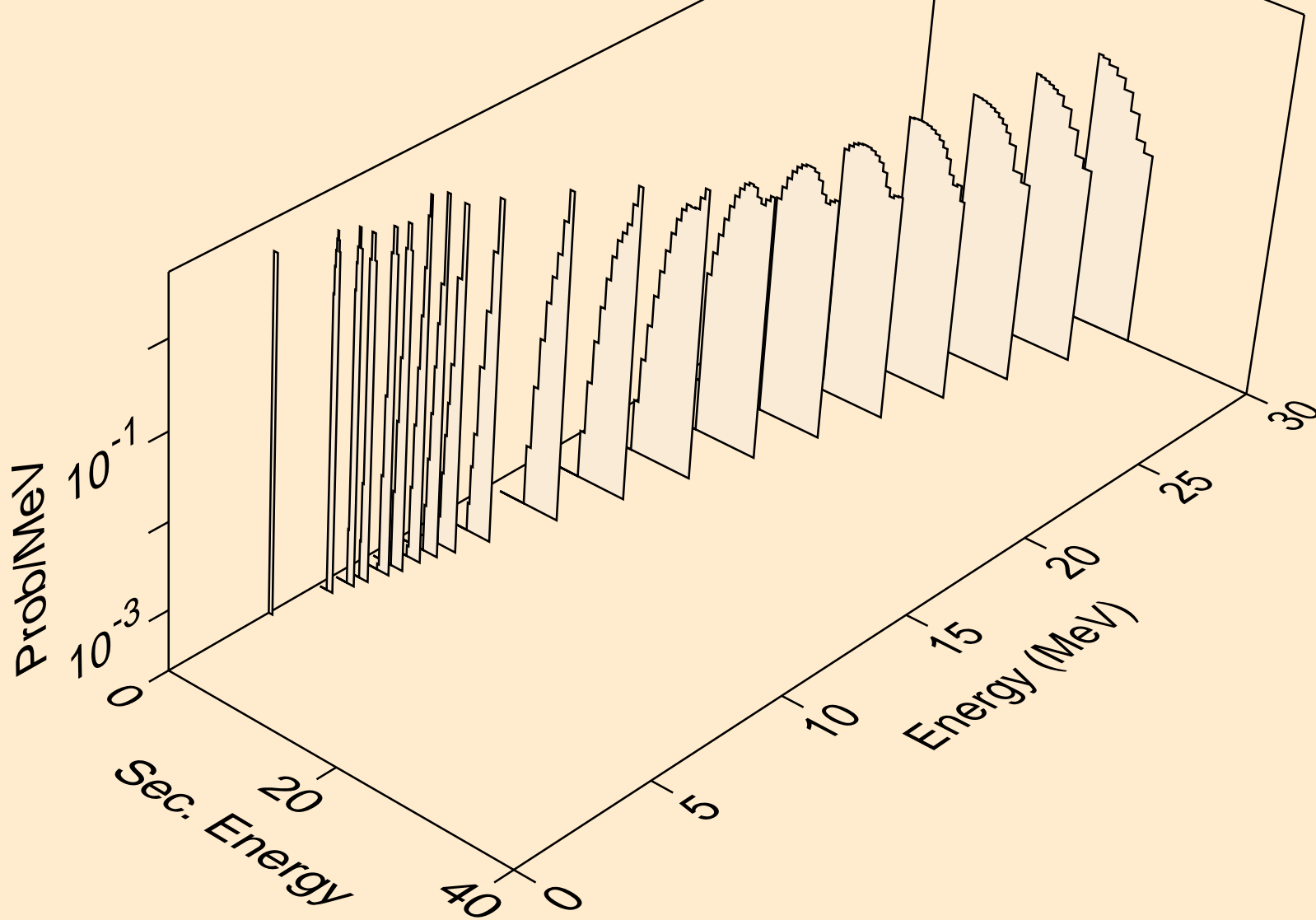
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



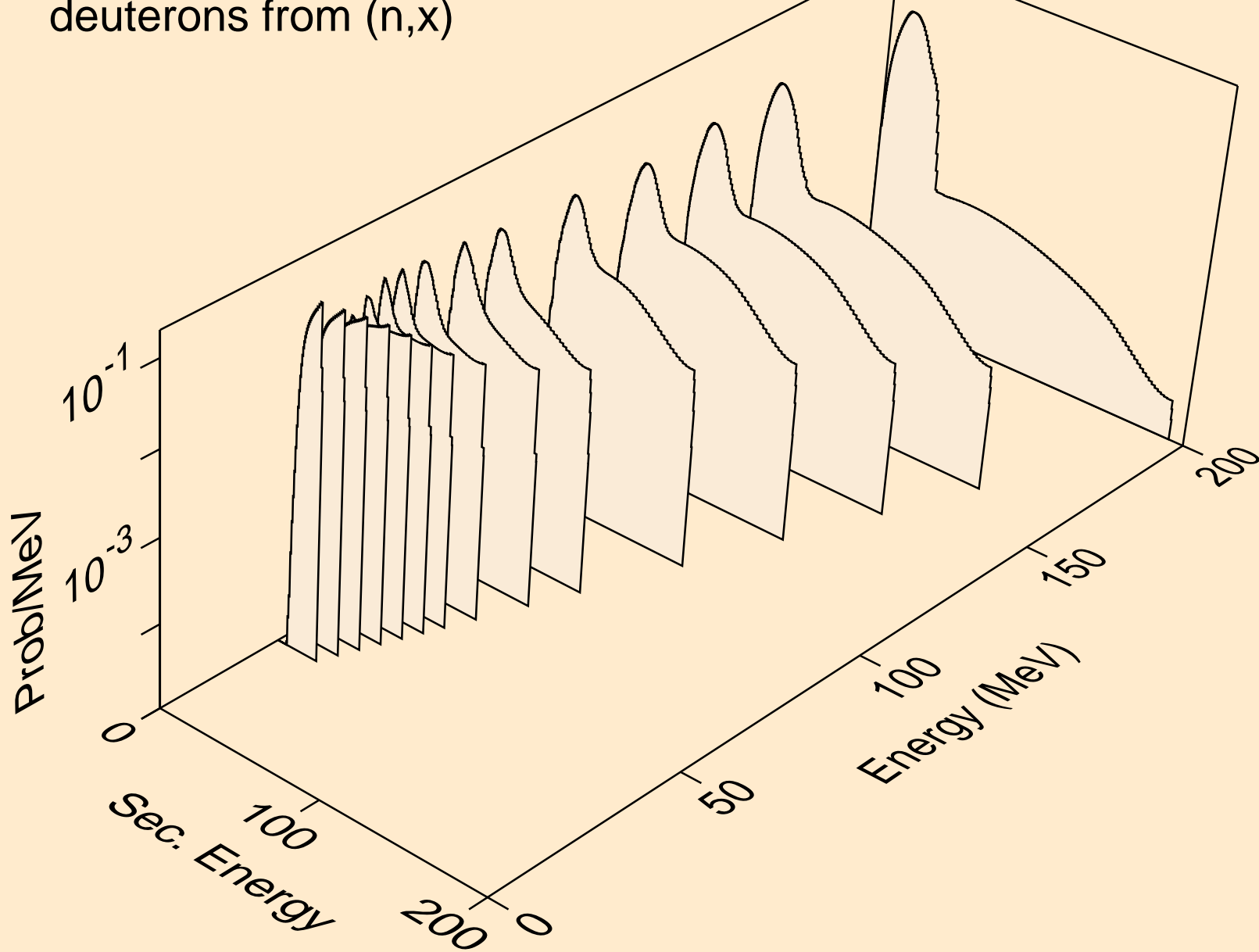
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protons from (n,3np)



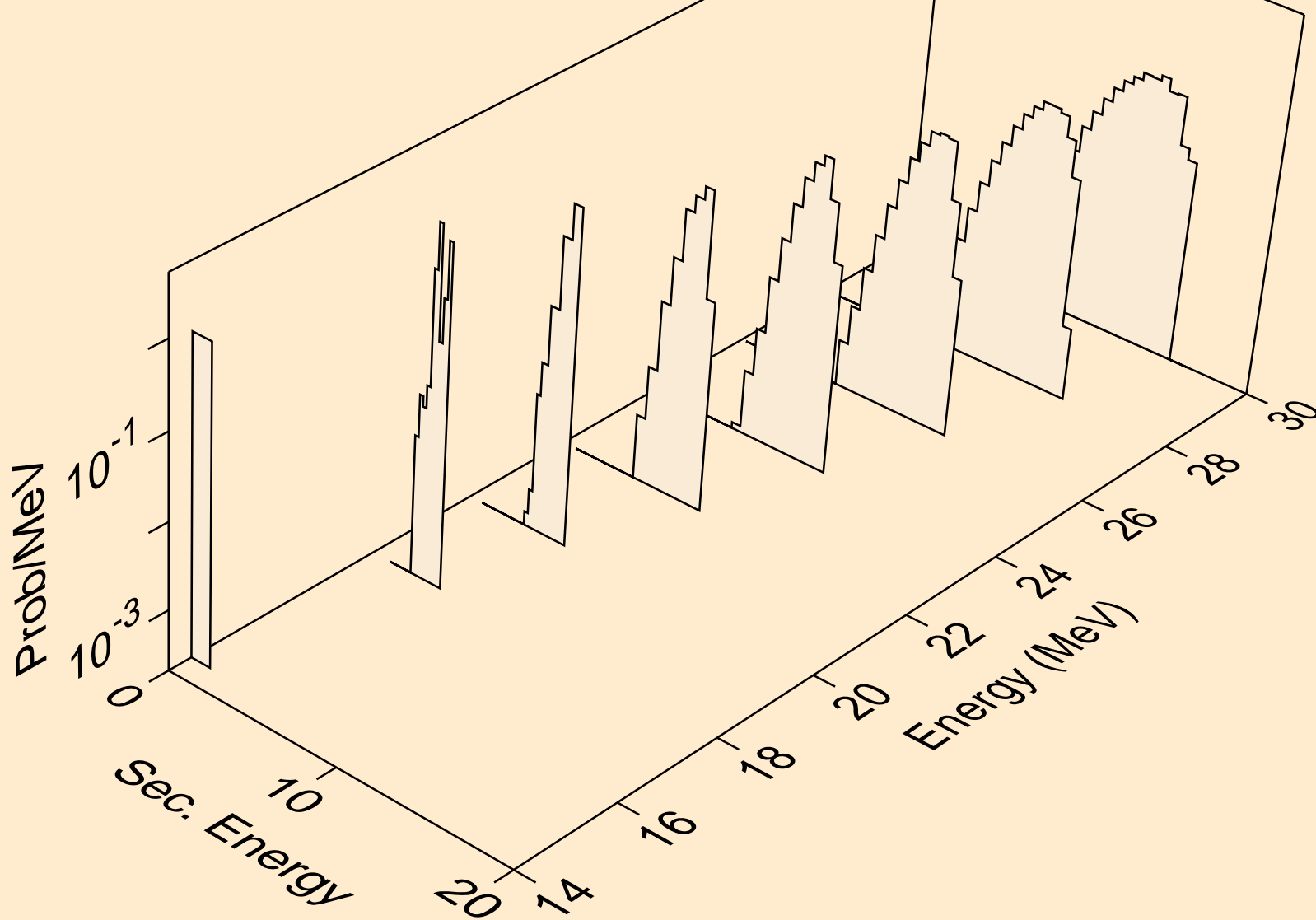
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



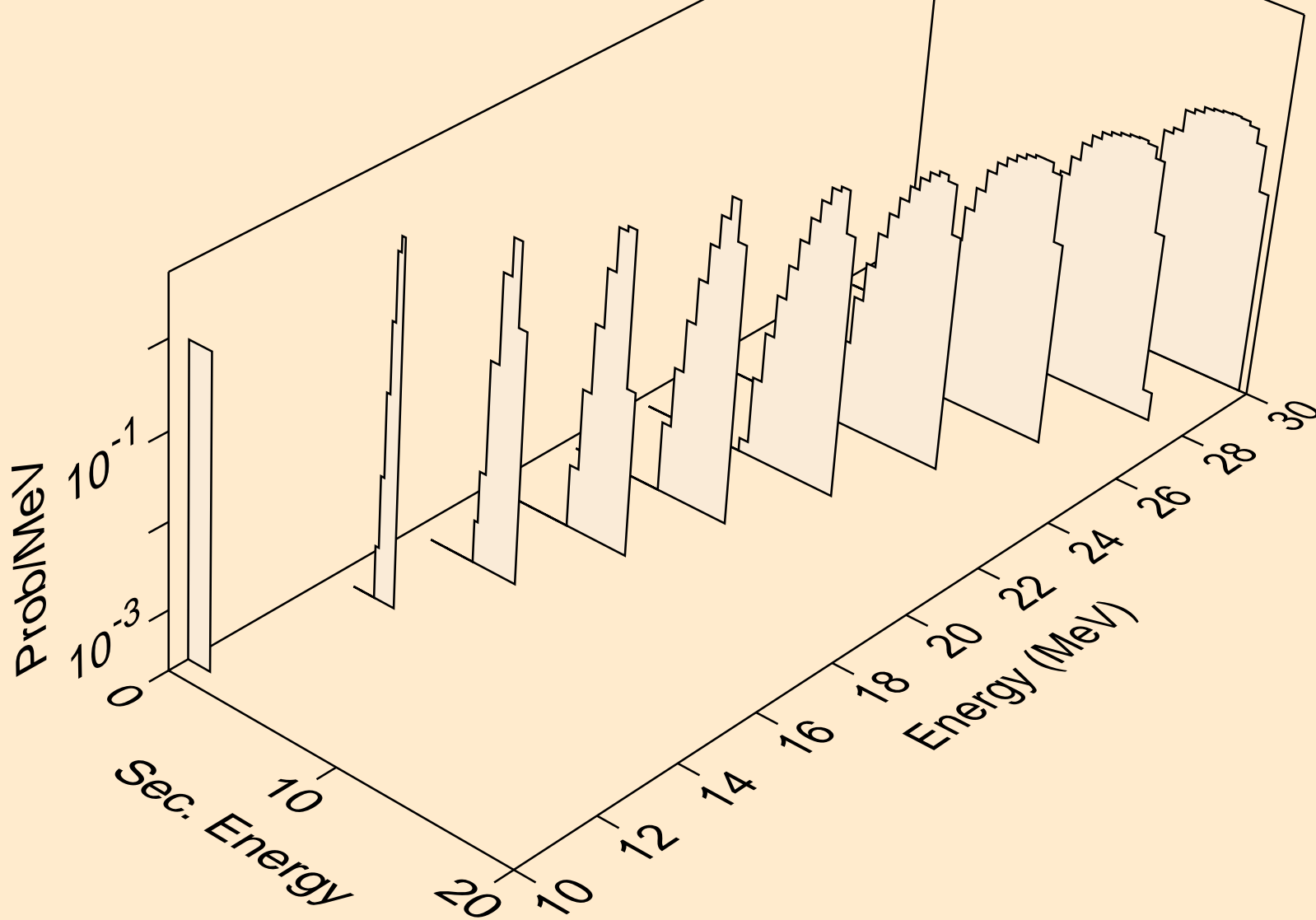
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



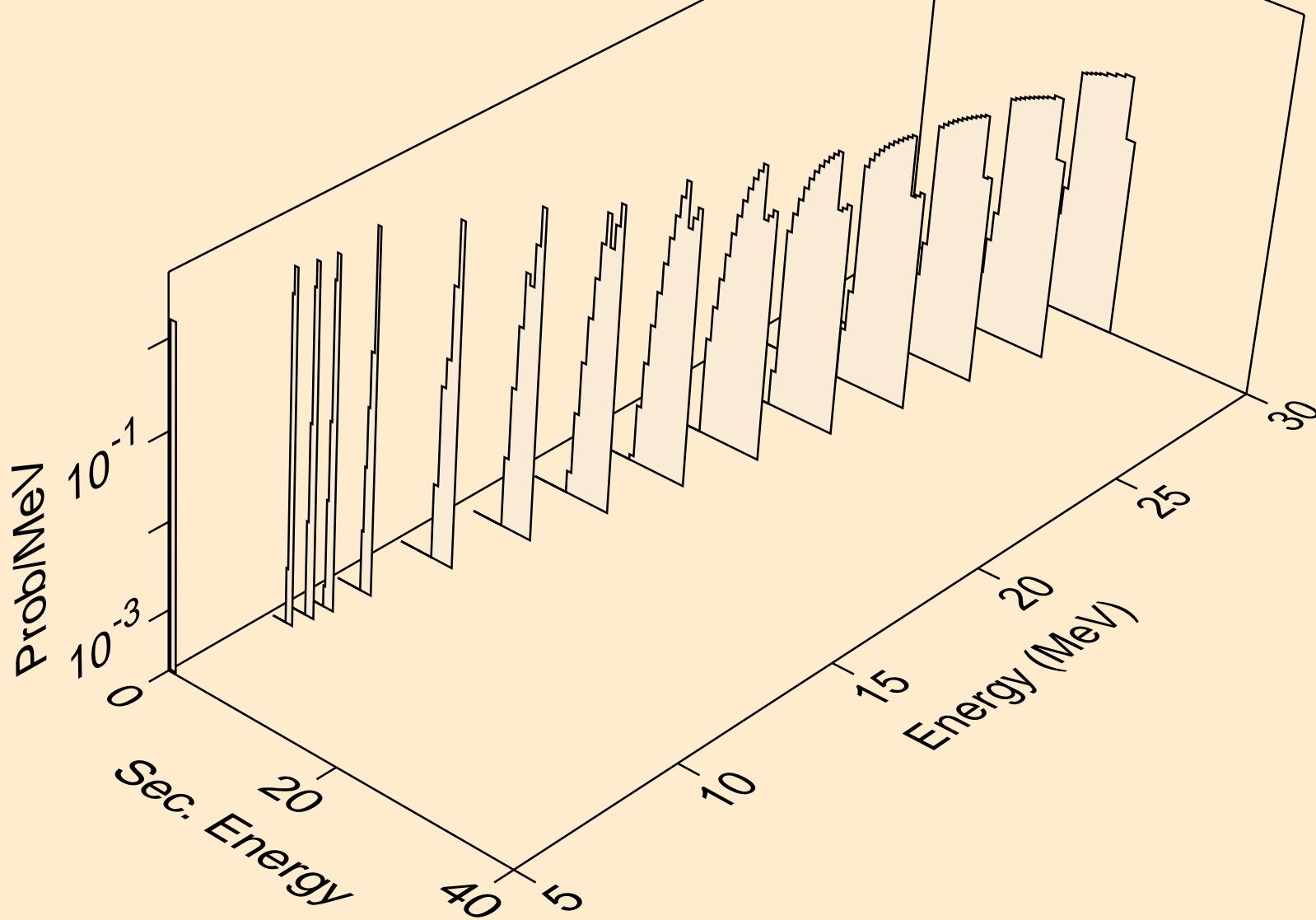
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deuterons from (n,2nd)



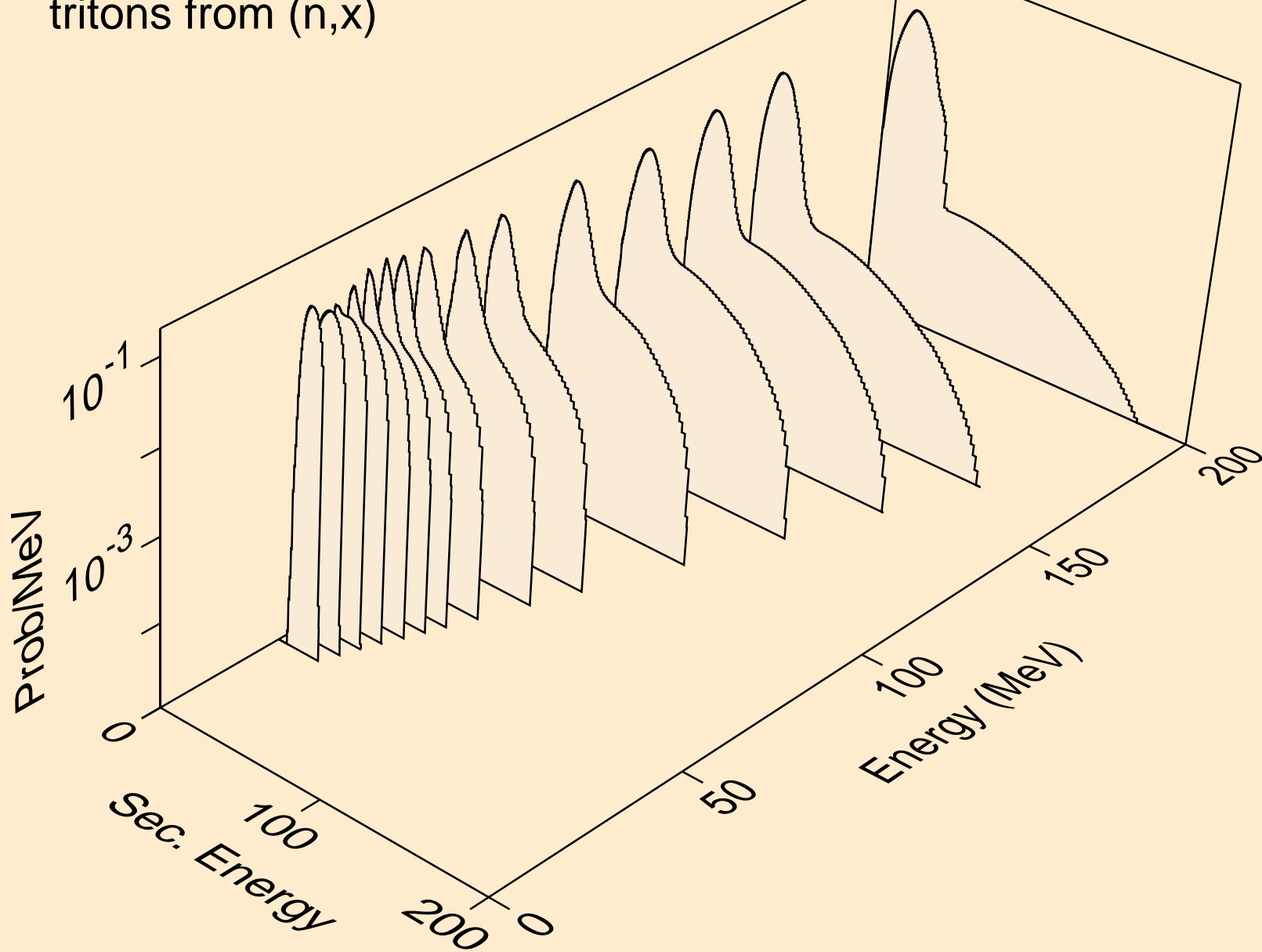
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)

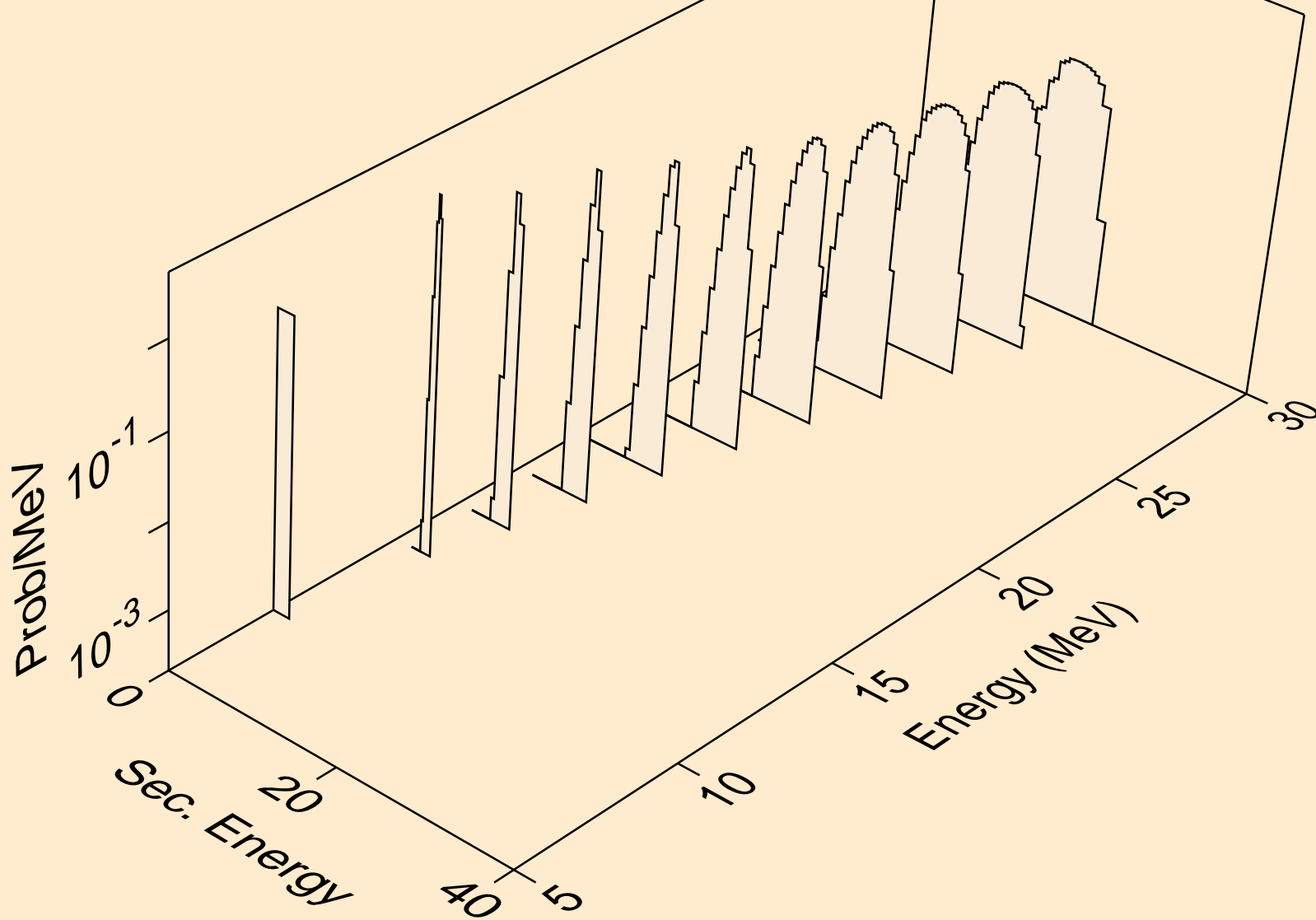


FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

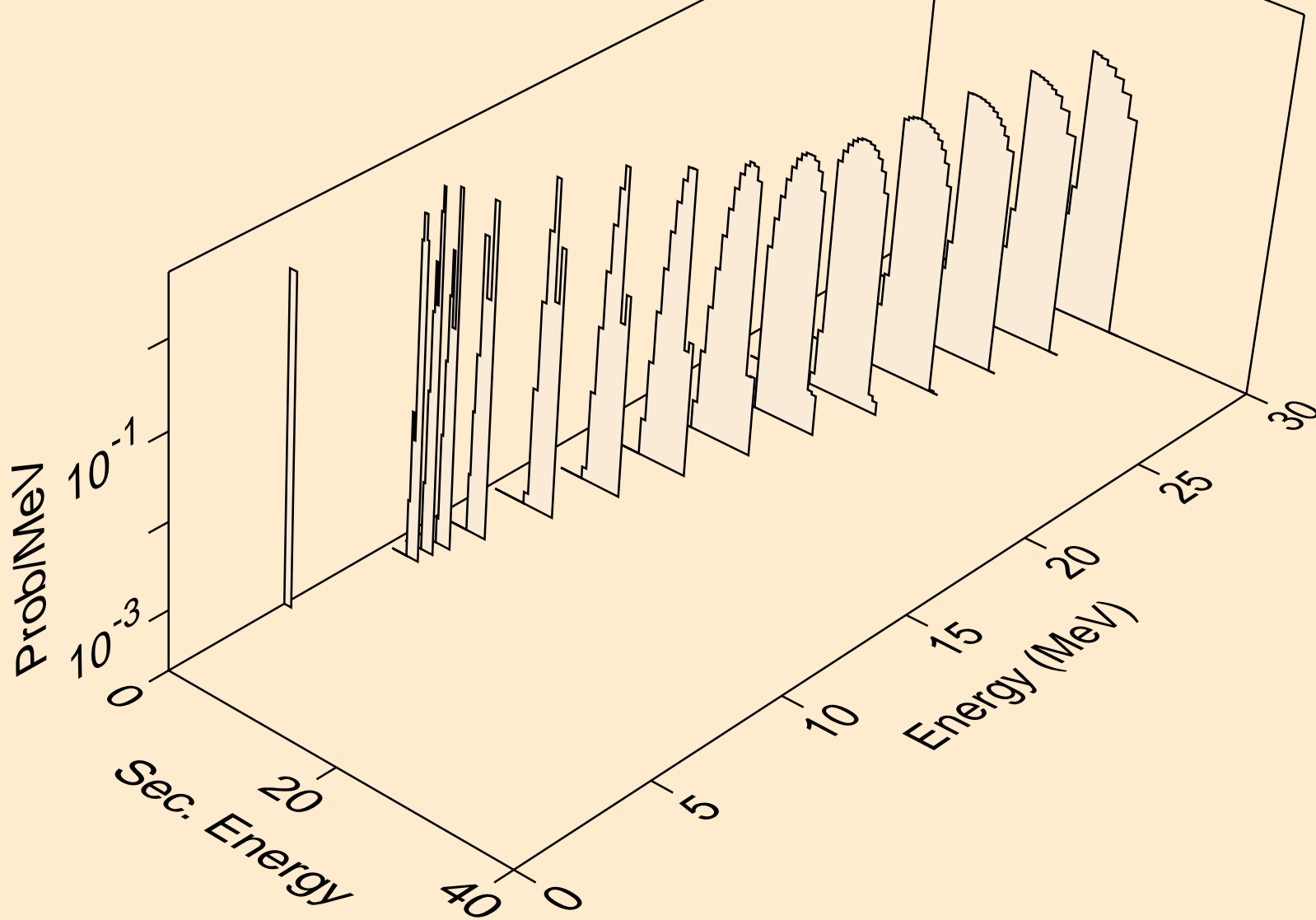




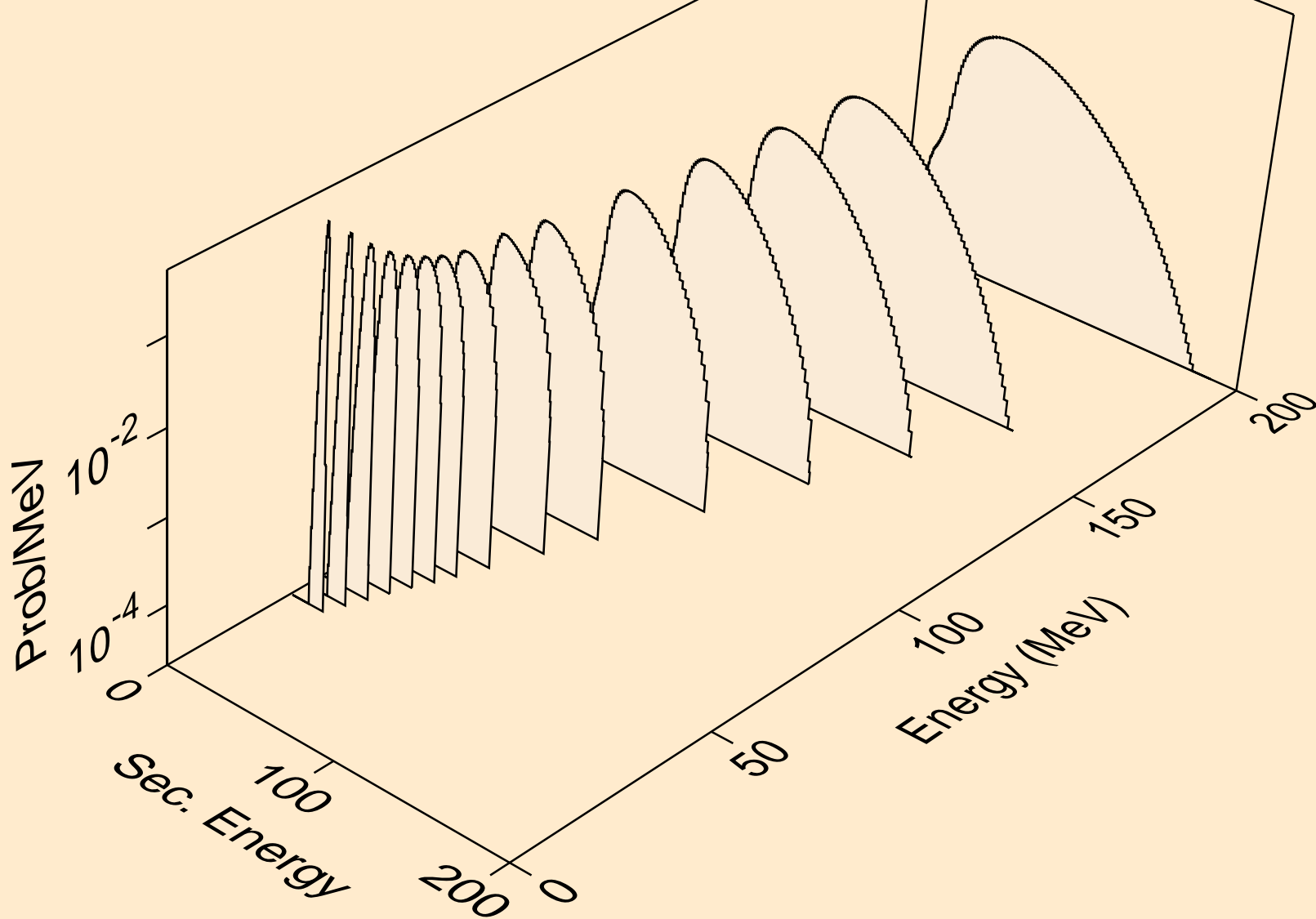
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



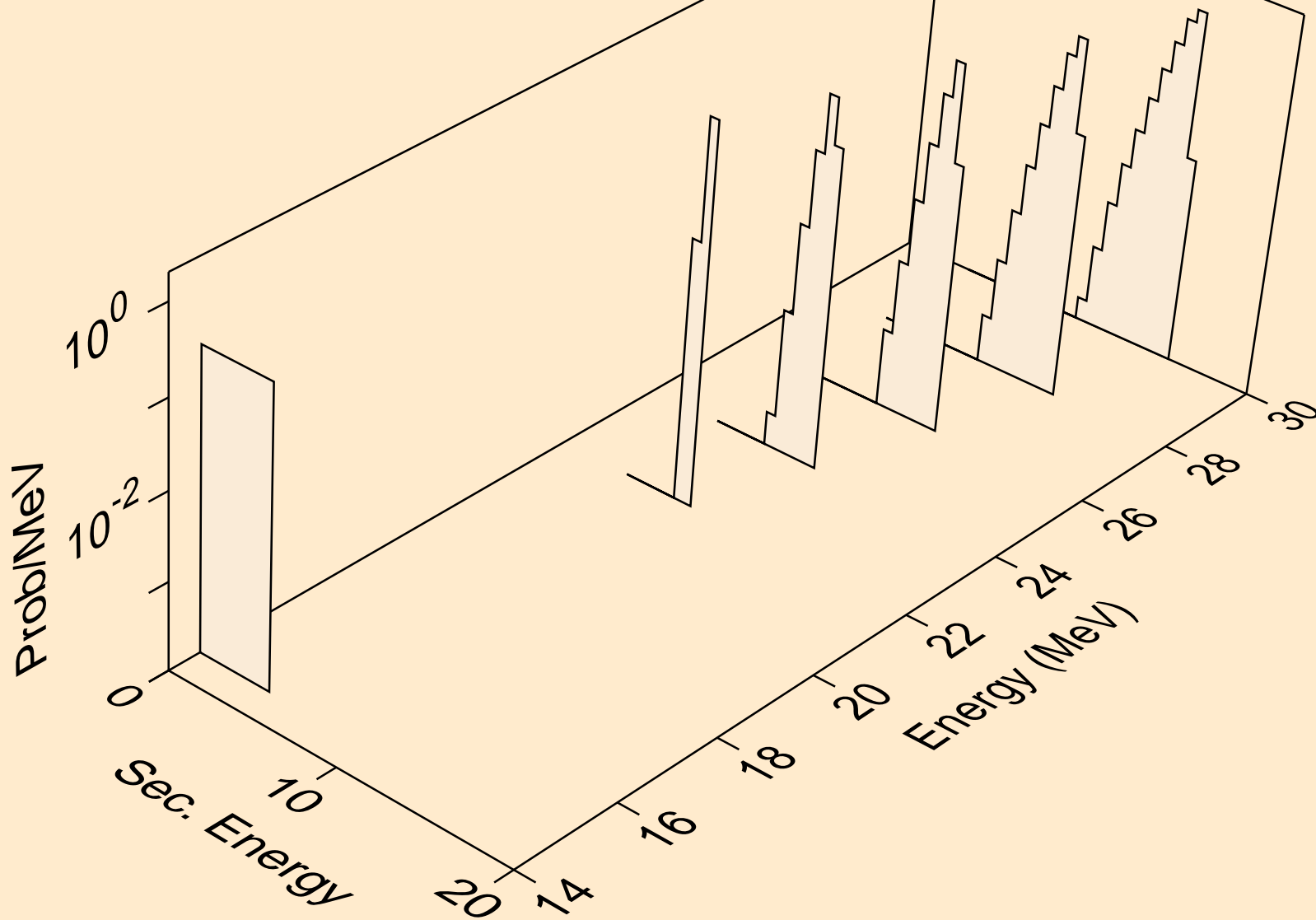
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tritons from (n,t)



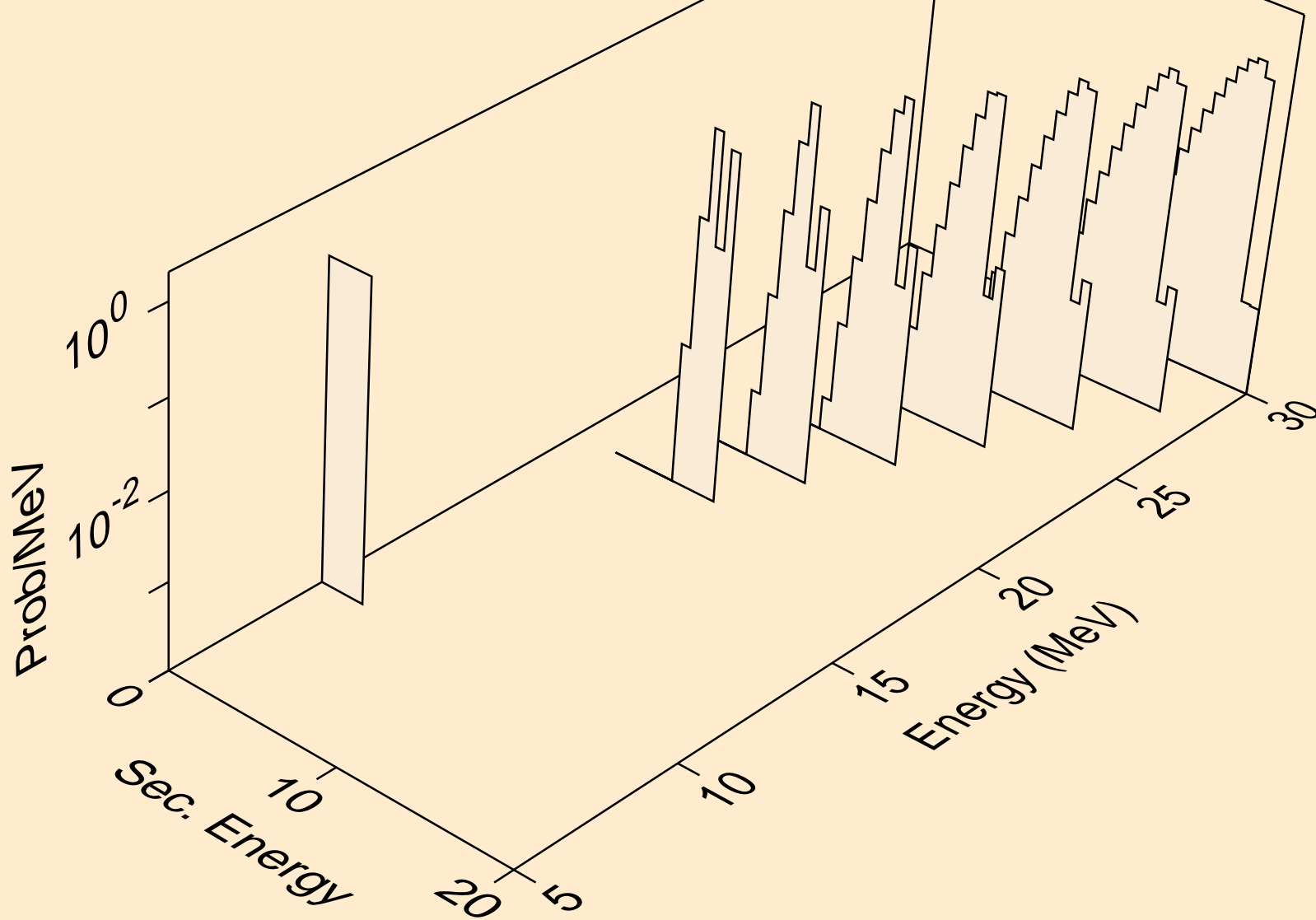
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he3s from (n,x)



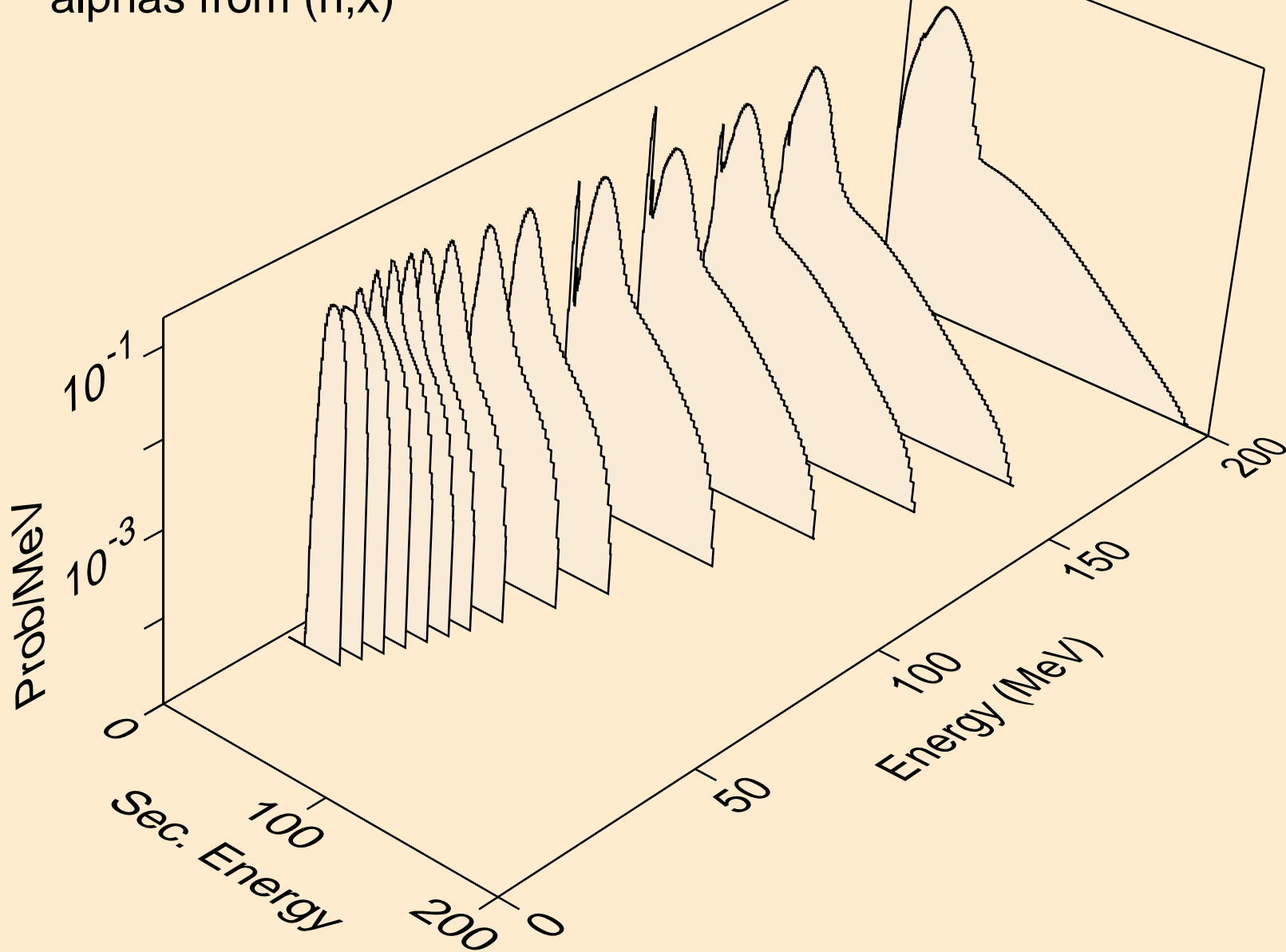
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



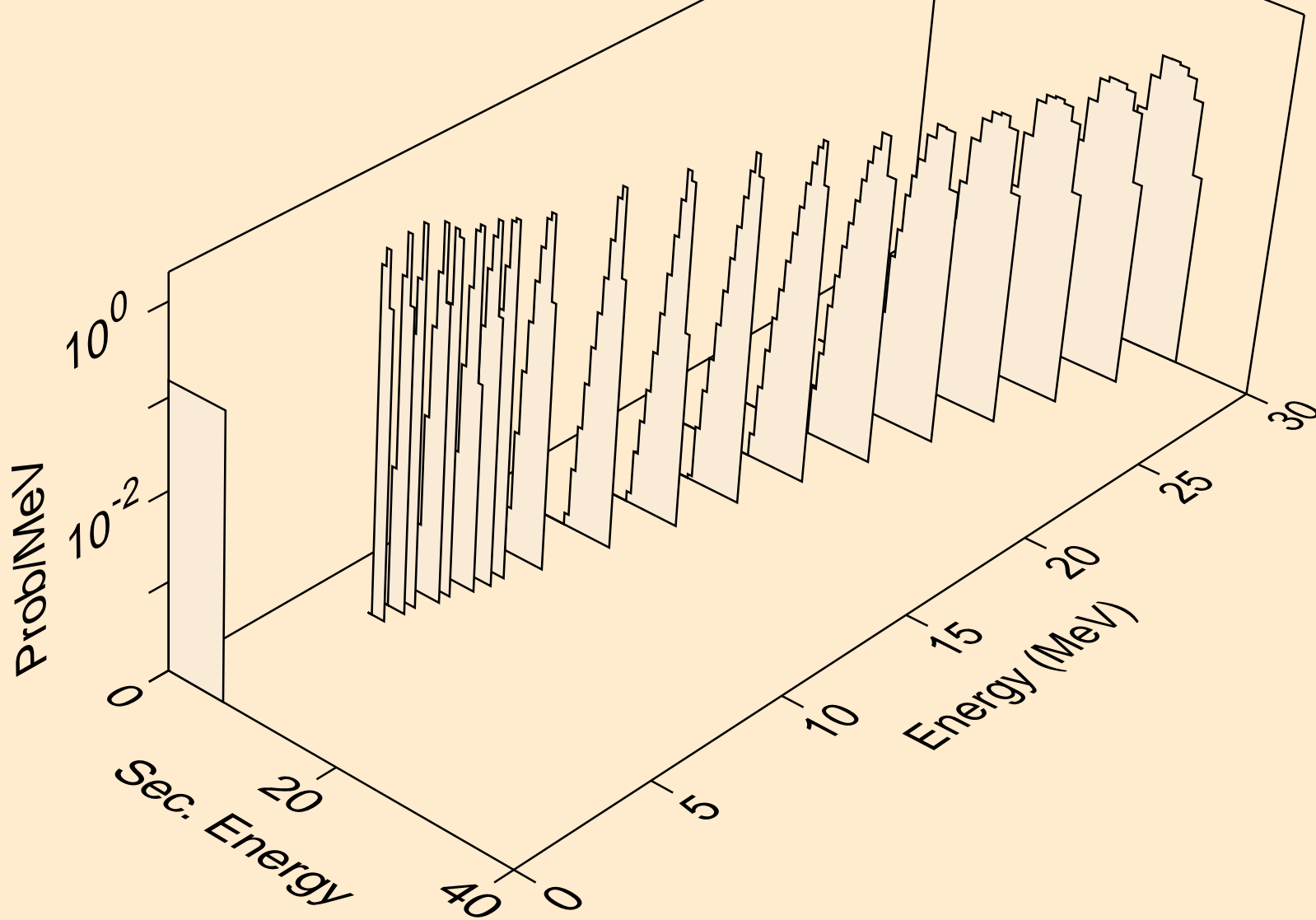
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he3s from (n,he3)



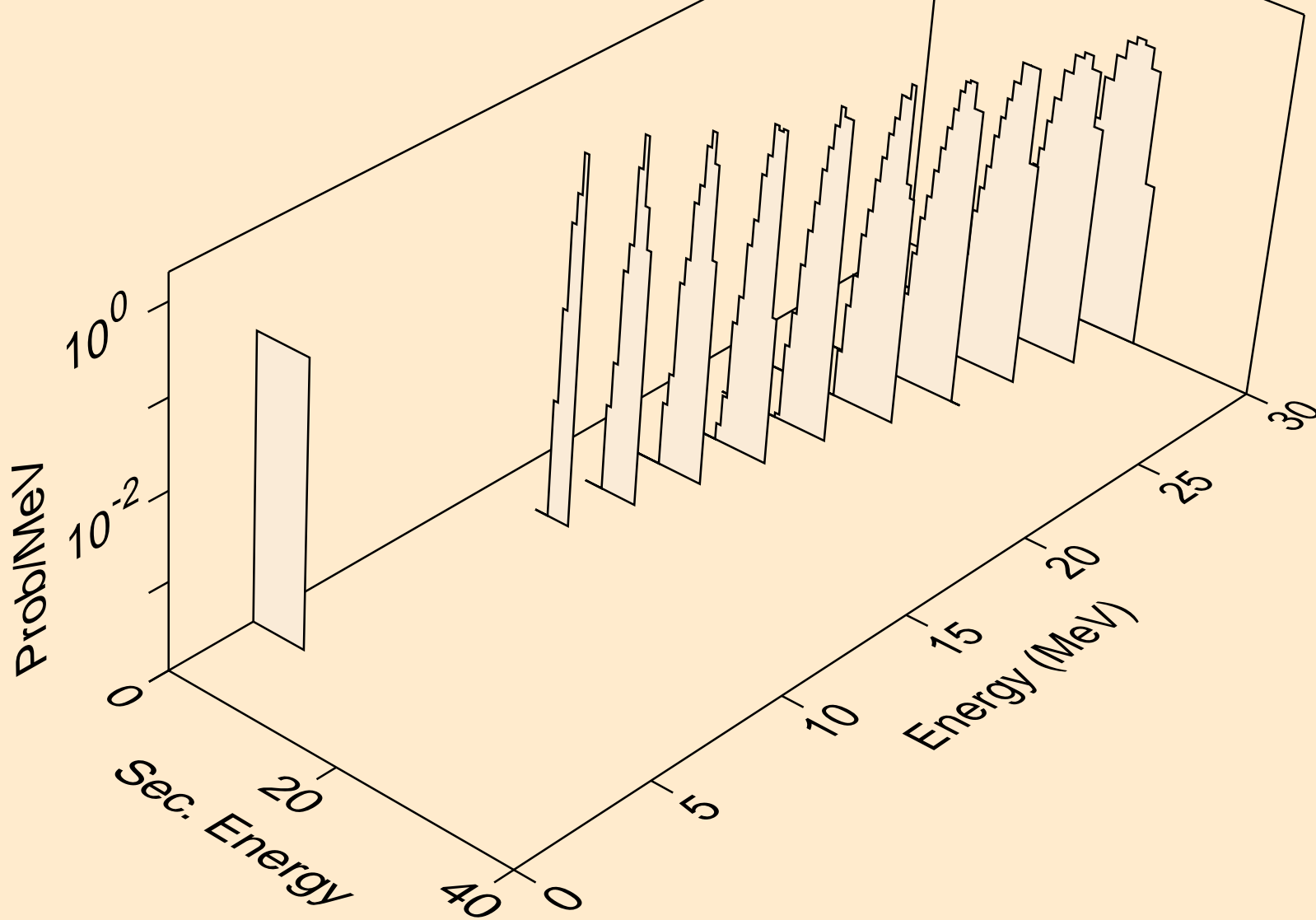
FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a

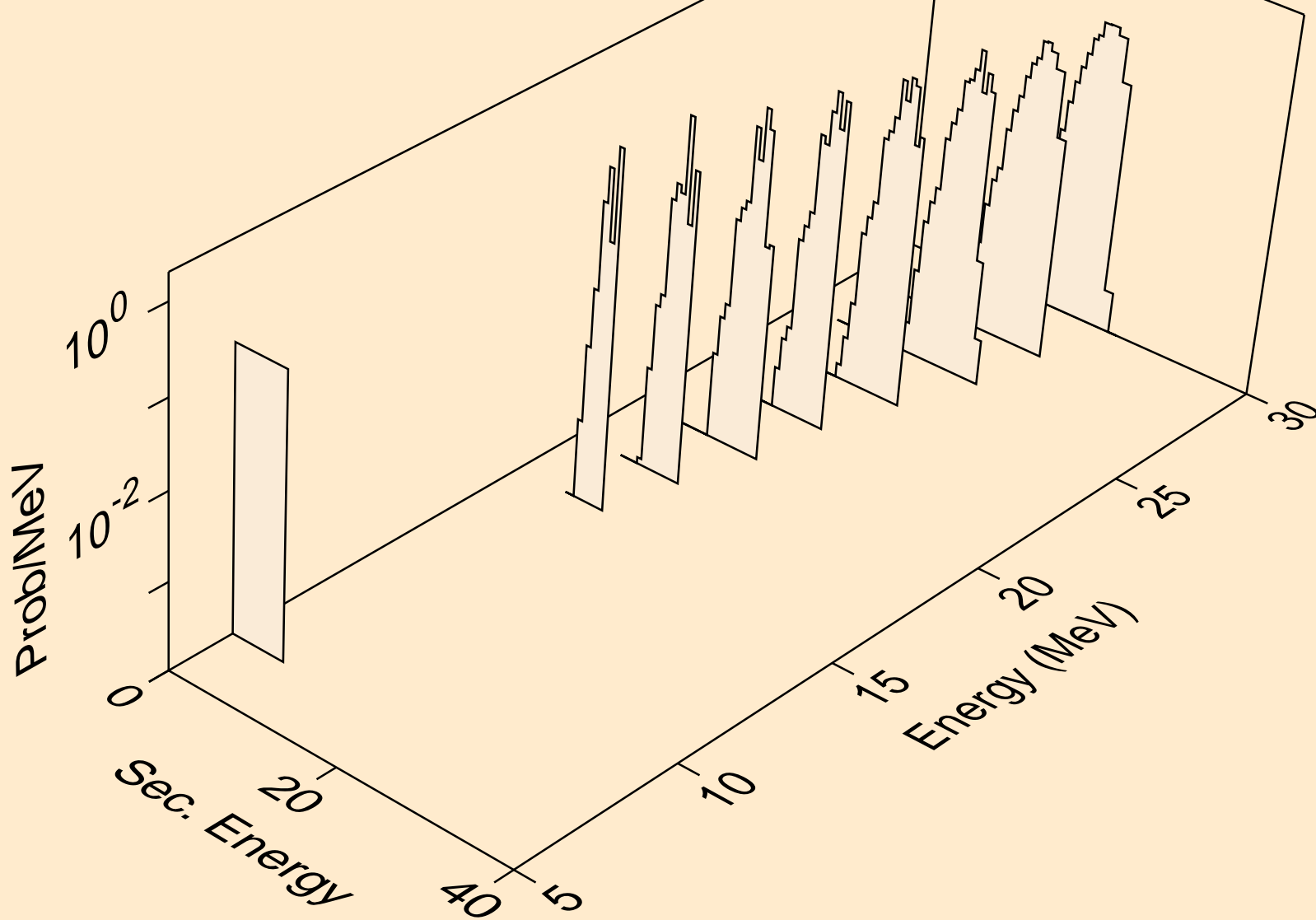


FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a





FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



FR231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

