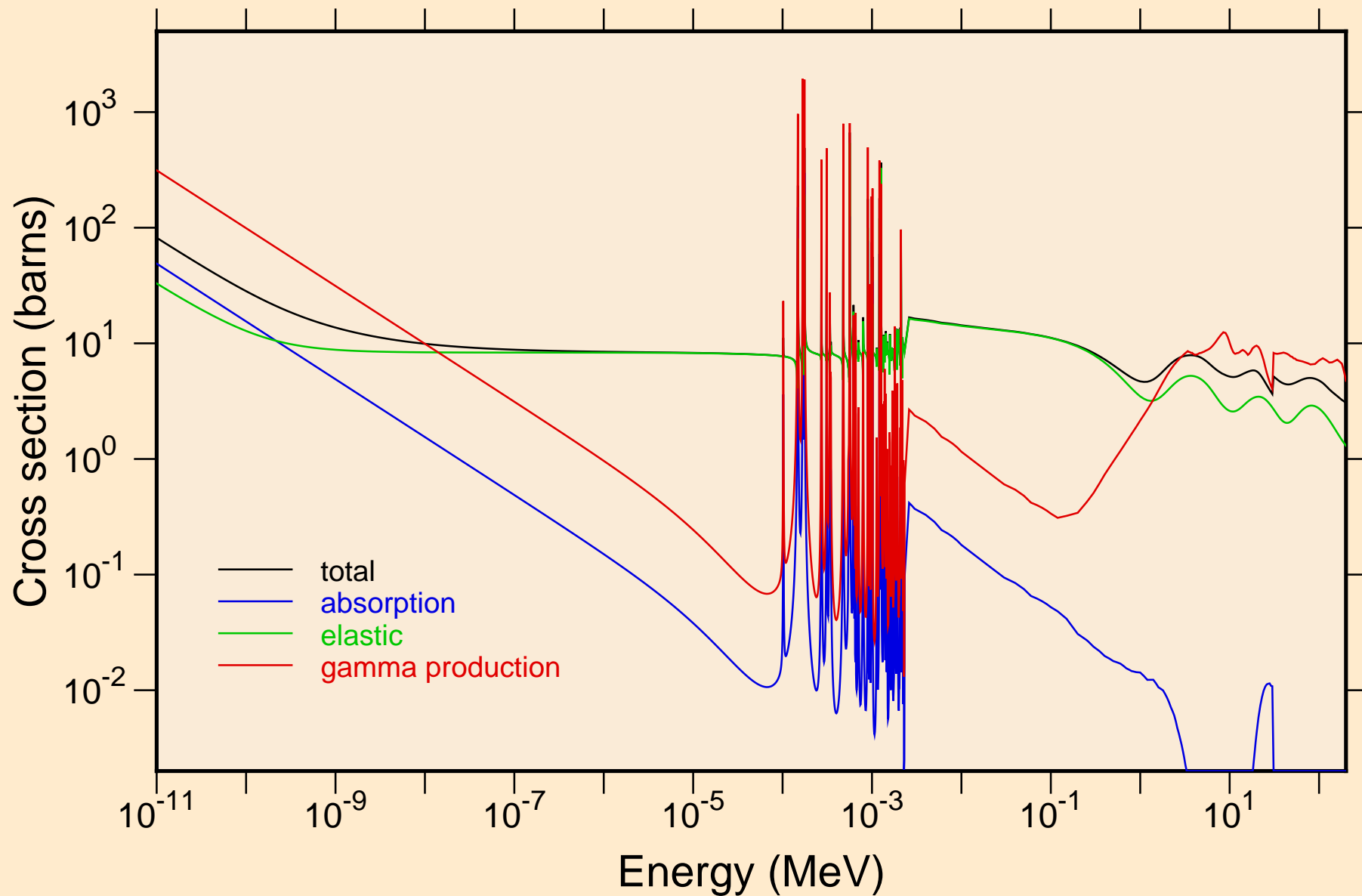
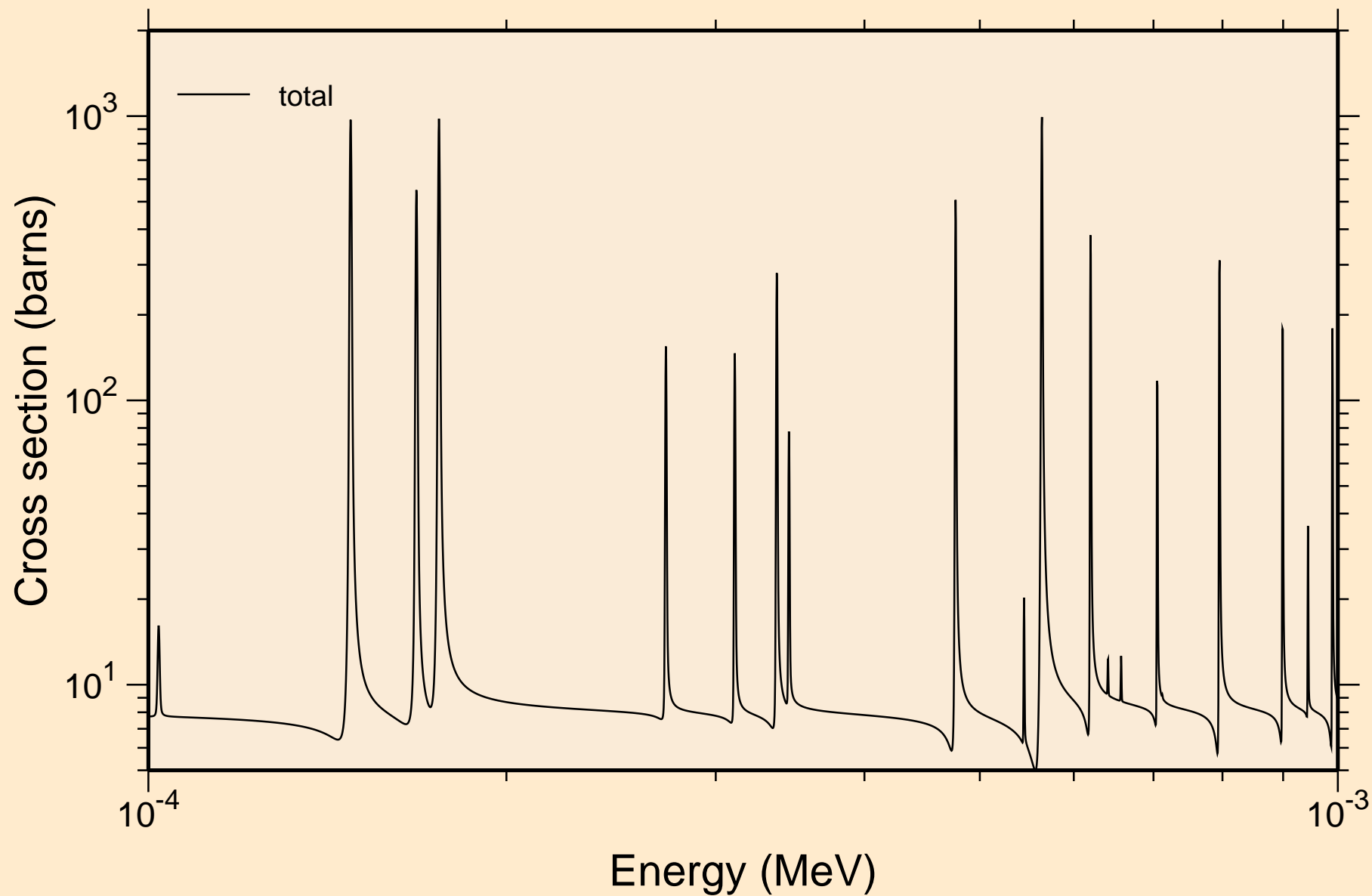


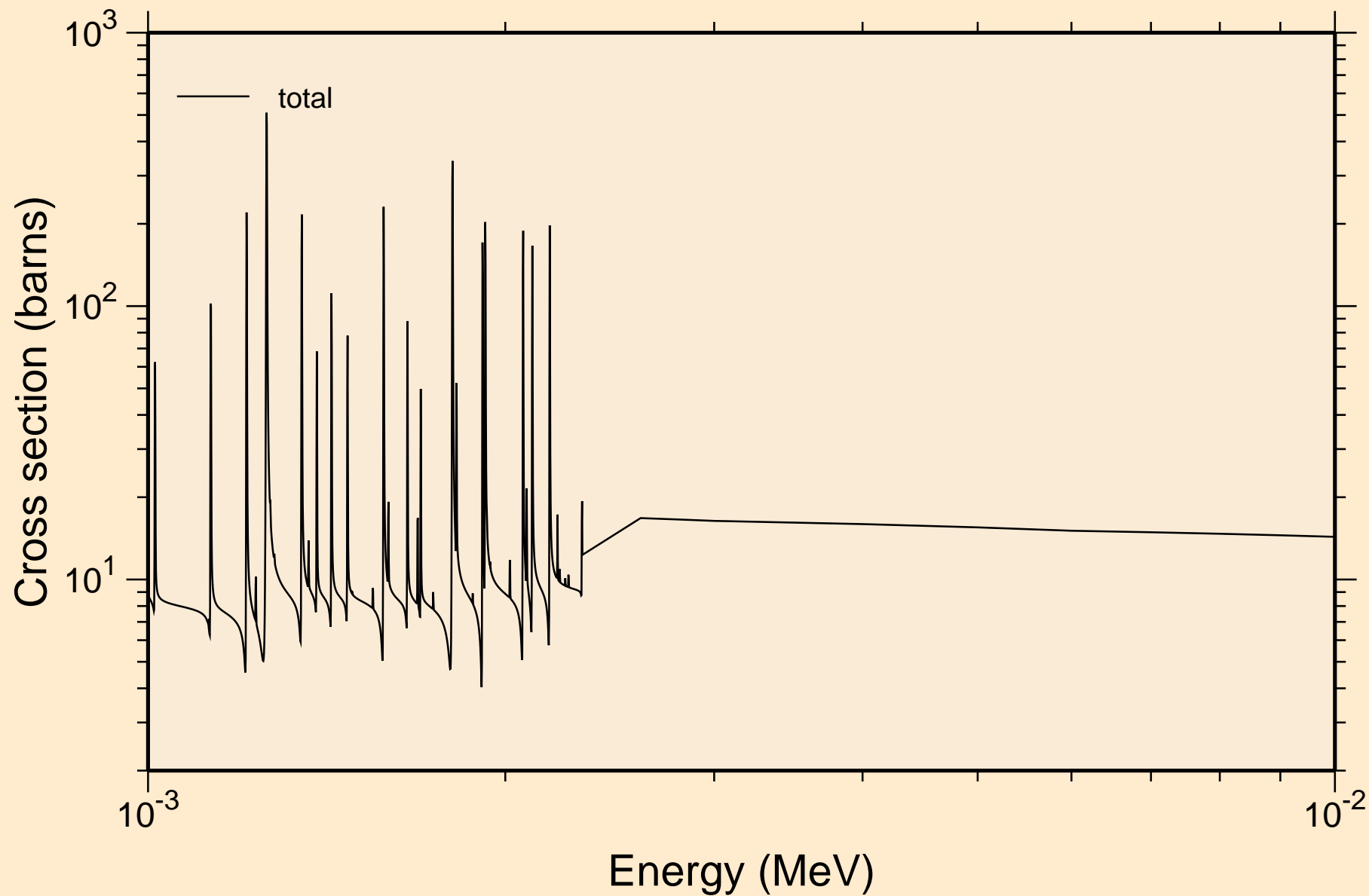
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



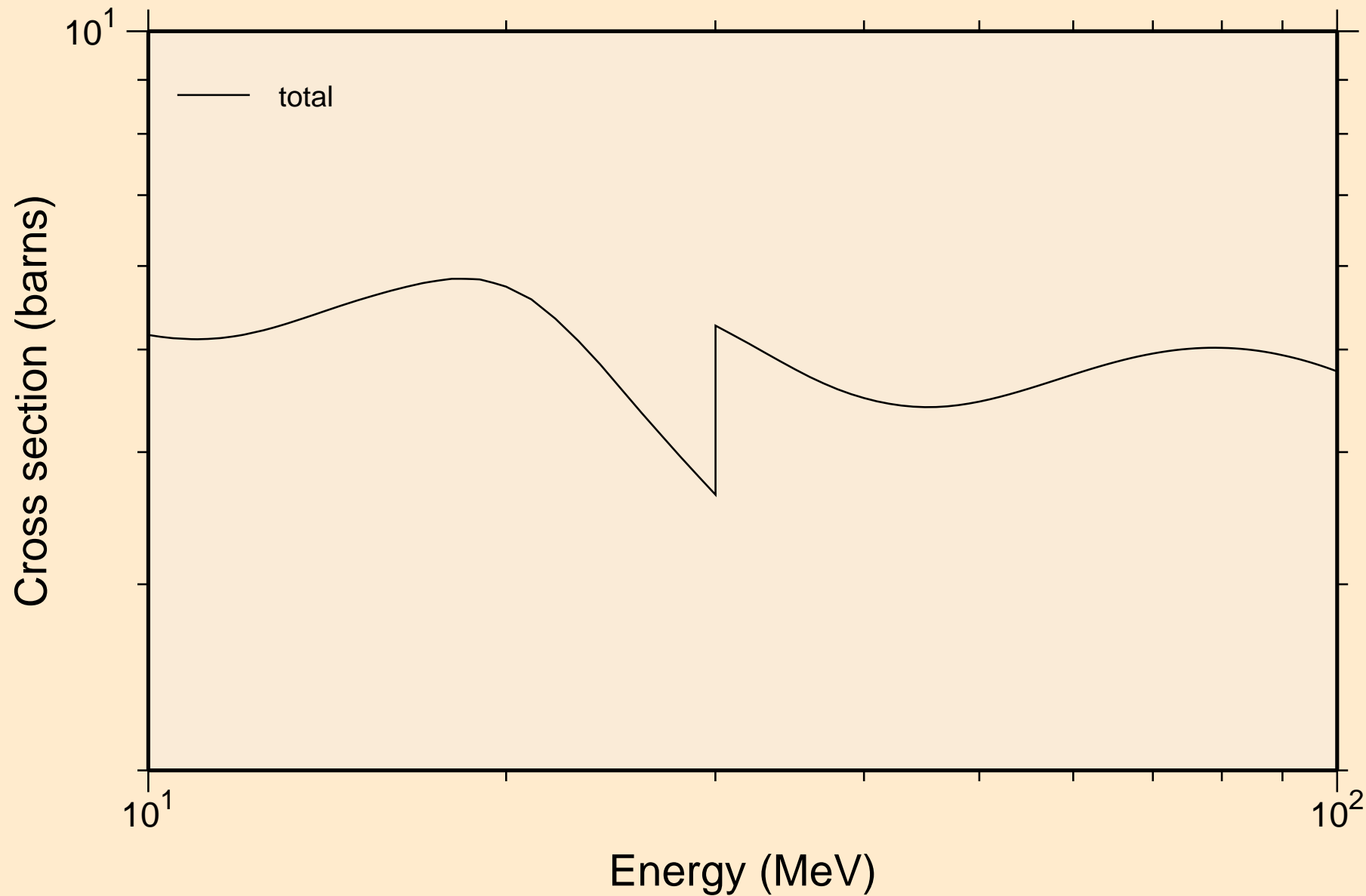
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resonance total cross section



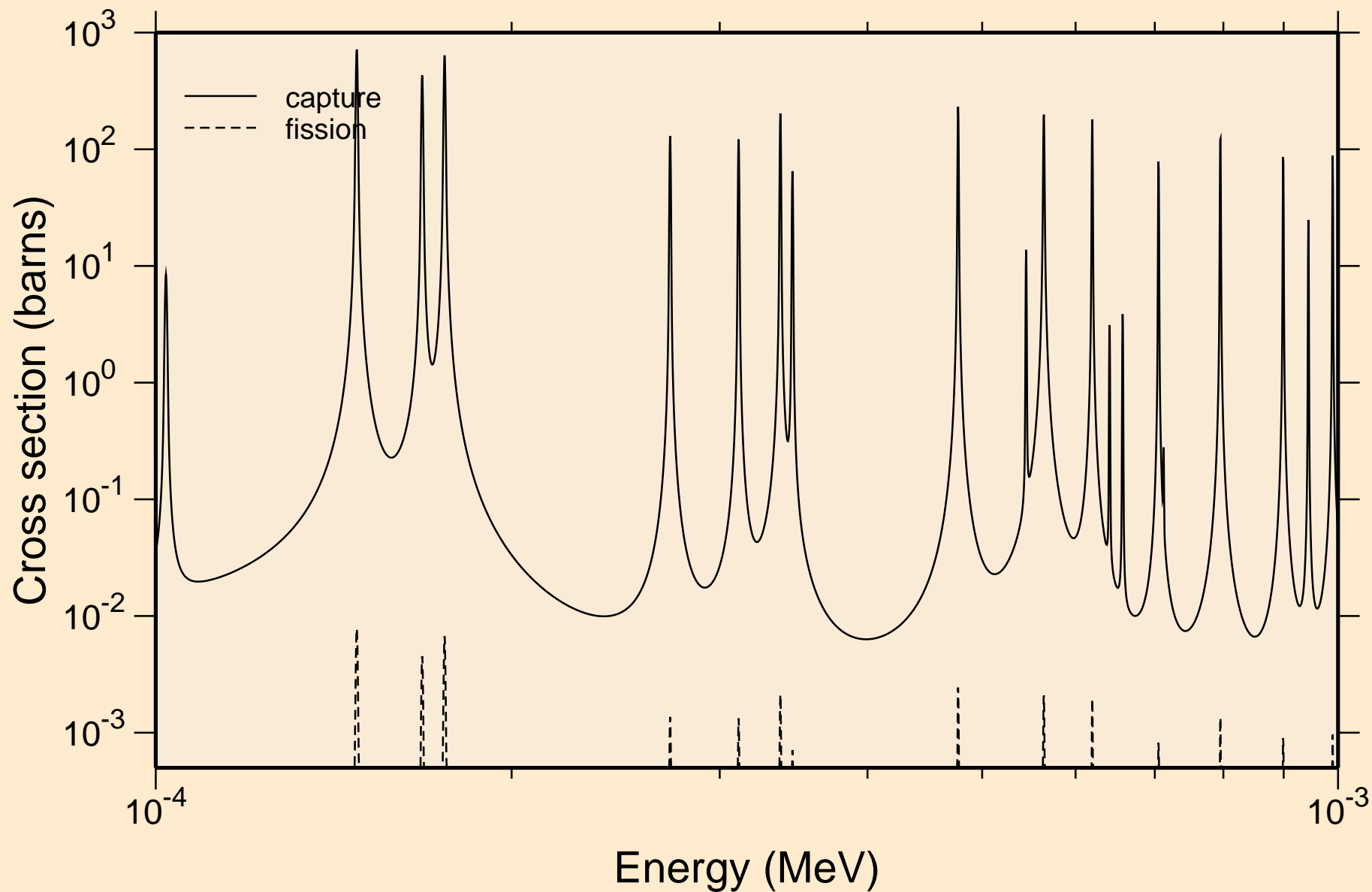
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resonance total cross section



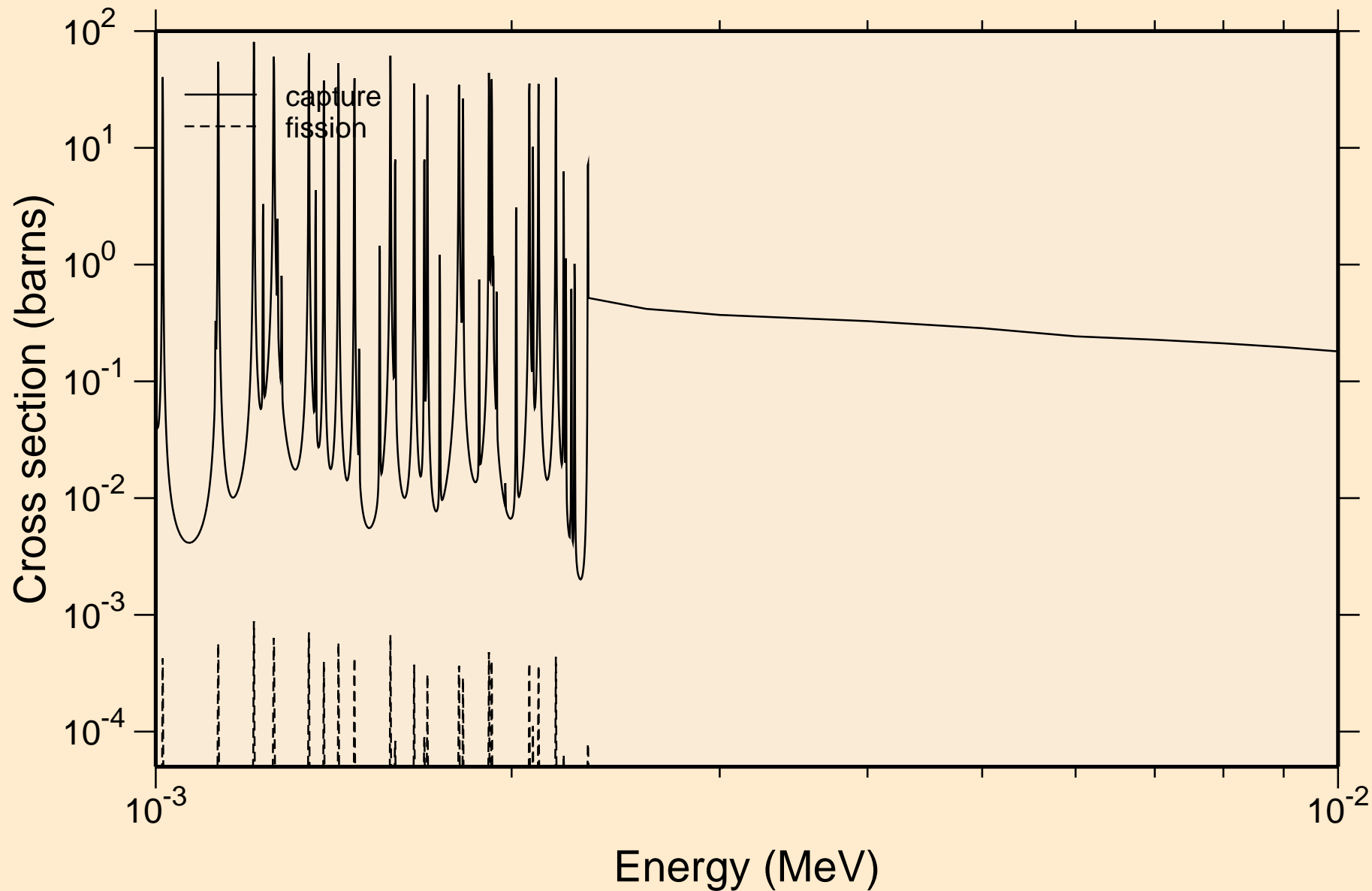
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resonance total cross section



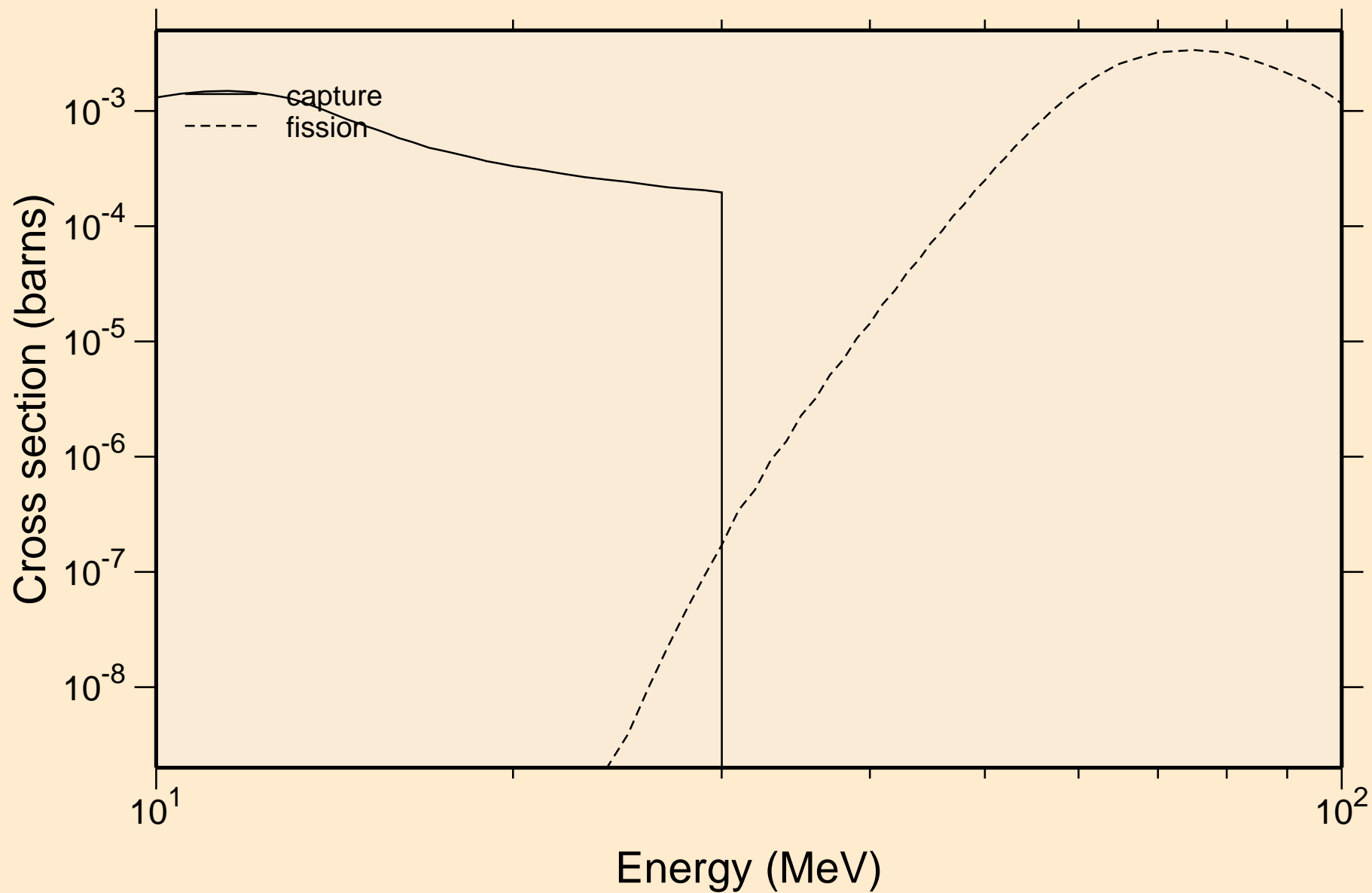
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resonance absorption cross sections



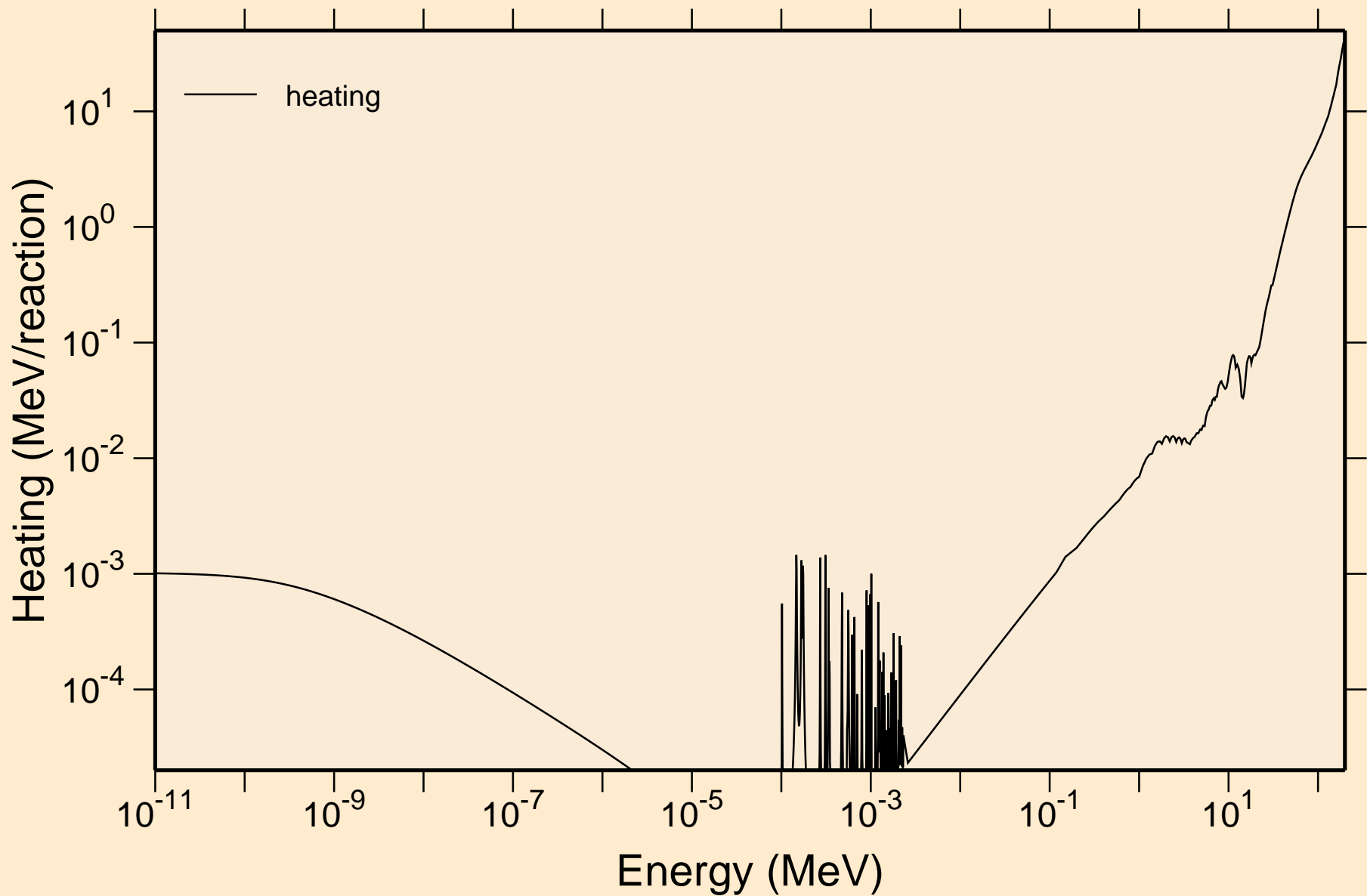
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resonance absorption cross sections



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

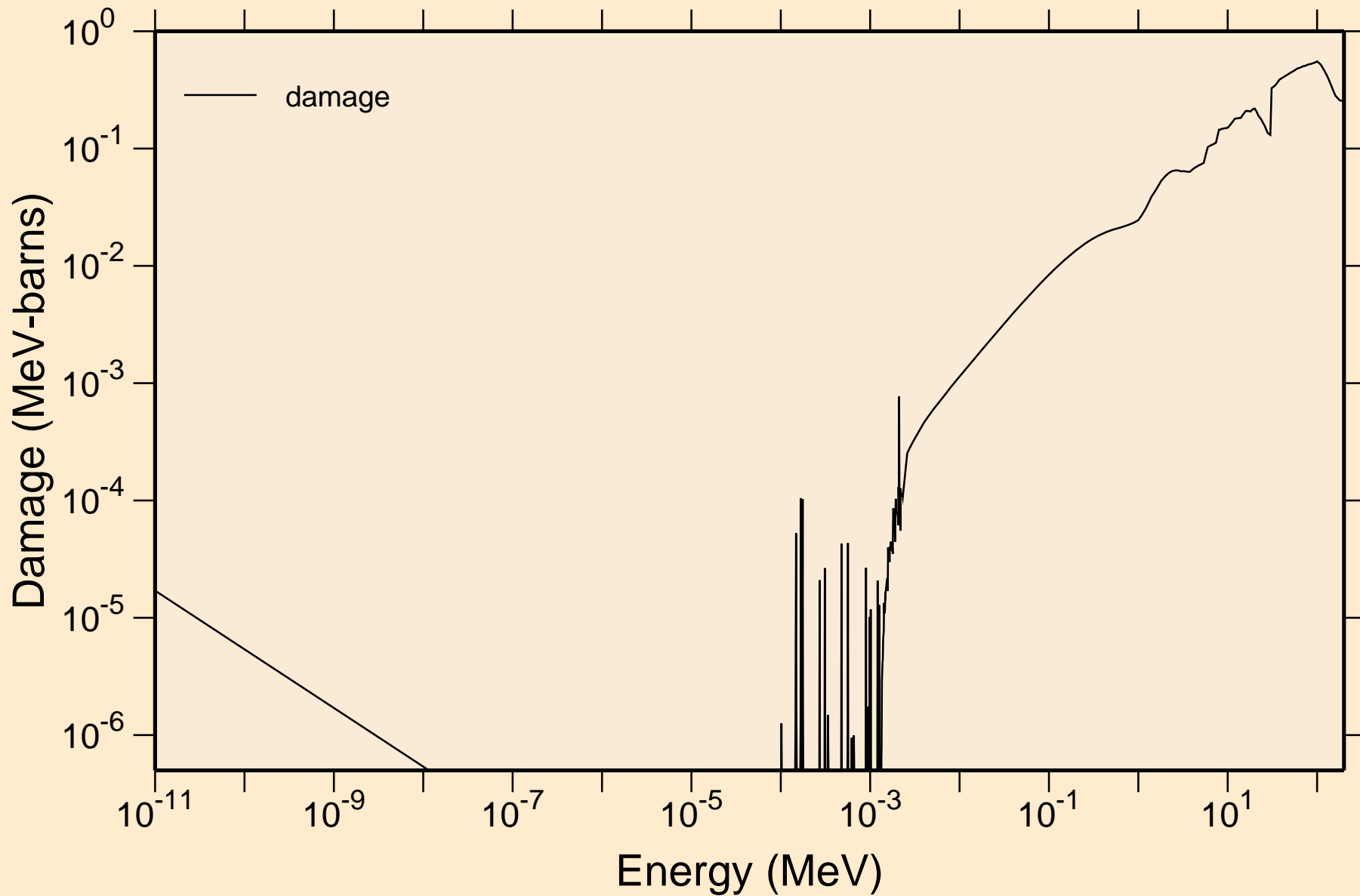


PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

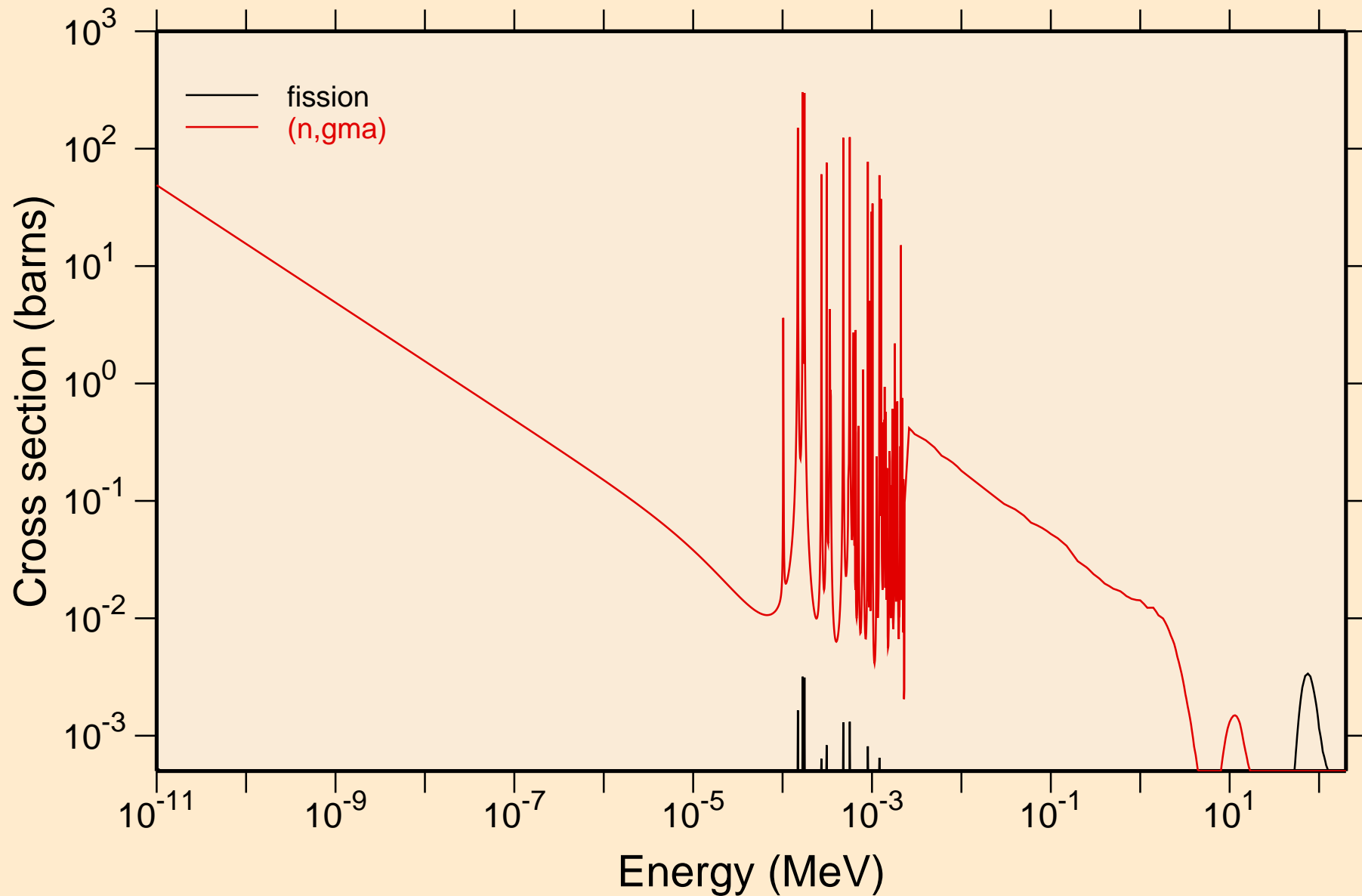




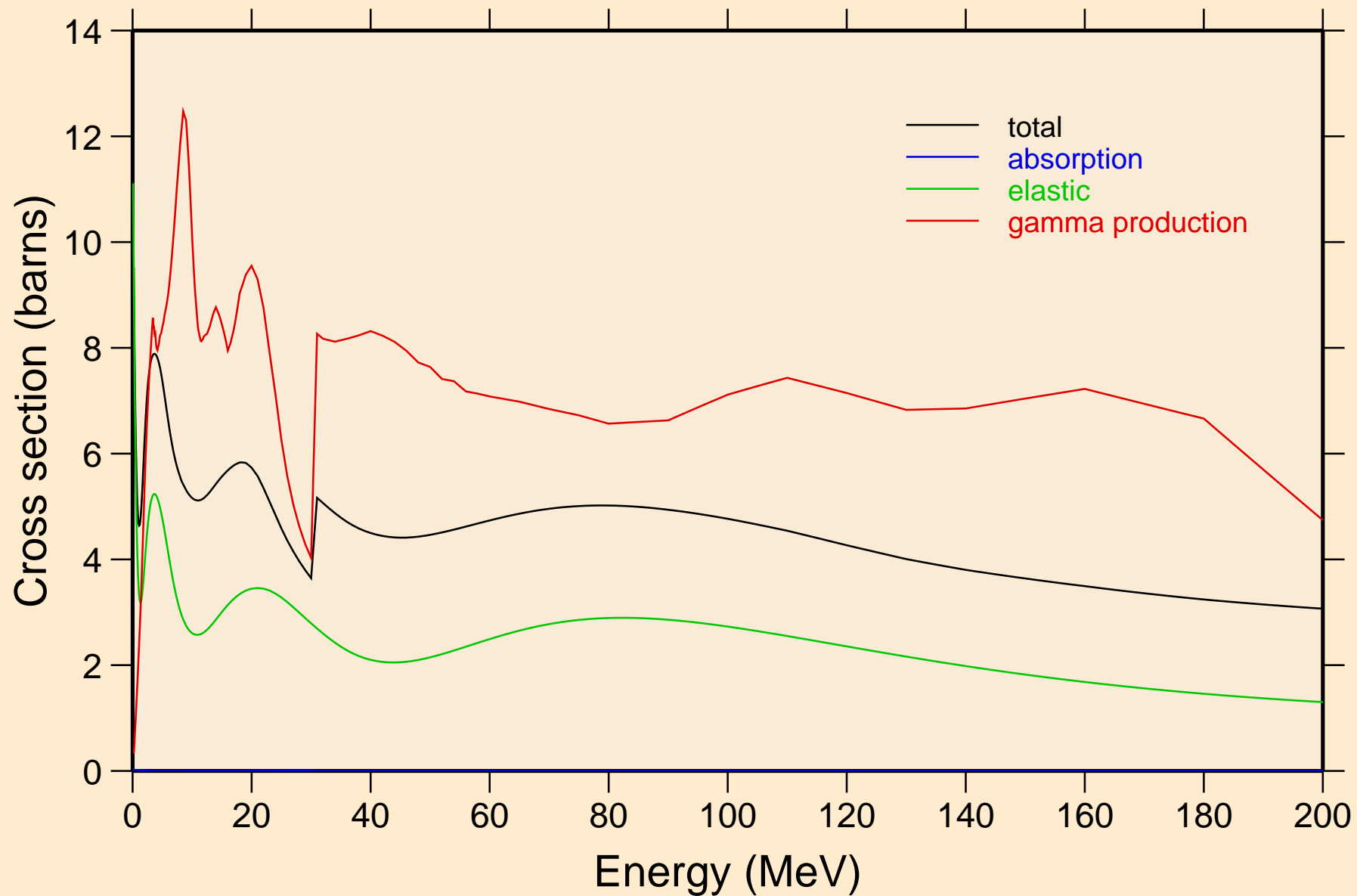
# PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage



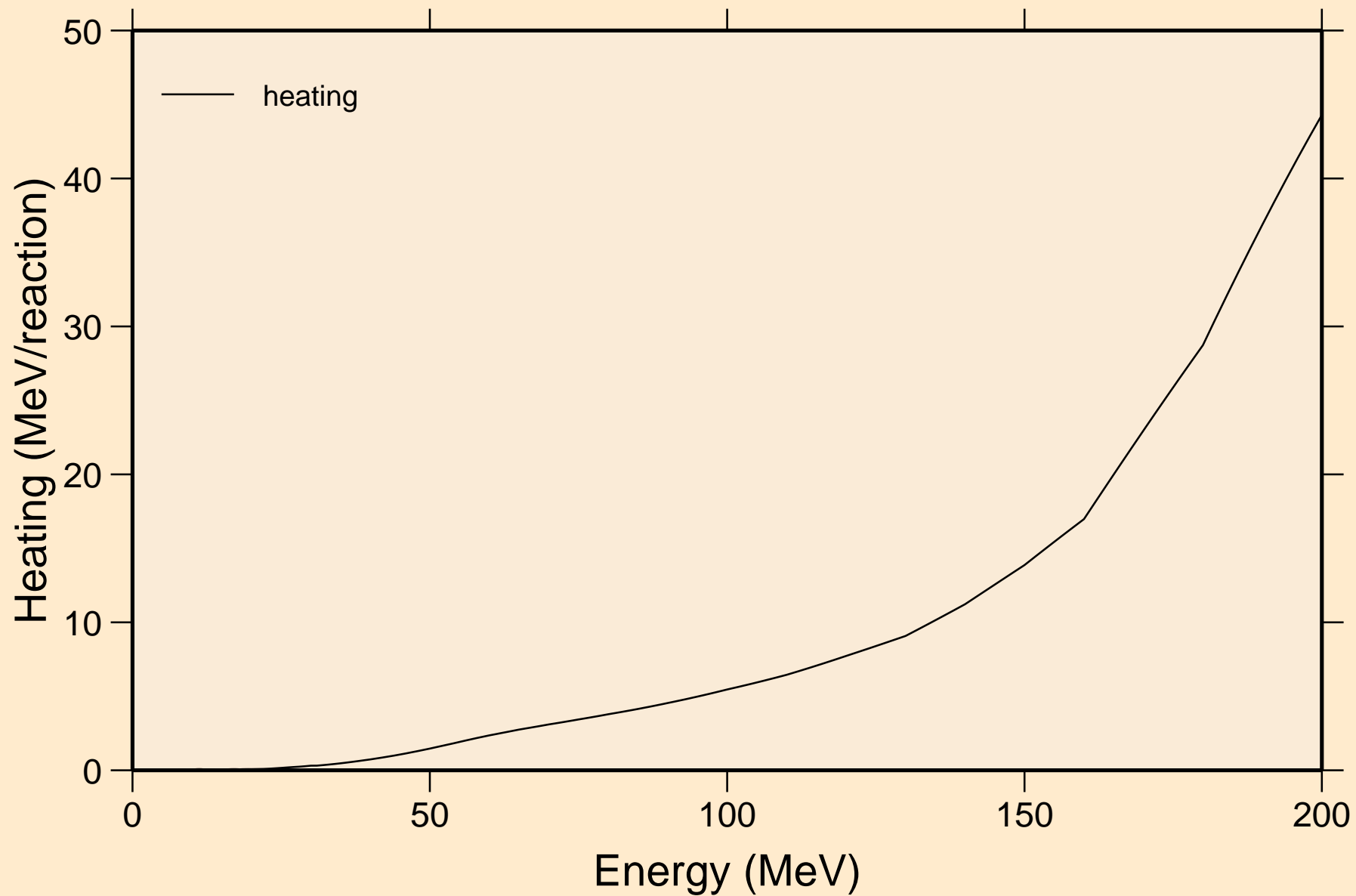
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Non-threshold reactions



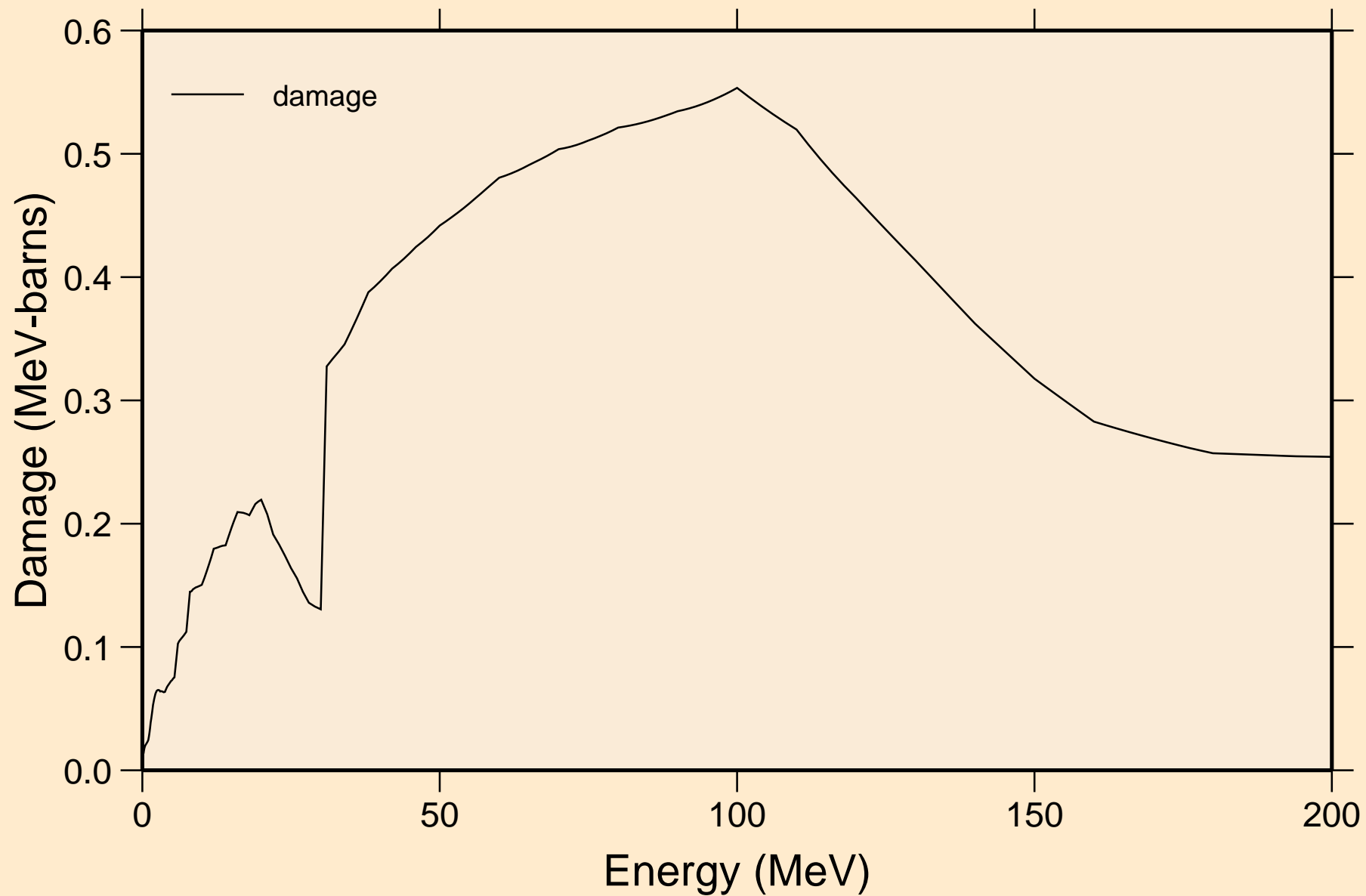
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Principal cross sections



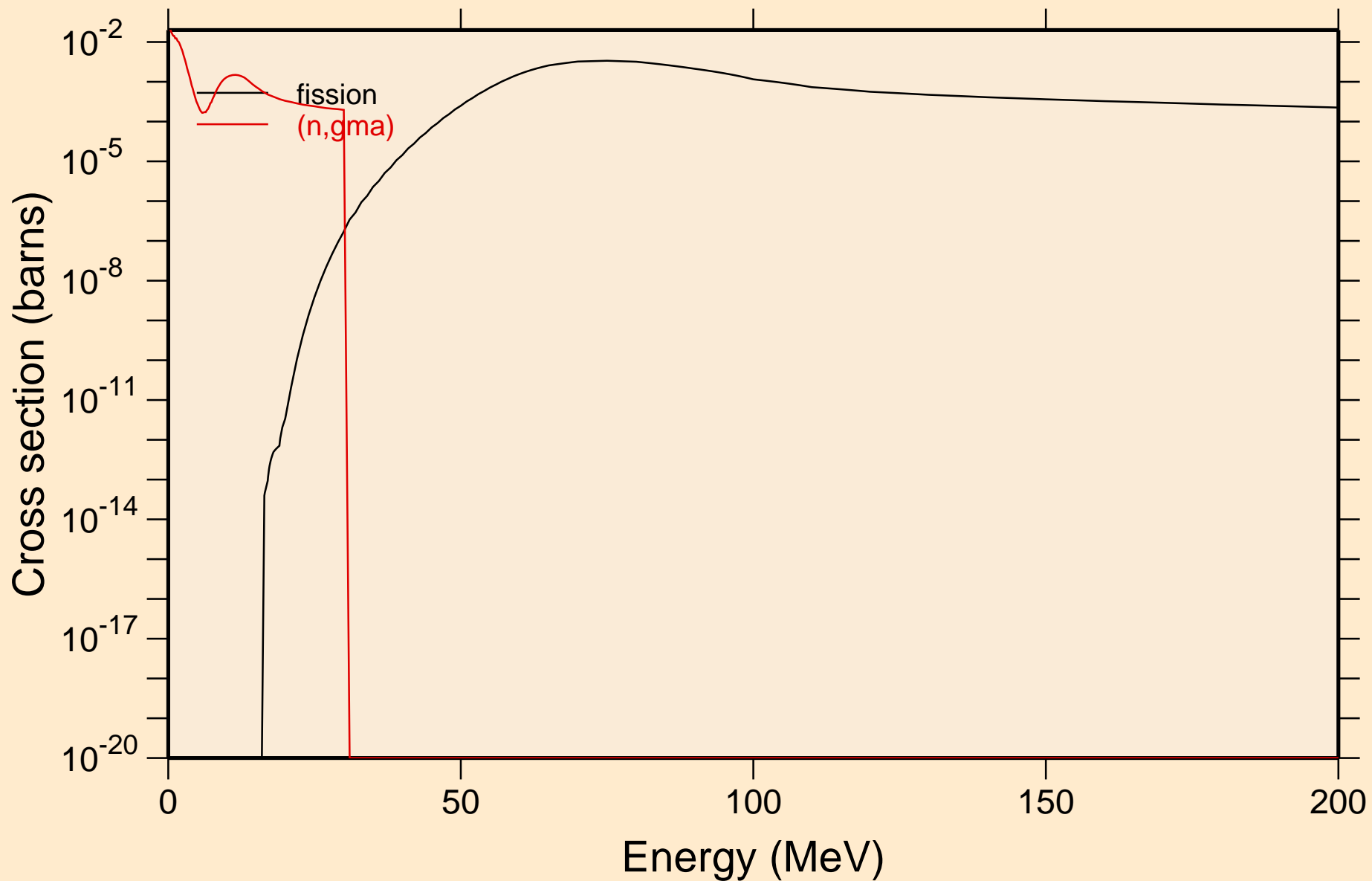
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



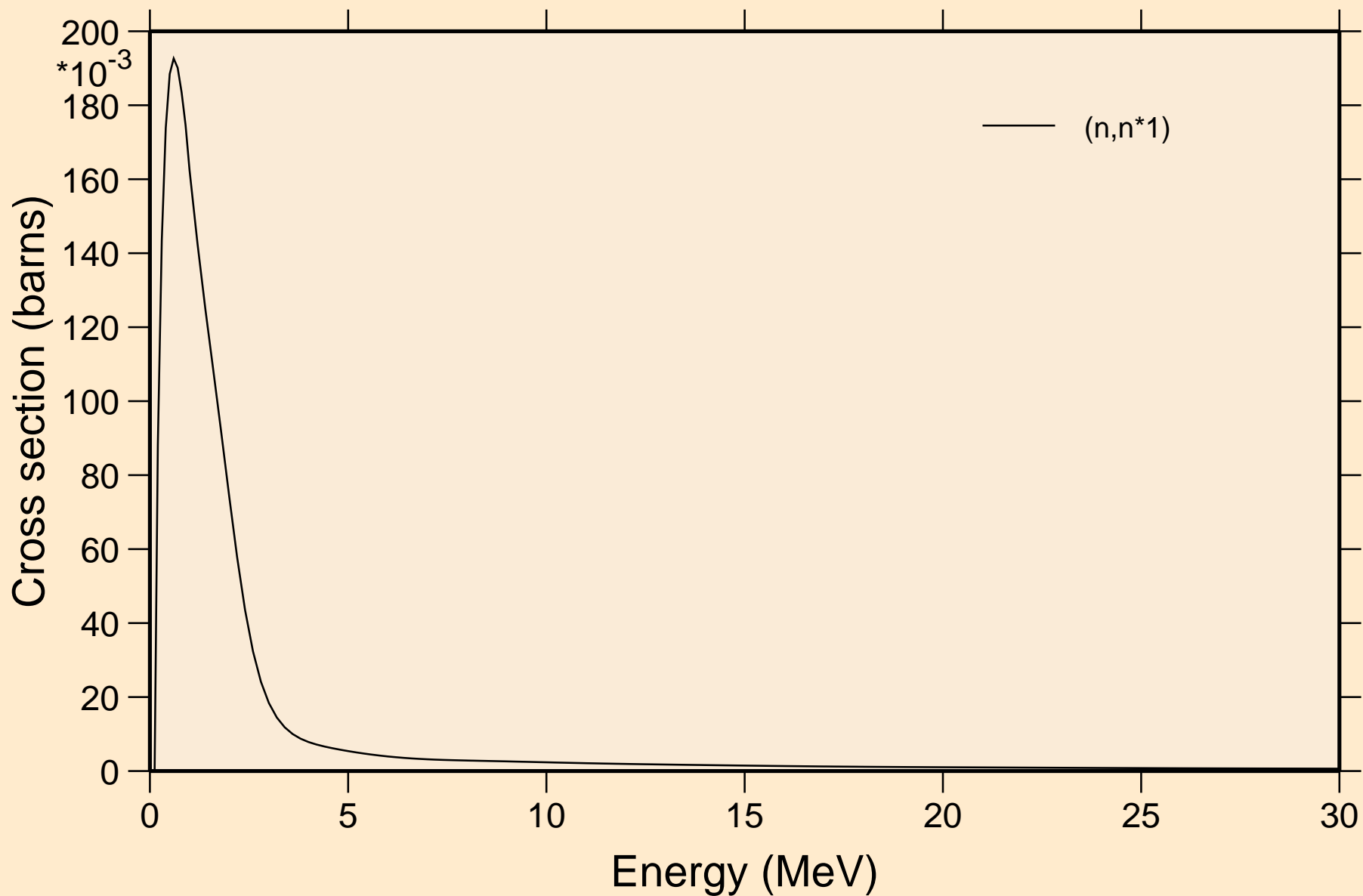
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Damage



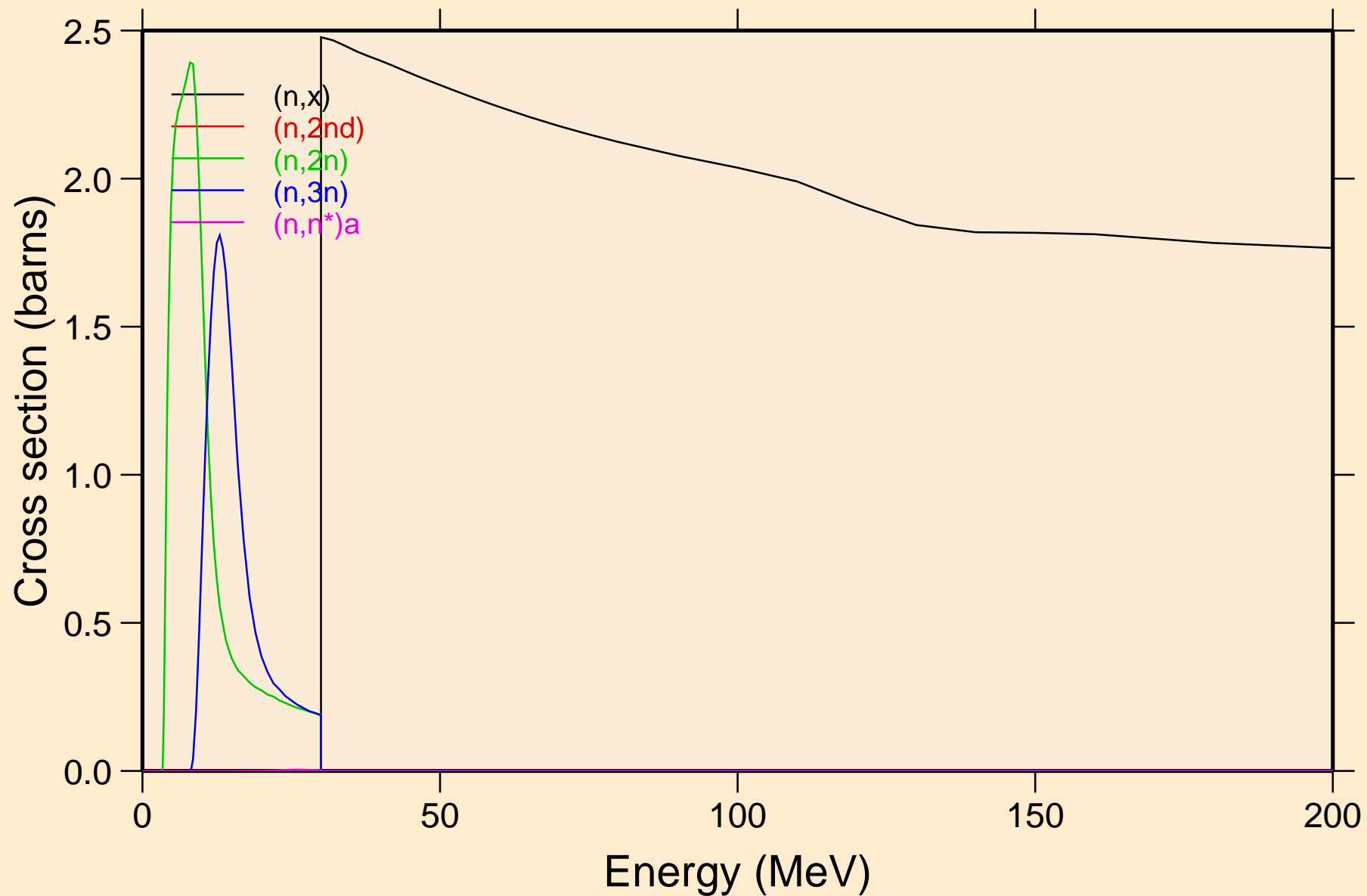
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

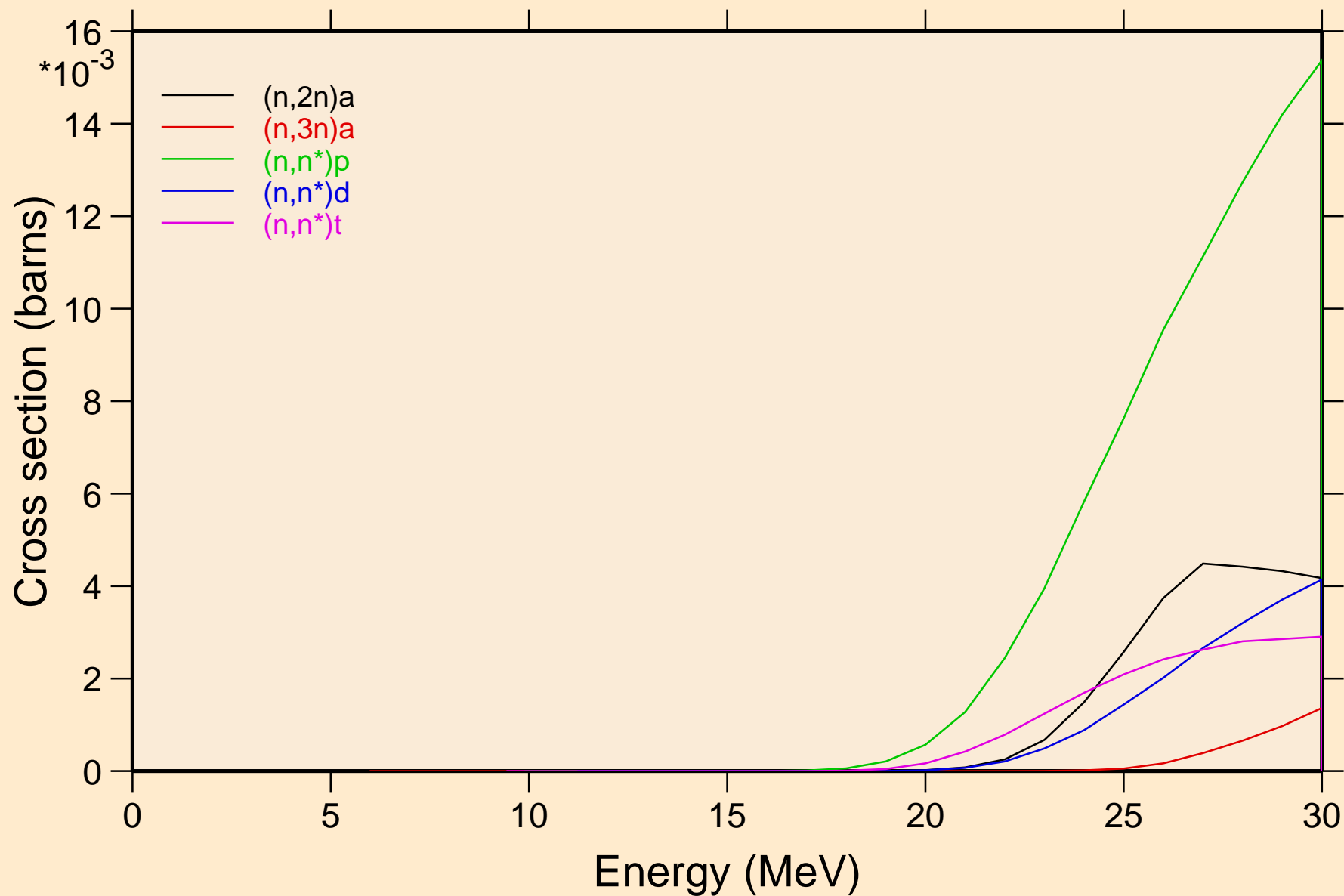


PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

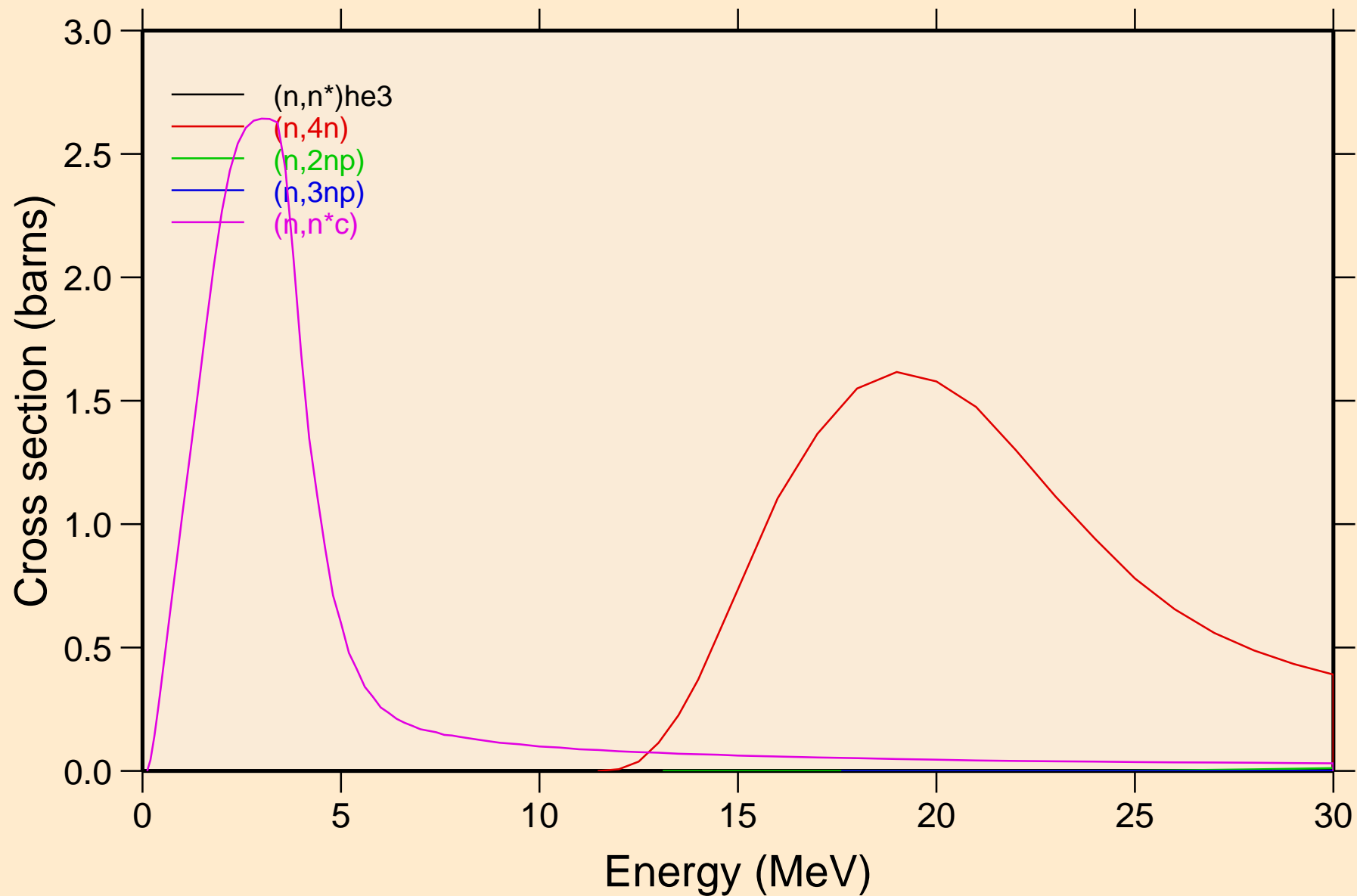




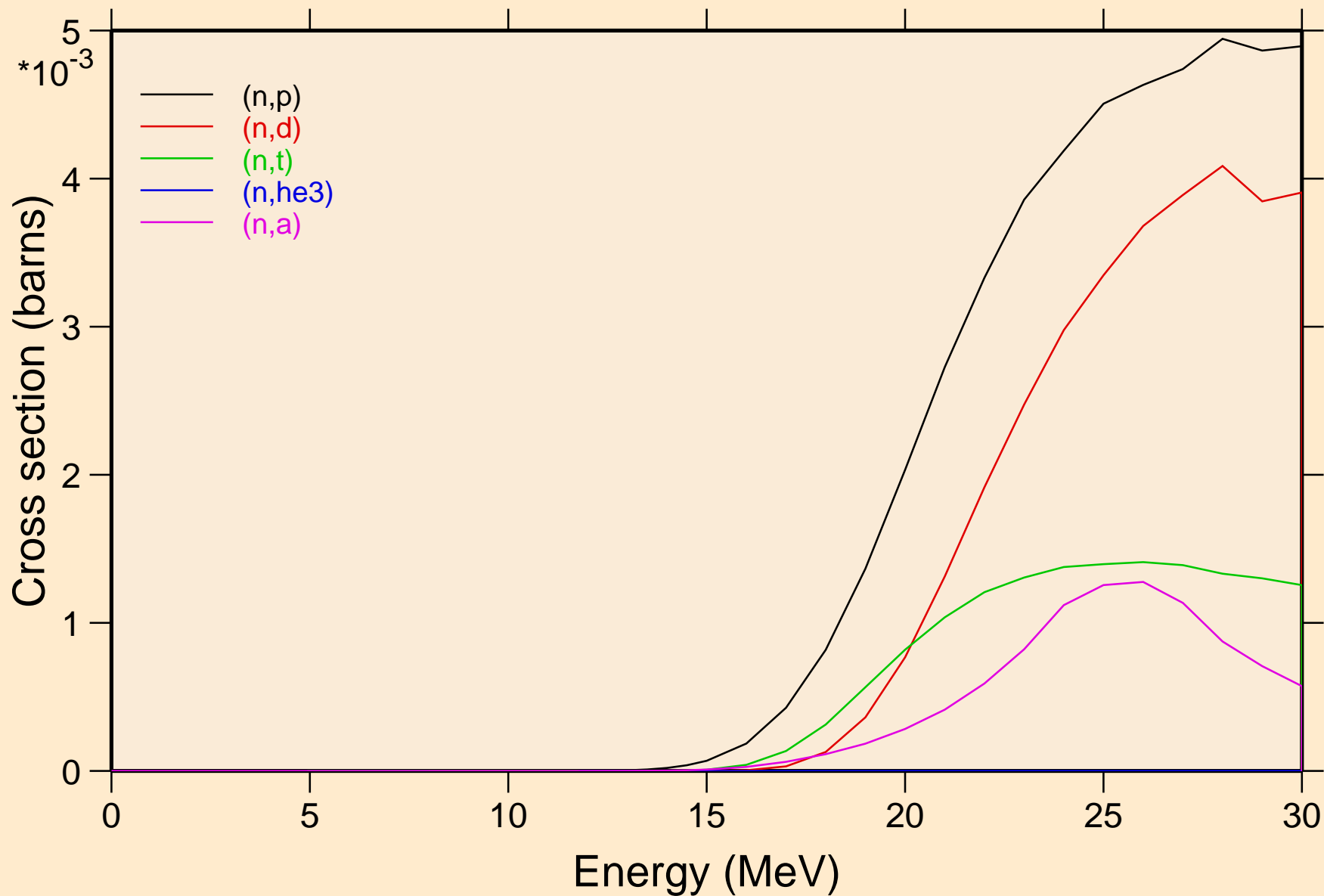
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



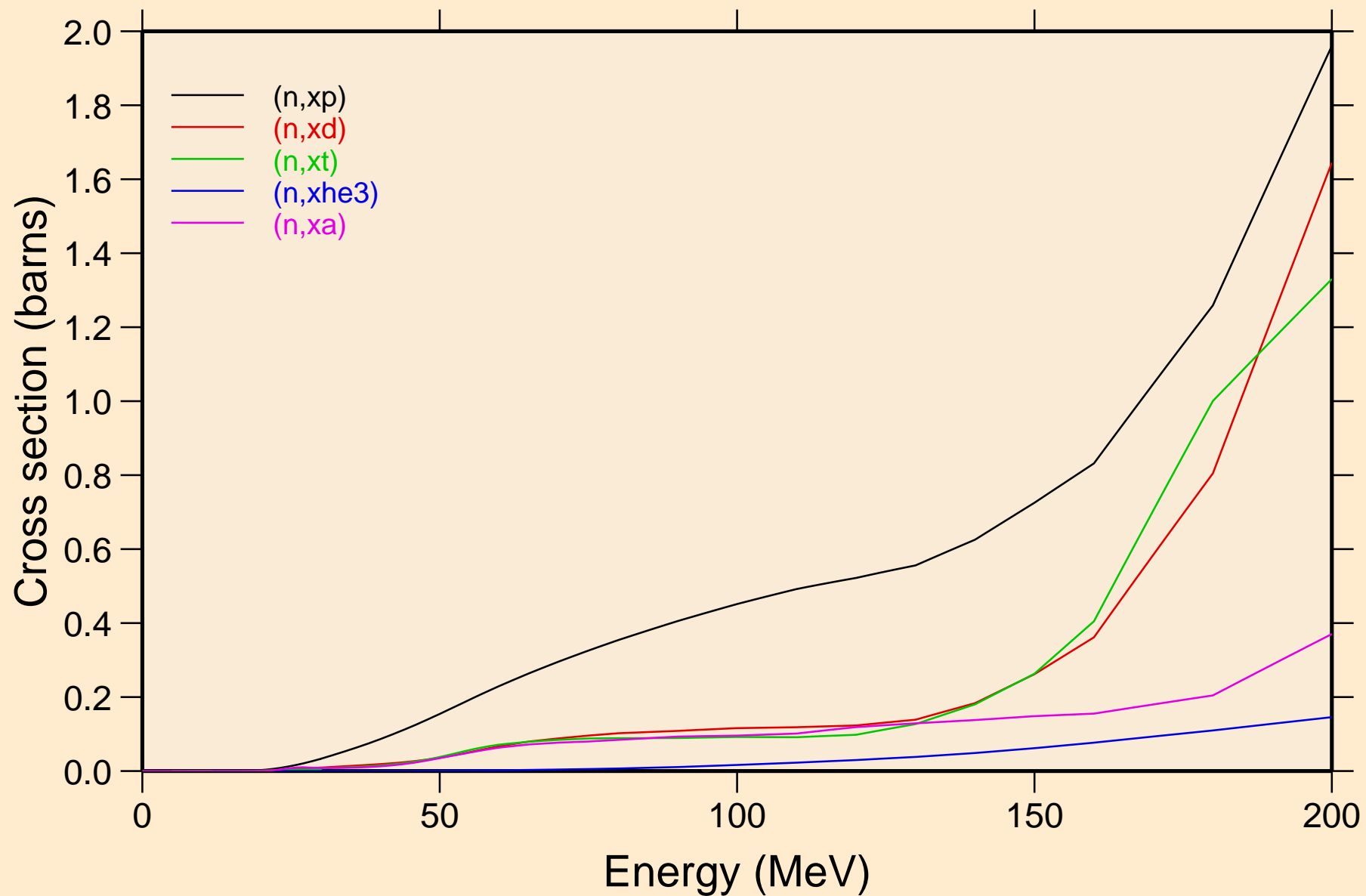
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Threshold reactions



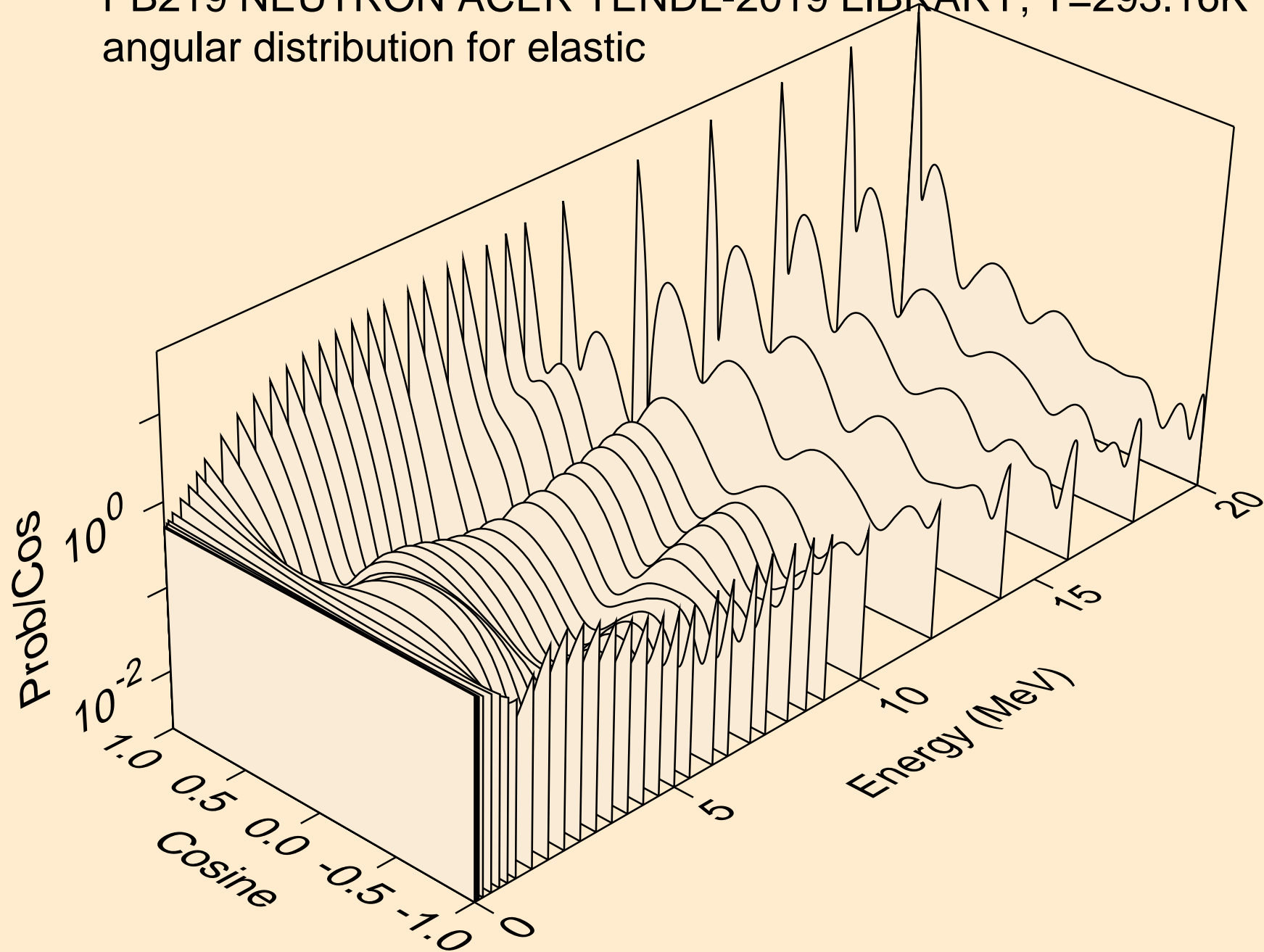
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



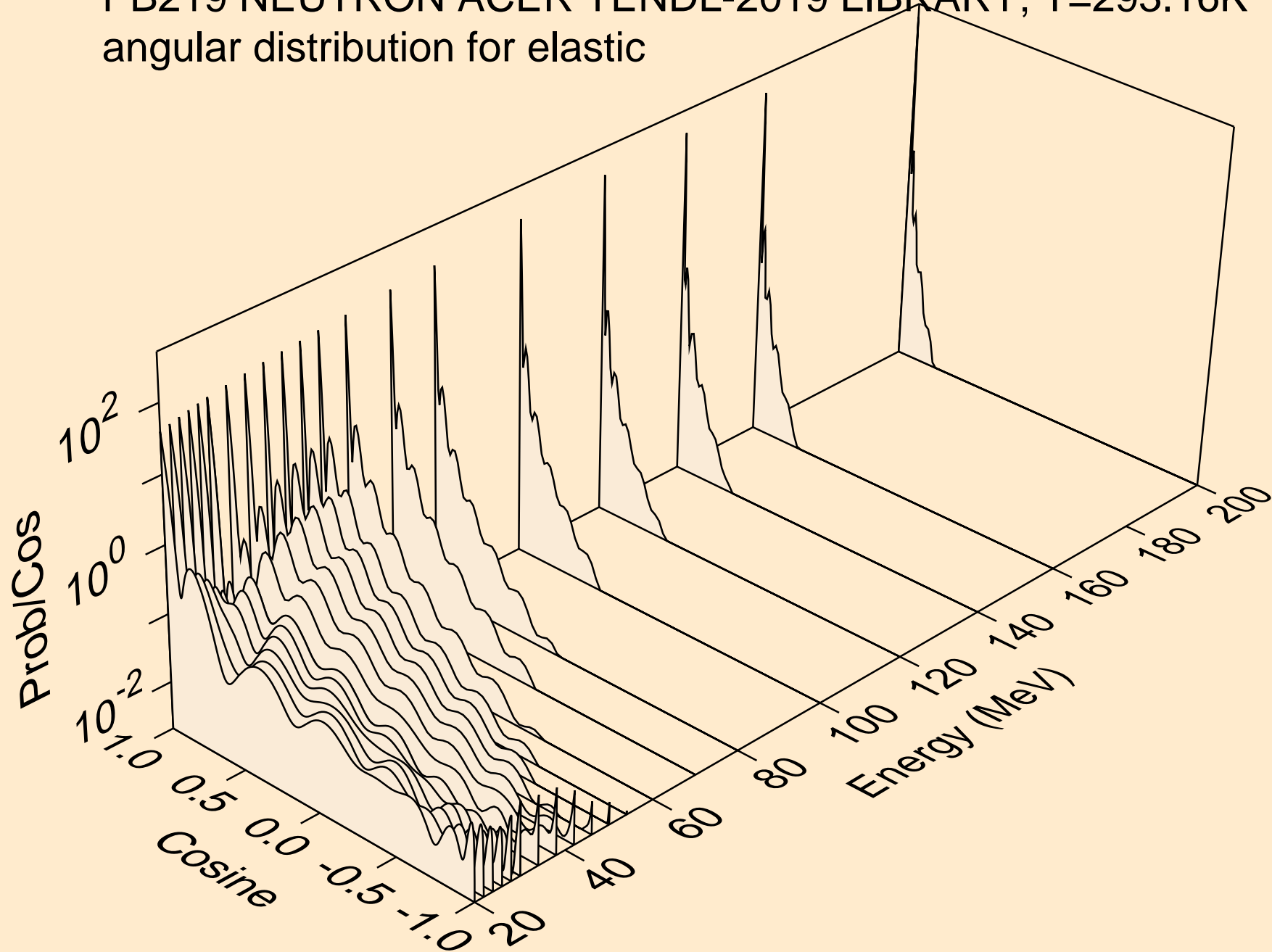
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Threshold reactions



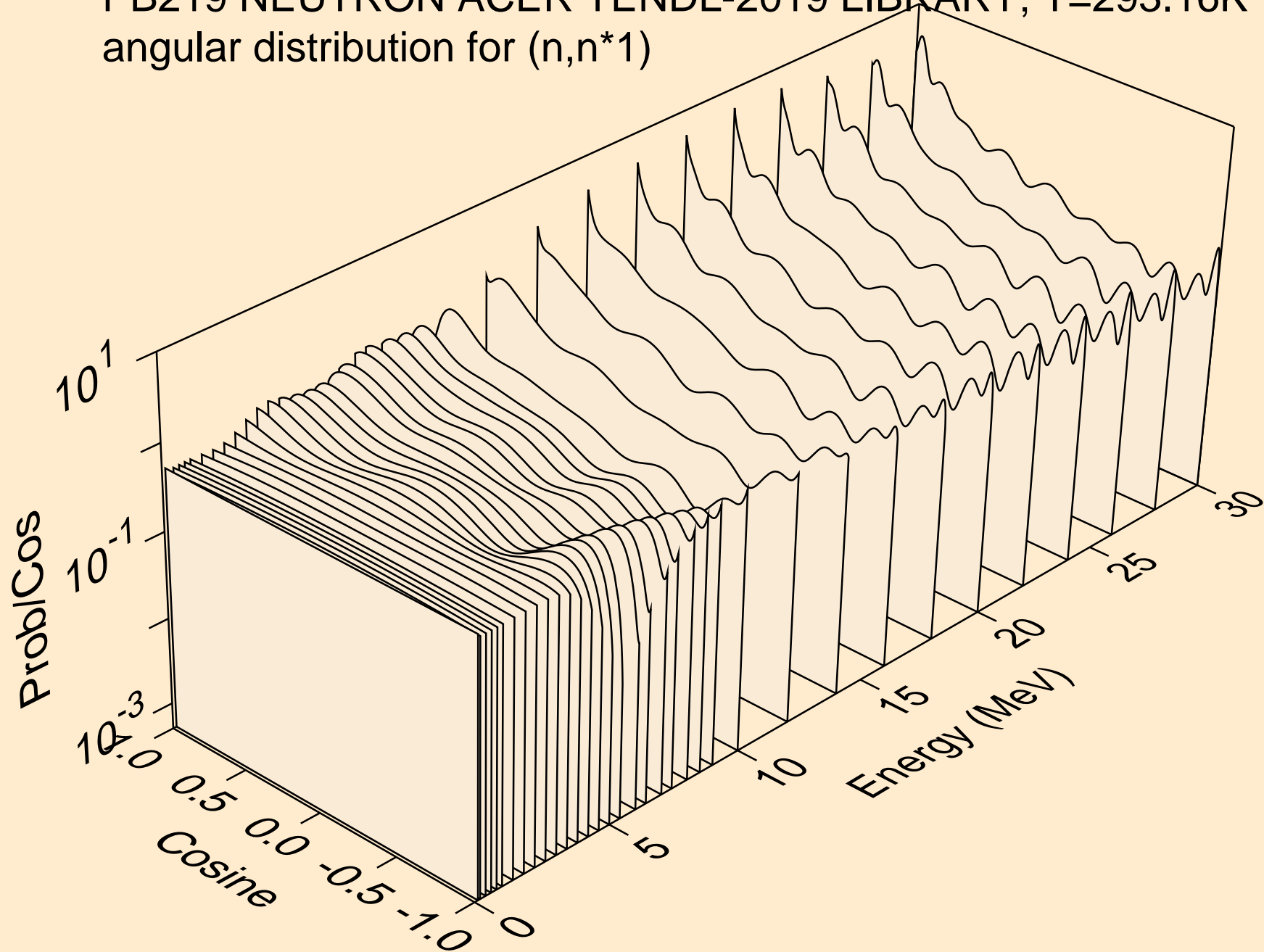
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angular distribution for elastic



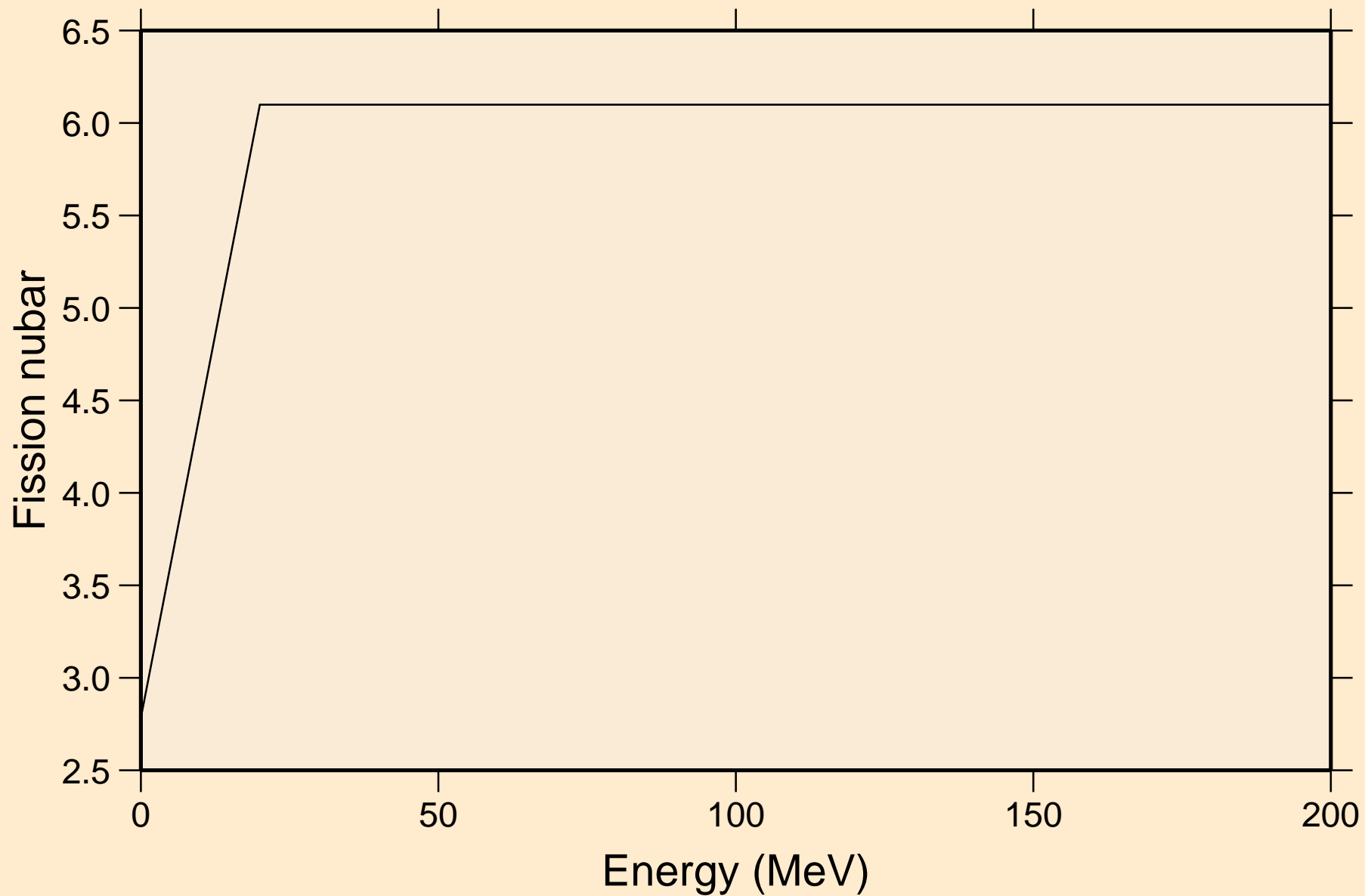
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

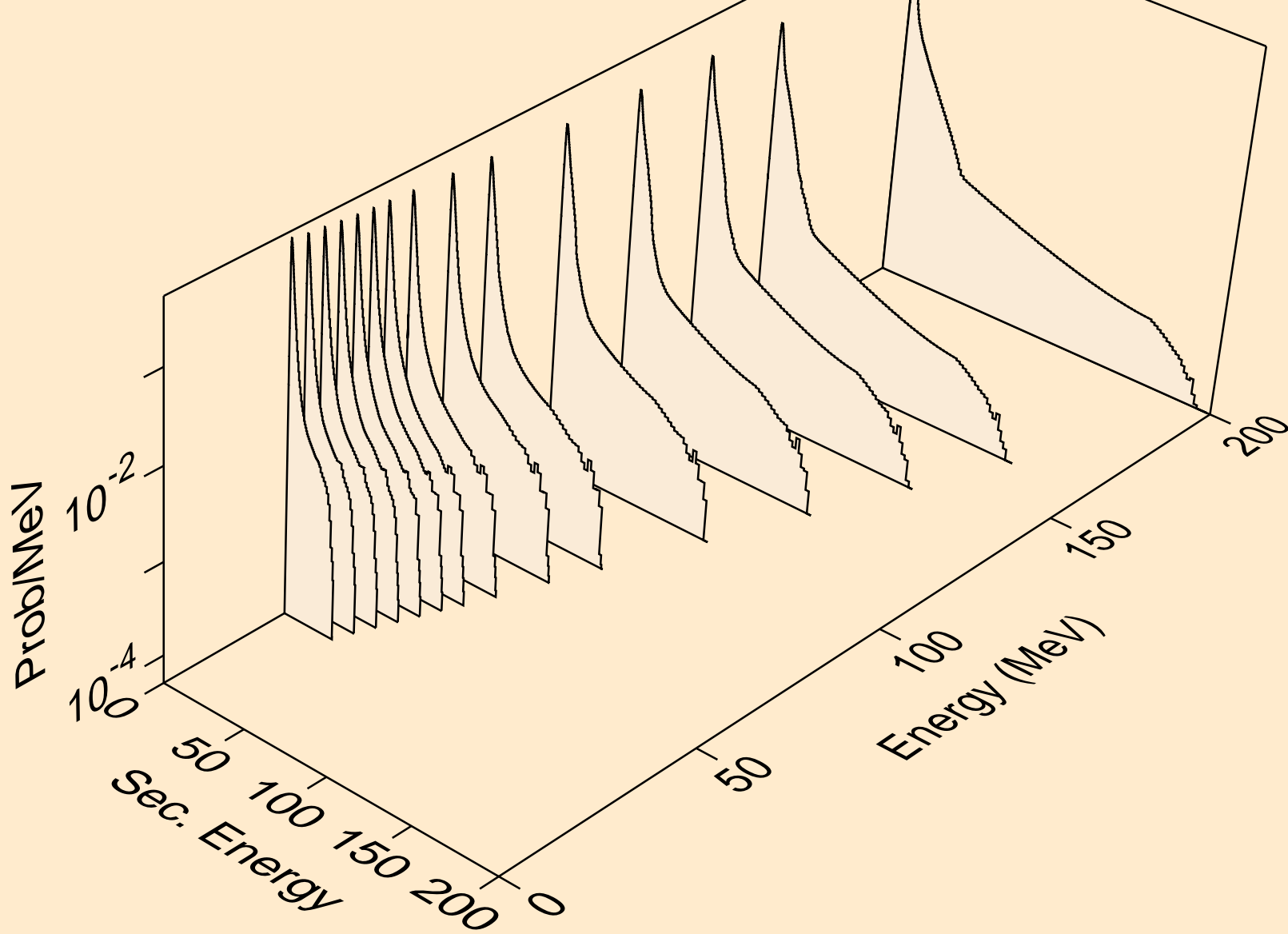


PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Total fission nubar

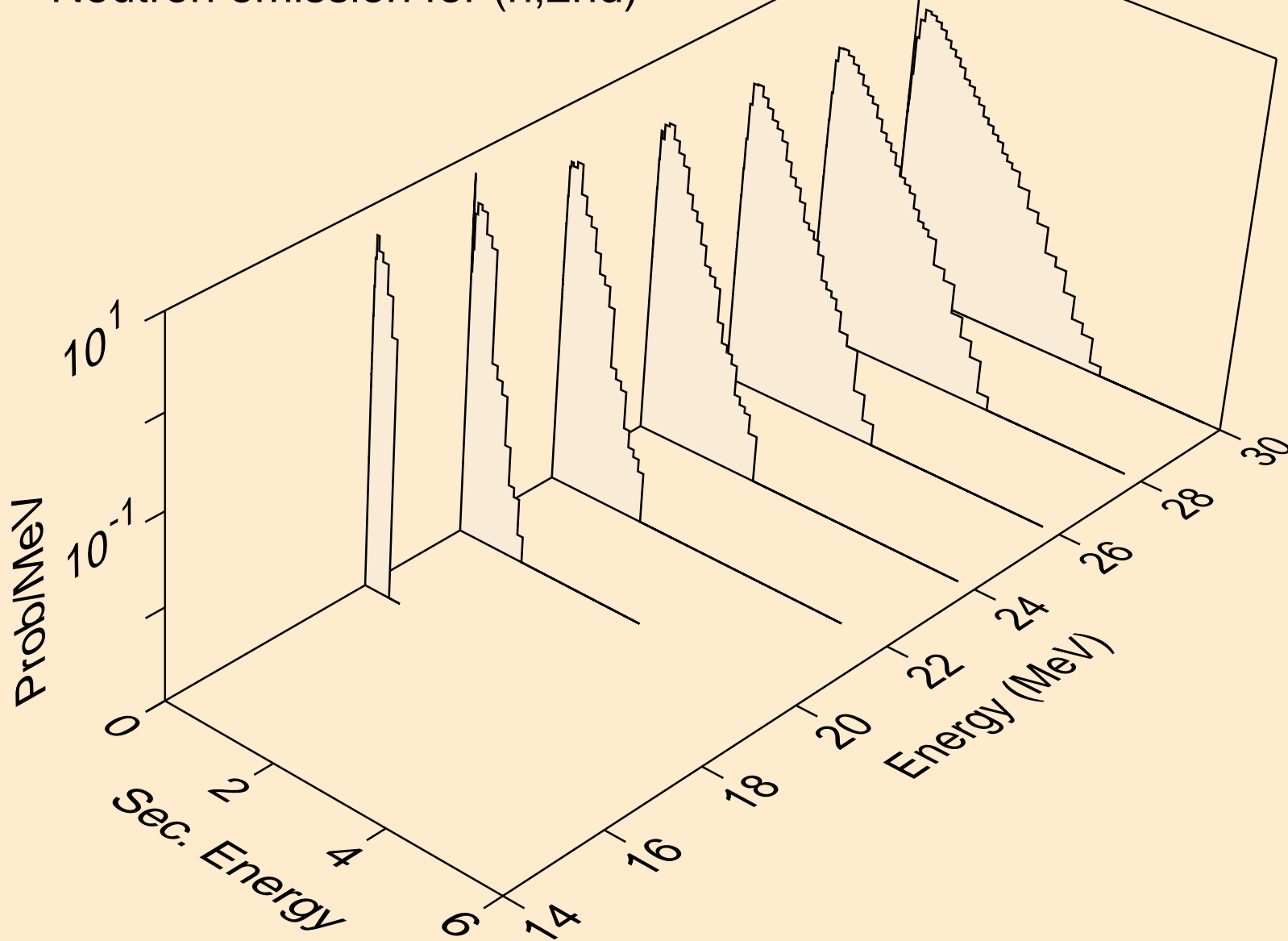




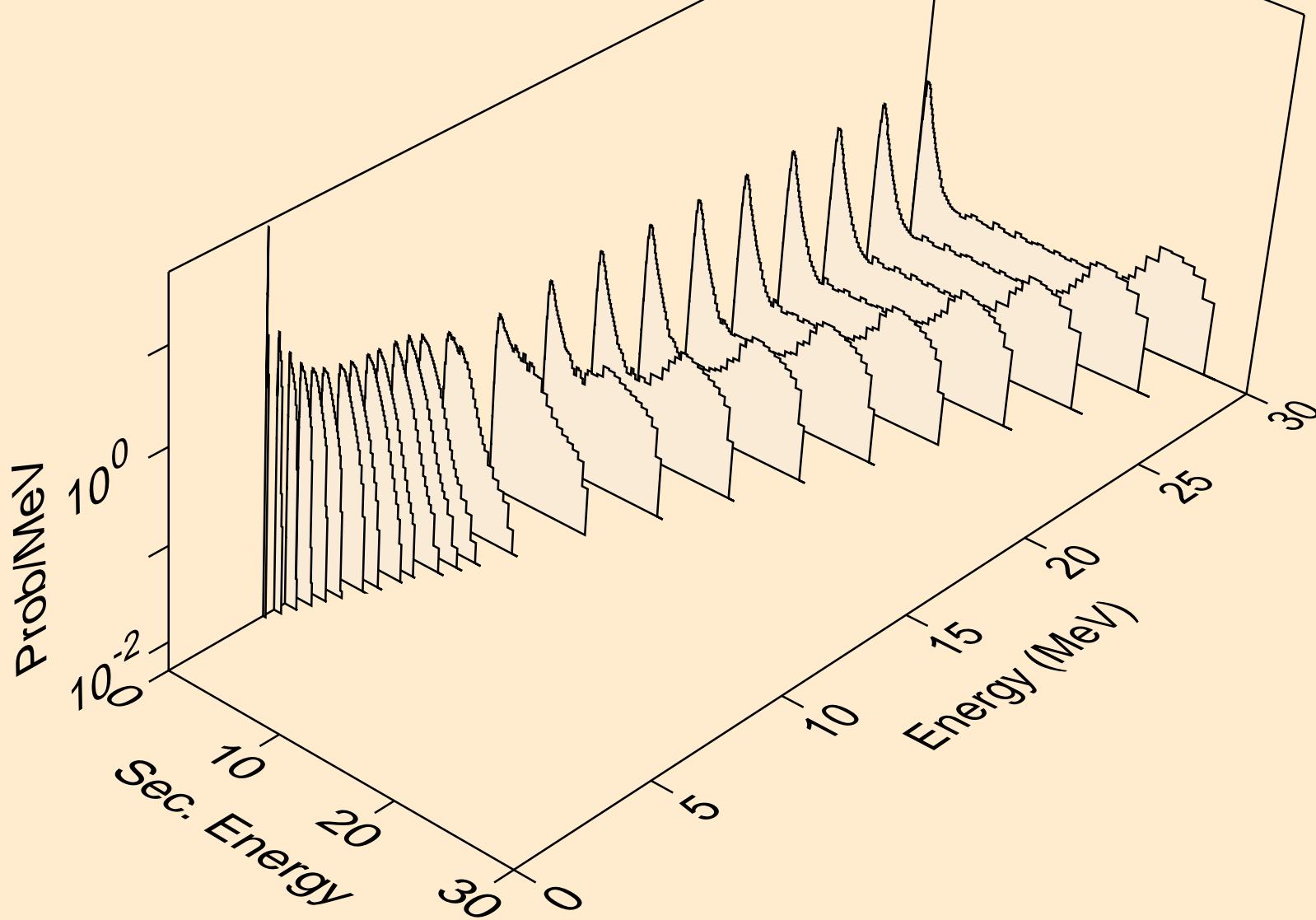
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



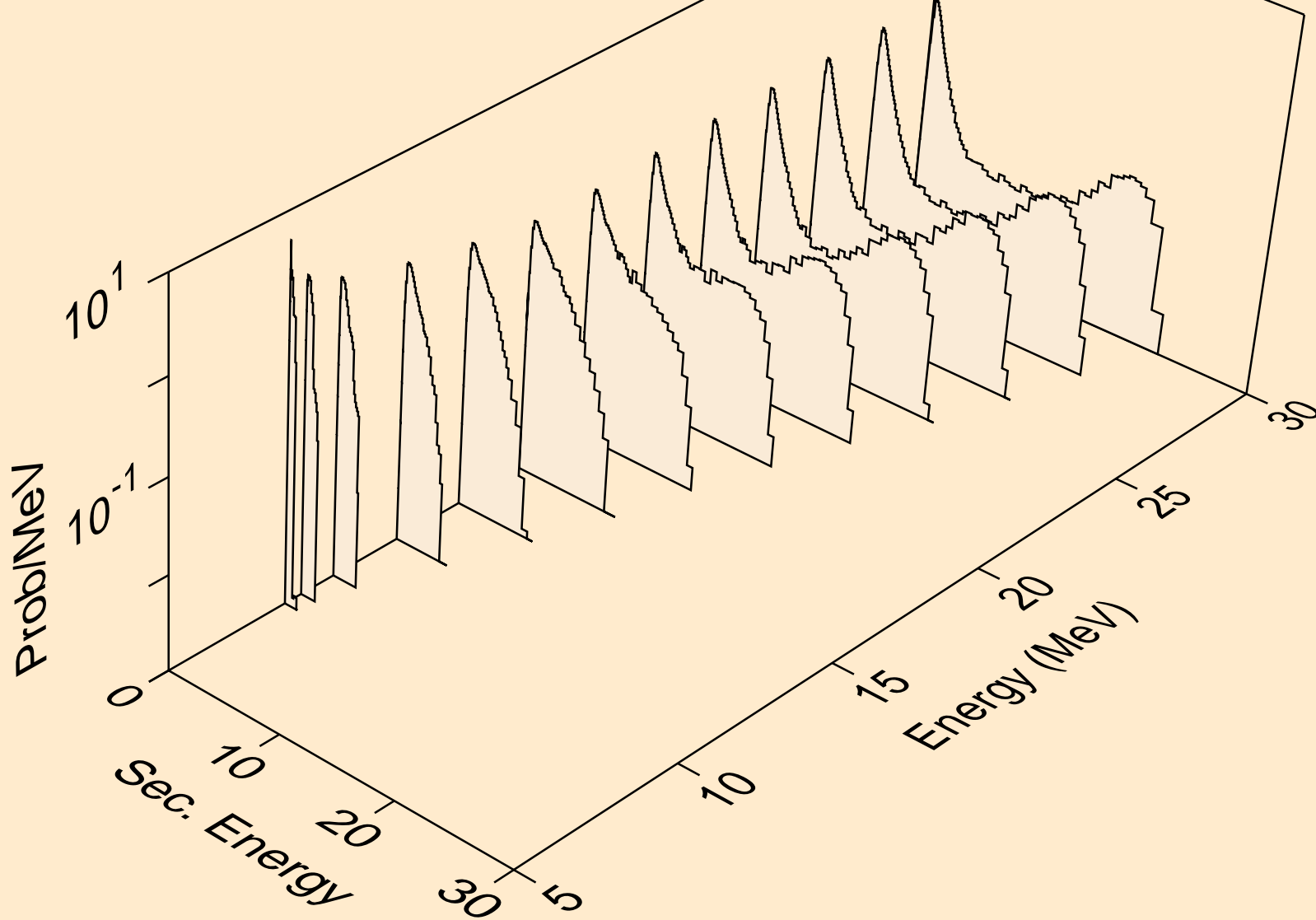
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



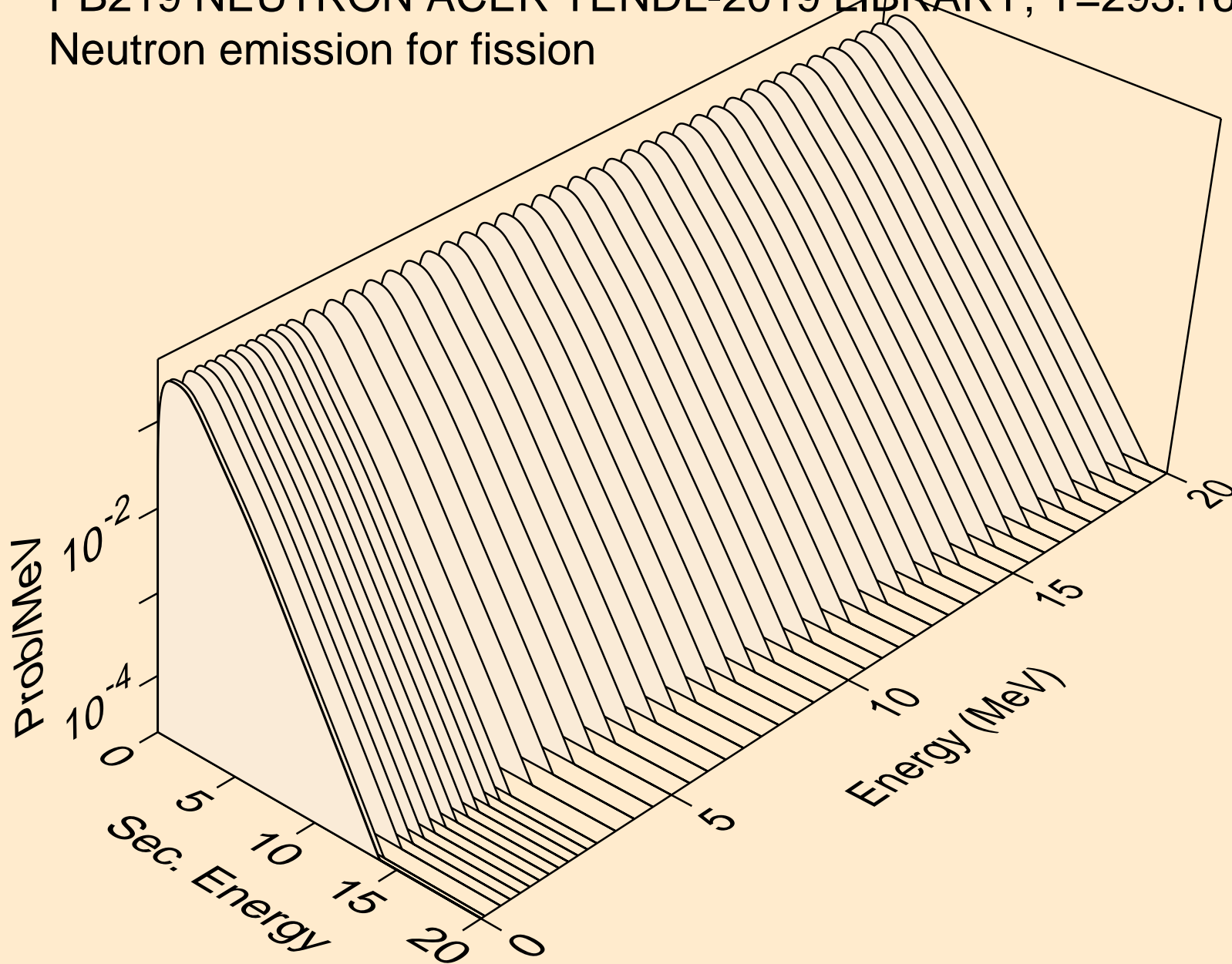
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



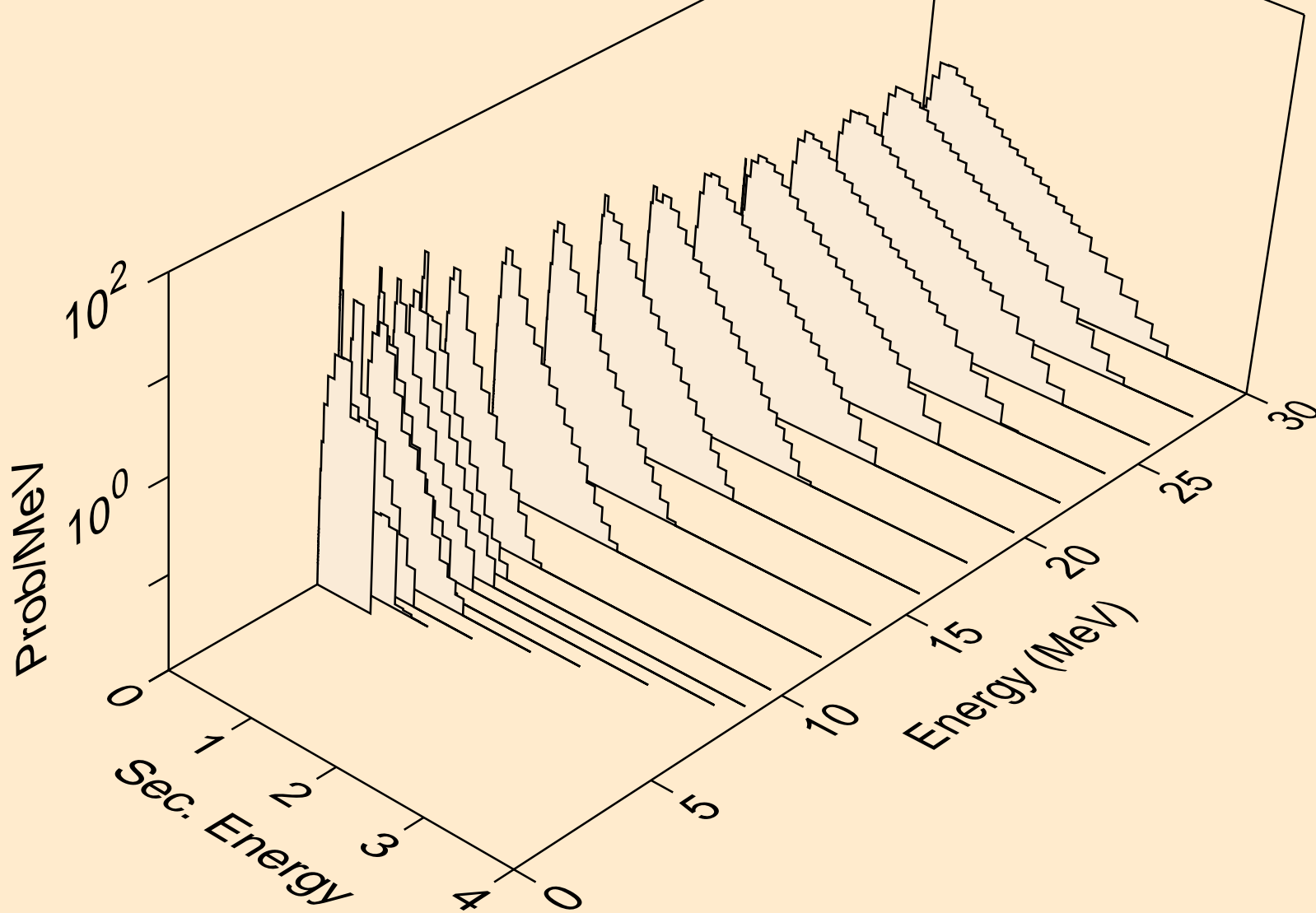
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Neutron emission for (n,3n)



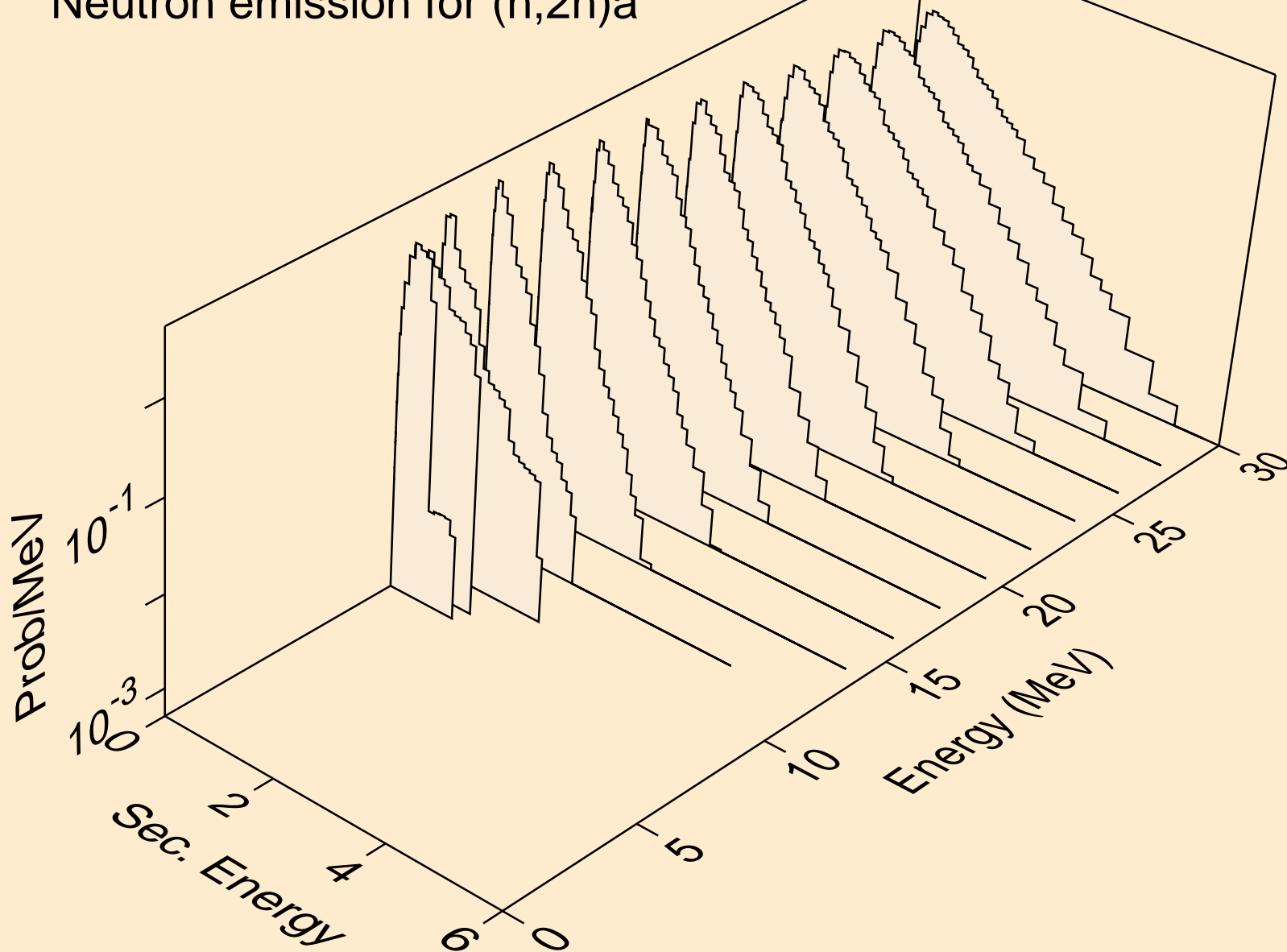
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Neutron emission for fission



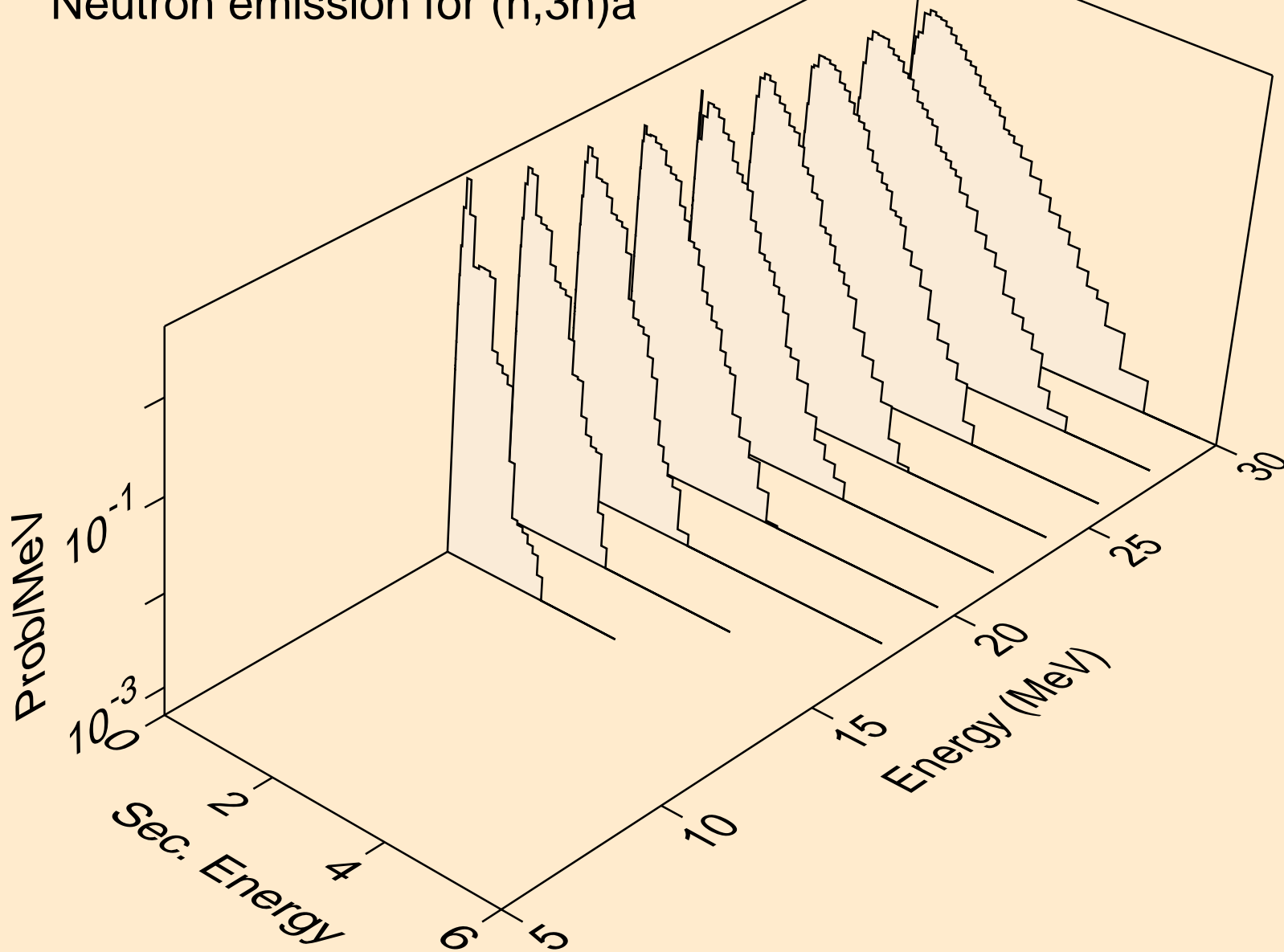
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

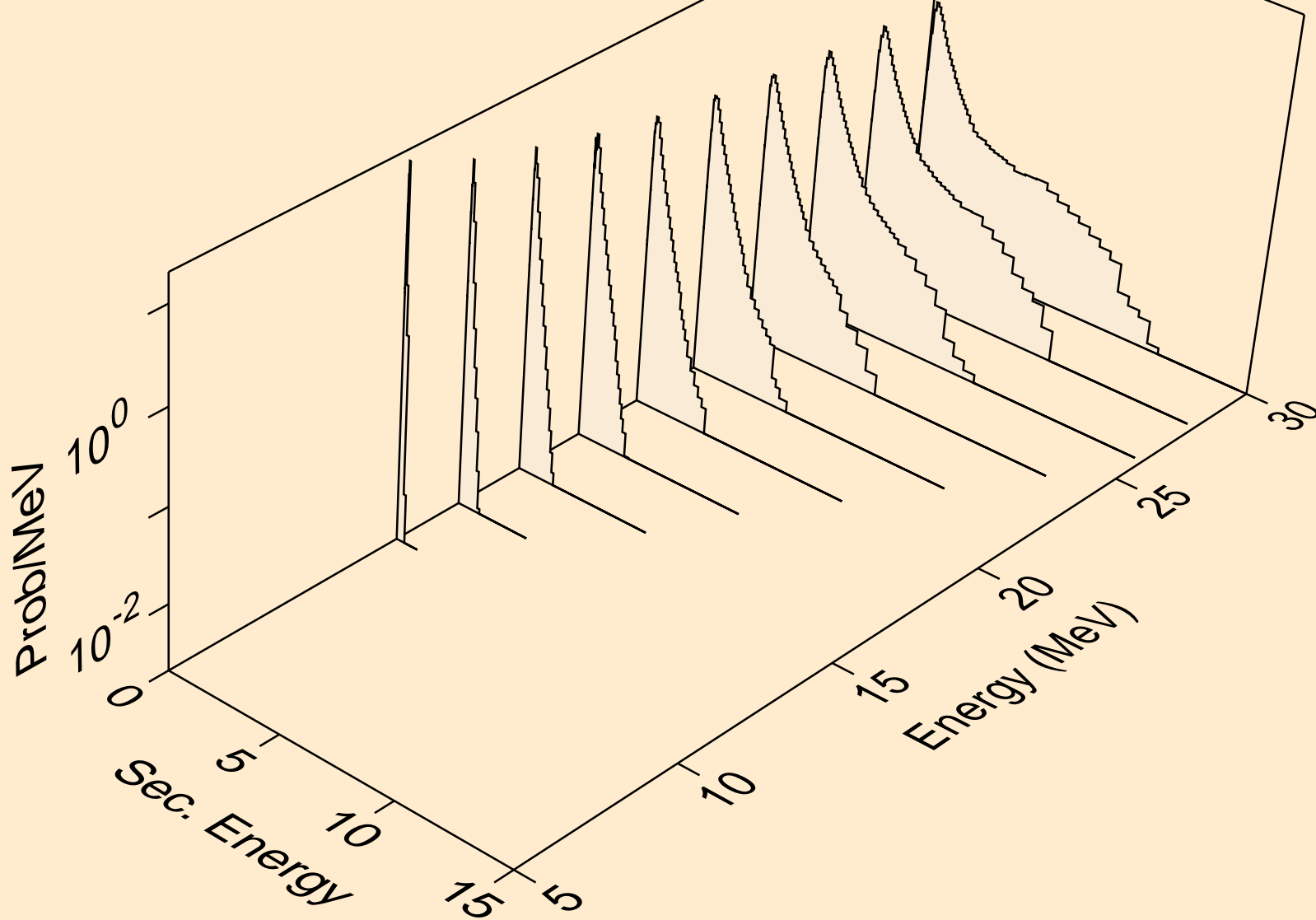


PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a

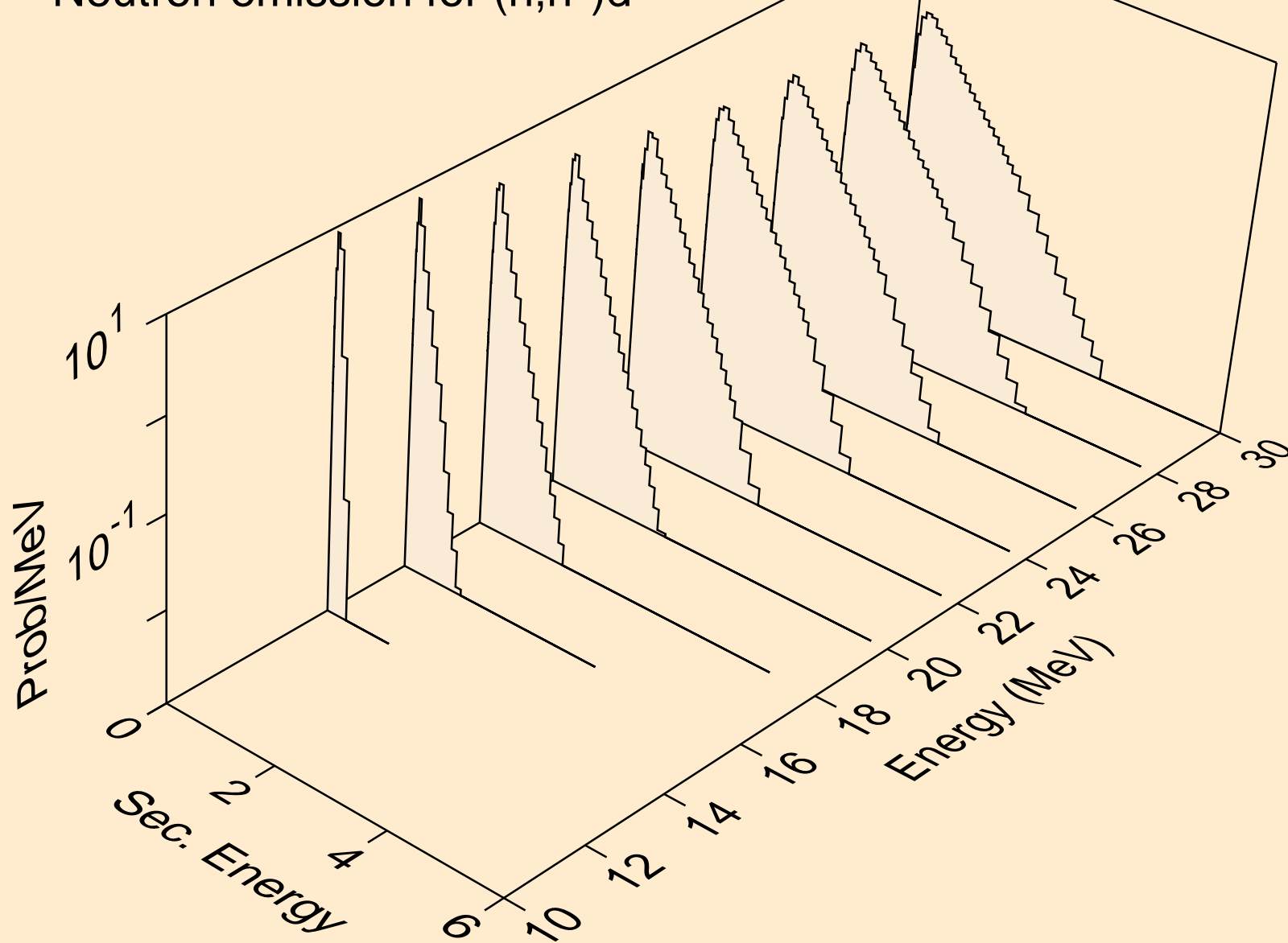




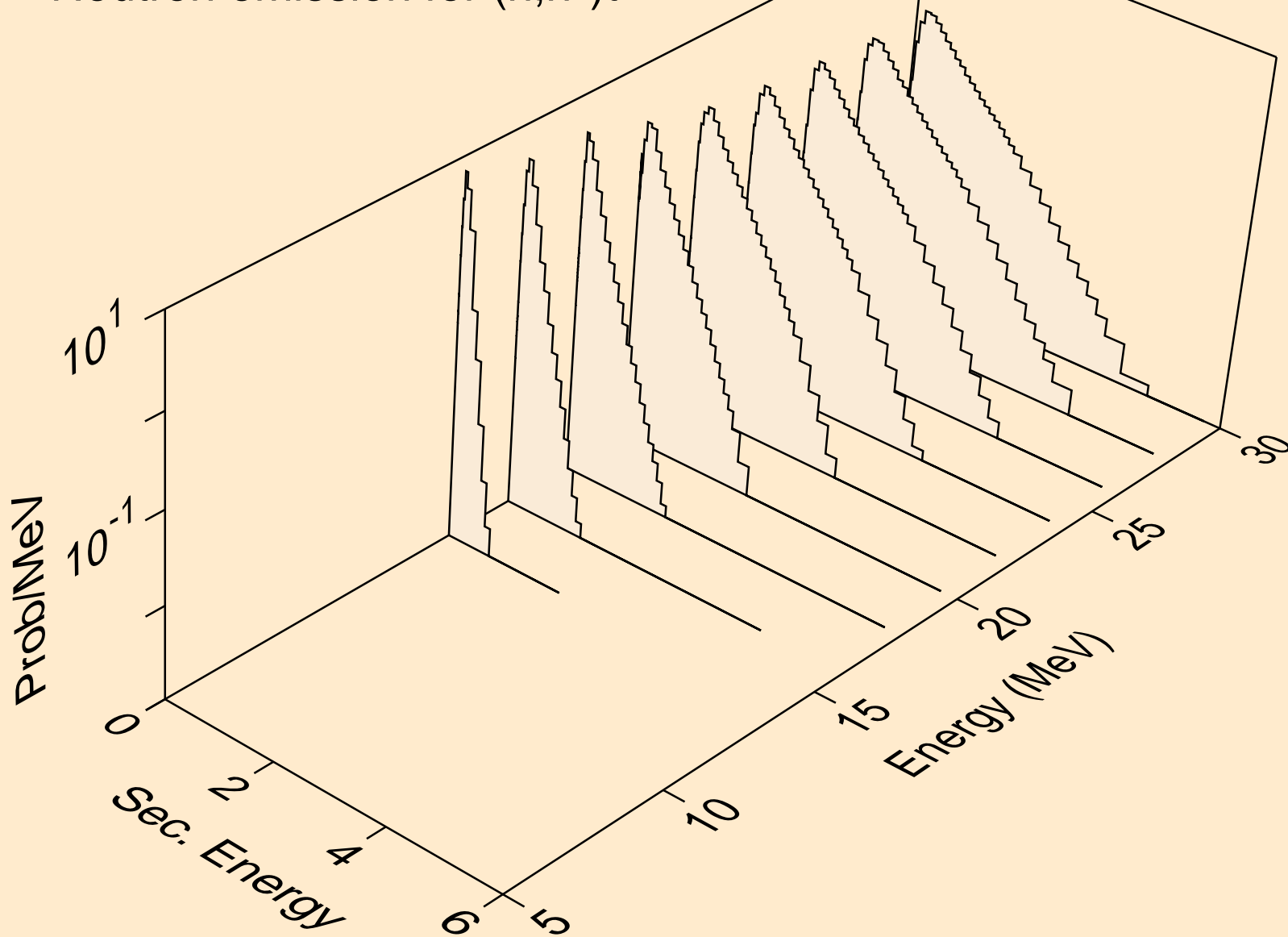
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Neutron emission for (n,n\*)p



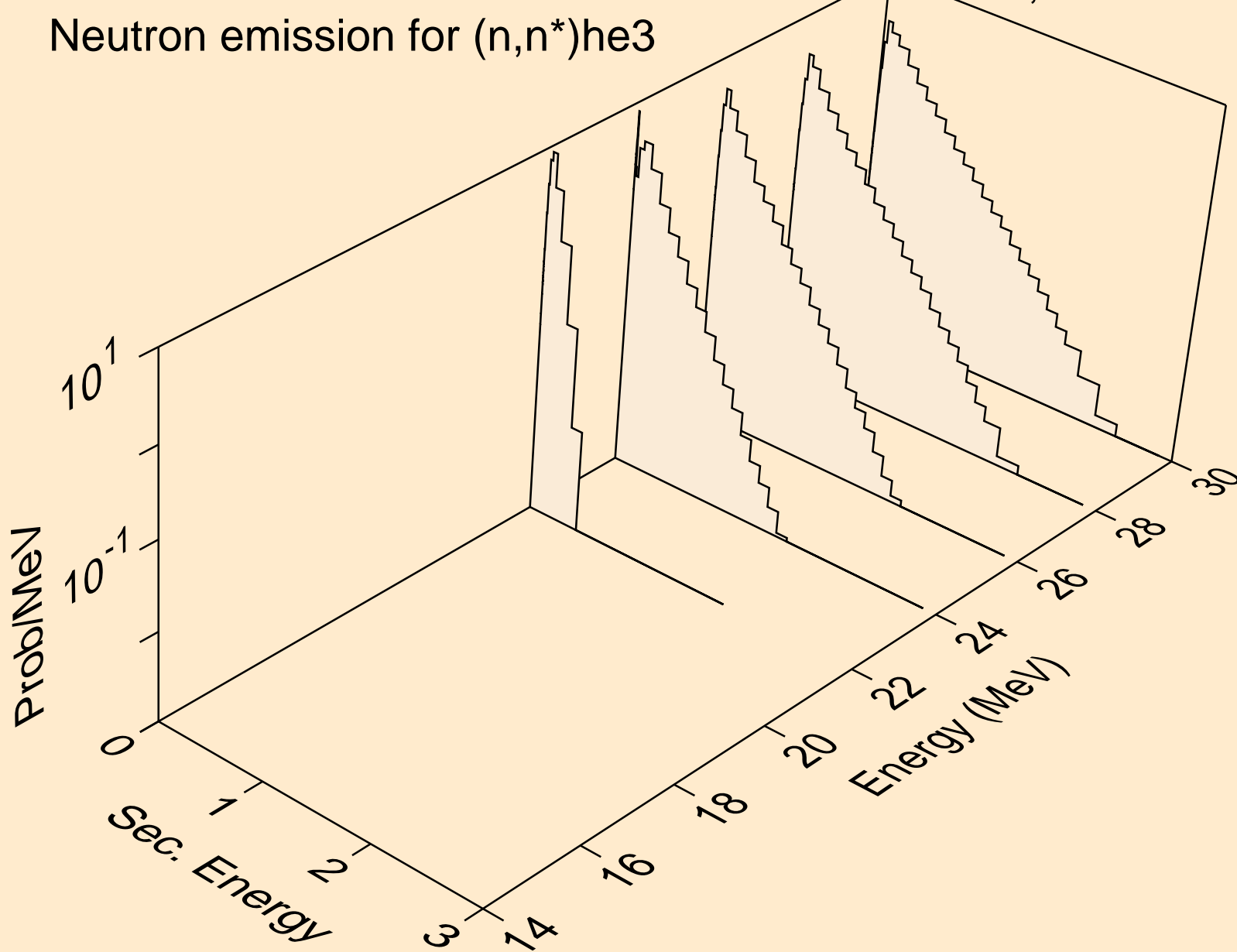
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Neutron emission for (n,n\*)d



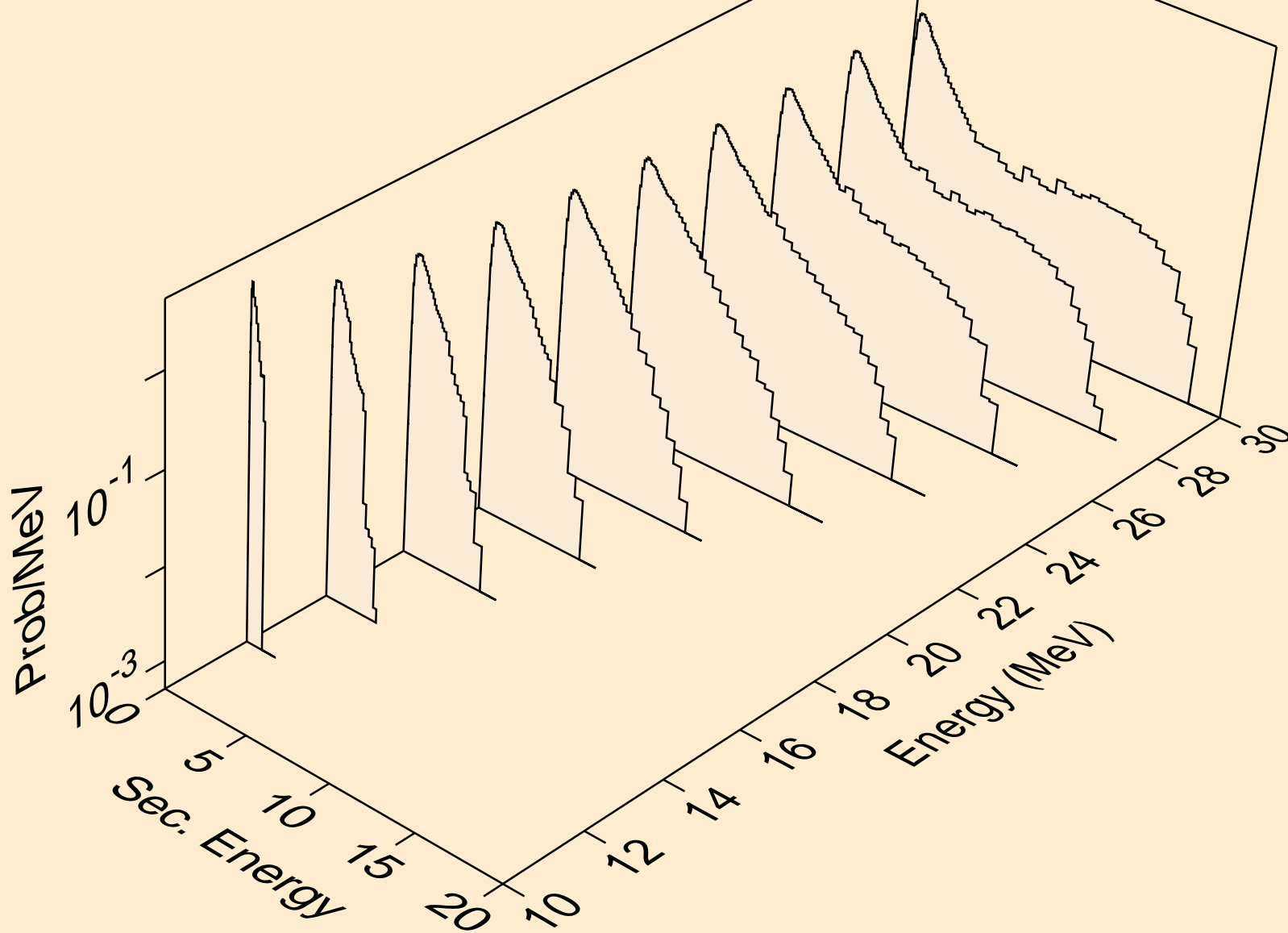
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Neutron emission for (n,n\*)t



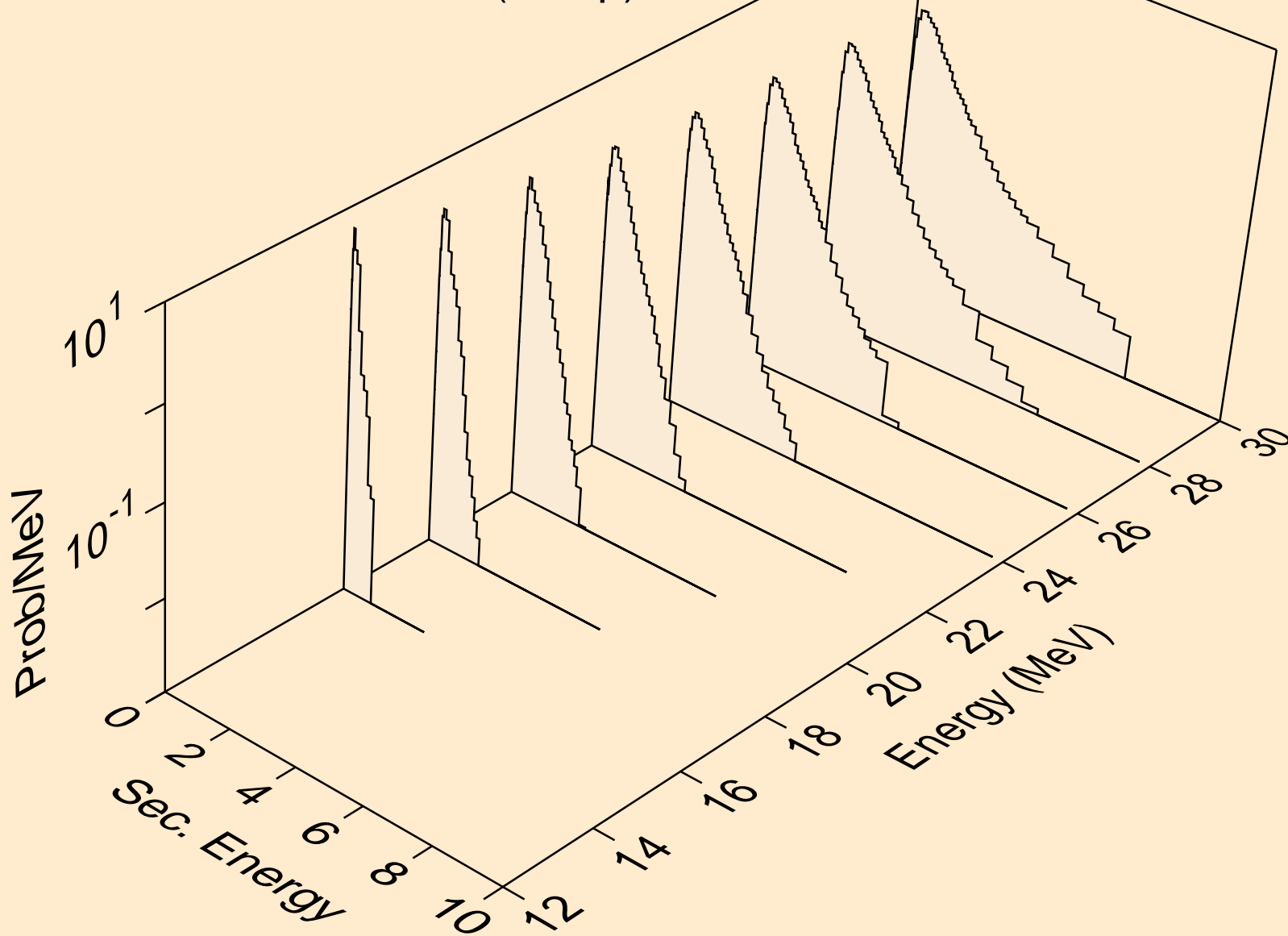
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Neutron emission for (n,n\*)he3



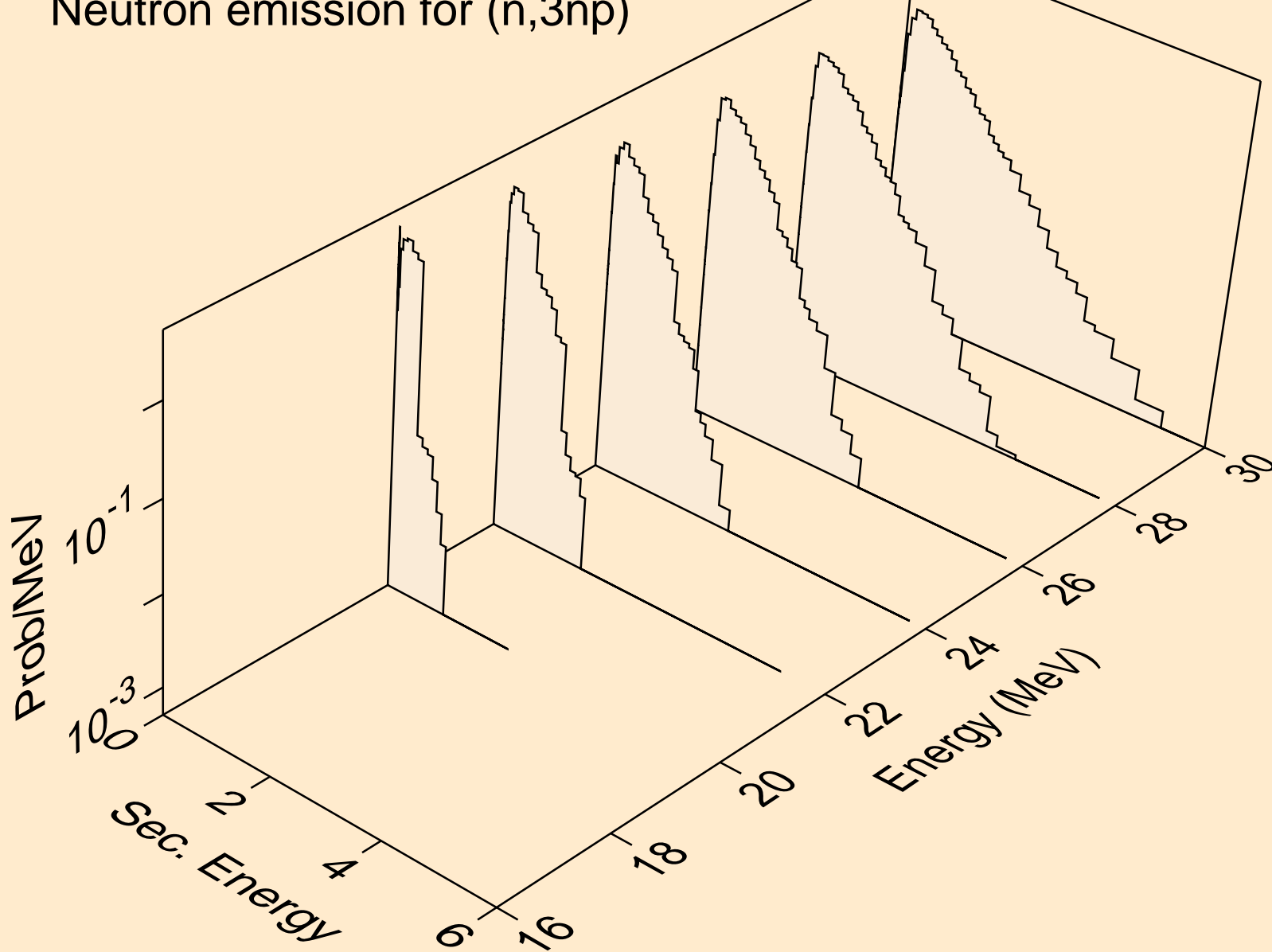
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Neutron emission for (n,4n)



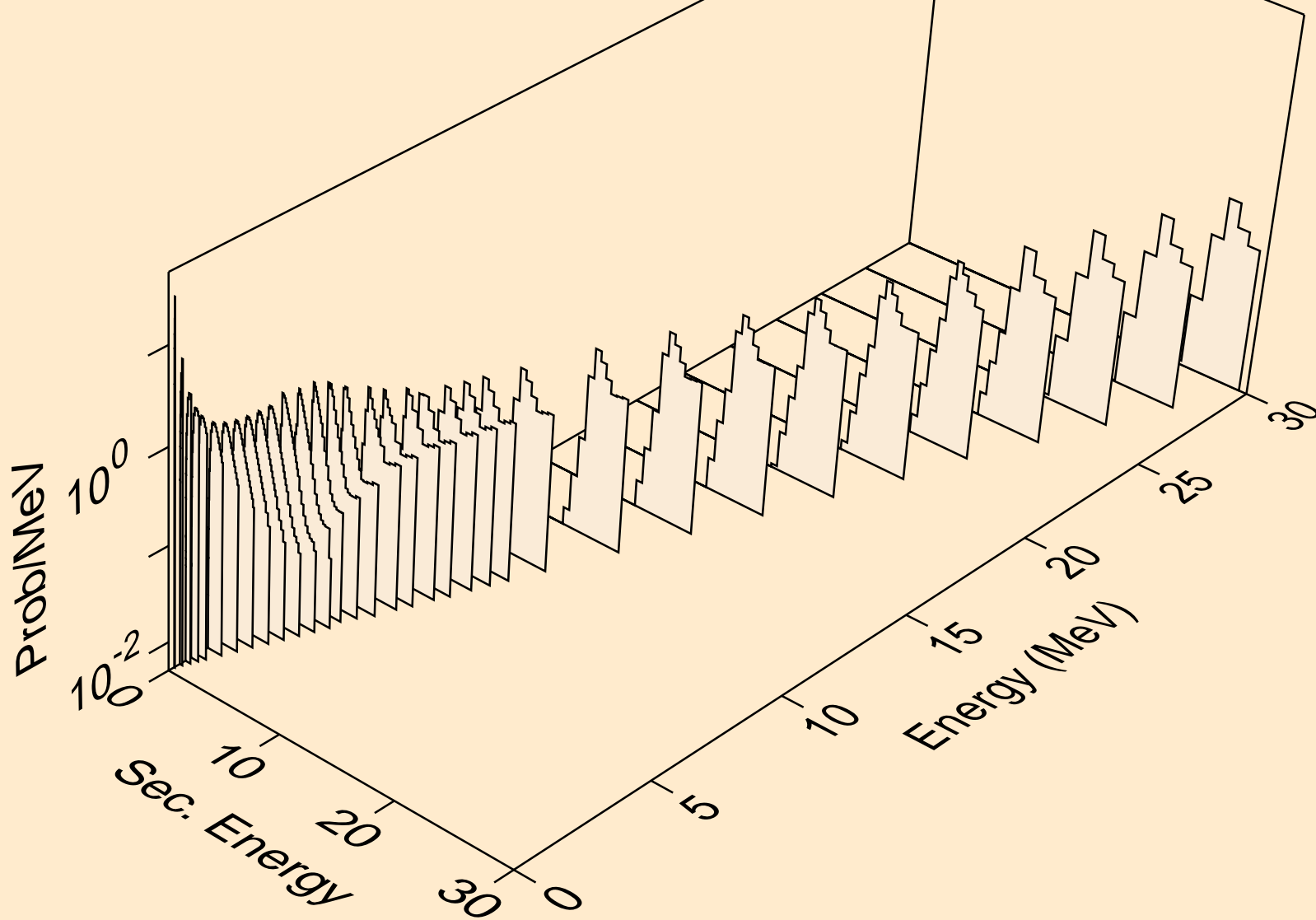
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Neutron emission for (n,2np)



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

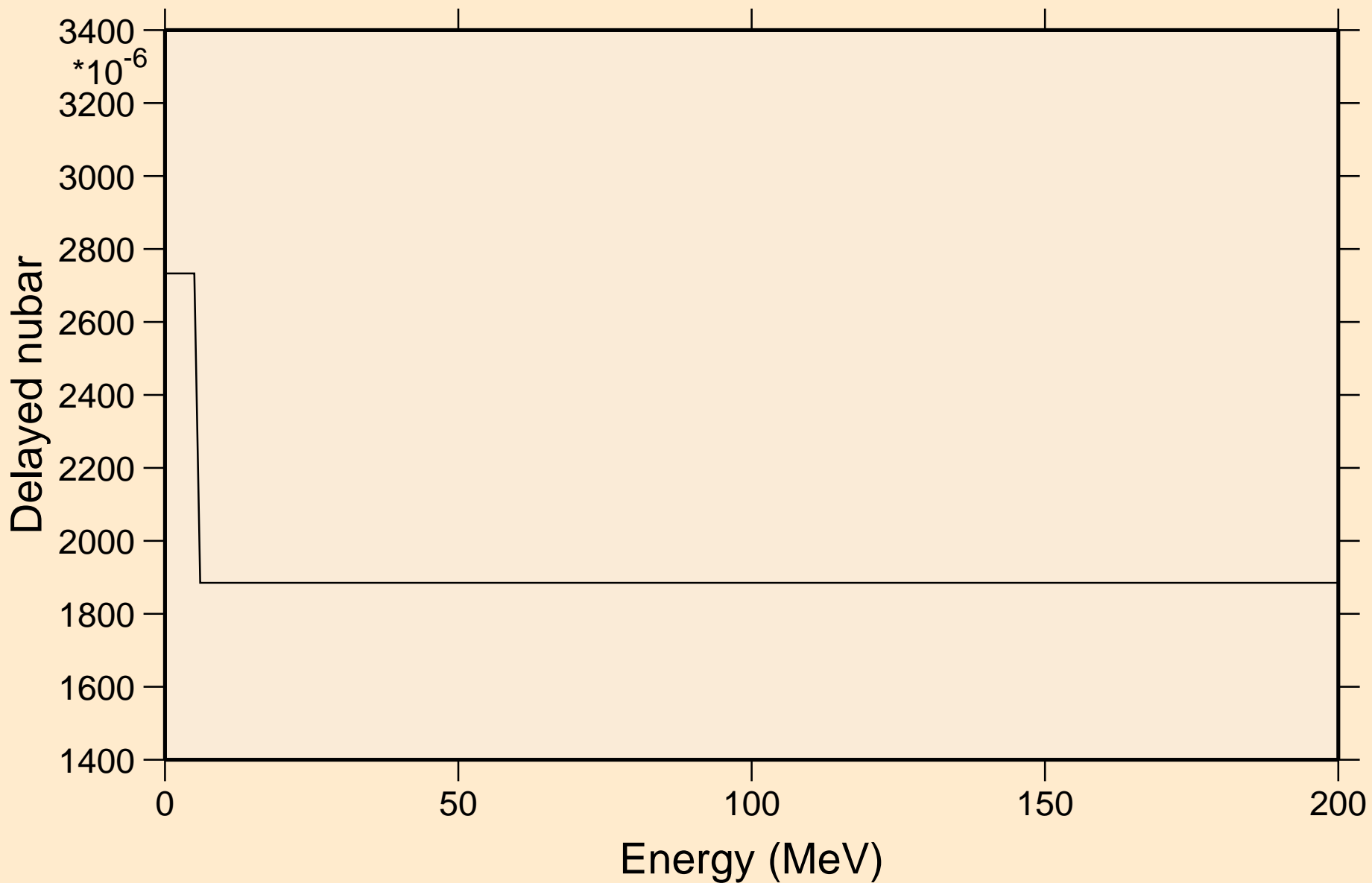


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Neutron emission for (n,n\*c)



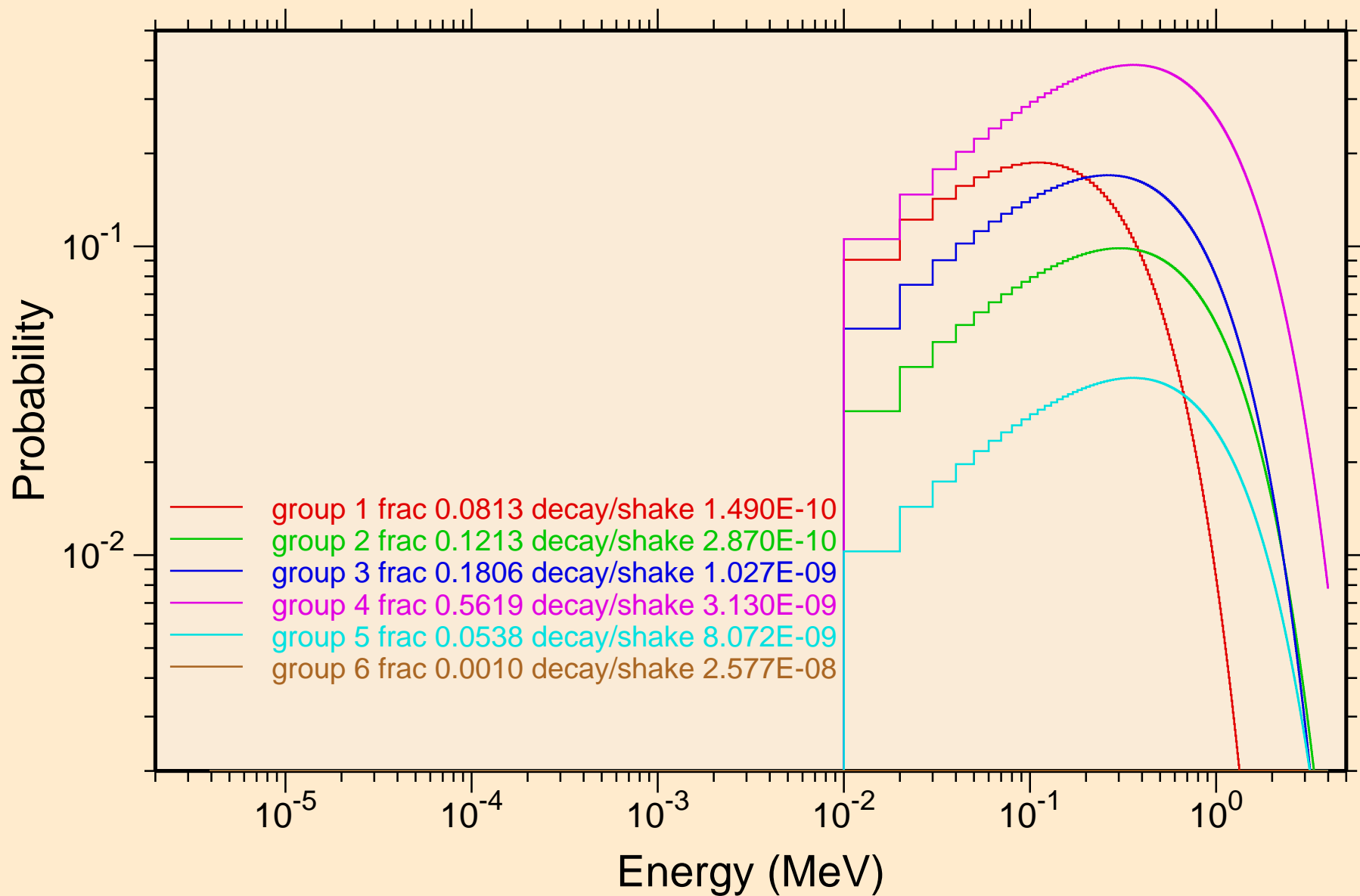


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Delayed nubar

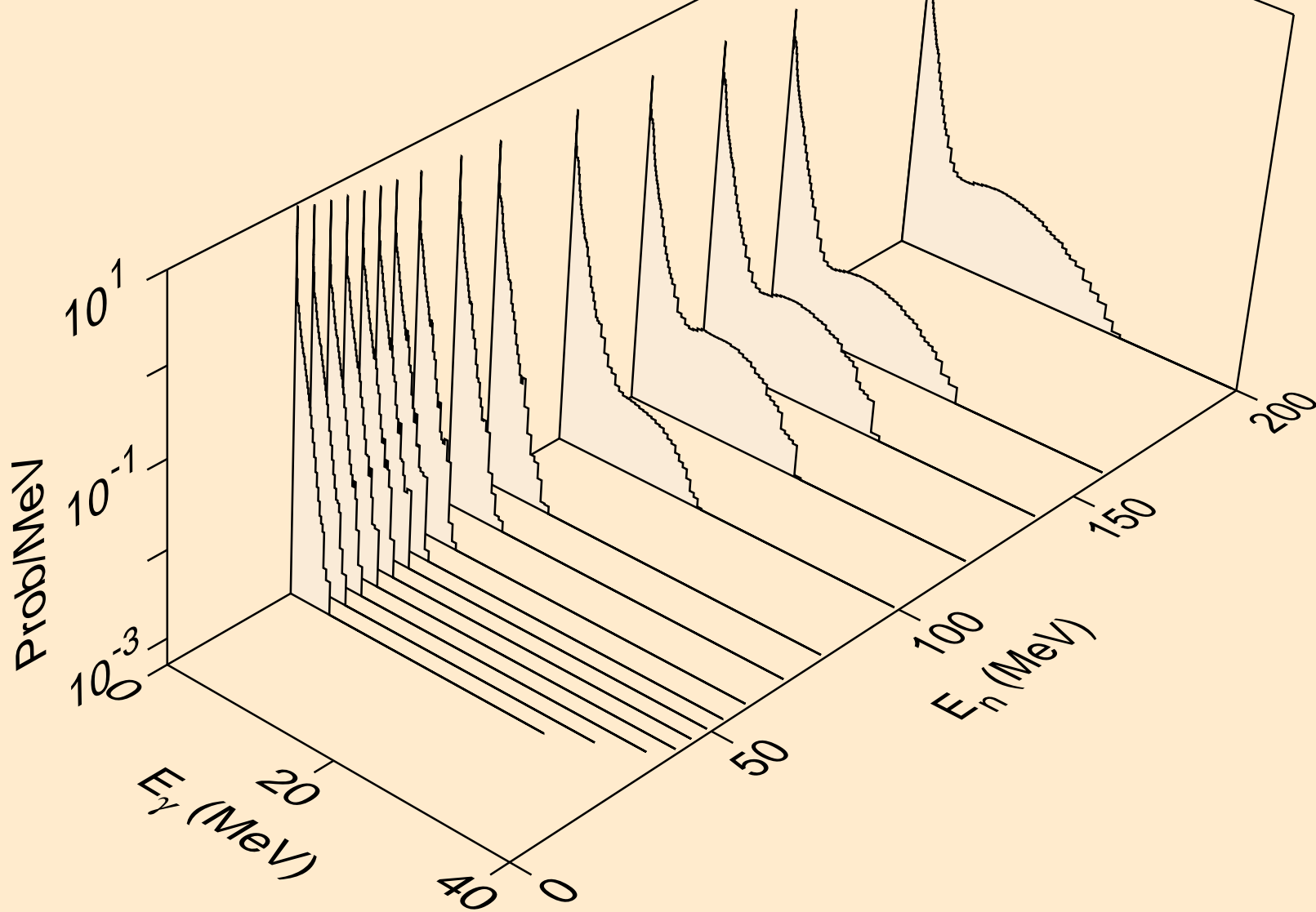


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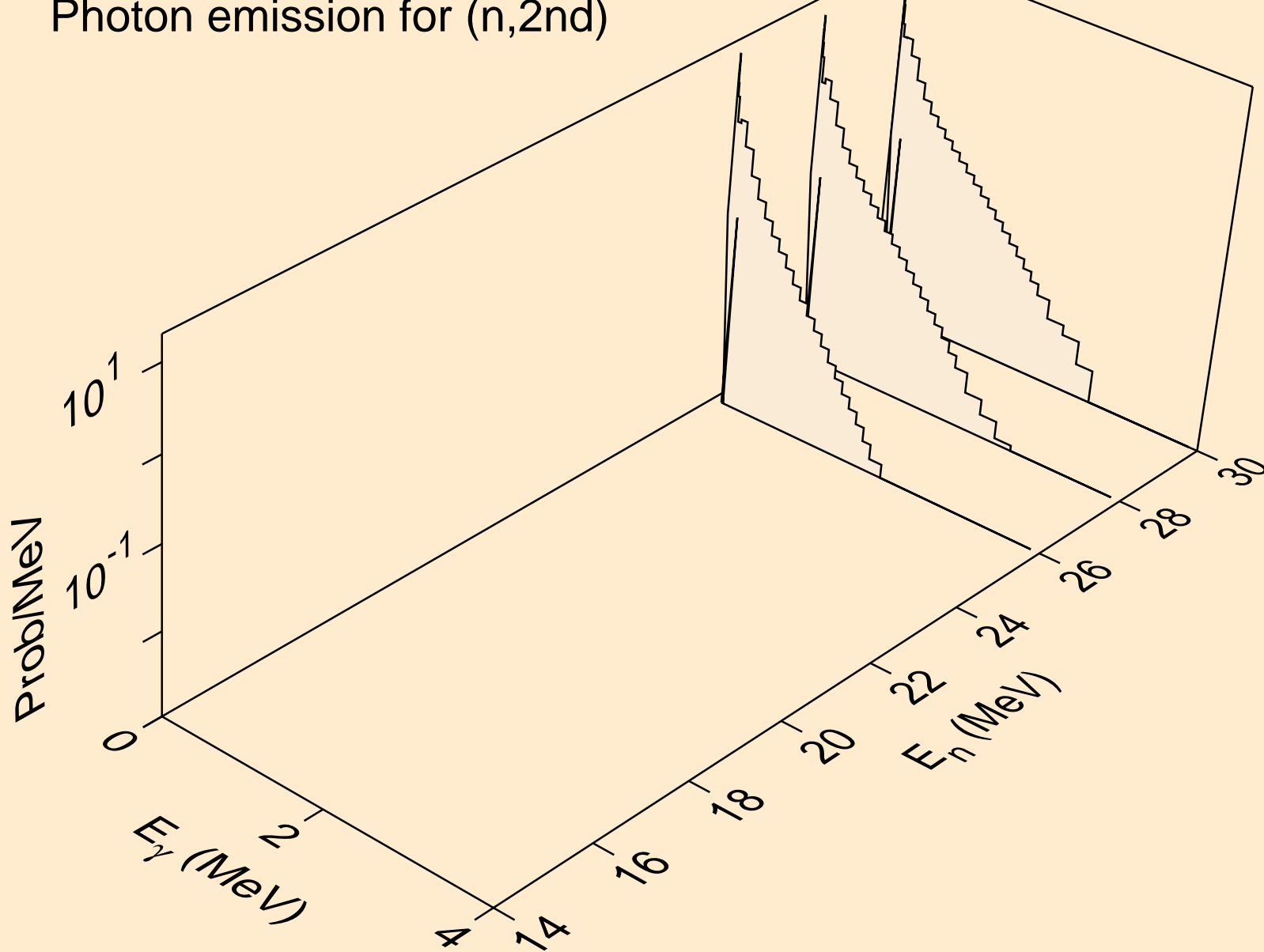
## Delayed neutron spectra



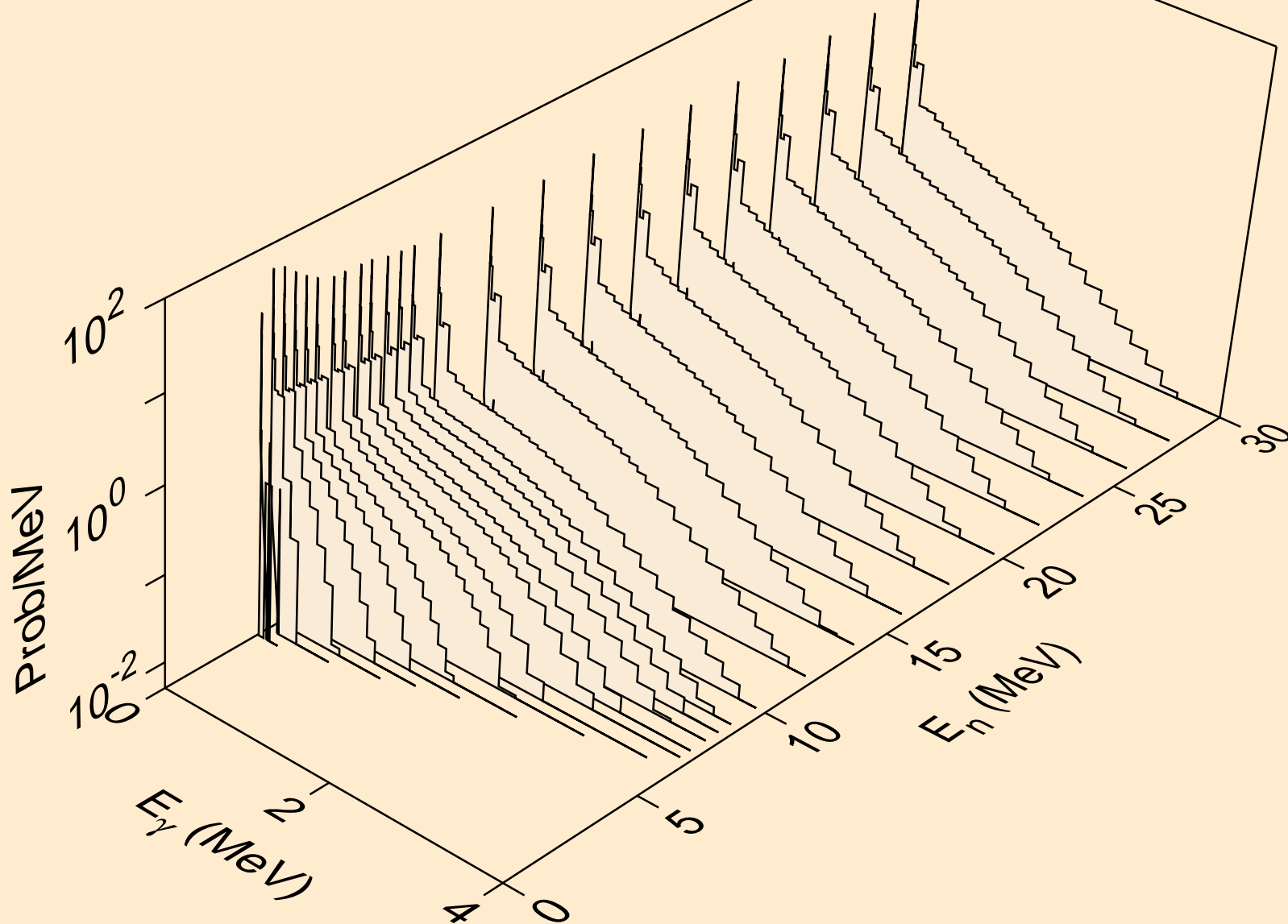
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Photon emission for (n,x)



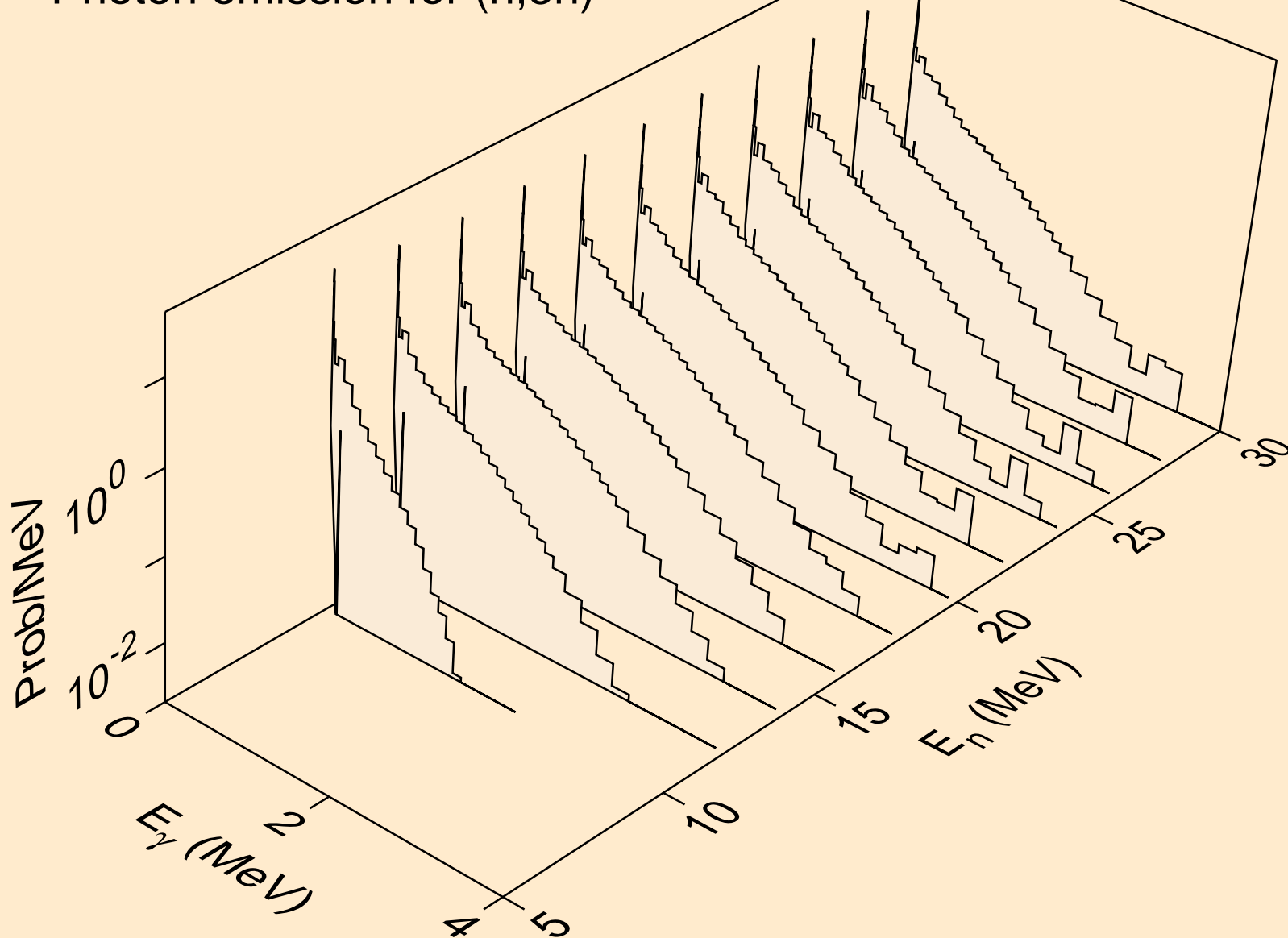
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Photon emission for (n,2nd)



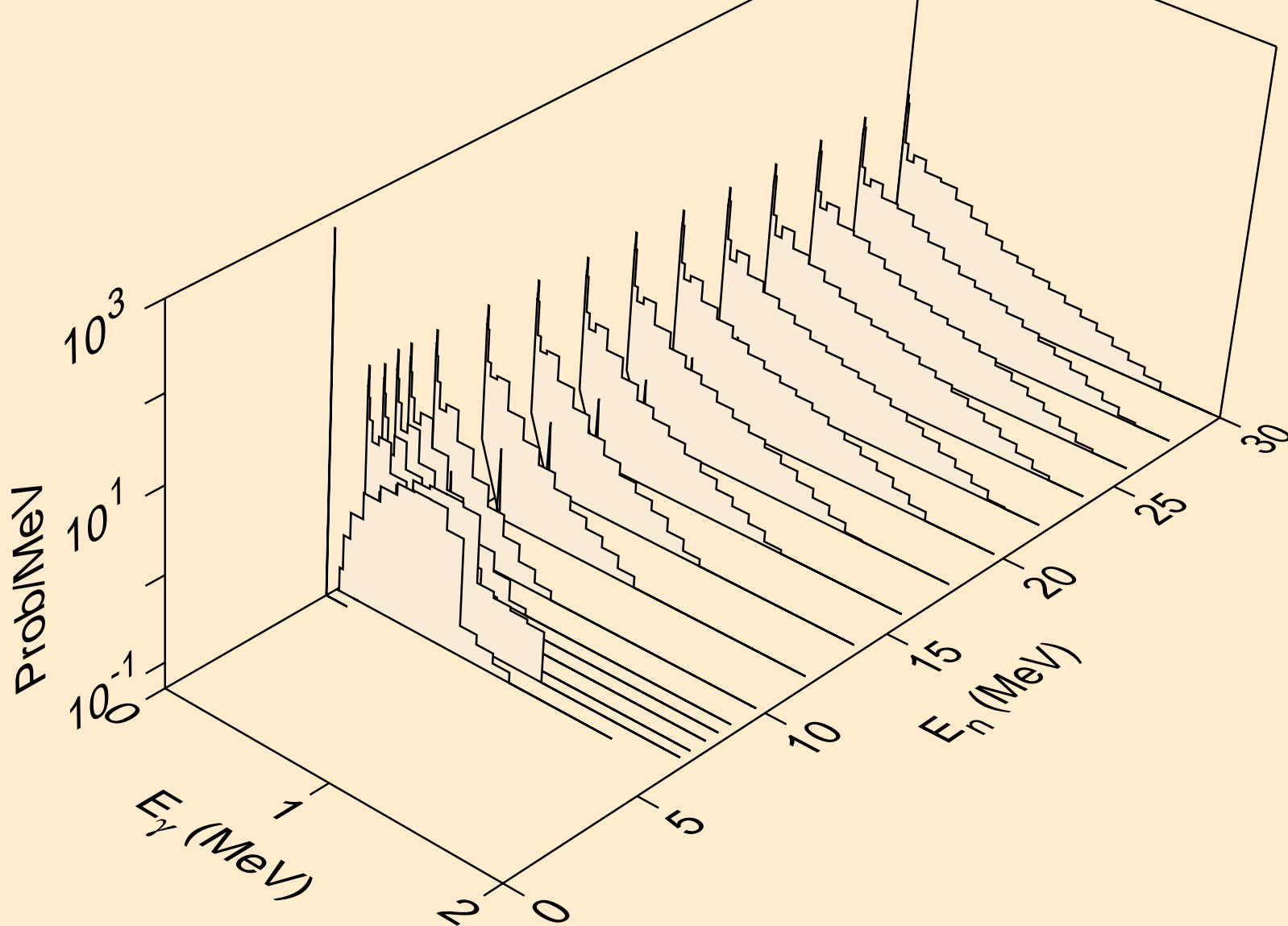
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Photon emission for (n,2n)



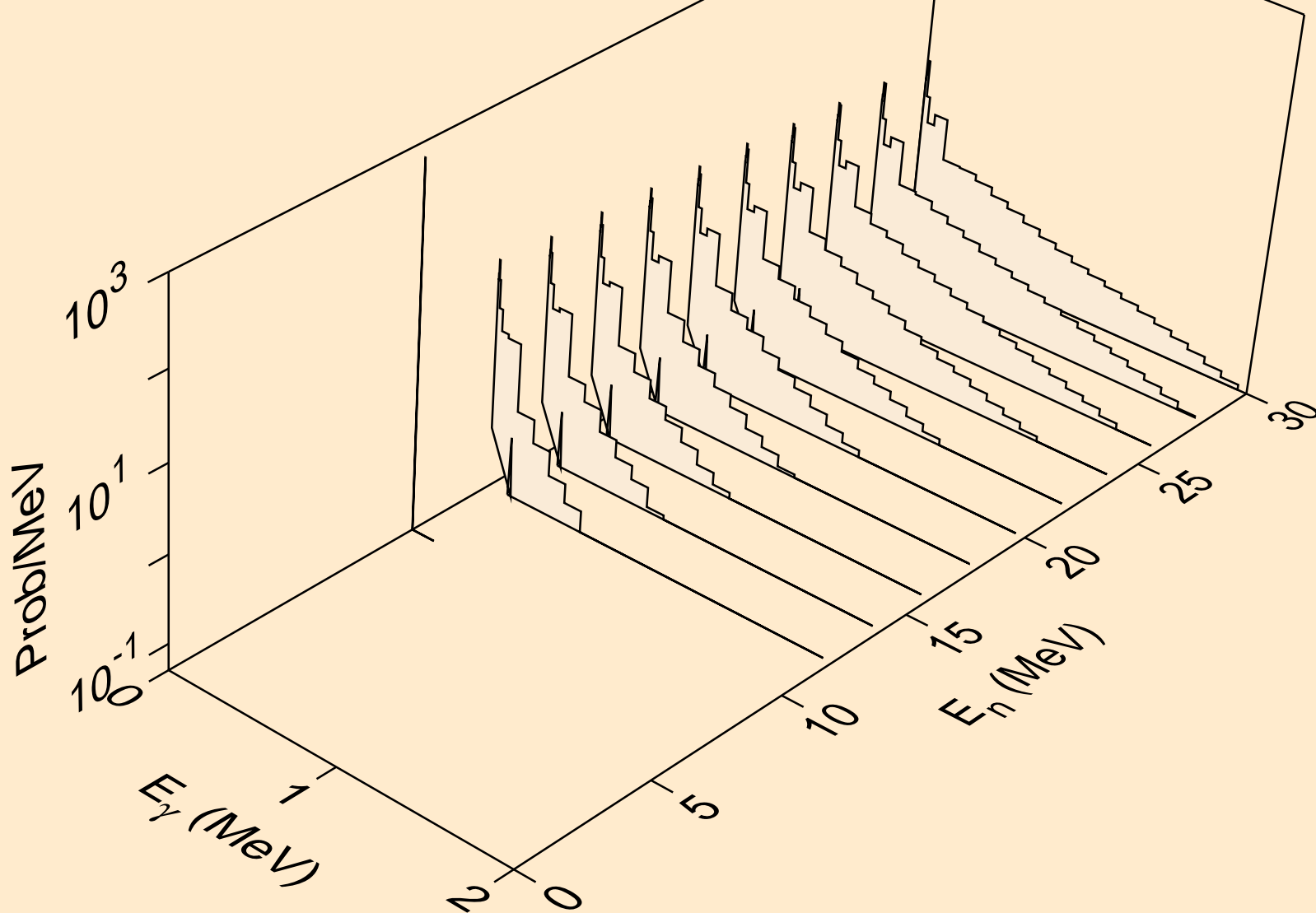
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

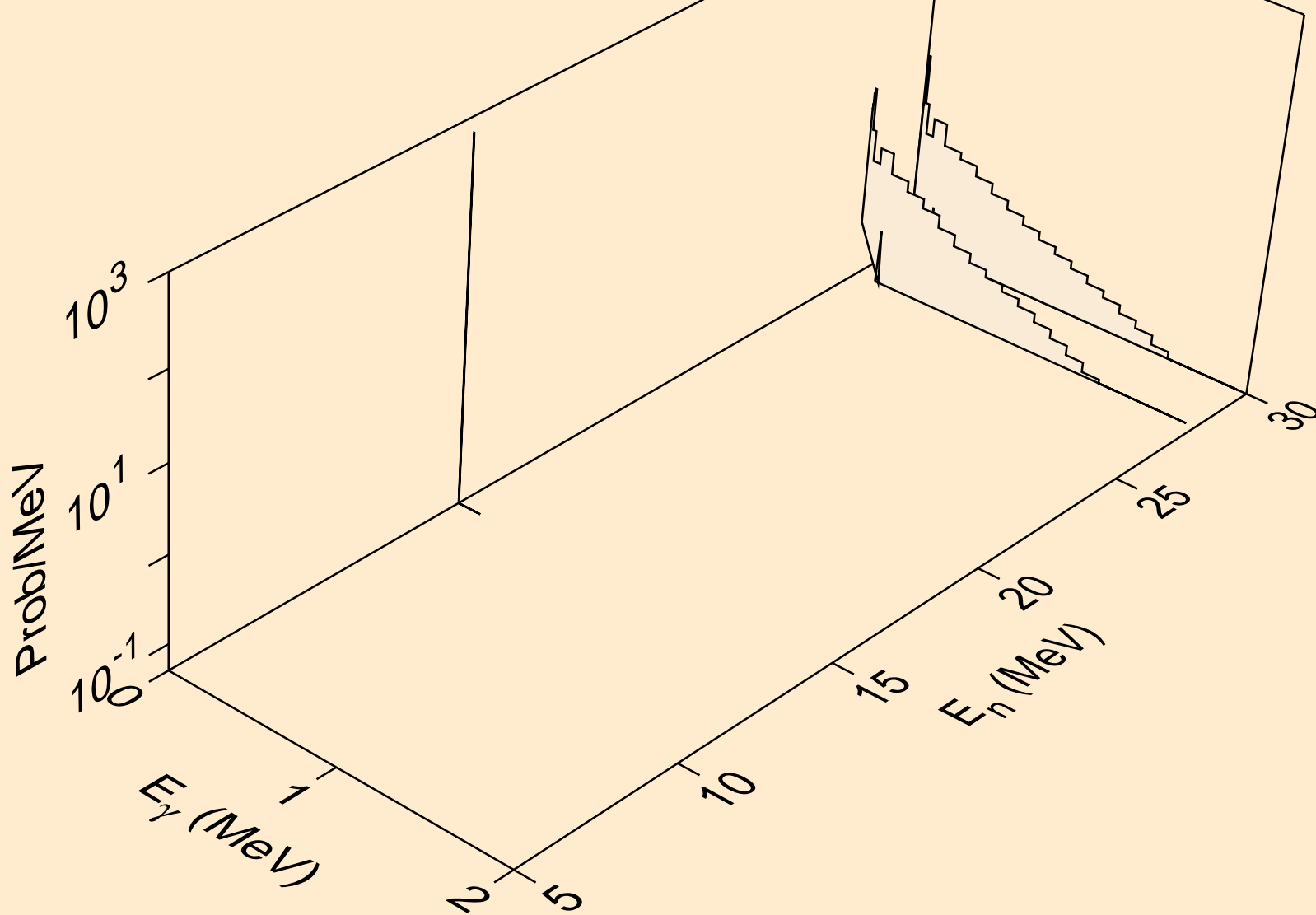


PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a

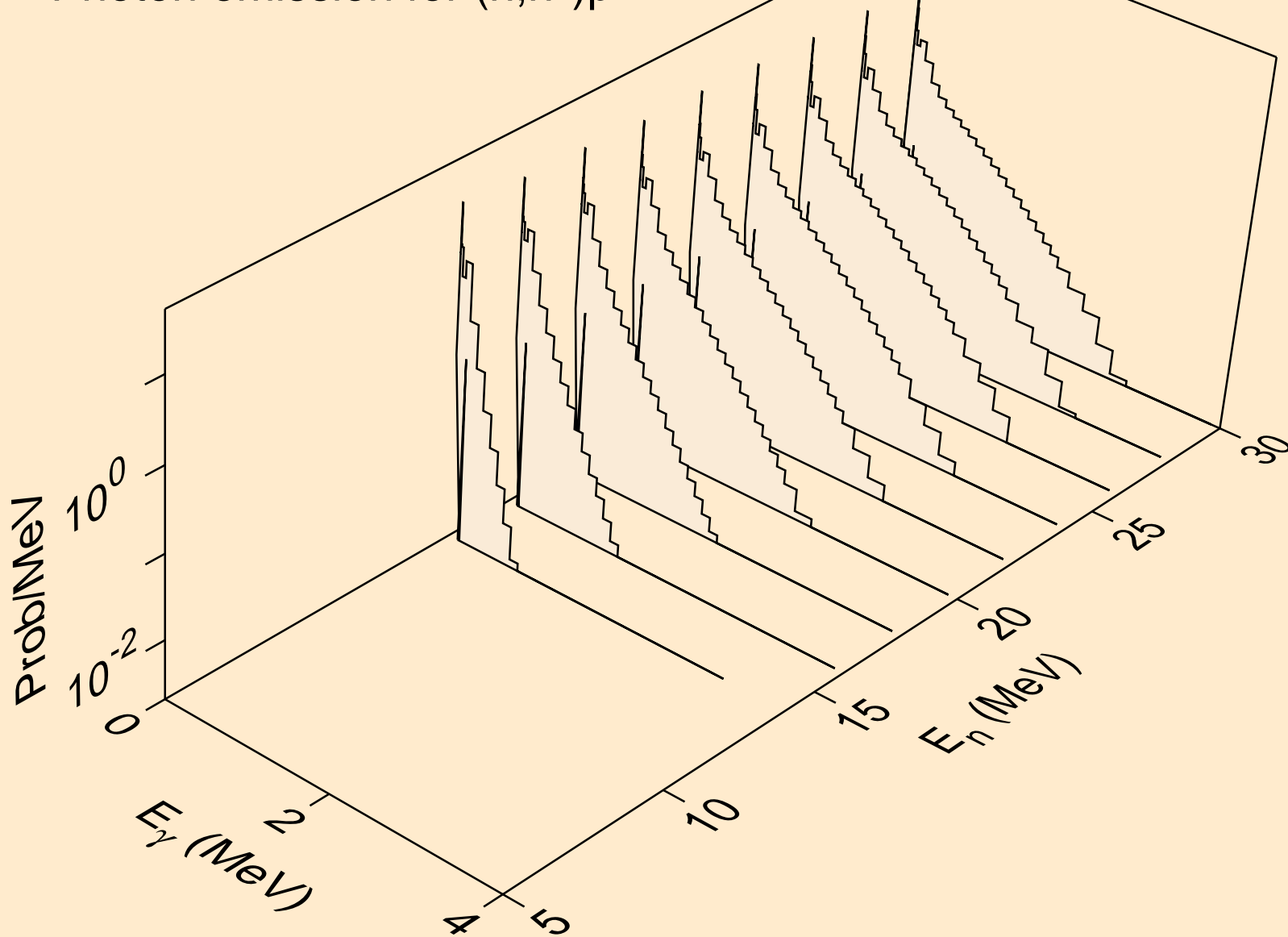




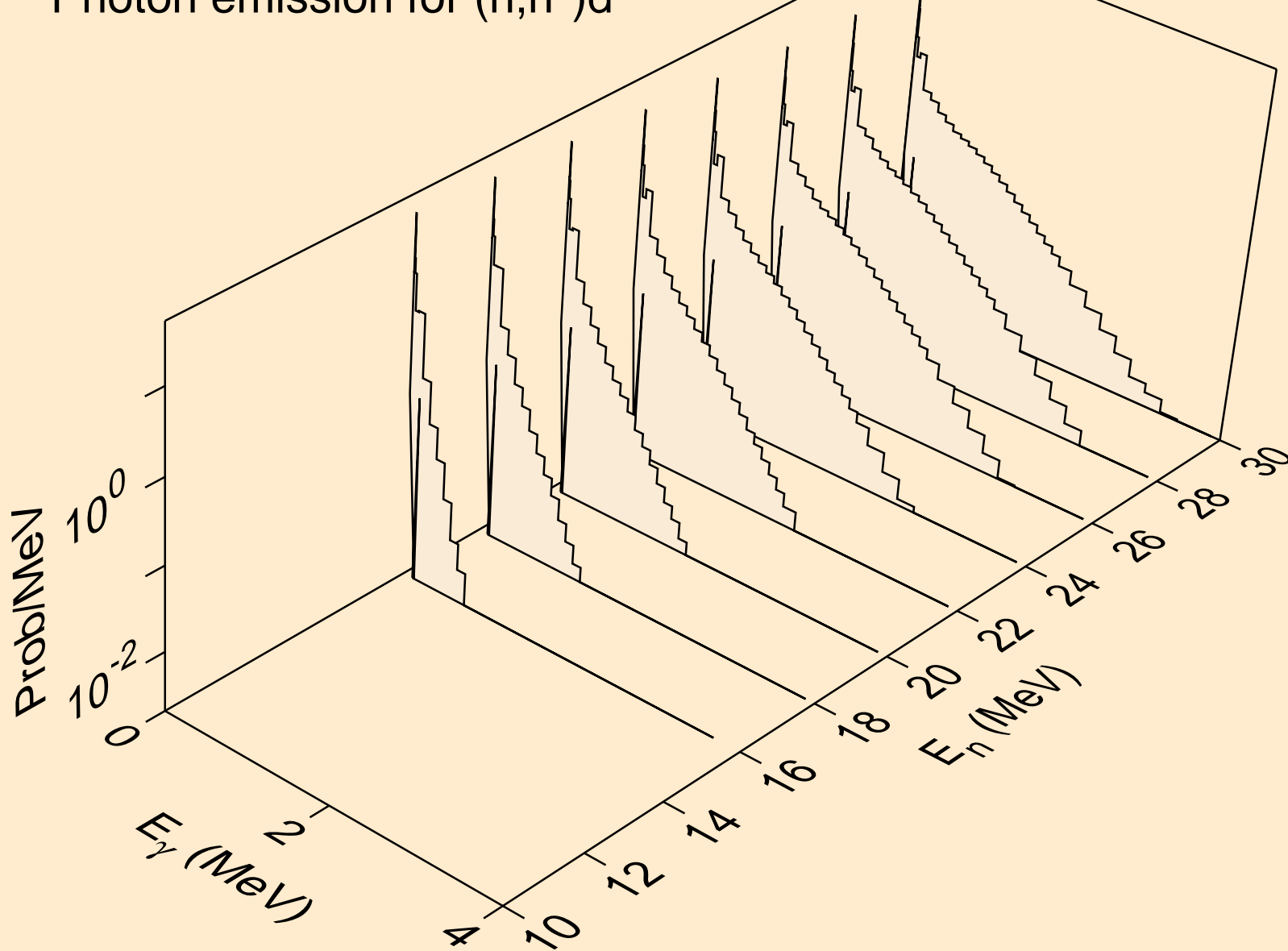
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Photon emission for (n,3n)a



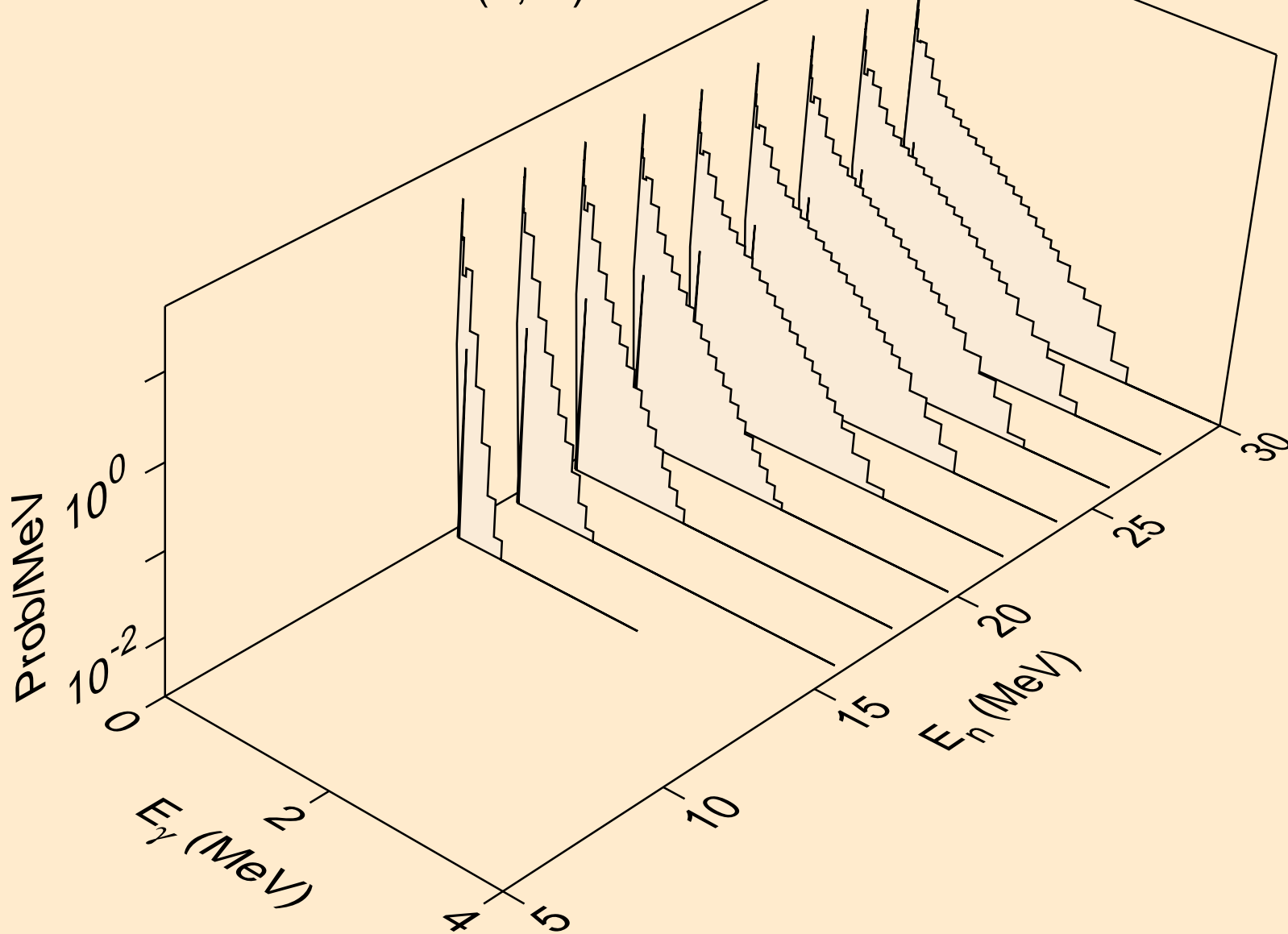
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Photon emission for (n,n\*)p



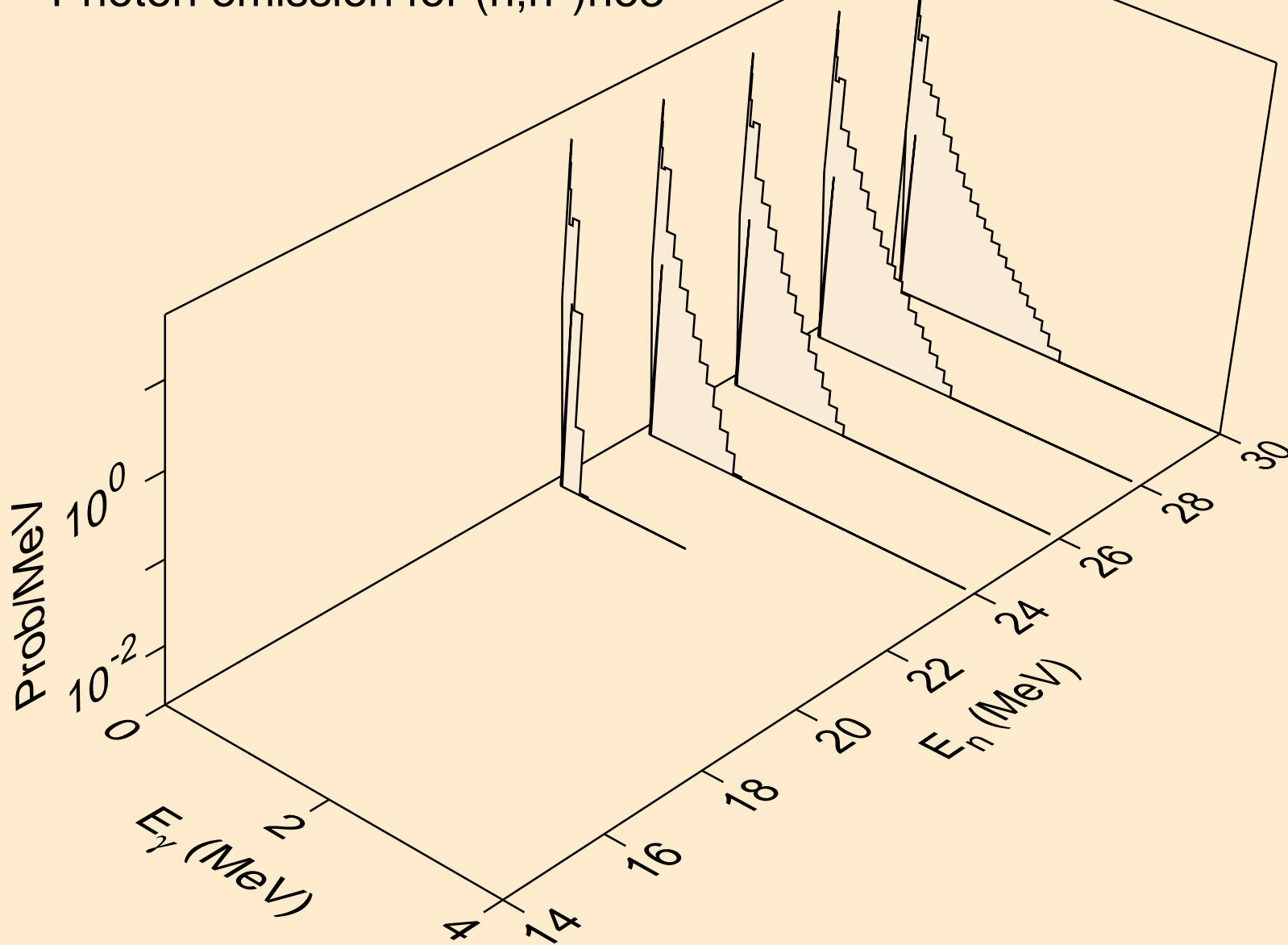
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Photon emission for (n,n\*)d



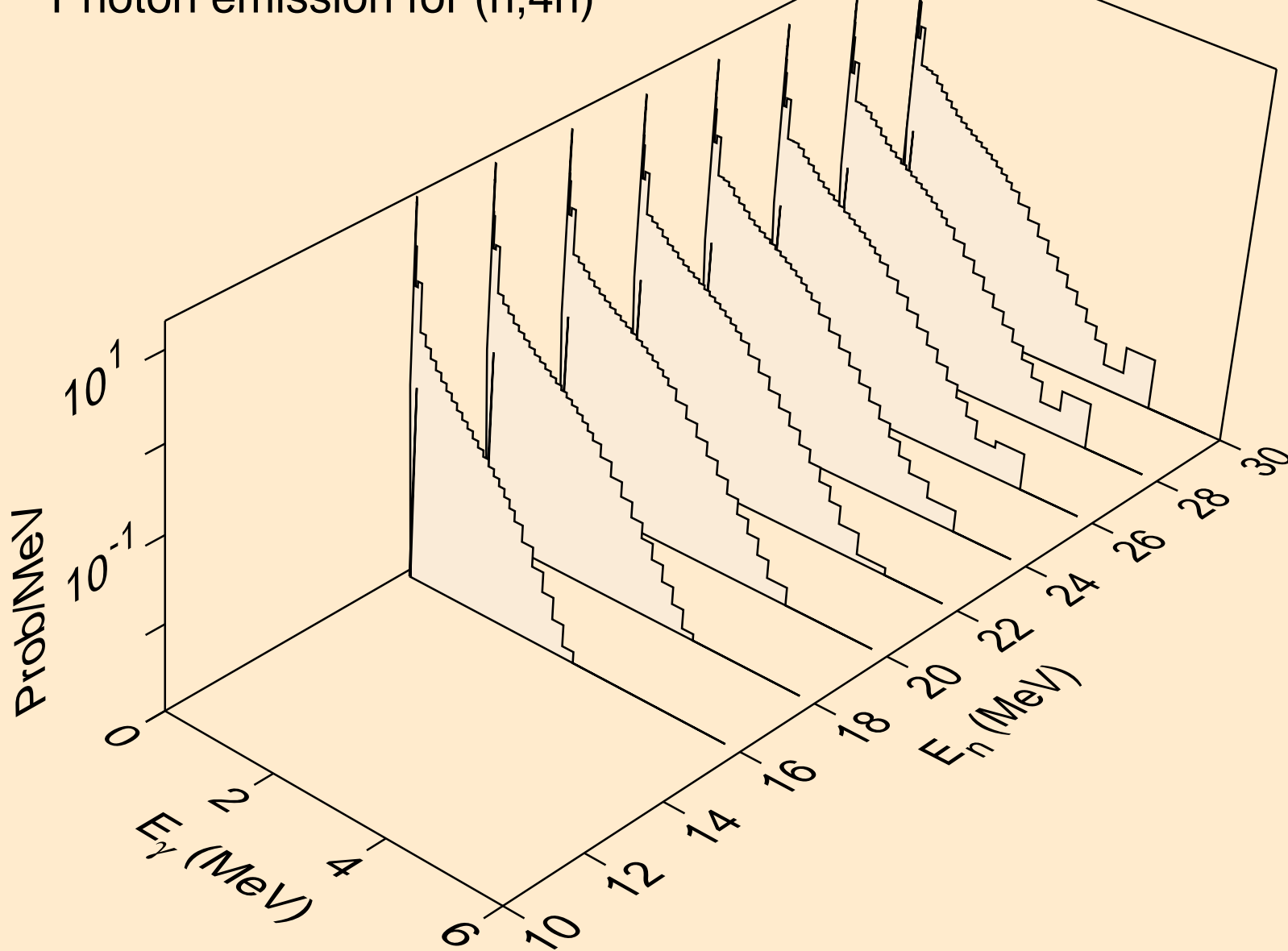
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Photon emission for (n,n\*)t



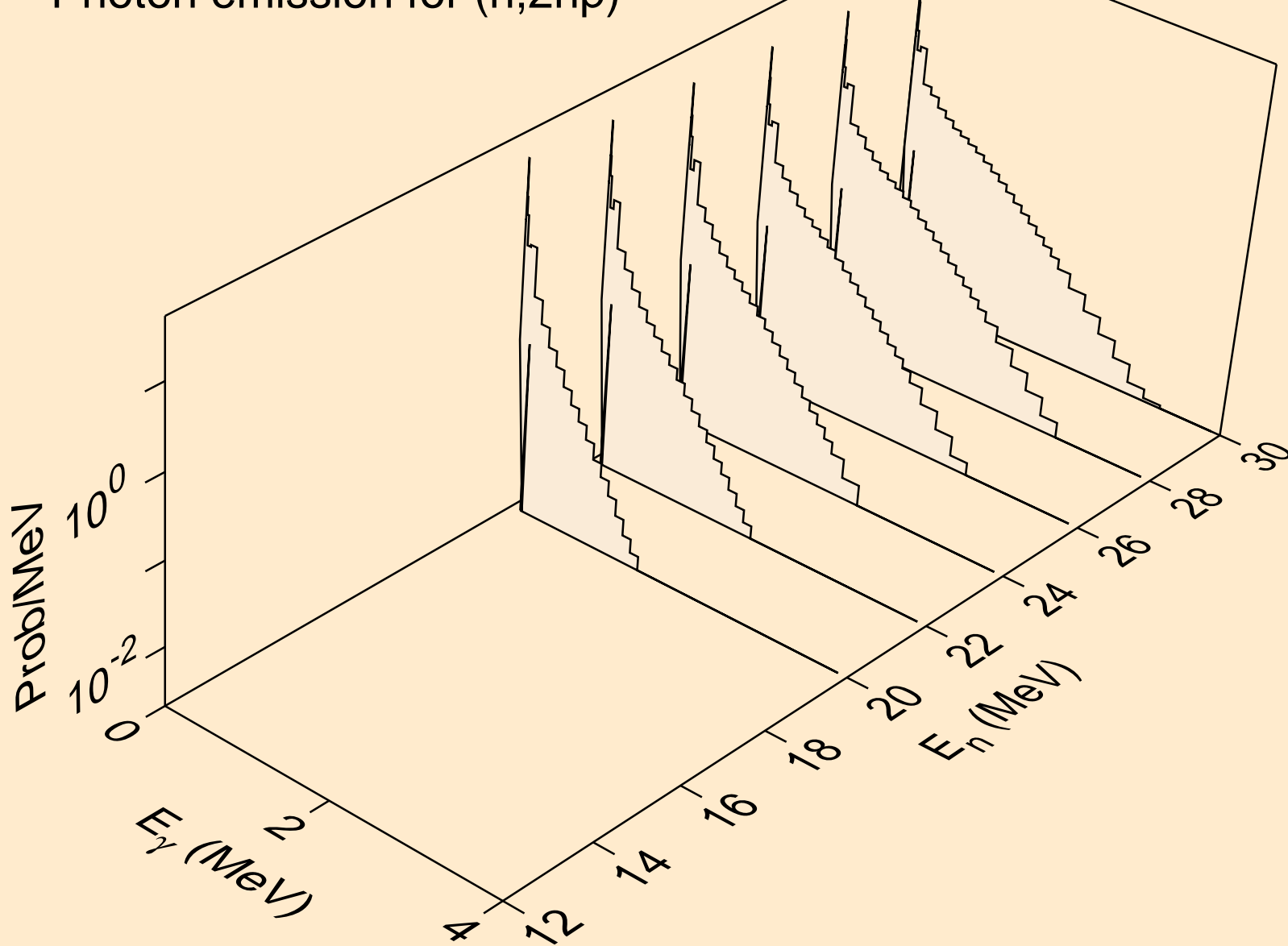
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Photon emission for (n,n\*)he3



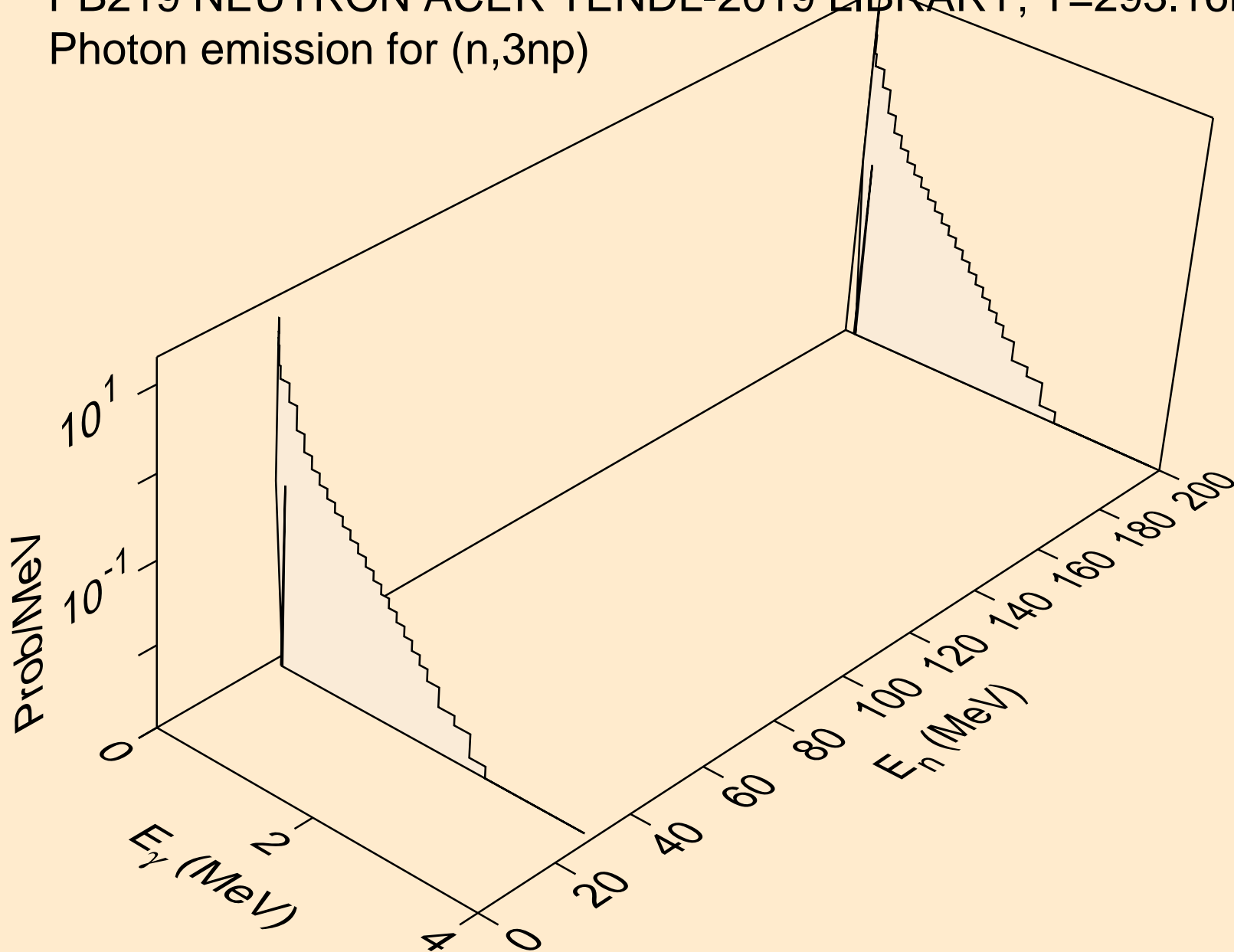
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

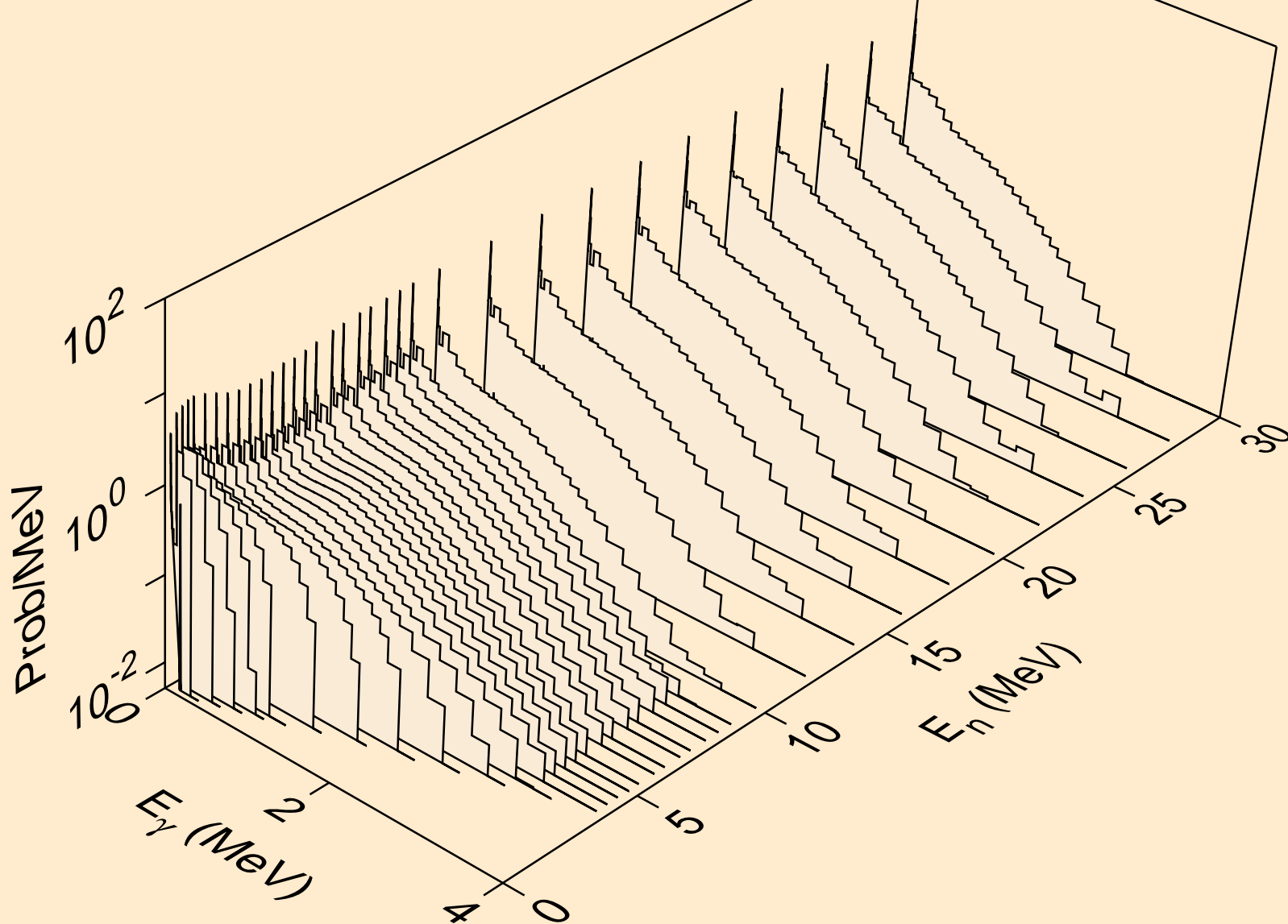


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Photon emission for (n,3np)

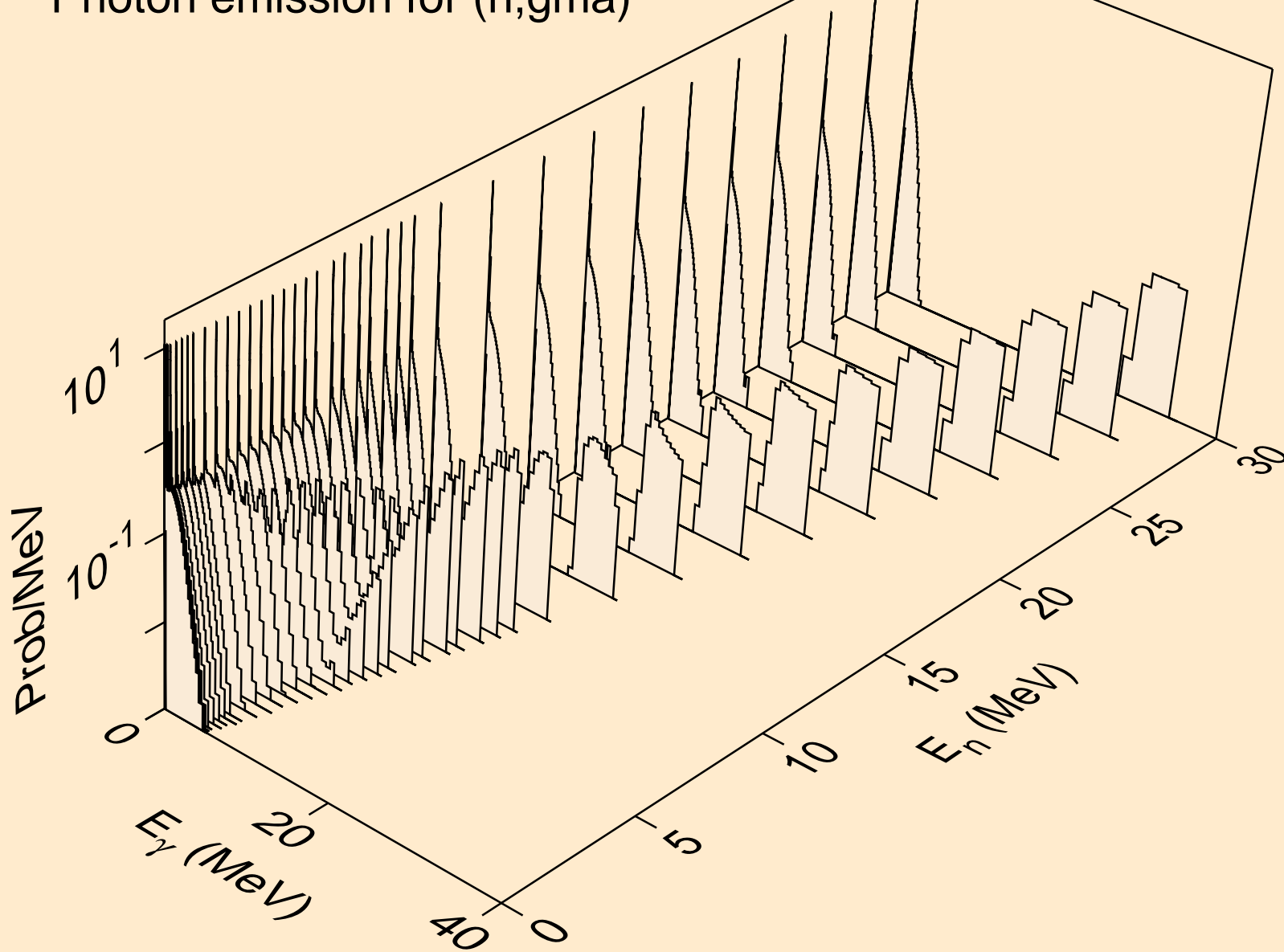




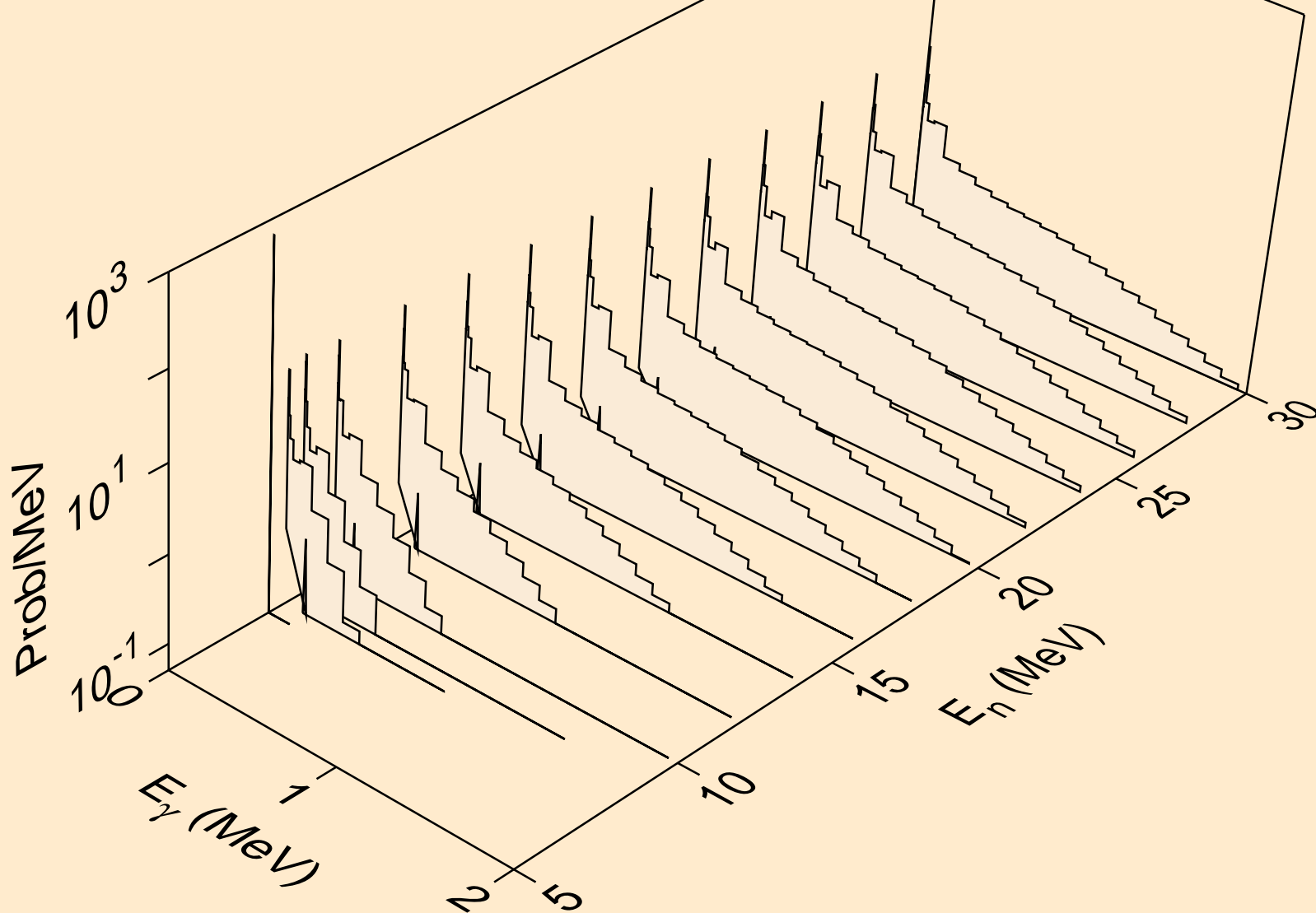
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Photon emission for (n,n\*c)



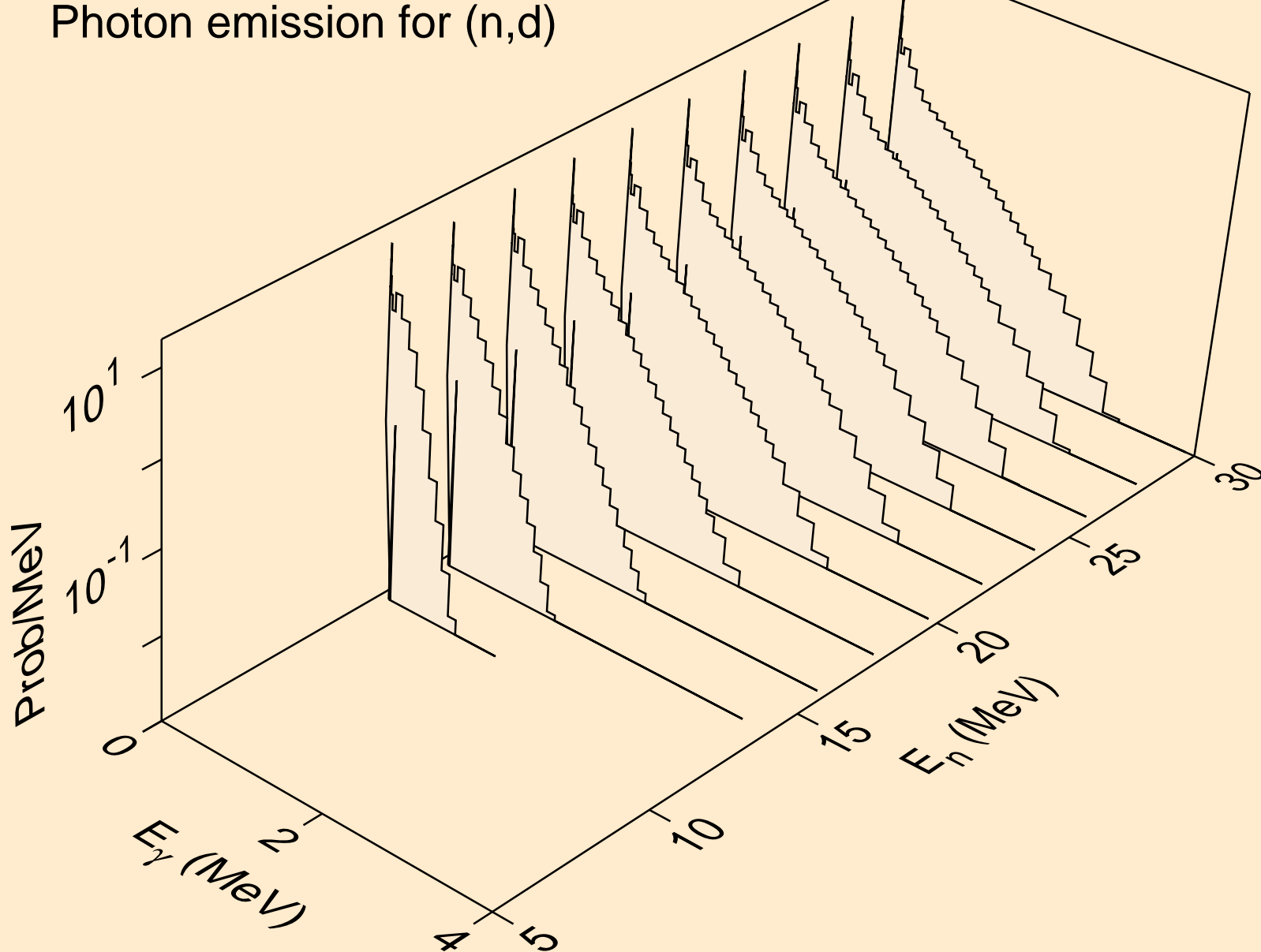
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Photon emission for (n,gma)



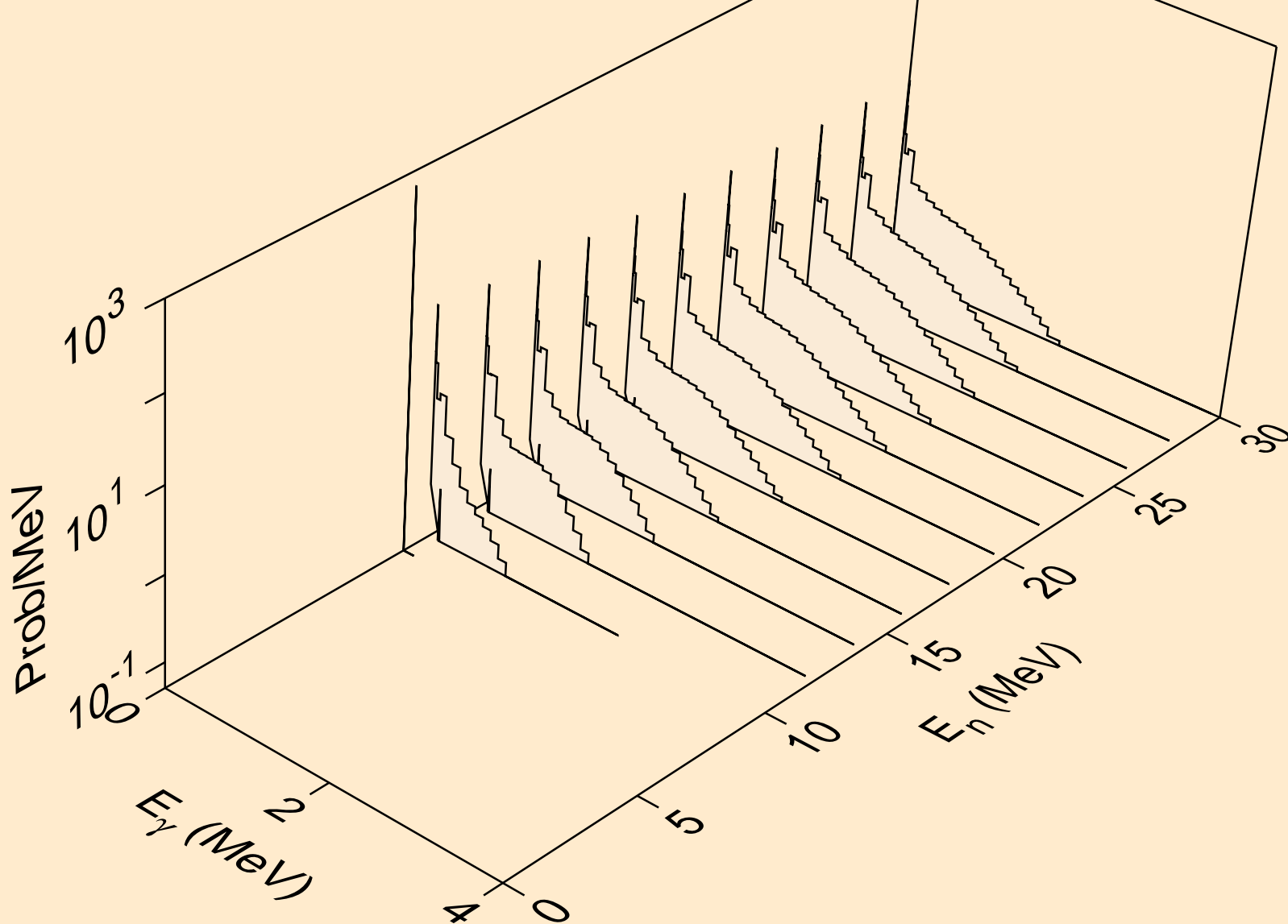
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Photon emission for (n,p)



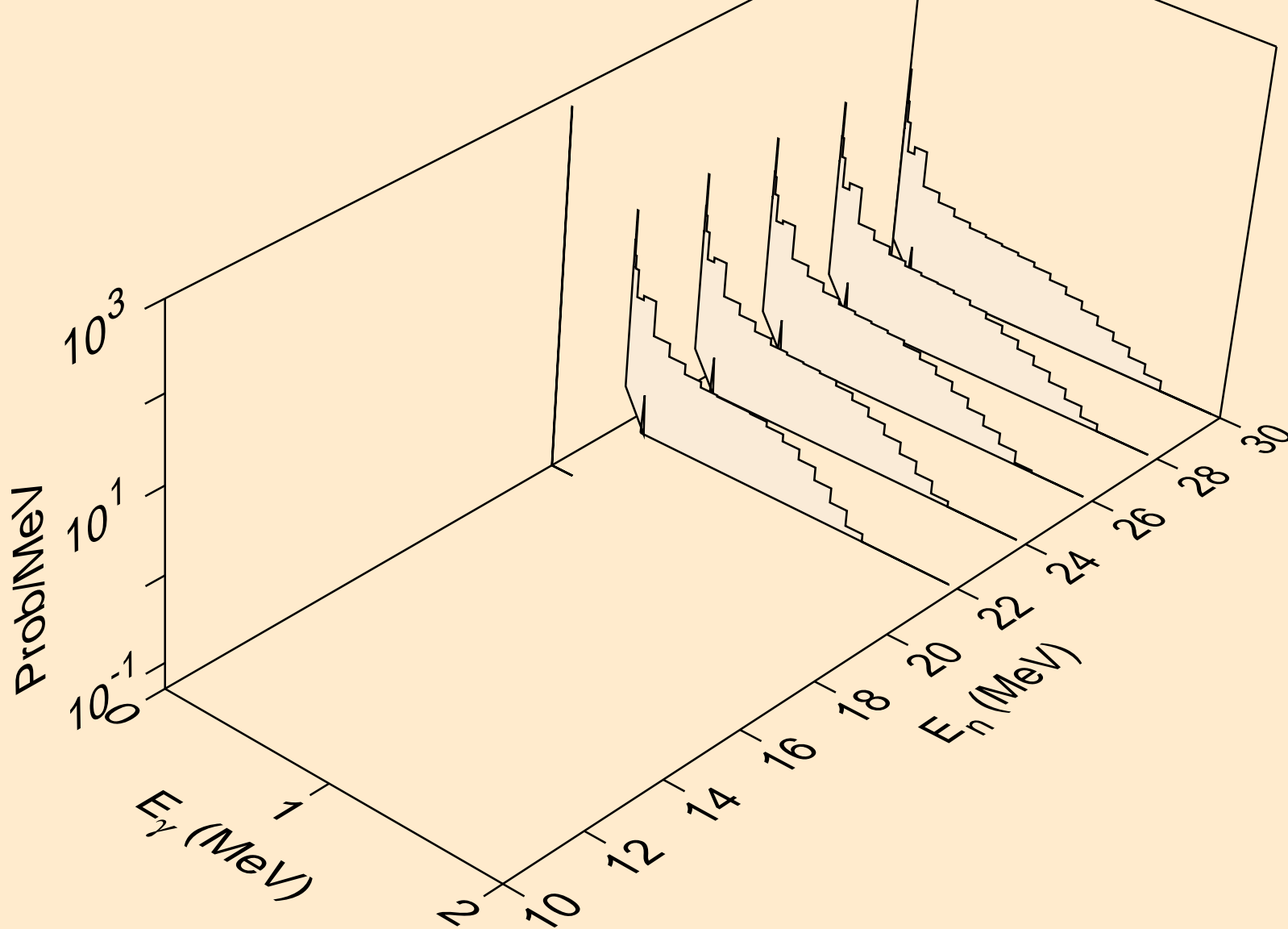
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Photon emission for (n,d)



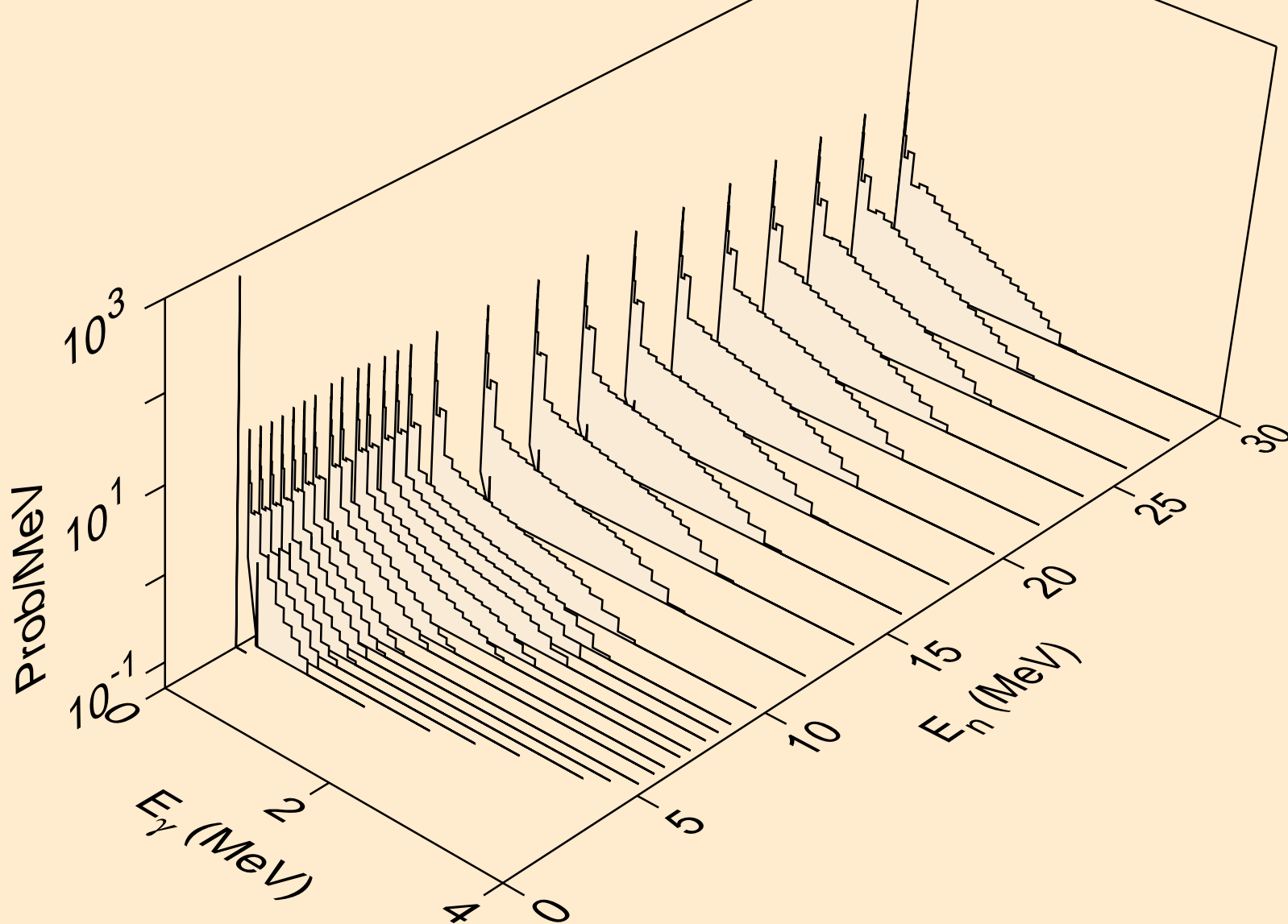
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Photon emission for (n,t)



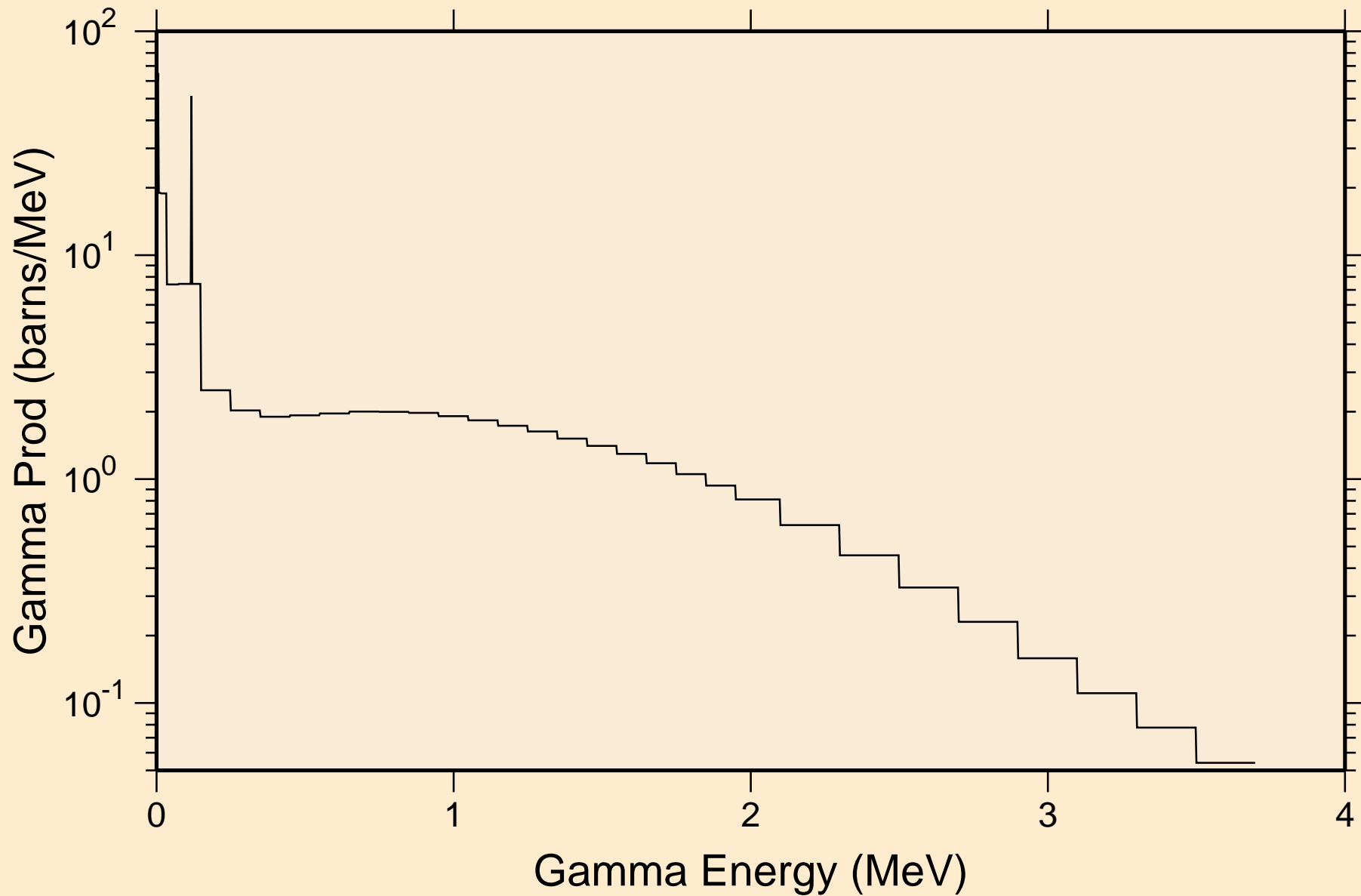
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)

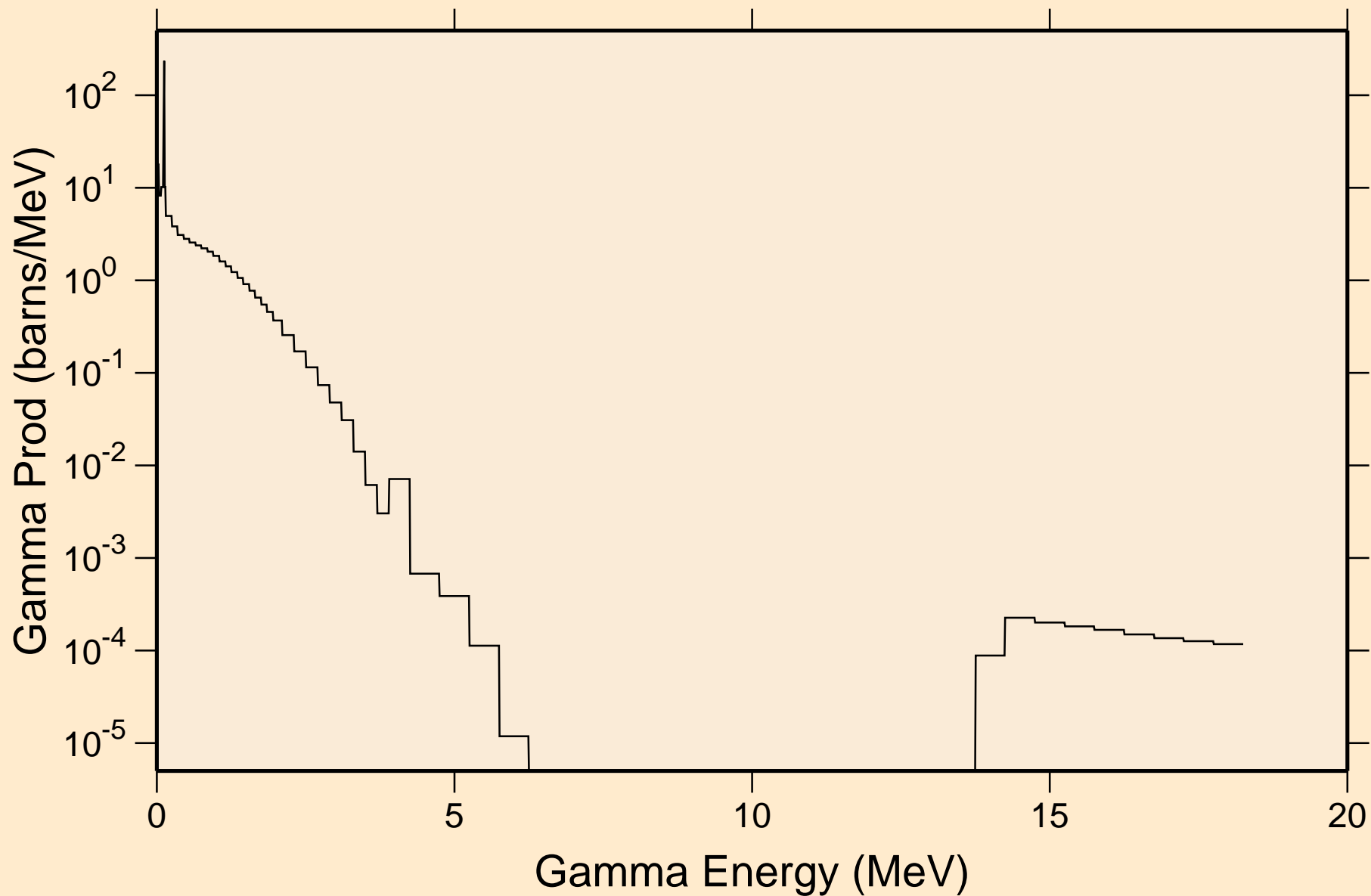


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thermal capture photon spectrum

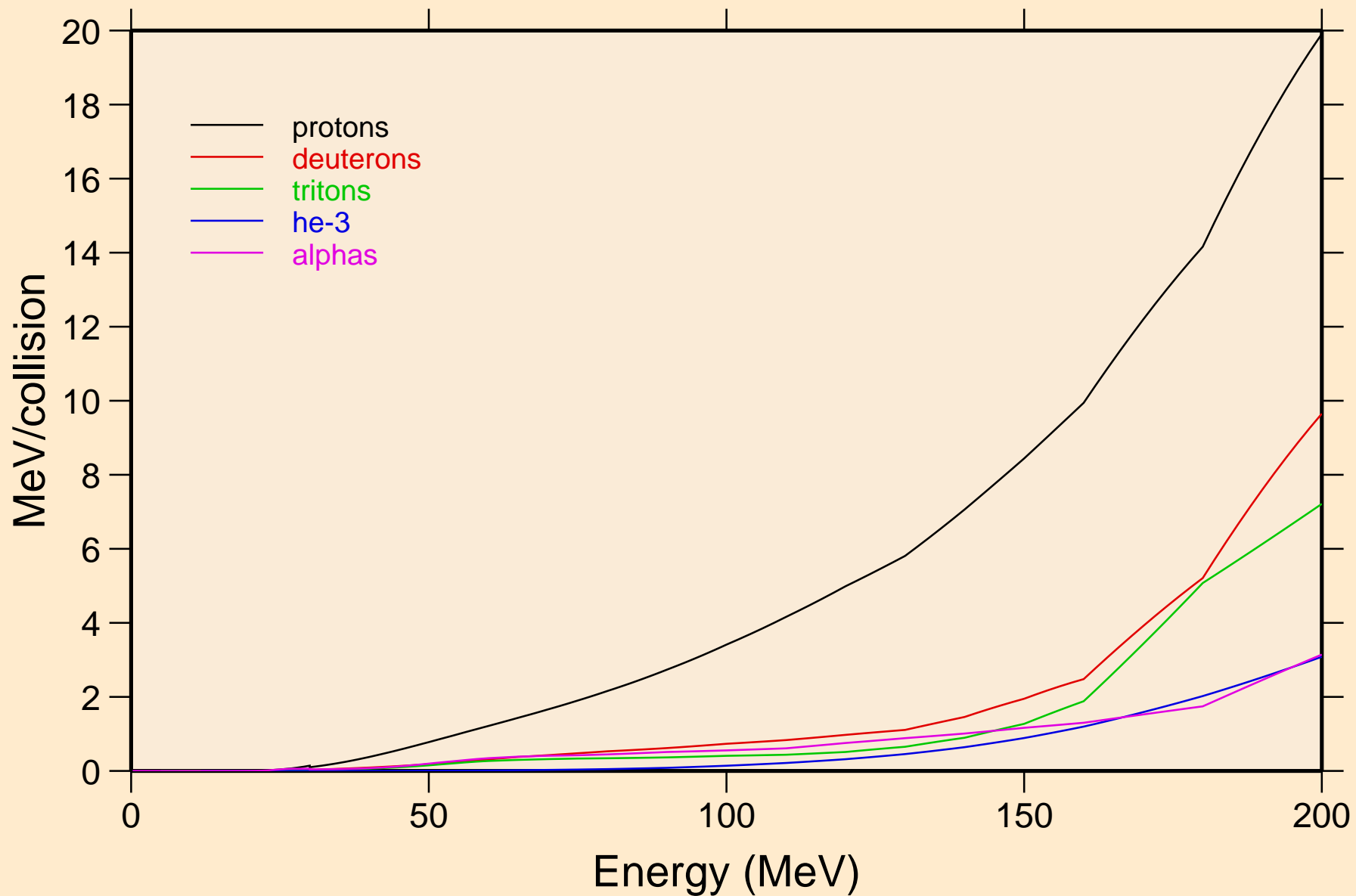




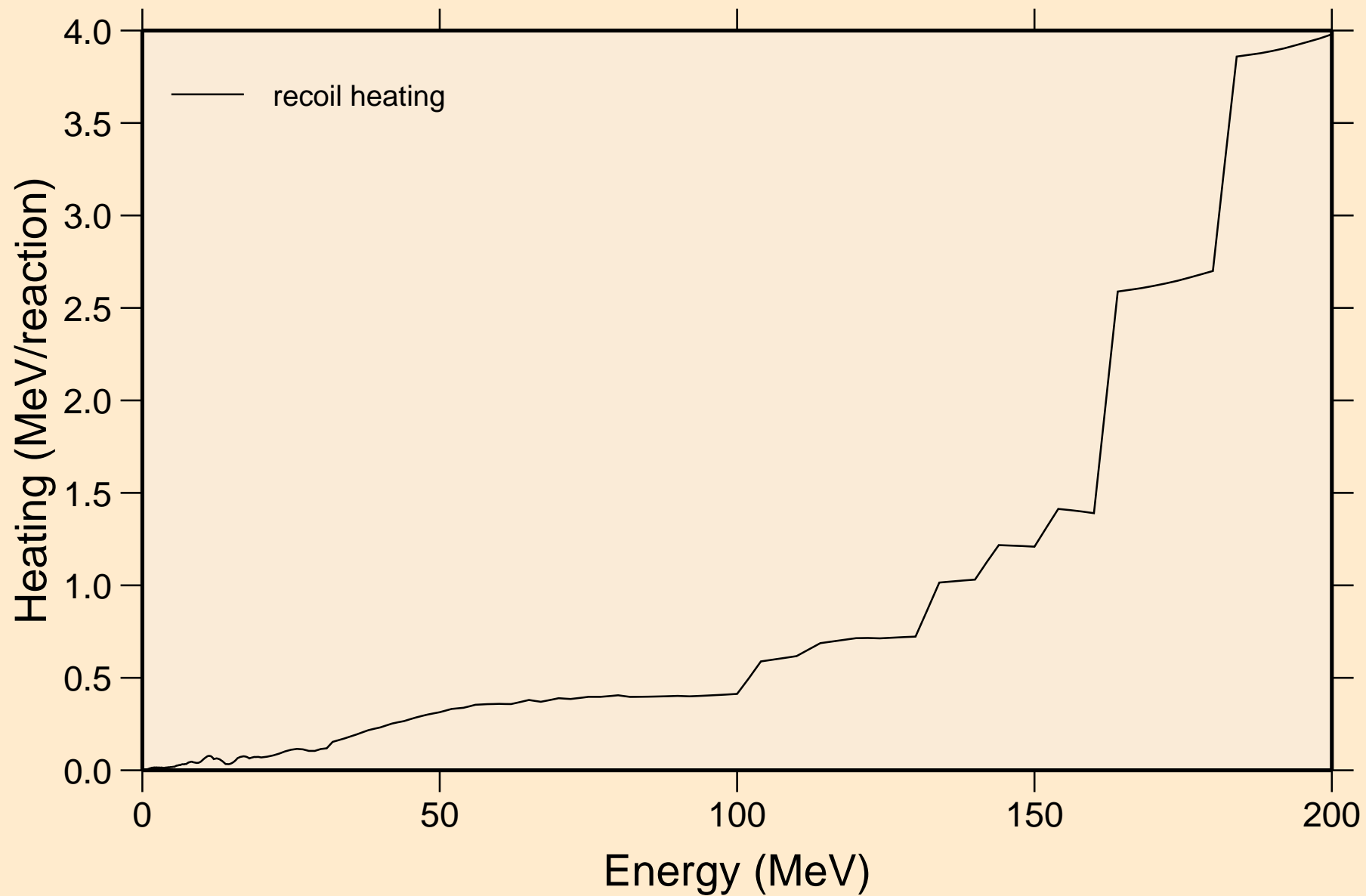
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14 MeV photon spectrum



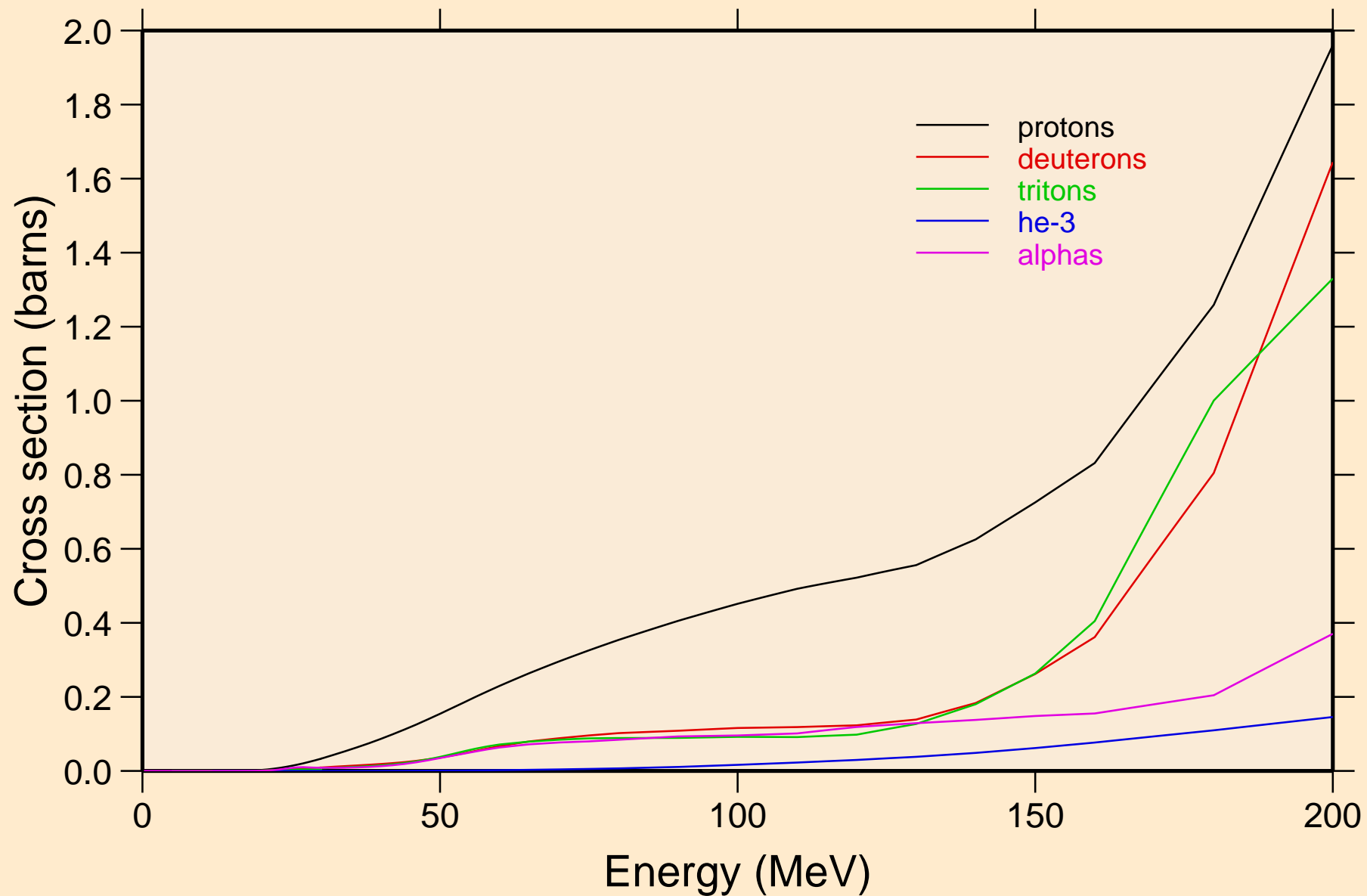
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Particle heating contributions



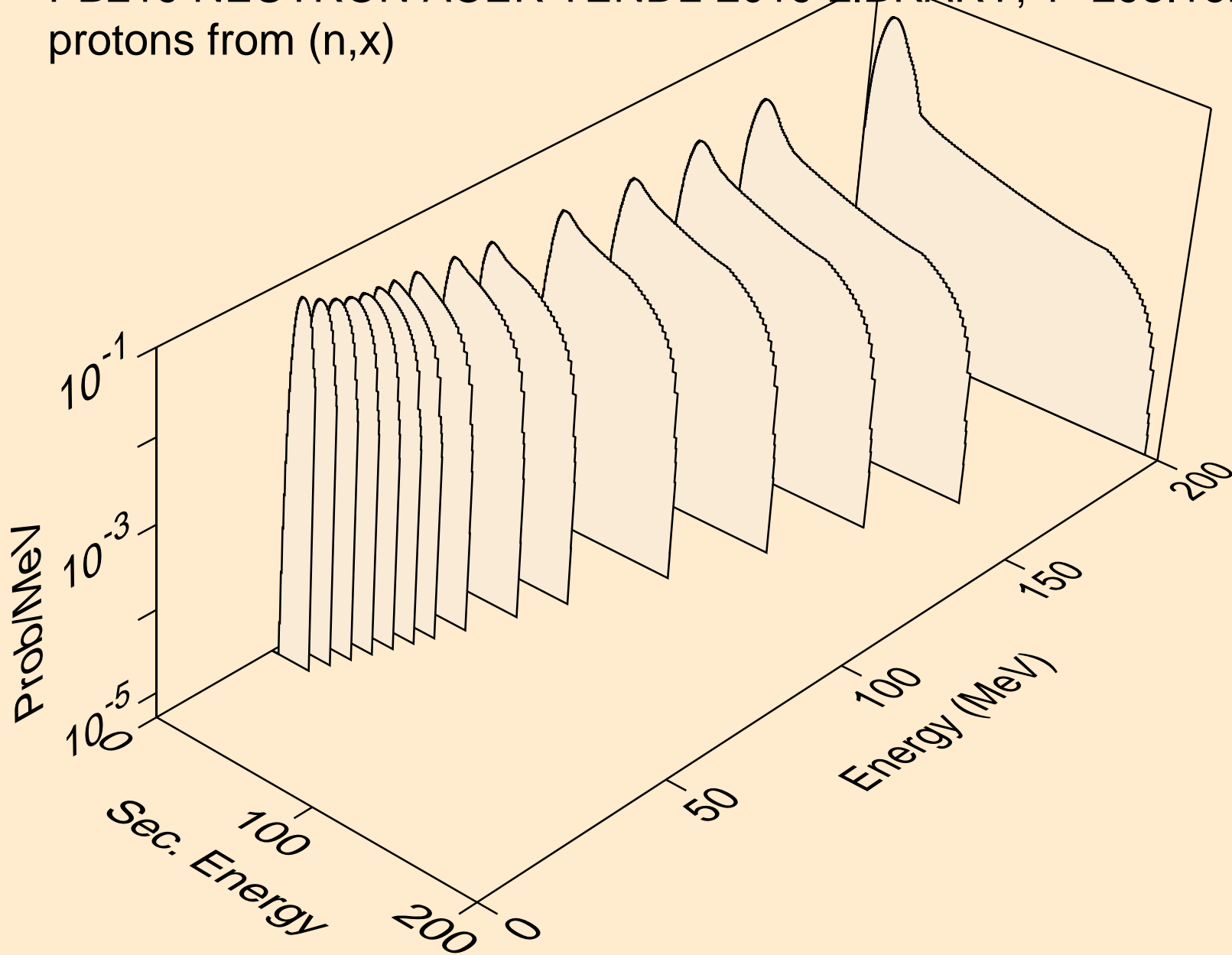
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Recoil Heating



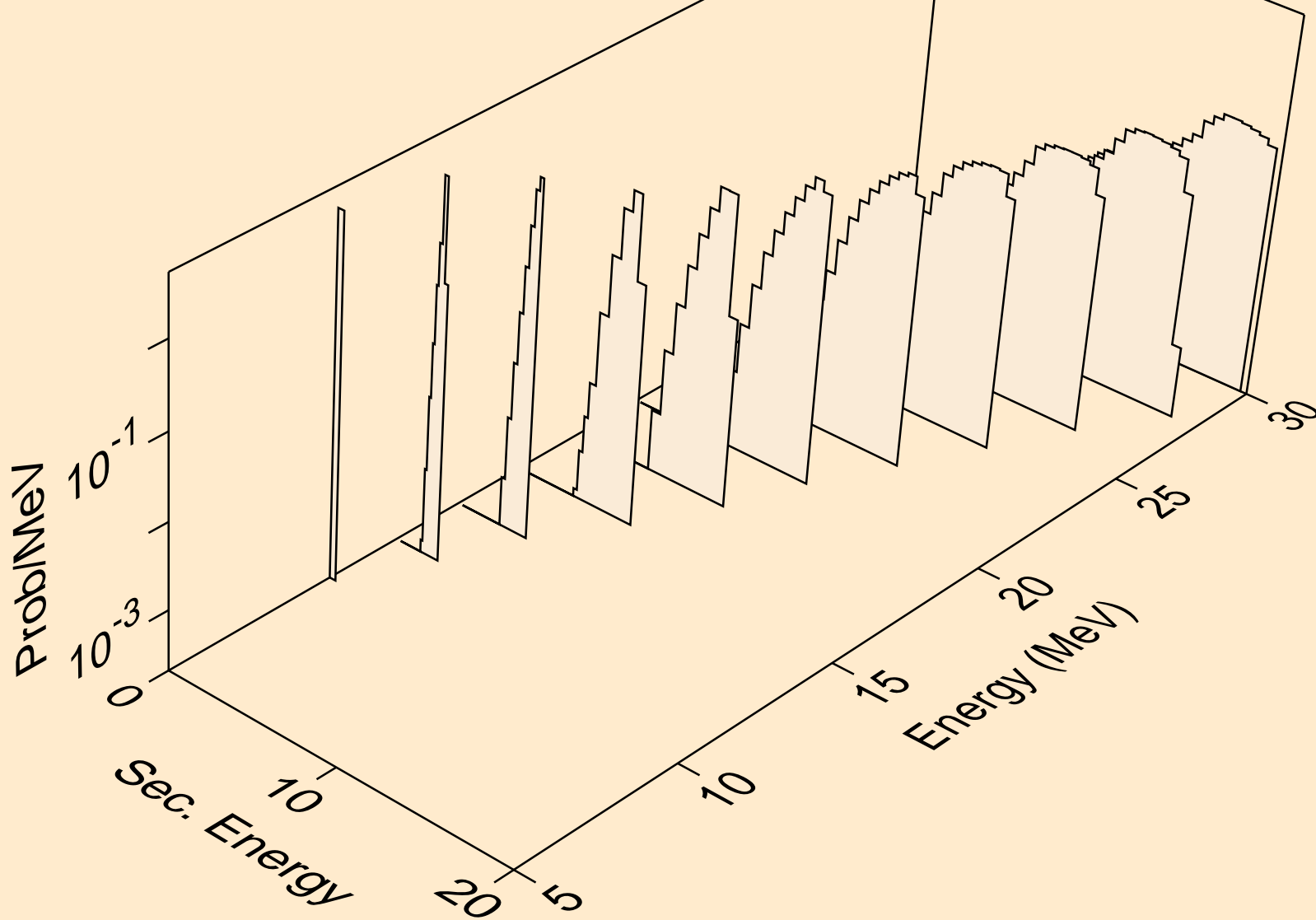
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



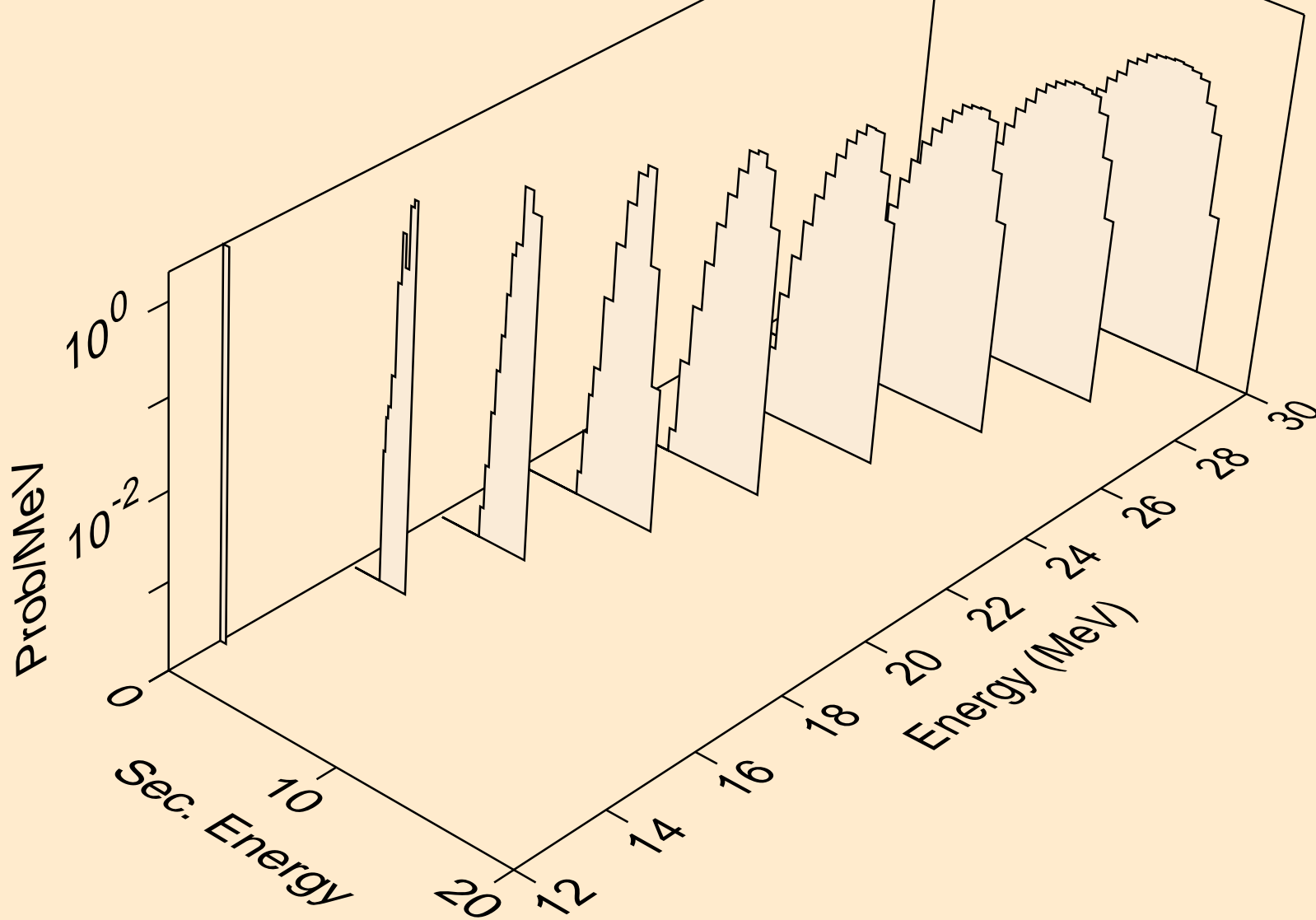
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



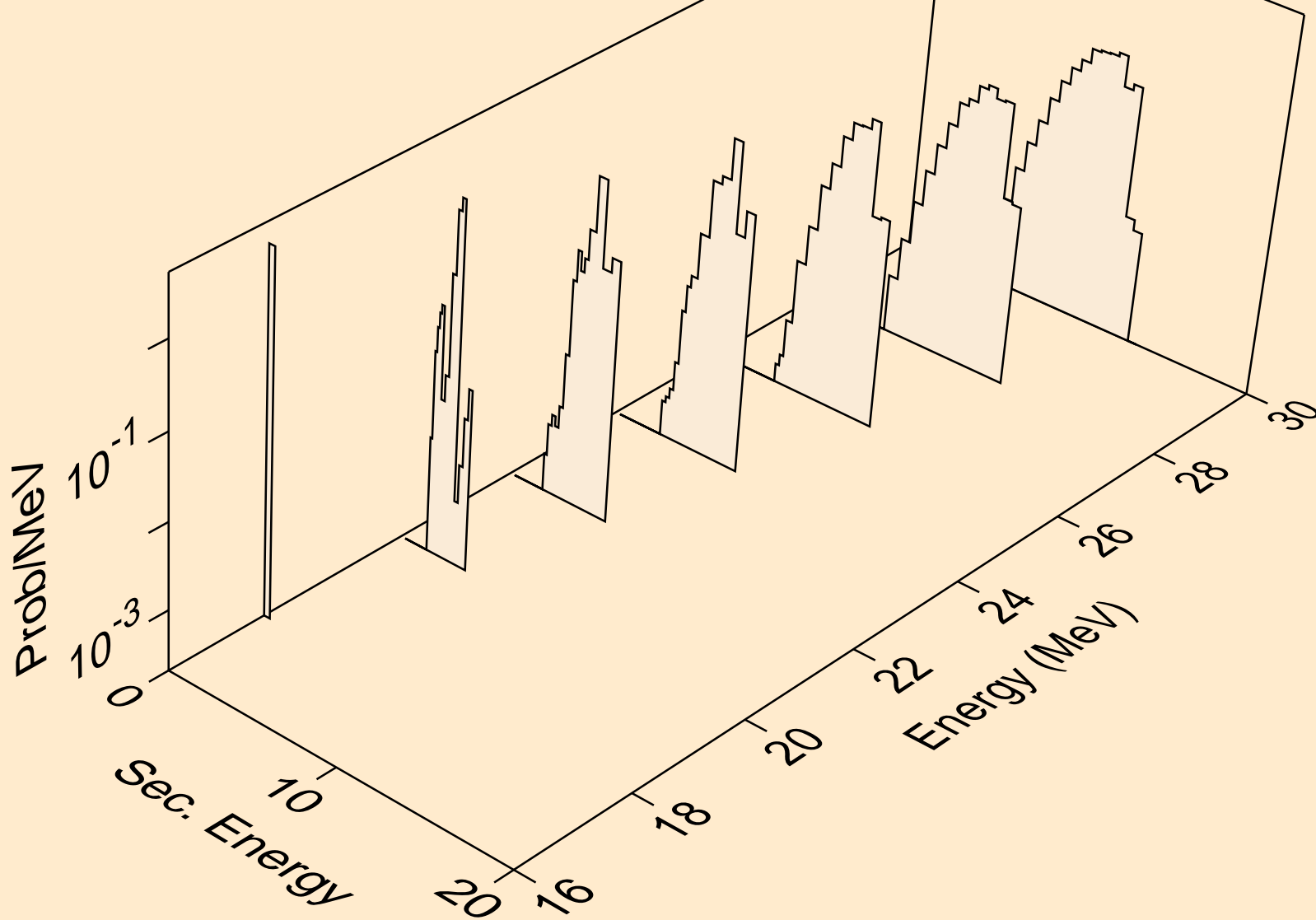
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

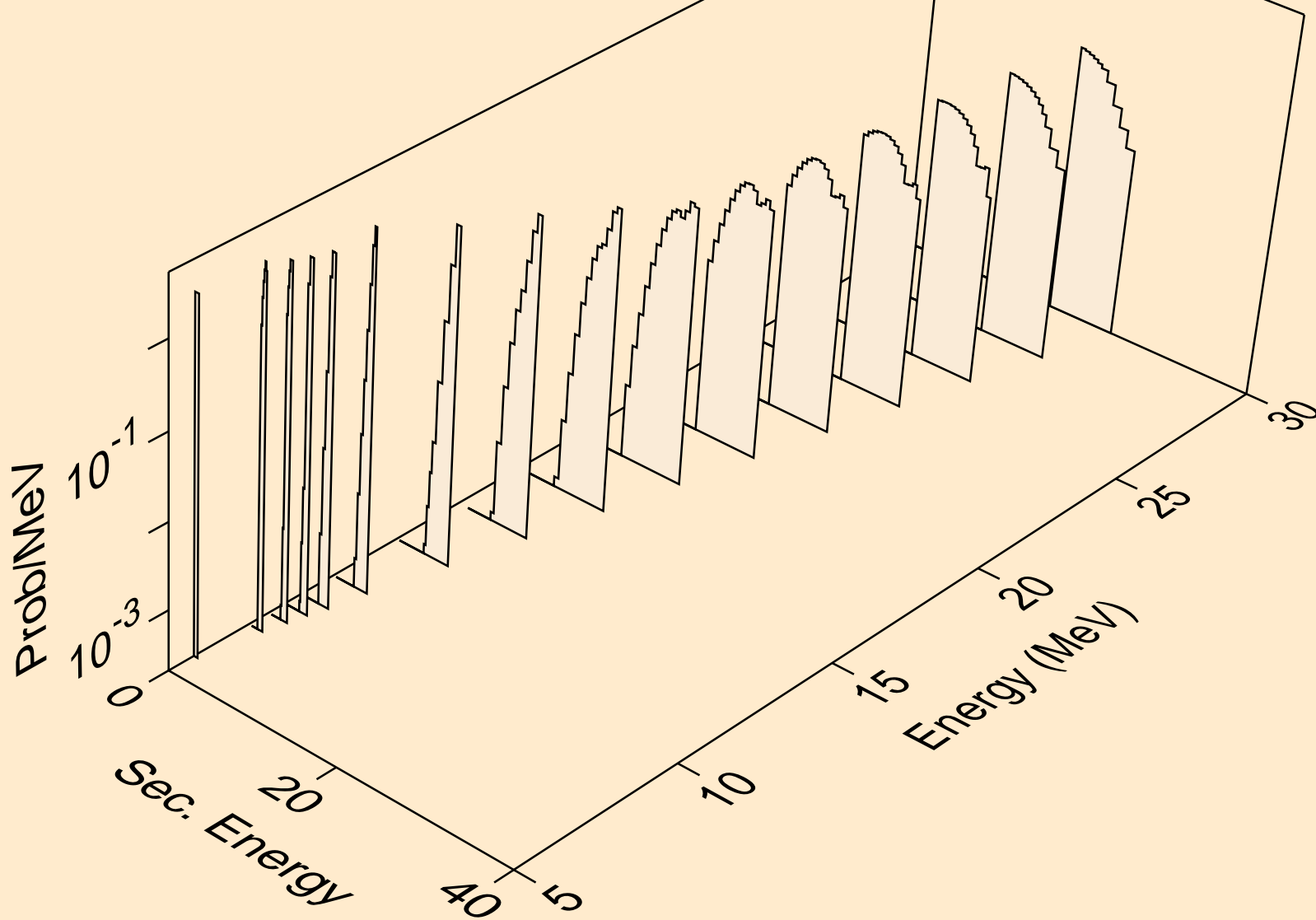


PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

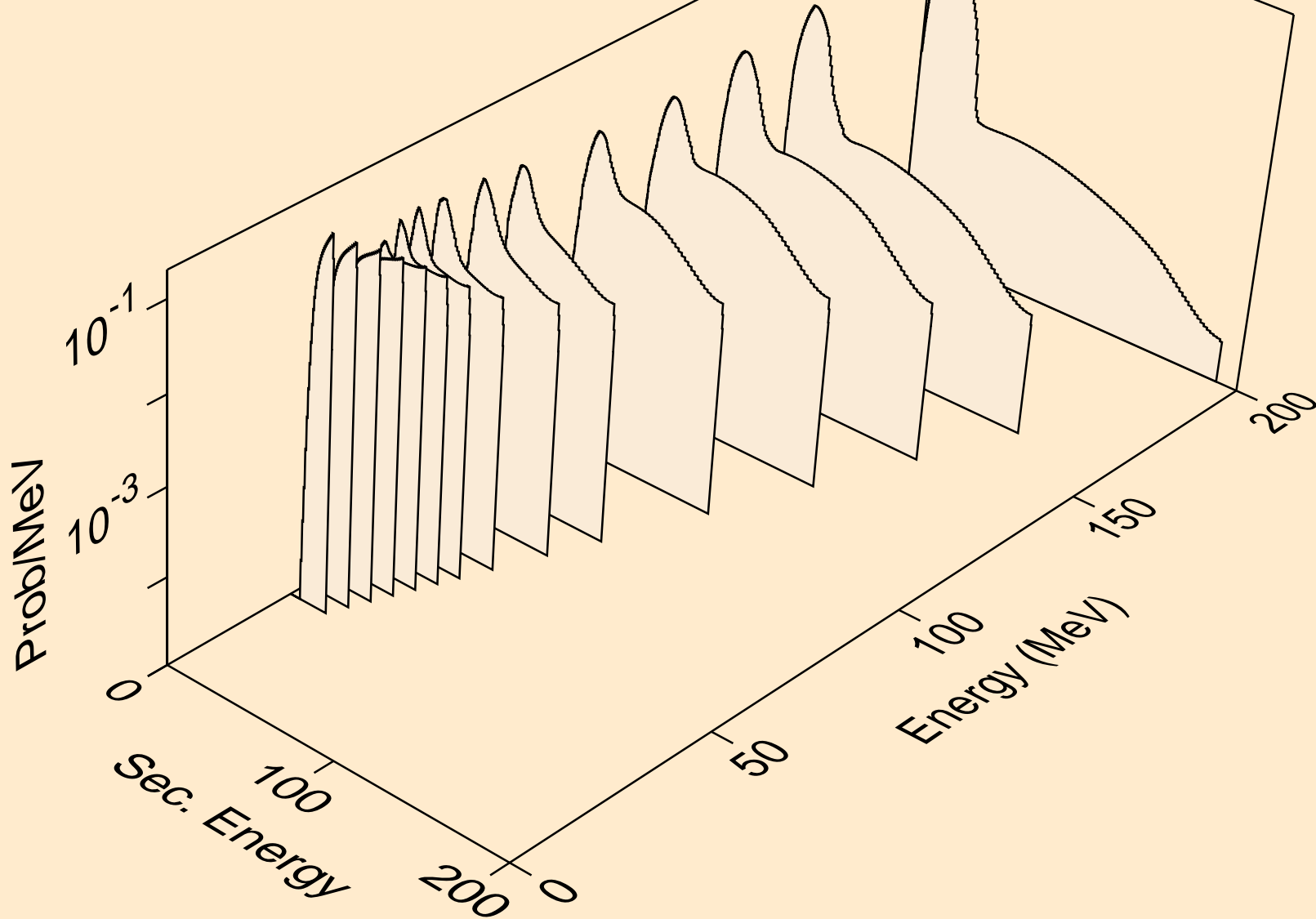




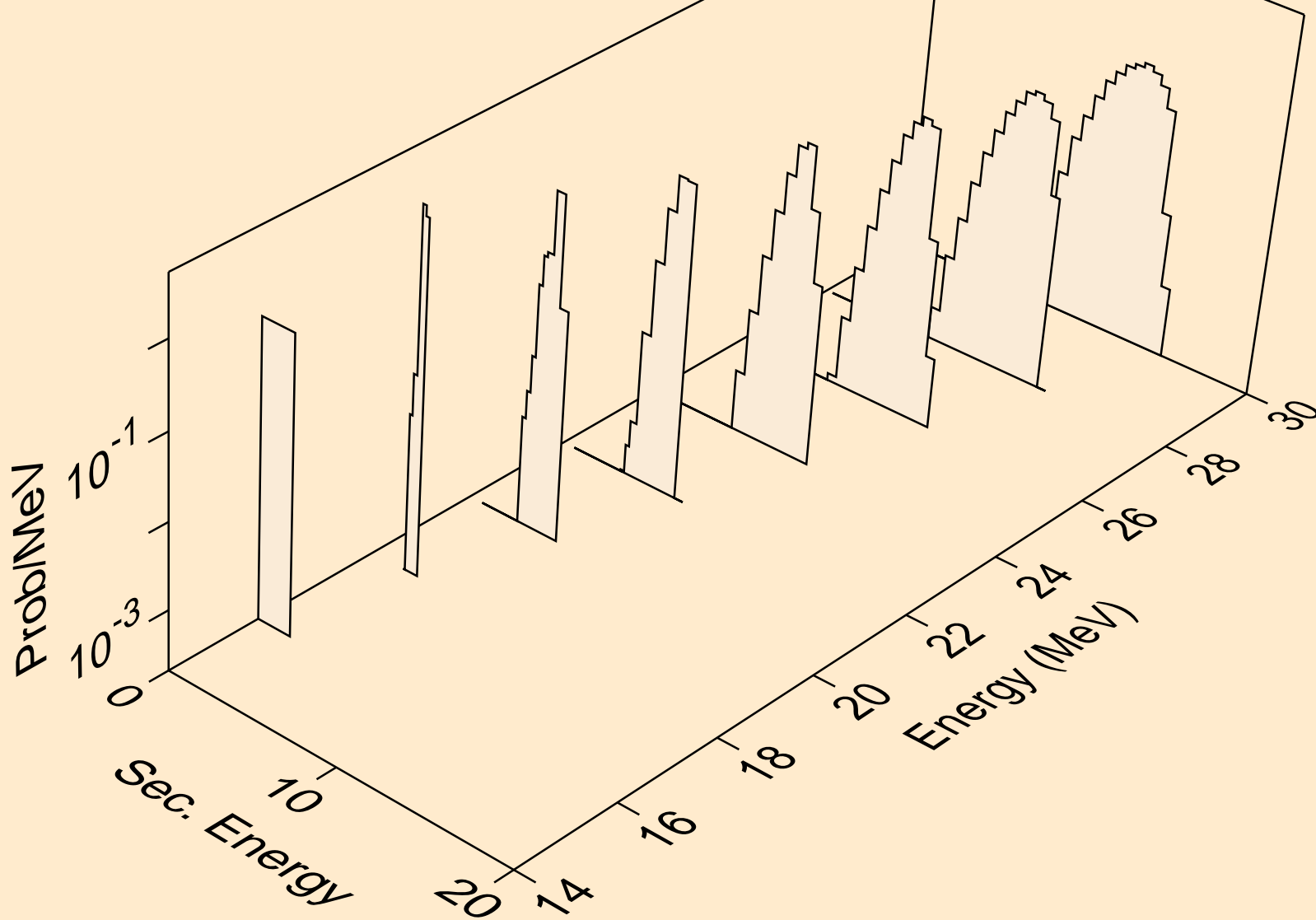
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protons from (n,p)



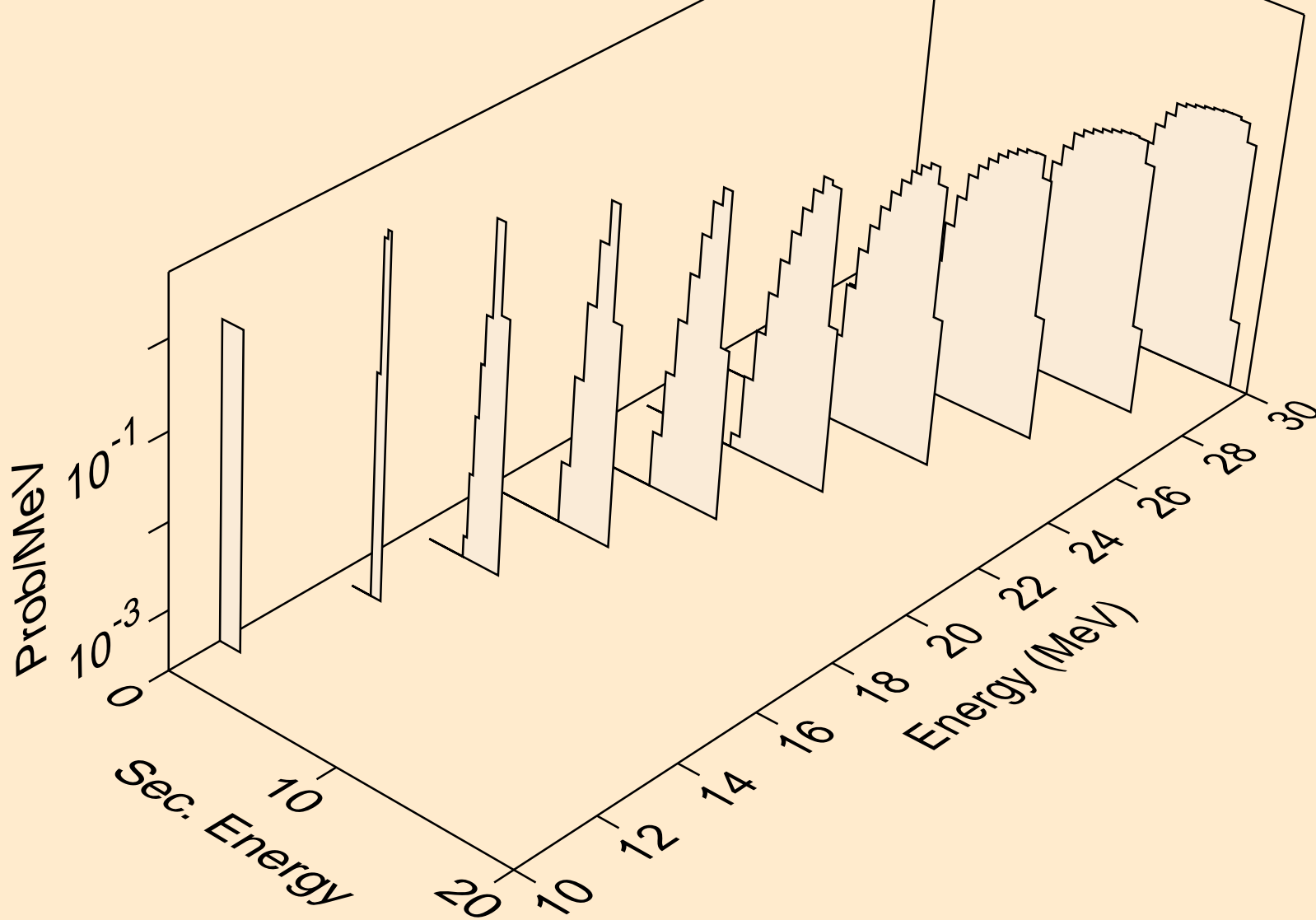
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deuterons from (n,x)



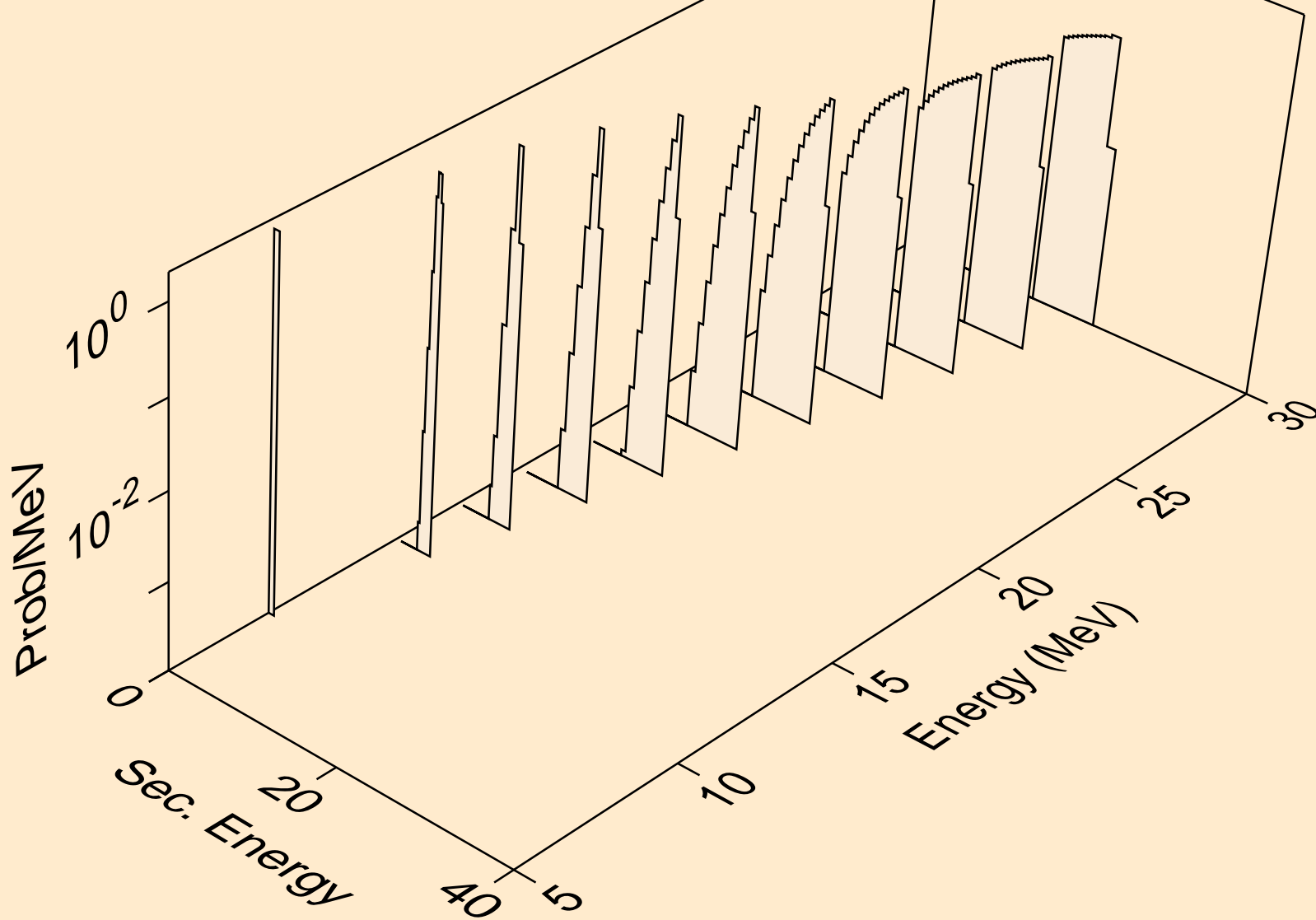
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deuterons from (n,2nd)



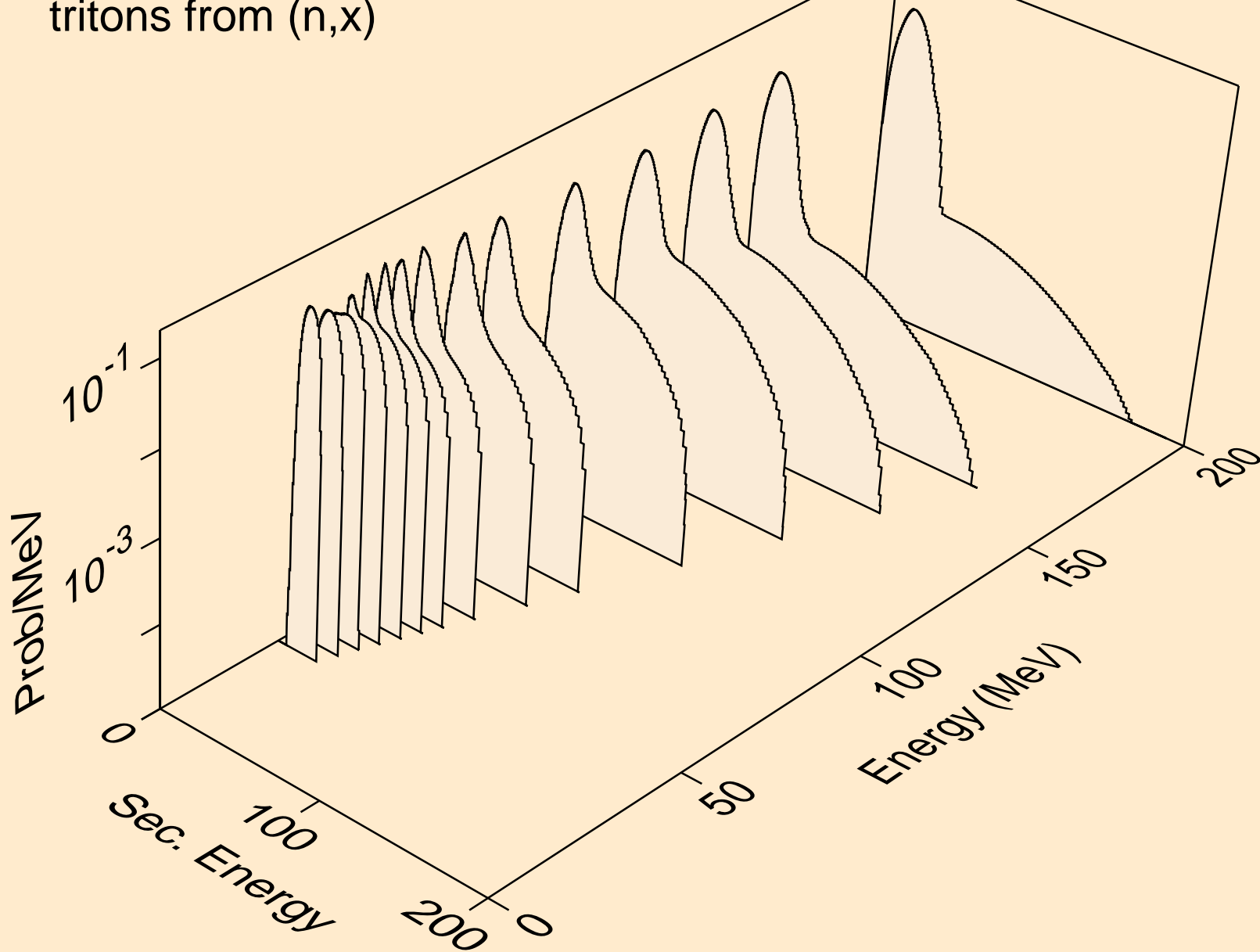
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



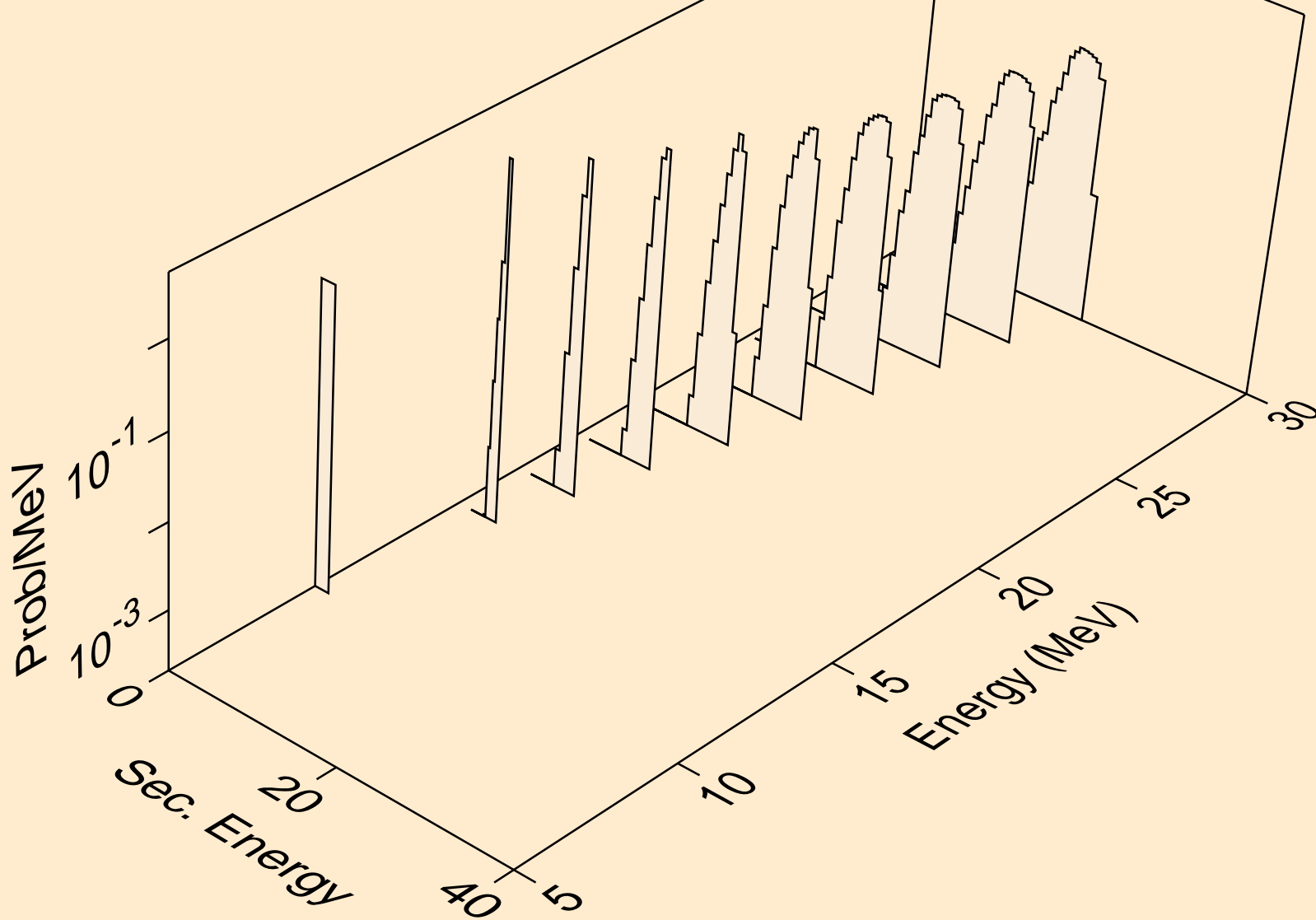
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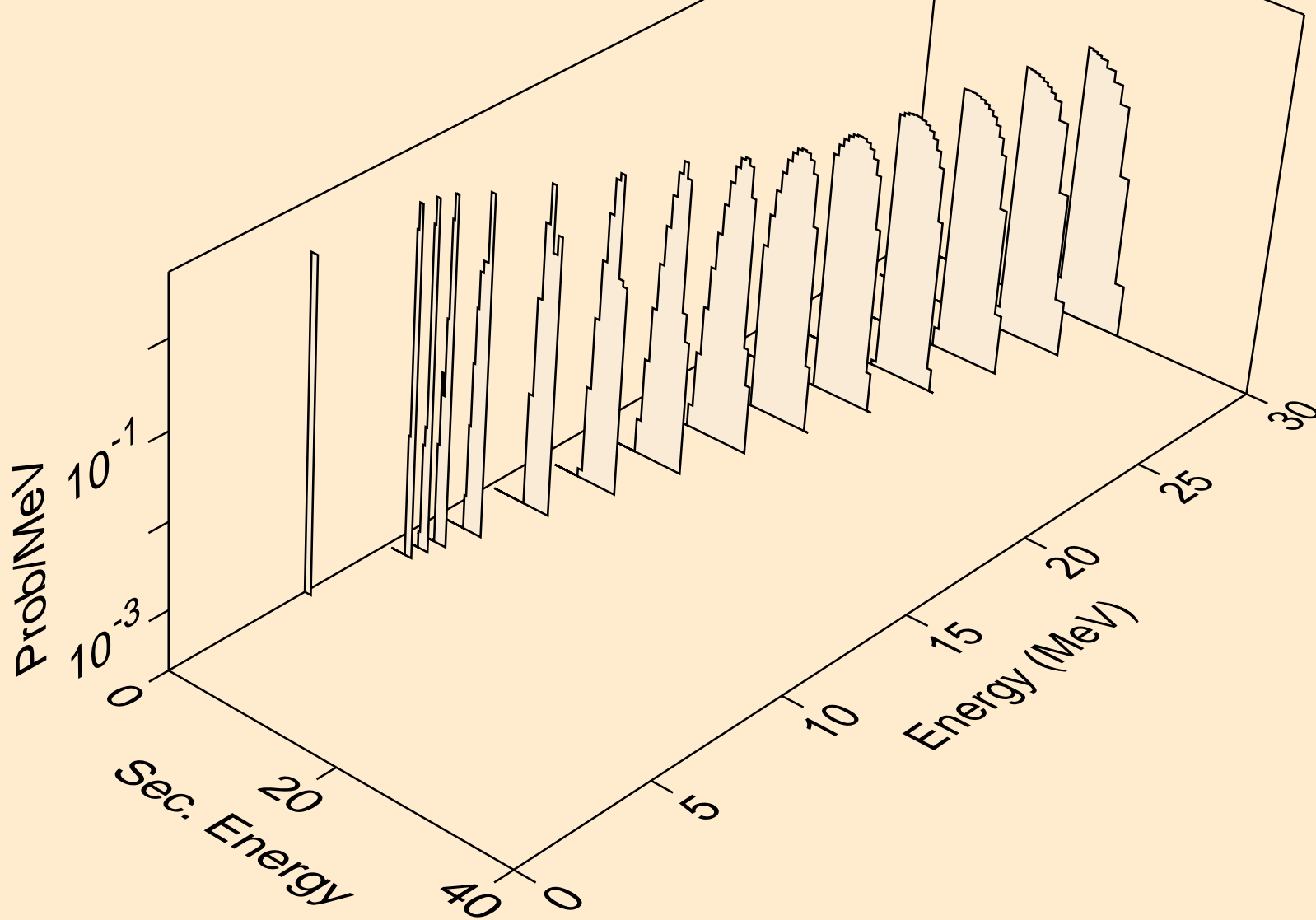
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

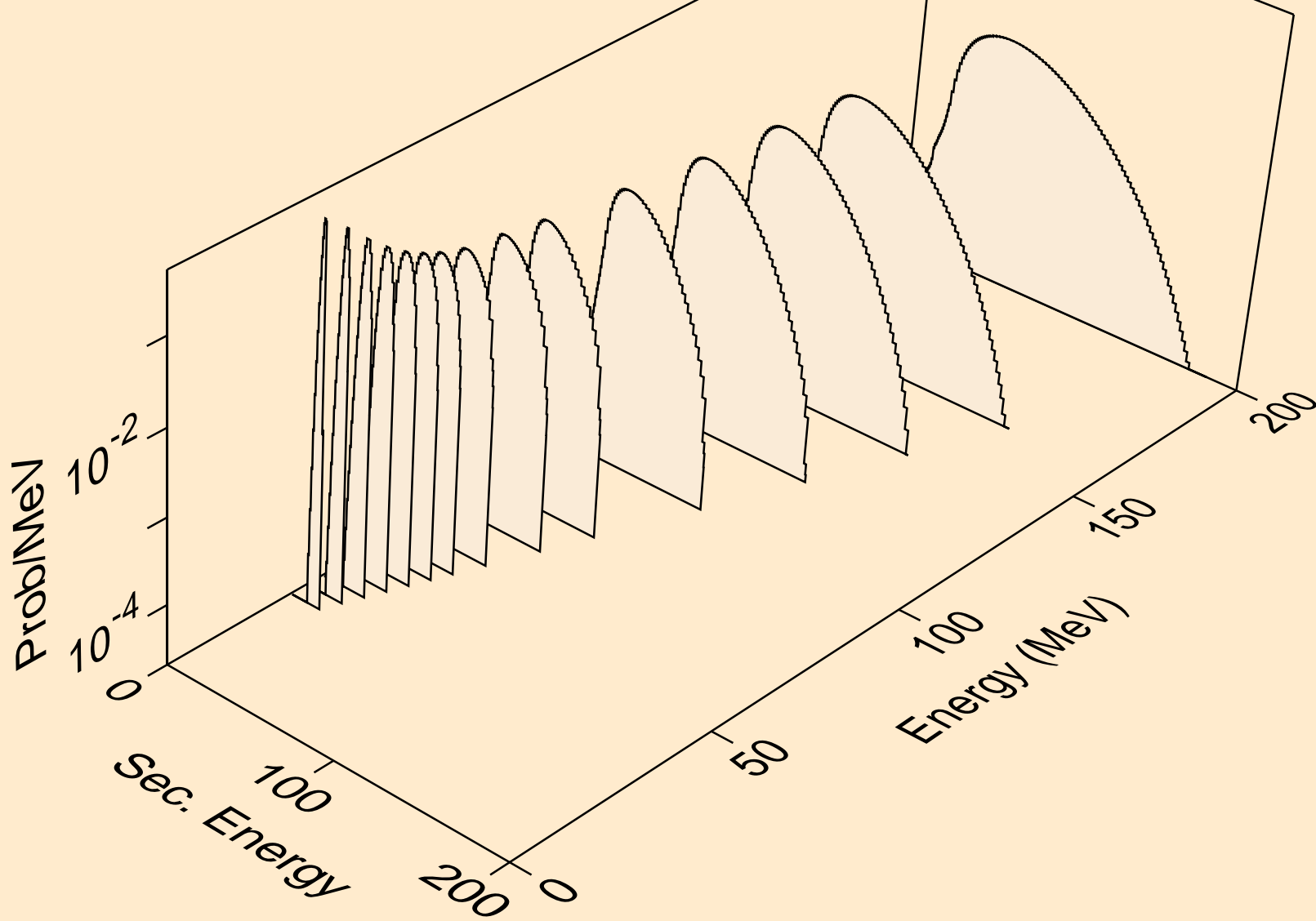


PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

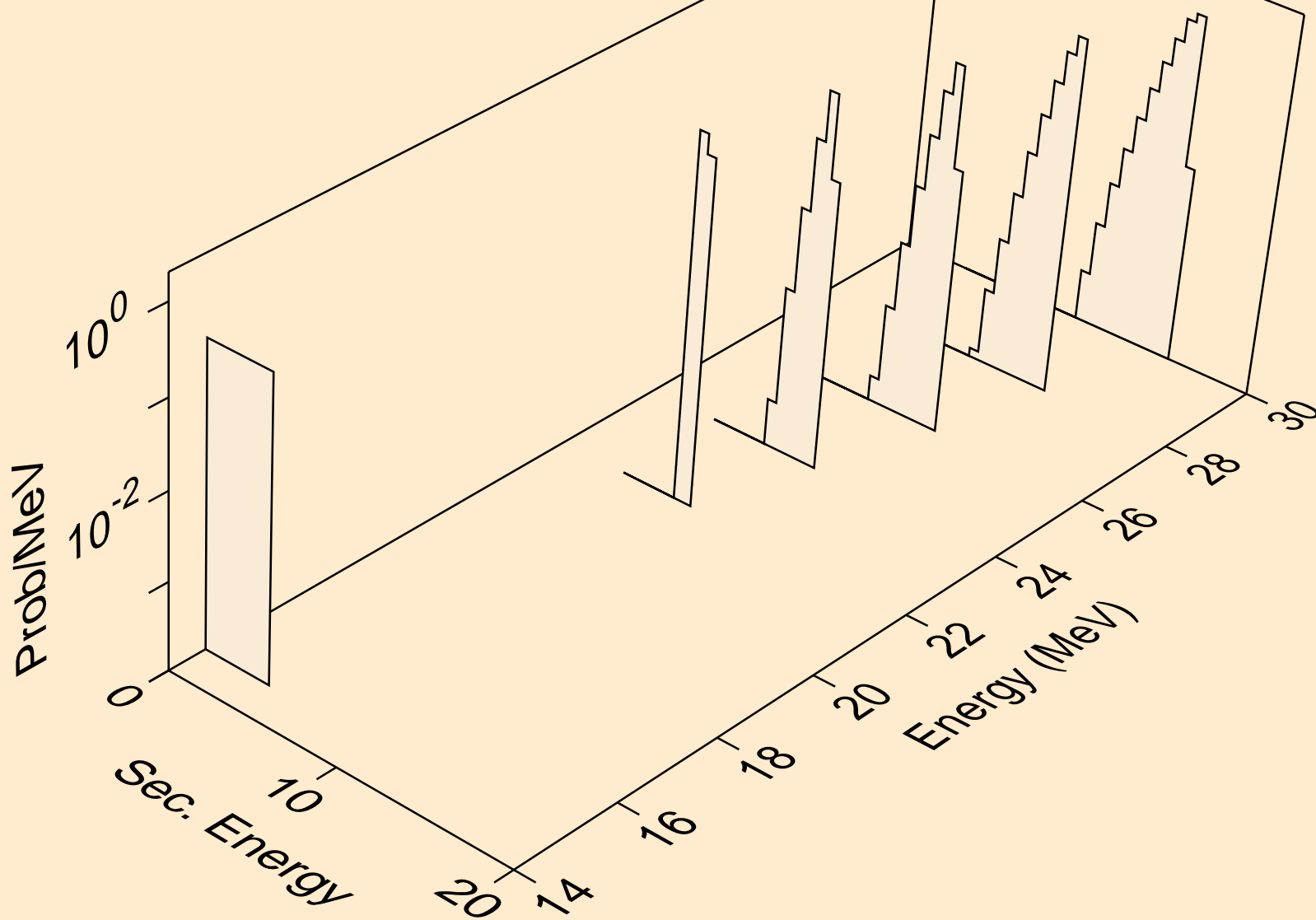




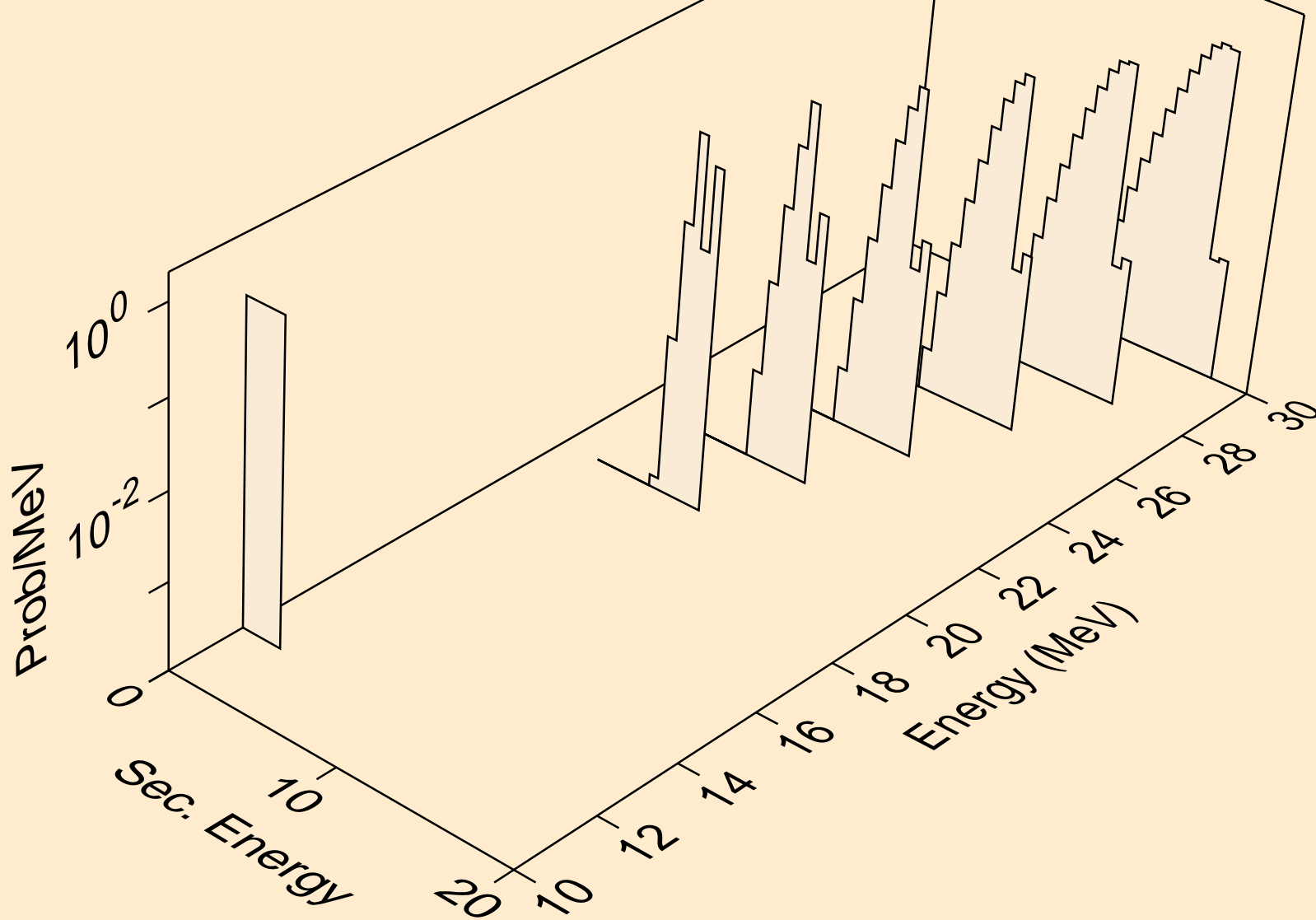
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



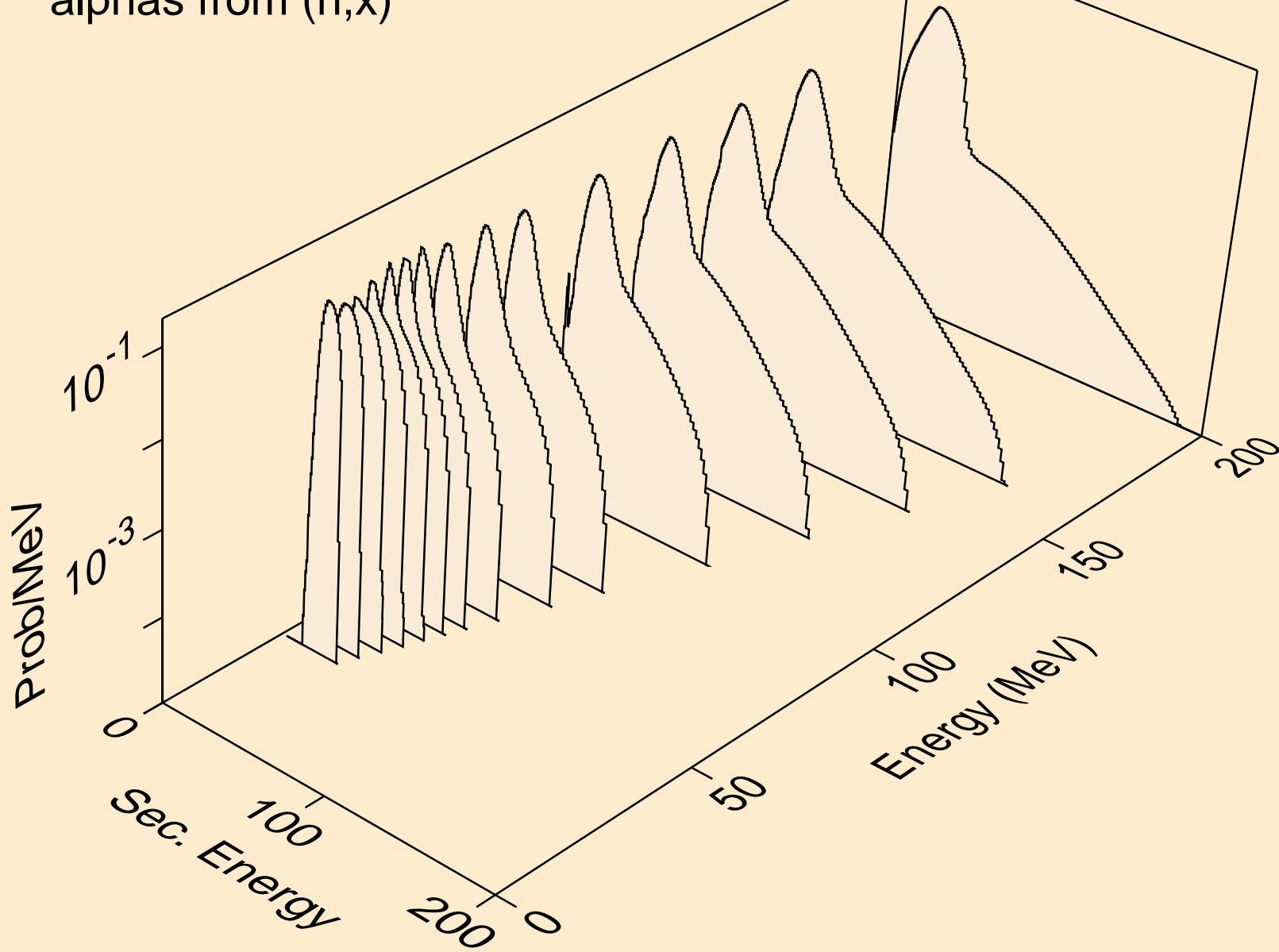
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he3s from (n,n\*)he3



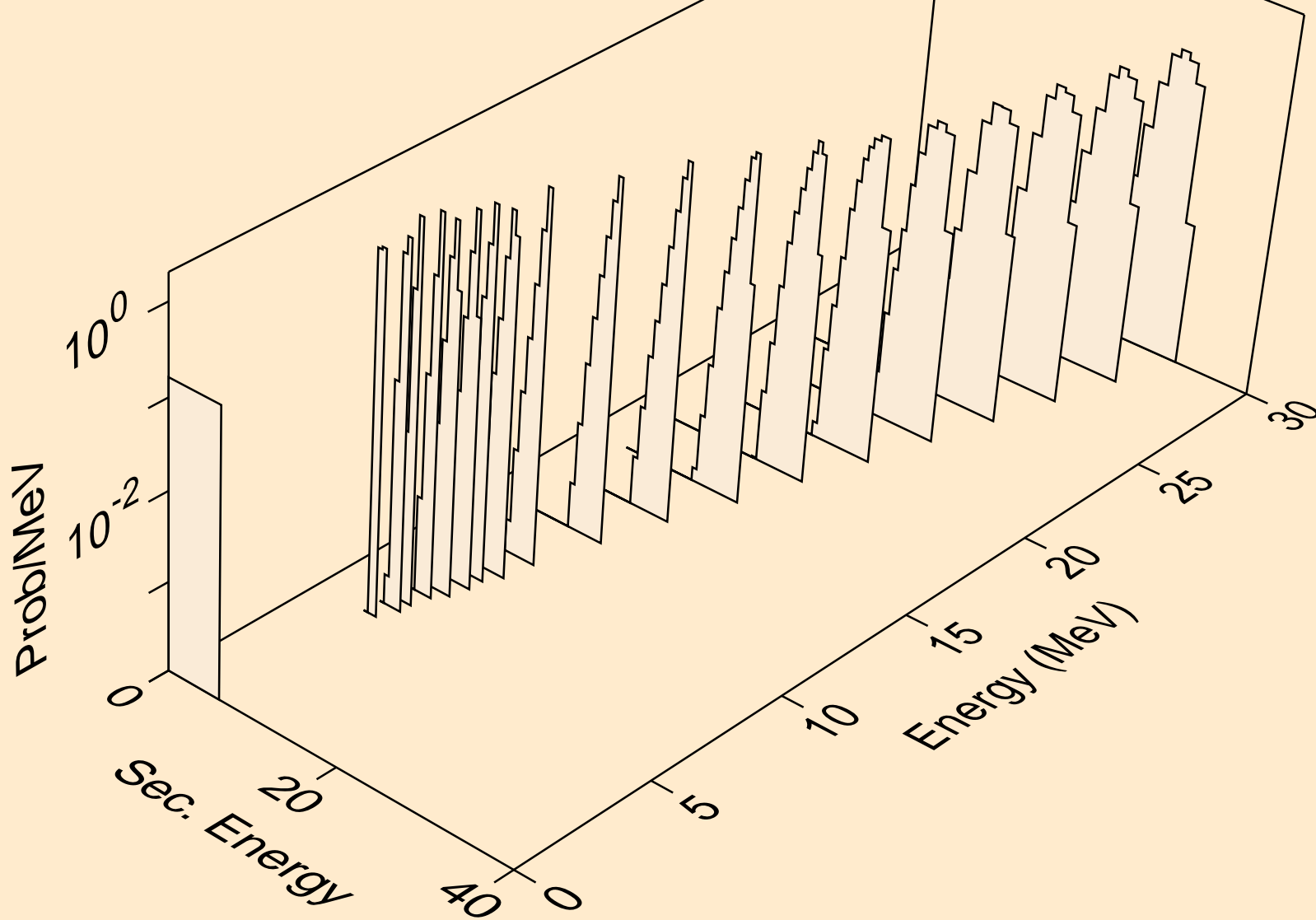
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he3s from (n,he3)



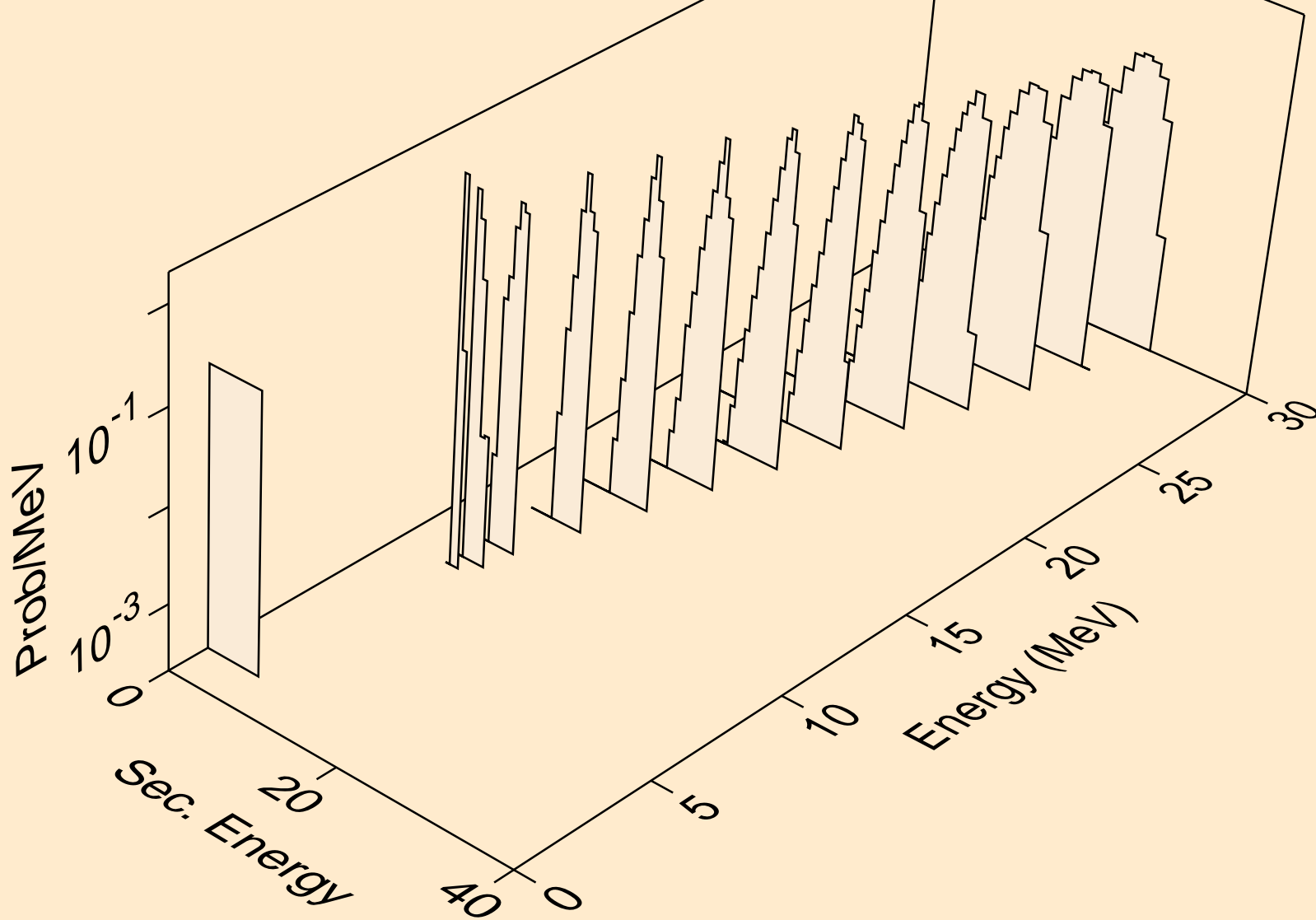
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alphas from (n,x)



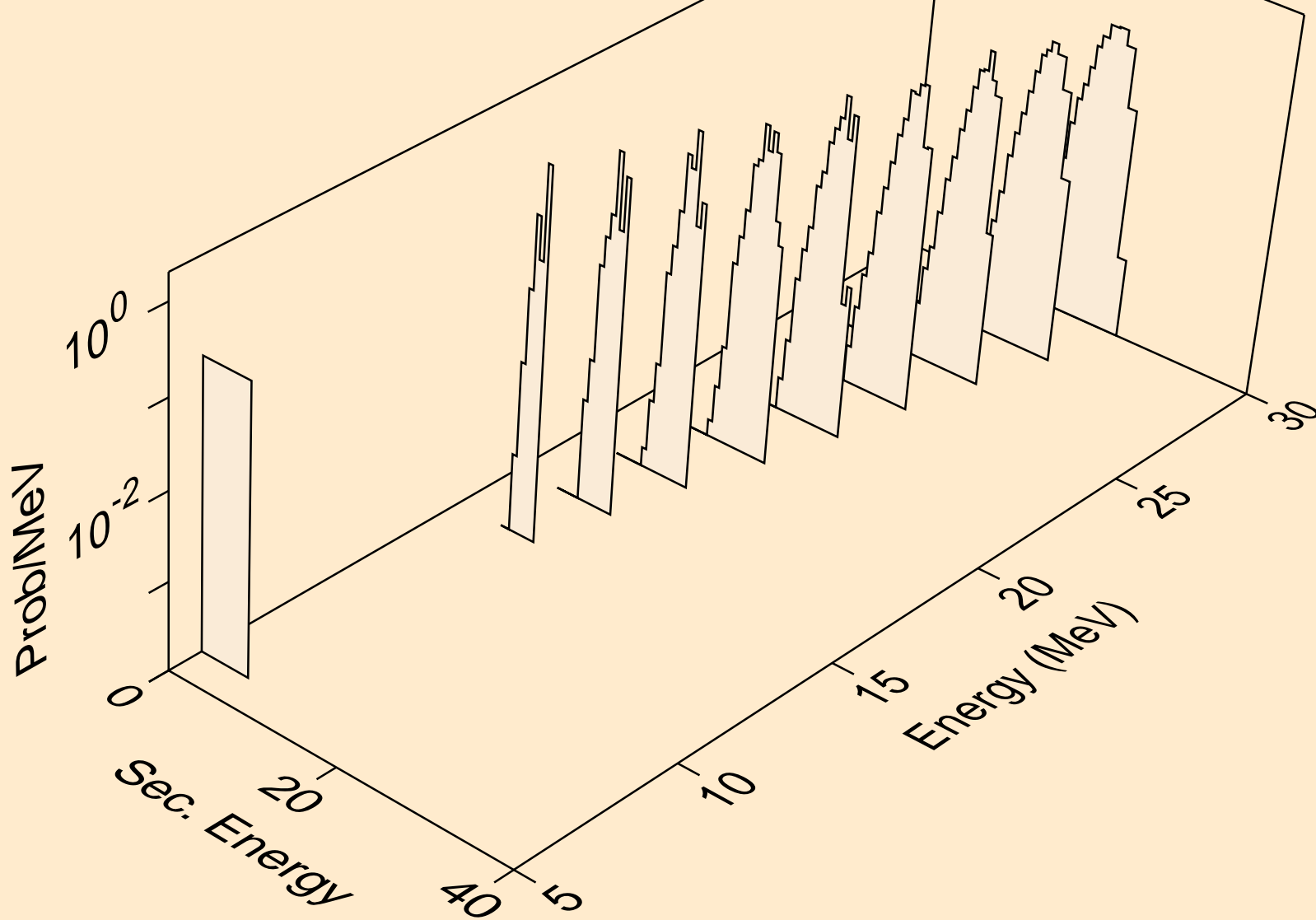
PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



PB219 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

