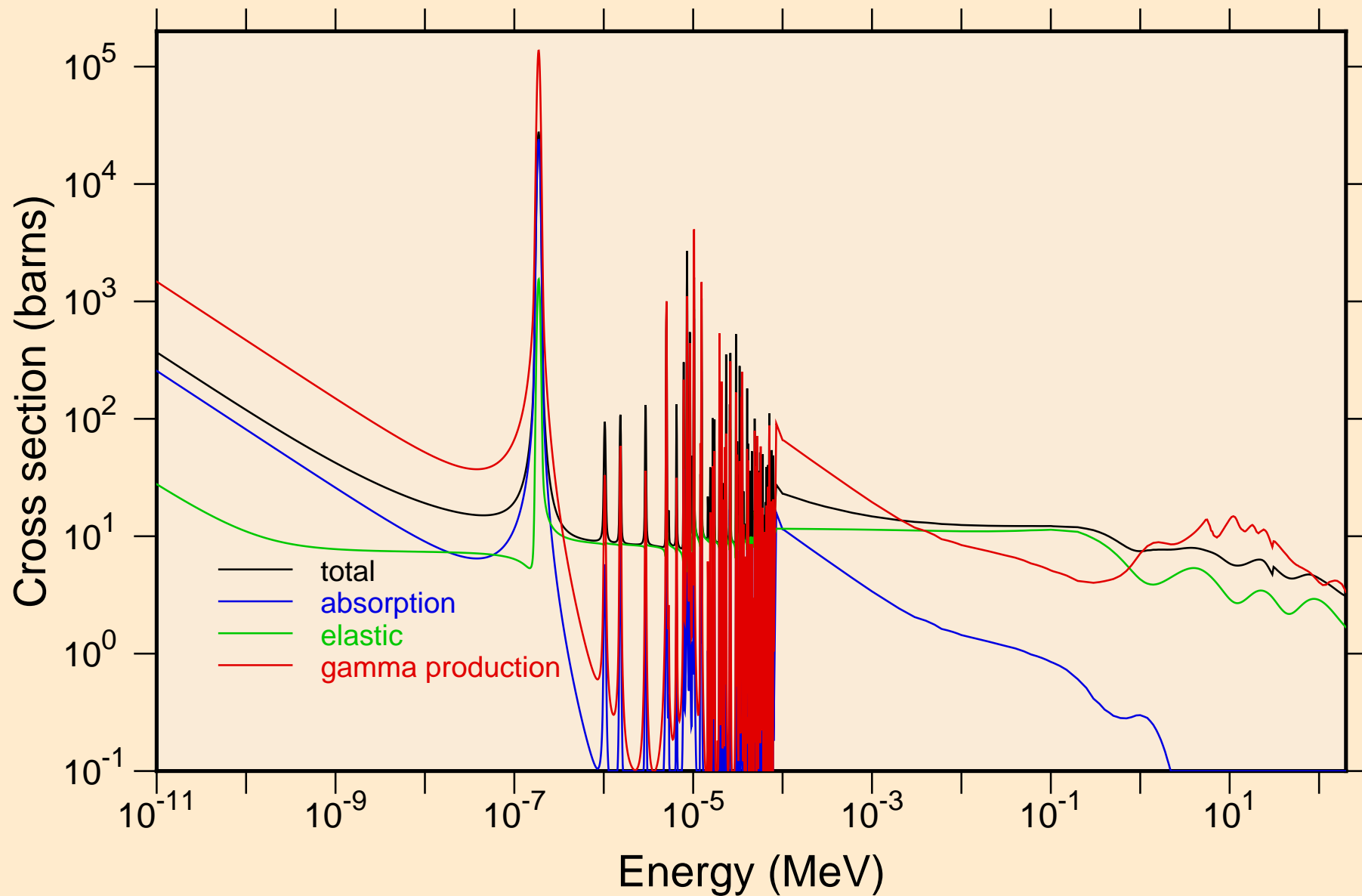
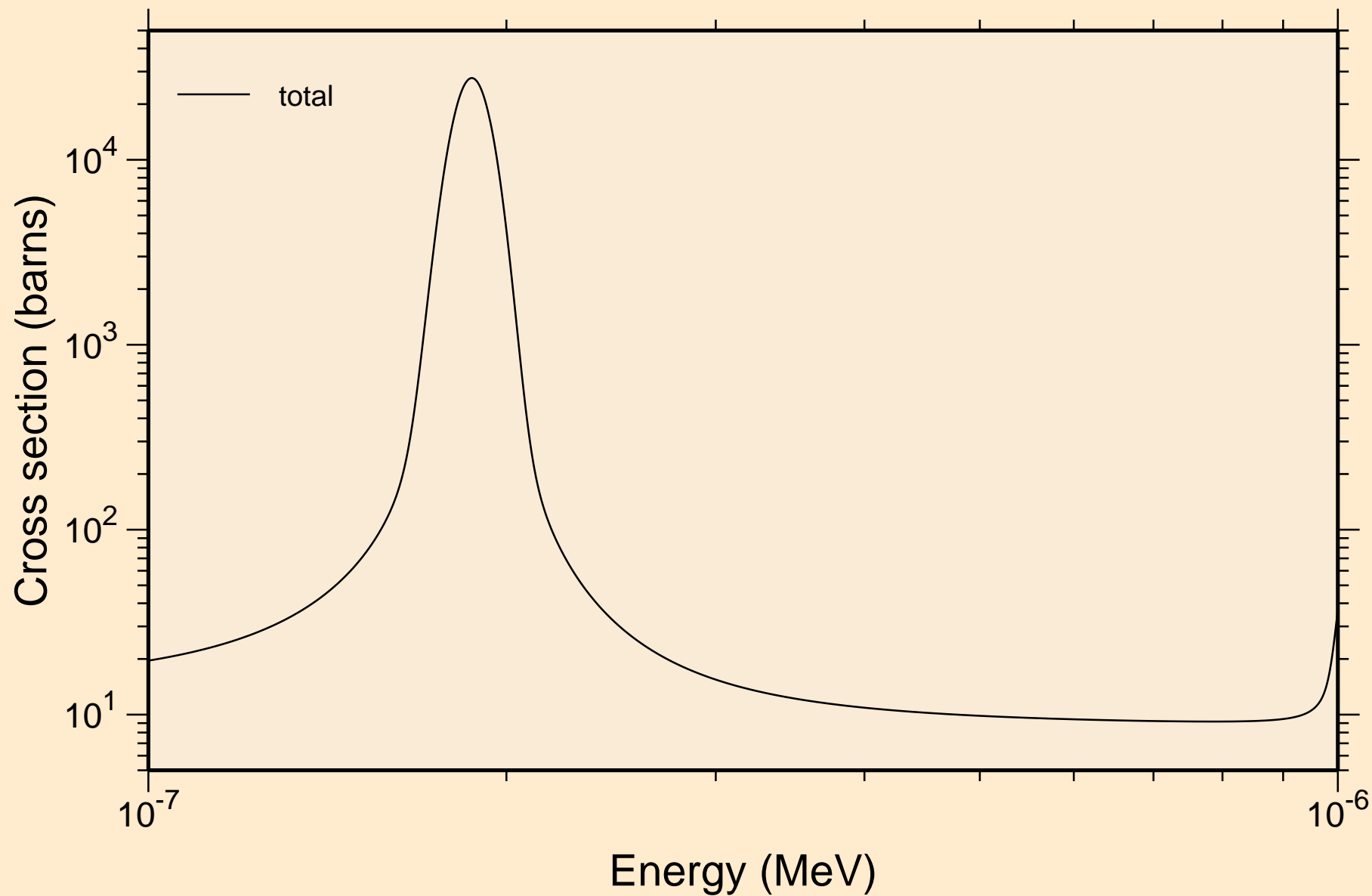


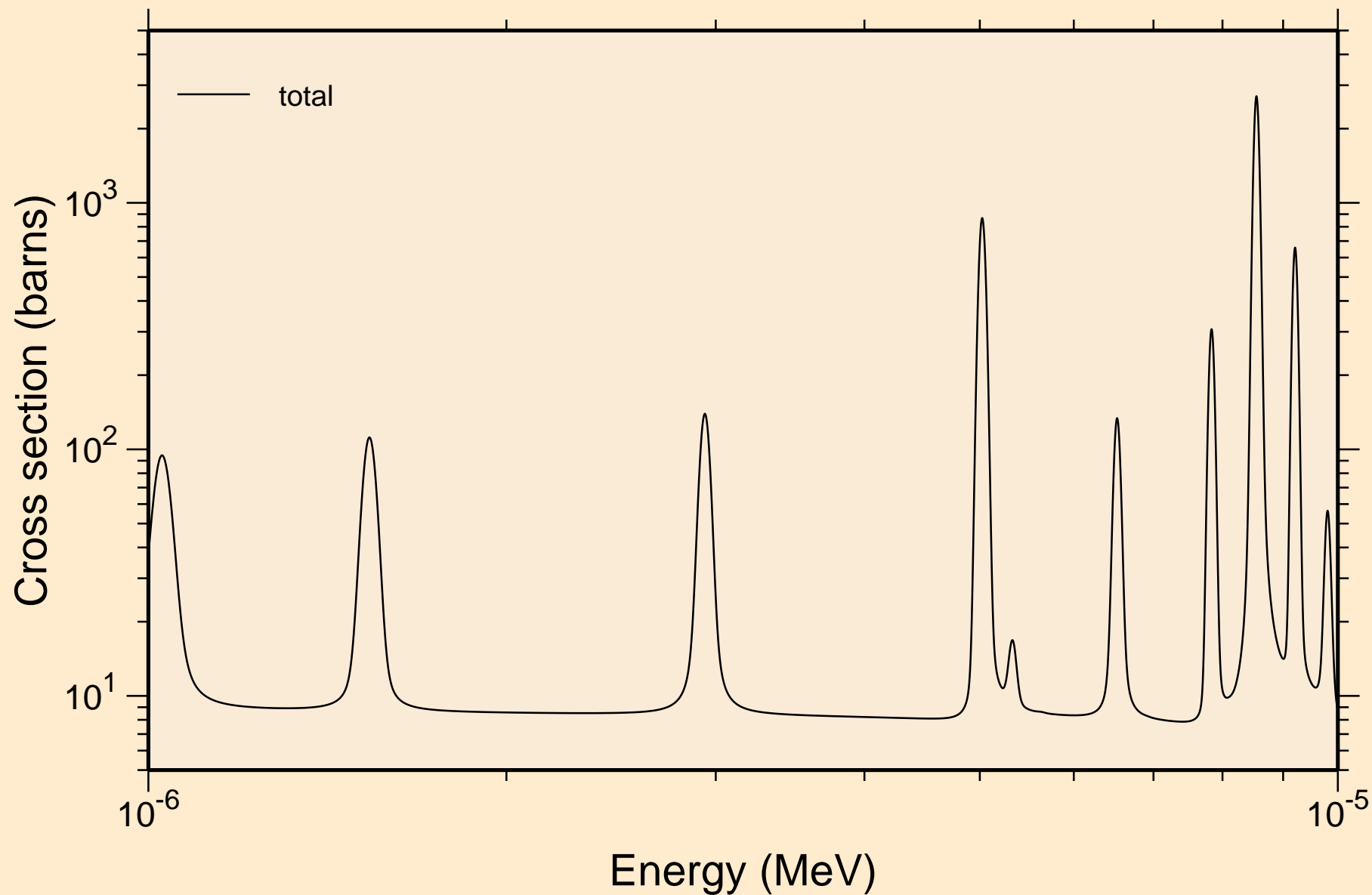
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



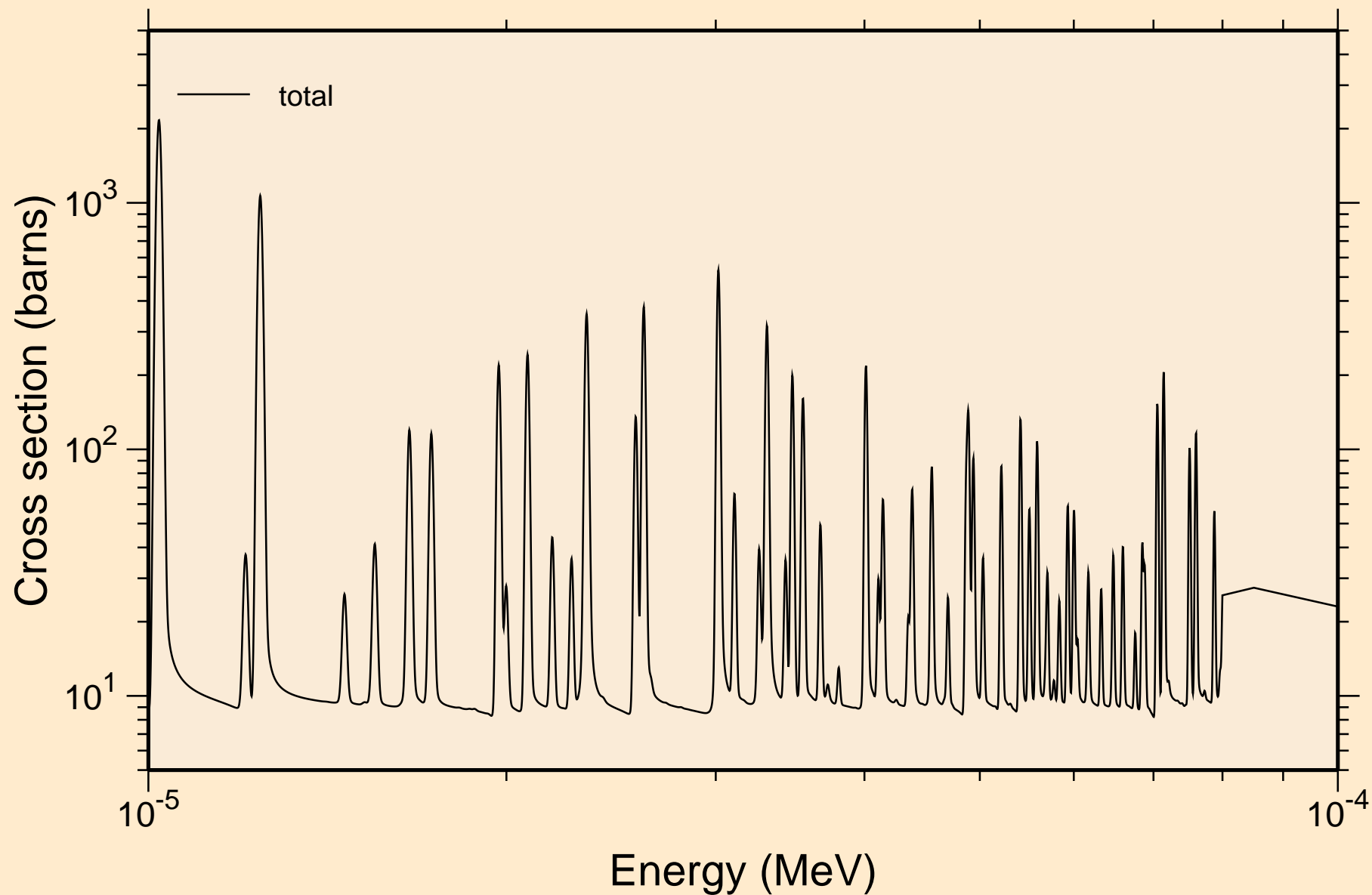
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



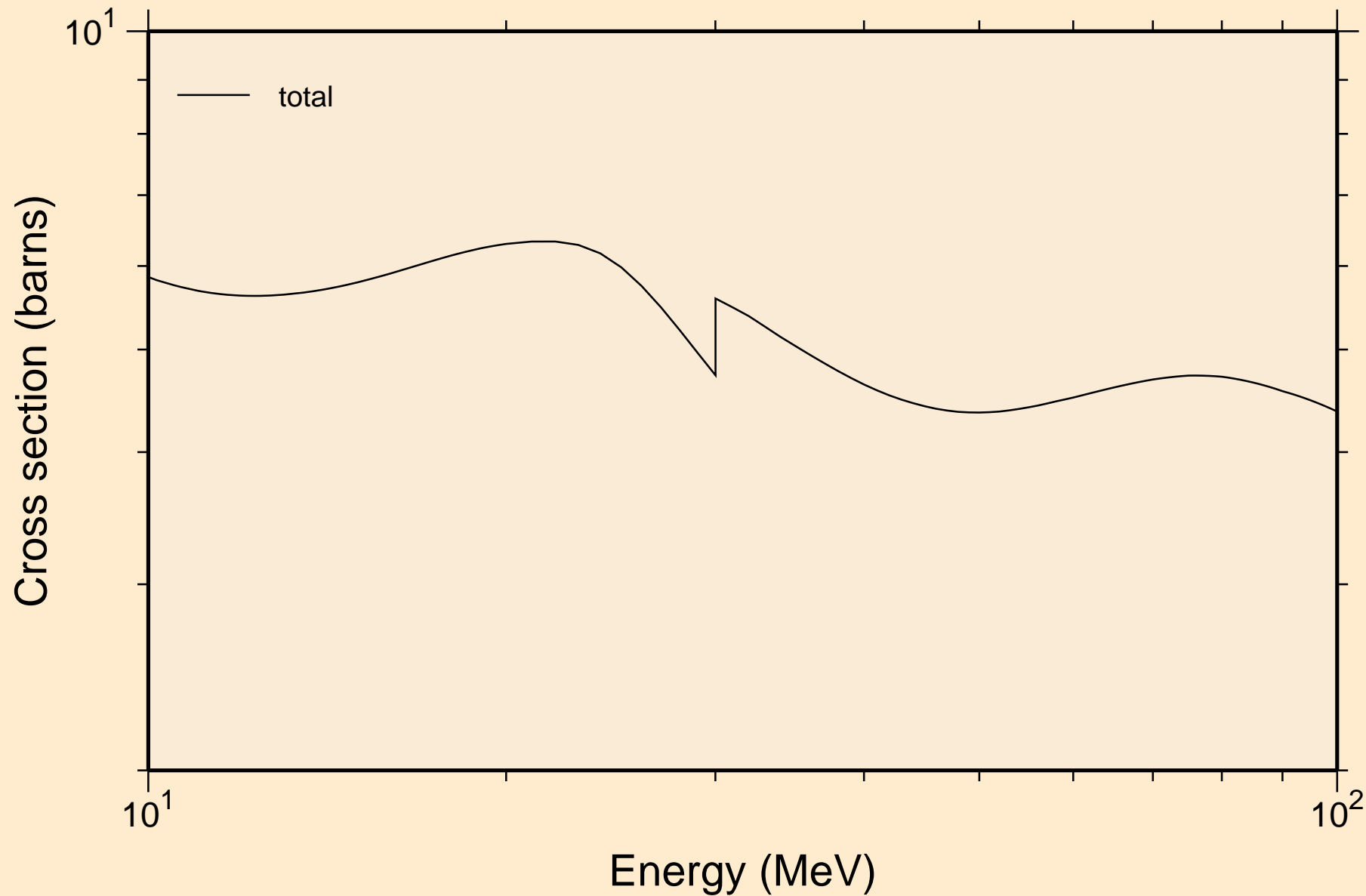
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resonance total cross section



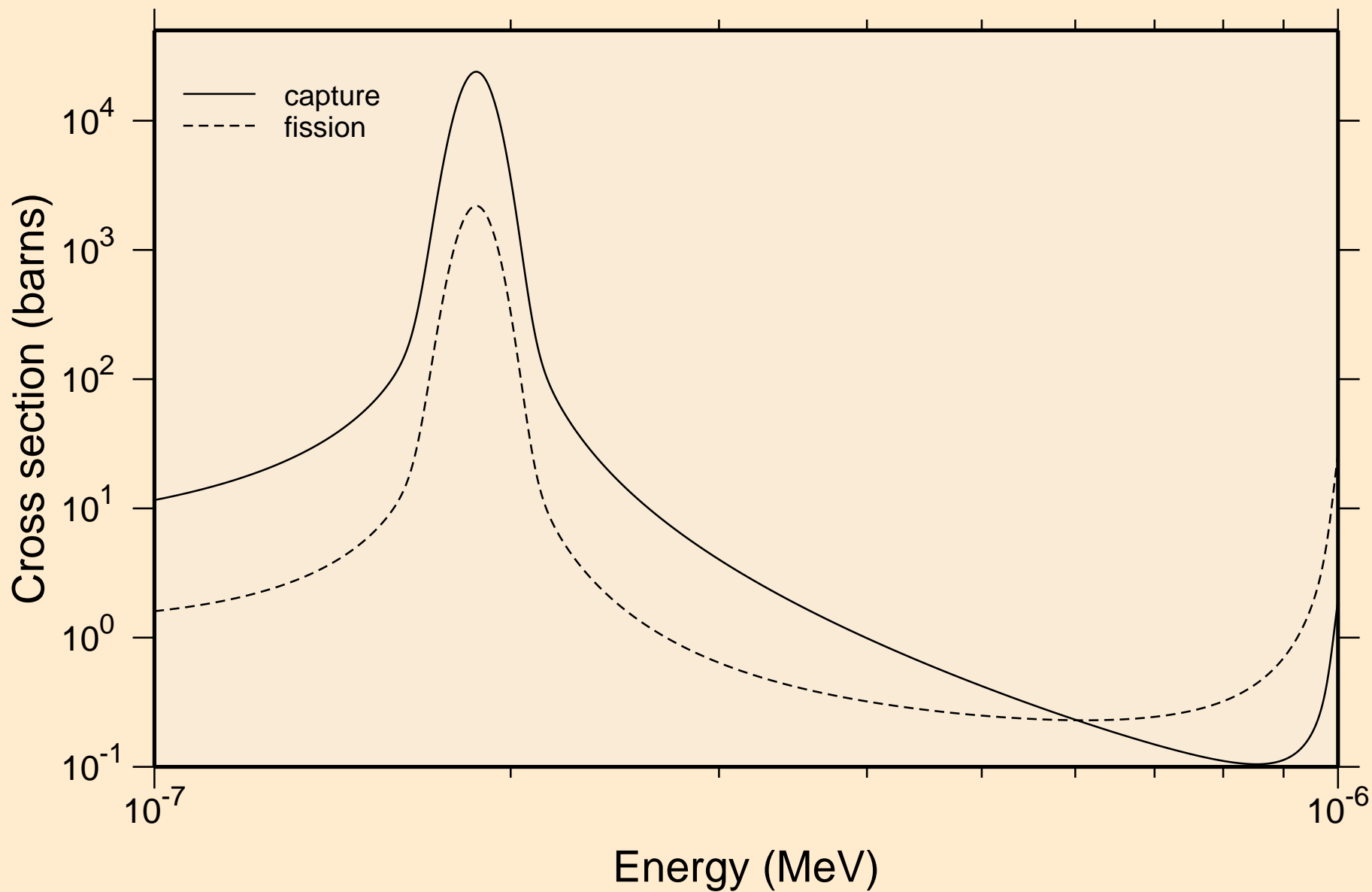
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resonance total cross section



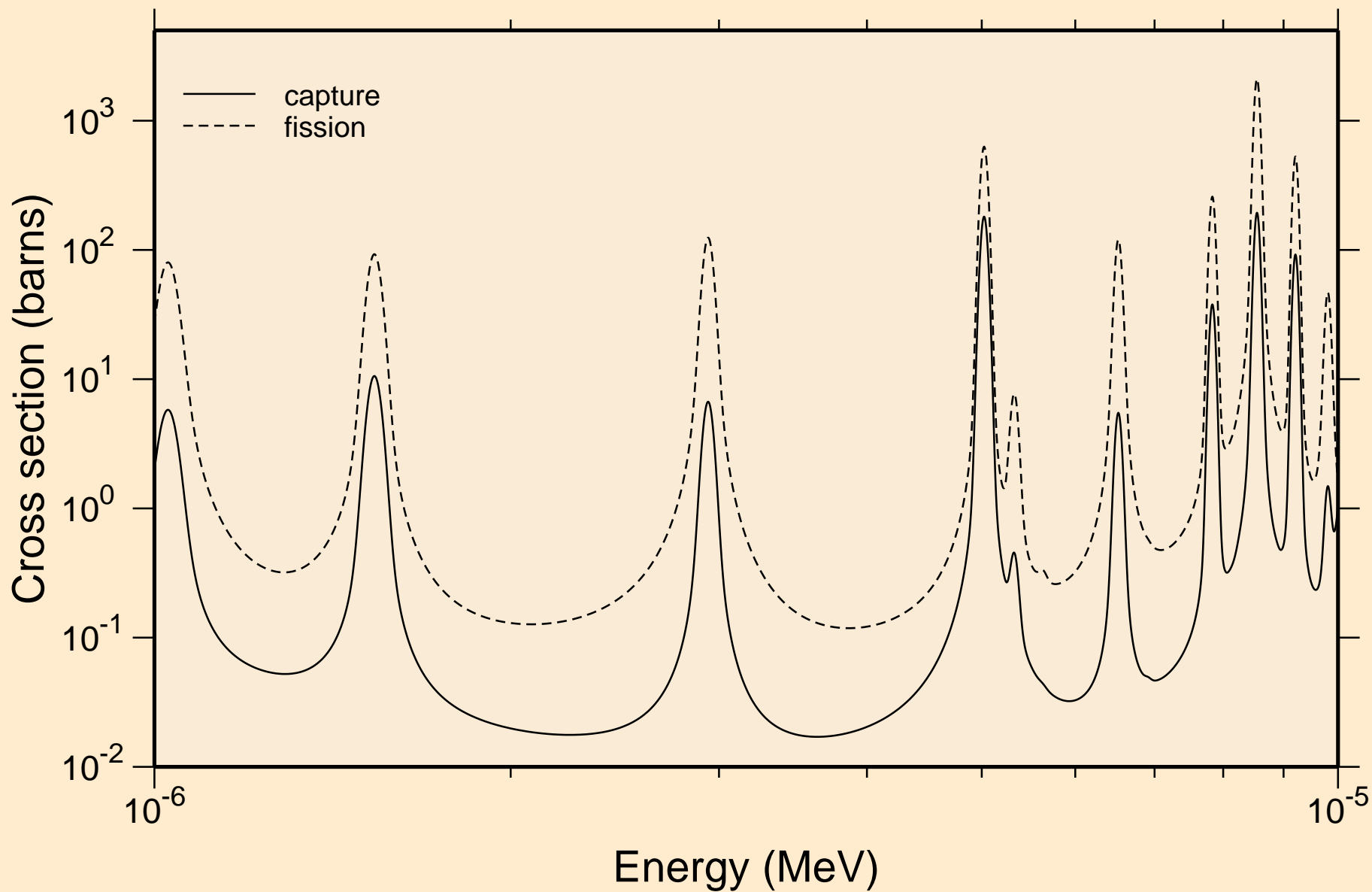
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resonance total cross section



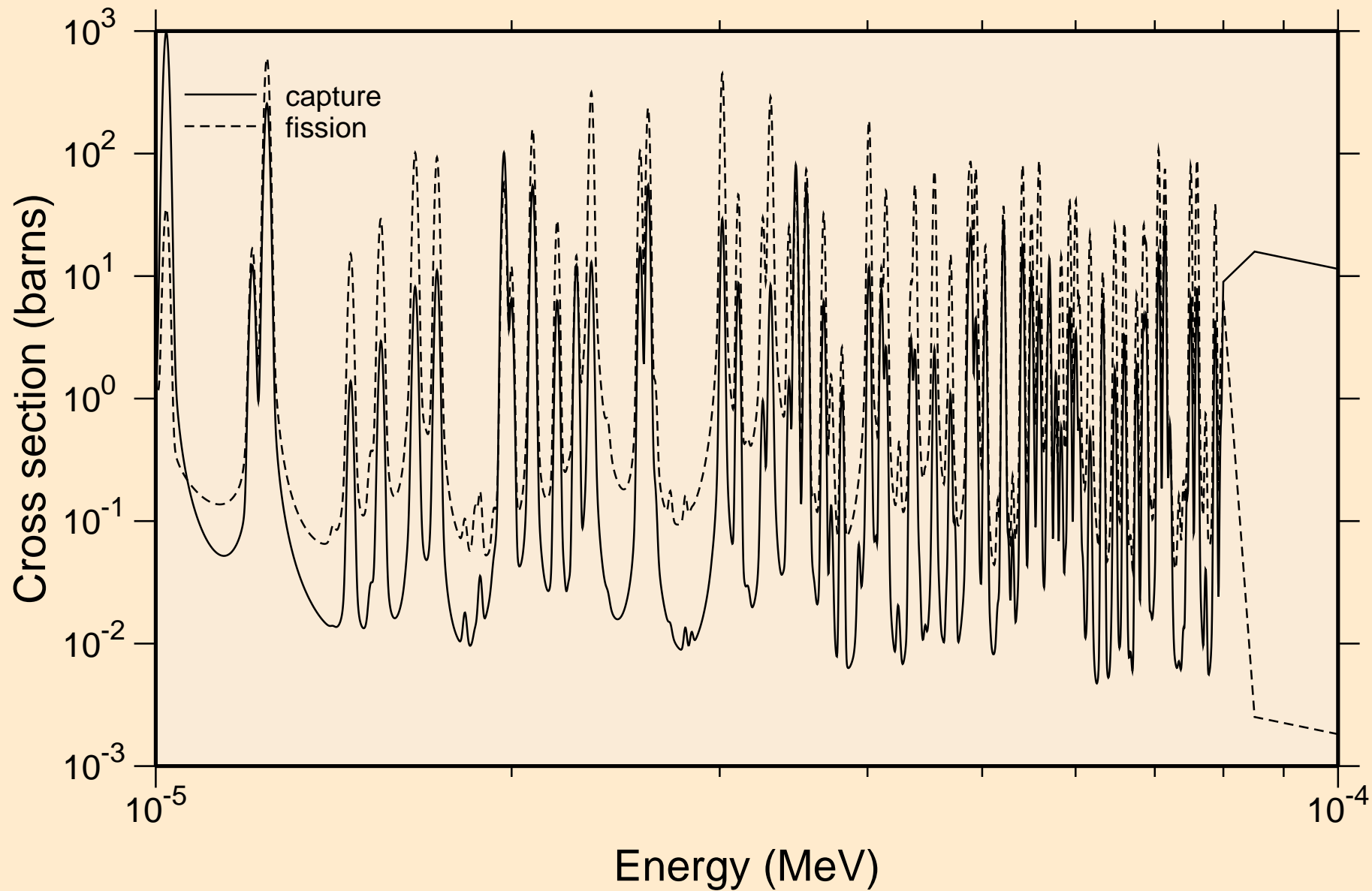
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

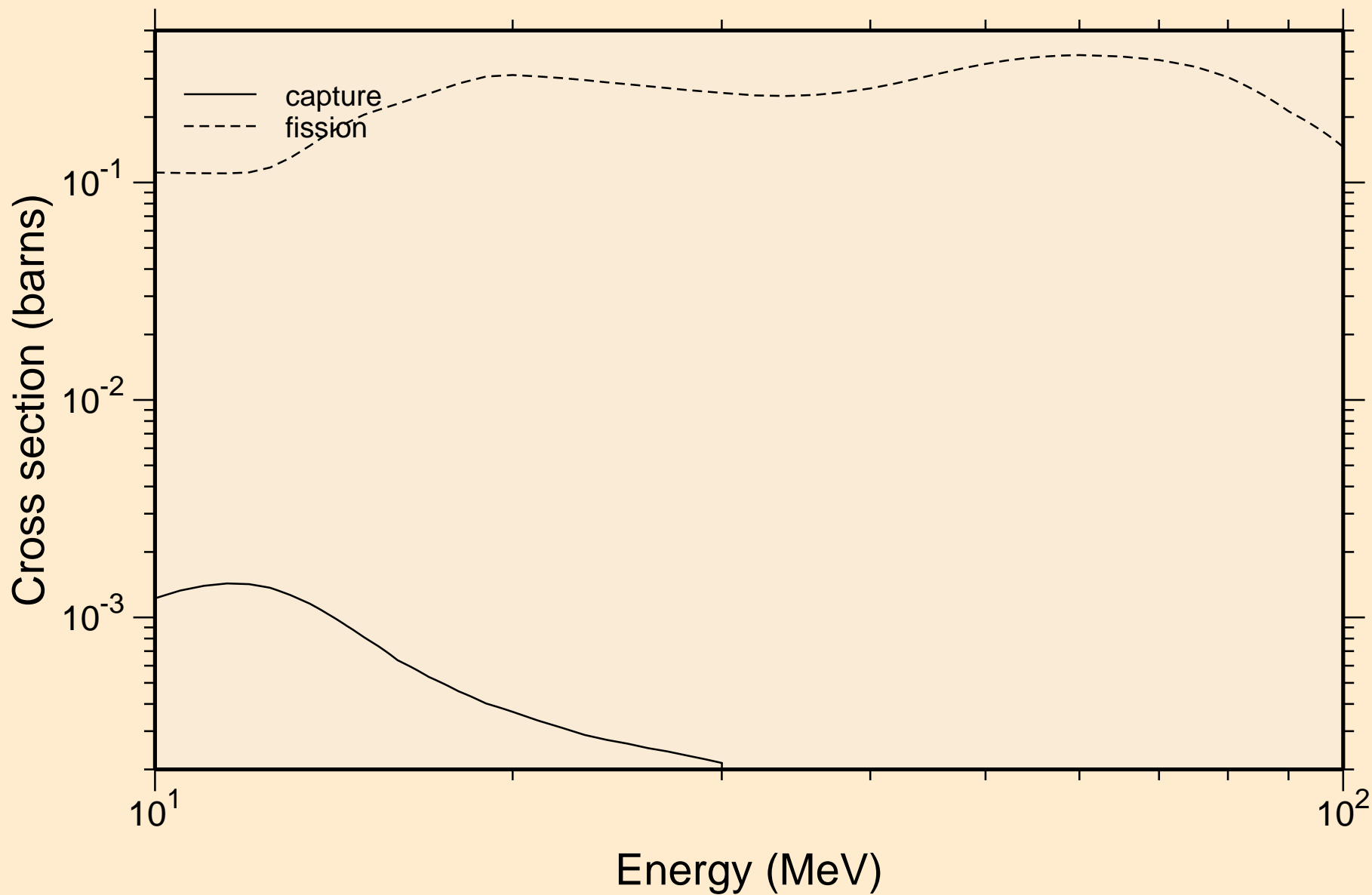


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resonance absorption cross sections

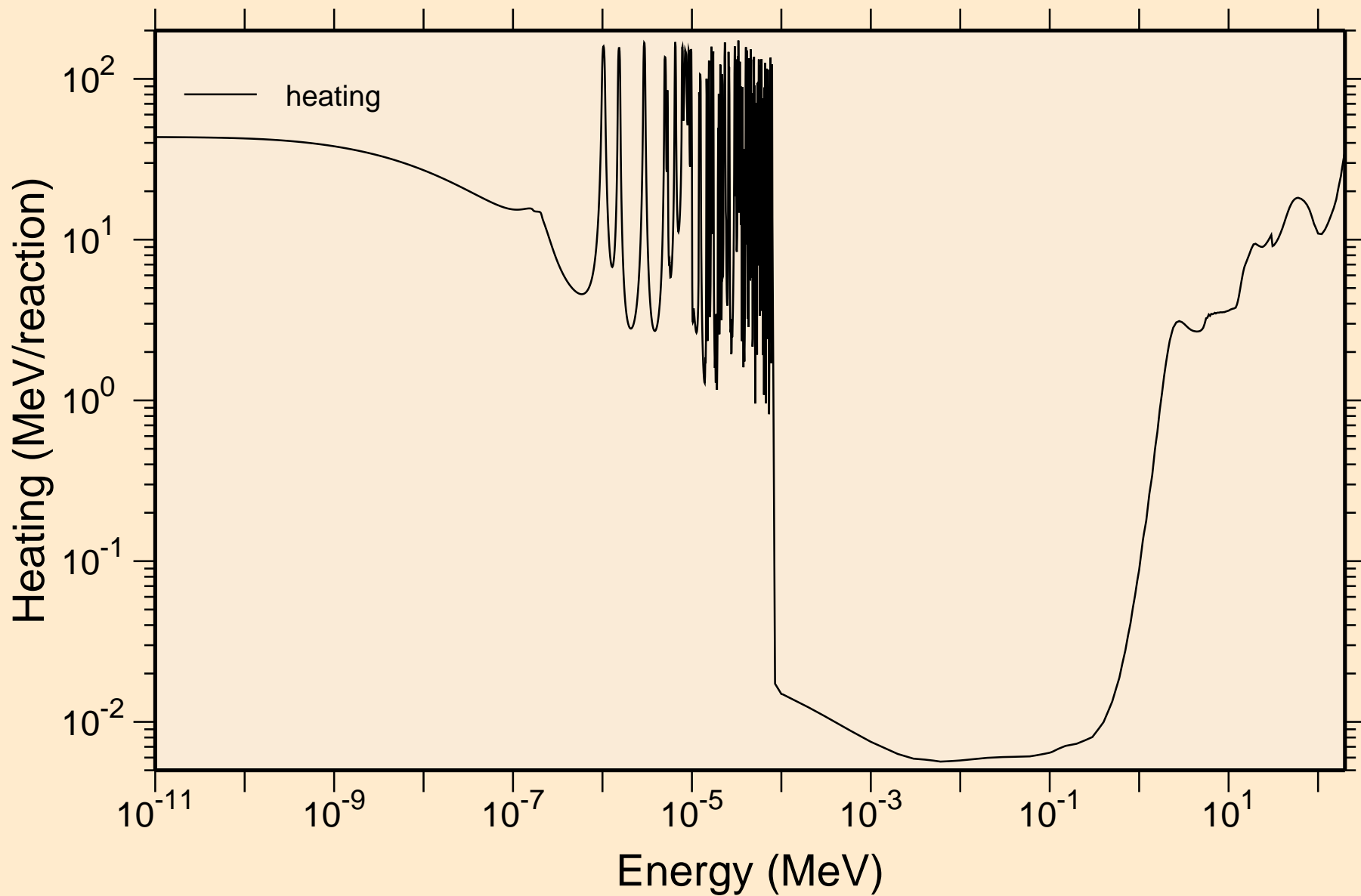




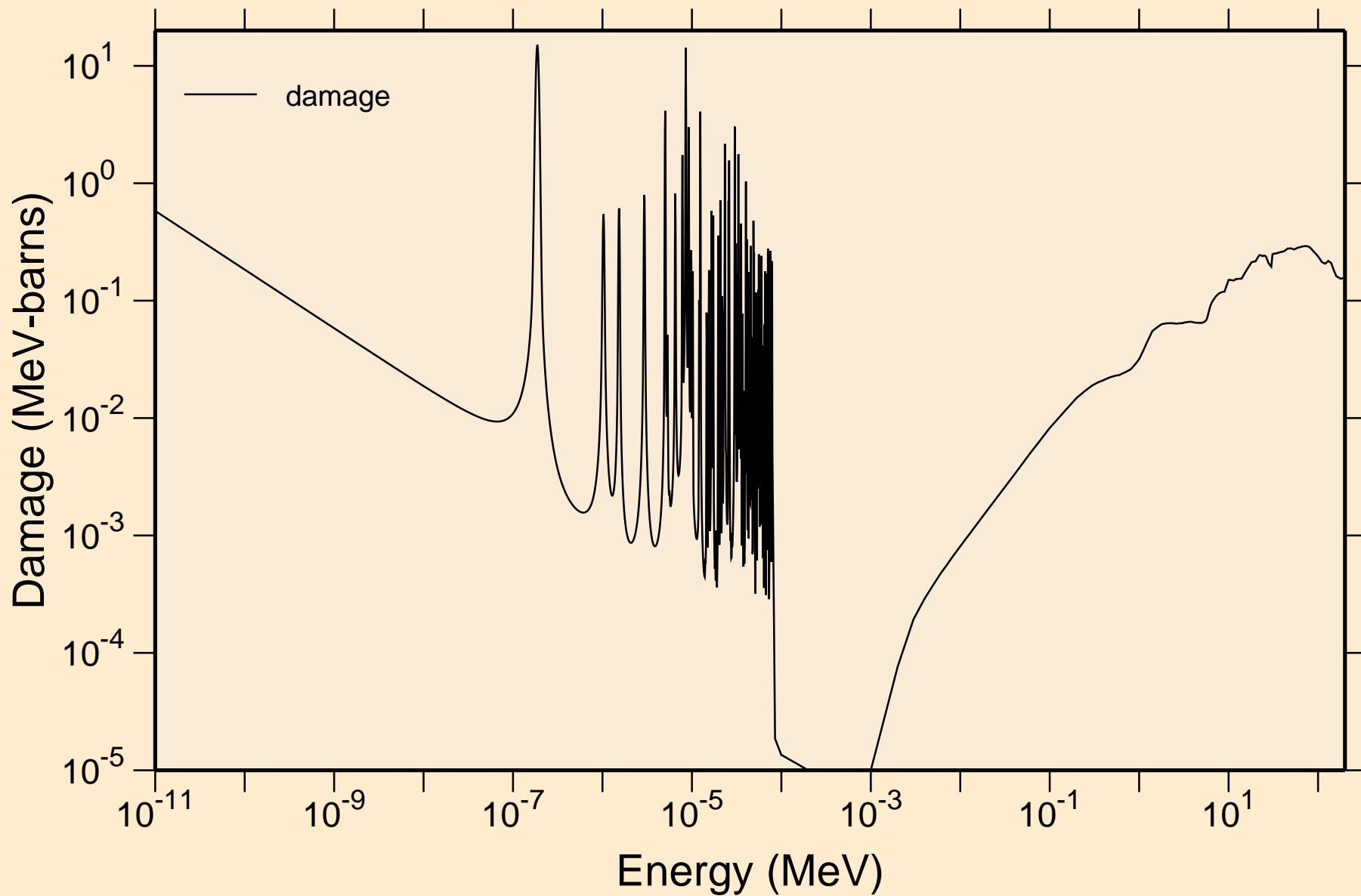
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resonance absorption cross sections



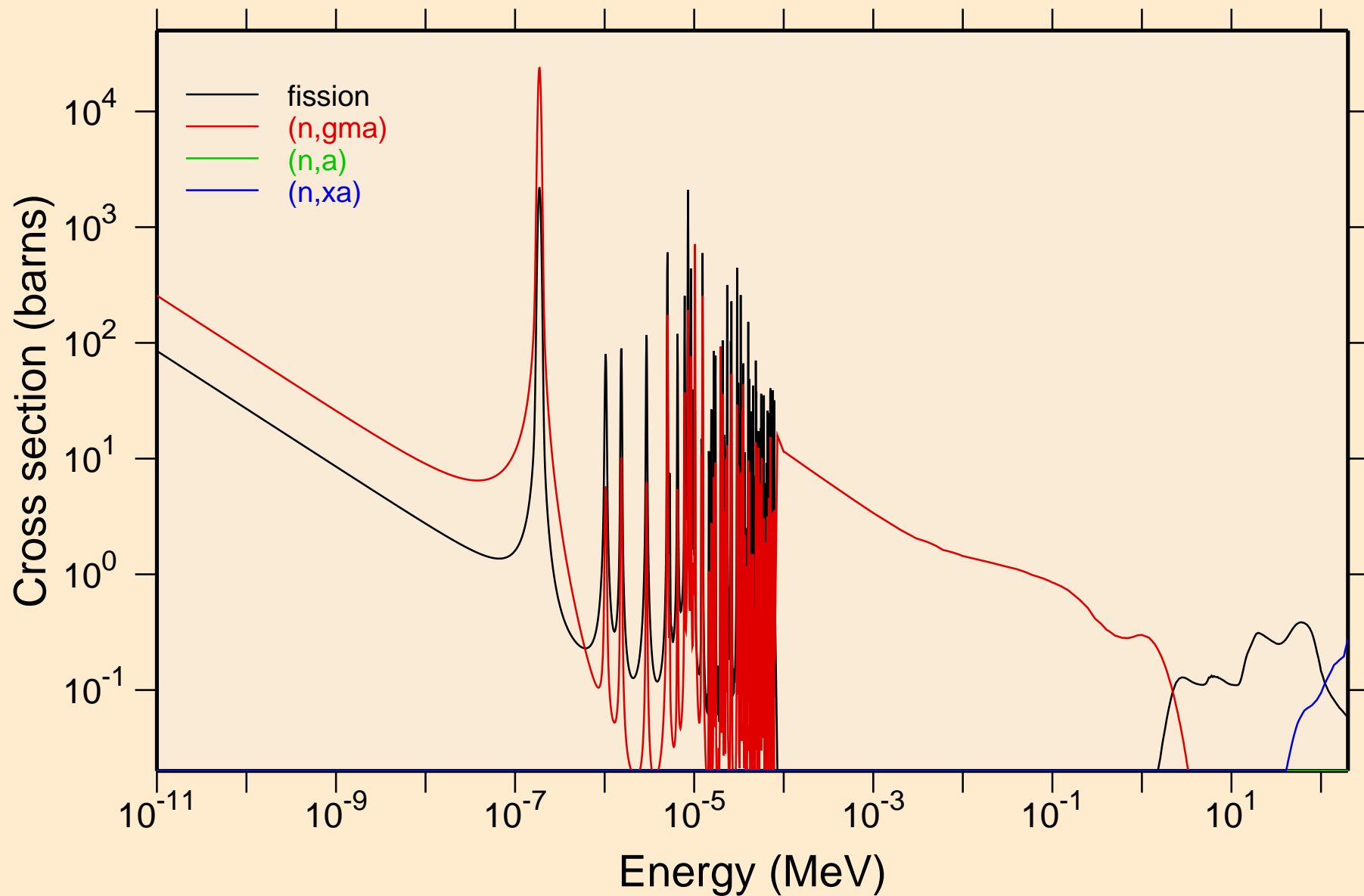
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

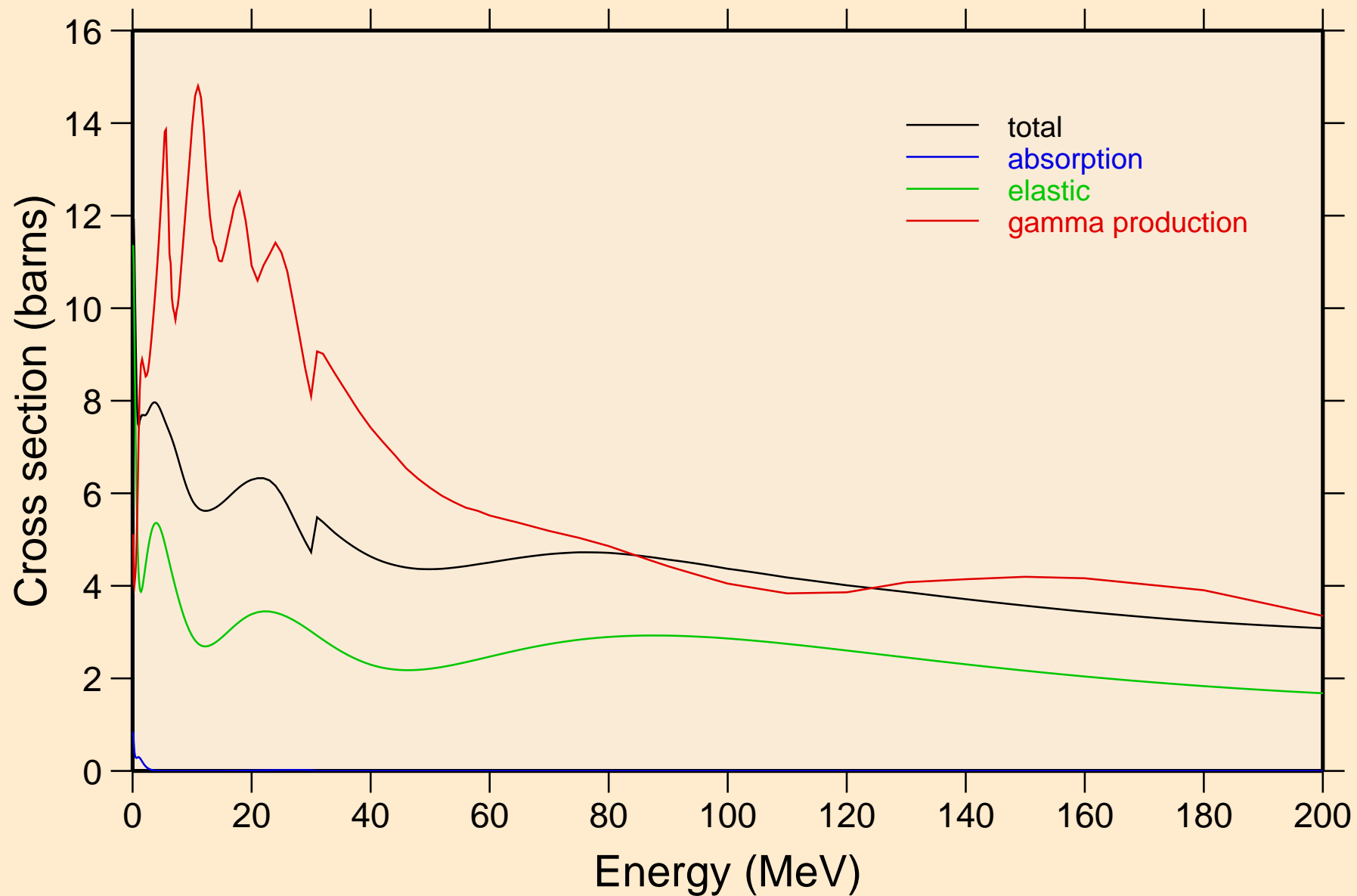


NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

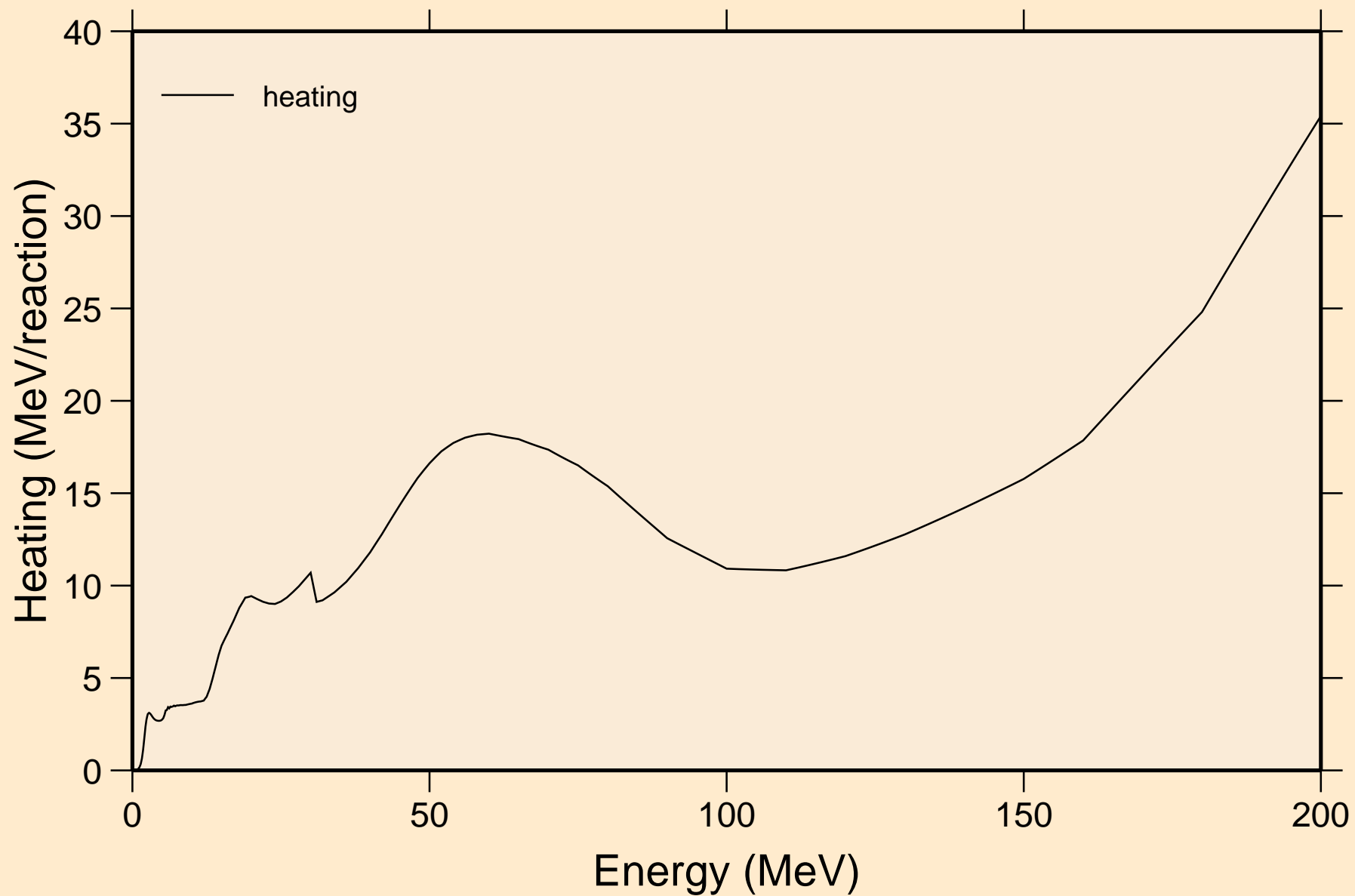


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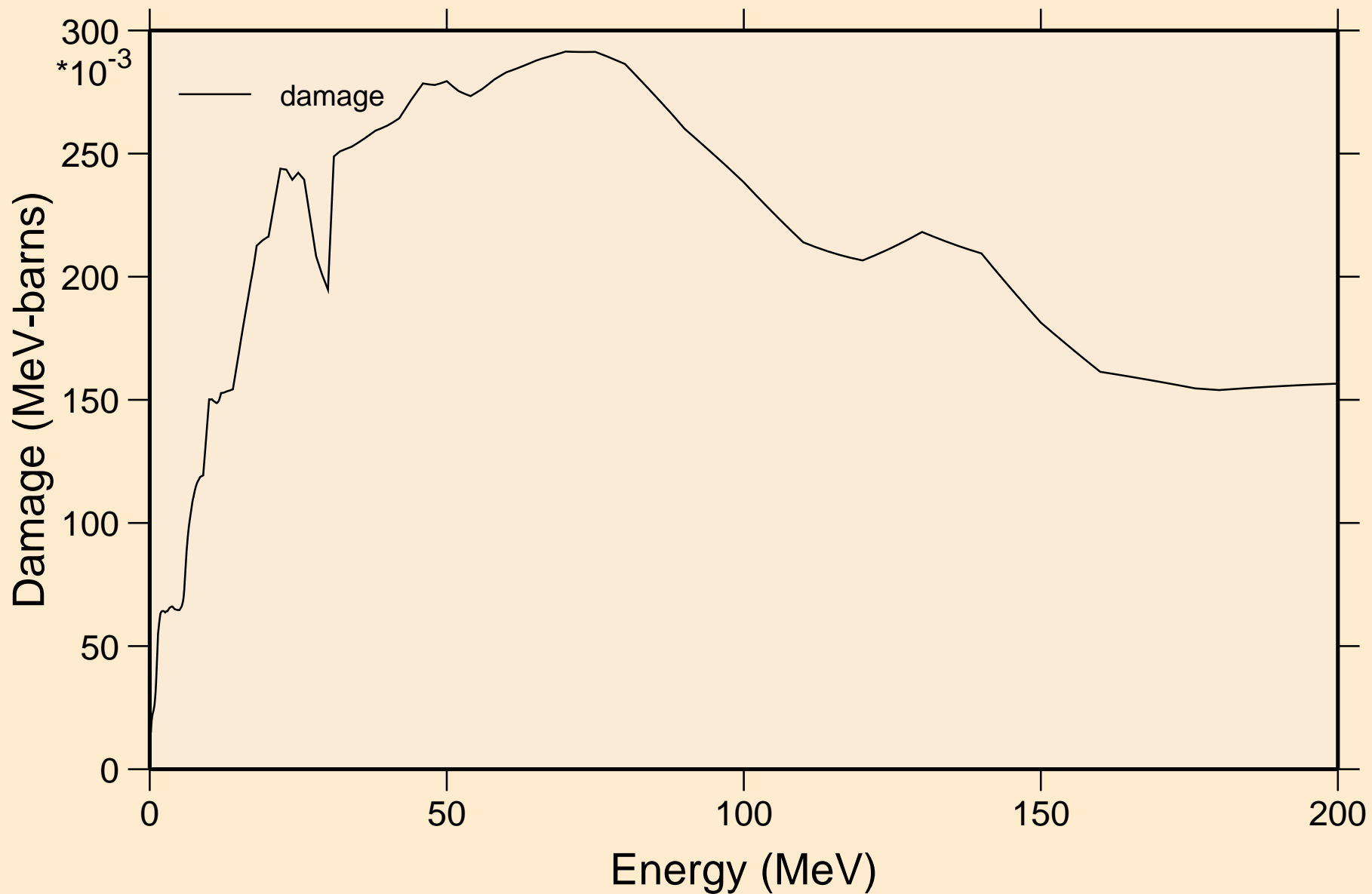
## Principal cross sections



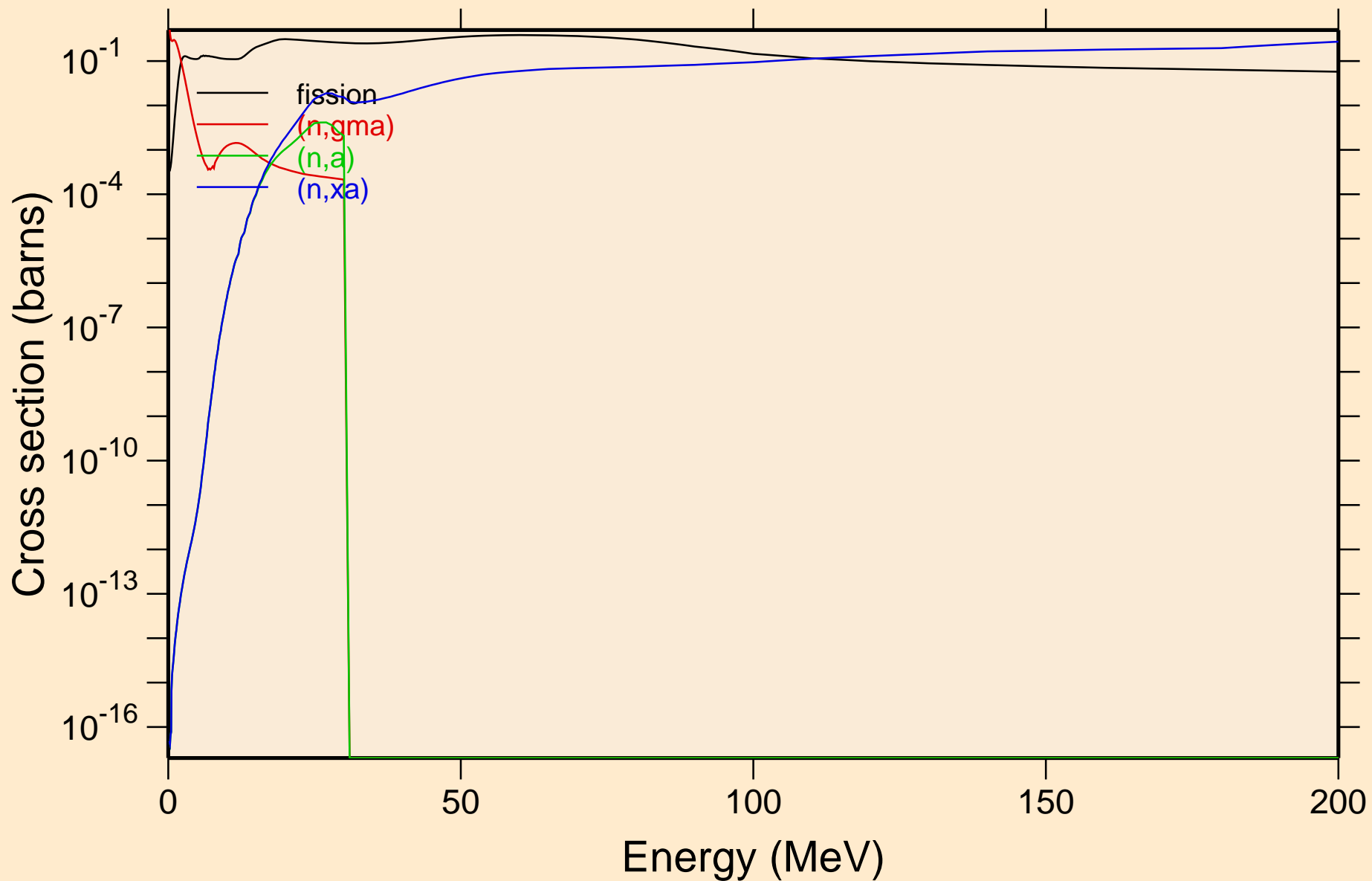
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

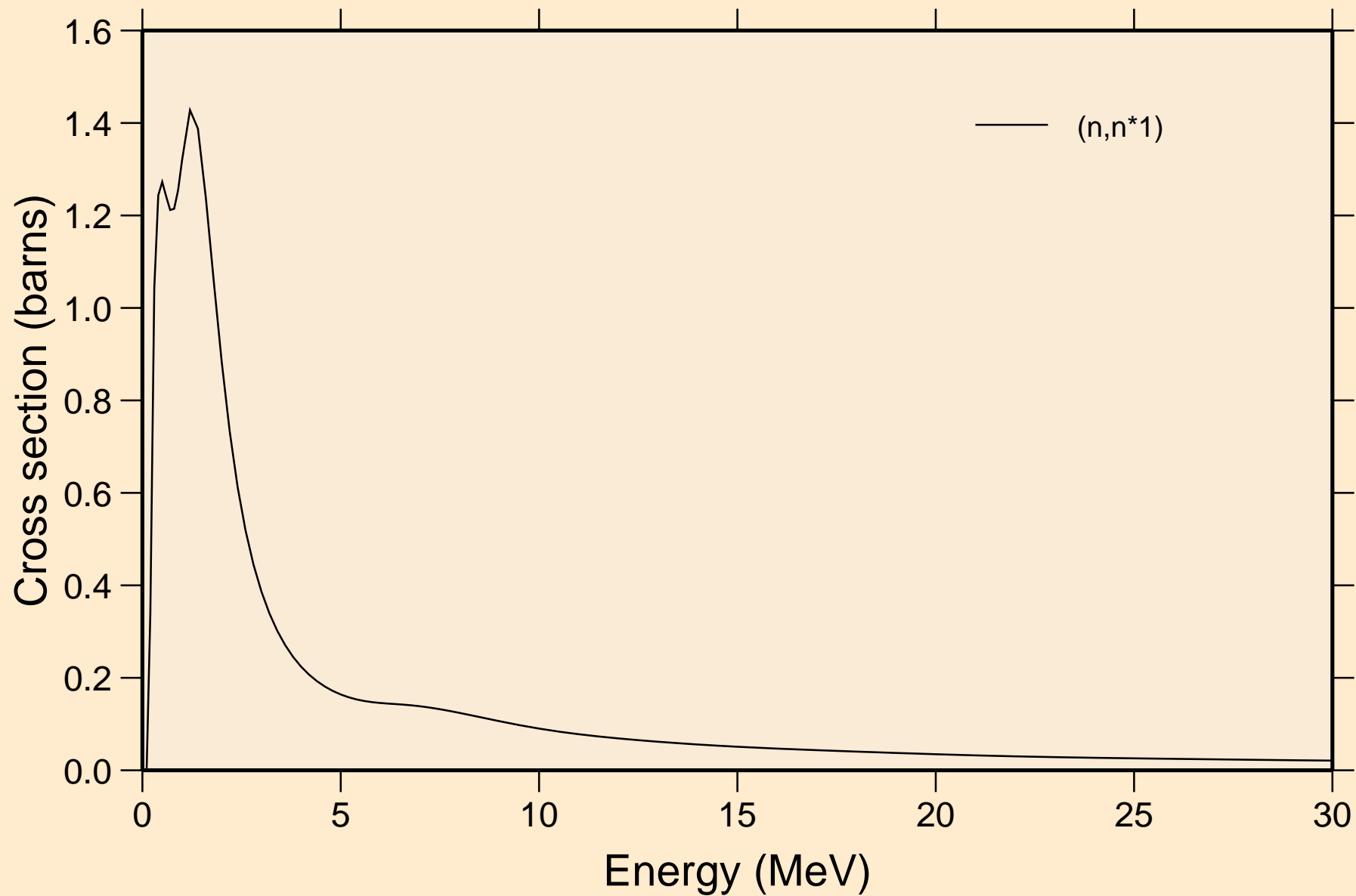


NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



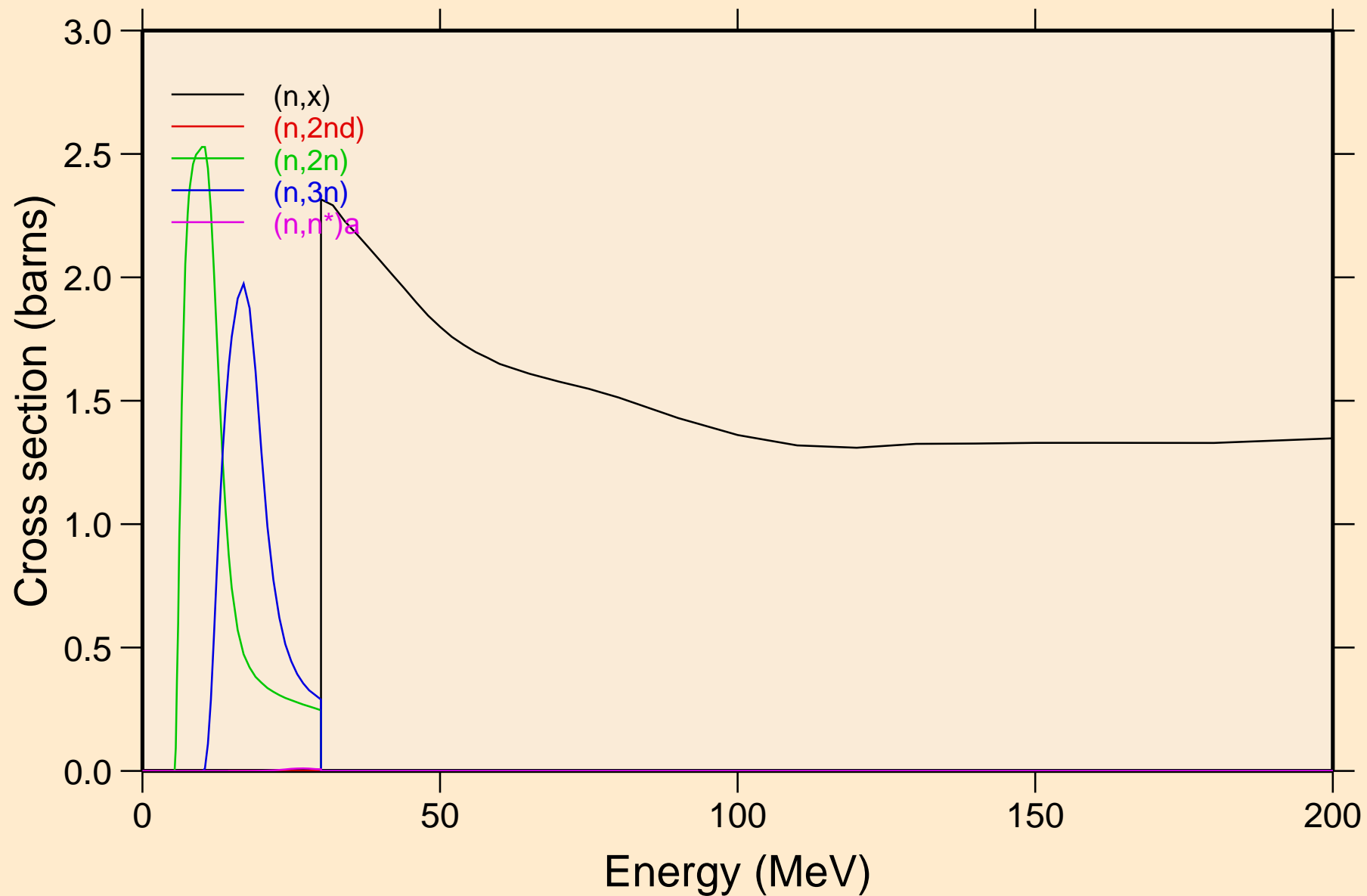


NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

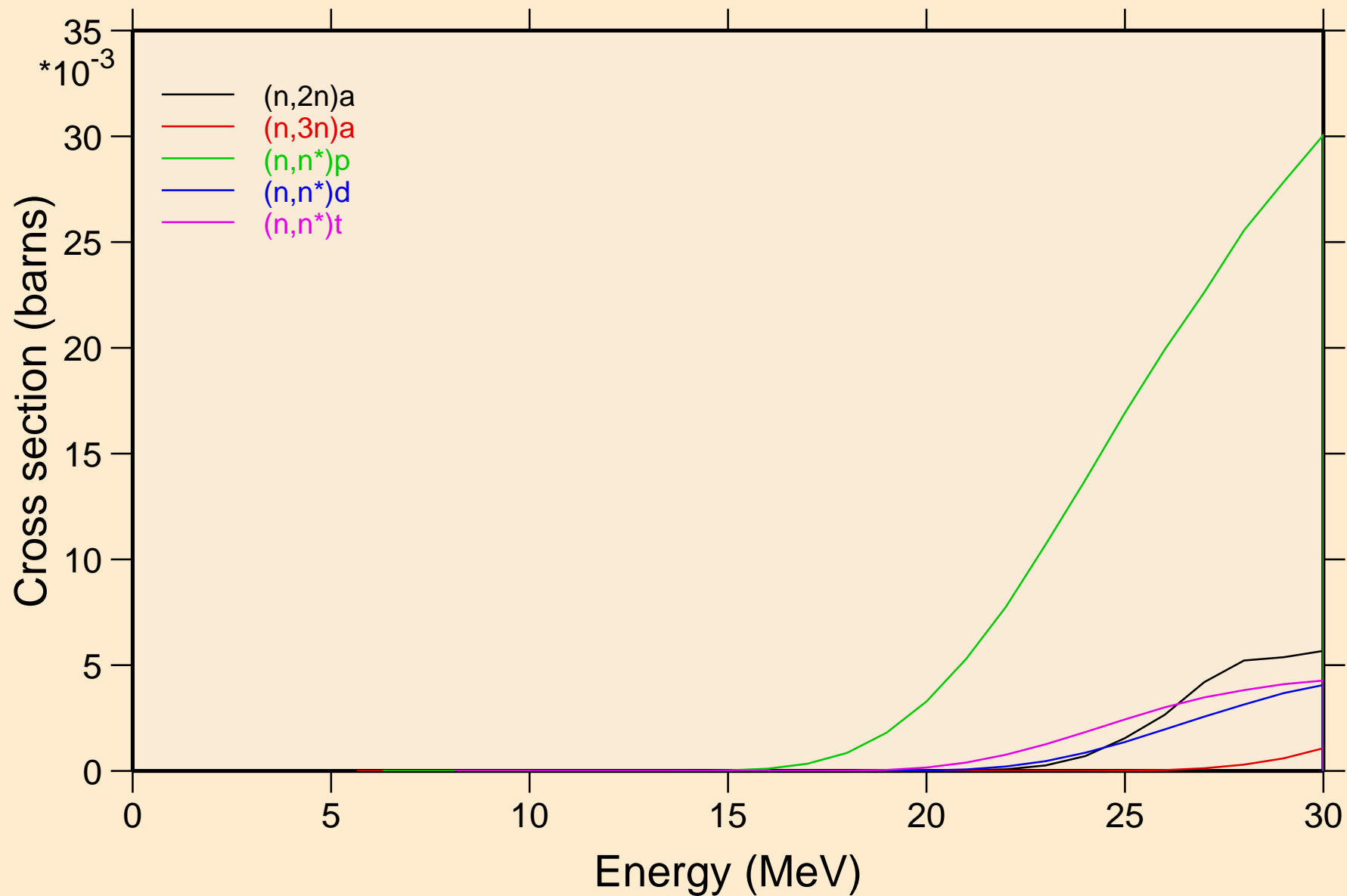


# NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

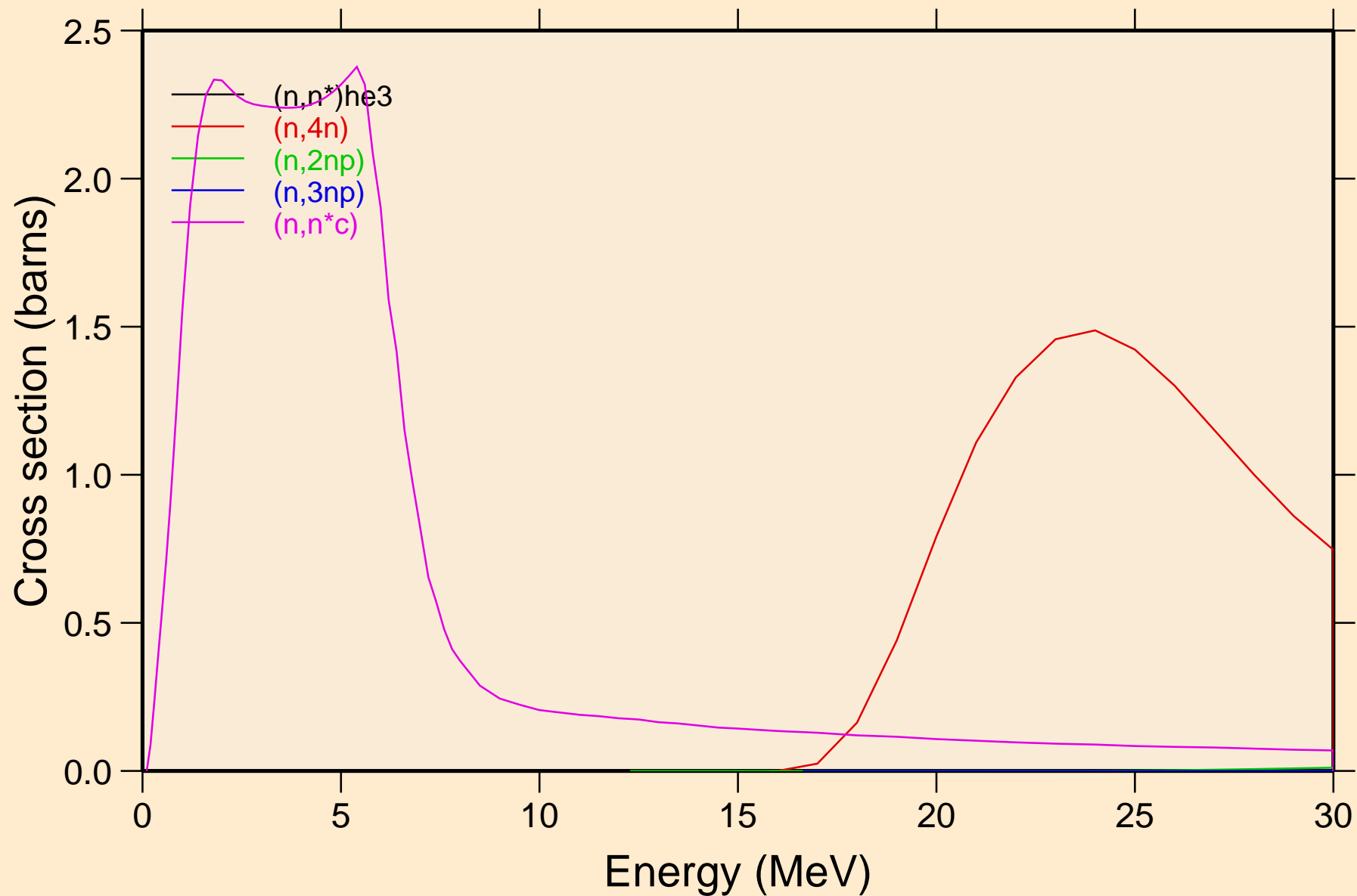
## Threshold reactions



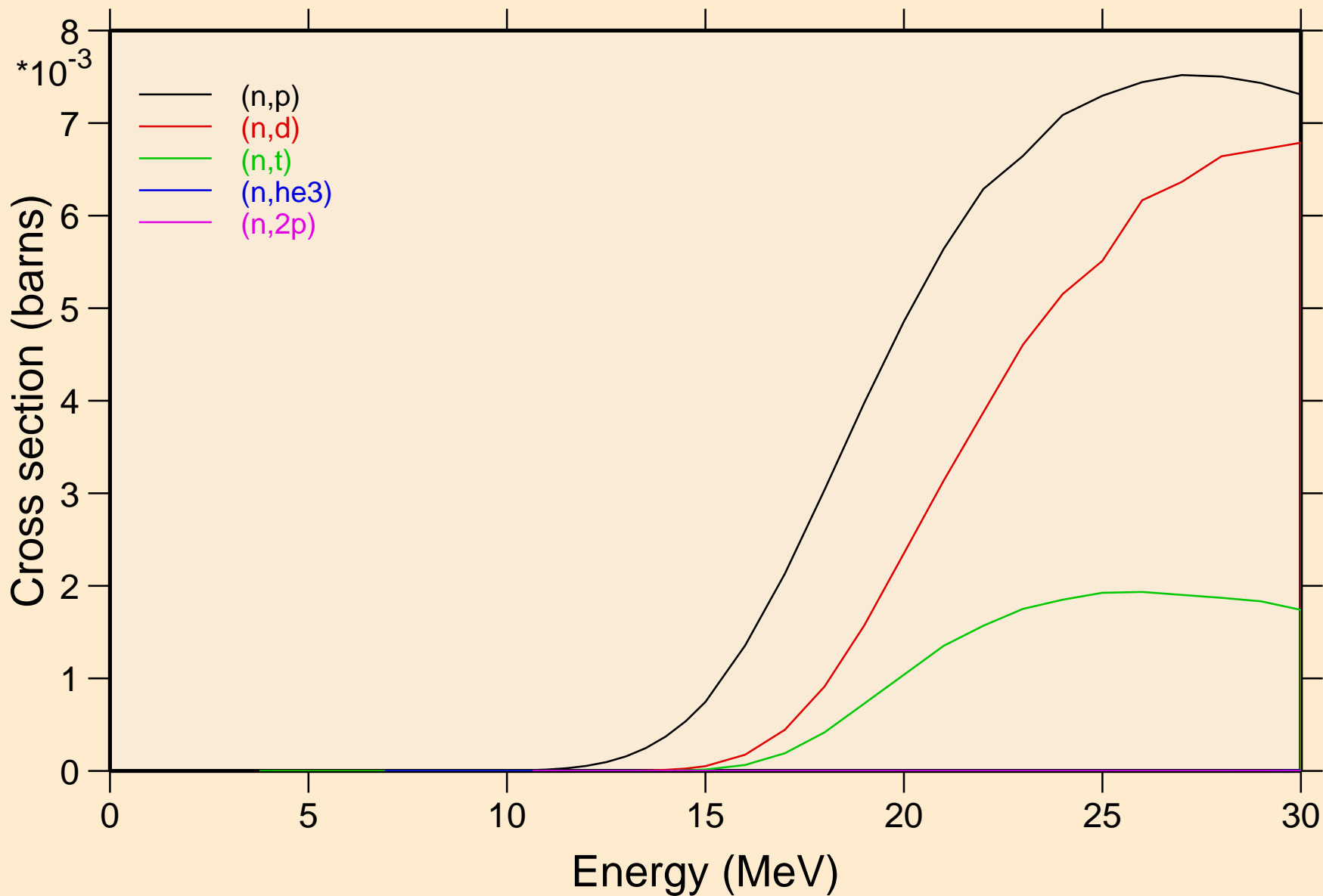
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



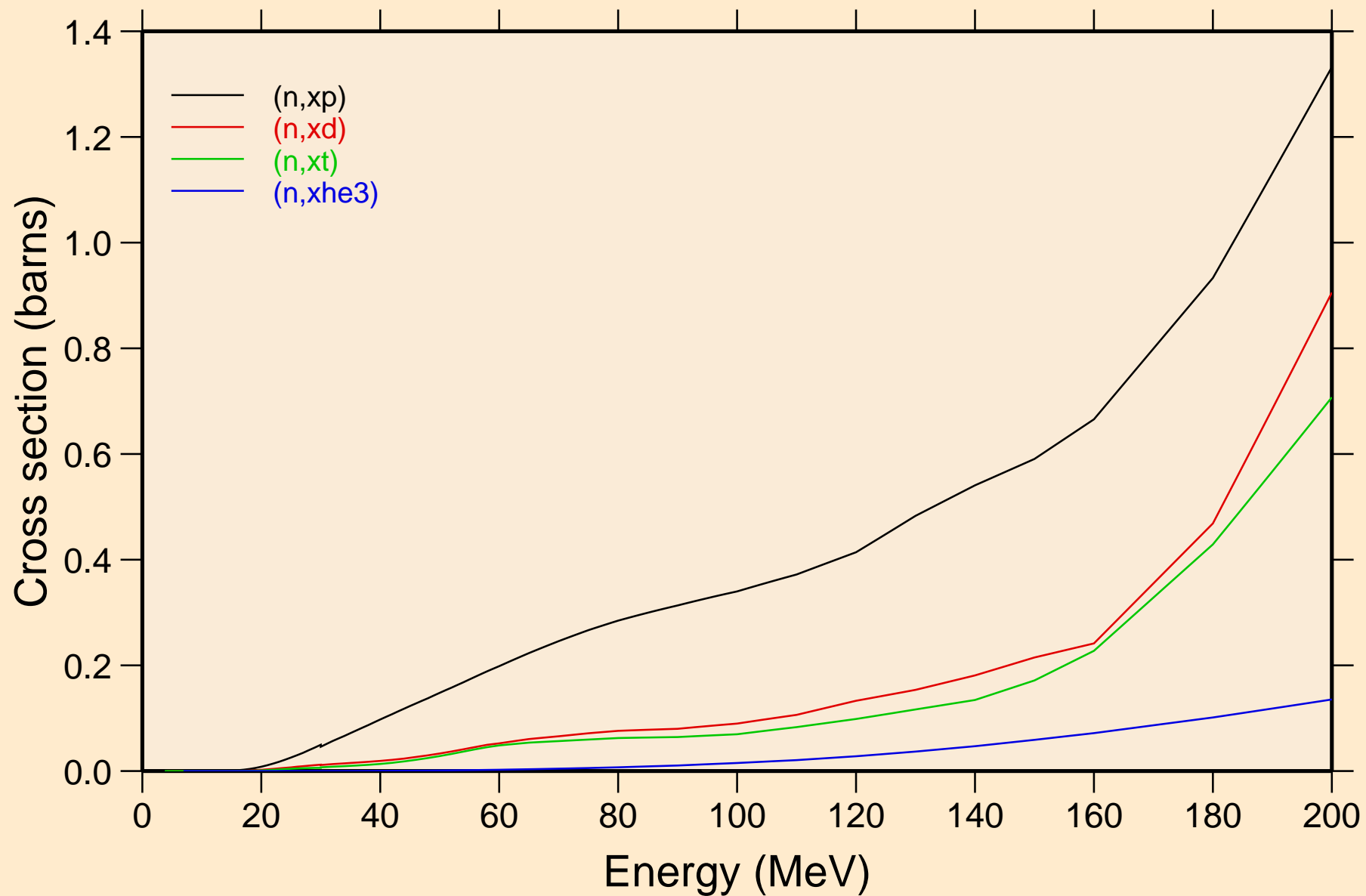
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Threshold reactions



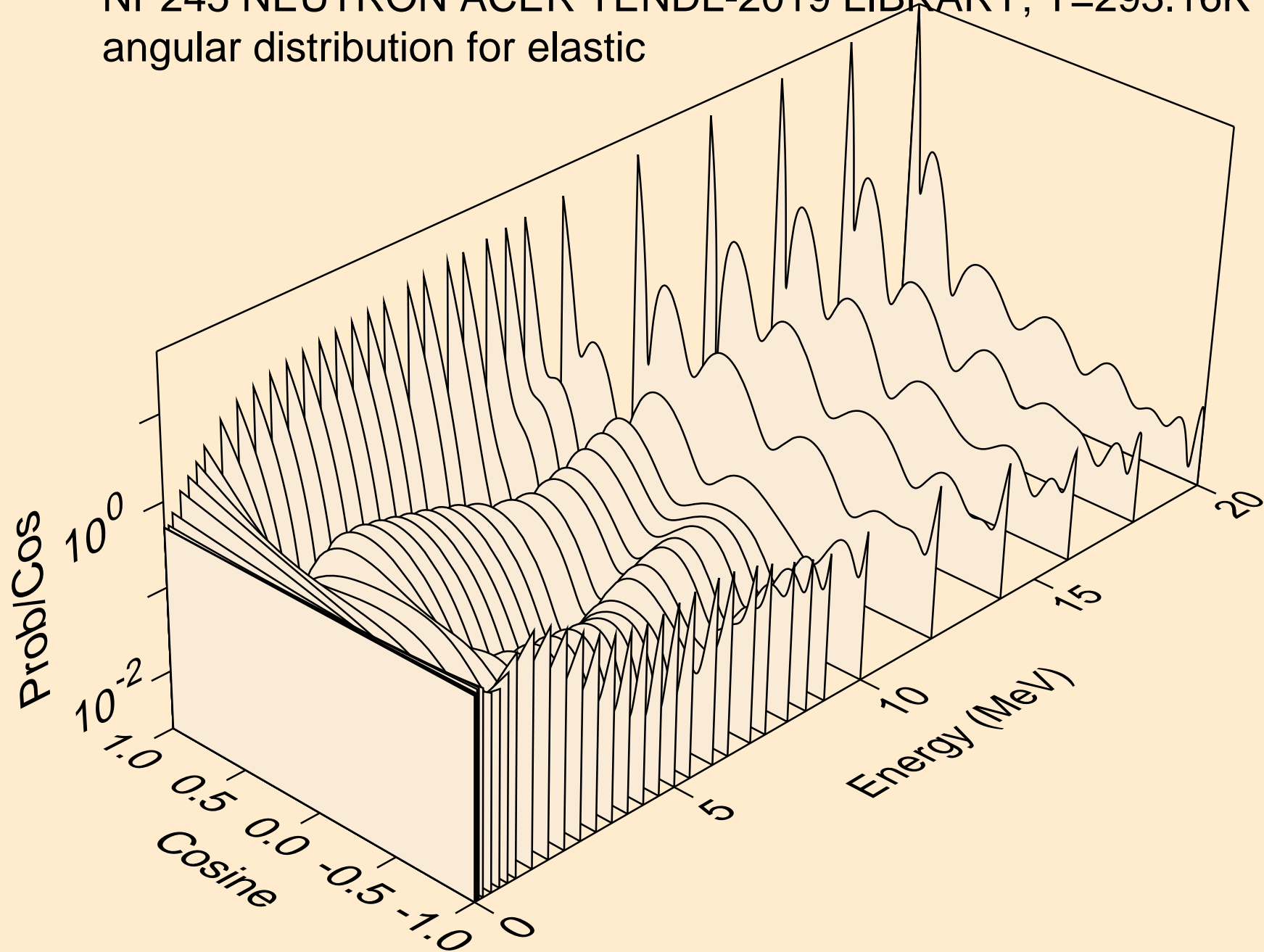
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Threshold reactions



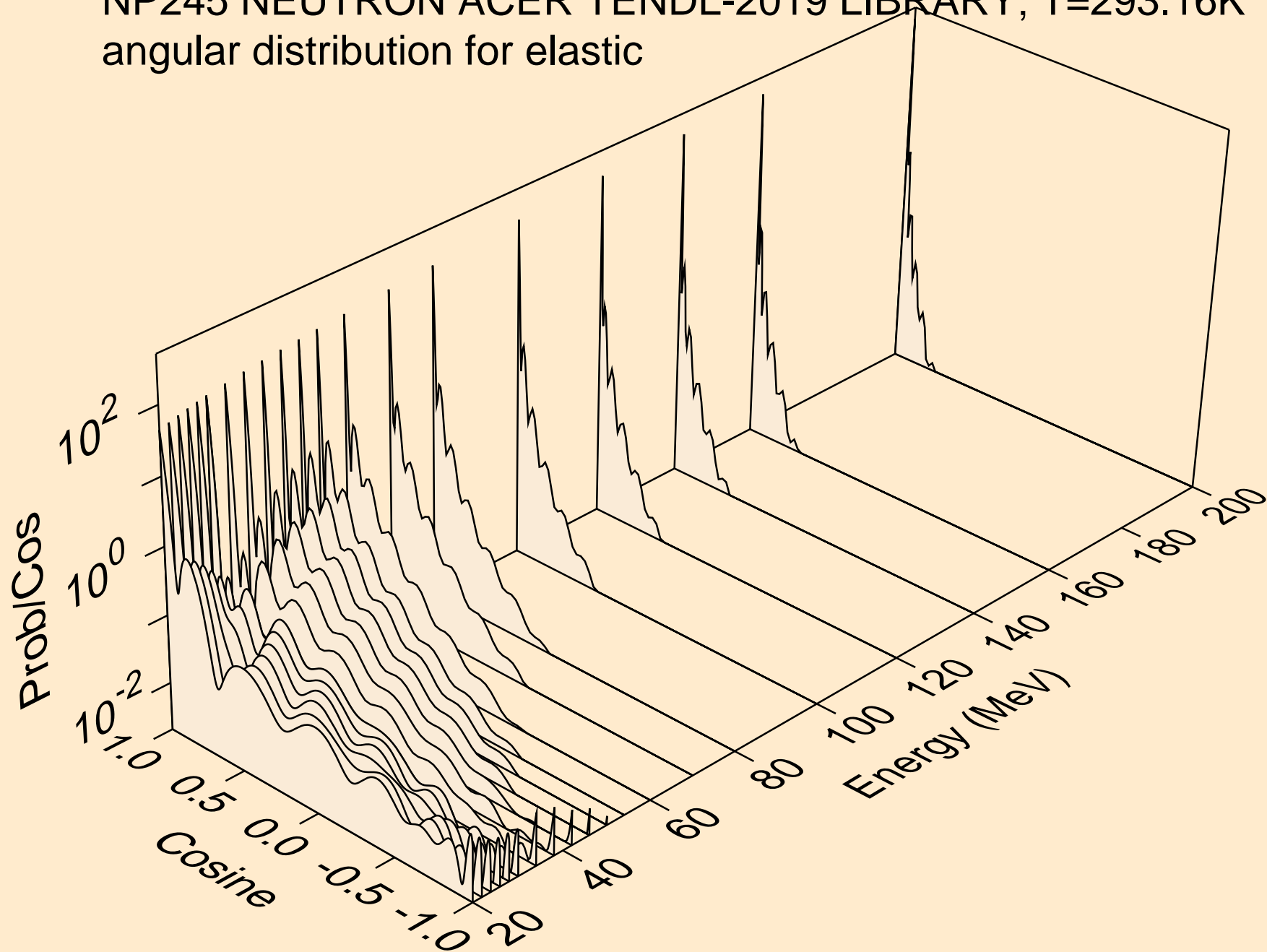
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

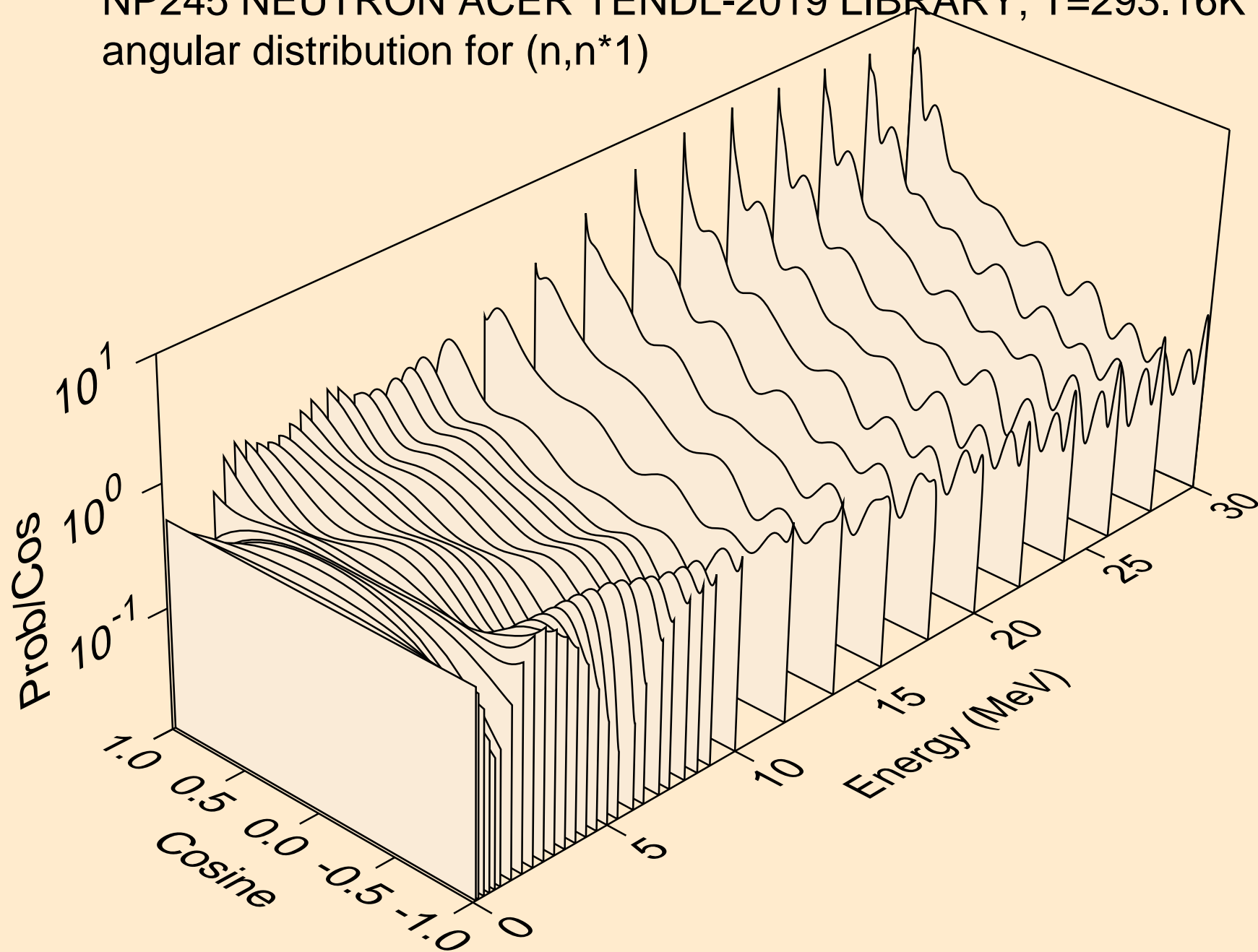


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angular distribution for elastic

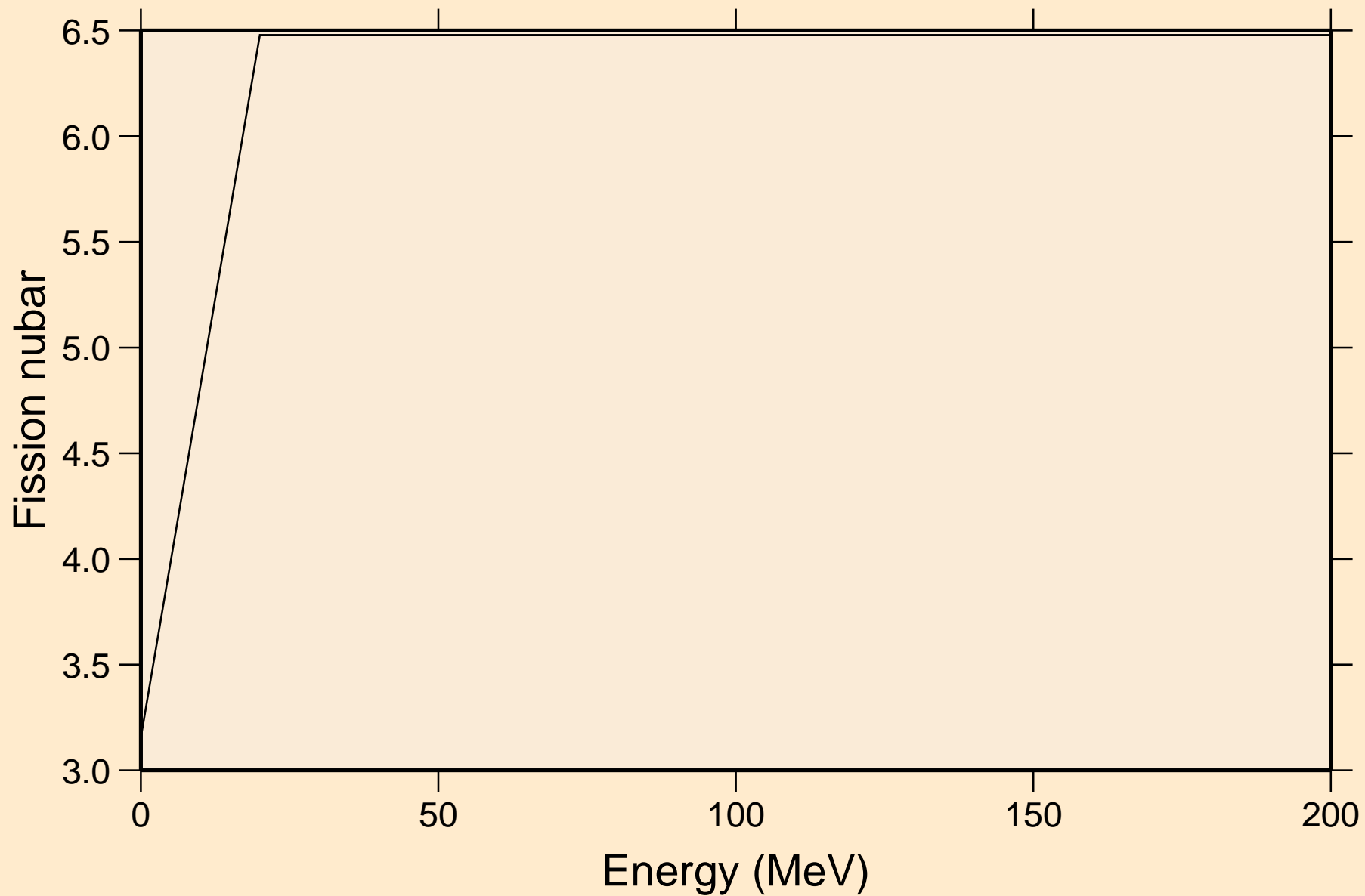




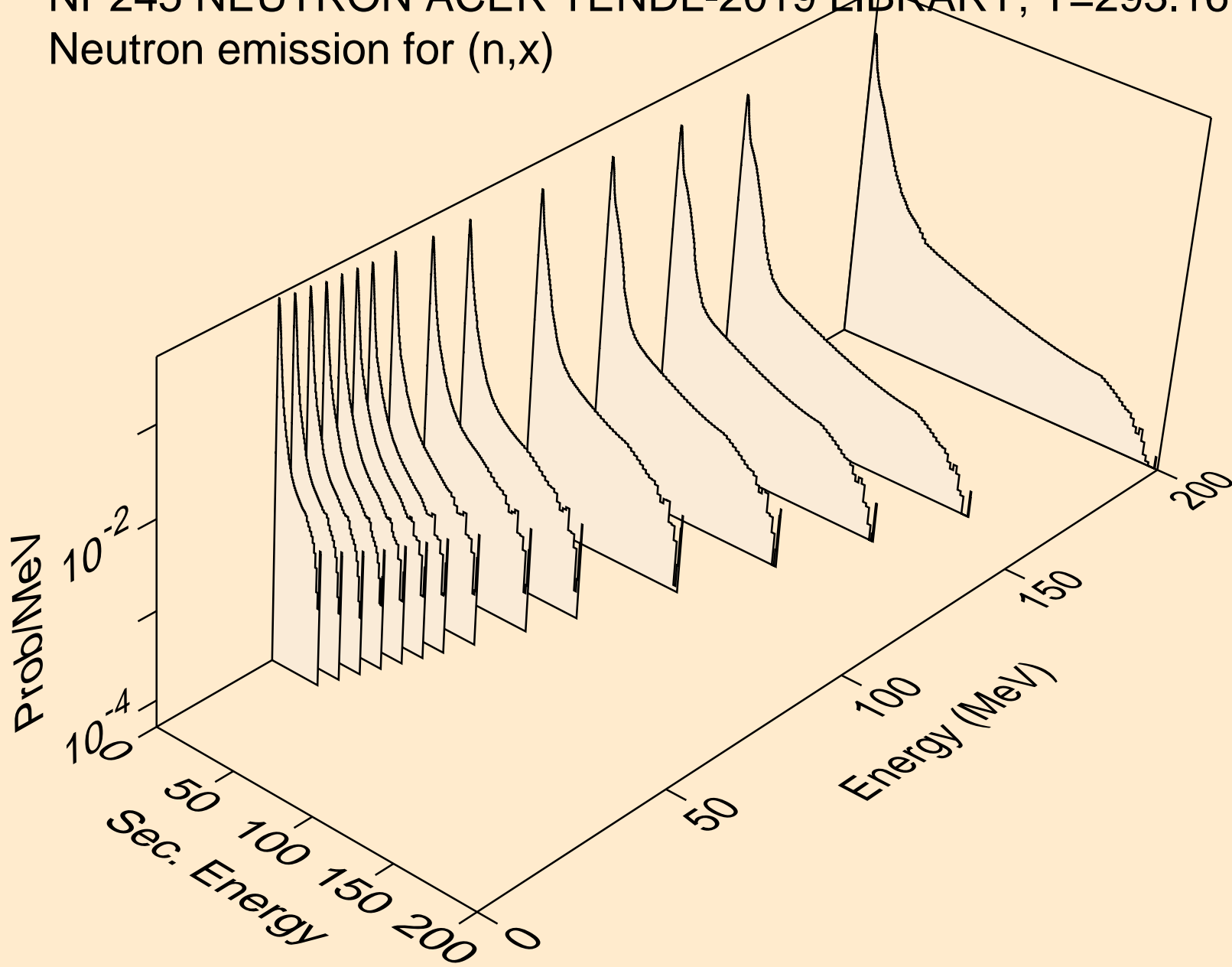
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angular distribution for (n,n\*1)



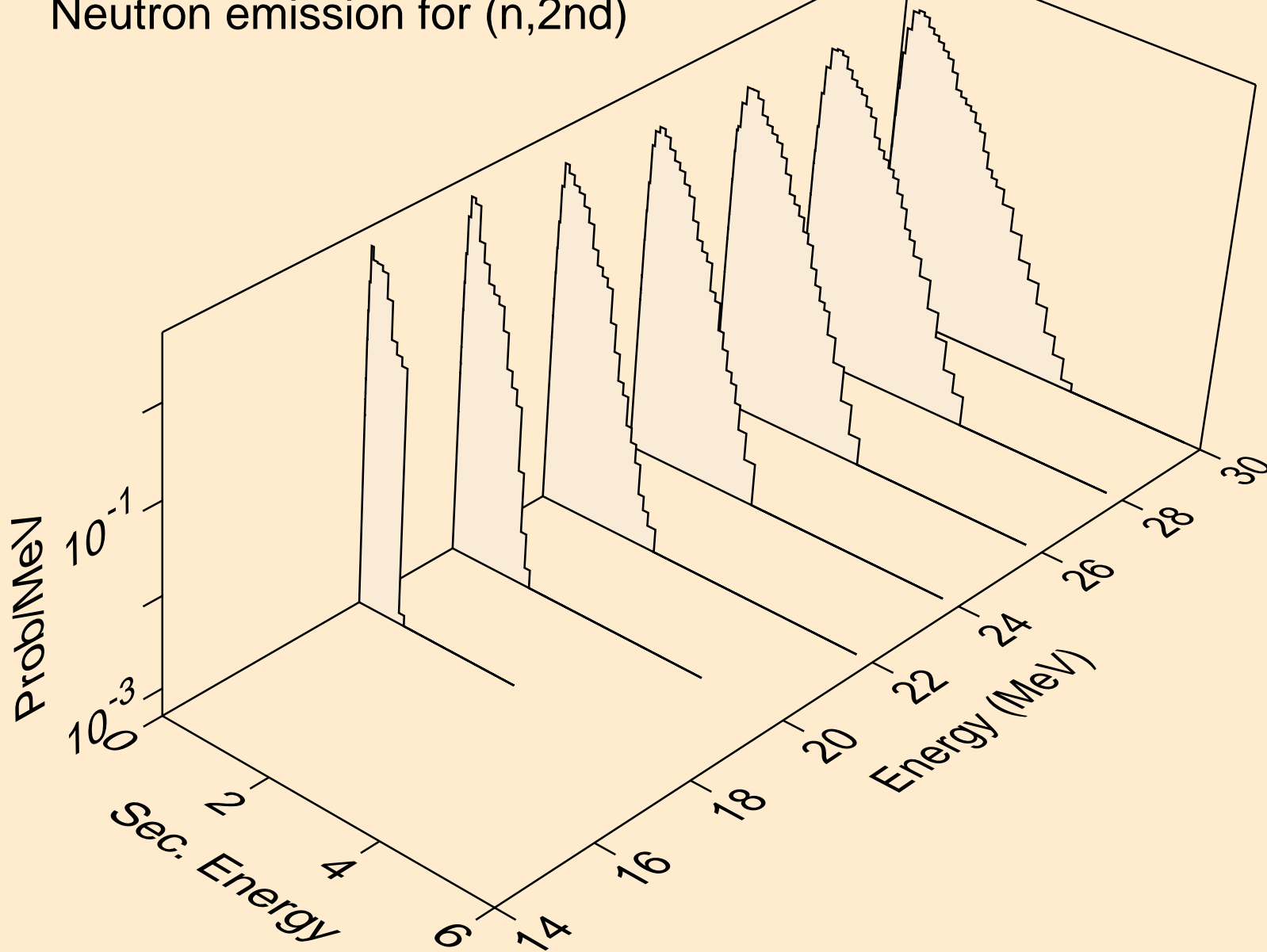
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Total fission nubar



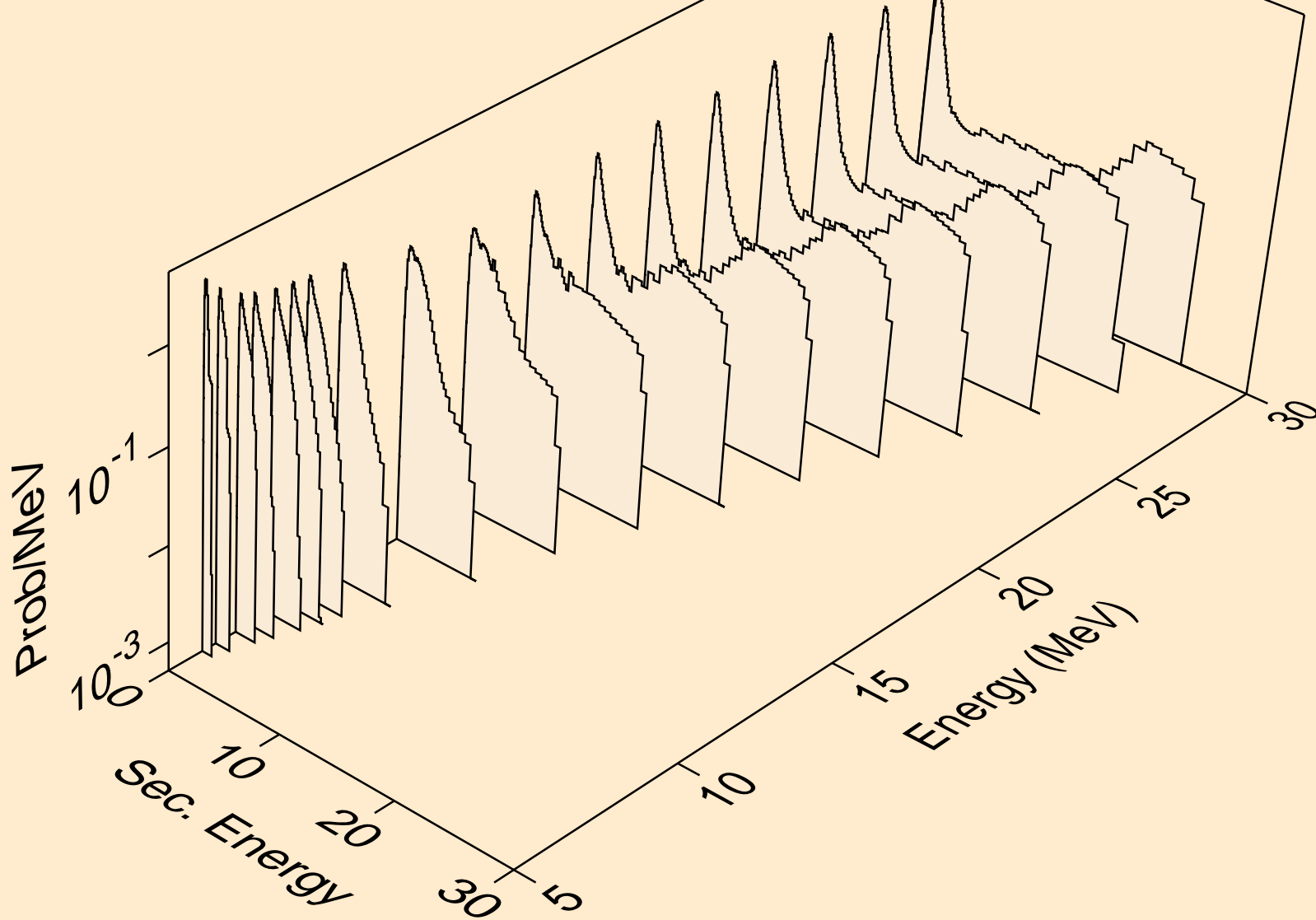
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



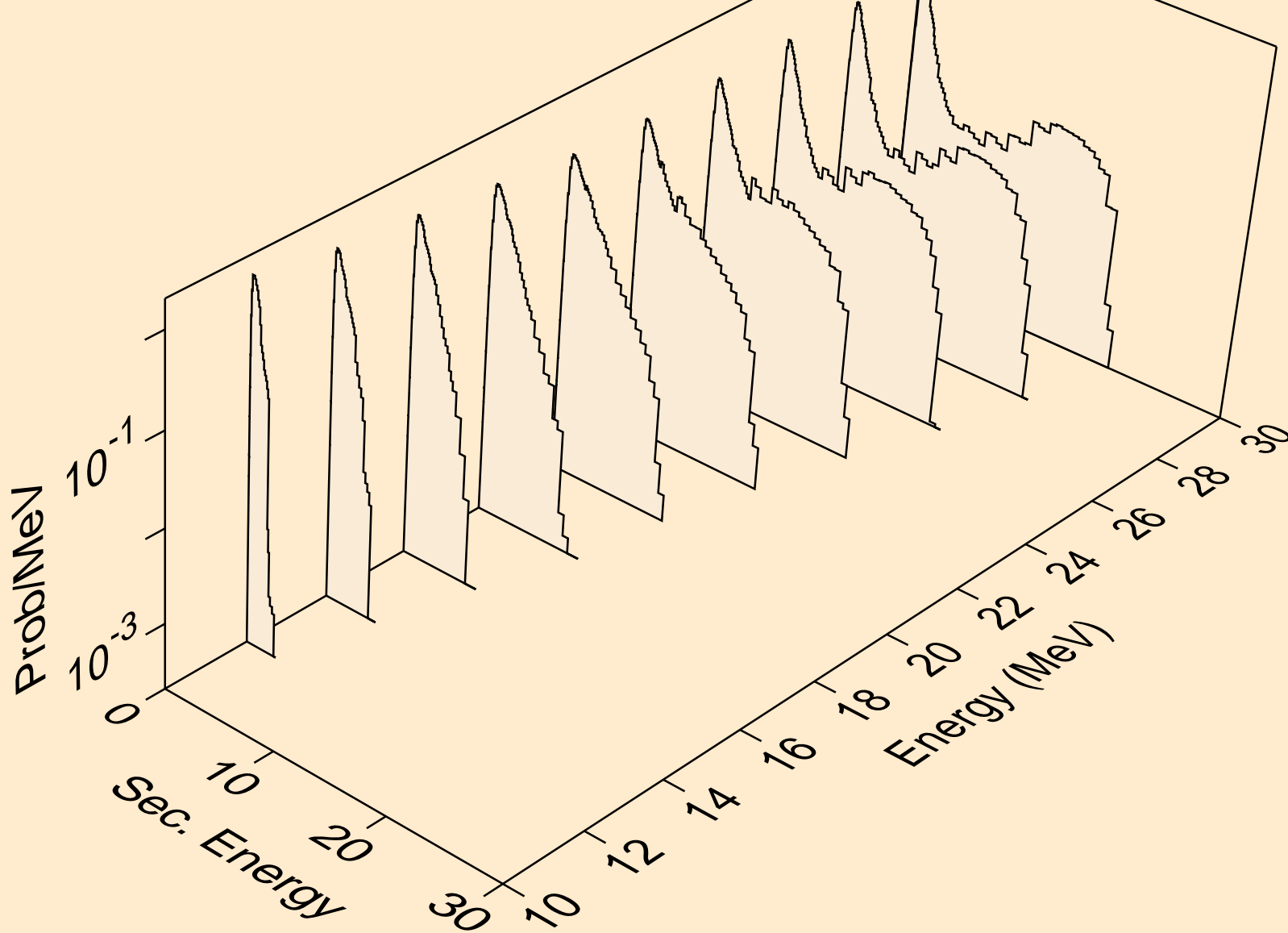
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Neutron emission for (n,2nd)



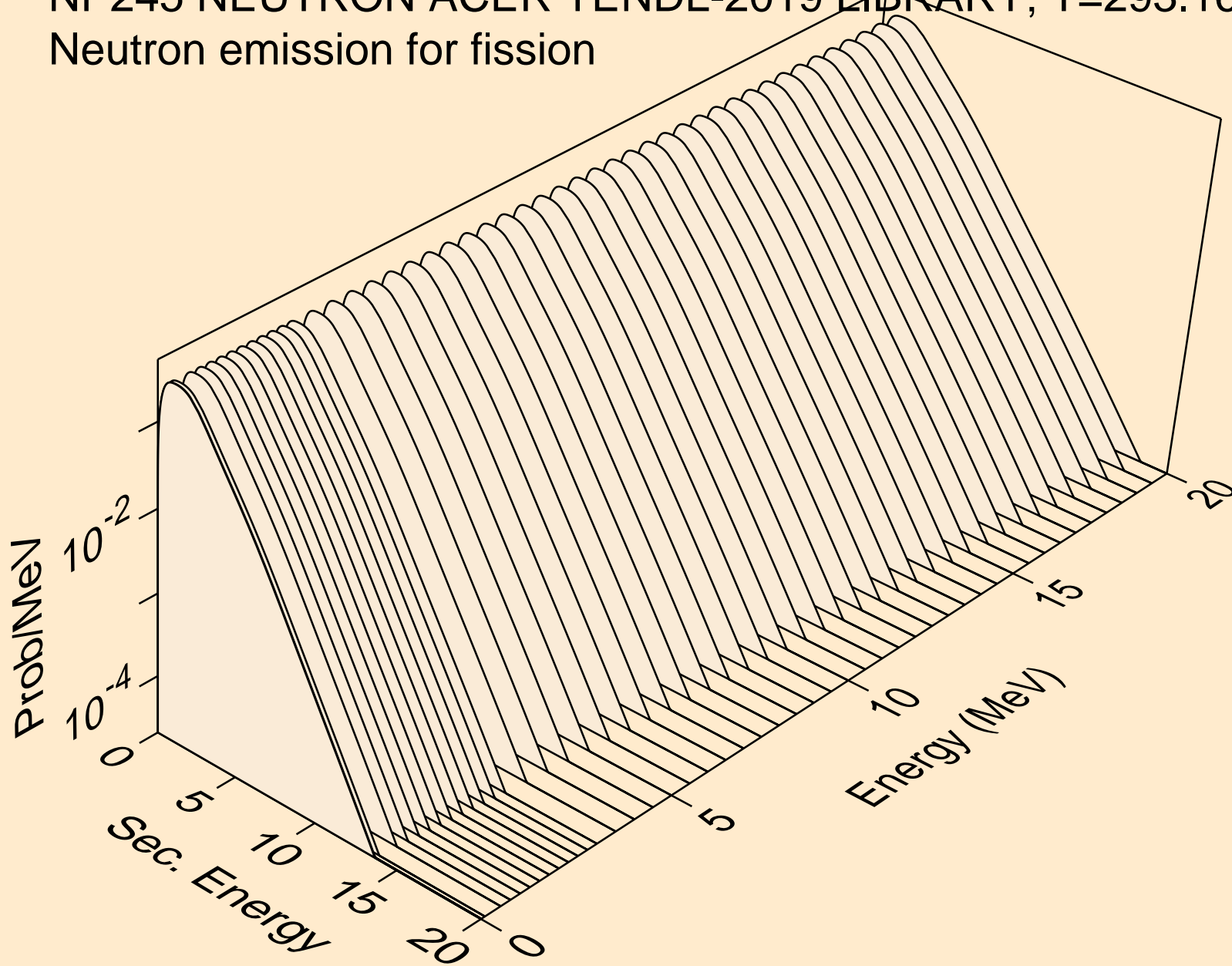
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Neutron emission for (n,2n)



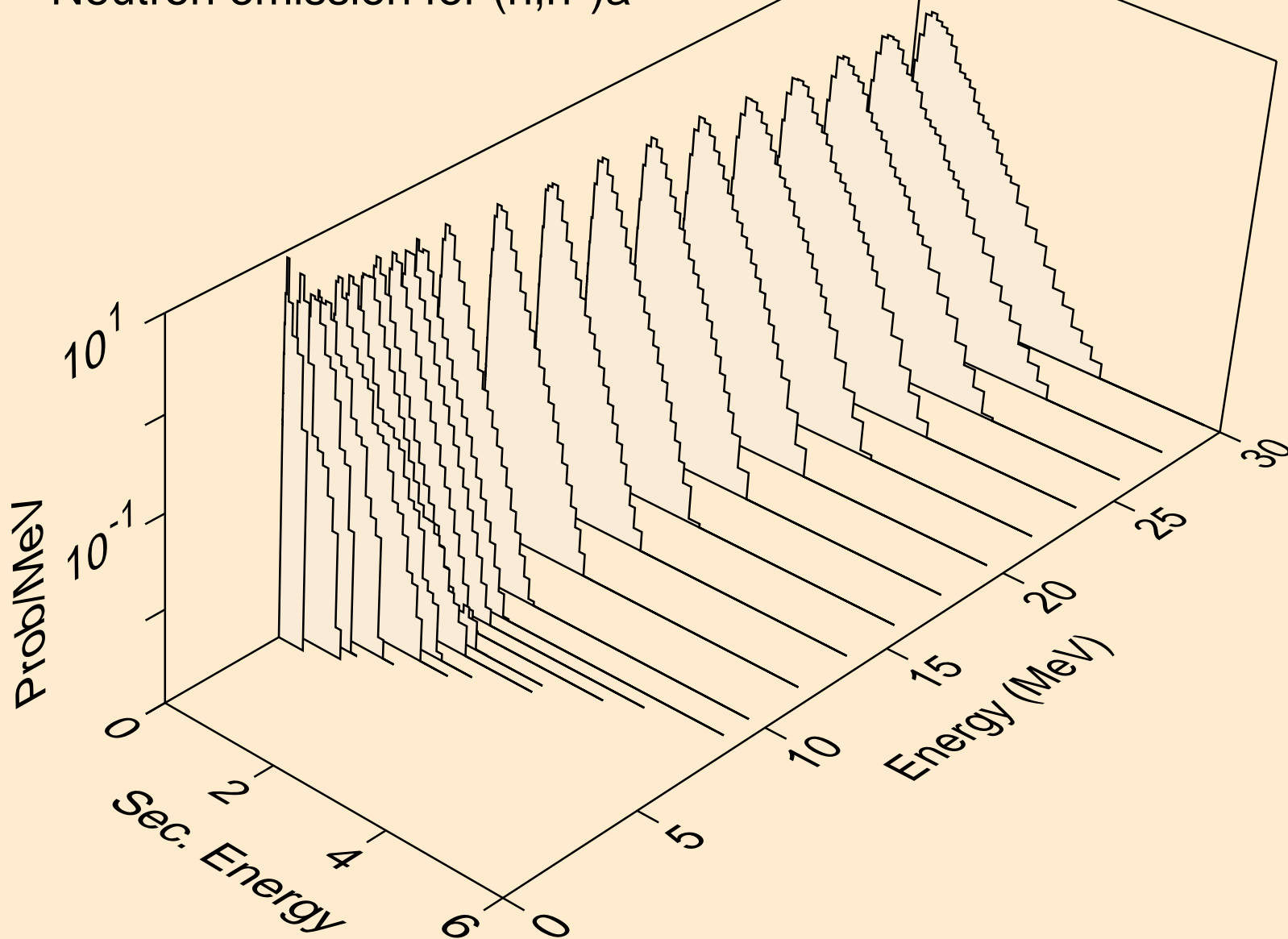
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for fission

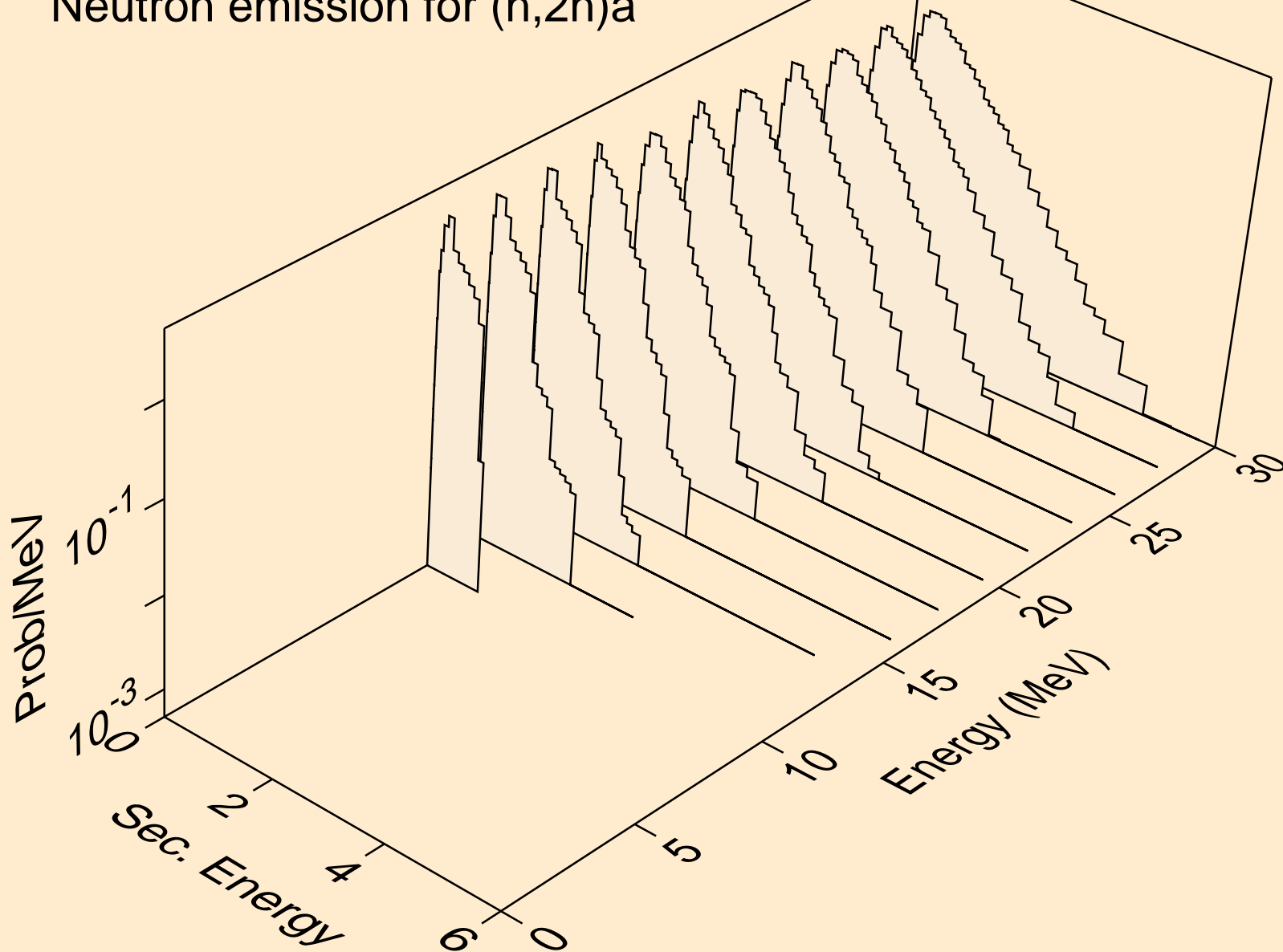


NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

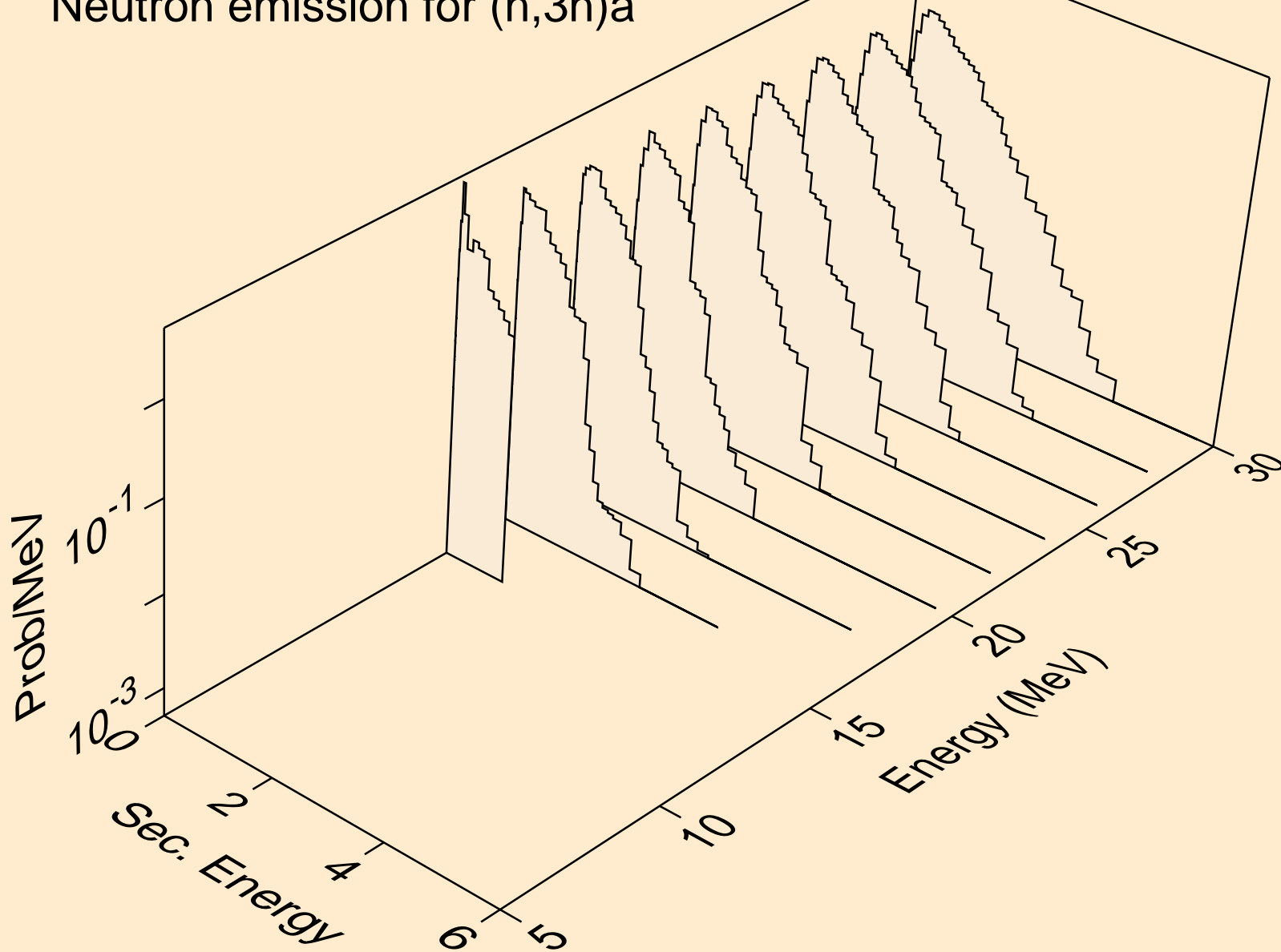




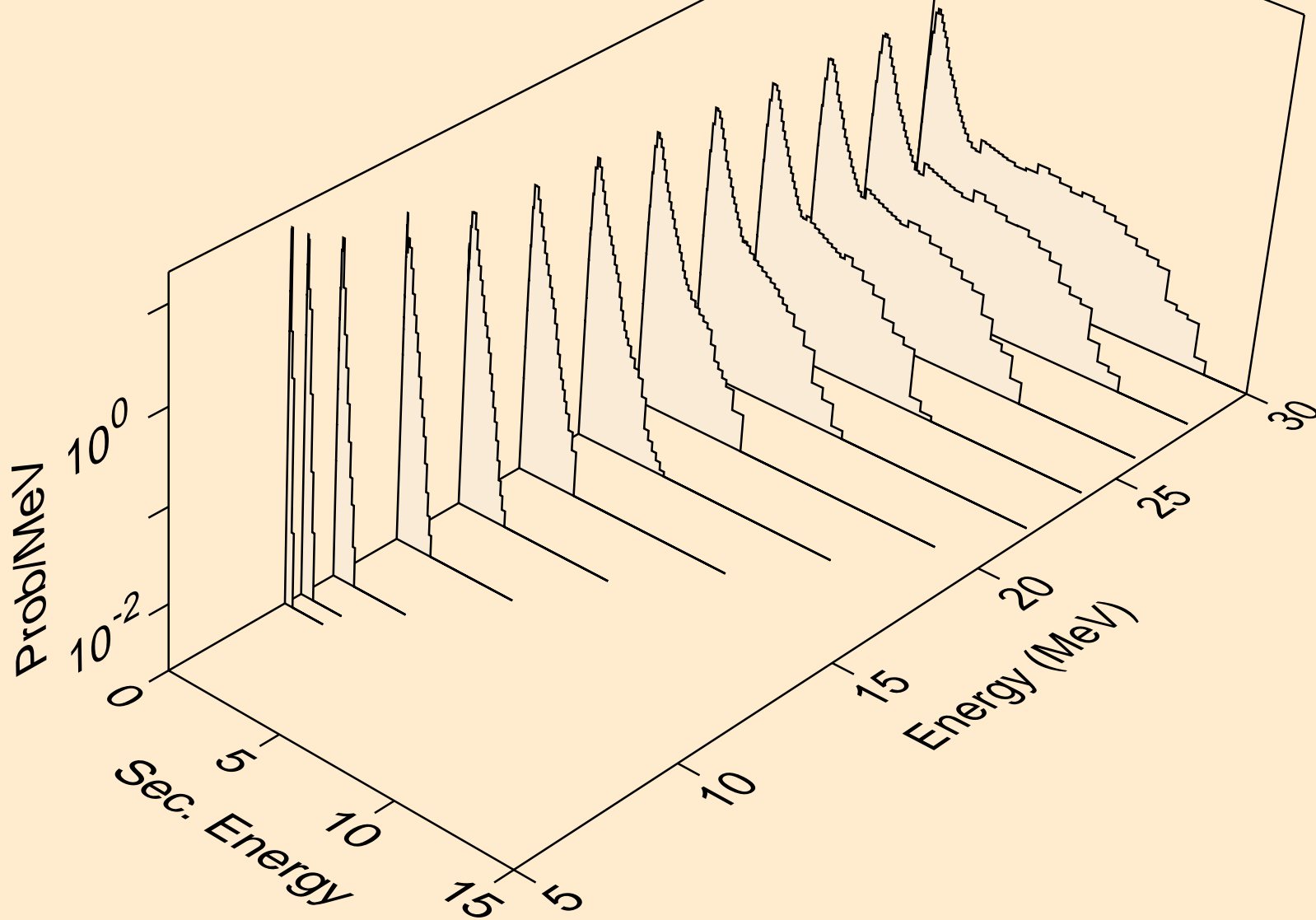
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Neutron emission for (n,2n)a



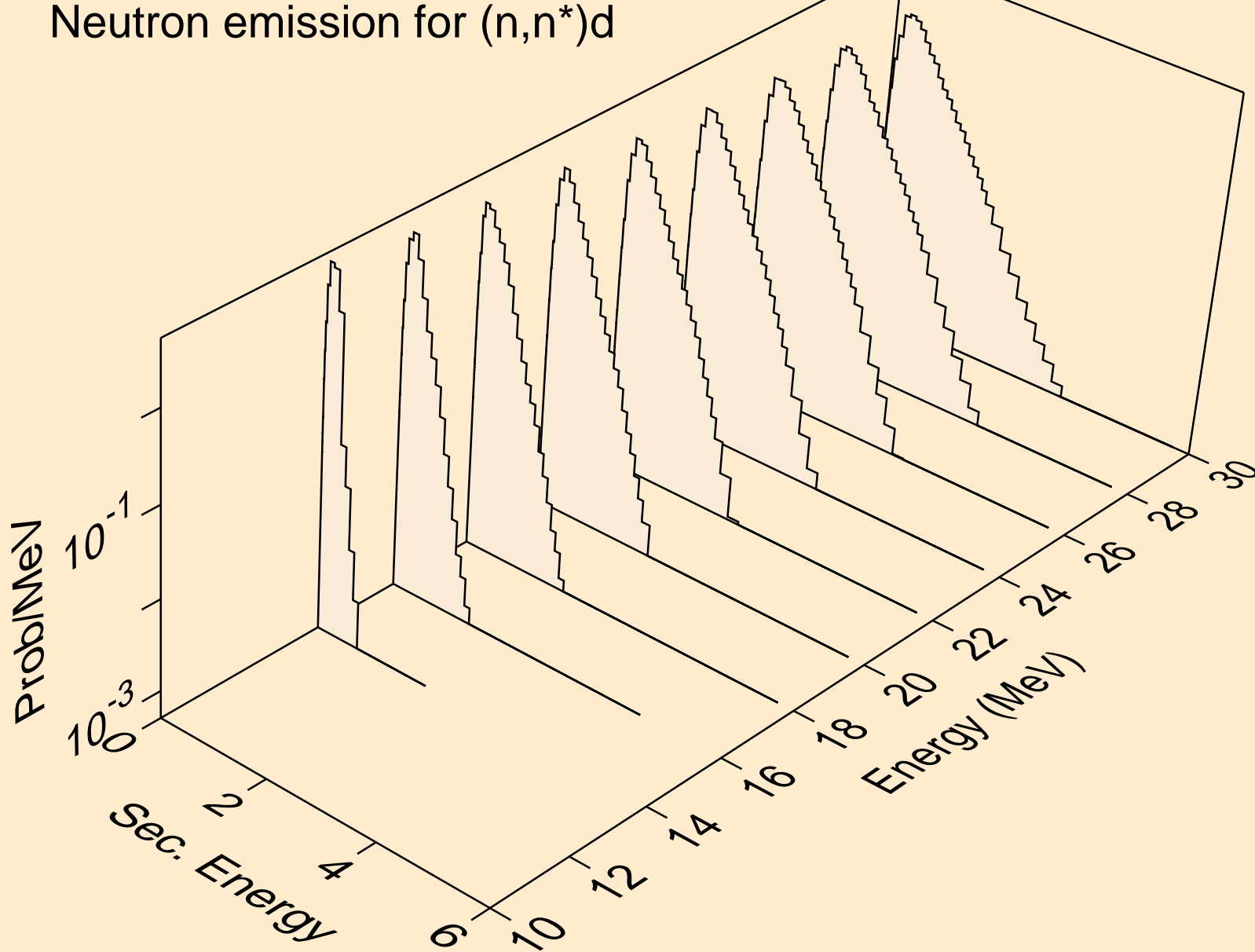
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Neutron emission for (n,3n)a



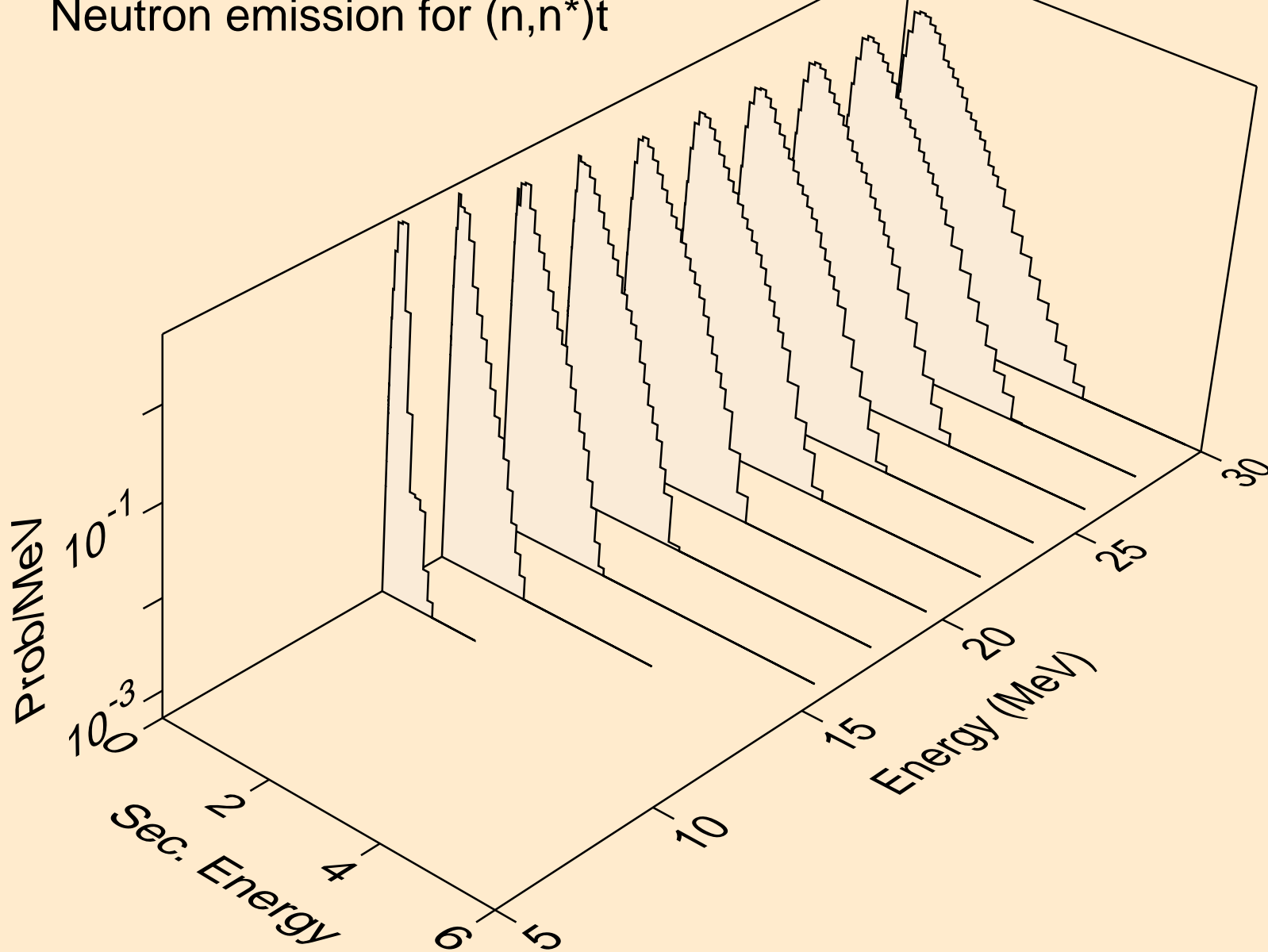
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



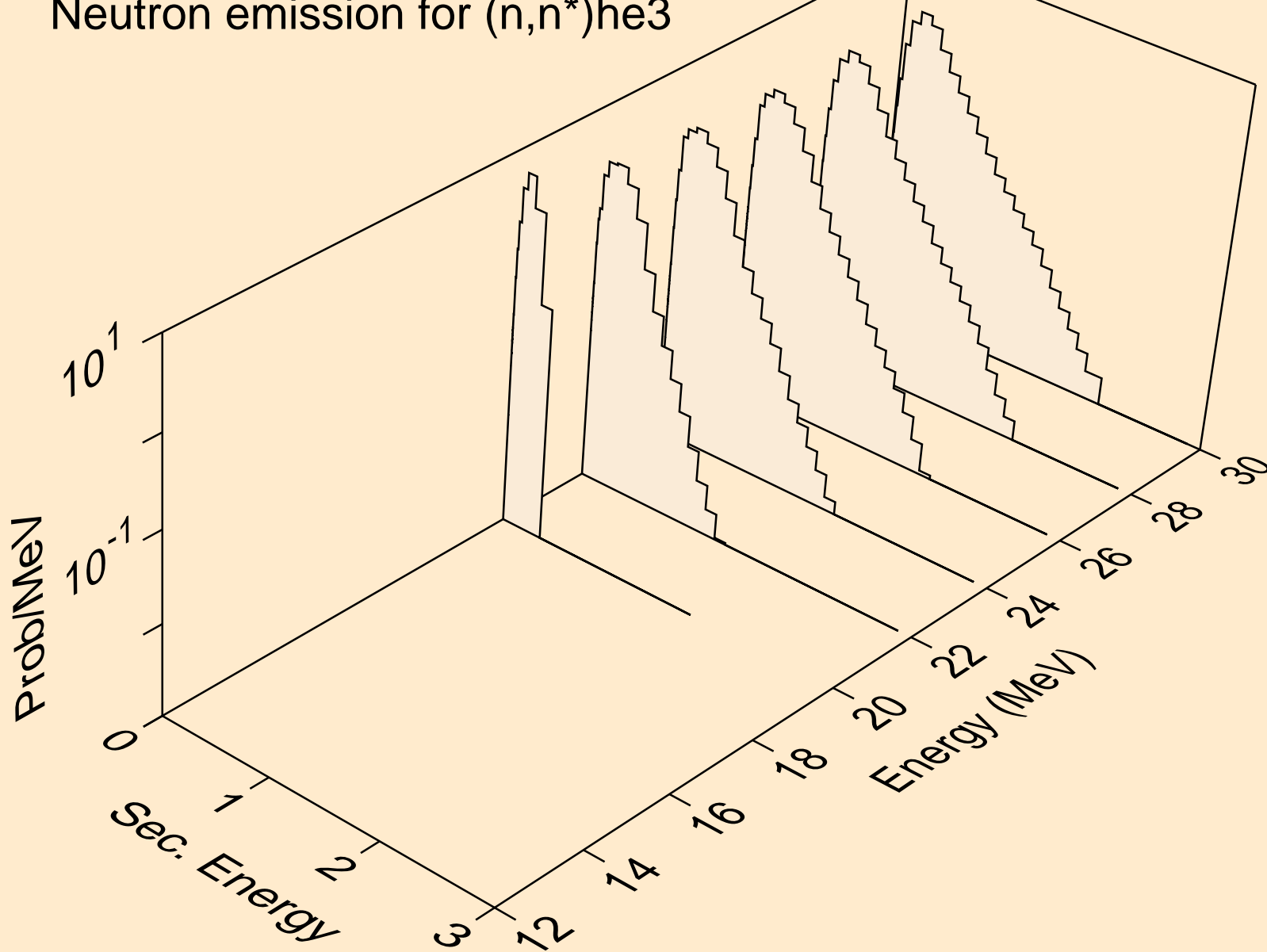
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



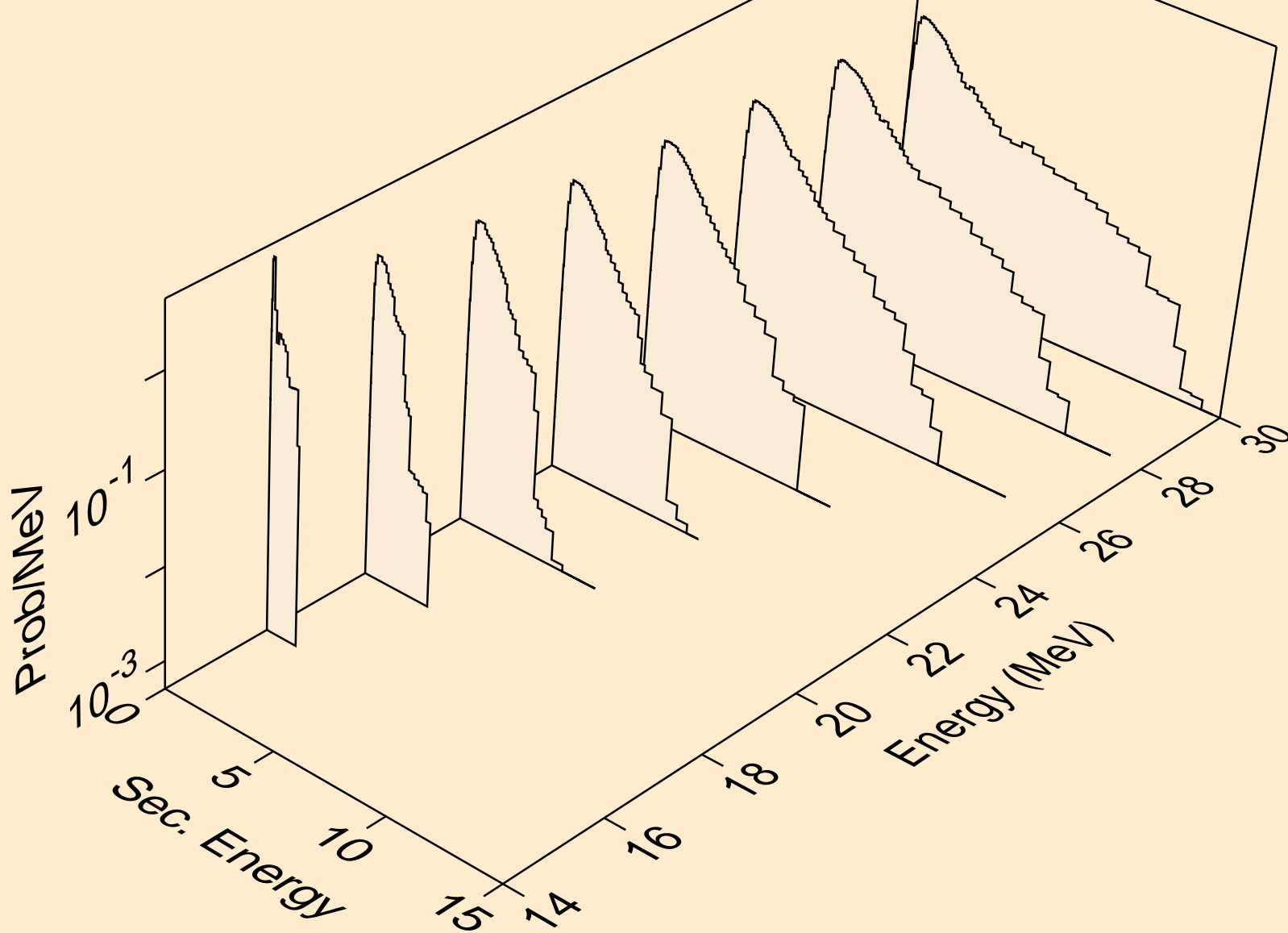
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



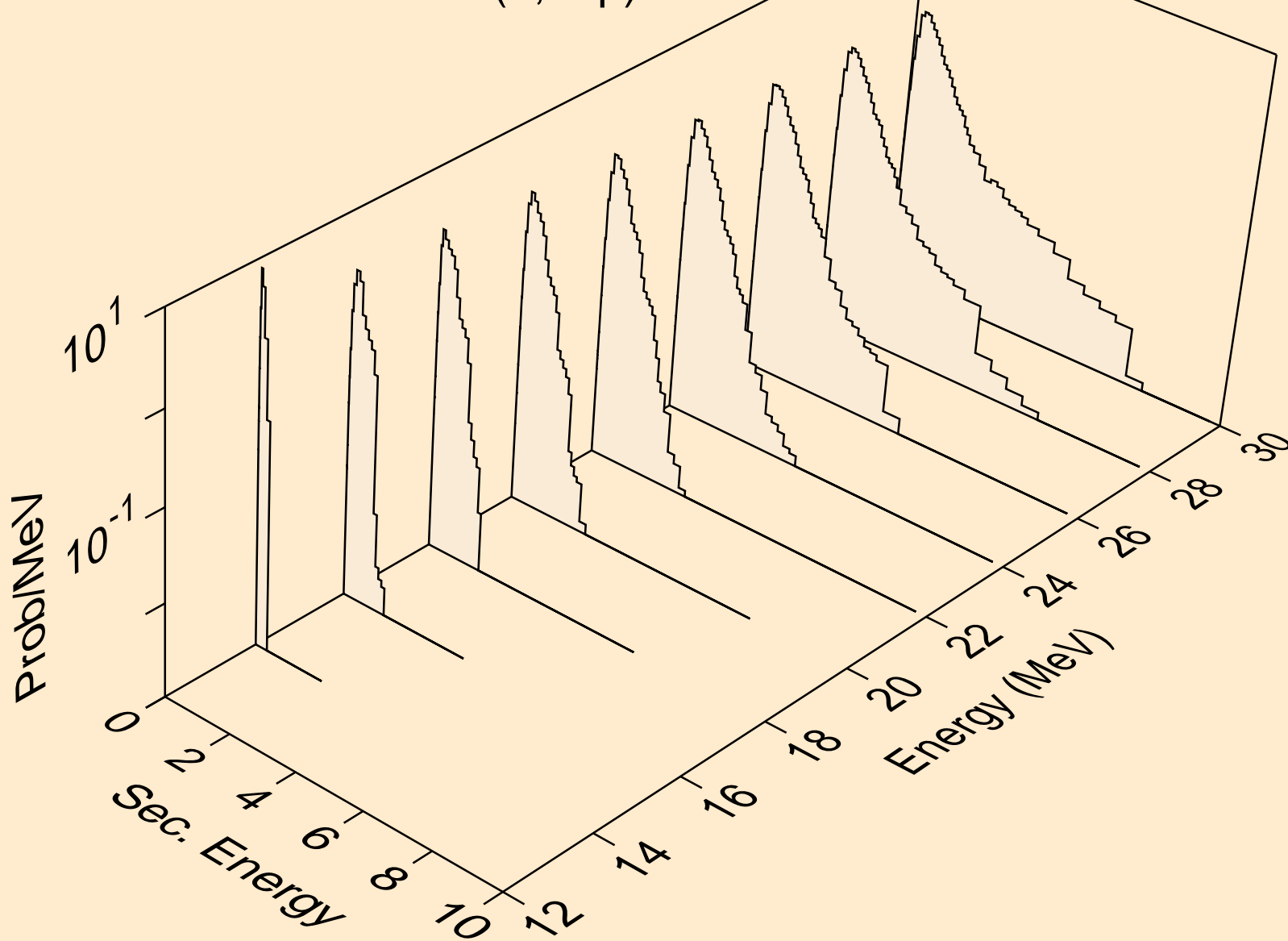
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)

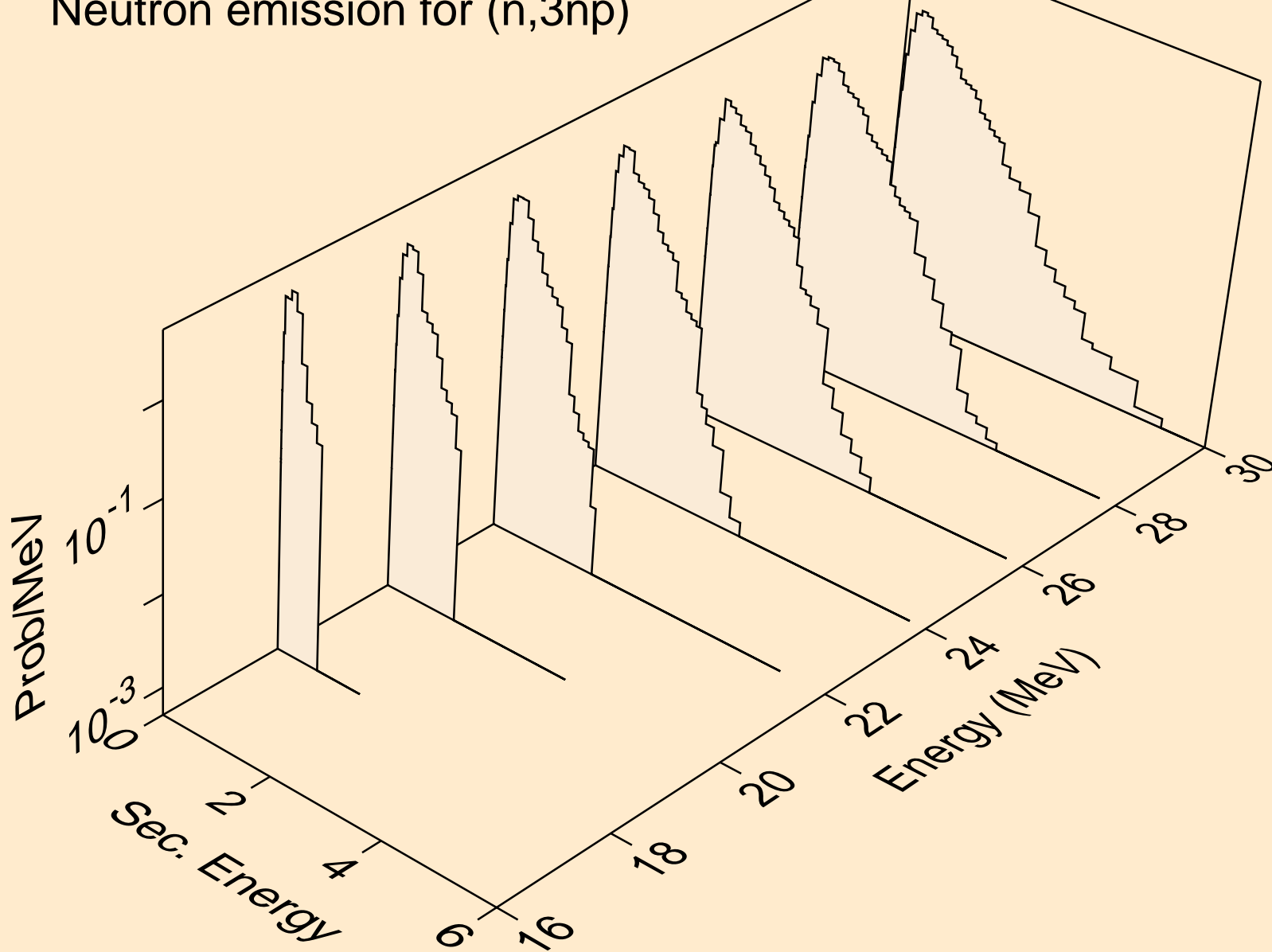


NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

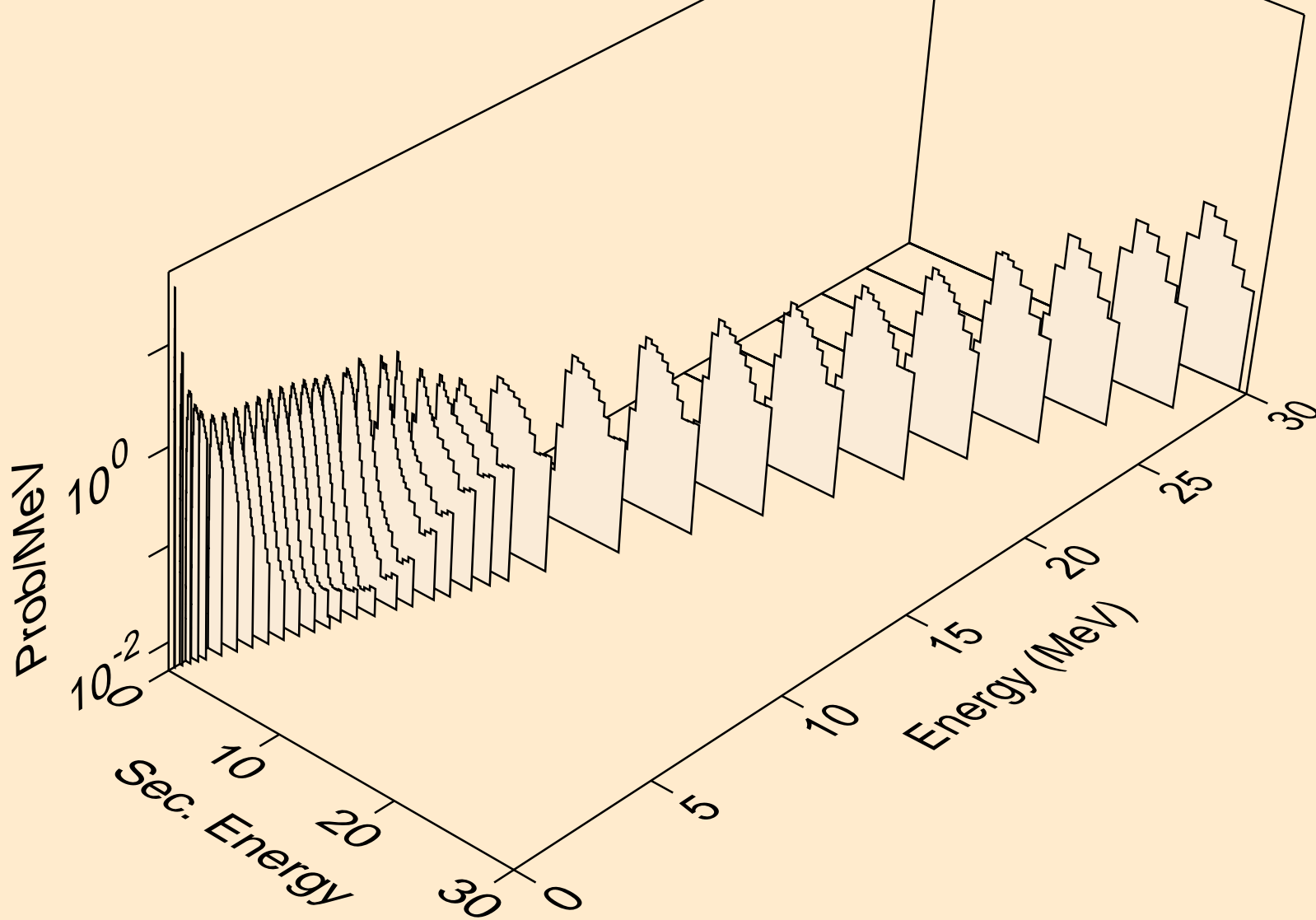




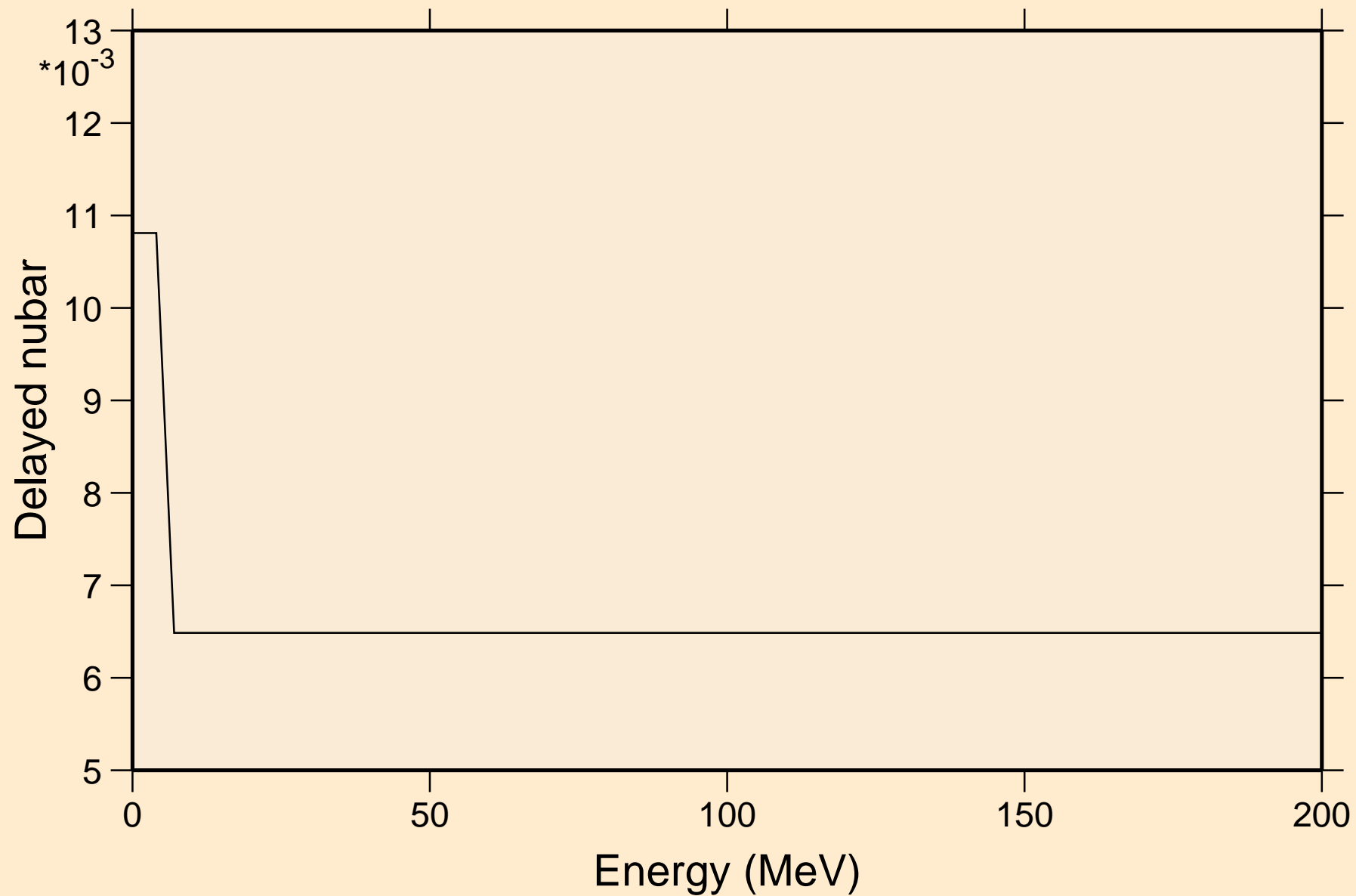
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Neutron emission for (n,3np)



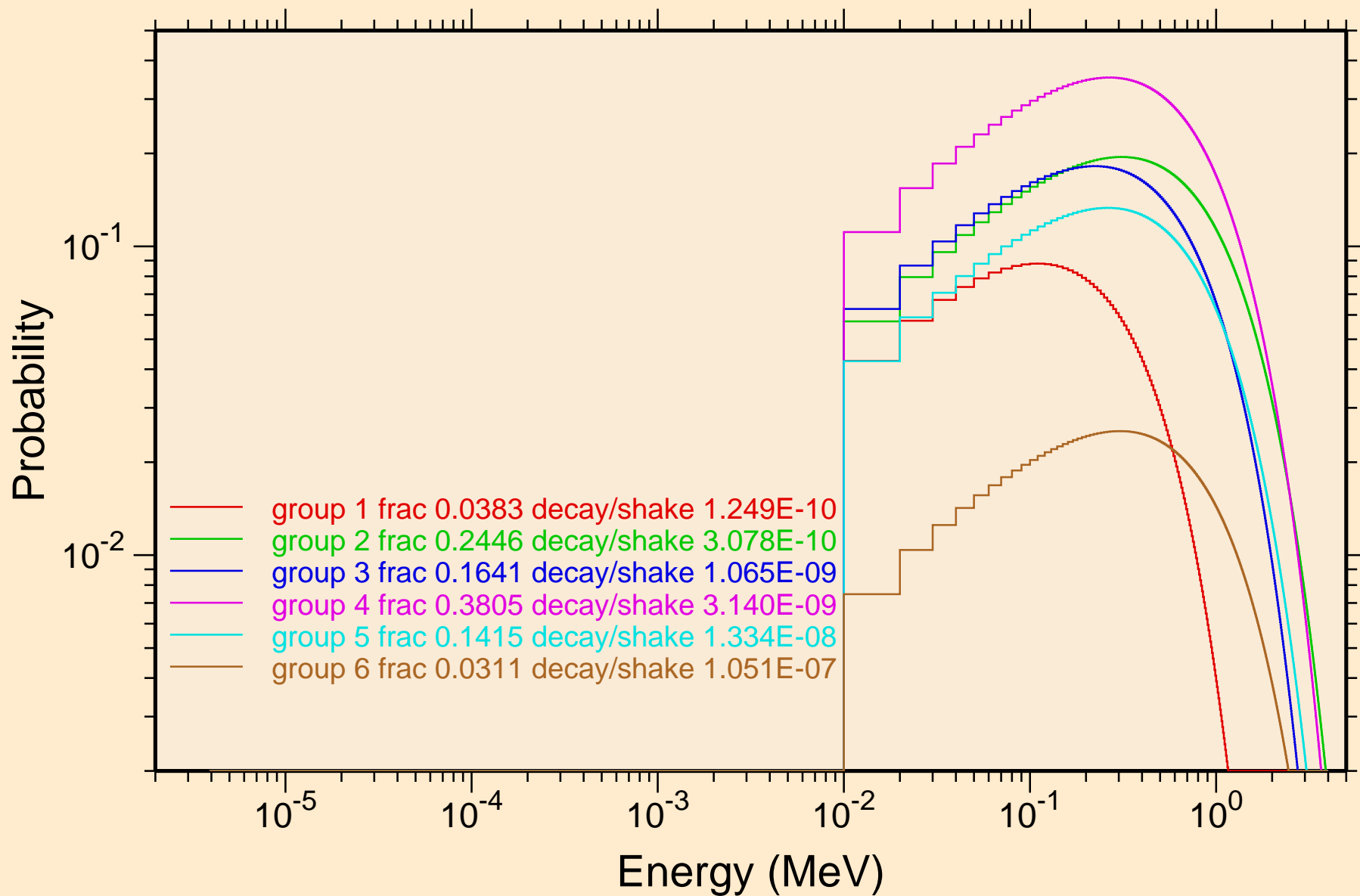
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Neutron emission for (n,n\*c)



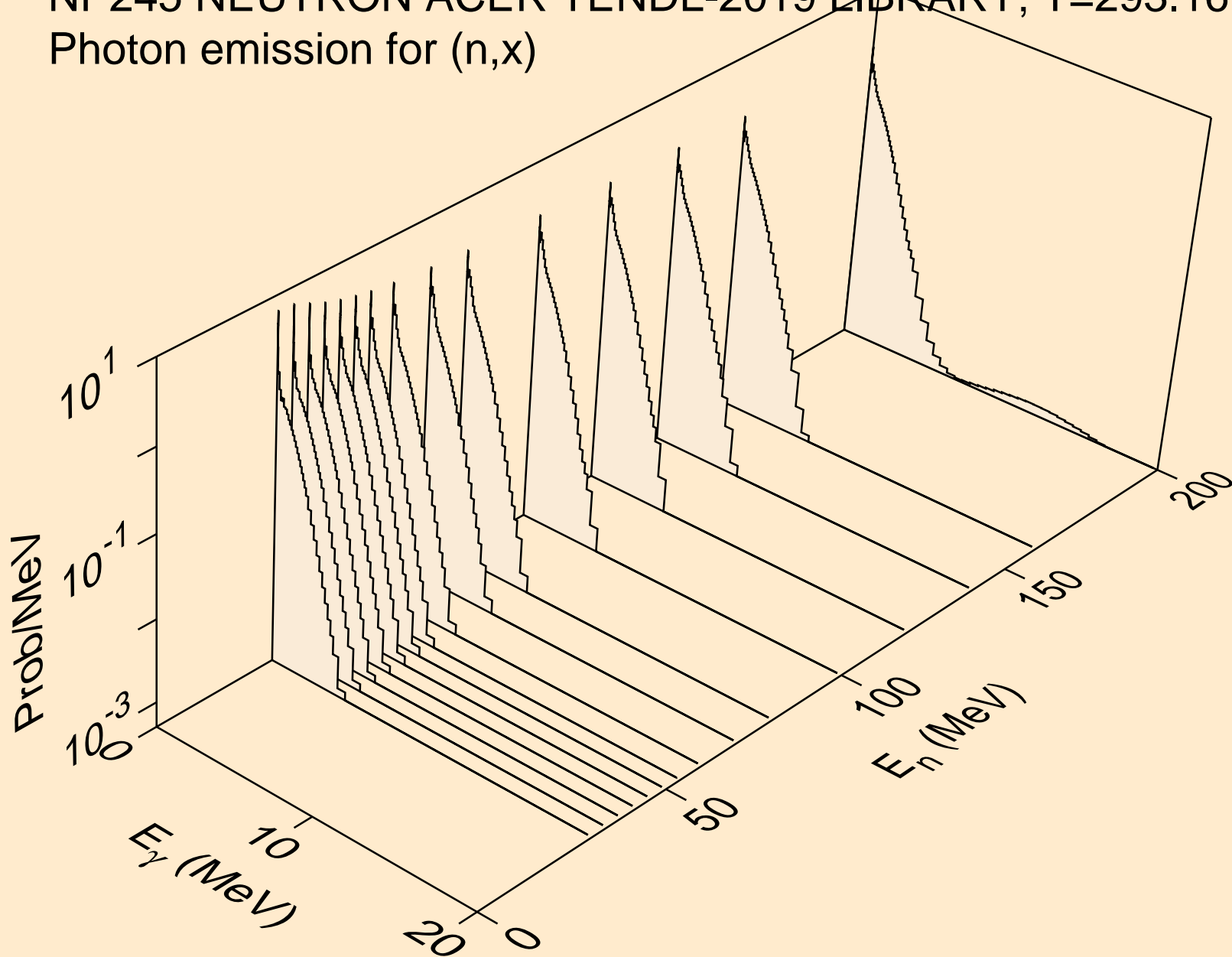
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Delayed nubar



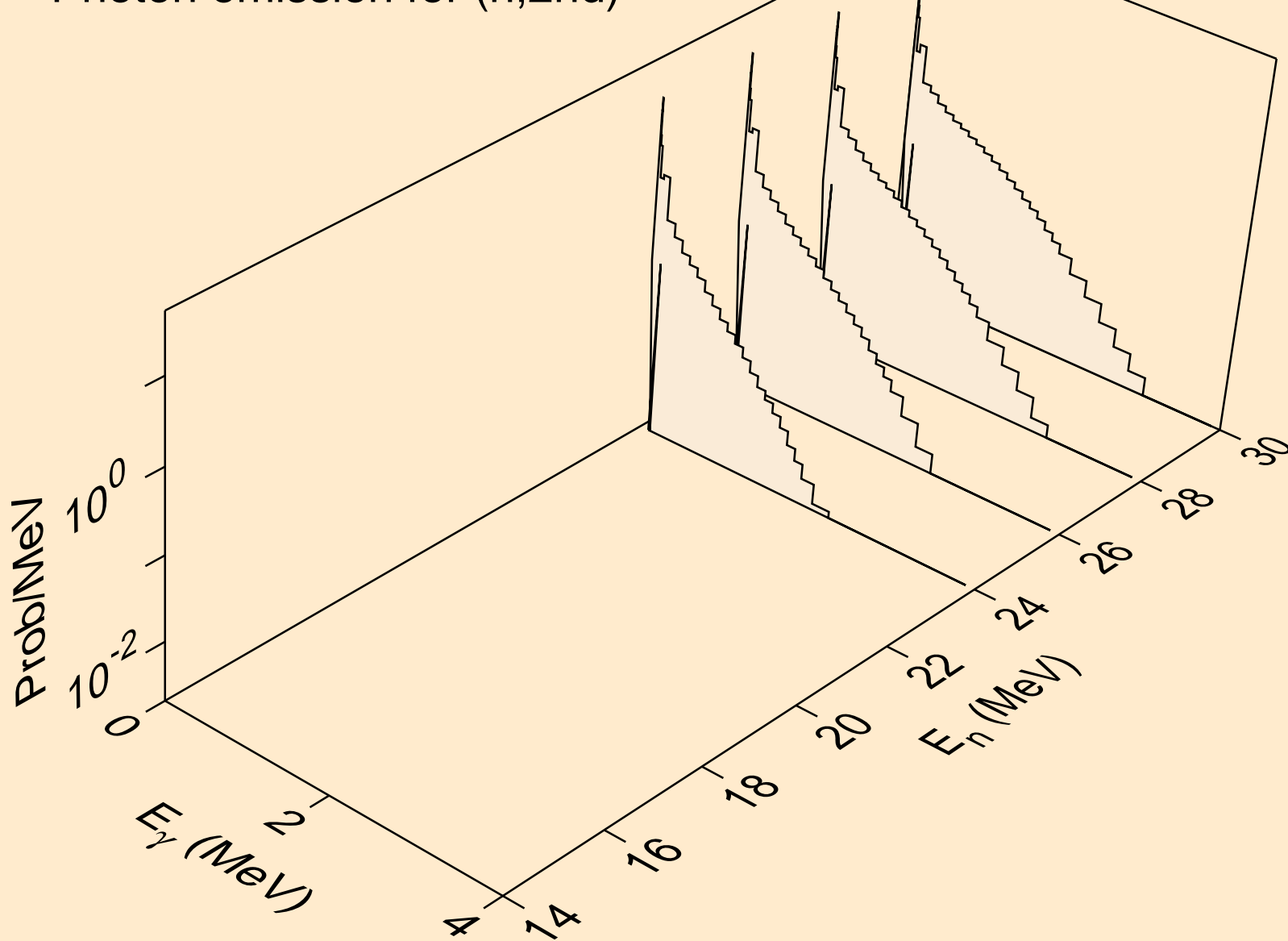
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Delayed neutron spectra



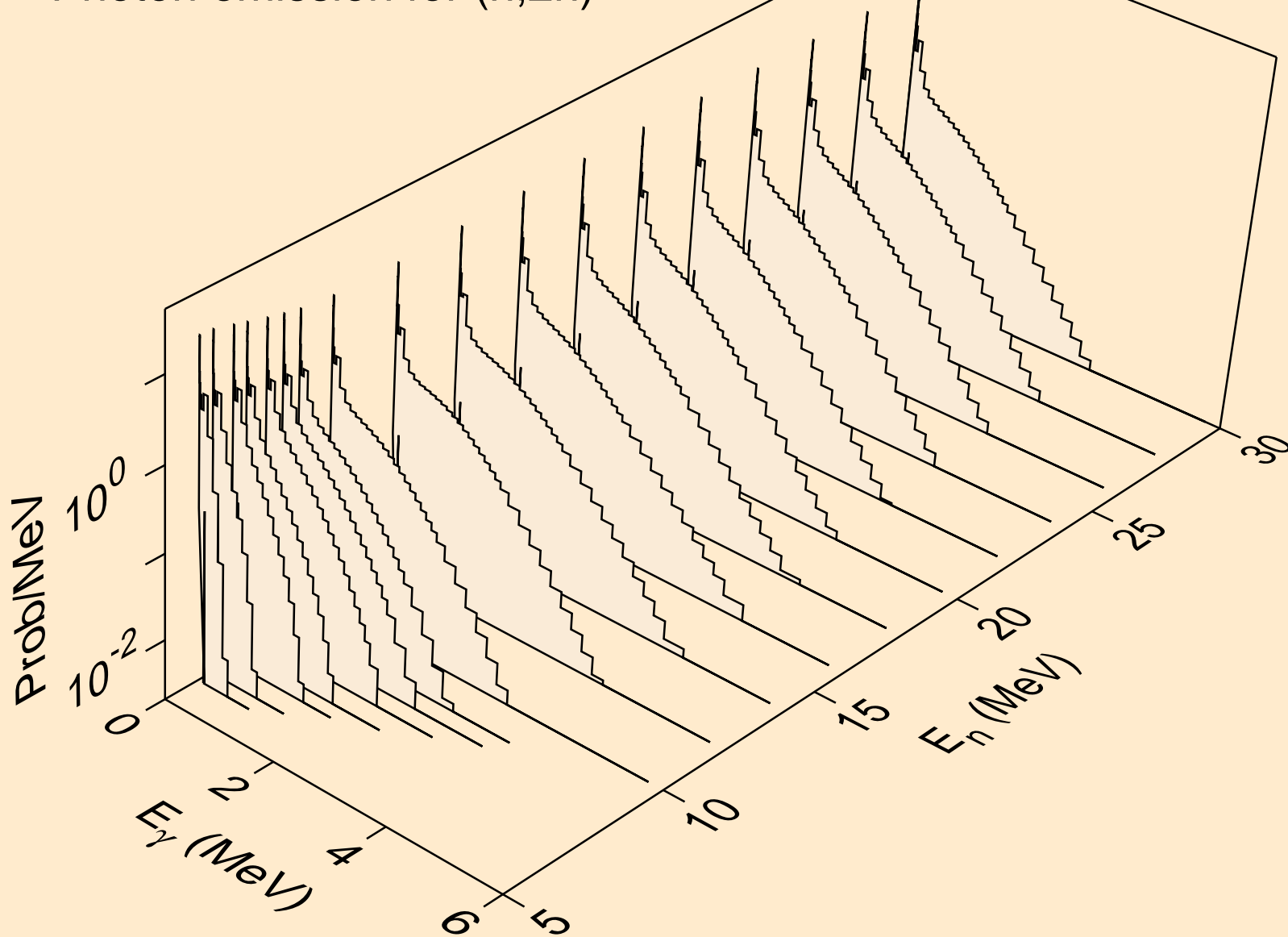
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Photon emission for (n,x)



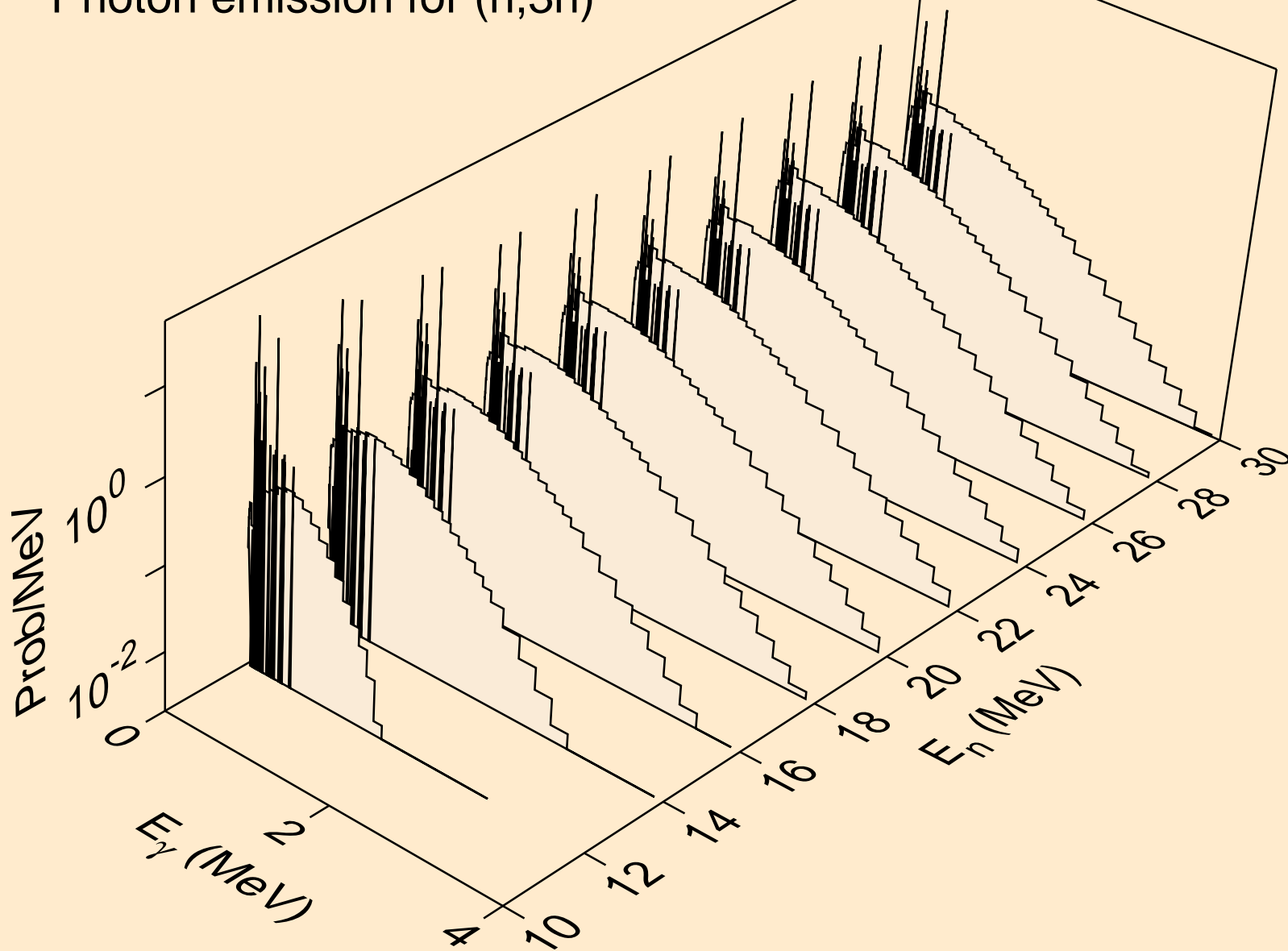
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)

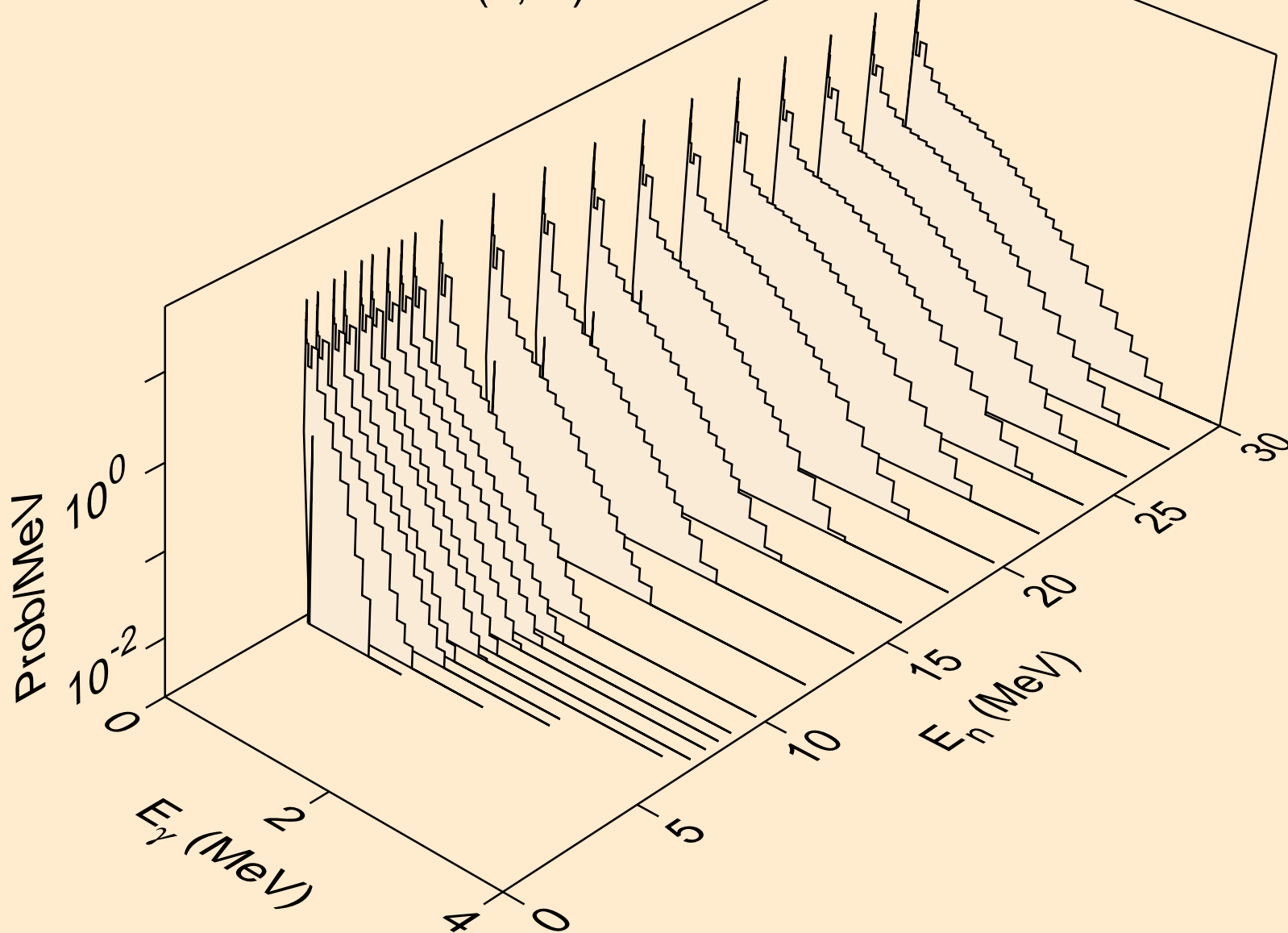


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Photon emission for (n,3n)

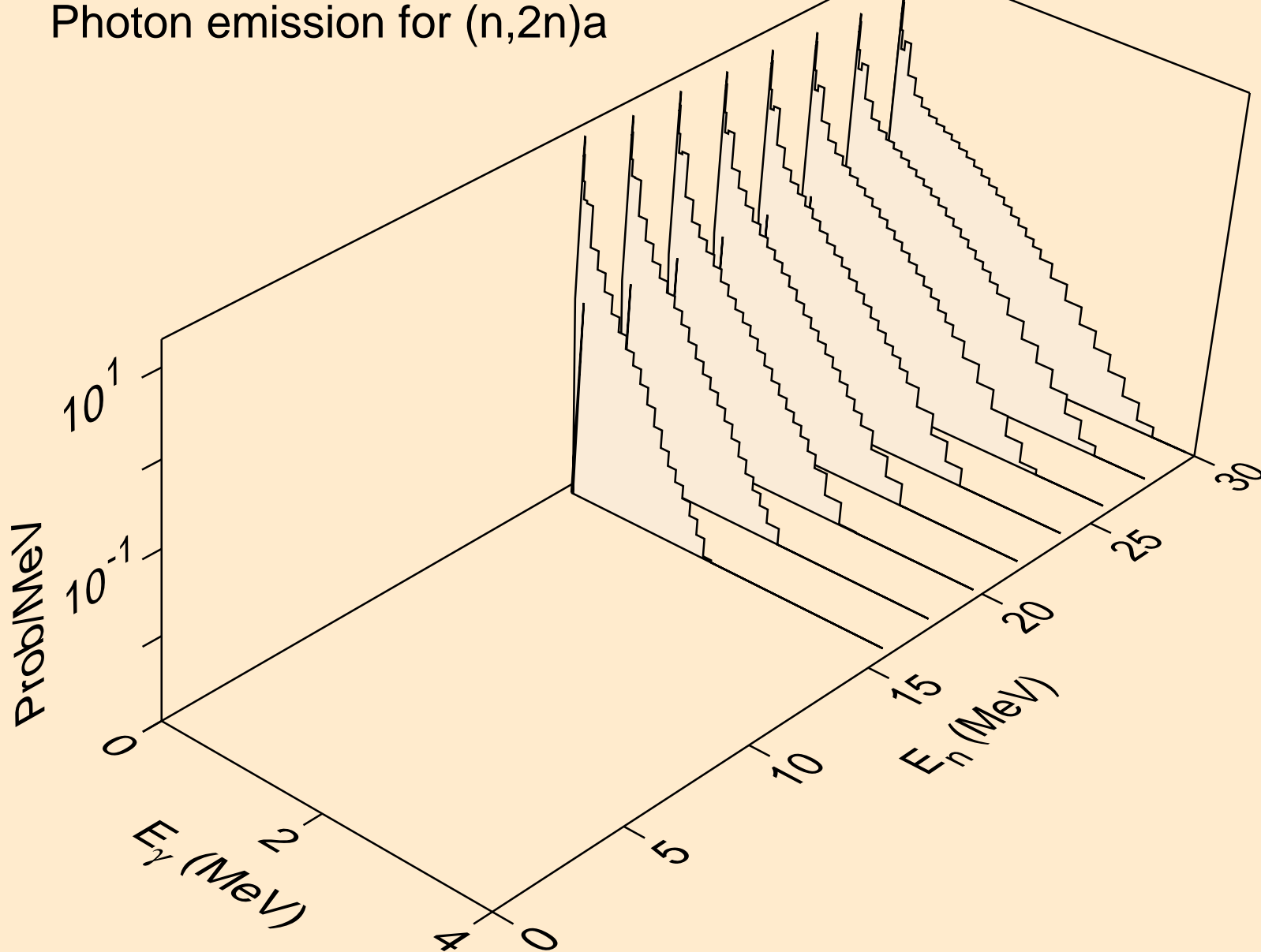




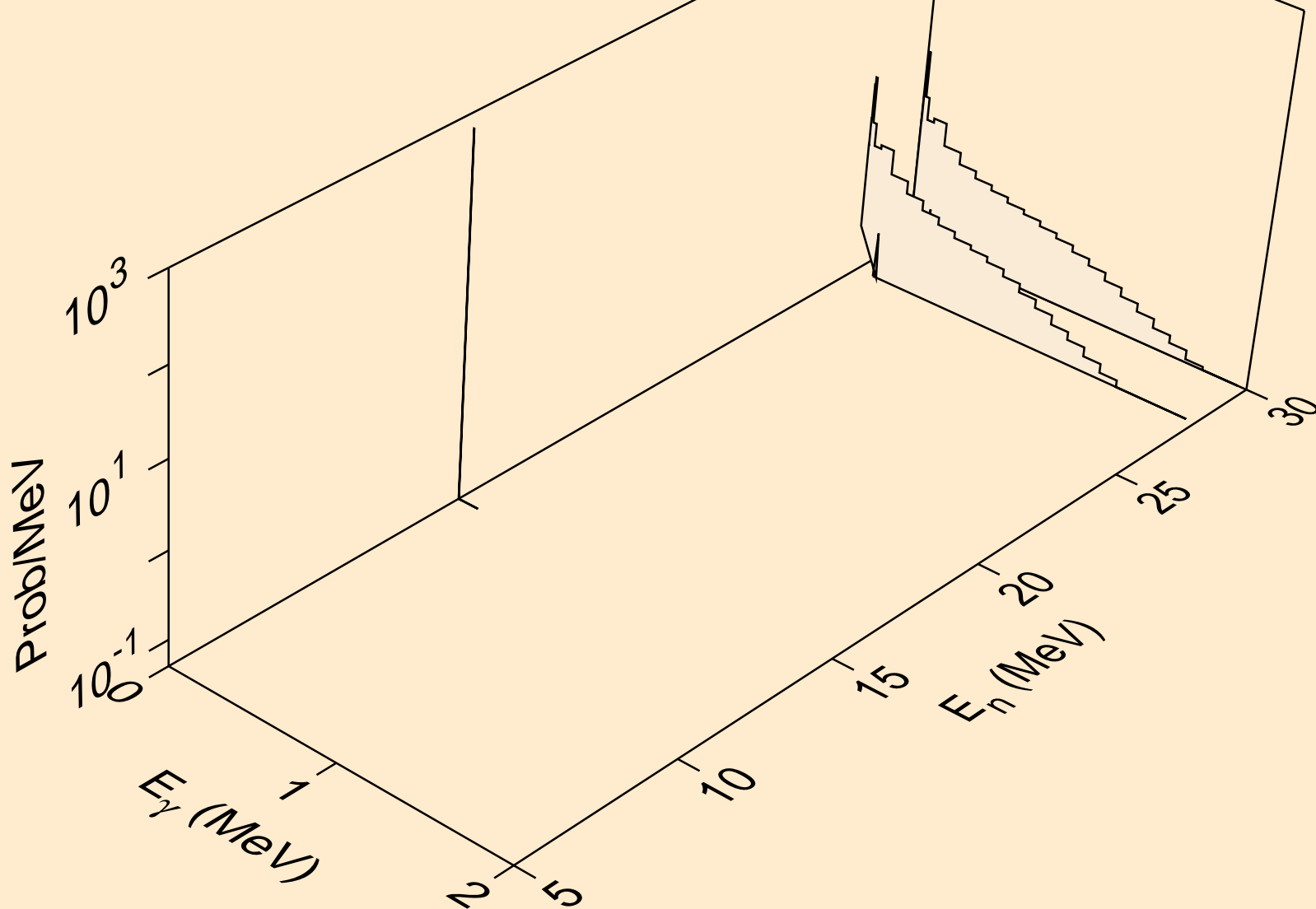
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Photon emission for (n,n\*)a



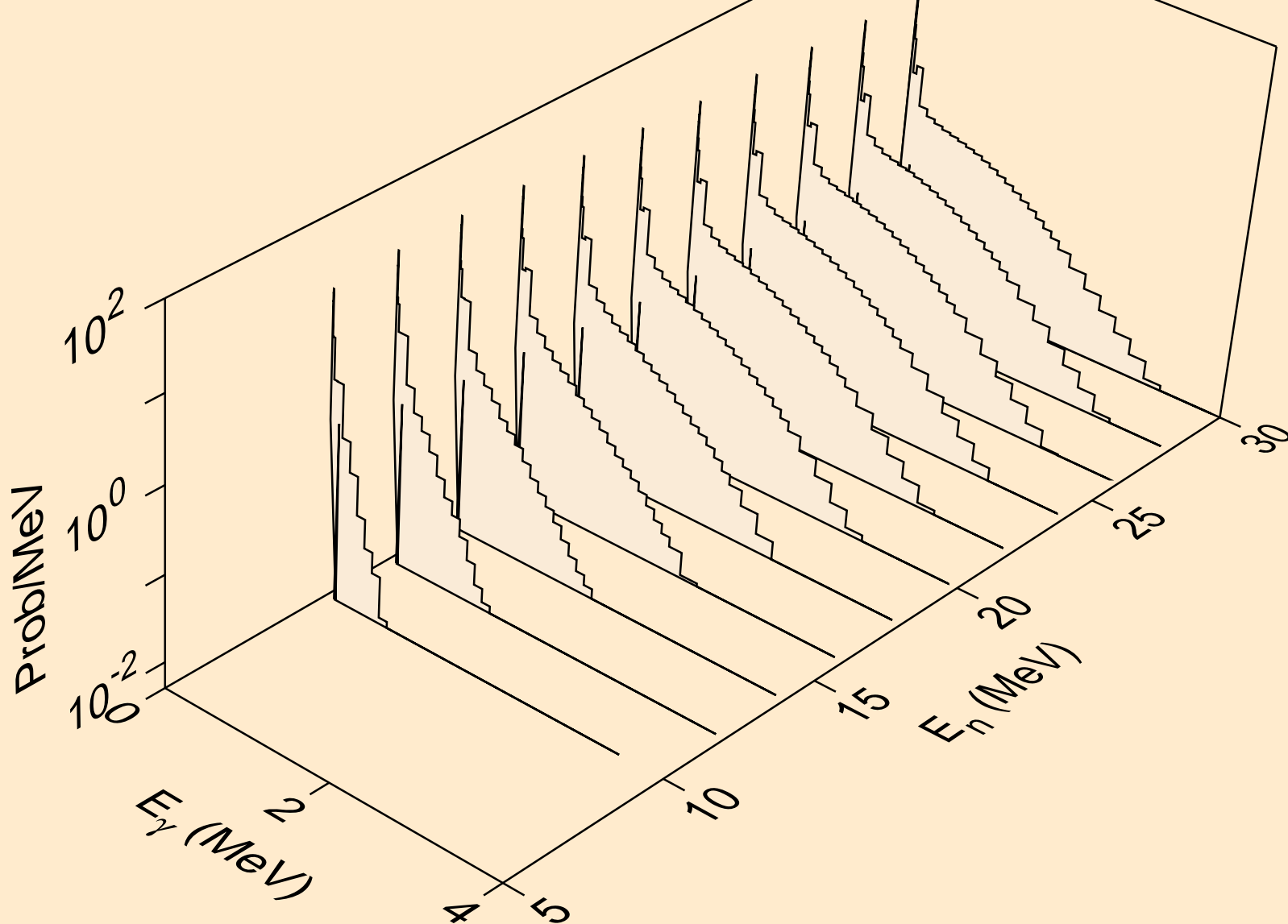
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Photon emission for (n,2n)a



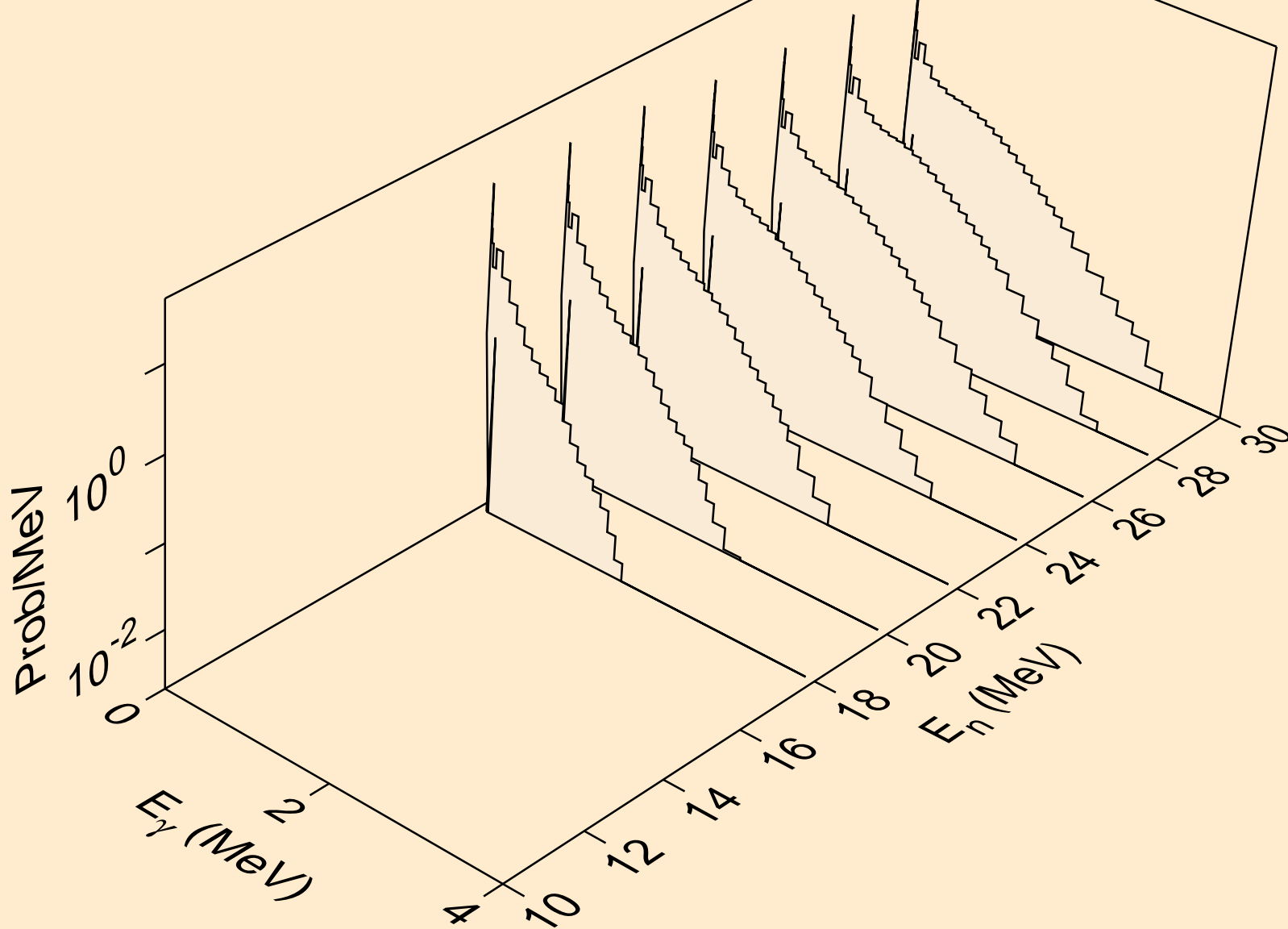
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Photon emission for (n,3n)a



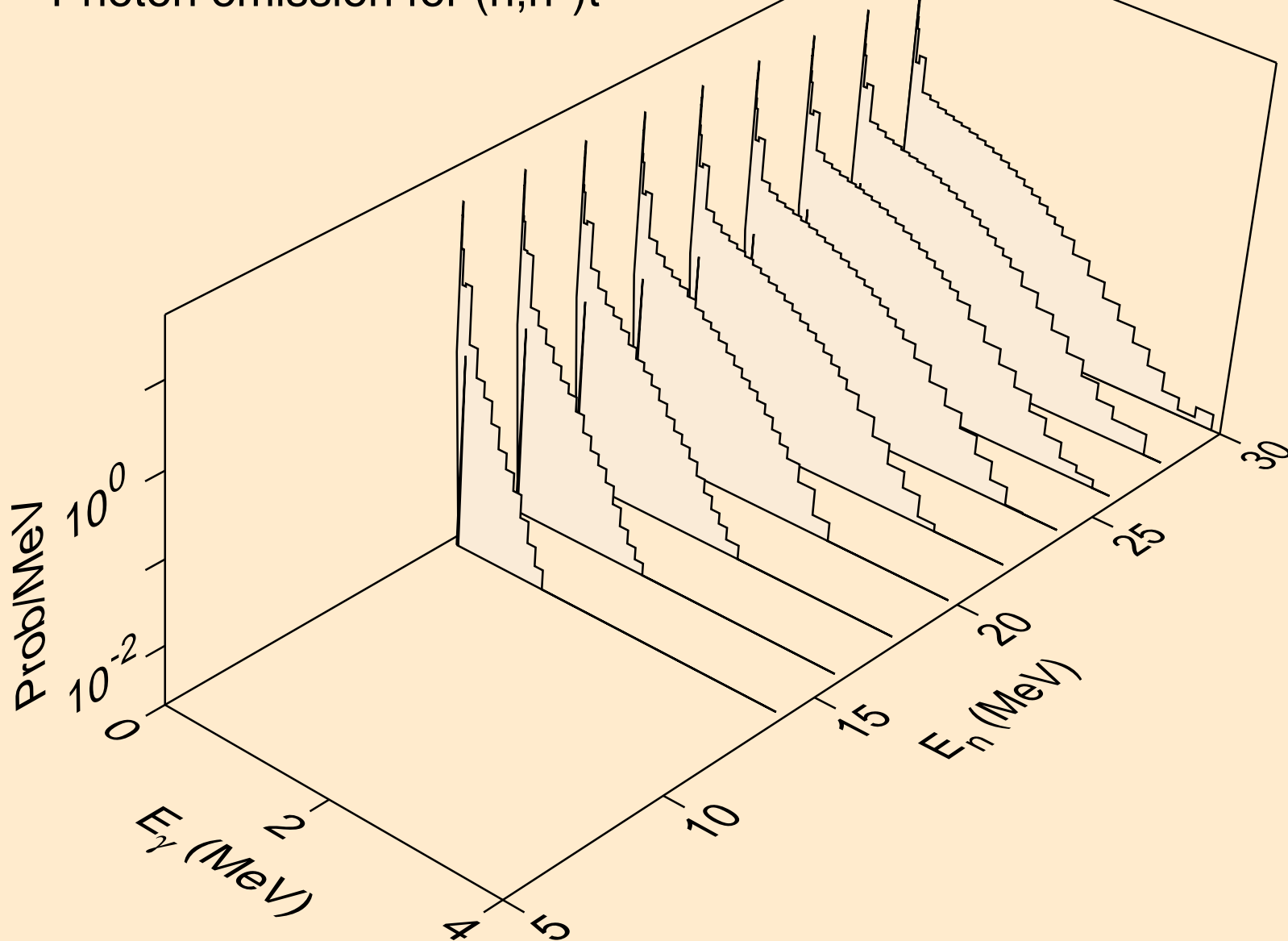
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Photon emission for (n,n\*)p



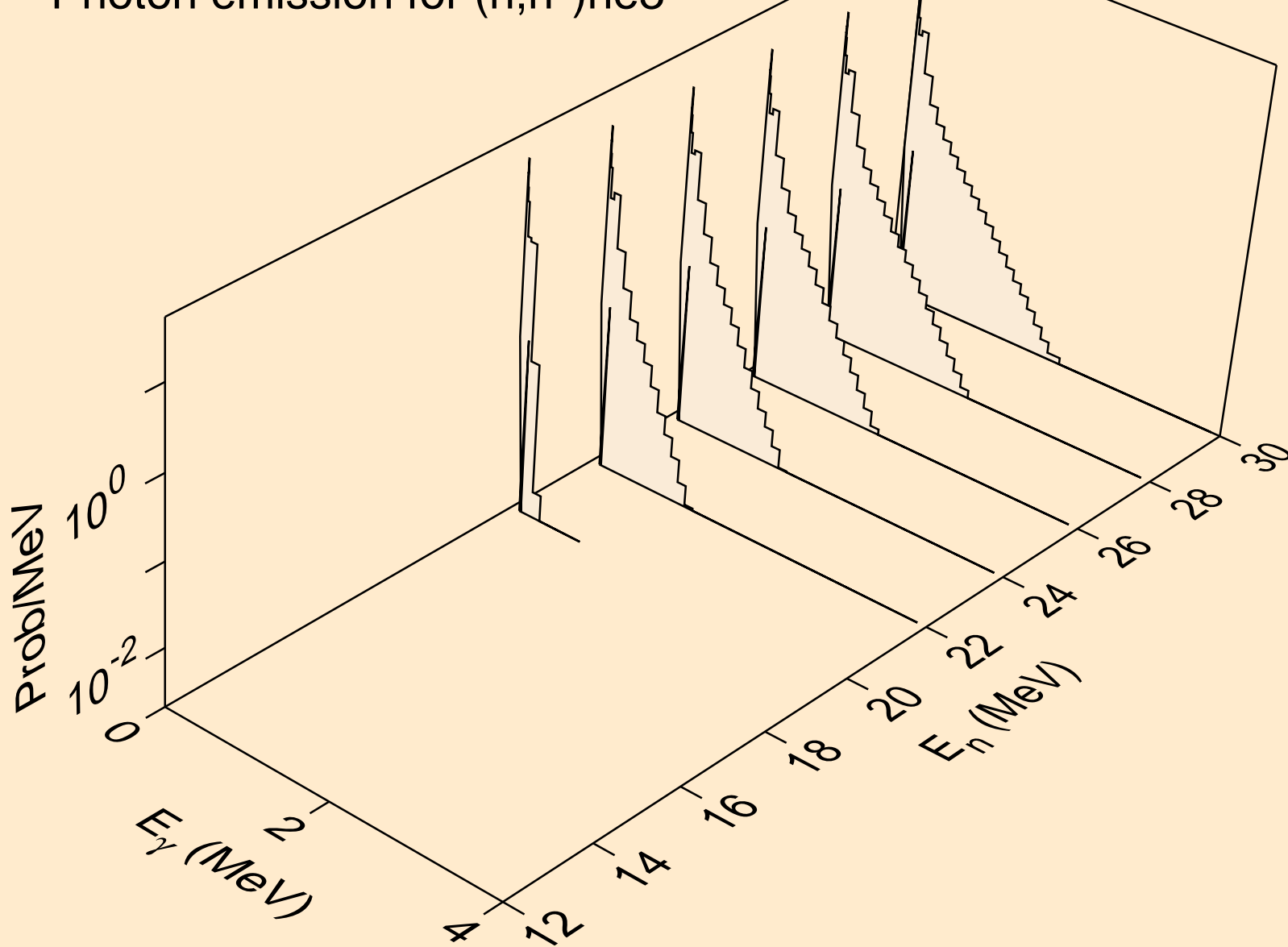
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Photon emission for (n,n\*)d



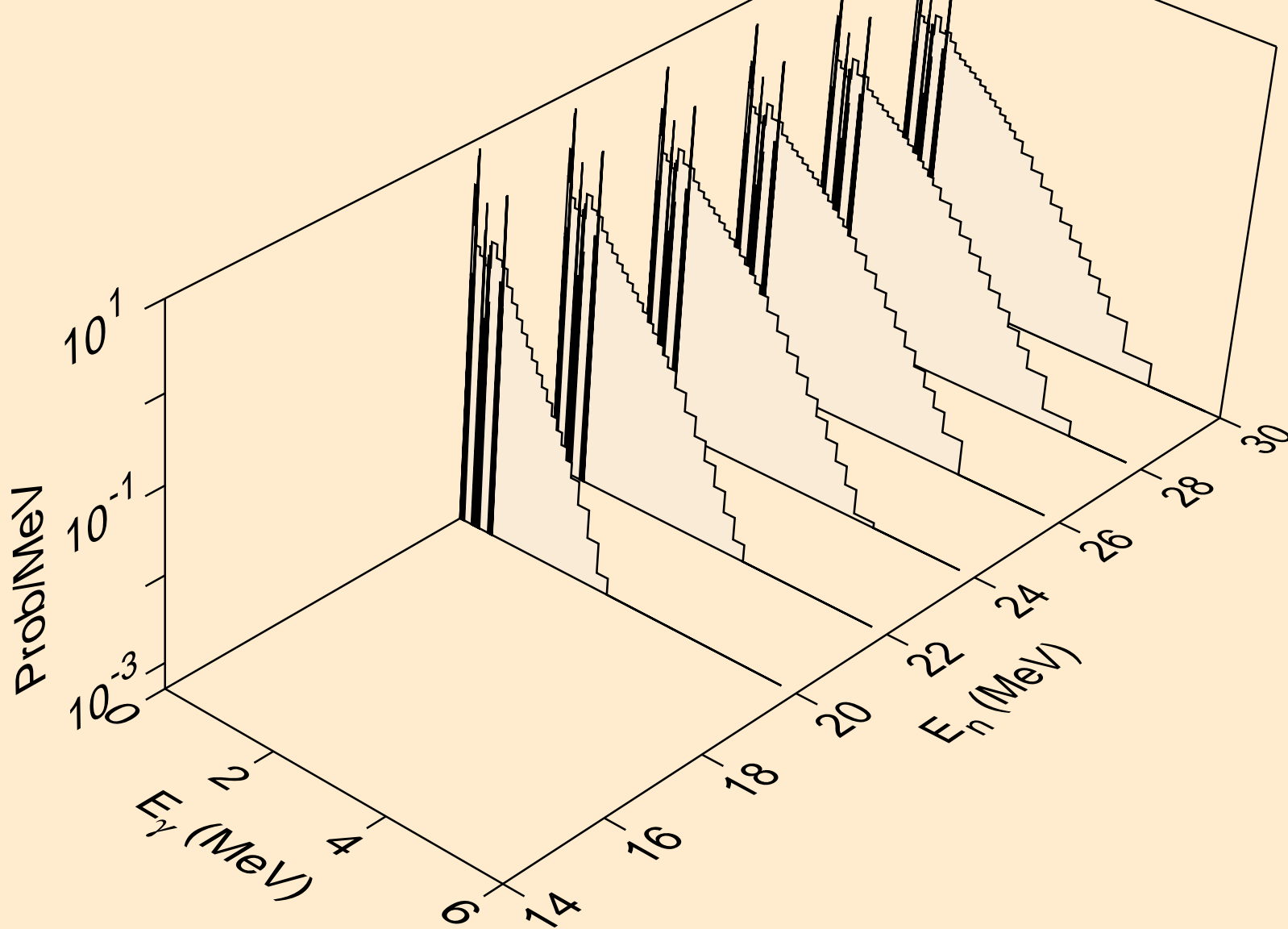
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

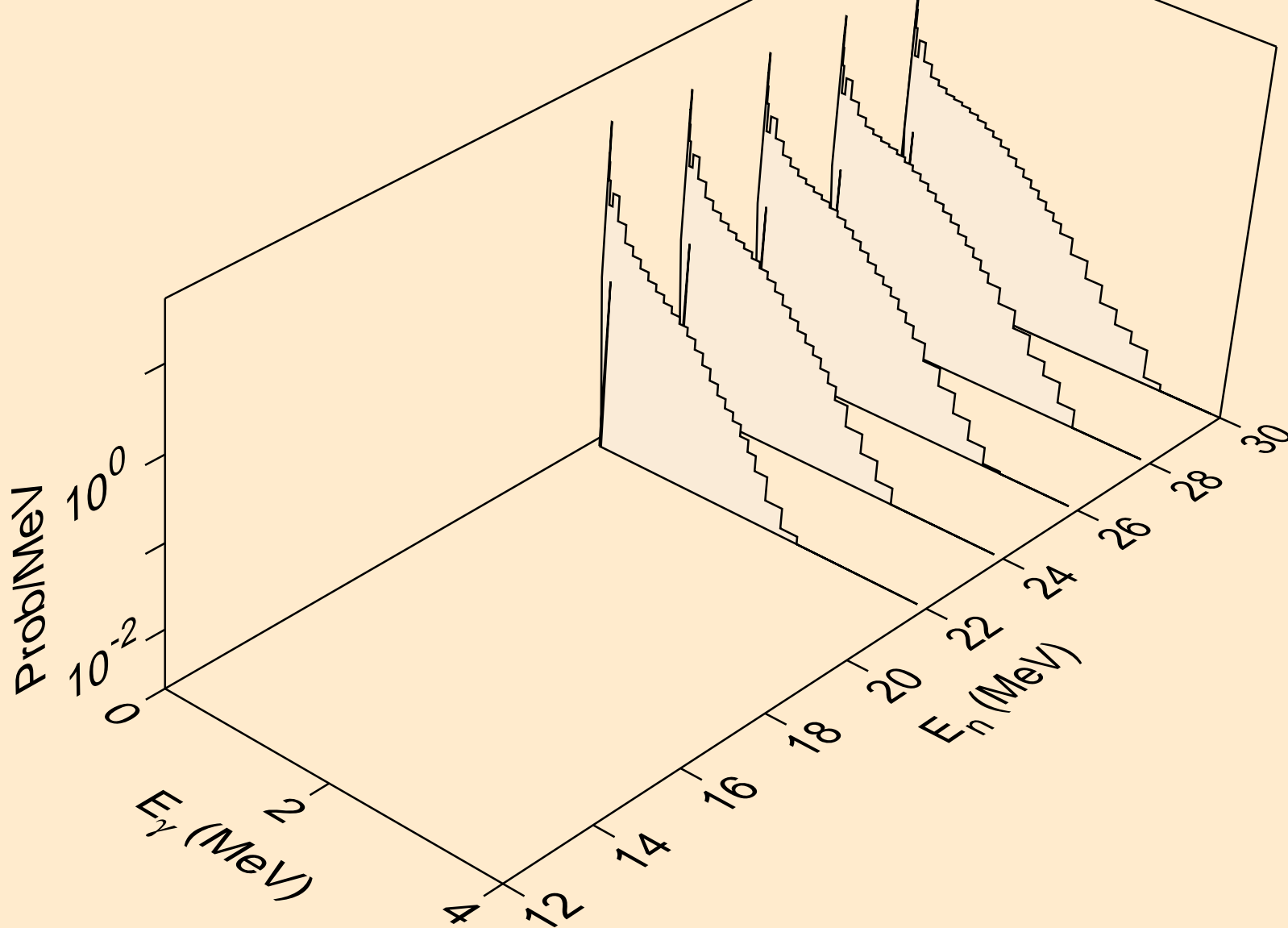


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Photon emission for (n,4n)

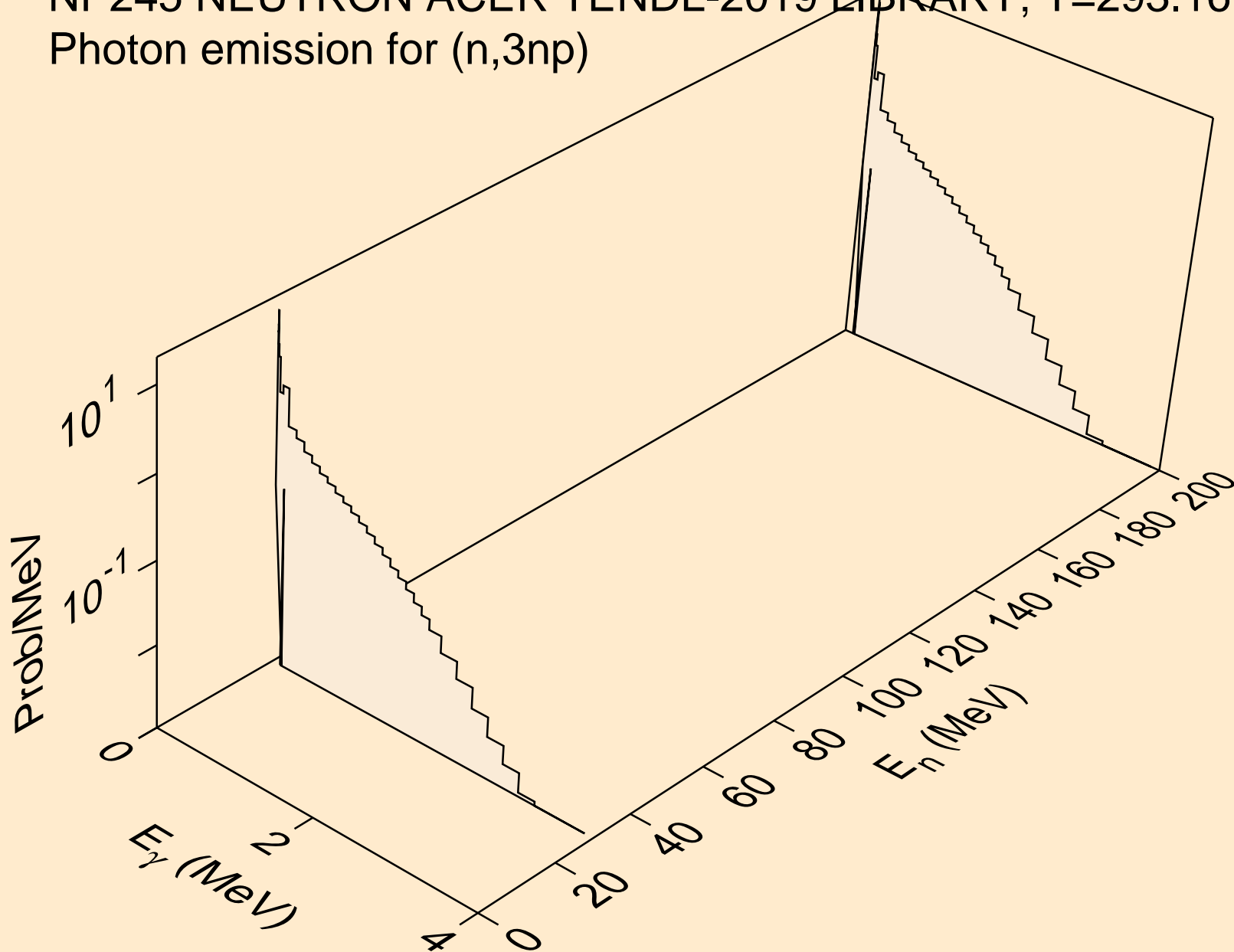




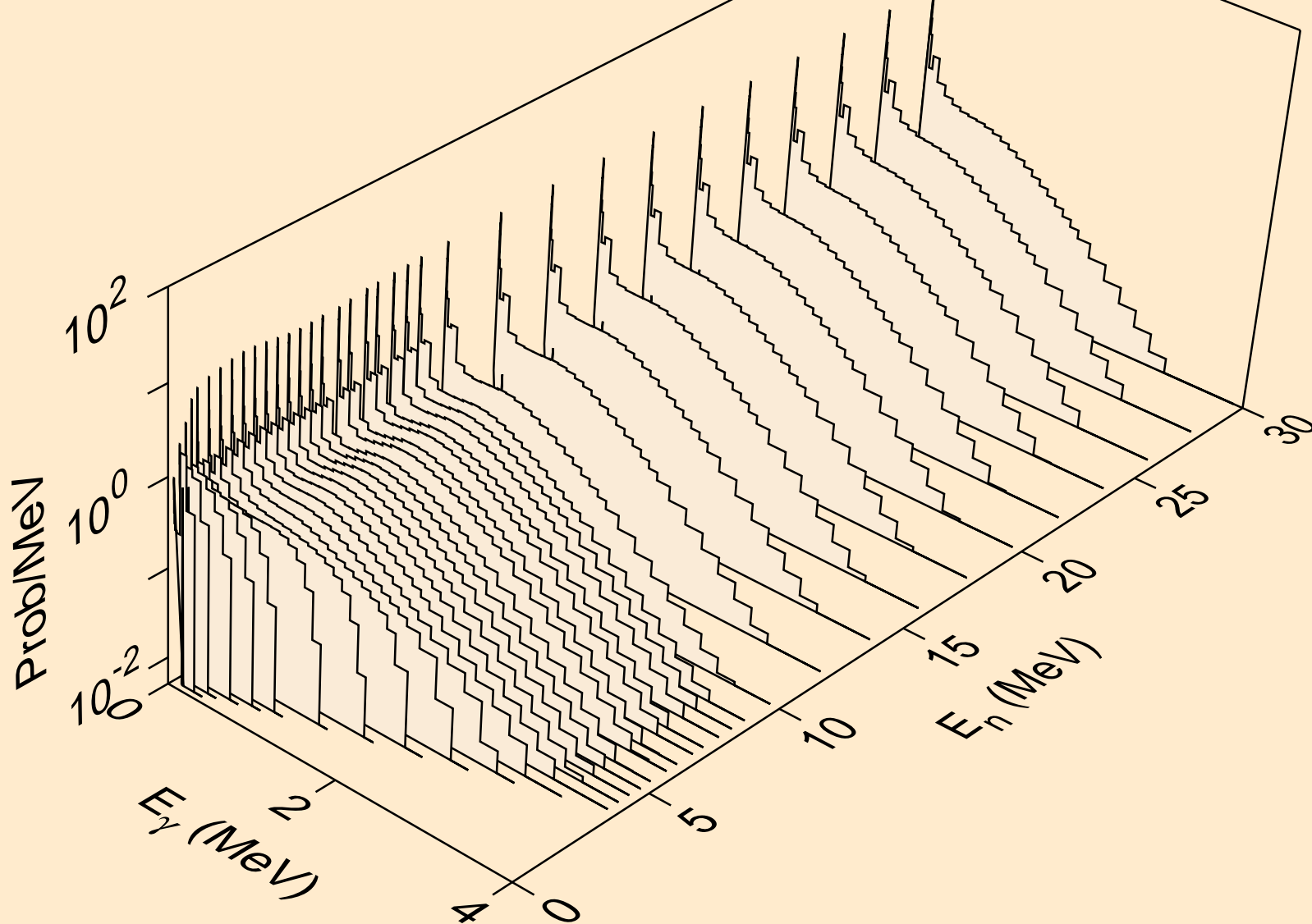
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Photon emission for (n,2np)



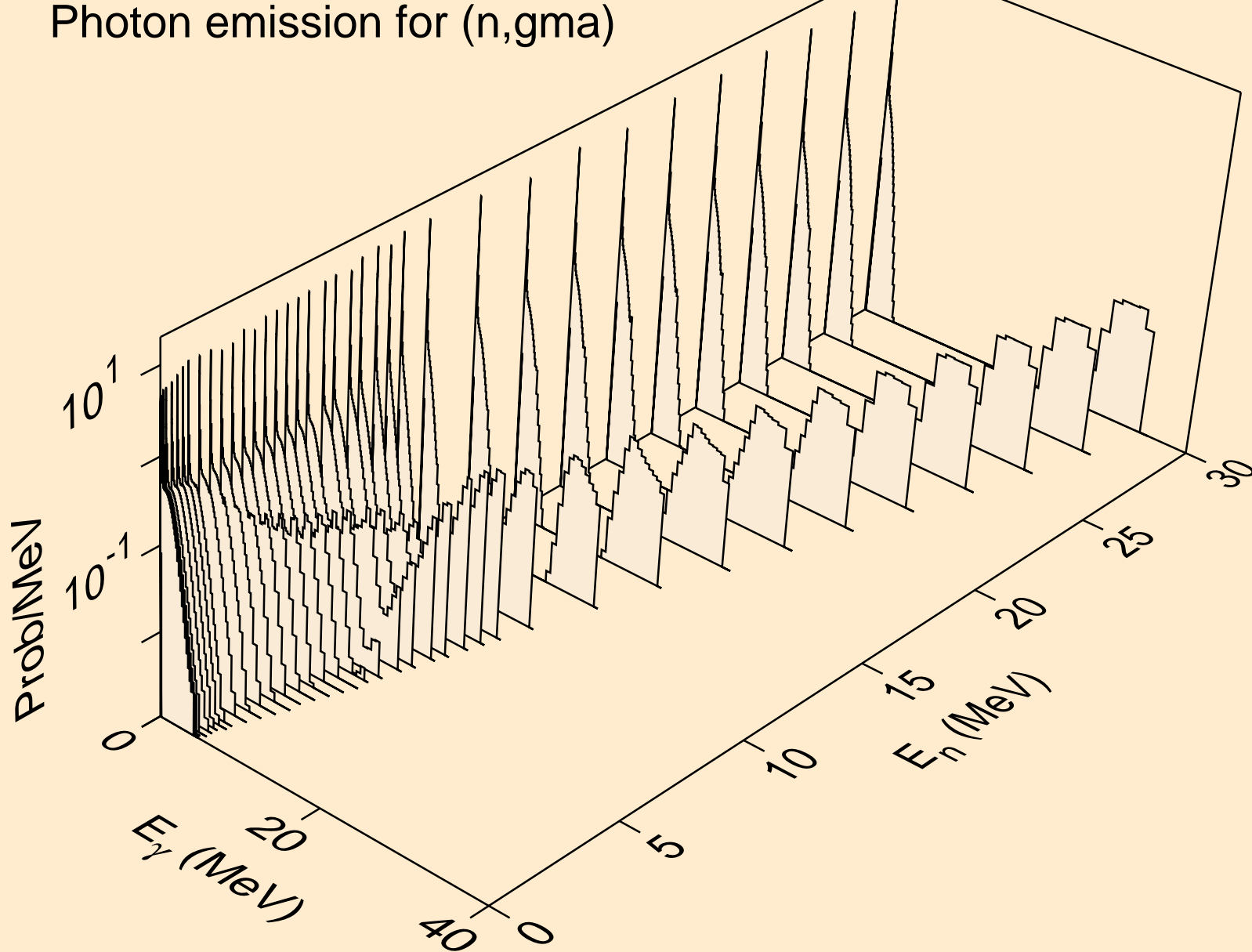
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Photon emission for (n,3np)



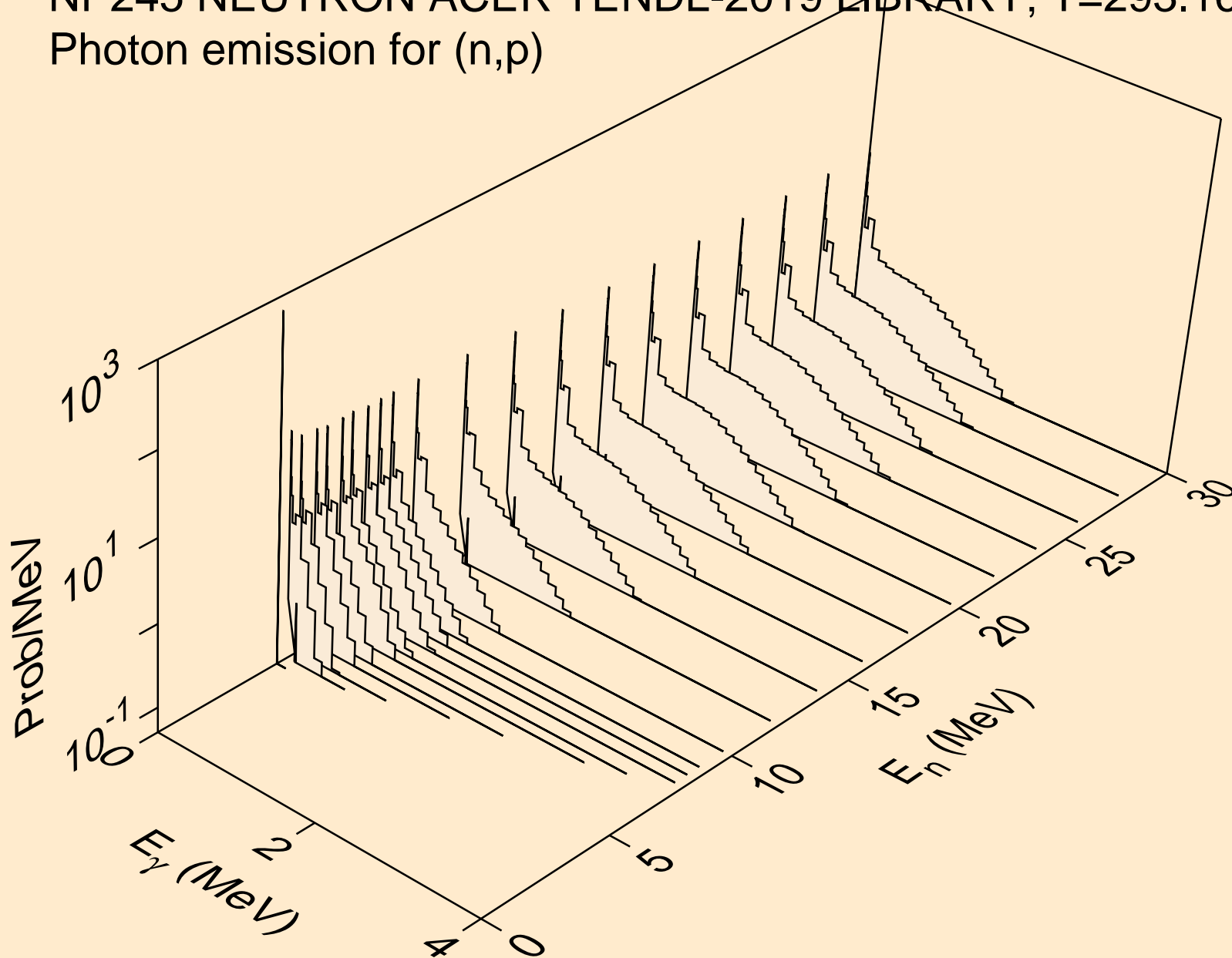
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Photon emission for (n,n\*c)



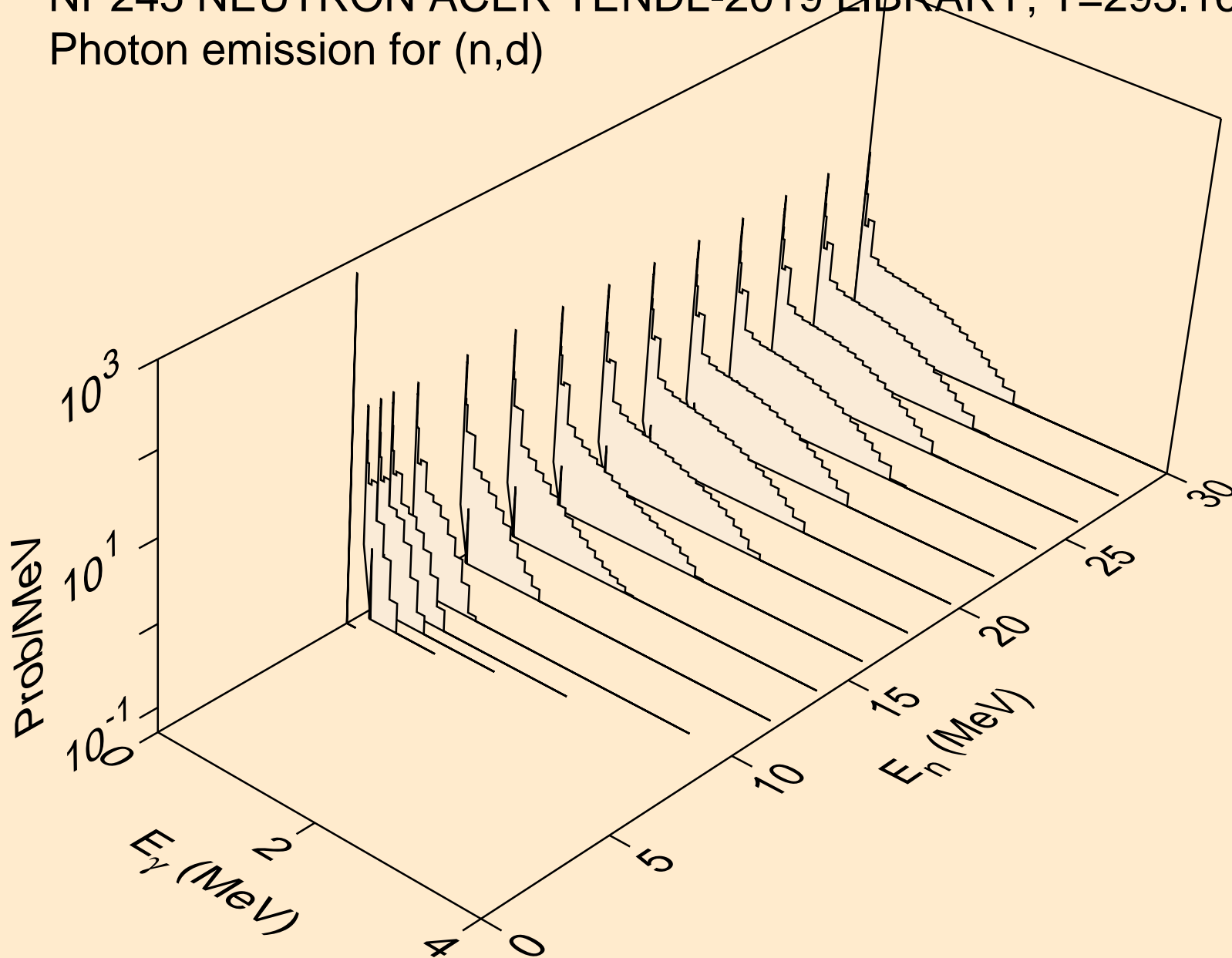
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Photon emission for (n,gma)



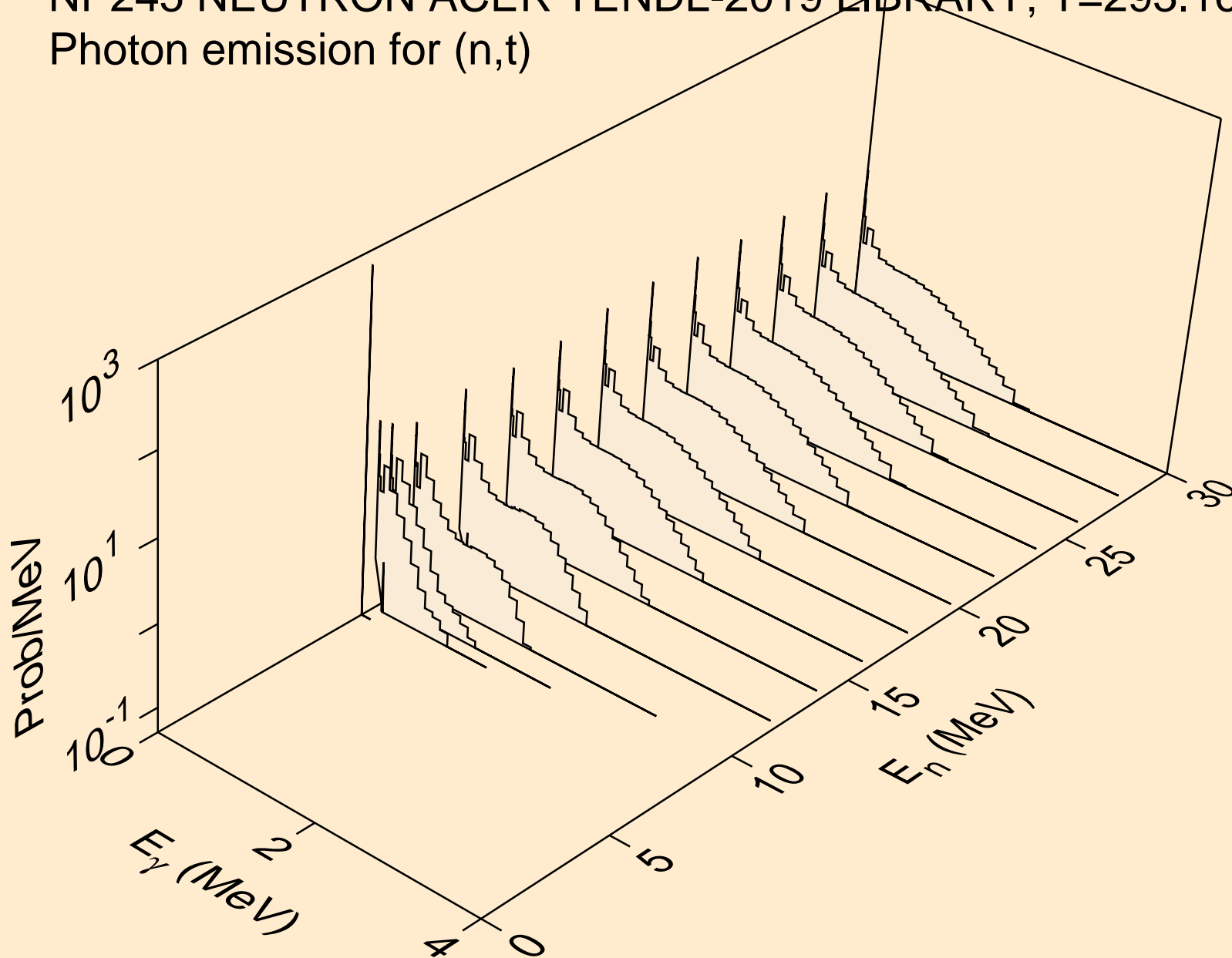
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Photon emission for (n,p)



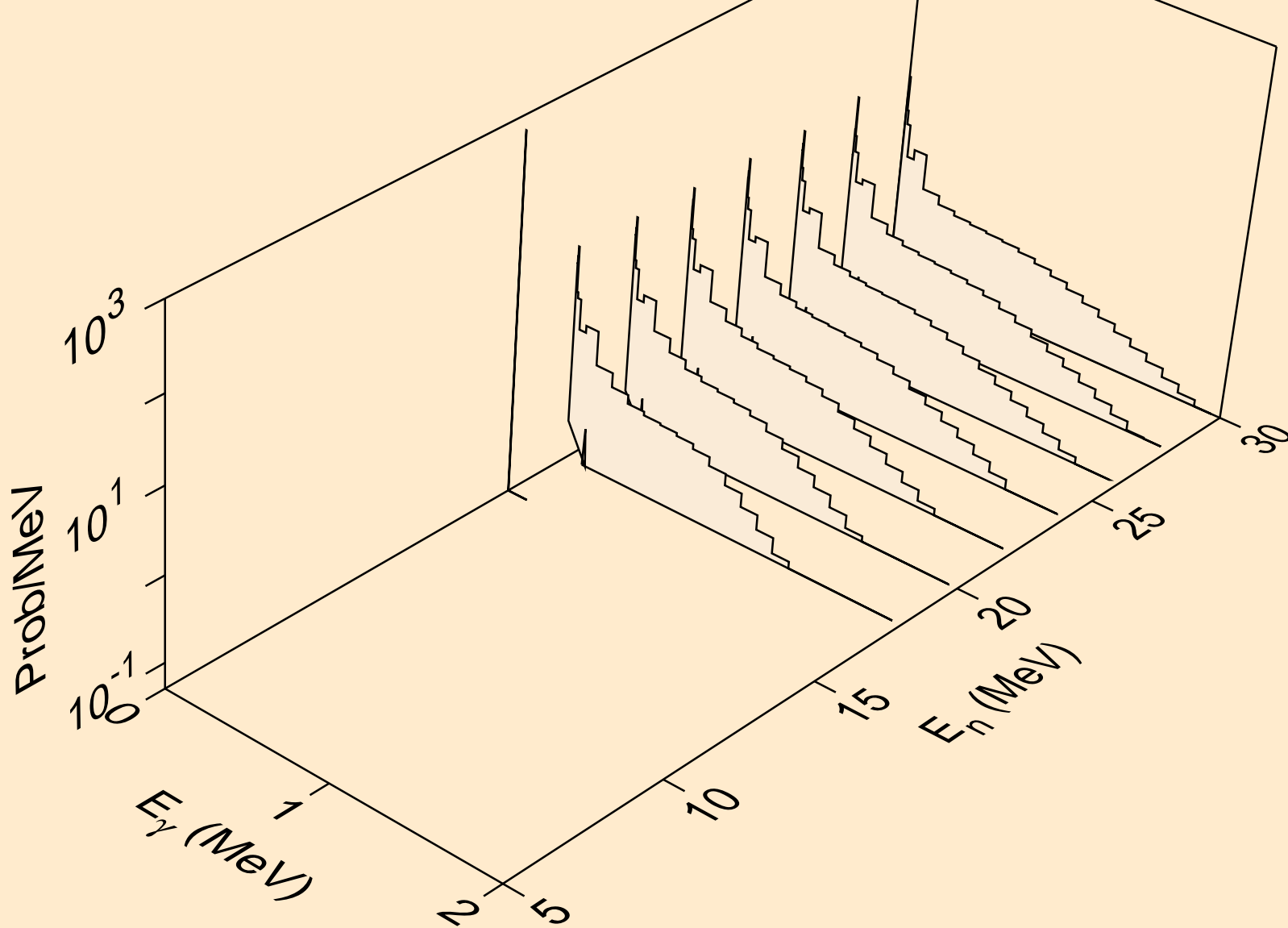
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

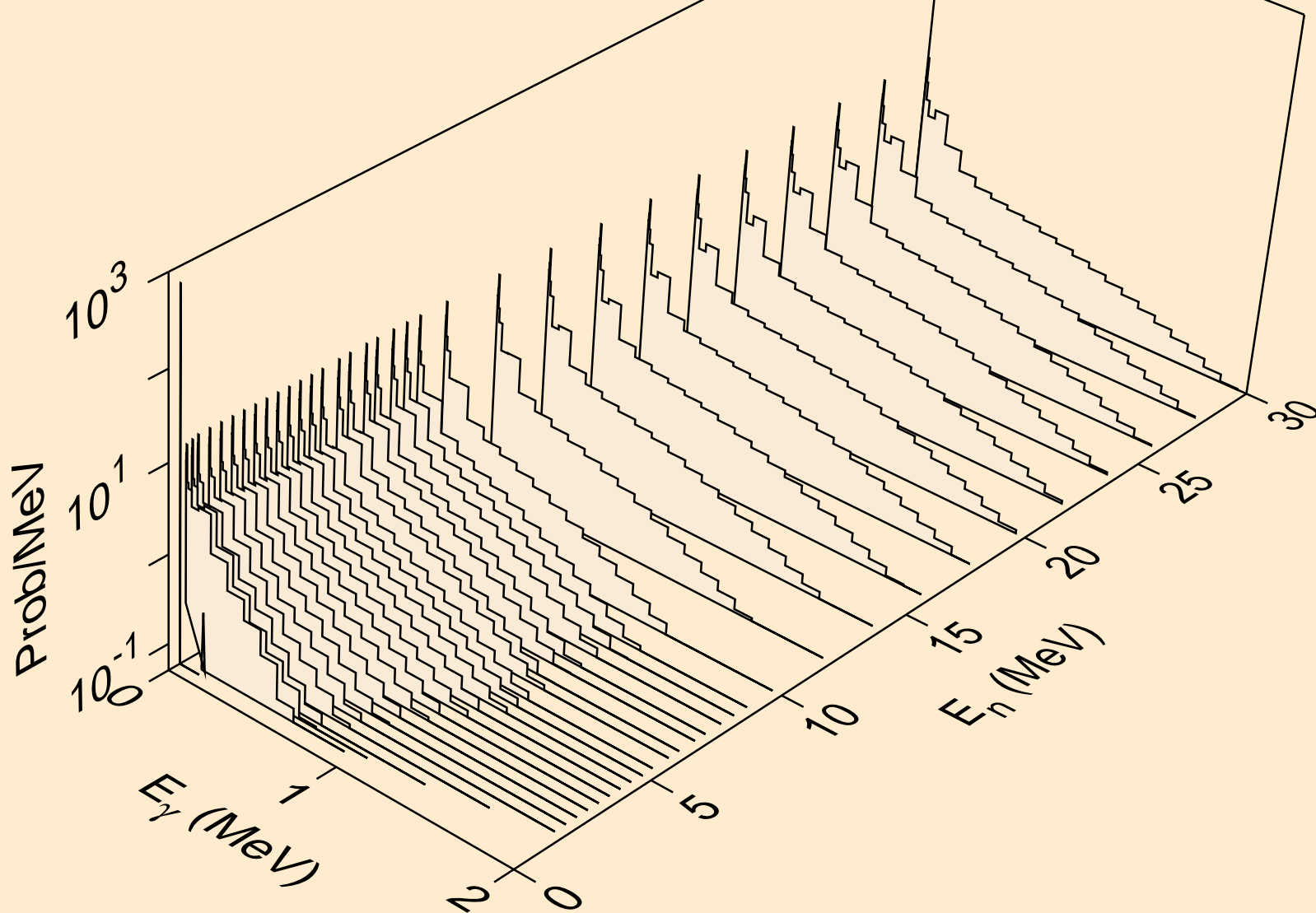


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Photon emission for (n,he3)

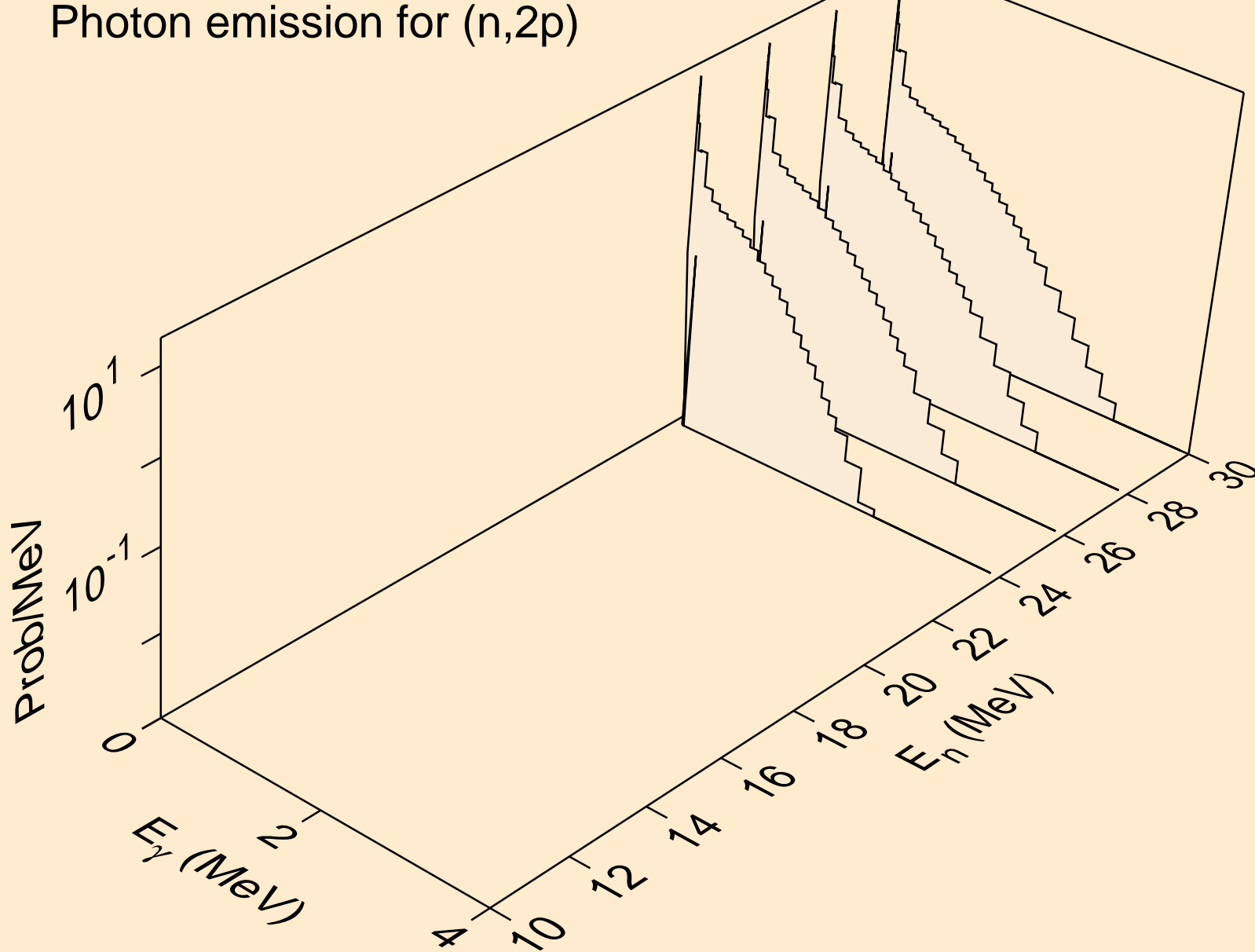




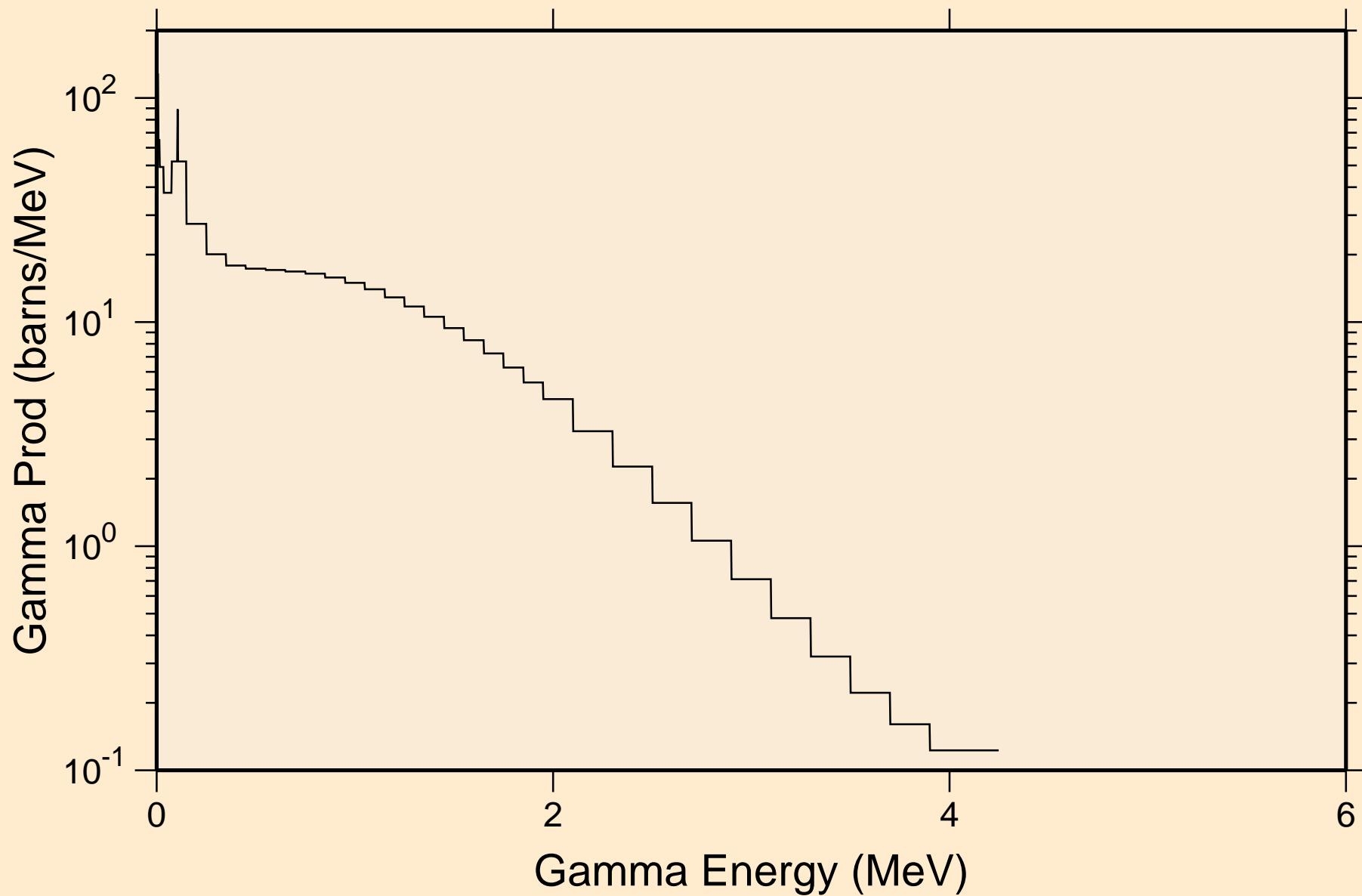
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Photon emission for (n,a)



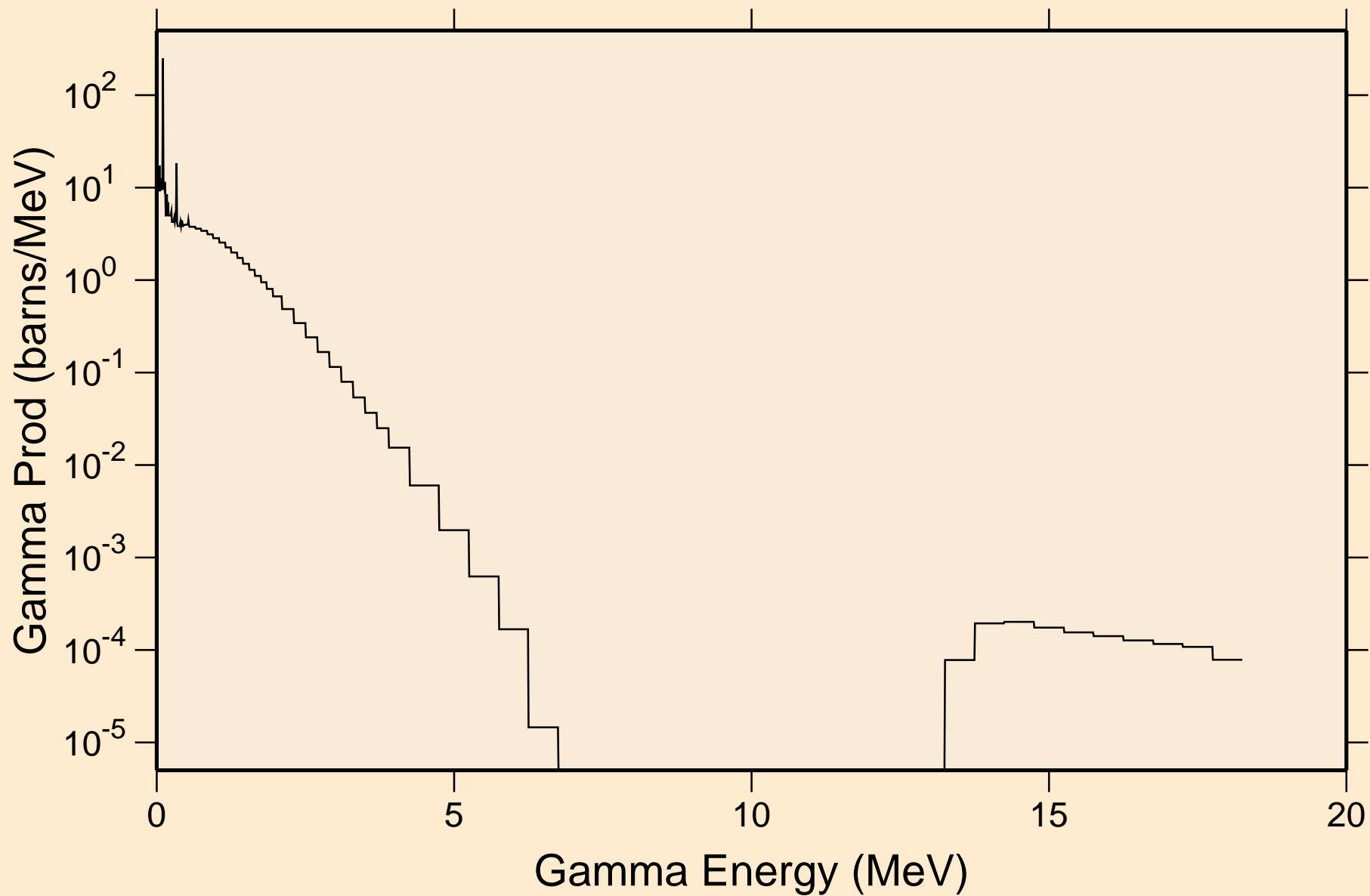
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

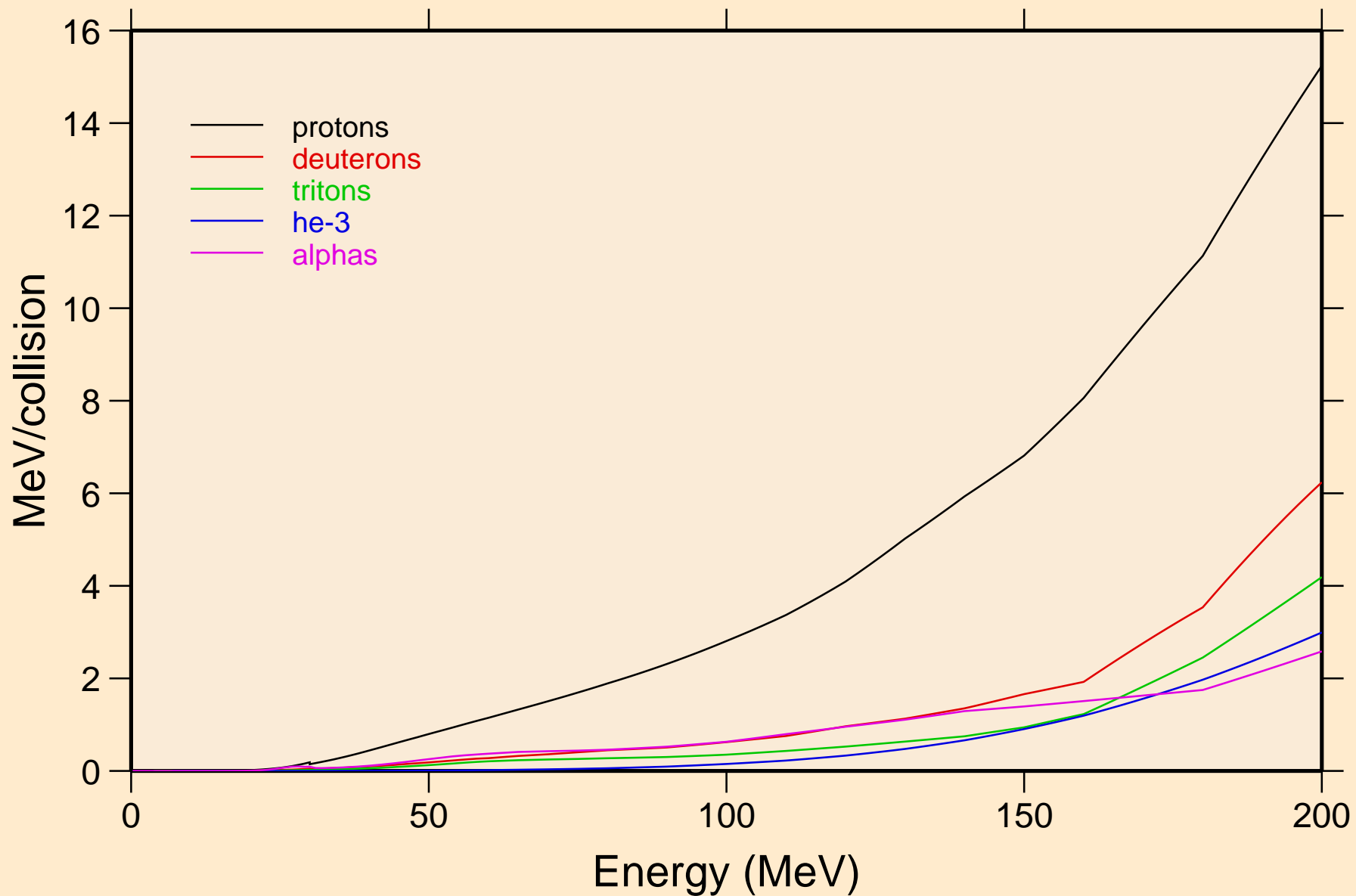


NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

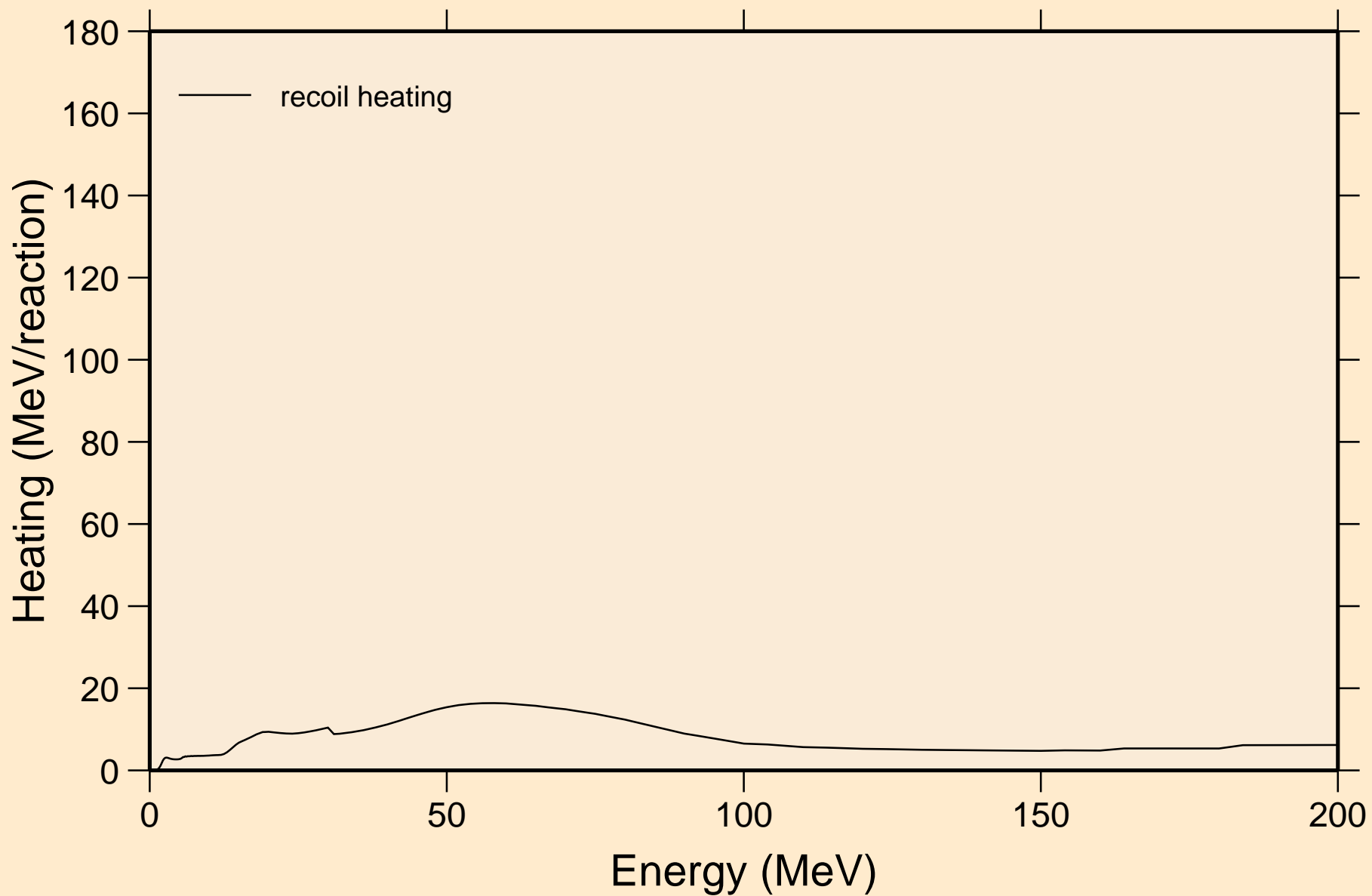


# NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

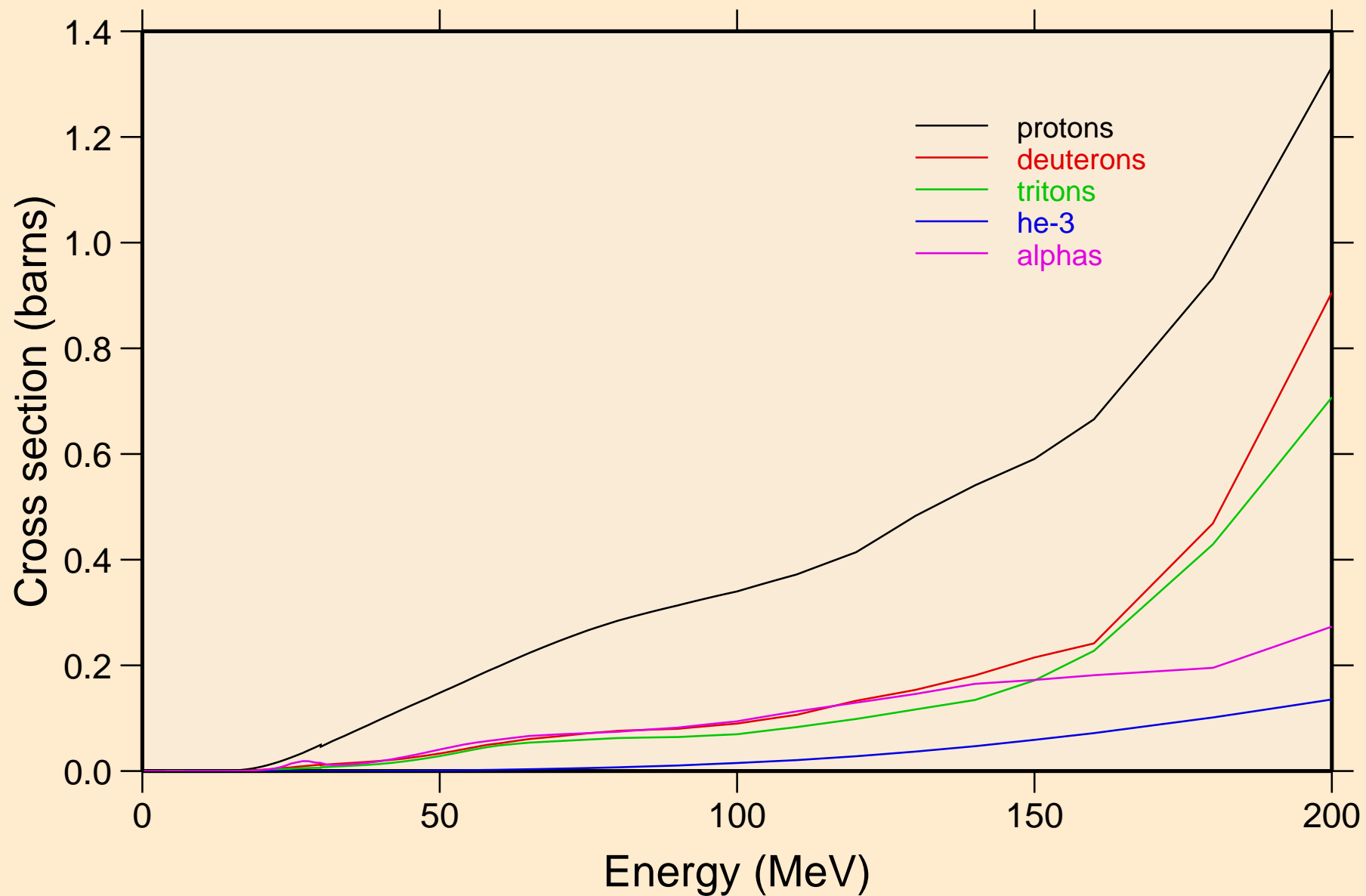
## Particle heating contributions



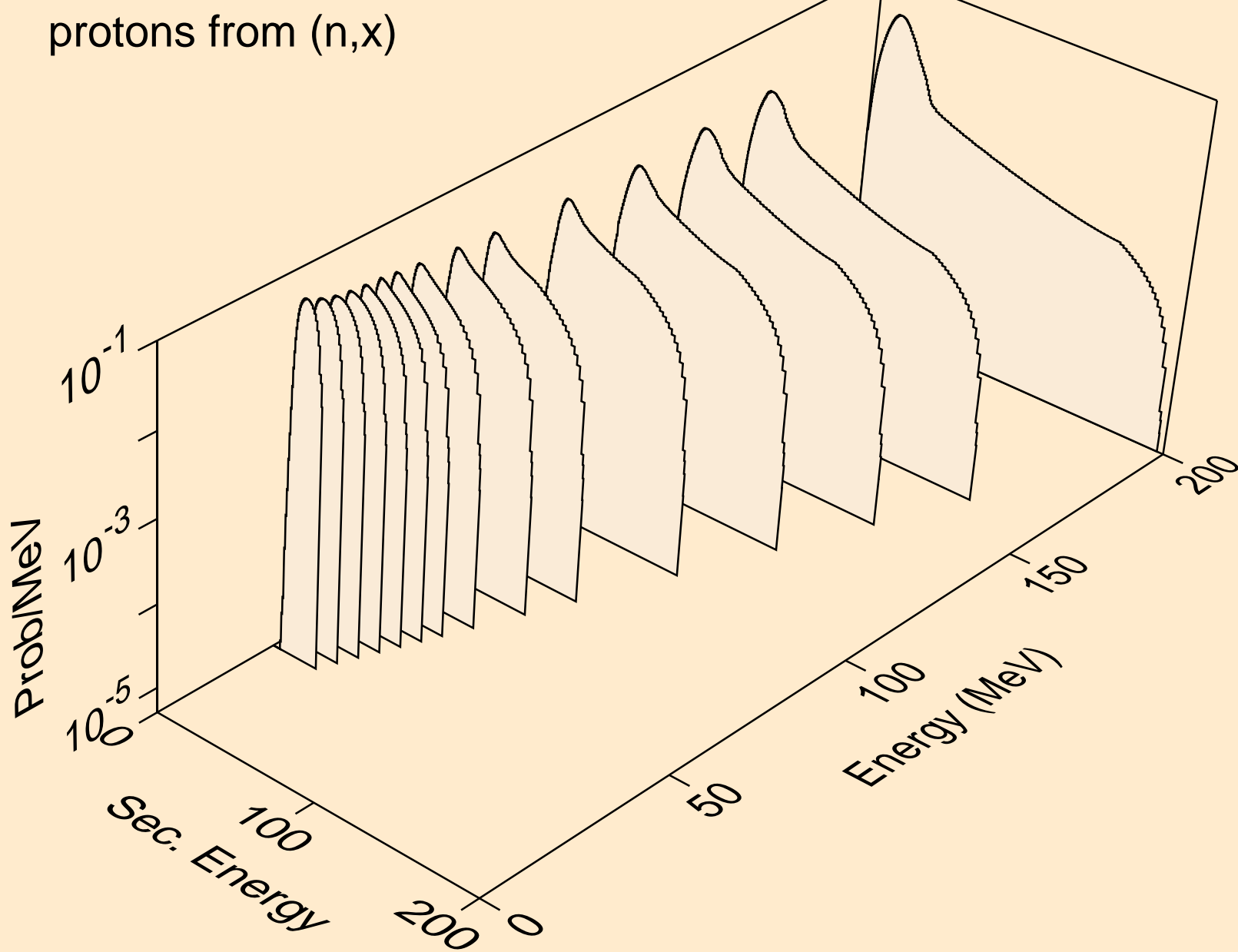
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections

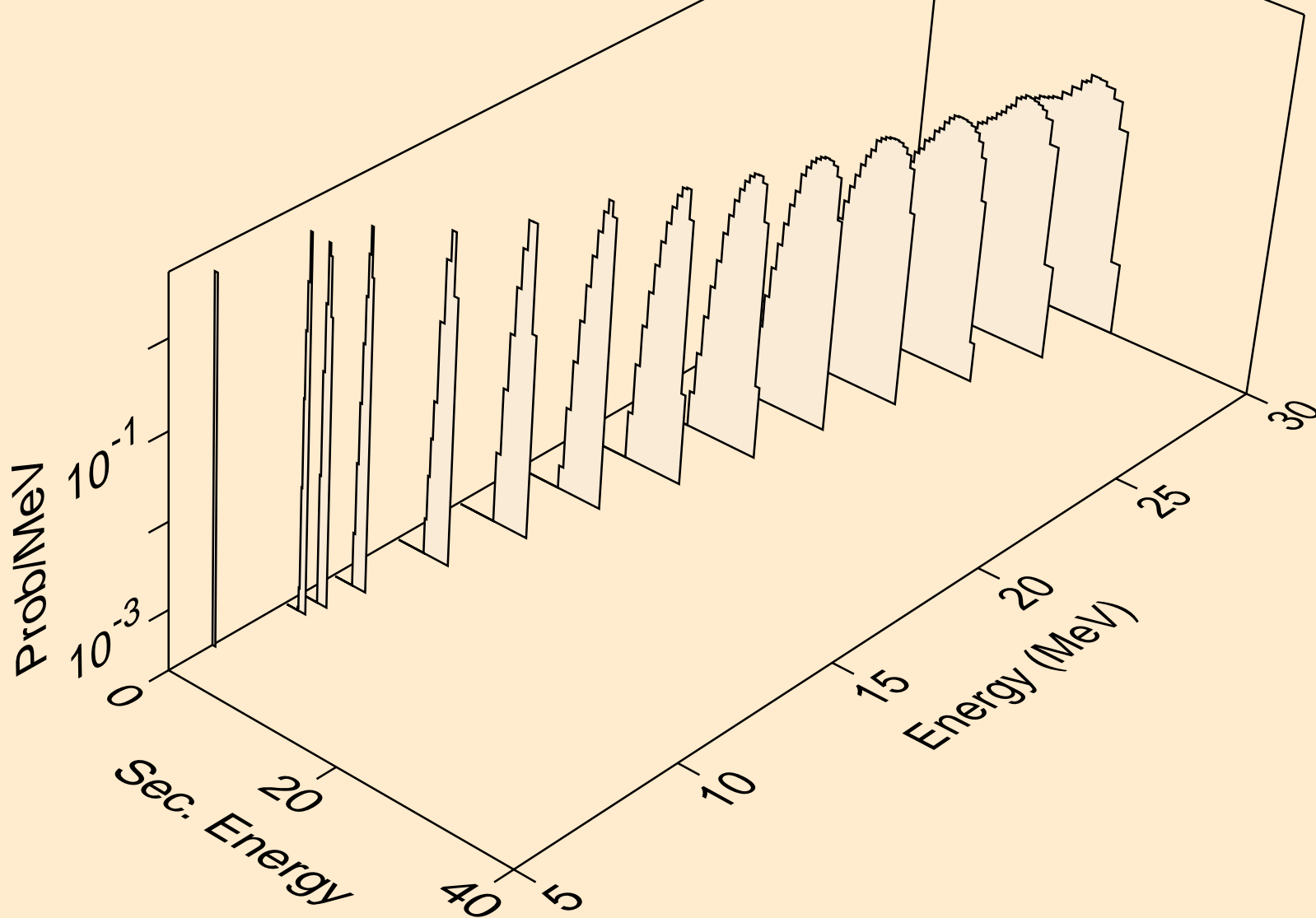


NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)

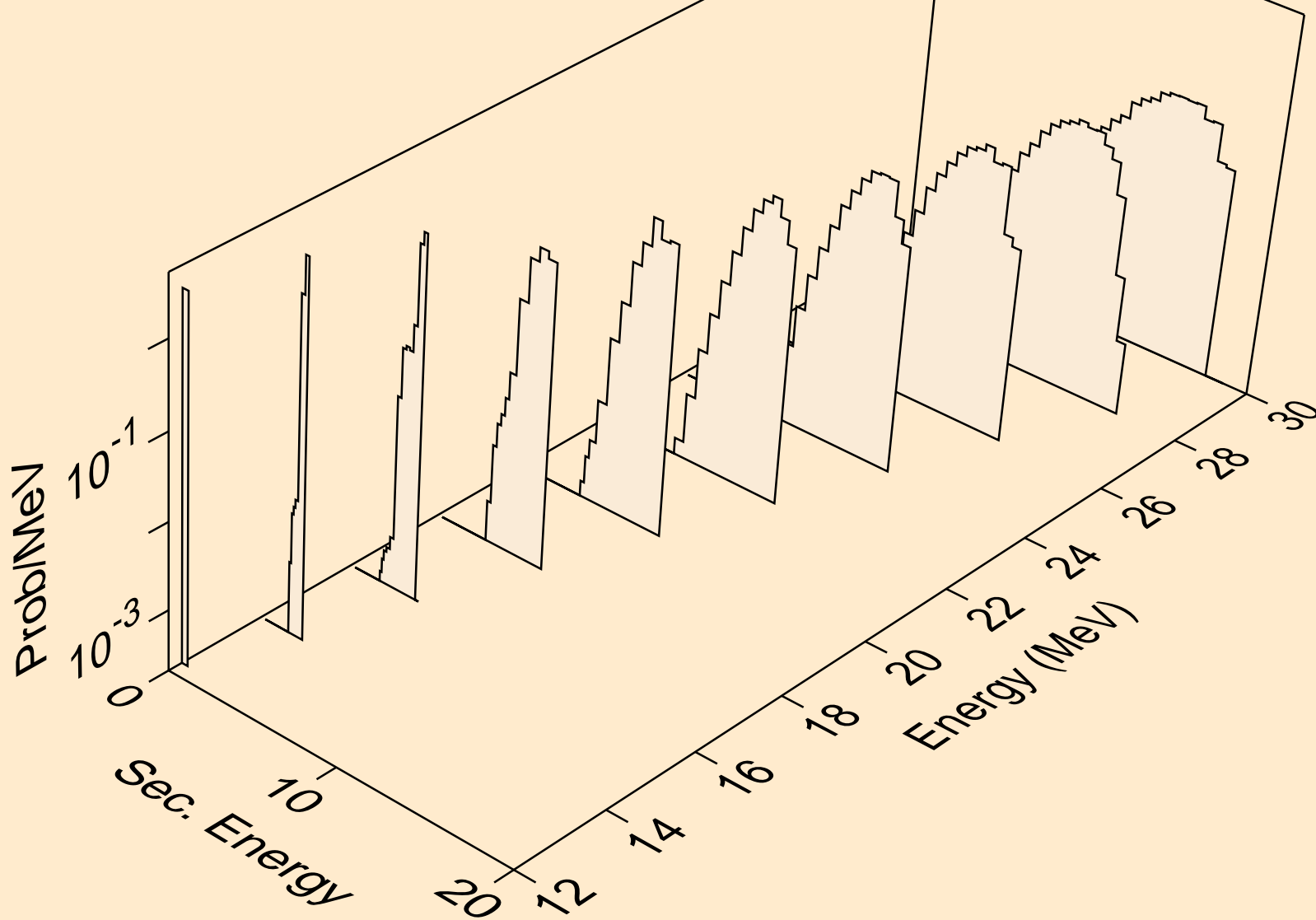




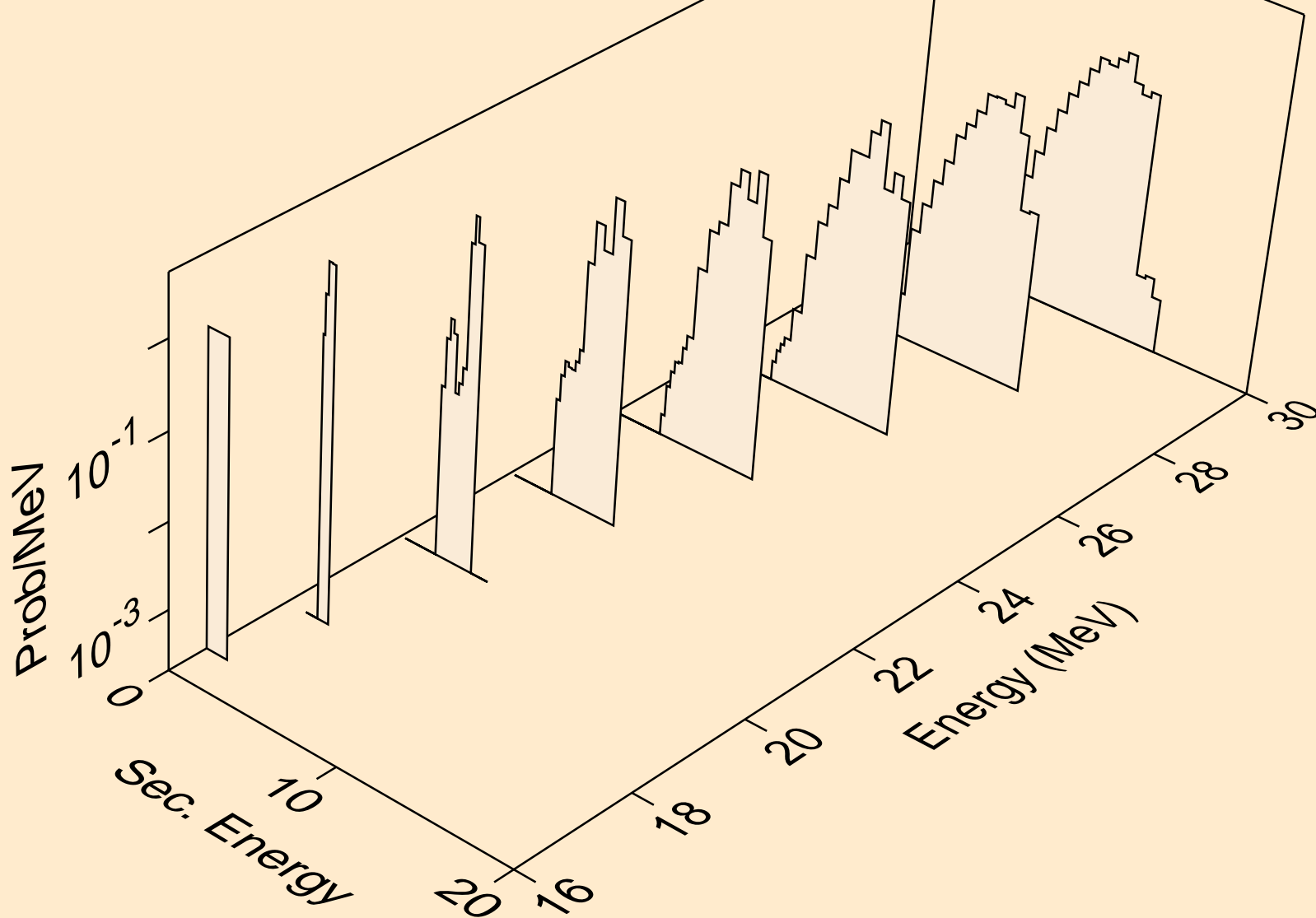
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



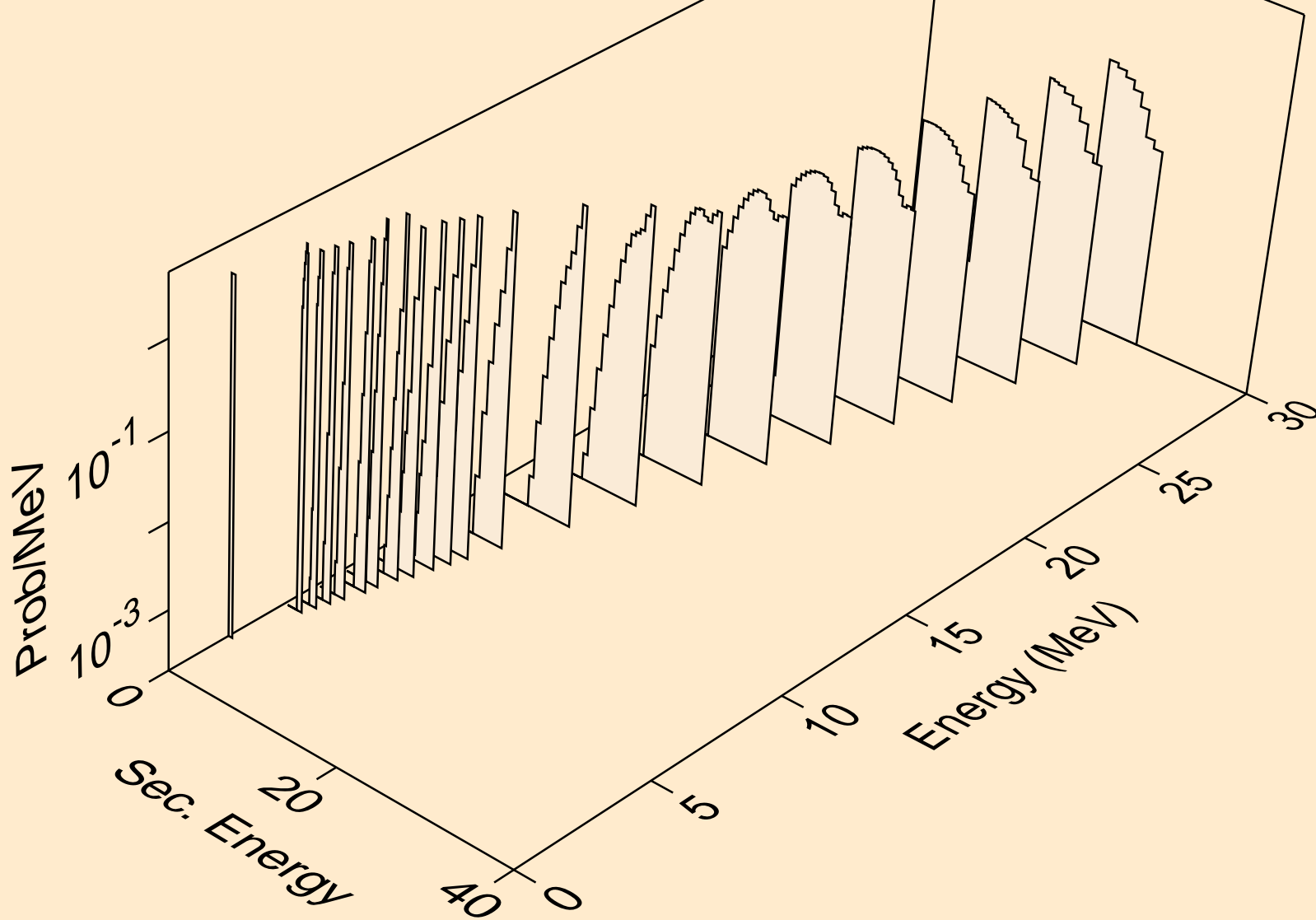
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



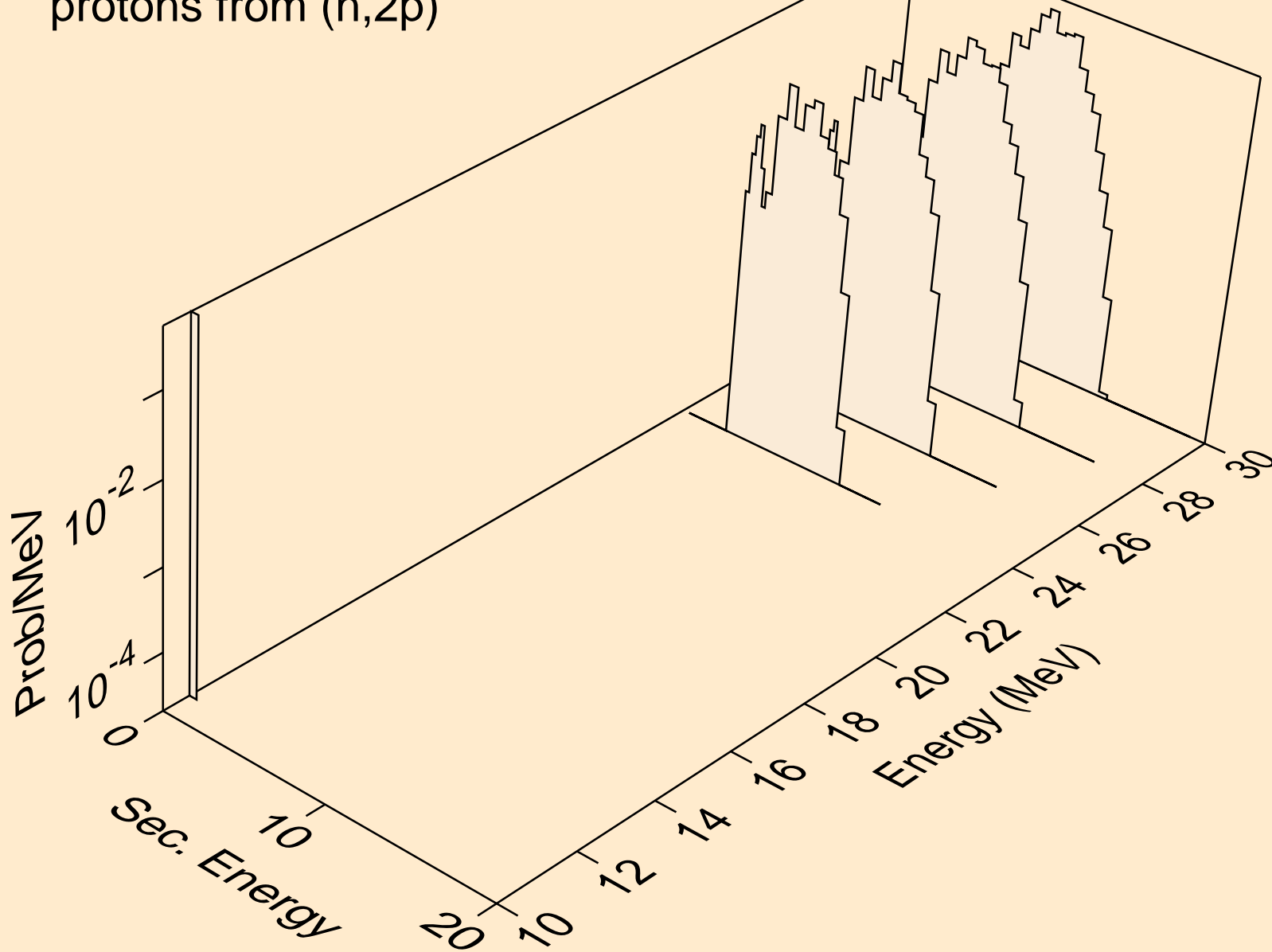
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



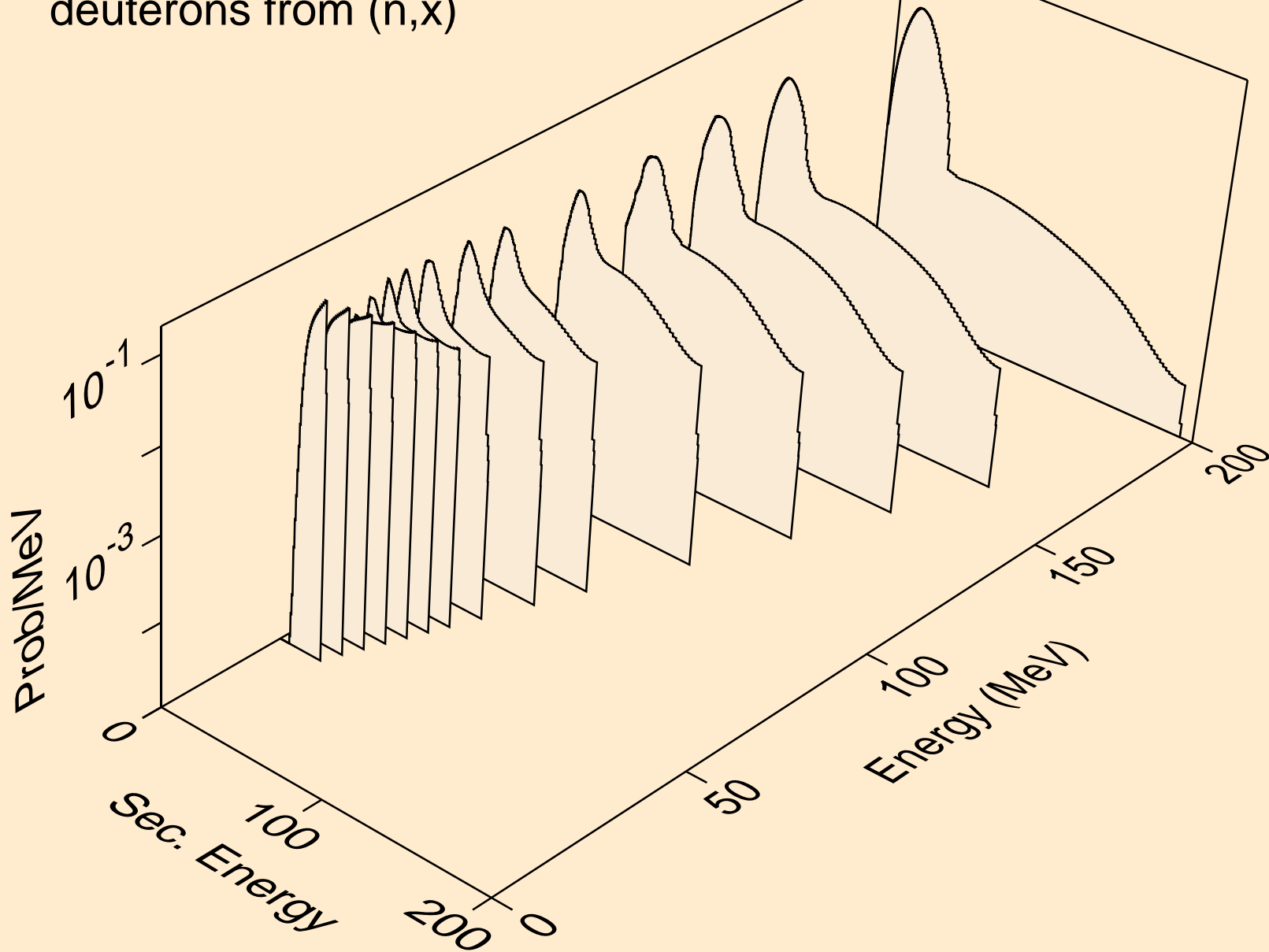
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



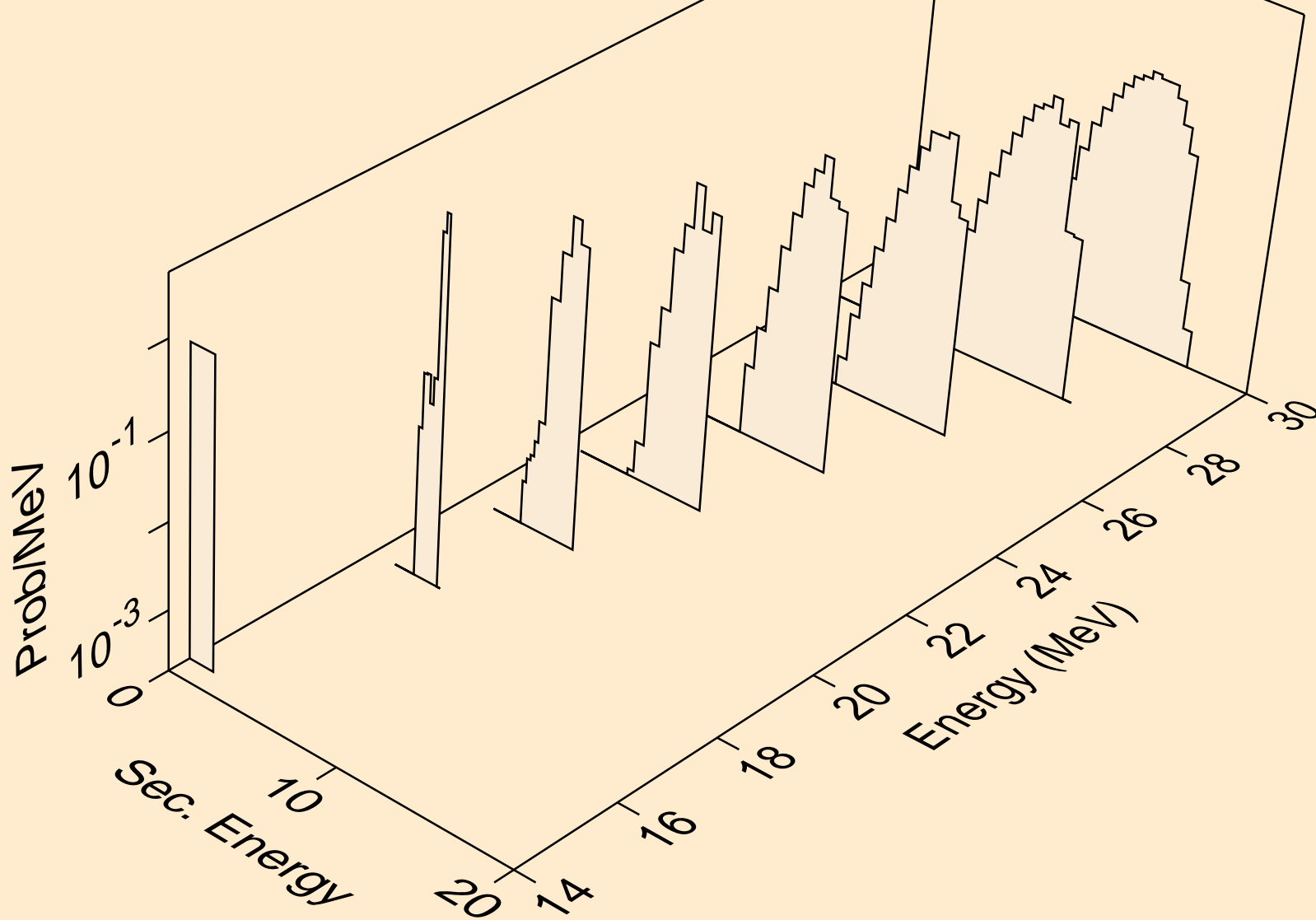
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



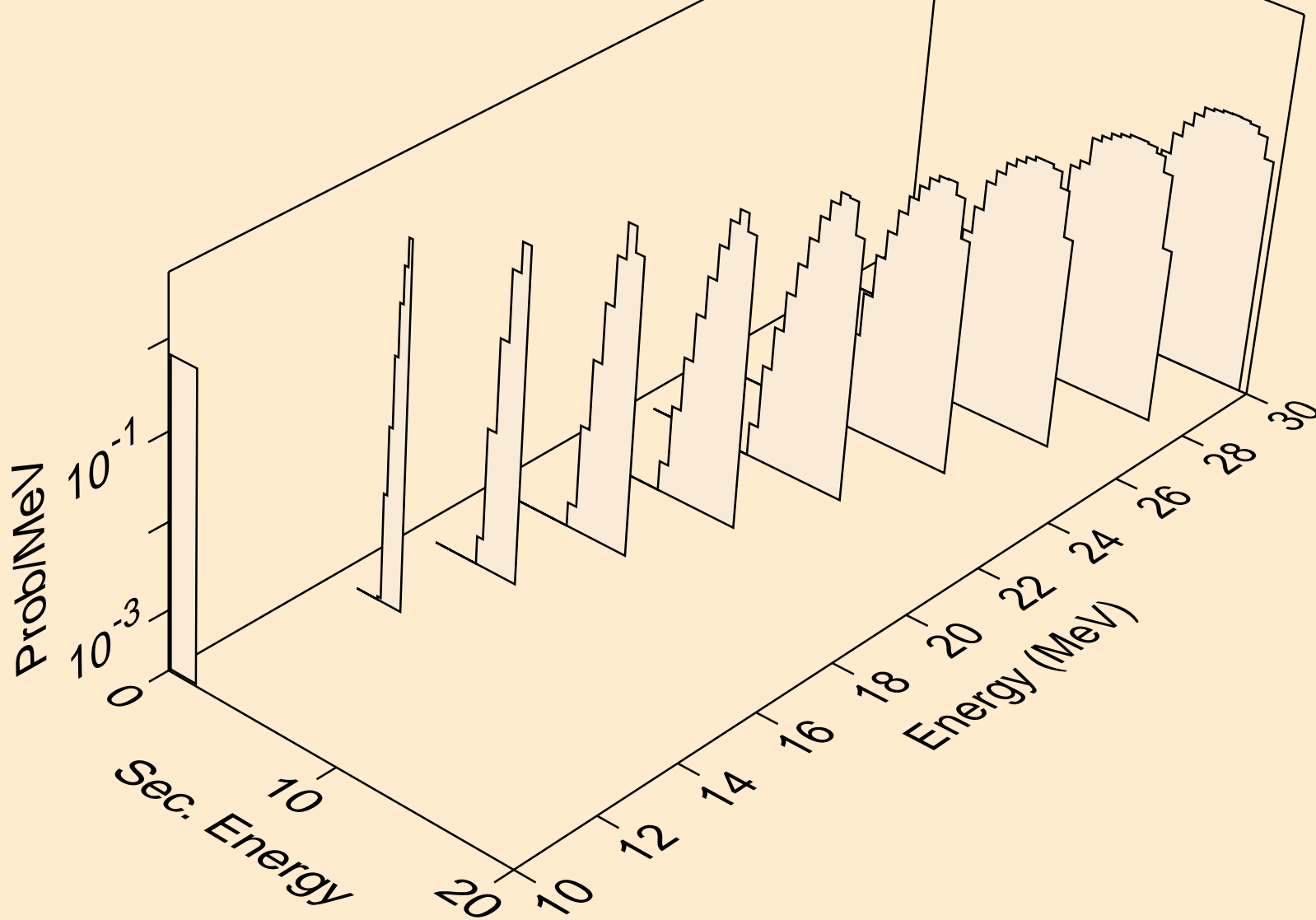
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)

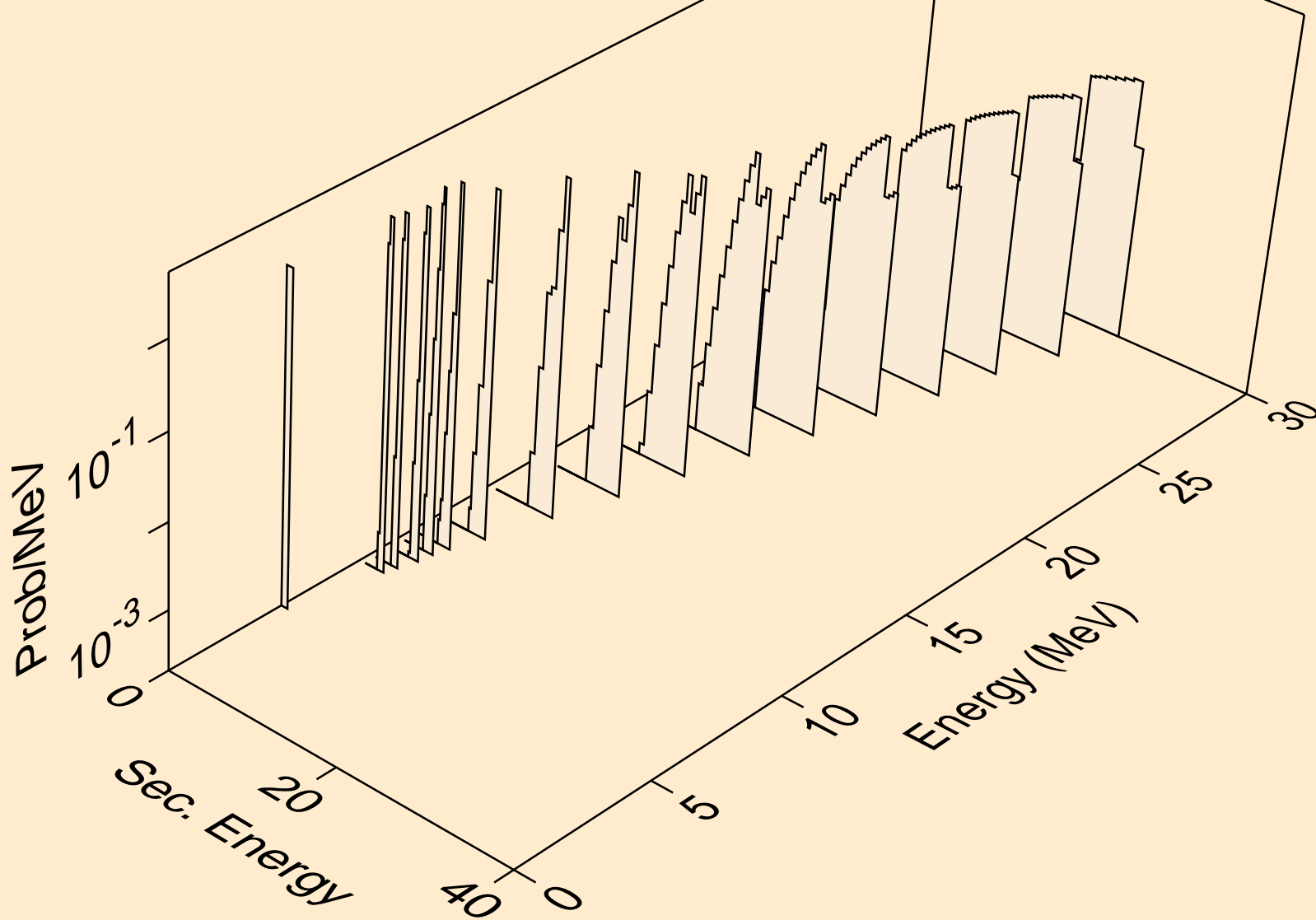


NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d

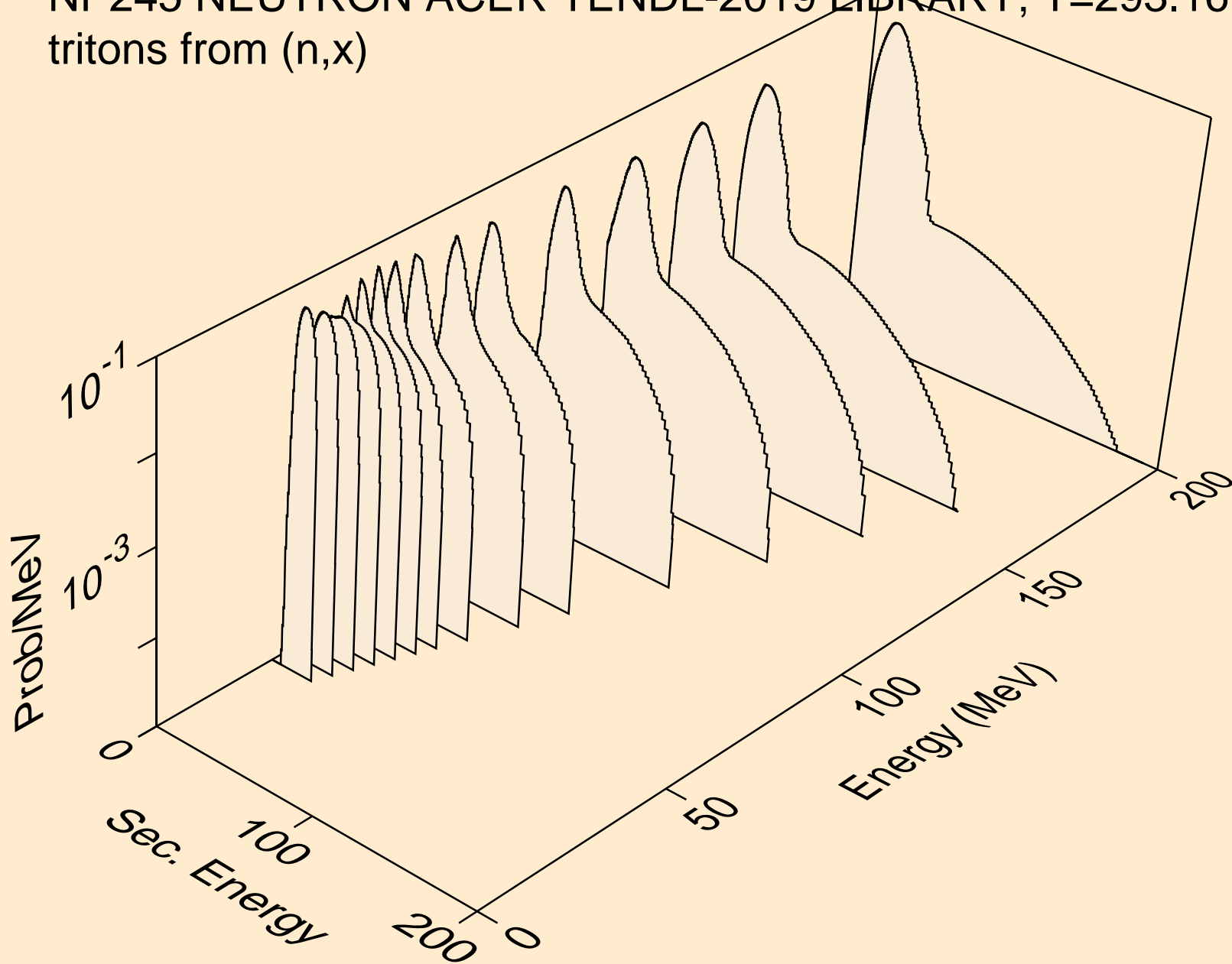




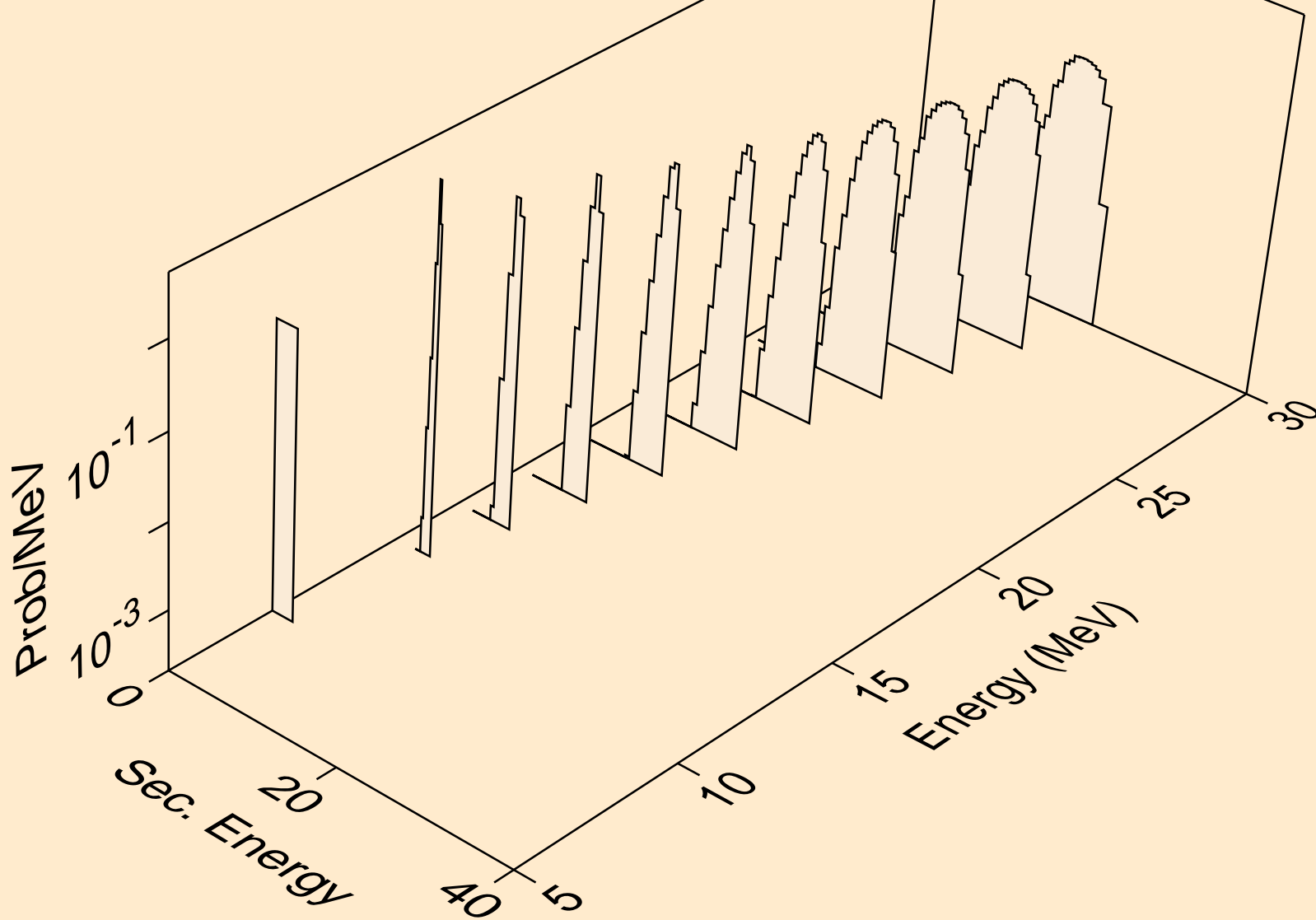
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



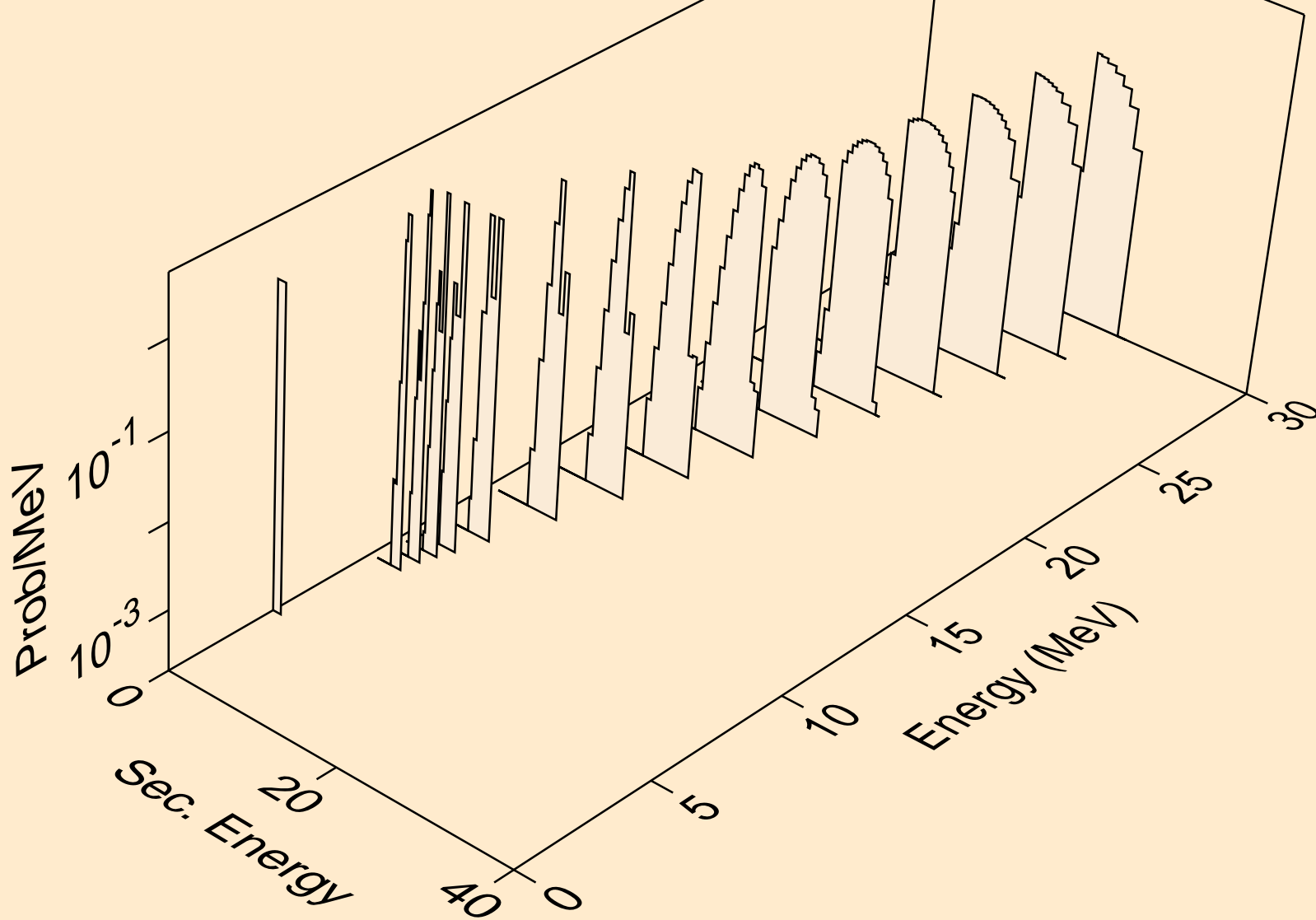
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



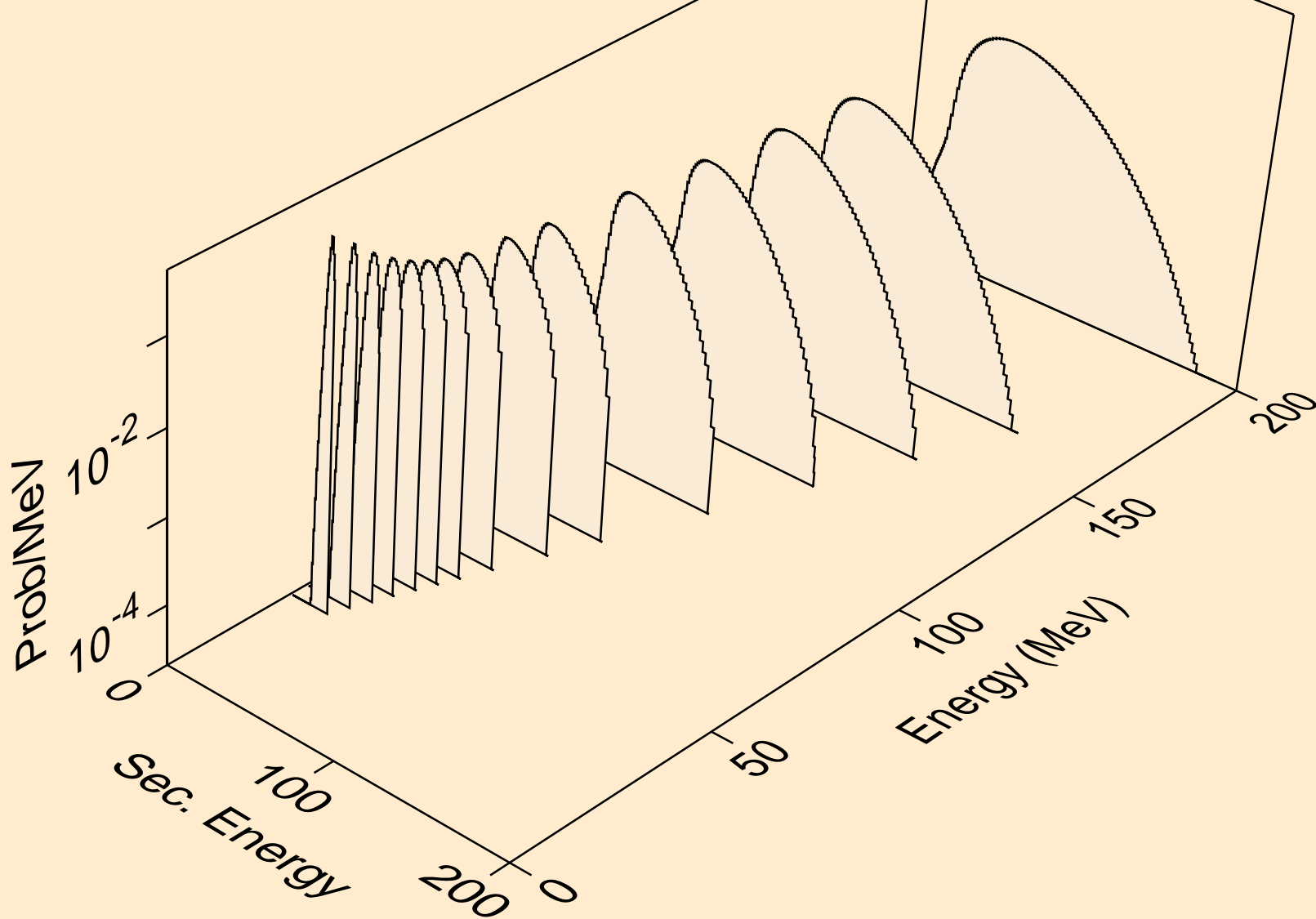
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



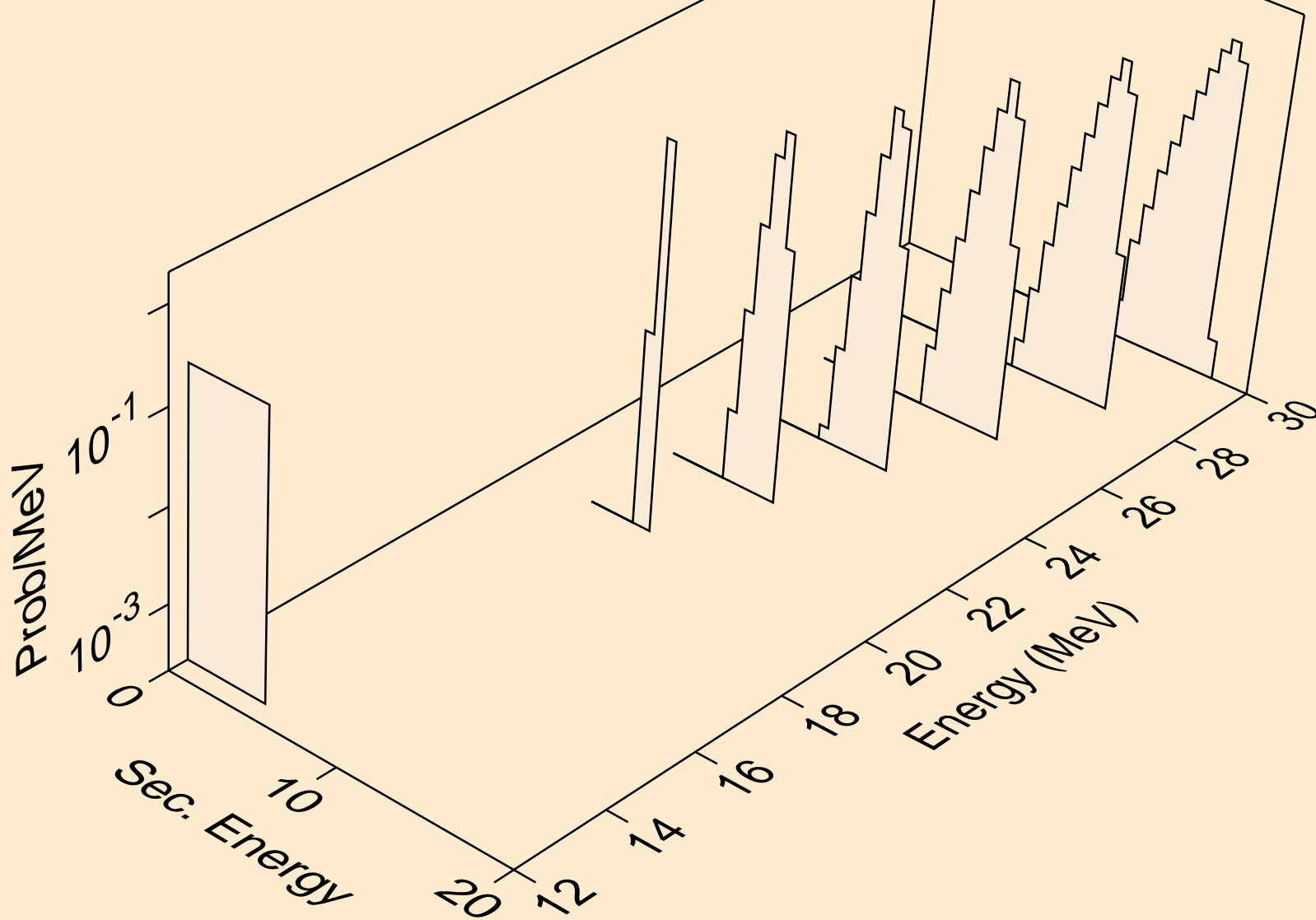
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tritons from (n,t)



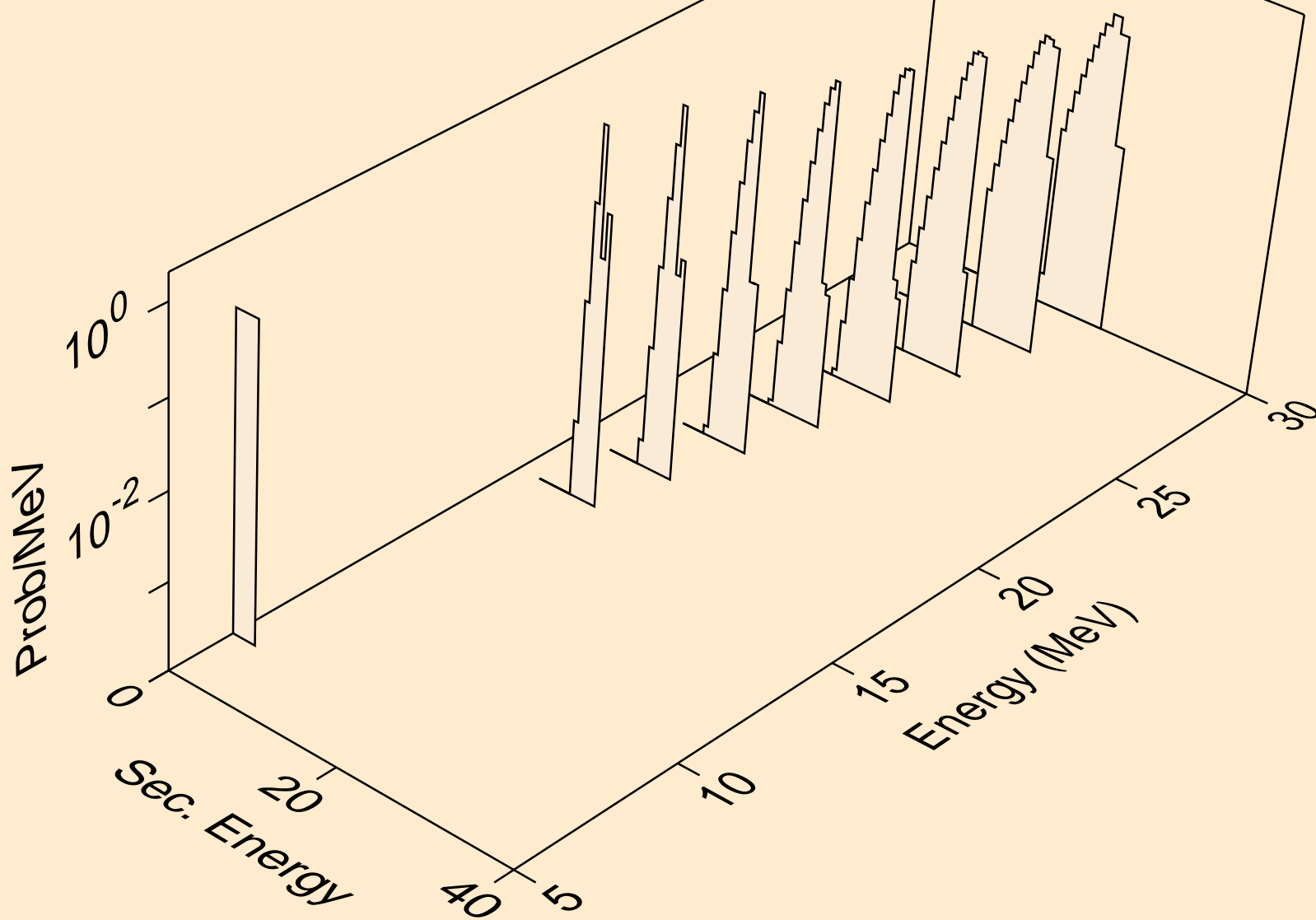
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



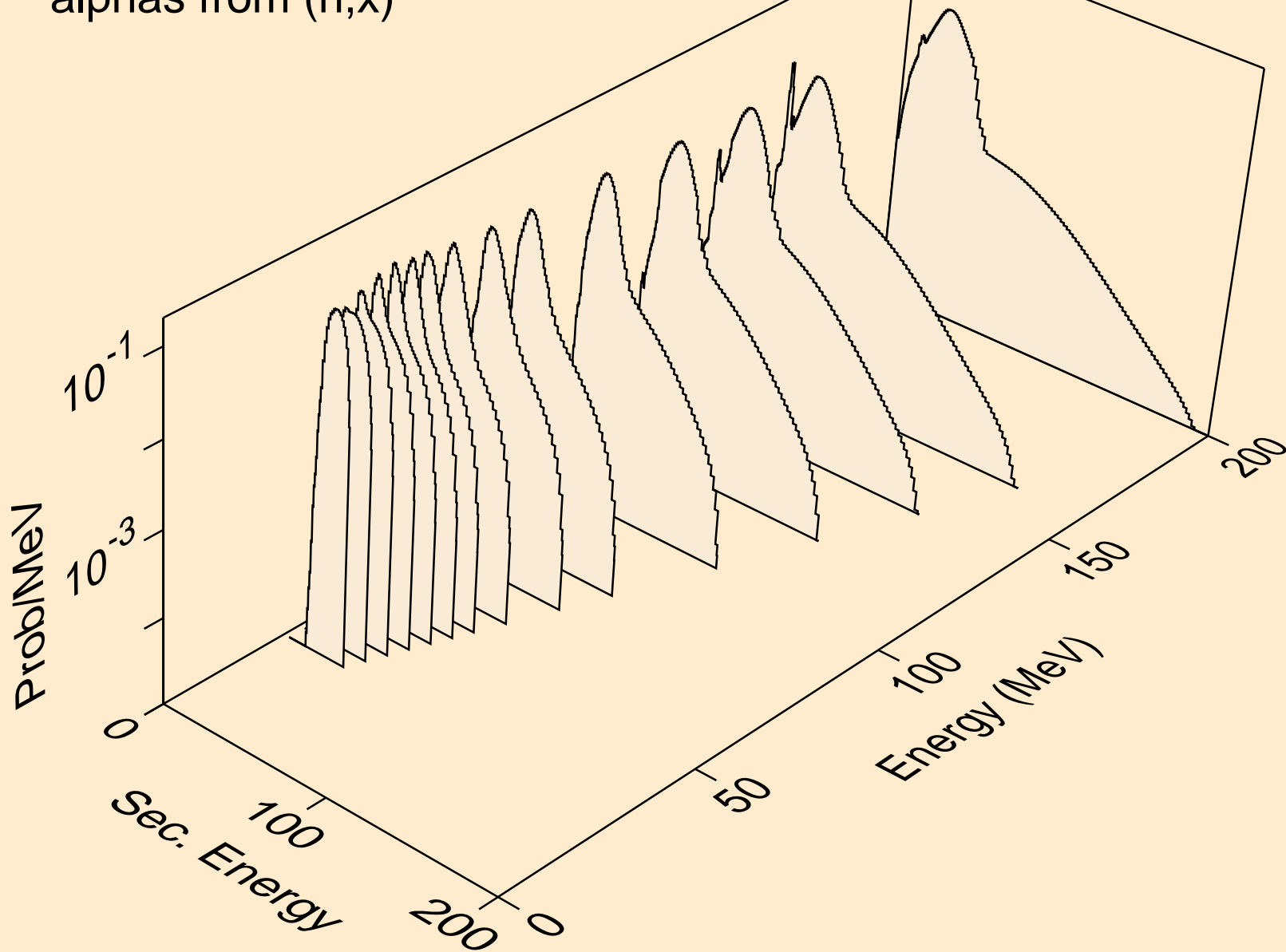
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)

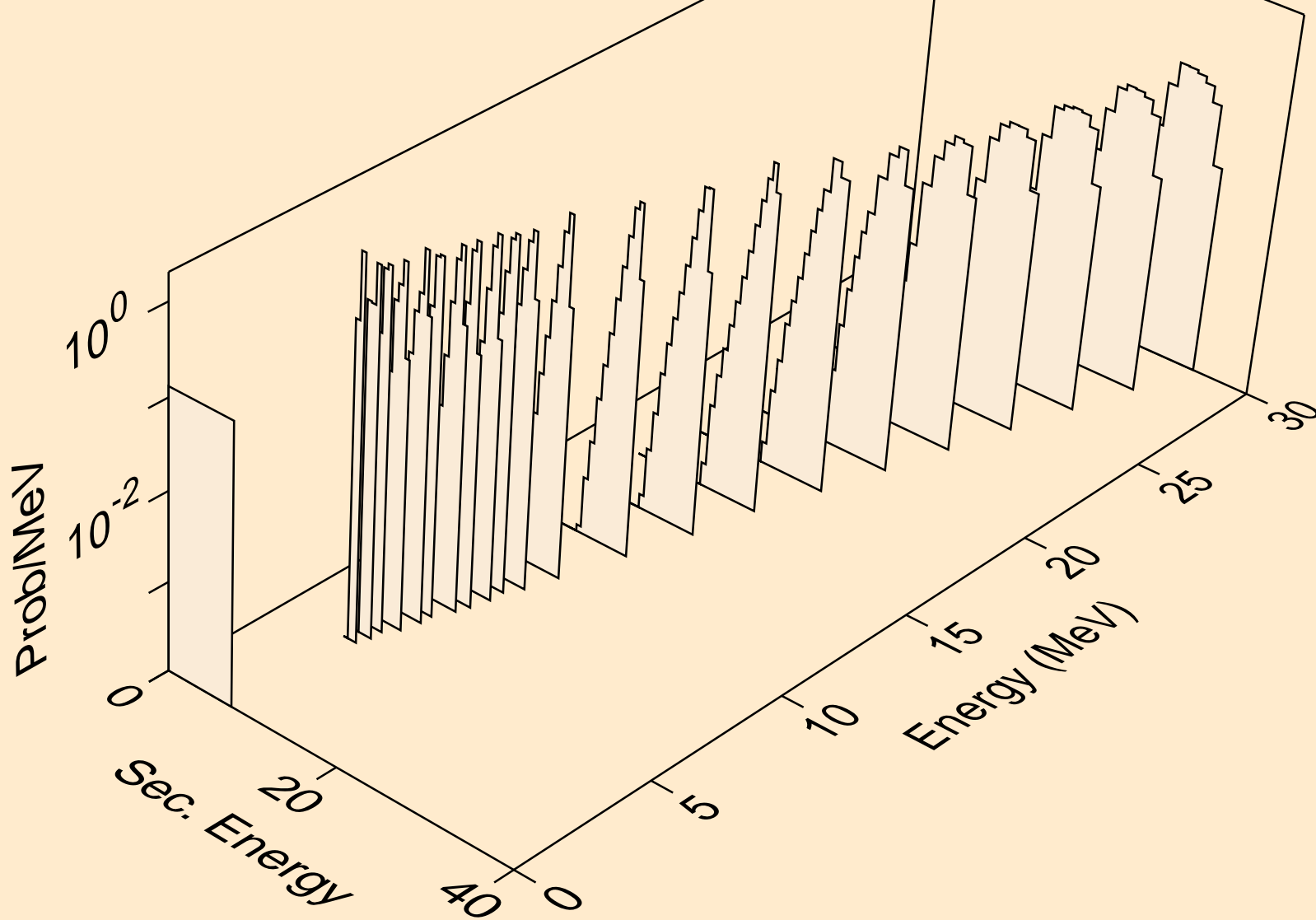


NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)

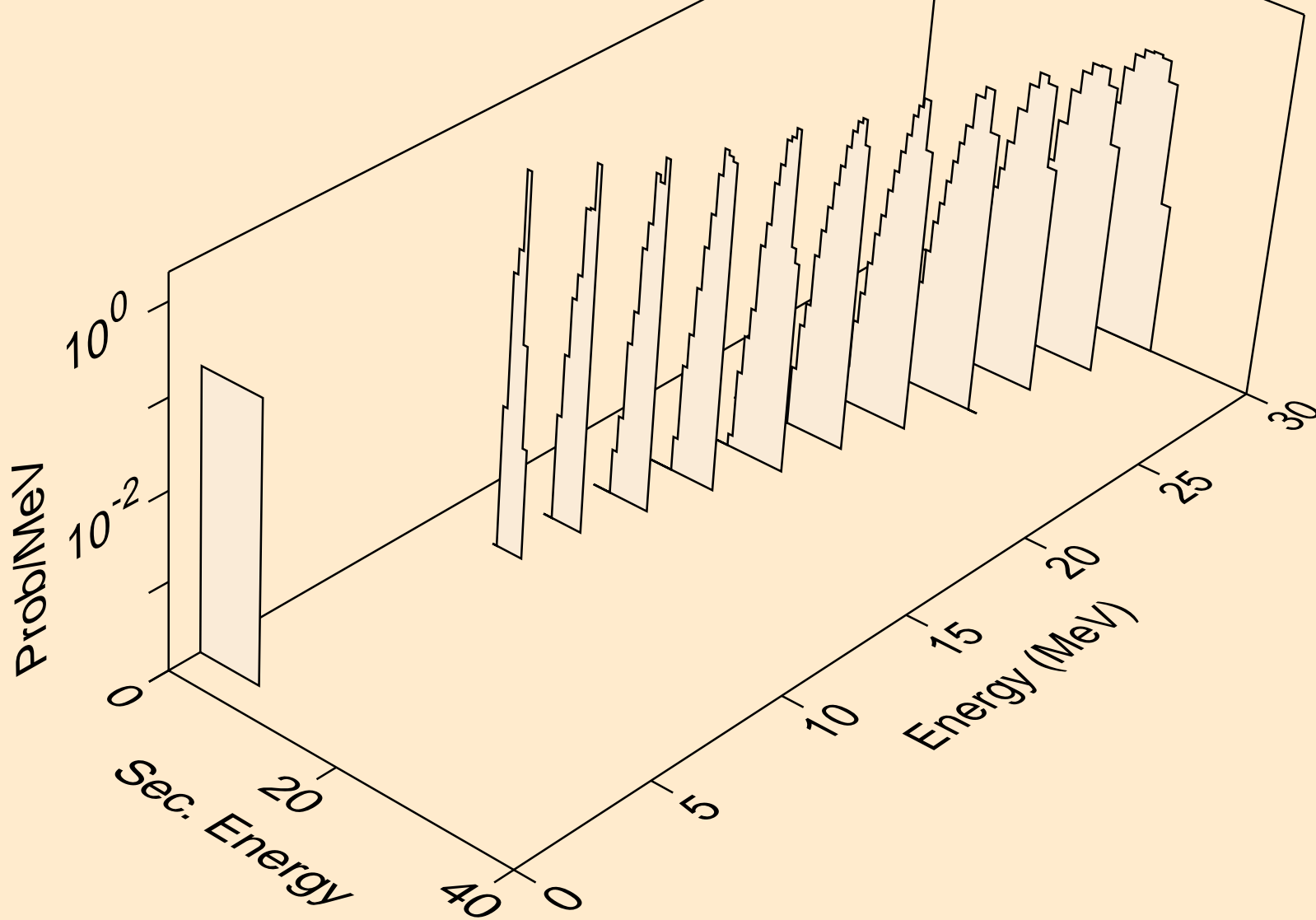




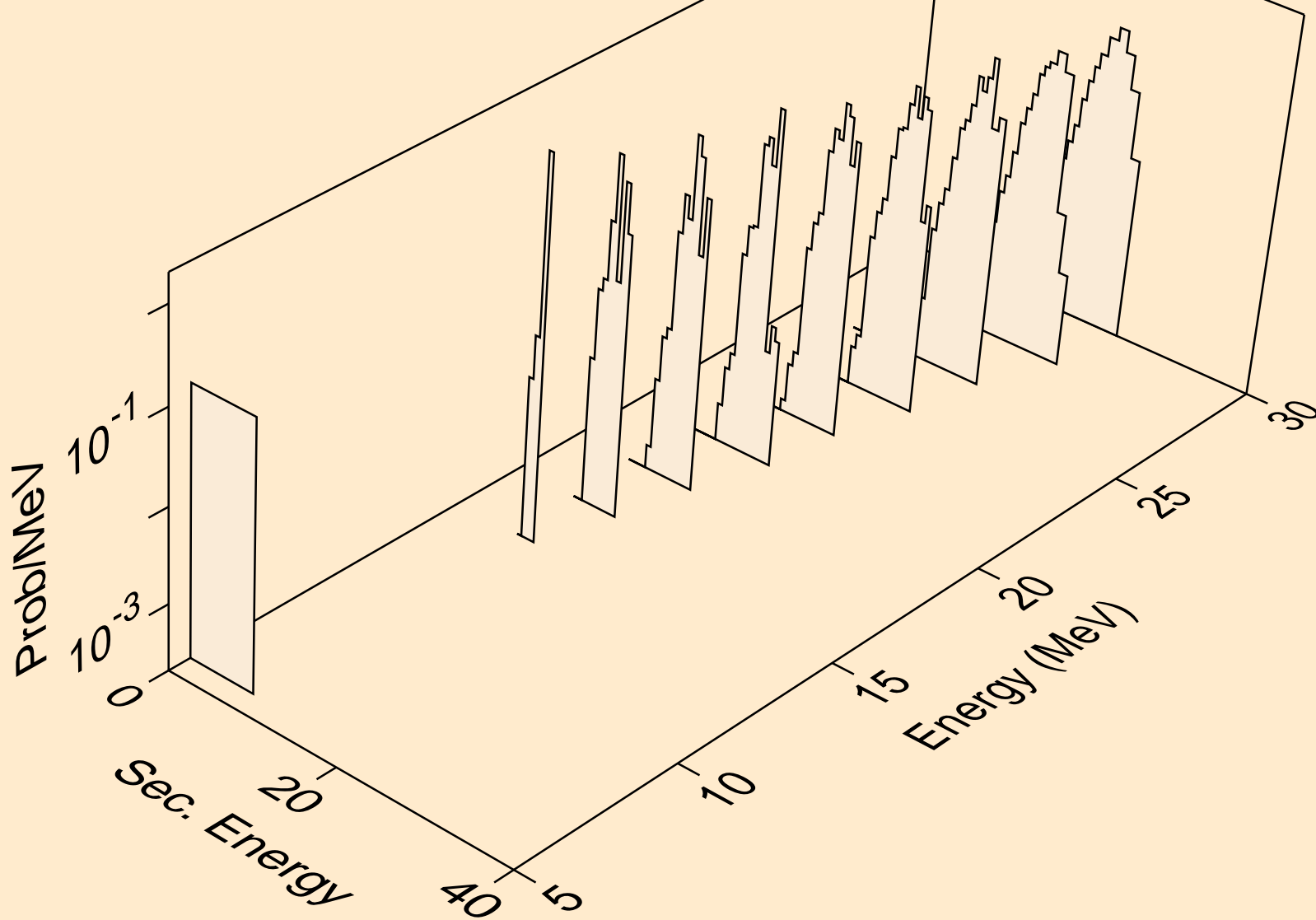
NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



NP245 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

