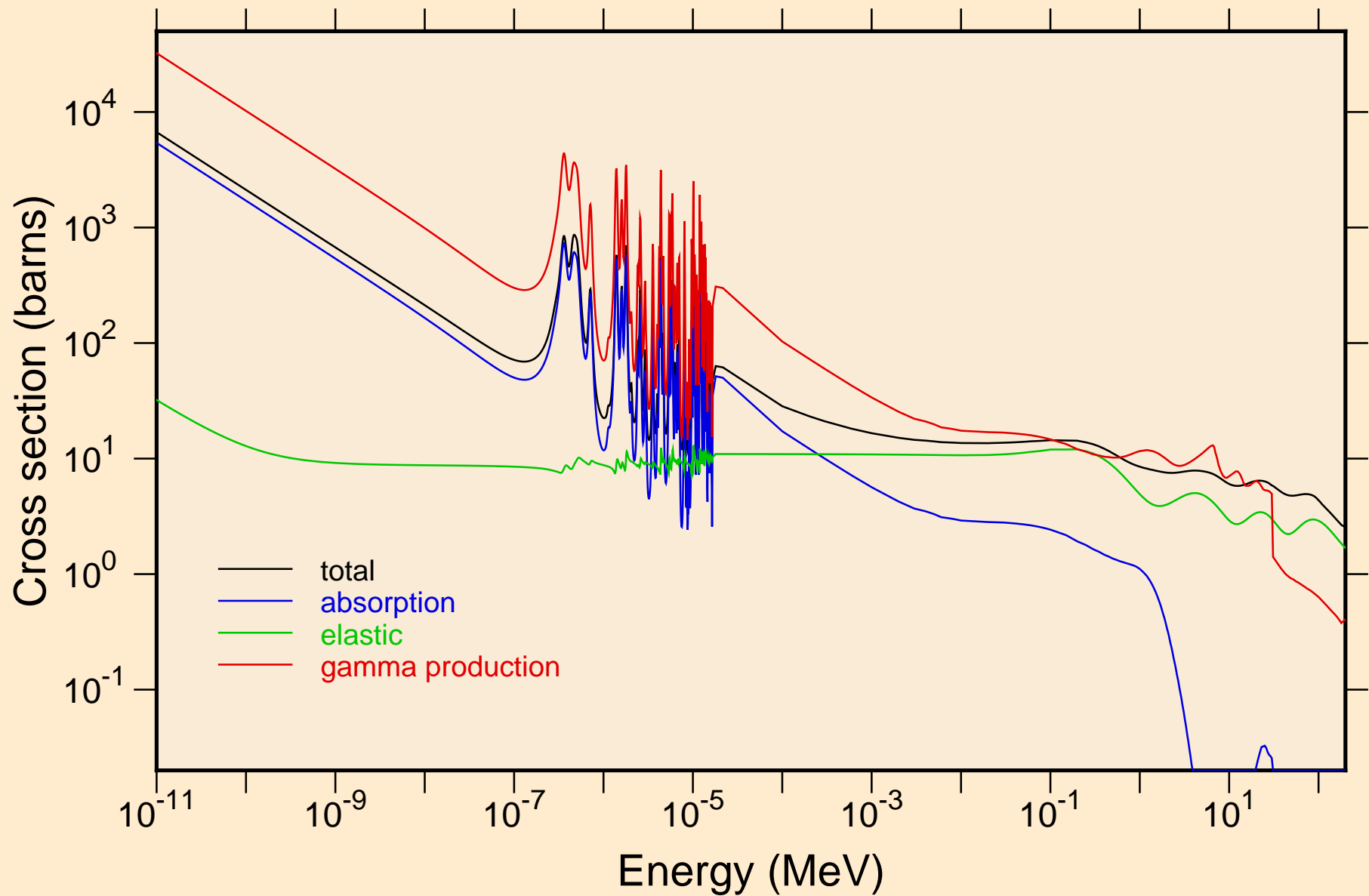
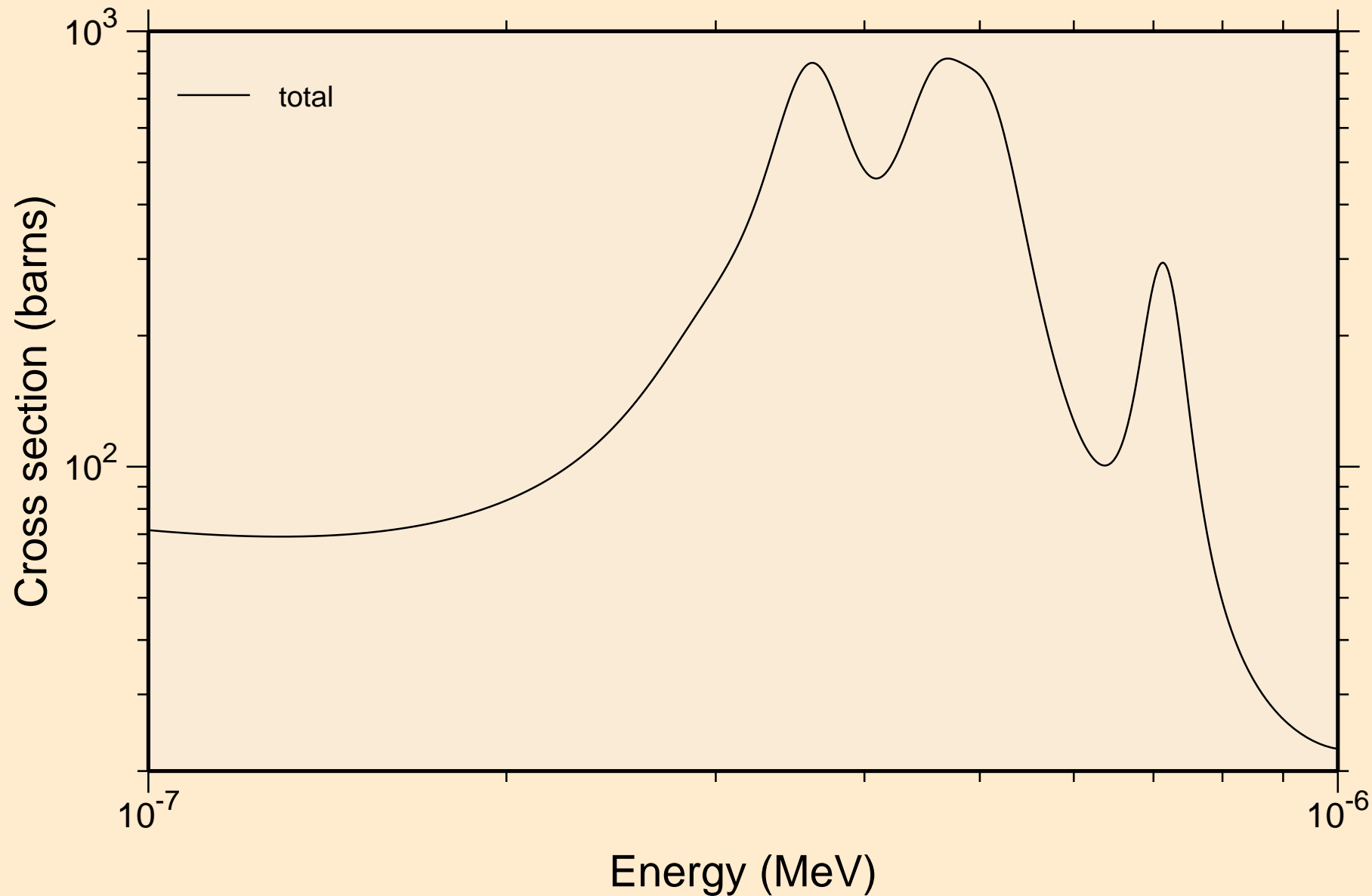


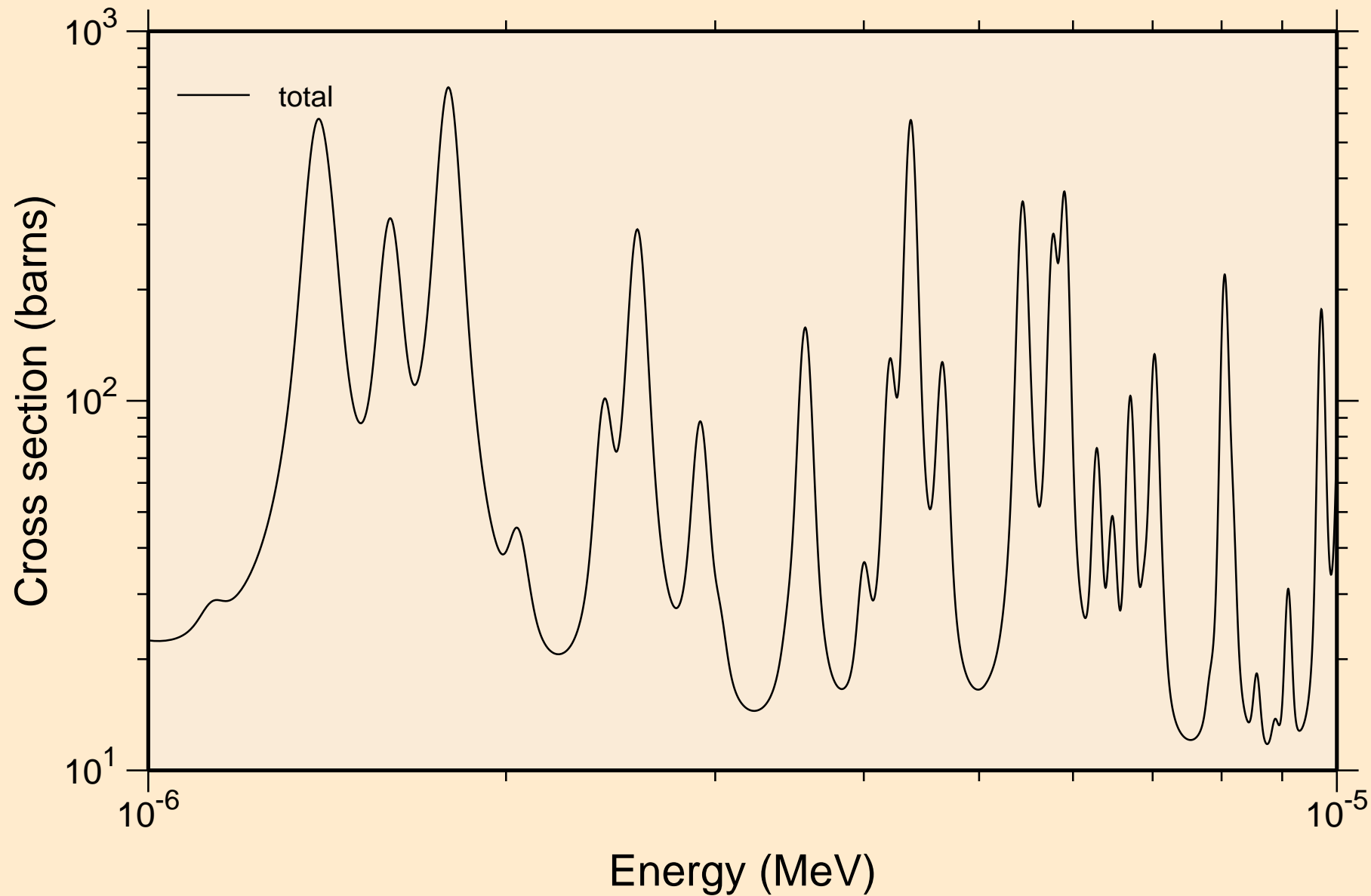
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Principal cross sections



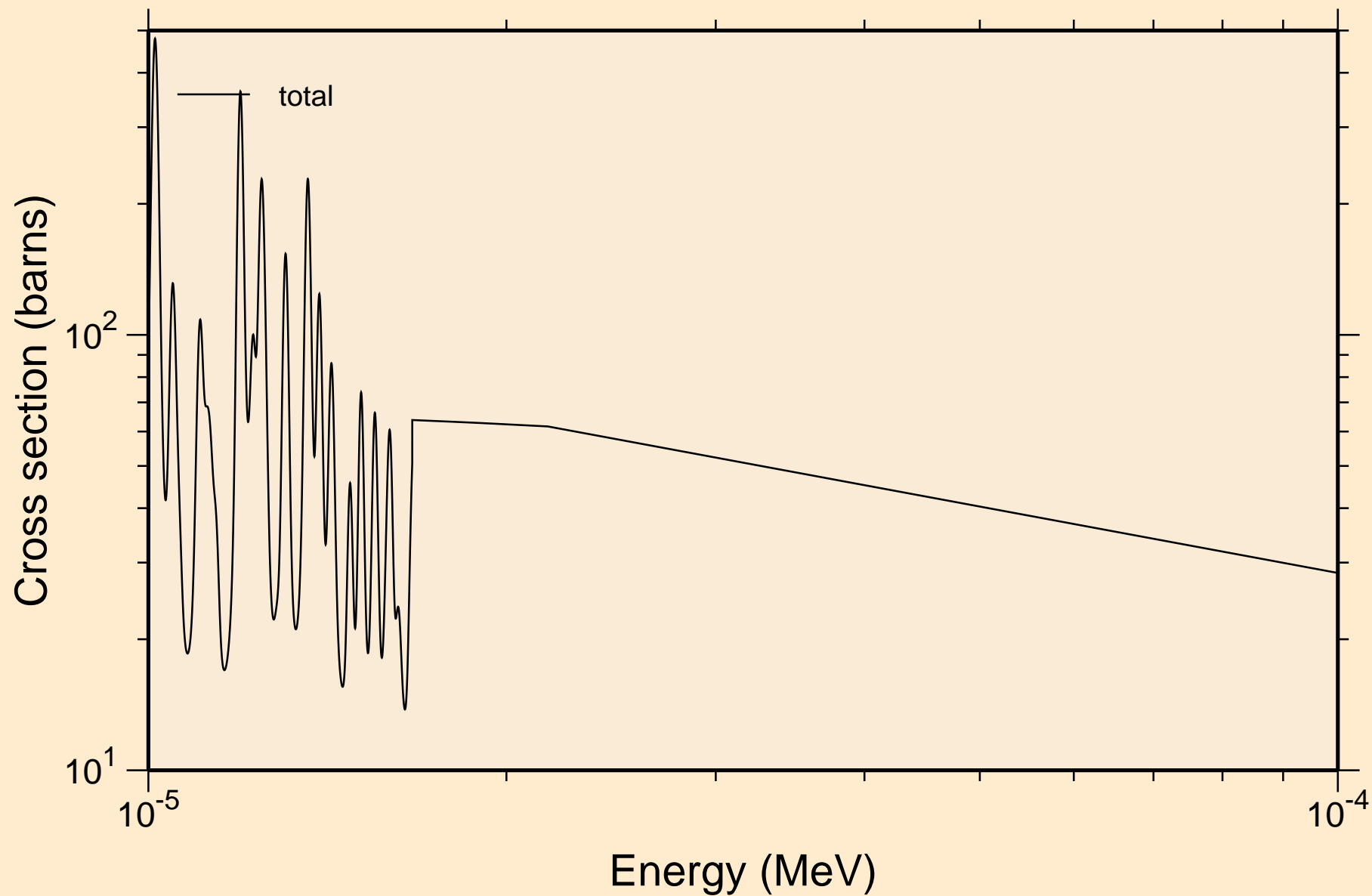
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resonance total cross section



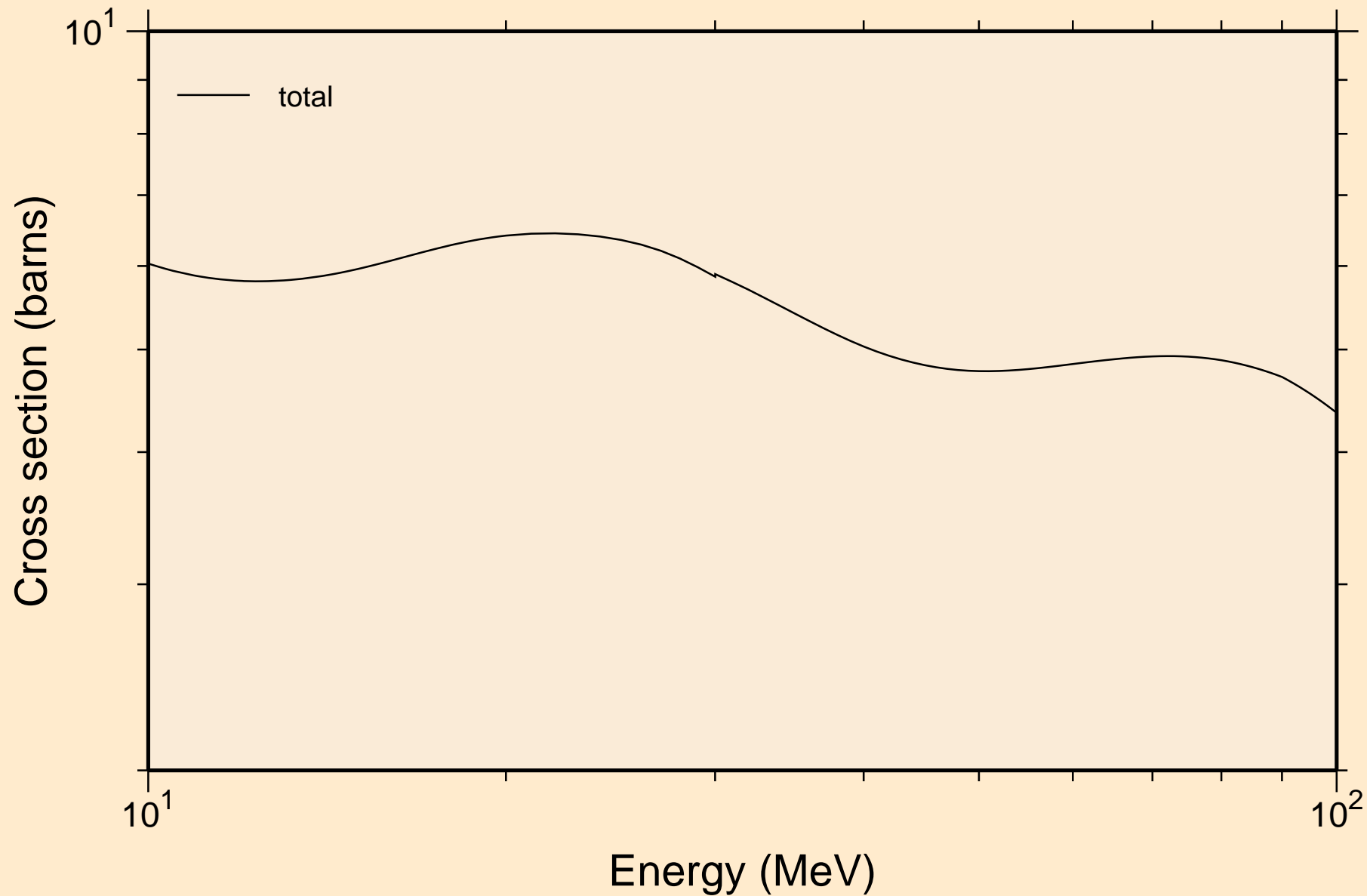
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resonance total cross section



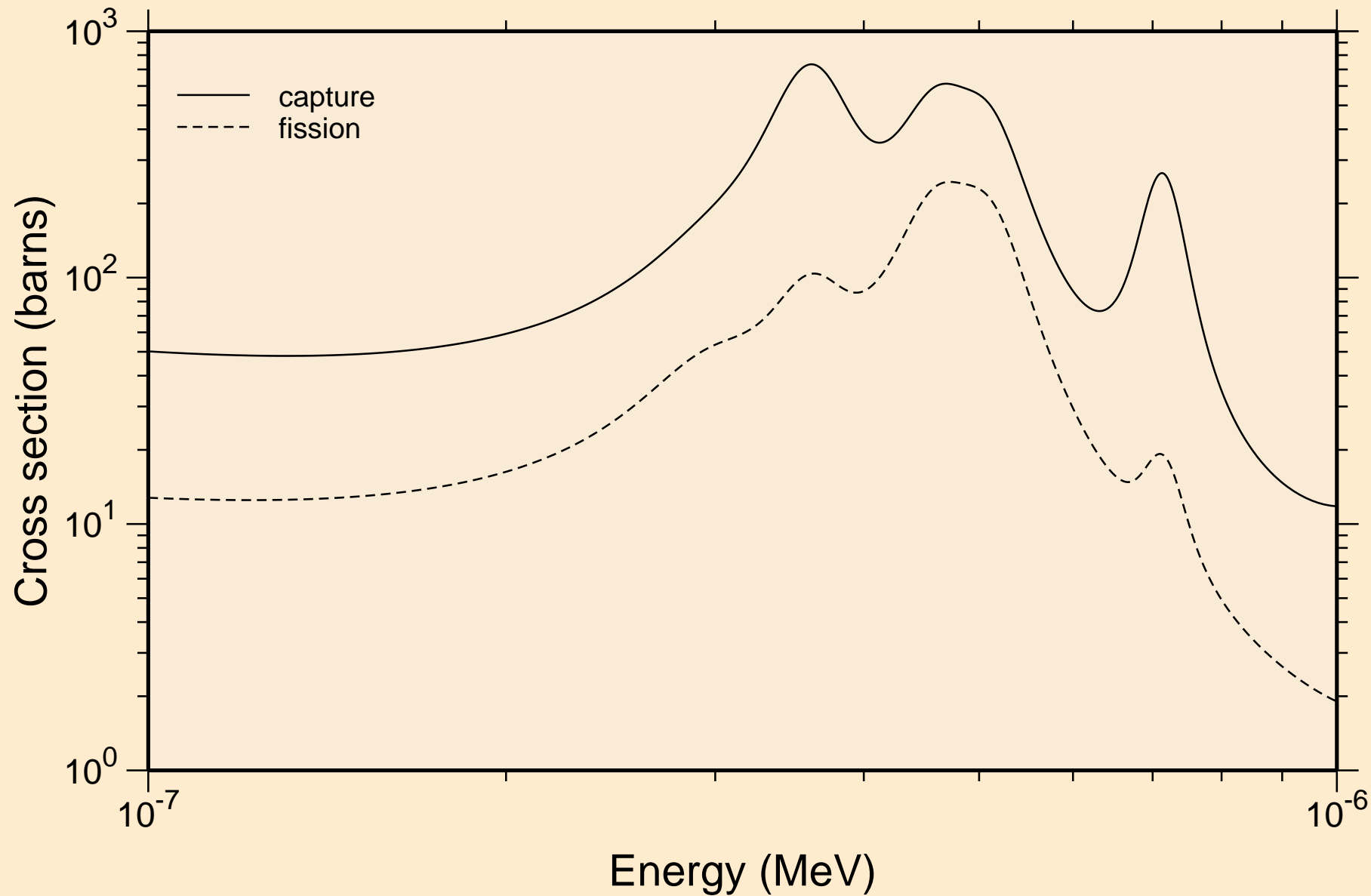
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resonance total cross section



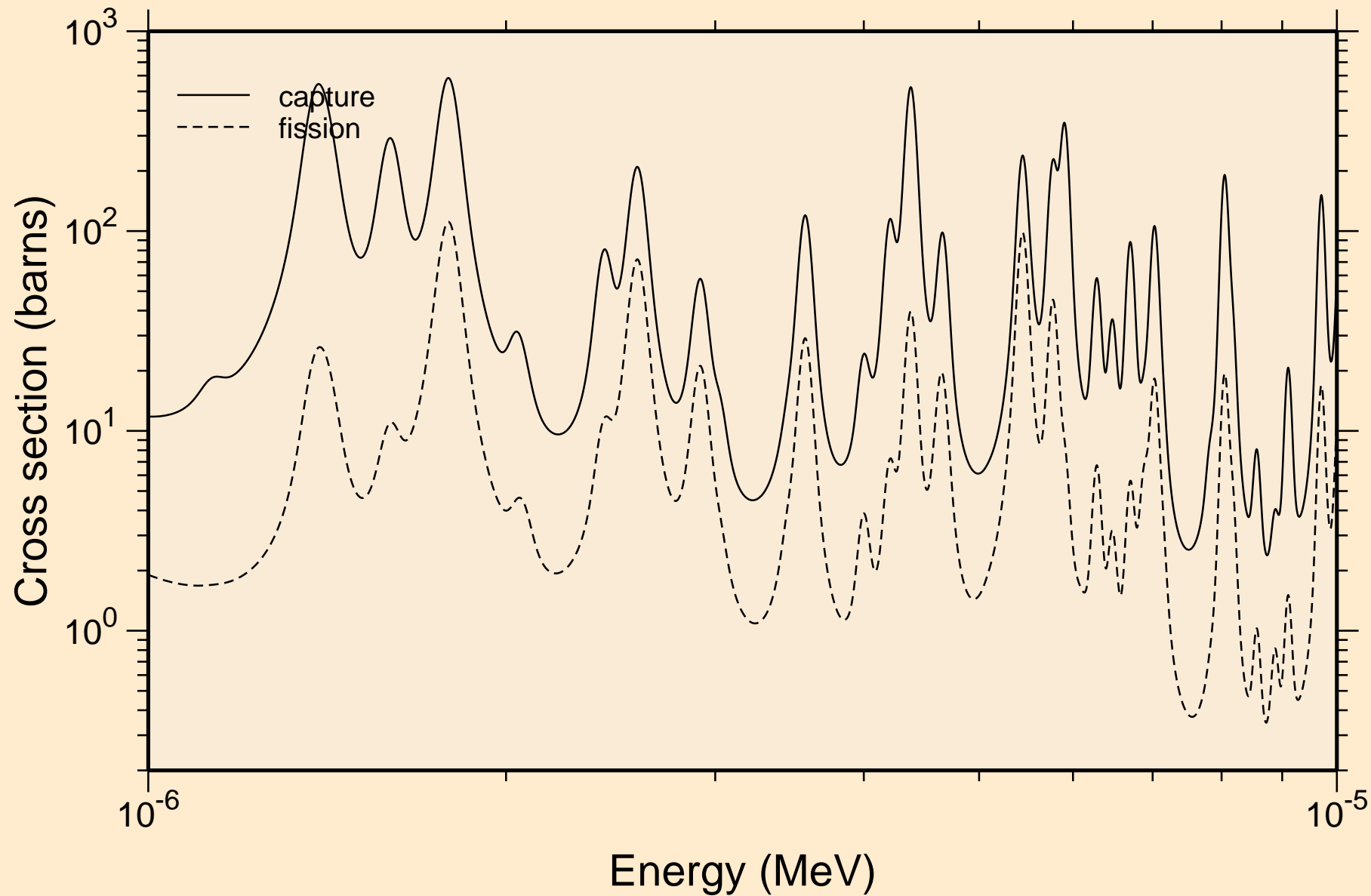
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resonance total cross section



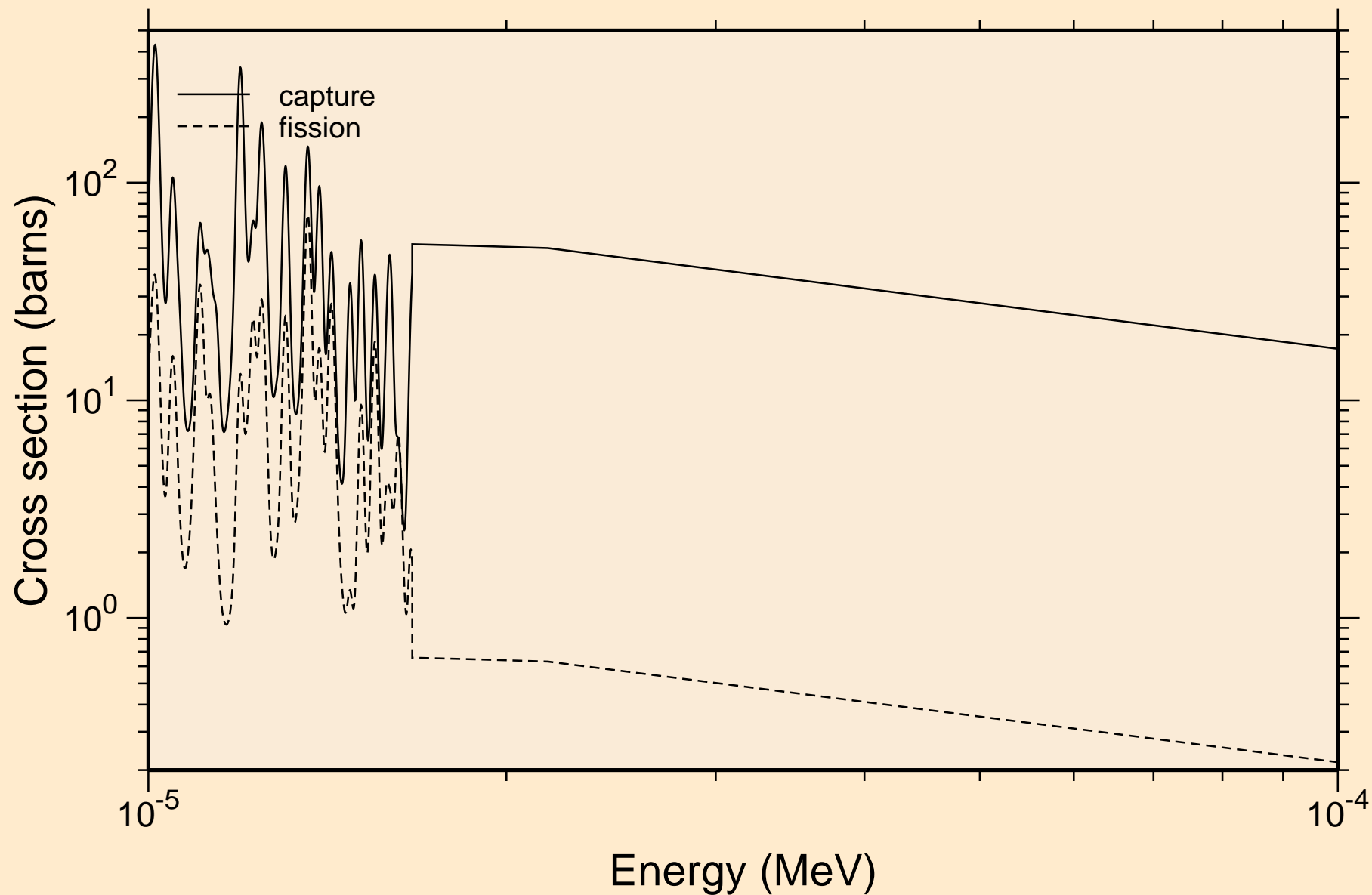
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resonance absorption cross sections



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

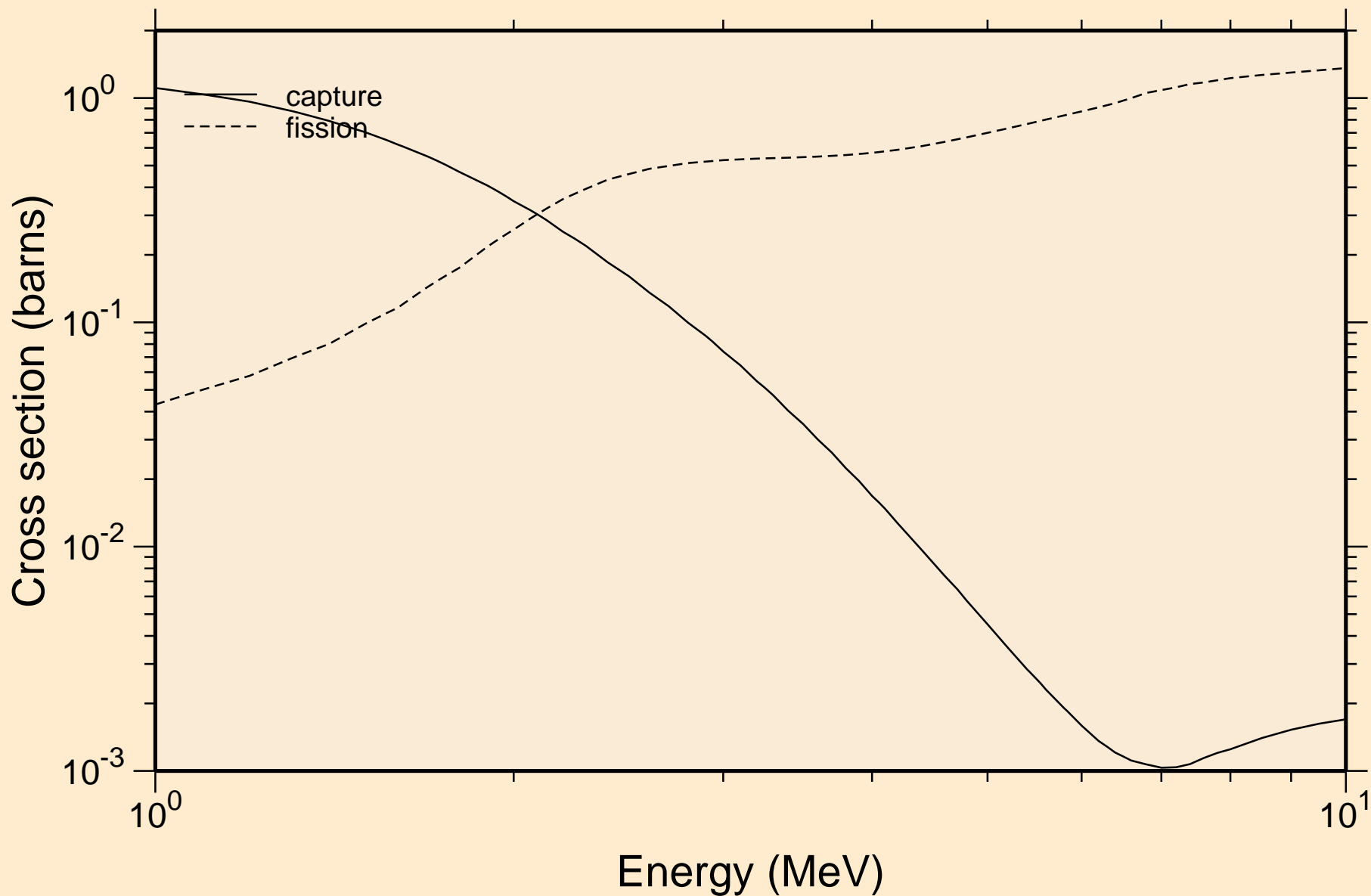


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resonance absorption cross sections

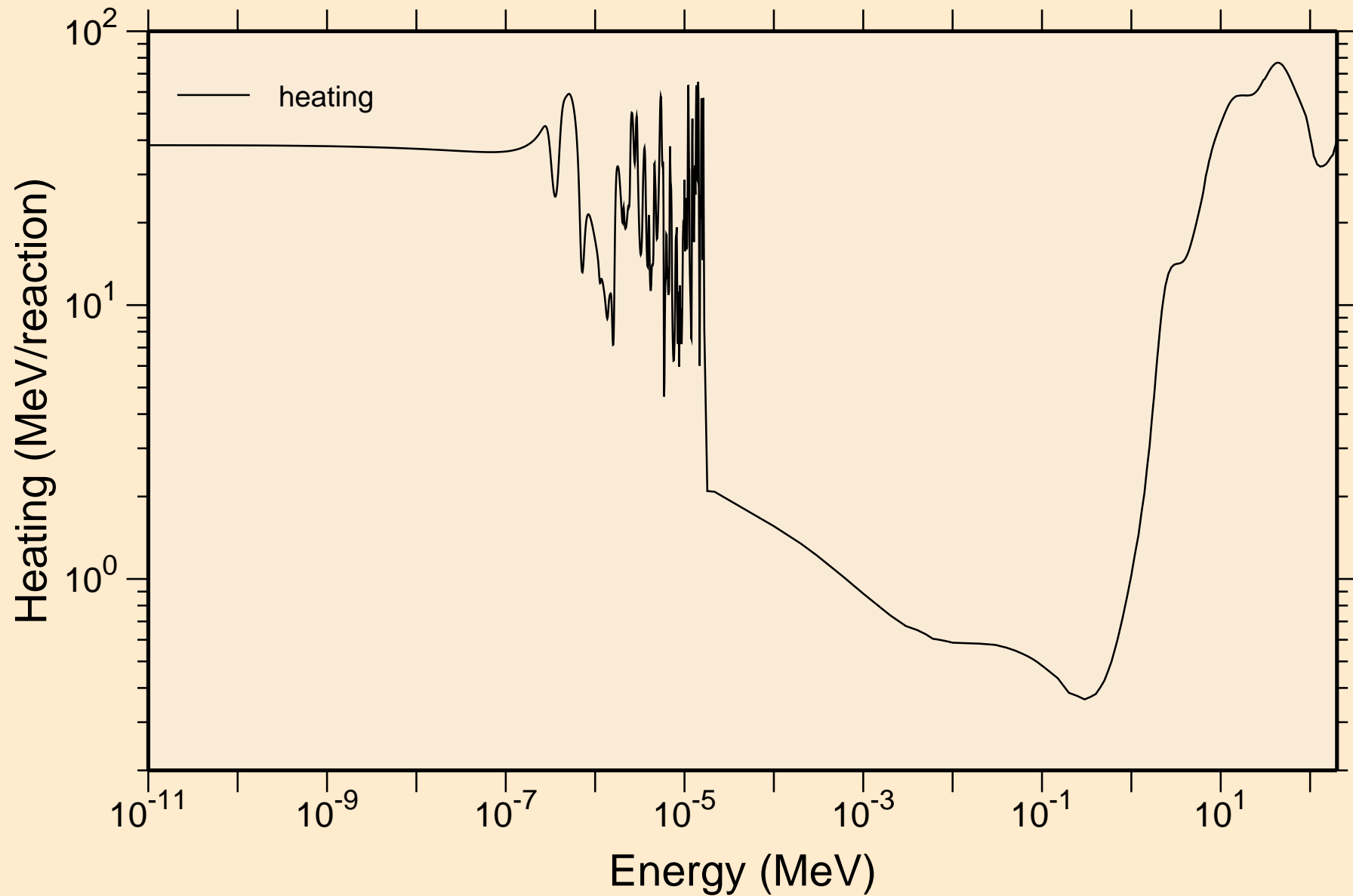




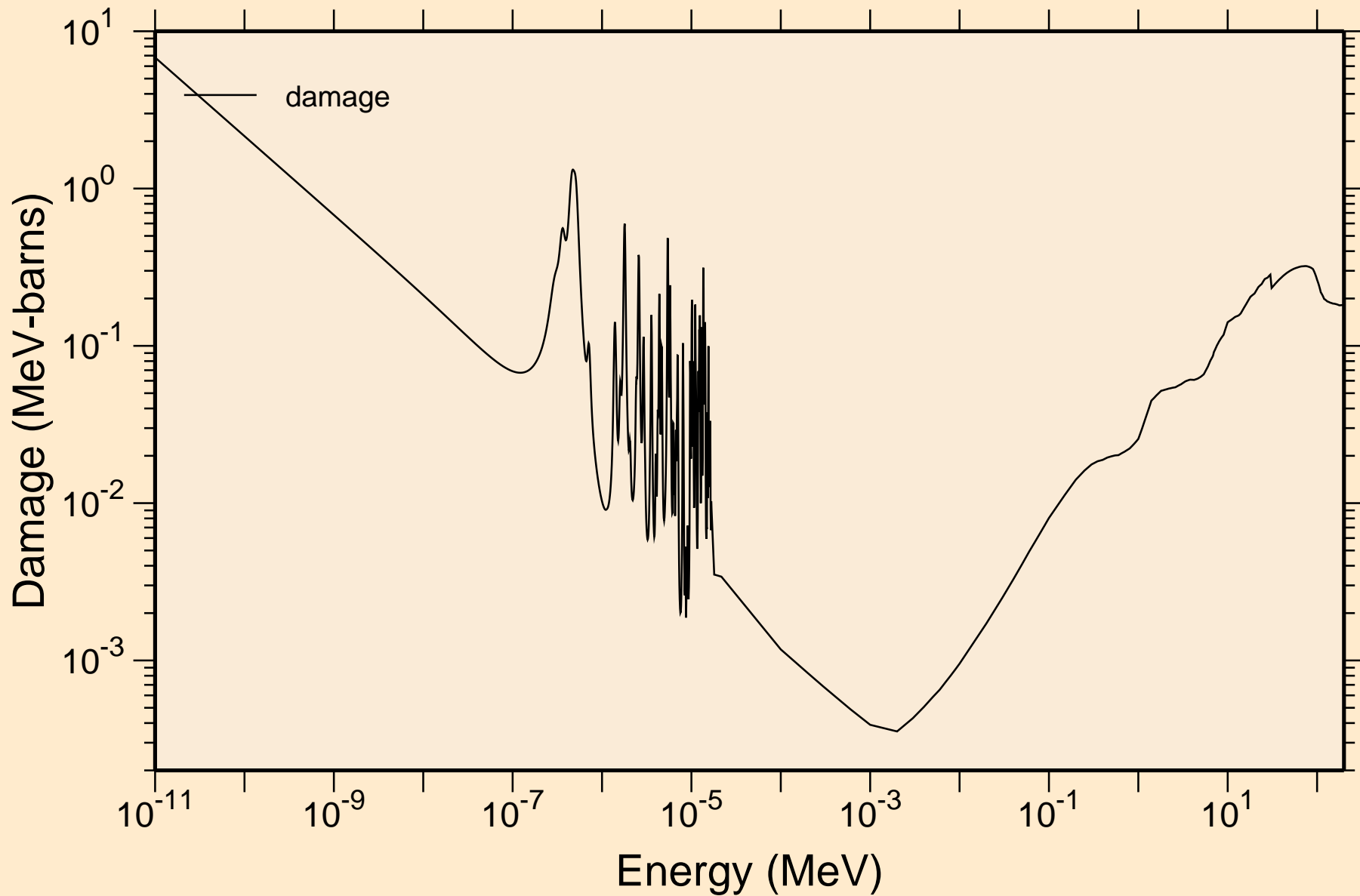
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resonance absorption cross sections



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

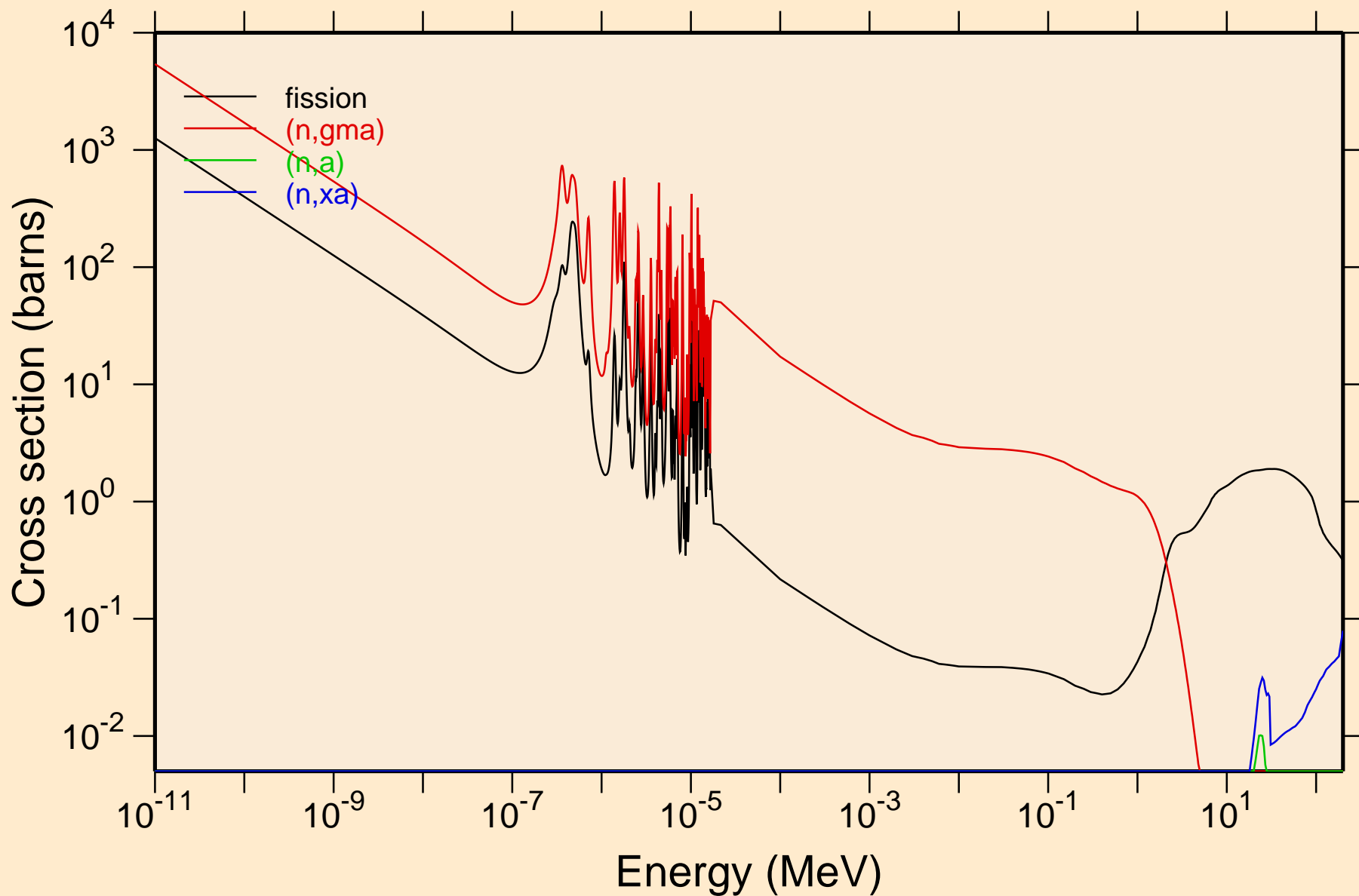


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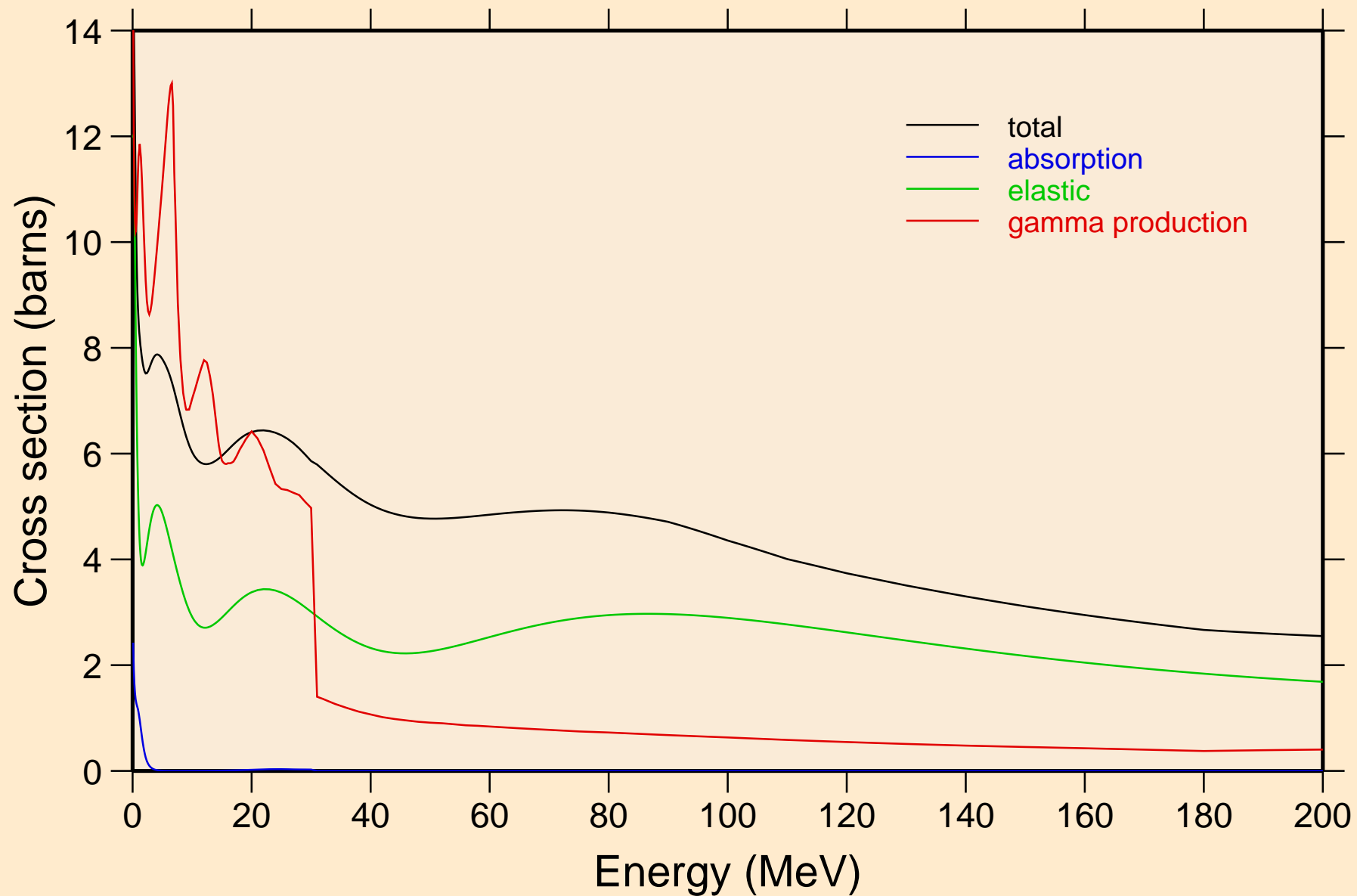


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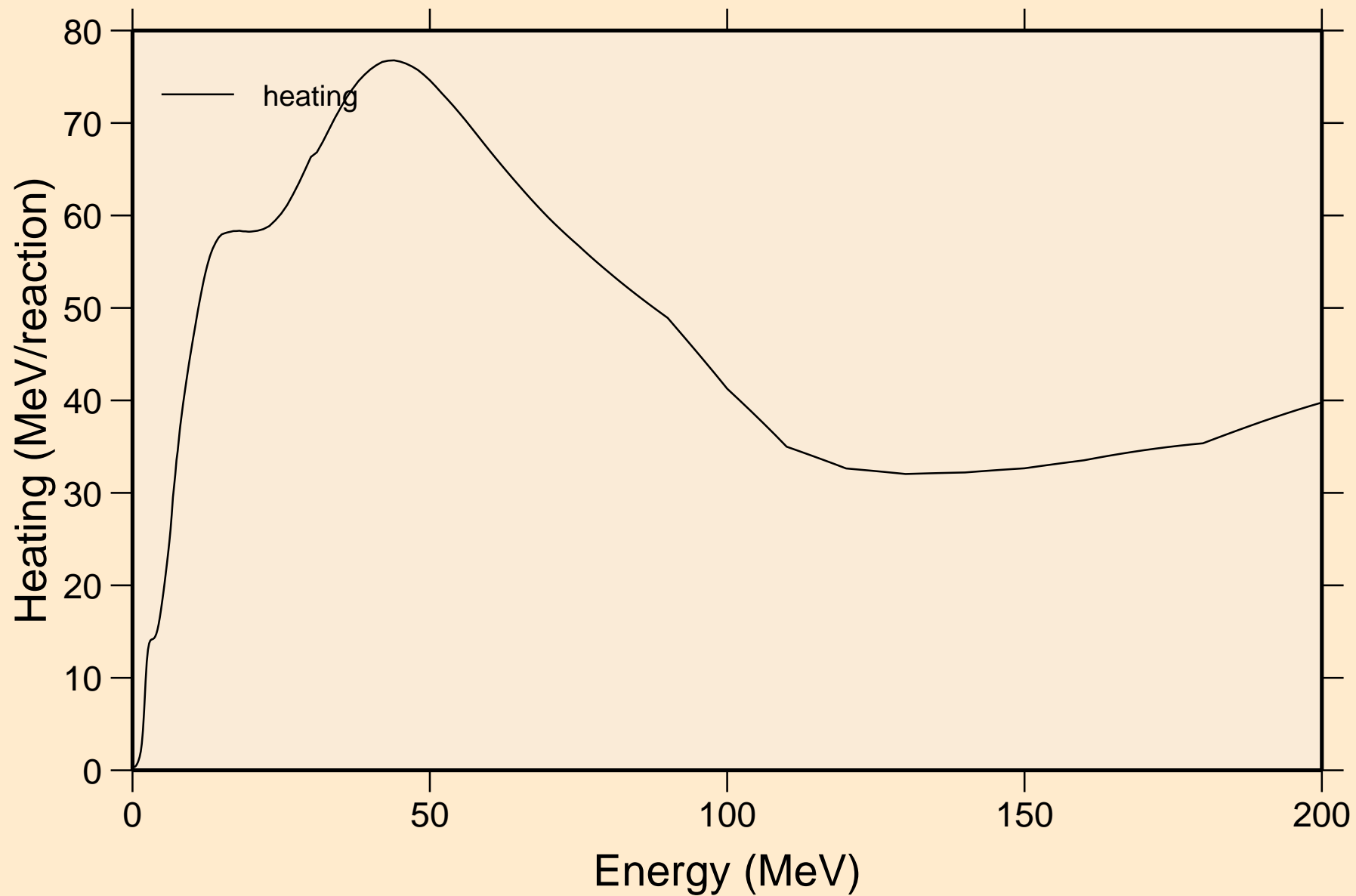
## Non-threshold reactions



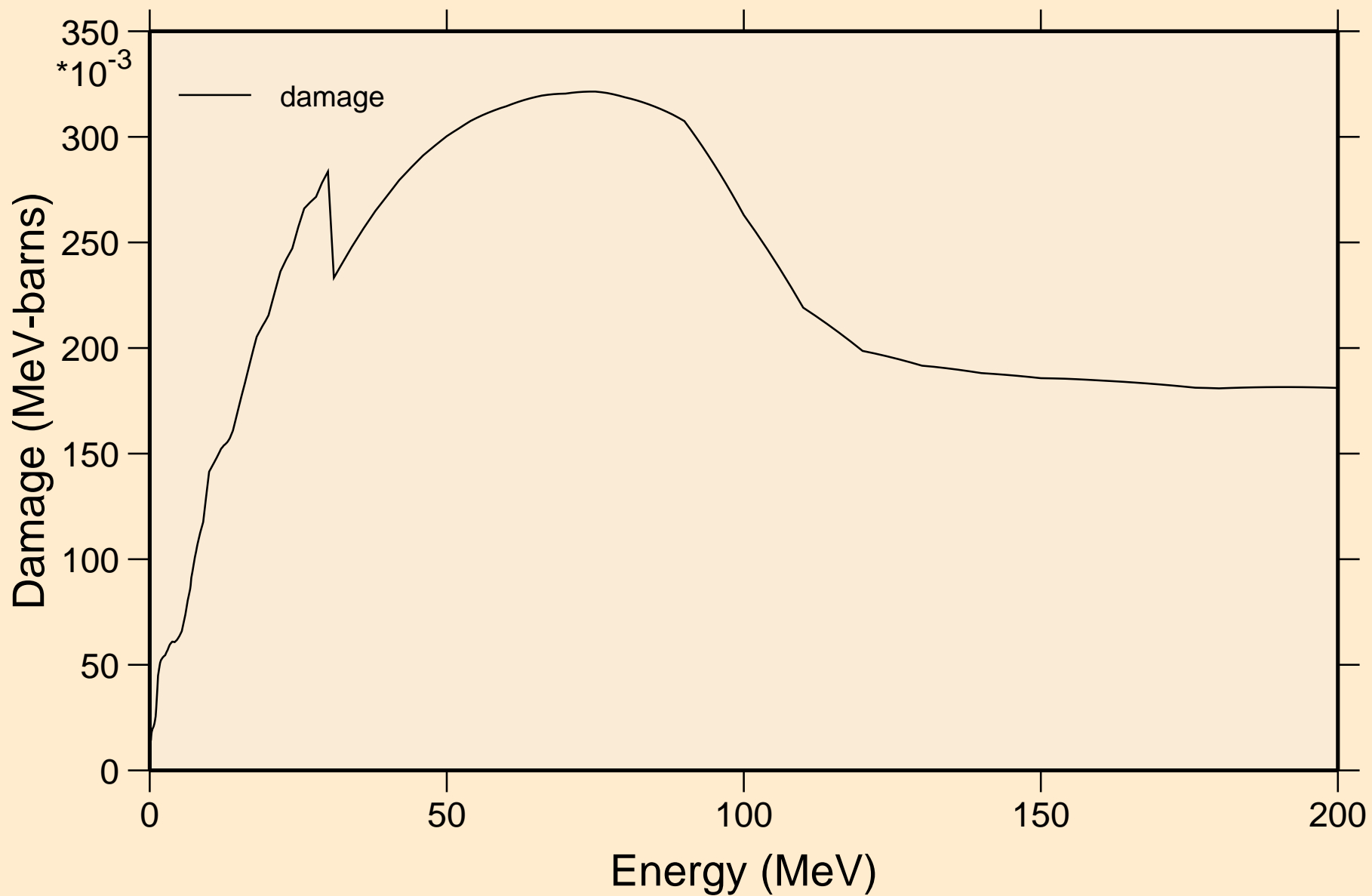
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Principal cross sections



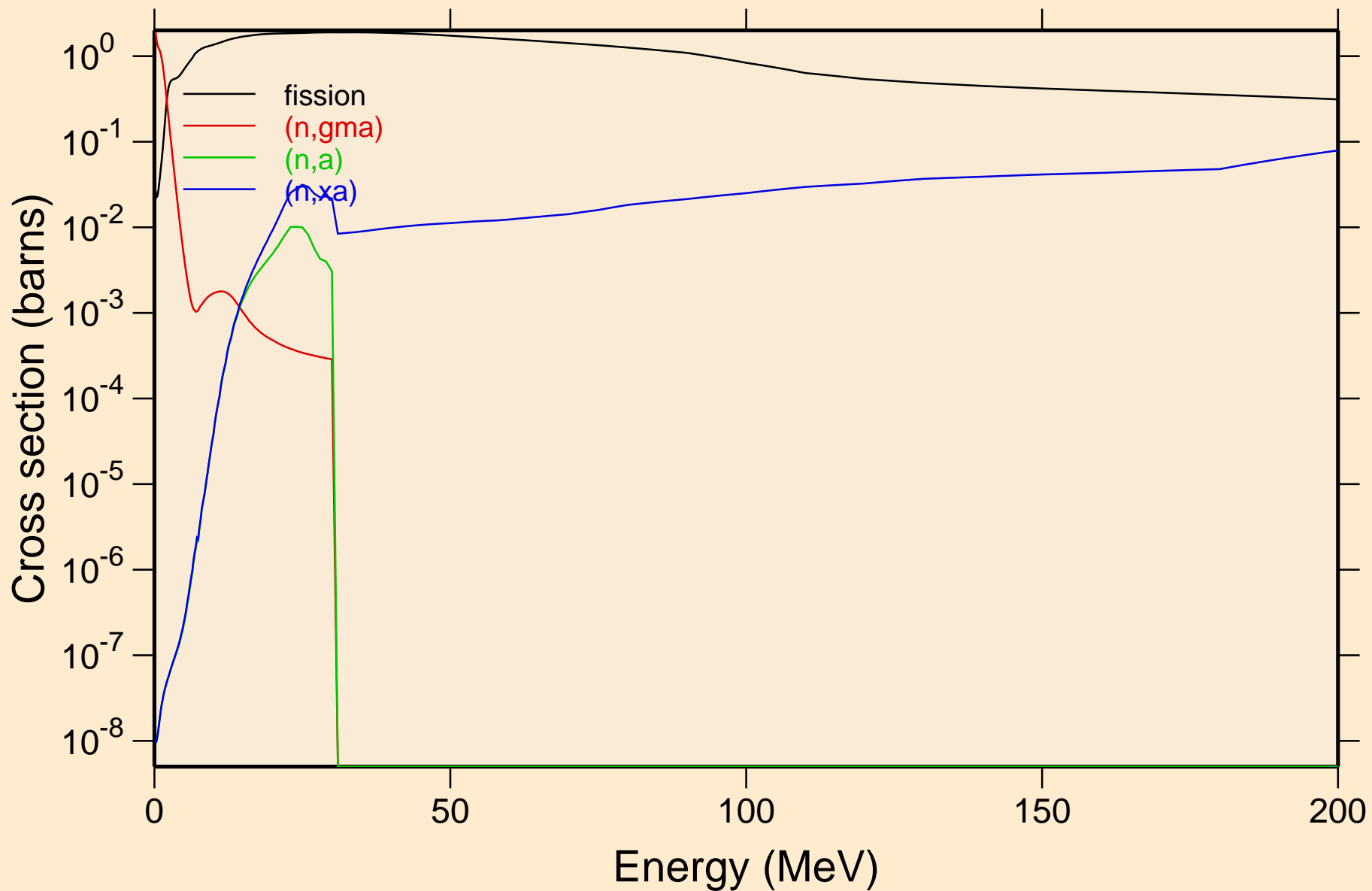
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

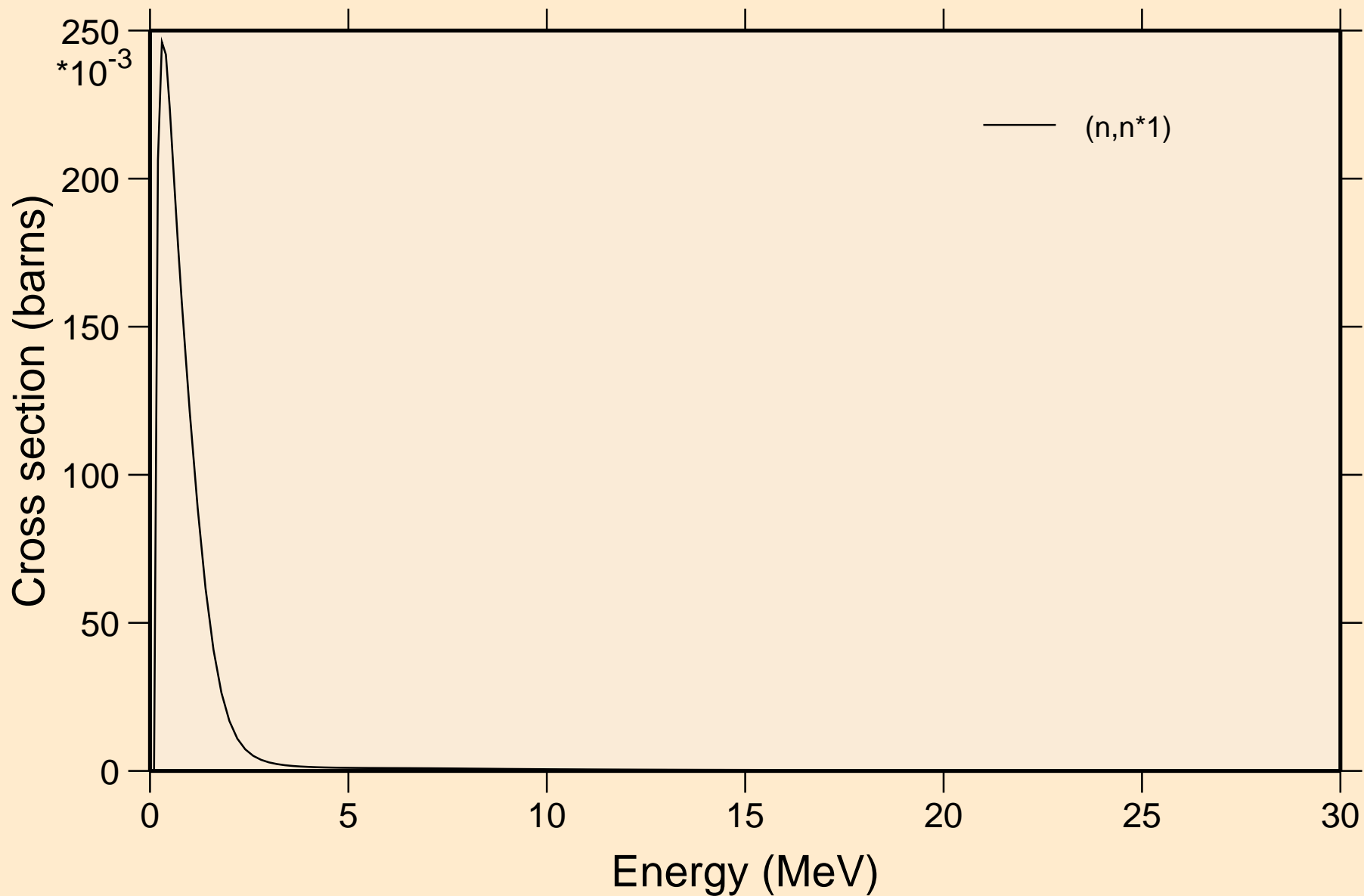


MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

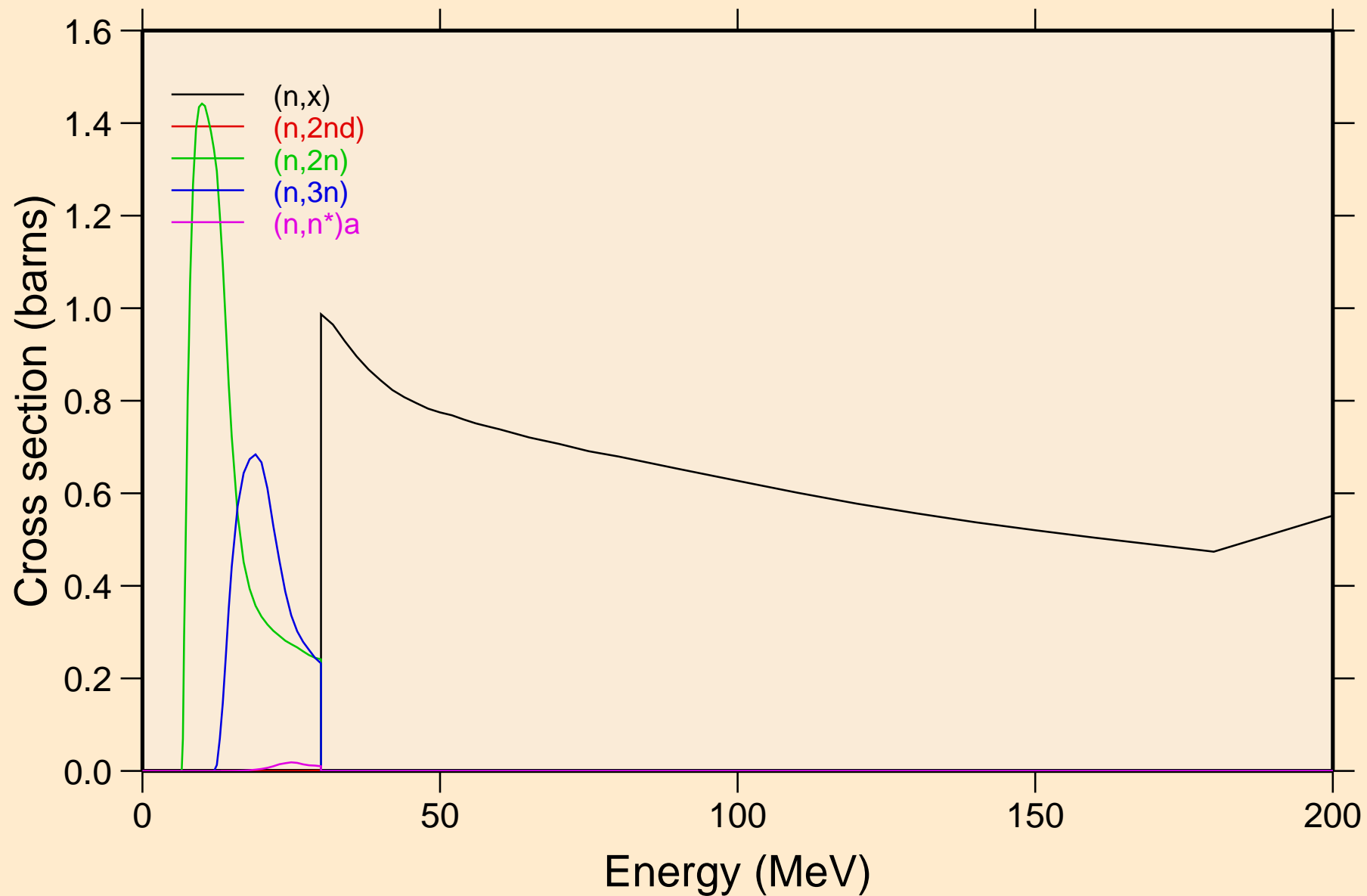




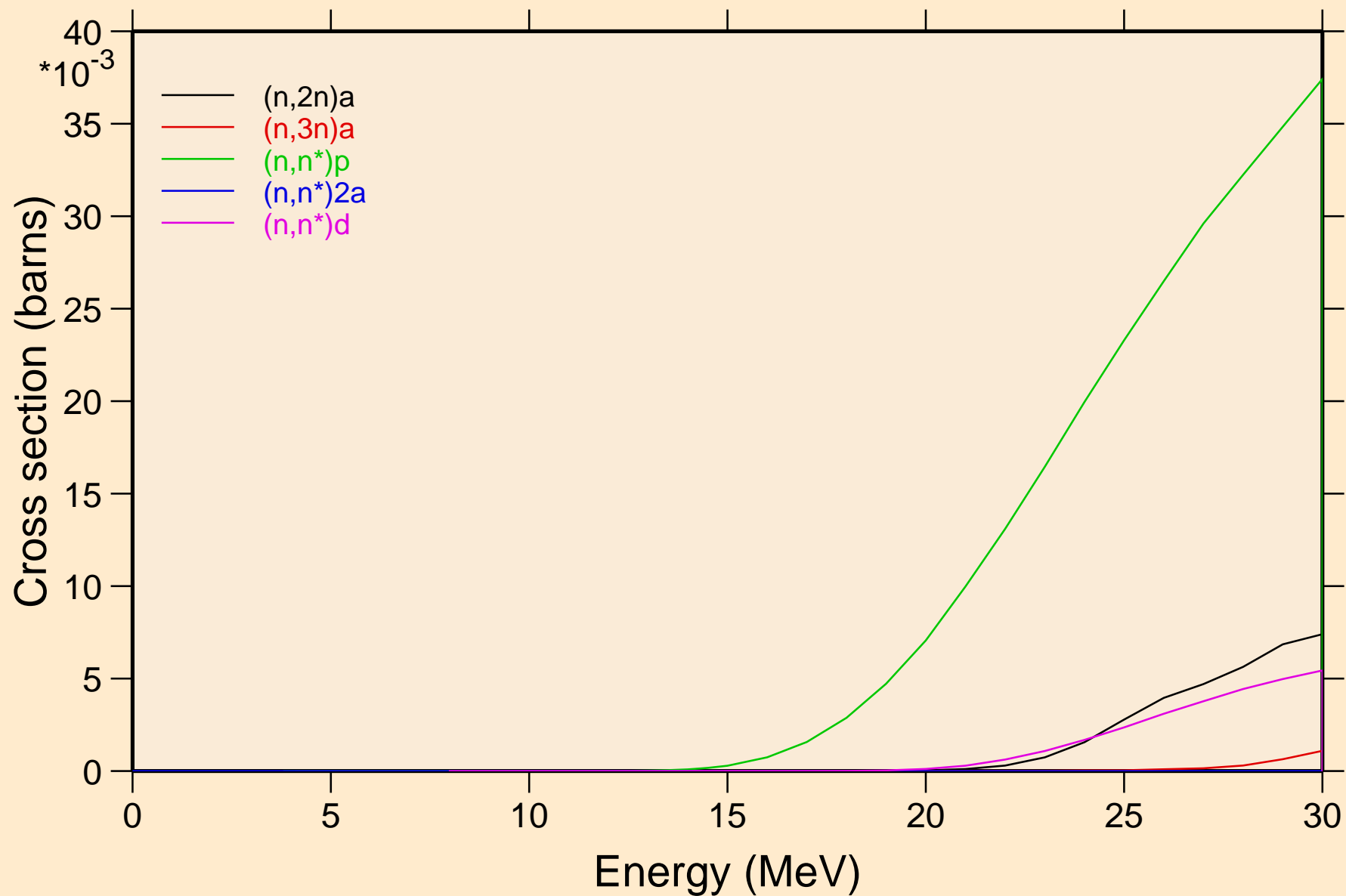
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Inelastic levels



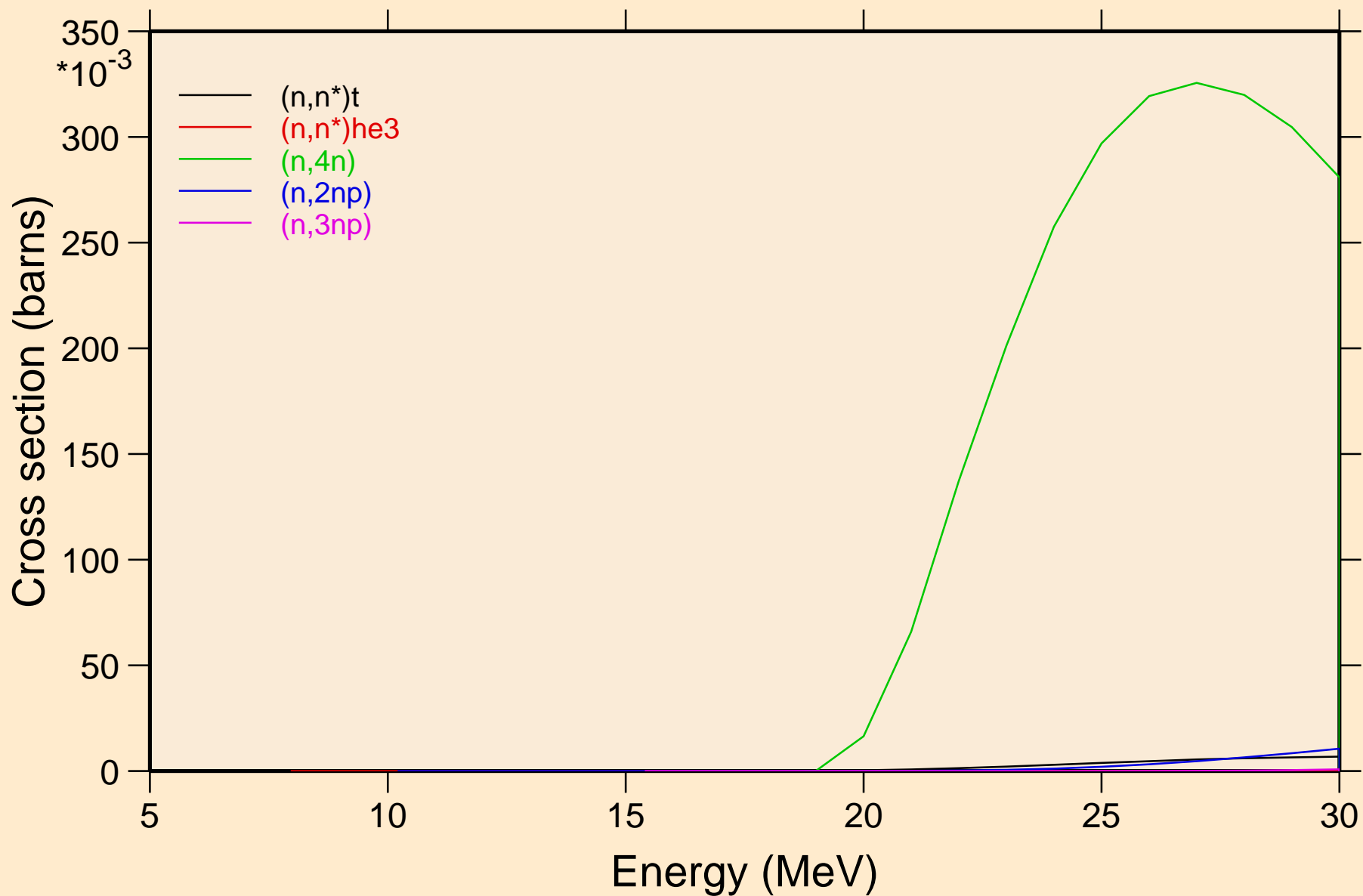
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



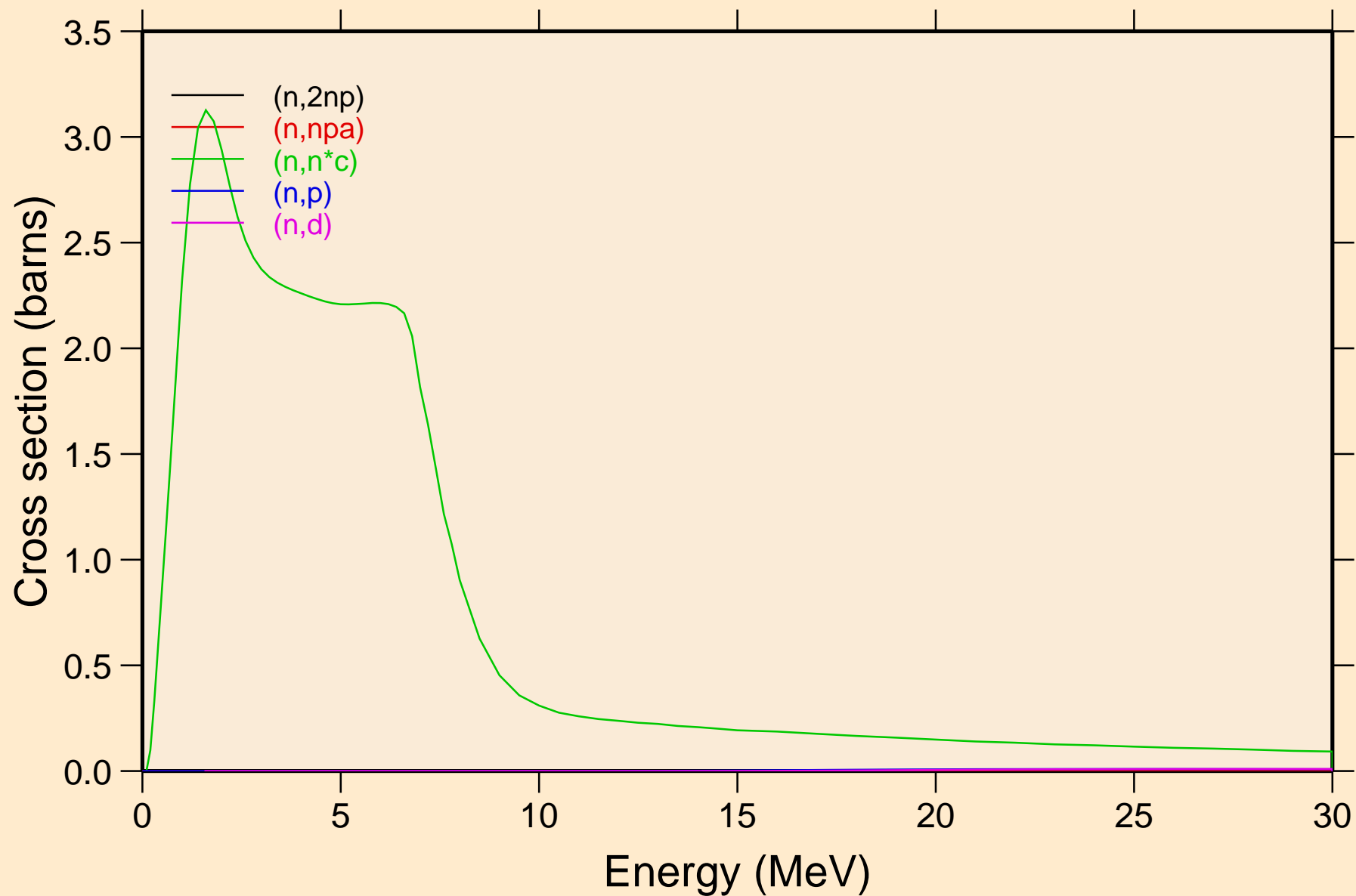
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Threshold reactions



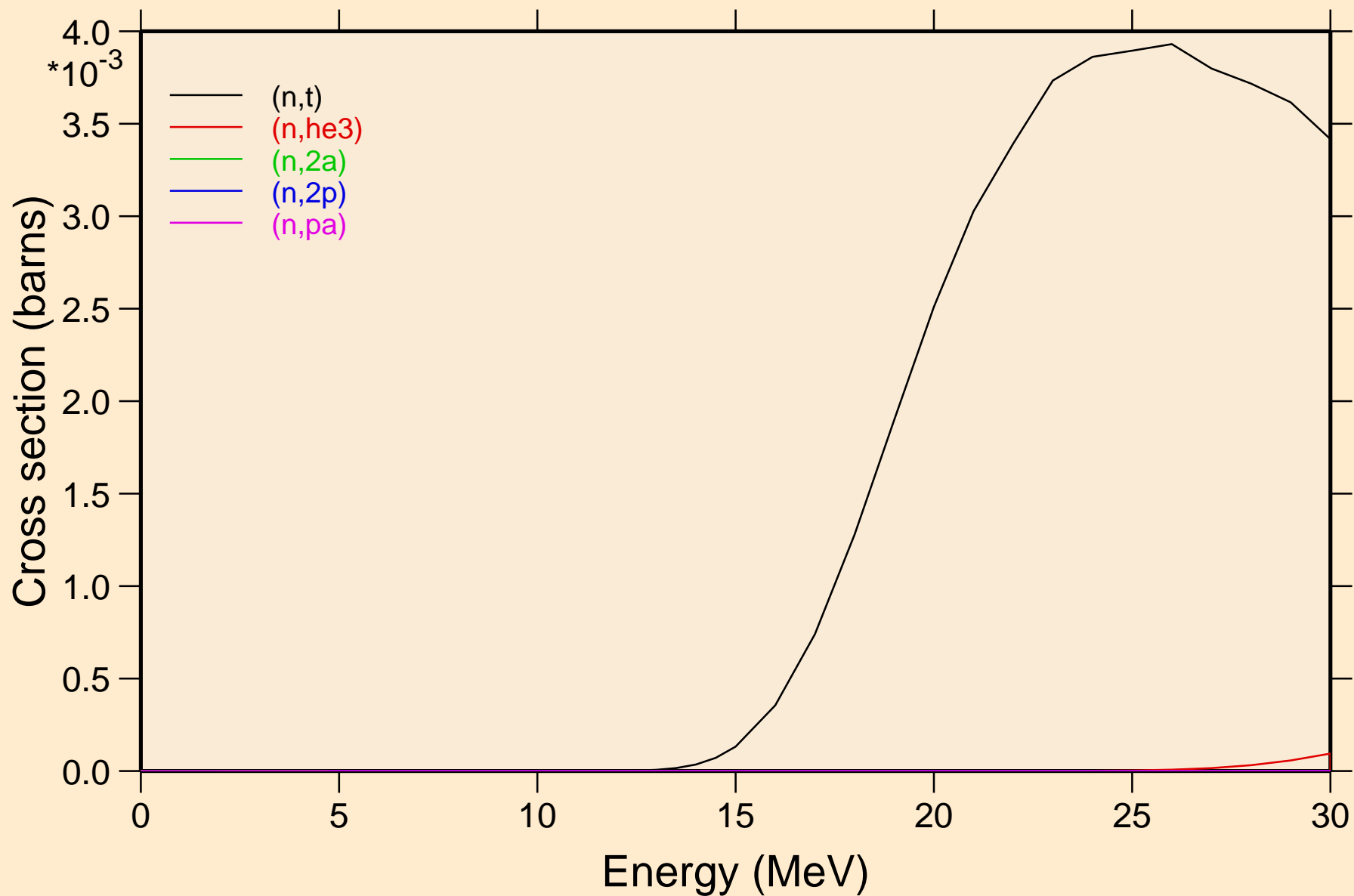
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Threshold reactions



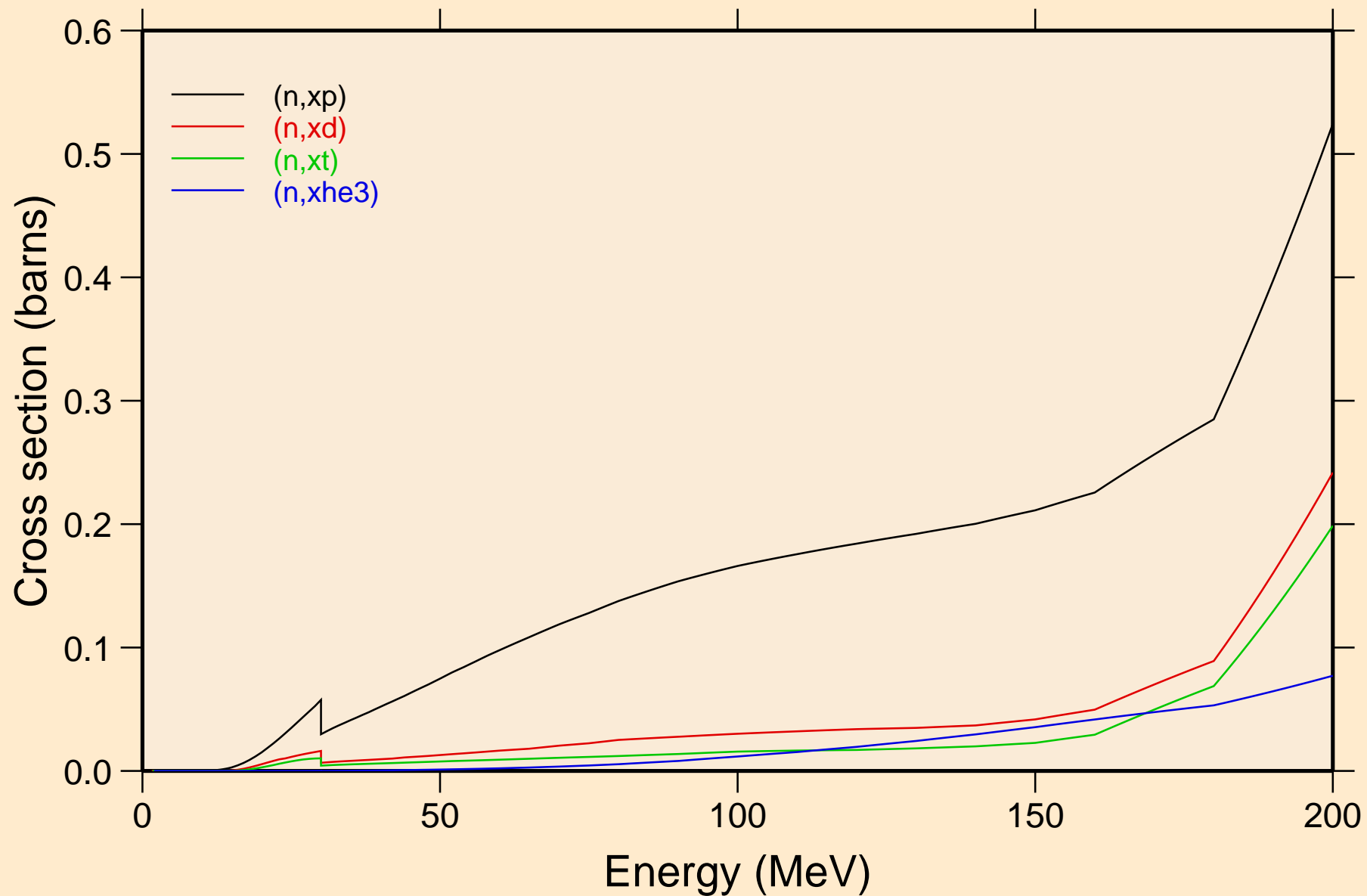
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Threshold reactions



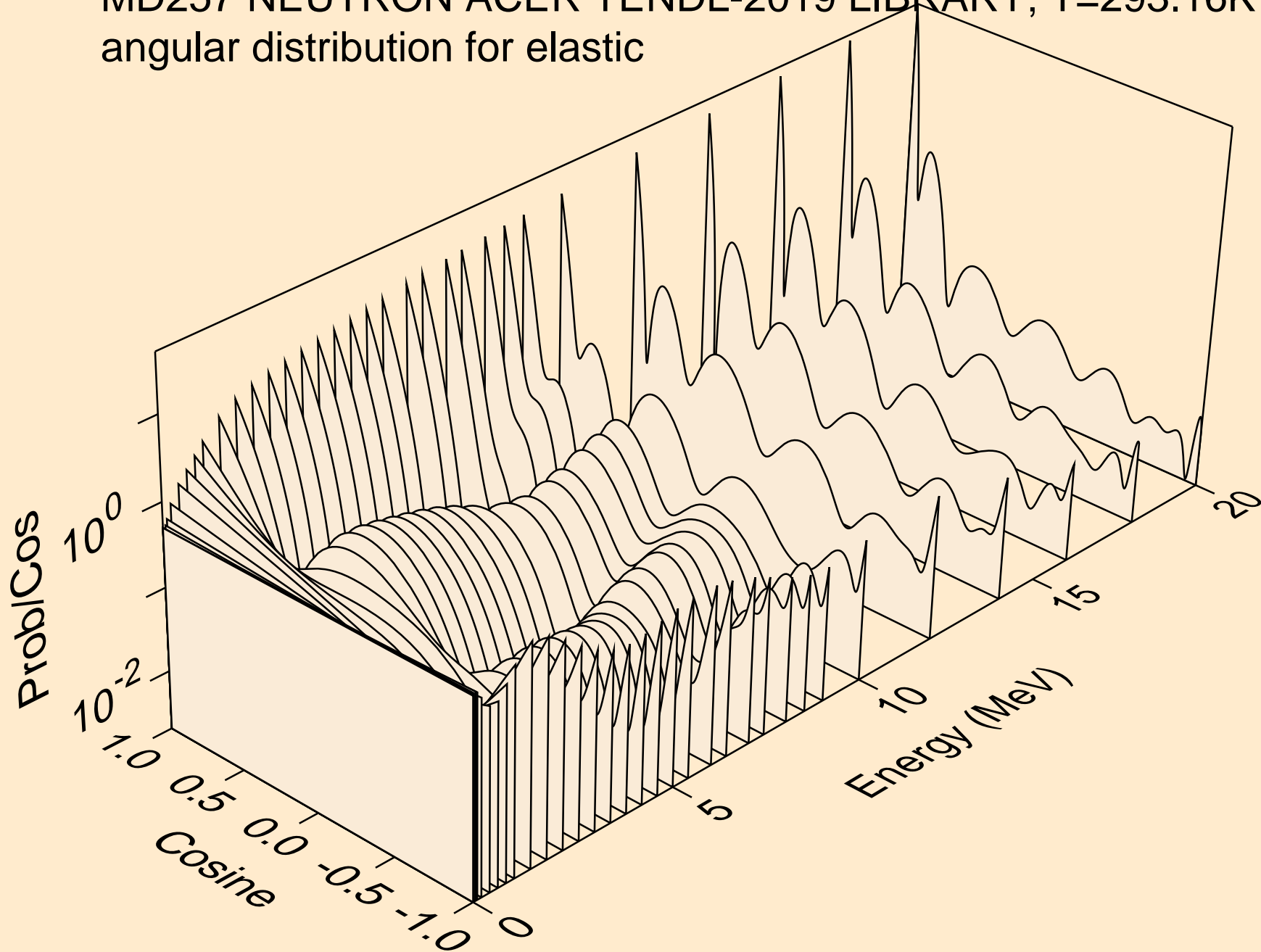
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Threshold reactions



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

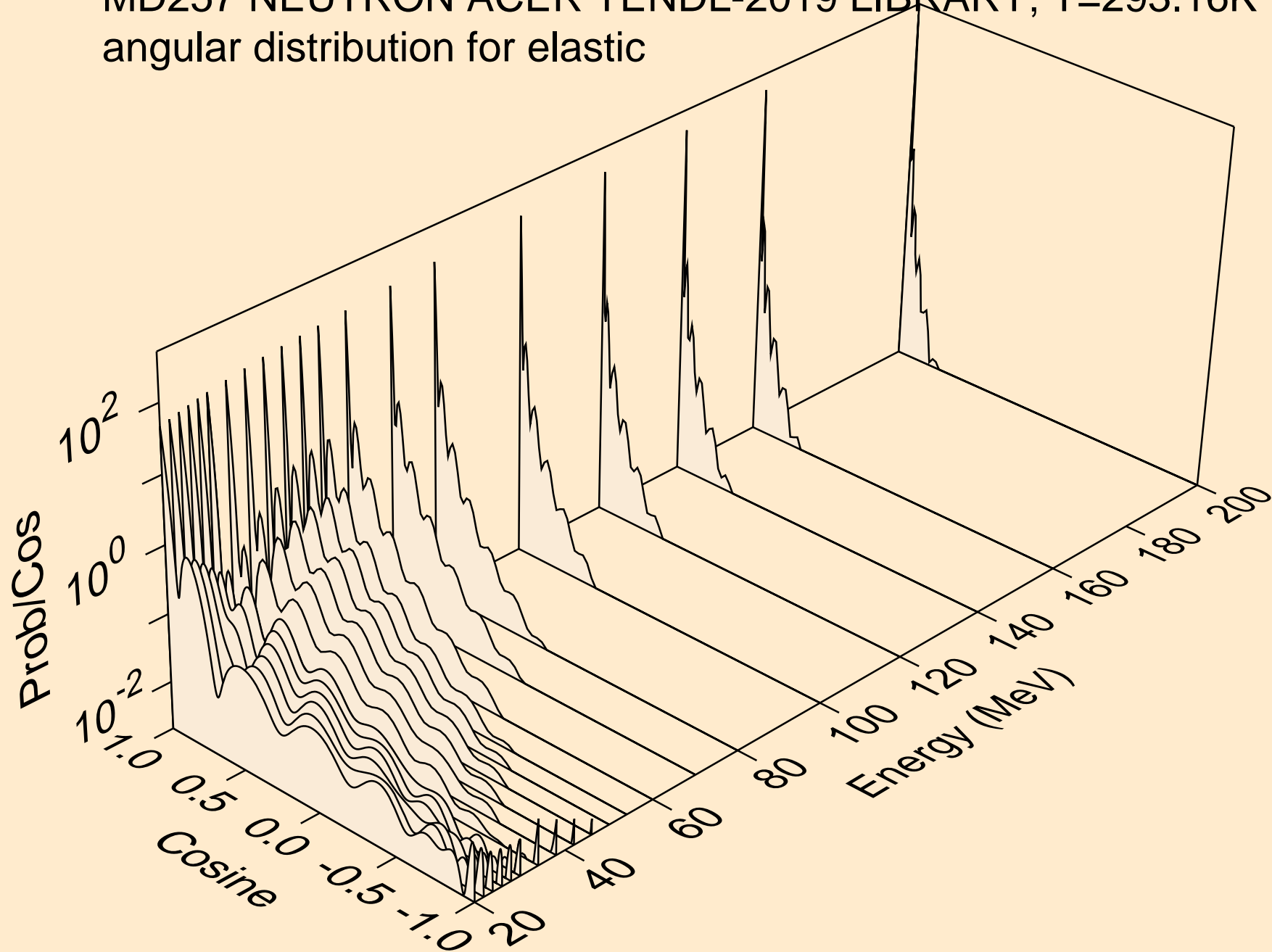


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angular distribution for elastic

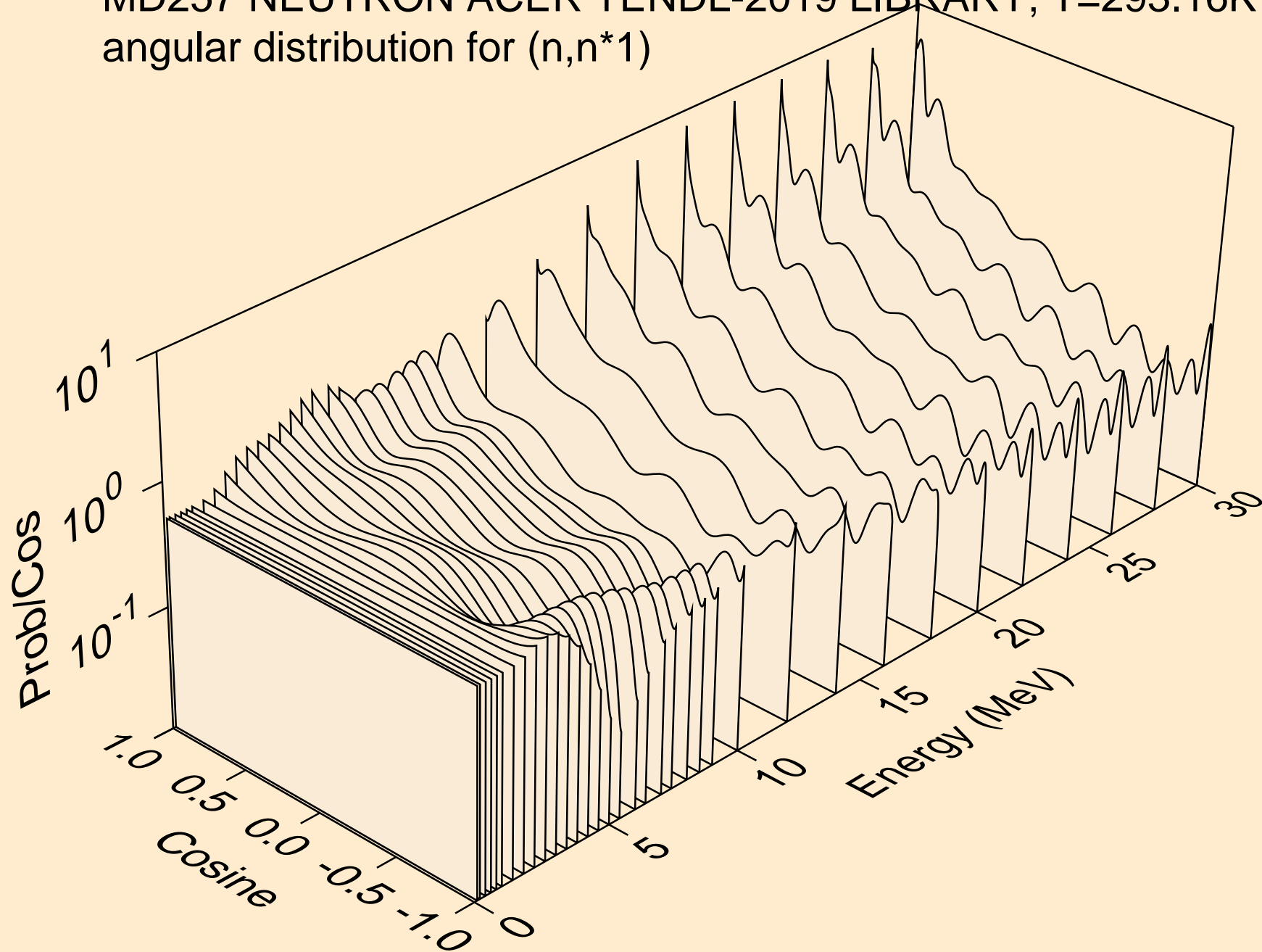




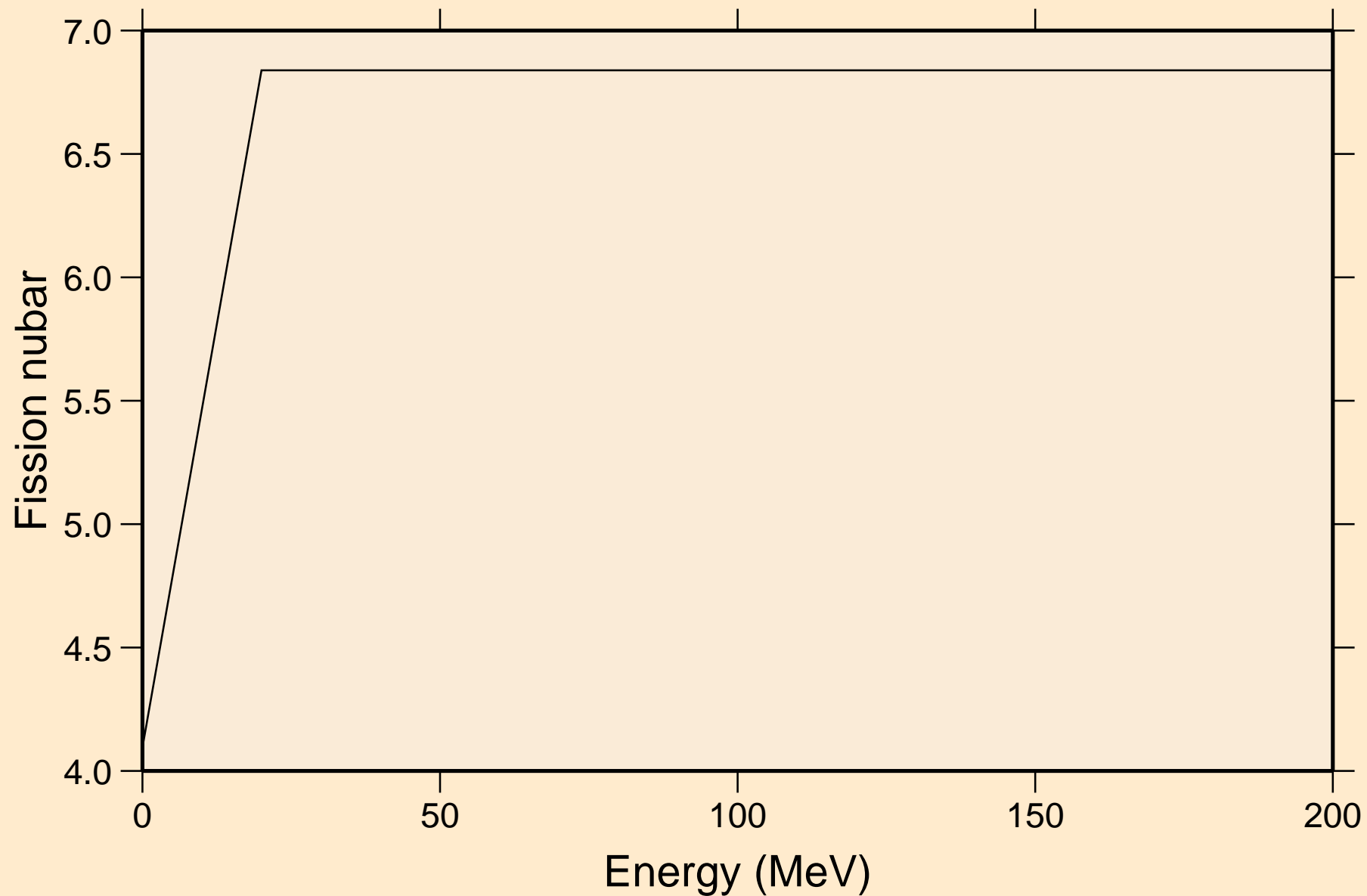
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angular distribution for elastic



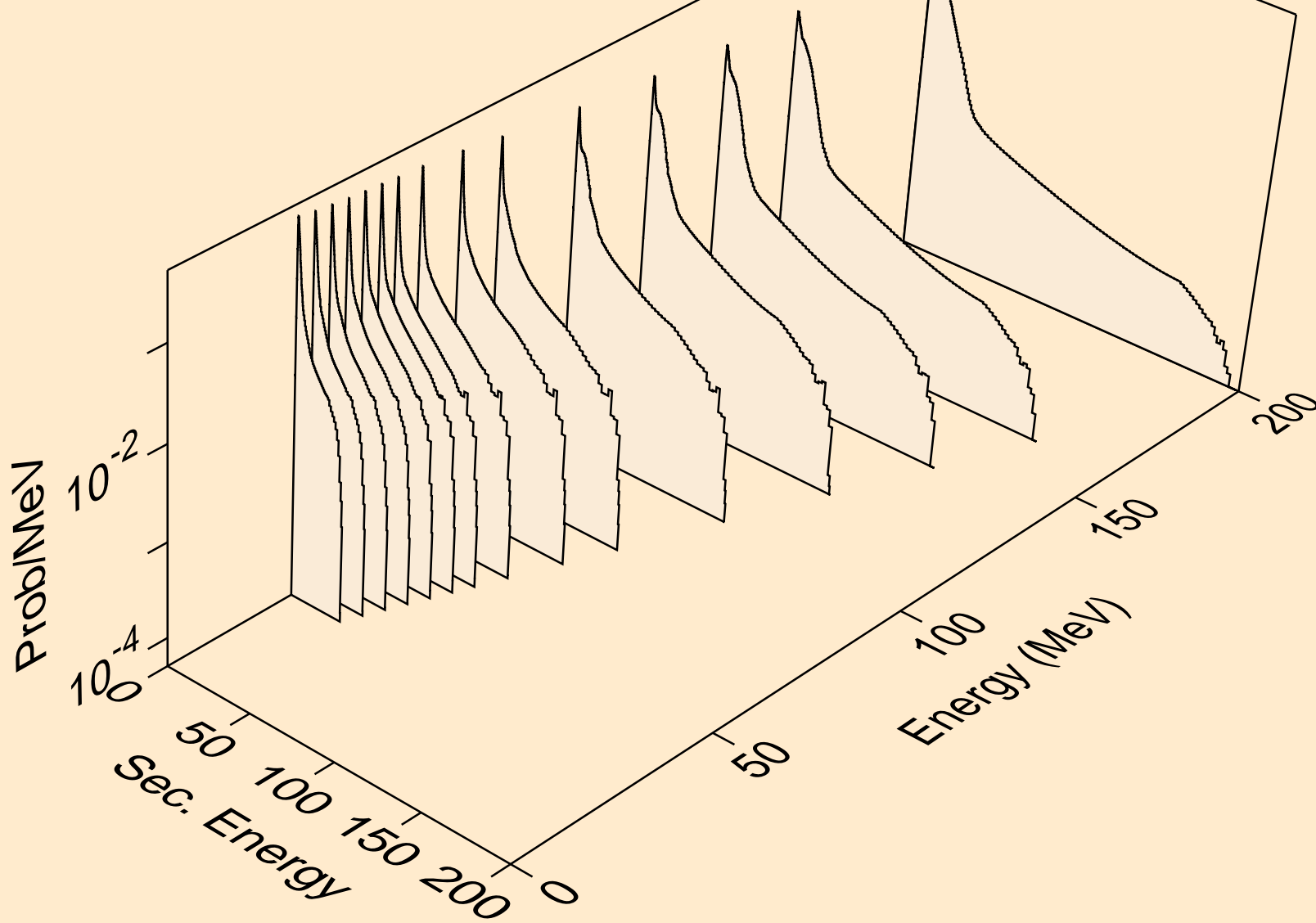
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angular distribution for (n,n\*1)



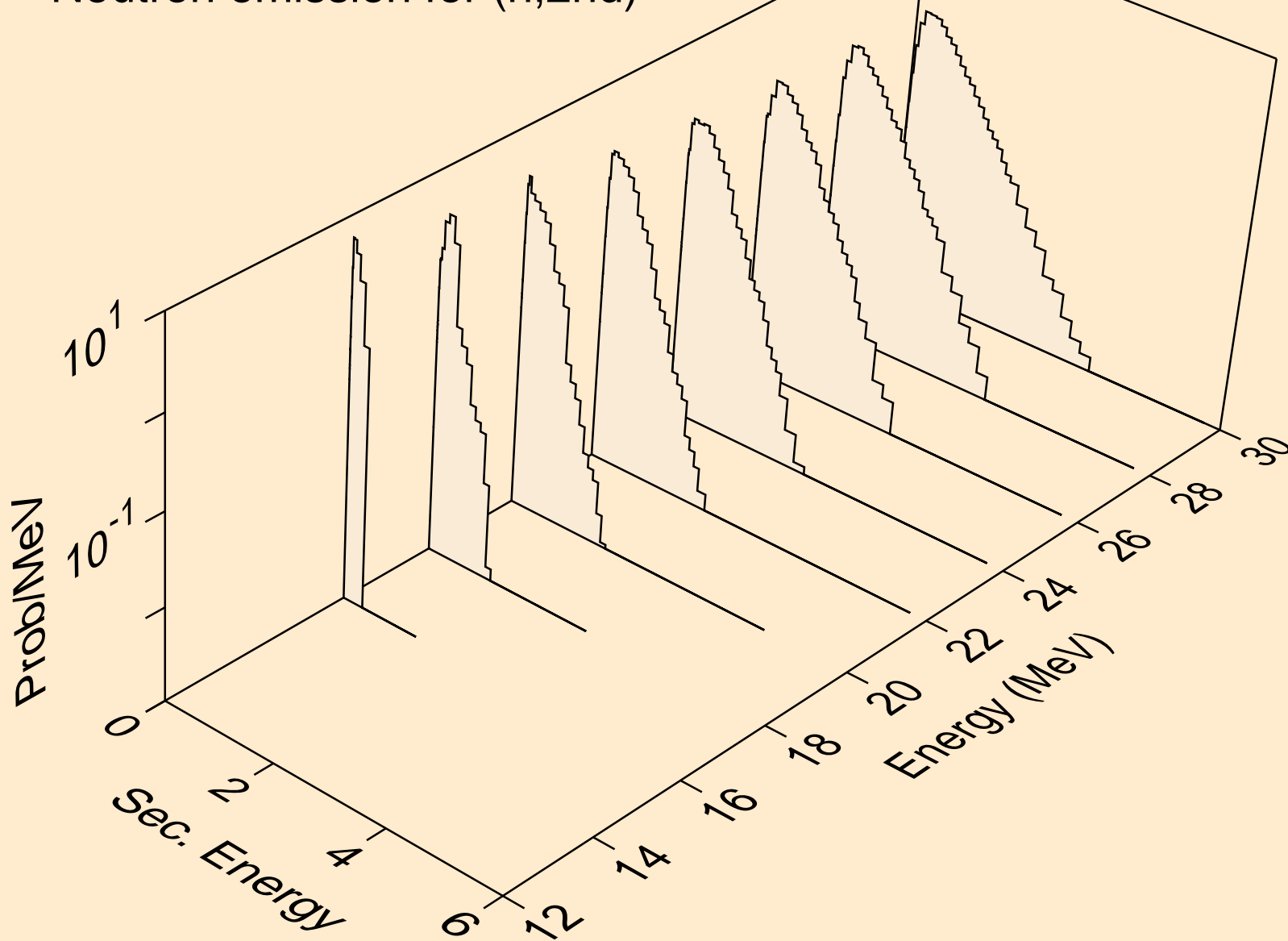
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Total fission nubar



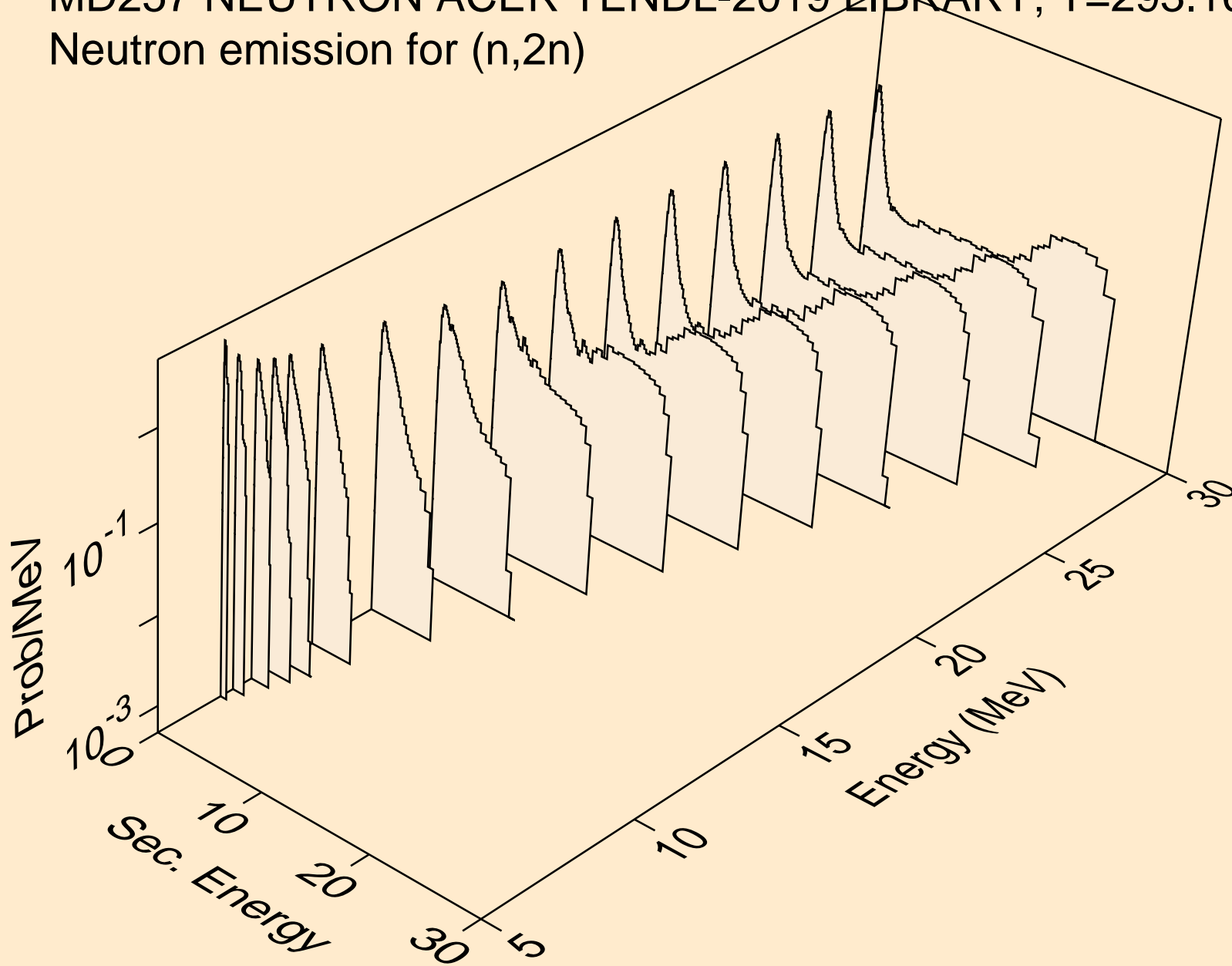
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Neutron emission for (n,x)



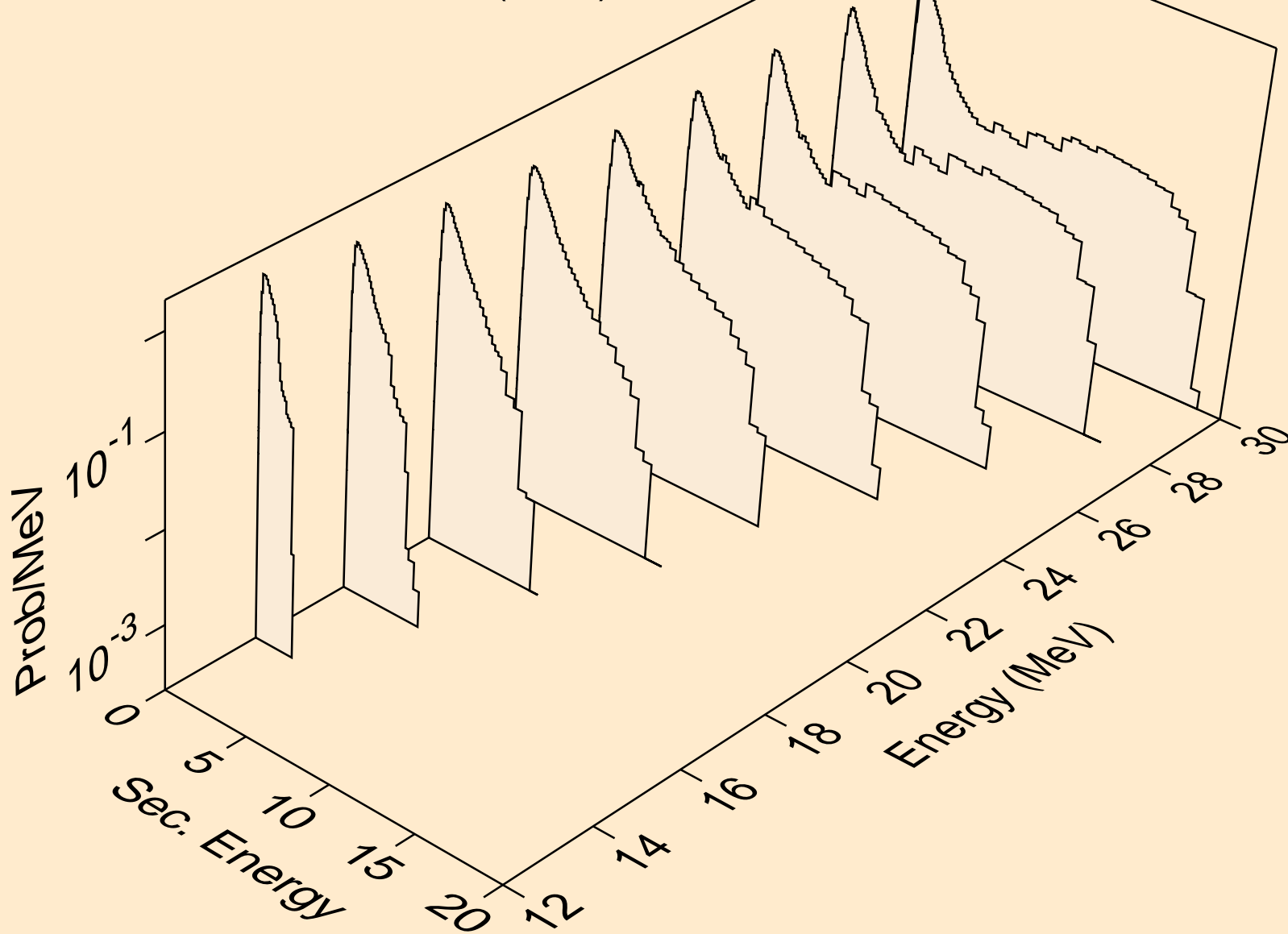
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Neutron emission for (n,2nd)



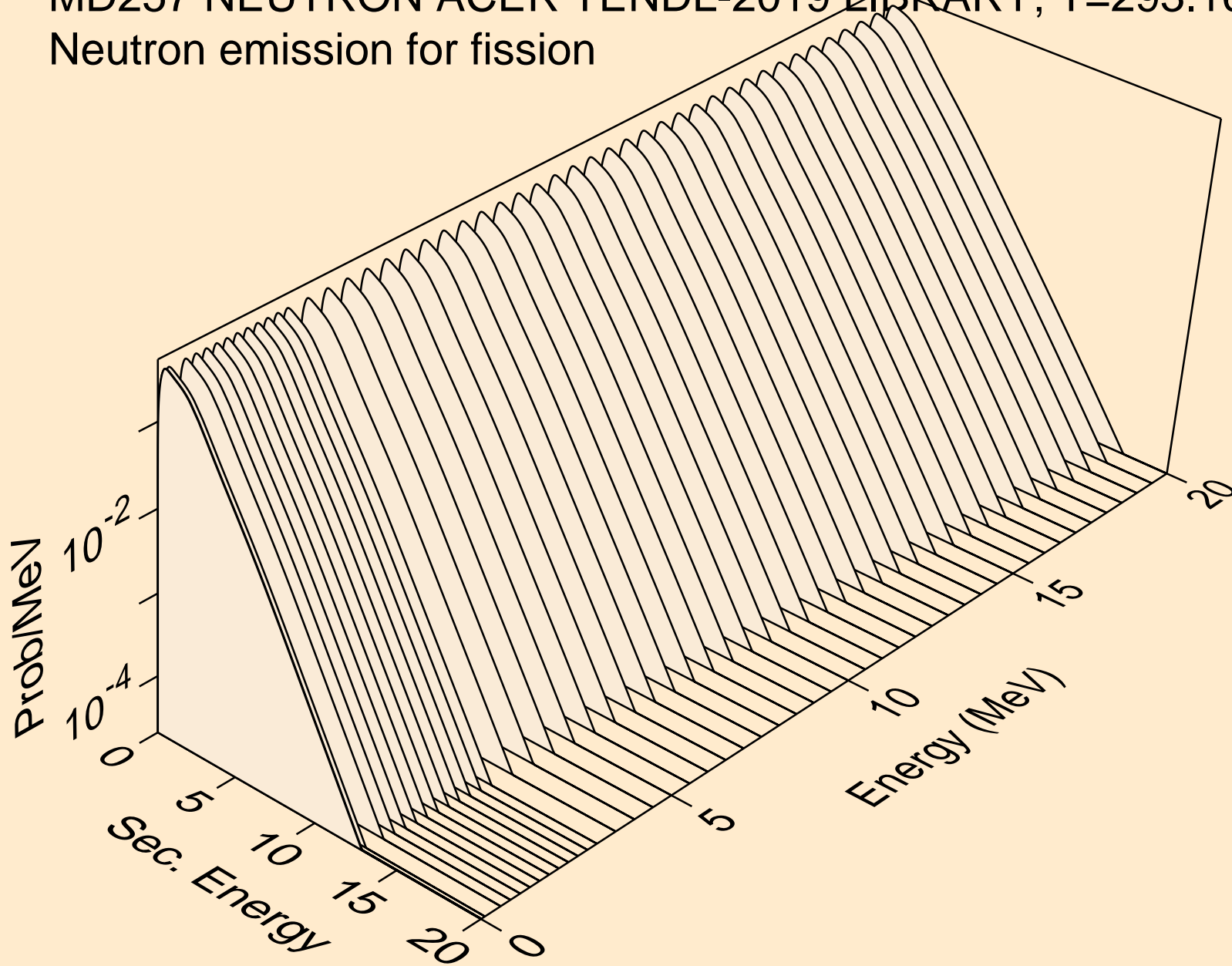
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Neutron emission for (n,2n)



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

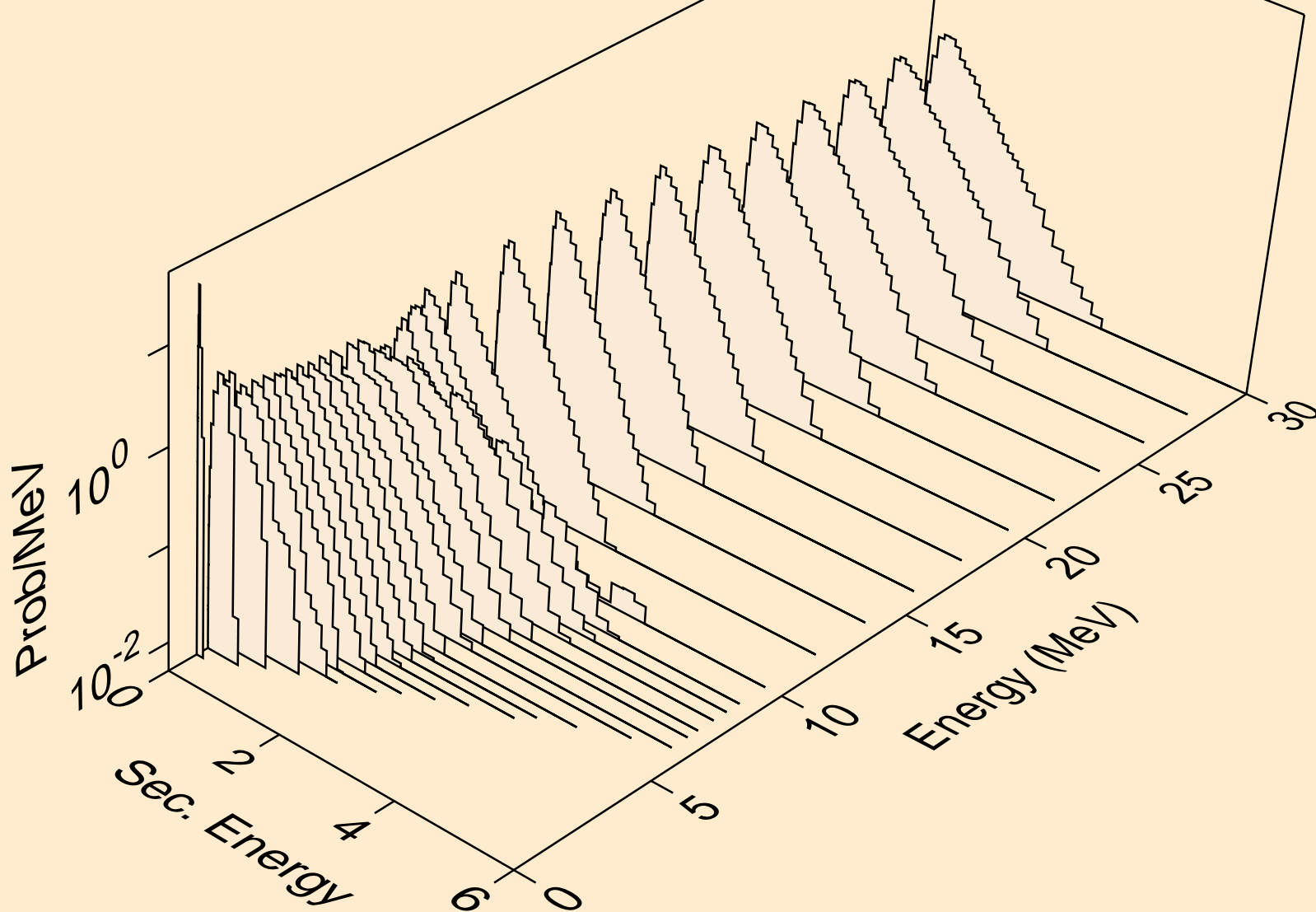


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Neutron emission for fission

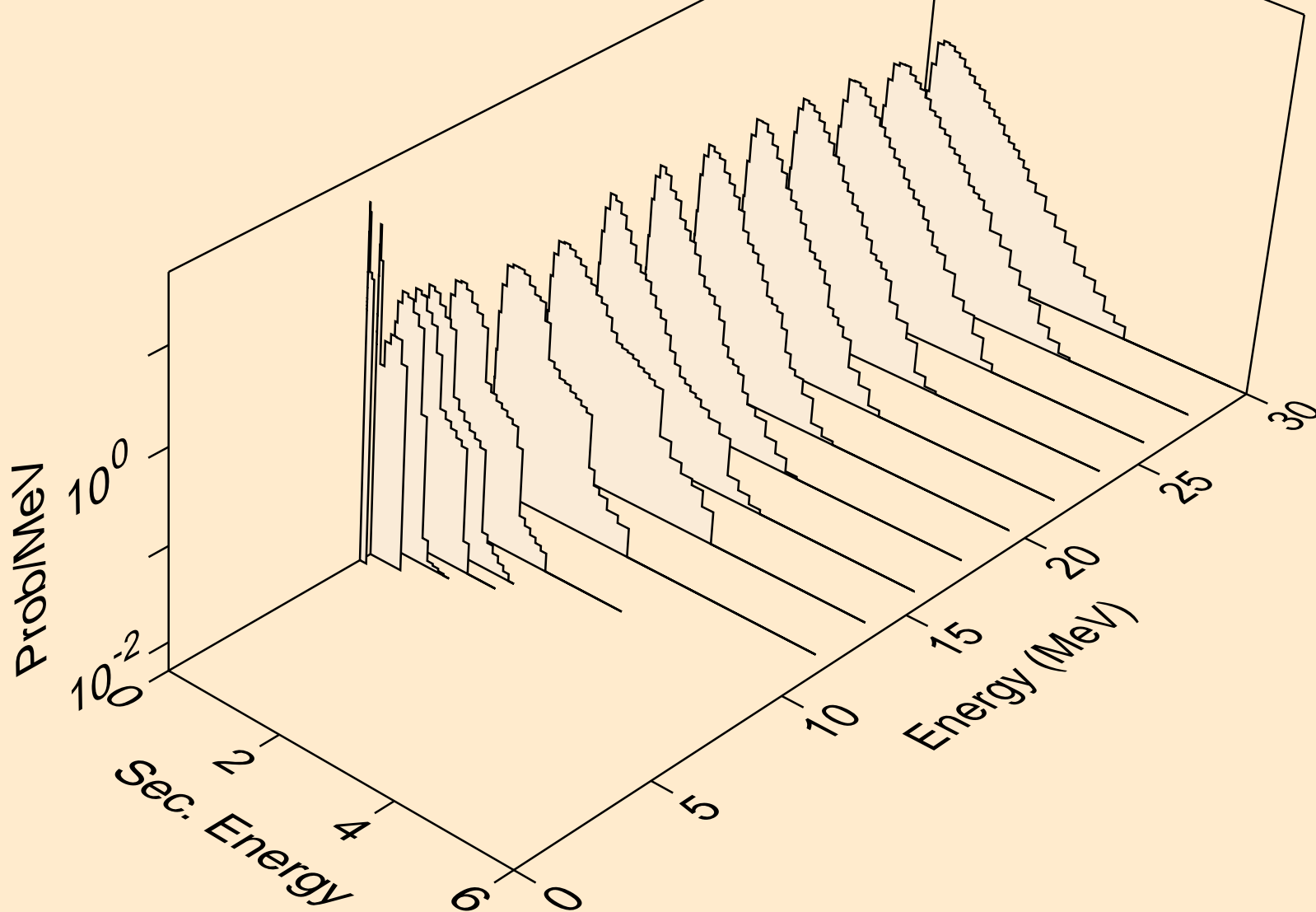




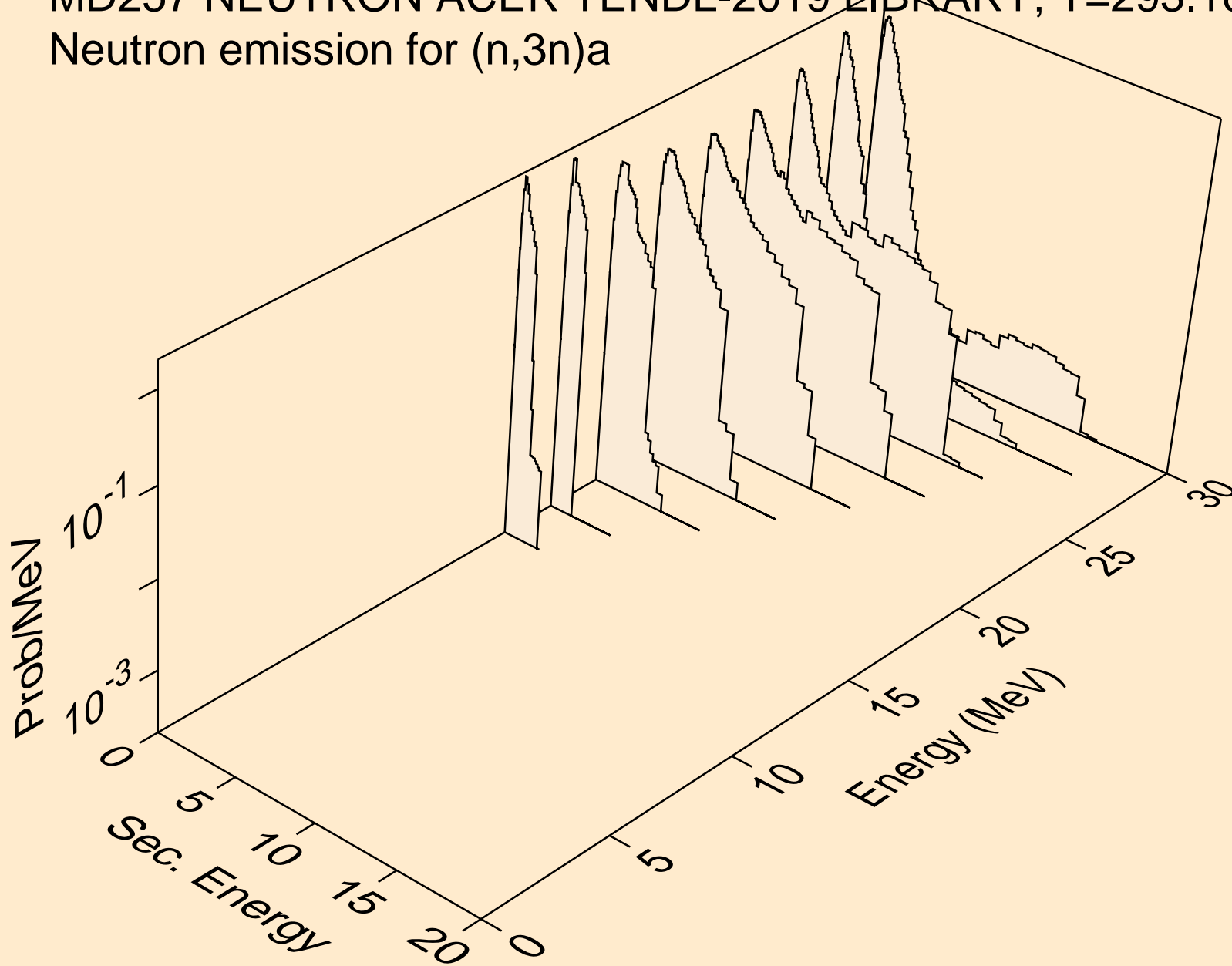
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Neutron emission for (n,n\*)a



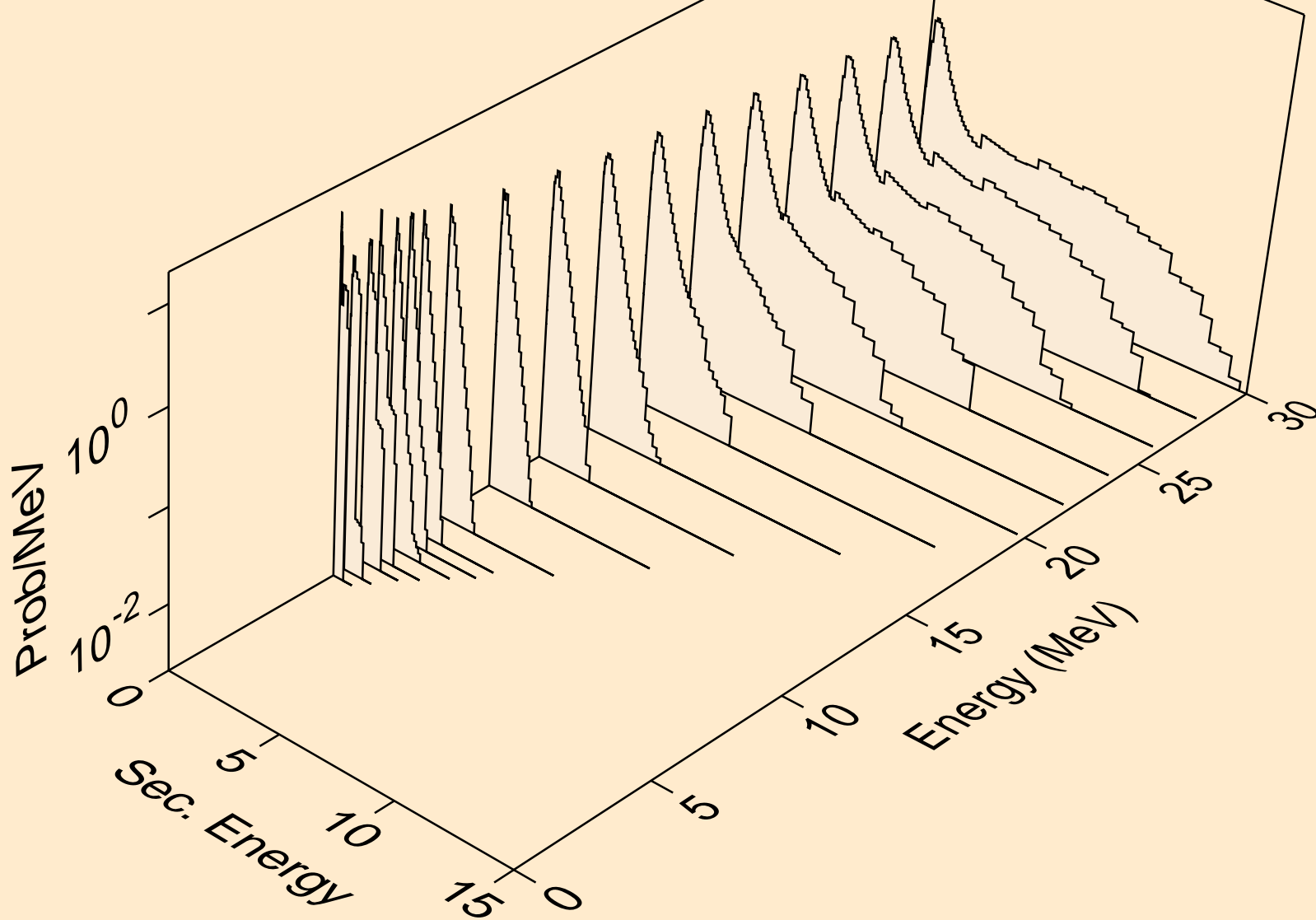
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Neutron emission for (n,2n)a



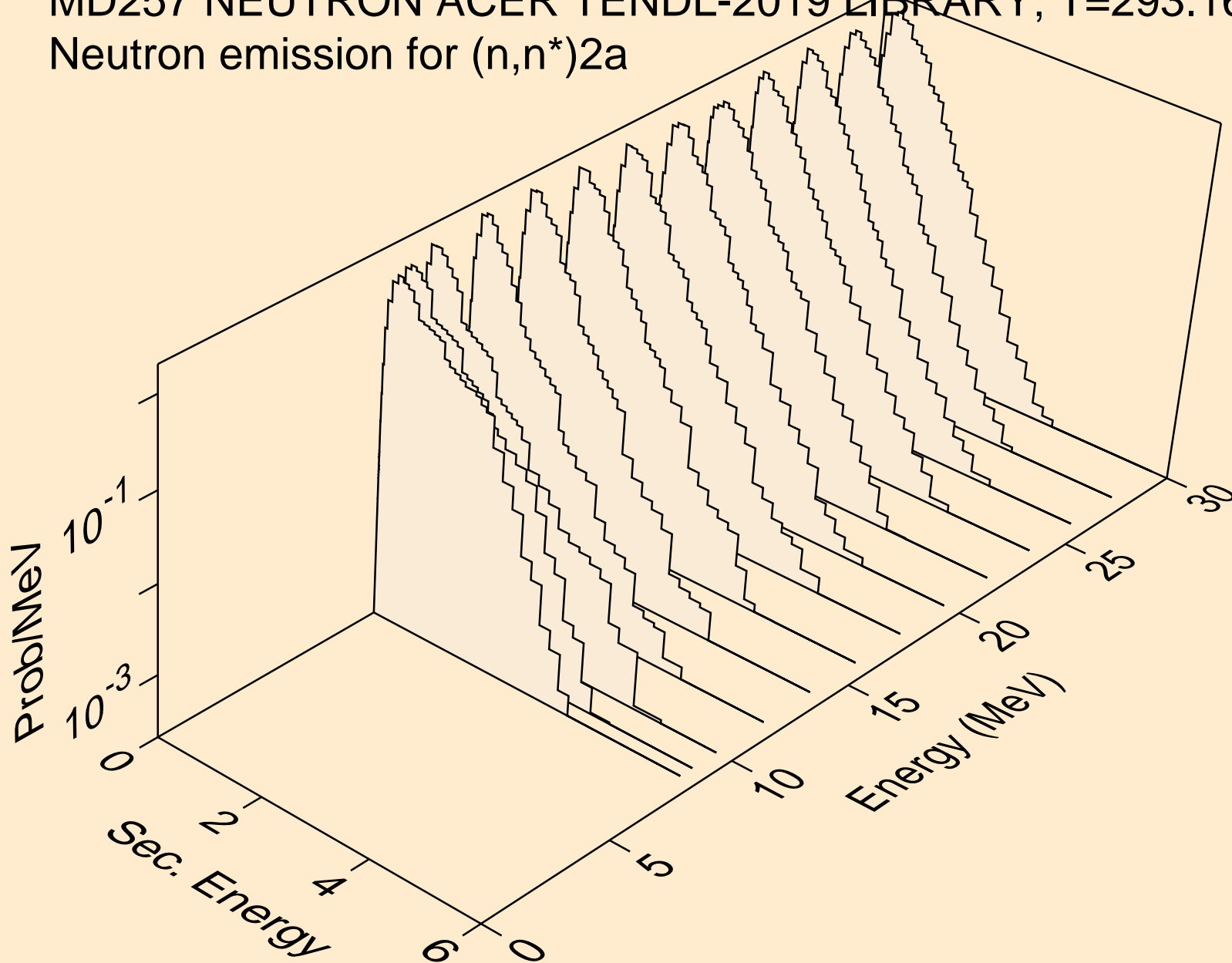
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Neutron emission for (n,3n)a



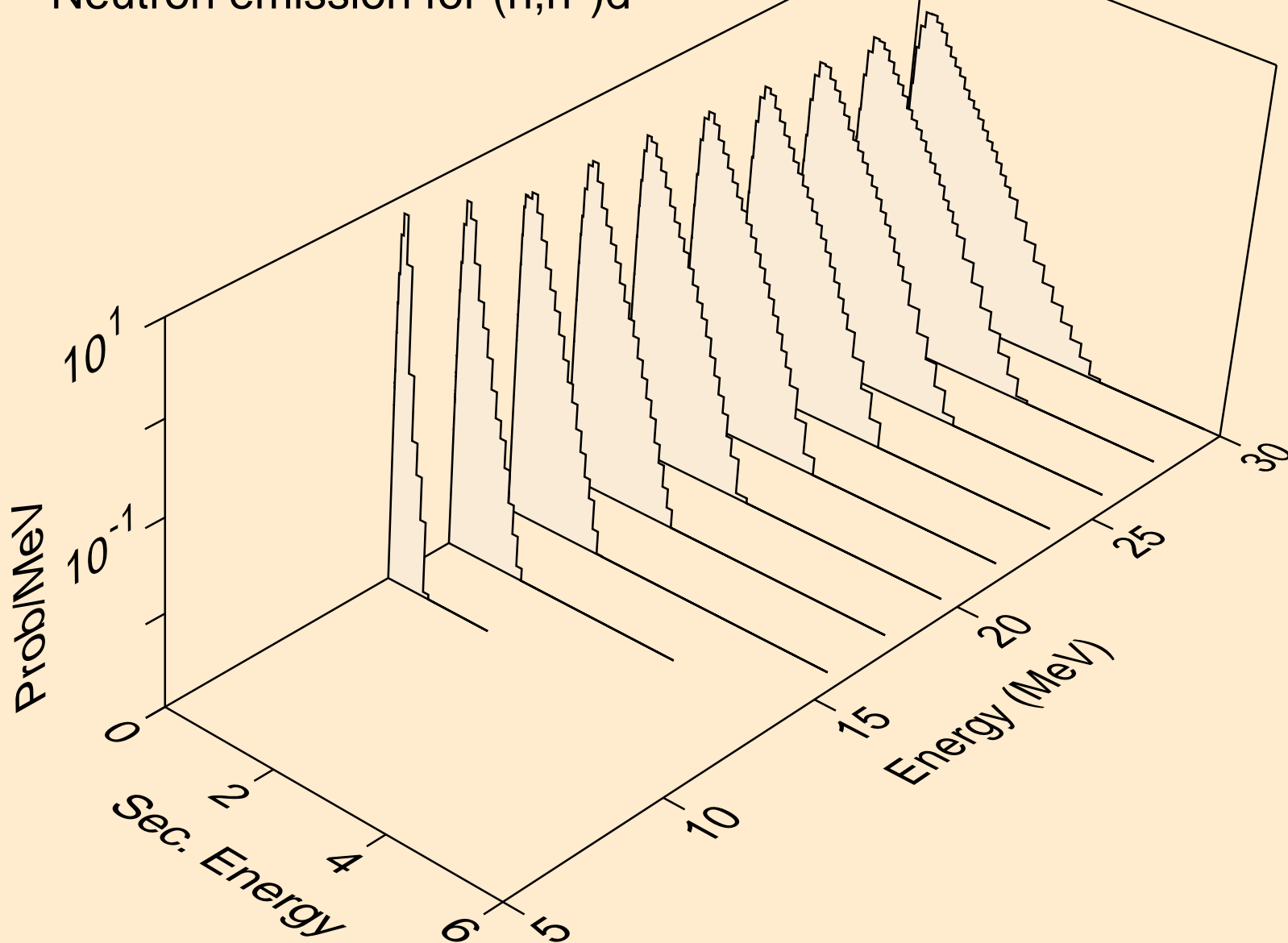
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Neutron emission for (n,n\*)p



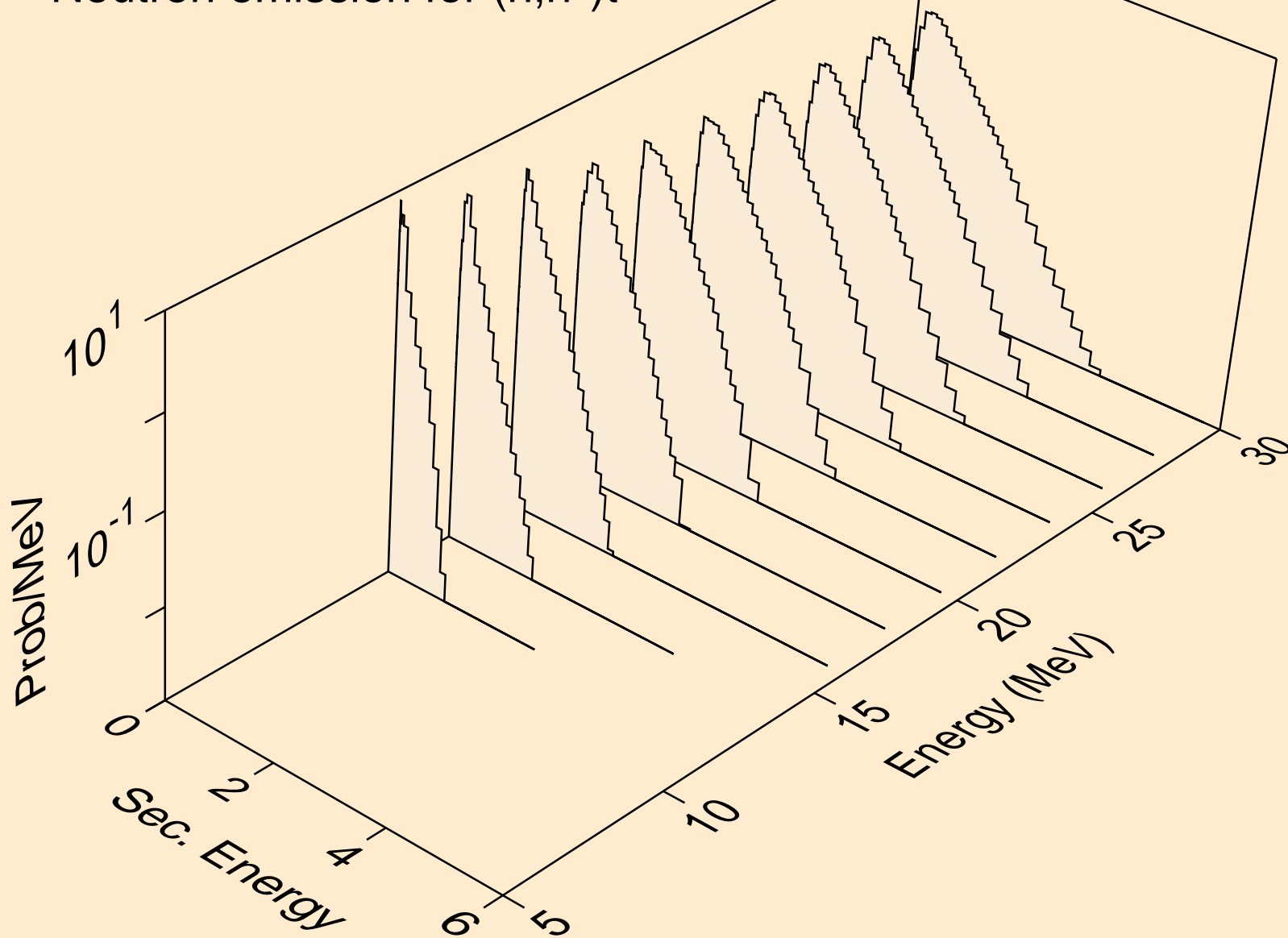
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Neutron emission for (n,n\*)2a



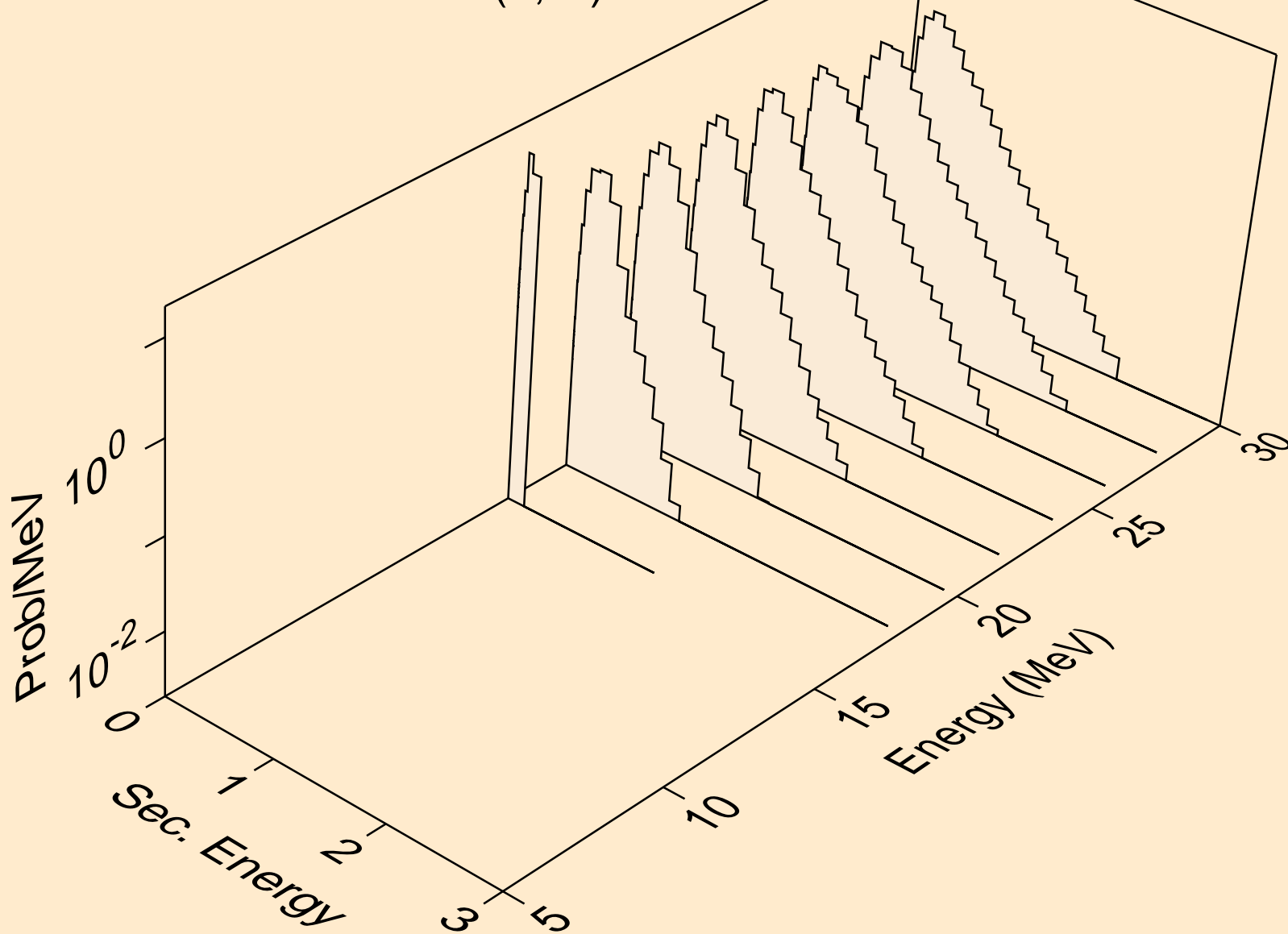
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t

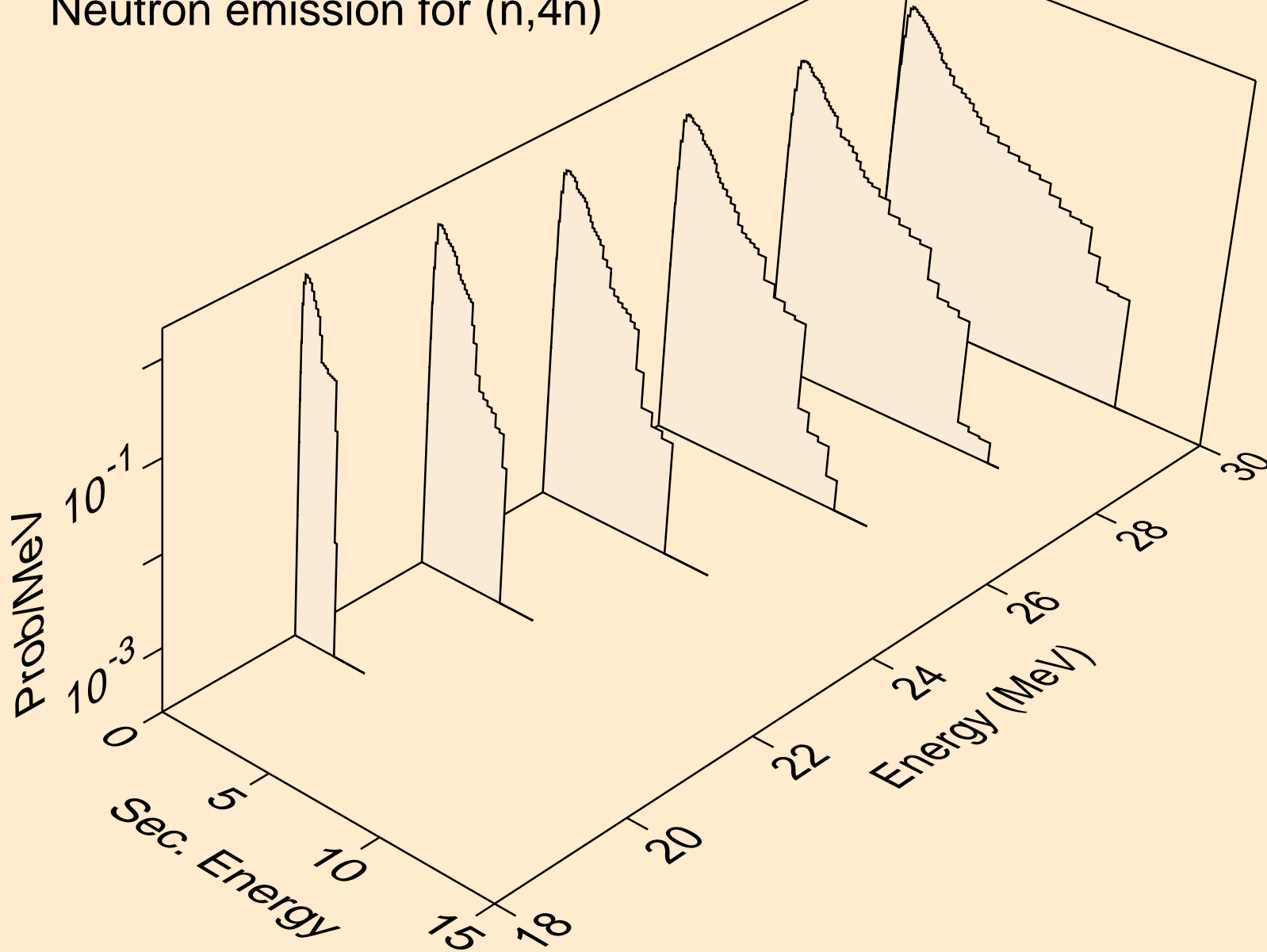


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Neutron emission for (n,n\*)he3

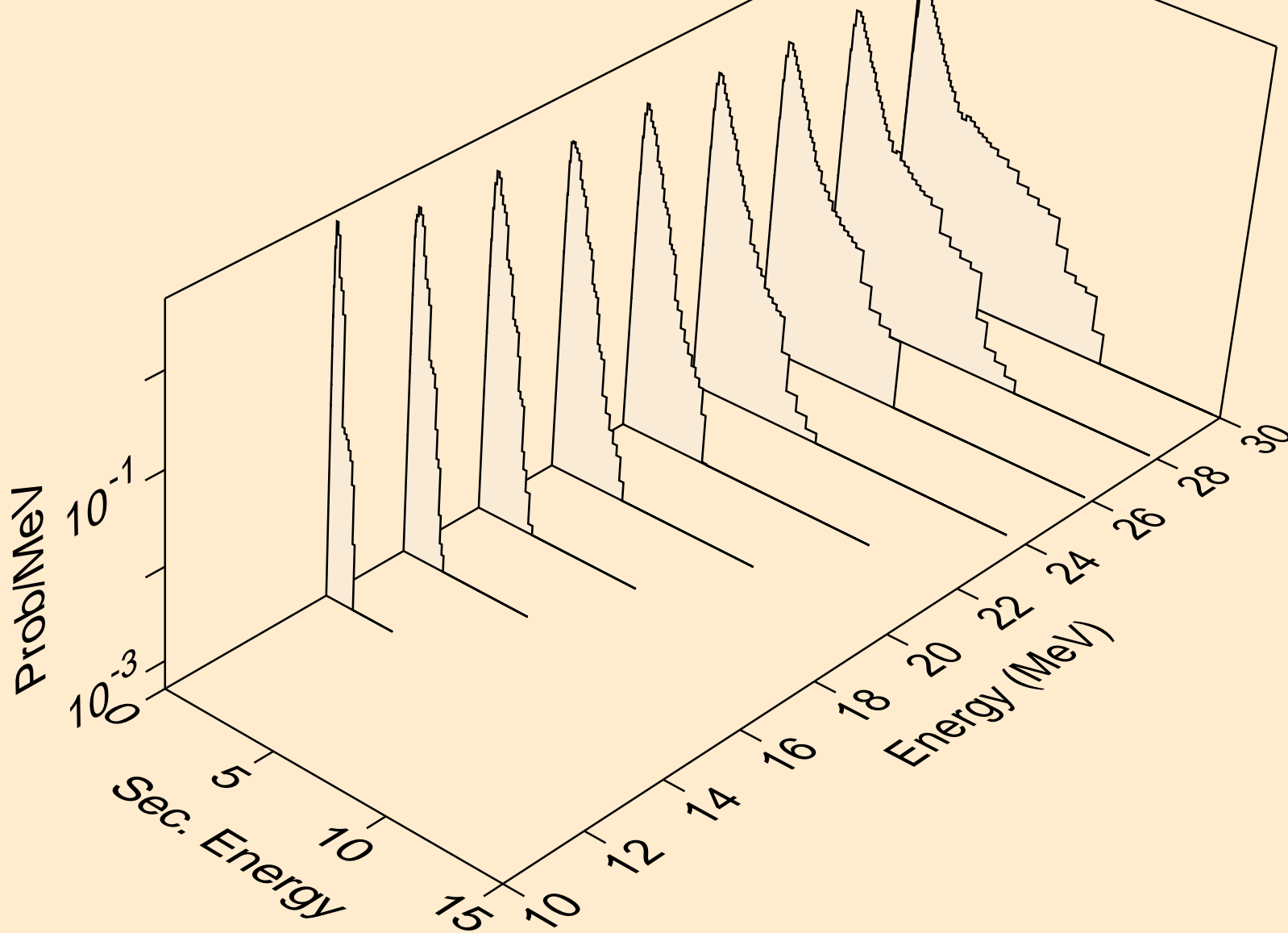




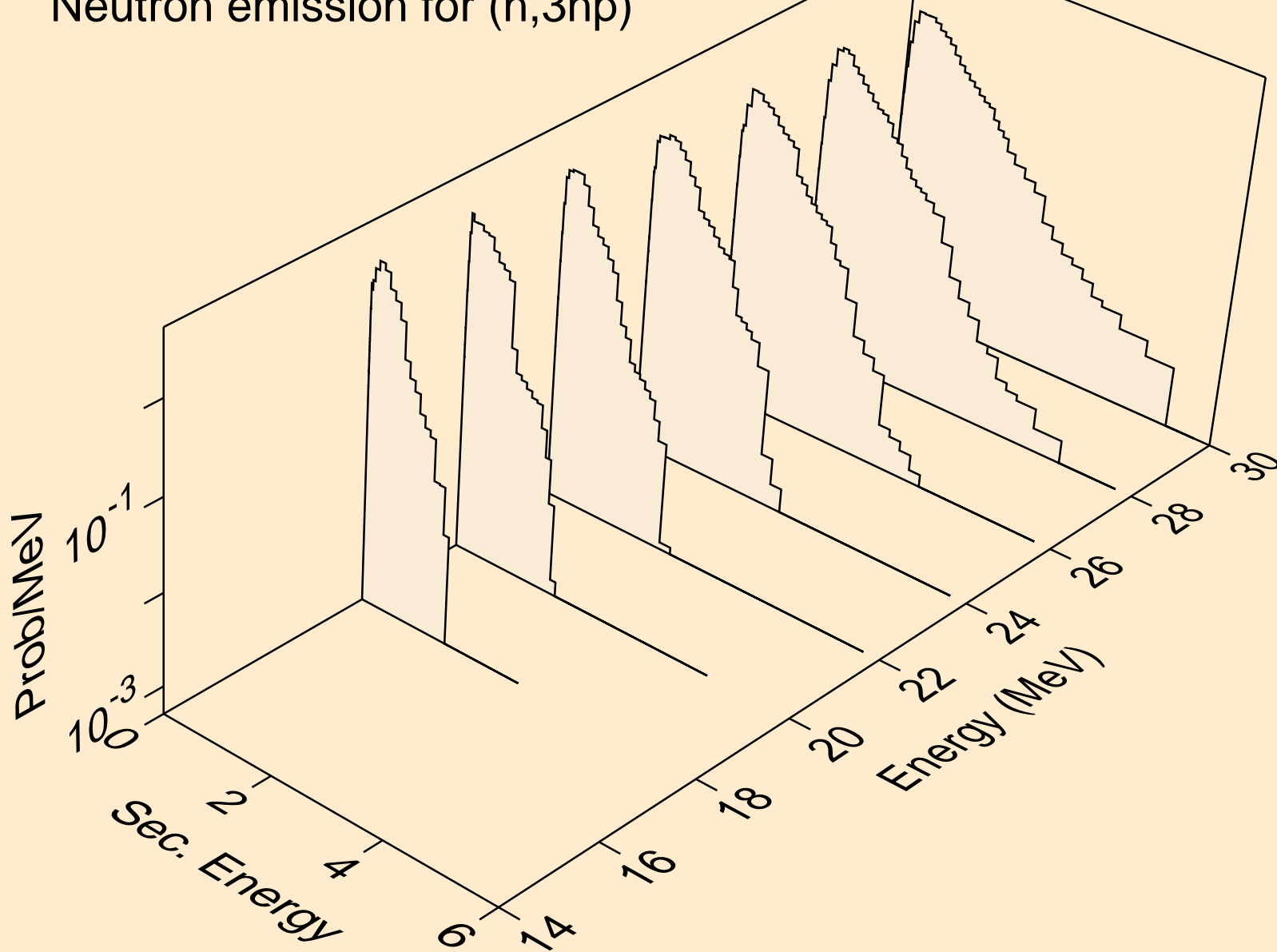
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Neutron emission for (n,4n)



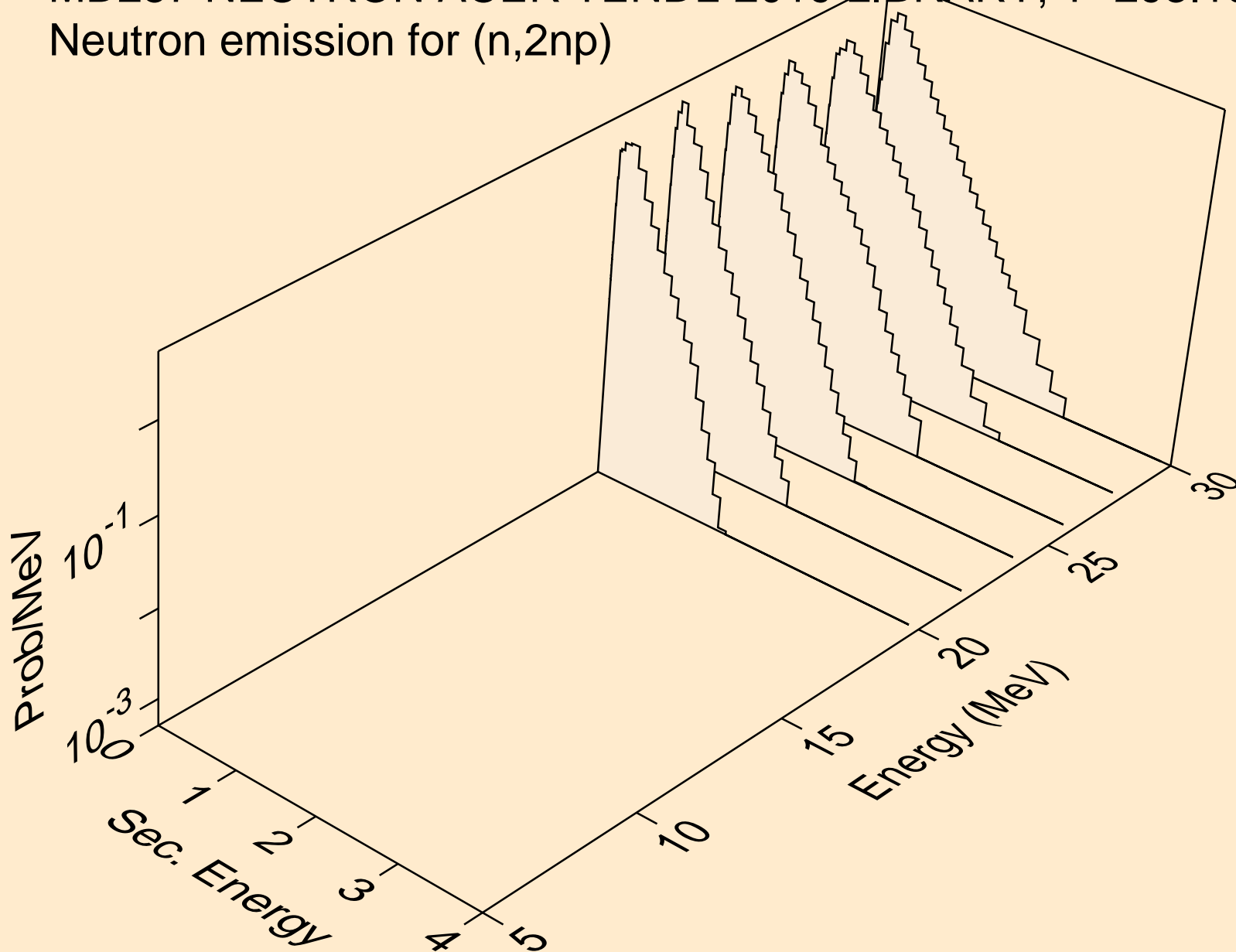
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Neutron emission for (n,2np)



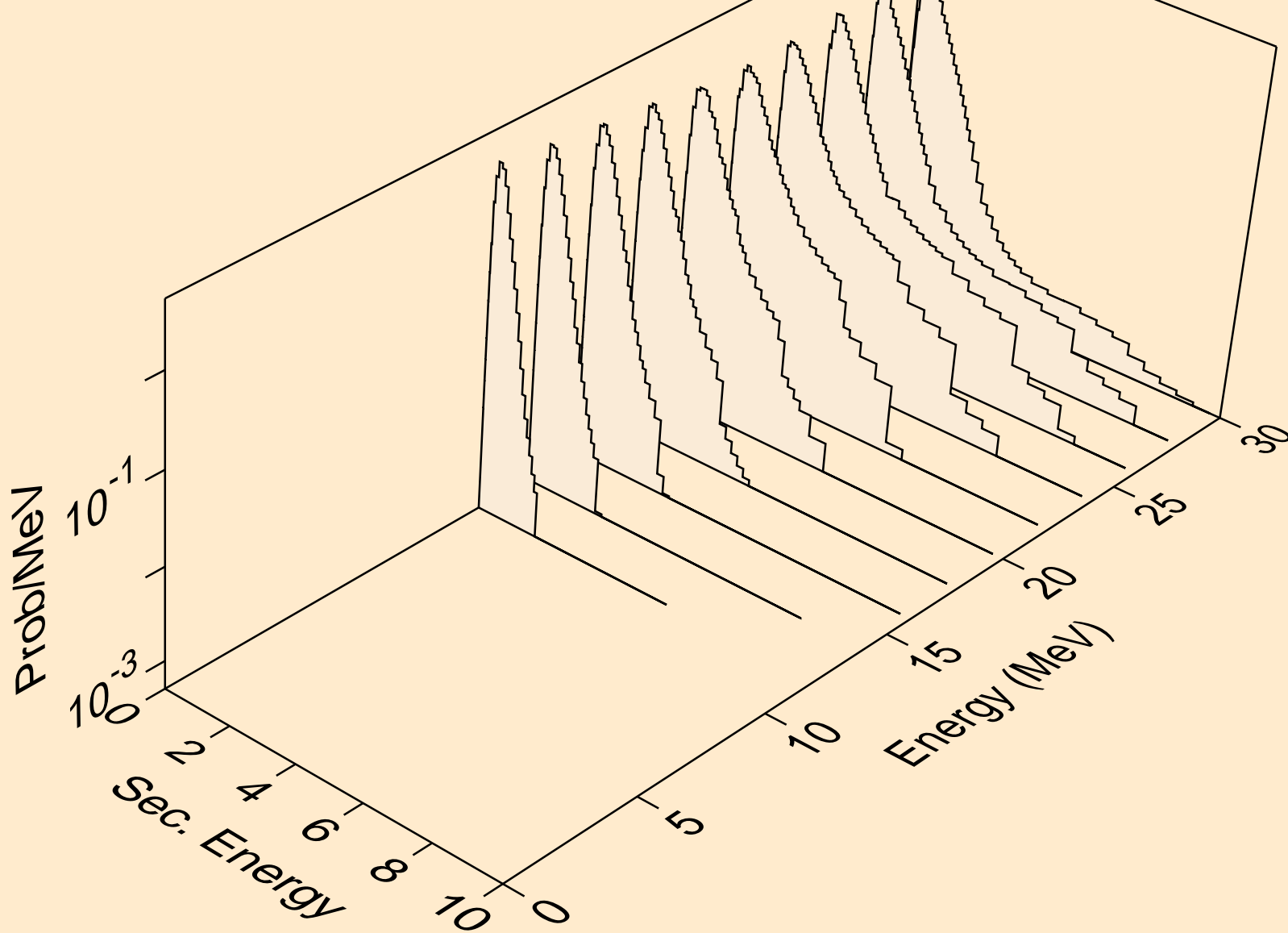
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Neutron emission for (n,3np)



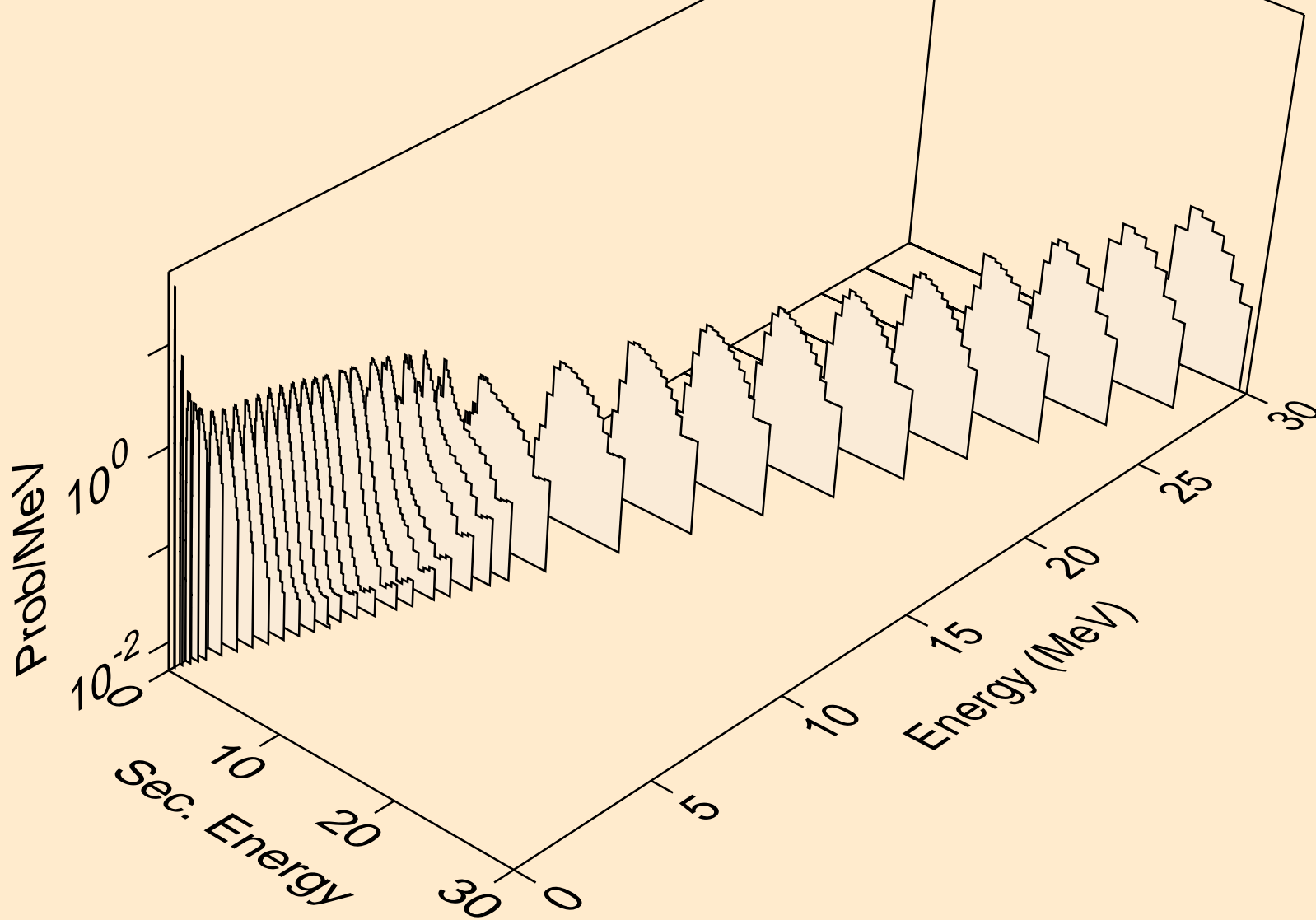
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Neutron emission for (n,2np)



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)

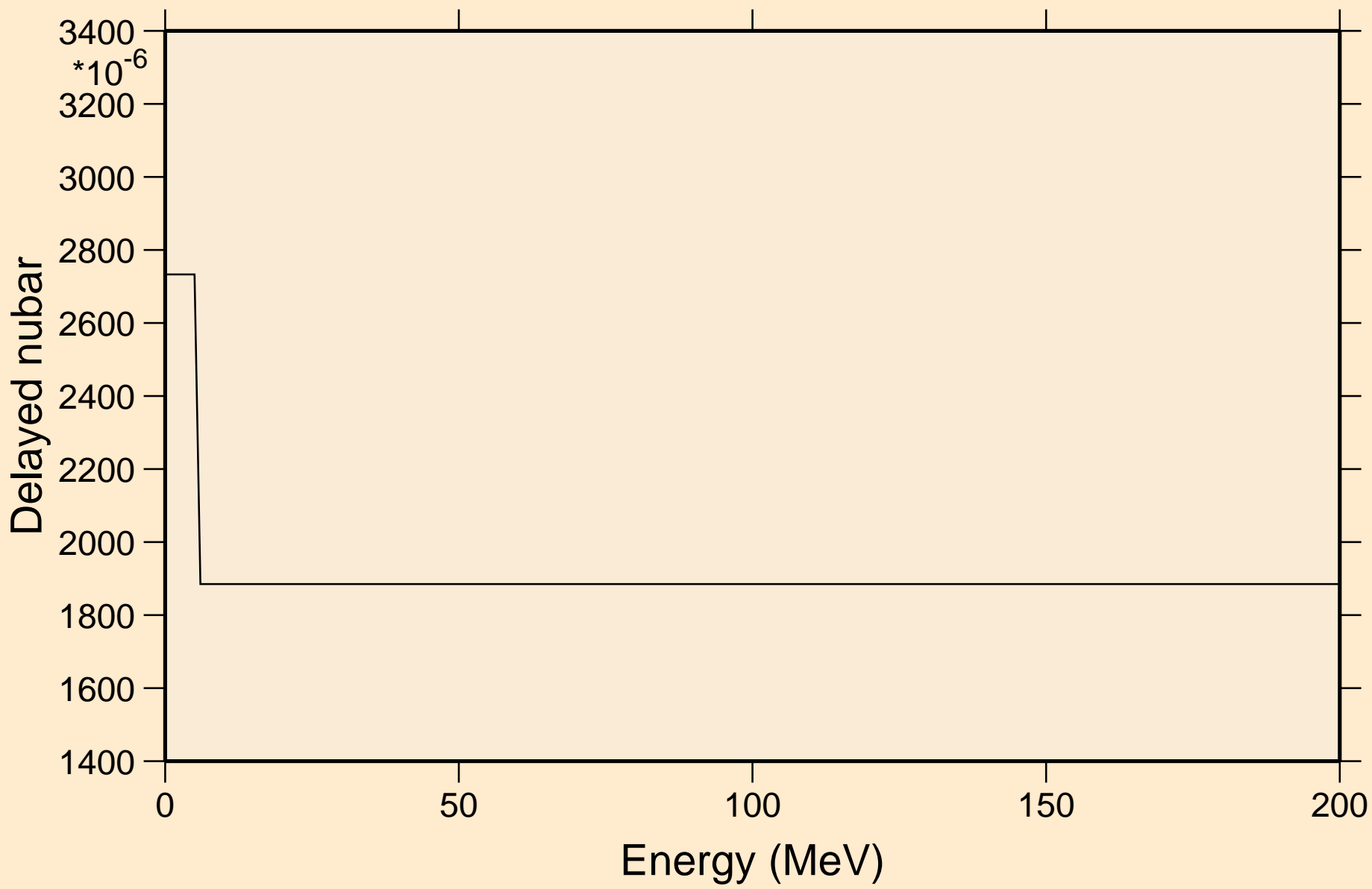


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Neutron emission for (n,n\*c)



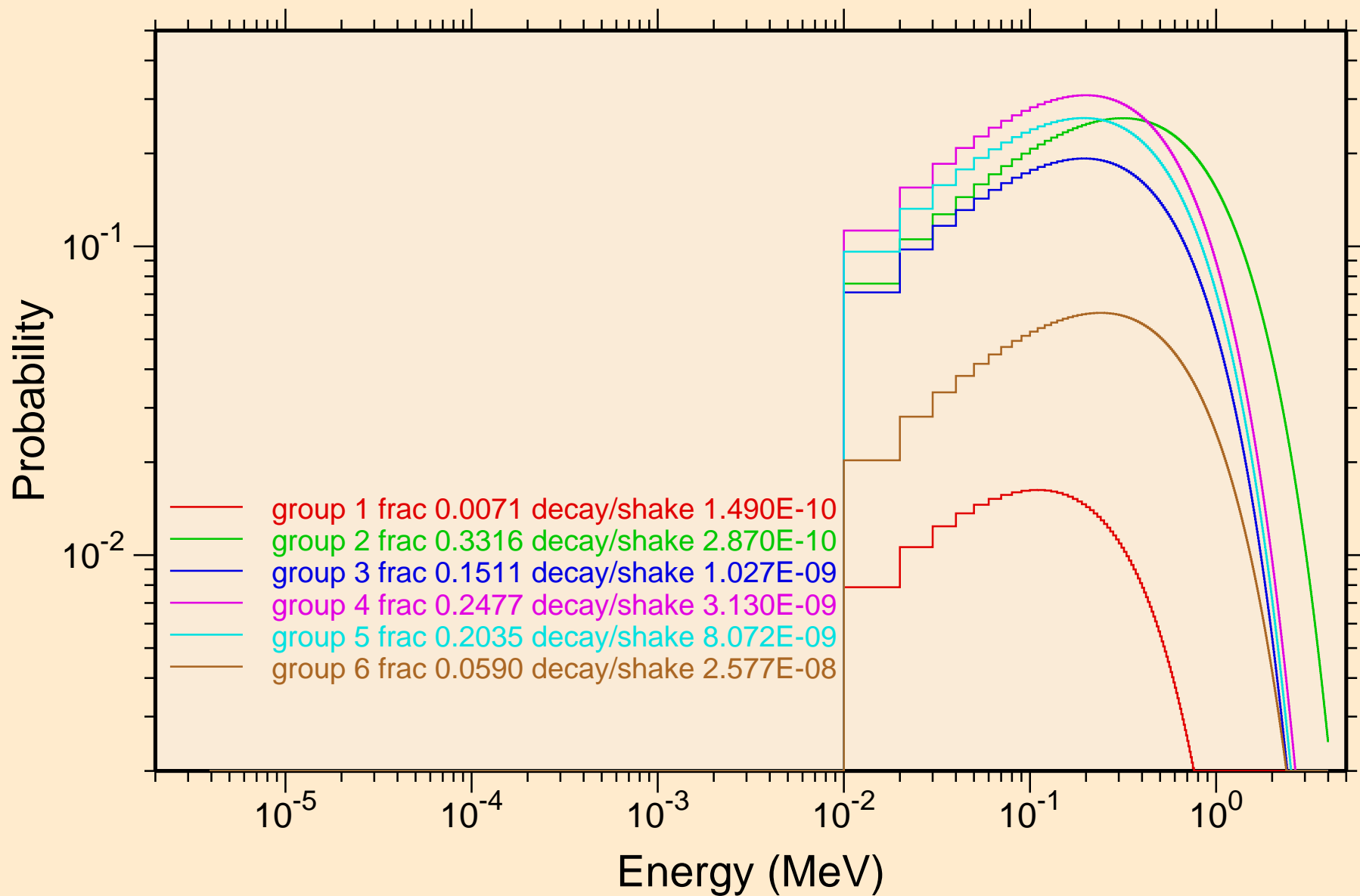
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Delayed nubar



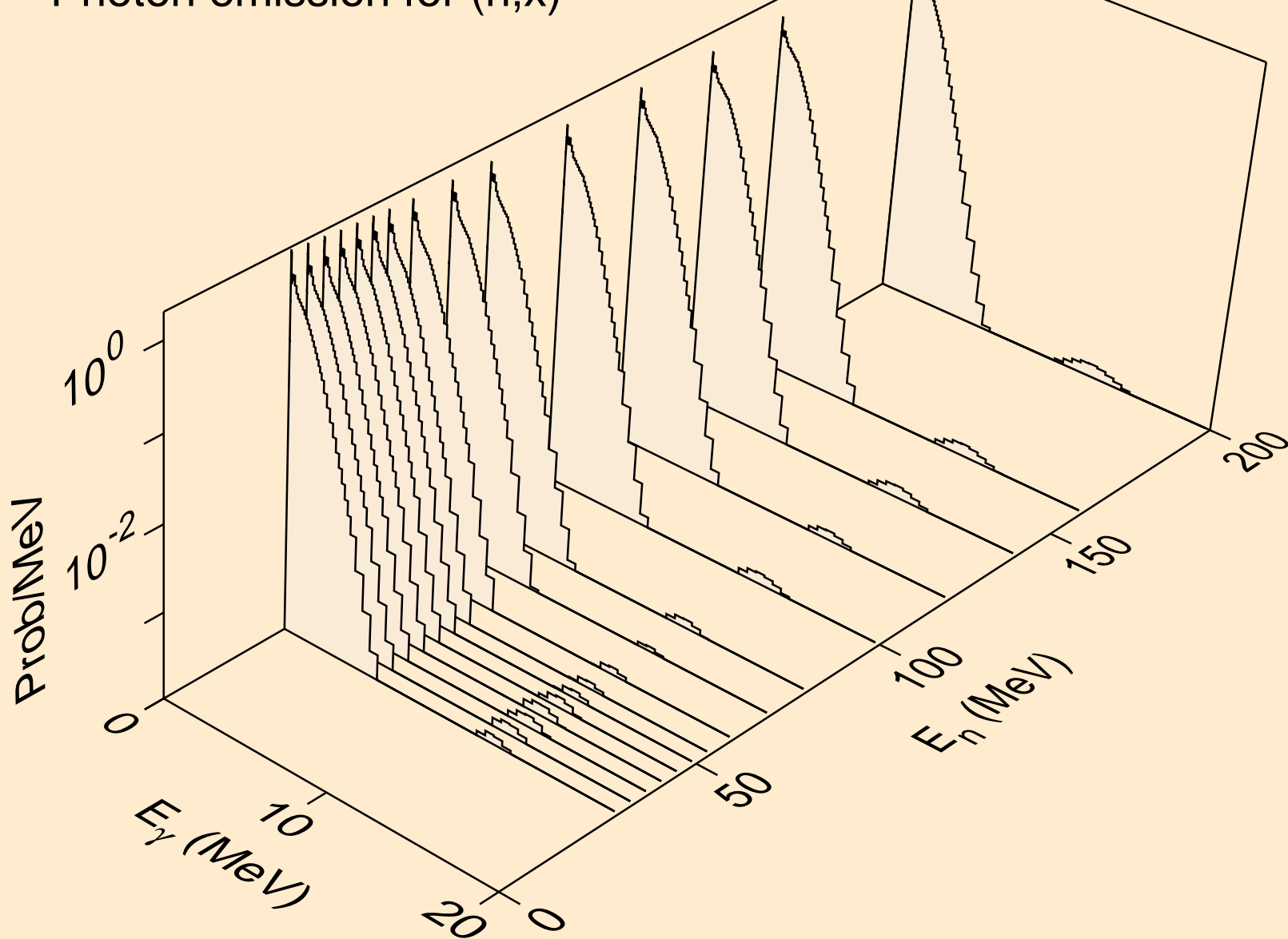
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## Delayed neutron spectra

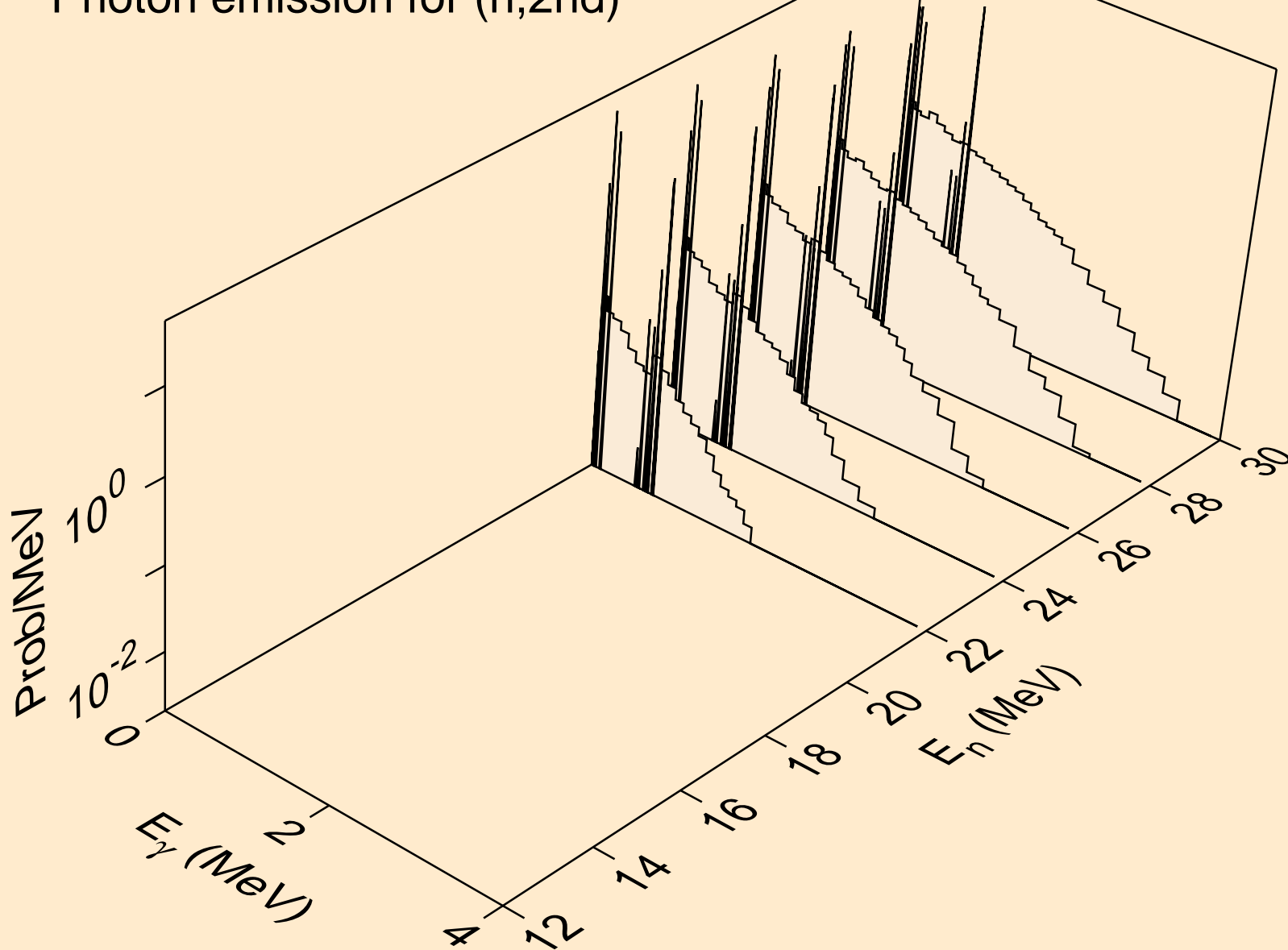




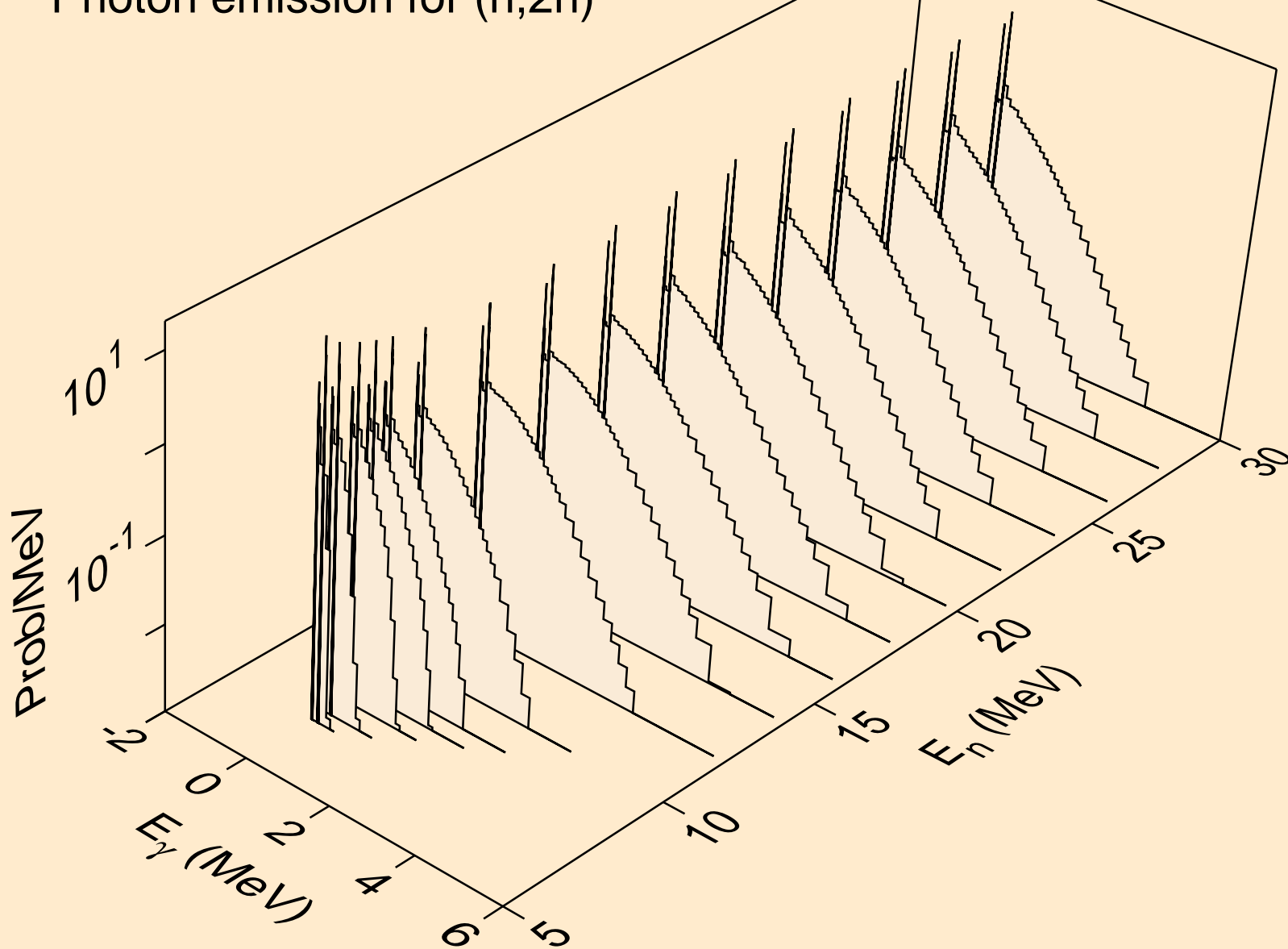
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



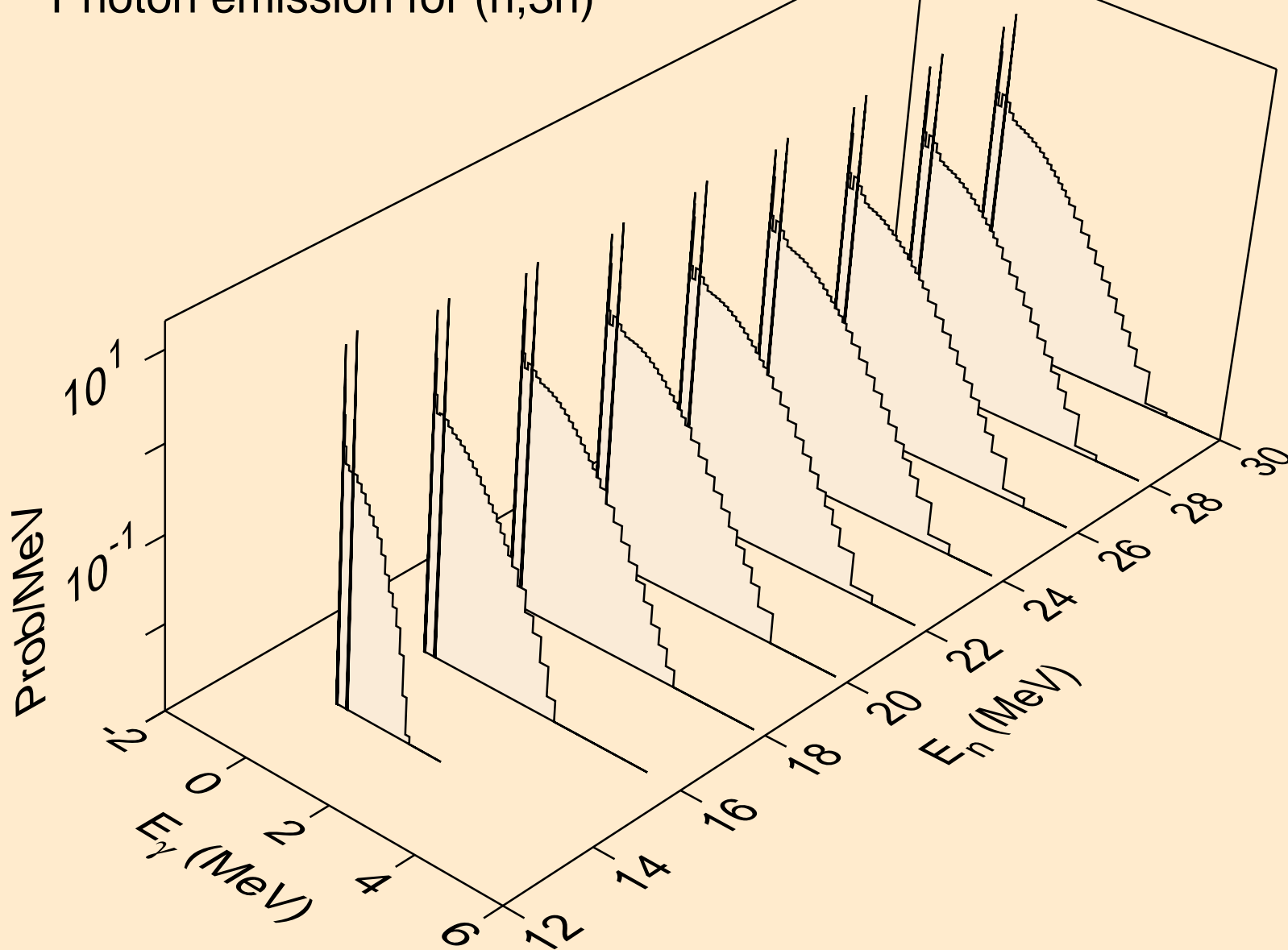
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Photon emission for (n,2nd)



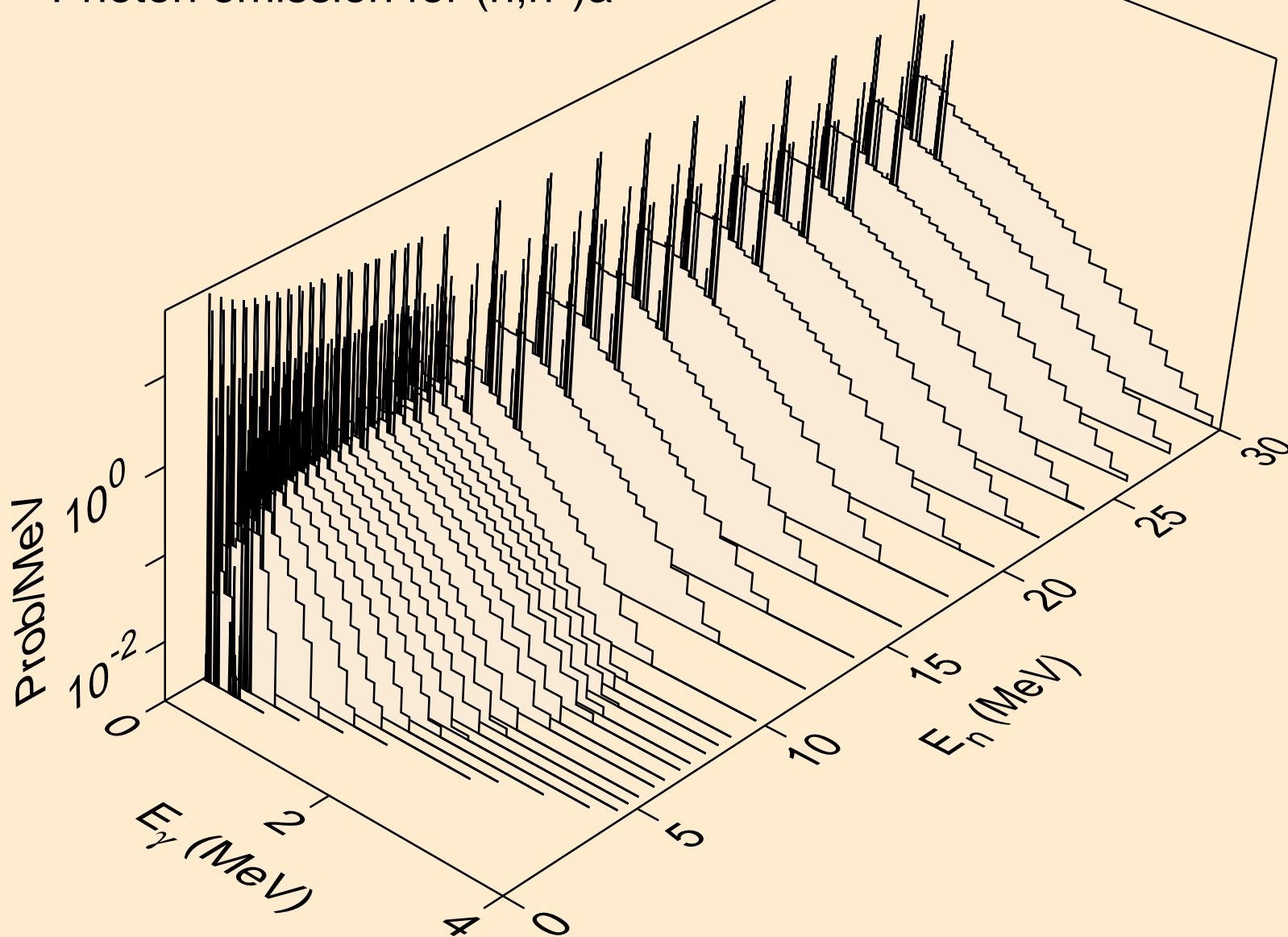
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Photon emission for (n,2n)



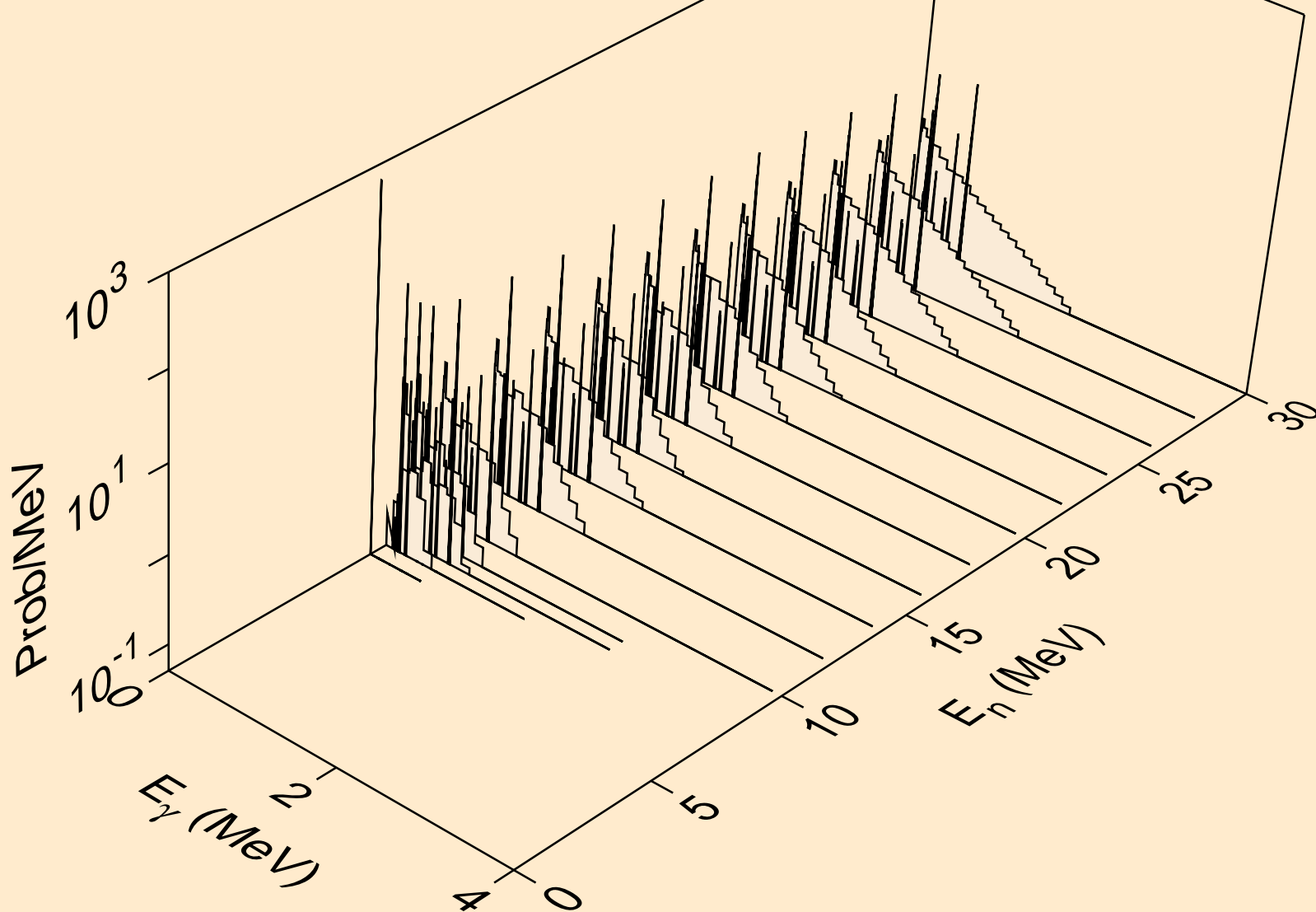
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Photon emission for (n,3n)



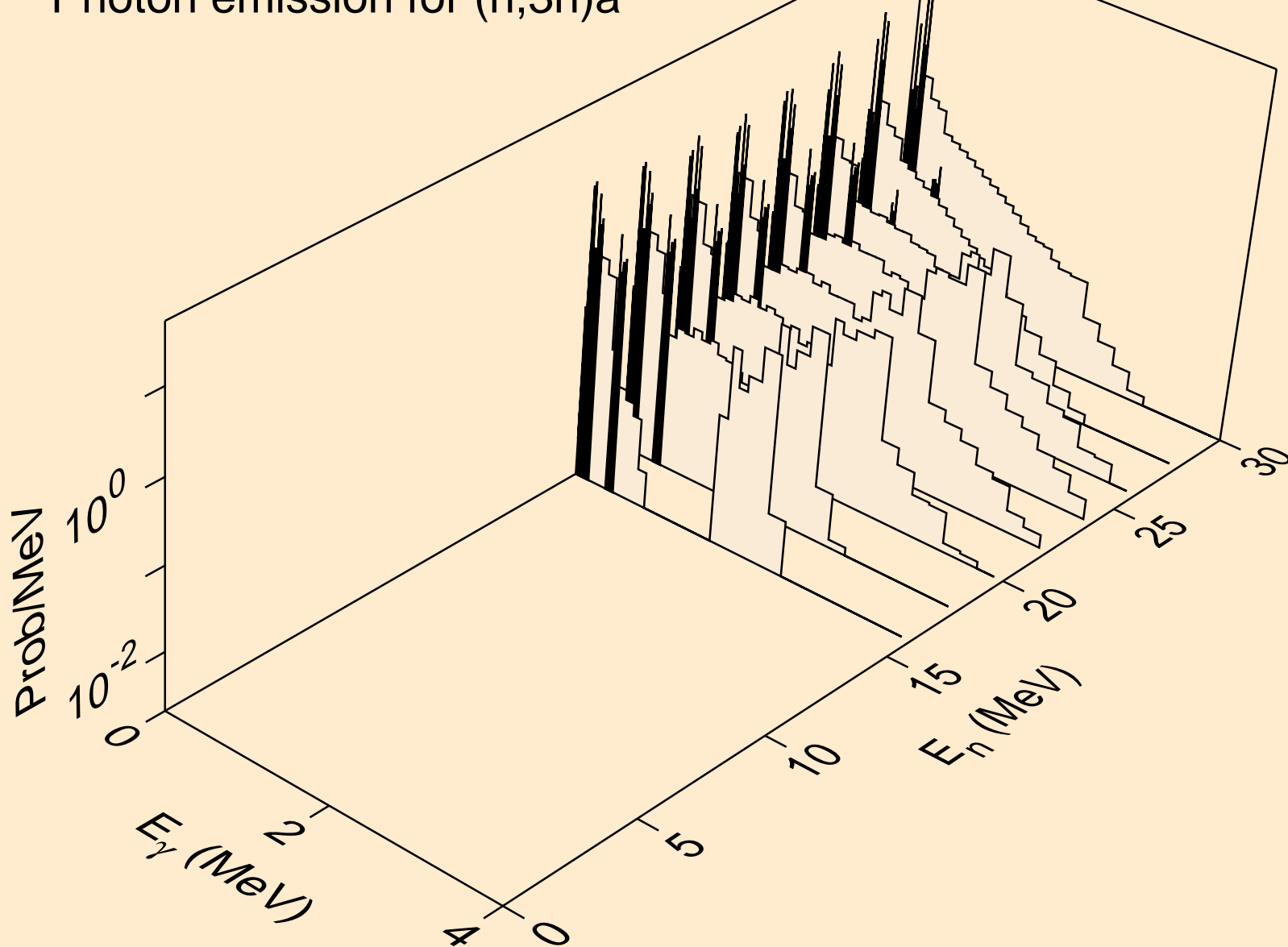
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Photon emission for (n,n\*)a



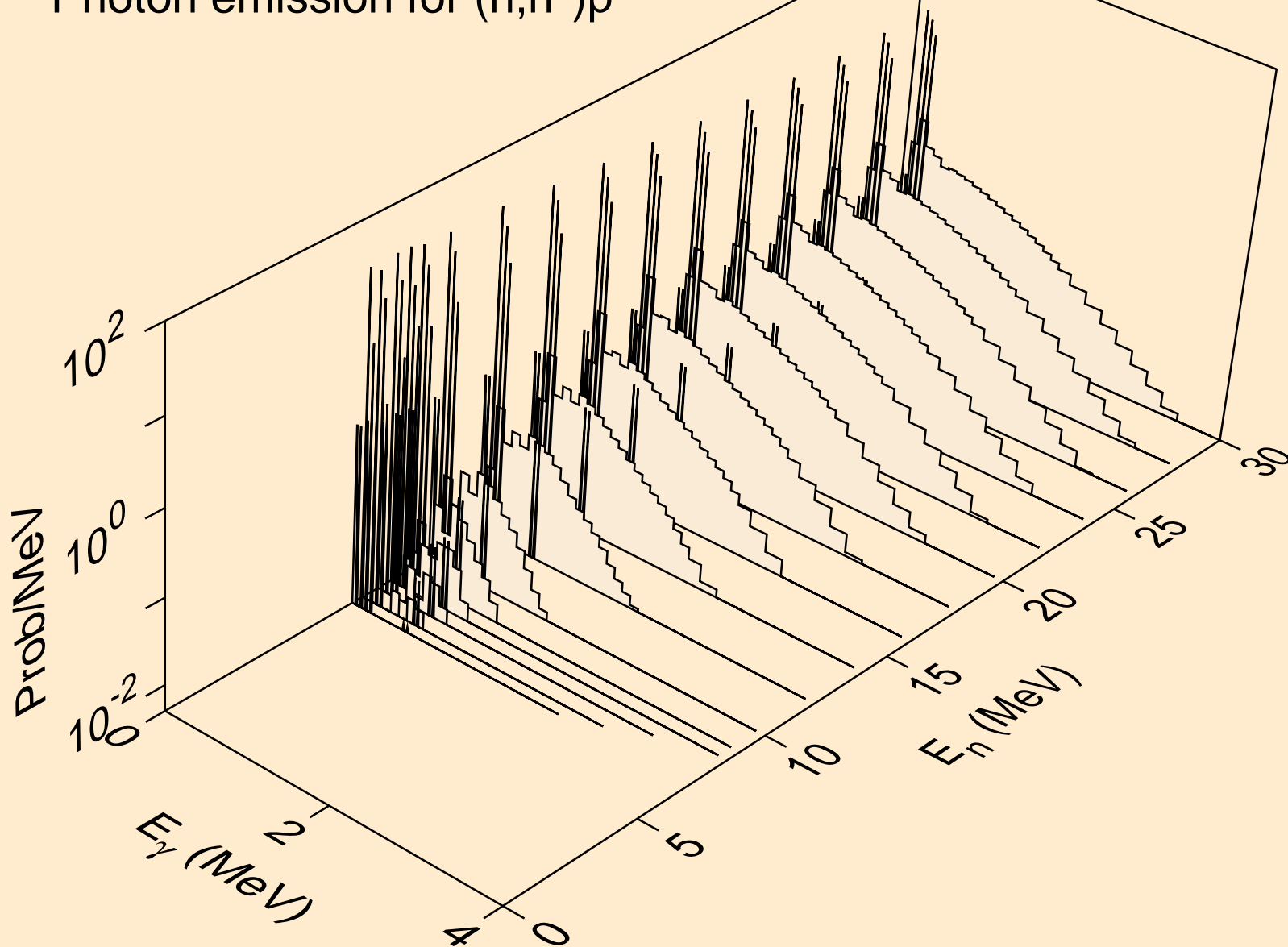
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



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Photon emission for (n,3n)a

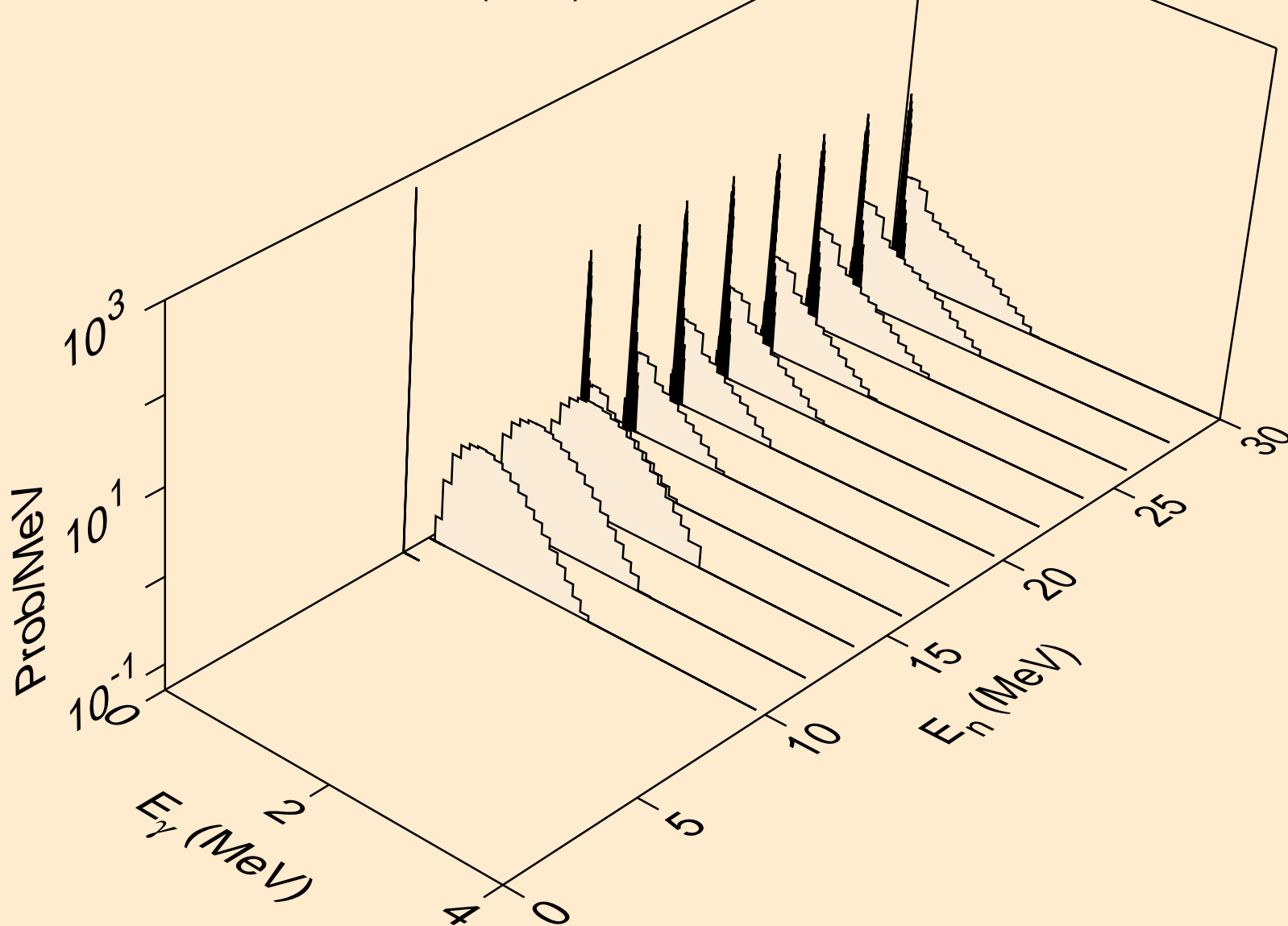


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Photon emission for (n,n\*)p

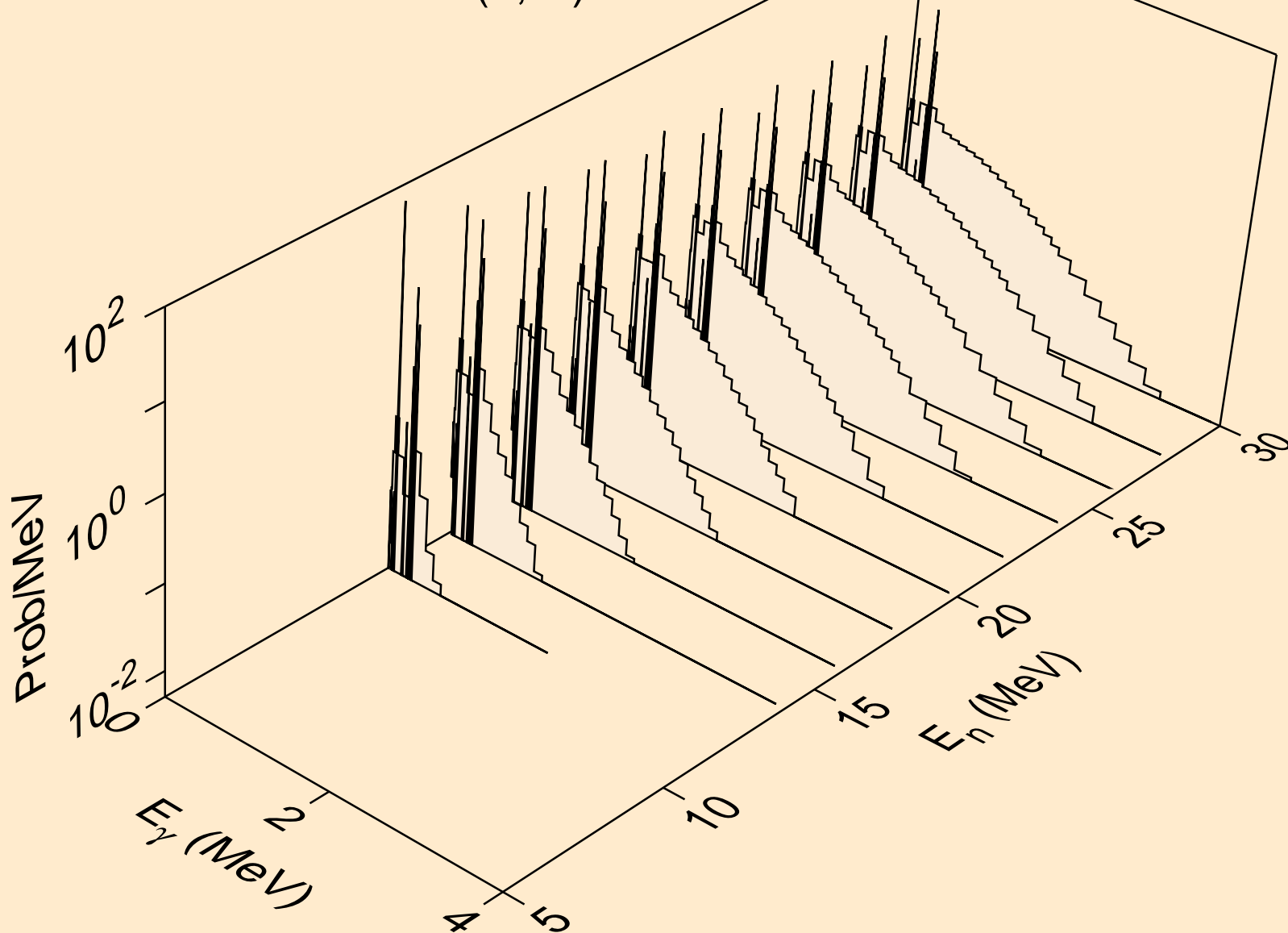




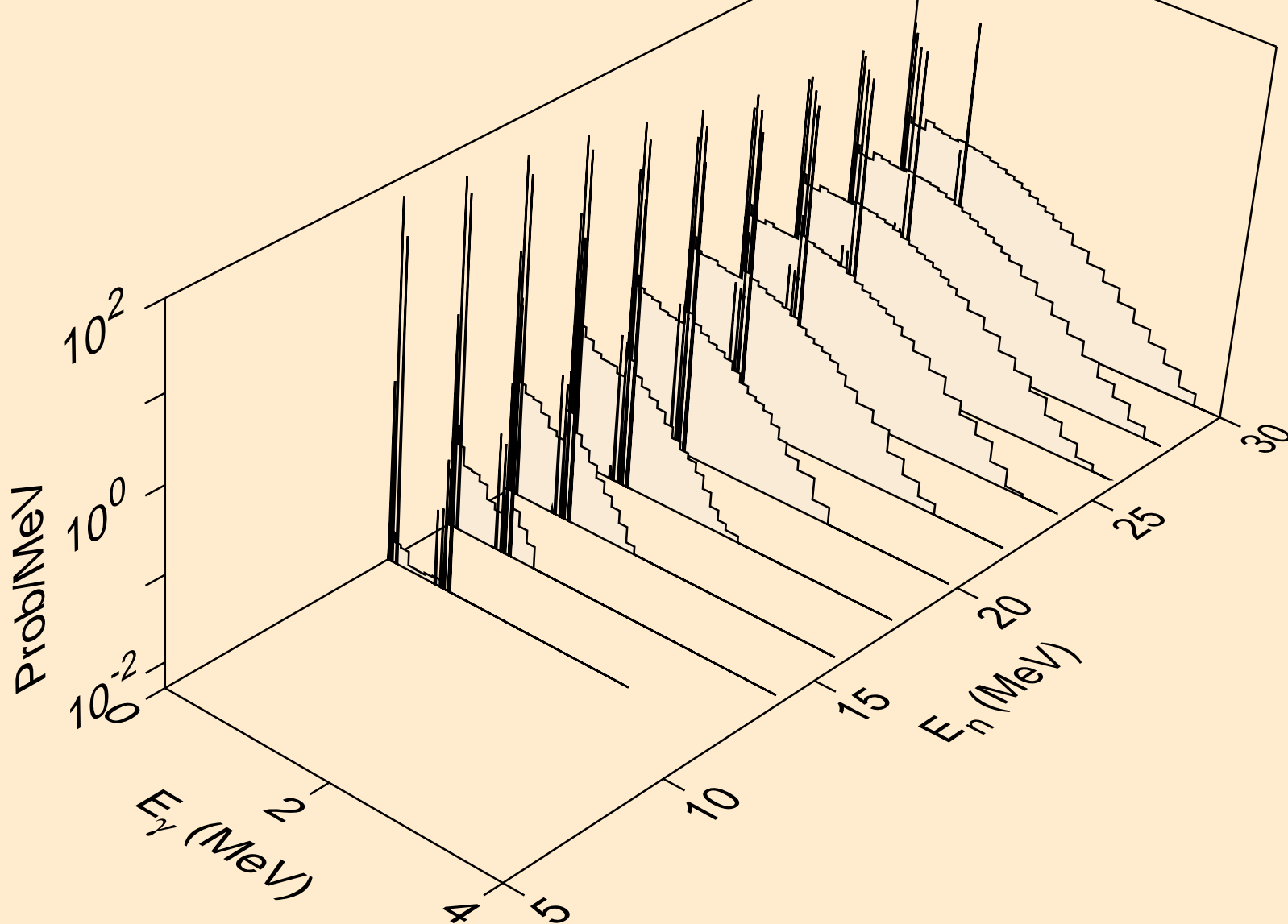
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Photon emission for (n,n\*)2a



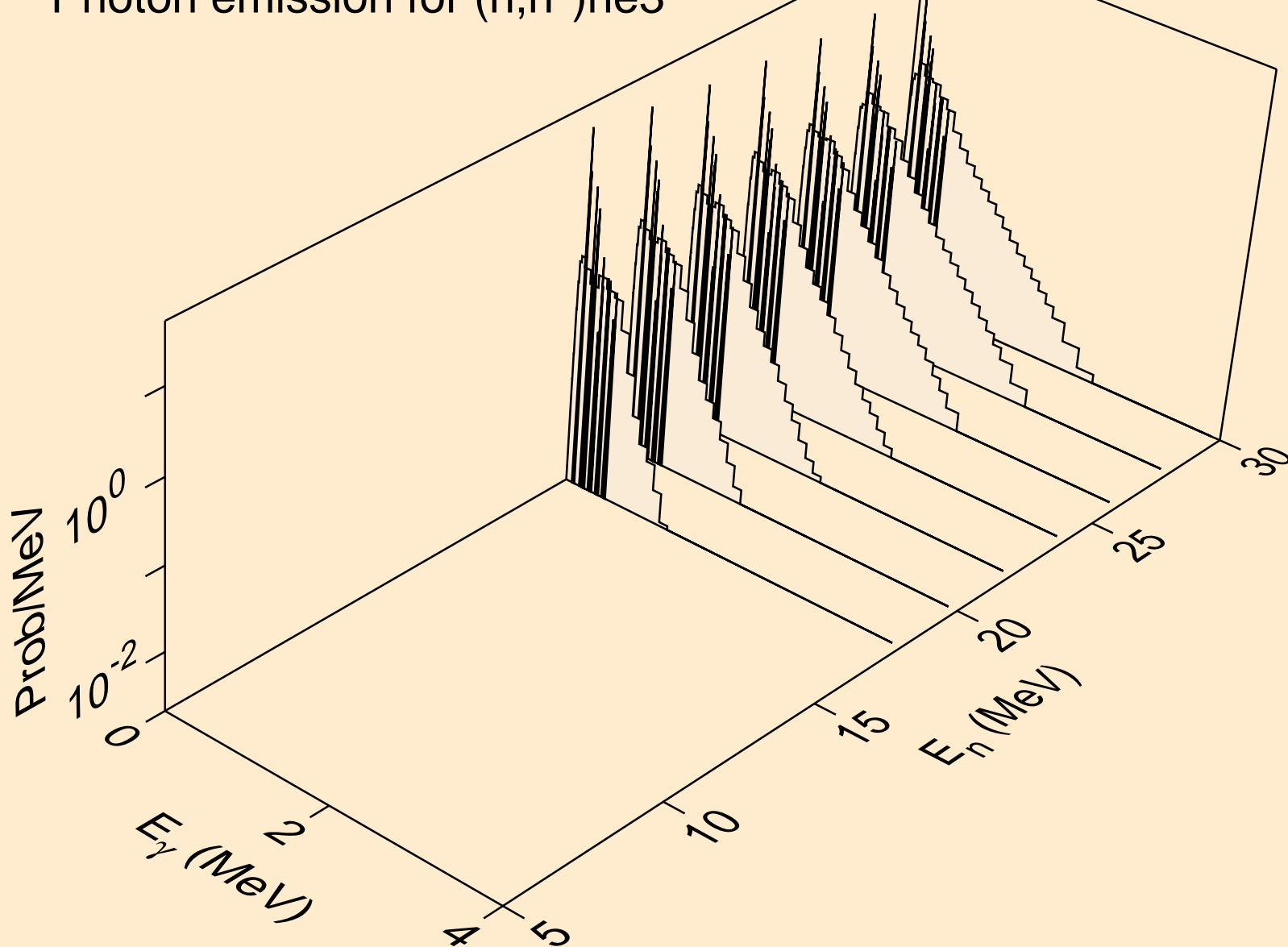
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Photon emission for (n,n\*)d



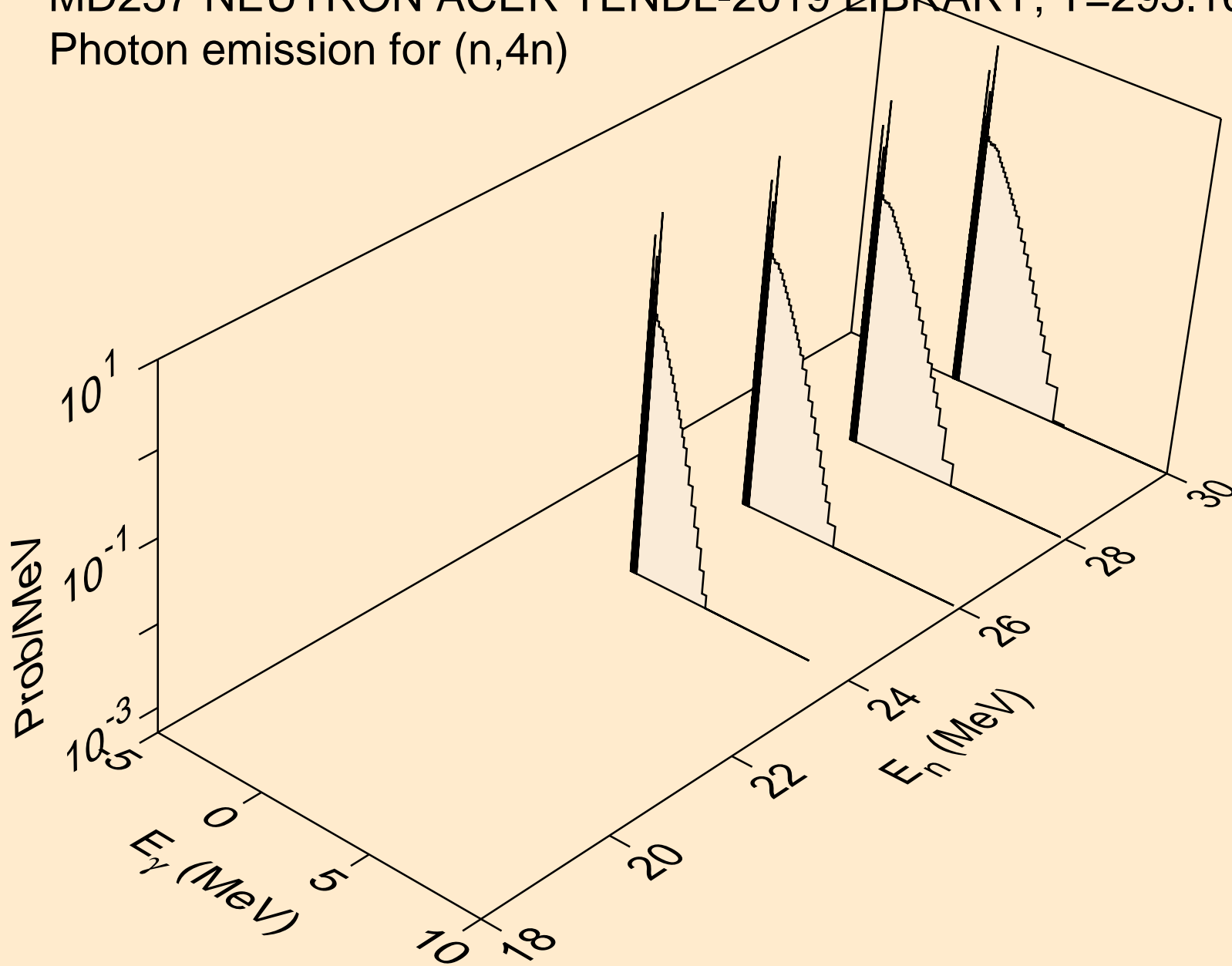
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Photon emission for (n,n\*)t



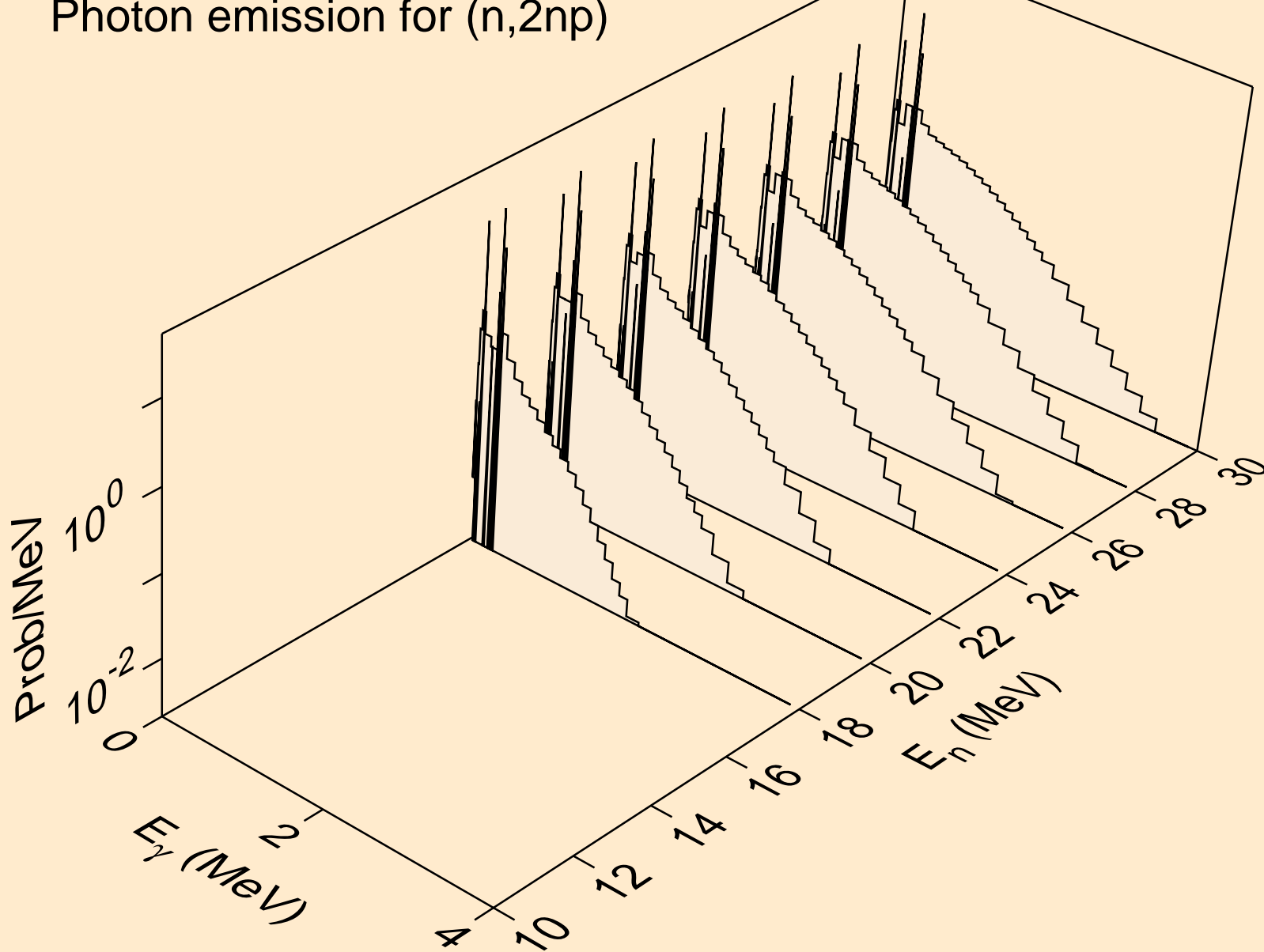
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Photon emission for (n,n\*)he3



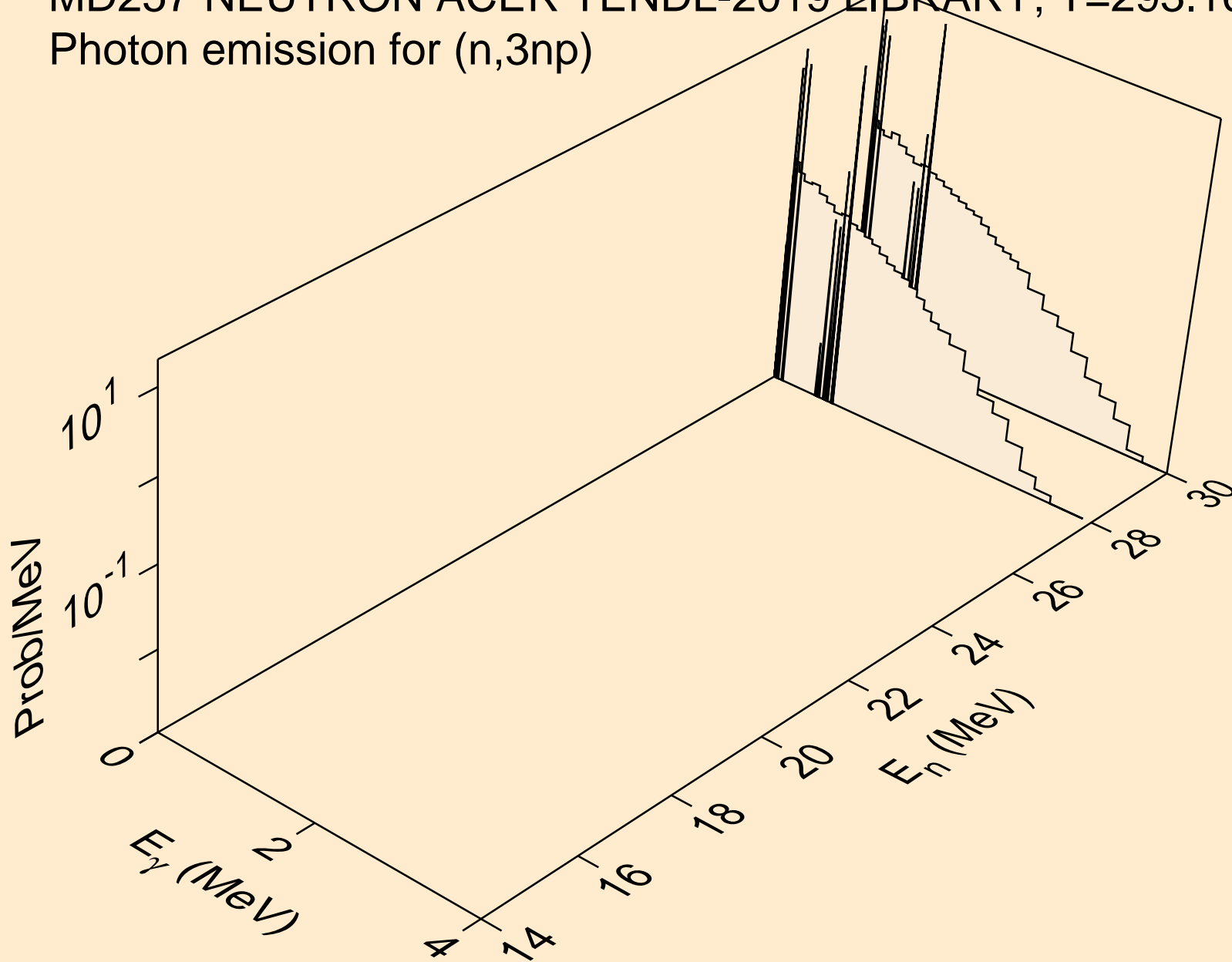
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Photon emission for (n,4n)



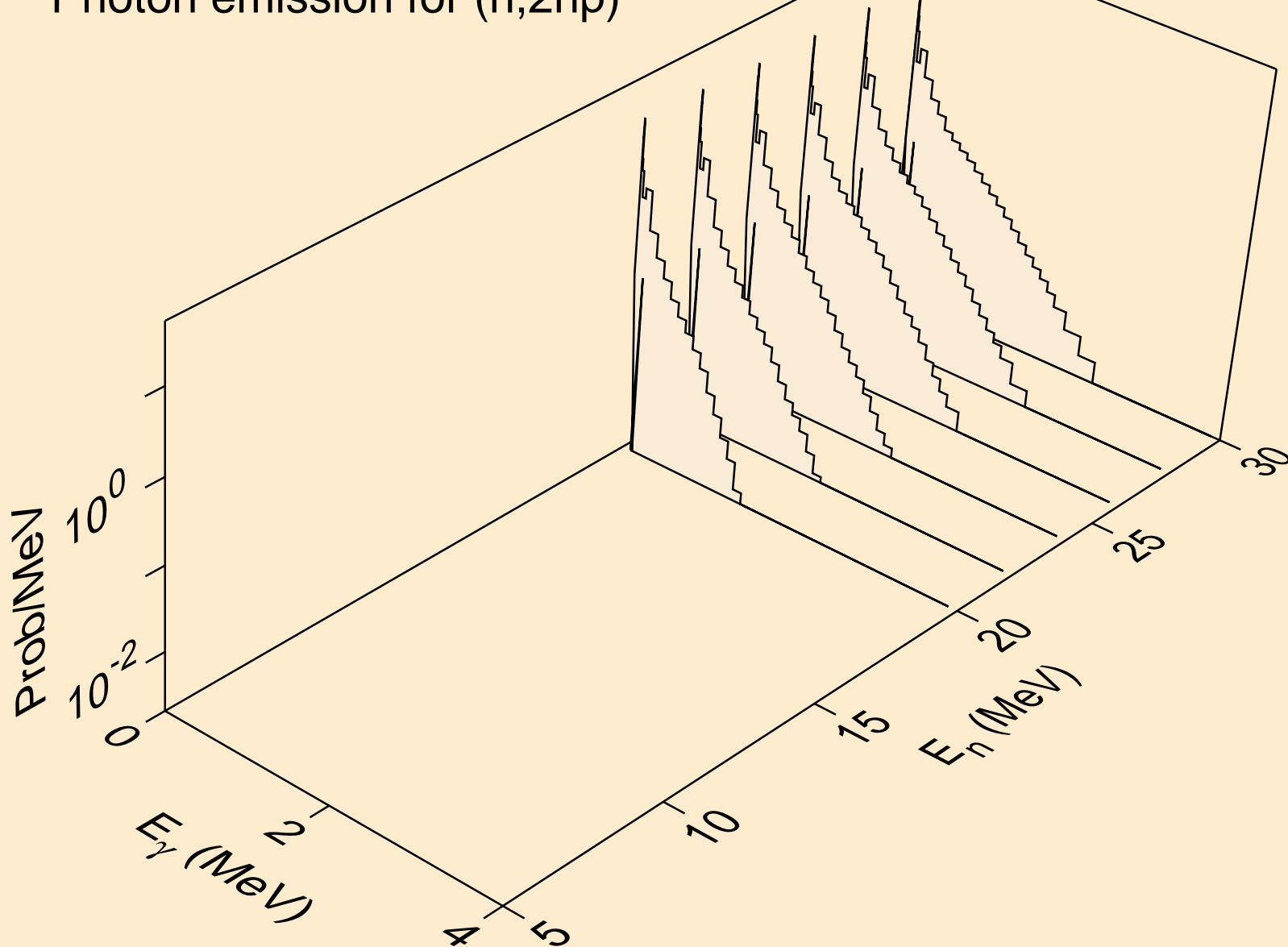
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

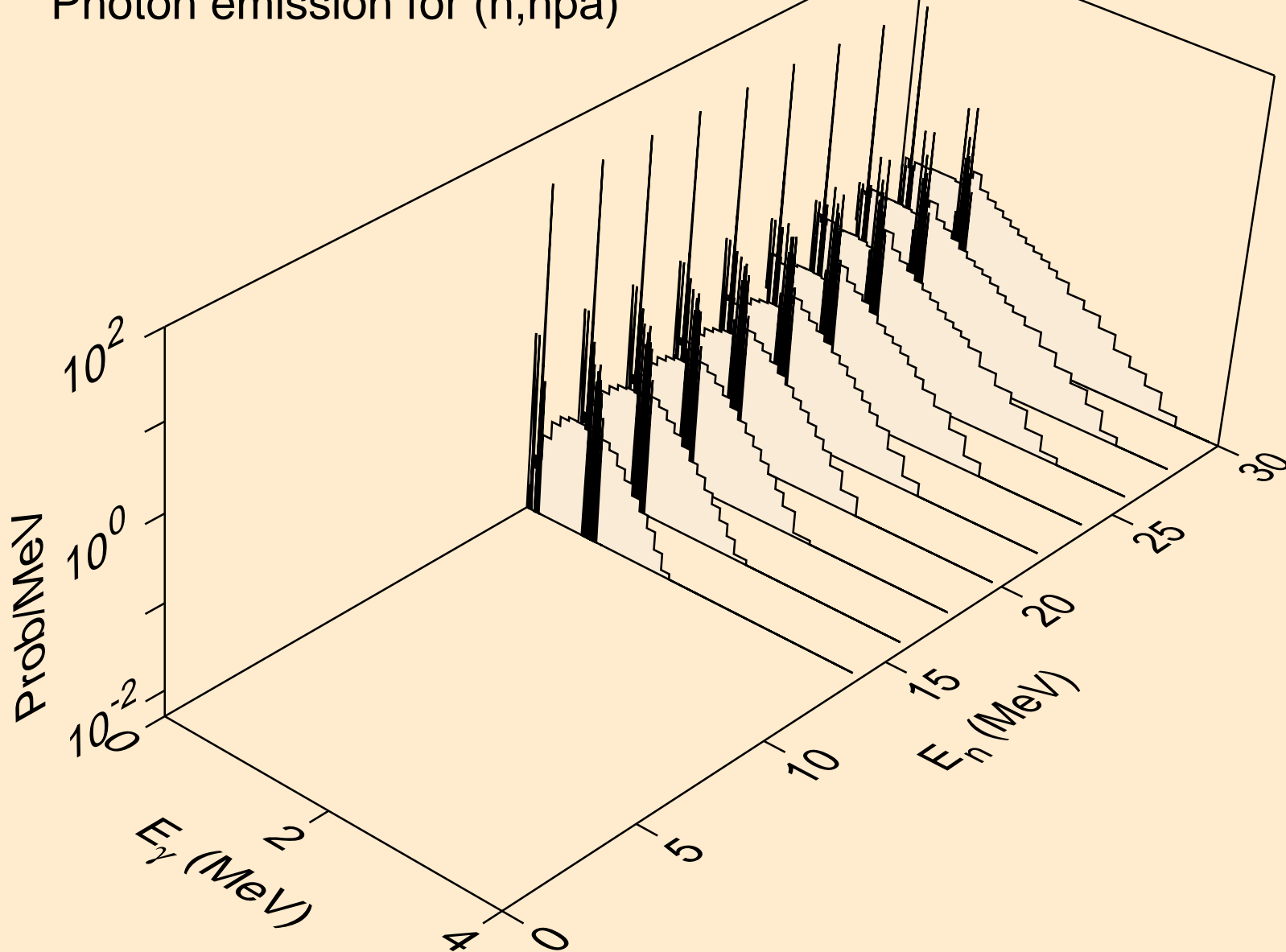


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Photon emission for (n,2np)

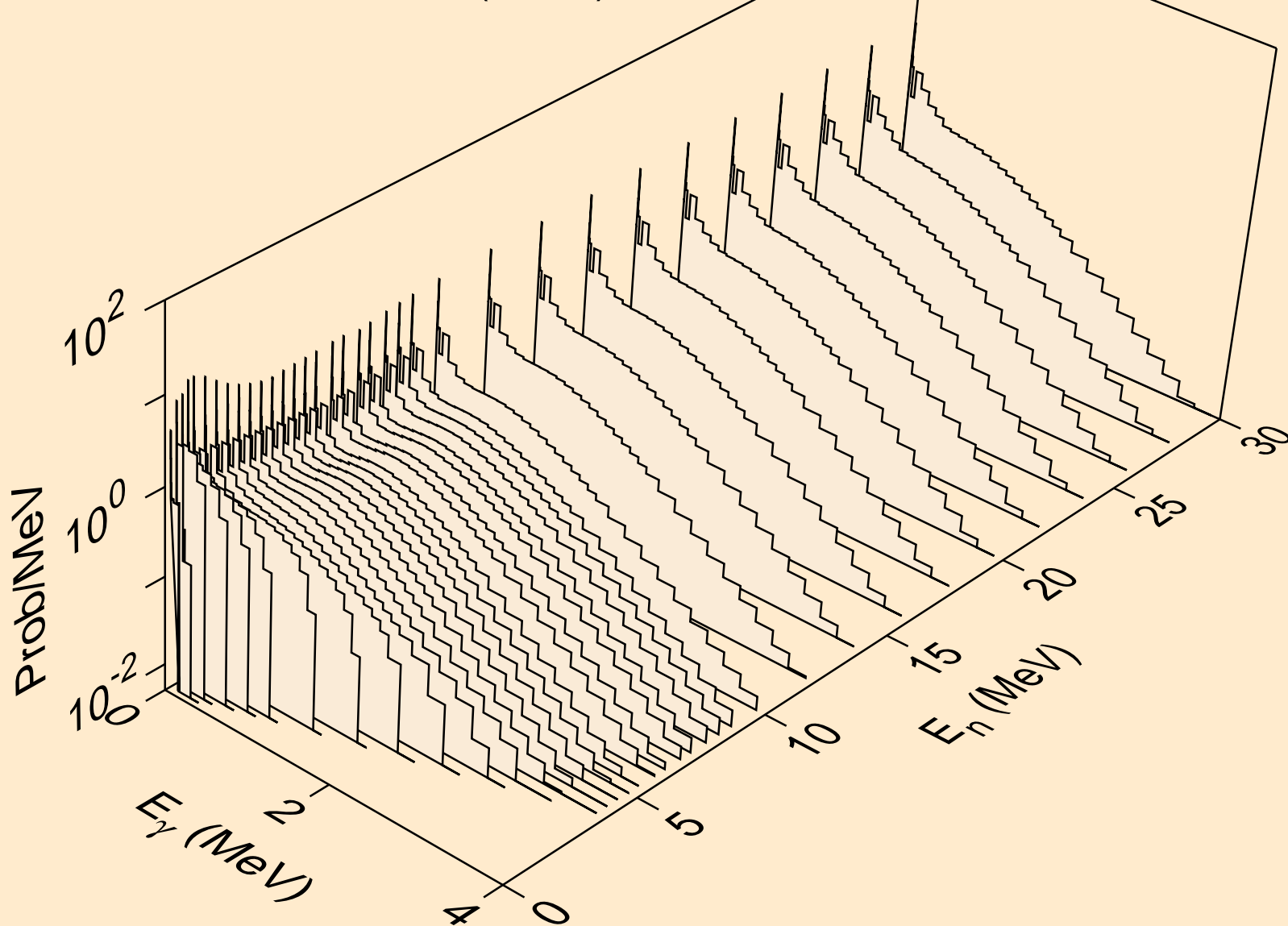




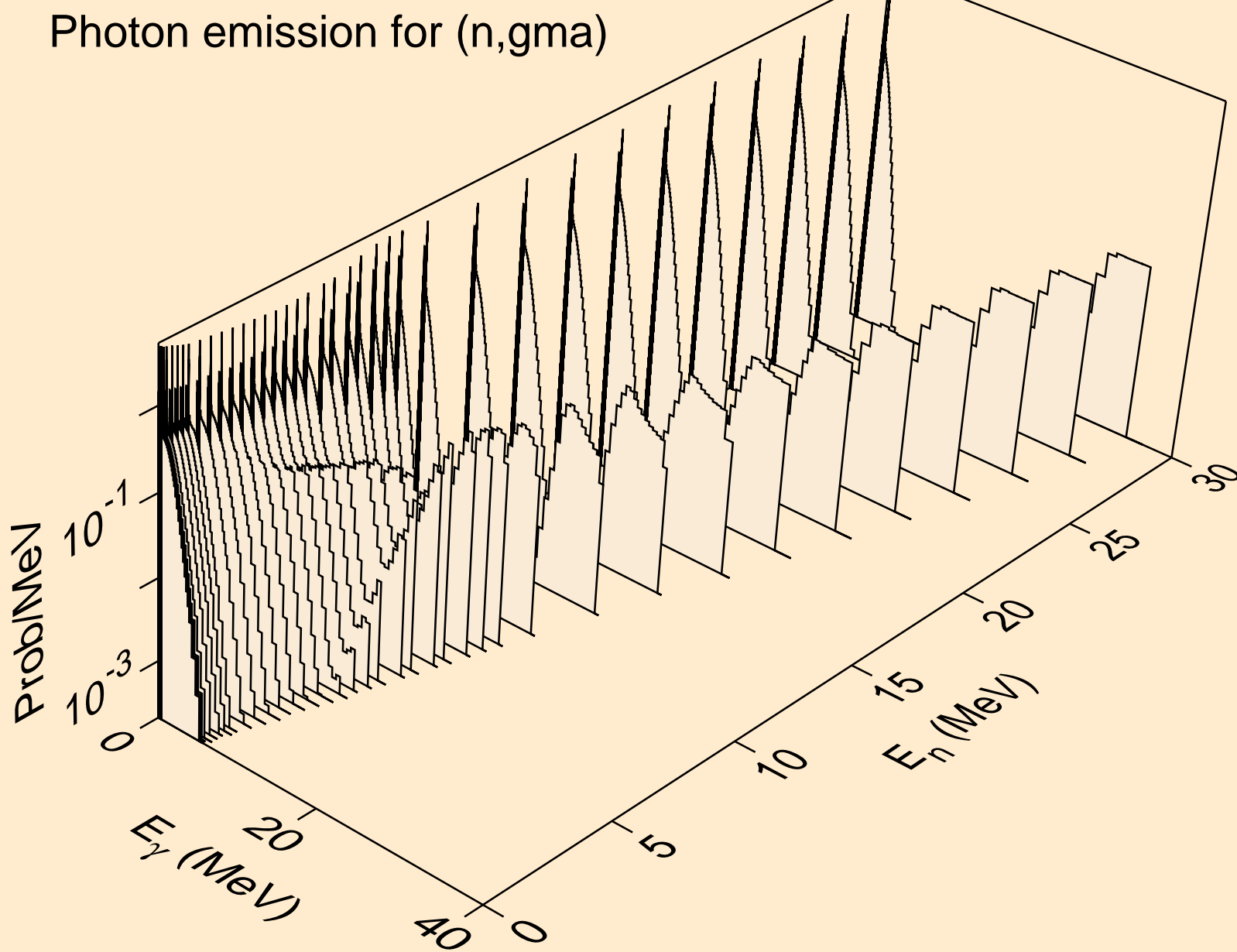
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Photon emission for (n,npa)



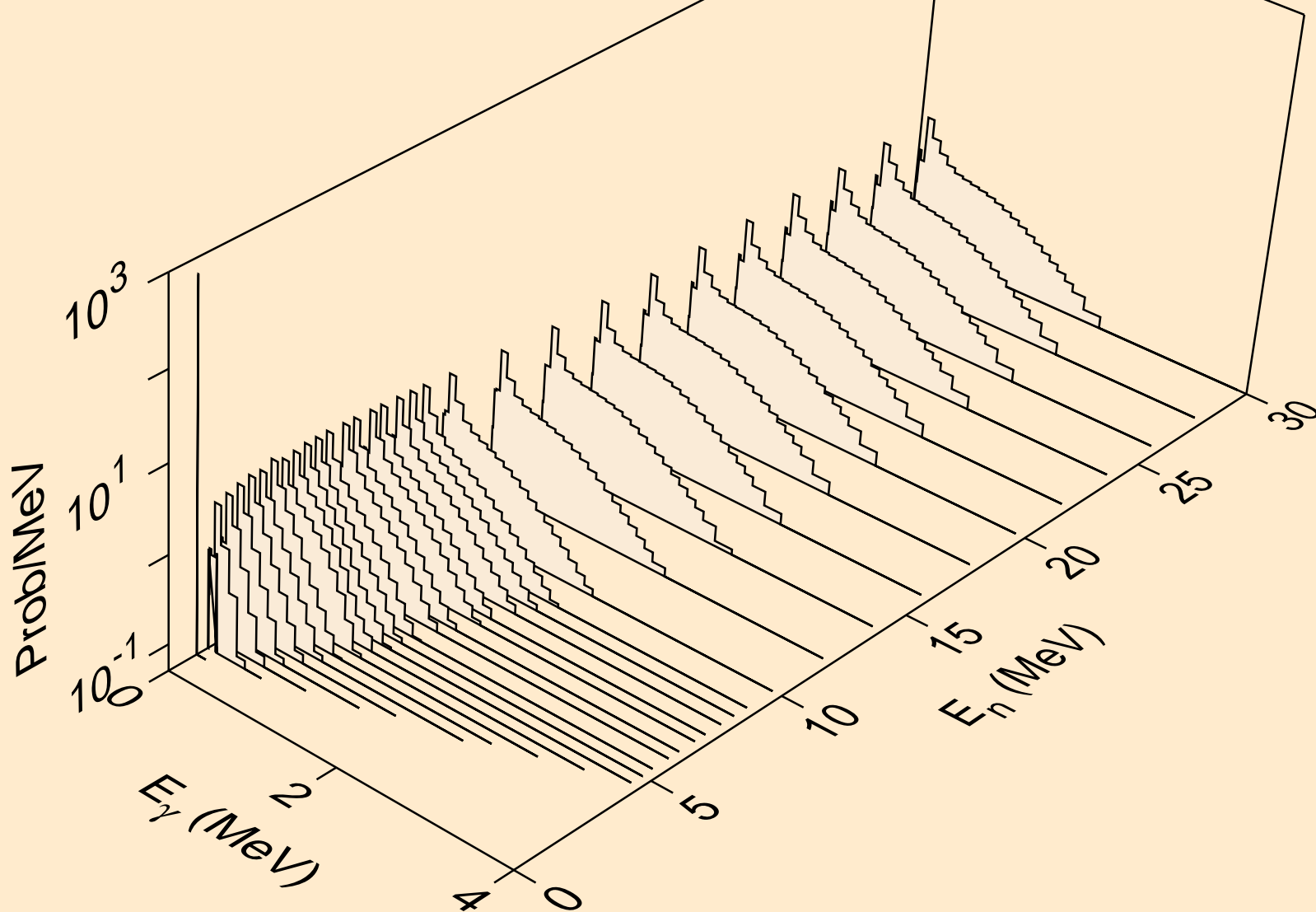
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Photon emission for (n,n\*c)



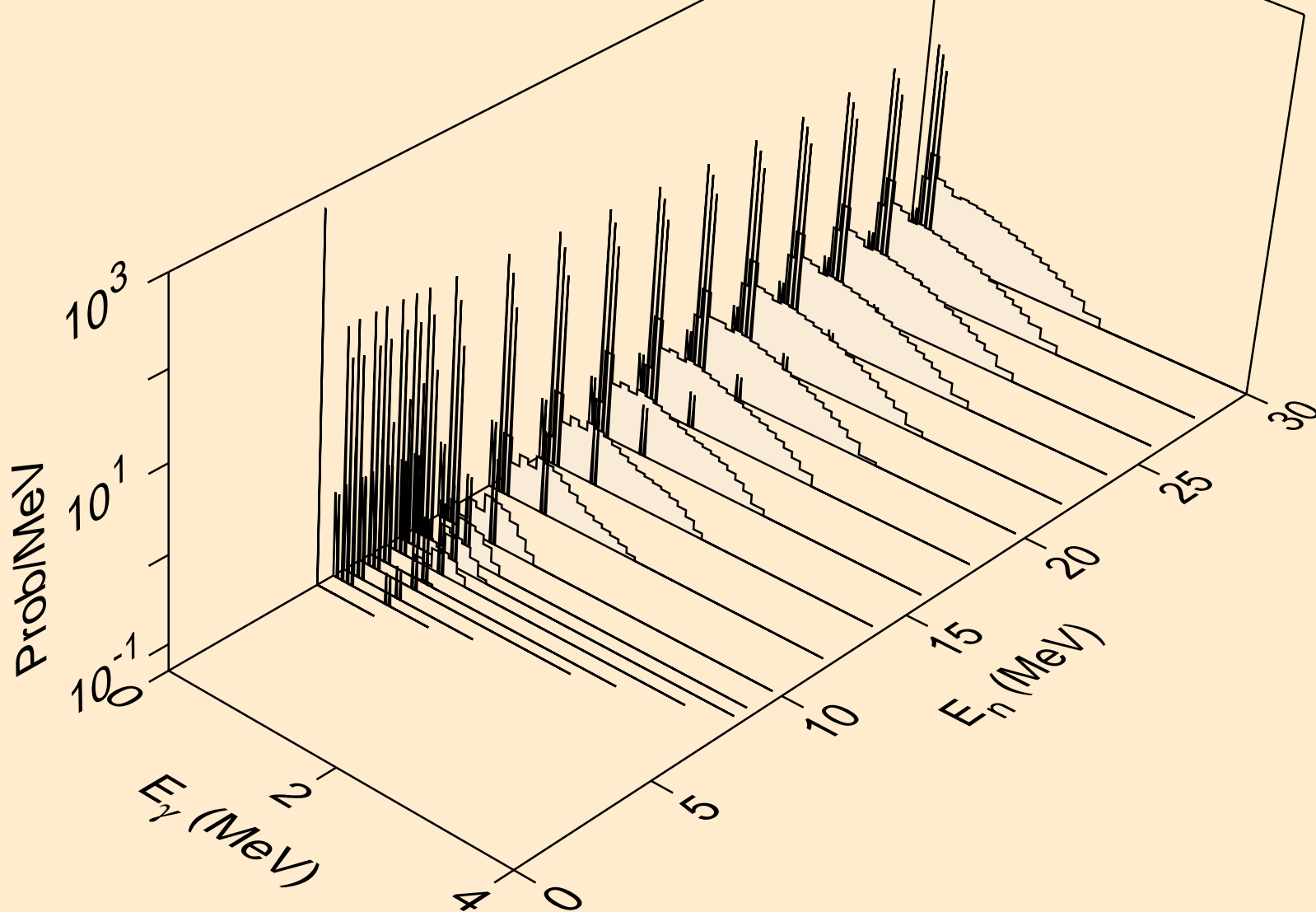
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



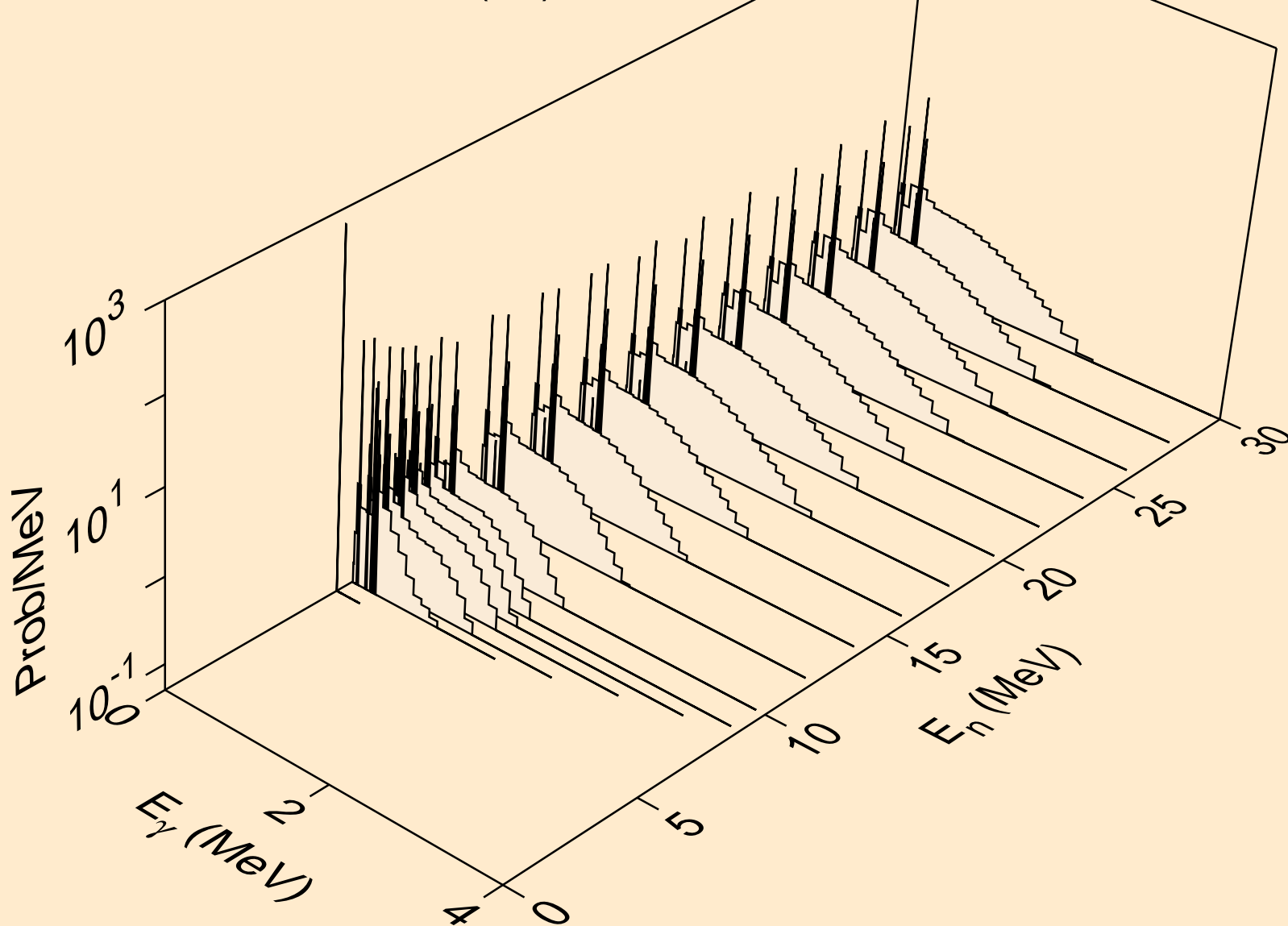
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



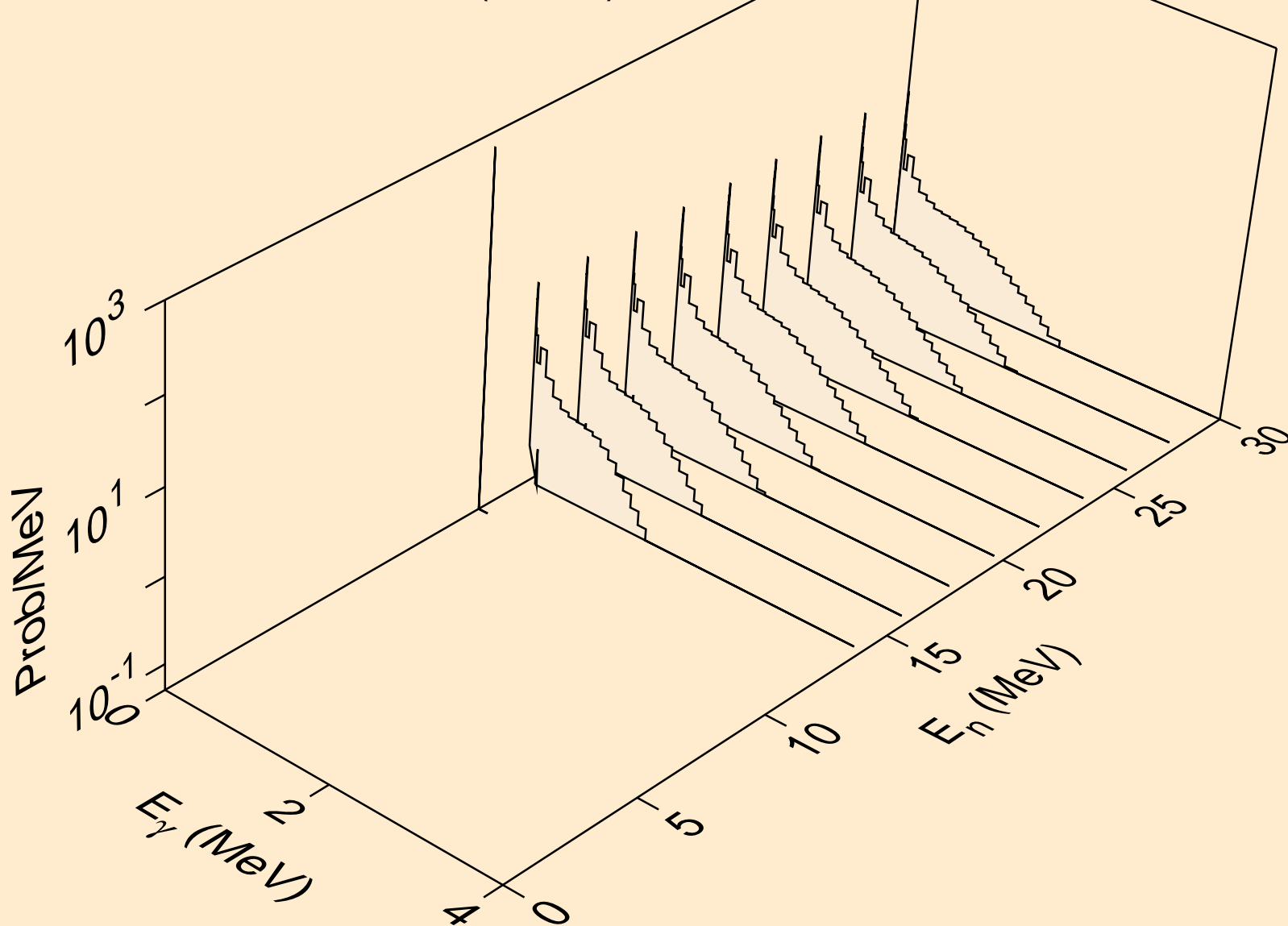
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



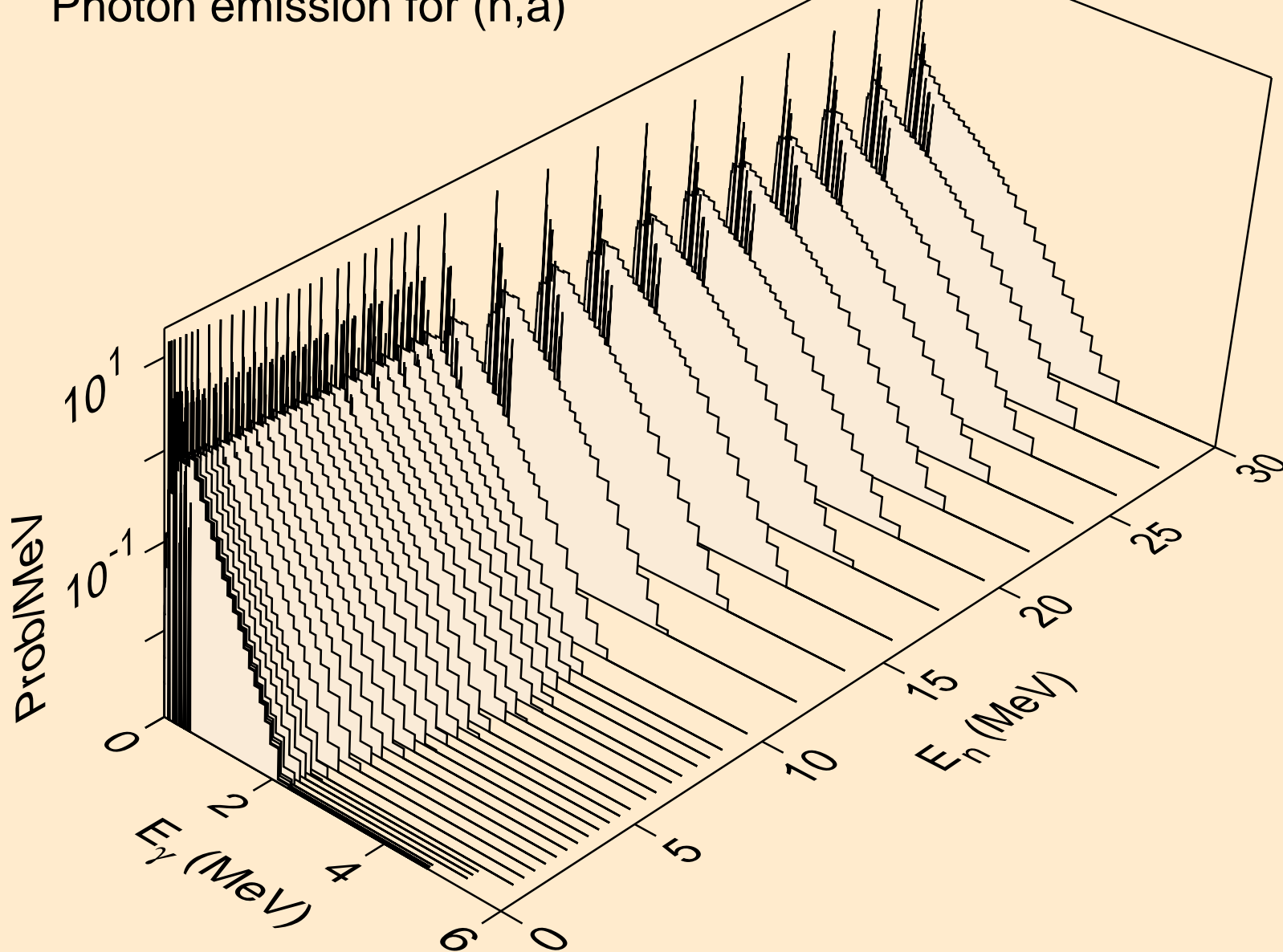
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

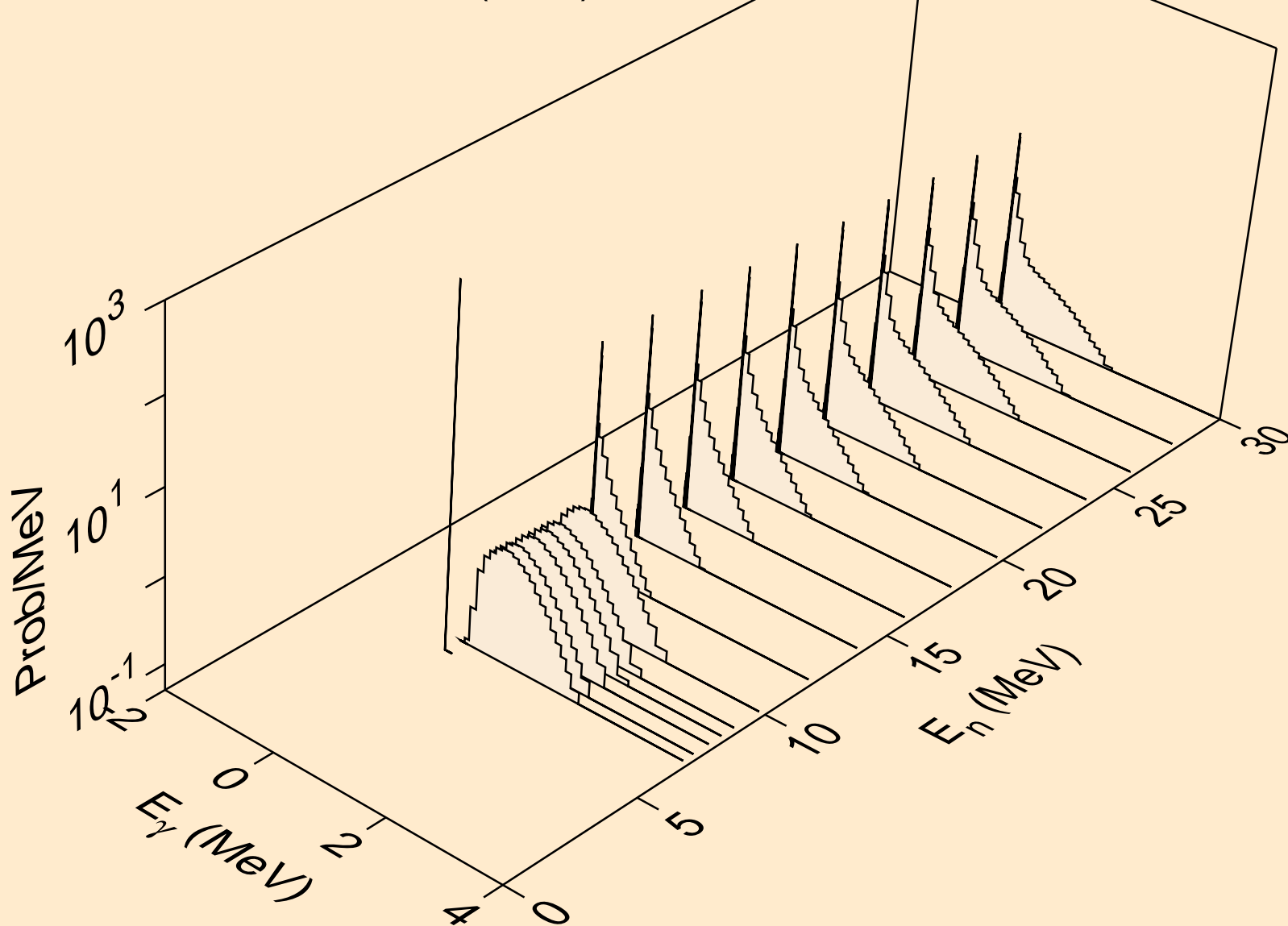


MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)

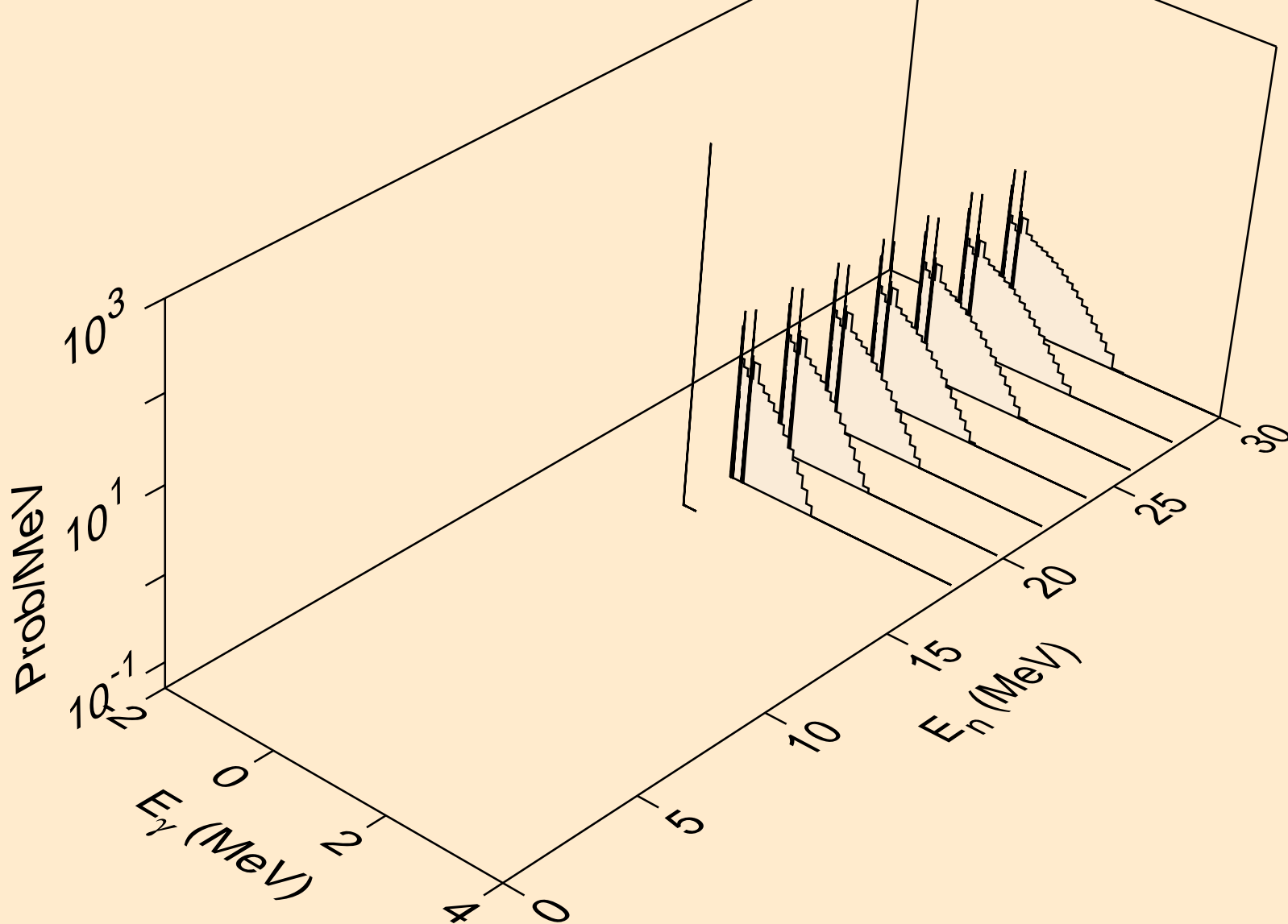




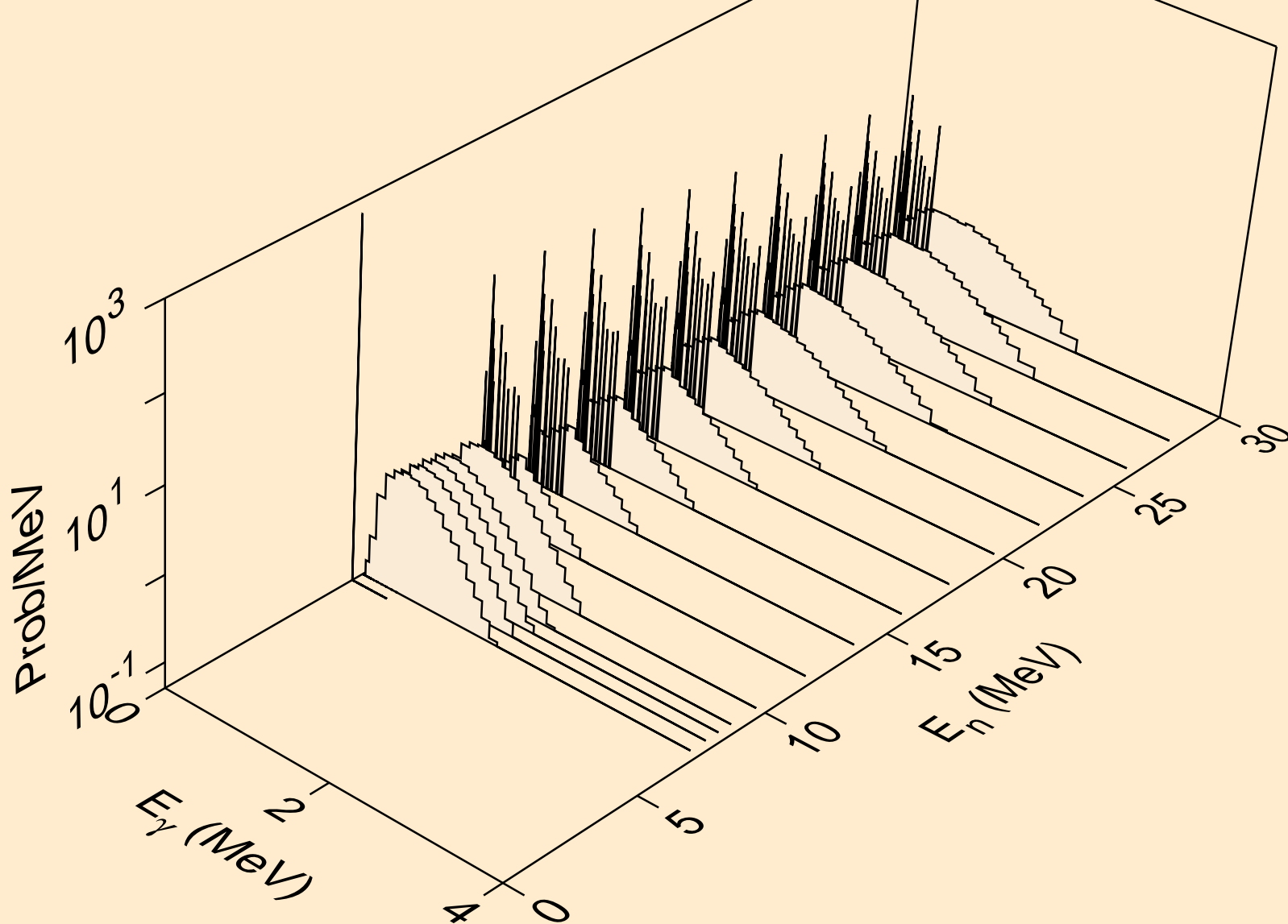
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



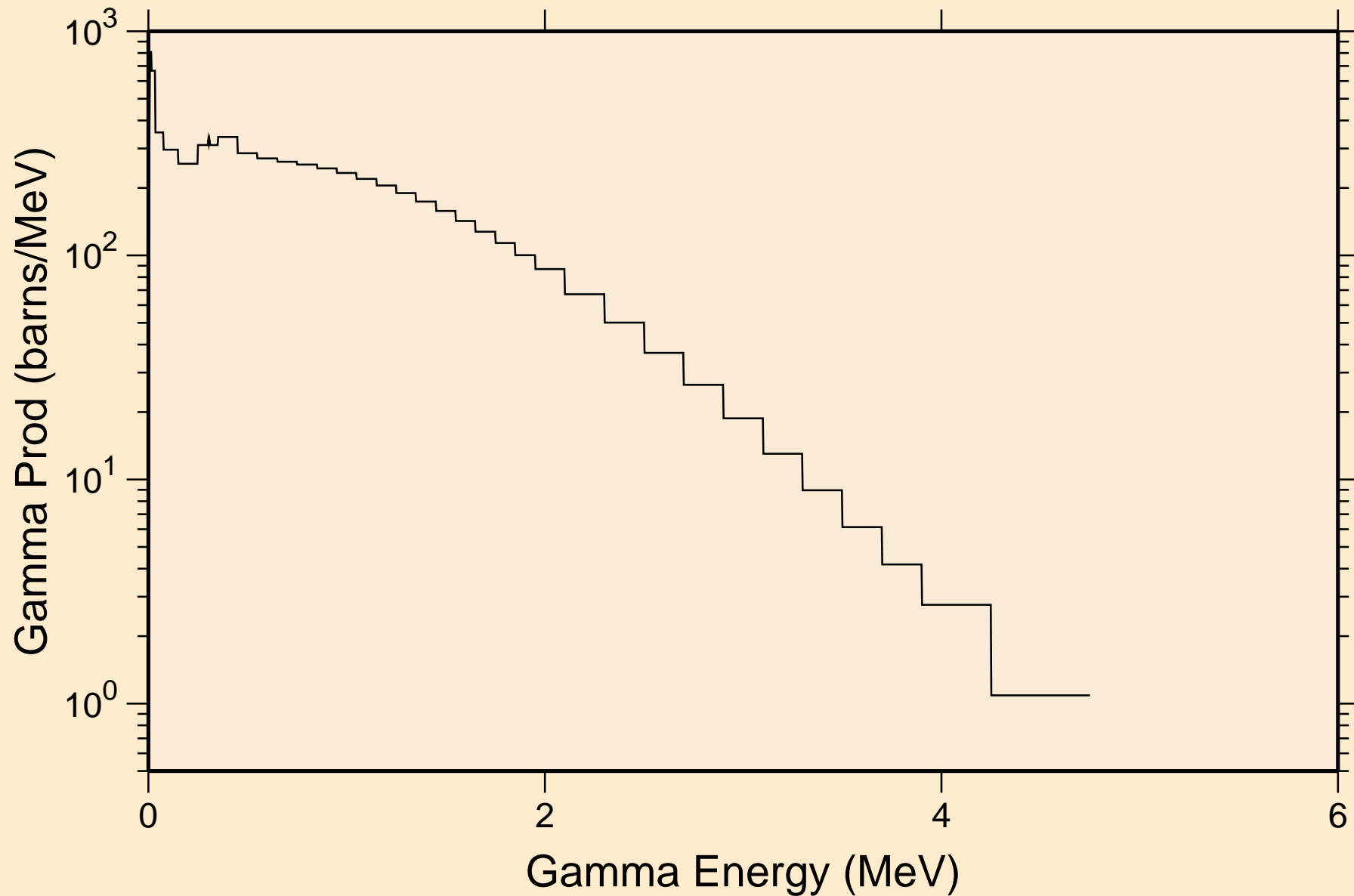
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



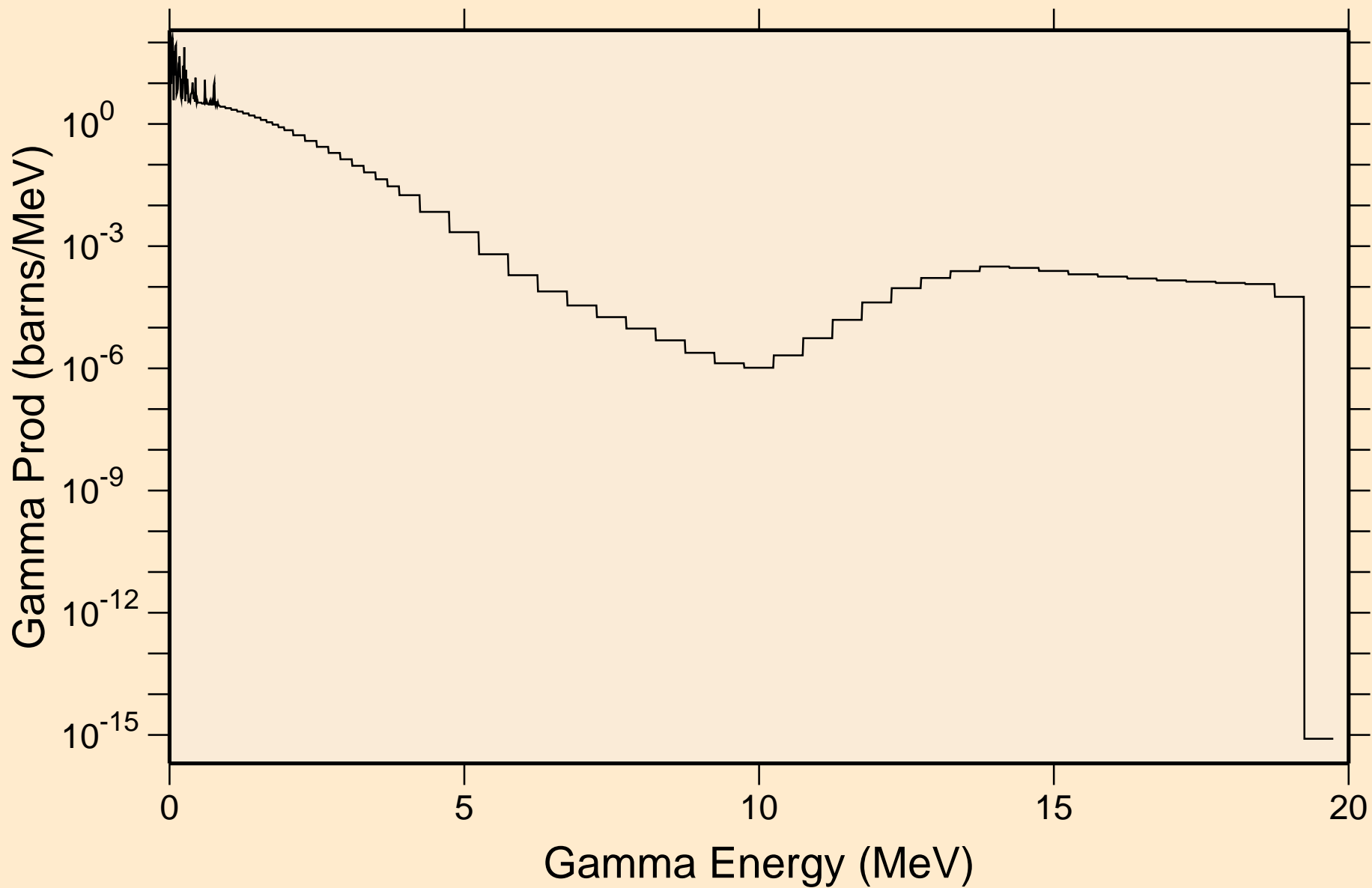
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

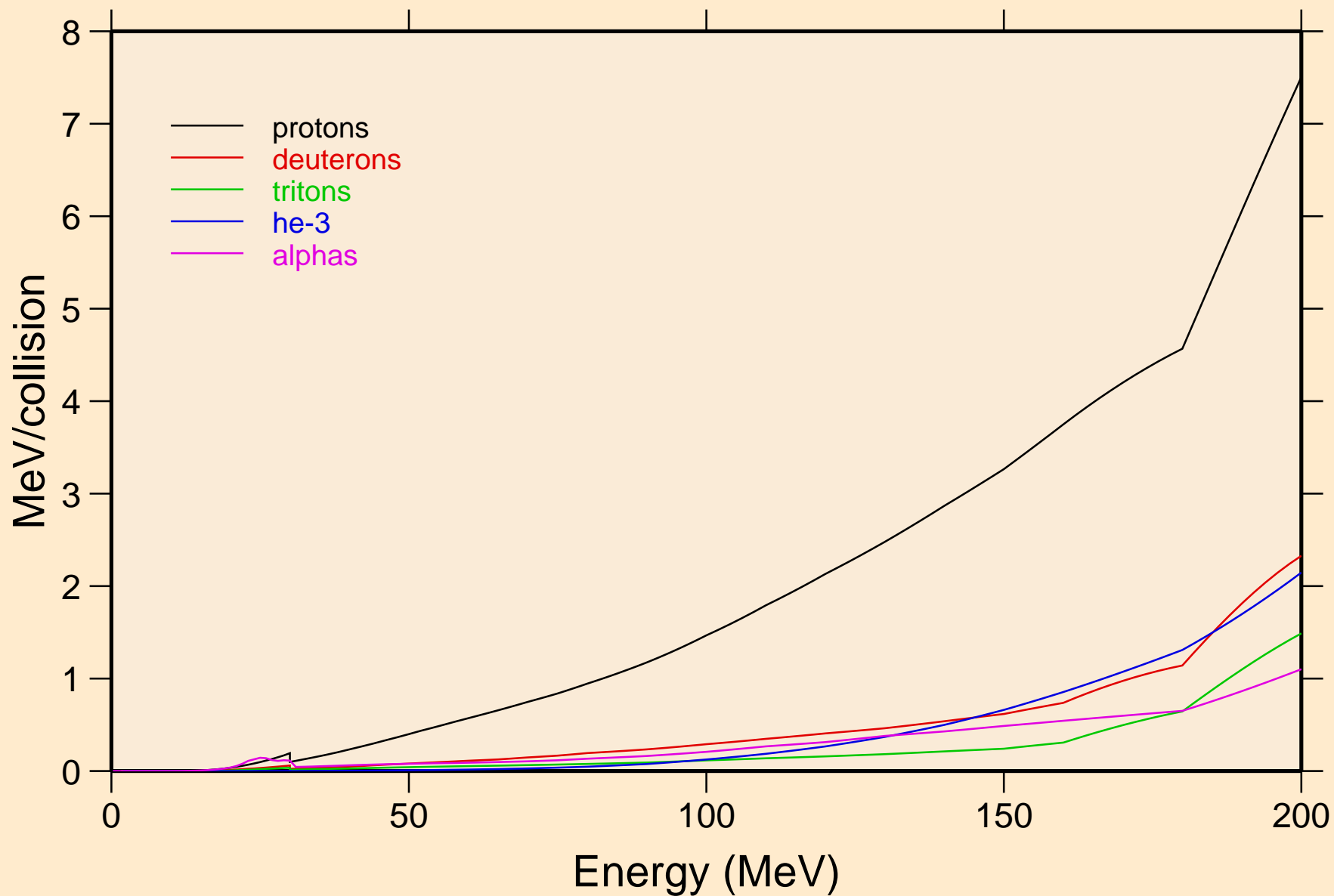


MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

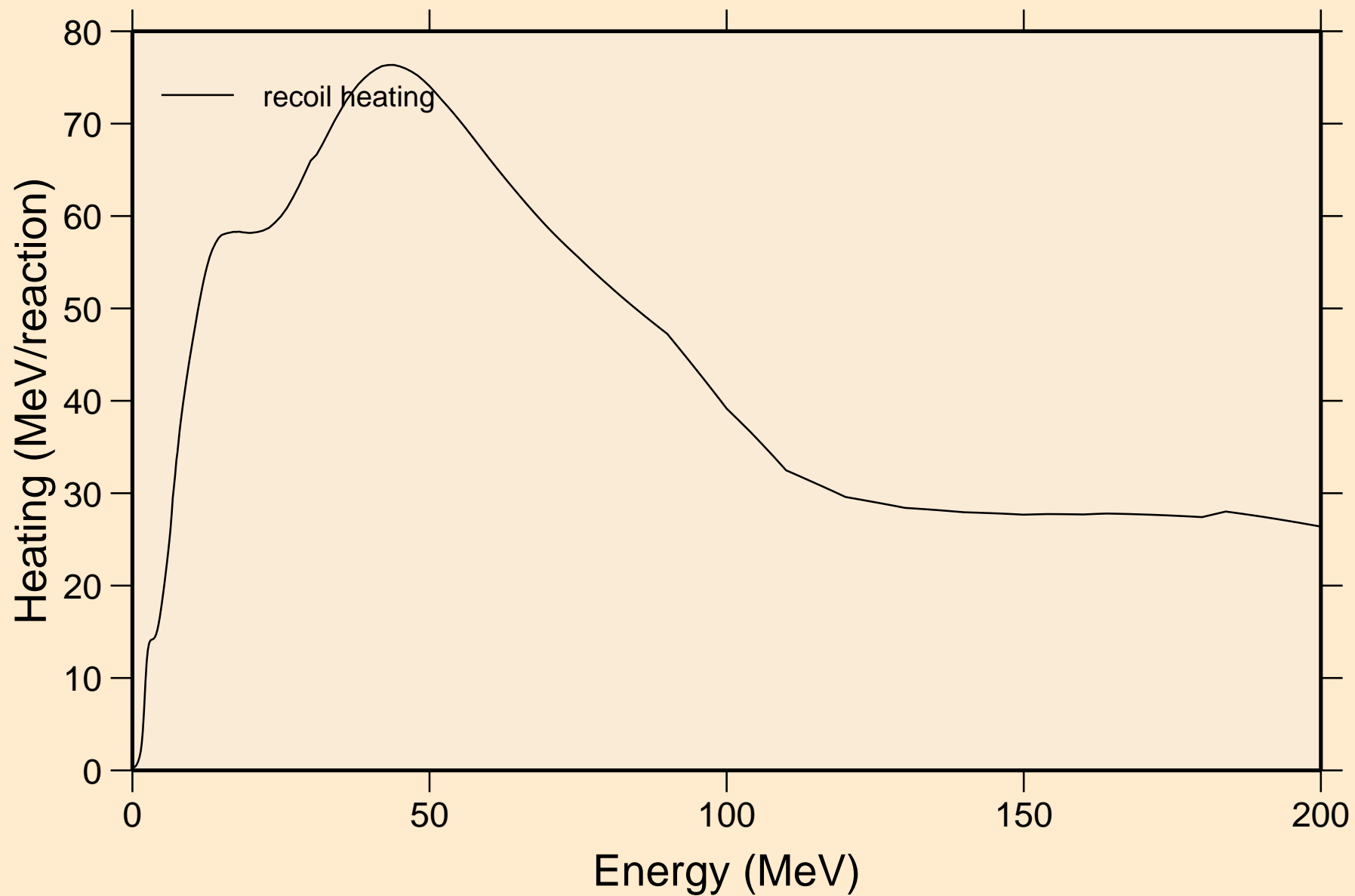


# MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

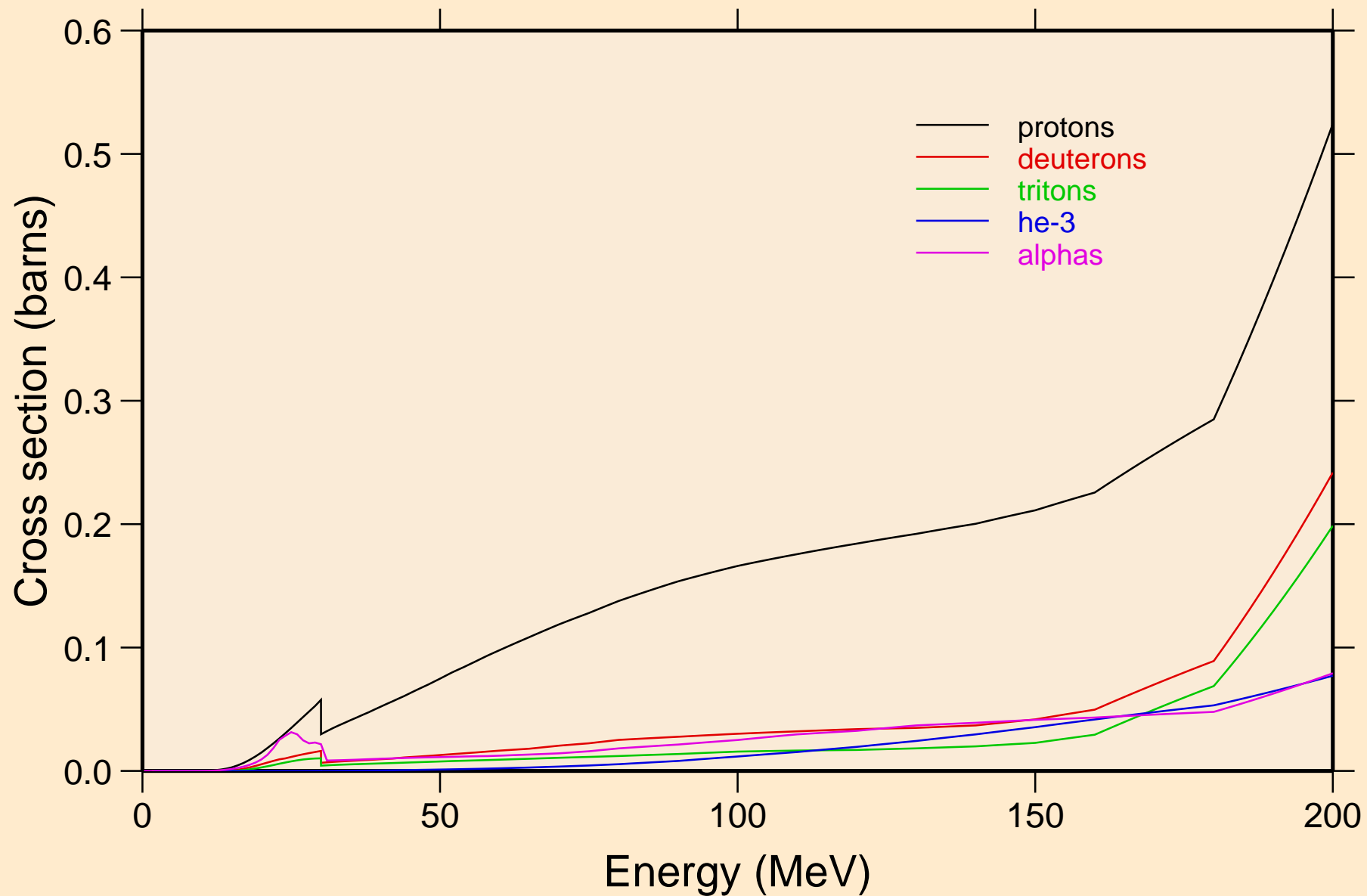
## Particle heating contributions



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

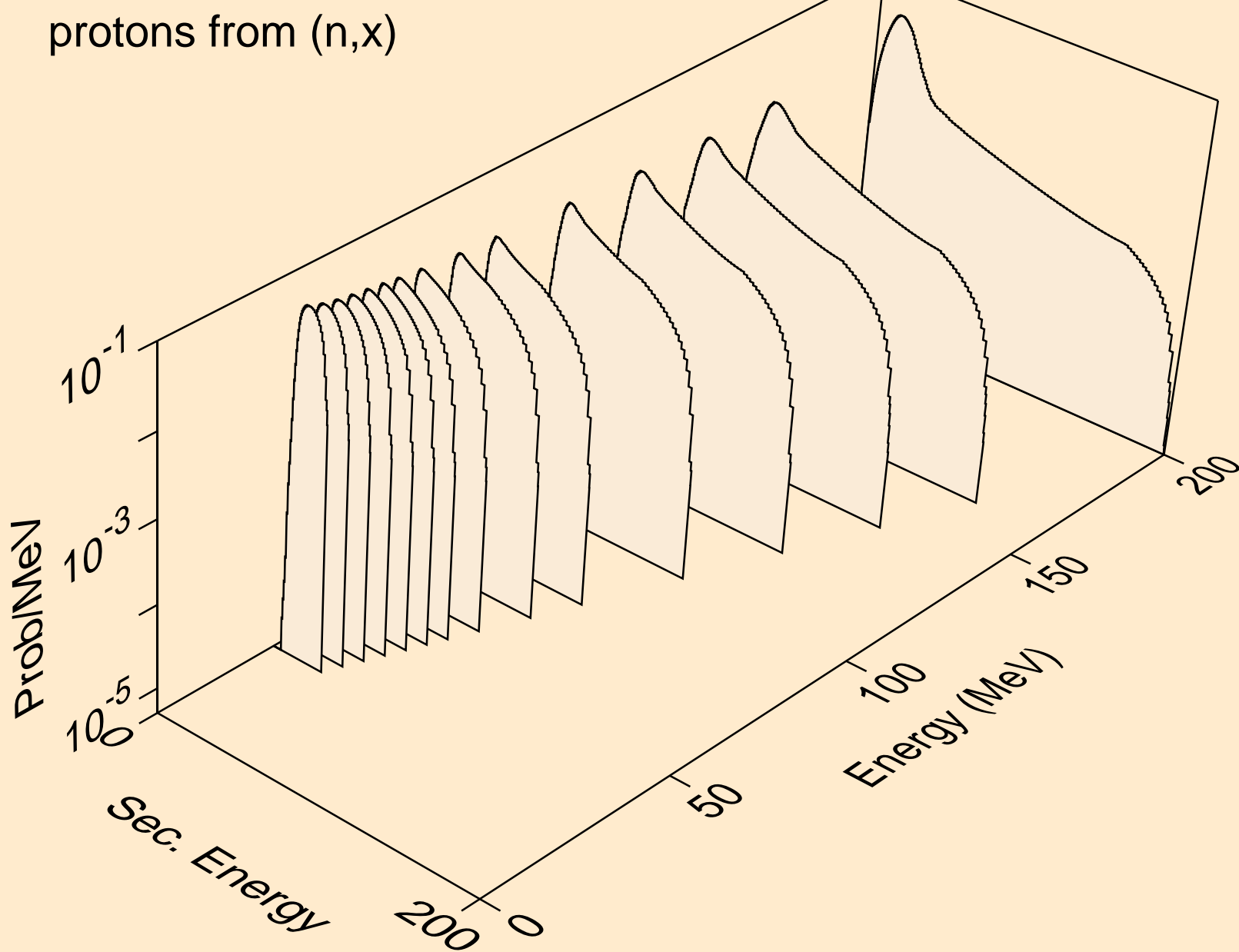


MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections

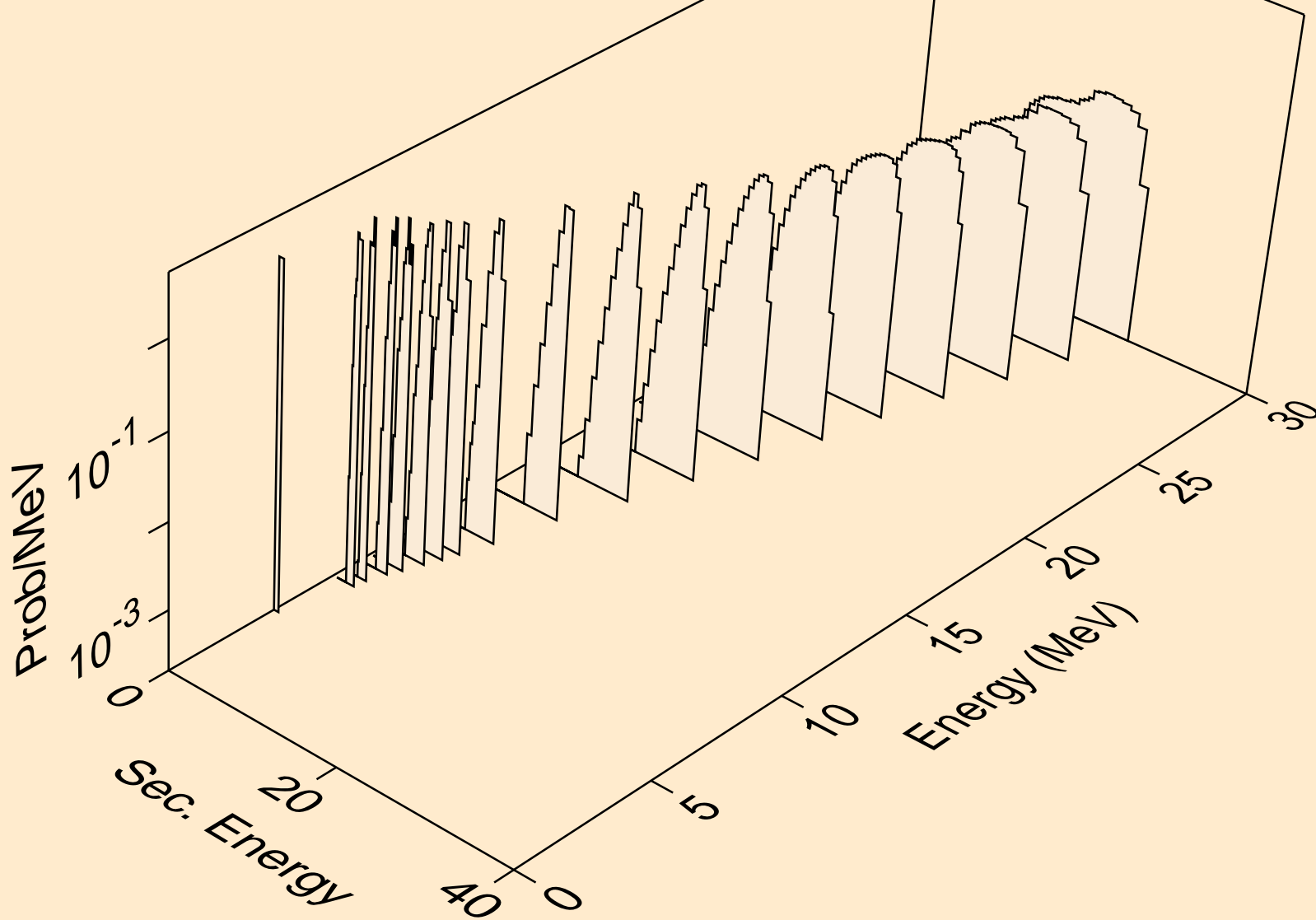




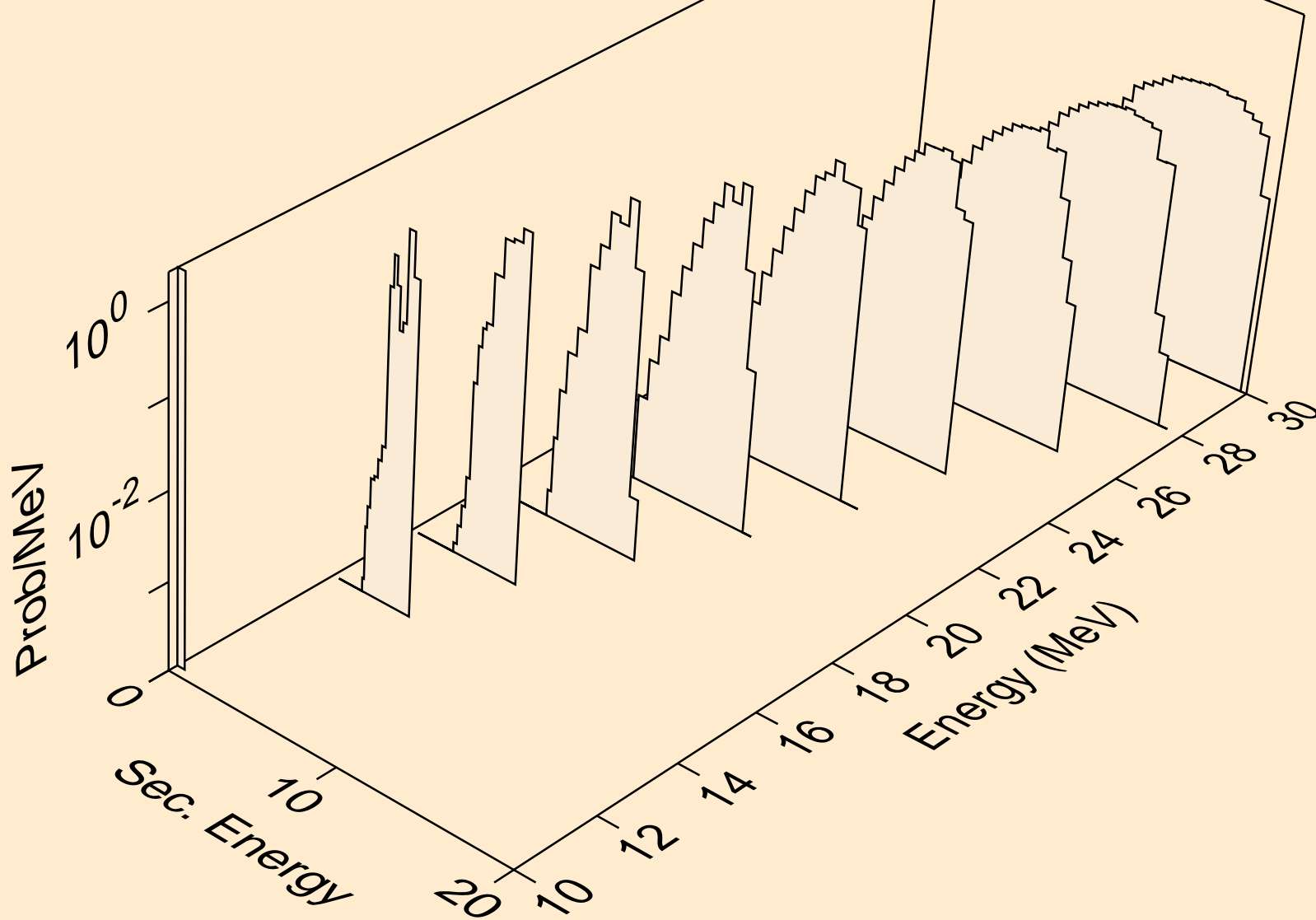
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



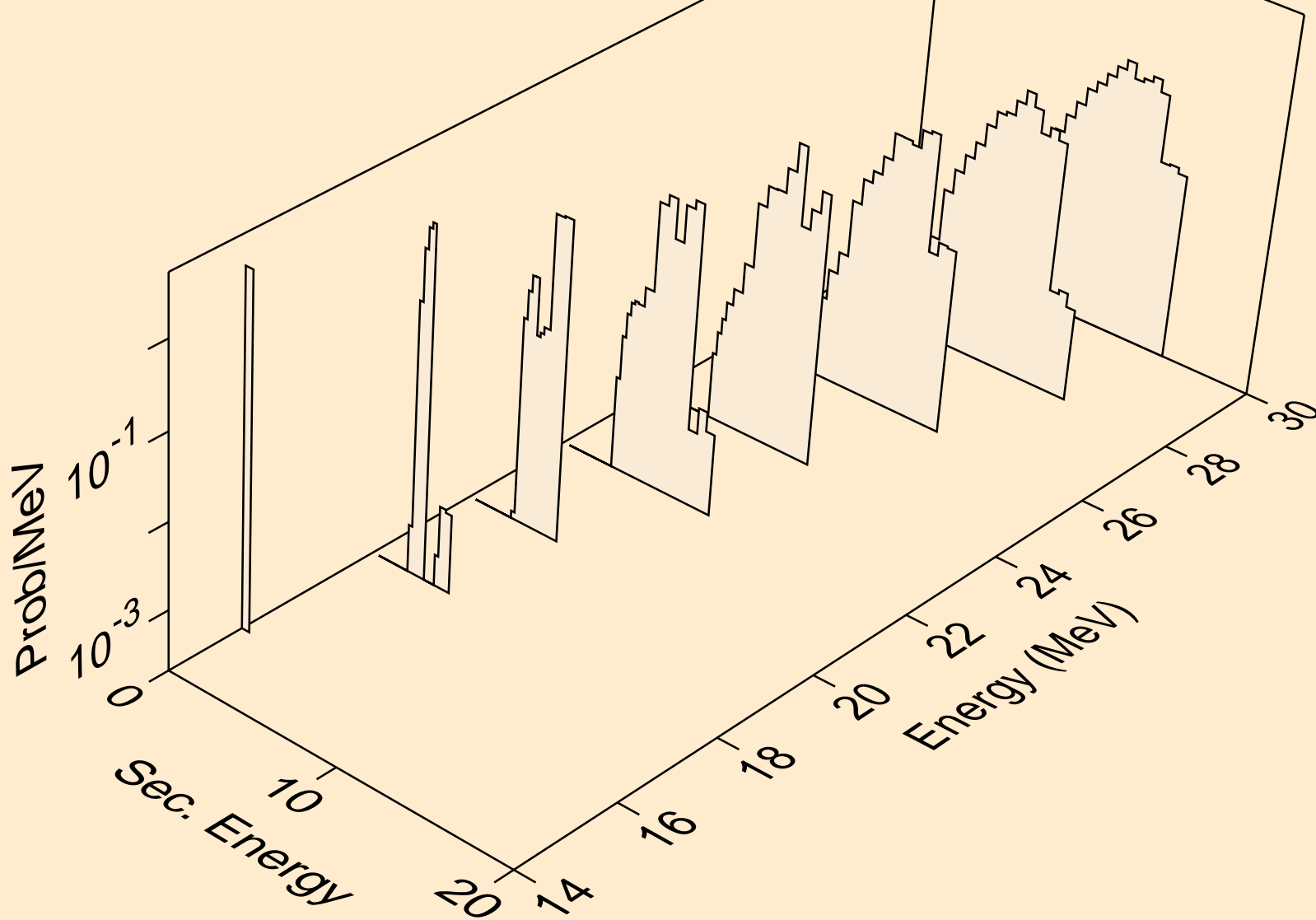
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



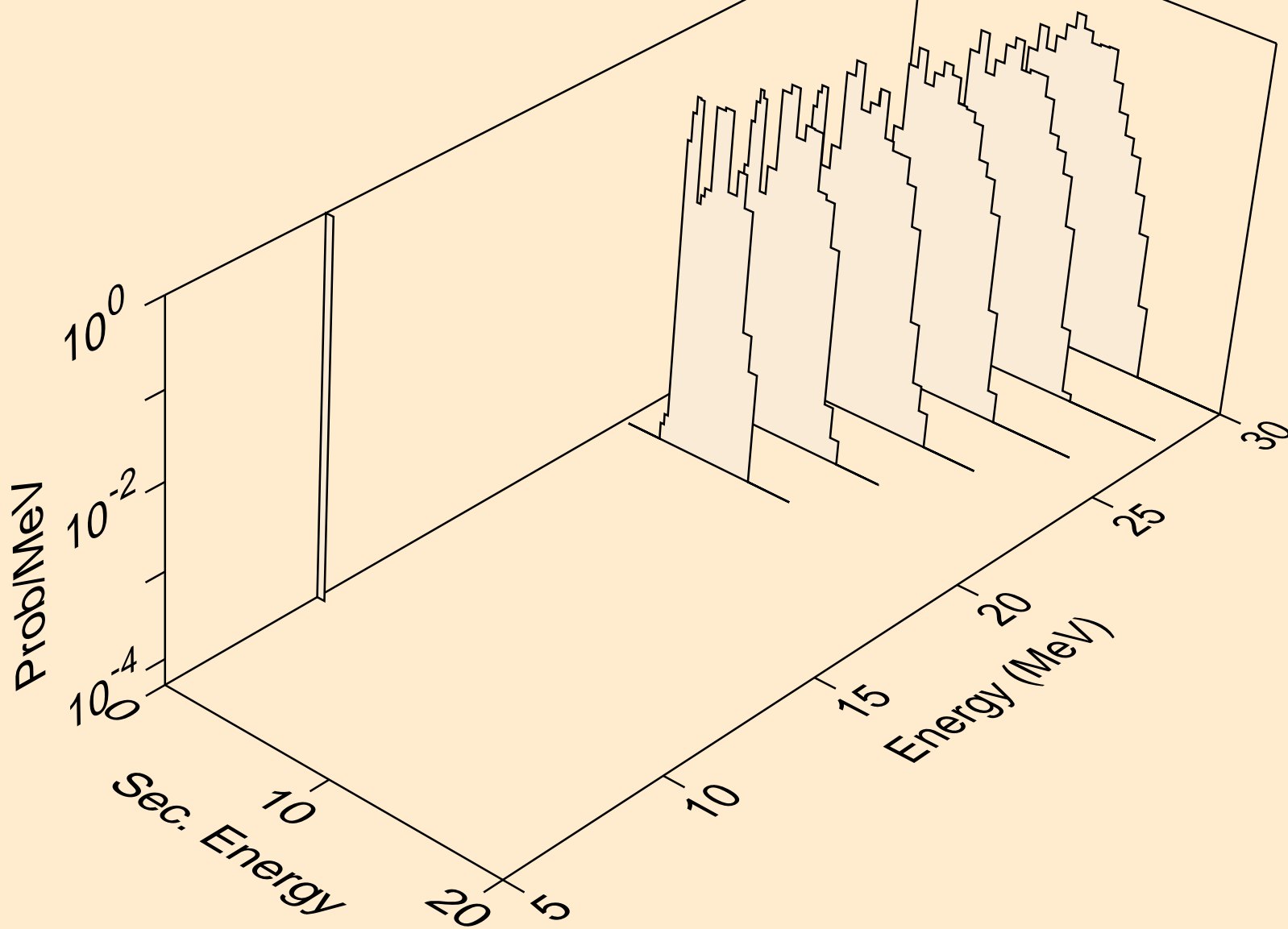
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protons from (n,2np)



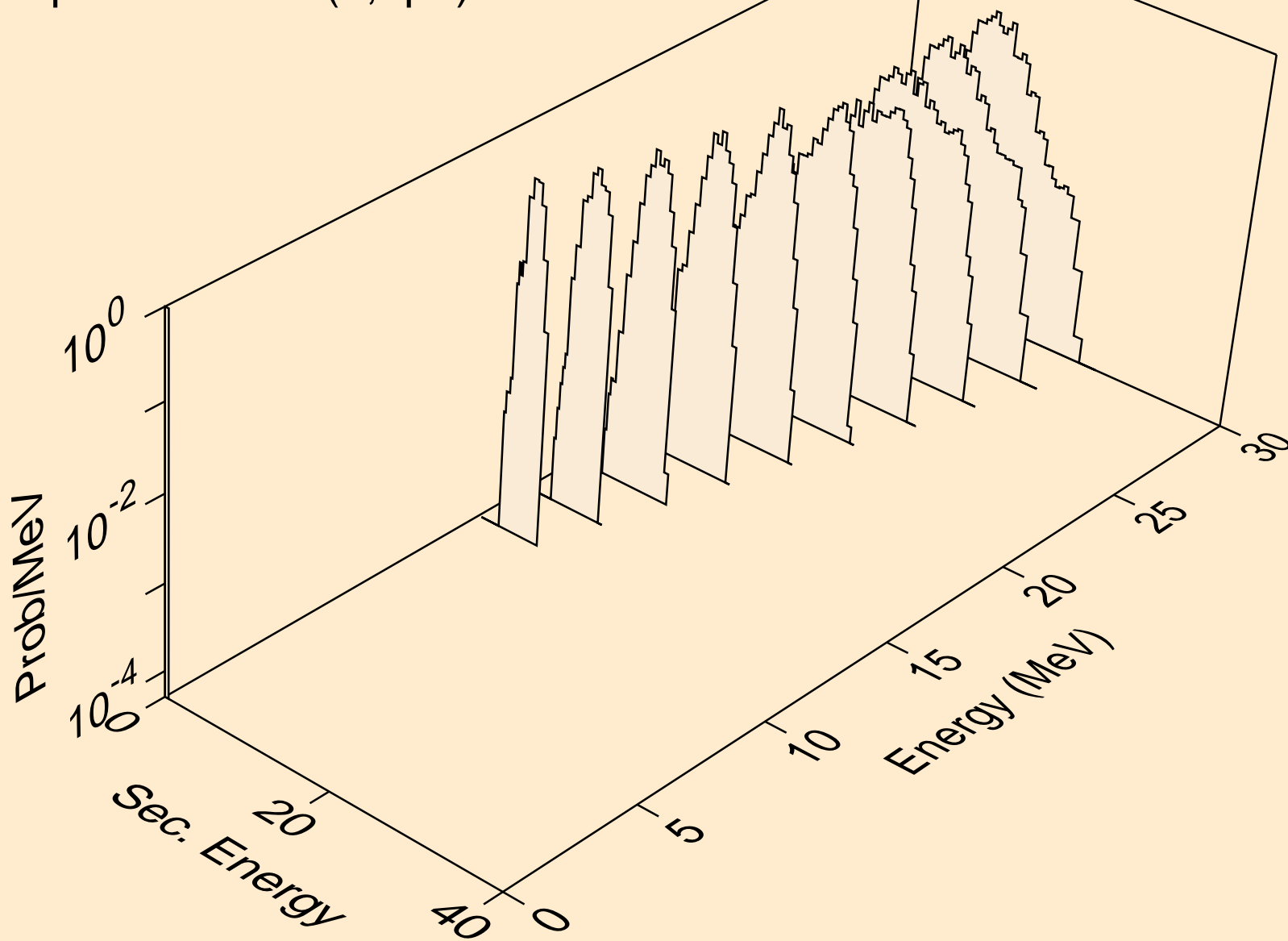
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protons from (n,3np)



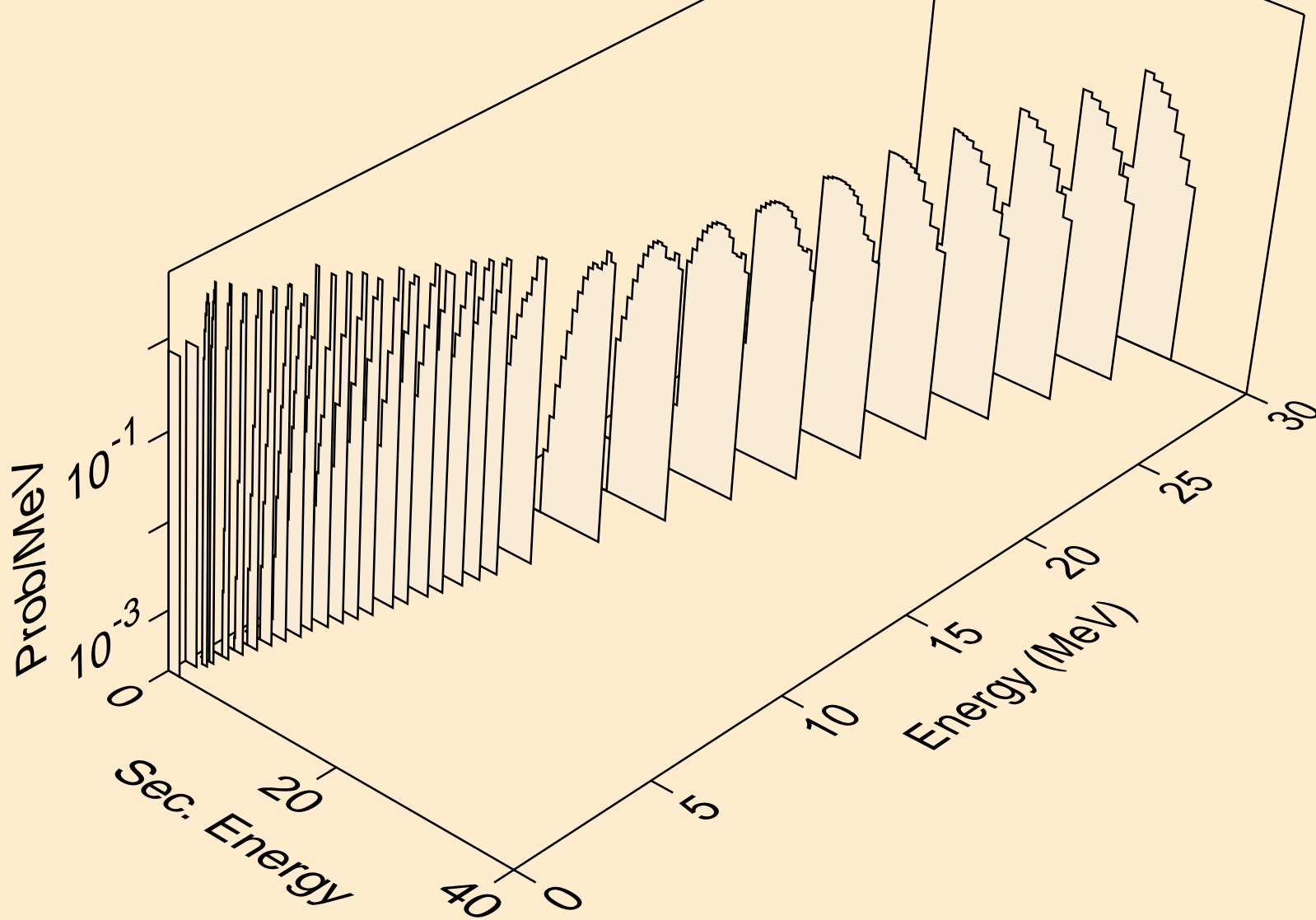
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protons from (n,2np)



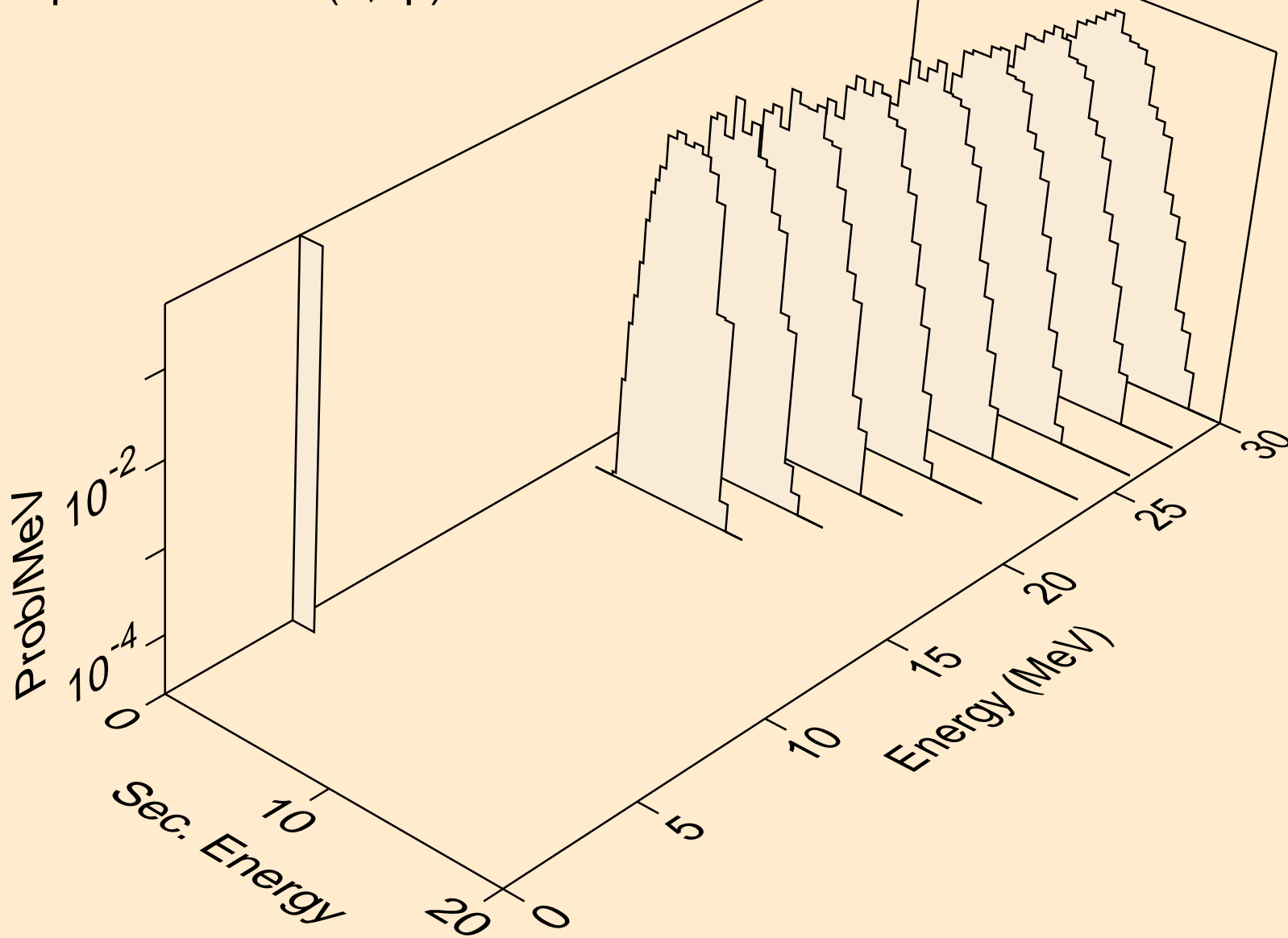
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

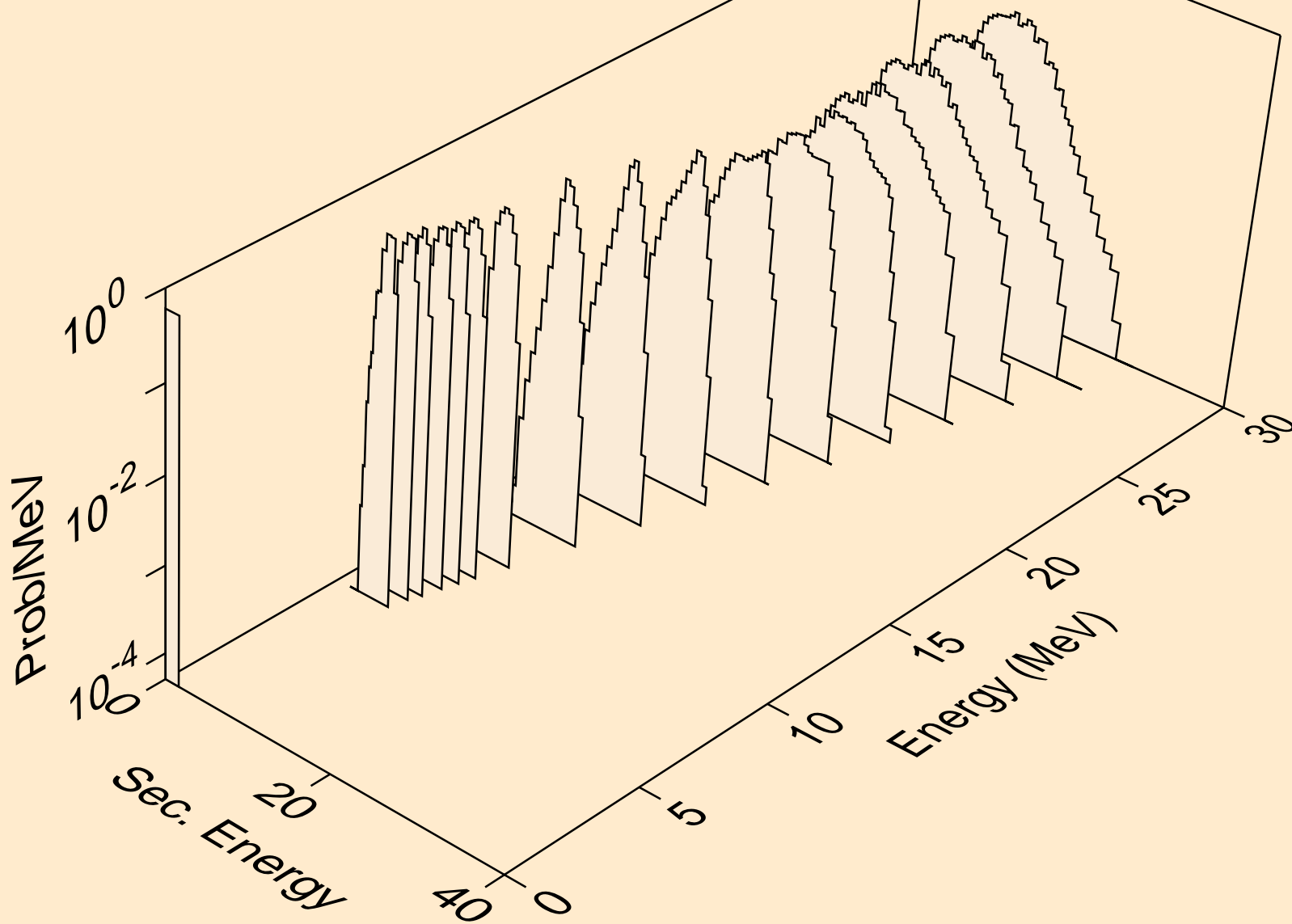


MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)

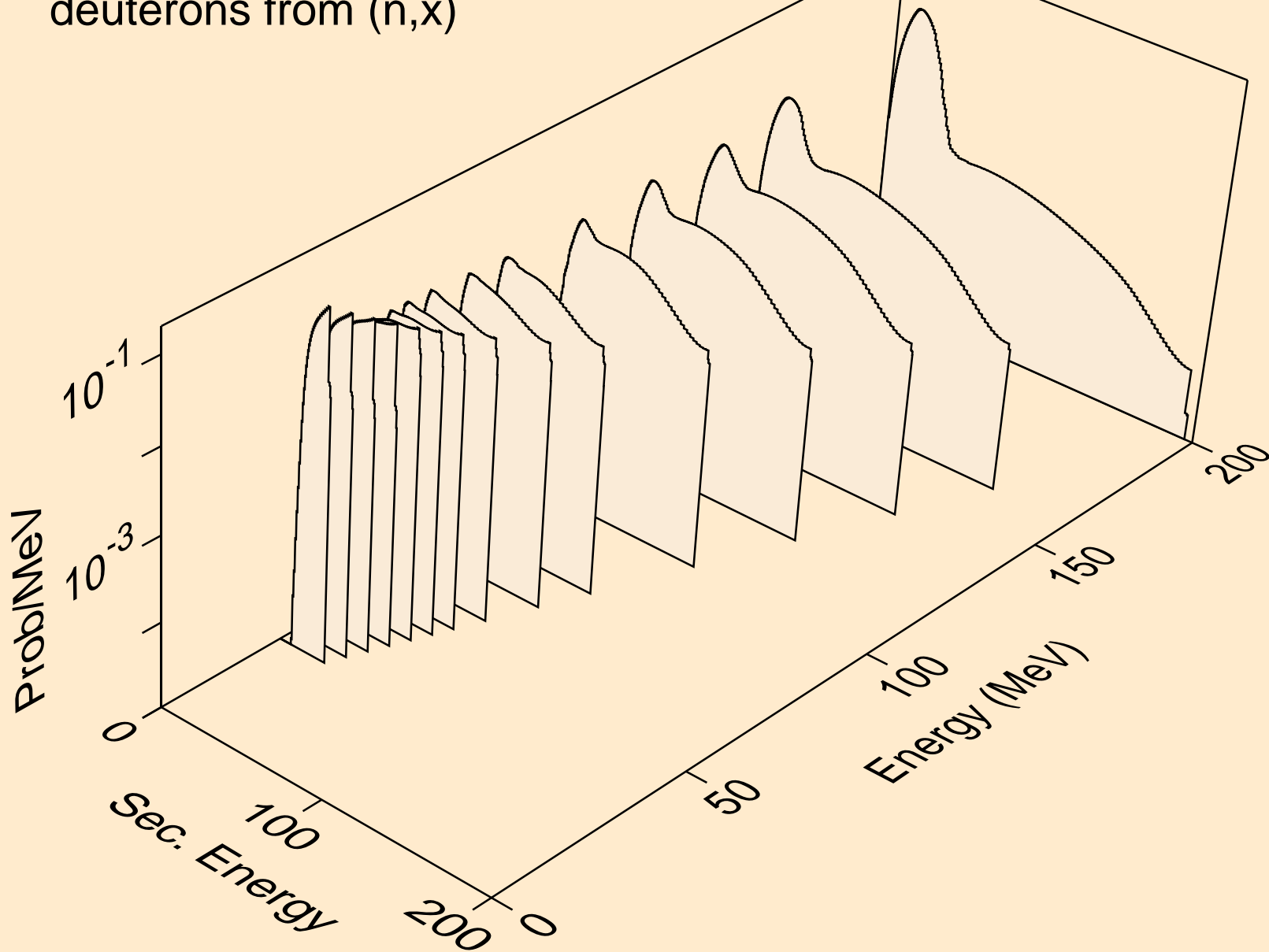




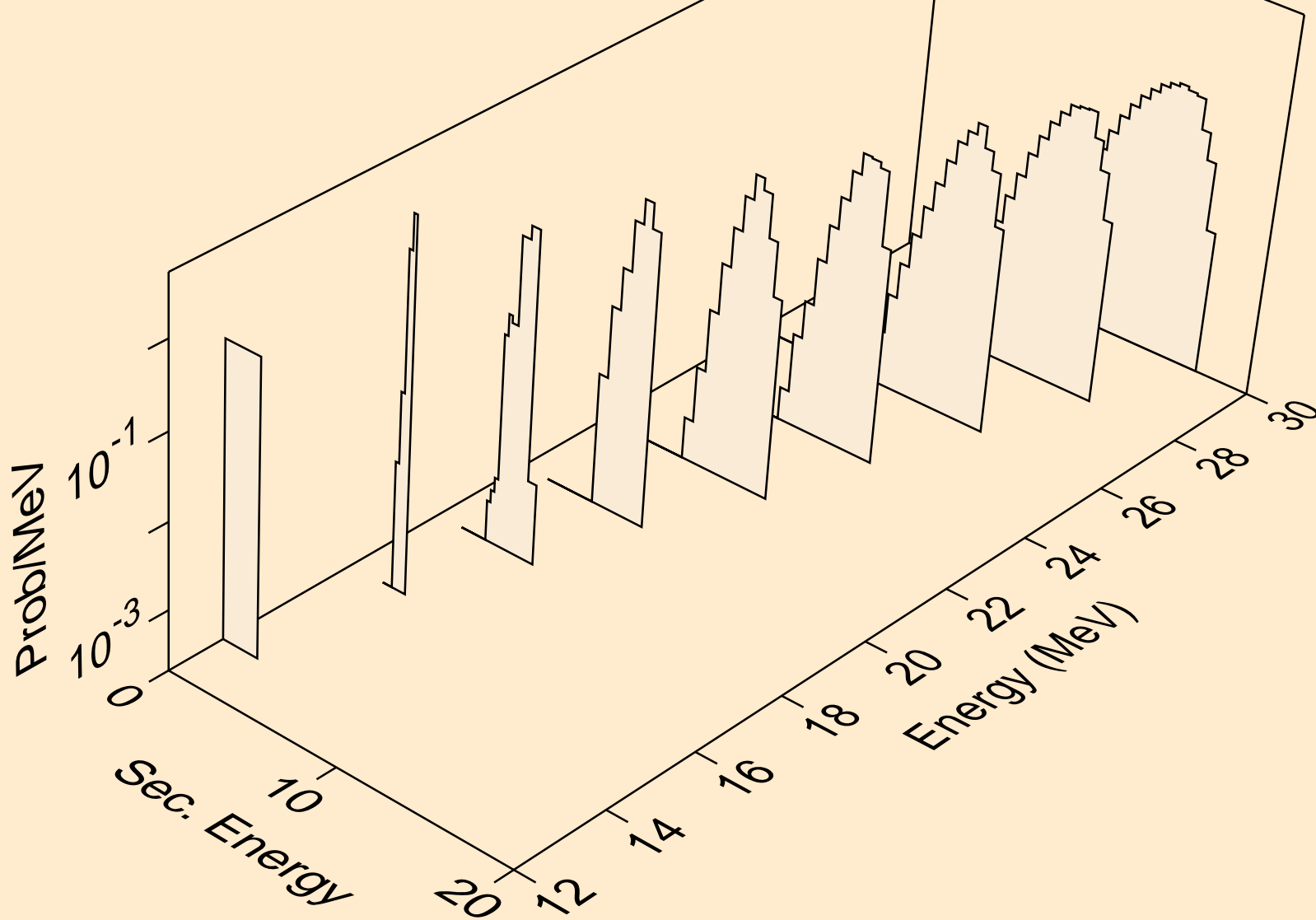
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protons from (n,p)



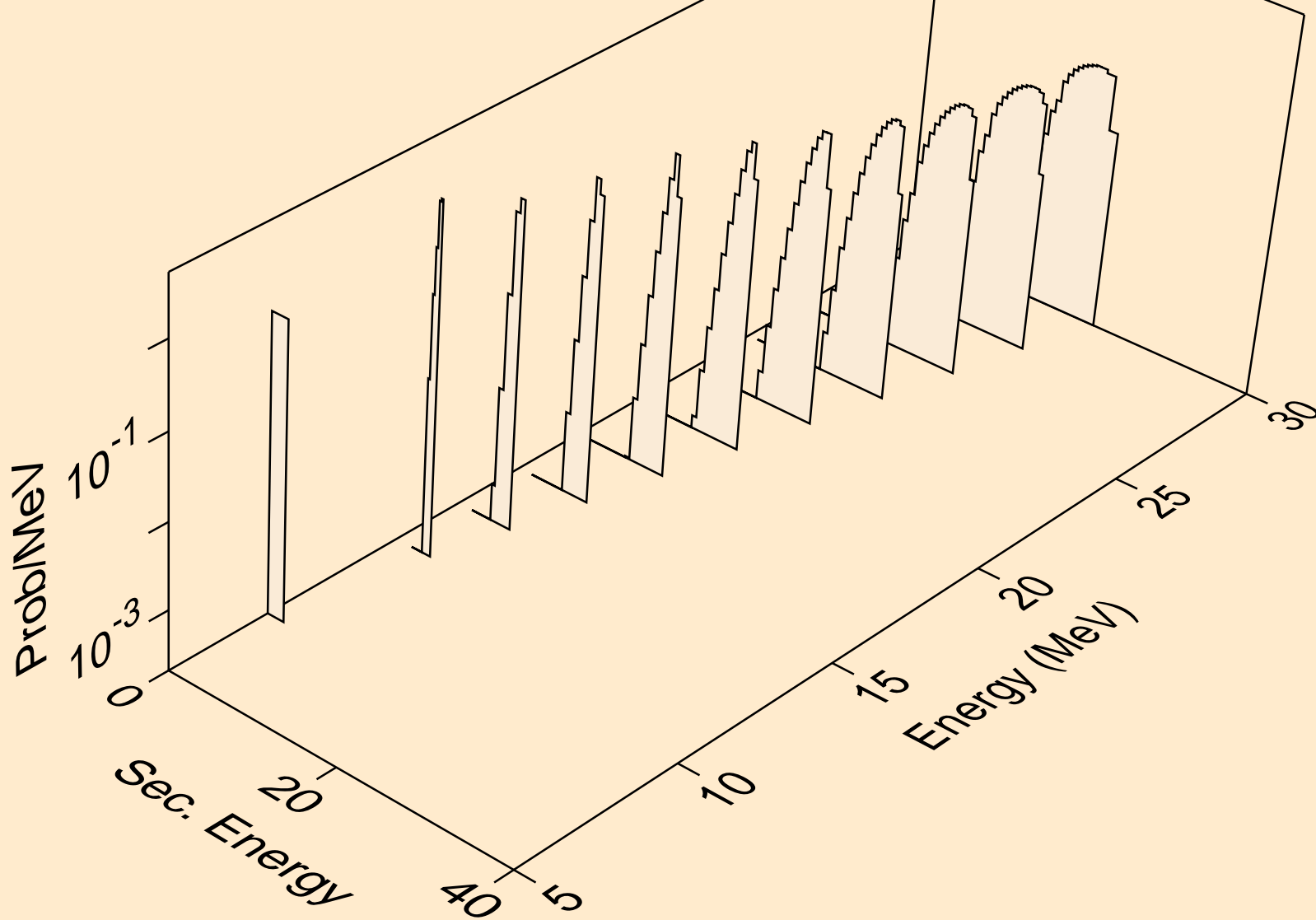
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



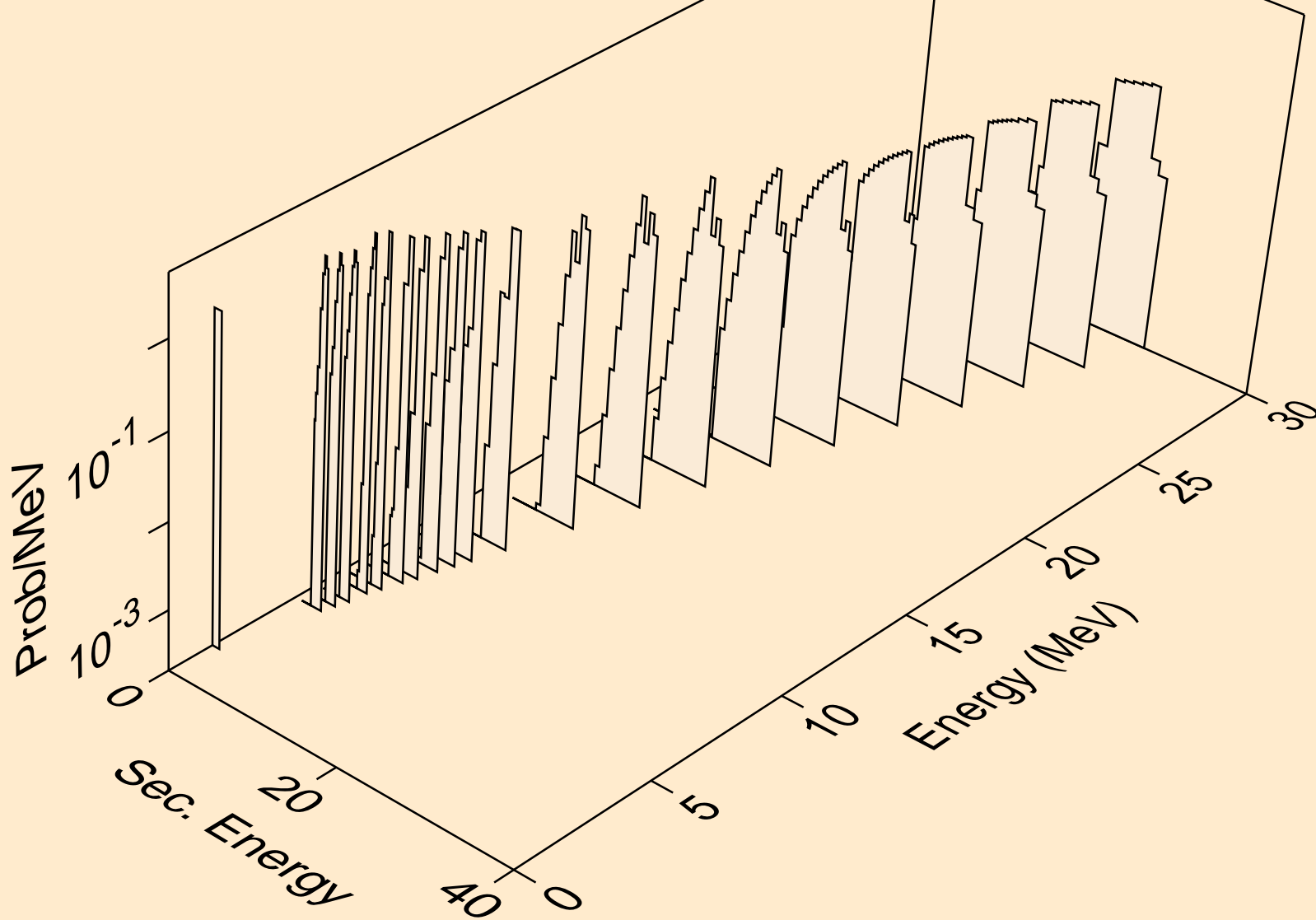
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



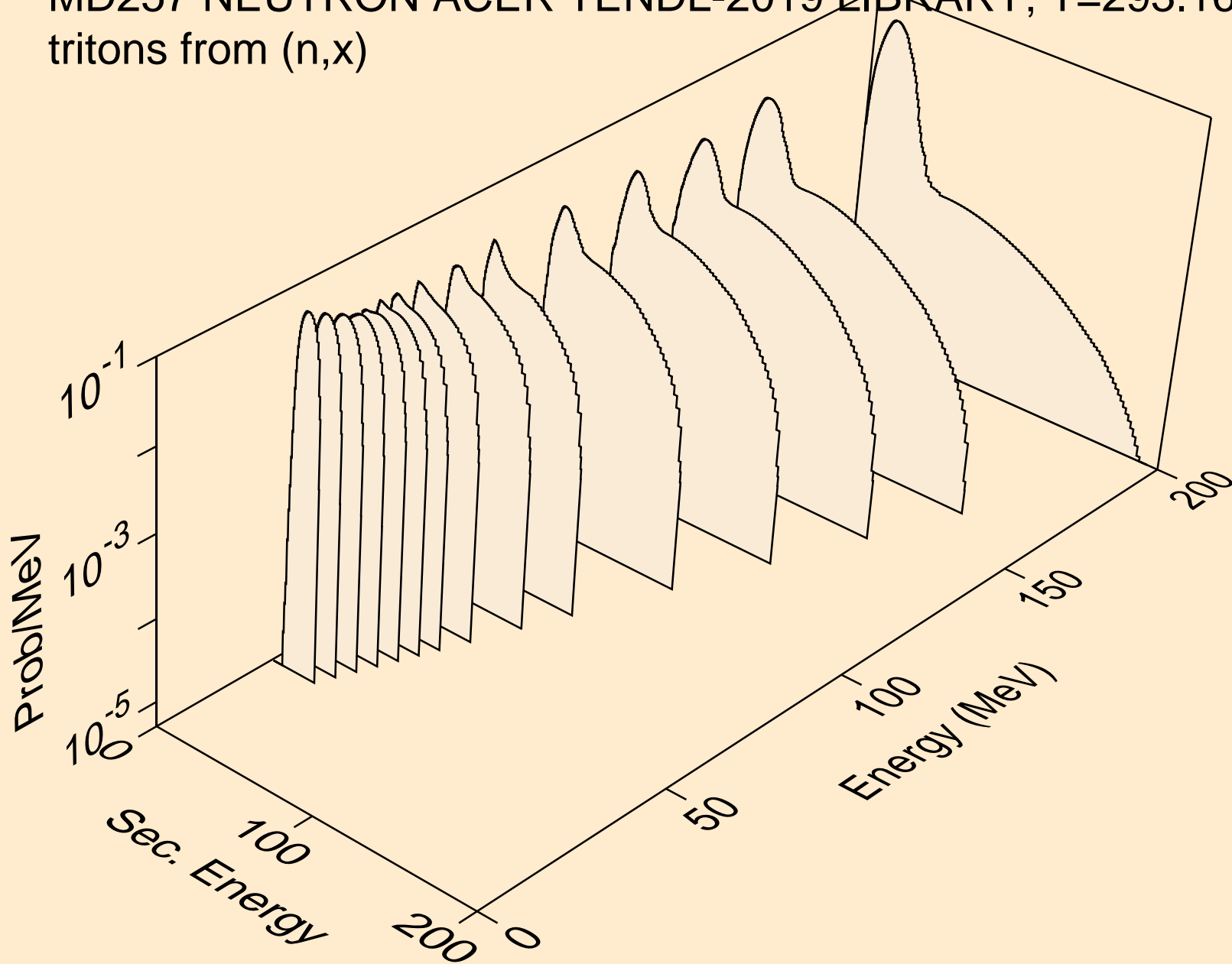
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



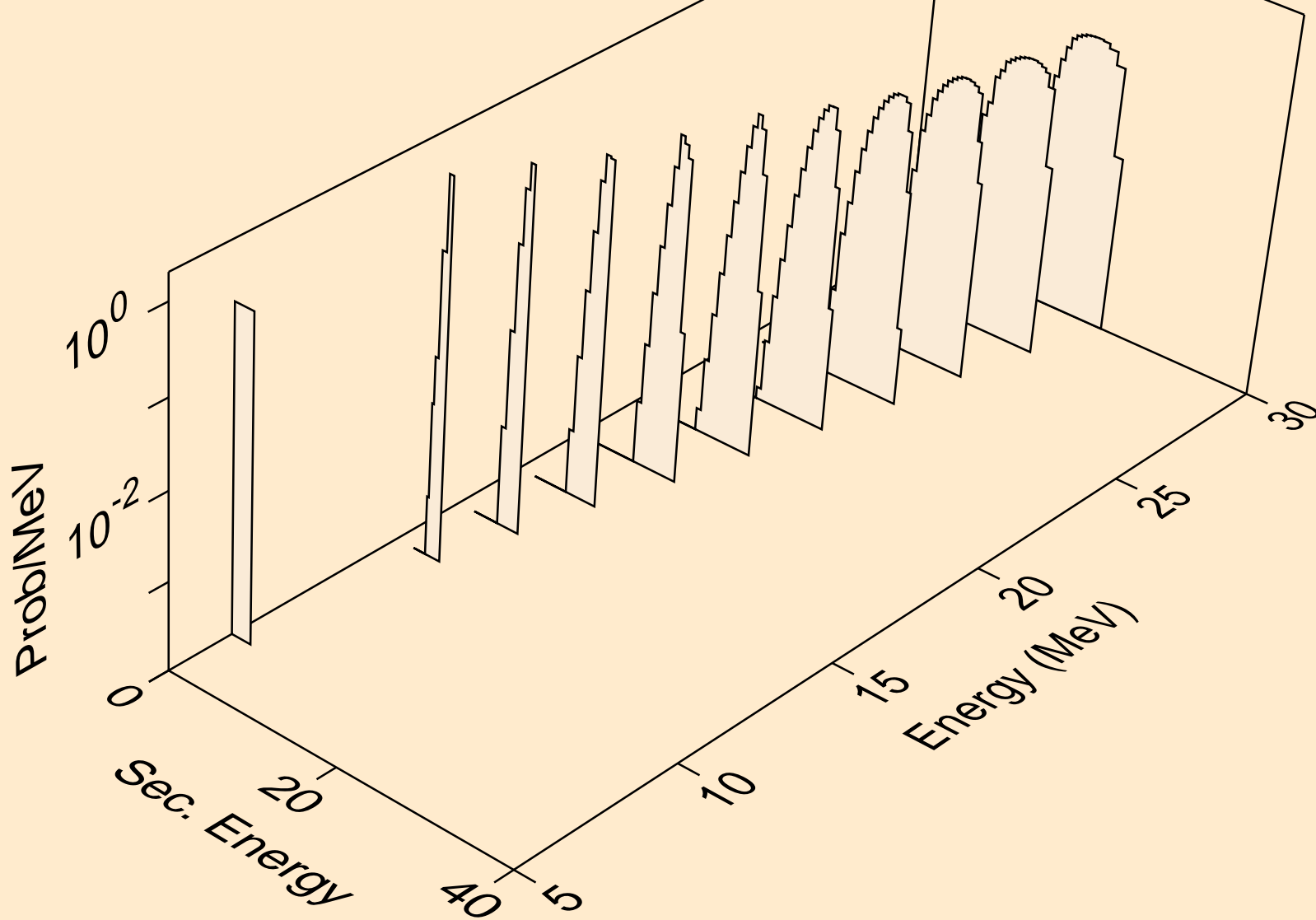
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deuterons from (n,d)



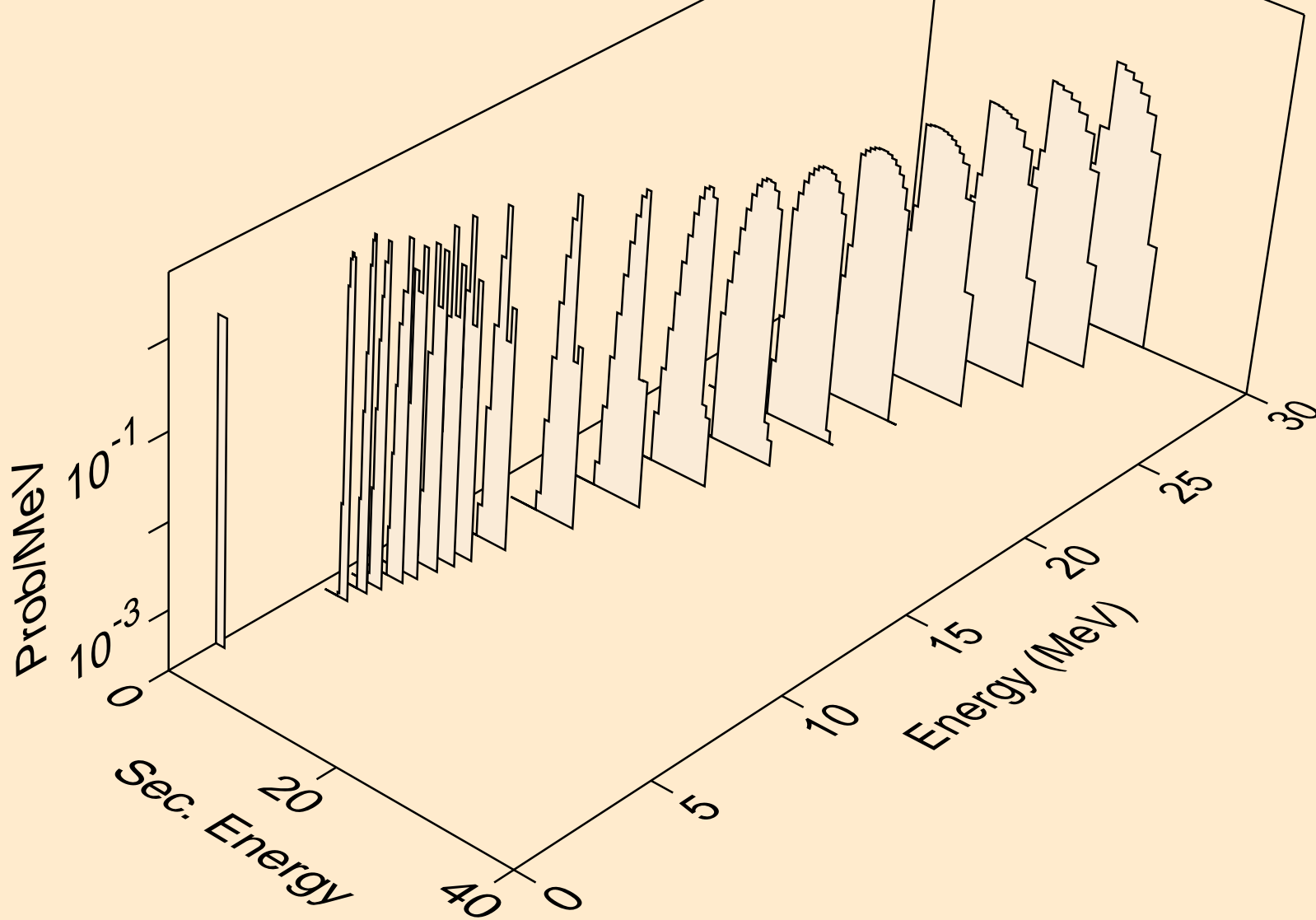
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

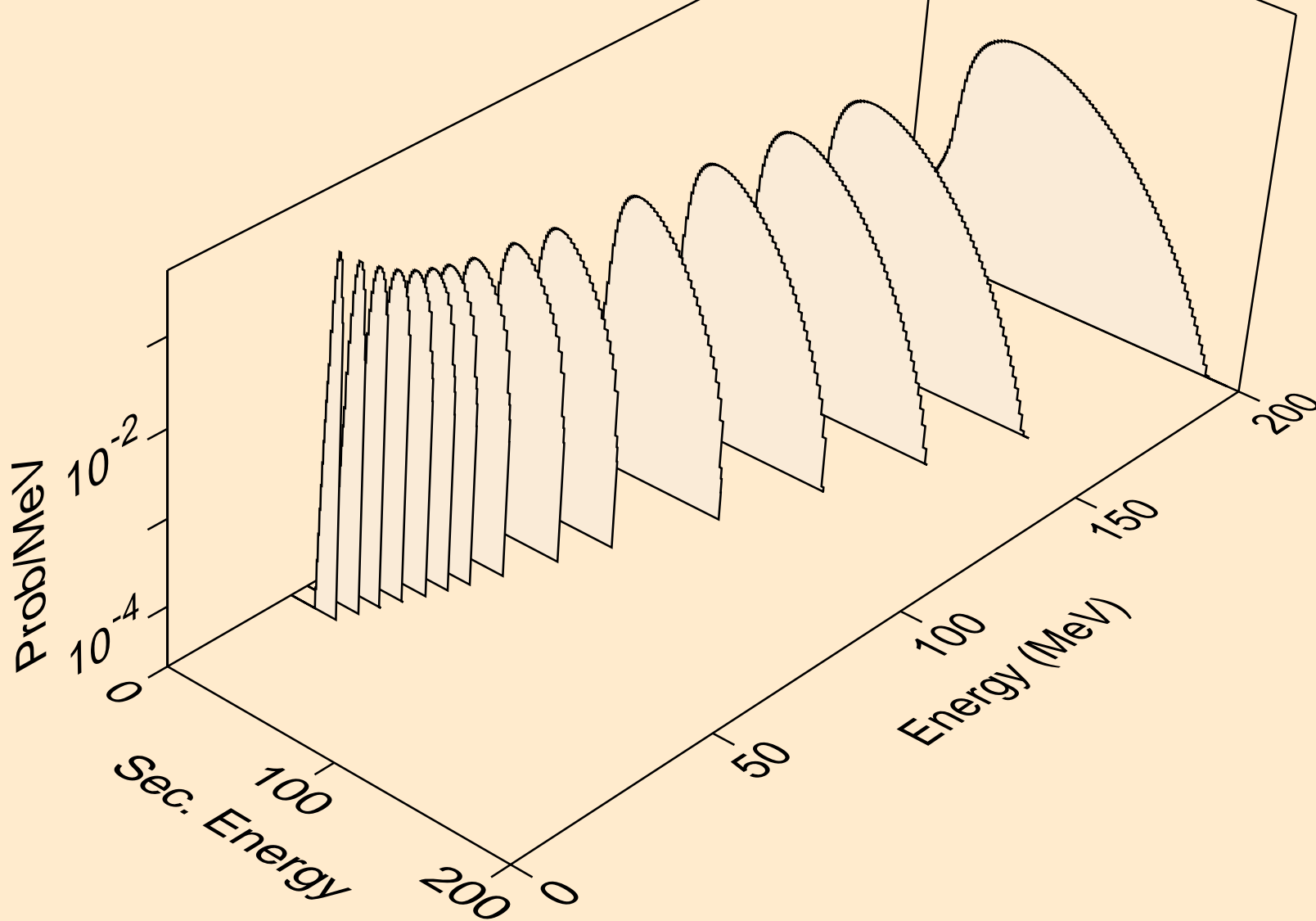


MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

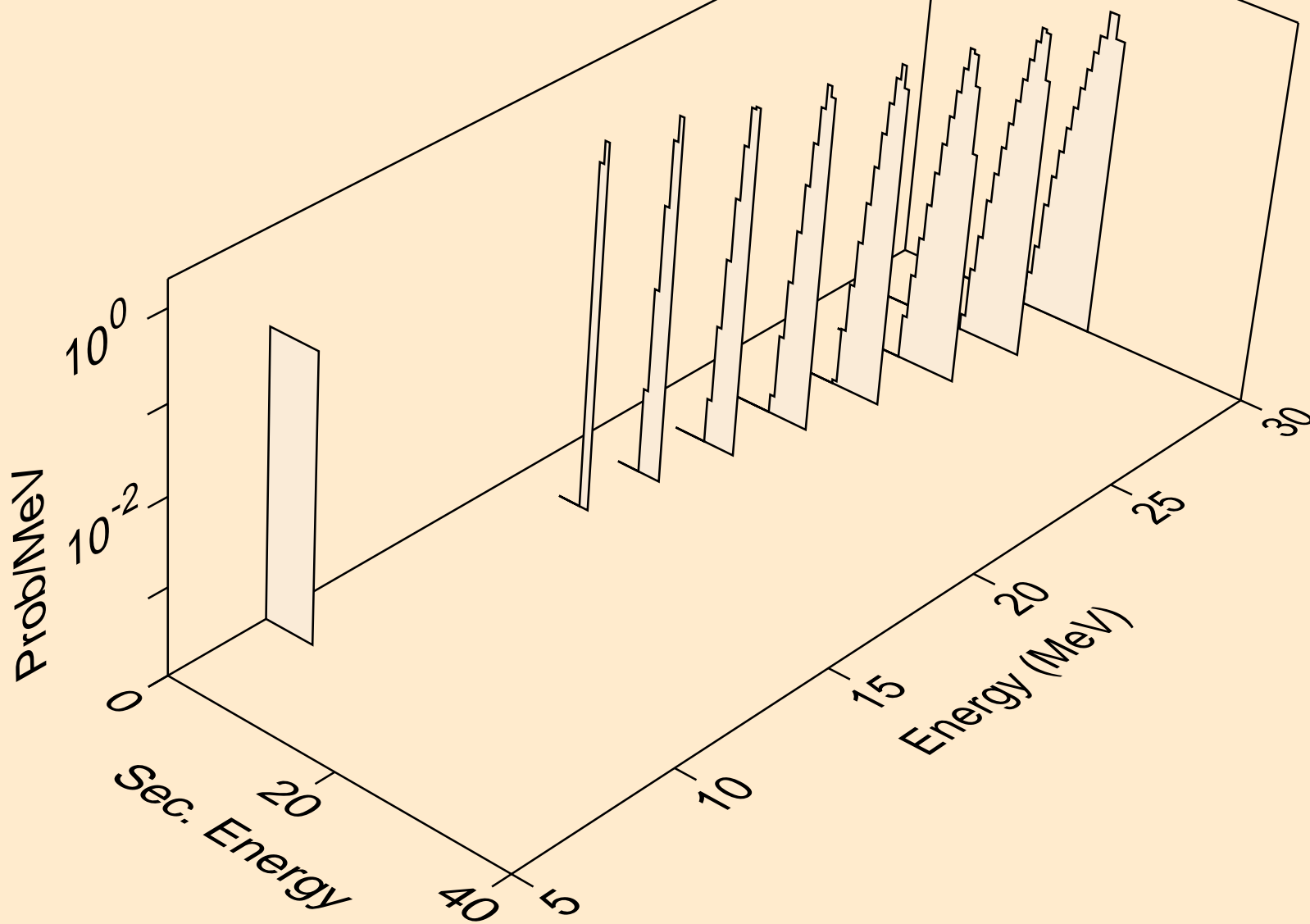




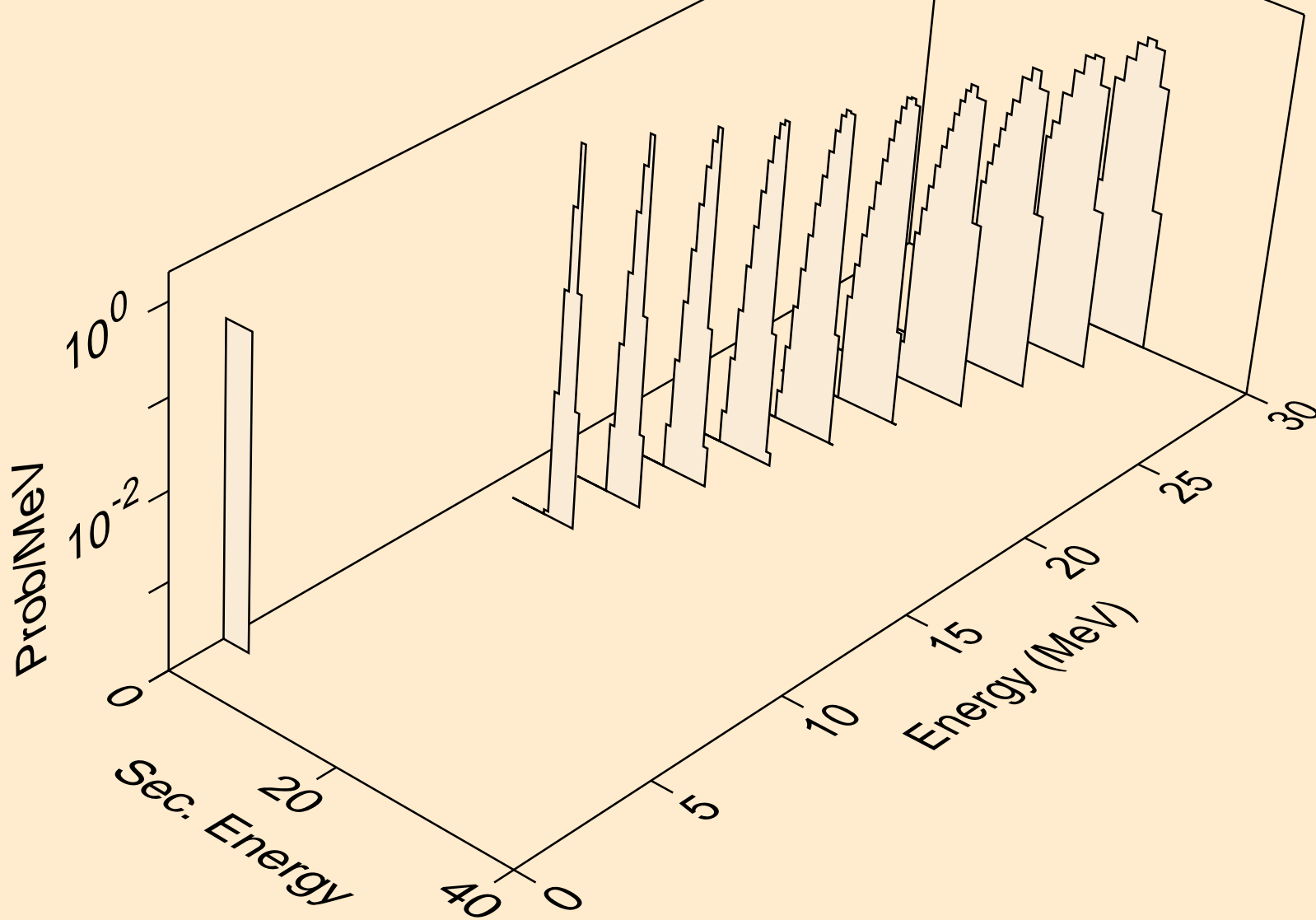
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



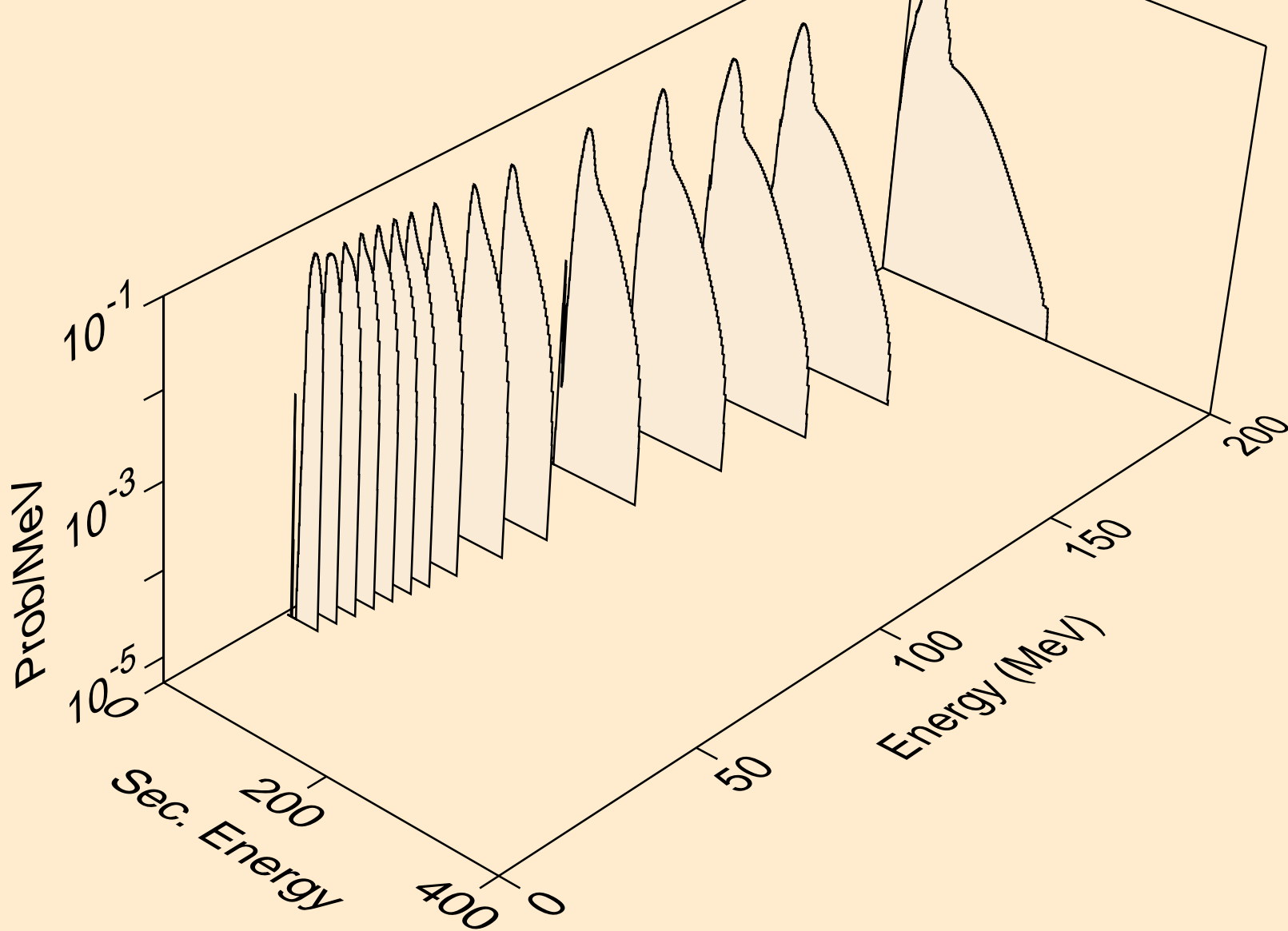
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



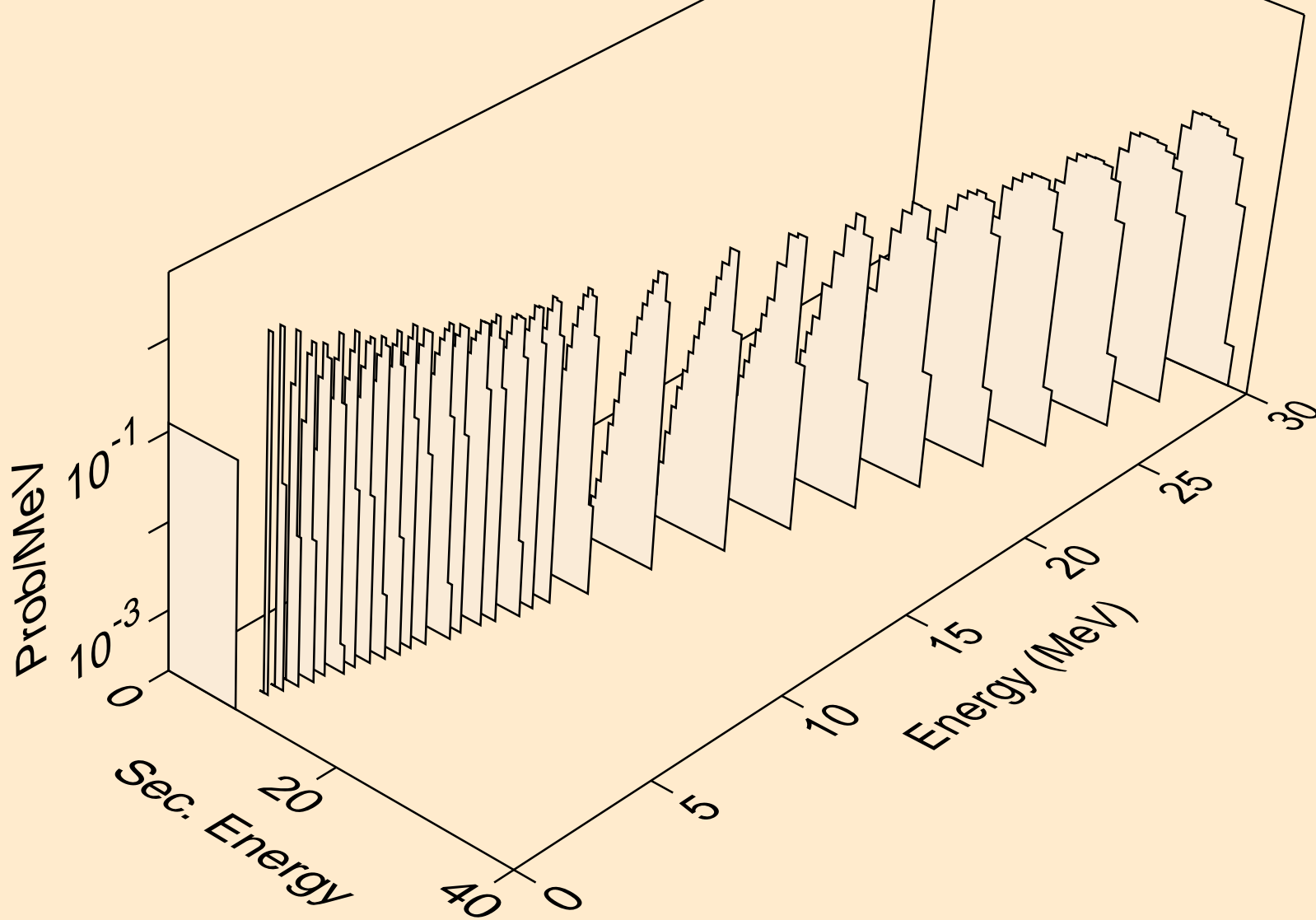
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he3s from (n,he3)



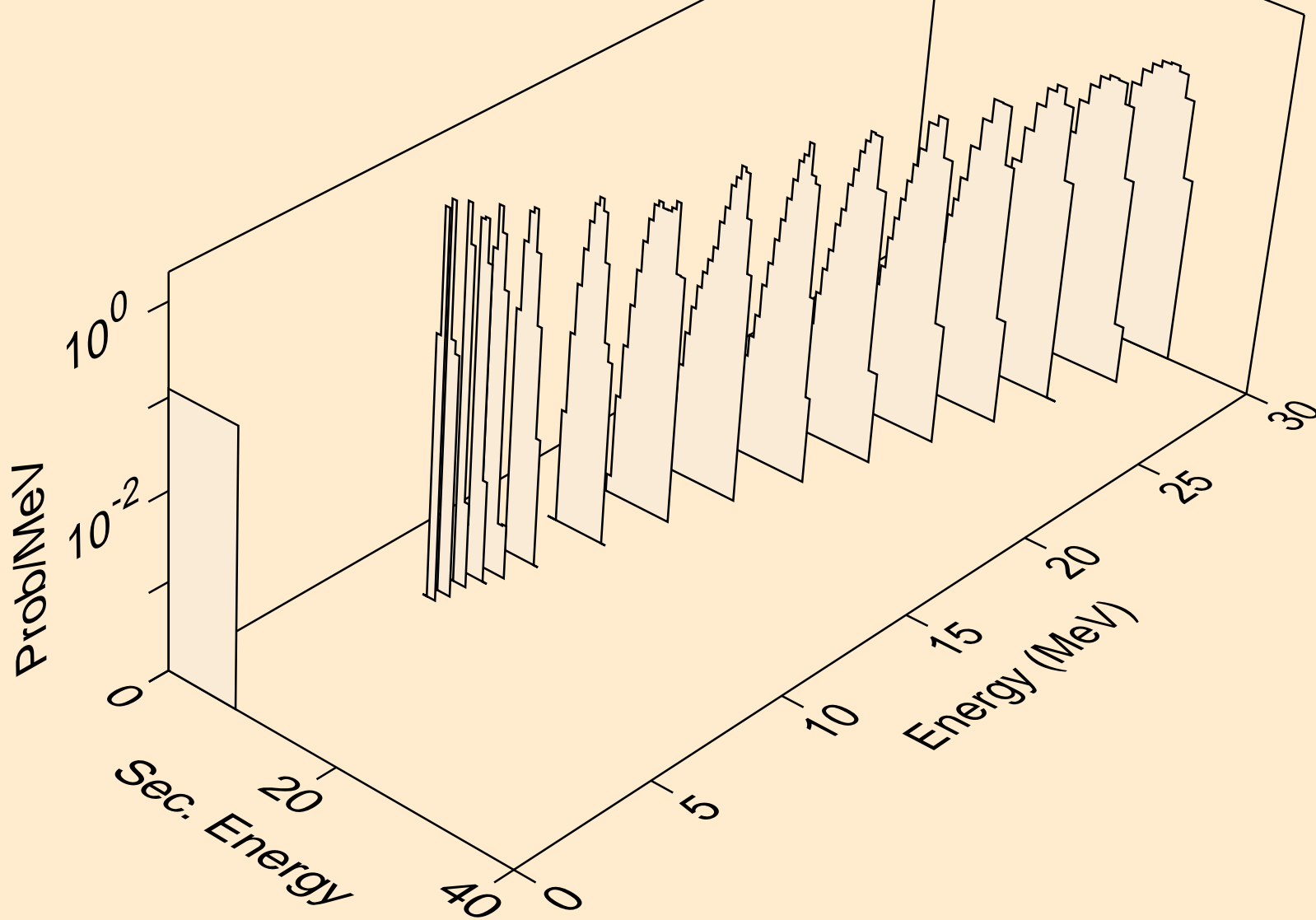
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



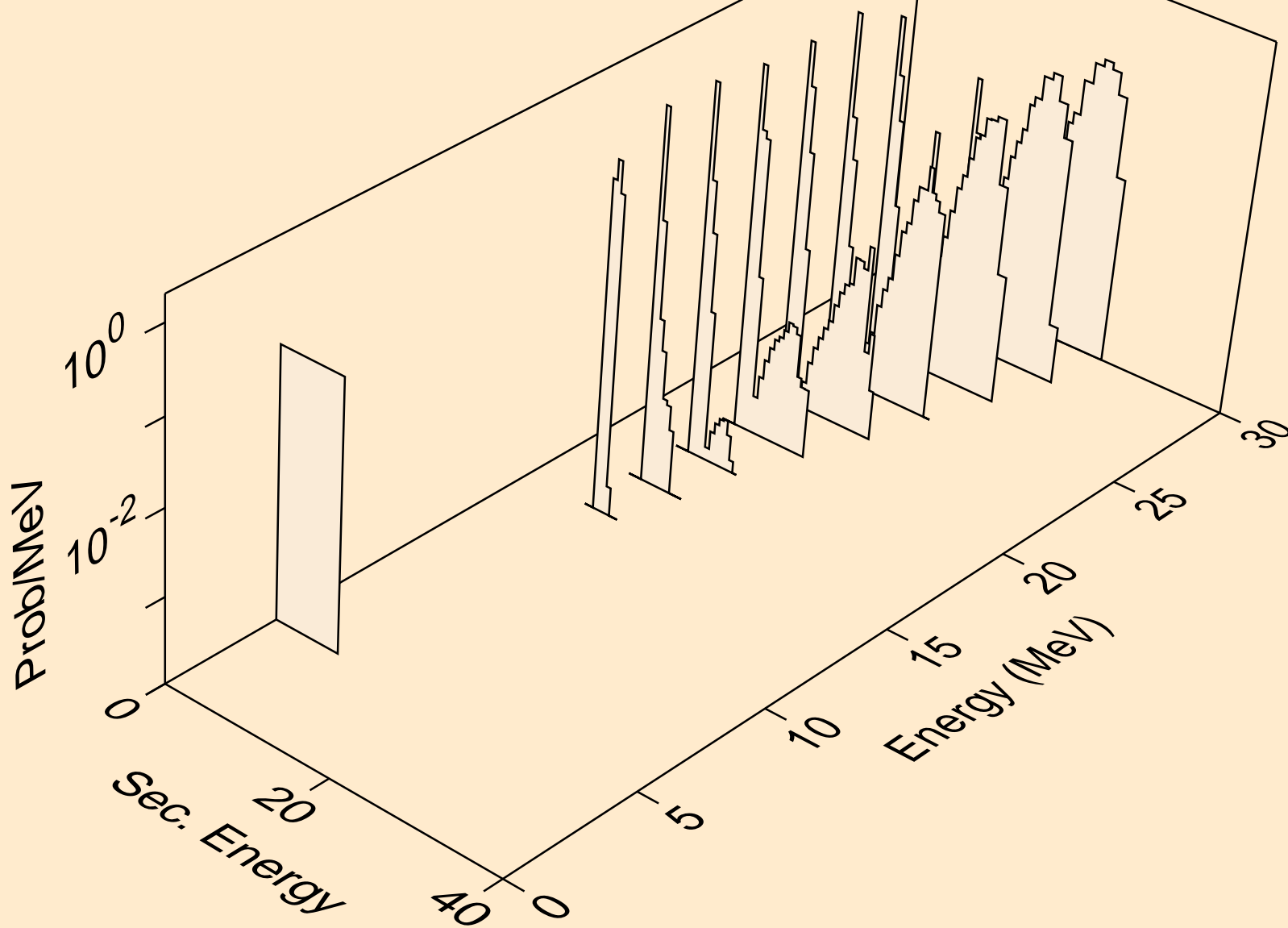
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



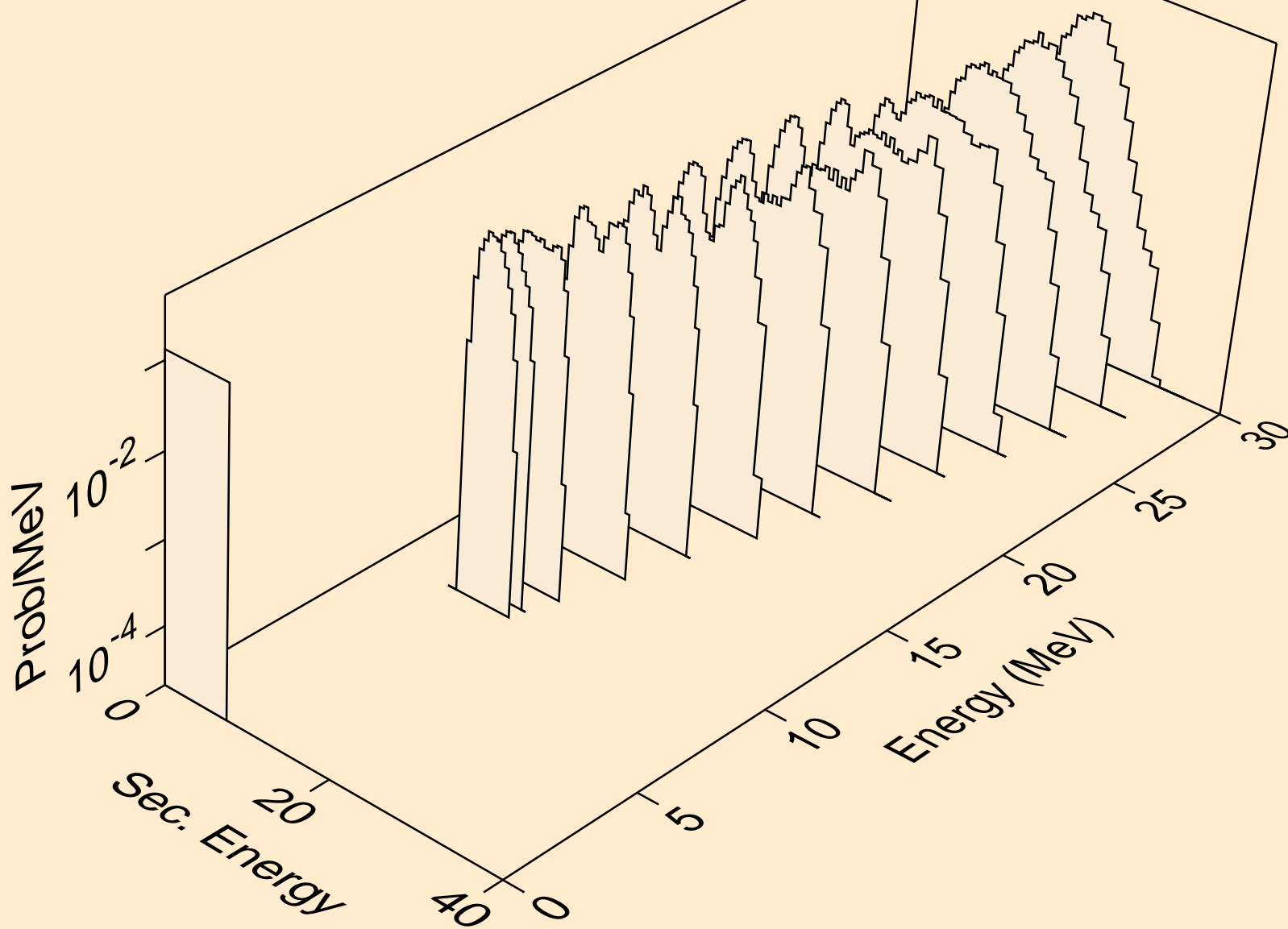
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a

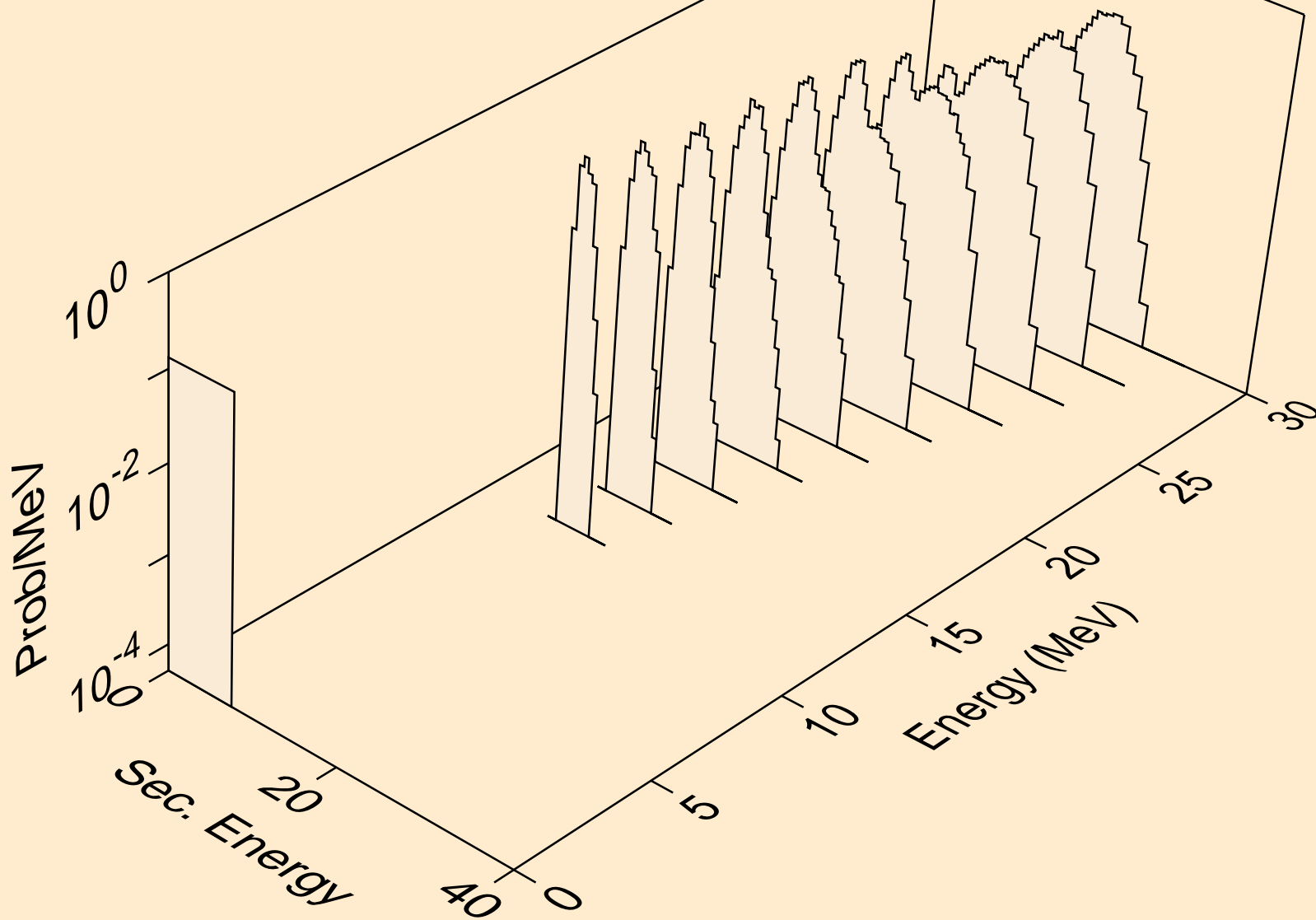


MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a

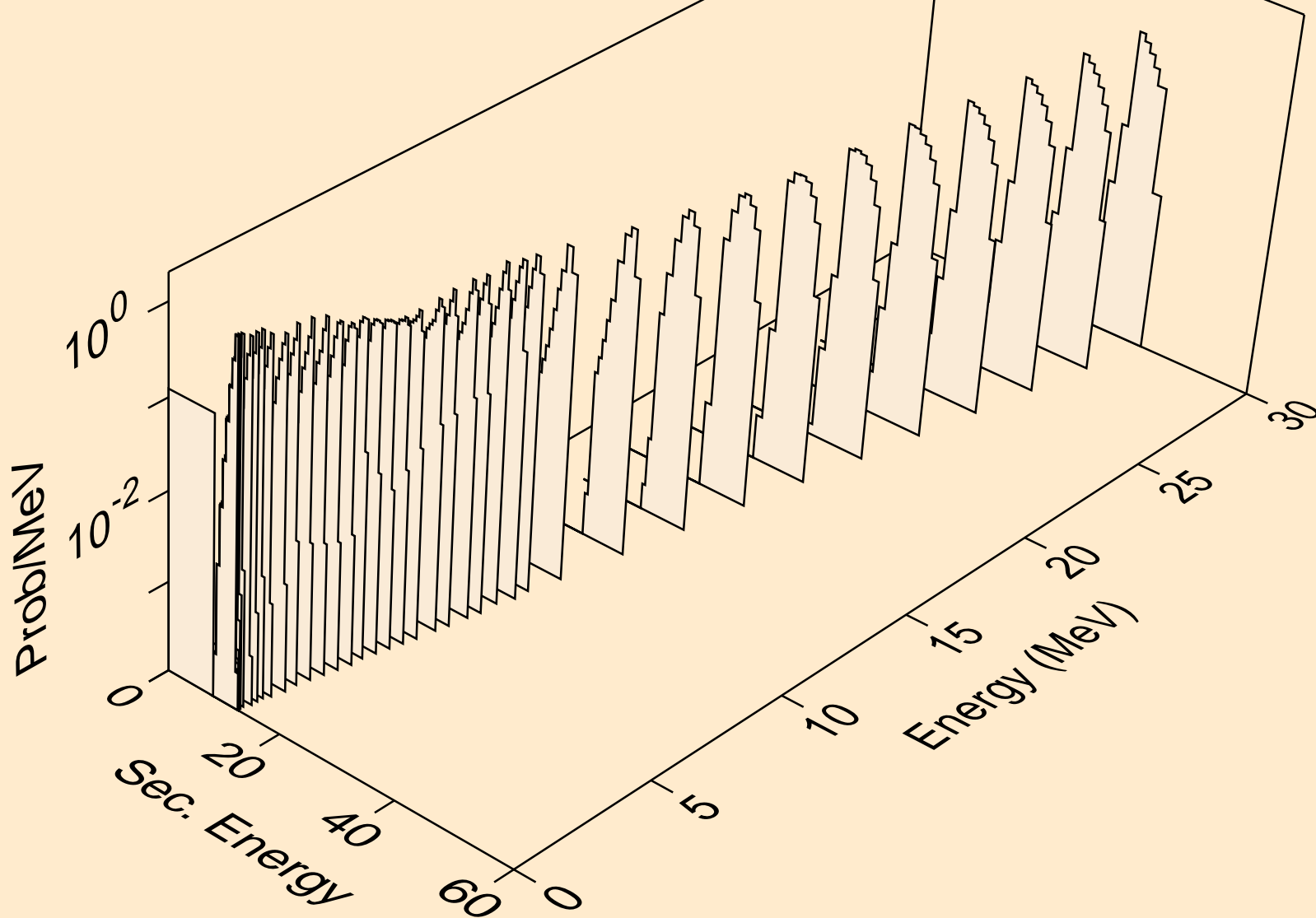




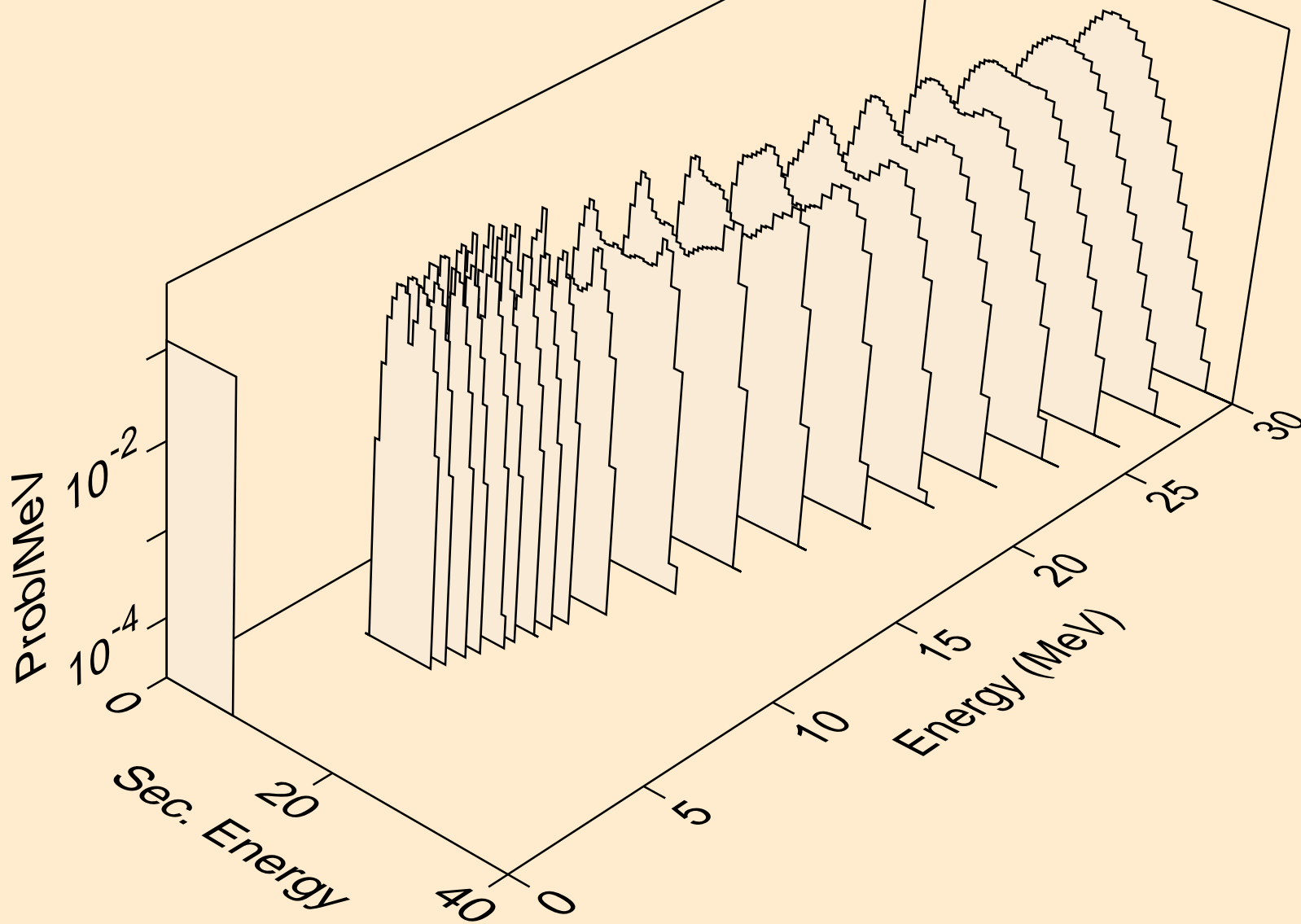
MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



MD257 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)

