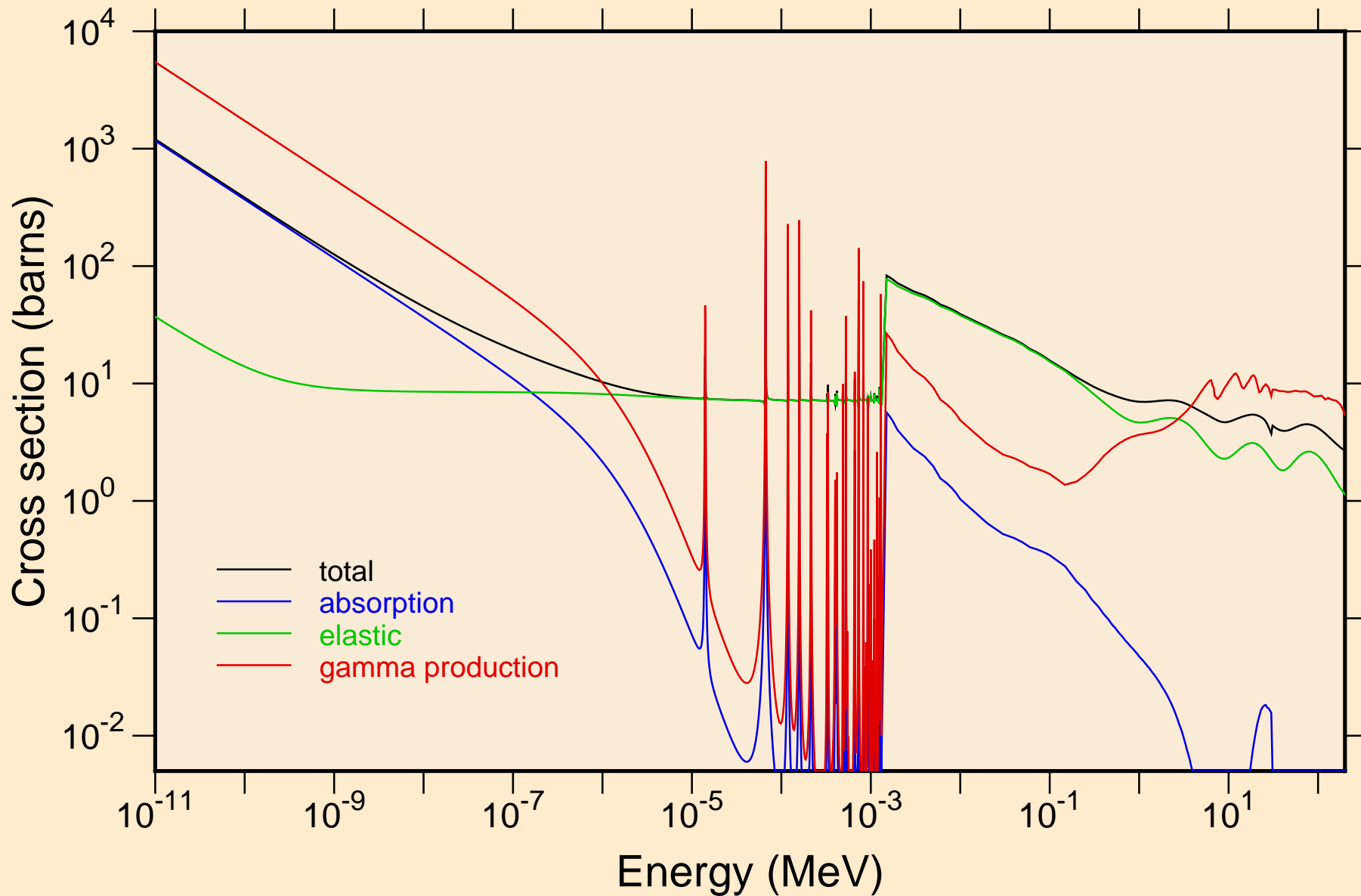
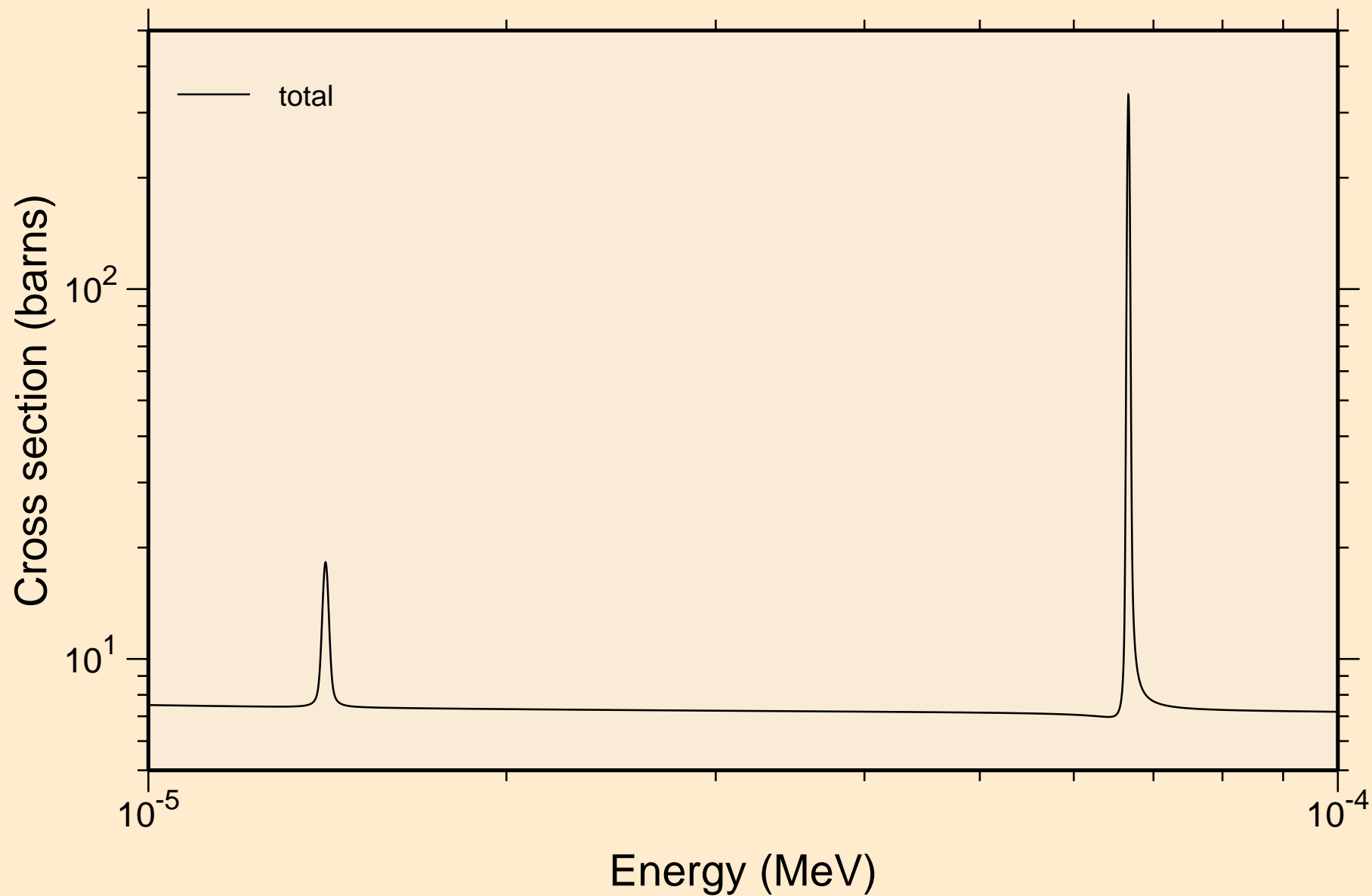


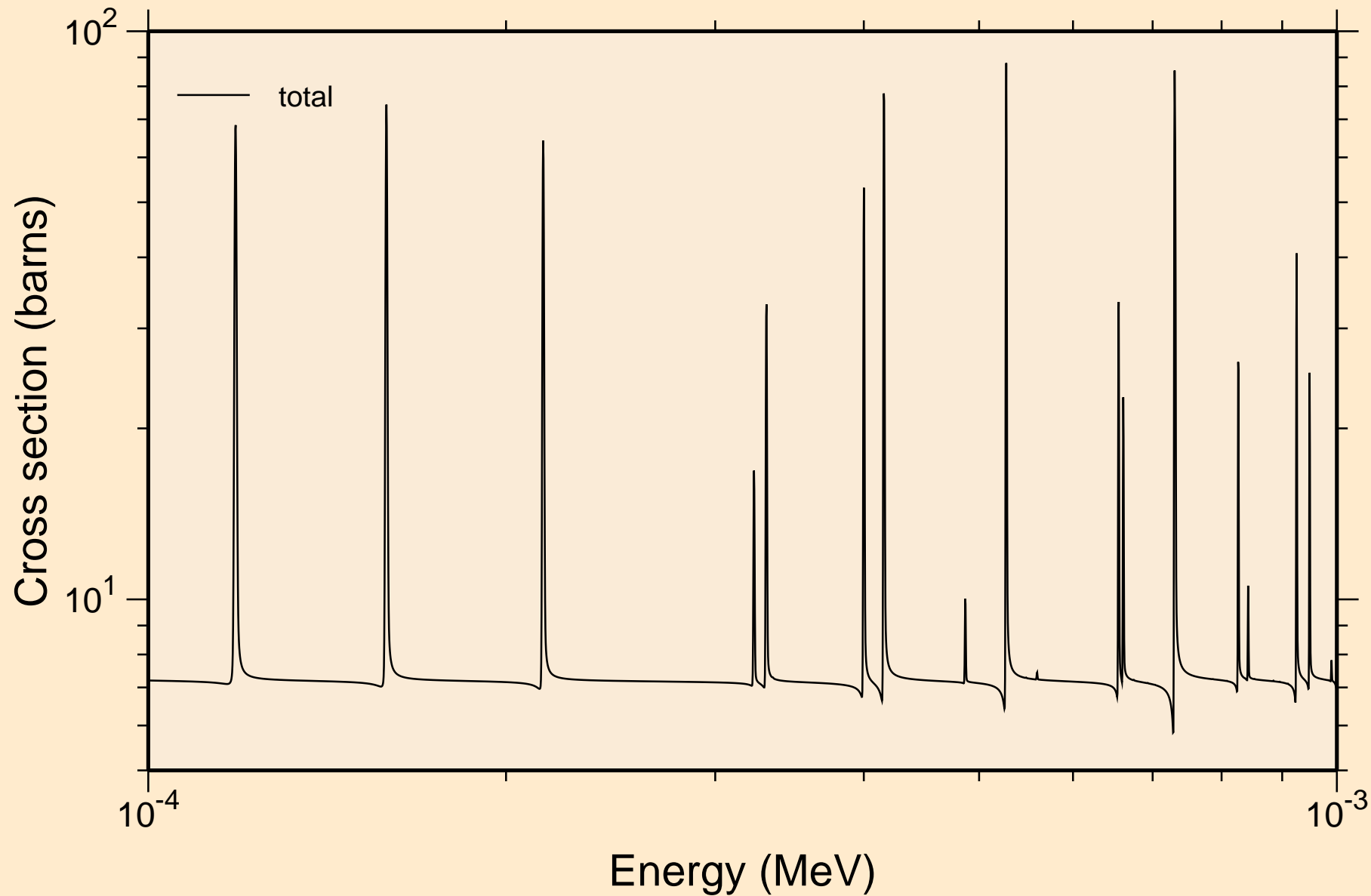
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



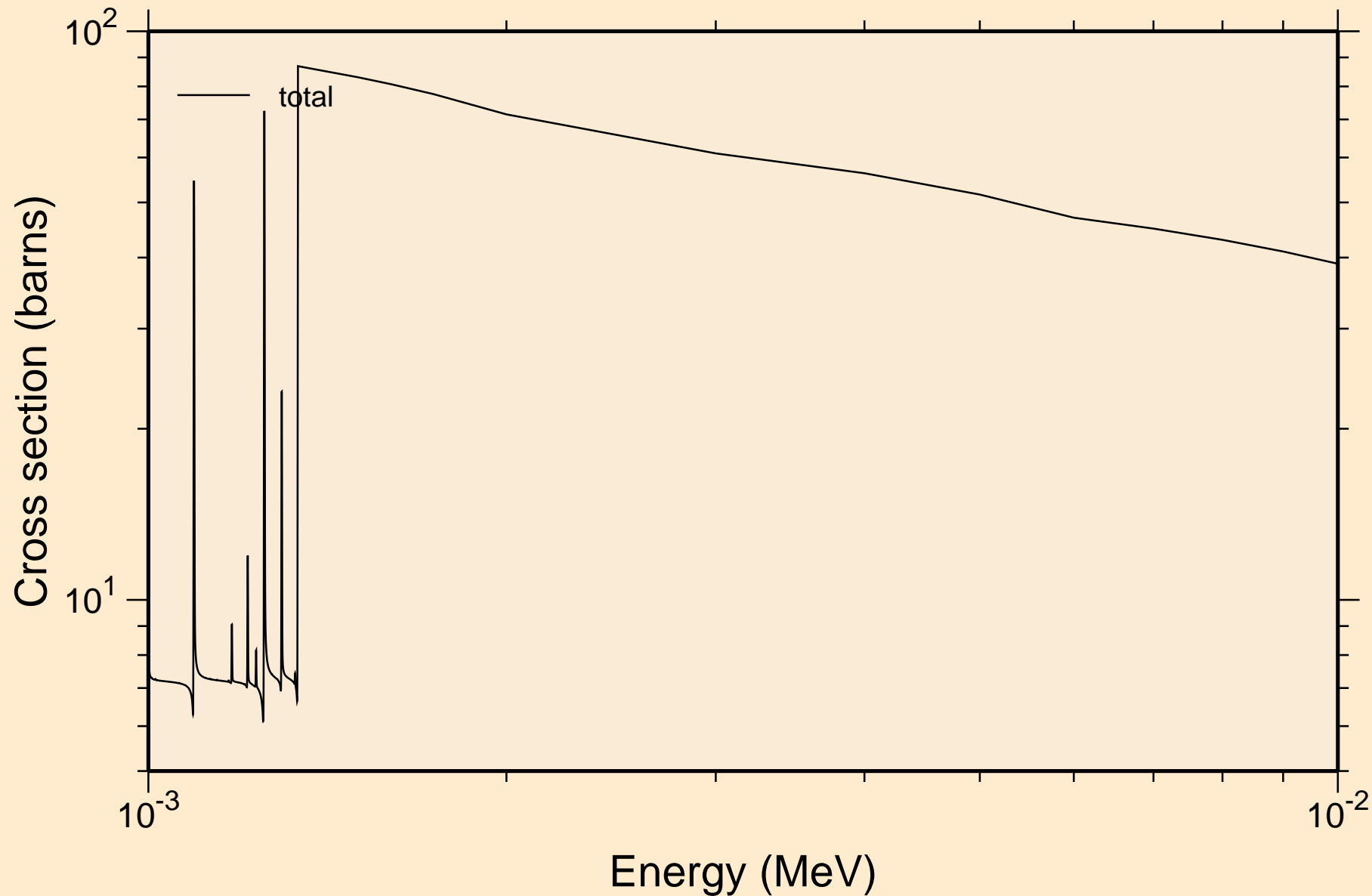
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resonance total cross section



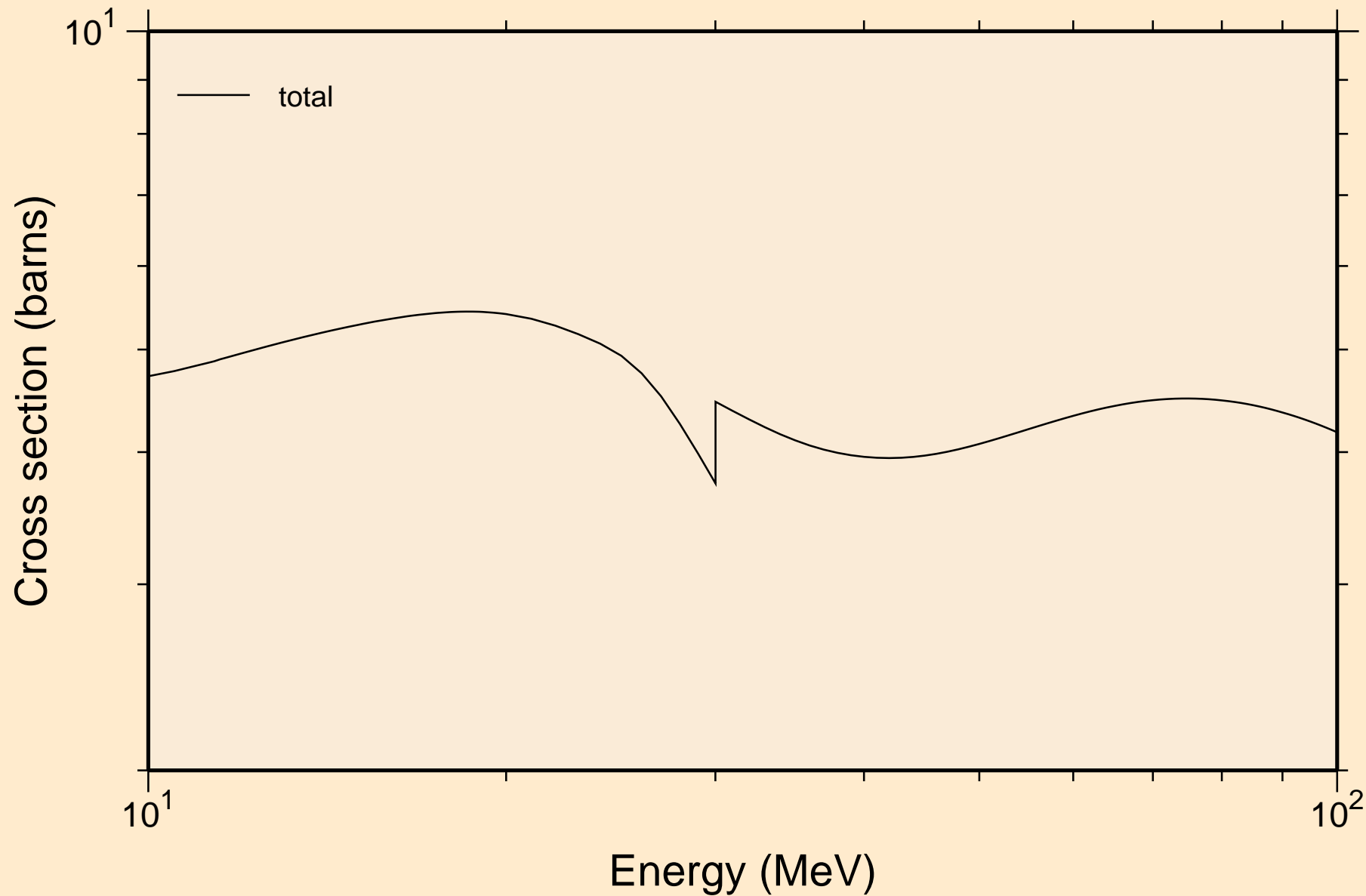
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



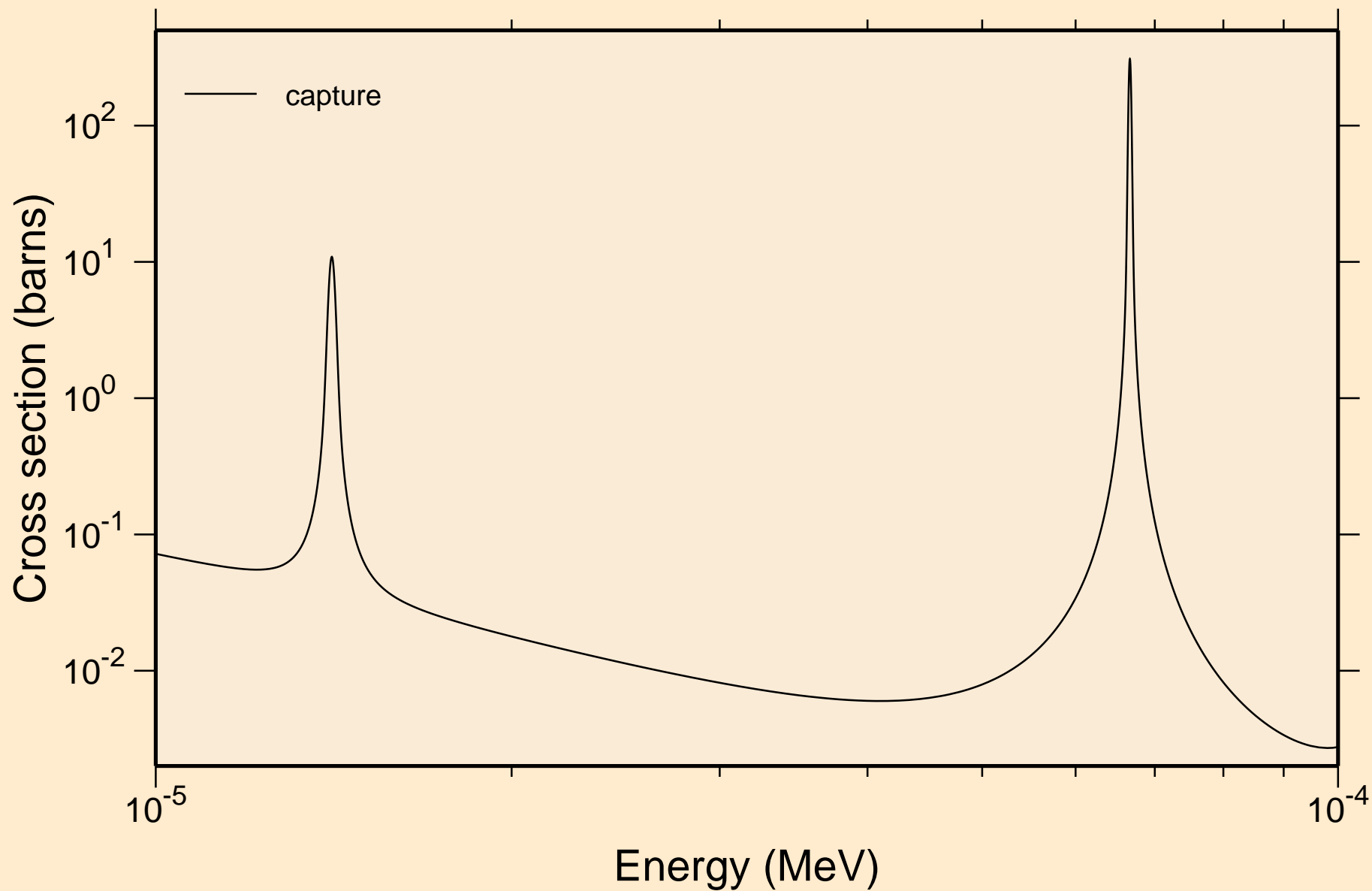
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resonance total cross section



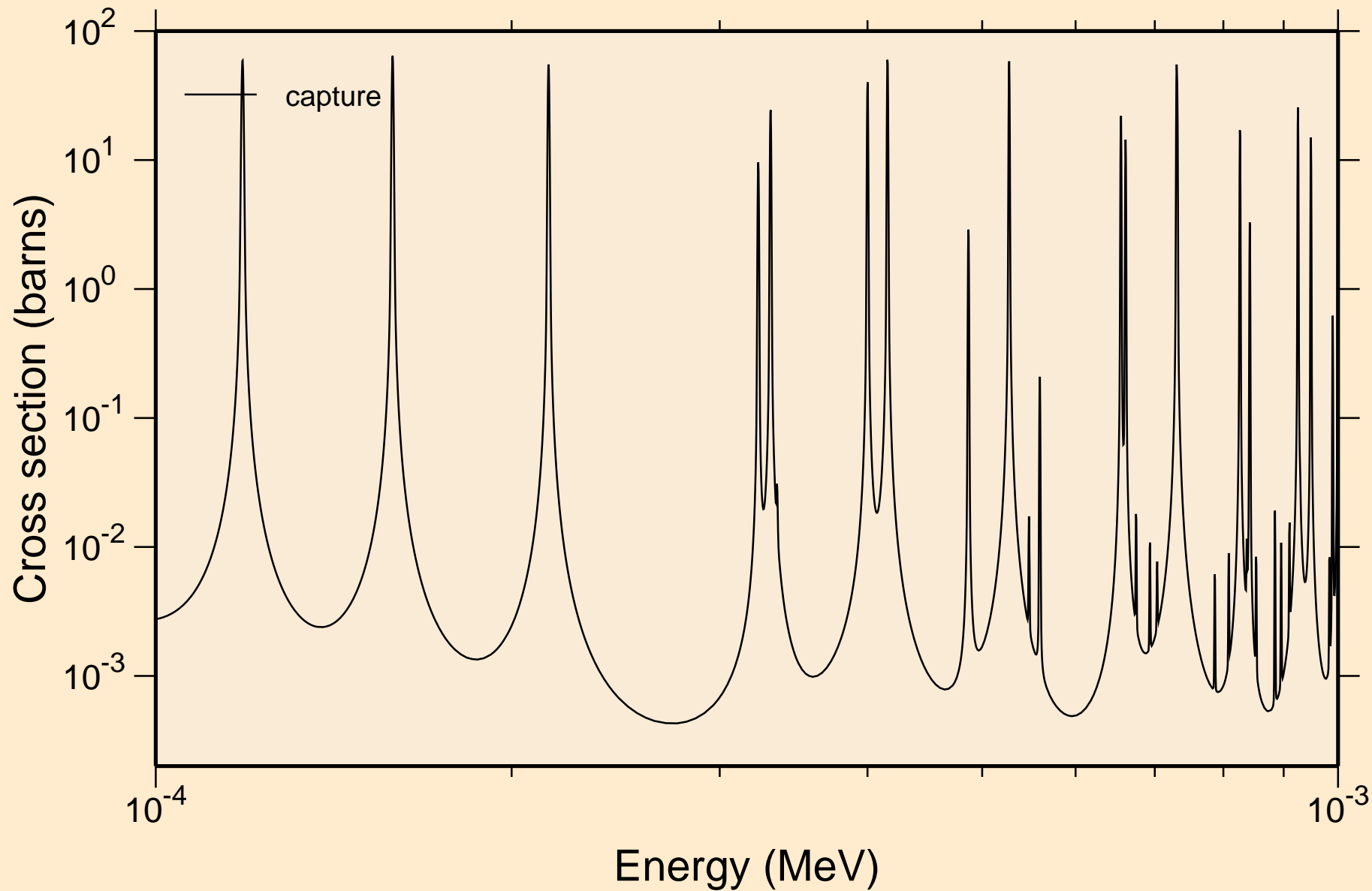
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



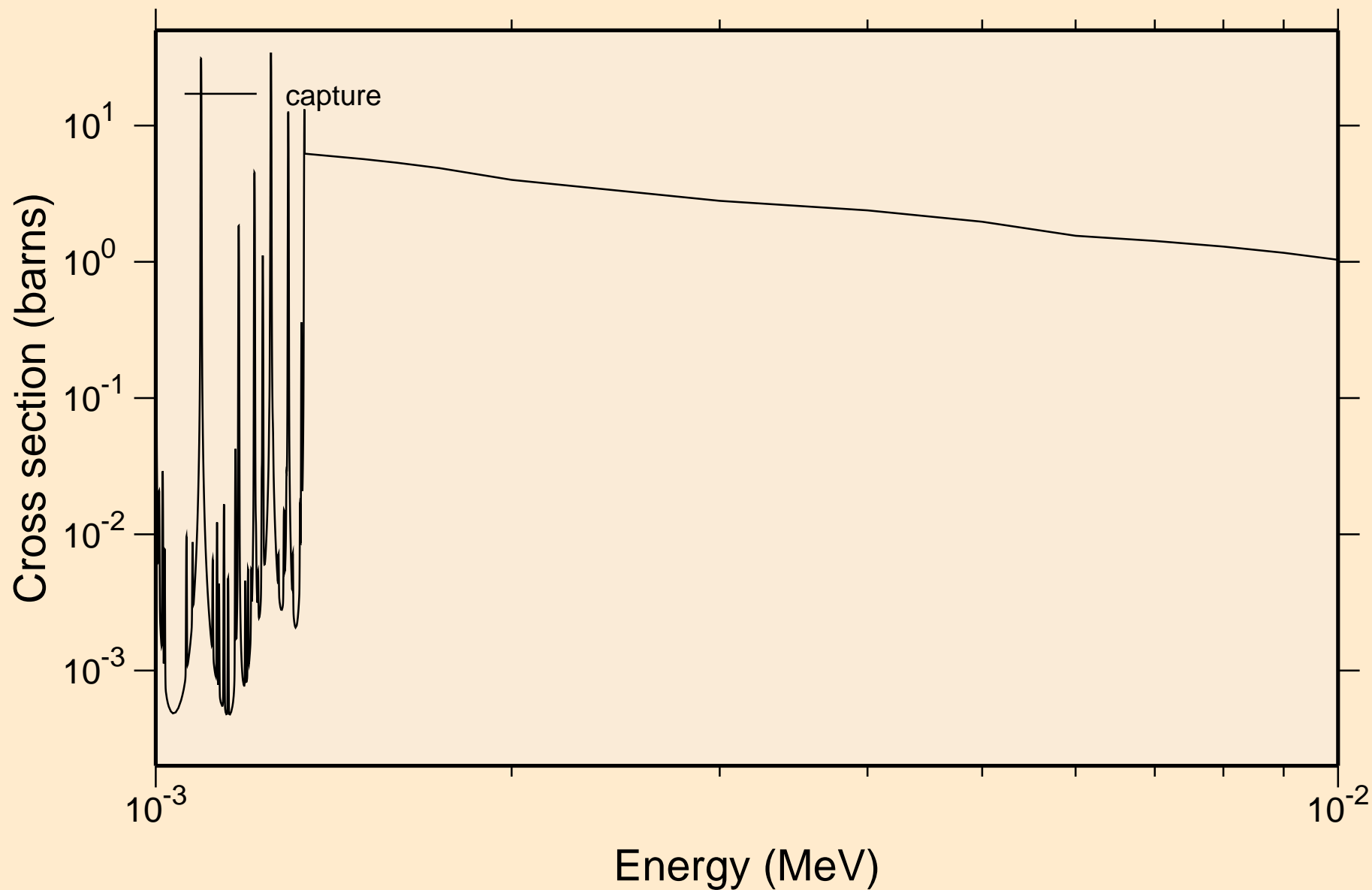
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

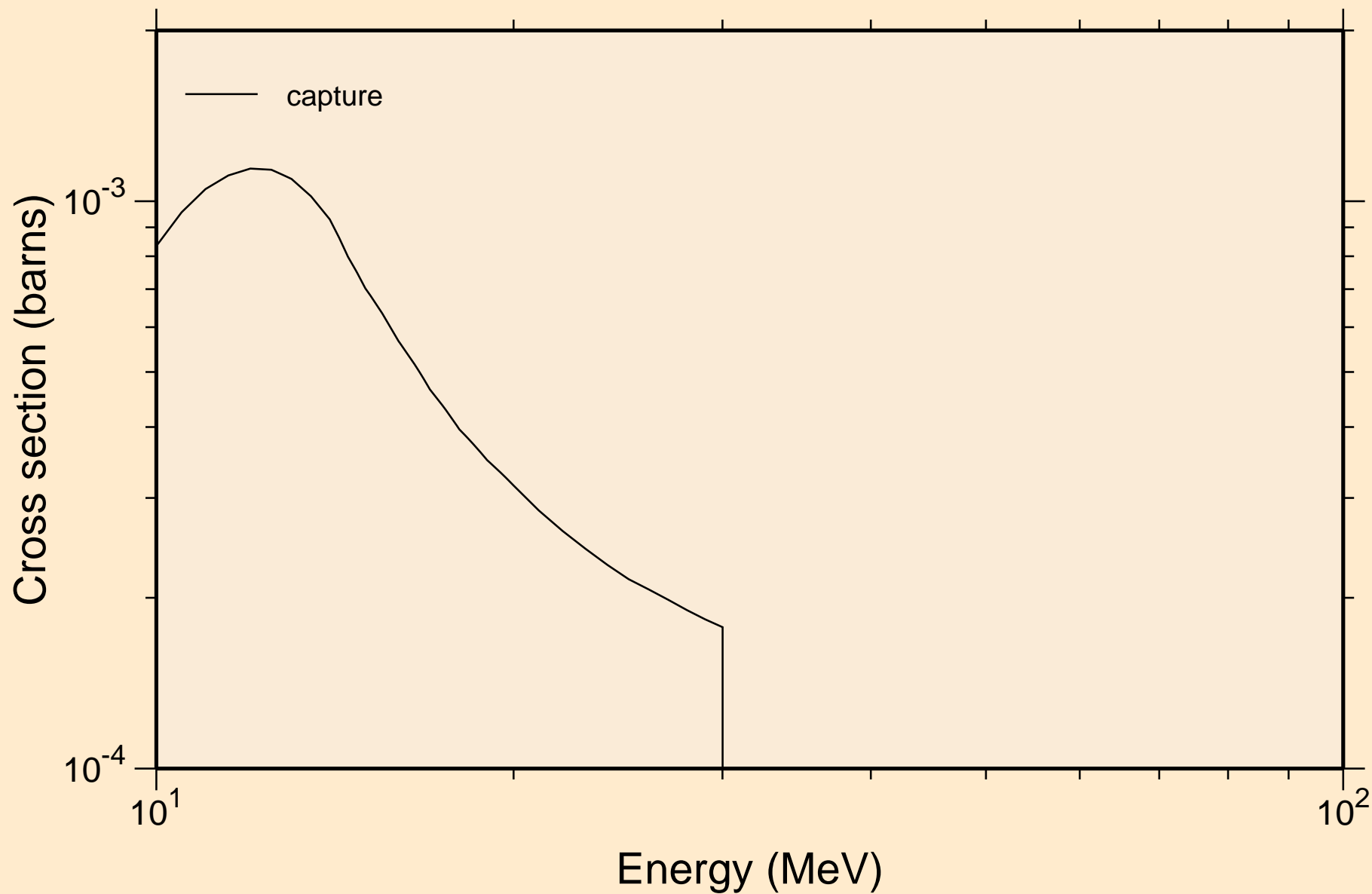


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

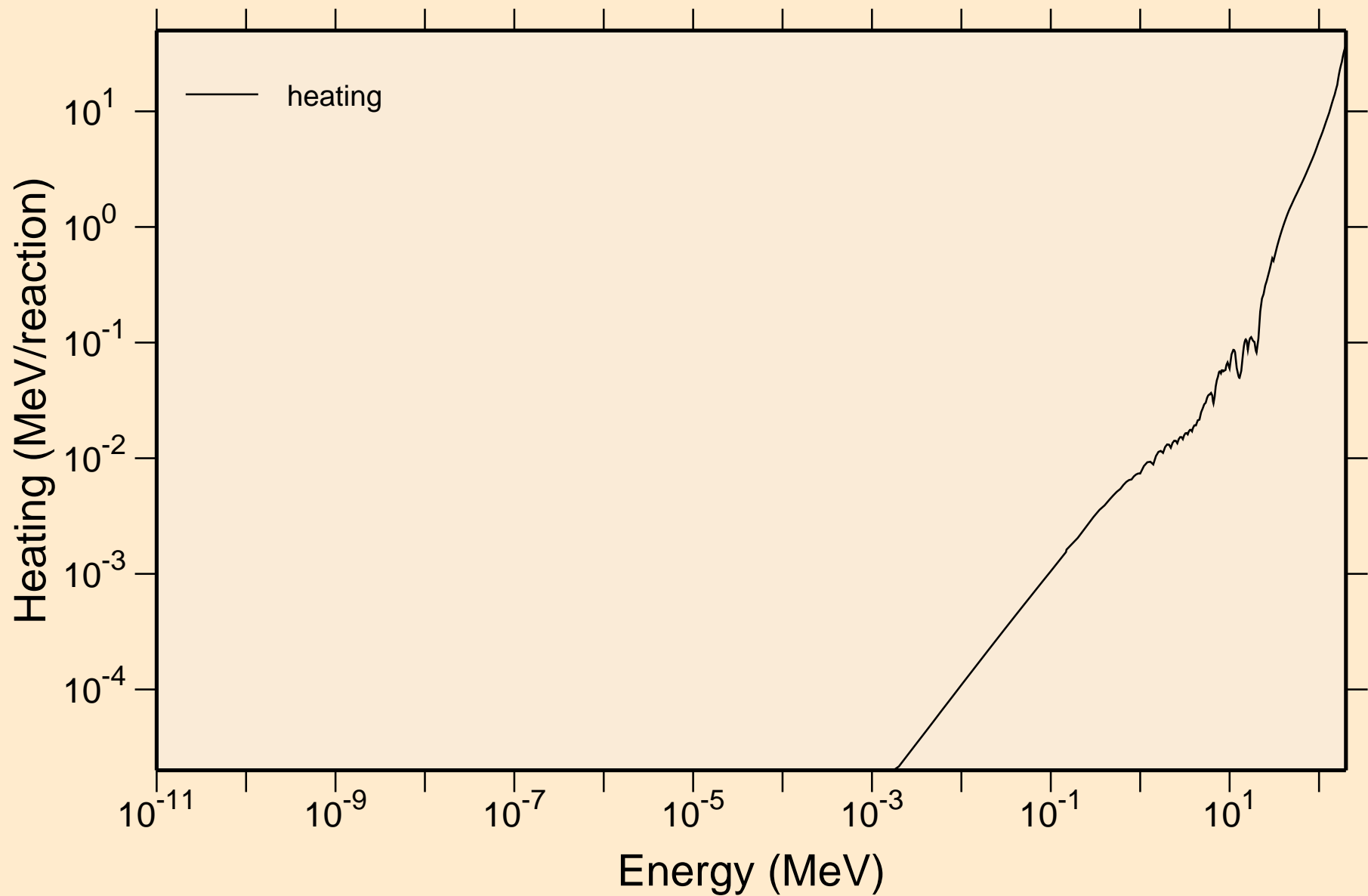




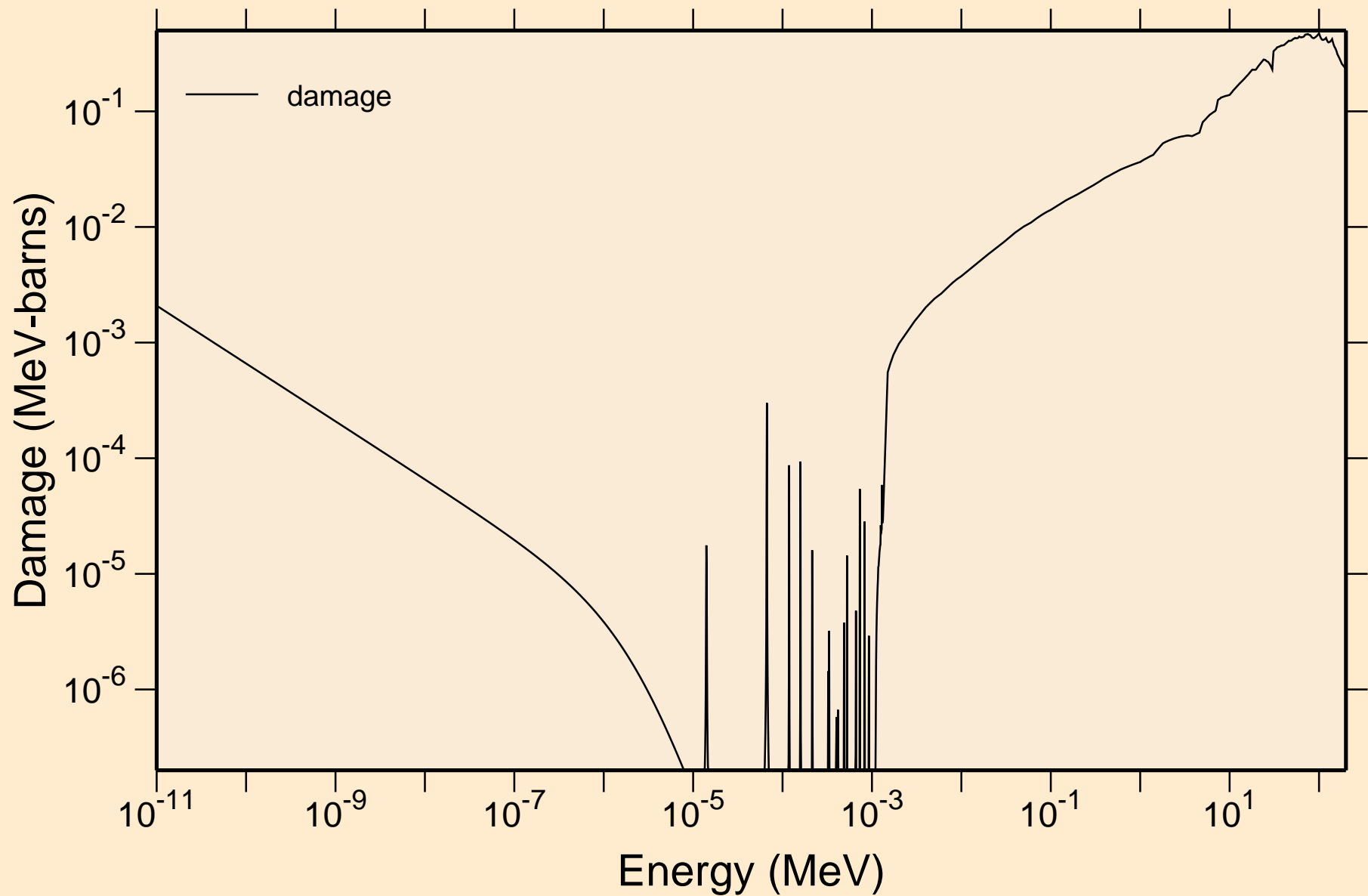
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



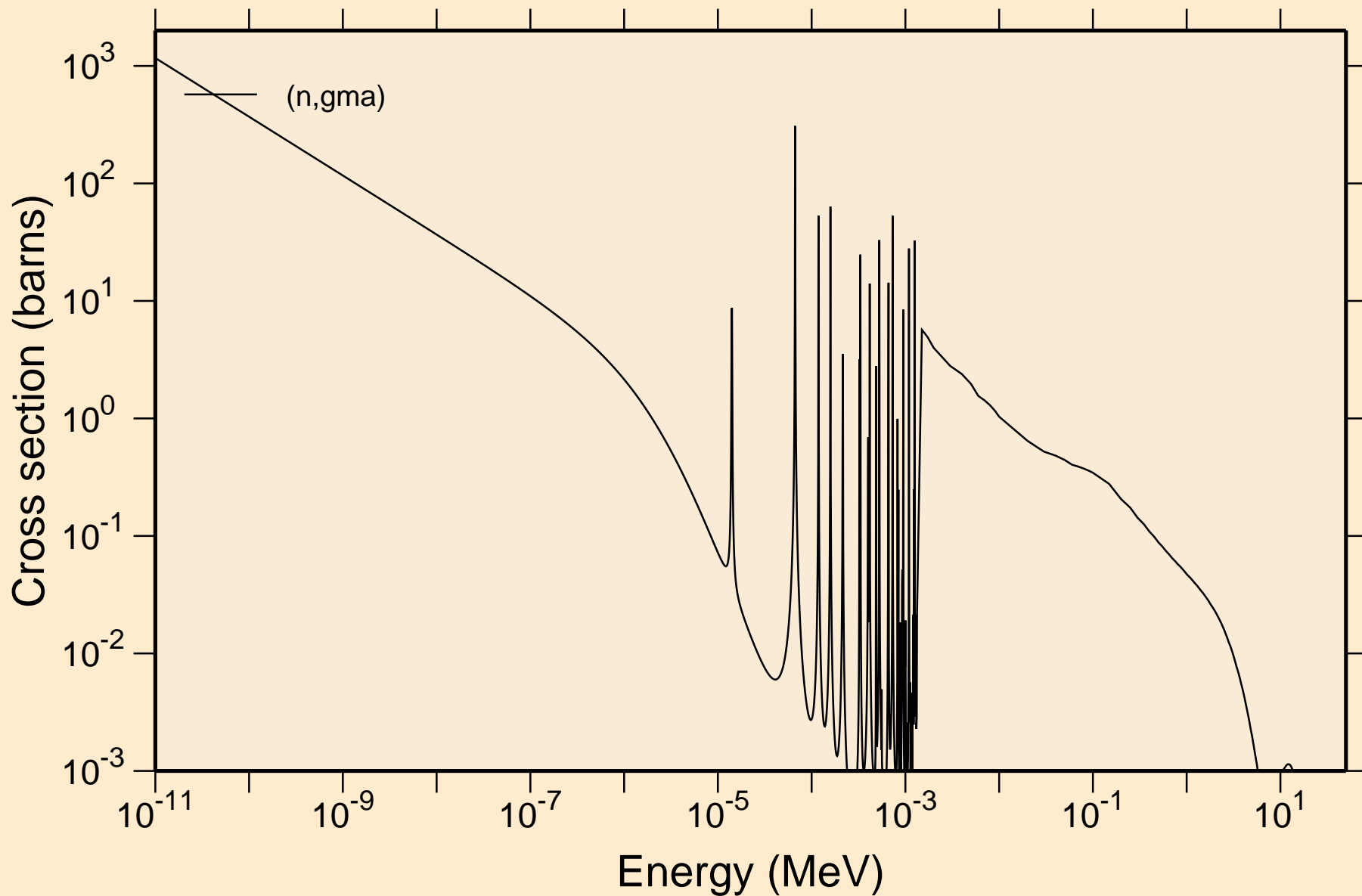
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

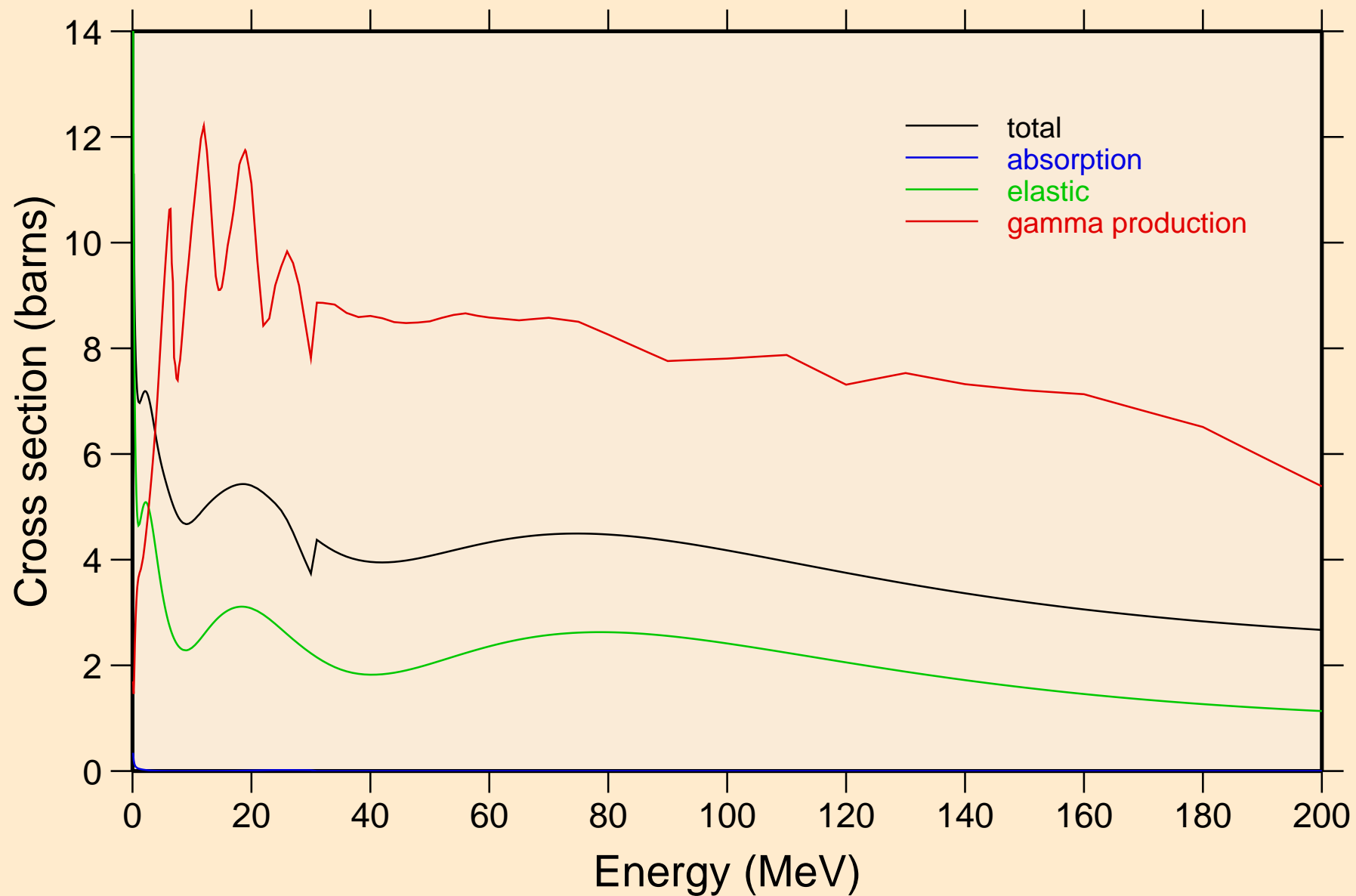


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

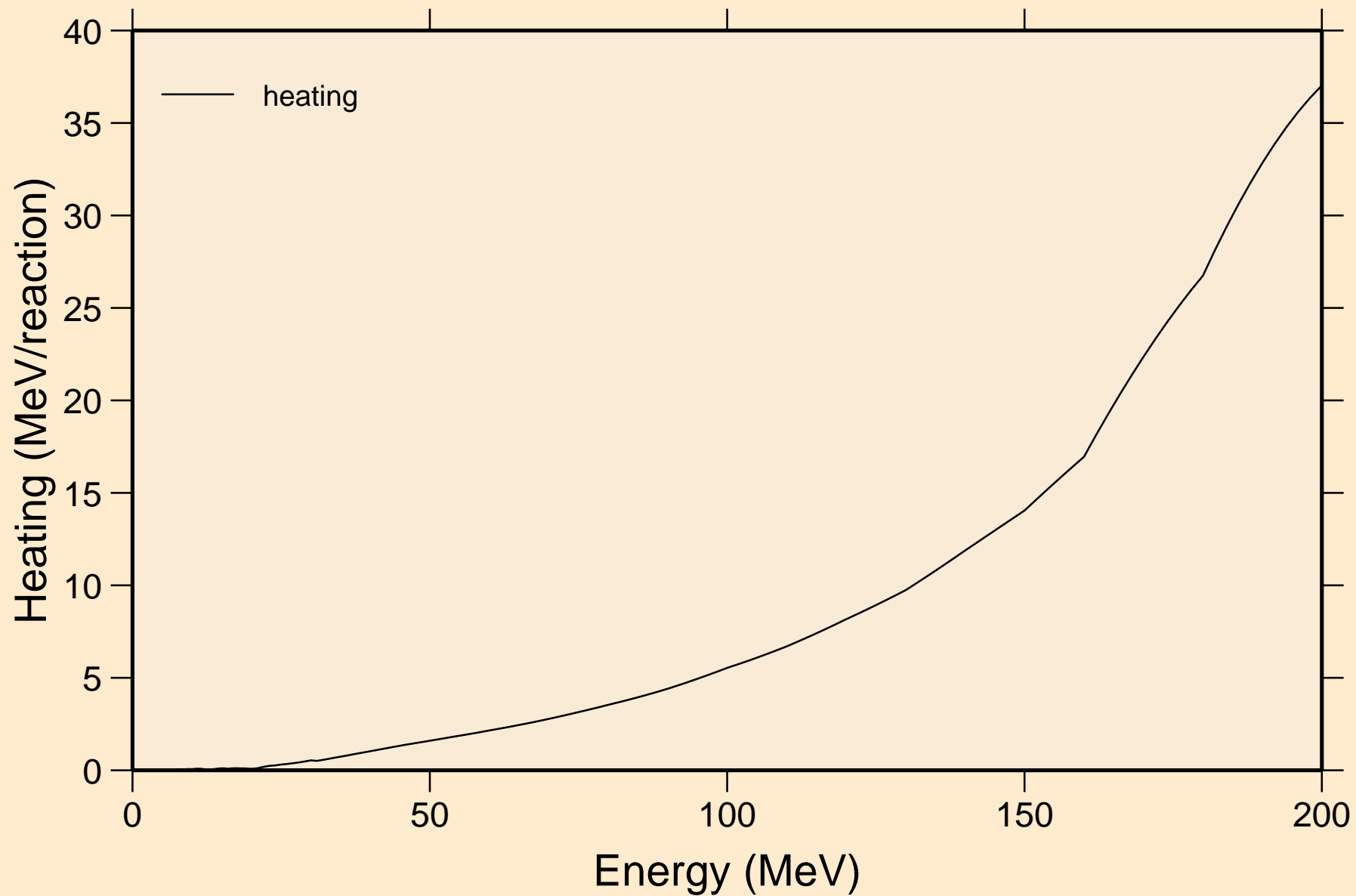


# TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

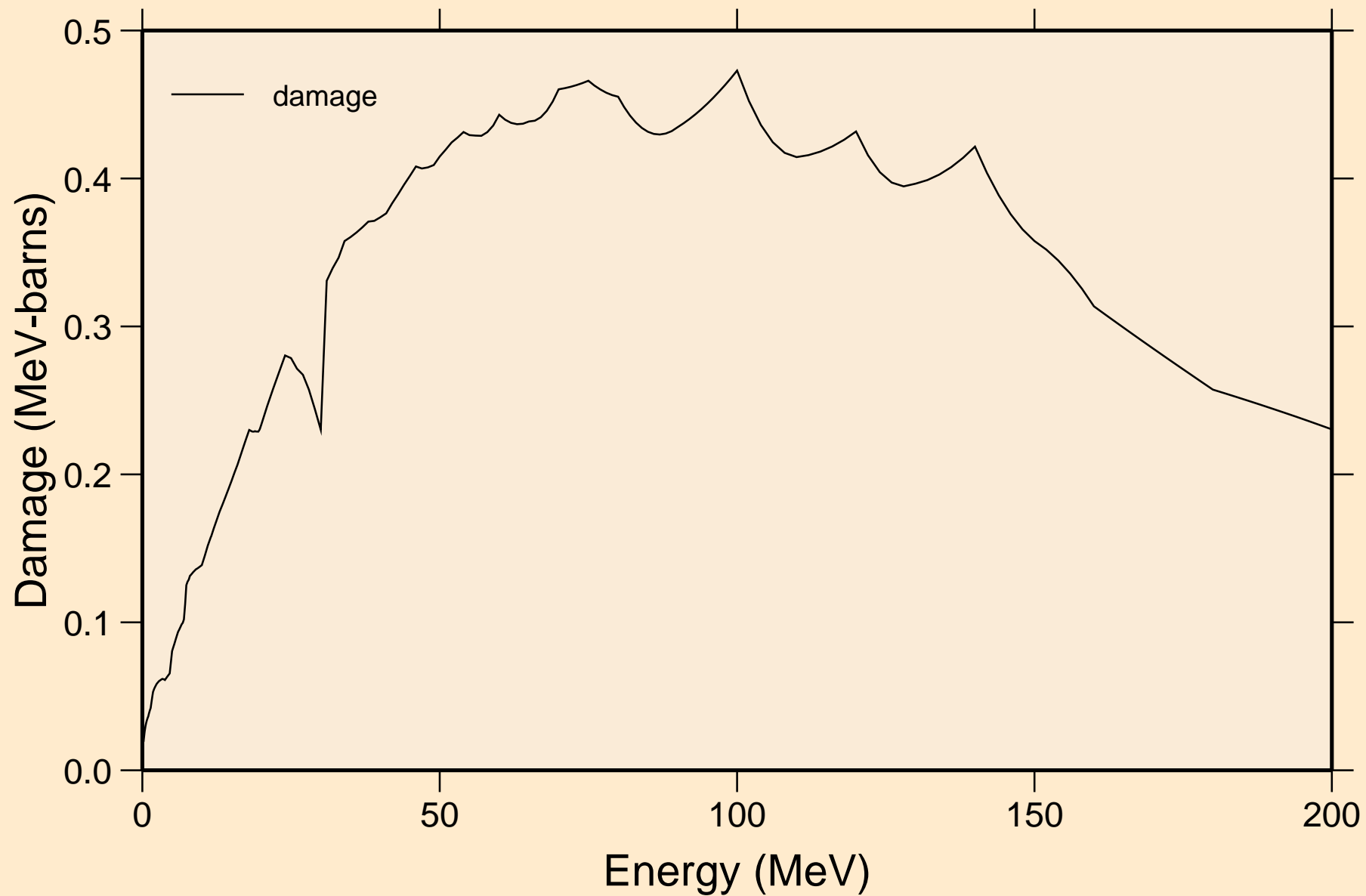
## Principal cross sections



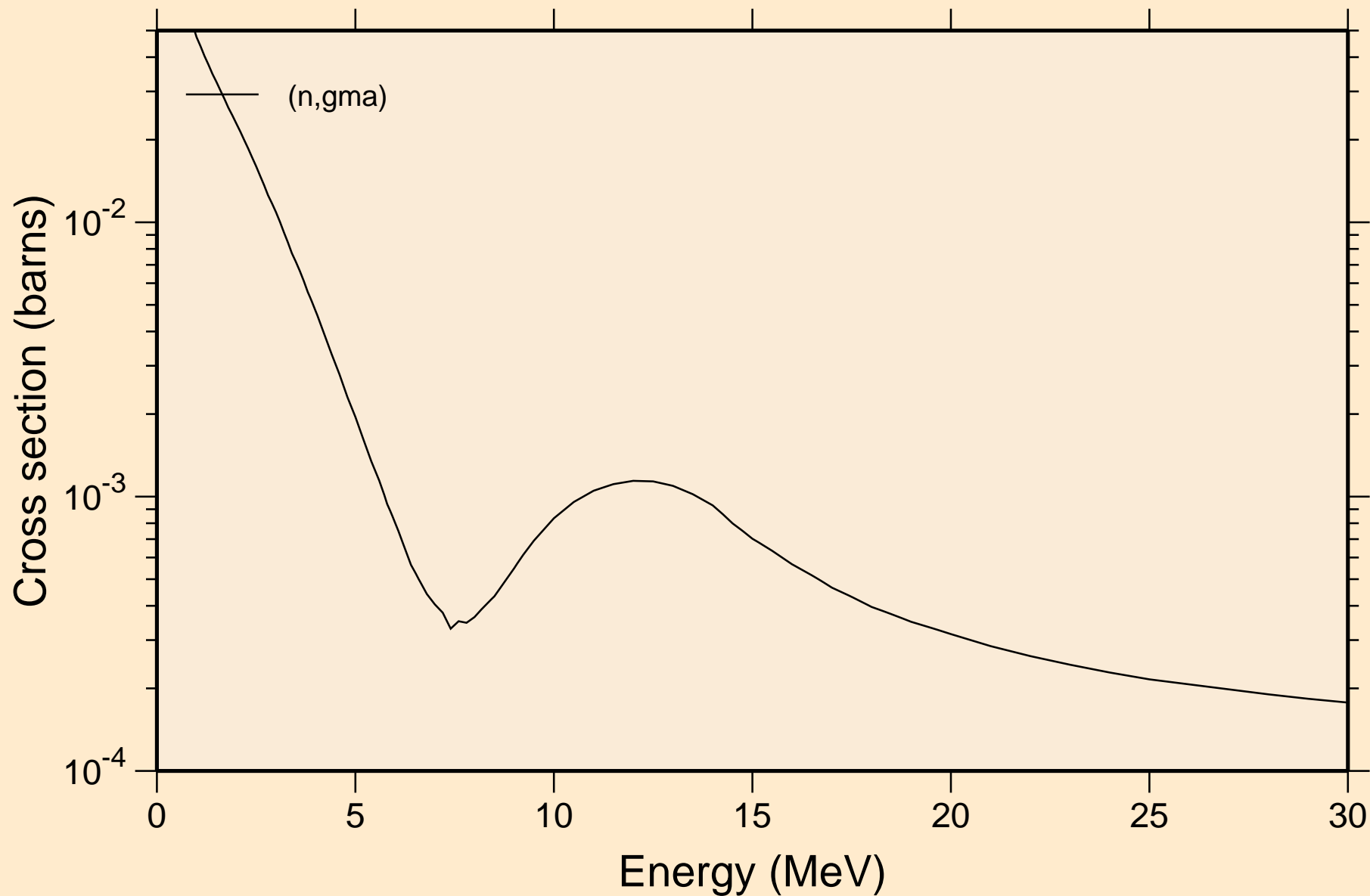
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

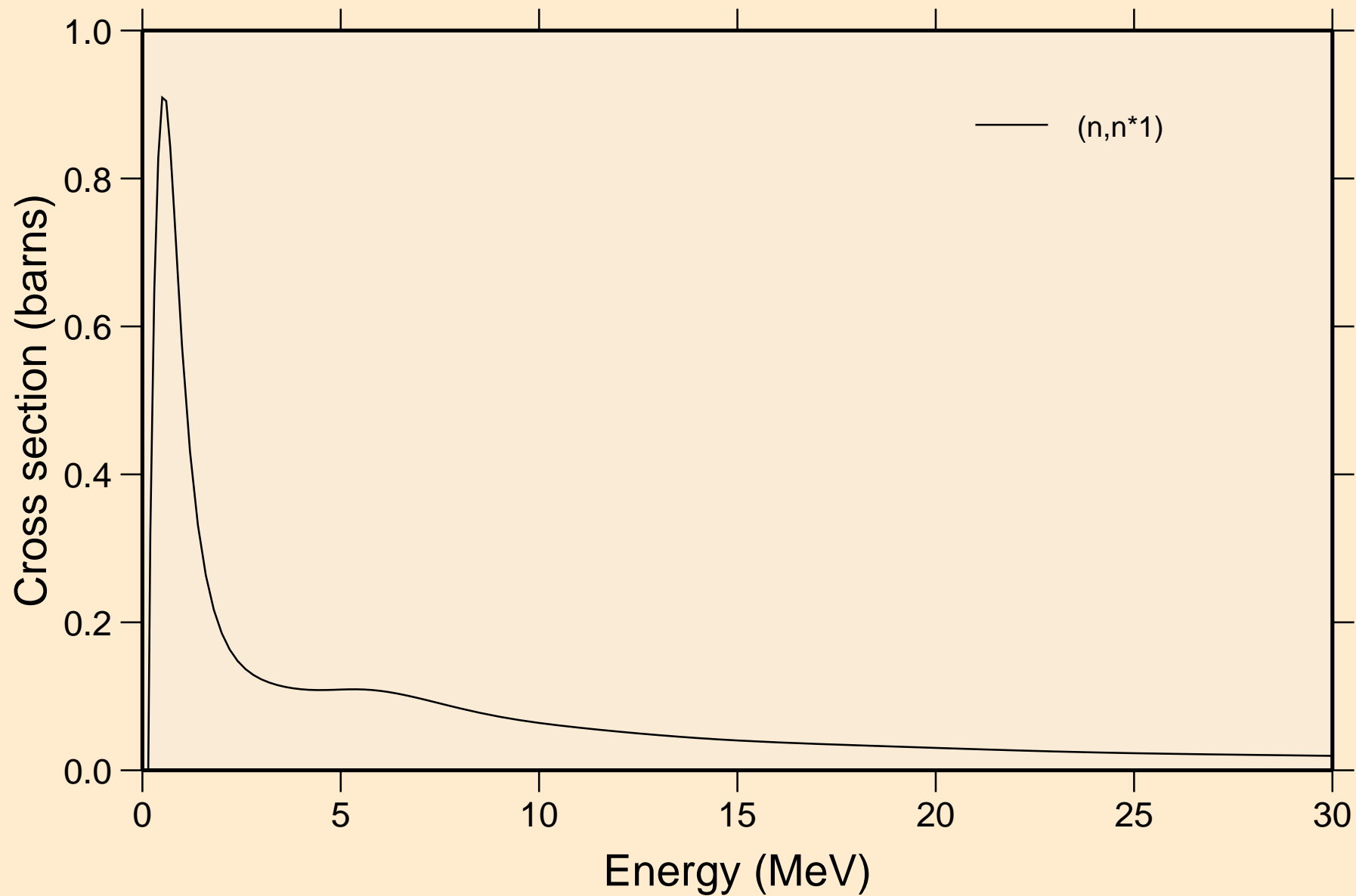


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

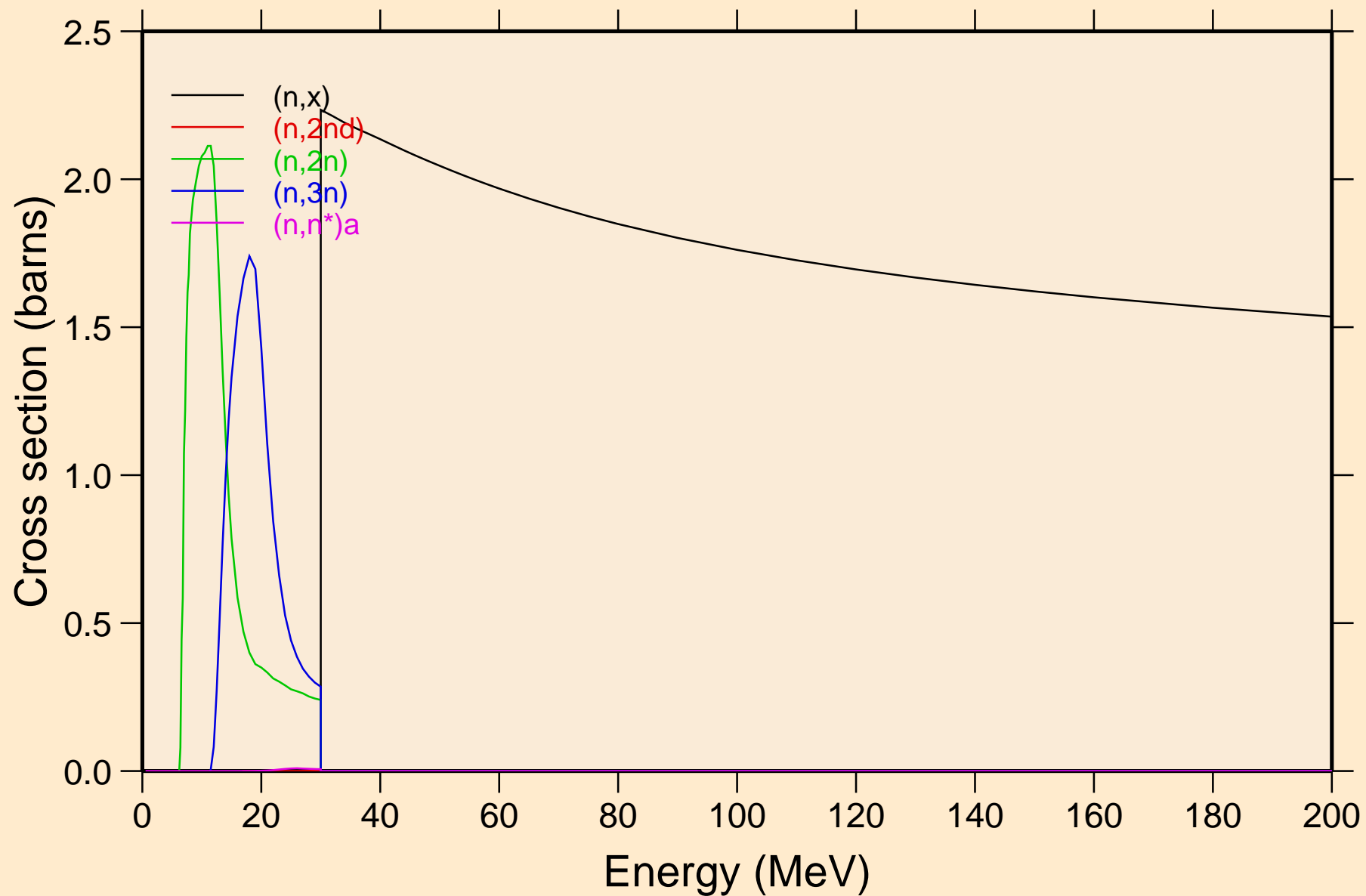




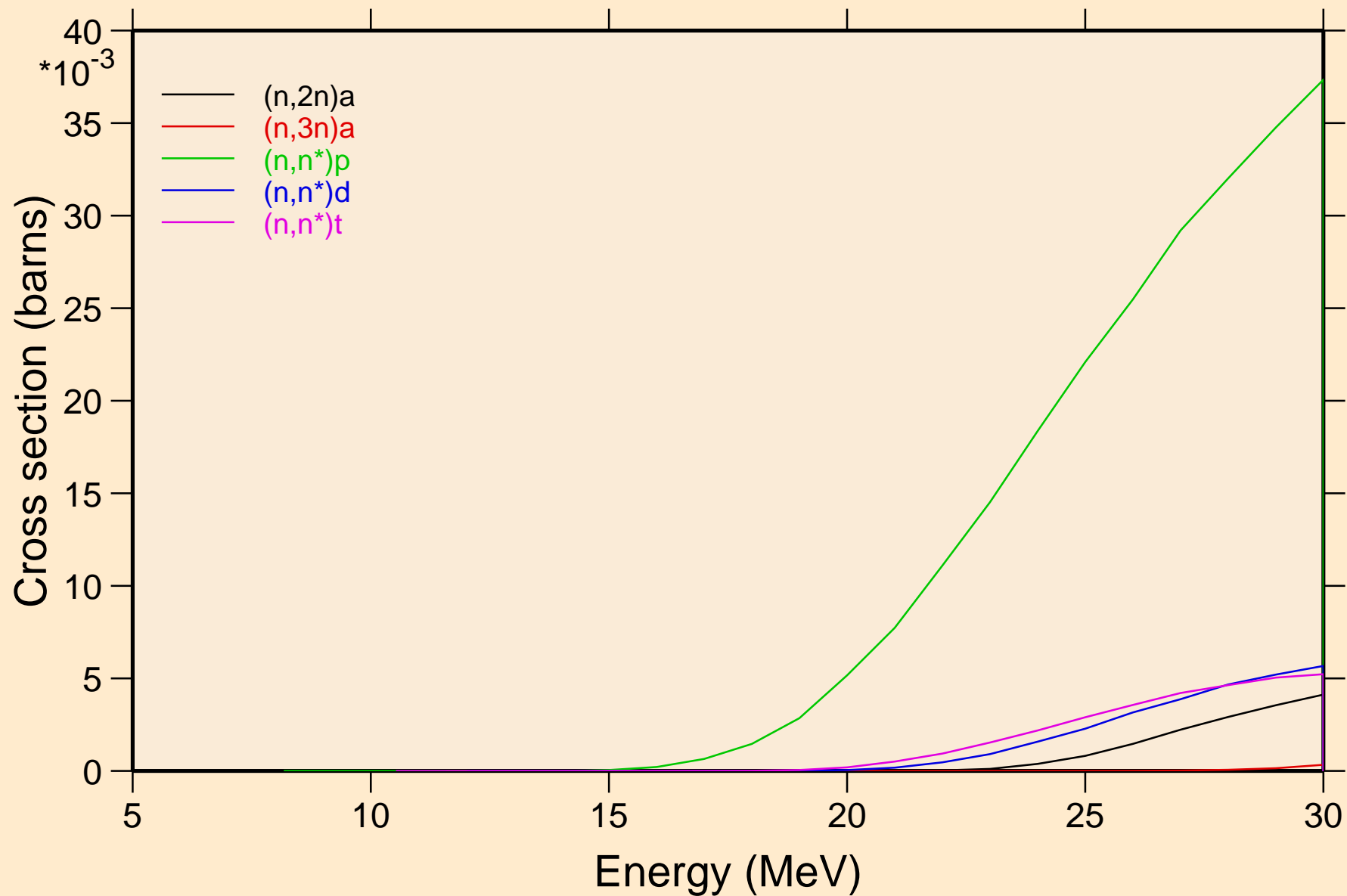
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Inelastic levels



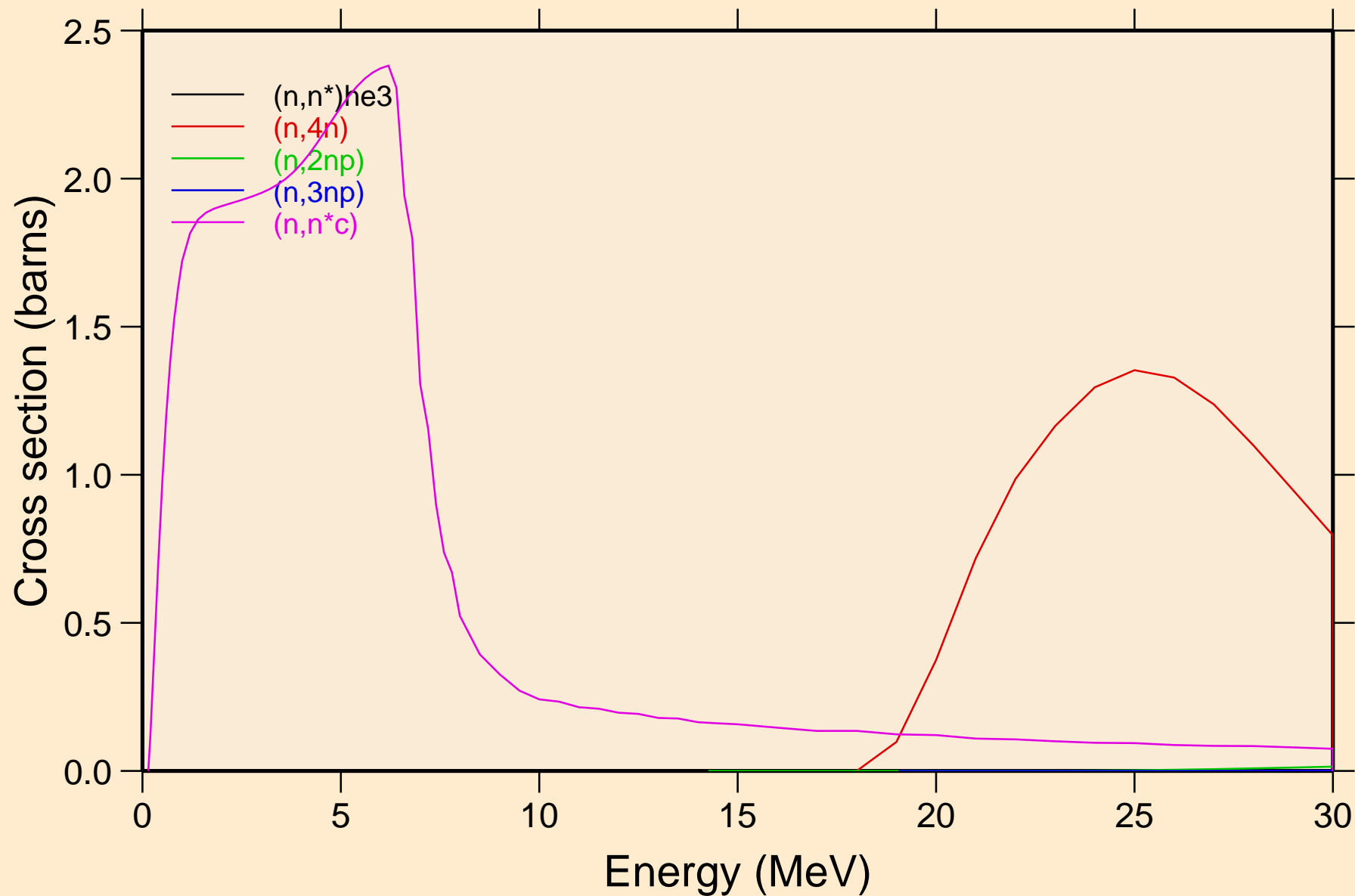
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



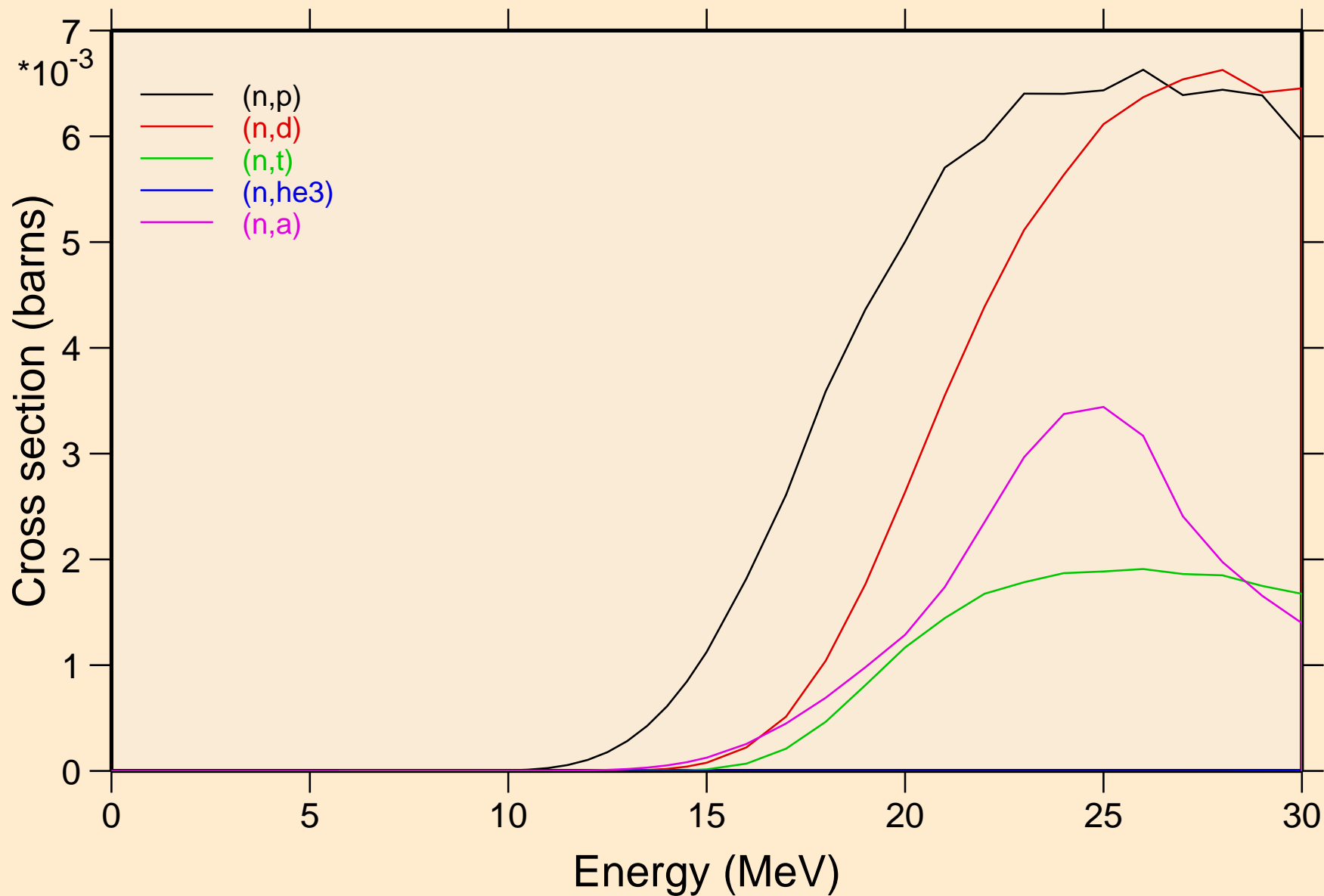
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



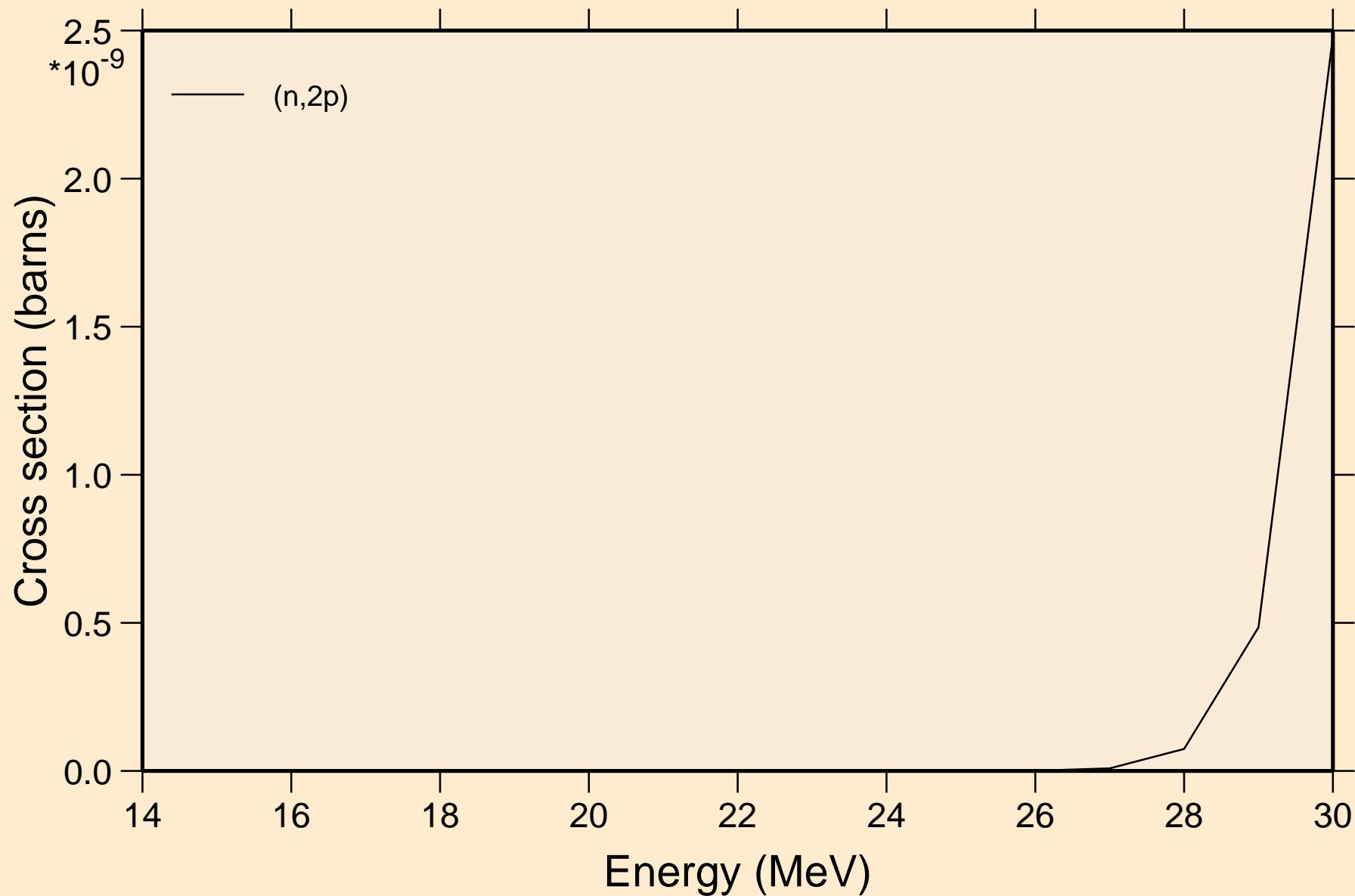
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



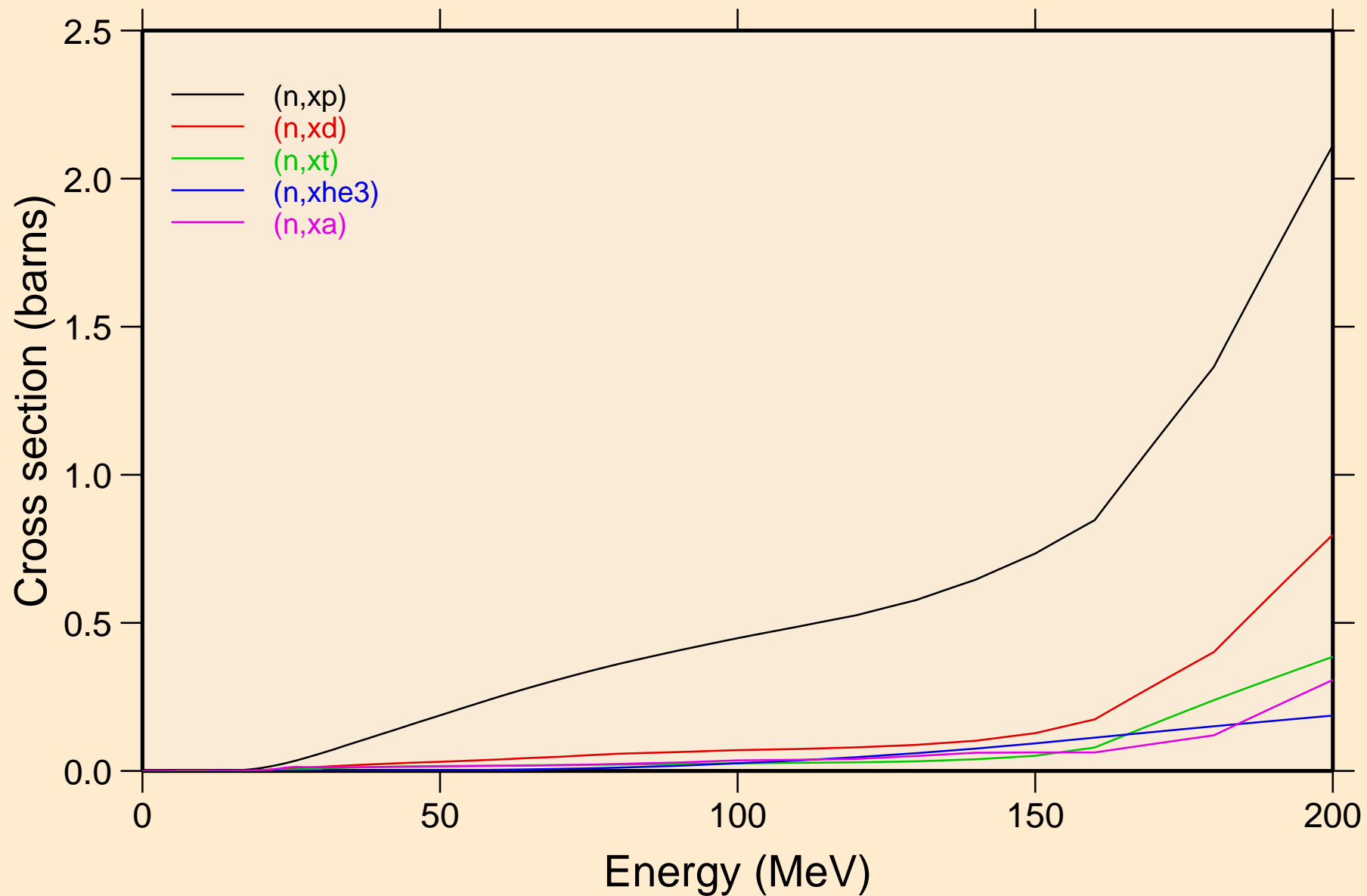
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



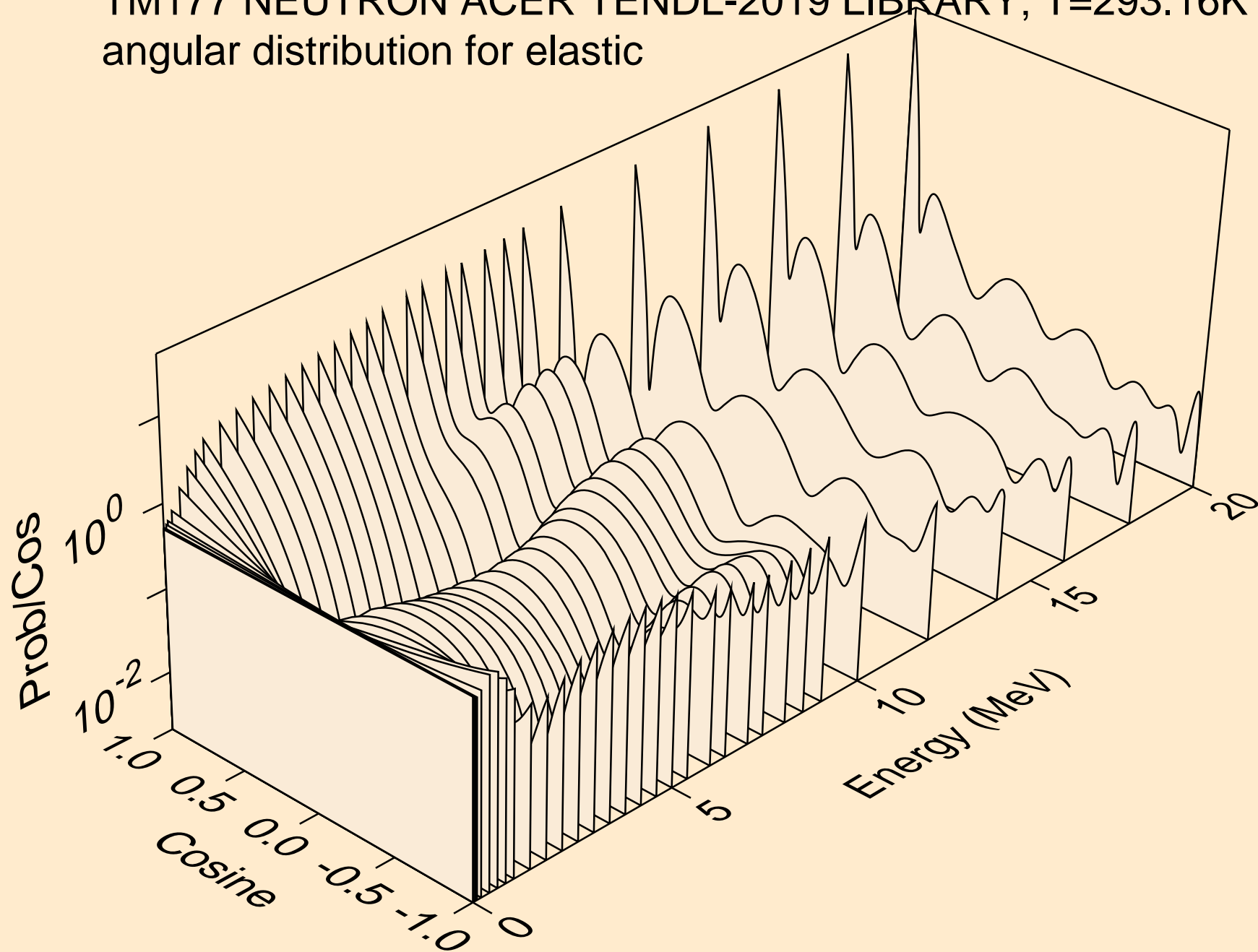
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

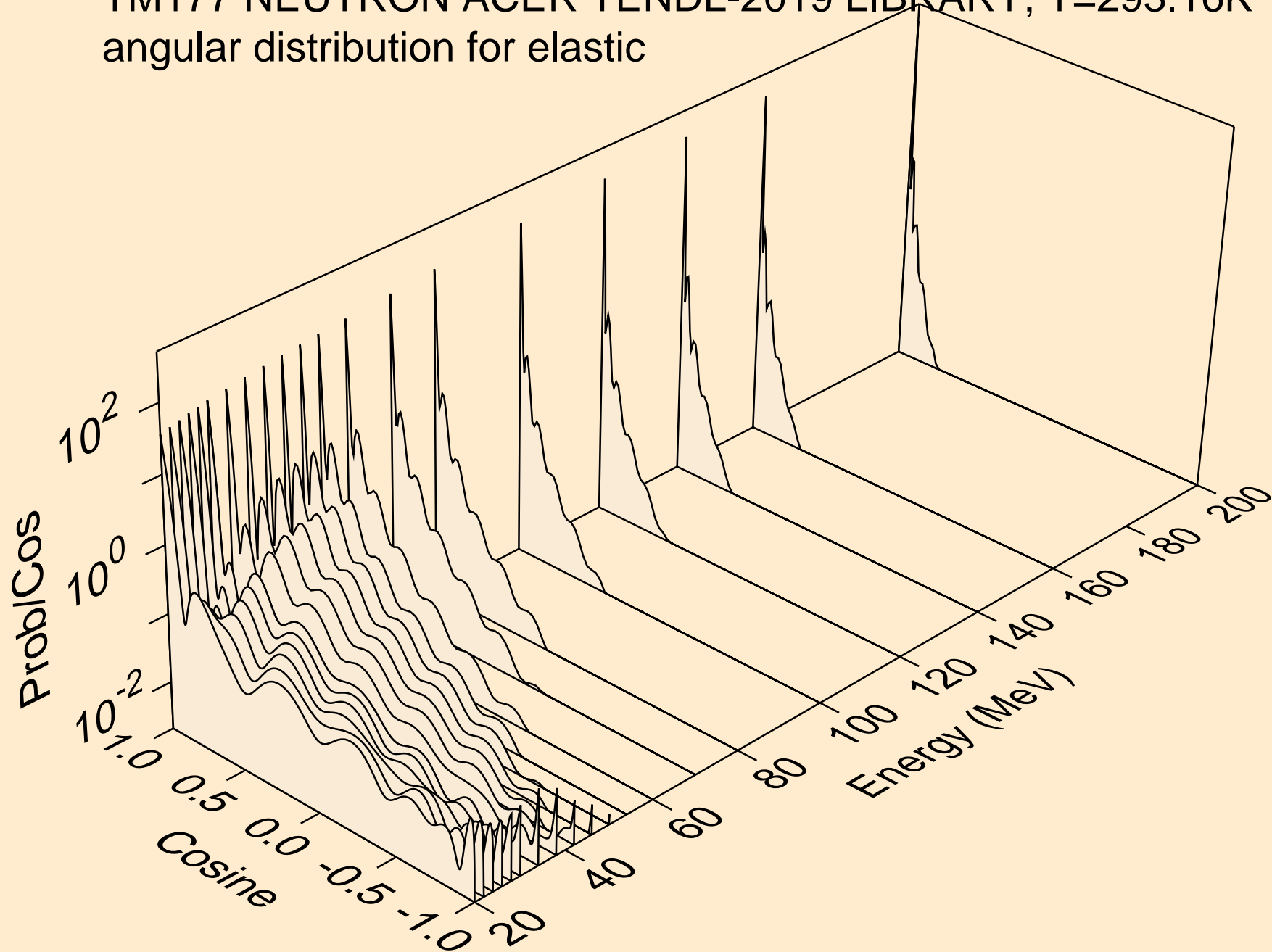


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

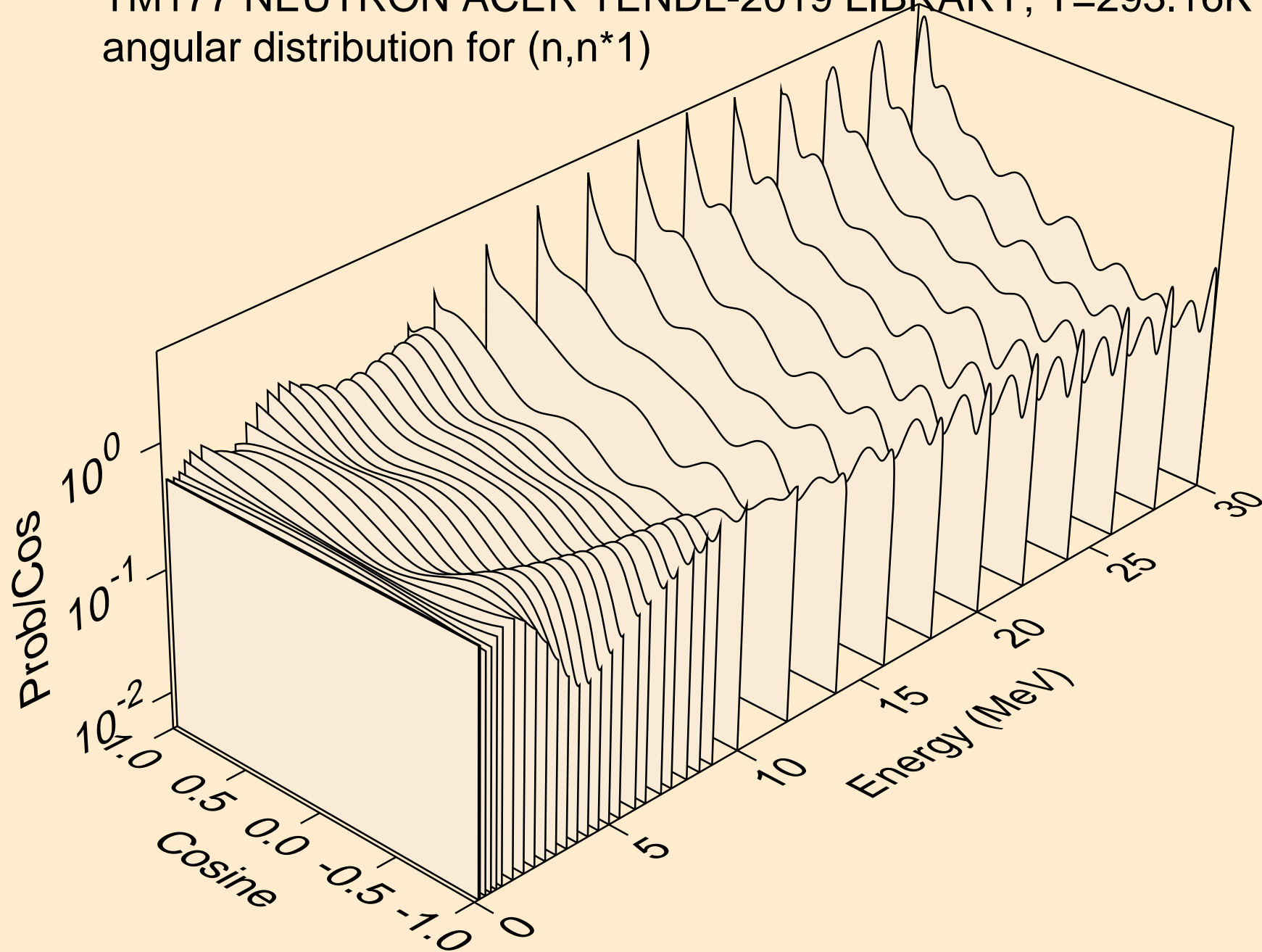




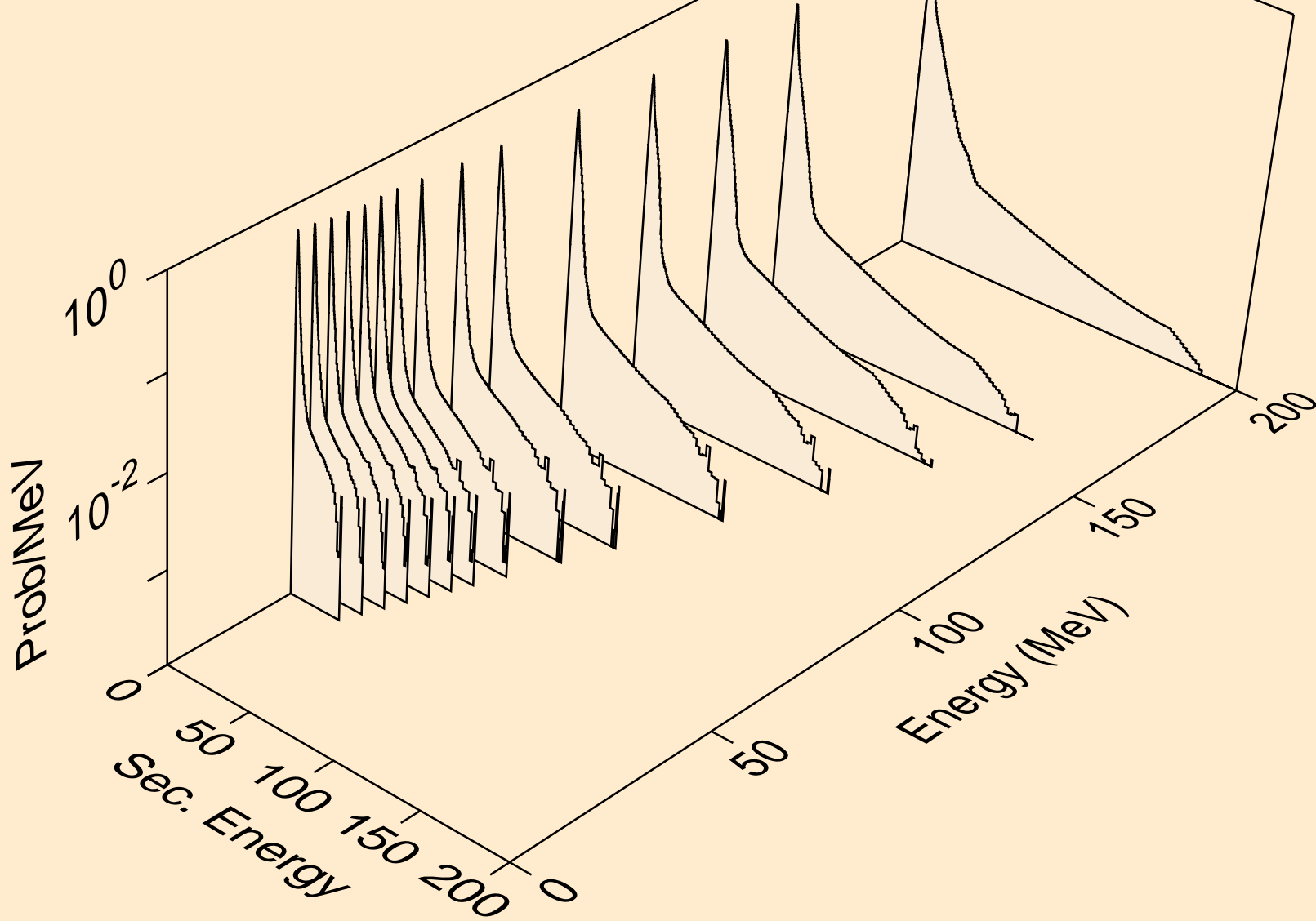
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



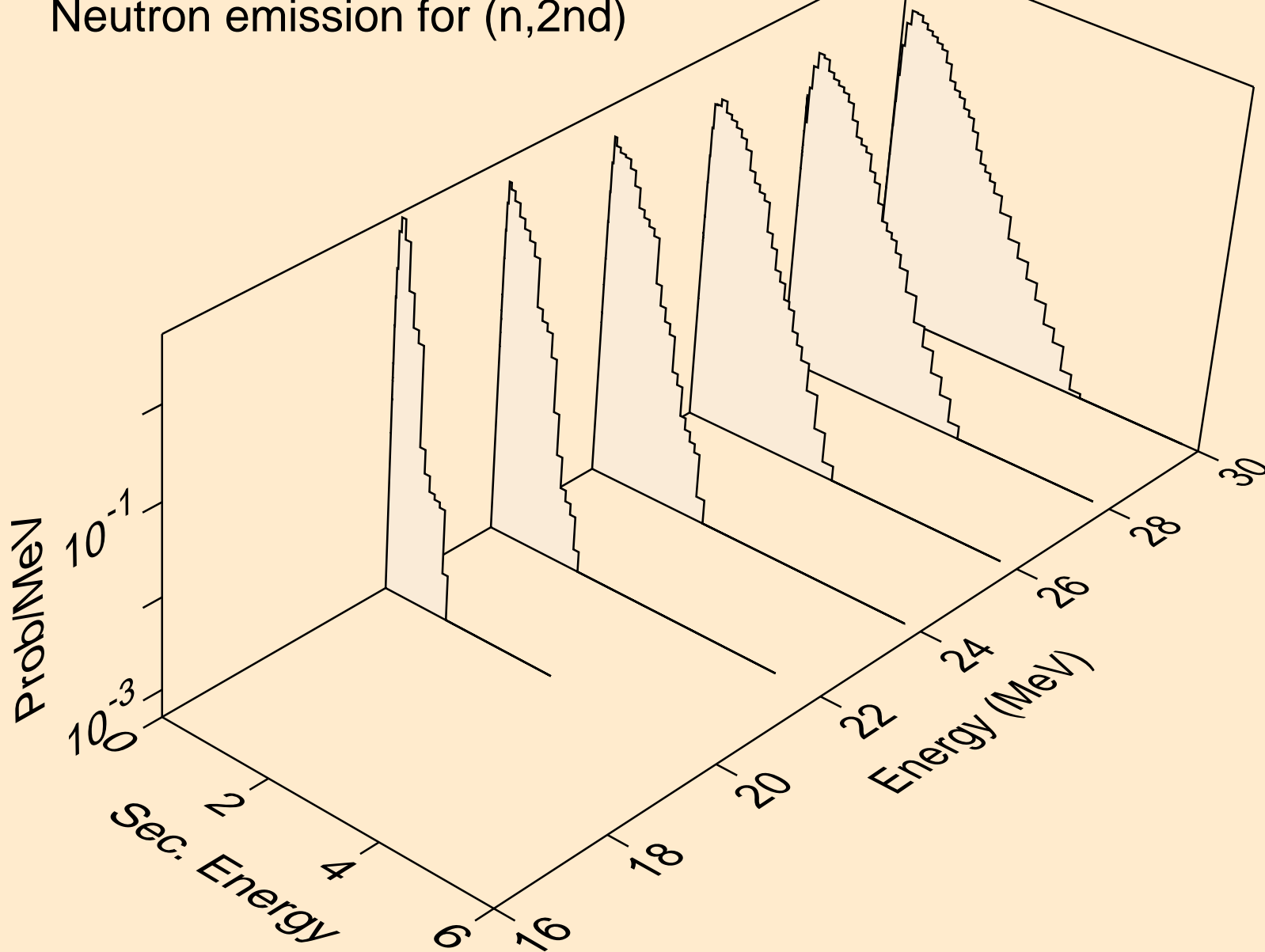
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



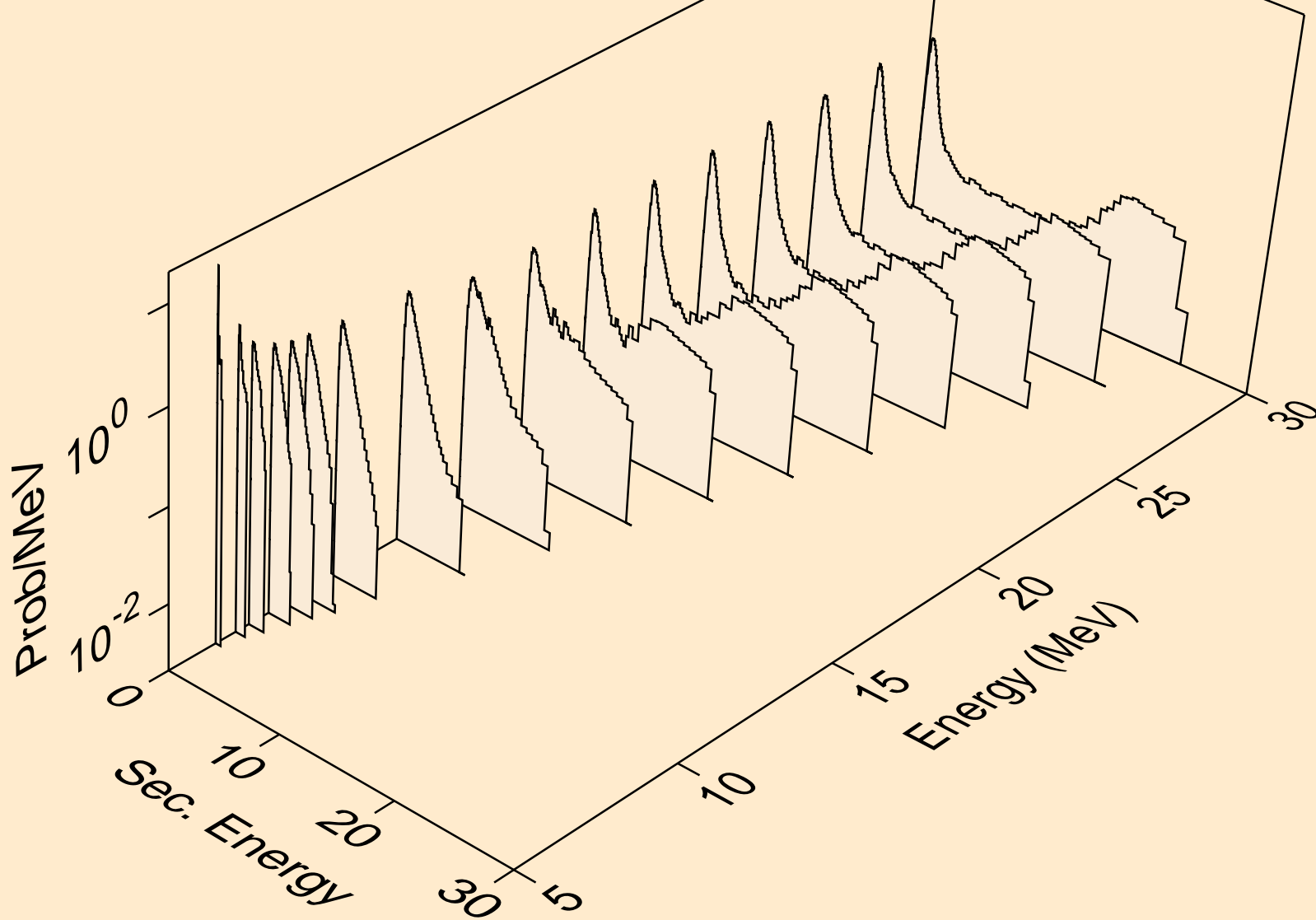
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



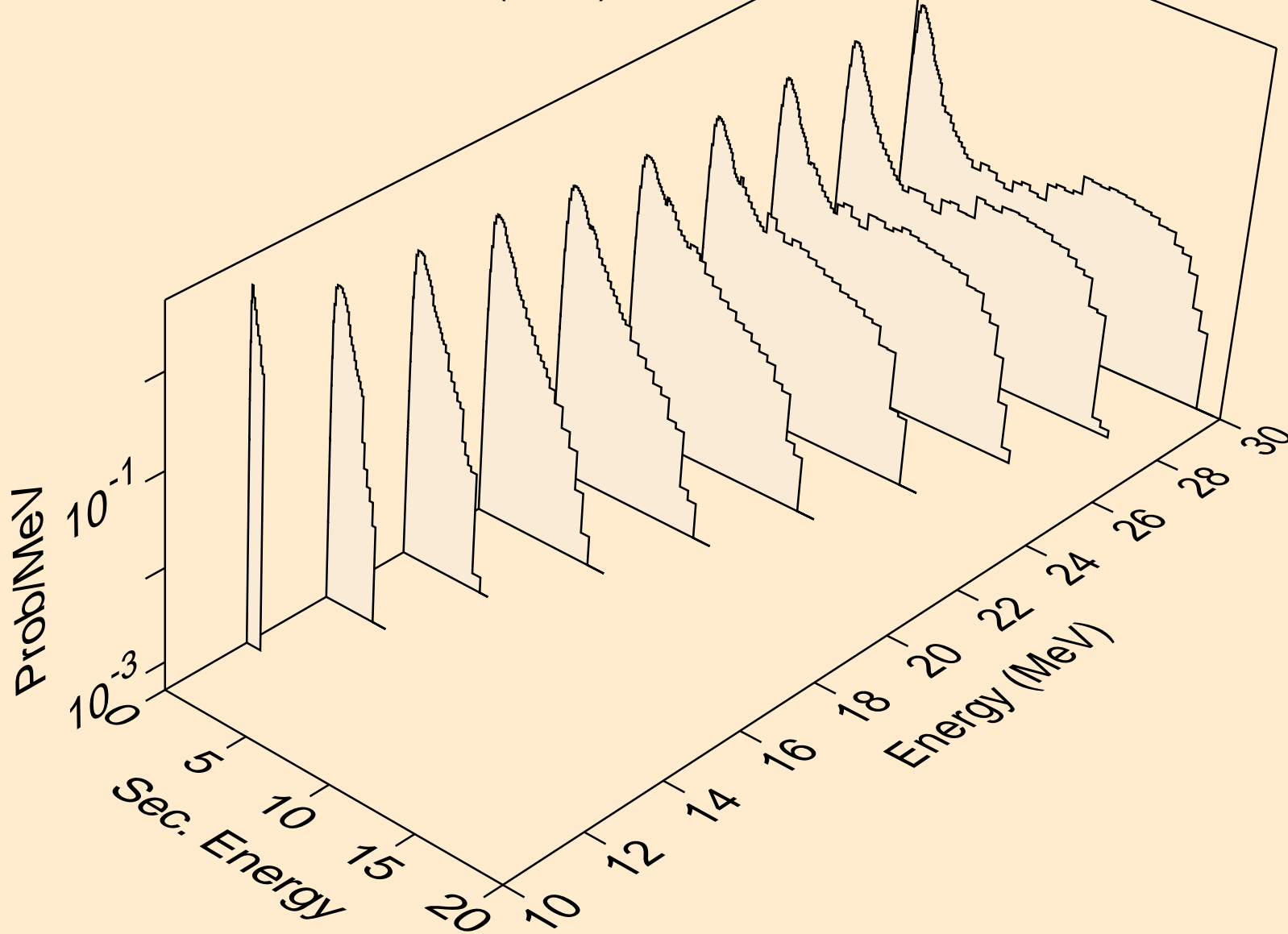
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



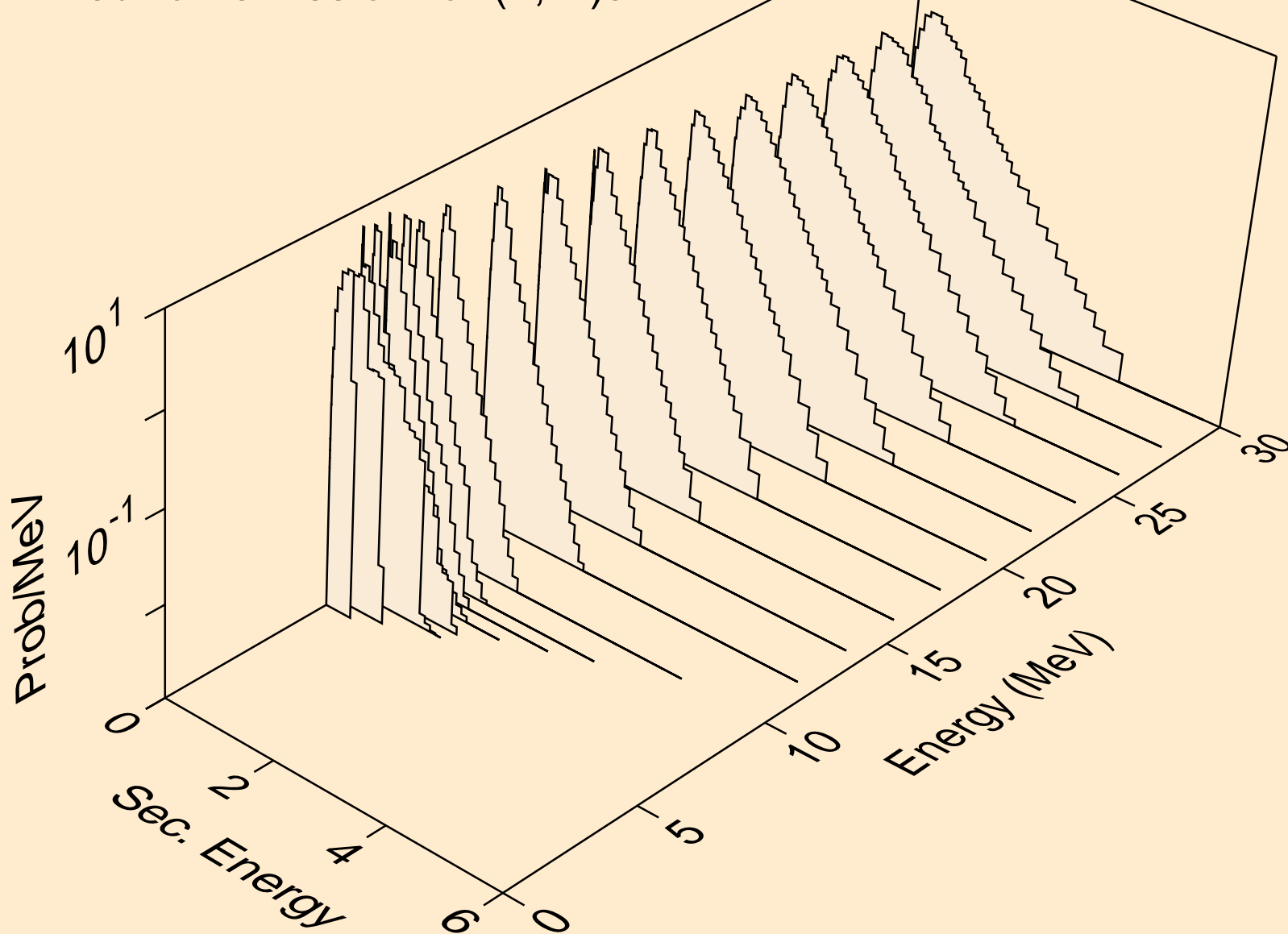
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



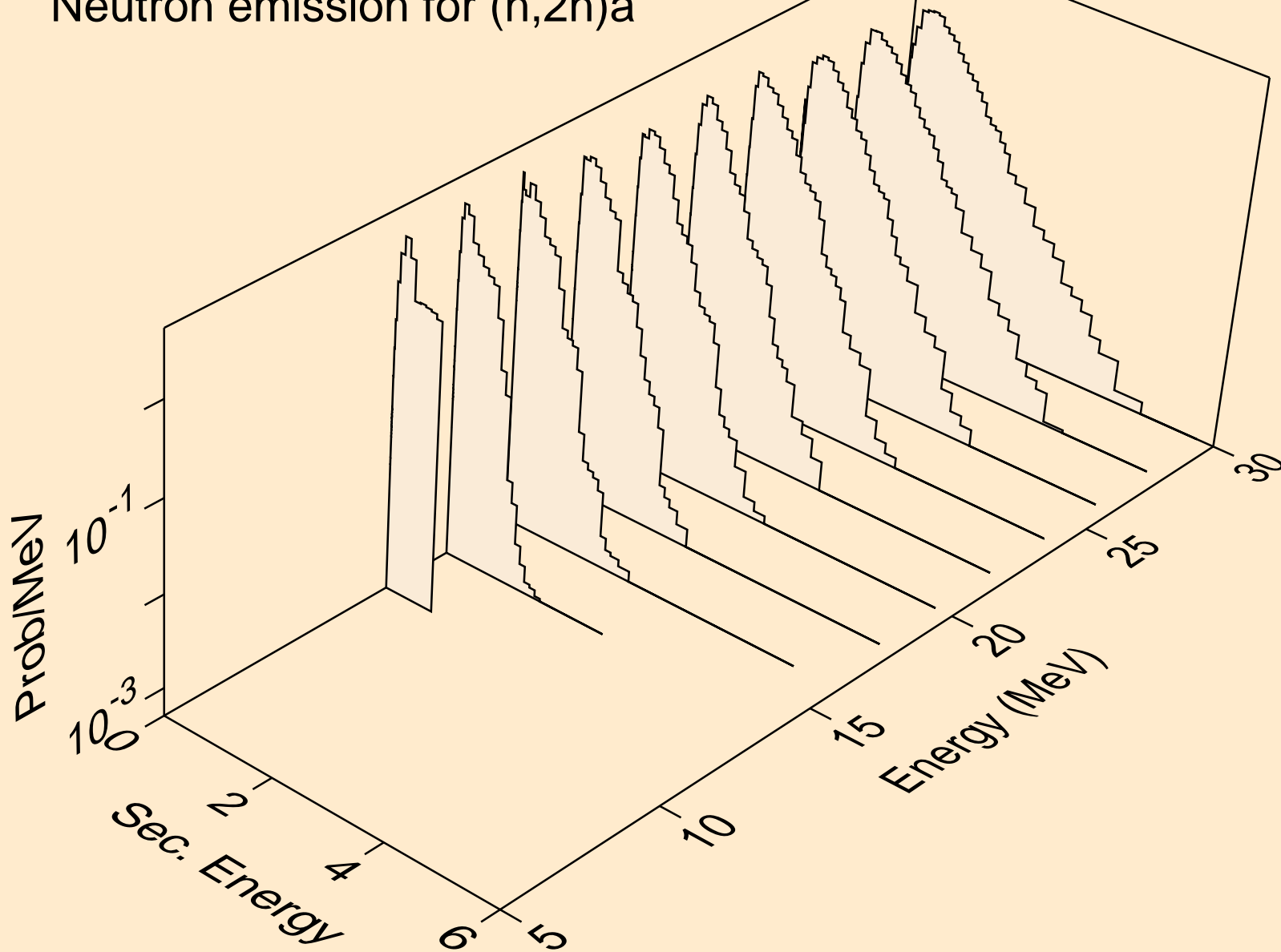
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

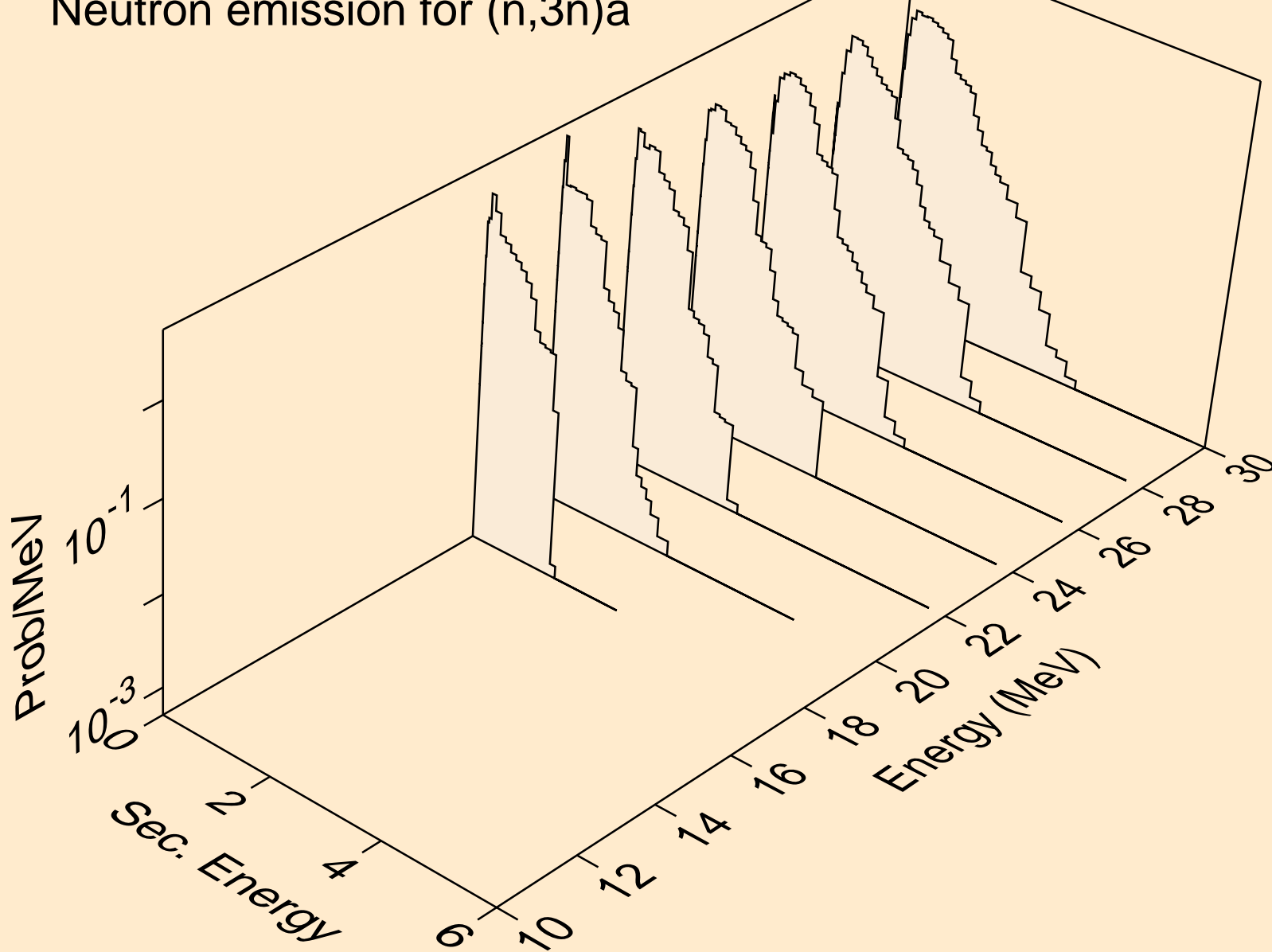


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

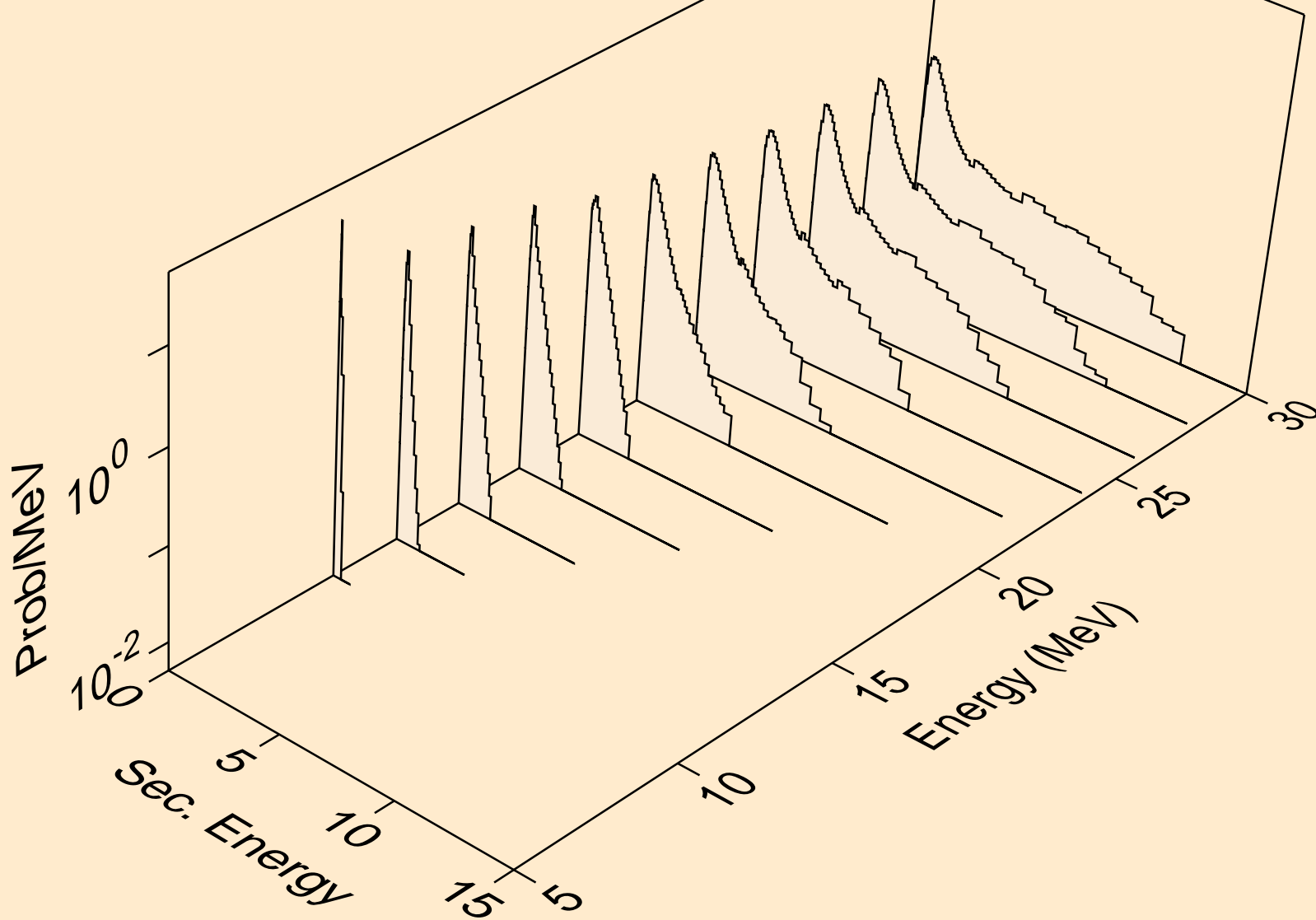




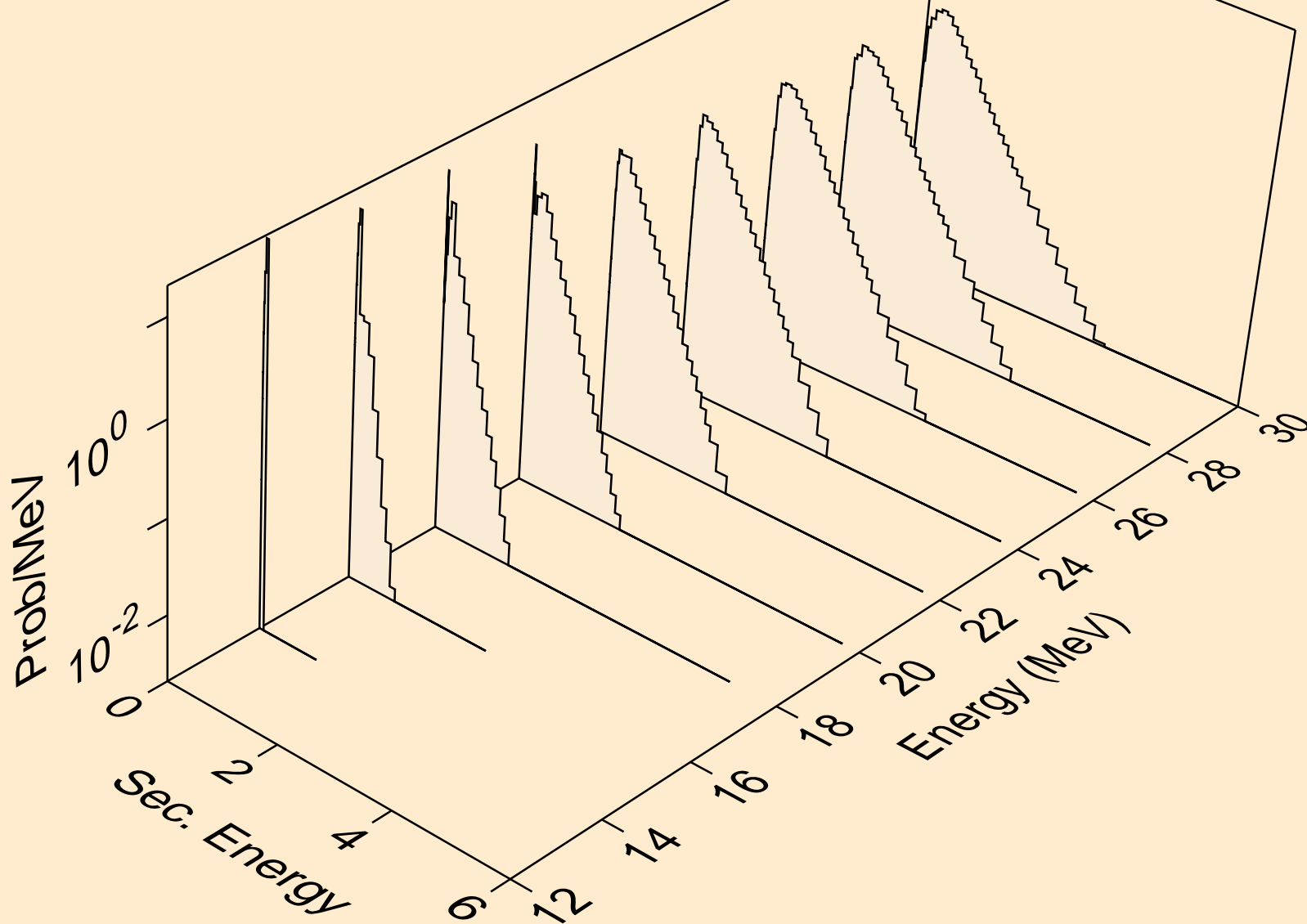
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



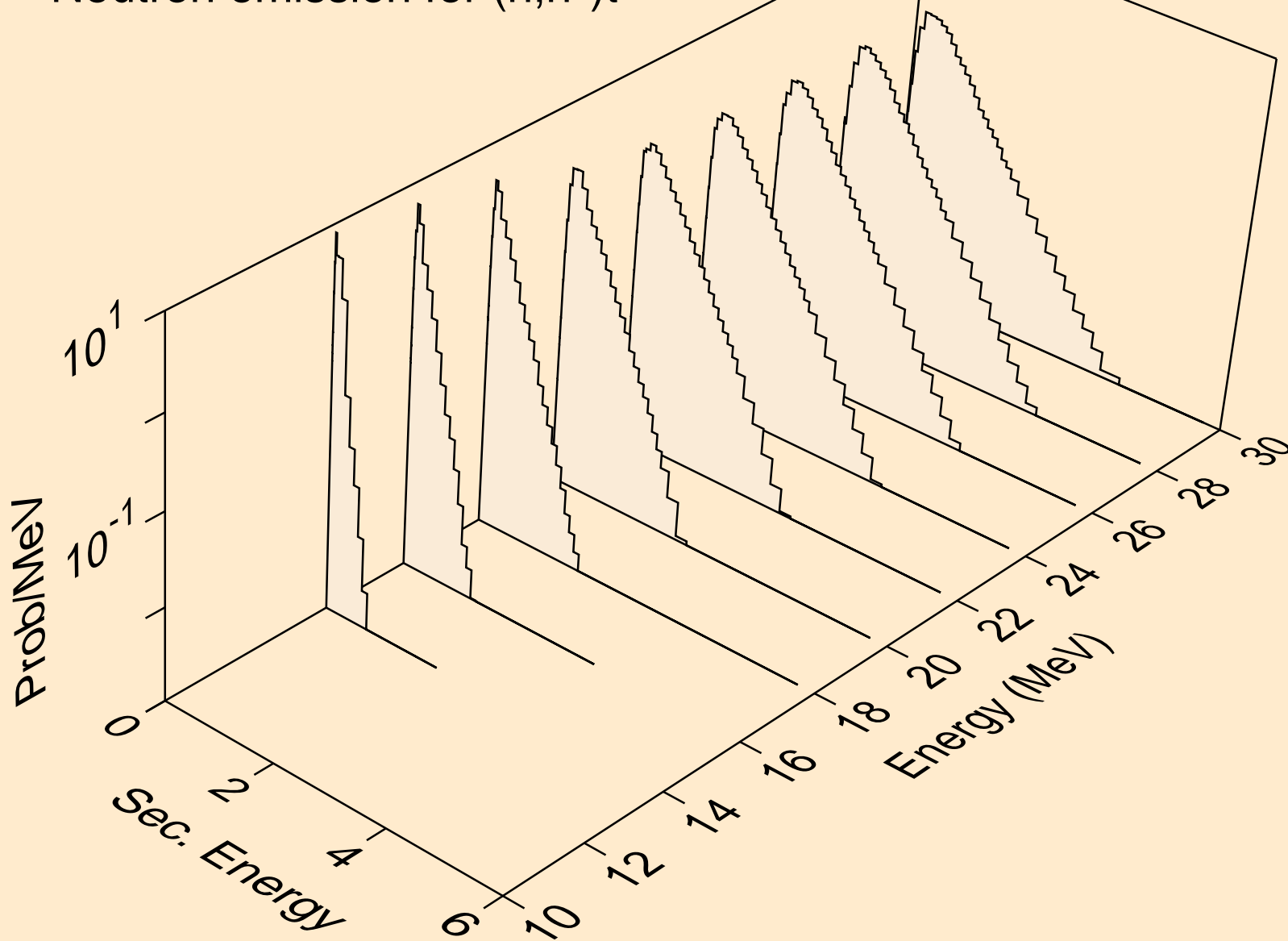
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



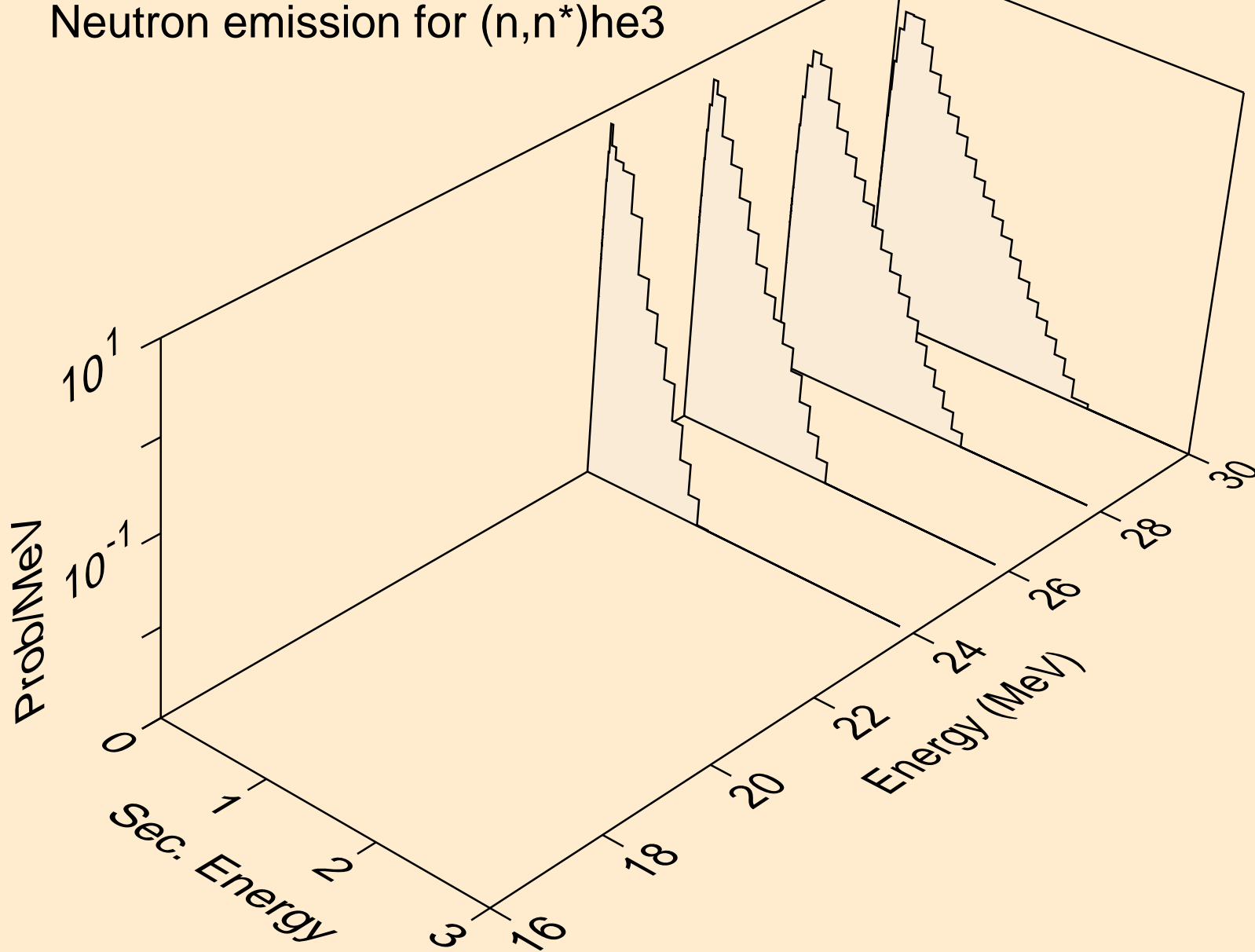
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



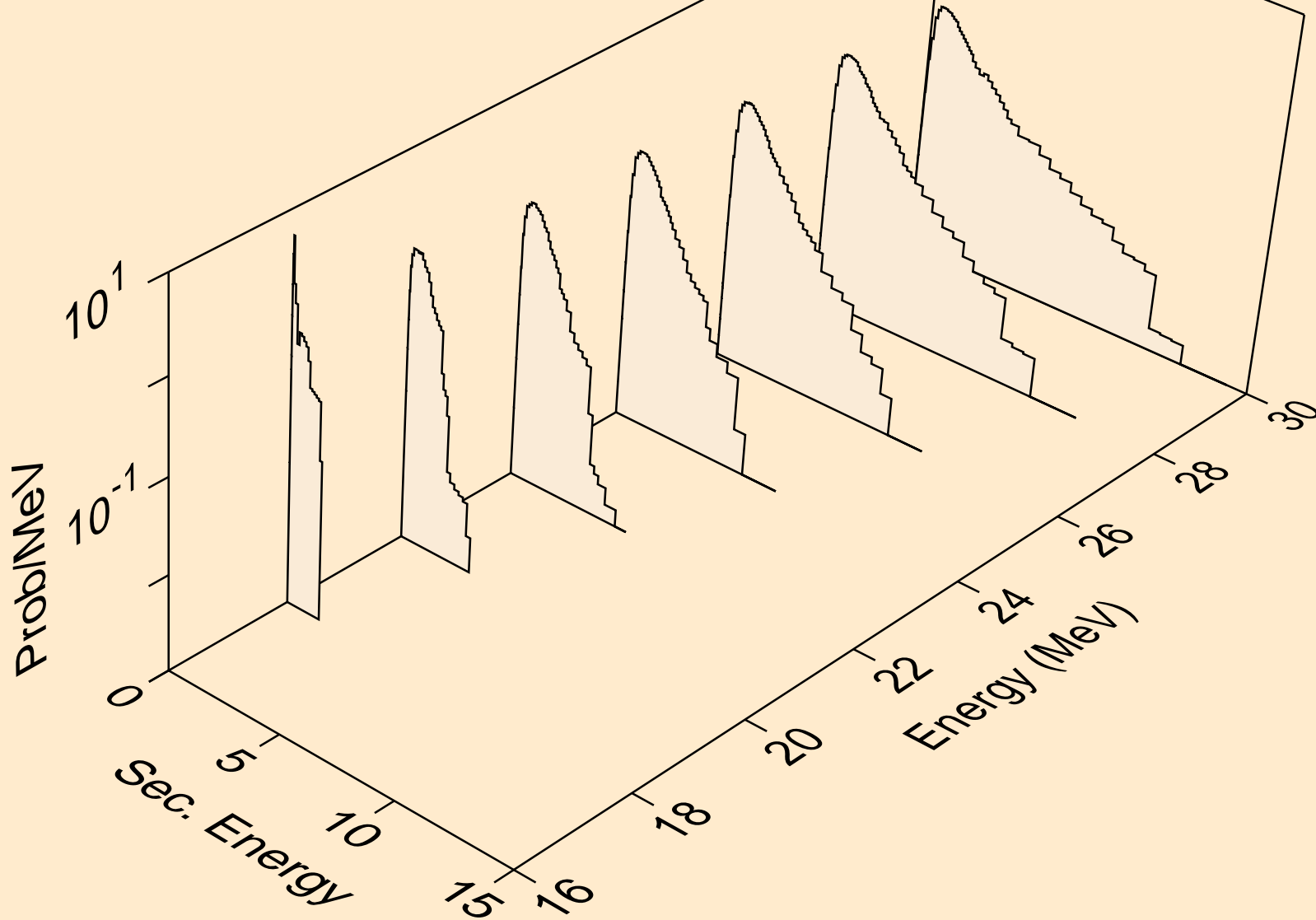
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



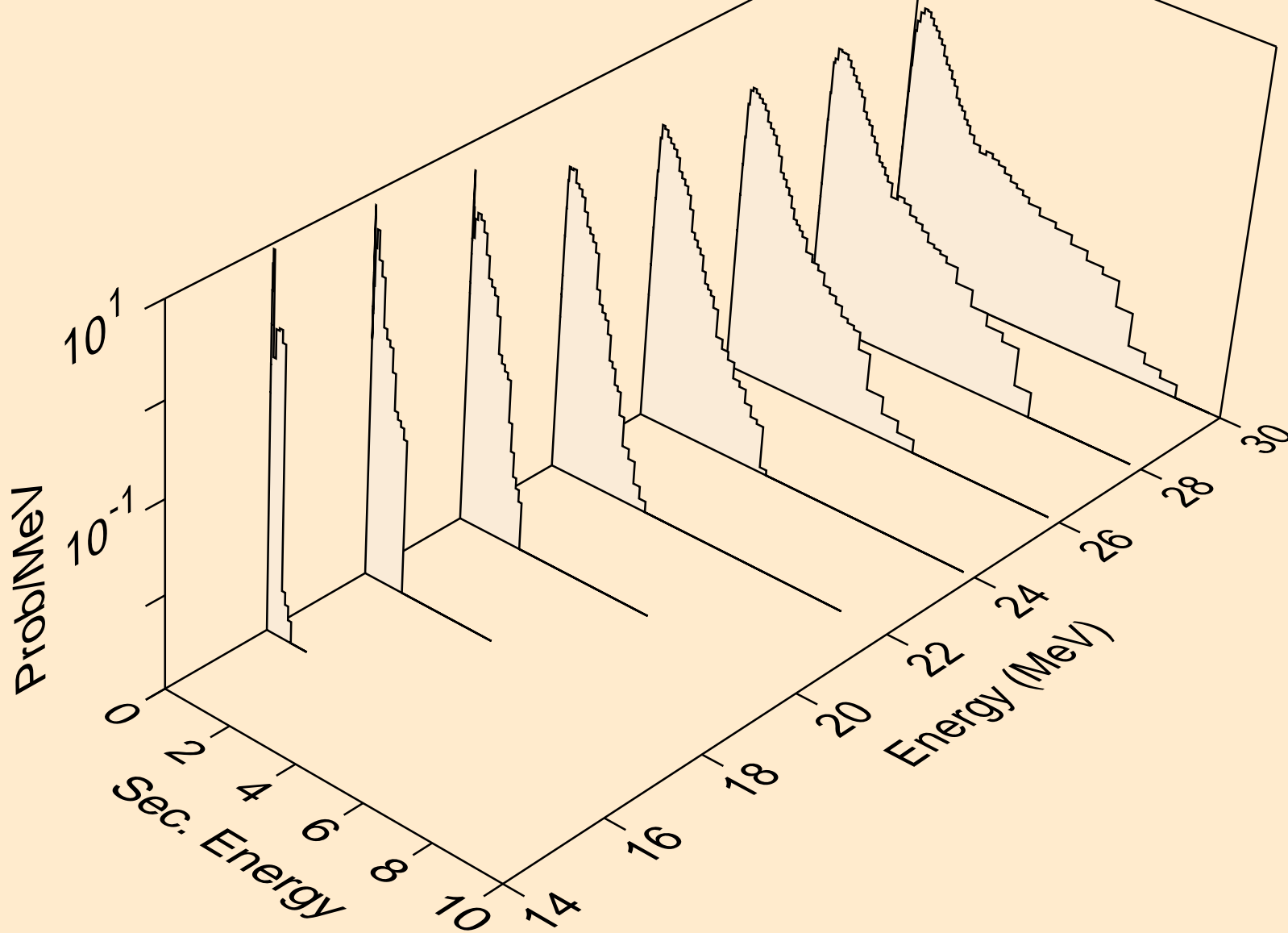
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



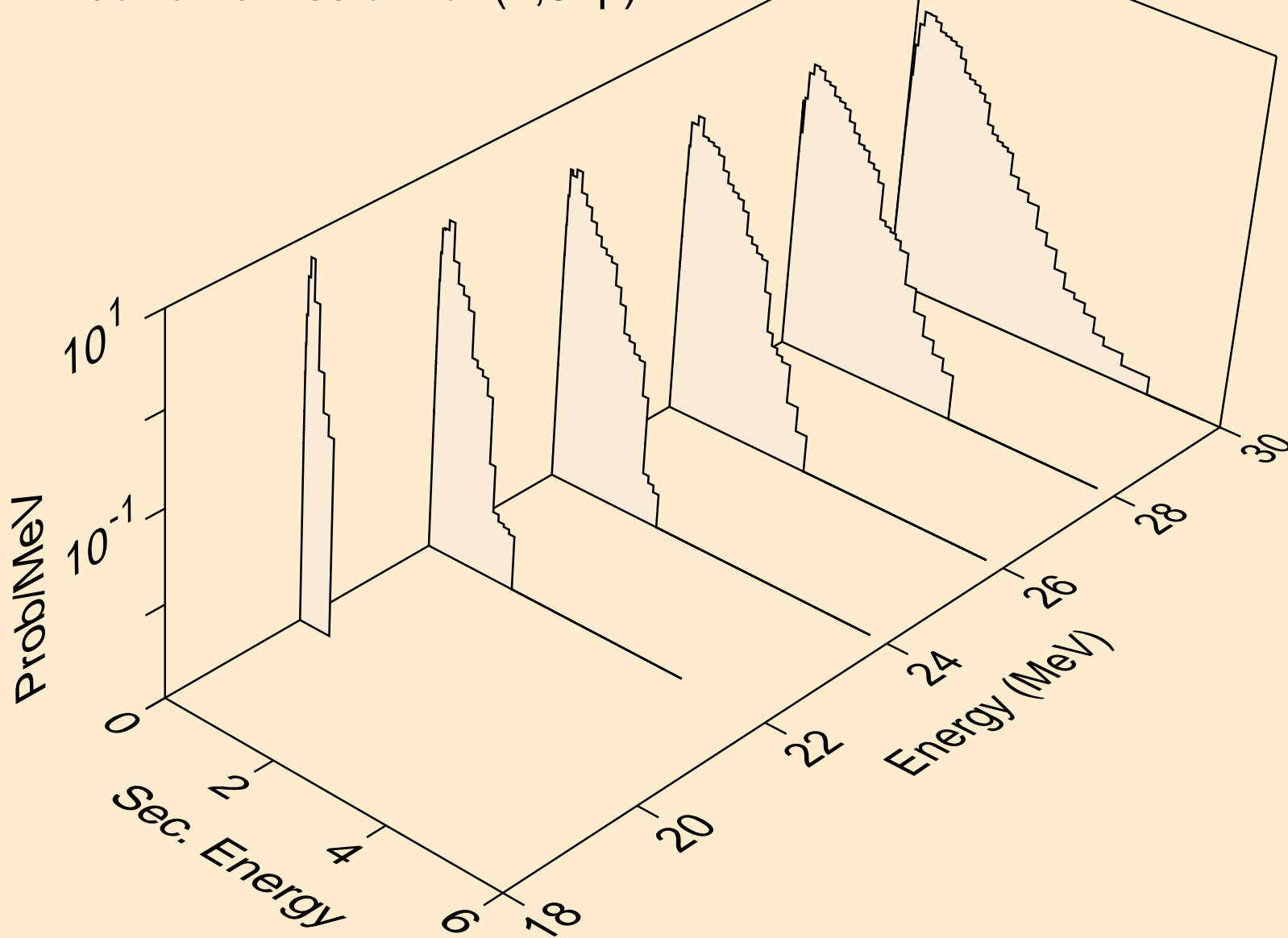
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

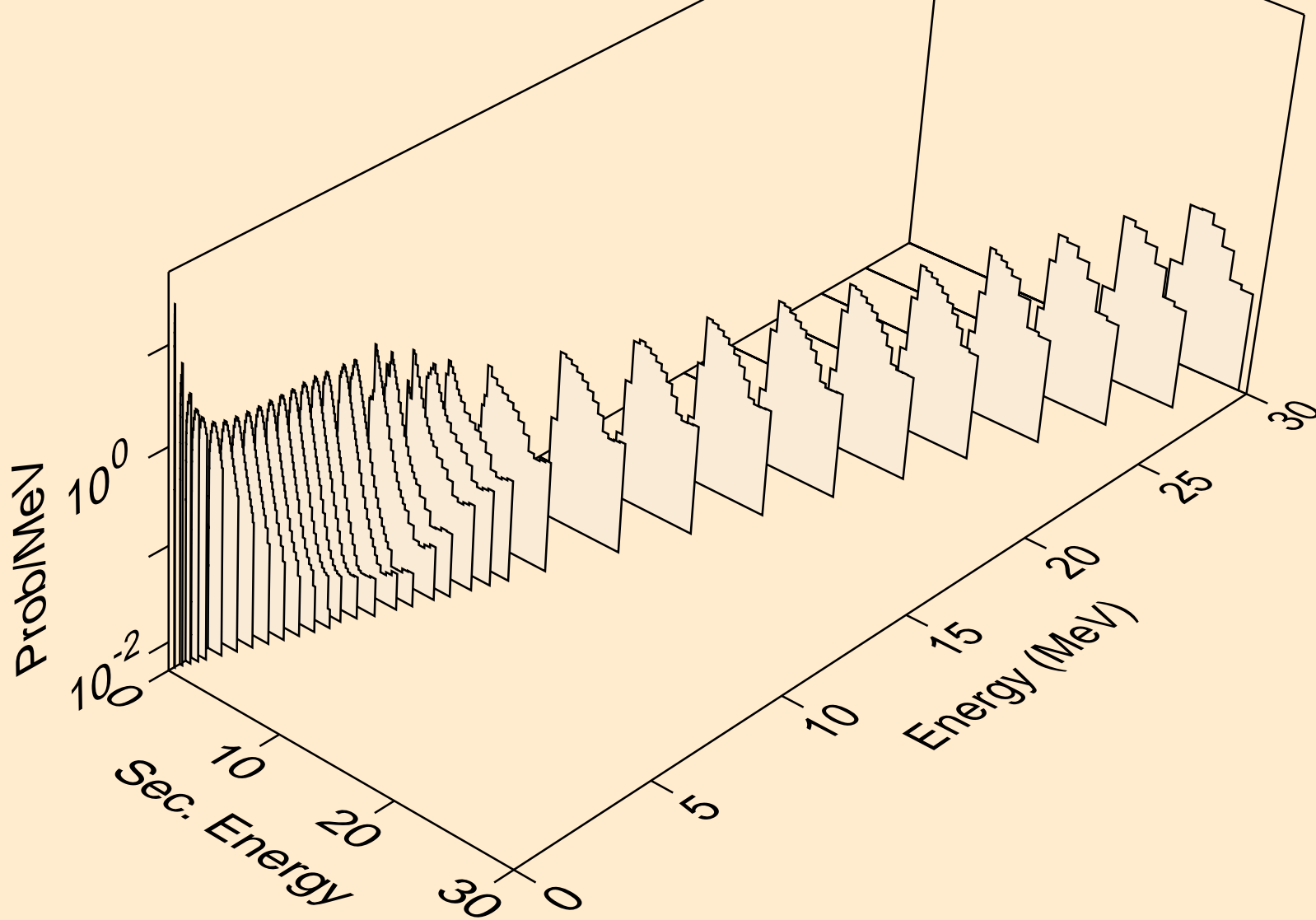


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

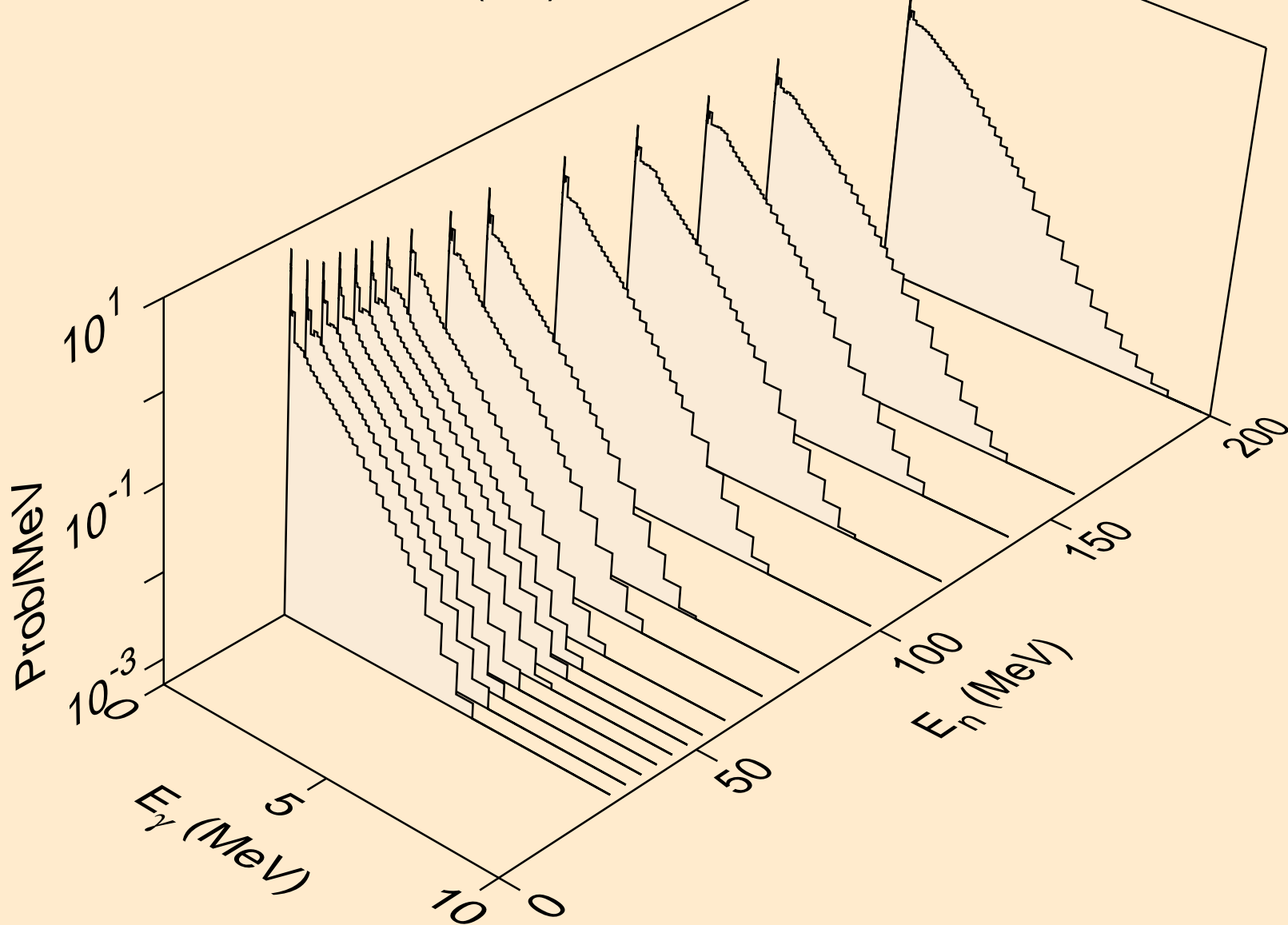




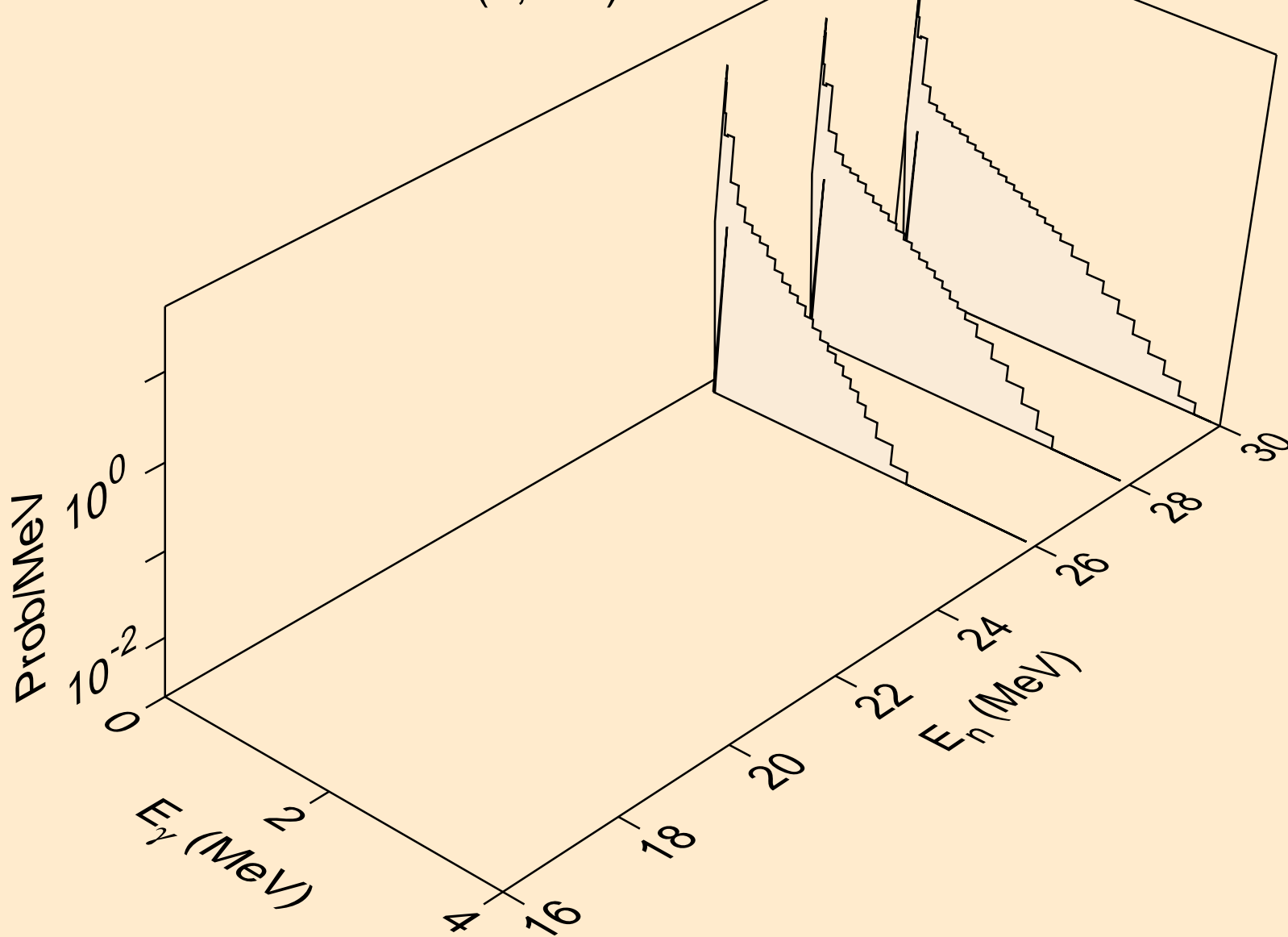
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



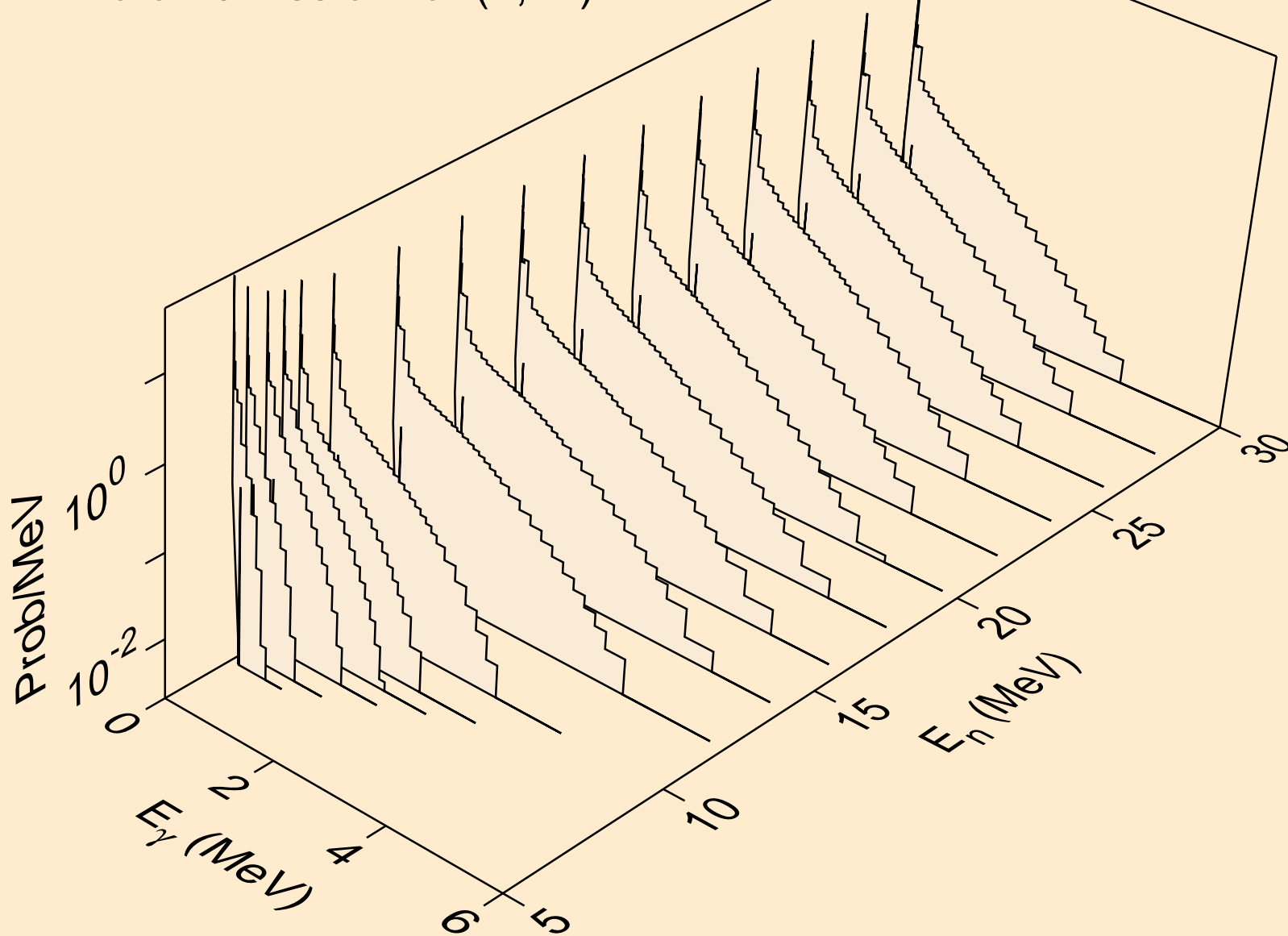
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



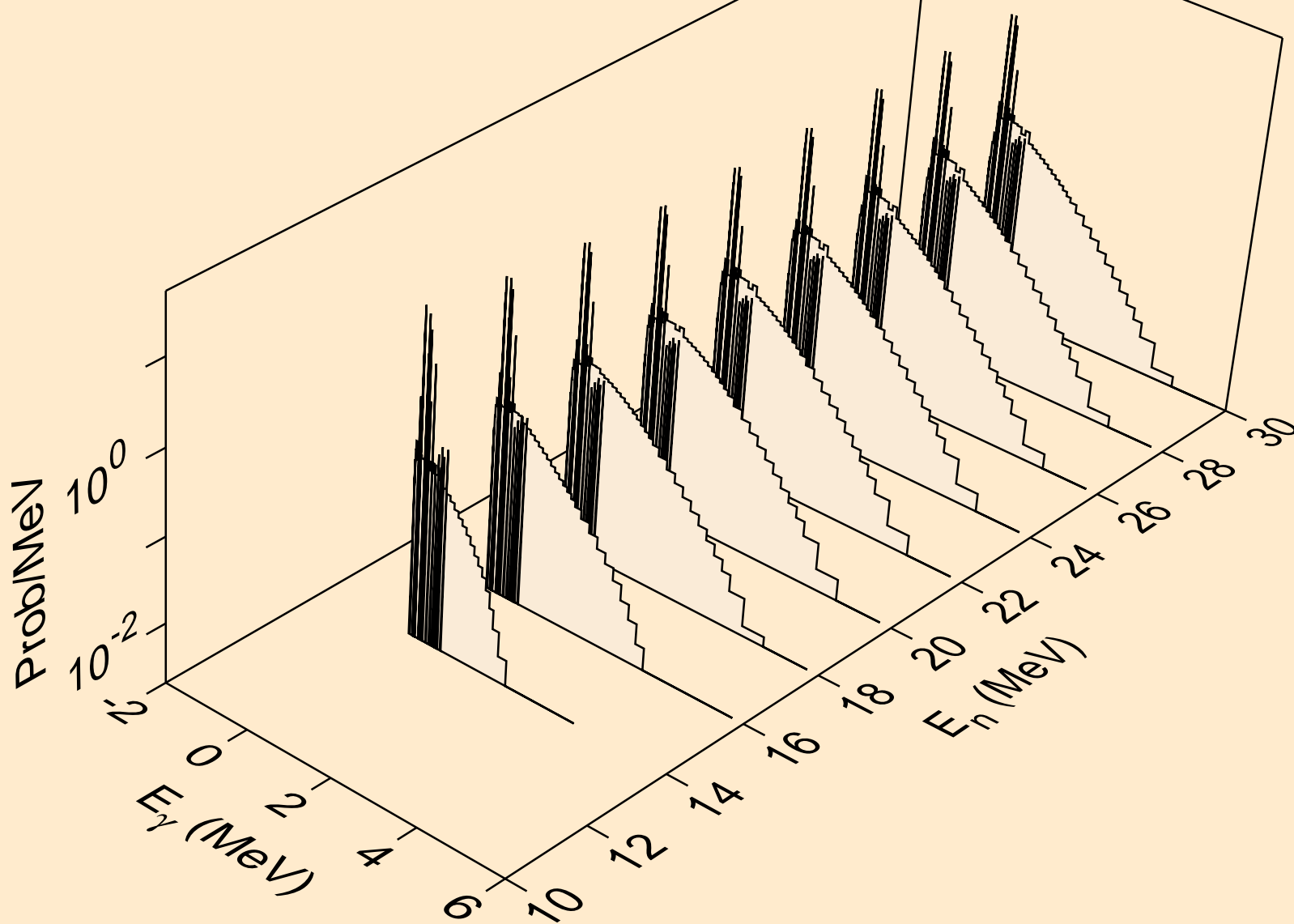
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



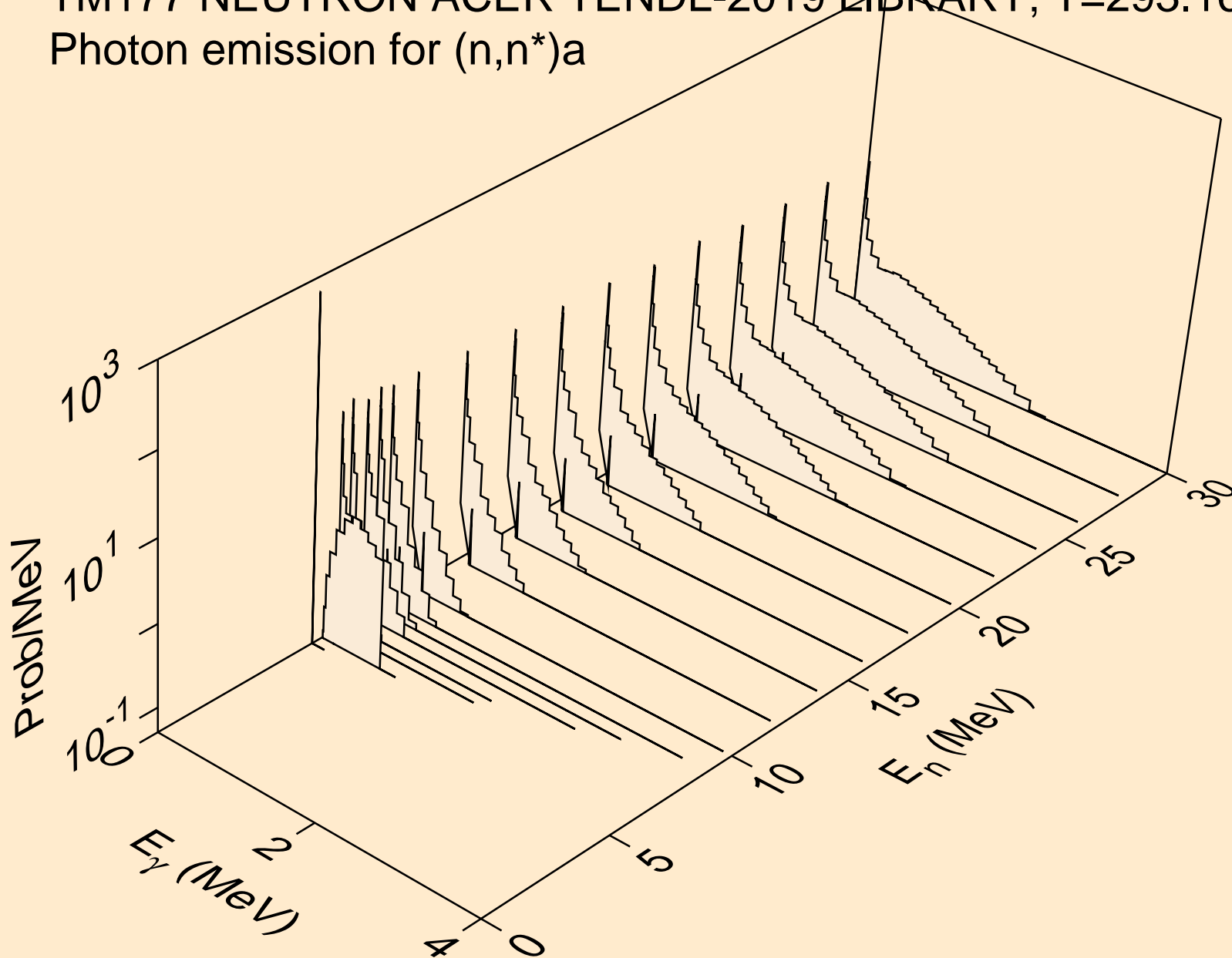
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



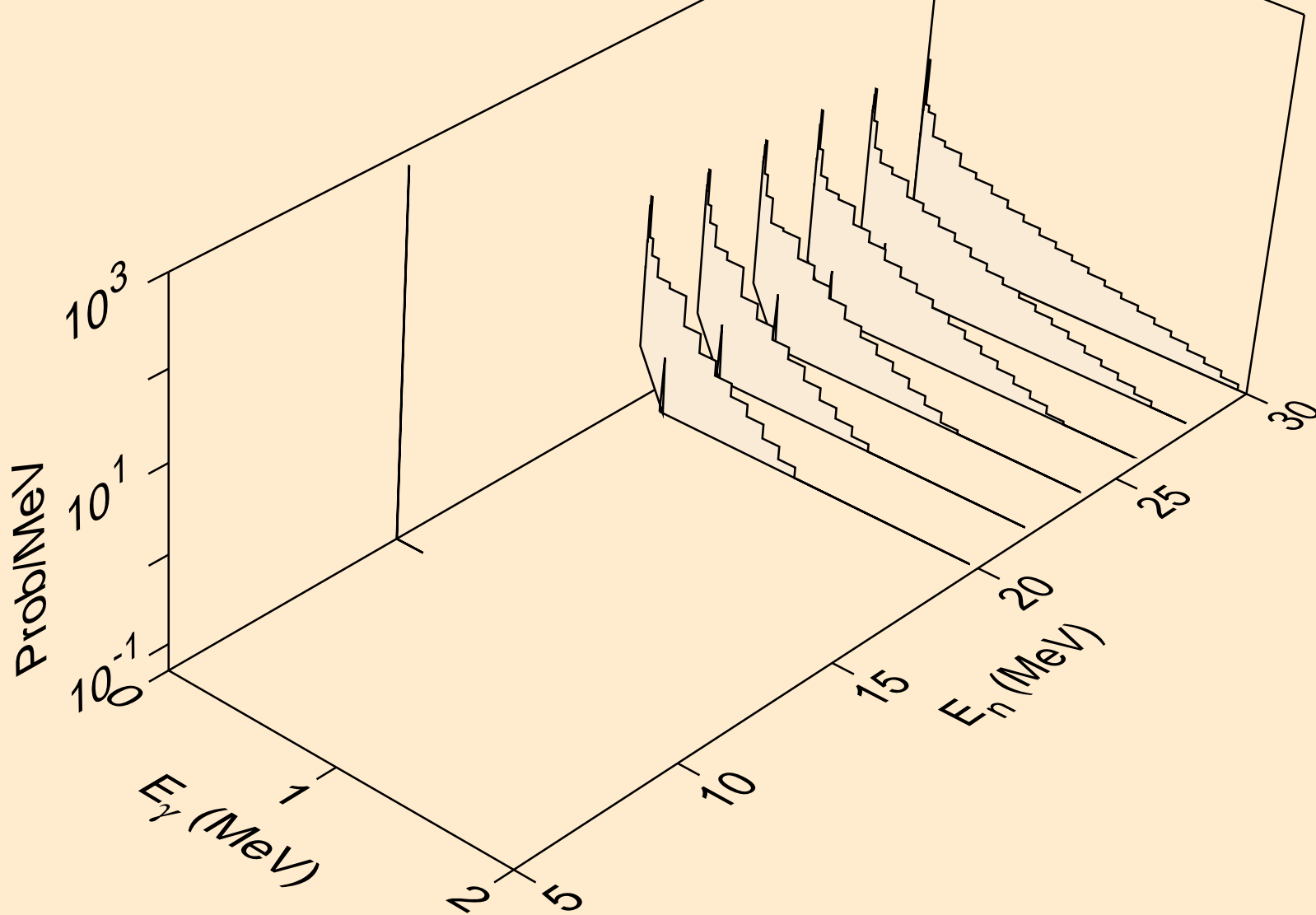
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Photon emission for (n,3n)



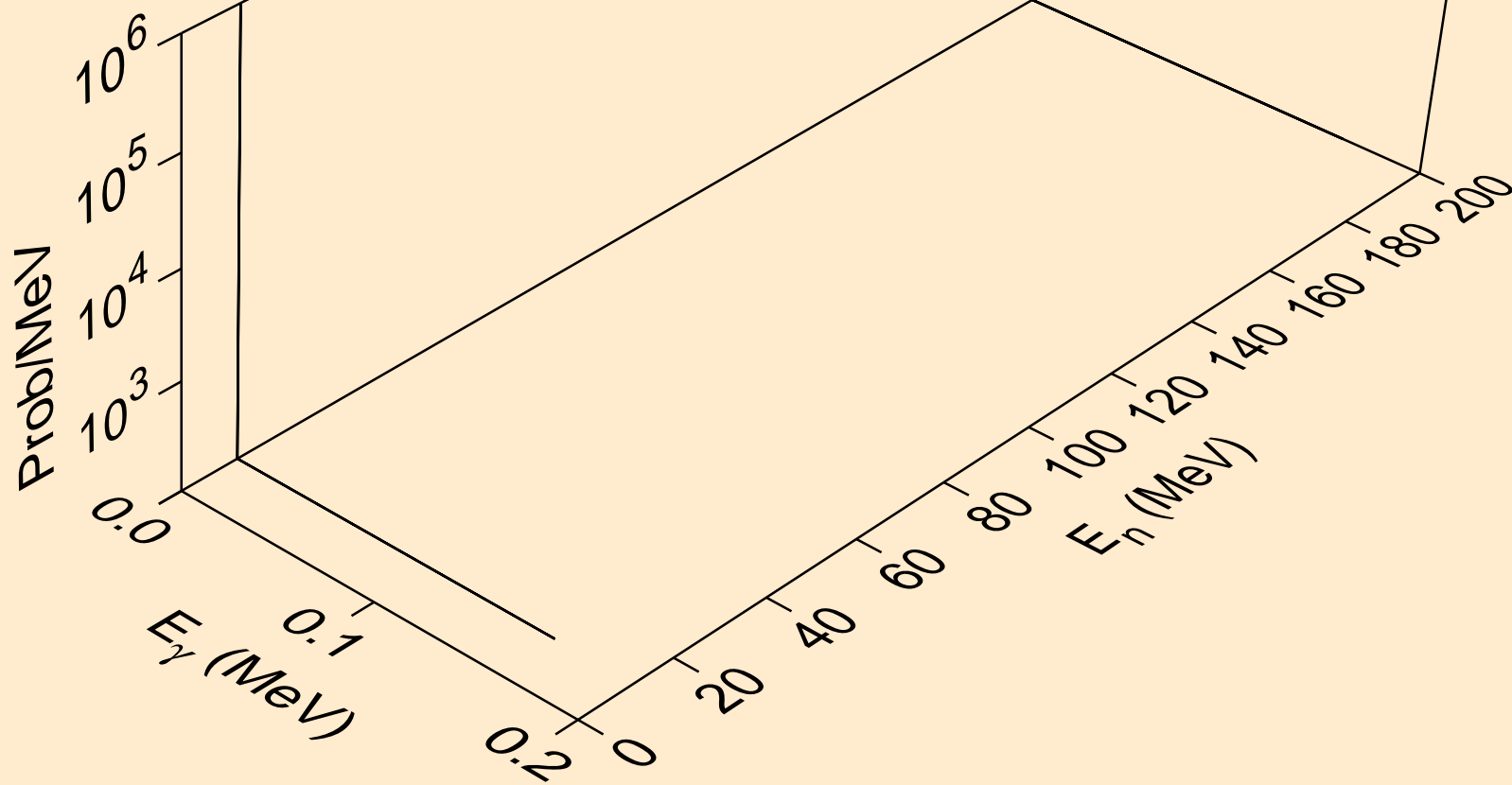
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a

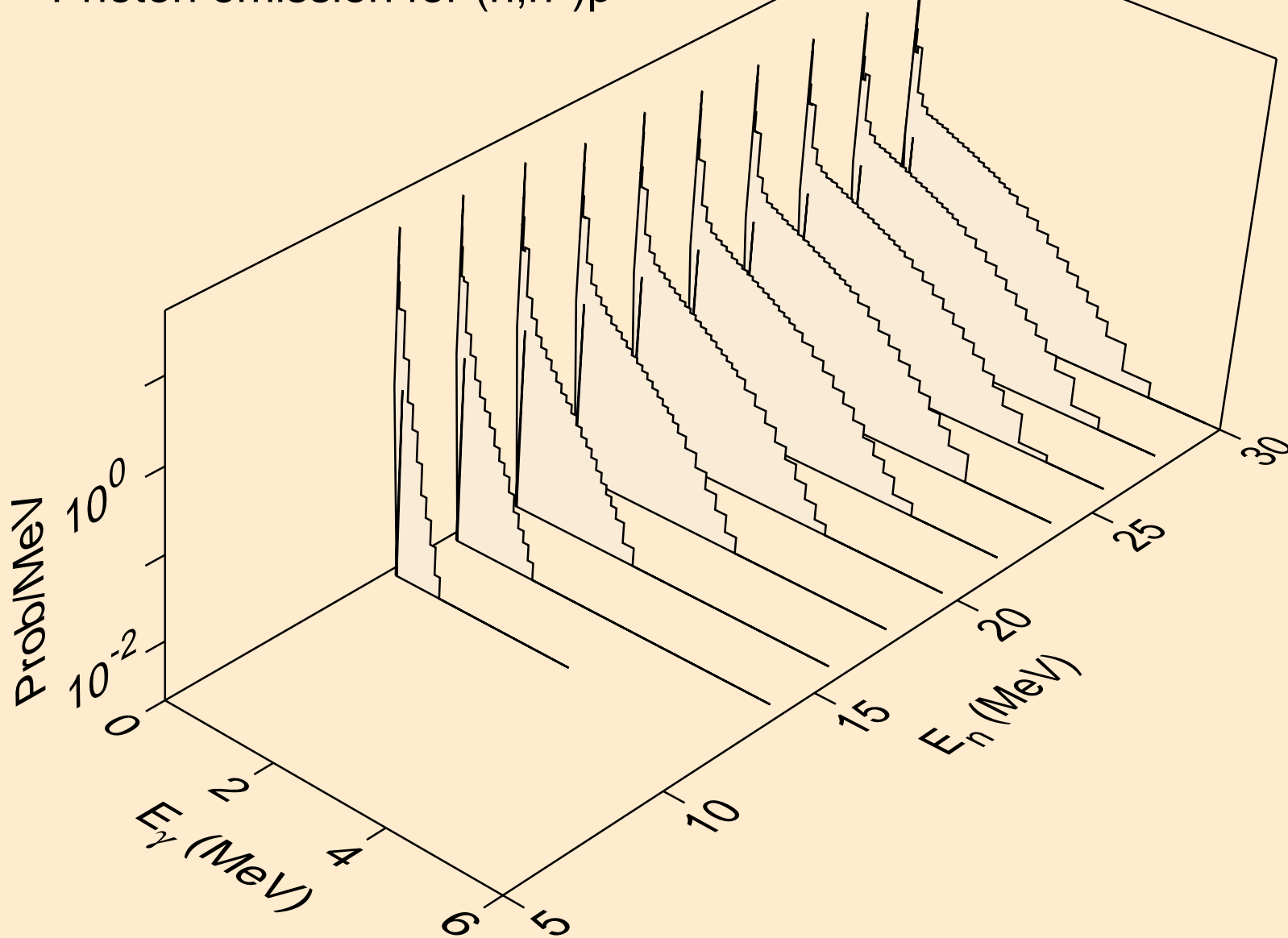


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

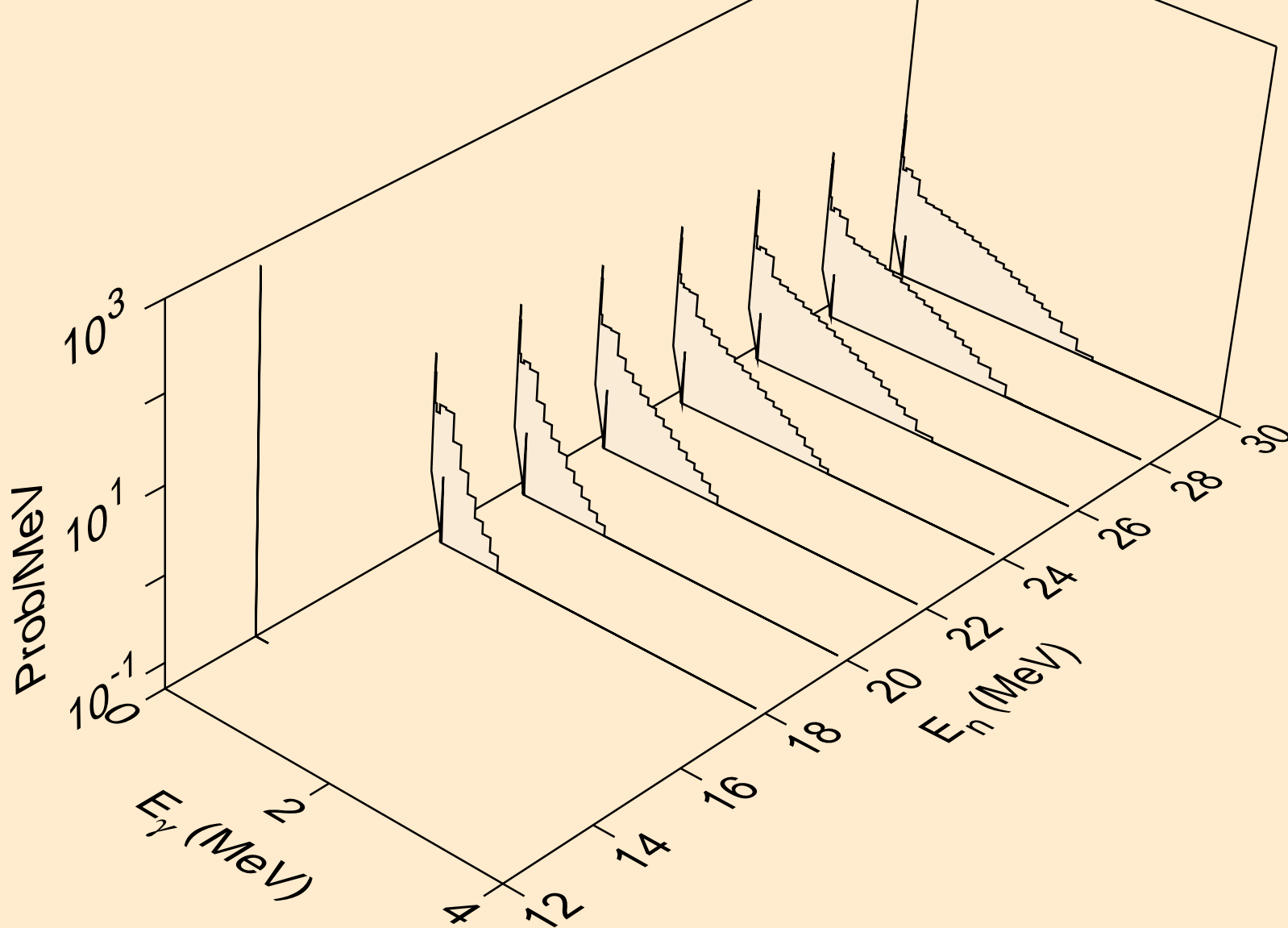




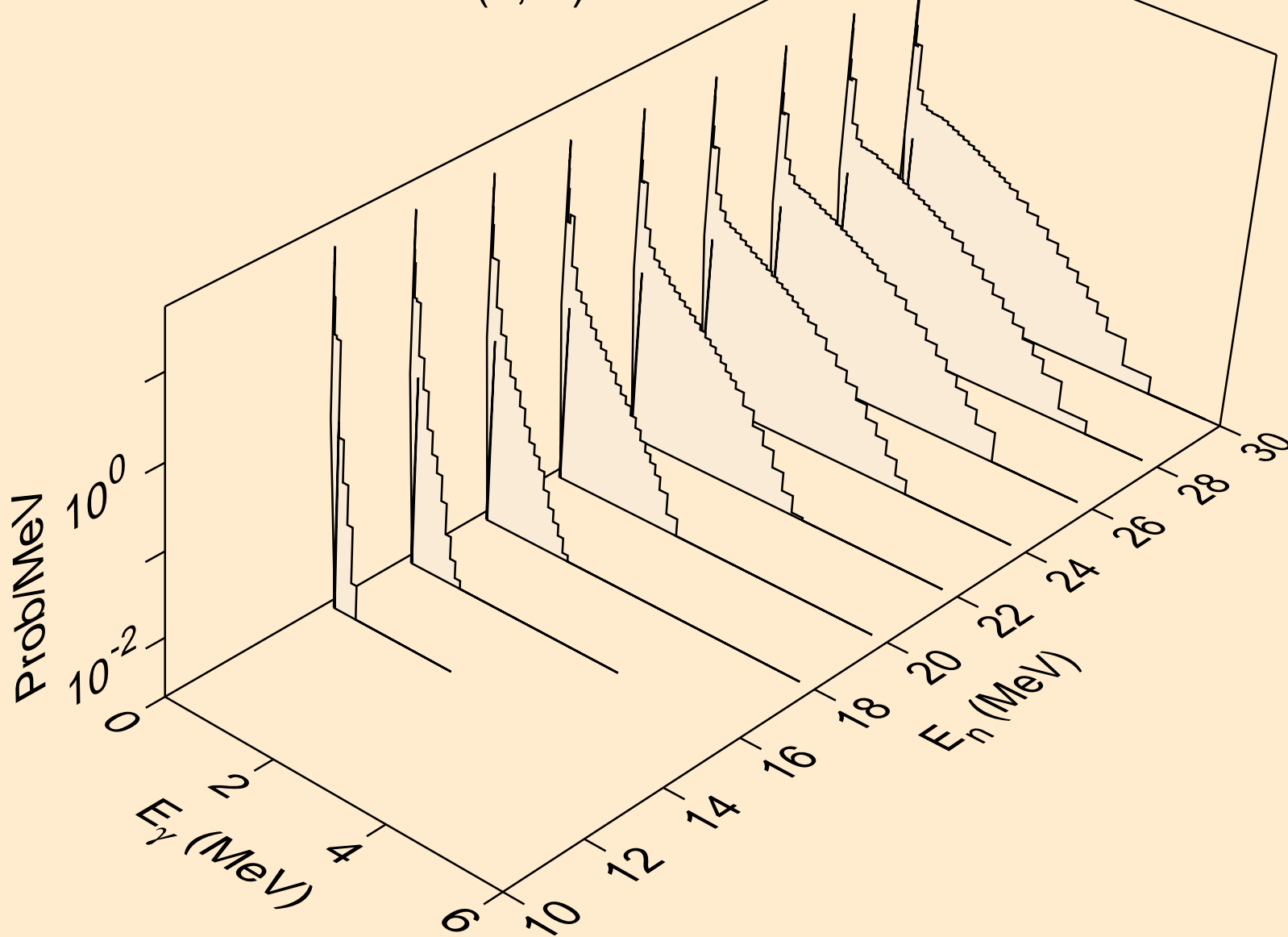
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



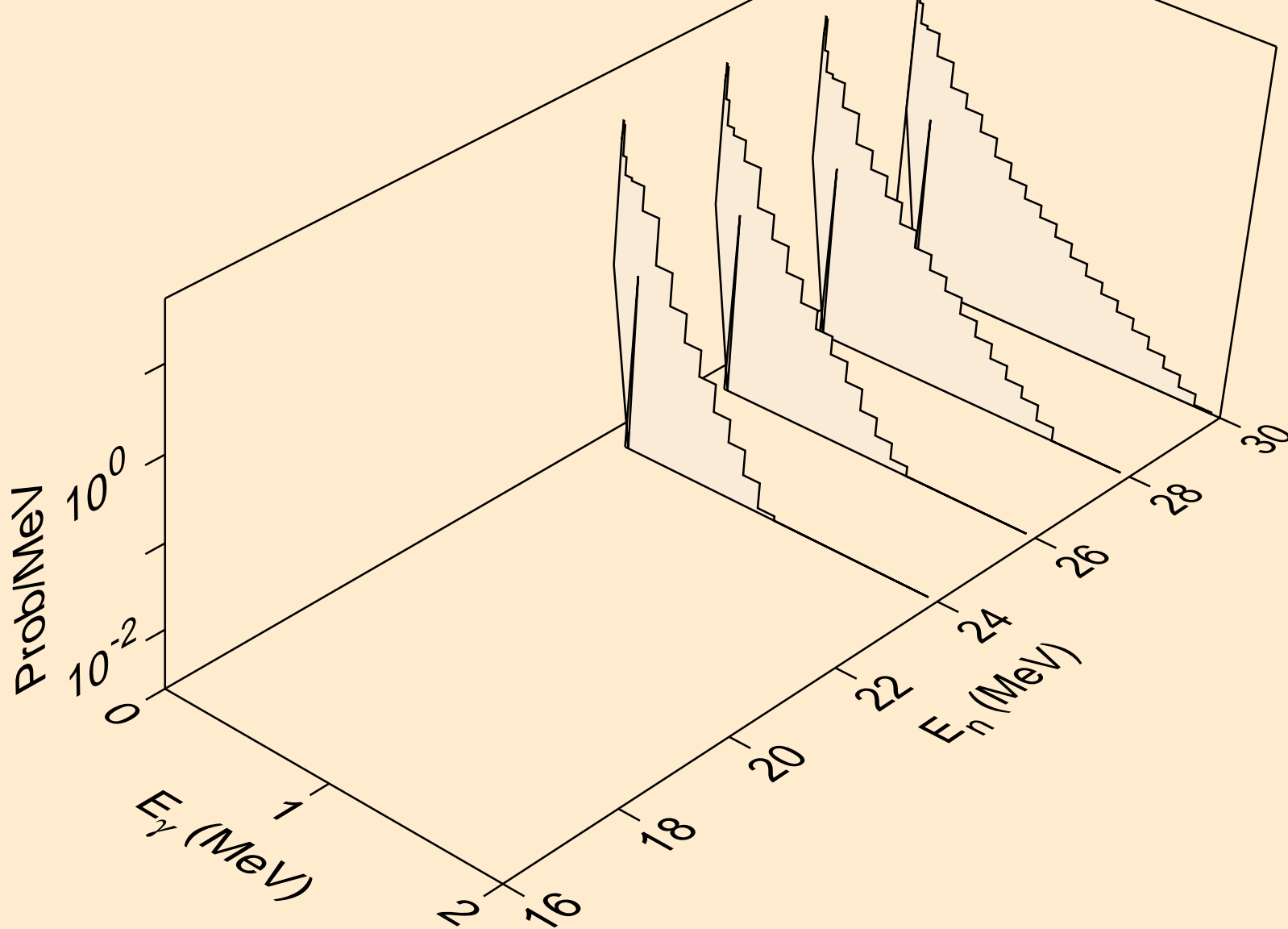
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



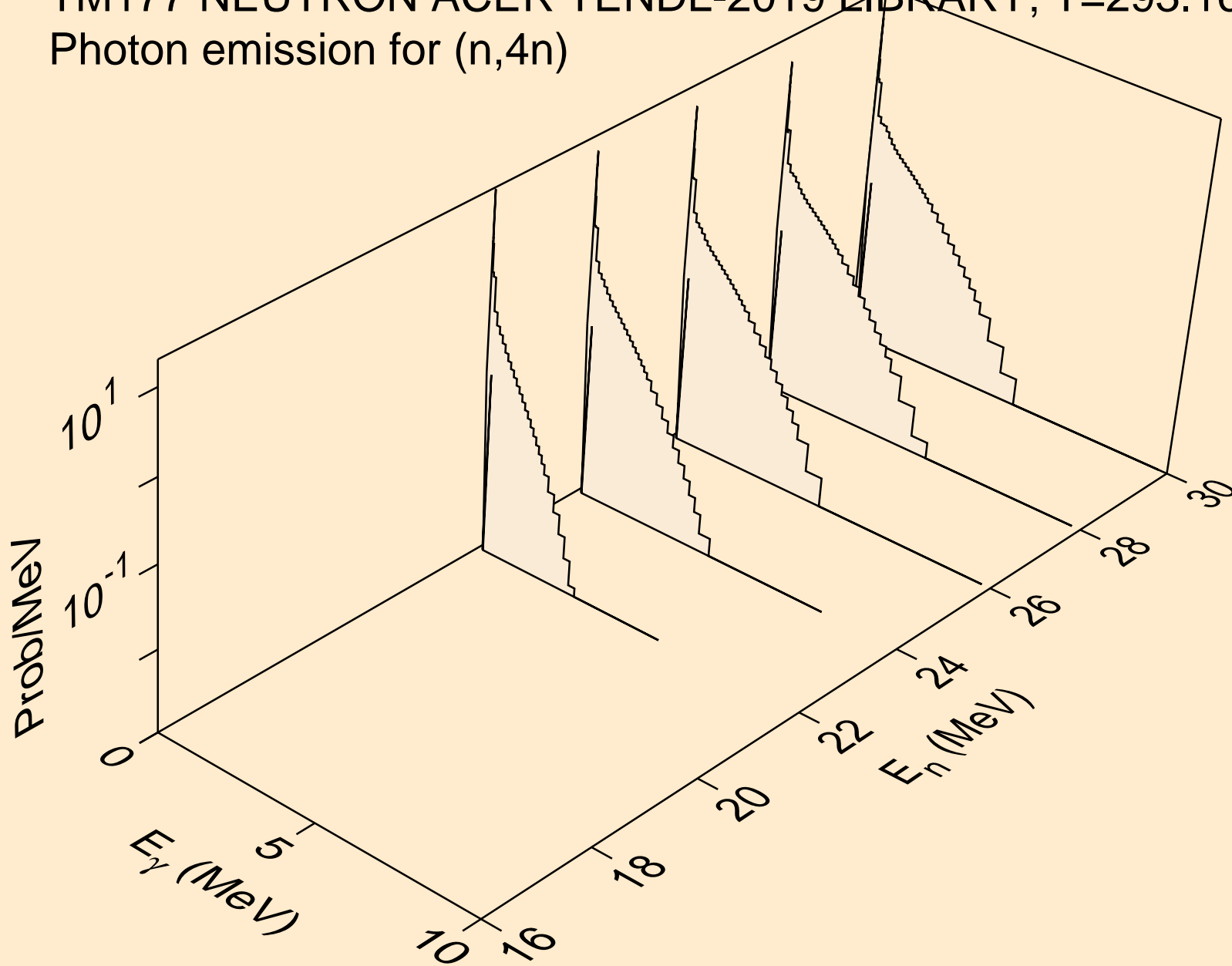
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Photon emission for (n,n\*)t



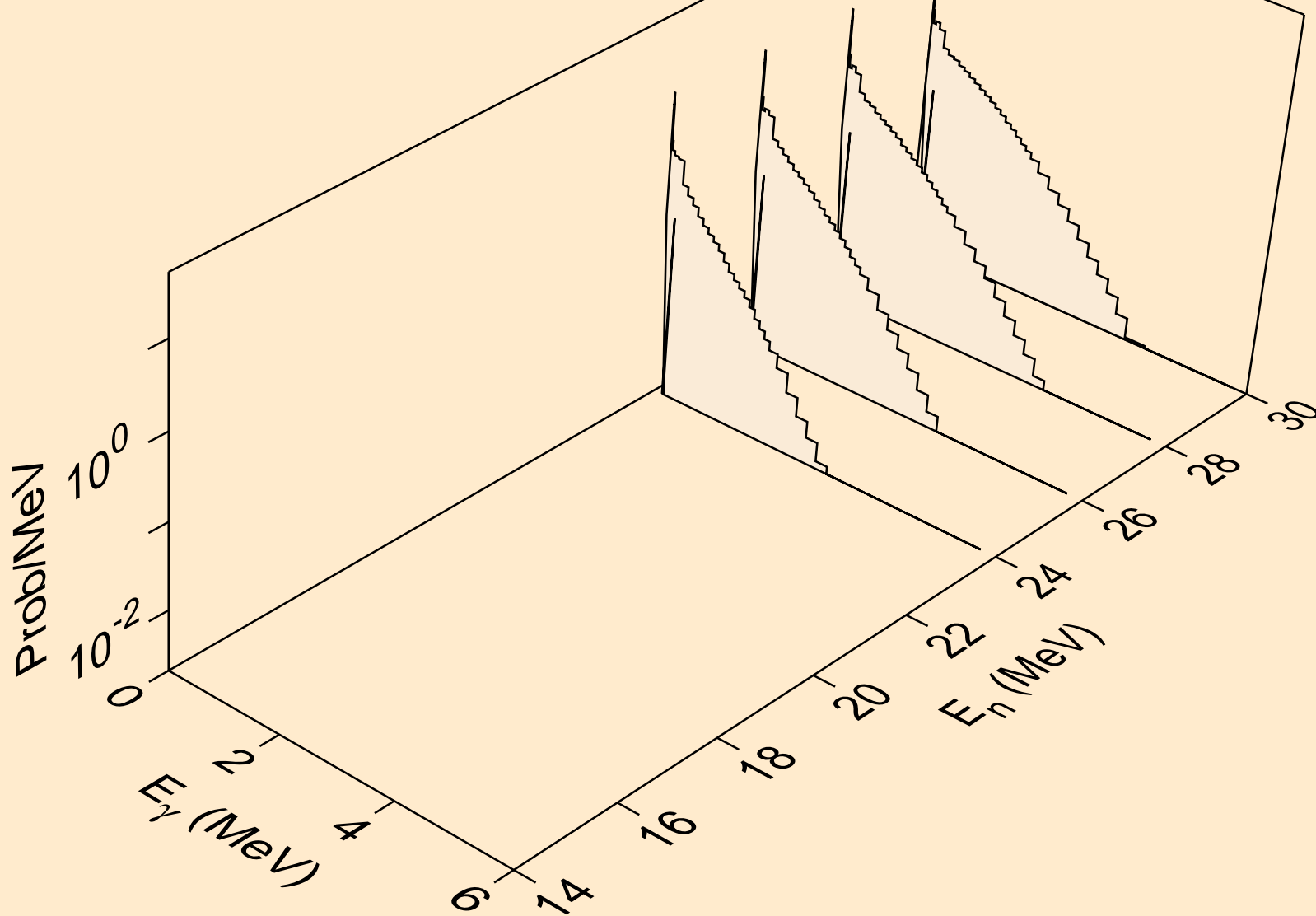
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



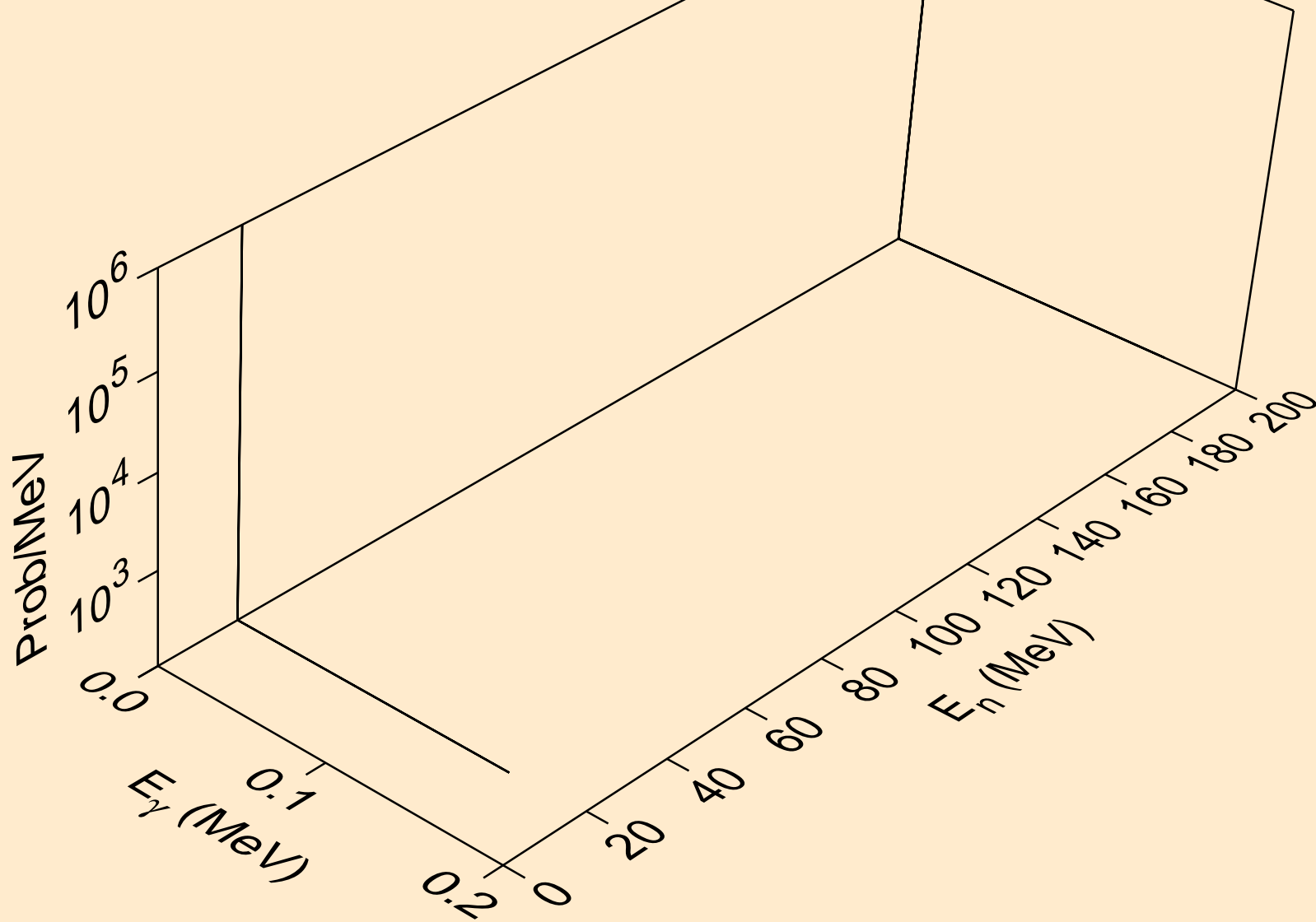
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



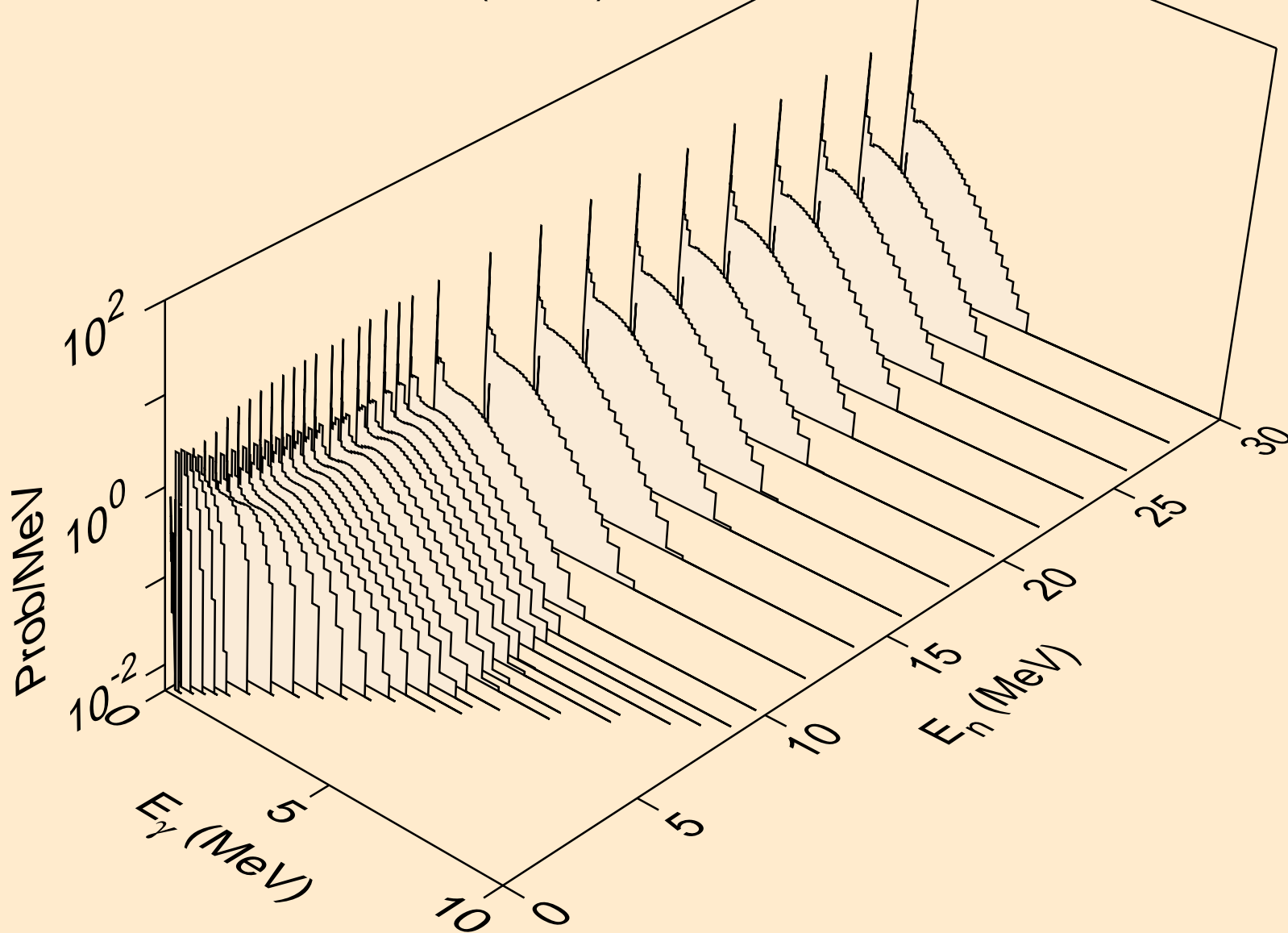
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

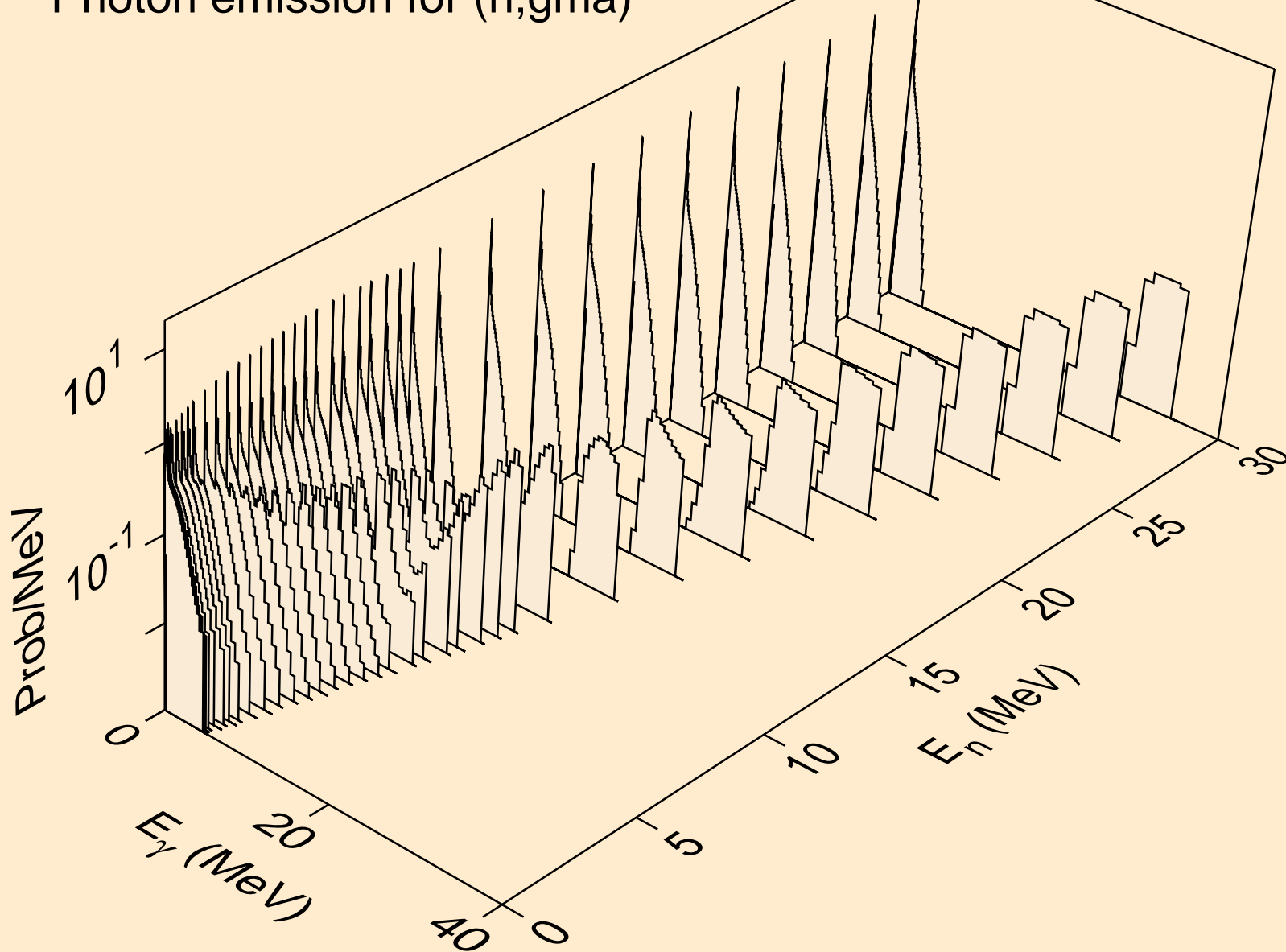


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

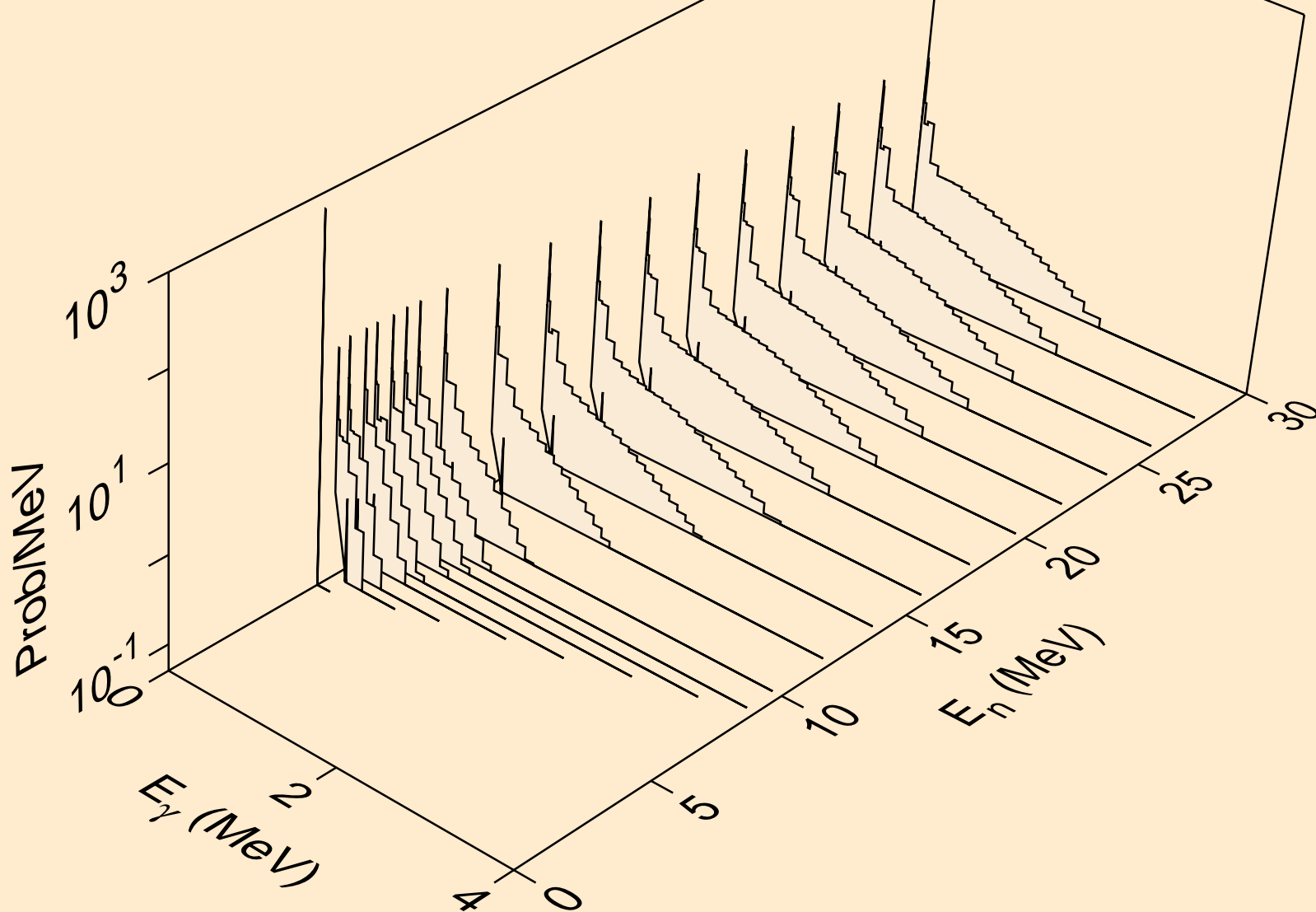




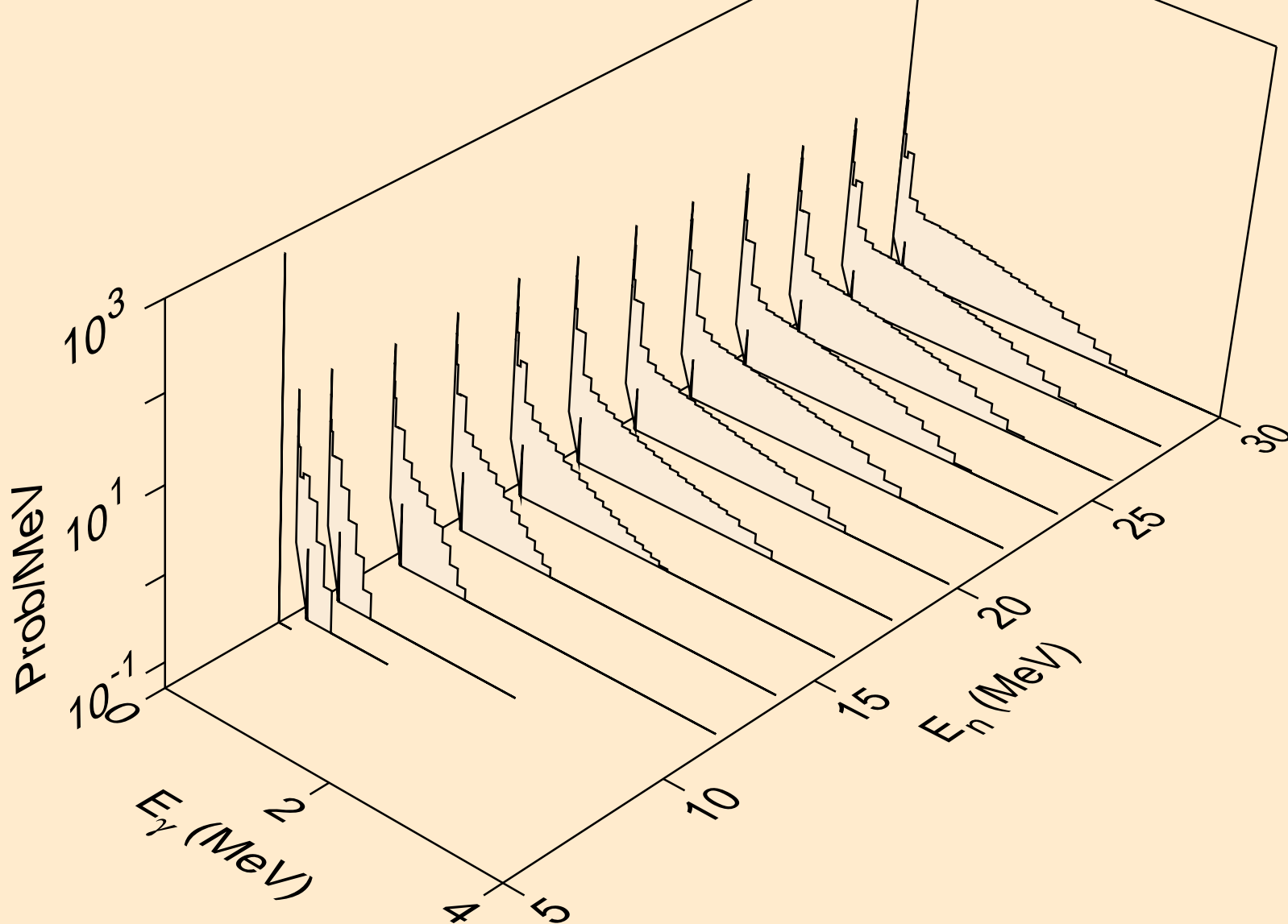
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



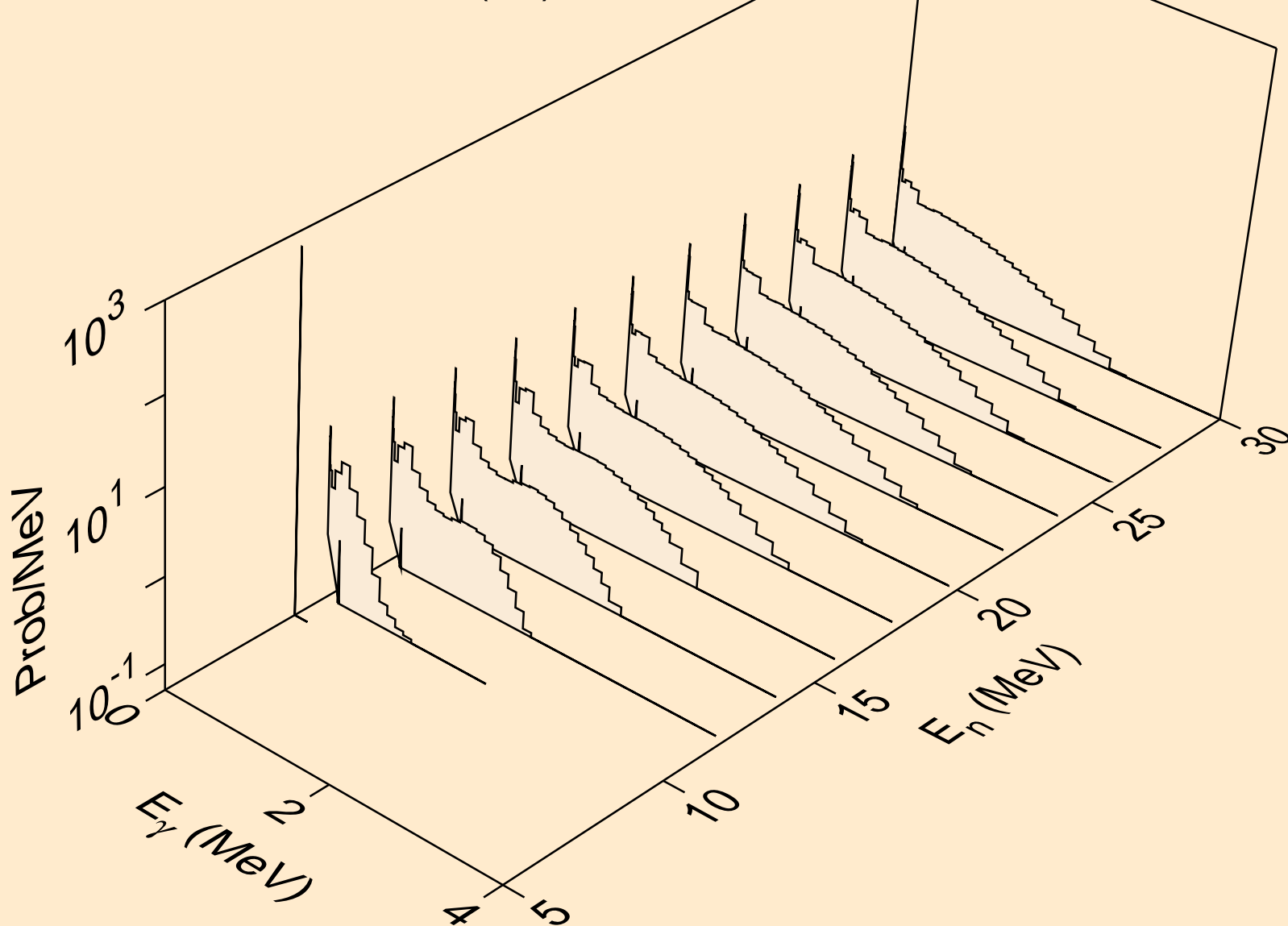
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



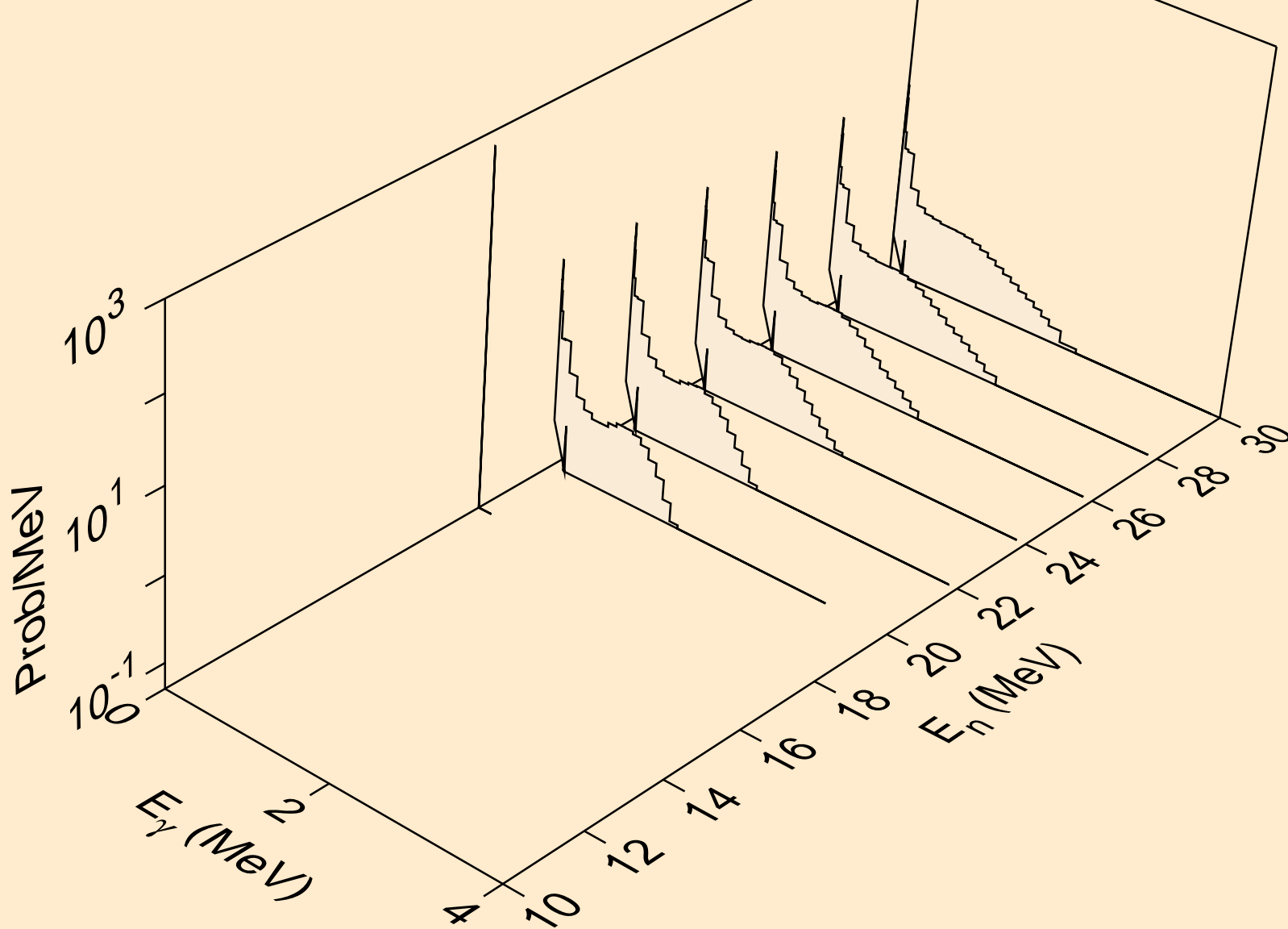
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



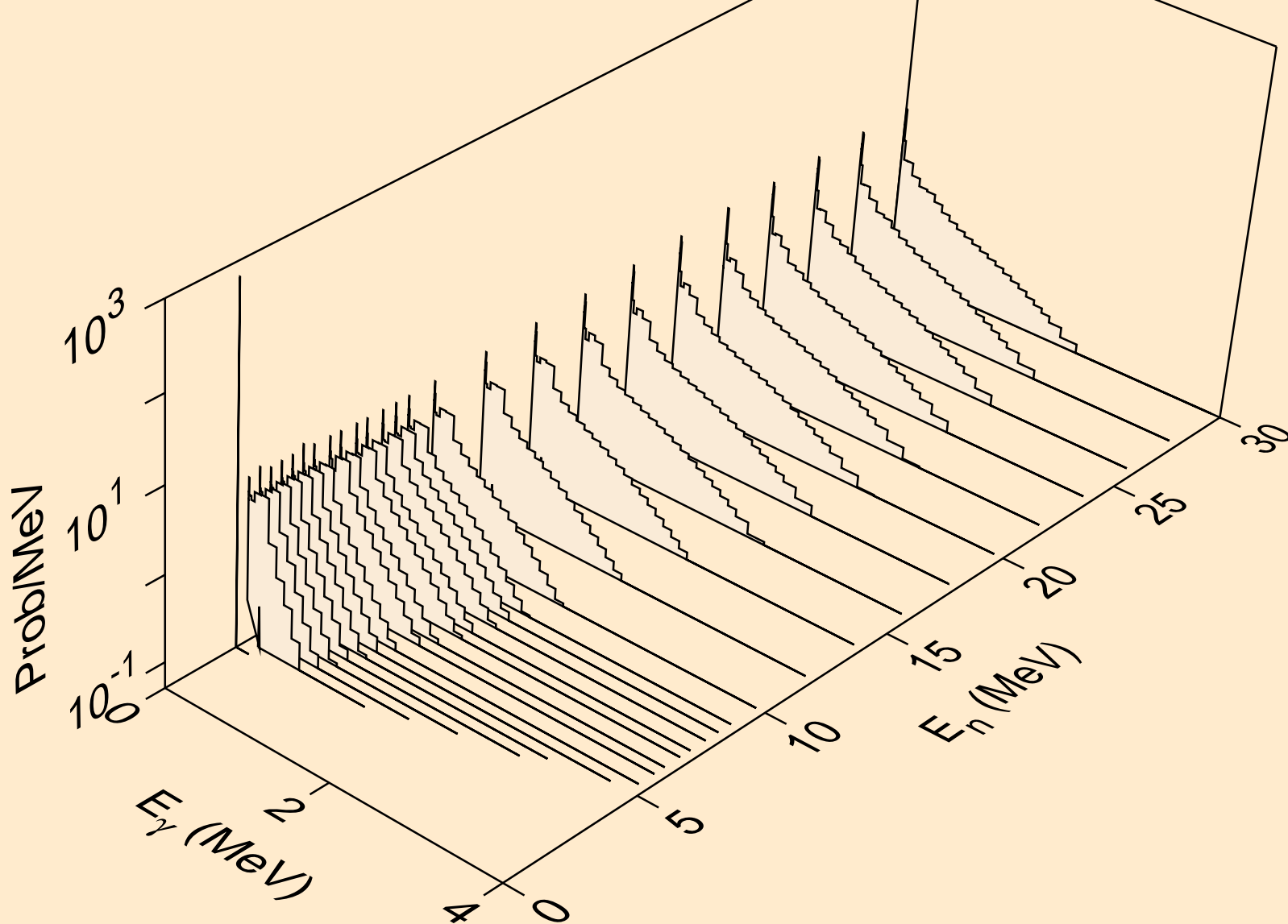
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



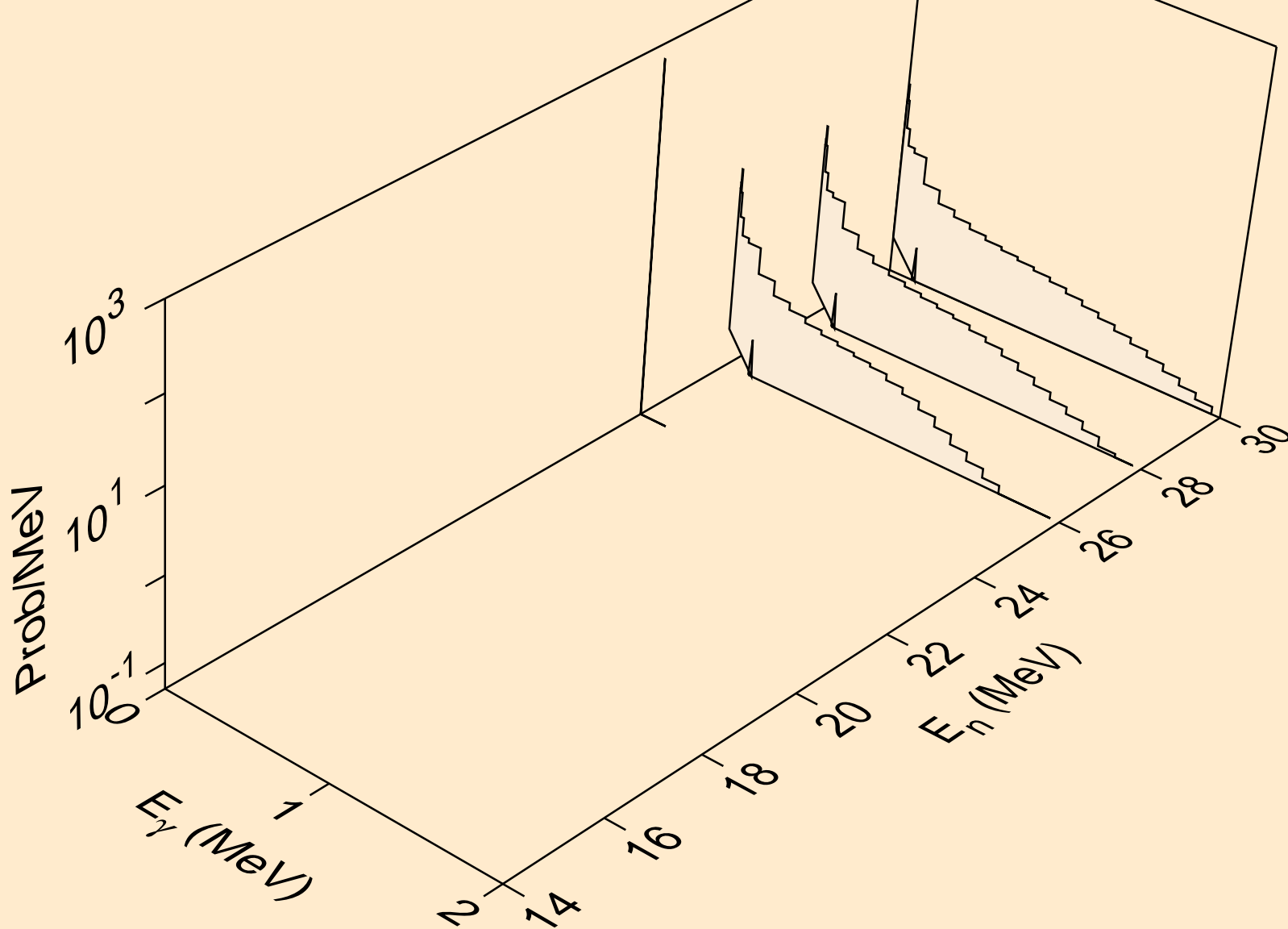
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



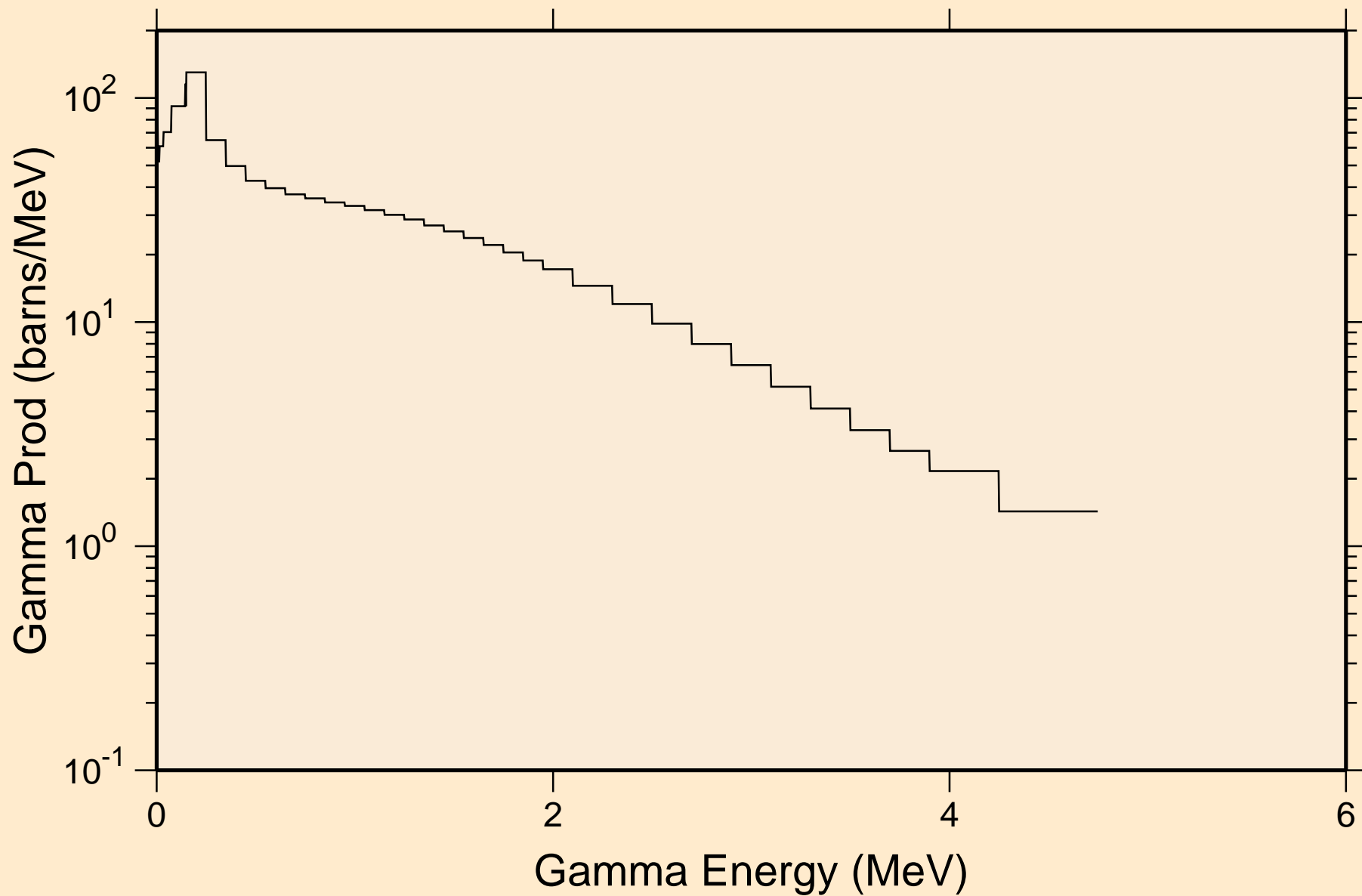
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)

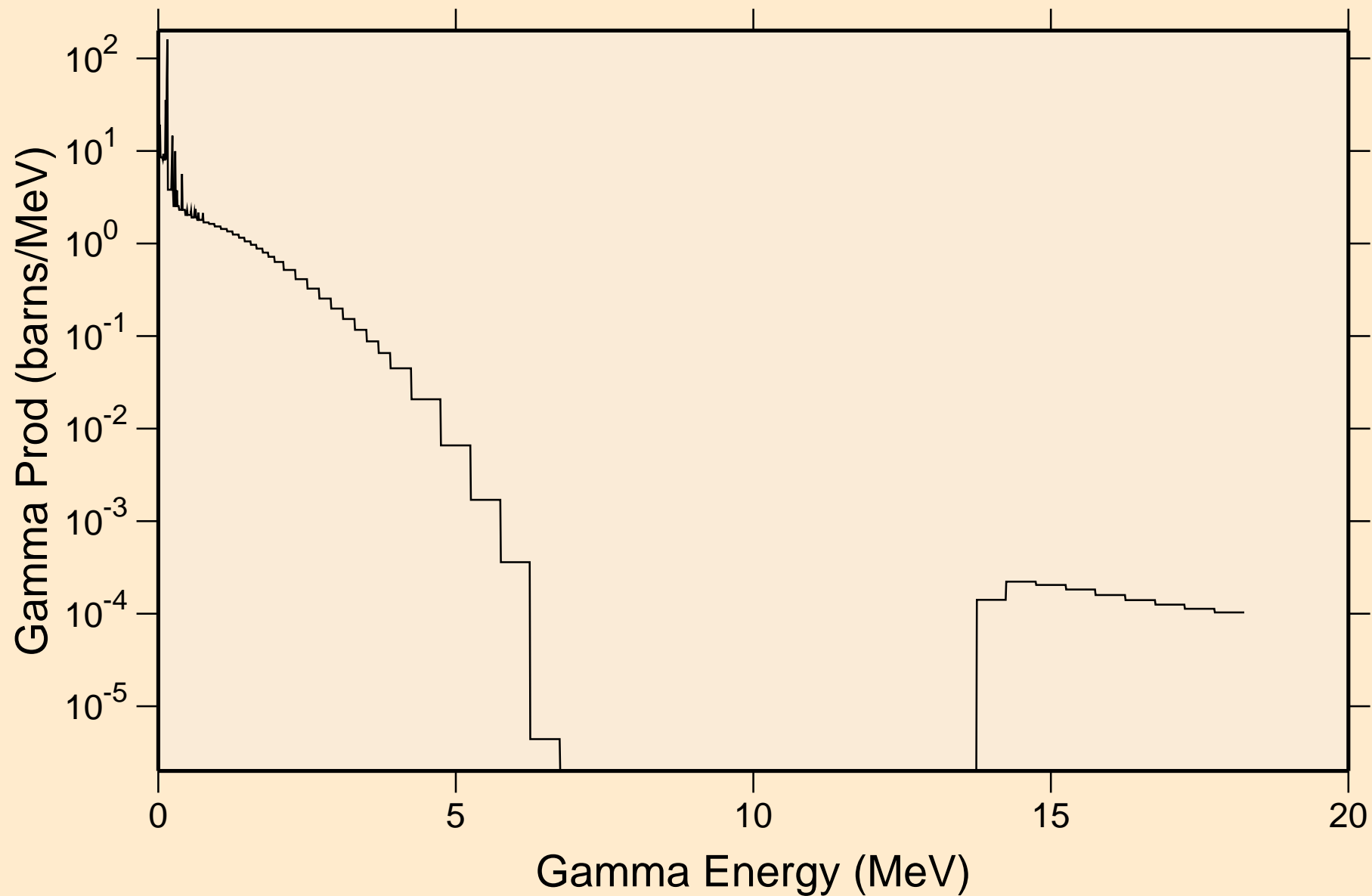


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

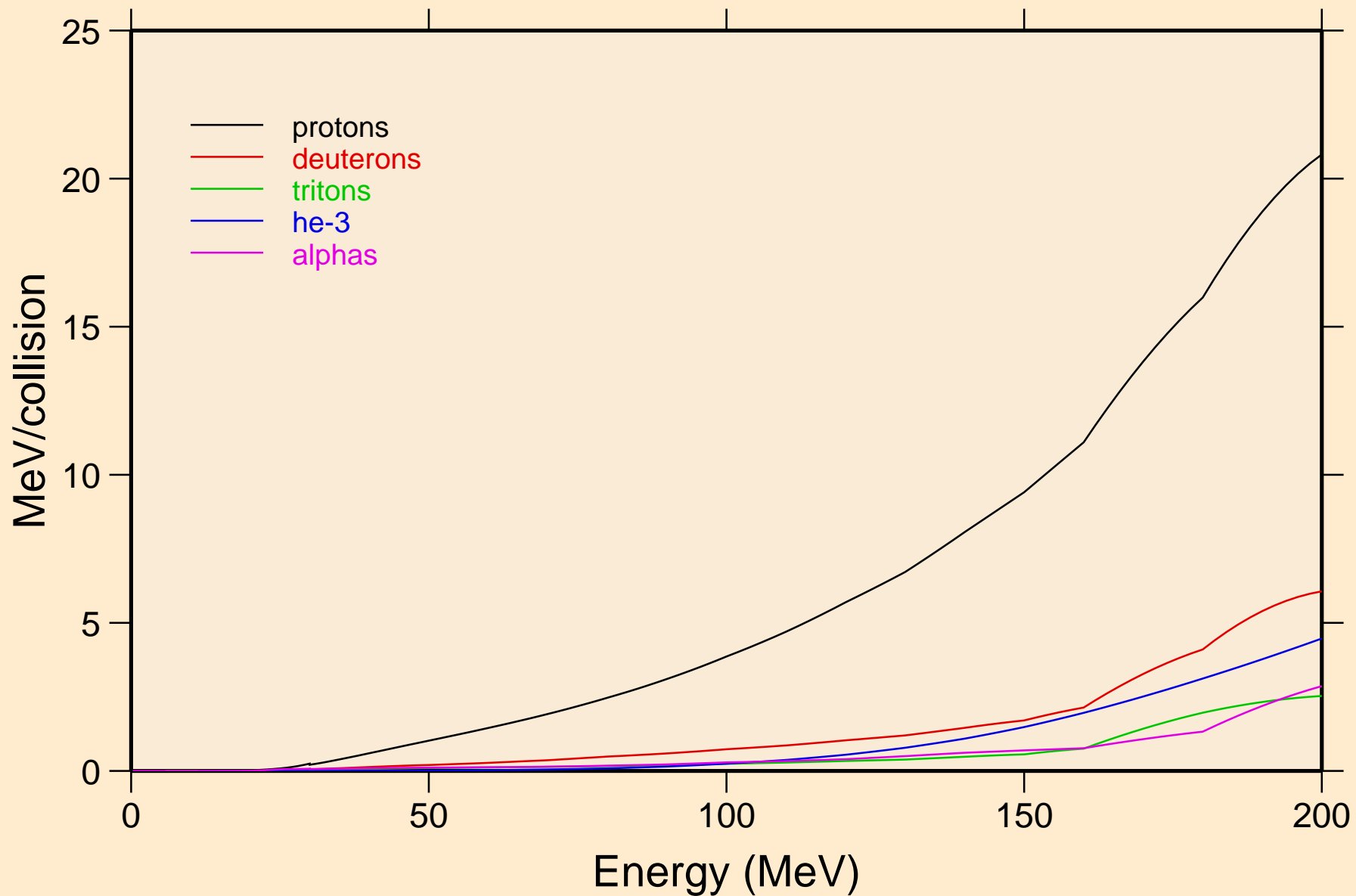




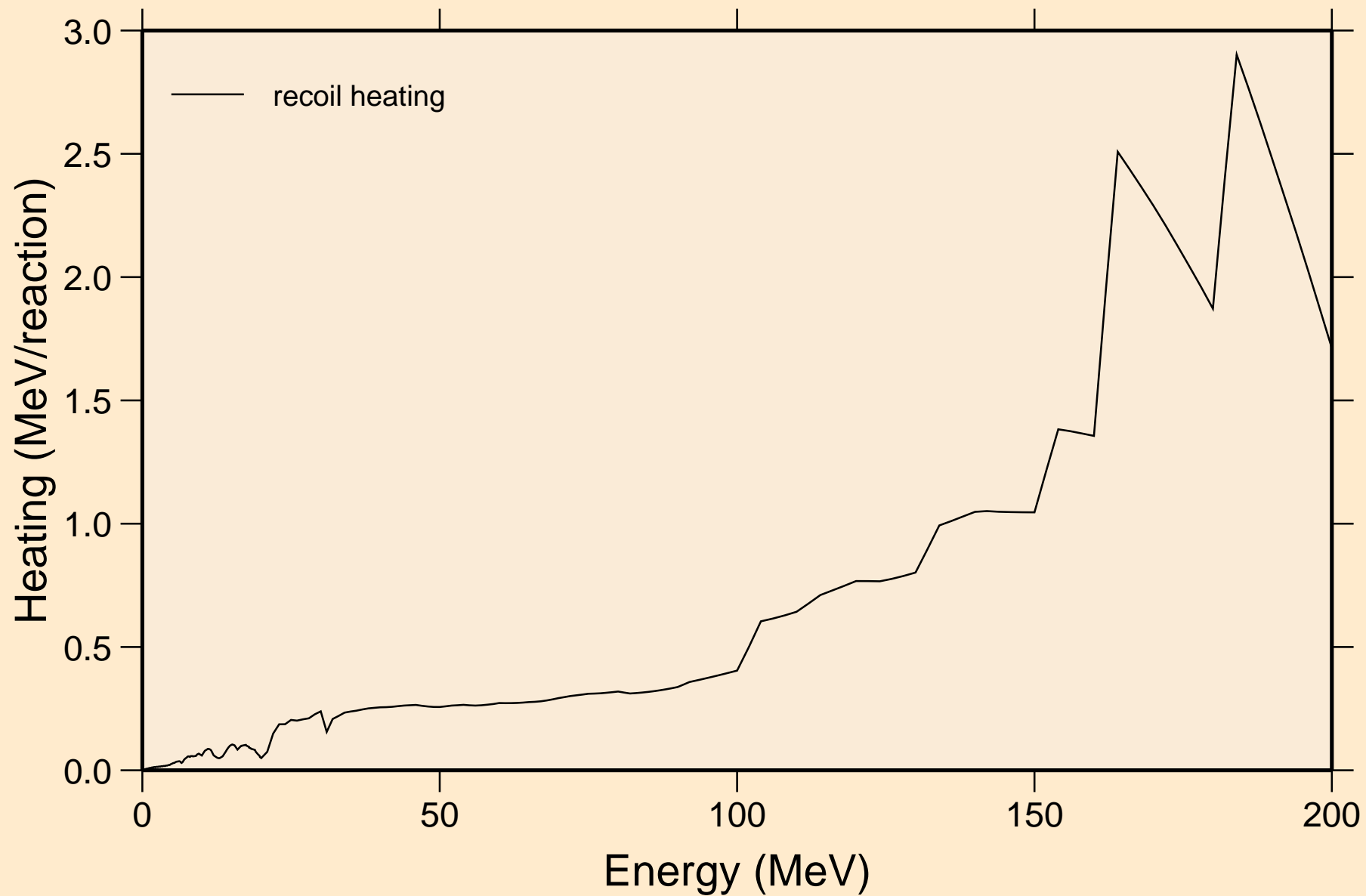
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14 MeV photon spectrum



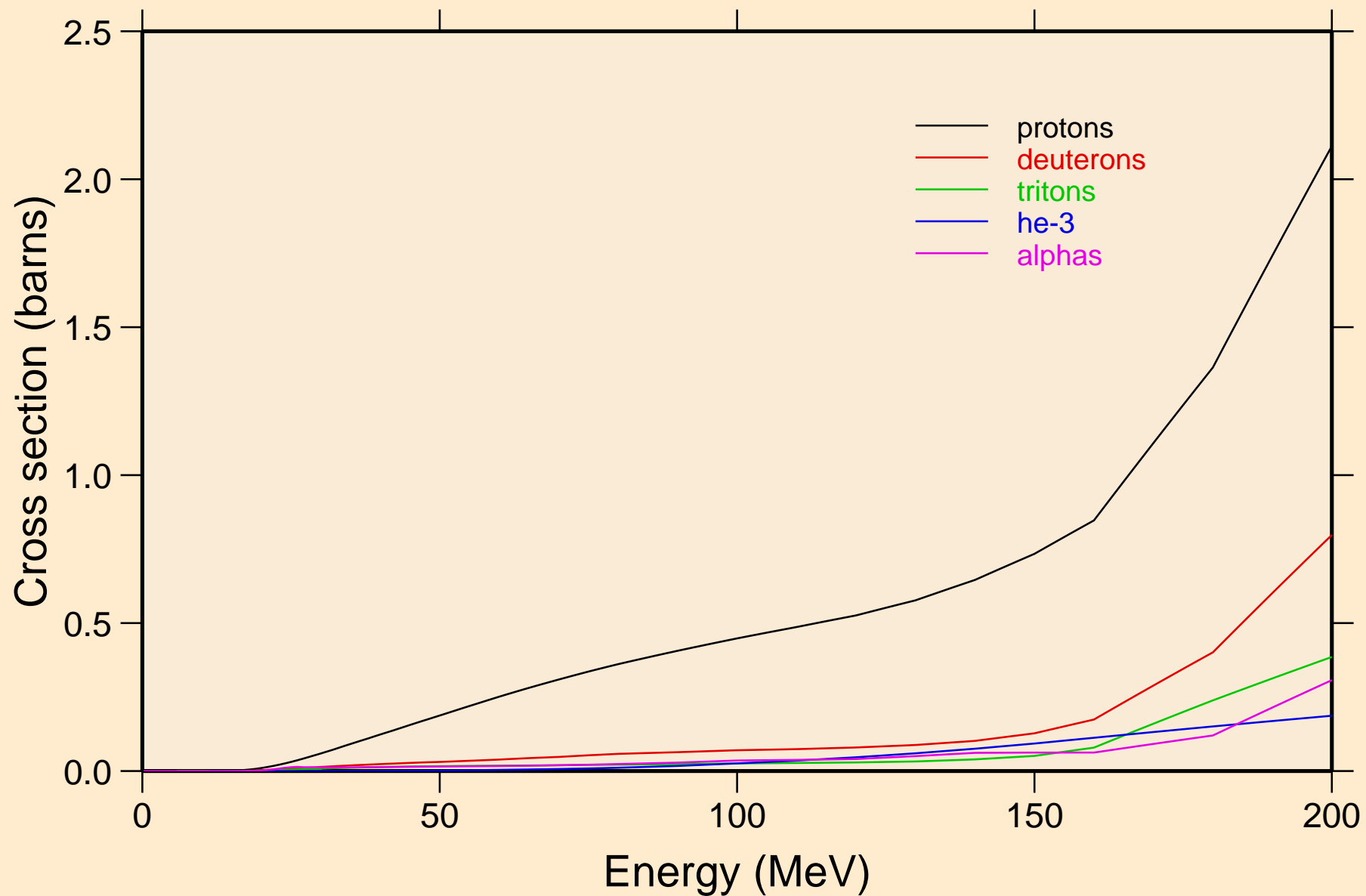
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



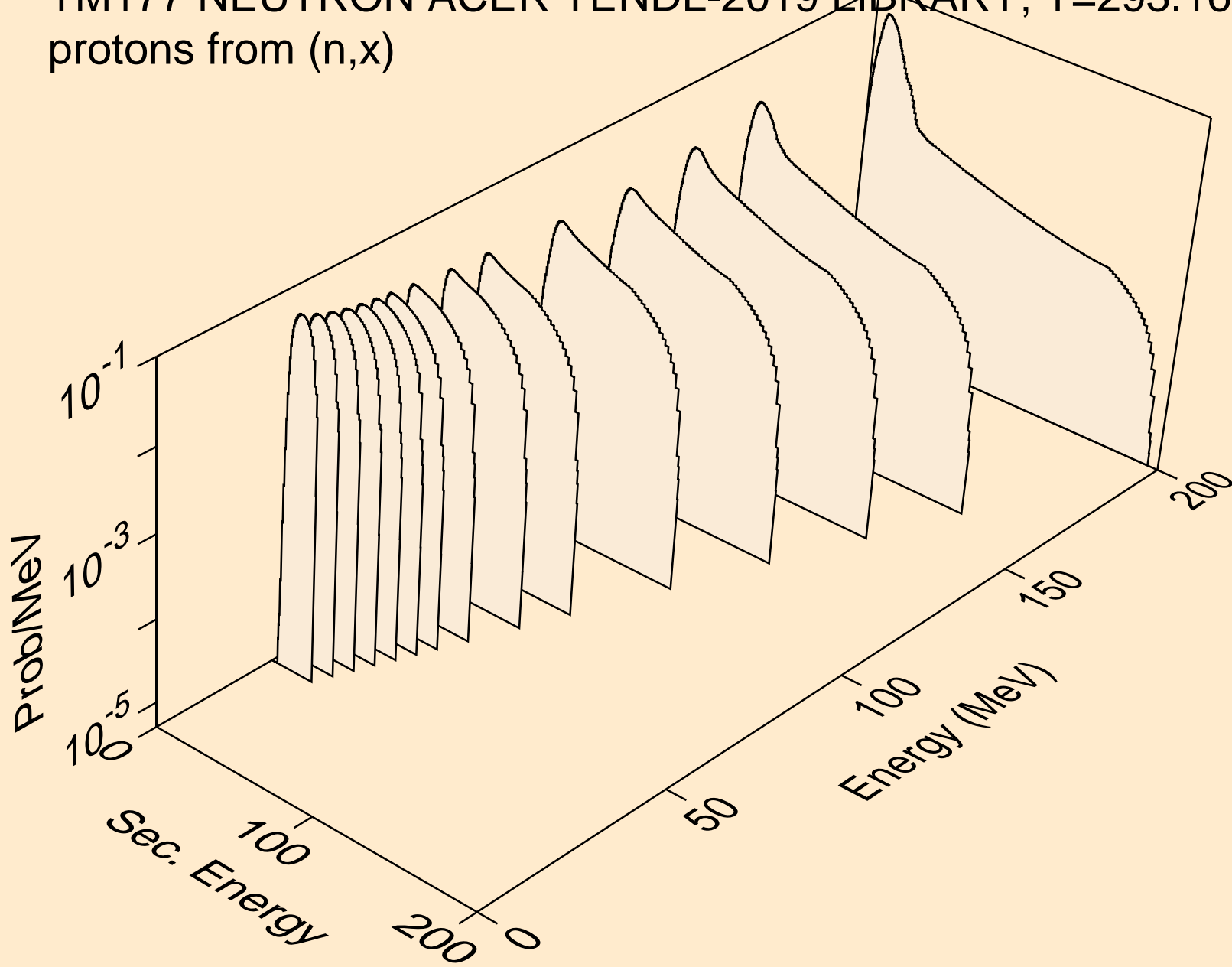
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



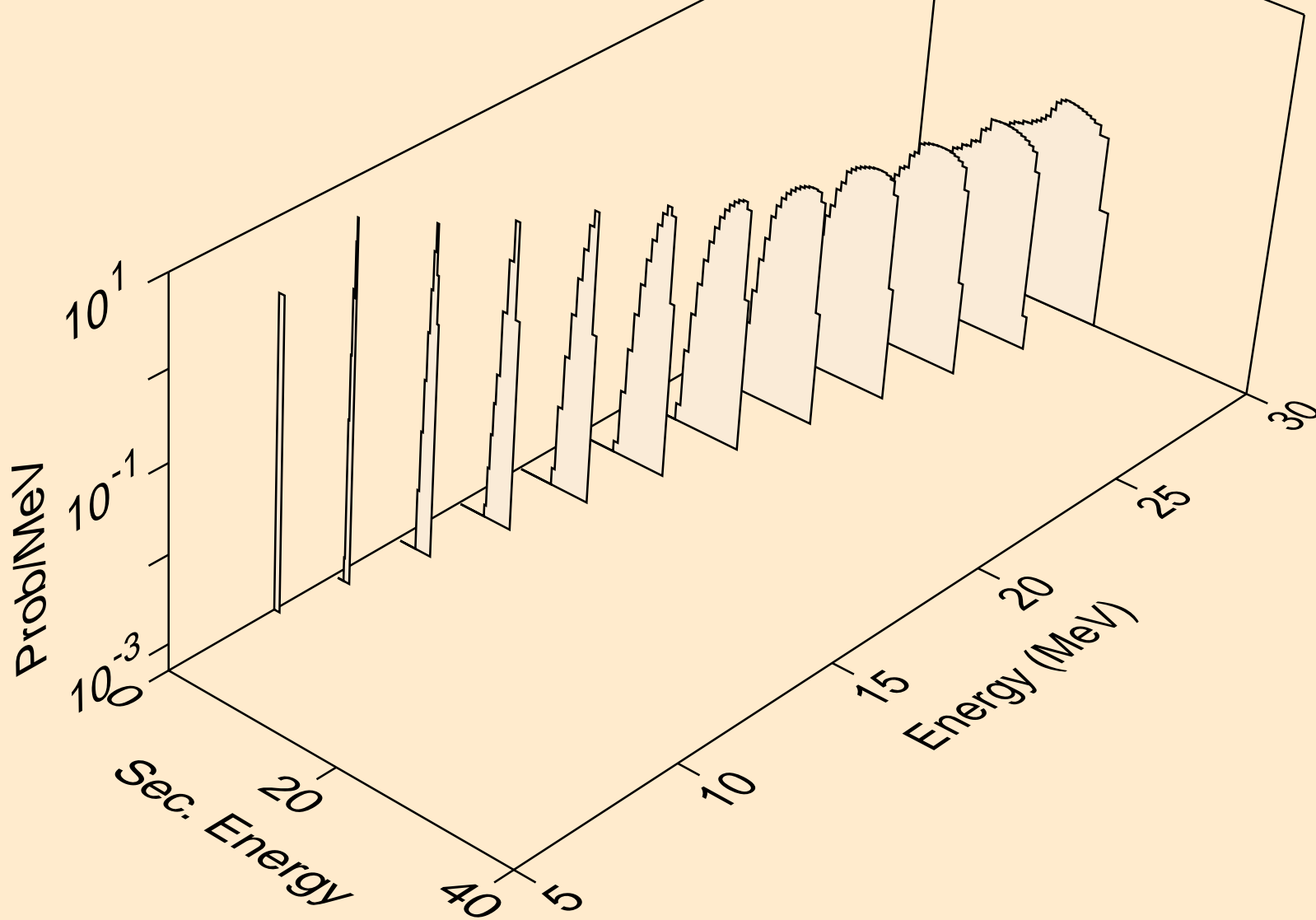
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



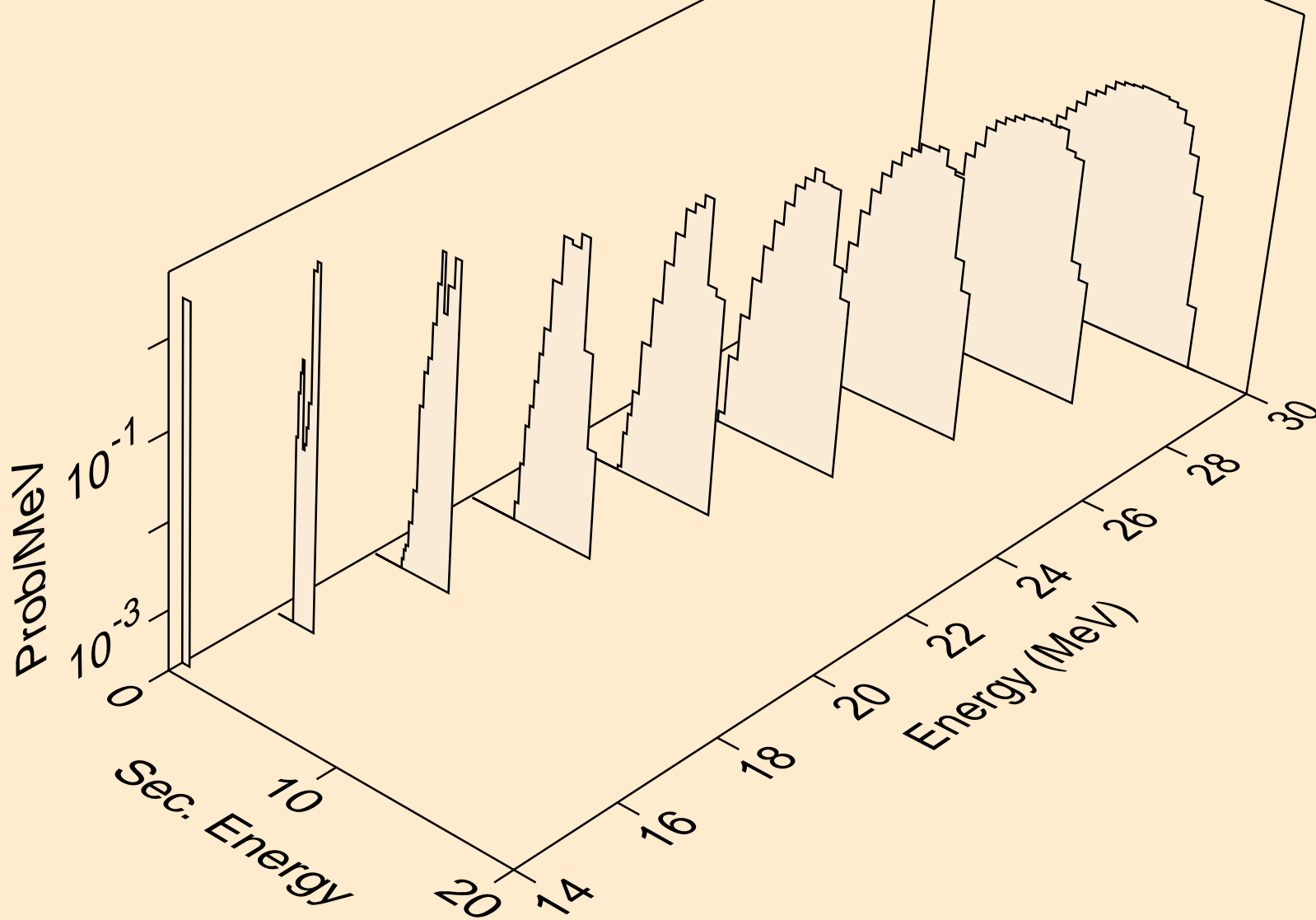
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



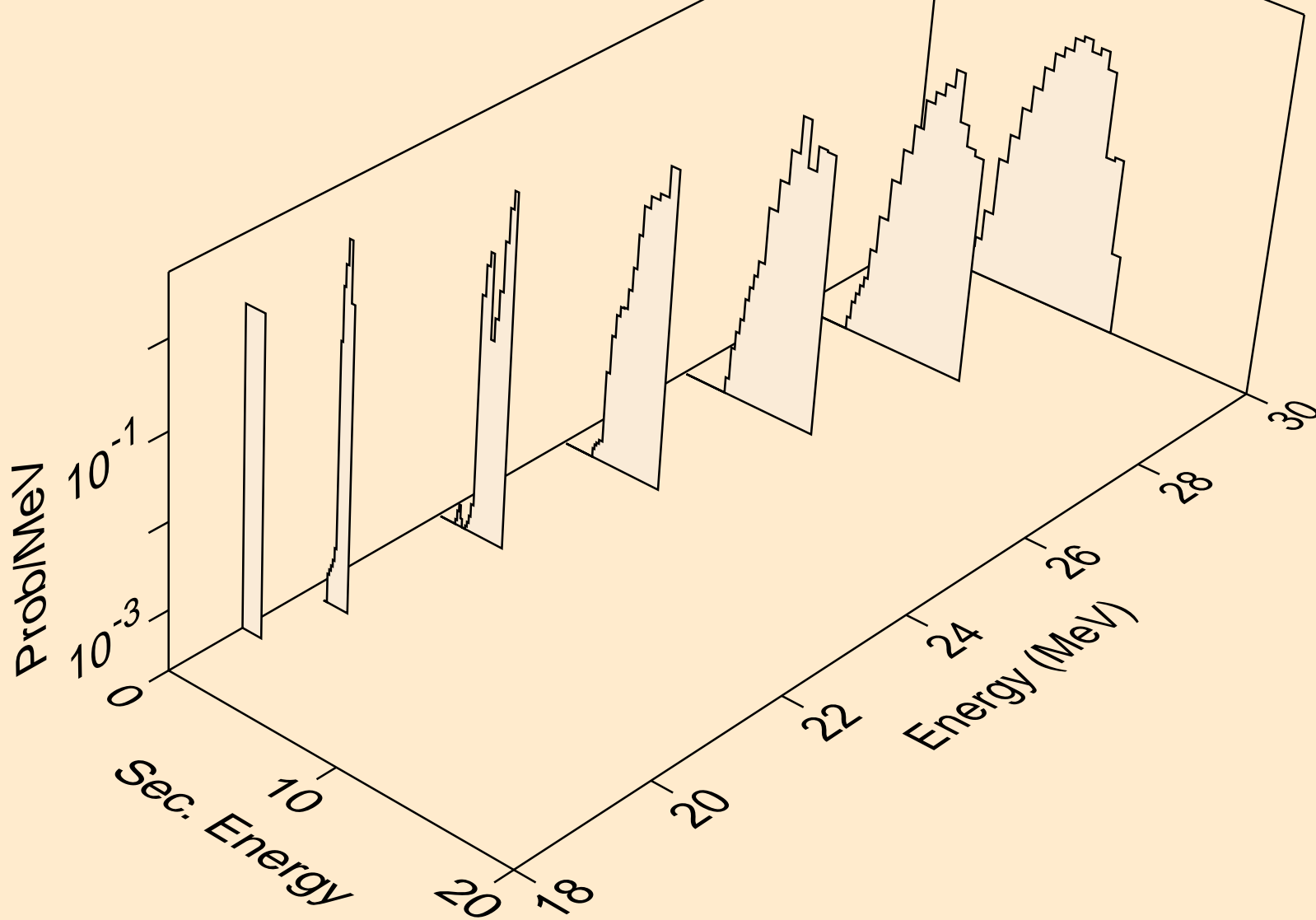
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

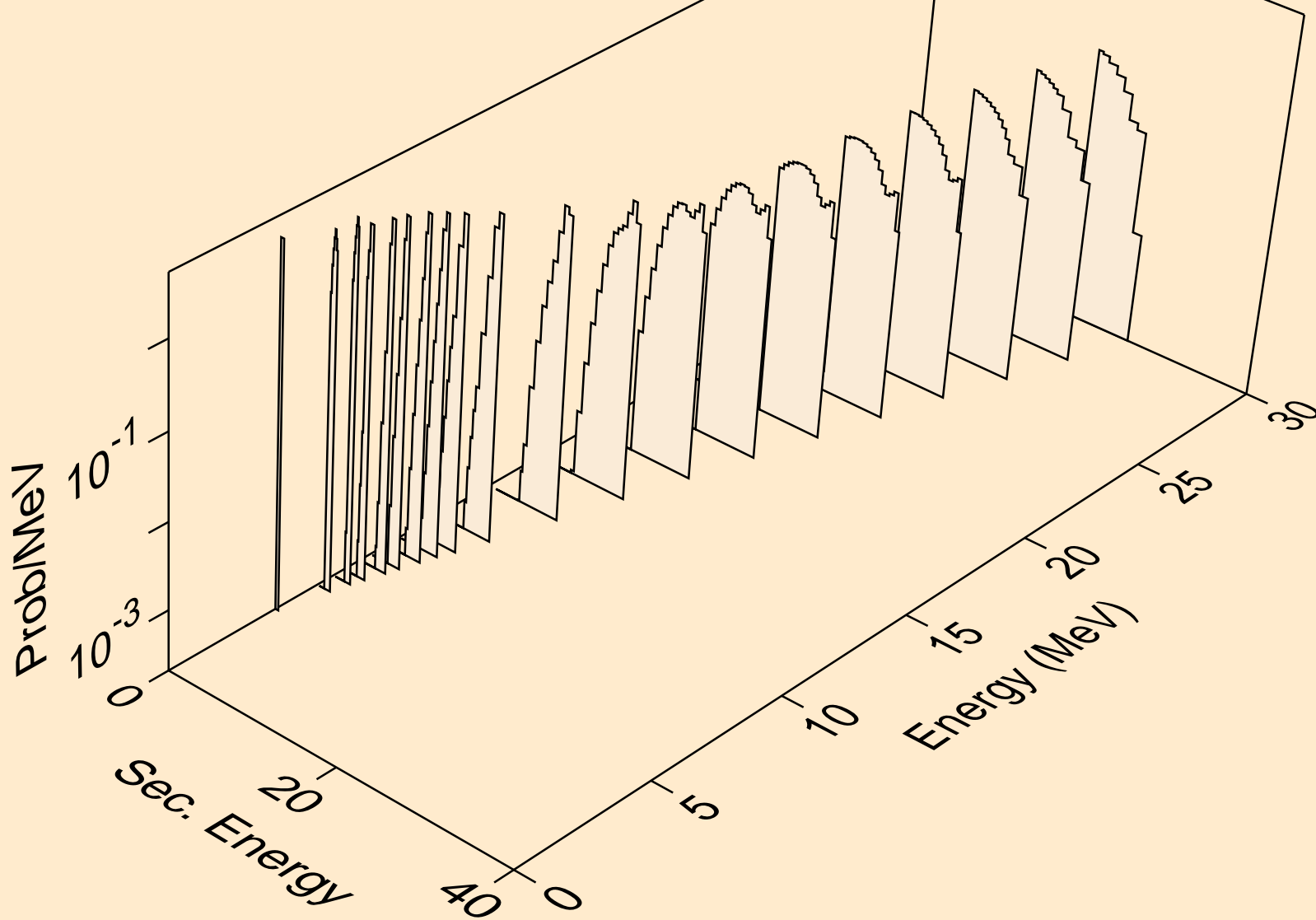


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

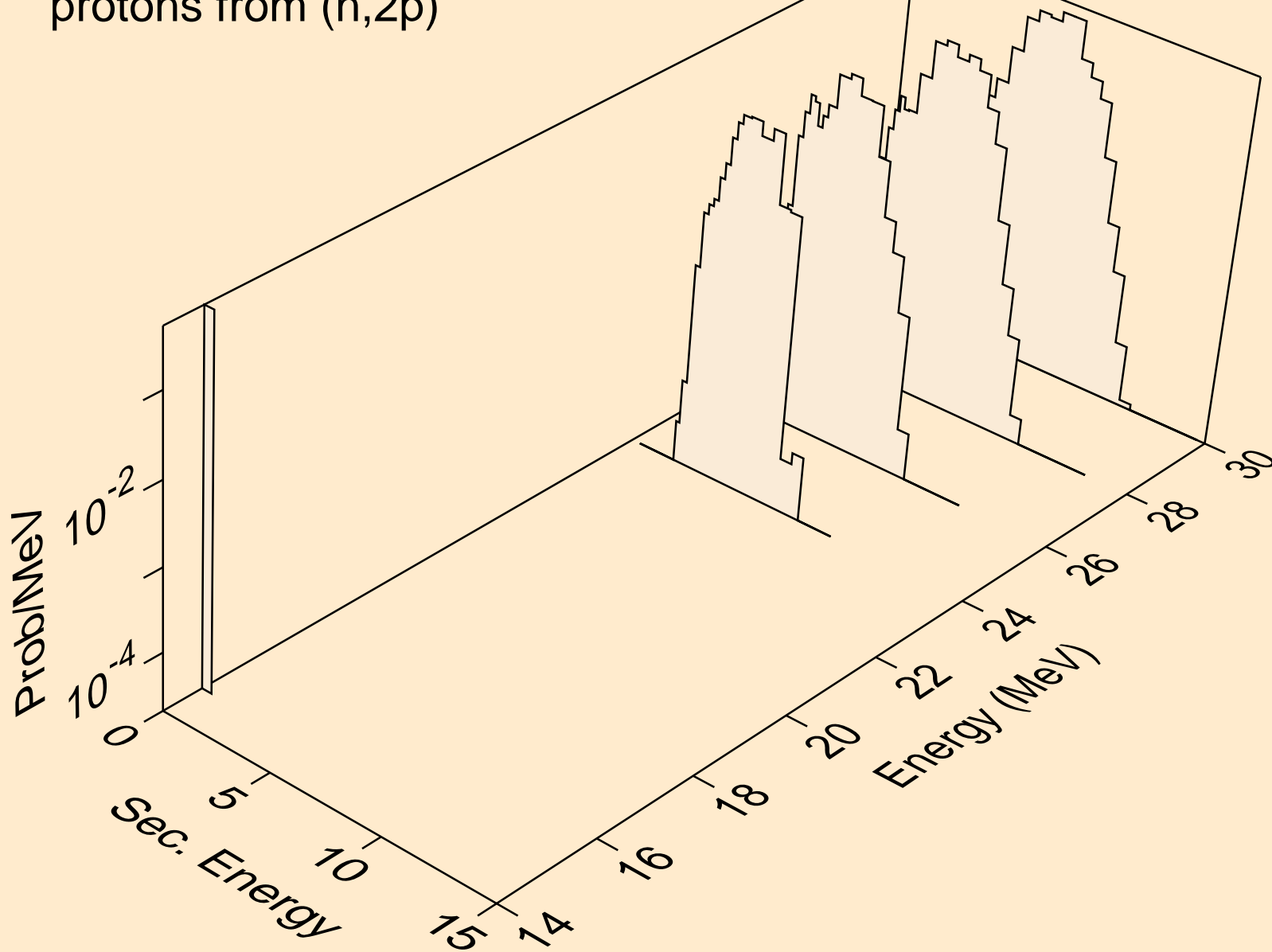




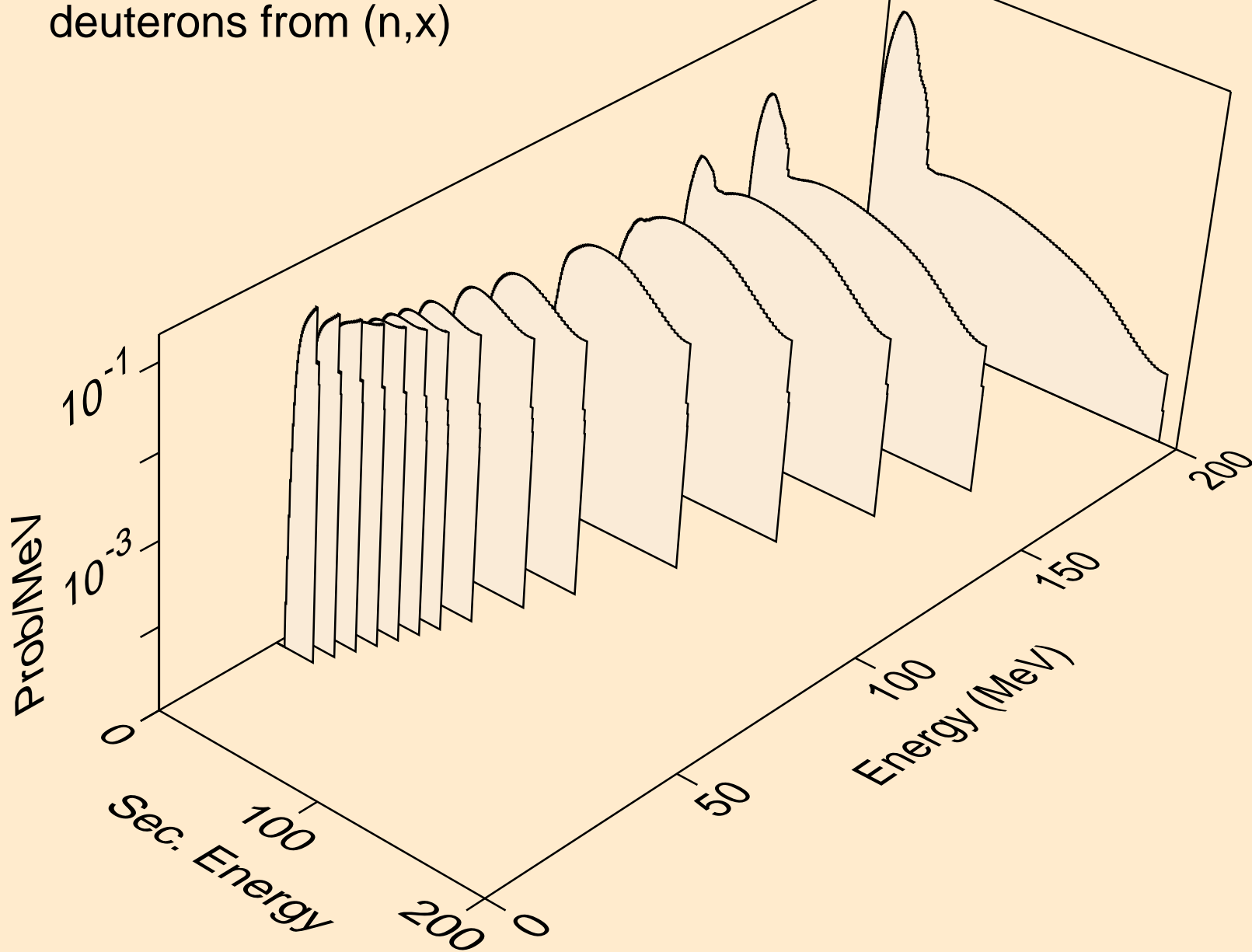
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



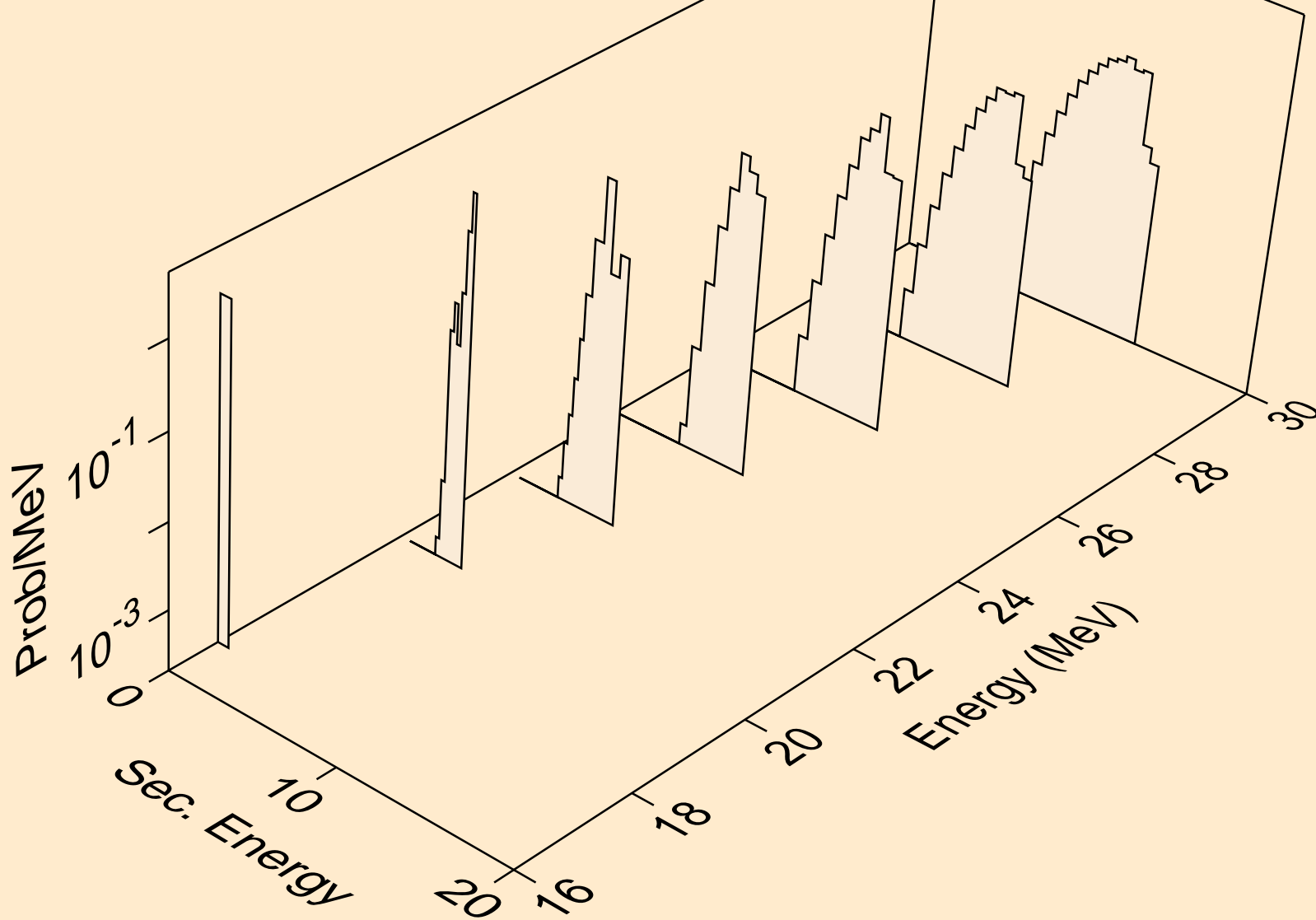
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protons from (n,2p)



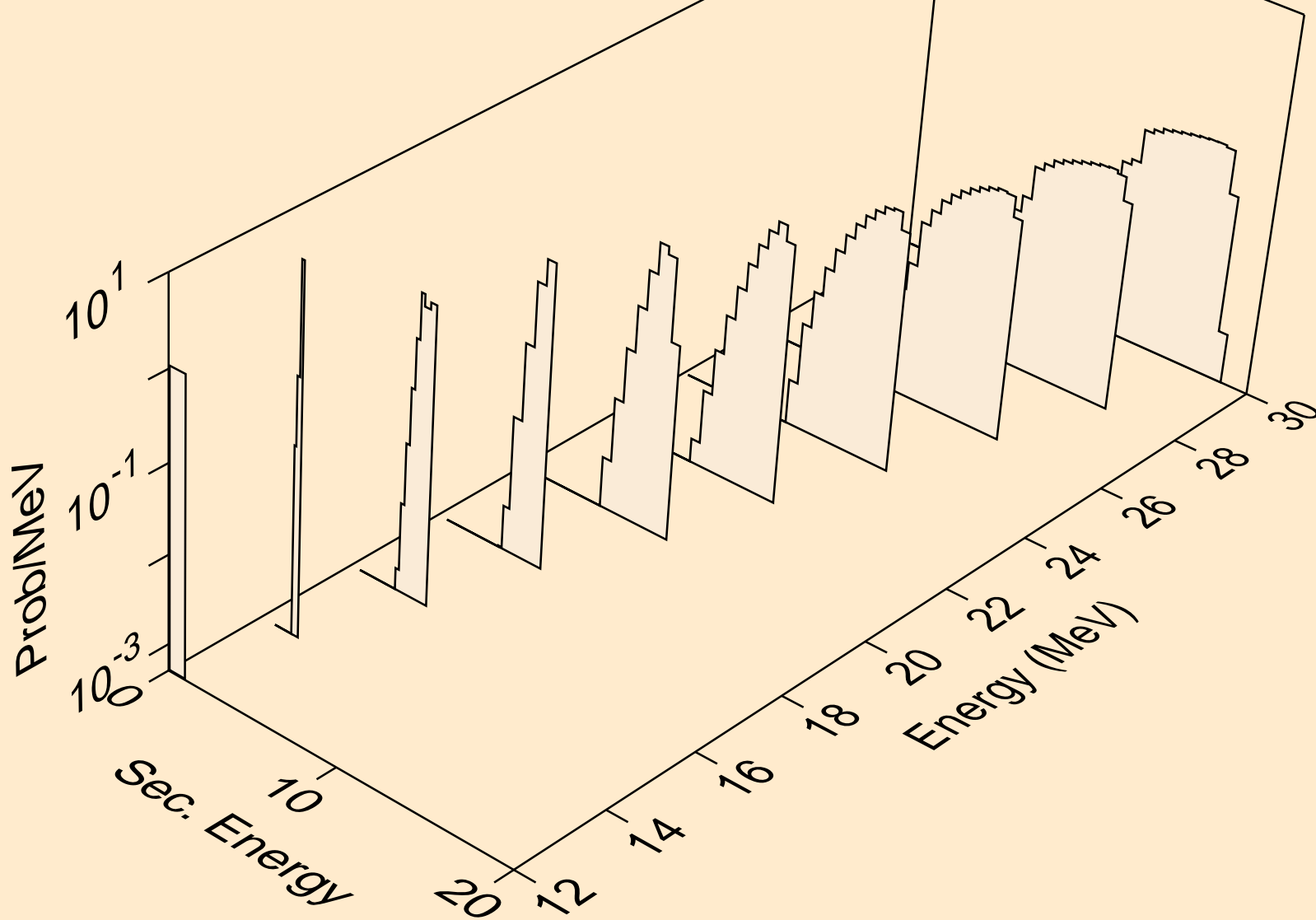
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deuterons from (n,x)



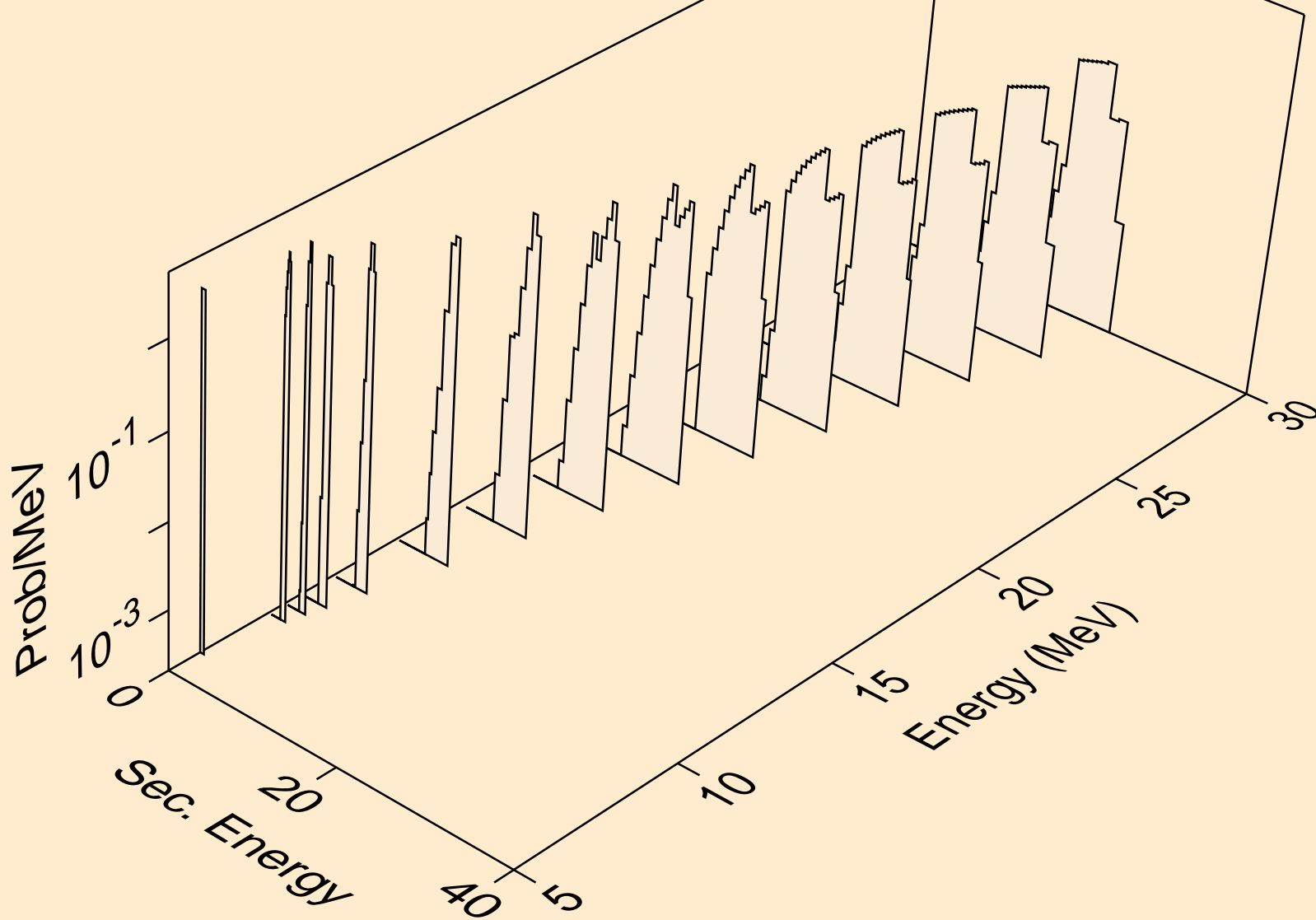
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deuterons from (n,2nd)



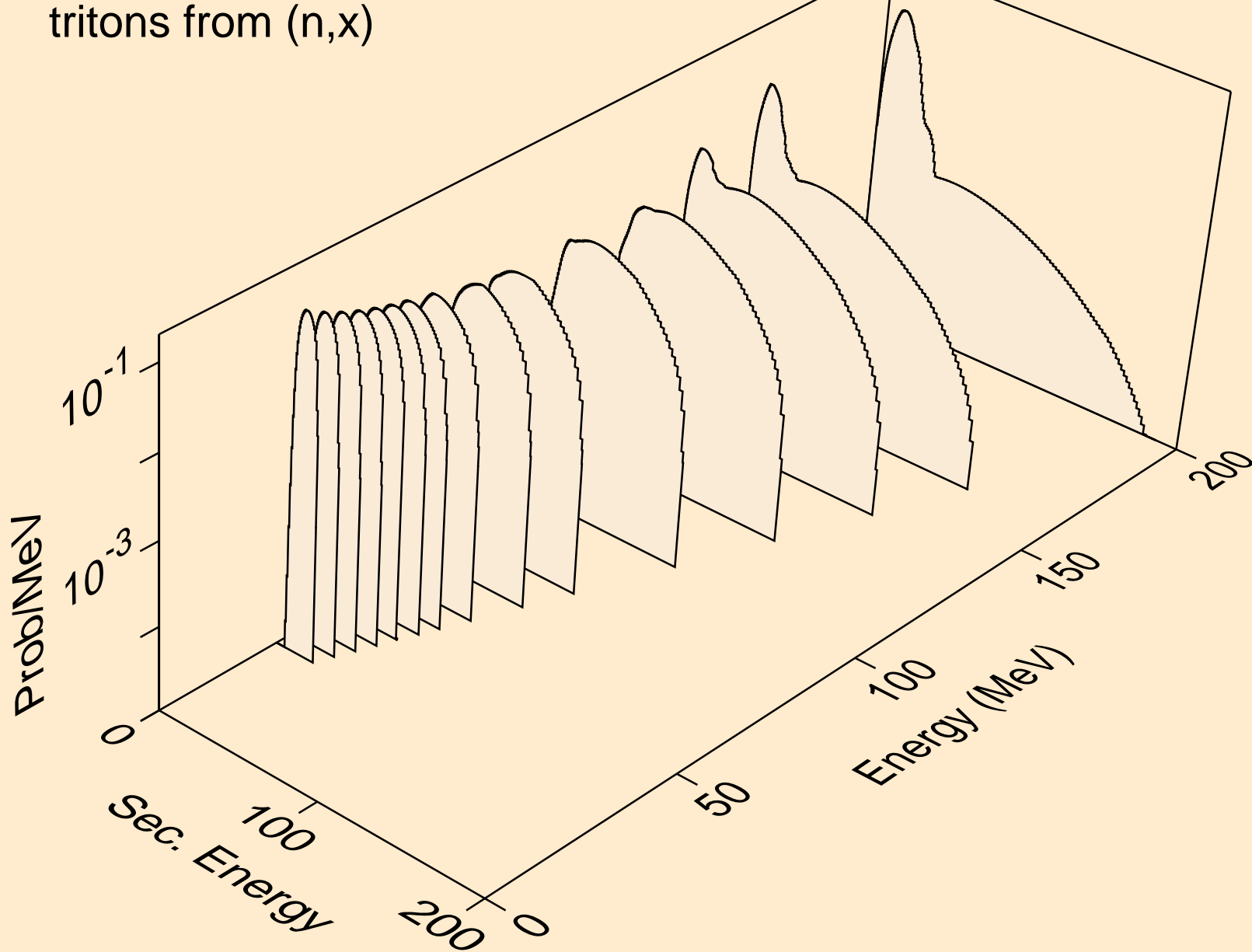
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



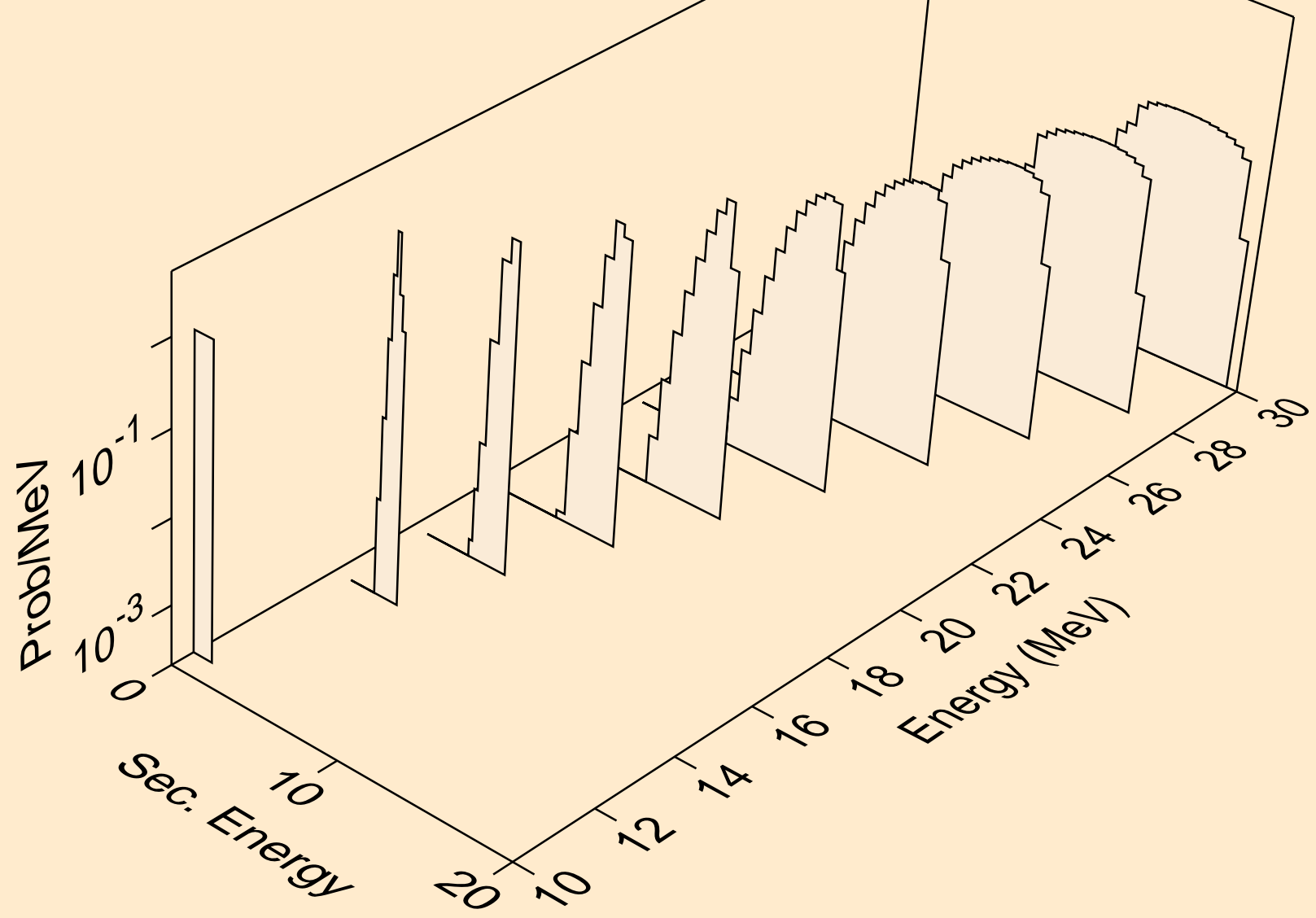
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

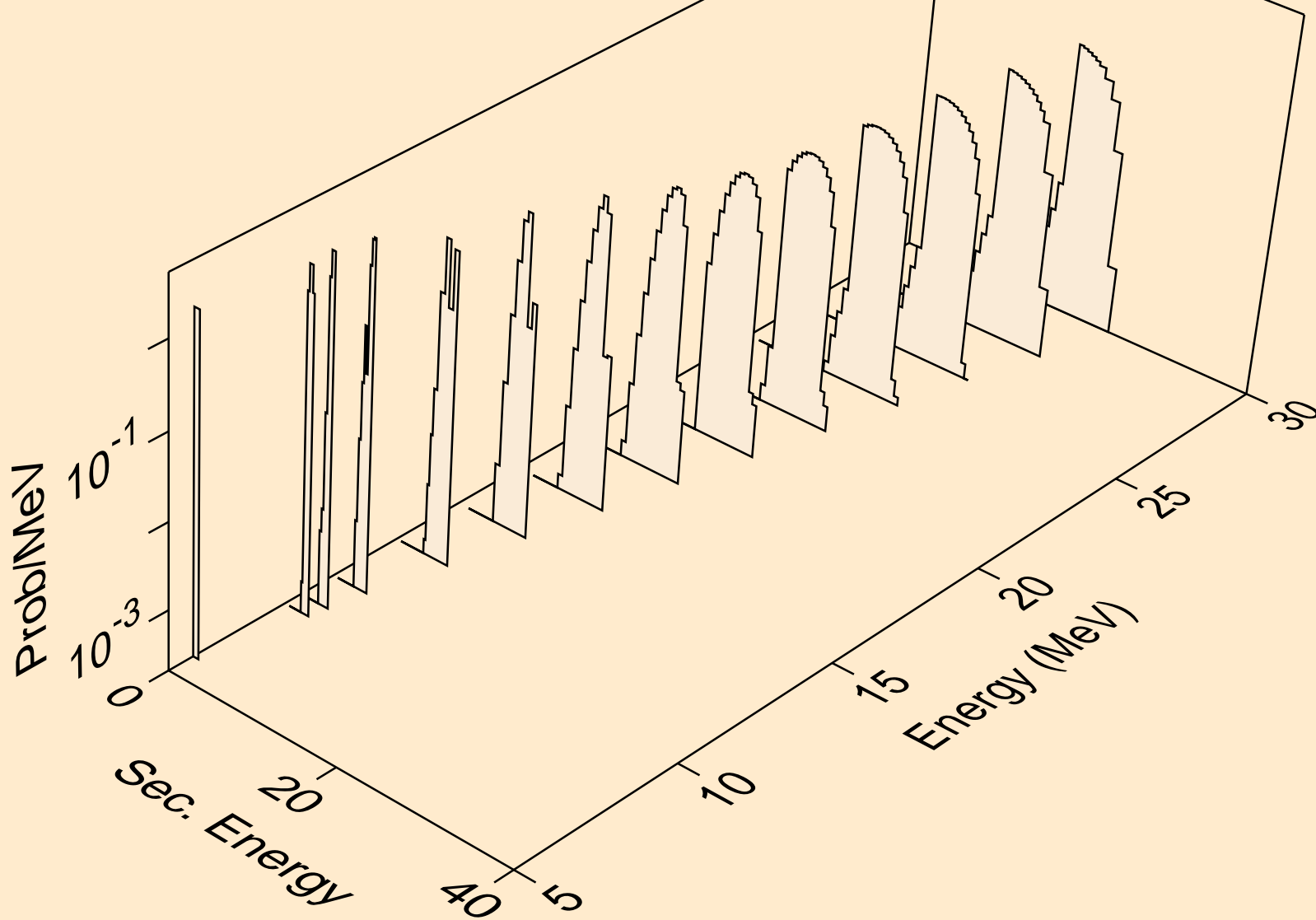


TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

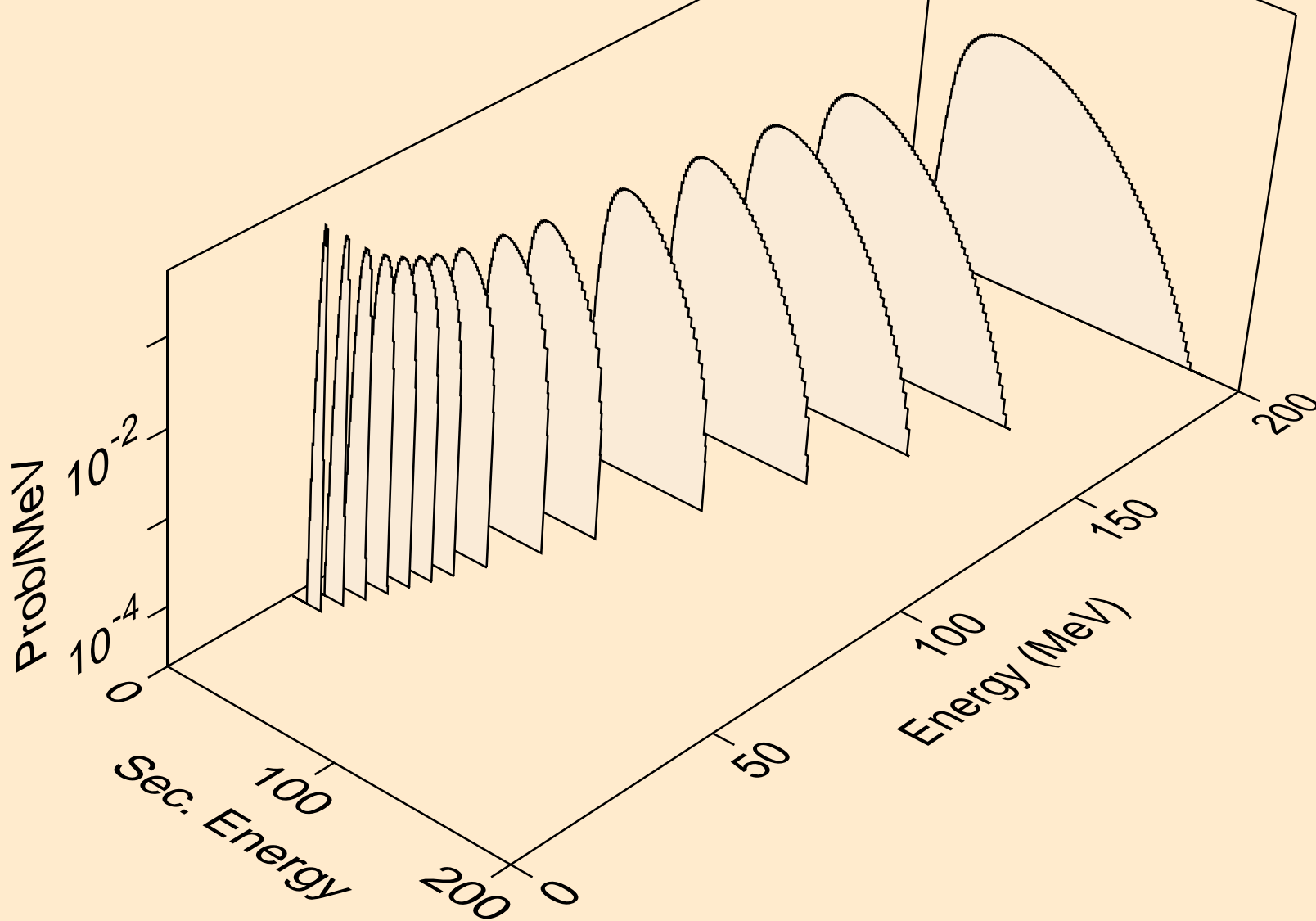




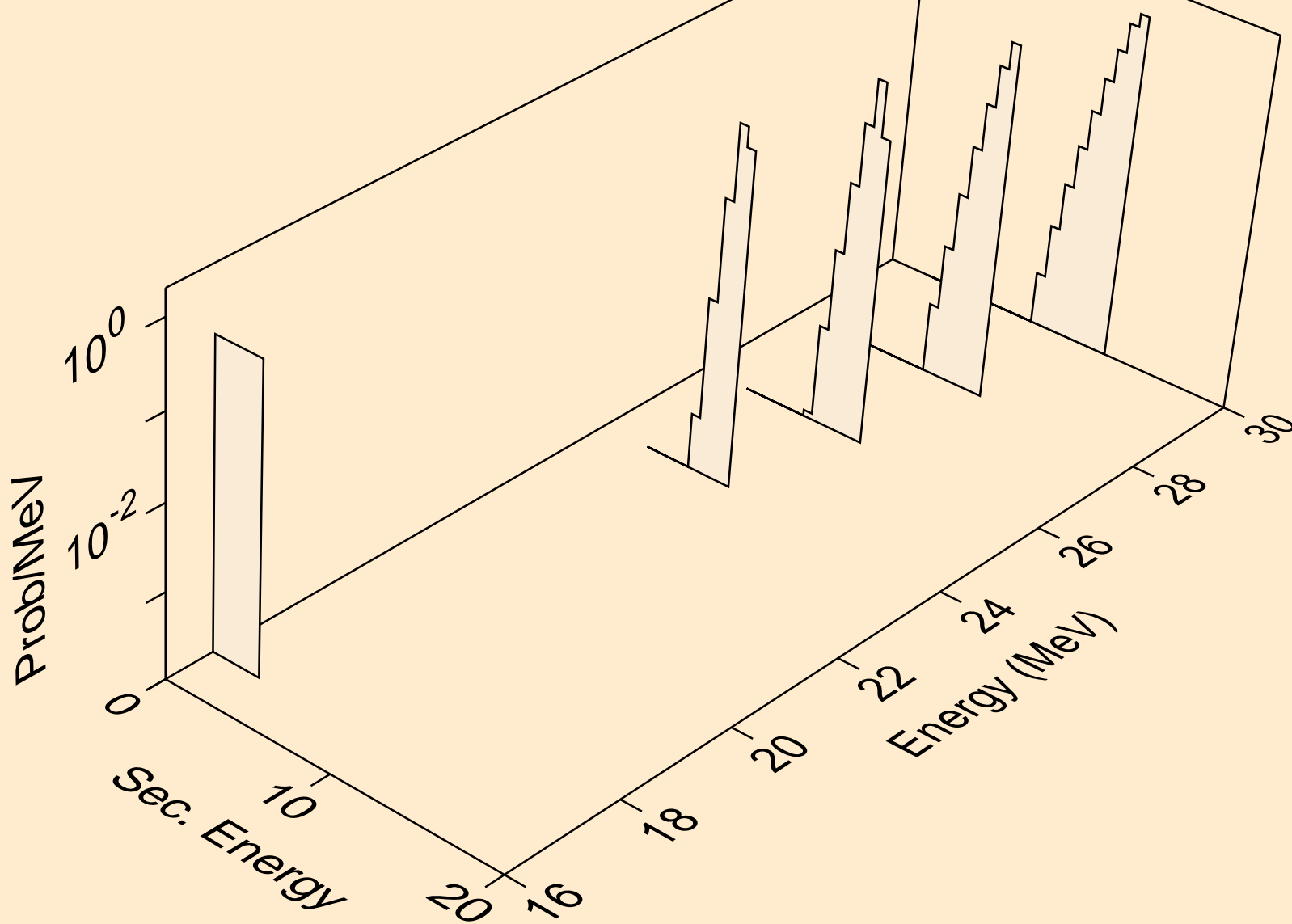
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tritons from (n,t)



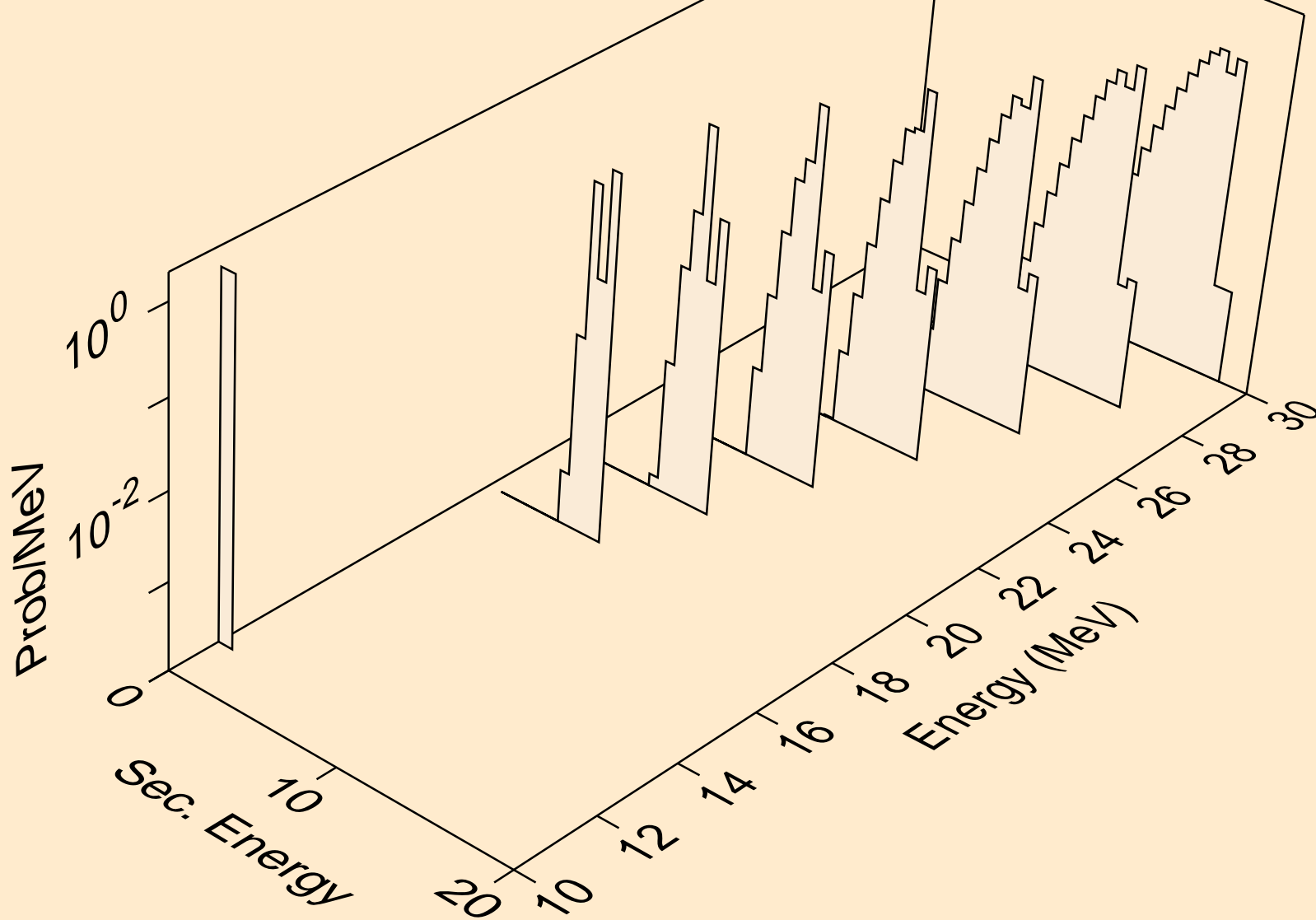
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he3s from (n,x)



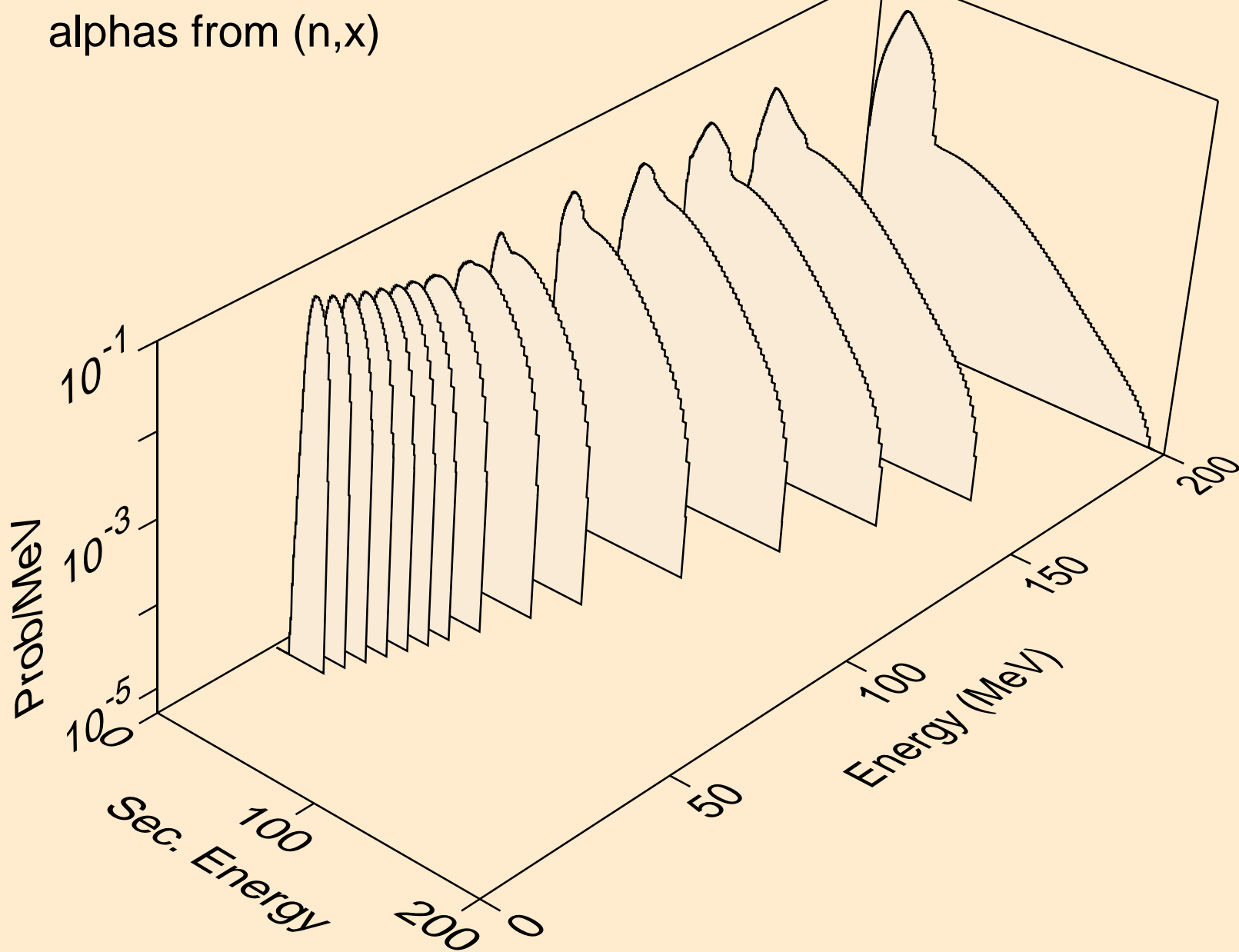
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he3s from (n,n\*)he3



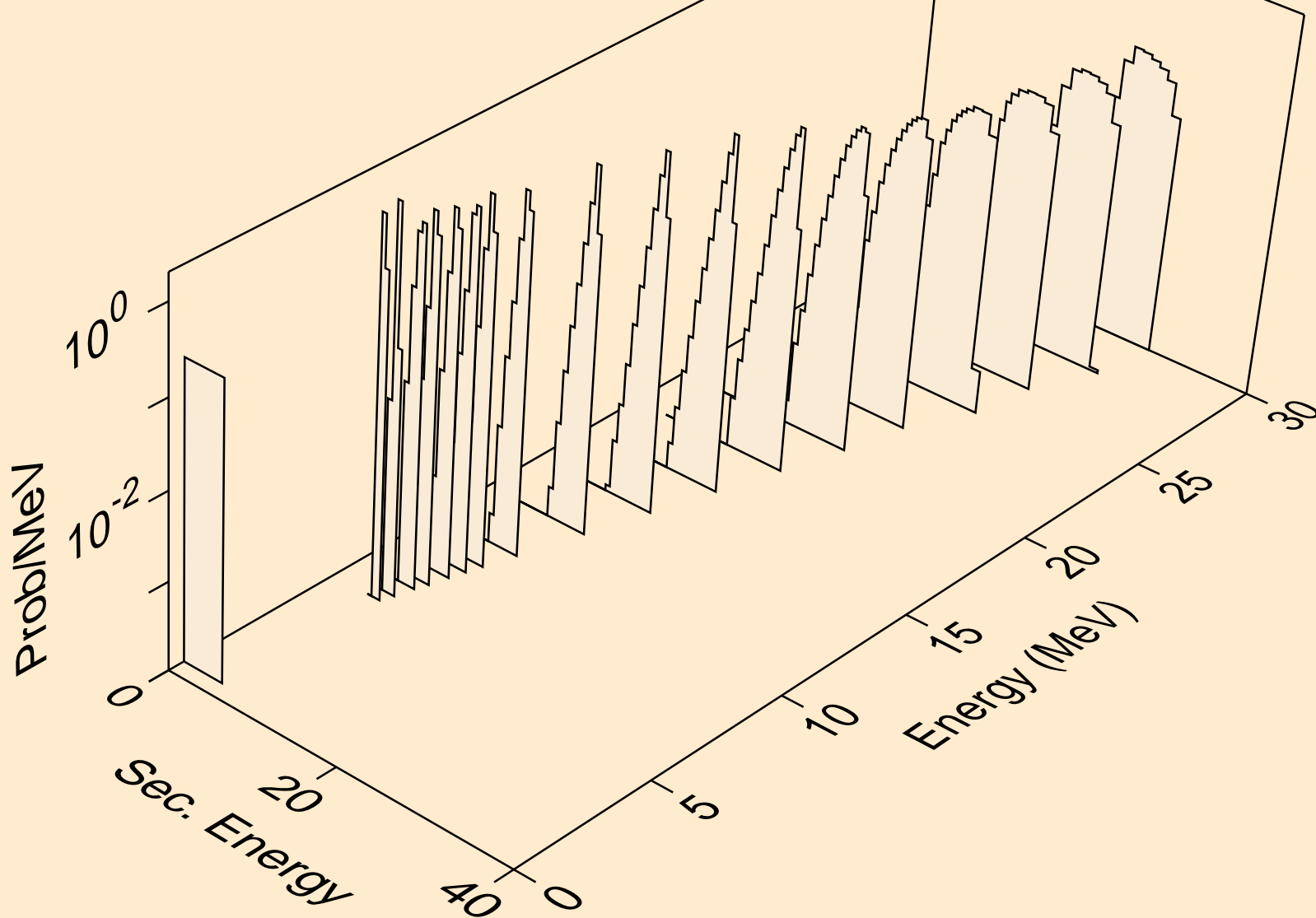
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he3s from (n,he3)



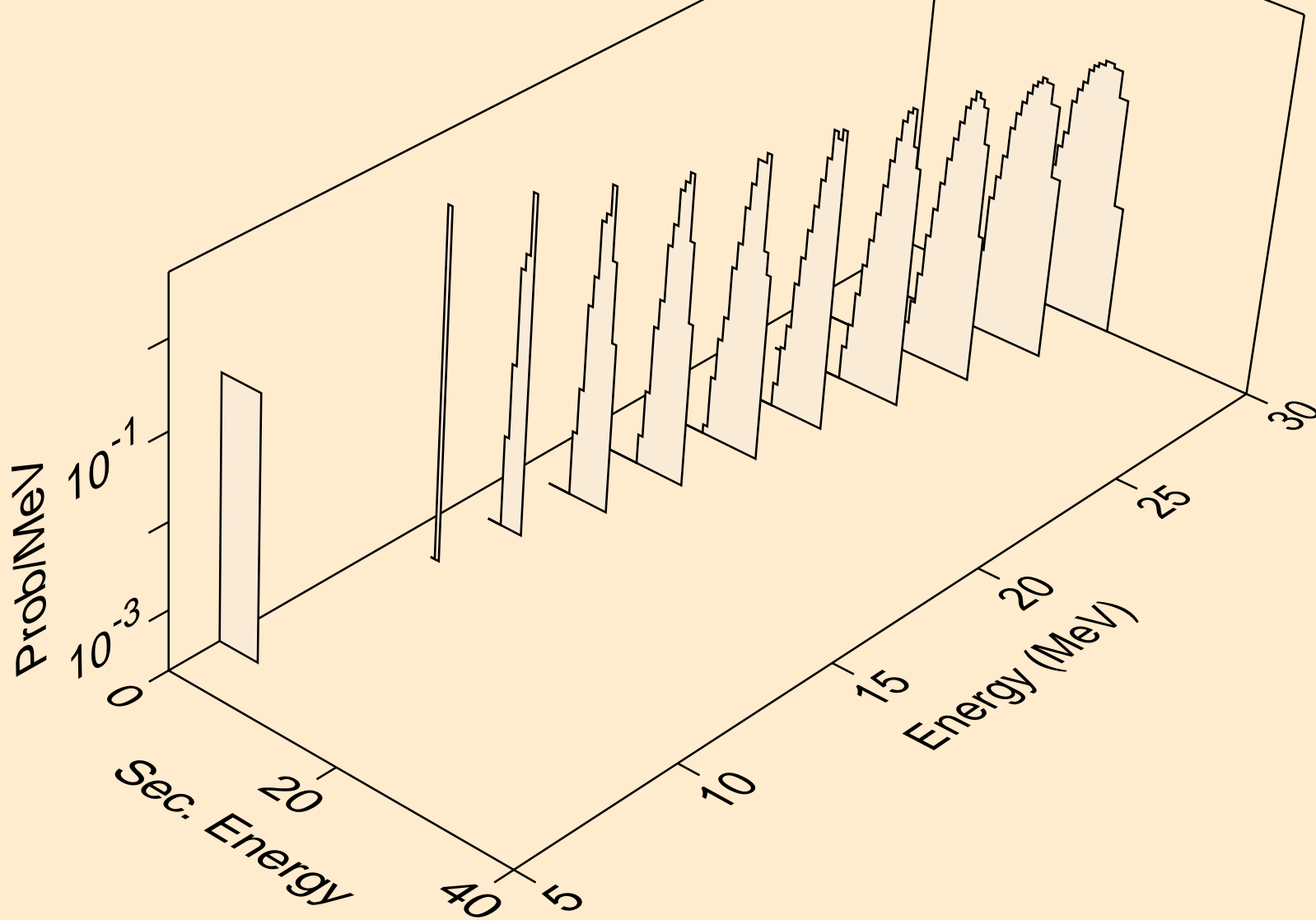
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



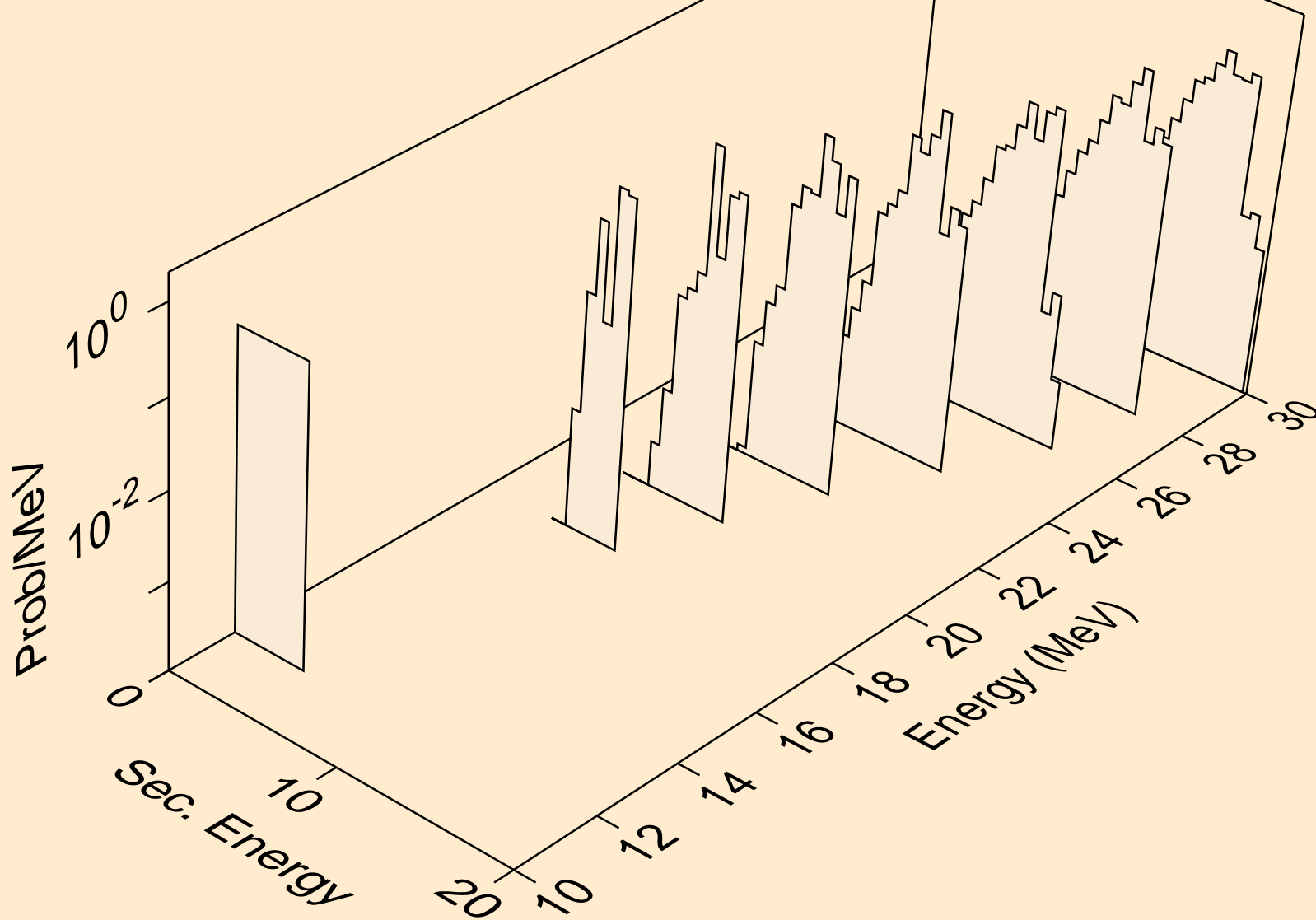
TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a





TM177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

