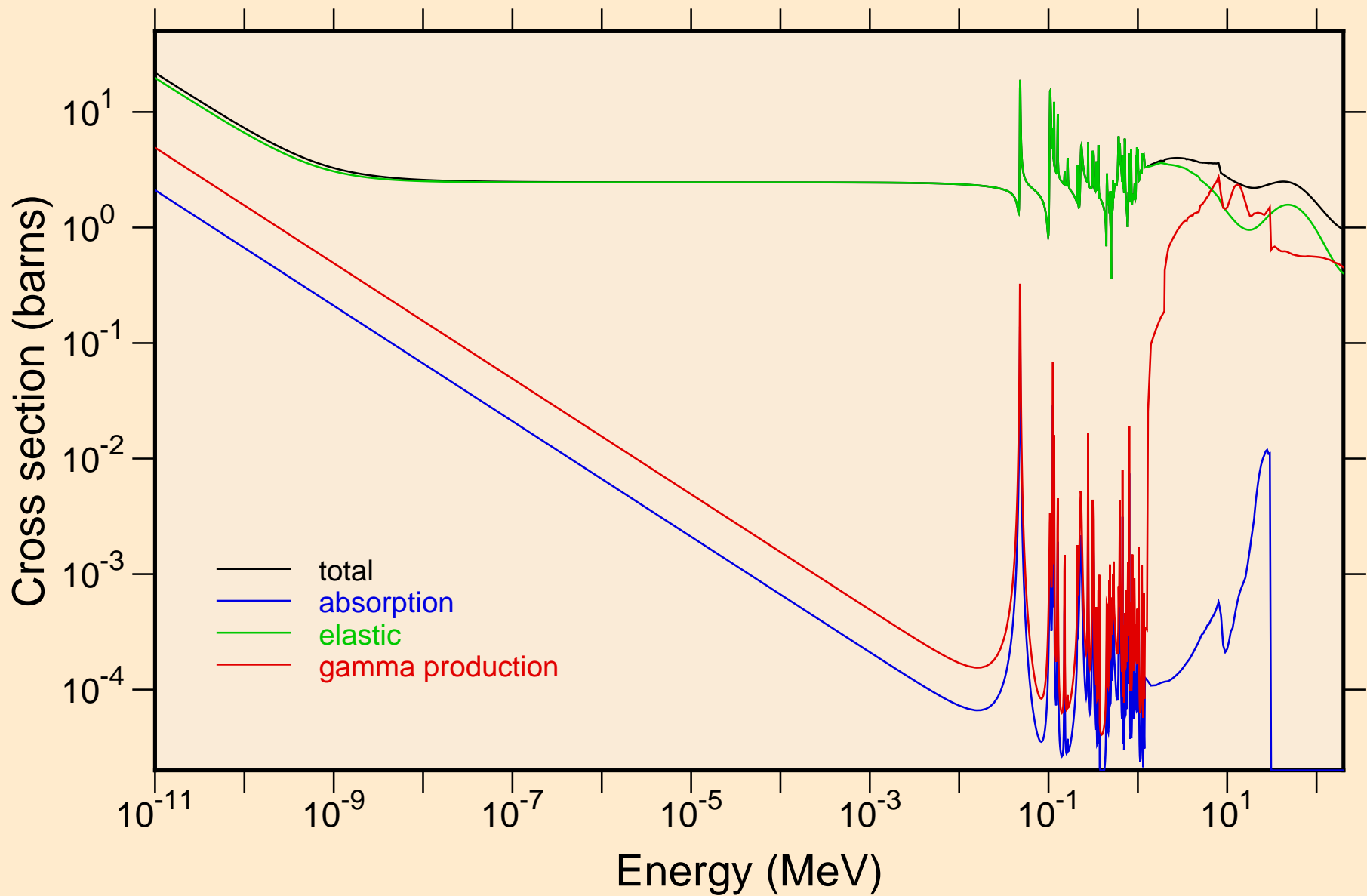
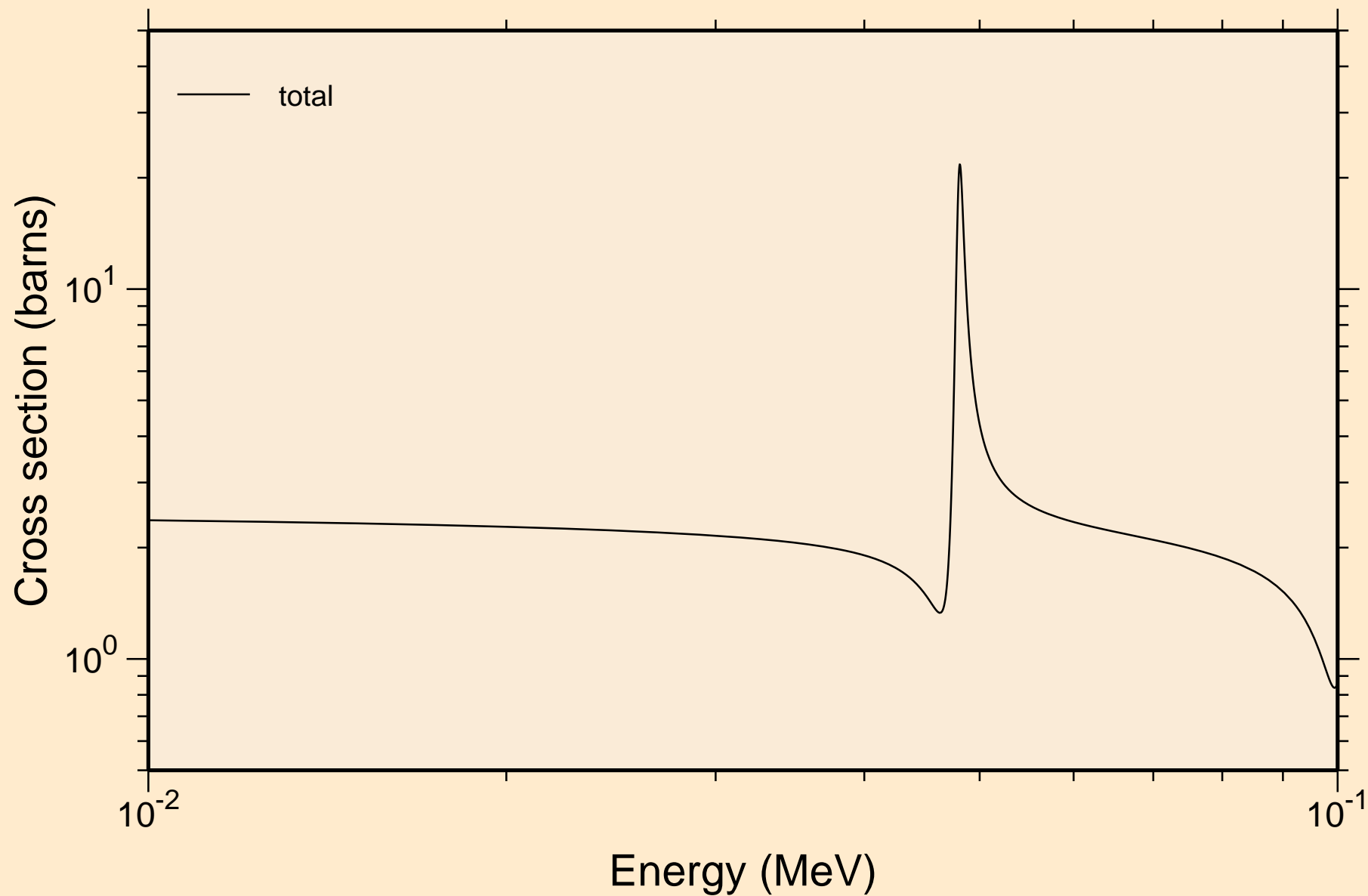


# CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

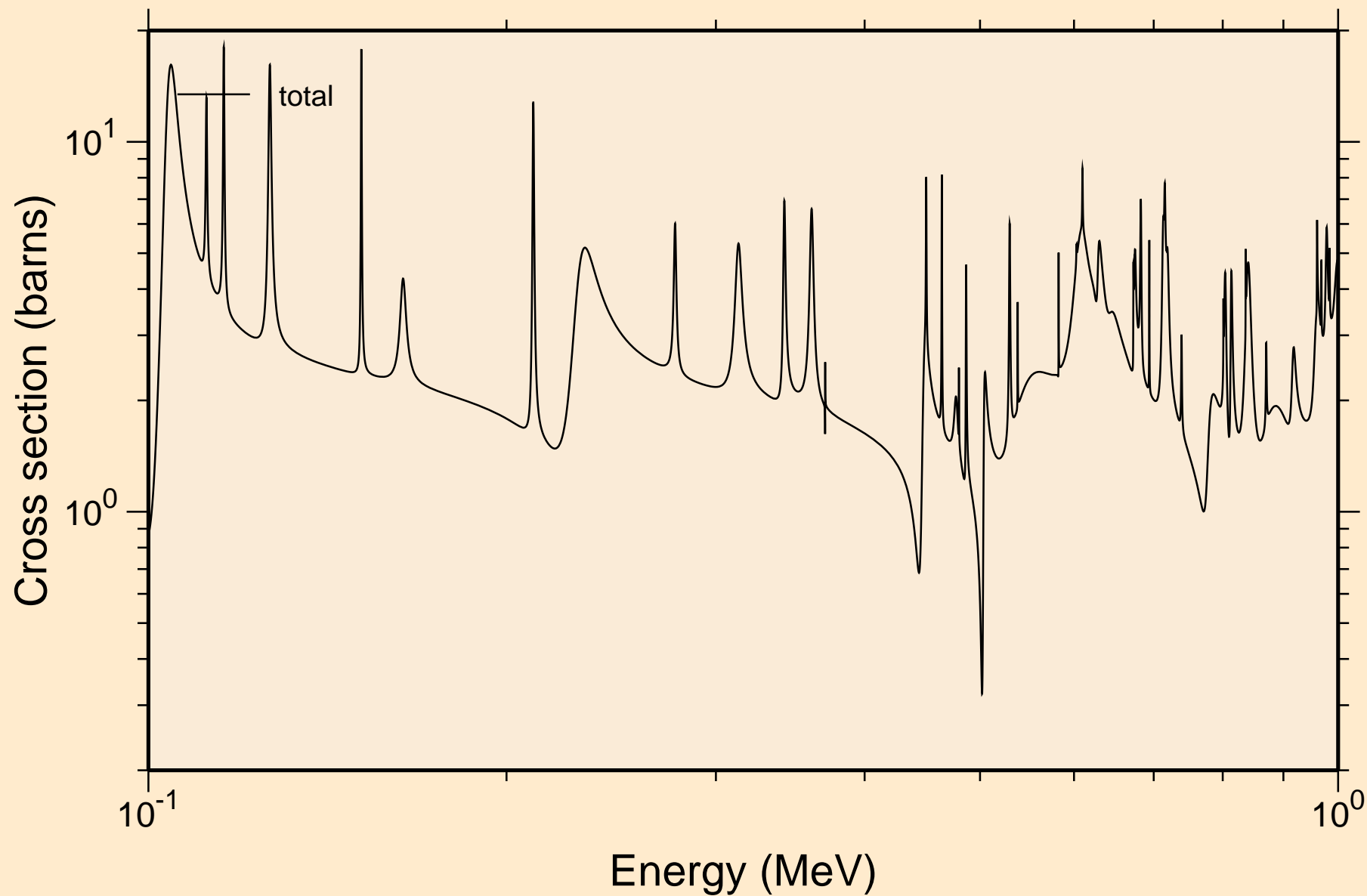
## Principal cross sections



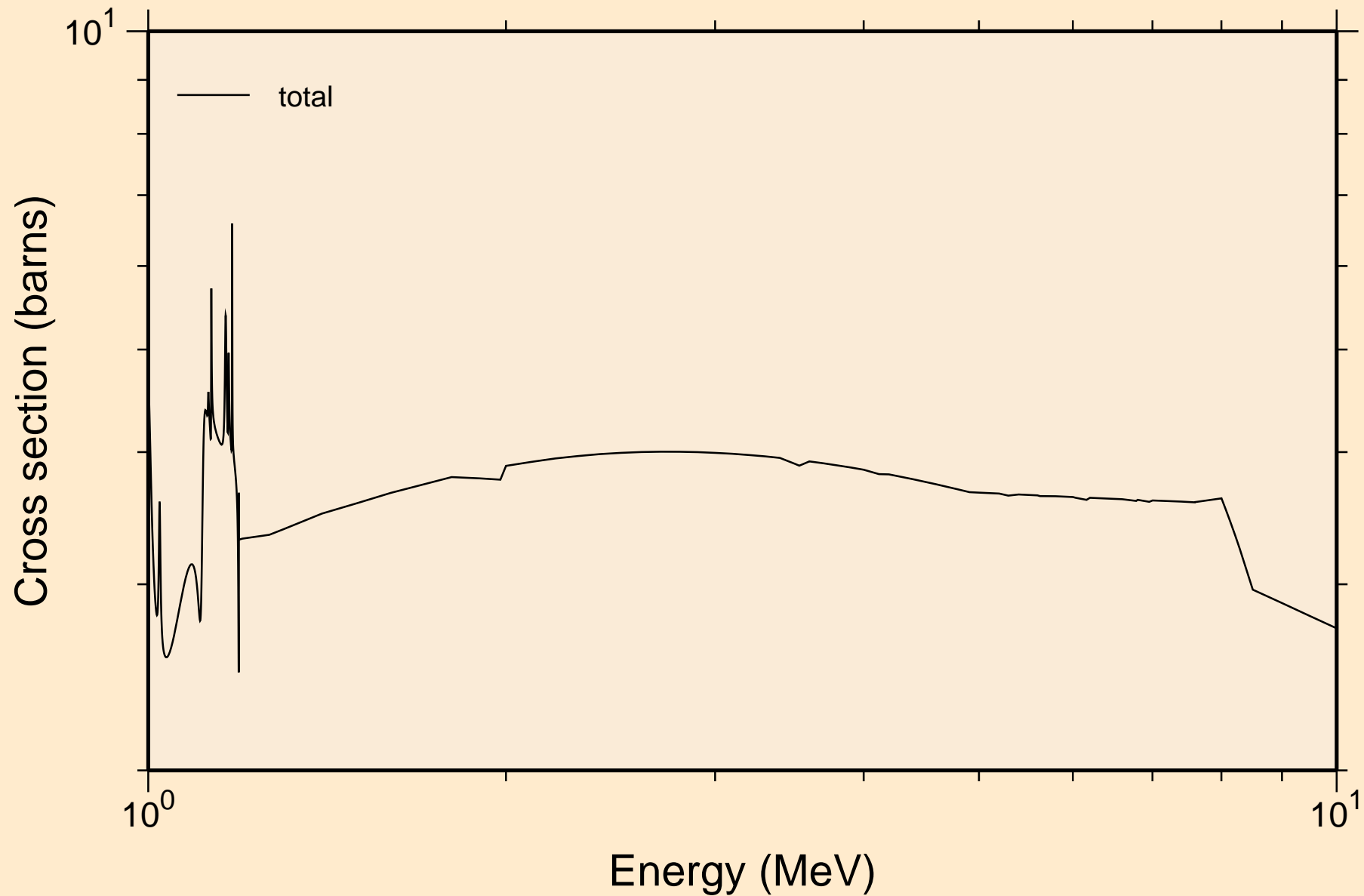
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resonance total cross section



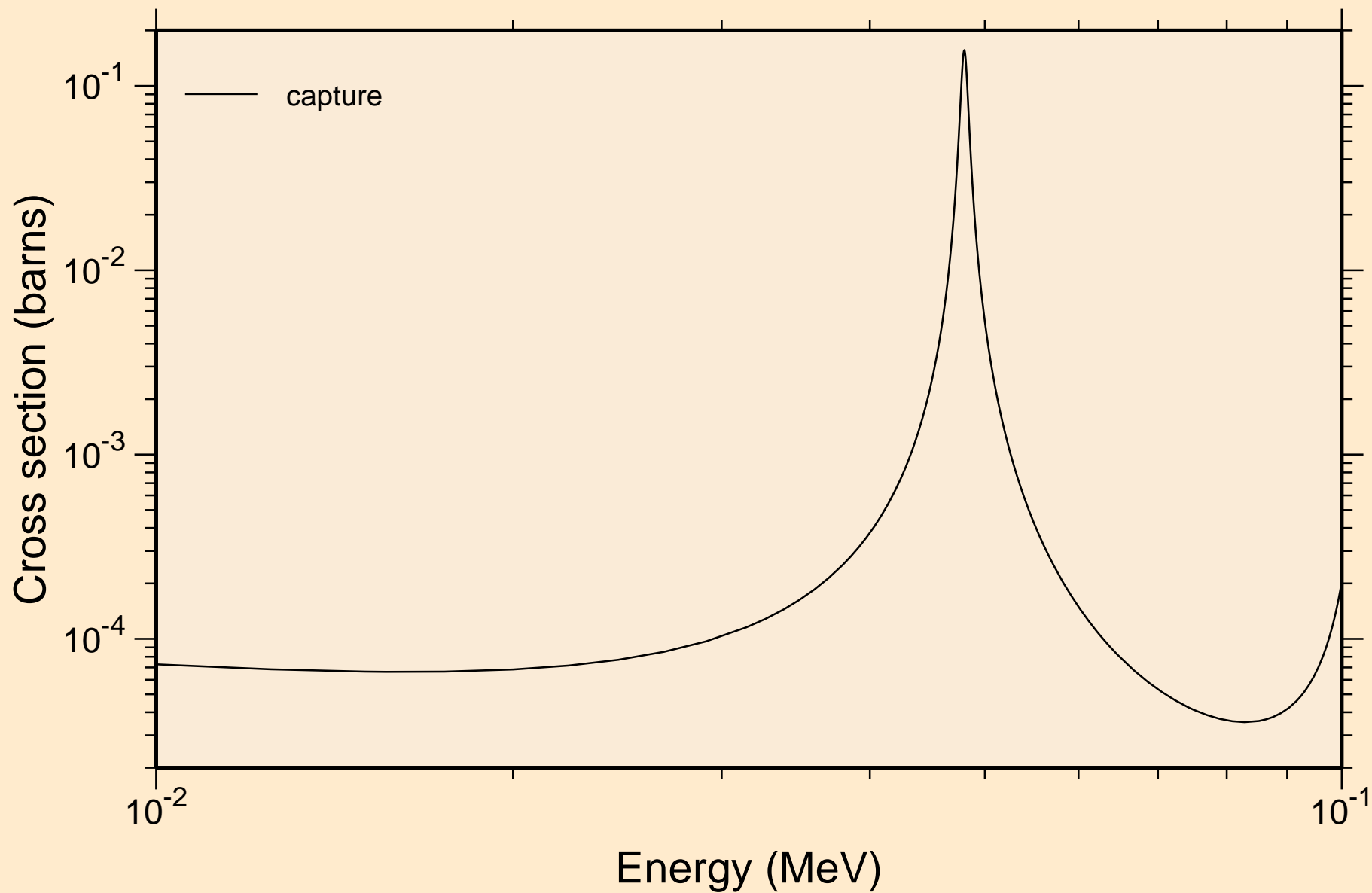
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resonance total cross section



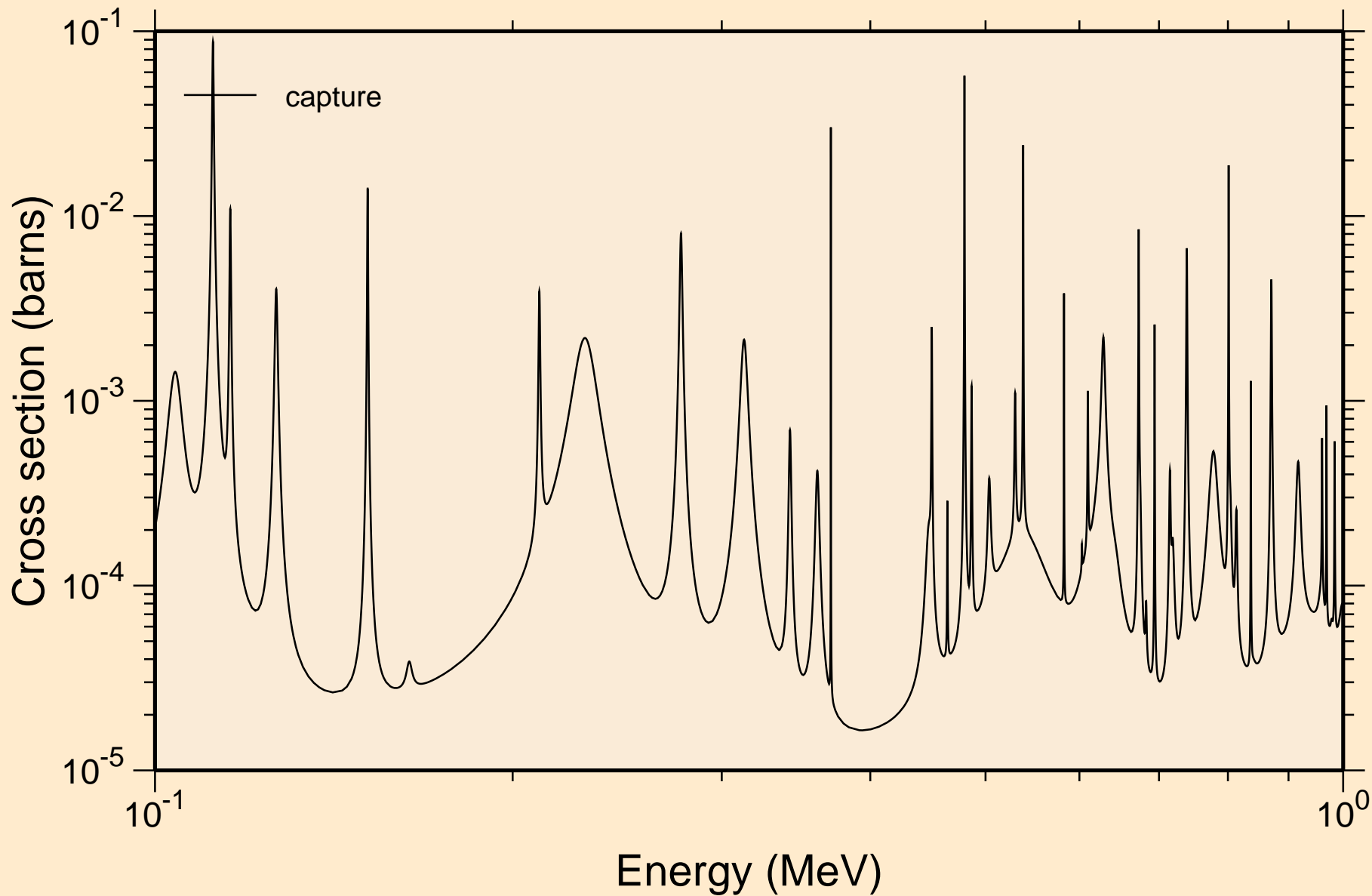
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



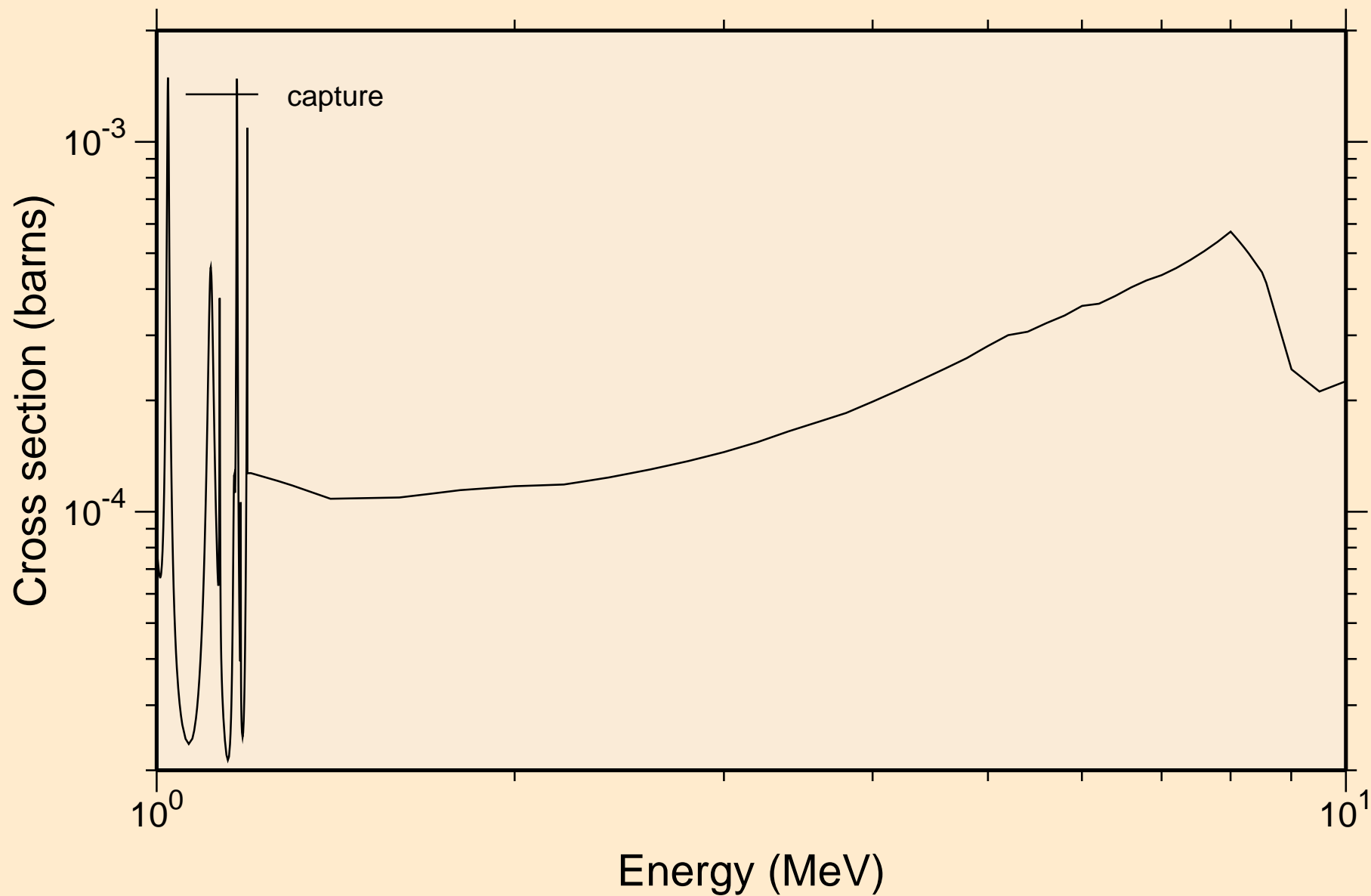
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



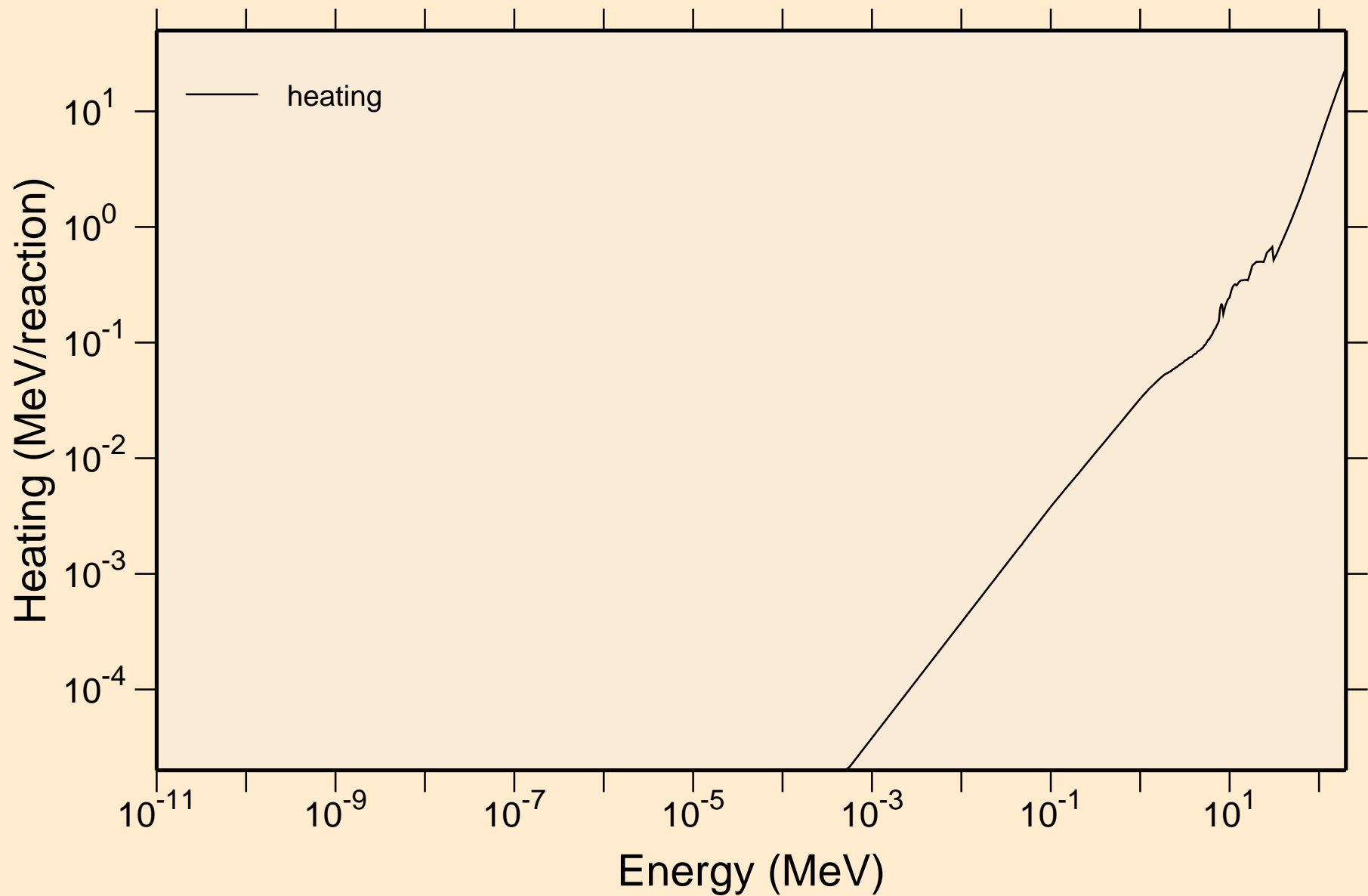
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

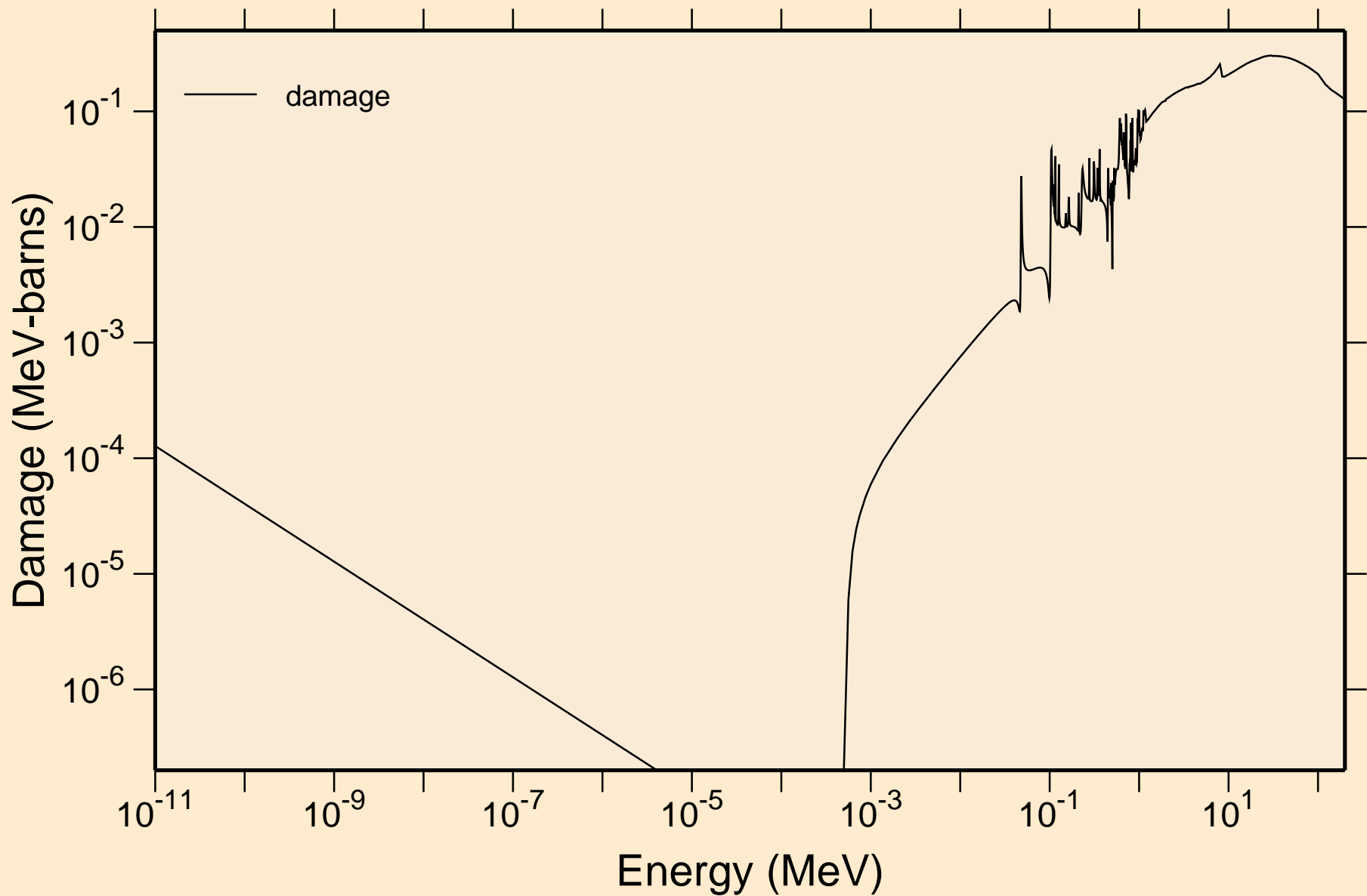


CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

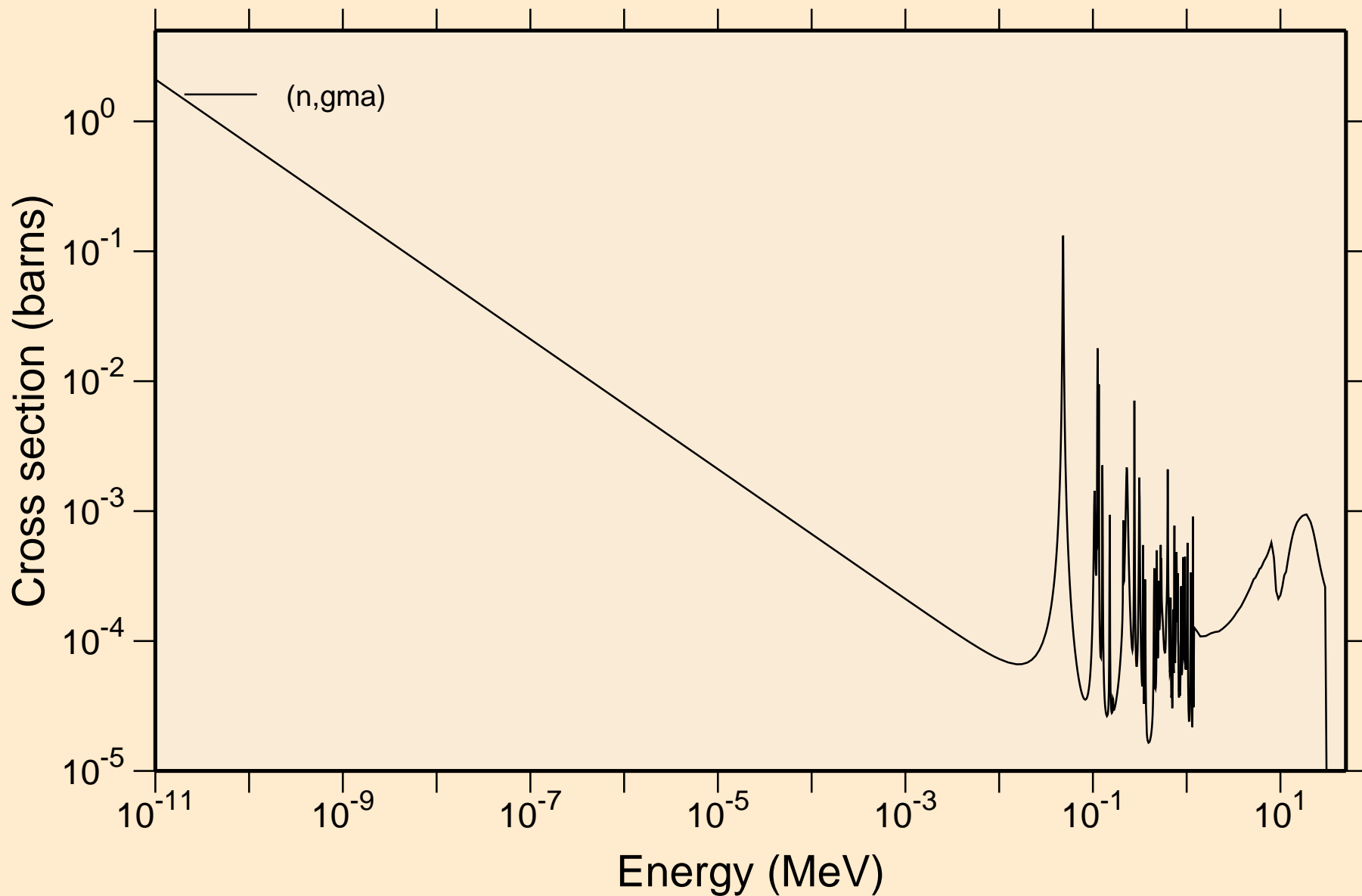




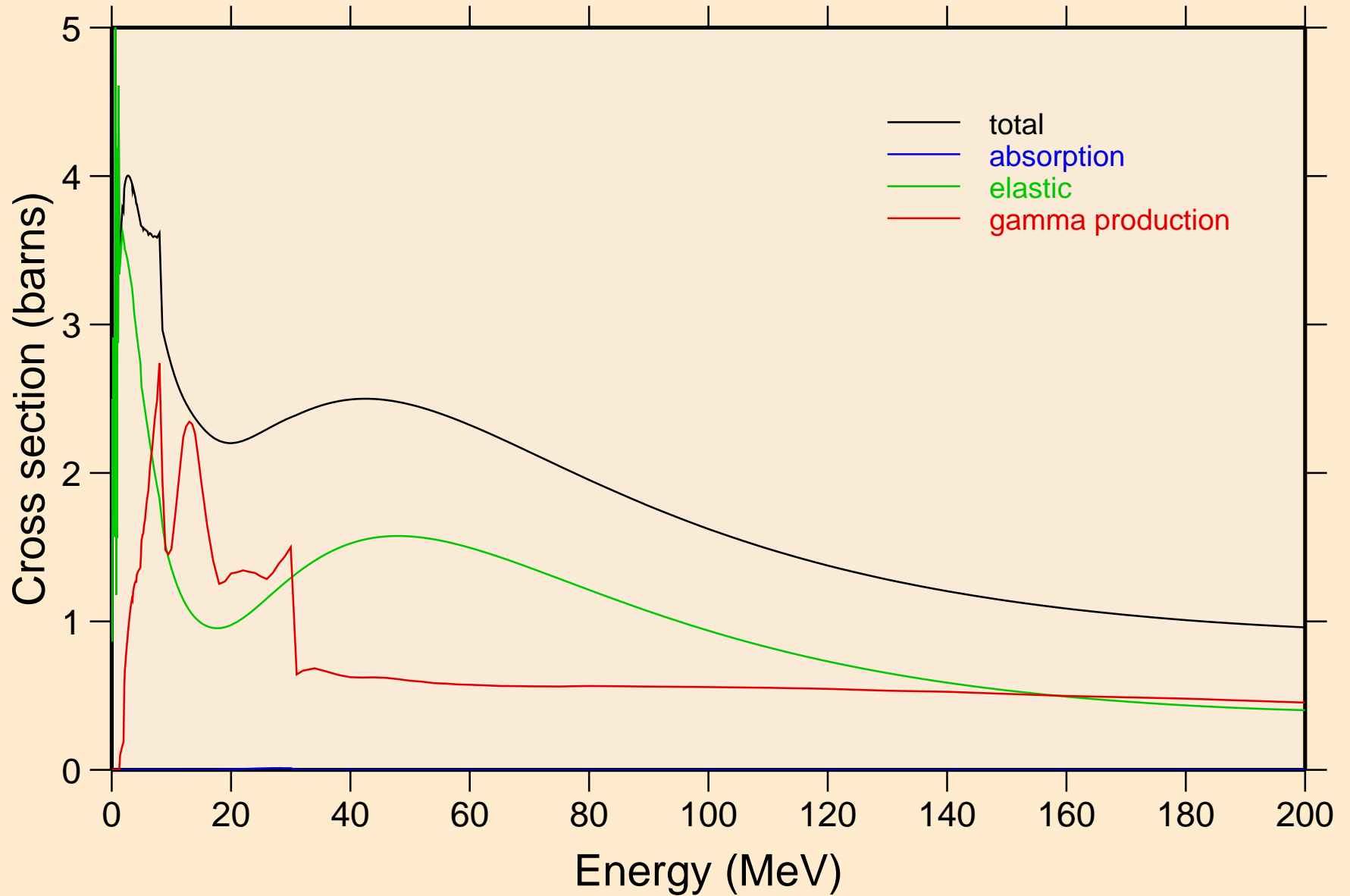
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Damage



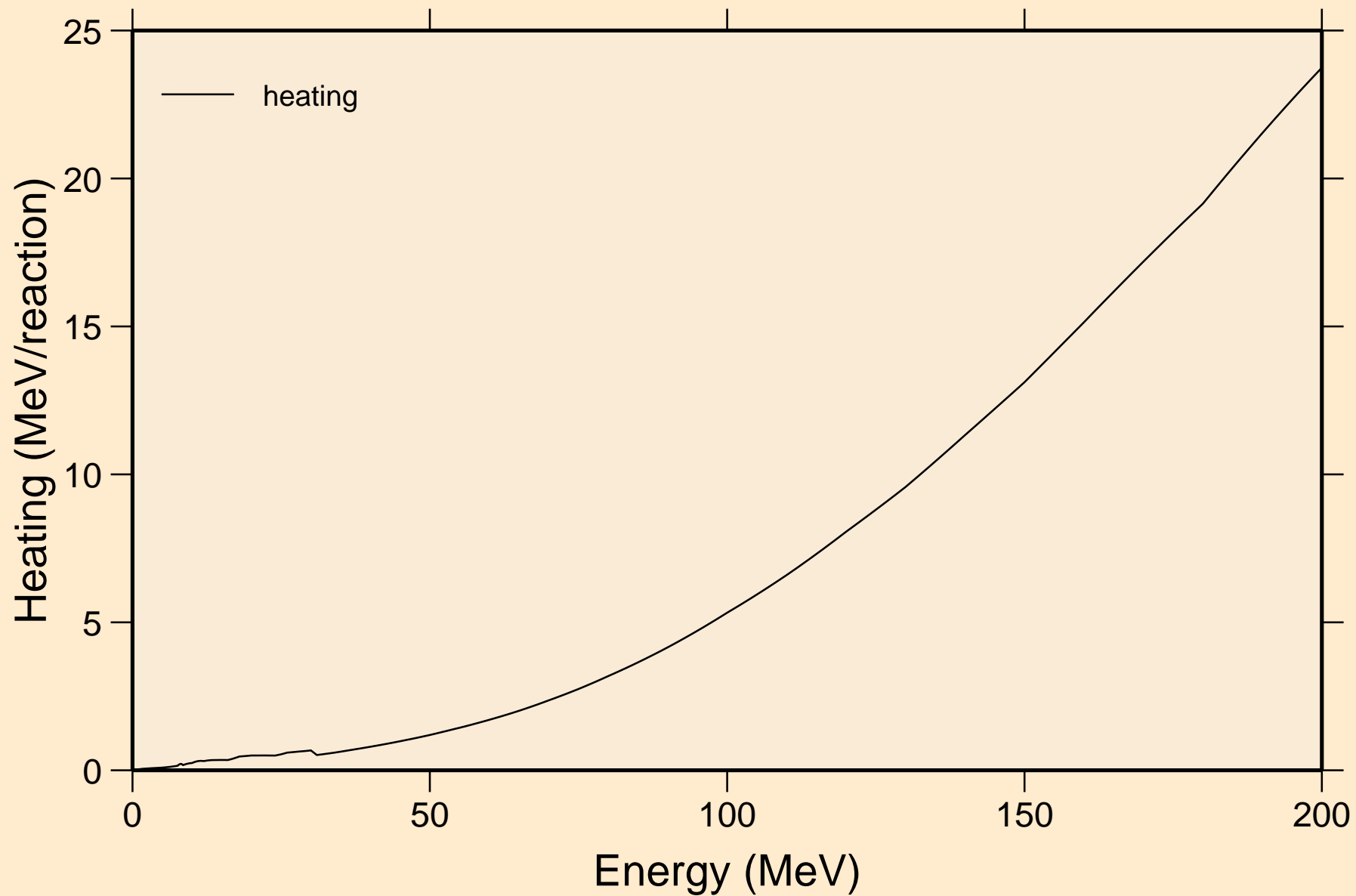
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Non-threshold reactions



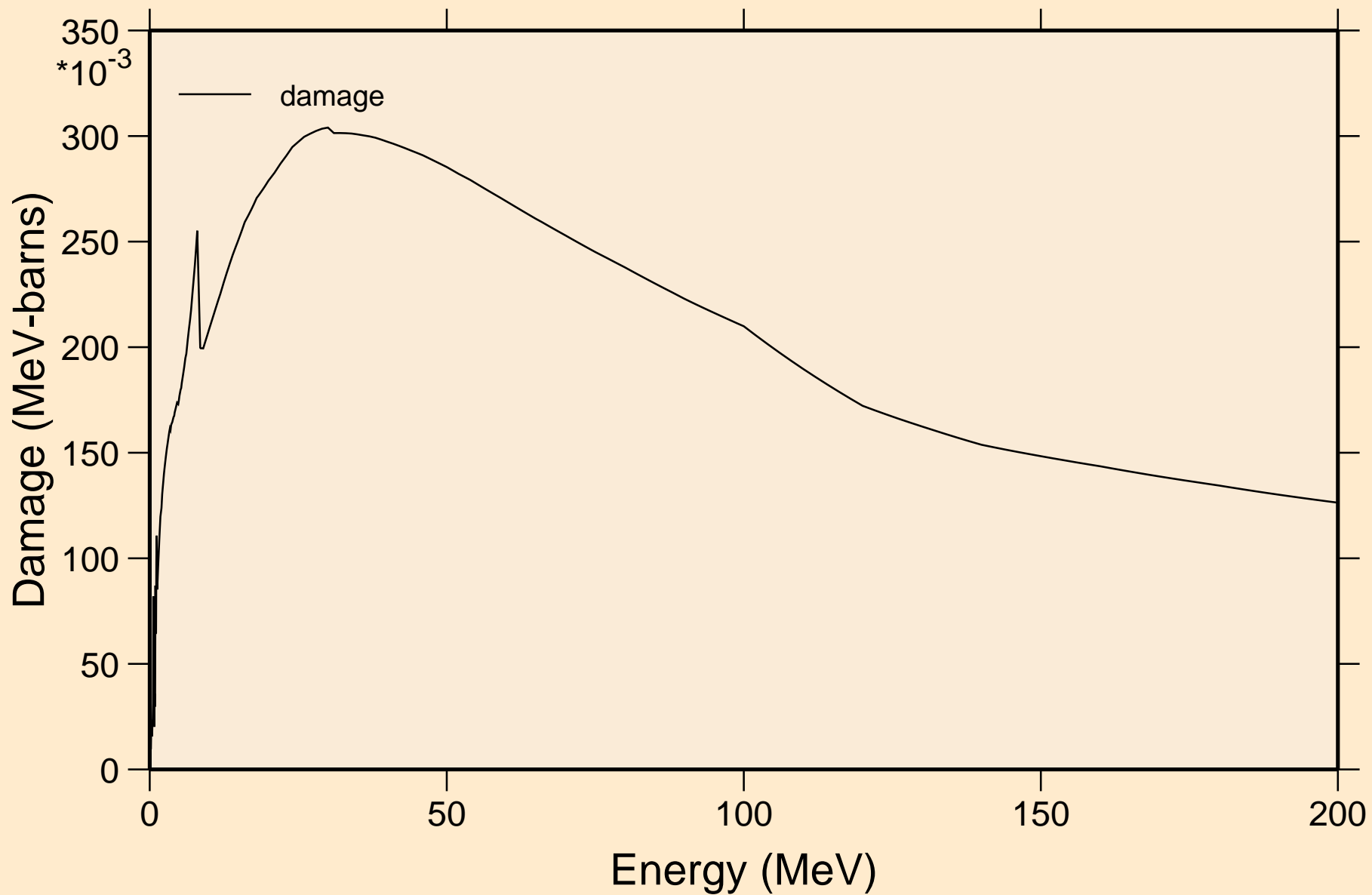
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Principal cross sections



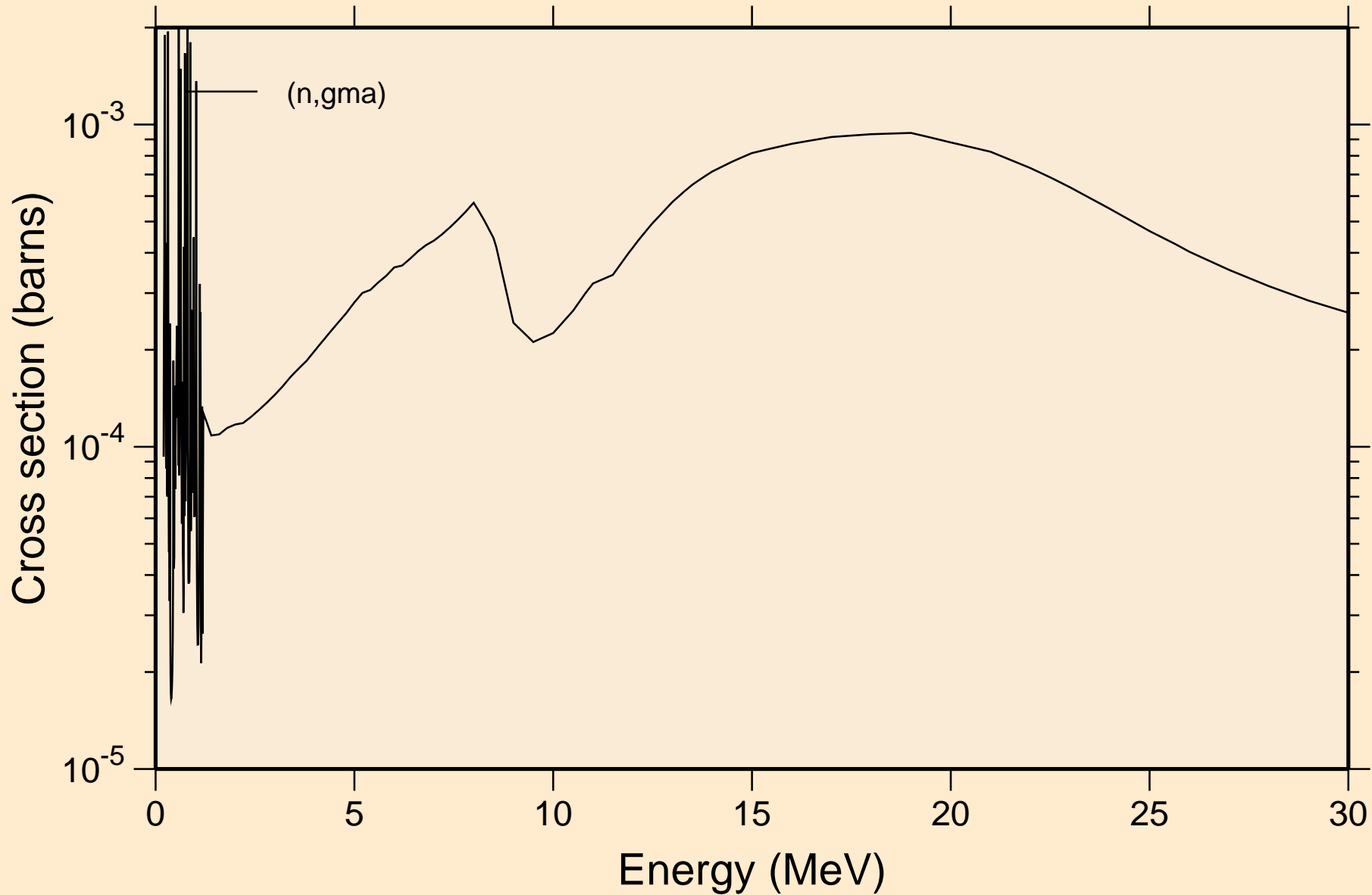
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Heating



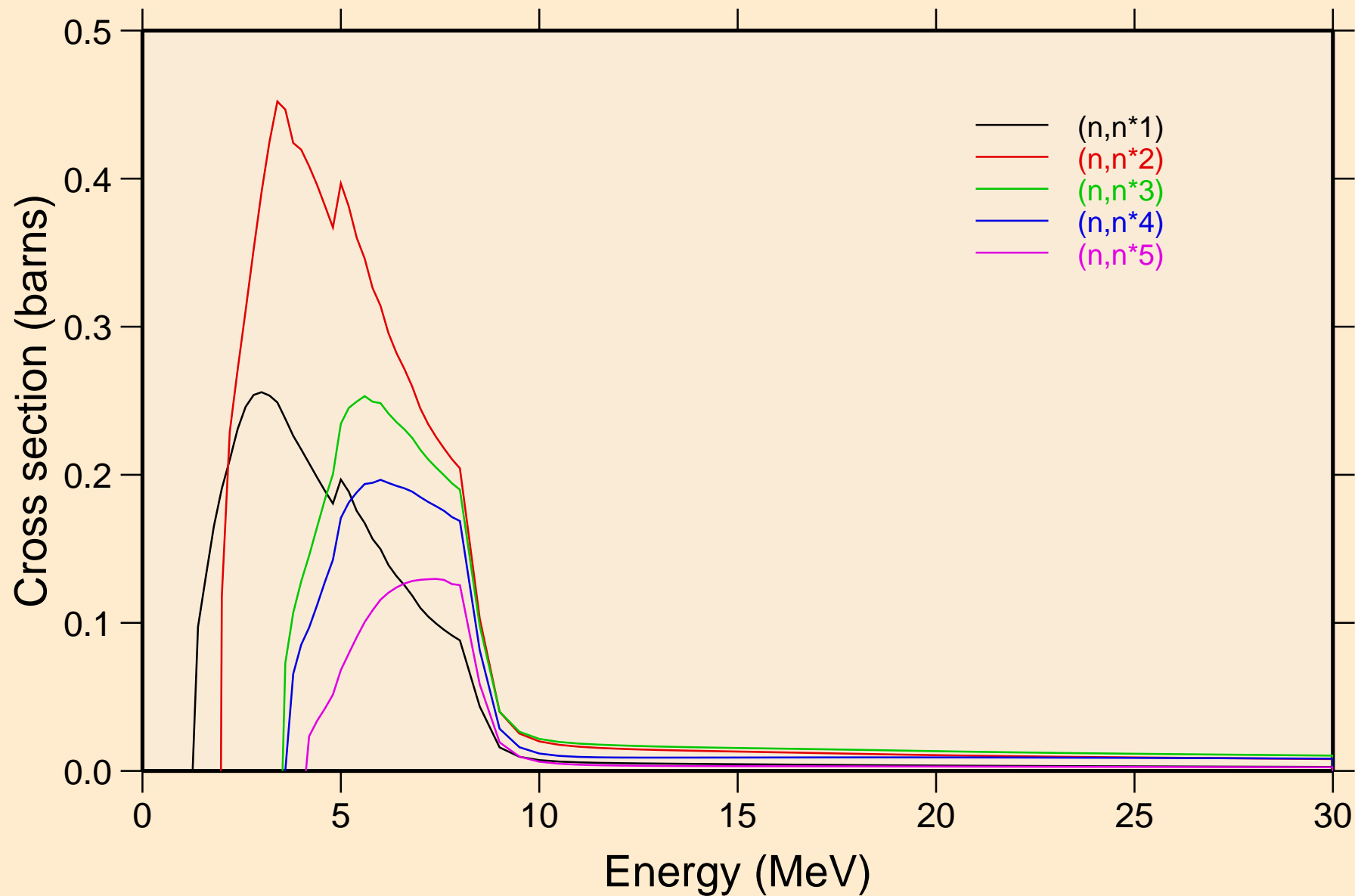
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Damage



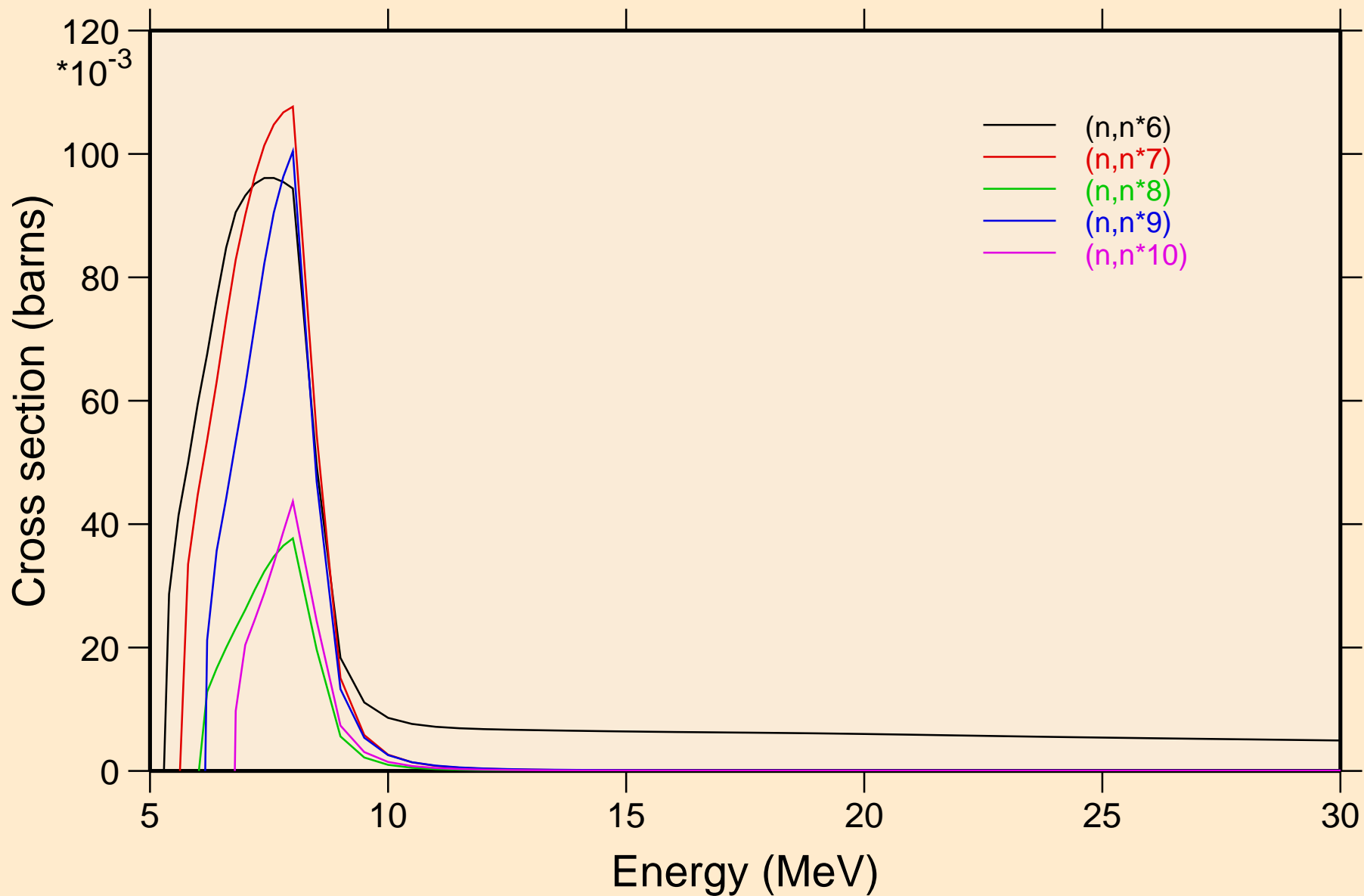
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

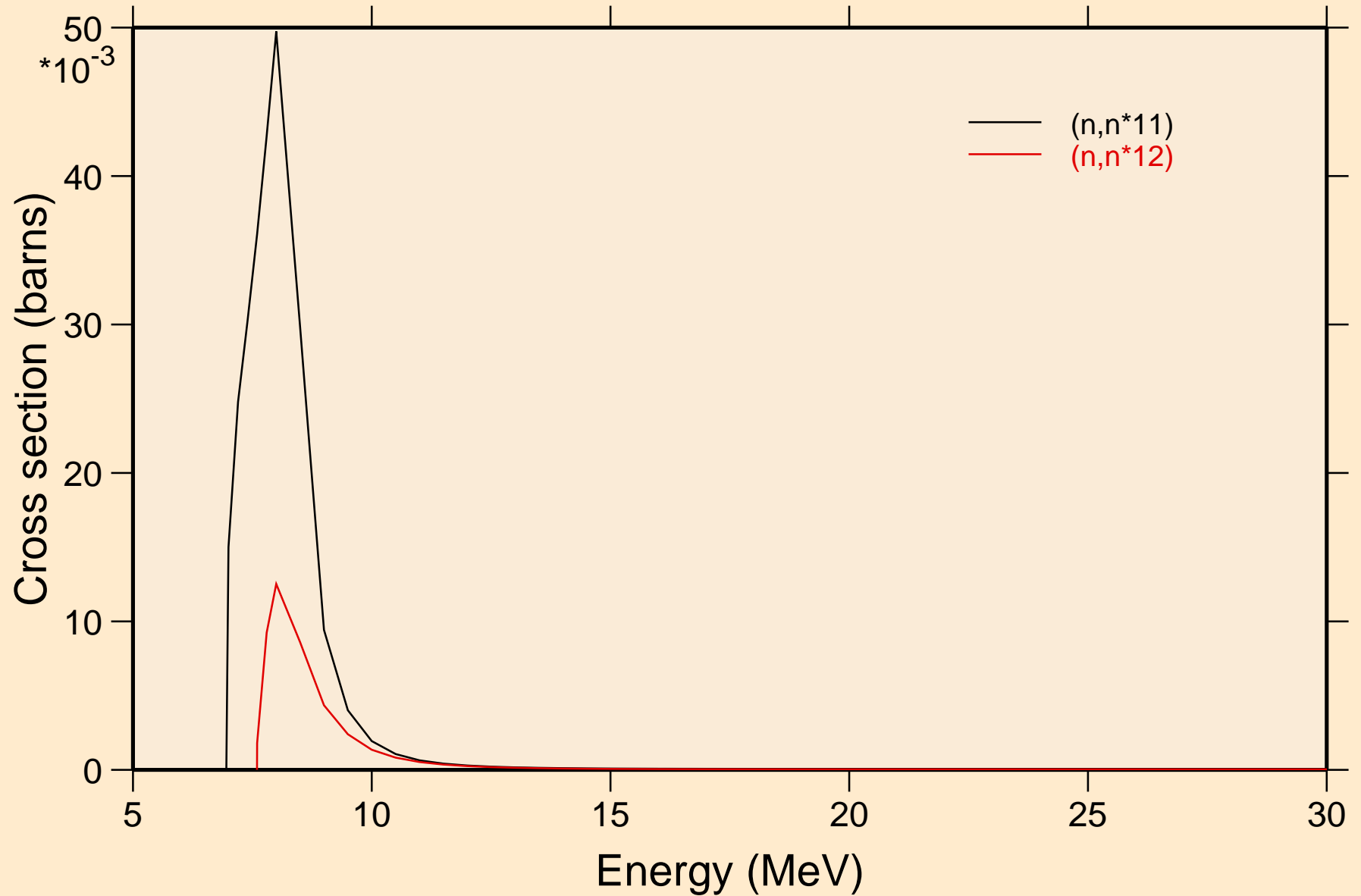


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Inelastic levels

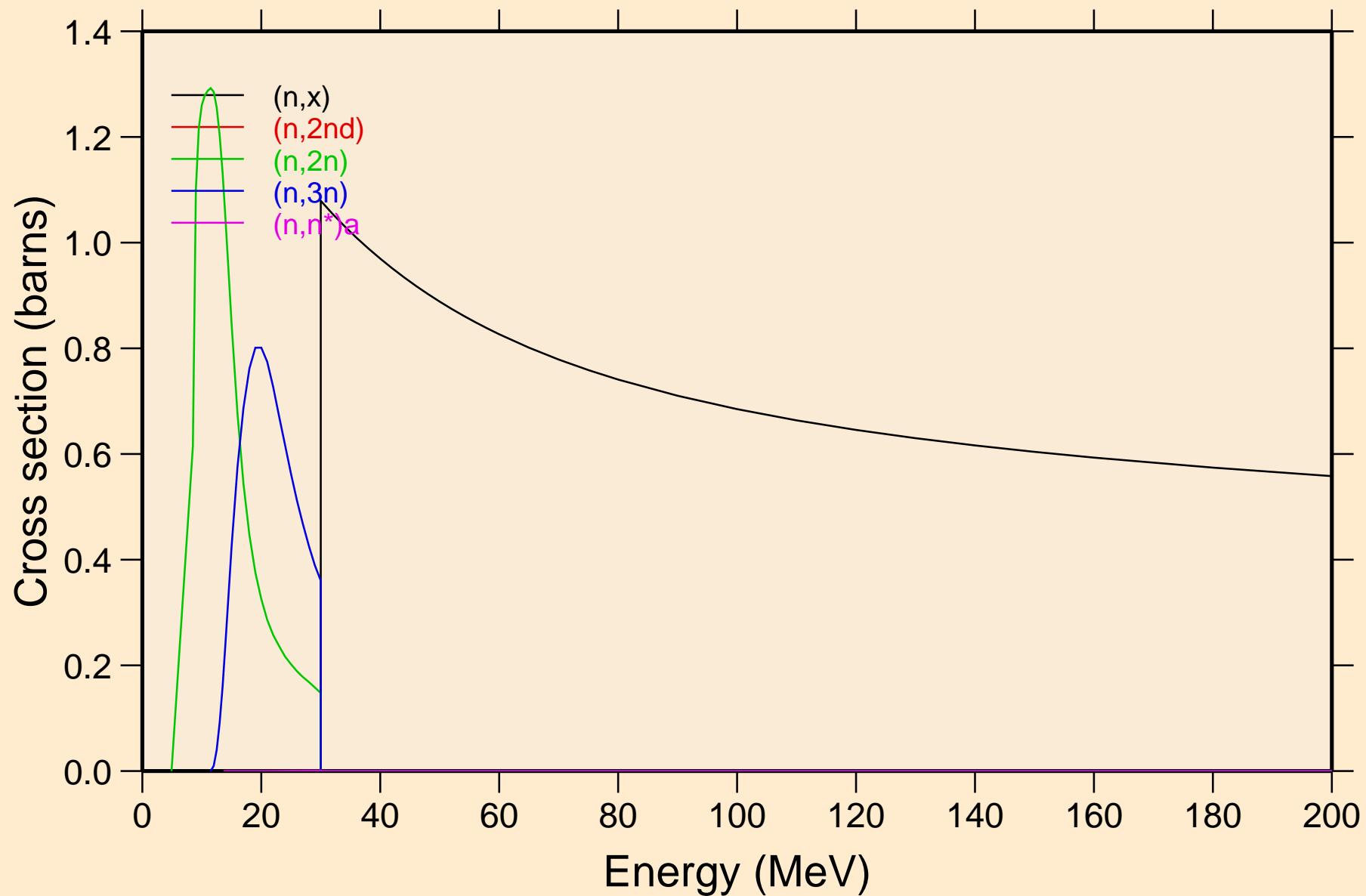




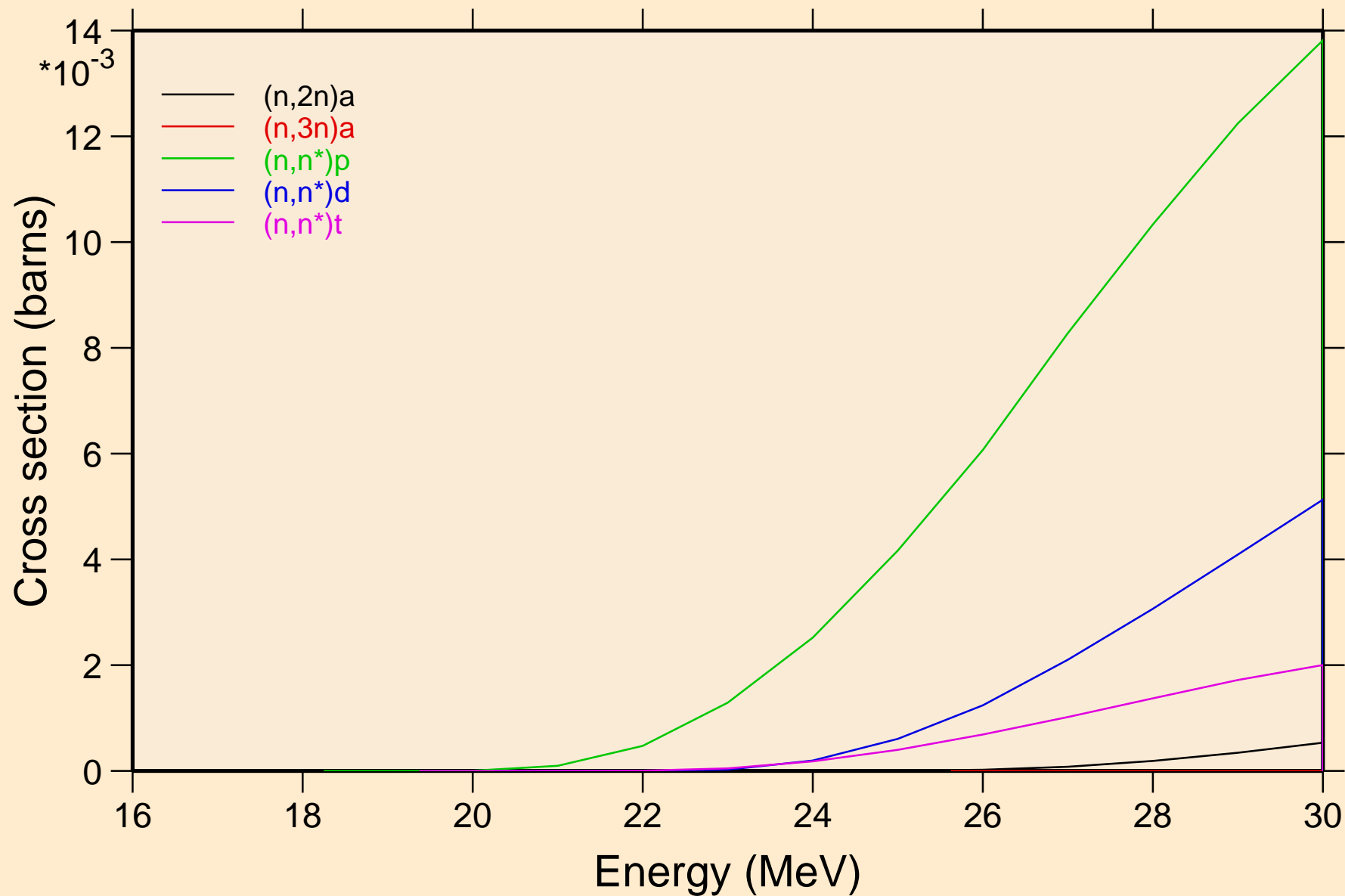
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Inelastic levels



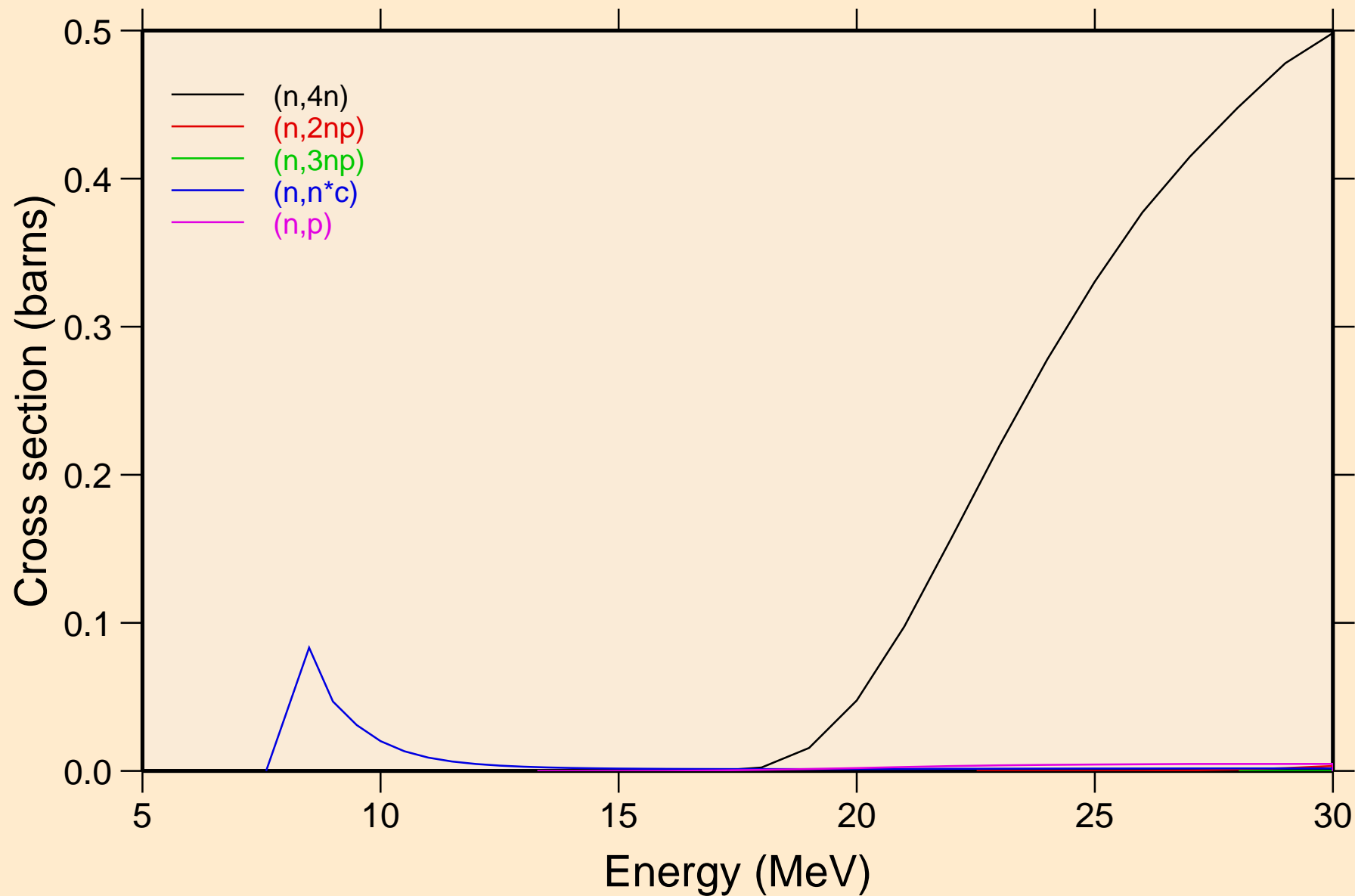
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Threshold reactions



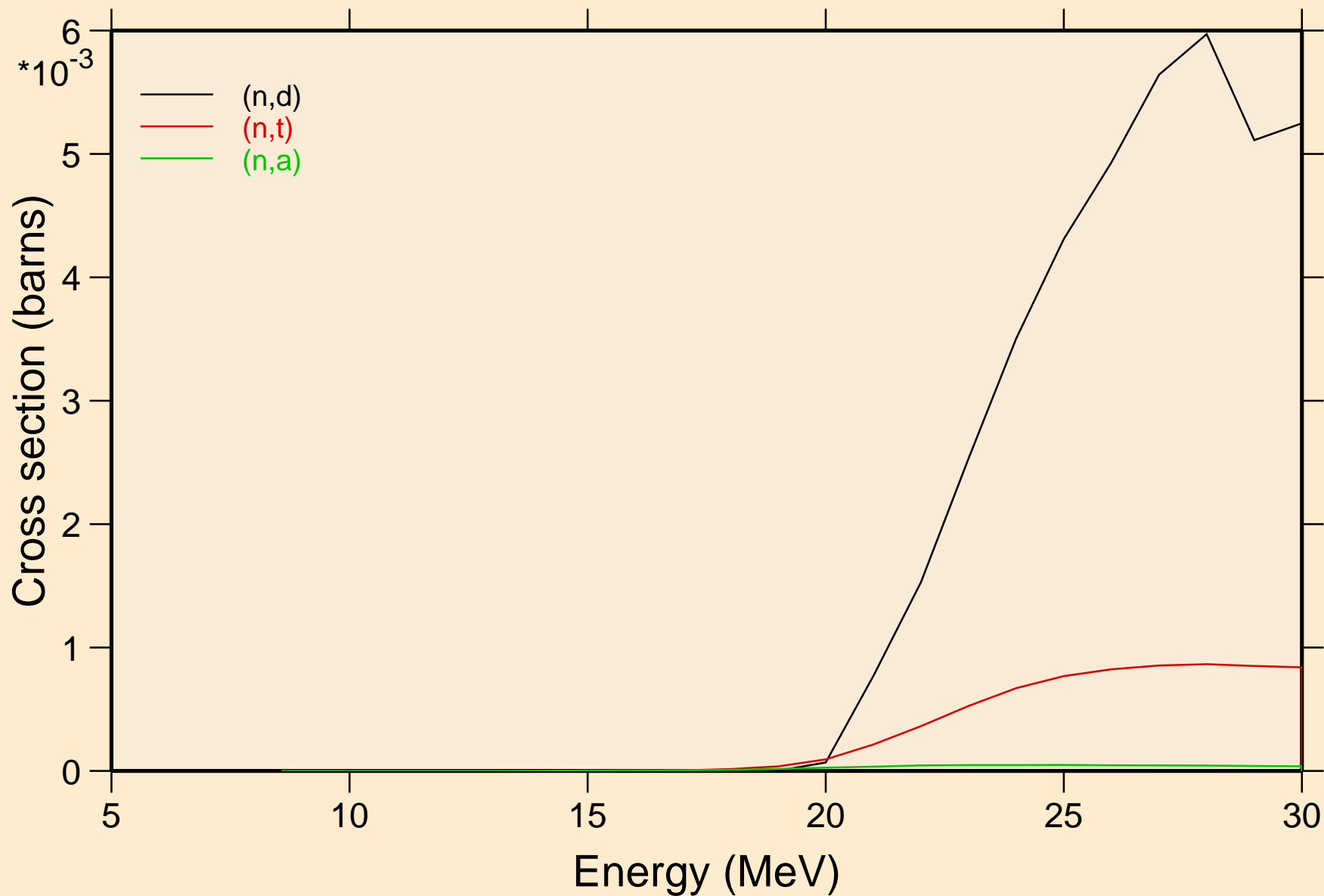
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Threshold reactions



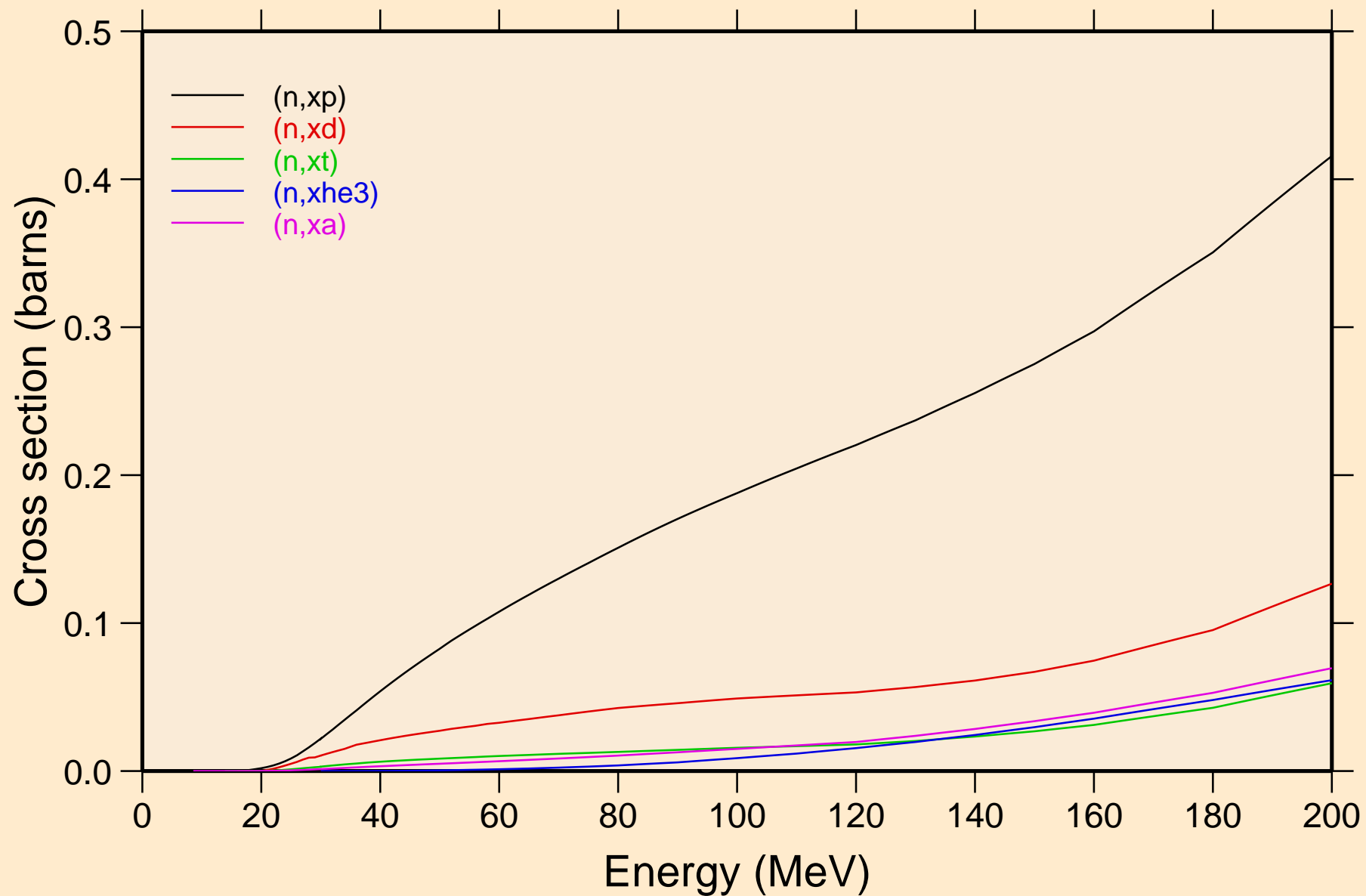
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Threshold reactions



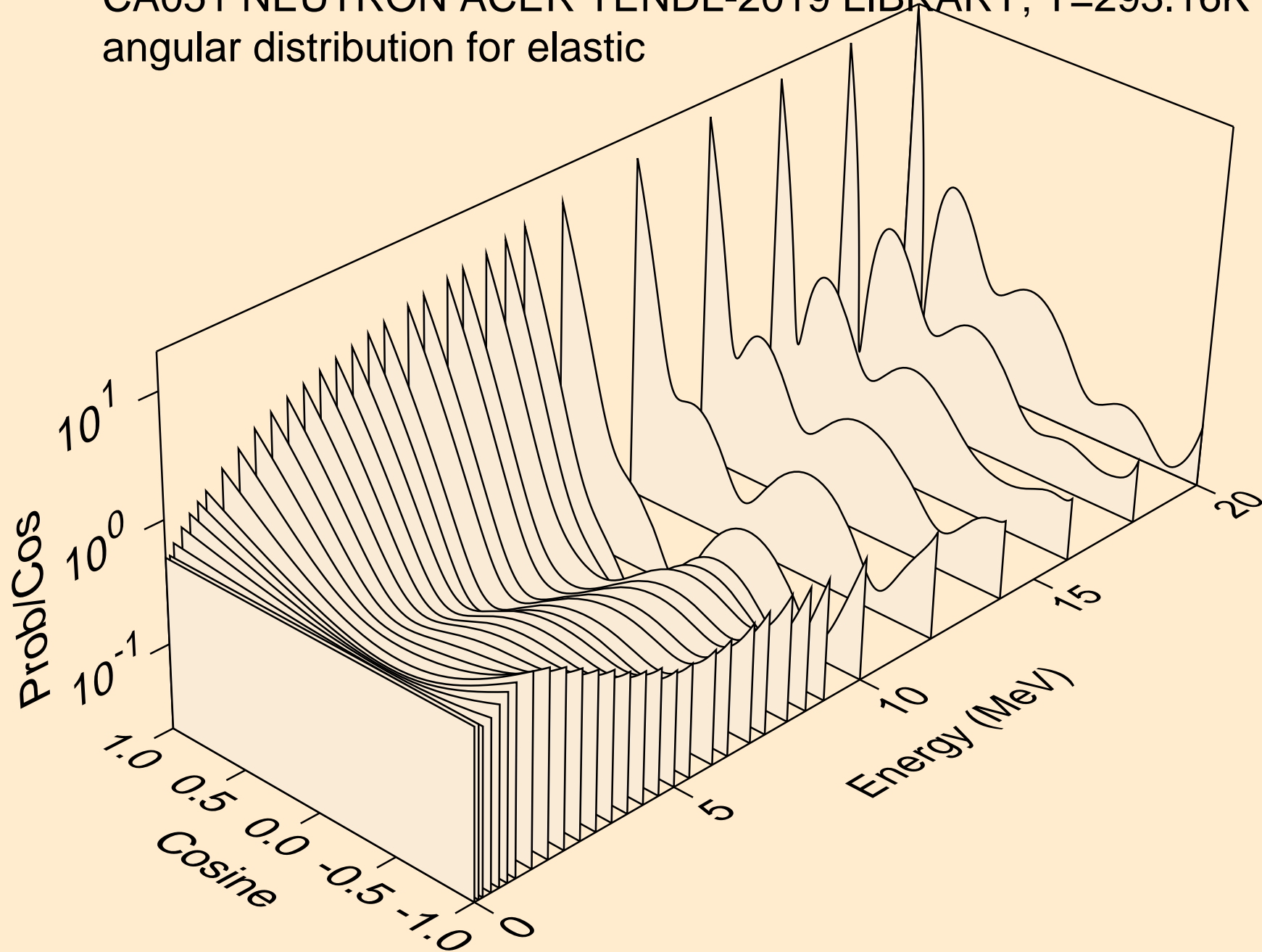
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



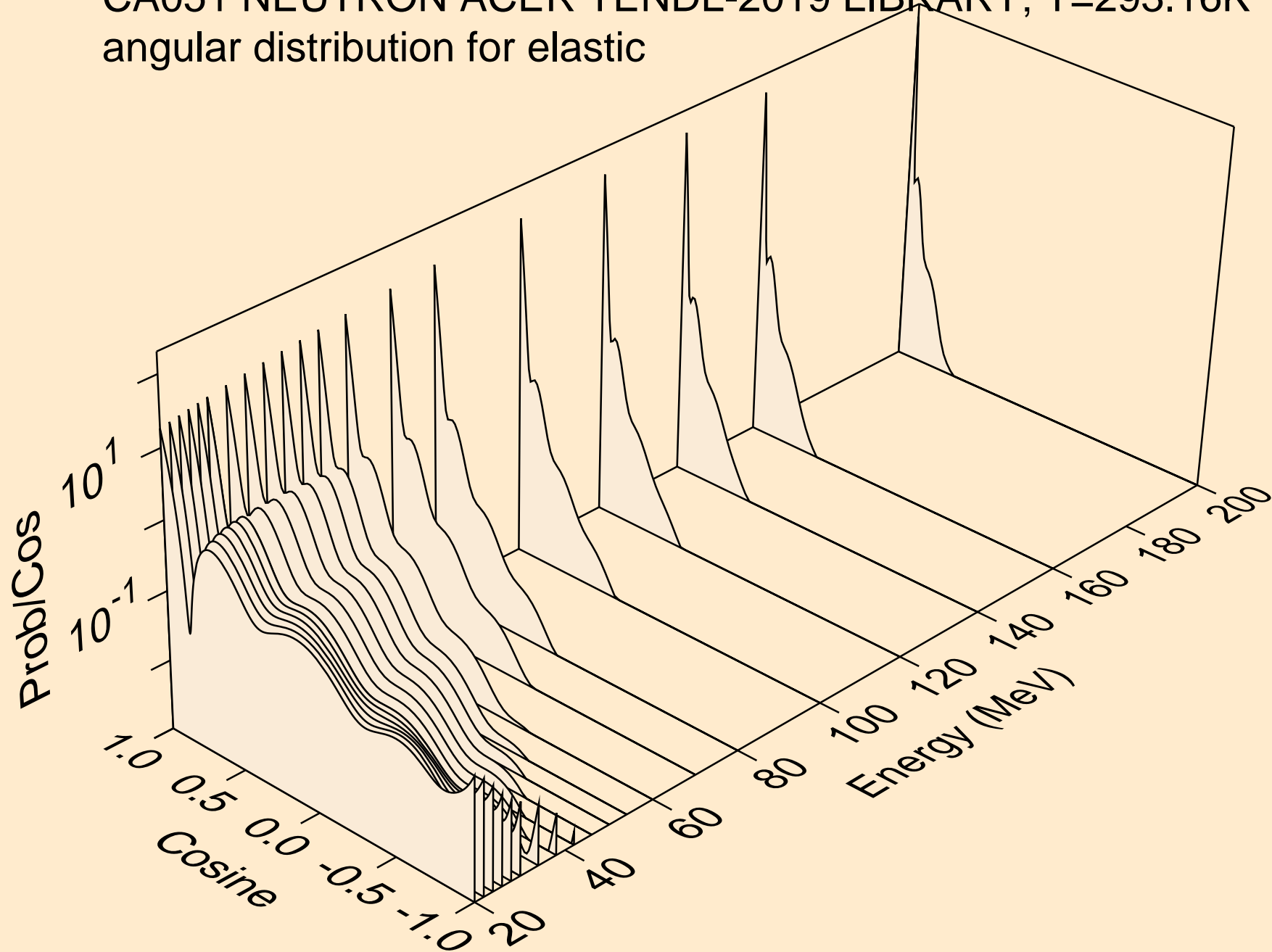
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

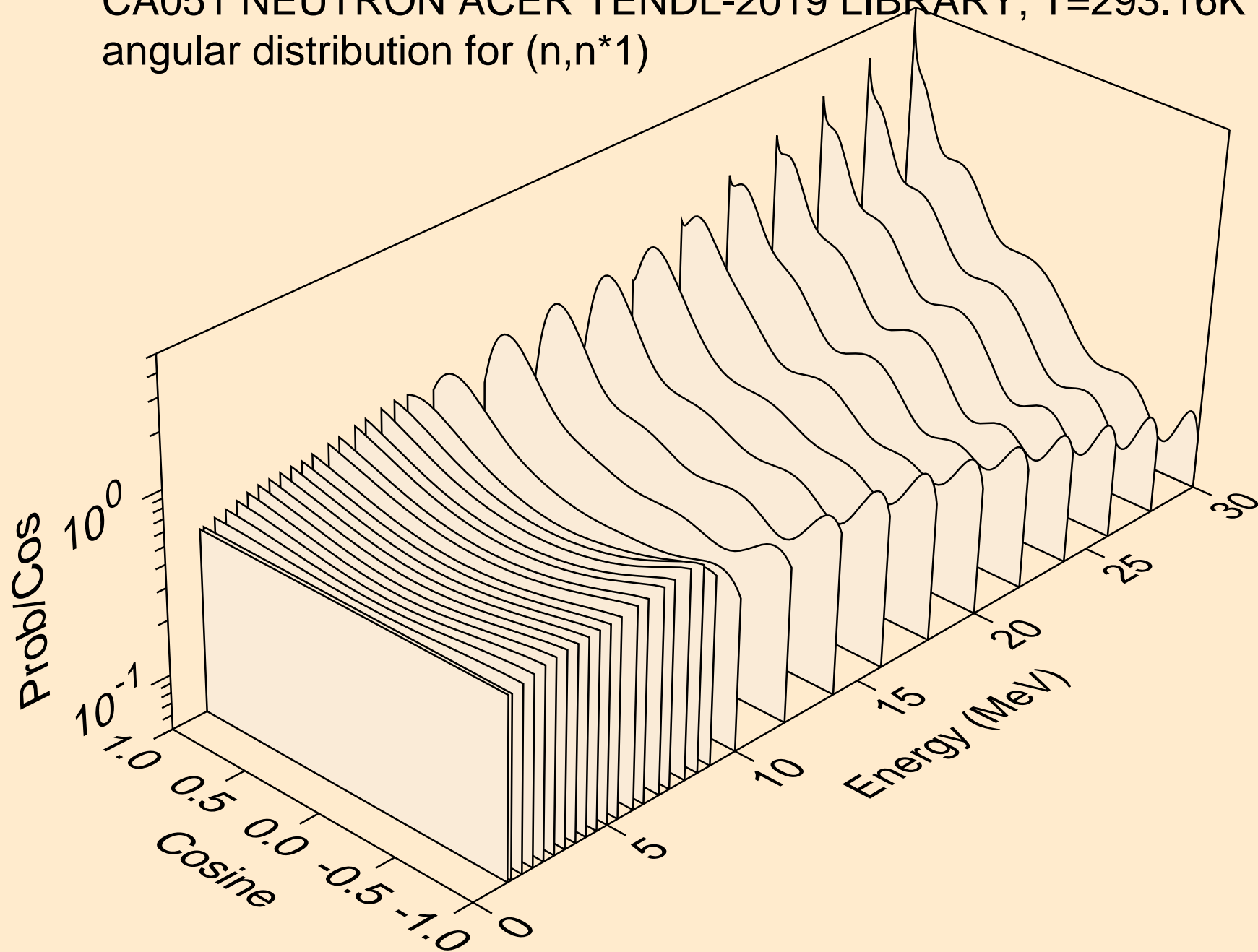


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angular distribution for elastic

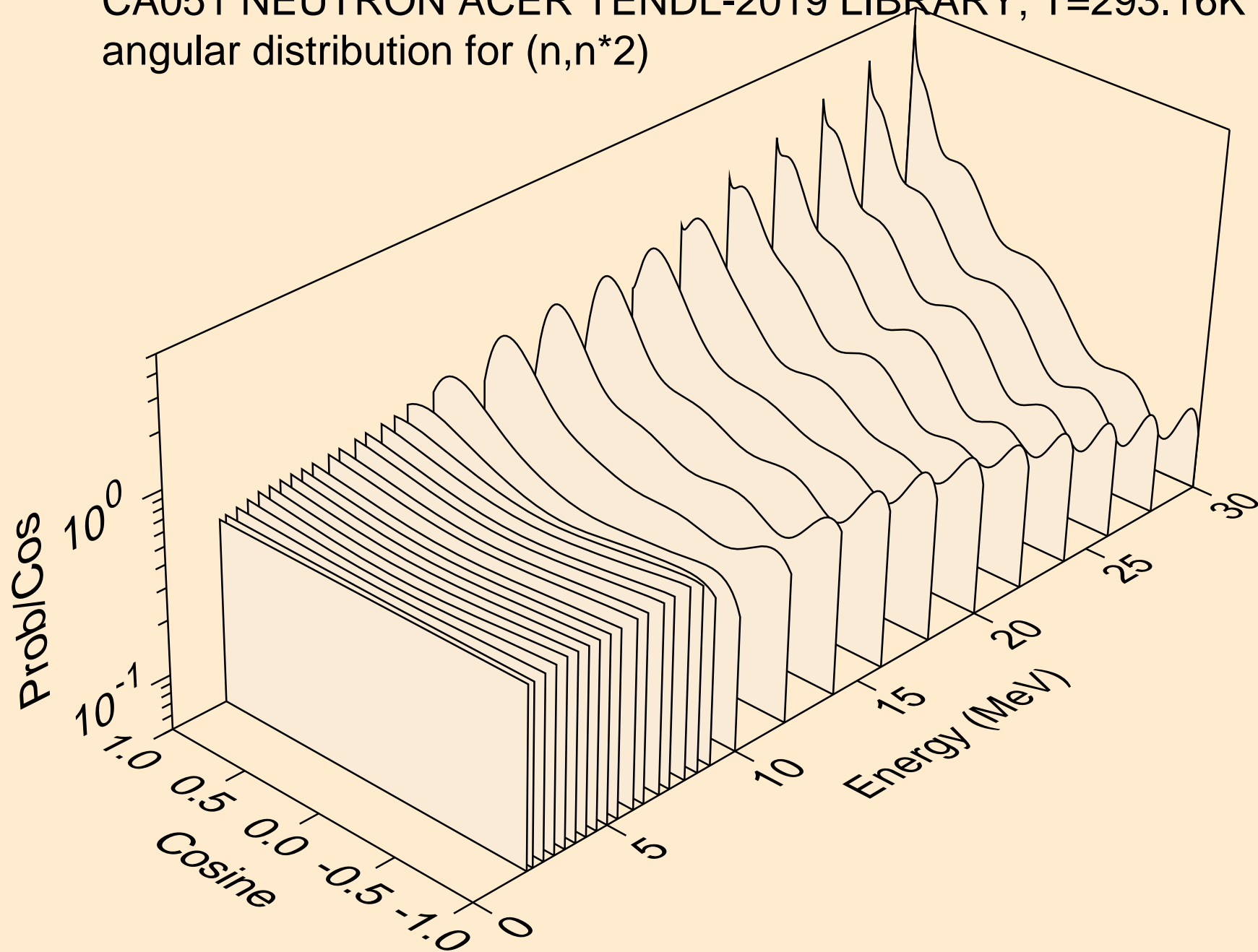




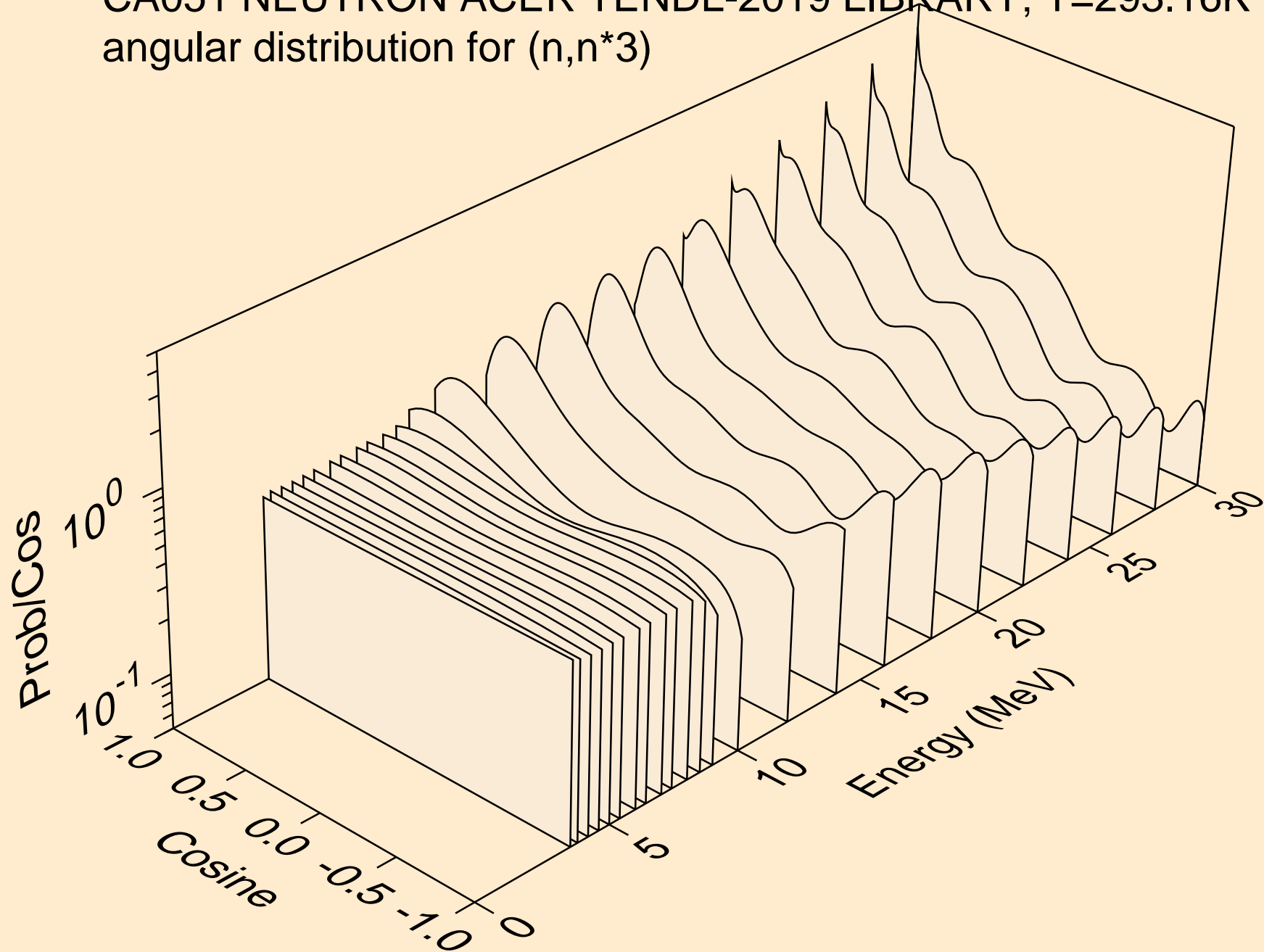
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angular distribution for (n,n\*1)



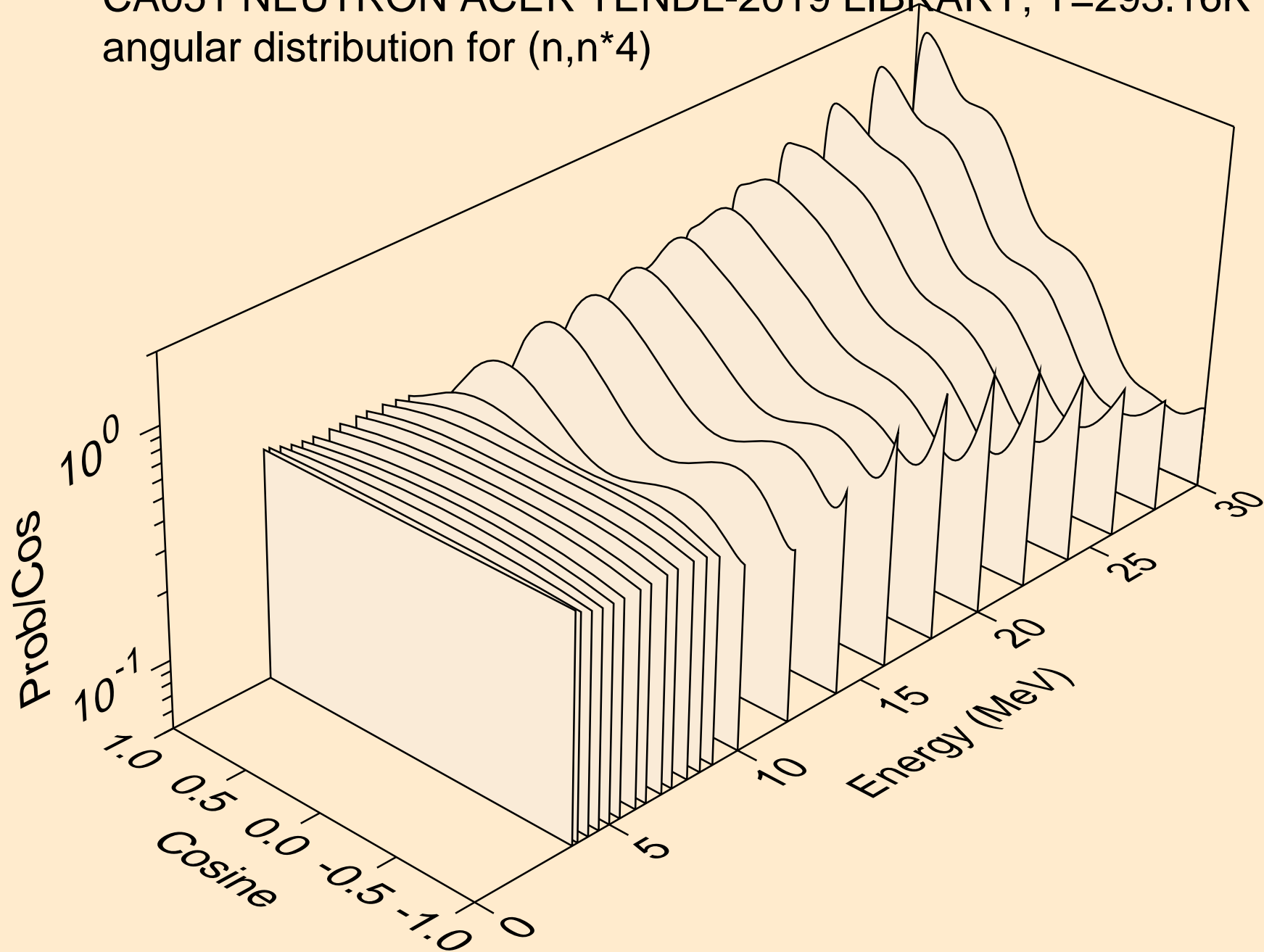
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angular distribution for (n,n\*2)



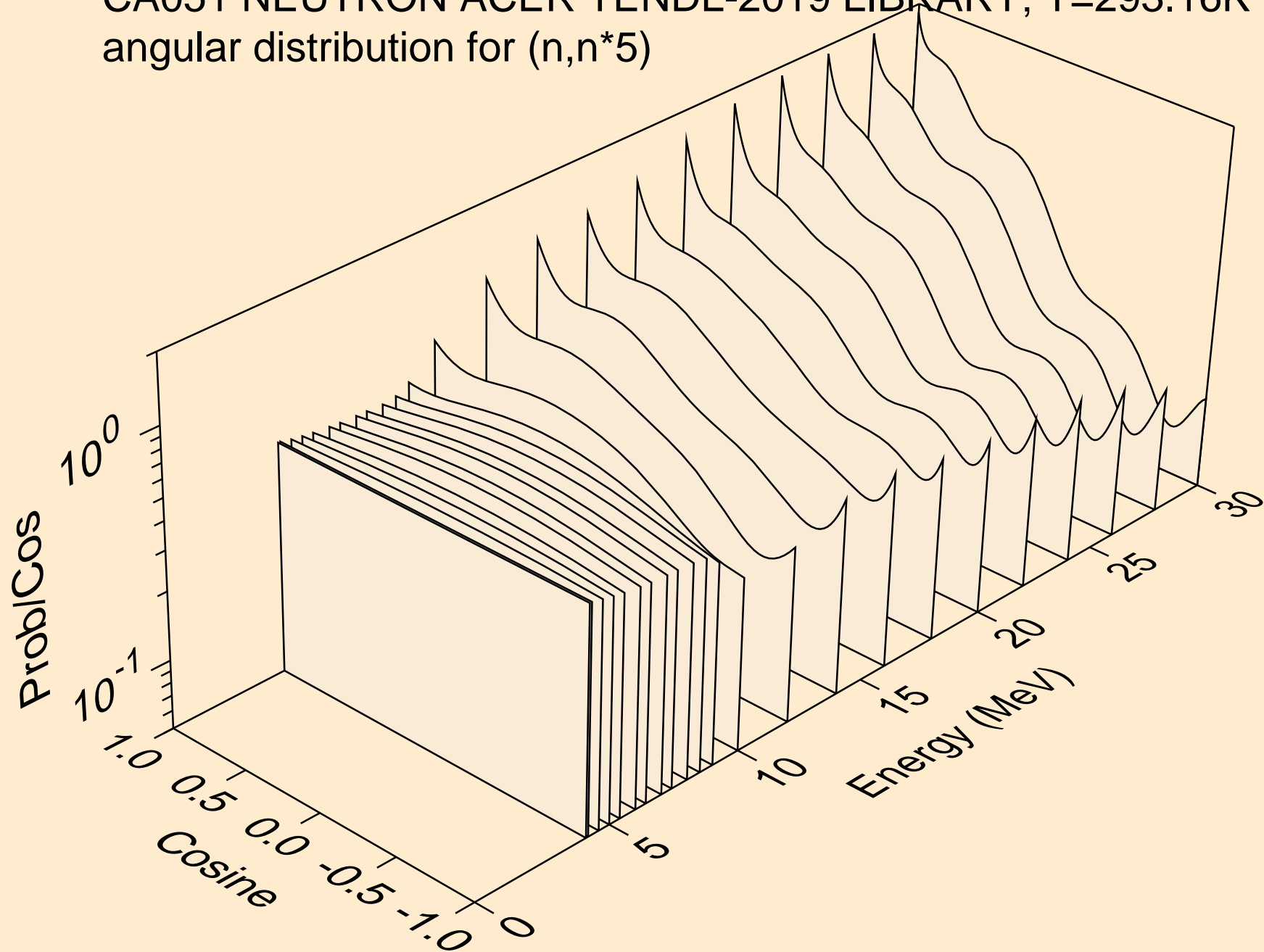
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angular distribution for (n,n\*3)



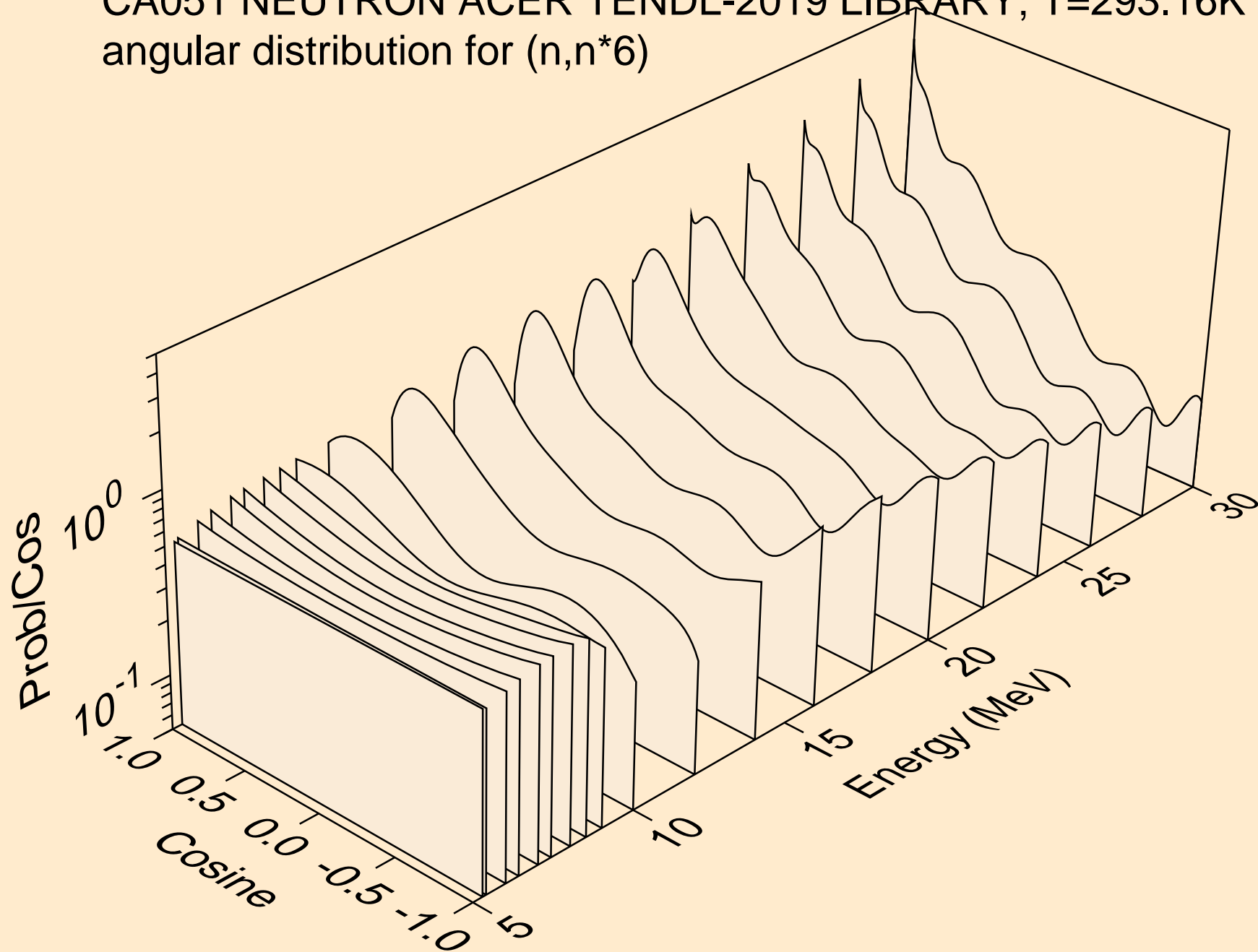
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angular distribution for (n,n\*4)



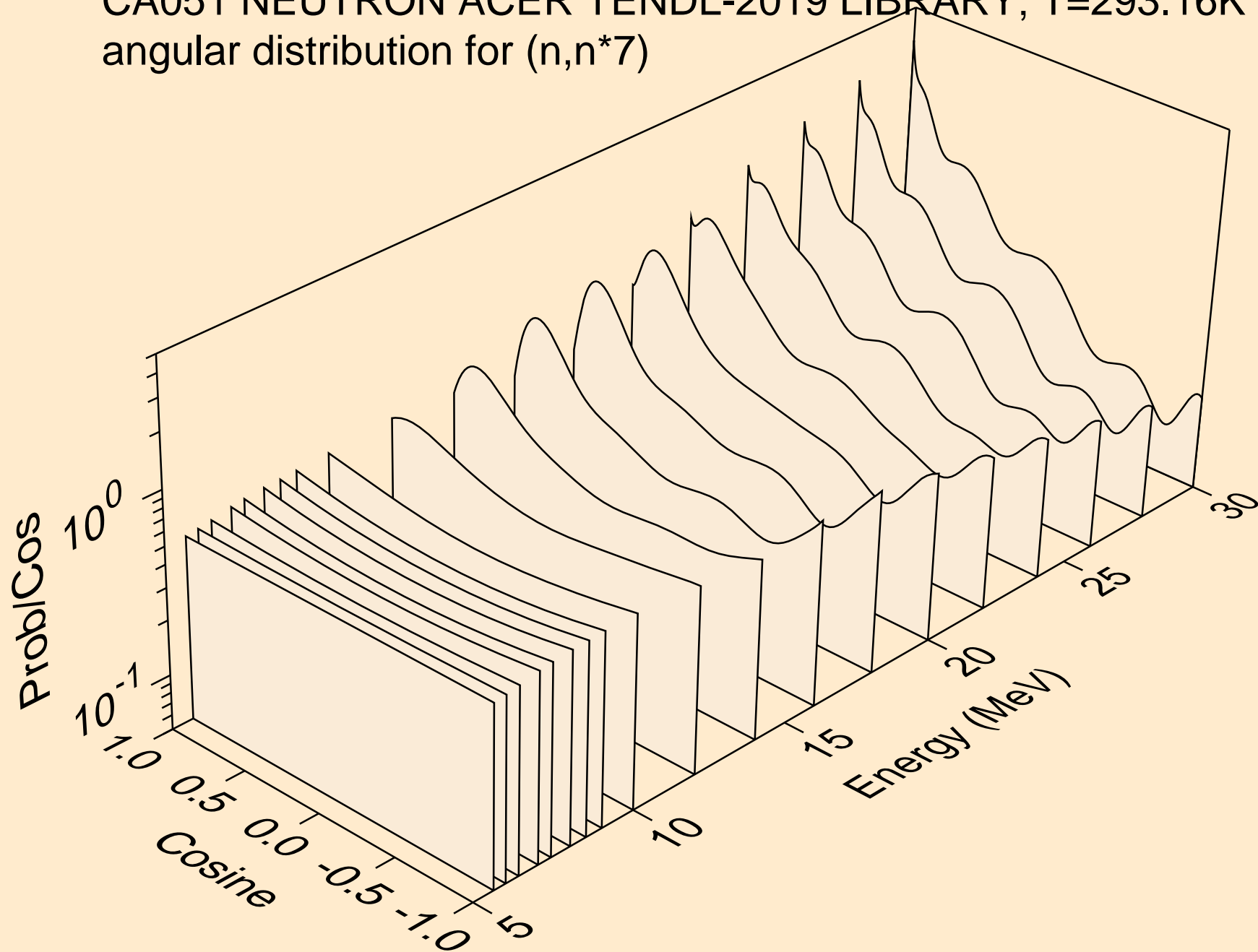
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angular distribution for (n,n\*5)



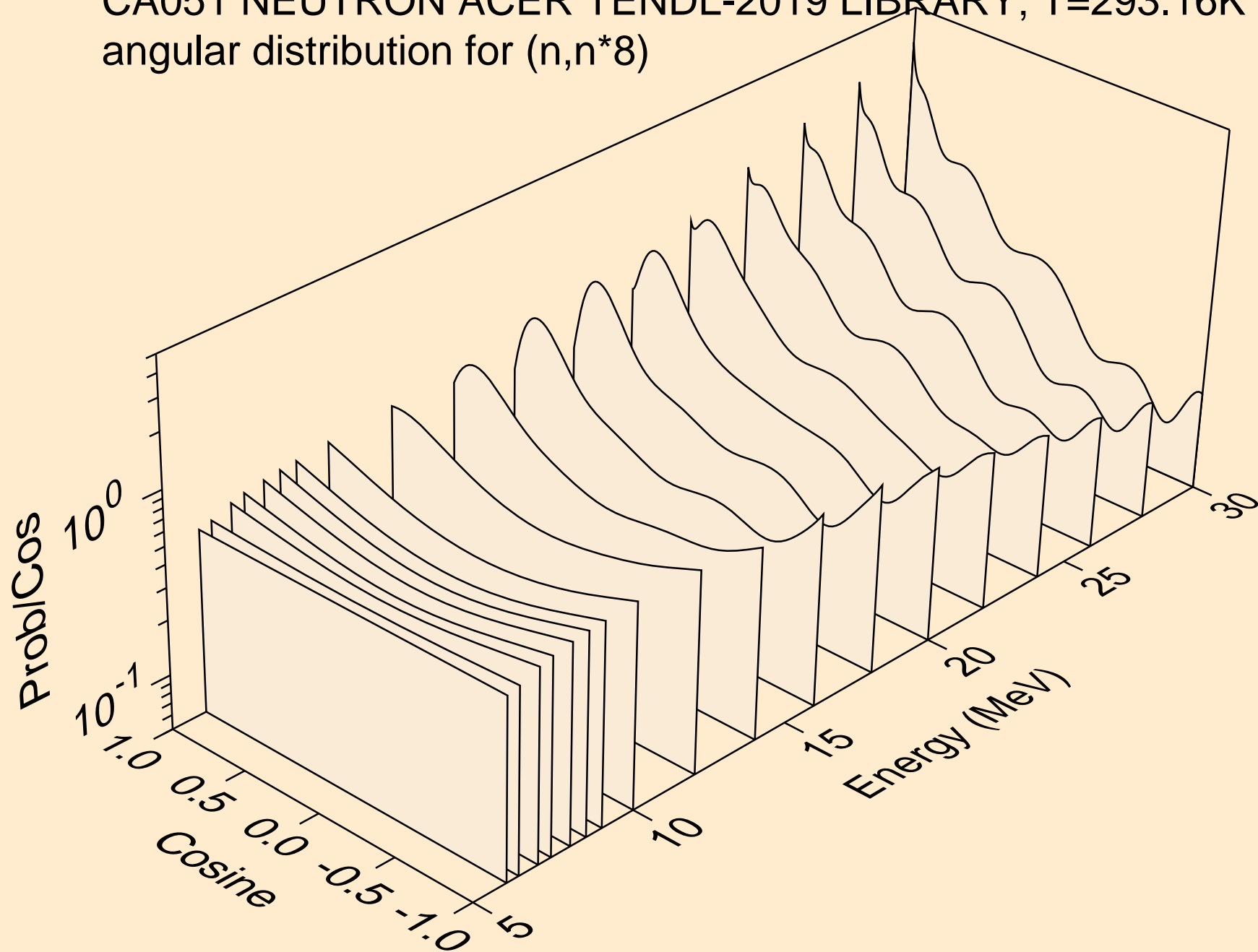
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)

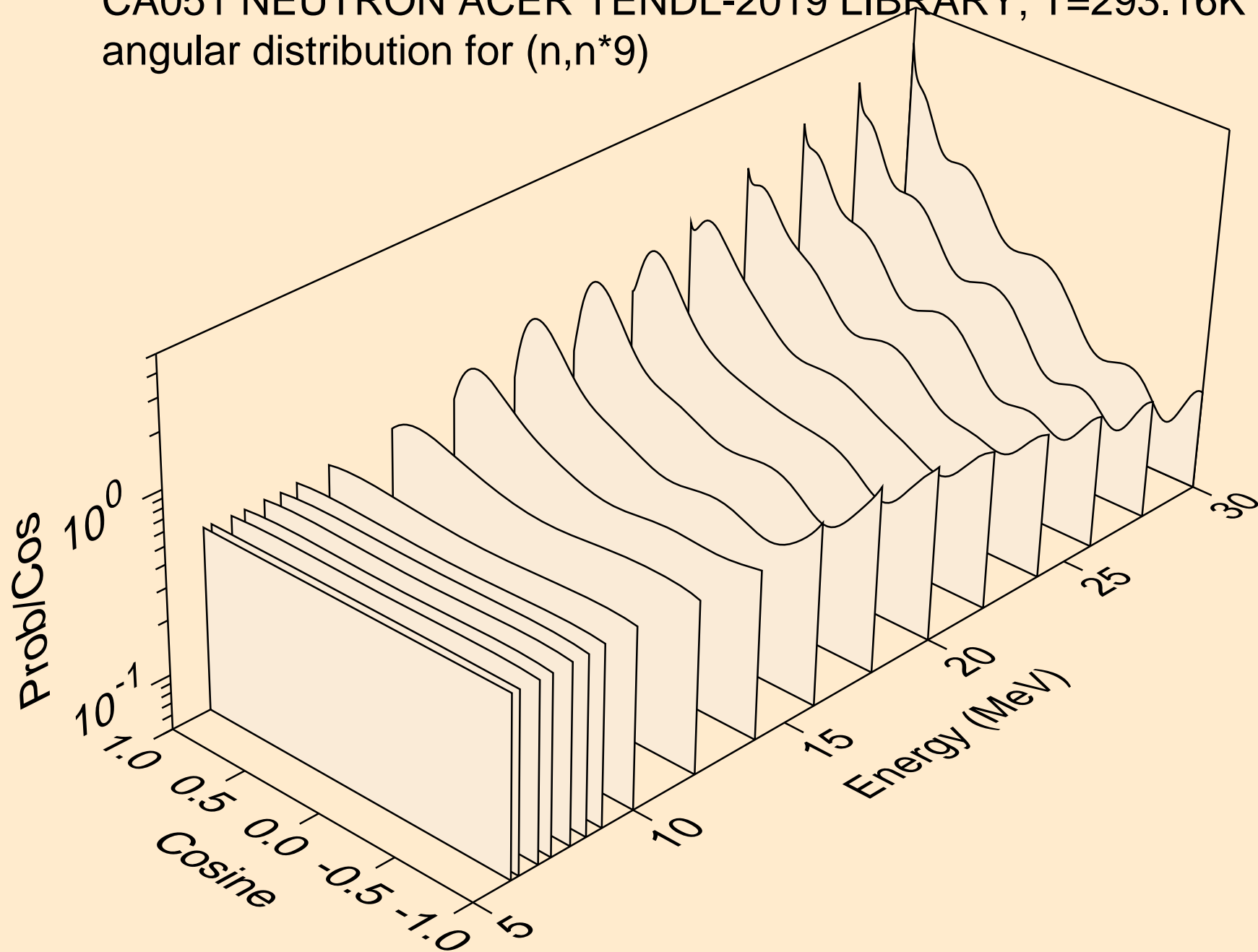


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angular distribution for (n,n\*8)

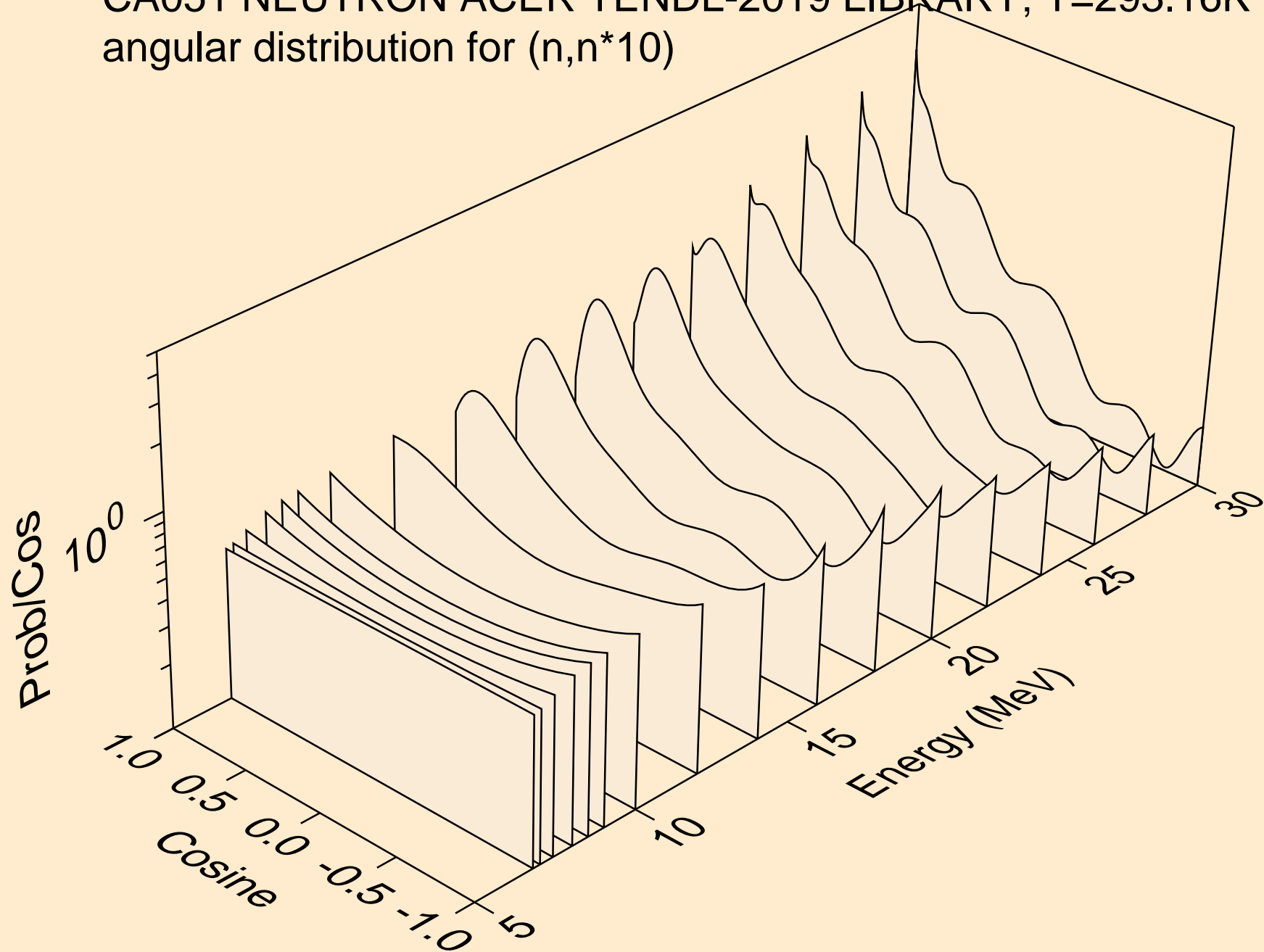




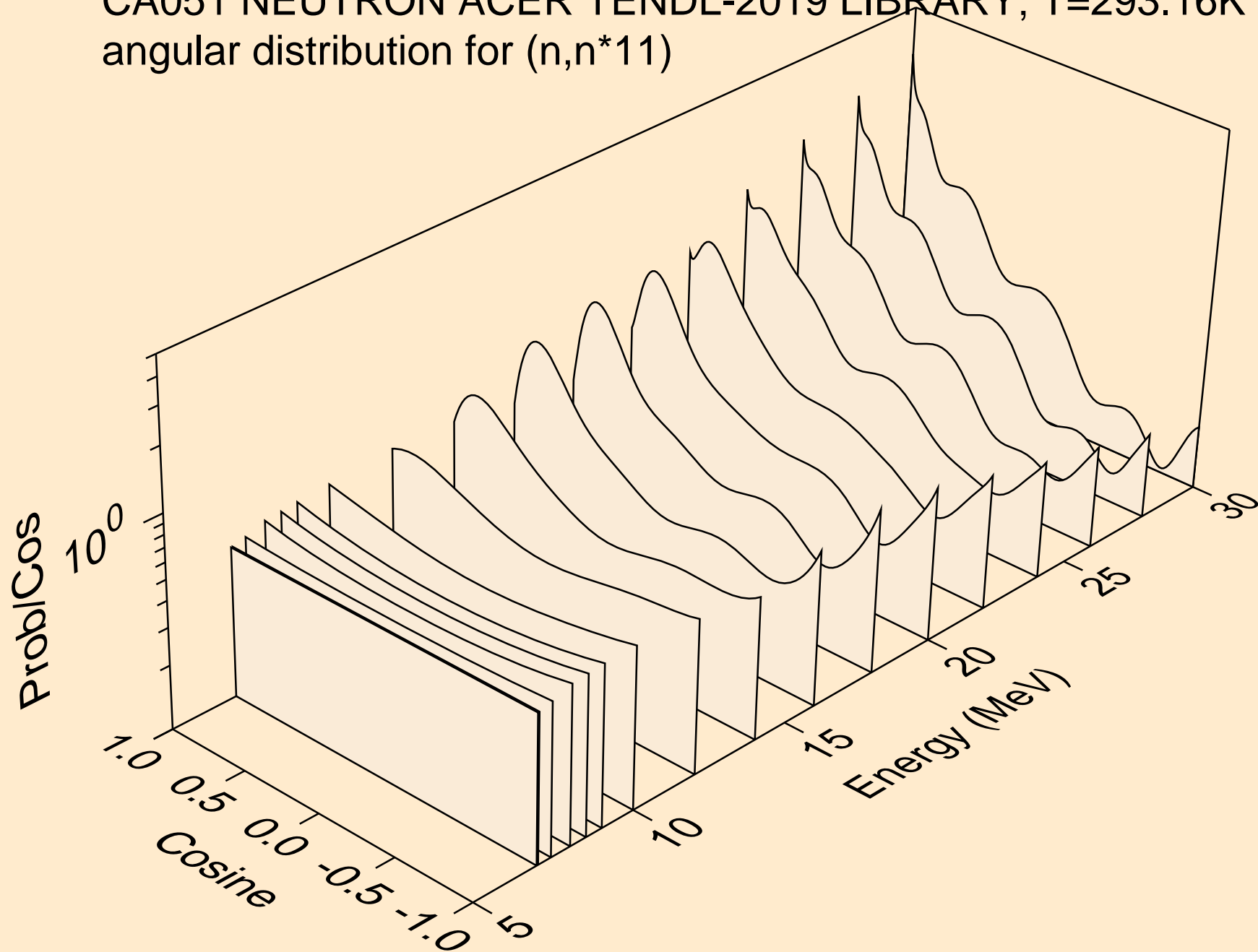
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angular distribution for (n,n\*9)



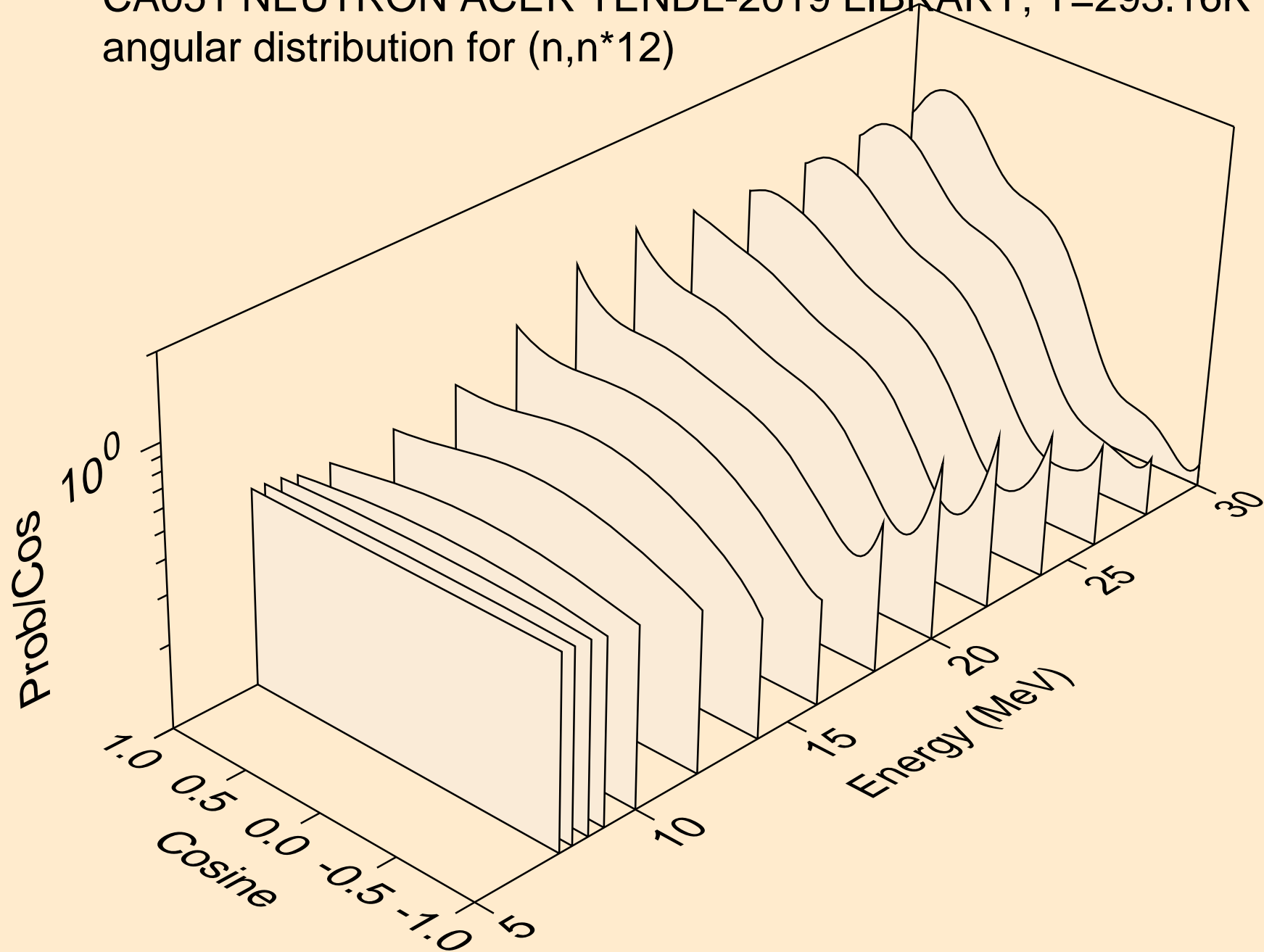
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angular distribution for (n,n\*10)



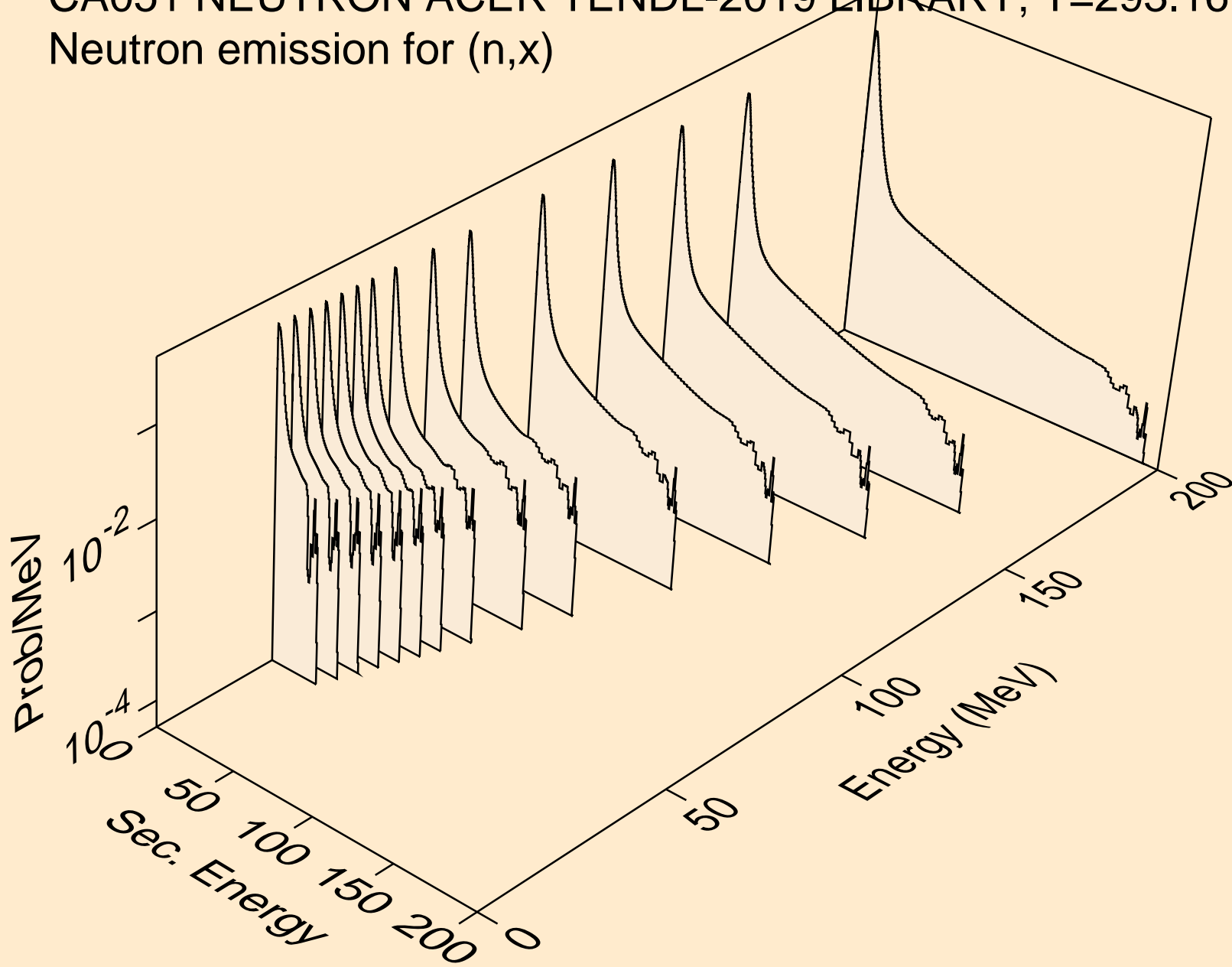
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angular distribution for (n,n\*11)



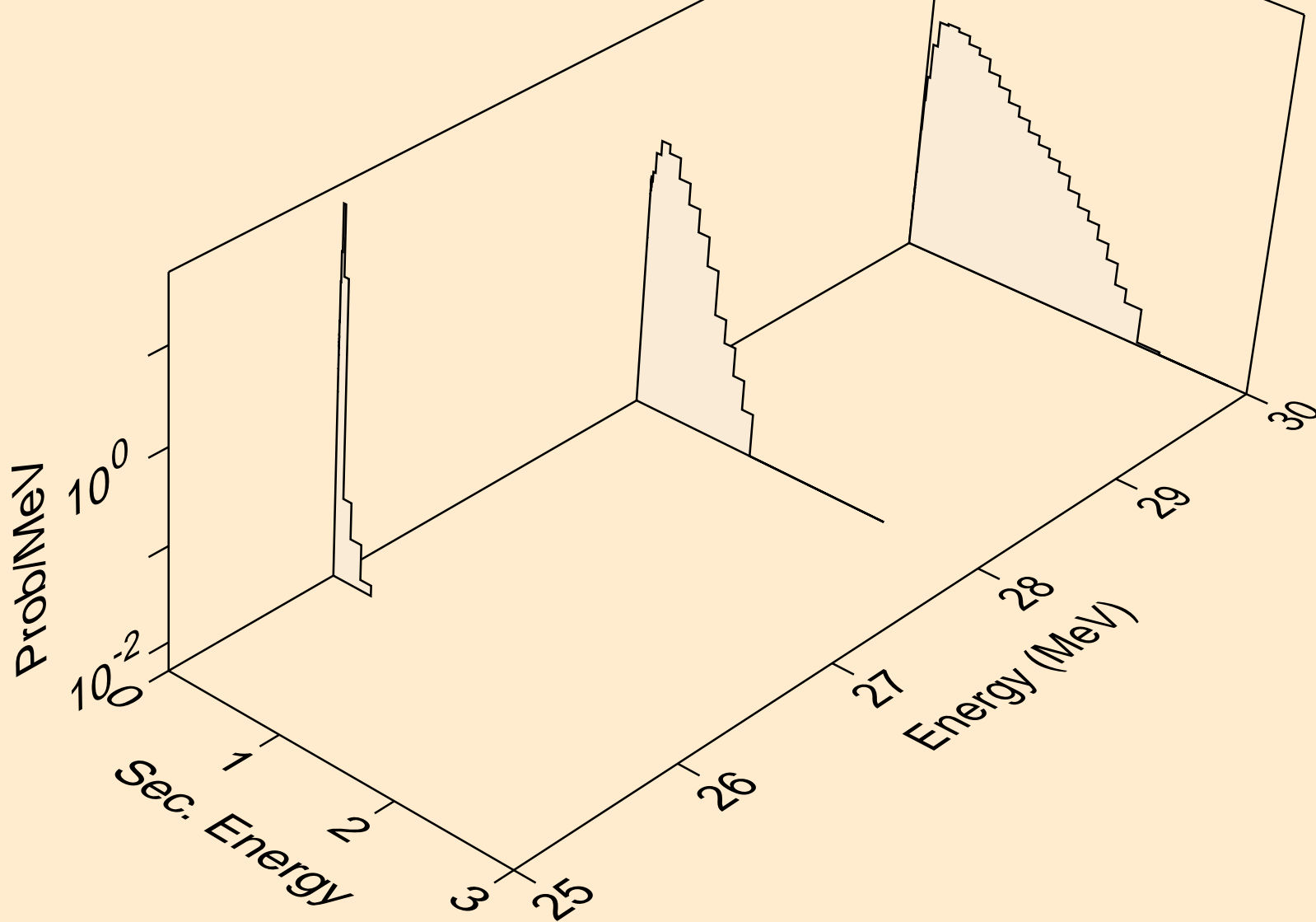
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angular distribution for (n,n\*12)



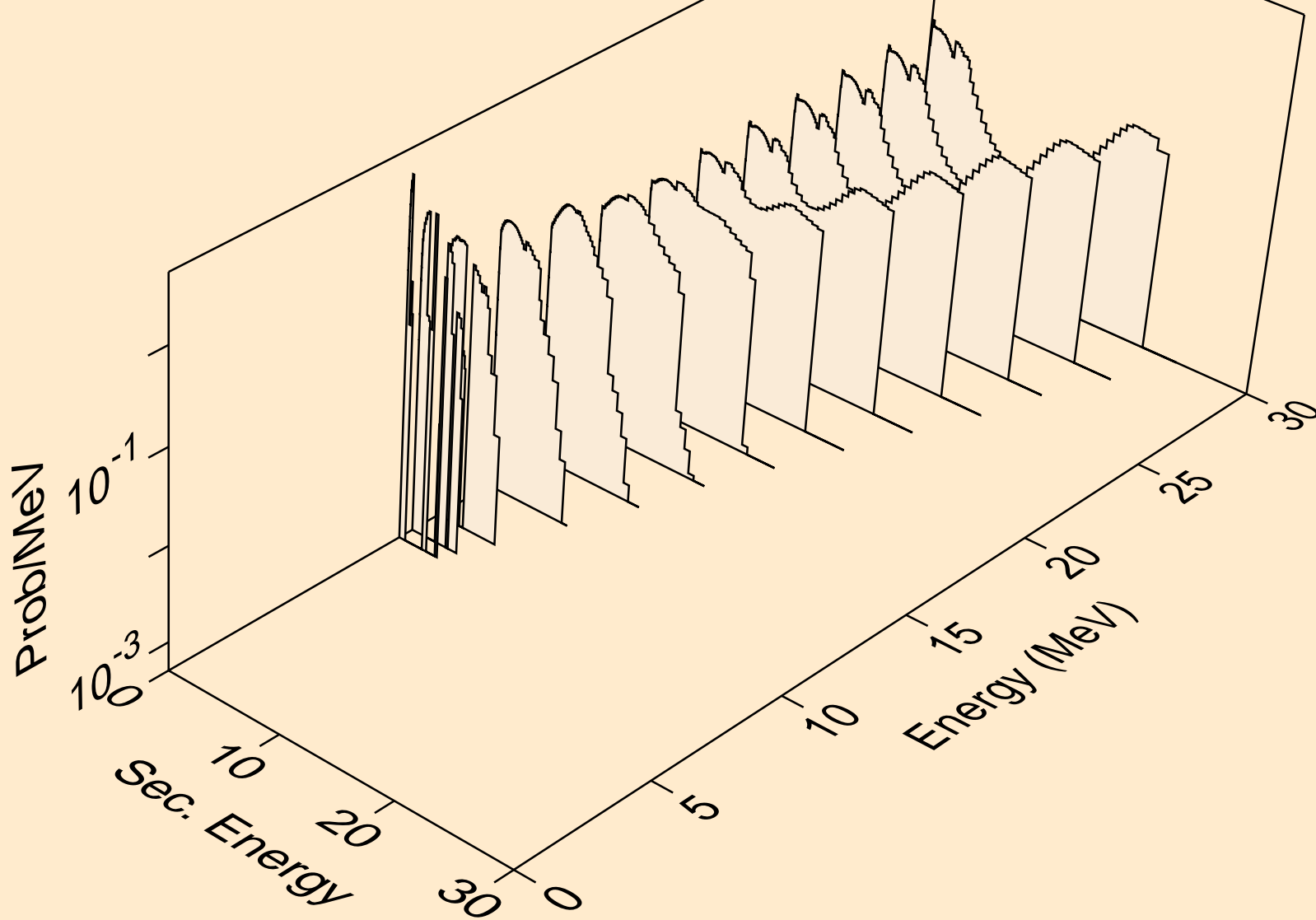
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Neutron emission for (n,x)



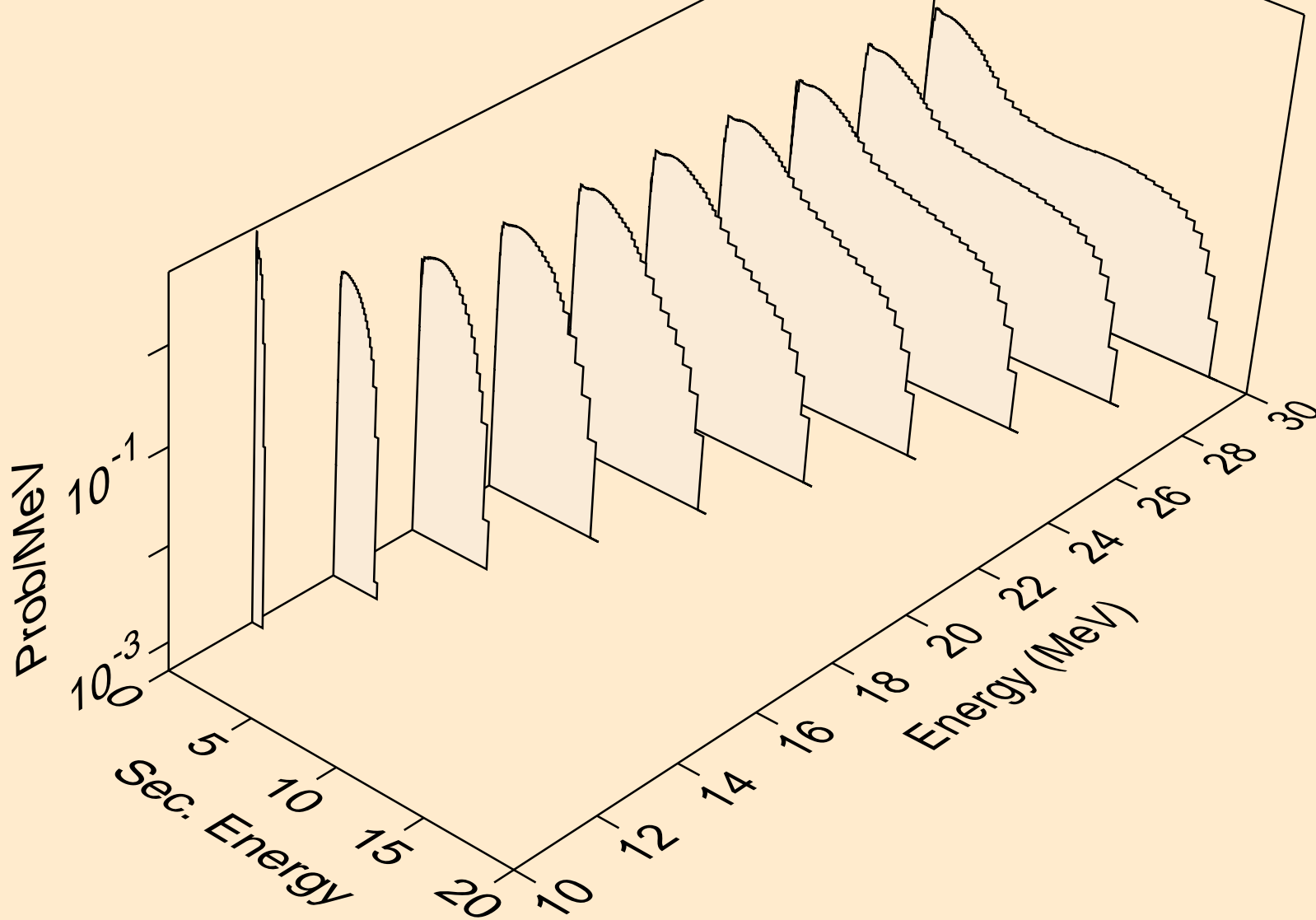
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

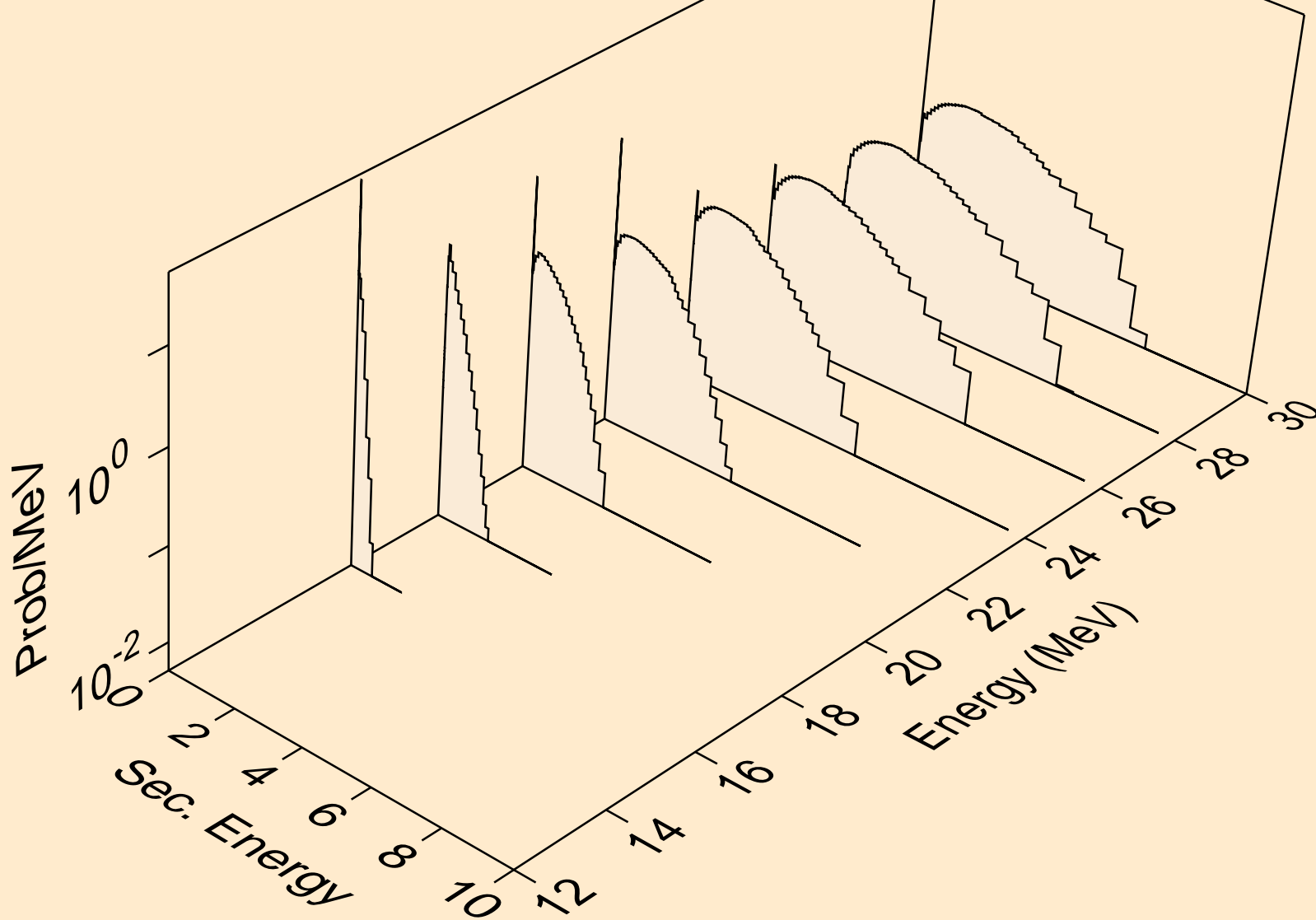


CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

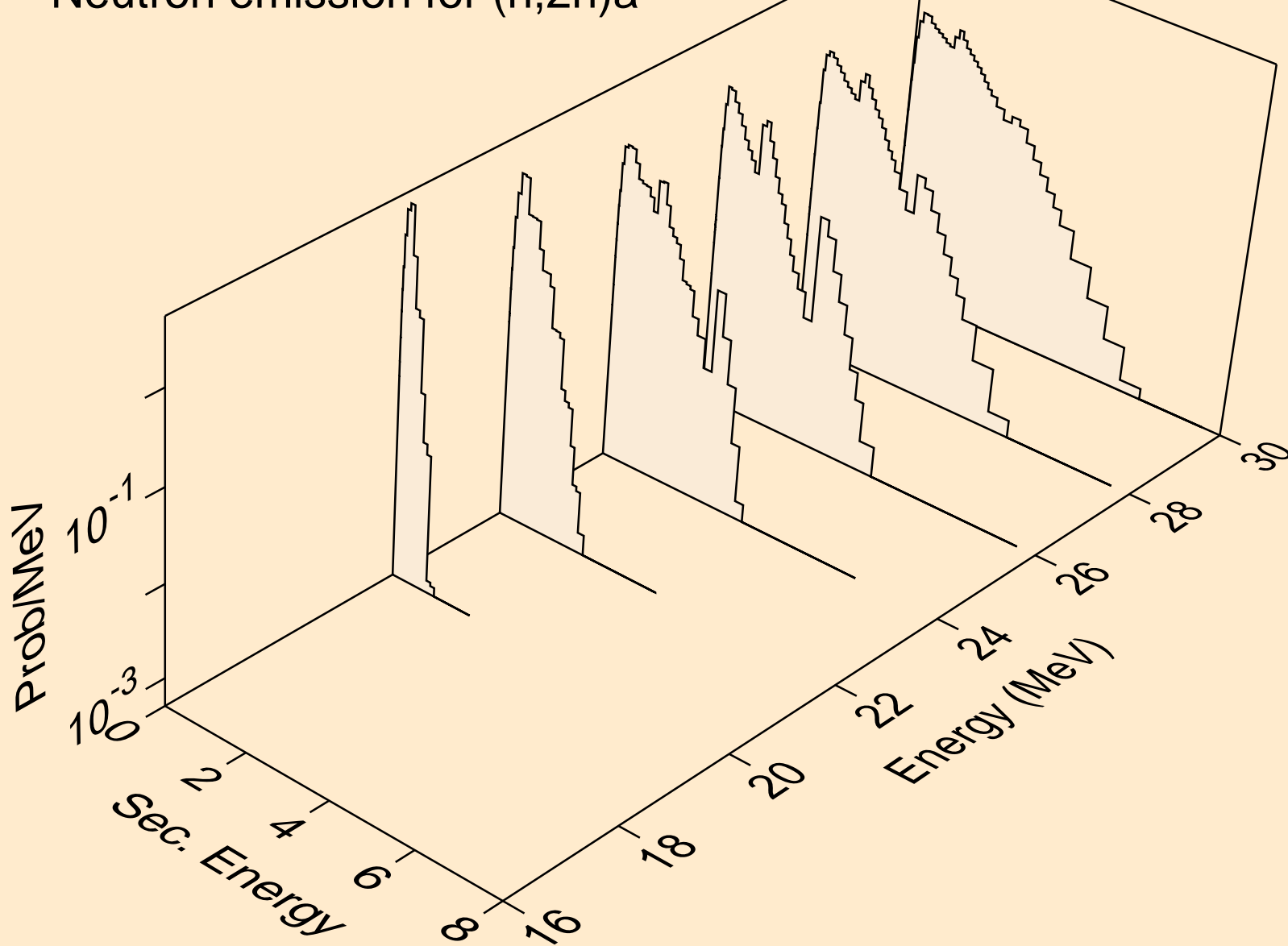




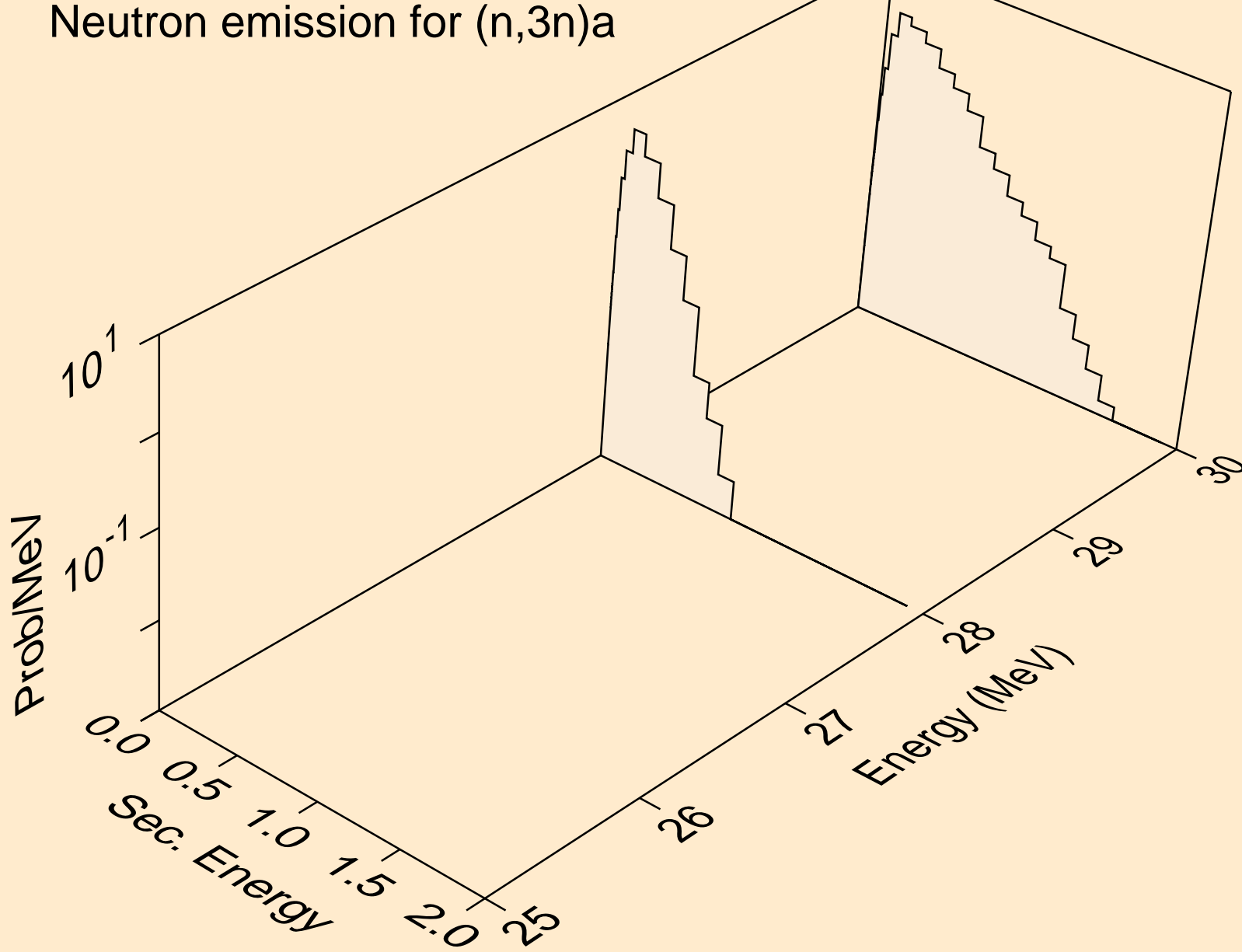
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Neutron emission for (n,n\*)a



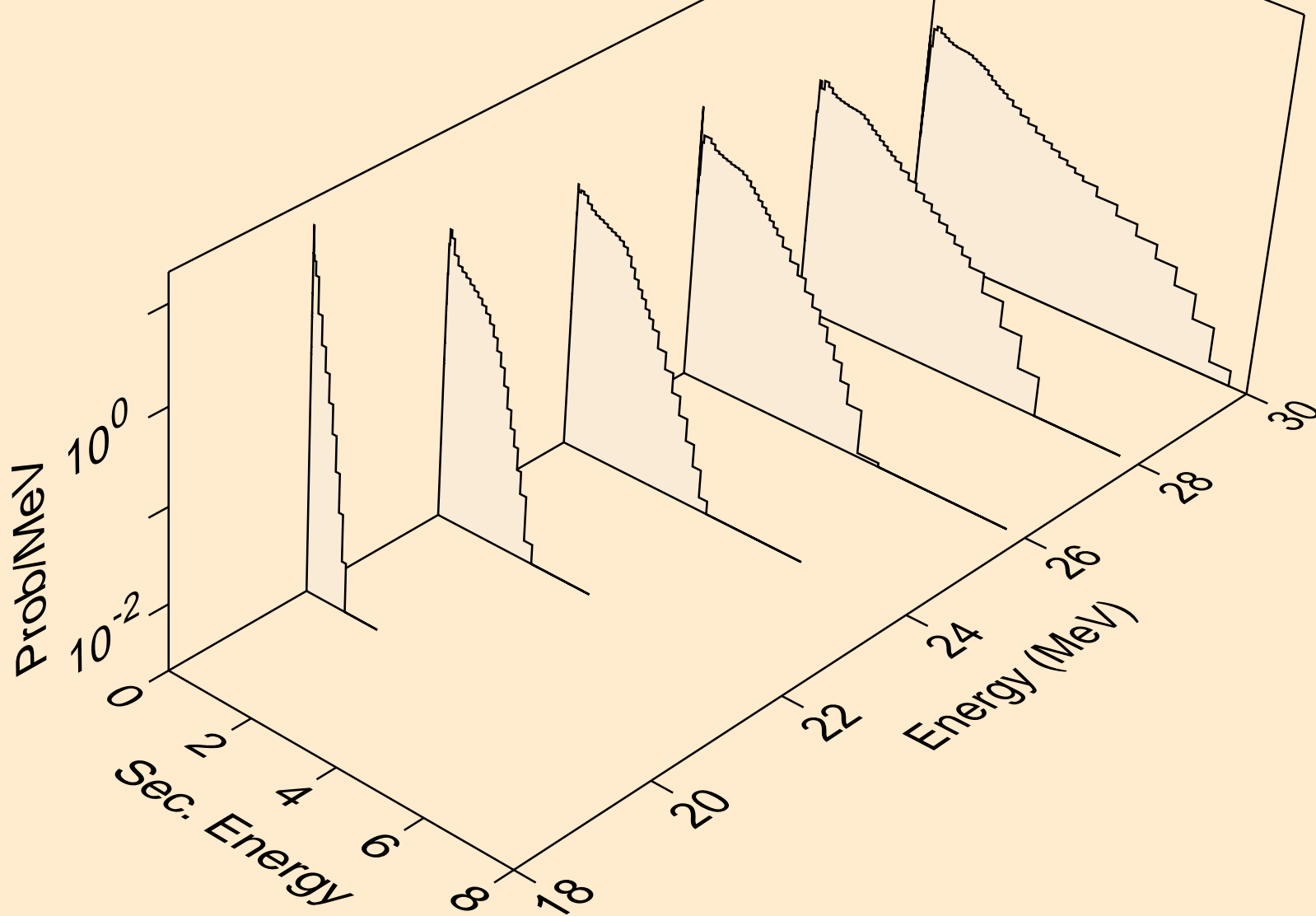
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Neutron emission for (n,2n)a



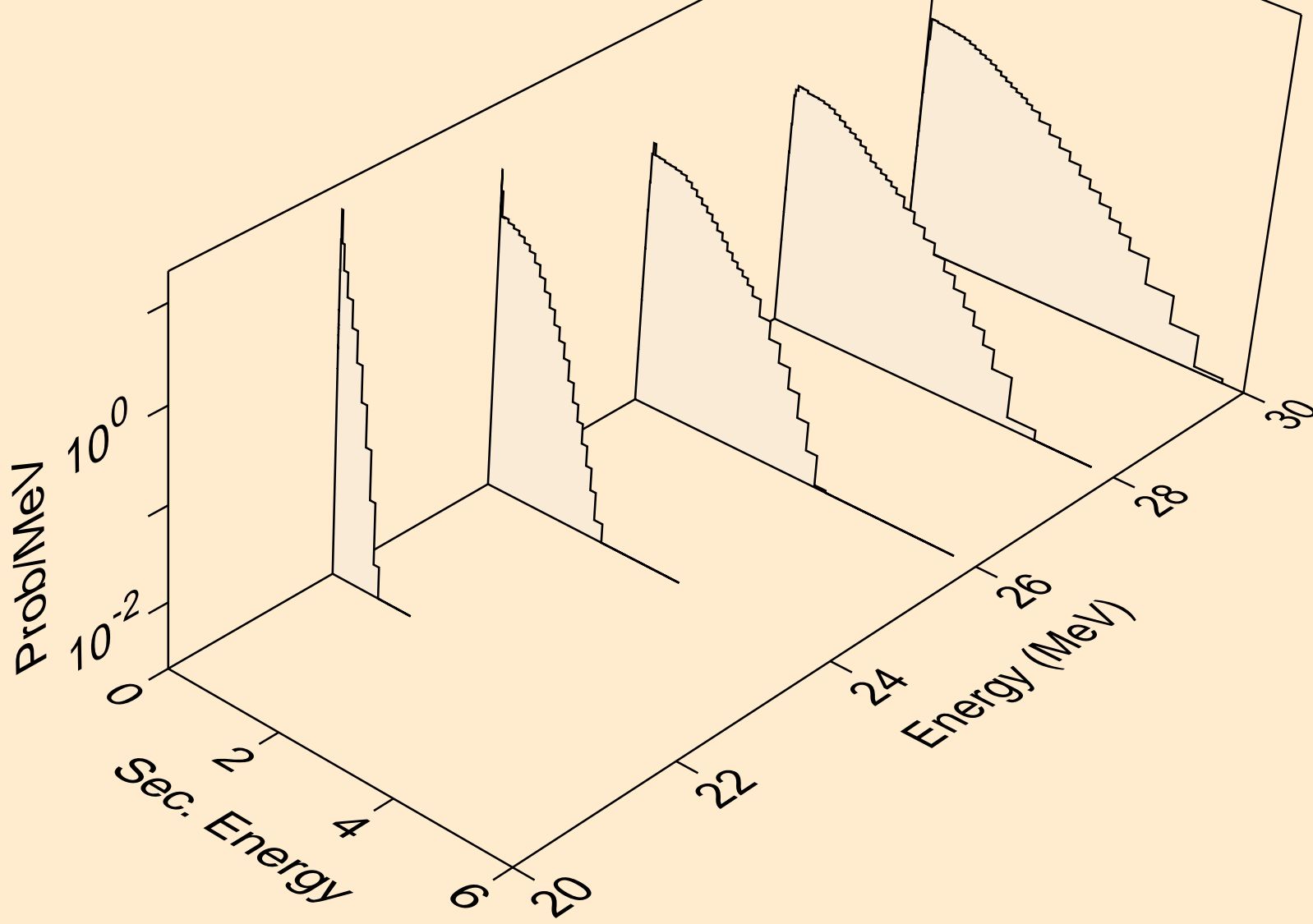
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Neutron emission for (n,3n)a



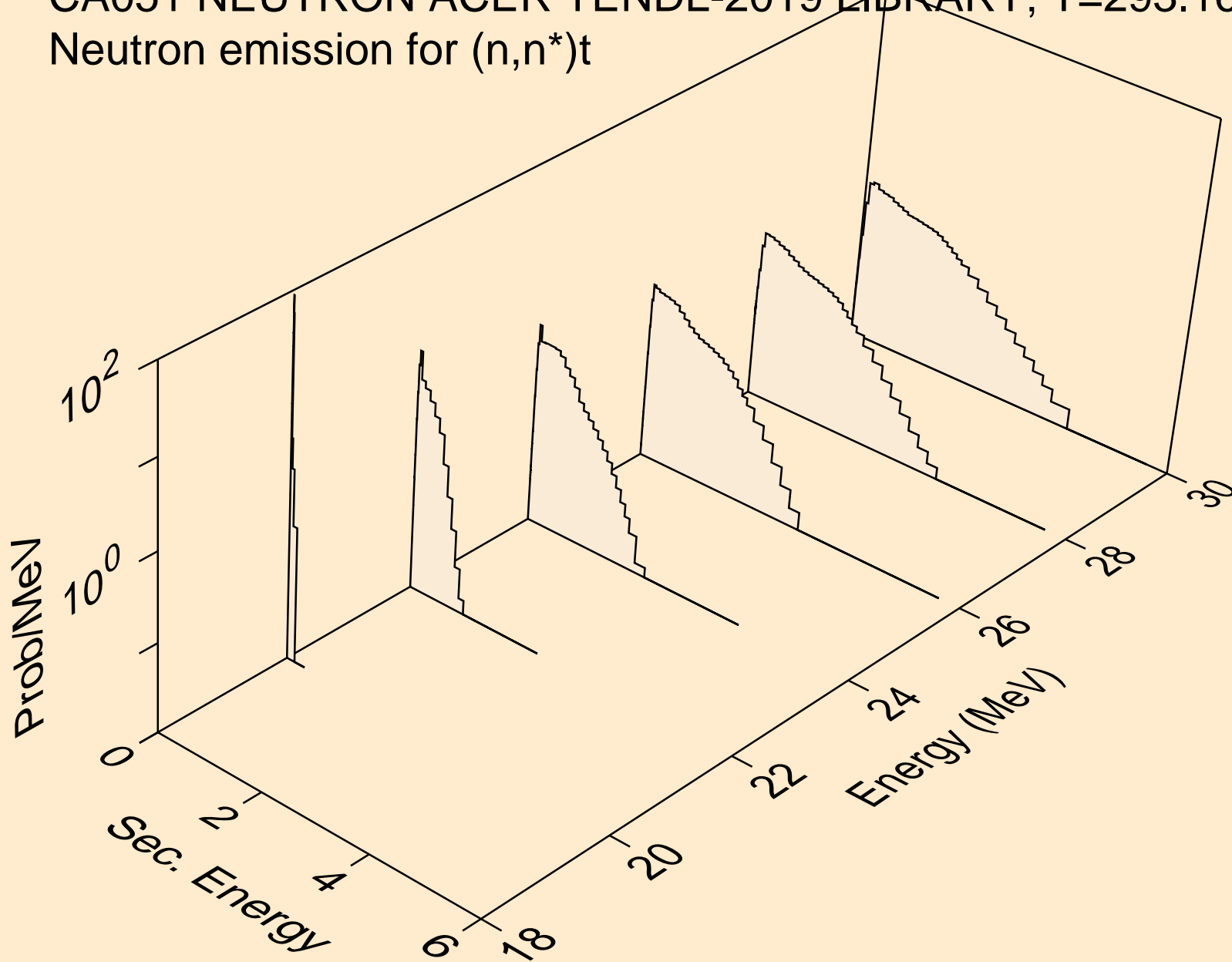
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Neutron emission for (n,n\*)p



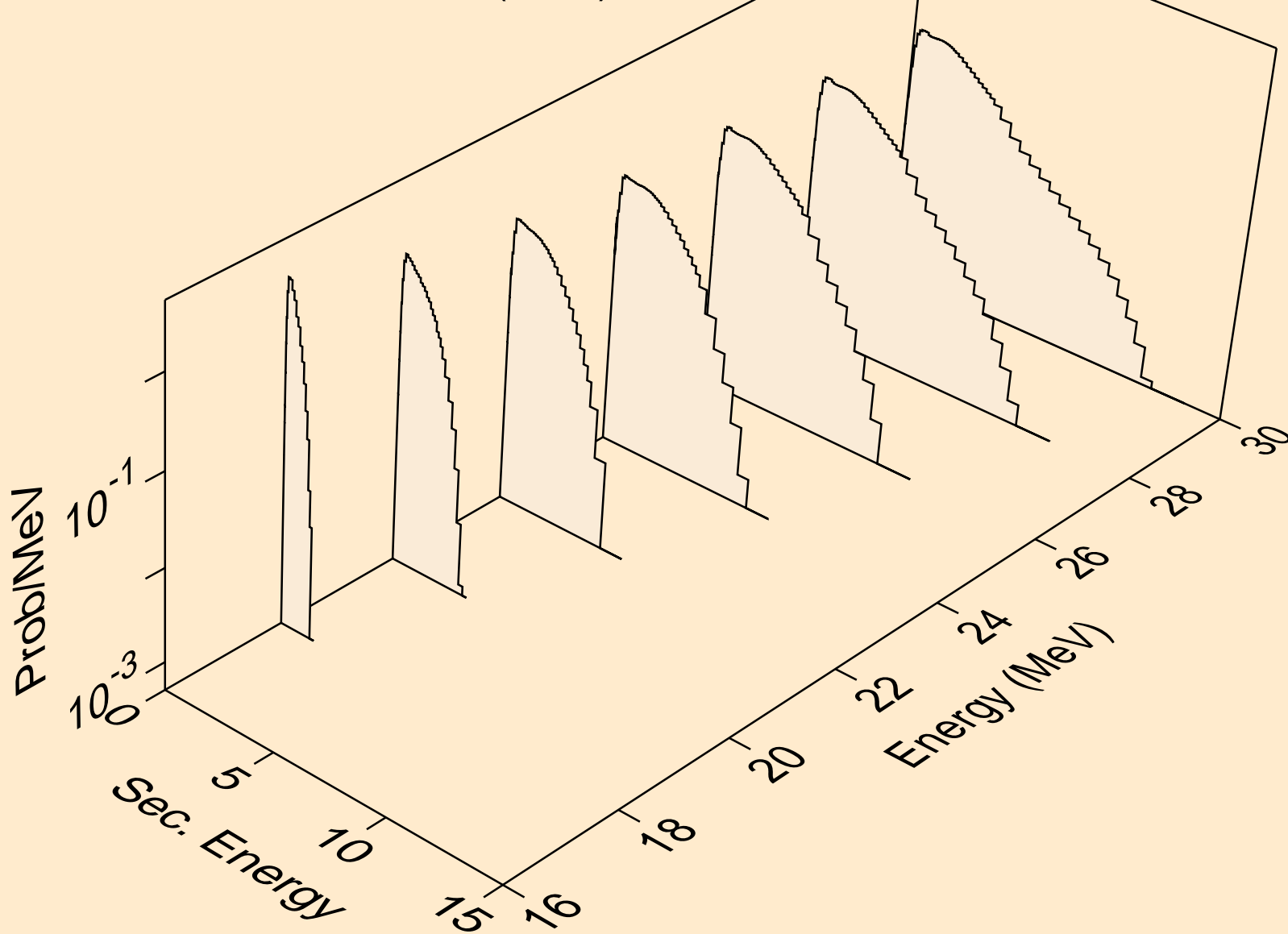
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Neutron emission for (n,n\*)d



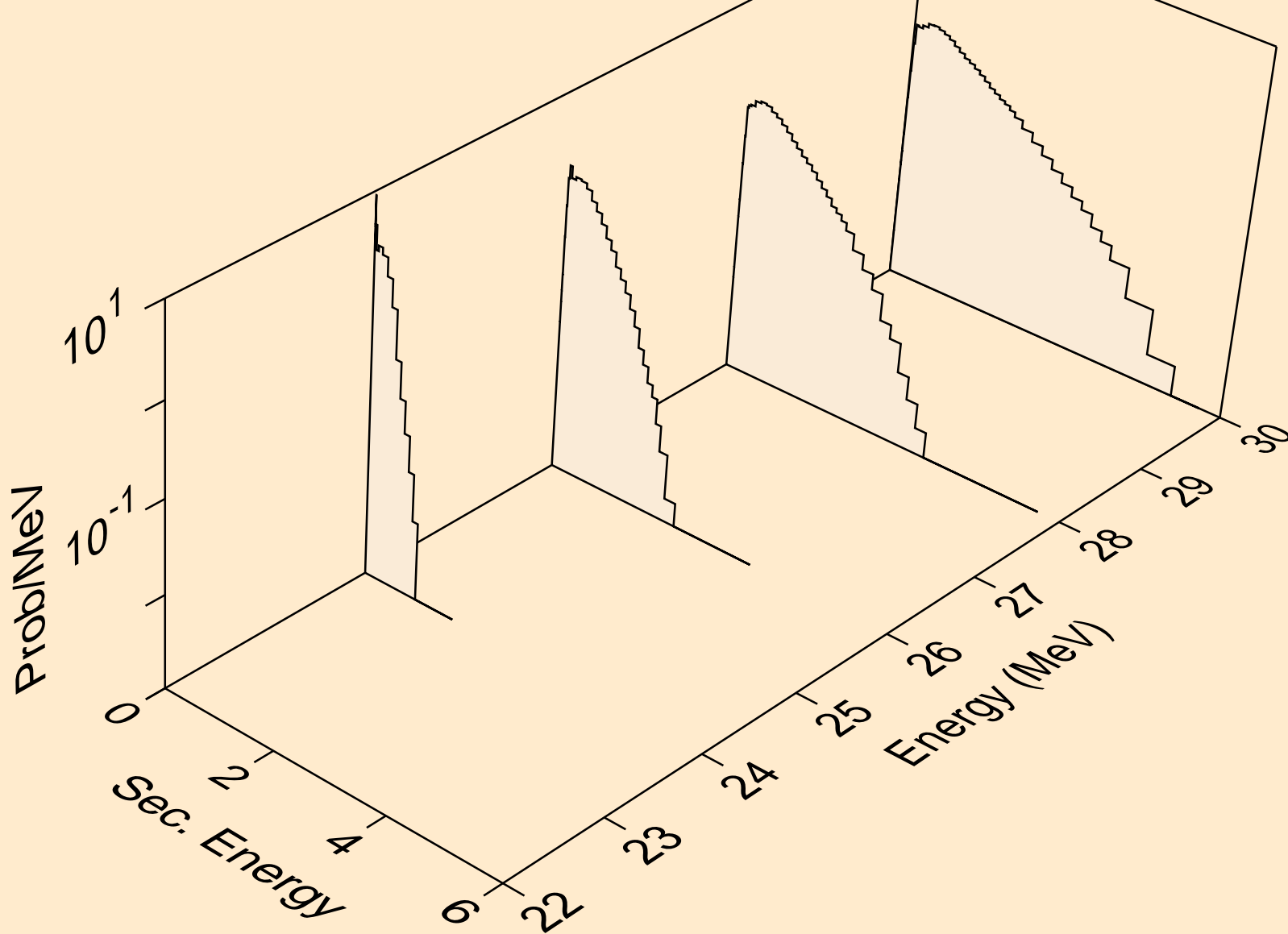
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)

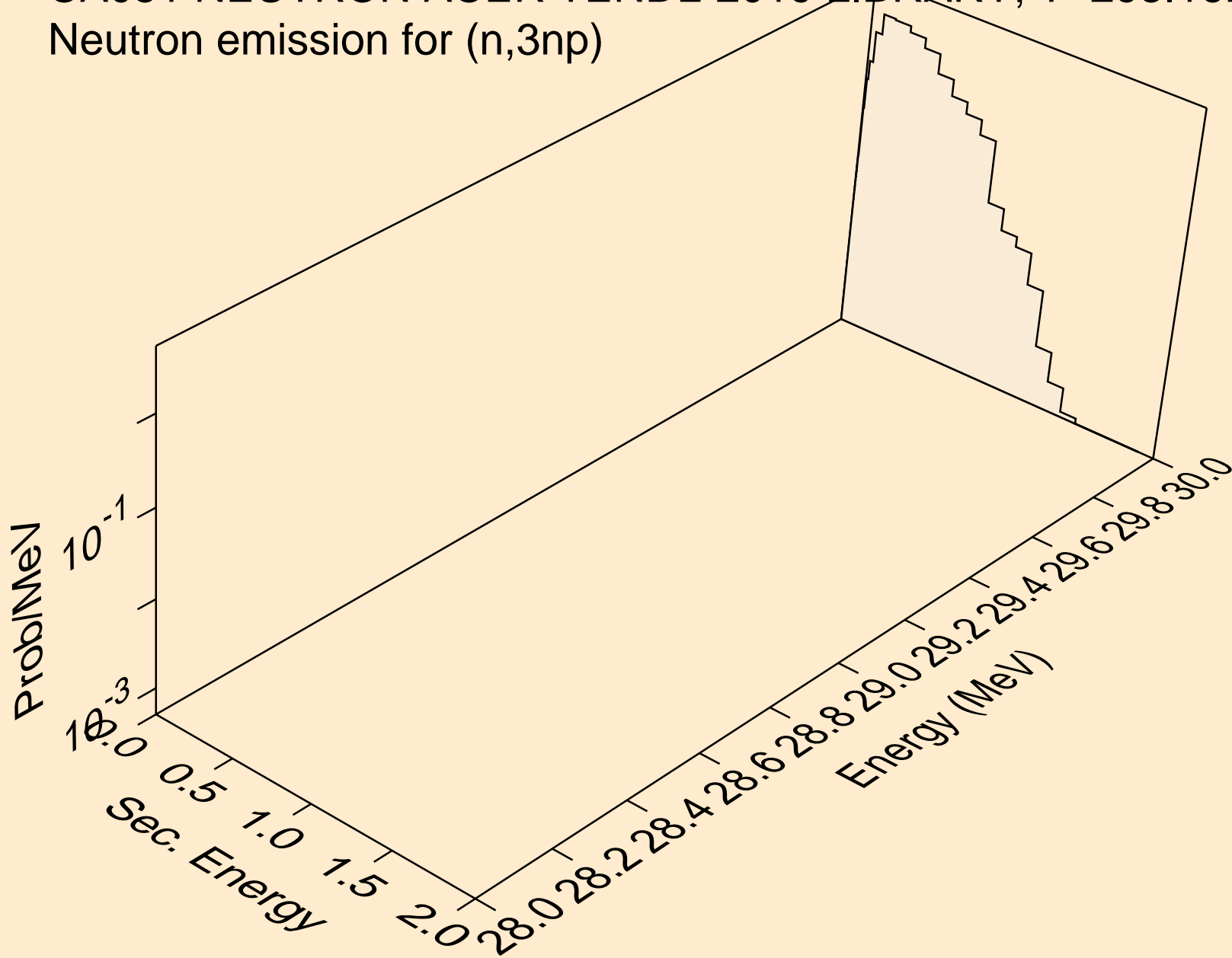


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Neutron emission for (n,2np)

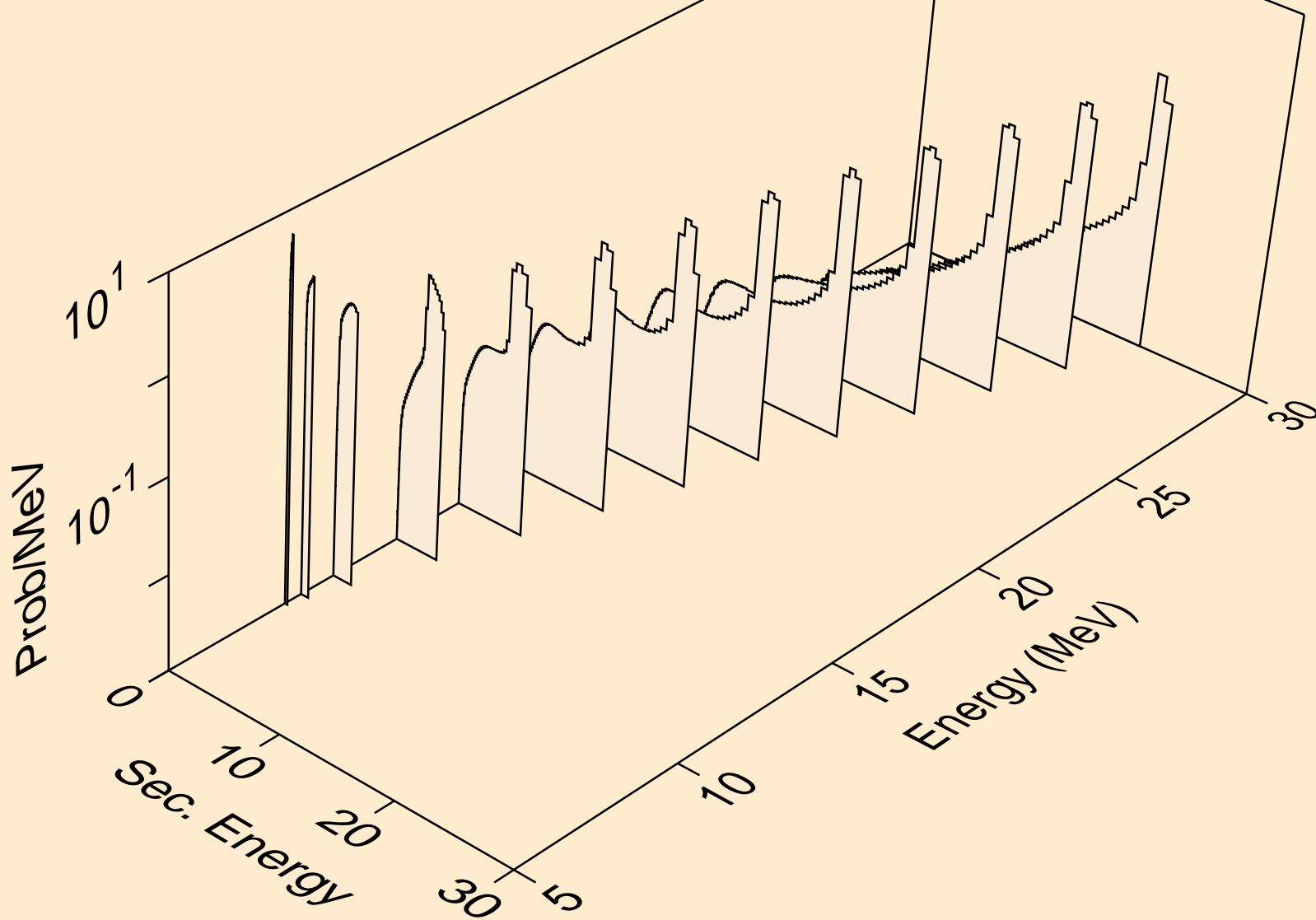




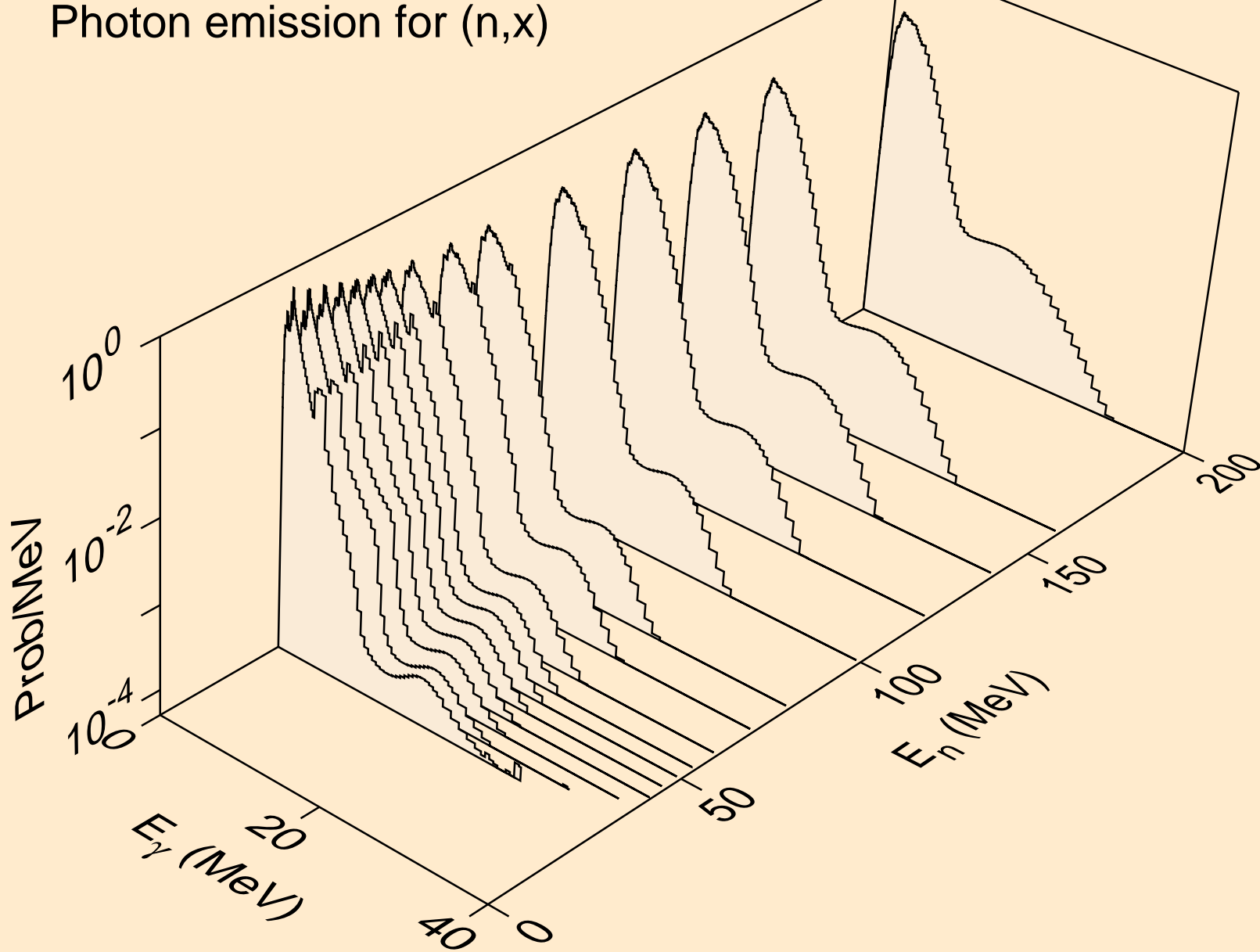
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Neutron emission for (n,3np)



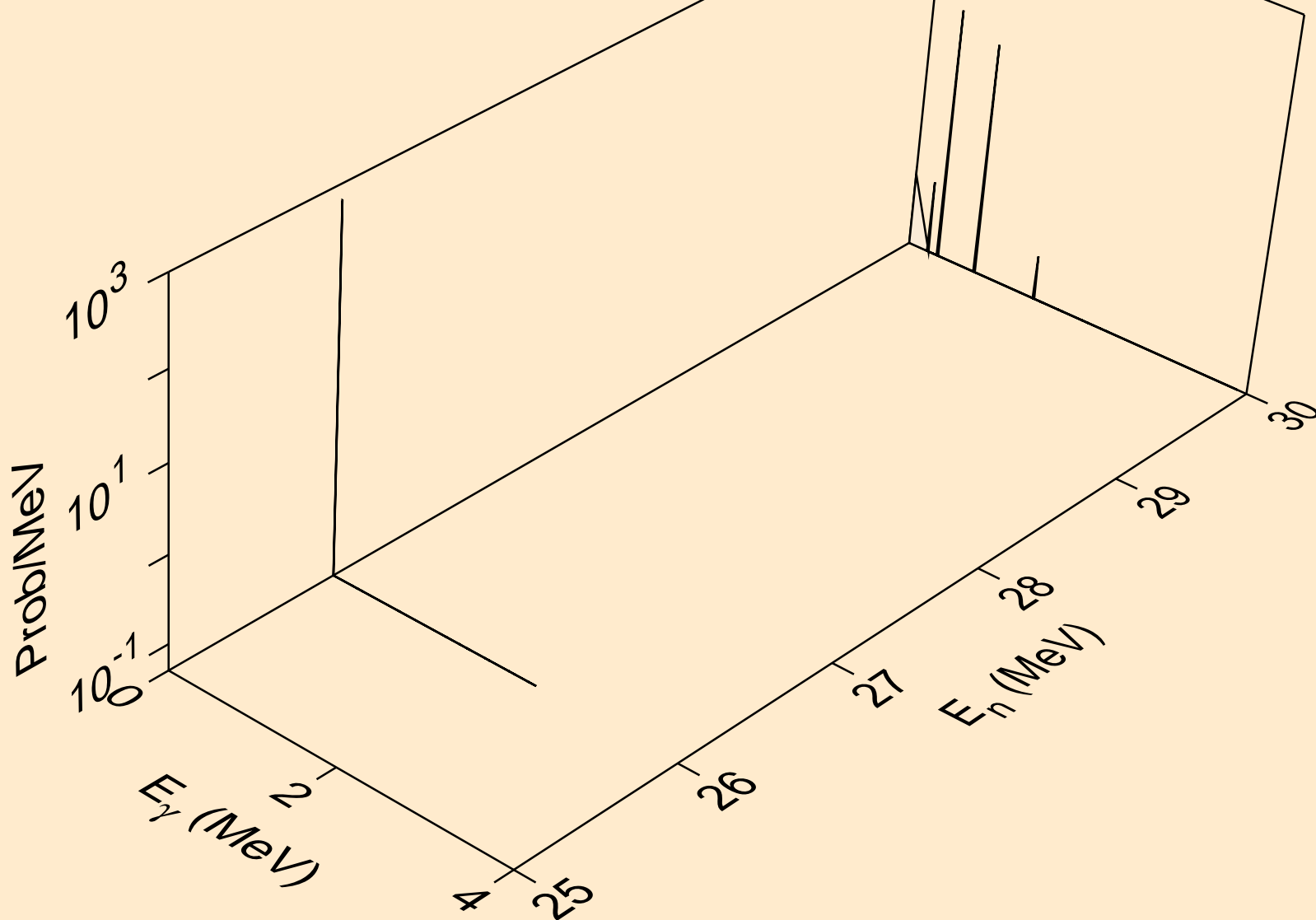
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Neutron emission for (n,n\*c)



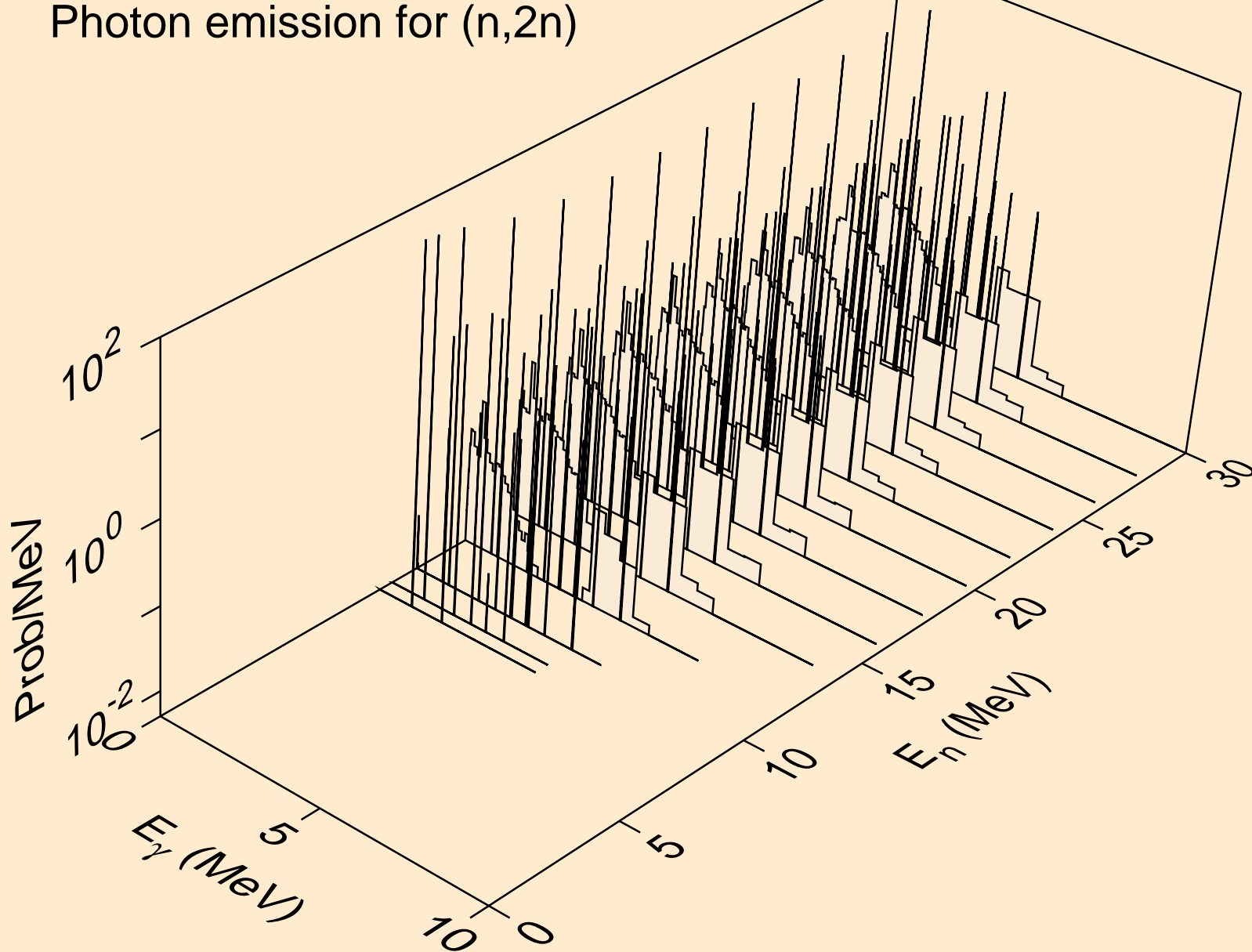
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Photon emission for (n,x)



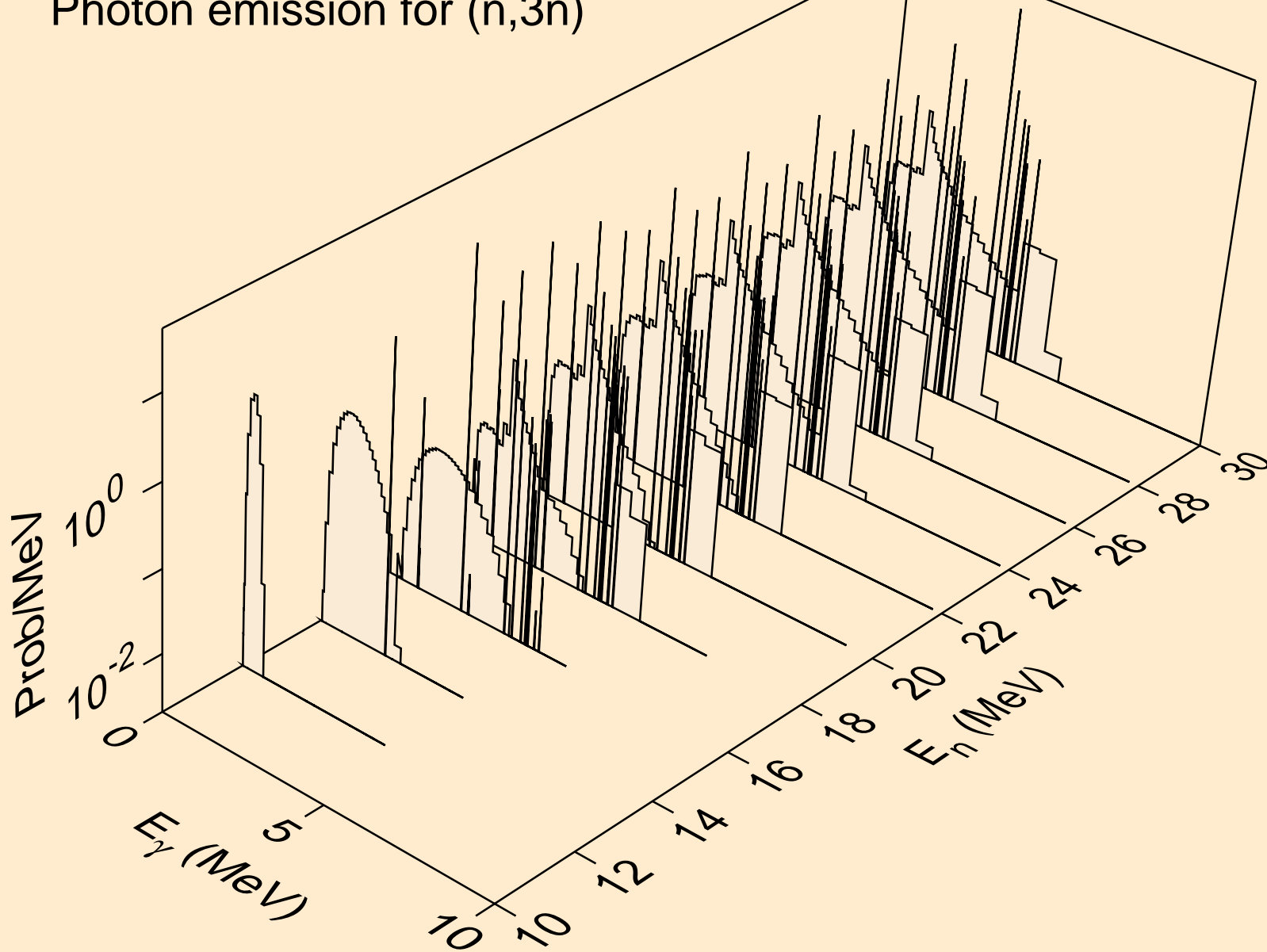
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Photon emission for (n,2nd)



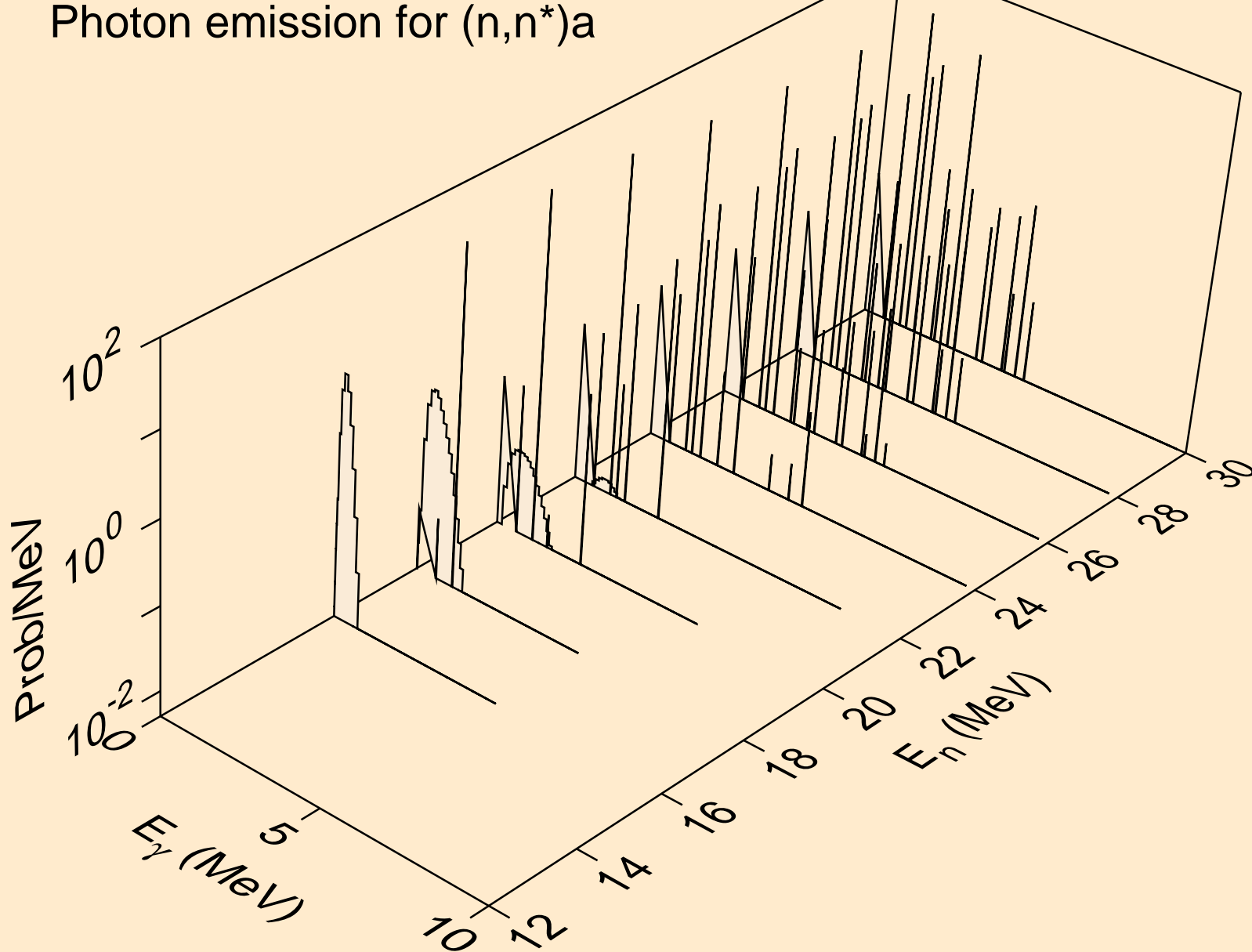
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Photon emission for (n,2n)



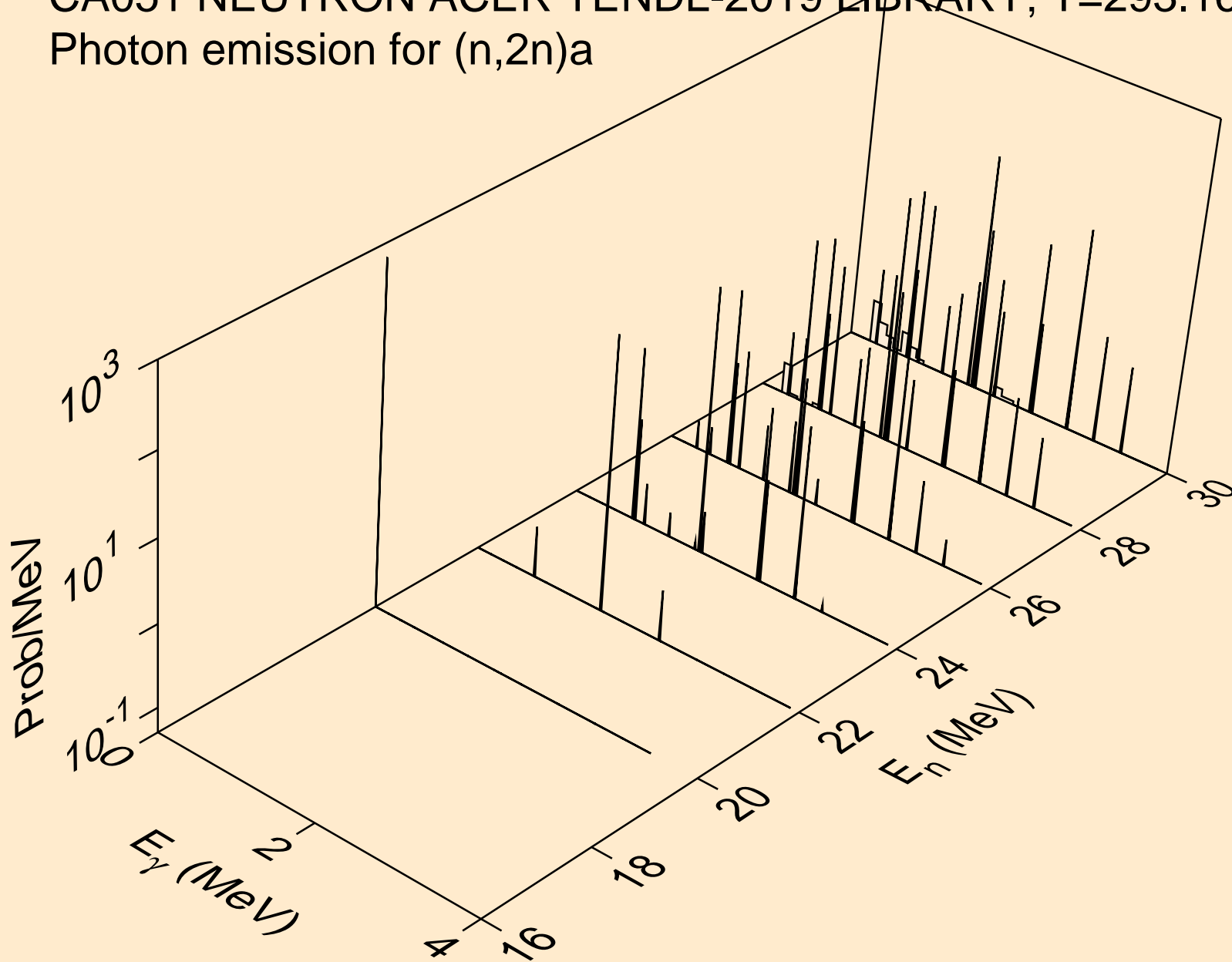
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

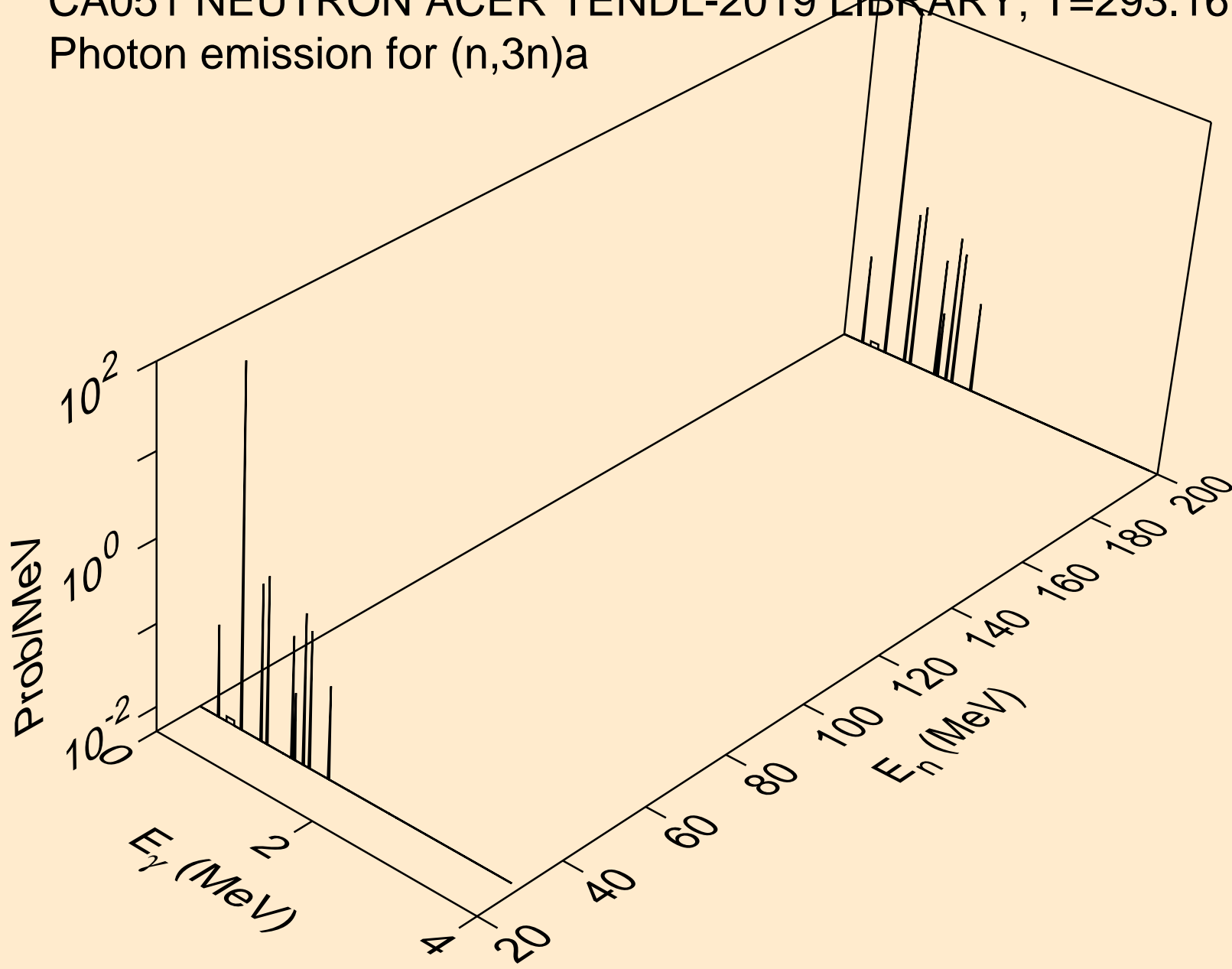


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Photon emission for (n,2n)a

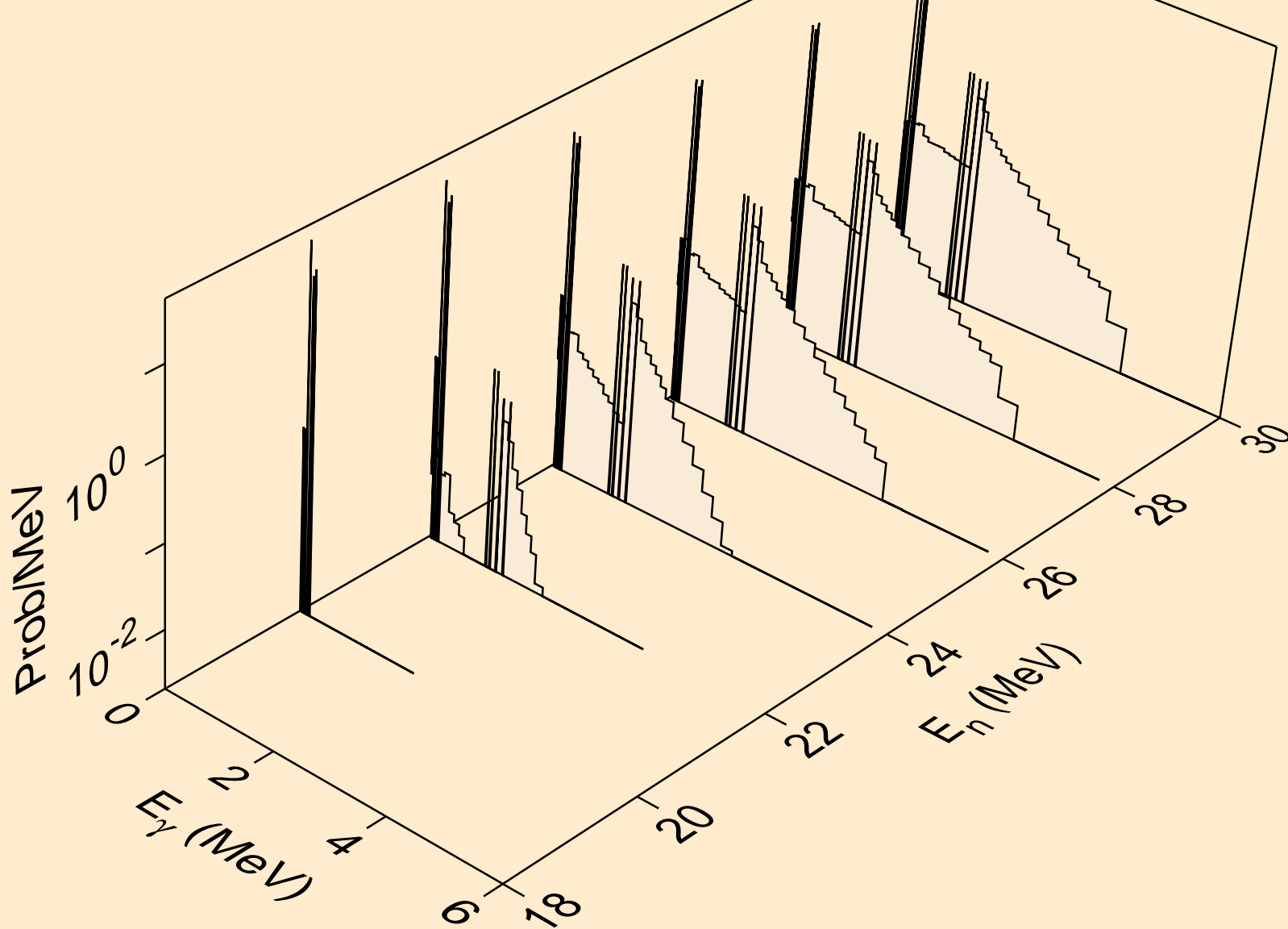




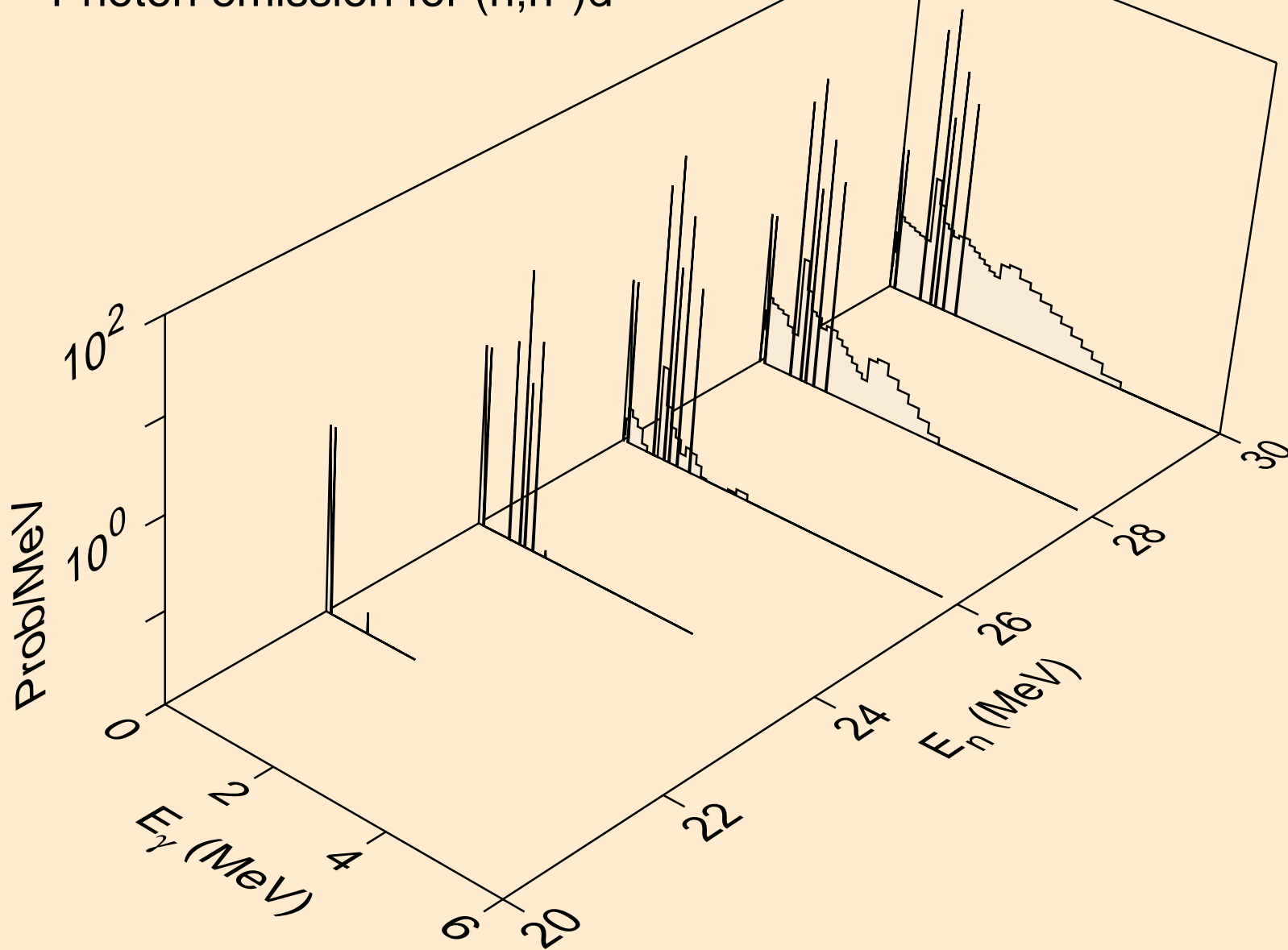
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Photon emission for (n,3n)a



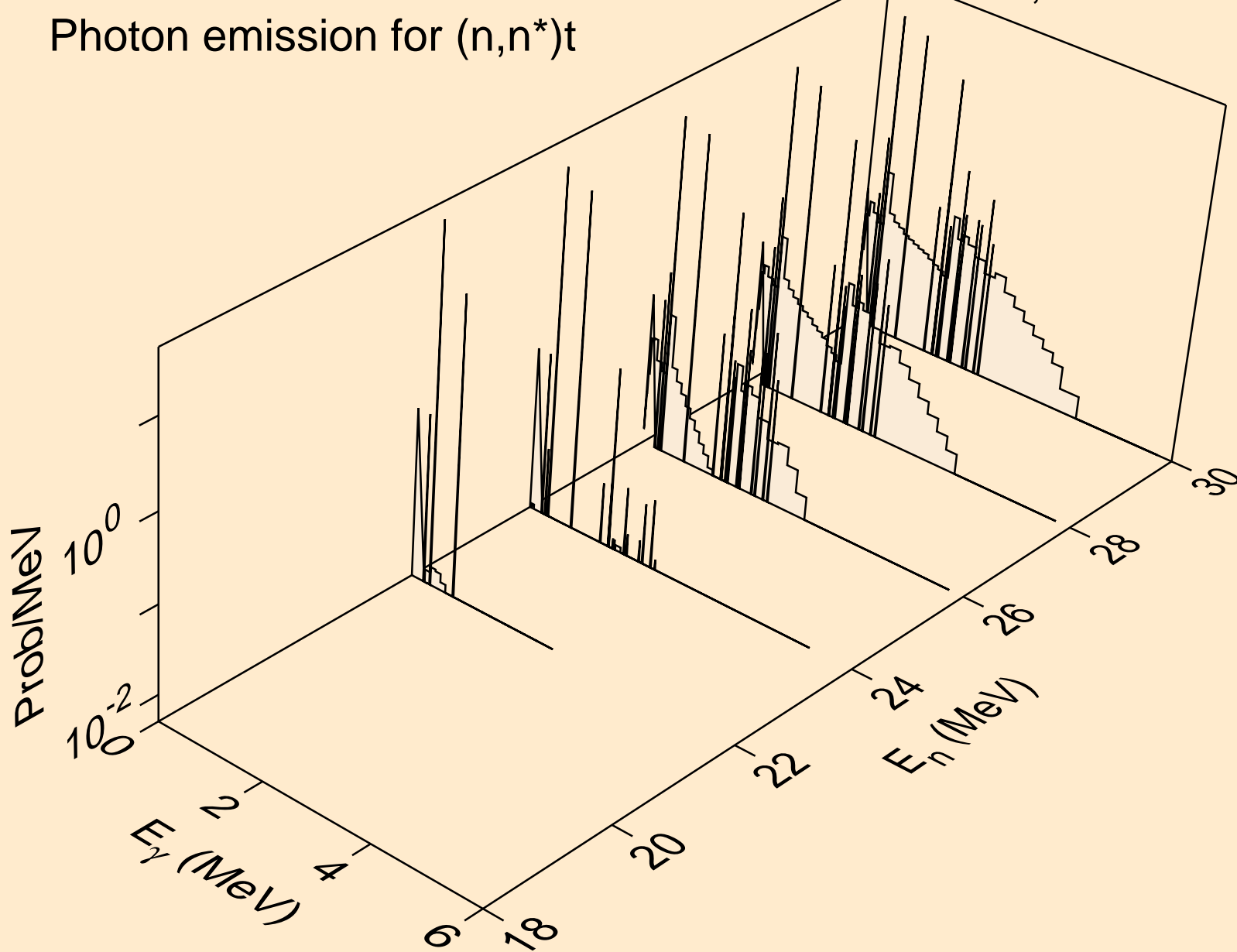
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Photon emission for (n,n\*)p



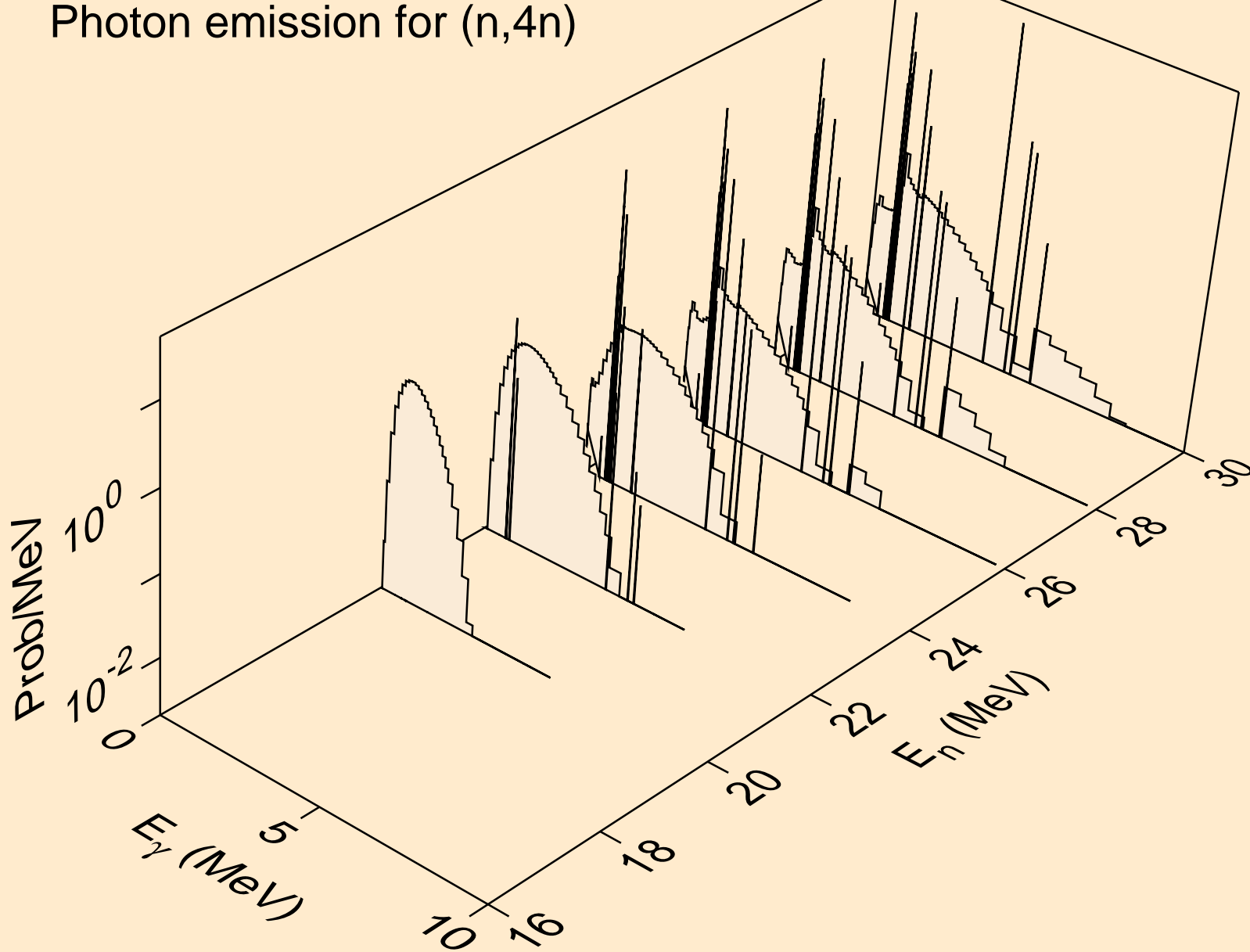
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Photon emission for (n,n\*)d



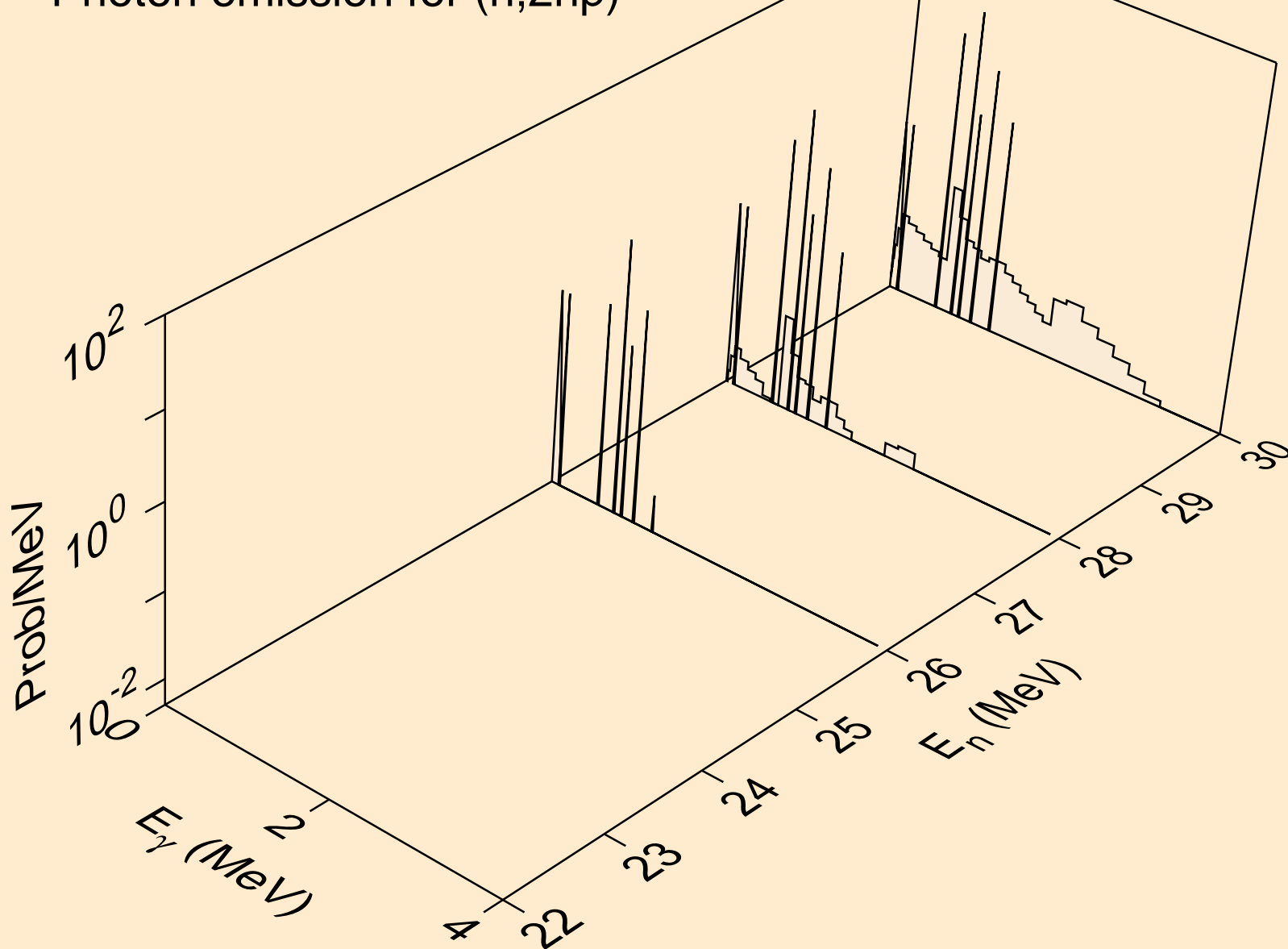
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Photon emission for (n,n\*)t



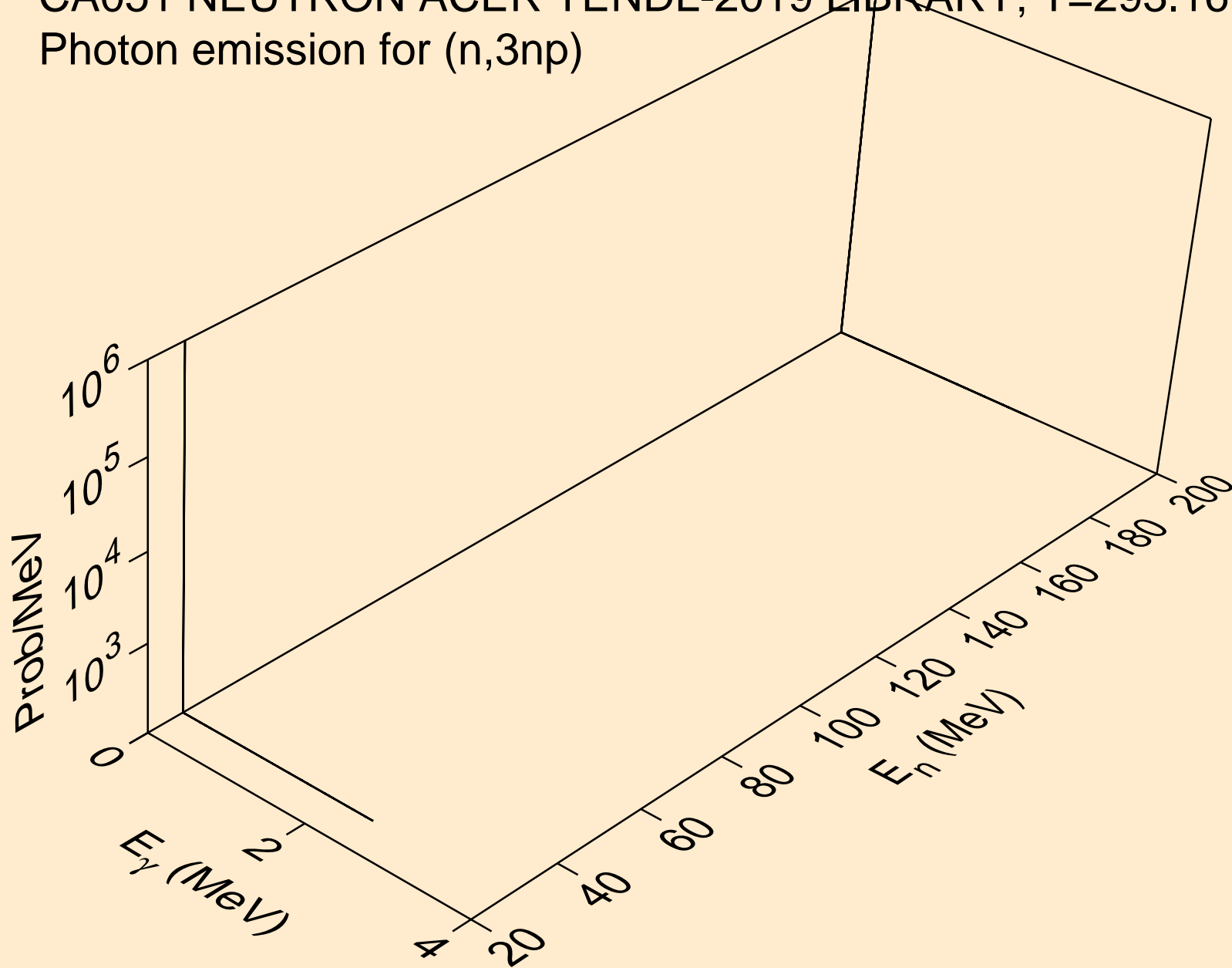
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Photon emission for (n,4n)



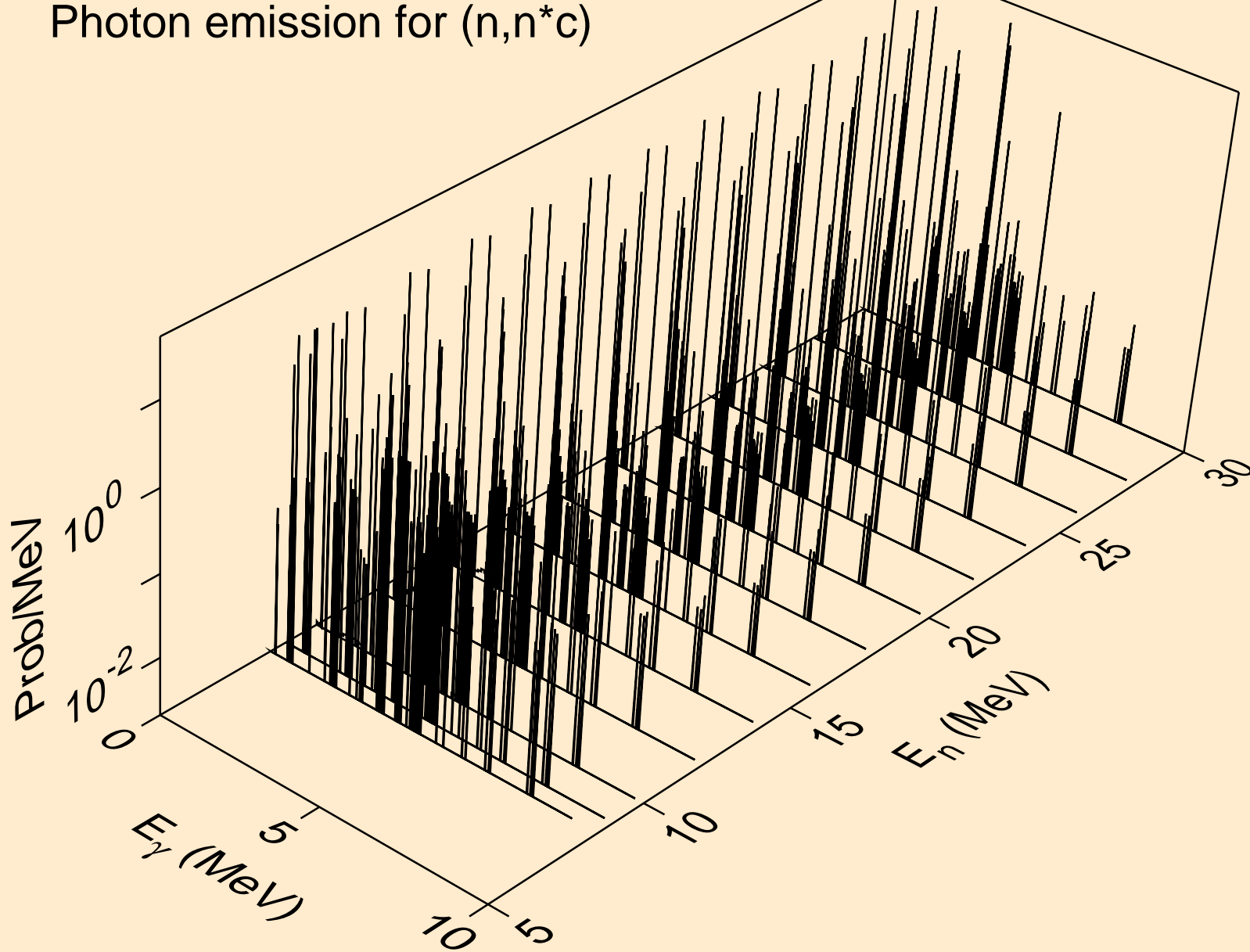
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

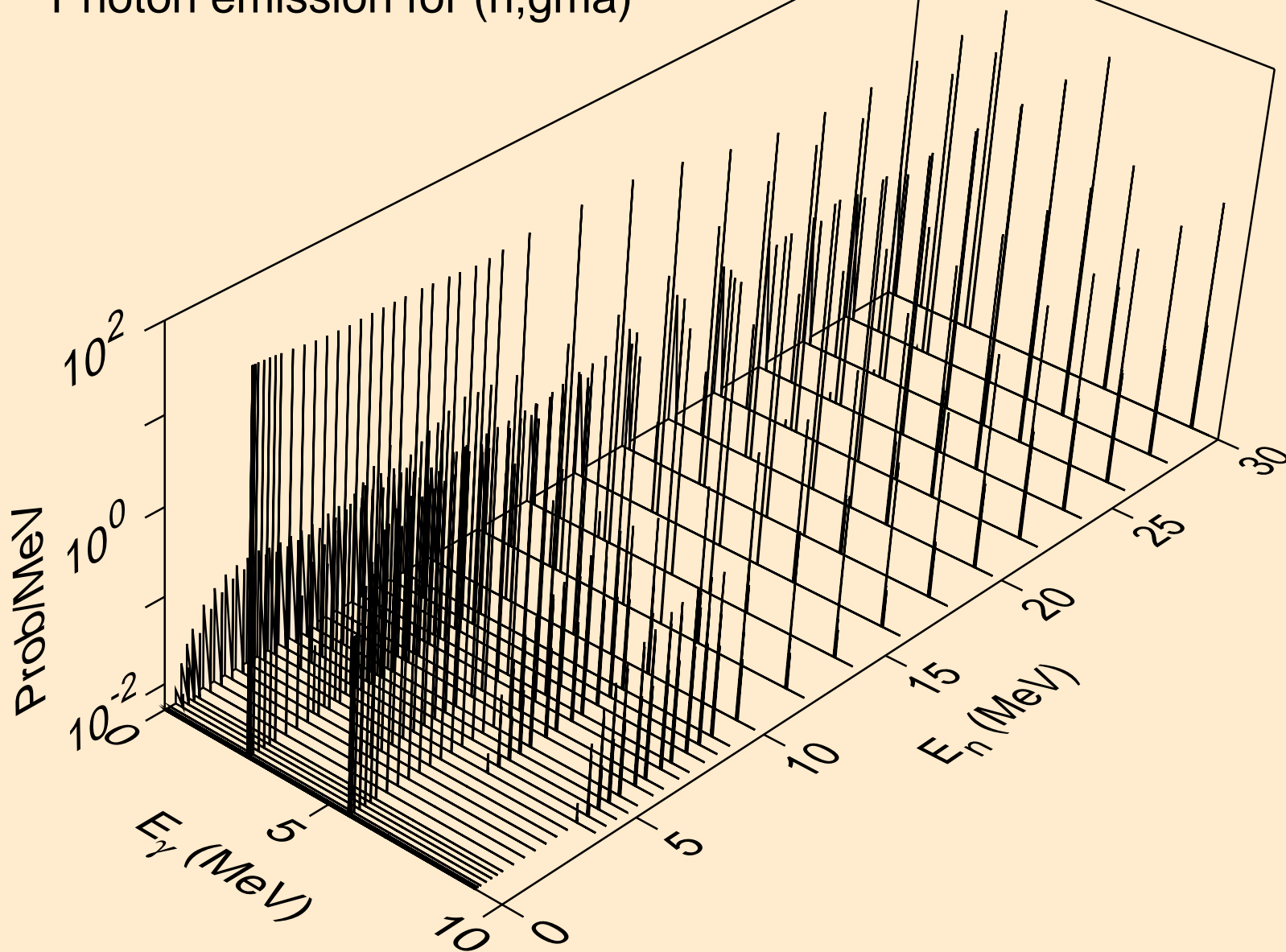


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Photon emission for (n,n\*c)

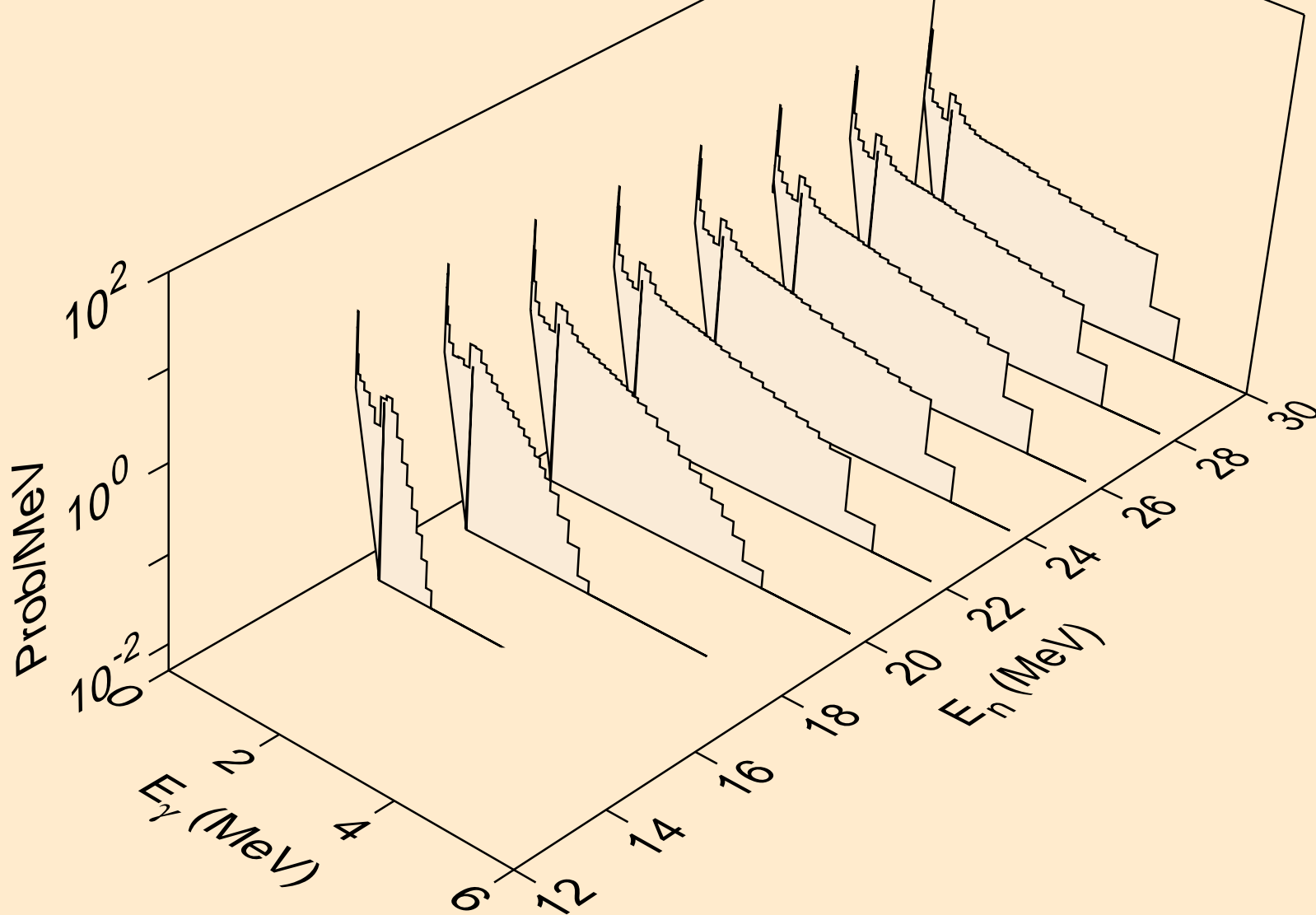




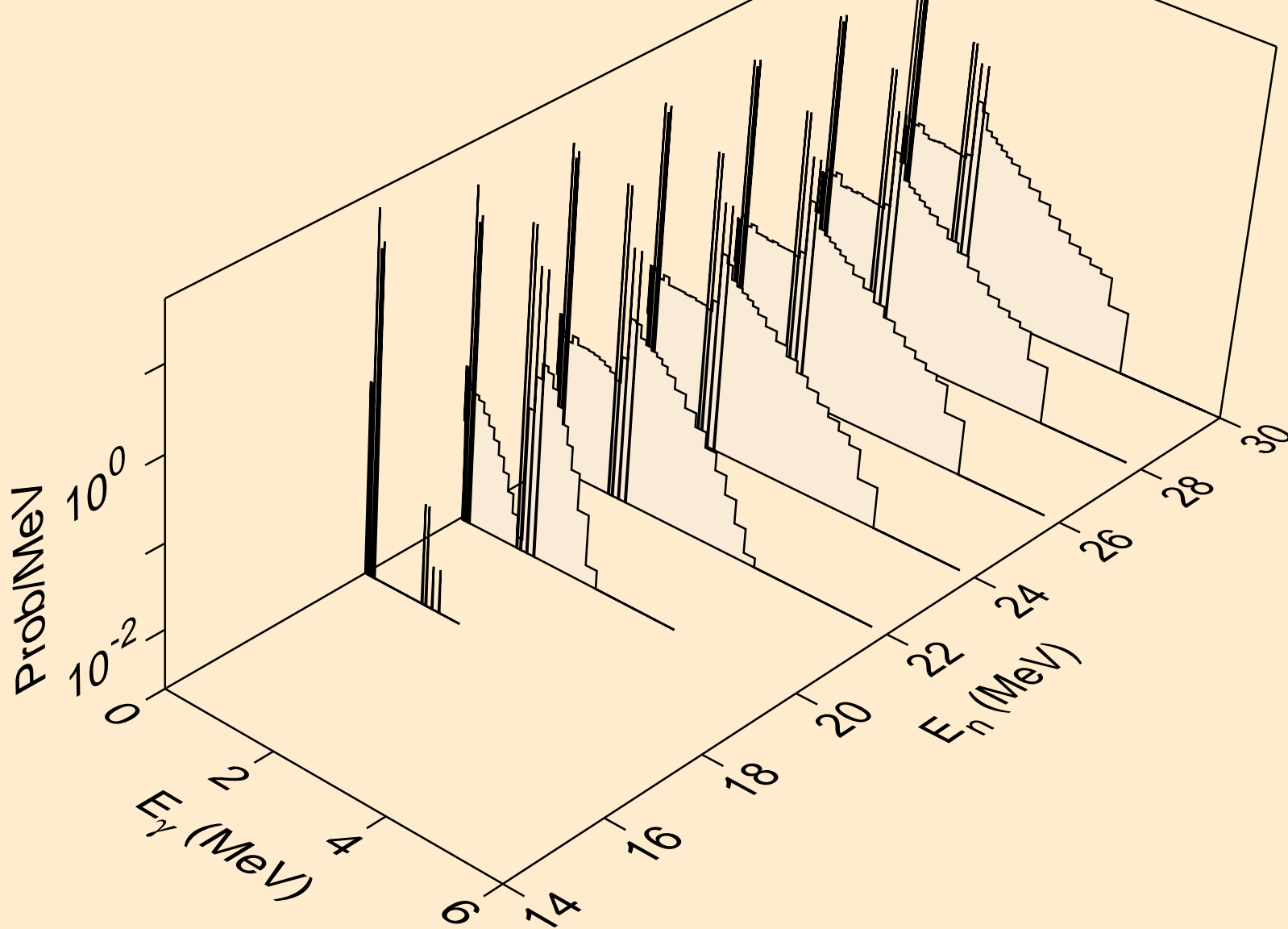
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Photon emission for (n,gma)



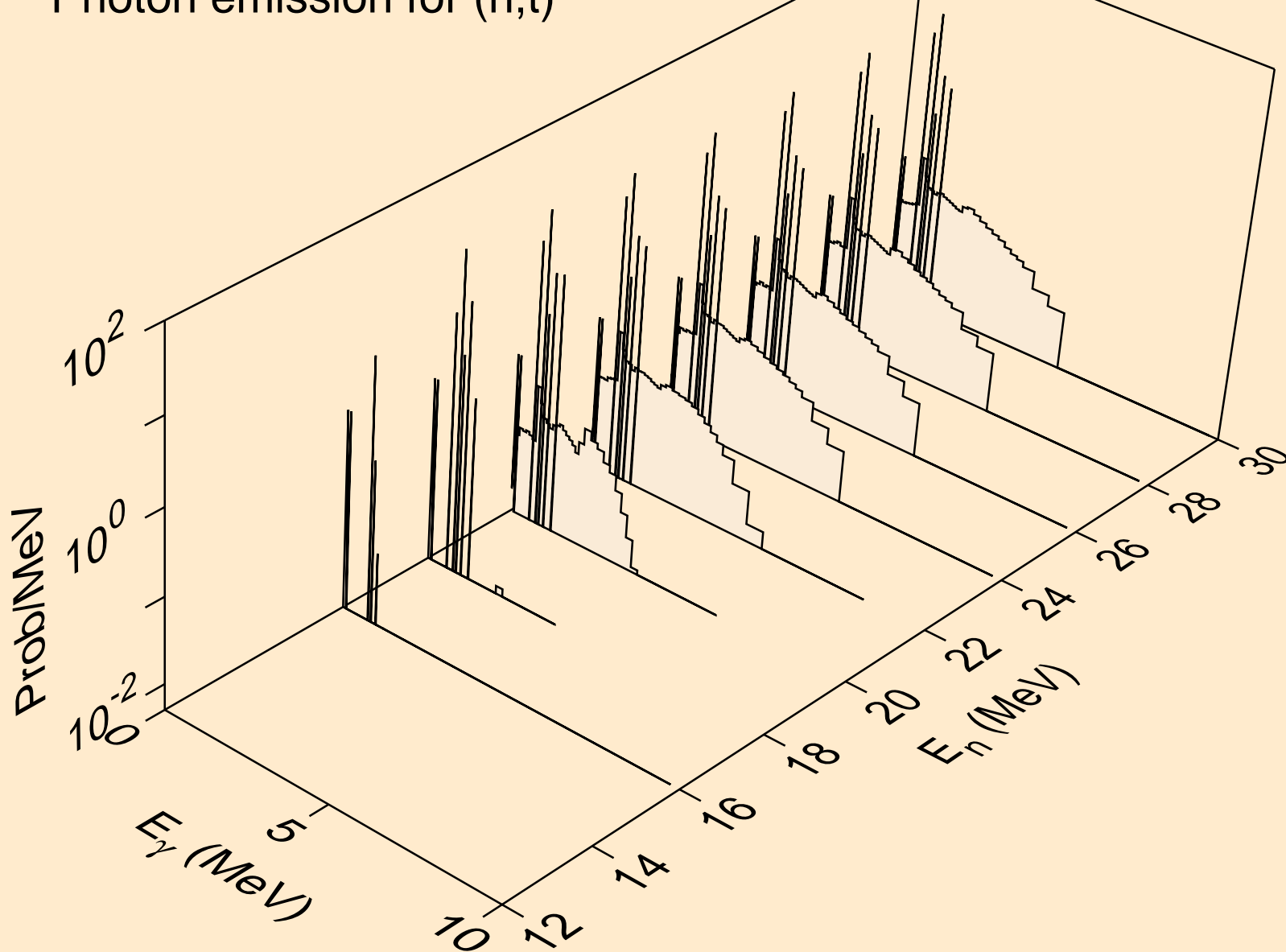
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Photon emission for (n,p)



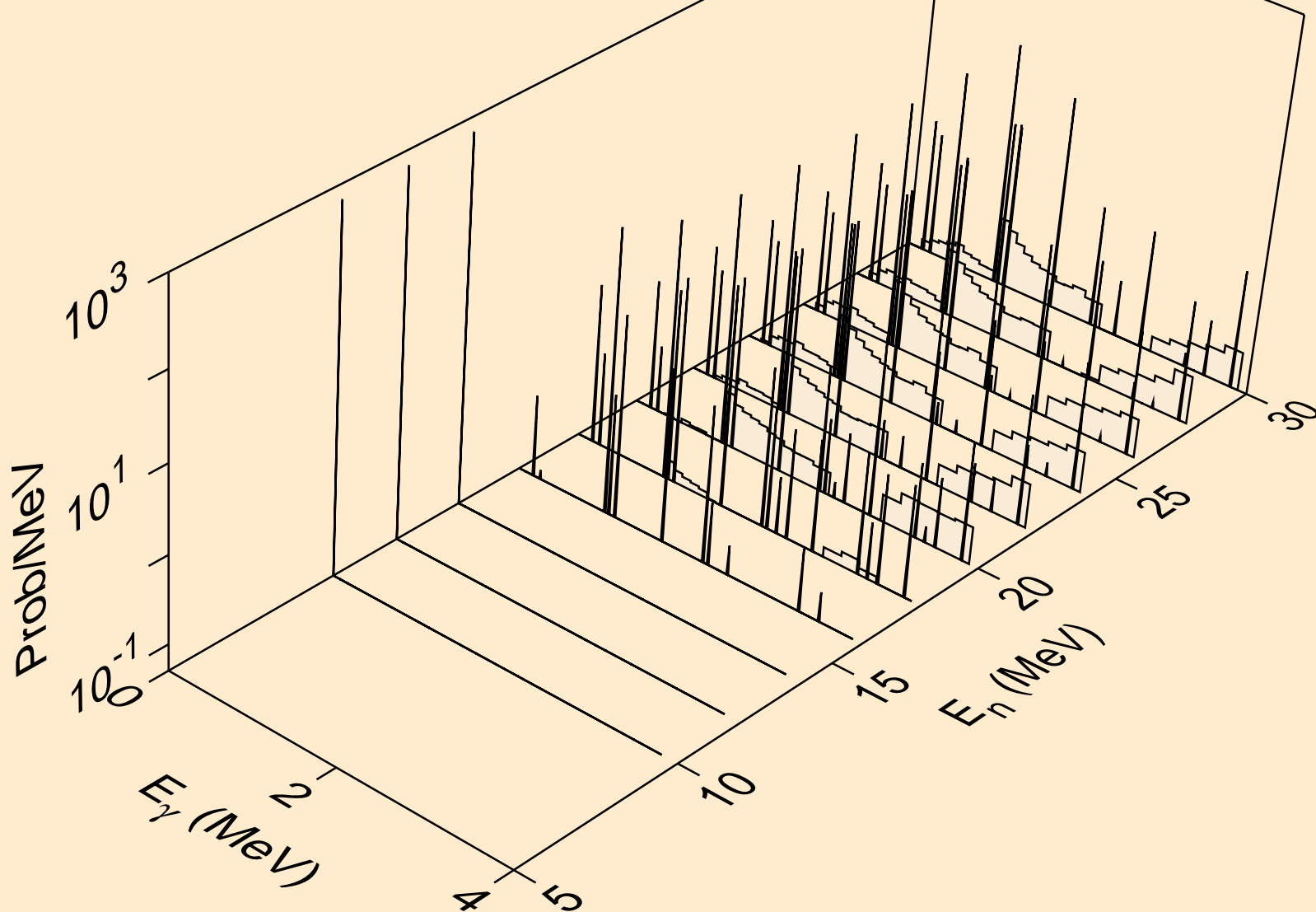
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Photon emission for (n,d)



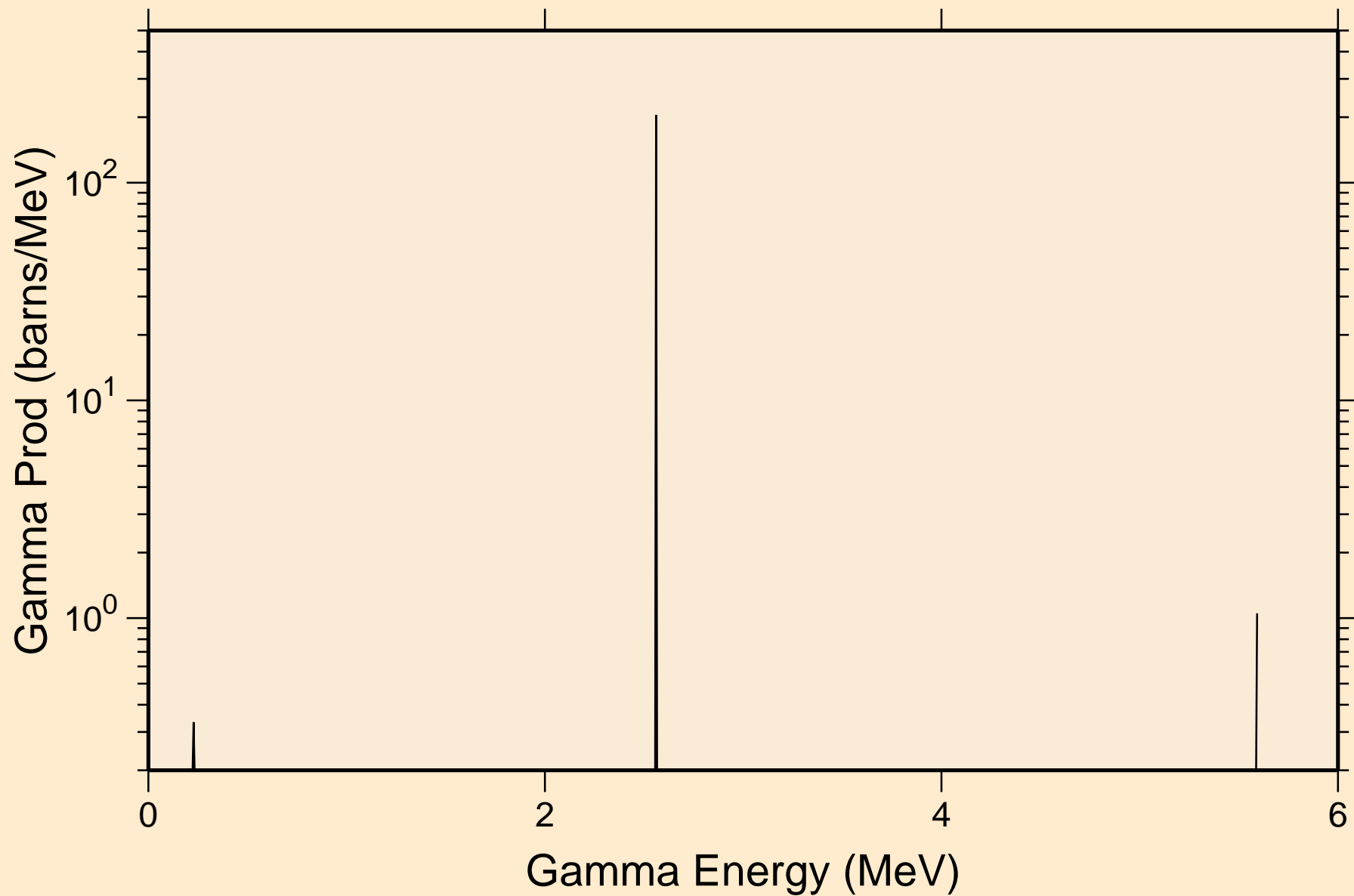
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



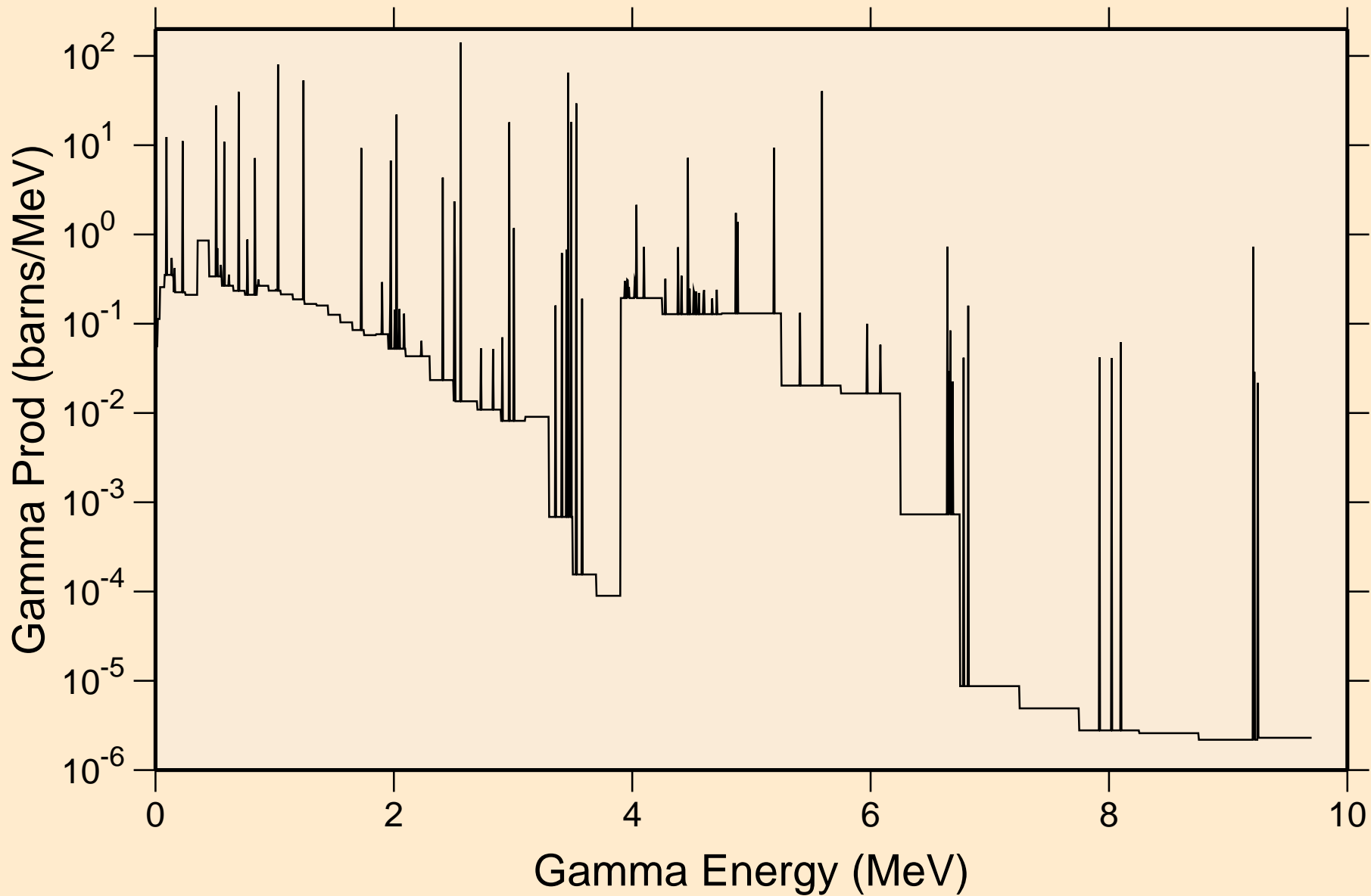
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



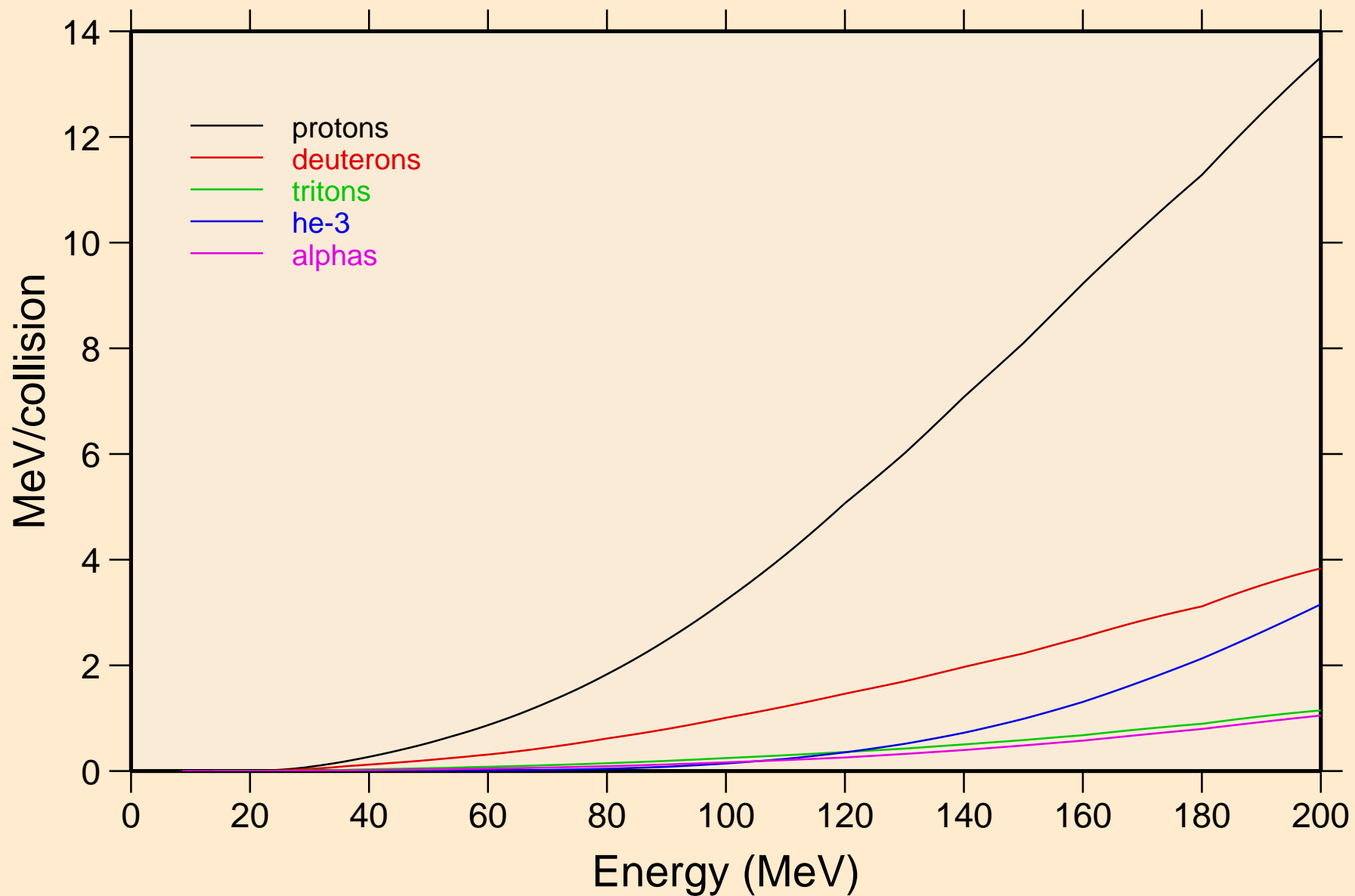
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

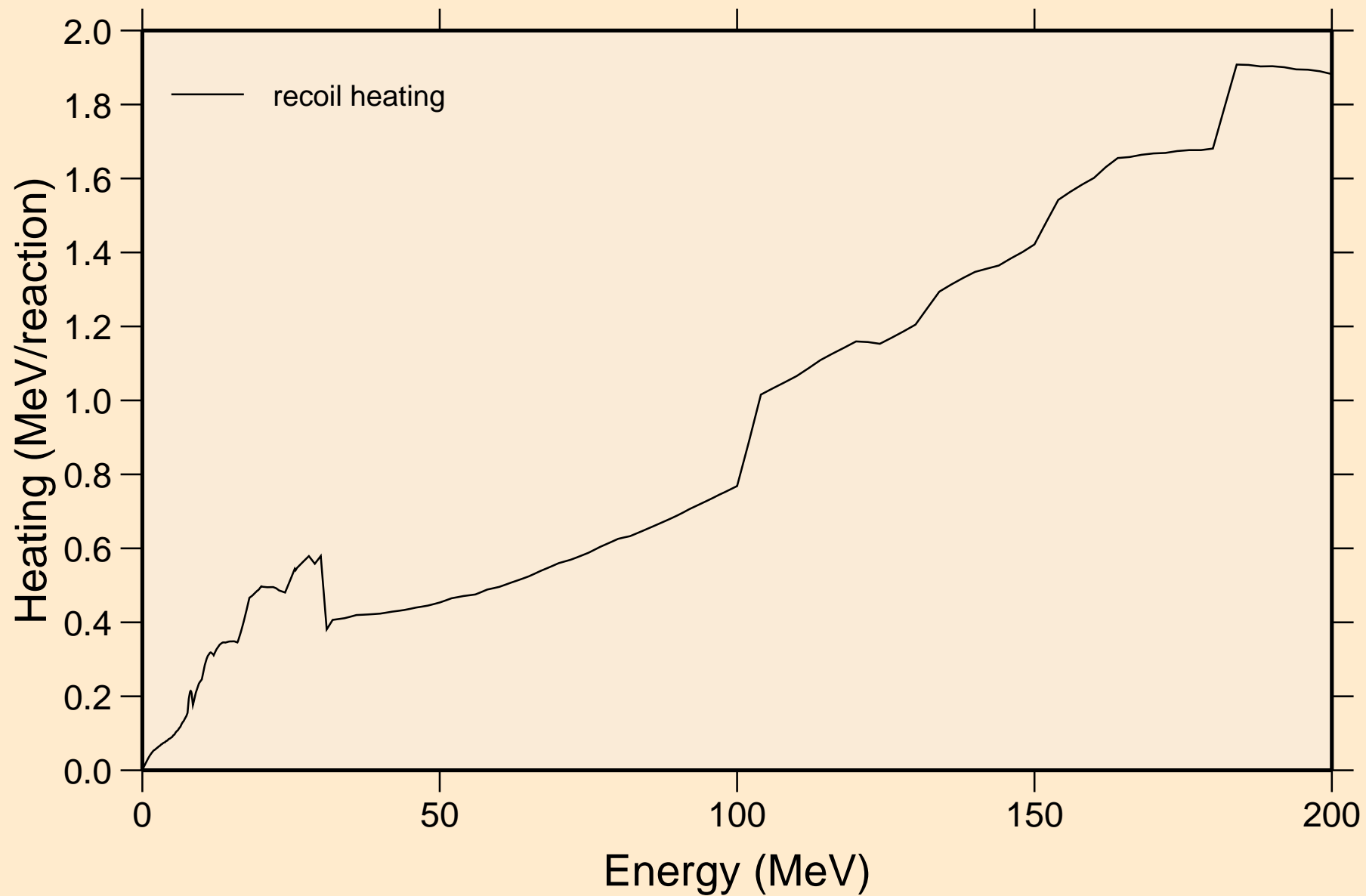


CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions

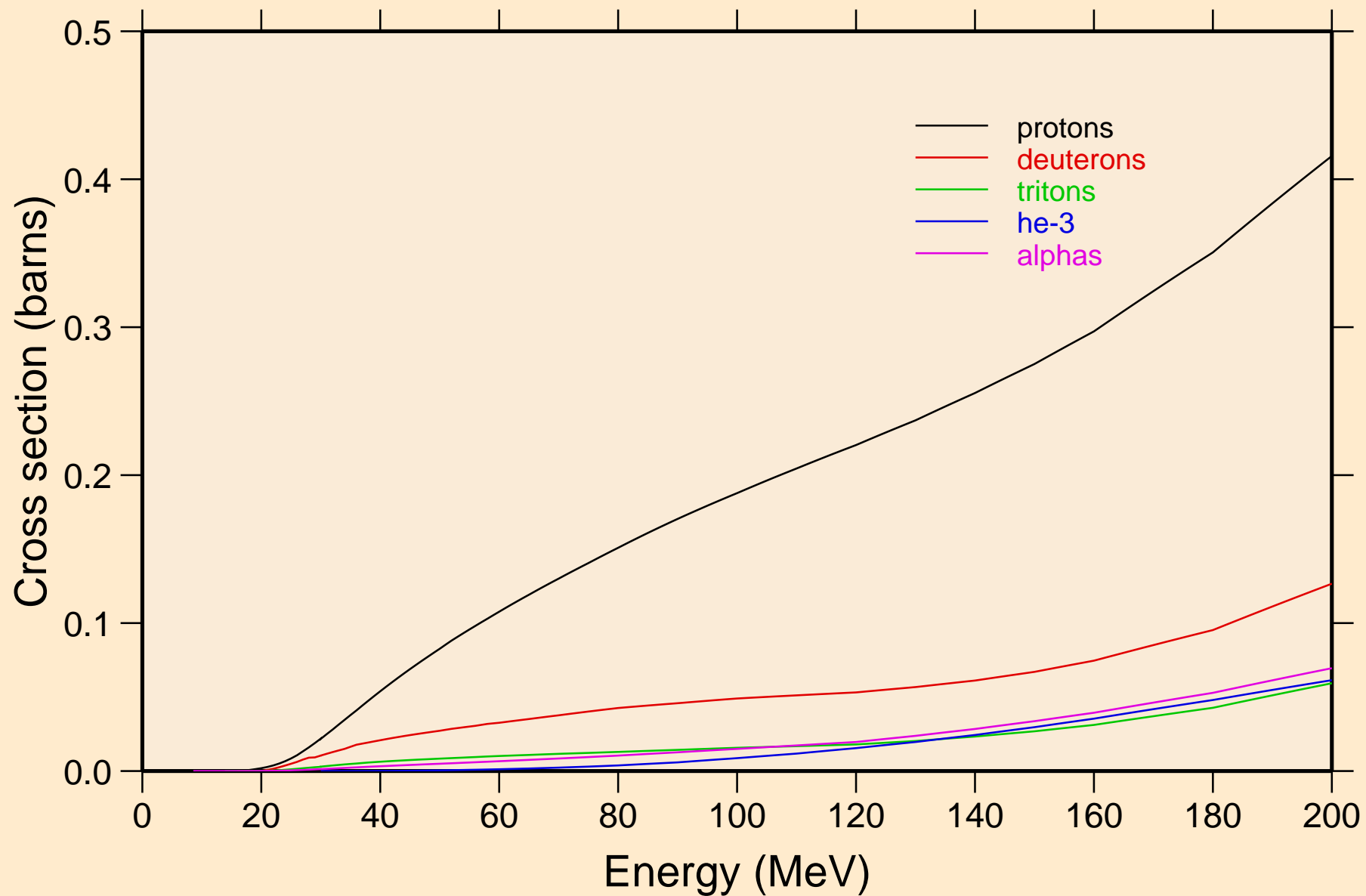




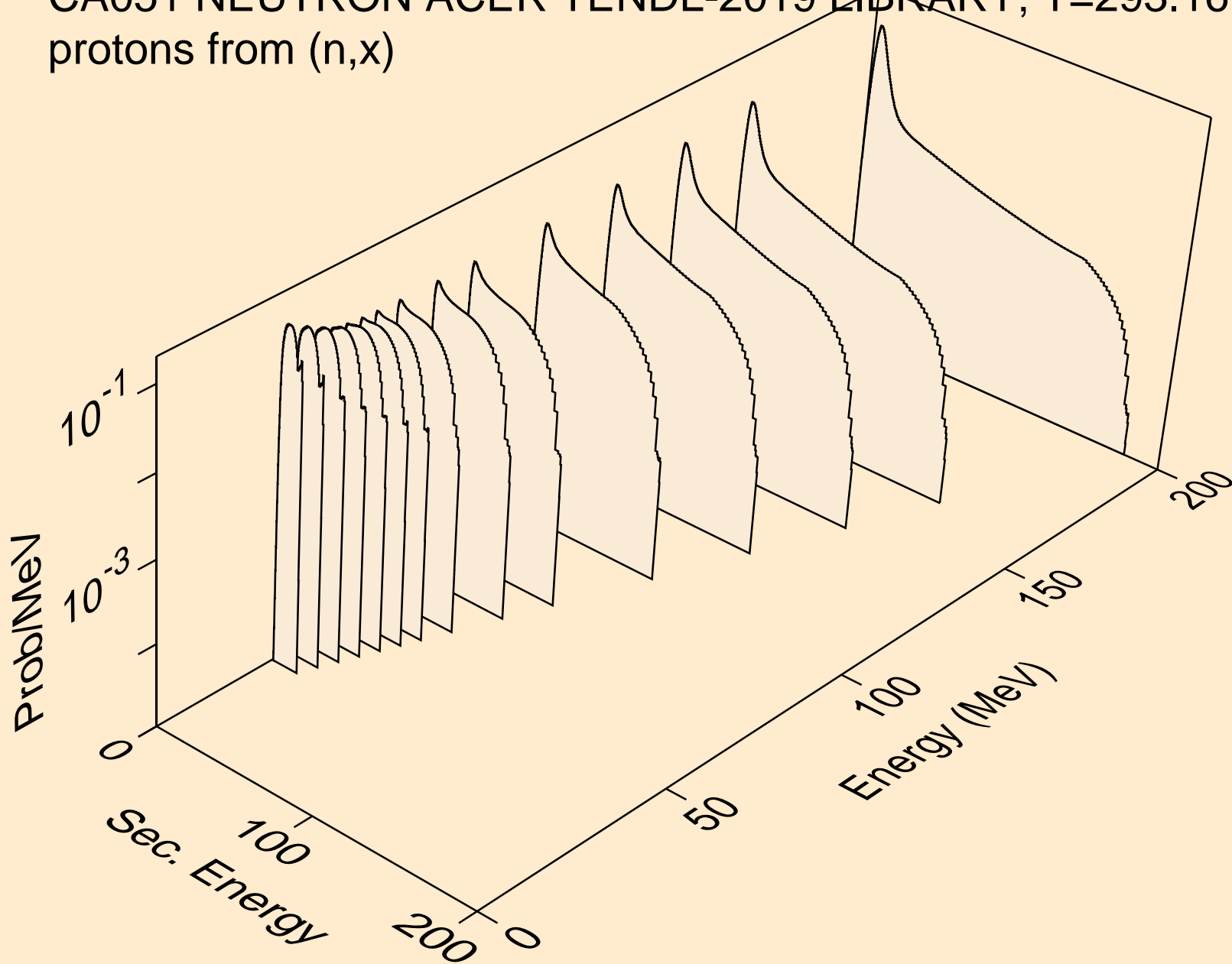
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Recoil Heating



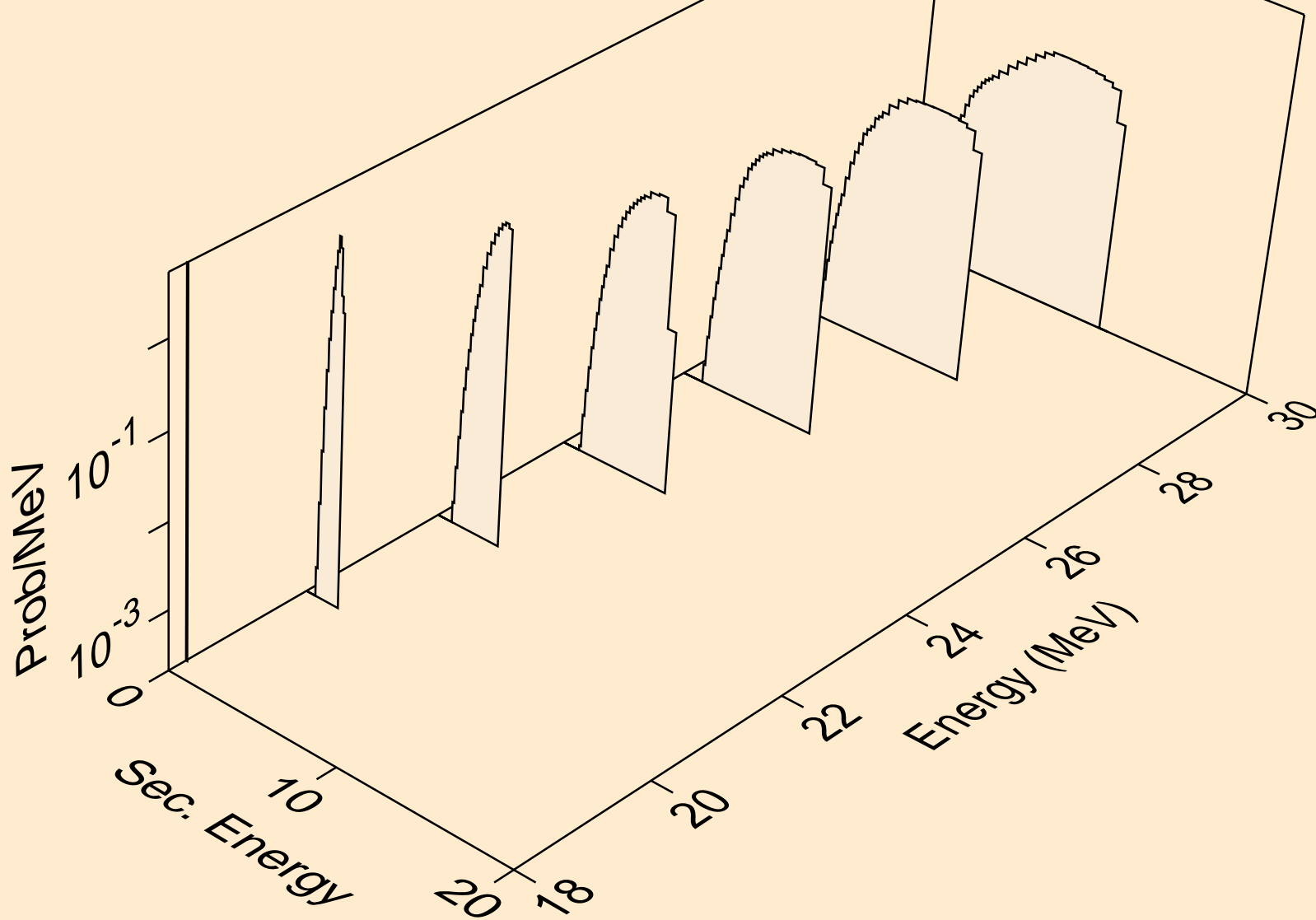
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



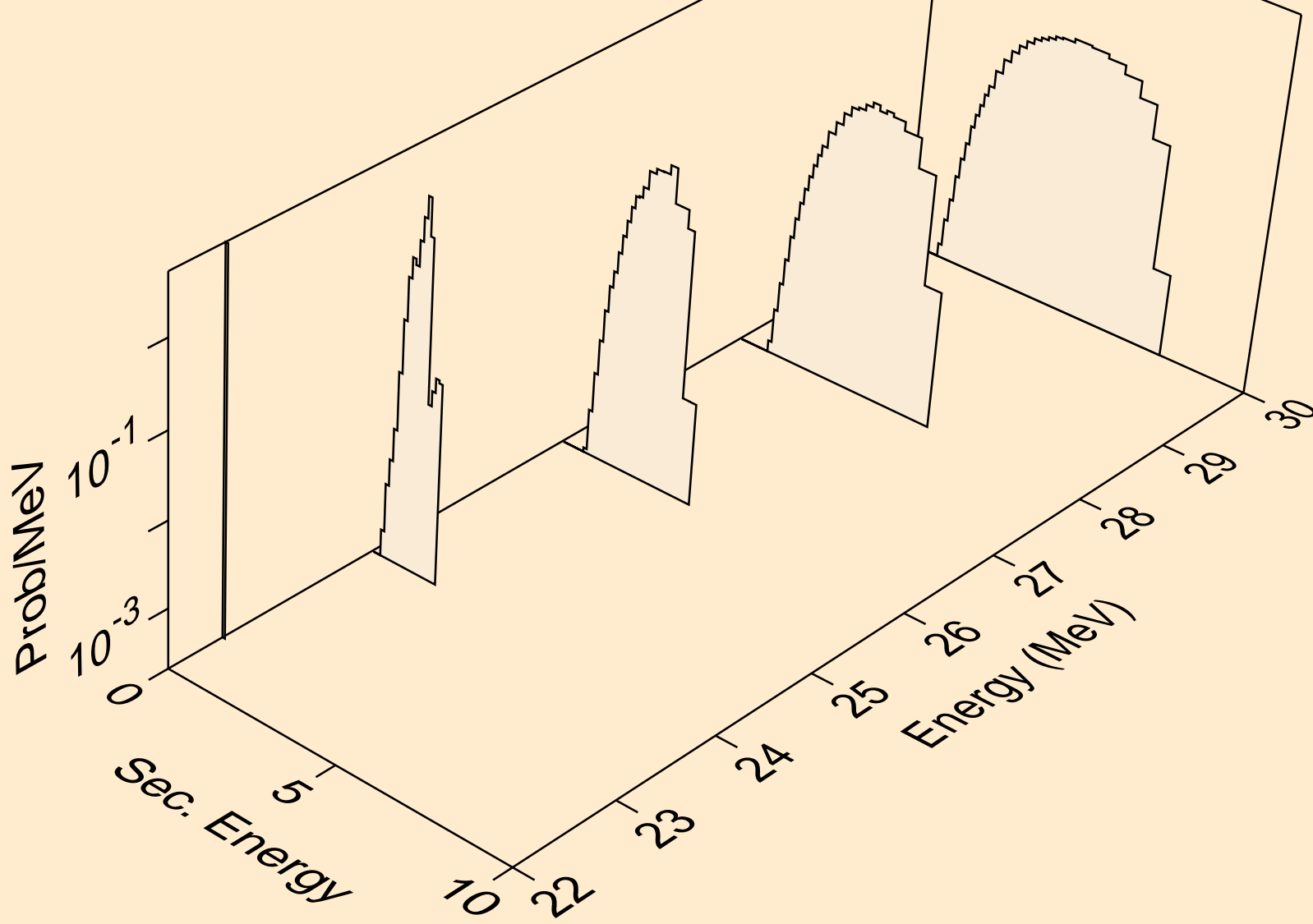
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



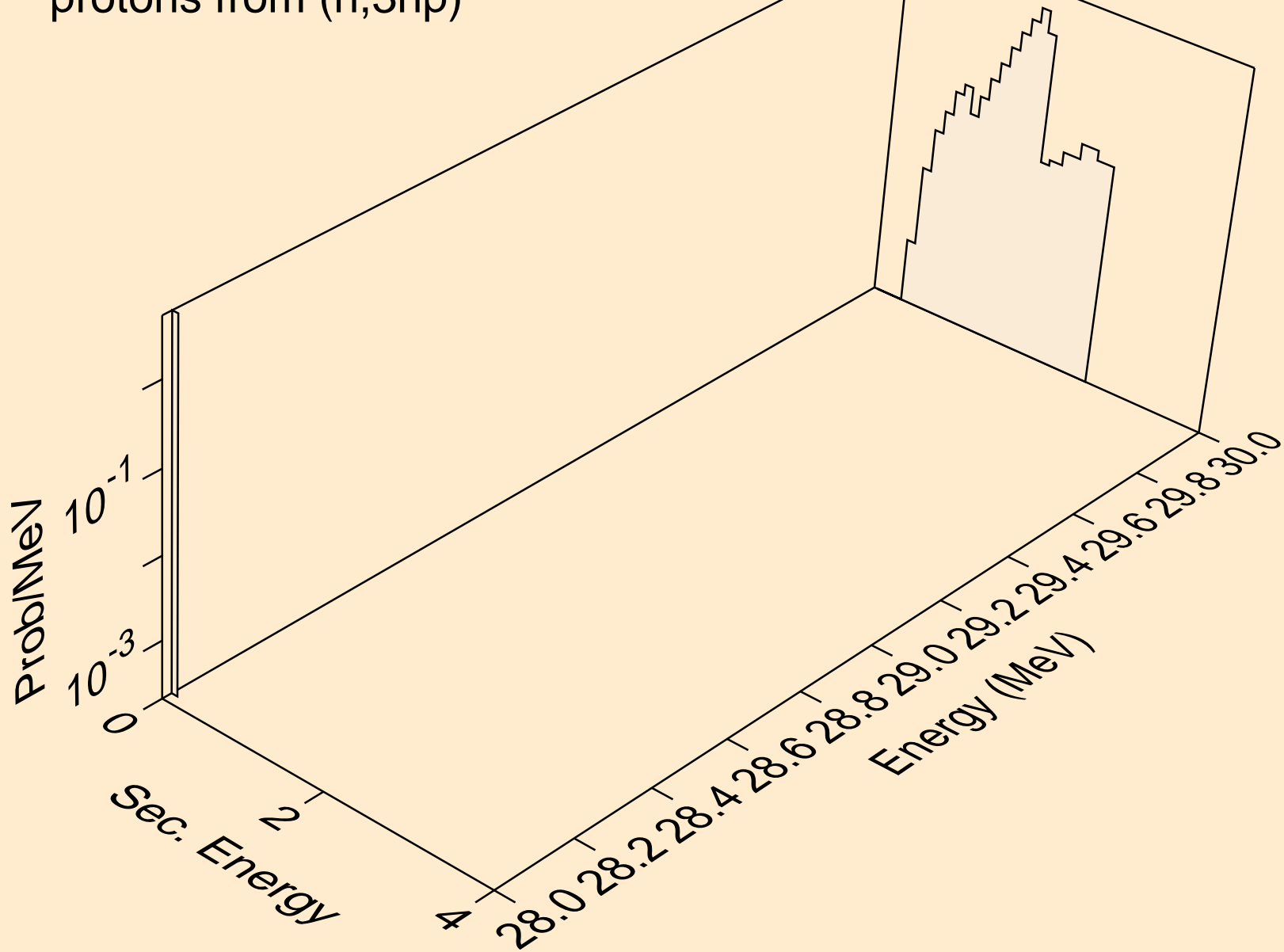
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



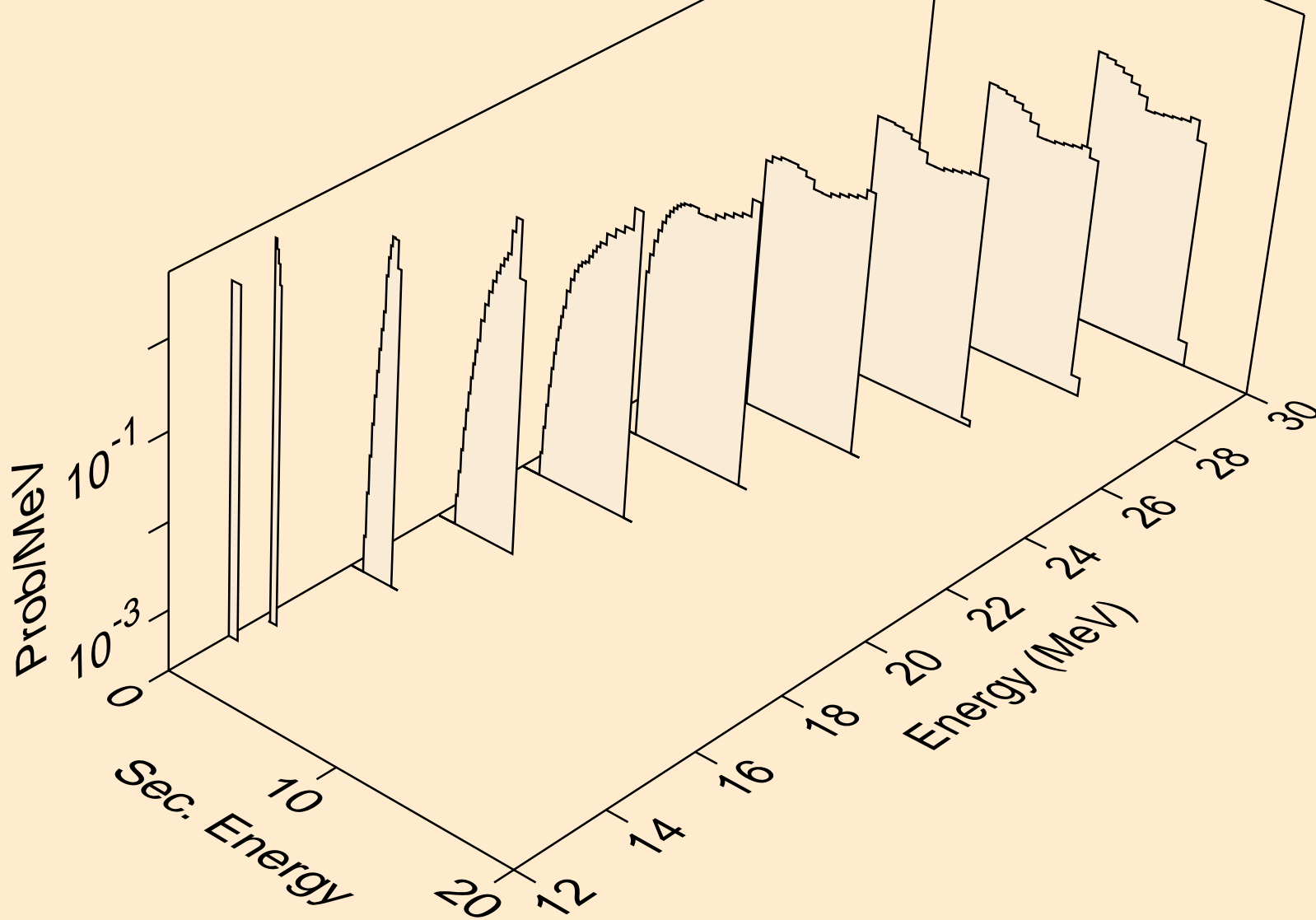
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protons from (n,2np)



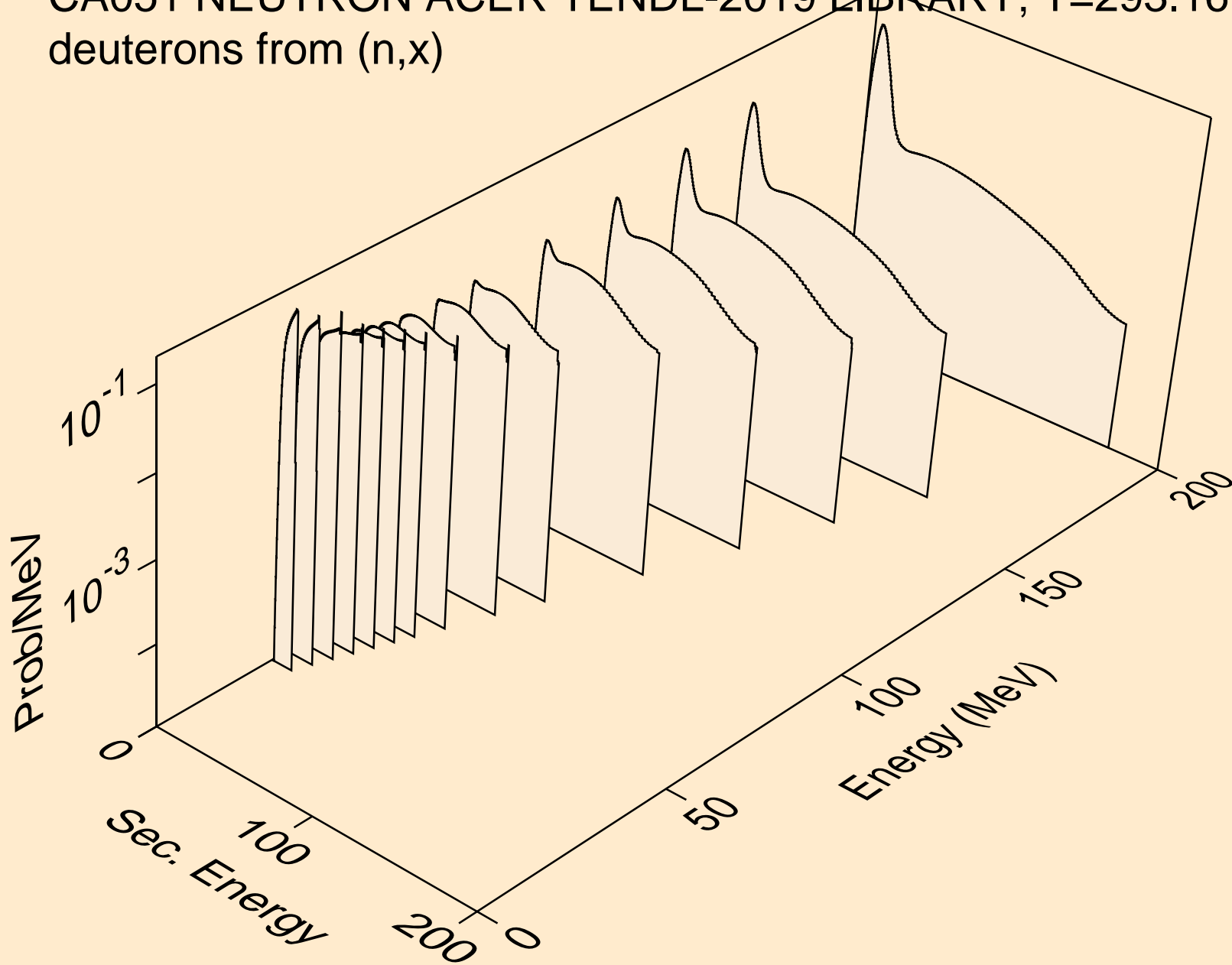
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

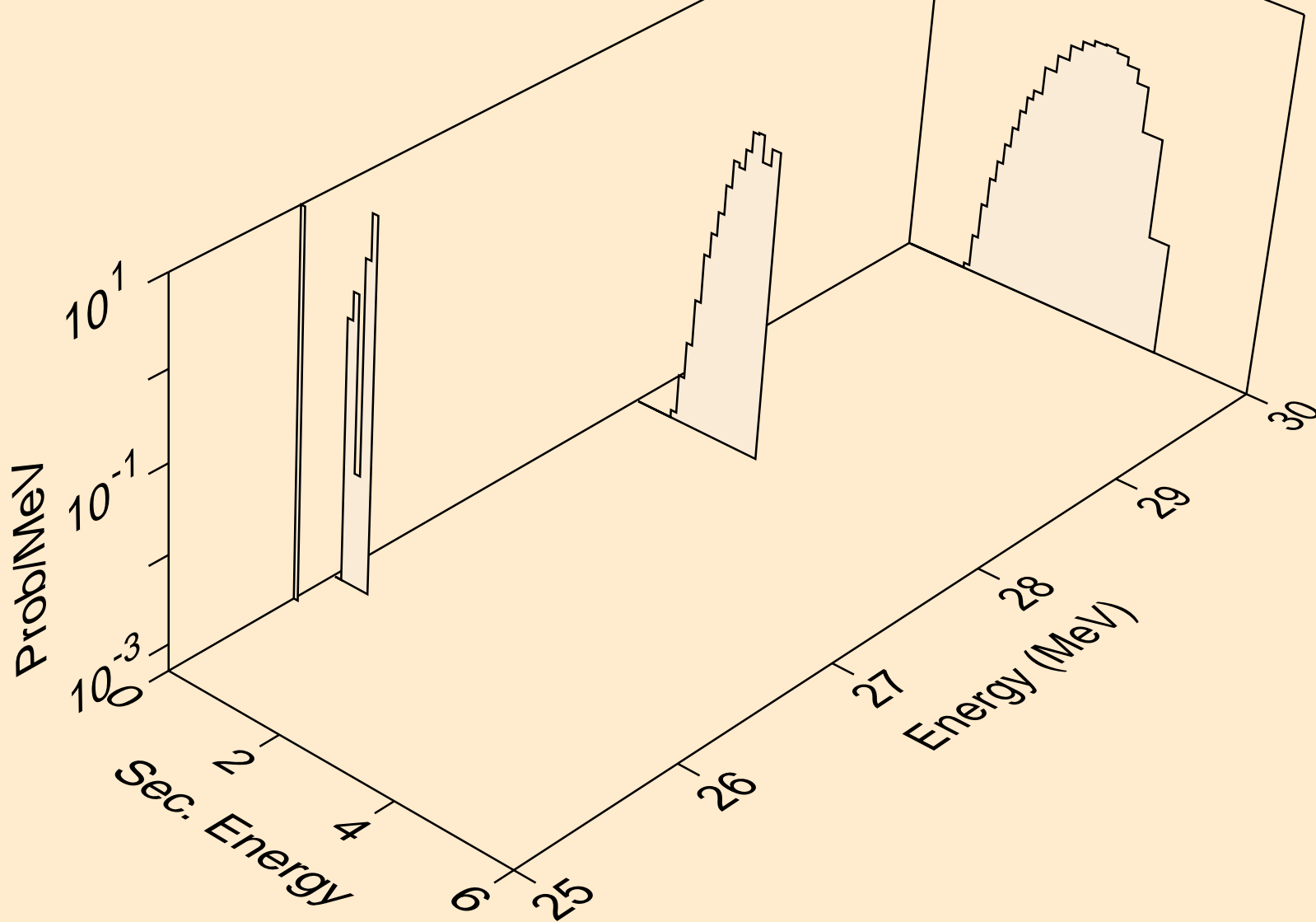


CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

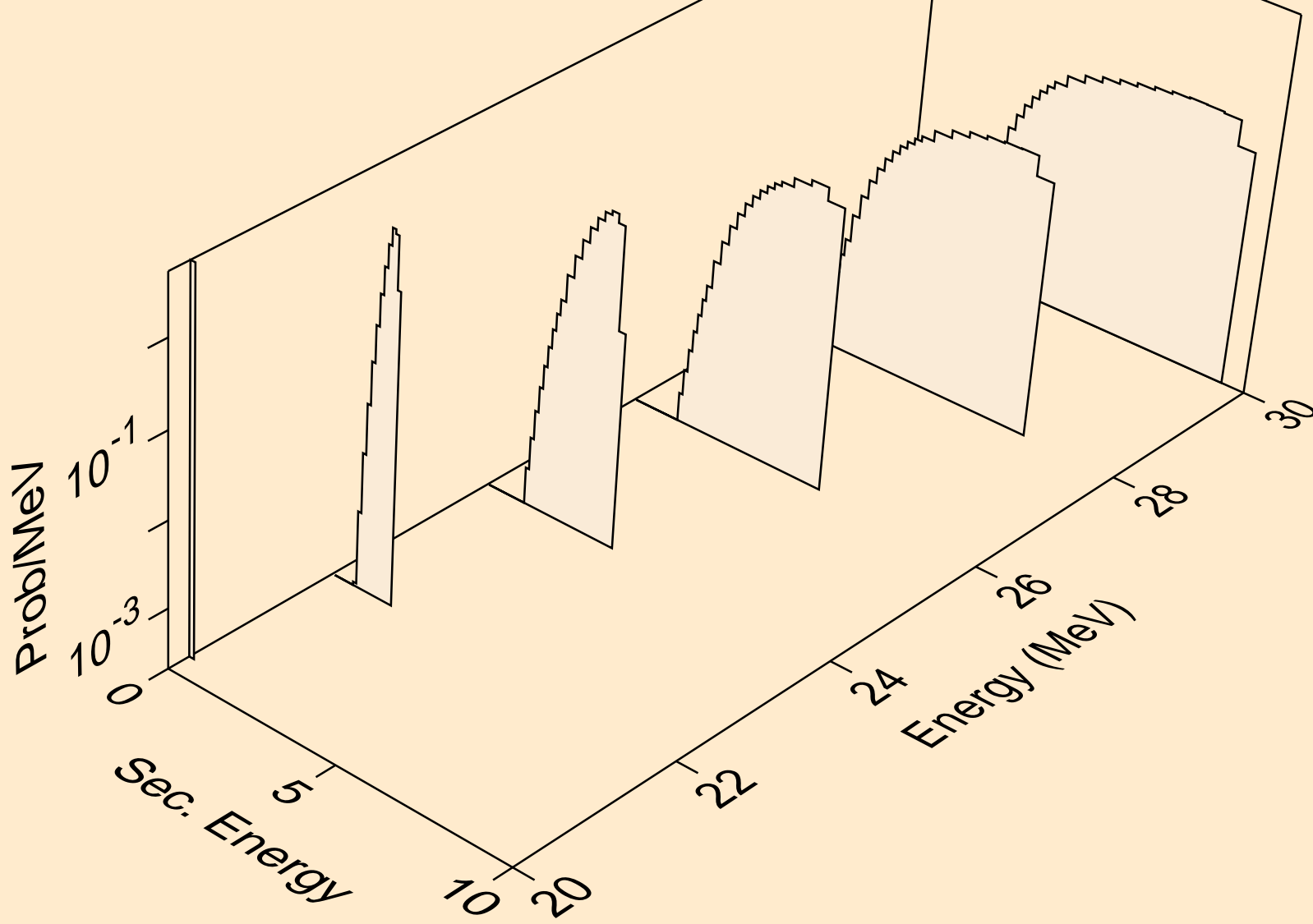




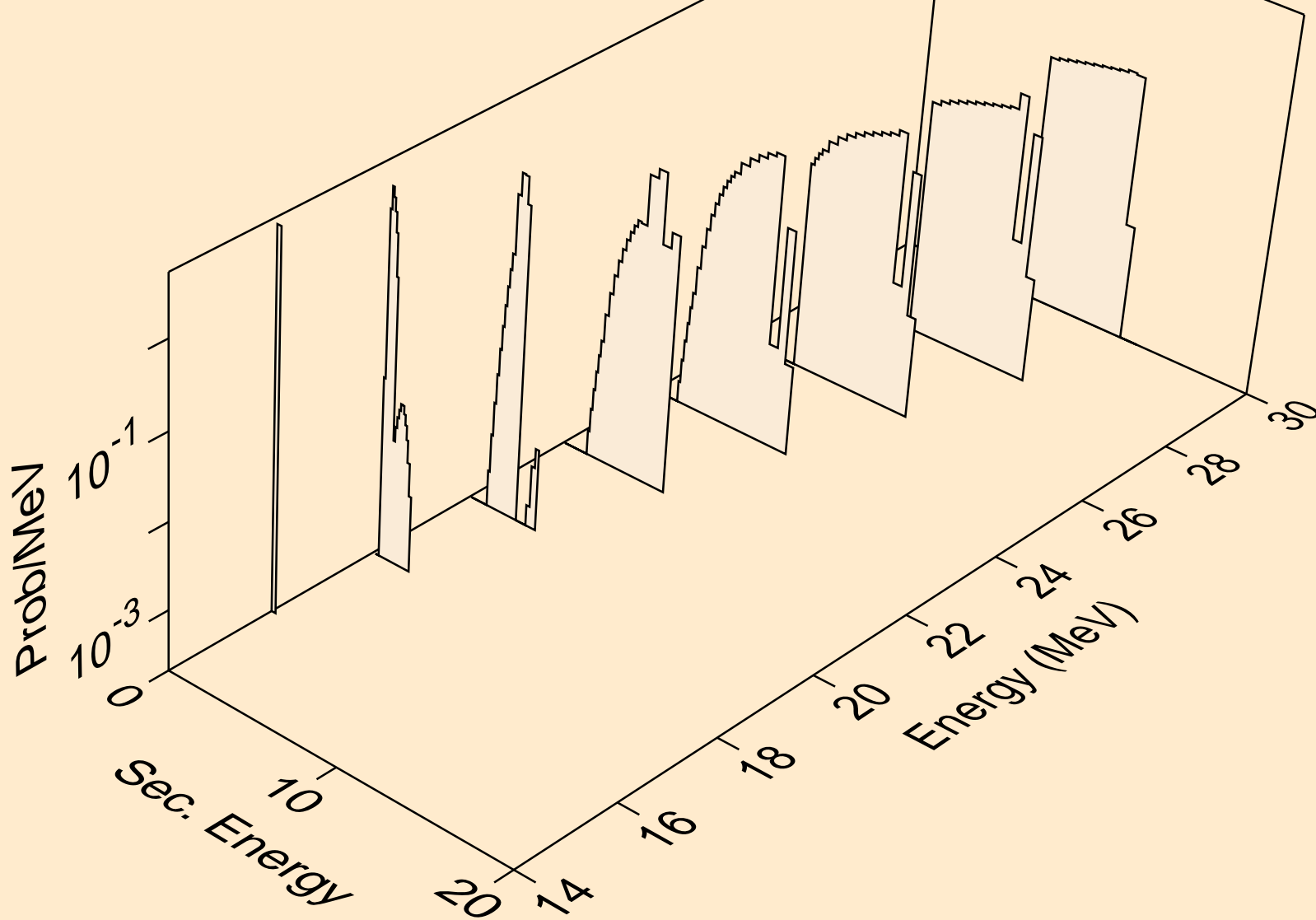
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deuterons from (n,2nd)



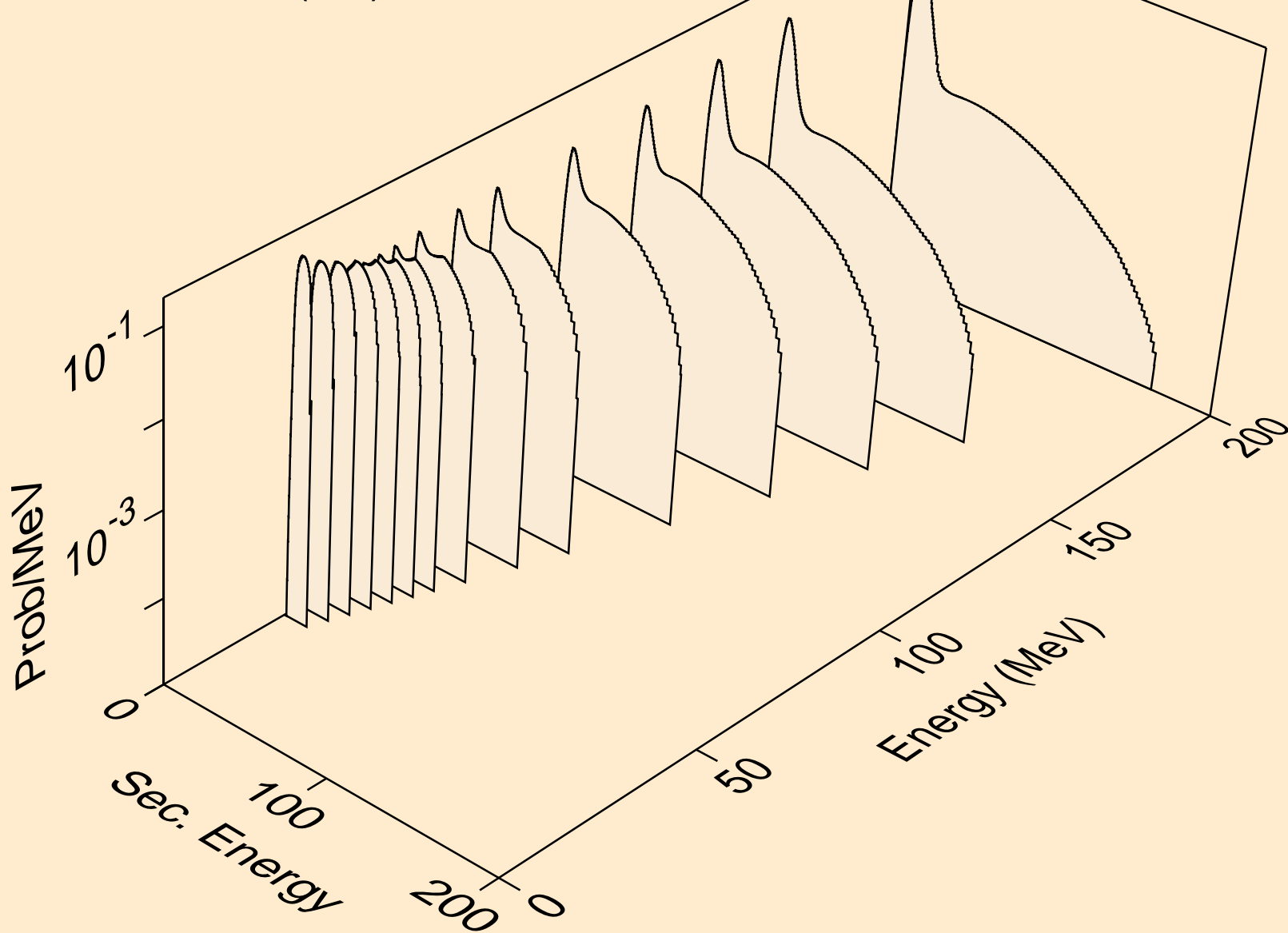
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deuterons from (n,n\*)d



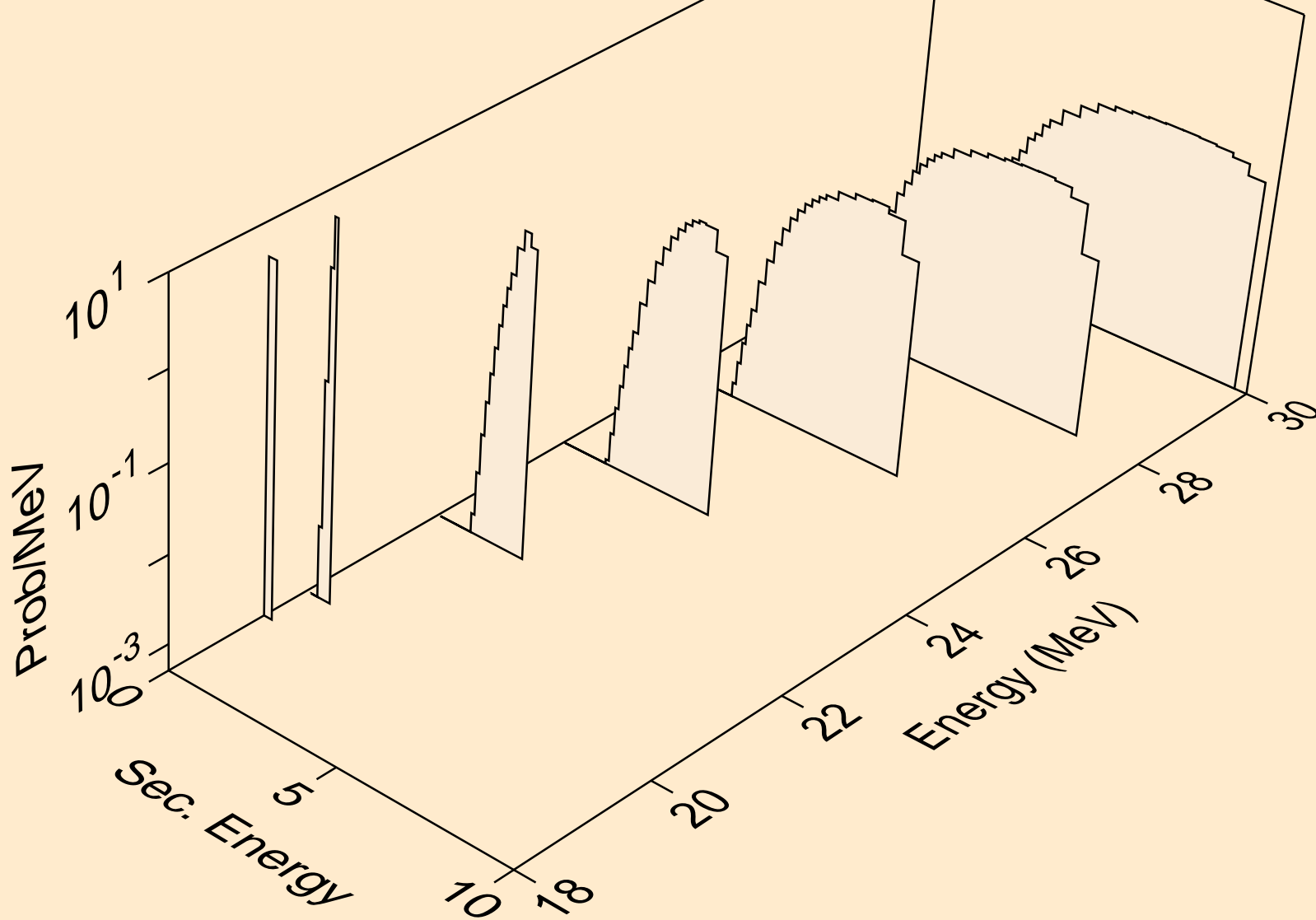
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deuterons from (n,d)



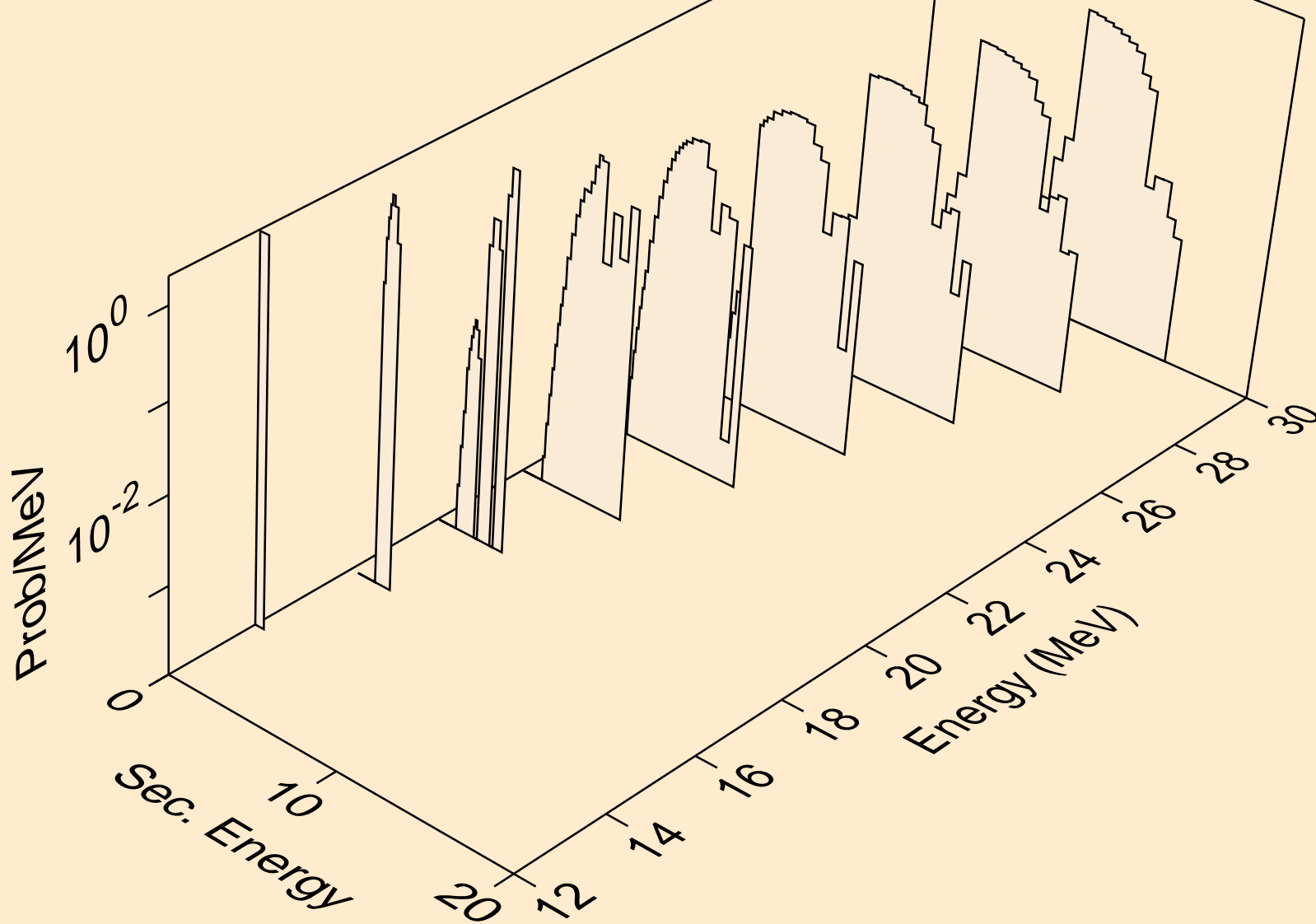
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



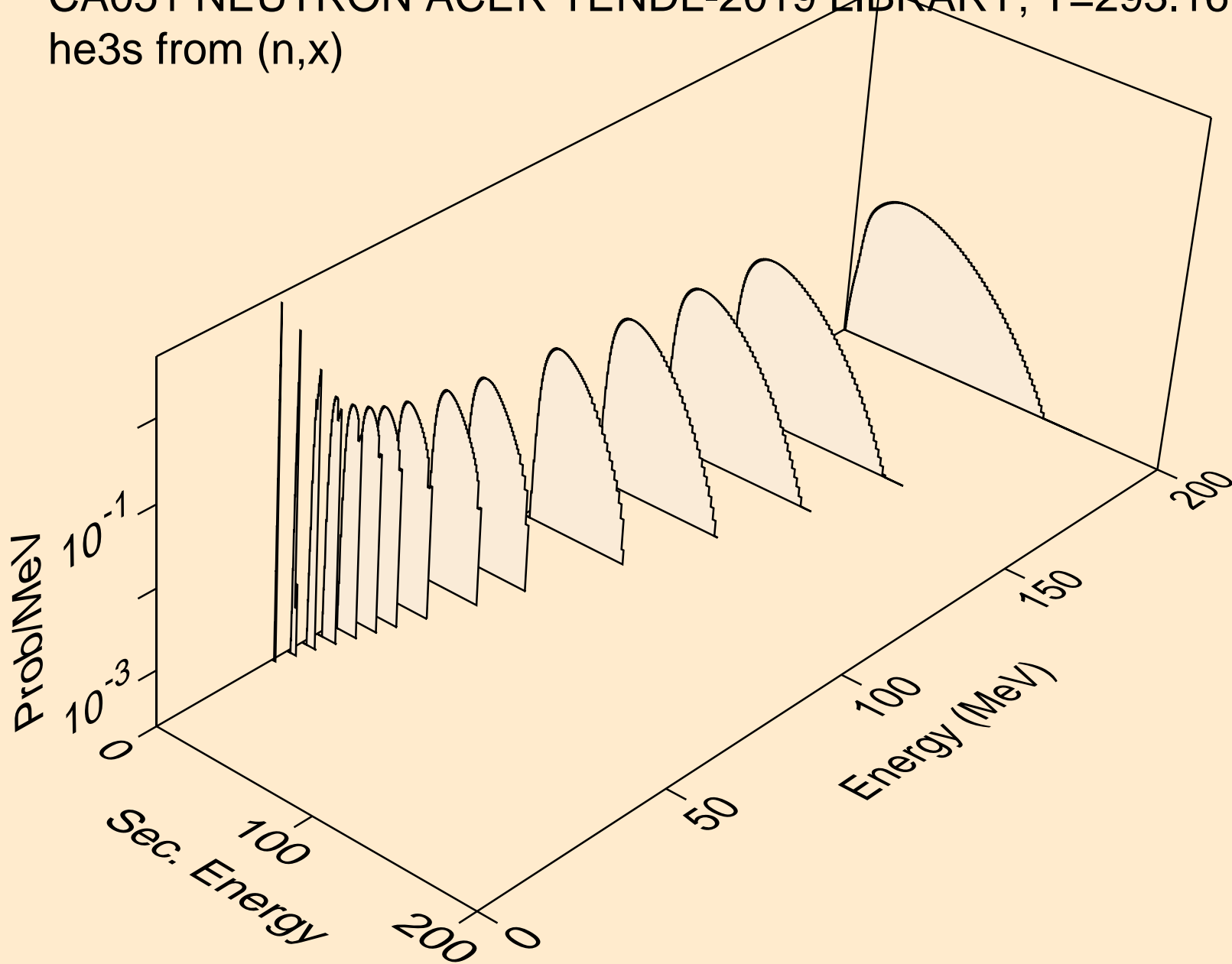
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



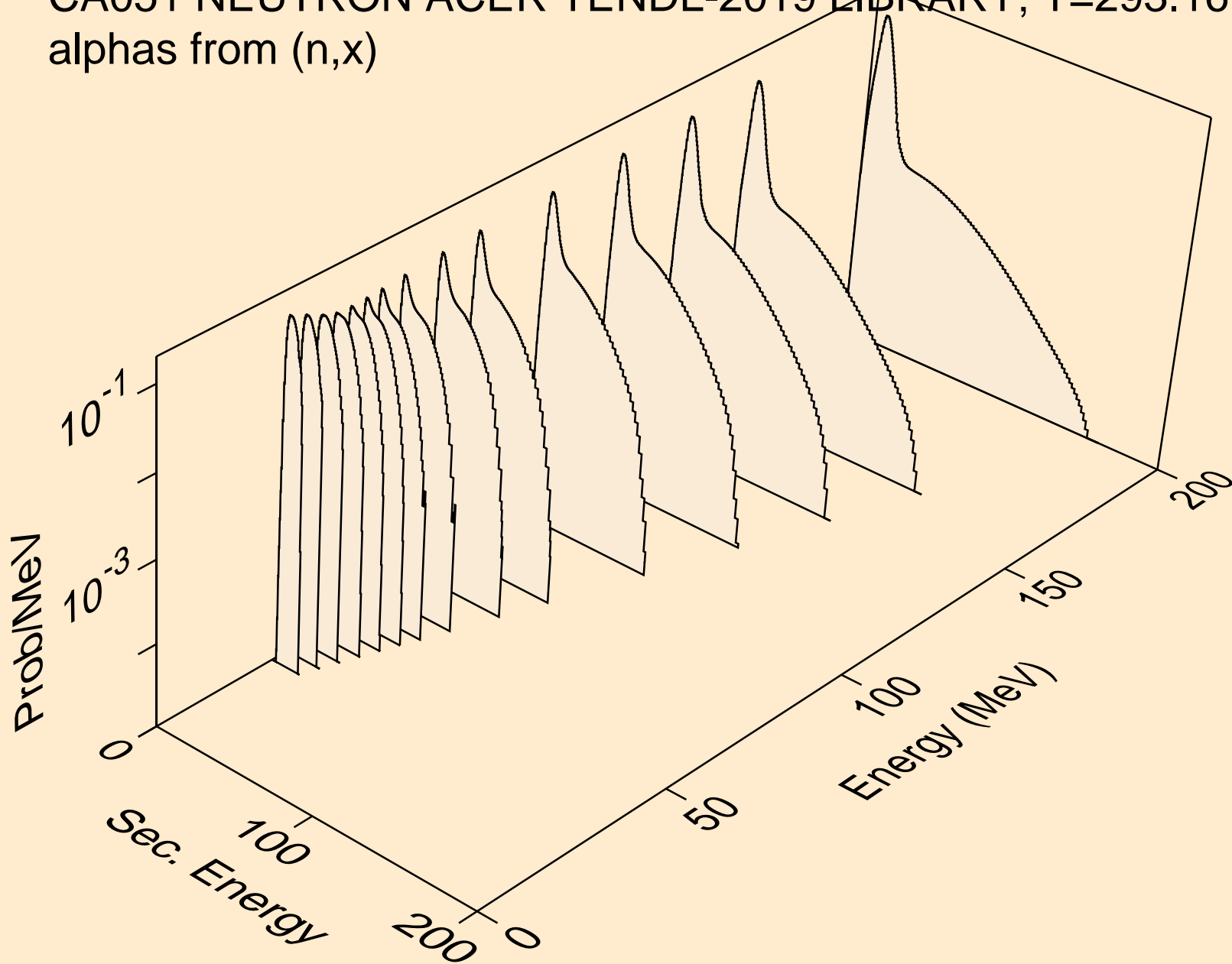
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

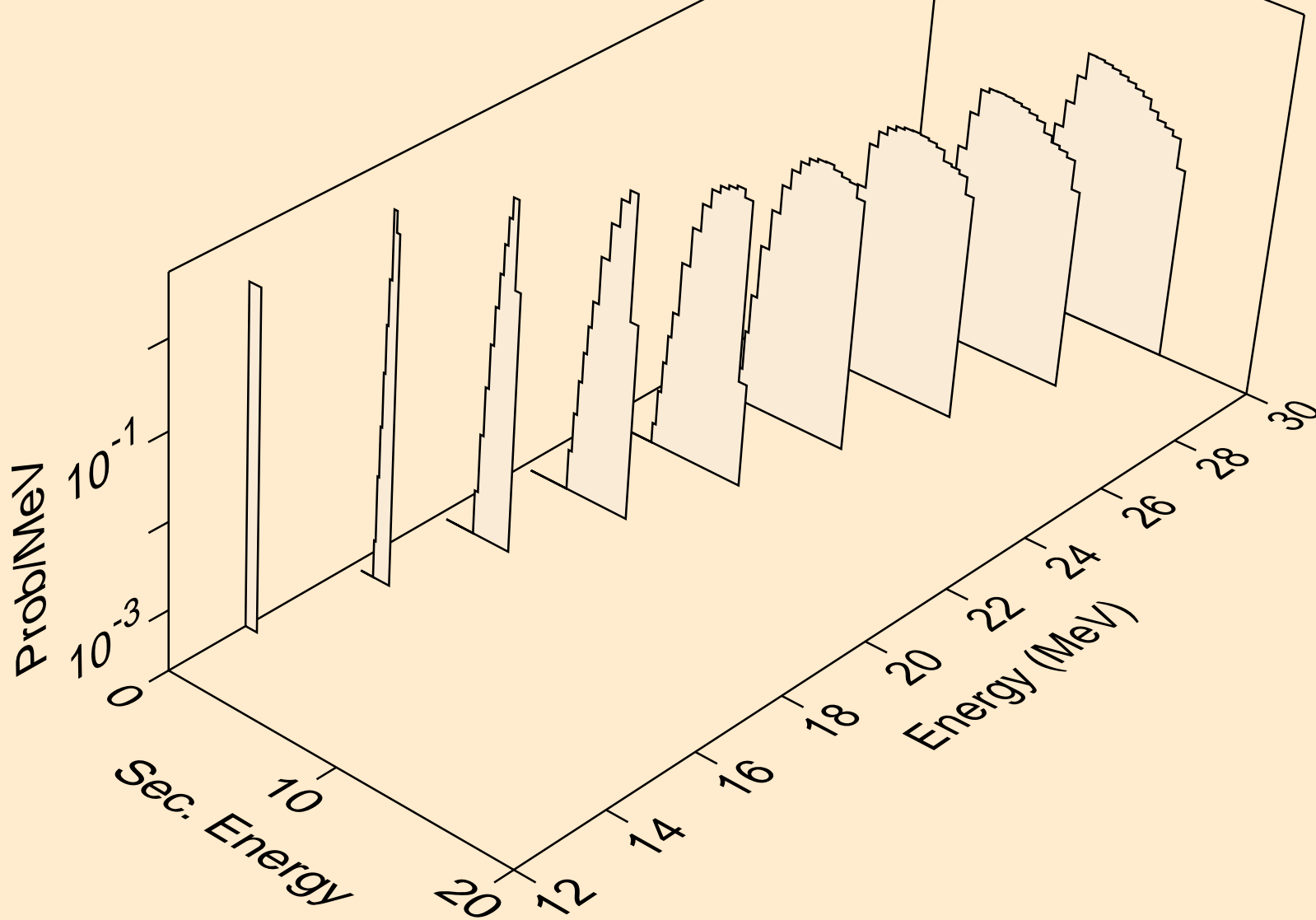


CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)

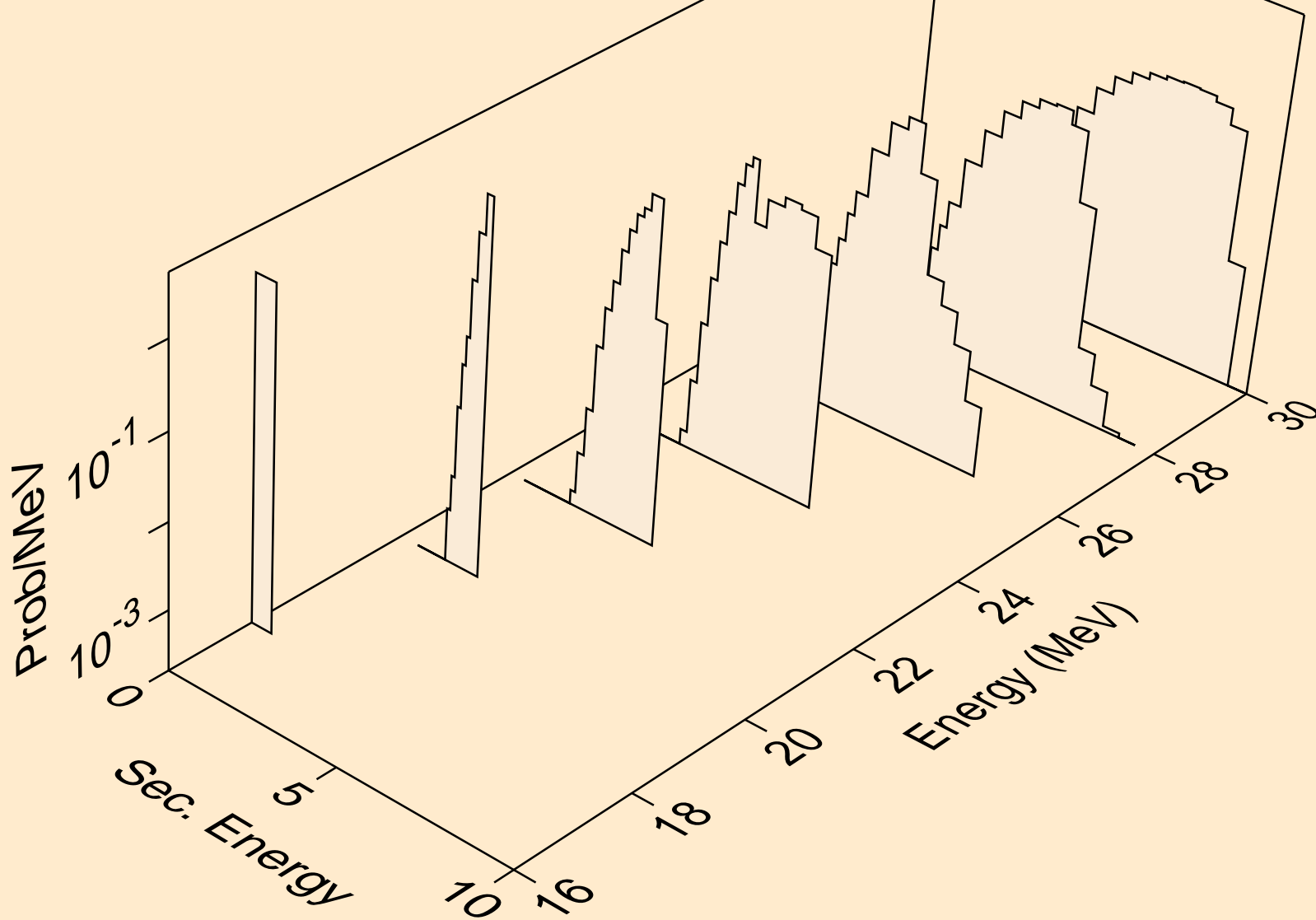




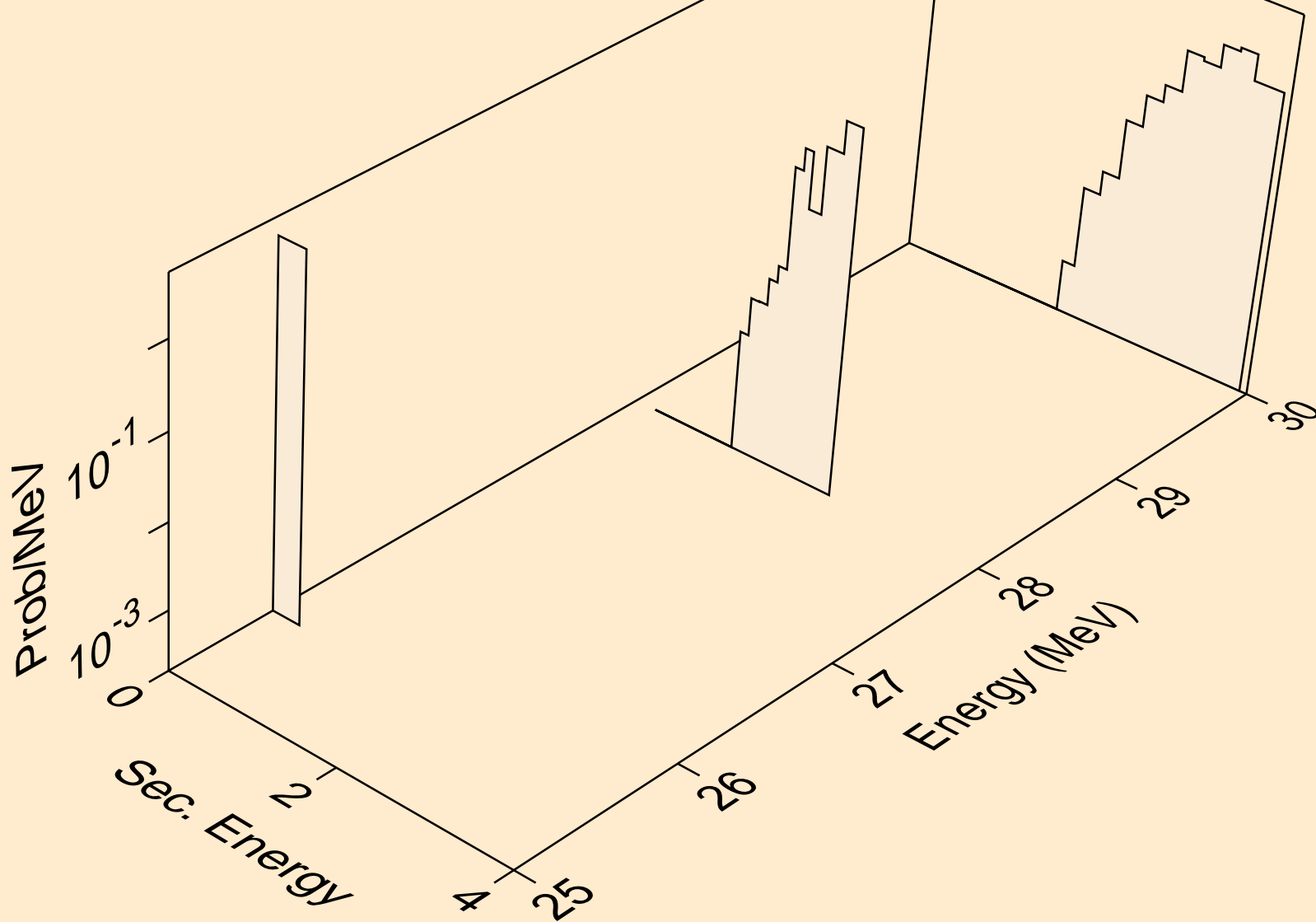
CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



CA051 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

