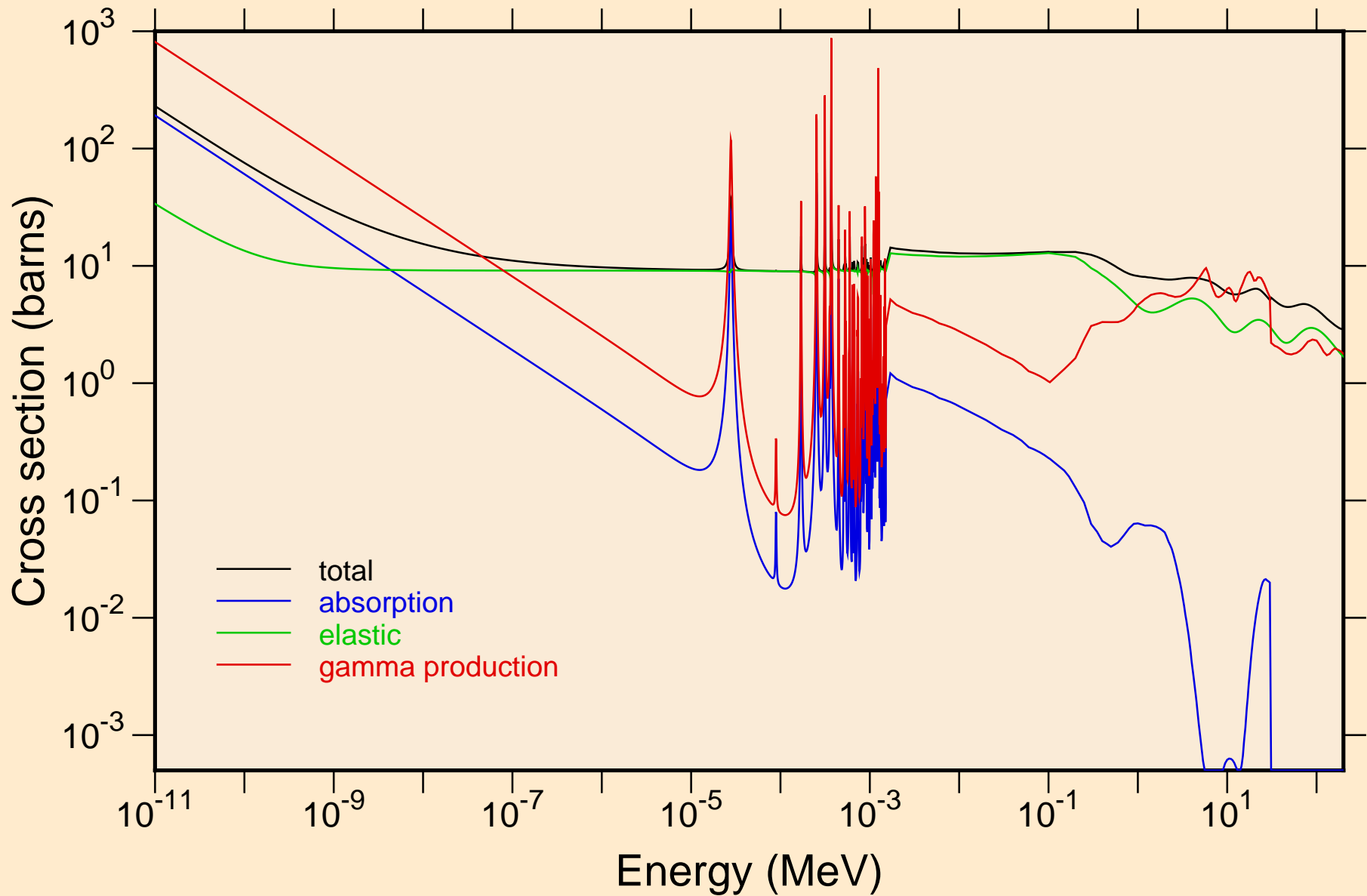
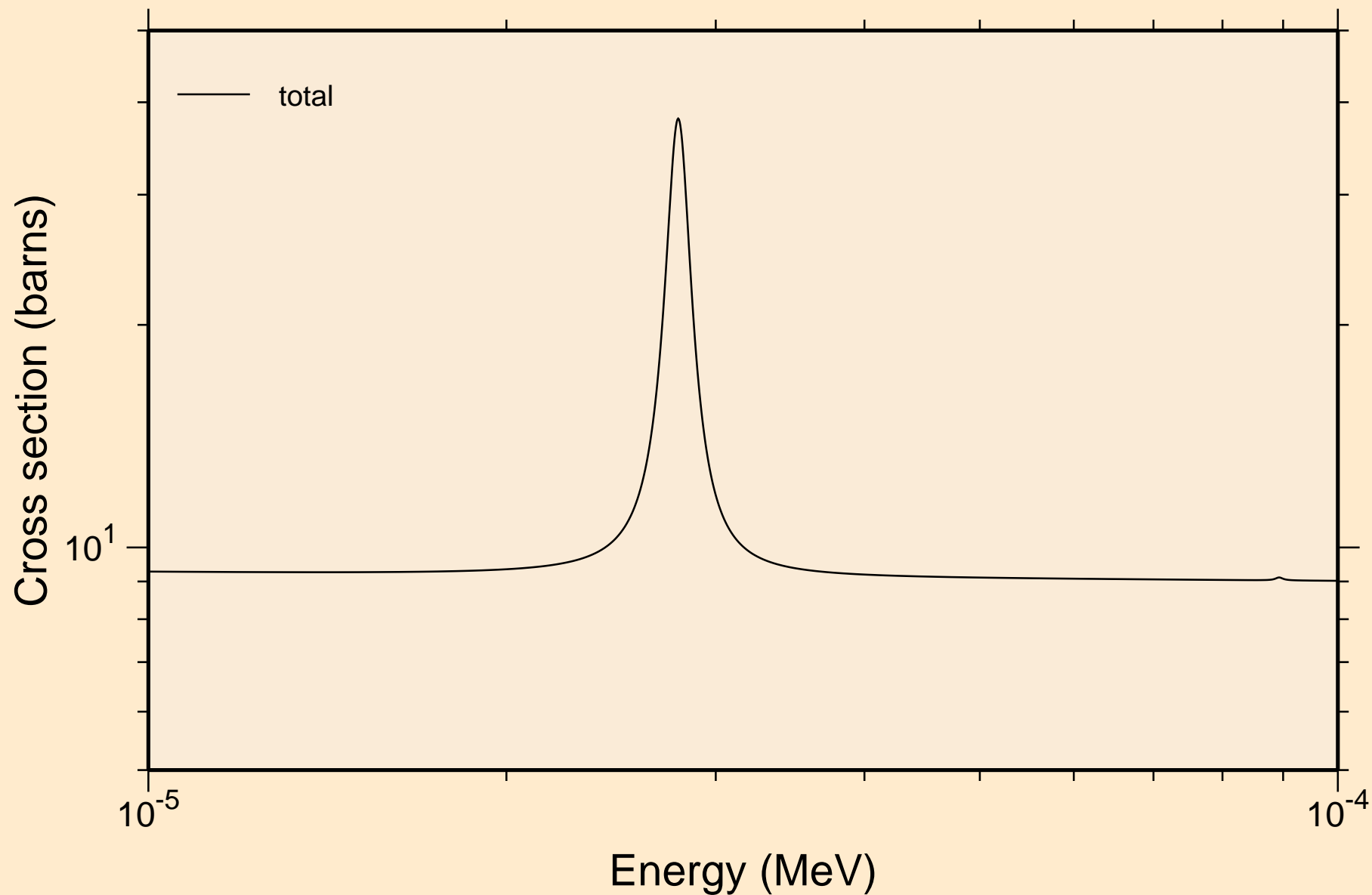


# CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

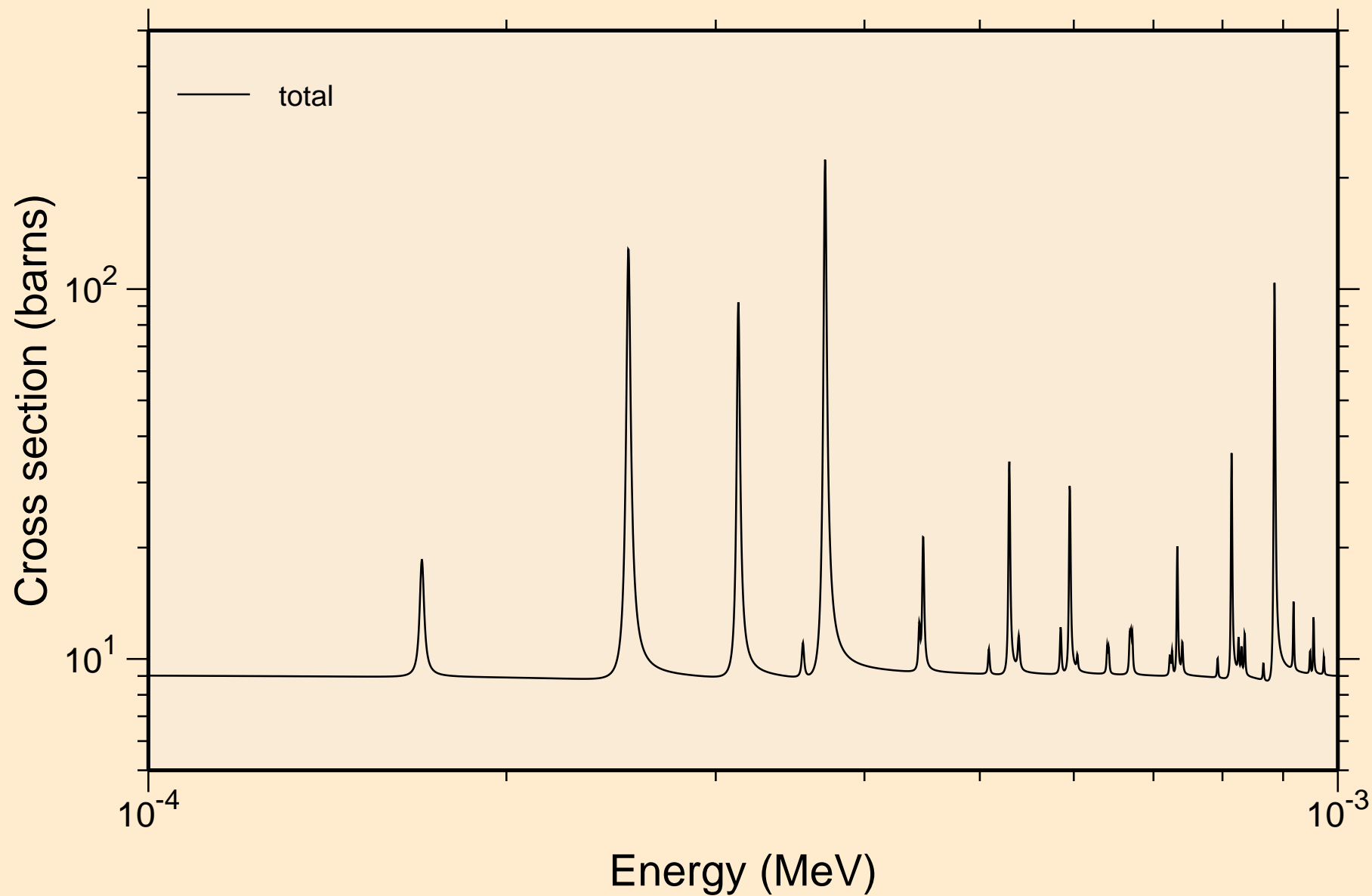
## Principal cross sections



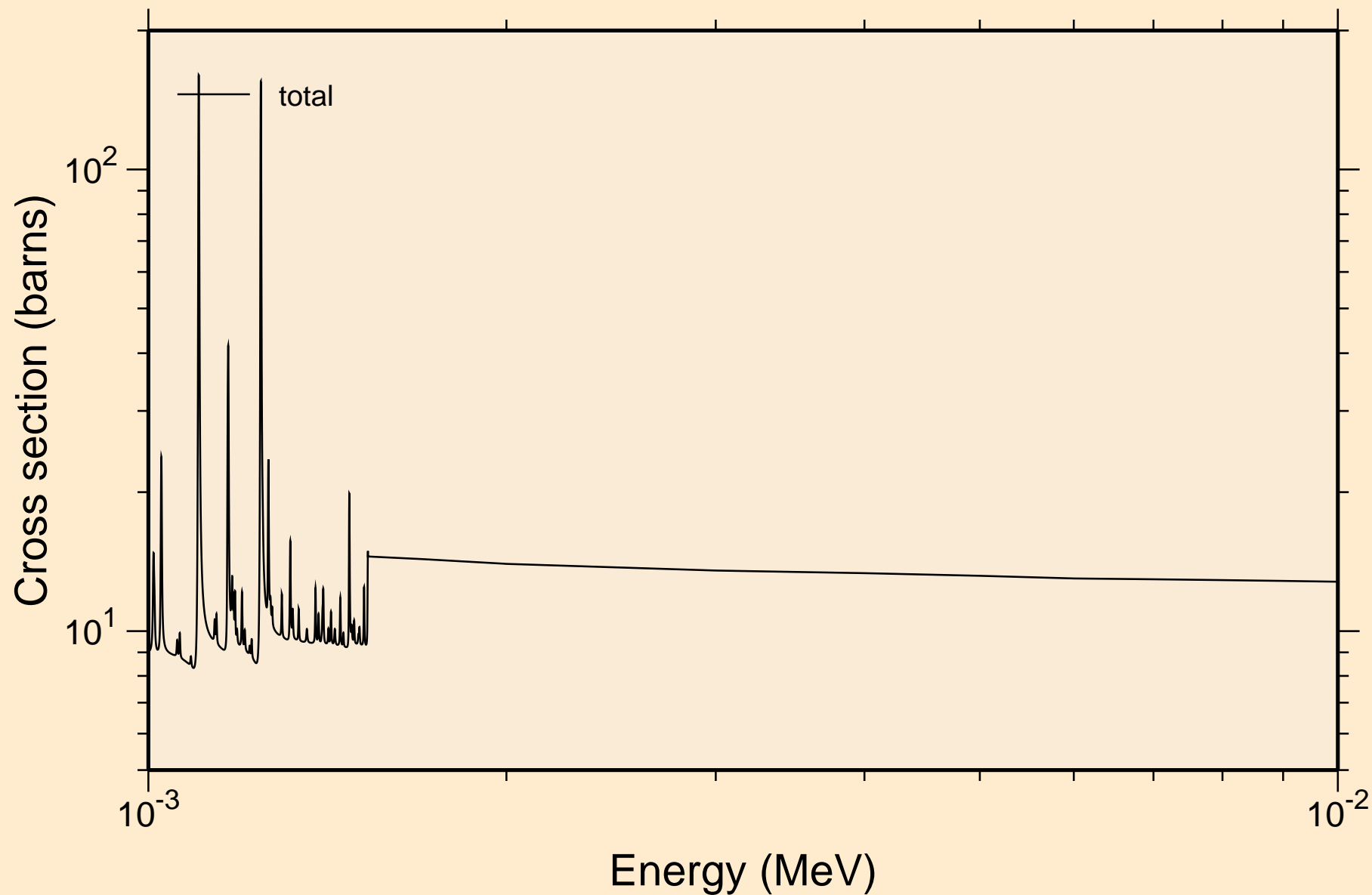
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



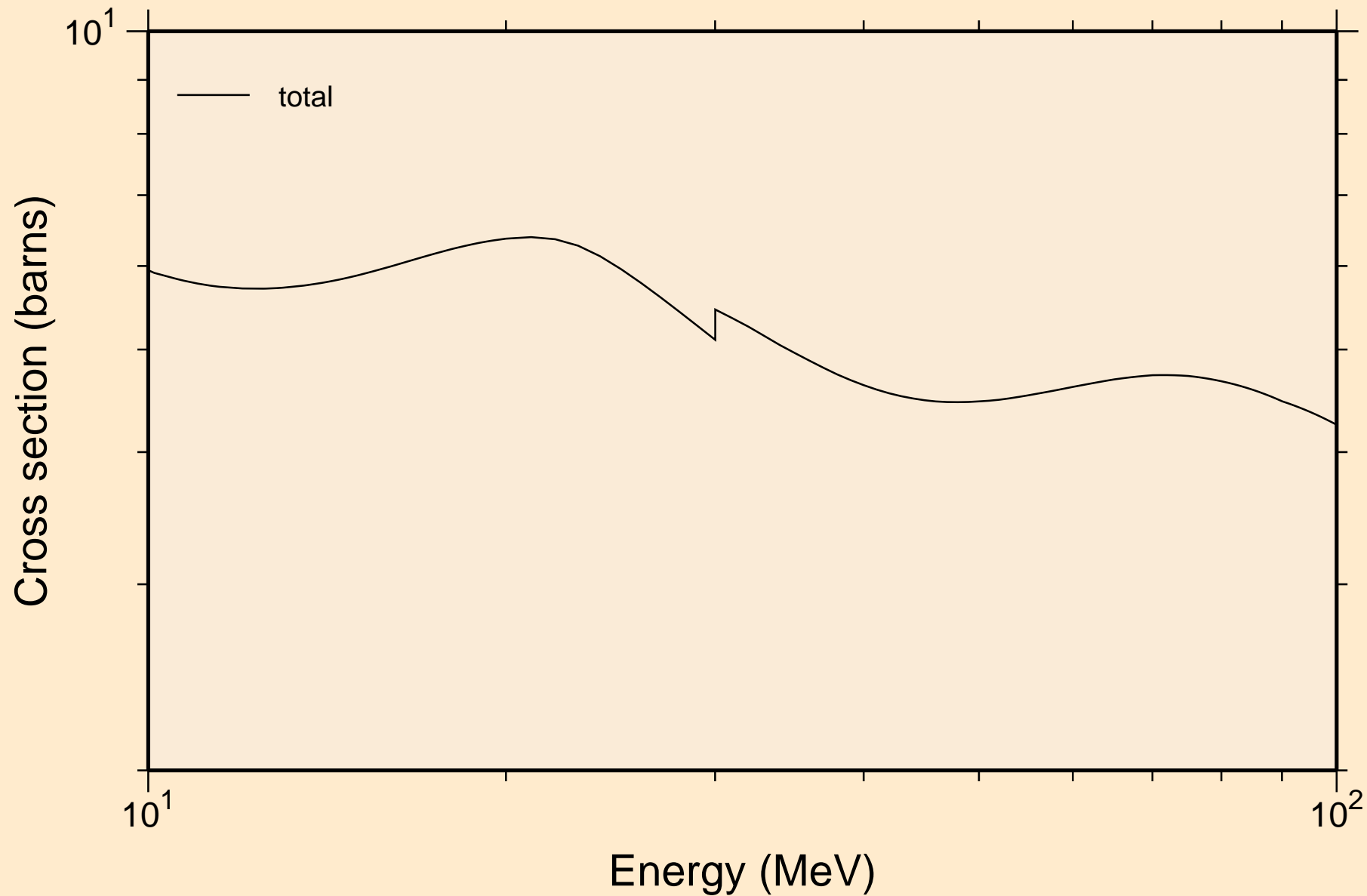
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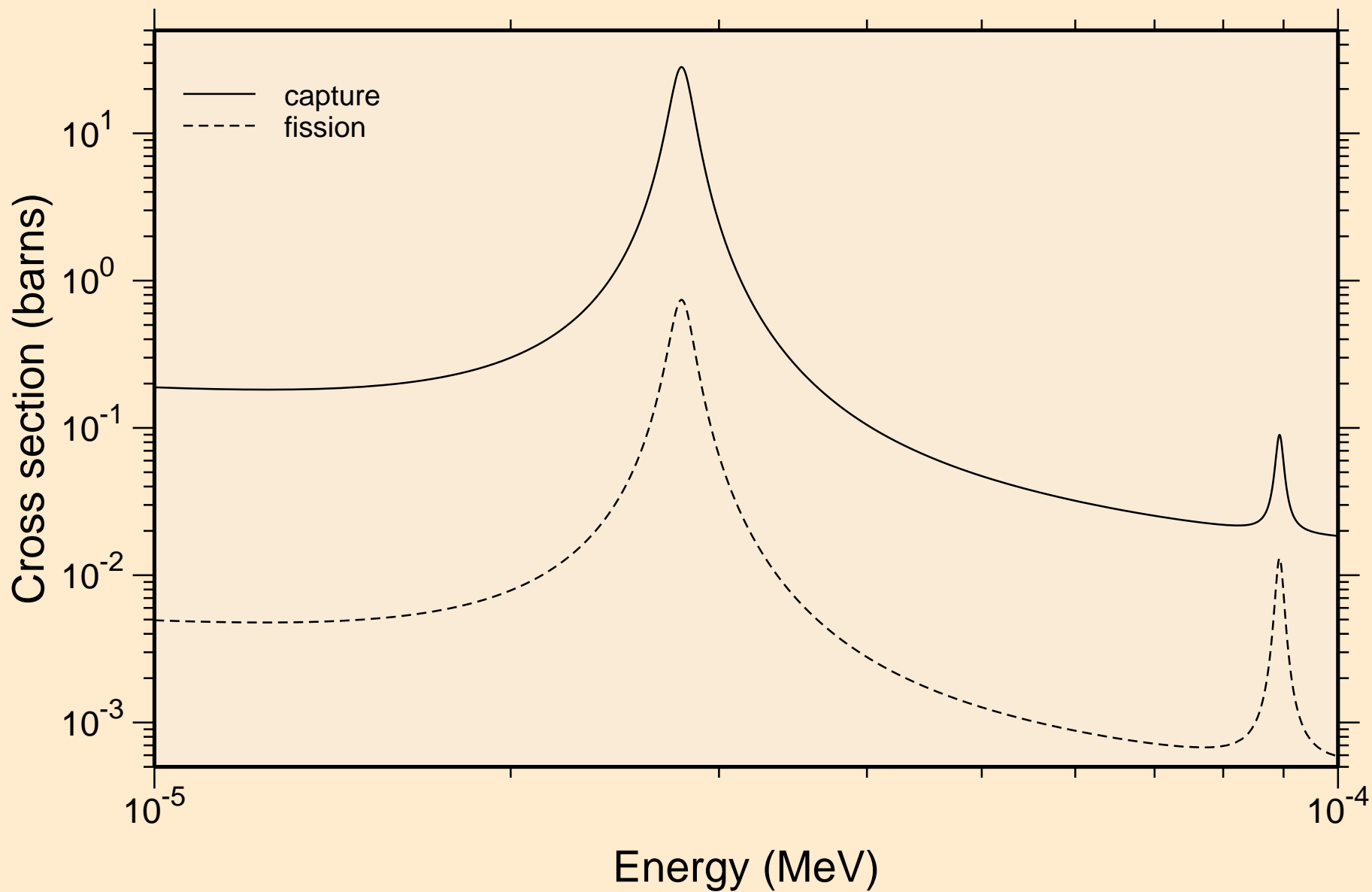
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resonance total cross section



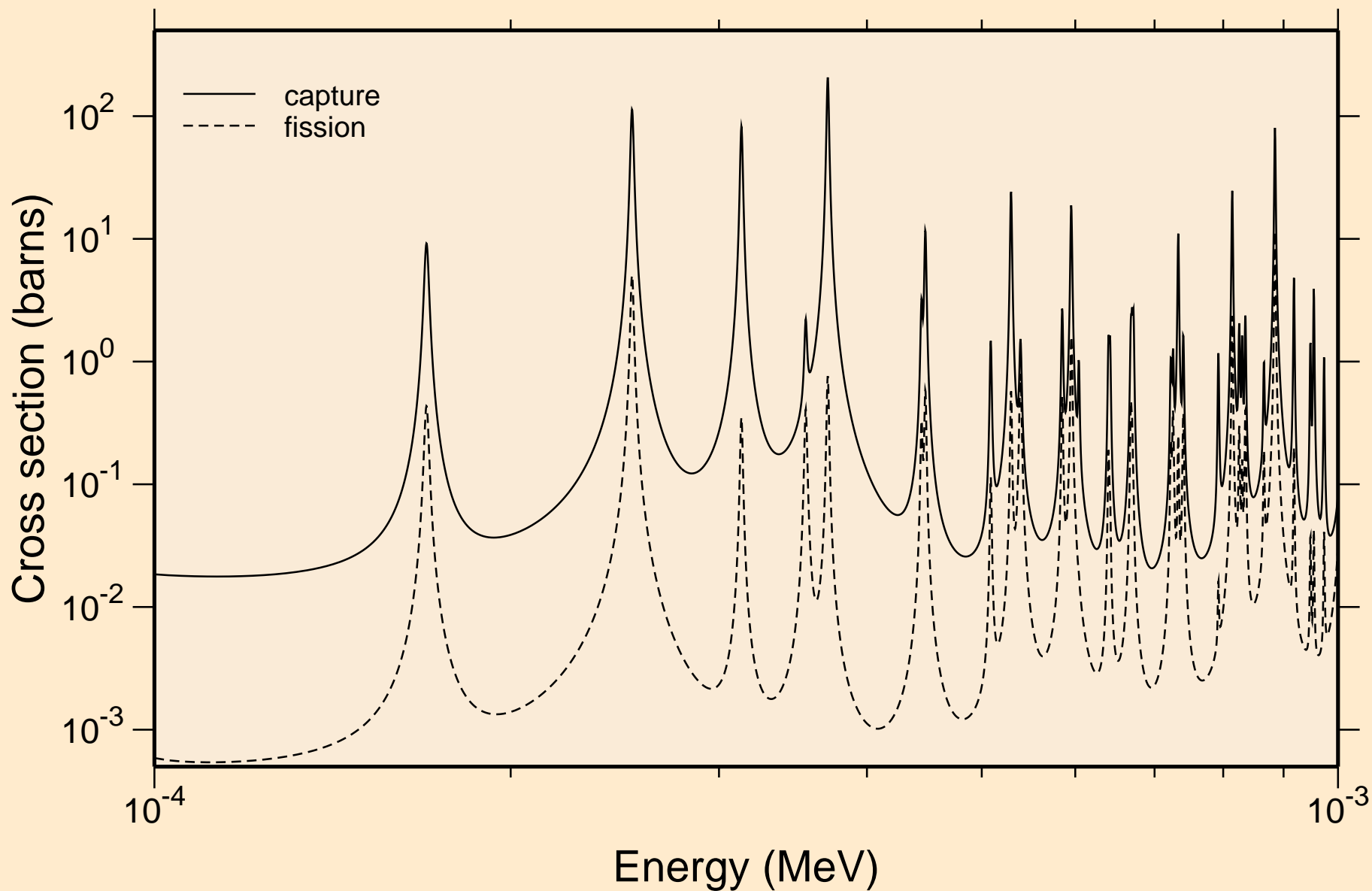
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resonance total cross section



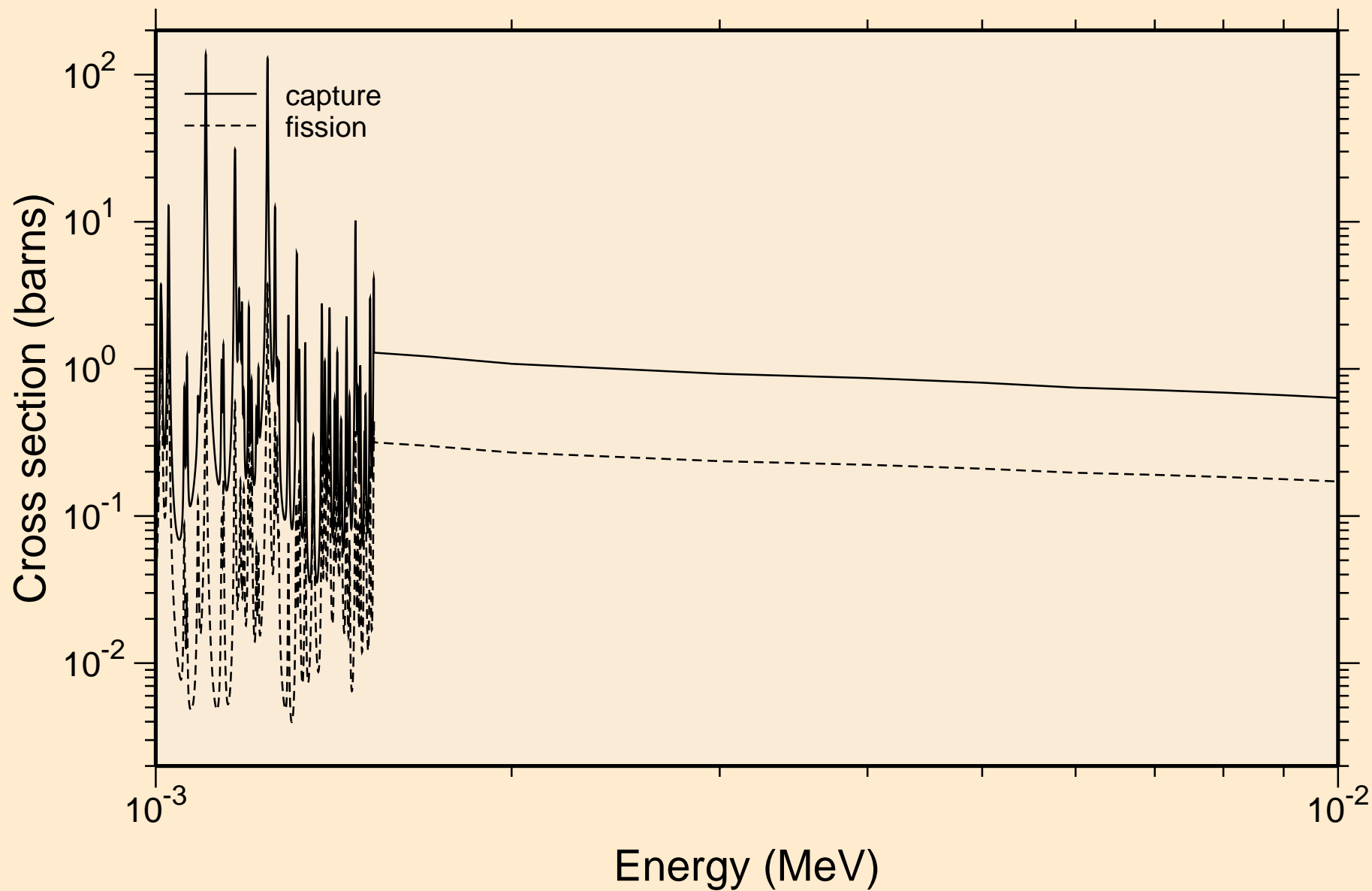
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resonance absorption cross sections



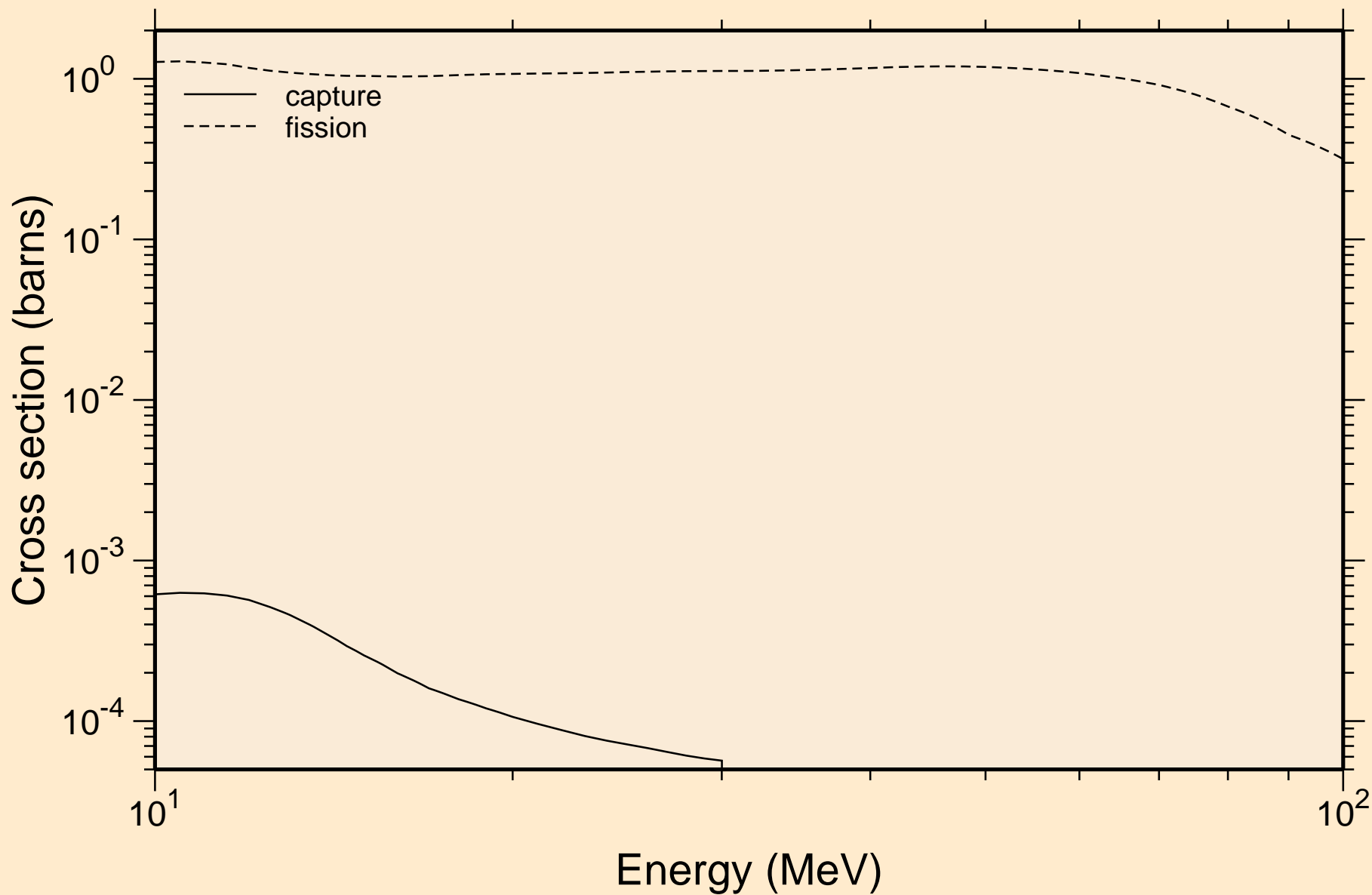
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resonance absorption cross sections



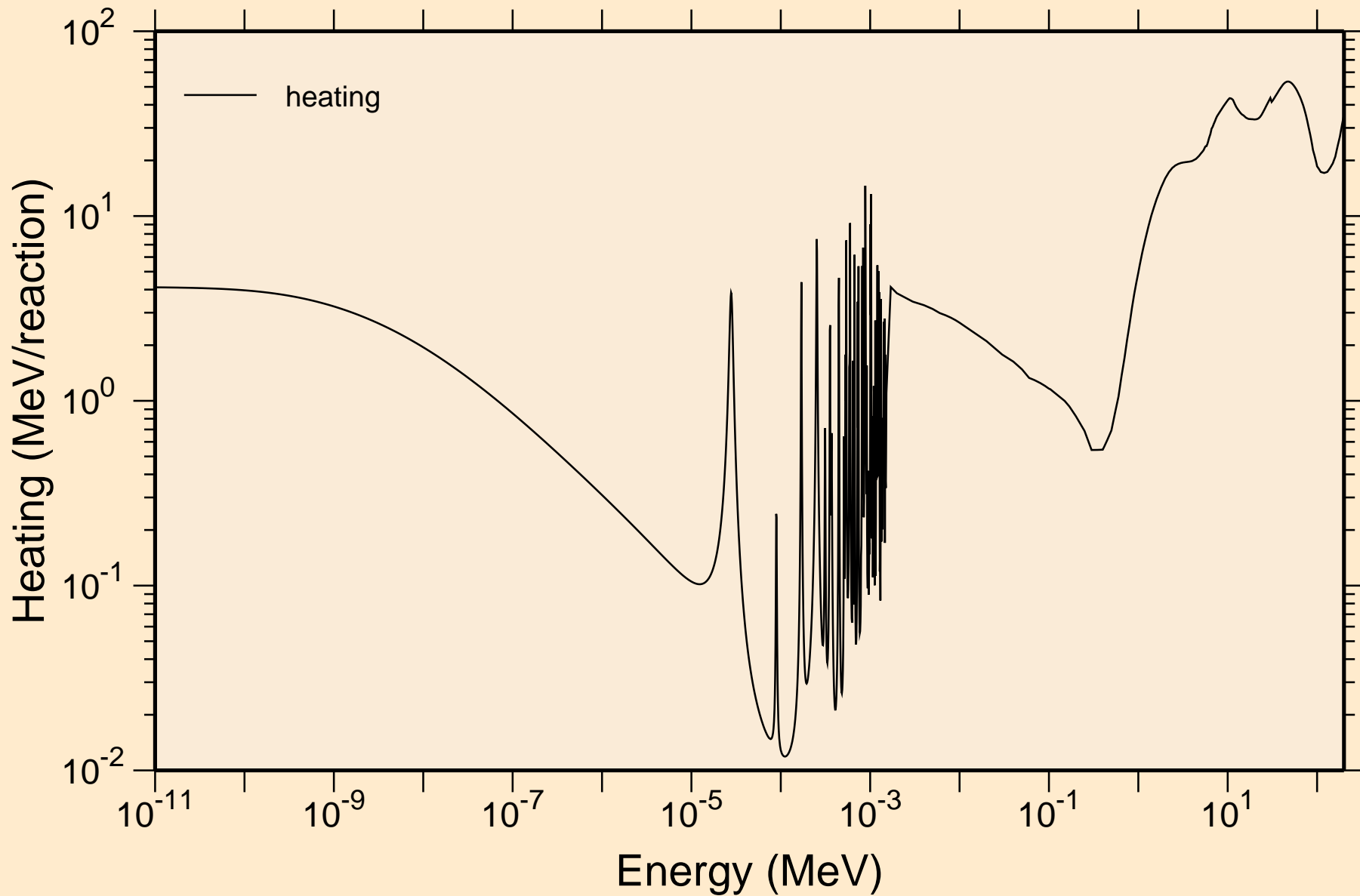
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resonance absorption cross sections



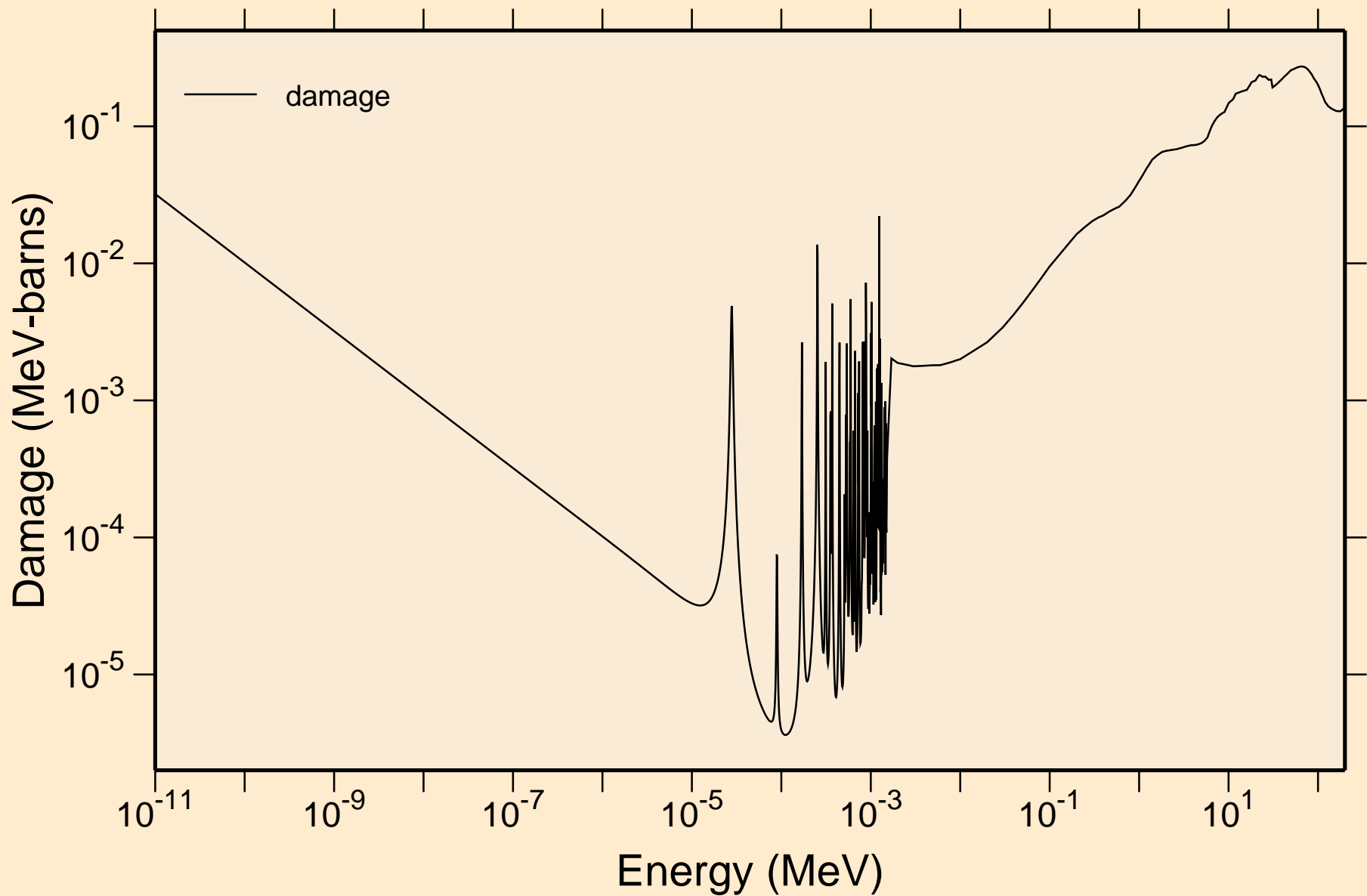
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resonance absorption cross sections



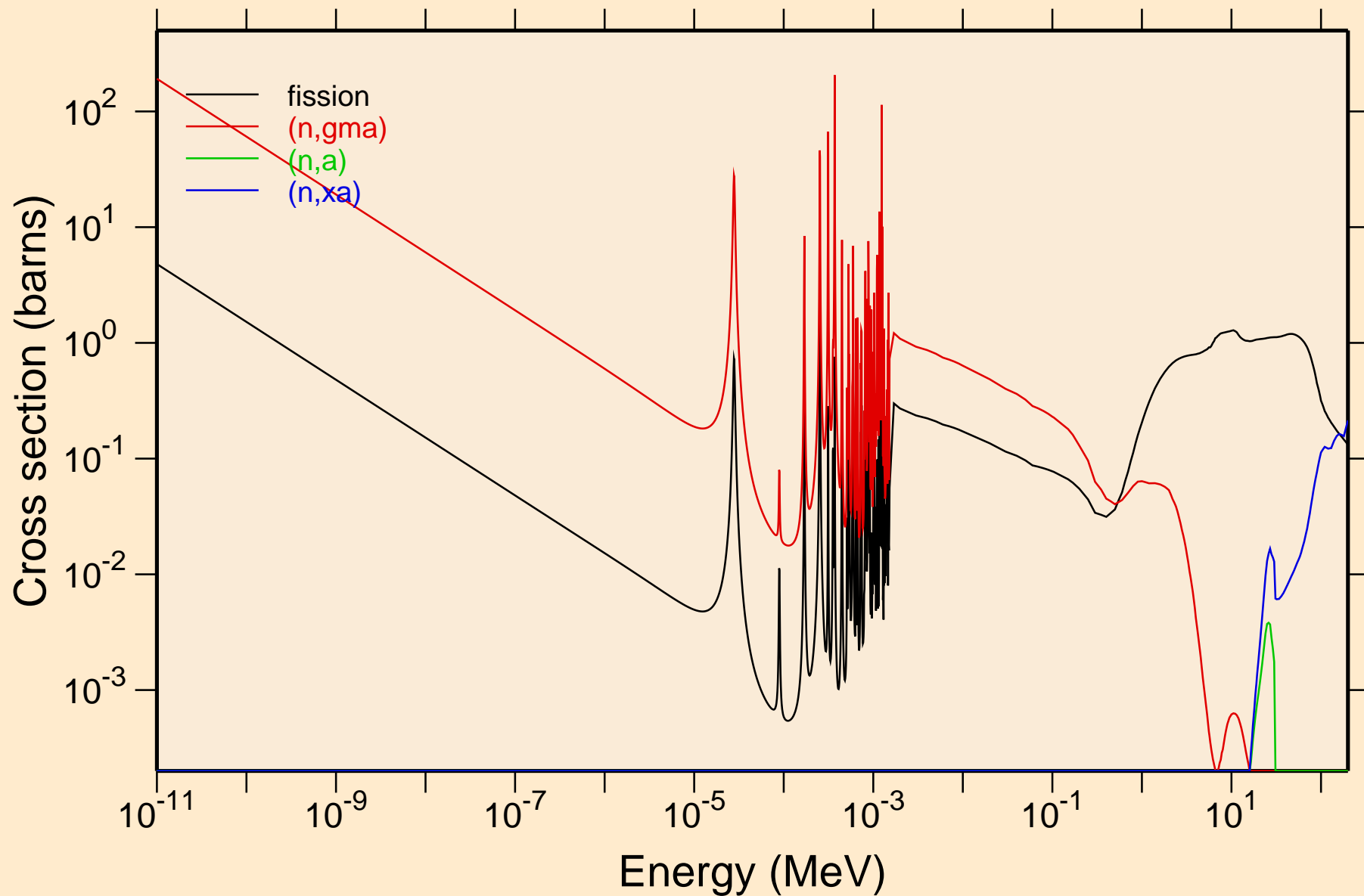
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

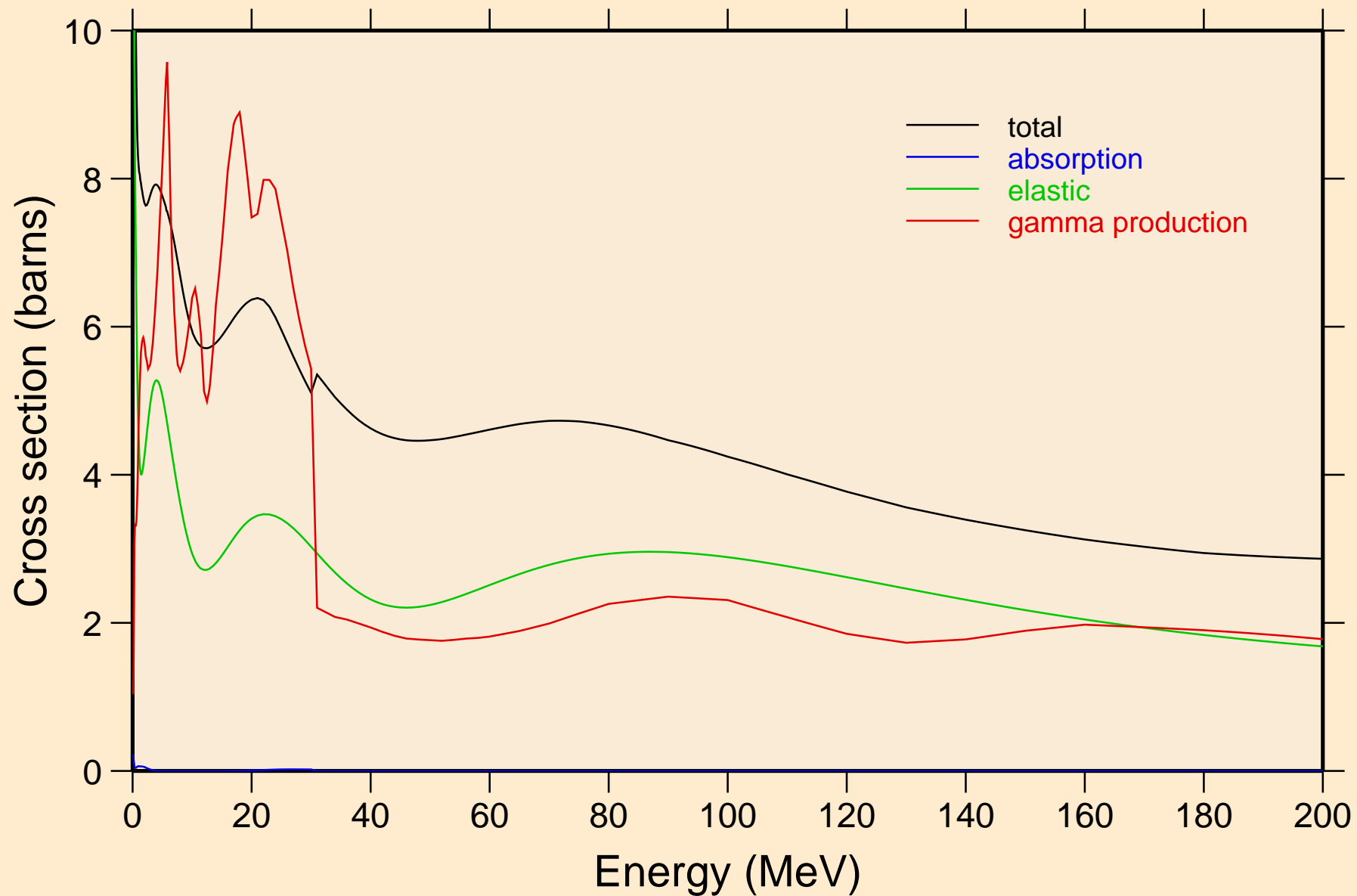


CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

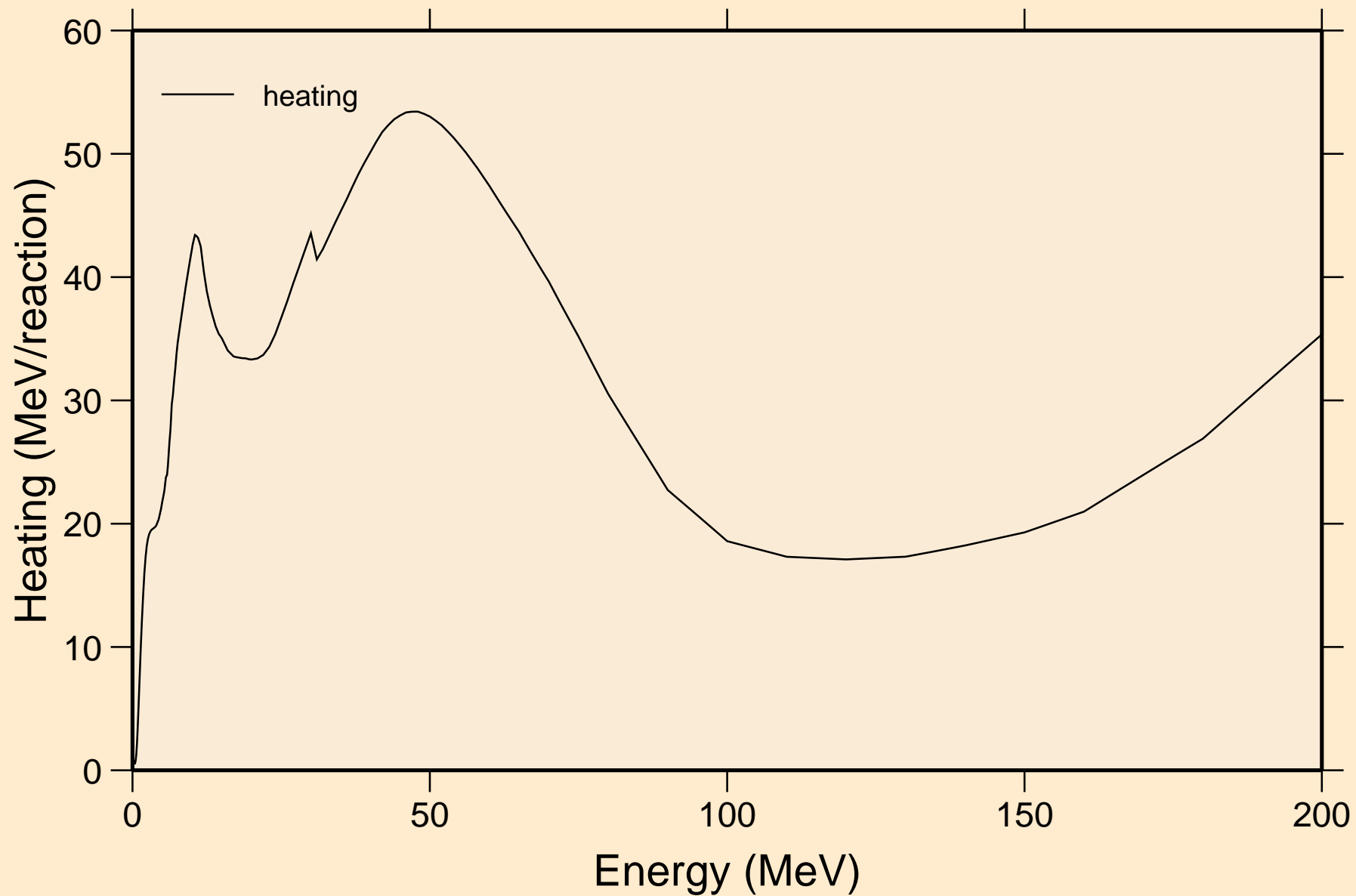


# CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

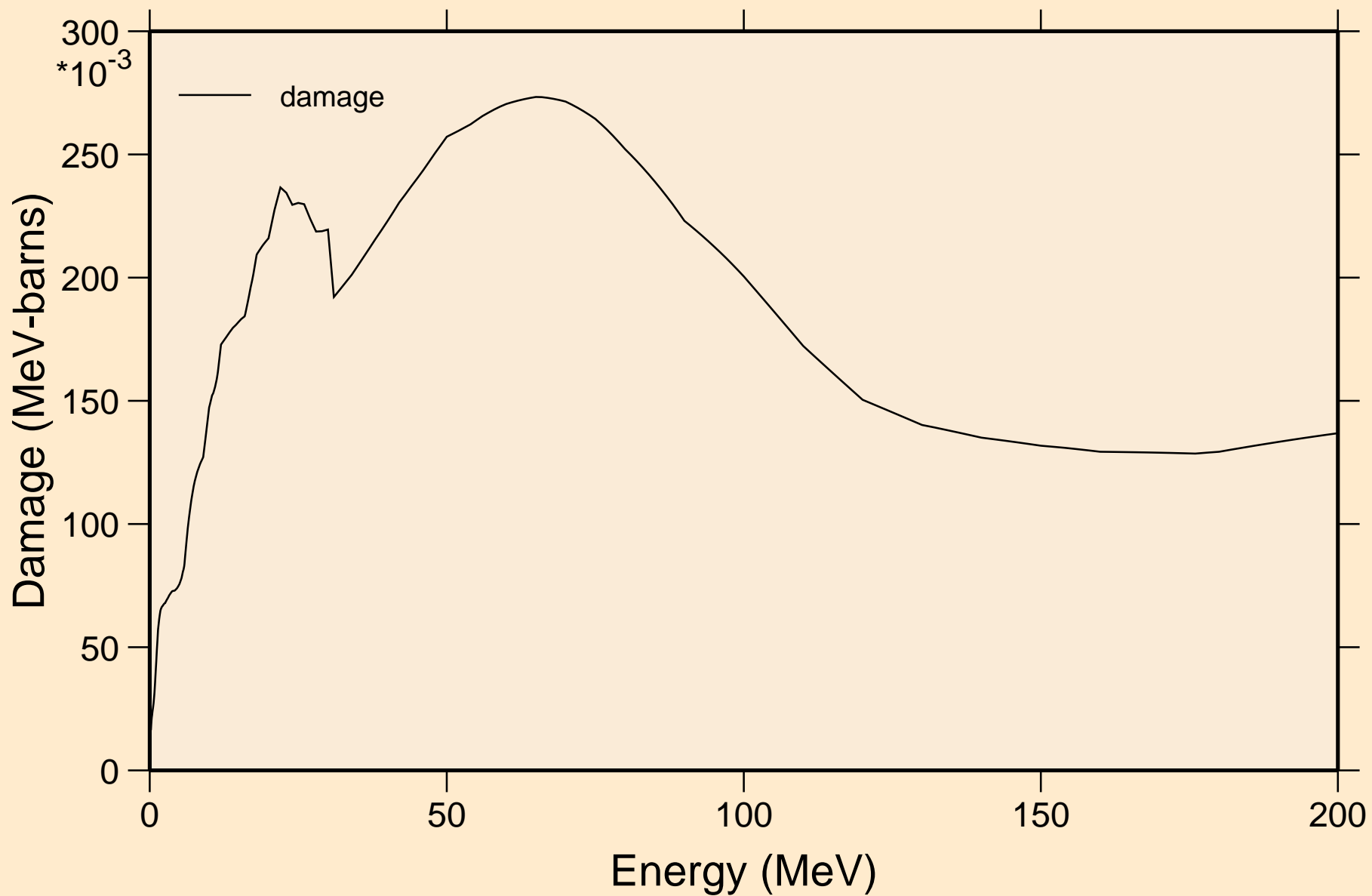
## Principal cross sections



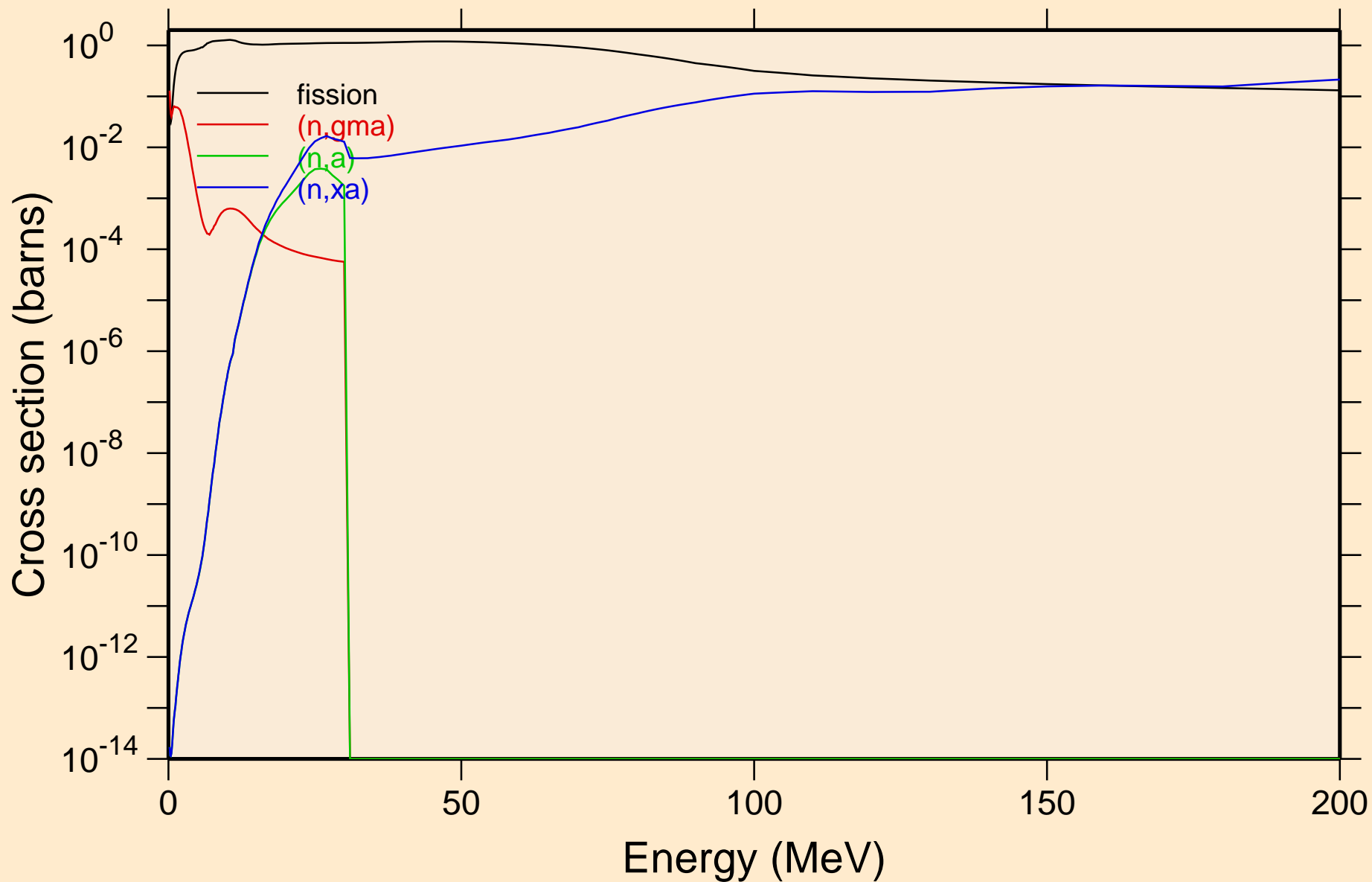
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



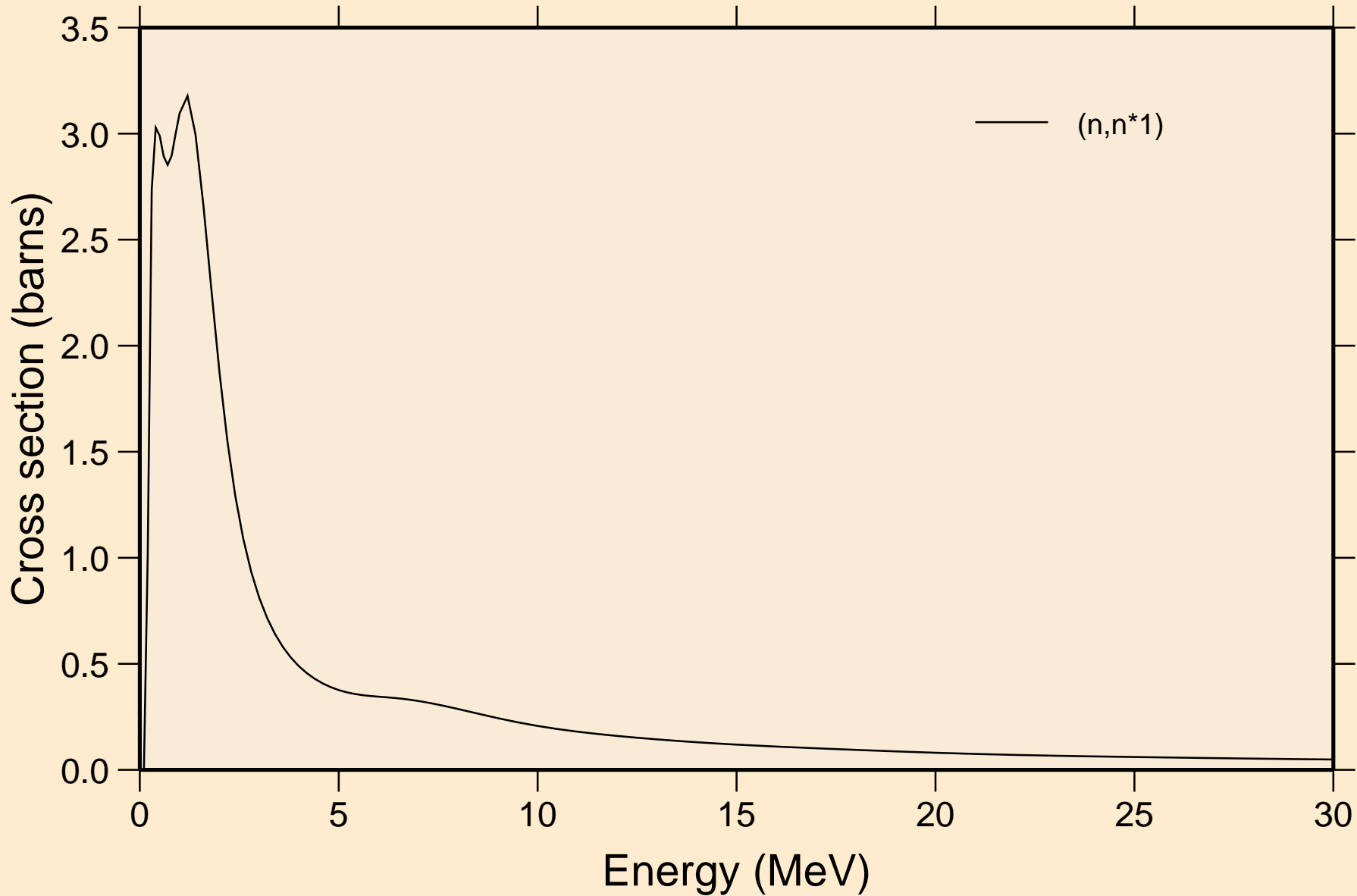
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

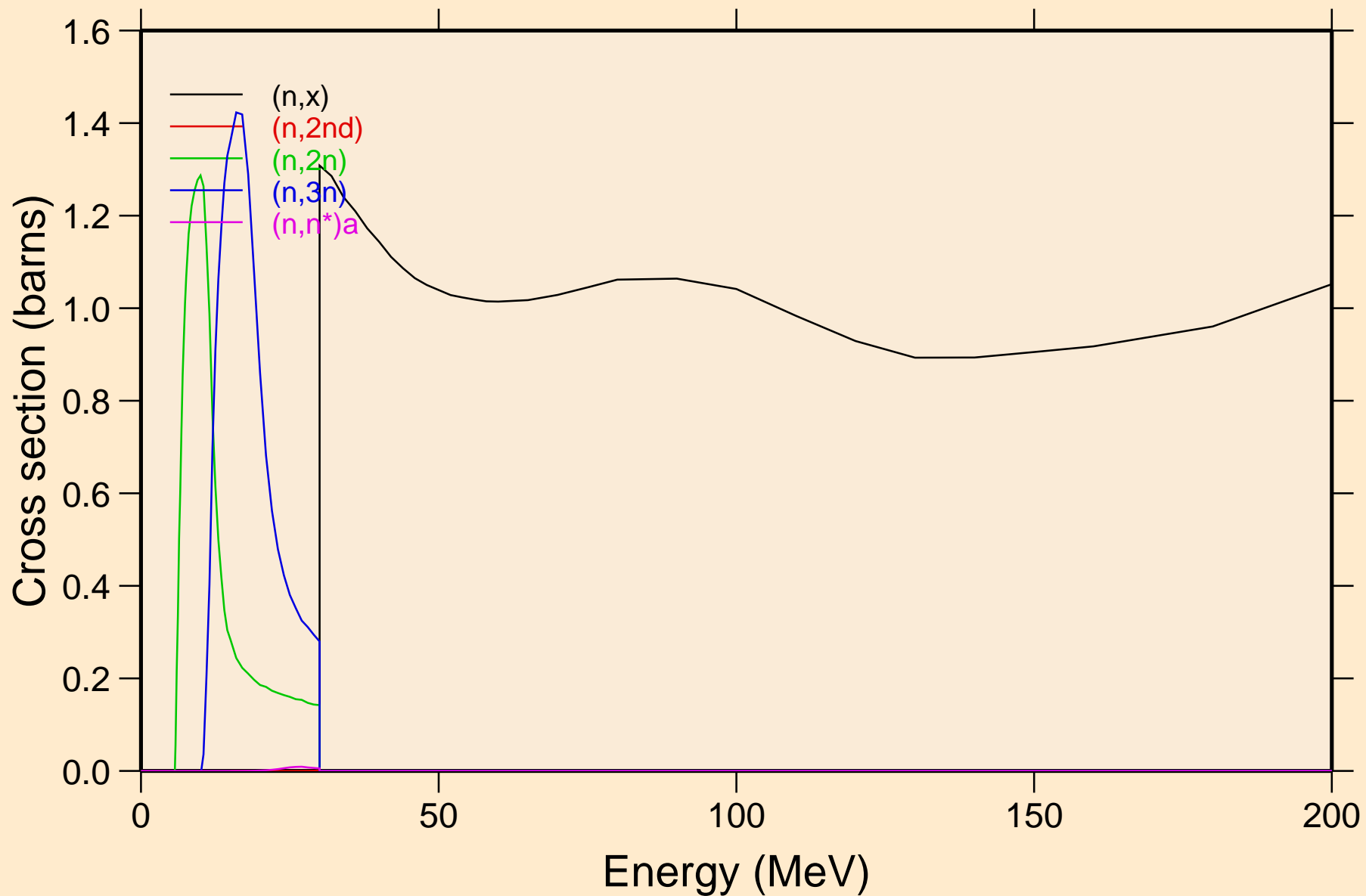


CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

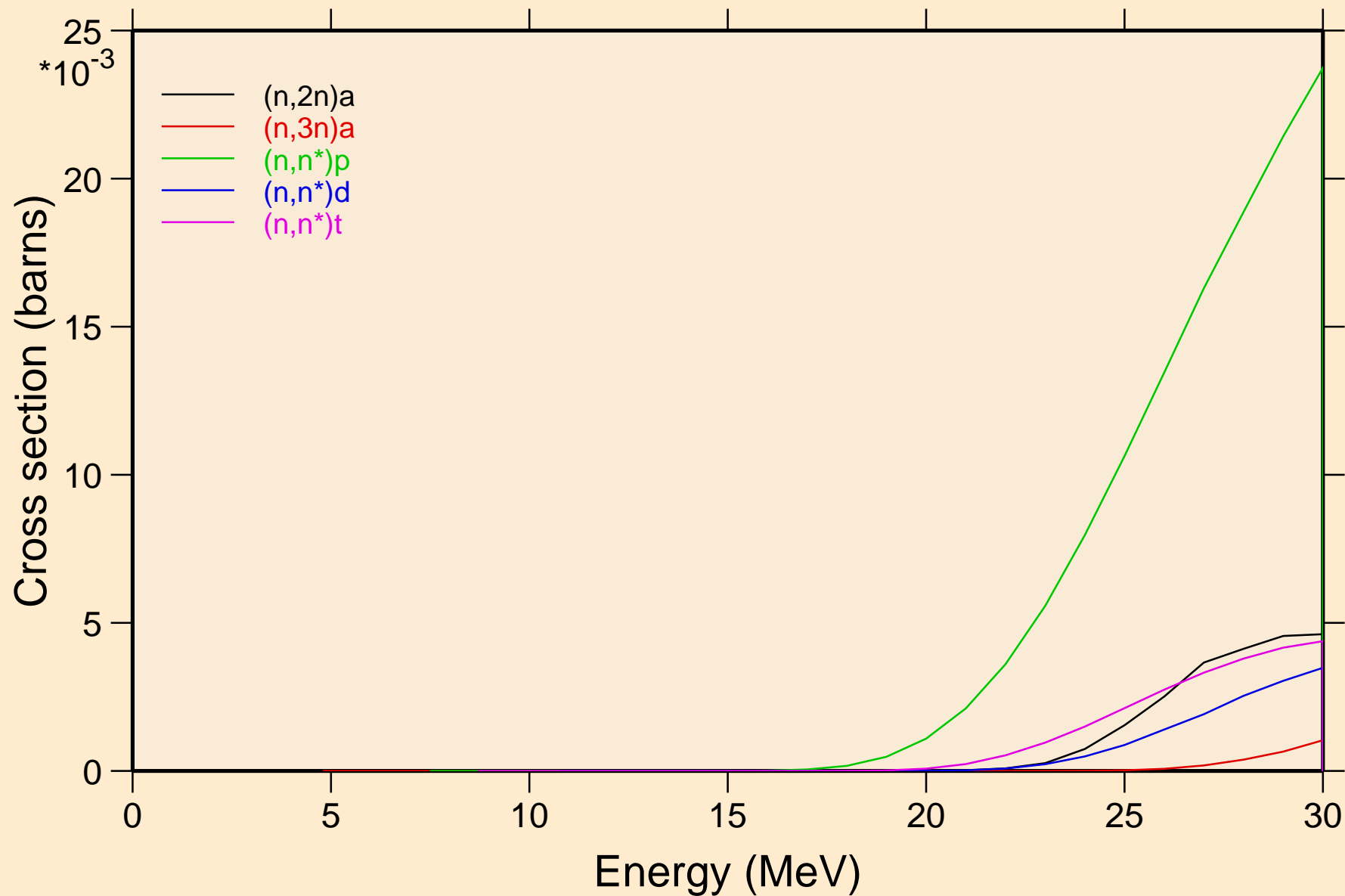


# CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

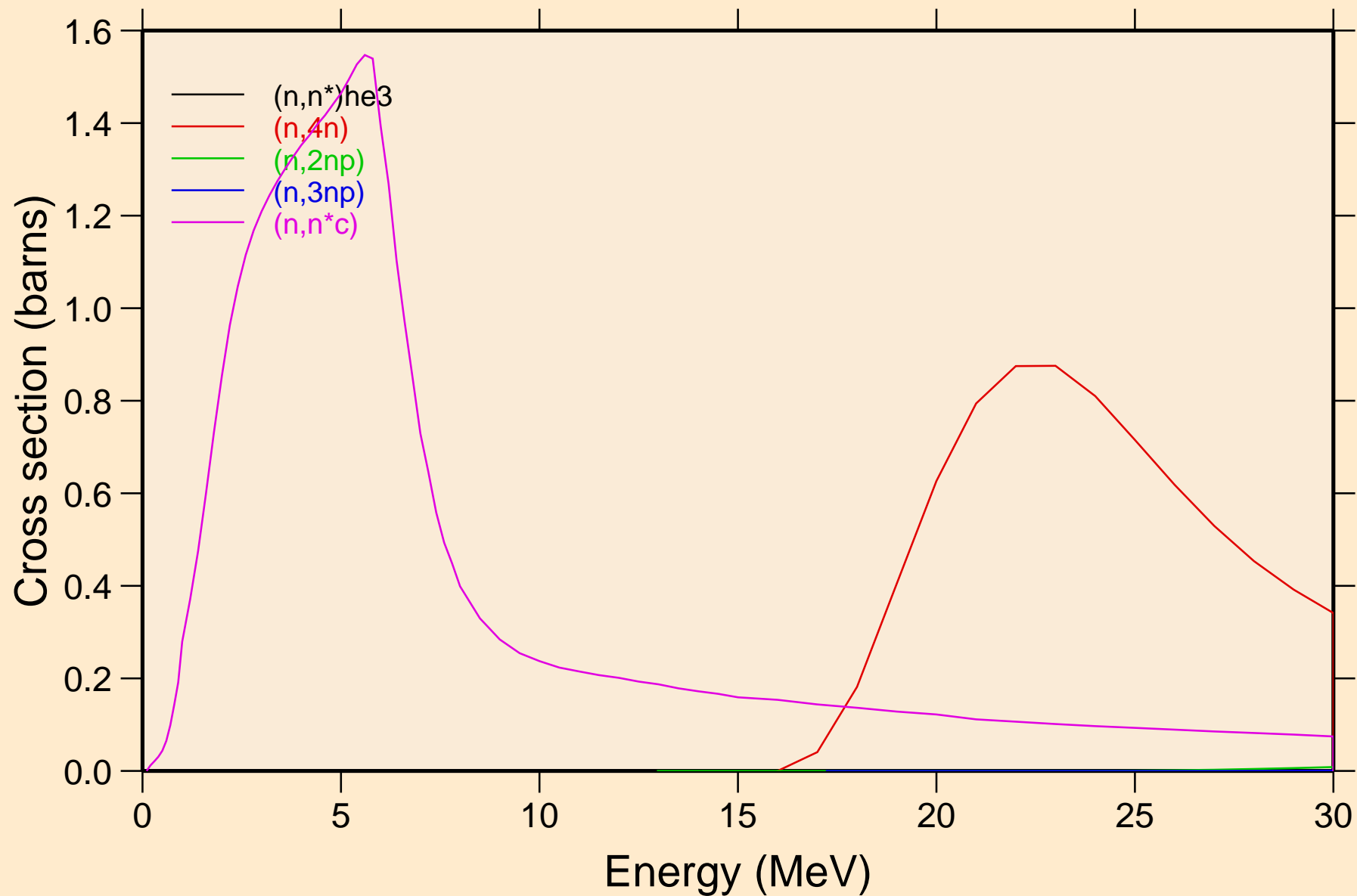
## Threshold reactions



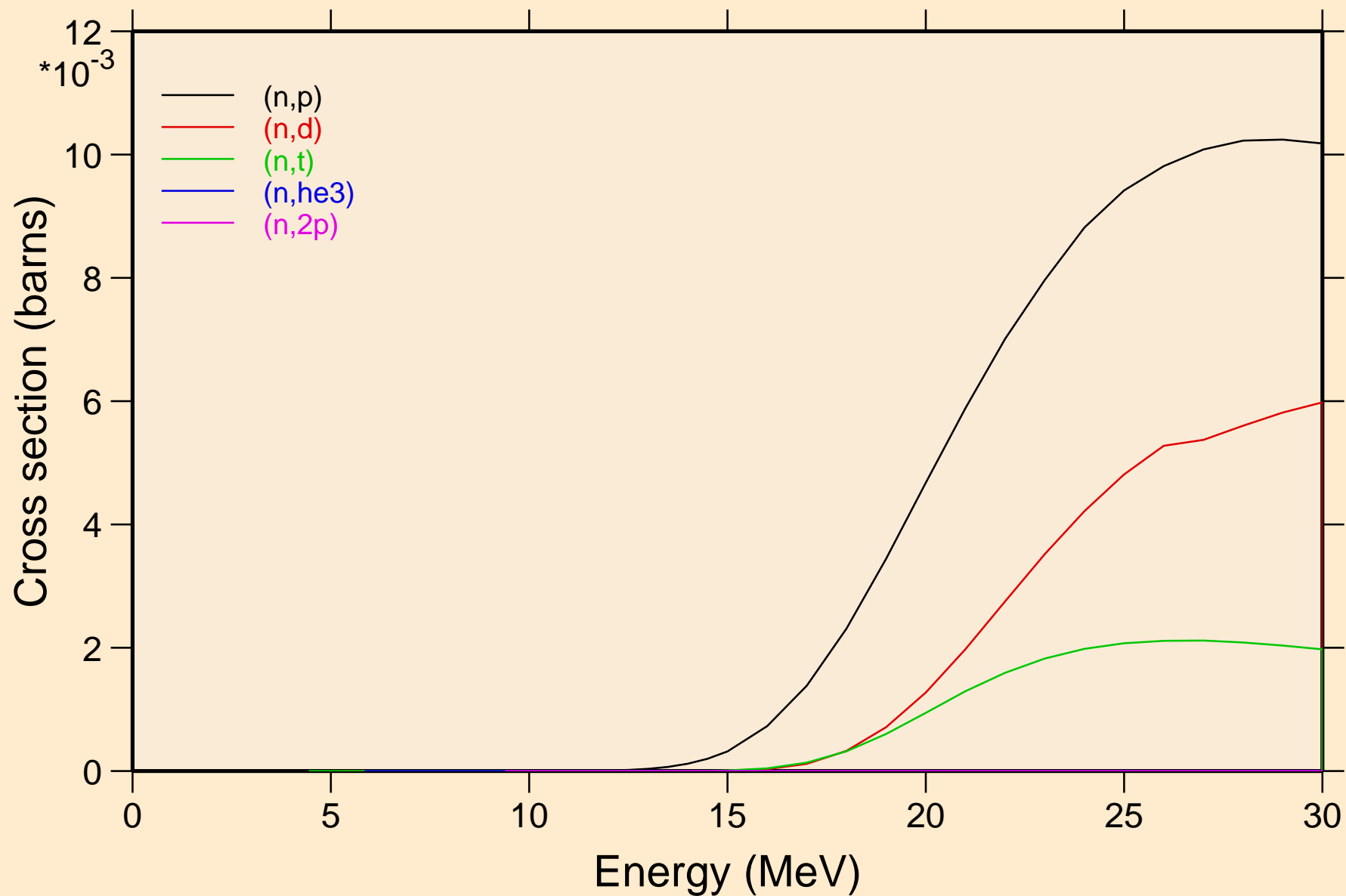
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



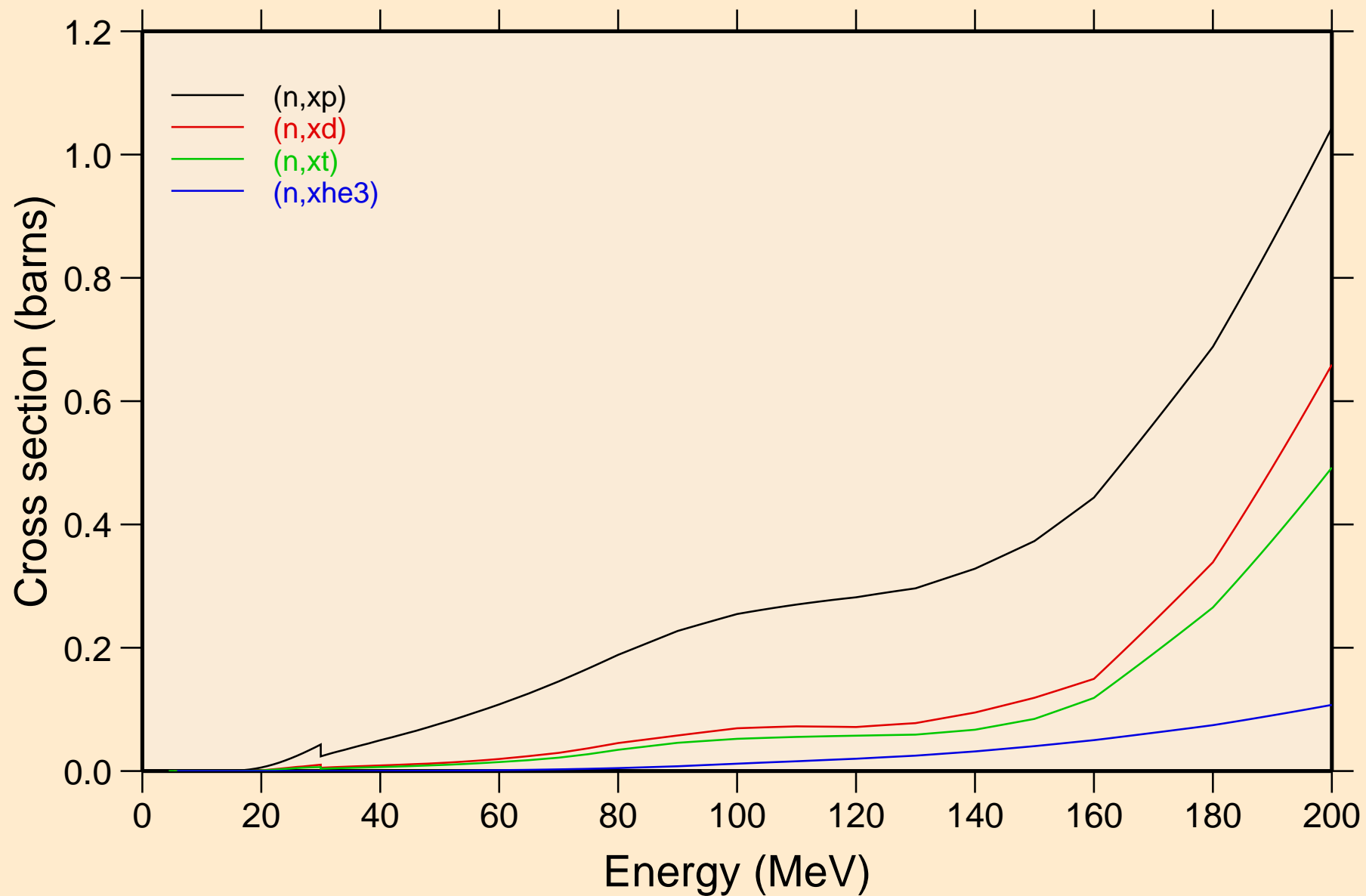
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Threshold reactions



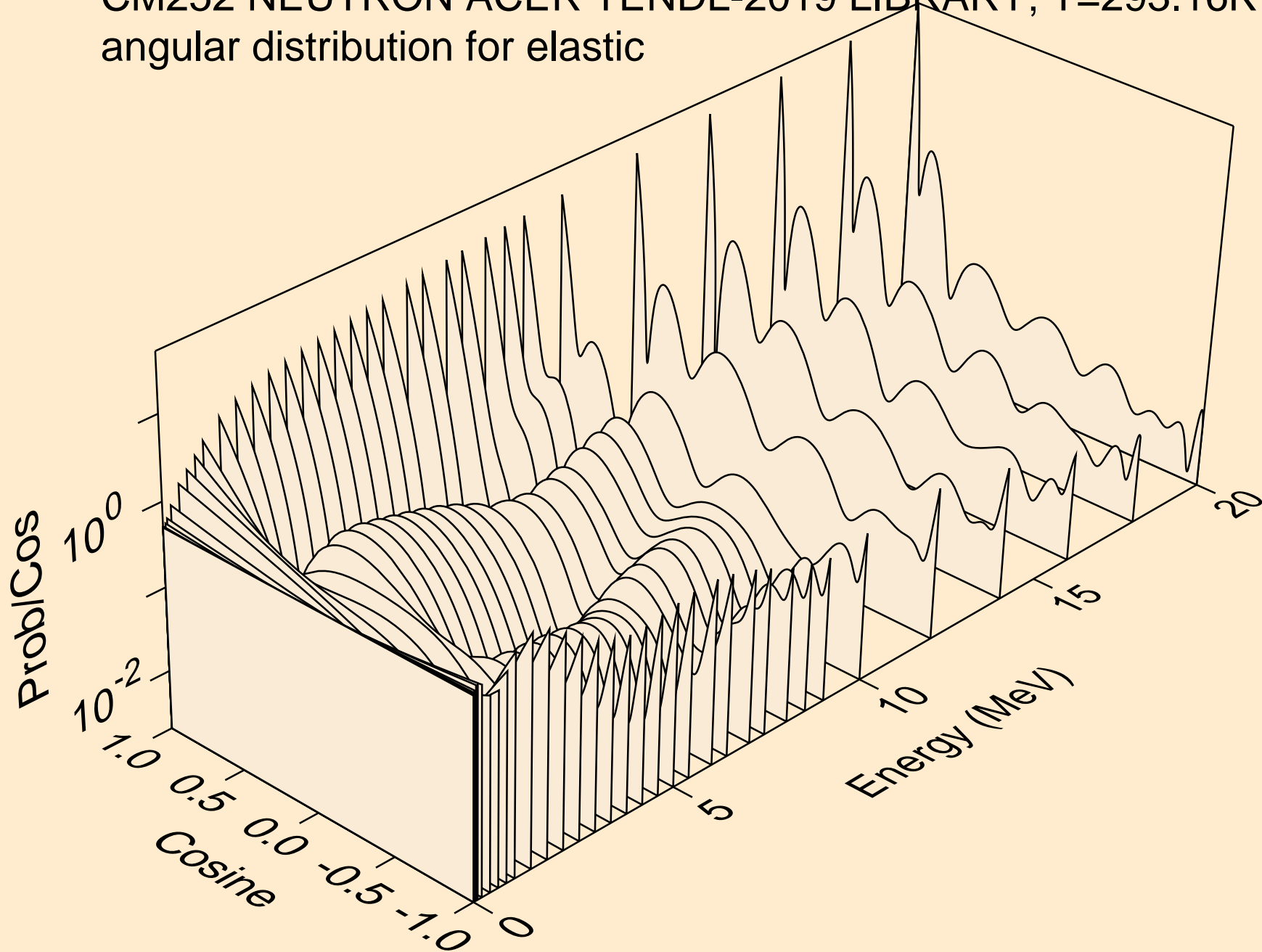
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Threshold reactions



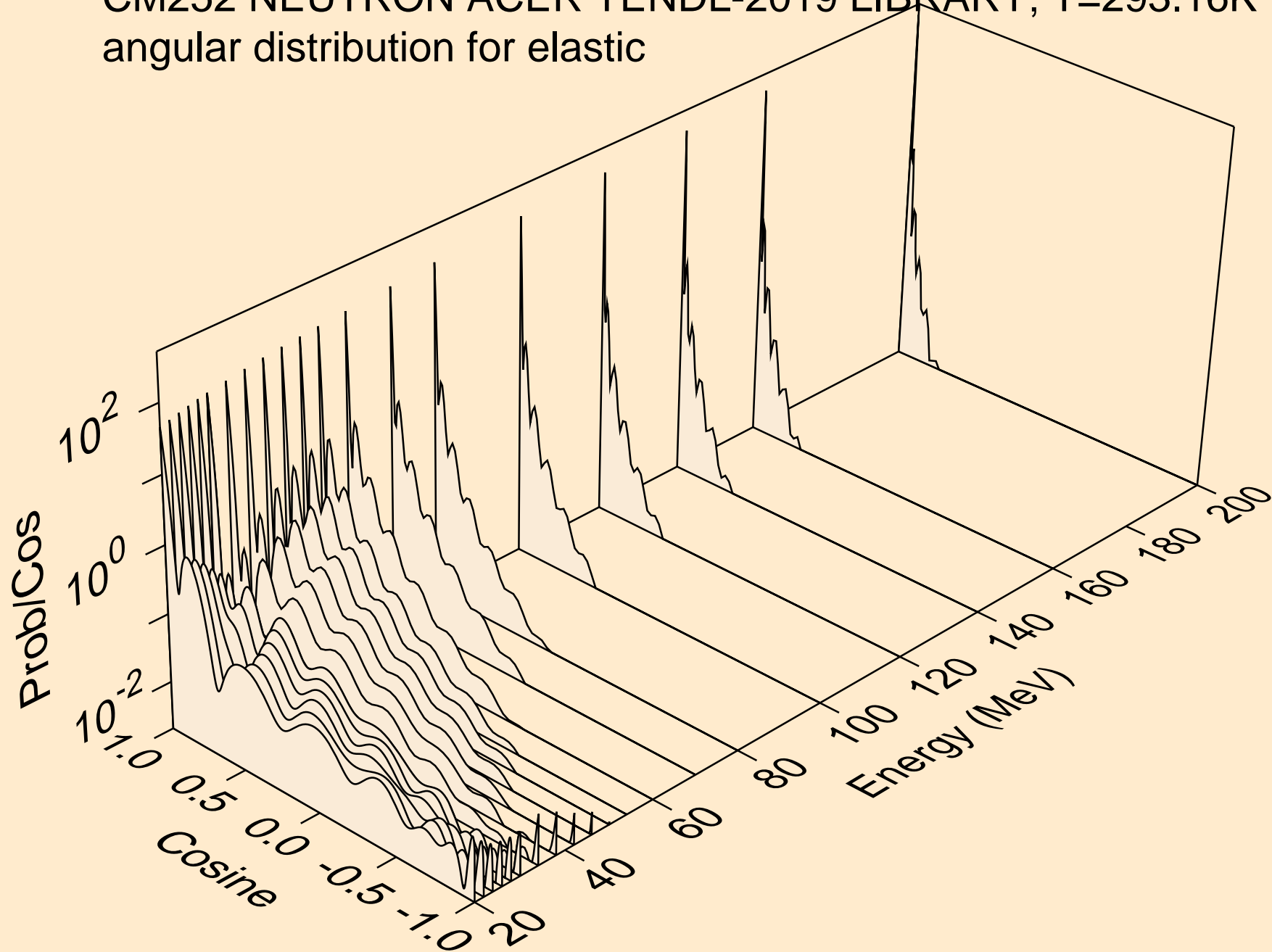
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



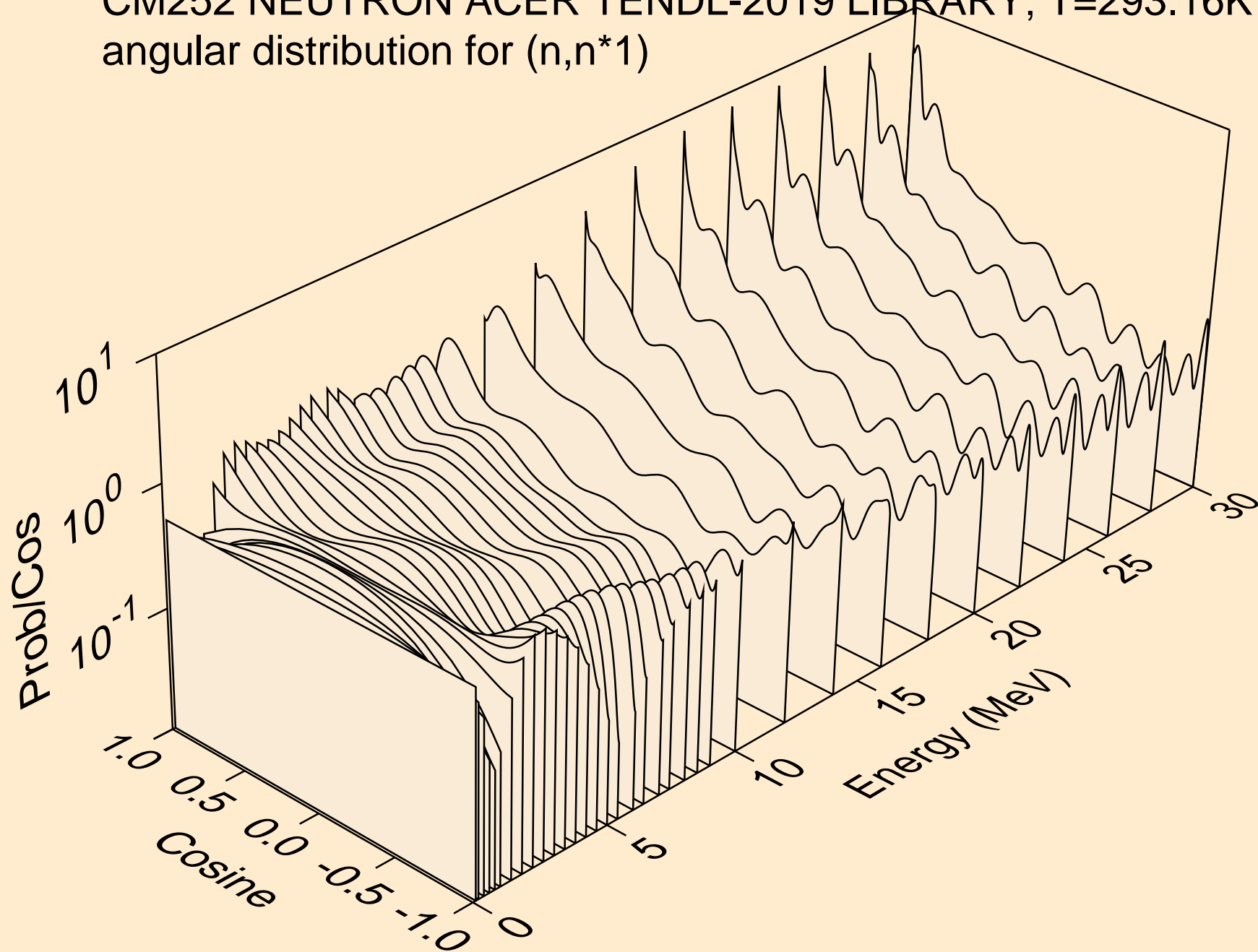
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

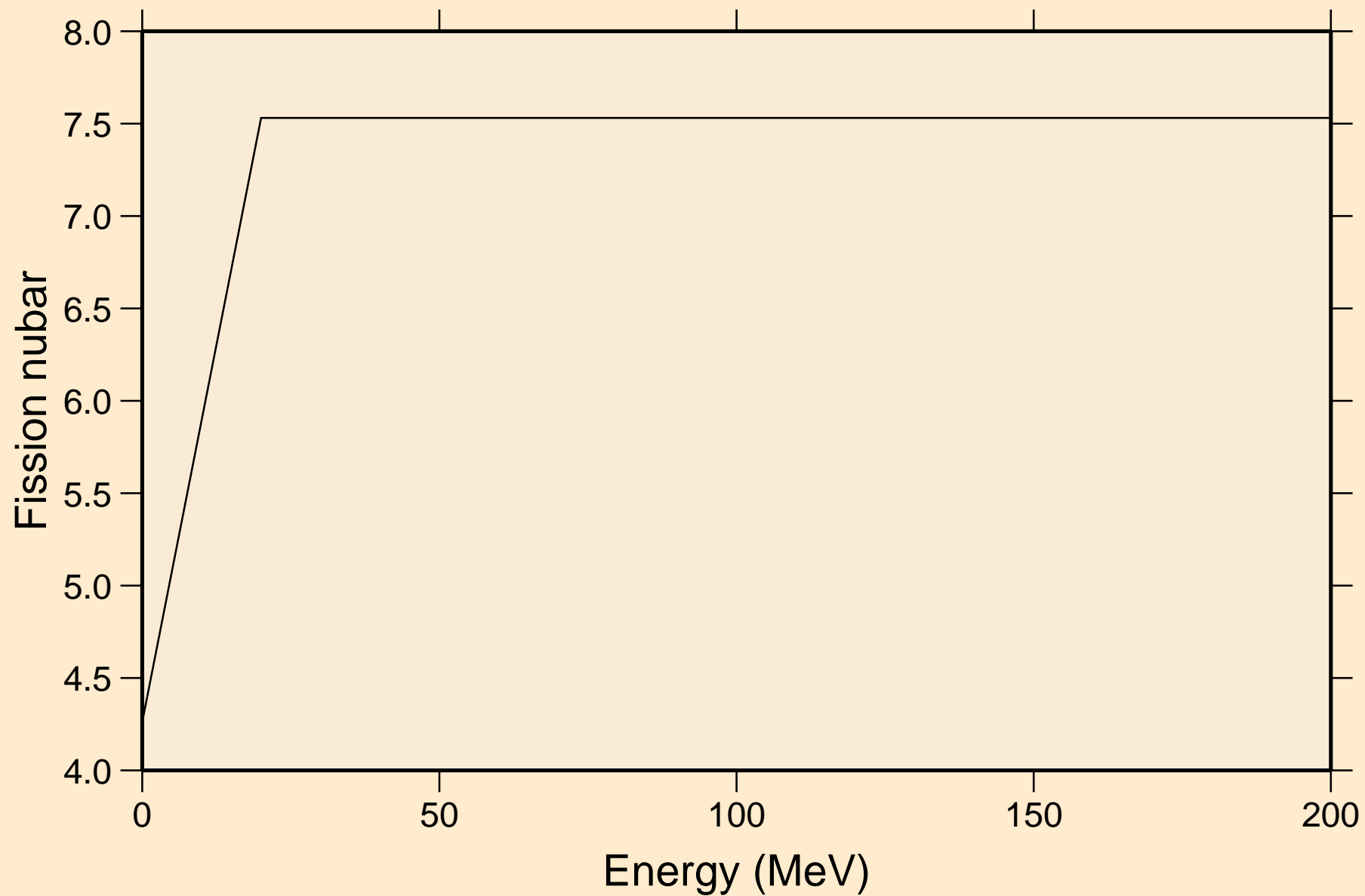


CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

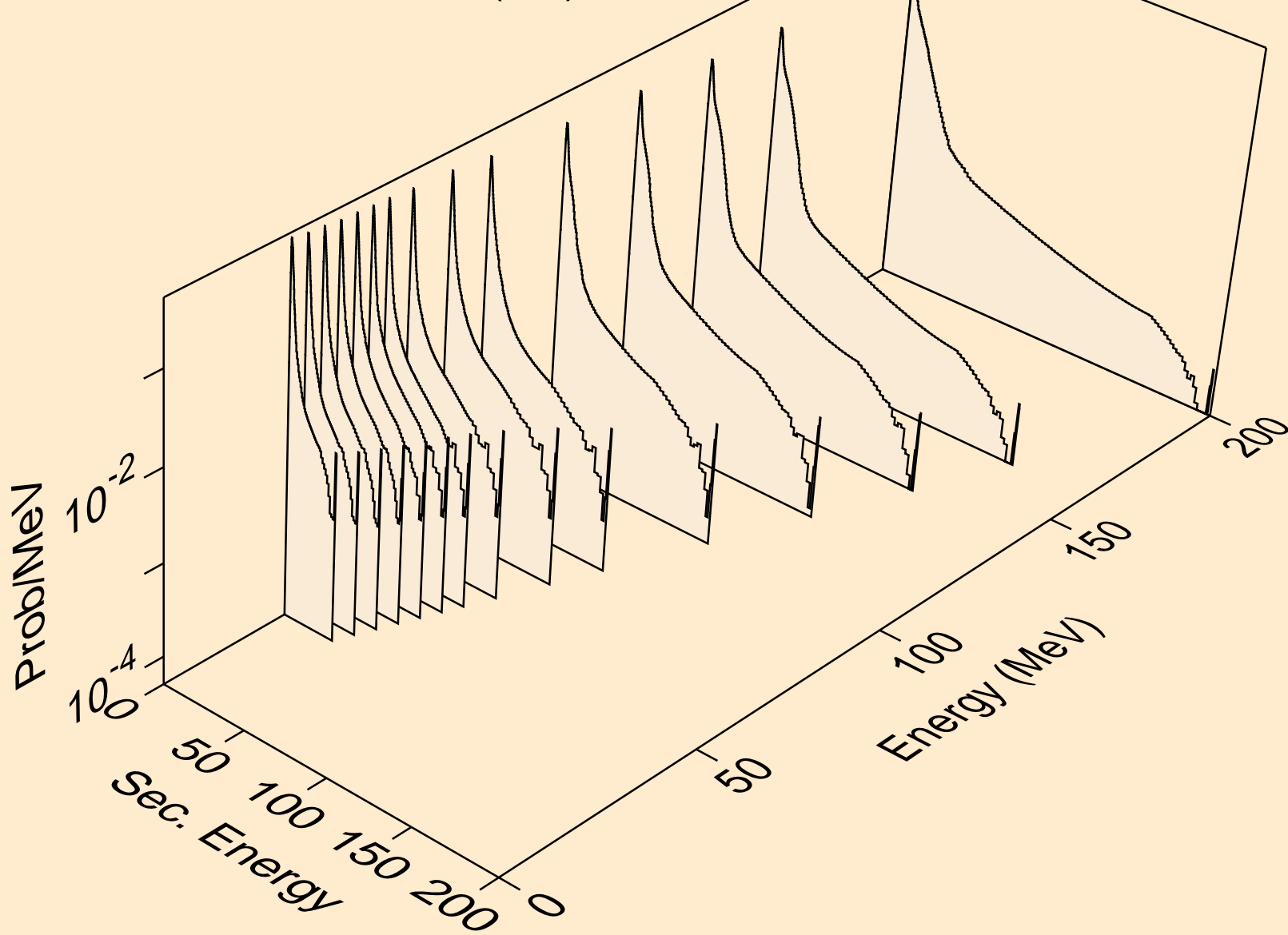


CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

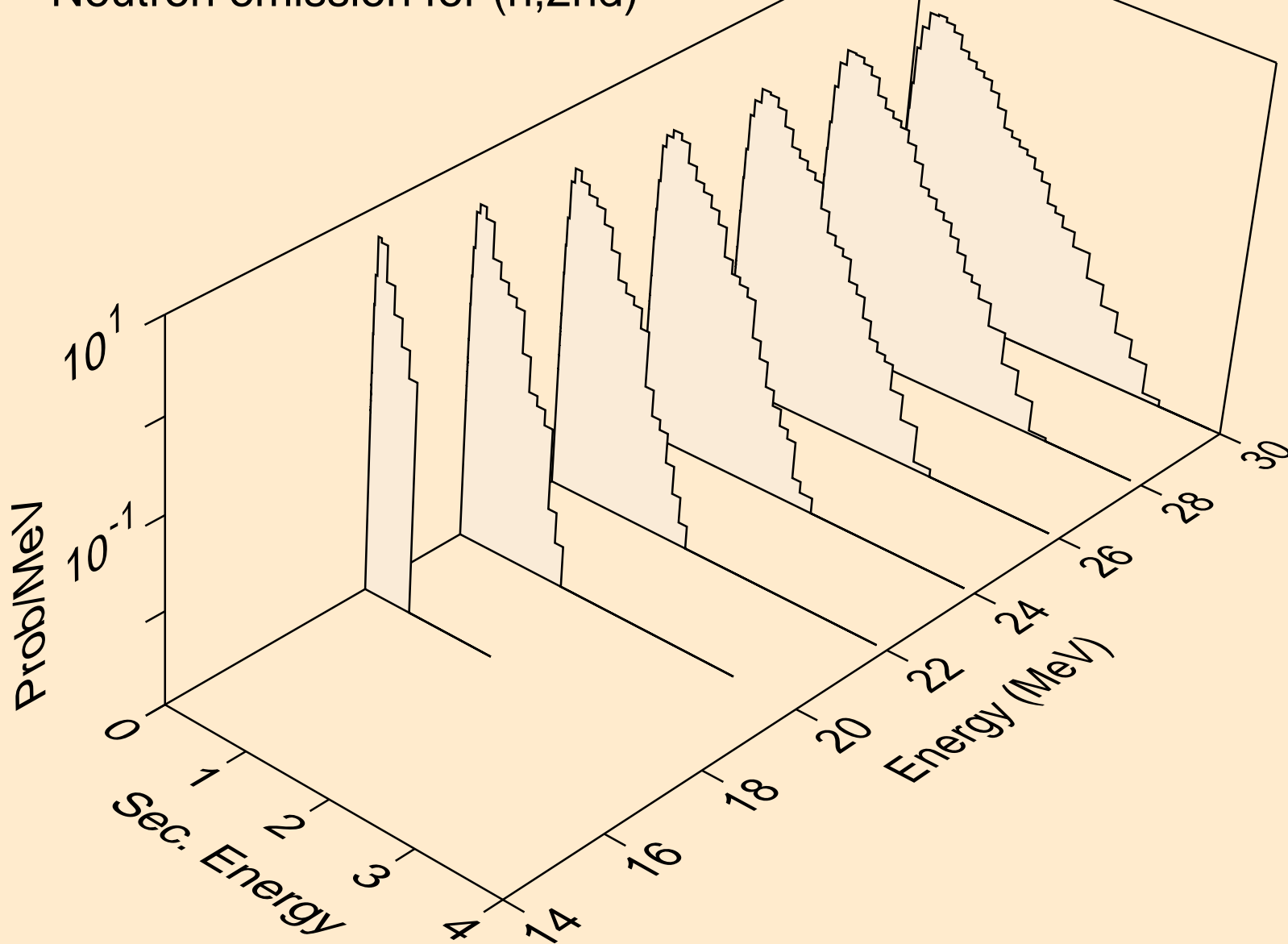
Total fission nubar



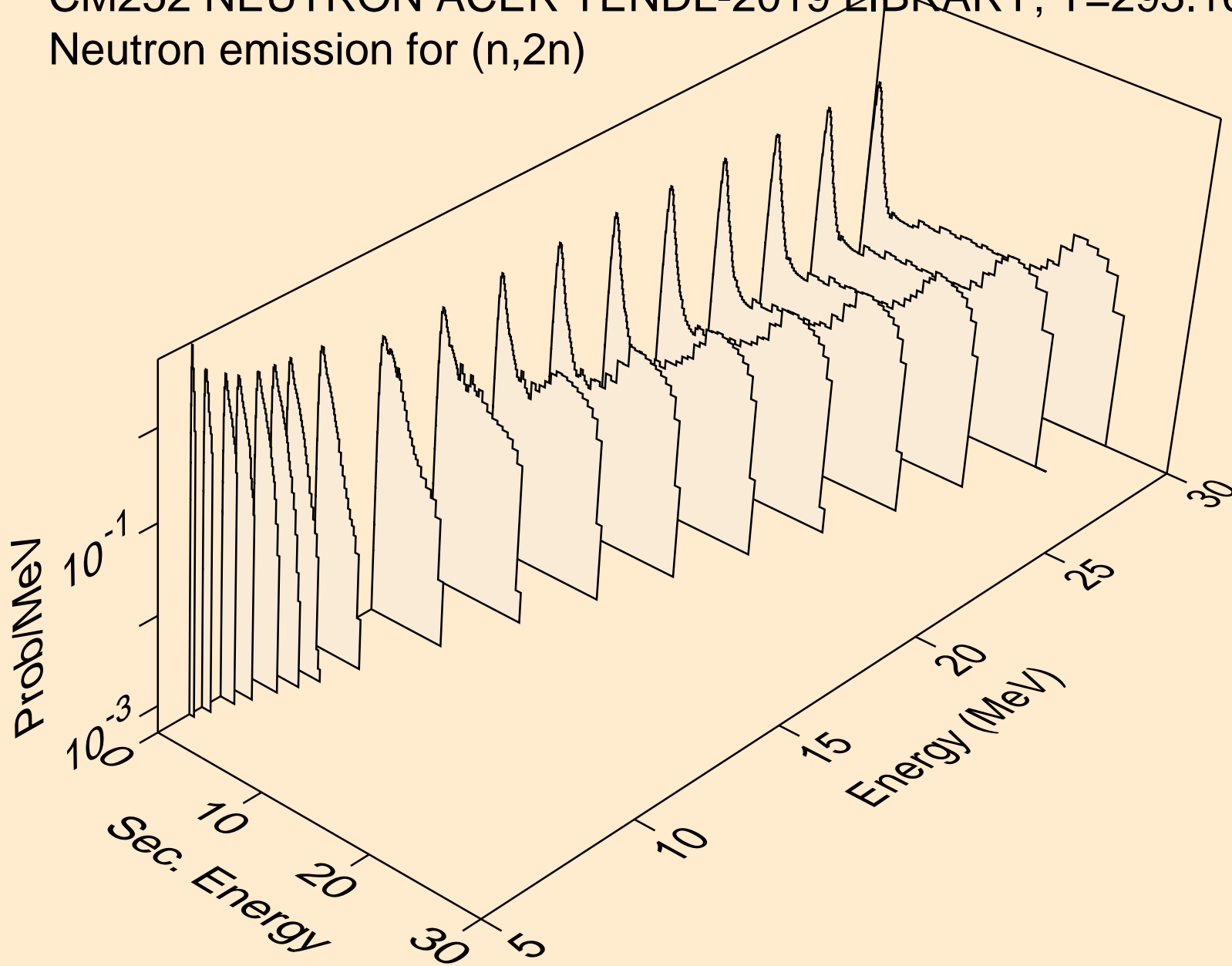
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



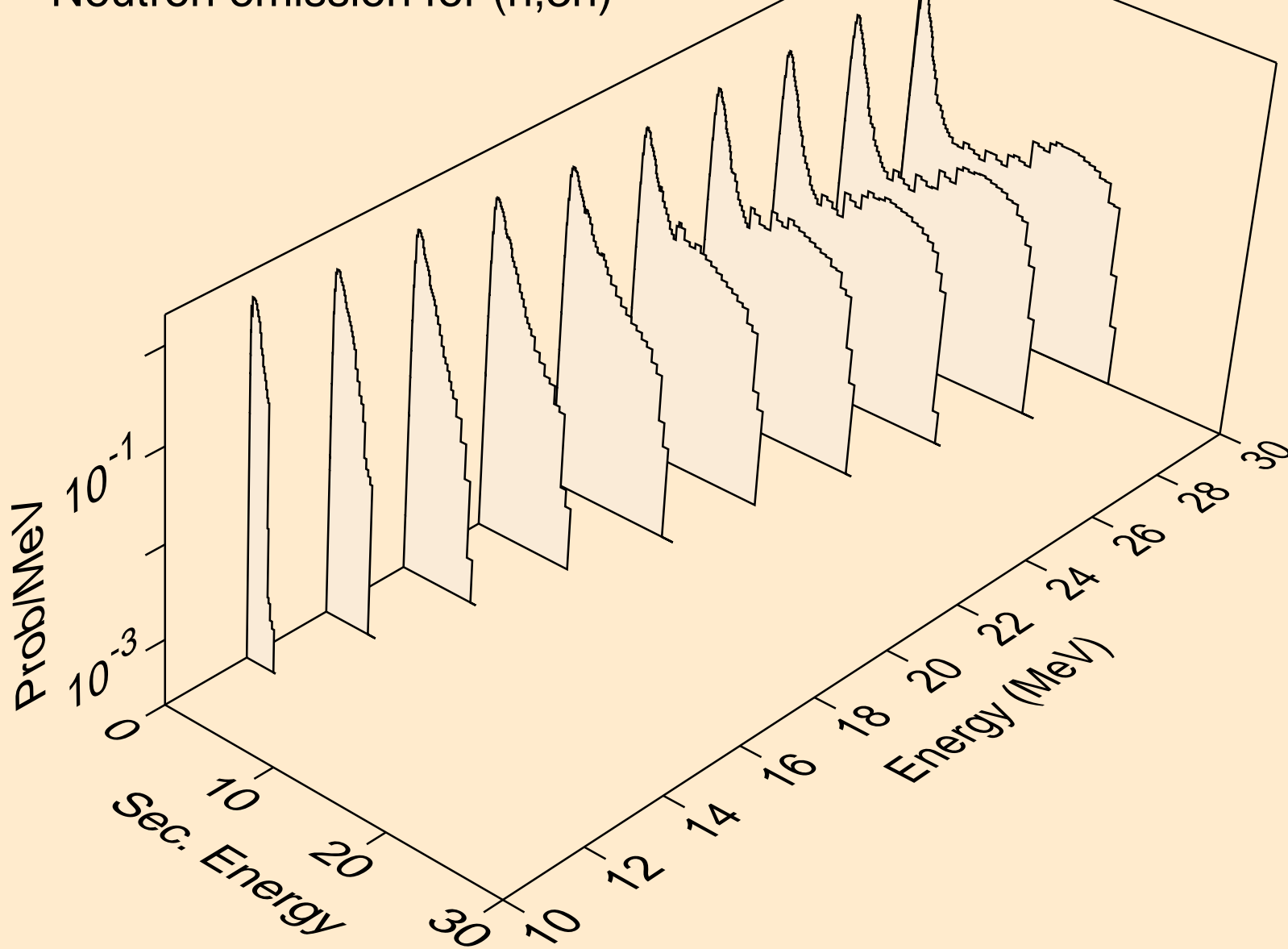
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Neutron emission for (n,2nd)



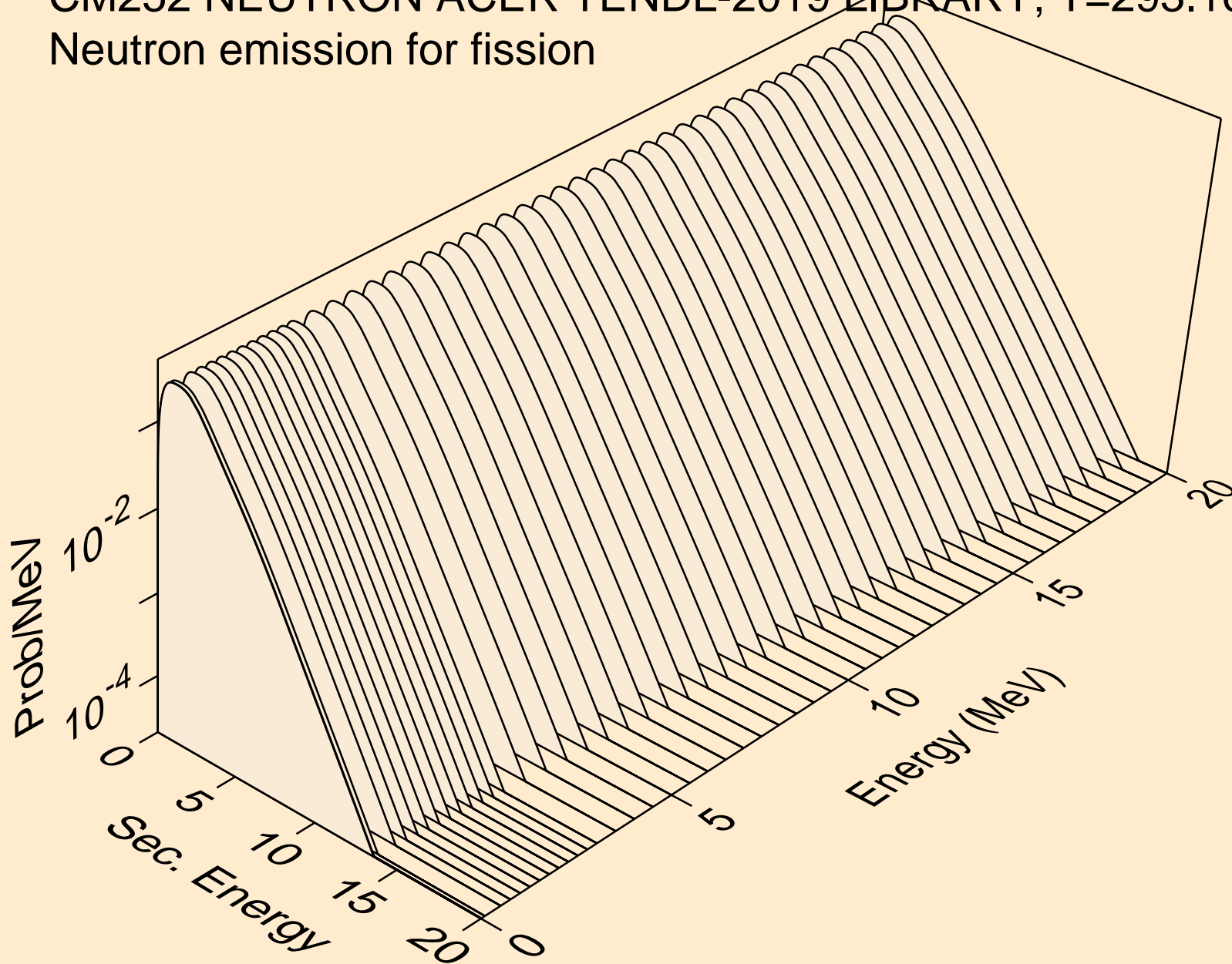
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



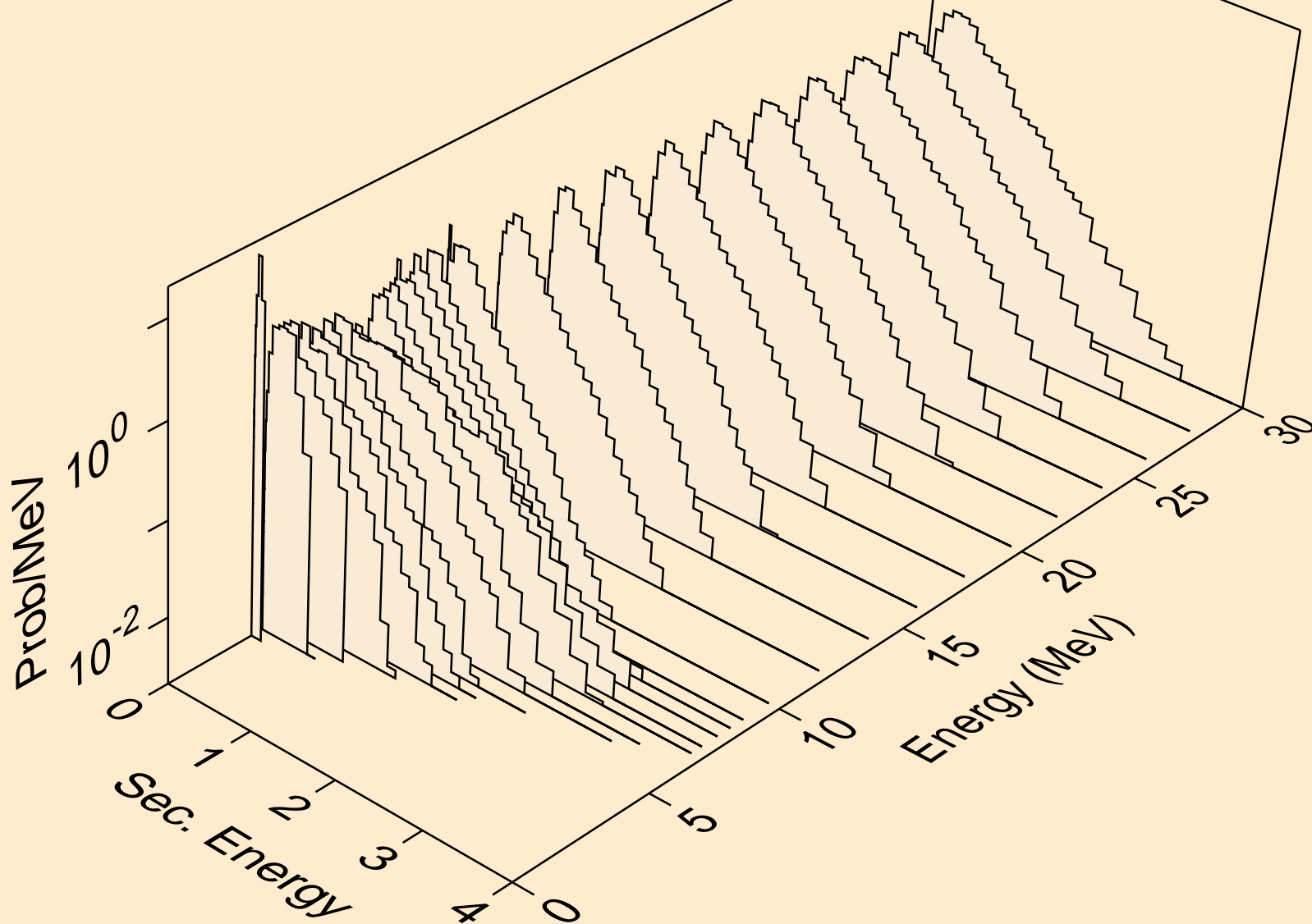
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Neutron emission for (n,3n)



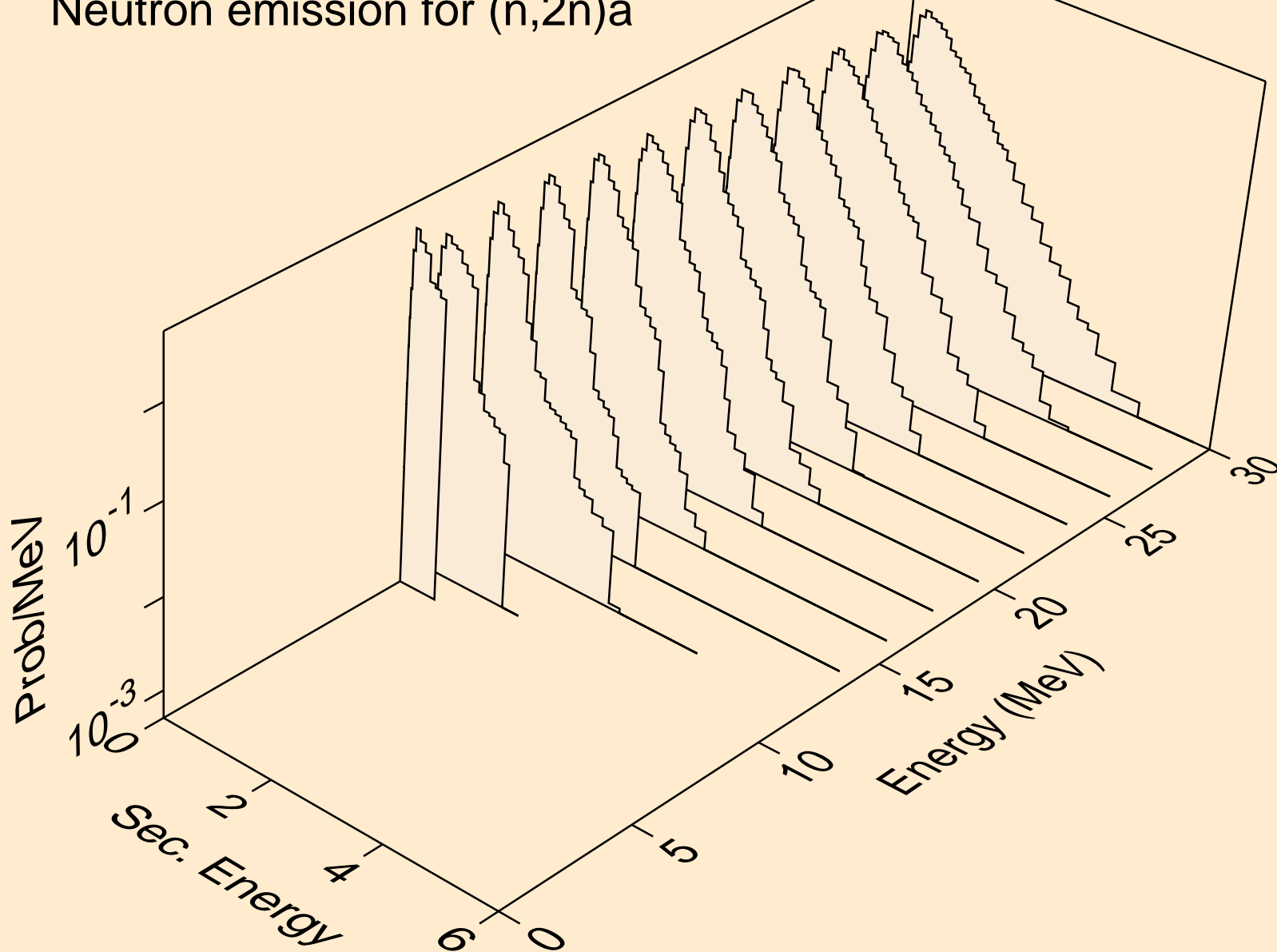
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Neutron emission for fission



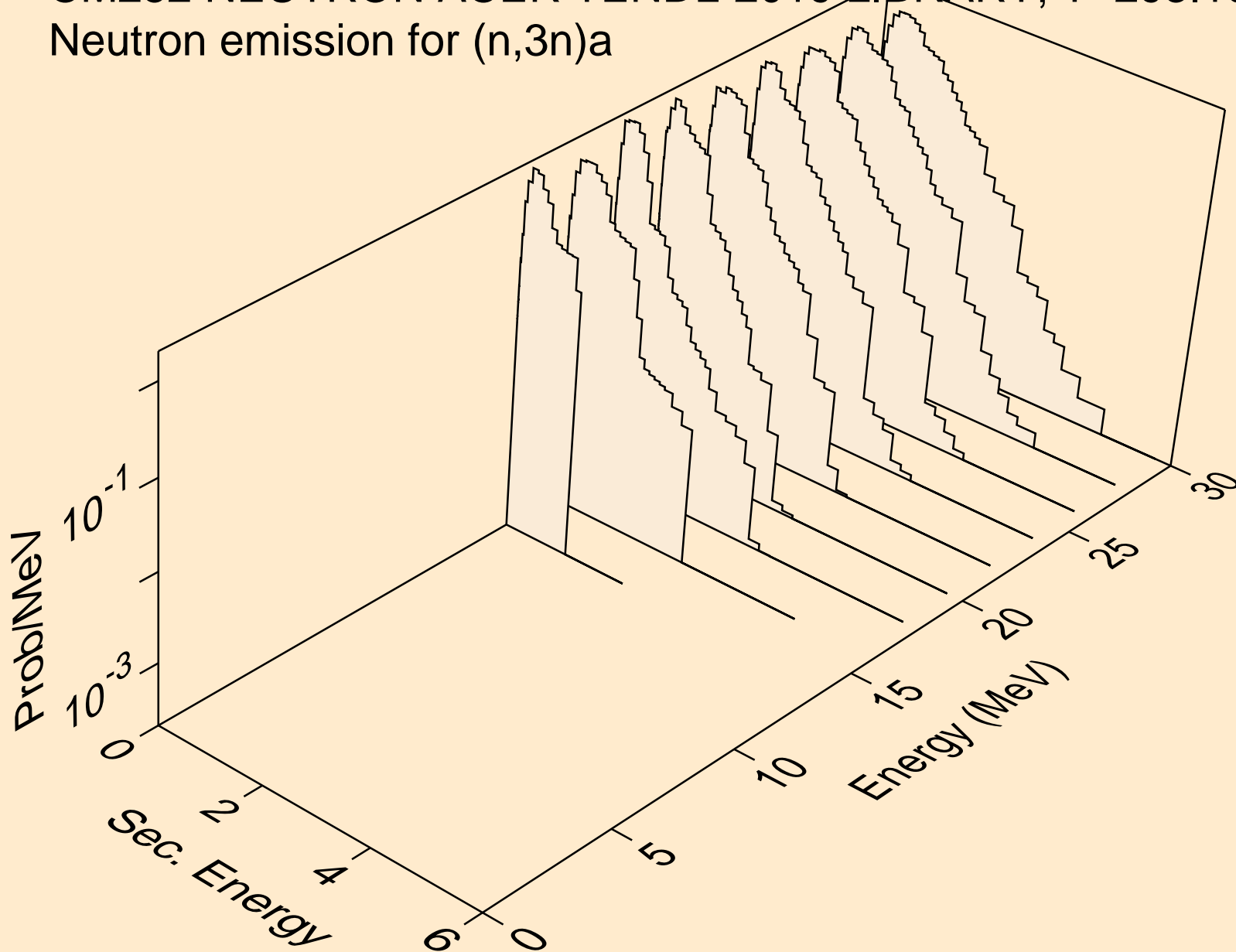
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



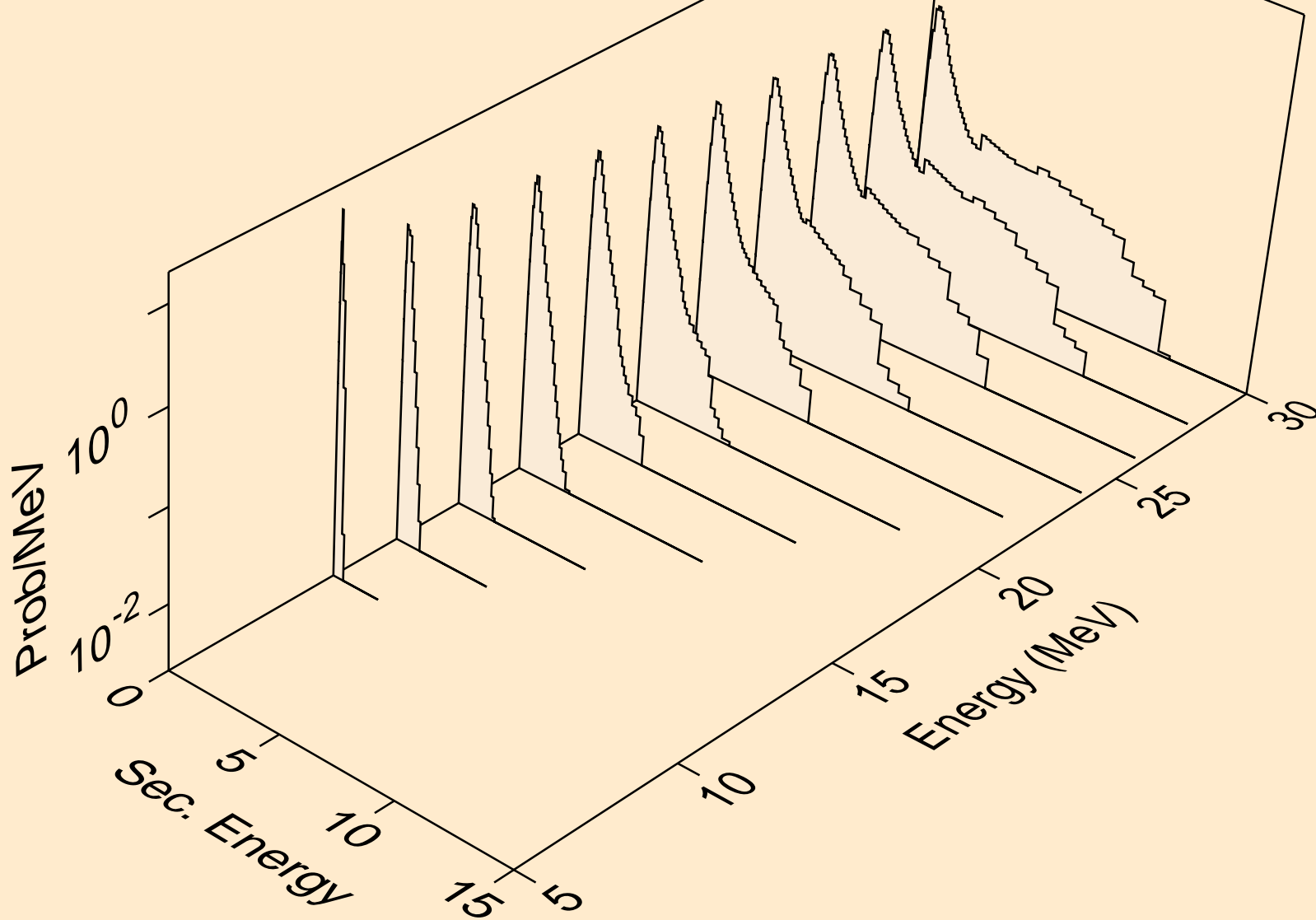
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Neutron emission for (n,2n)<sub>a</sub>



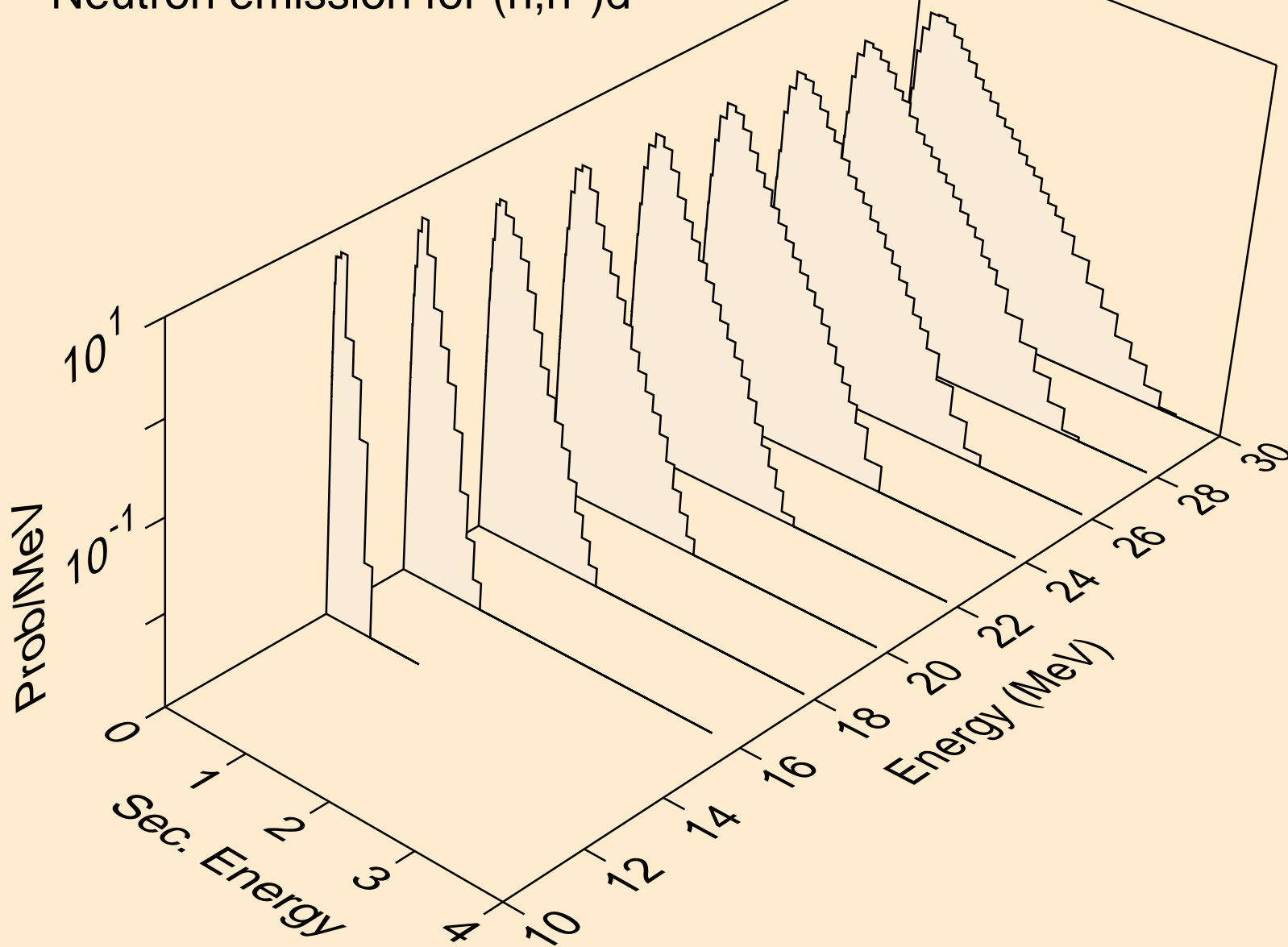
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Neutron emission for (n,3n)a



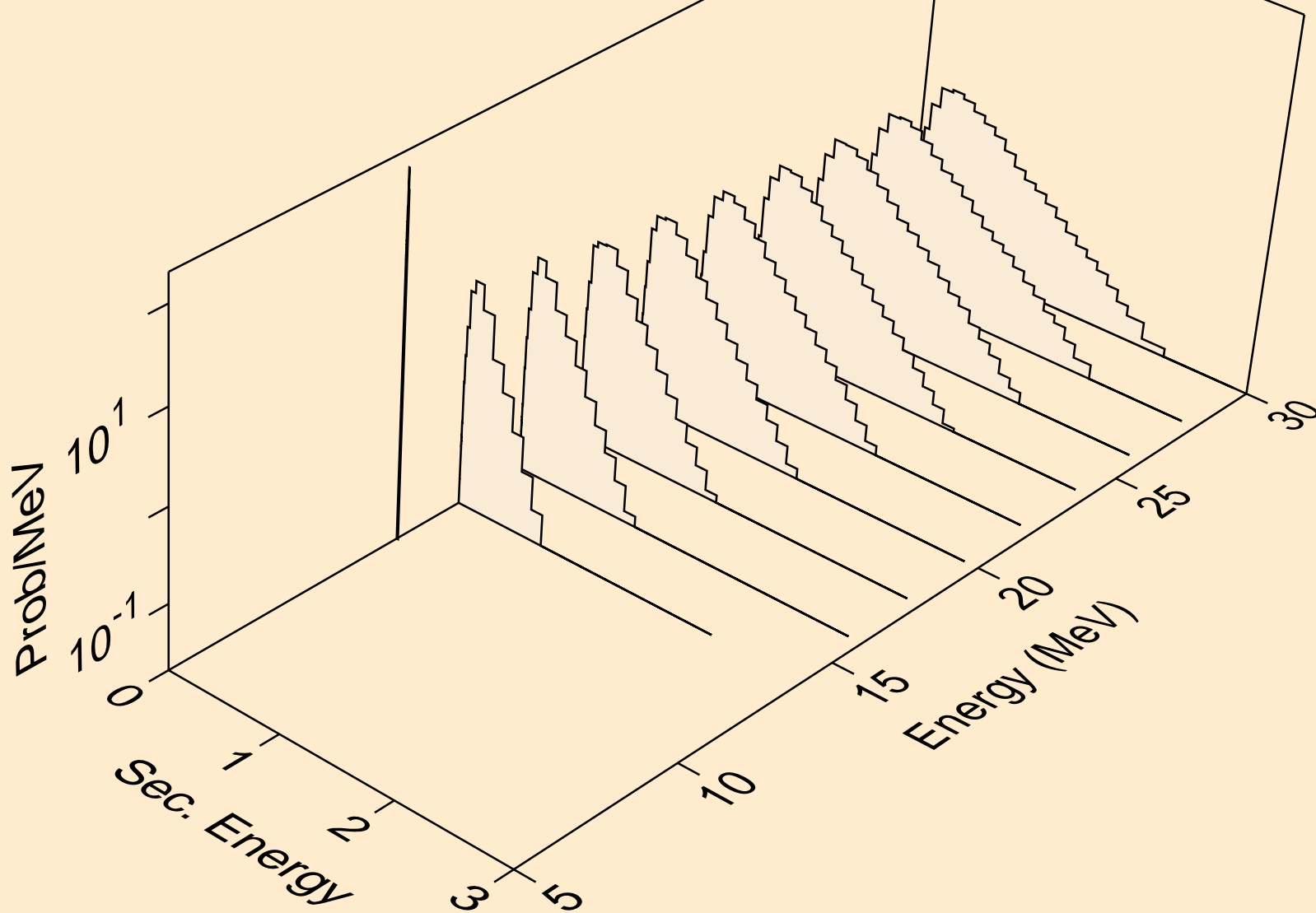
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Neutron emission for (n,n\*)p



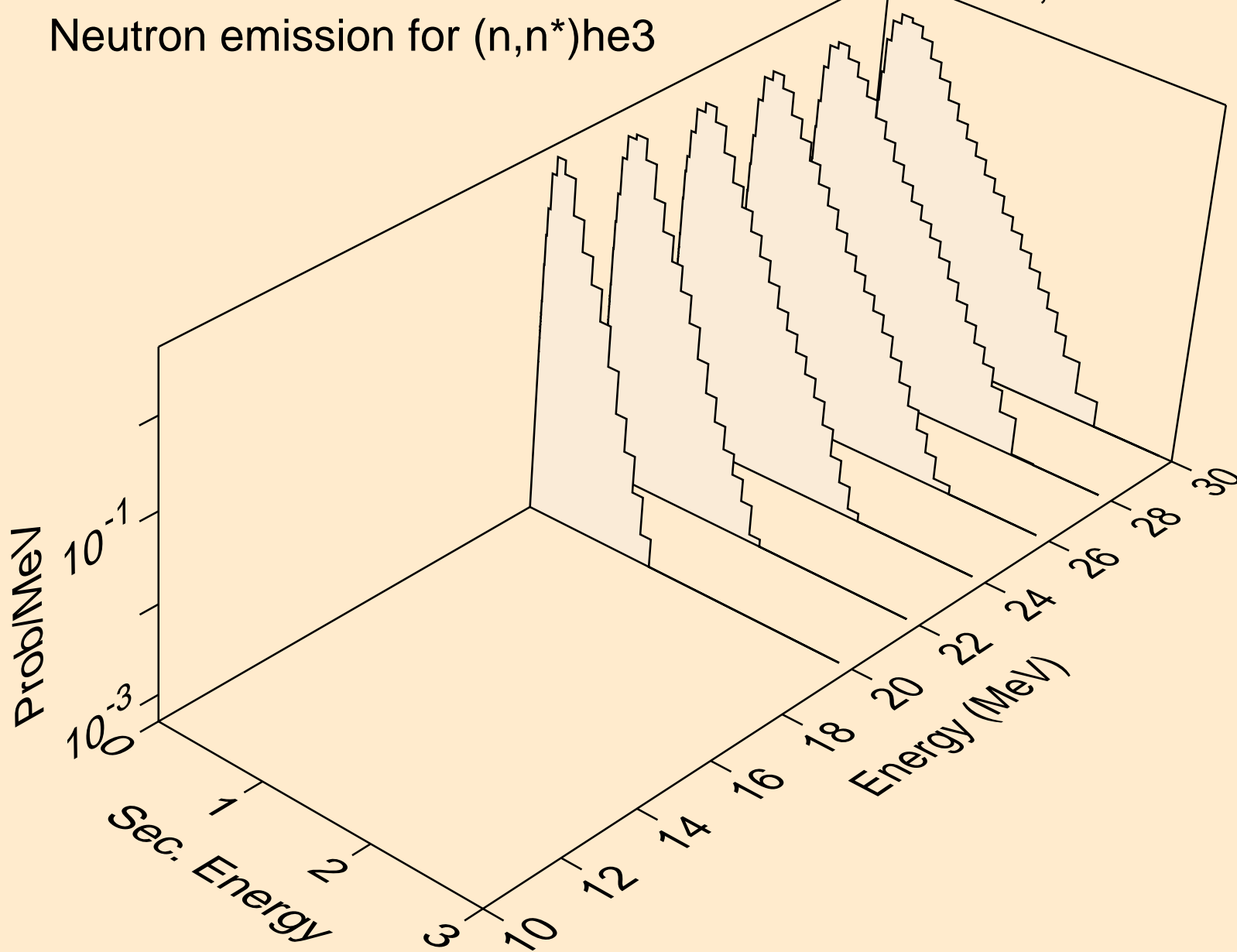
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



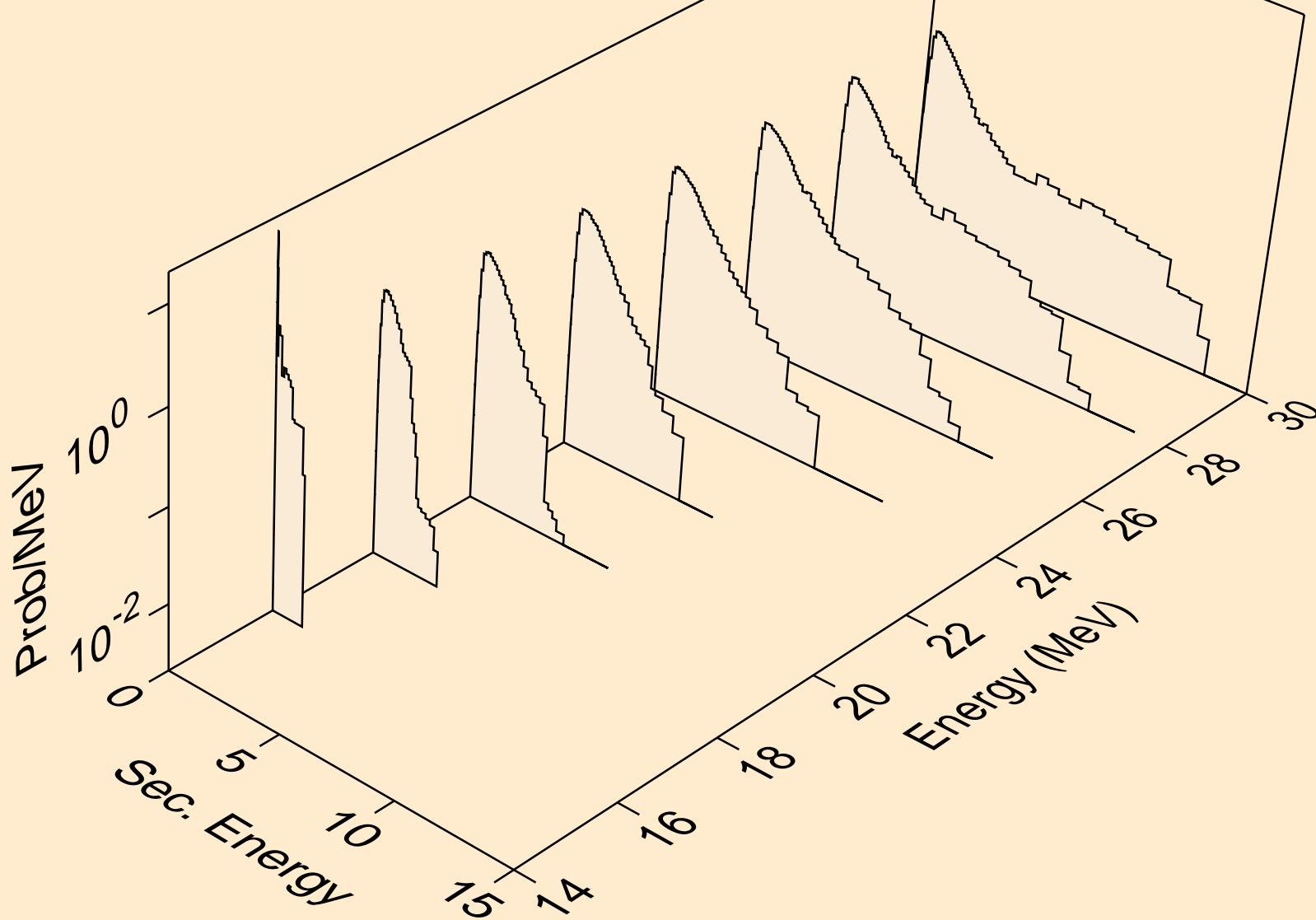
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Neutron emission for (n,n\*)t



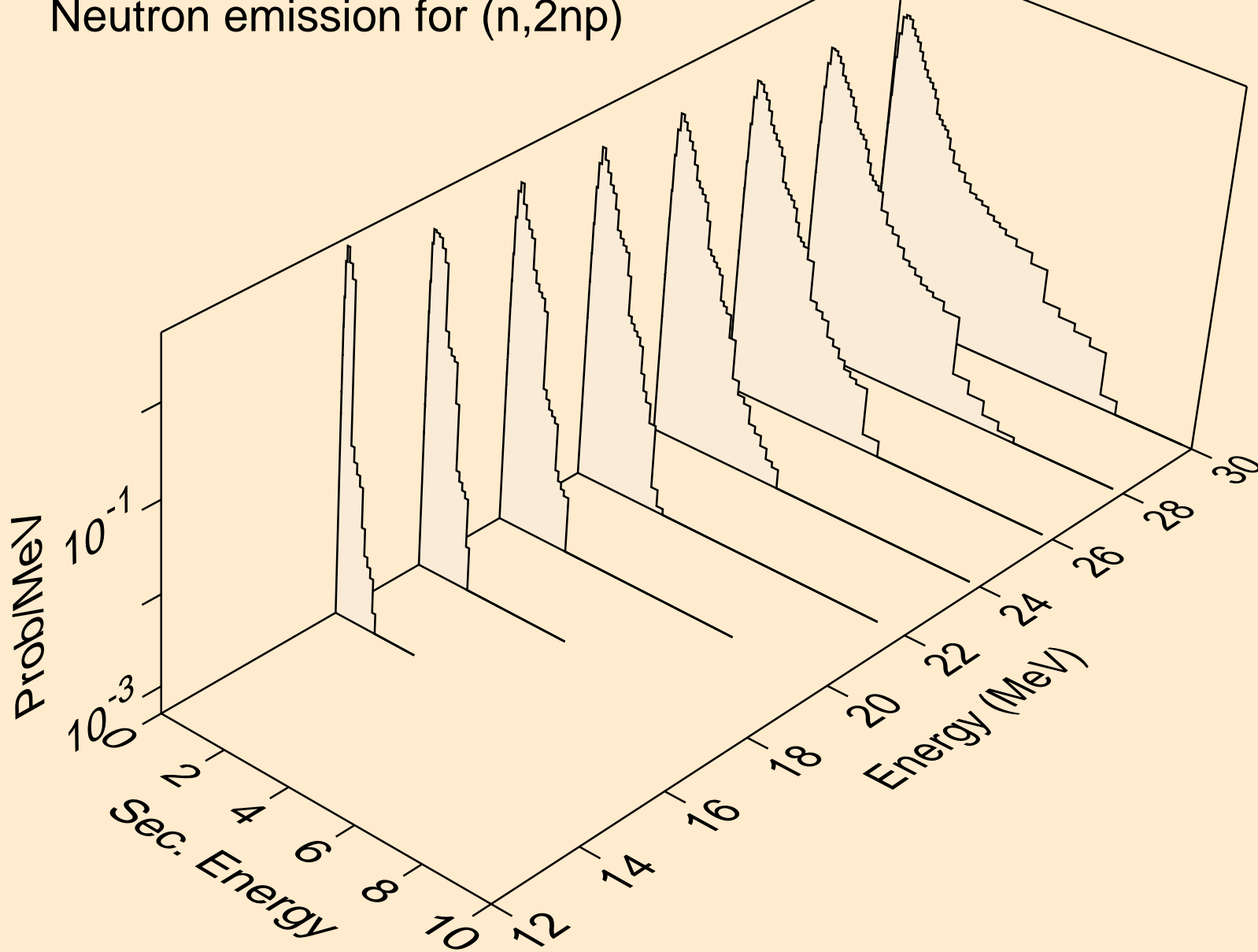
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



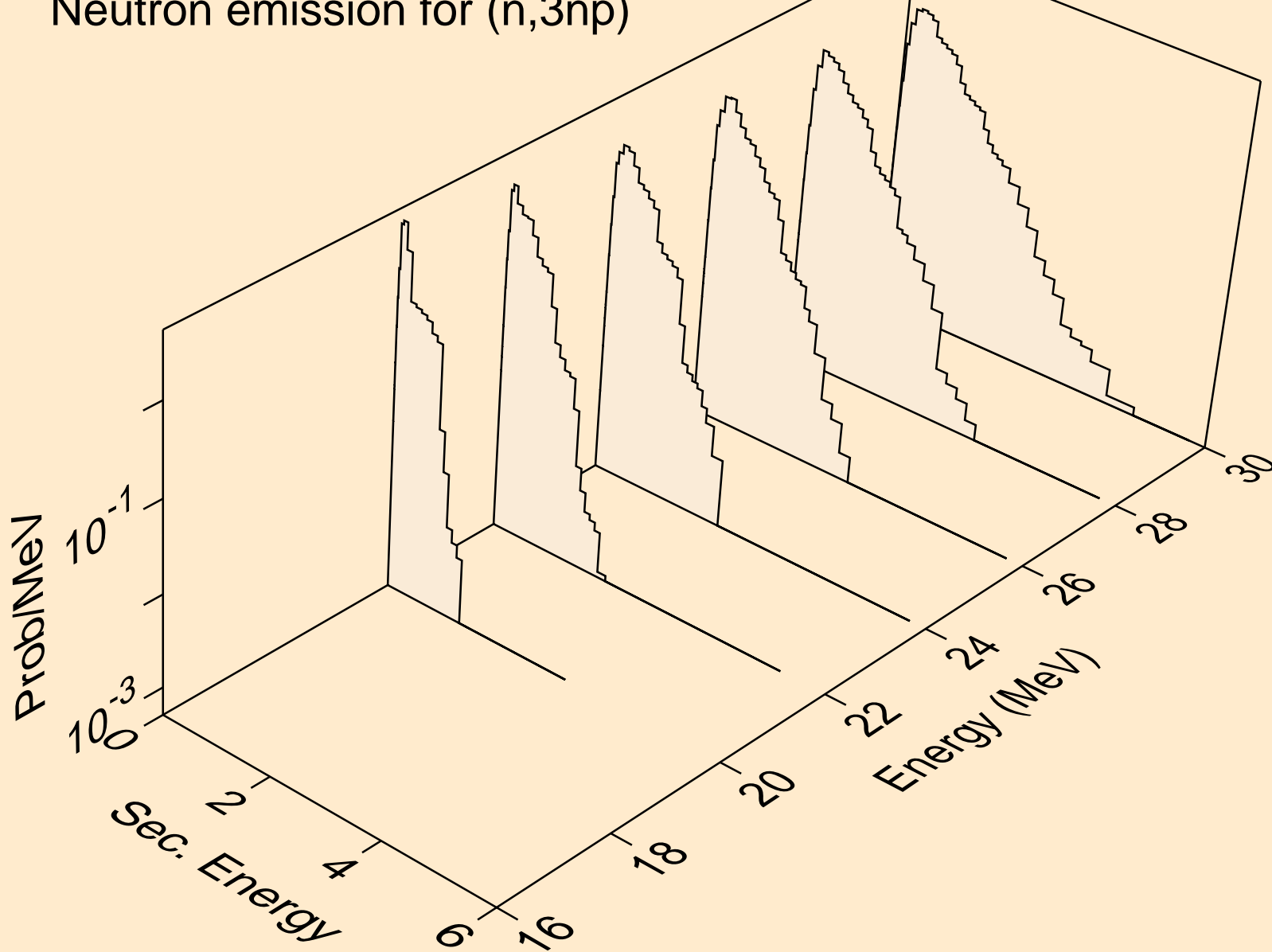
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Neutron emission for (n,4n)



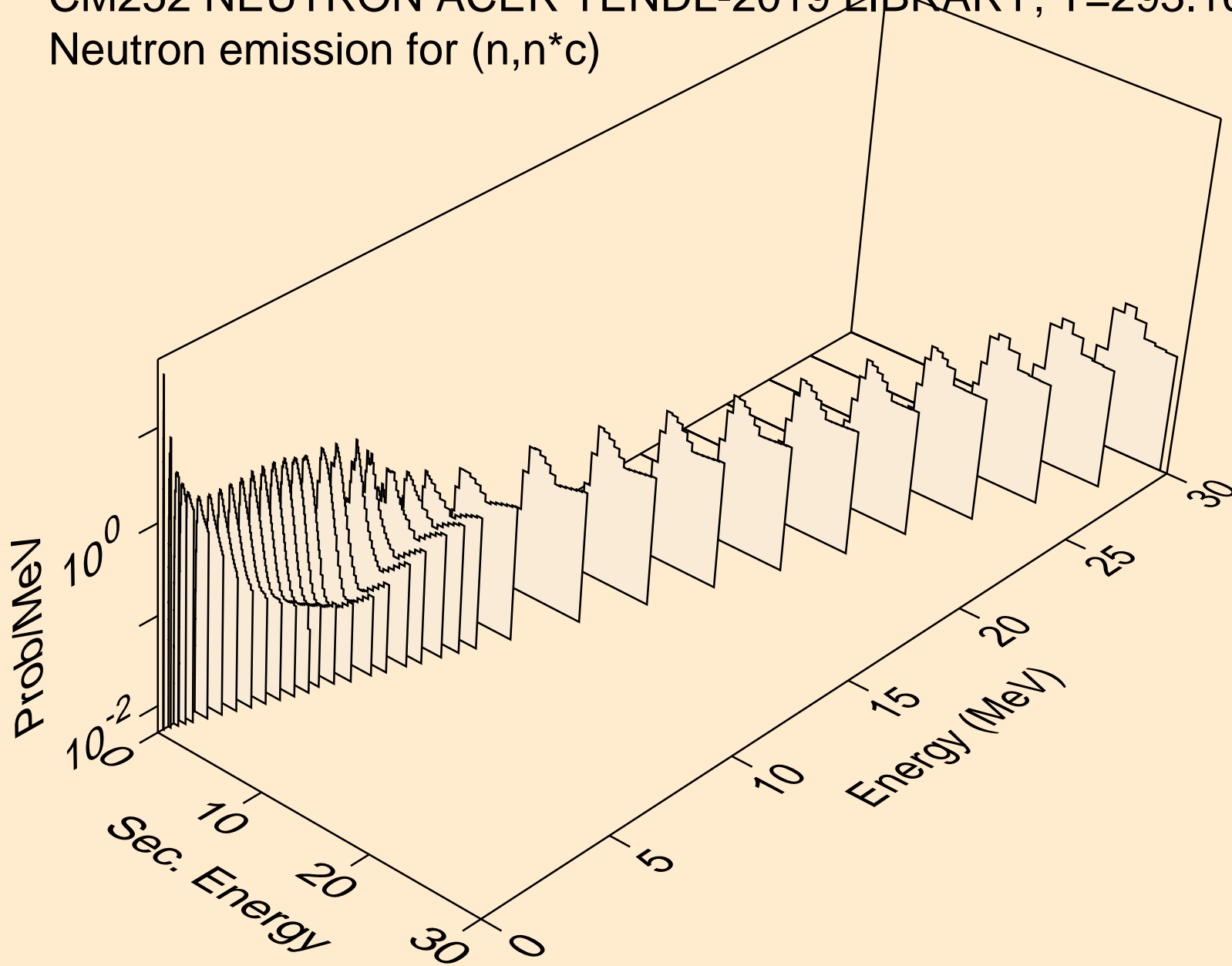
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

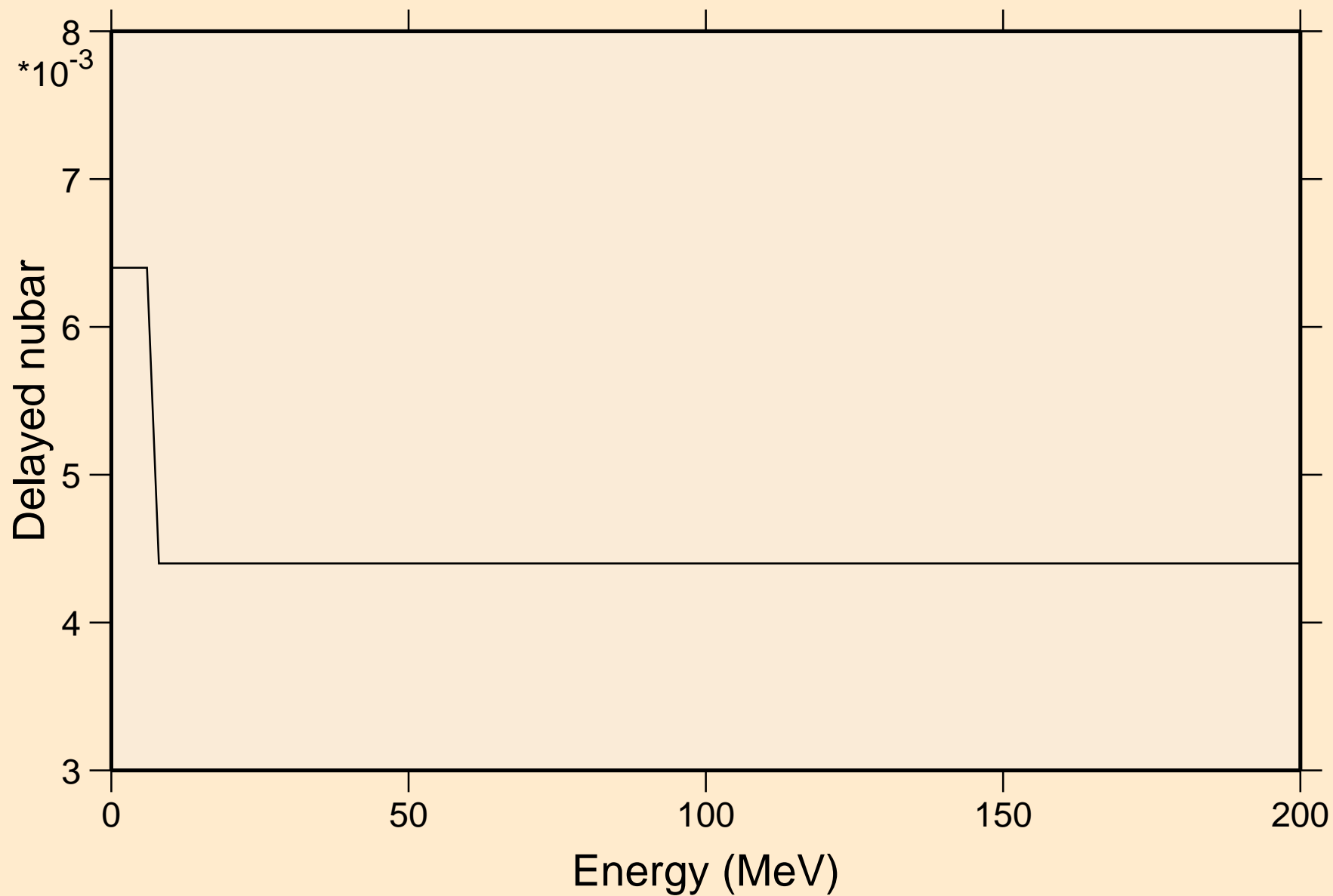


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Neutron emission for (n,n\*c)



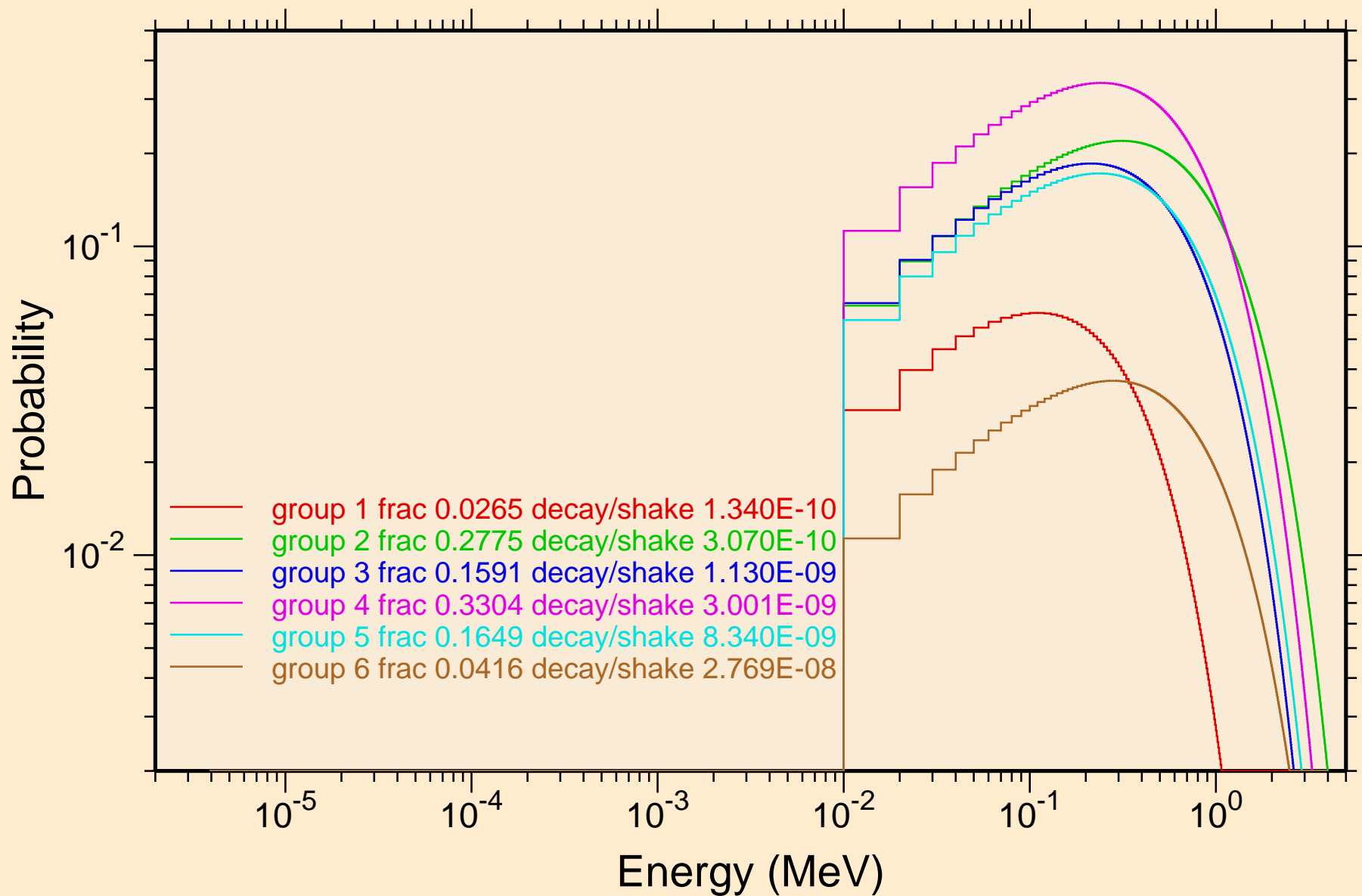
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Delayed nubar

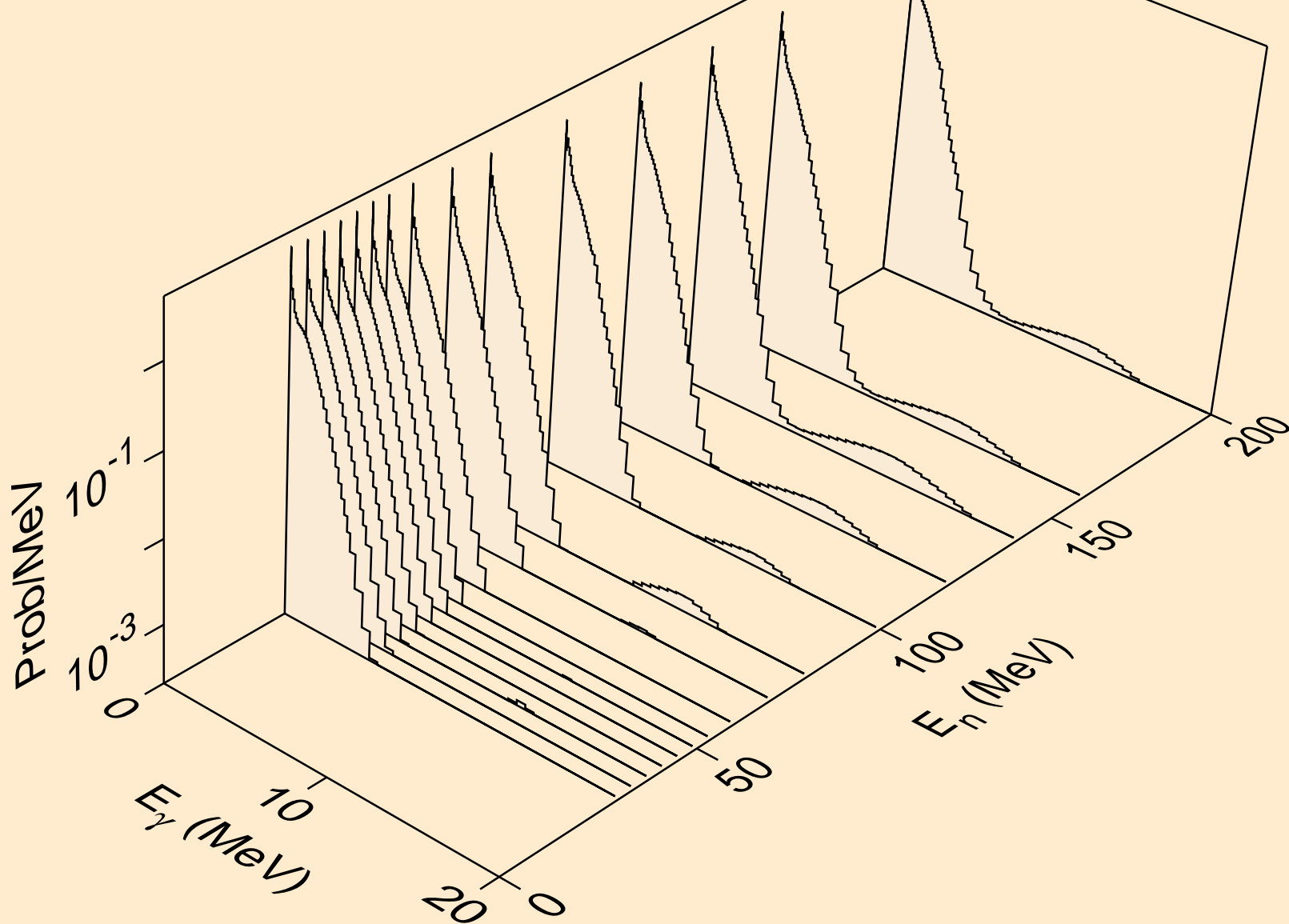


# CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

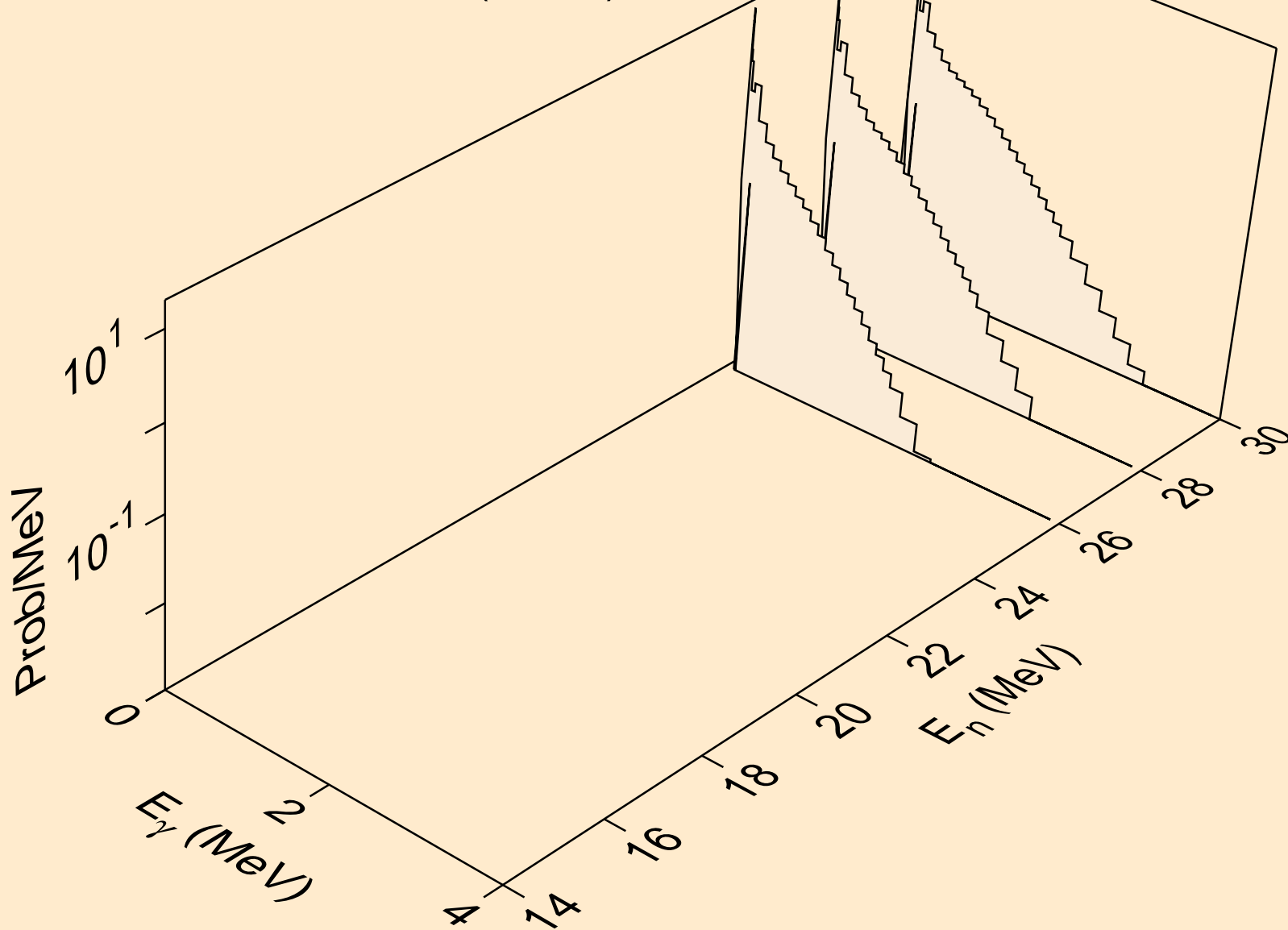
## Delayed neutron spectra



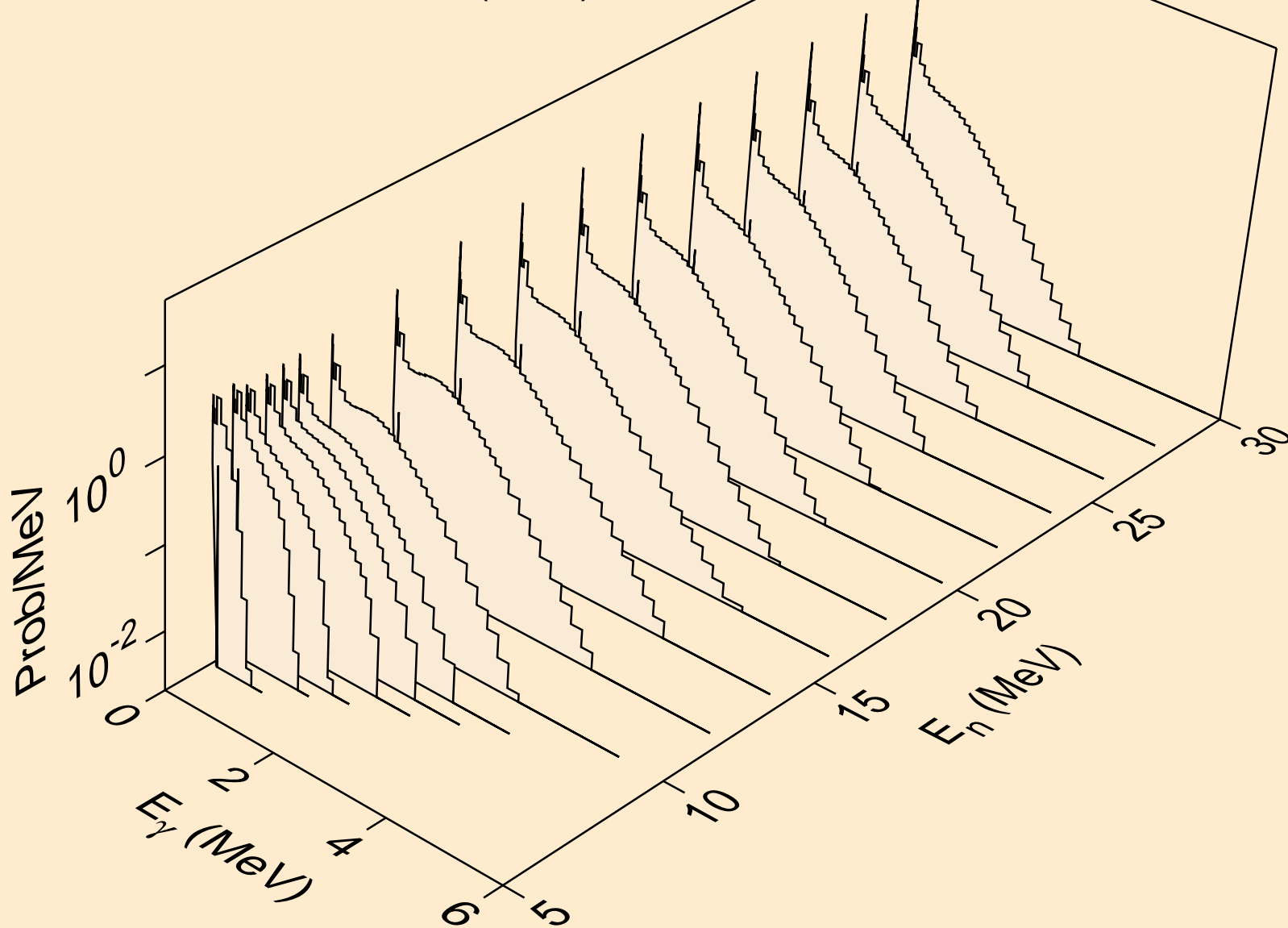
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Photon emission for (n,x)



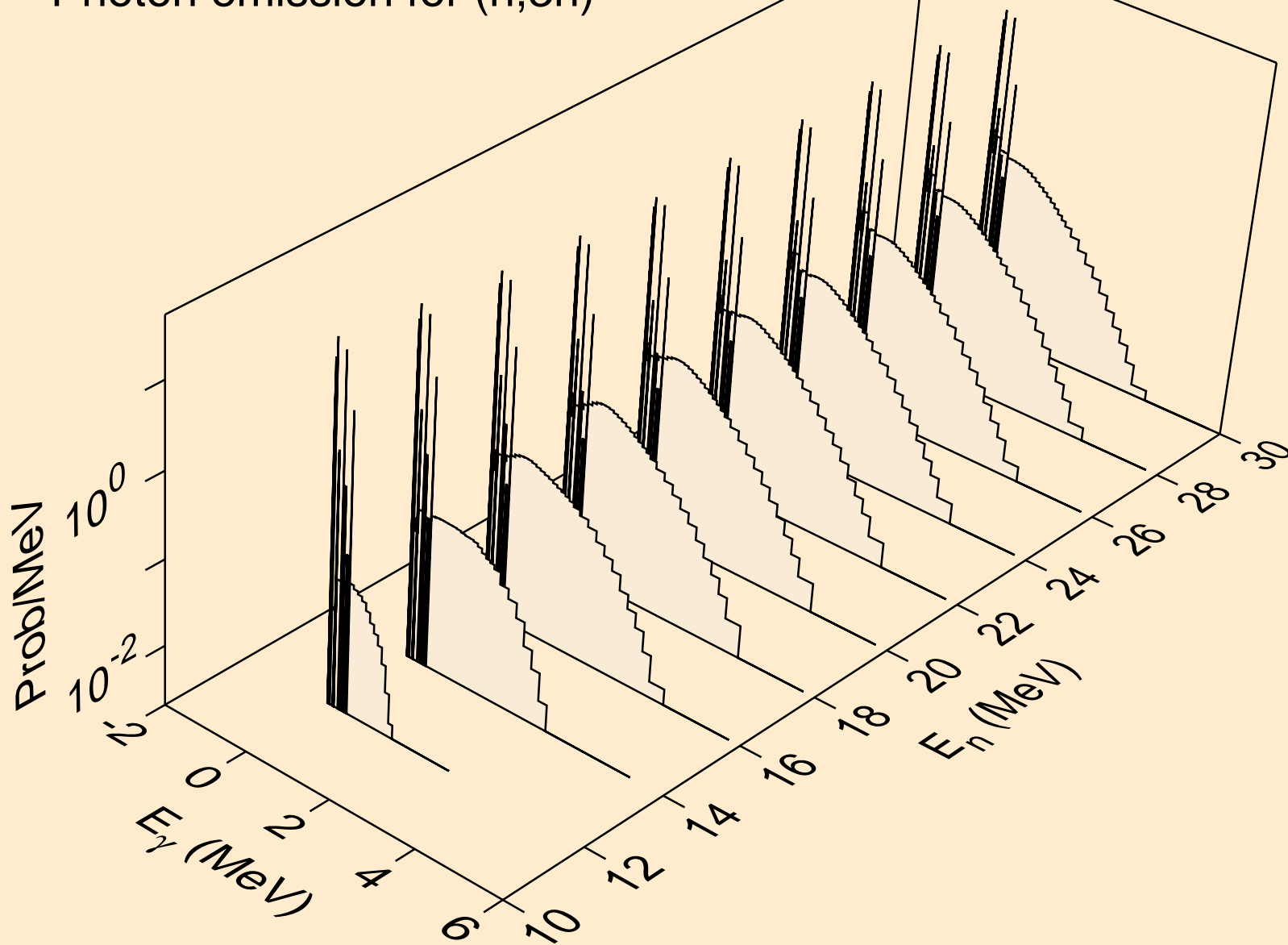
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



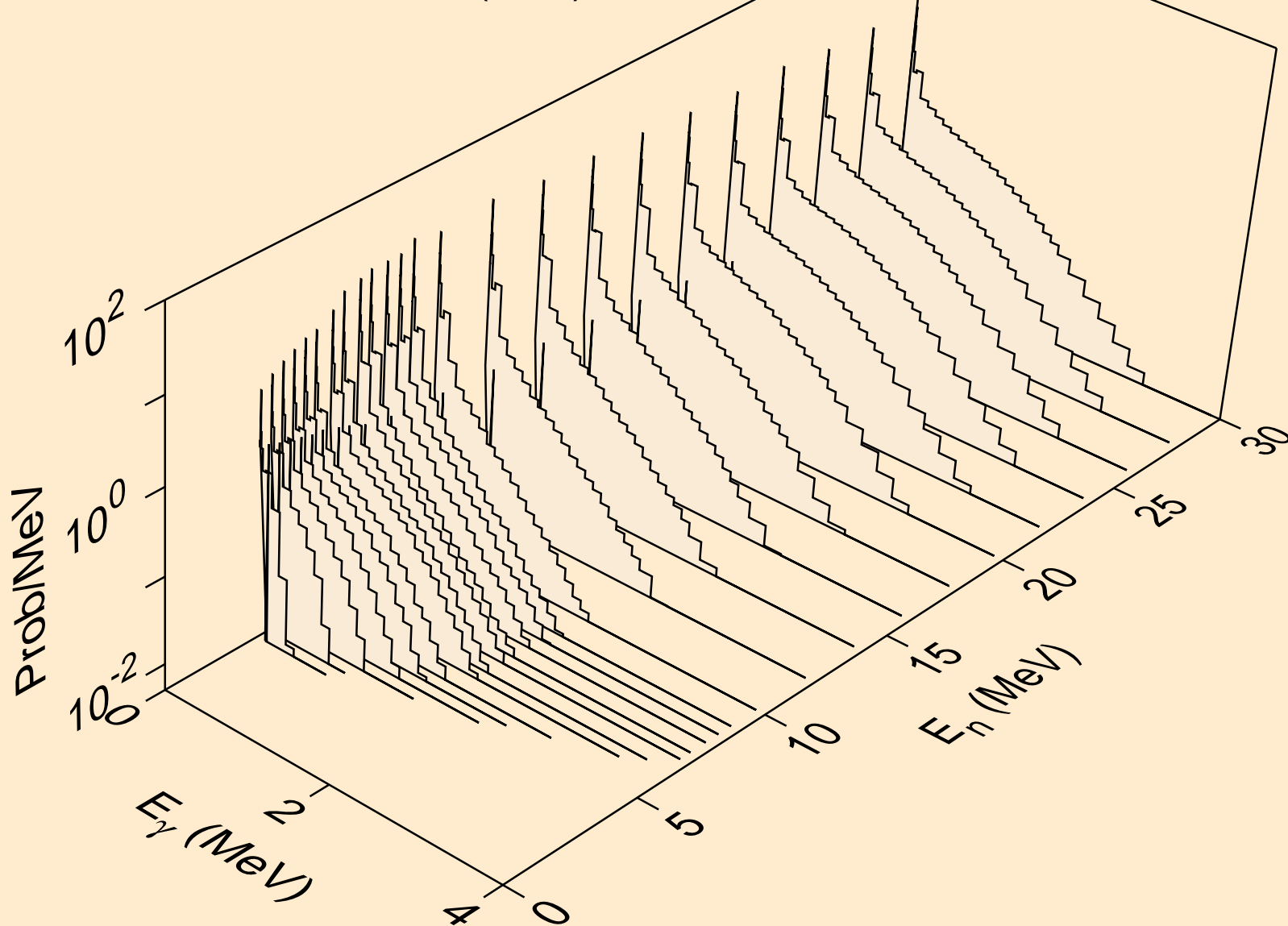
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



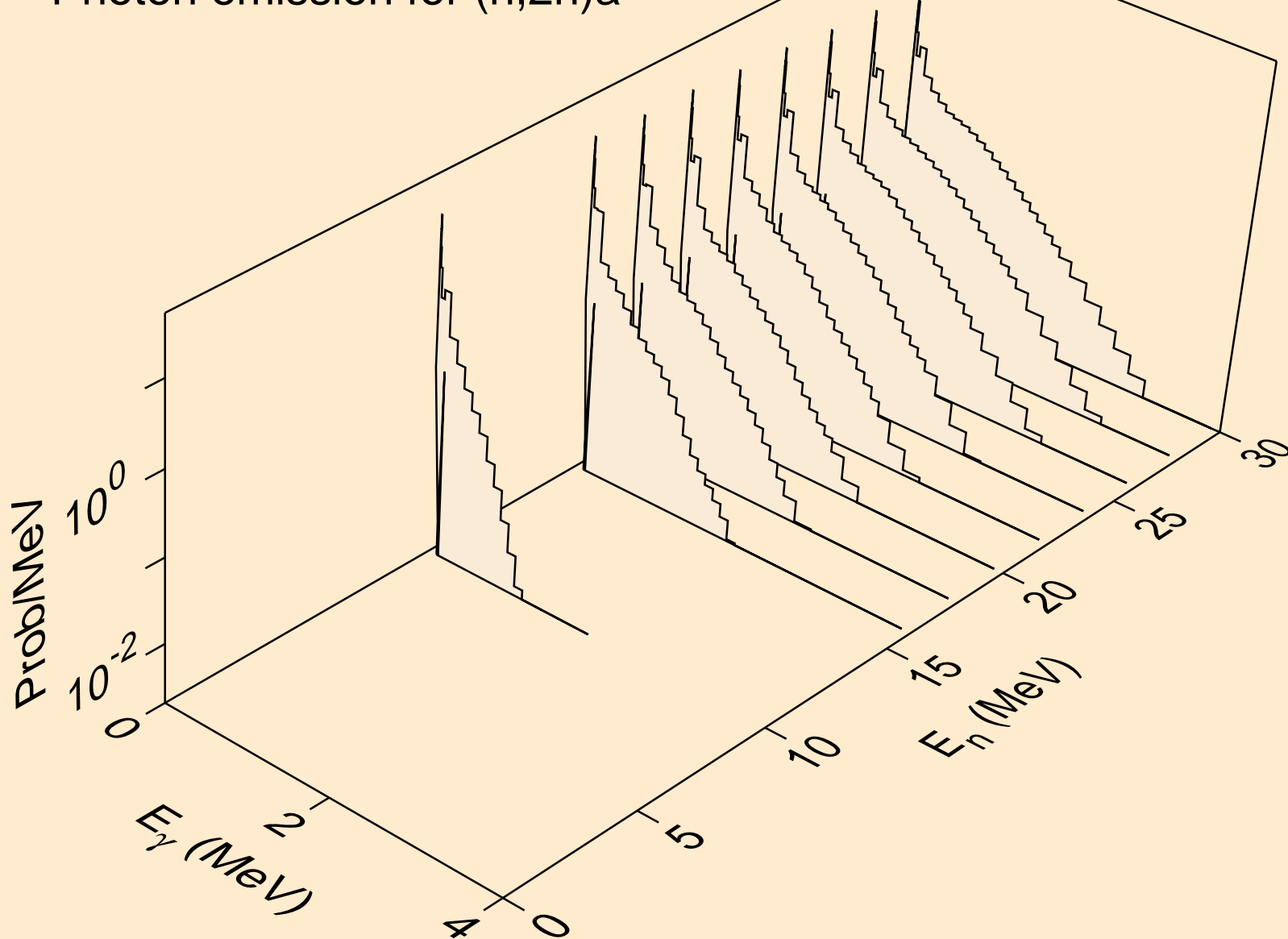
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



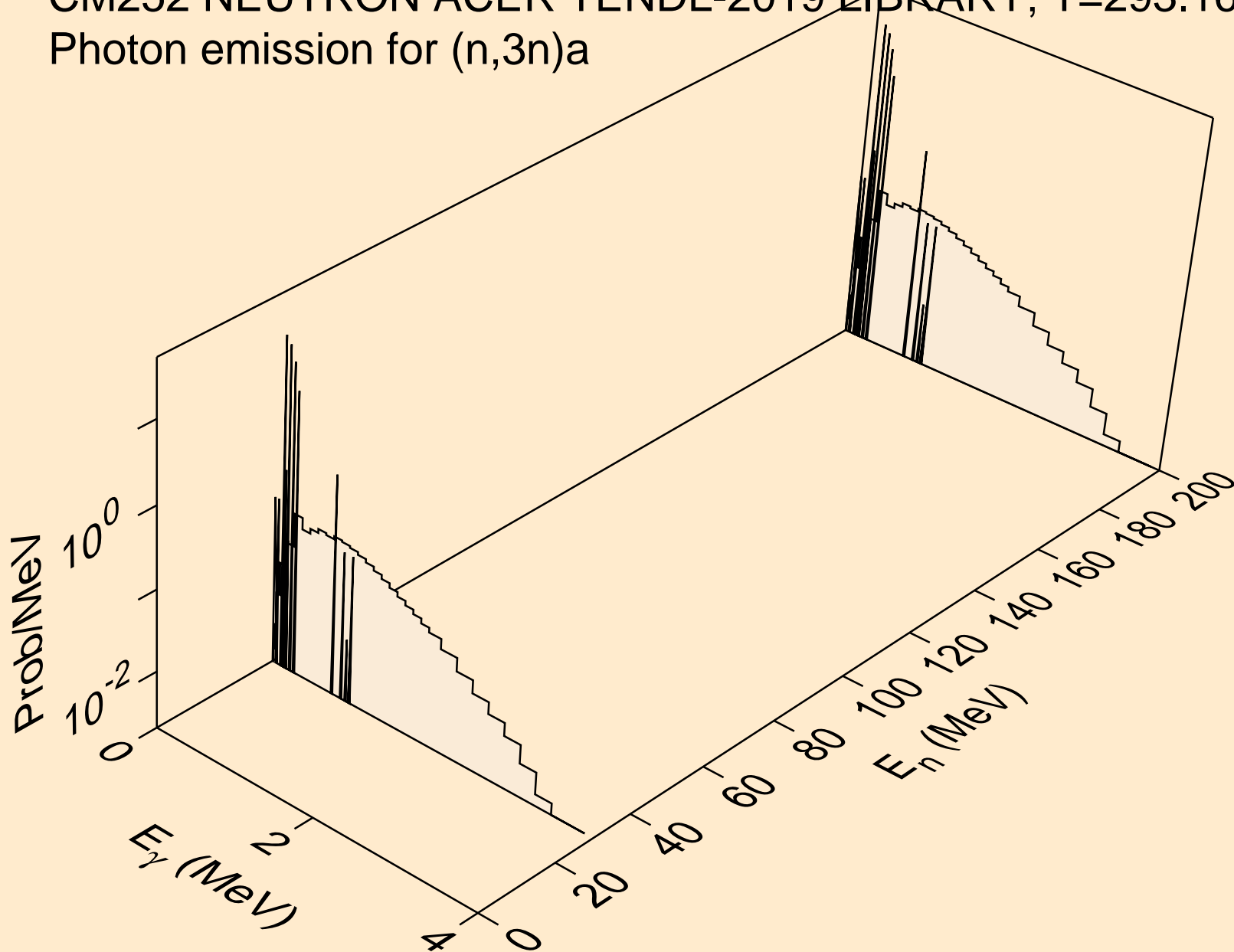
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



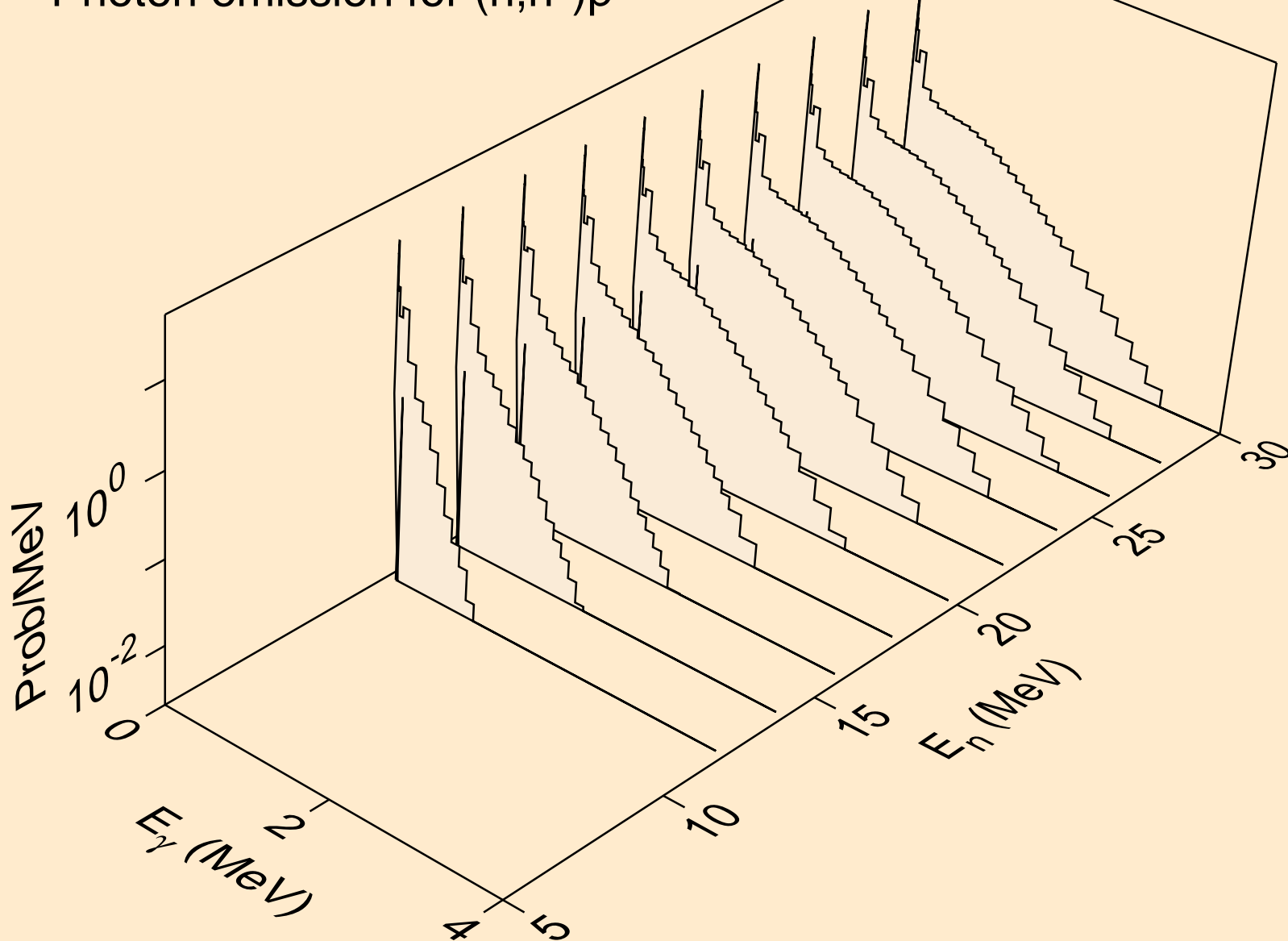
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Photon emission for (n,2n)a



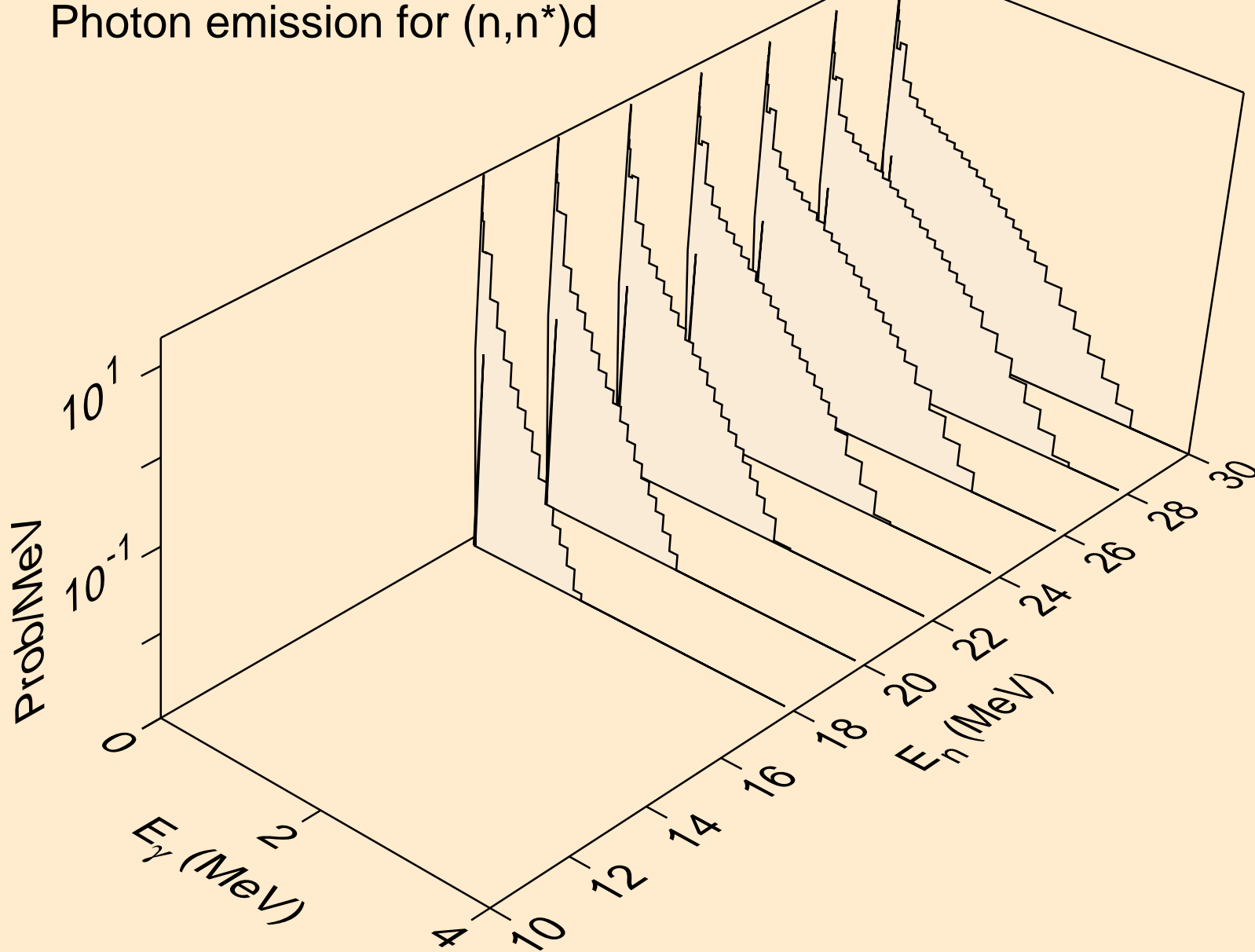
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Photon emission for (n,3n)a



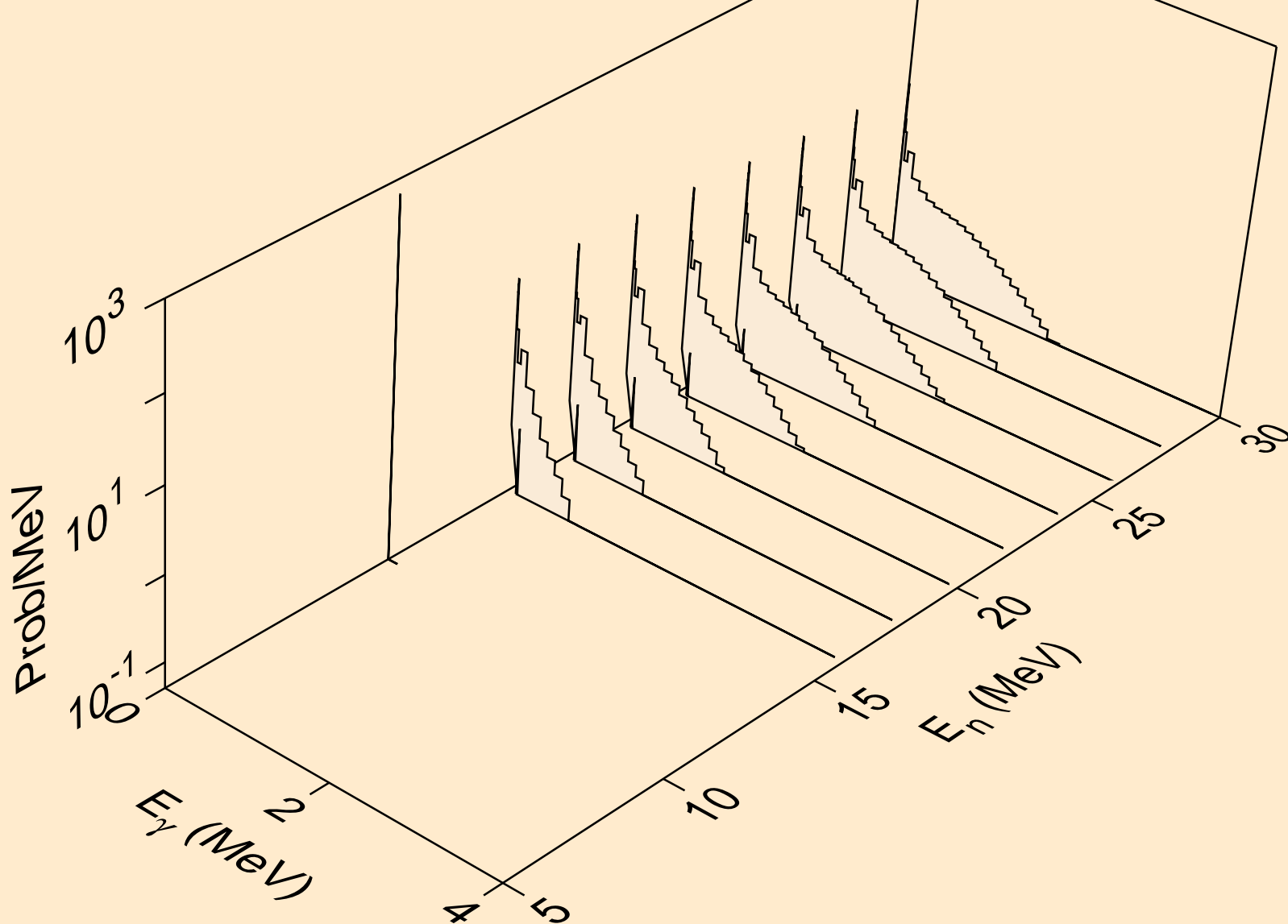
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Photon emission for (n,n\*)p



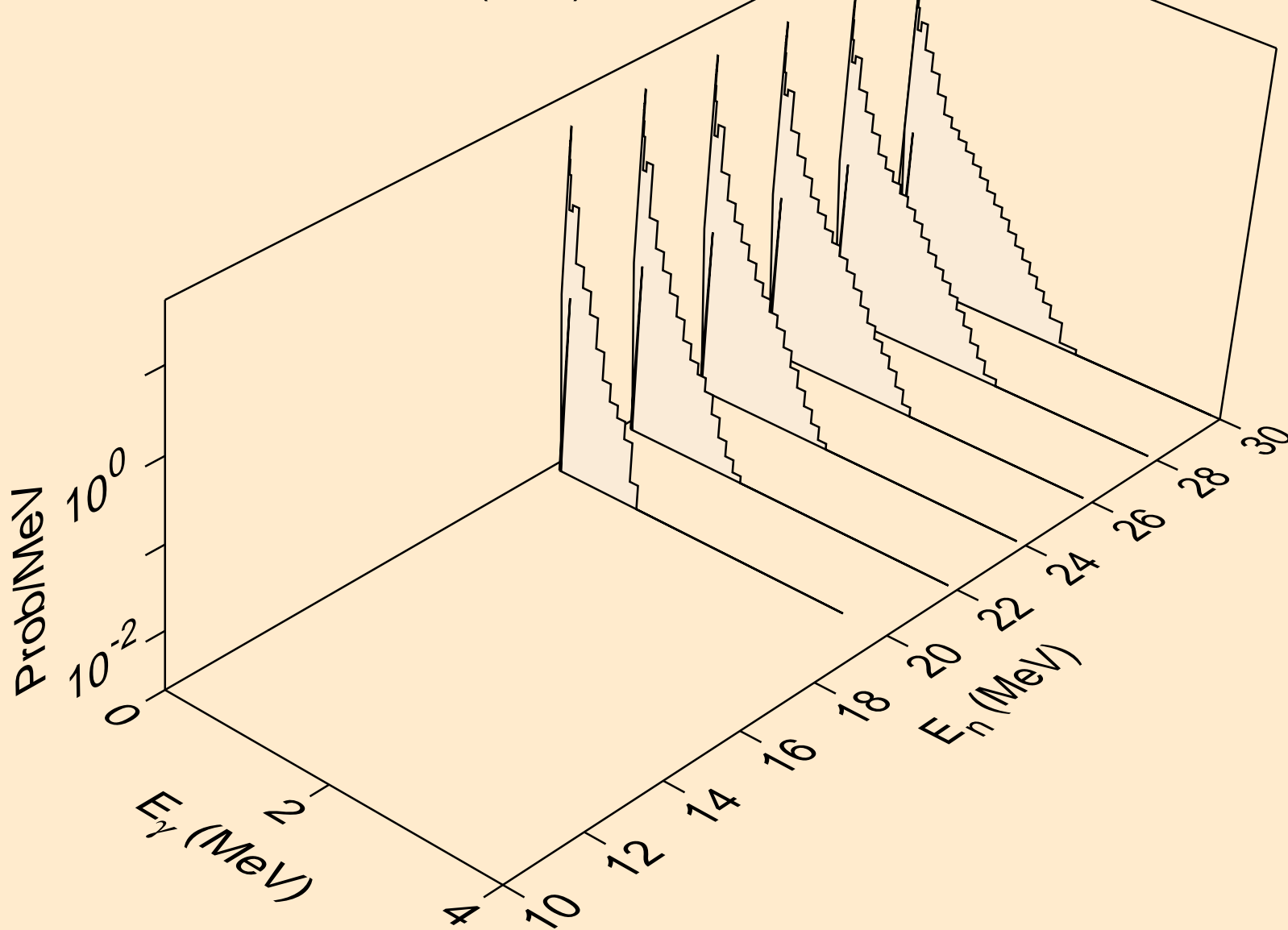
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Photon emission for (n,n\*)d



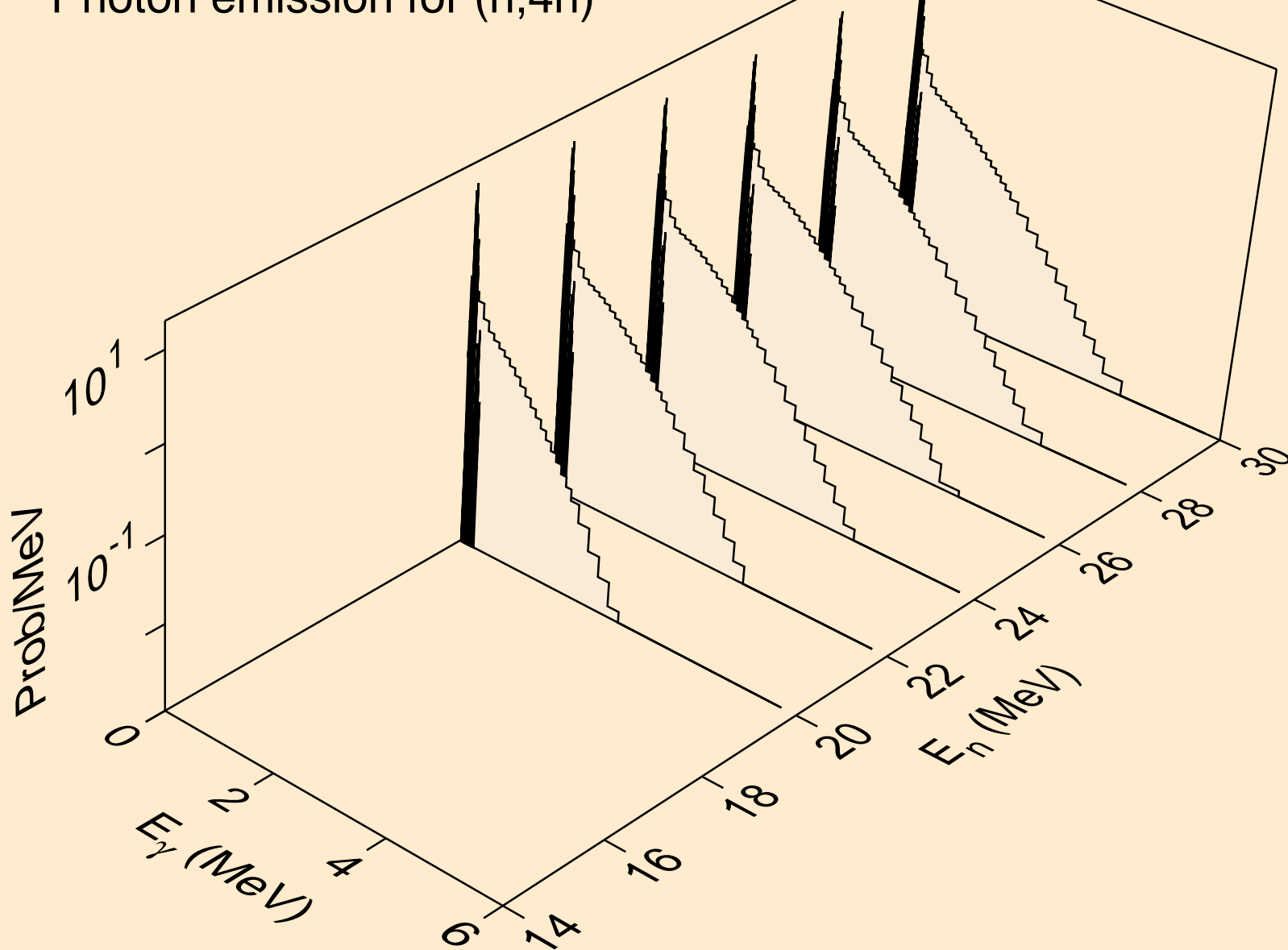
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Photon emission for (n,n\*)t



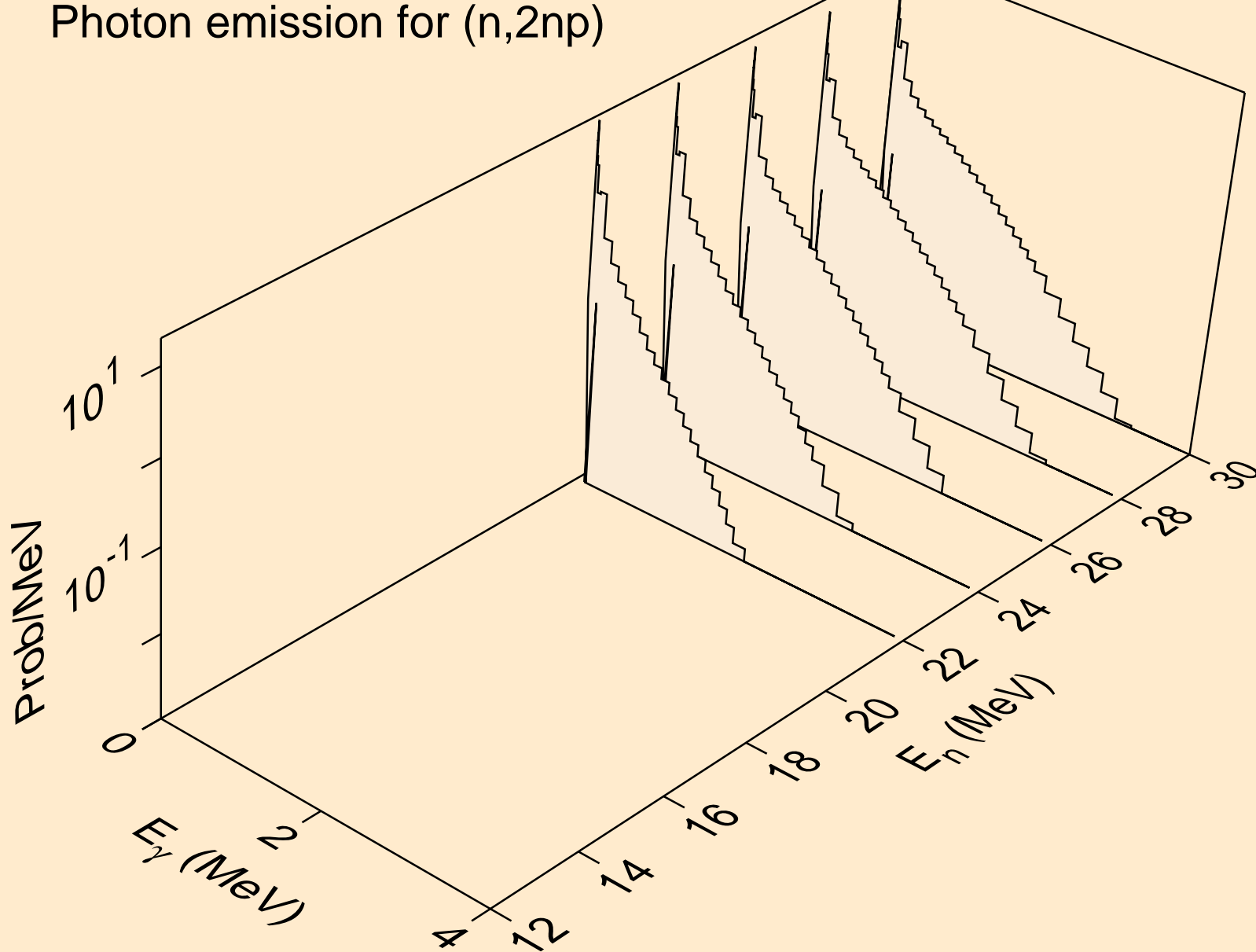
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



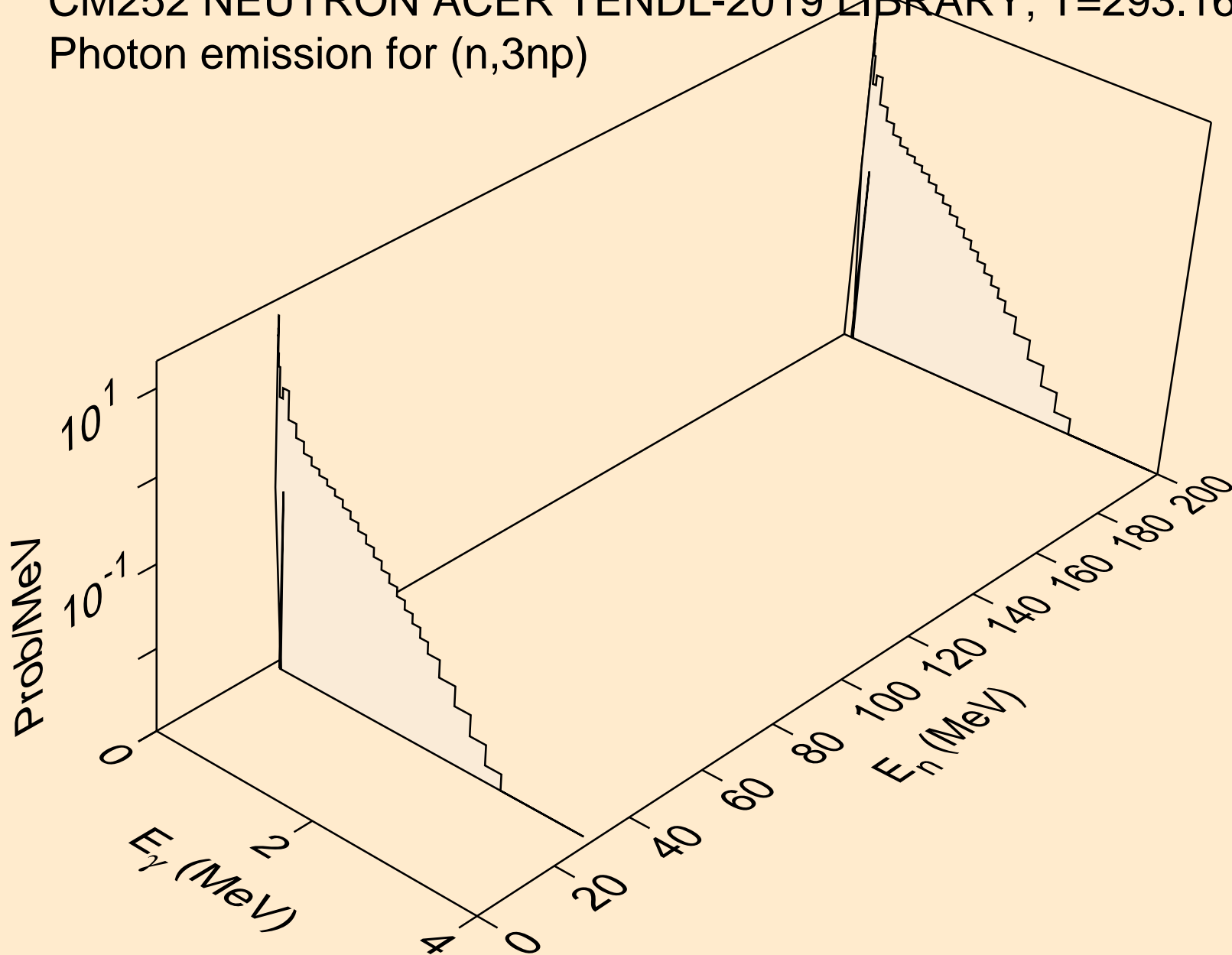
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



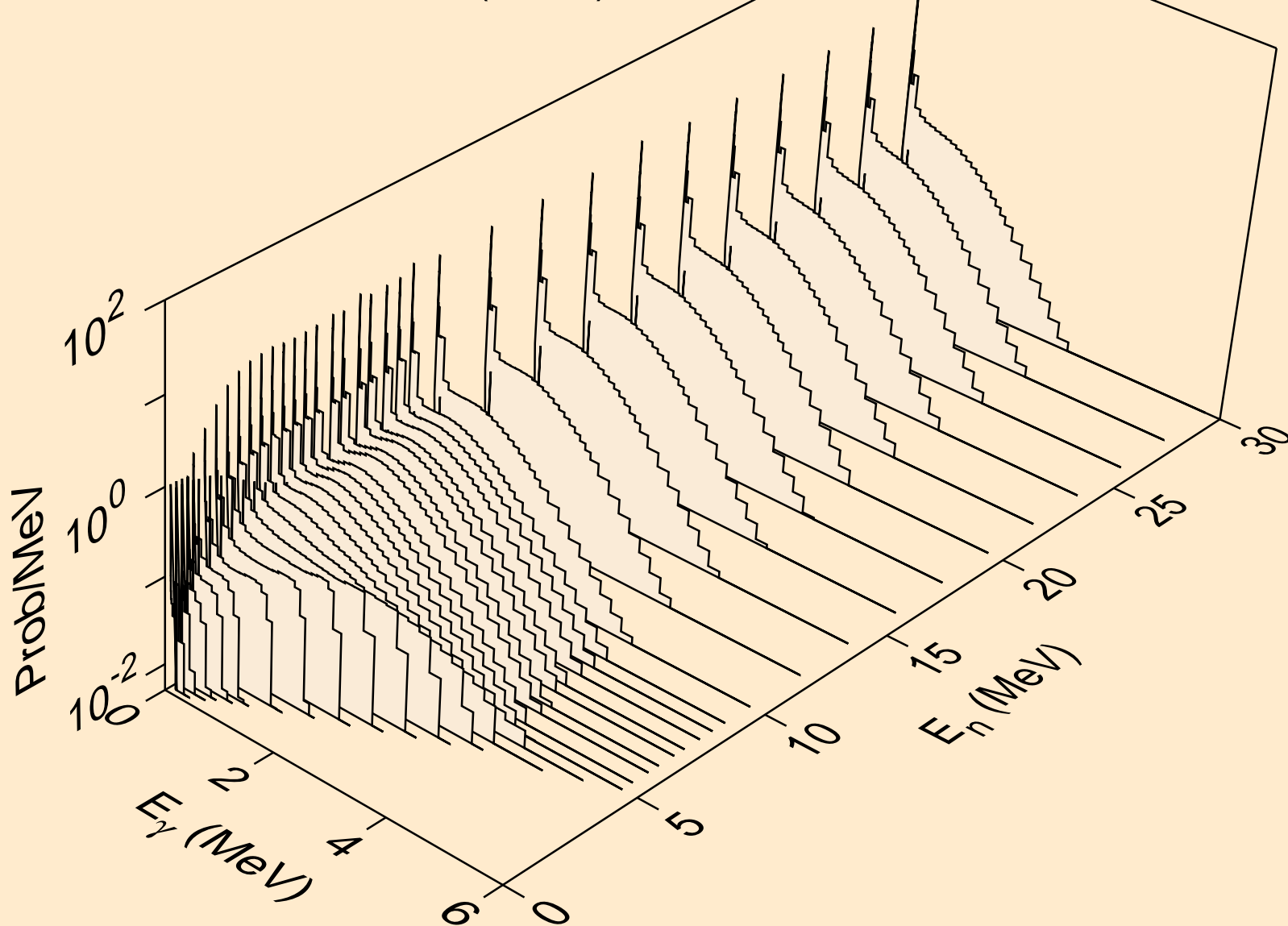
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Photon emission for (n,2np)



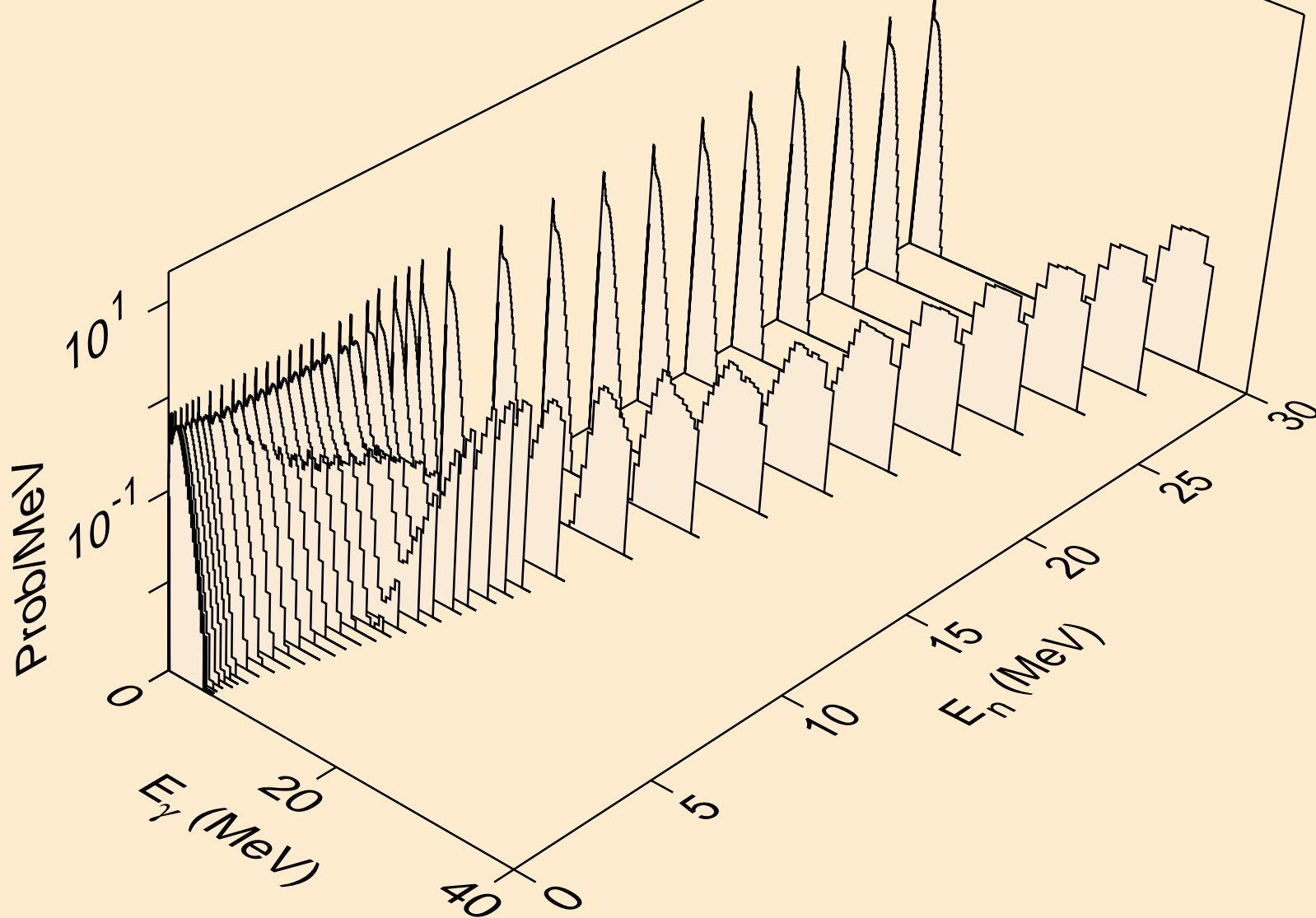
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



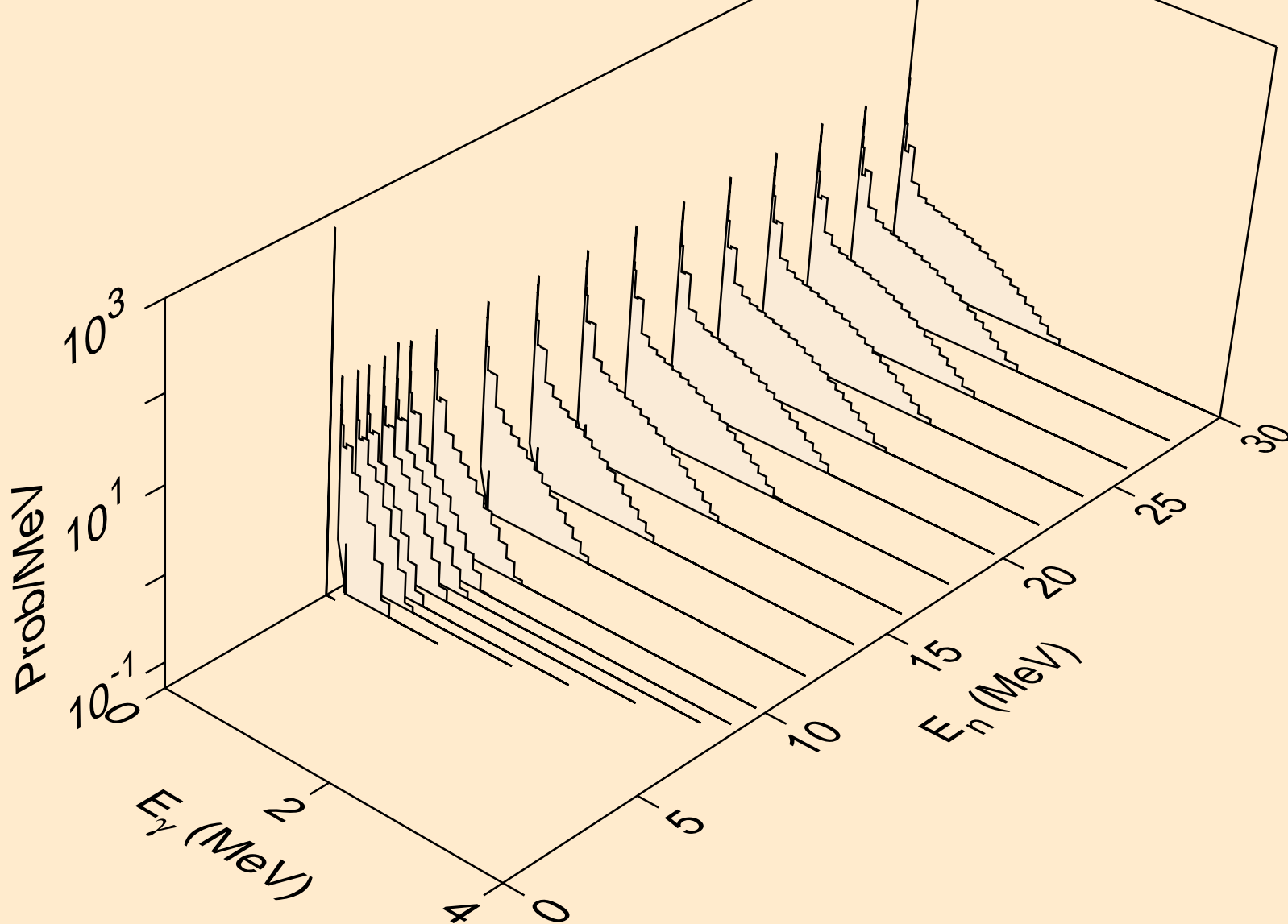
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



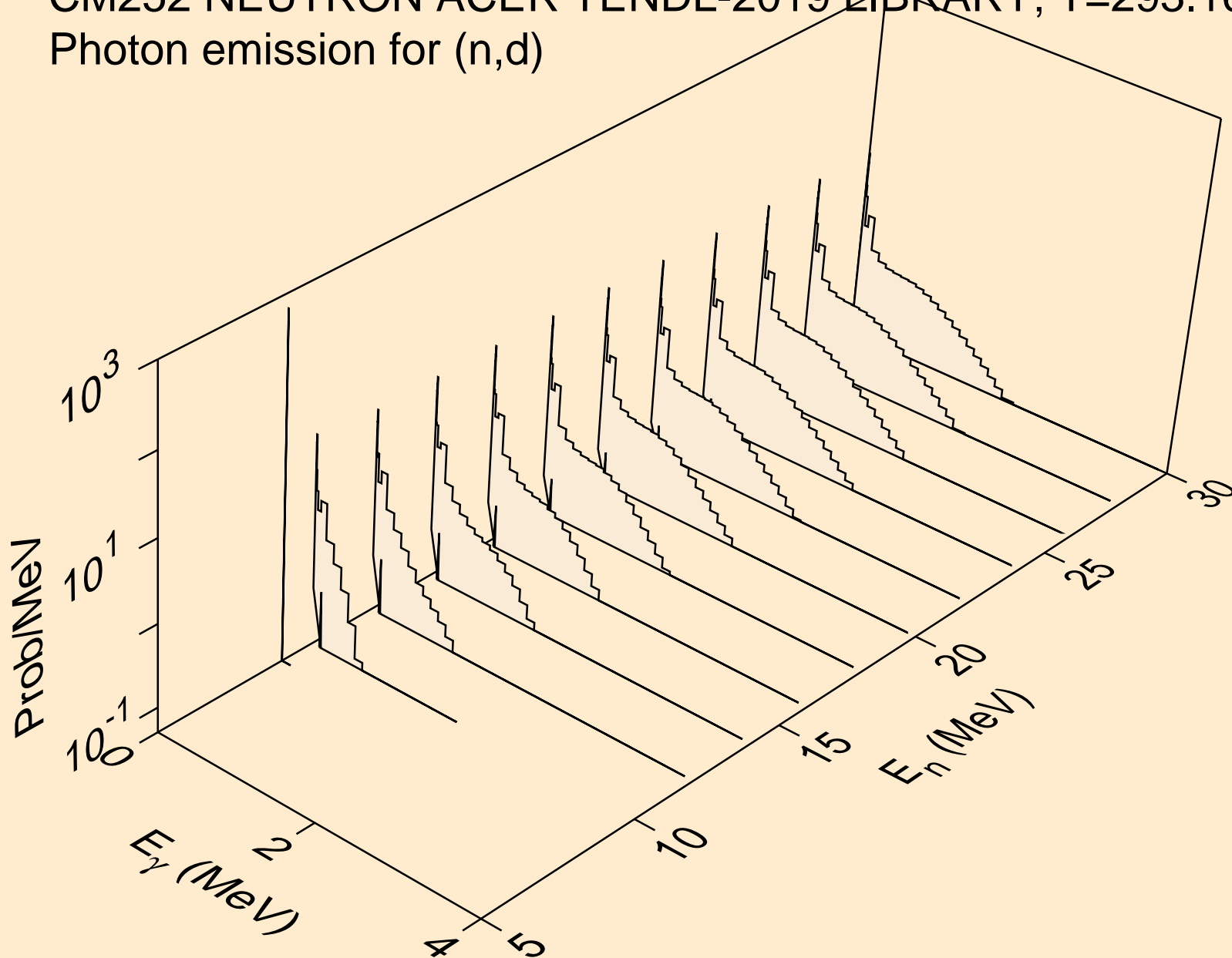
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Photon emission for (n,gma)



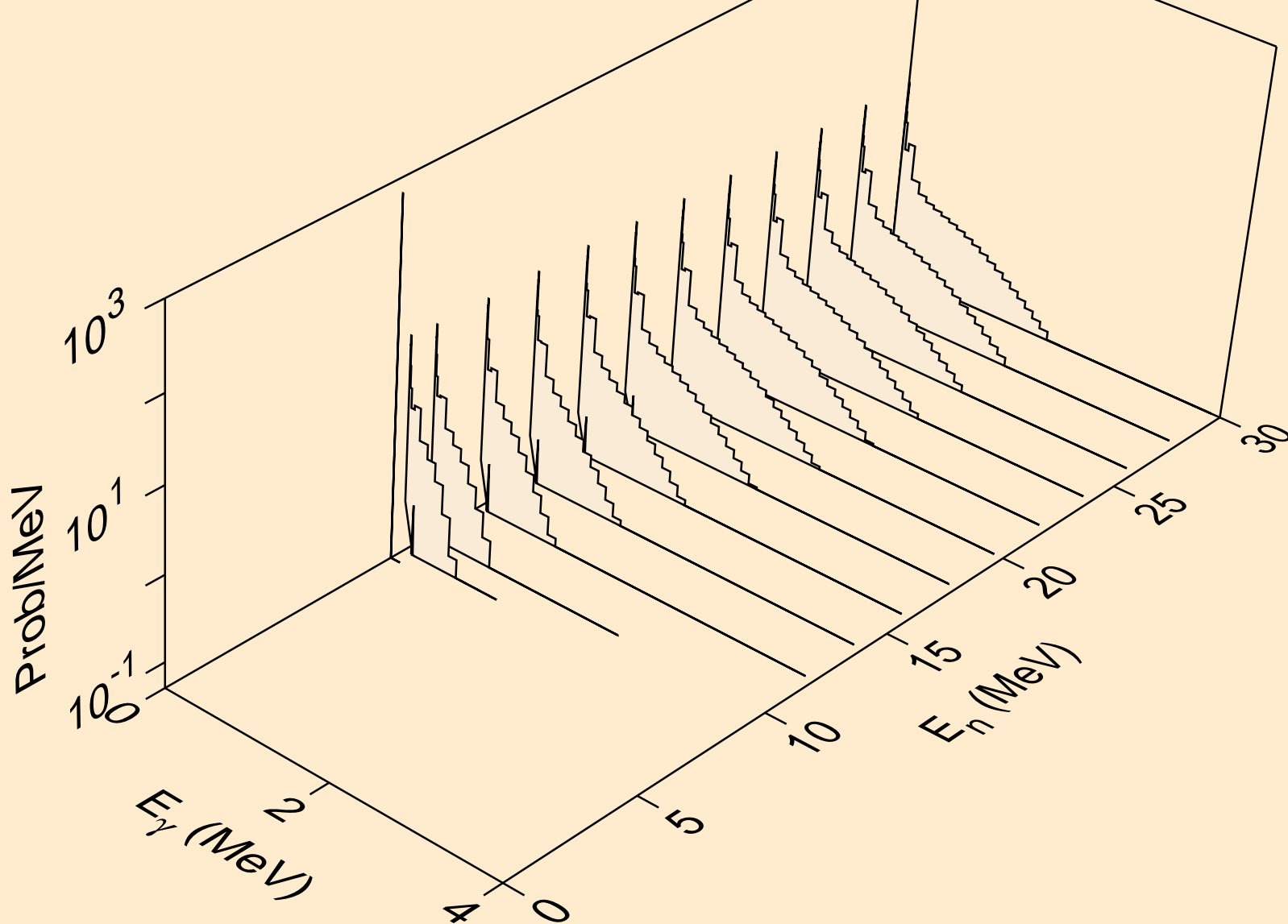
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



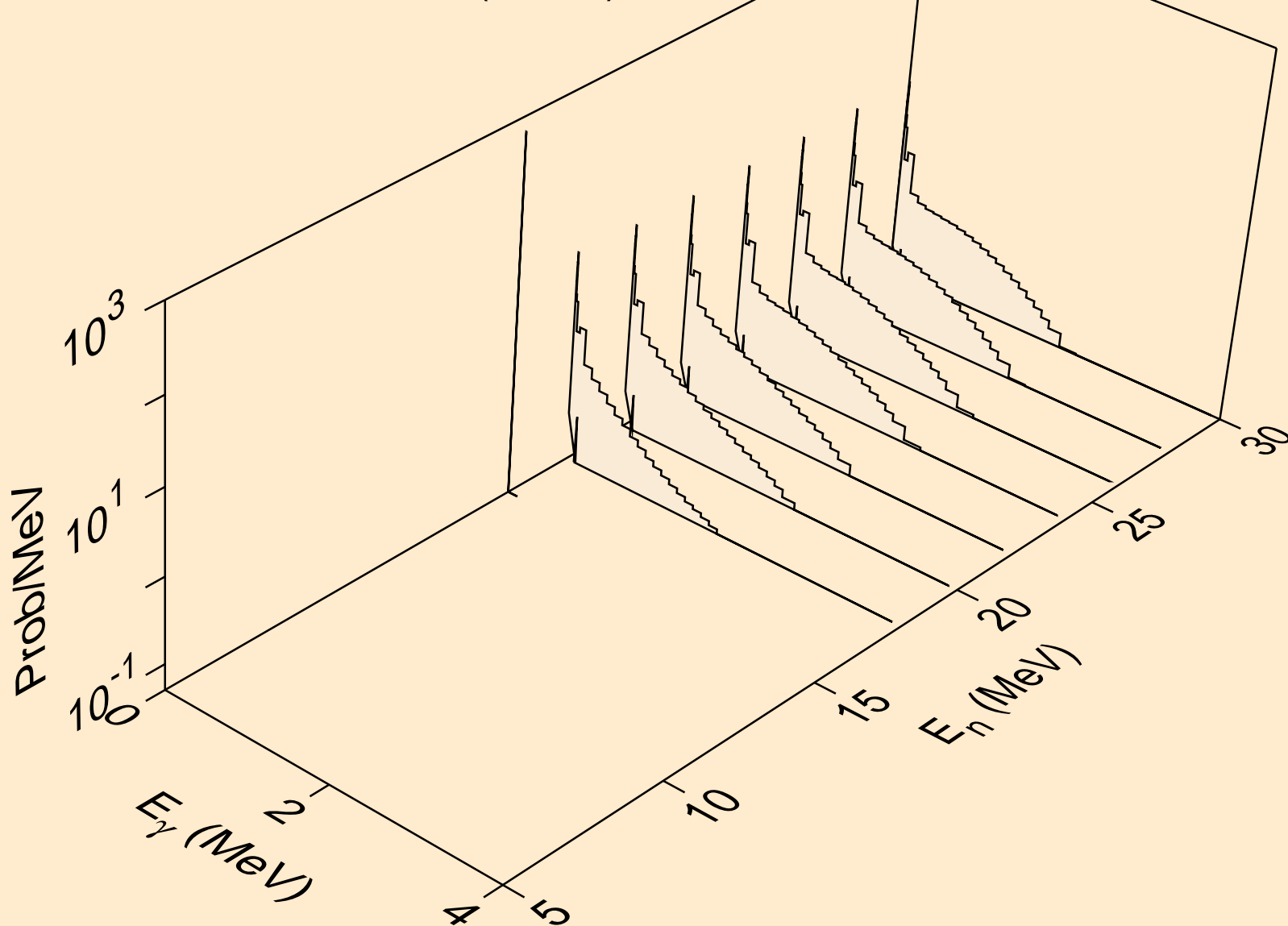
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



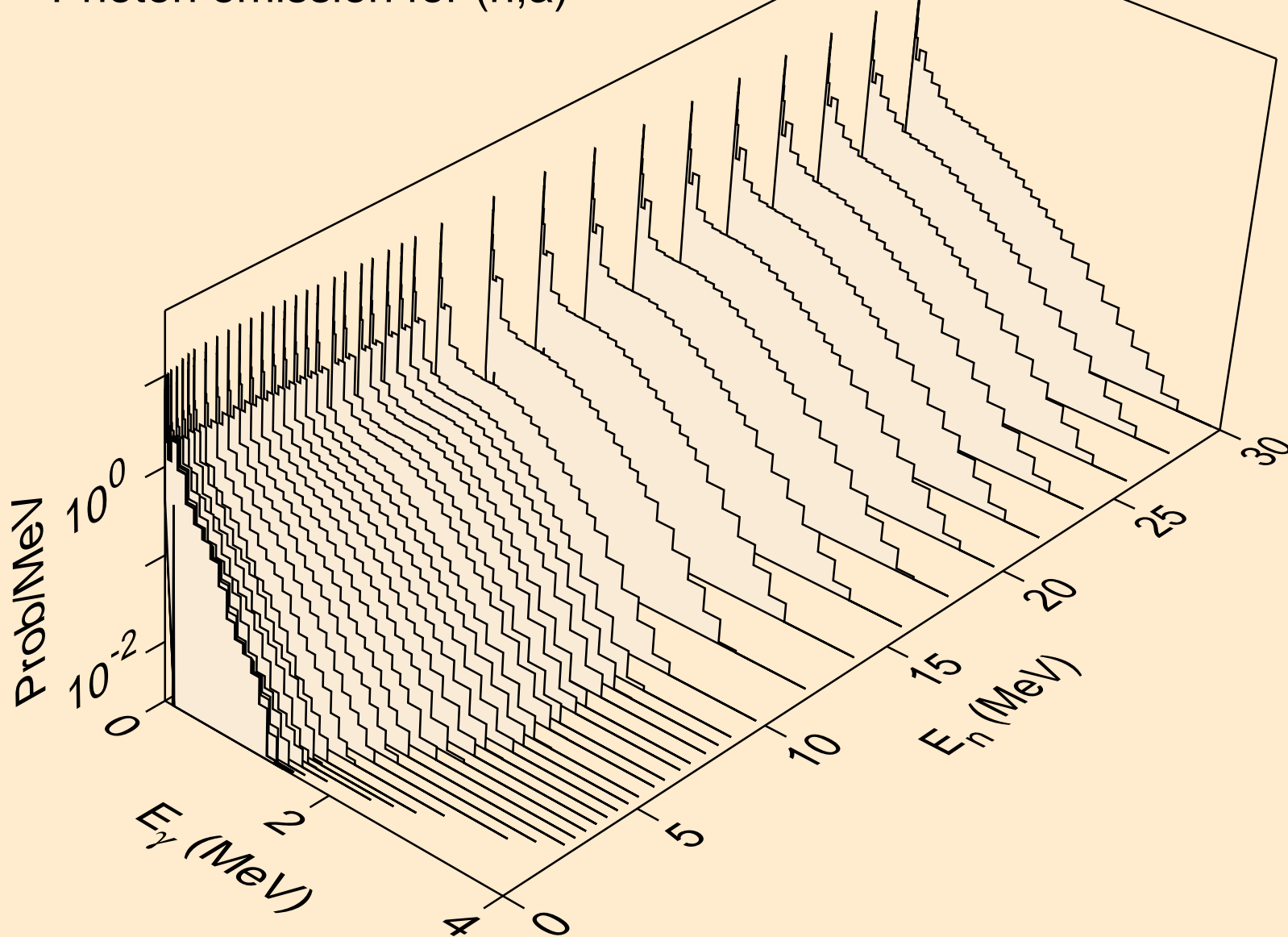
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Photon emission for (n,t)



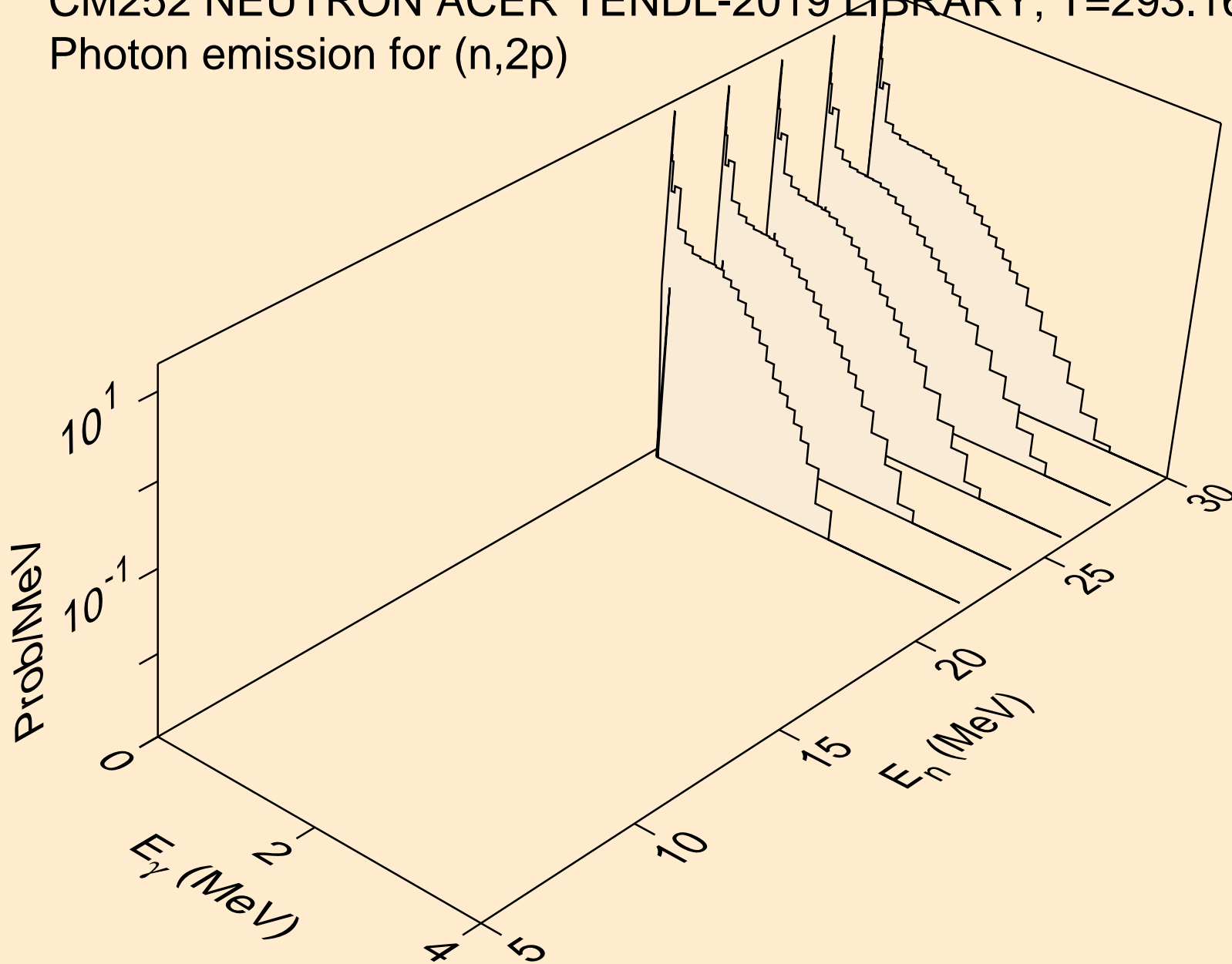
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Photon emission for (n,he3)



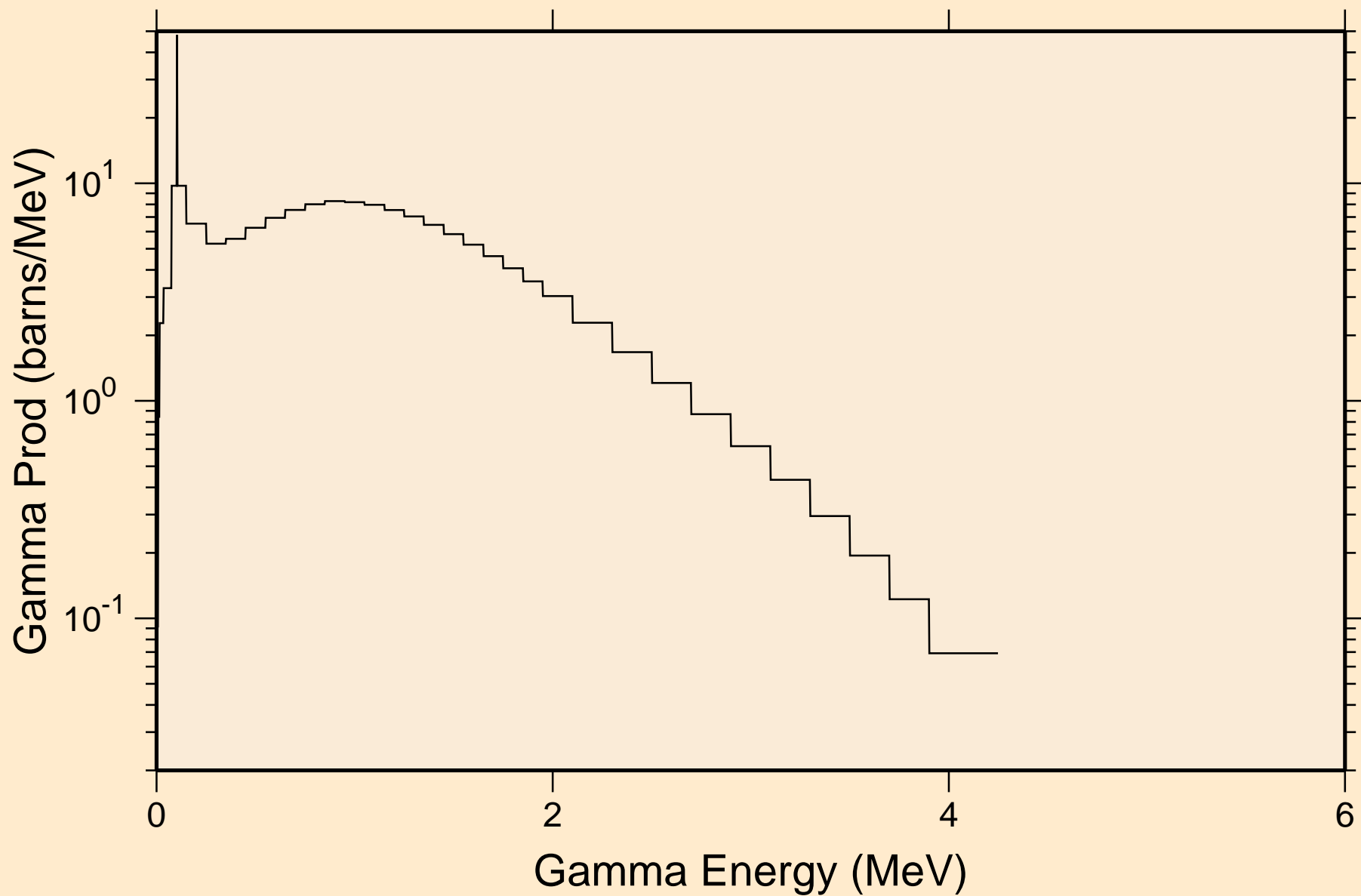
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Photon emission for (n,a)



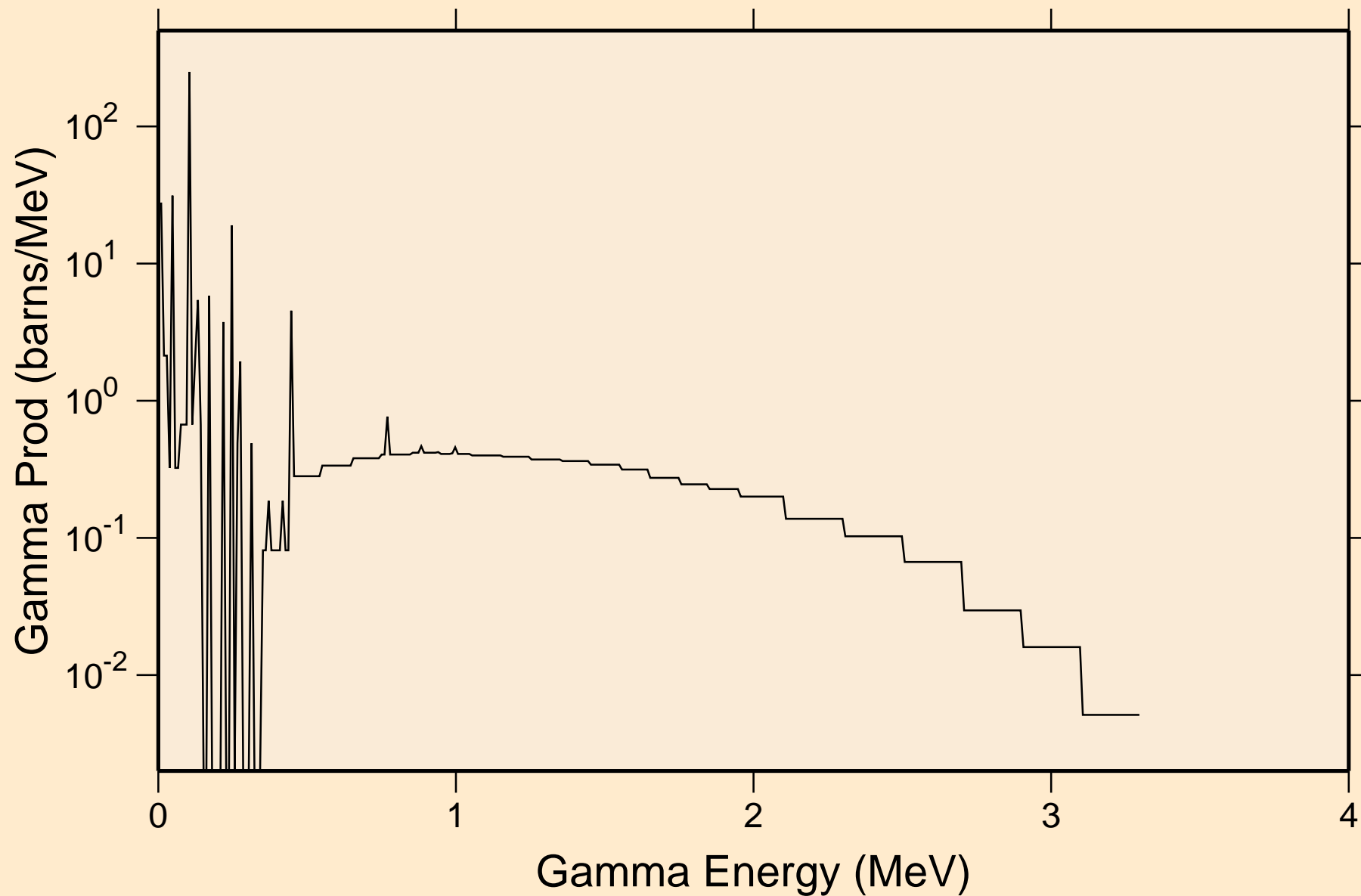
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



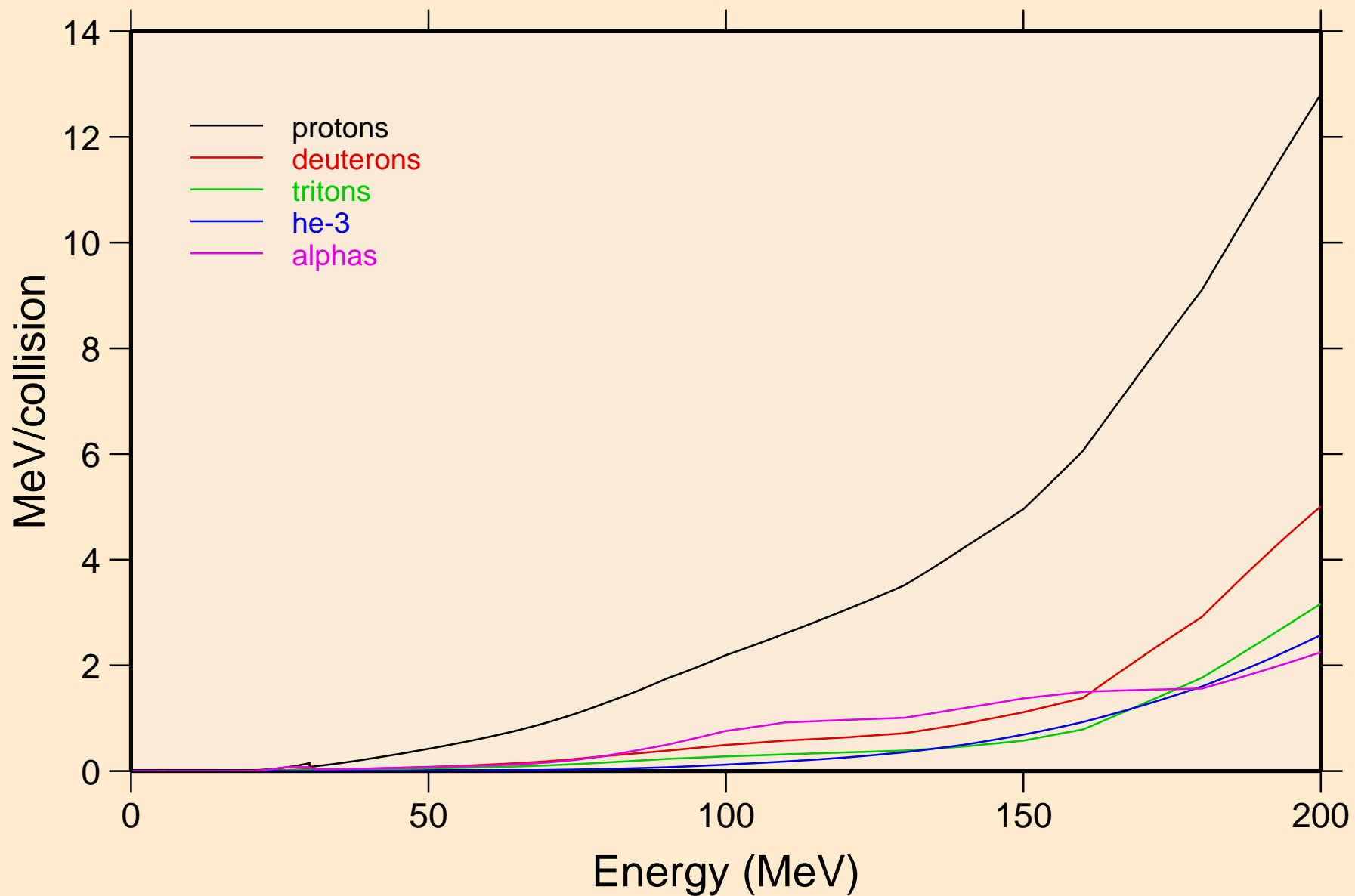
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thermal capture photon spectrum



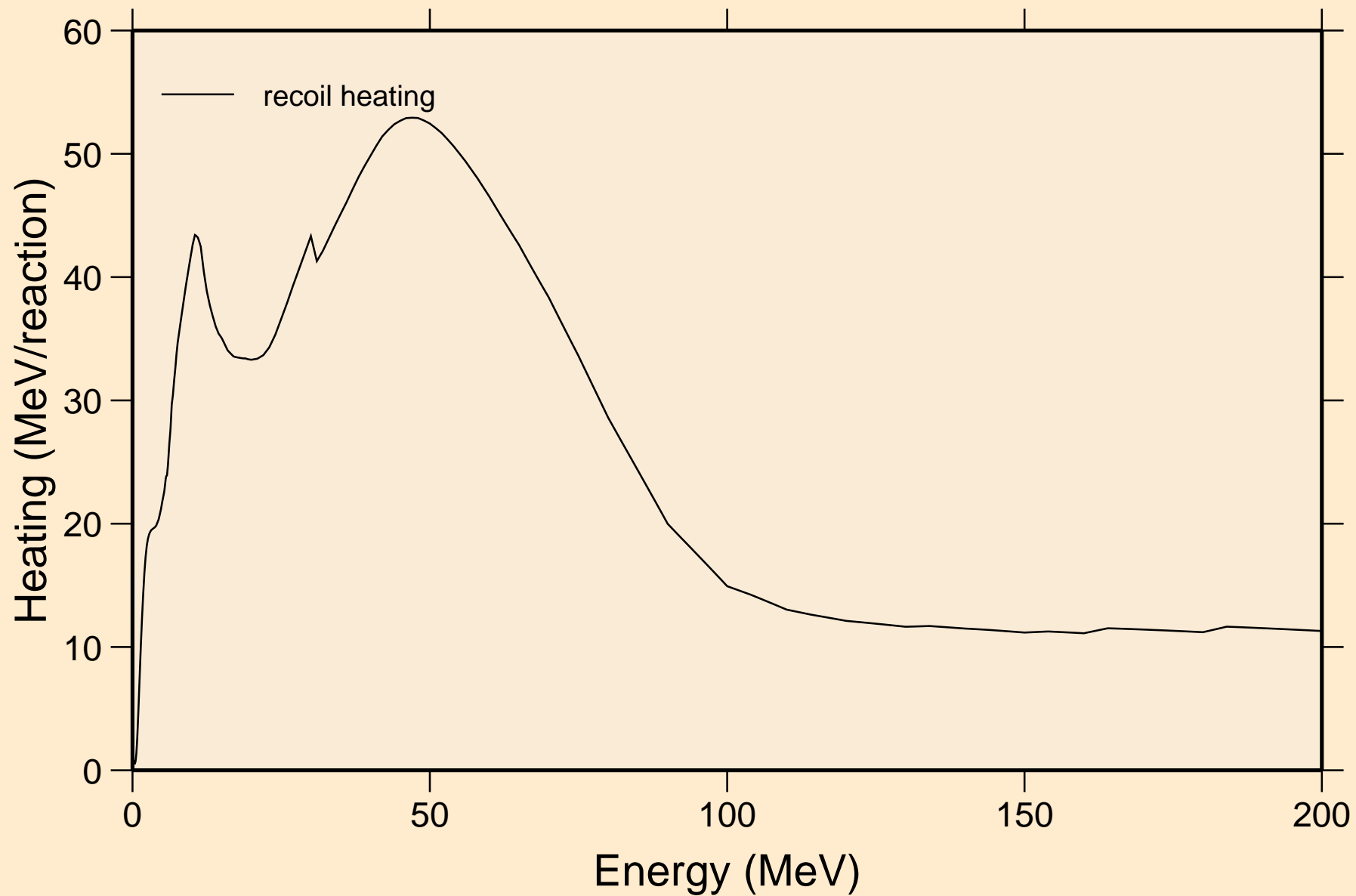
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14 MeV photon spectrum



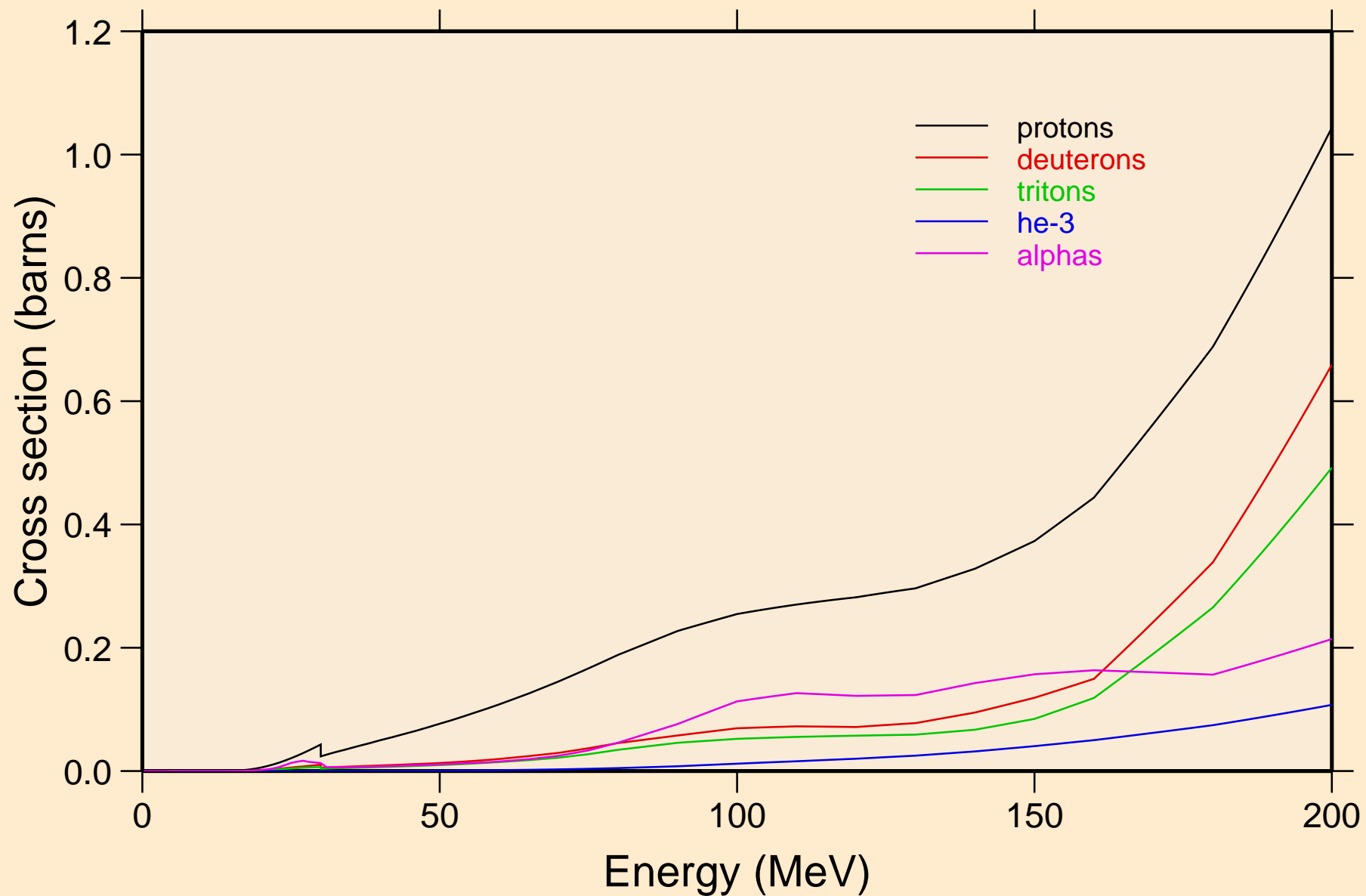
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Particle heating contributions



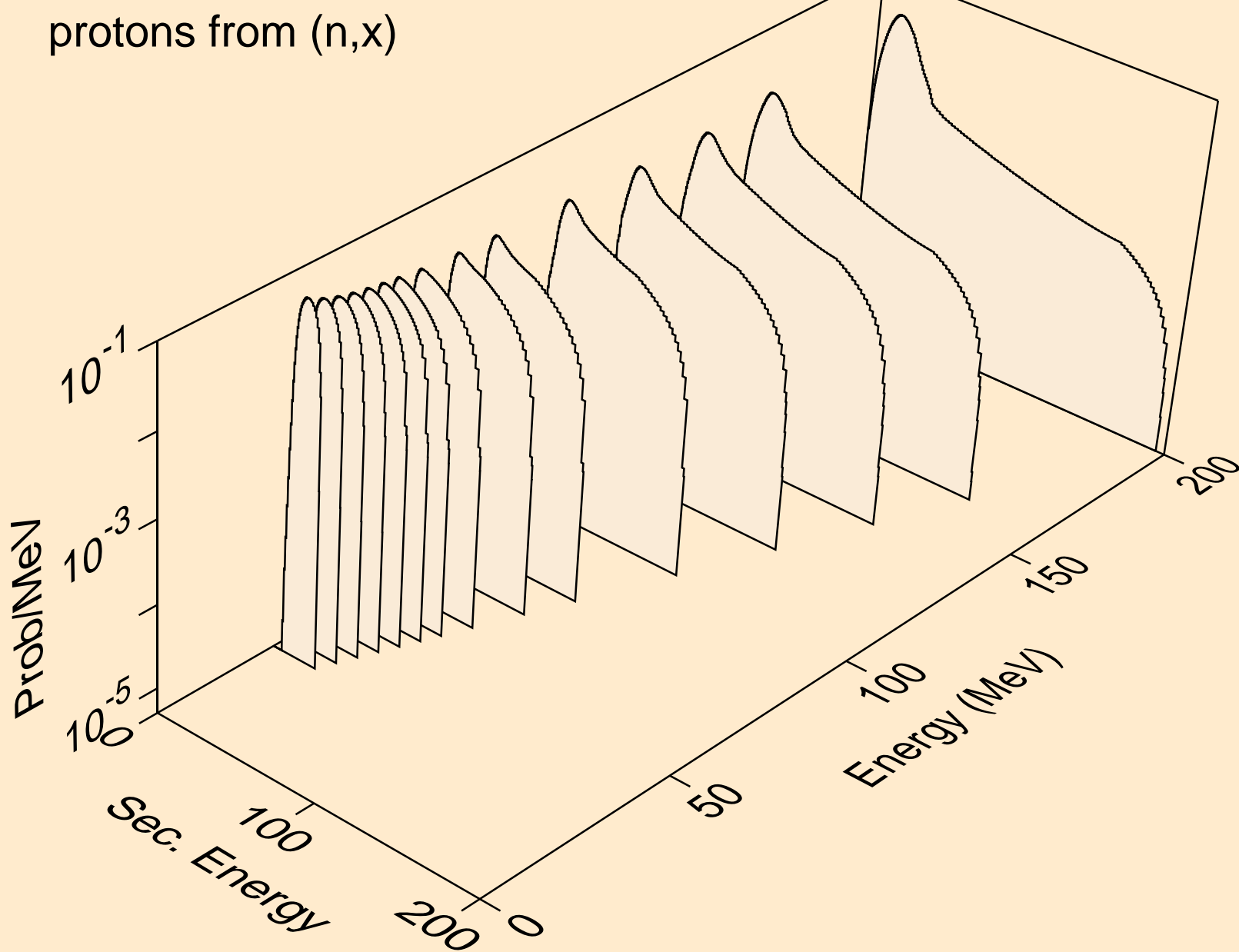
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Recoil Heating



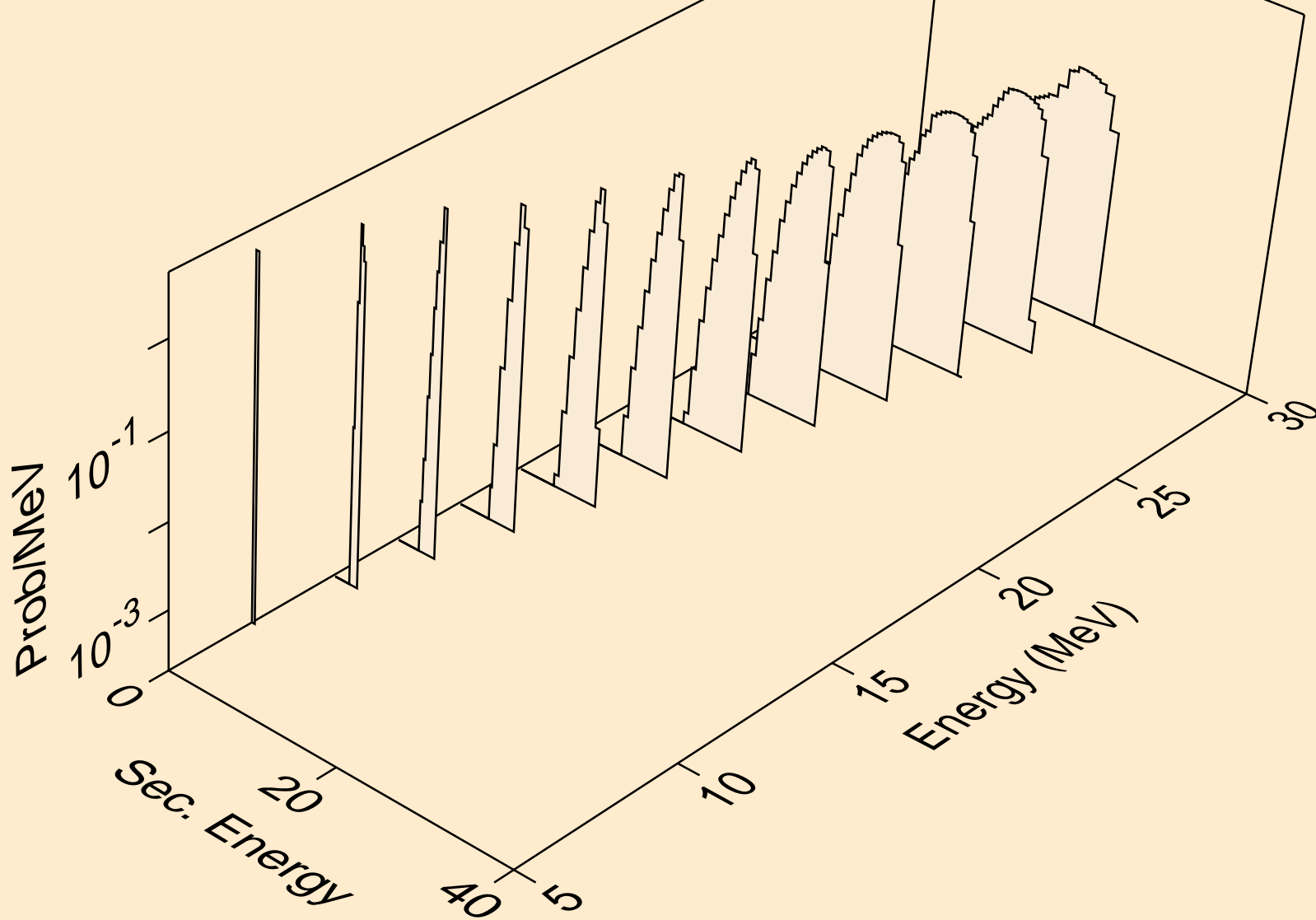
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Particle production cross sections



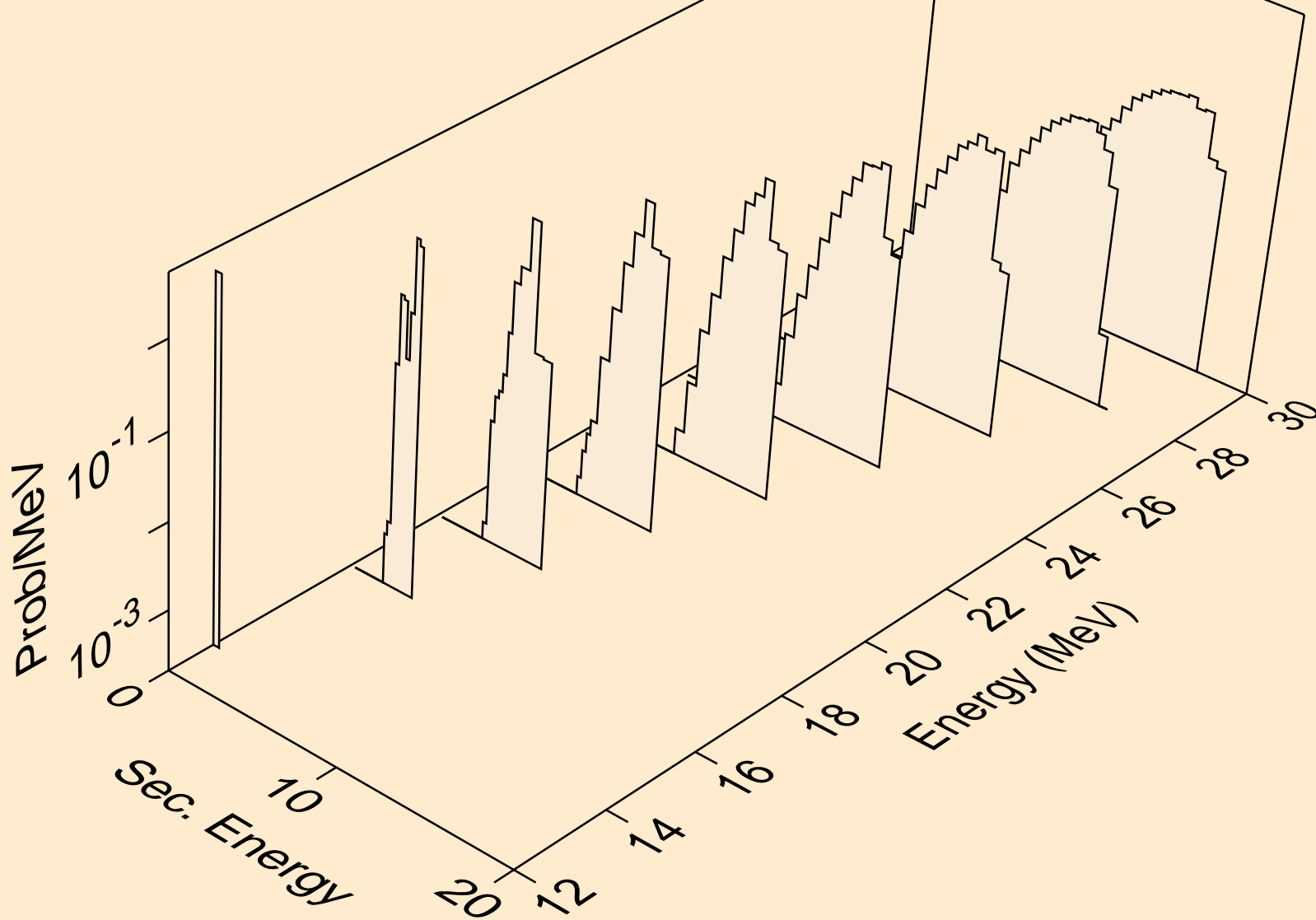
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protons from (n,x)



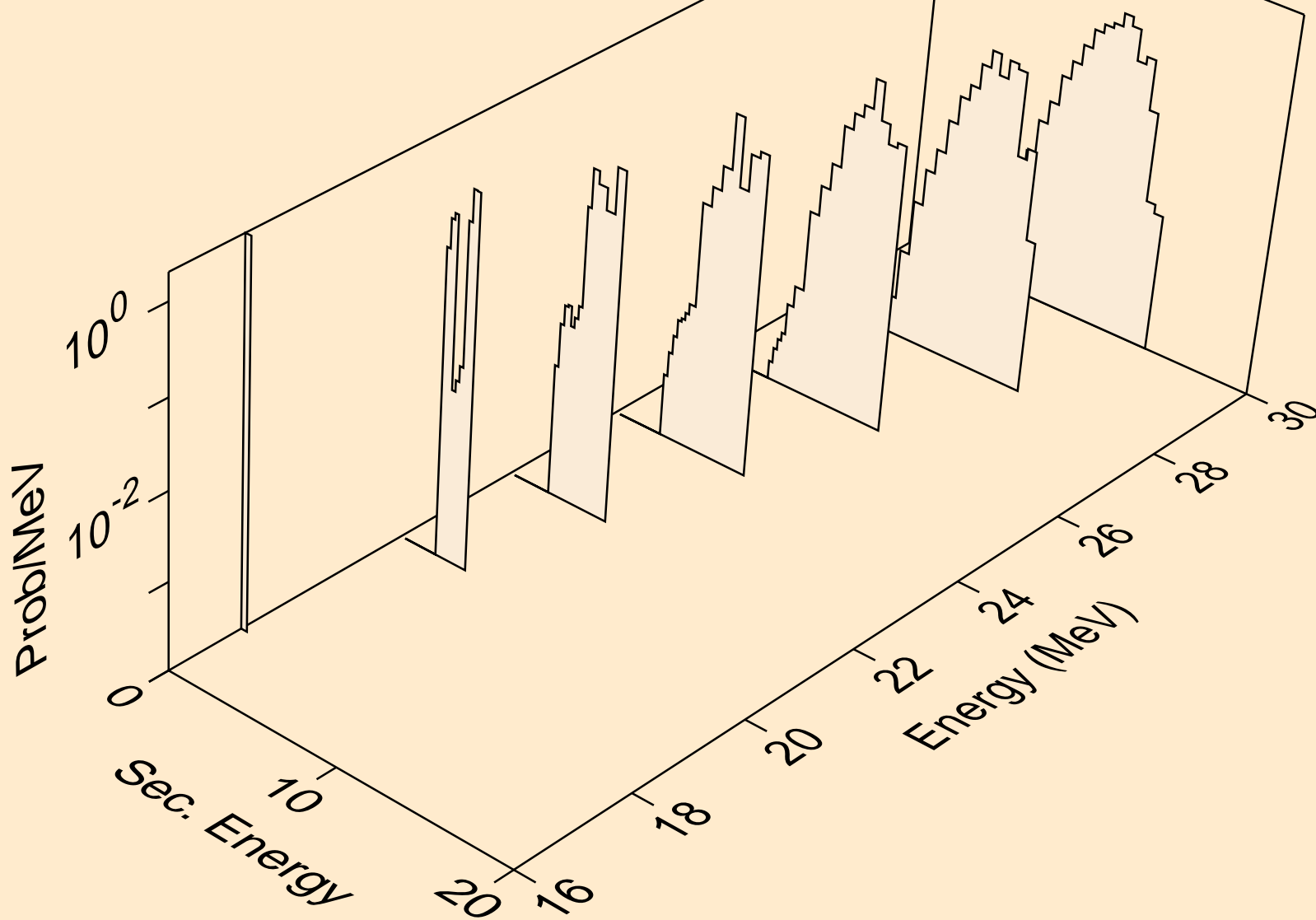
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protons from (n,n\*)p



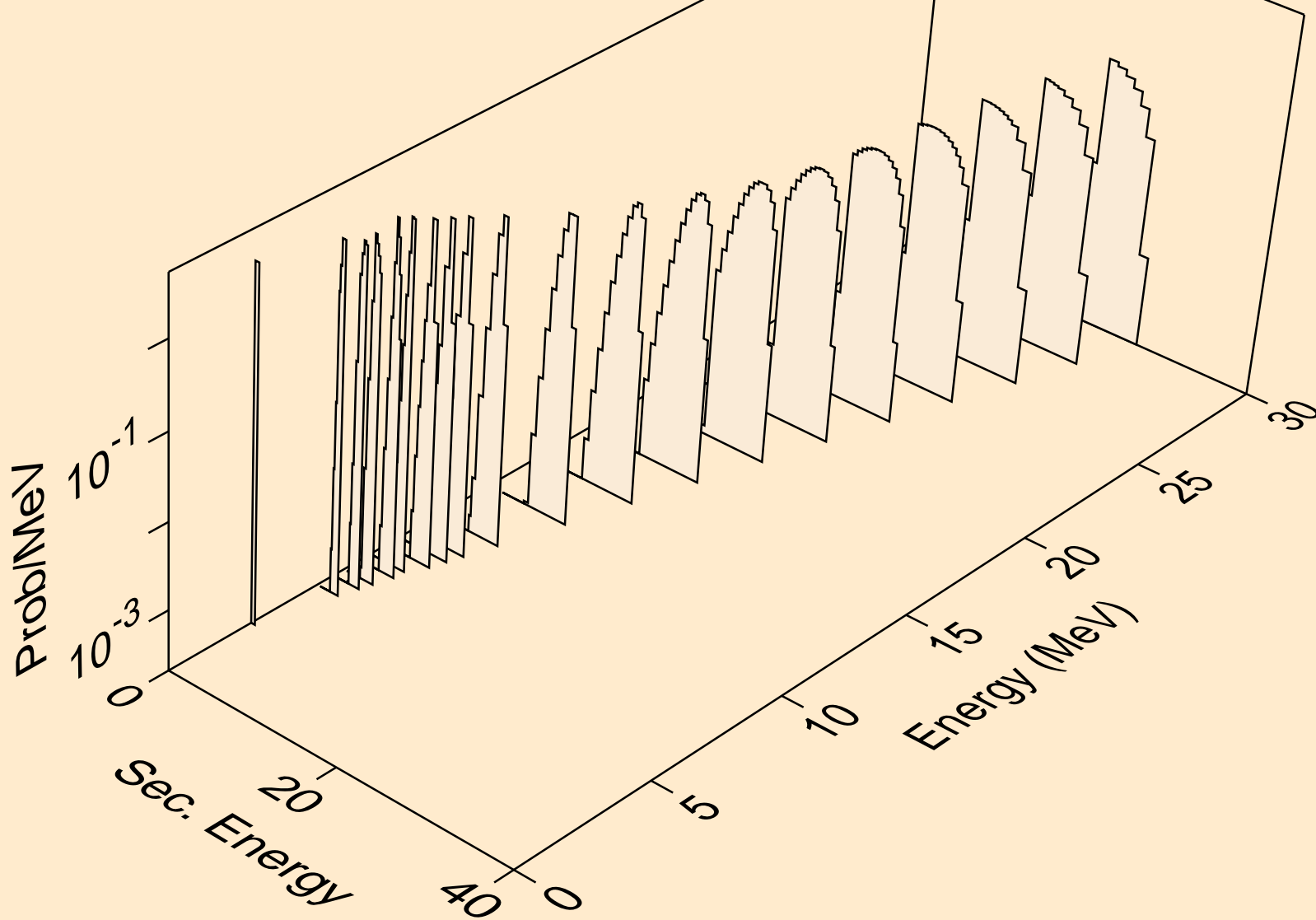
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protons from (n,2np)



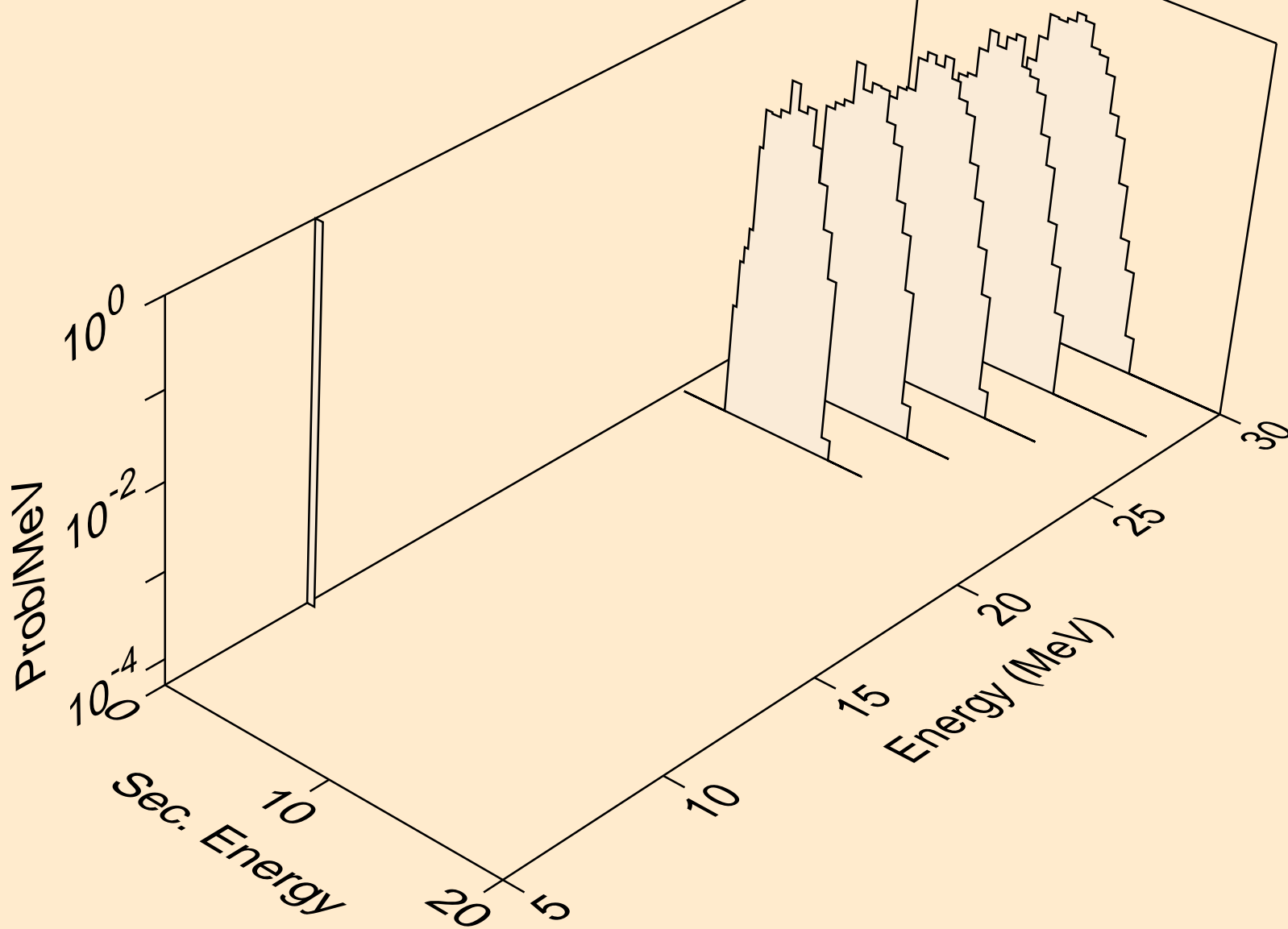
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protons from (n,3np)



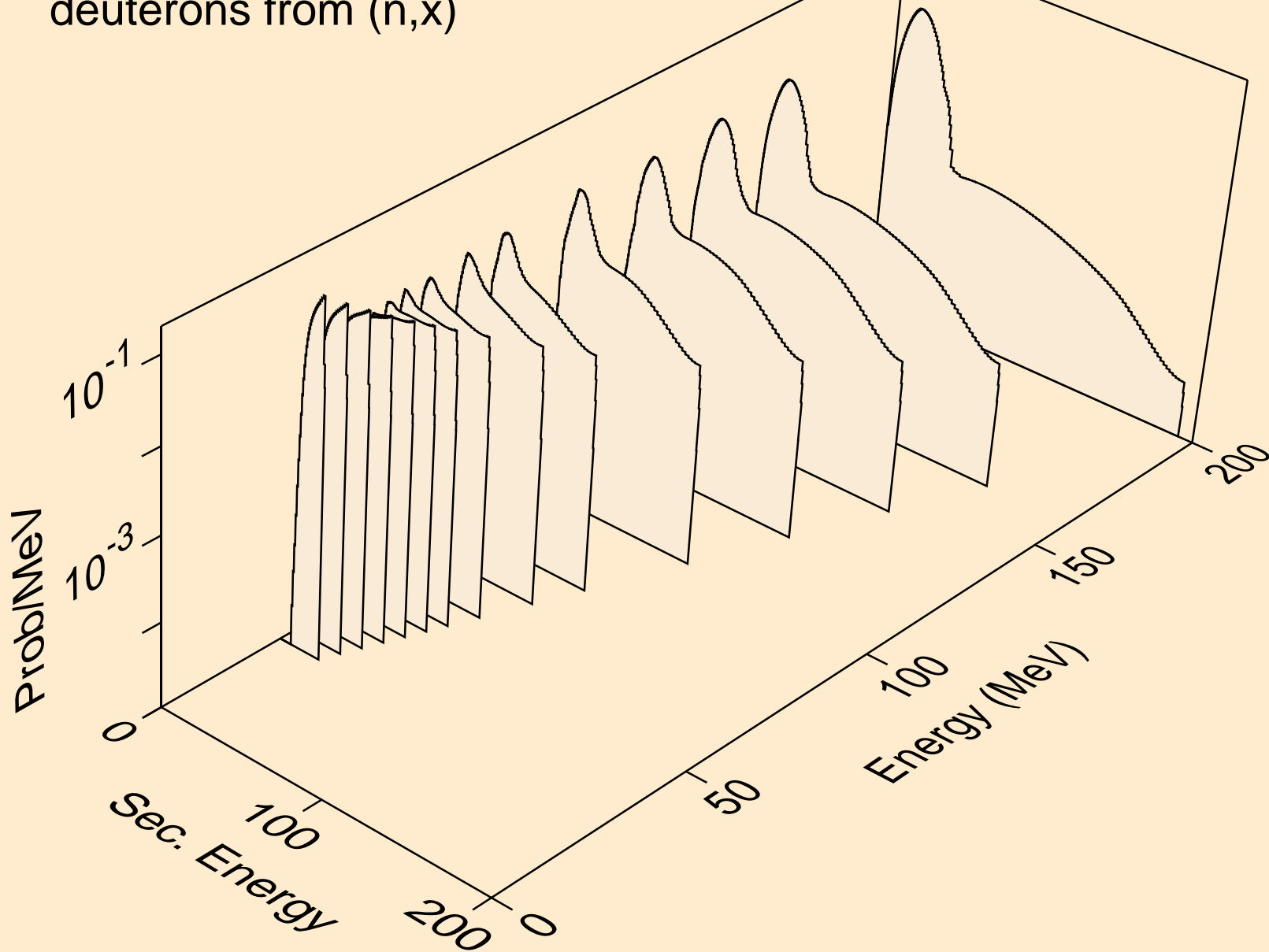
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protons from (n,p)



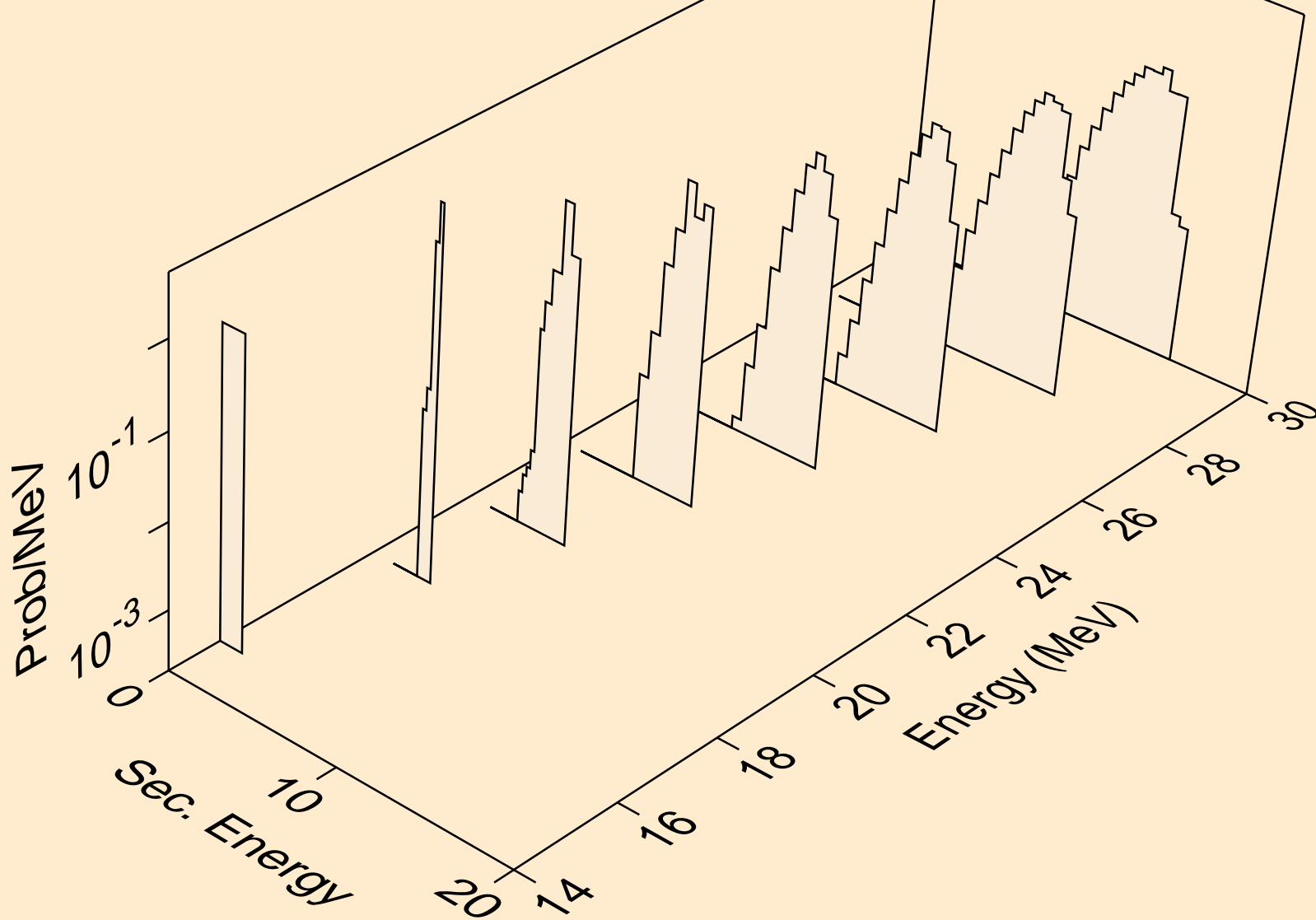
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protons from (n,2p)



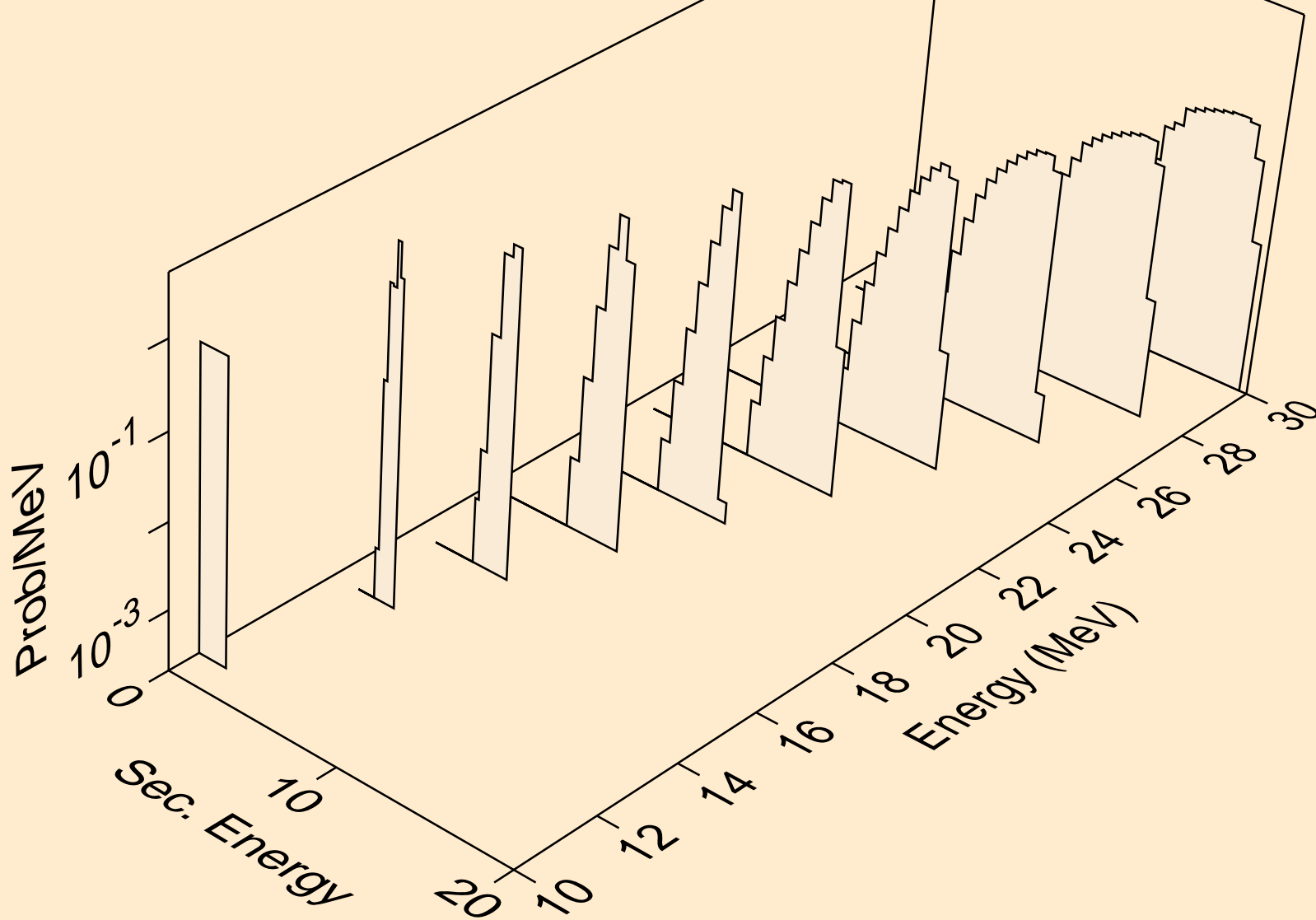
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deuterons from (n,x)



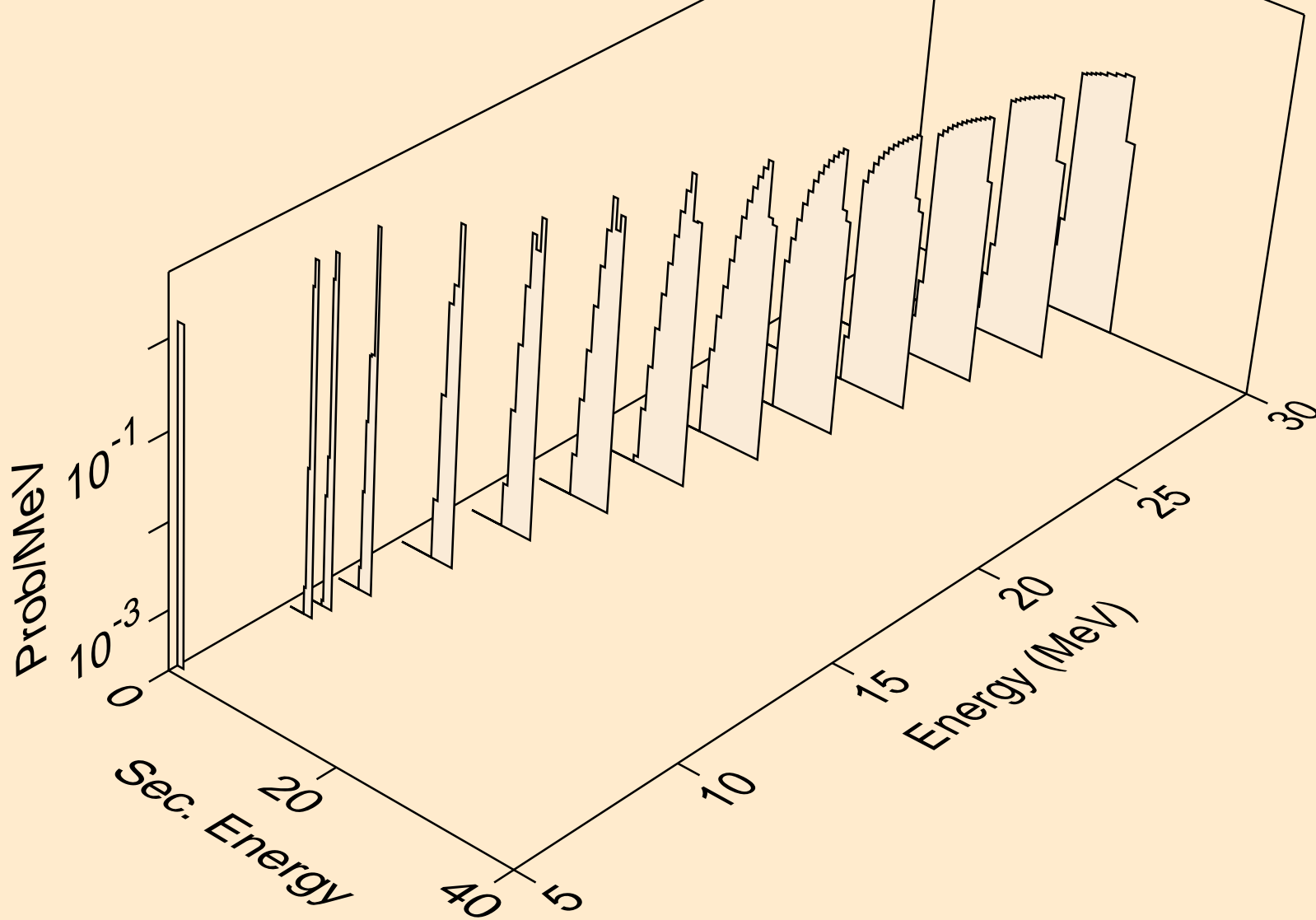
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deuterons from (n,2nd)



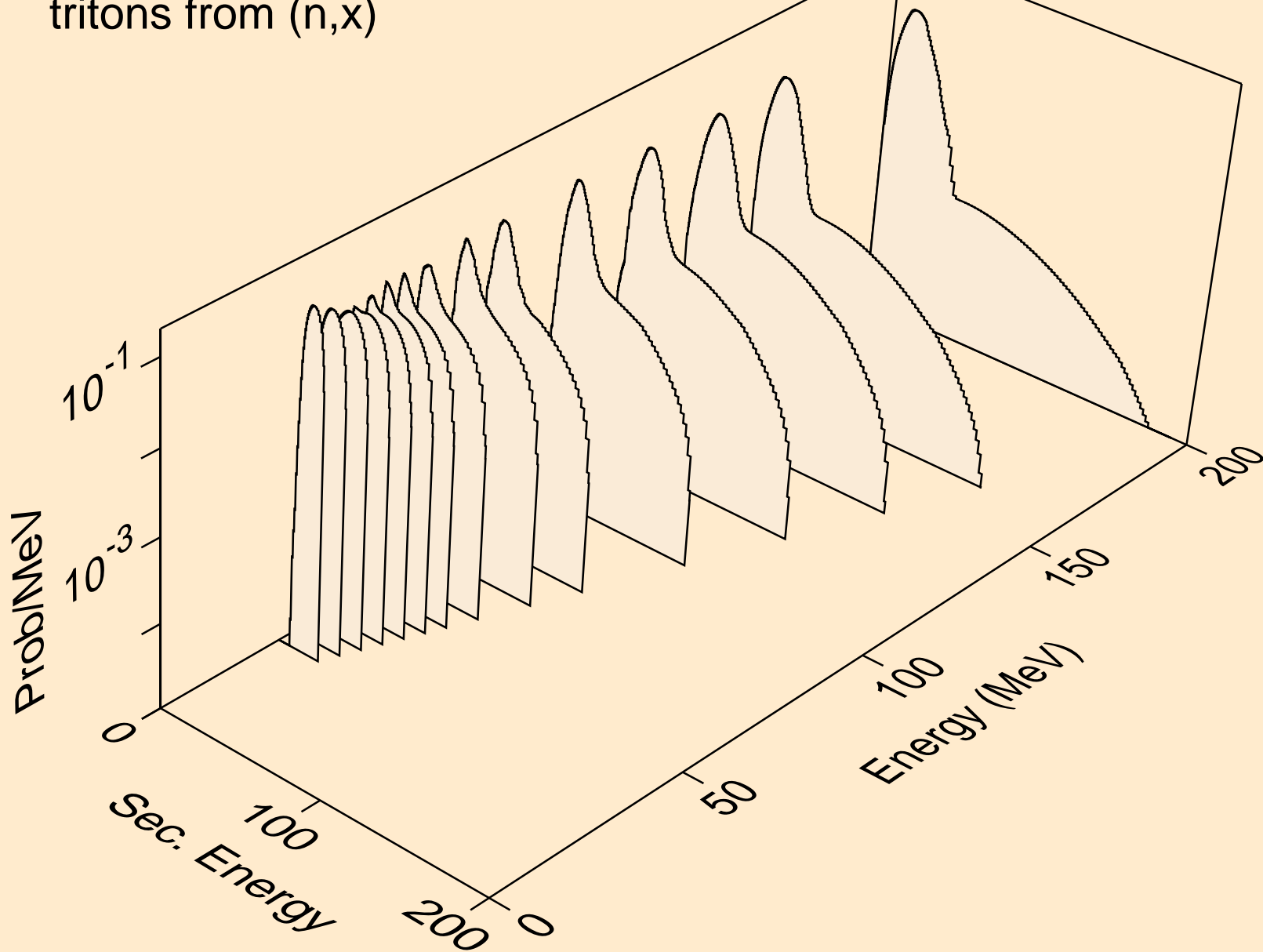
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deuterons from (n,n\*)d



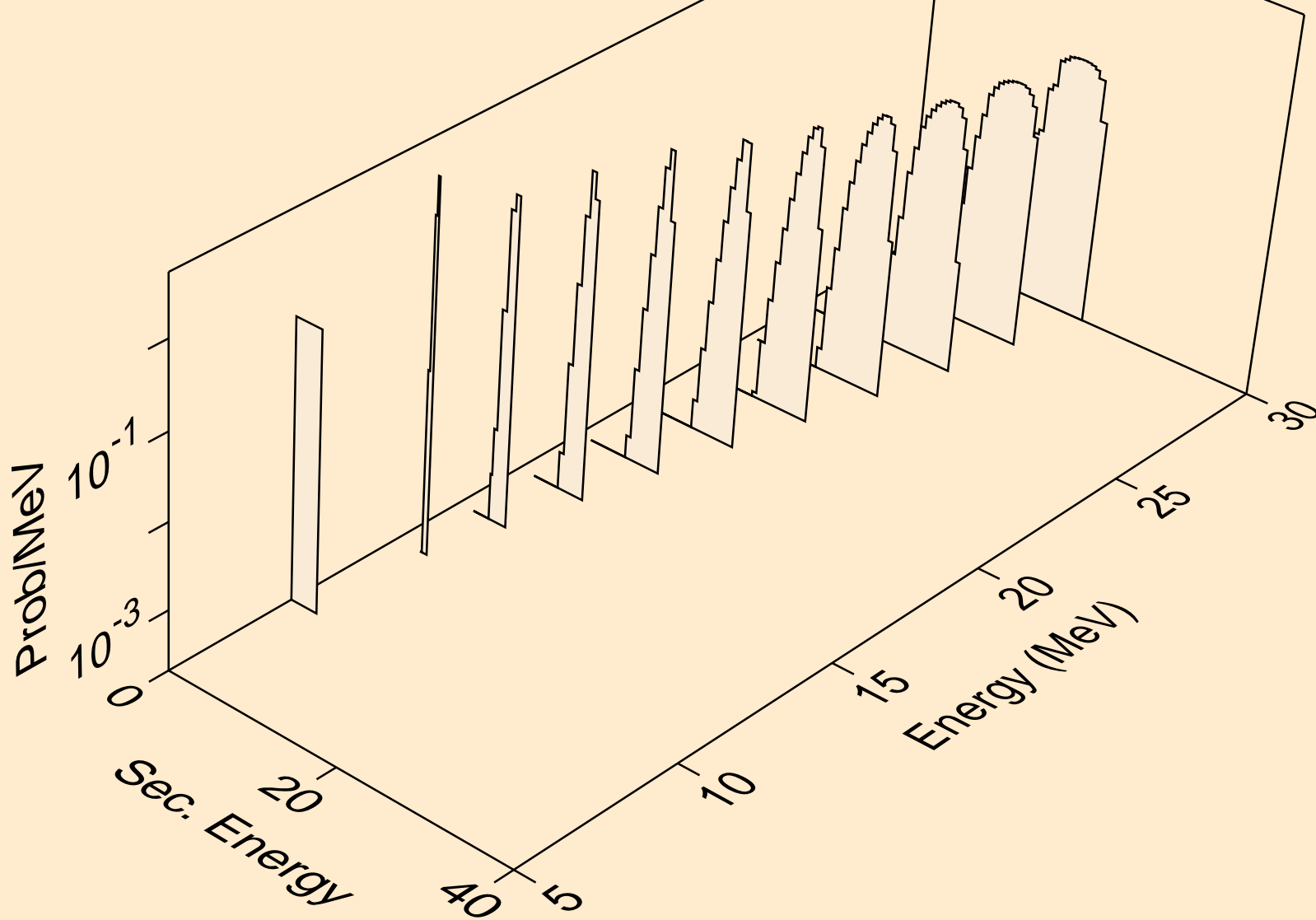
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deuterons from (n,d)



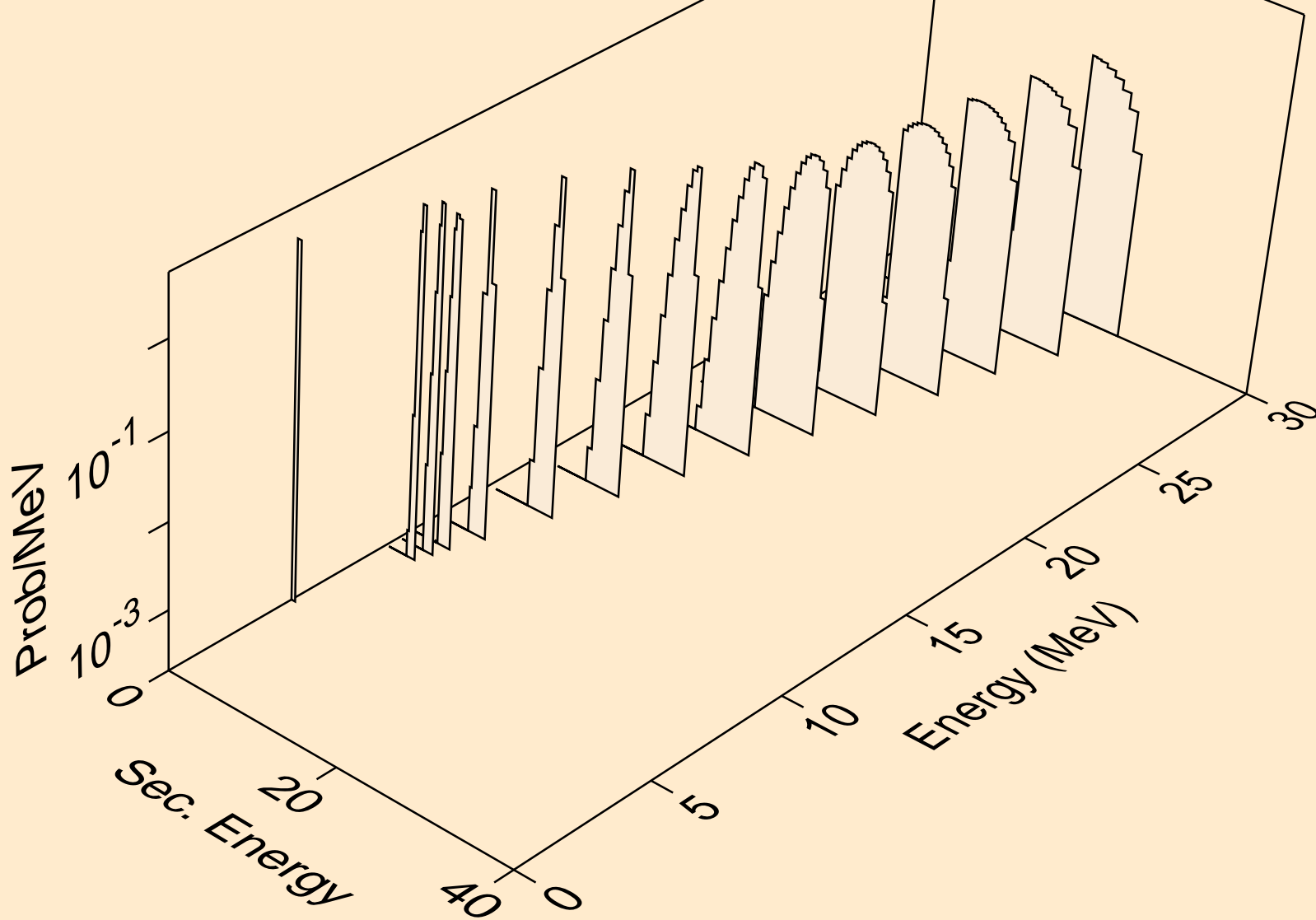
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tritons from (n,x)



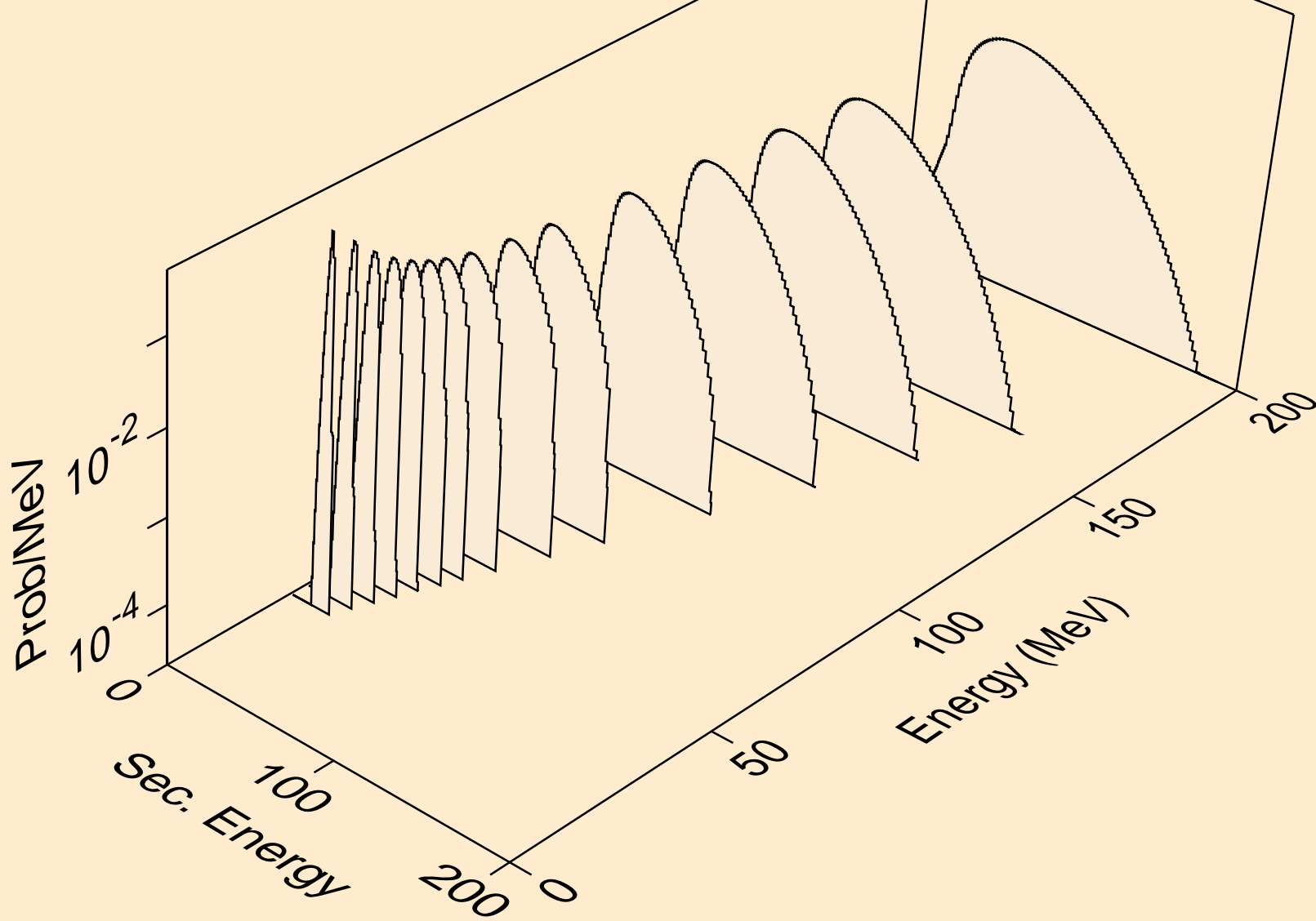
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tritons from (n,n\*)t



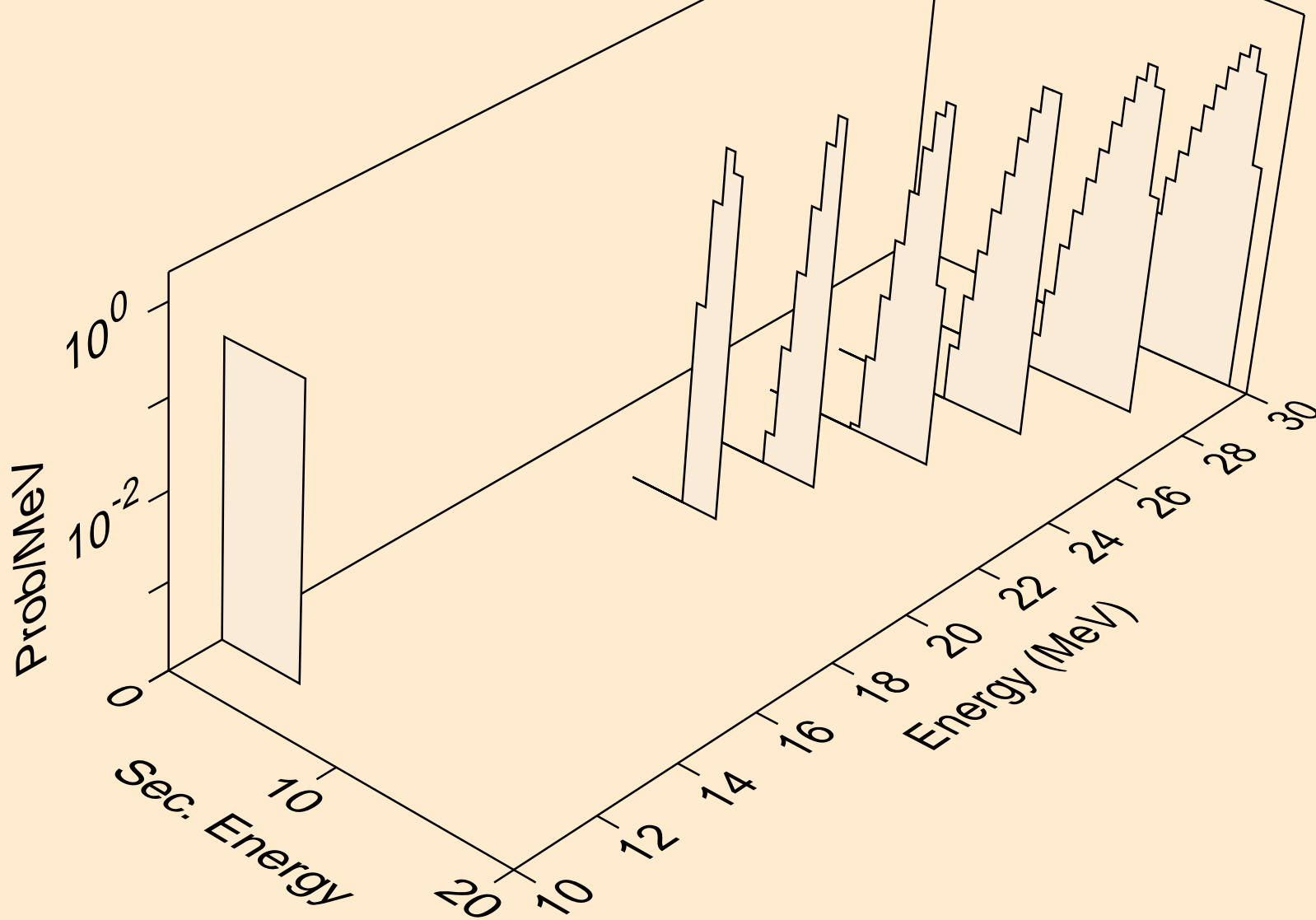
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tritons from (n,t)



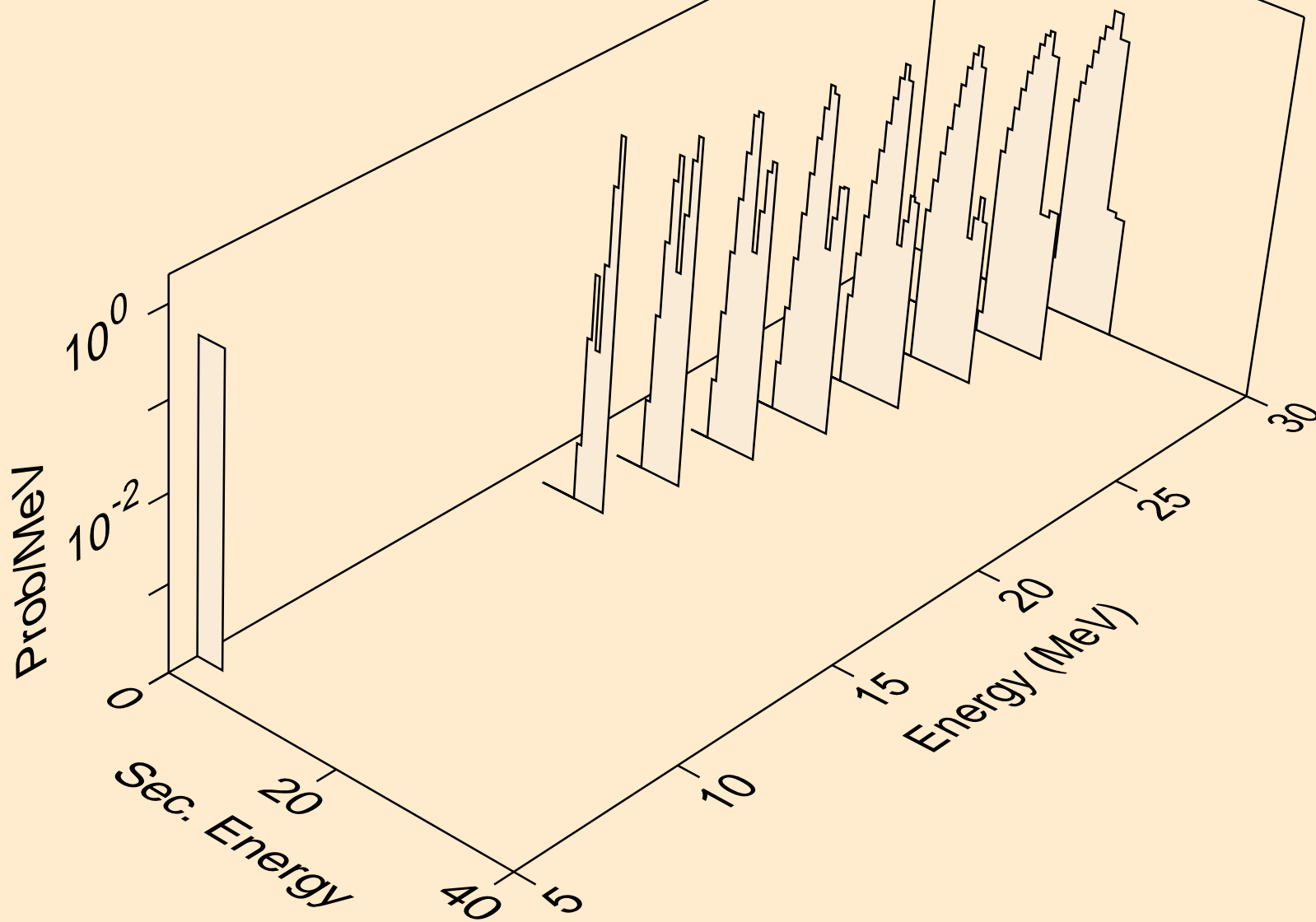
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he3s from (n,x)



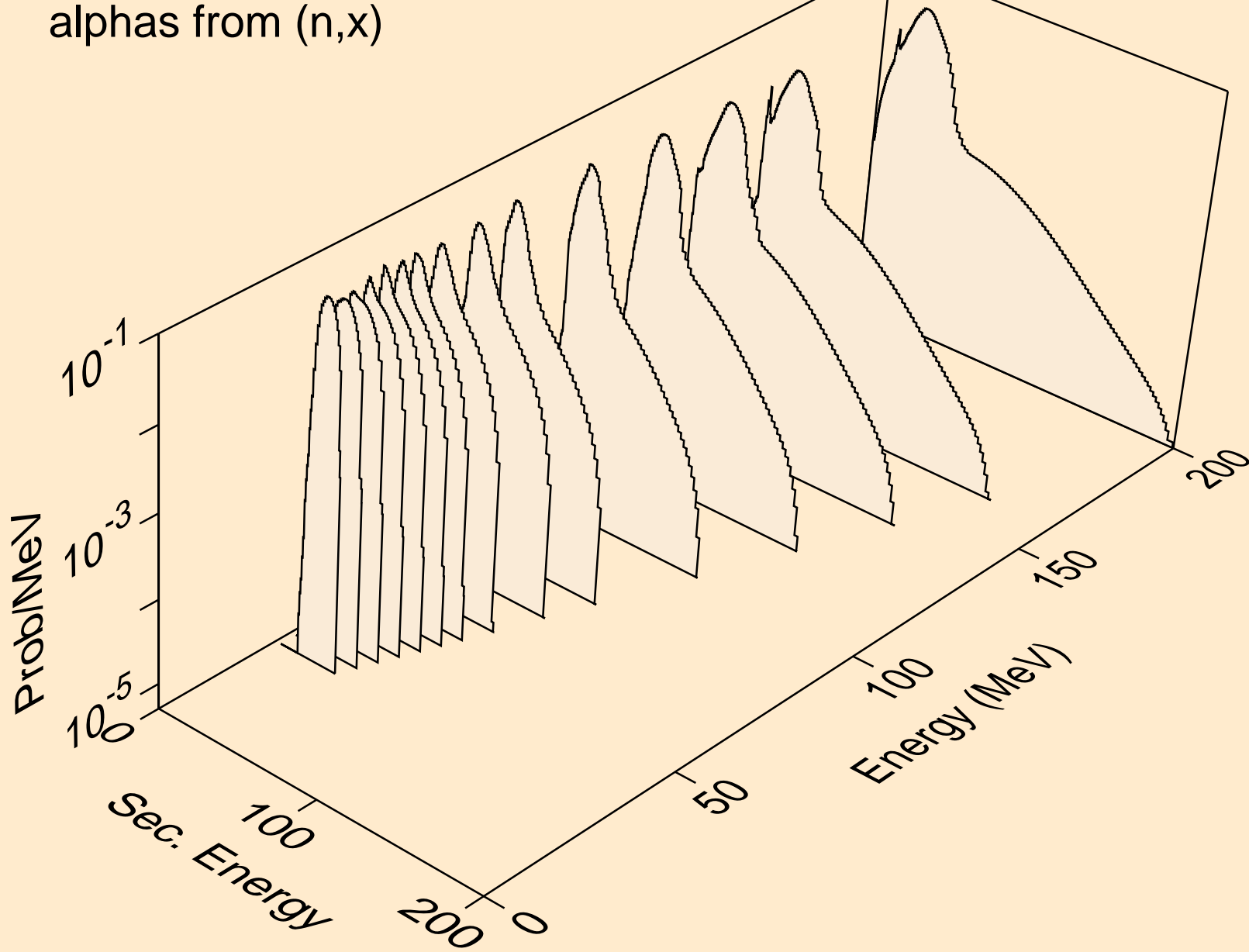
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he3s from (n,n\*)he3



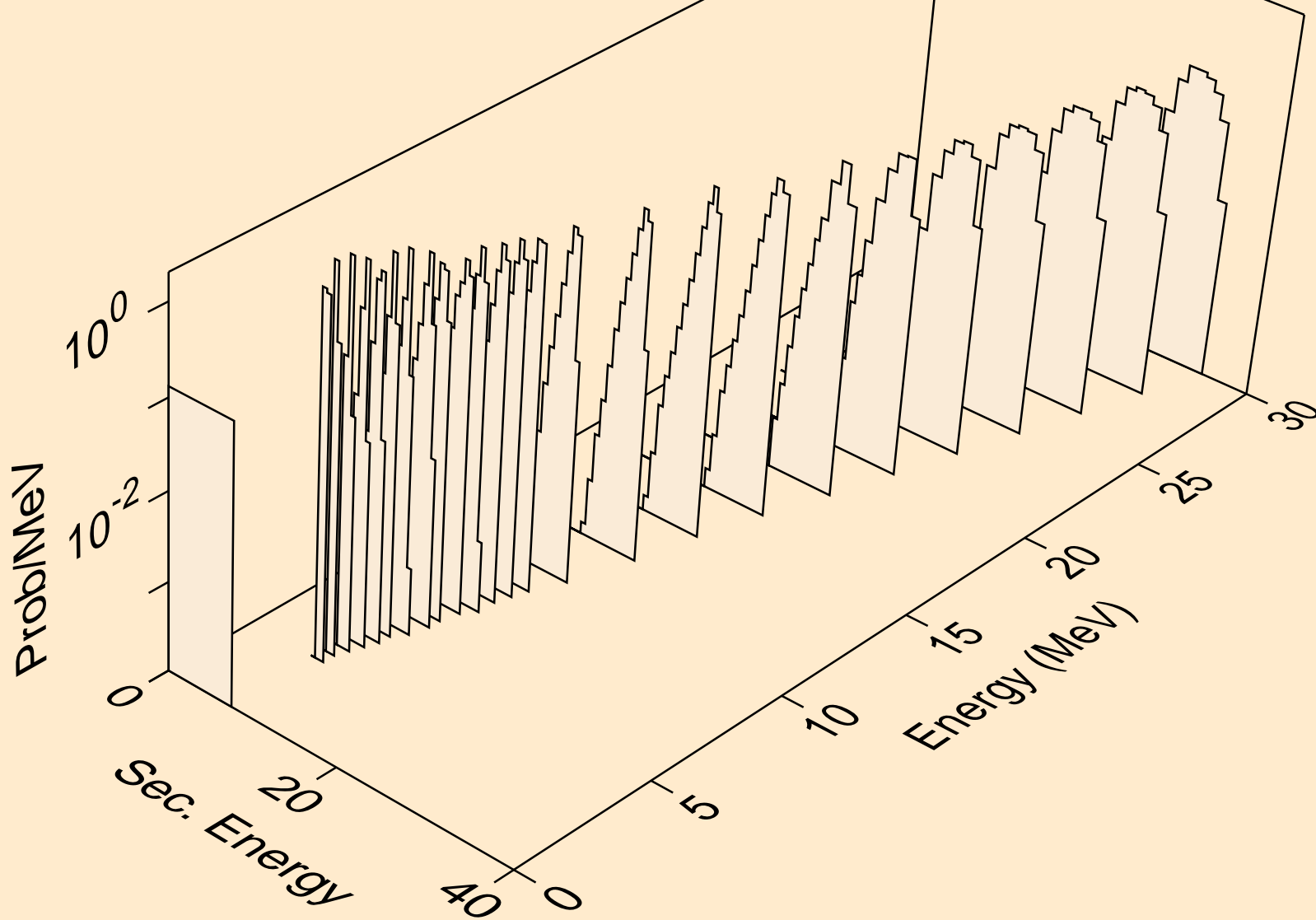
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he3s from (n,he3)



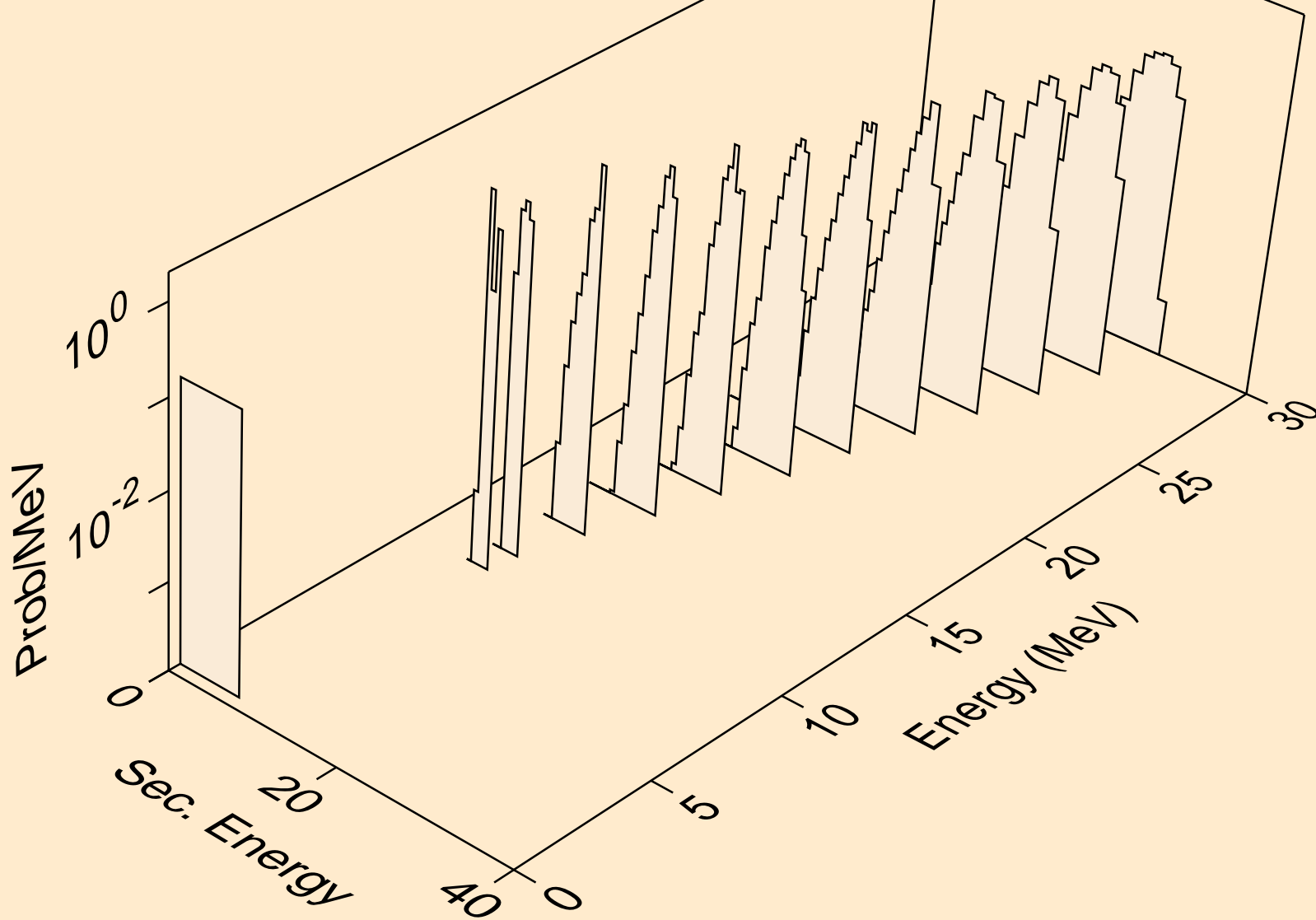
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alphas from (n,x)



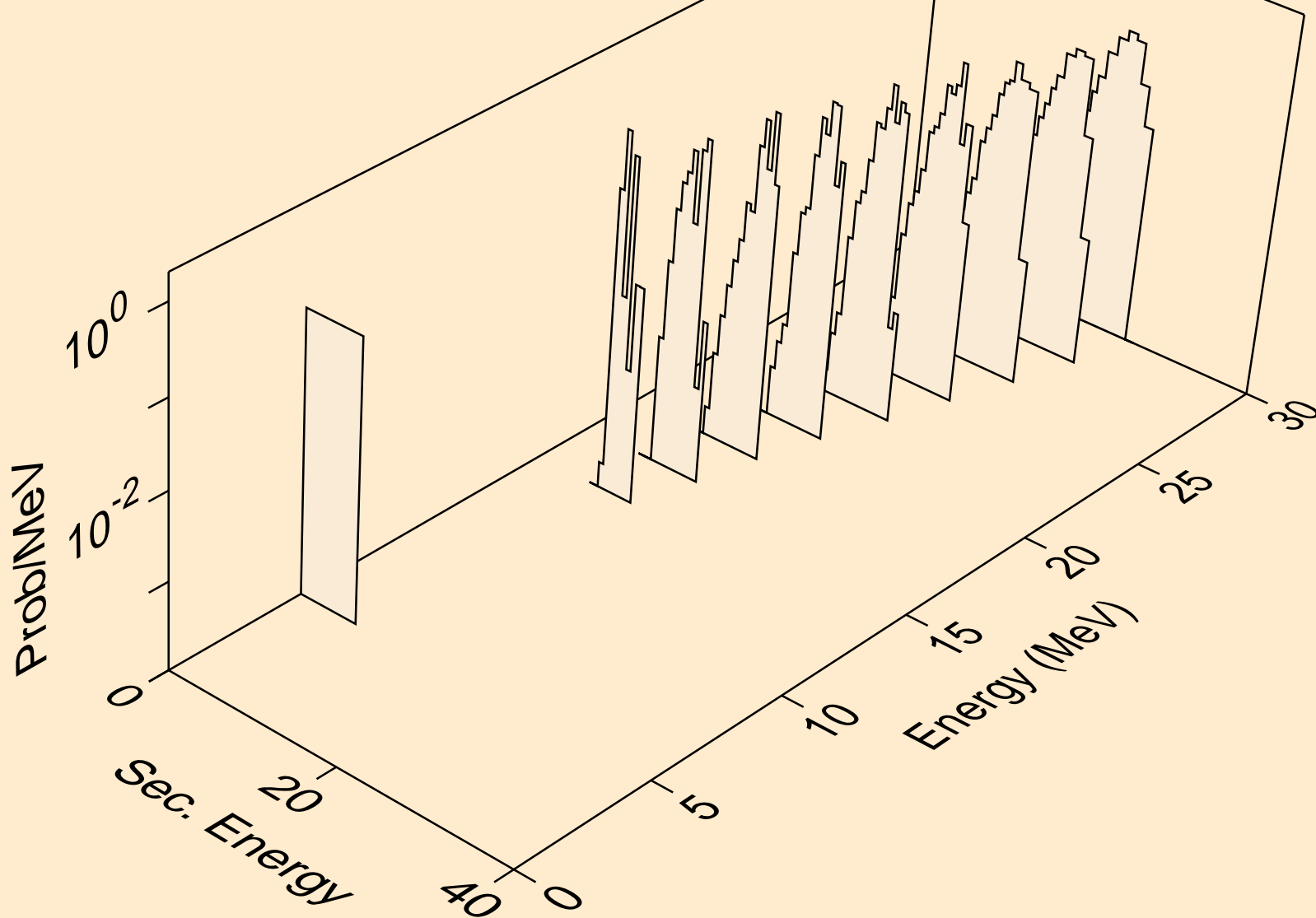
CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



CM252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

