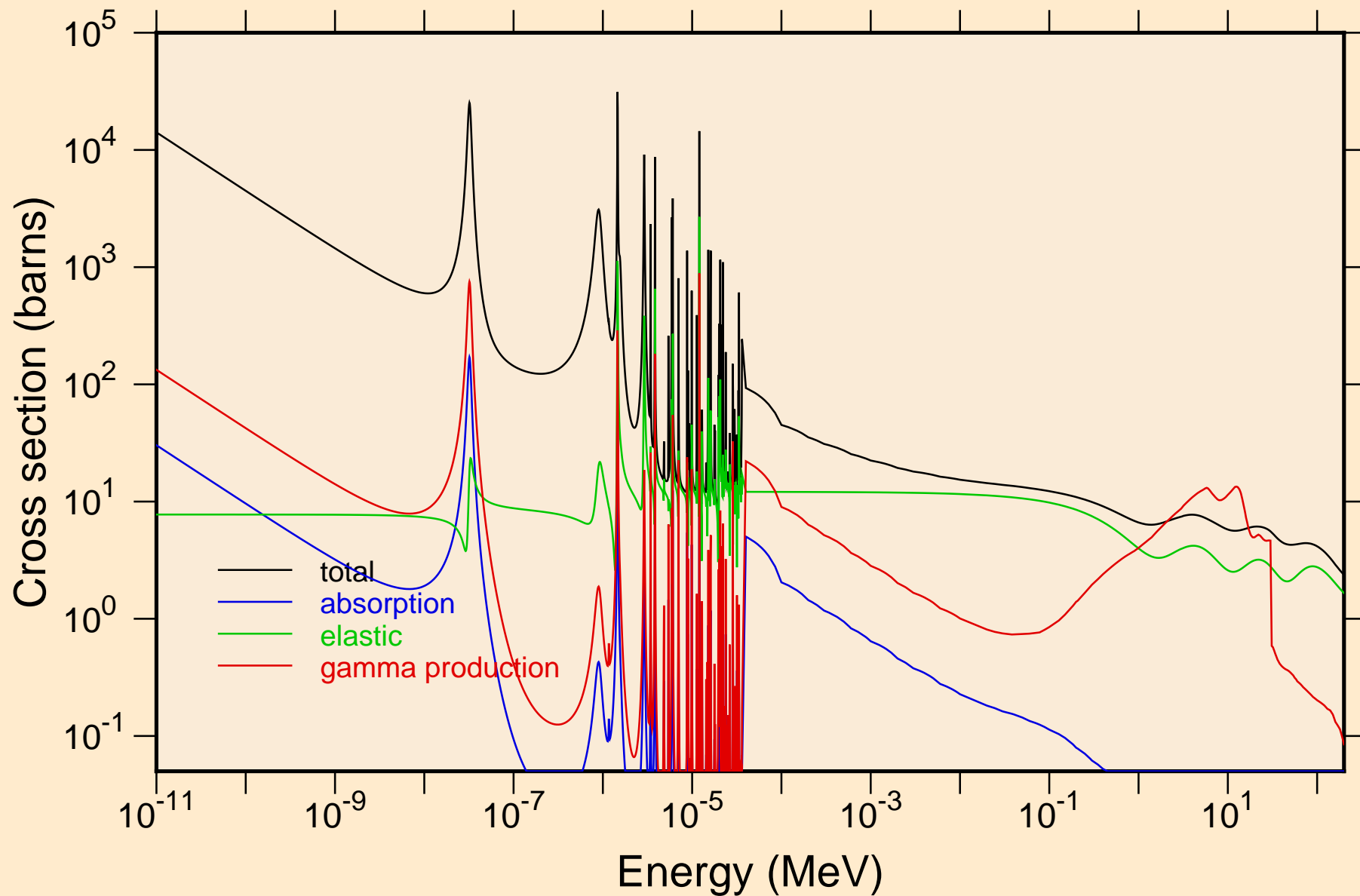
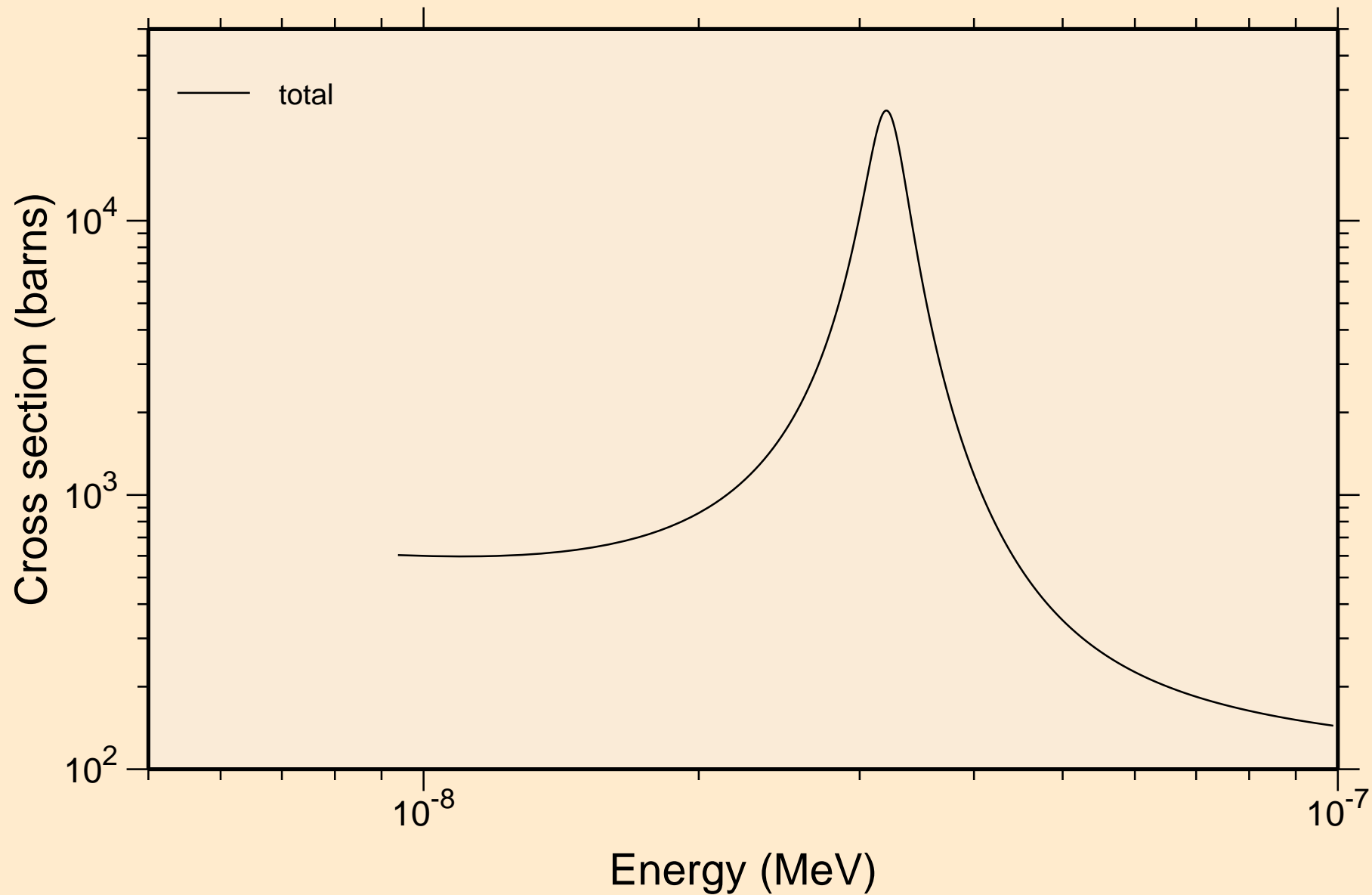


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

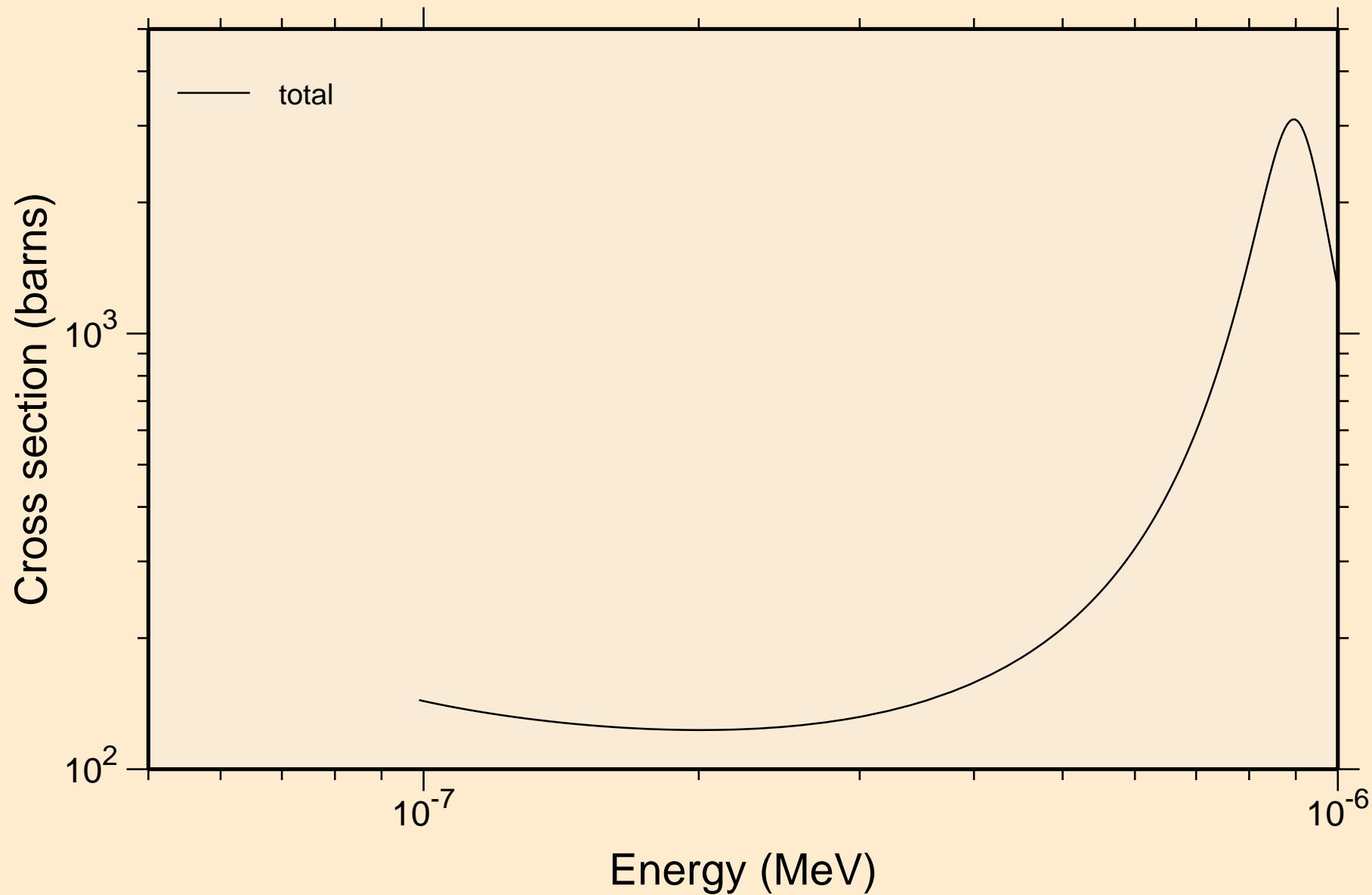
Principal cross sections



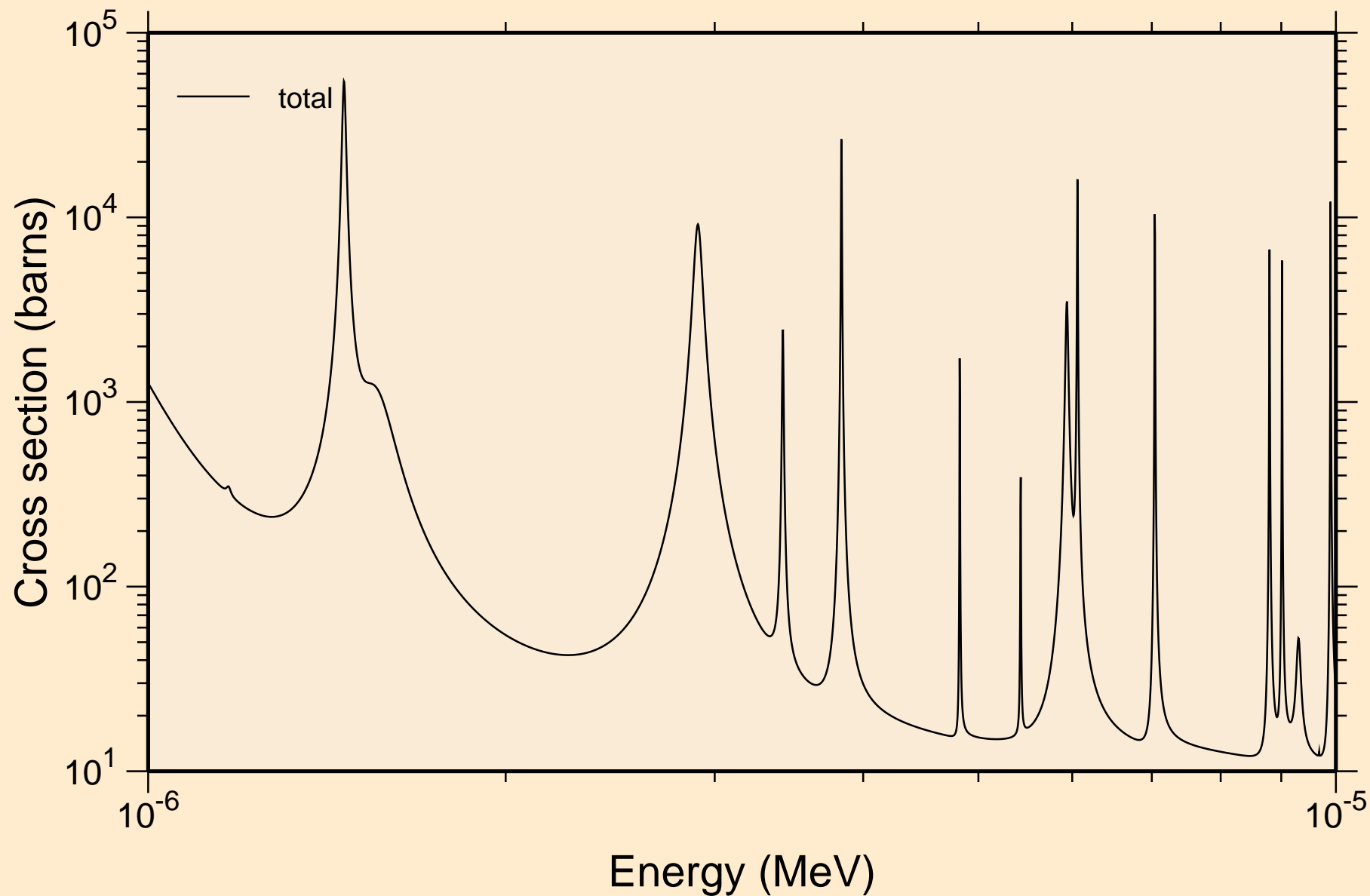
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



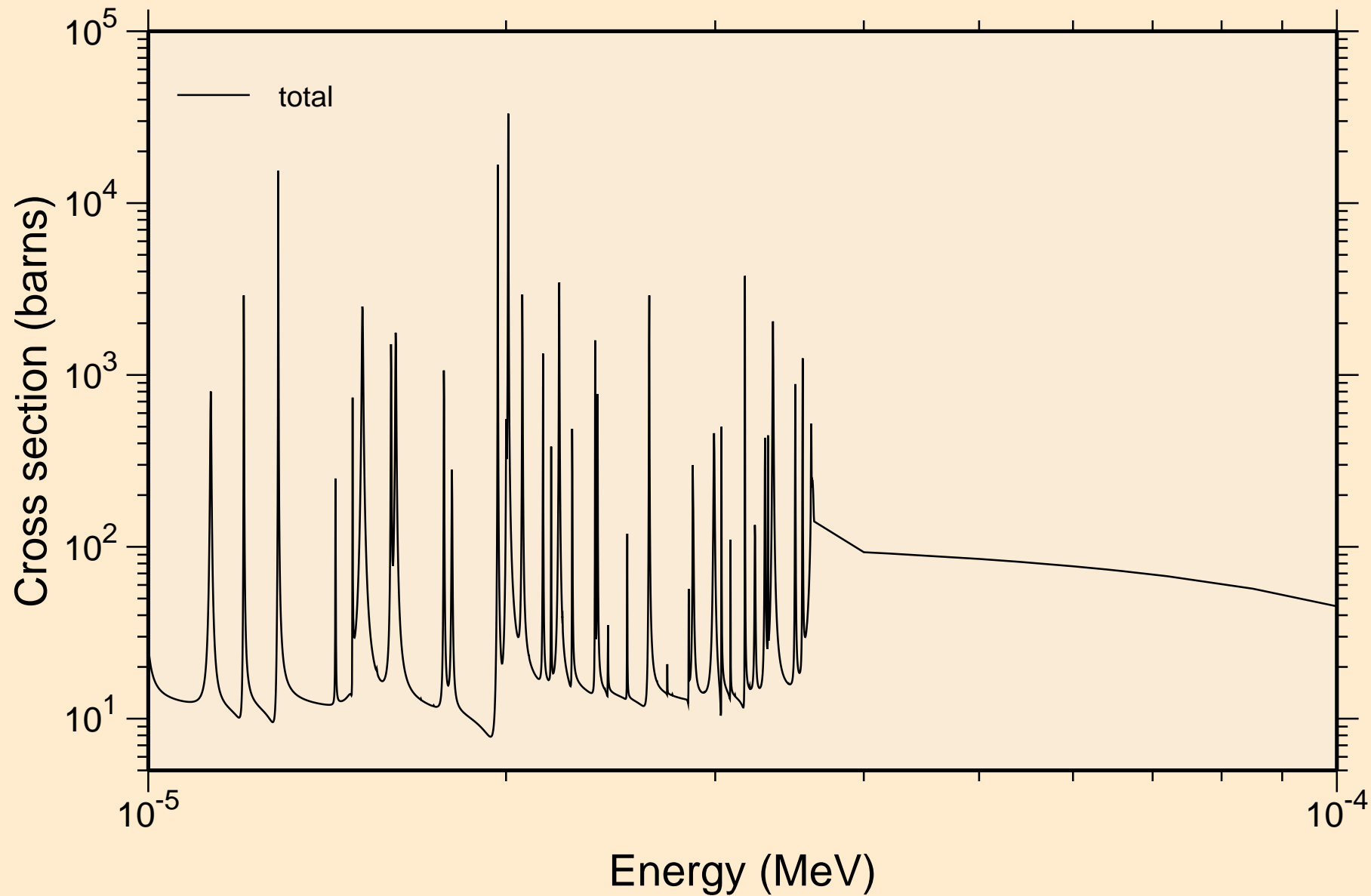
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



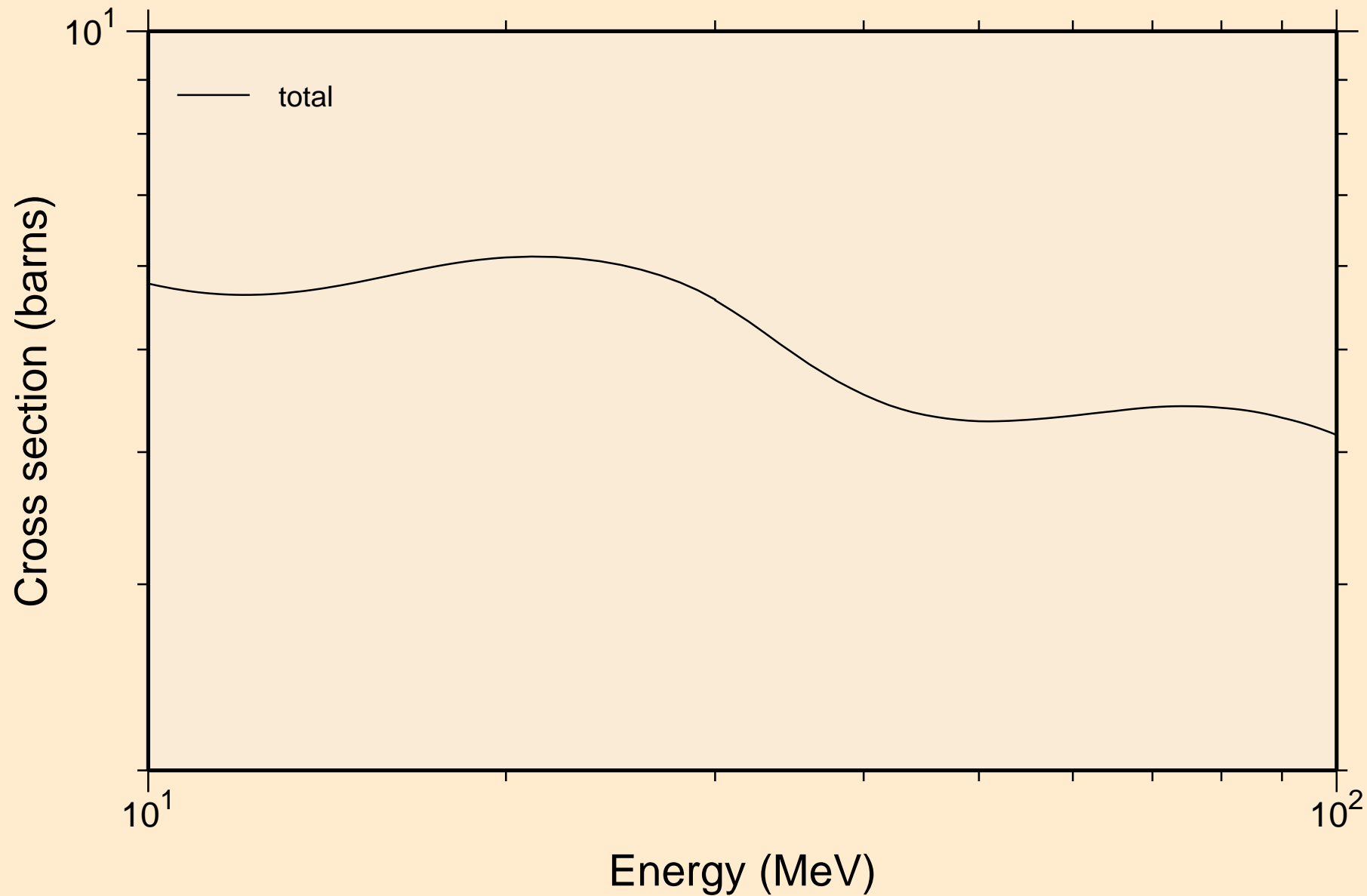
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resonance total cross section



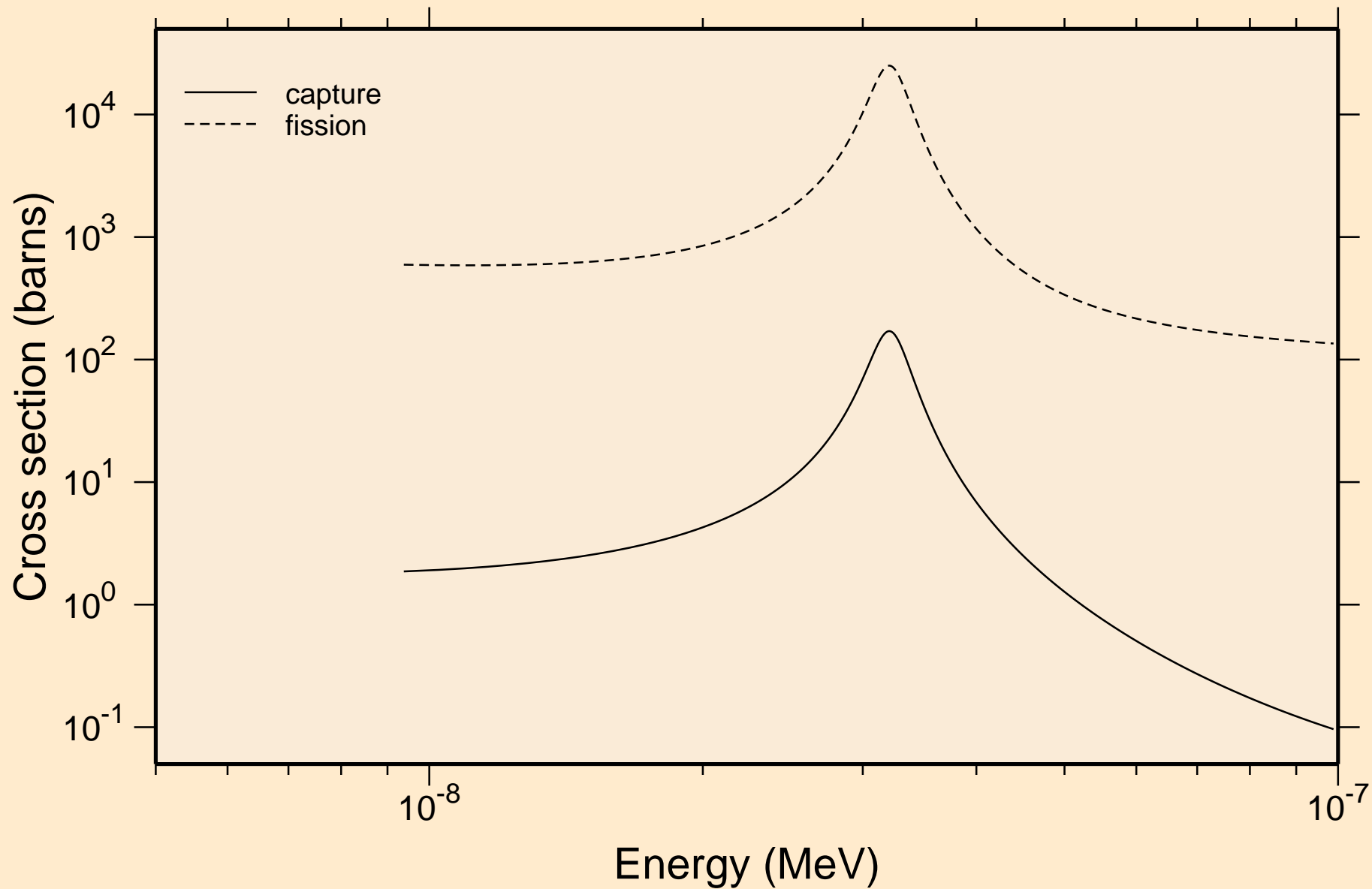
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resonance total cross section



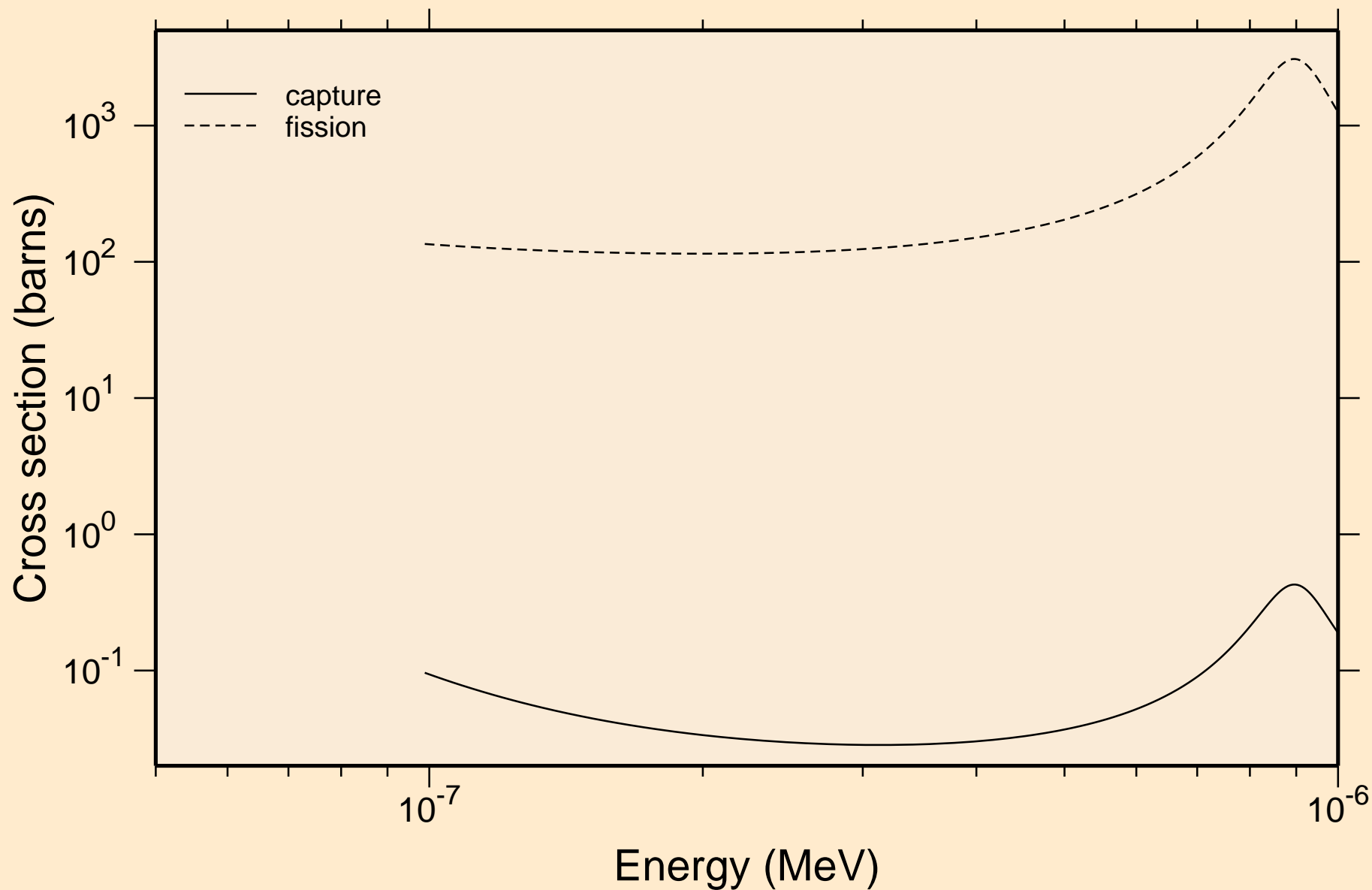
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resonance total cross section



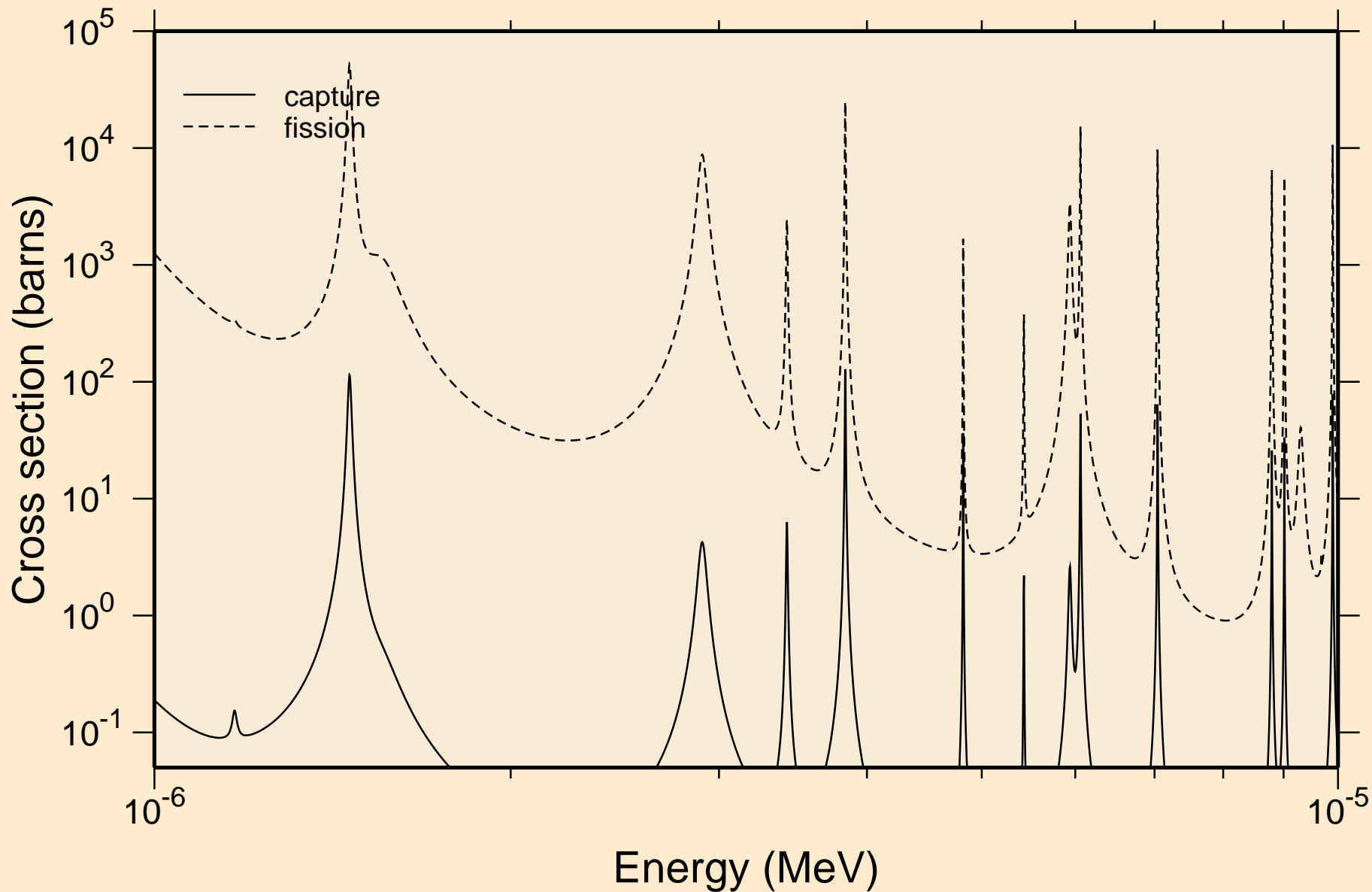
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



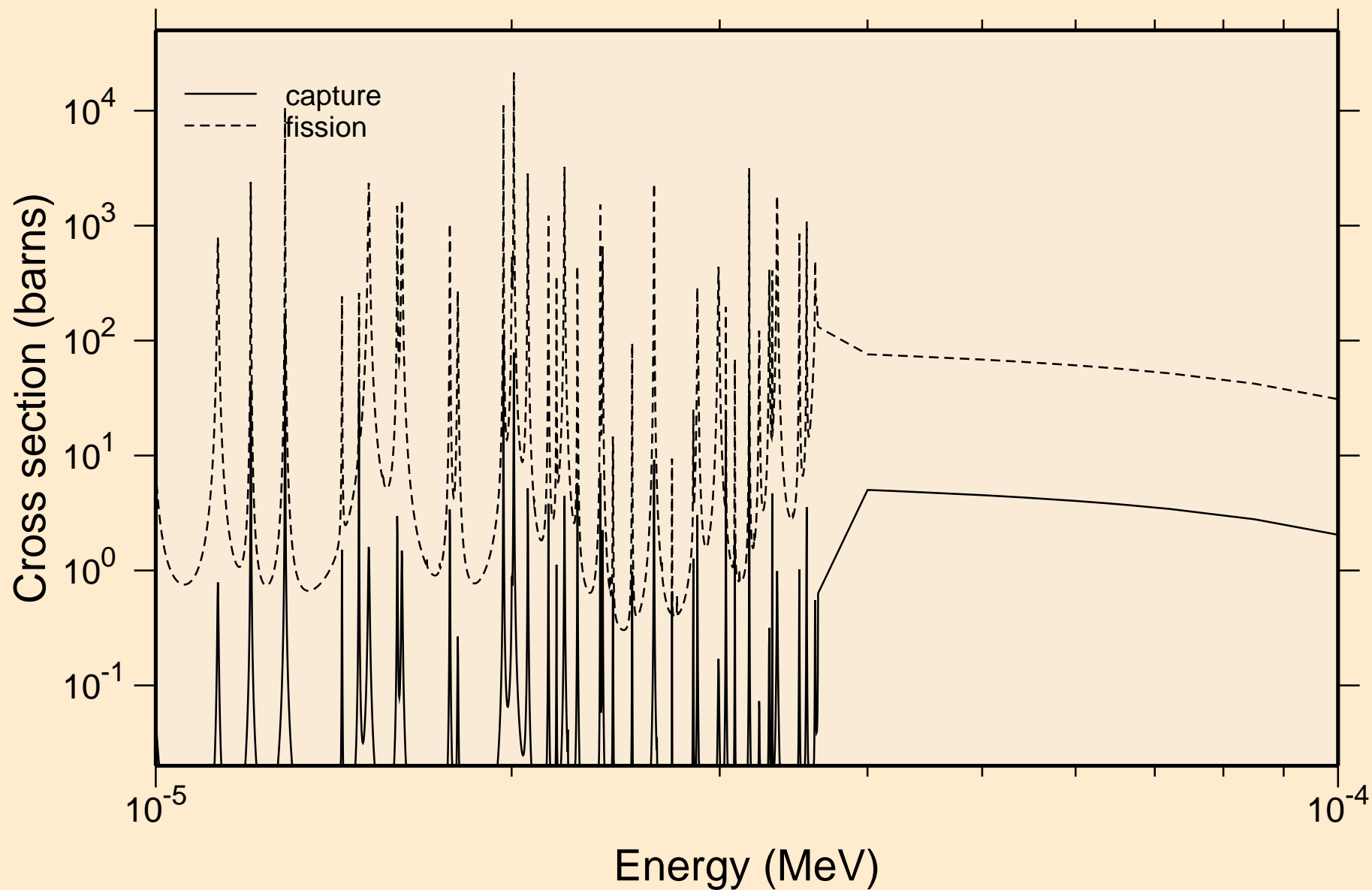
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resonance absorption cross sections



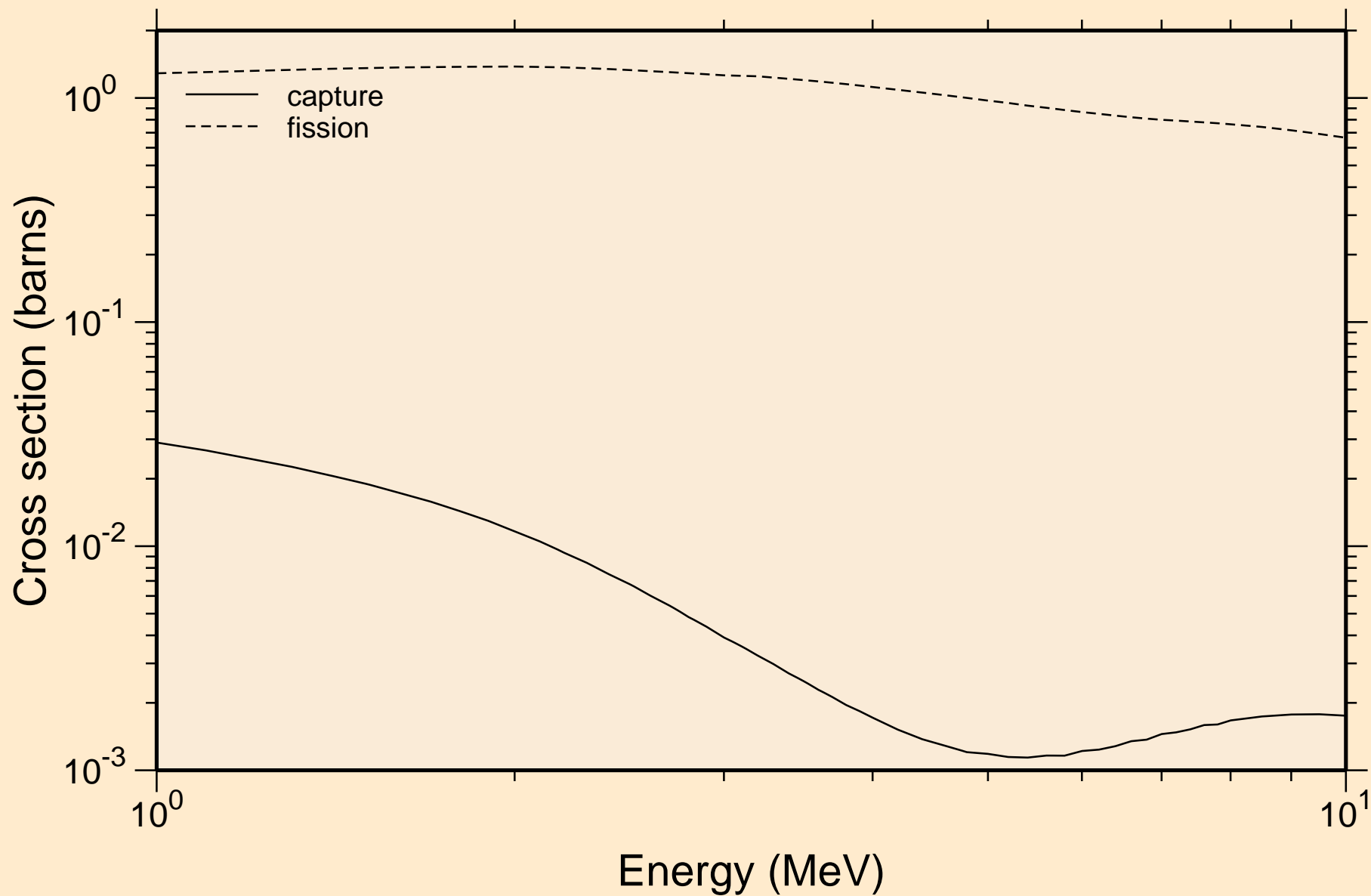
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resonance absorption cross sections



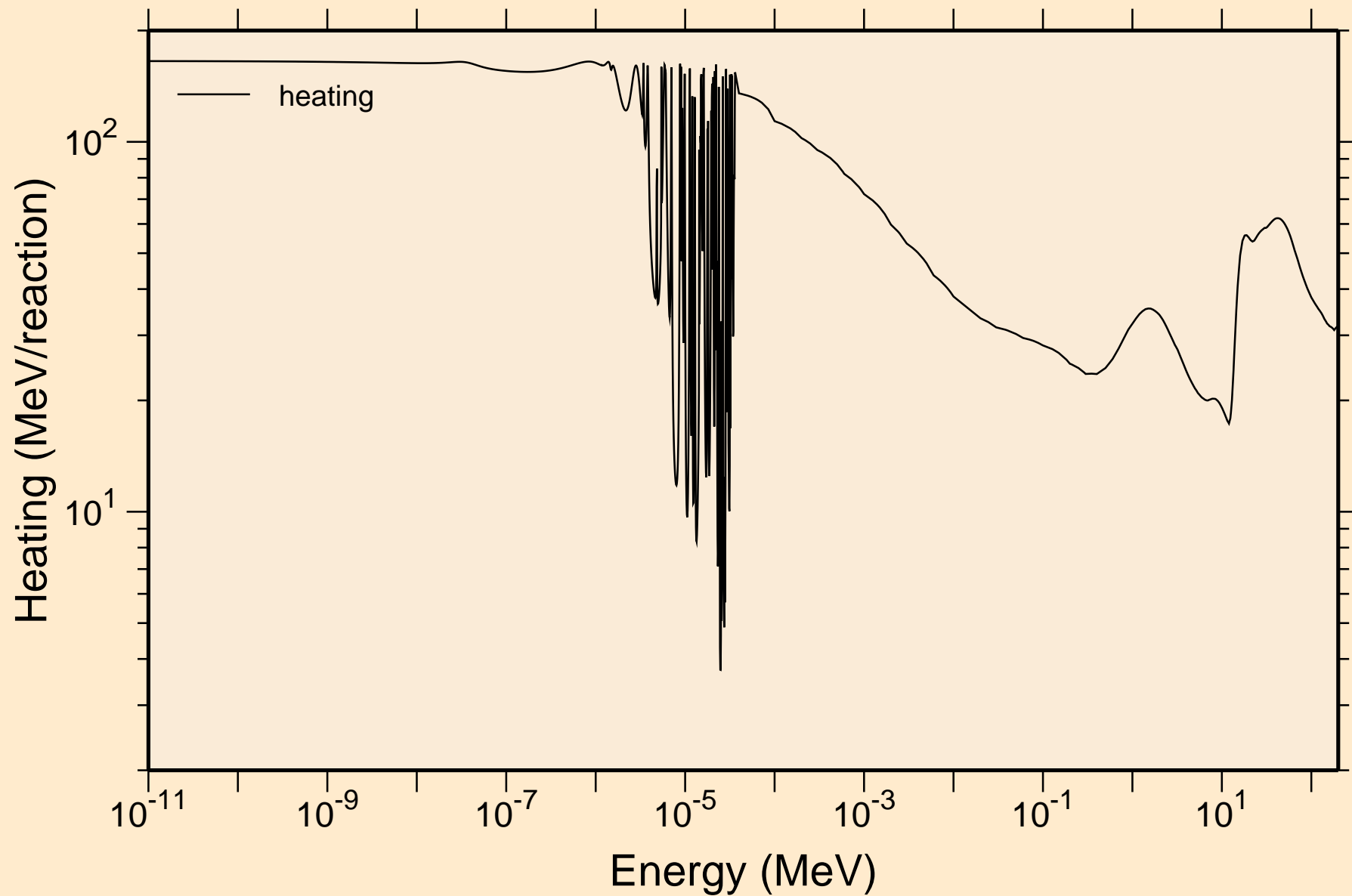
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resonance absorption cross sections



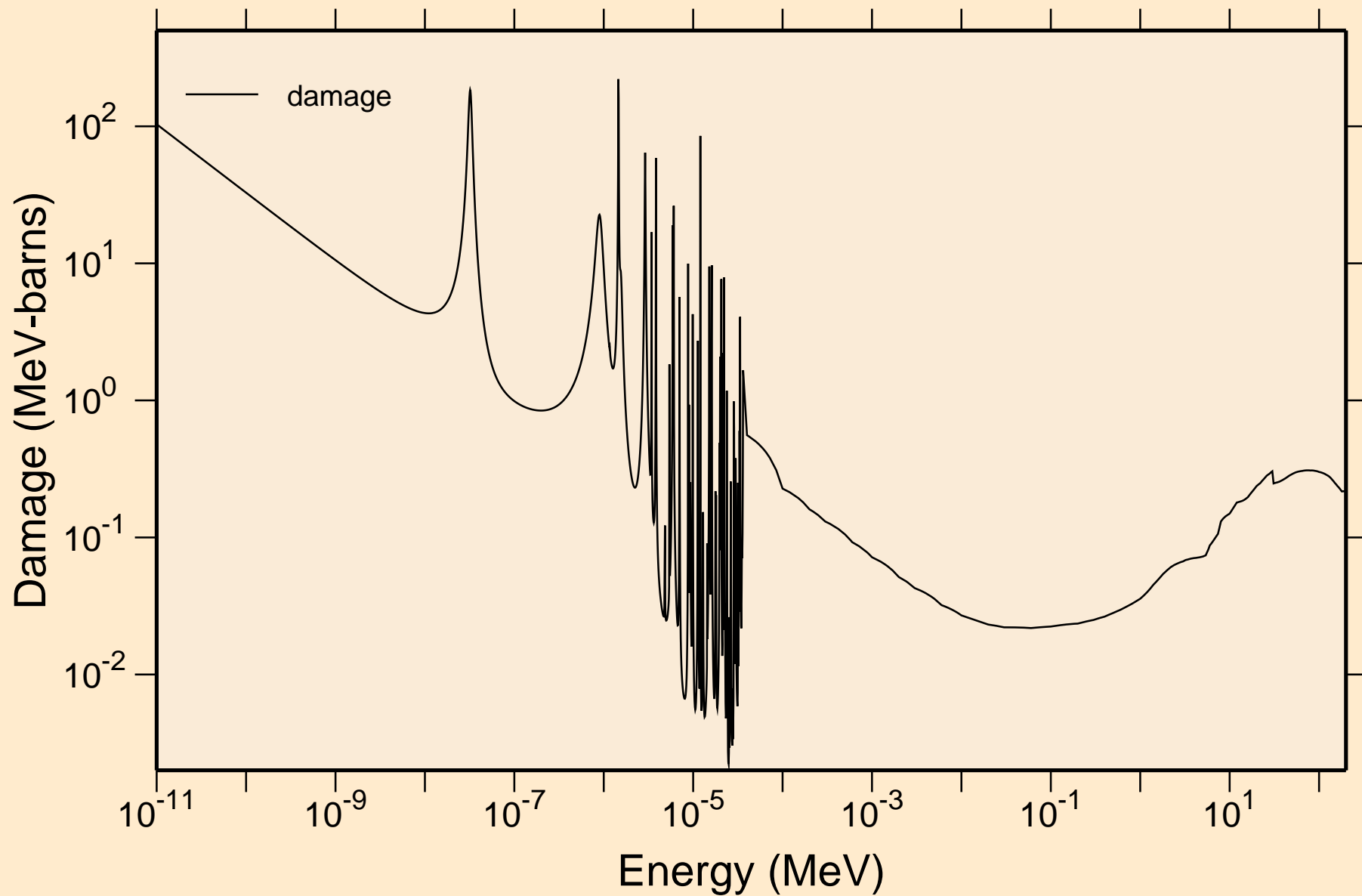
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating

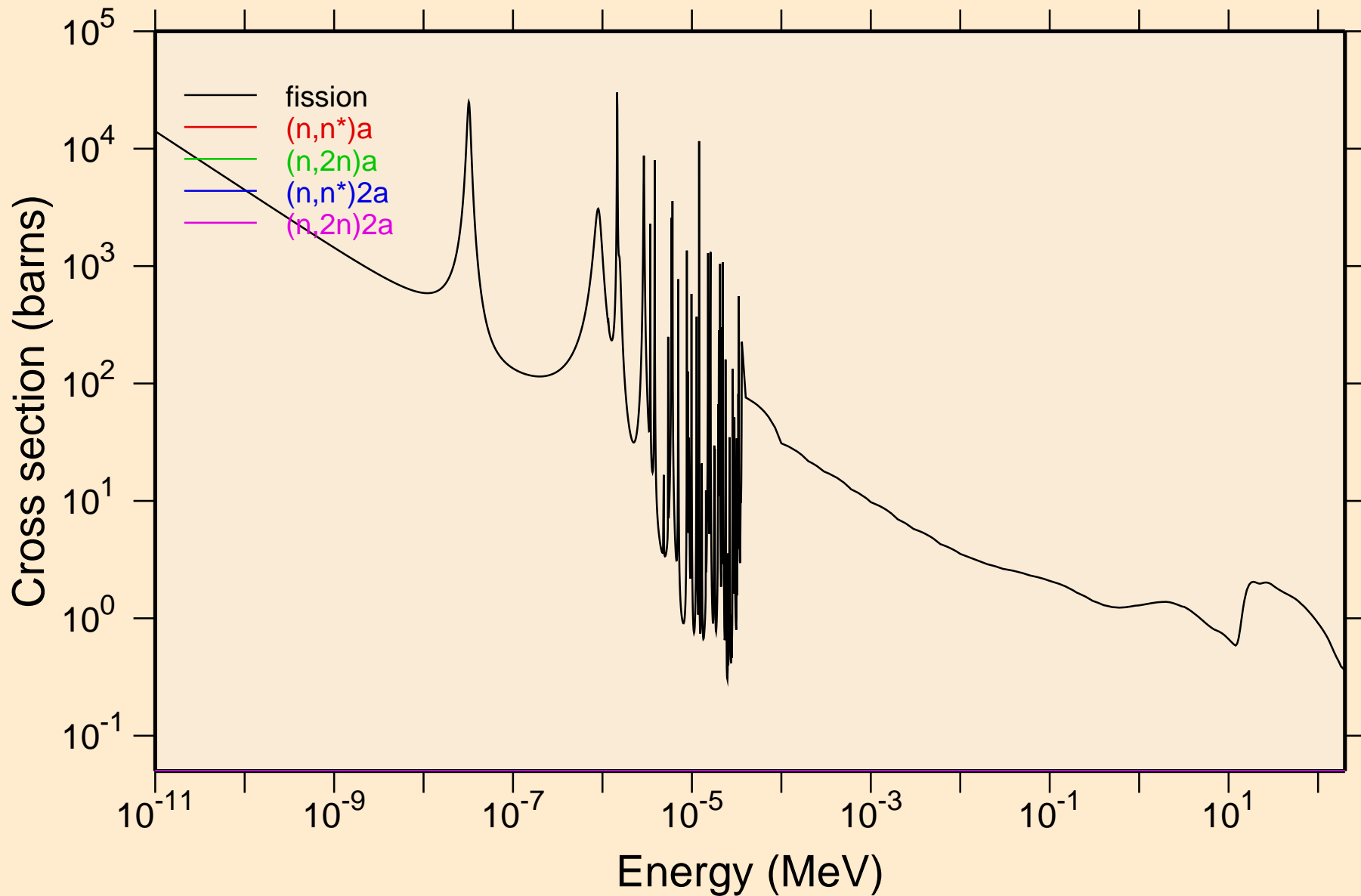


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage

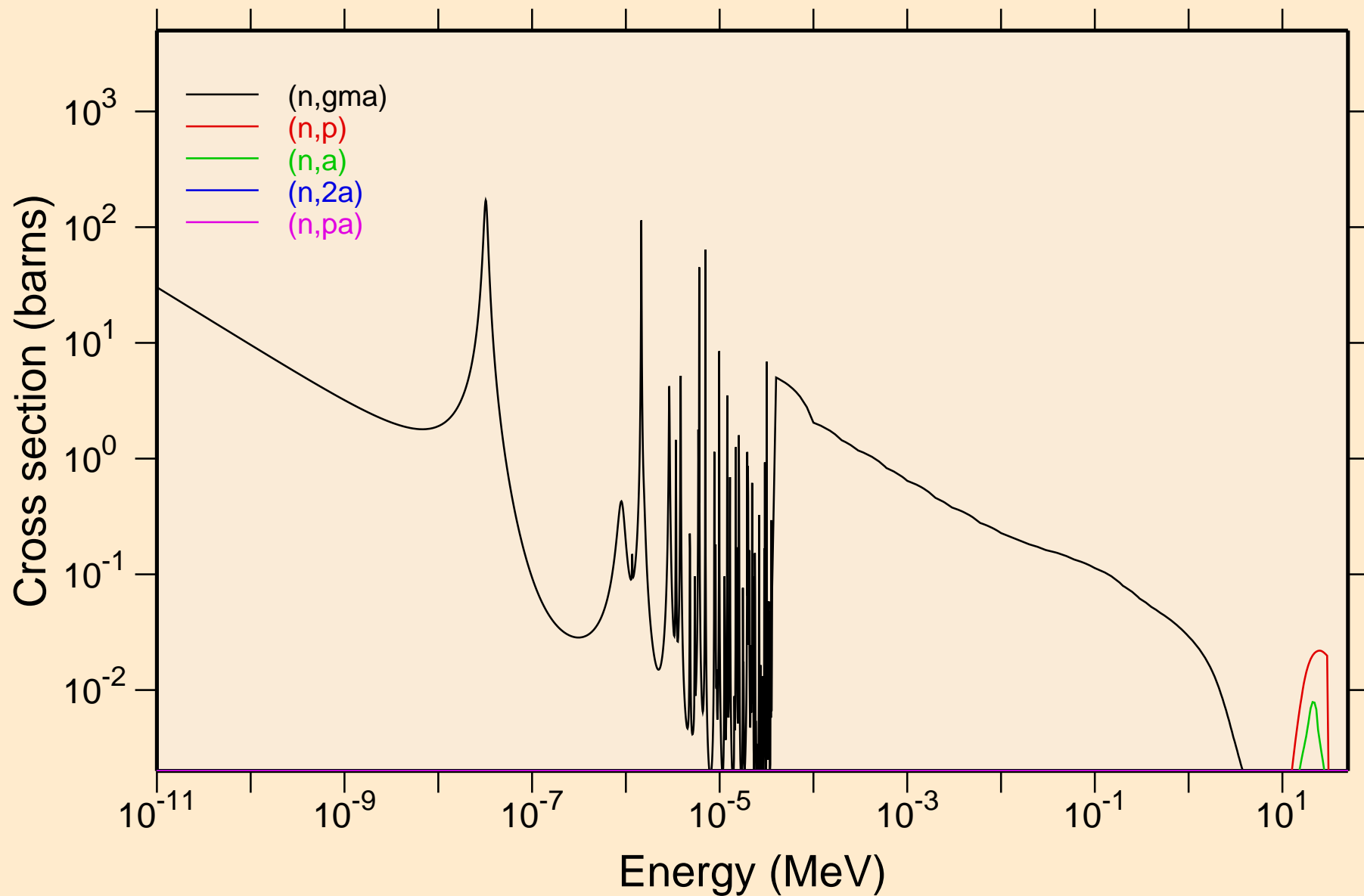


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

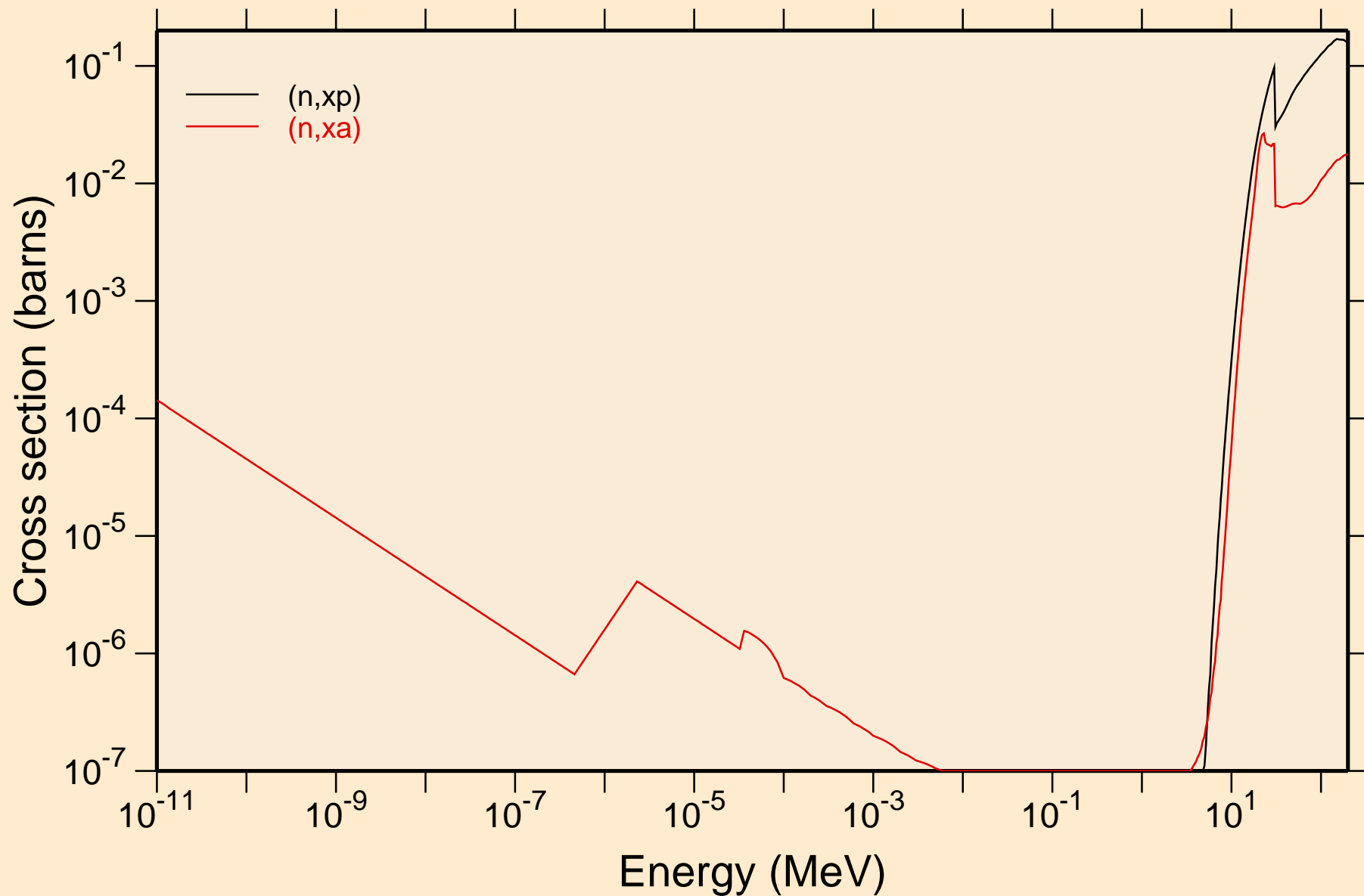
Non-threshold reactions



TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

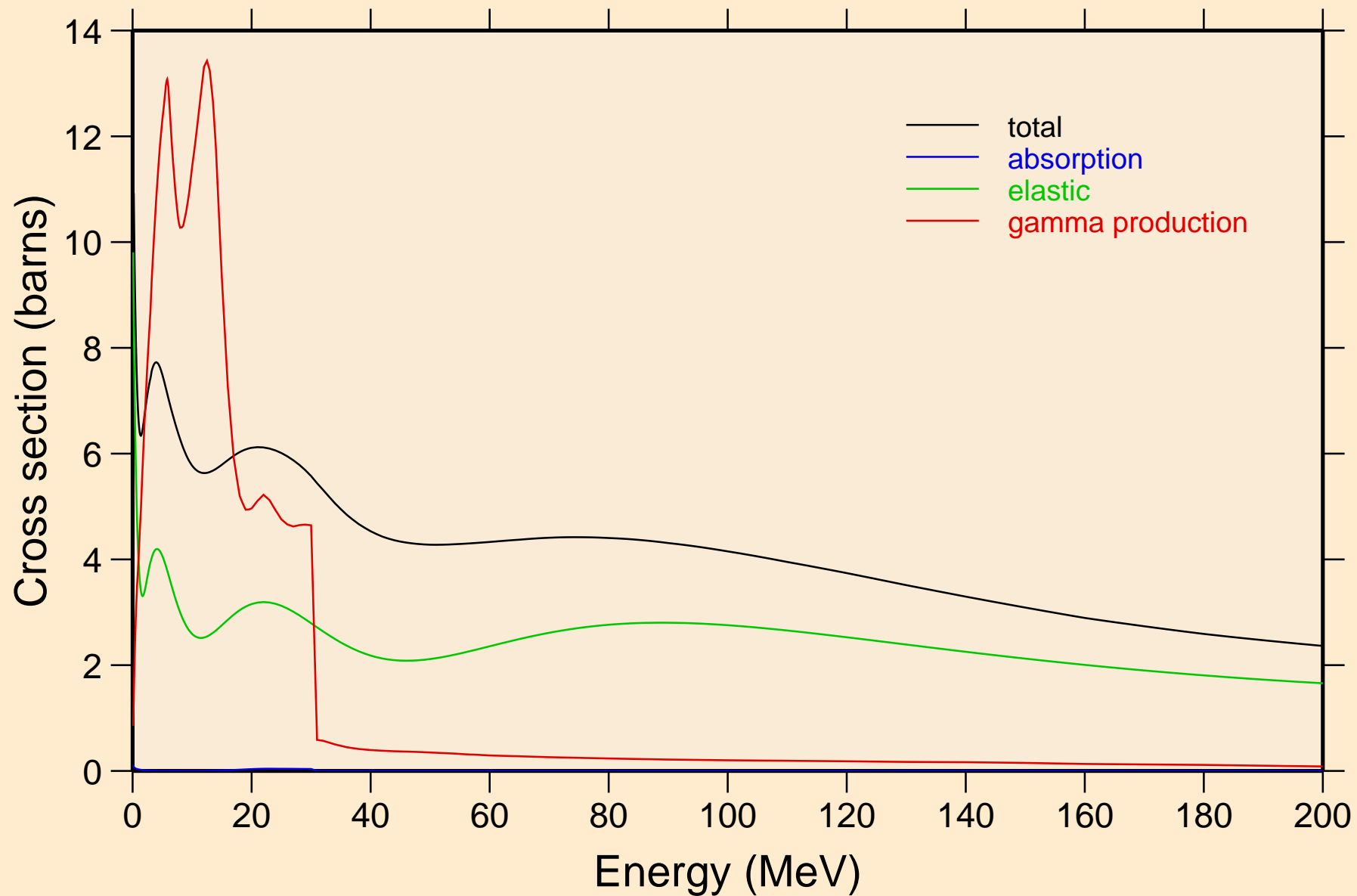


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

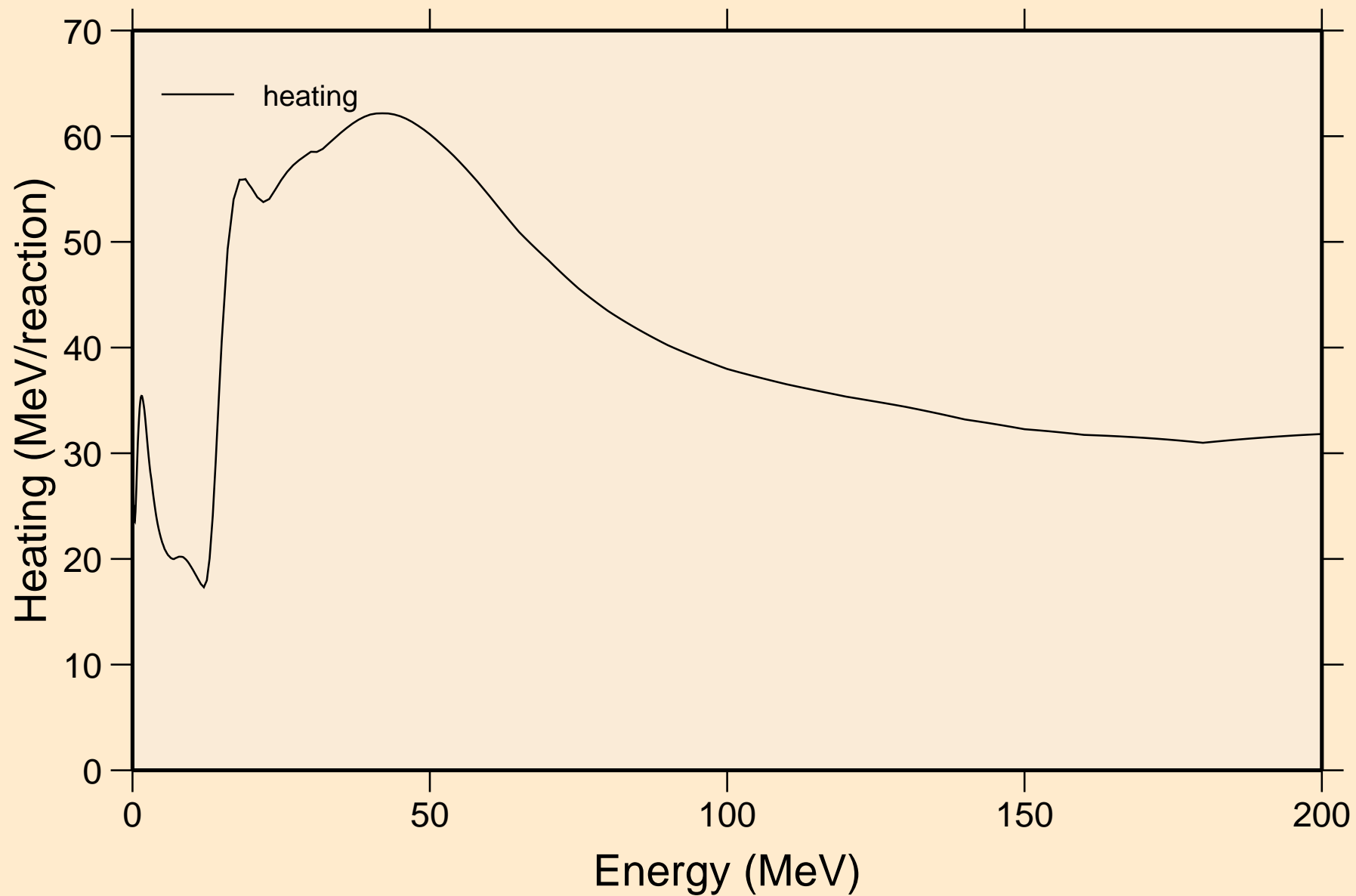


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

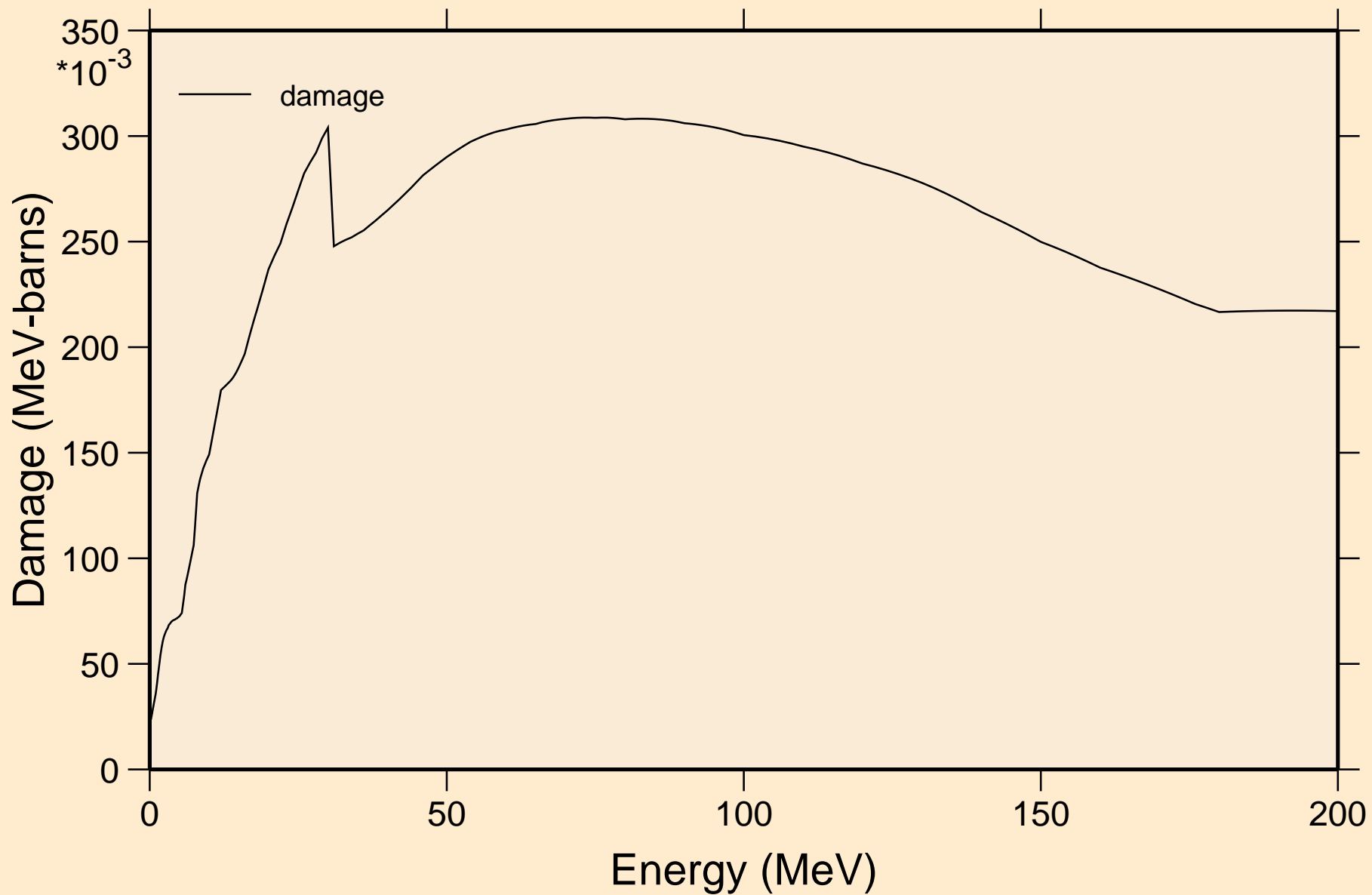
Principal cross sections



TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating

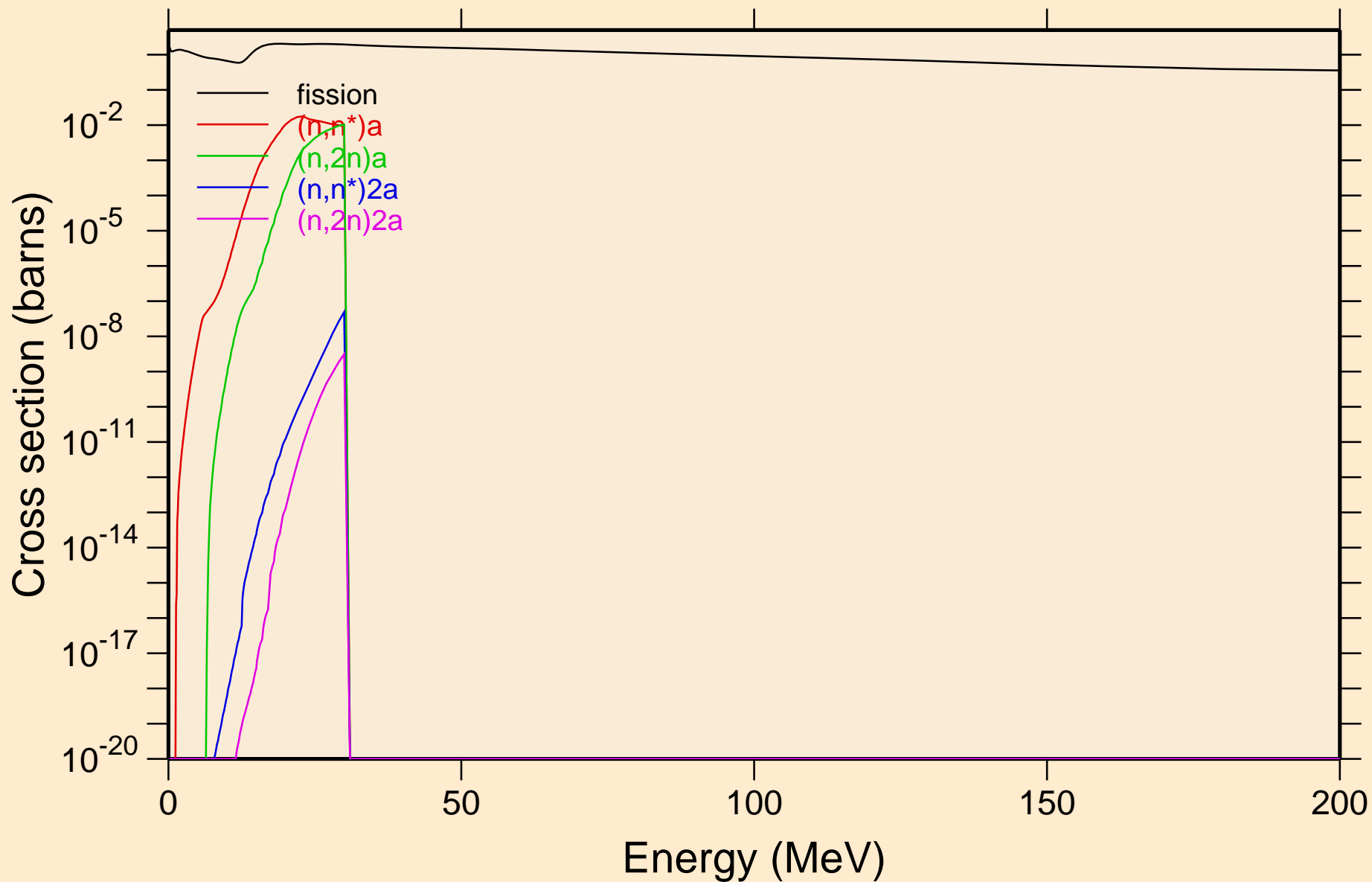


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage

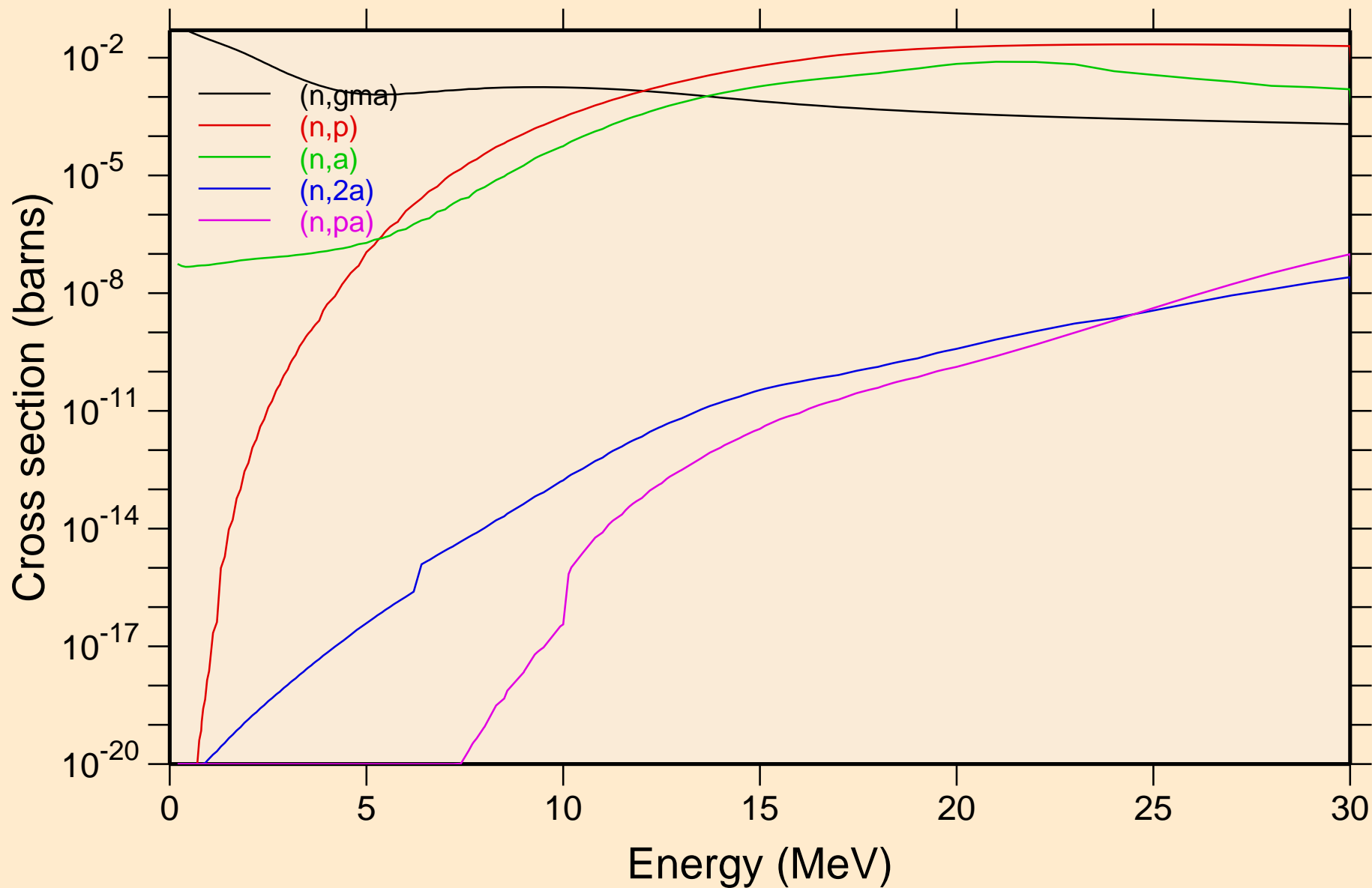


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

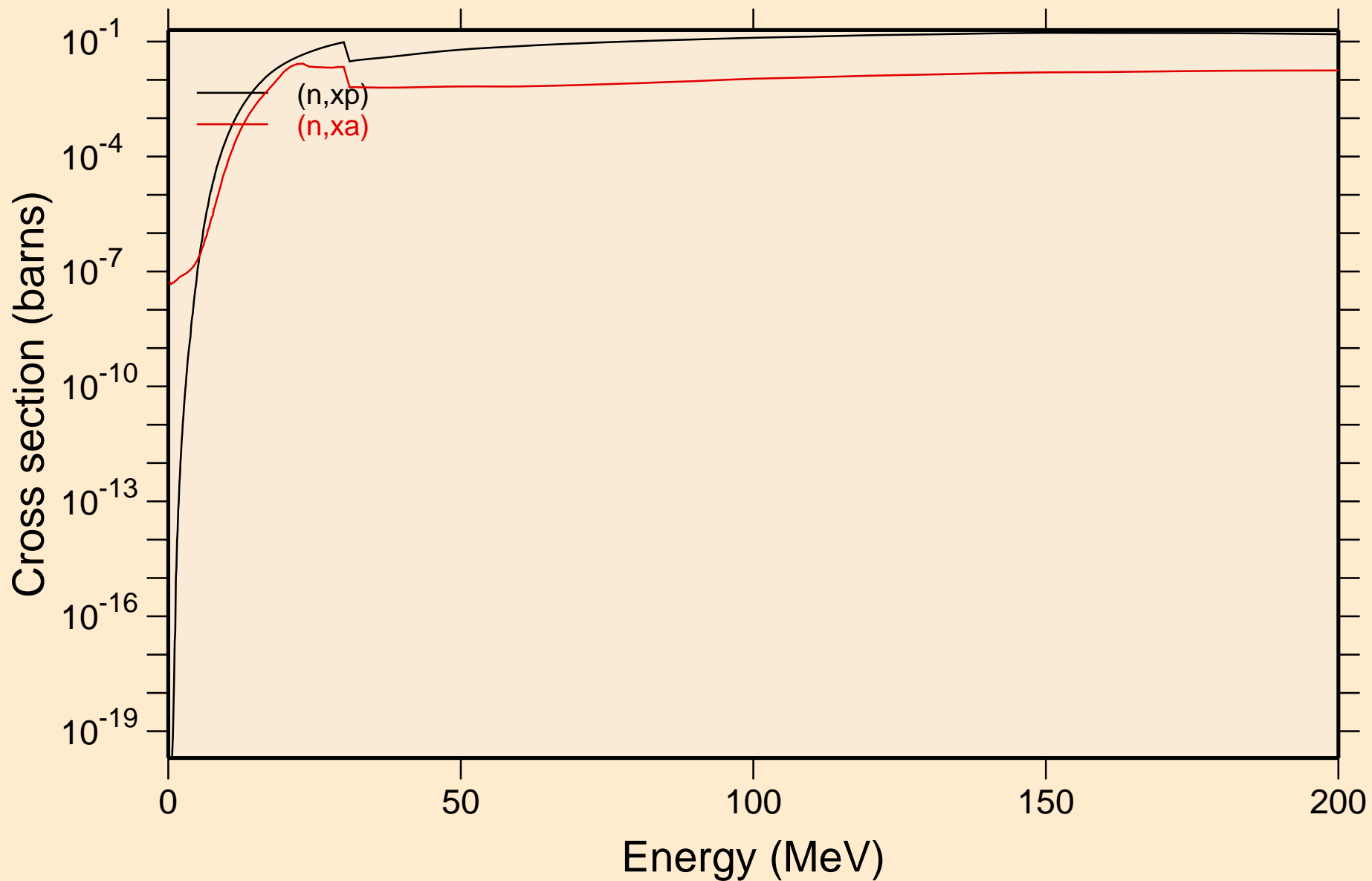
Non-threshold reactions



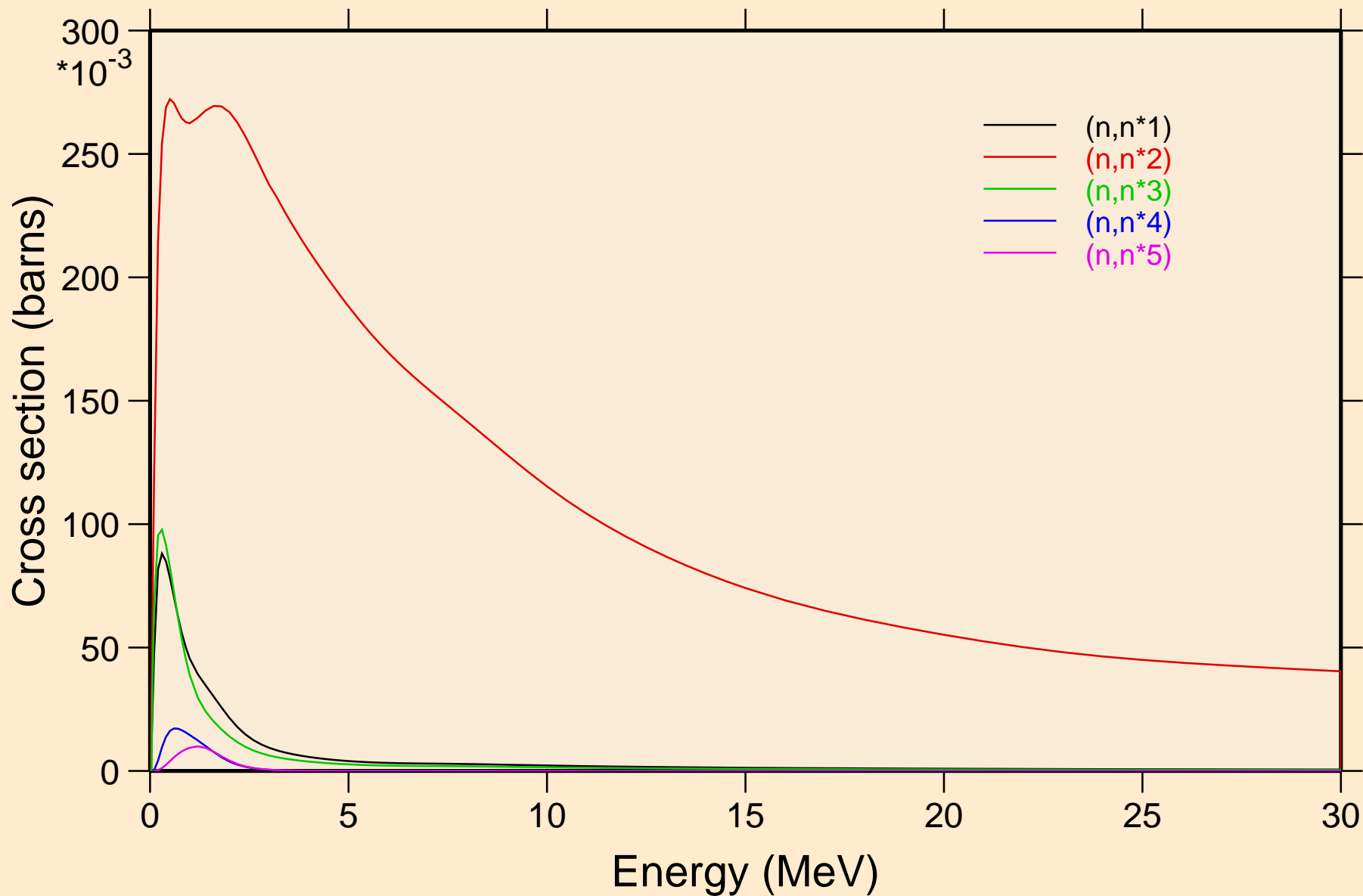
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



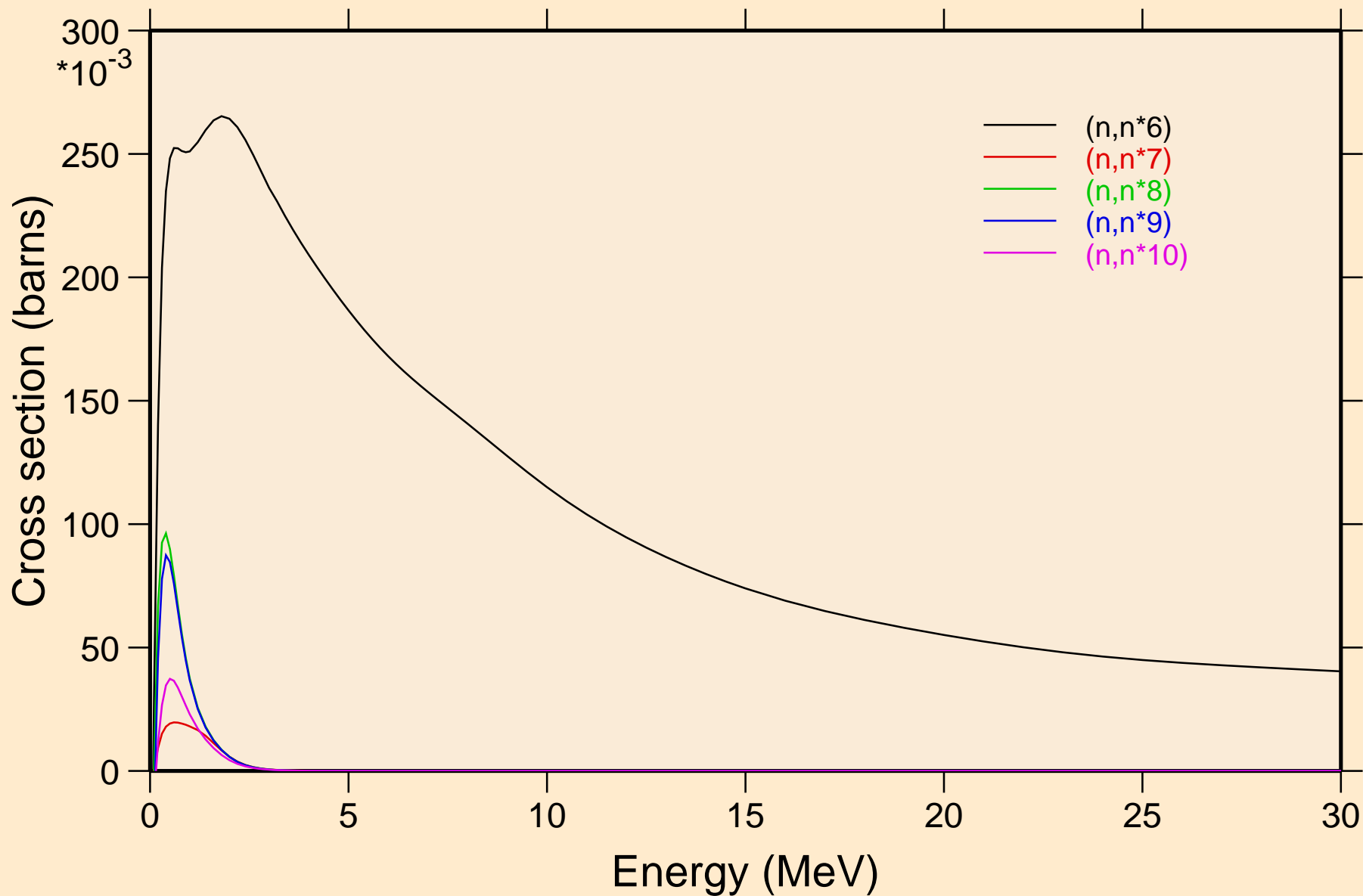
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

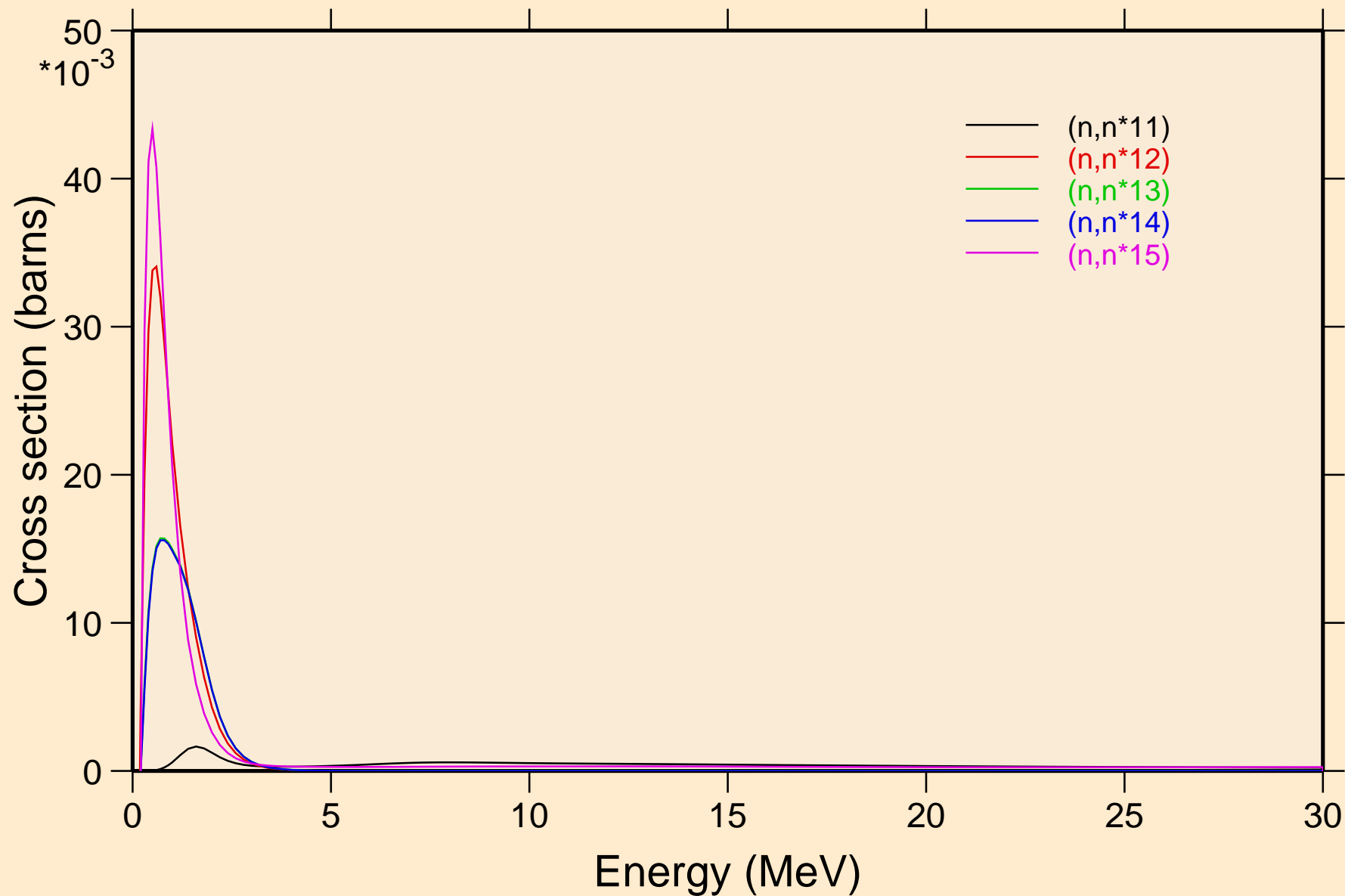


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

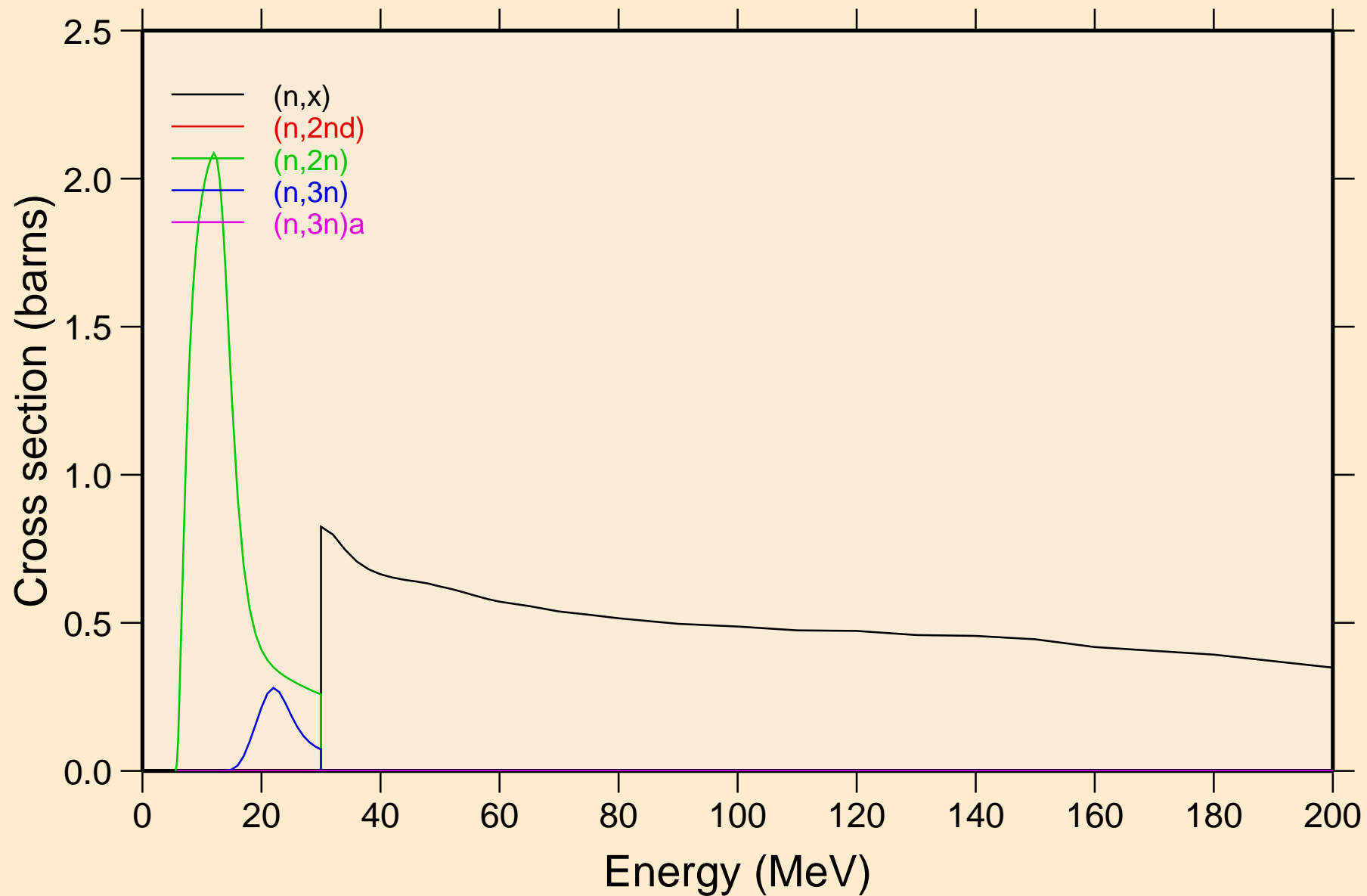


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

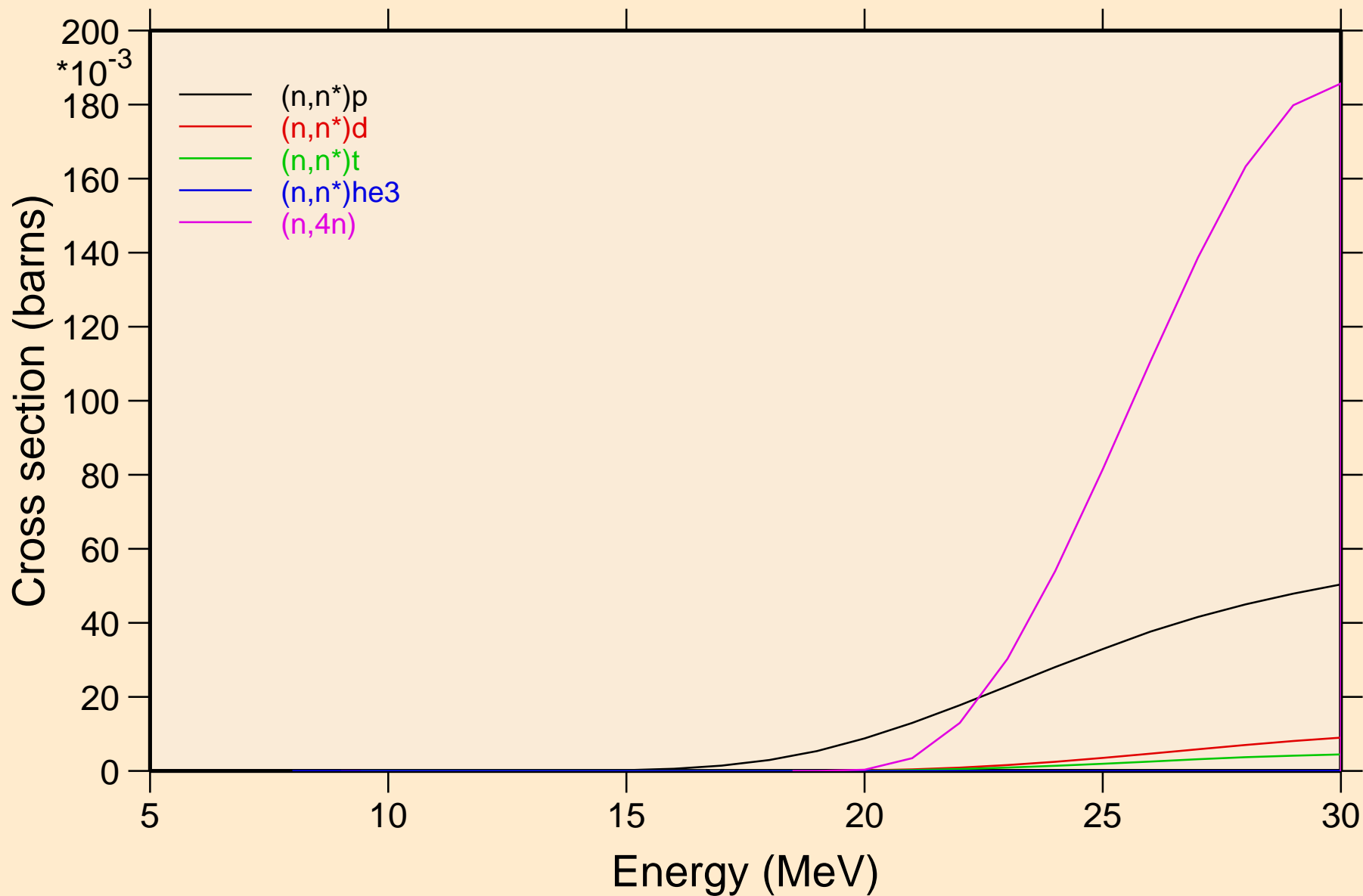


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

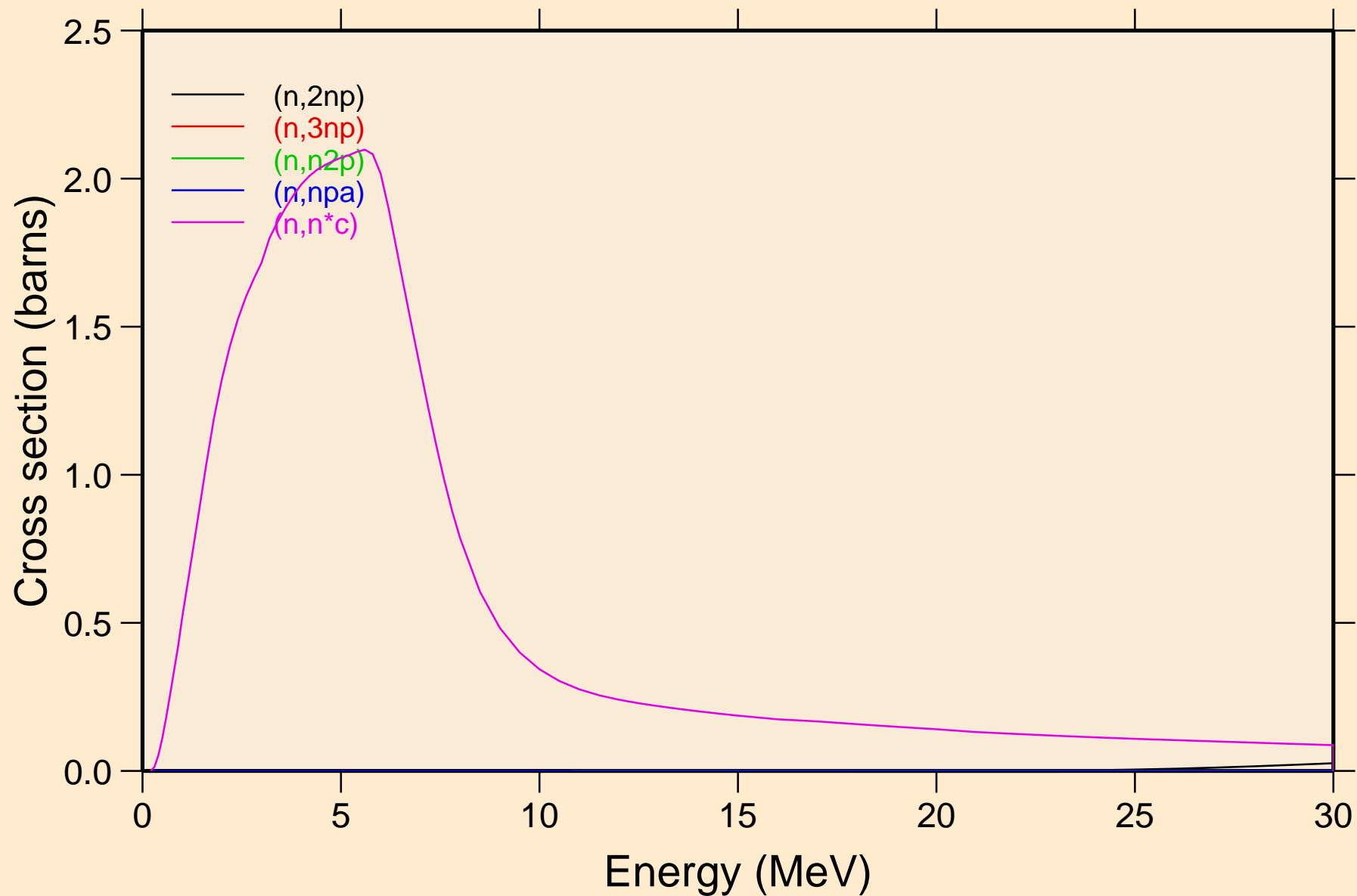


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

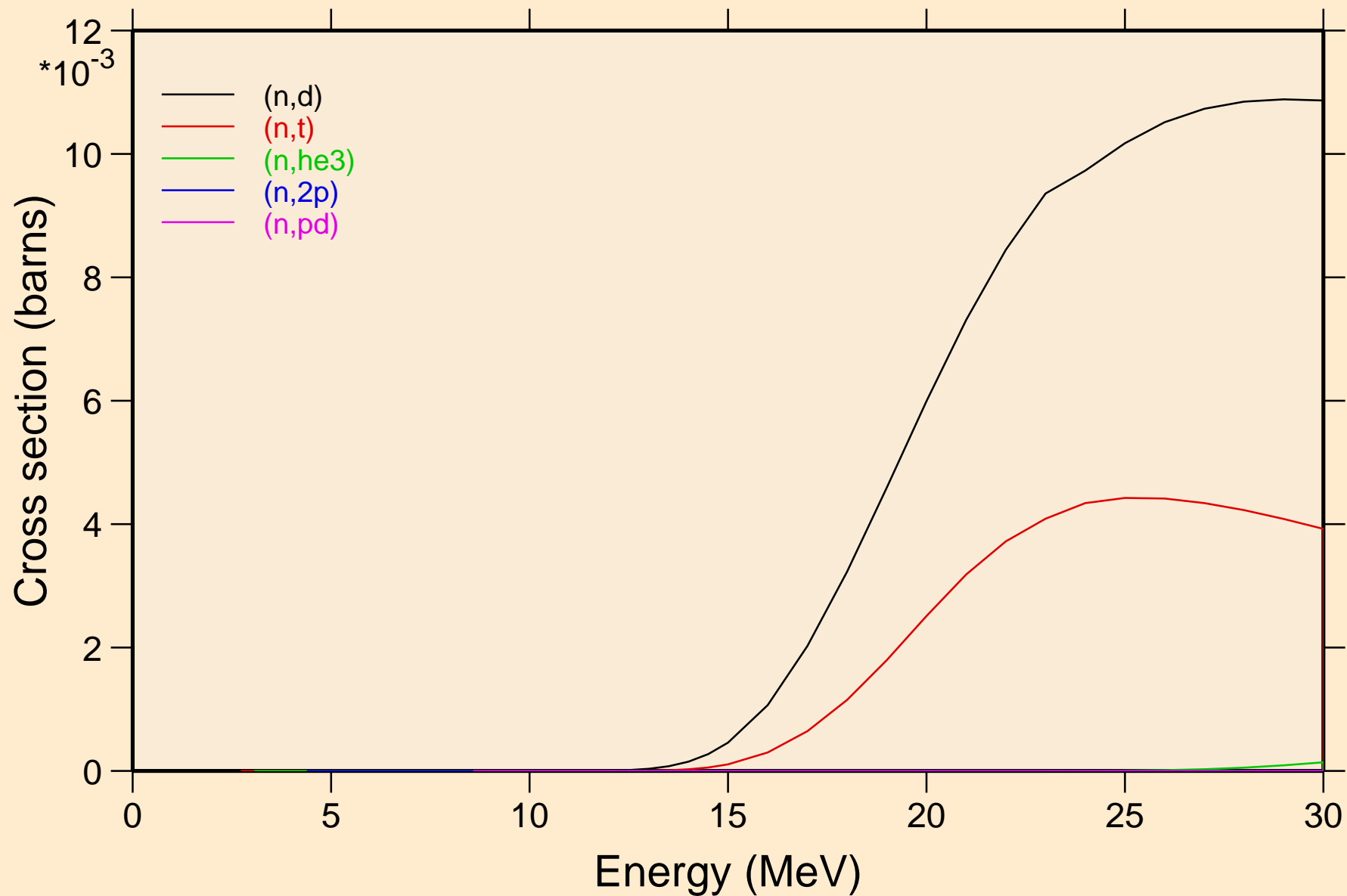
Threshold reactions



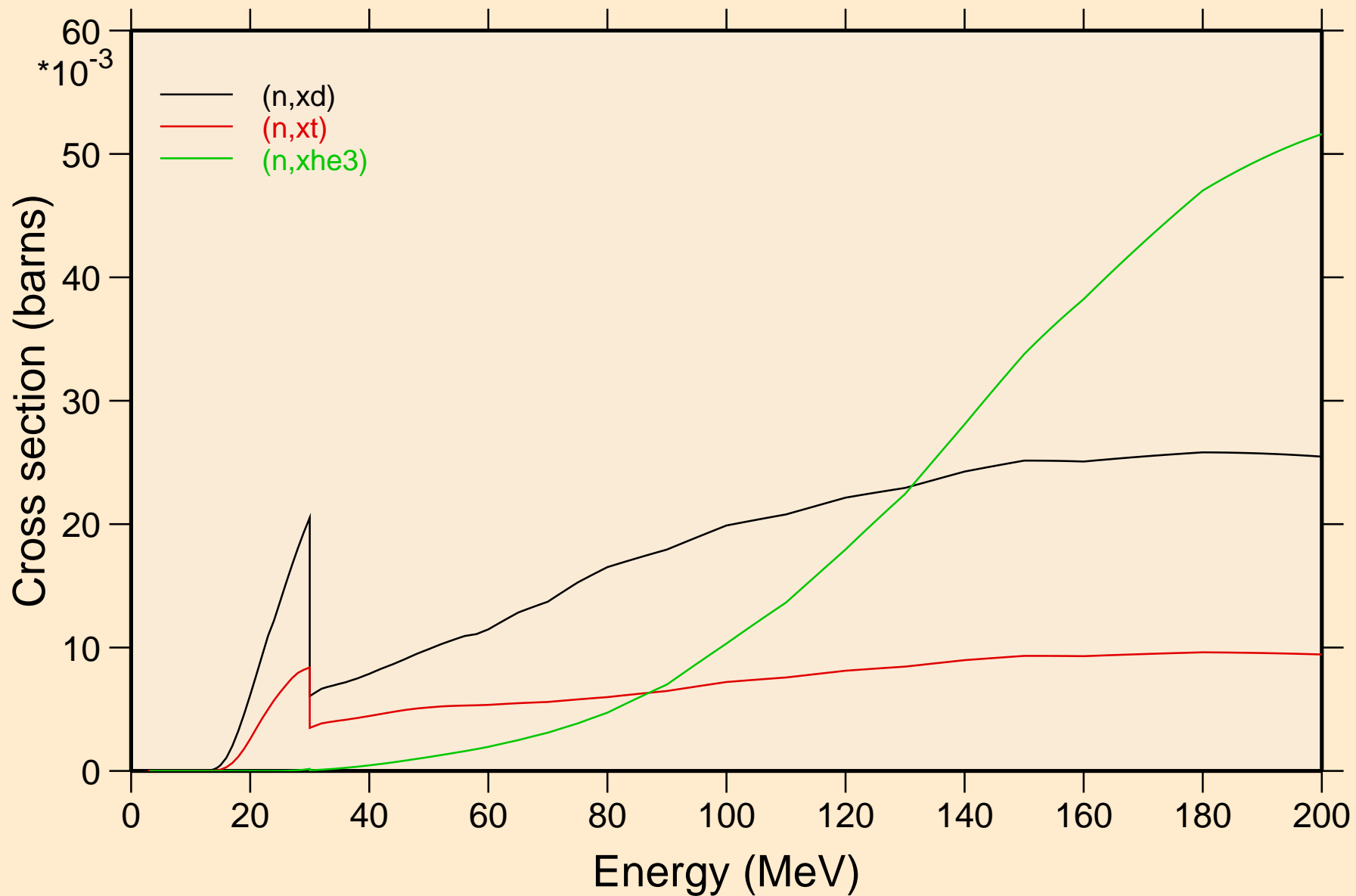
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



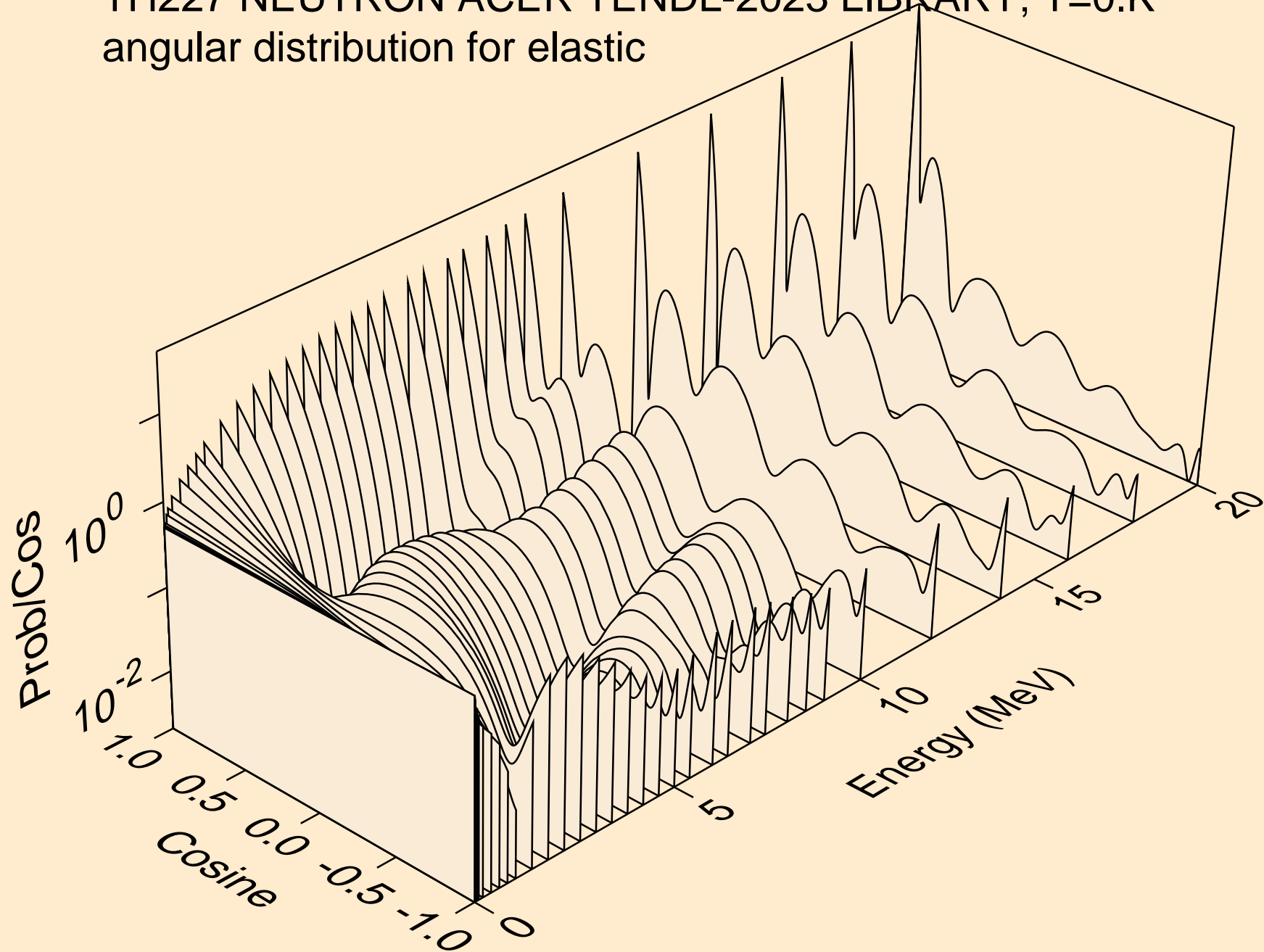
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



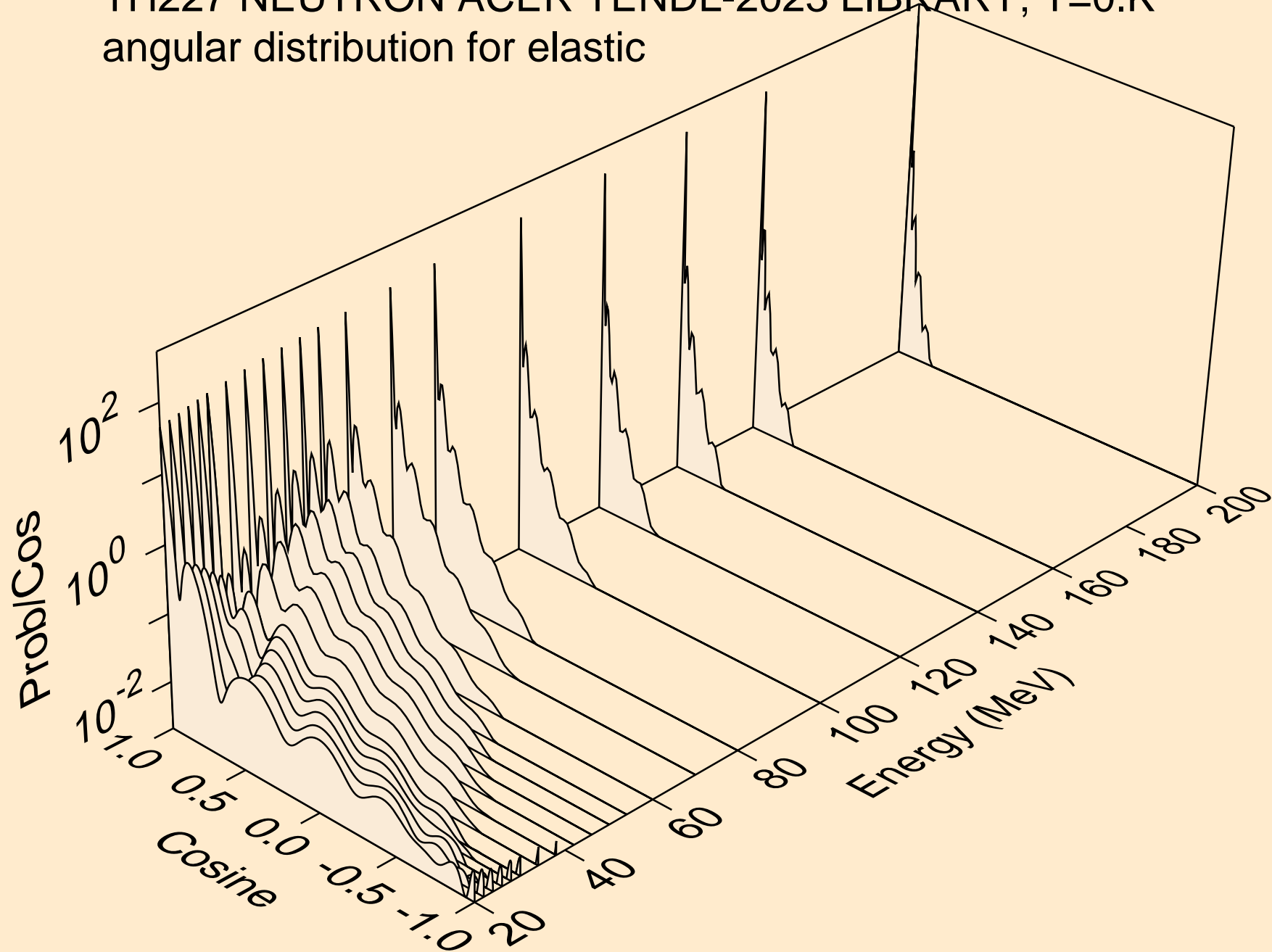
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



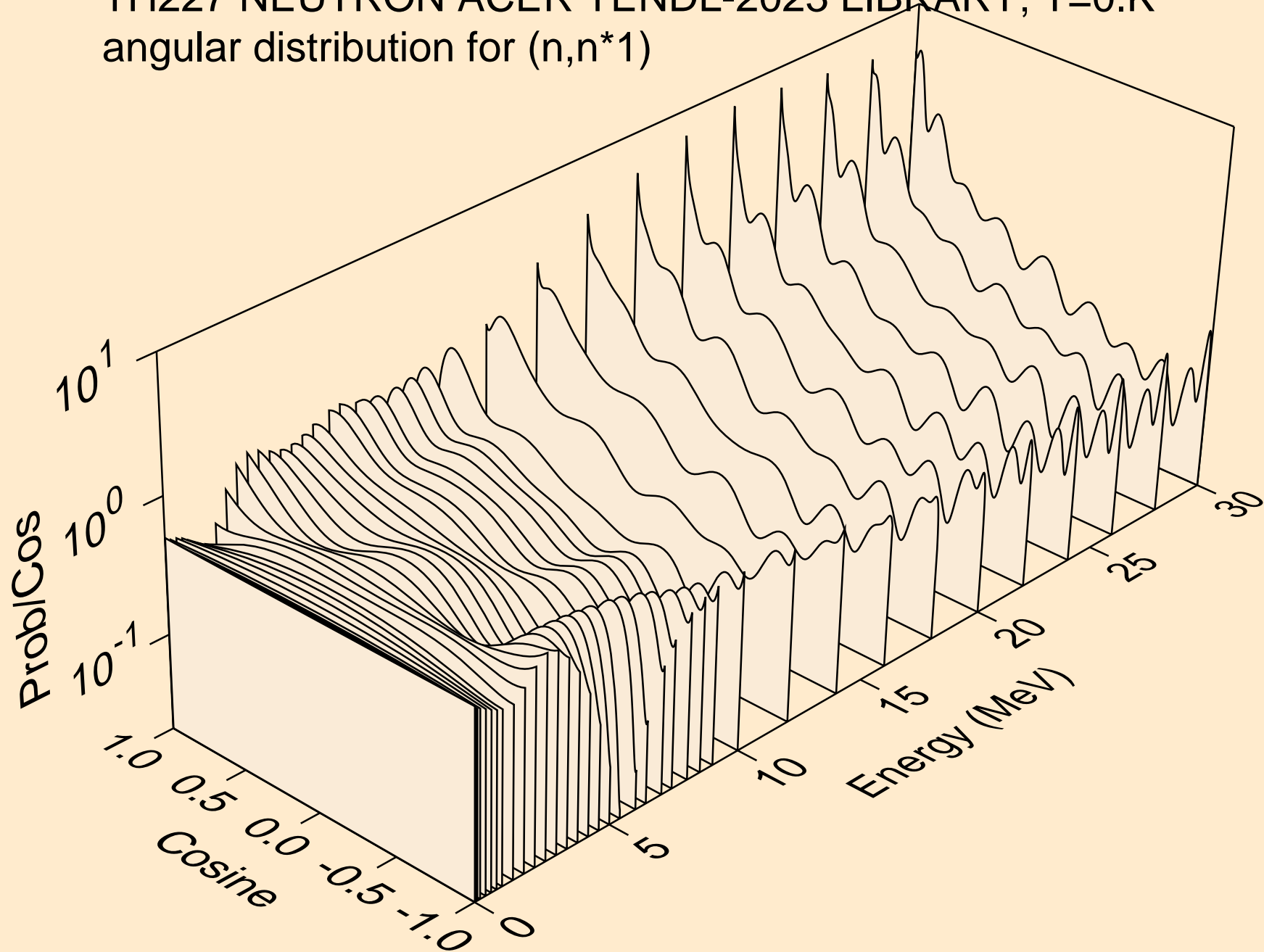
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



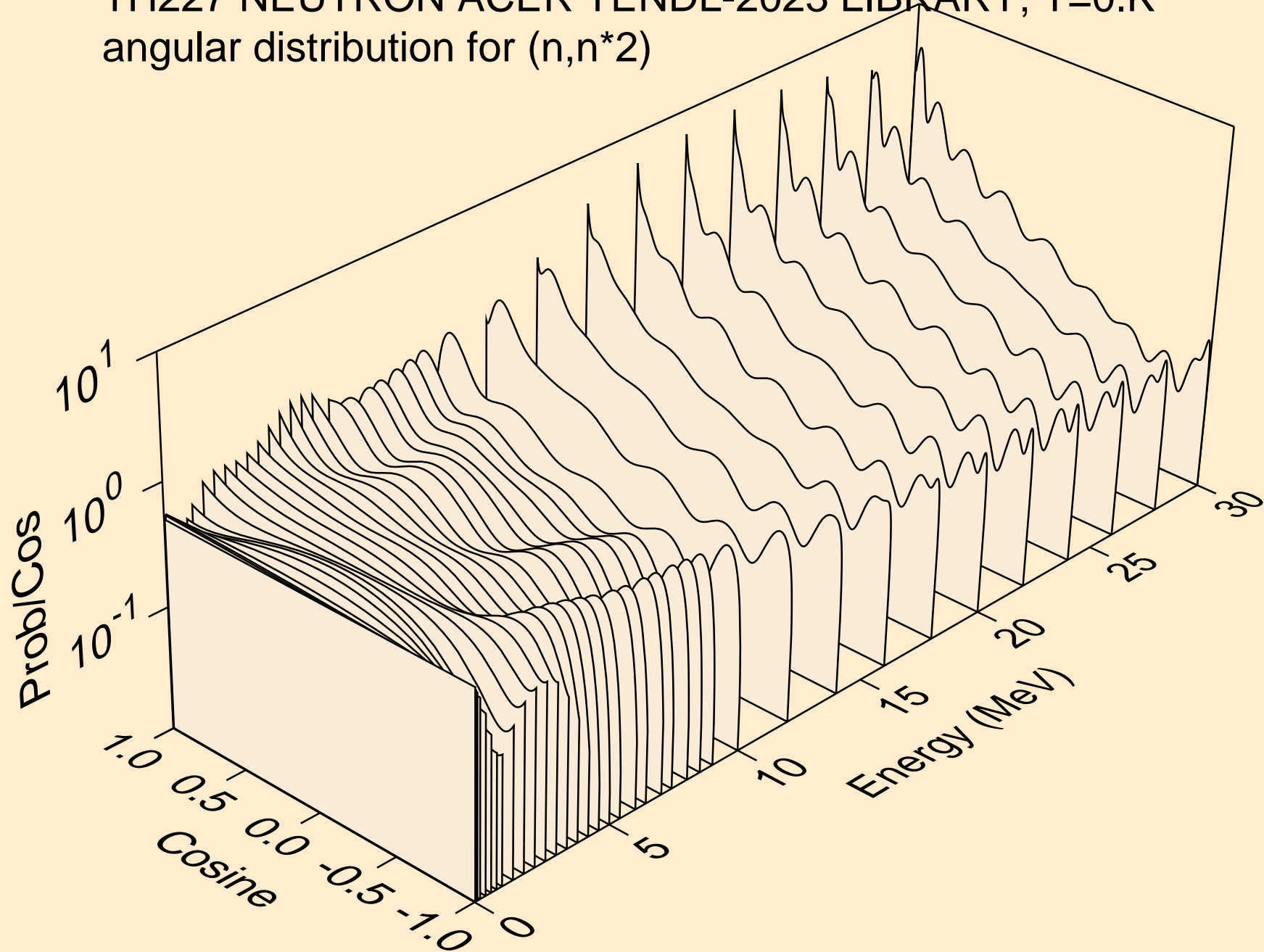
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angular distribution for elastic



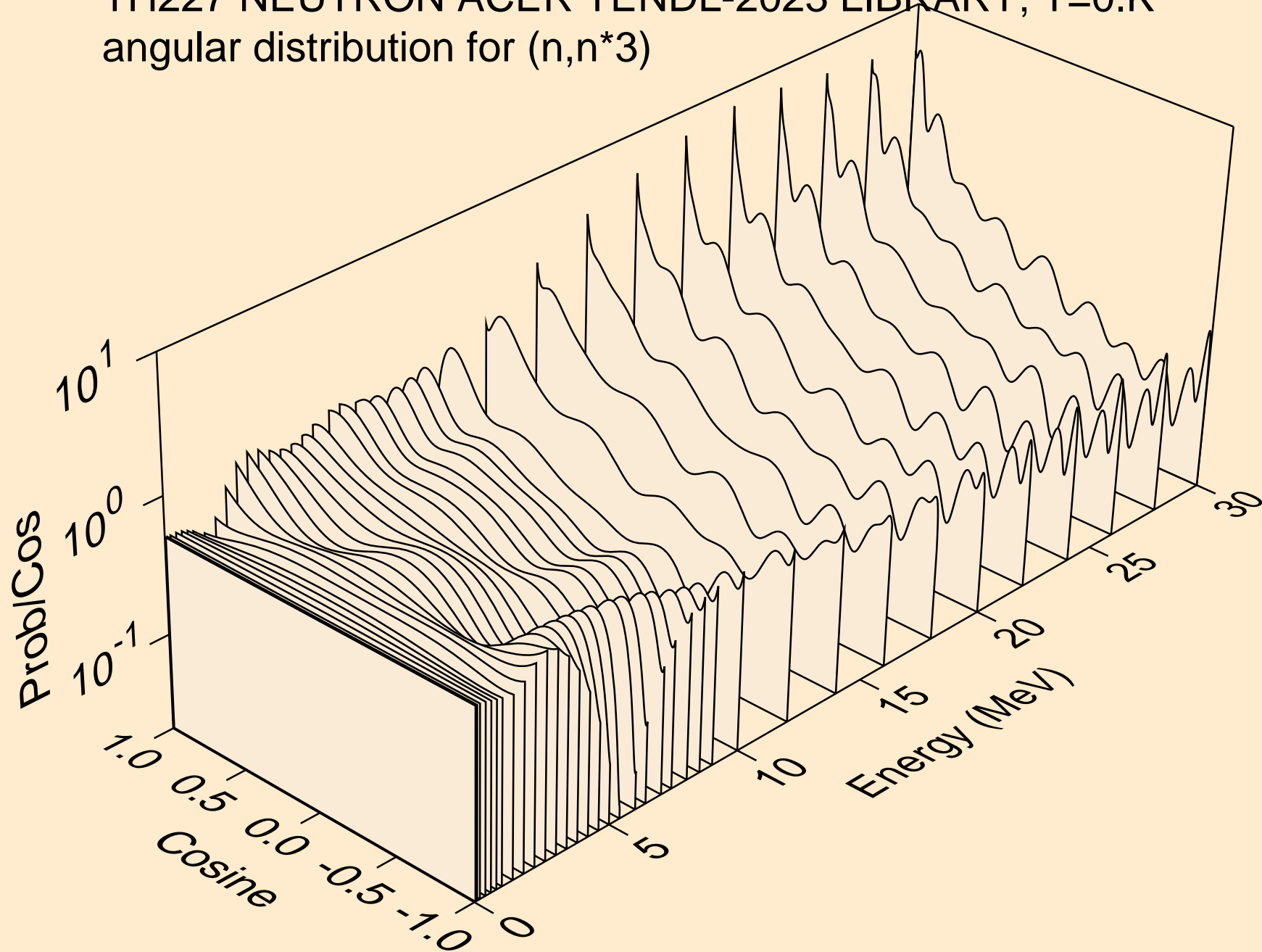
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



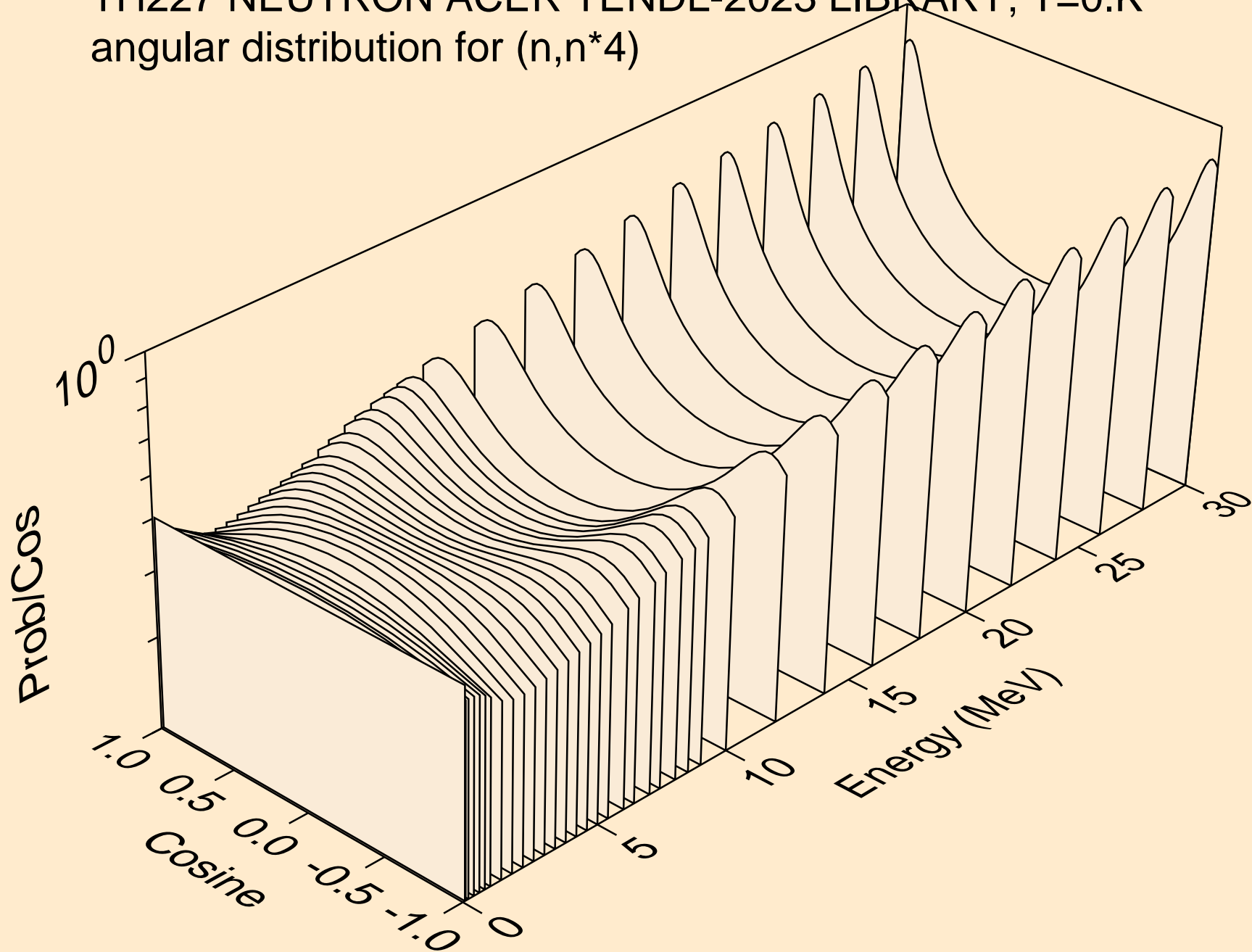
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



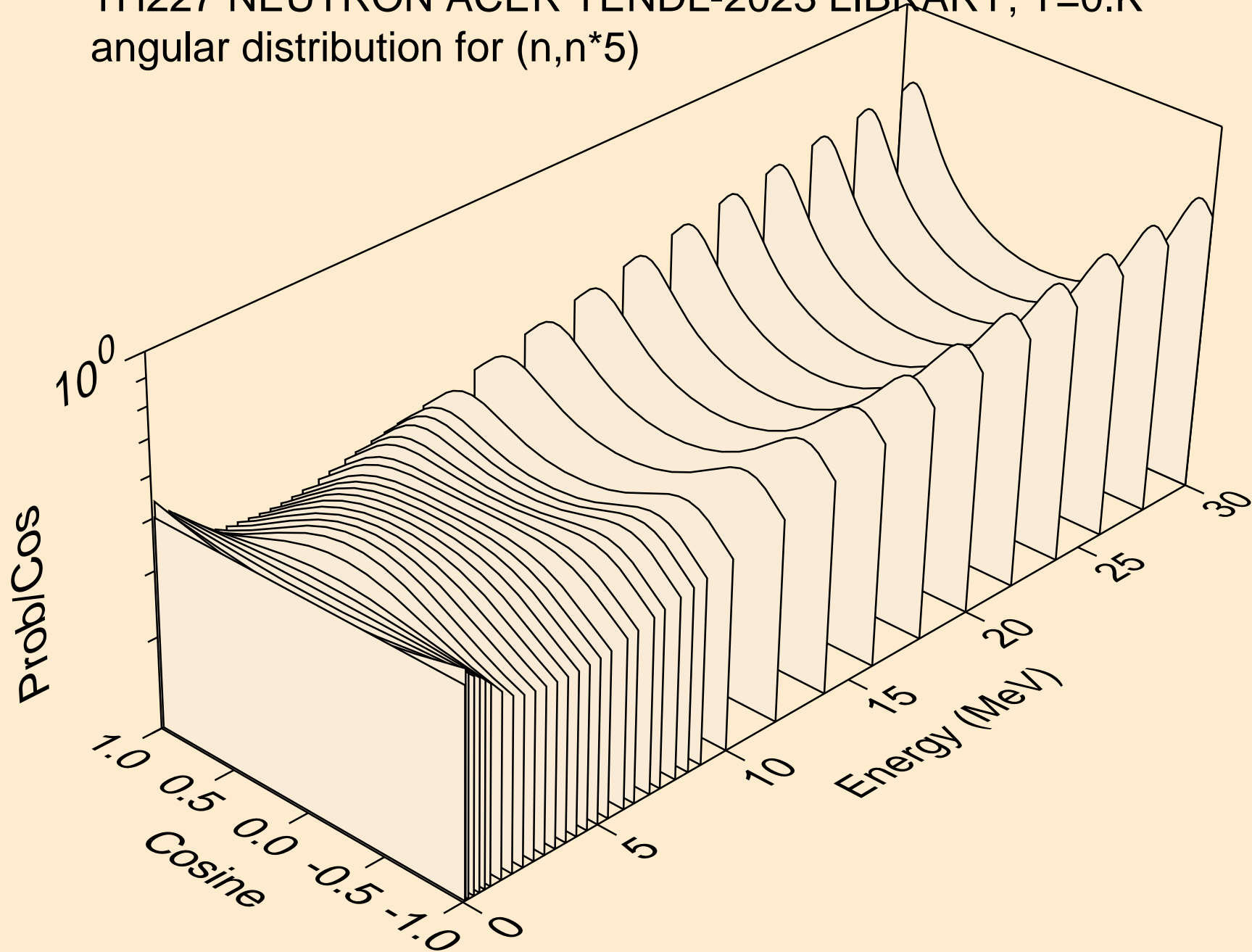
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angular distribution for (n,n*3)



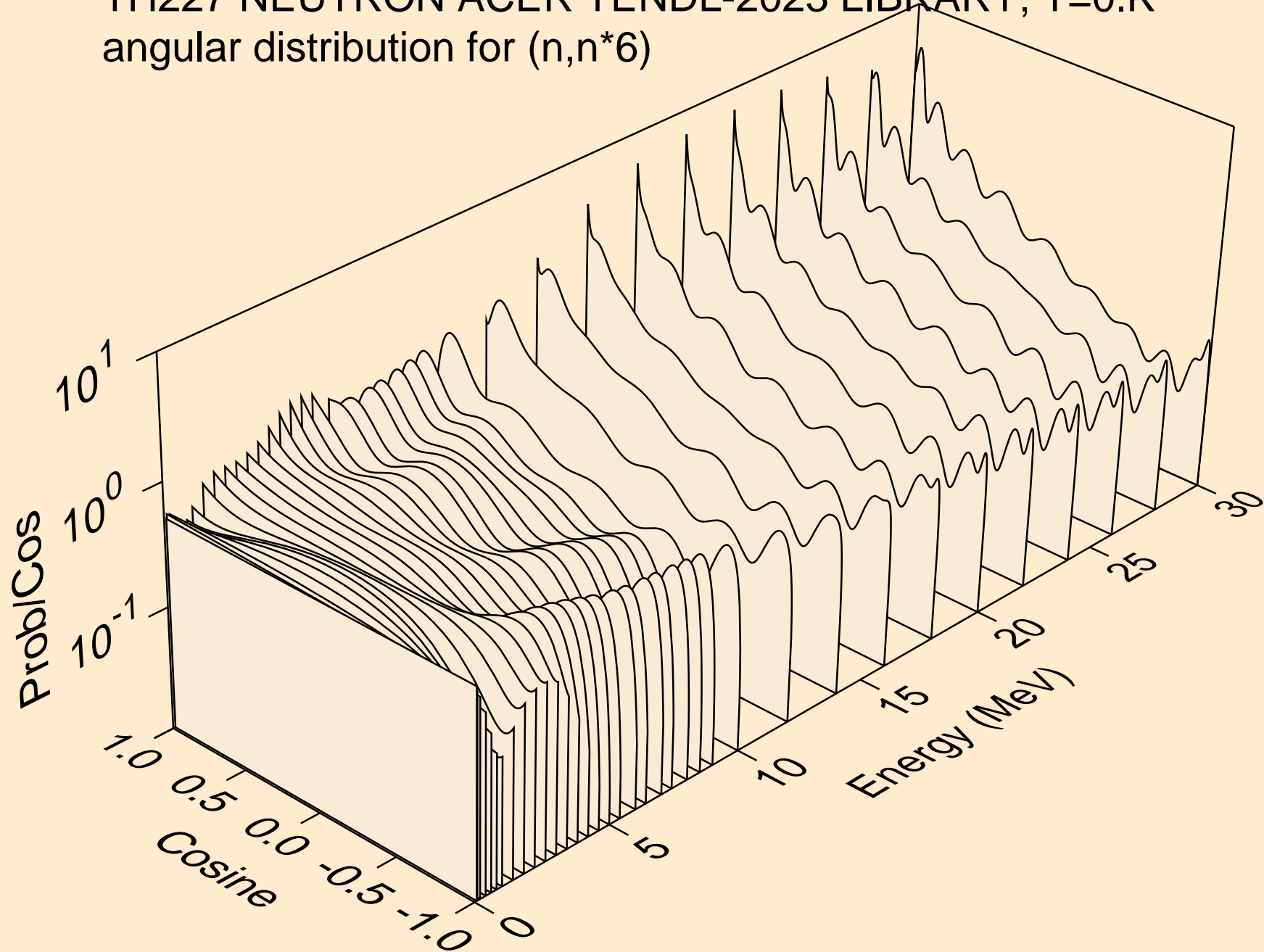
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angular distribution for (n,n*4)



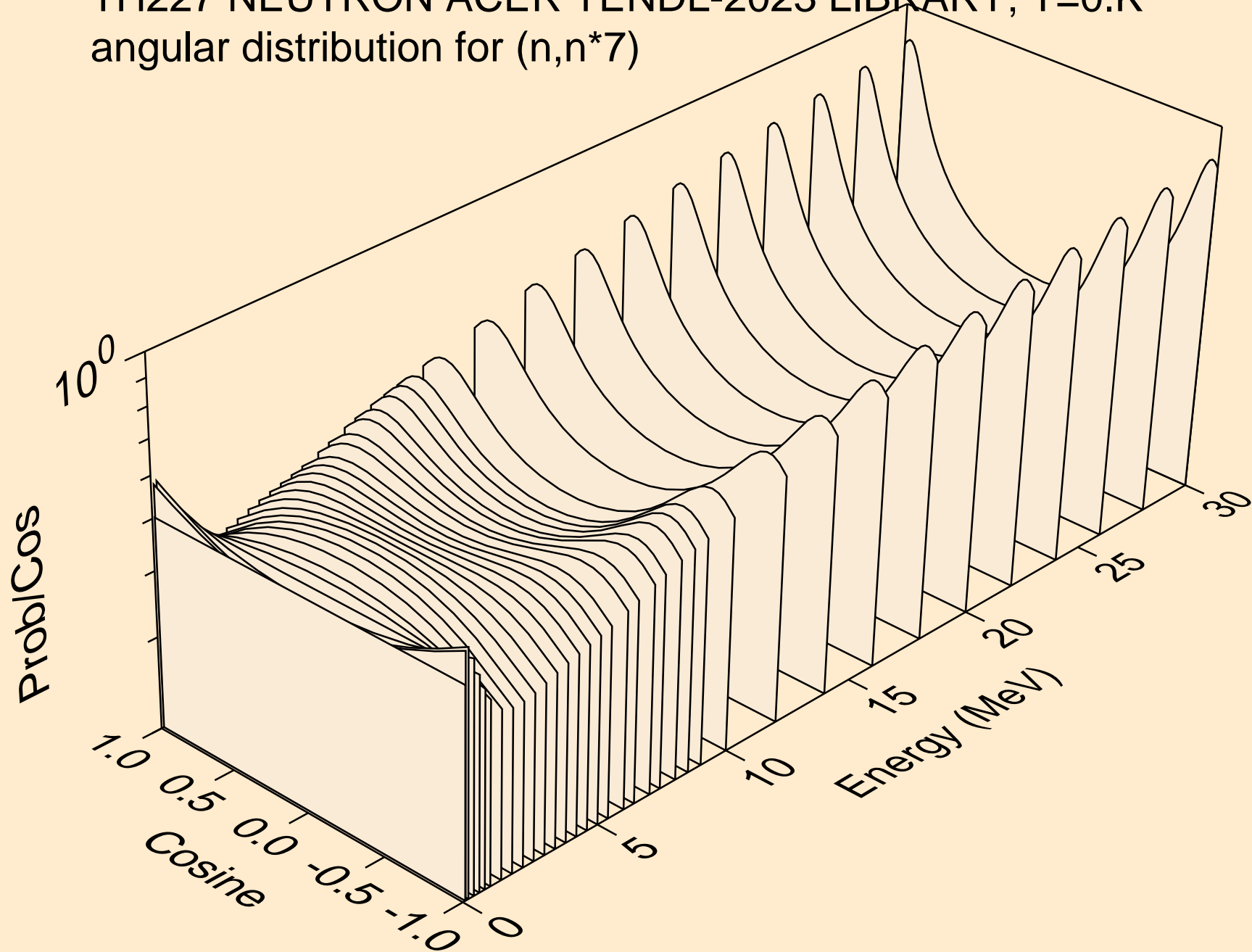
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



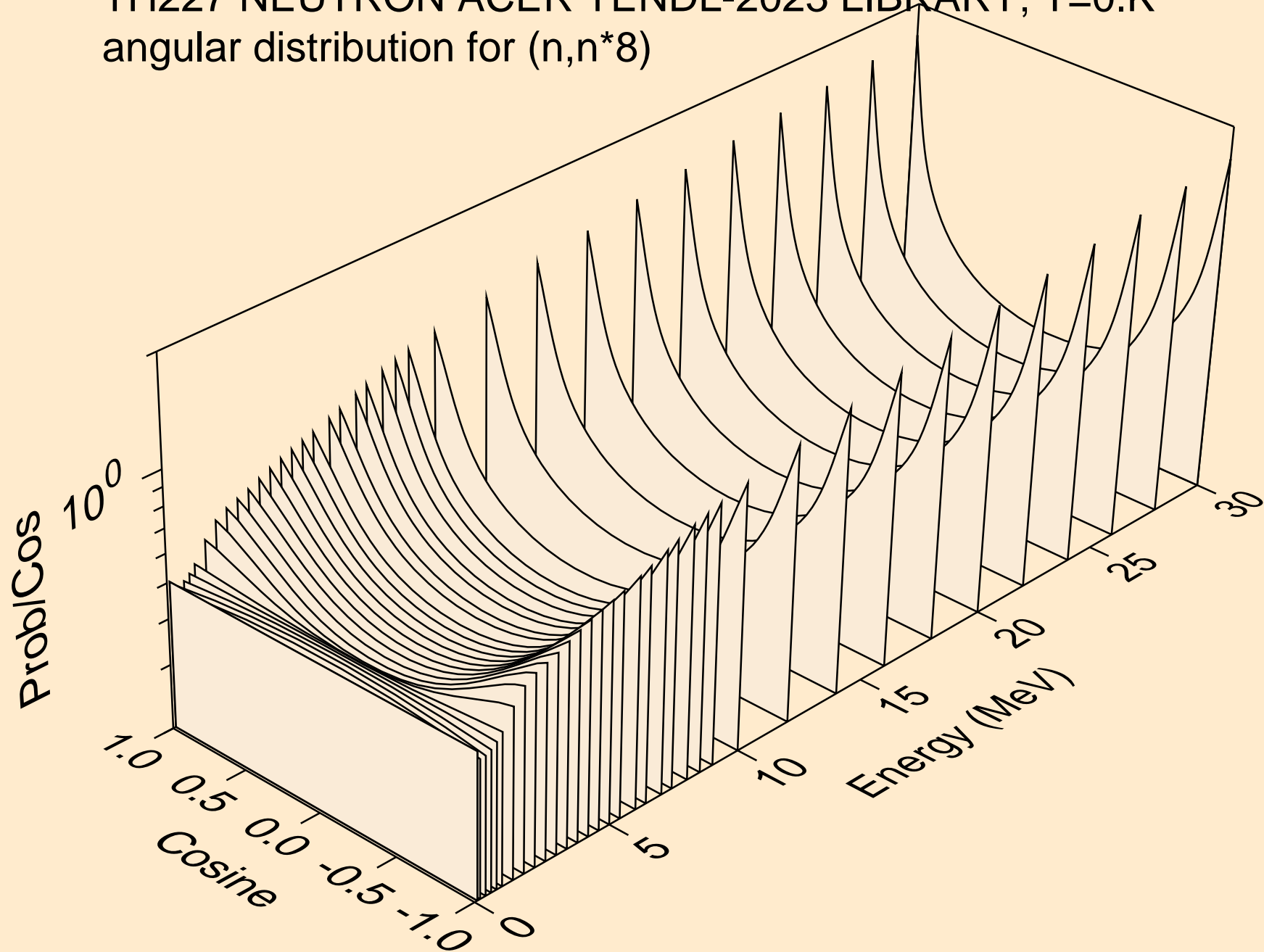
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



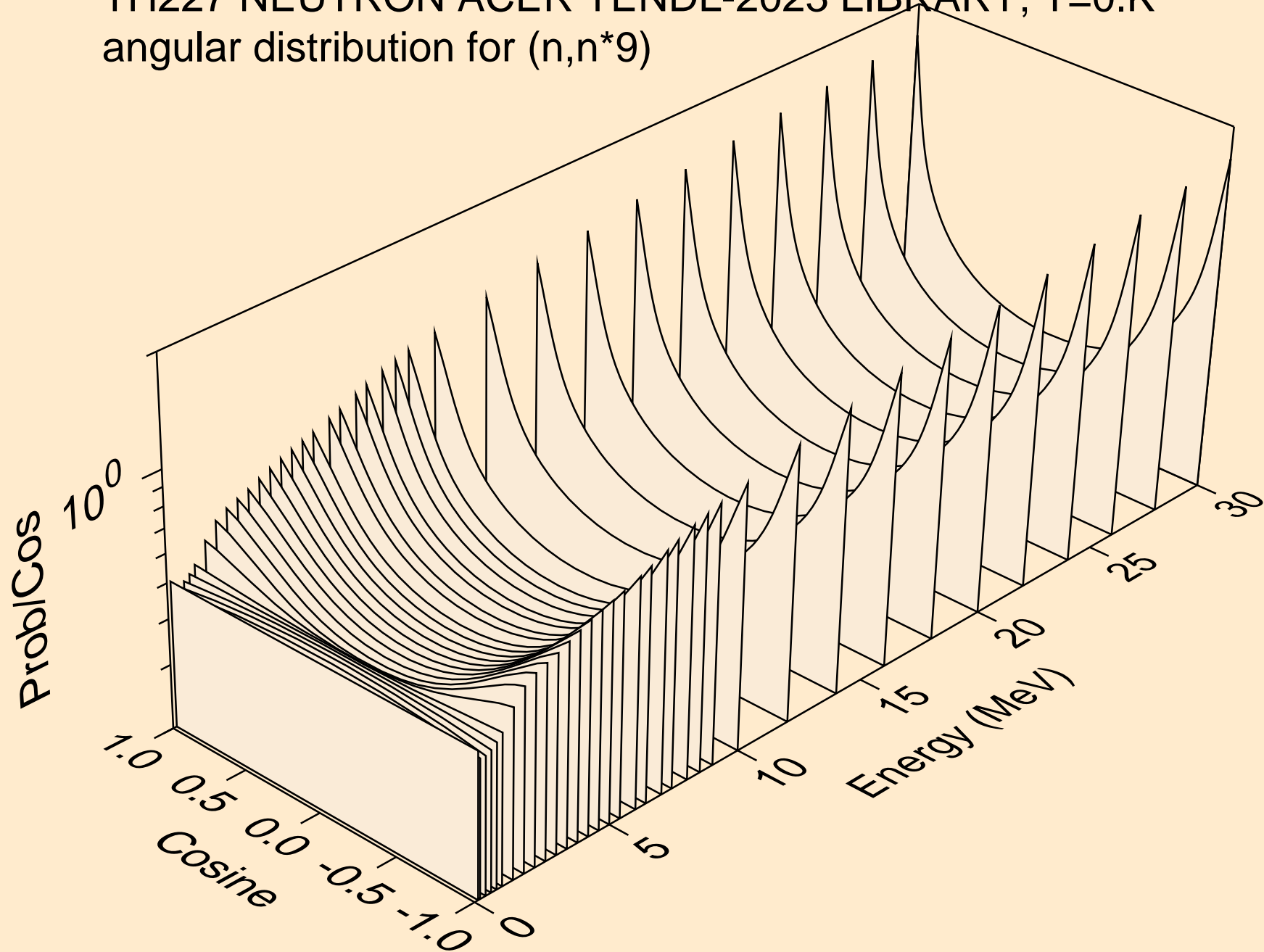
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angular distribution for (n,n*7)



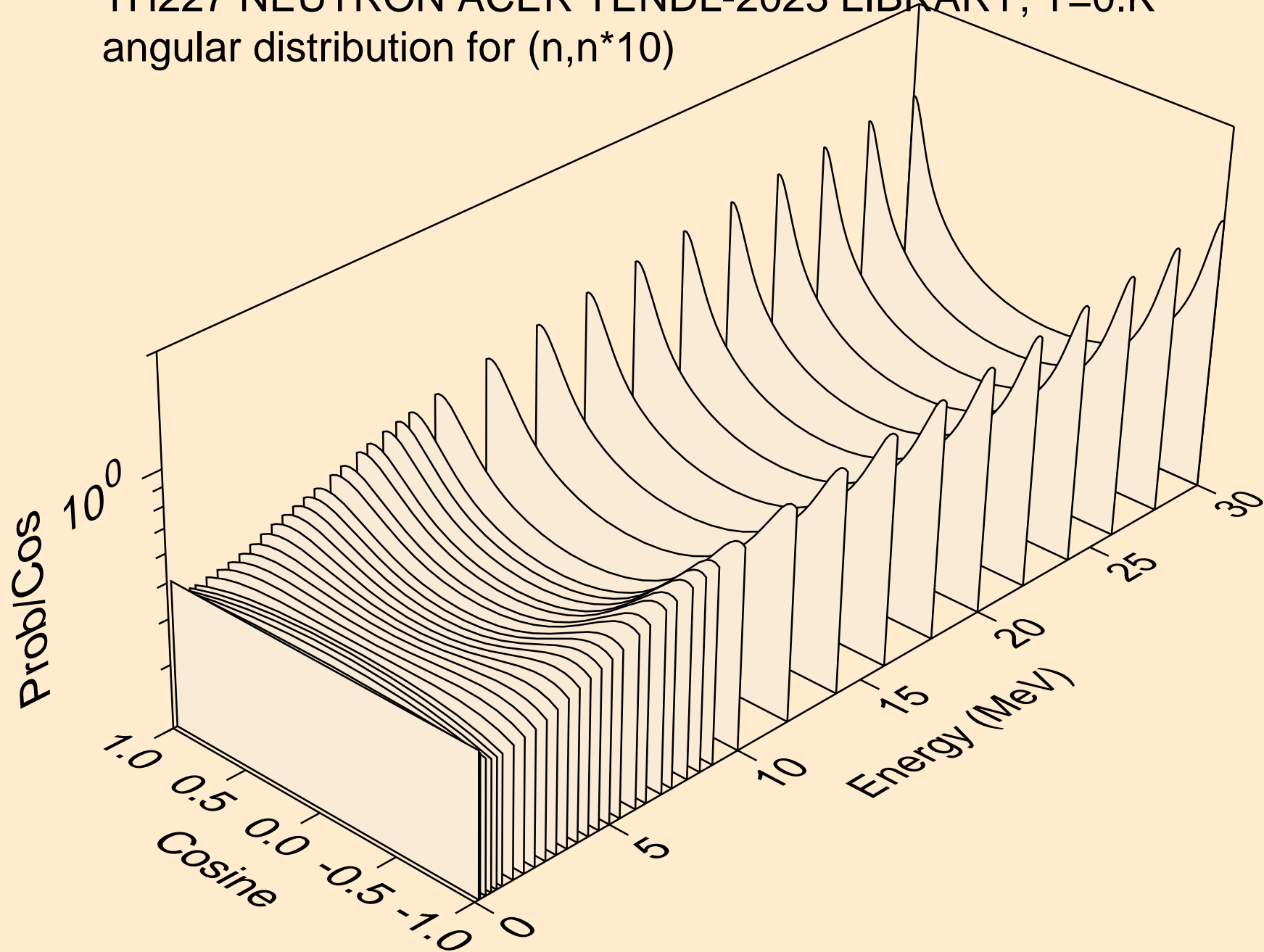
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



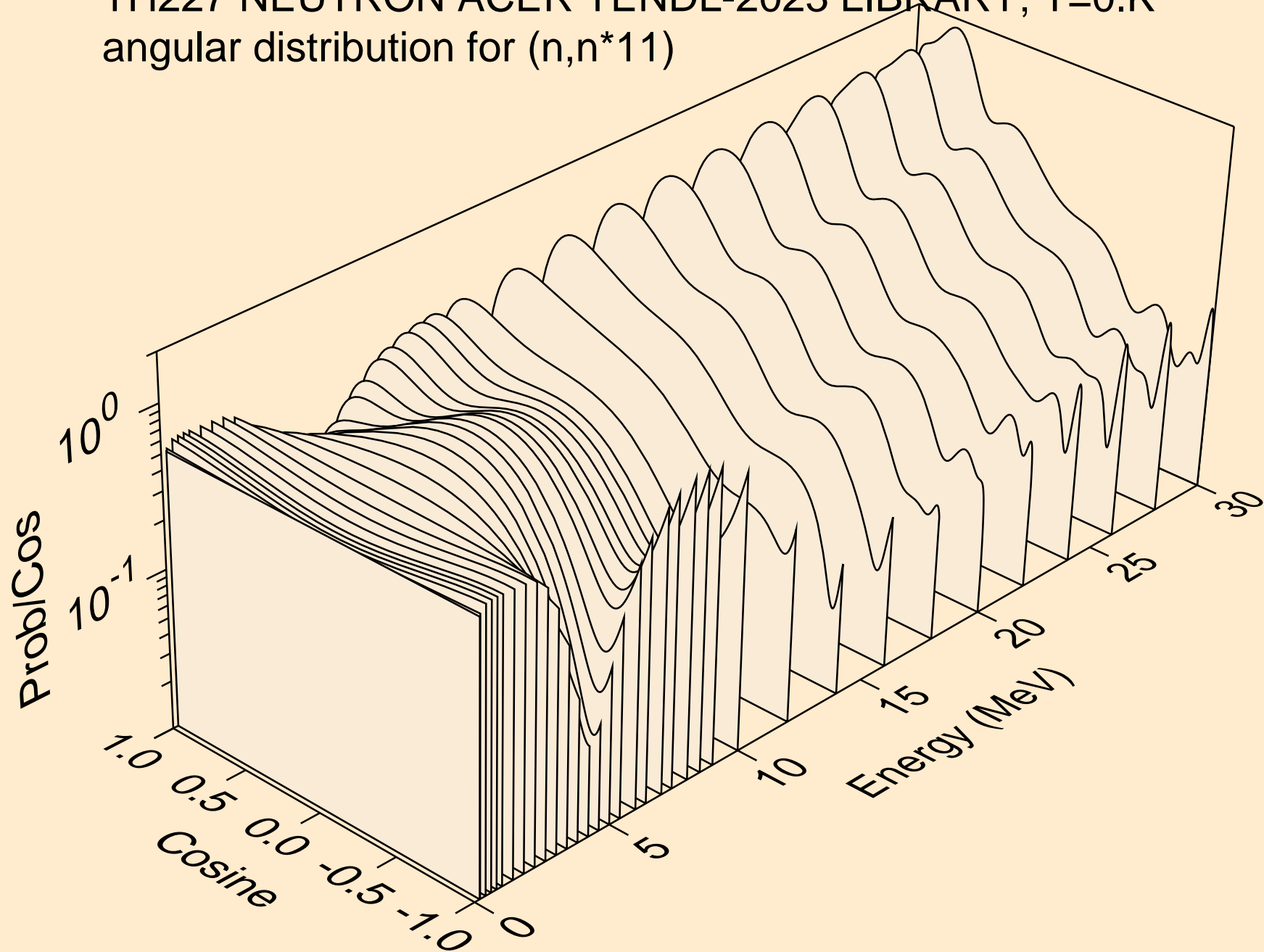
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



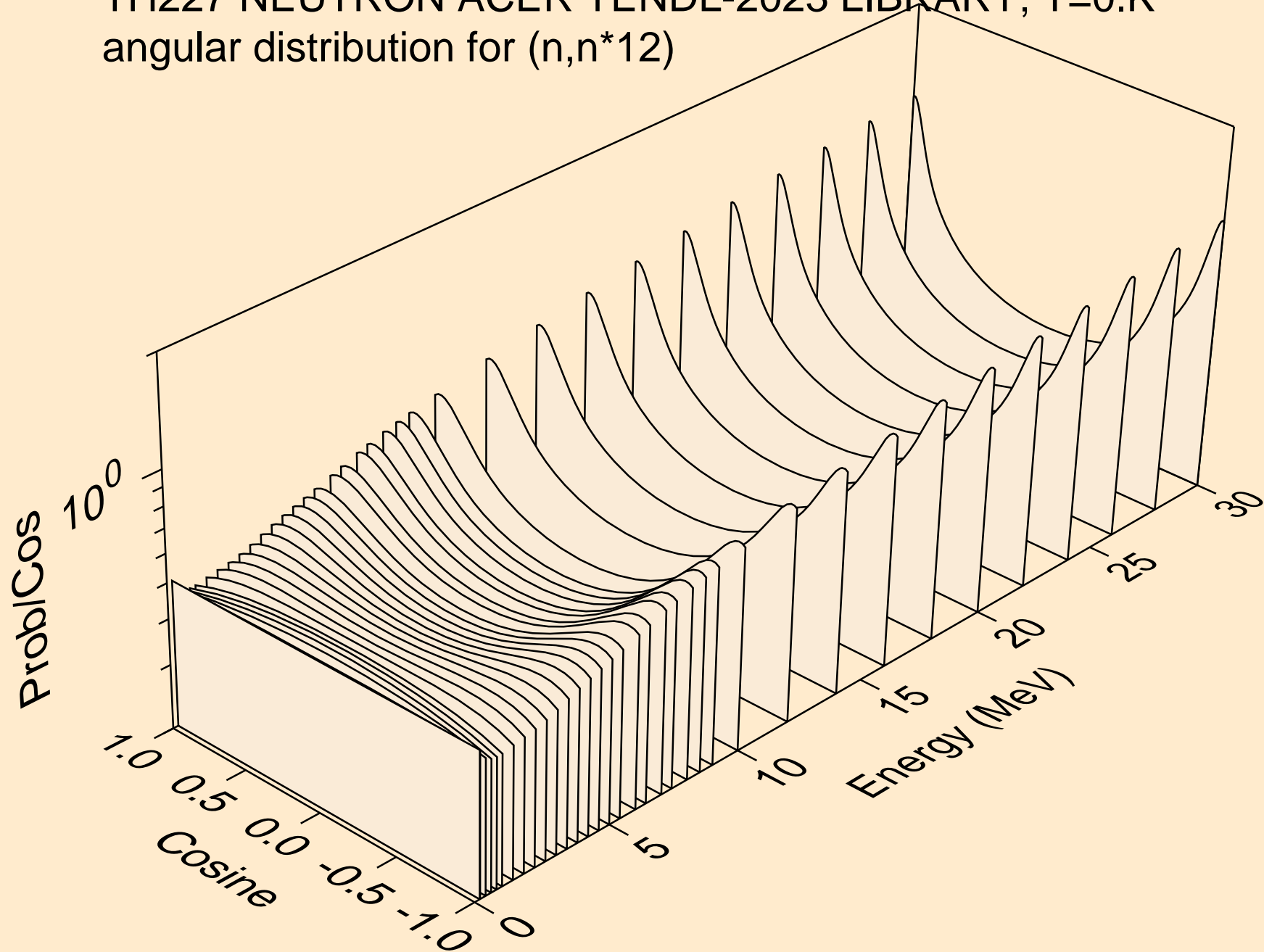
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



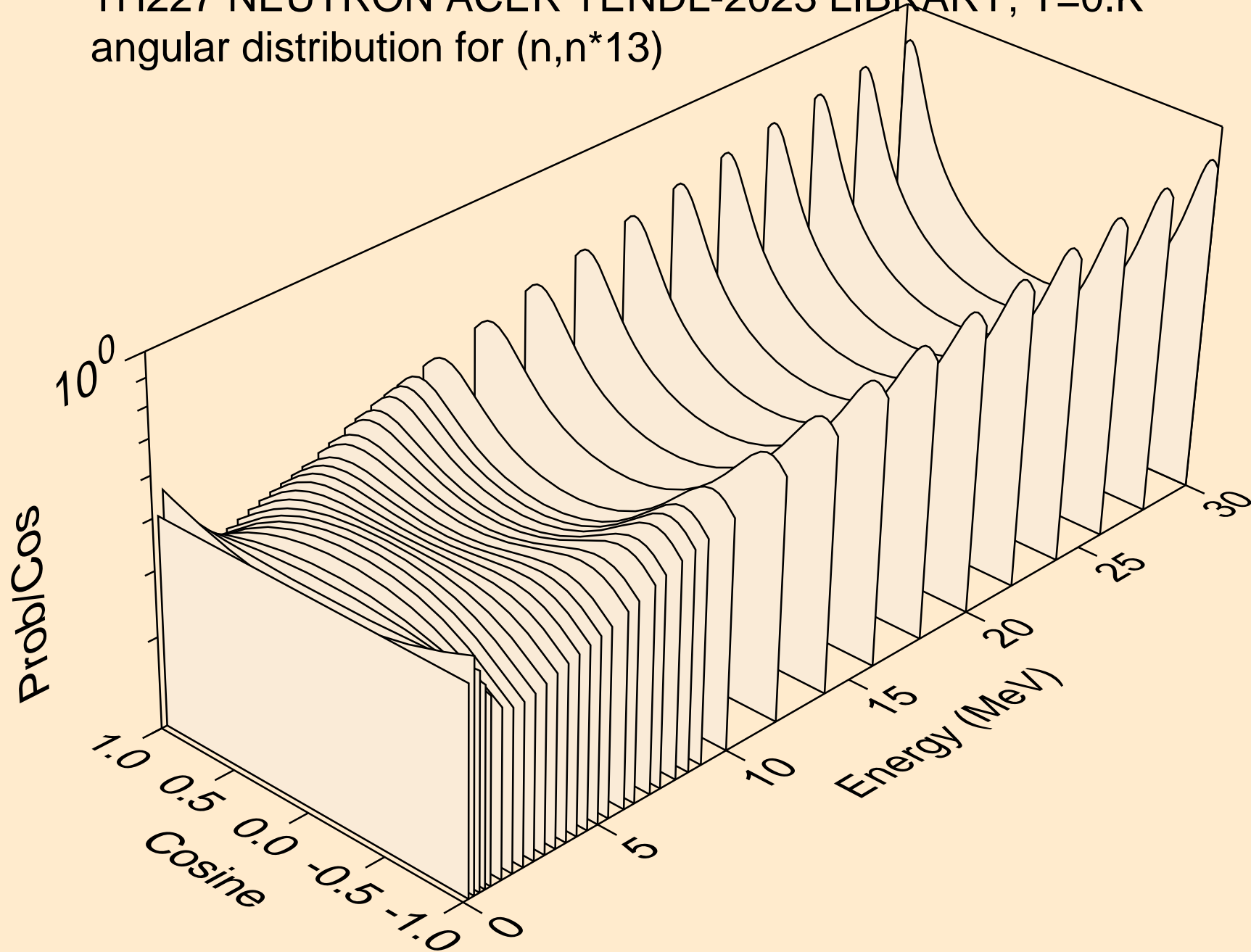
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angular distribution for (n,n*11)



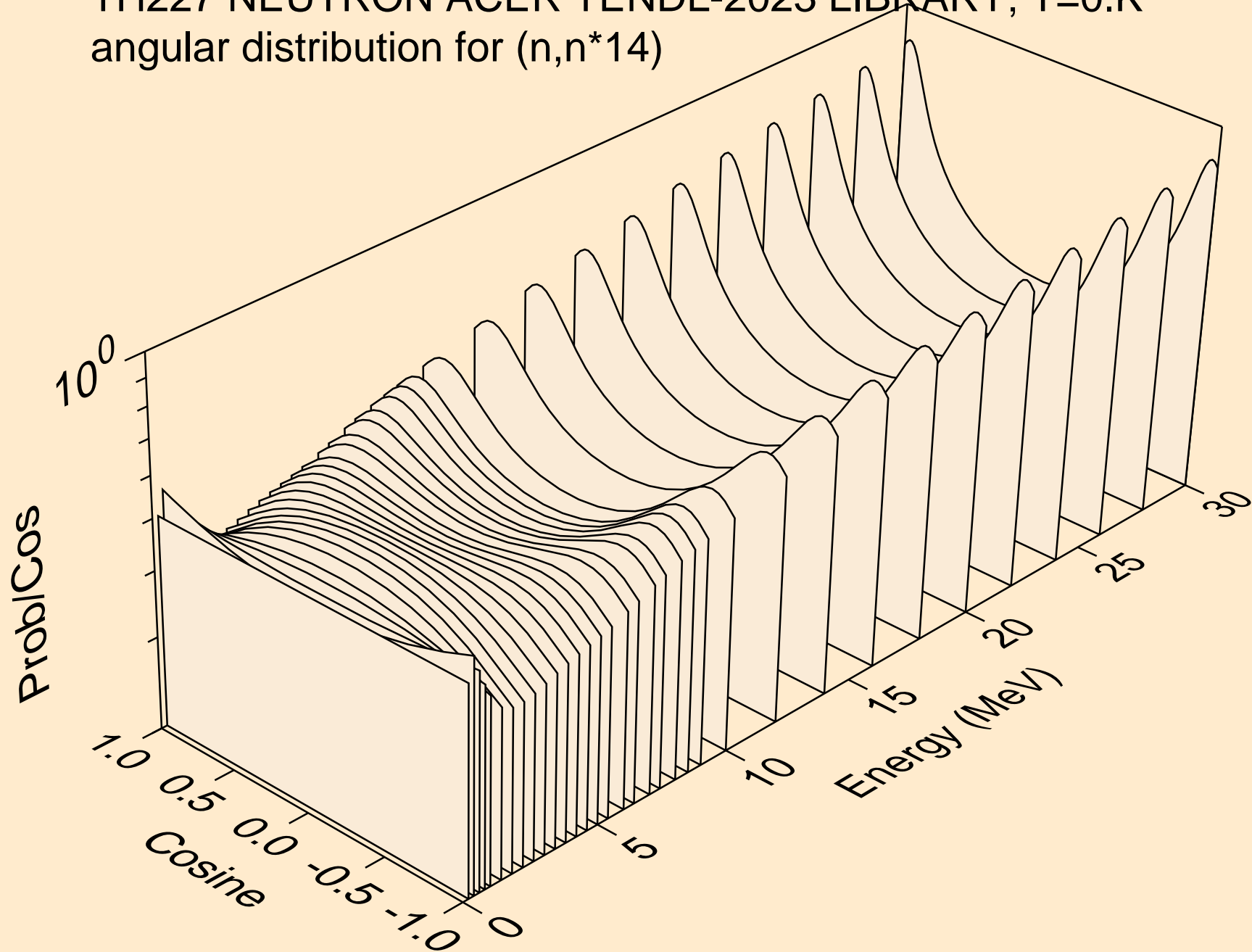
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angular distribution for (n,n*12)



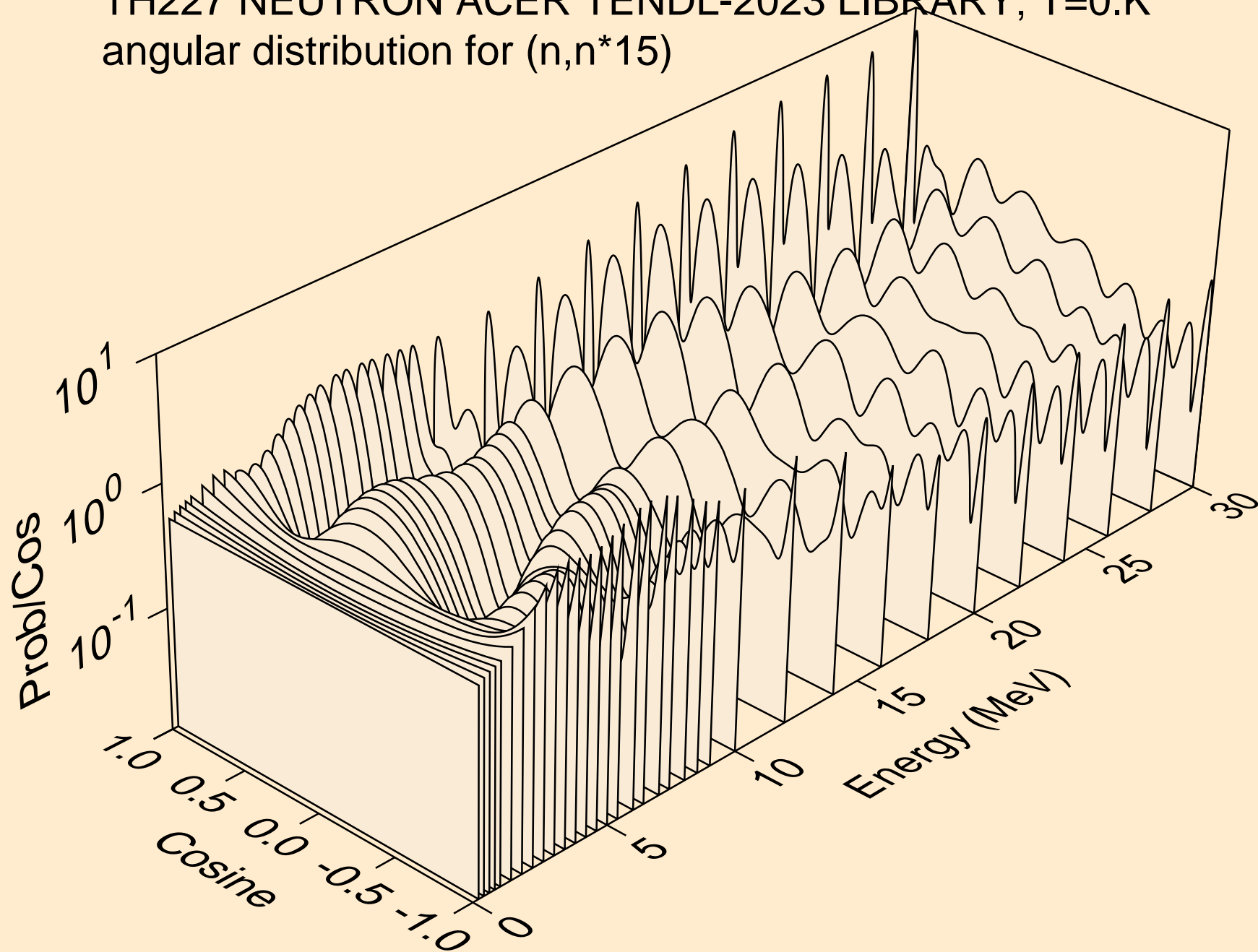
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angular distribution for (n,n*13)



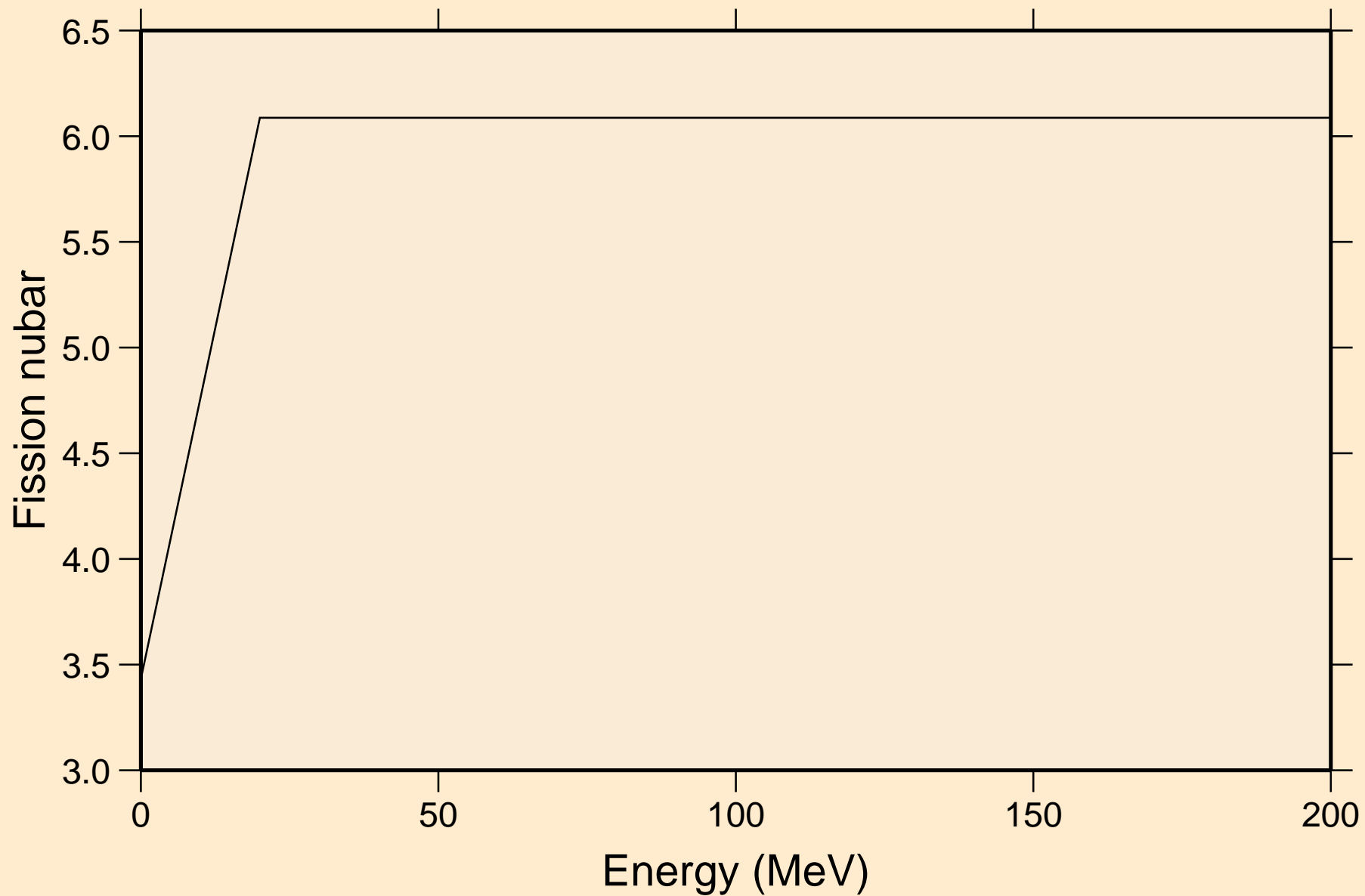
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angular distribution for (n,n*14)



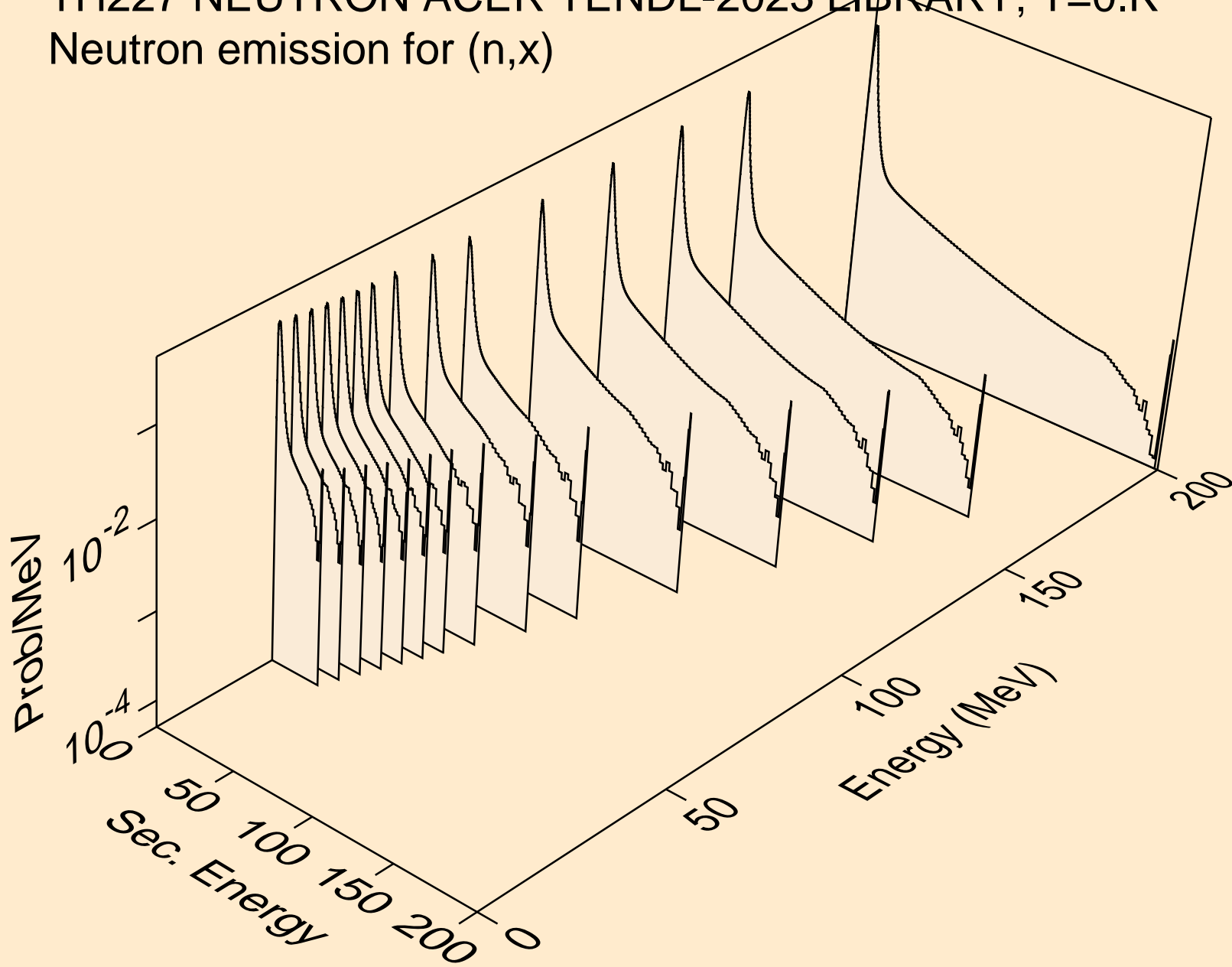
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angular distribution for (n,n*15)



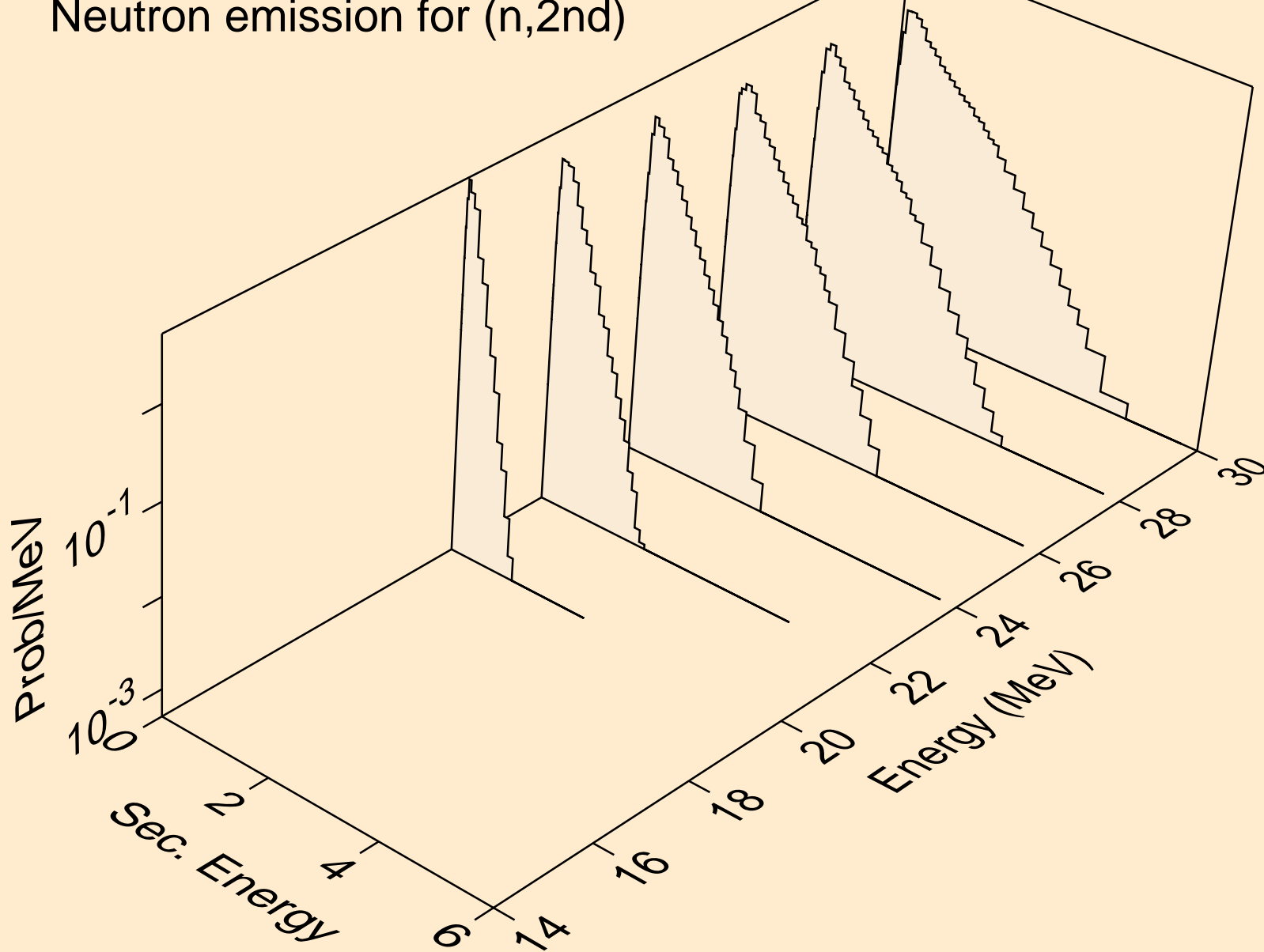
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Total fission nubar



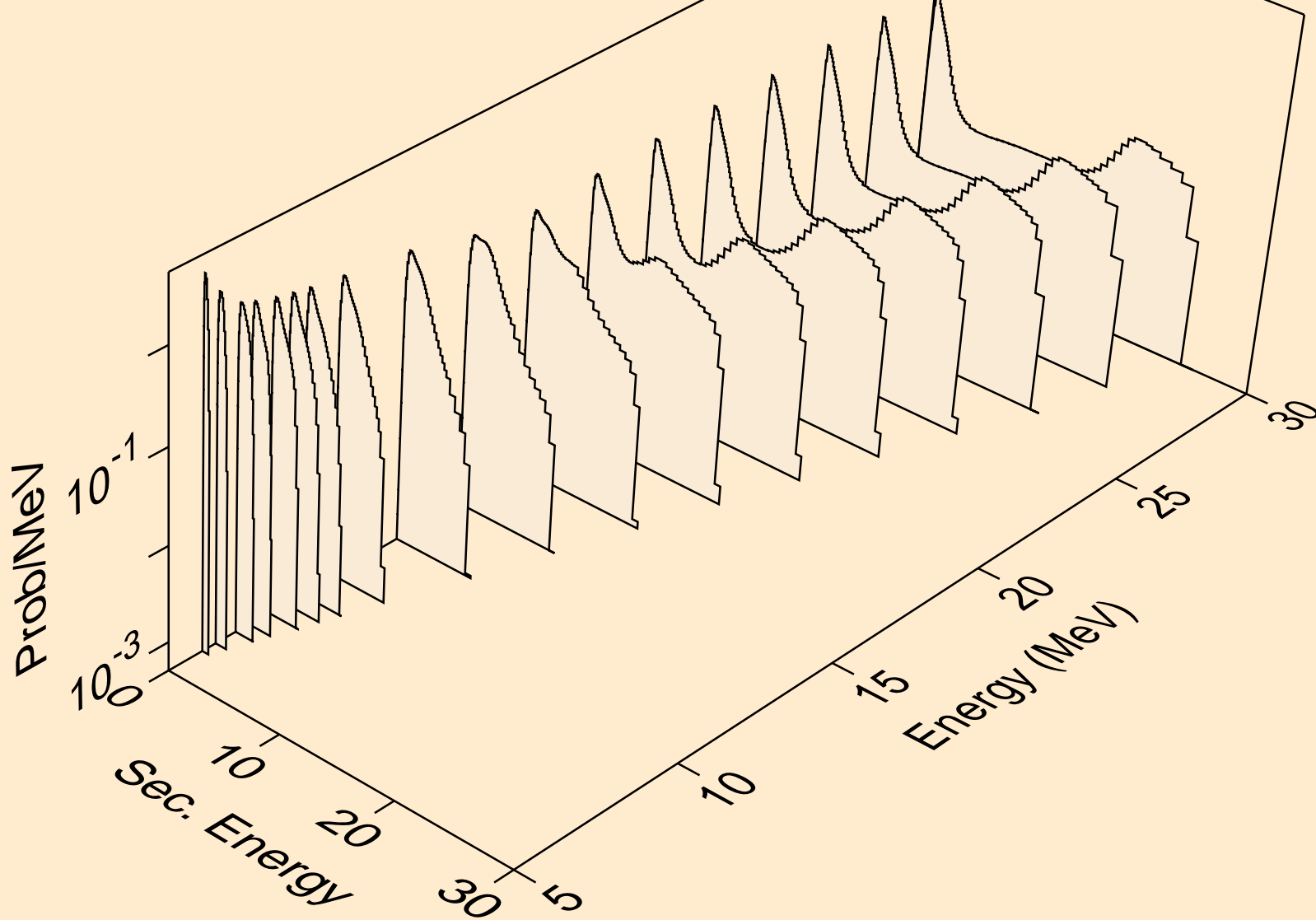
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



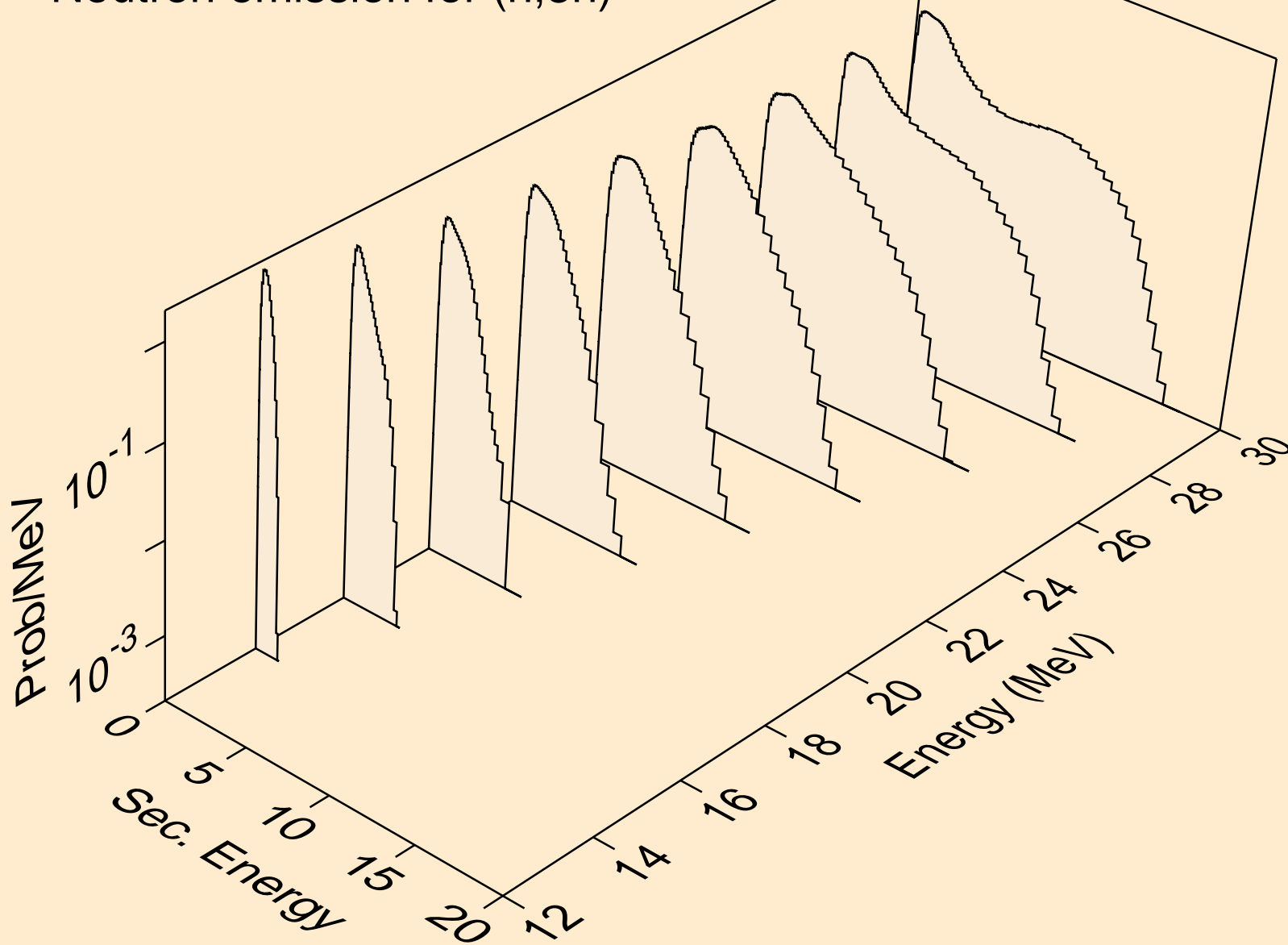
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



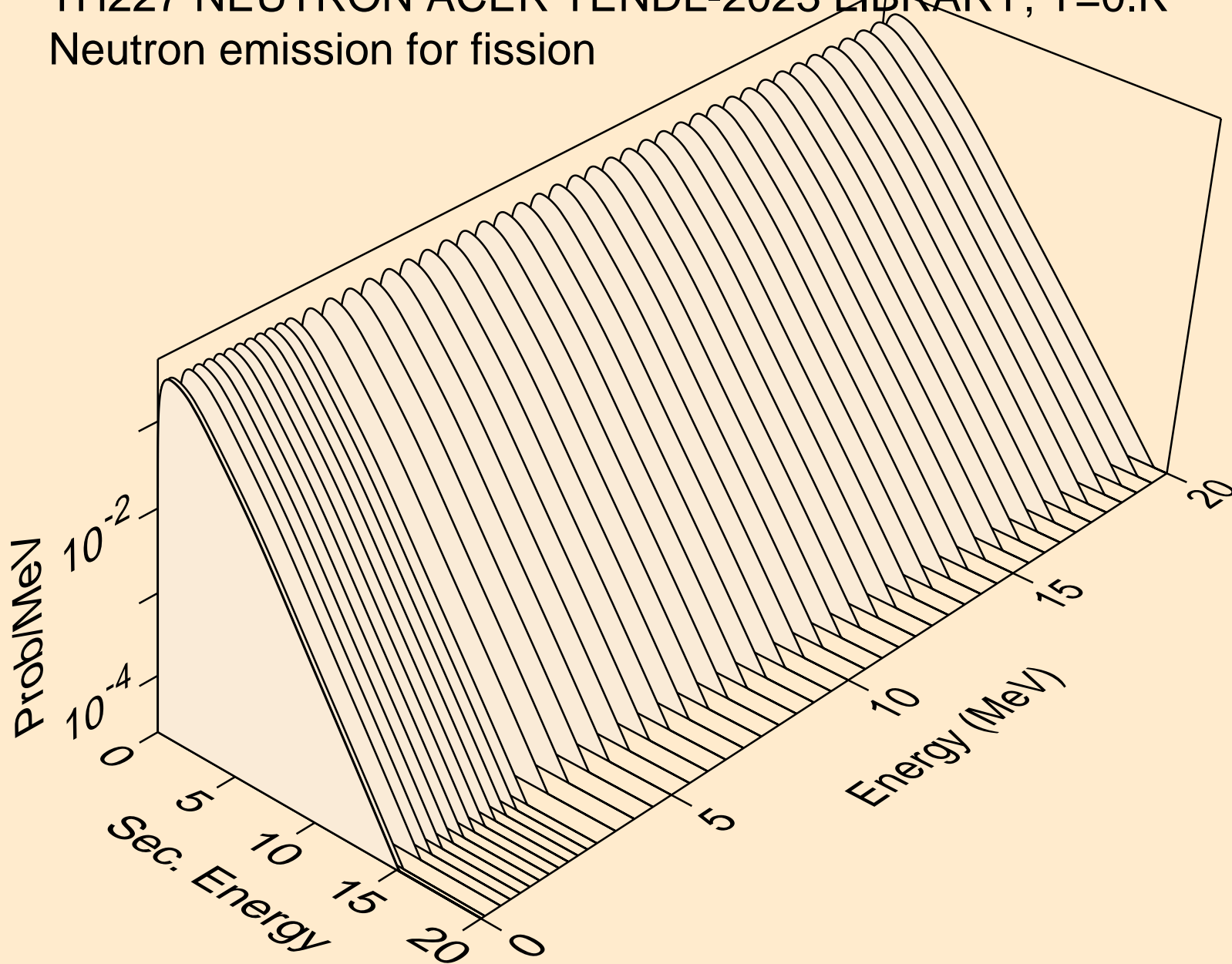
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



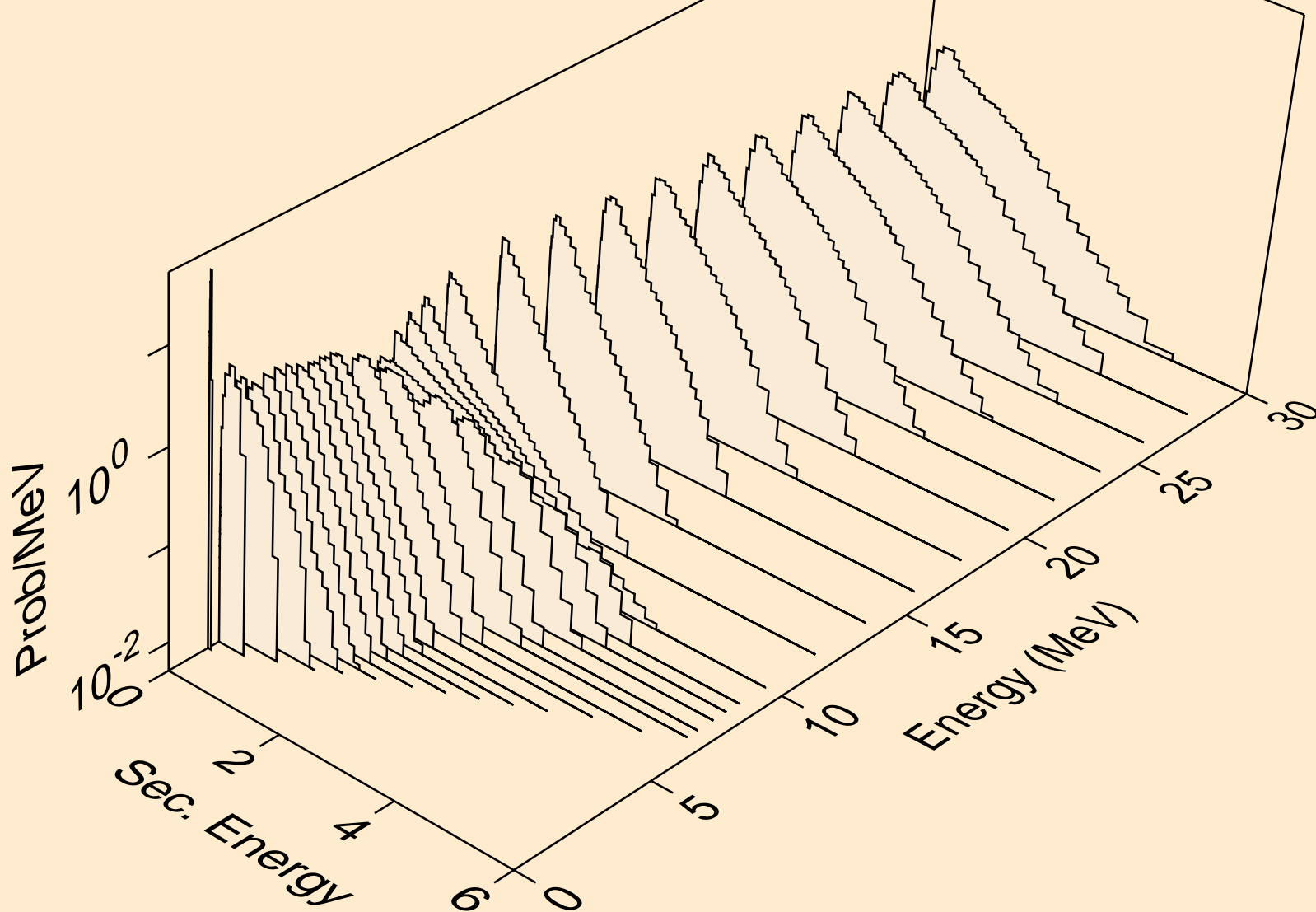
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



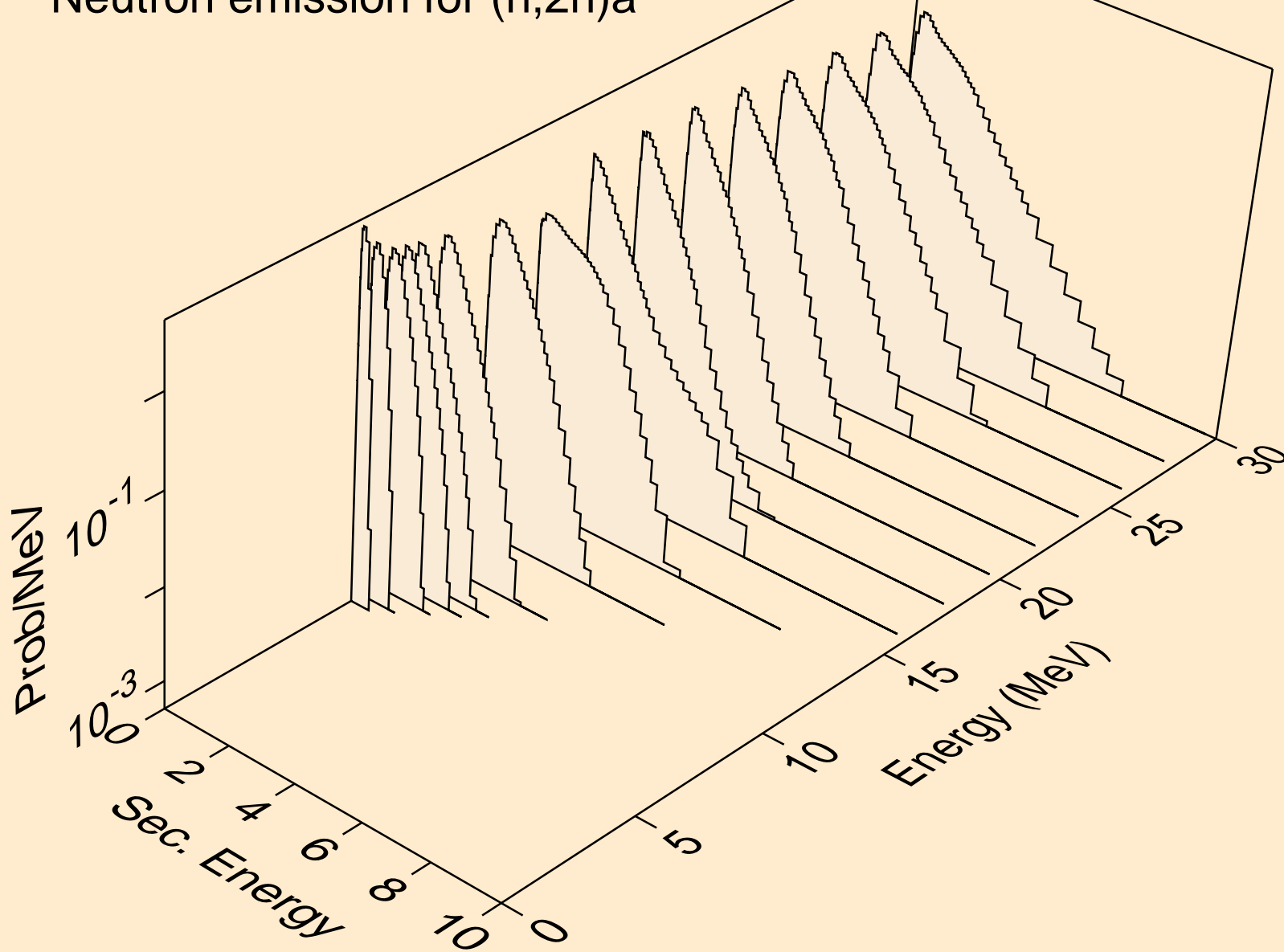
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



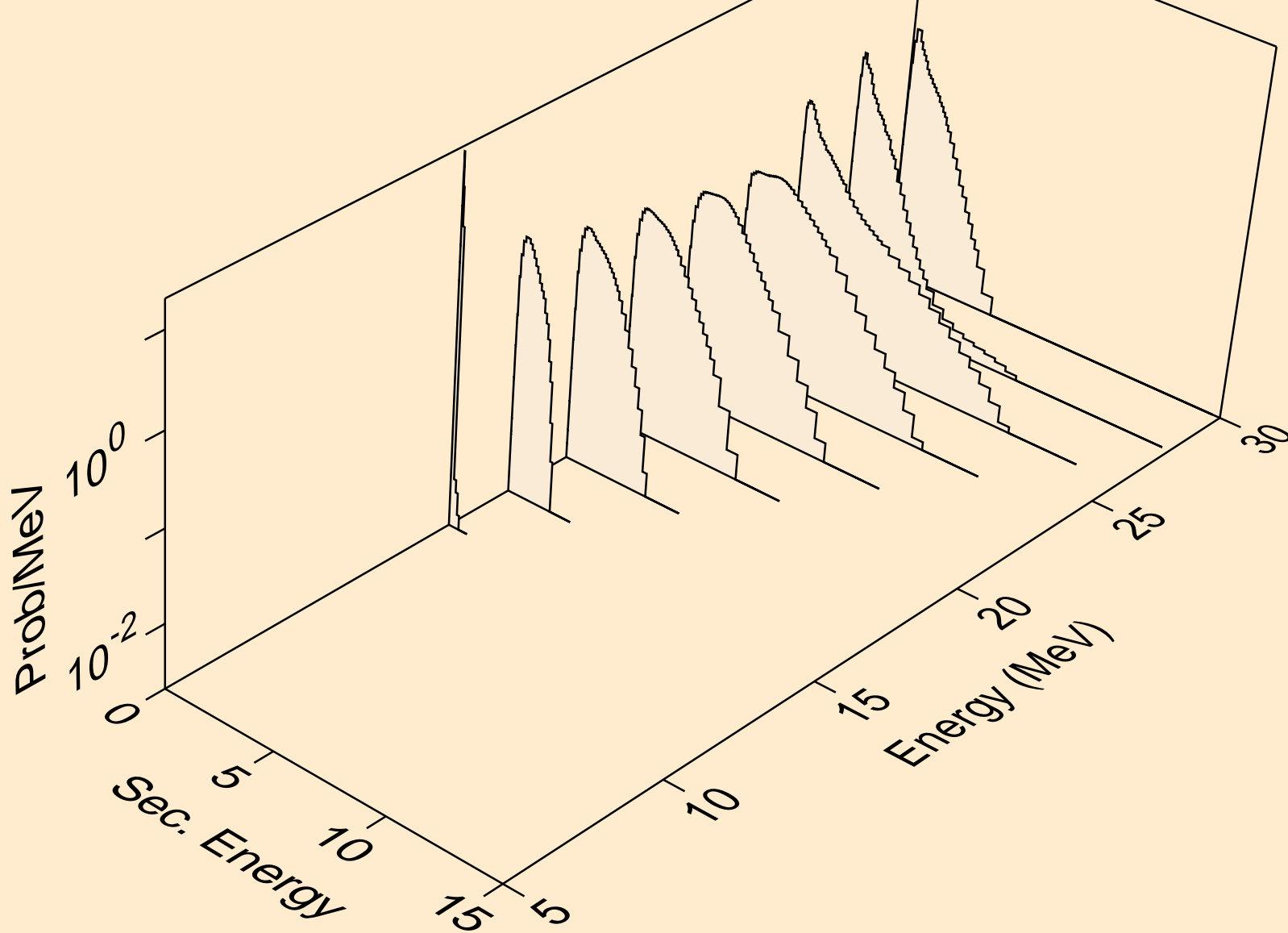
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



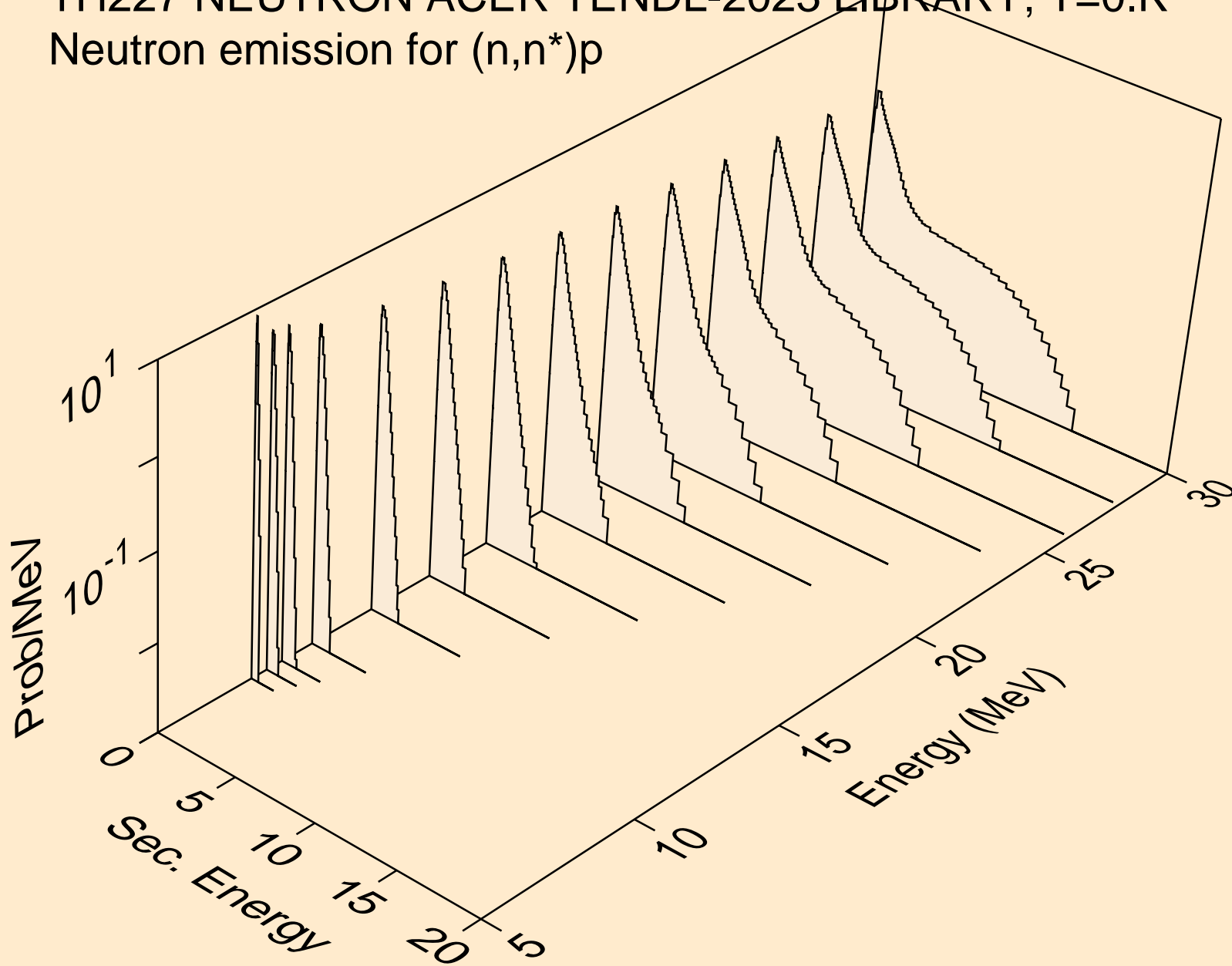
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



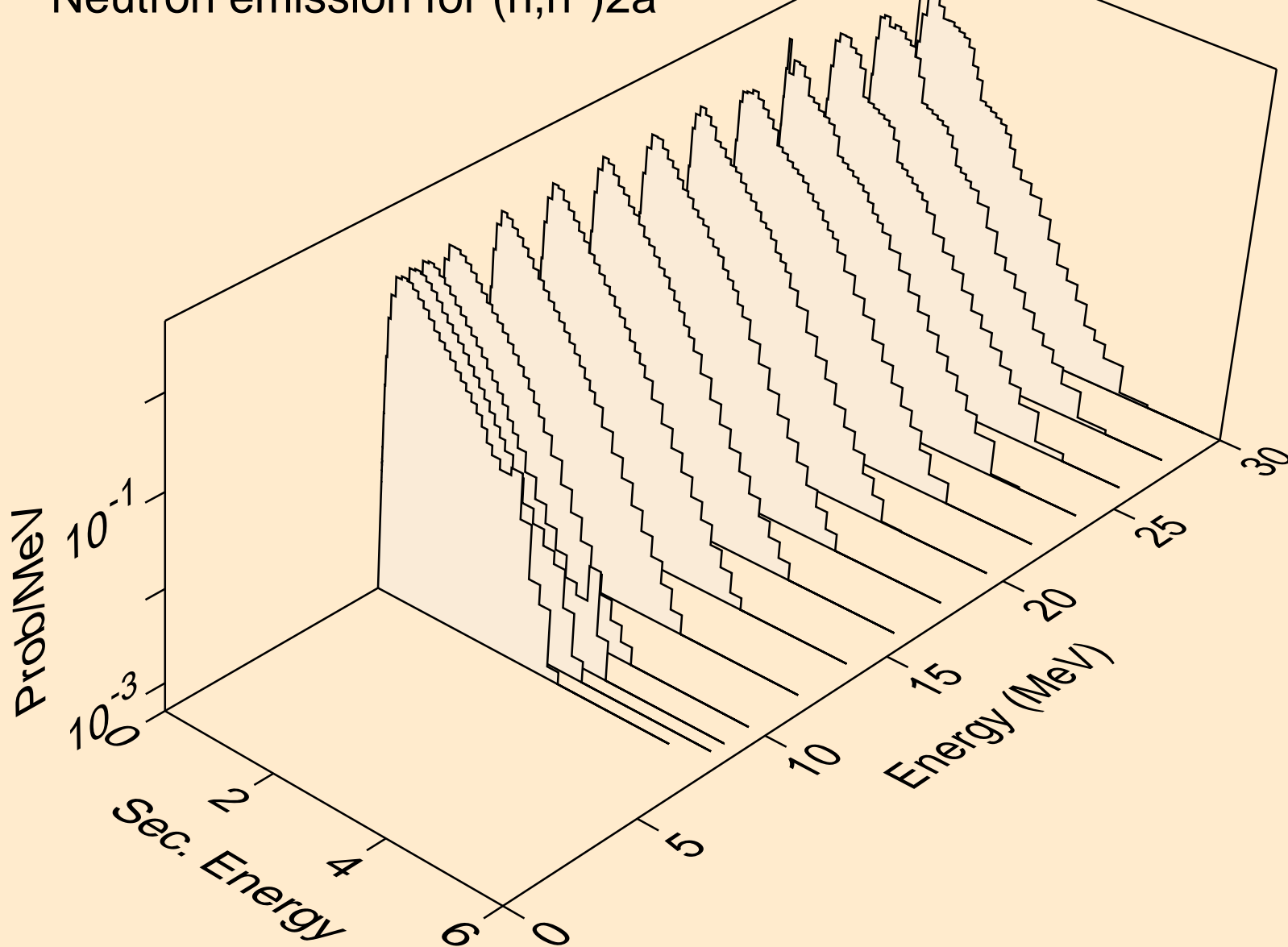
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



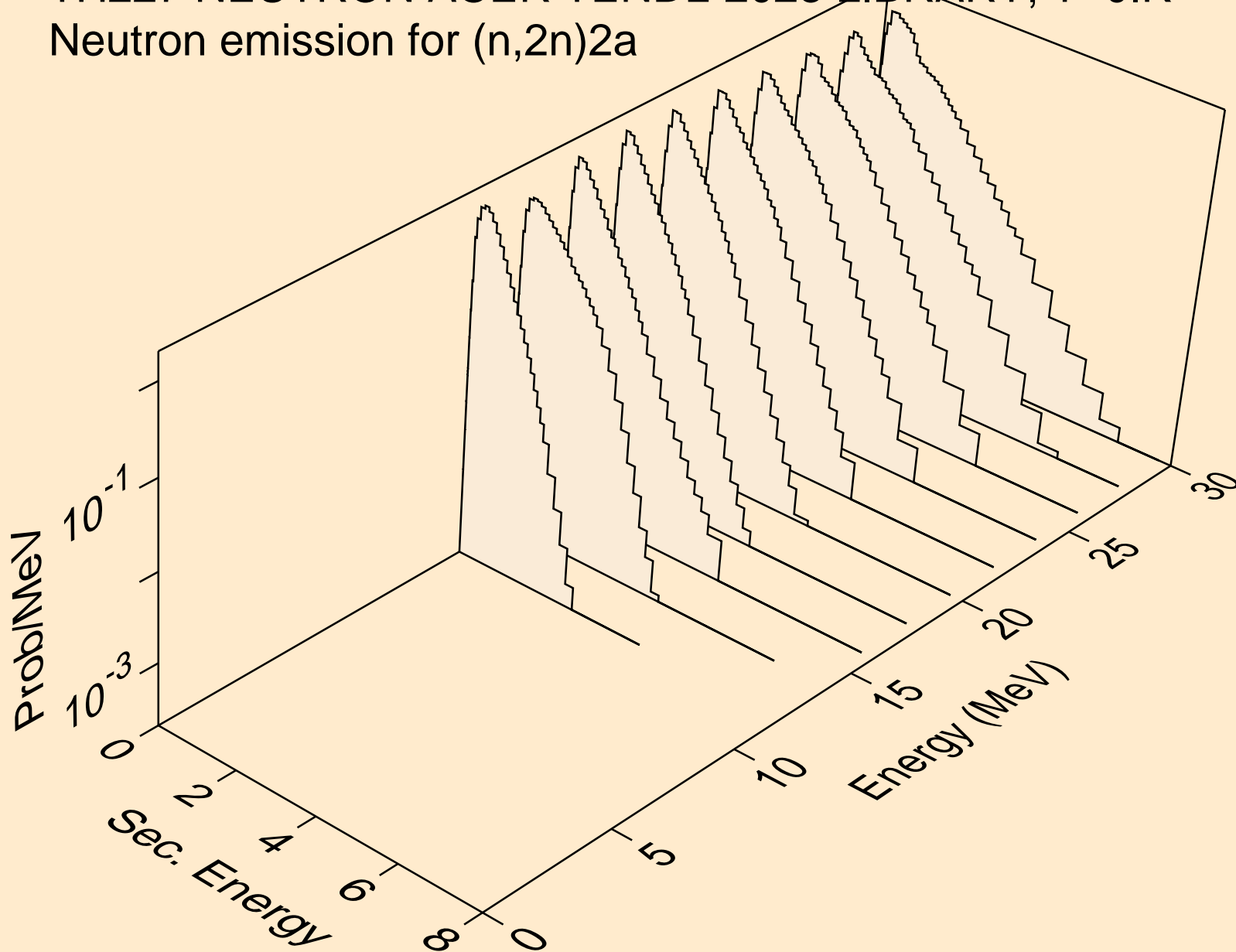
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Neutron emission for (n,n*)p



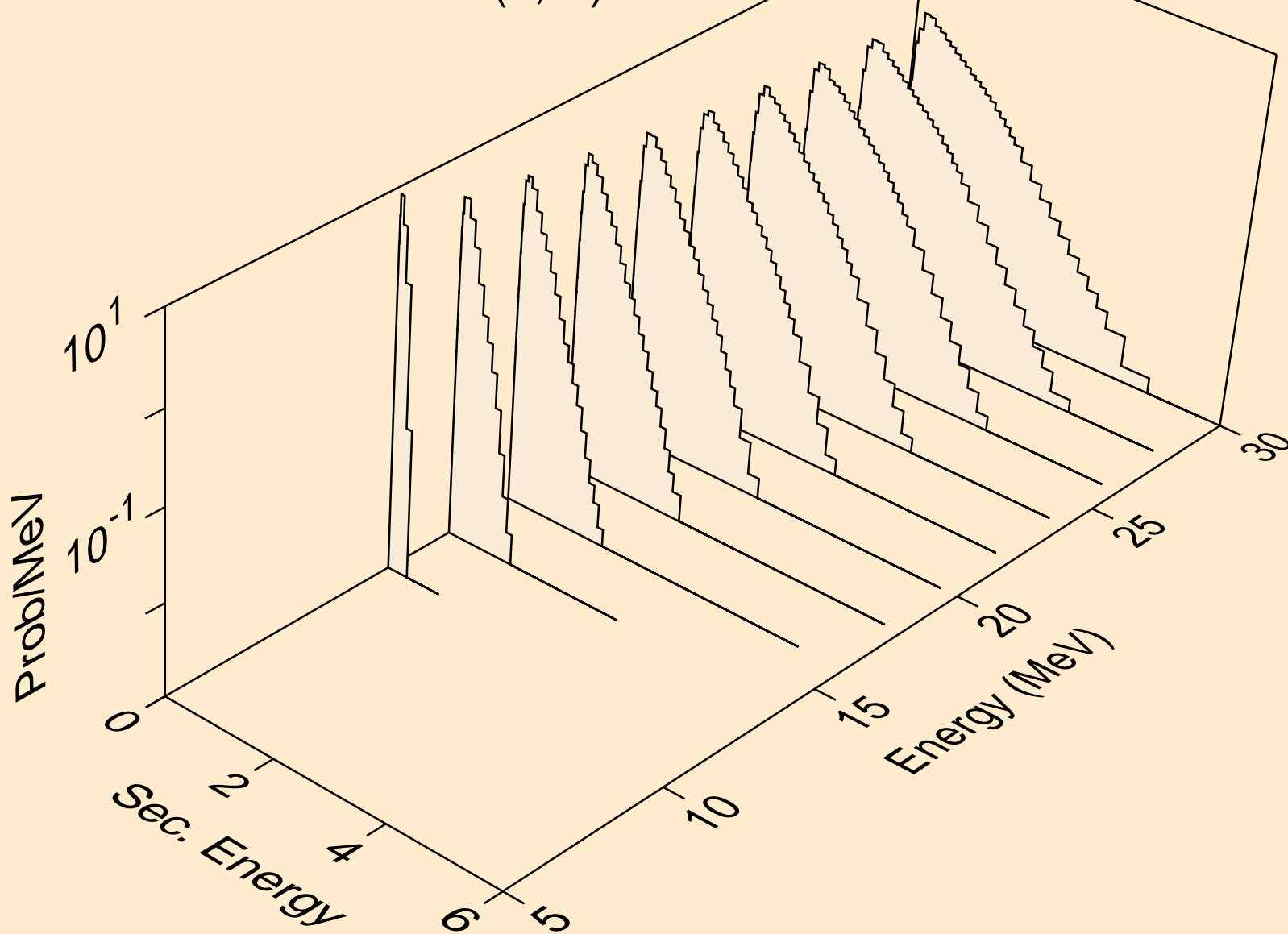
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



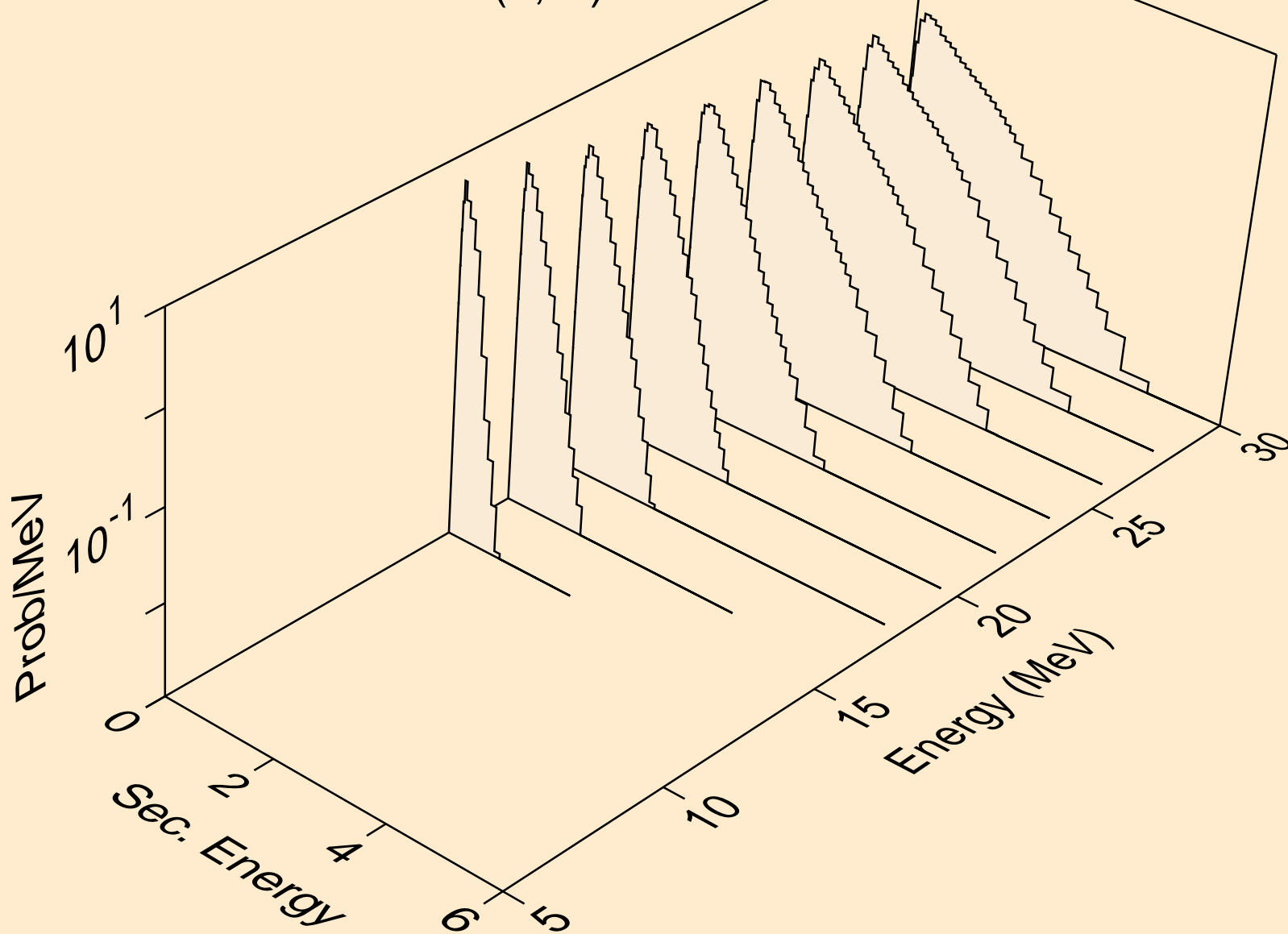
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



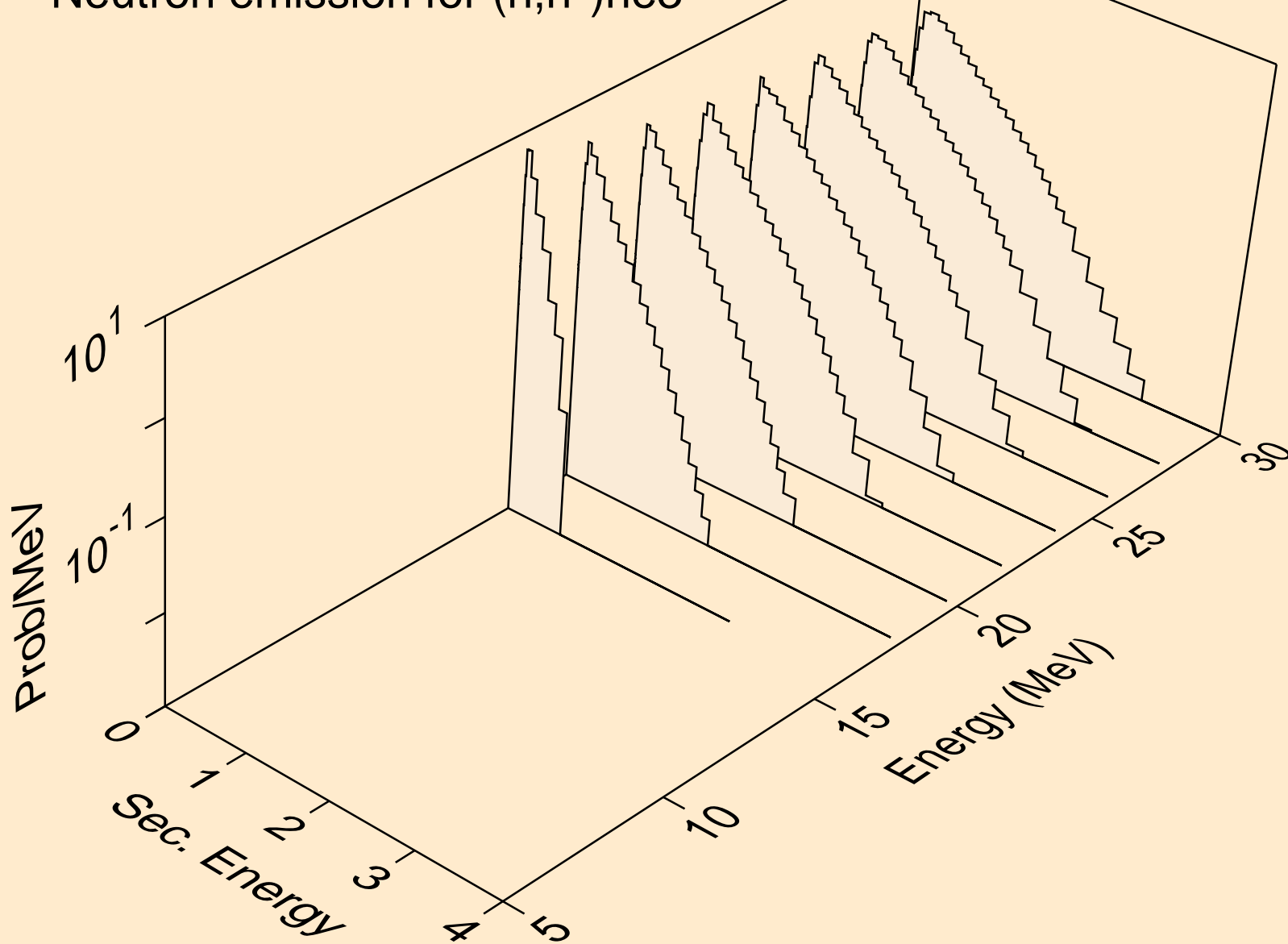
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



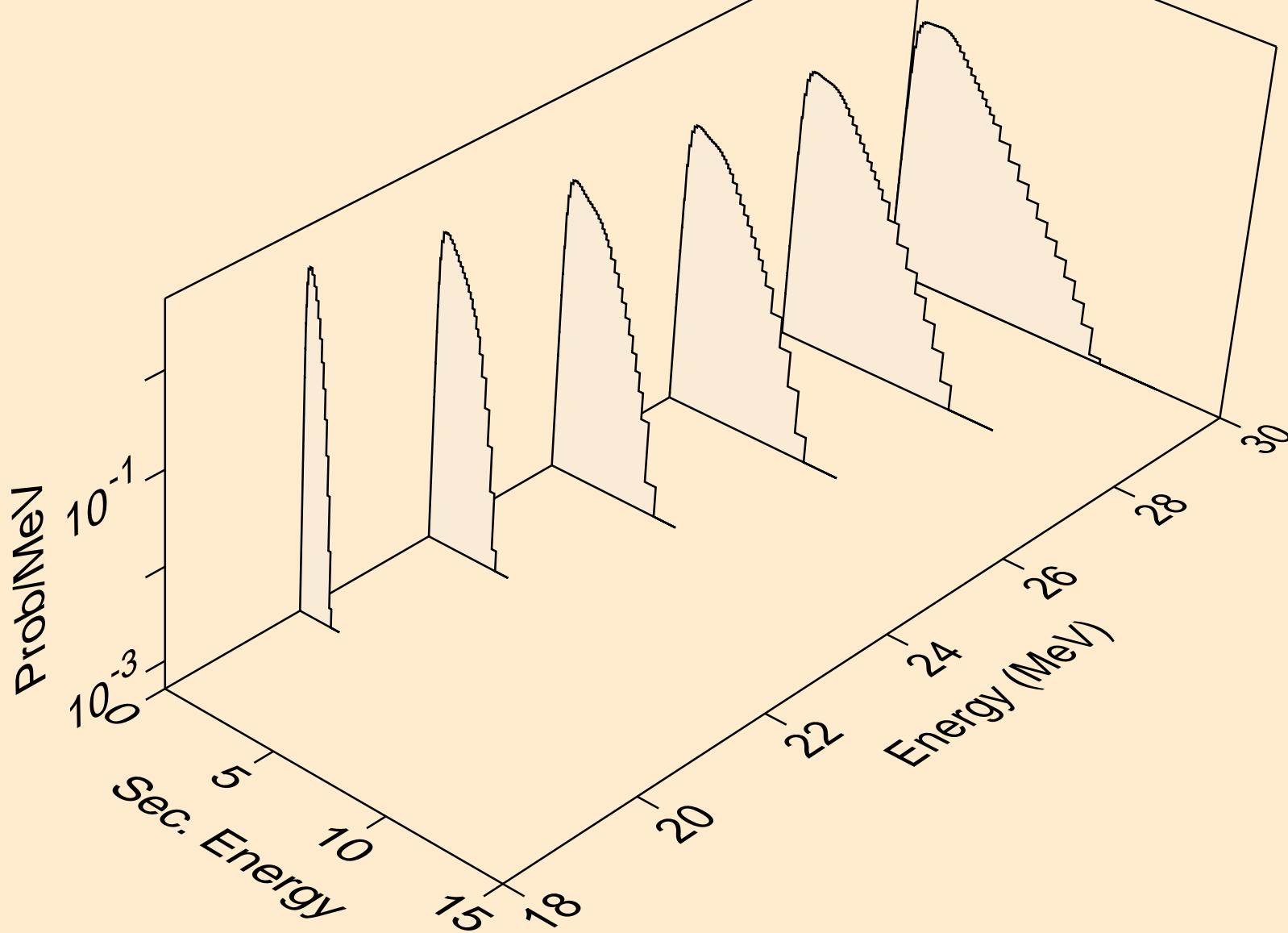
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



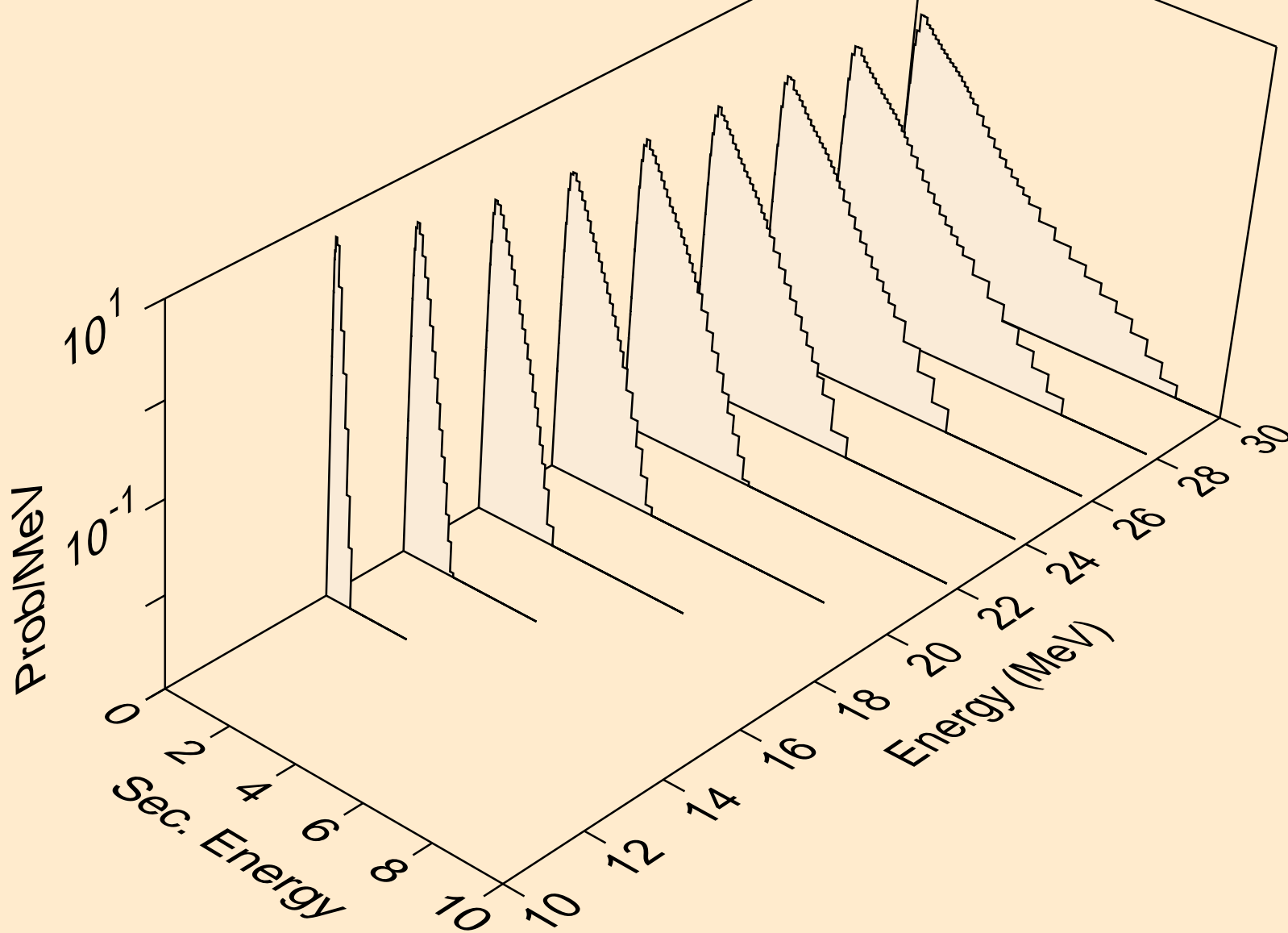
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



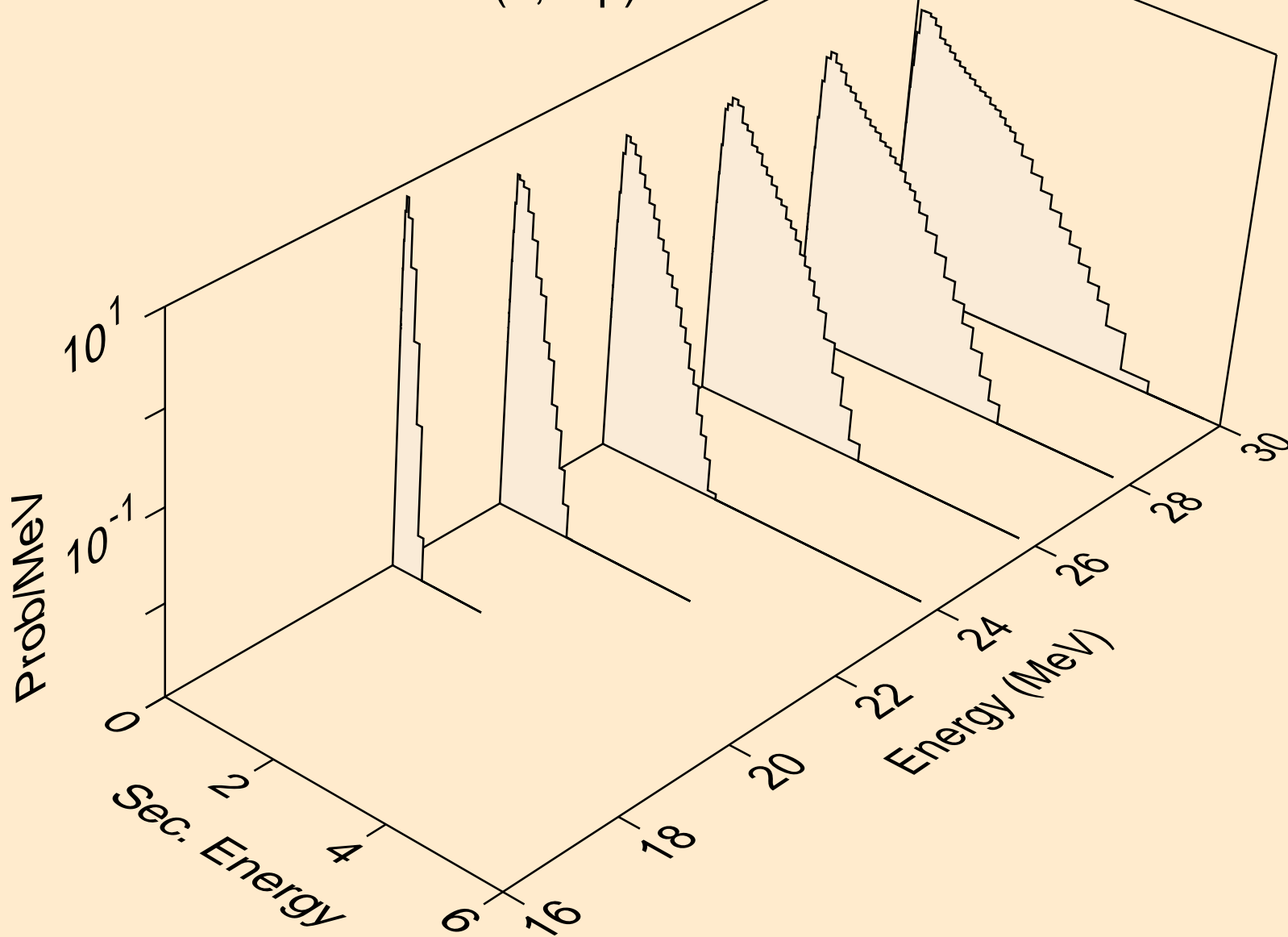
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



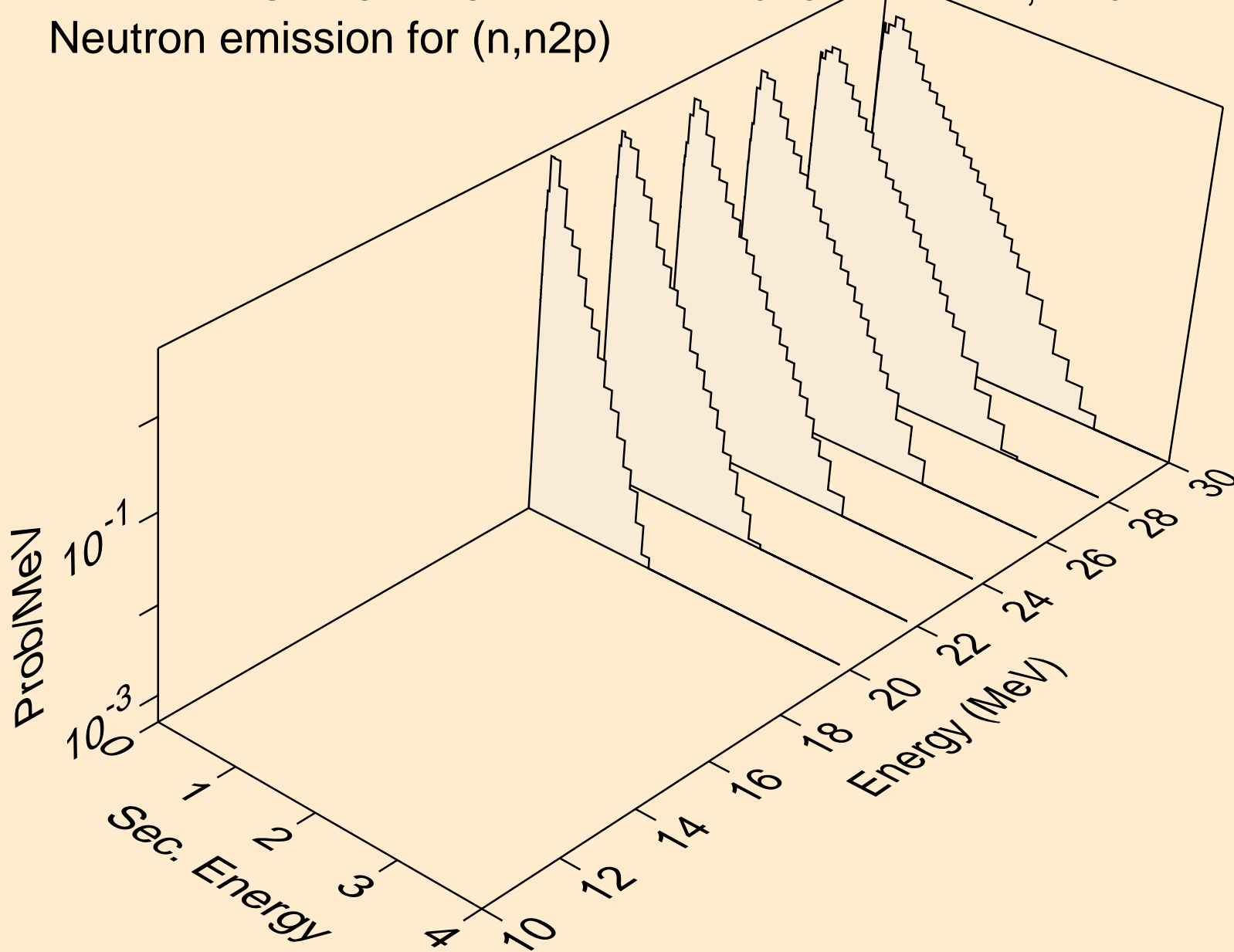
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



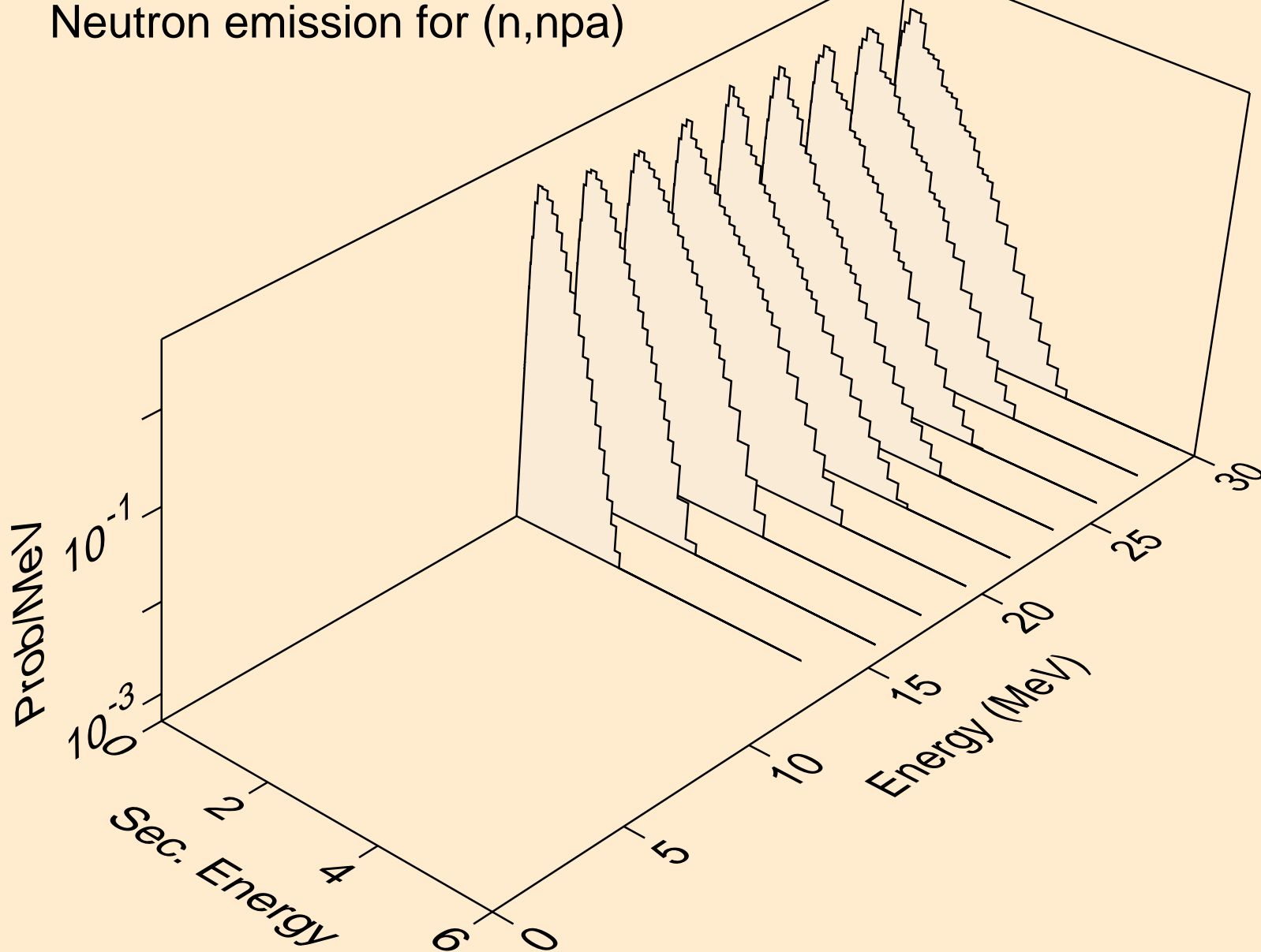
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



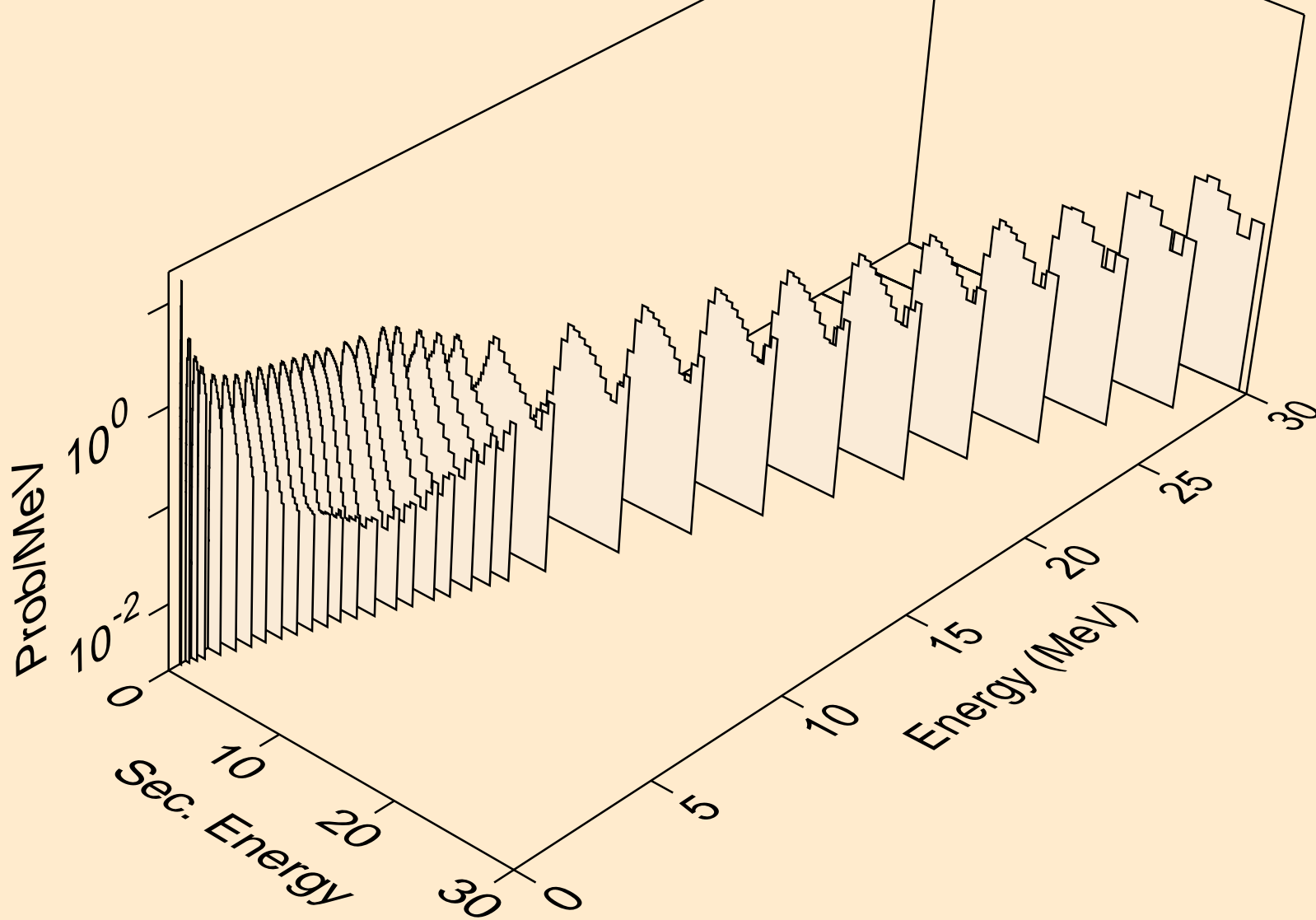
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)

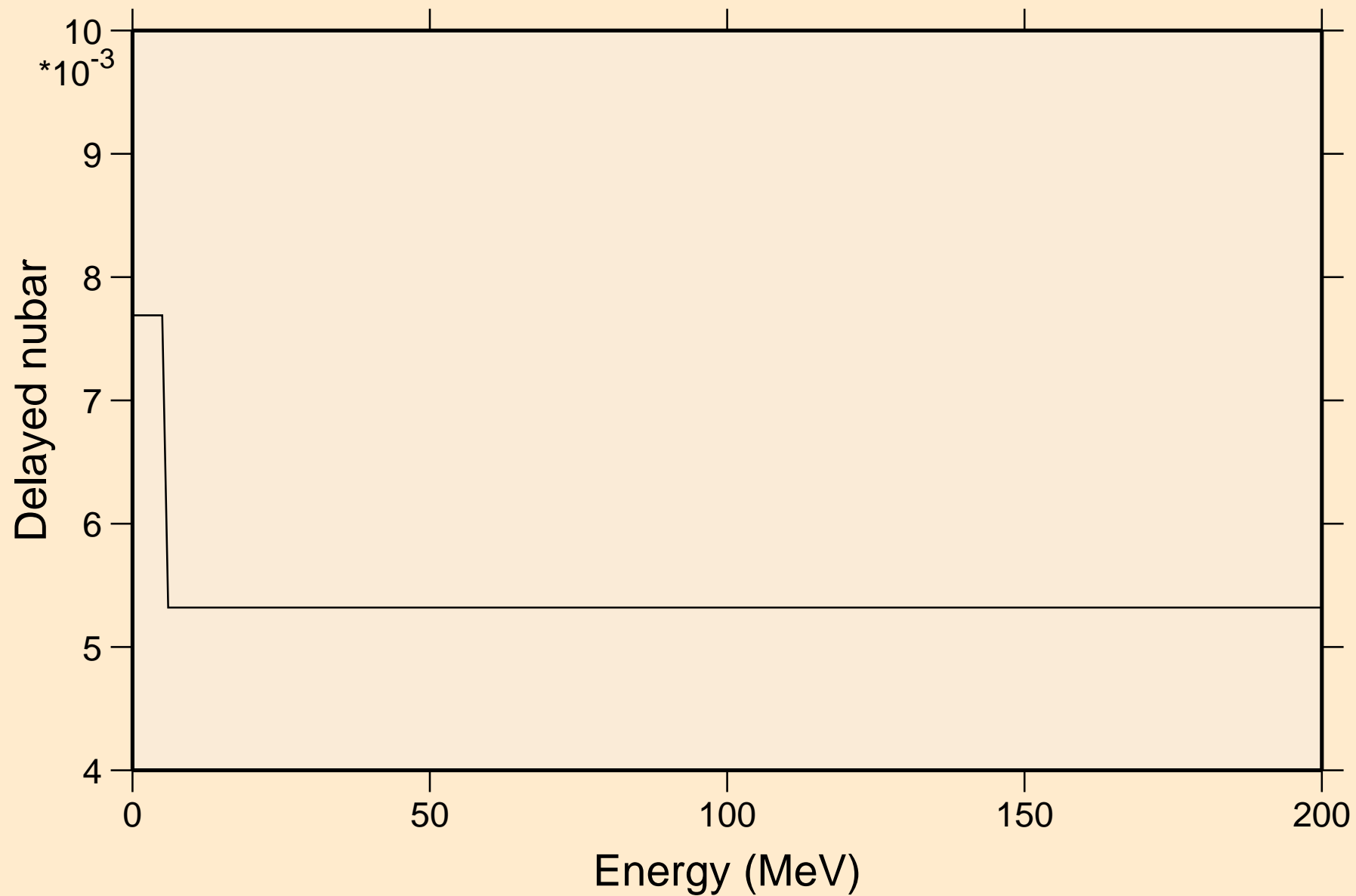


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



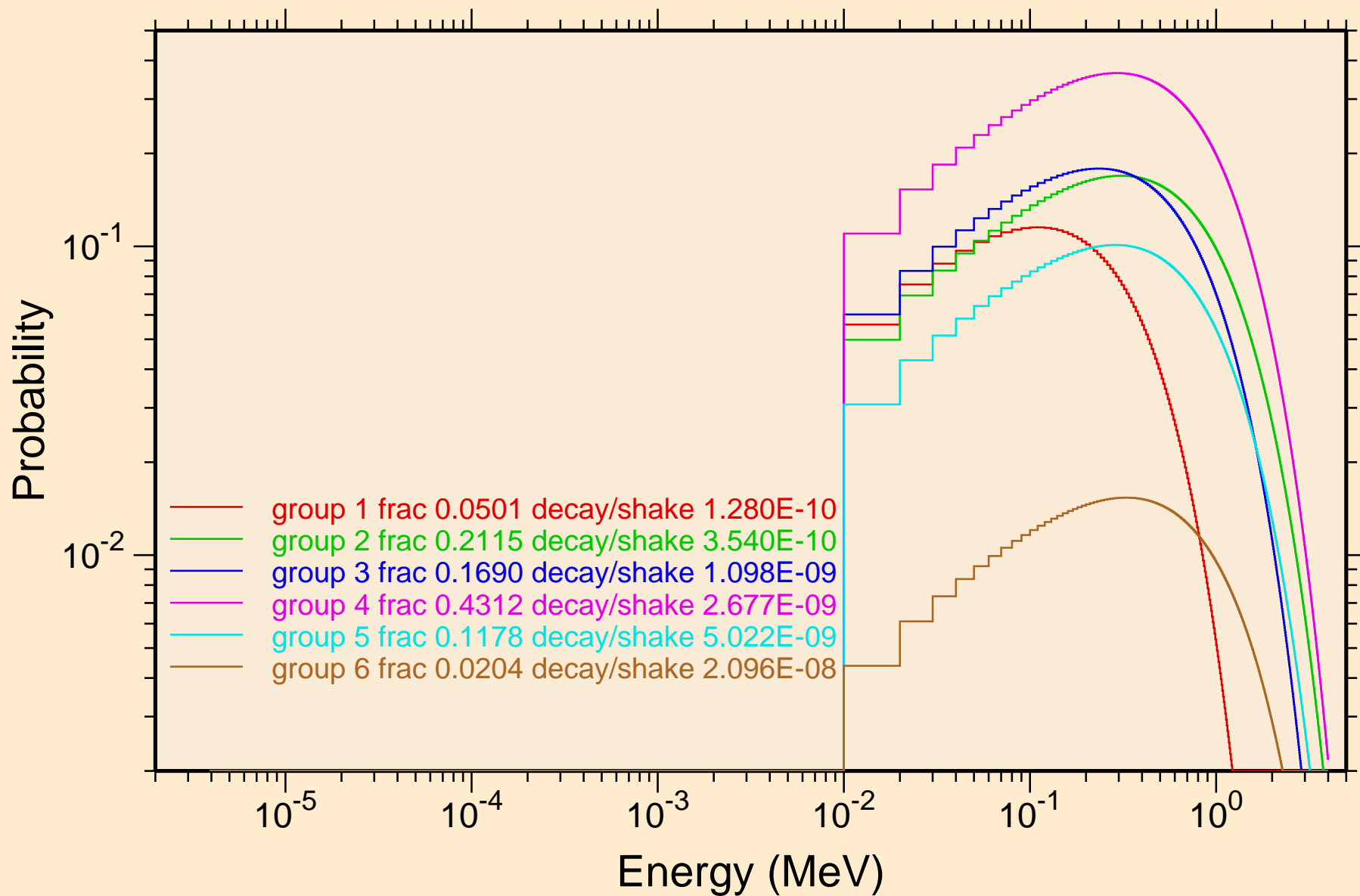
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

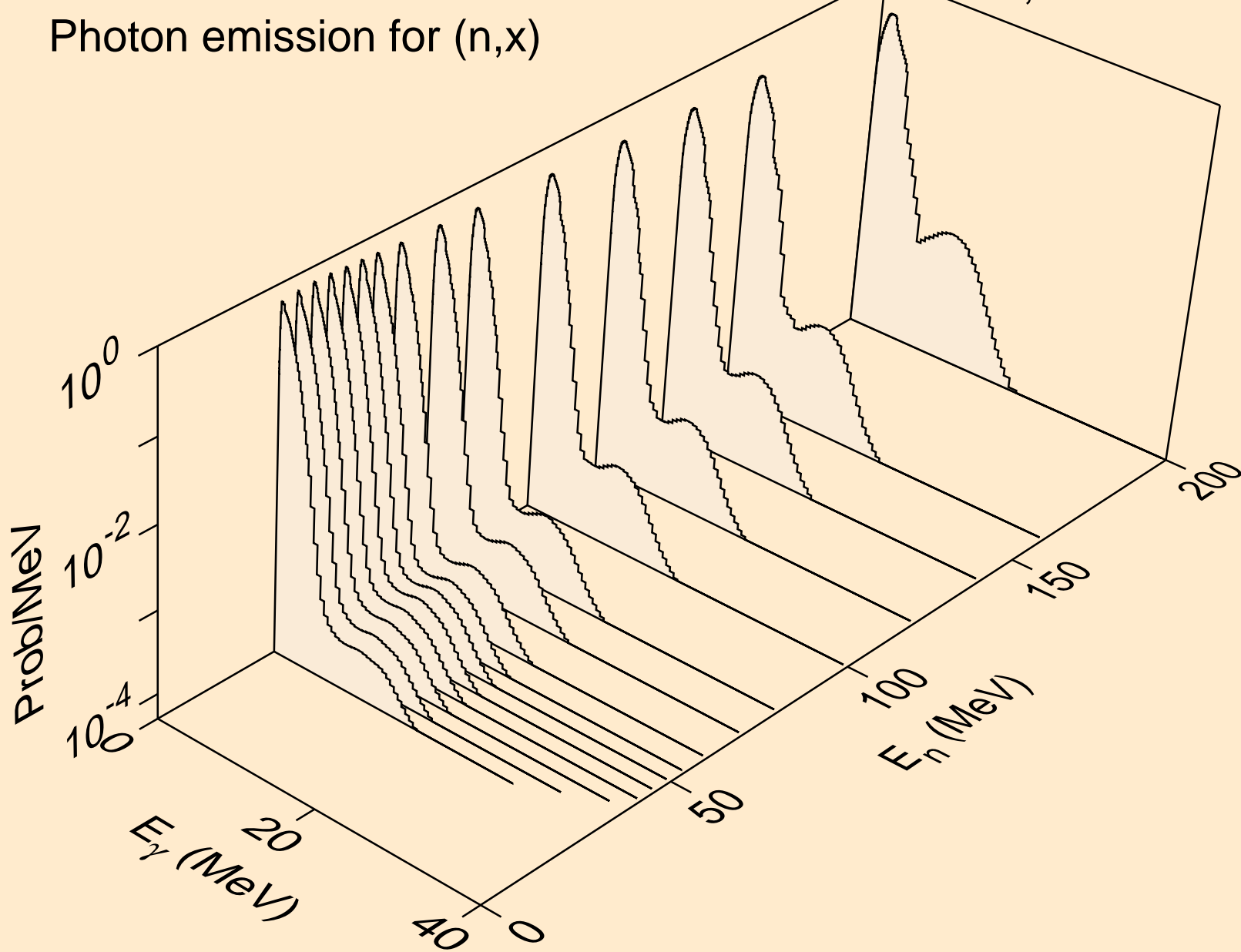


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

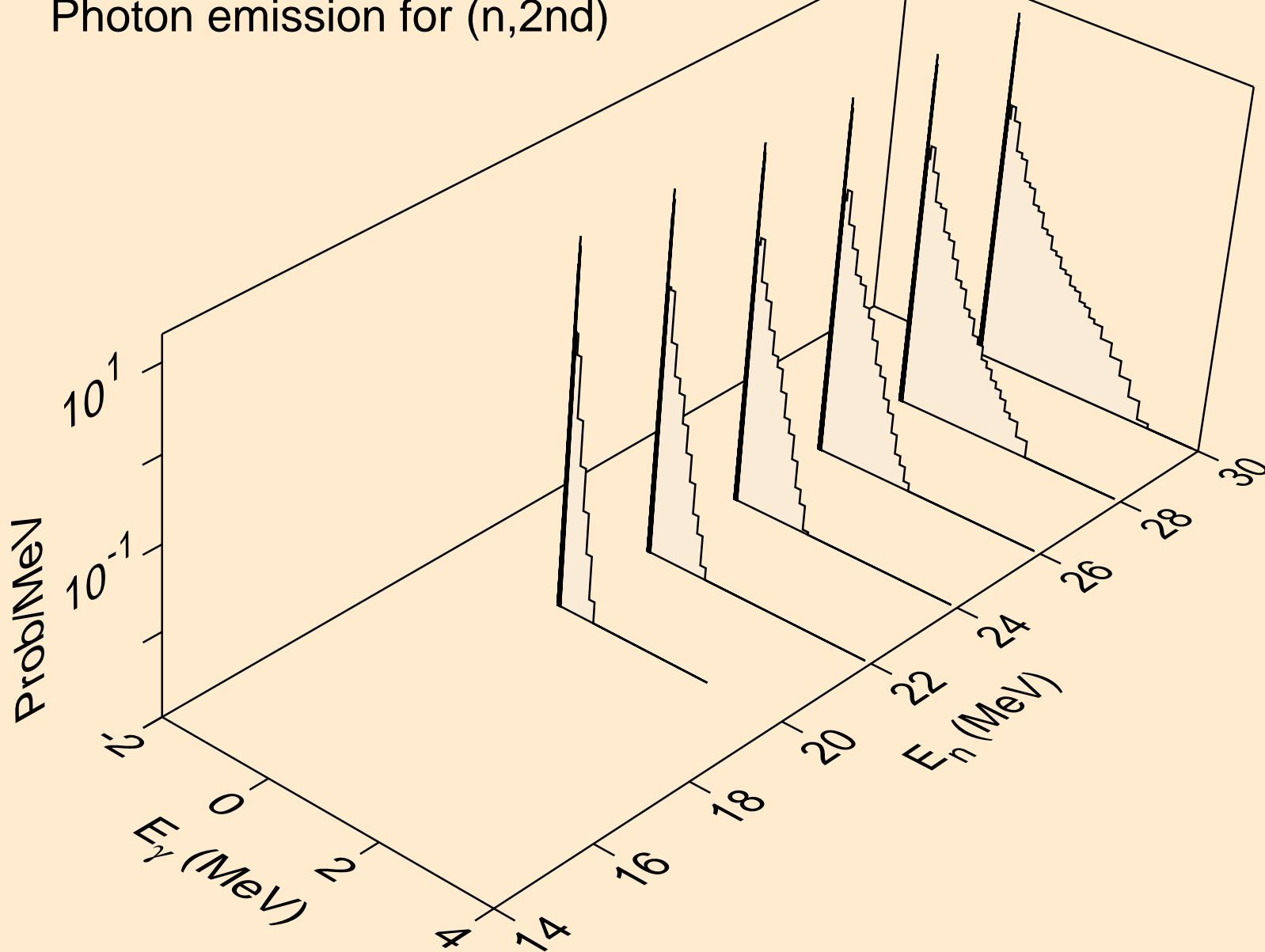
Delayed neutron spectra



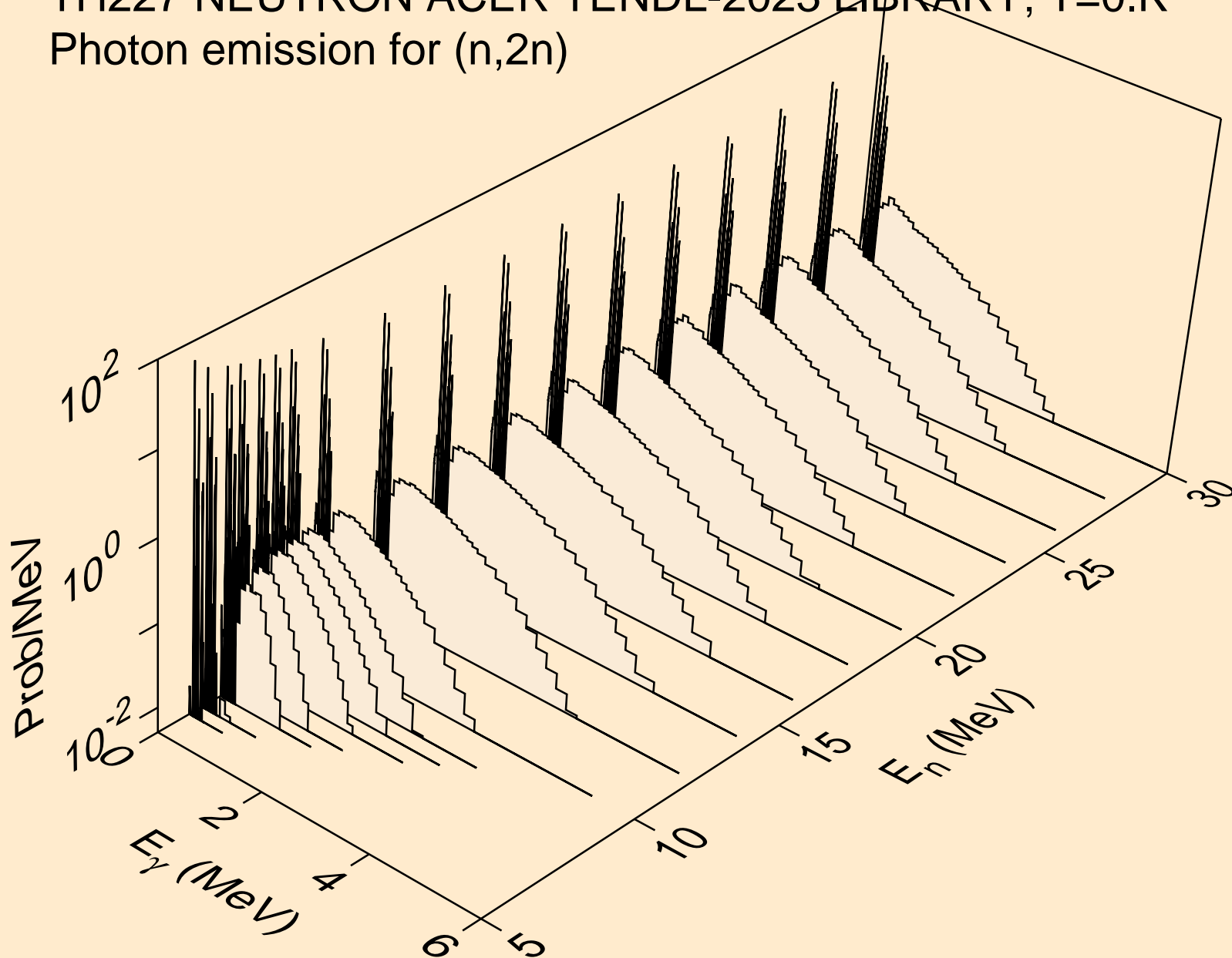
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



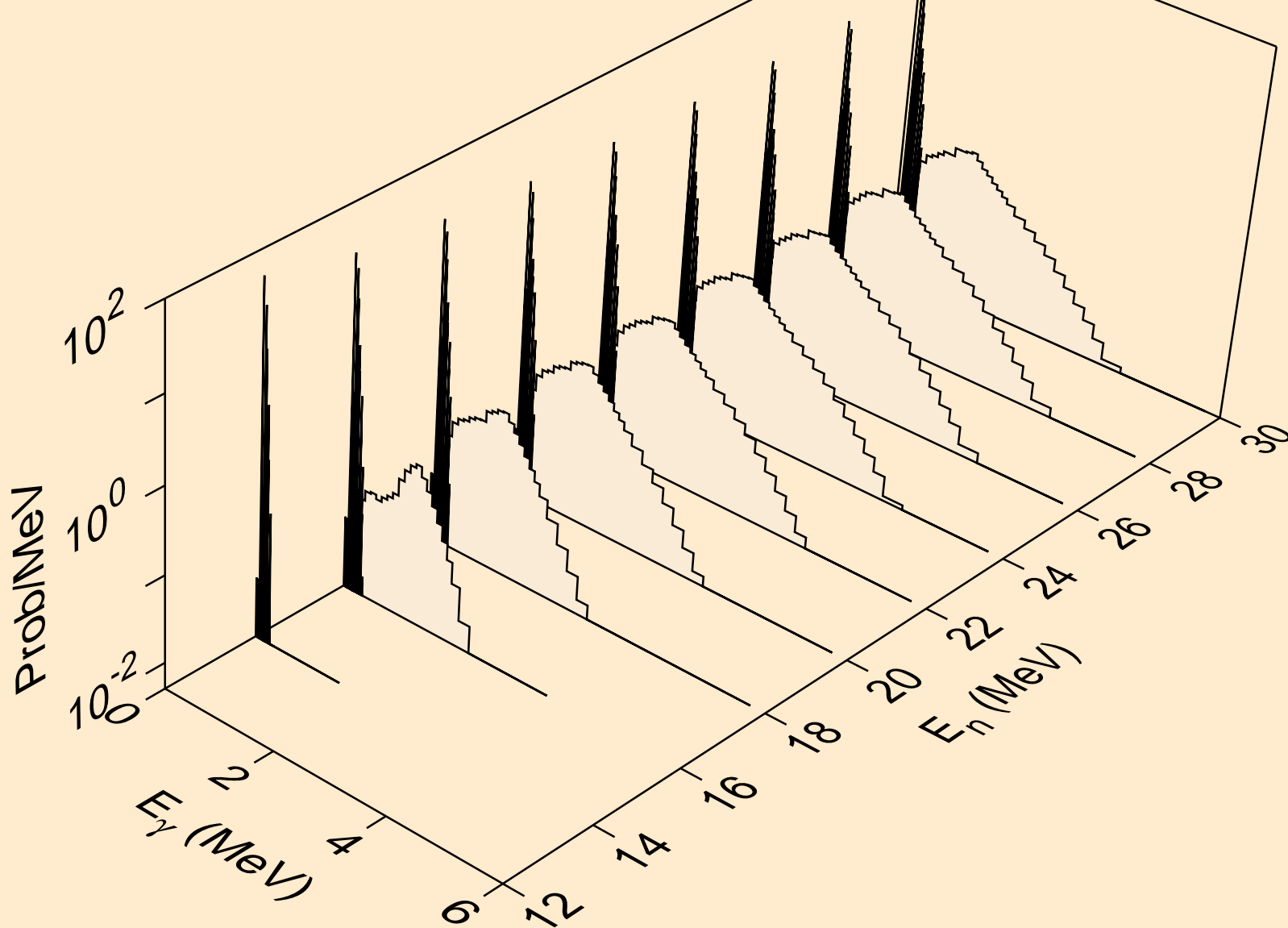
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



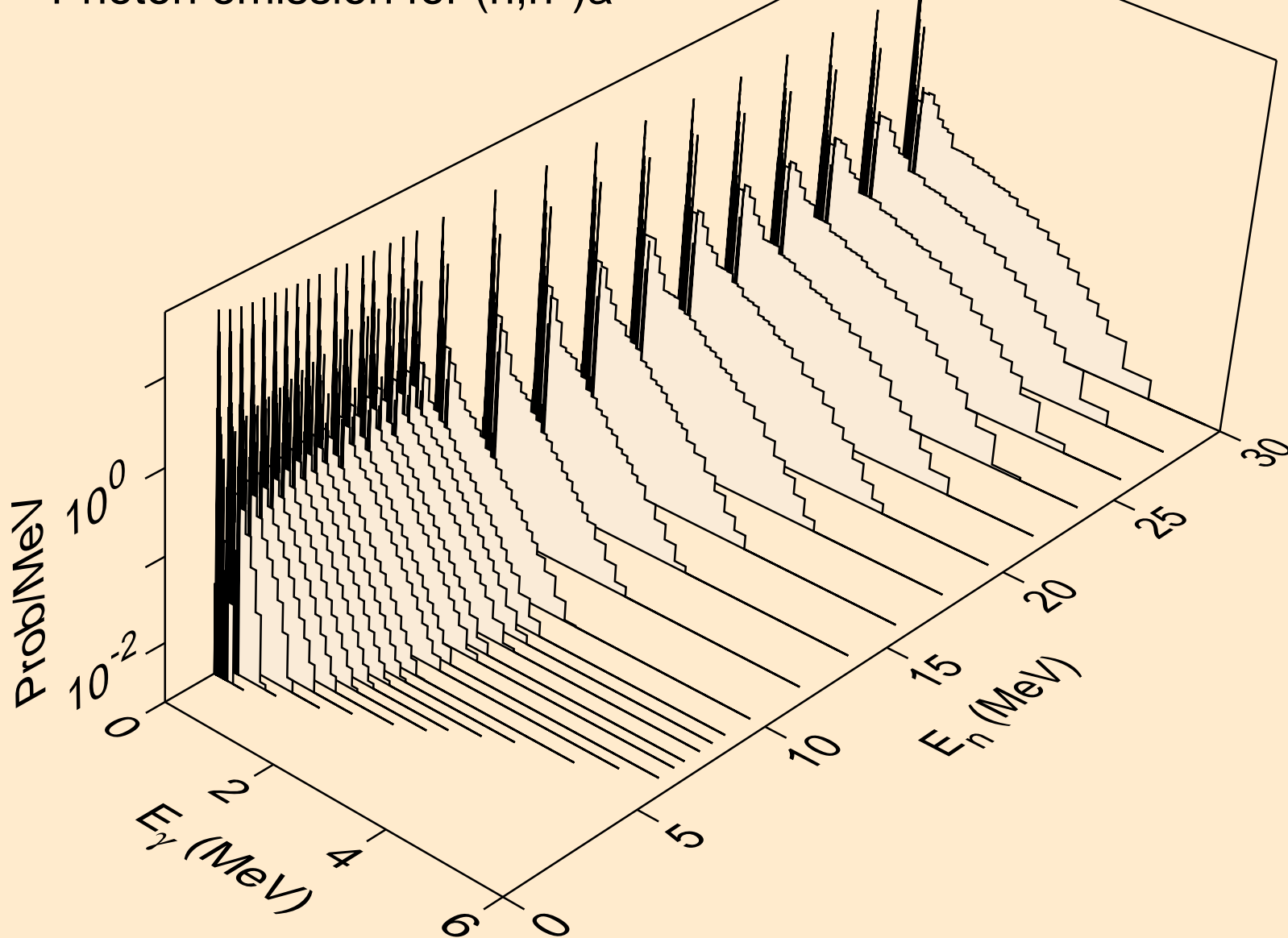
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



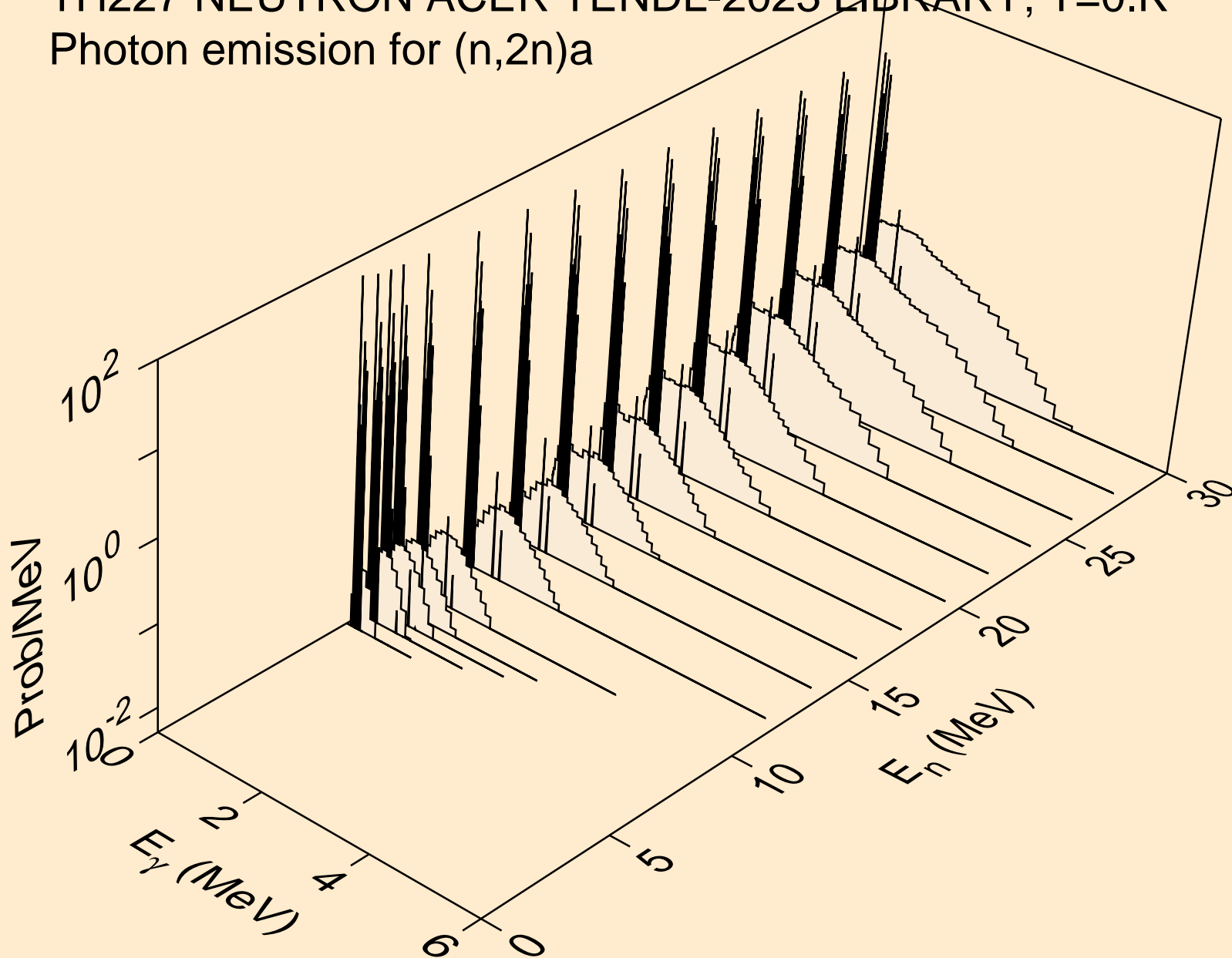
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



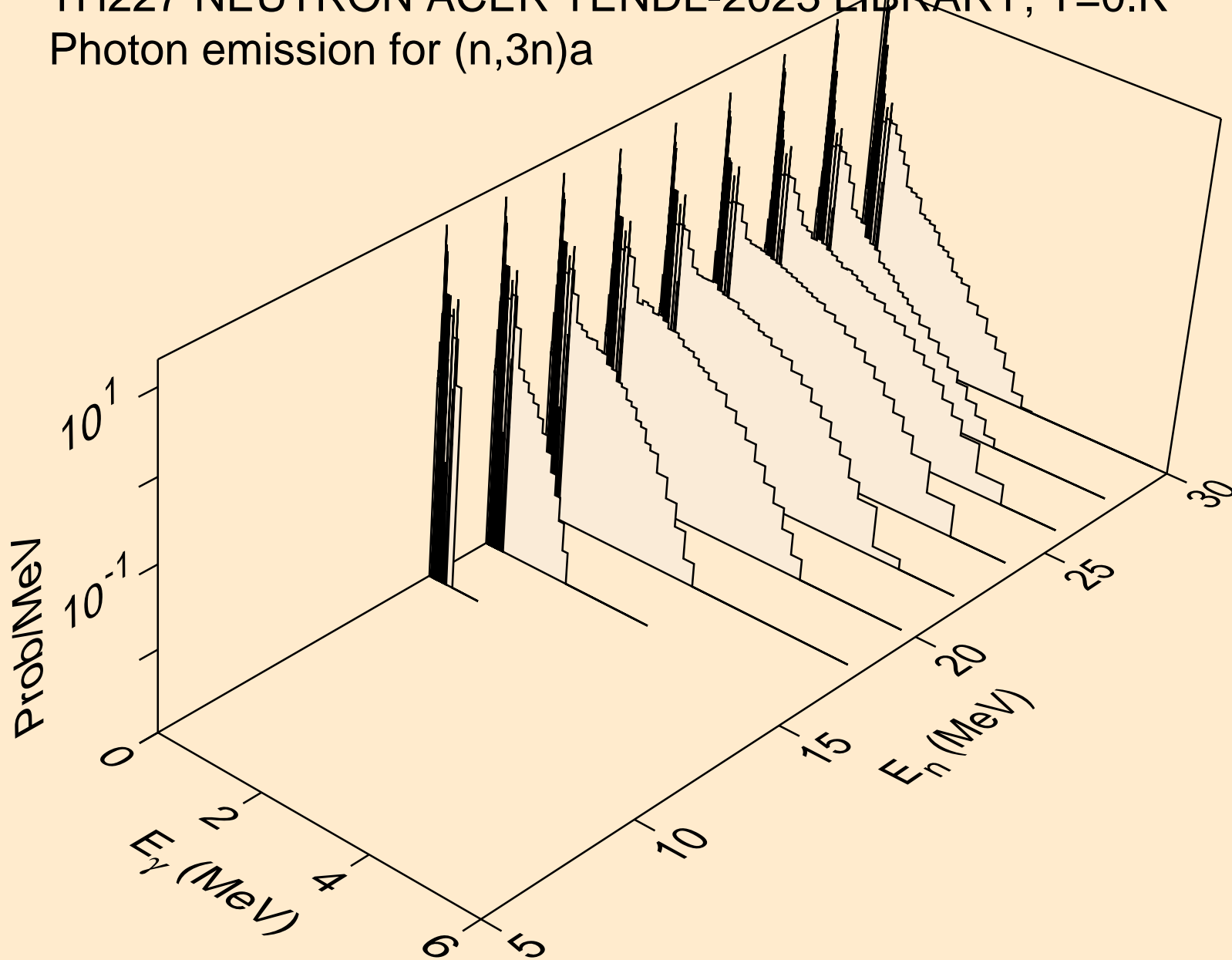
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



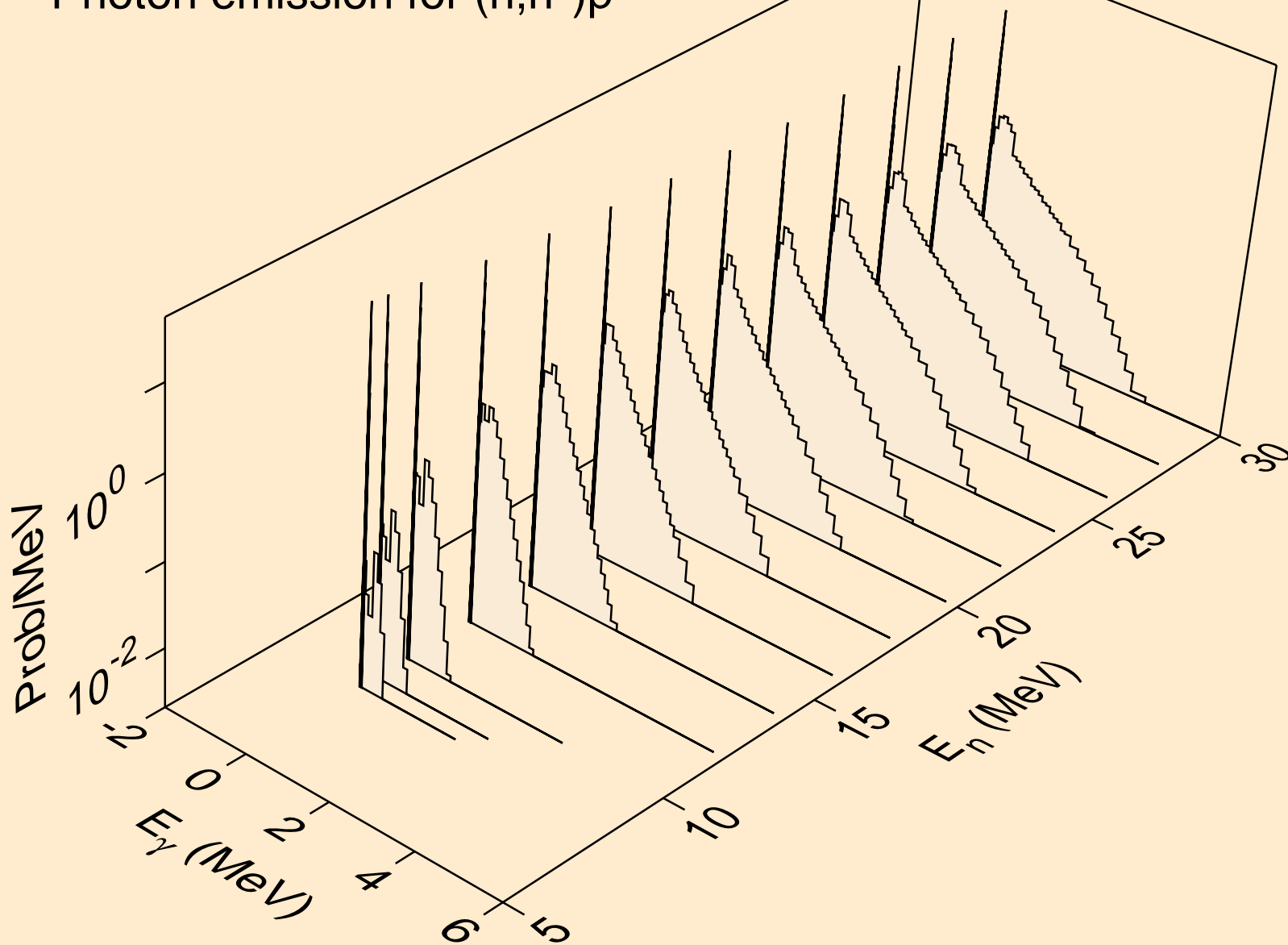
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



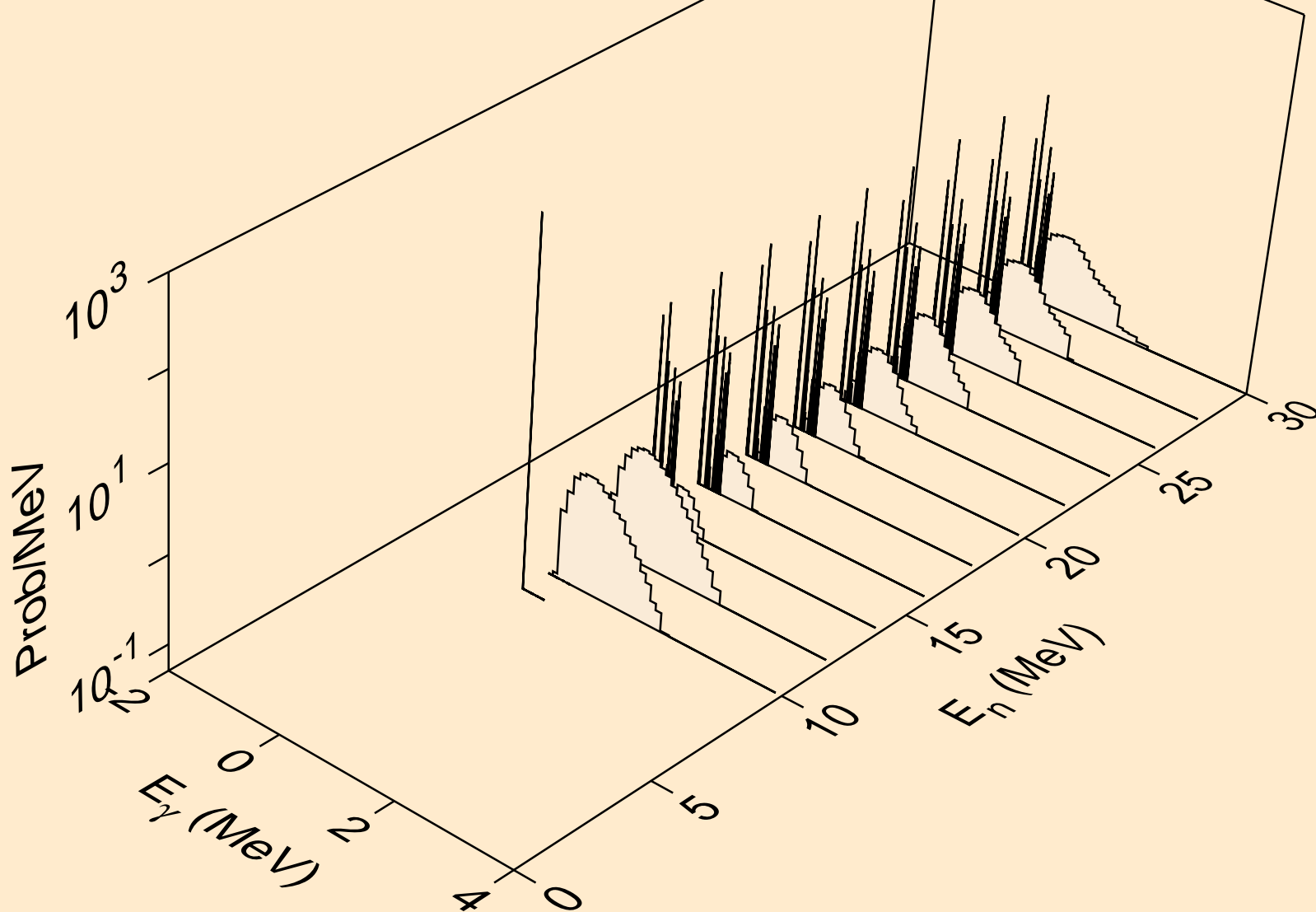
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



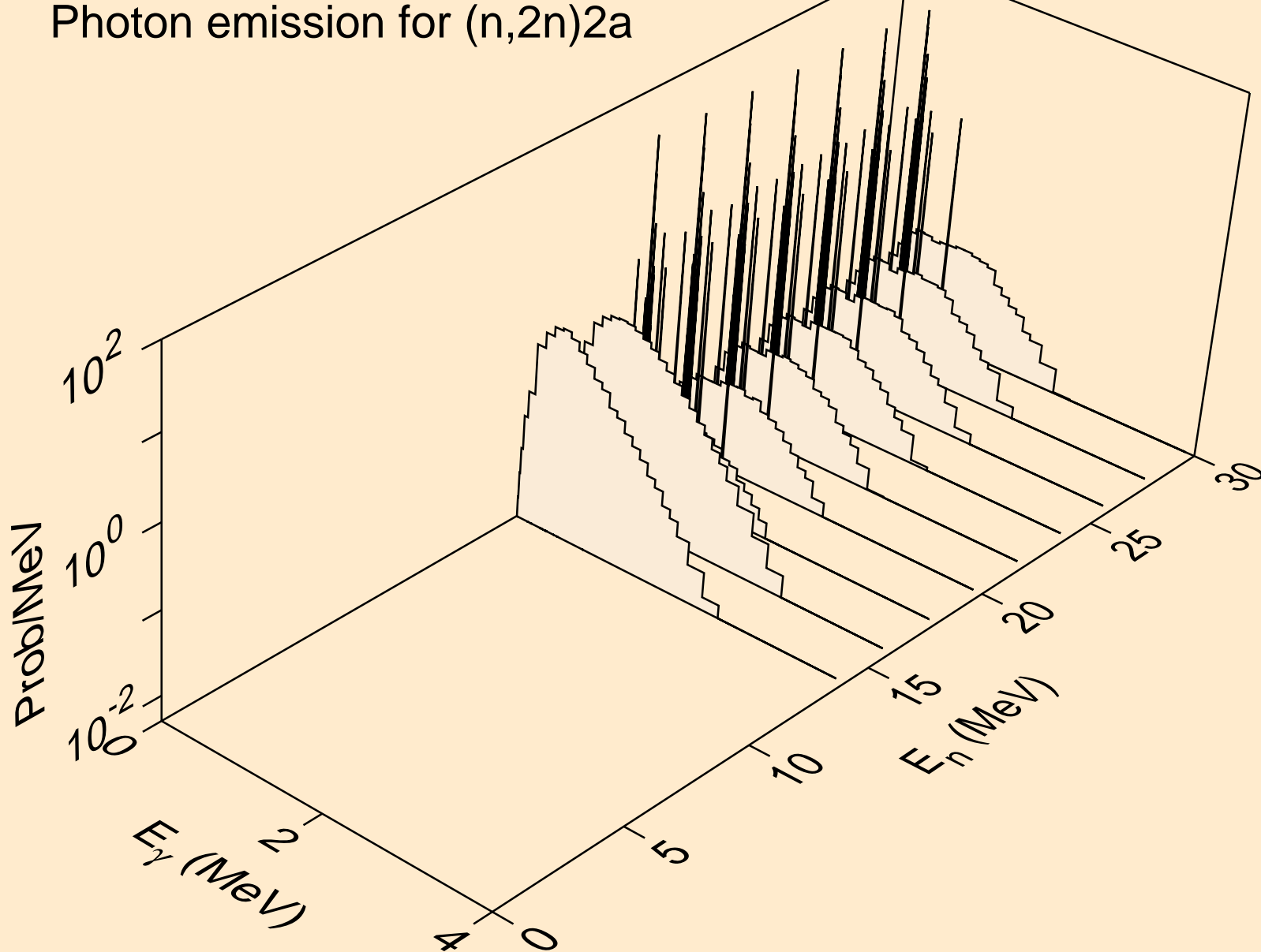
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



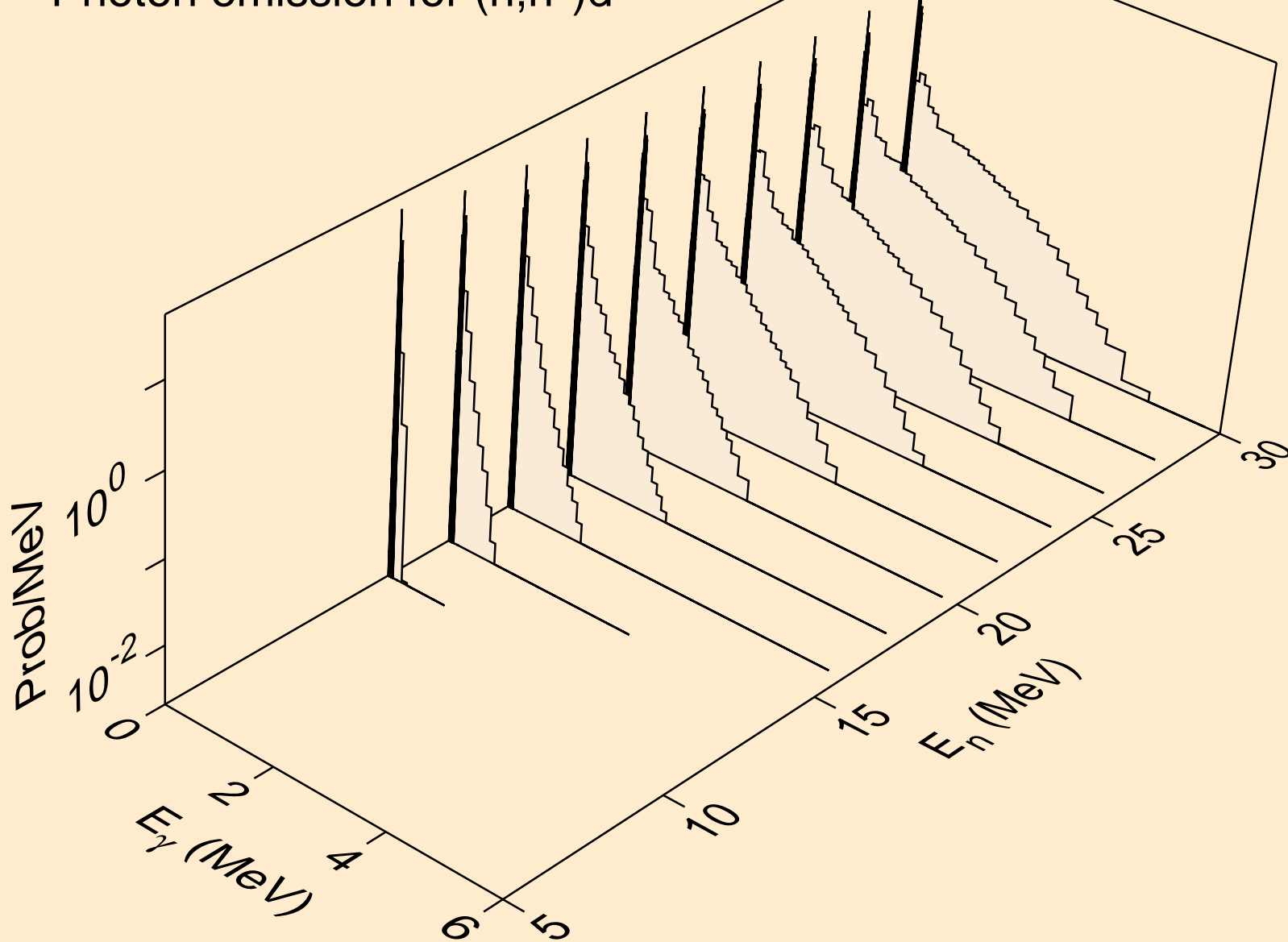
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



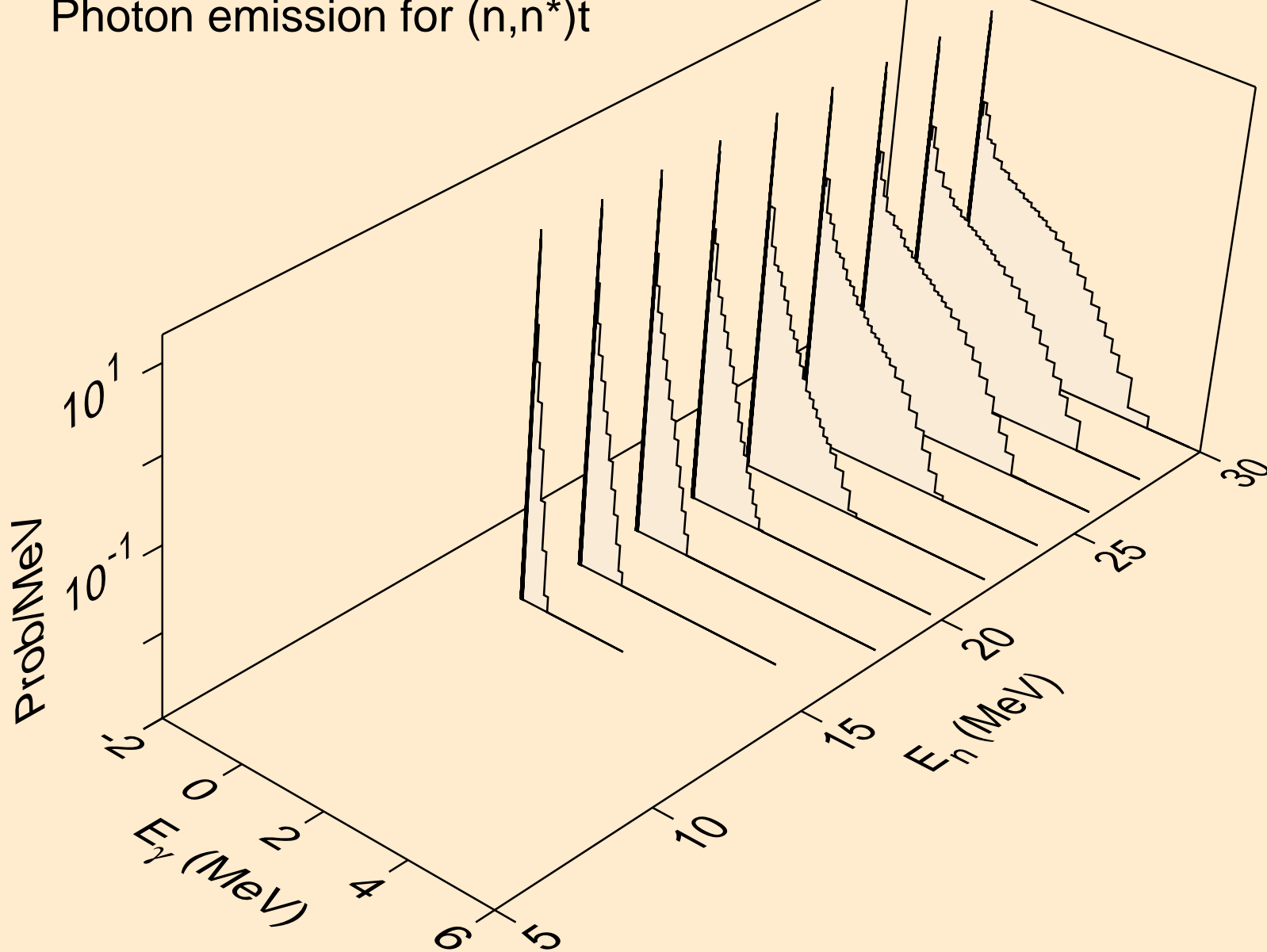
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)2a



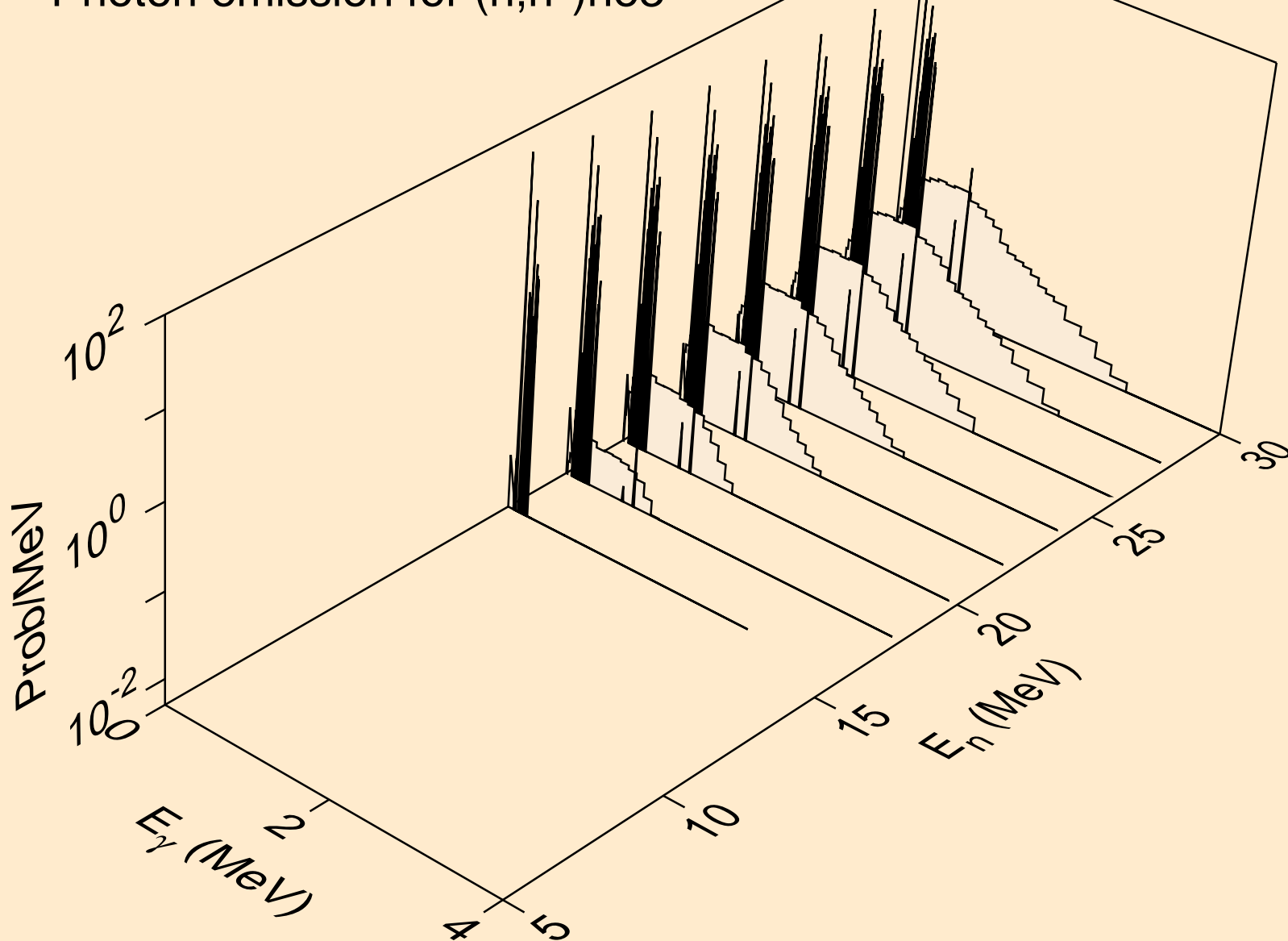
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



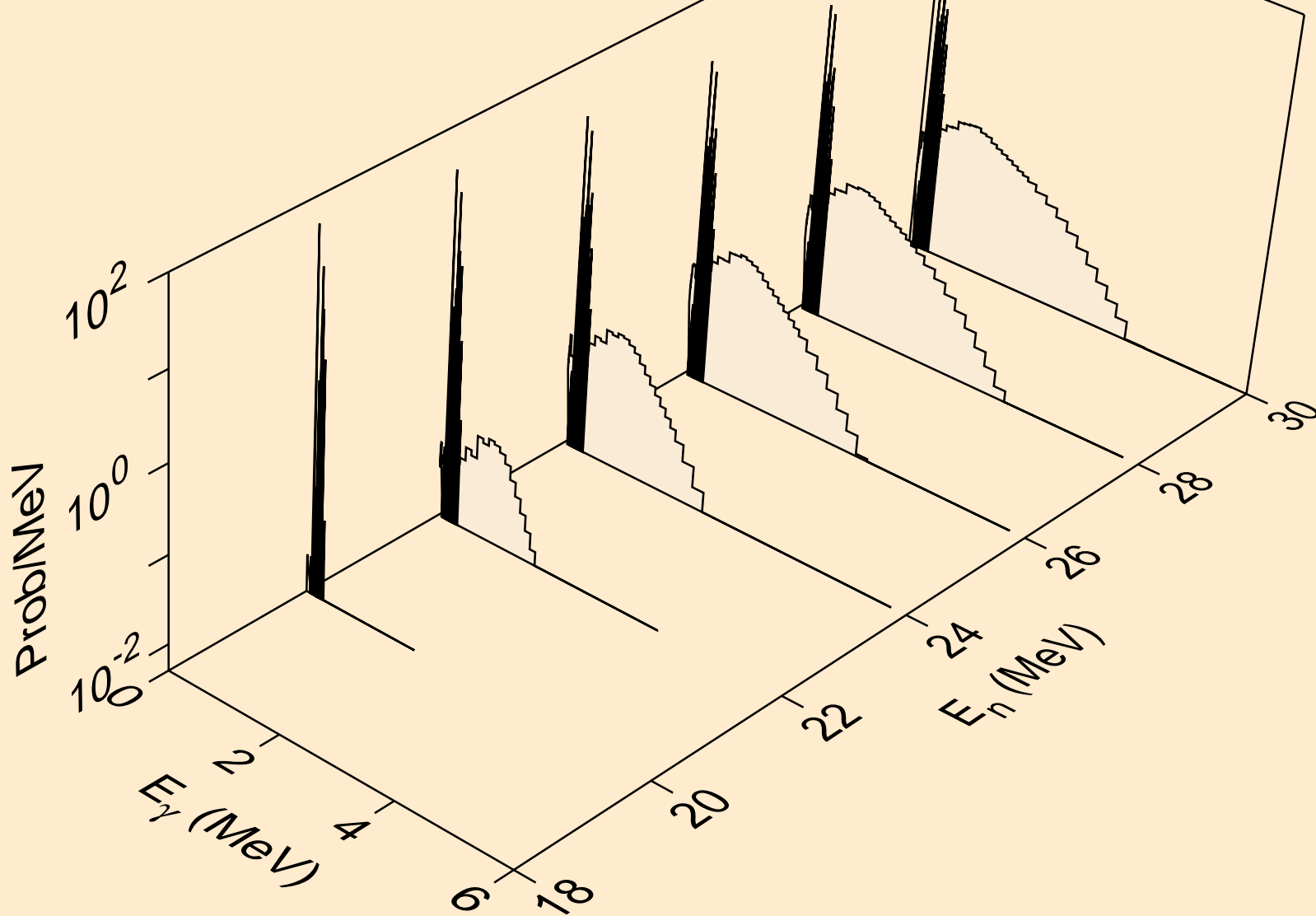
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



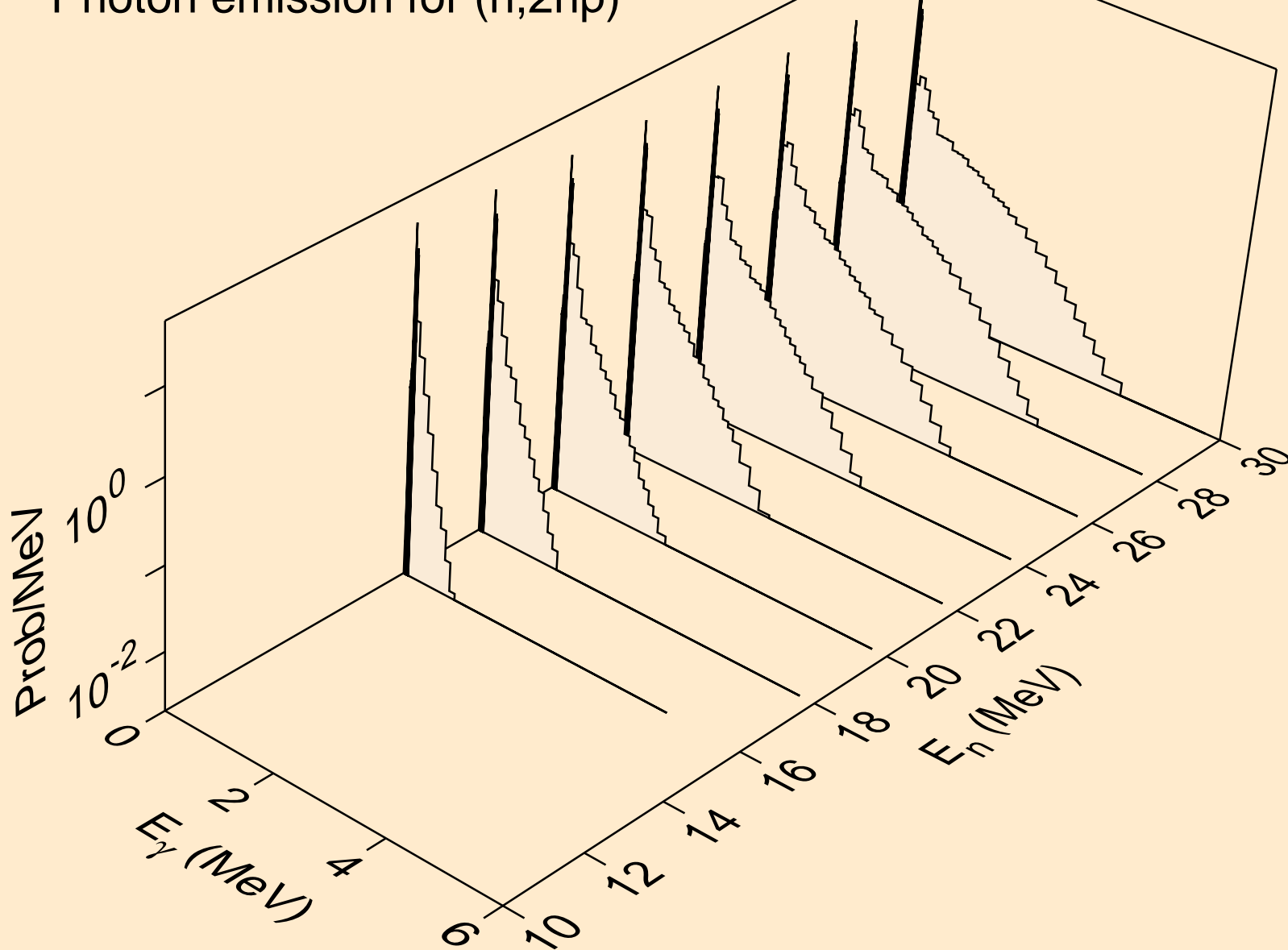
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



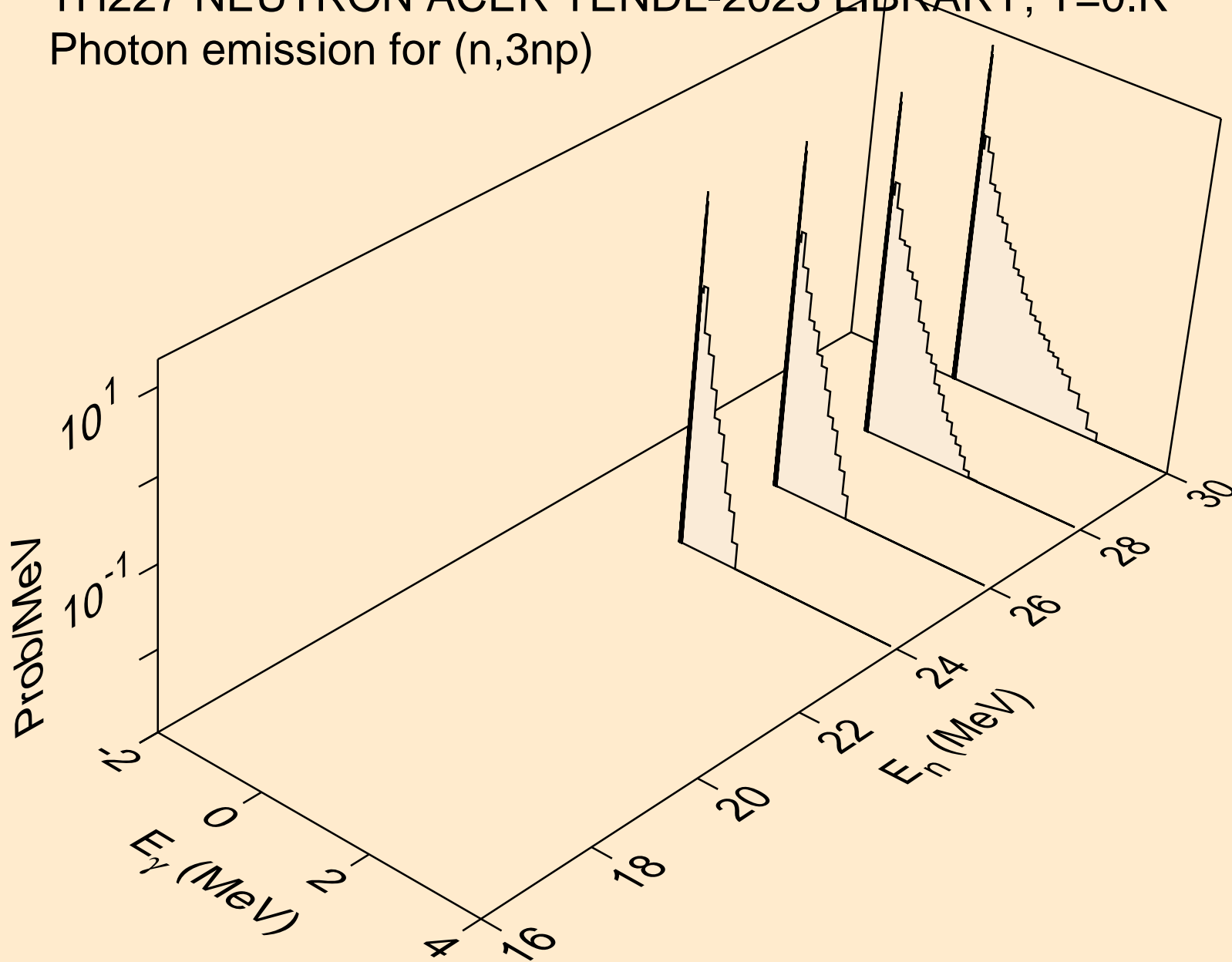
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



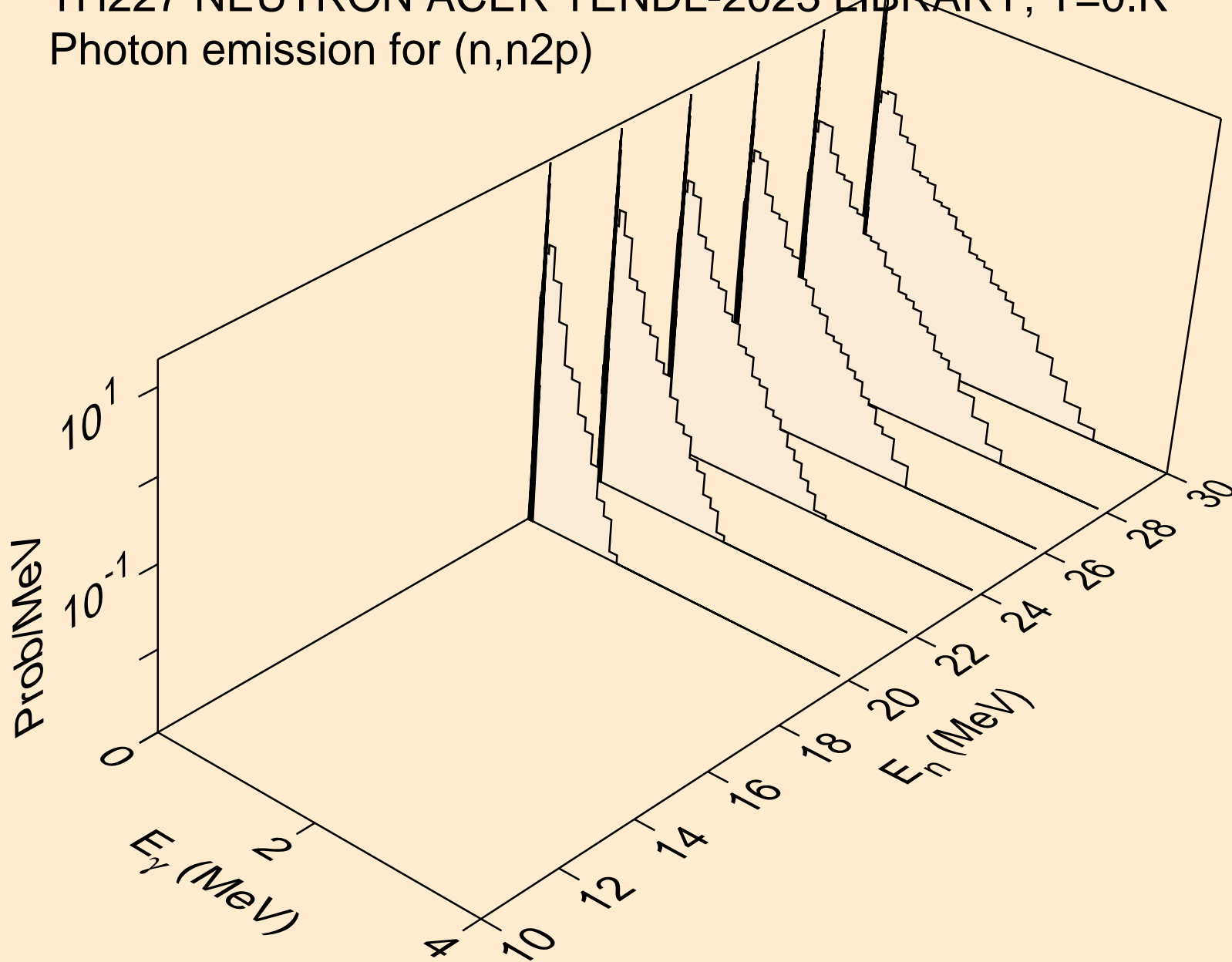
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



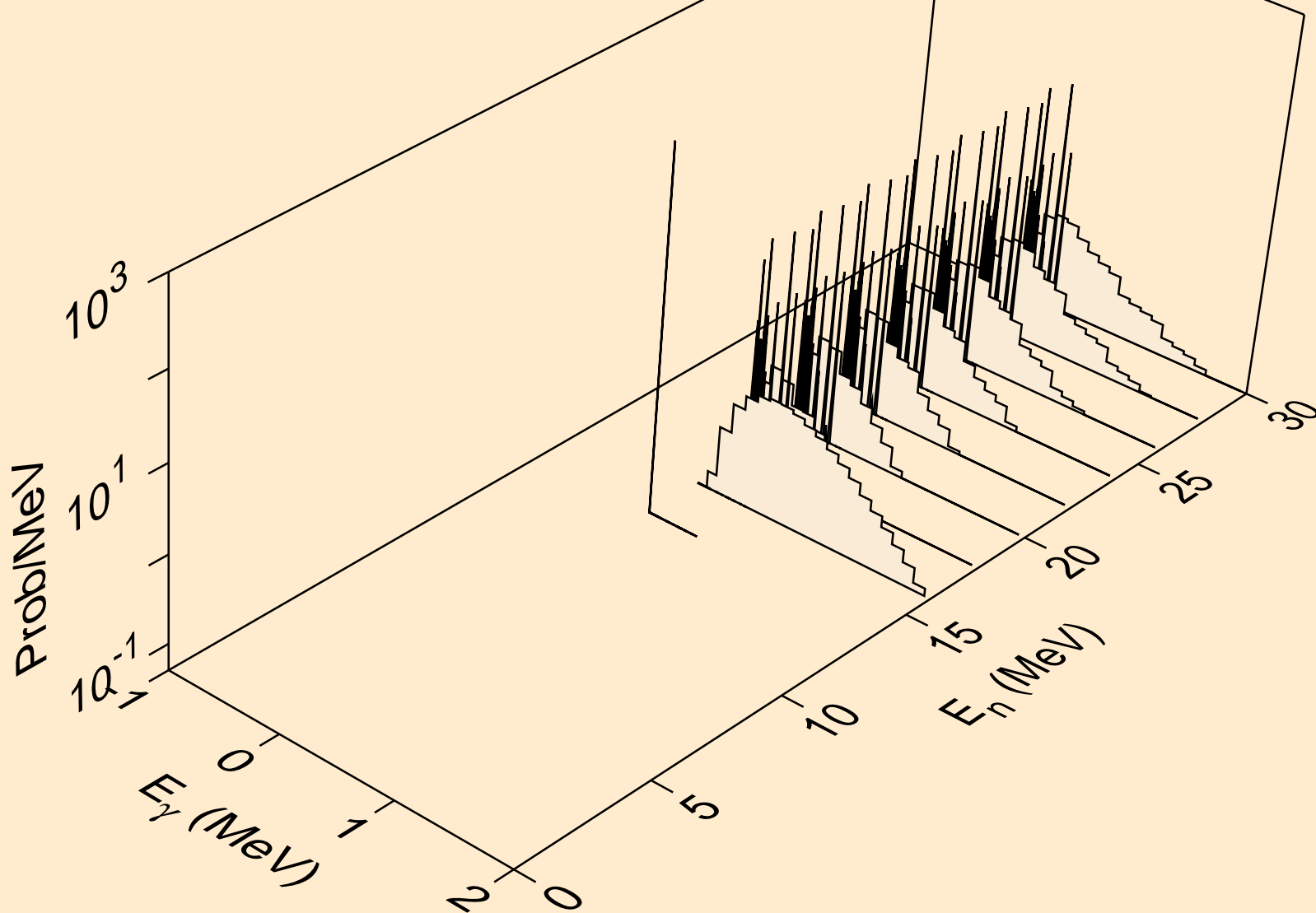
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



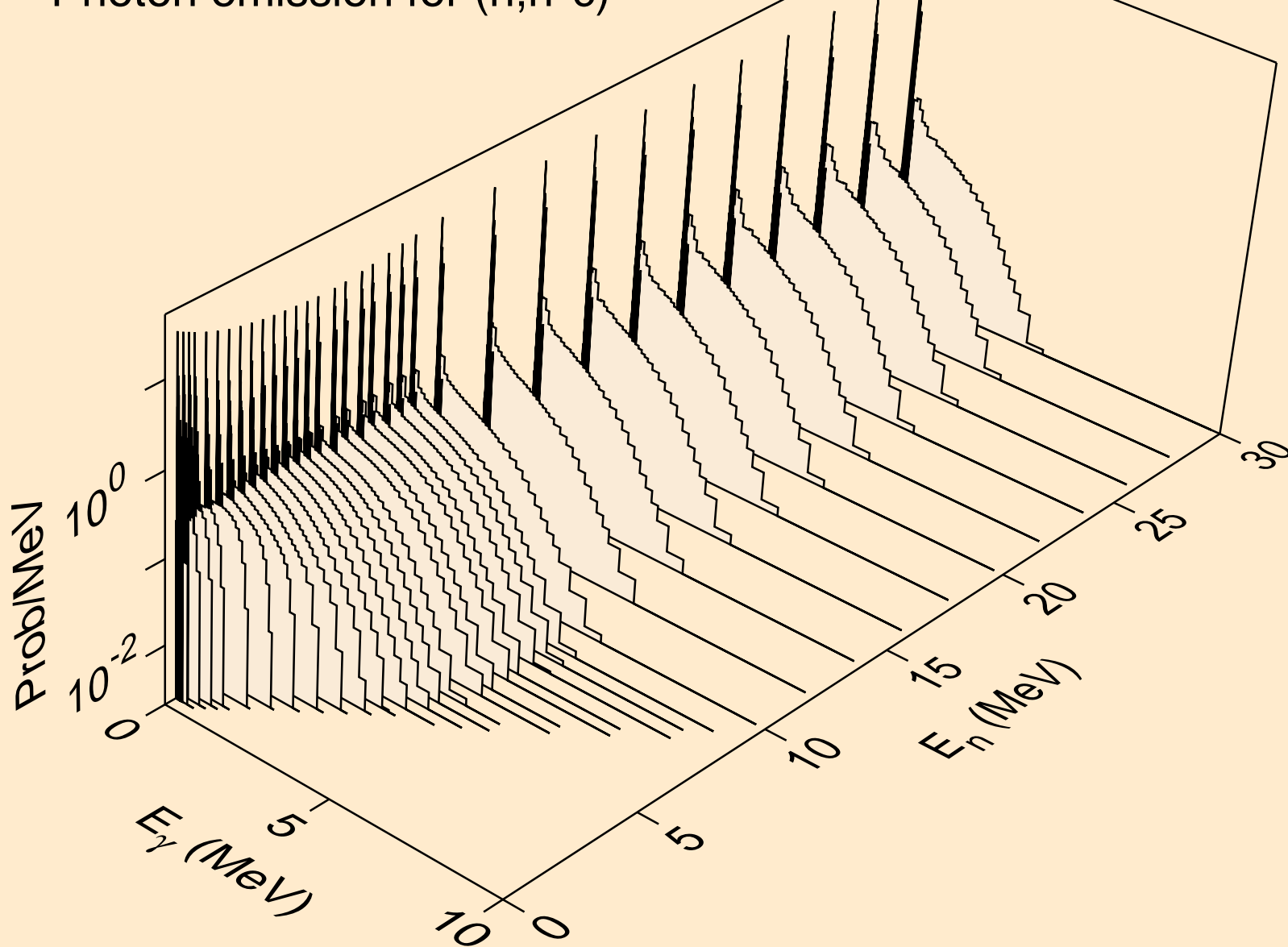
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



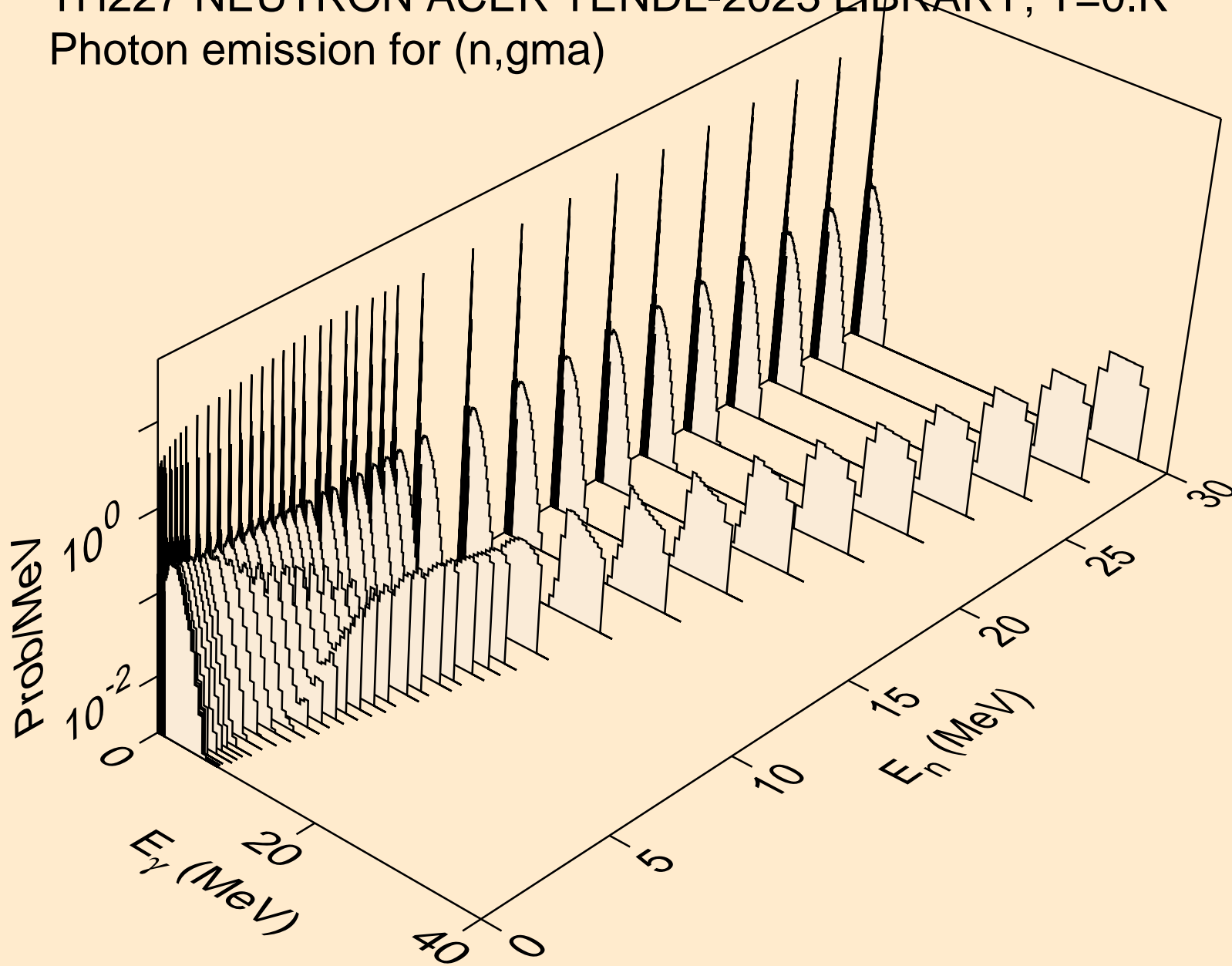
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



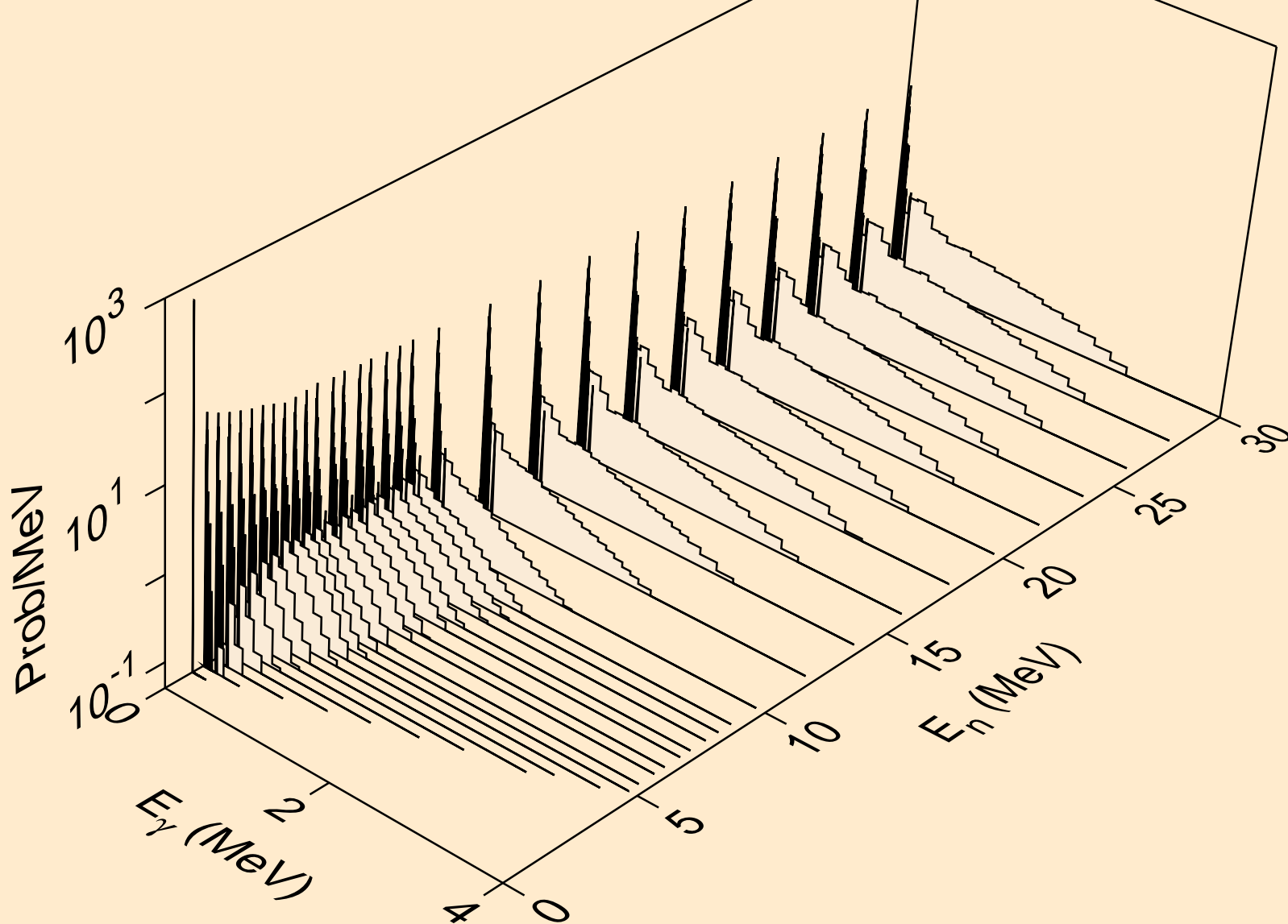
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



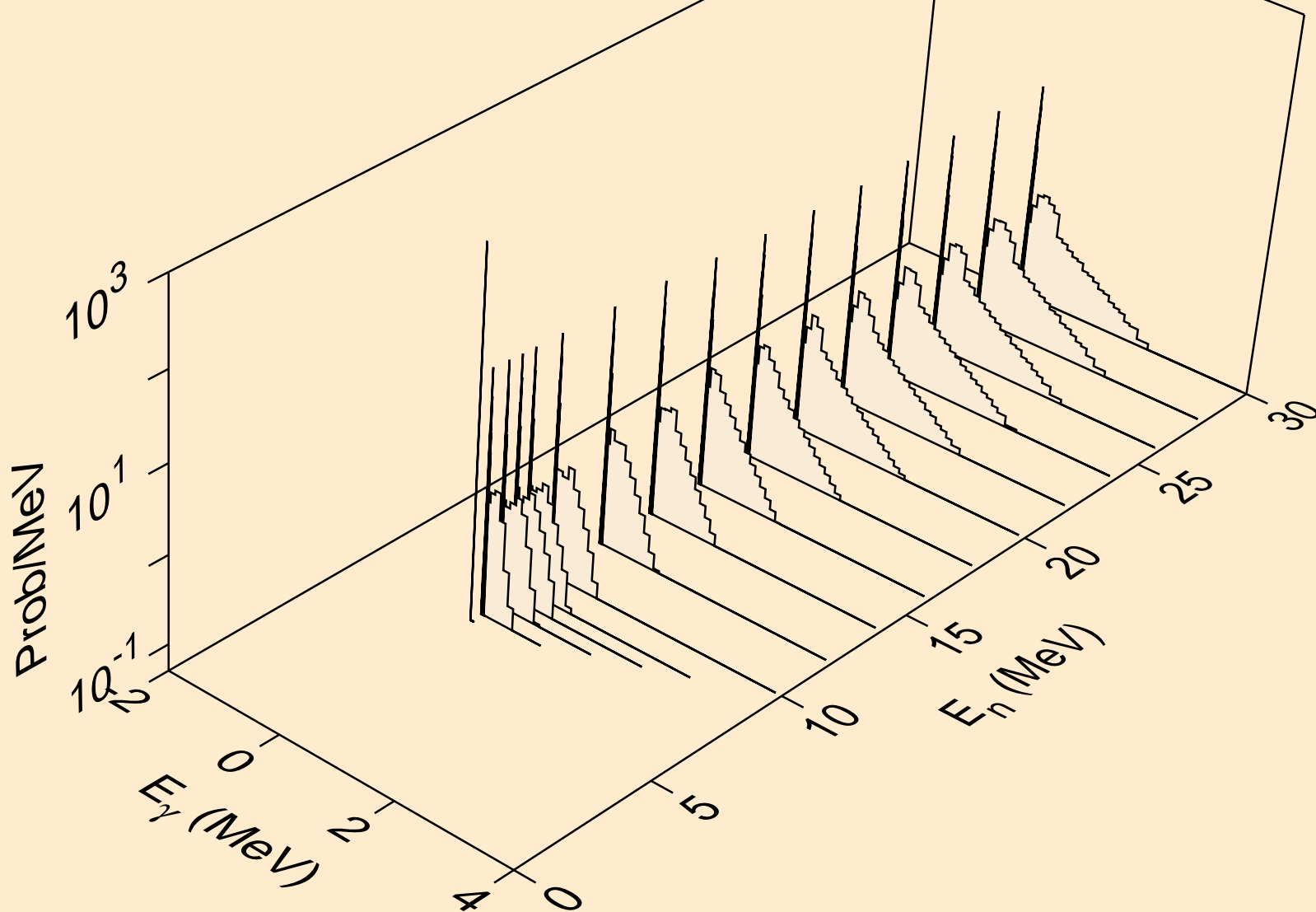
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



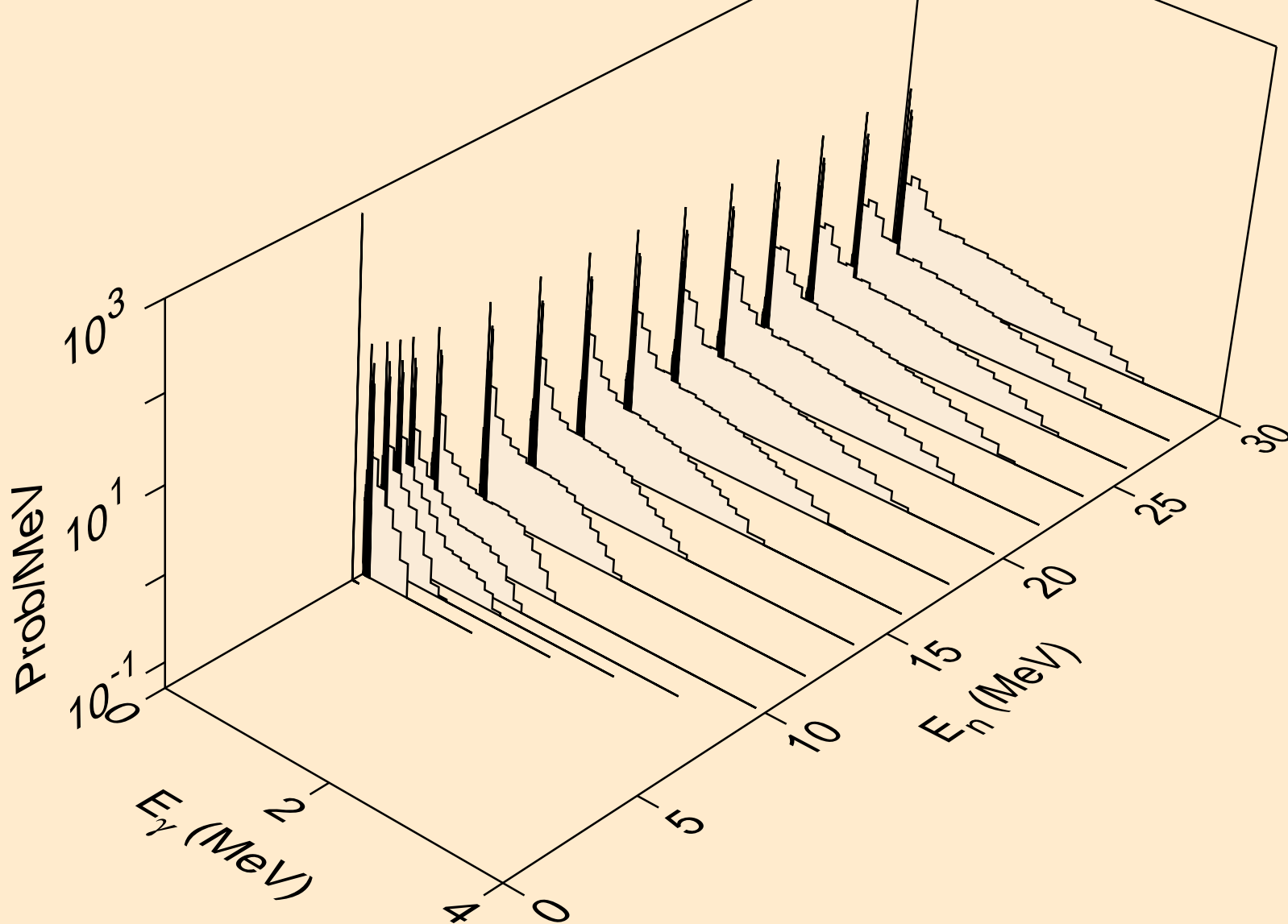
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



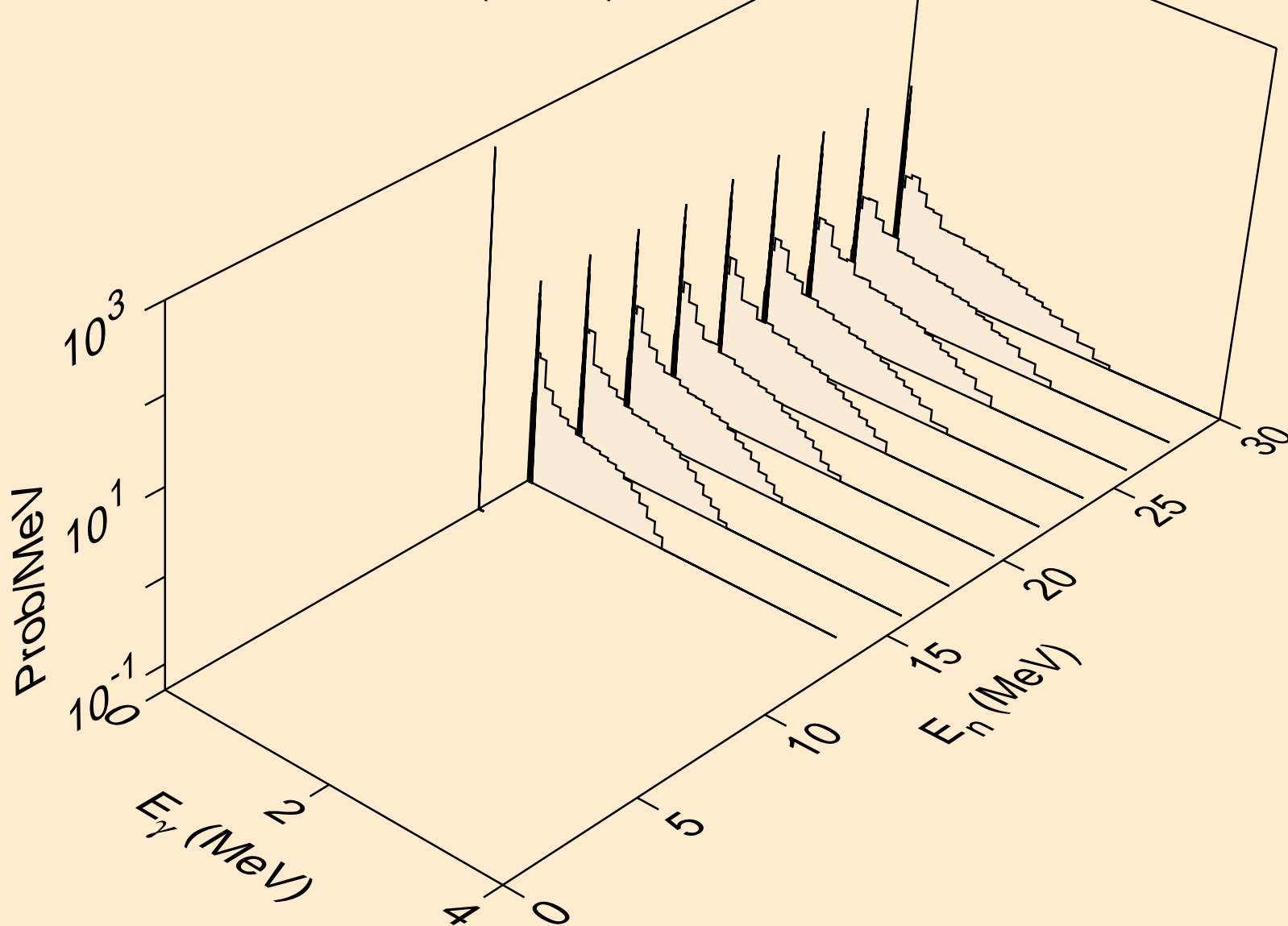
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Photon emission for (n,d)



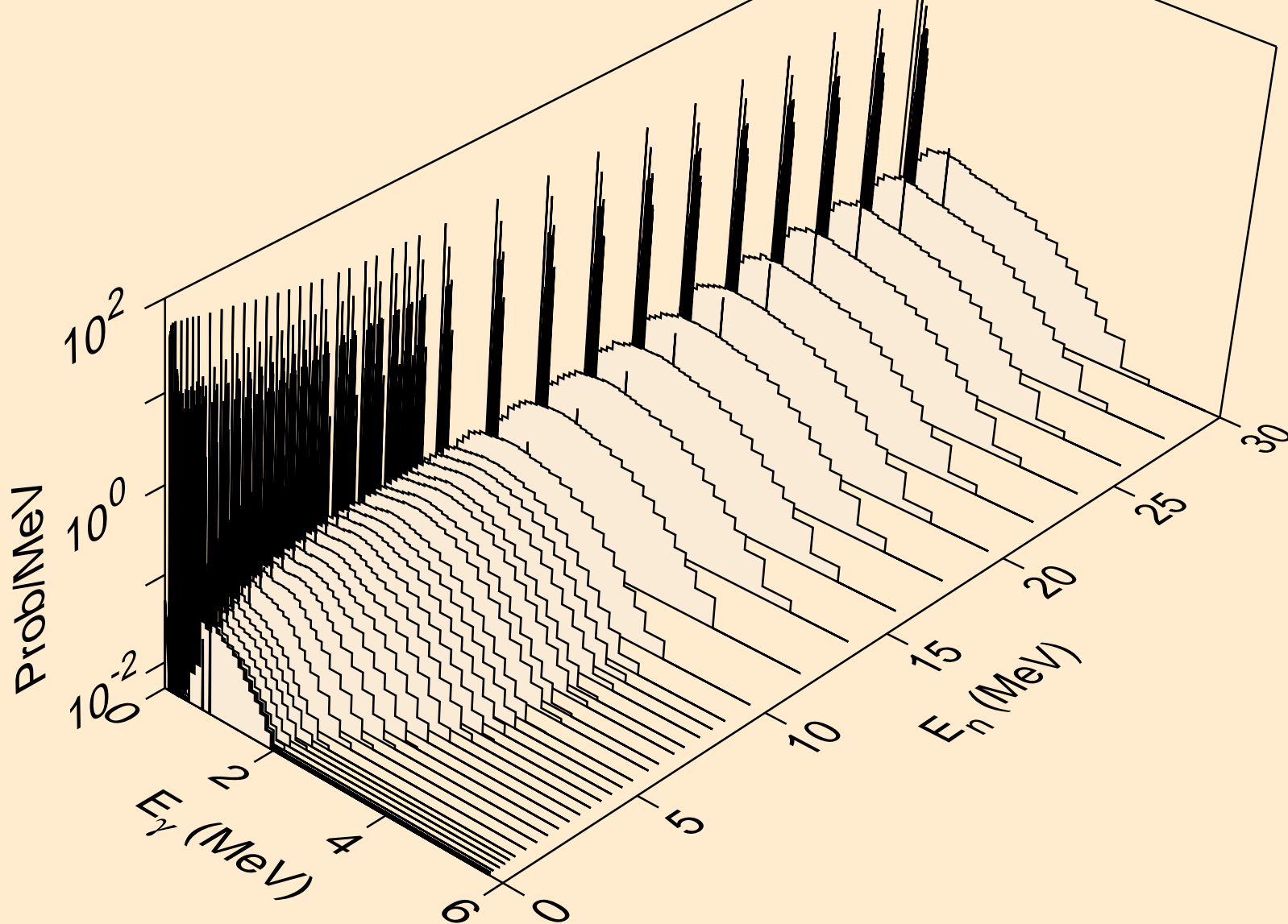
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



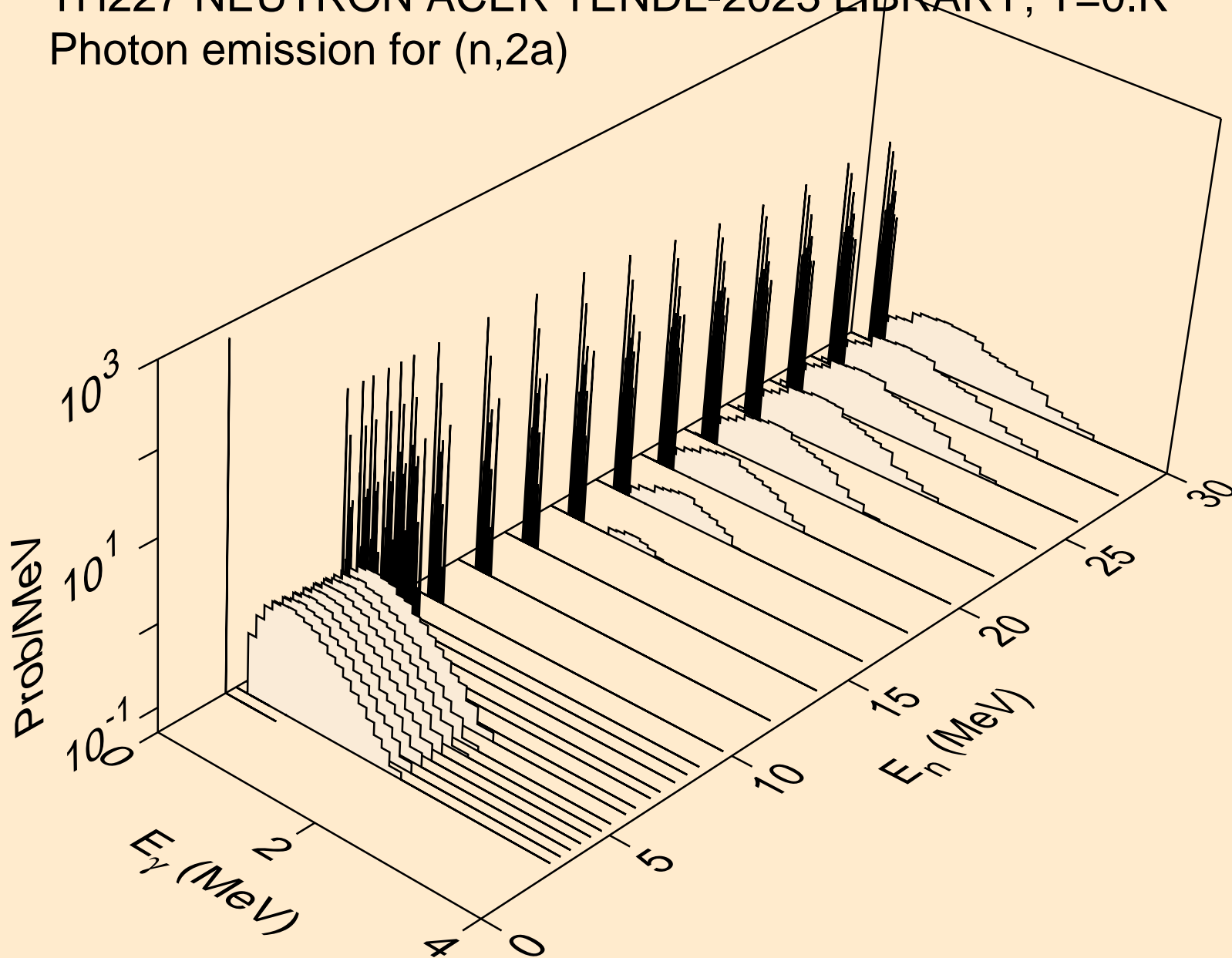
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Photon emission for (n,he3)



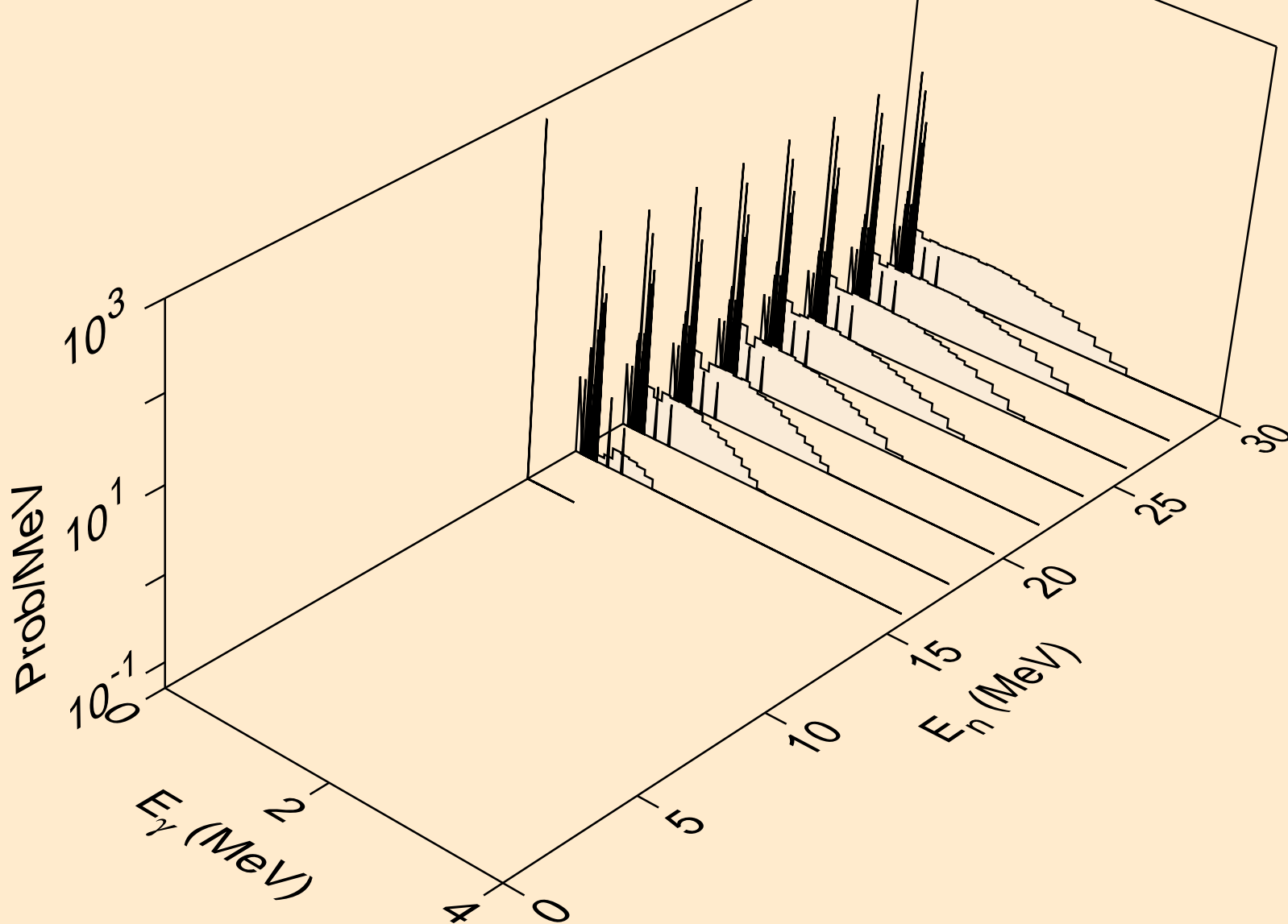
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Photon emission for (n,a)



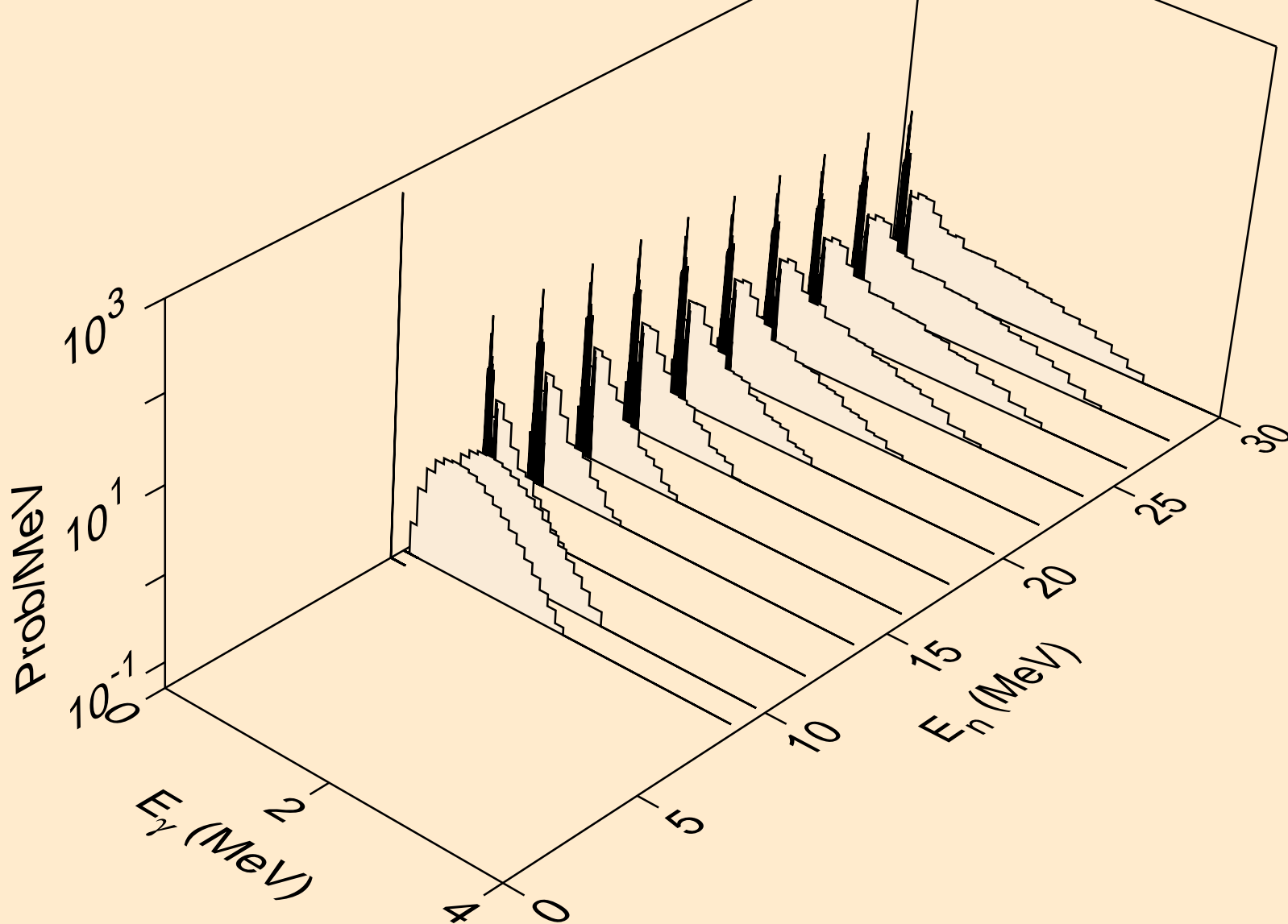
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Photon emission for (n,2a)



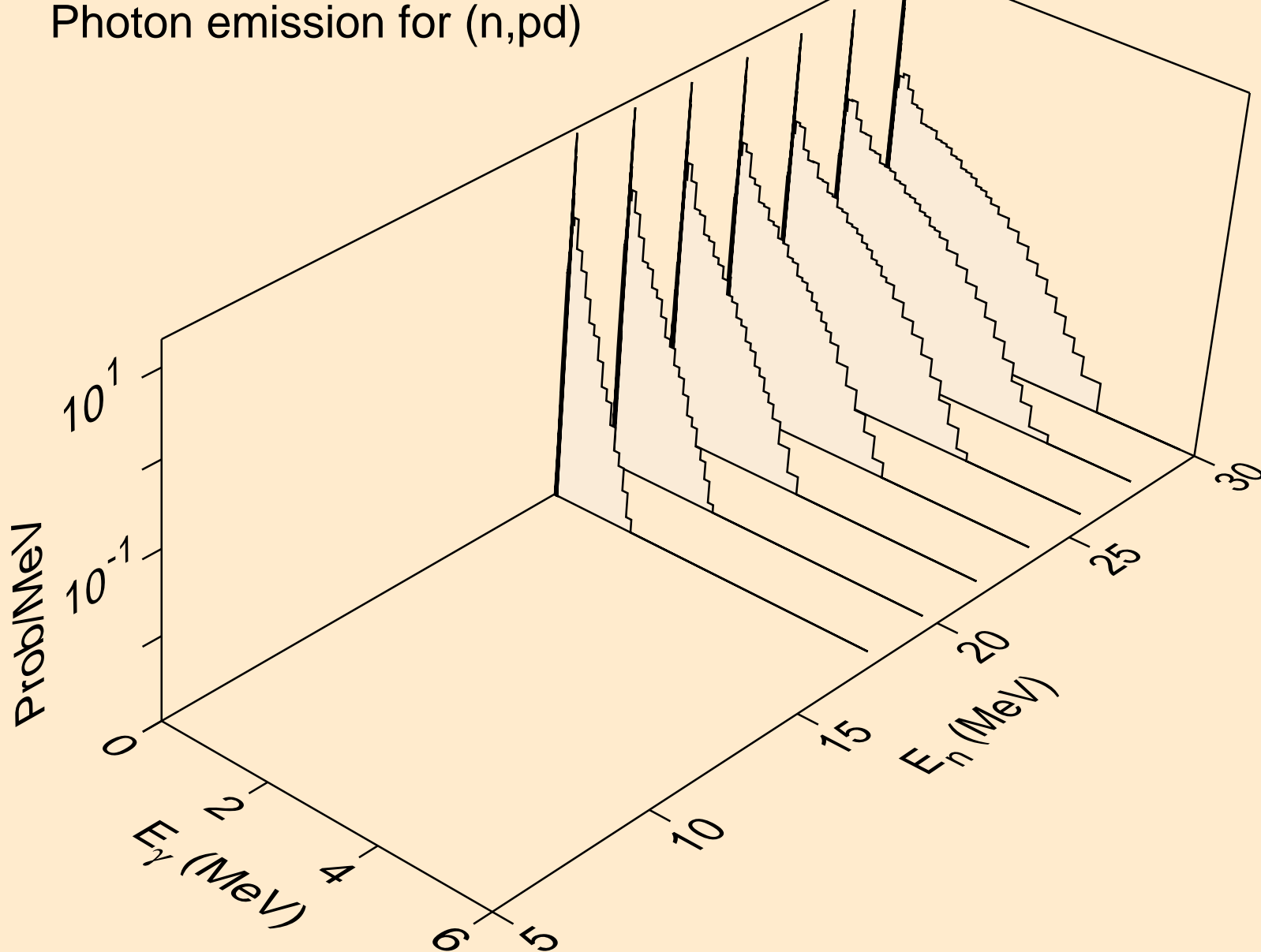
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Photon emission for (n,2p)



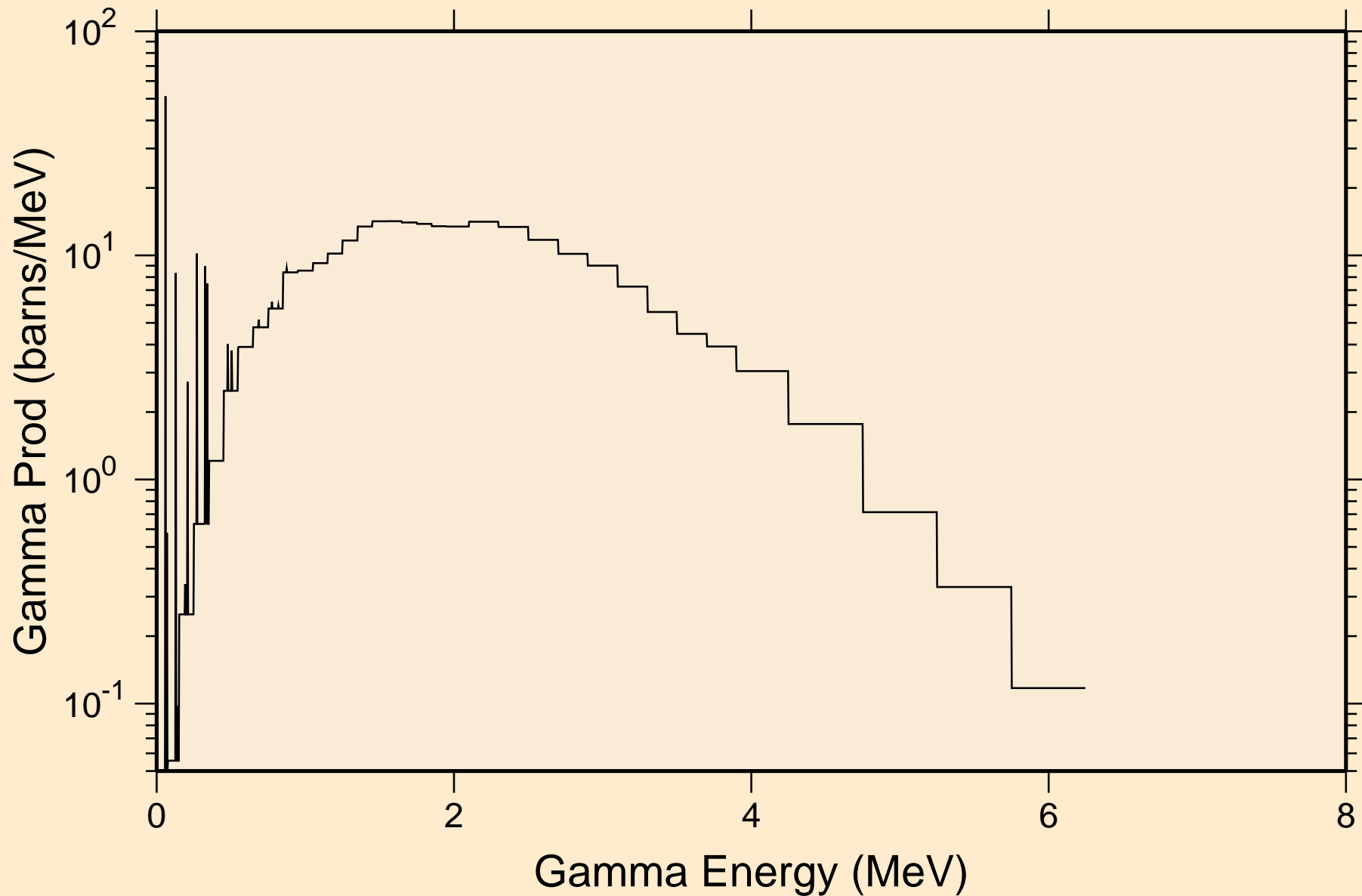
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Photon emission for (n,p α)



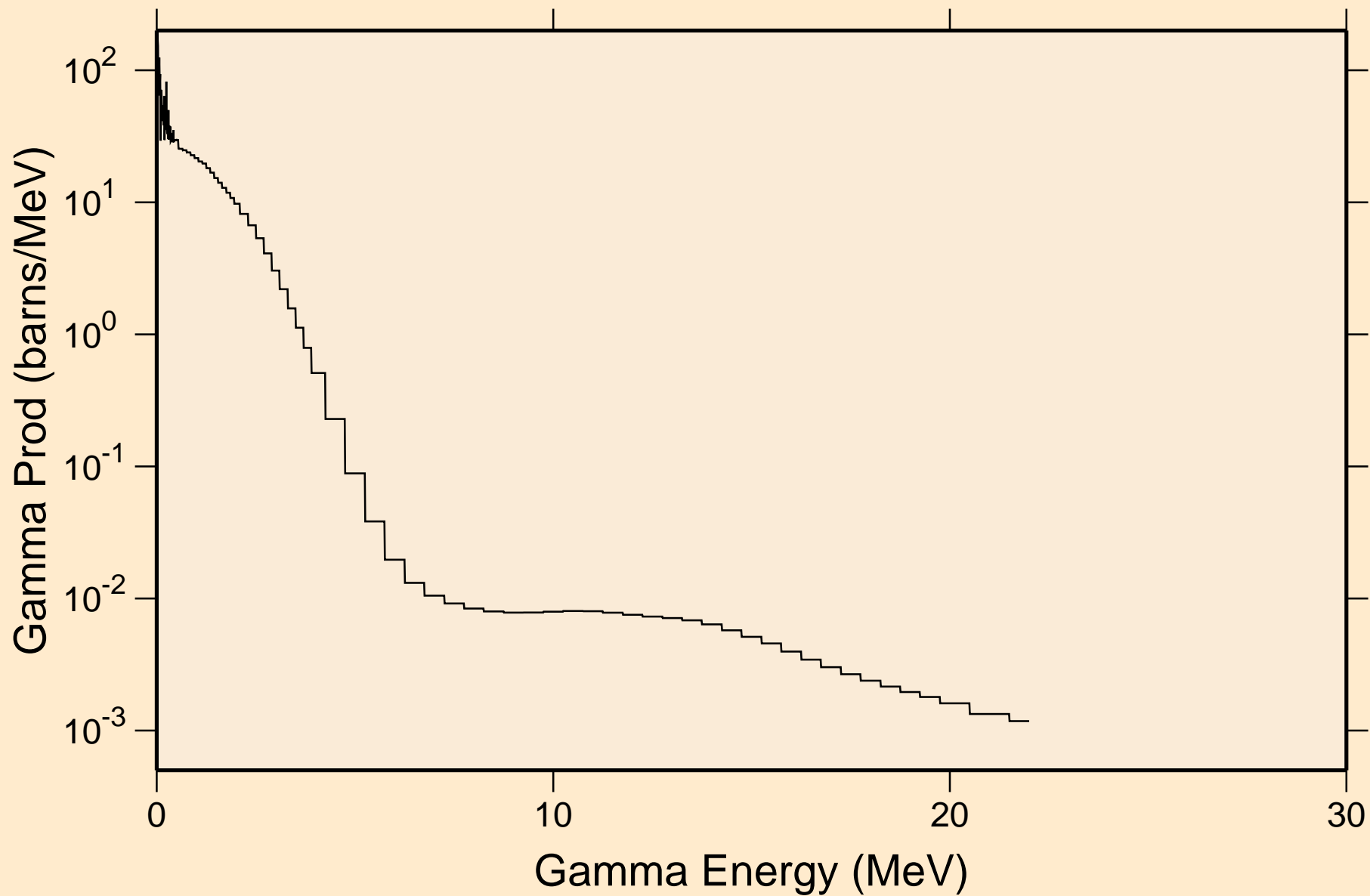
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

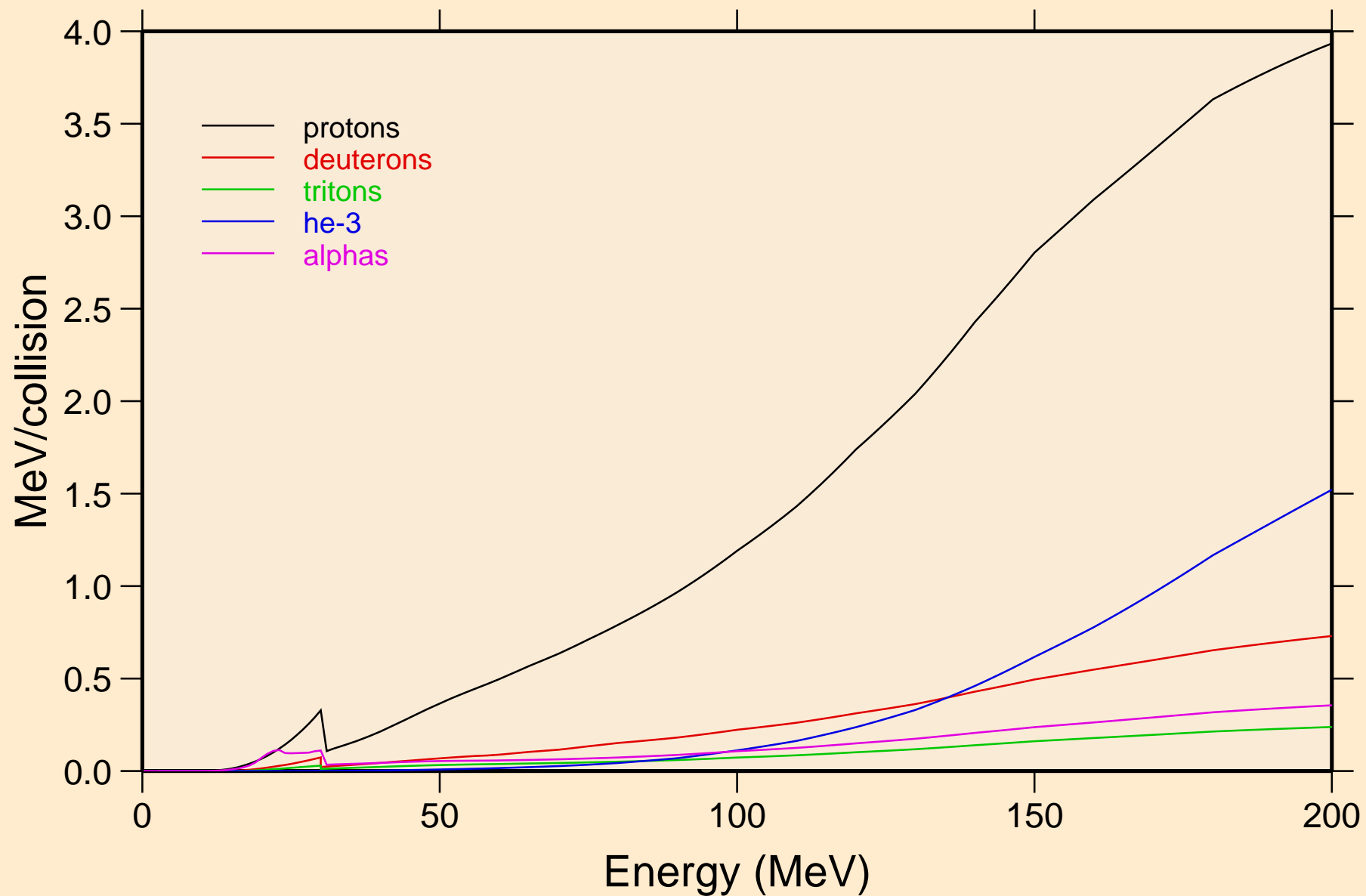


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

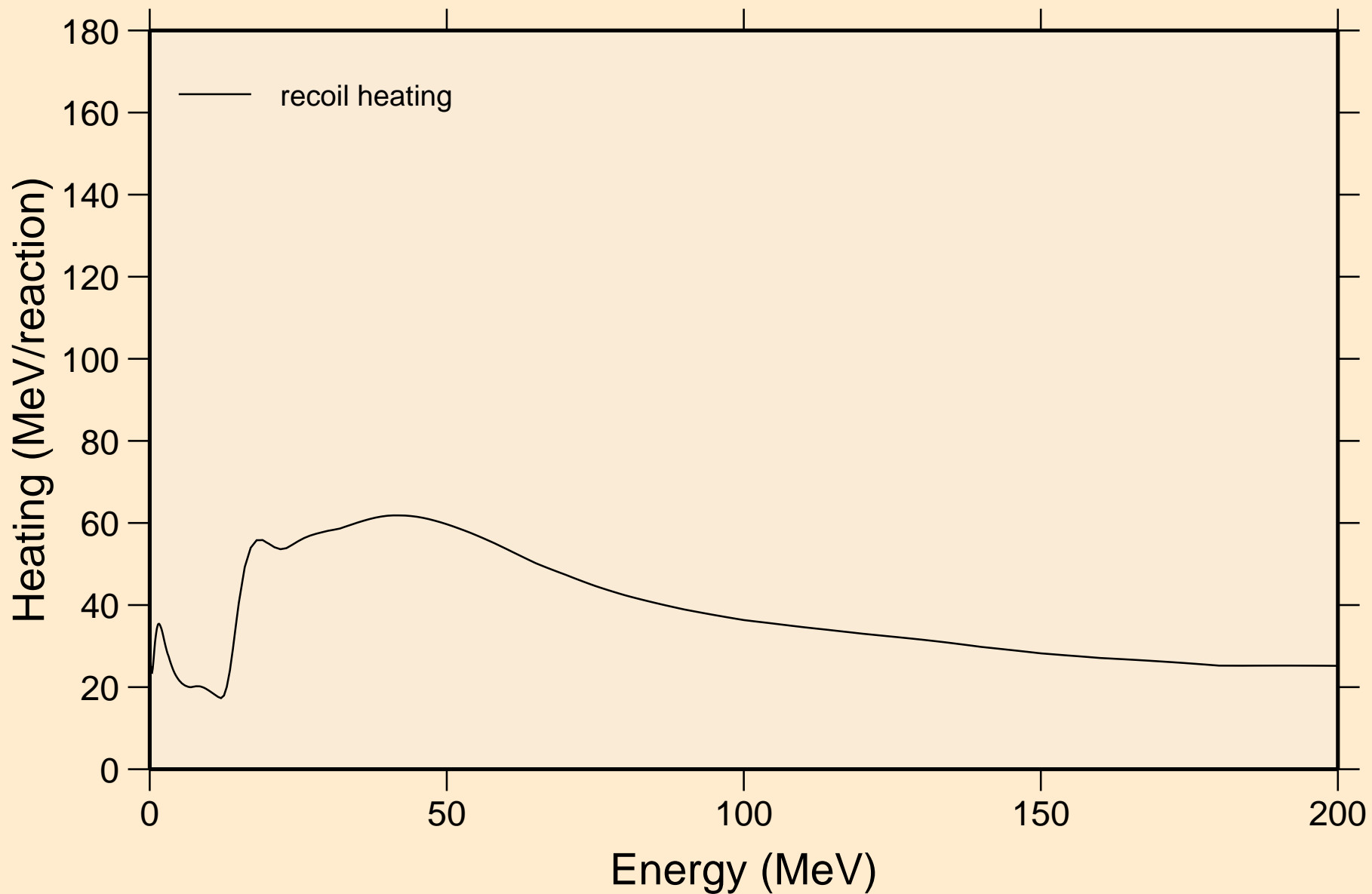


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

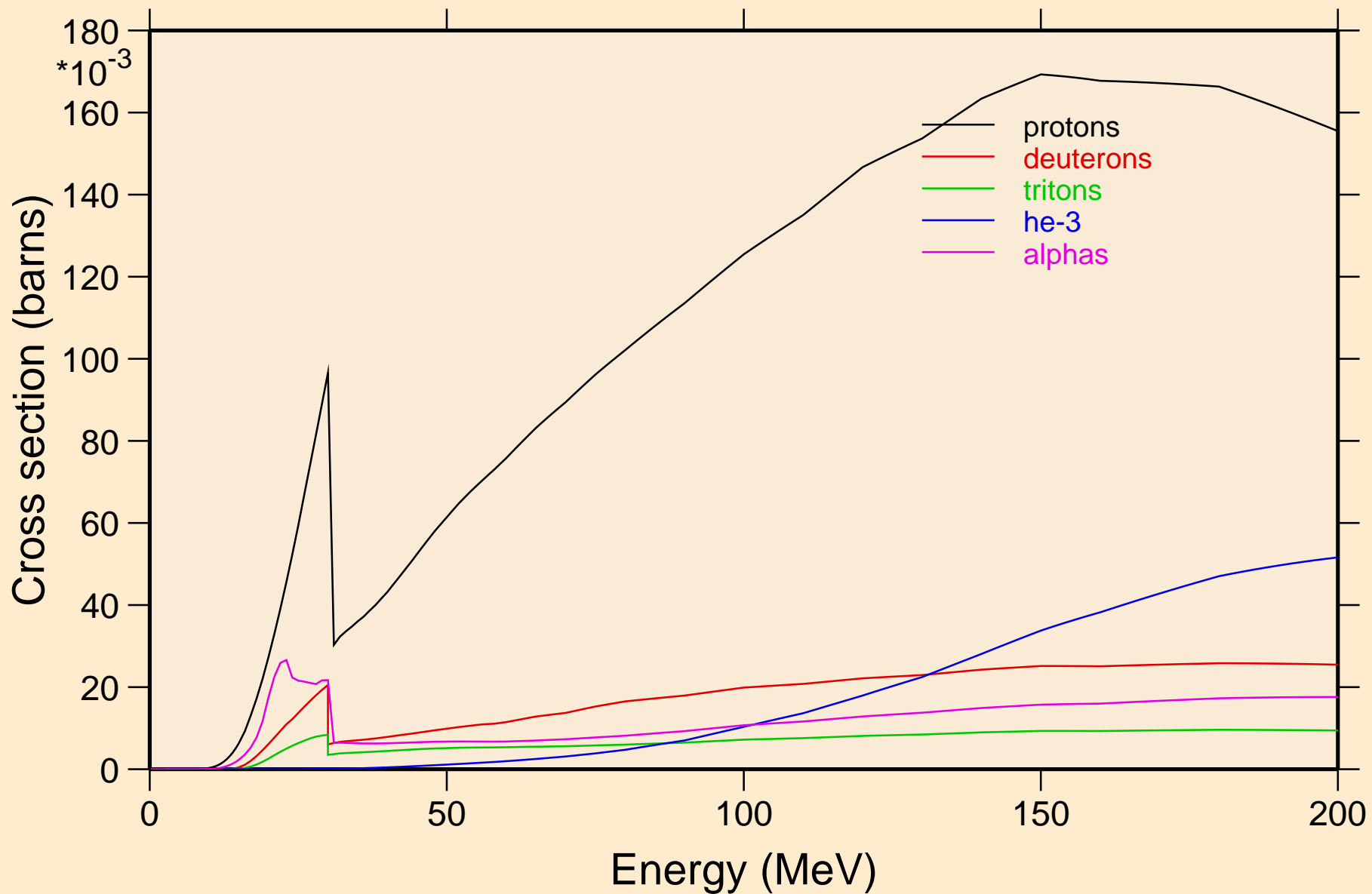


TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

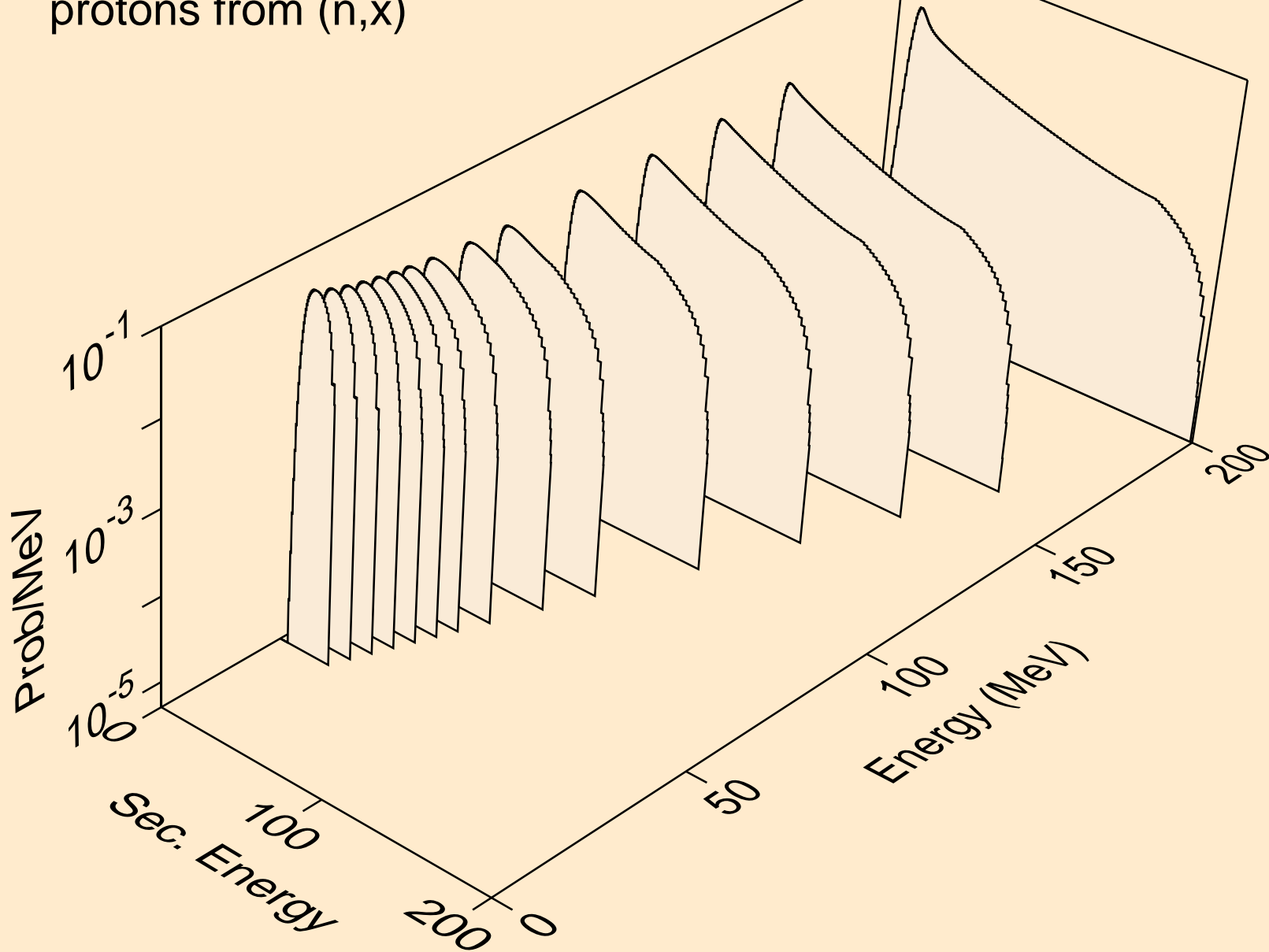


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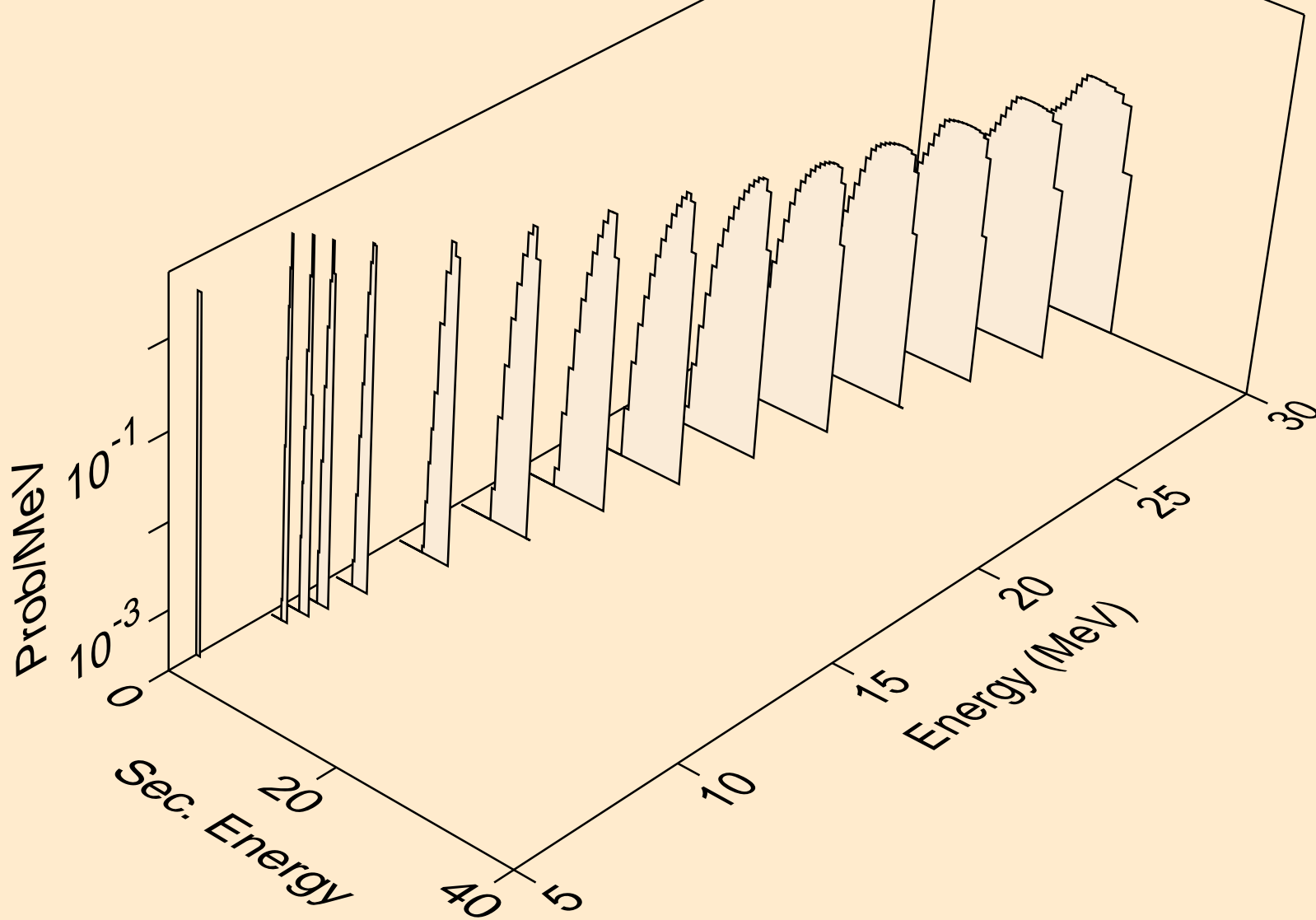
Particle production cross sections



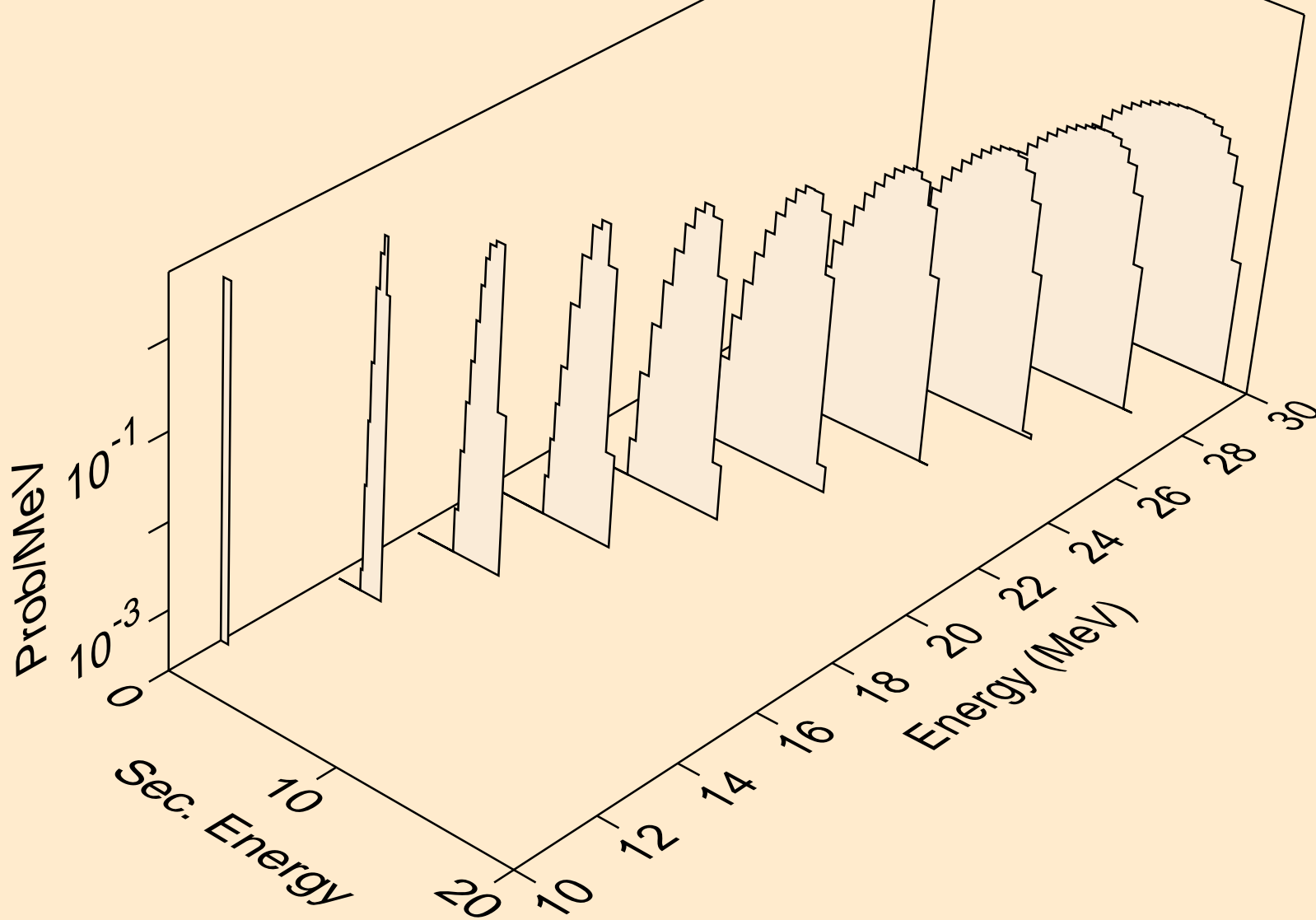
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protons from (n,x)



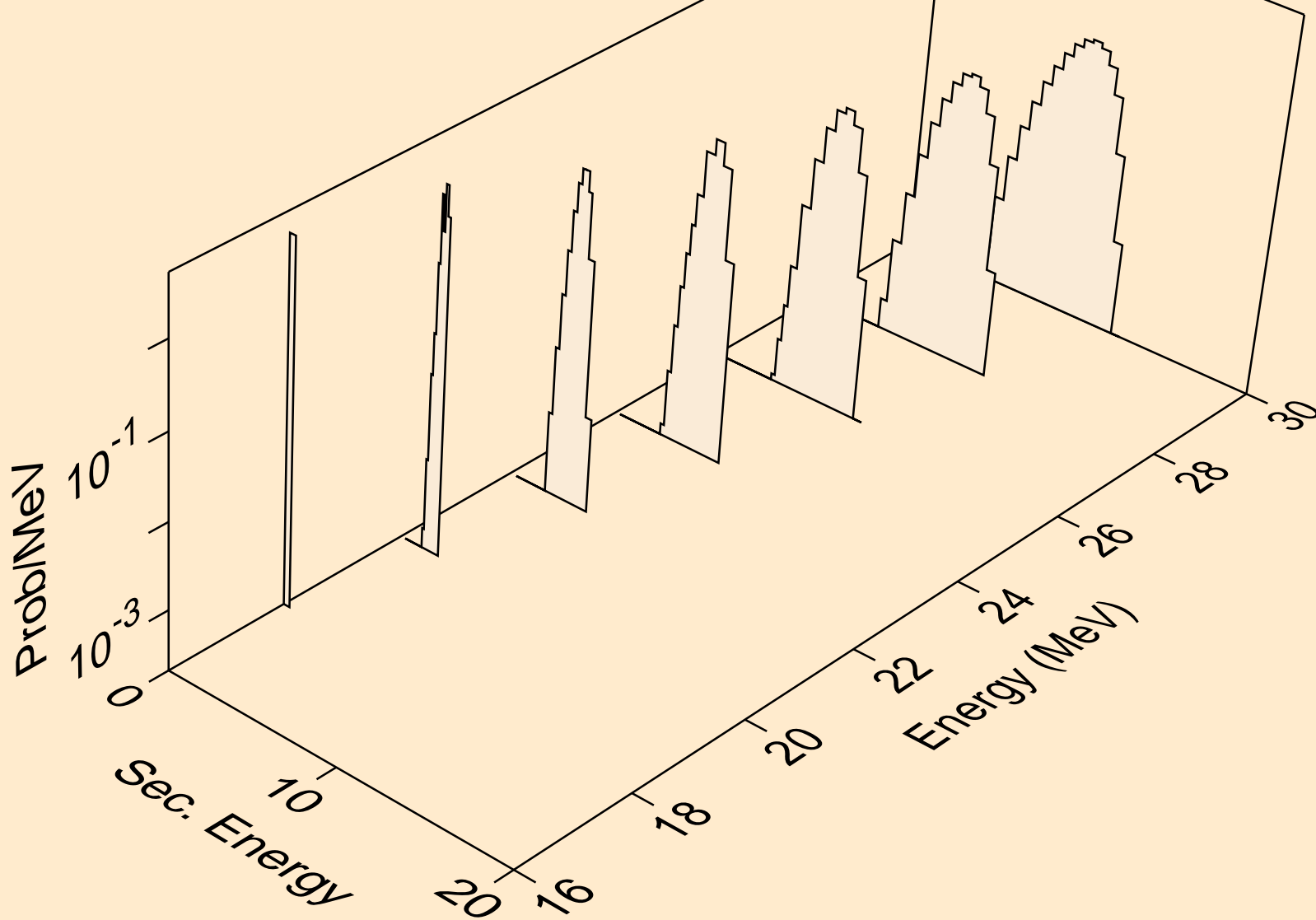
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protons from (n,n*)p



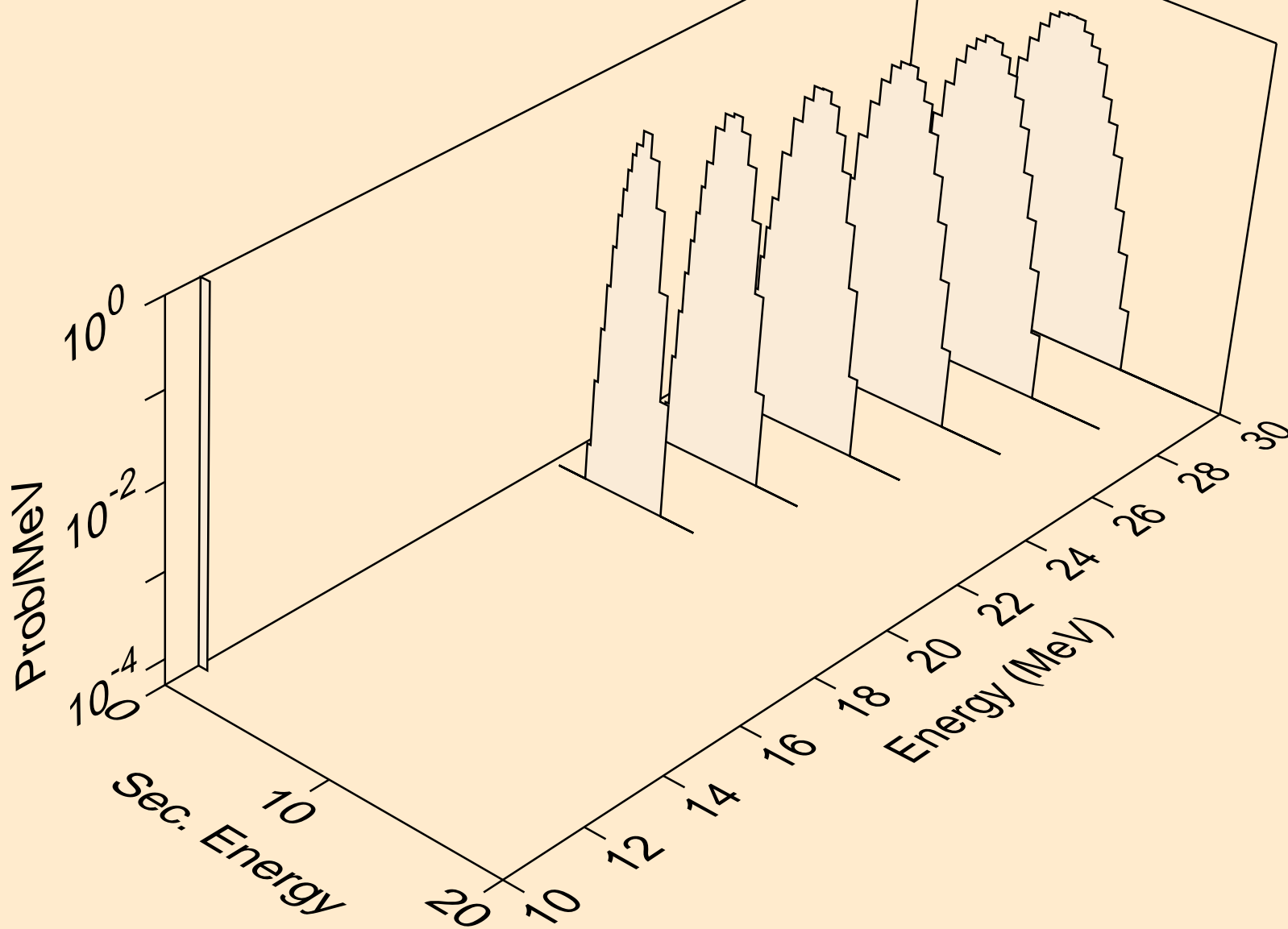
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protons from (n,2np)



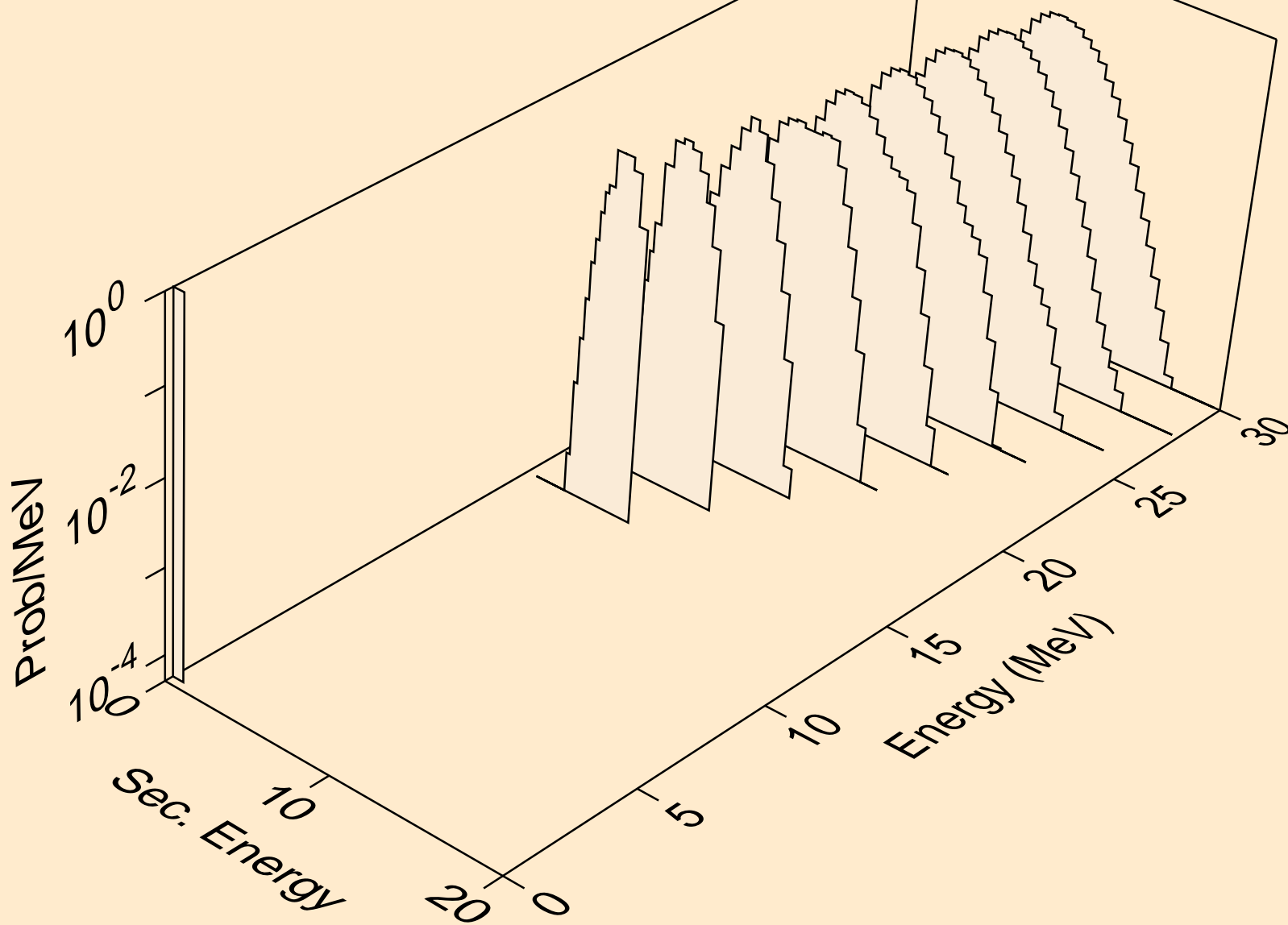
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protons from (n,3np)



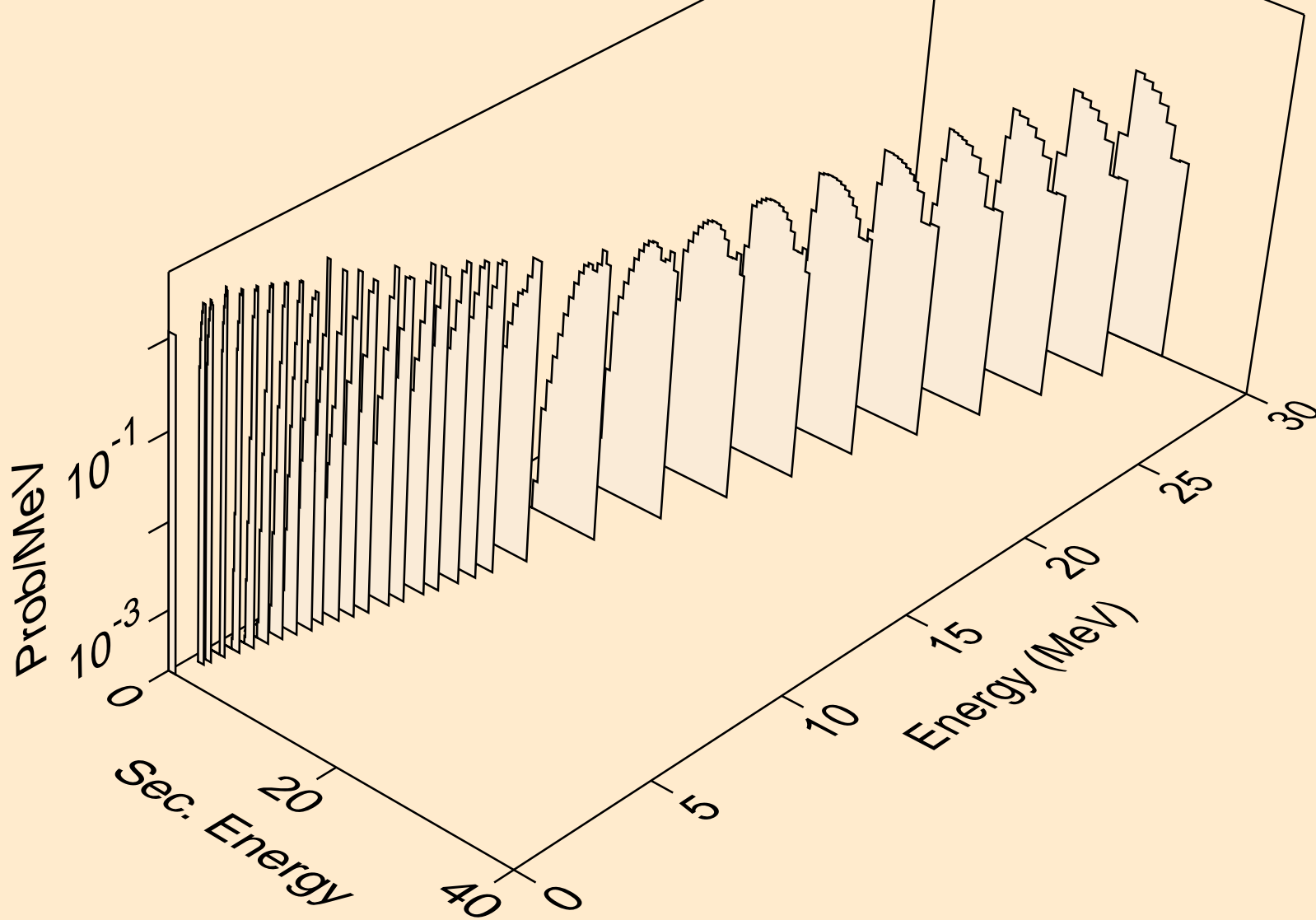
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protons from (n,n2p)



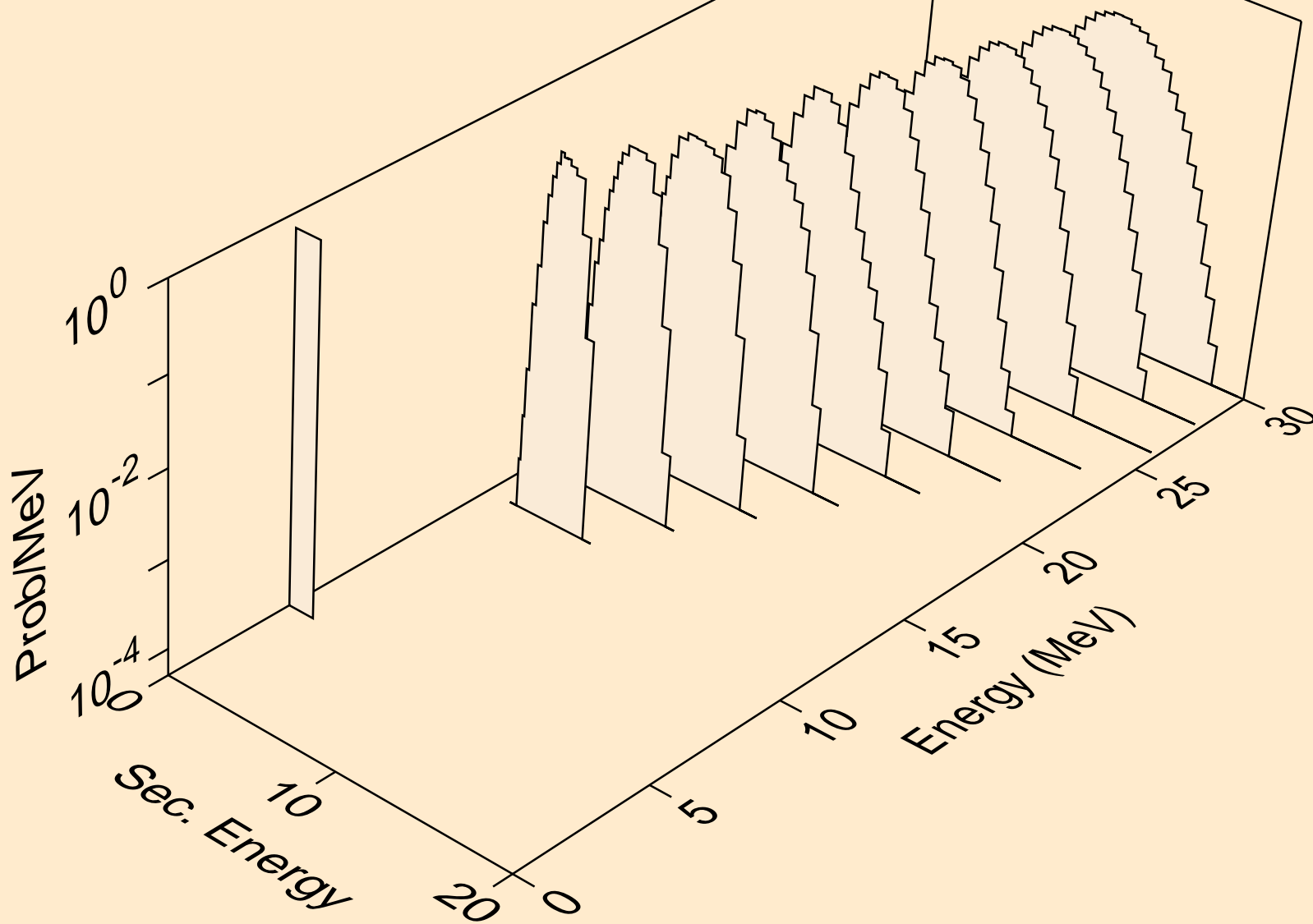
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protons from (n,npa)



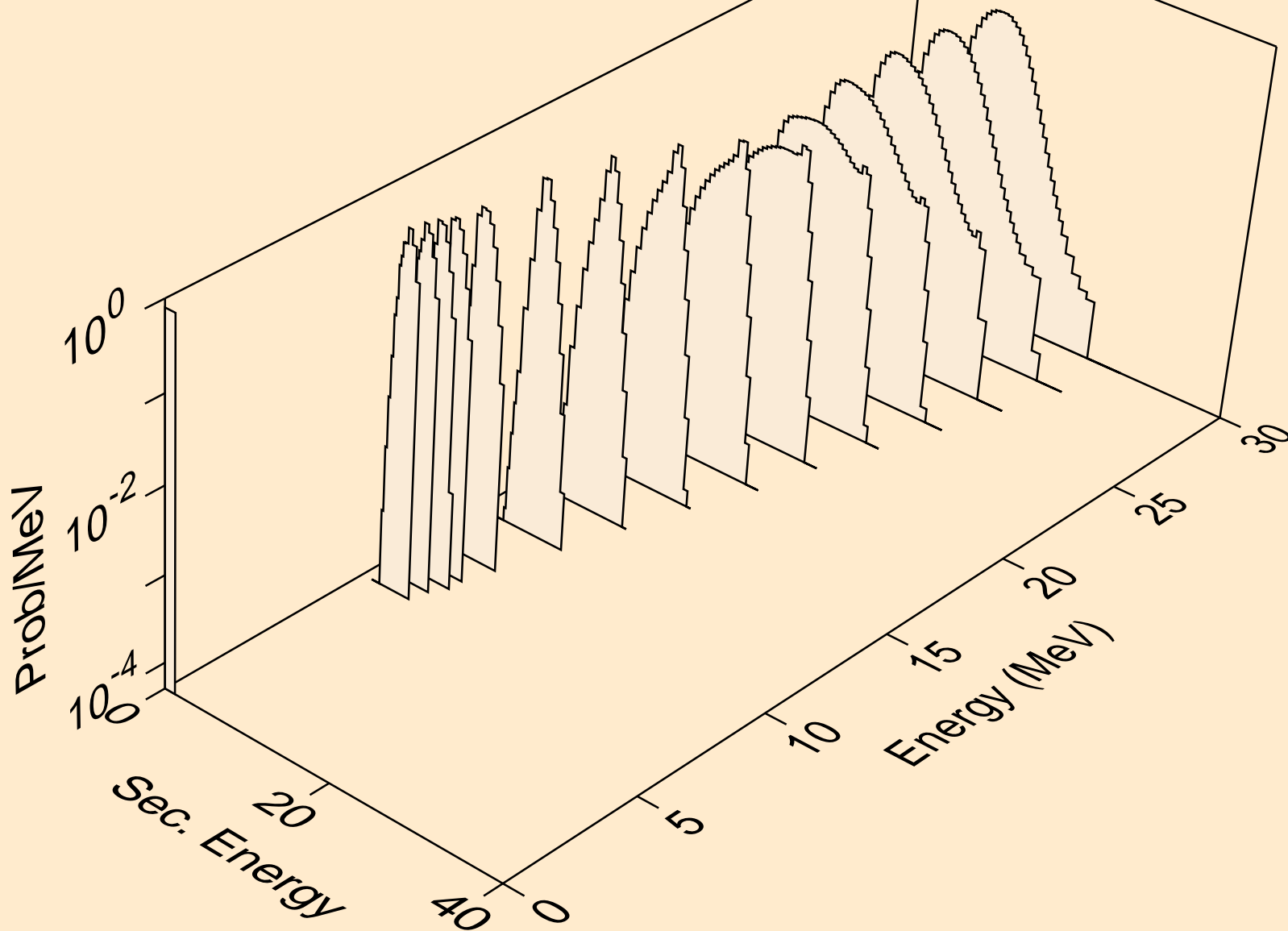
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protons from (n,p)



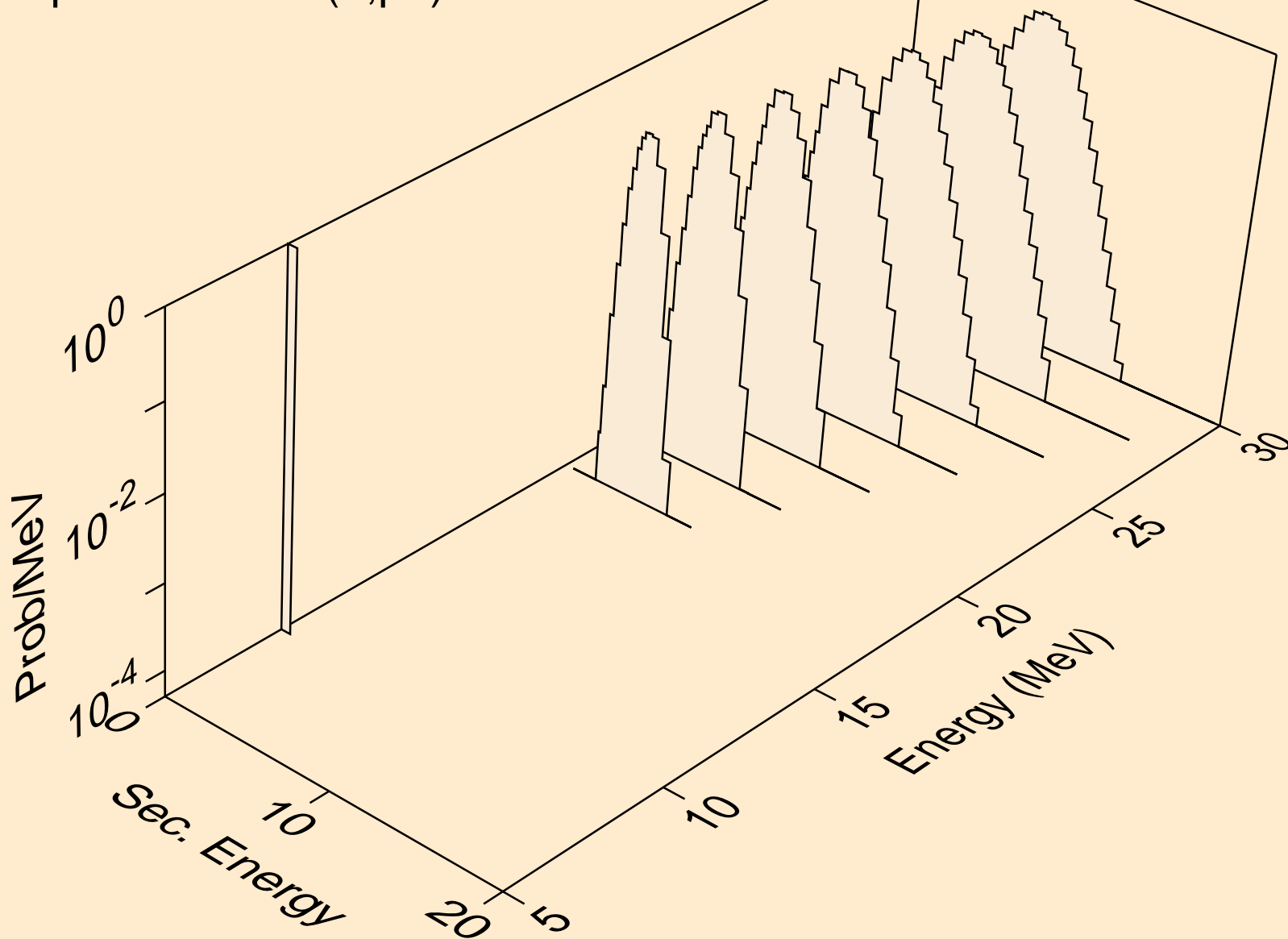
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protons from (n,2p)



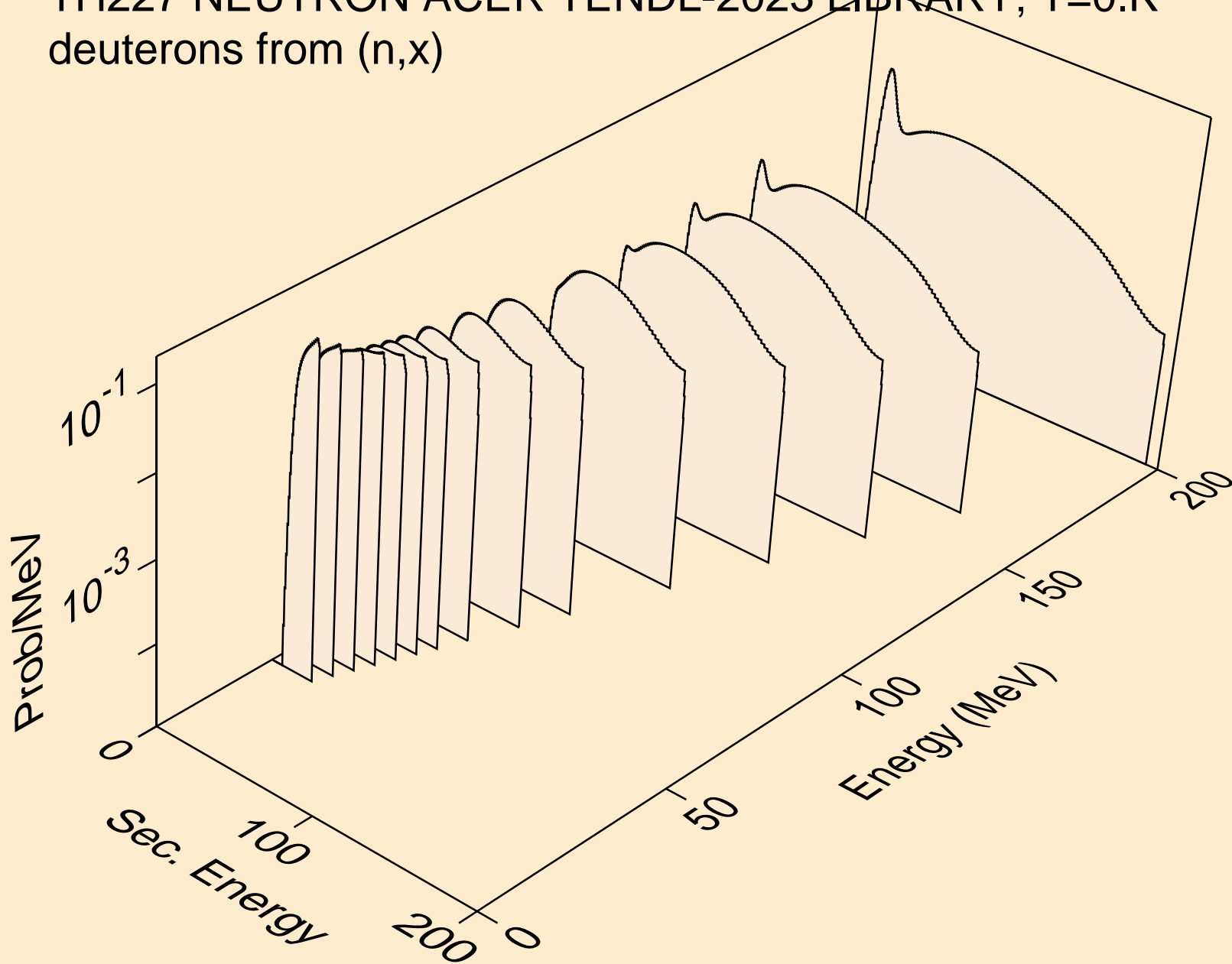
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protons from (n,p)



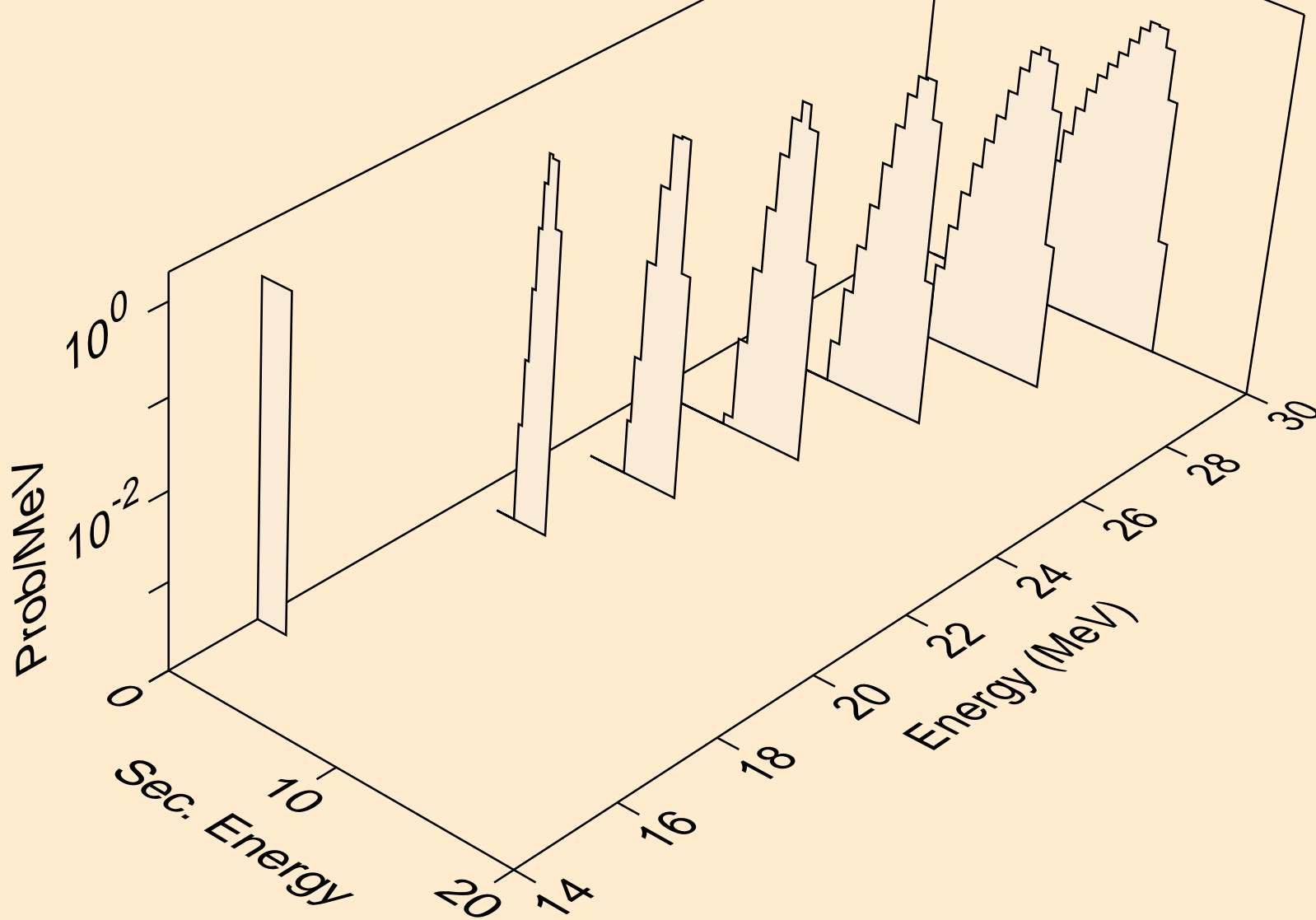
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protons from (n,pd)



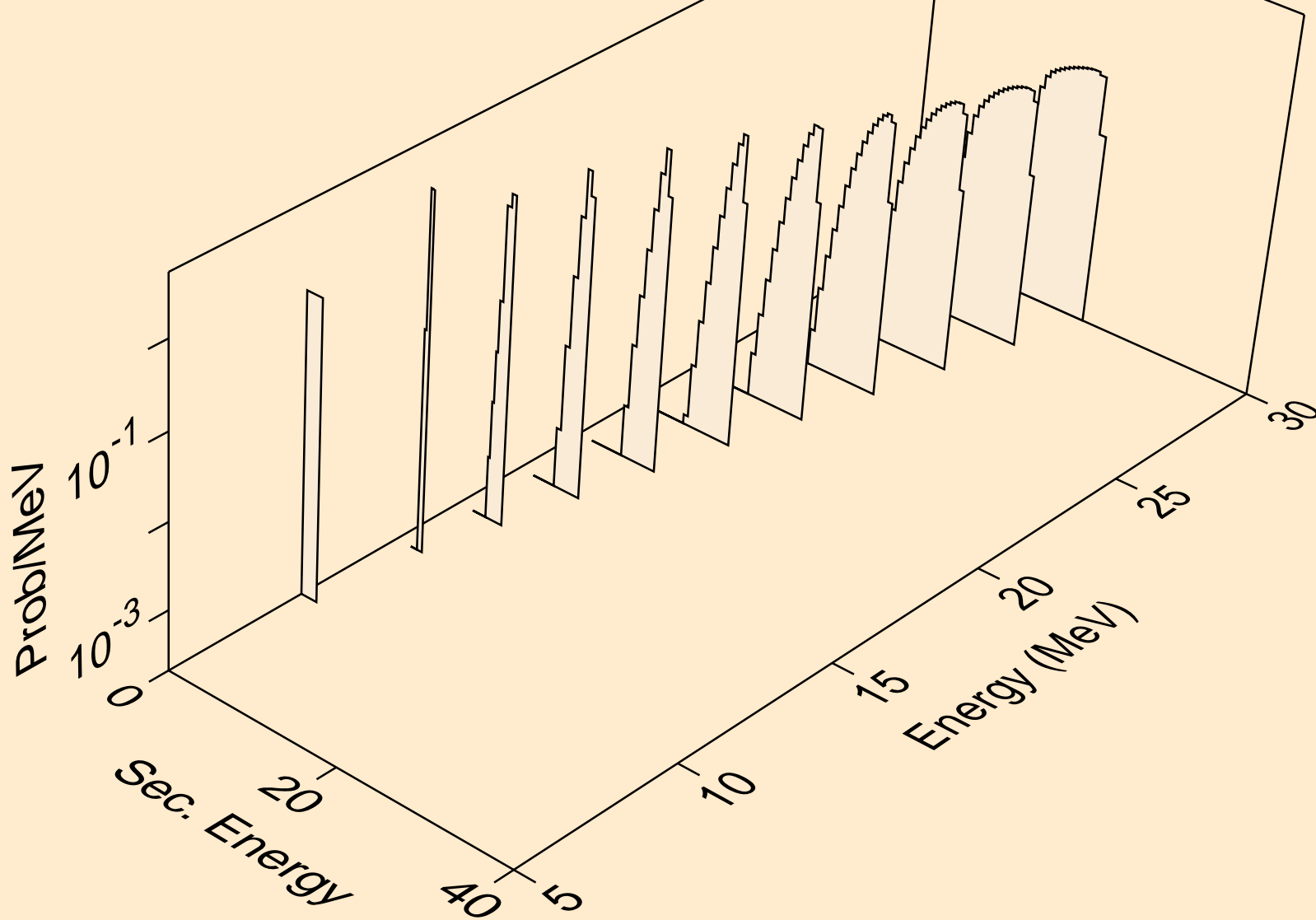
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deuterons from (n,x)



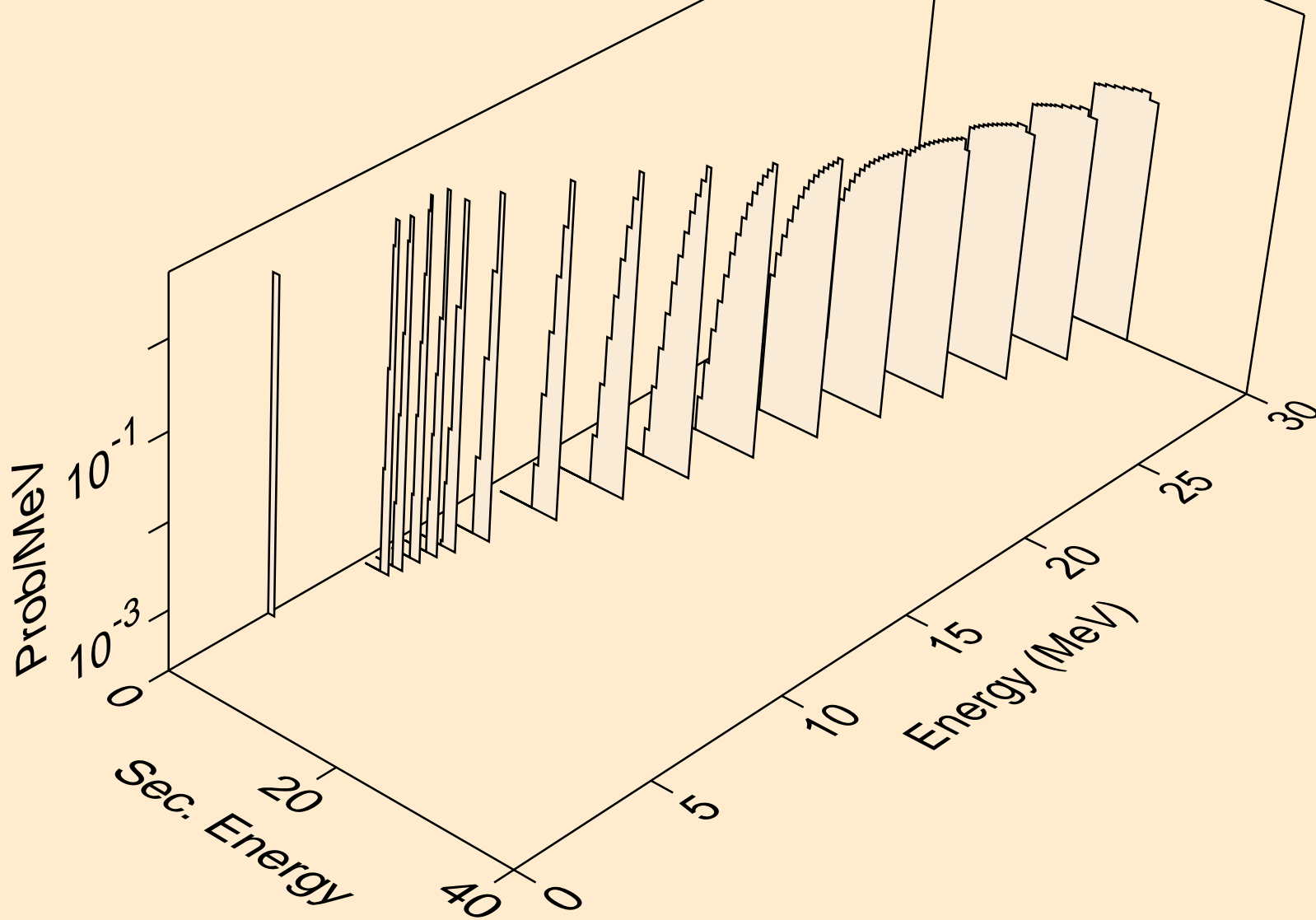
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deuterons from (n,2nd)



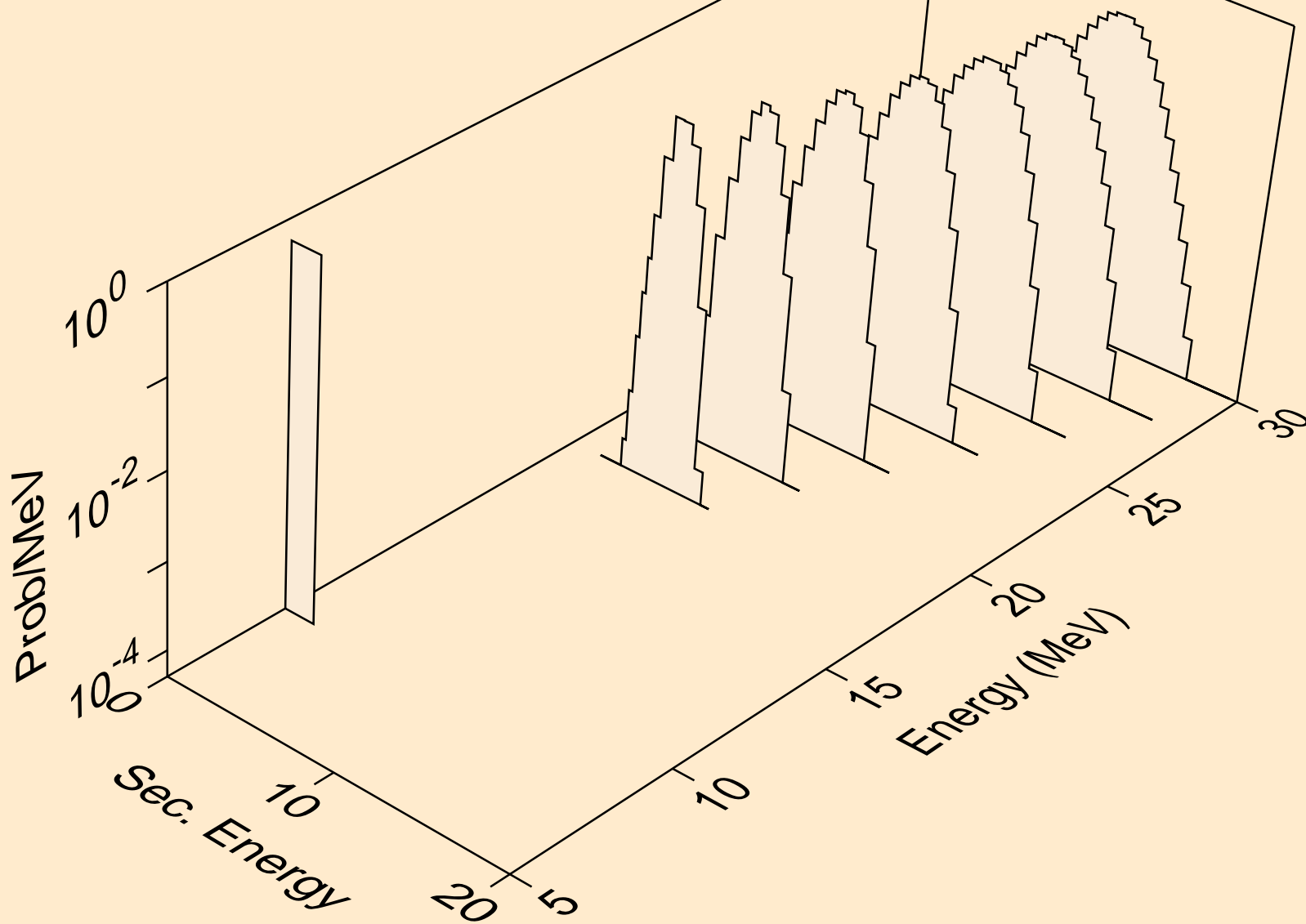
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



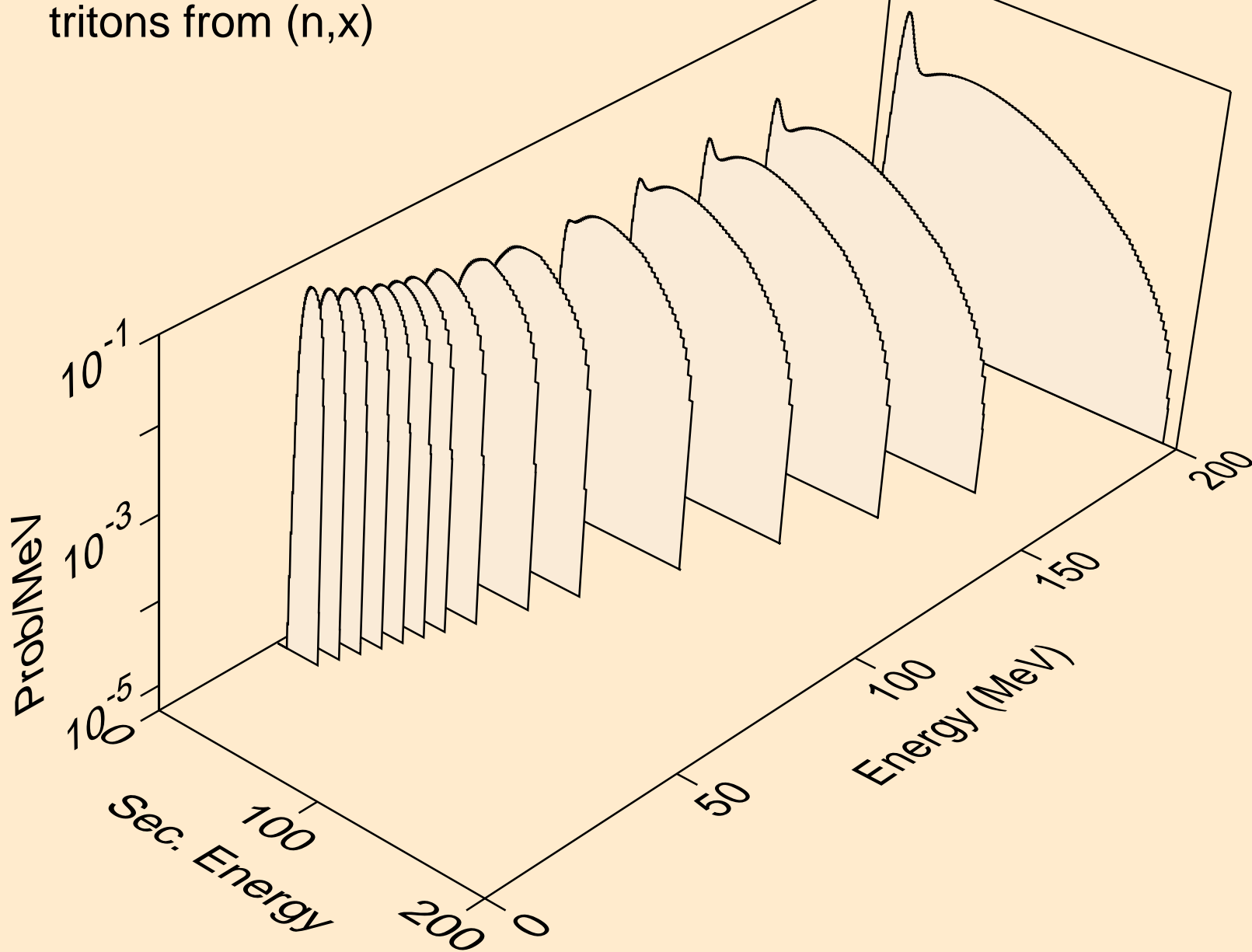
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deuterons from (n,d)



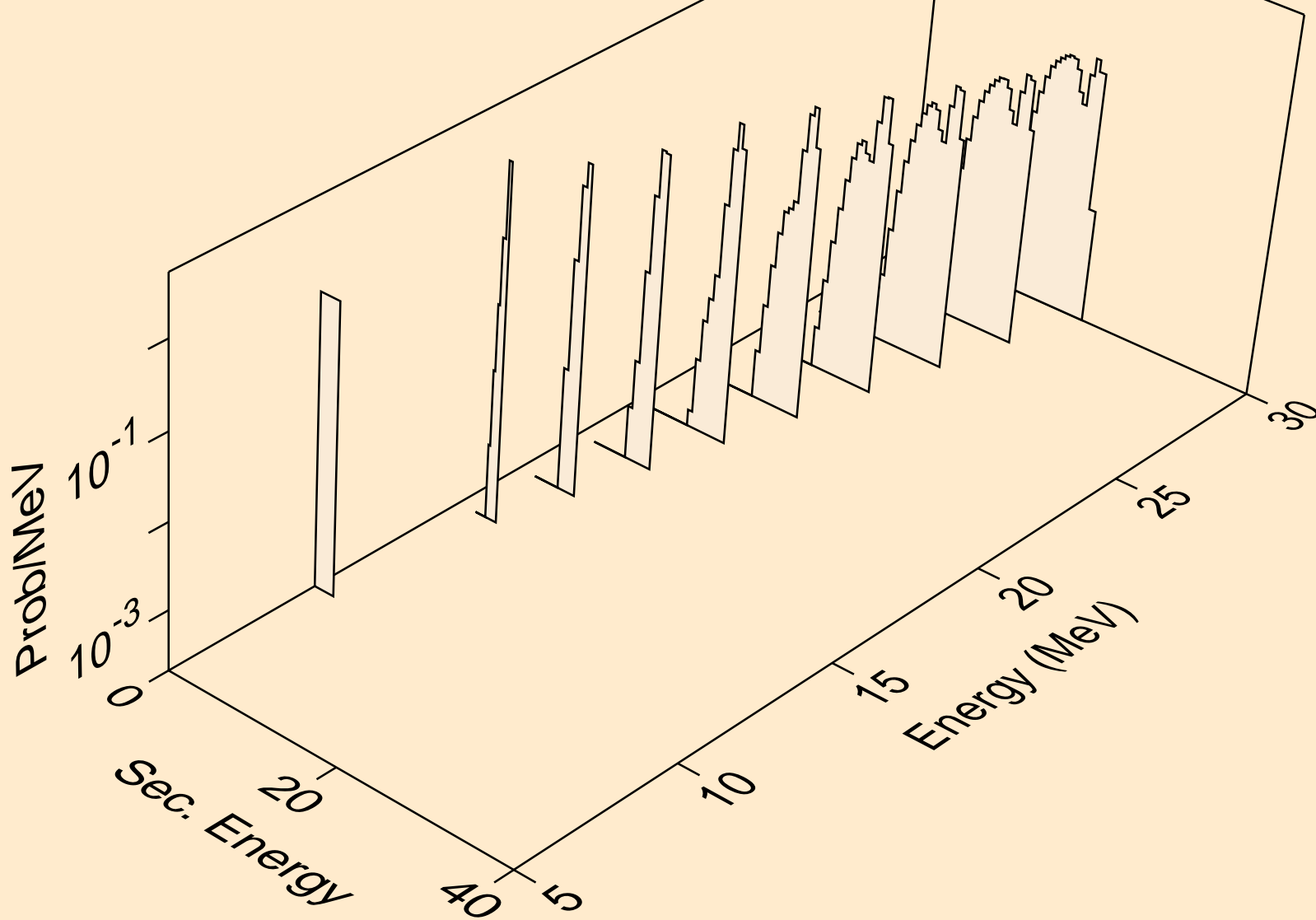
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deuterons from (n,pd)



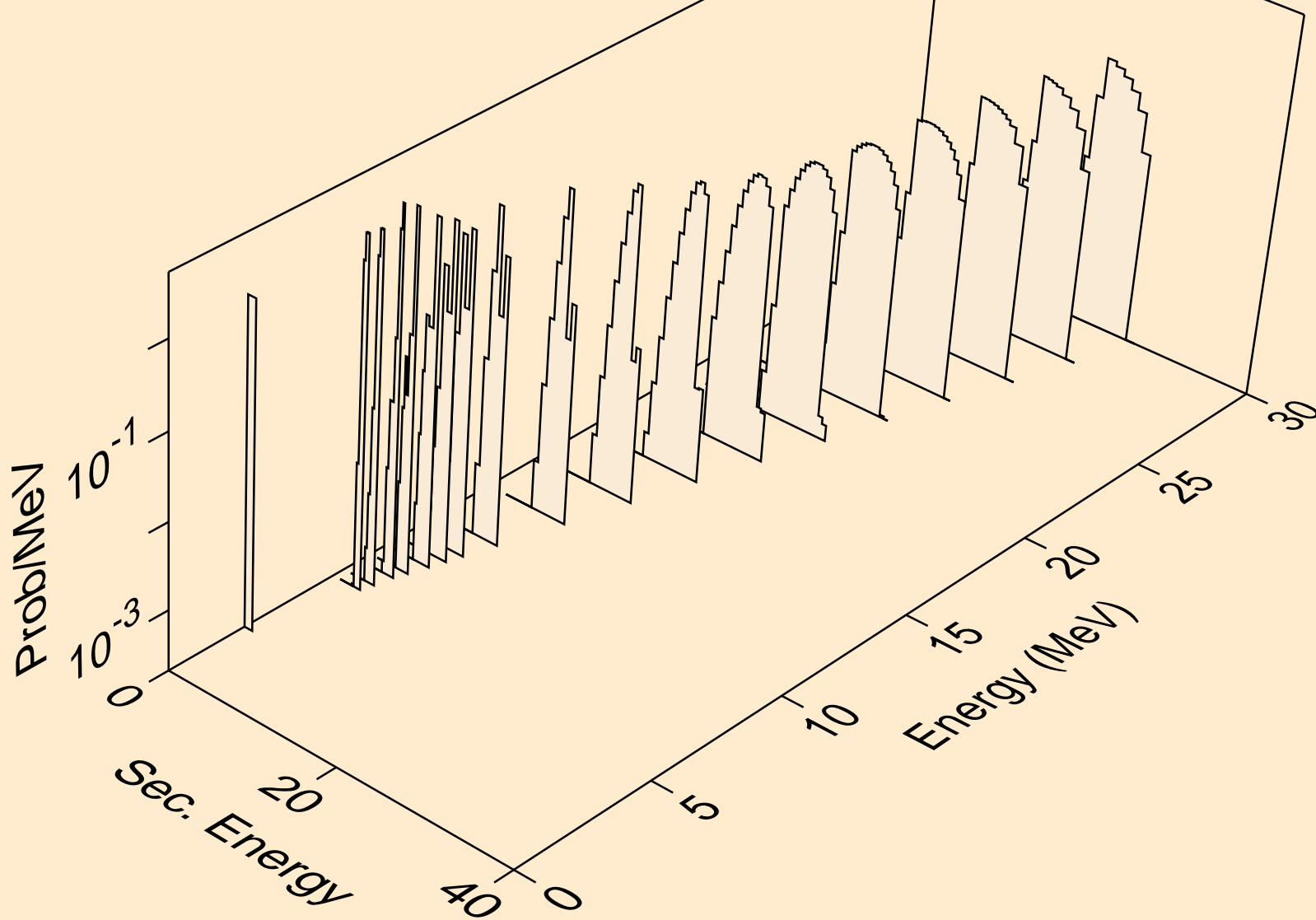
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



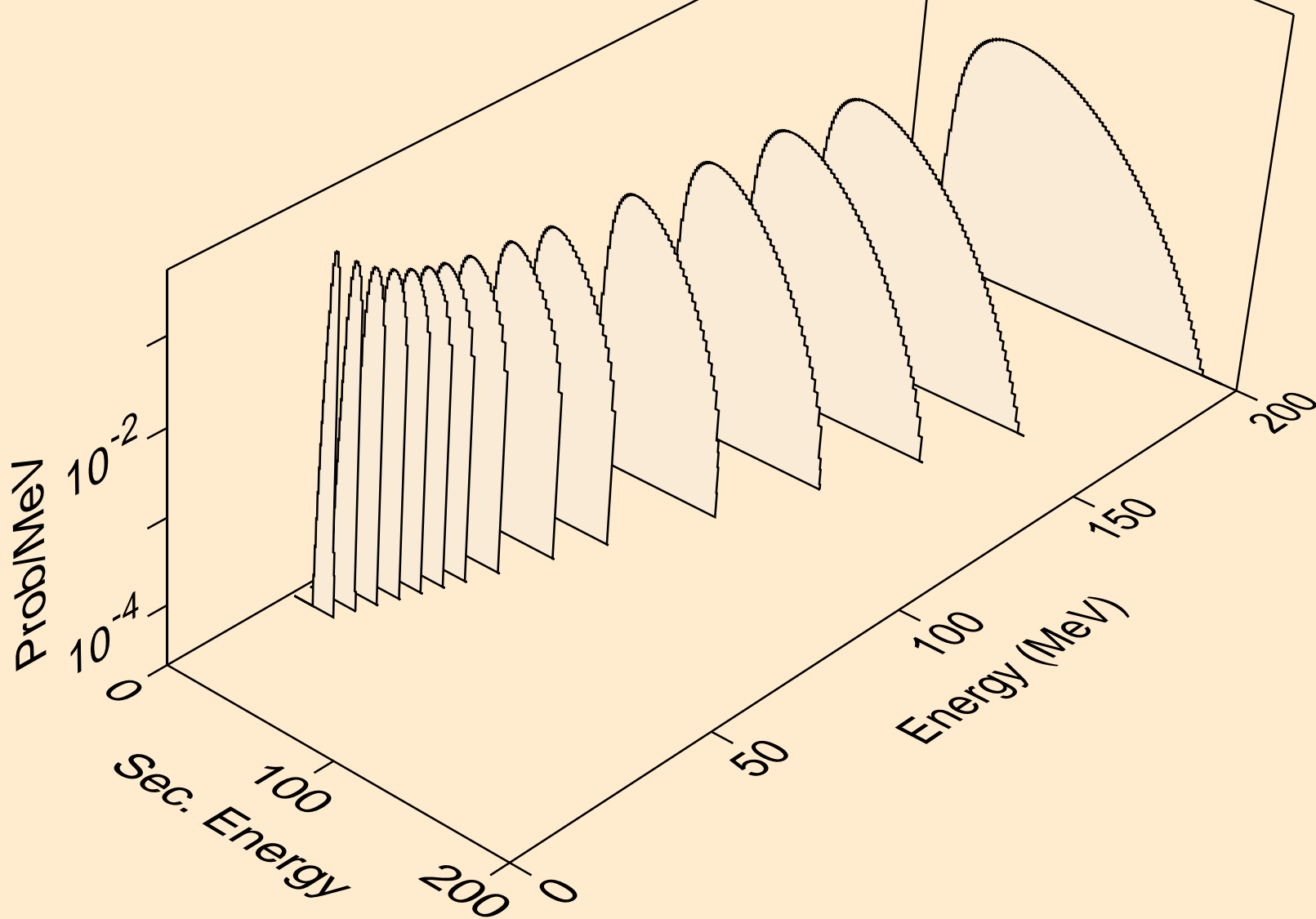
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tritons from (n,n*)t



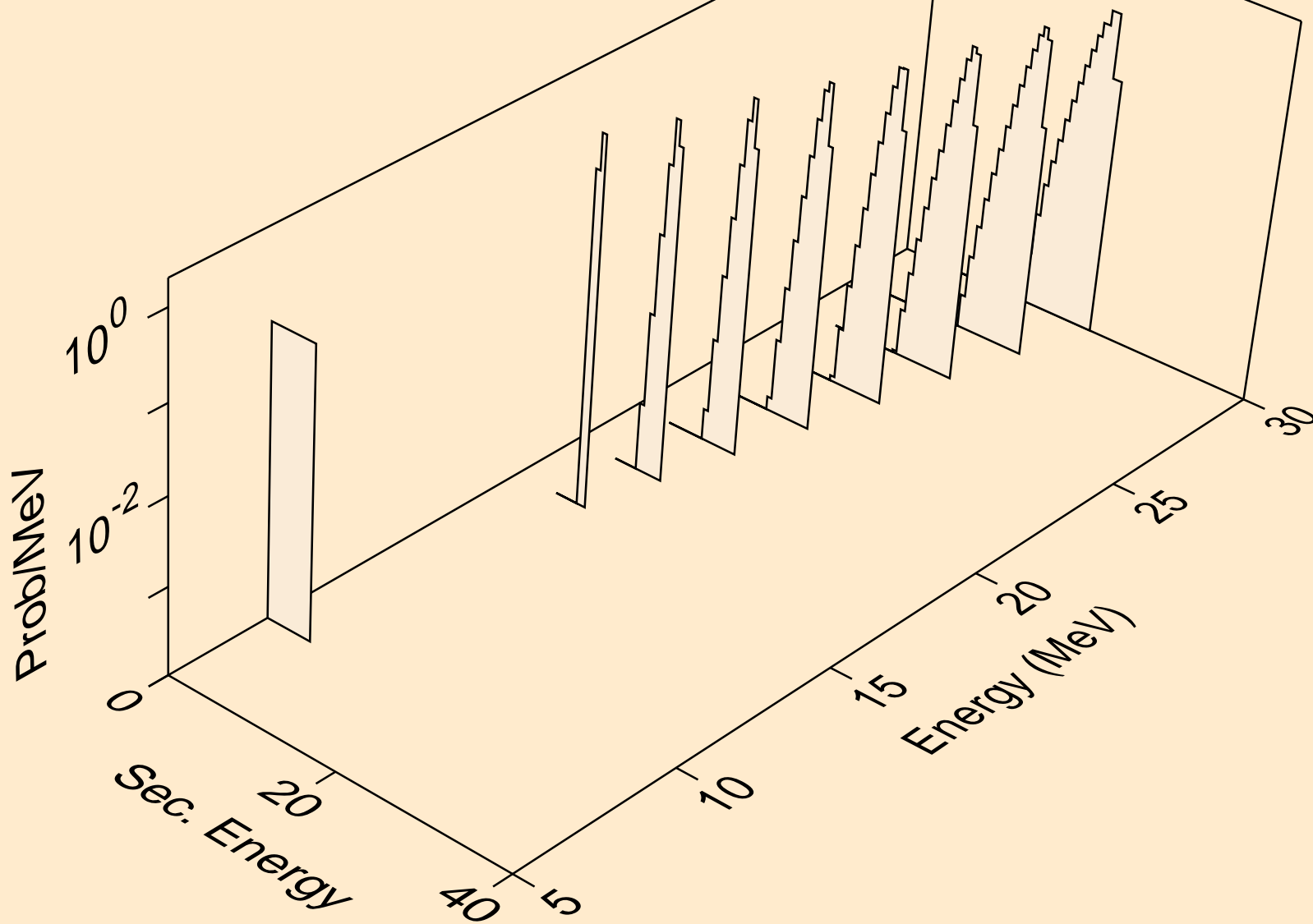
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tritons from (n,t)



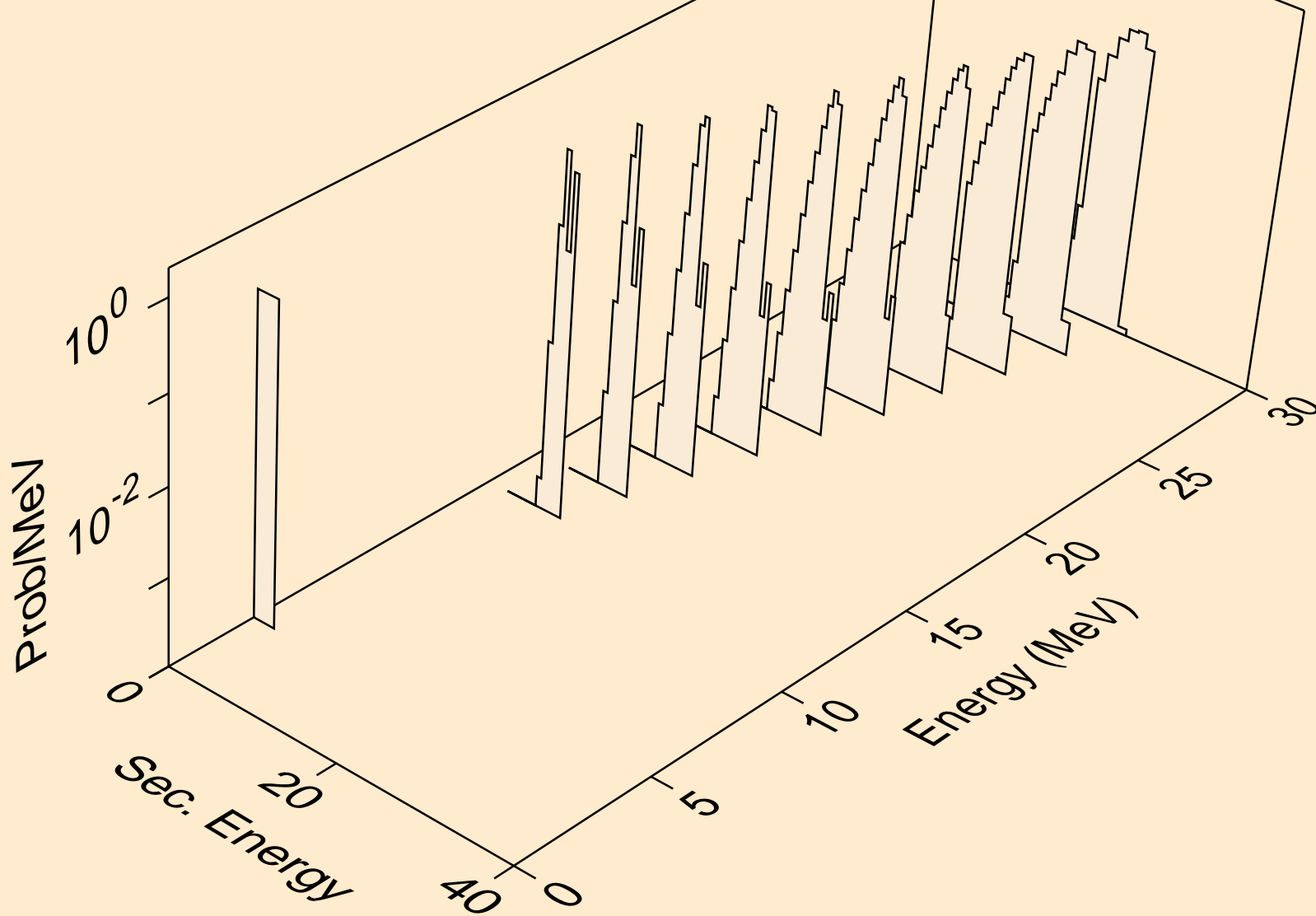
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he3s from (n,x)



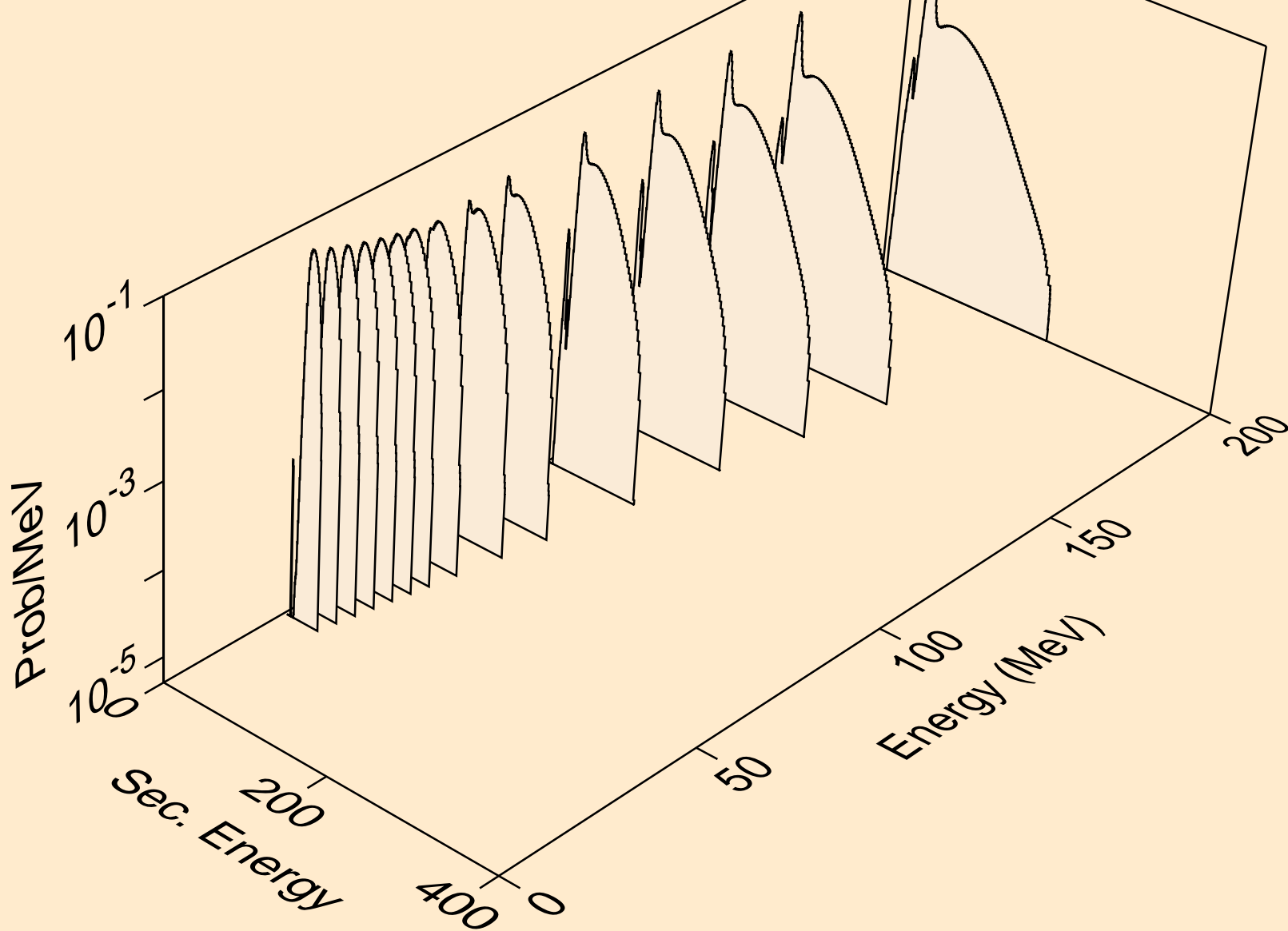
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he3s from (n,n*)he3



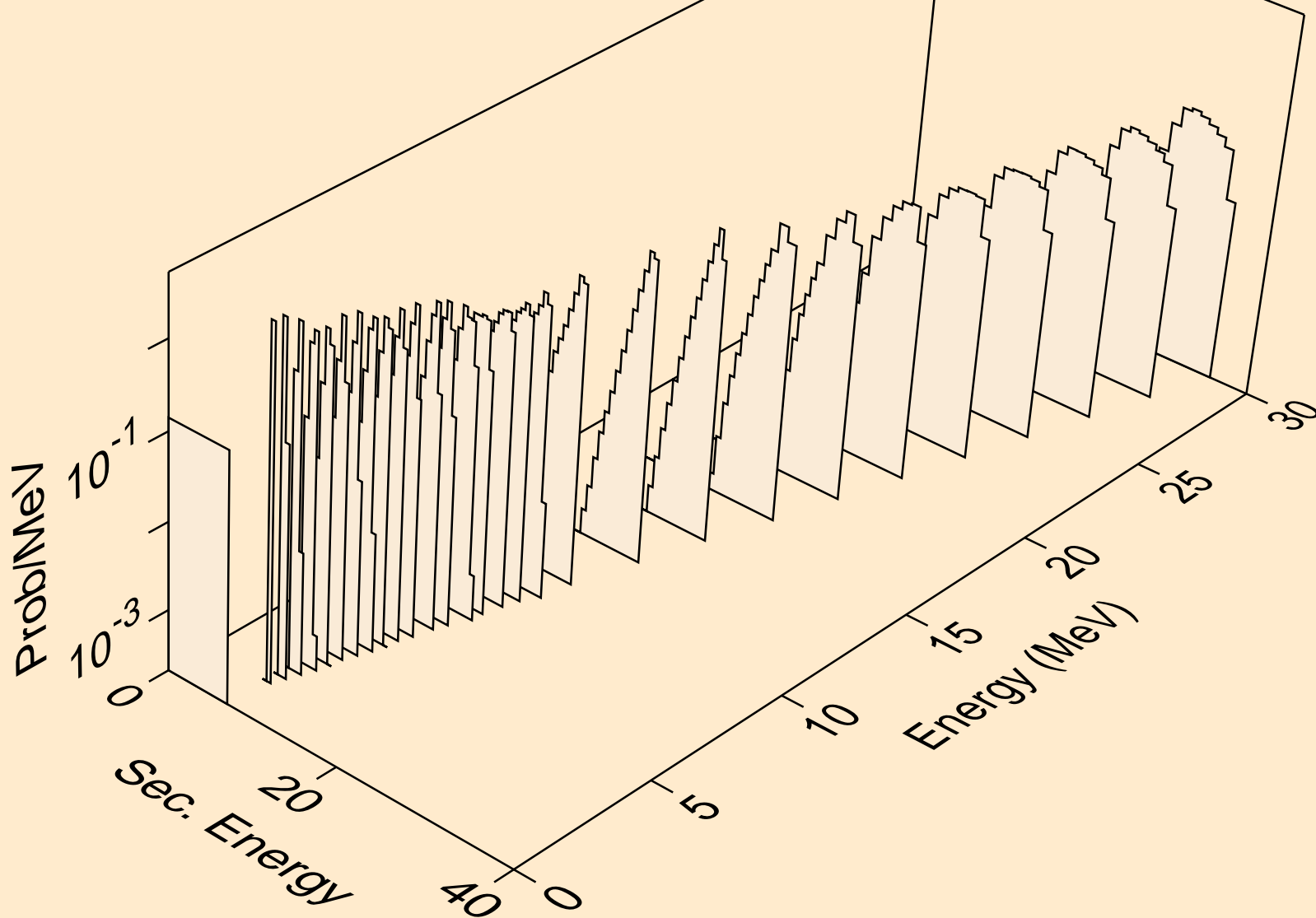
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he3s from (n,he3)



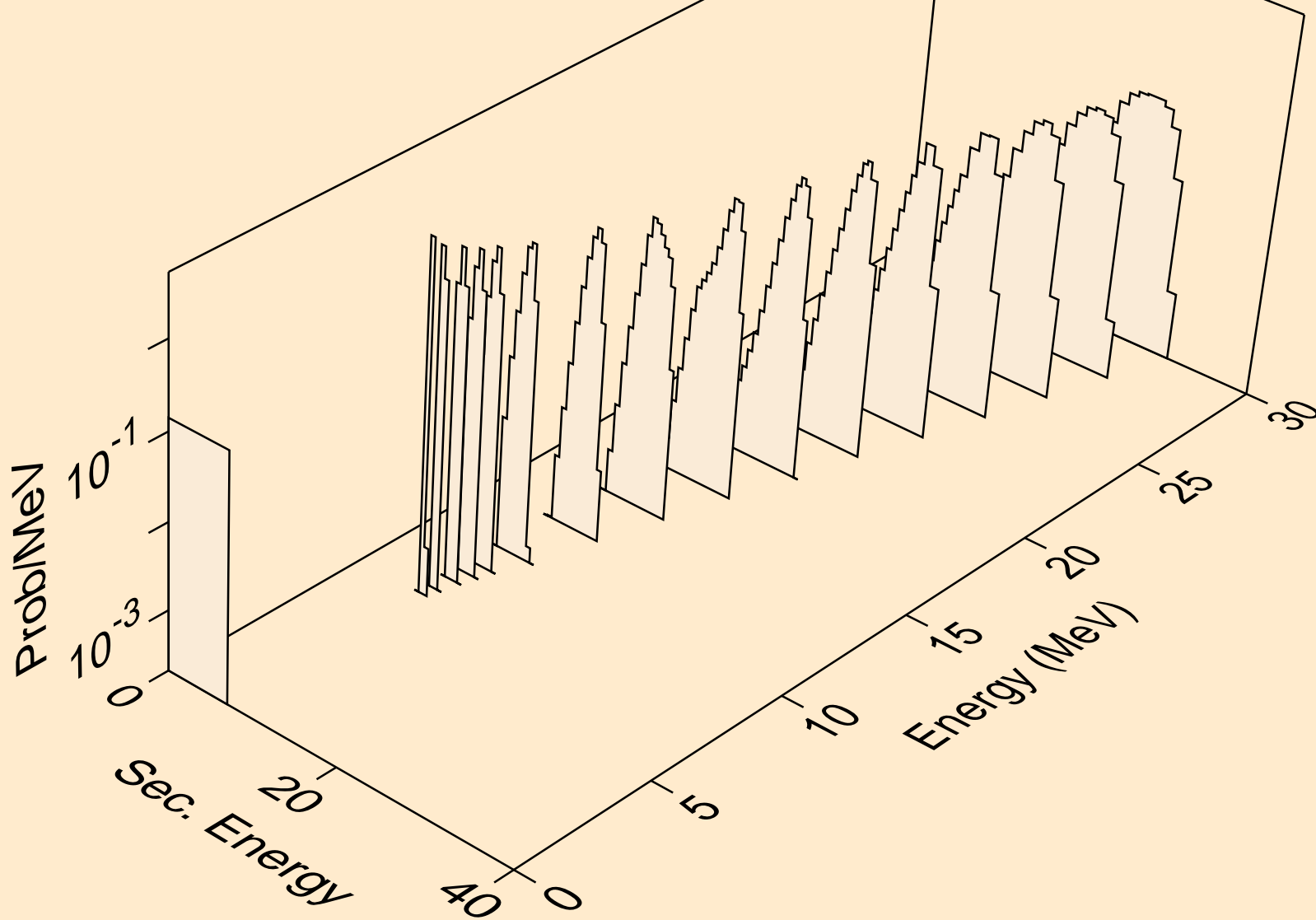
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alphas from (n,x)



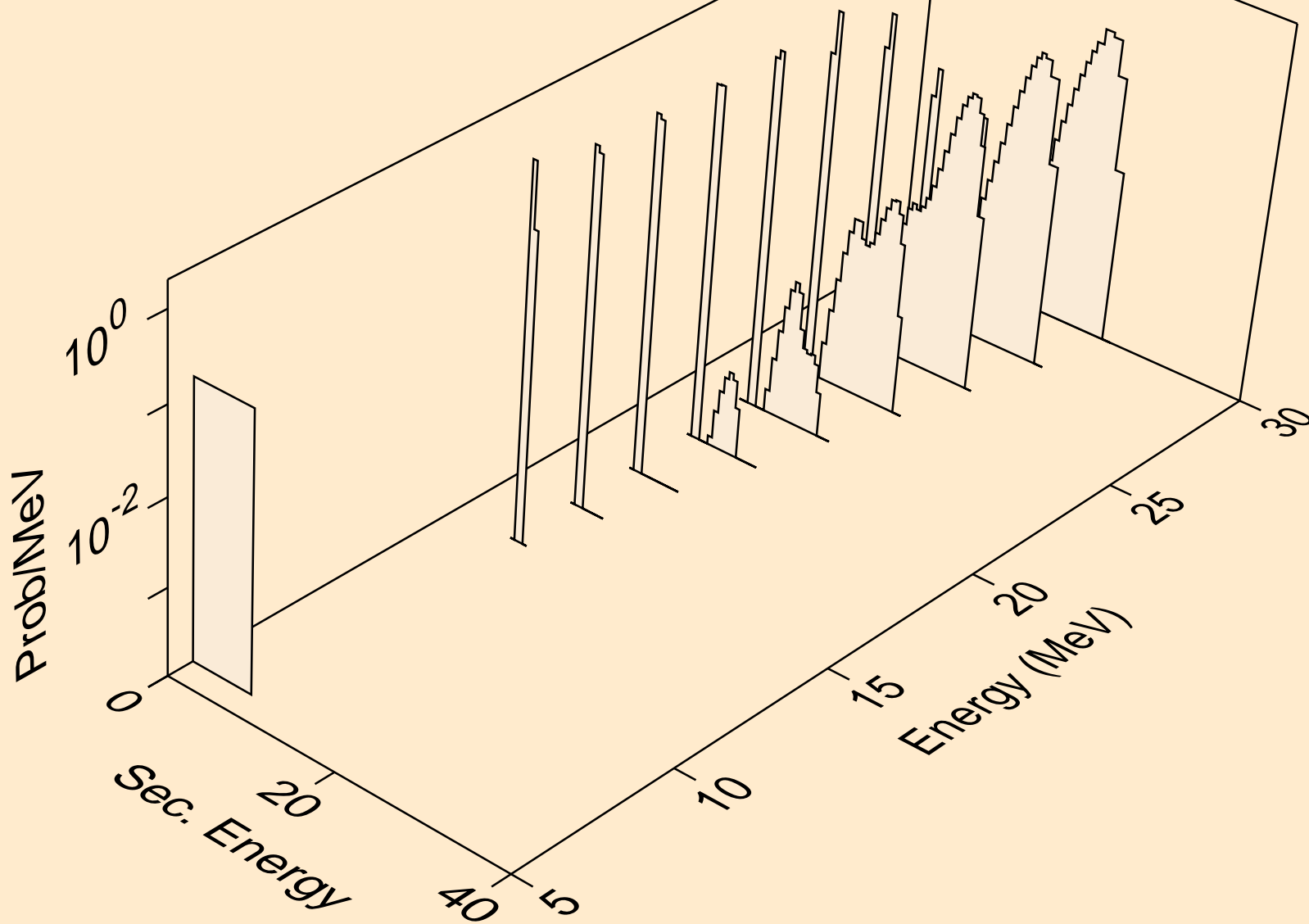
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alphas from (n,n*)a



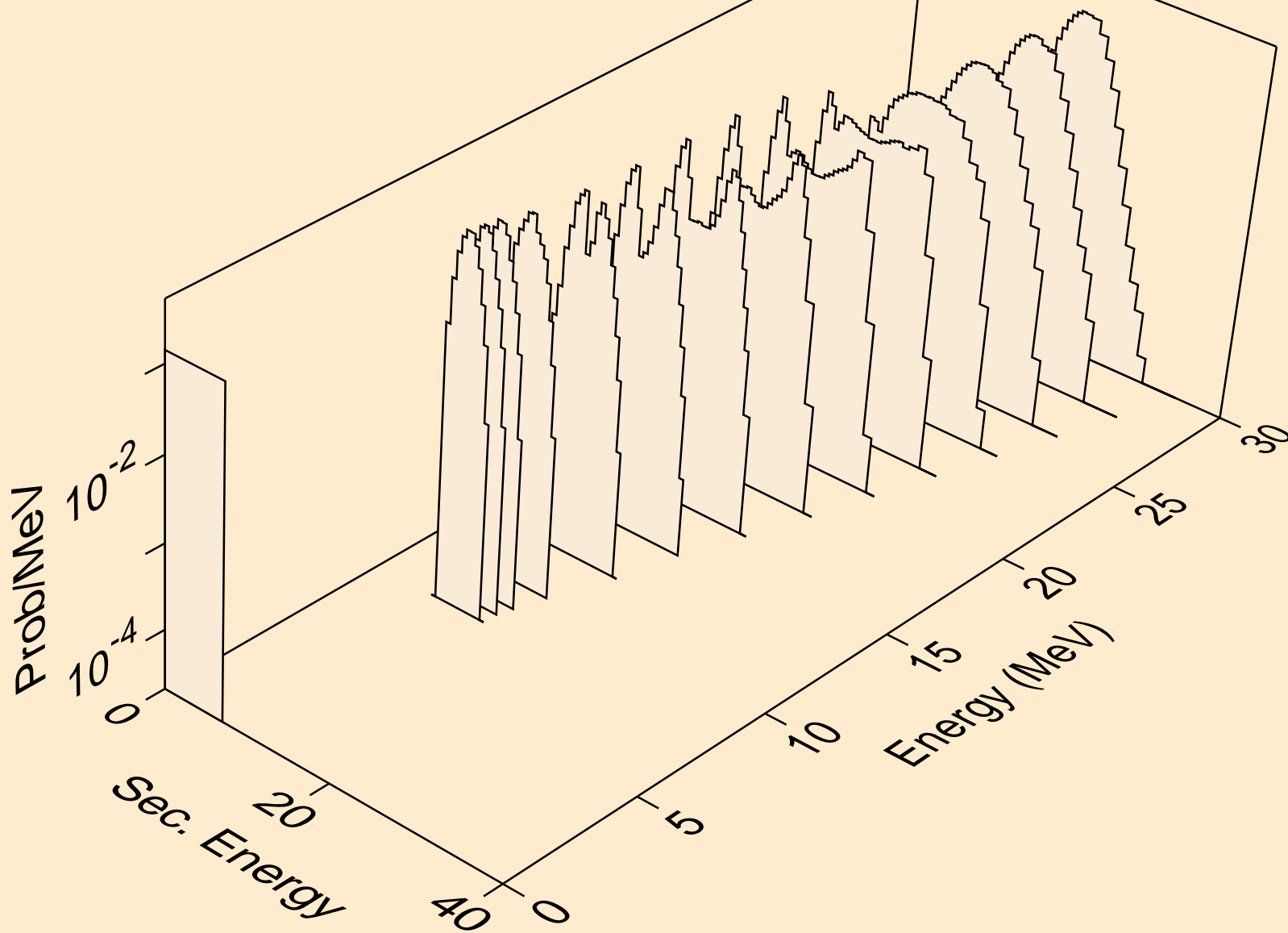
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alphas from (n,2n)a



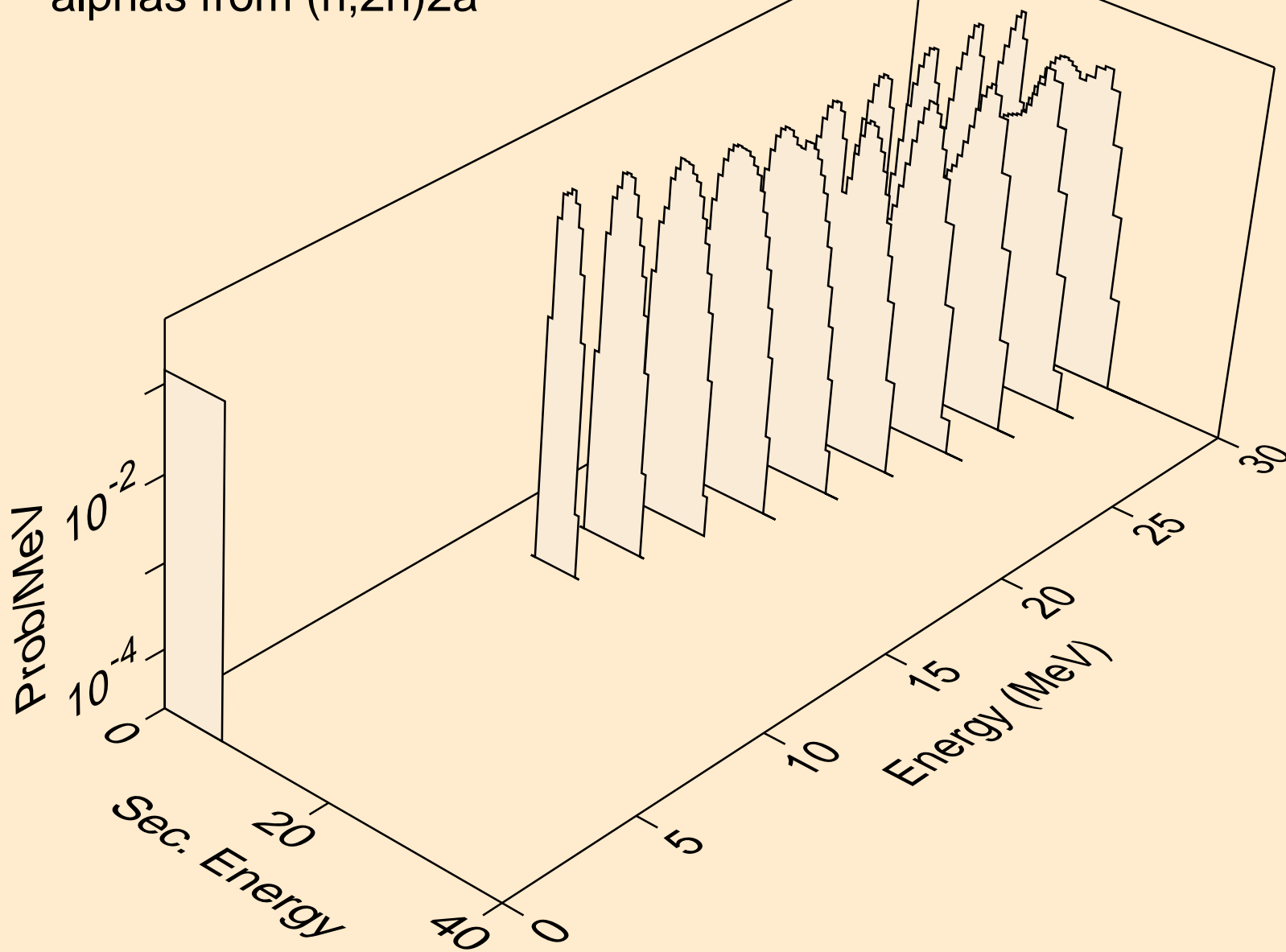
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alphas from (n,3n)a



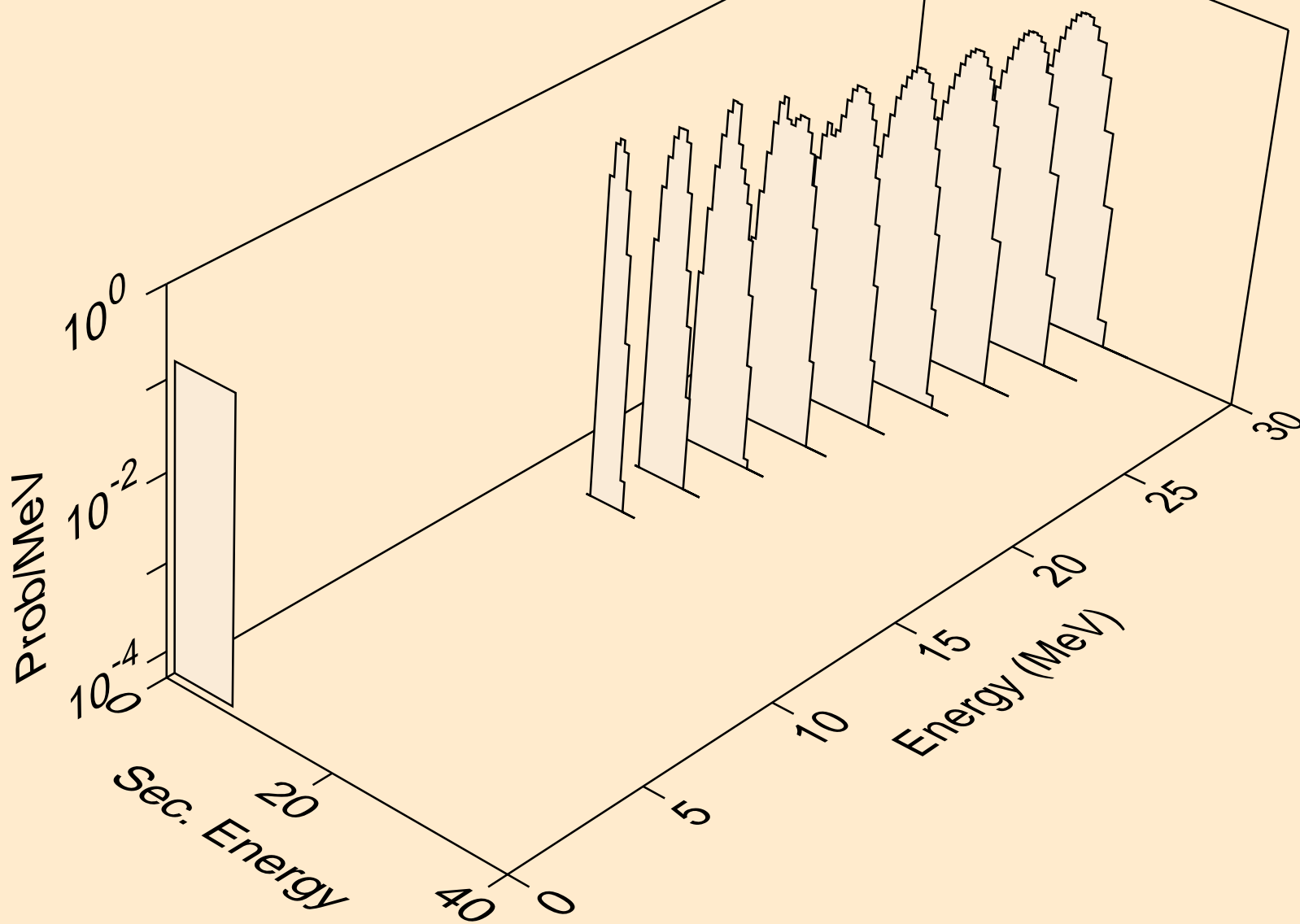
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alphas from (n,n*)2a



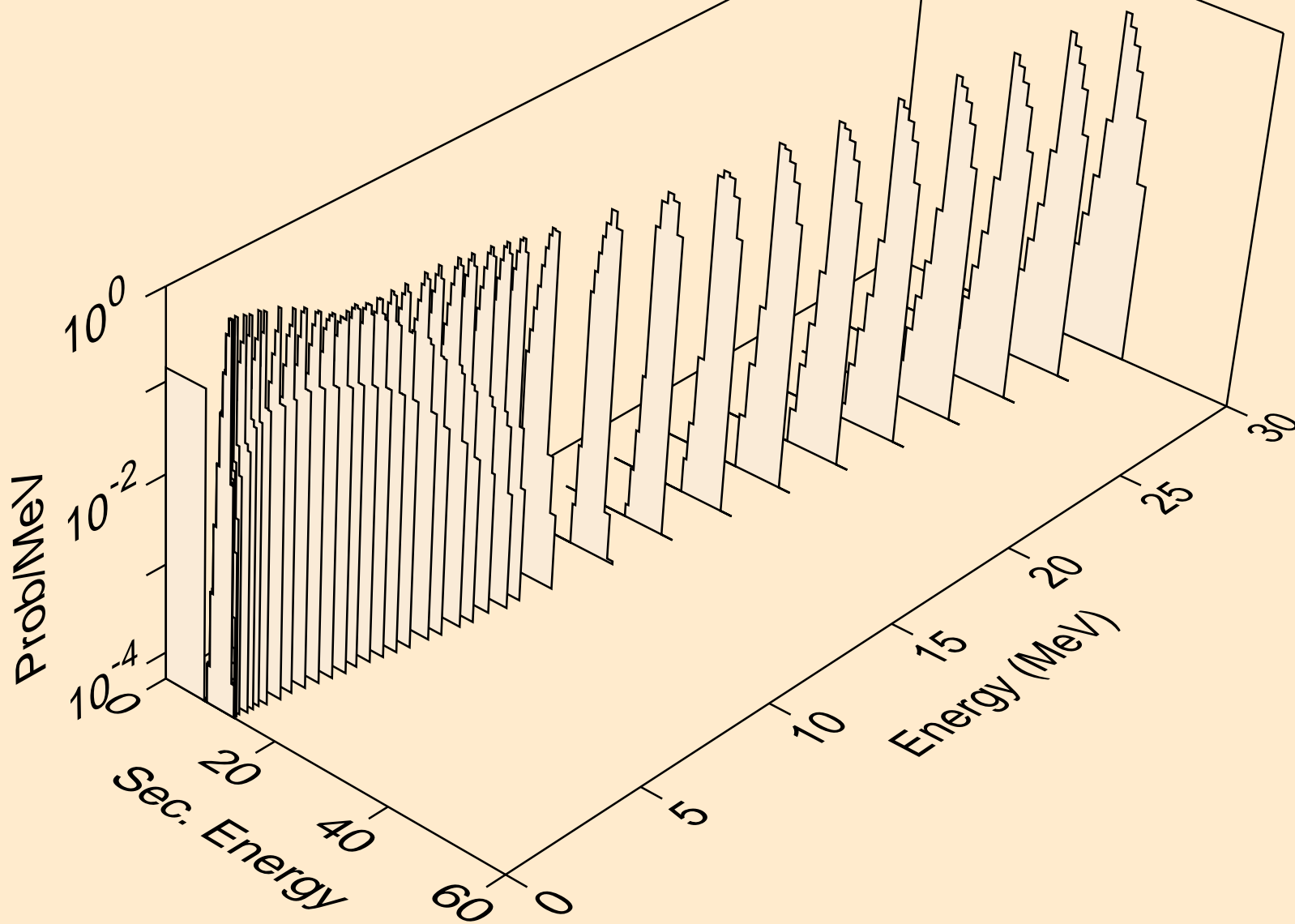
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)2a



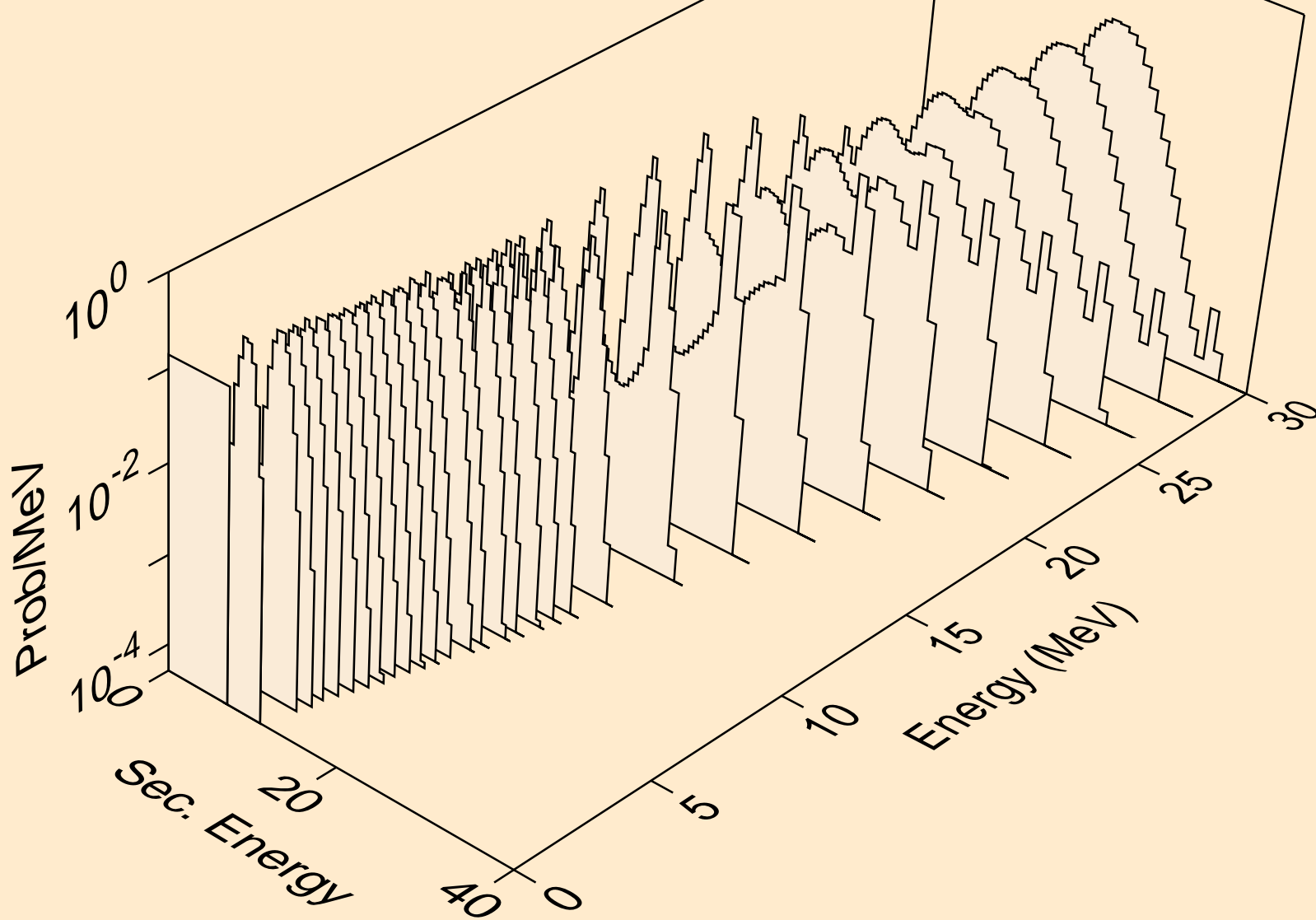
TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



TH227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)

