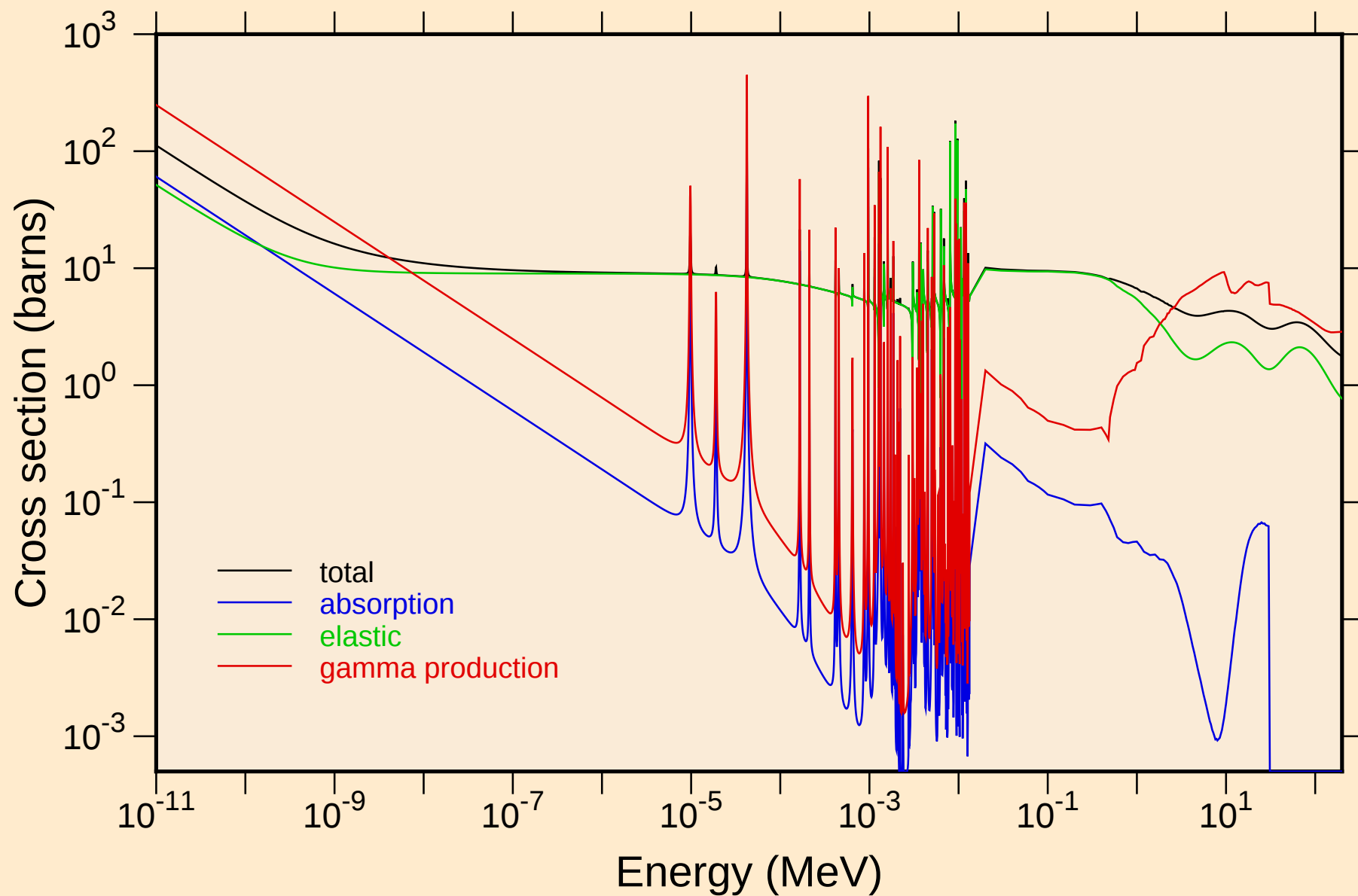
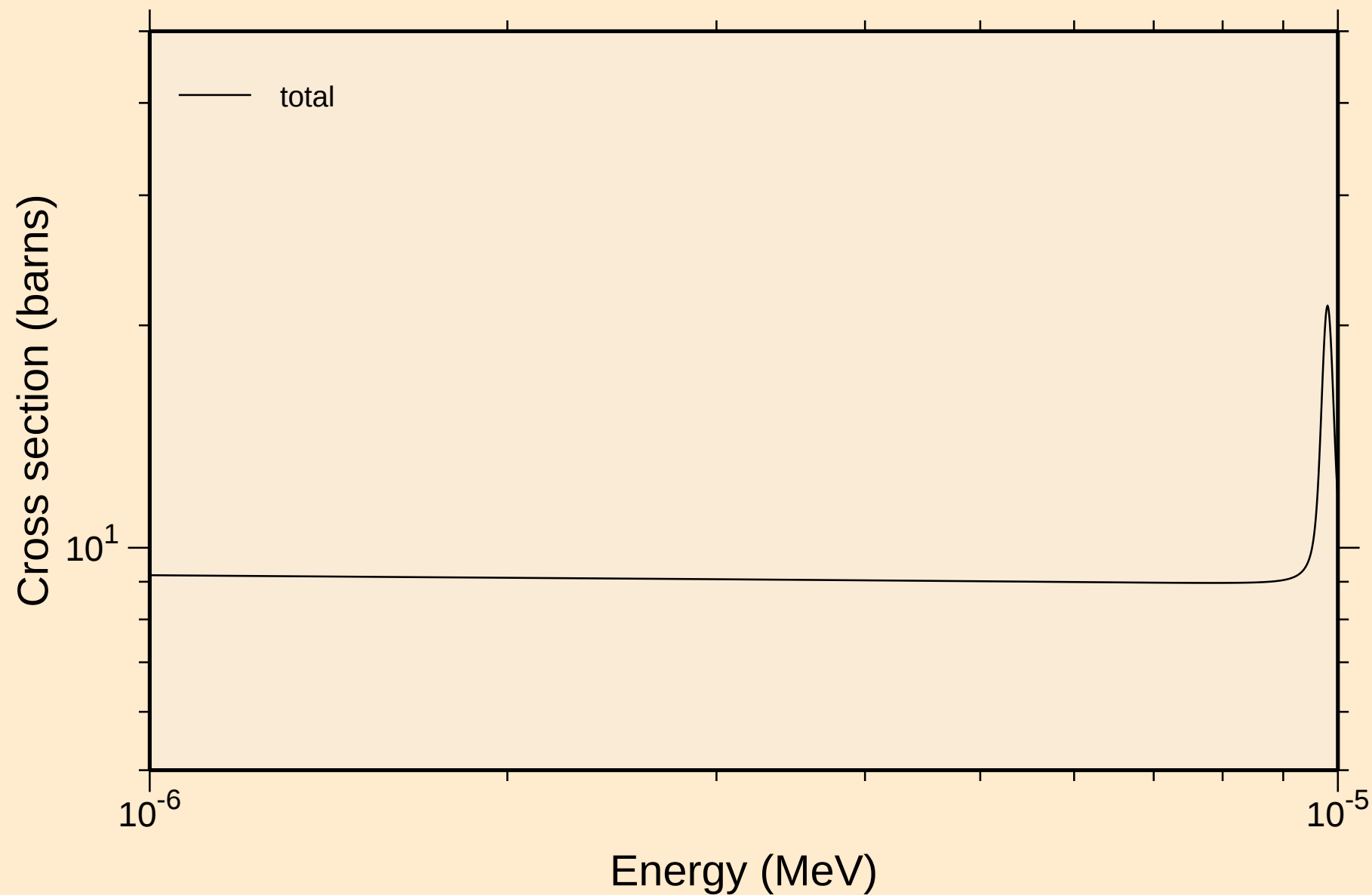


RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

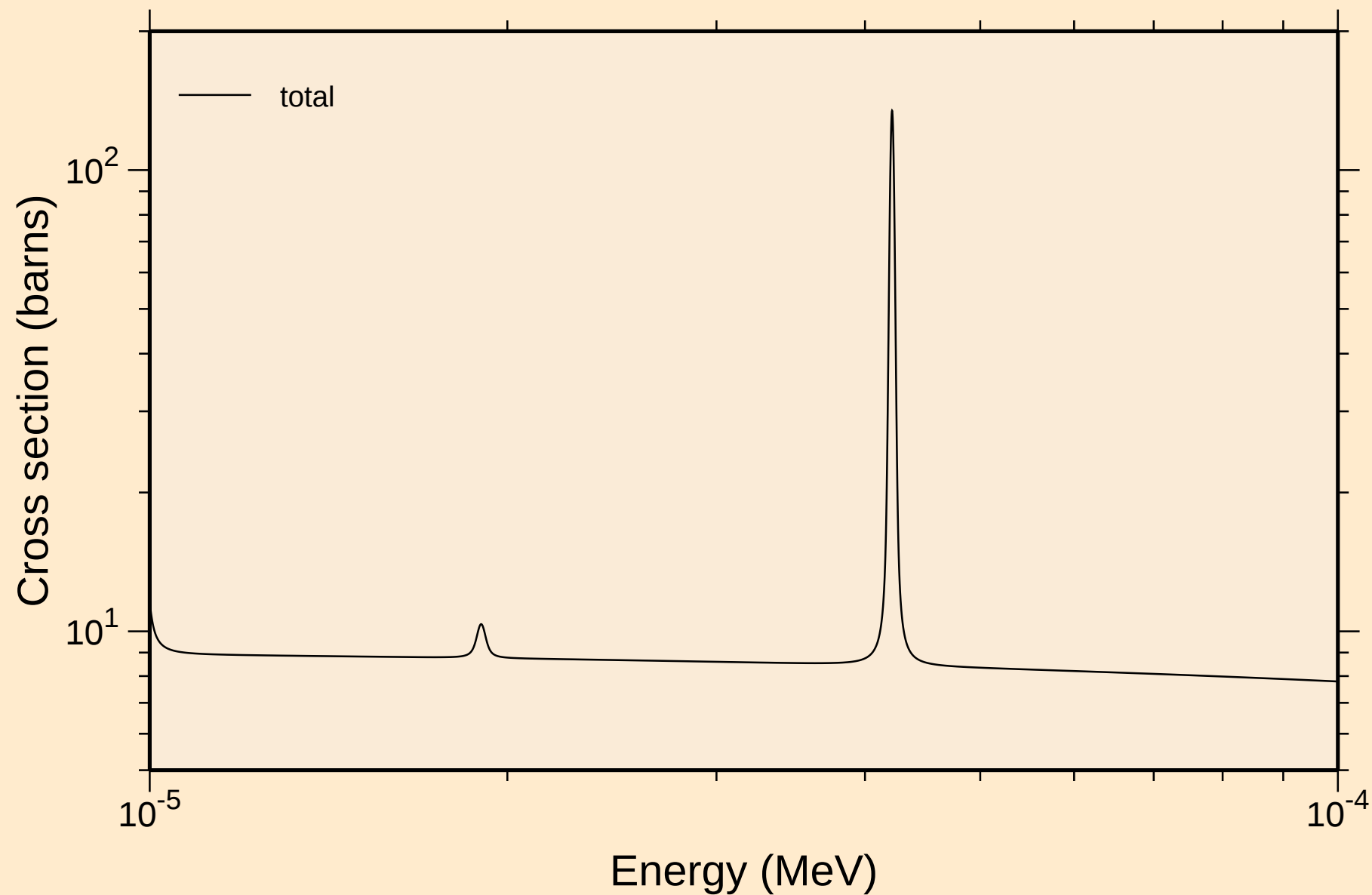
Principal cross sections



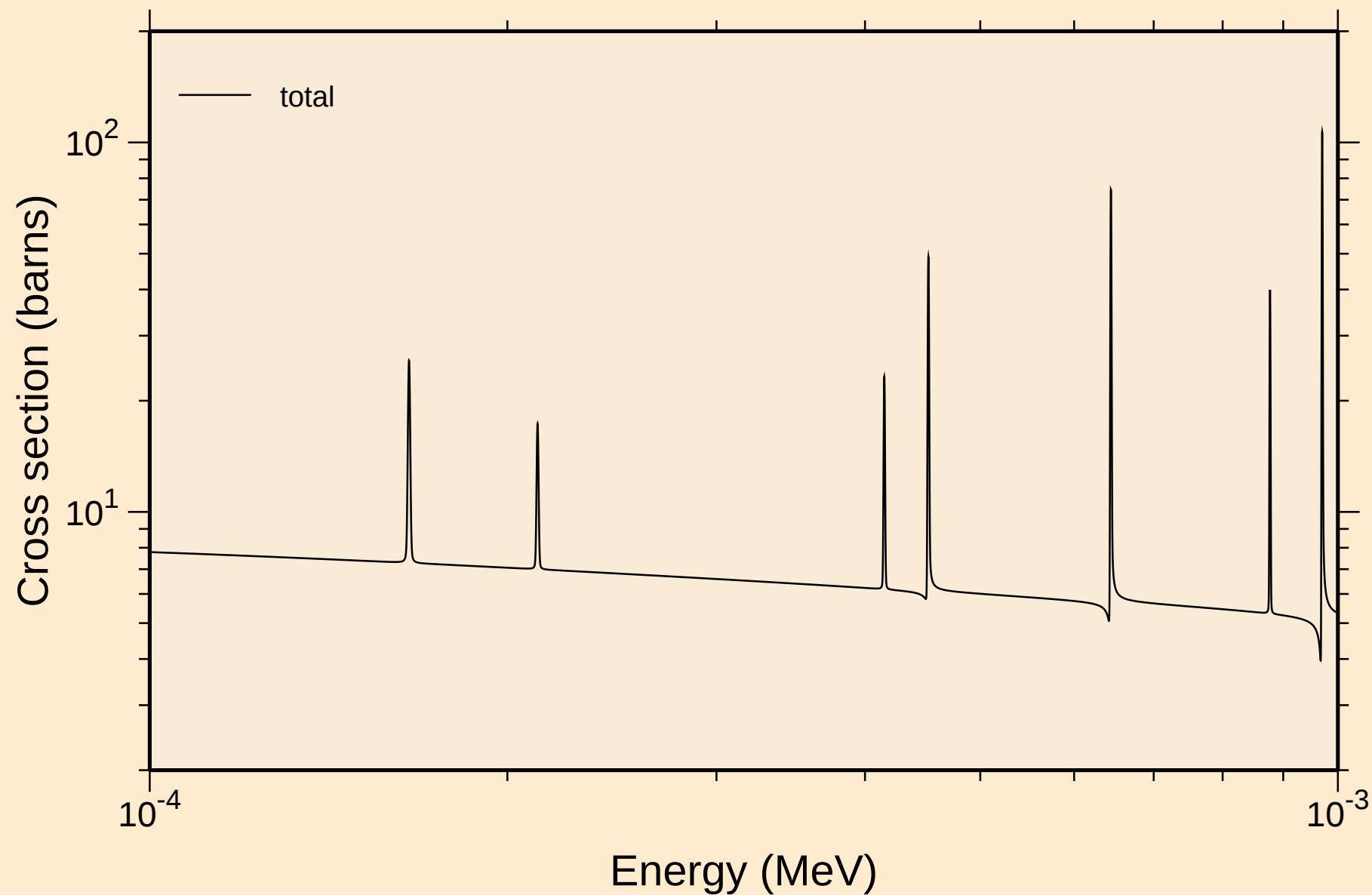
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



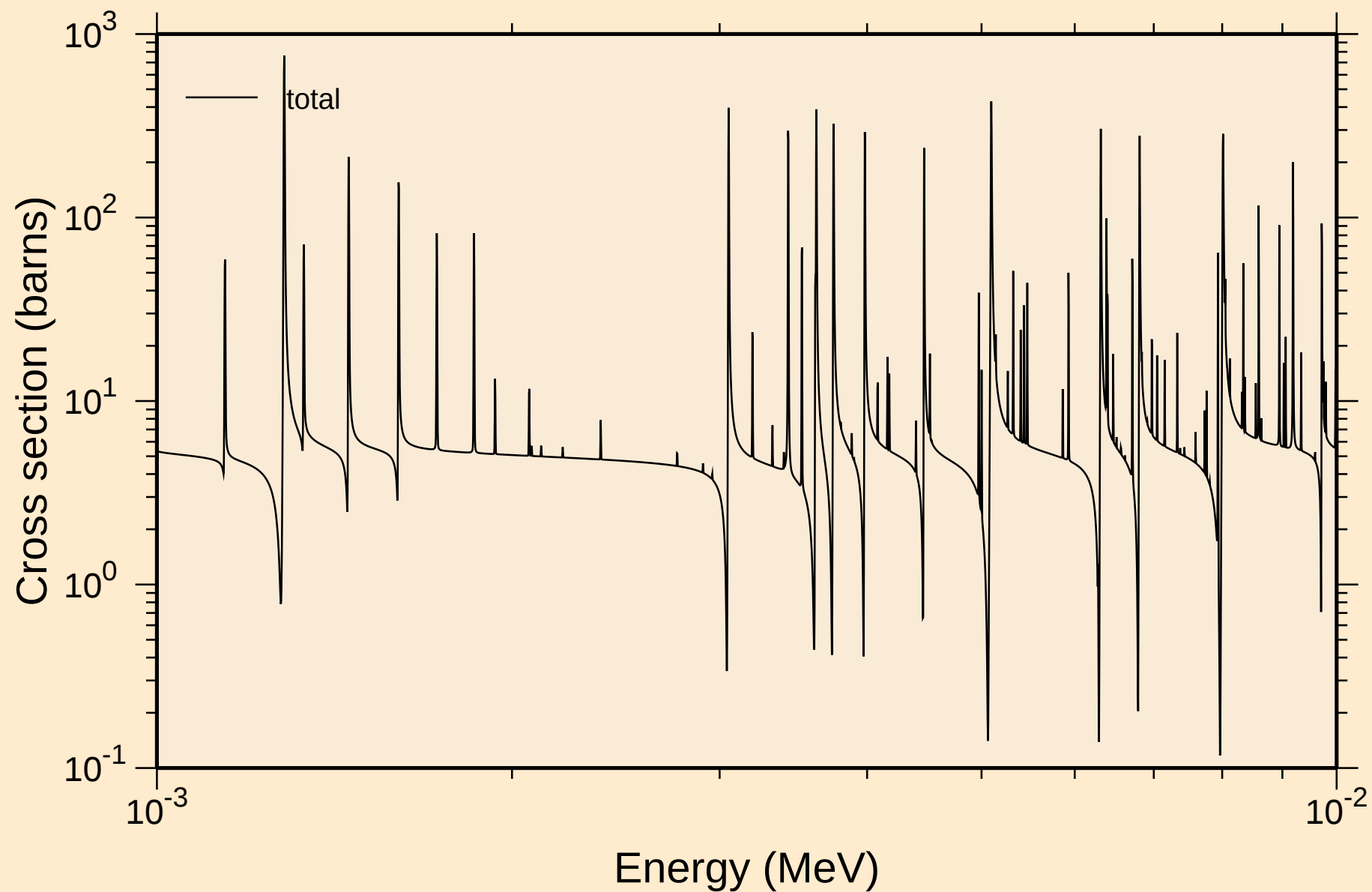
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



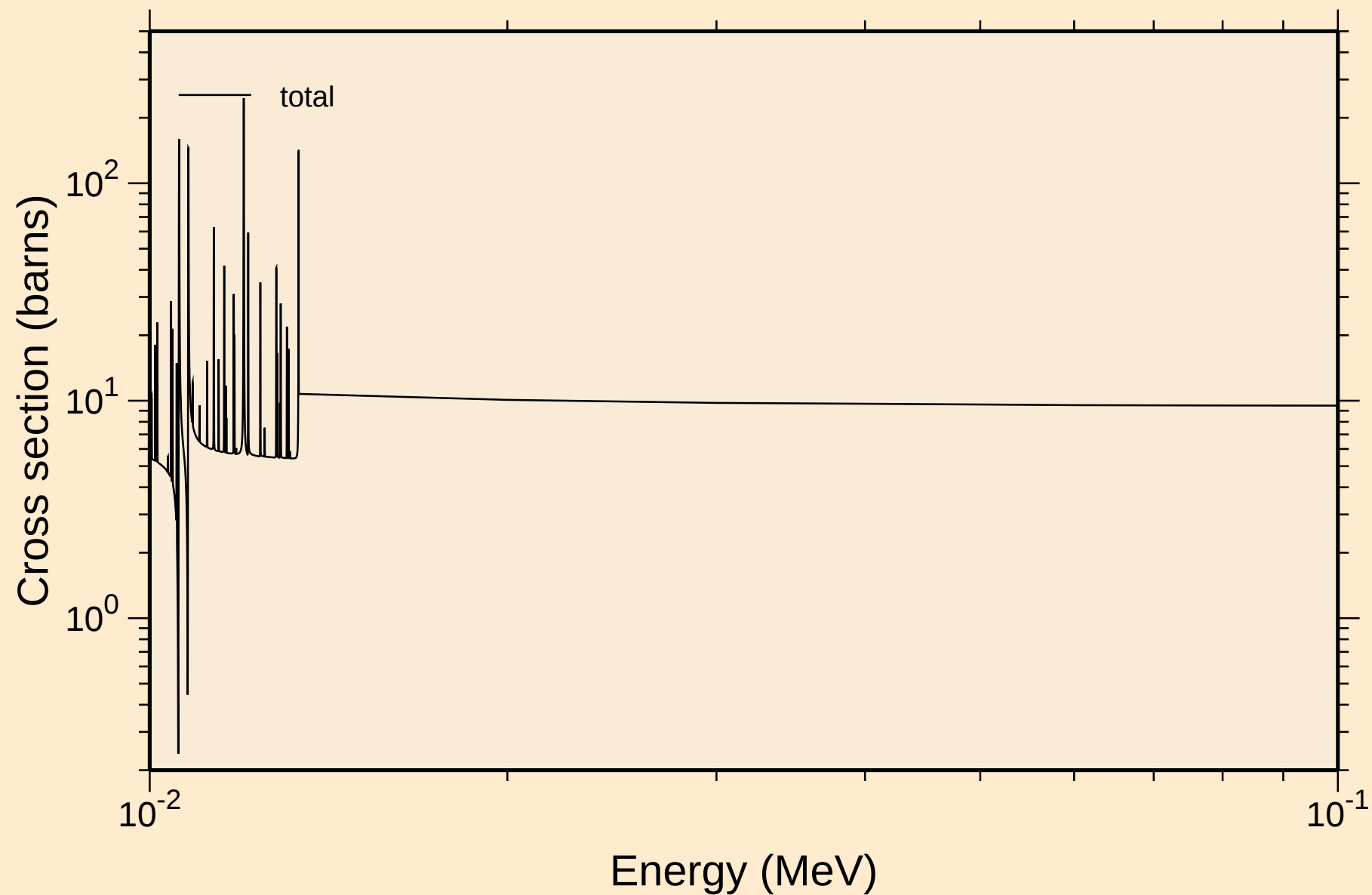
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



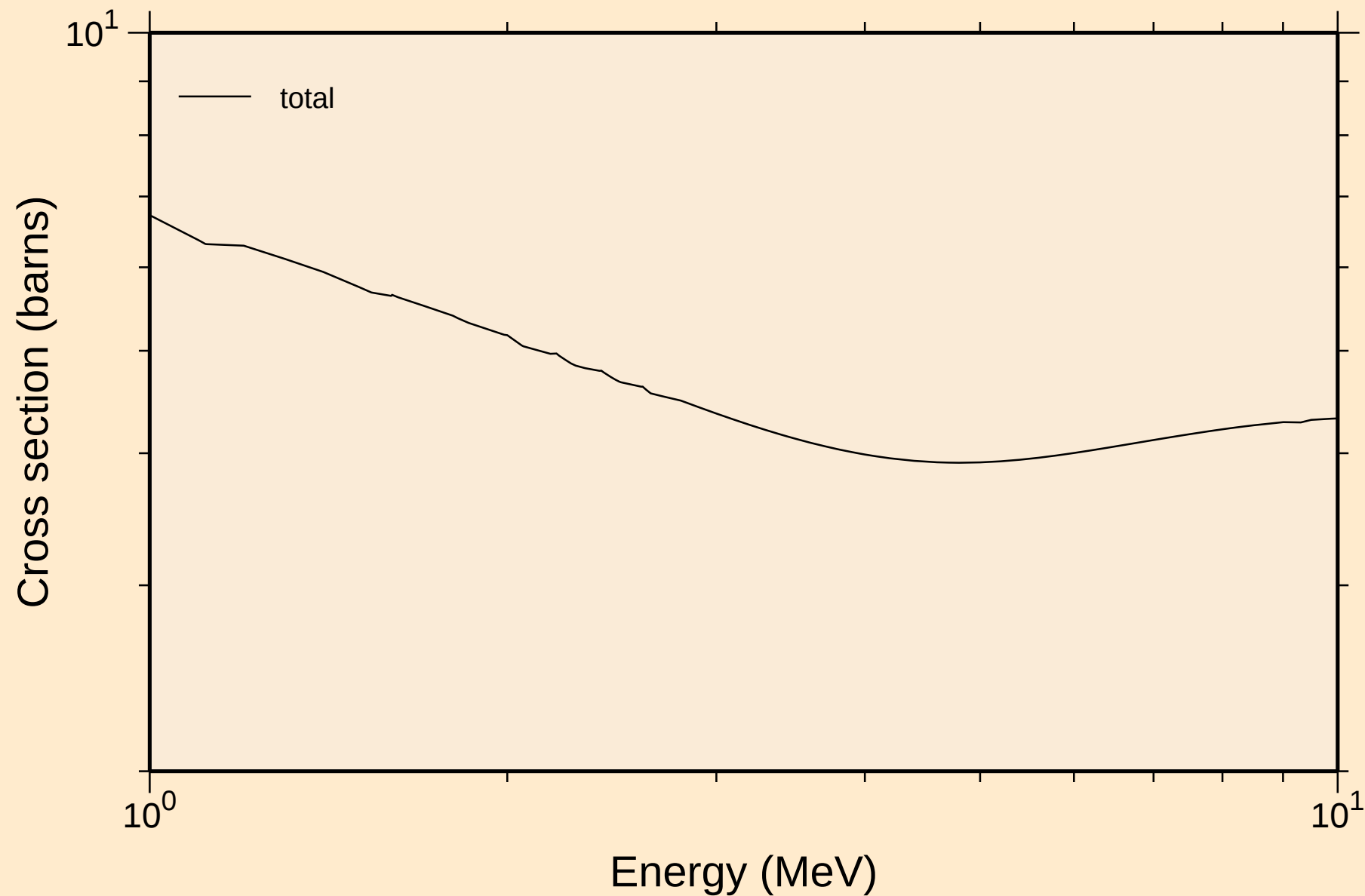
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



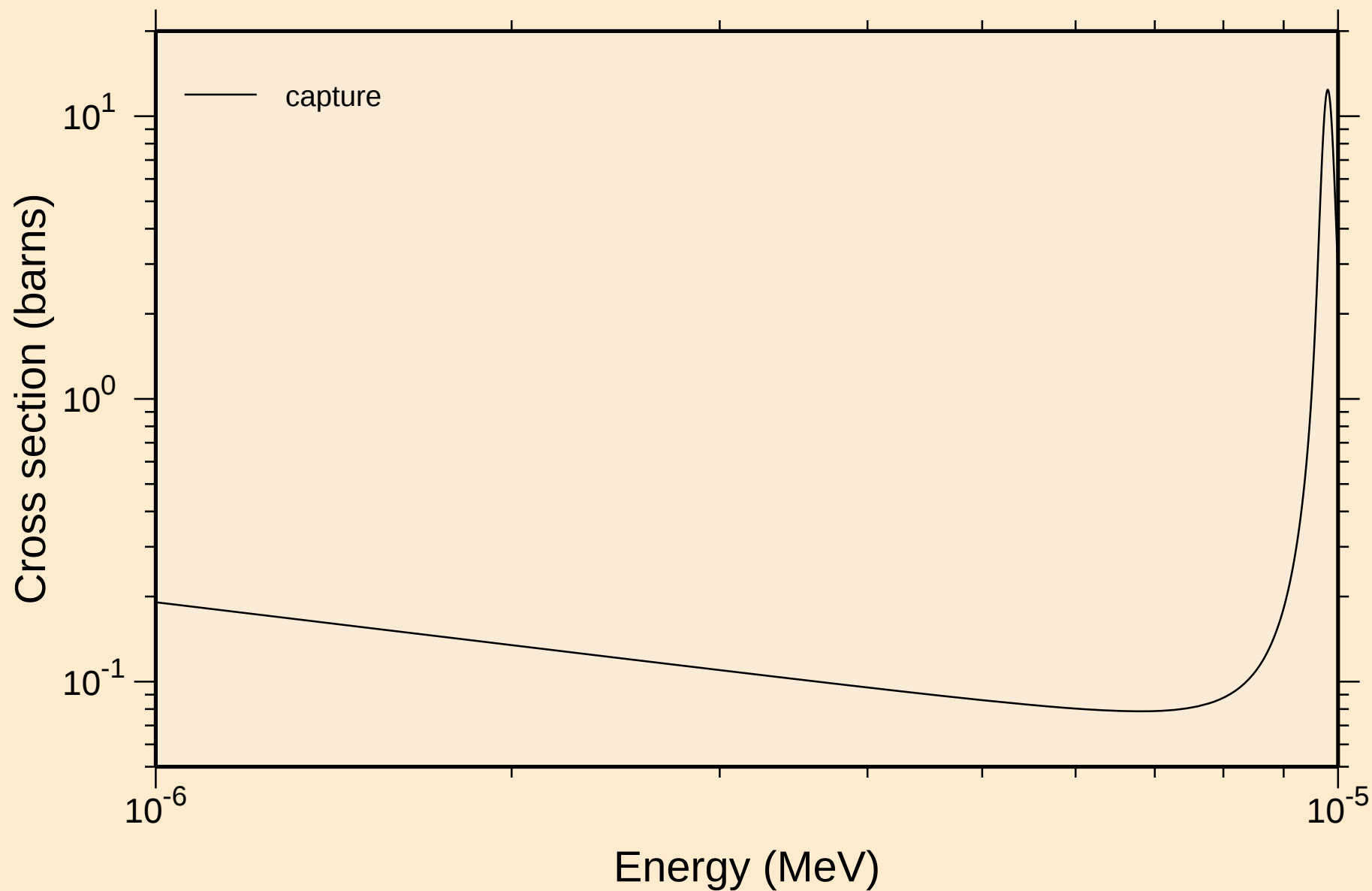
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



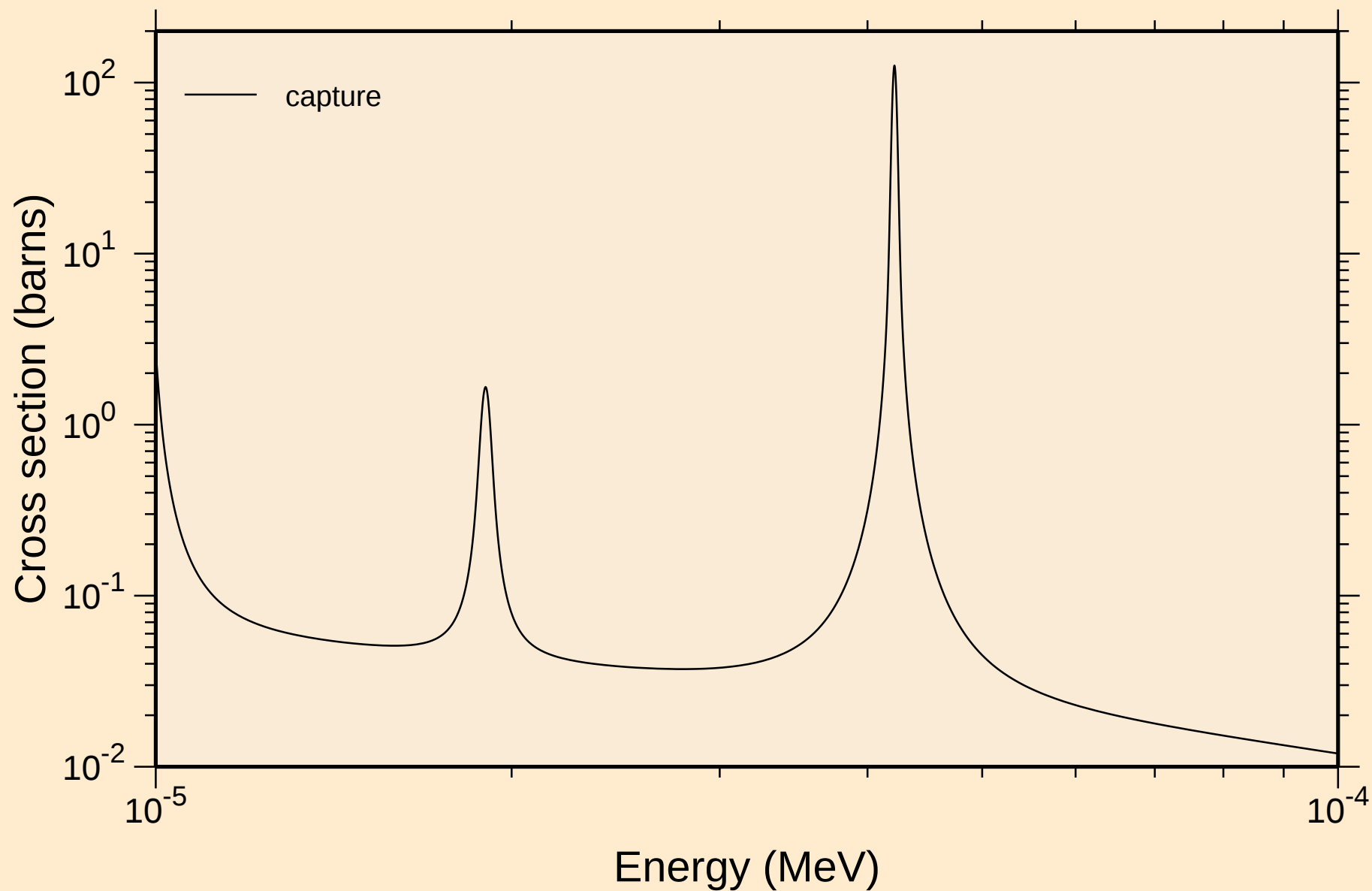
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



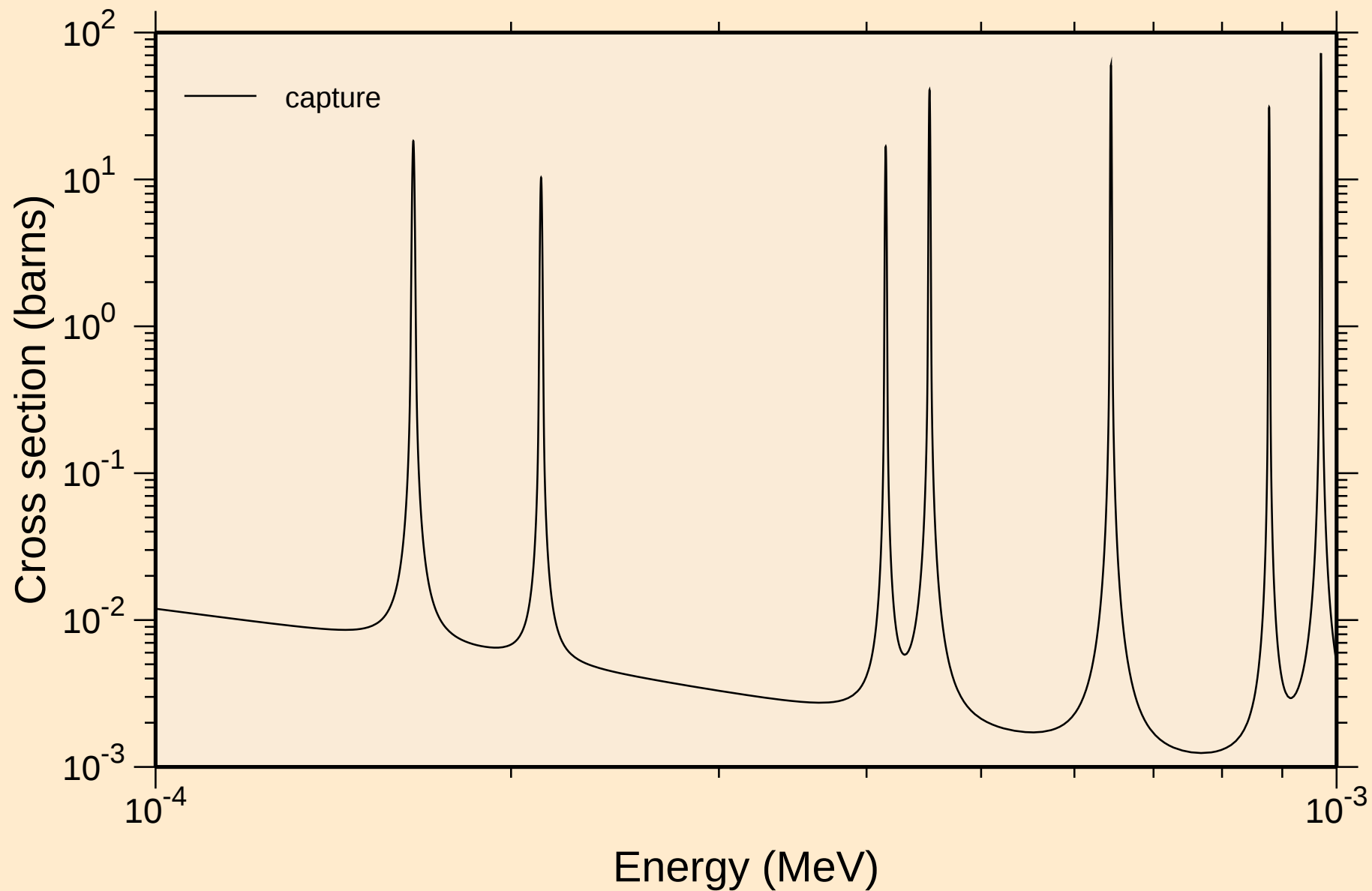
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



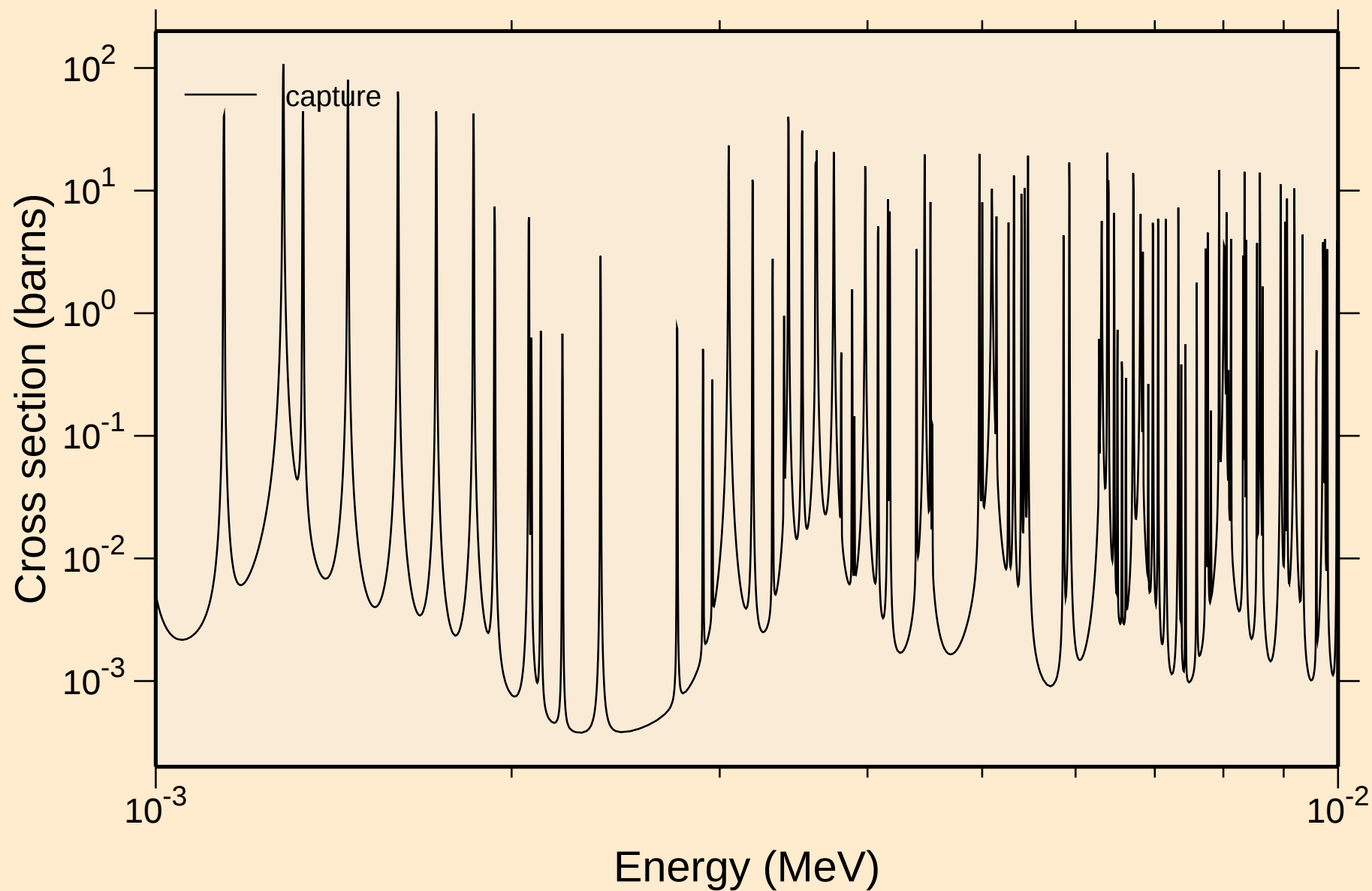
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



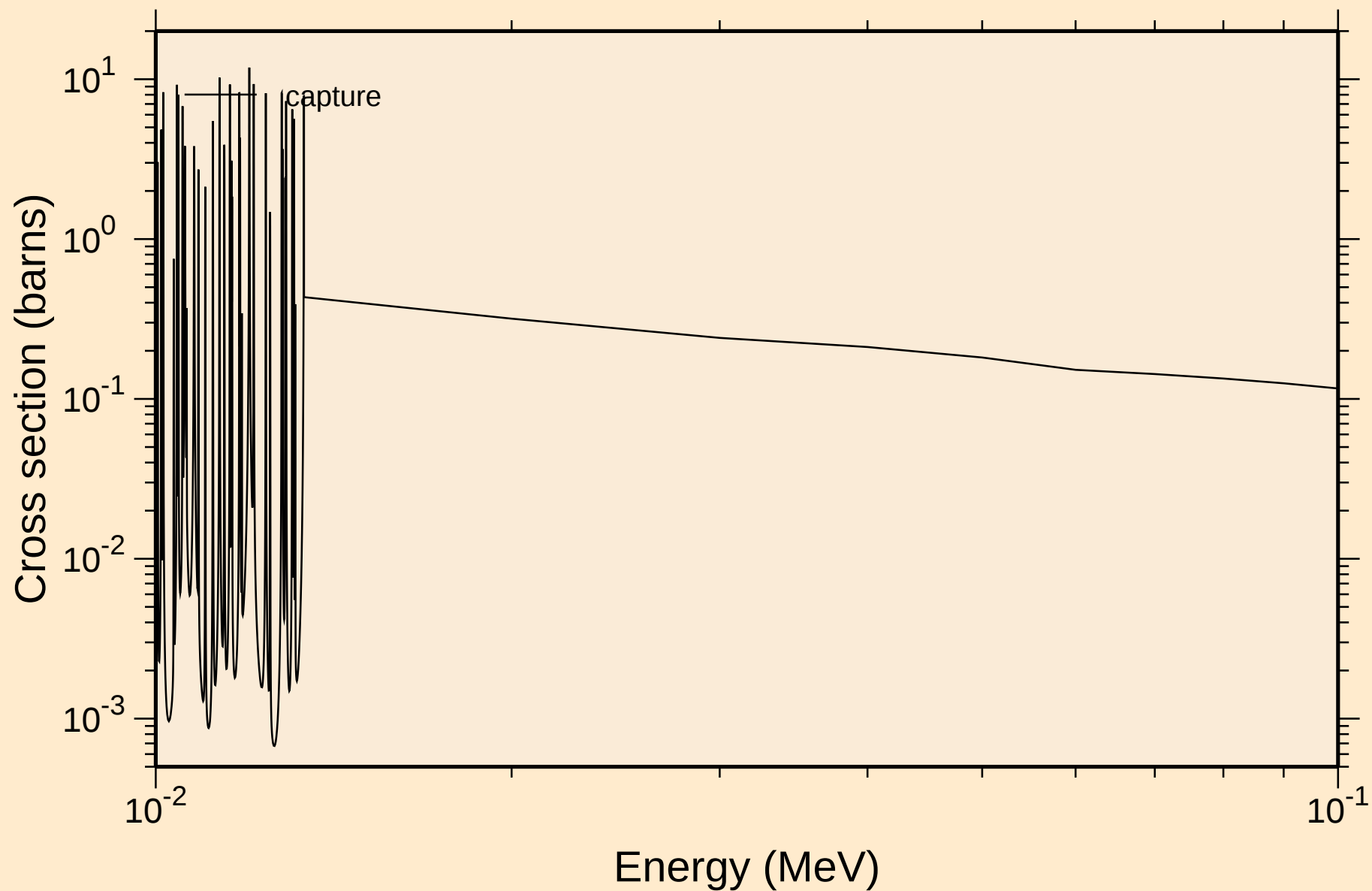
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



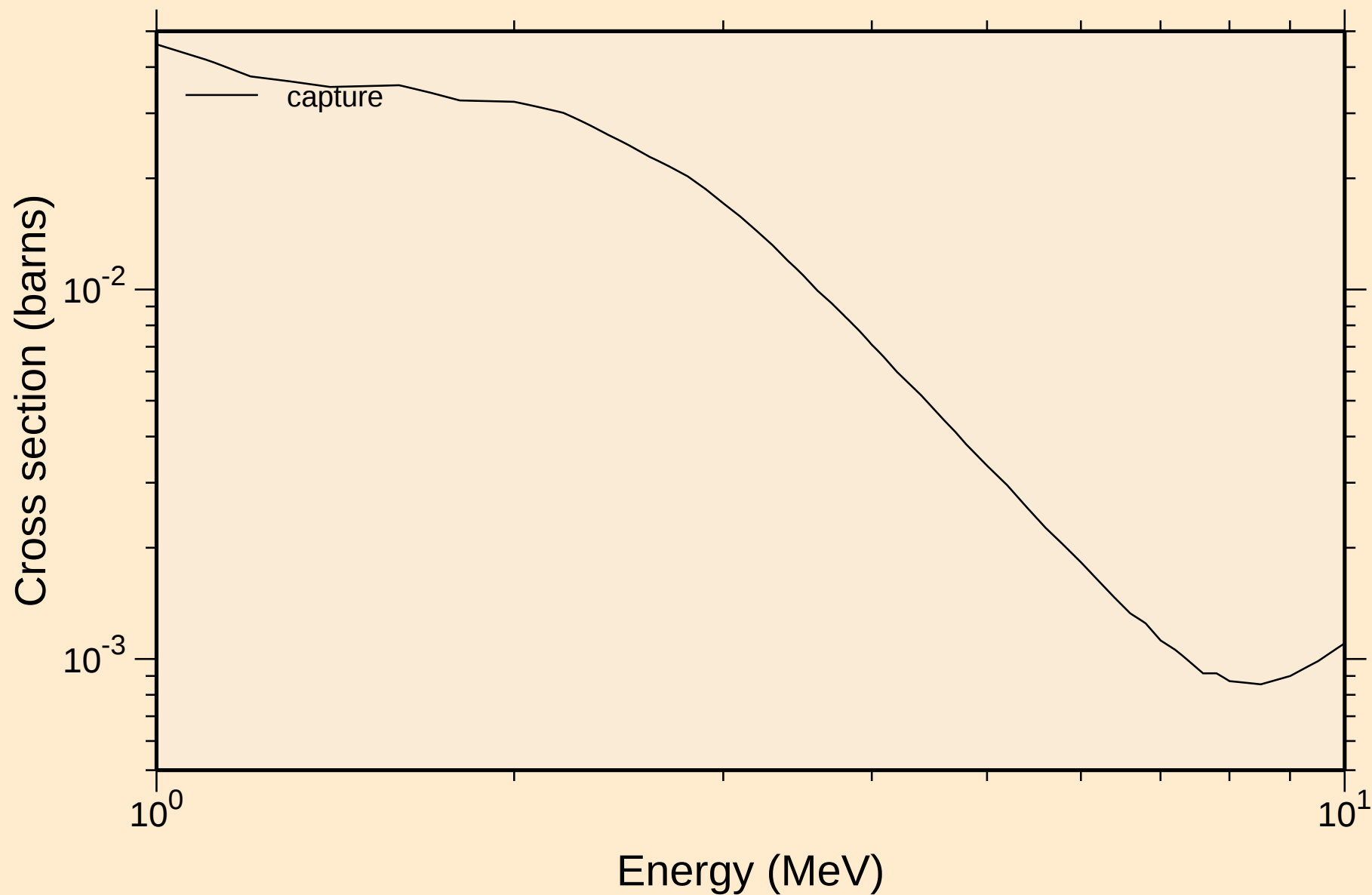
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



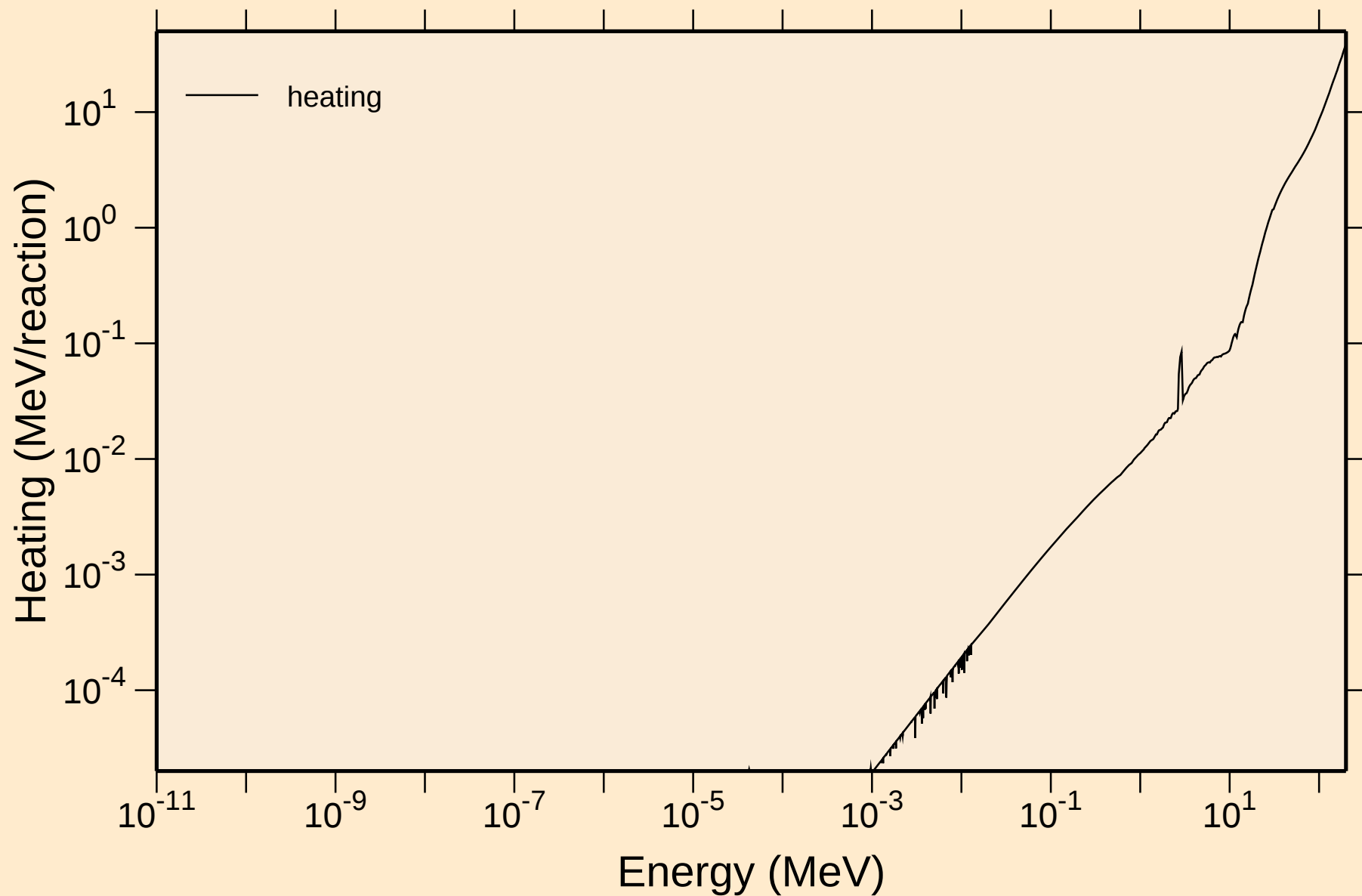
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resonance absorption cross sections



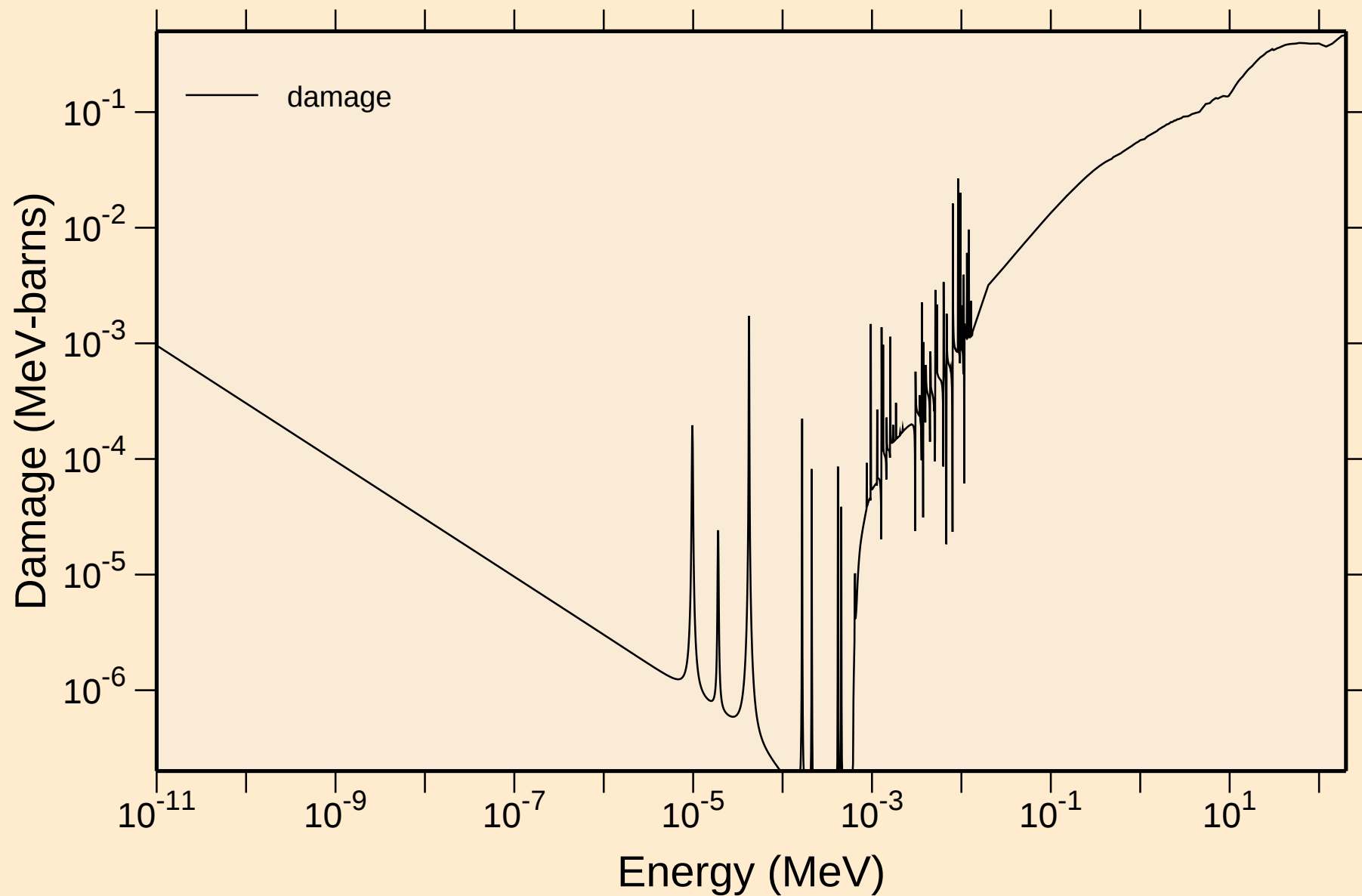
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



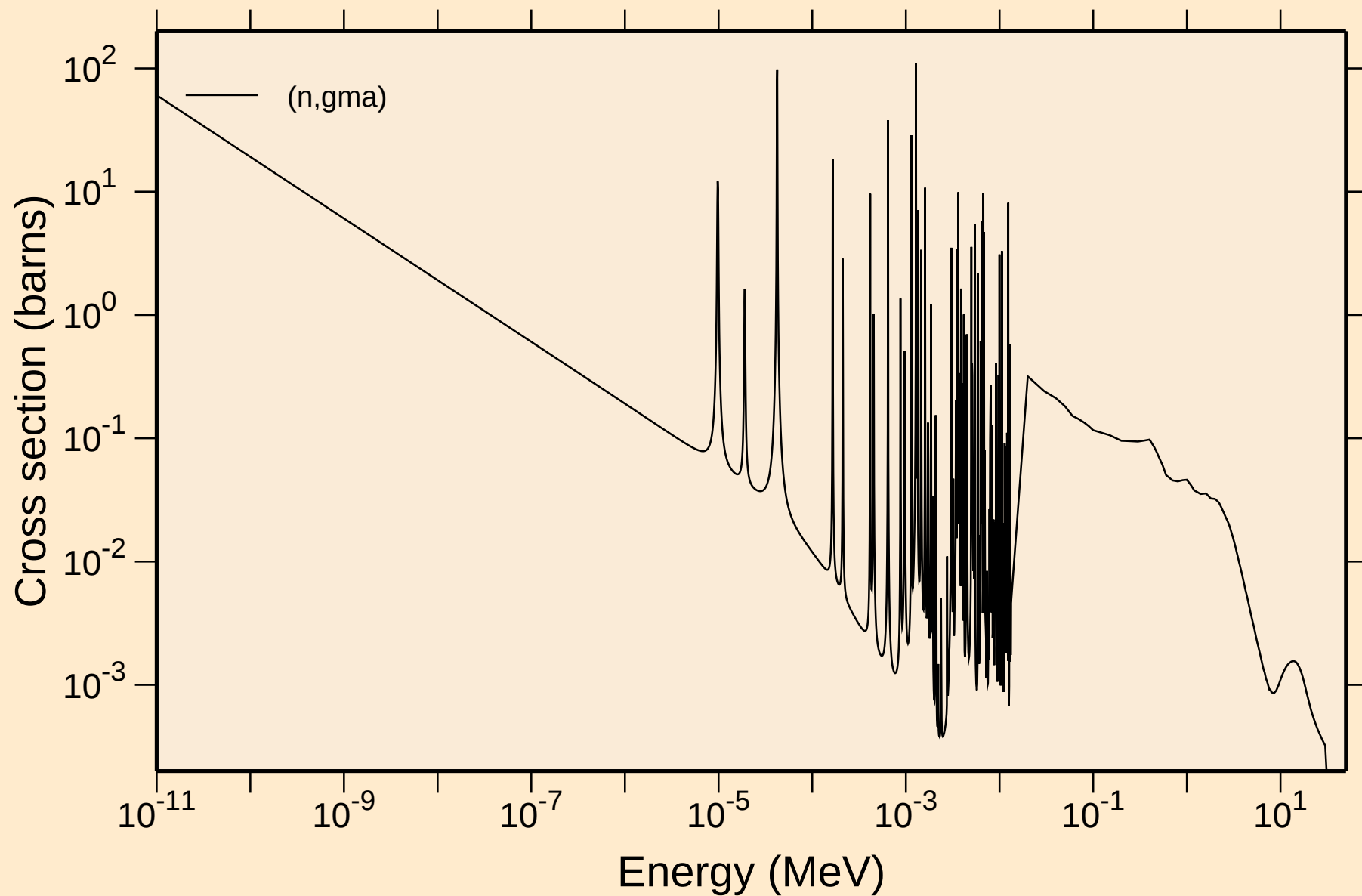
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage

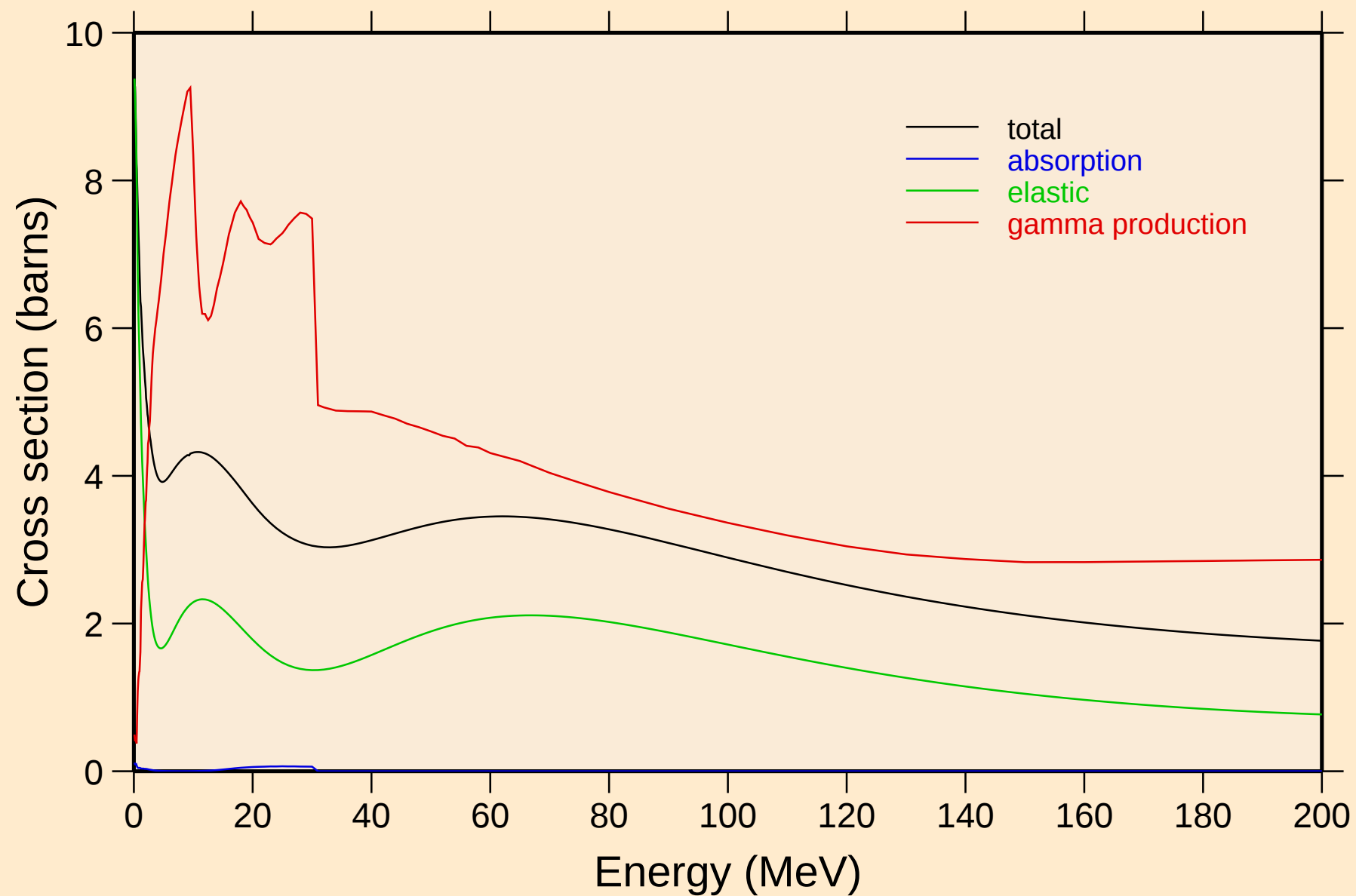


RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

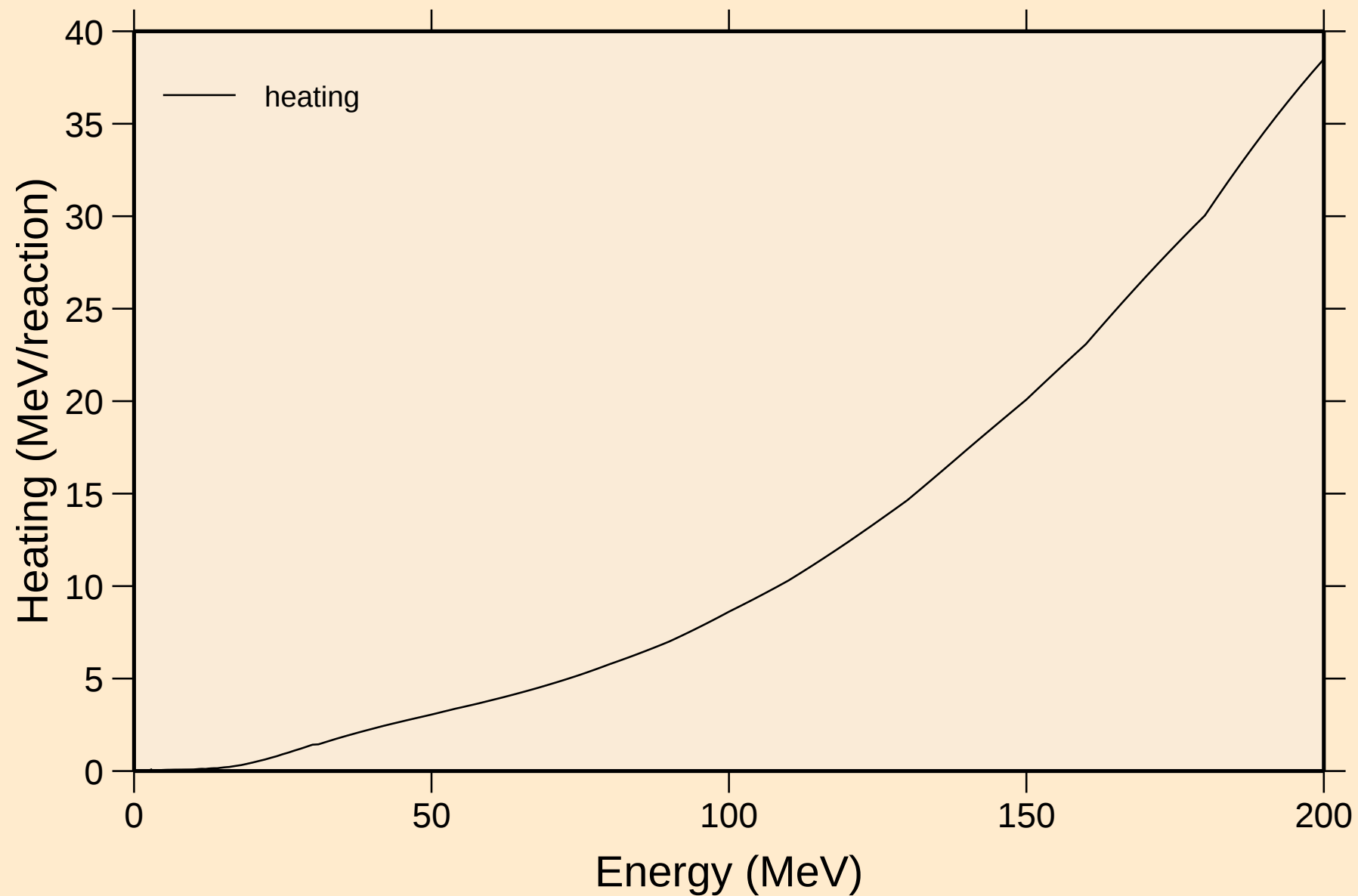


RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

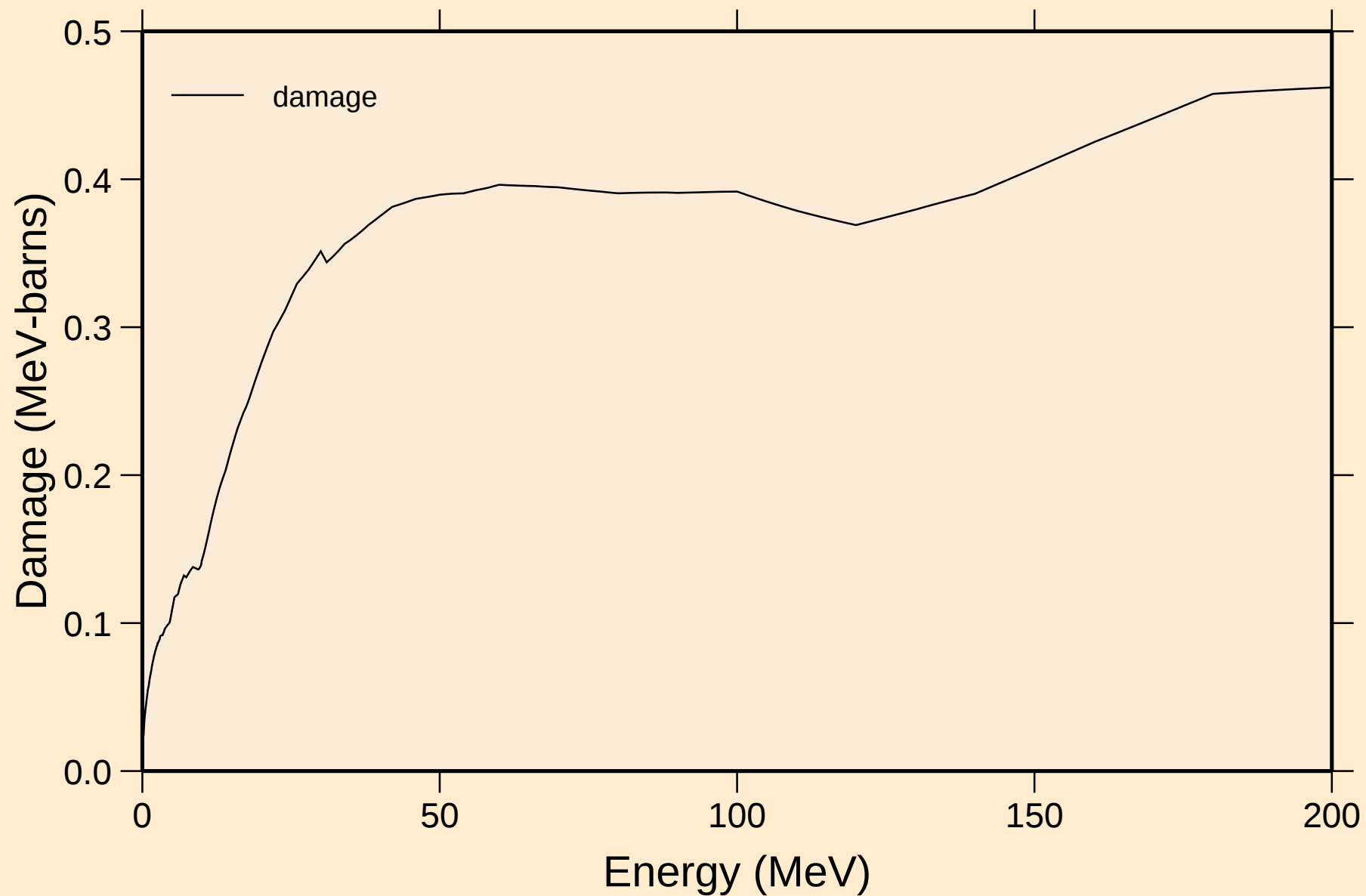
Principal cross sections



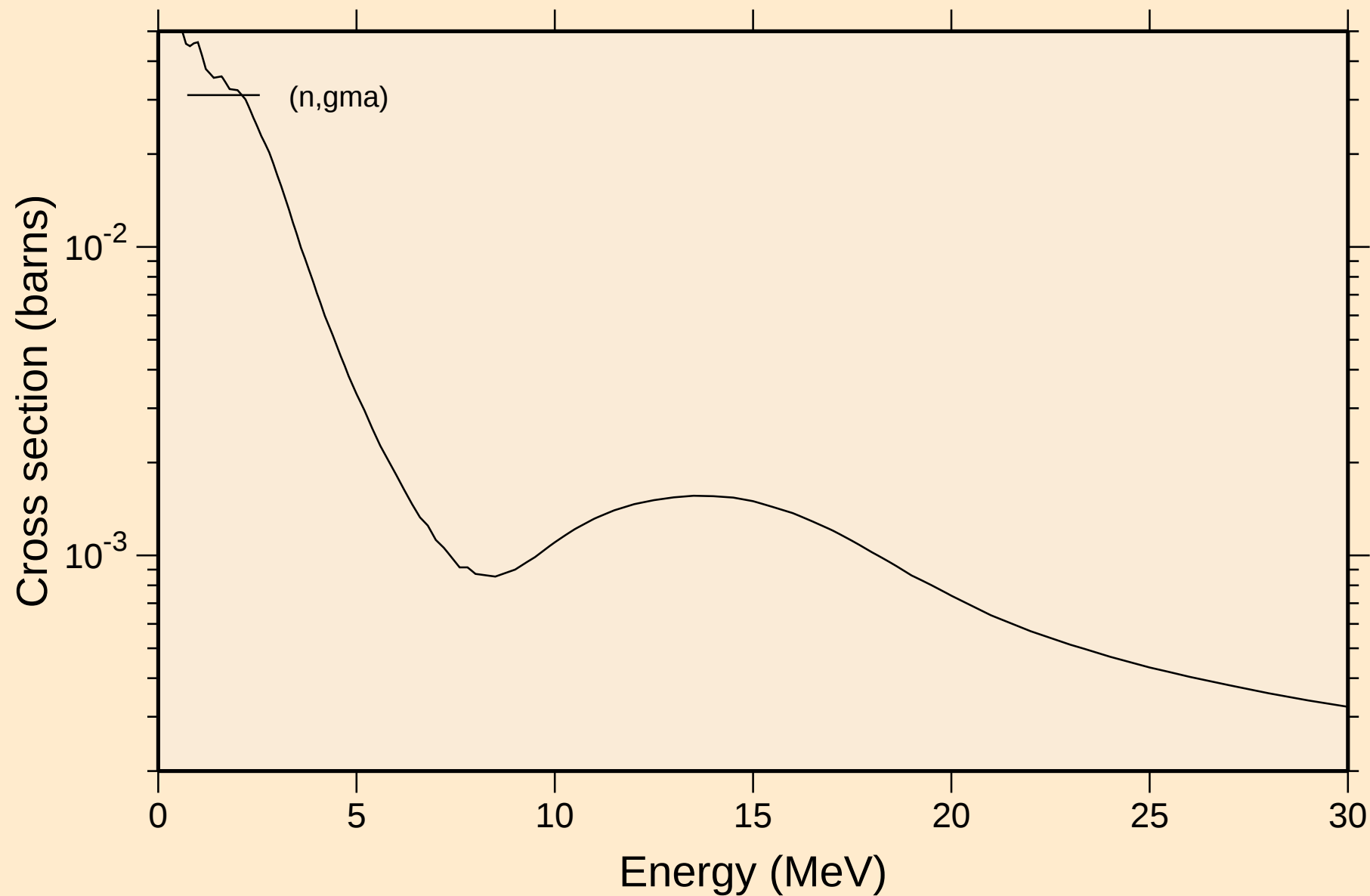
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



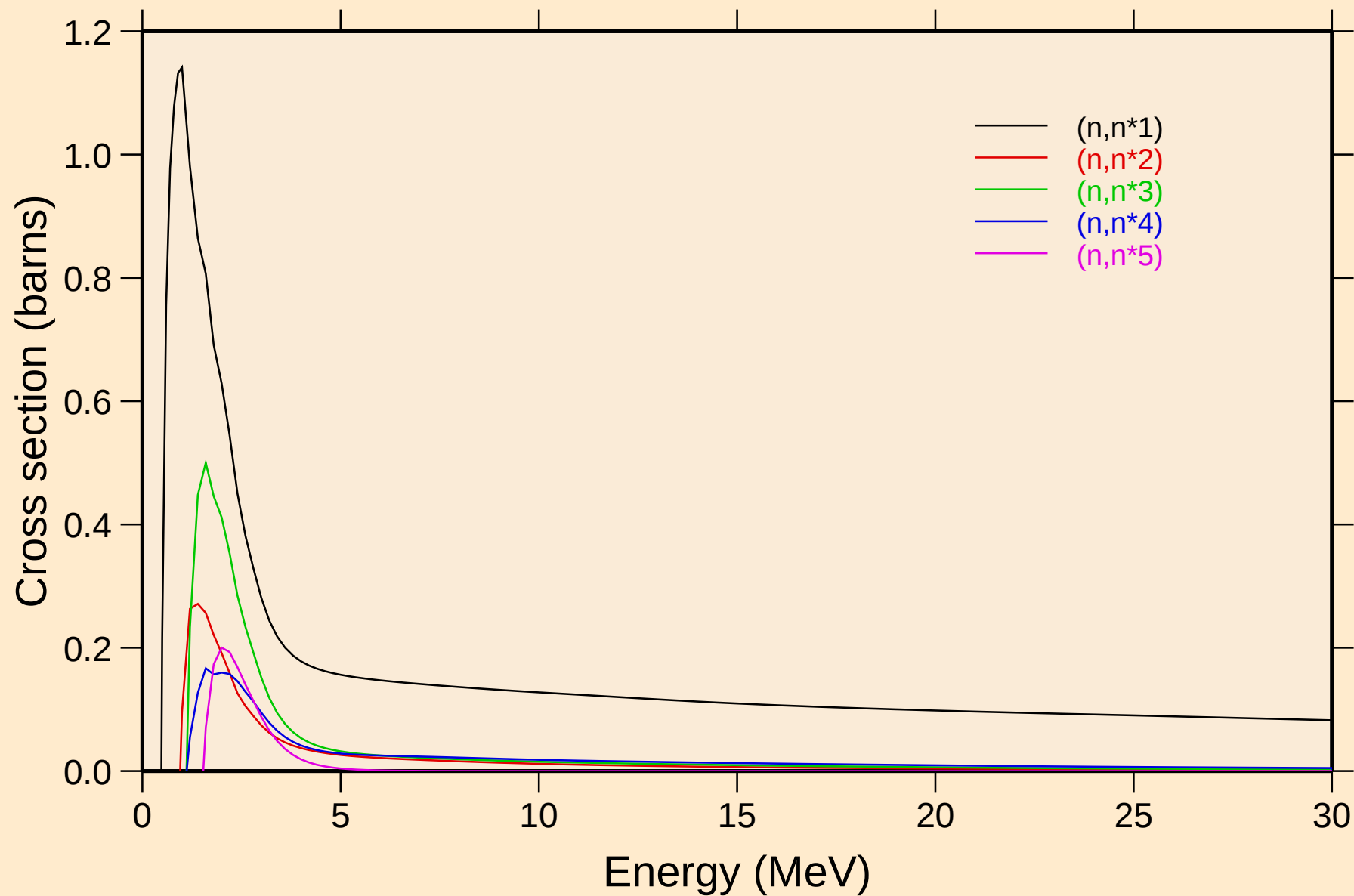
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



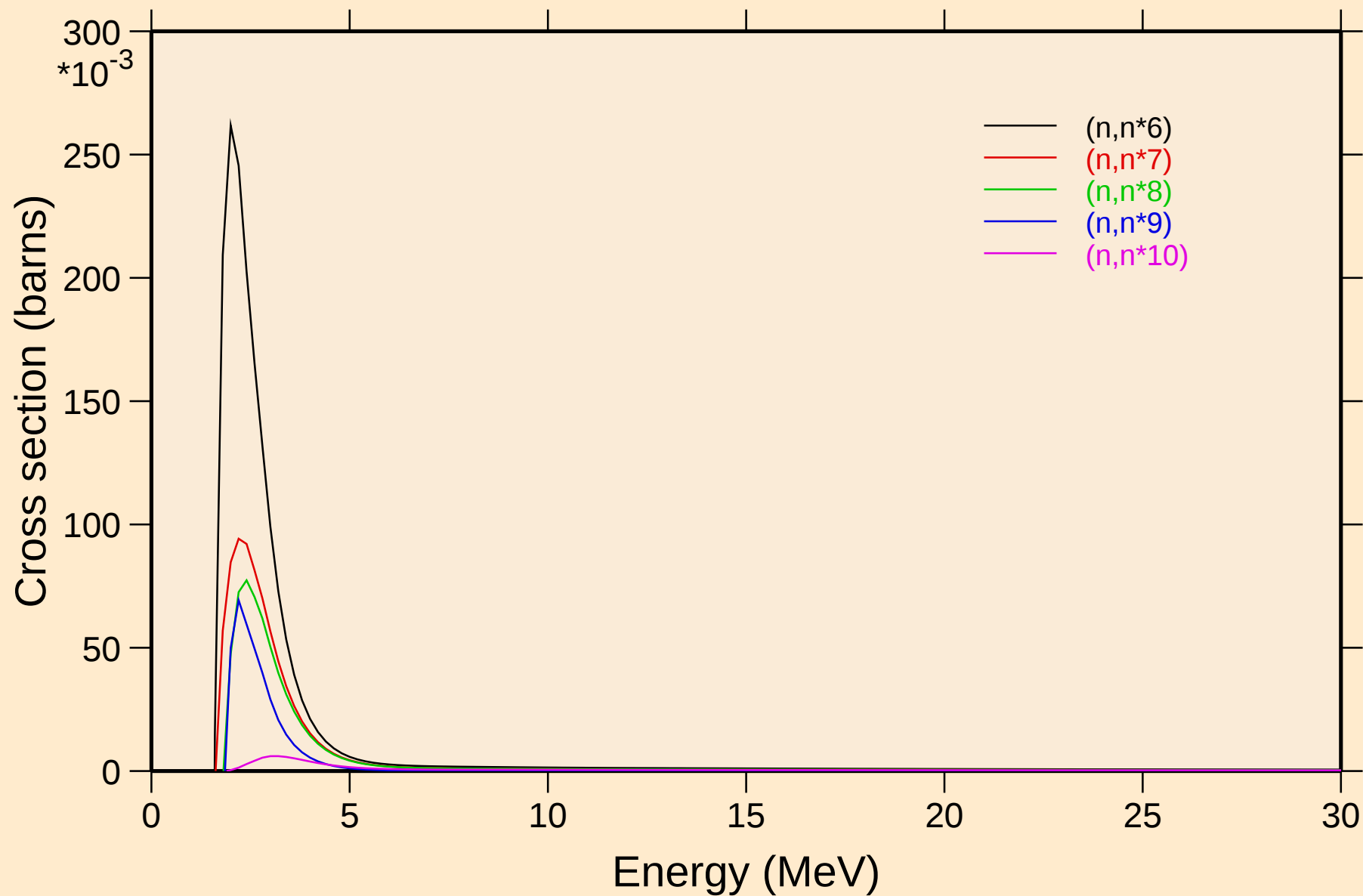
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



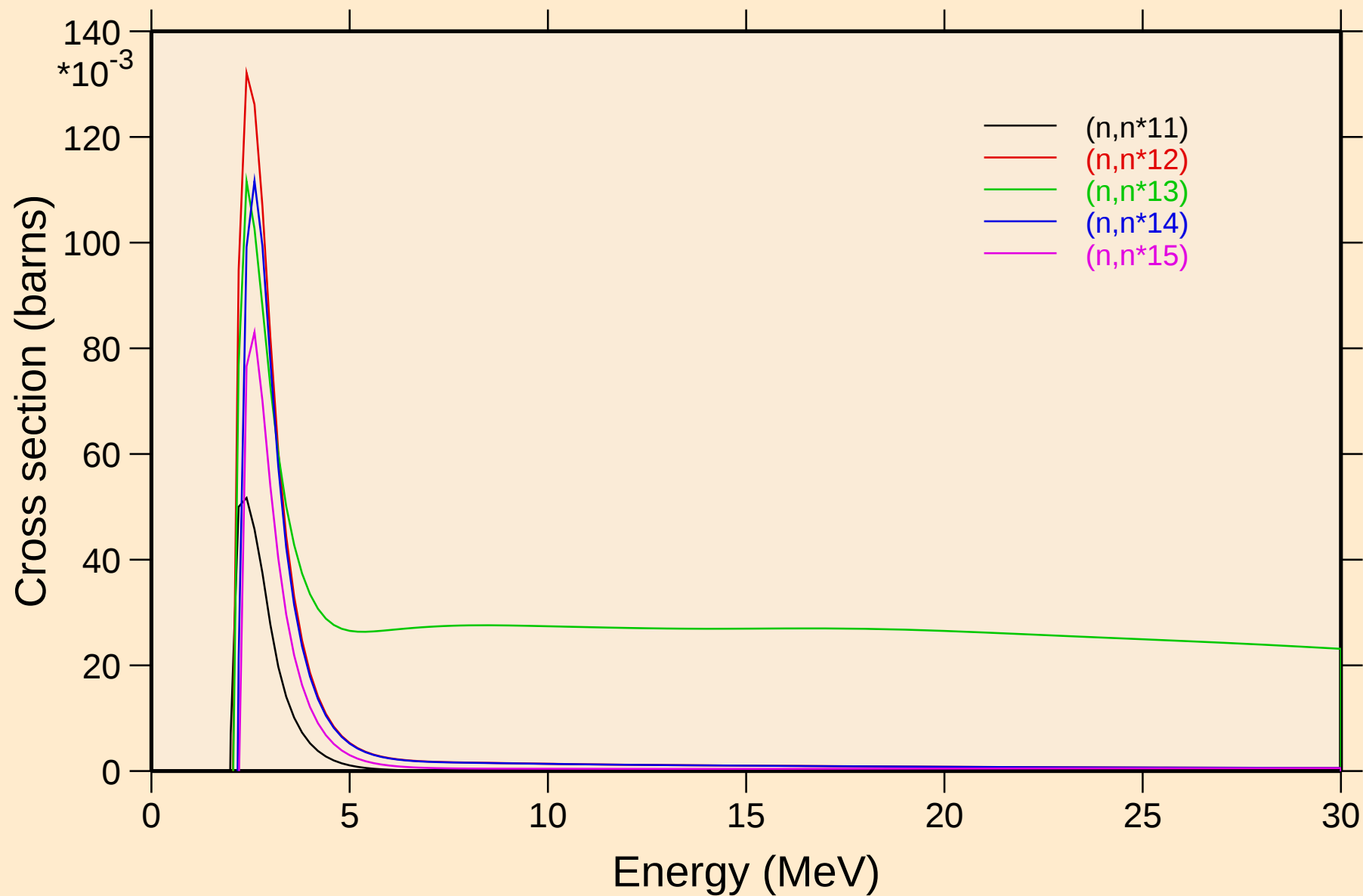
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



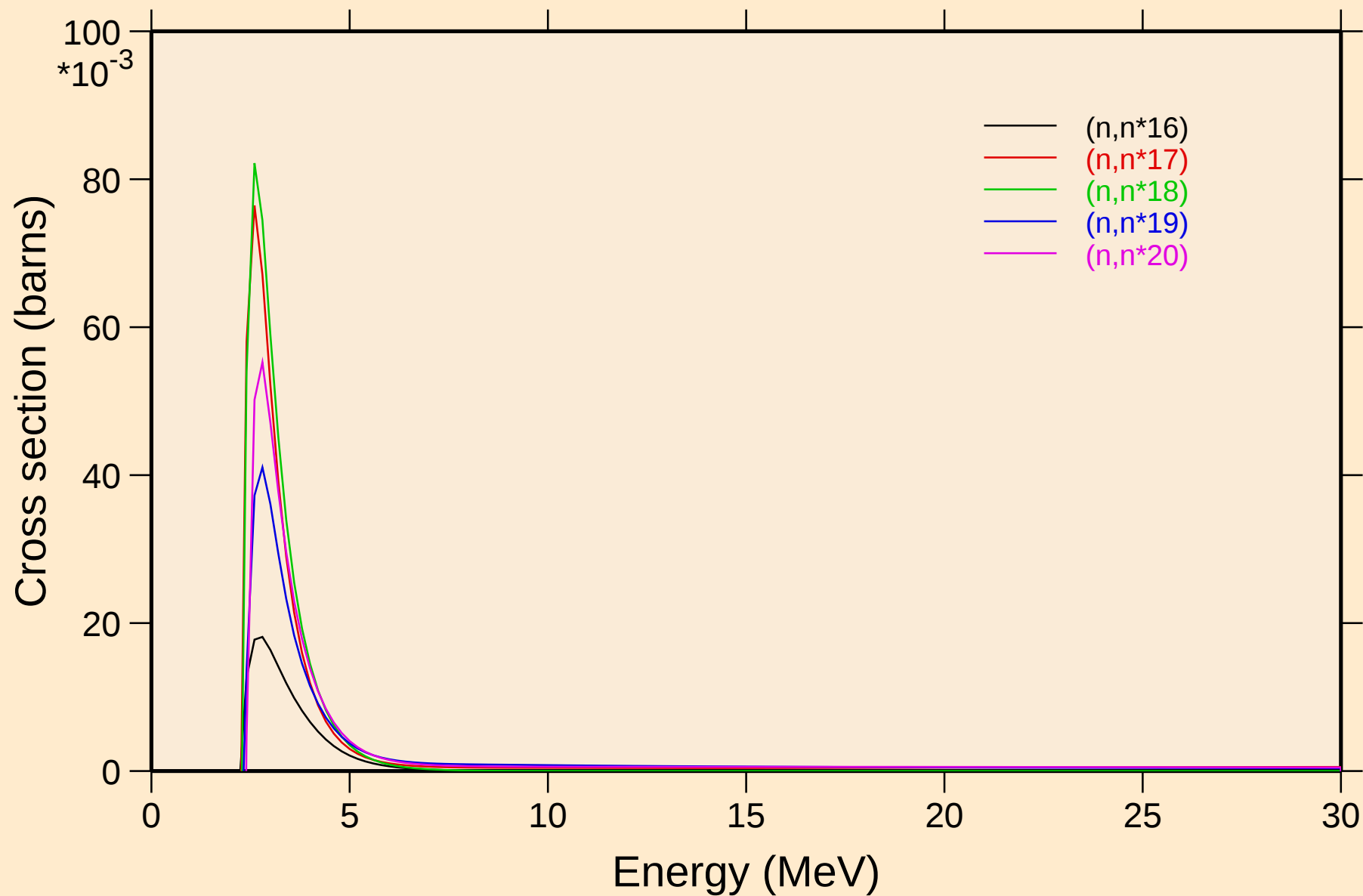
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



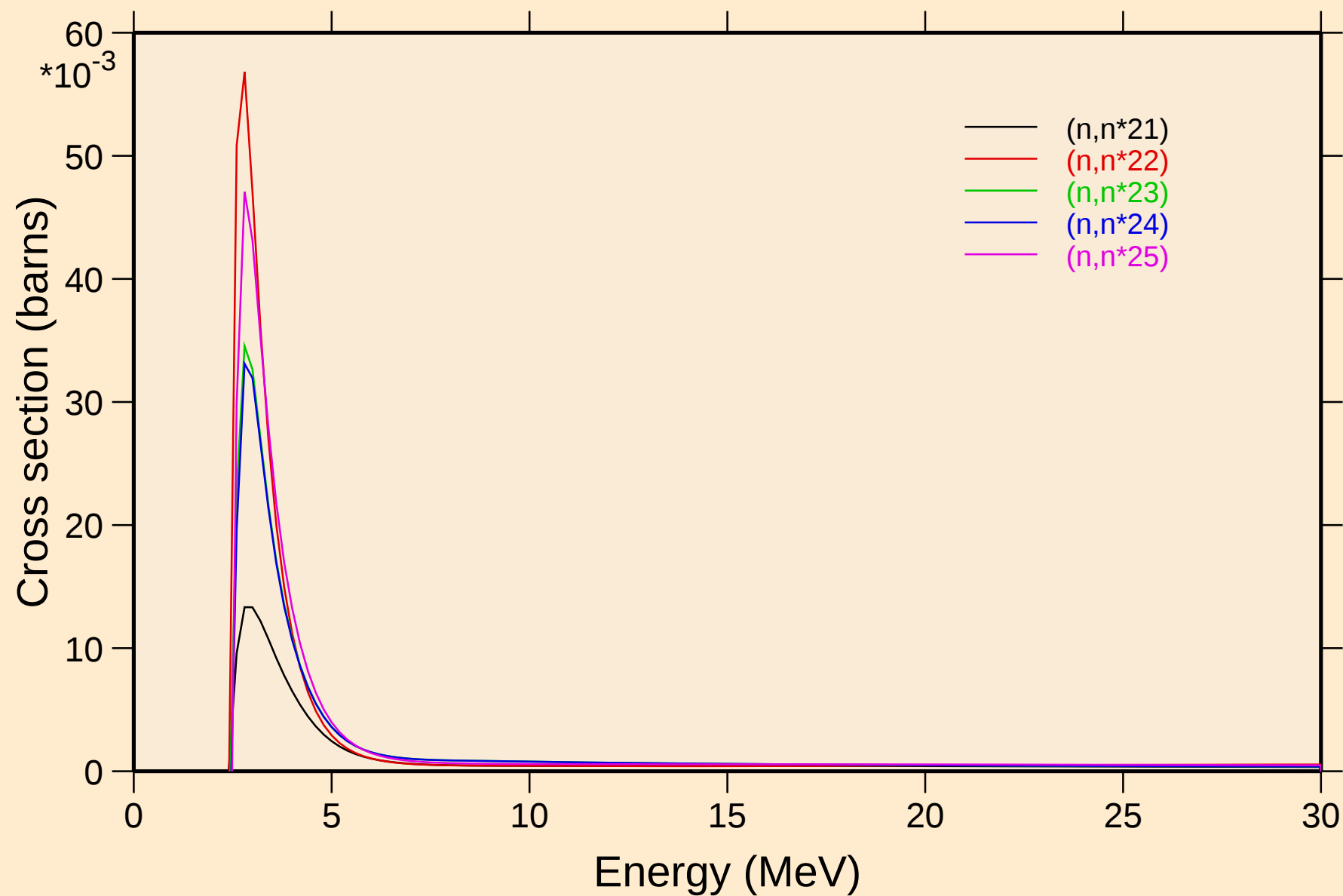
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



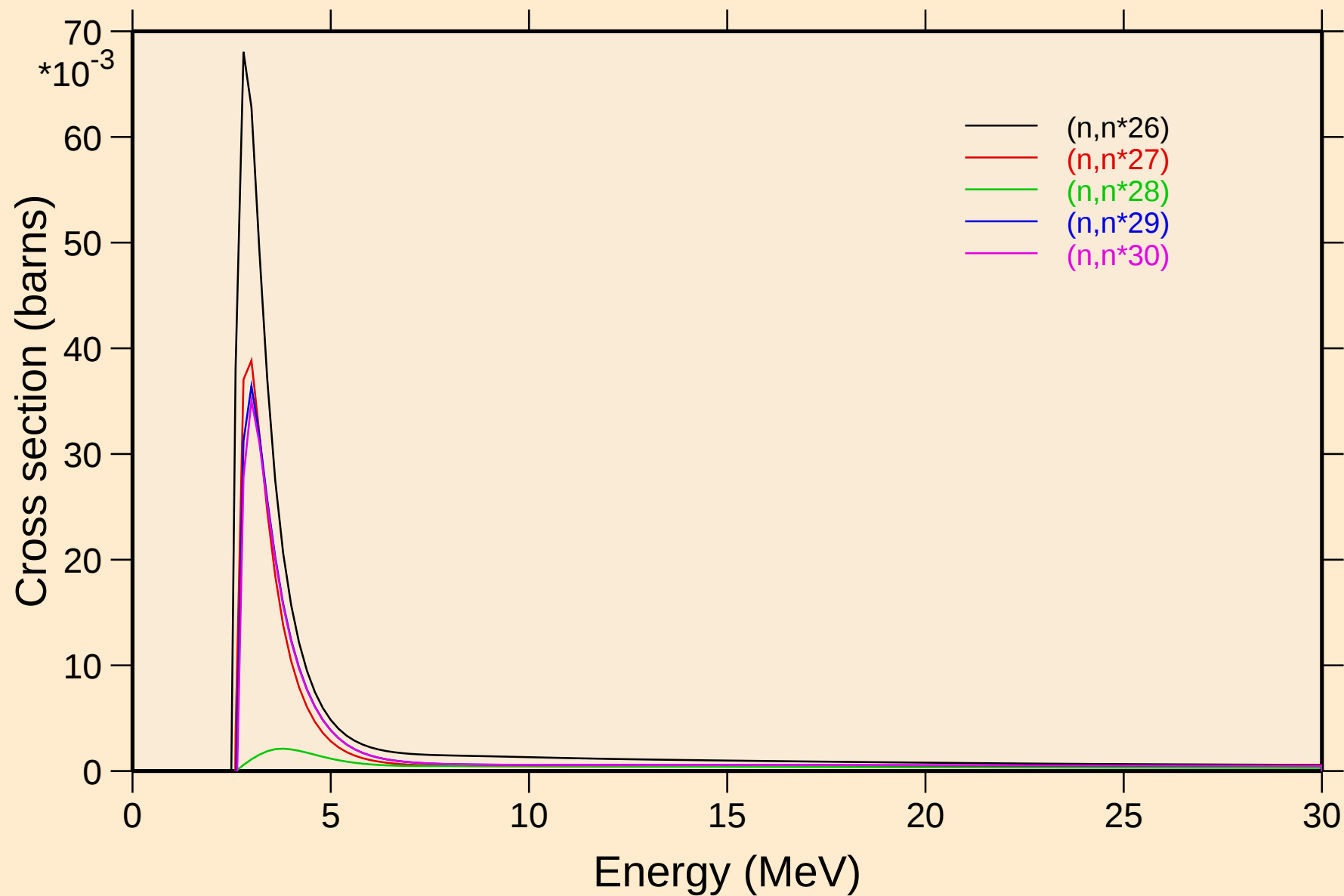
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



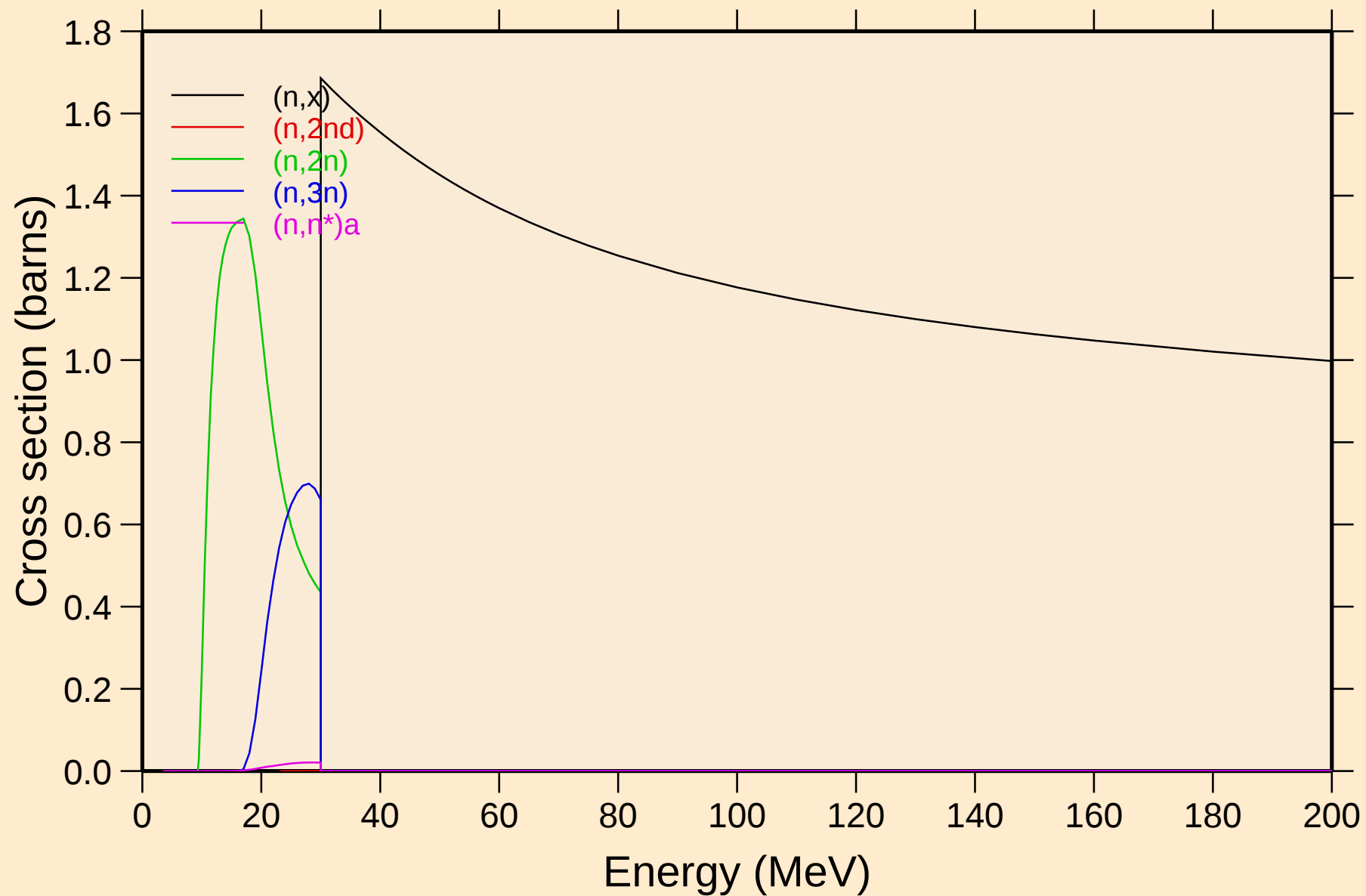
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



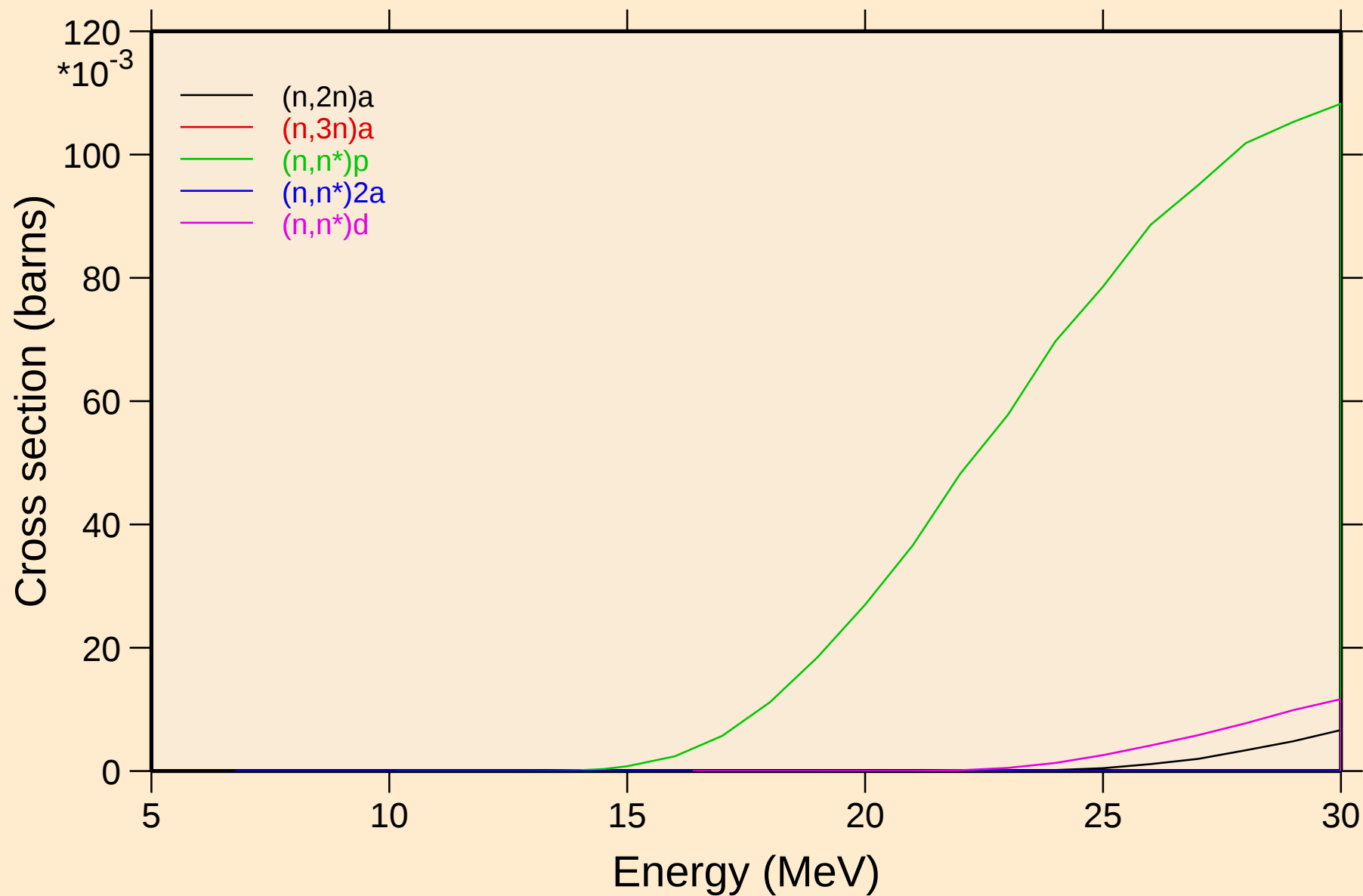
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



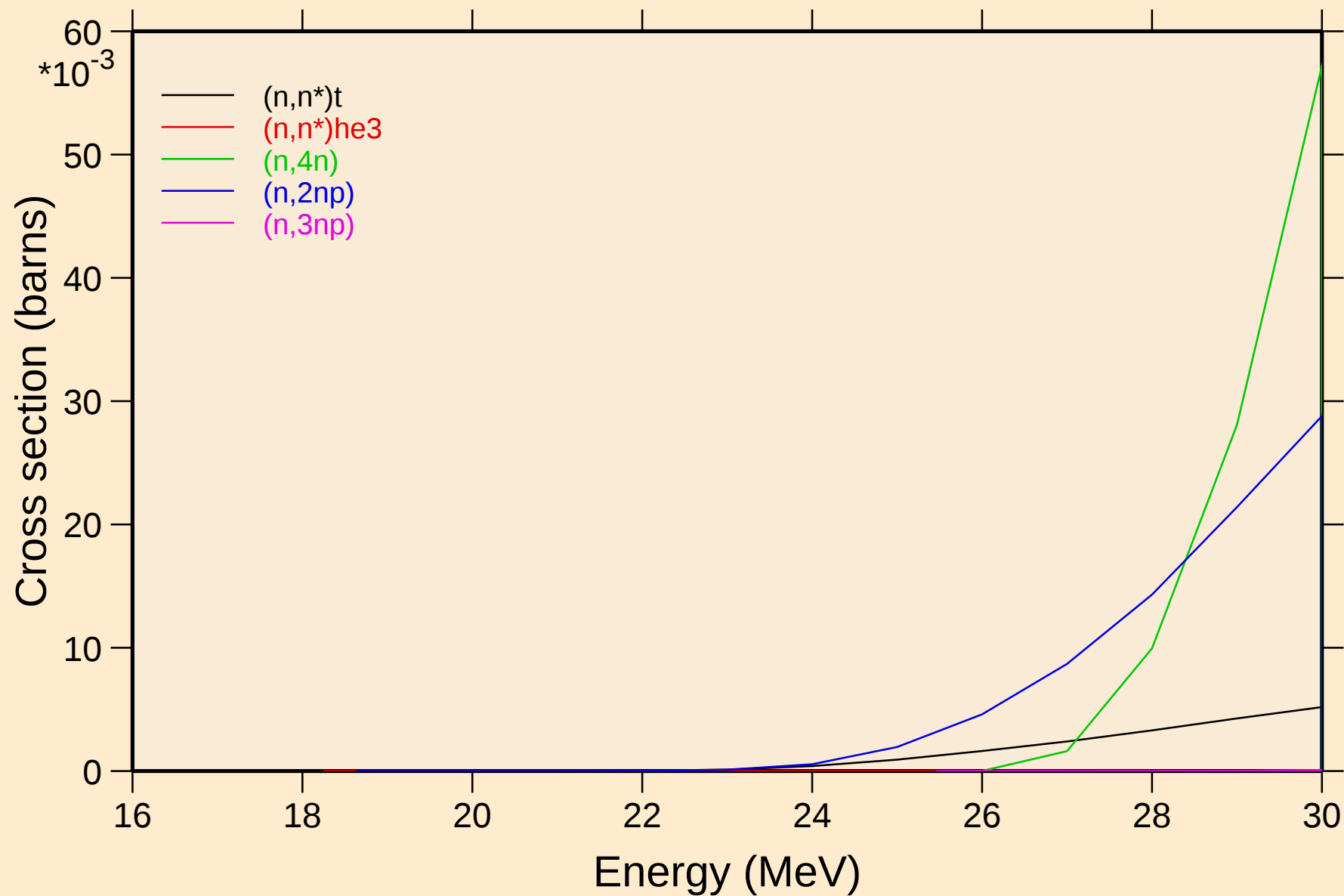
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



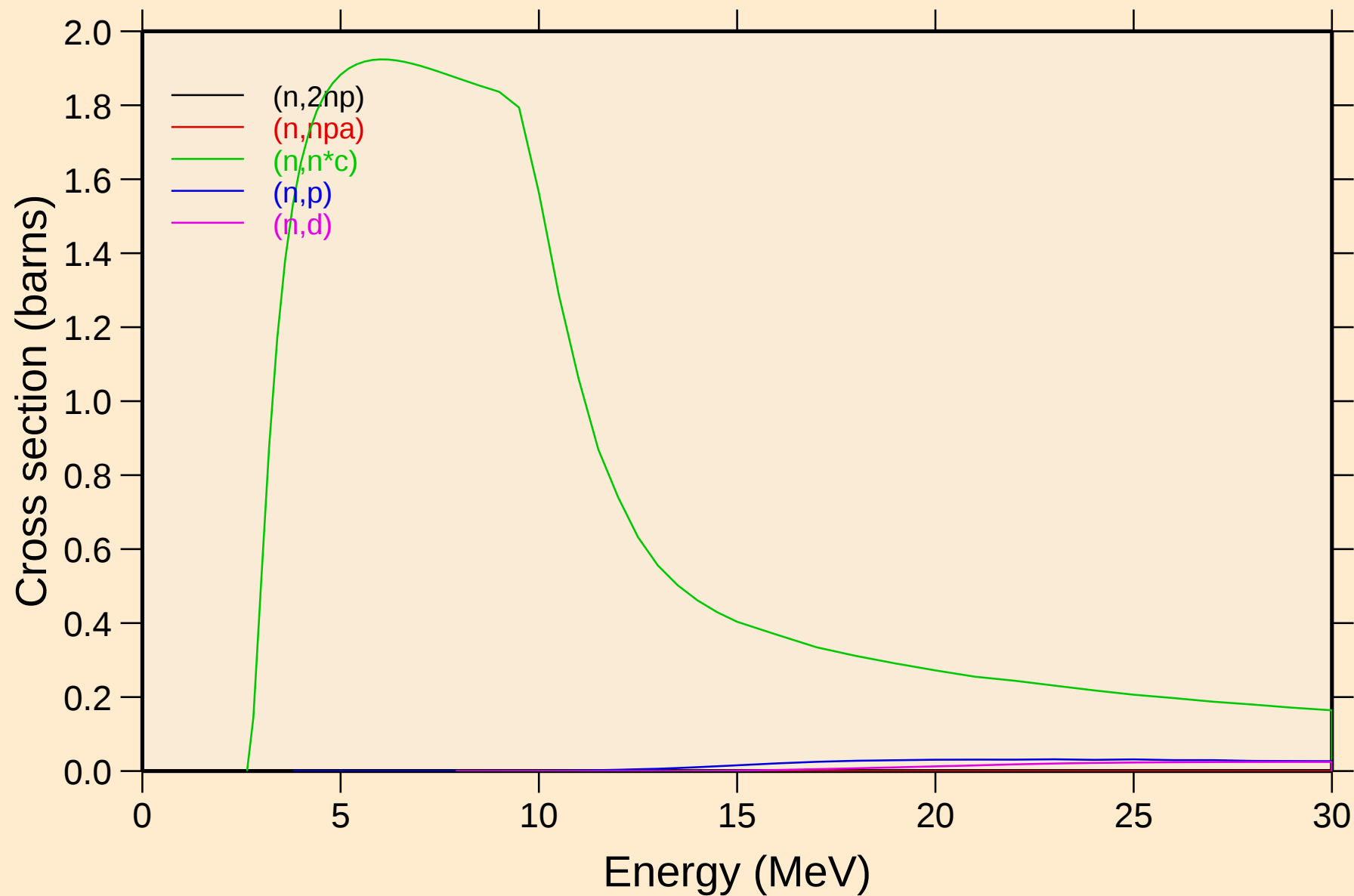
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



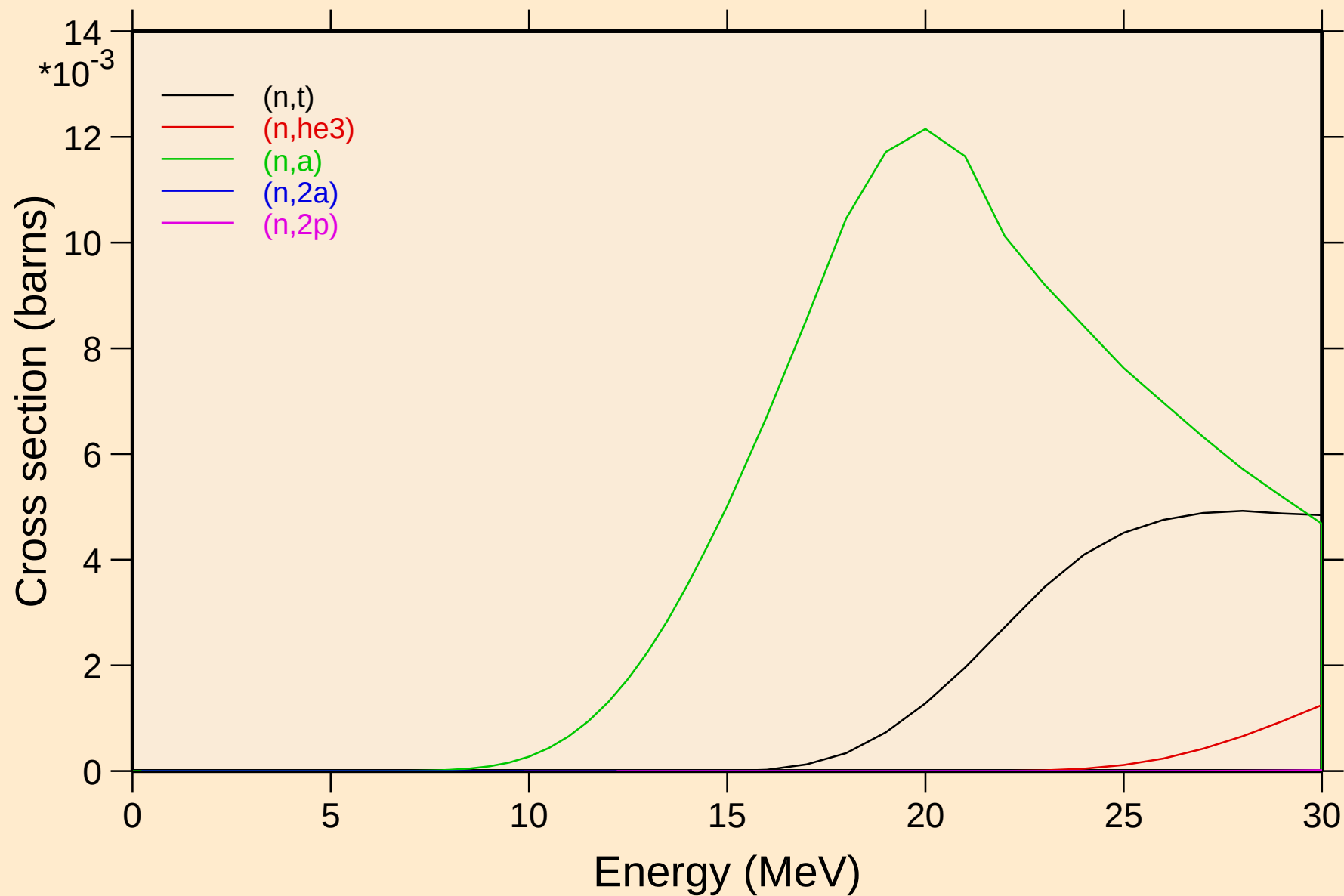
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



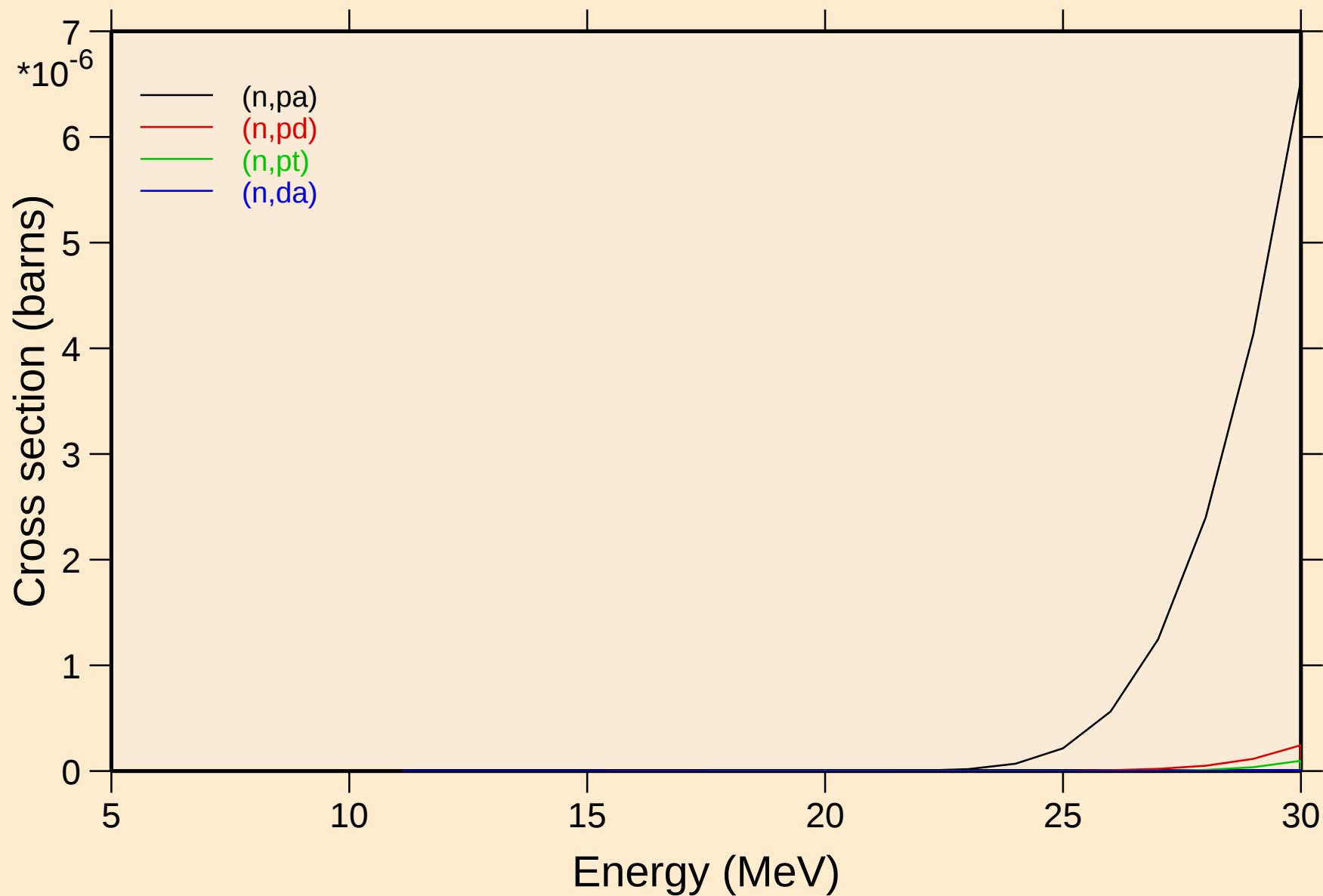
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



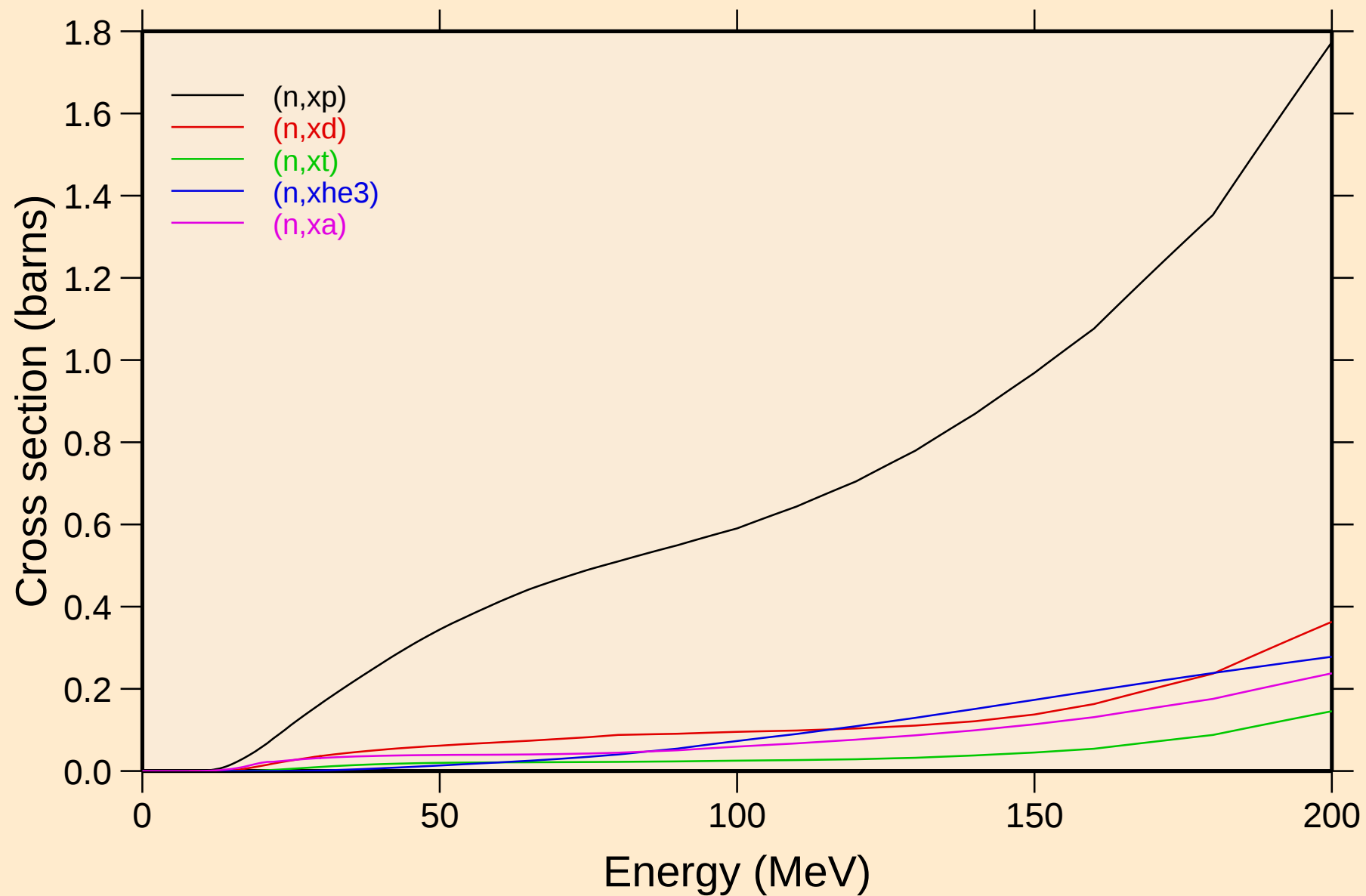
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



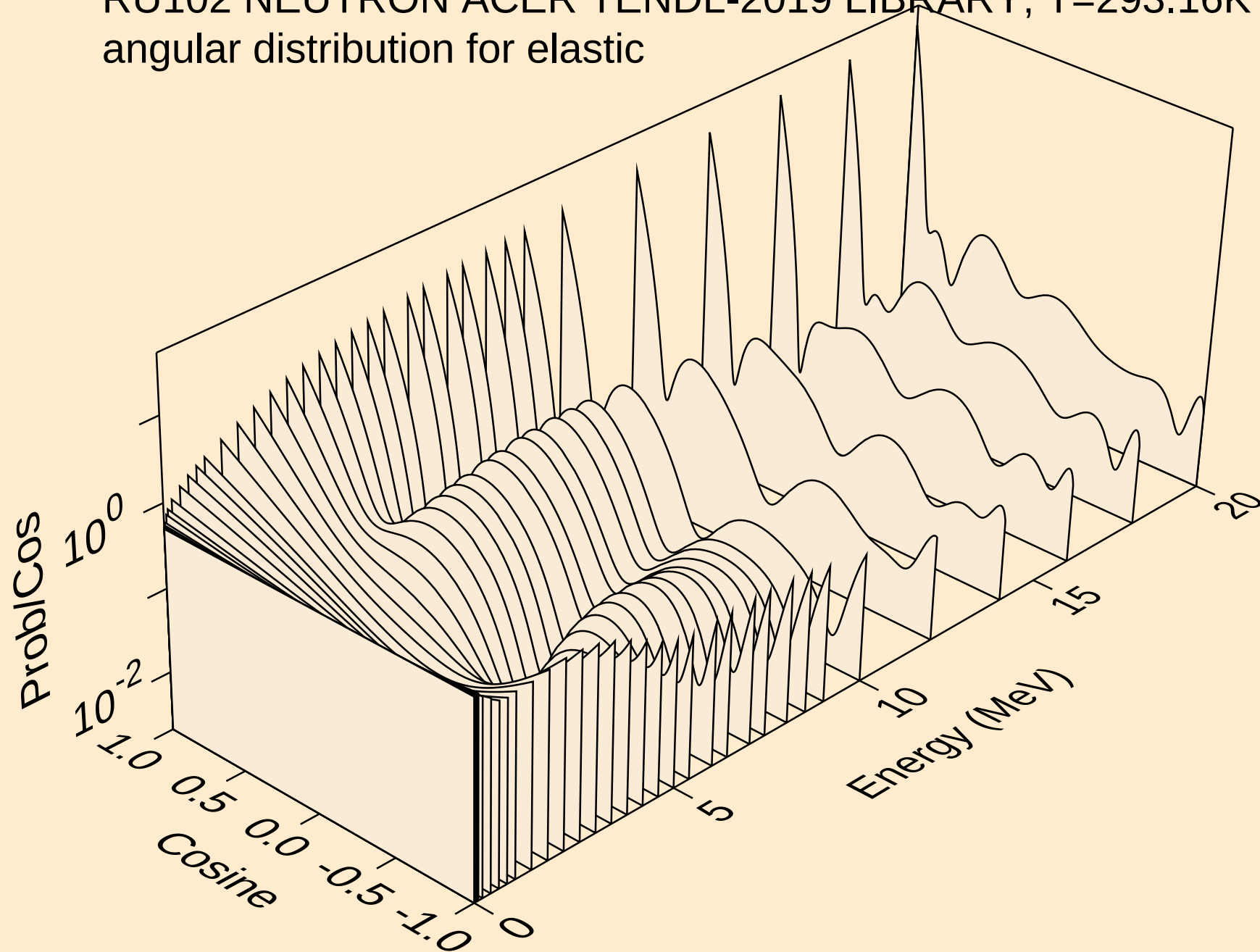
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



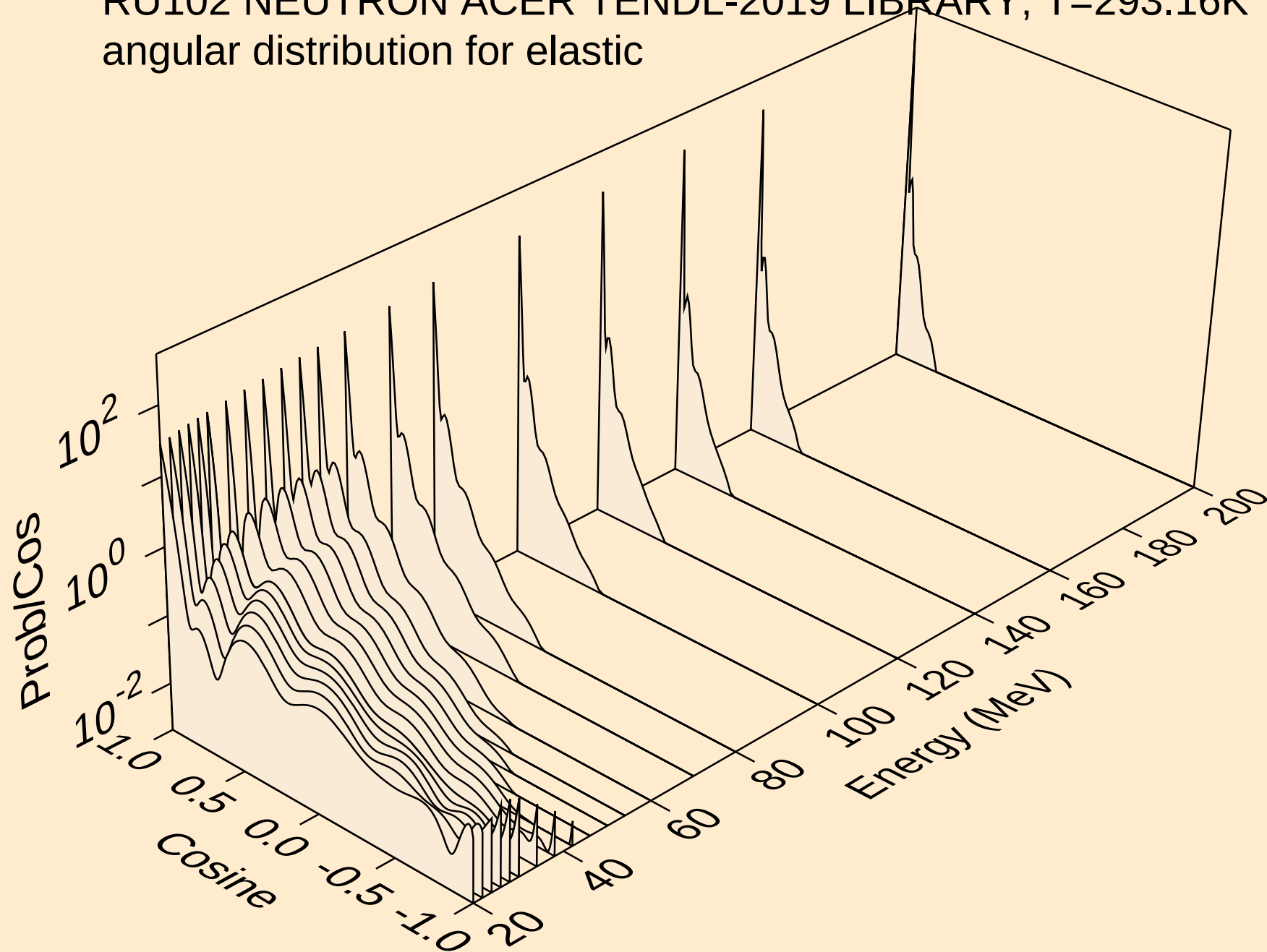
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



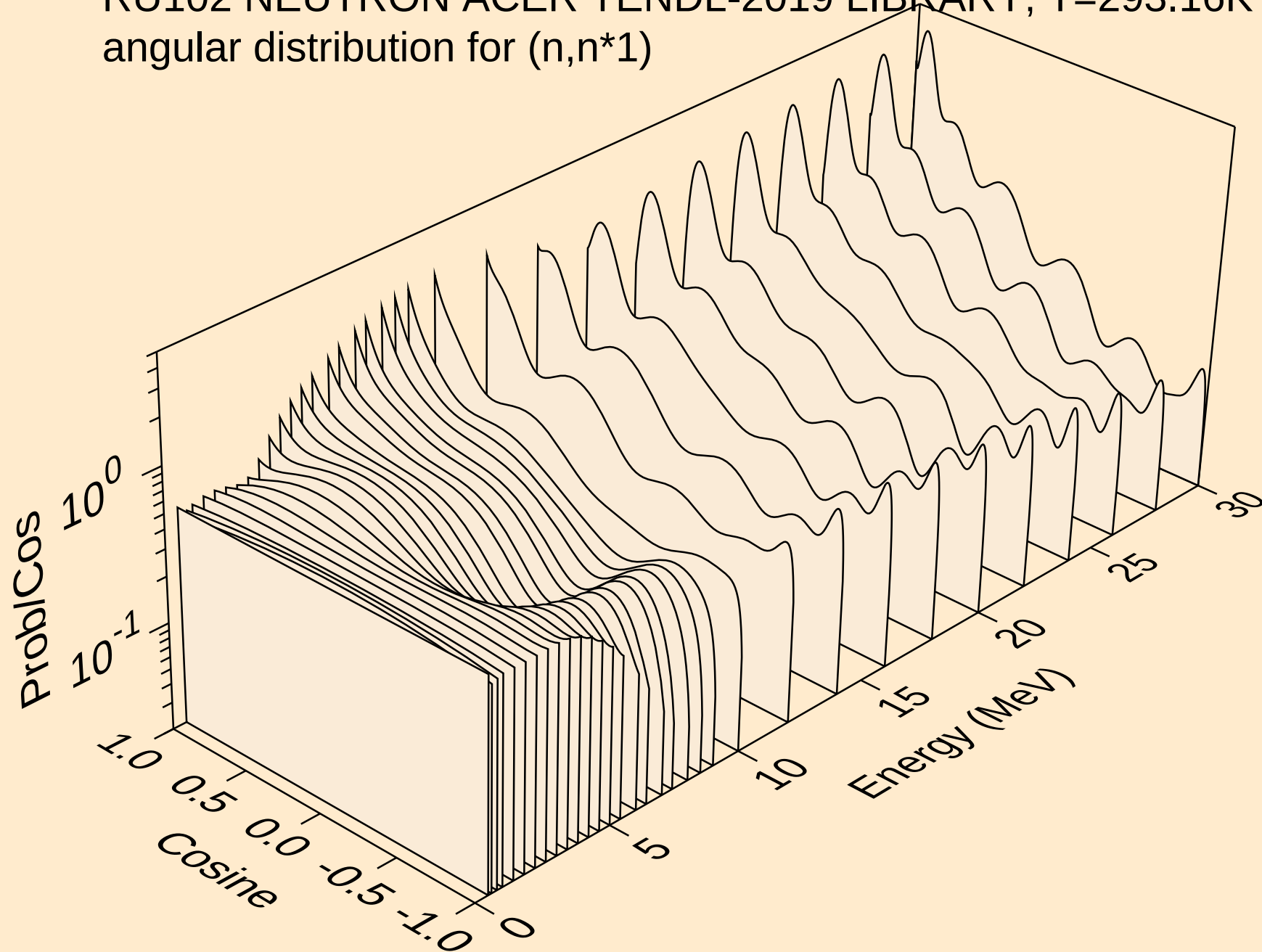
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



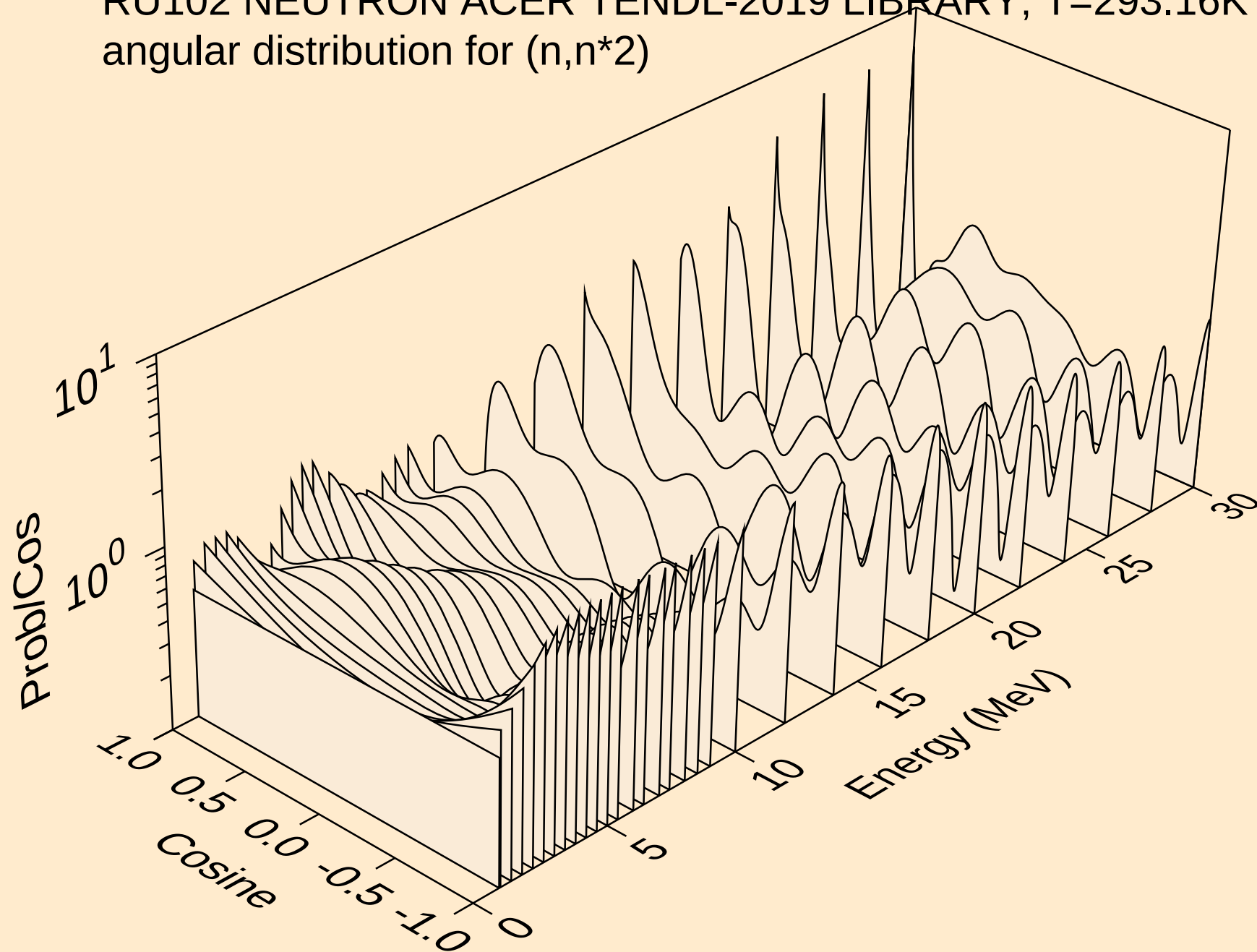
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



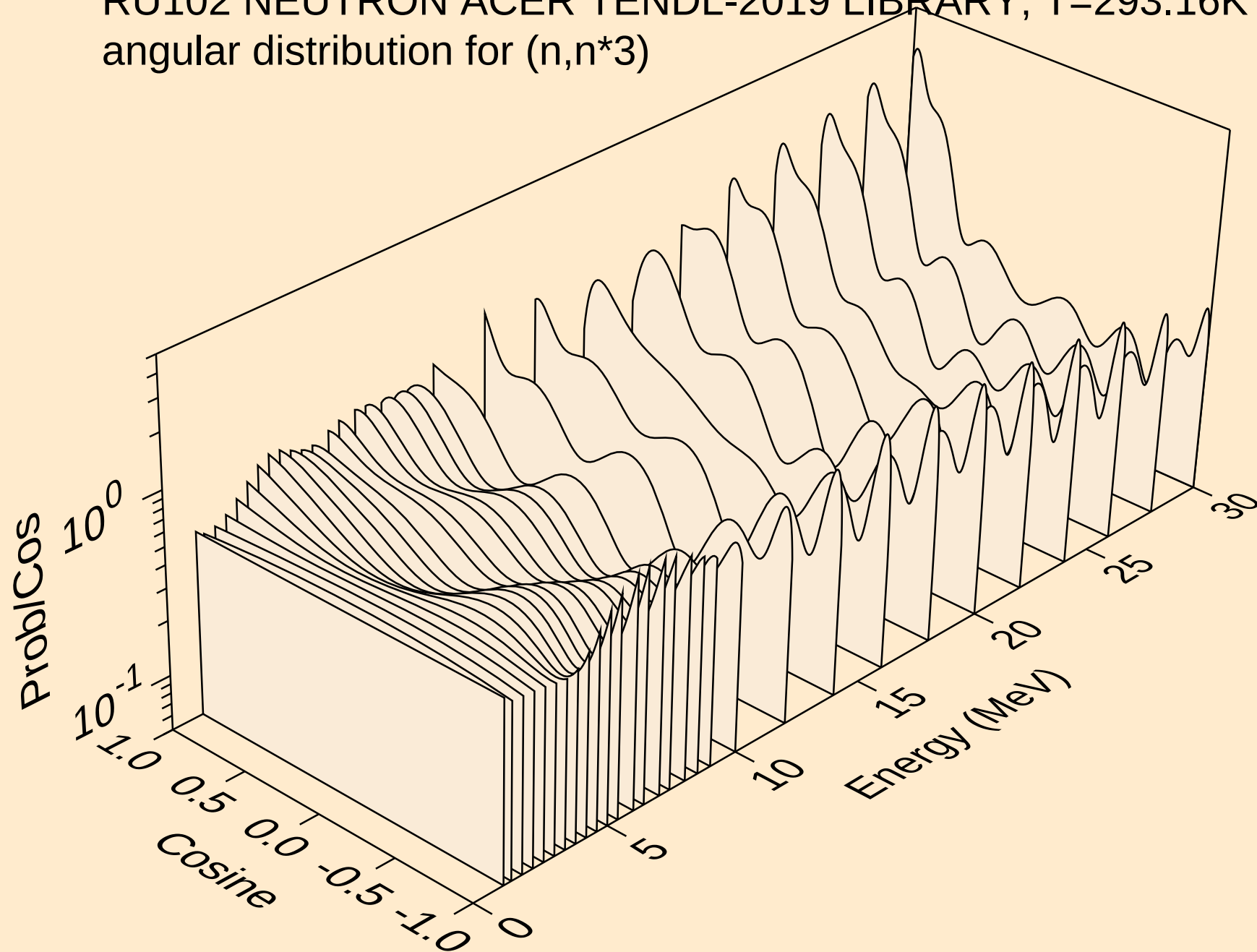
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



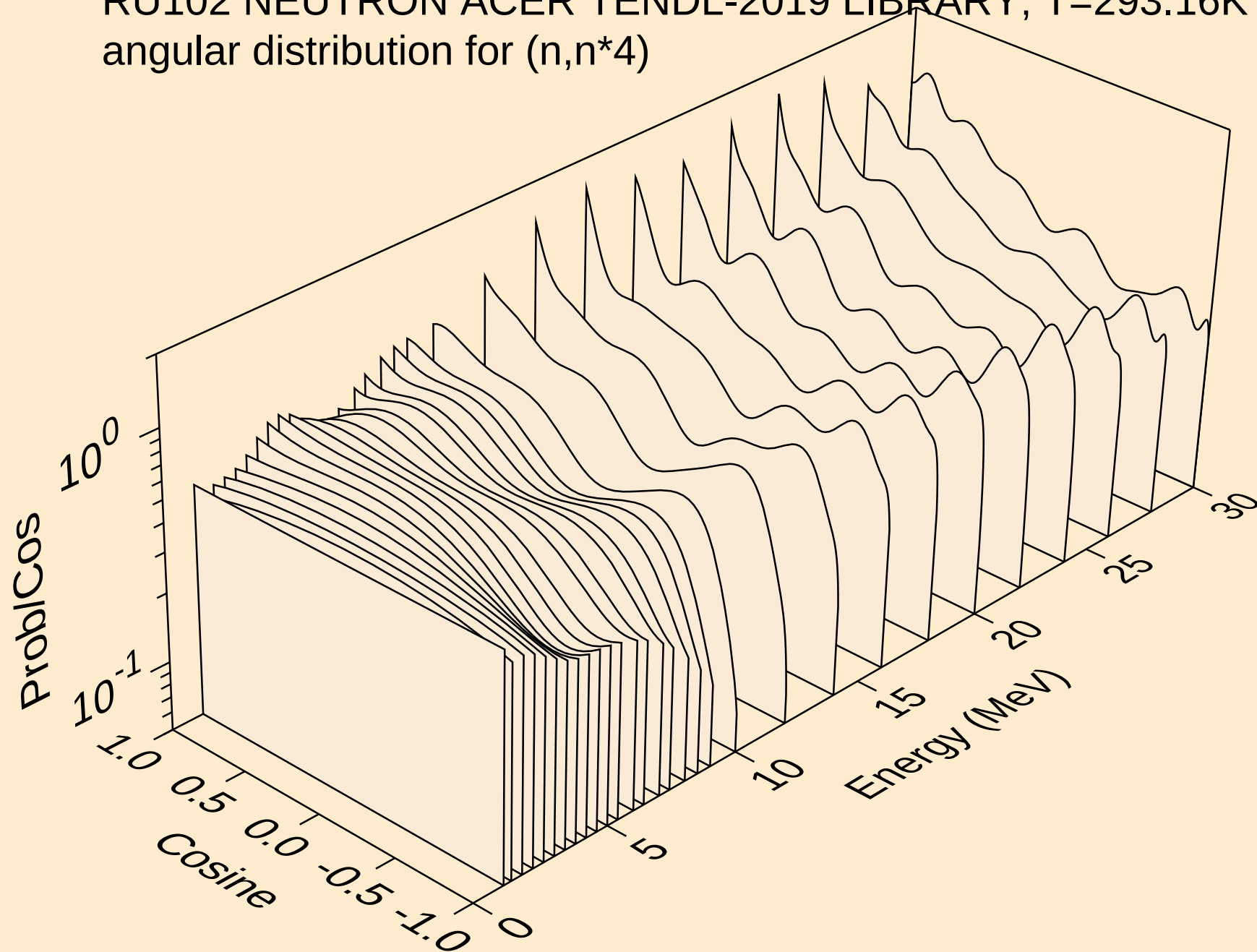
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



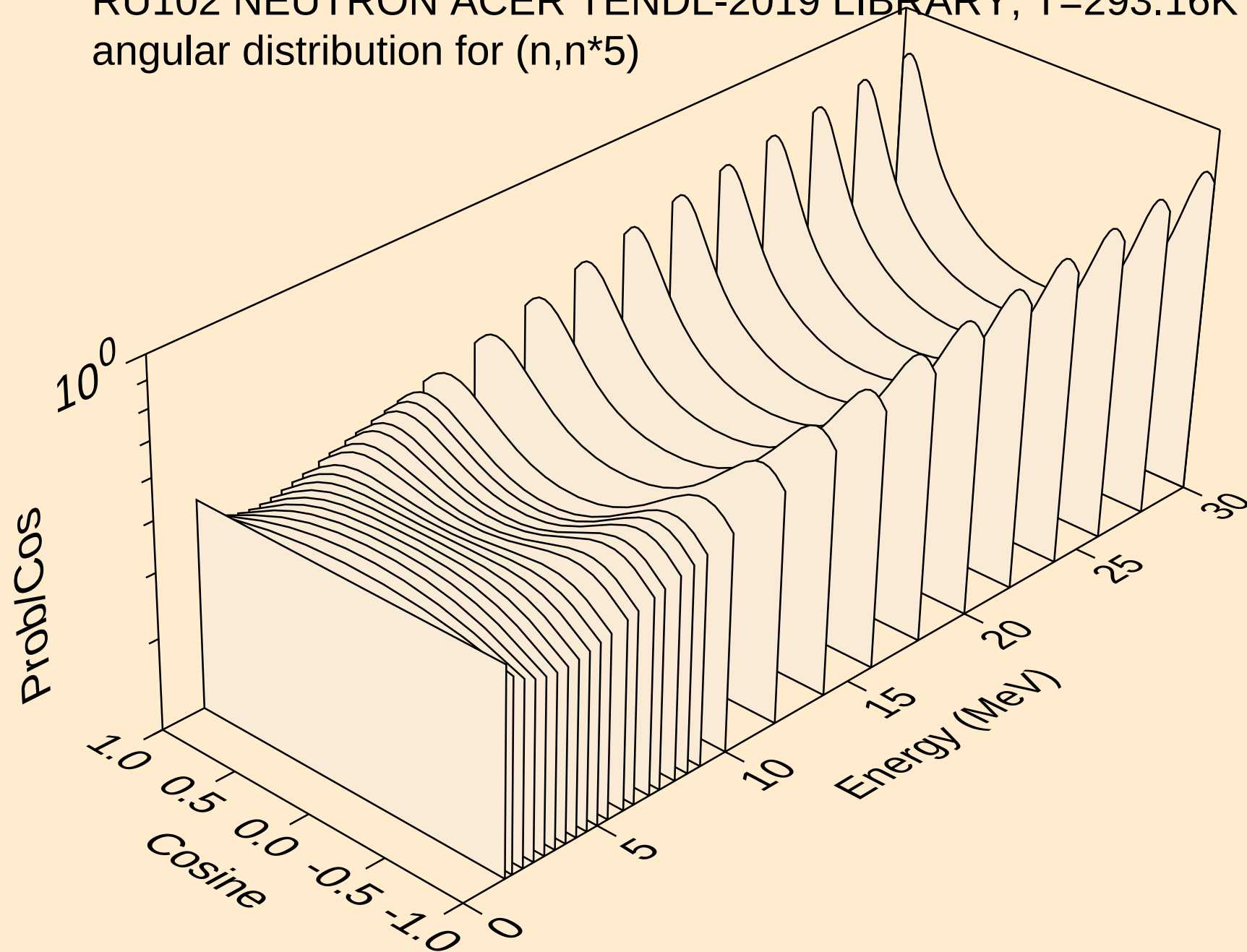
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angular distribution for (n,n*3)



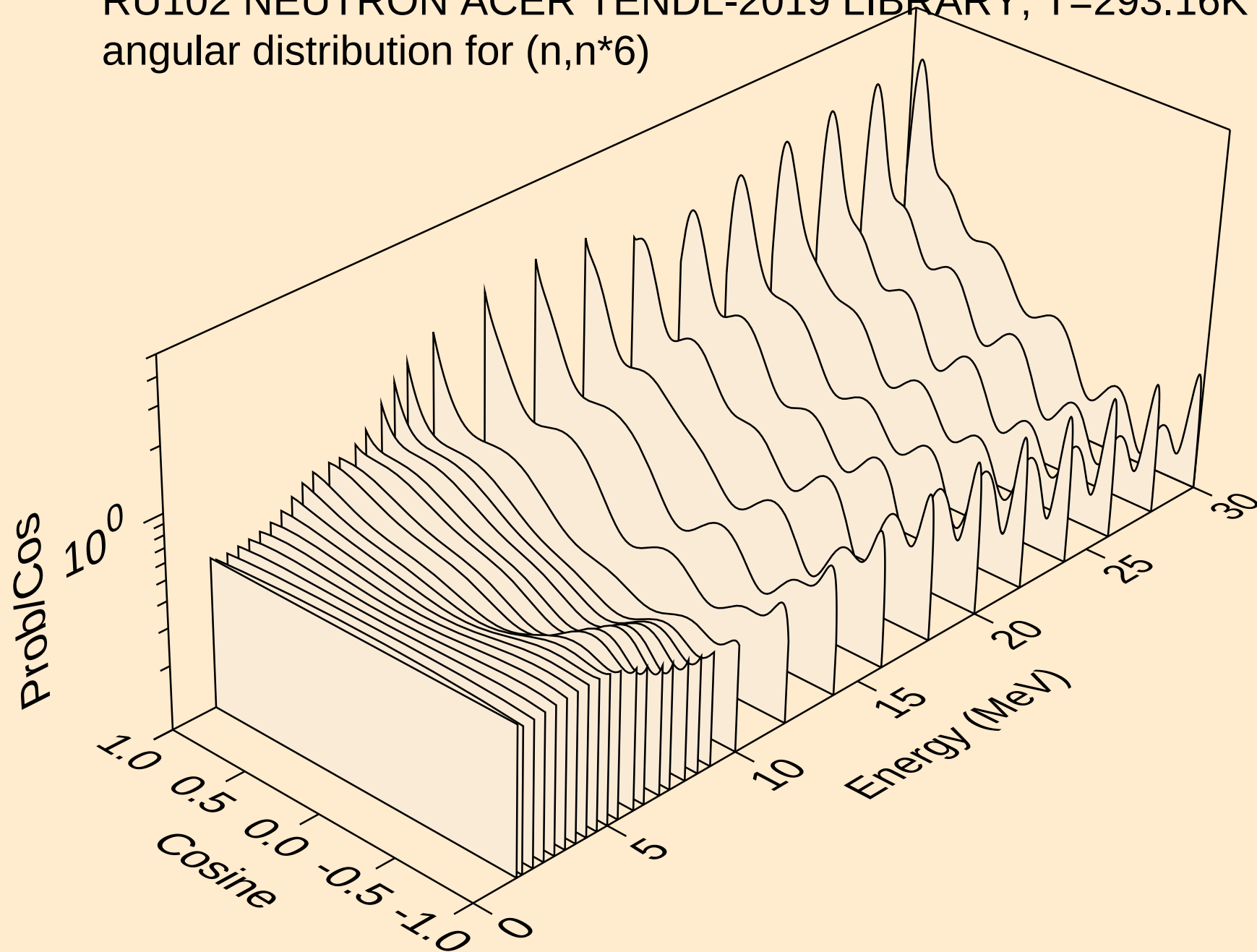
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



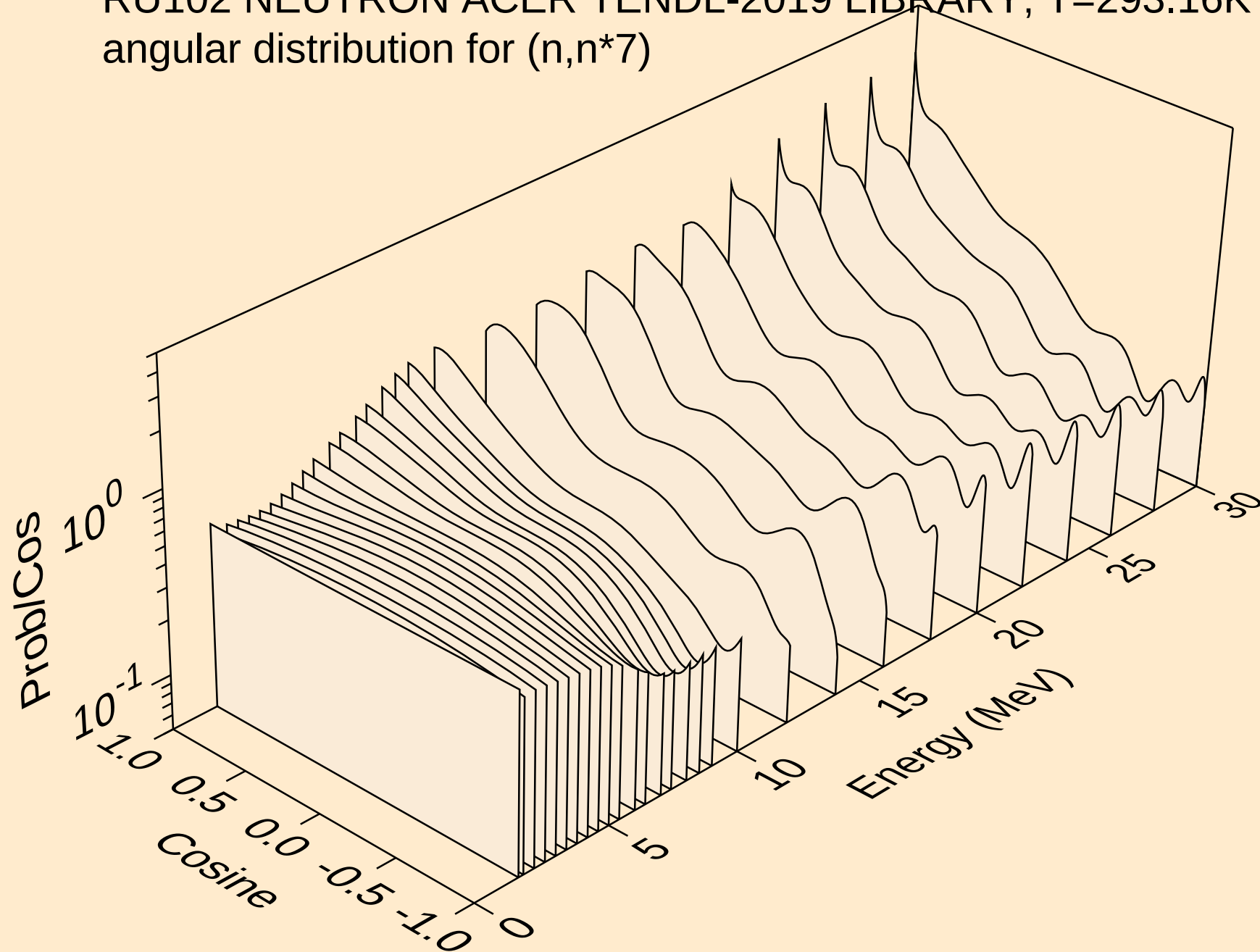
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



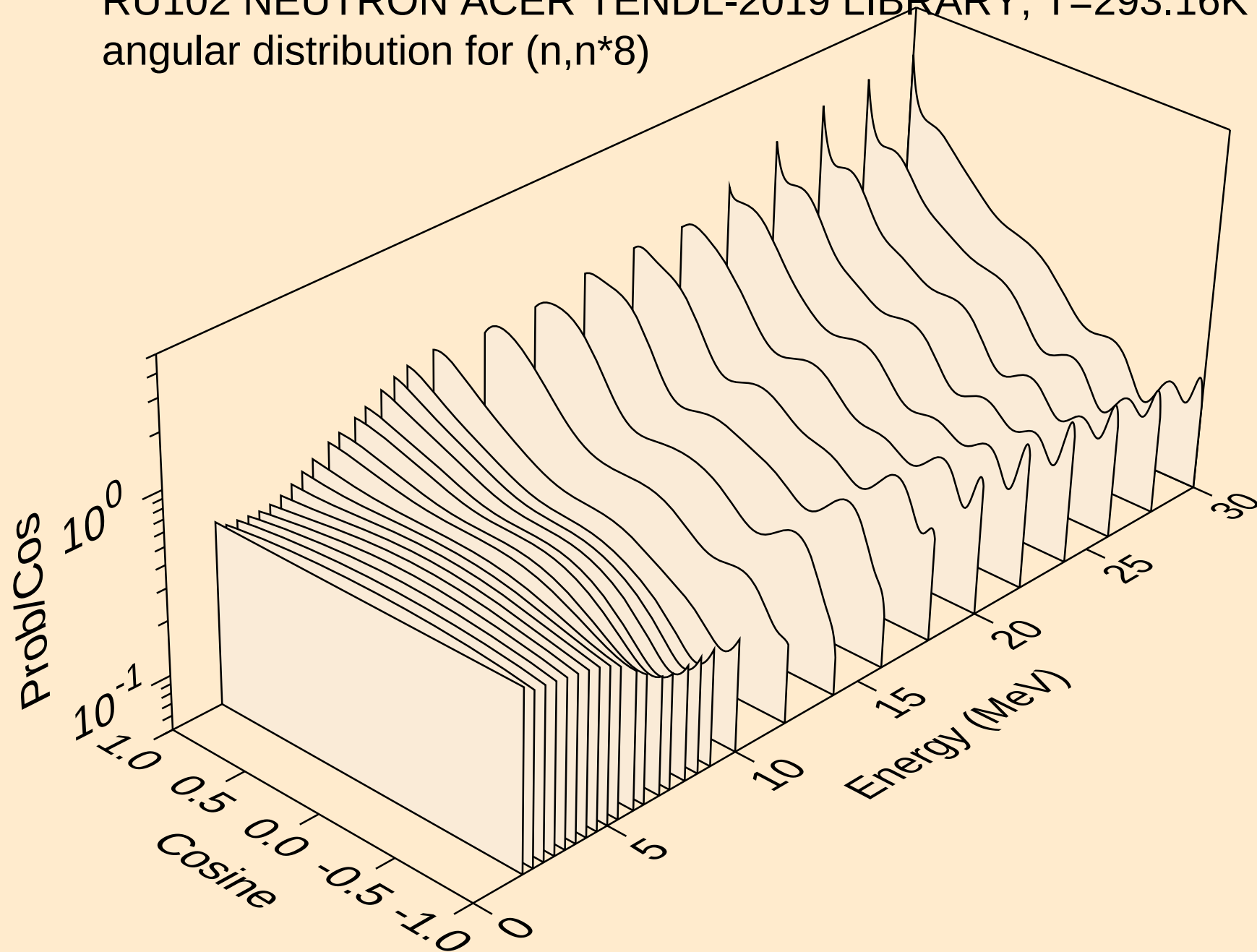
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



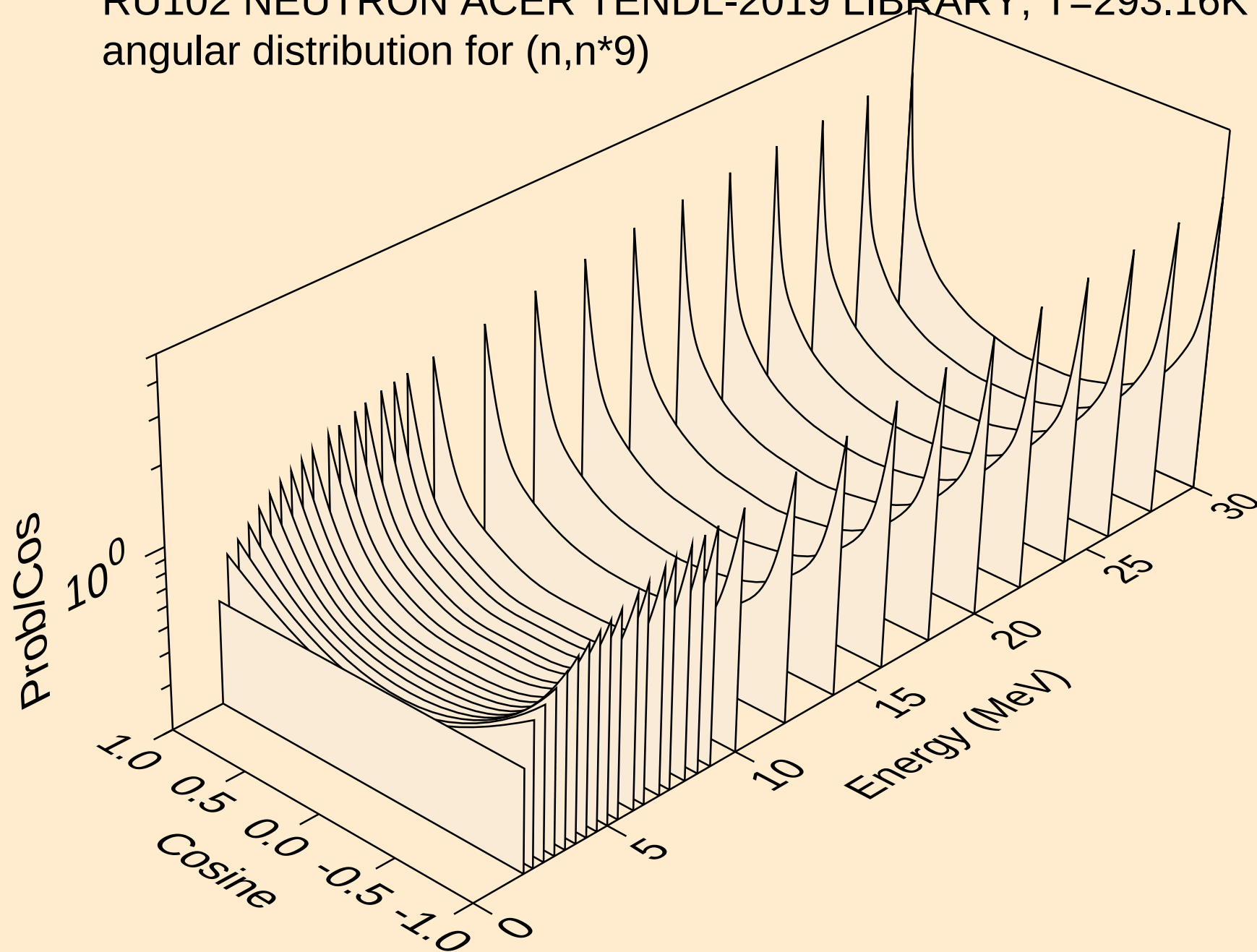
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



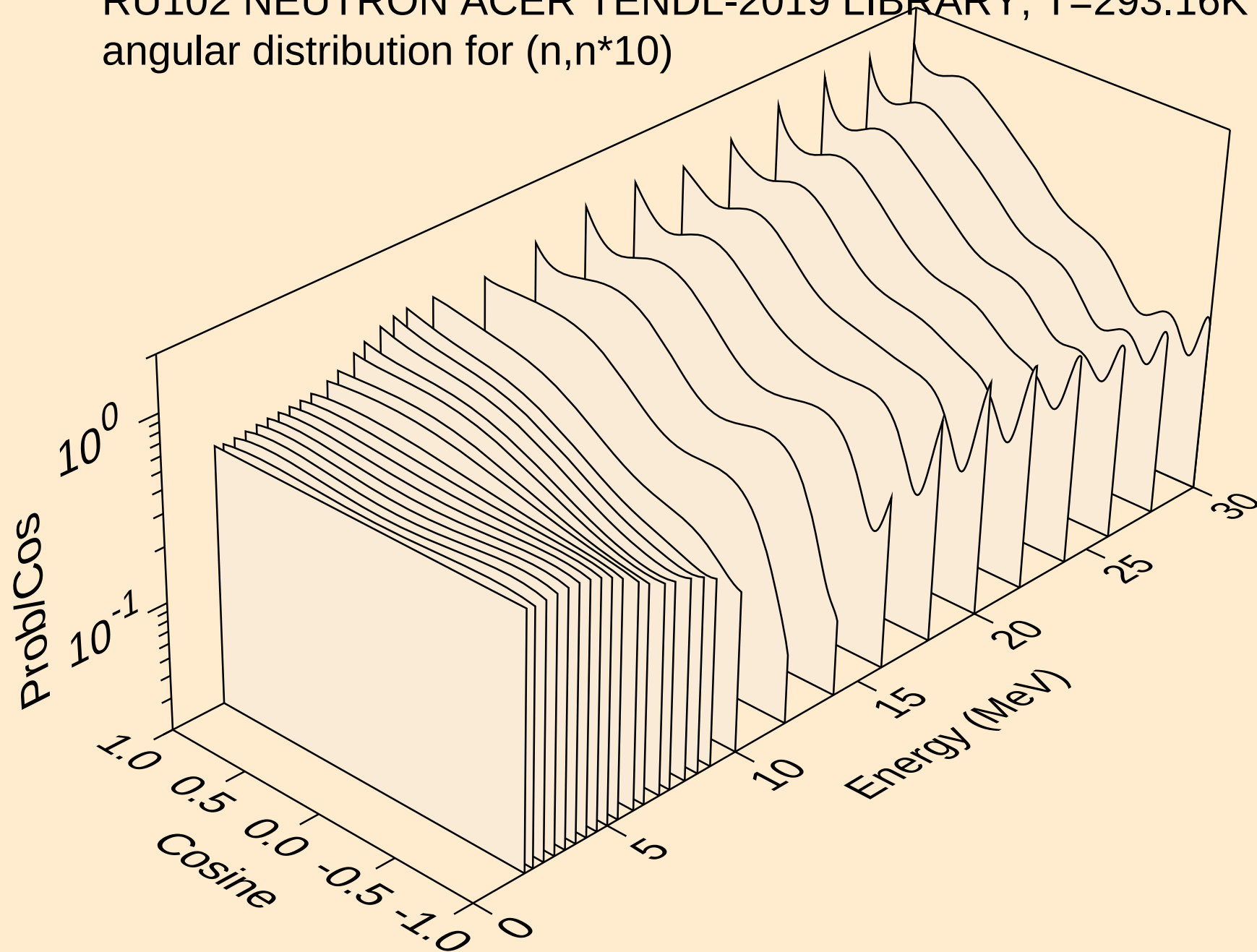
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



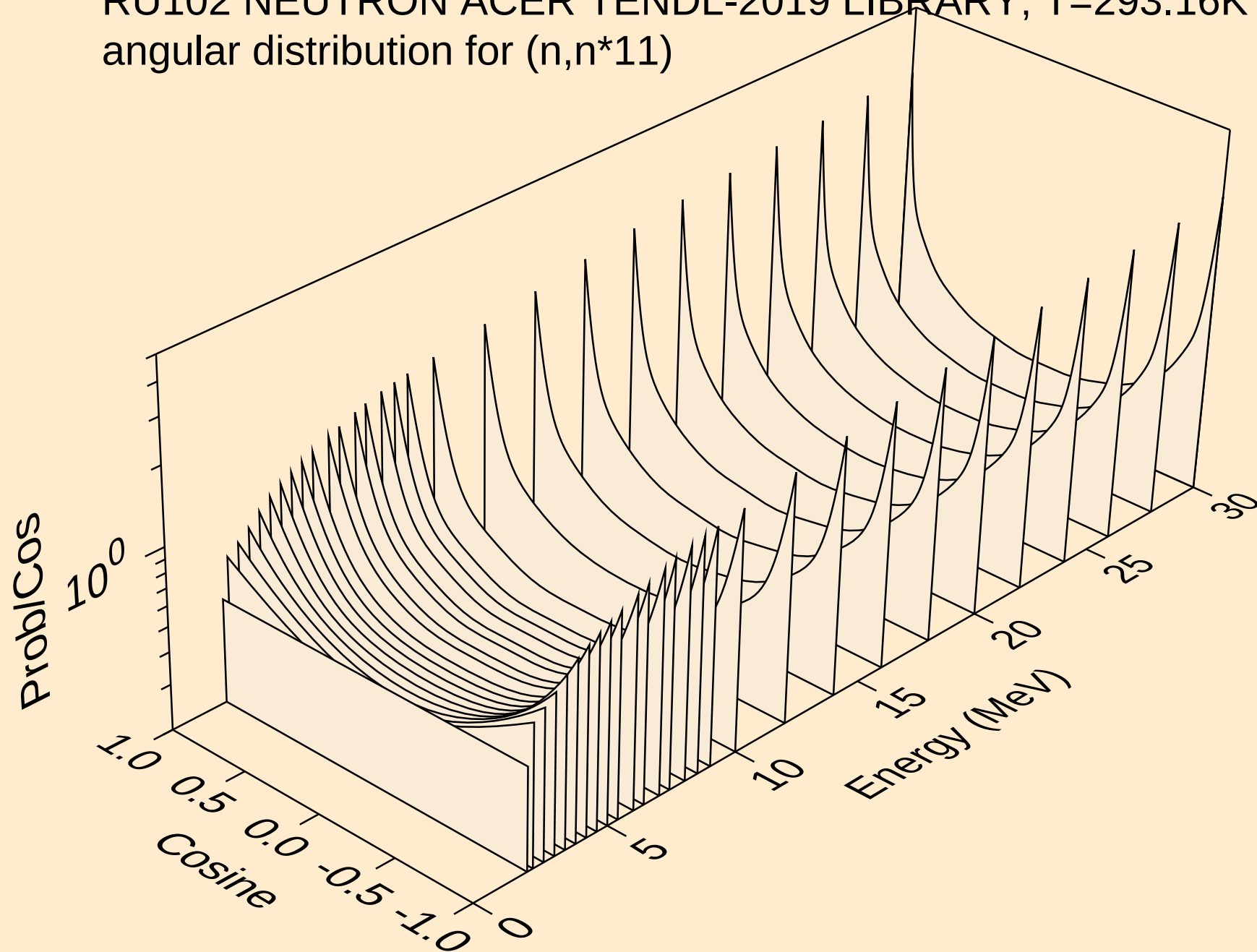
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



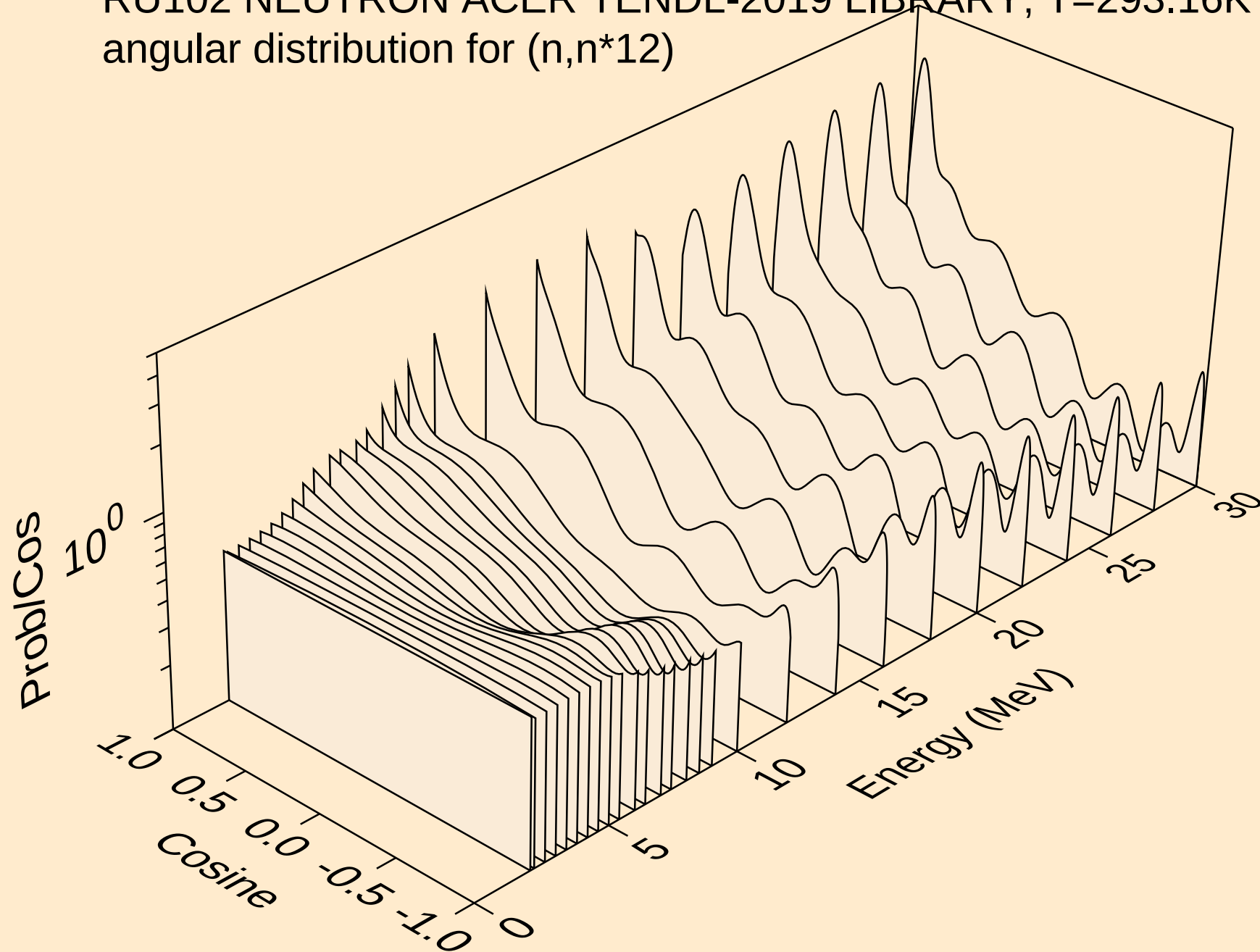
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



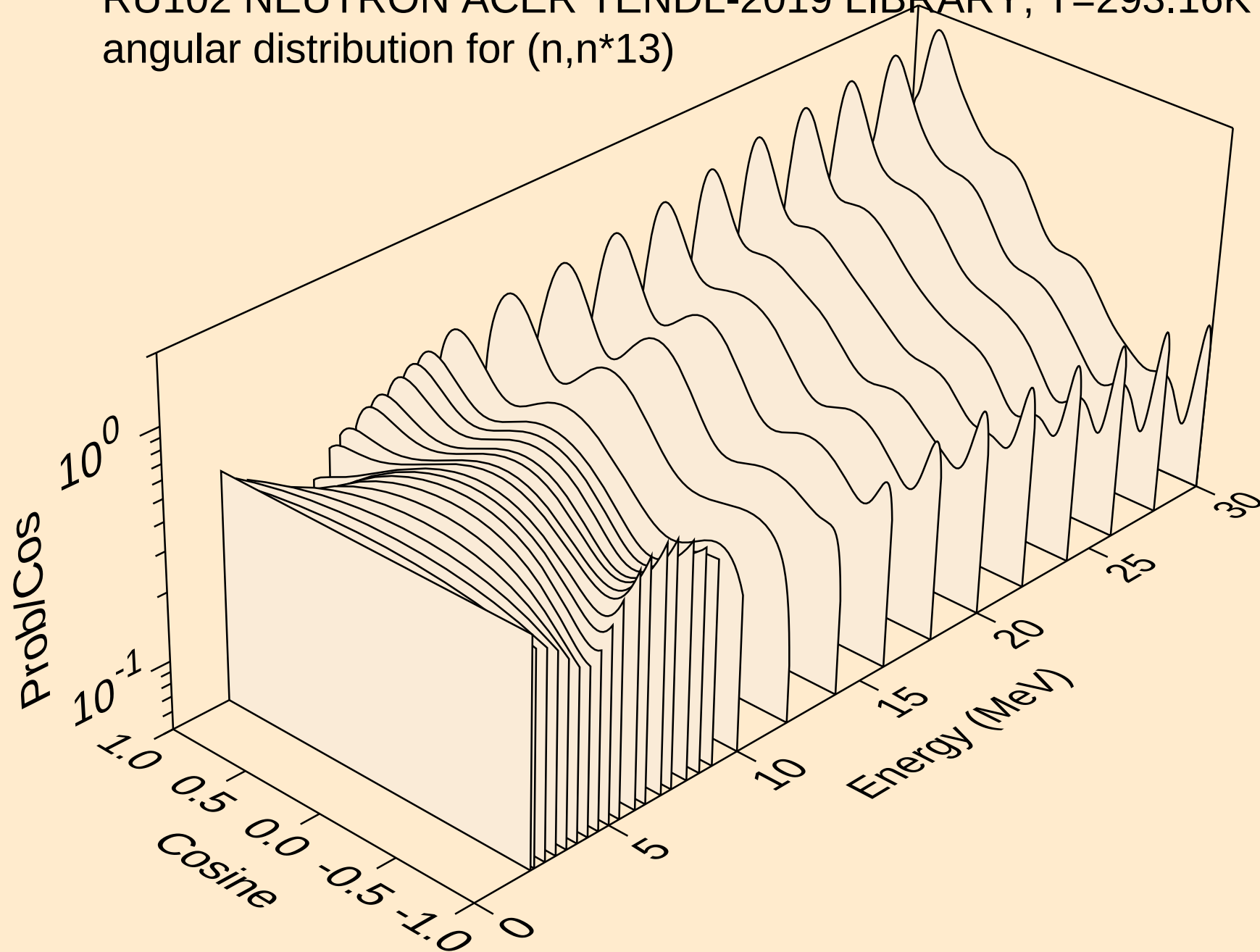
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angular distribution for (n,n*11)



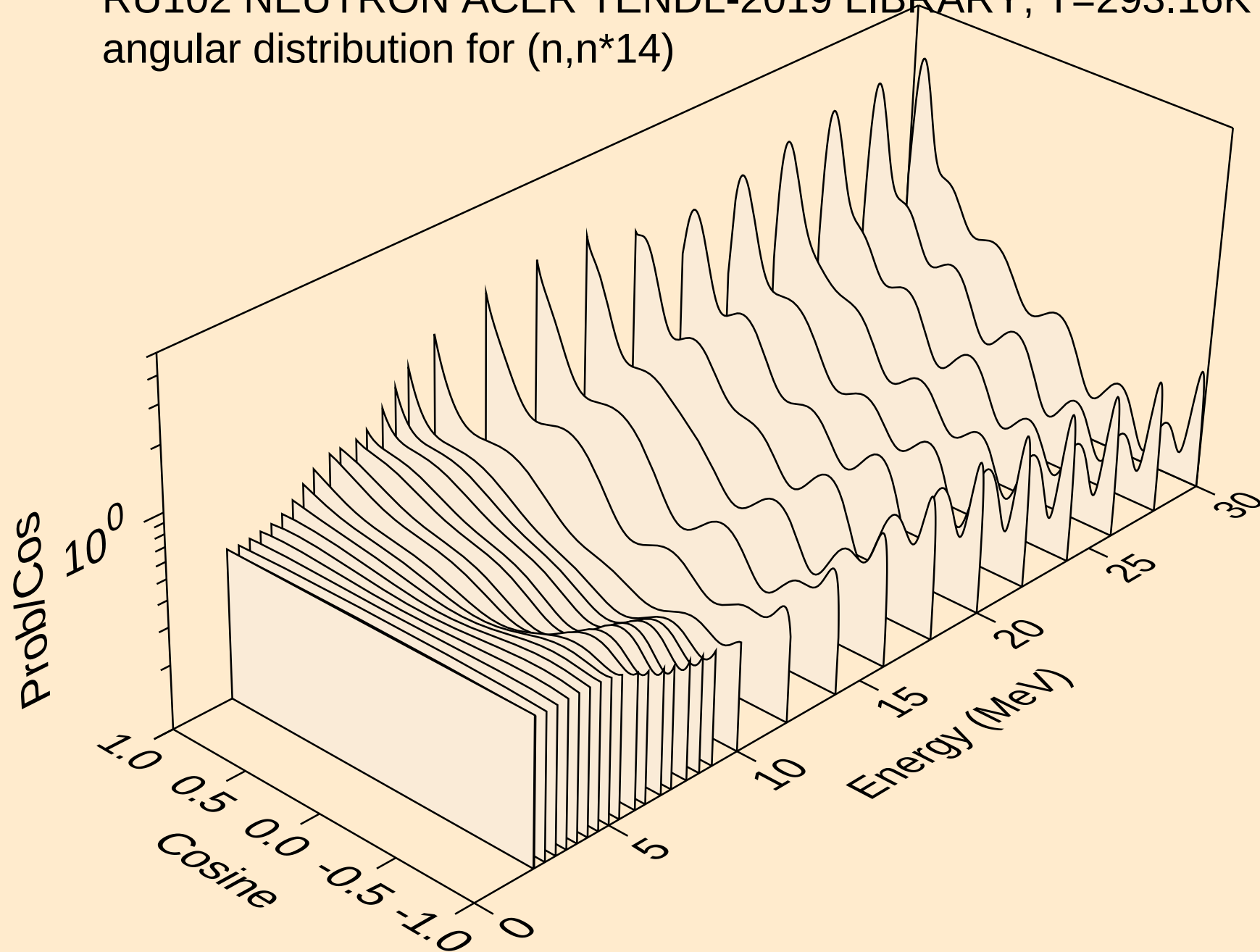
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angular distribution for (n,n*12)



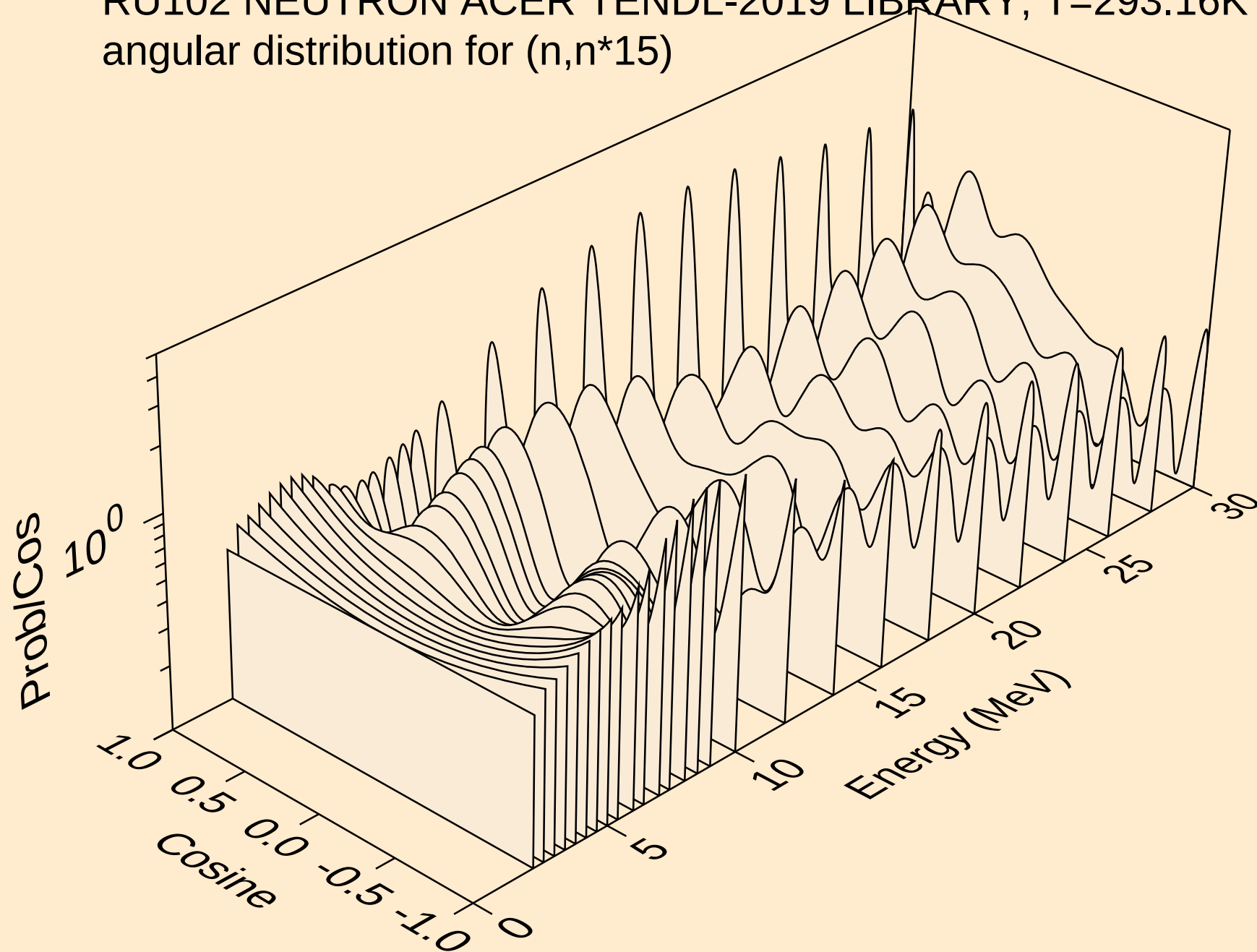
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



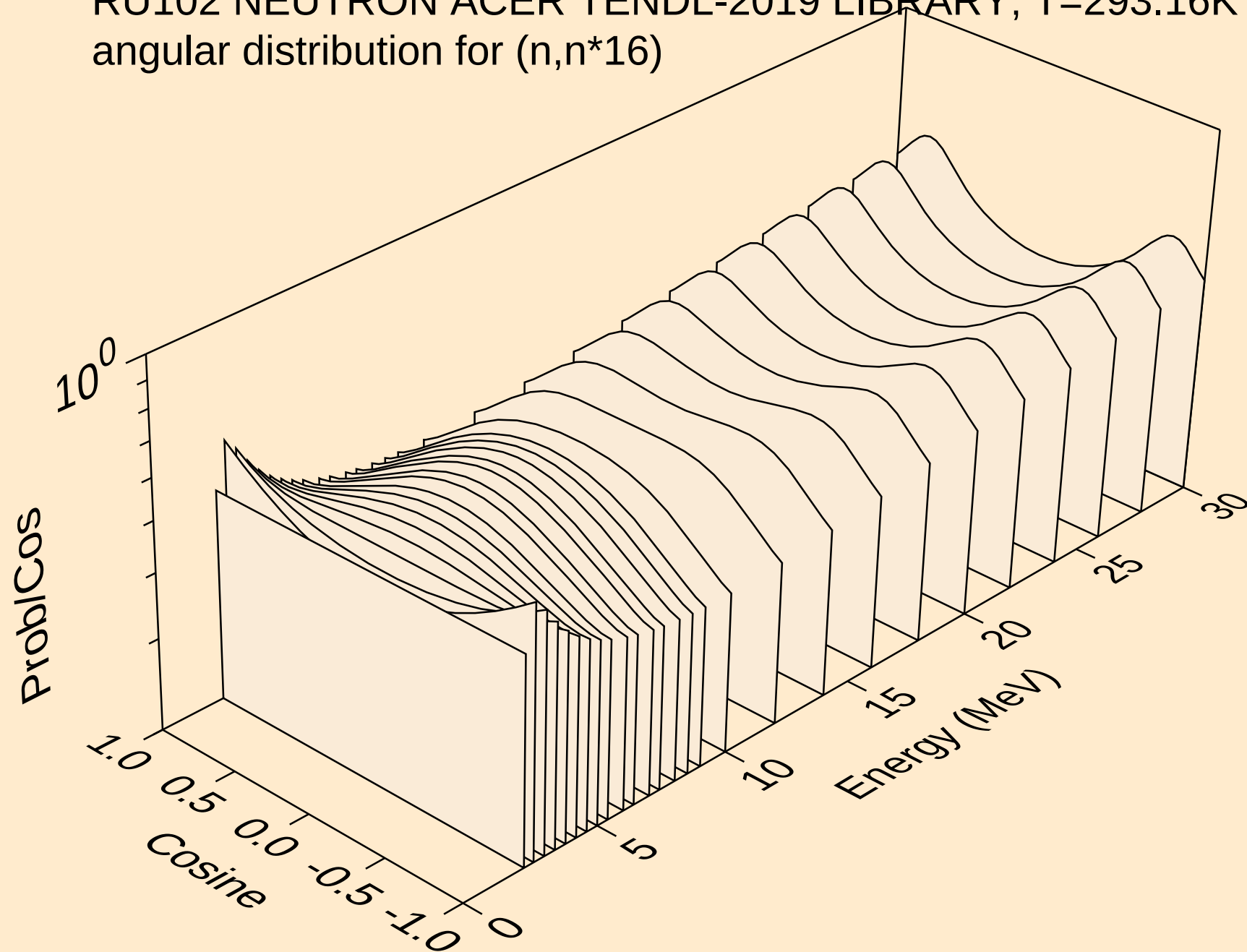
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angular distribution for (n,n*14)



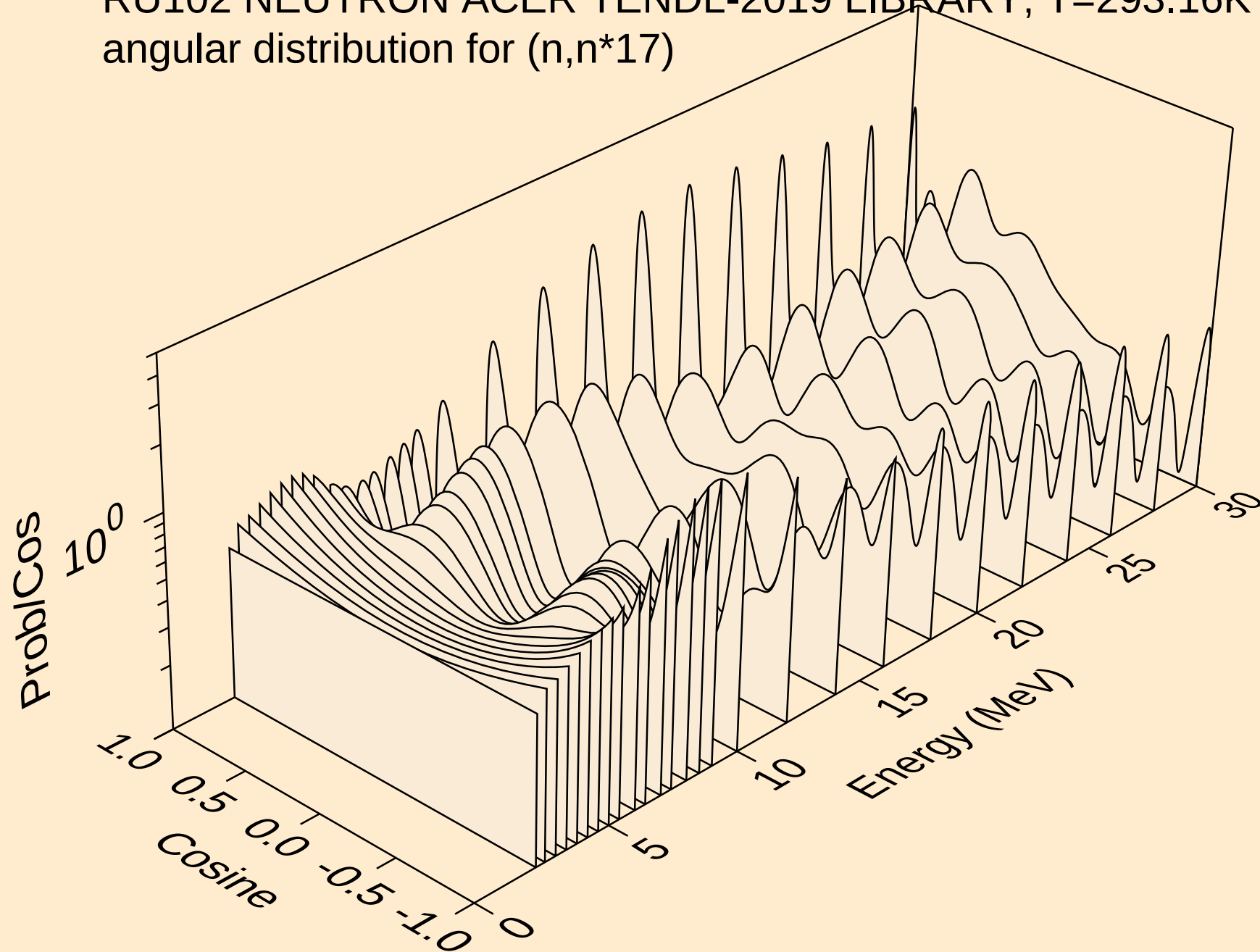
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angular distribution for (n,n*15)



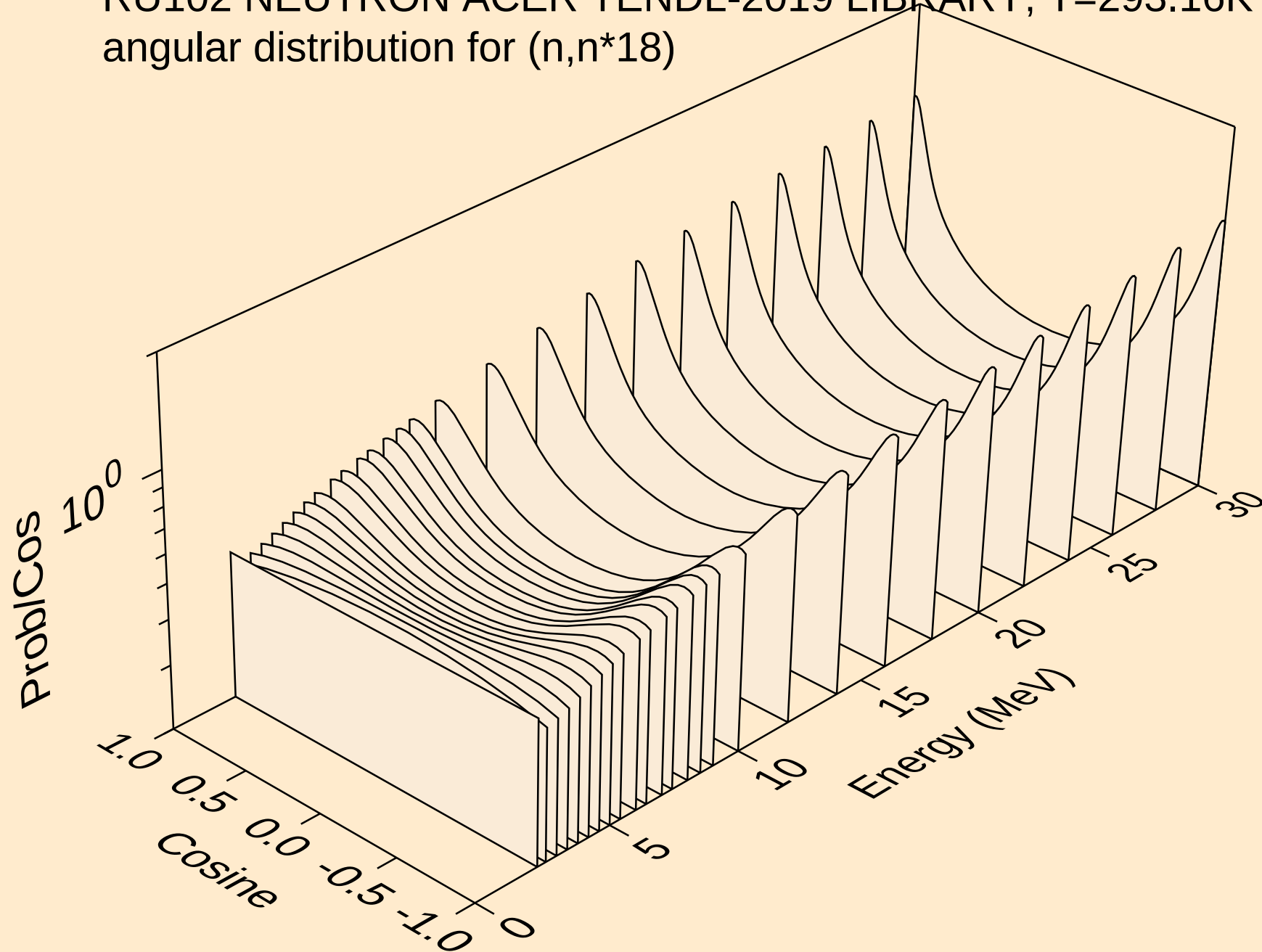
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



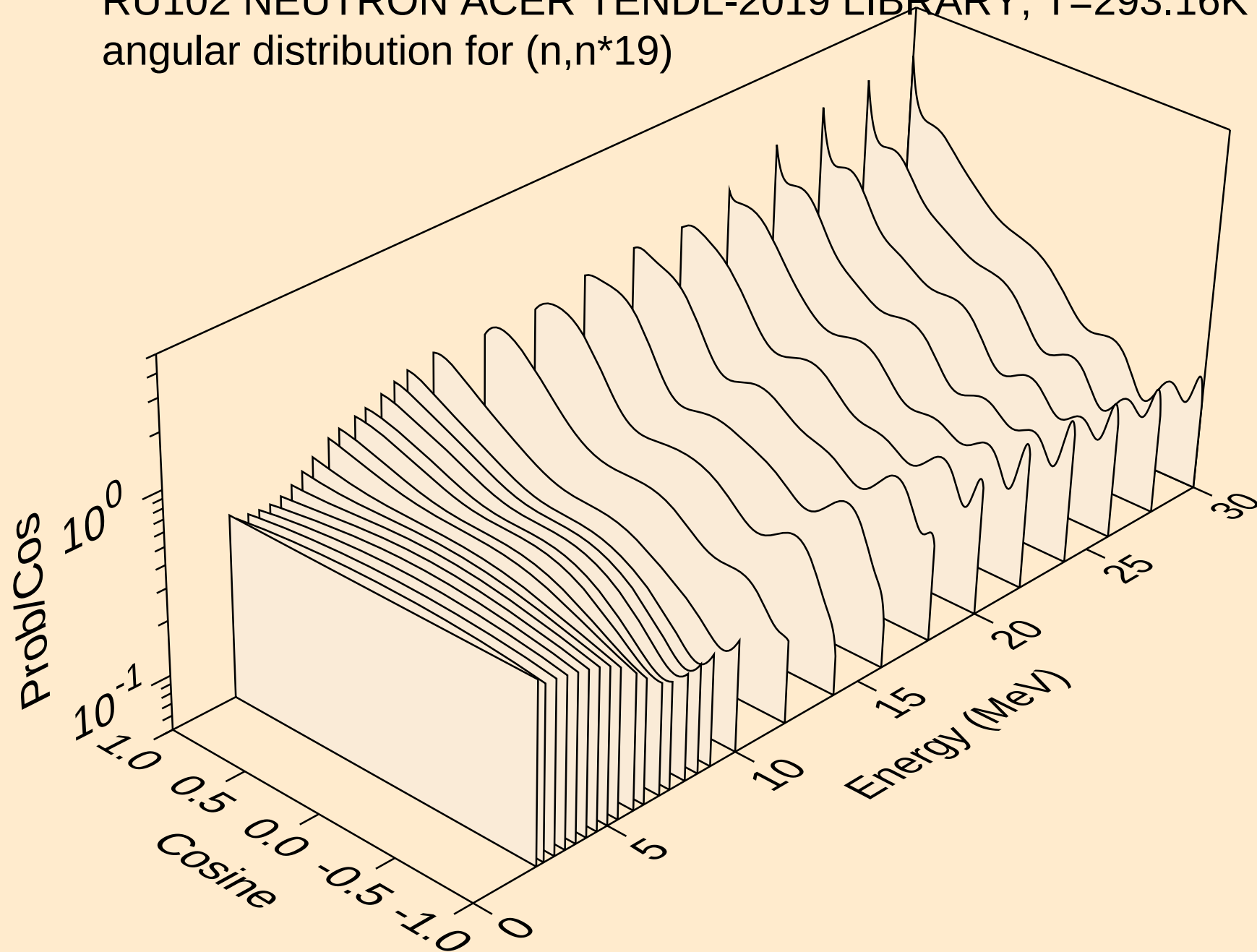
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angular distribution for (n,n*17)



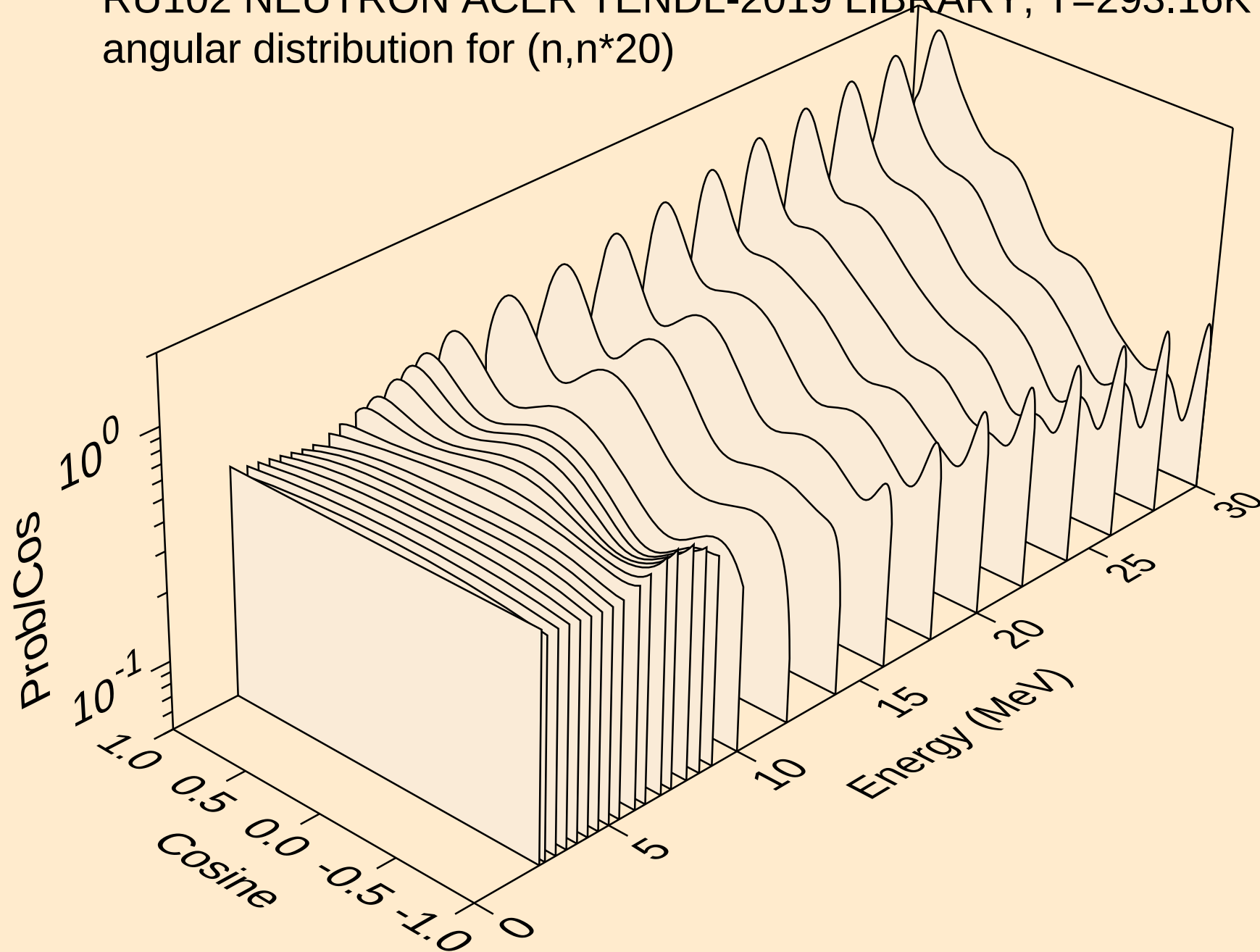
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angular distribution for (n,n*18)



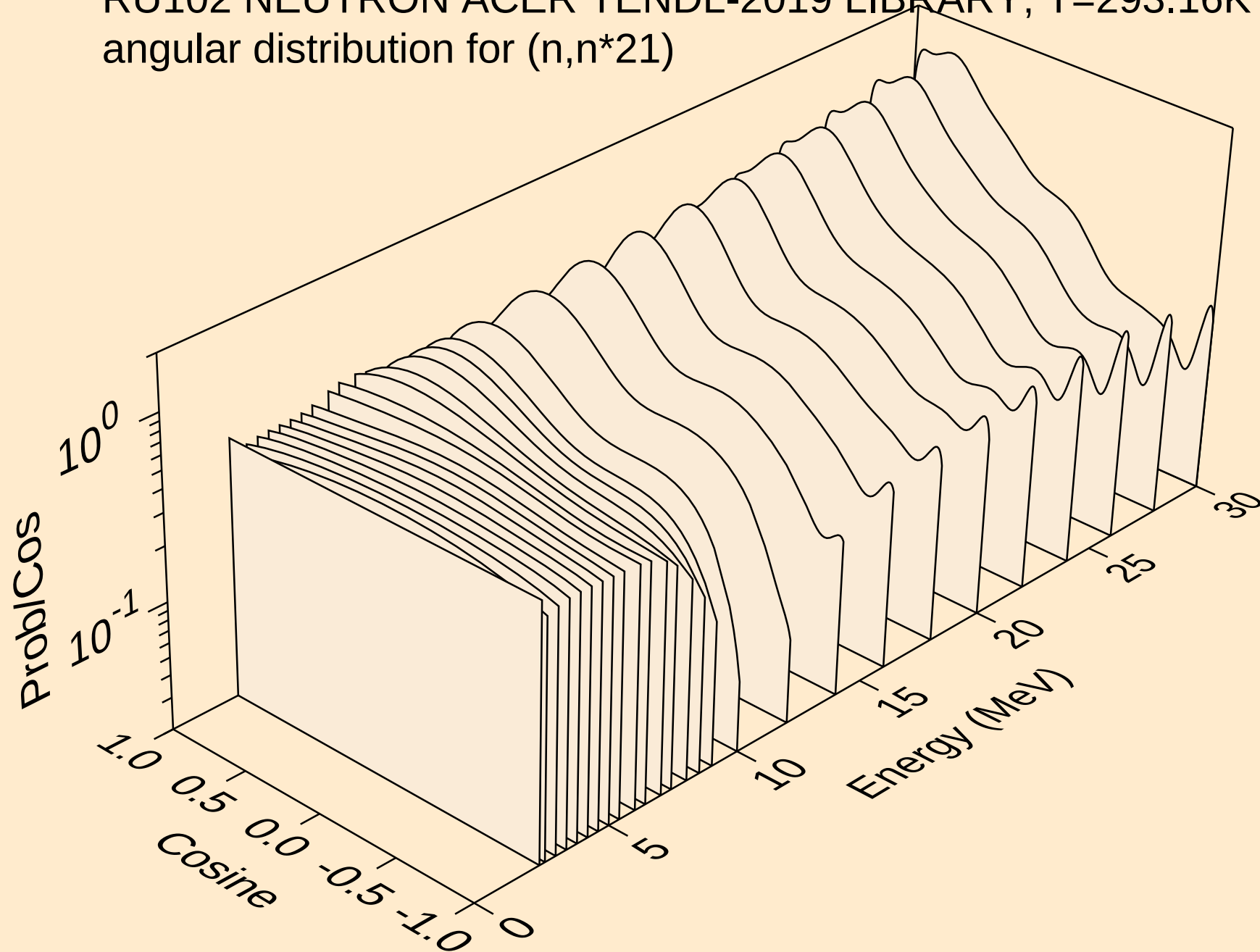
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angular distribution for (n,n*19)



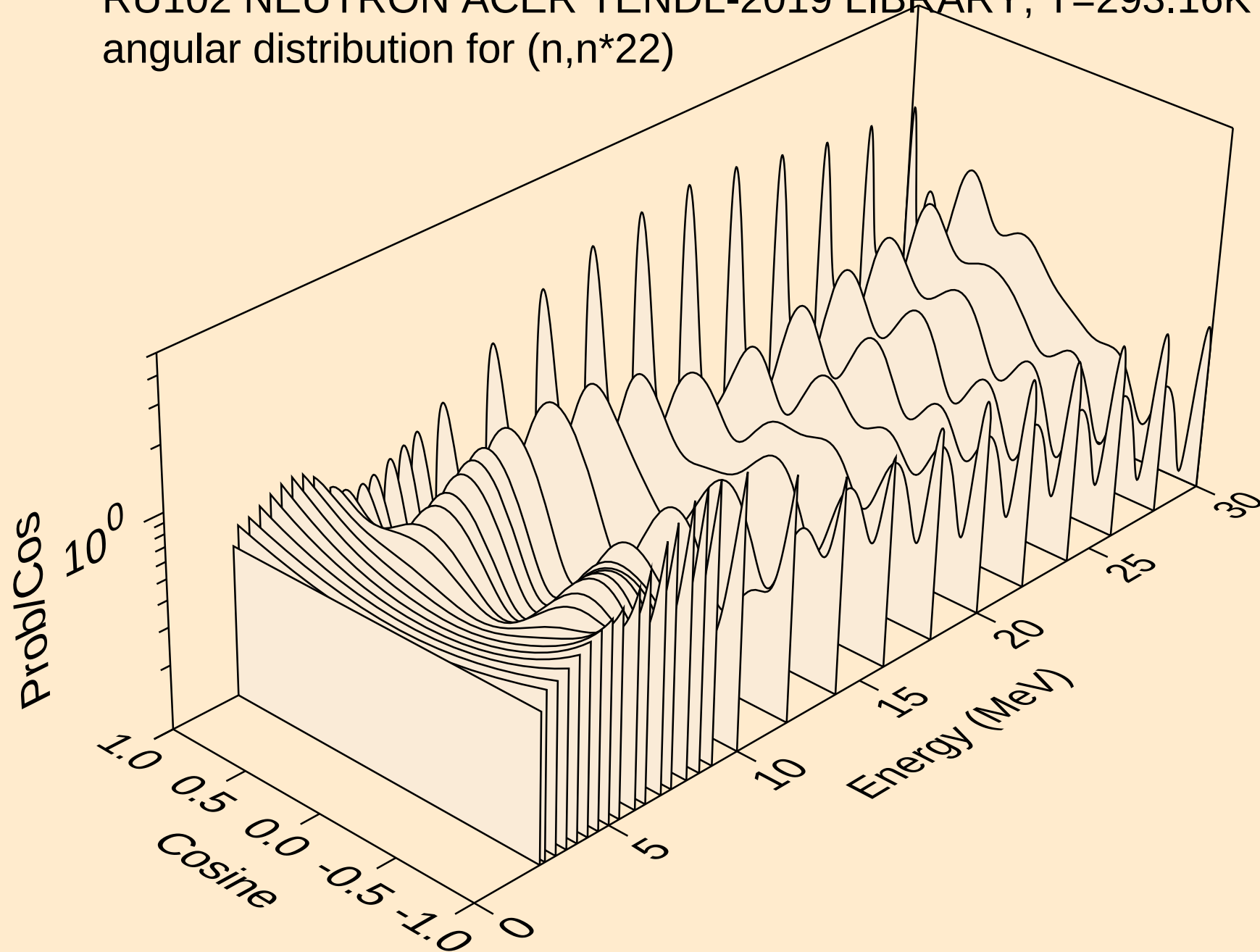
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angular distribution for (n,n*20)



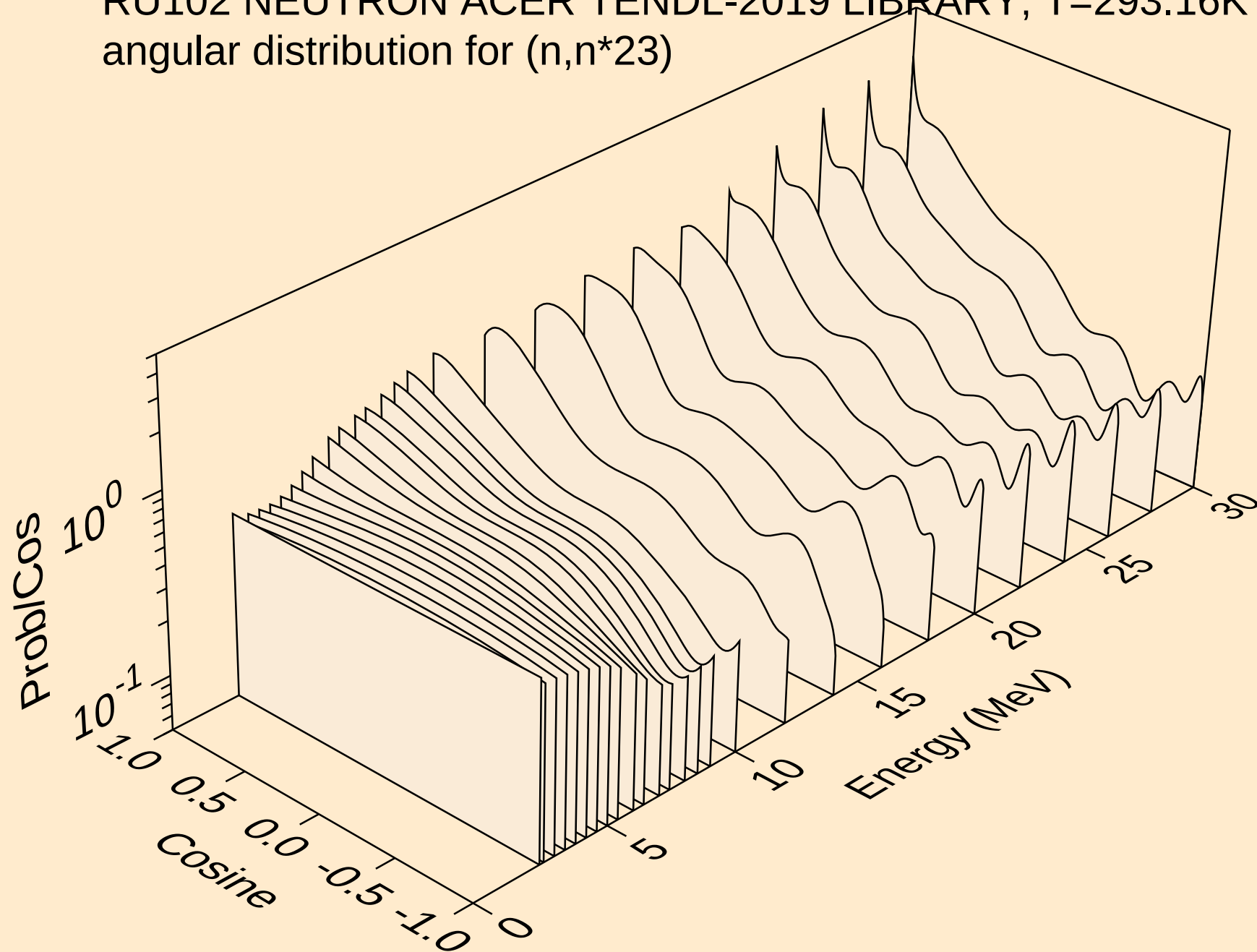
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angular distribution for (n,n*21)



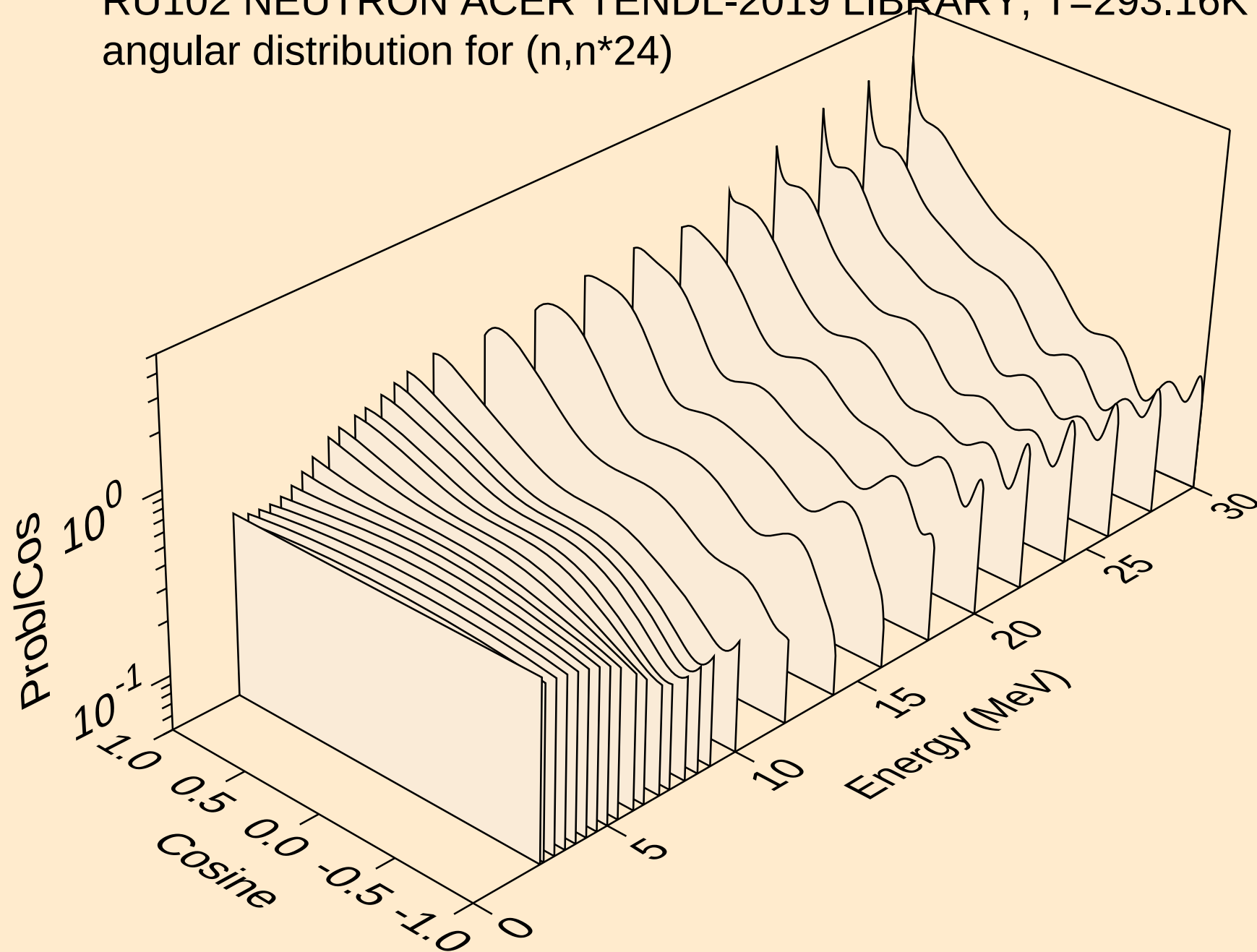
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angular distribution for (n,n*22)



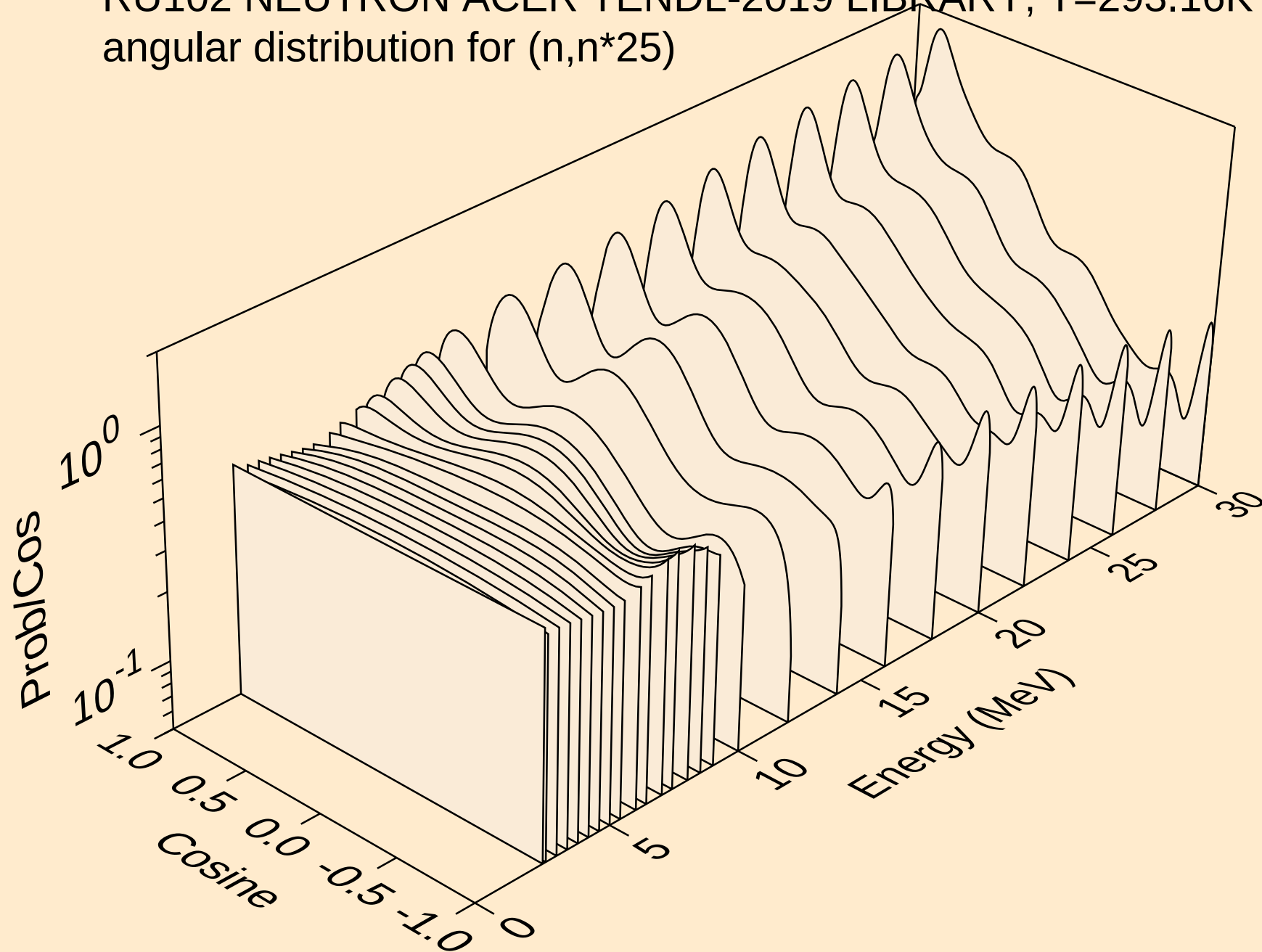
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



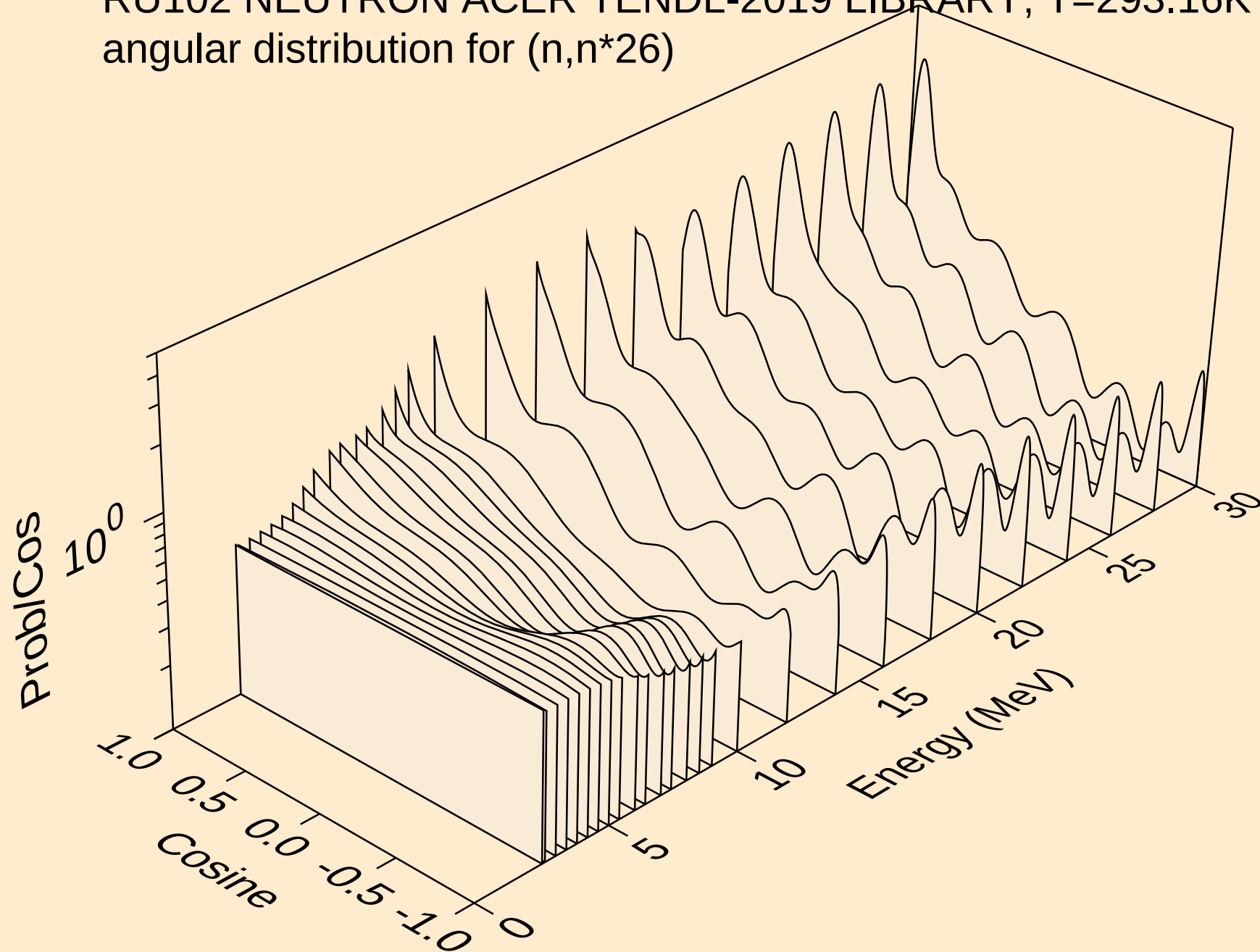
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



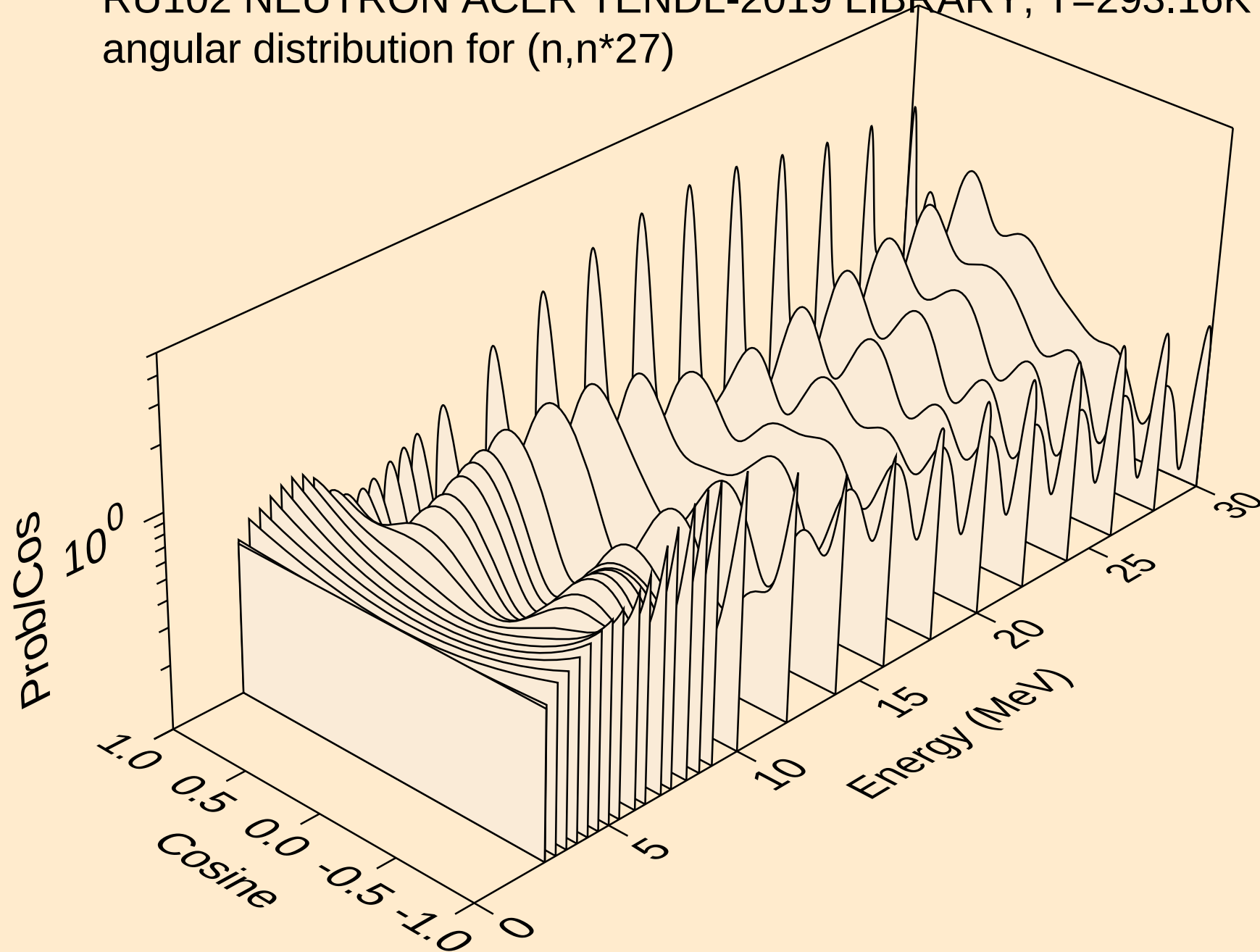
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



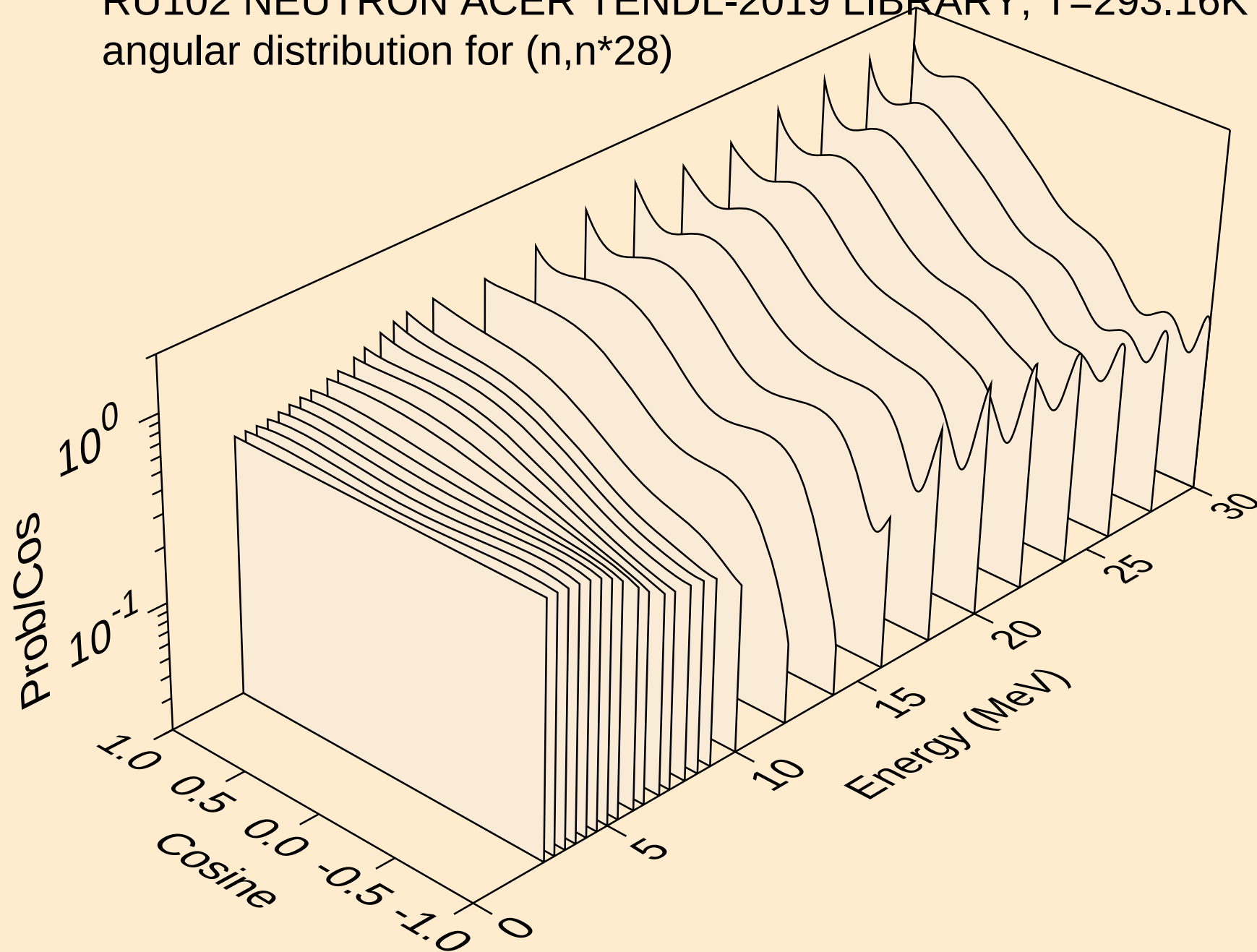
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



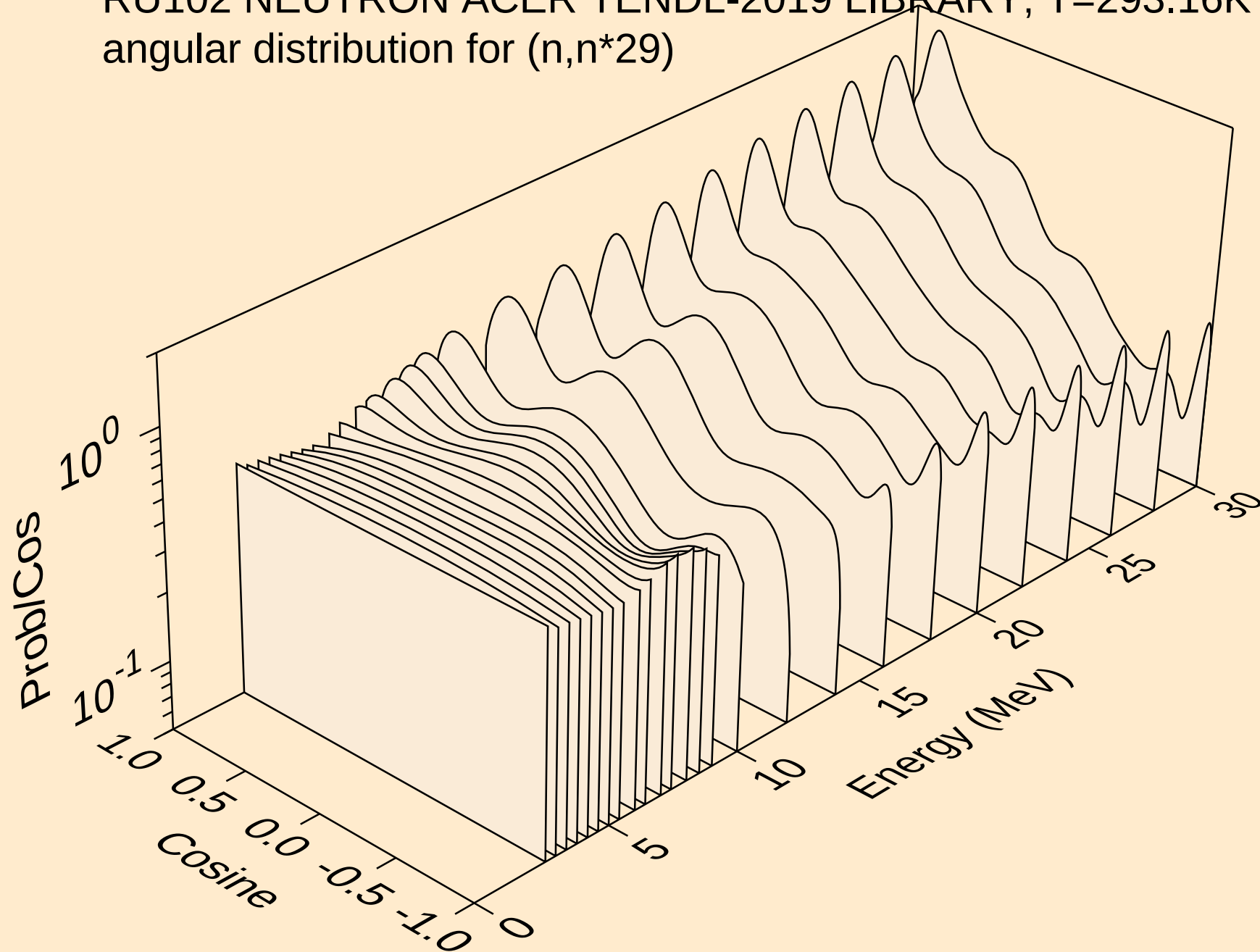
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



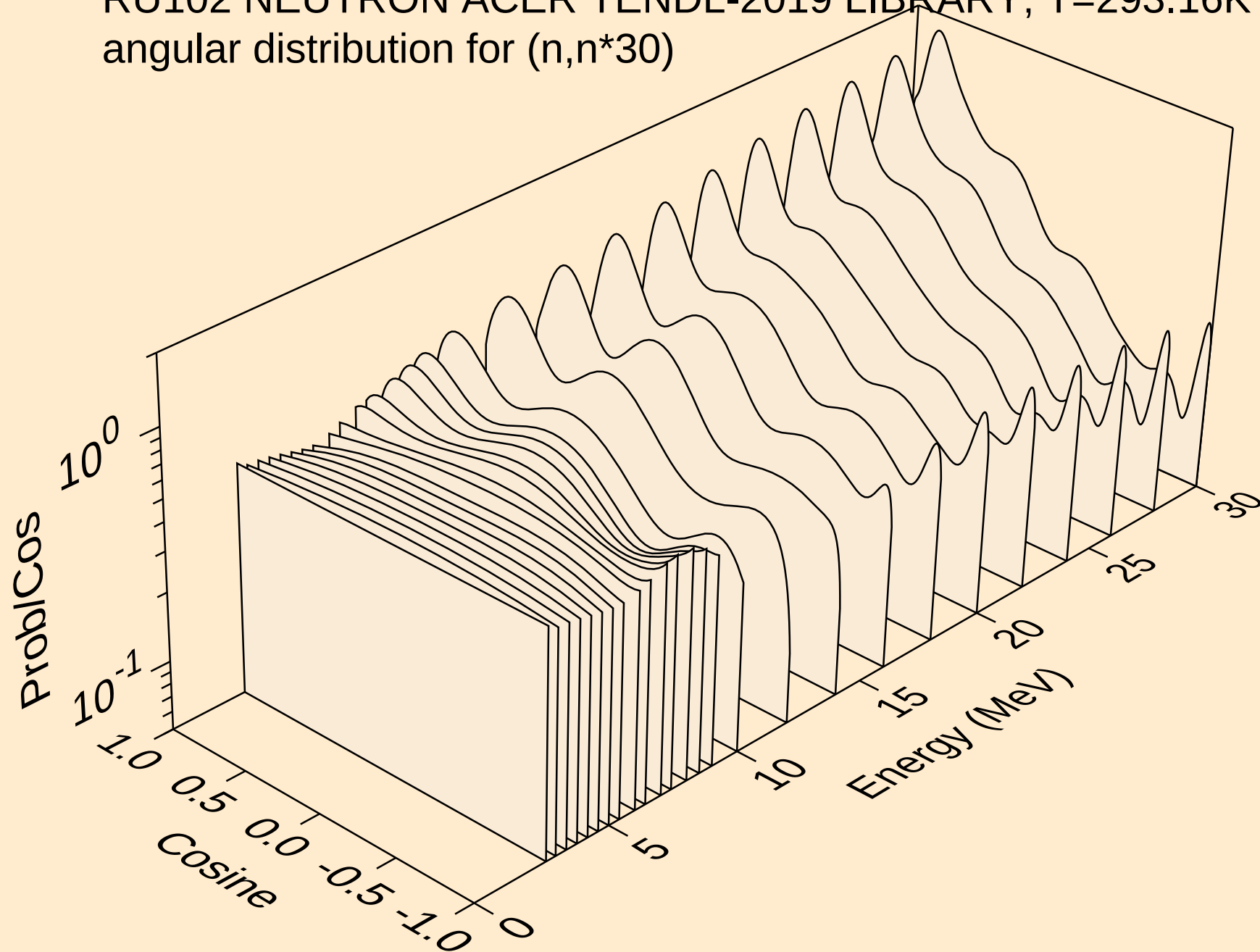
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



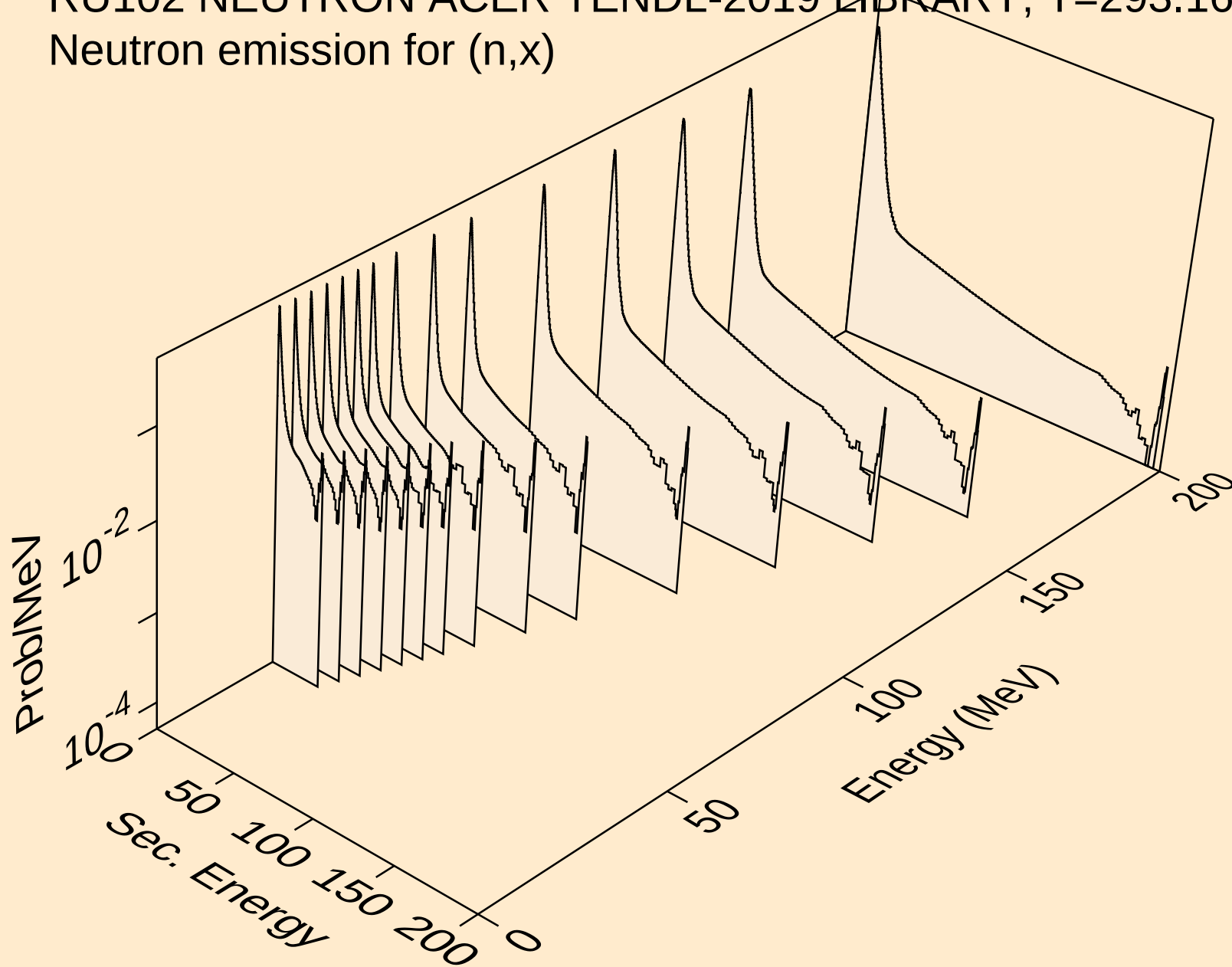
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



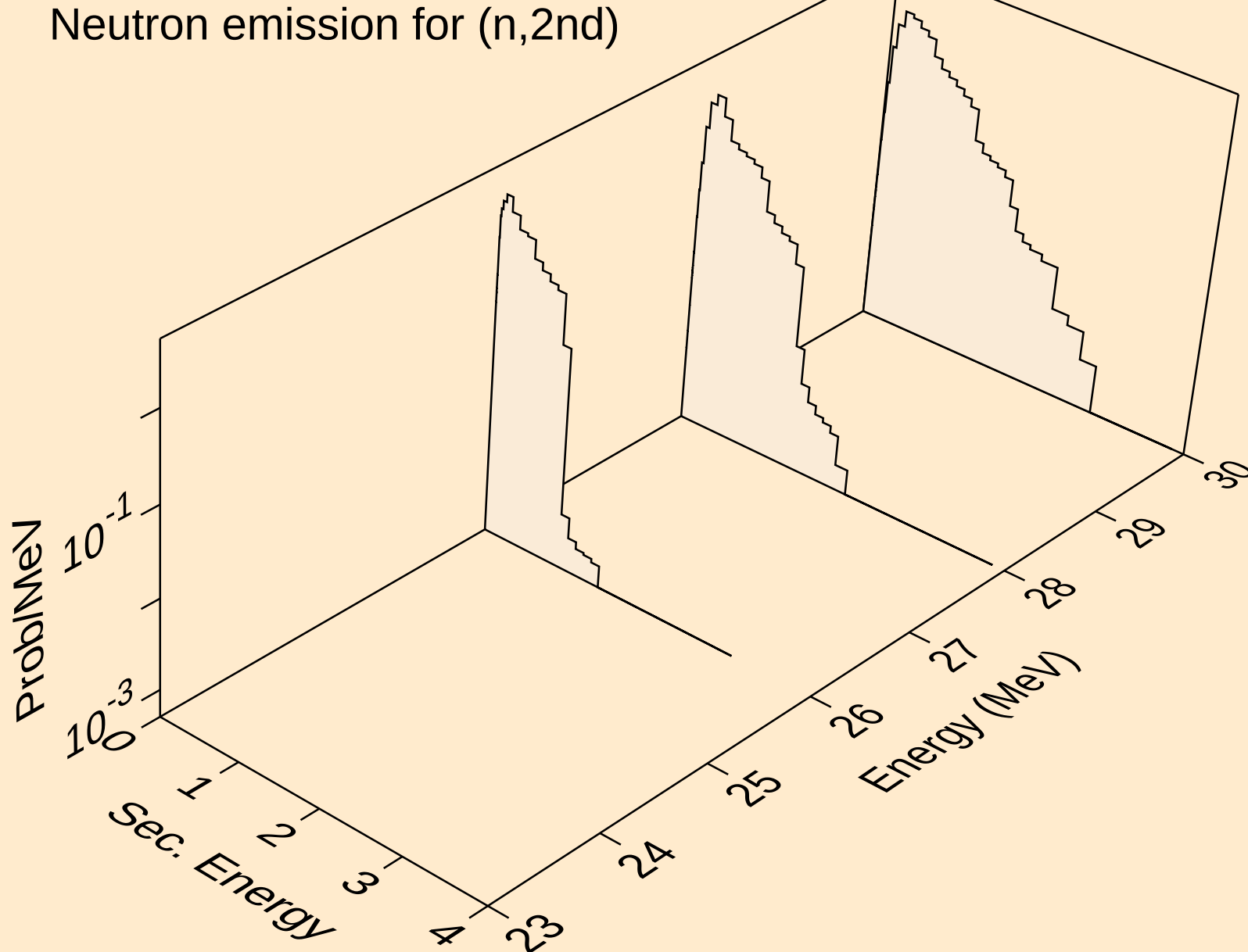
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*30)



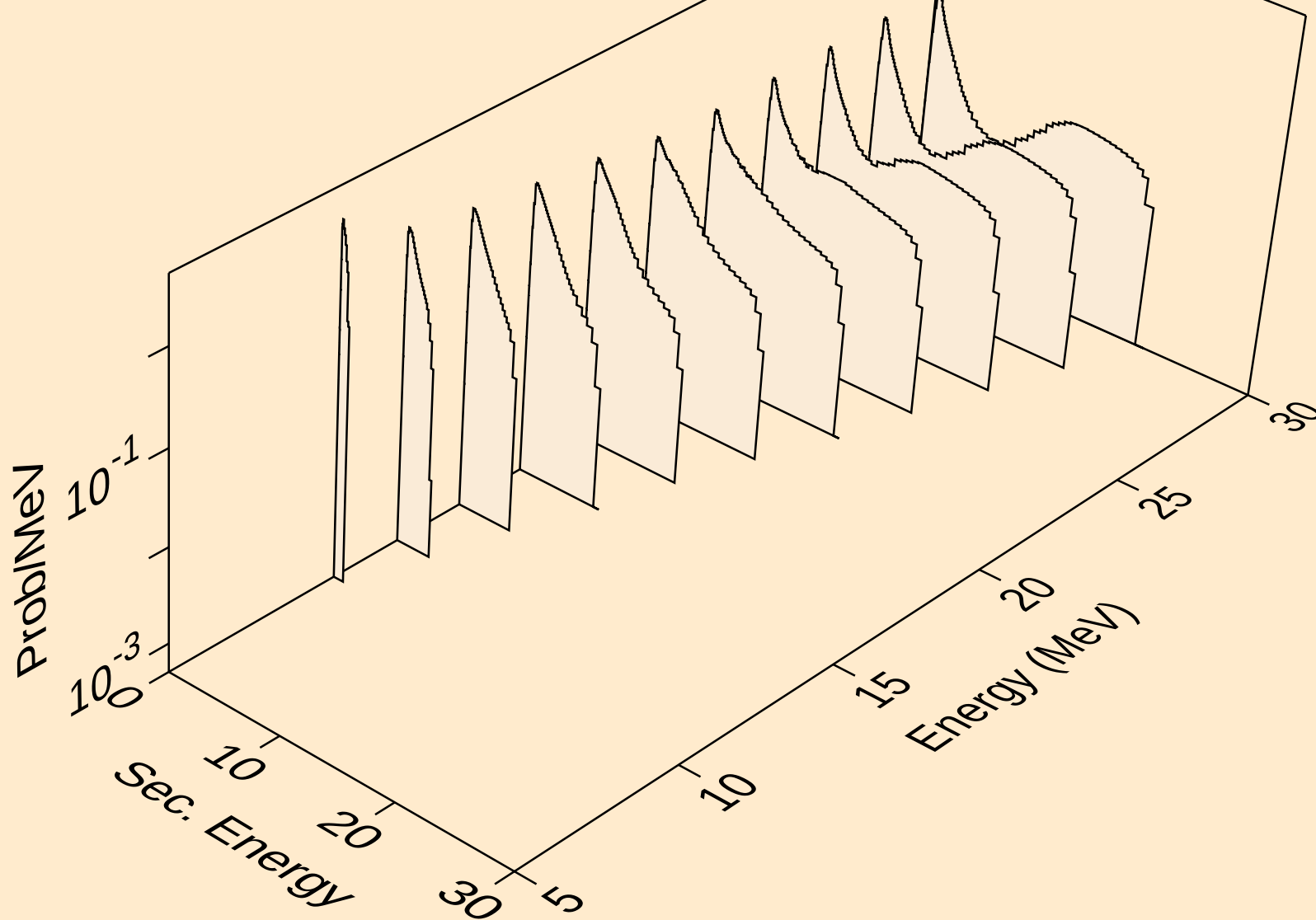
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



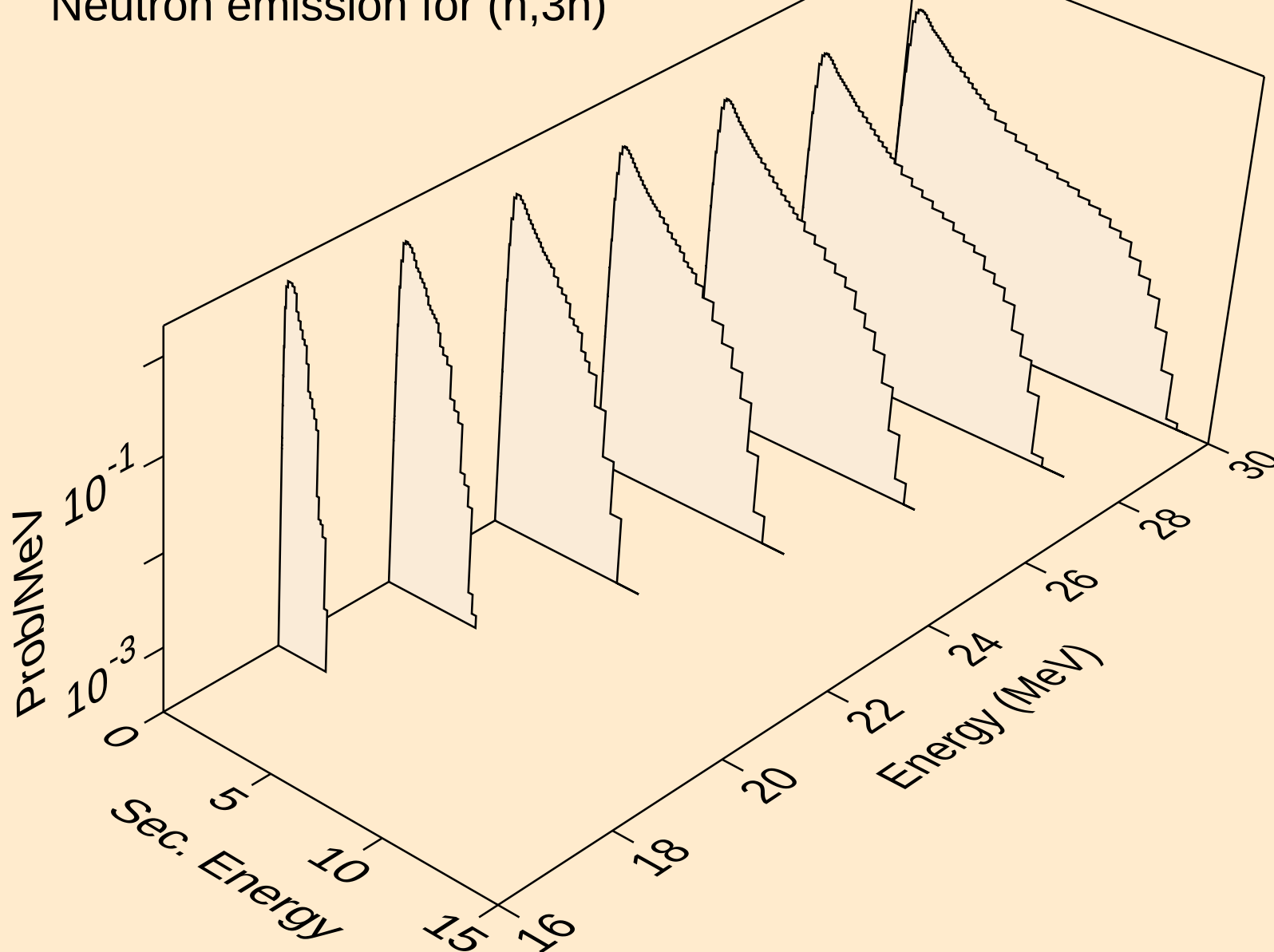
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



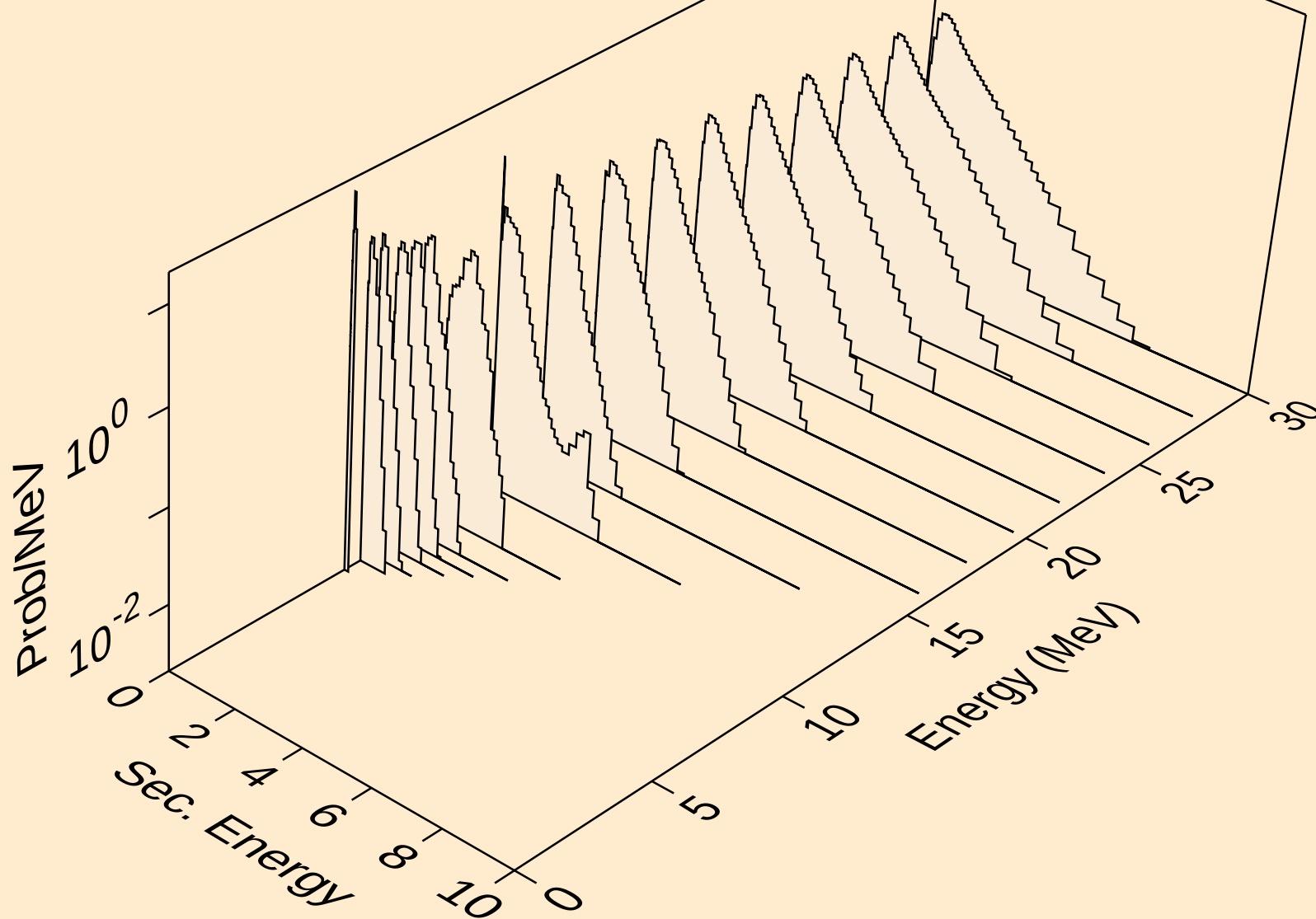
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



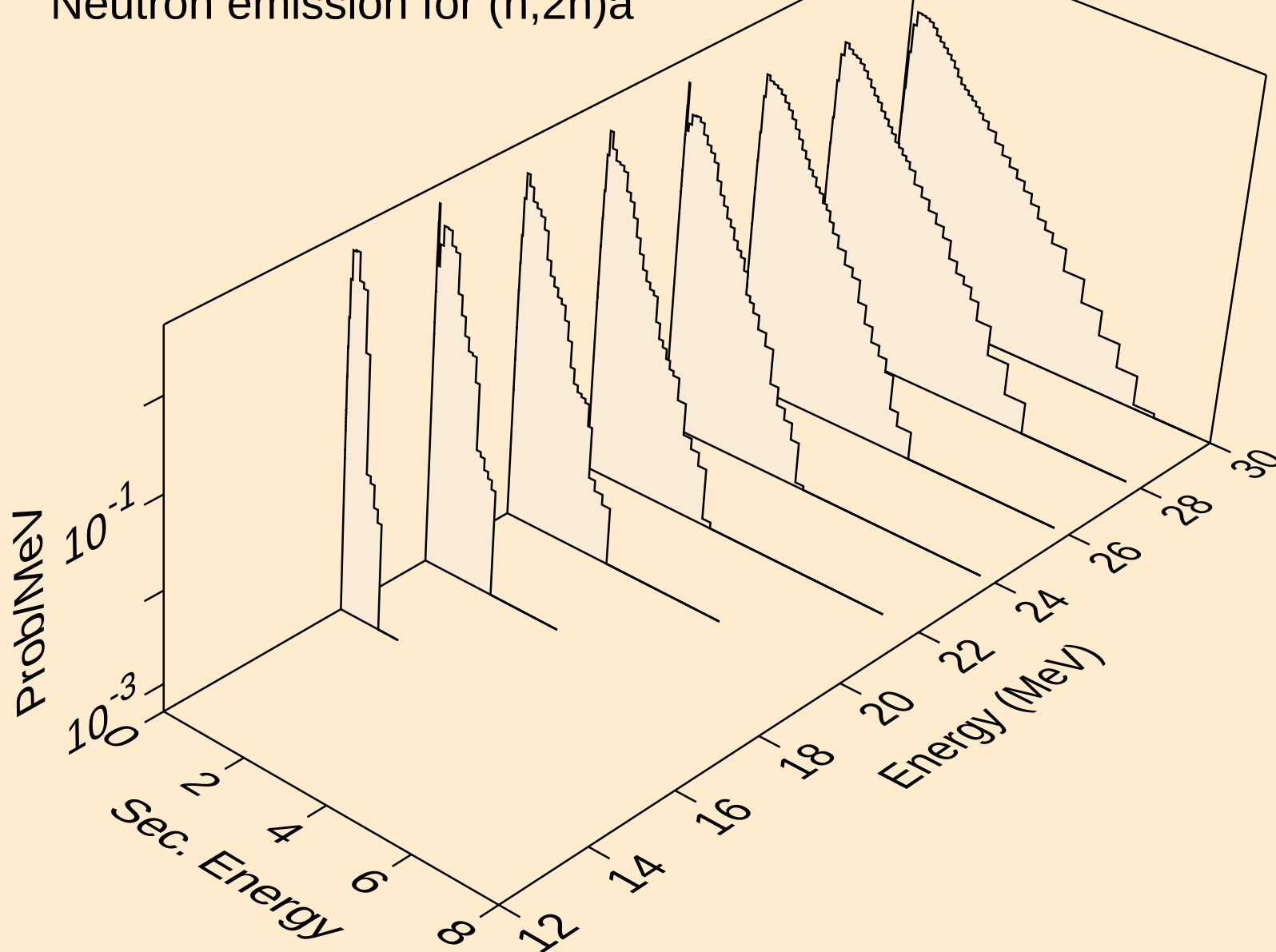
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



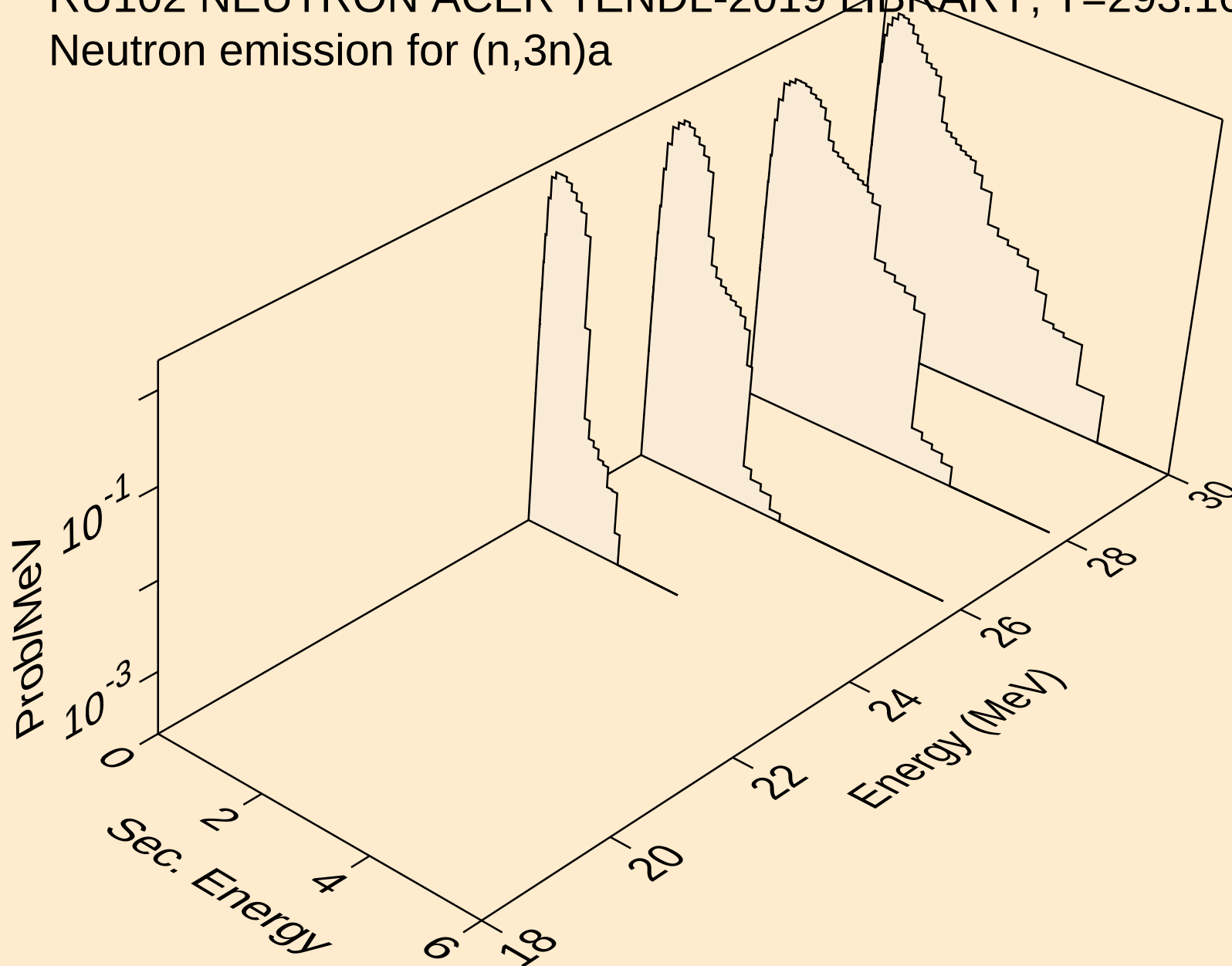
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



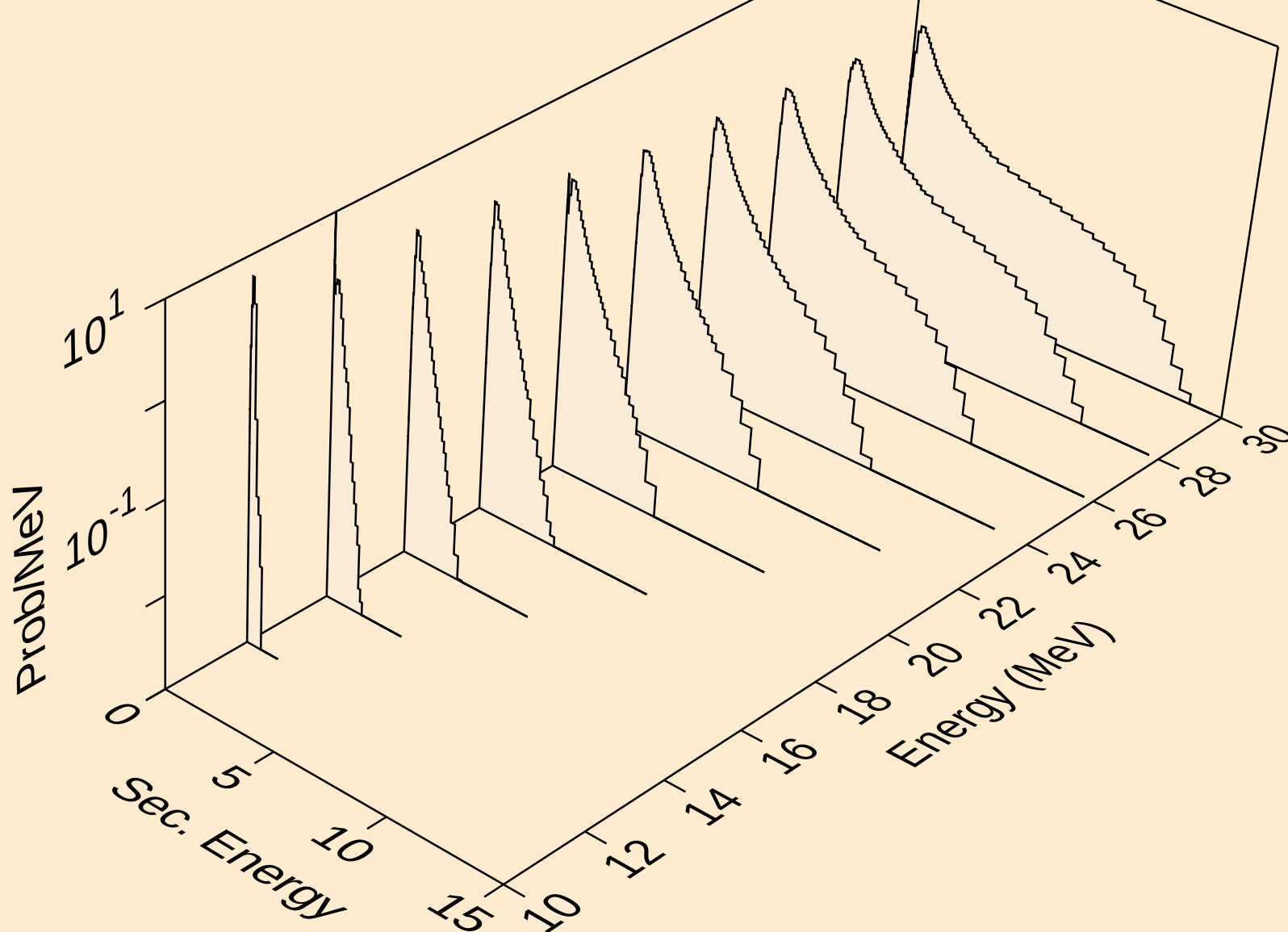
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)_a



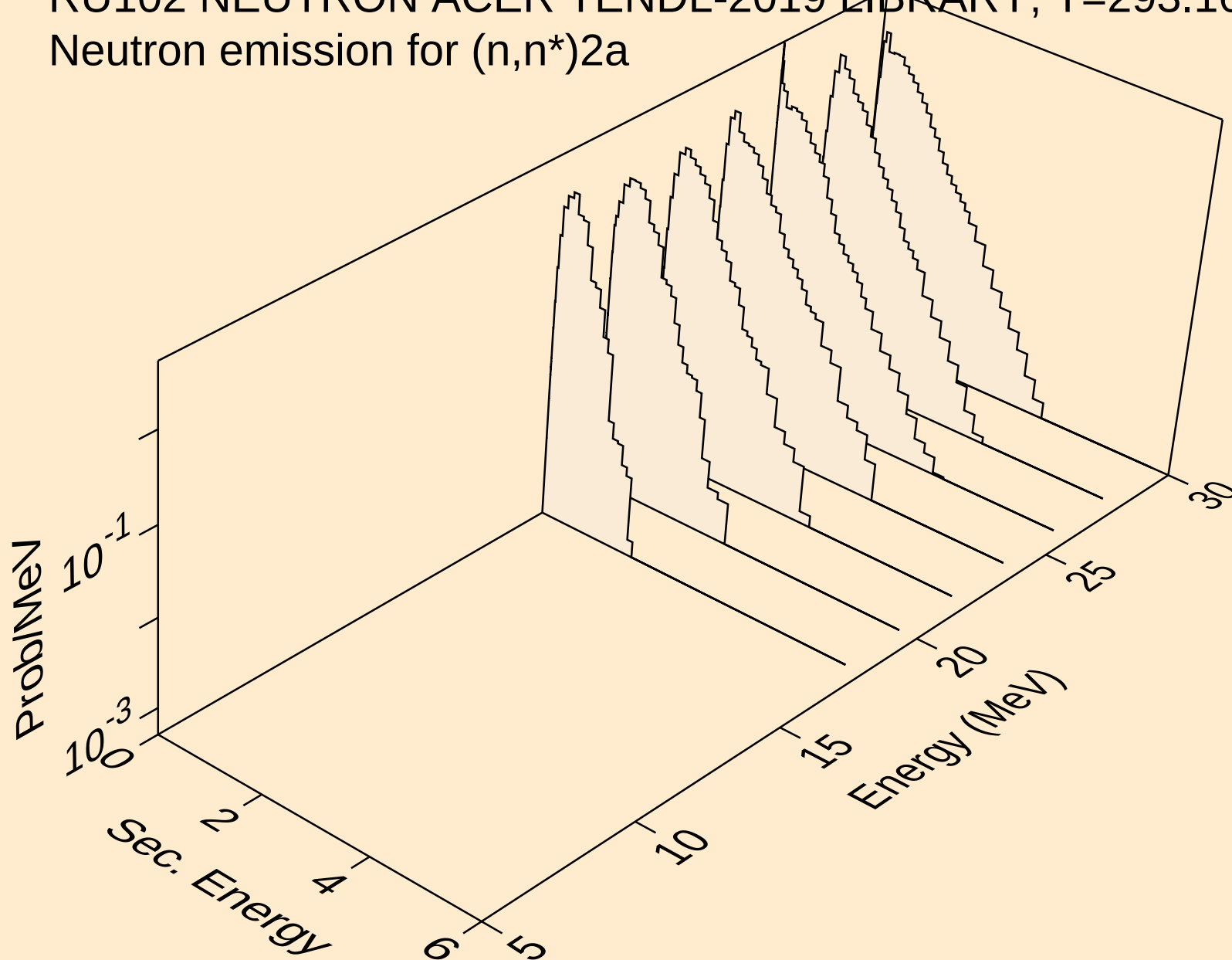
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



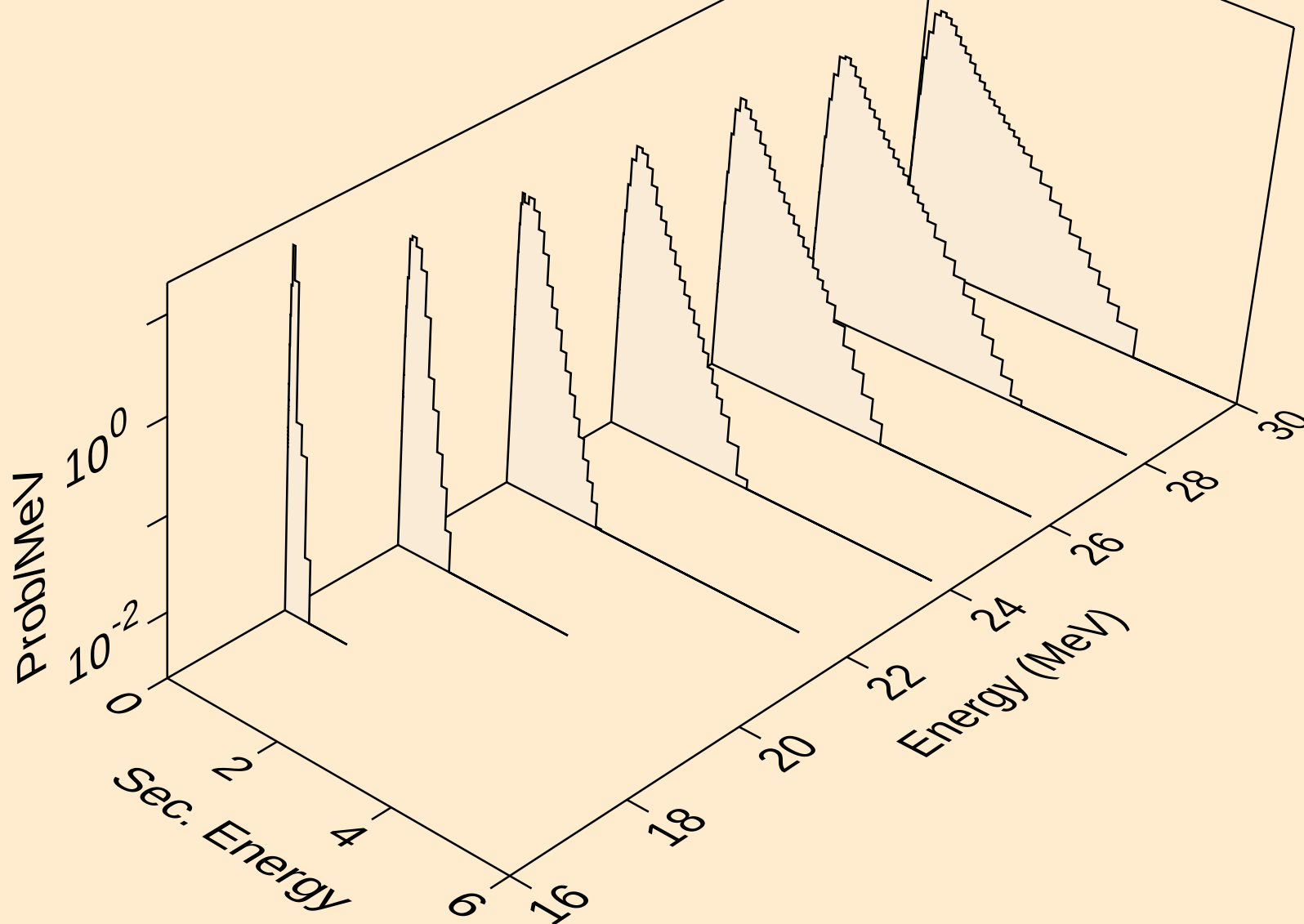
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



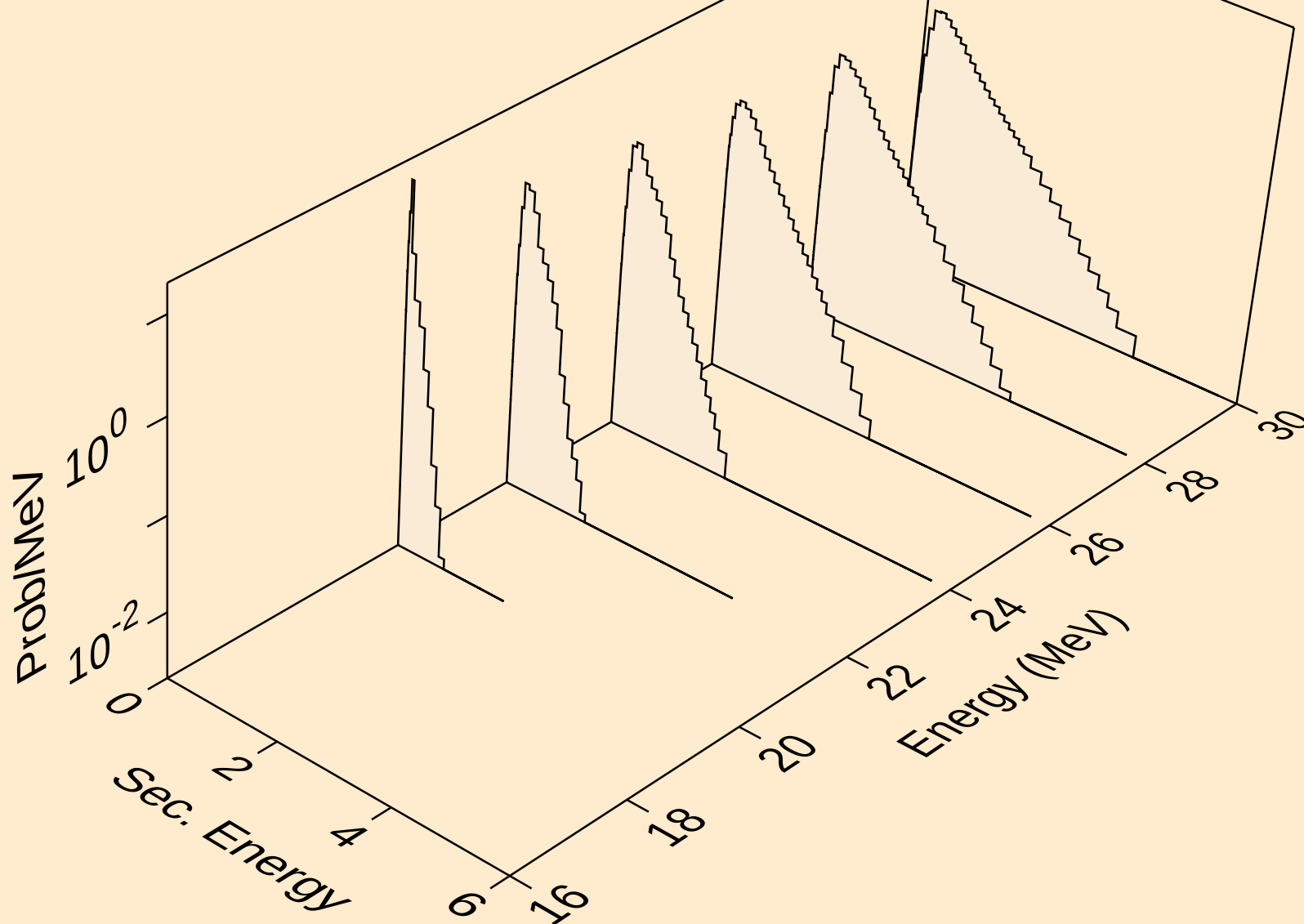
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



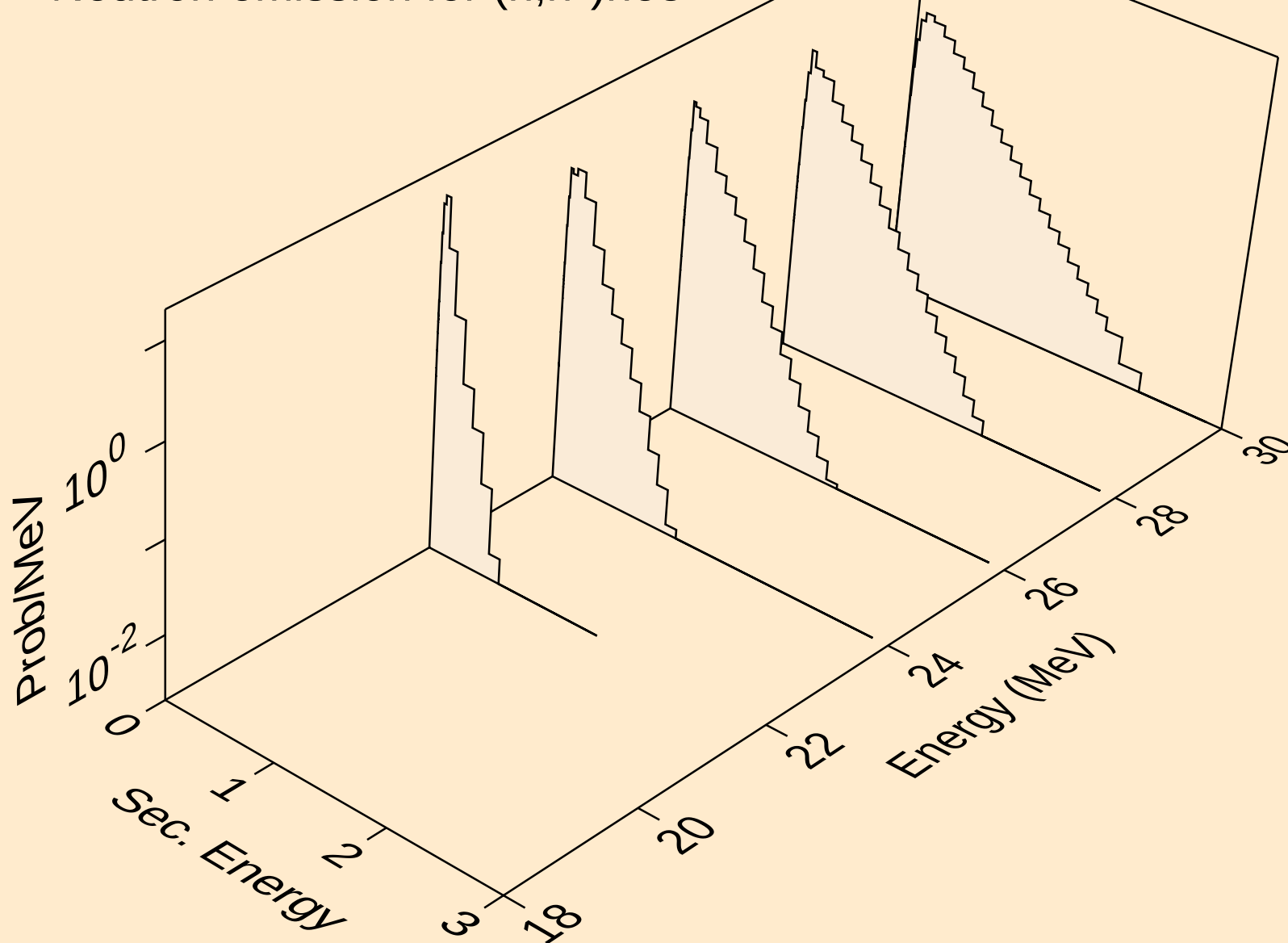
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



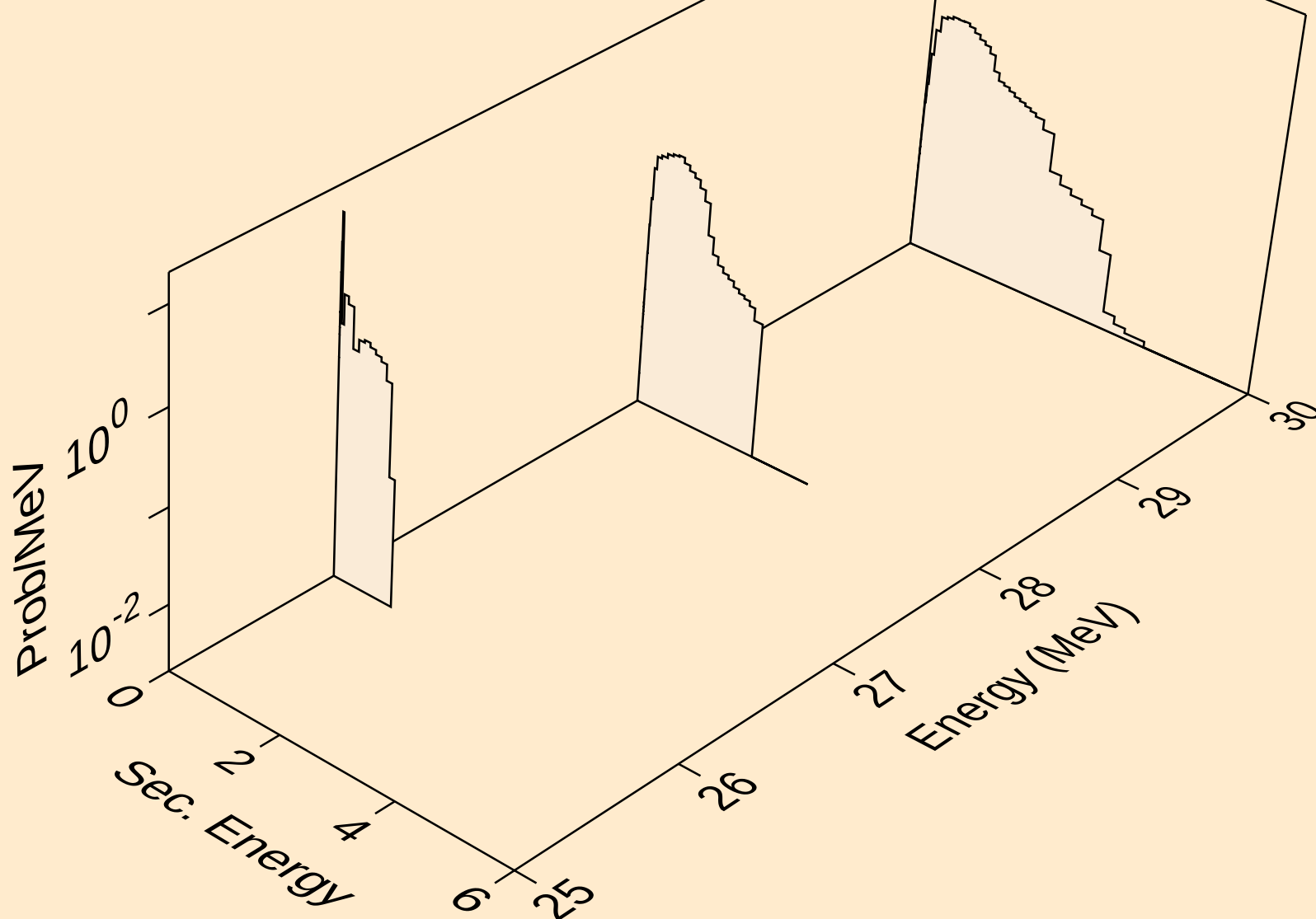
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



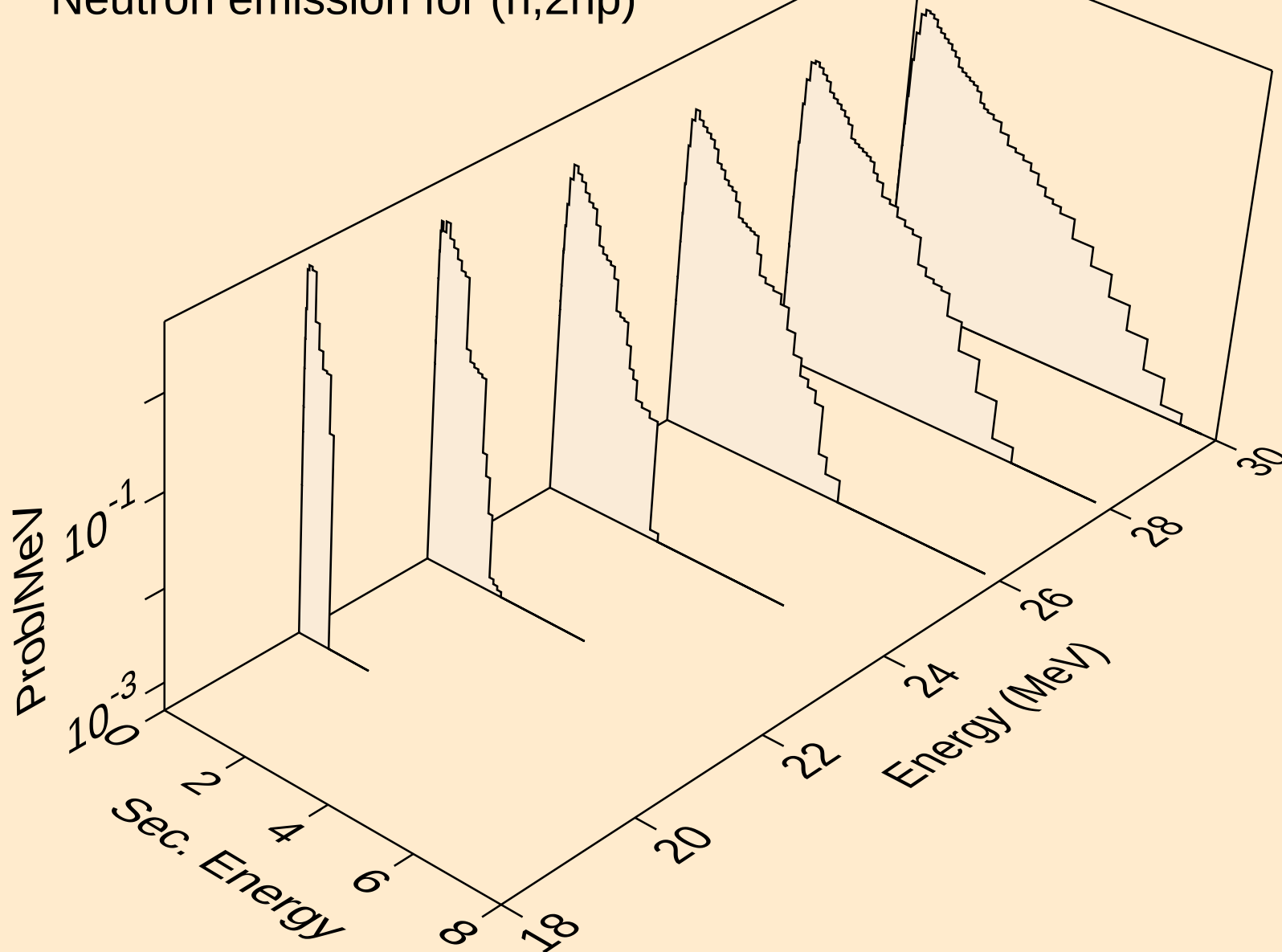
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



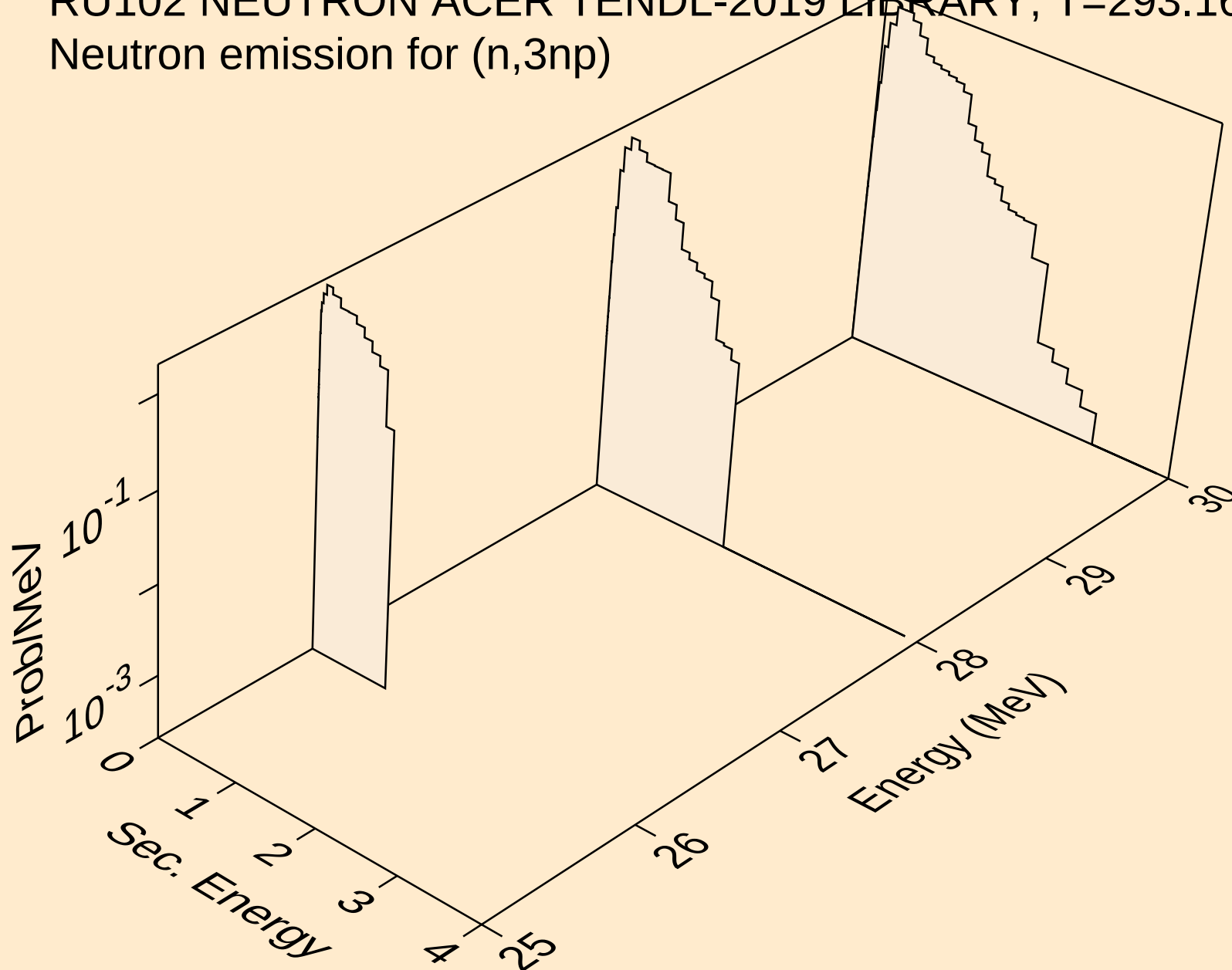
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



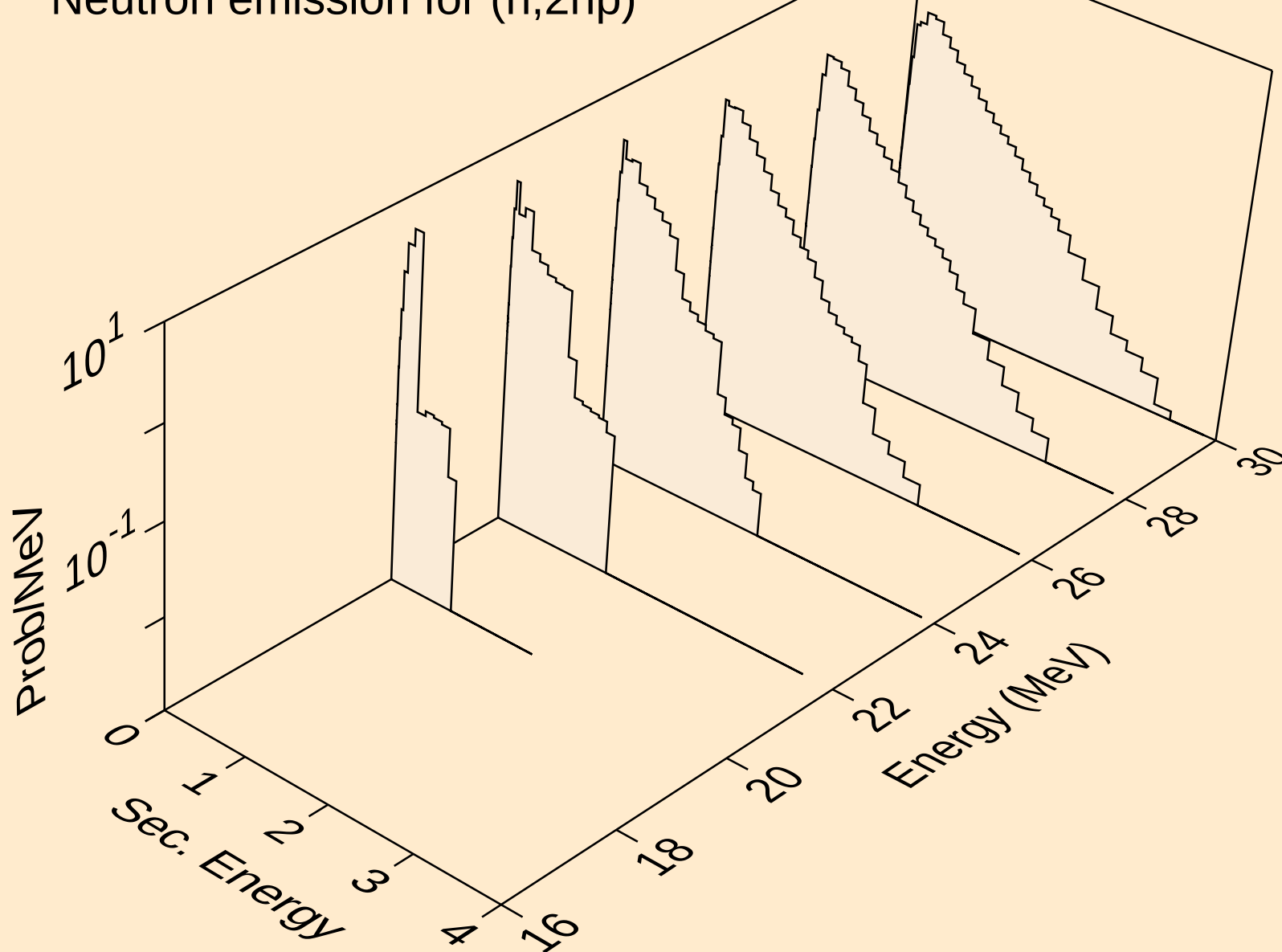
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



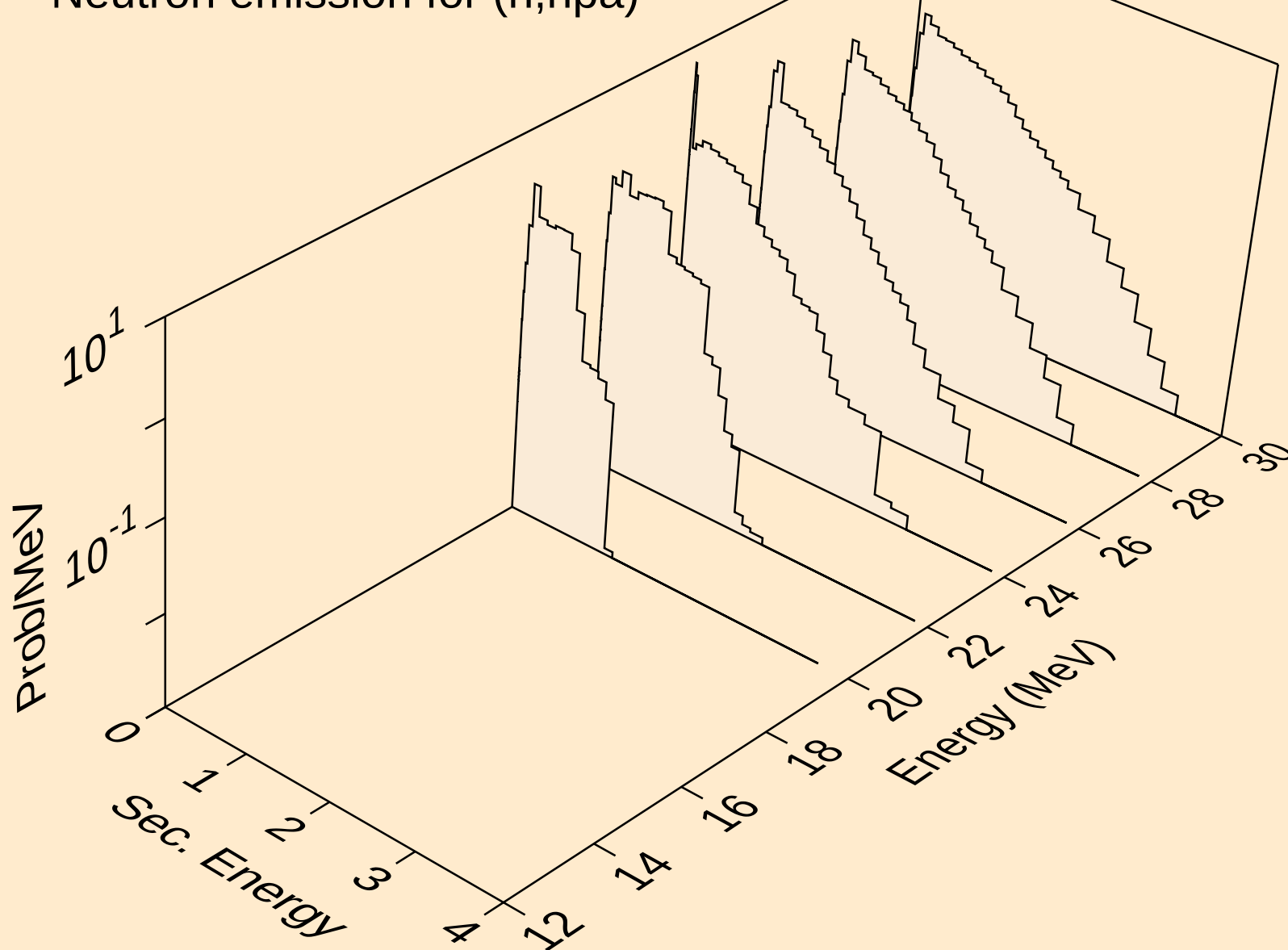
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Neutron emission for (n,3np)



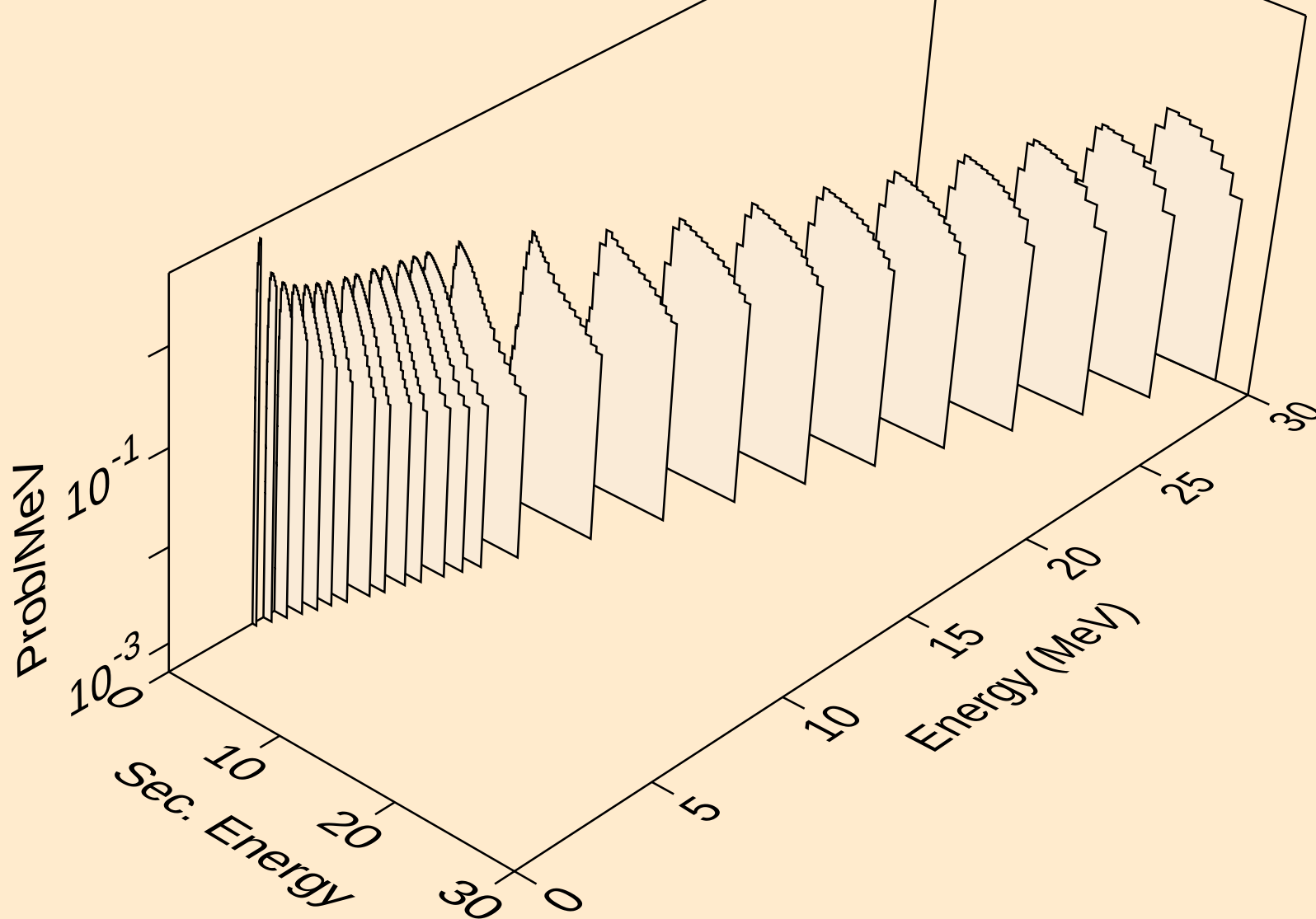
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



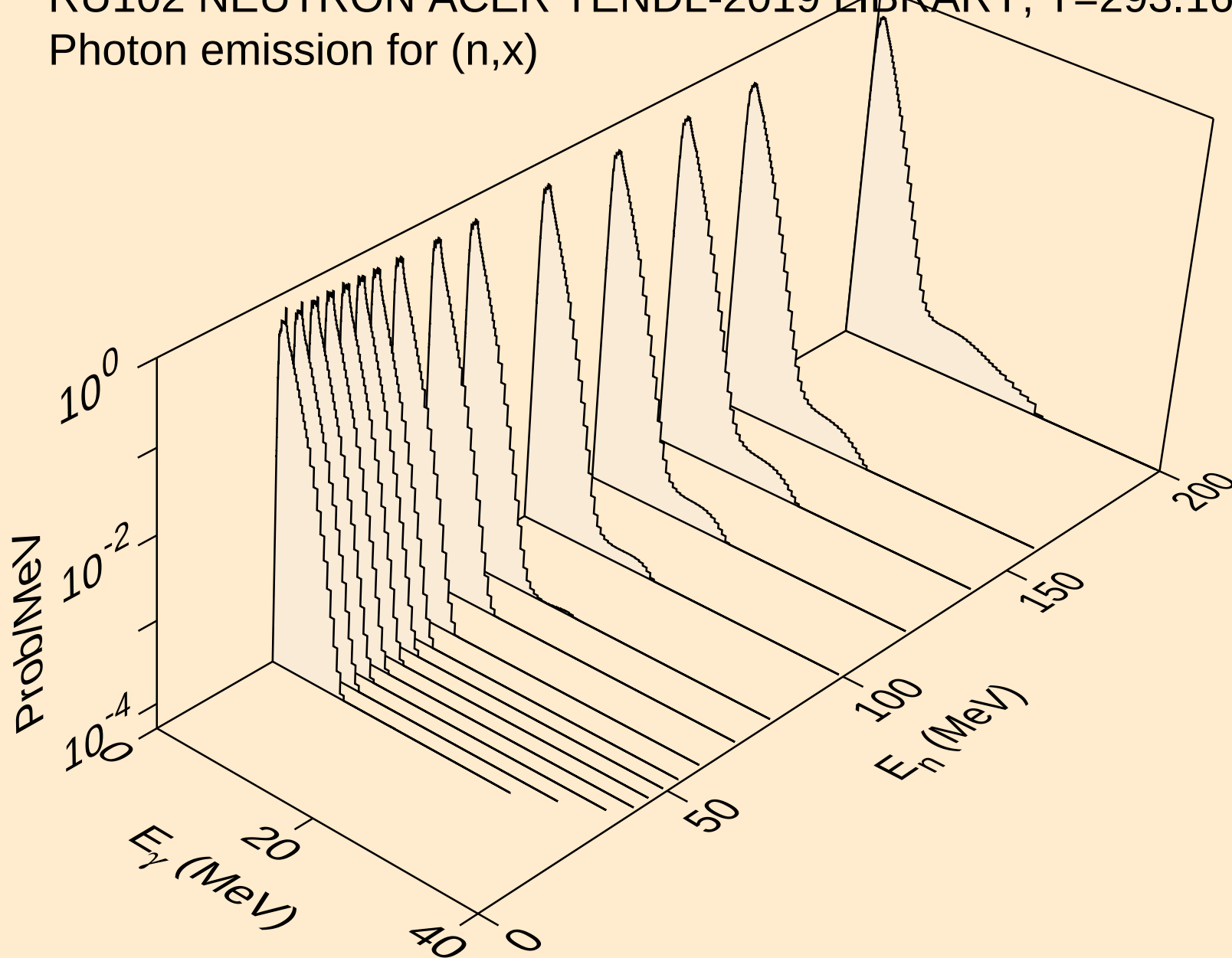
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



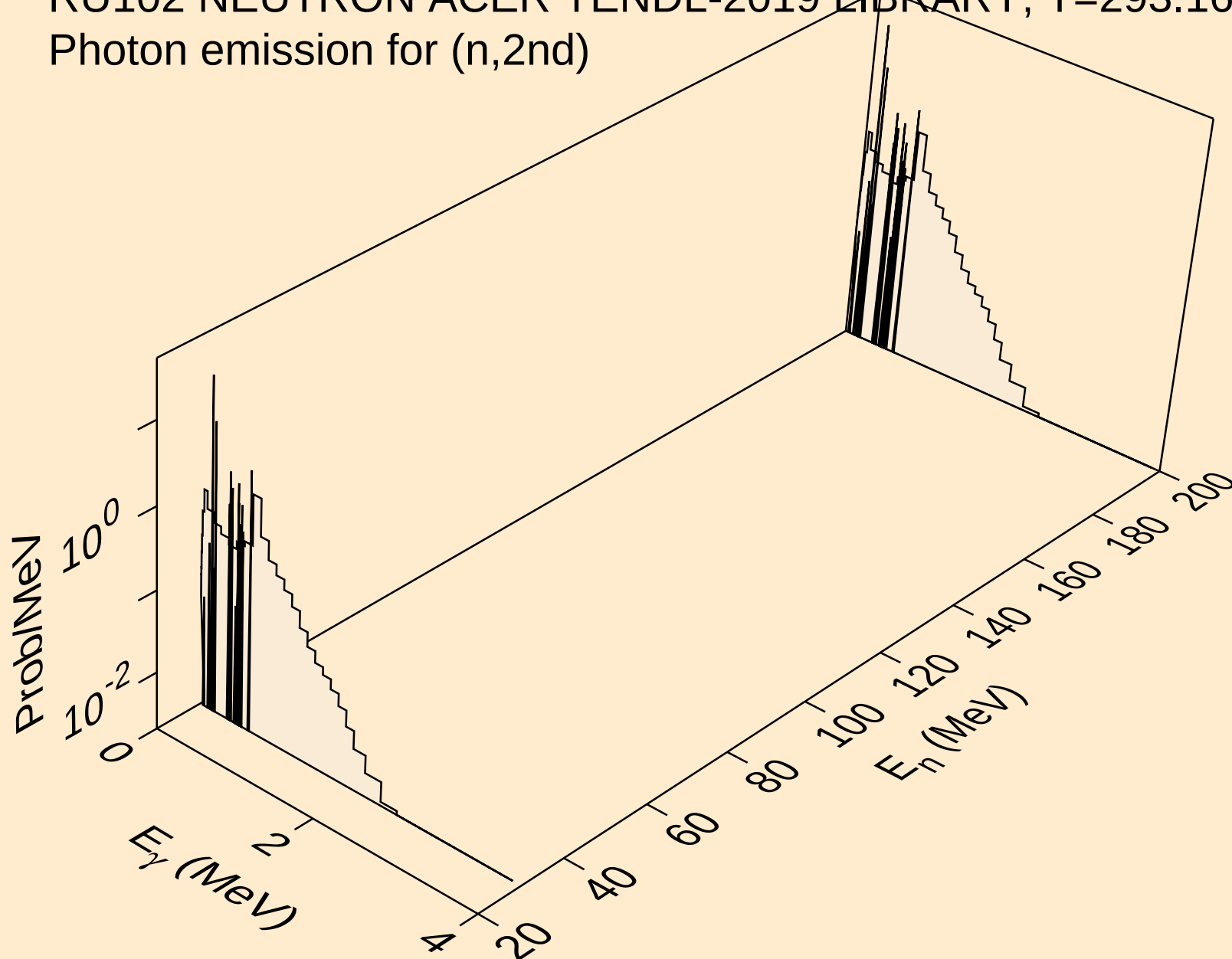
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



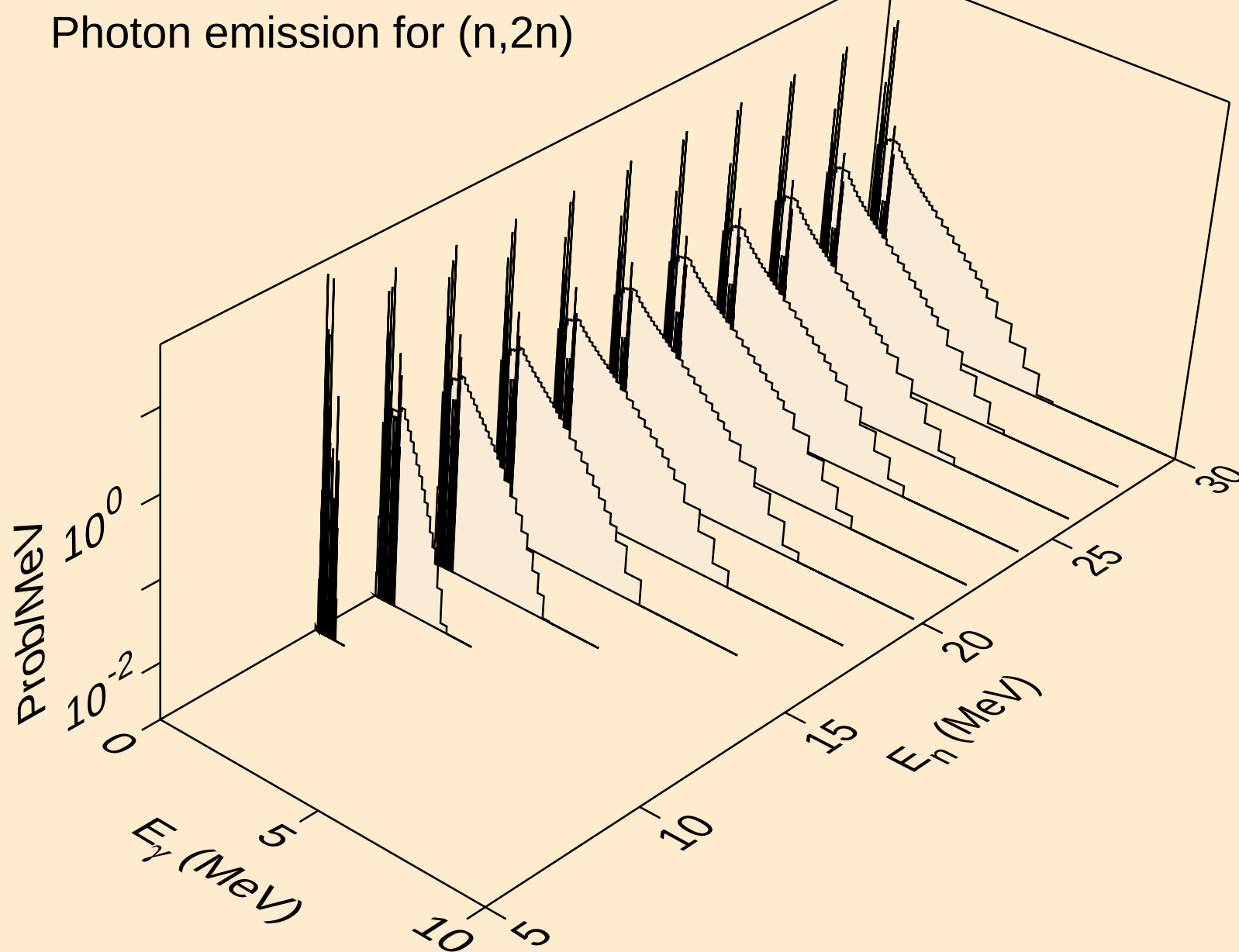
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



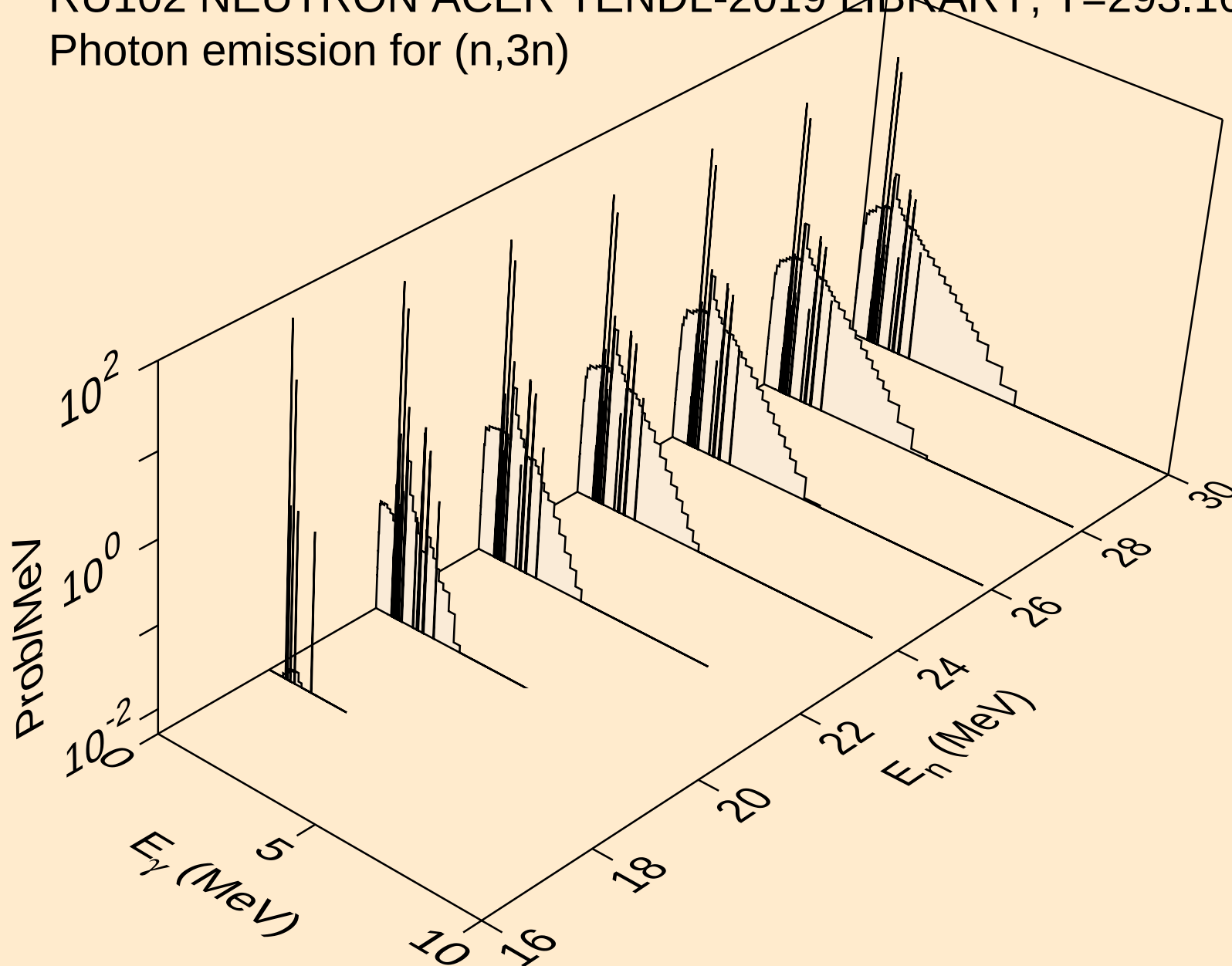
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



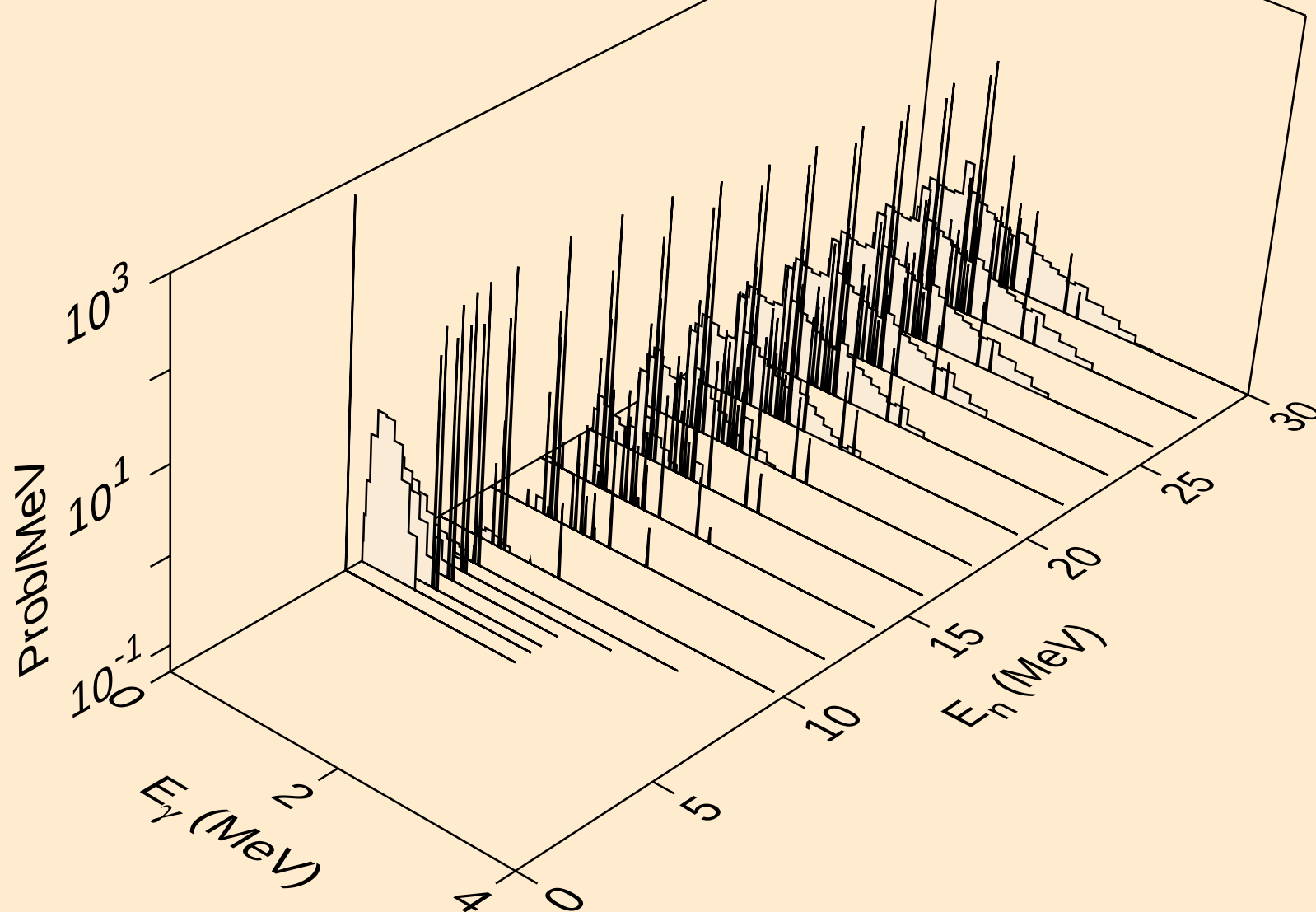
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



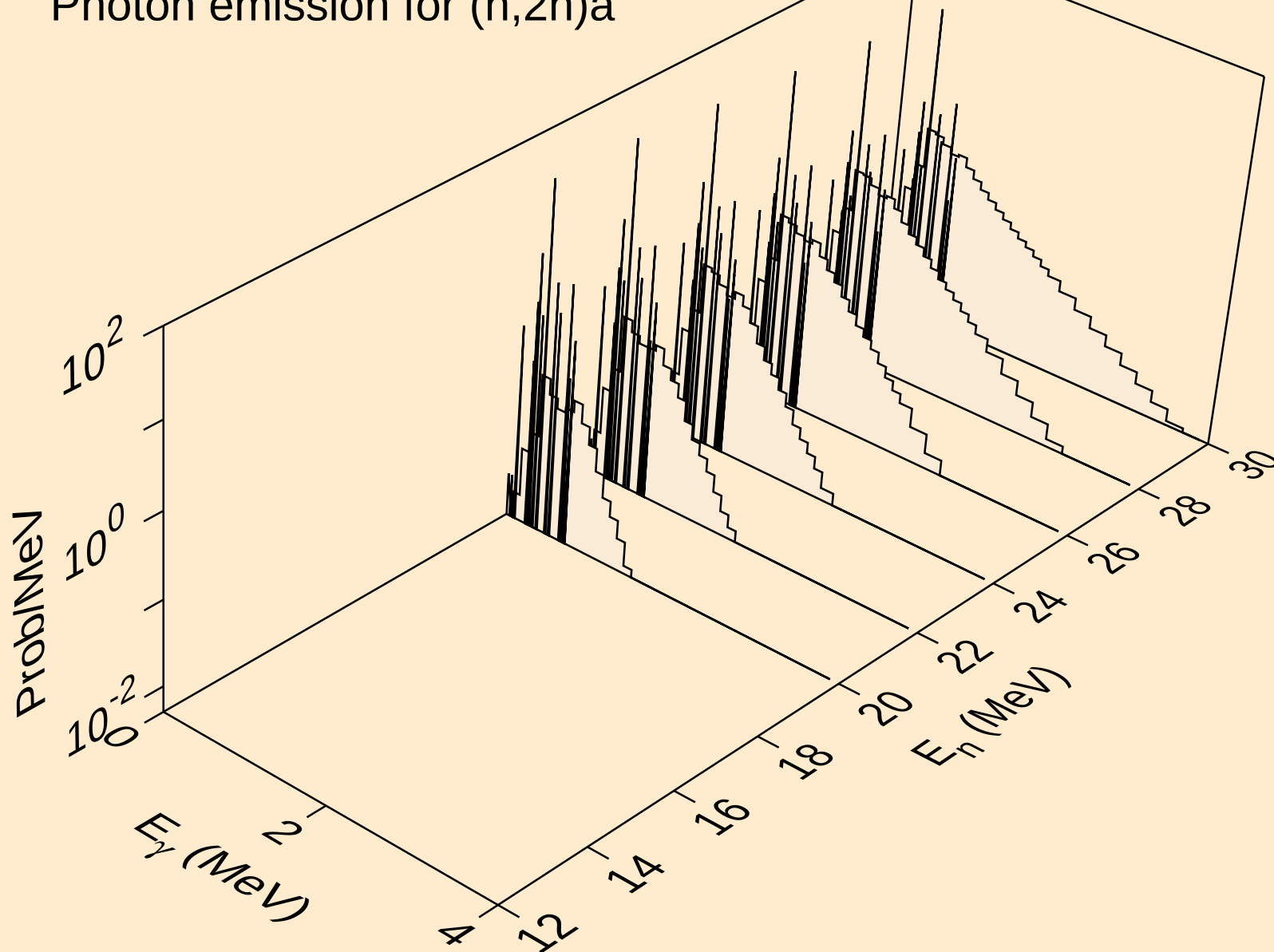
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



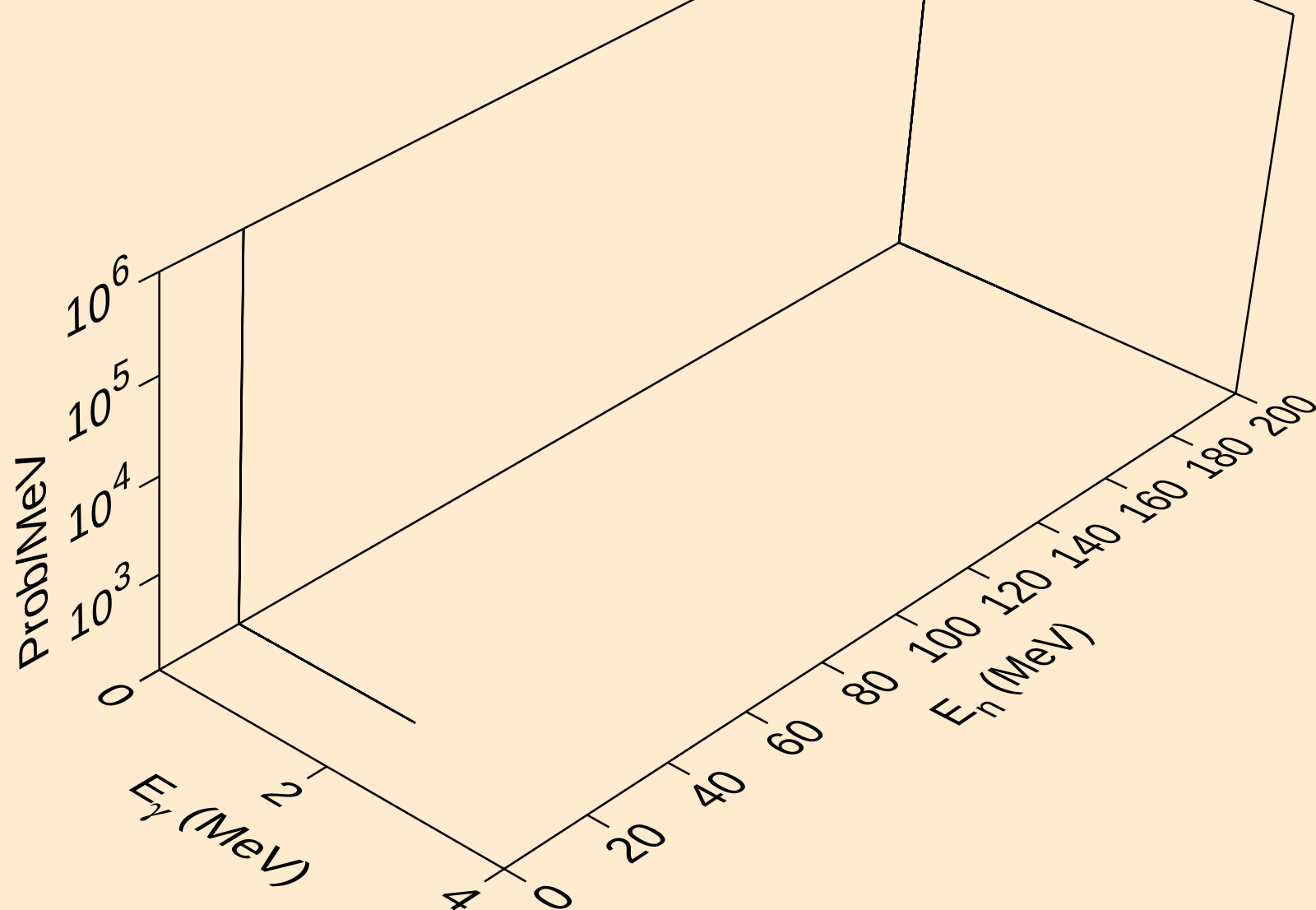
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



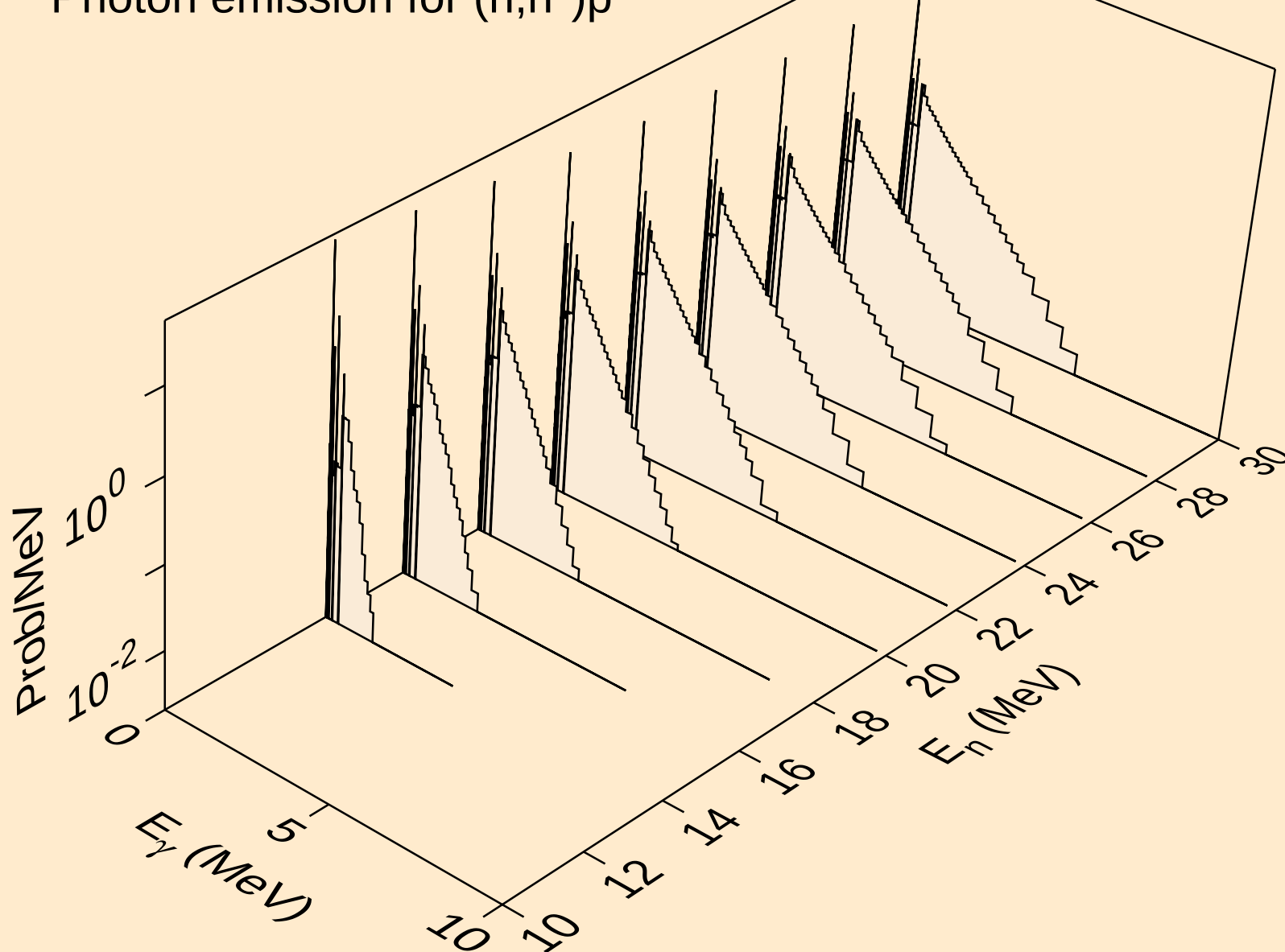
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



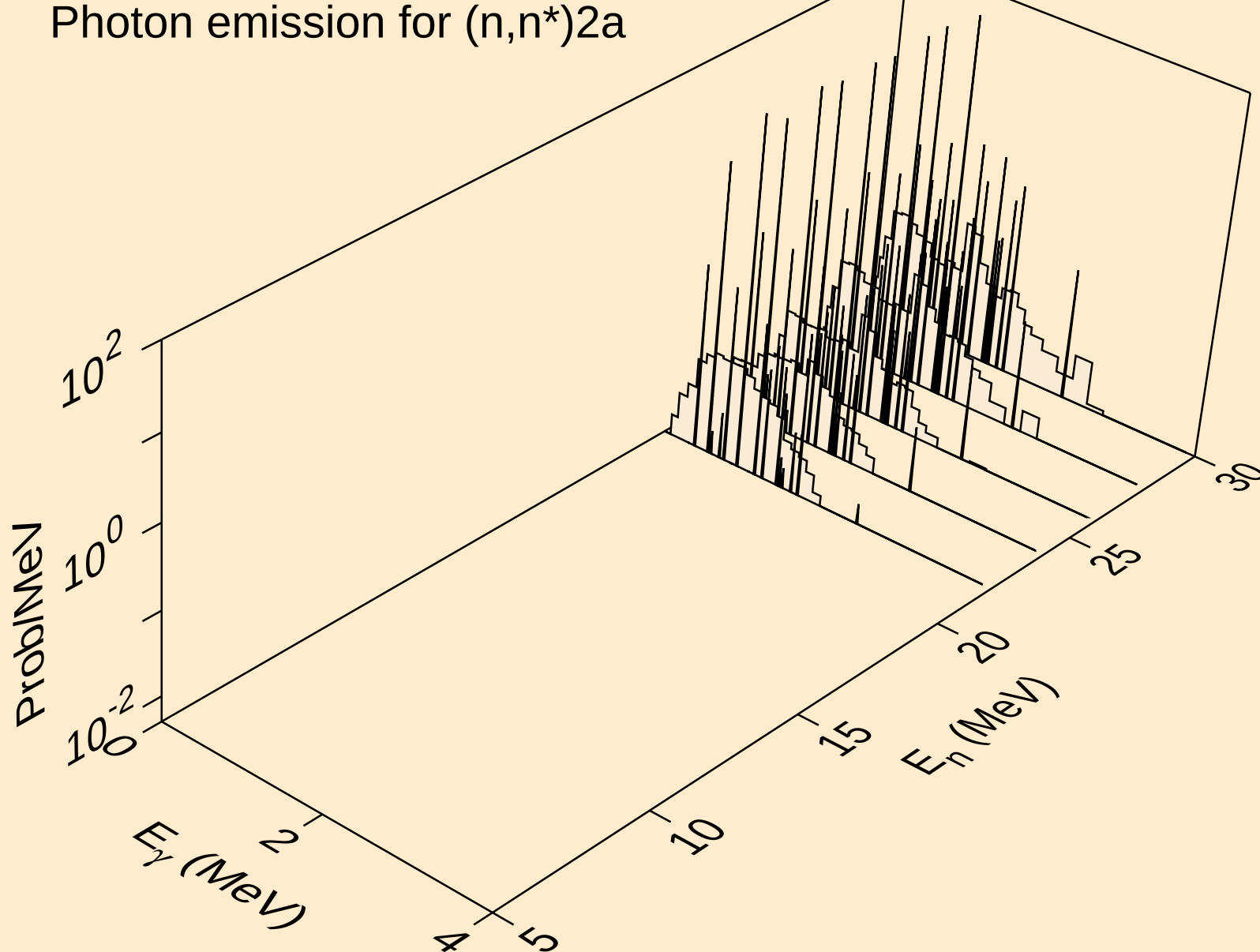
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n) α



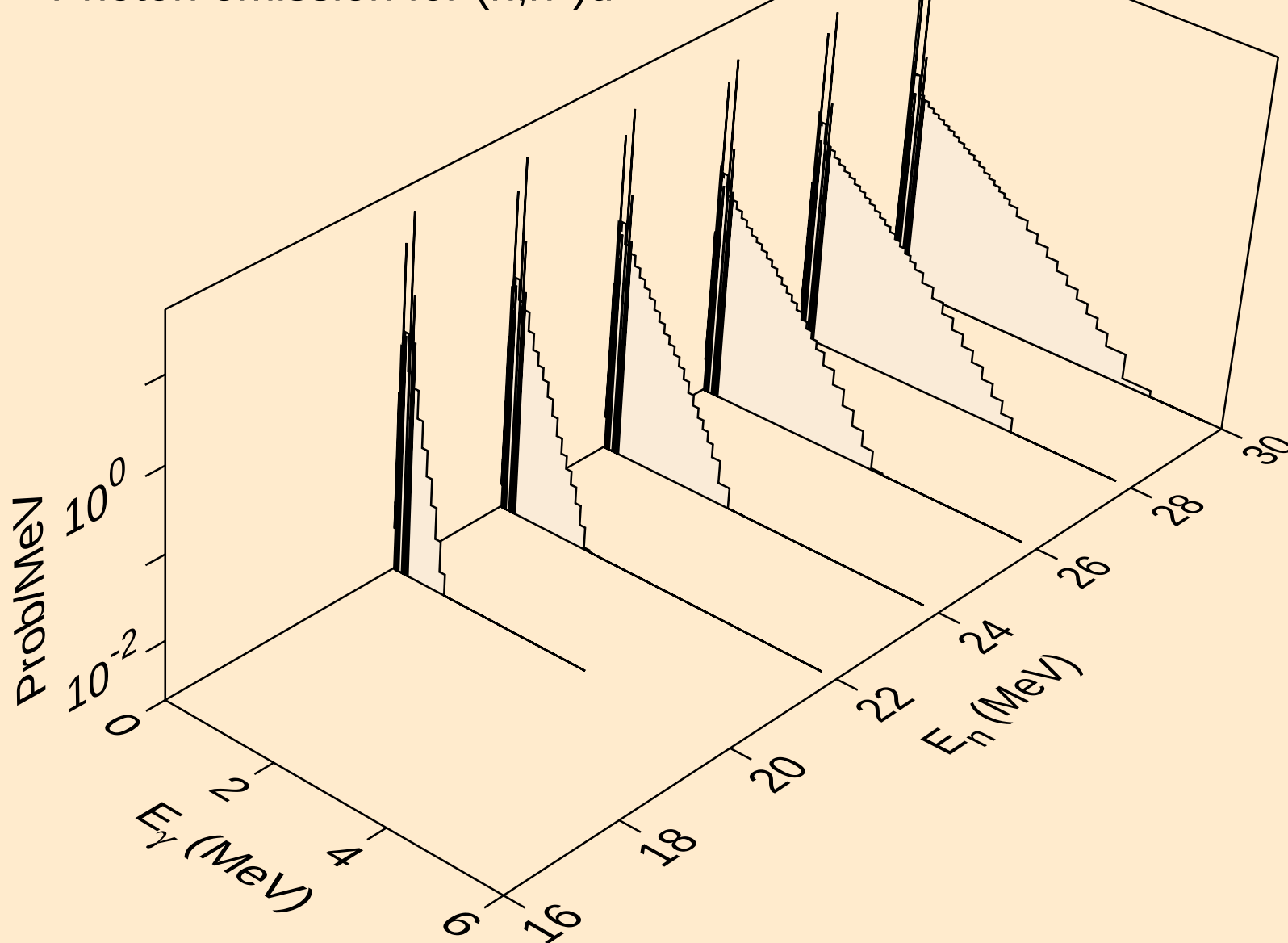
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



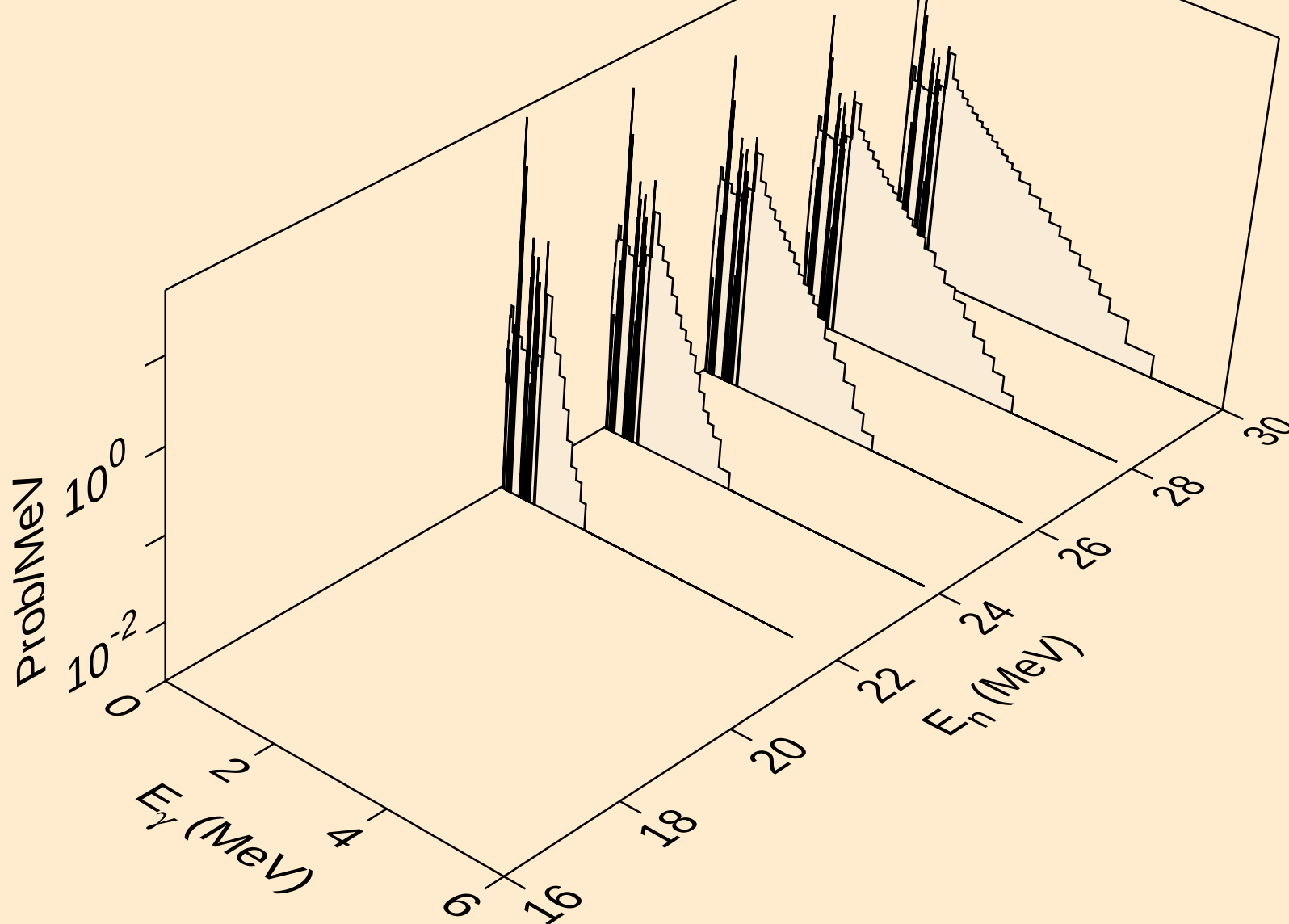
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



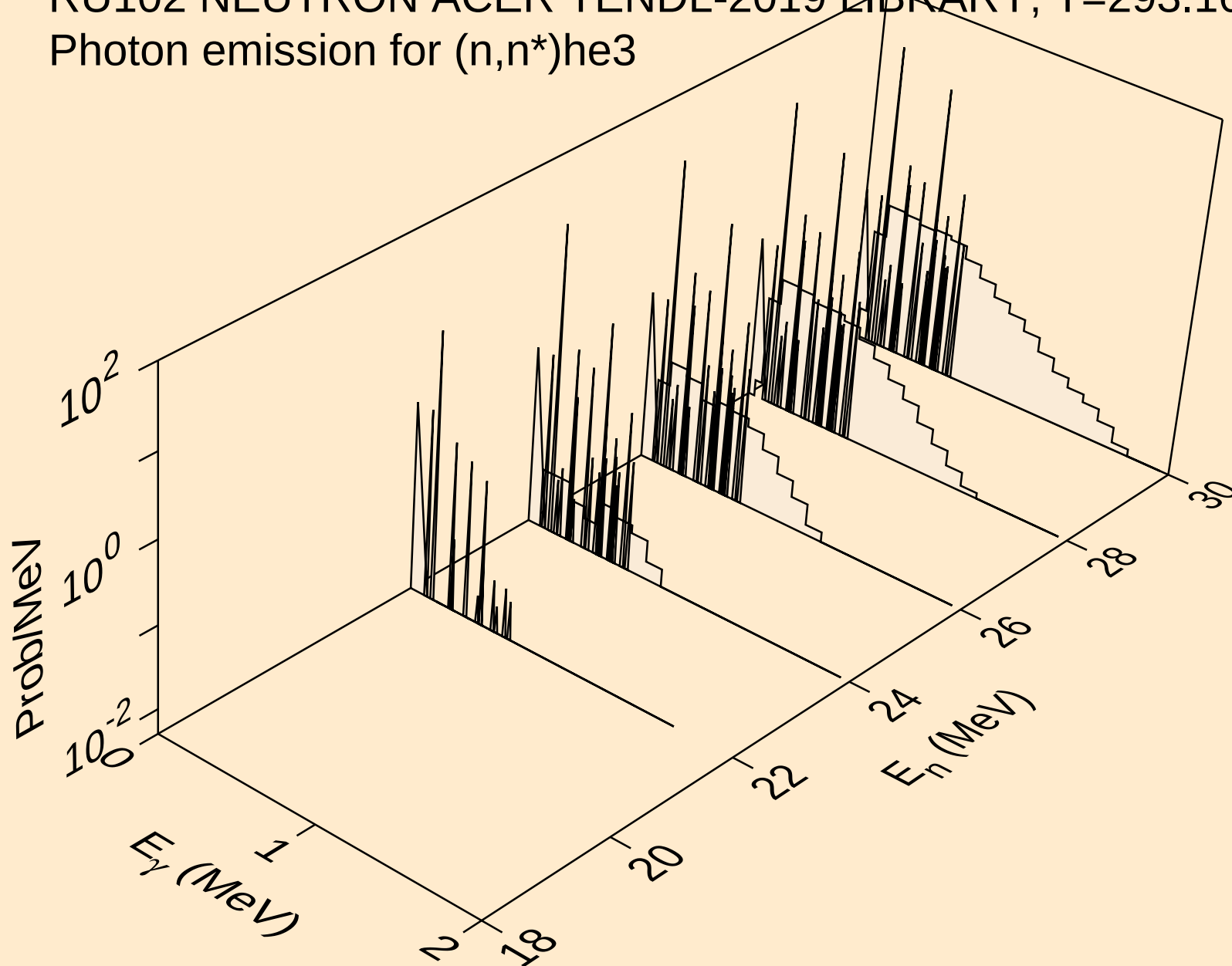
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



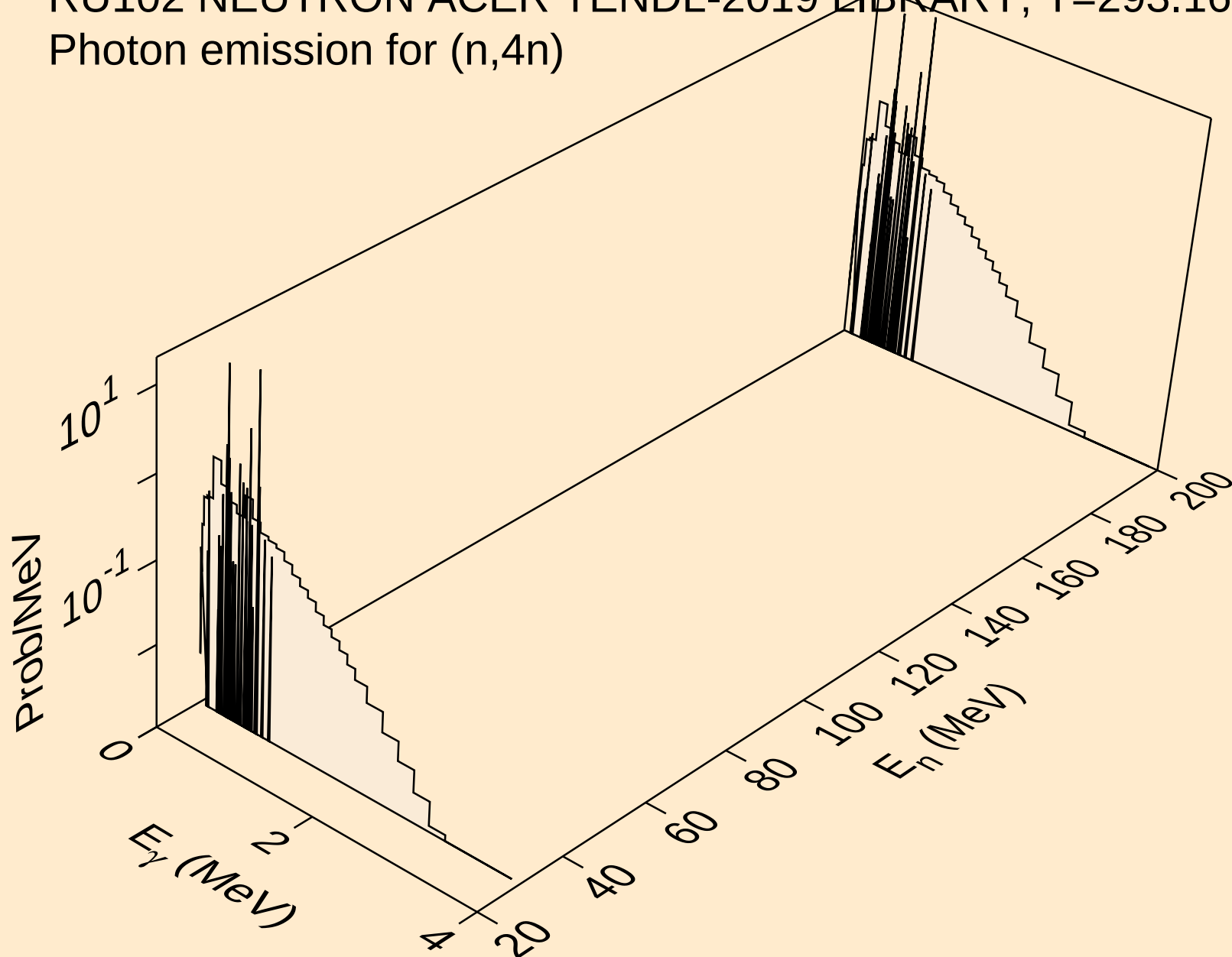
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



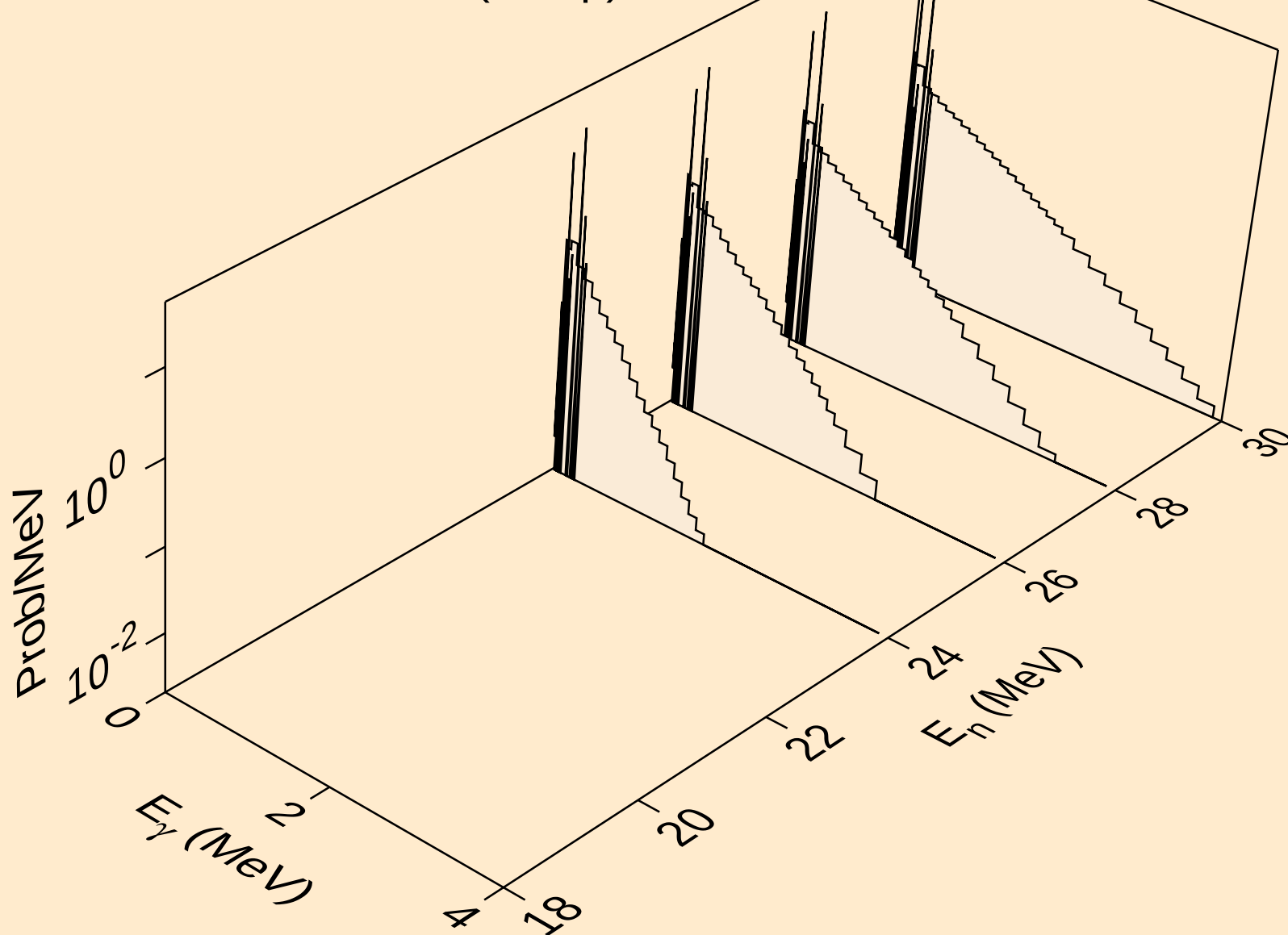
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



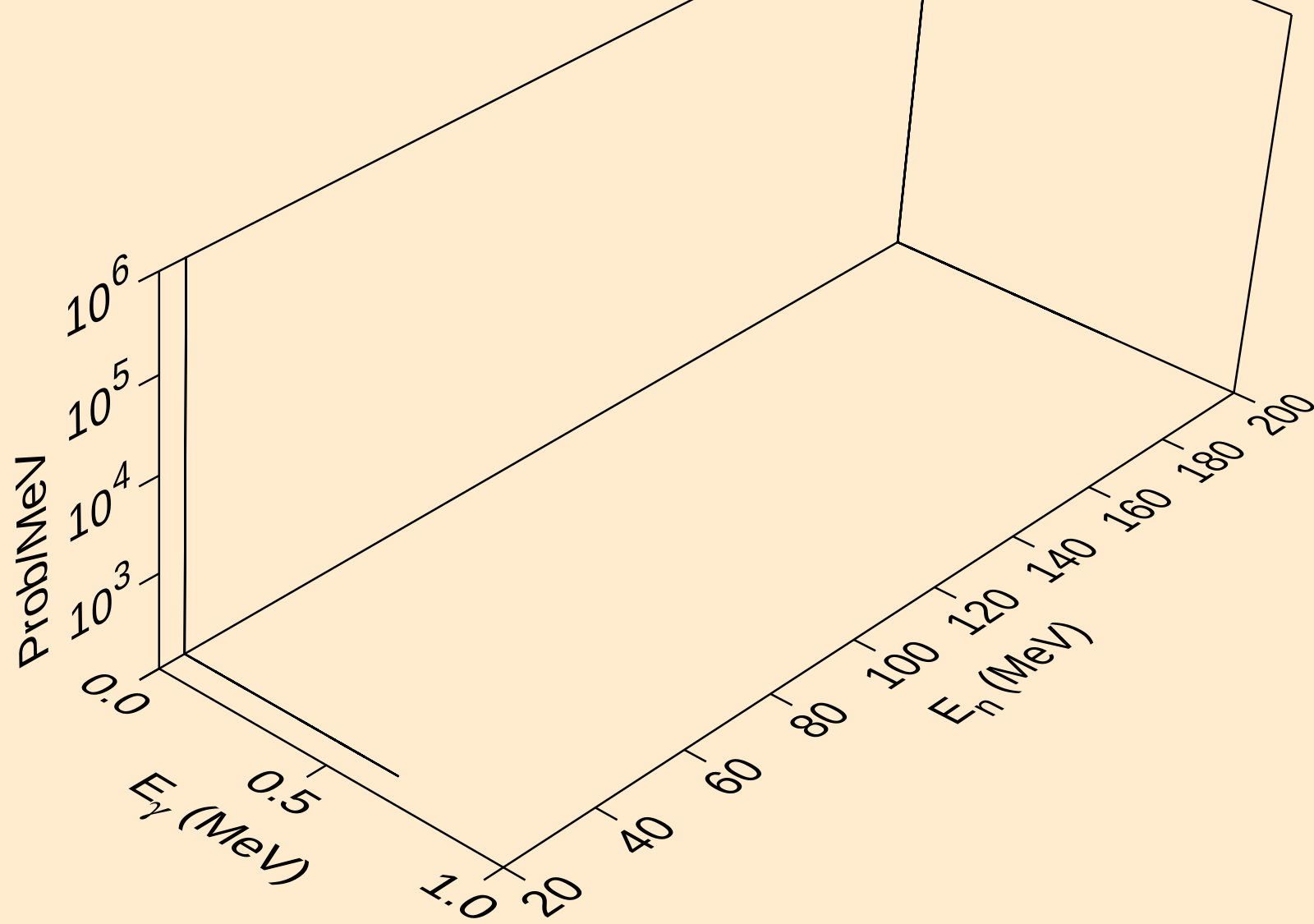
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



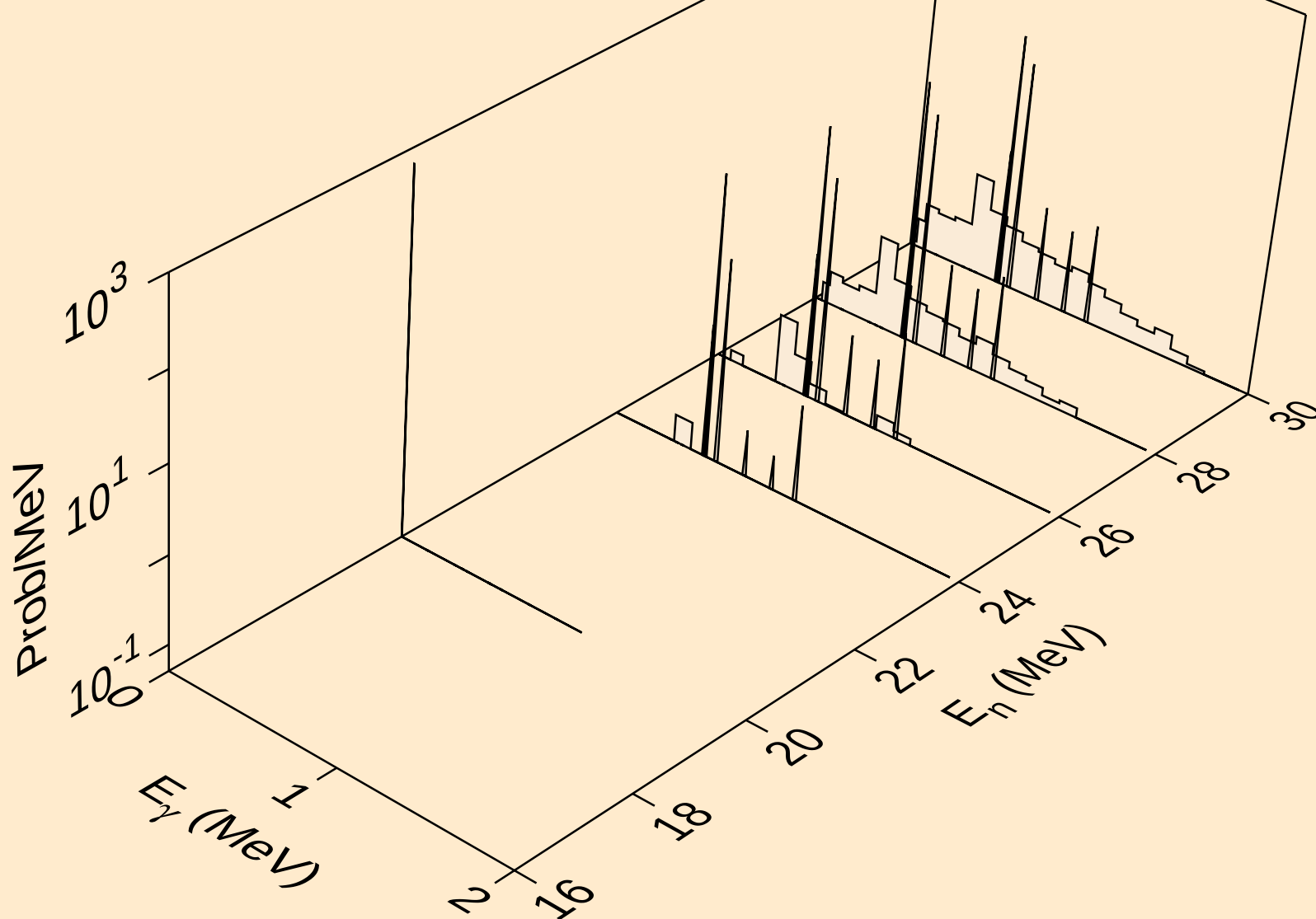
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



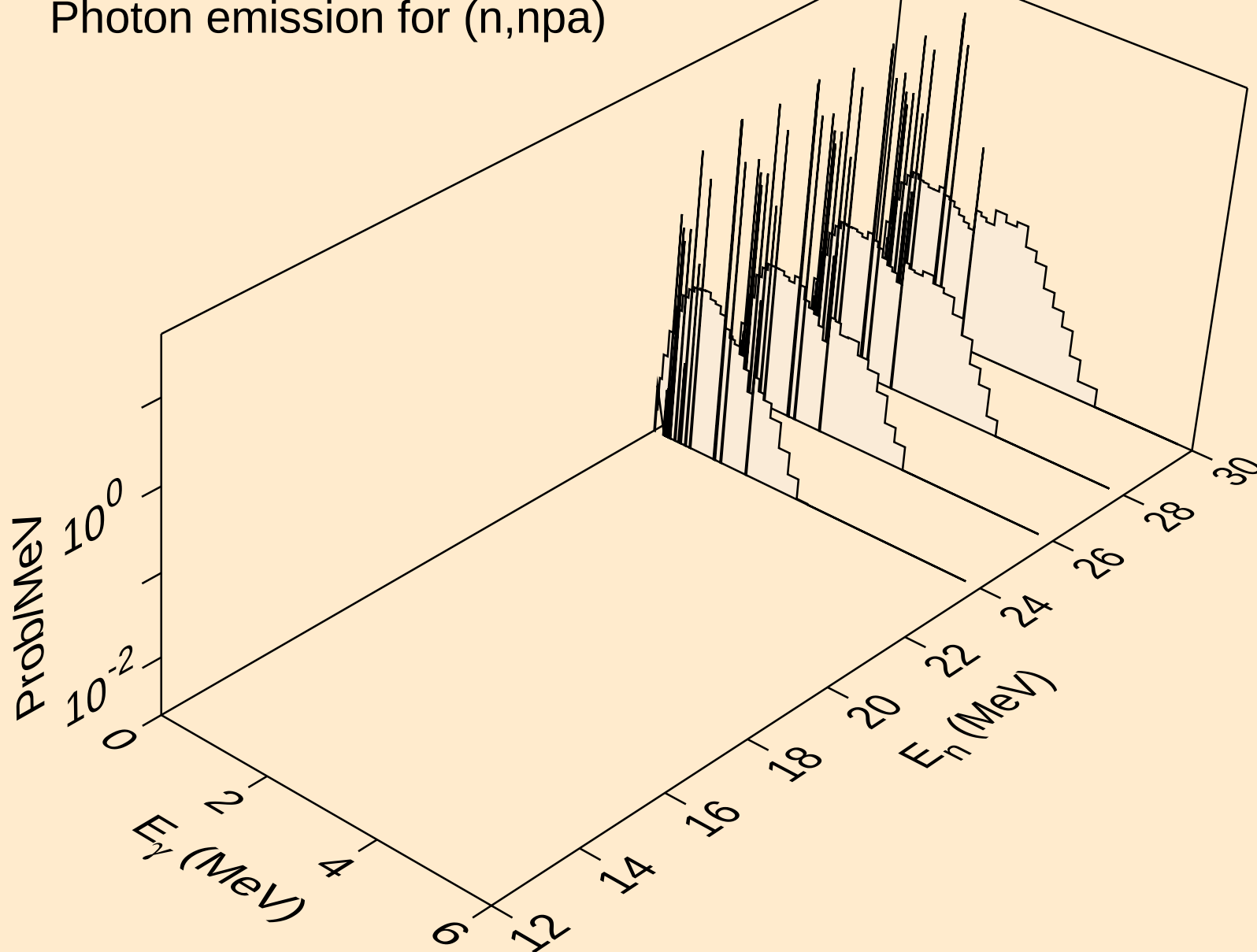
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



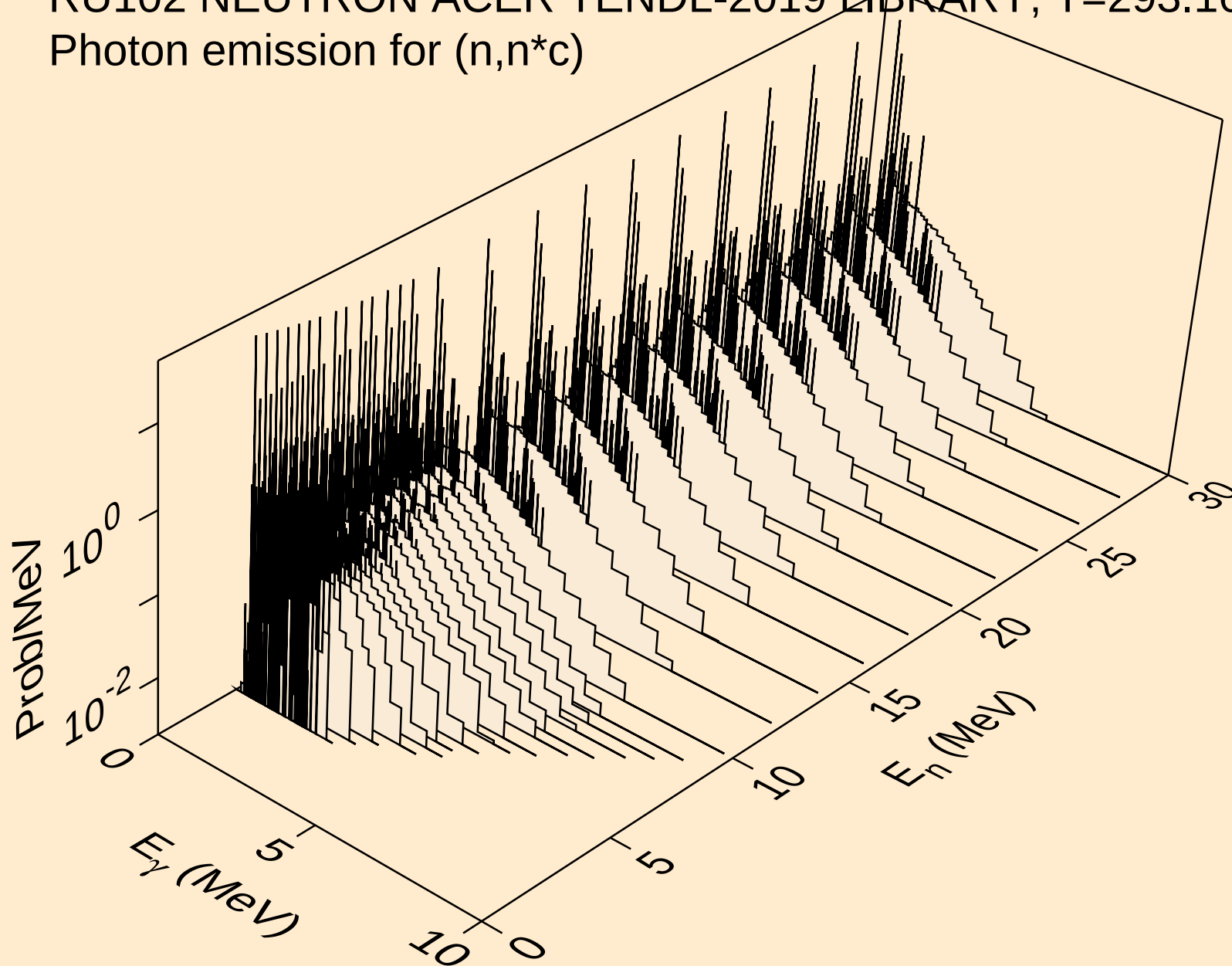
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



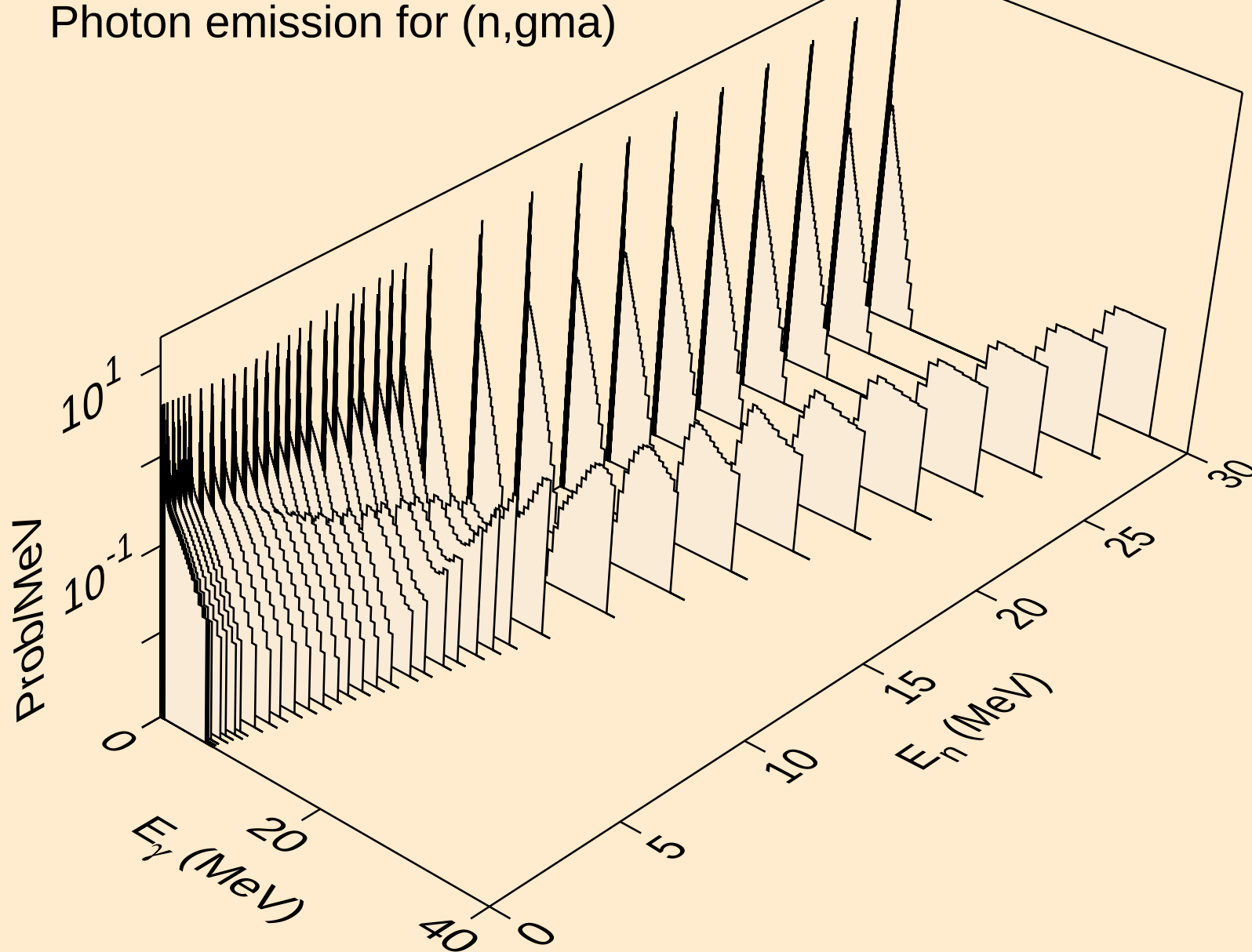
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Photon emission for (n,npa)



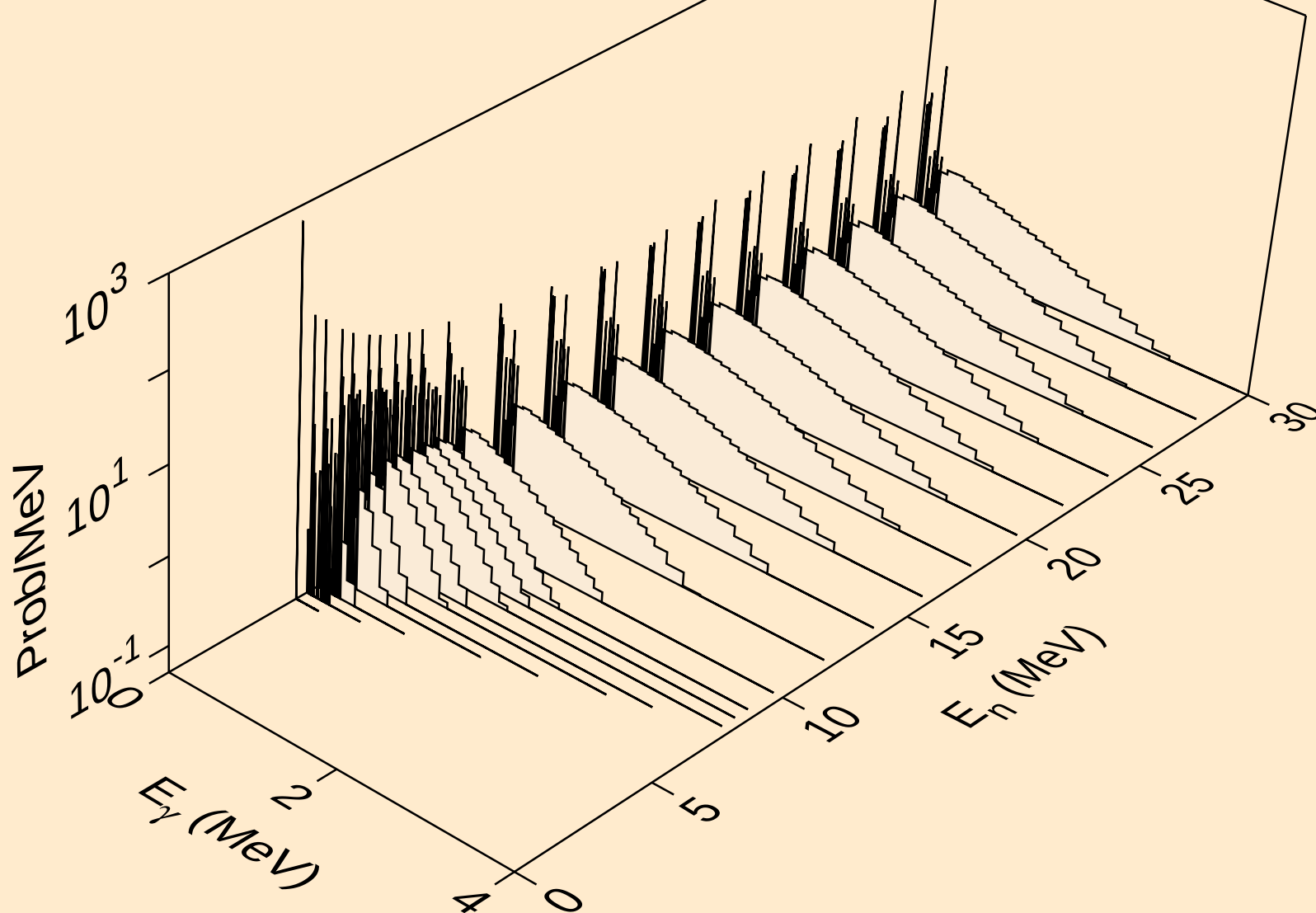
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



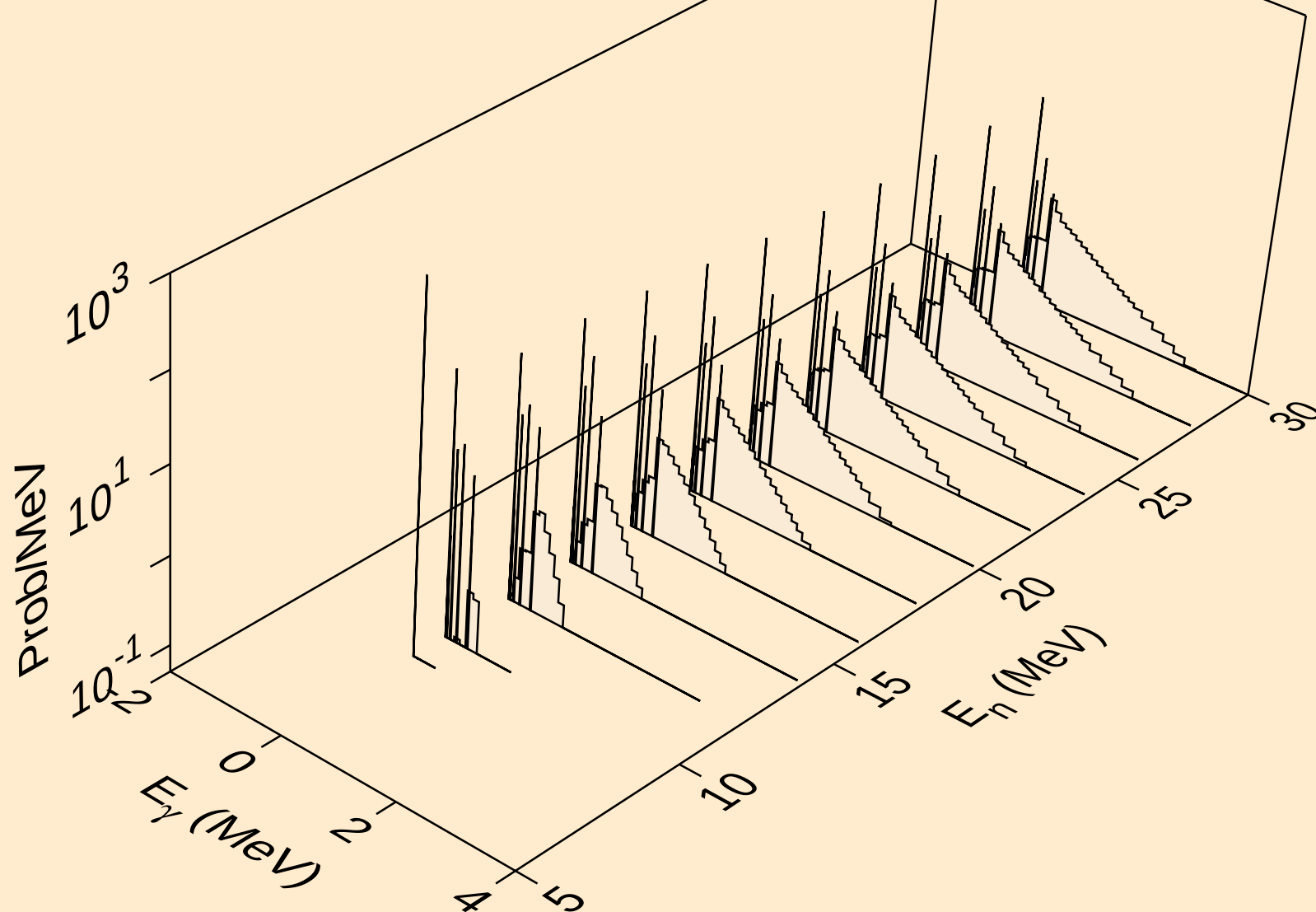
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



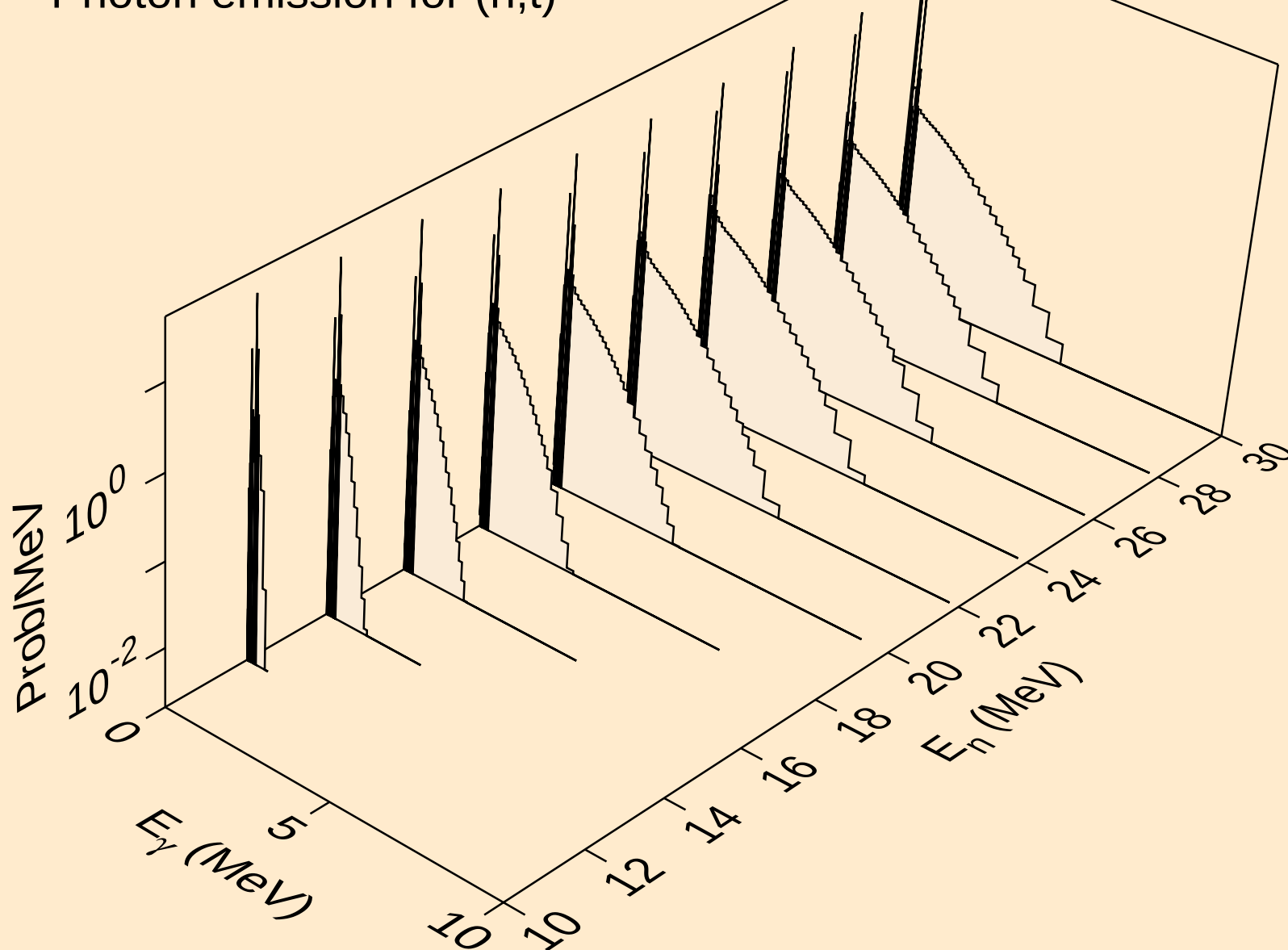
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



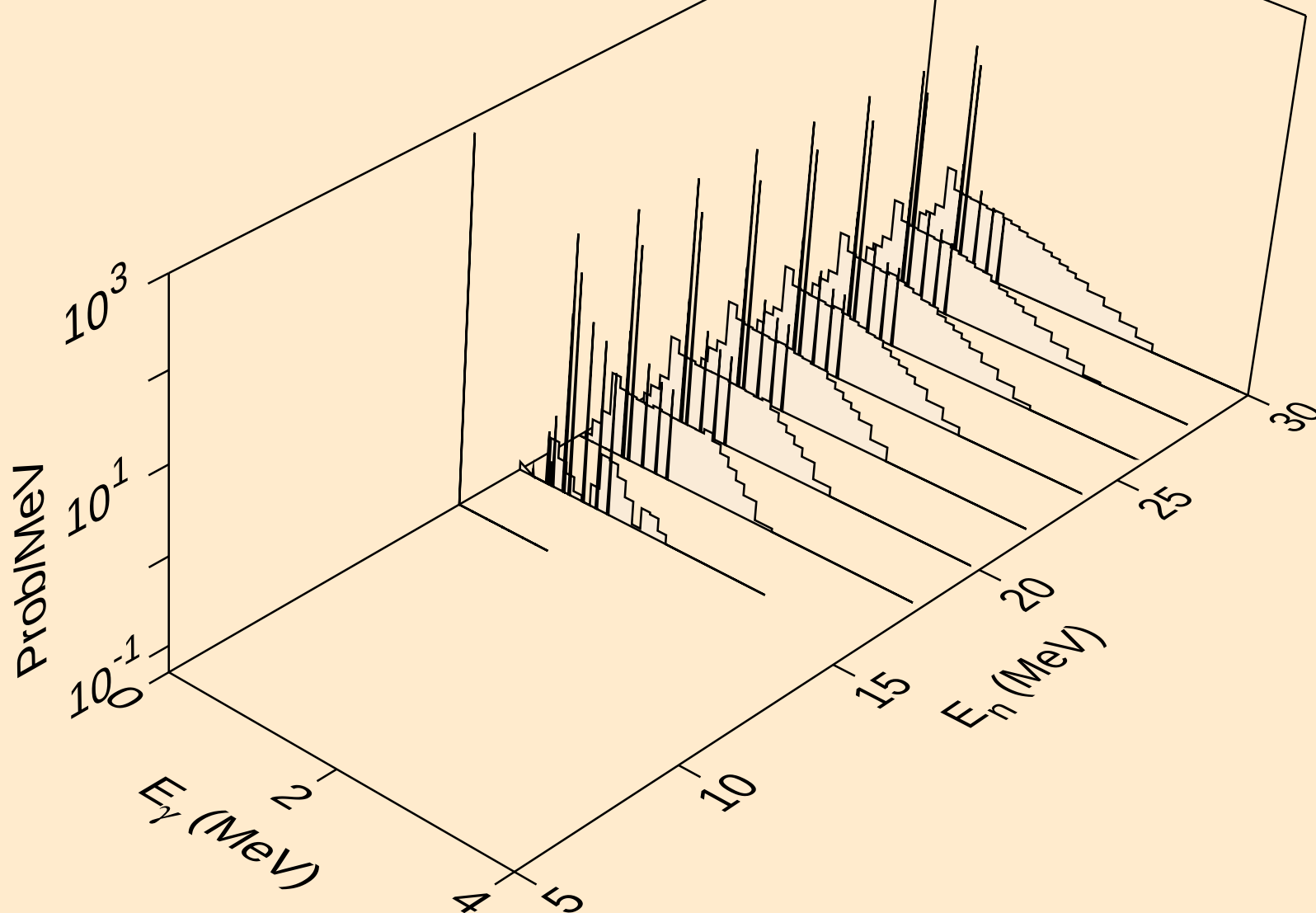
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



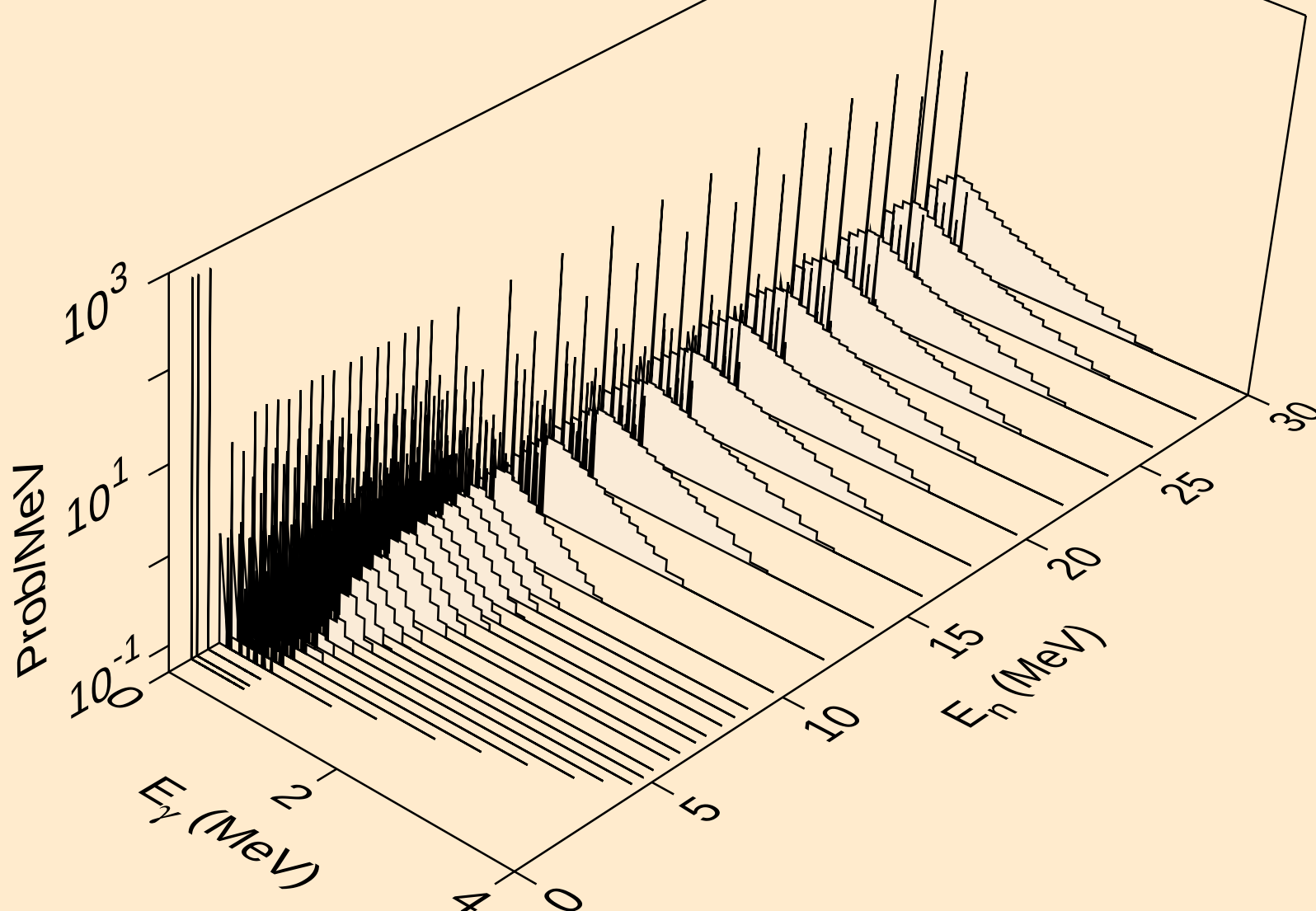
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



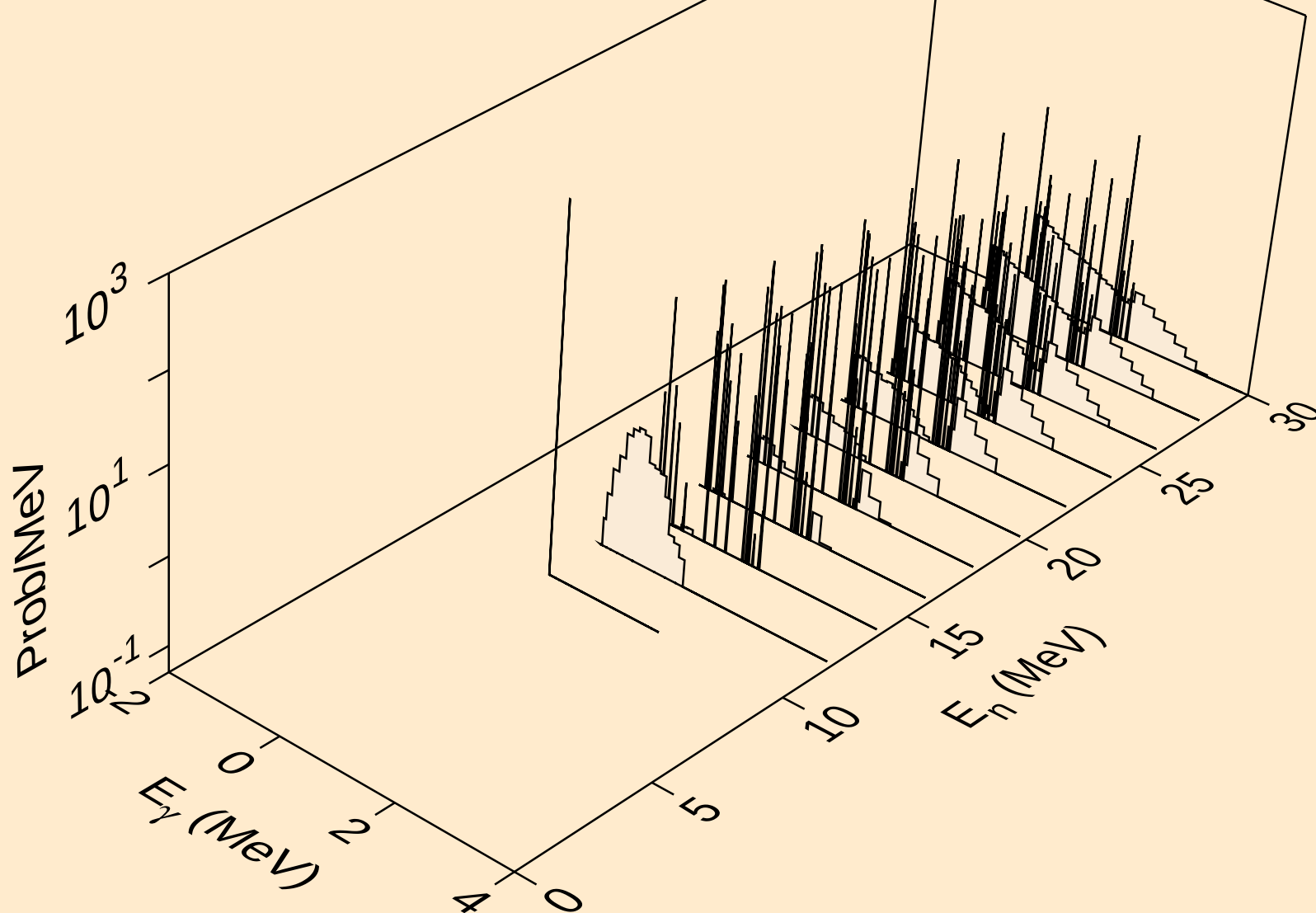
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



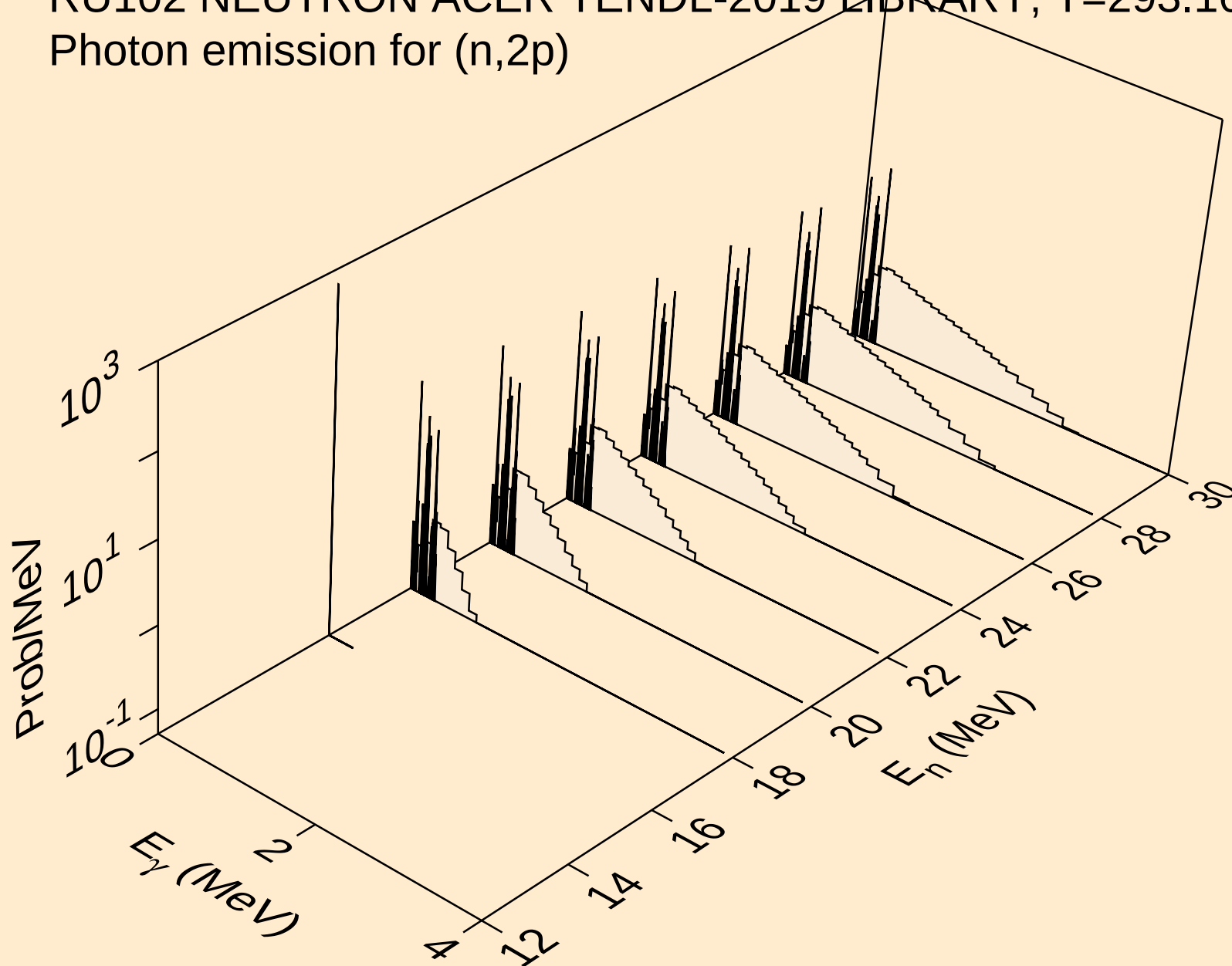
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



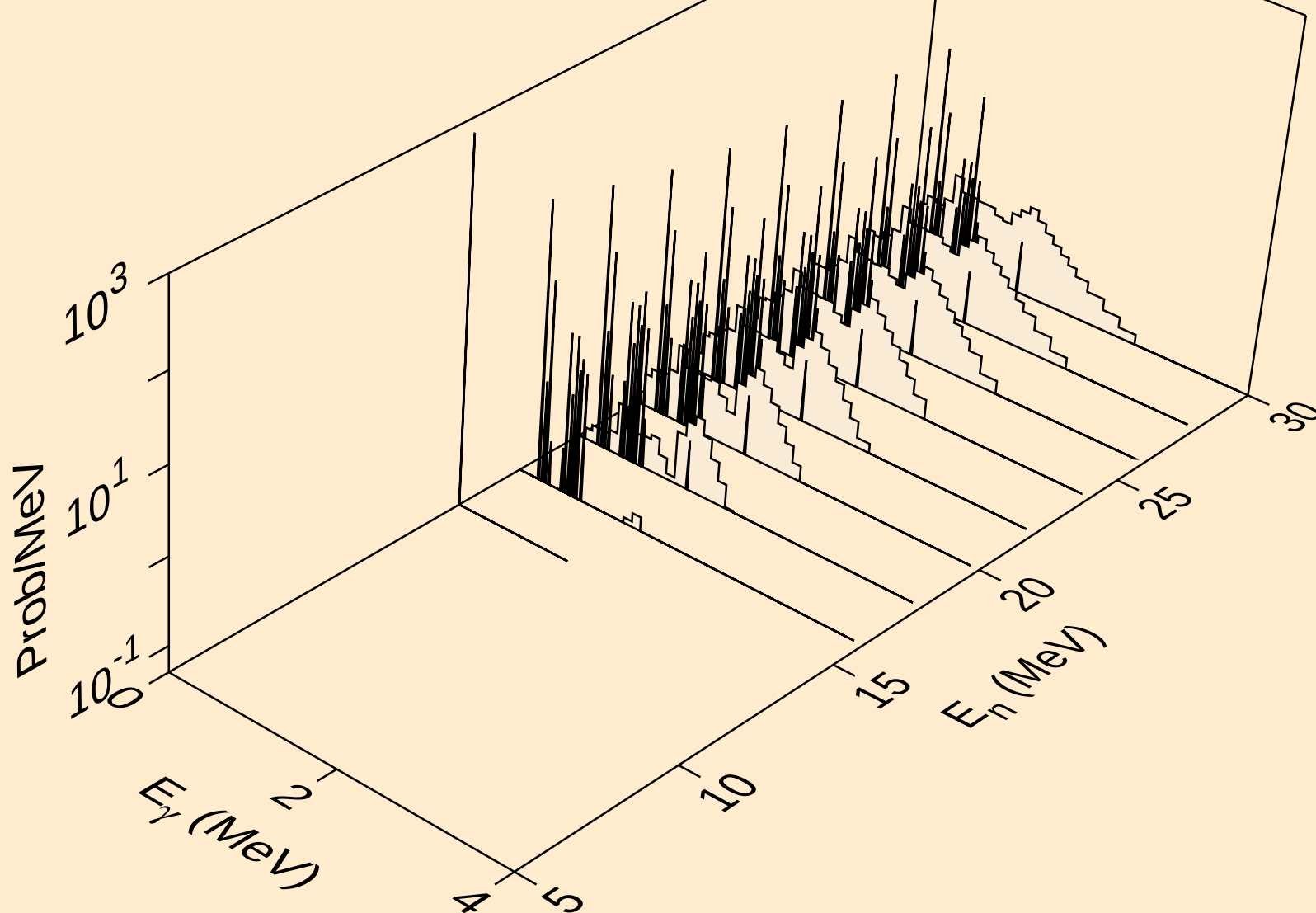
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



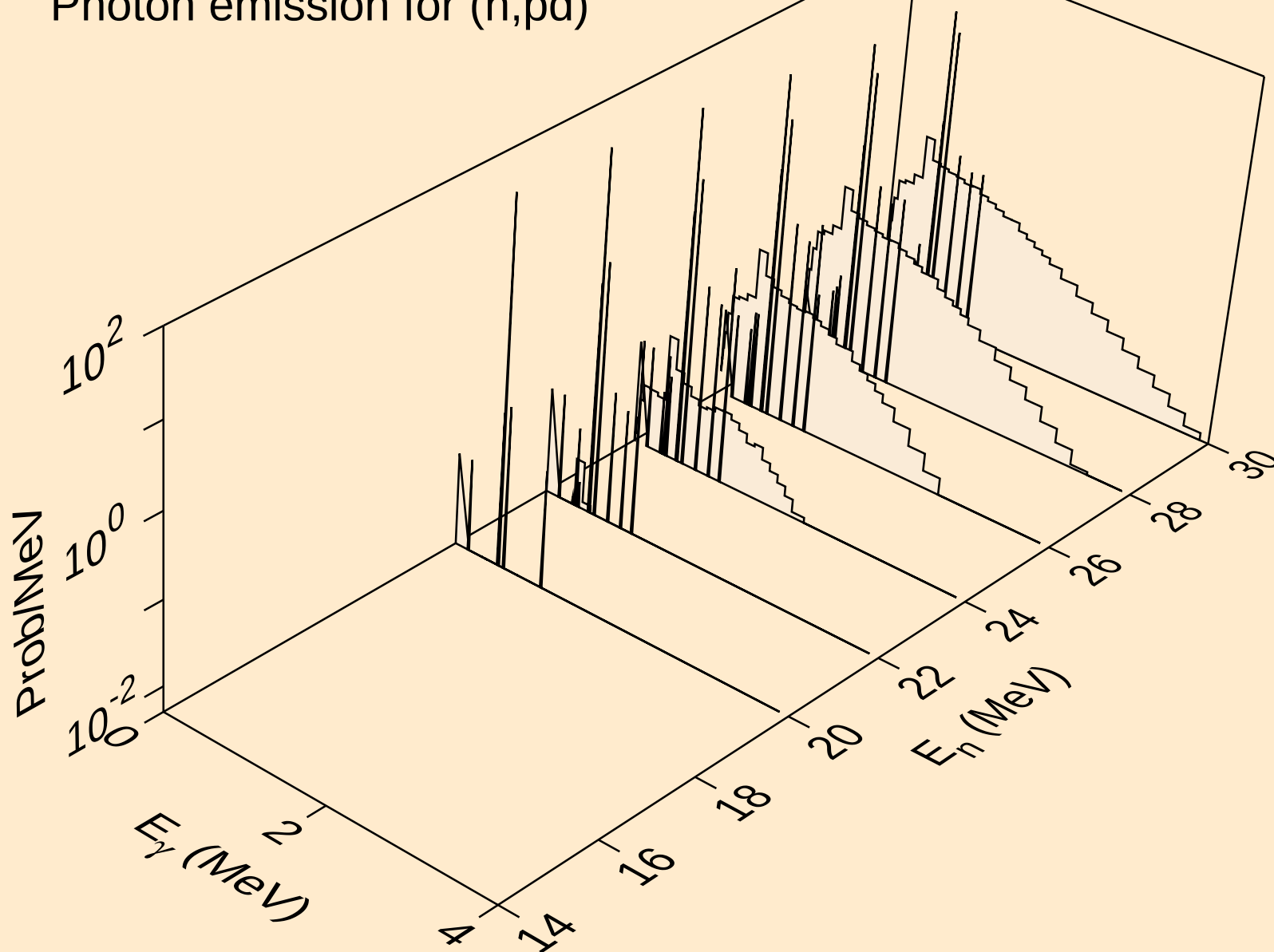
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



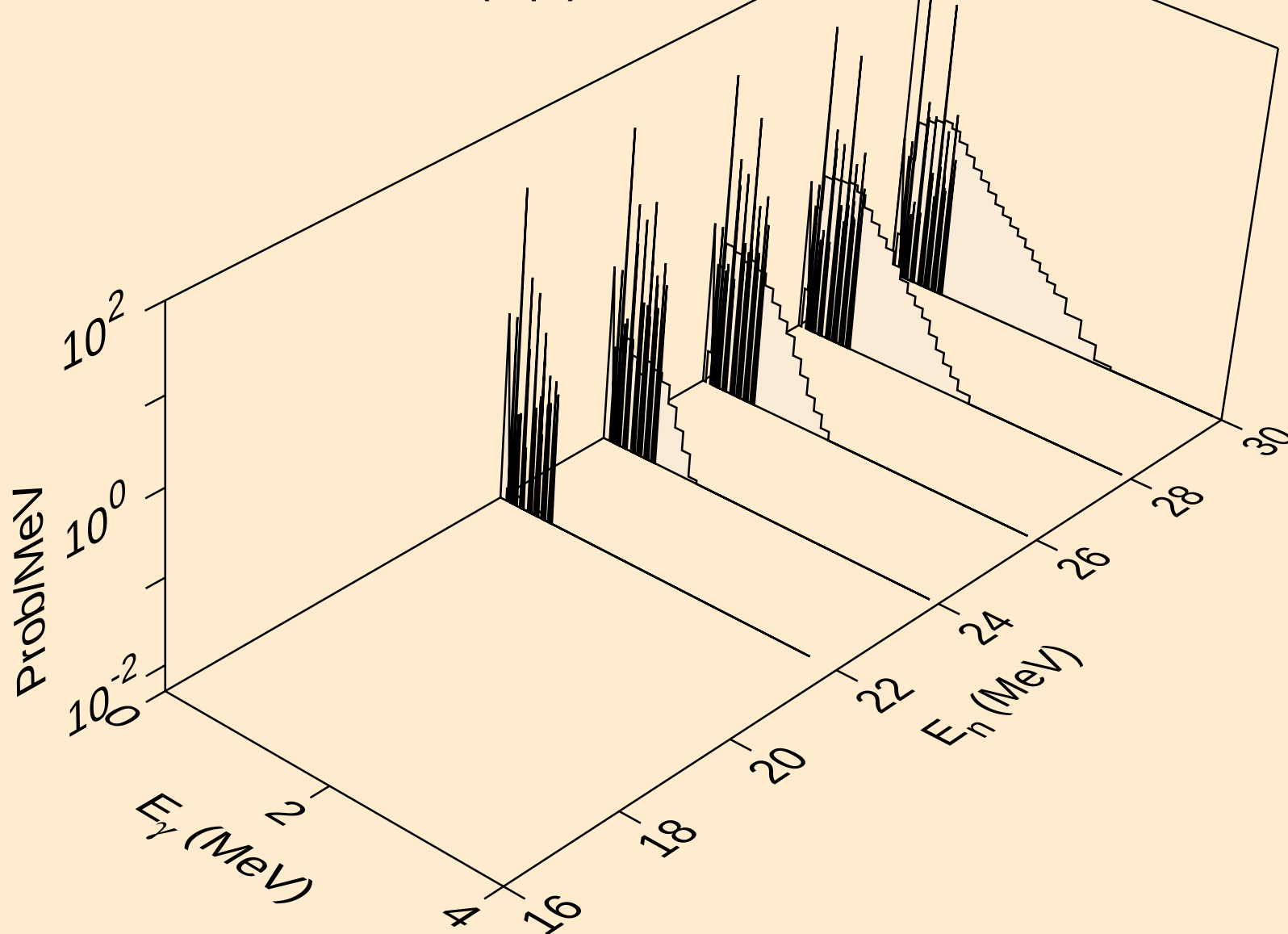
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



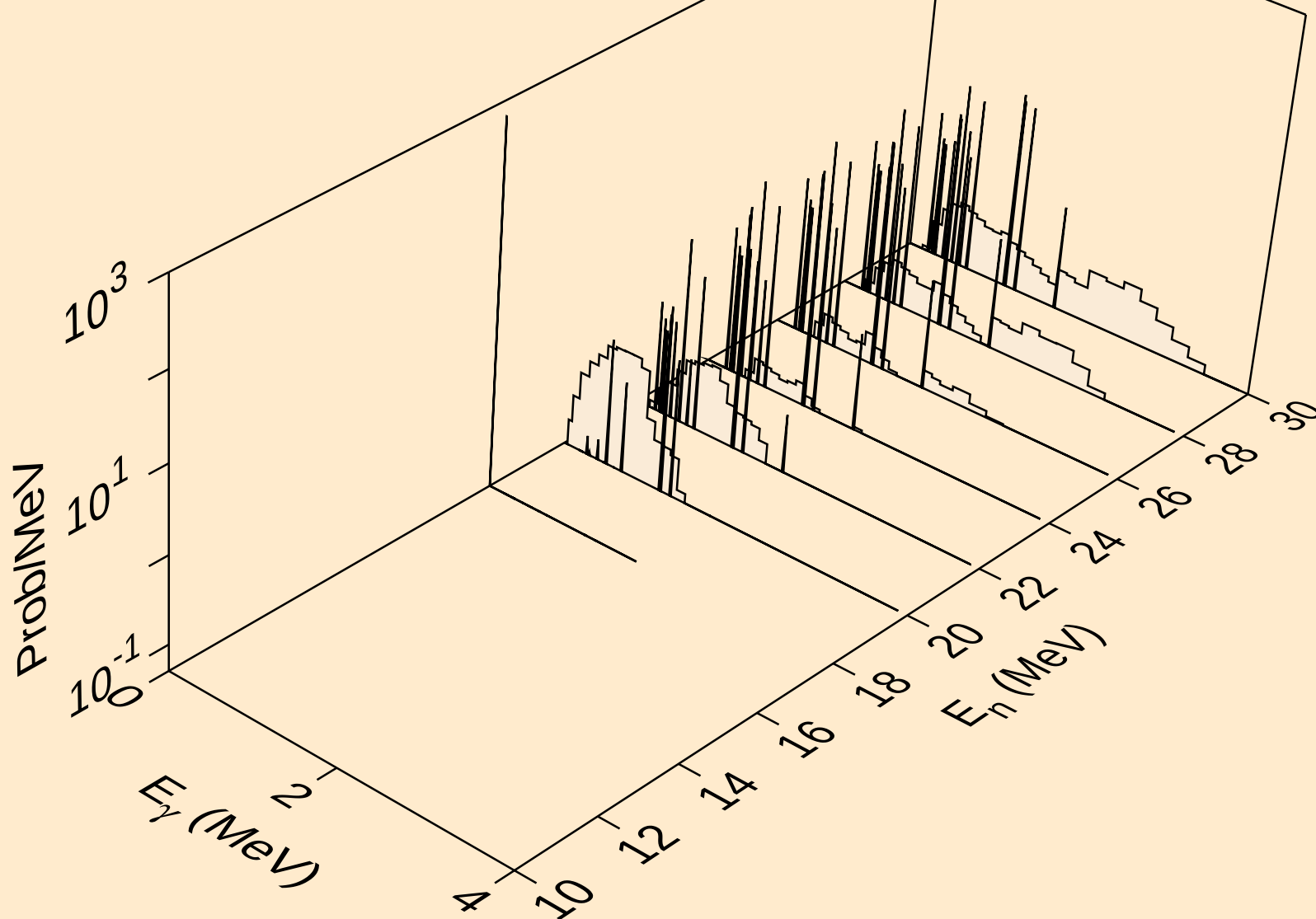
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



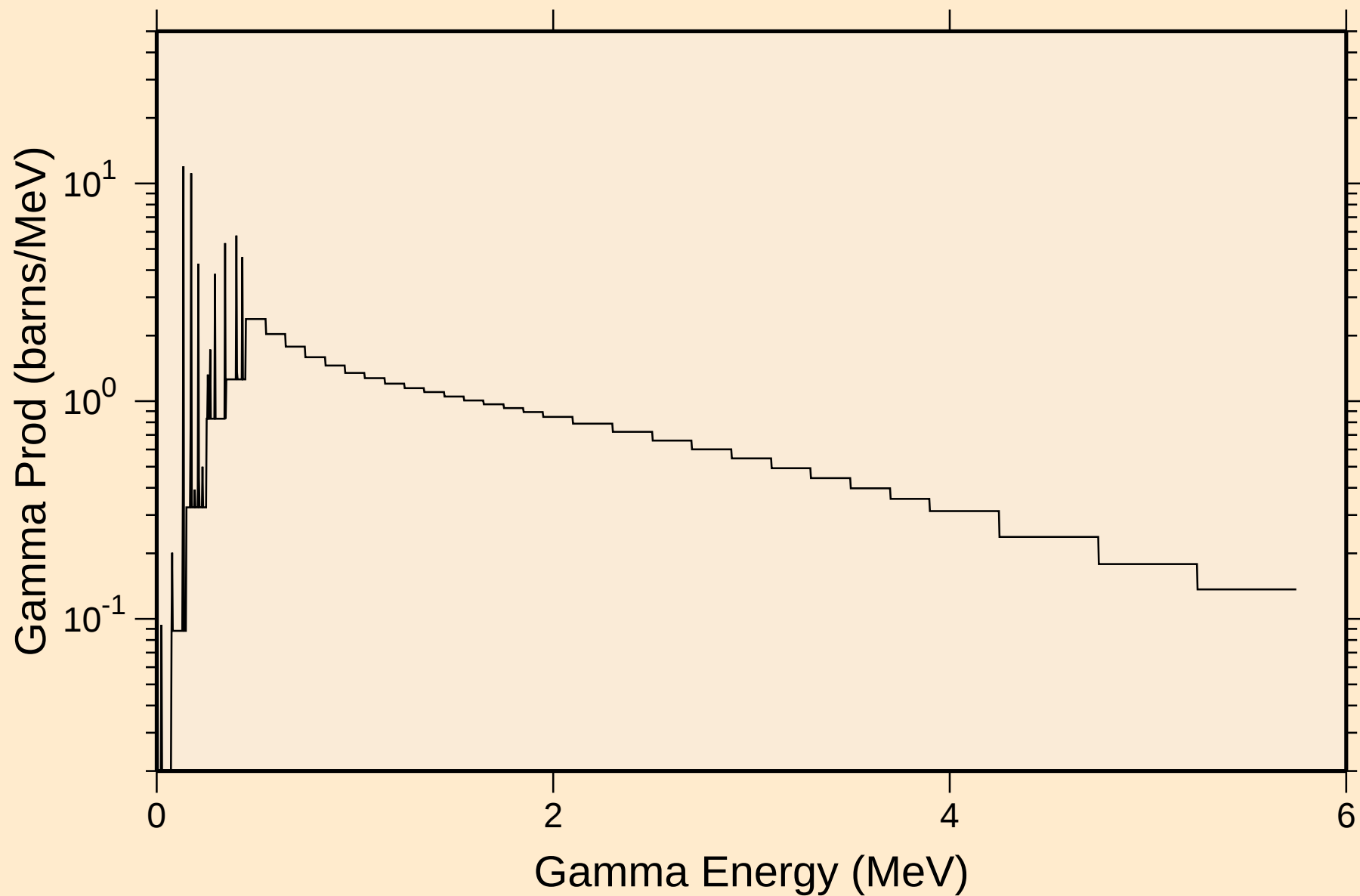
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



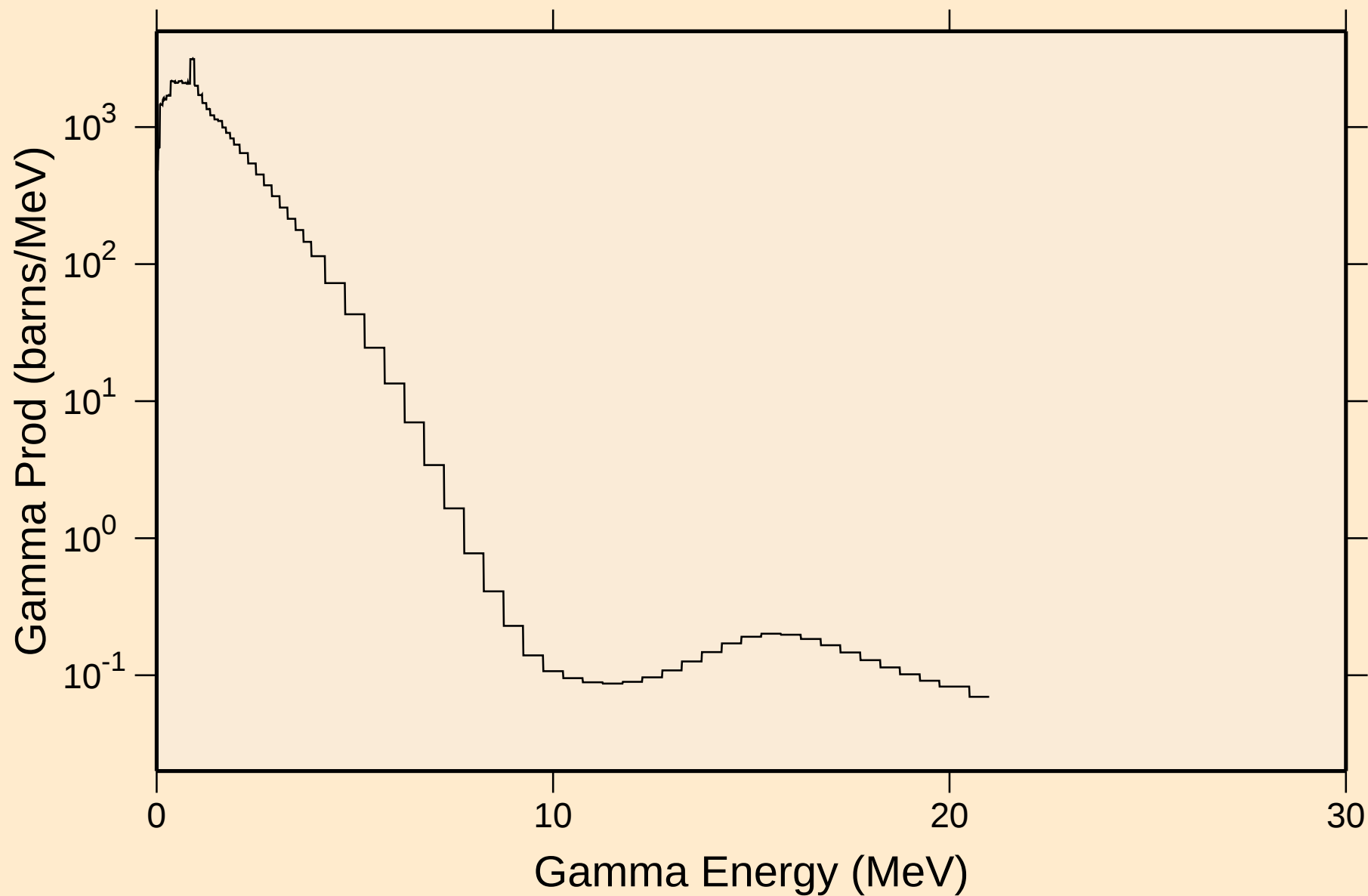
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



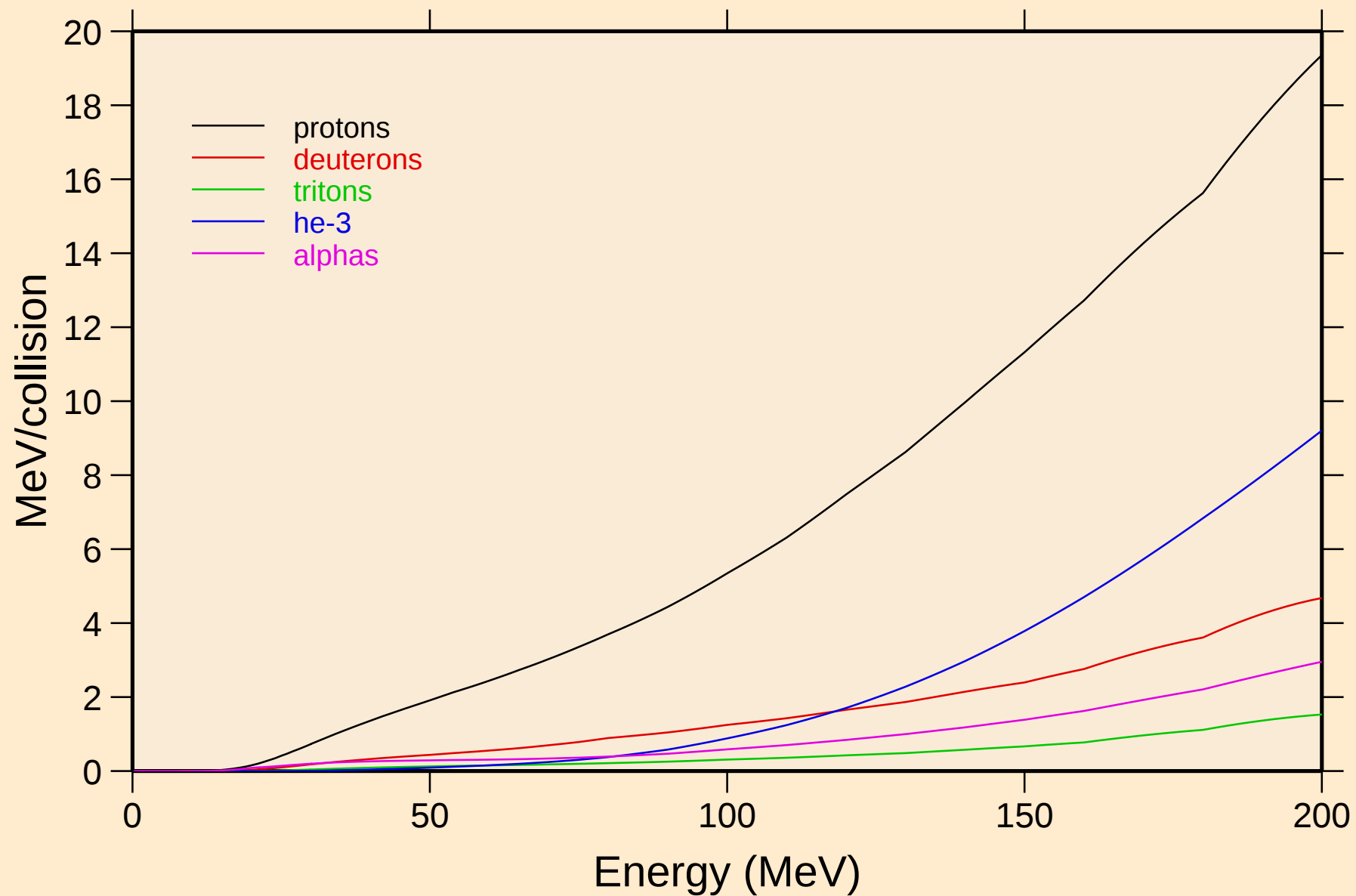
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



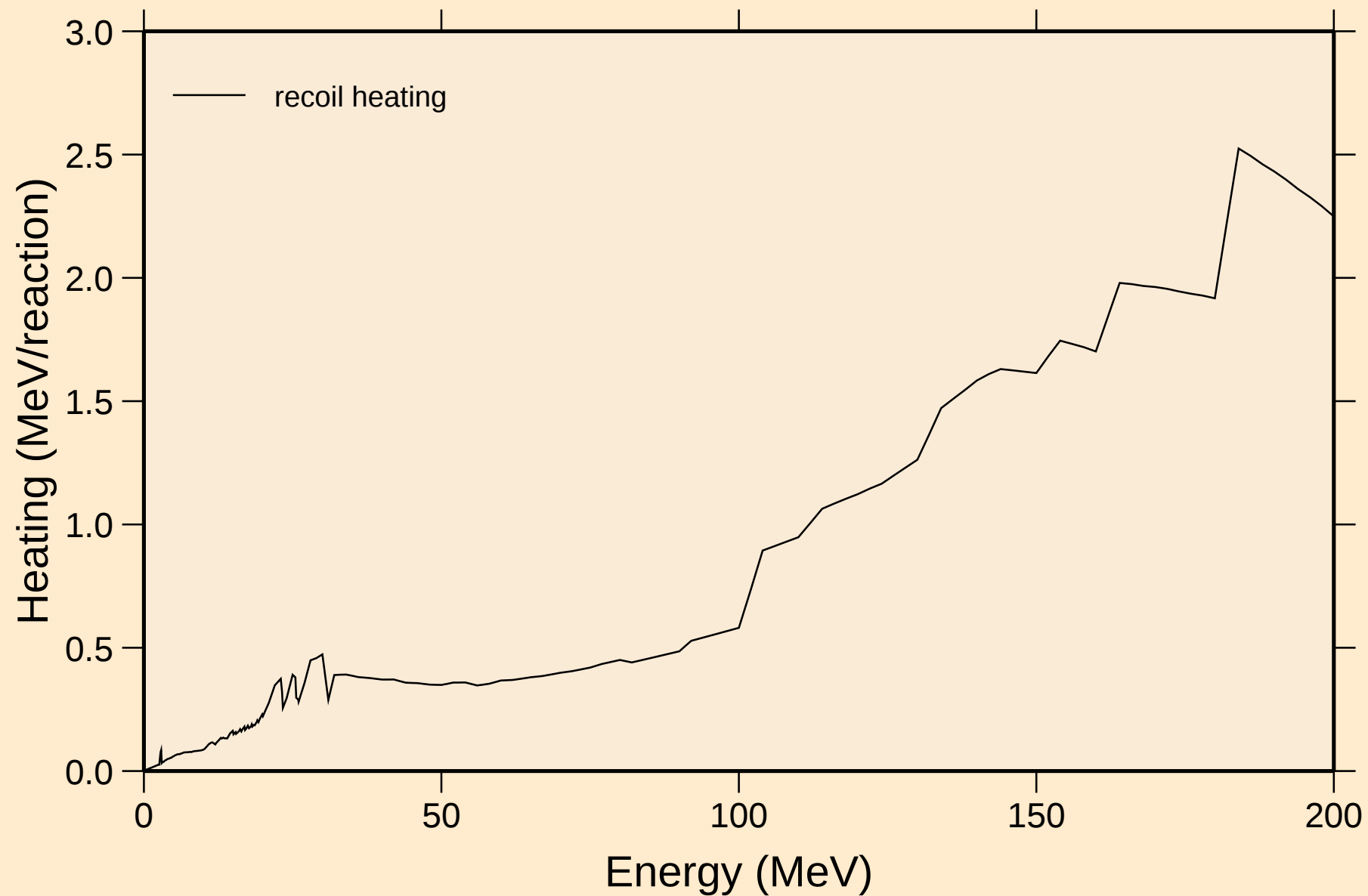
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions

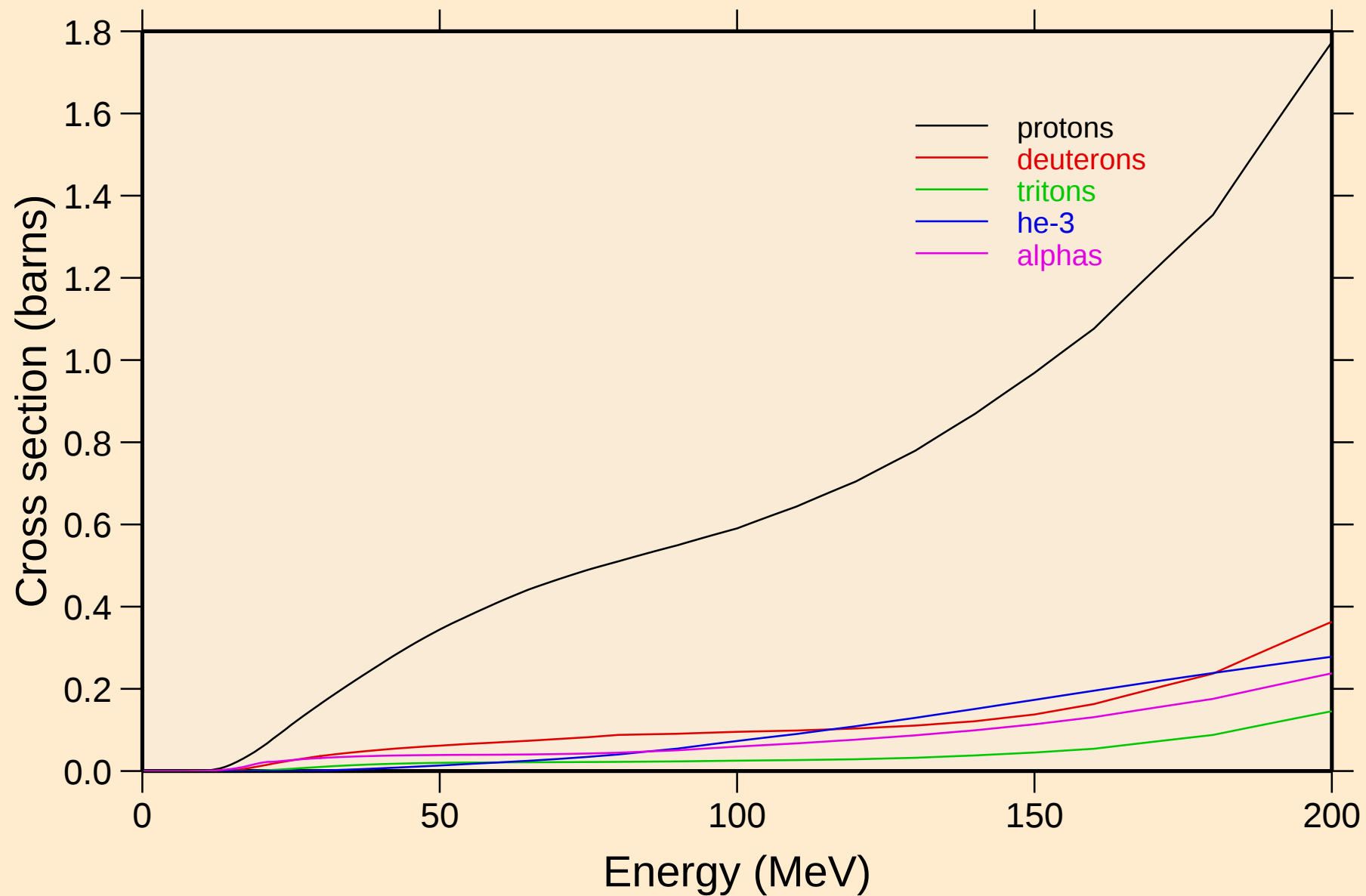


RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

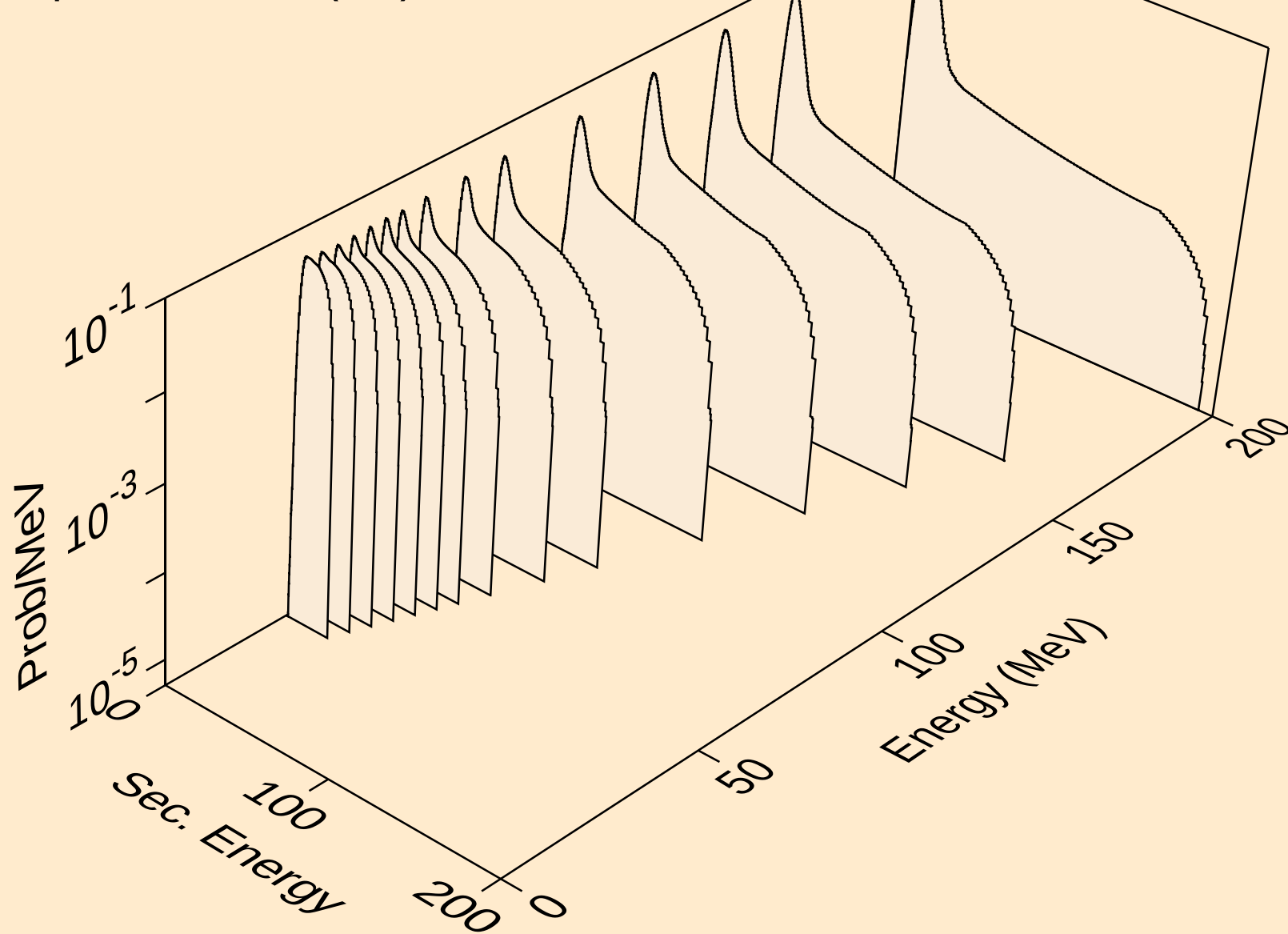


RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

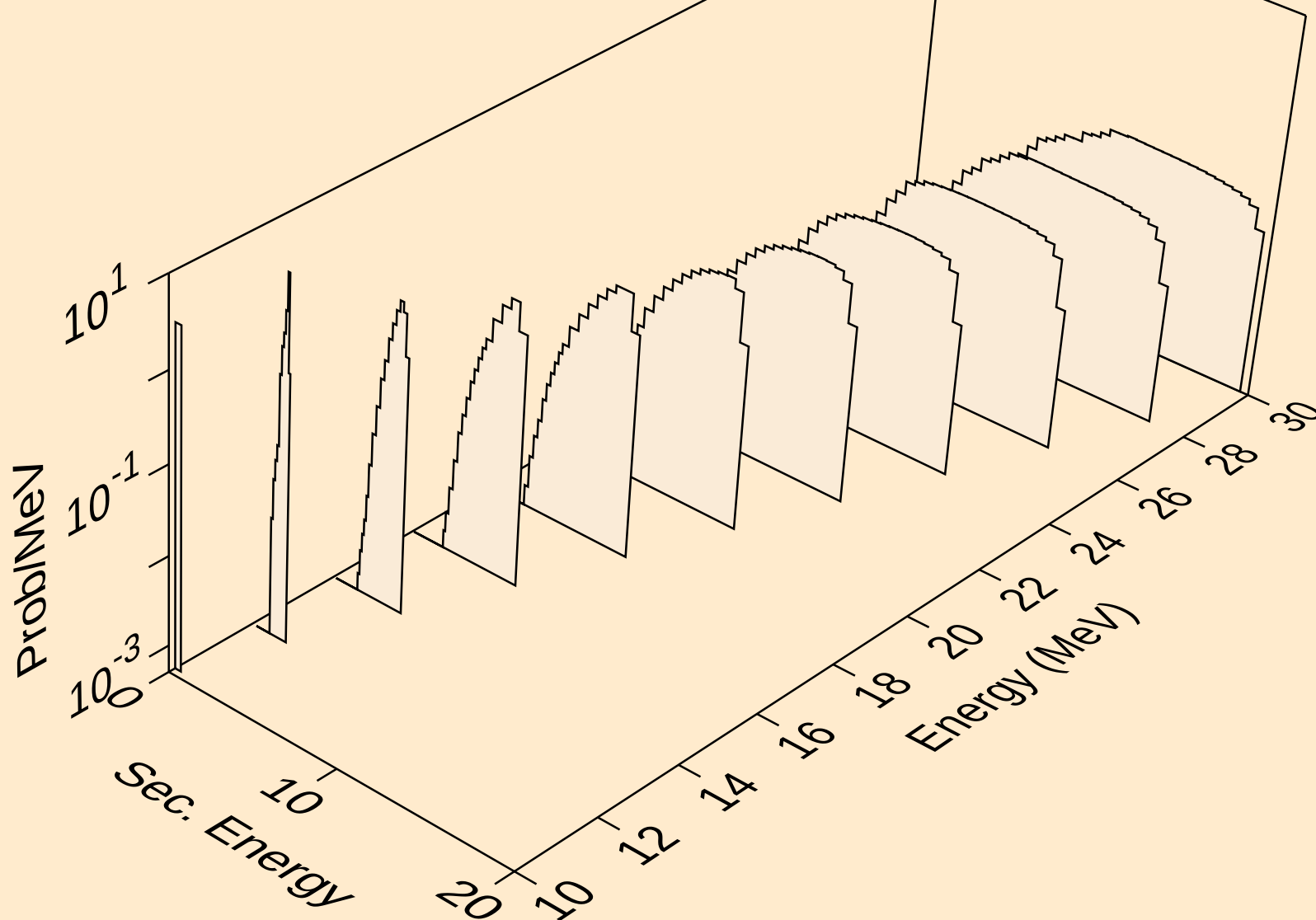
Particle production cross sections



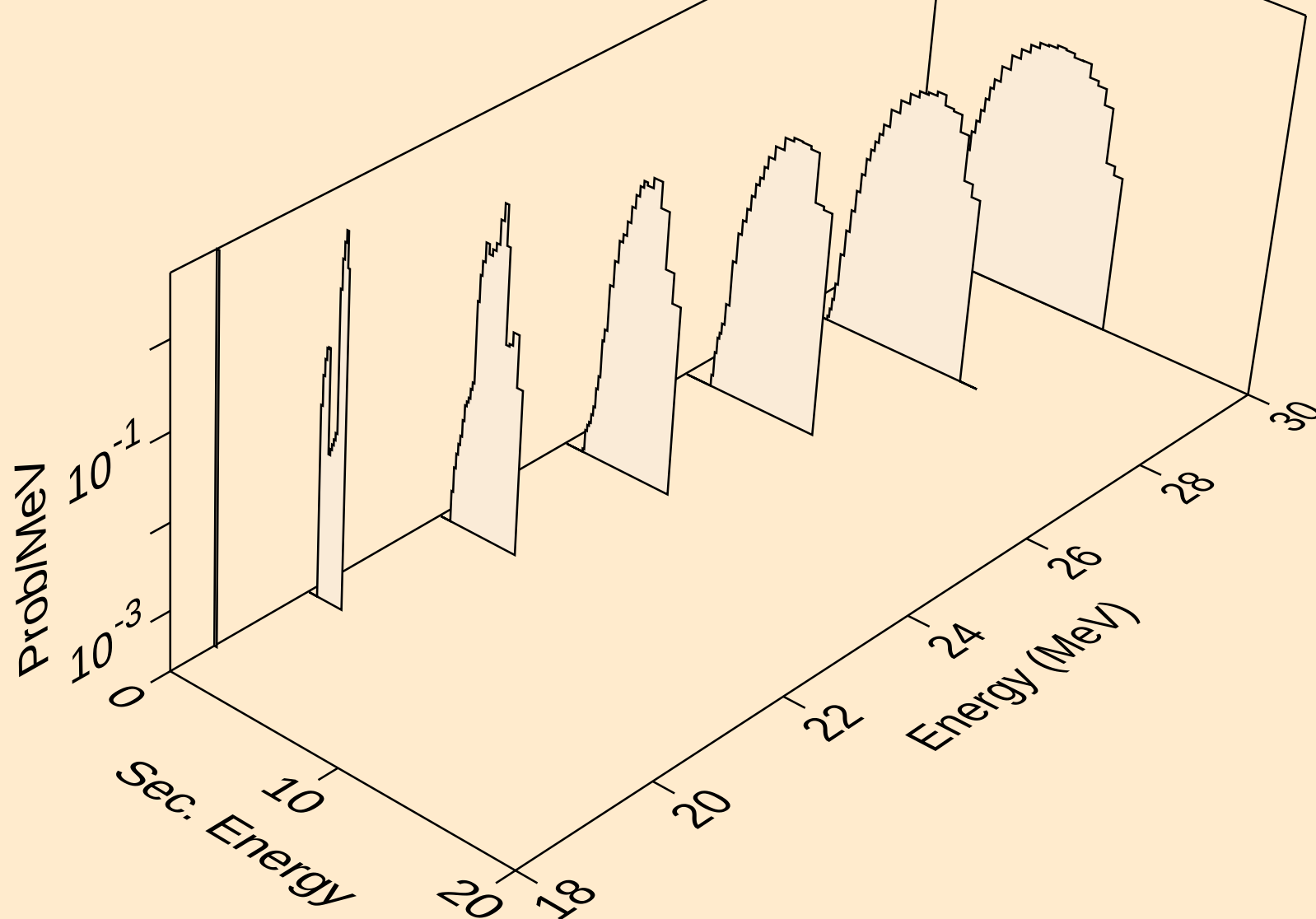
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



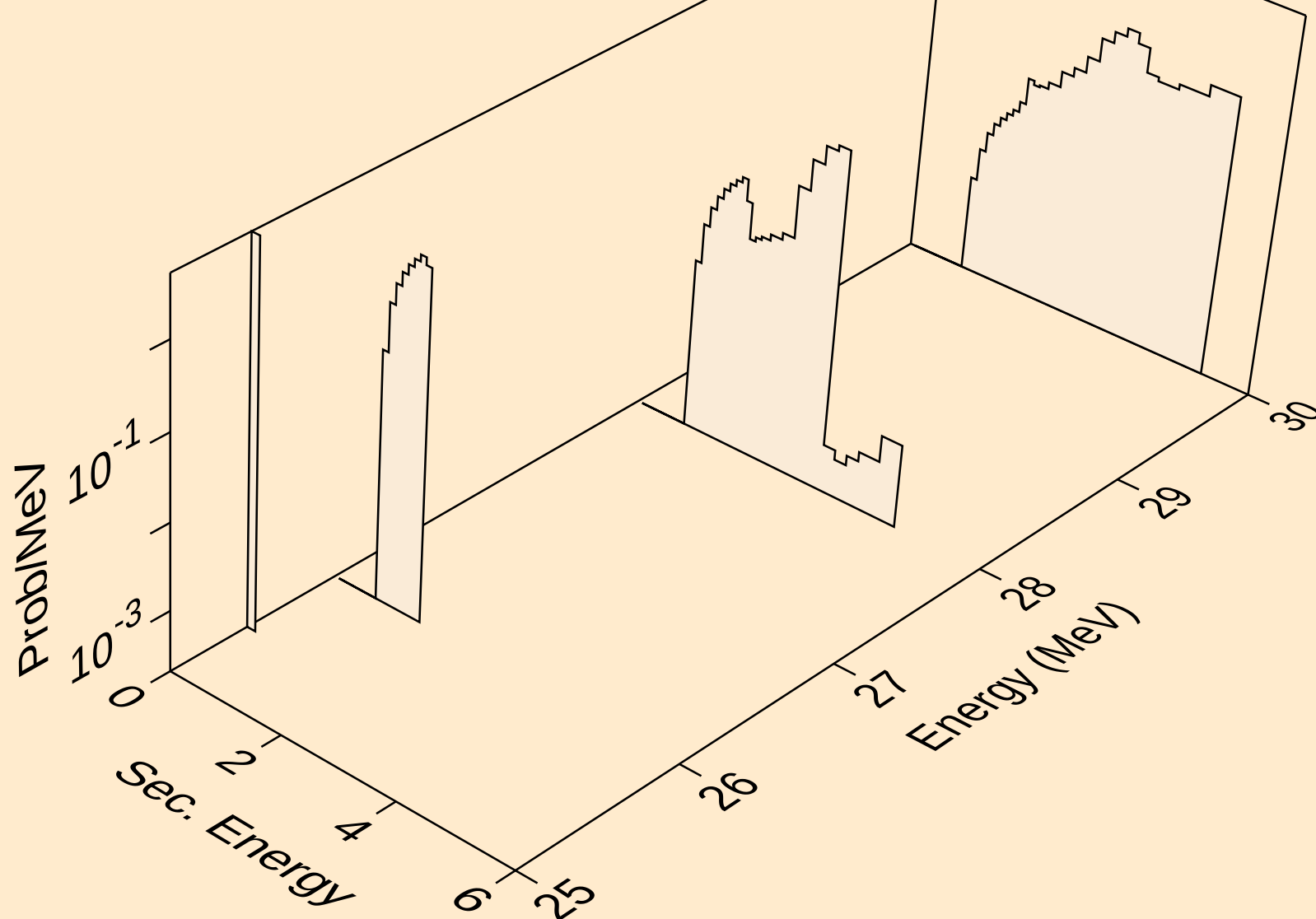
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



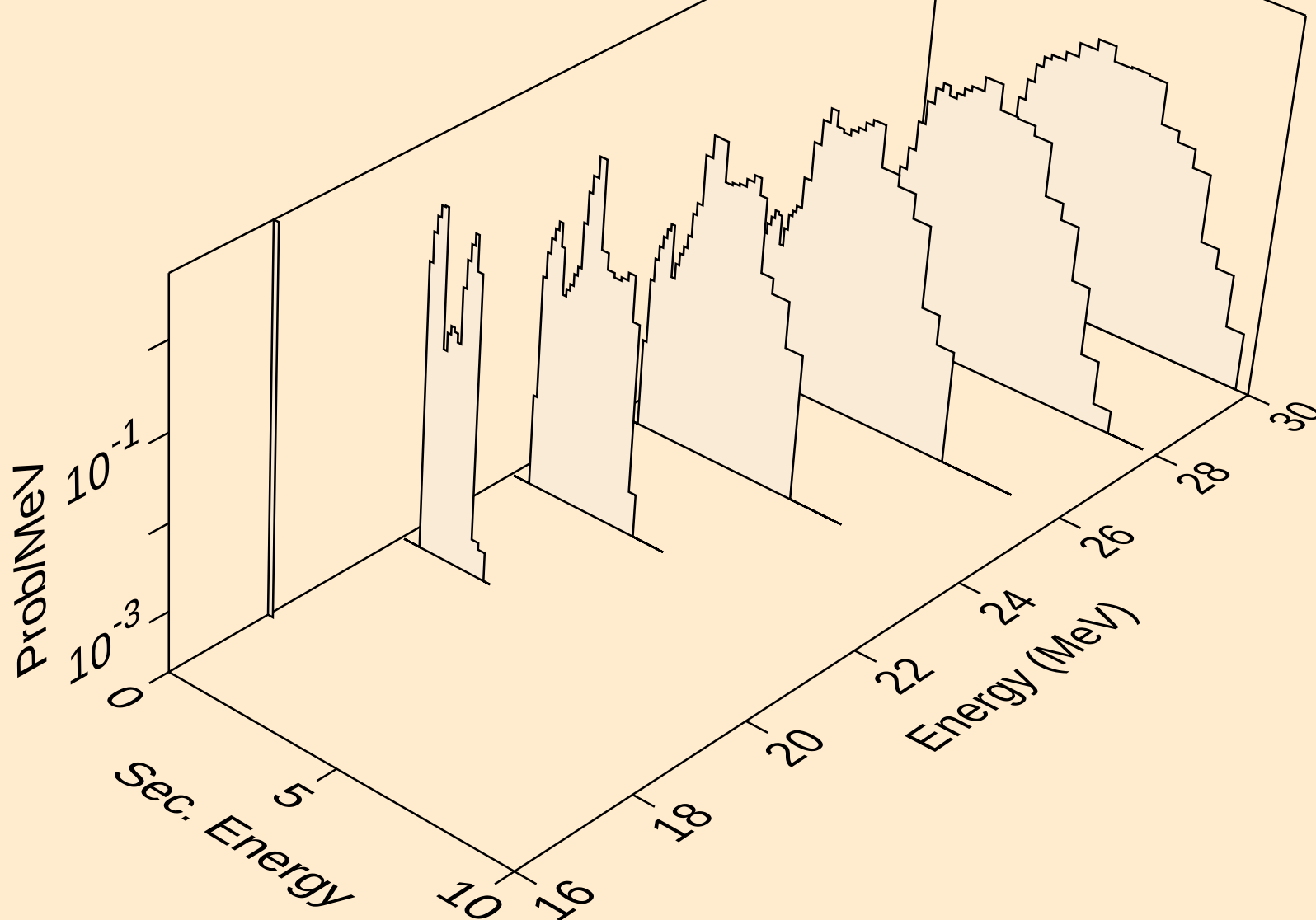
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



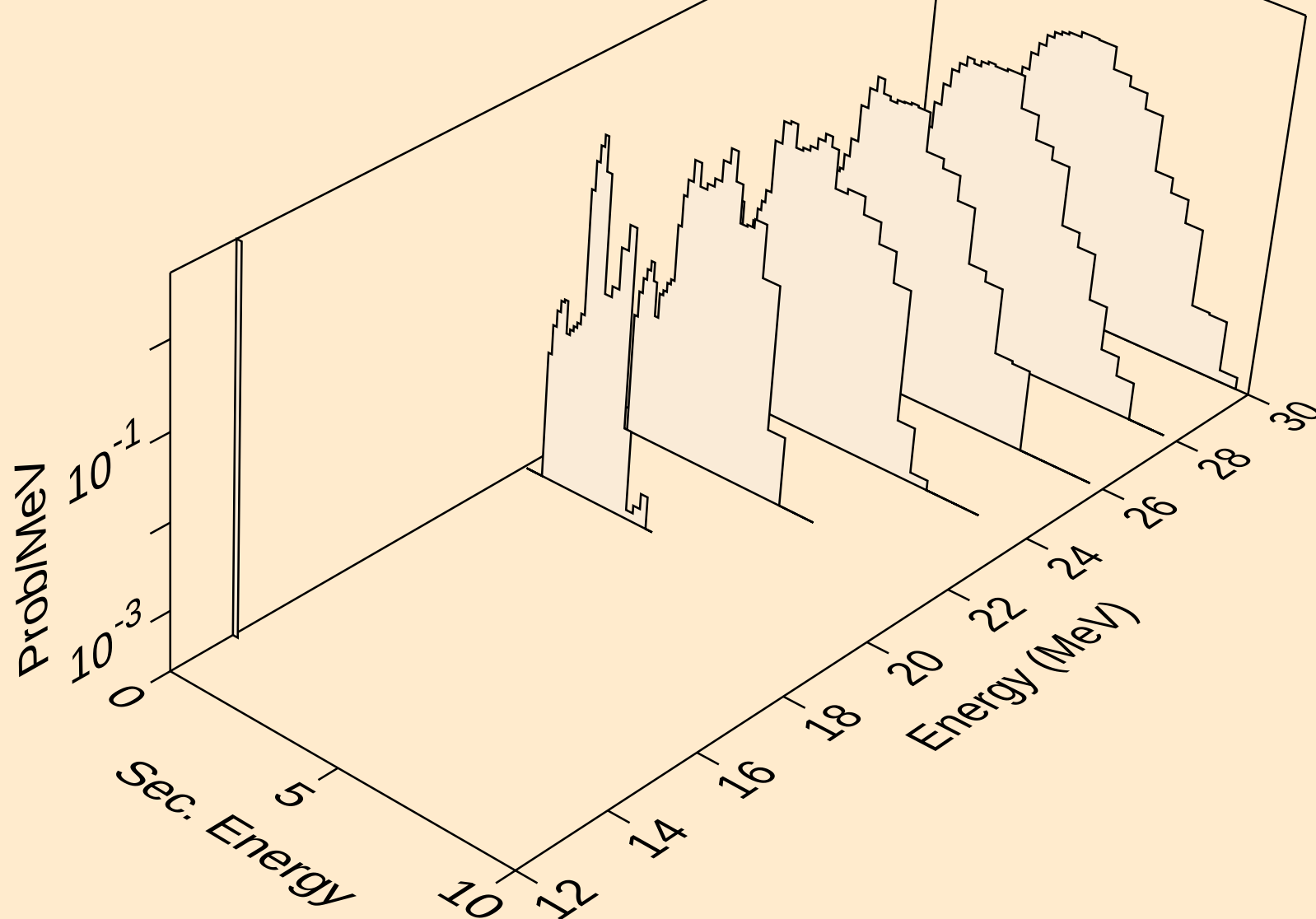
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



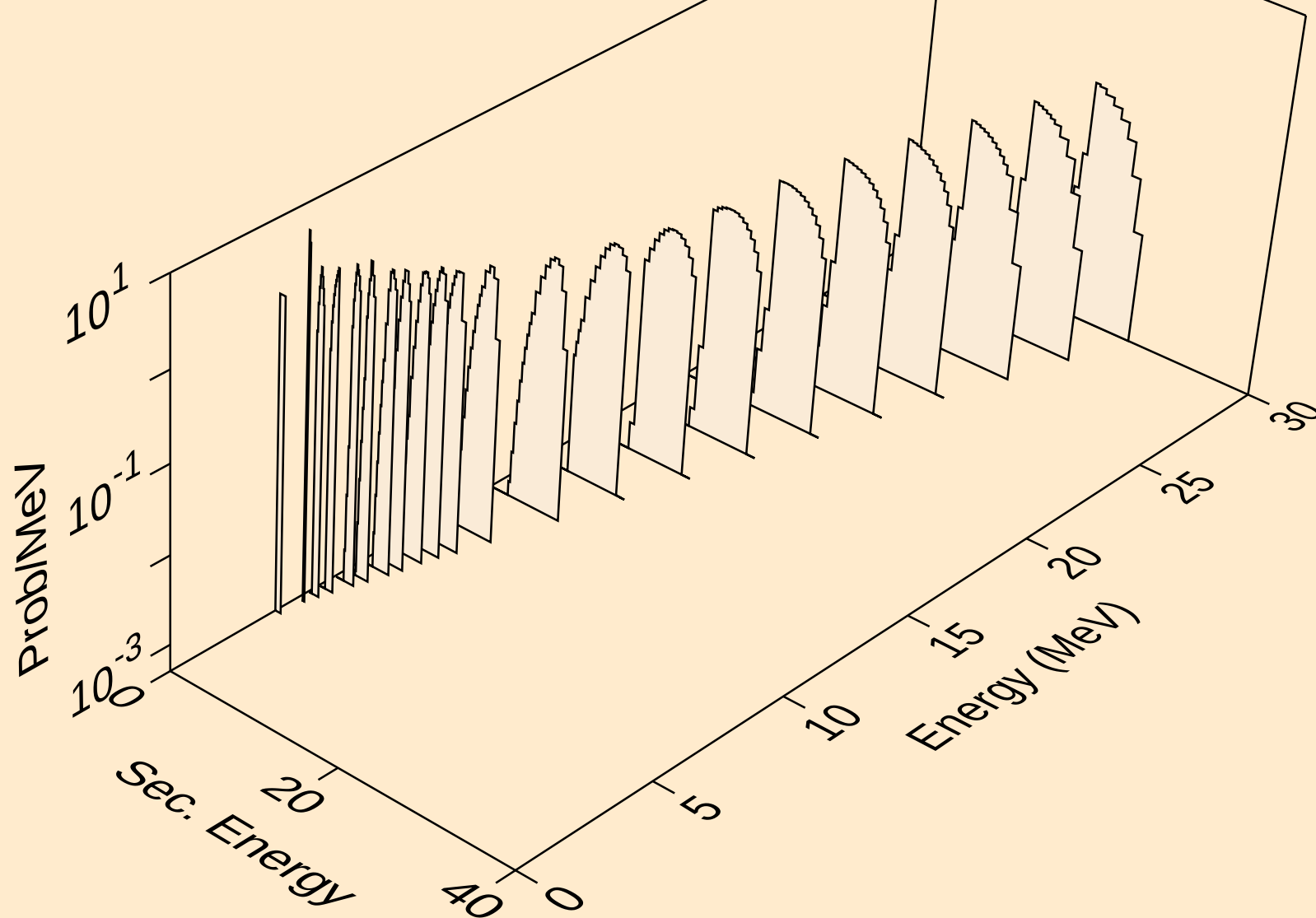
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



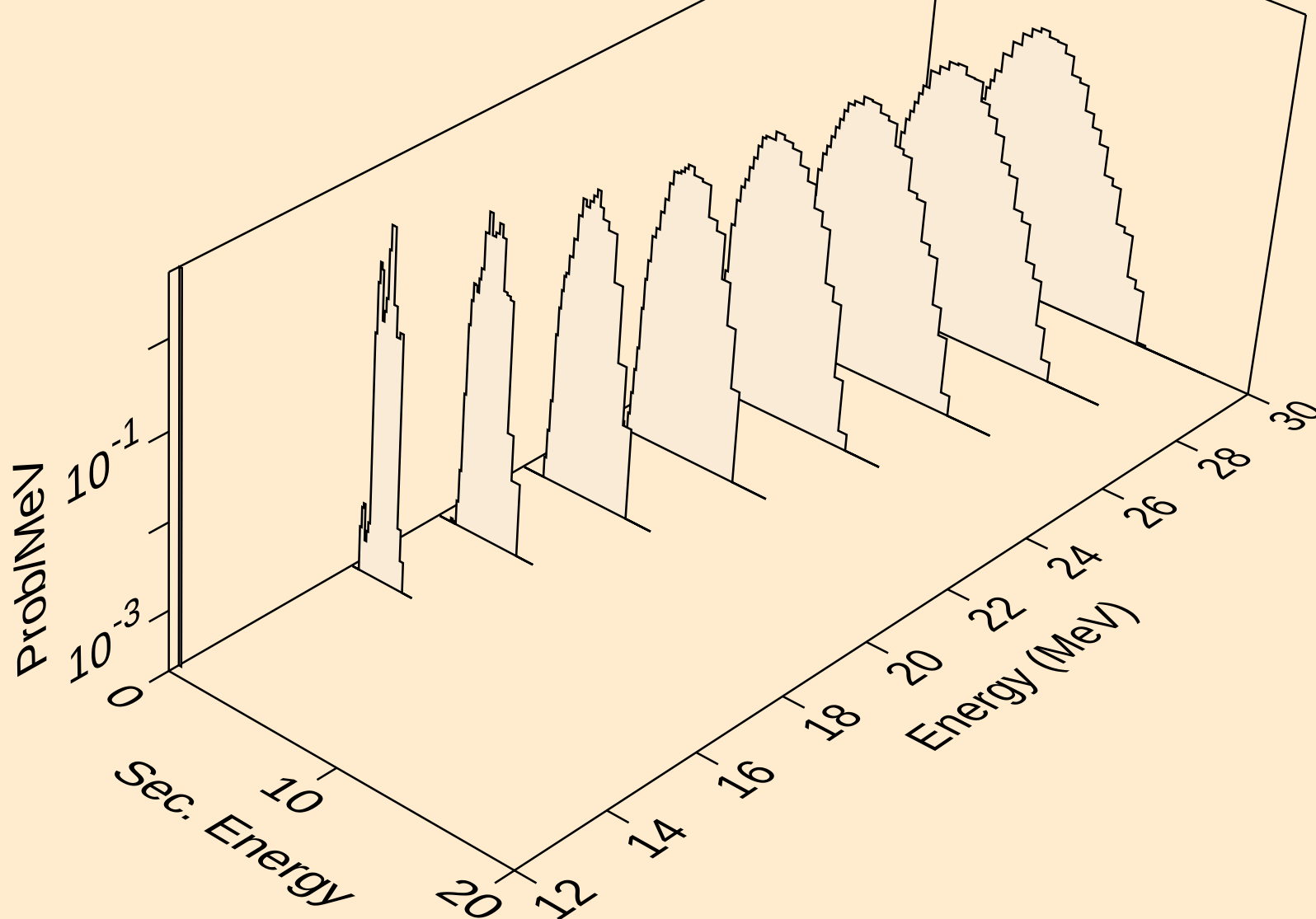
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



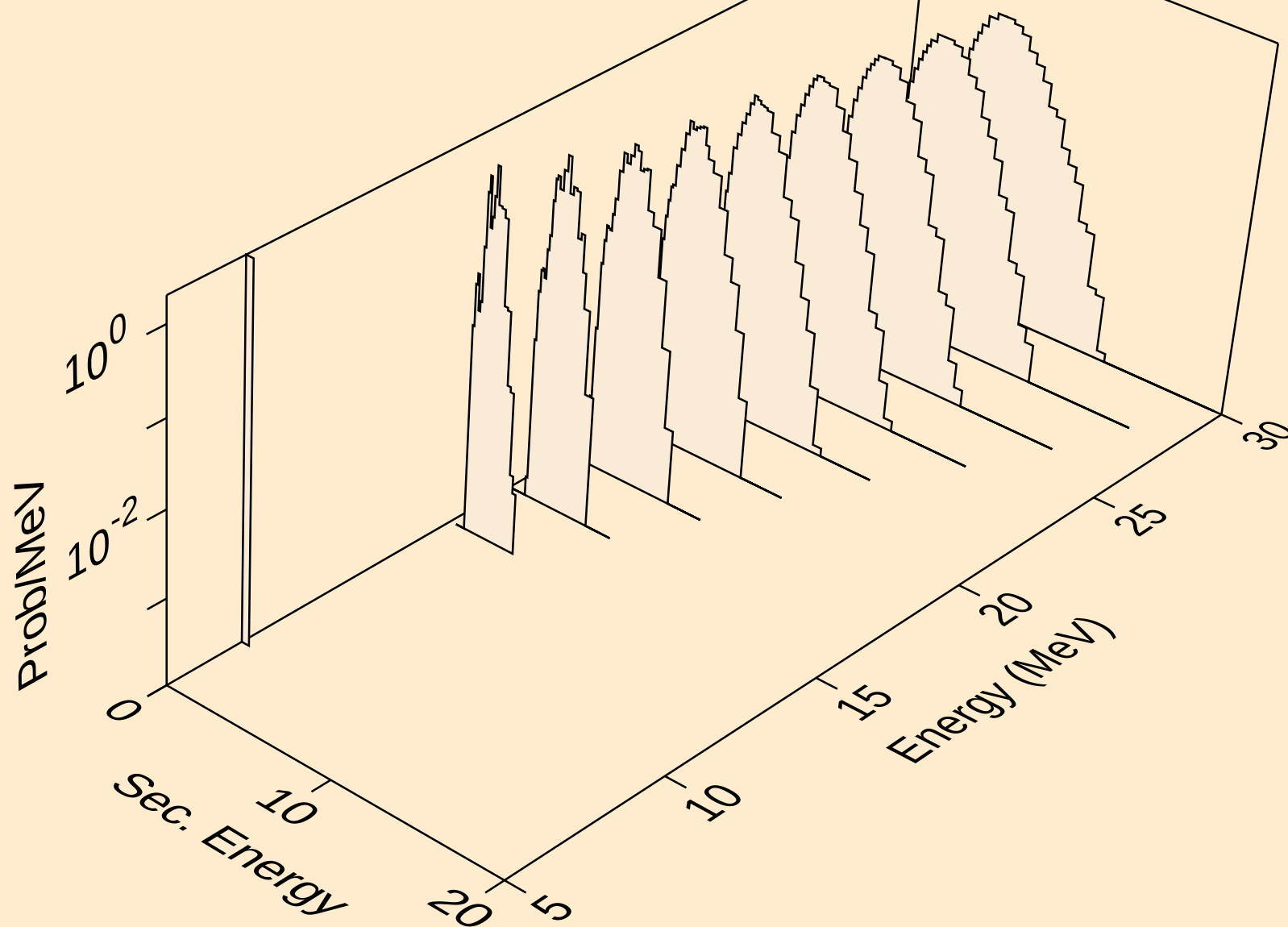
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protons from (n,p)



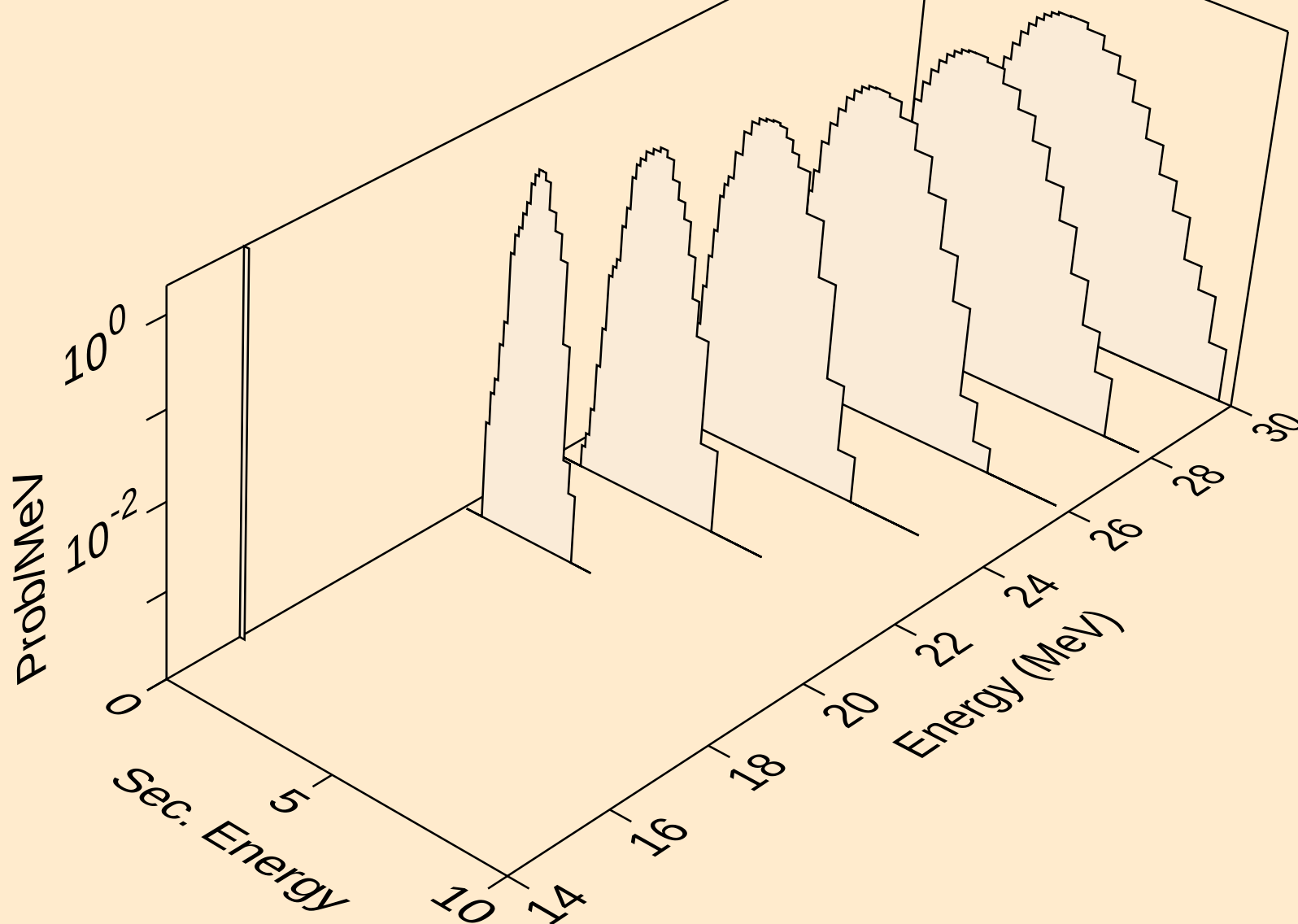
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protons from (n,2p)



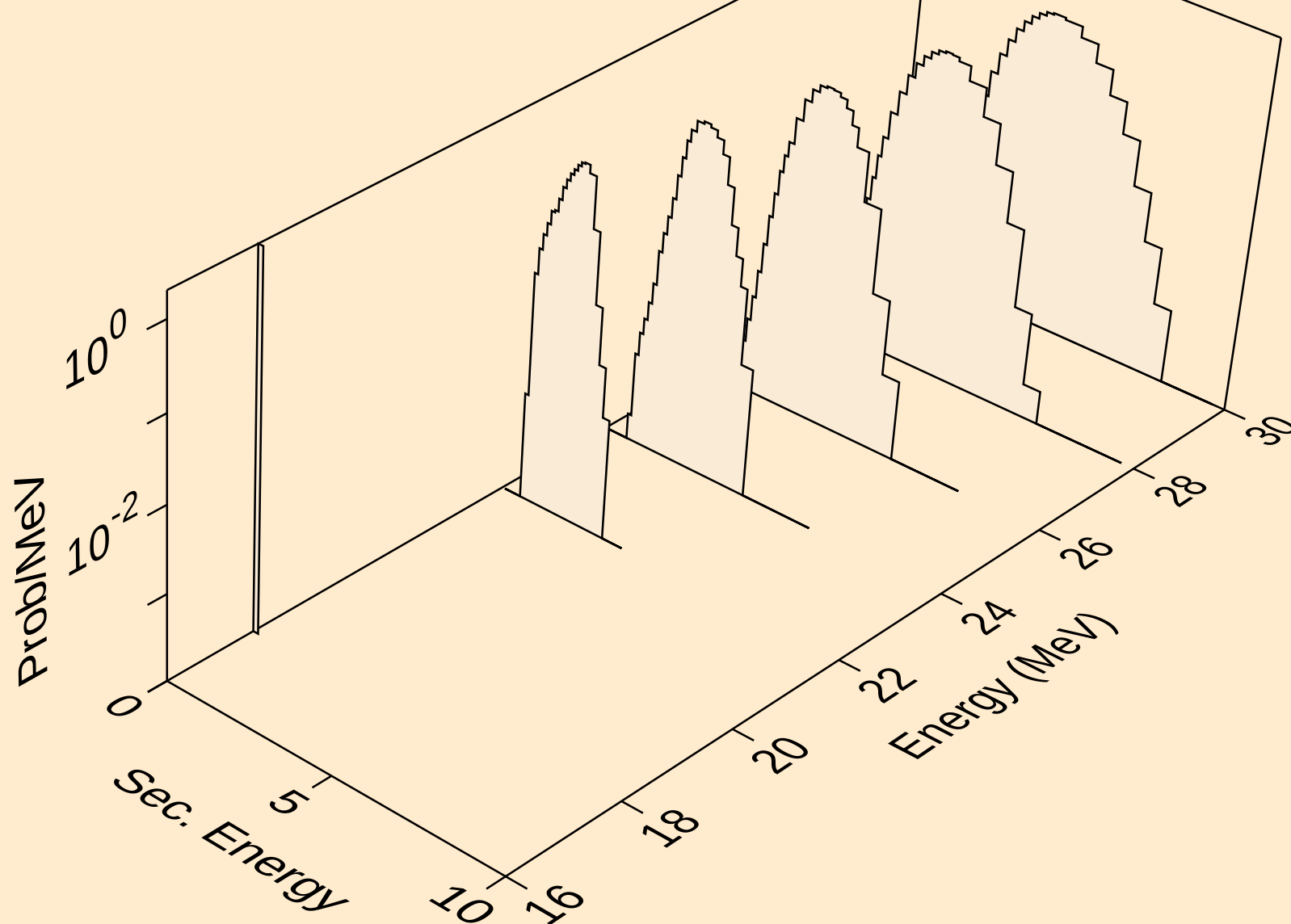
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protons from (n,p)



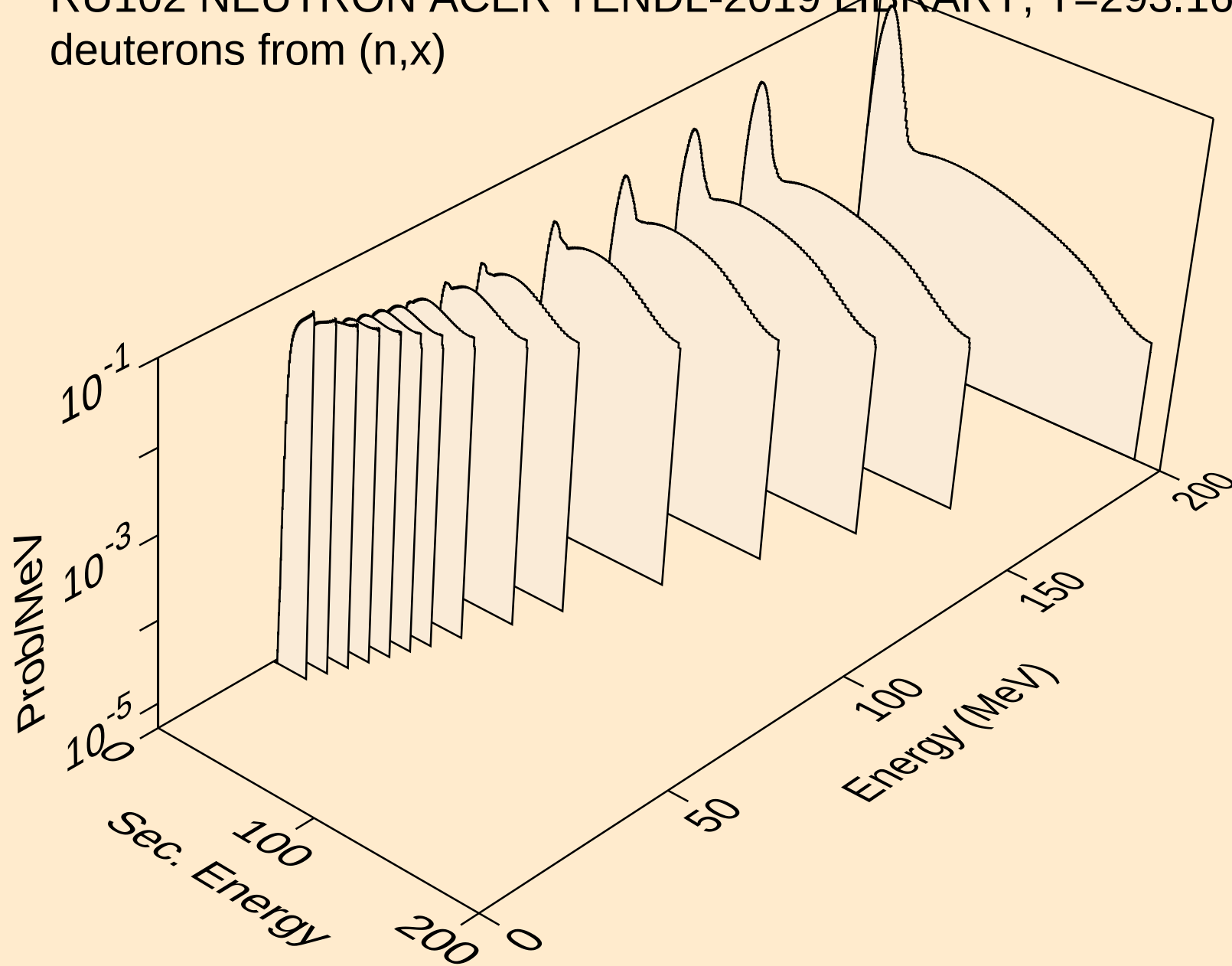
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protons from (n,pd)



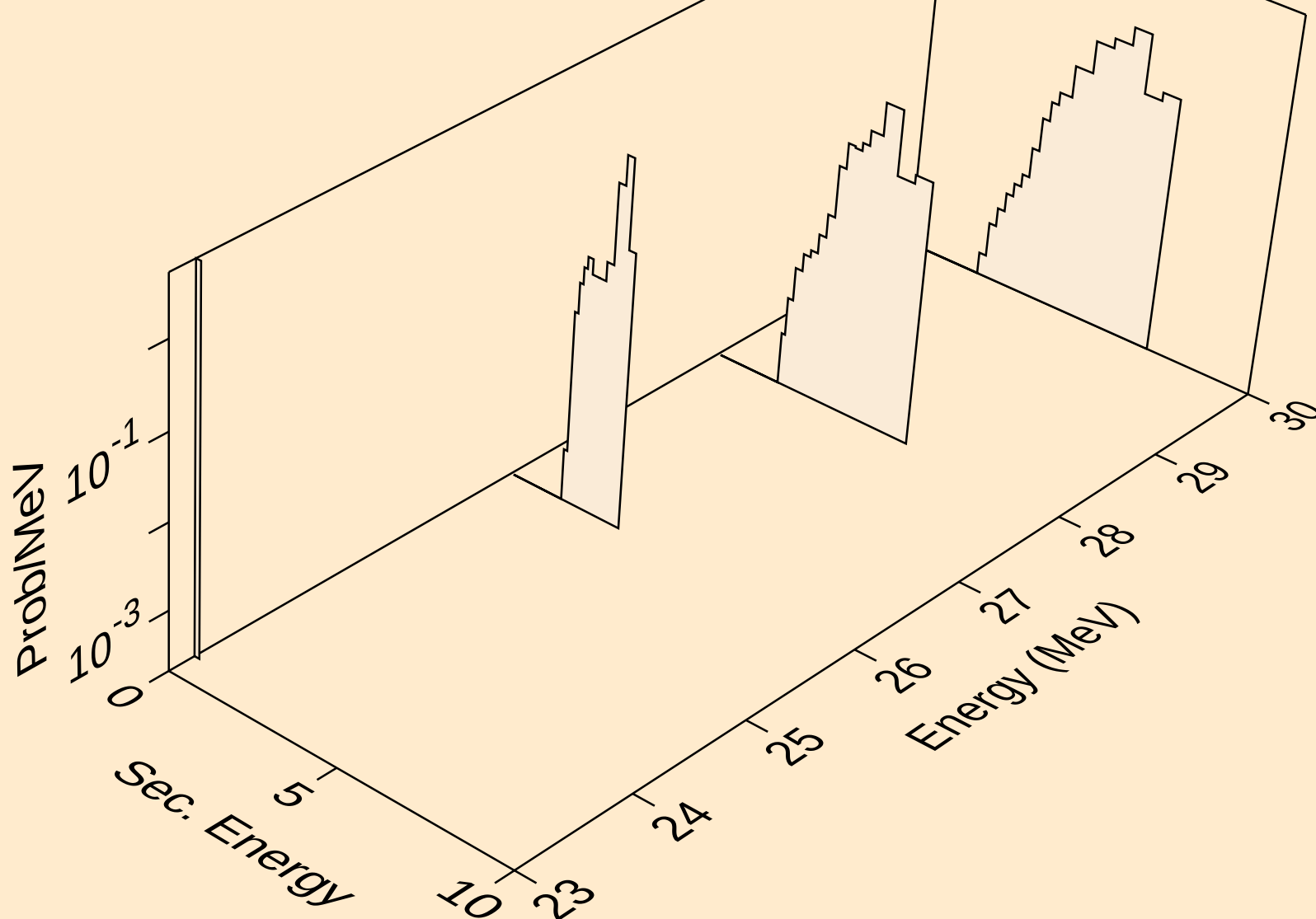
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protons from (n,pt)



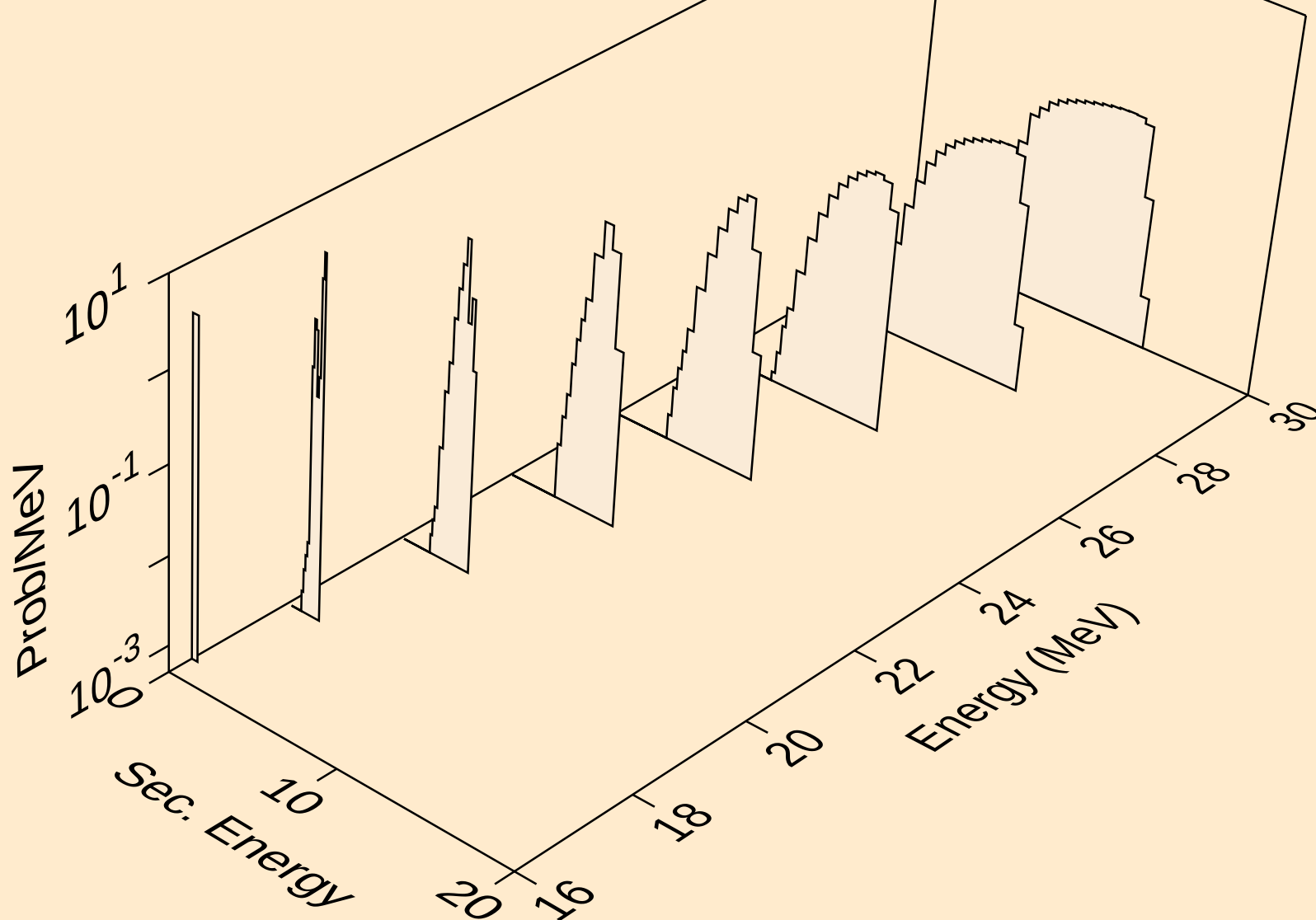
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



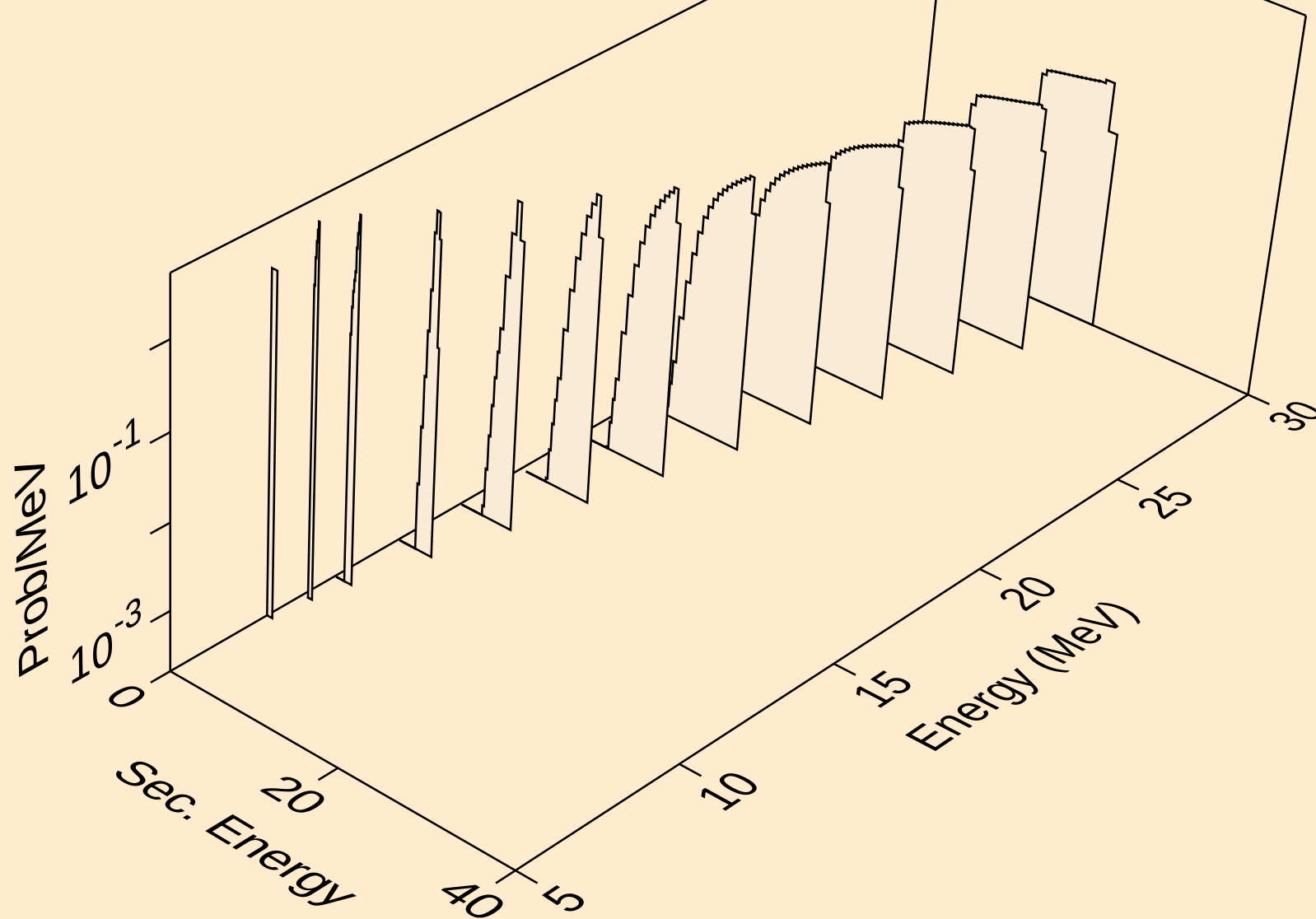
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deuterons from (n,2nd)



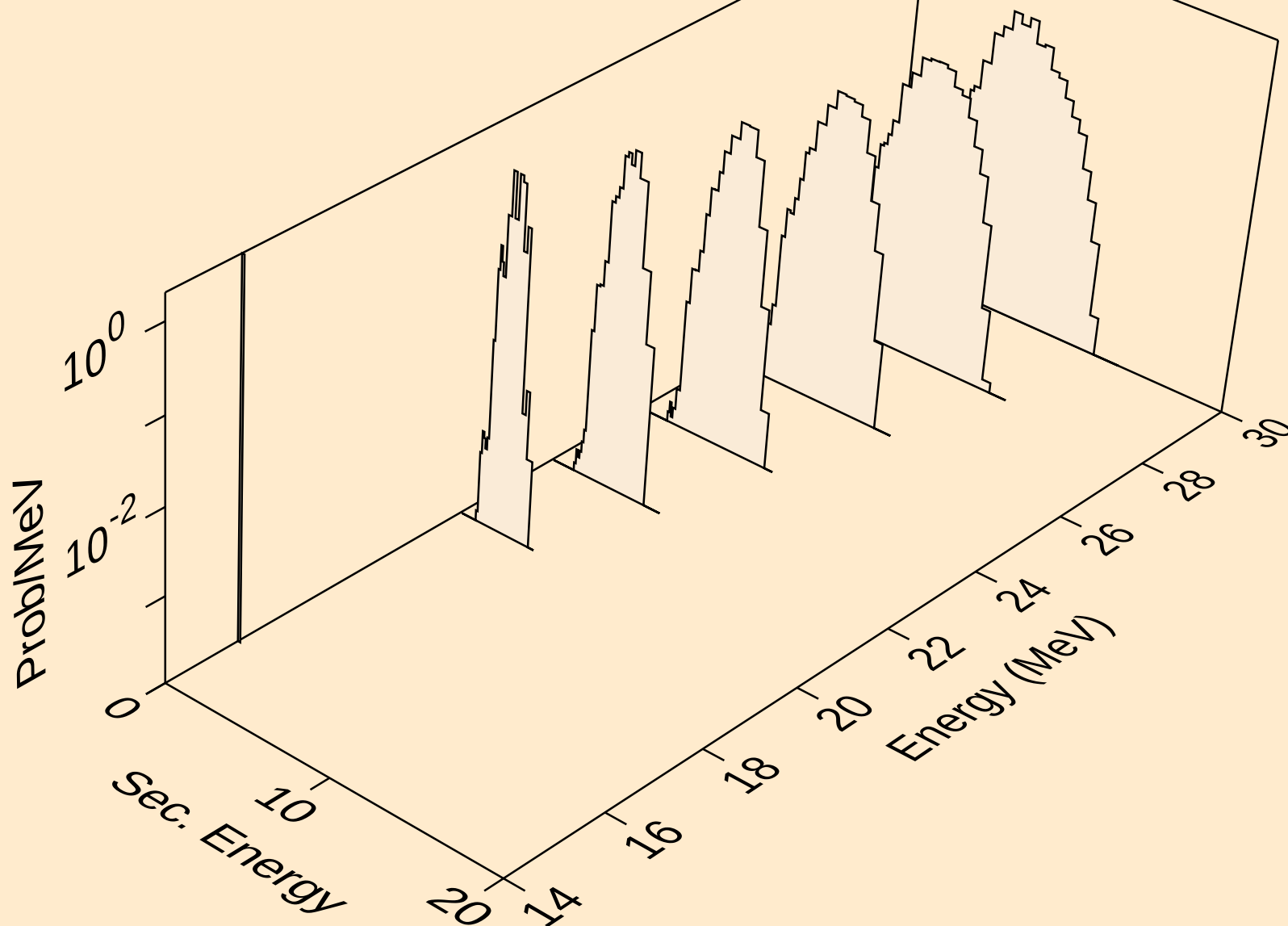
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deuterons from (n,n*)d



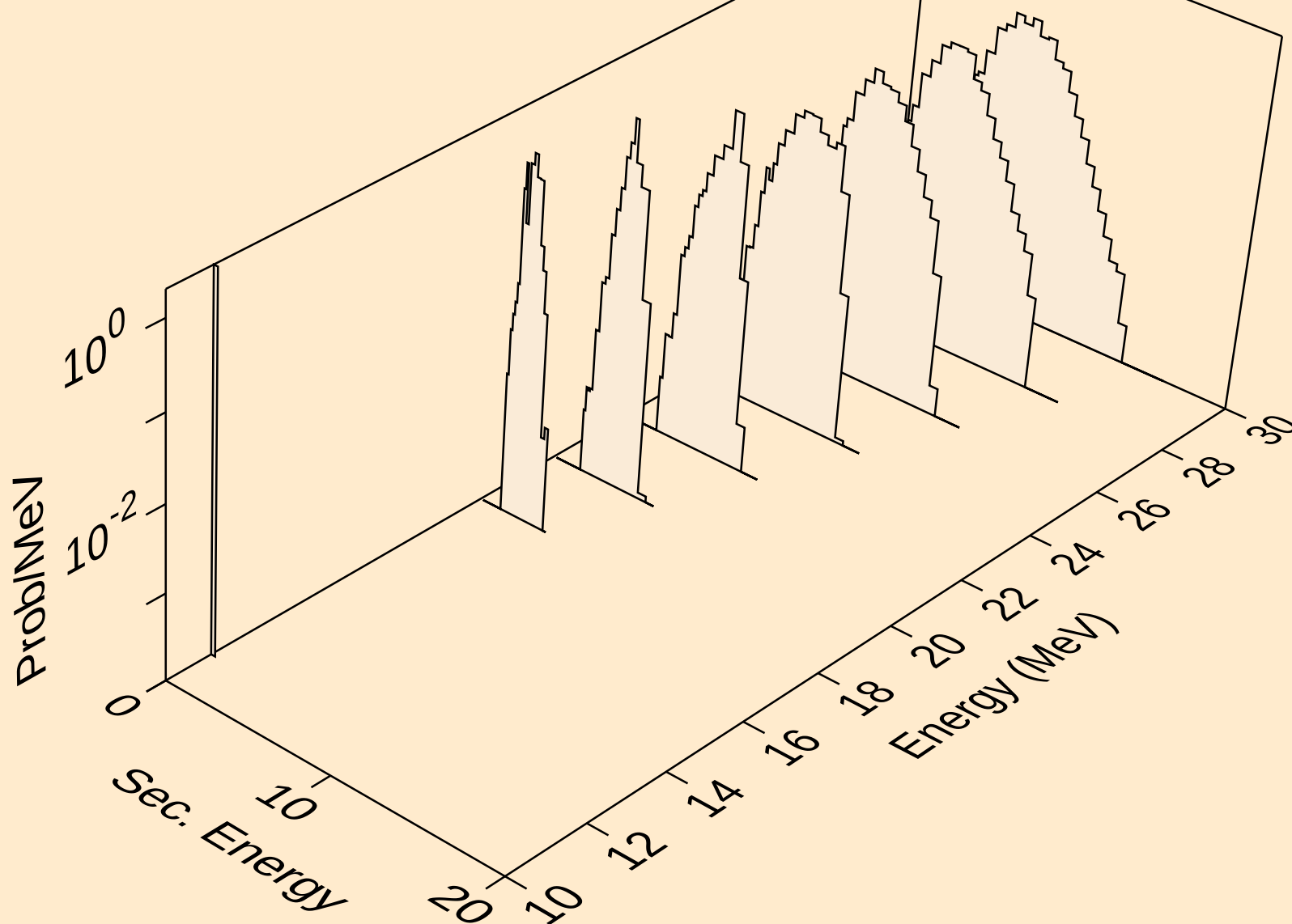
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deuterons from (n,d)



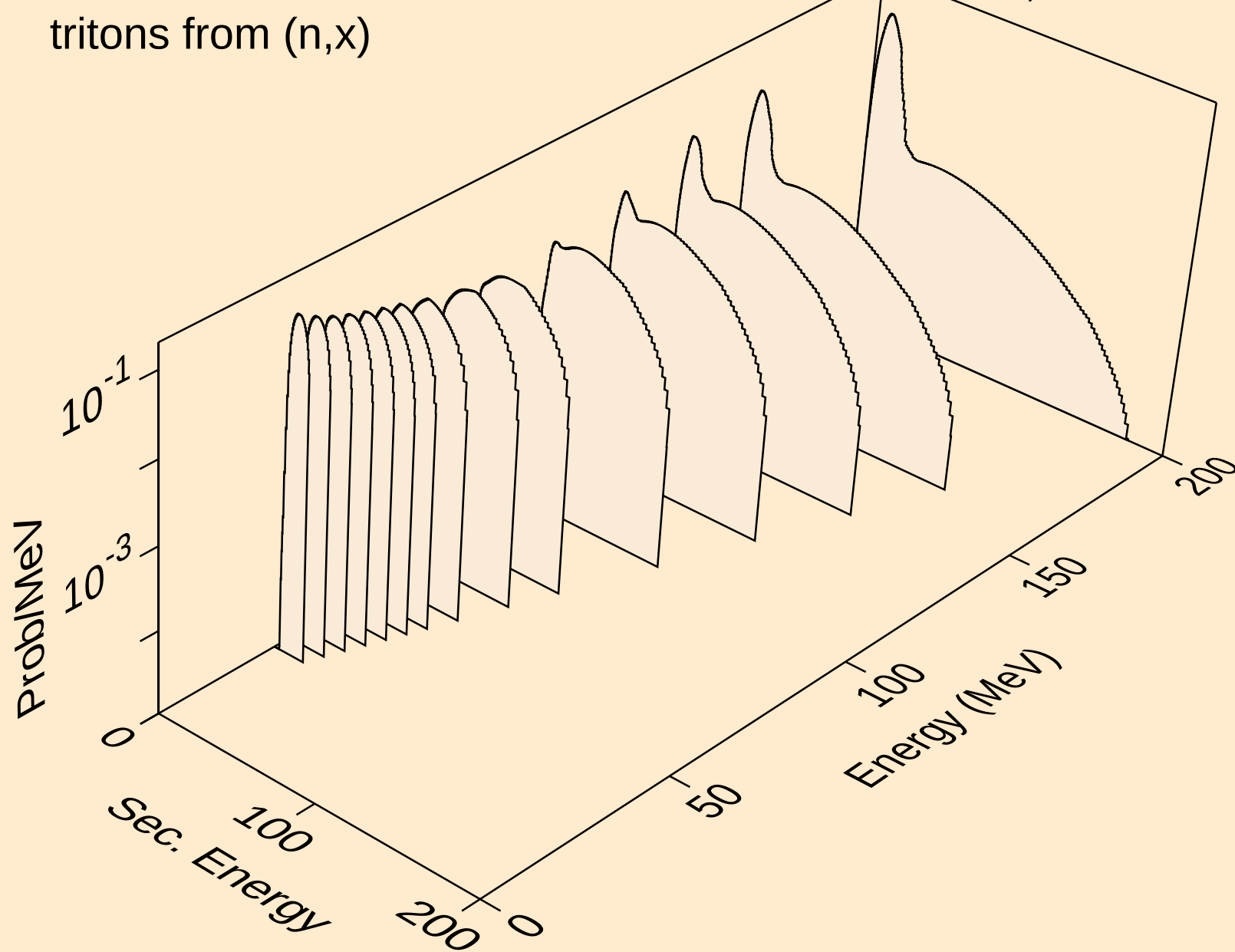
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deuterons from (n,pd)



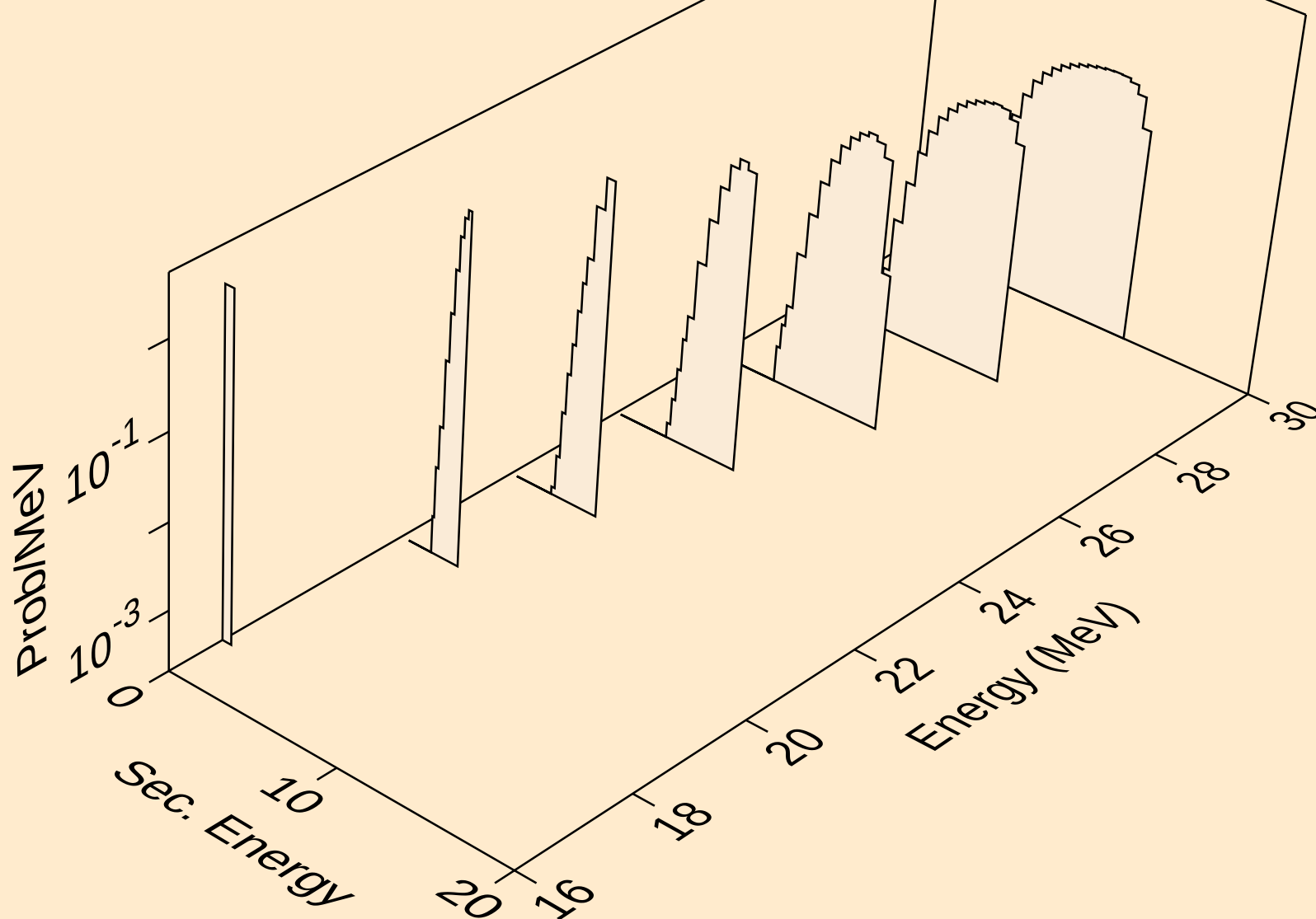
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deuterons from (n,da)



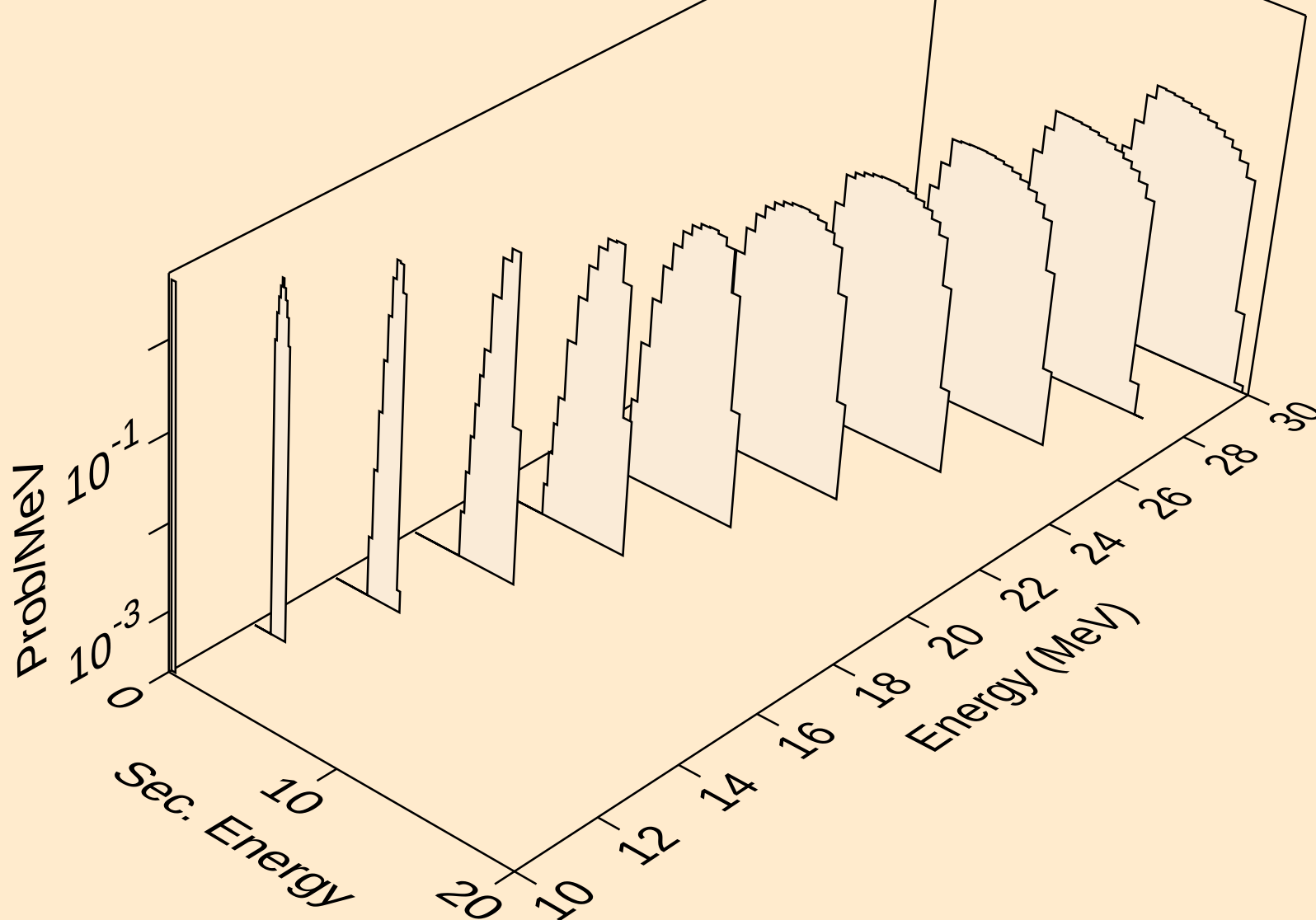
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



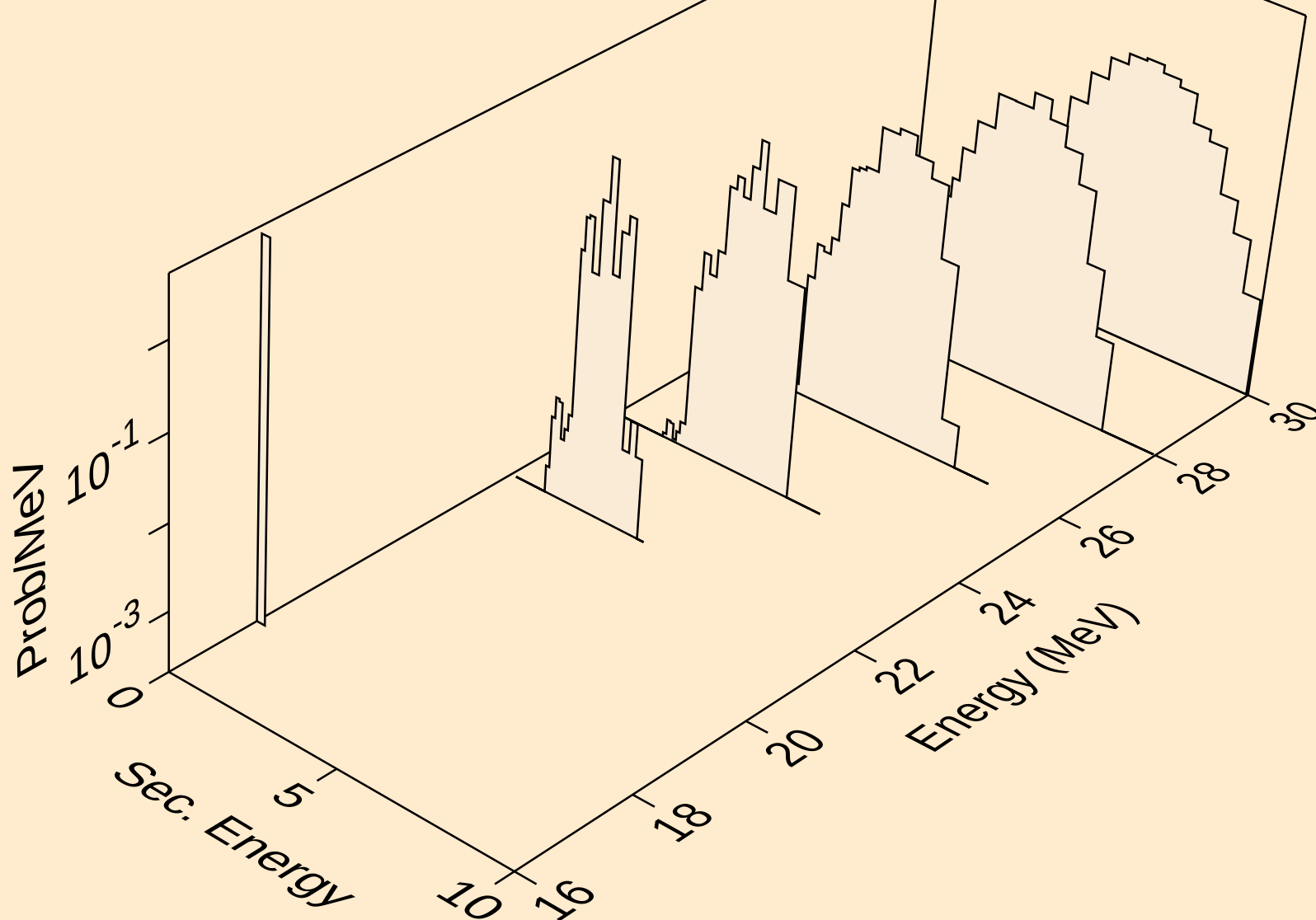
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



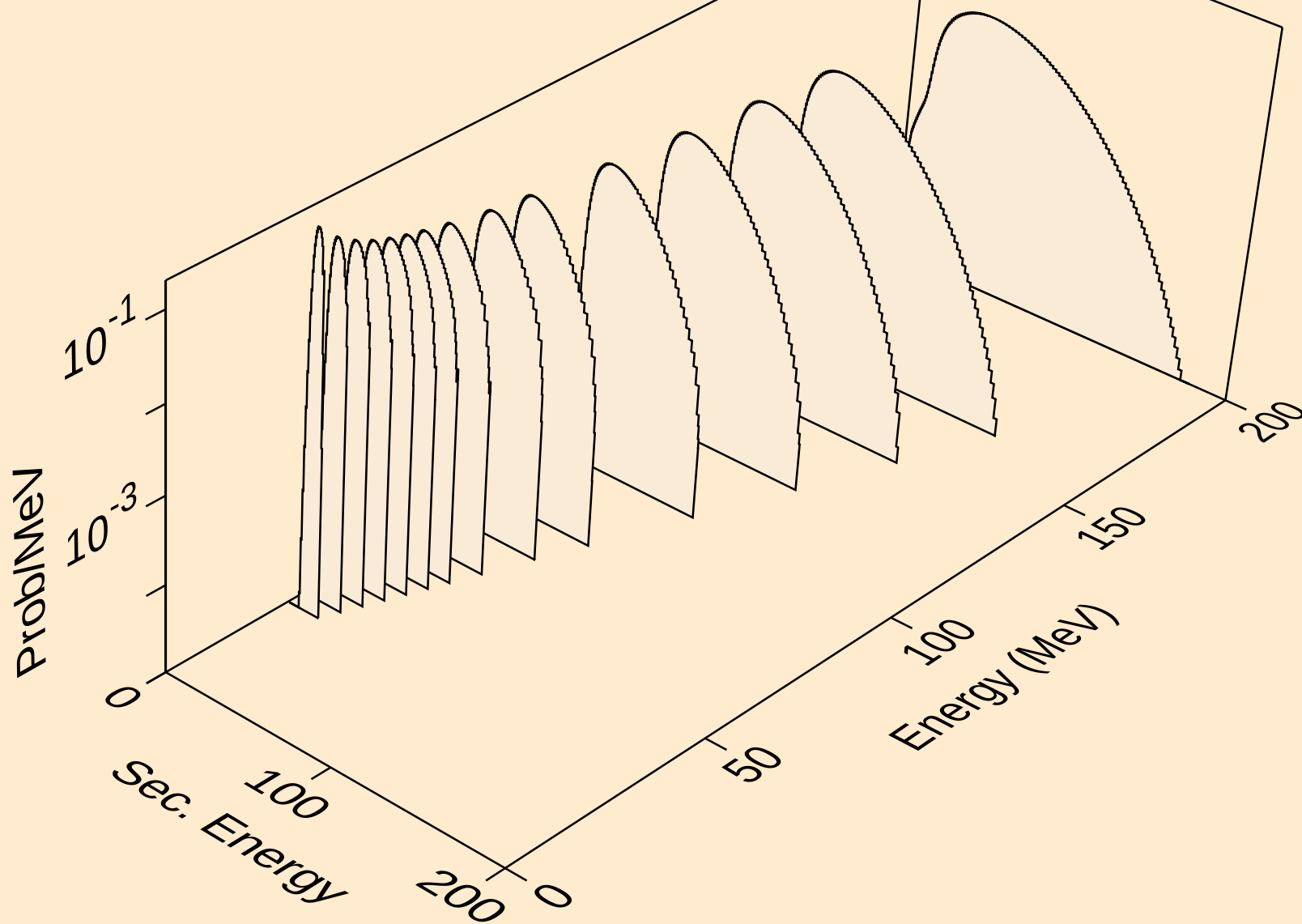
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
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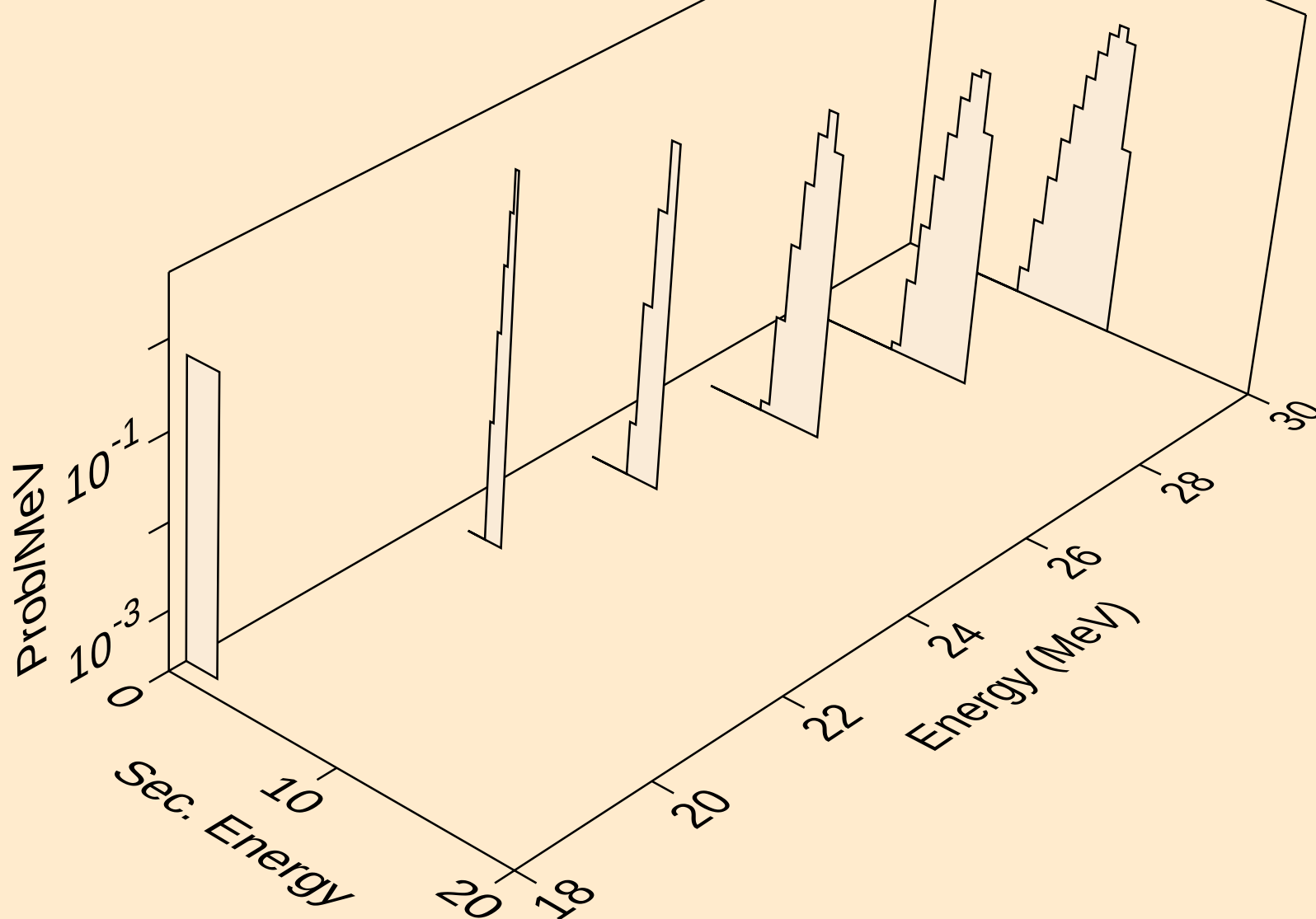
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



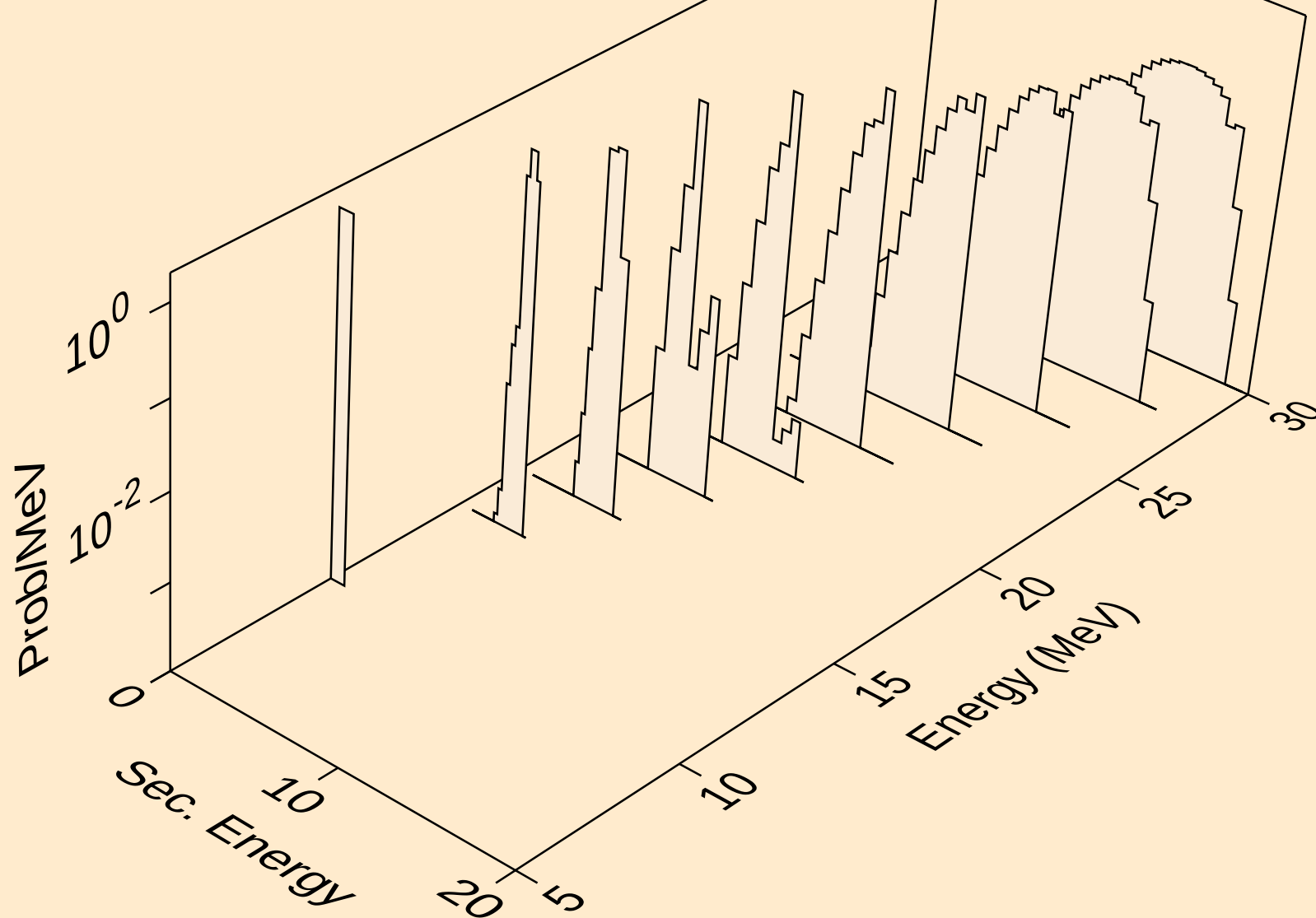
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



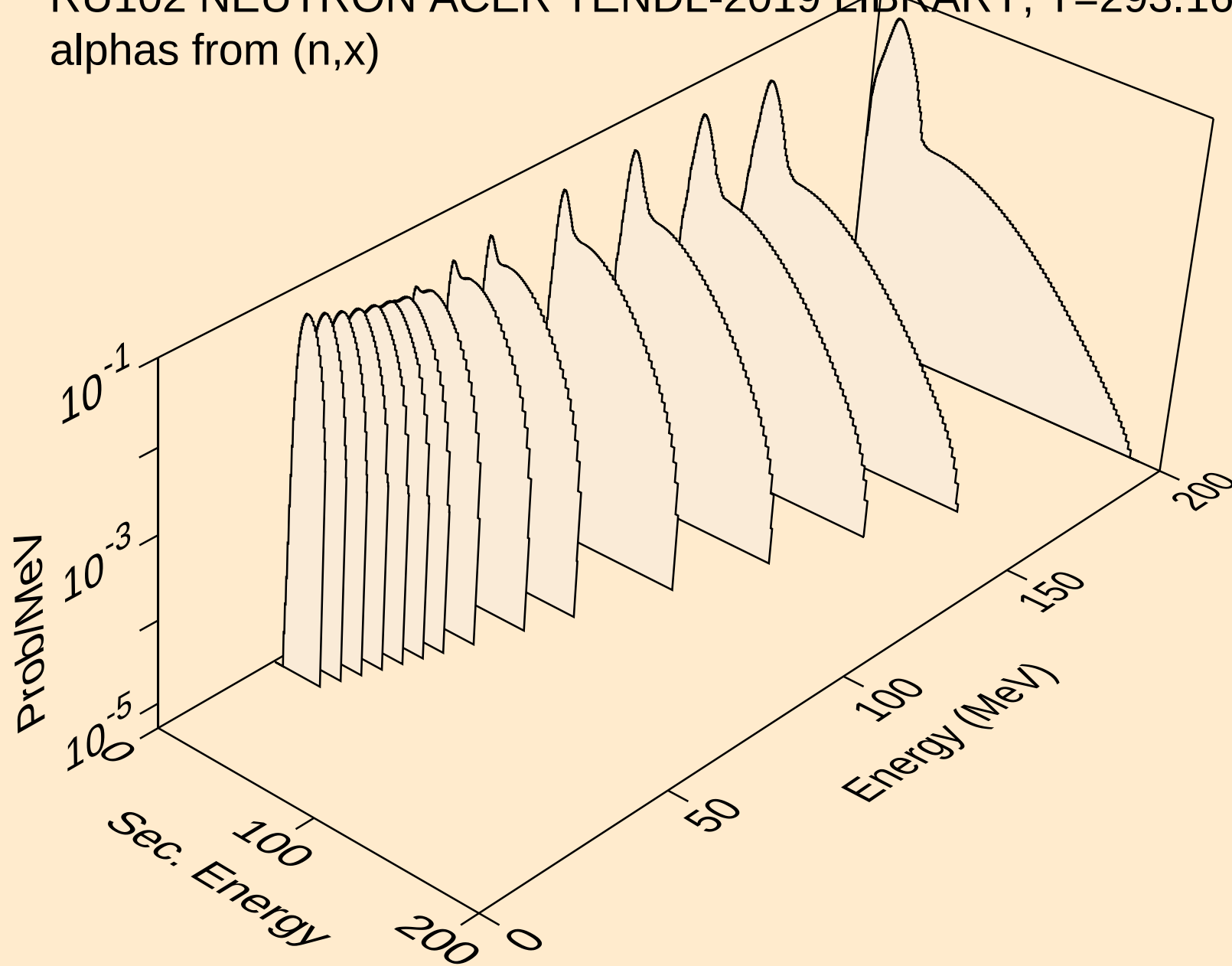
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



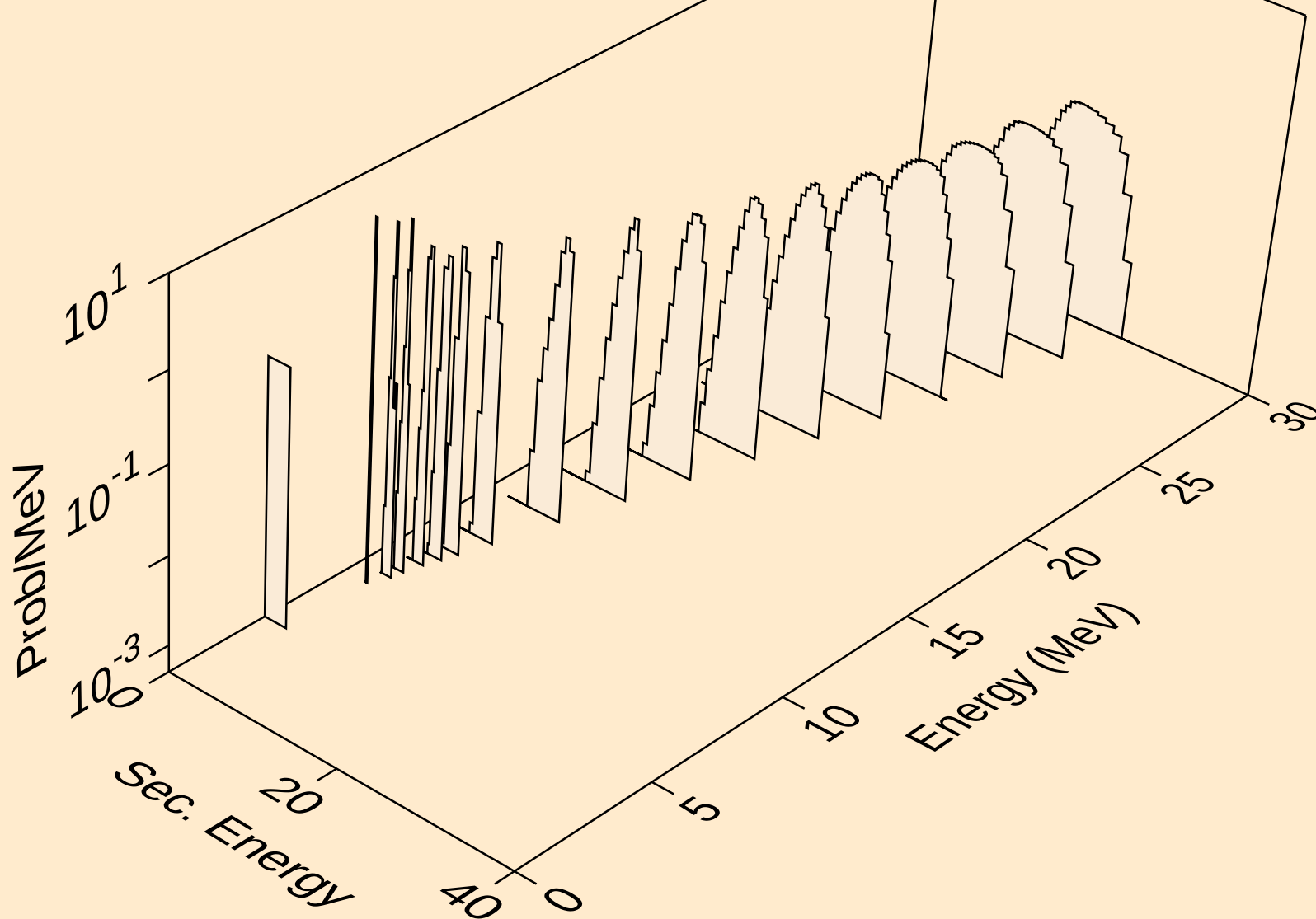
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he3s from (n,he3)



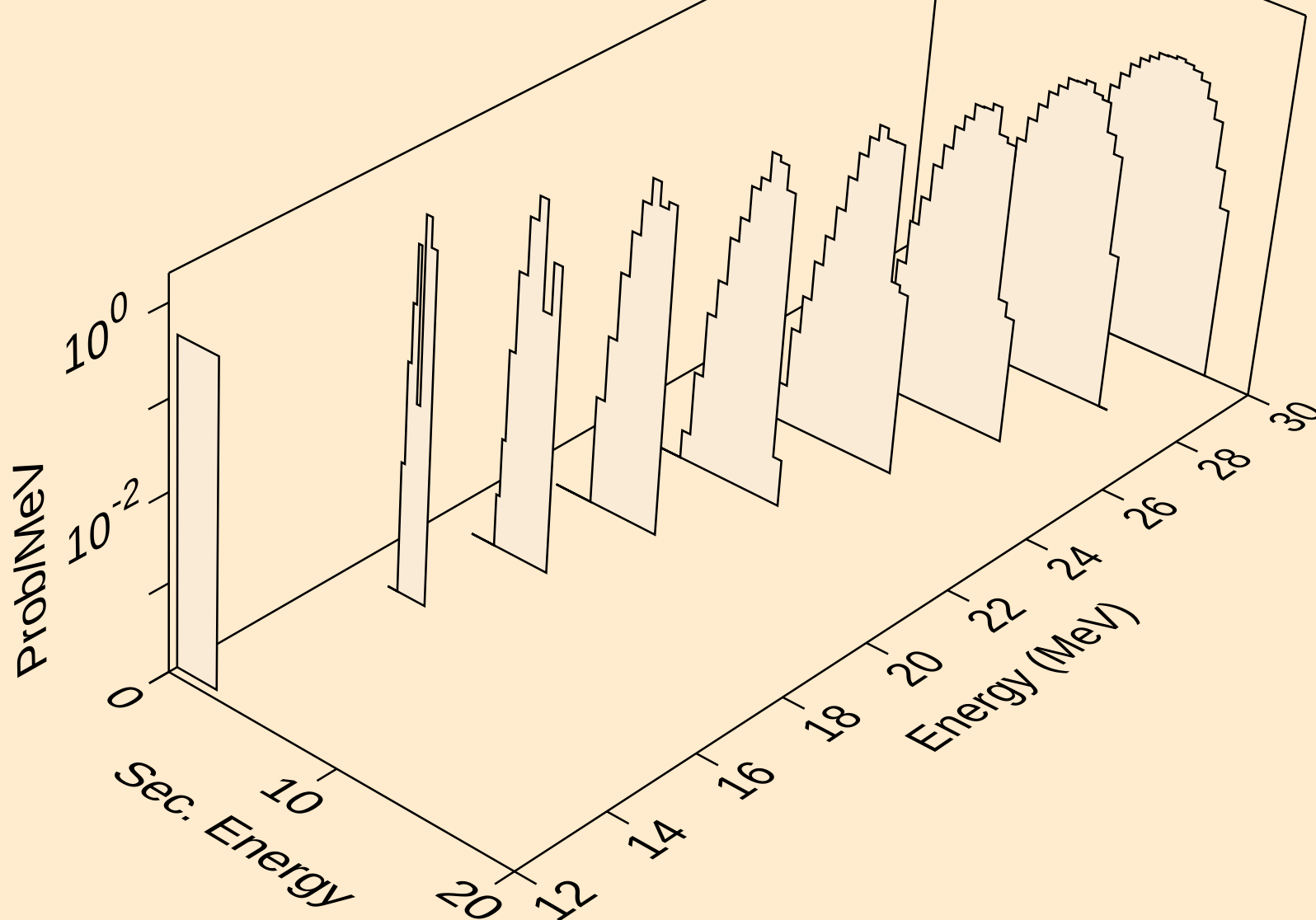
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



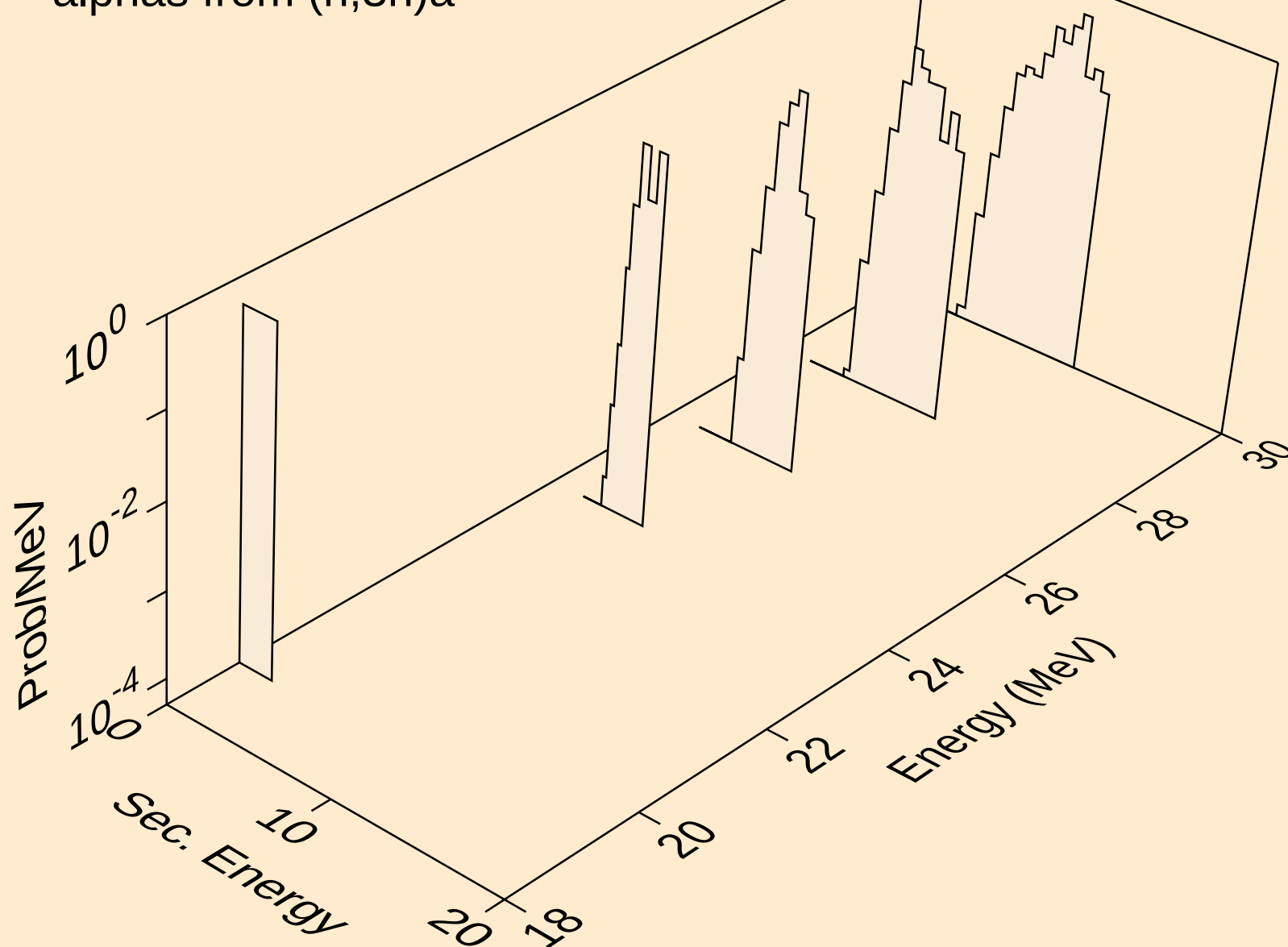
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



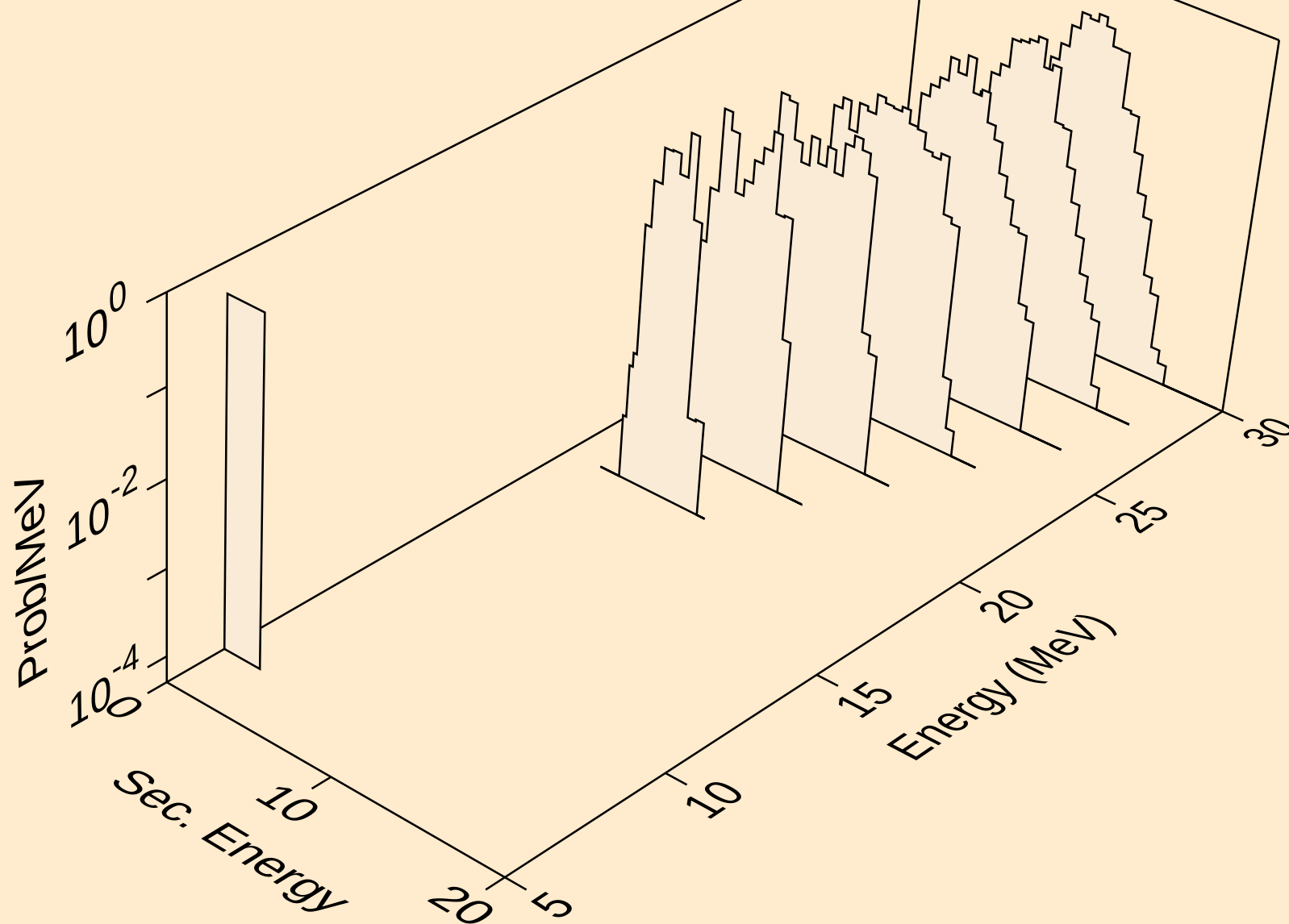
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



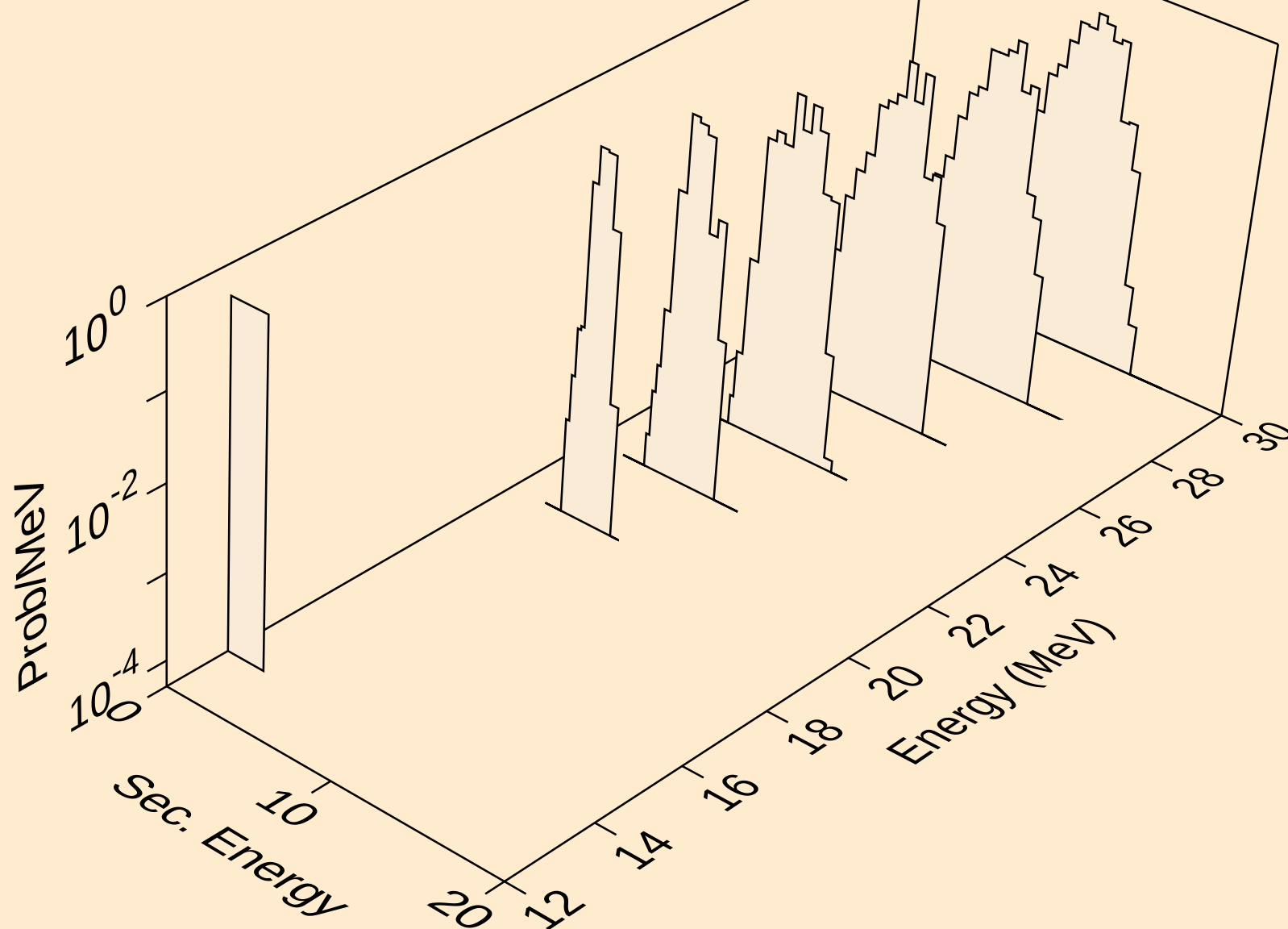
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



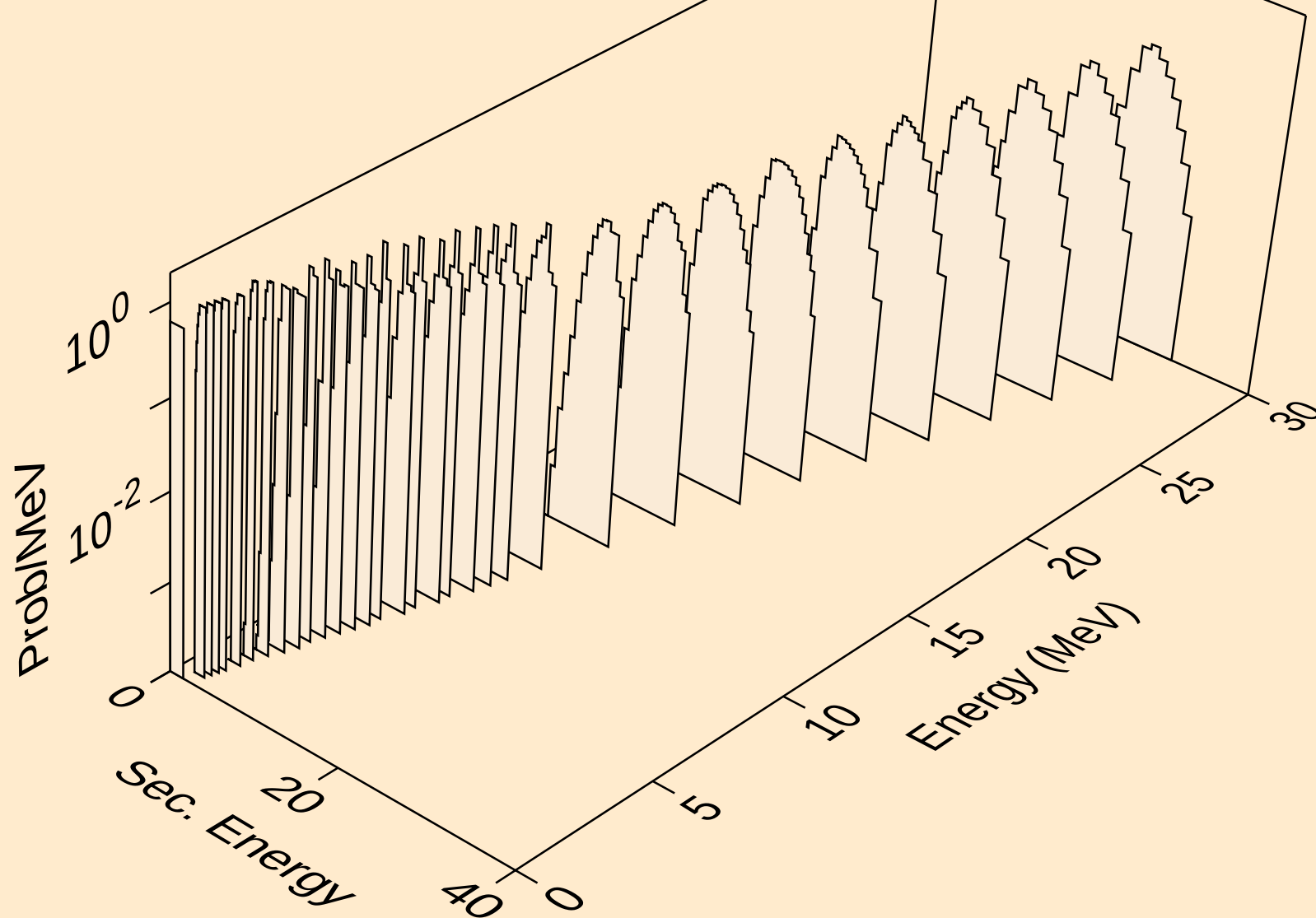
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



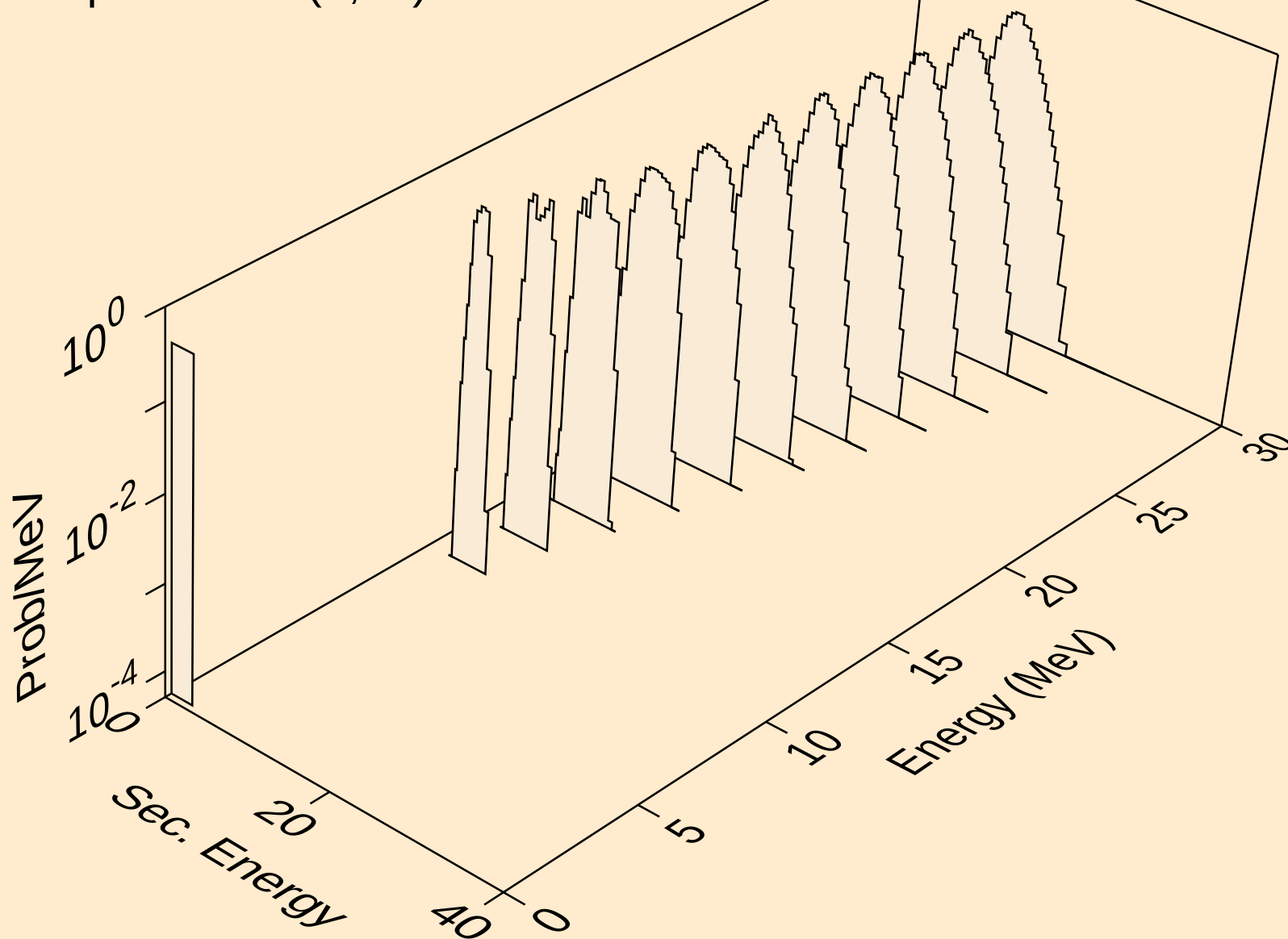
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



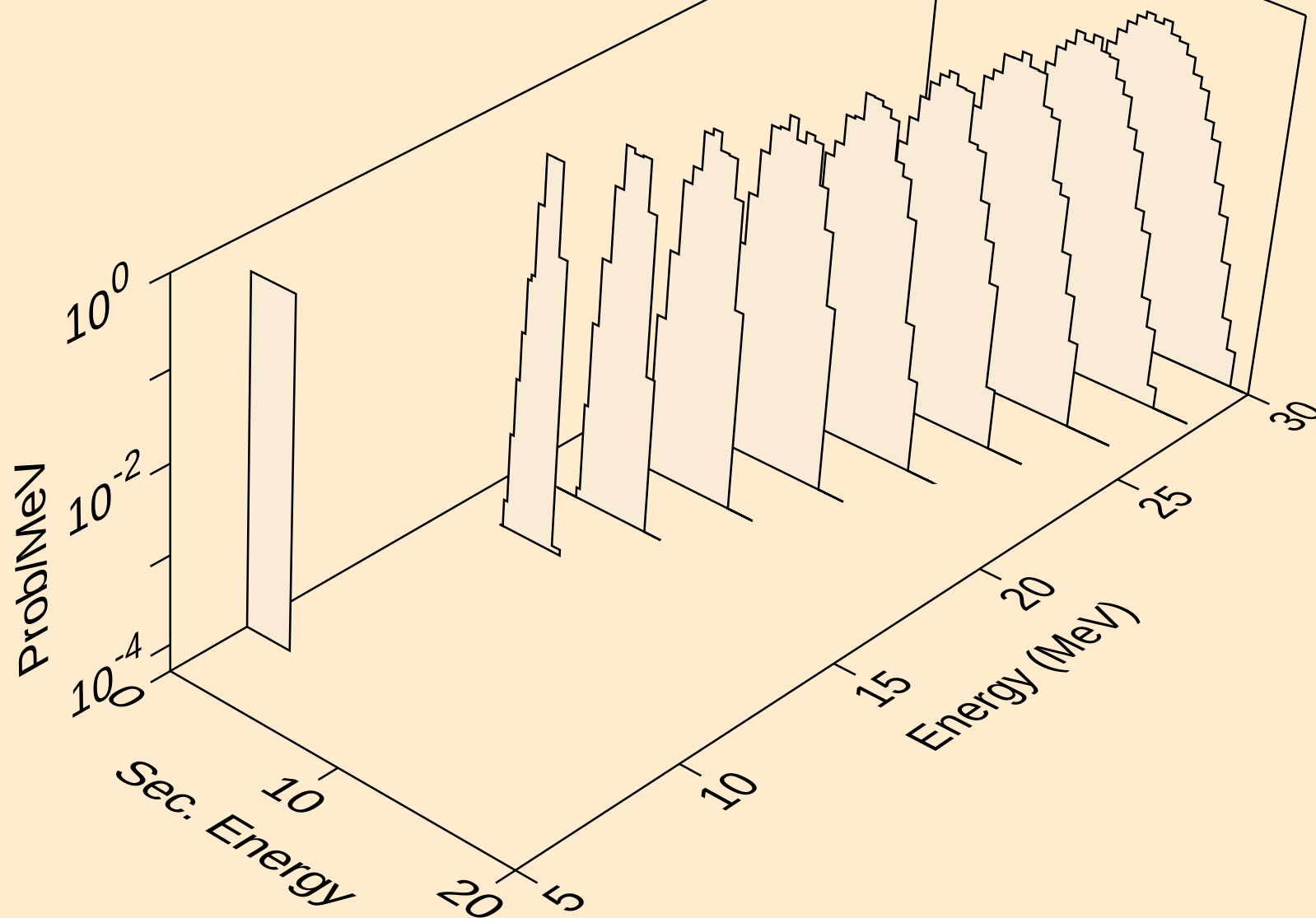
RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



RU102 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

