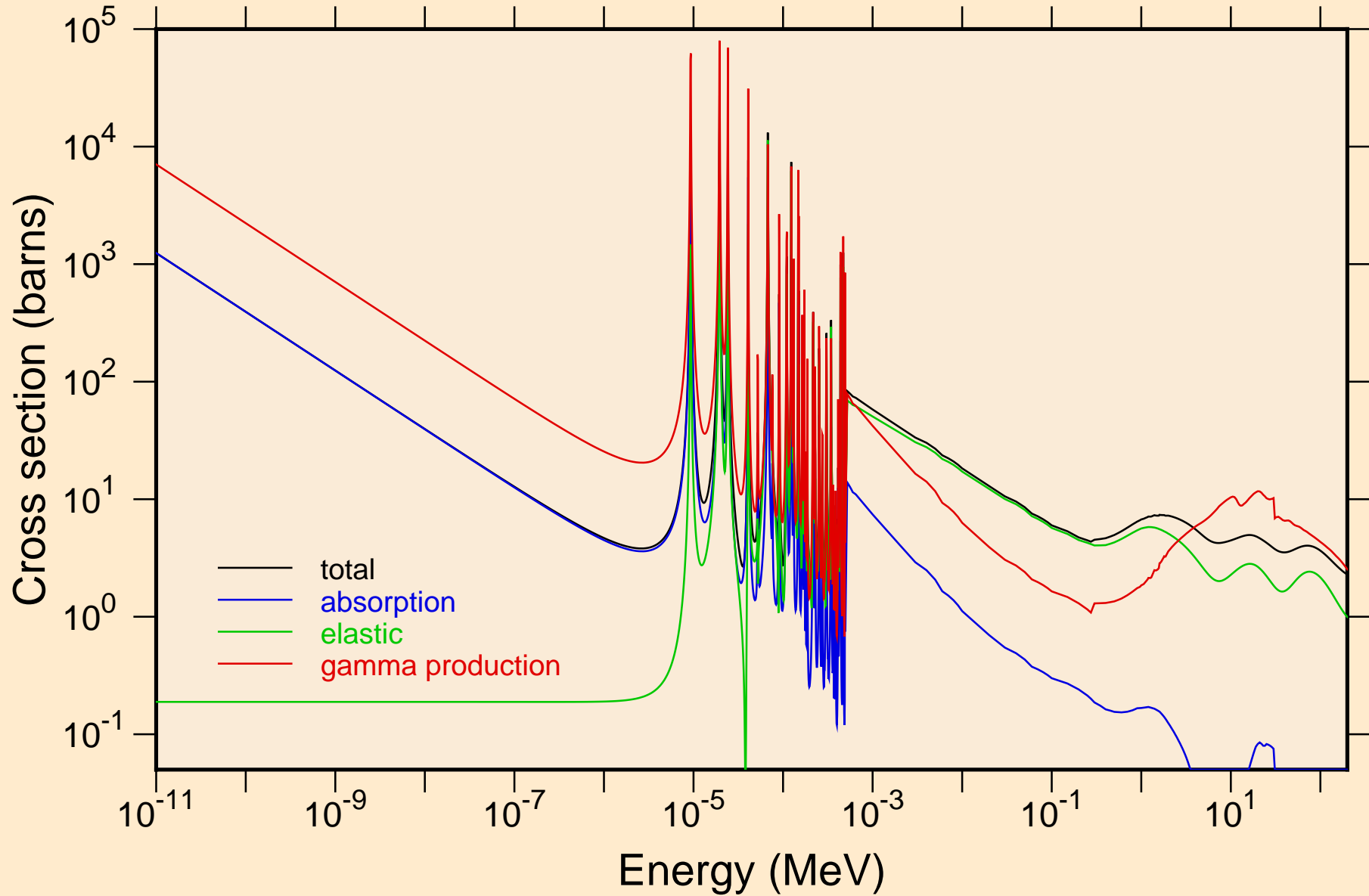
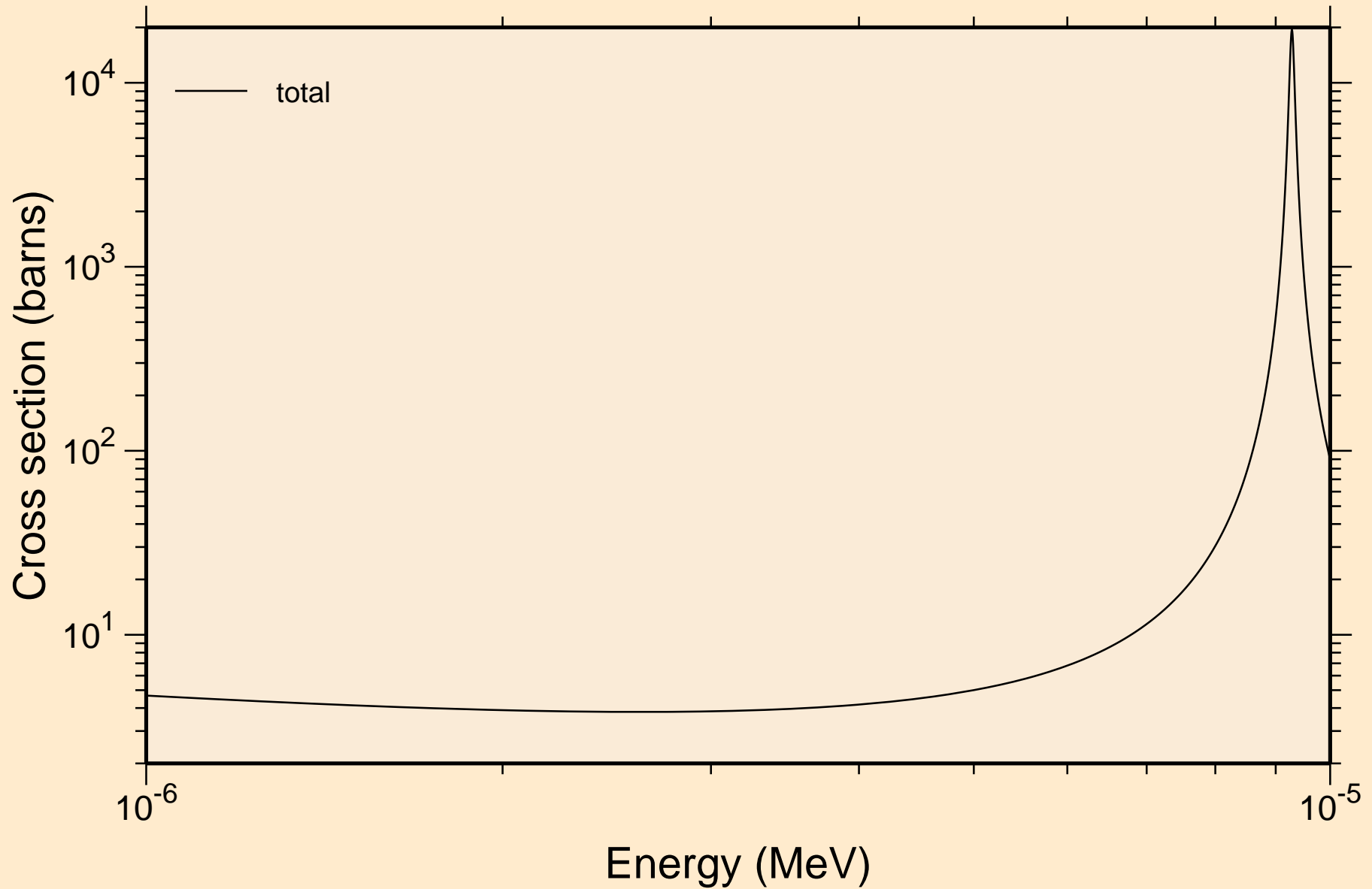


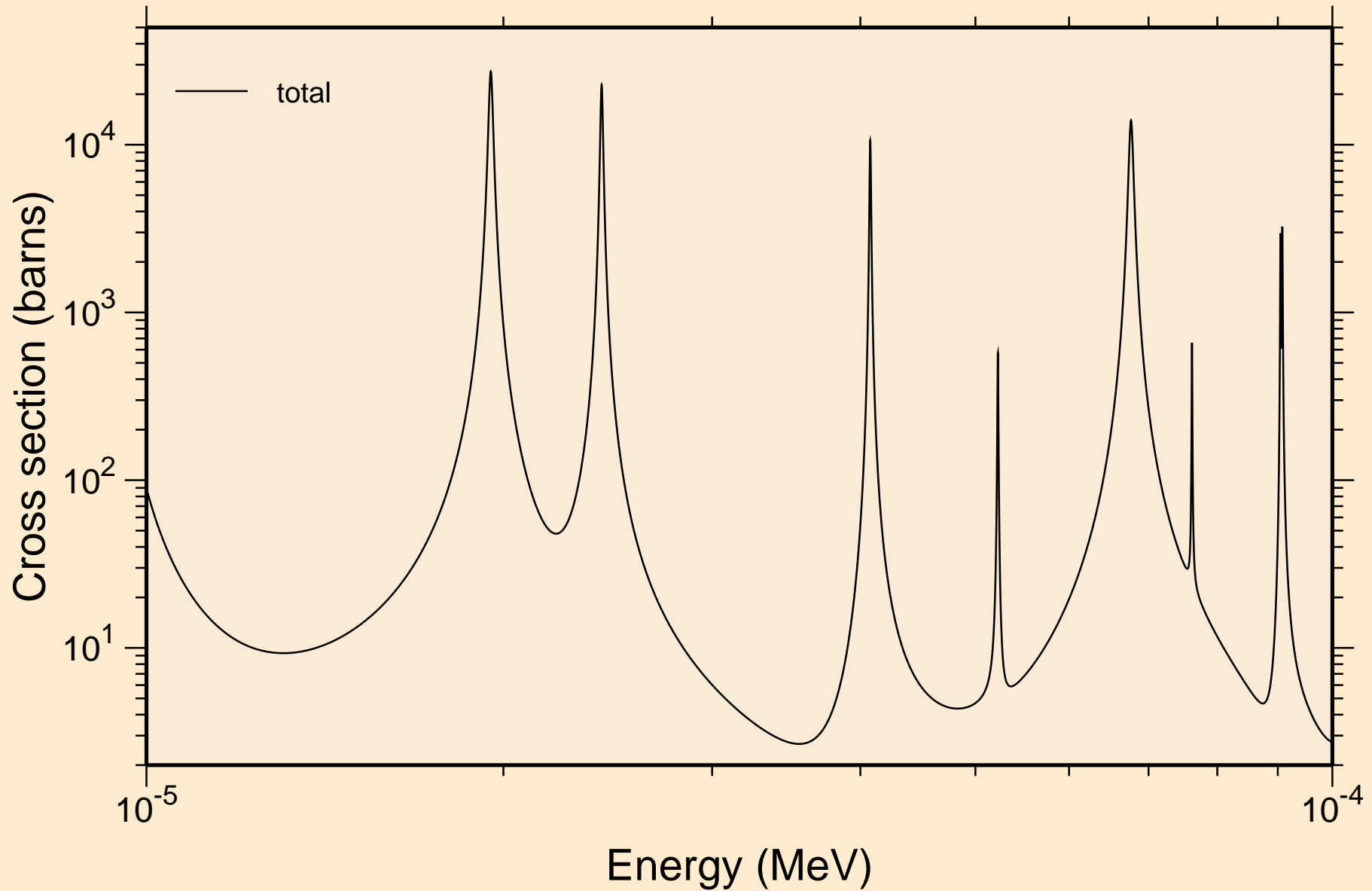
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



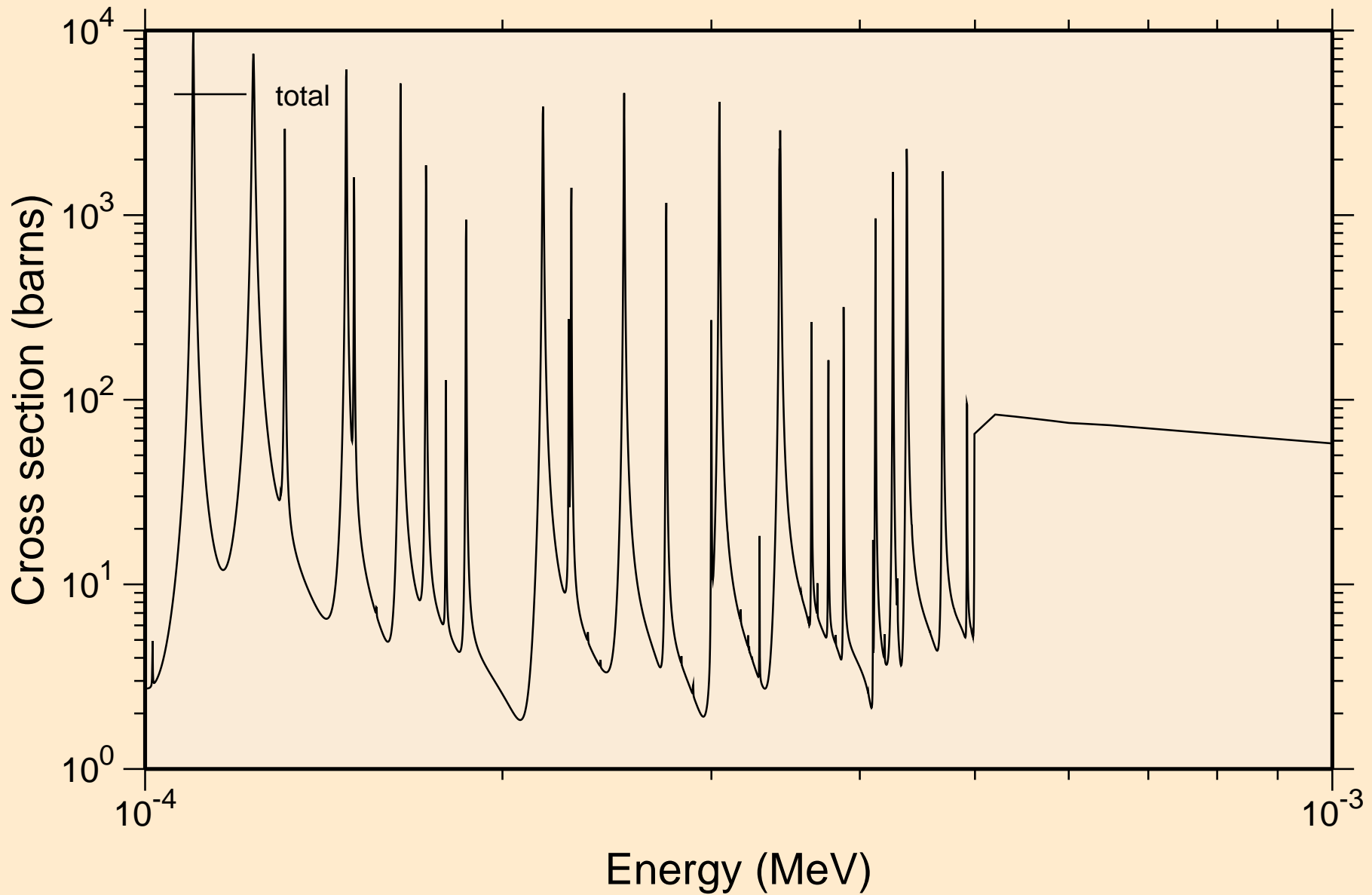
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



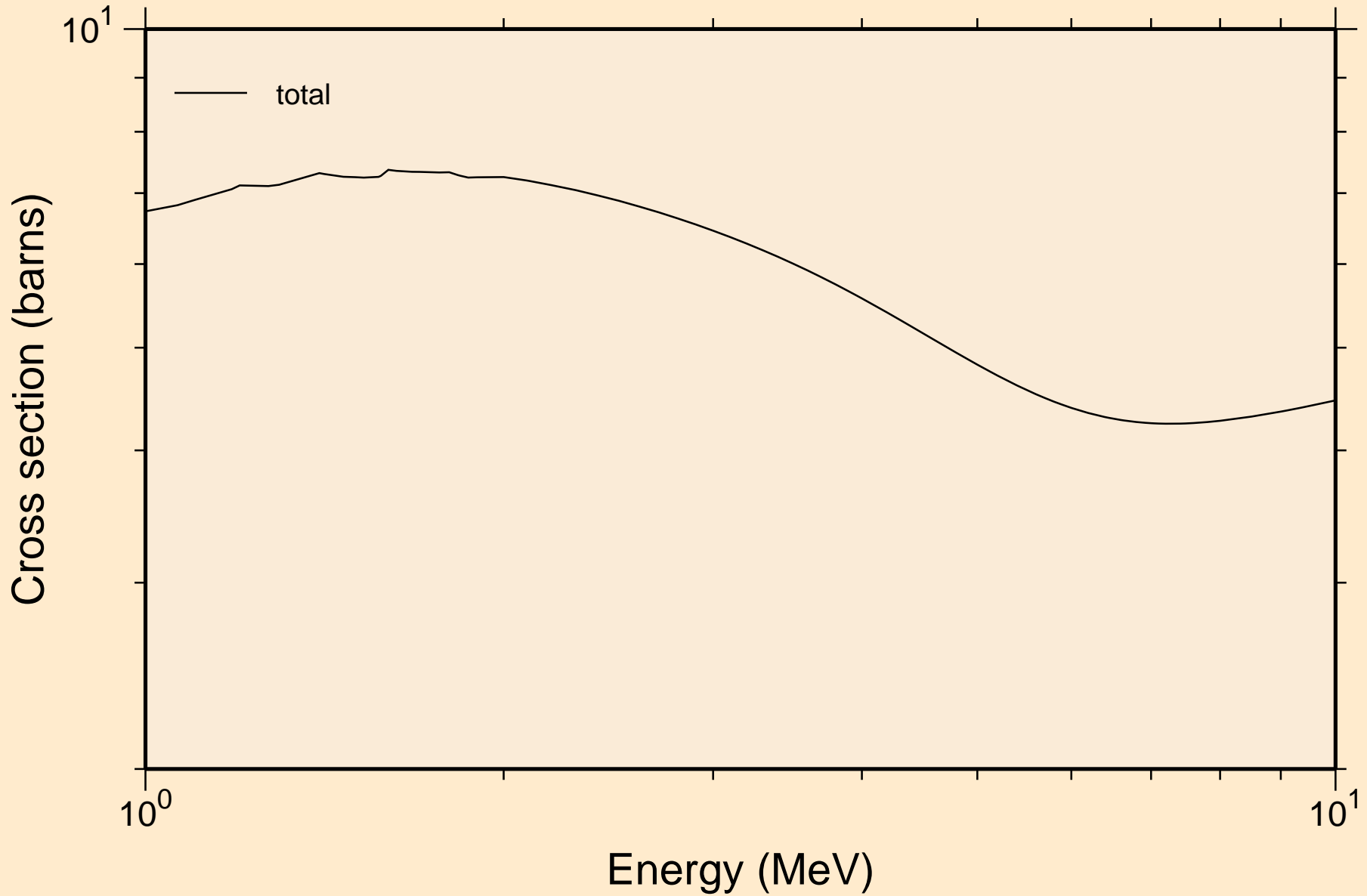
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



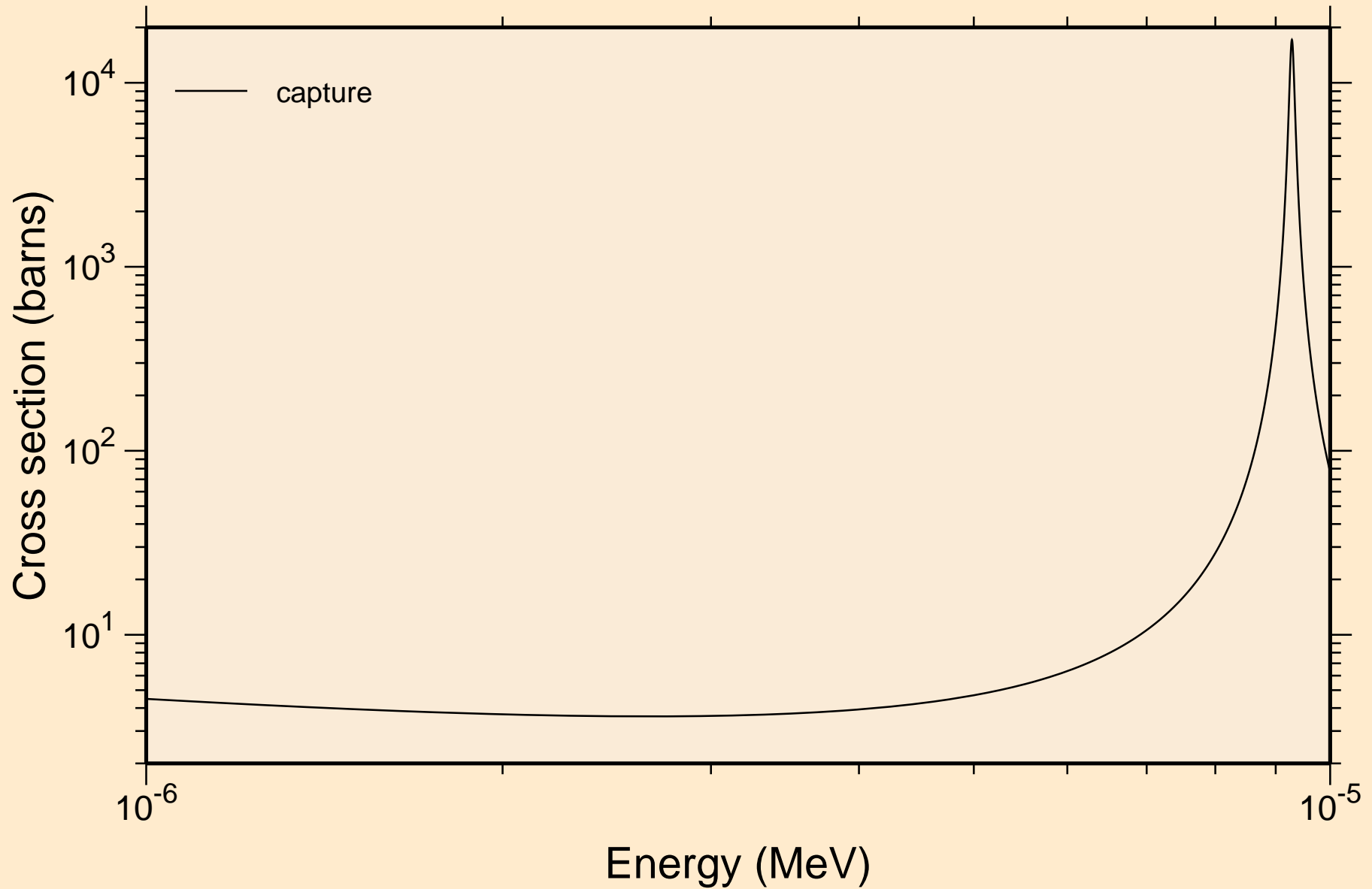
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resonance total cross section



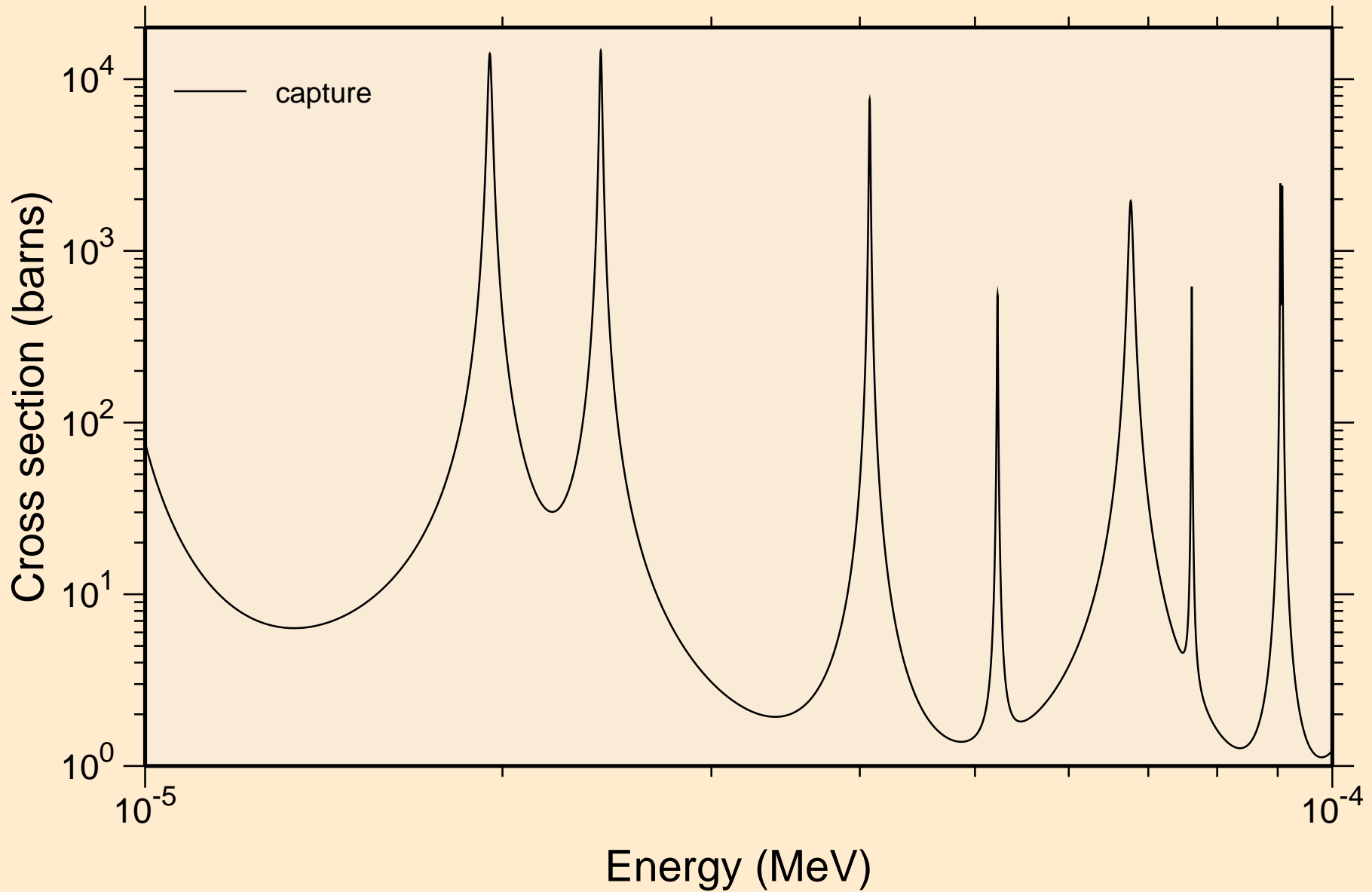
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



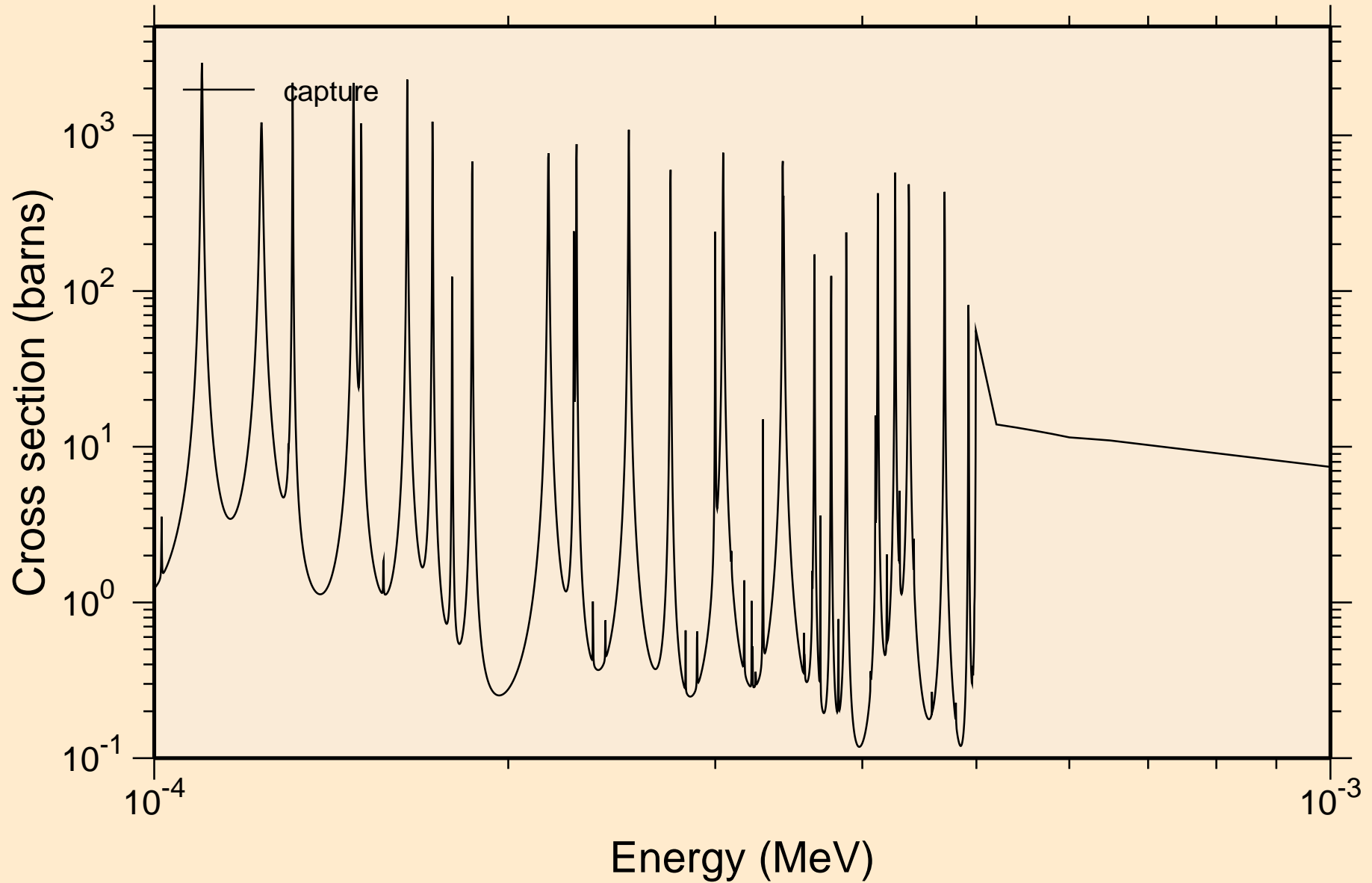
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



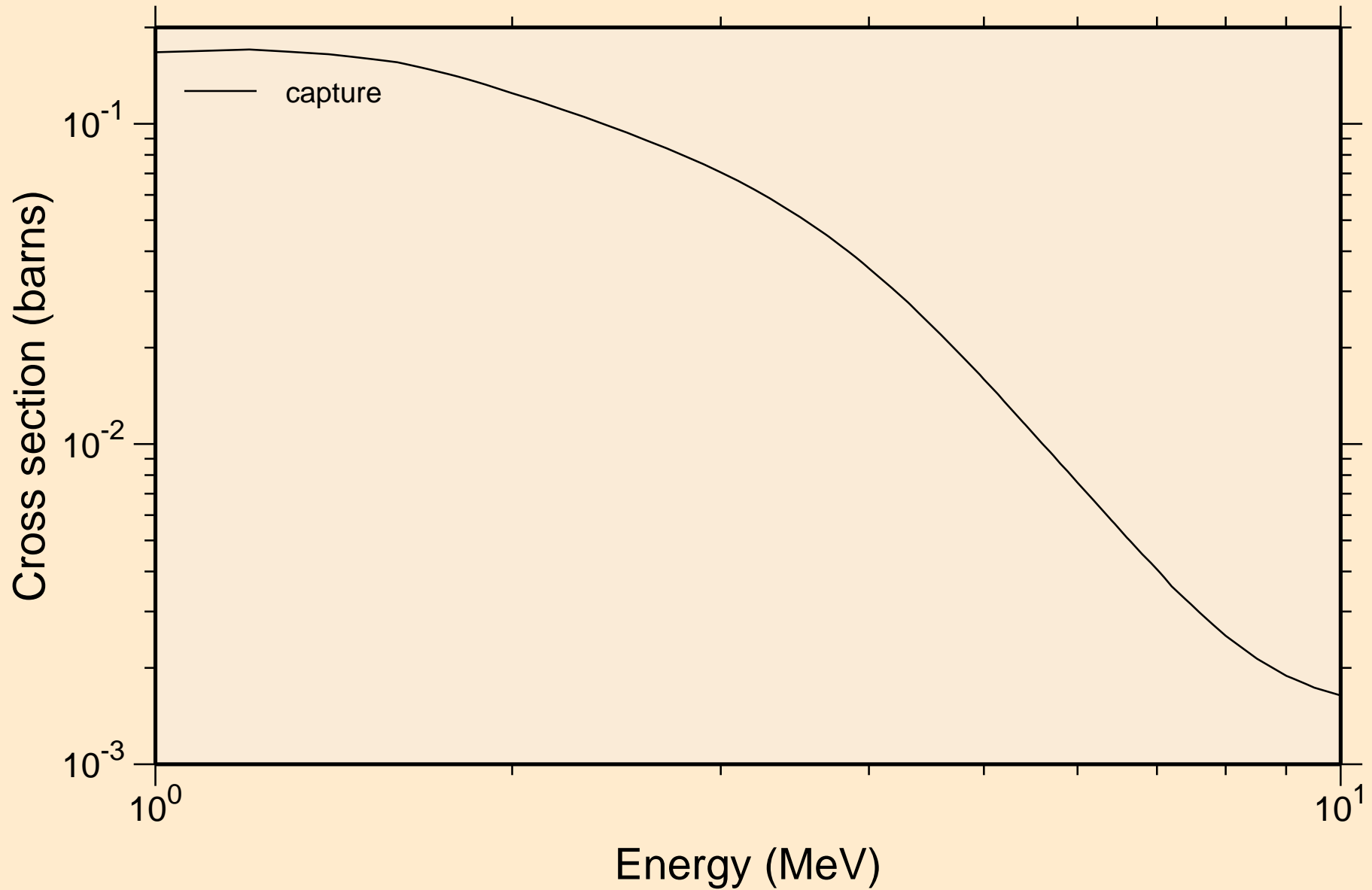
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



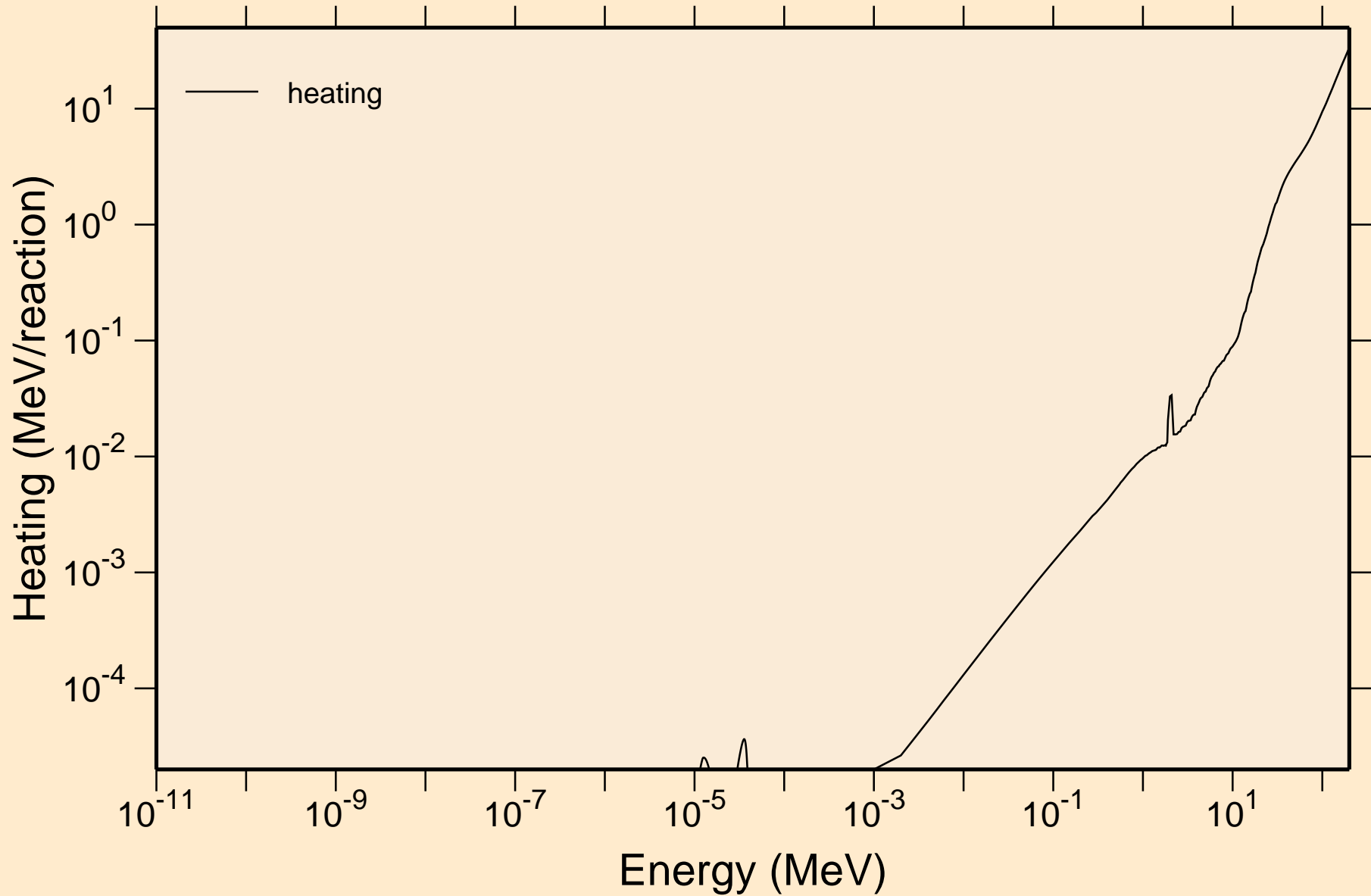
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resonance absorption cross sections



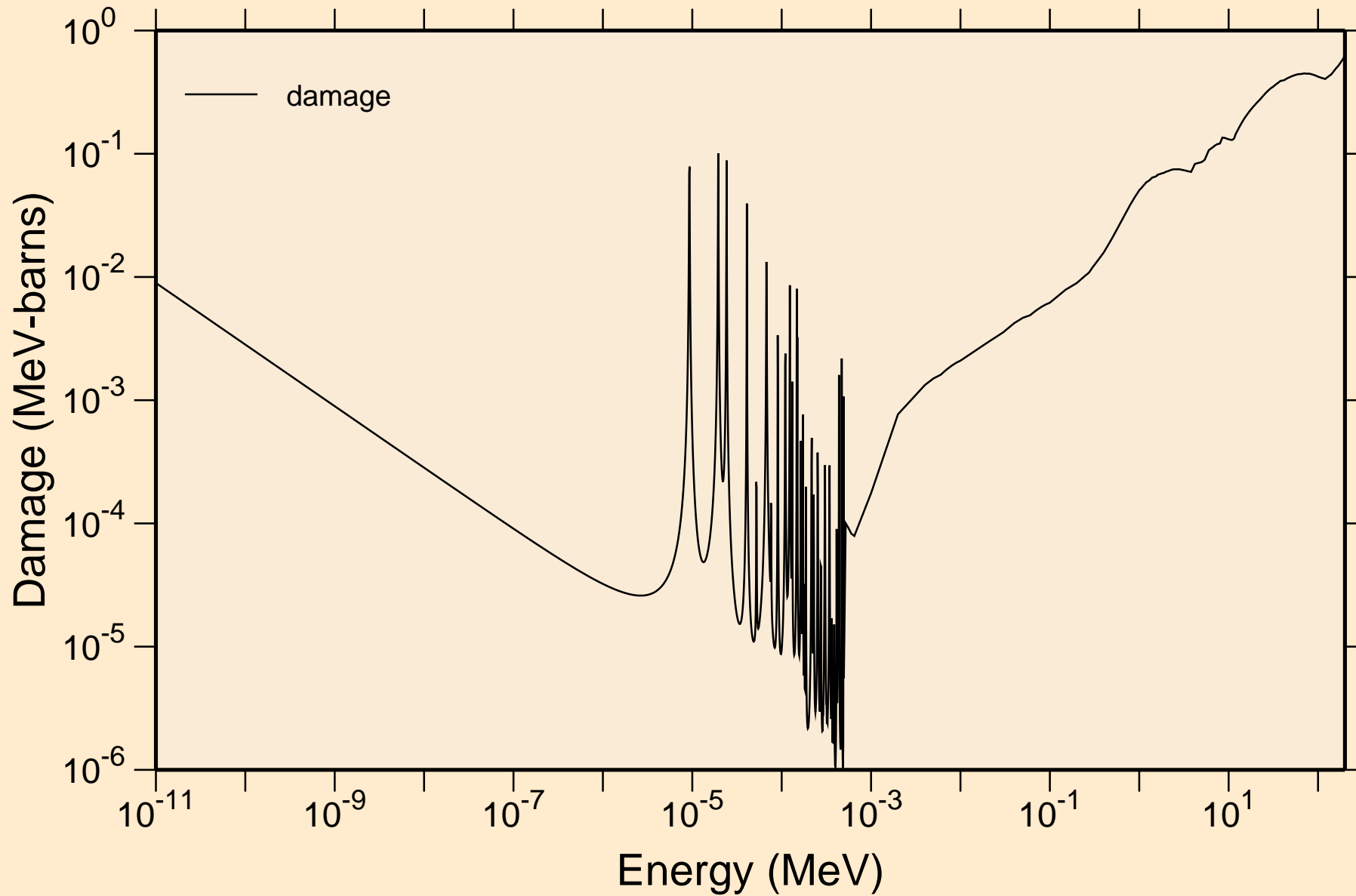
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resonance absorption cross sections



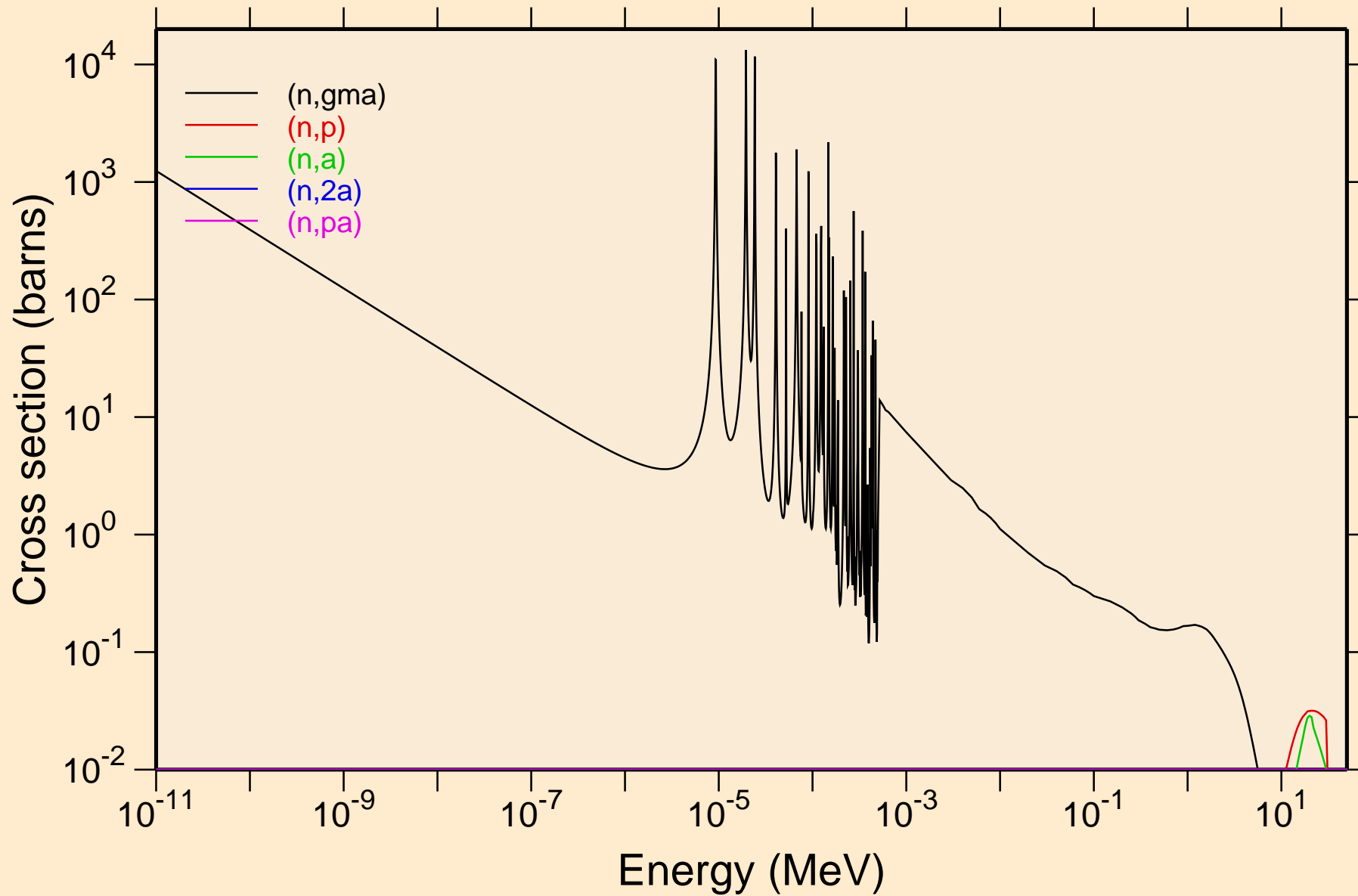
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Heating



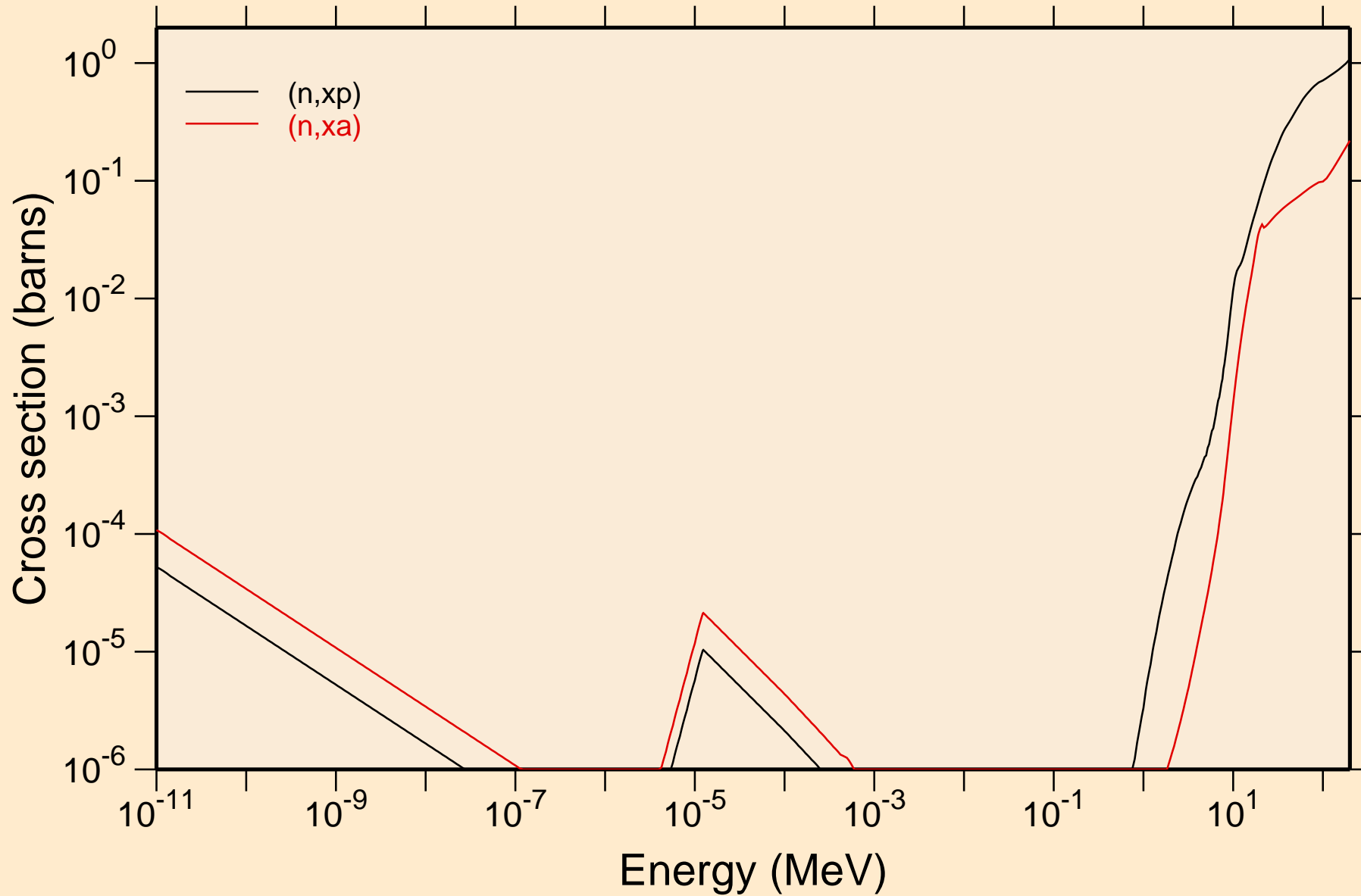
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage



PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

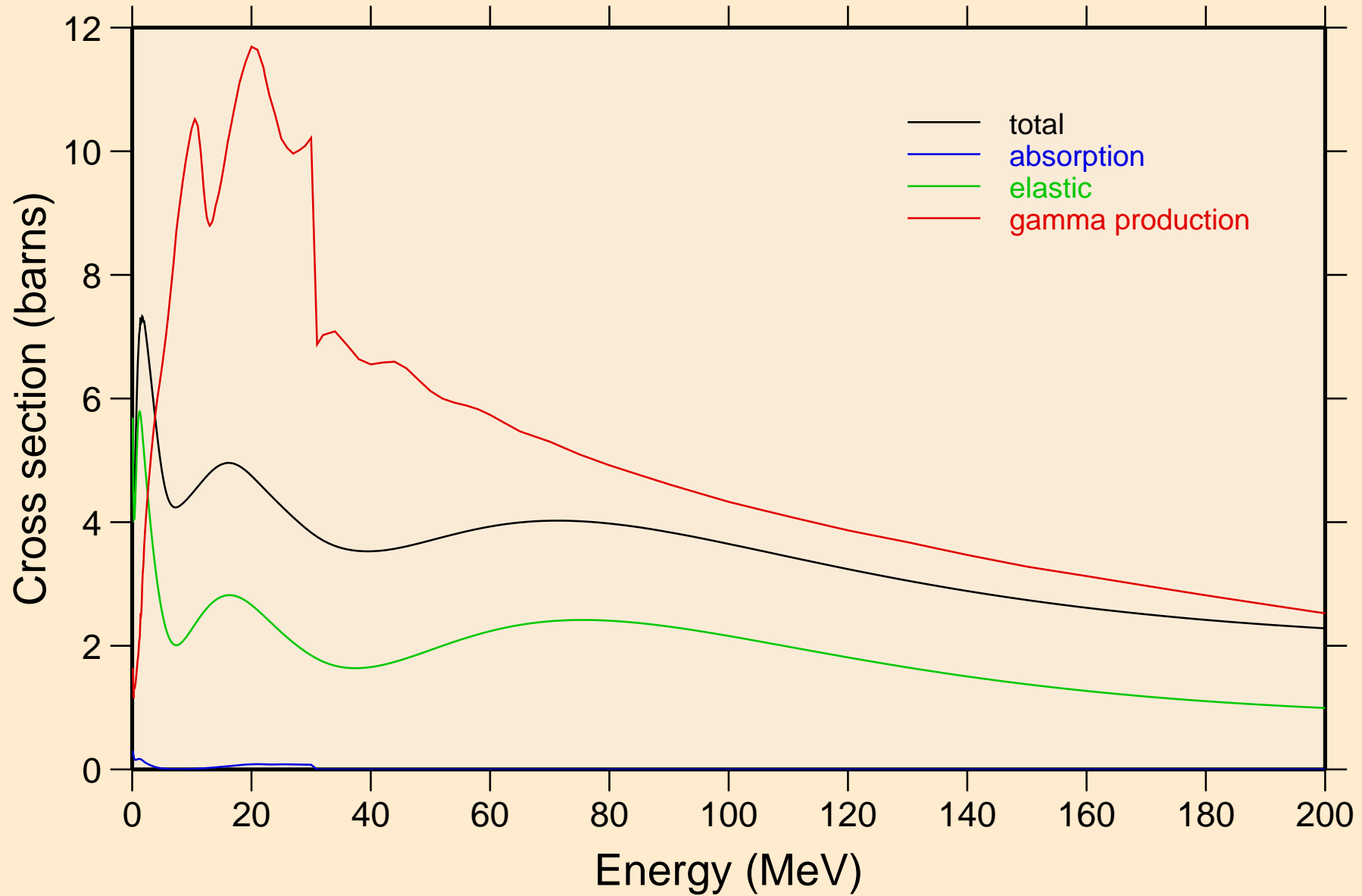


PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



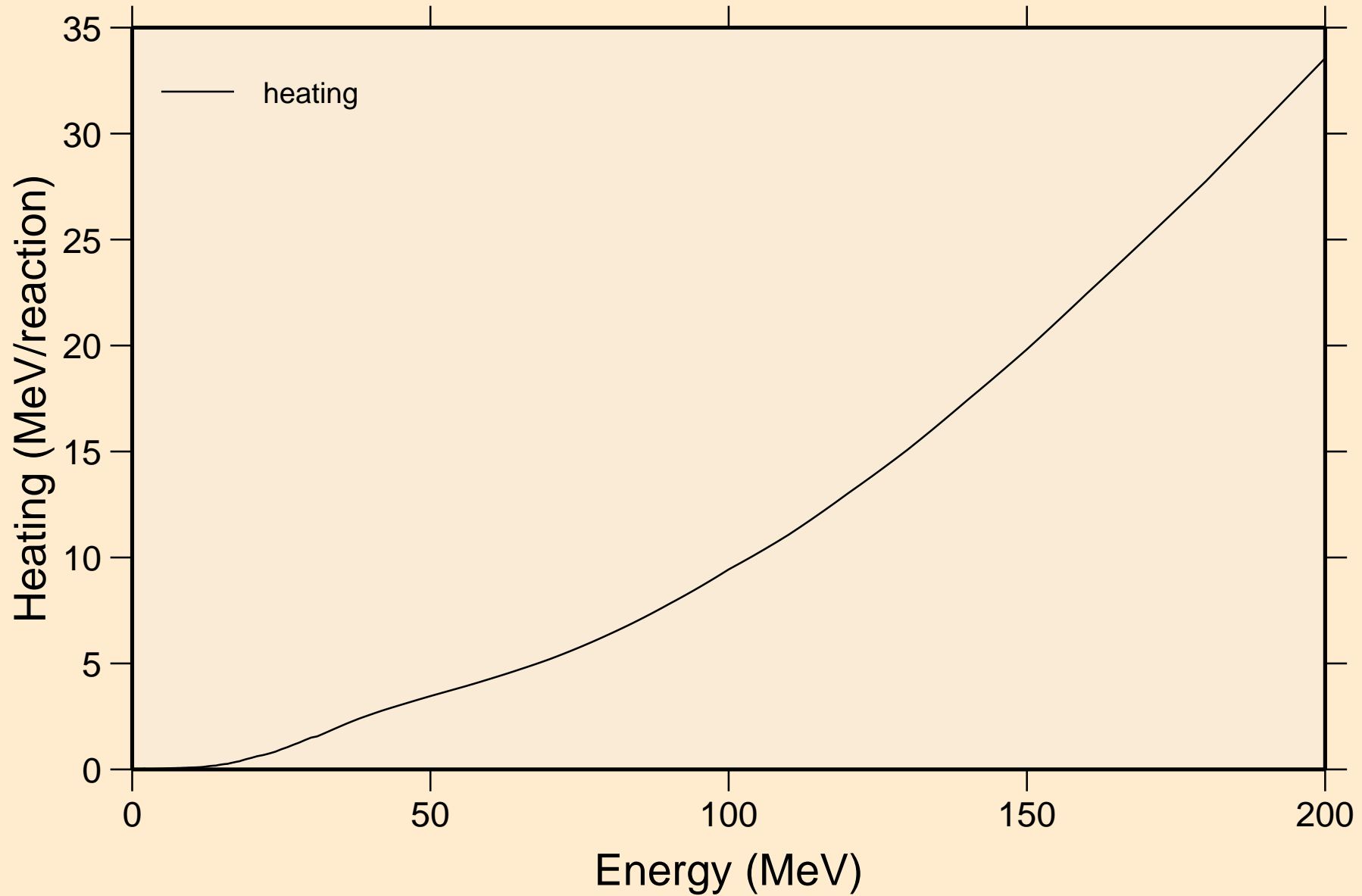
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Principal cross sections

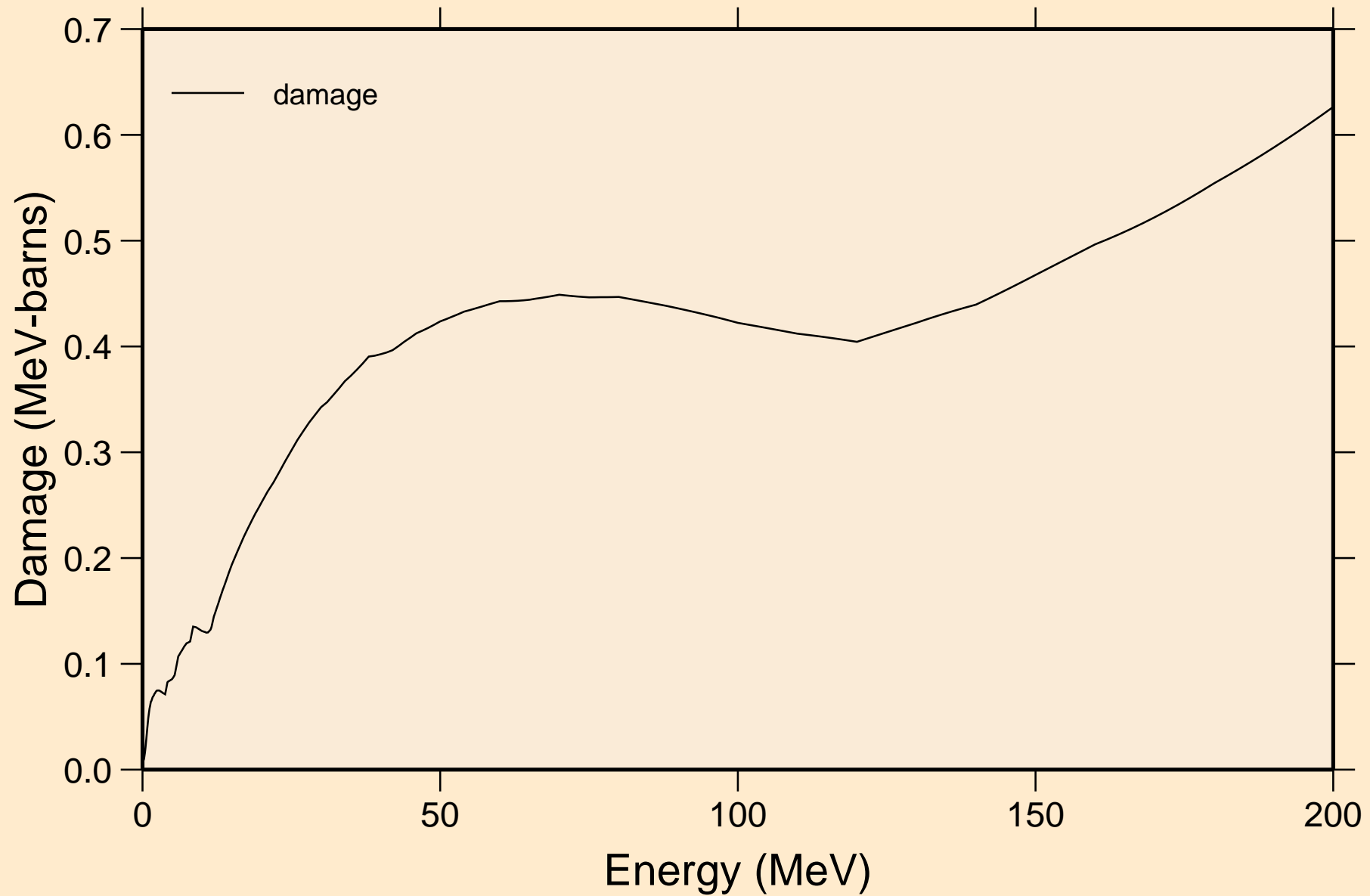


PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

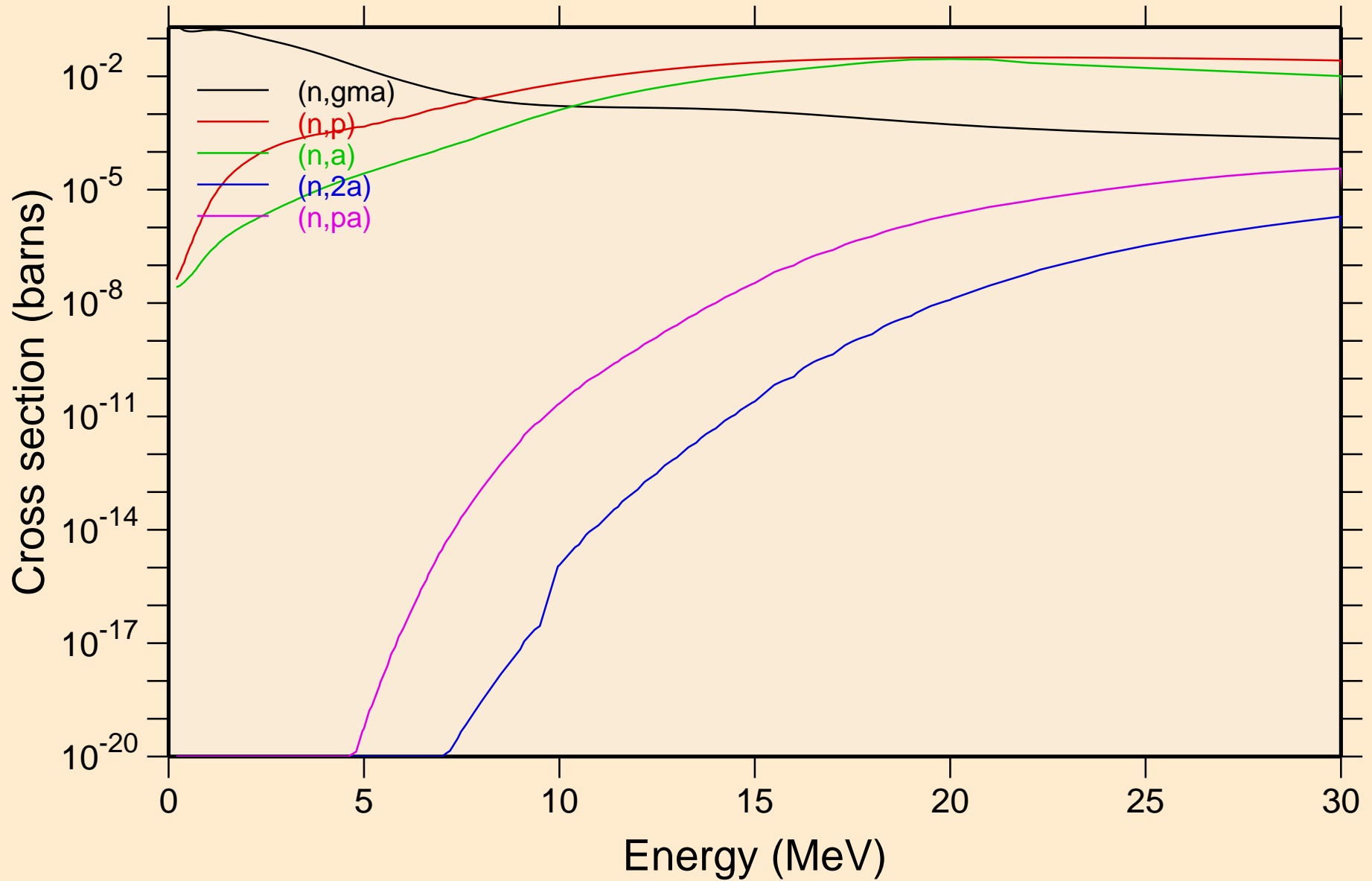
Heating



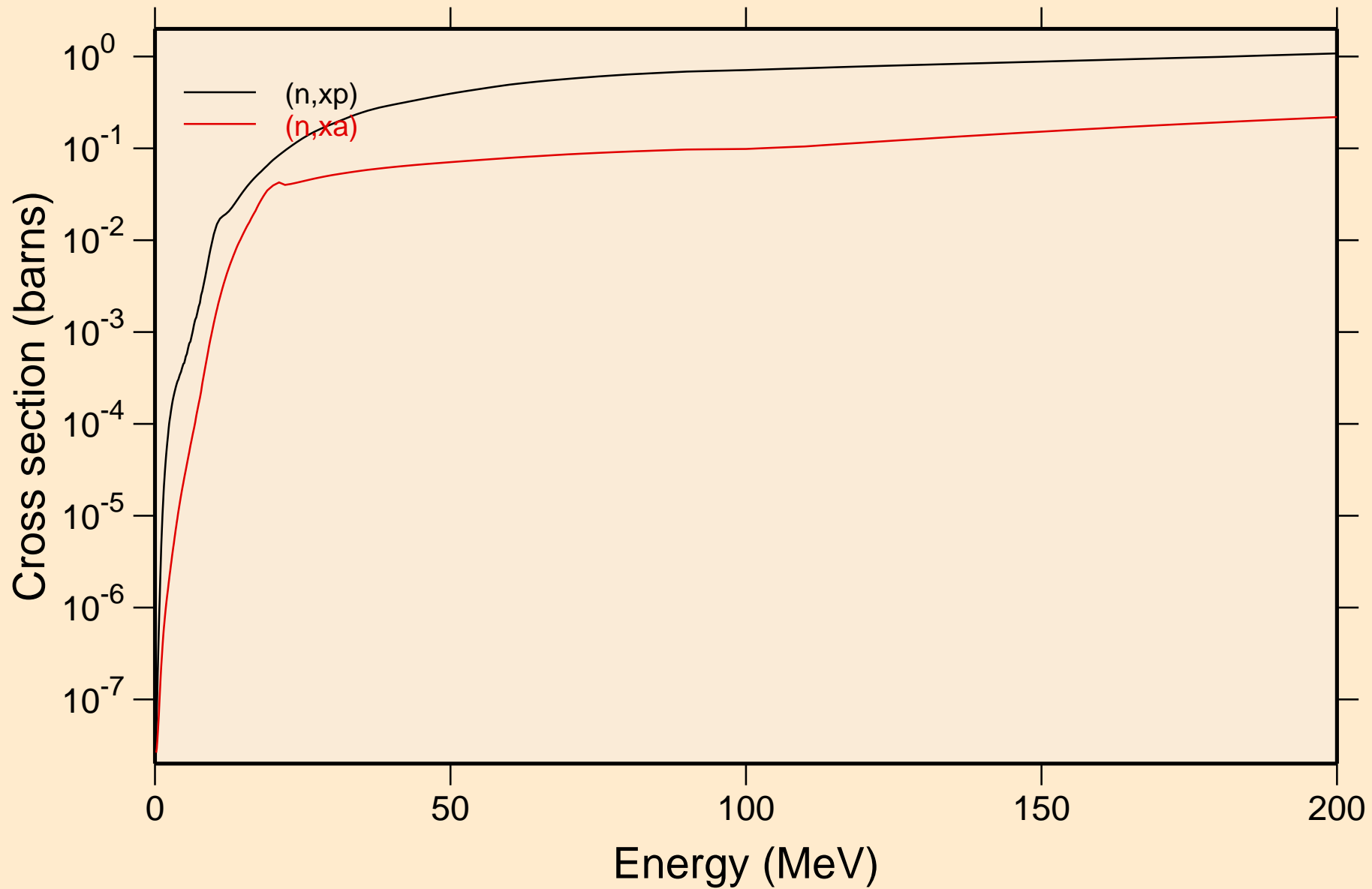
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Damage



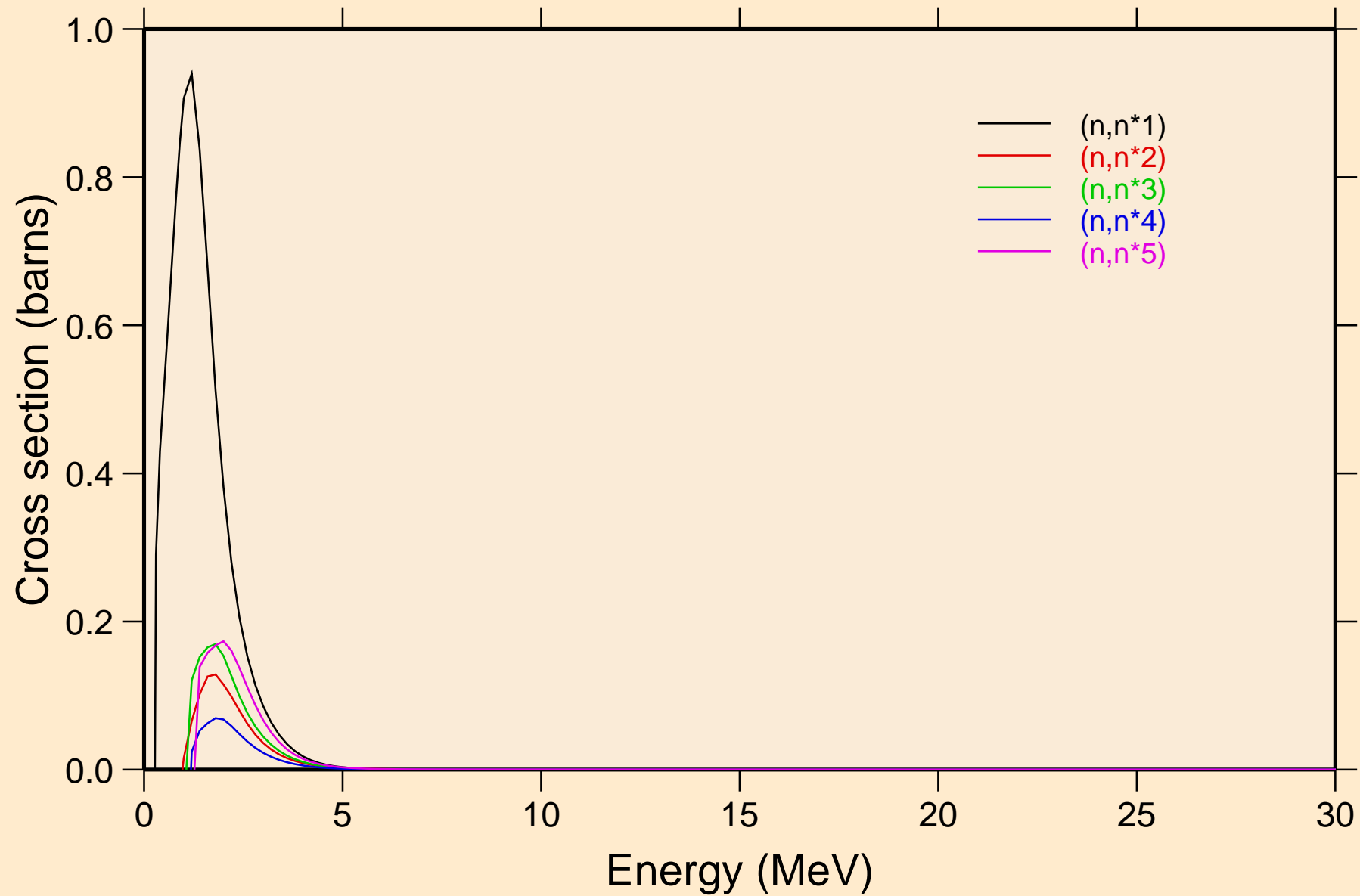
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Non-threshold reactions



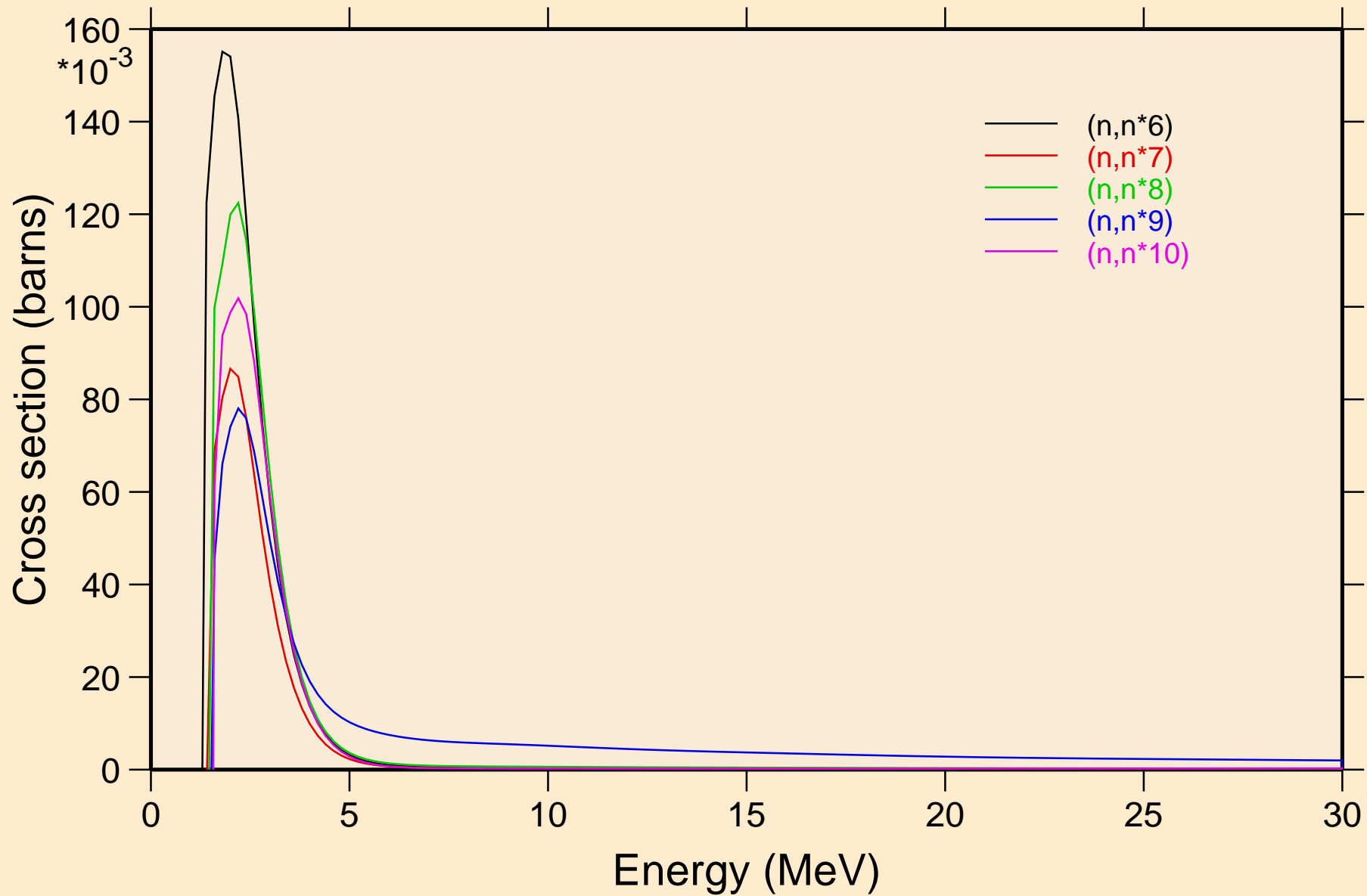
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Non-threshold reactions



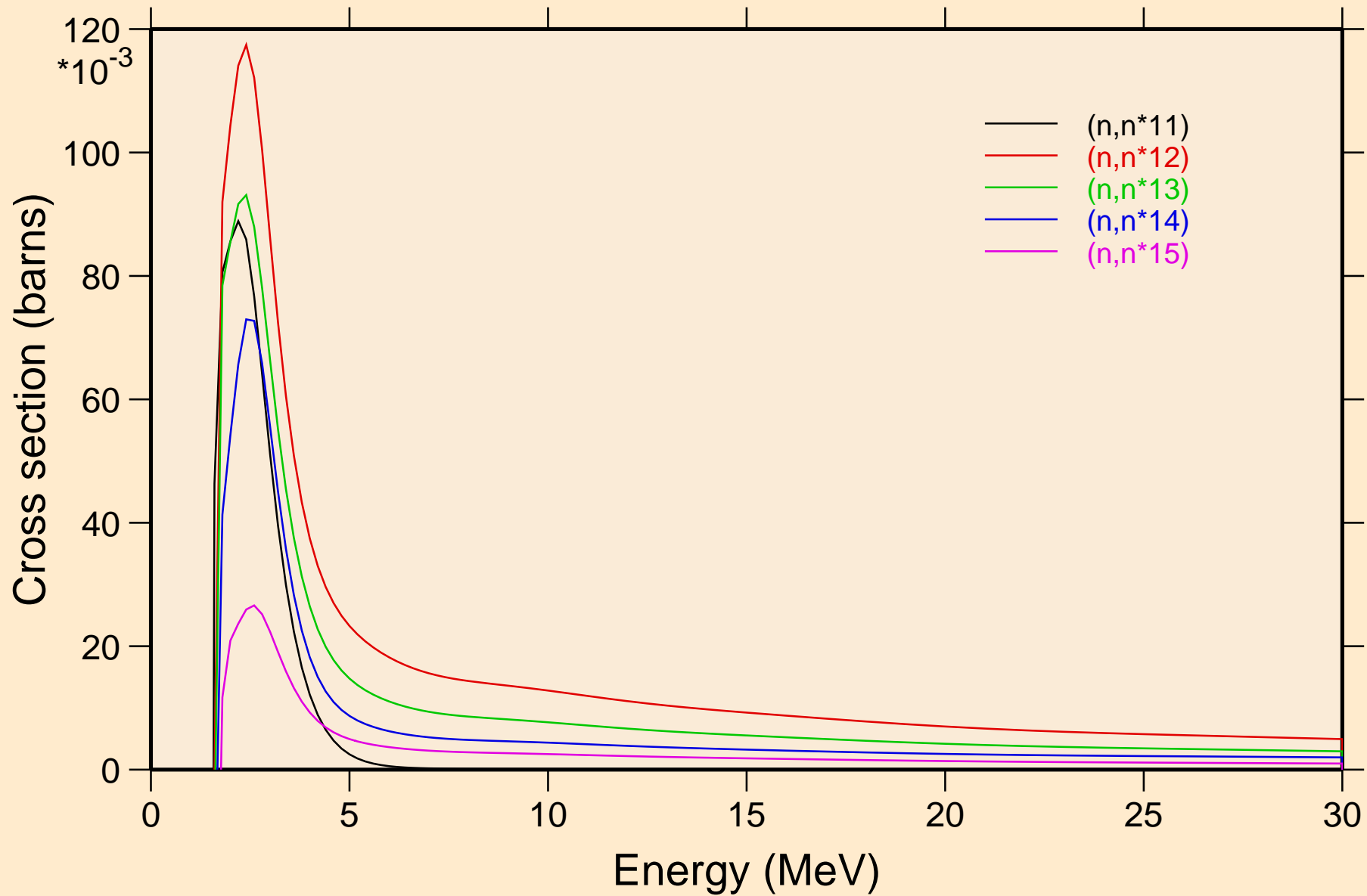
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



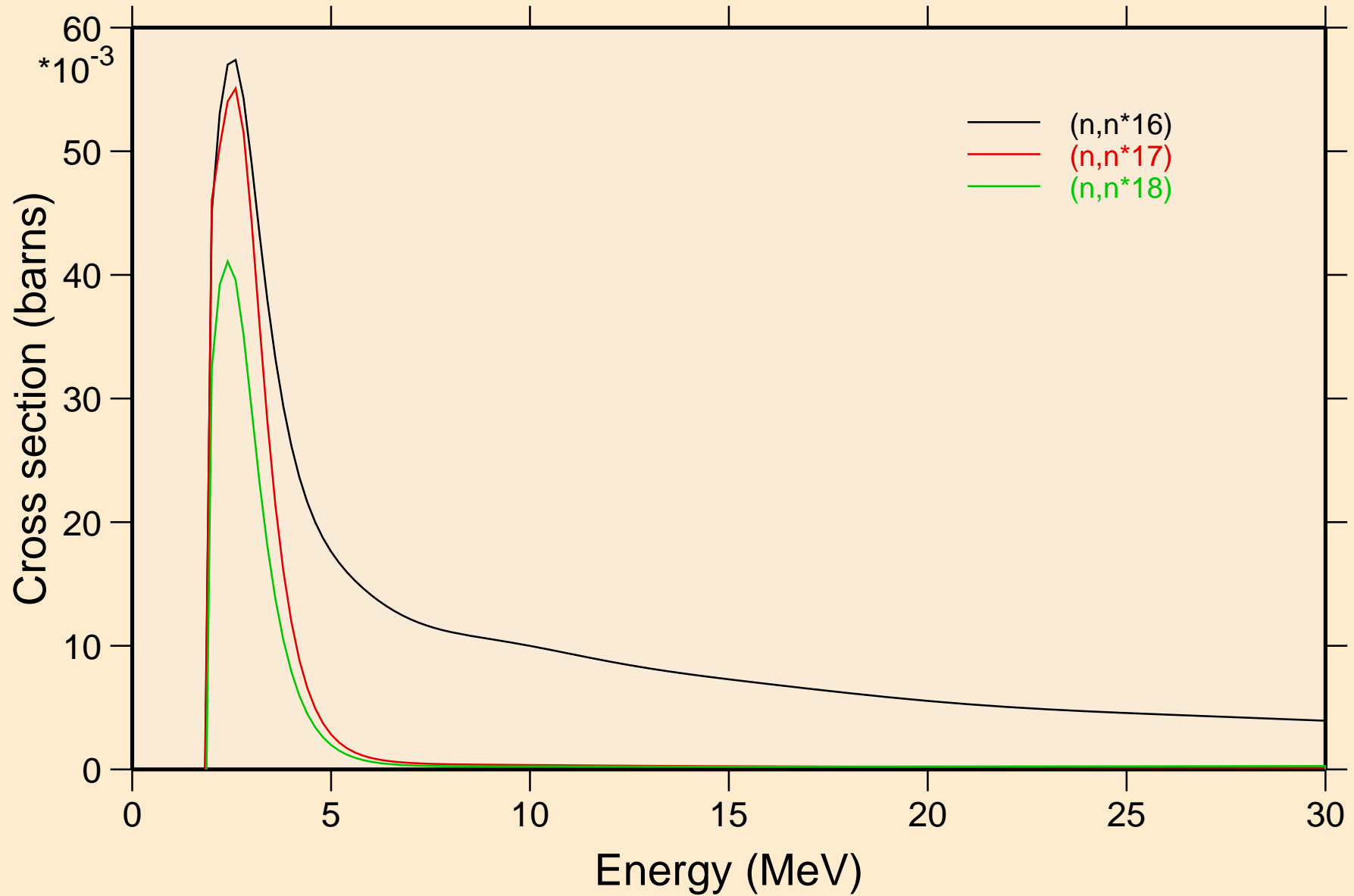
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Inelastic levels



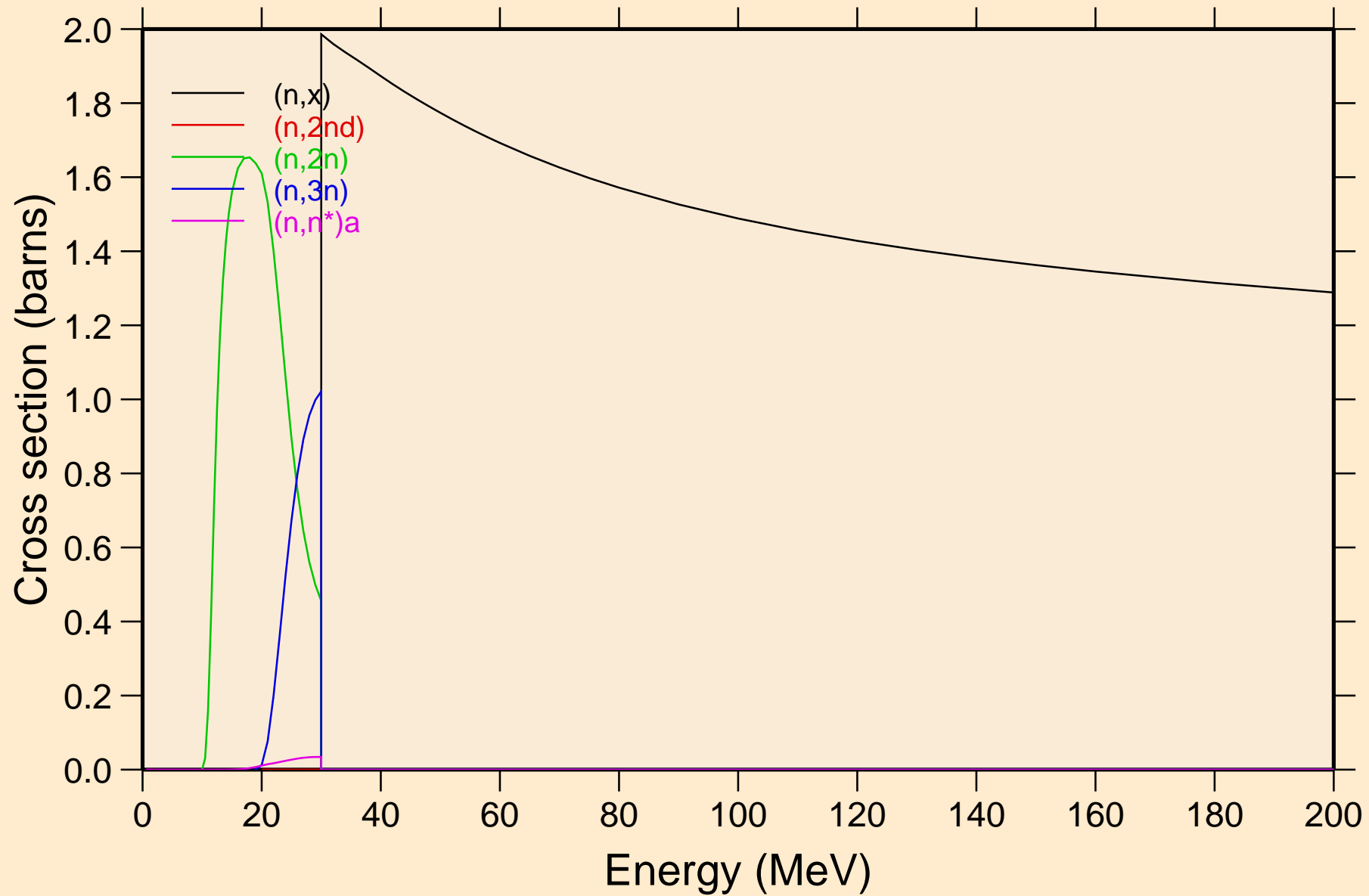
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Inelastic levels



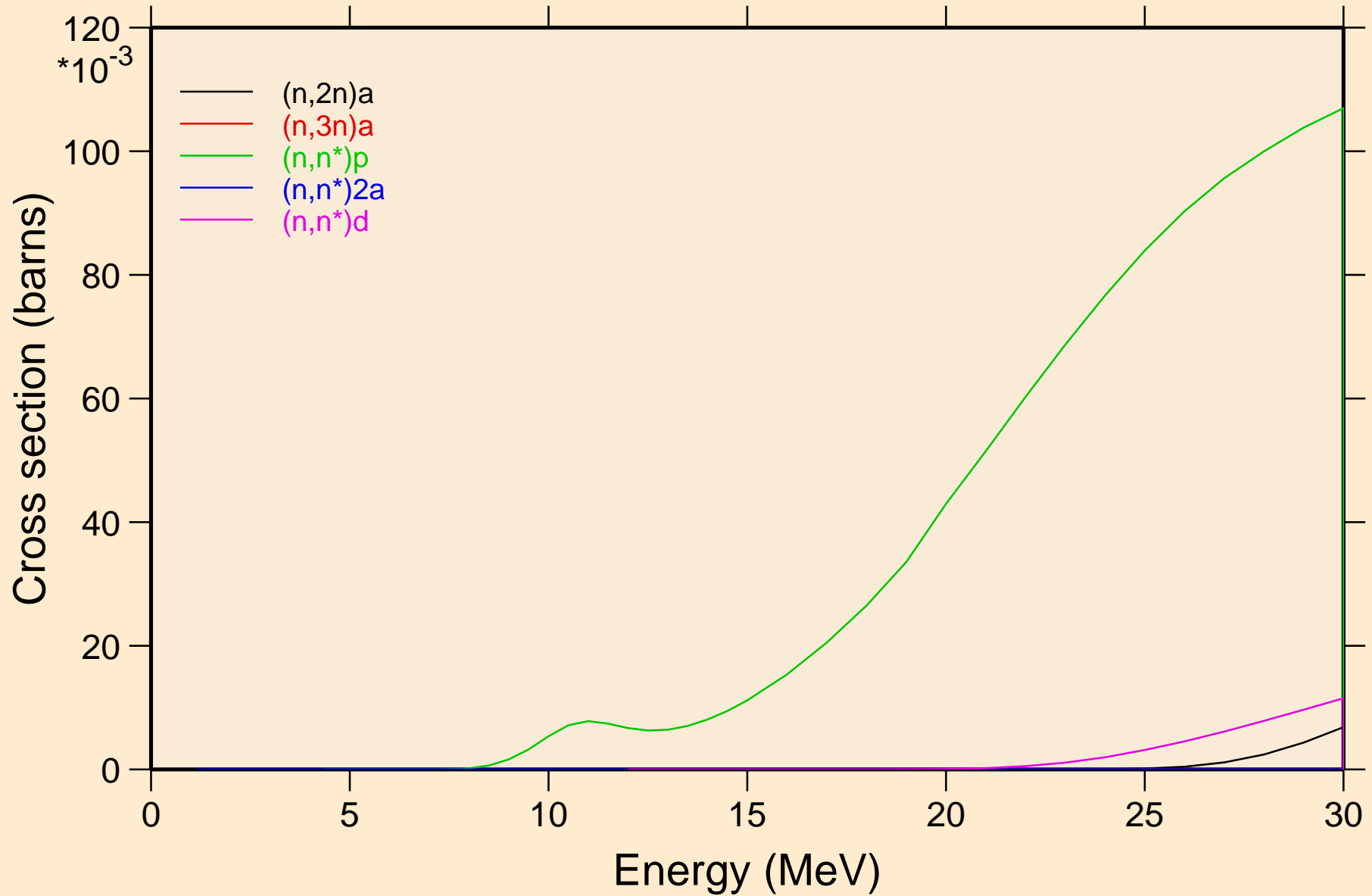
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



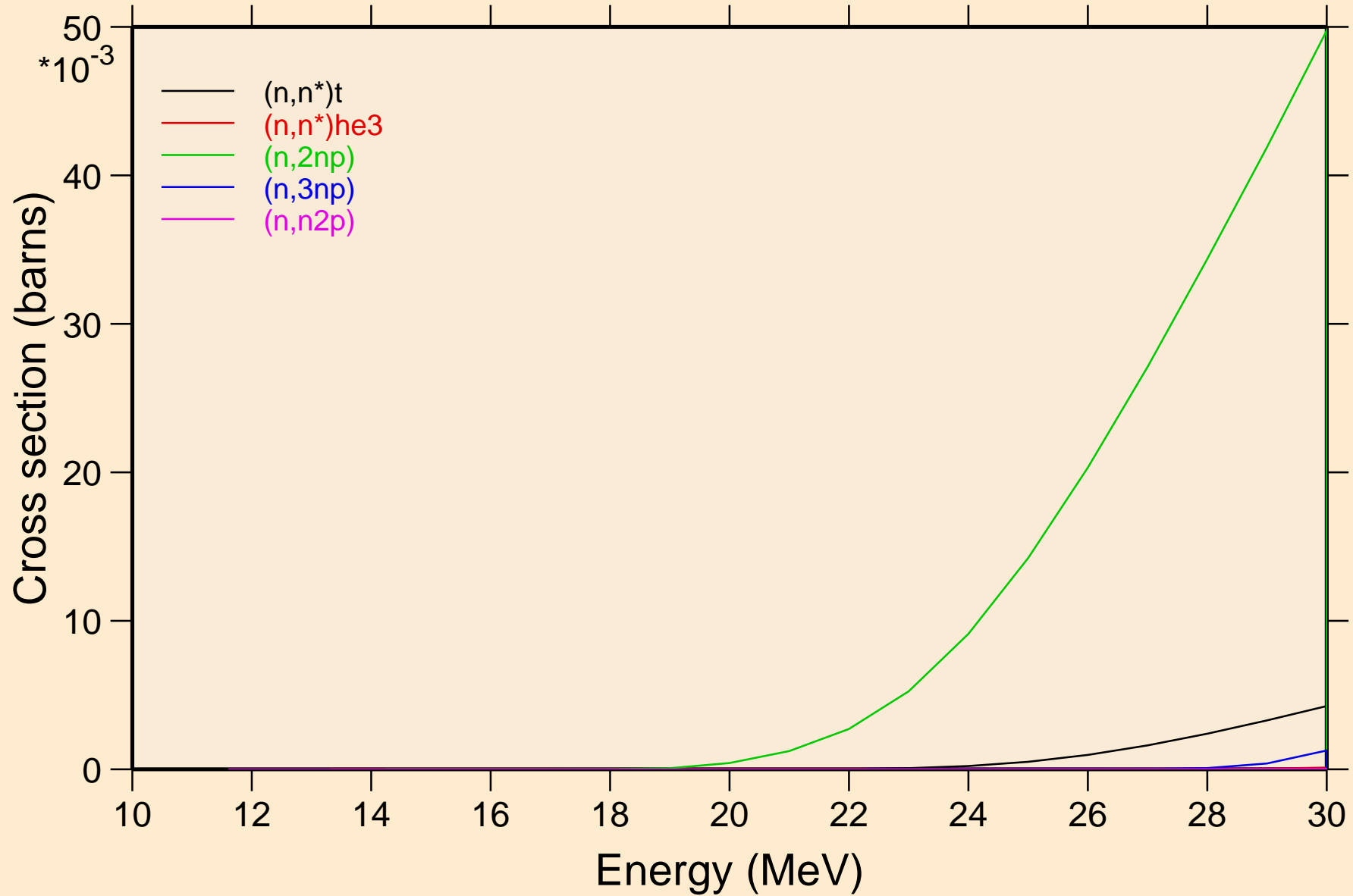
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Threshold reactions



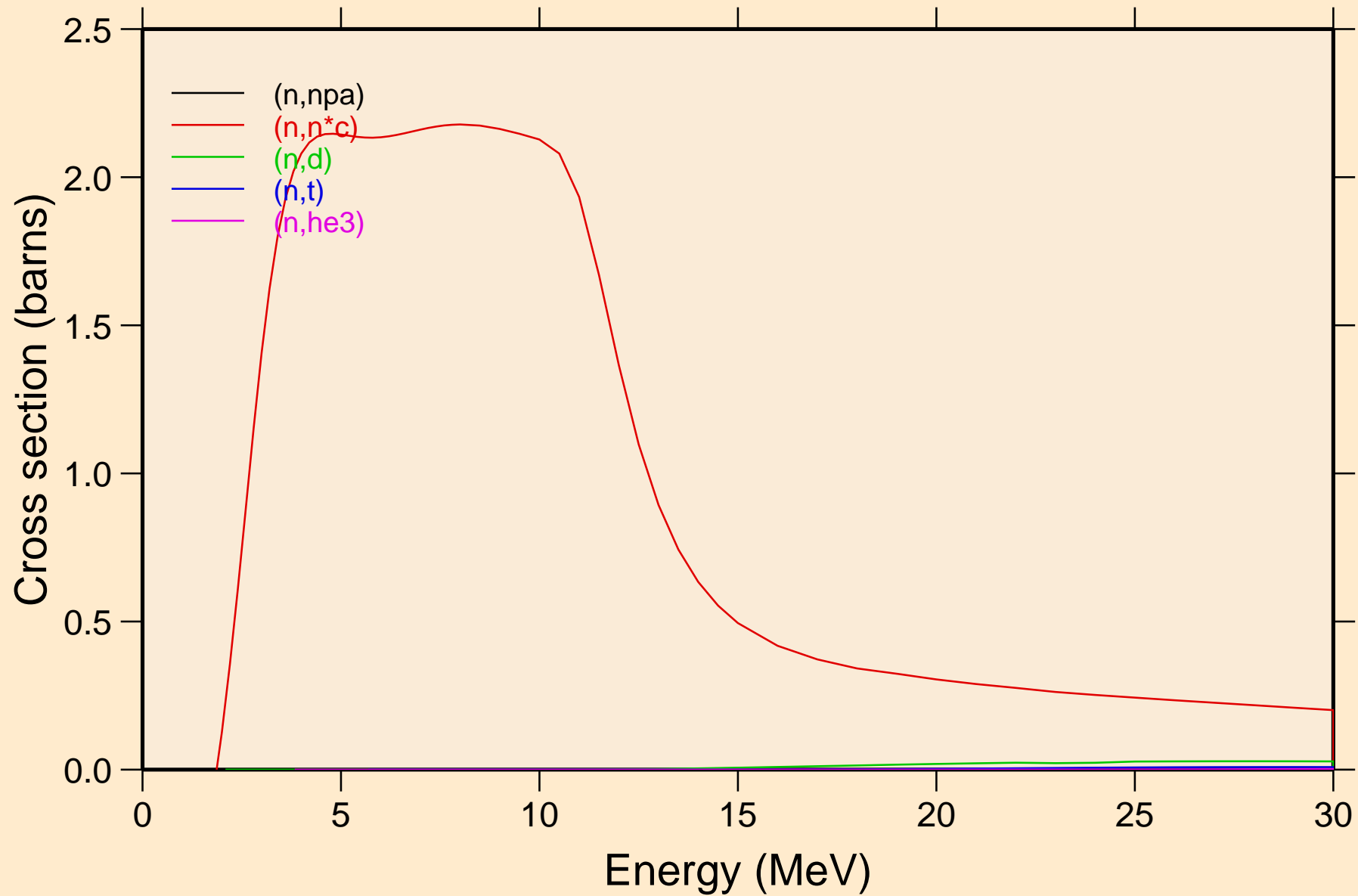
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



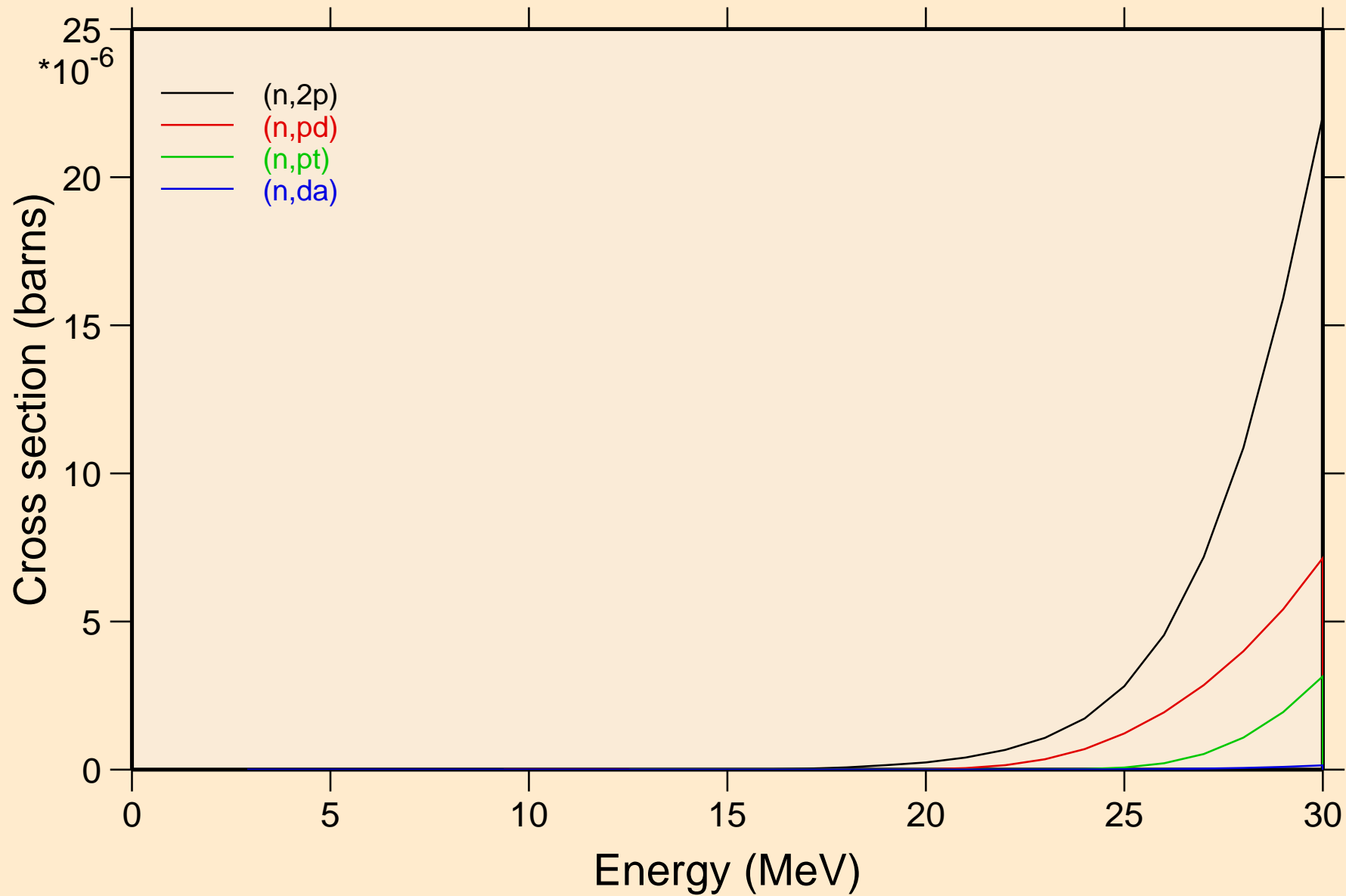
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



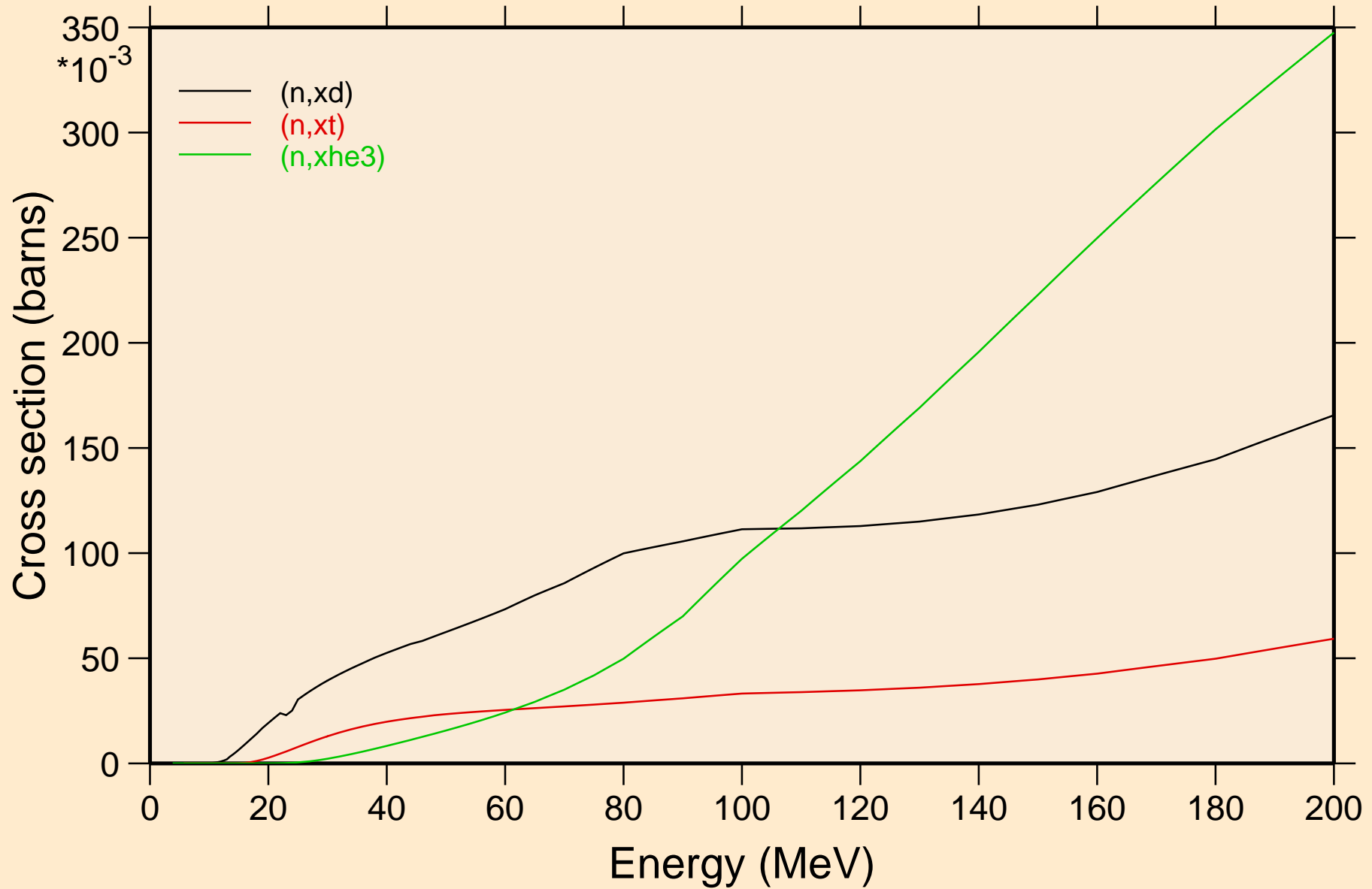
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Threshold reactions



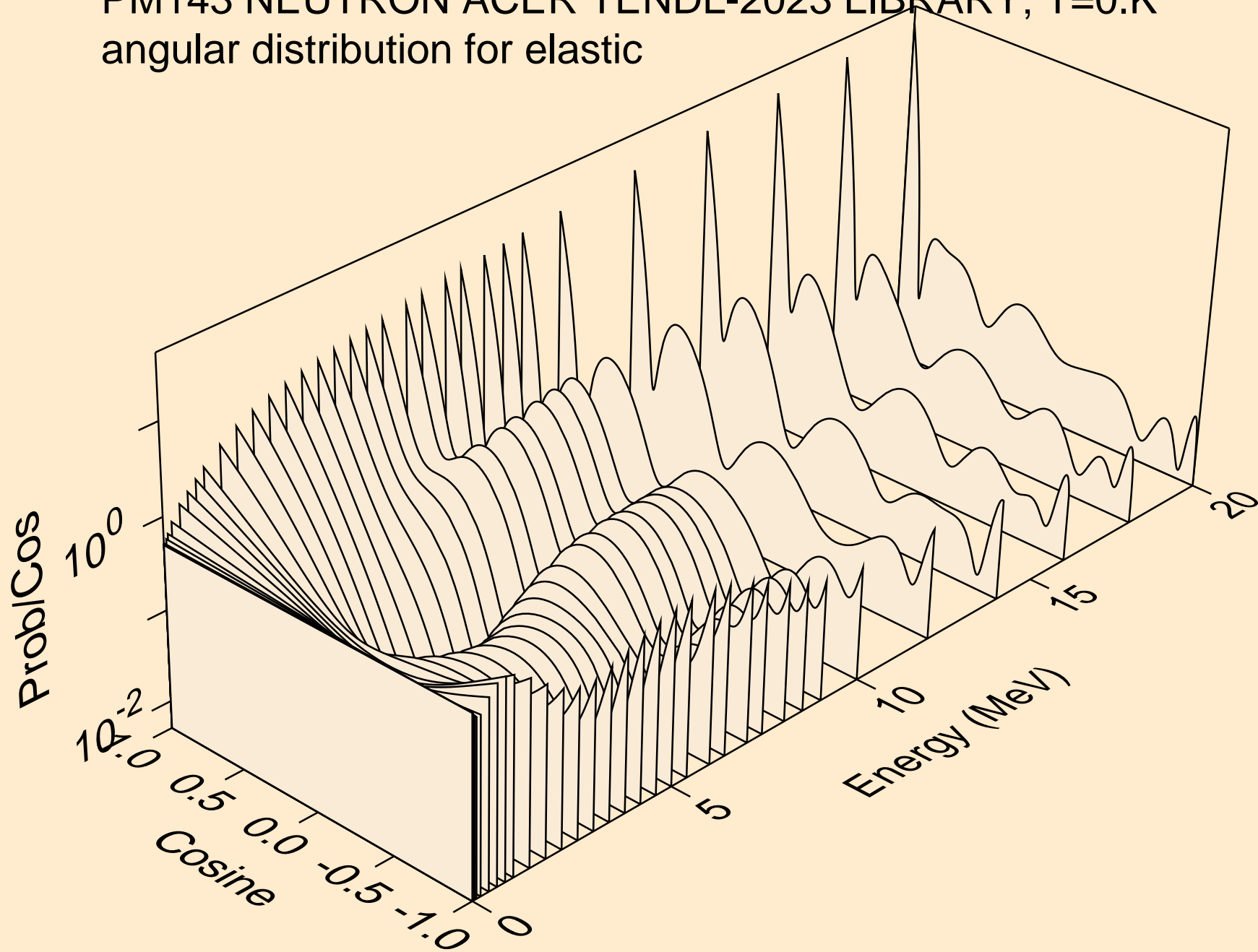
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



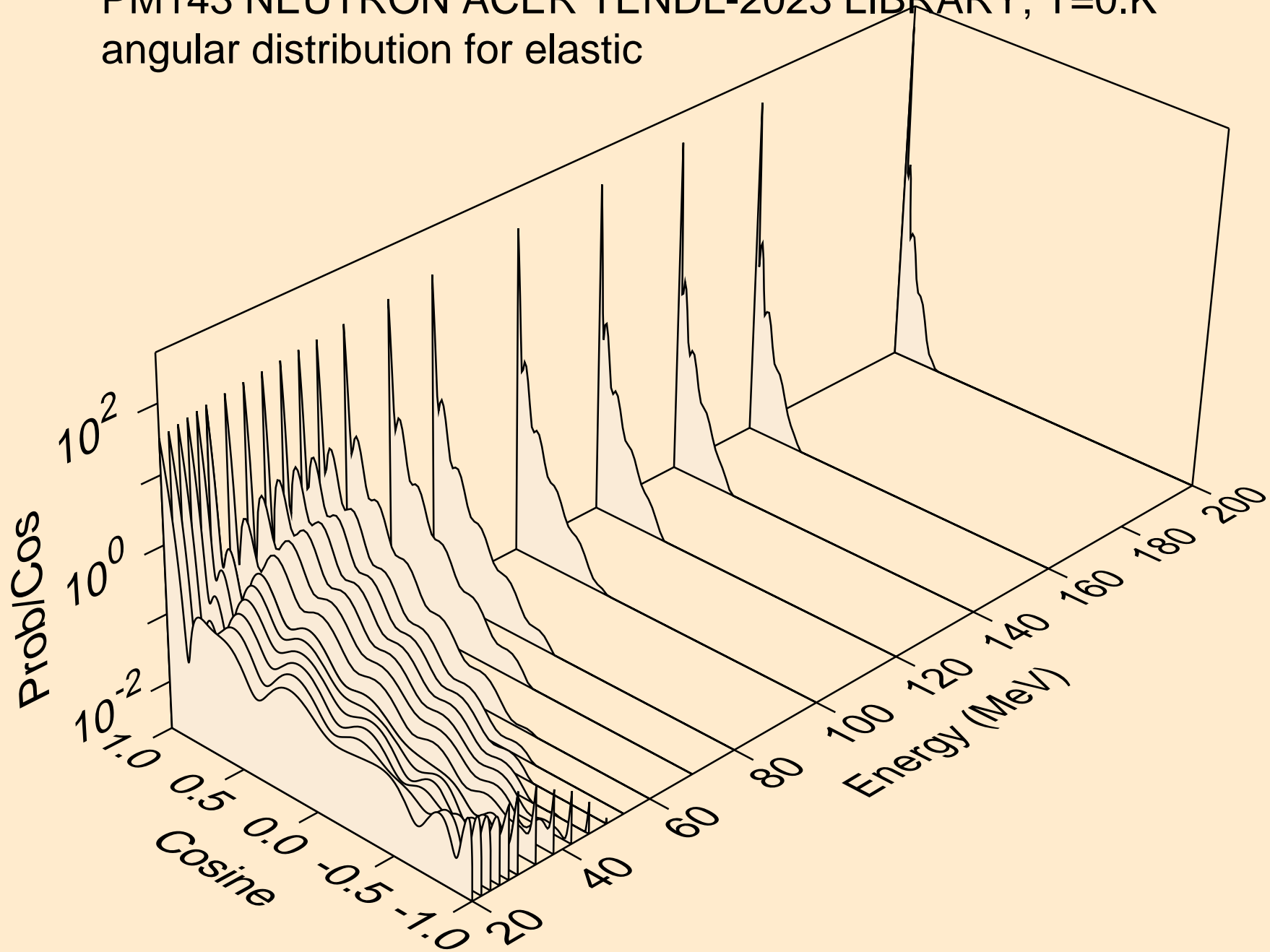
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



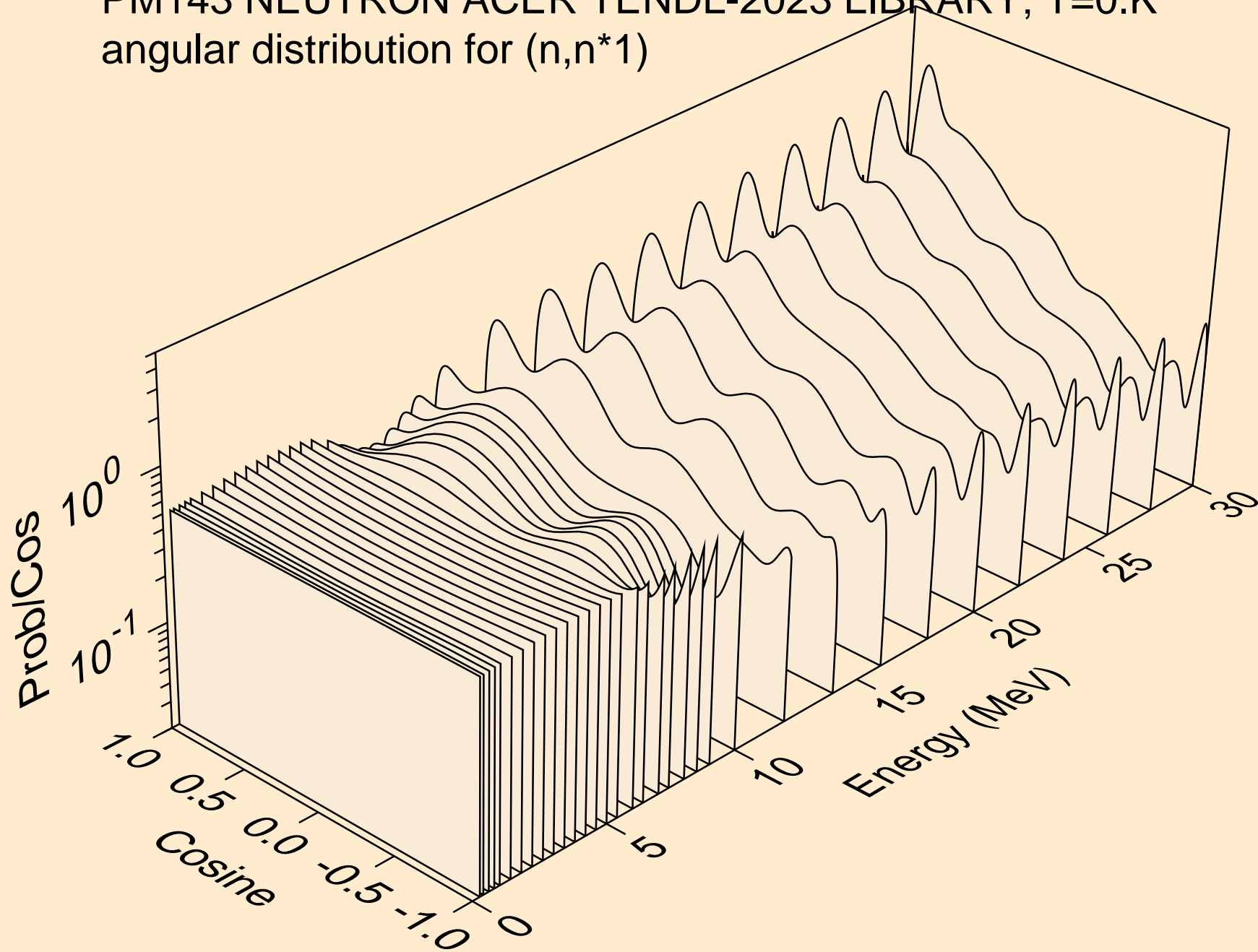
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



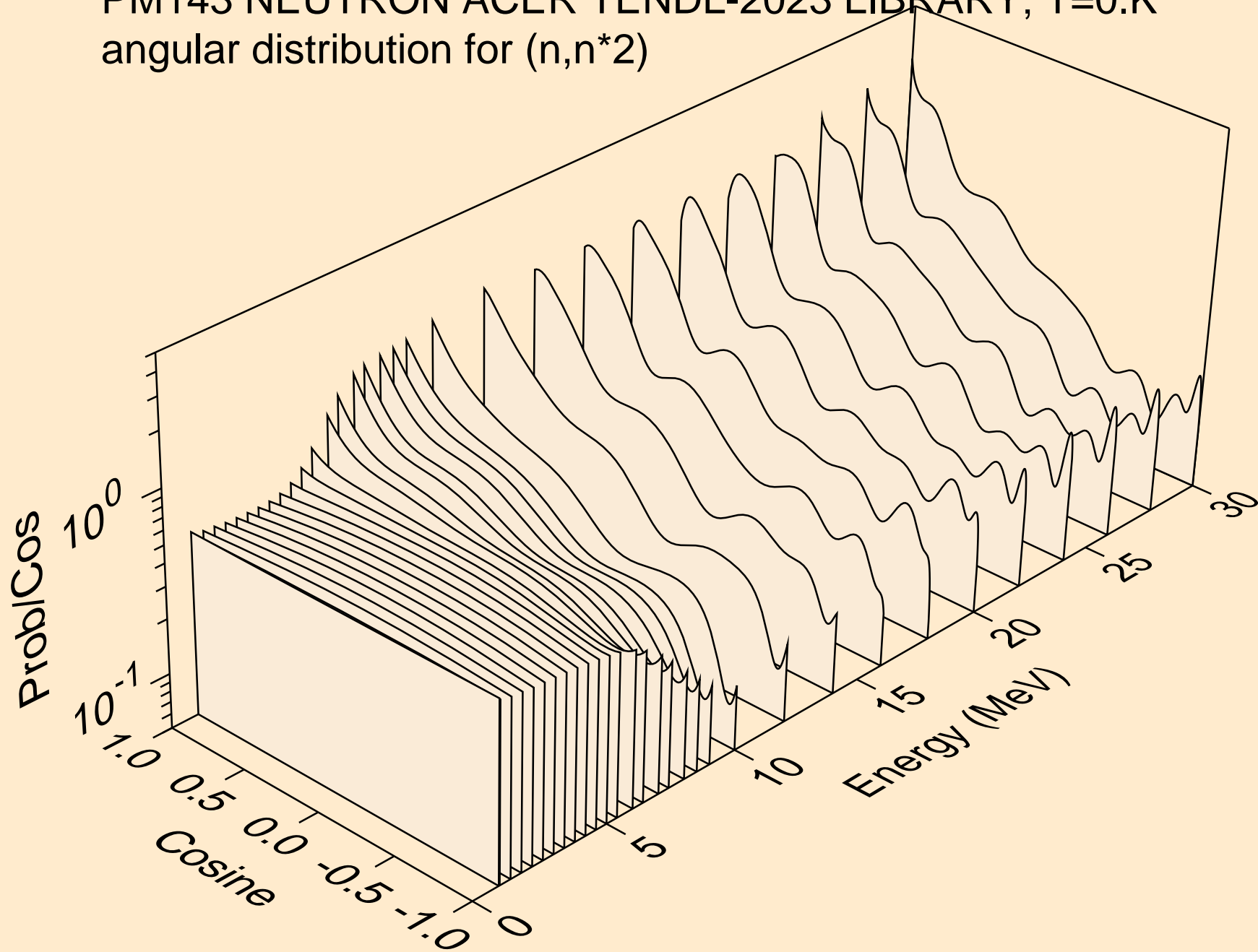
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angular distribution for elastic



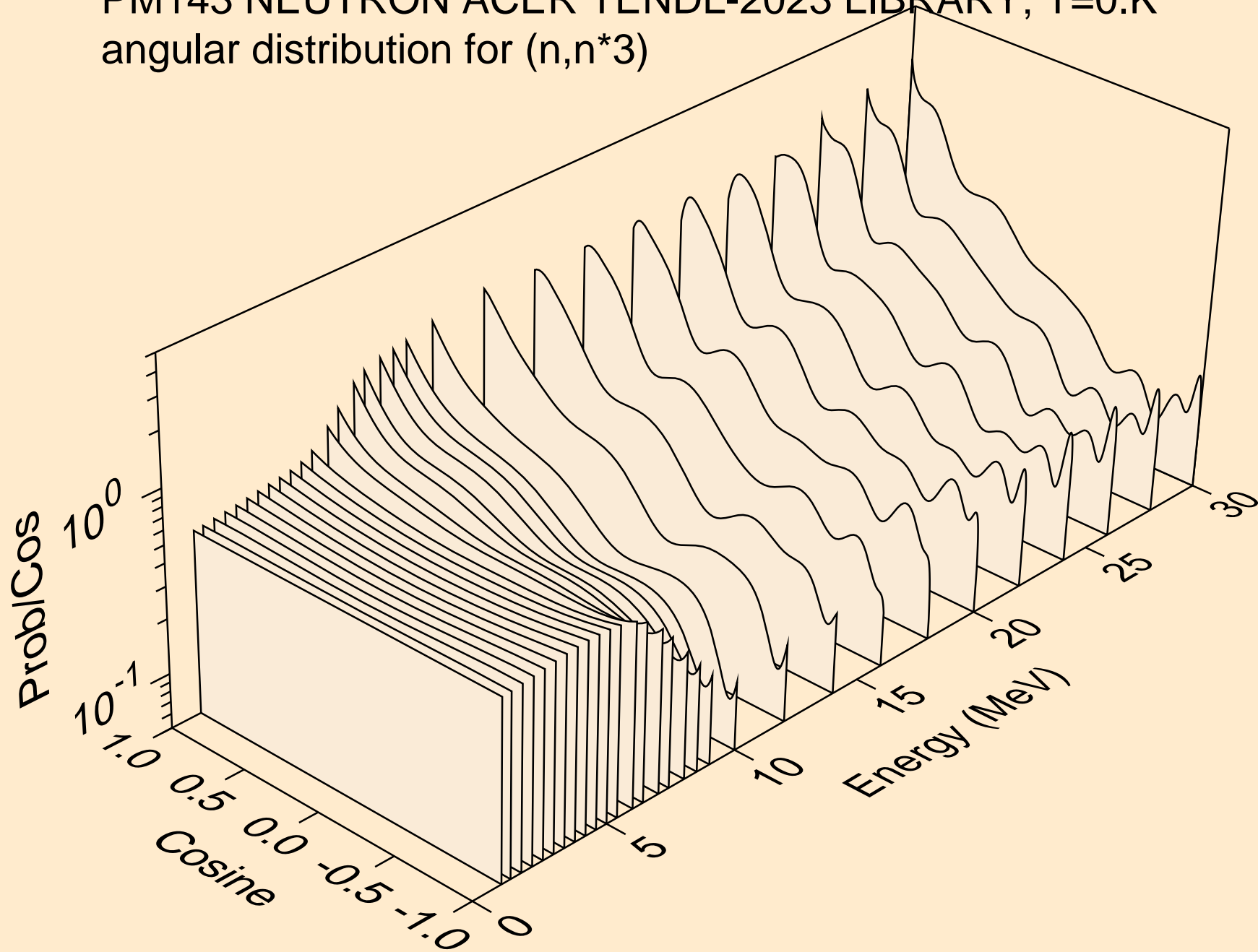
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



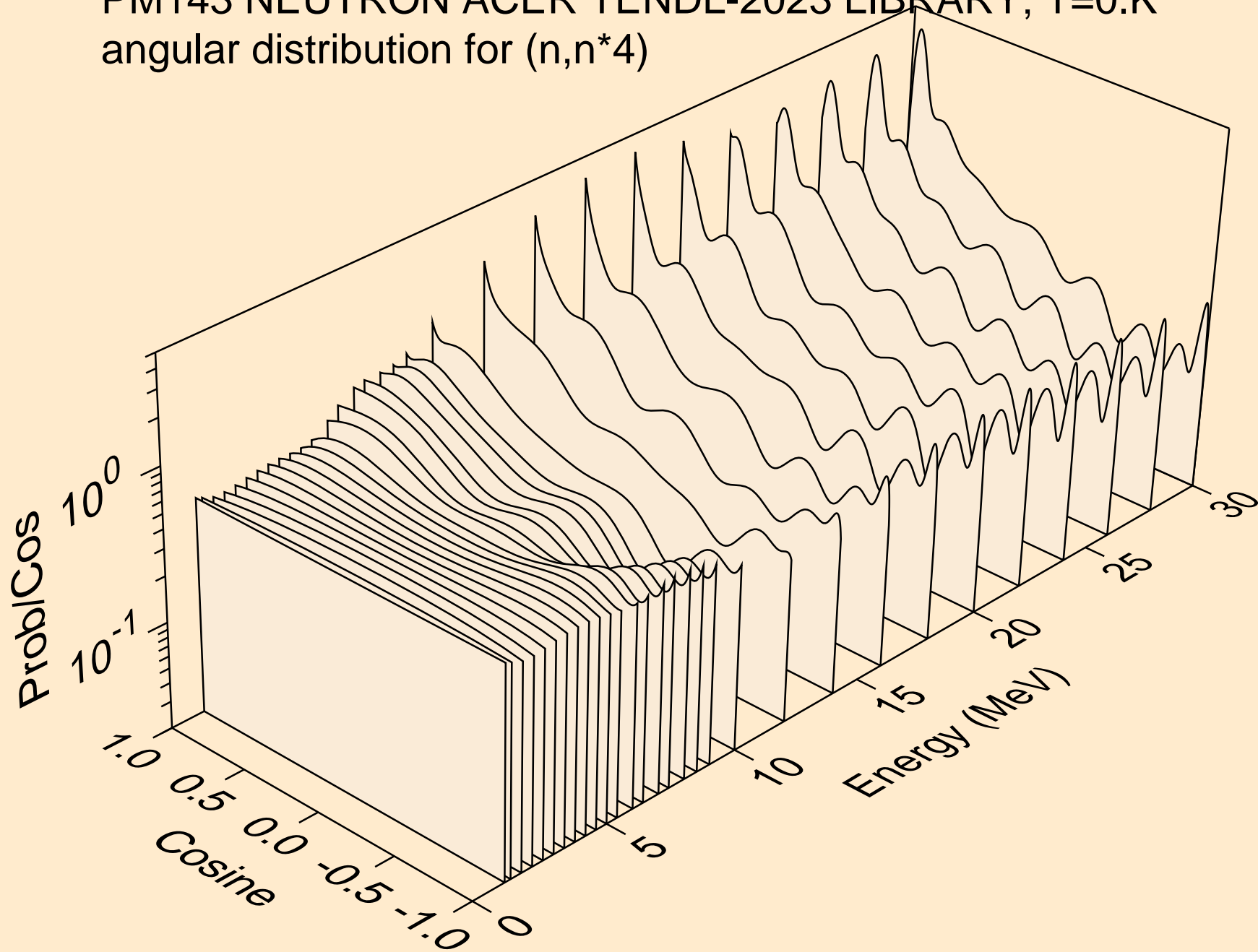
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



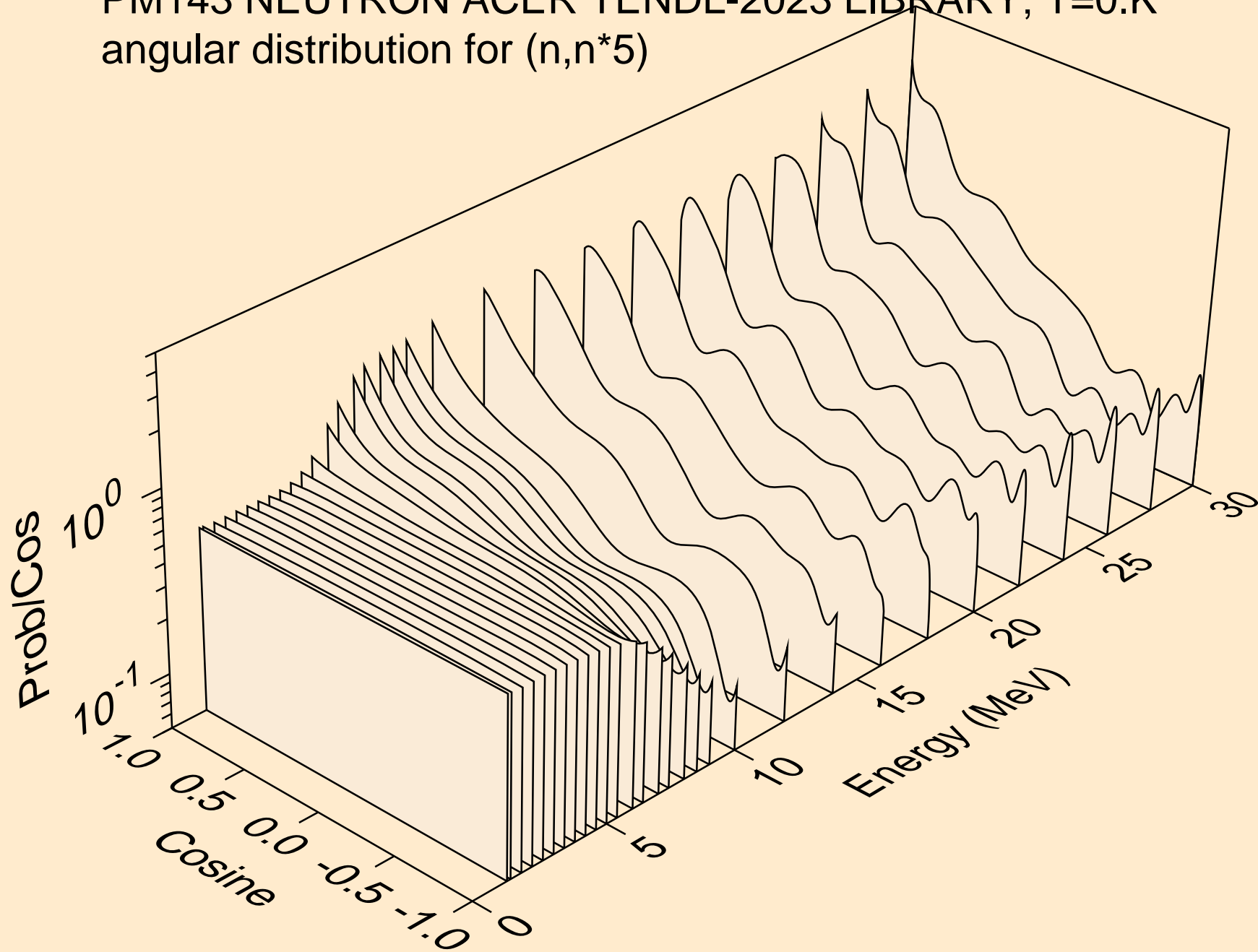
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



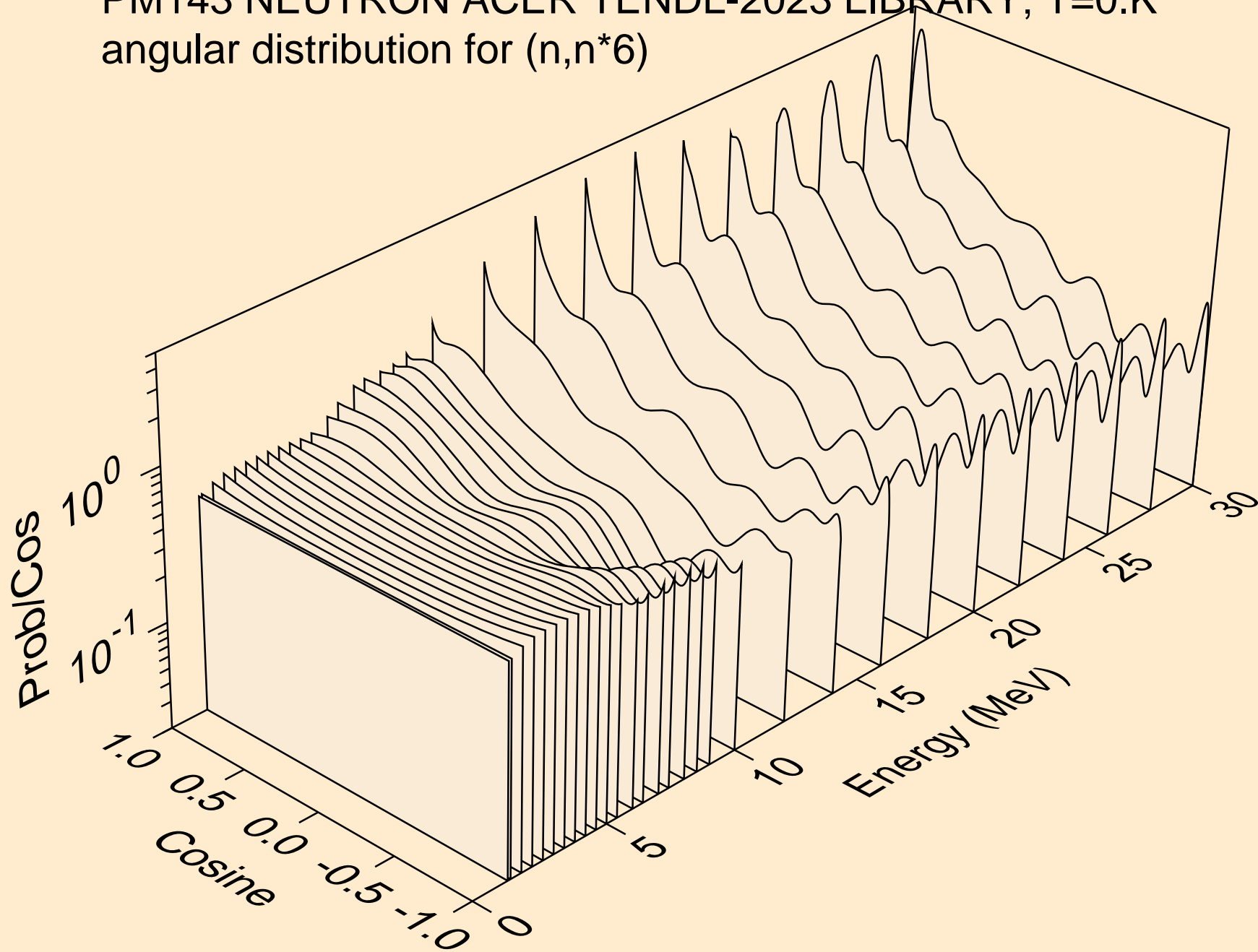
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



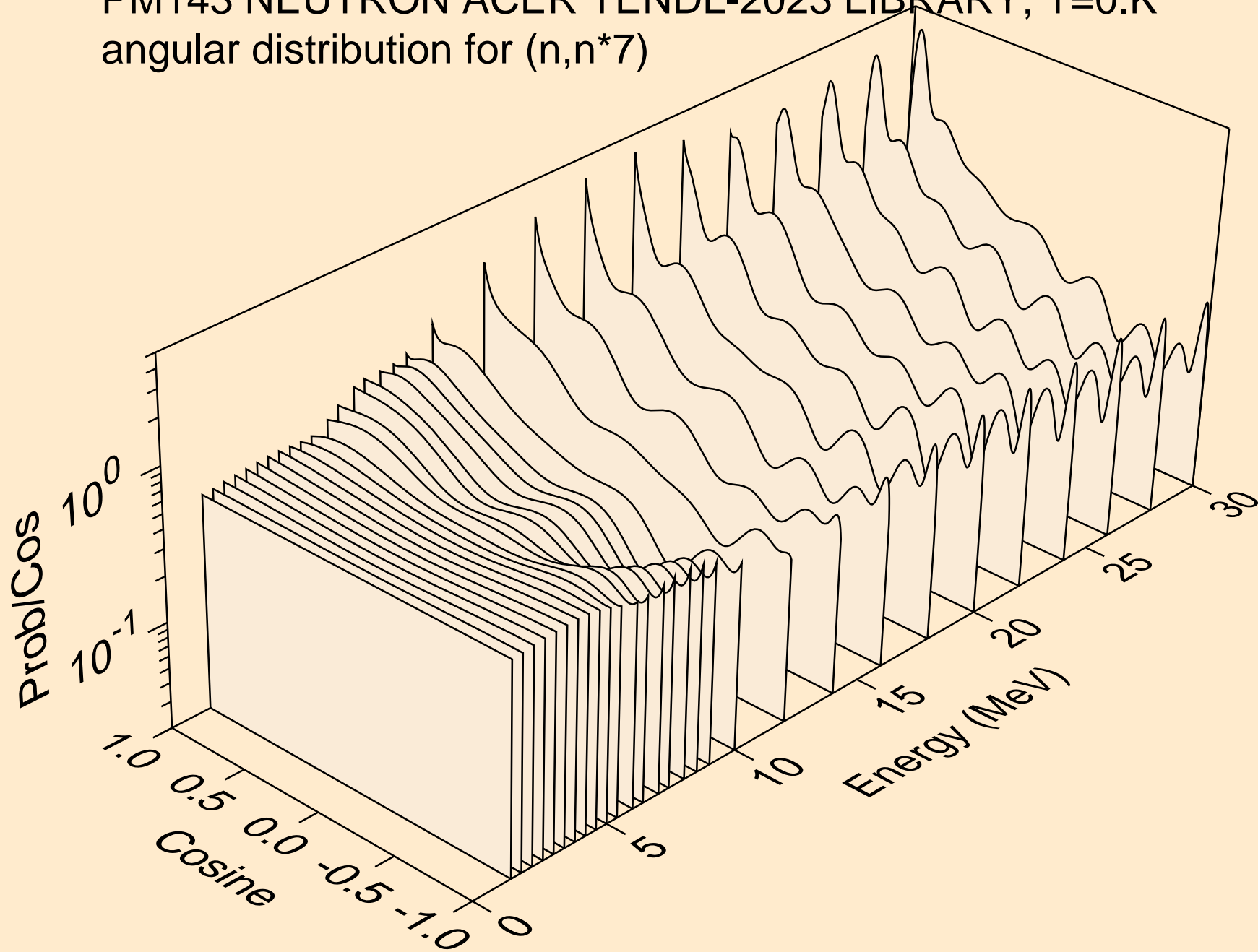
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



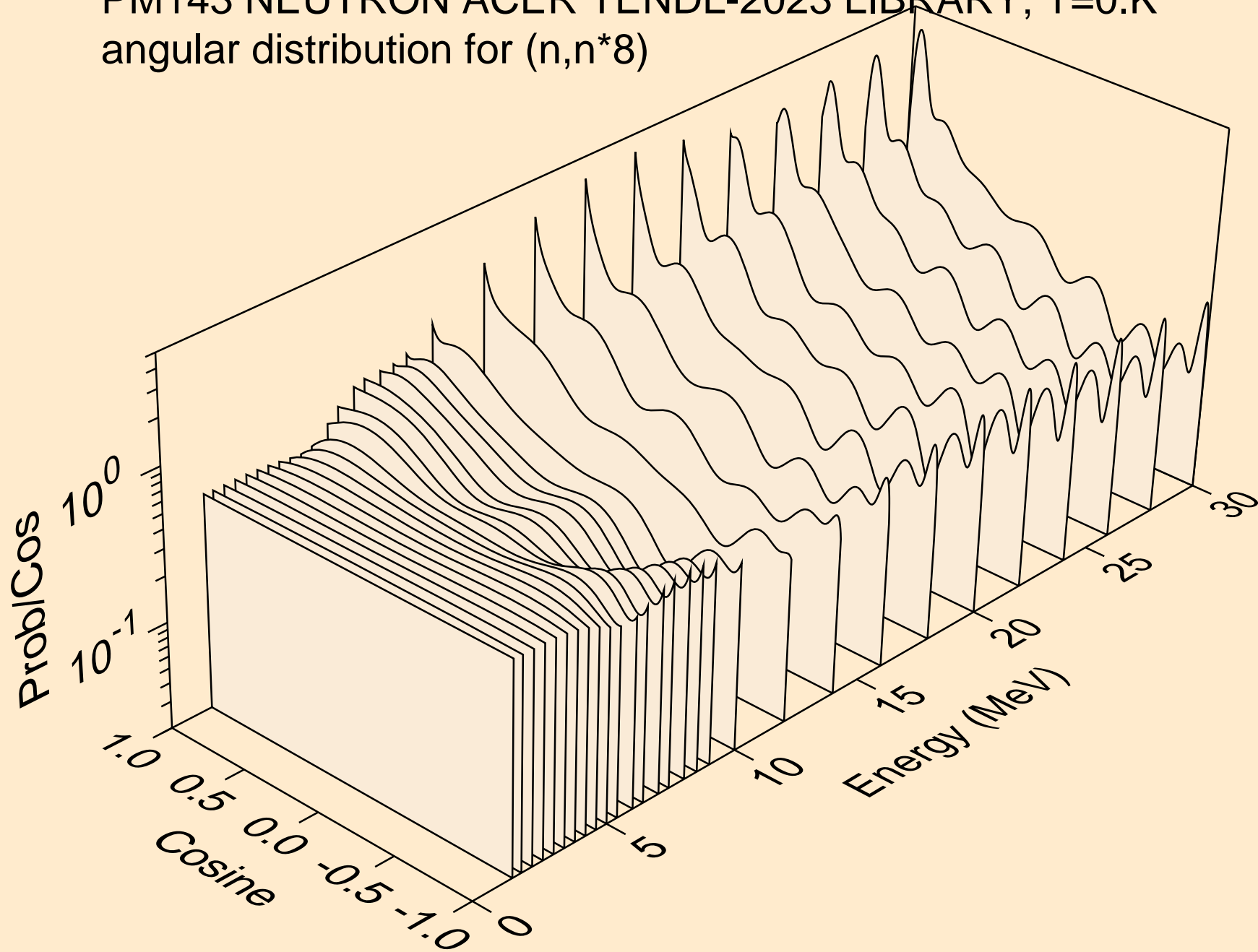
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angular distribution for (n,n*6)



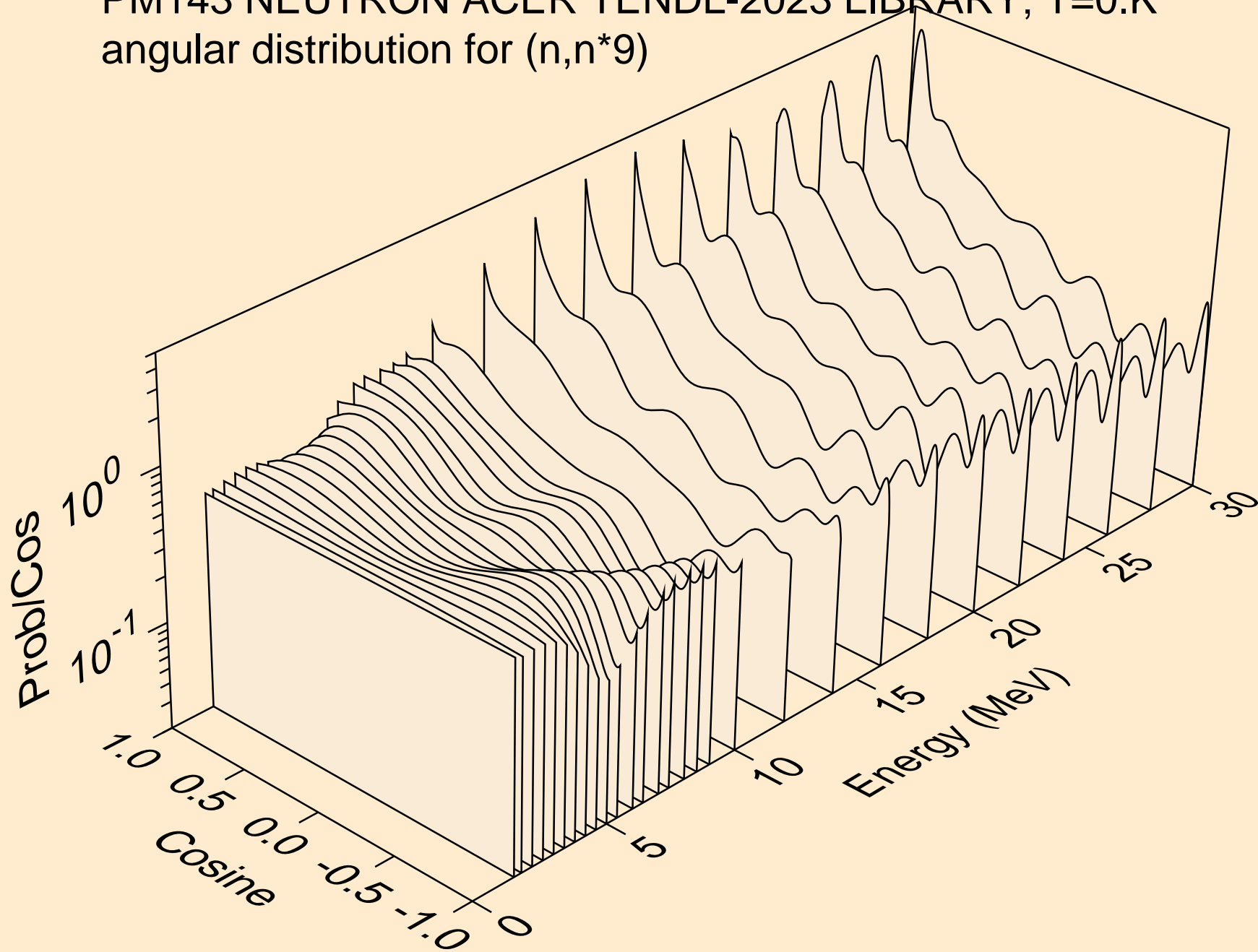
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angular distribution for (n,n*7)



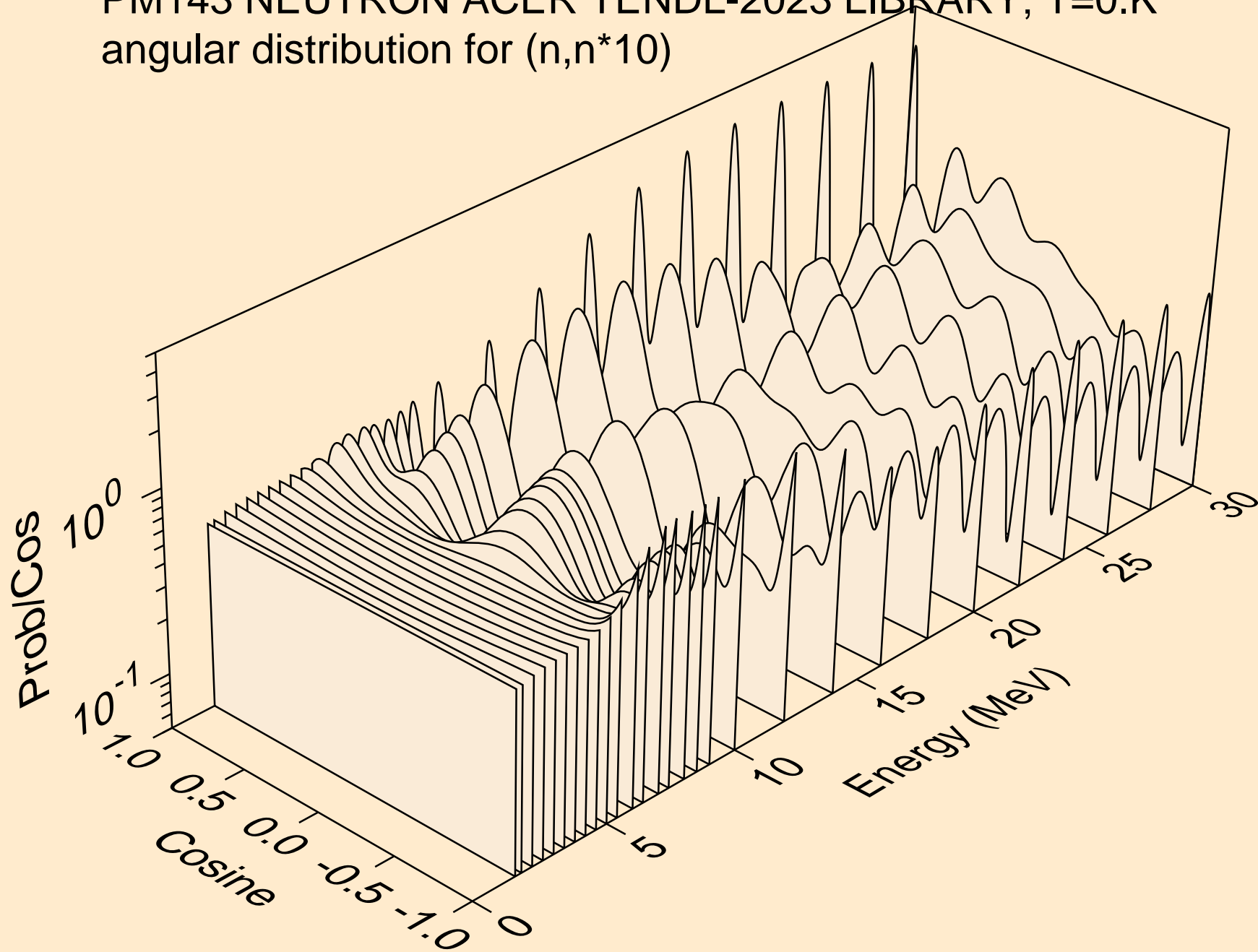
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angular distribution for (n,n*8)



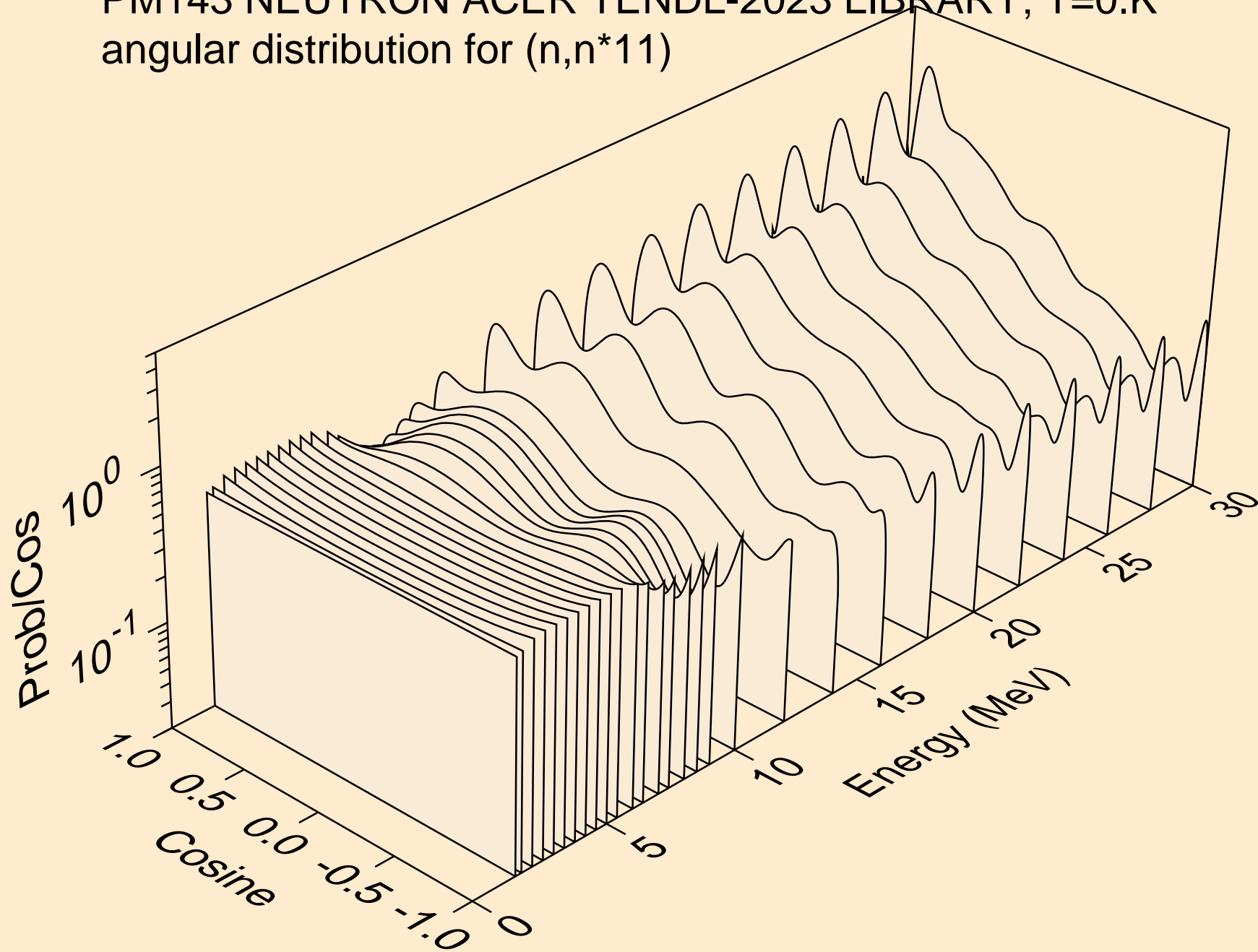
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



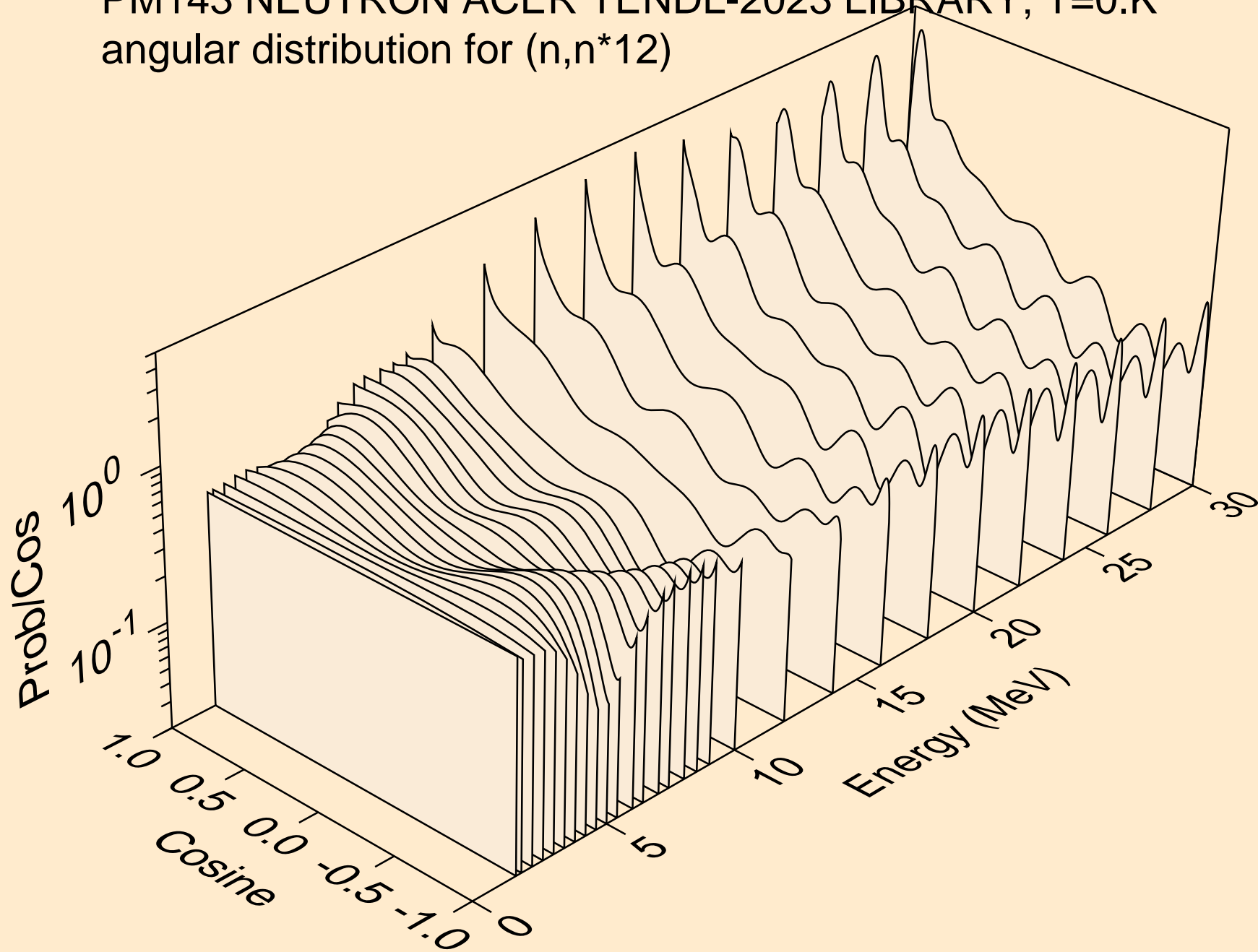
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angular distribution for (n,n*10)



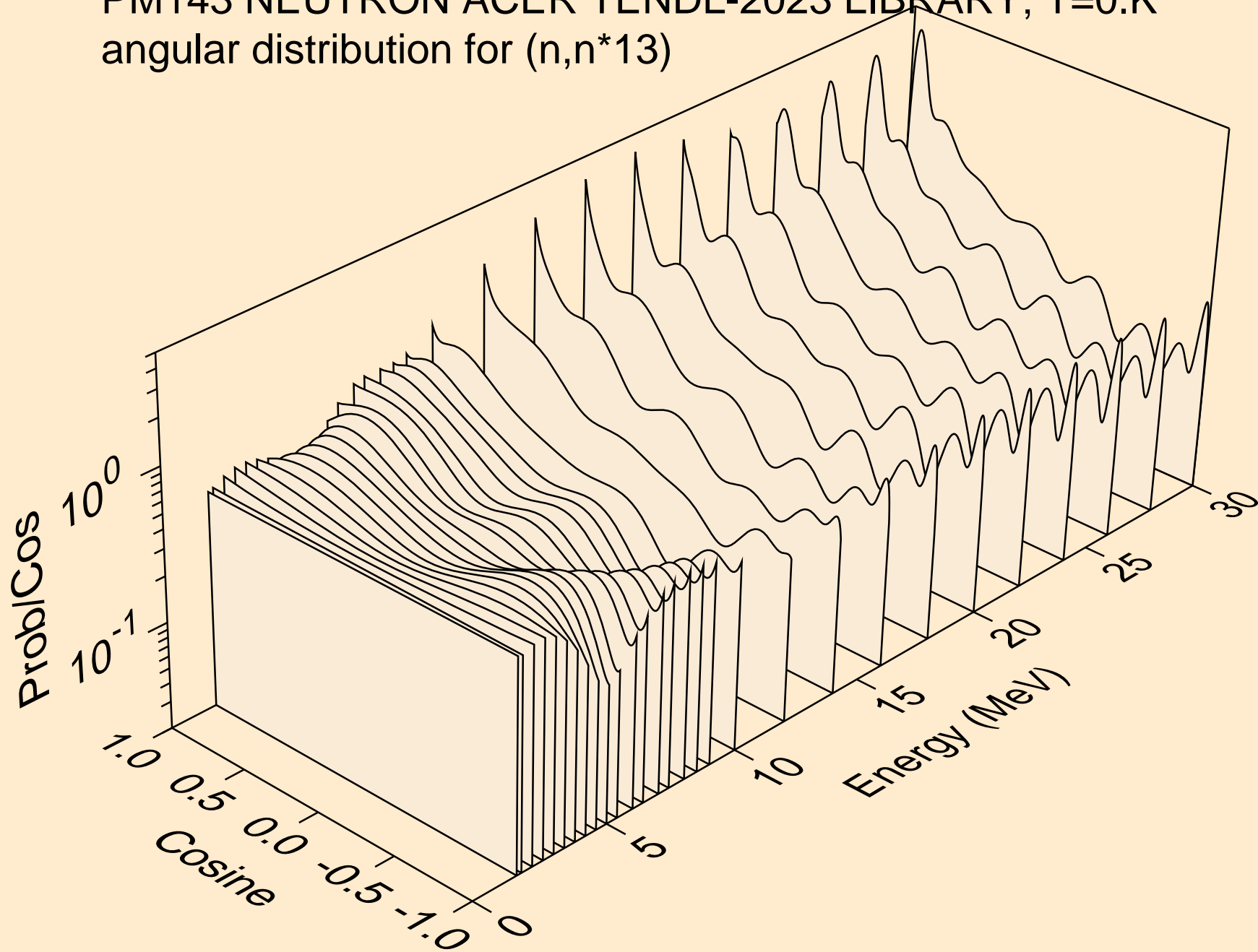
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angular distribution for (n,n*11)



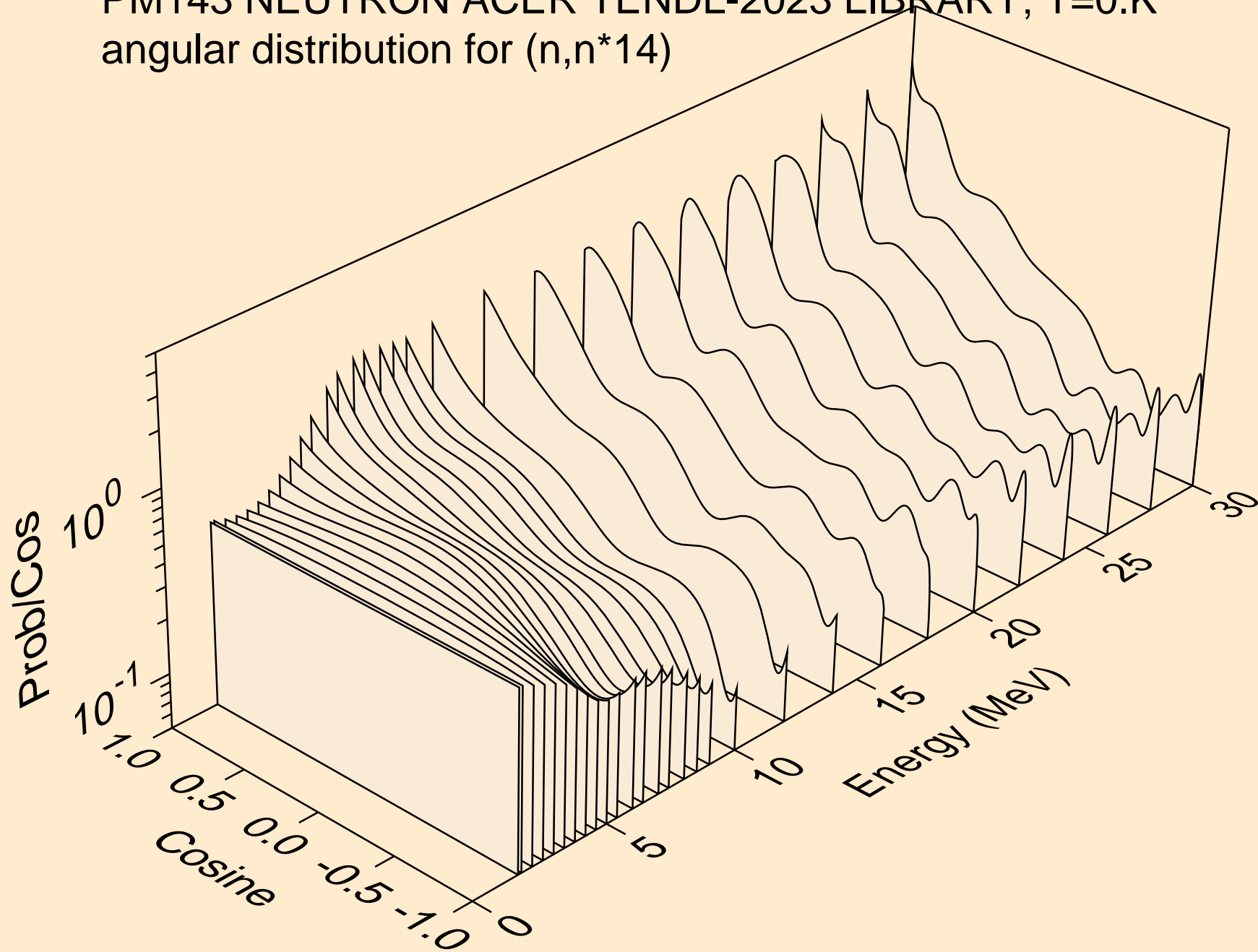
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



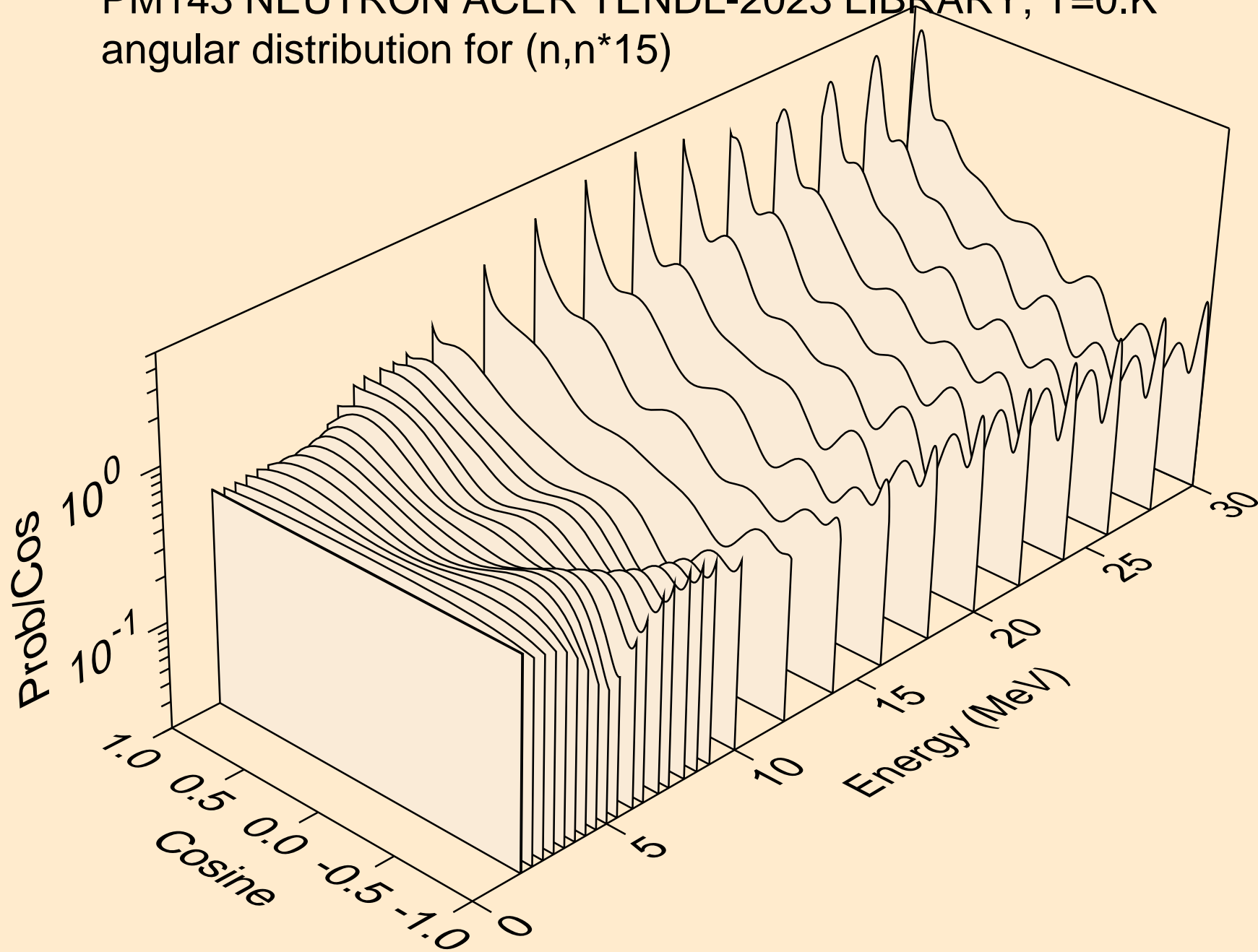
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angular distribution for (n,n*13)



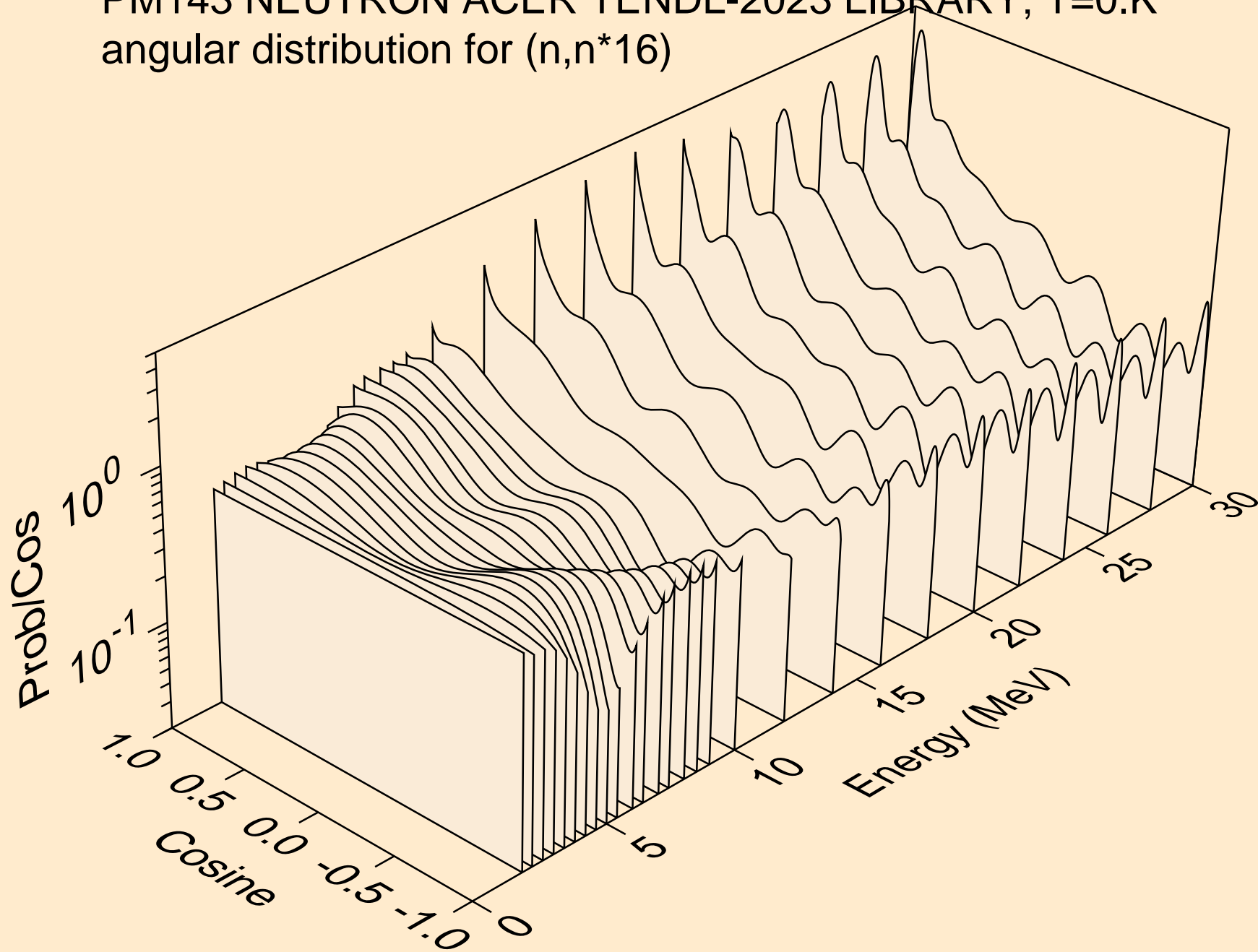
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angular distribution for (n,n*14)



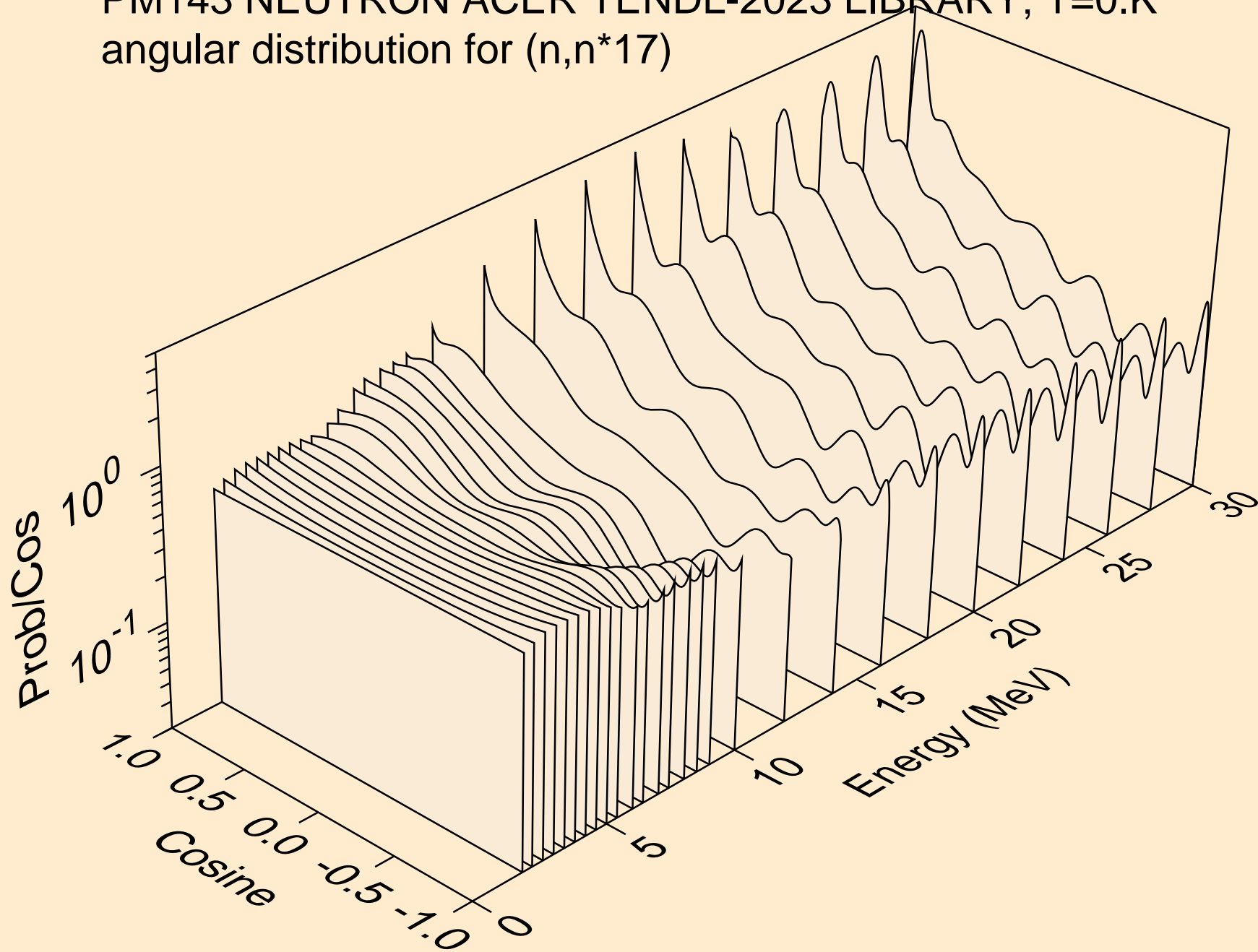
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angular distribution for (n,n*15)



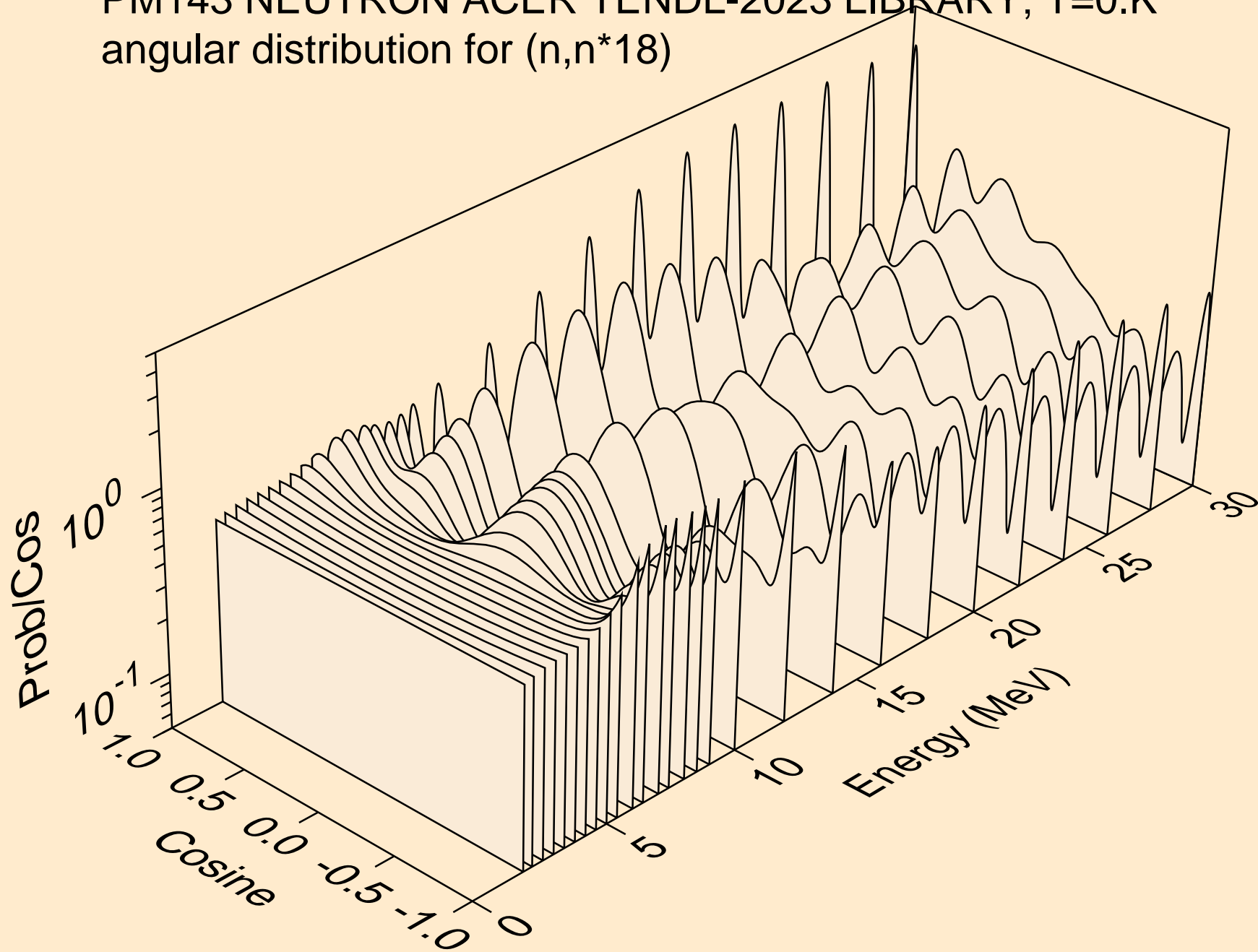
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angular distribution for (n,n*16)



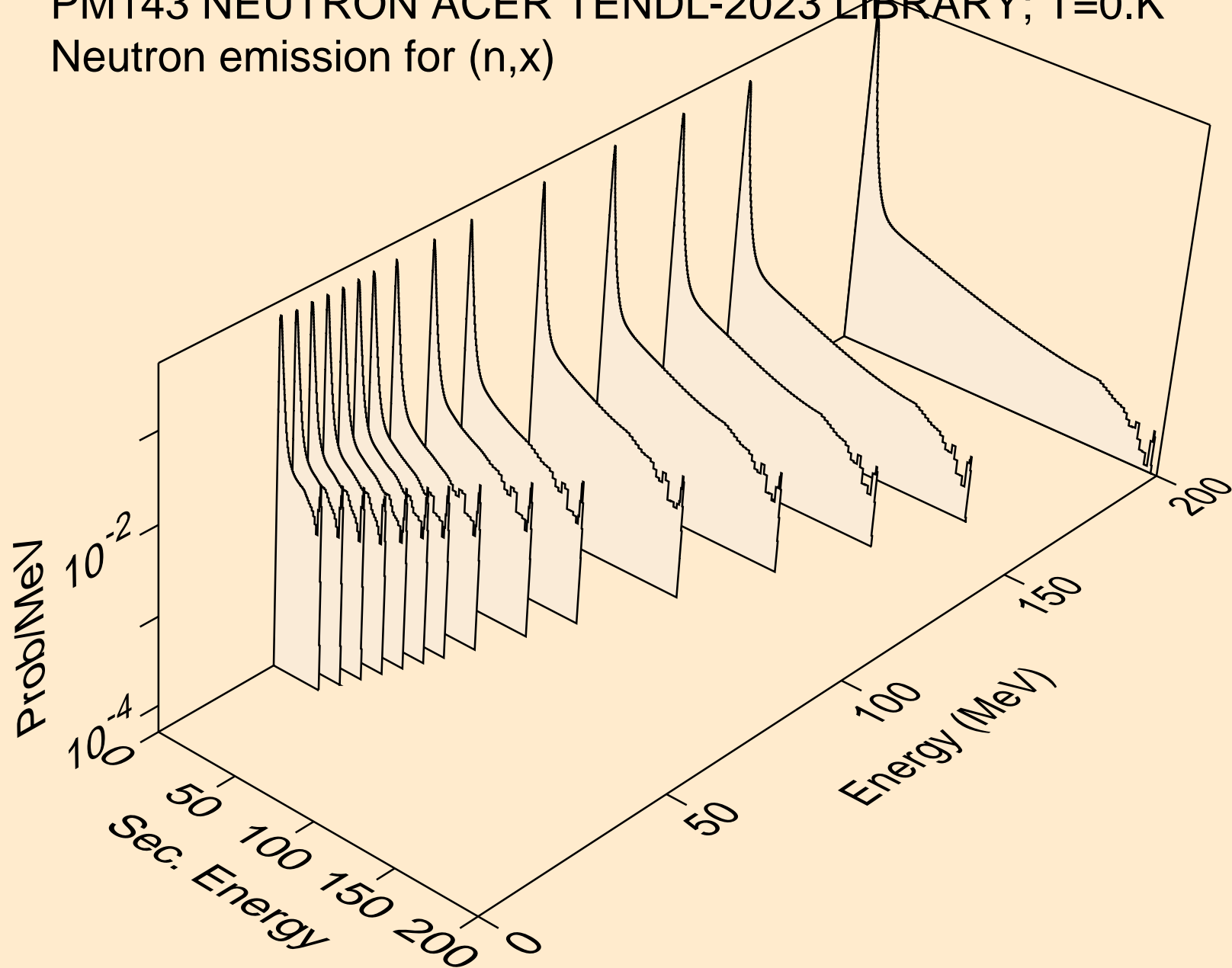
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angular distribution for (n,n*17)



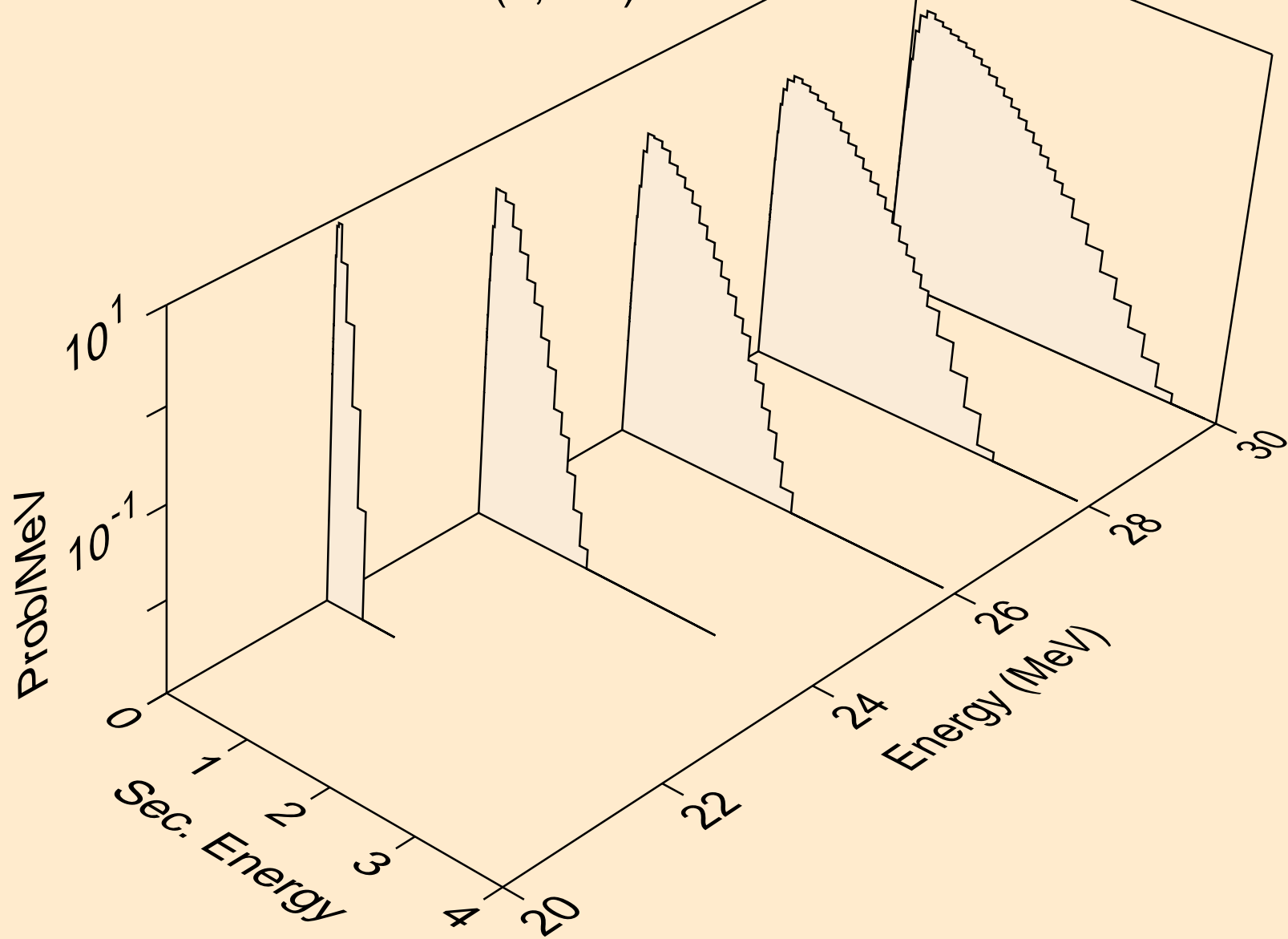
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angular distribution for (n,n*18)



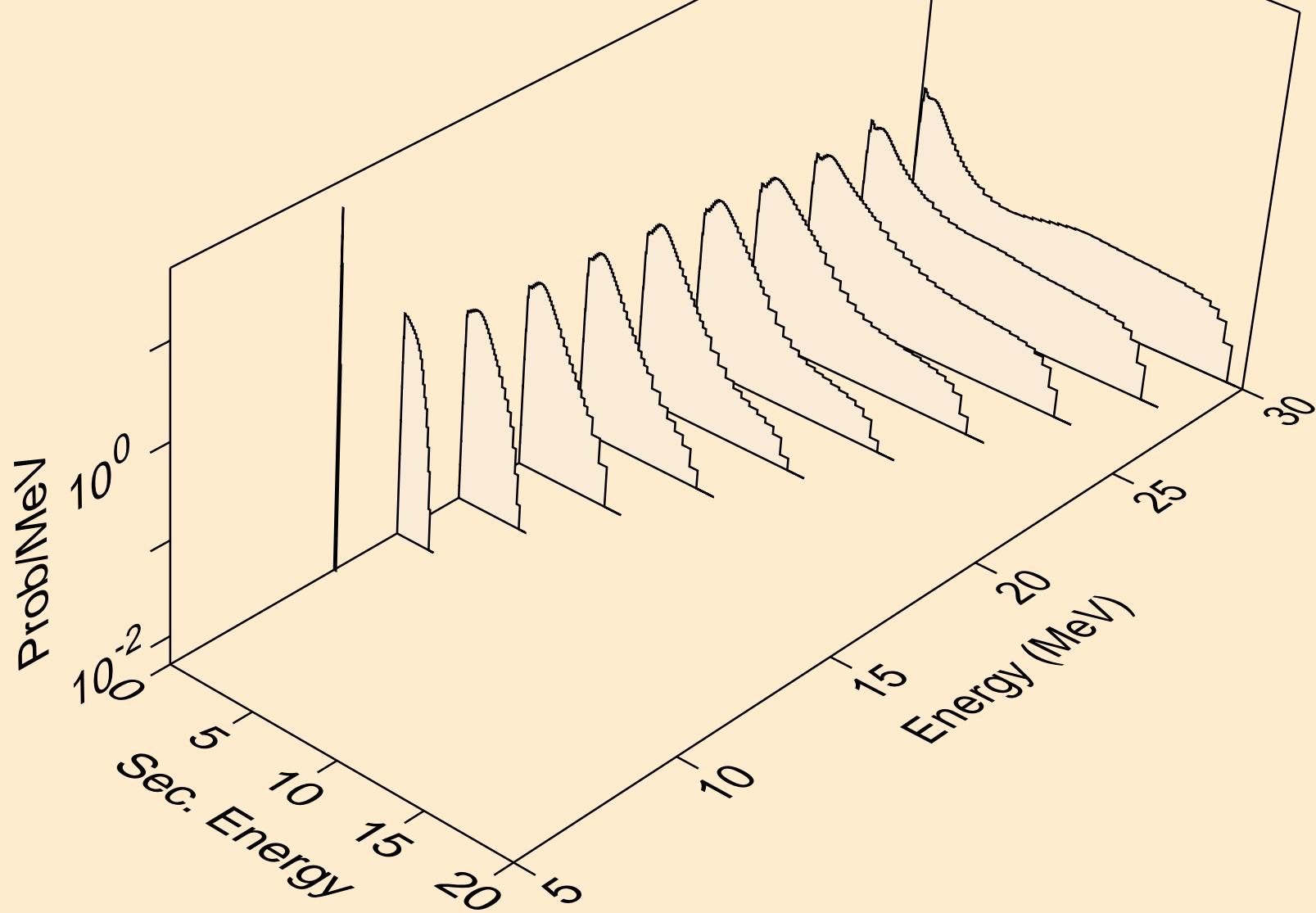
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



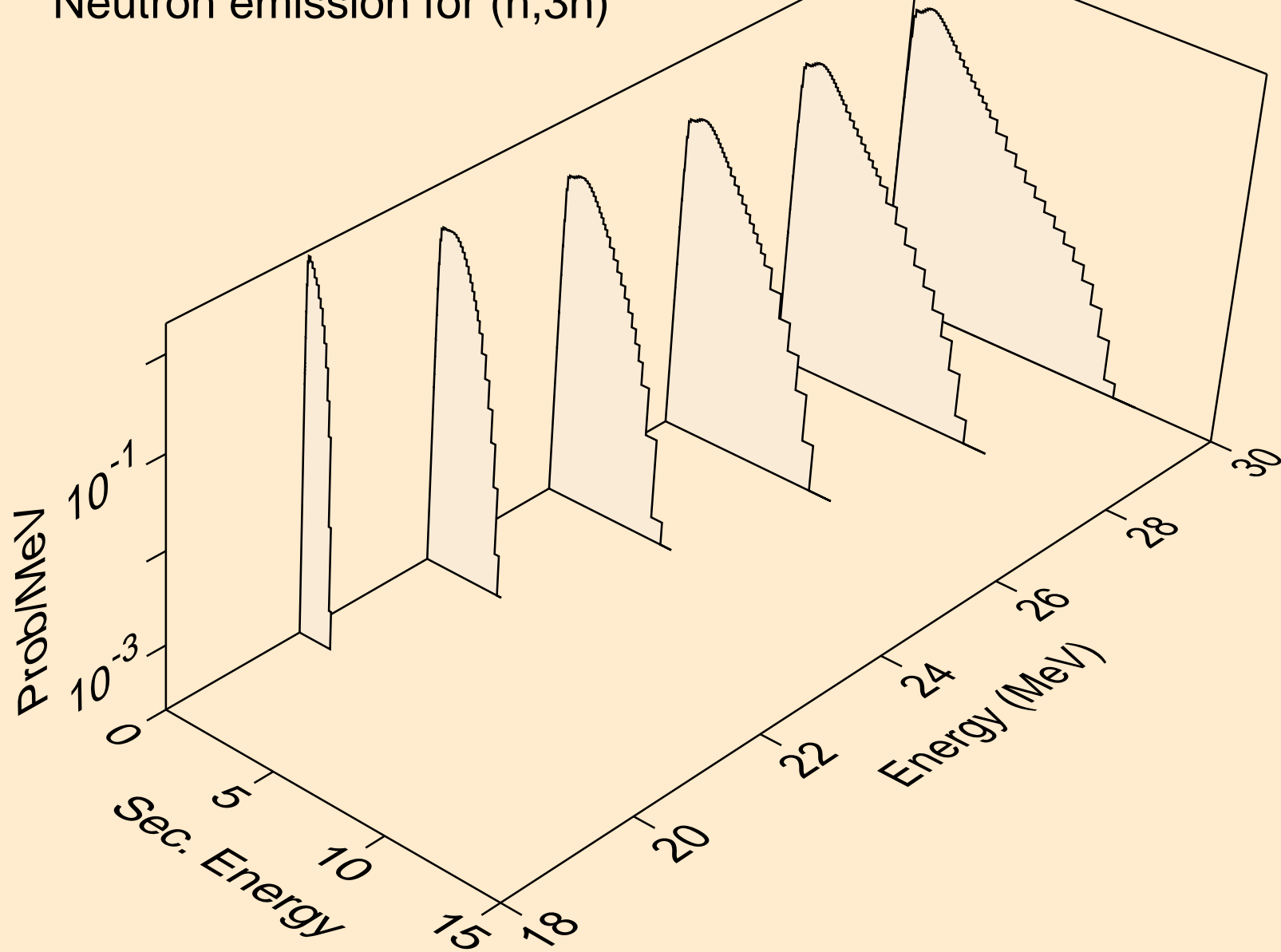
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



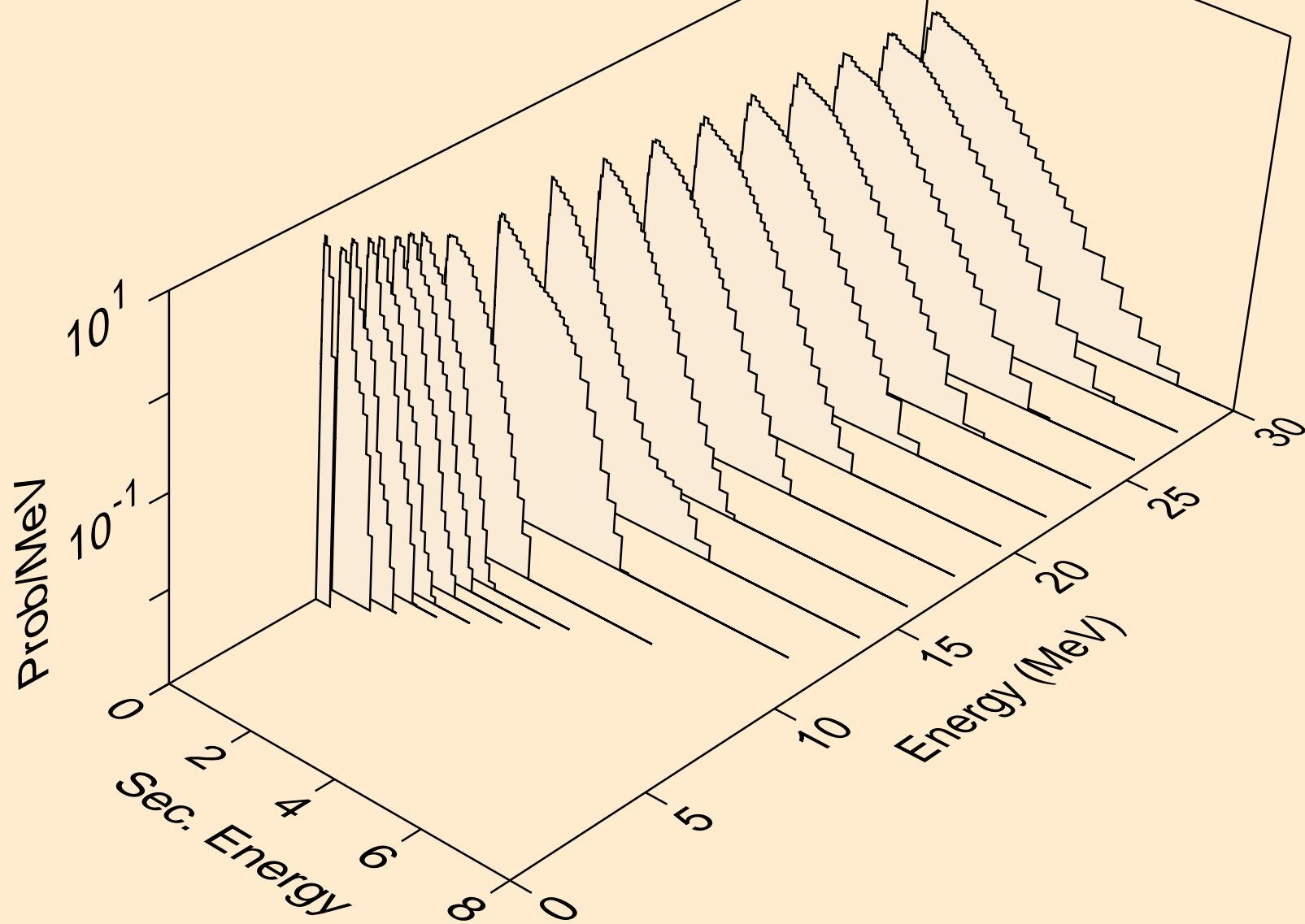
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



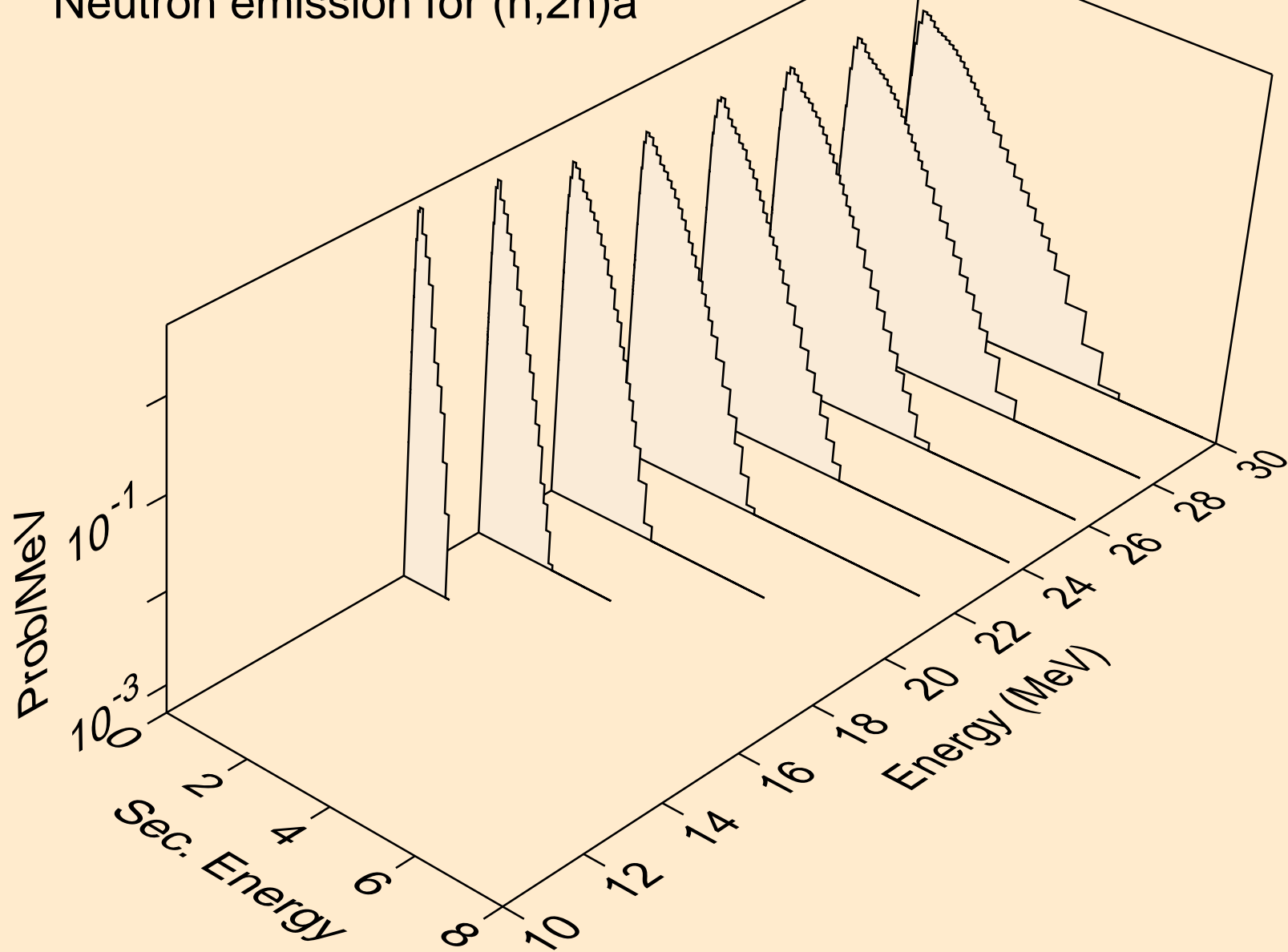
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



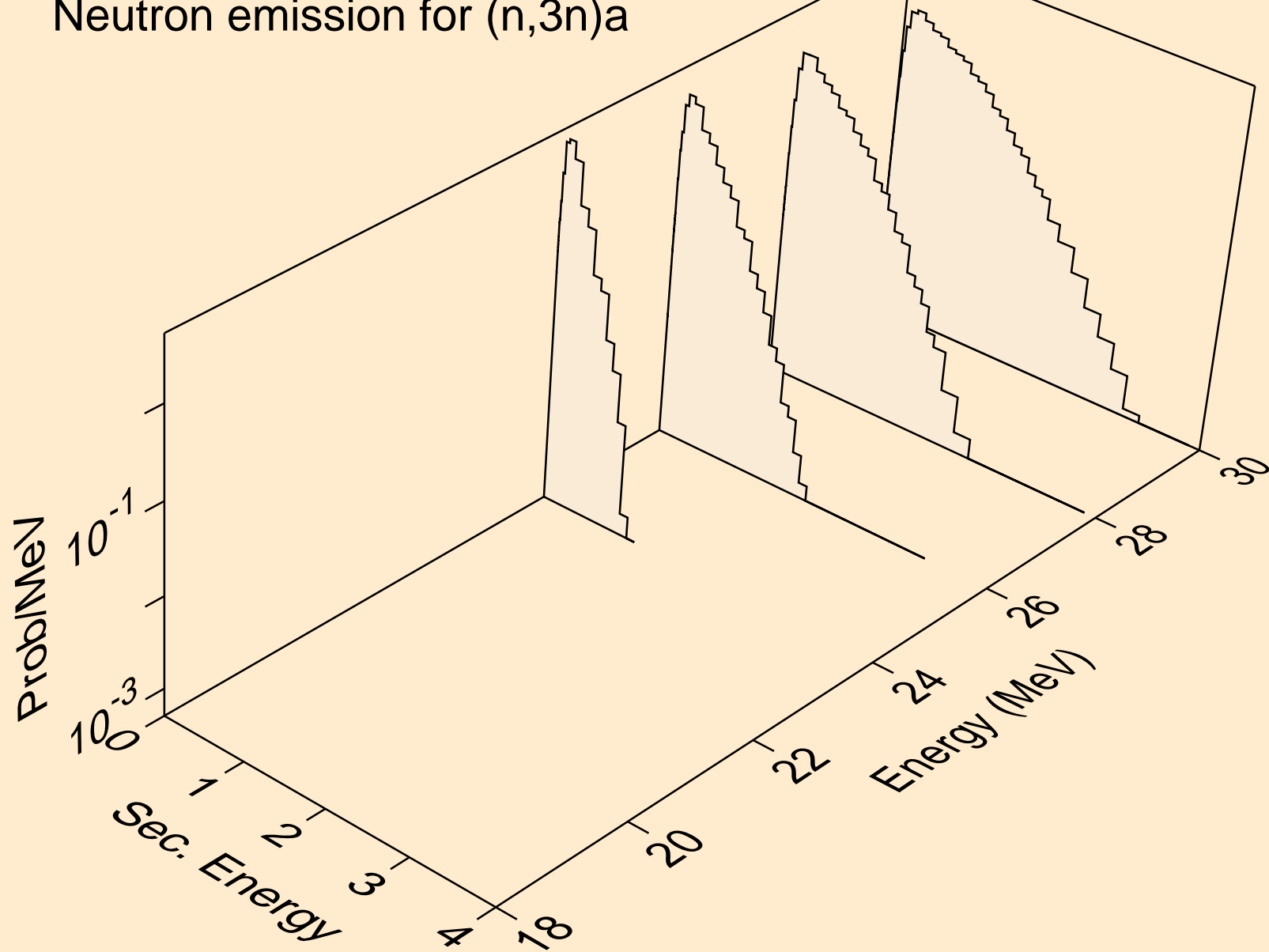
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



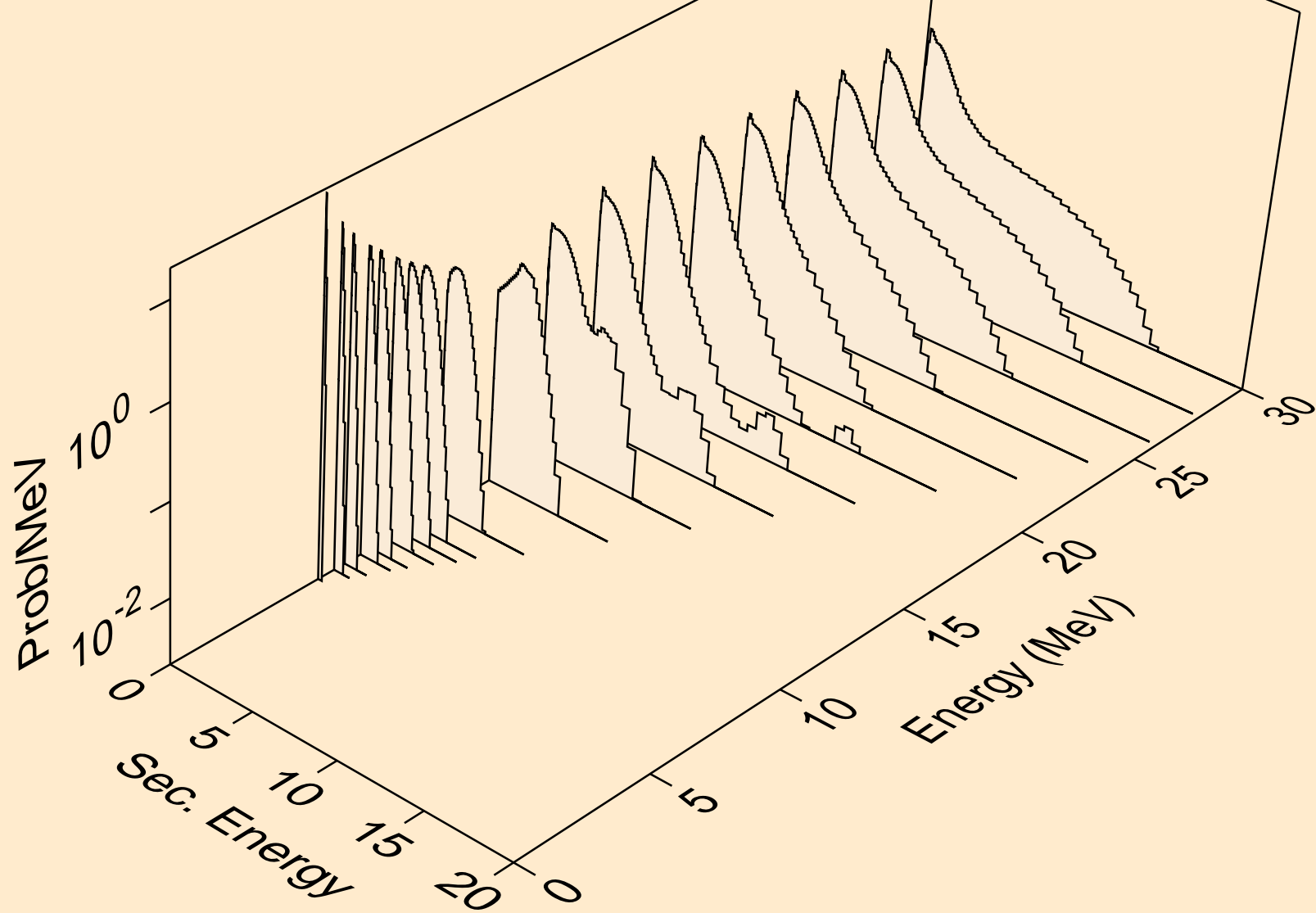
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Neutron emission for (n,2n)a



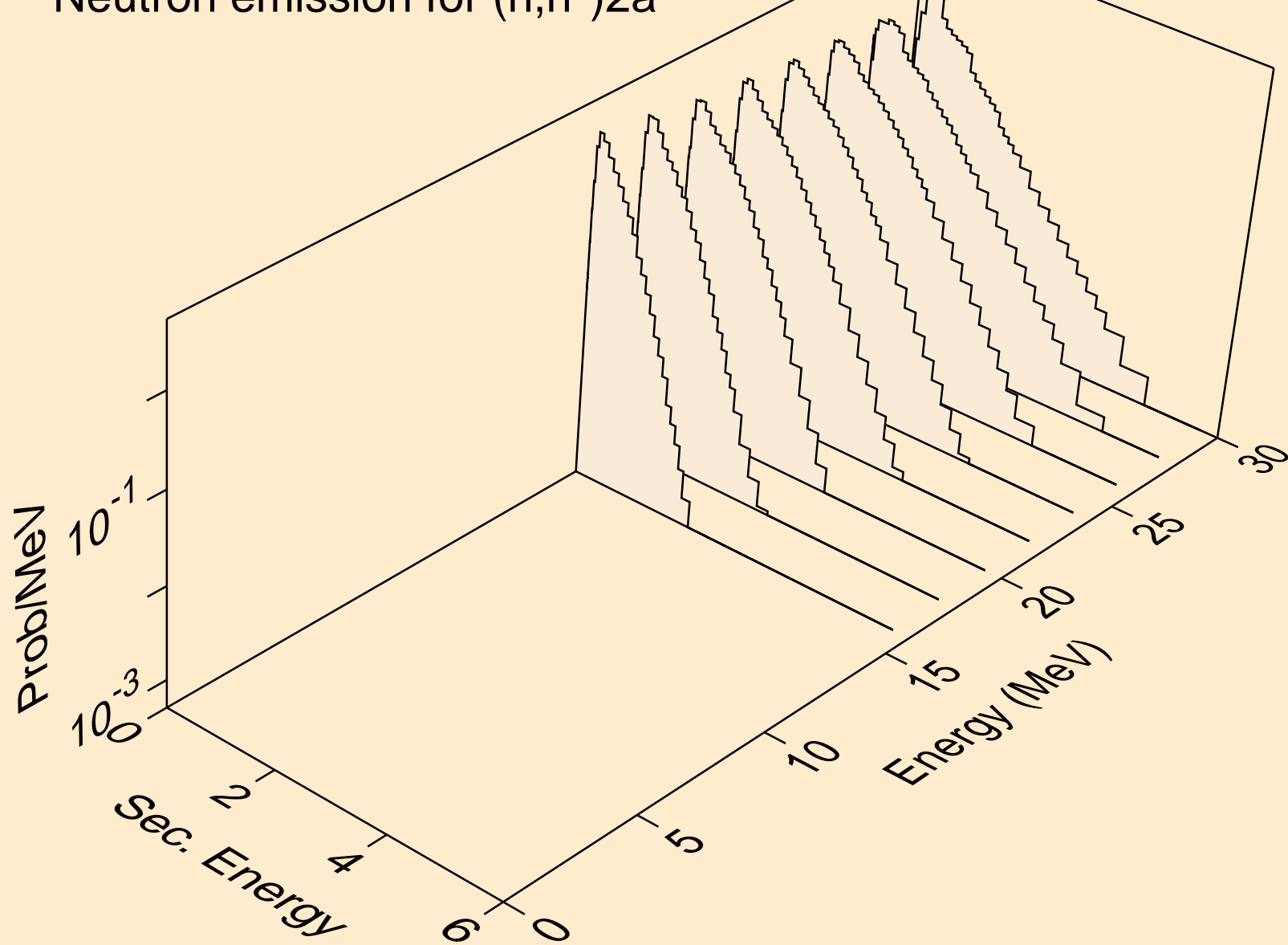
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



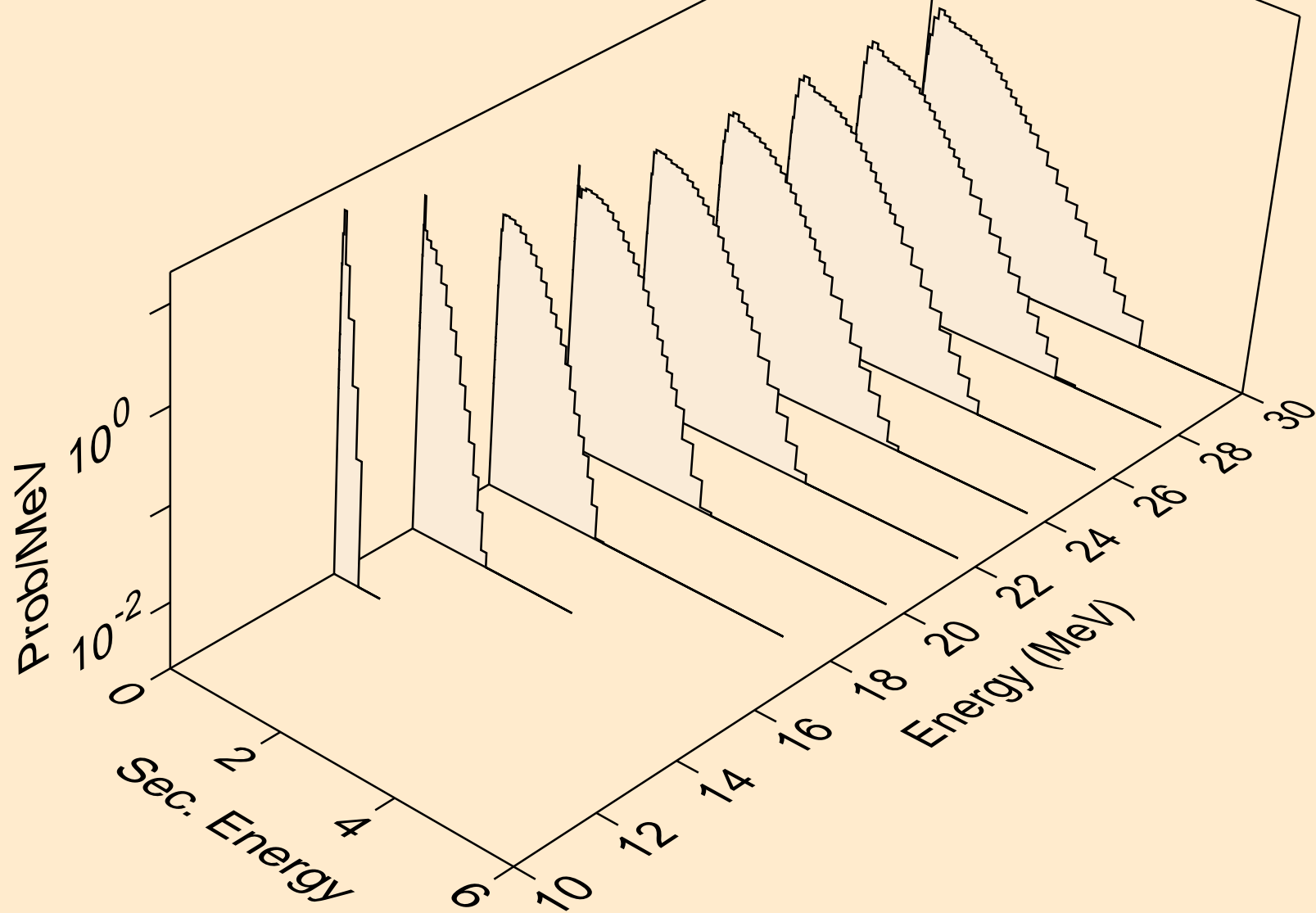
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



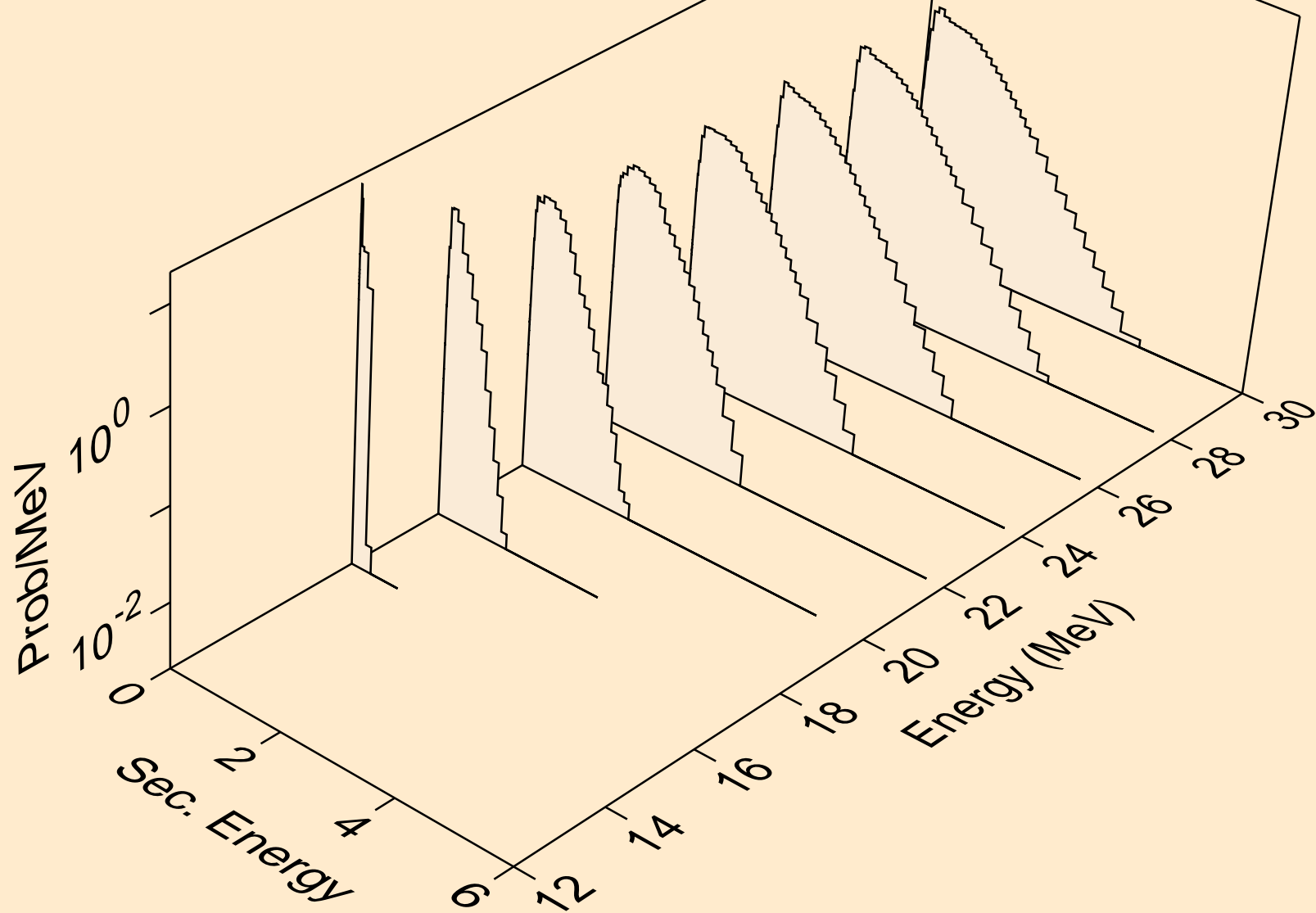
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



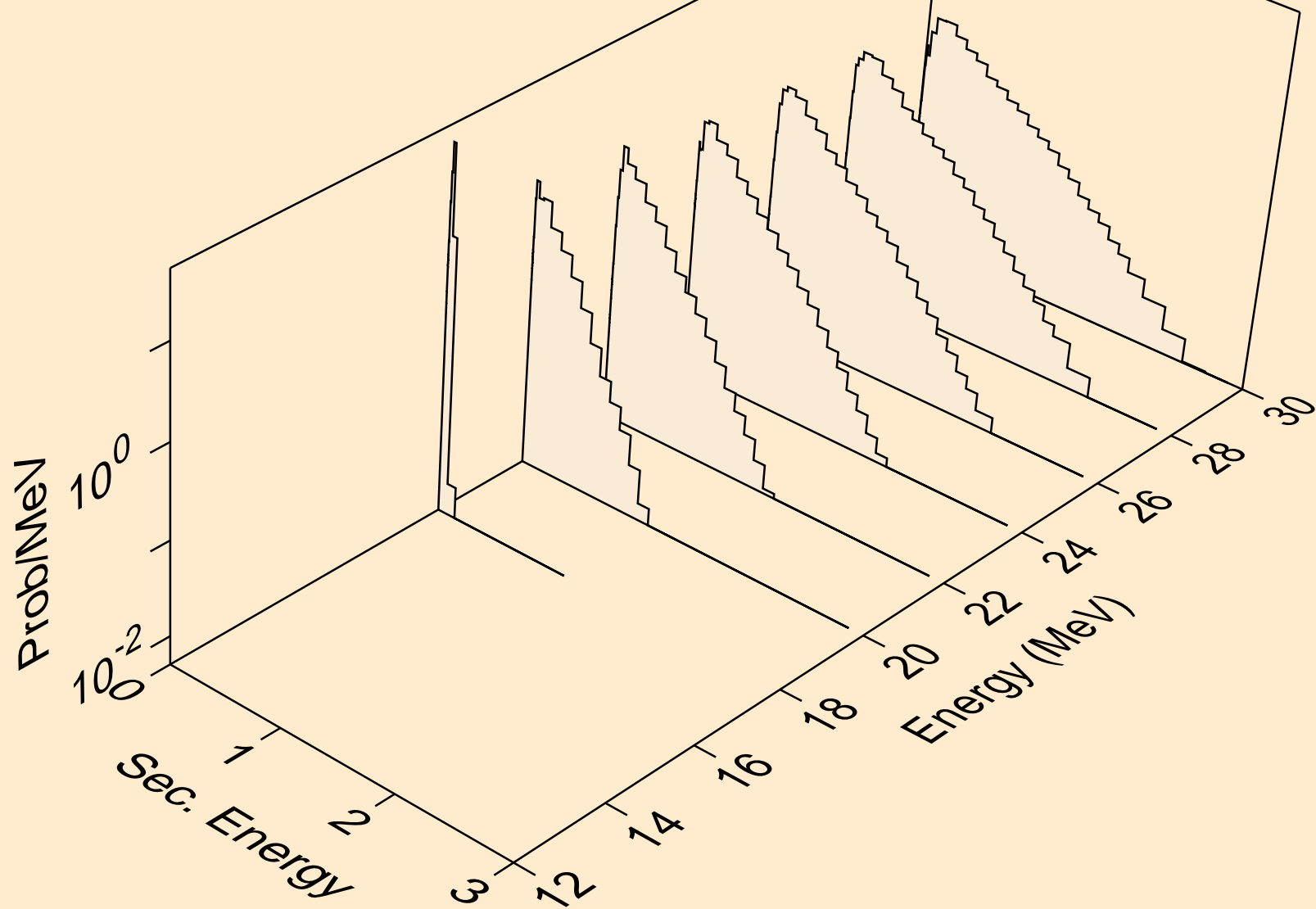
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



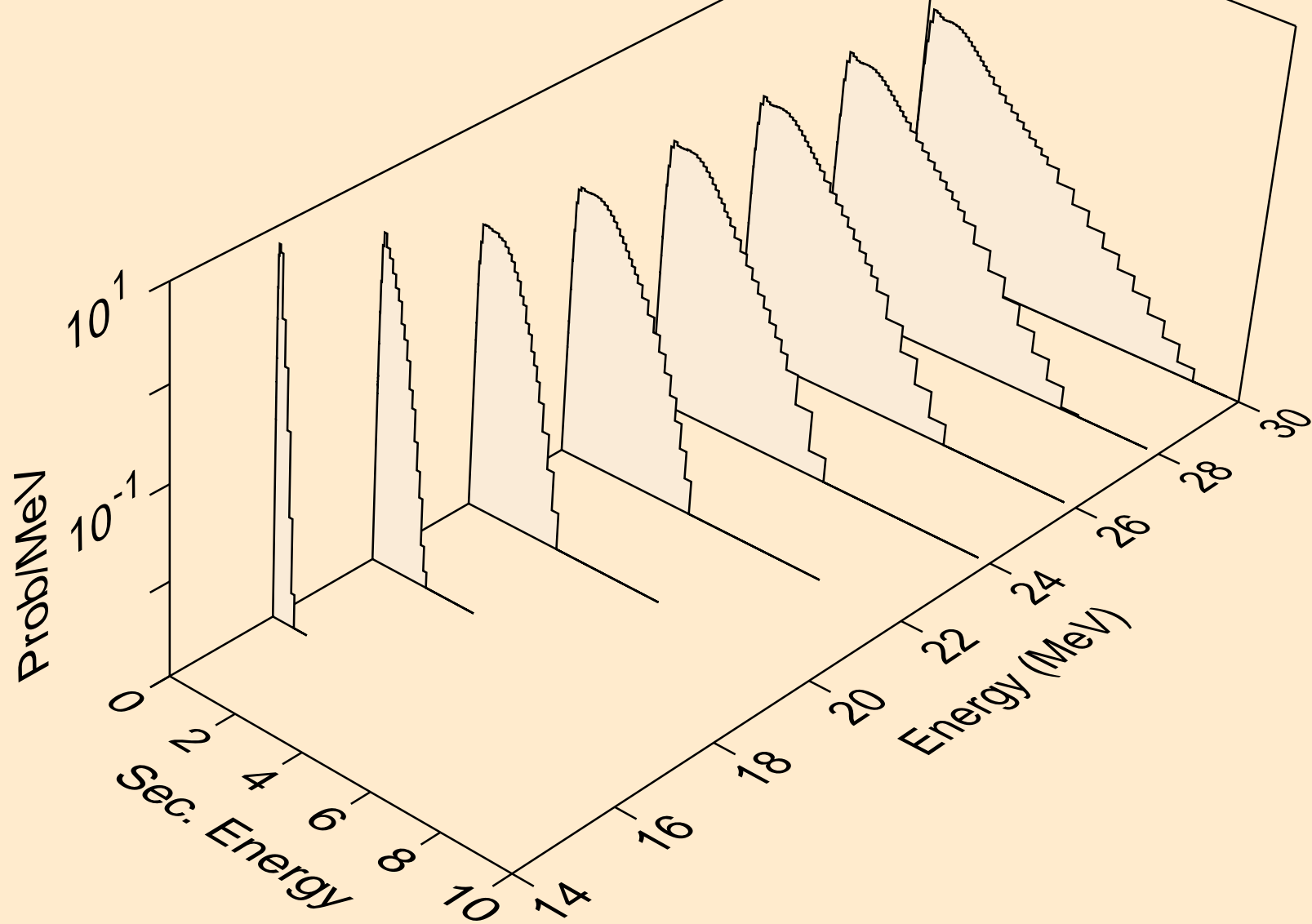
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



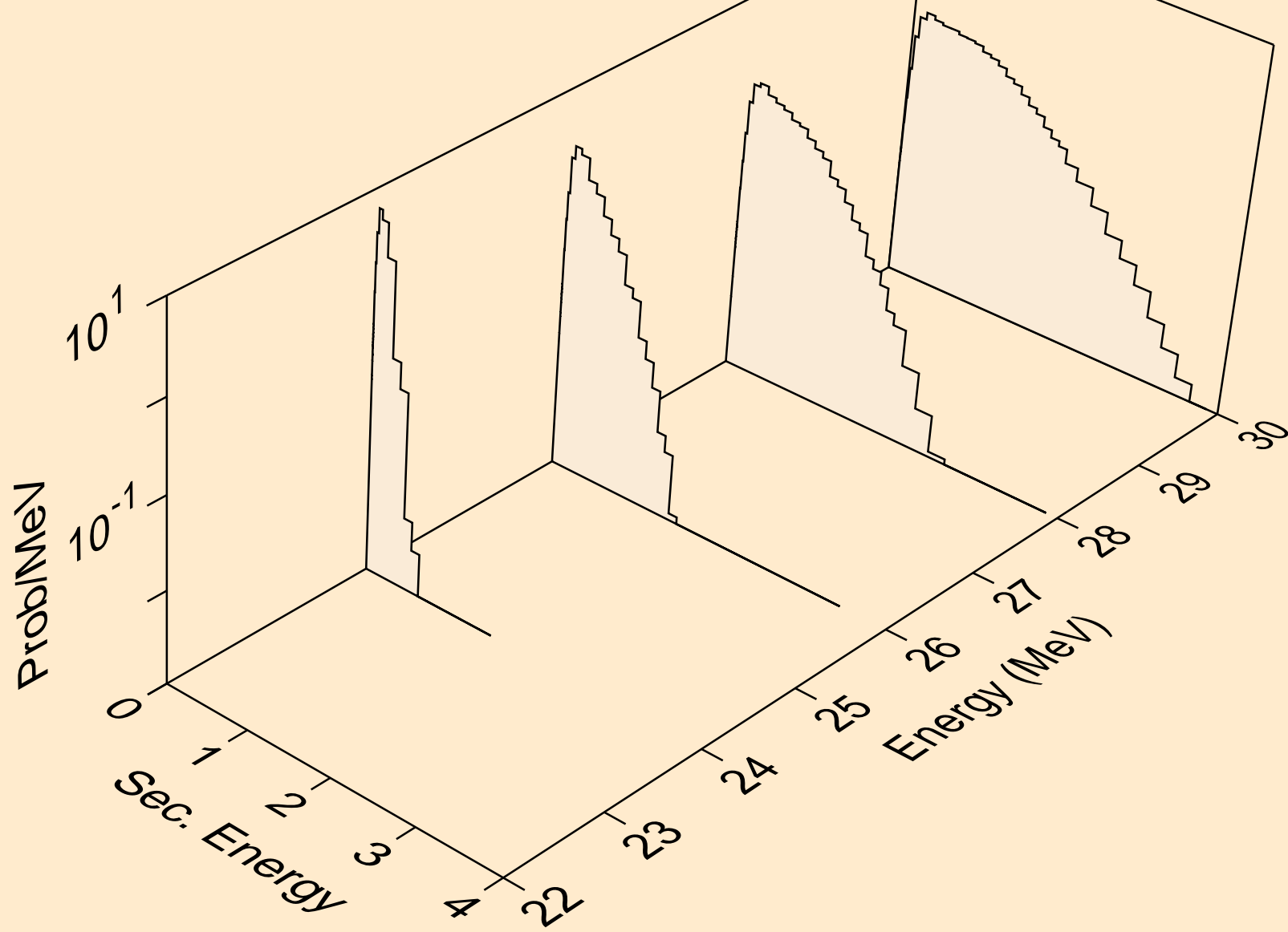
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



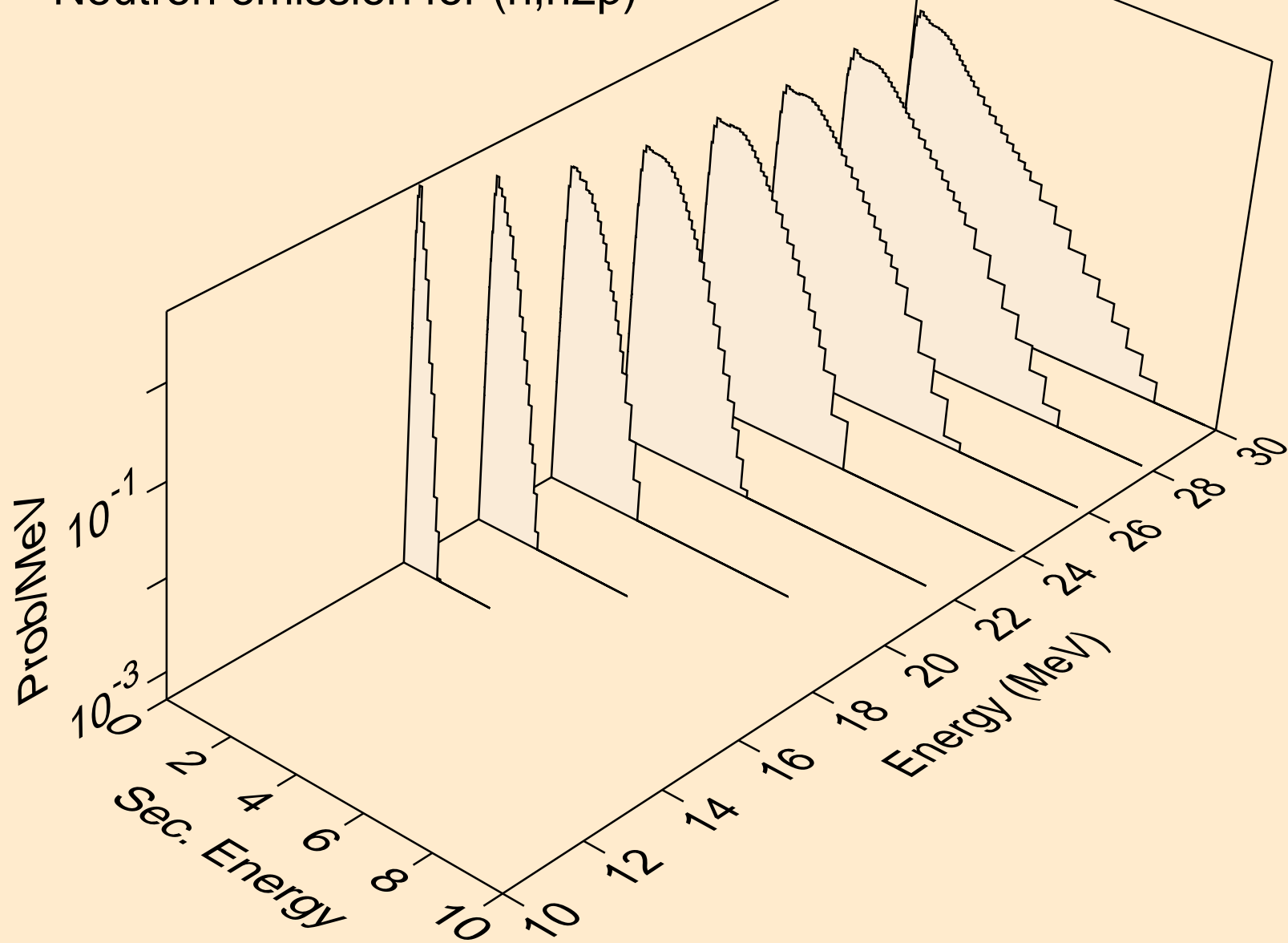
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



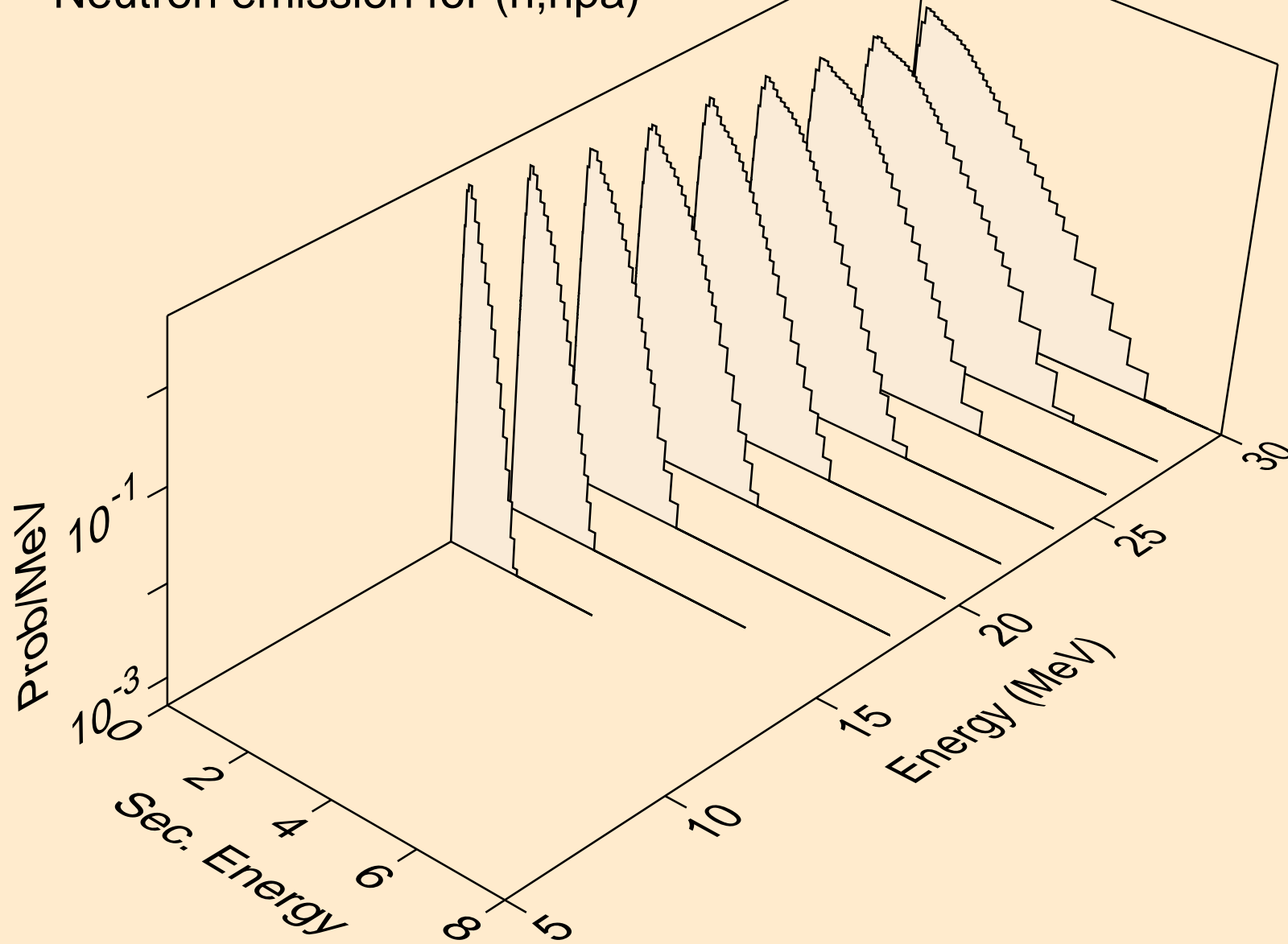
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



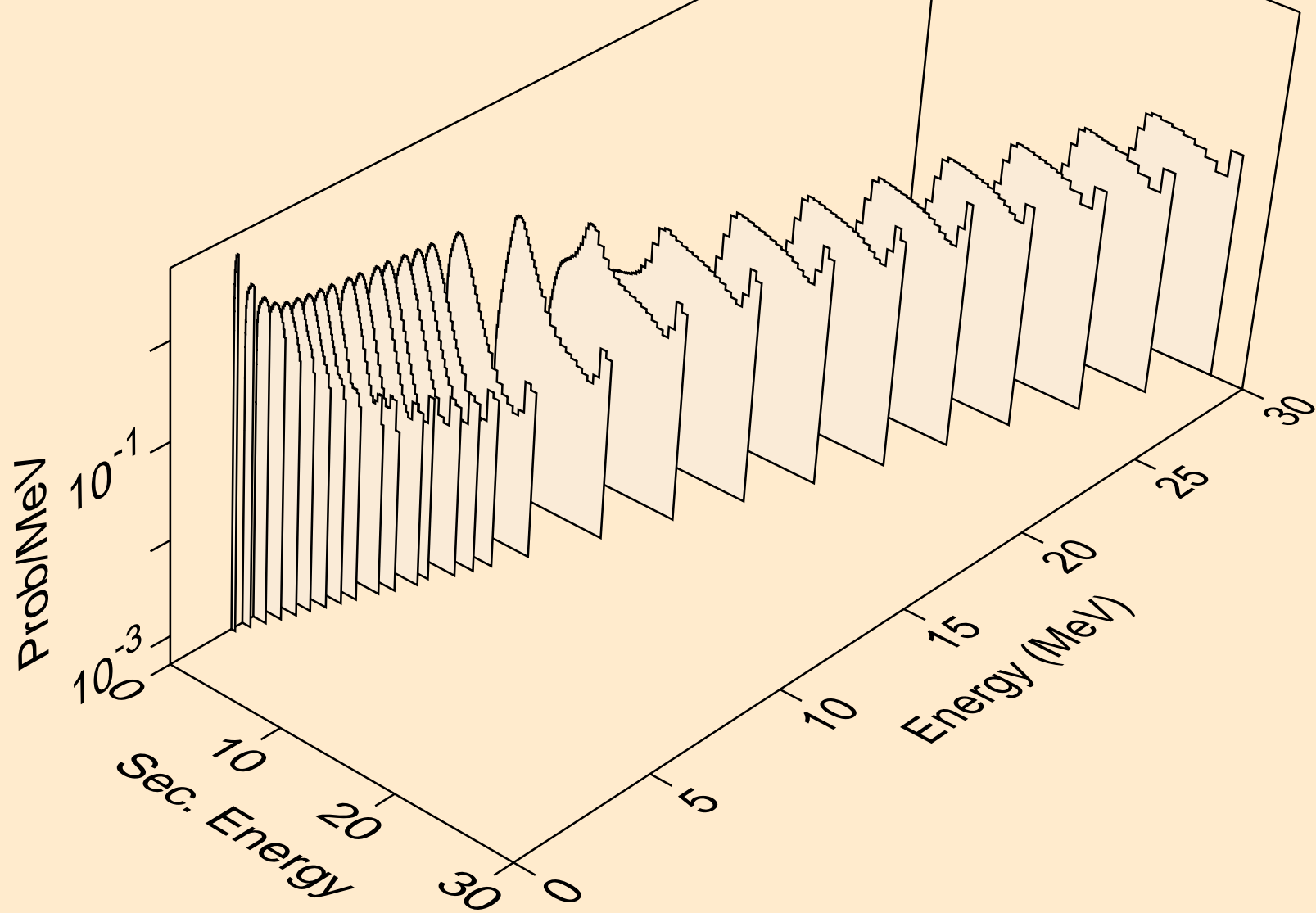
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



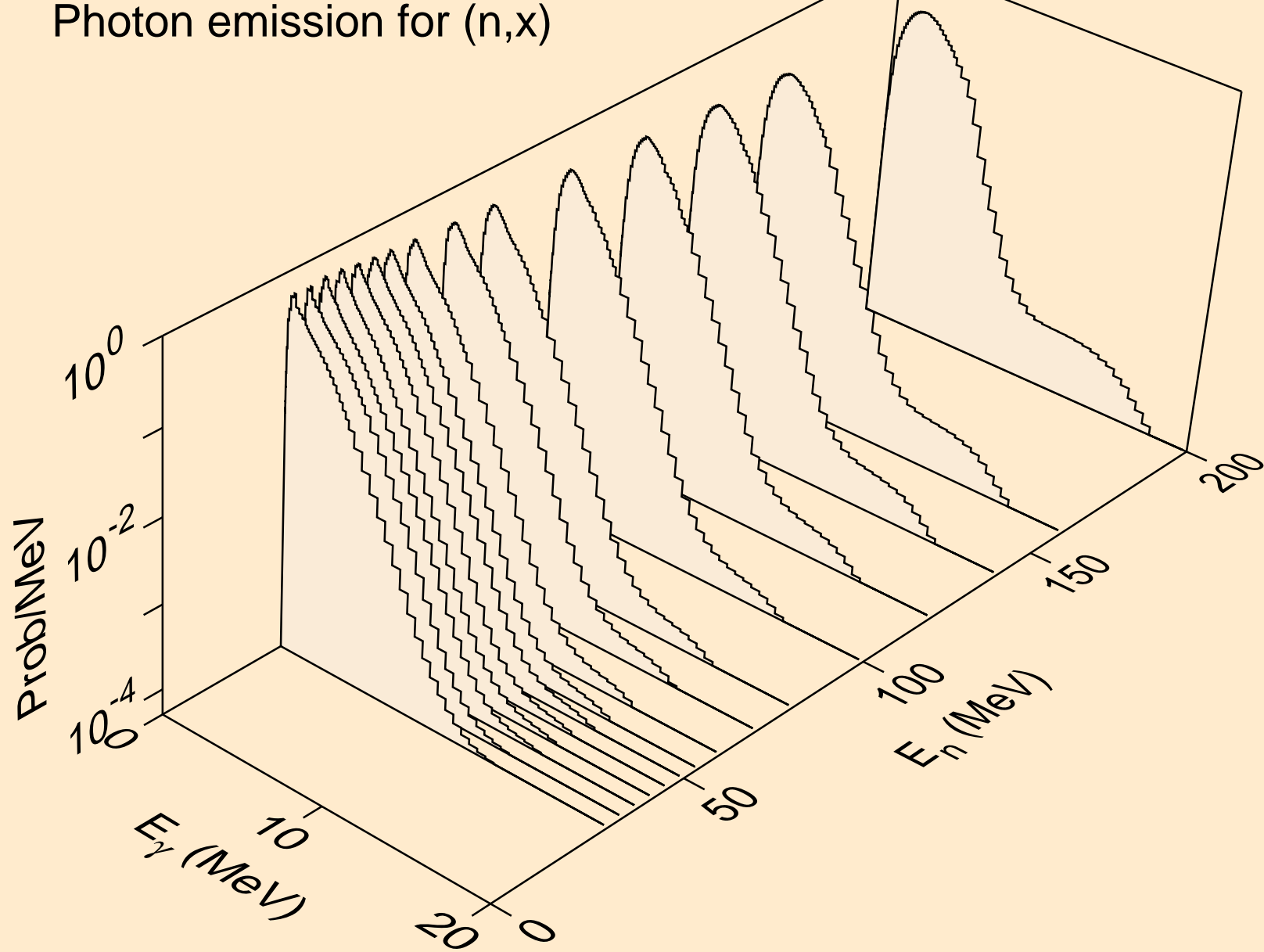
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



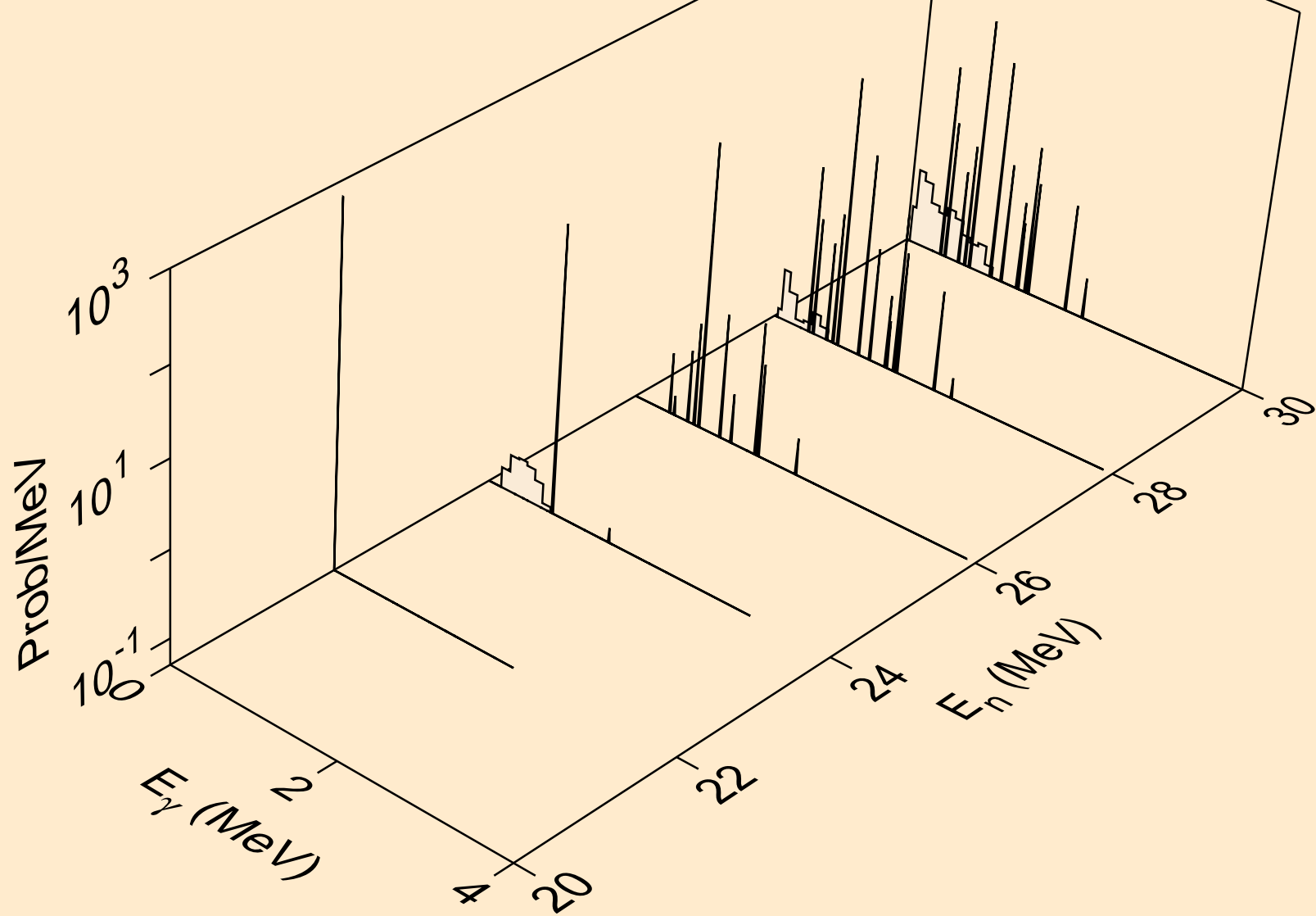
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



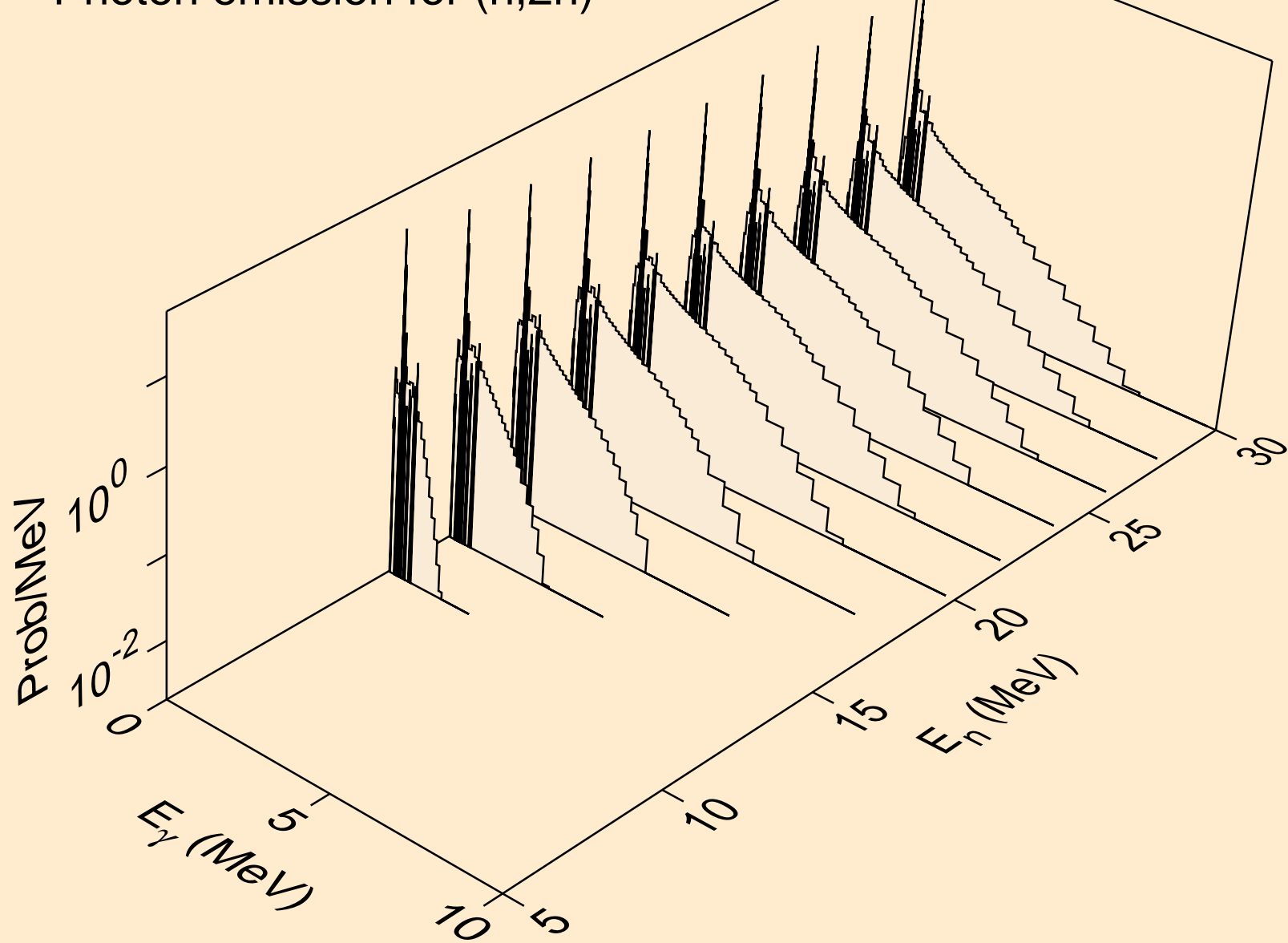
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



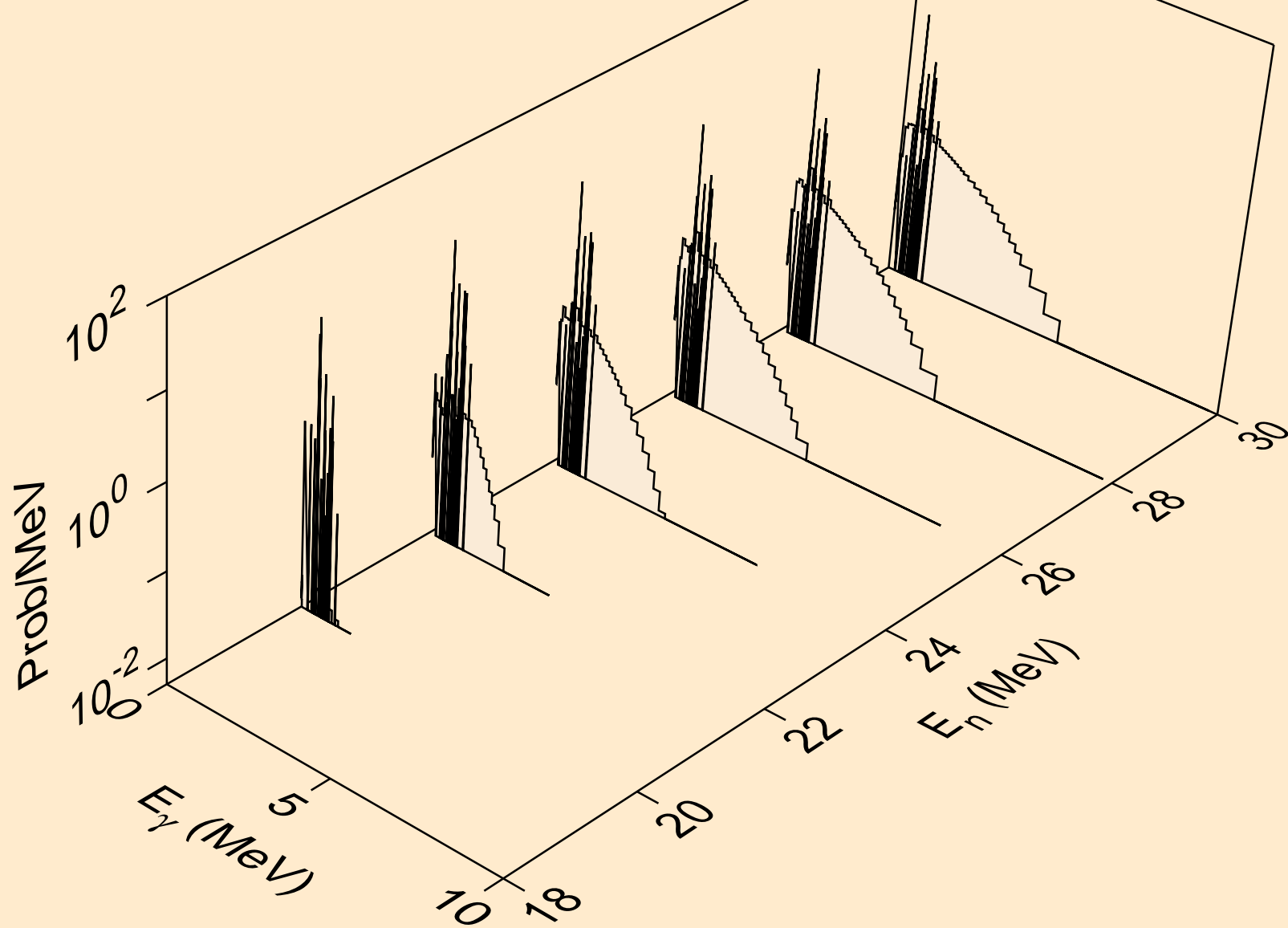
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



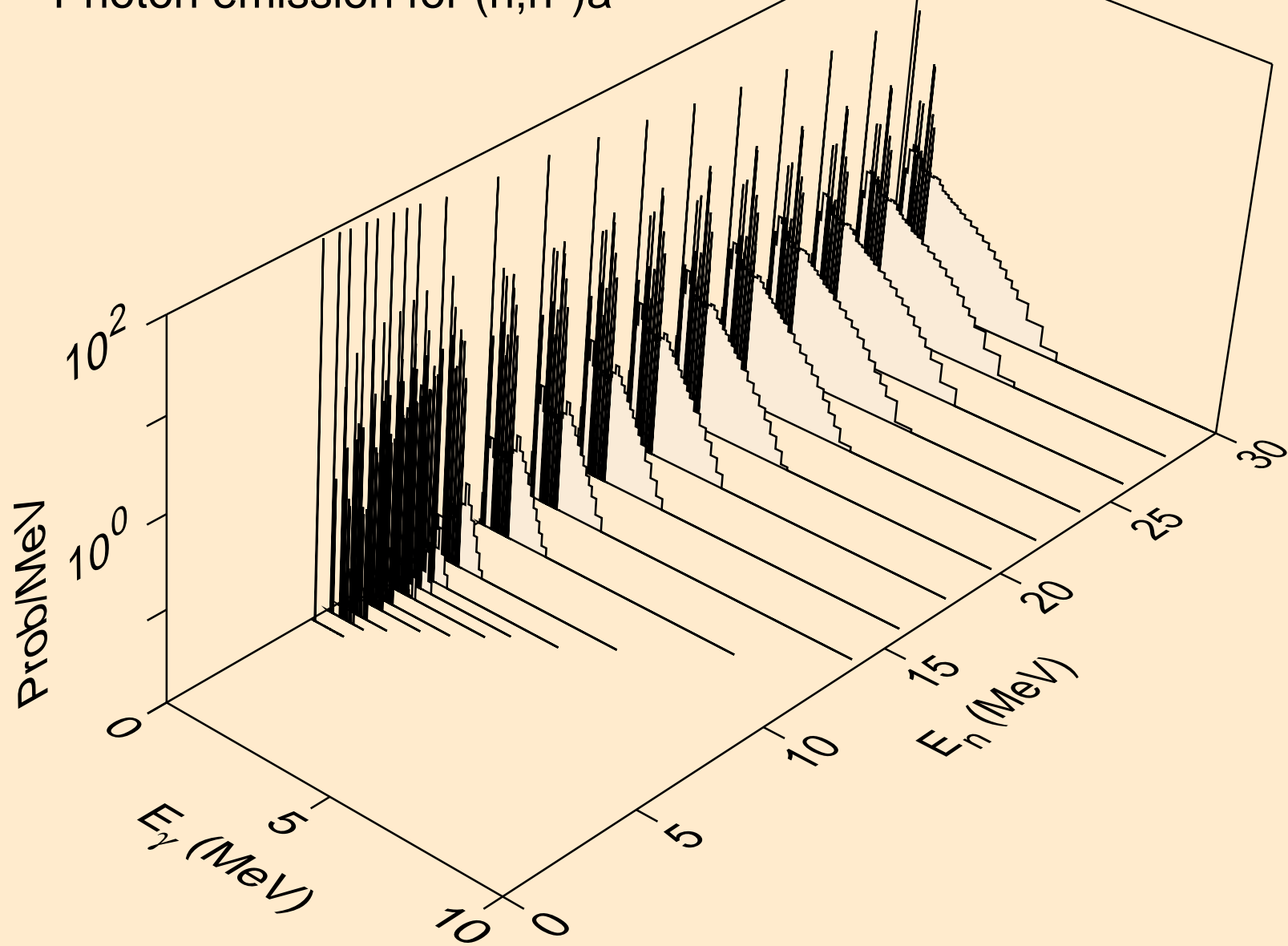
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



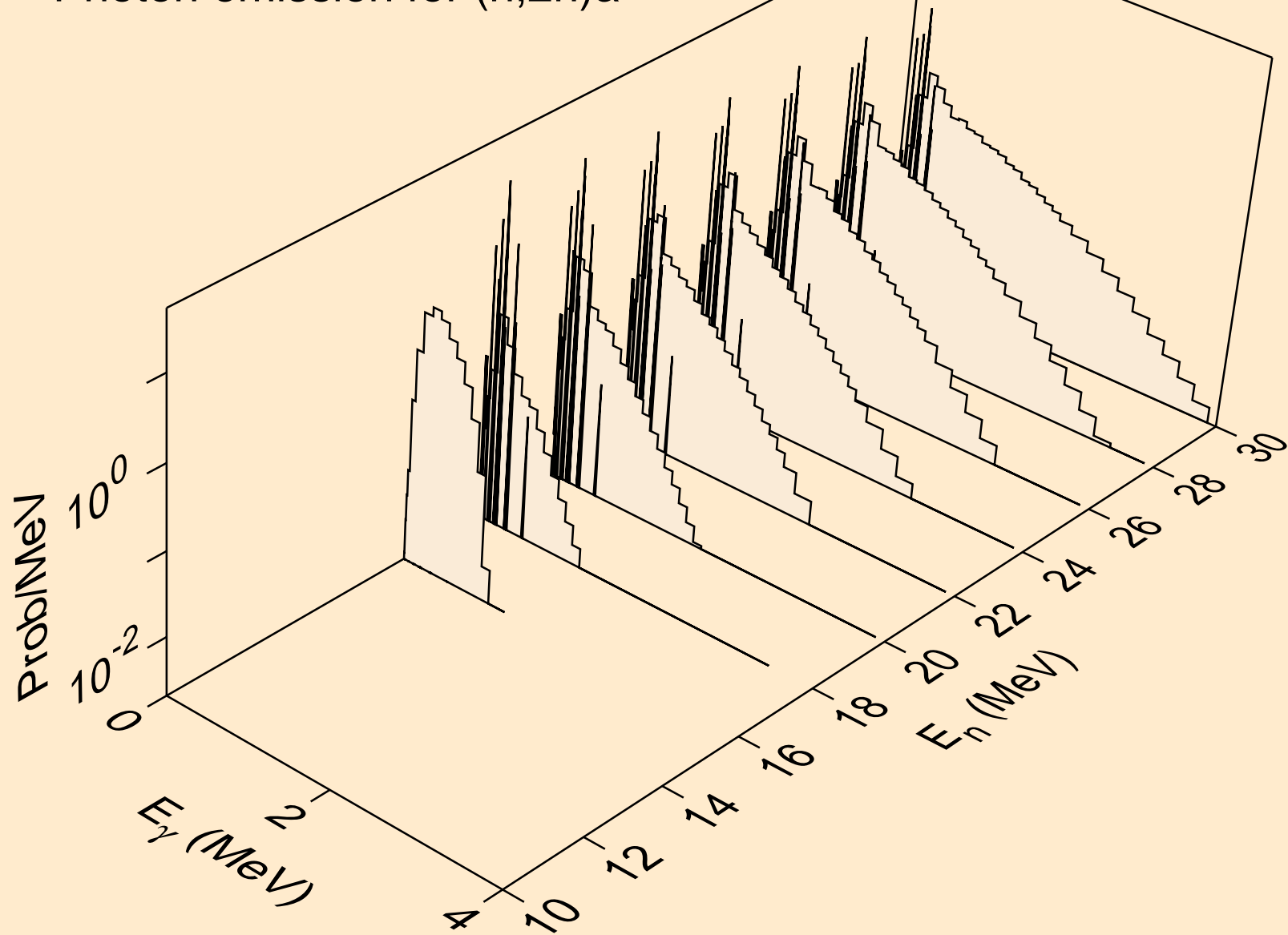
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



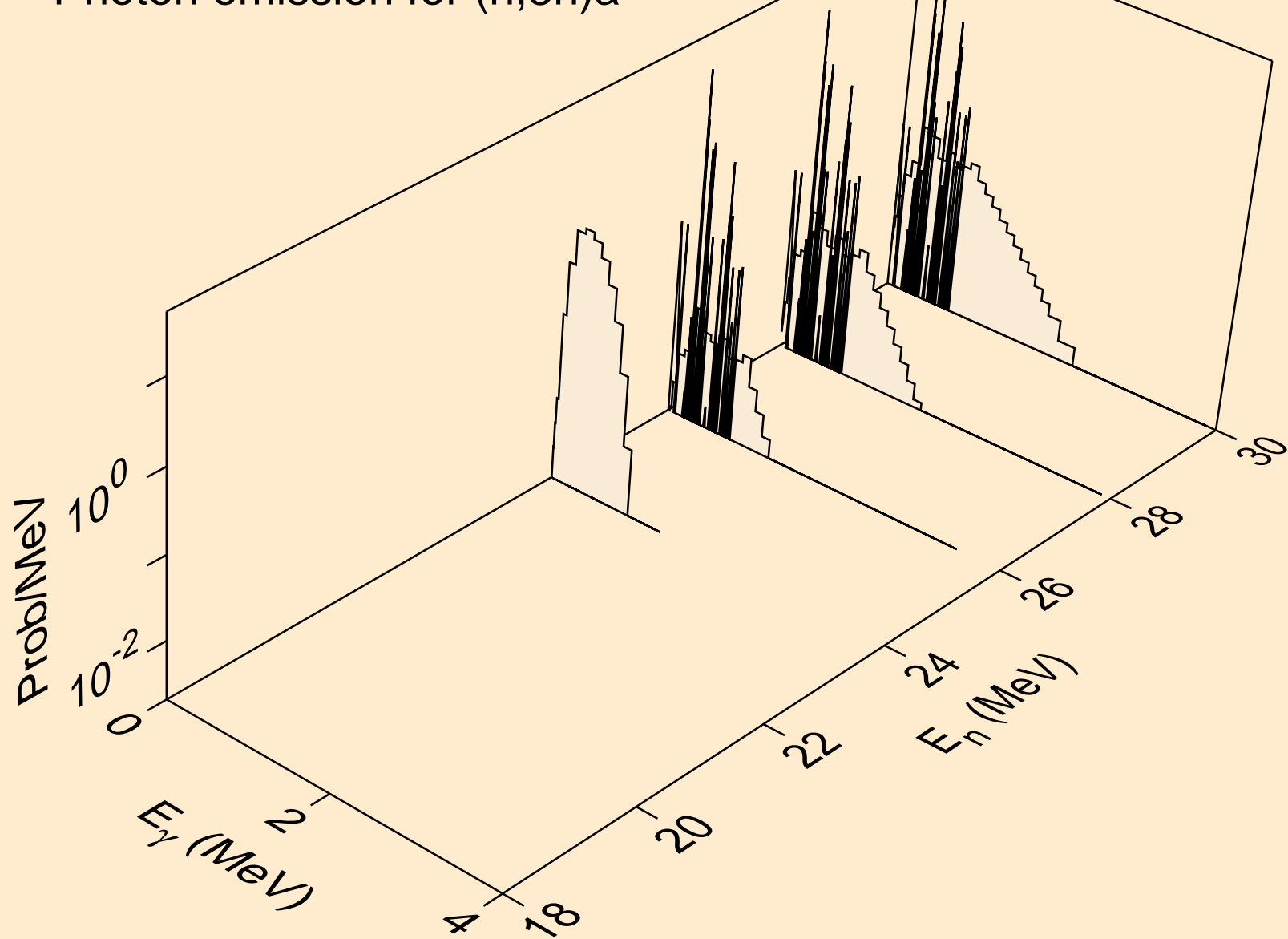
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



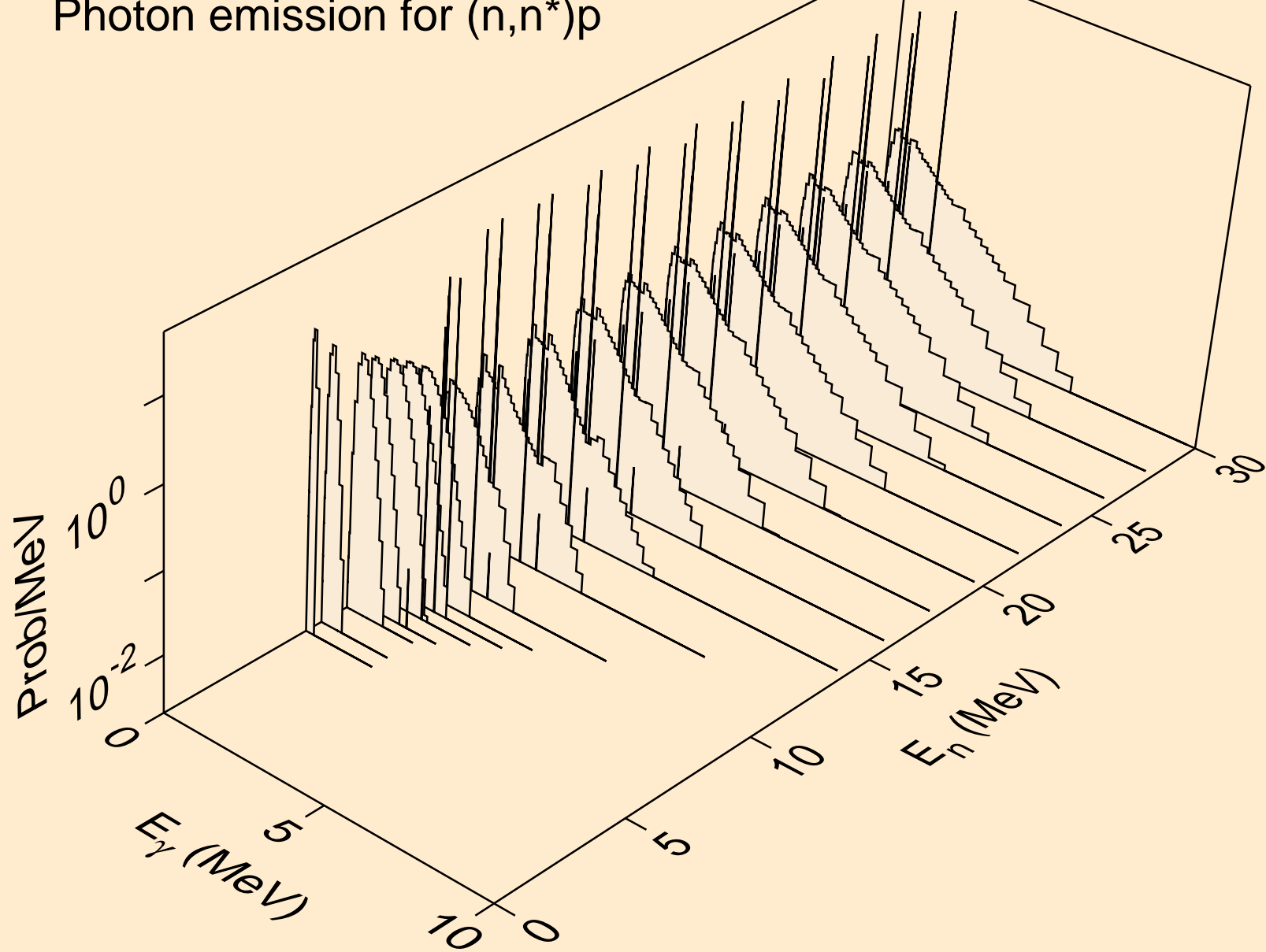
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



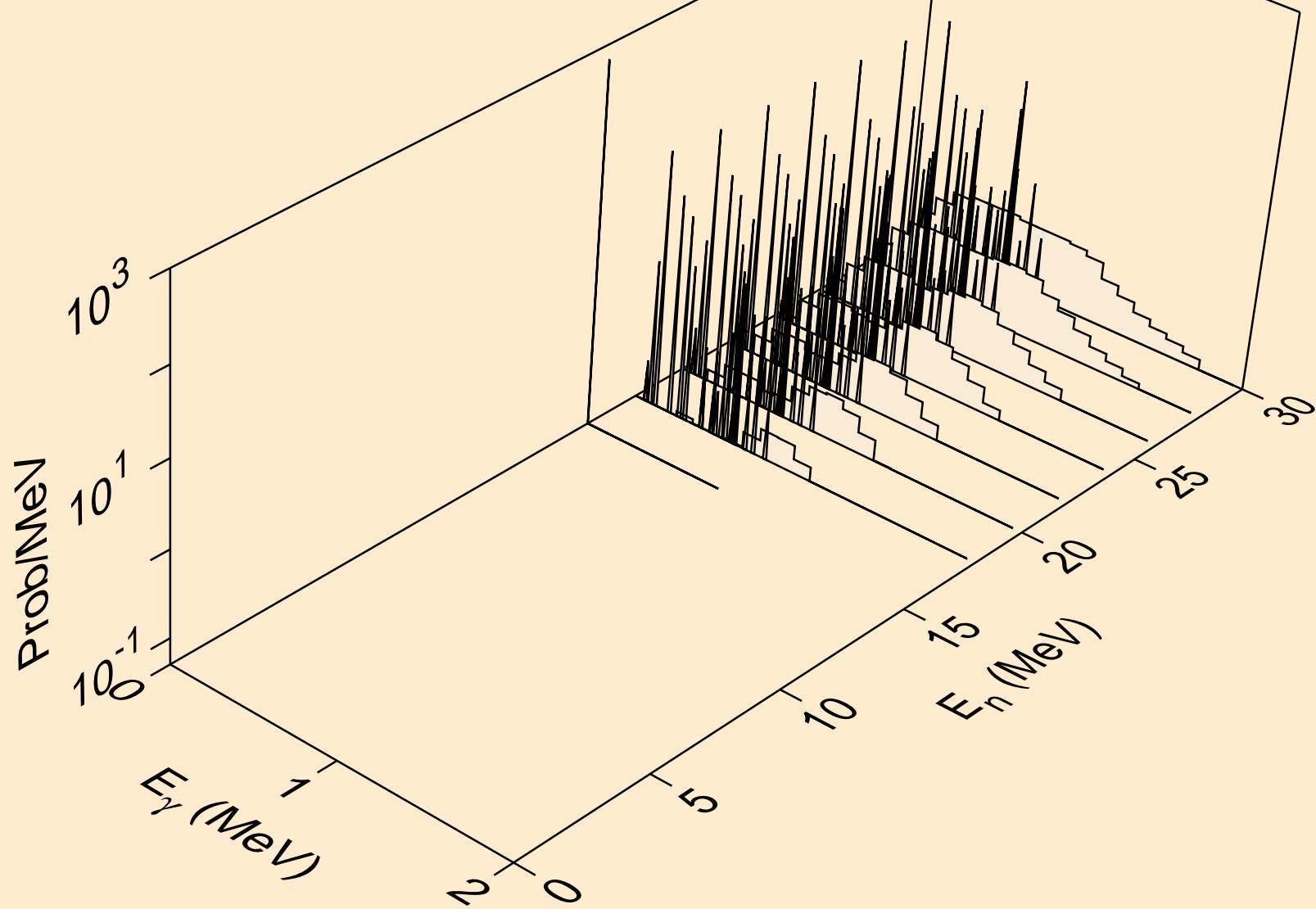
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



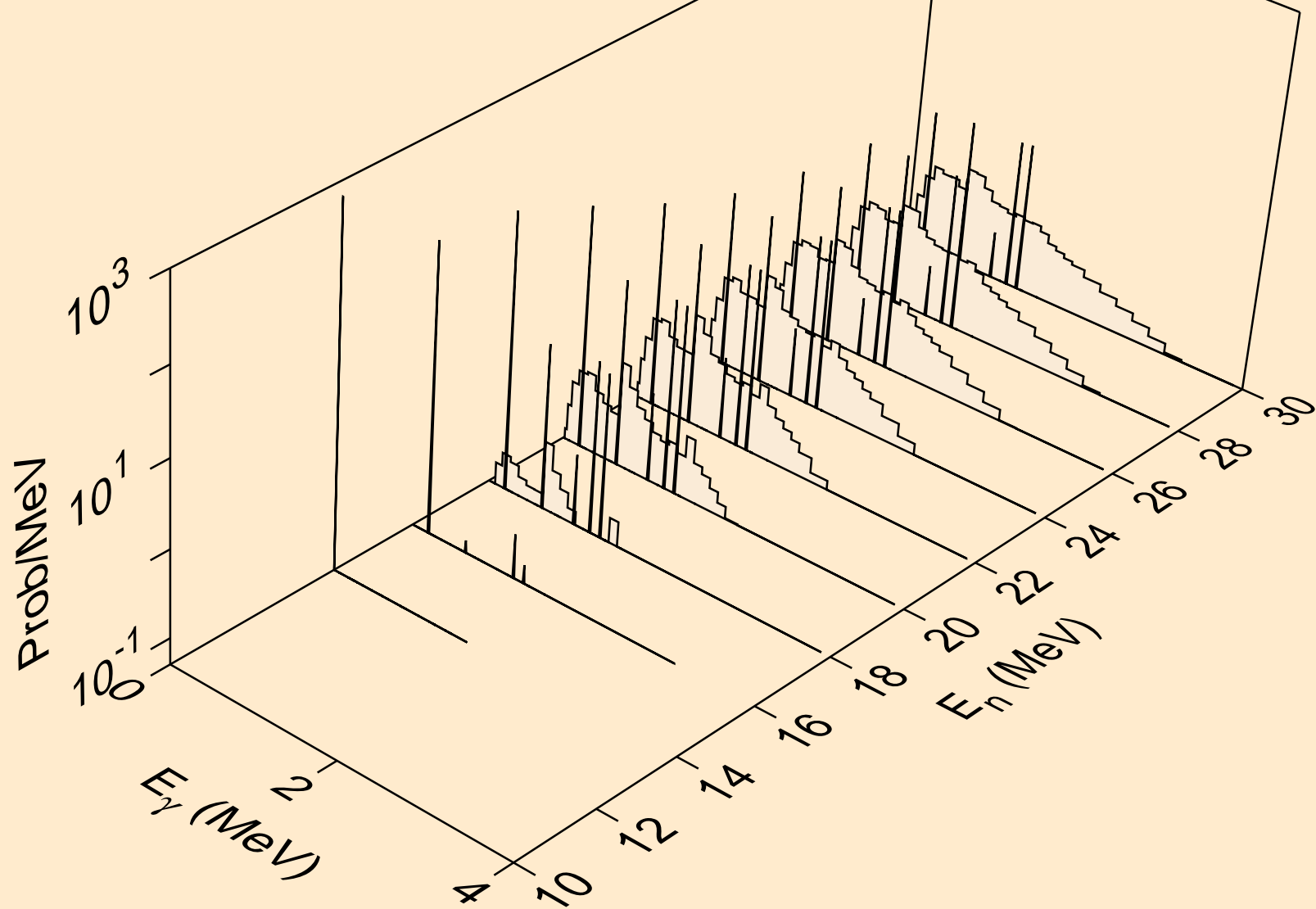
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



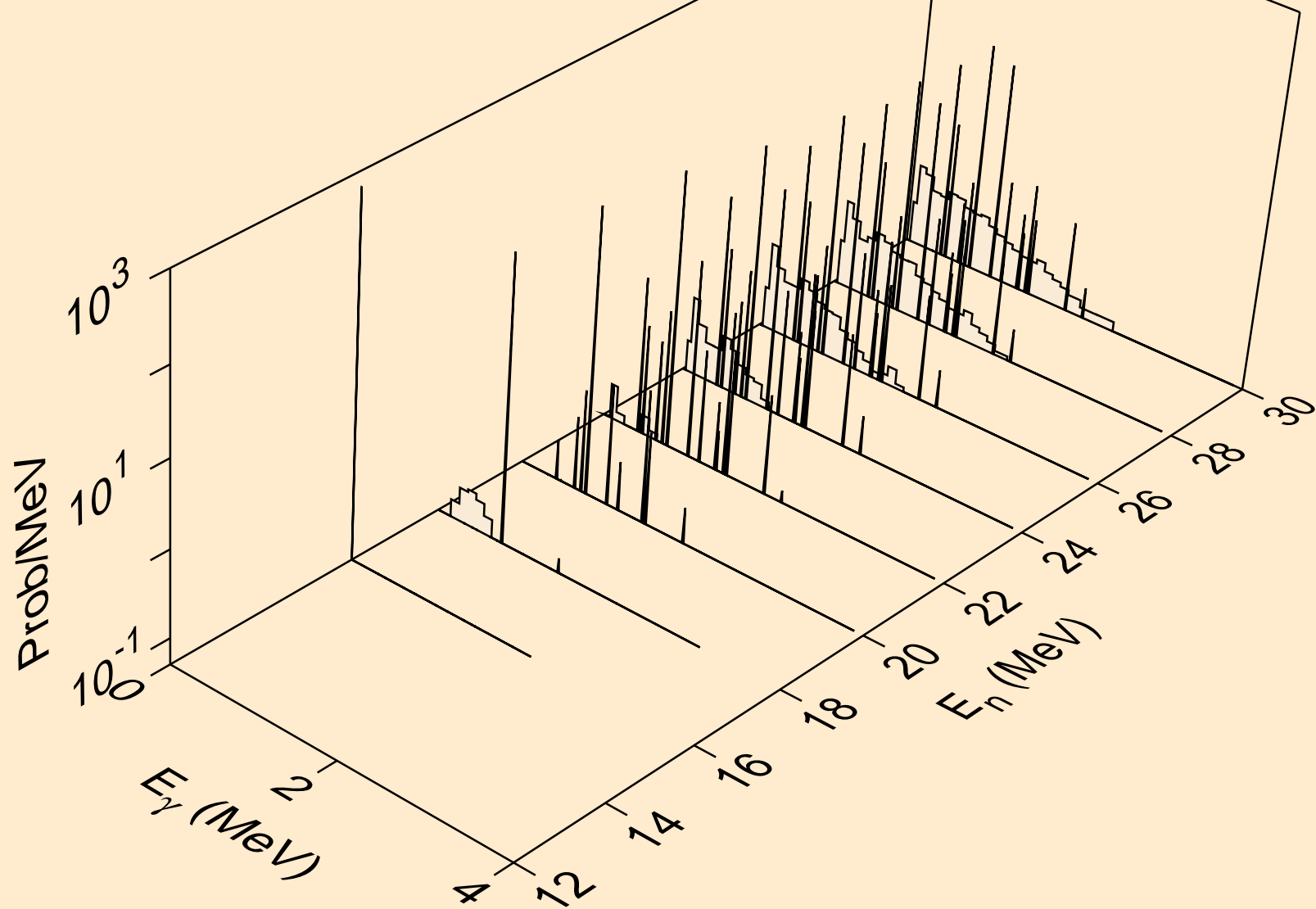
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



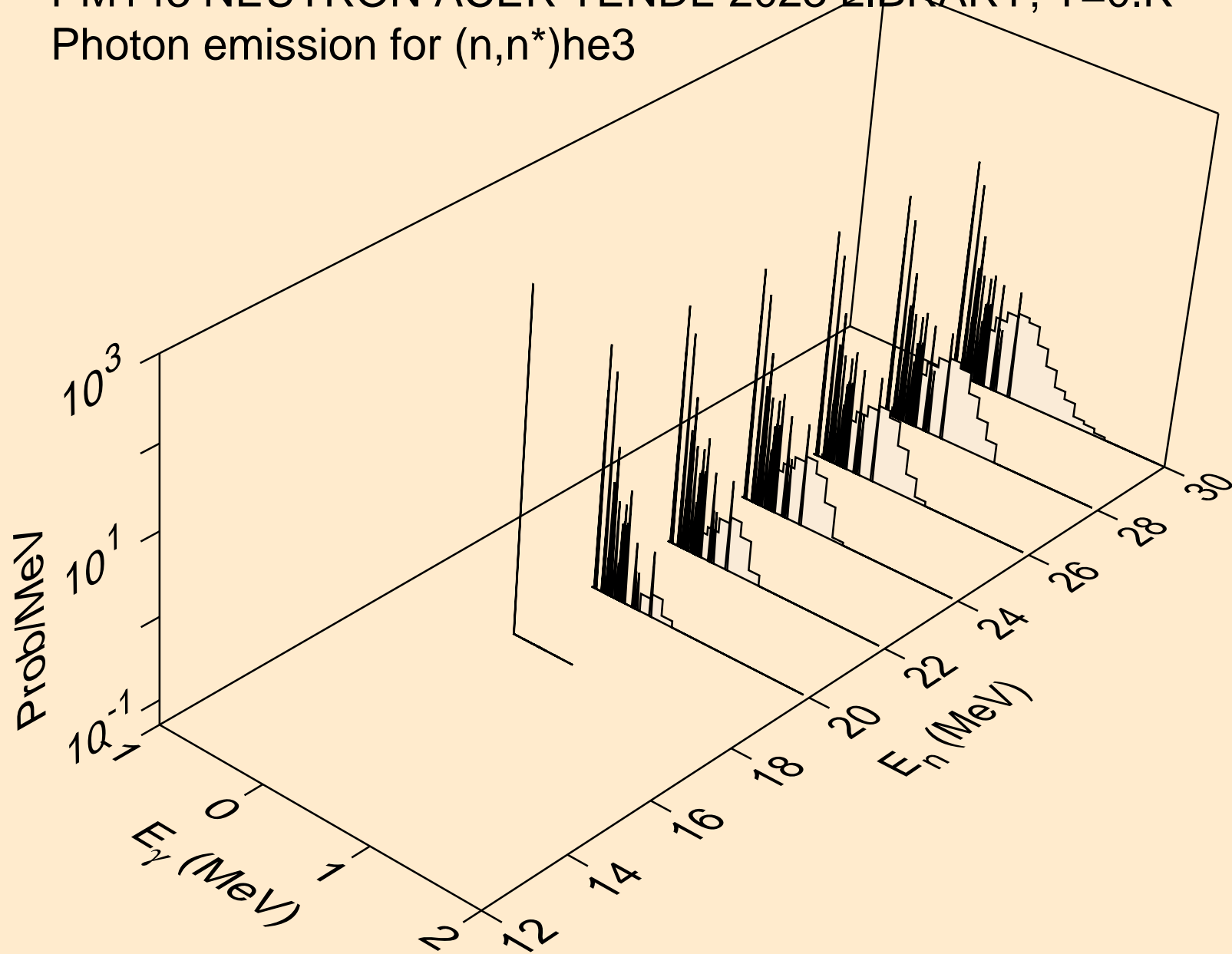
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



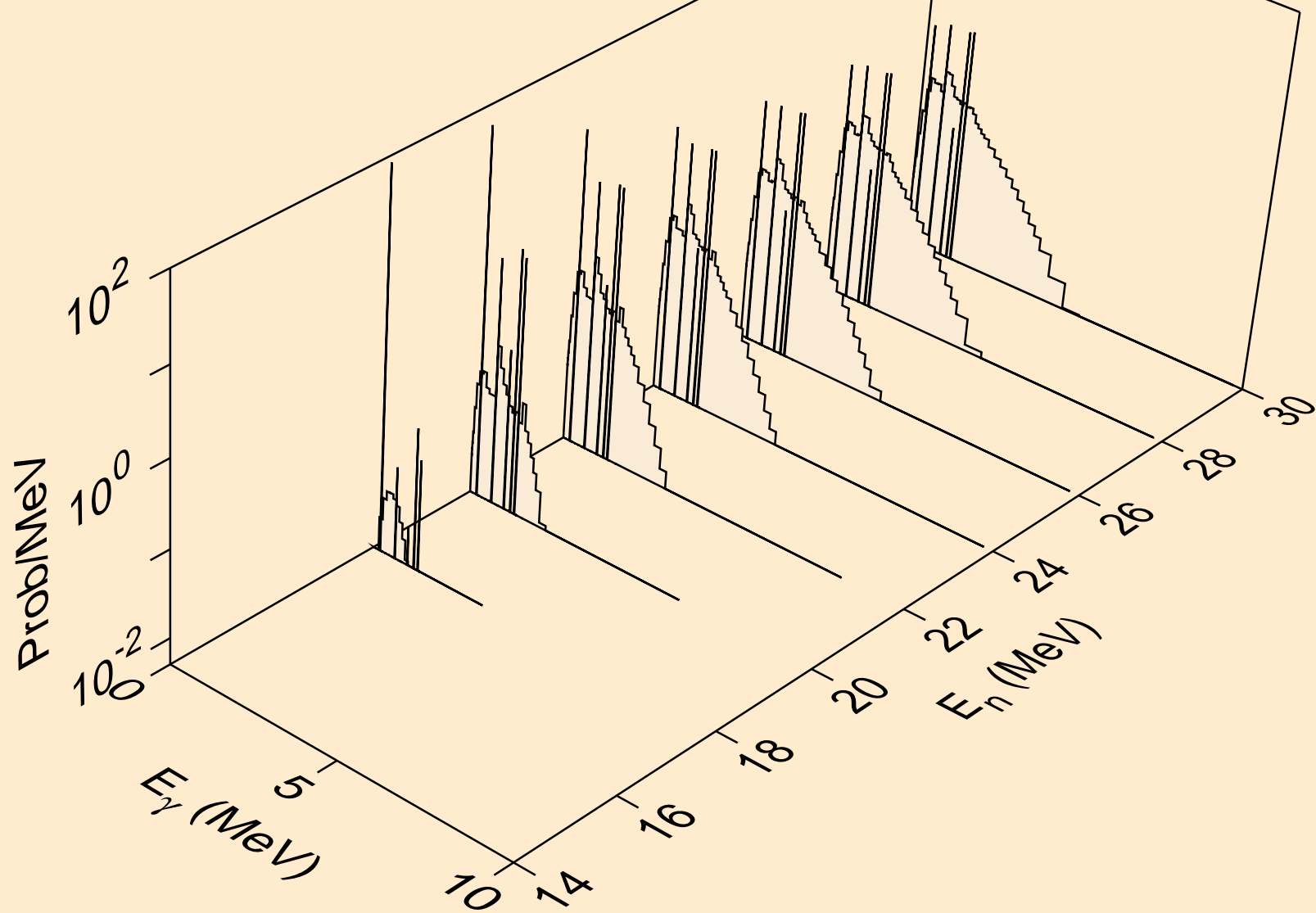
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



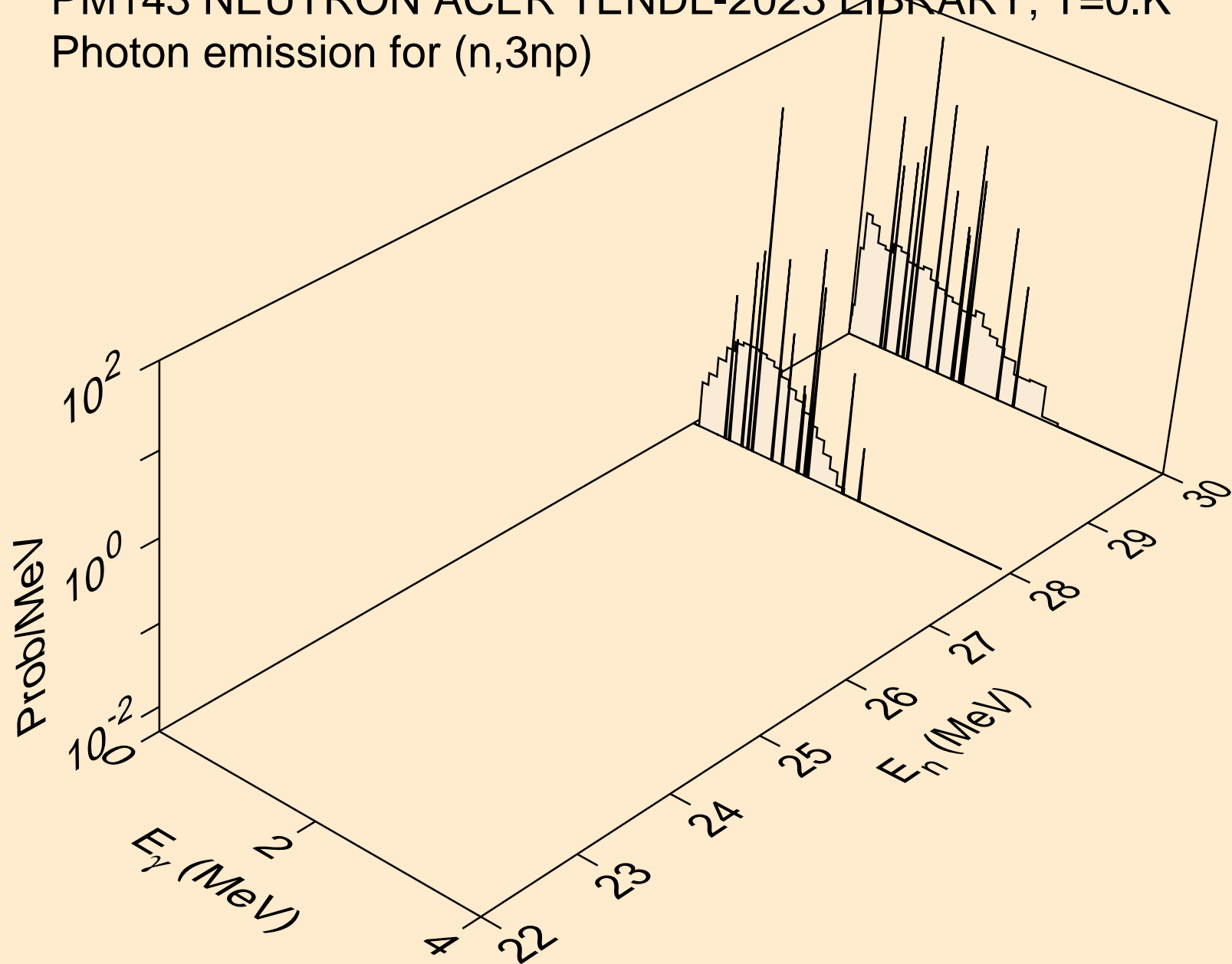
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



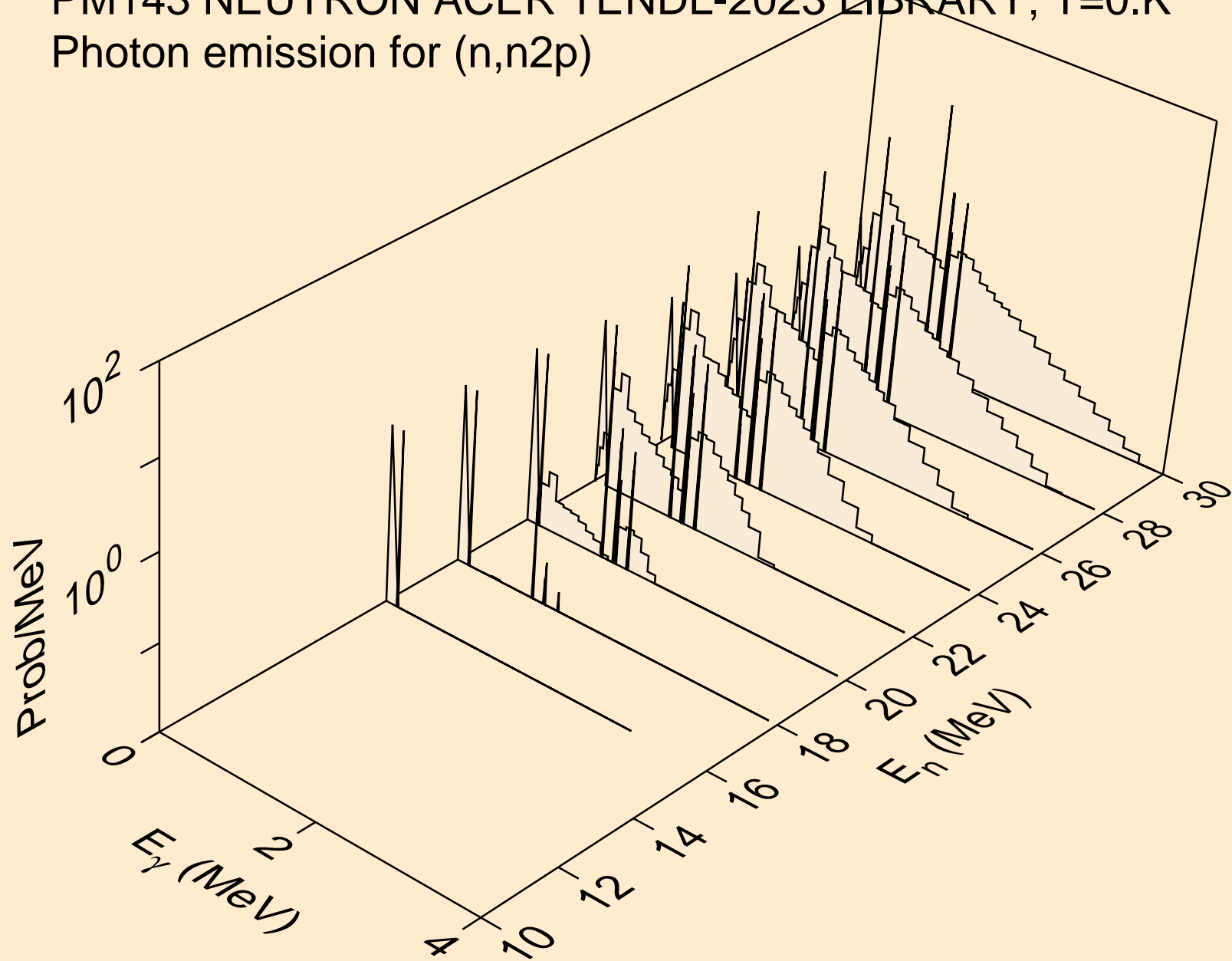
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



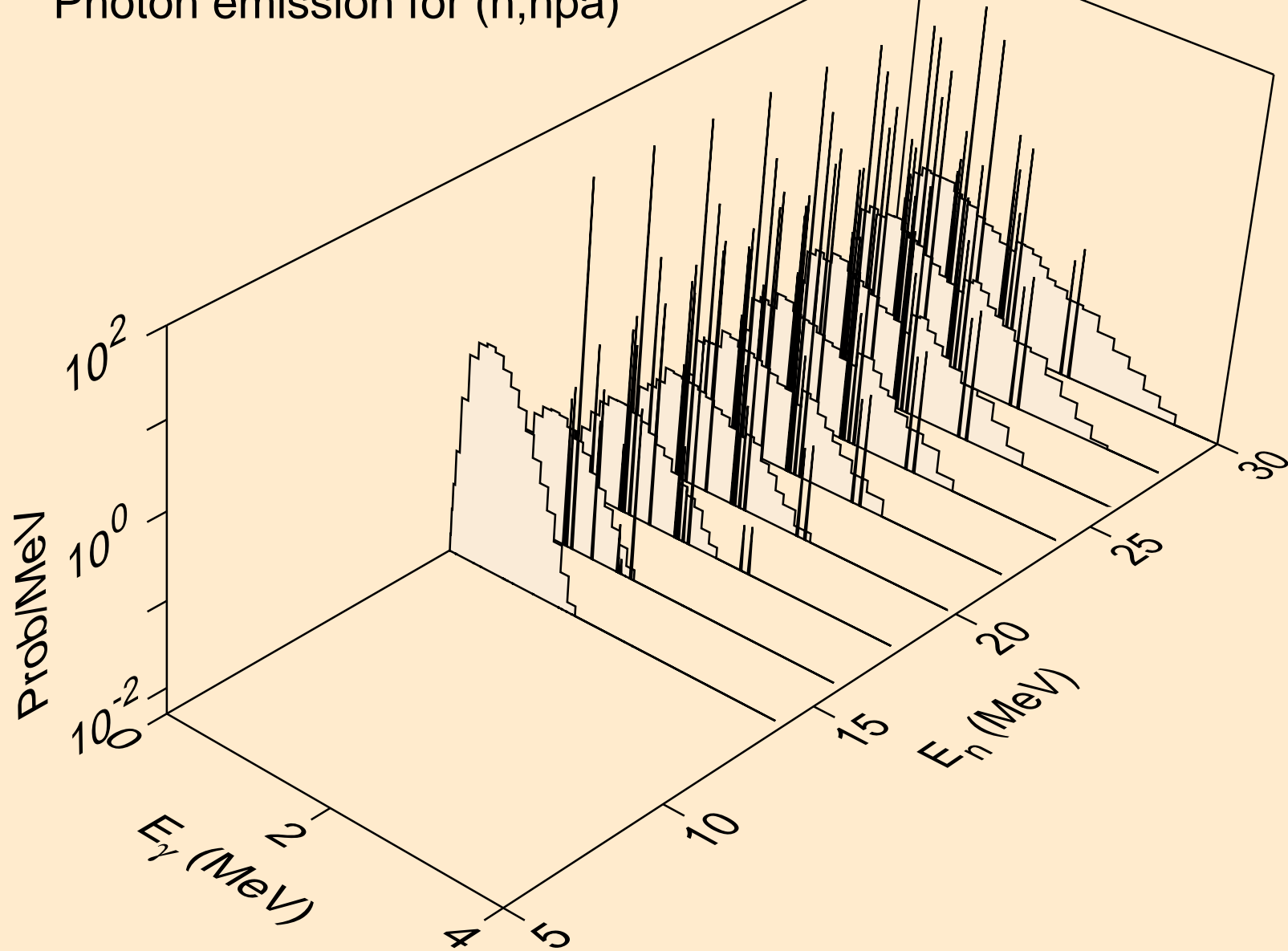
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



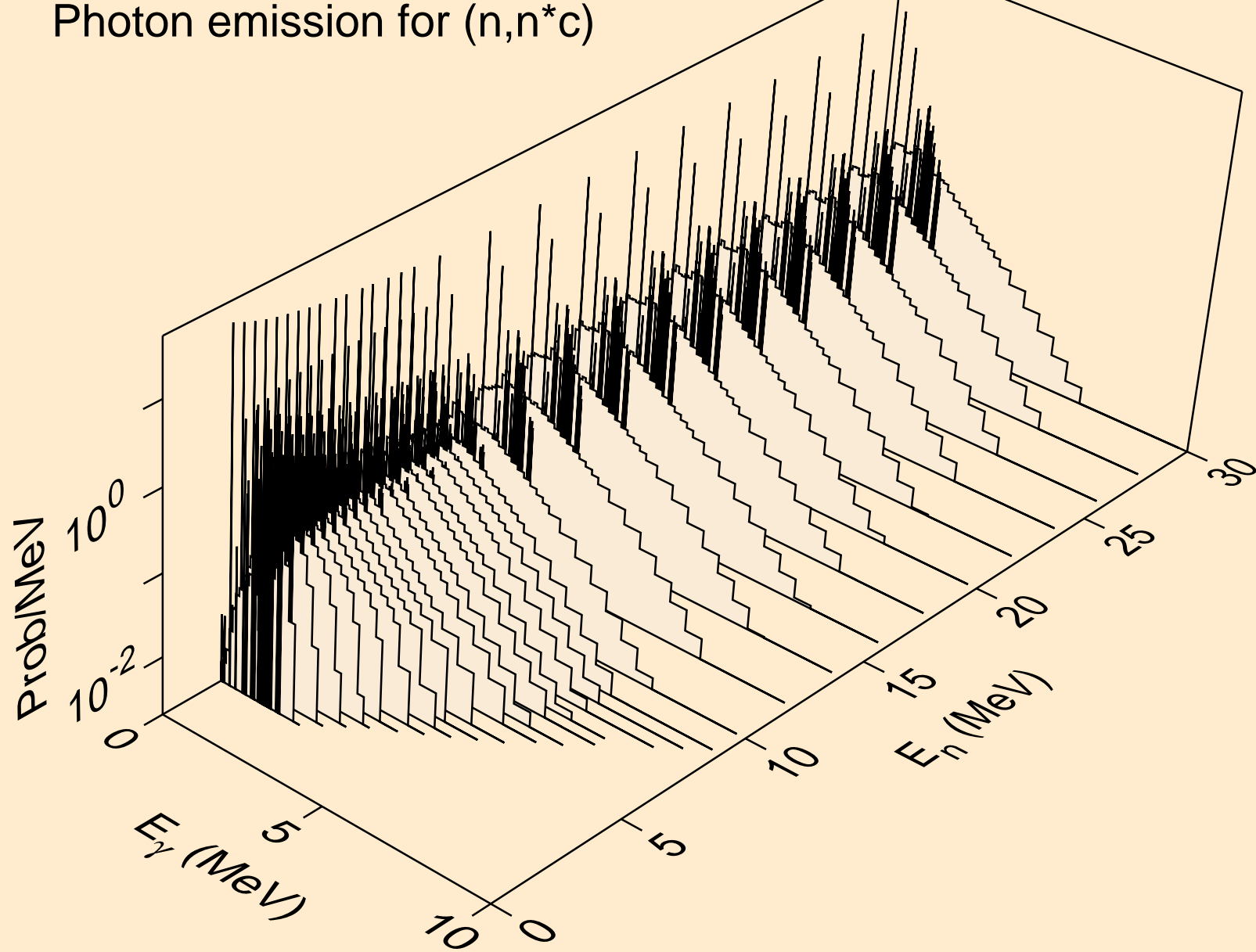
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



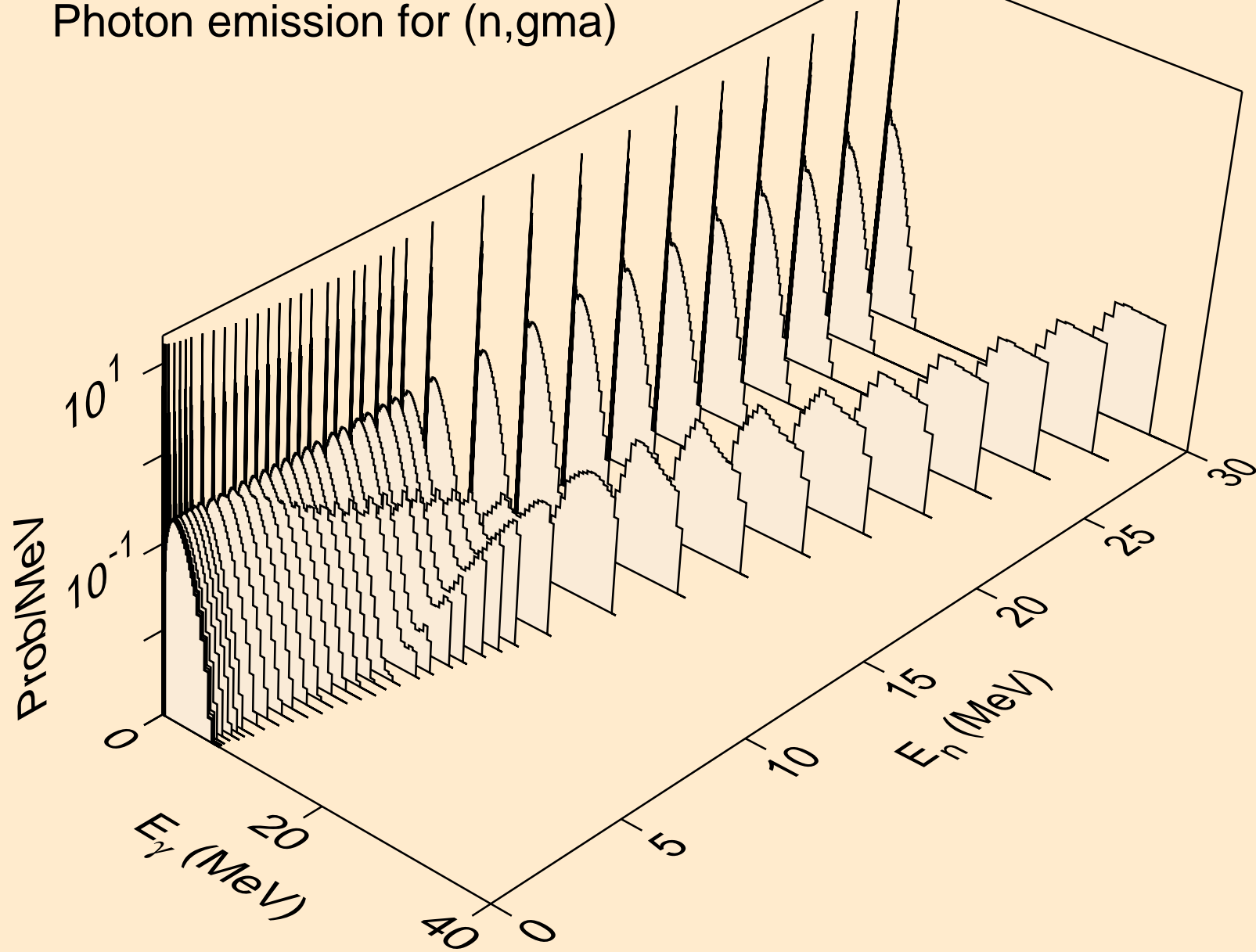
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



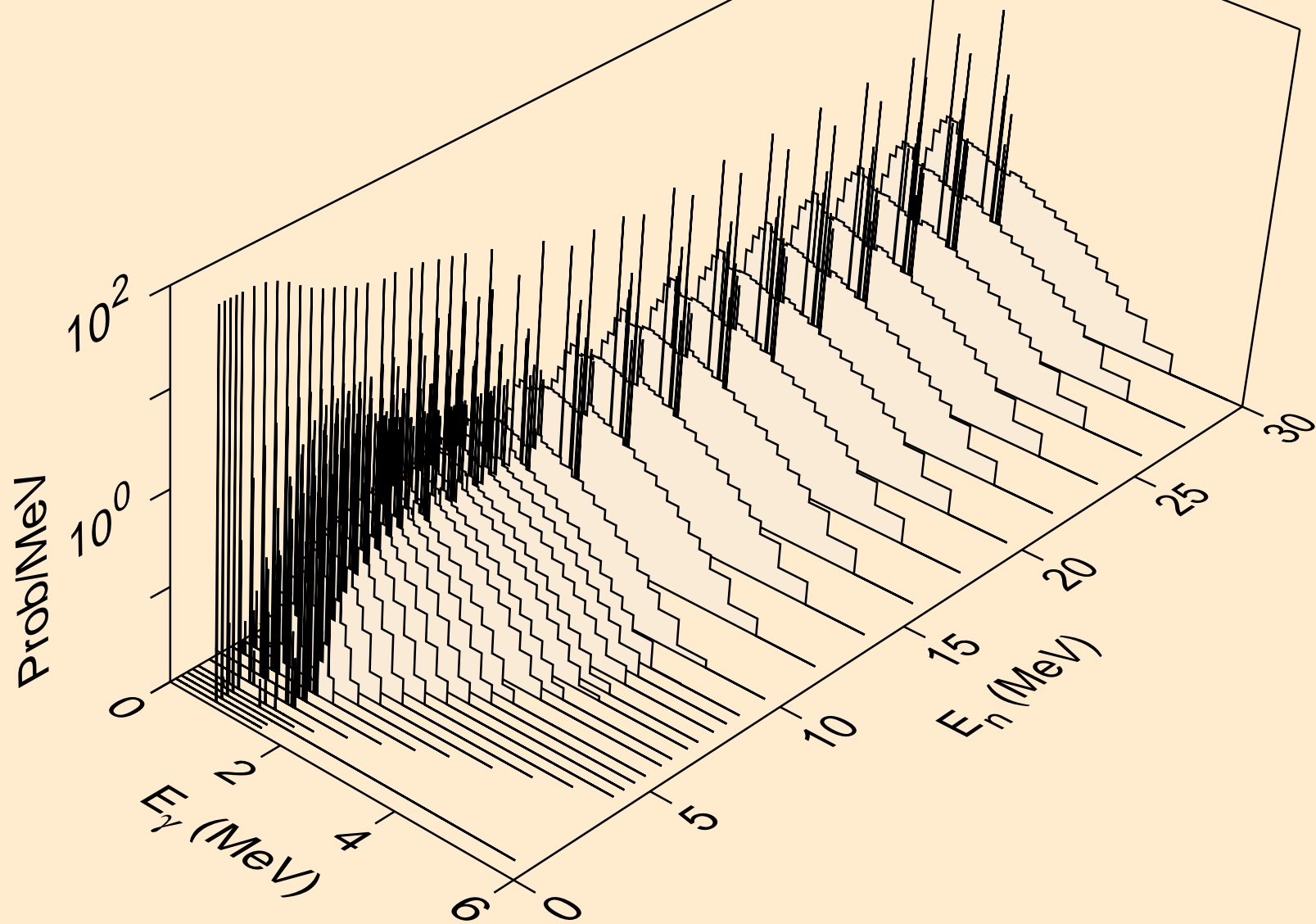
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



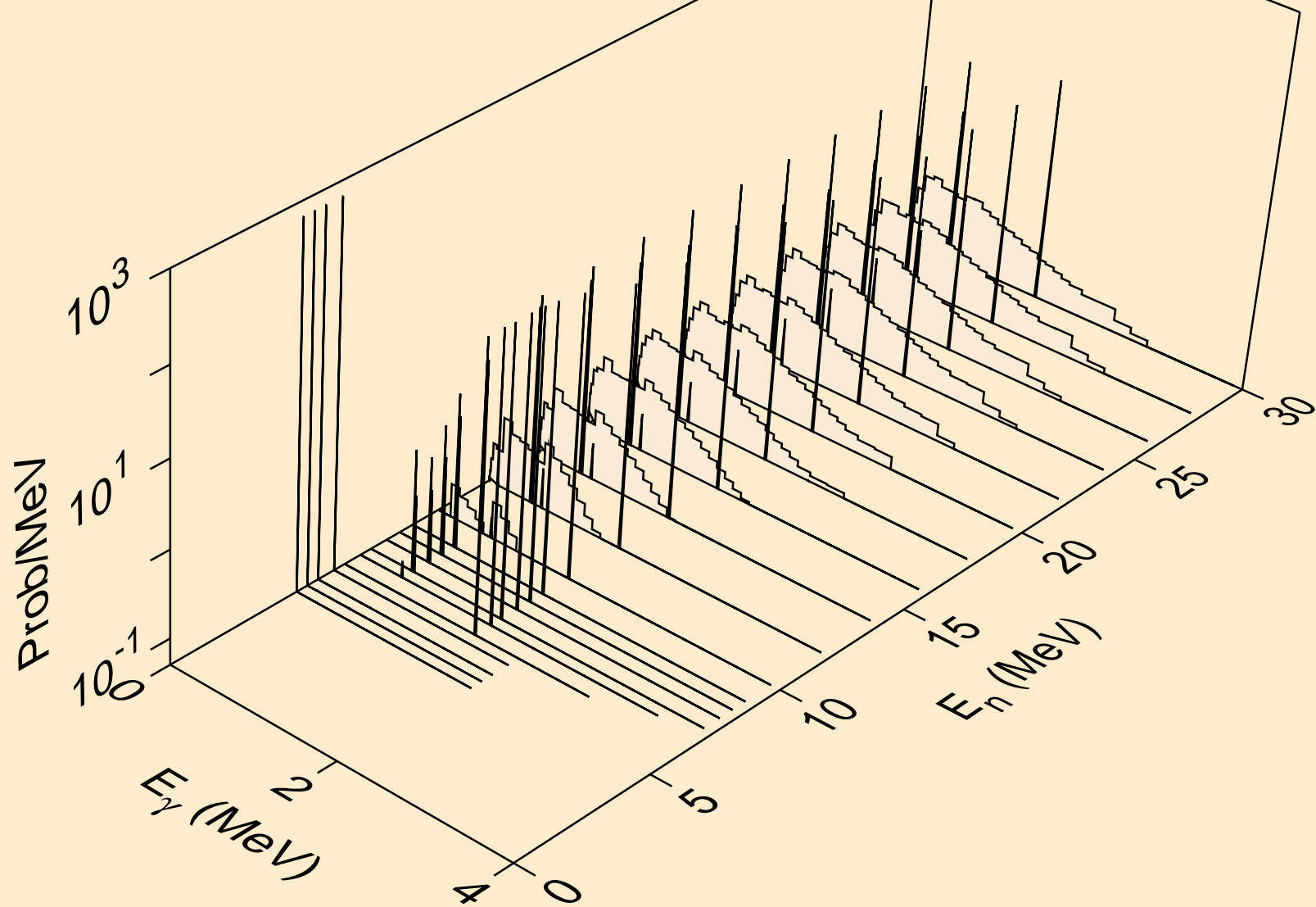
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



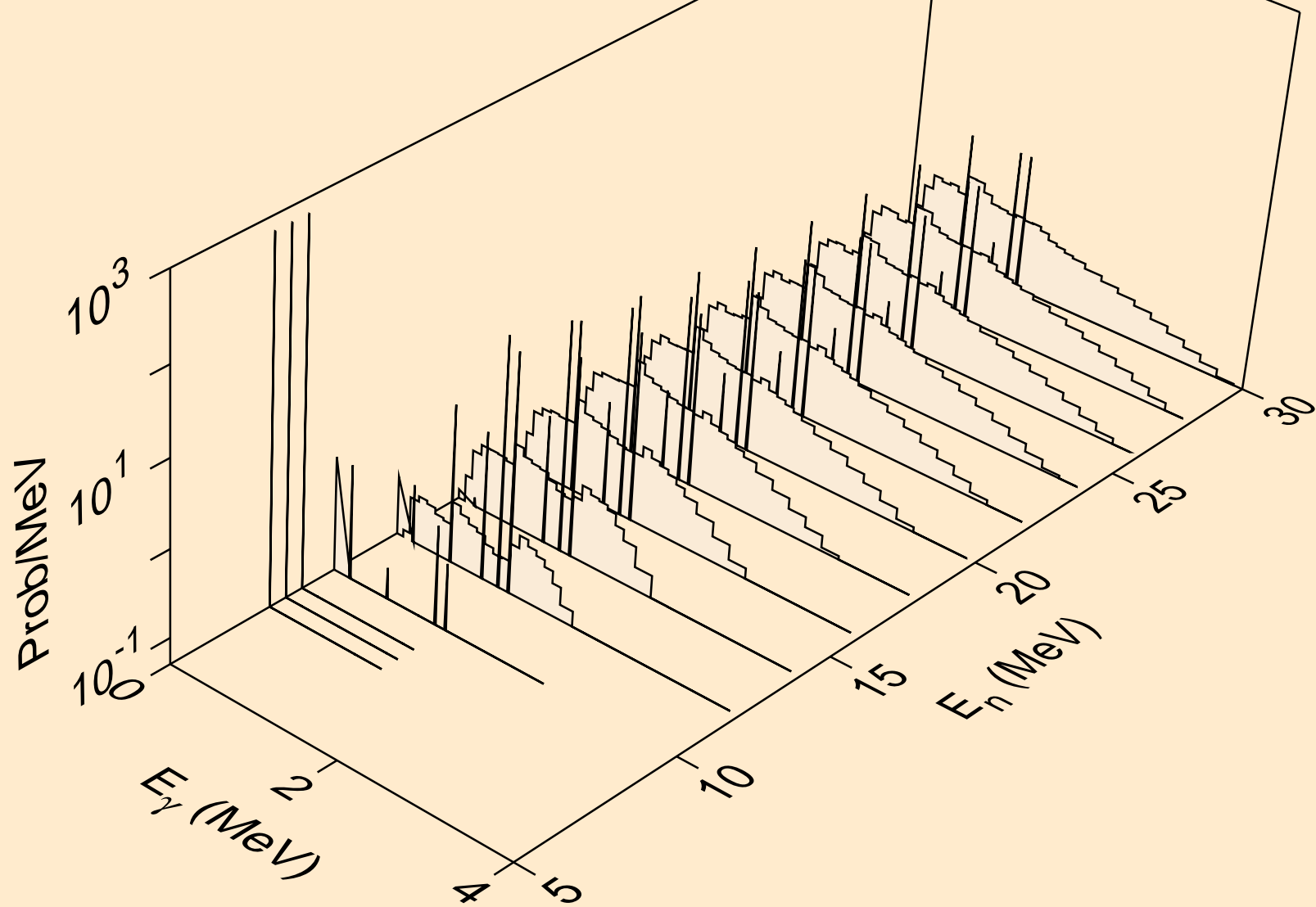
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



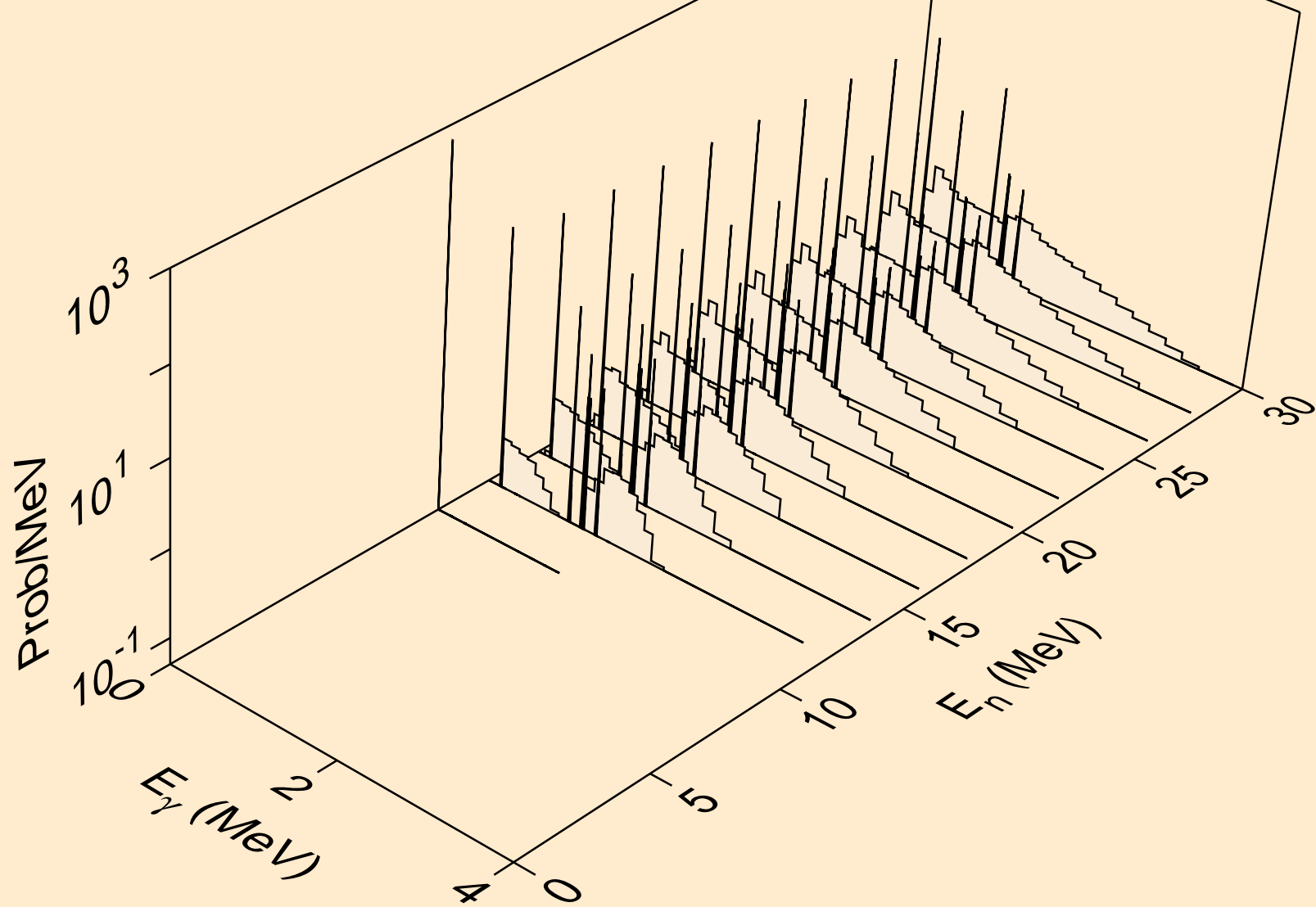
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



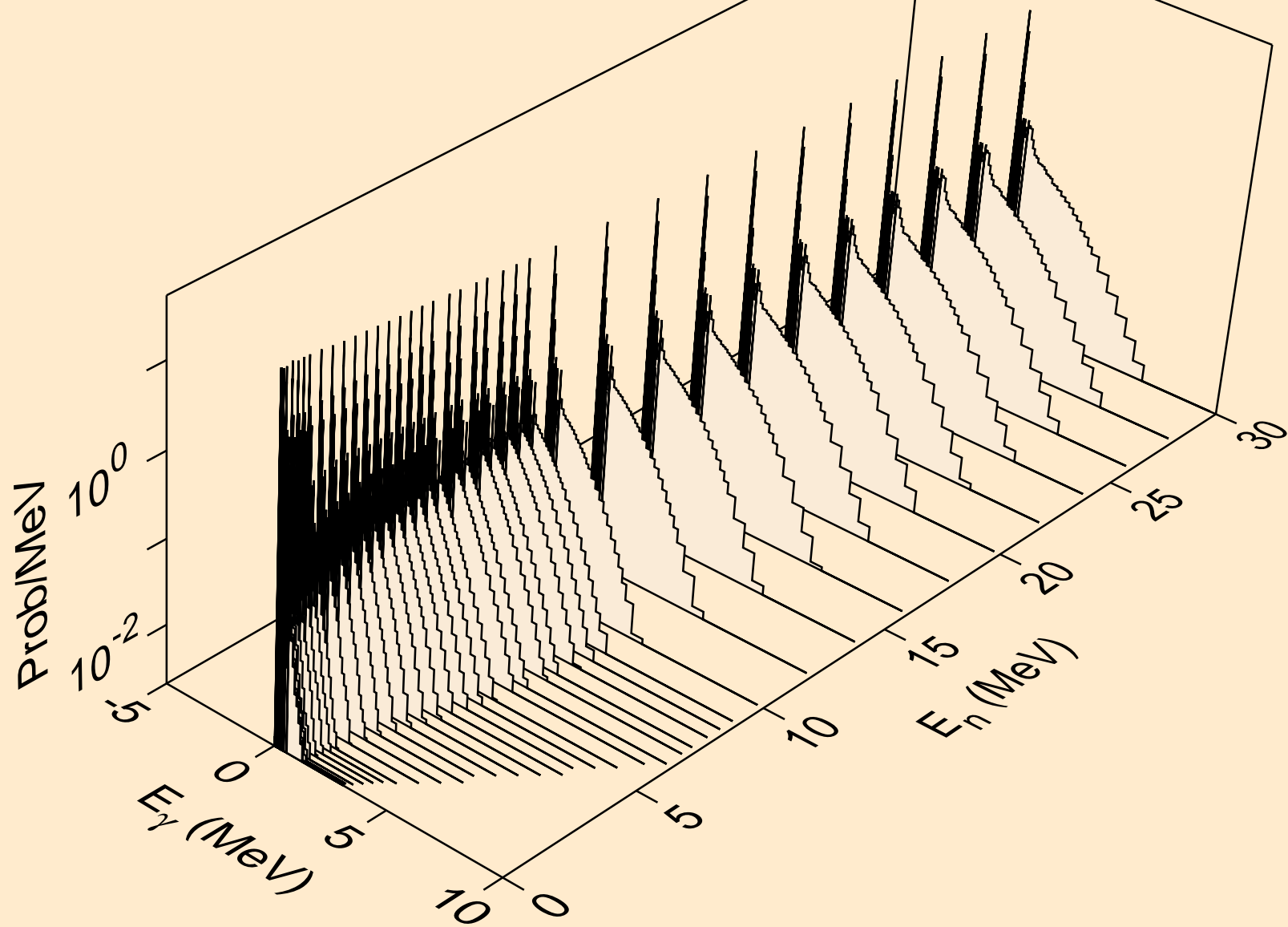
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



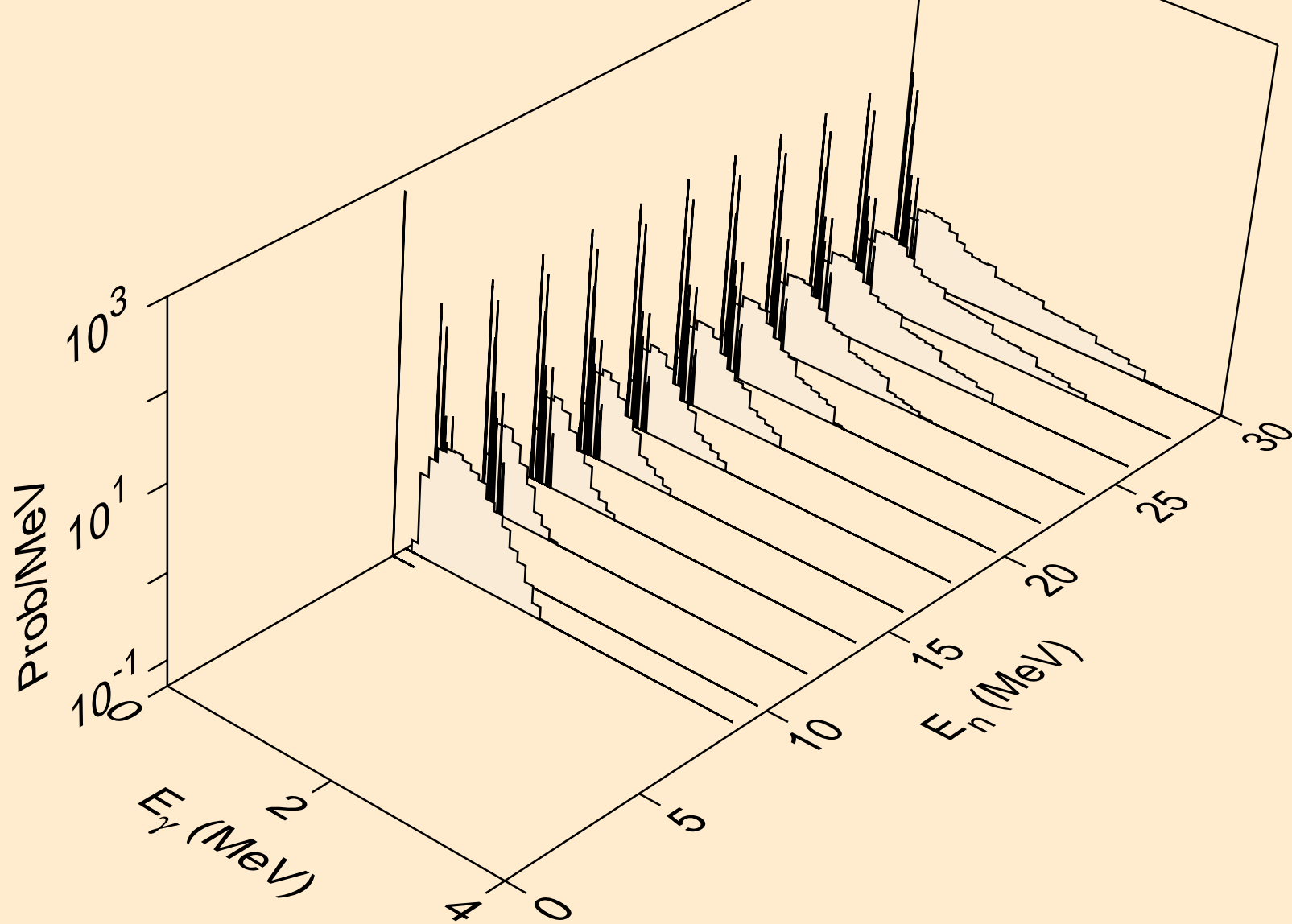
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



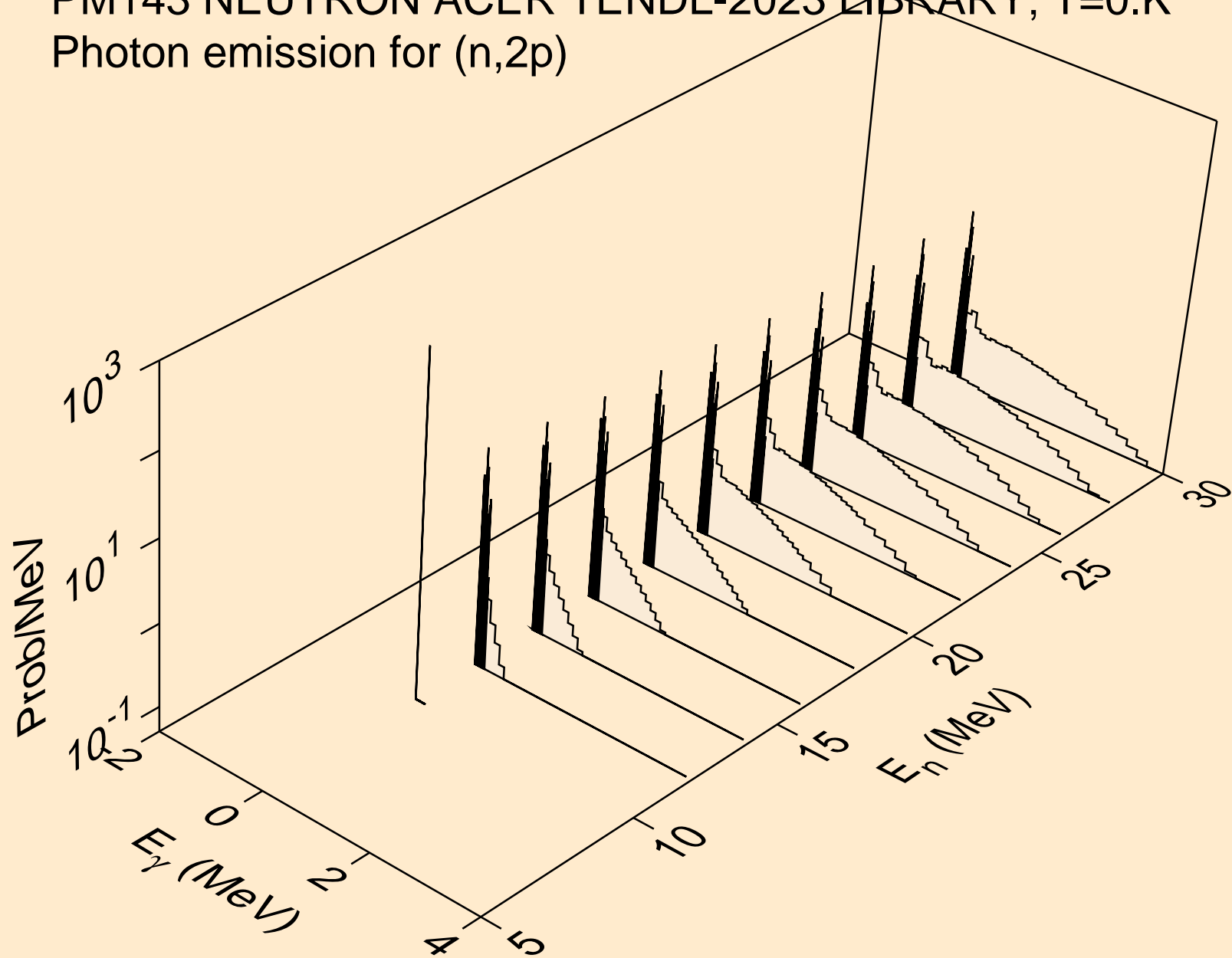
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



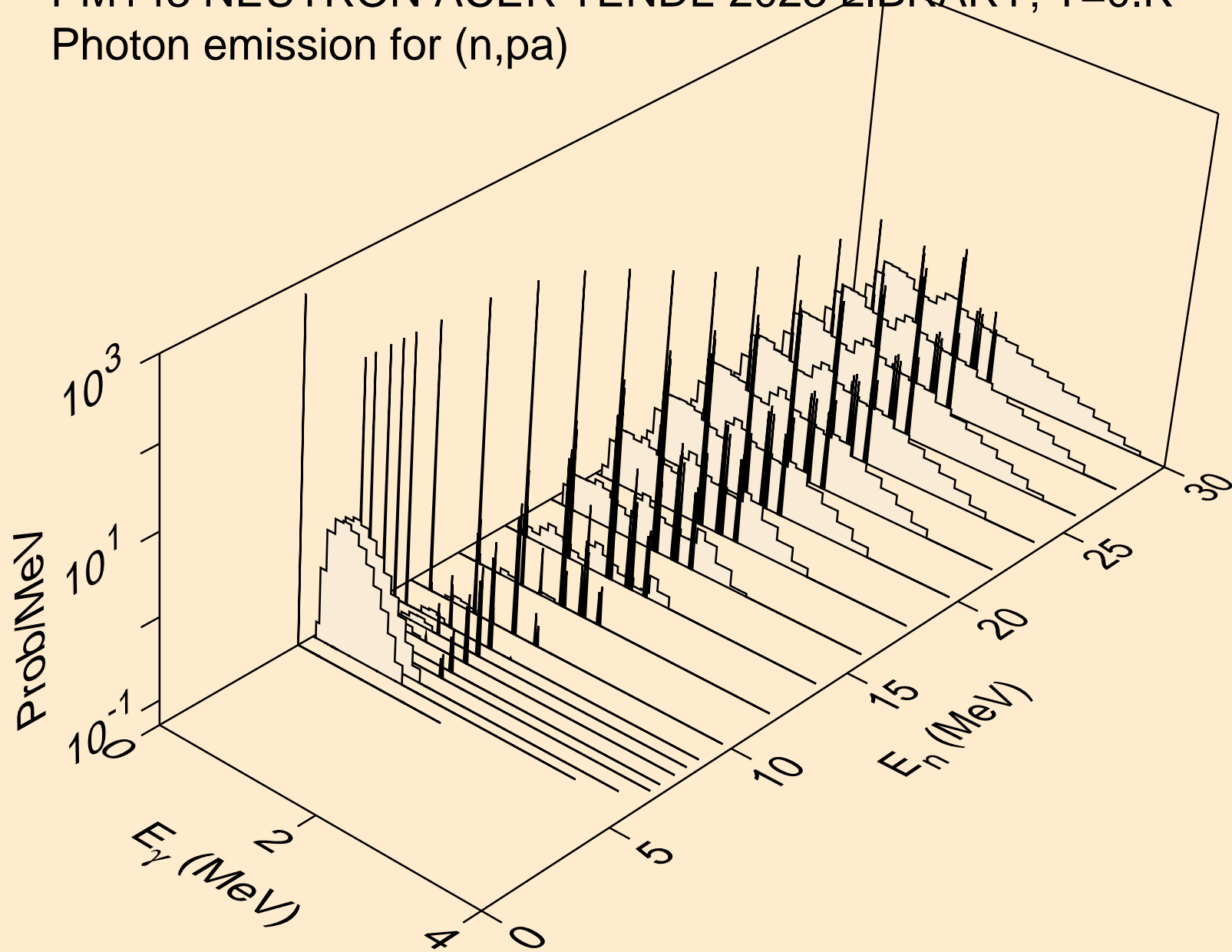
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



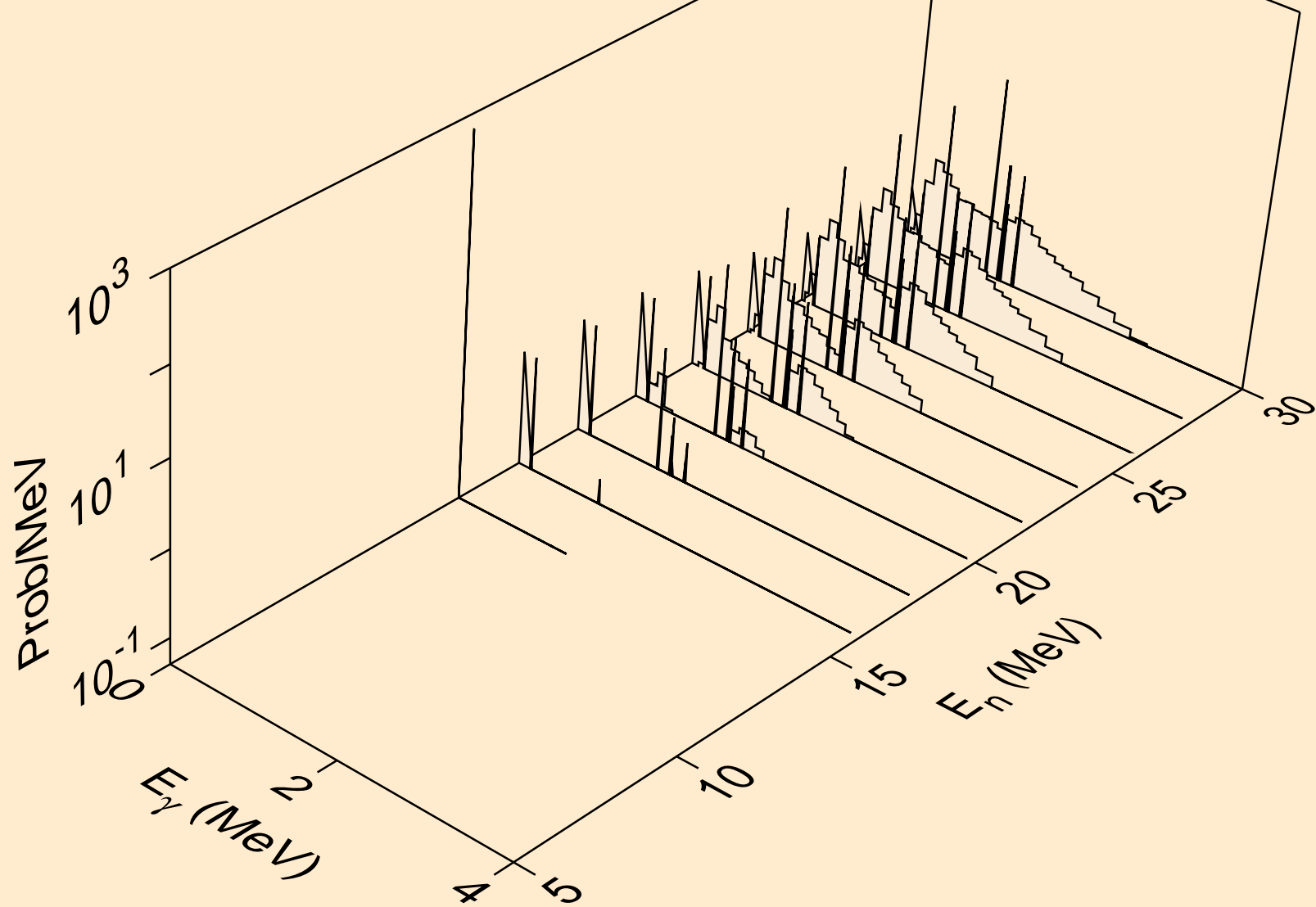
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



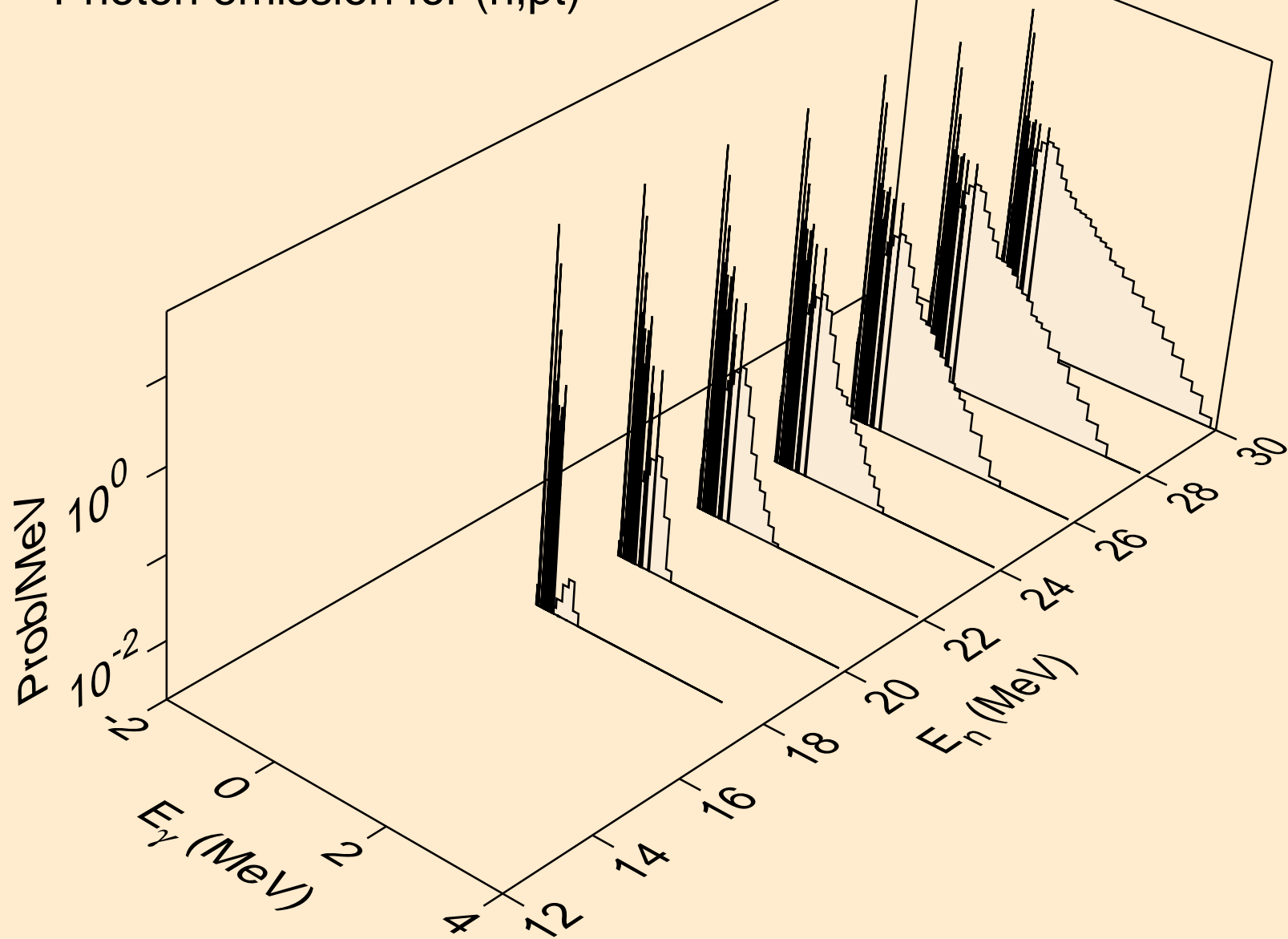
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



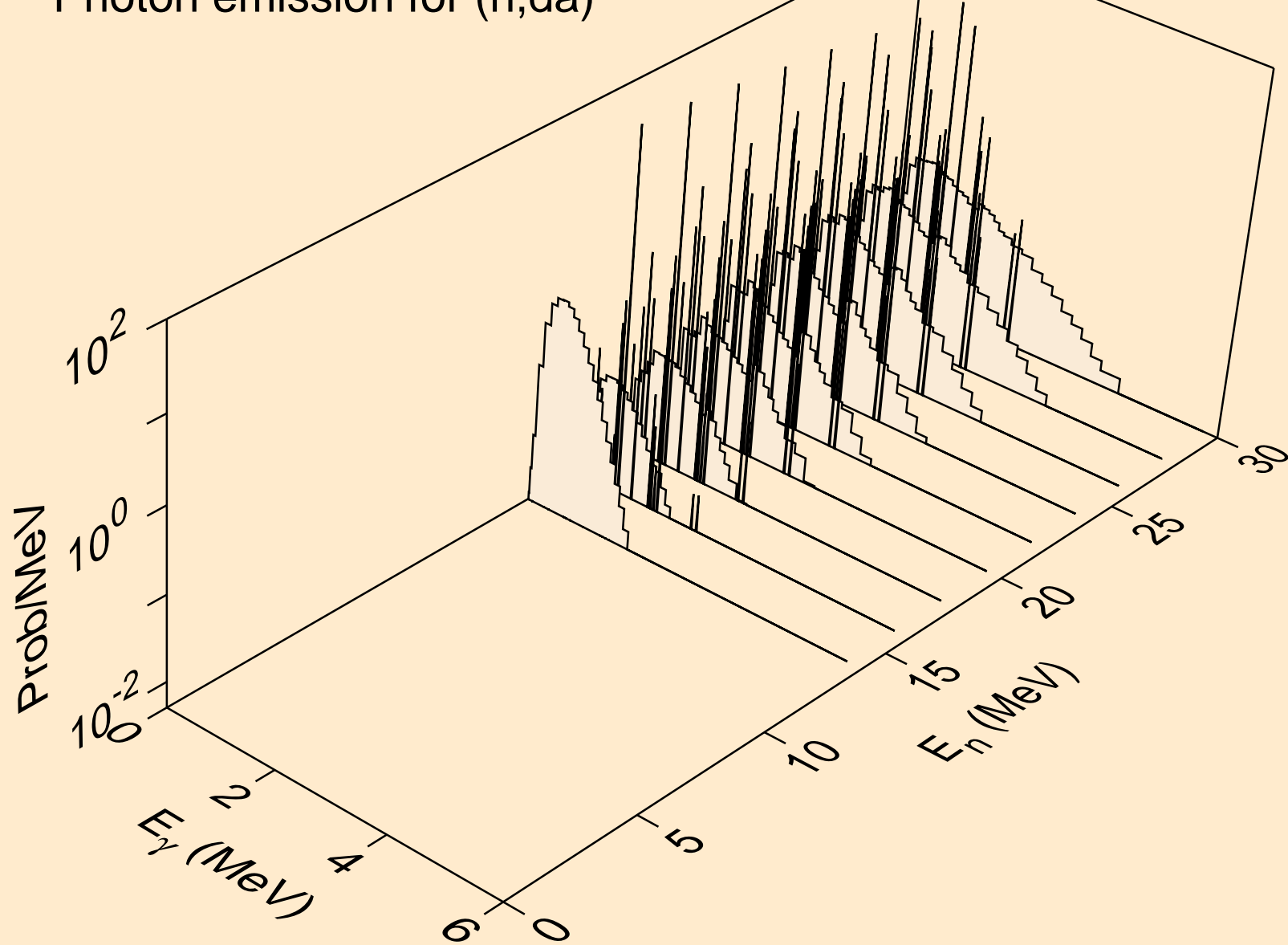
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



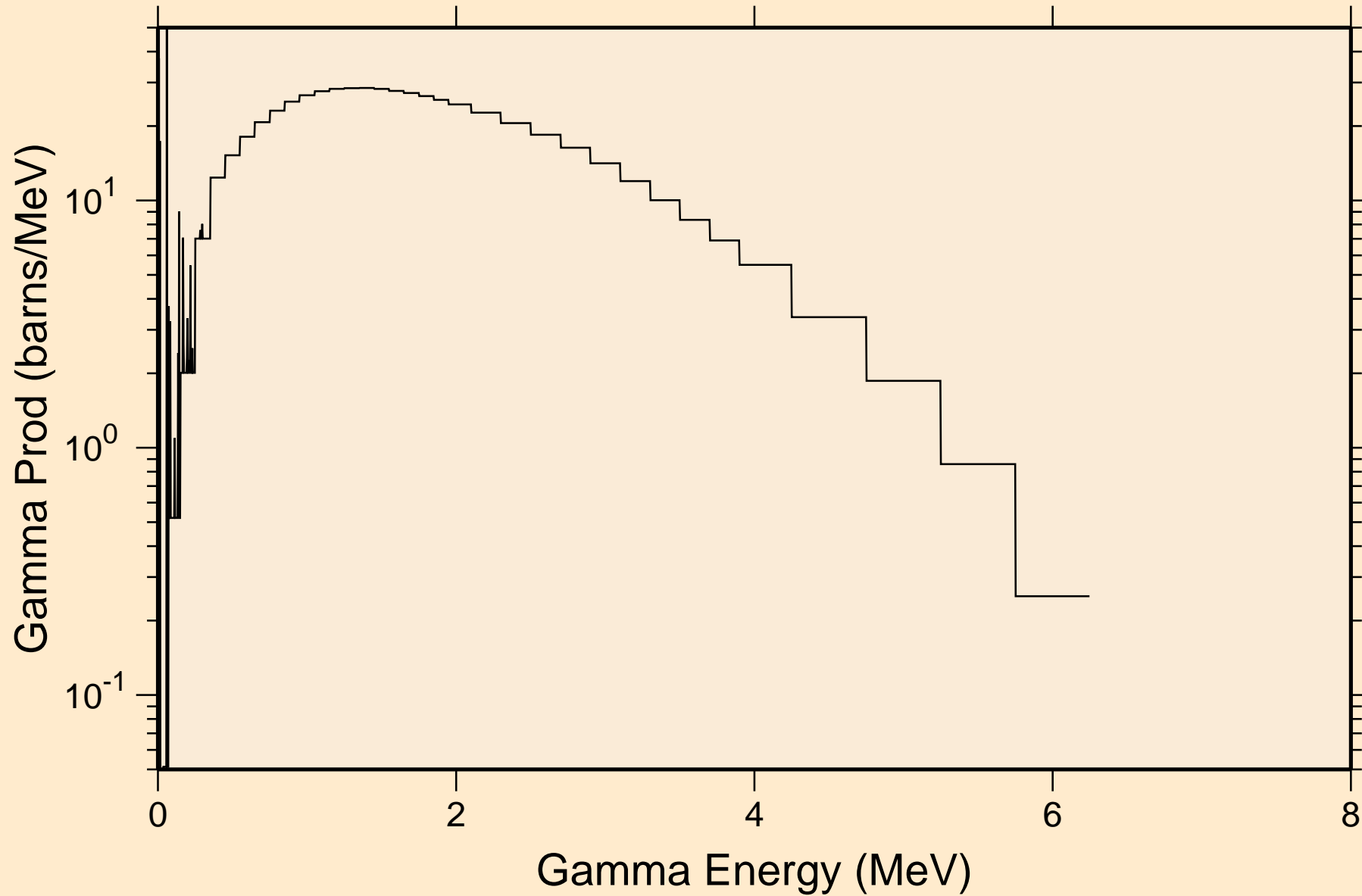
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



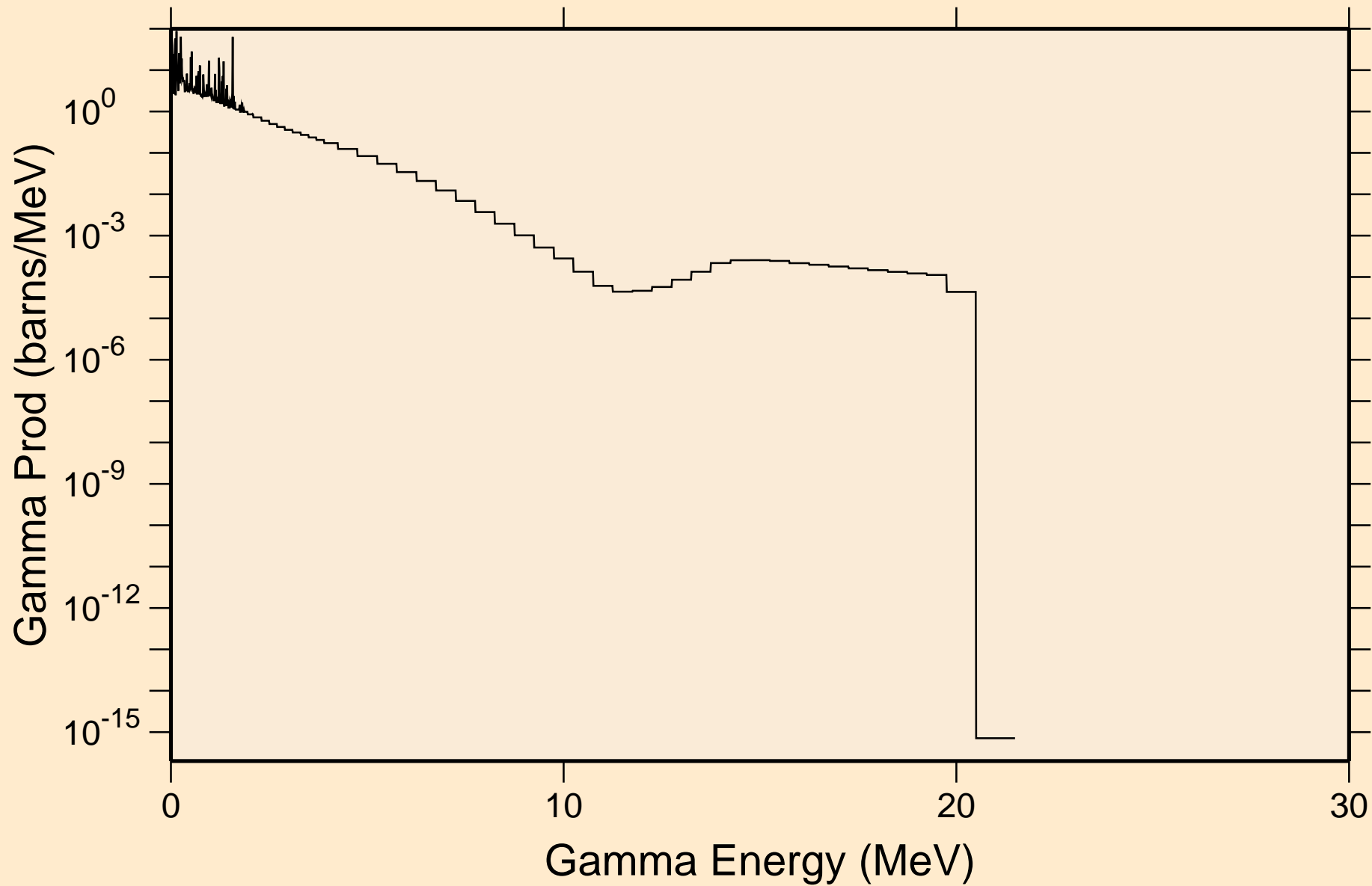
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

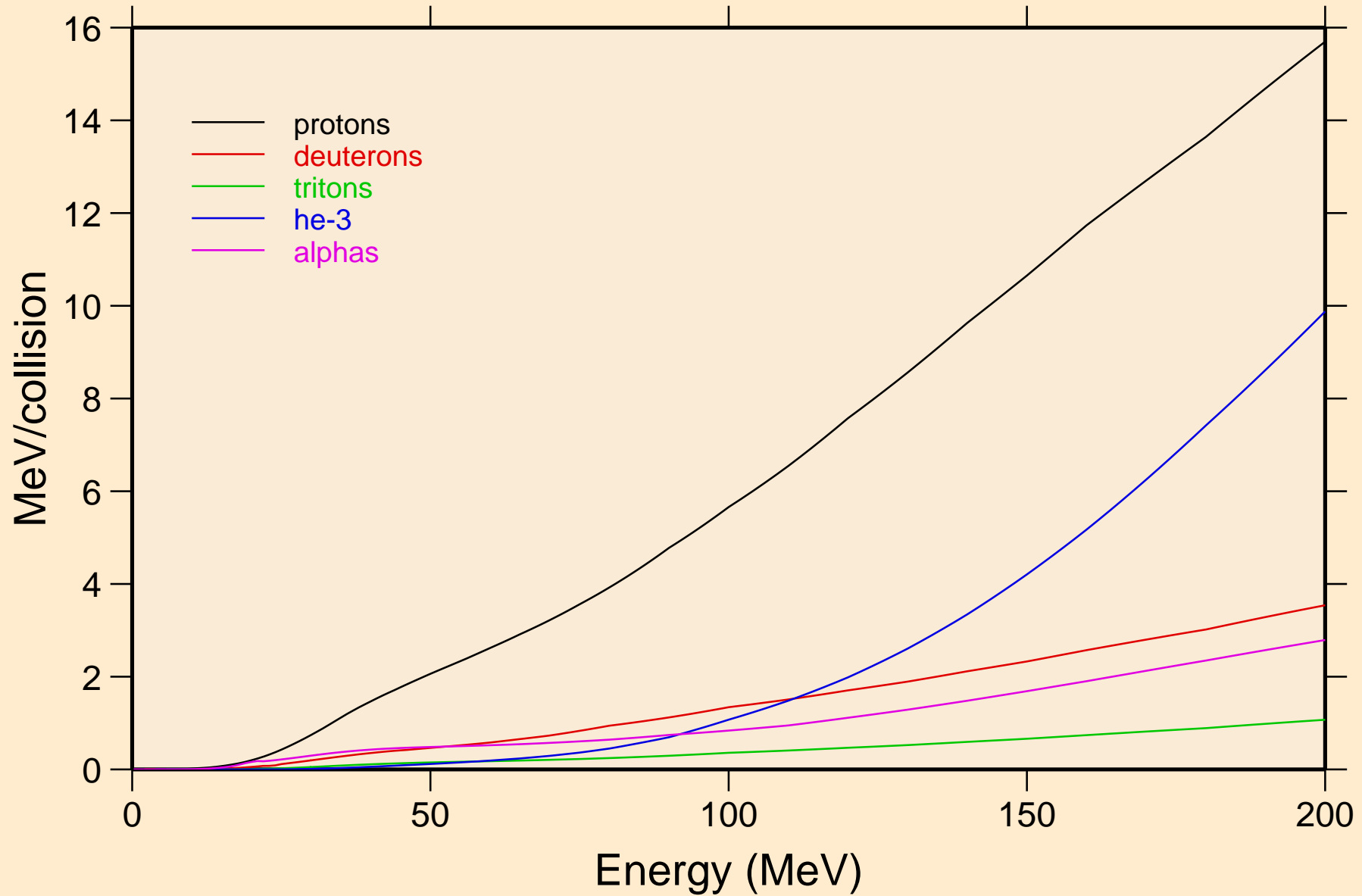


PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

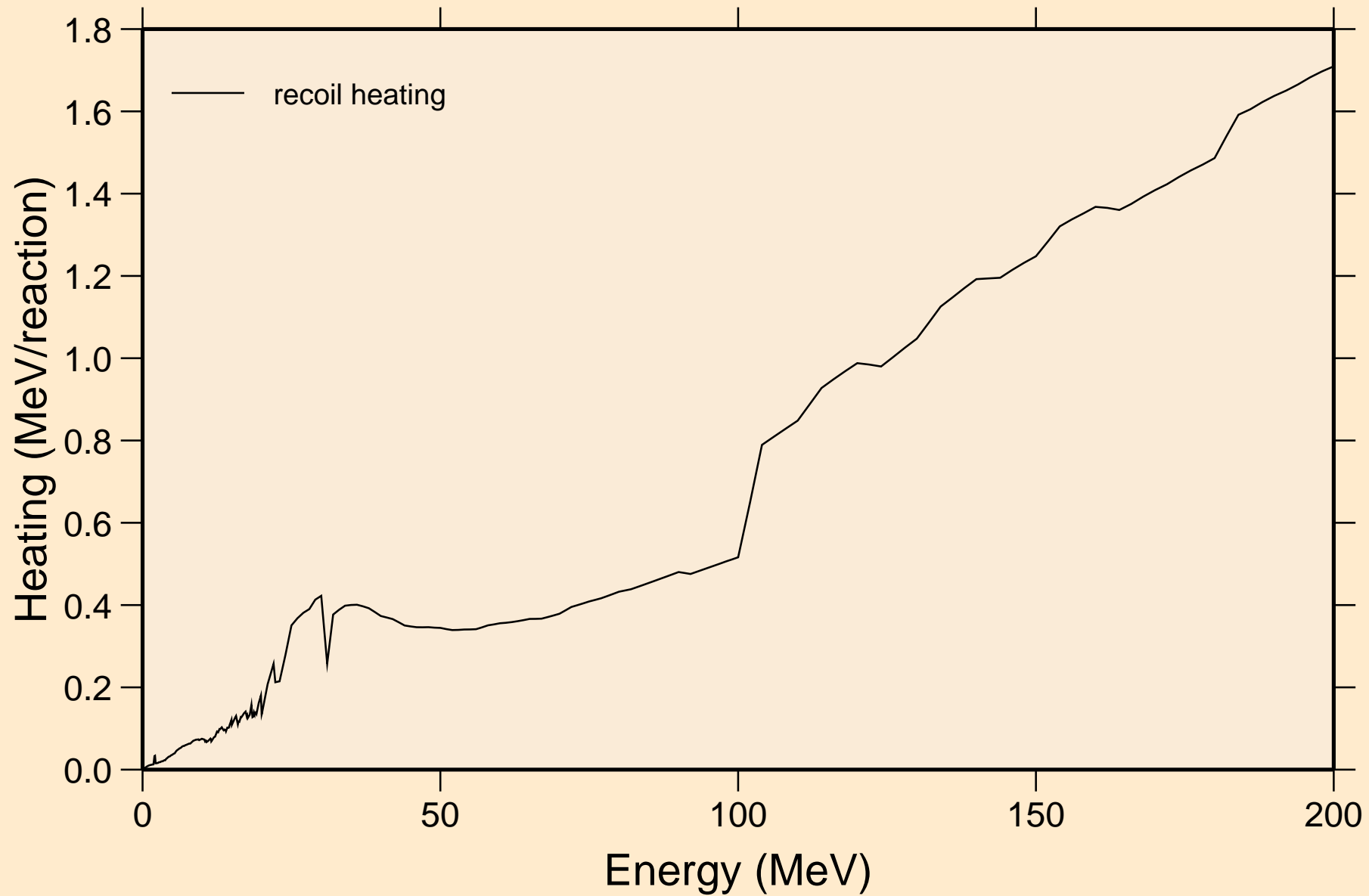


PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

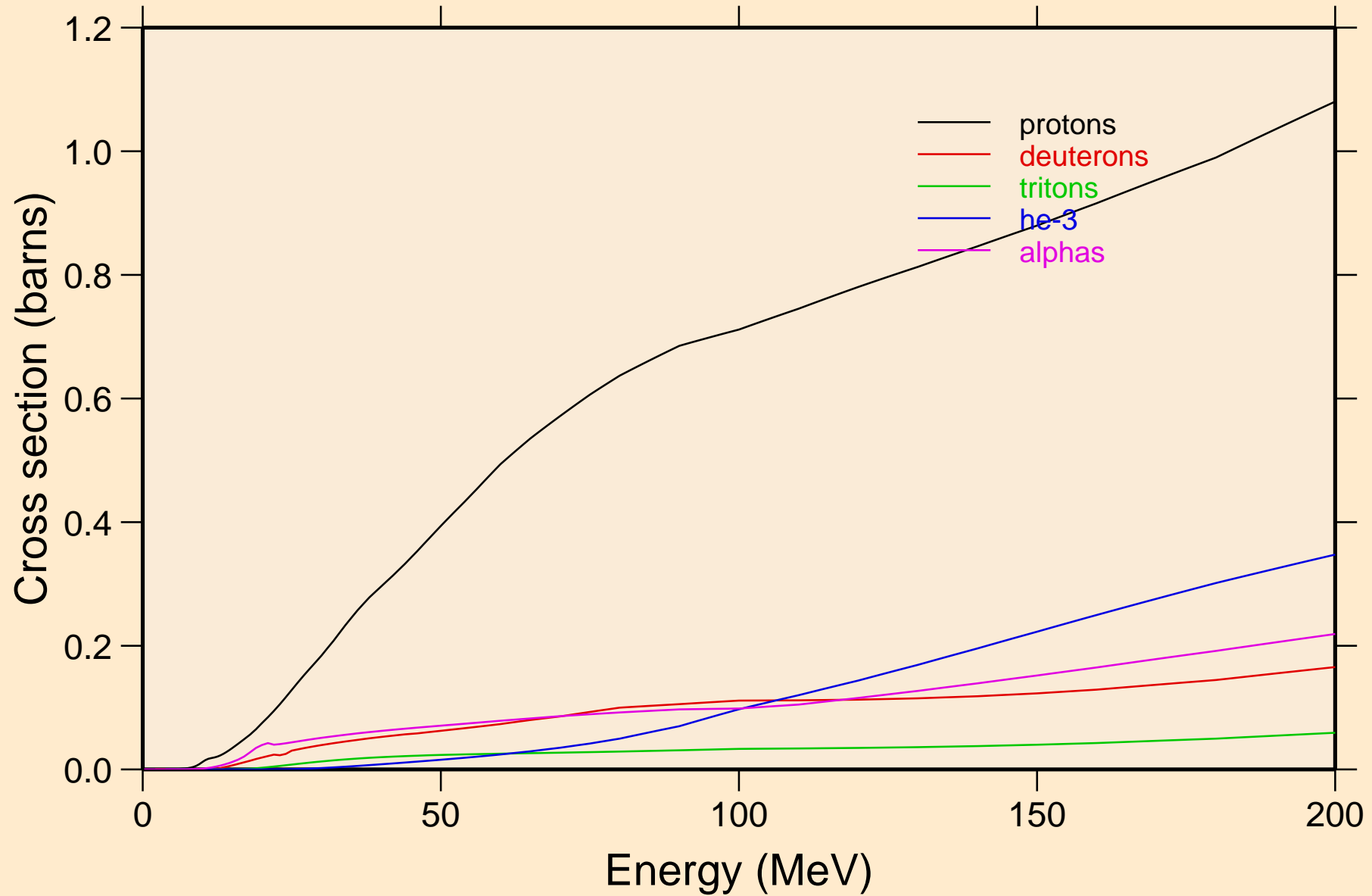
Particle heating contributions



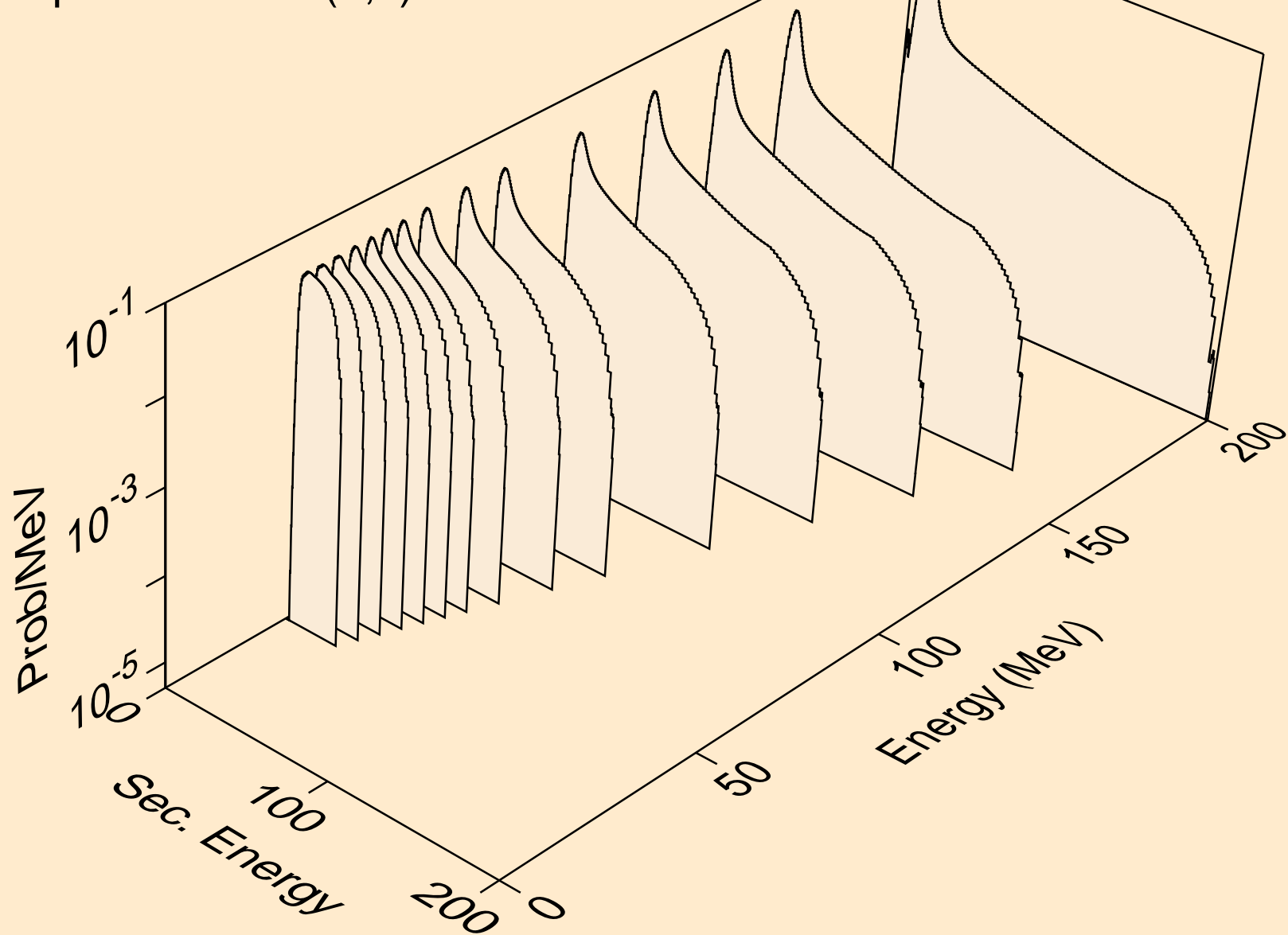
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating



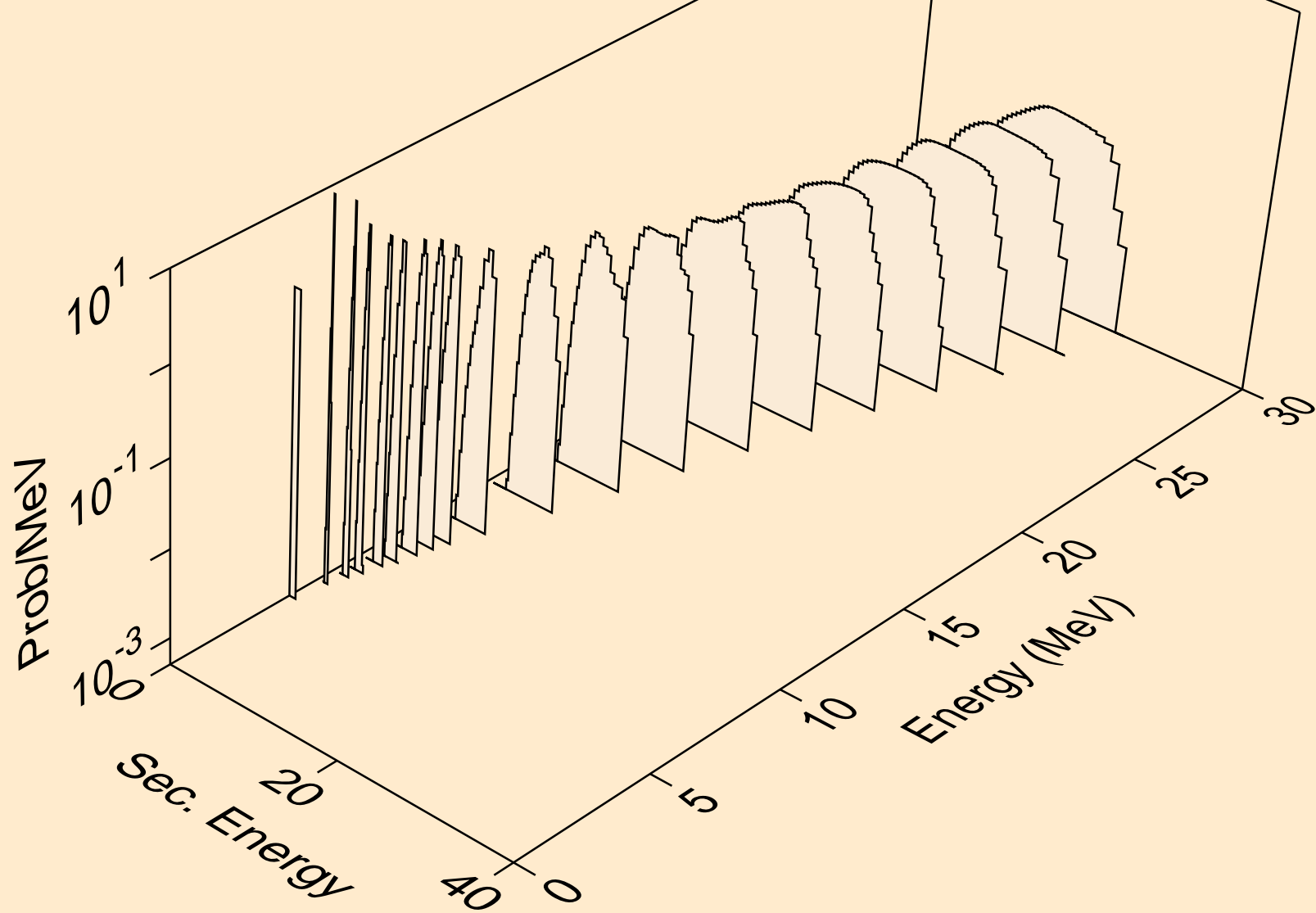
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



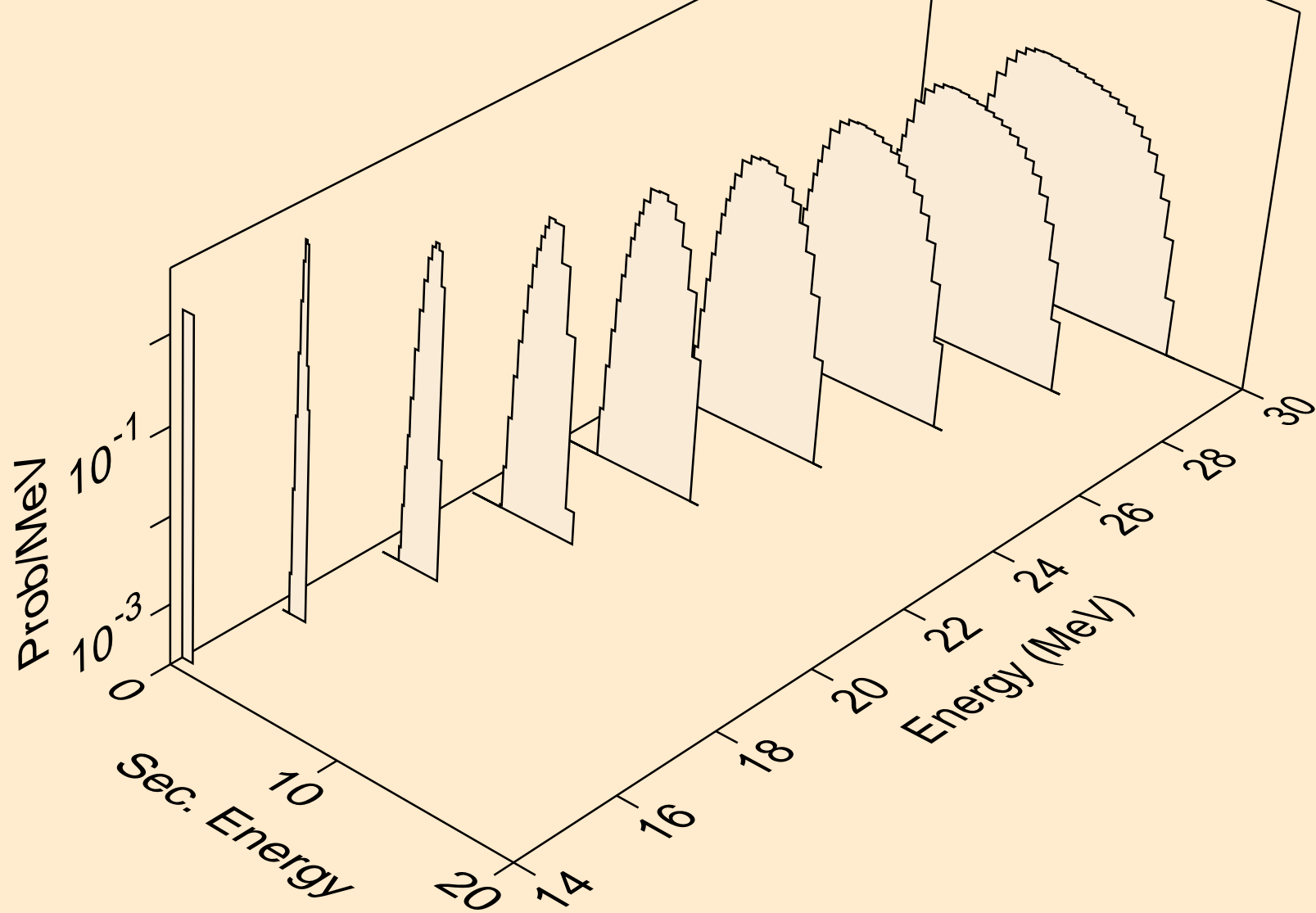
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



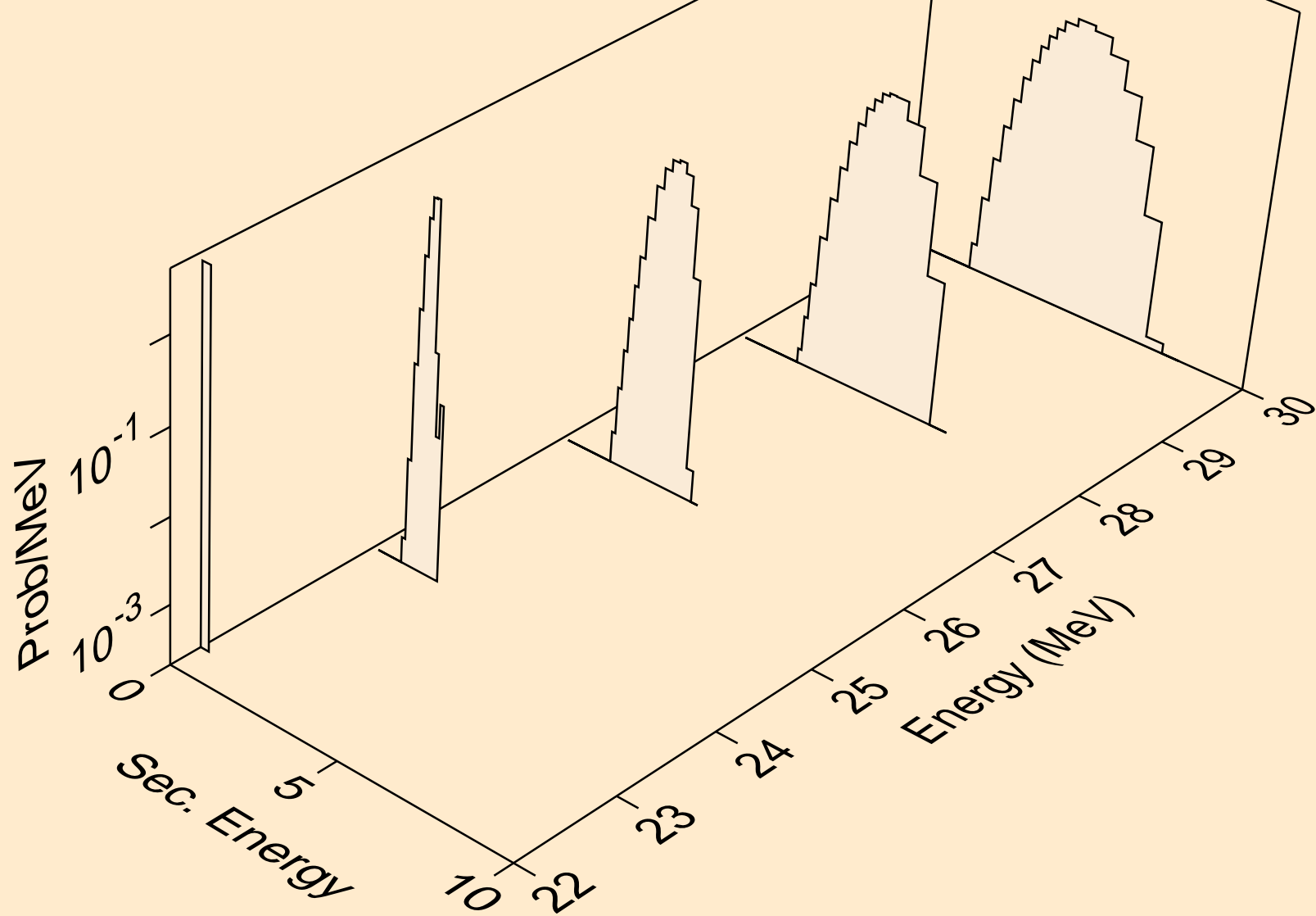
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



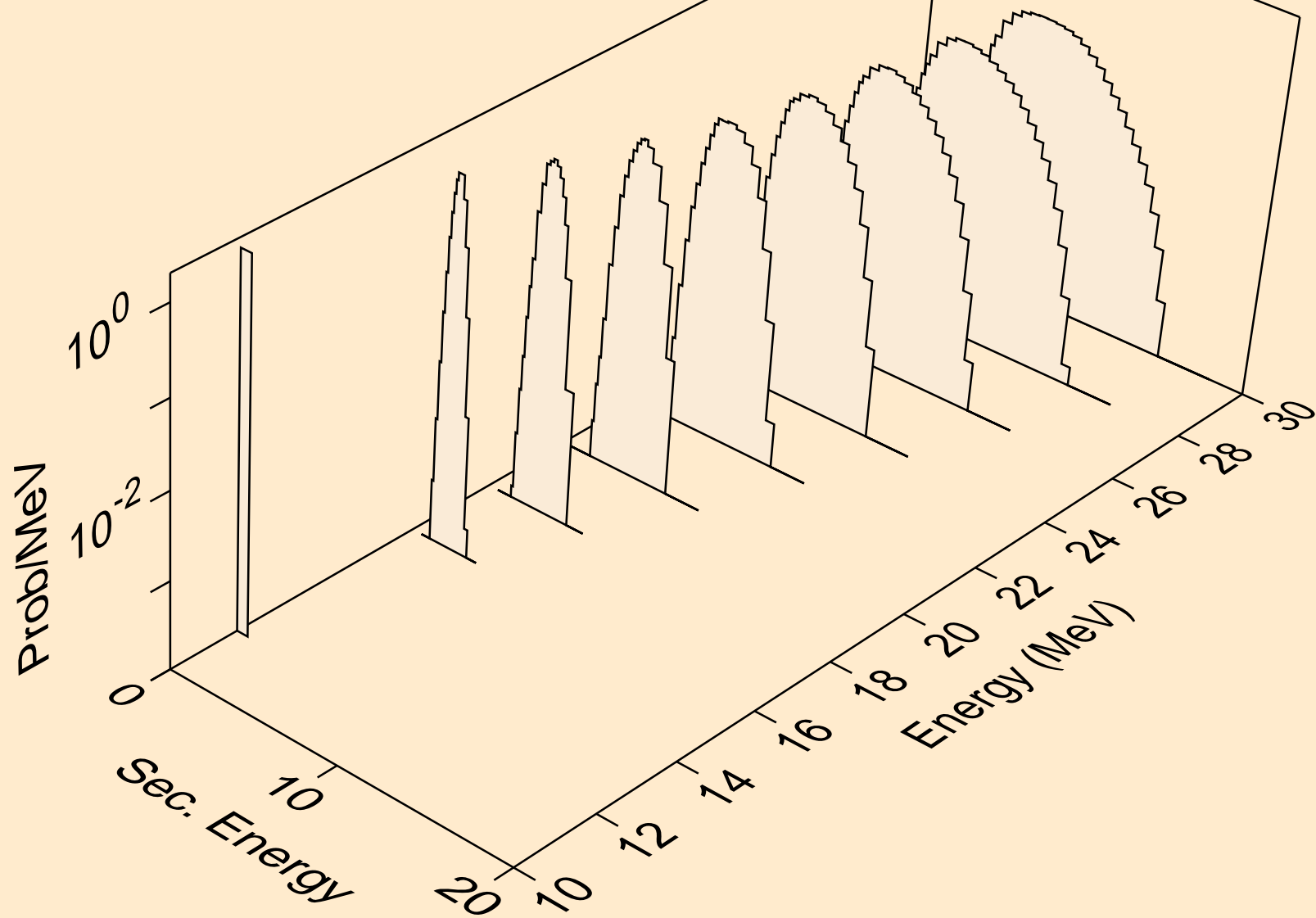
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



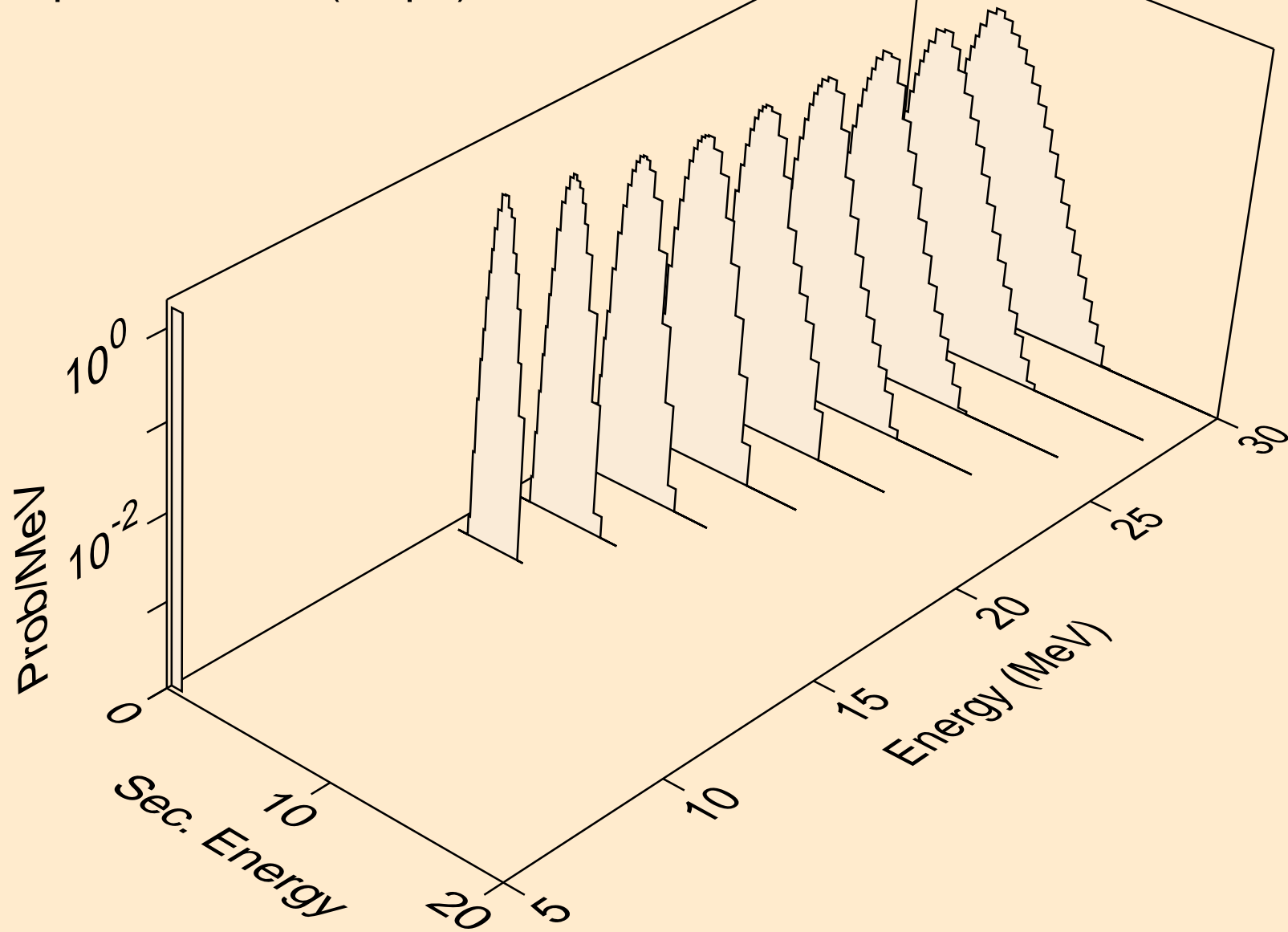
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



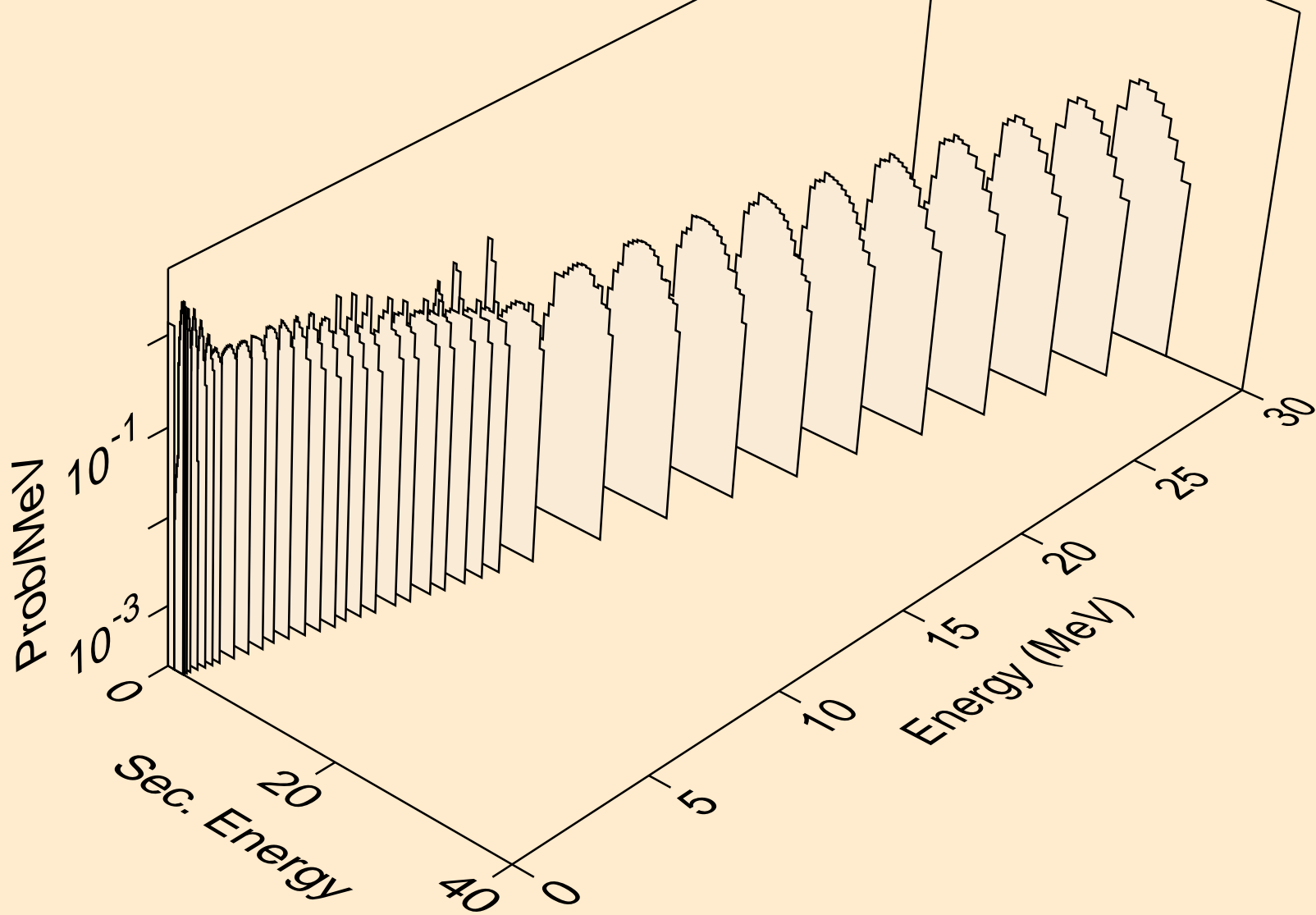
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



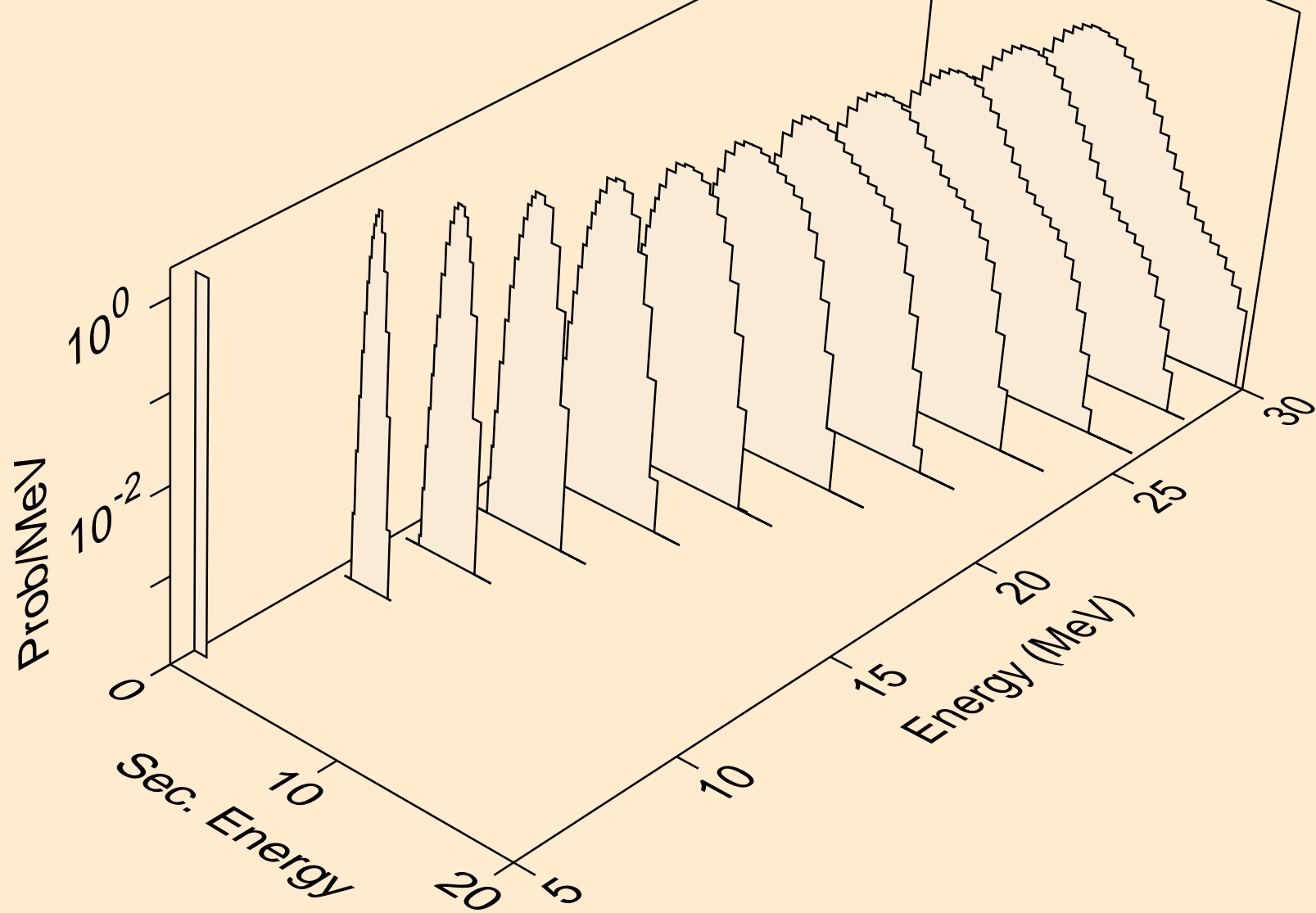
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,npa)



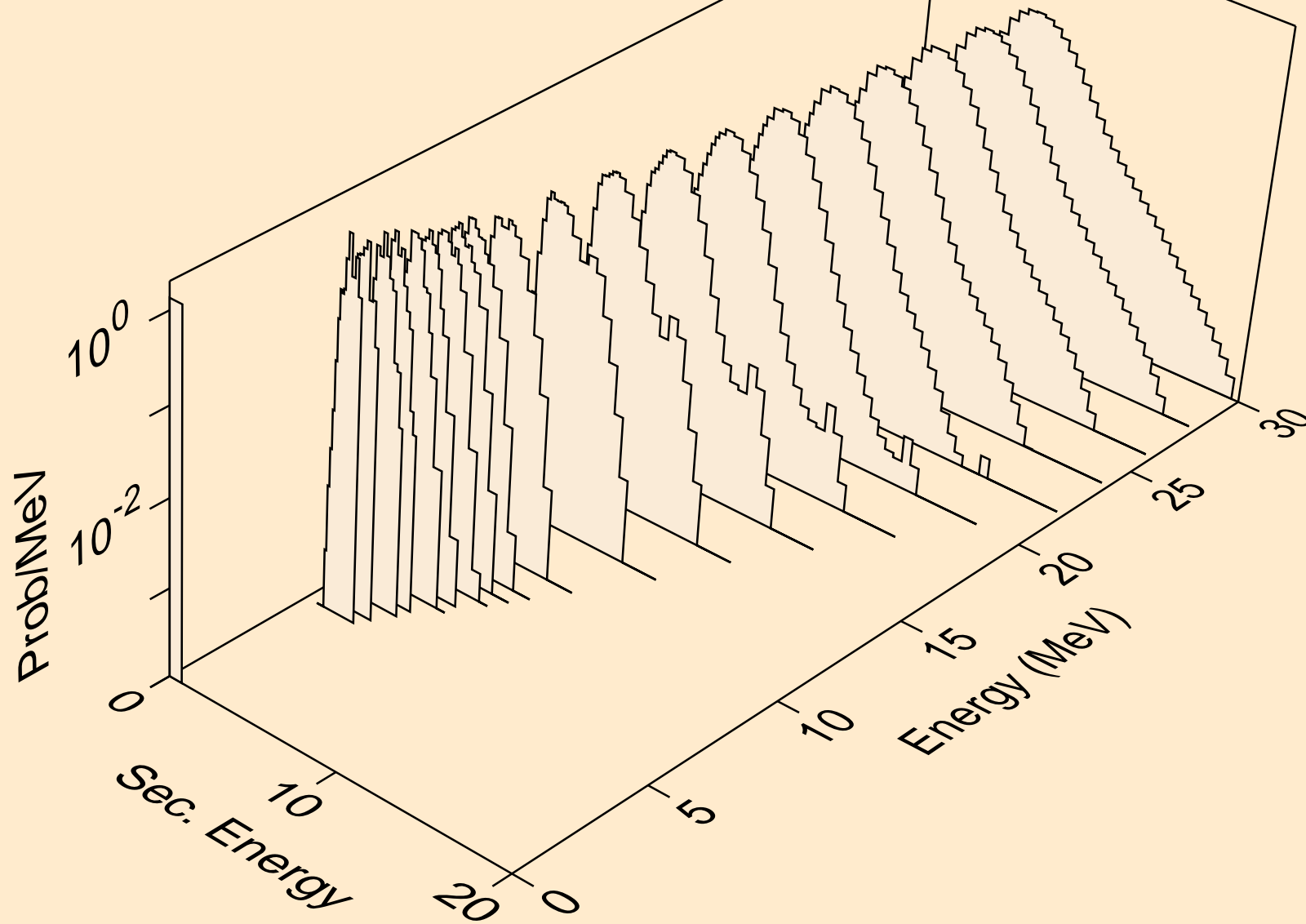
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



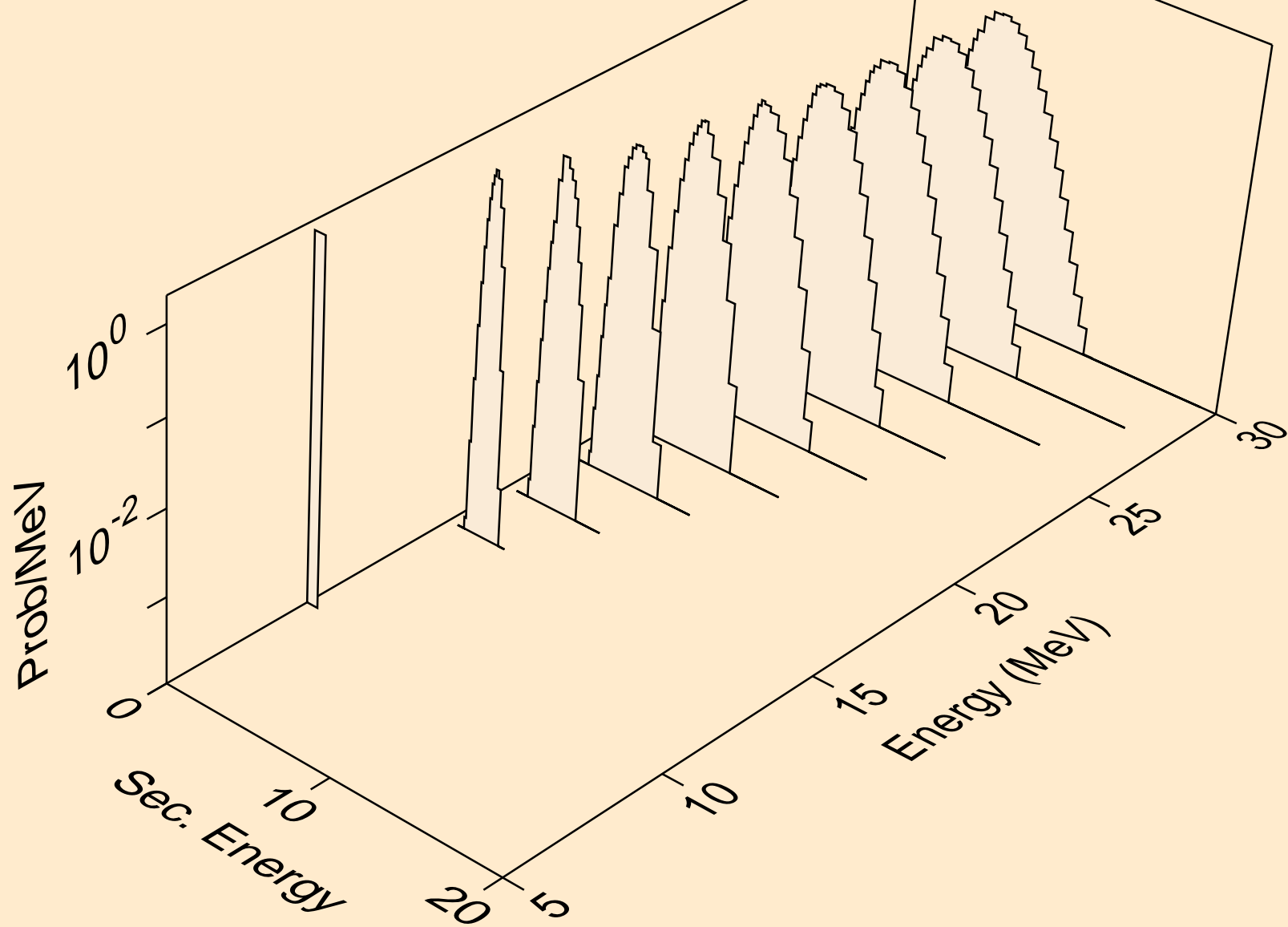
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2p)



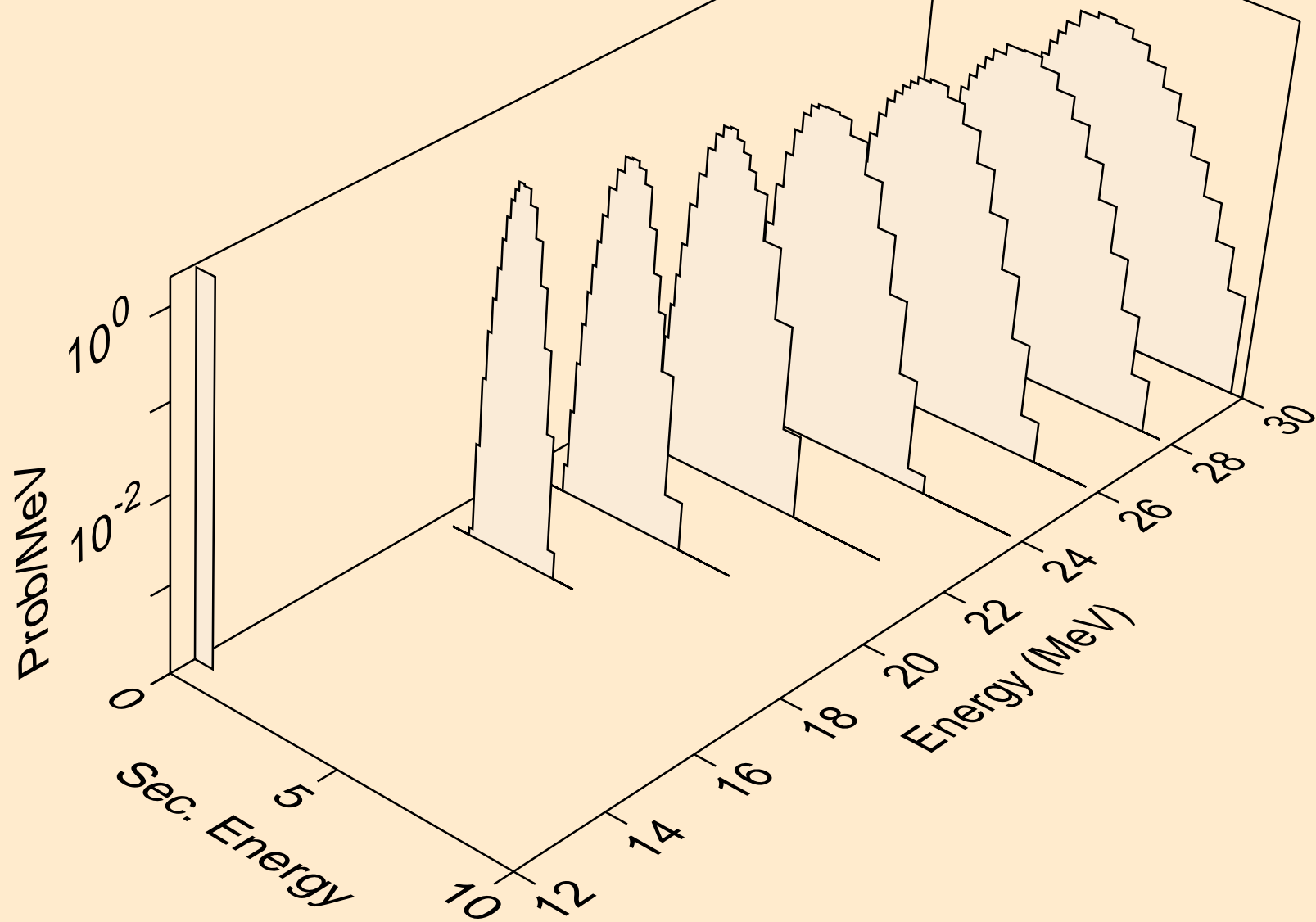
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pa)



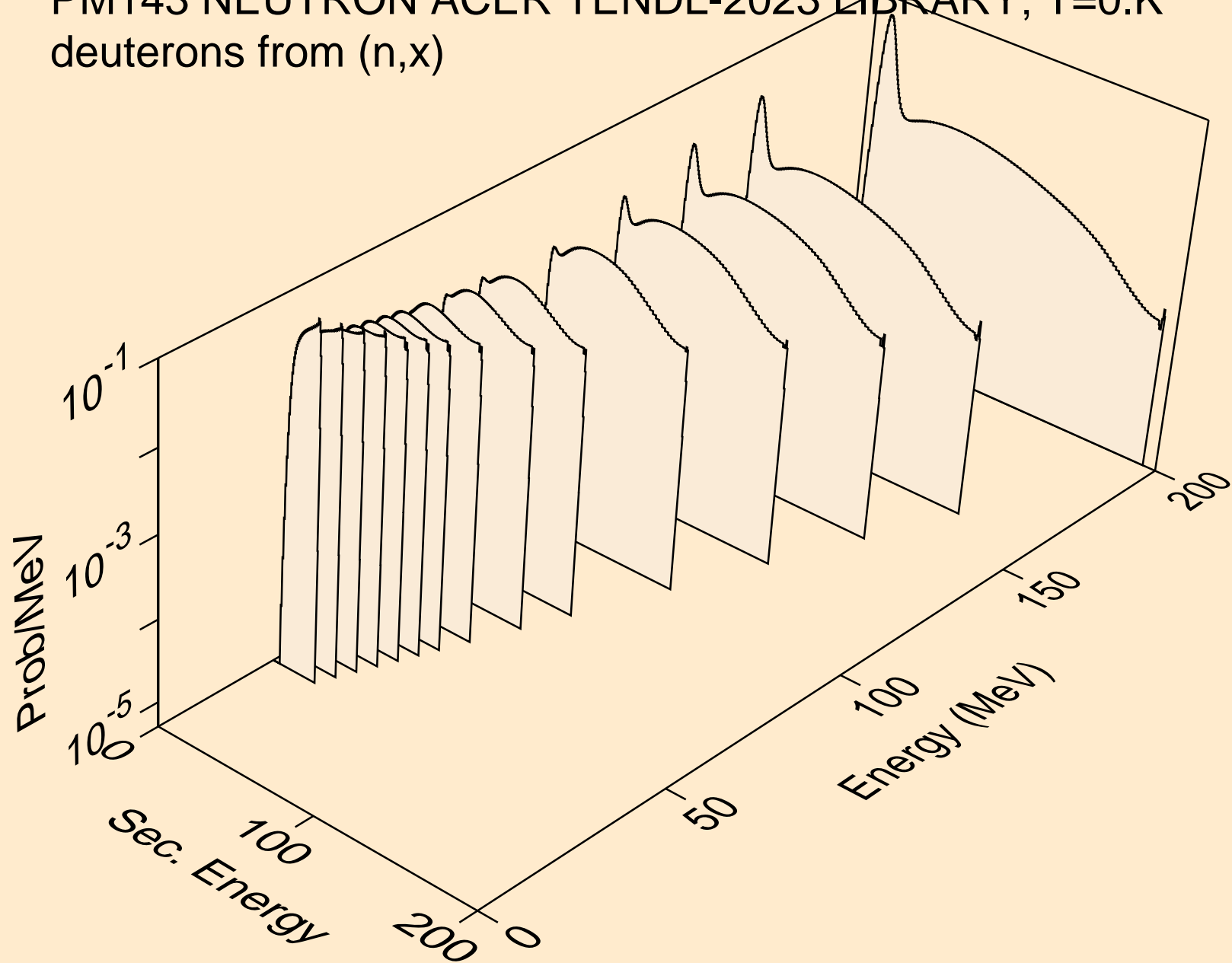
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



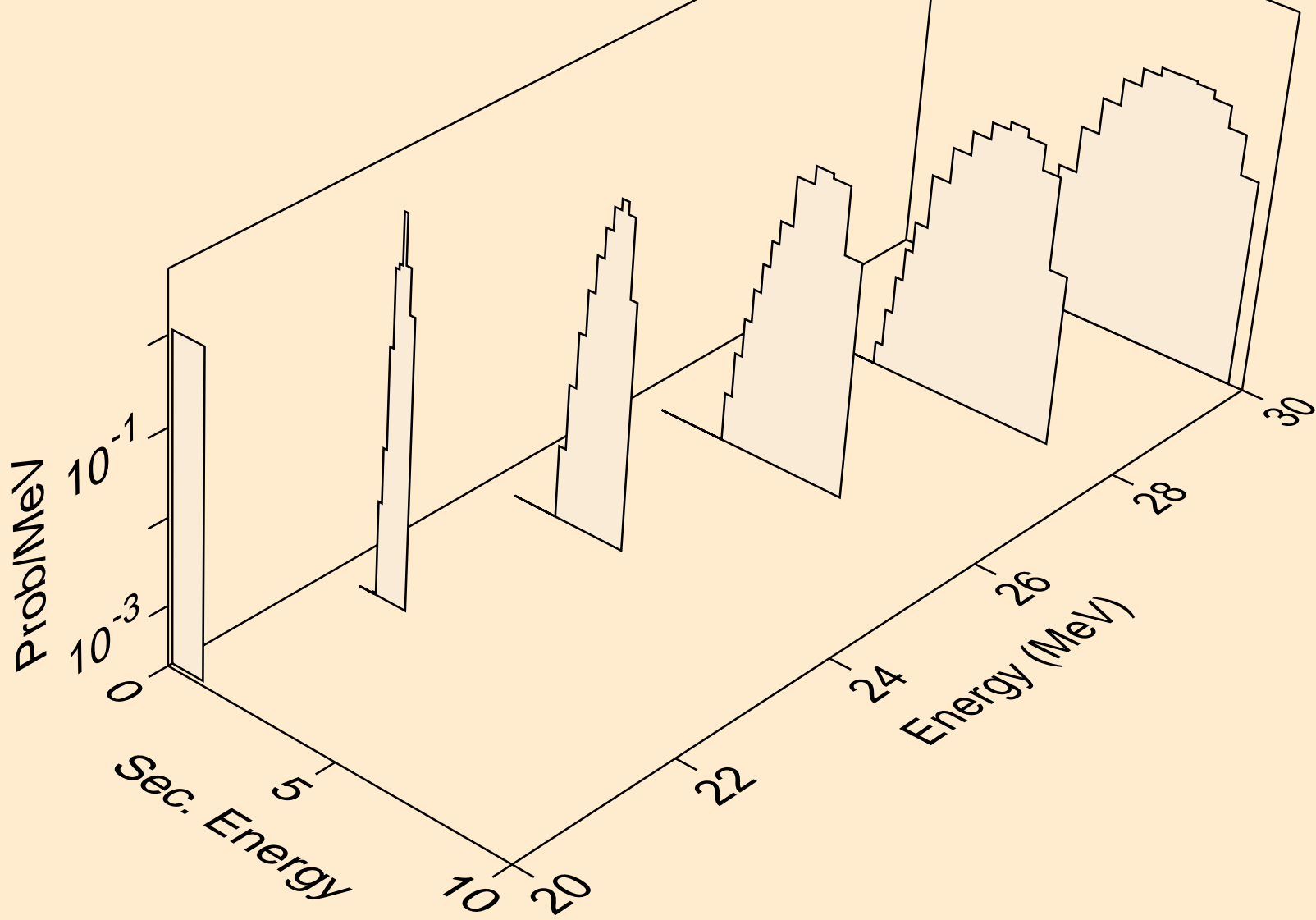
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



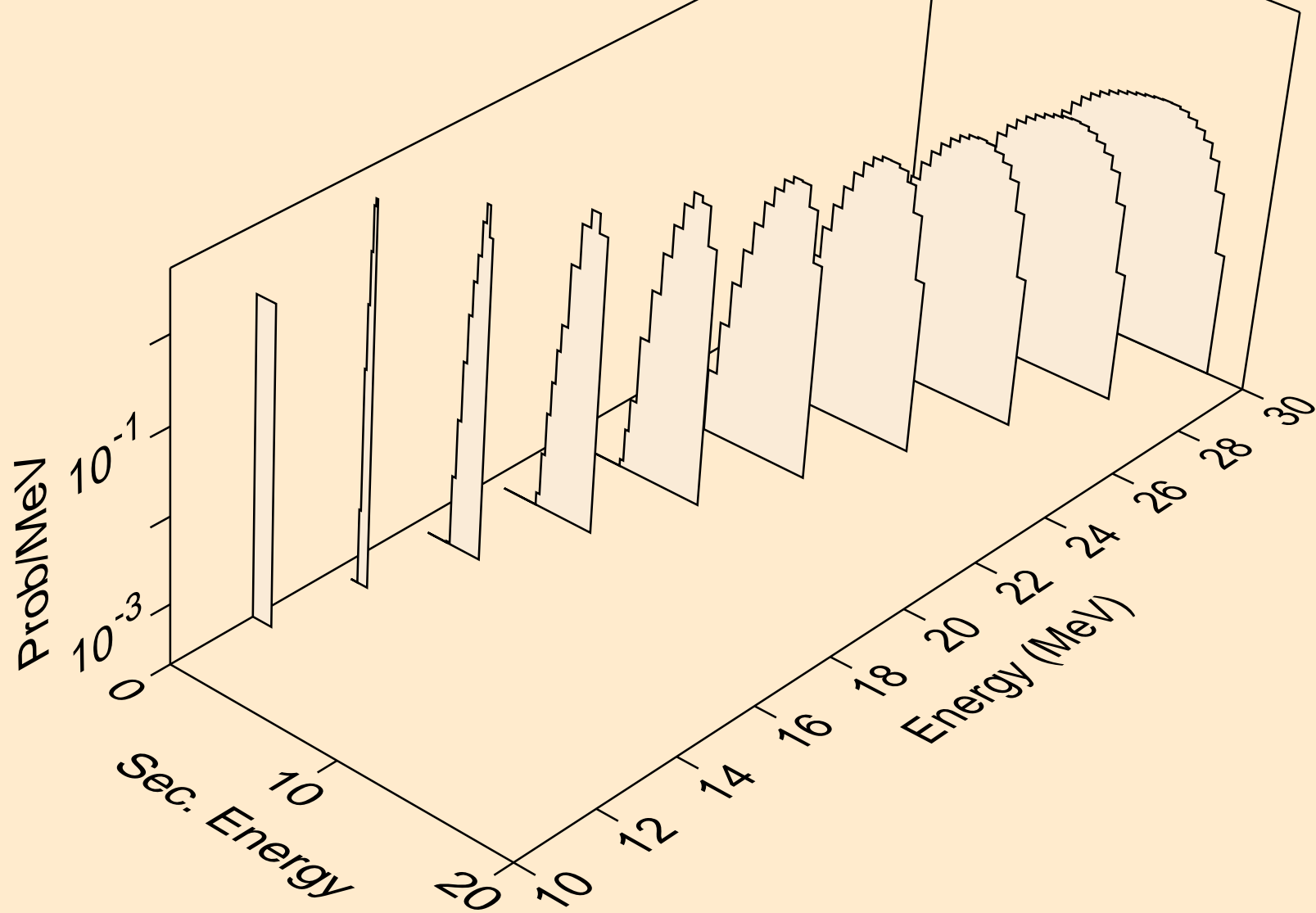
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



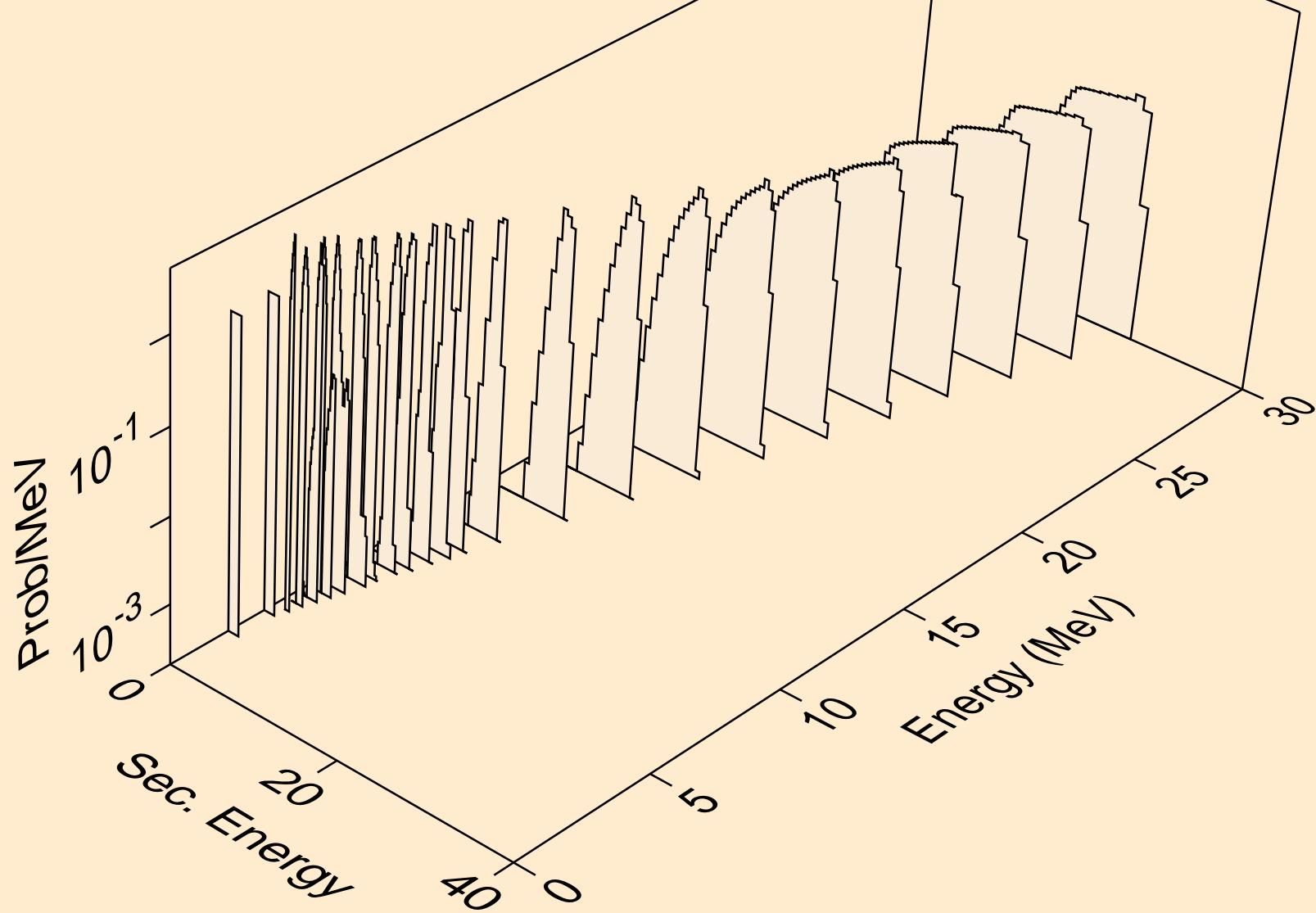
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deuterons from (n,2nd)



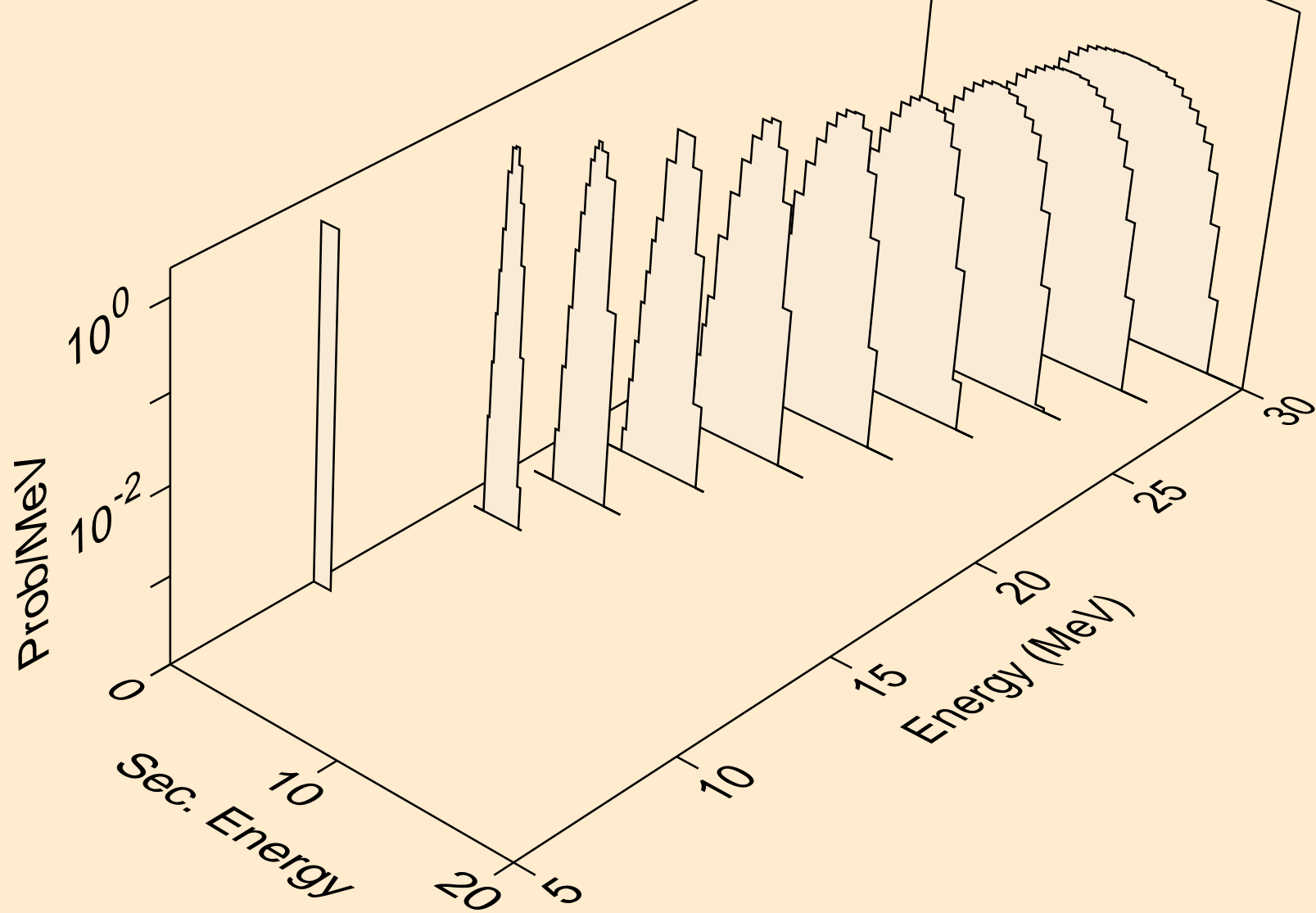
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



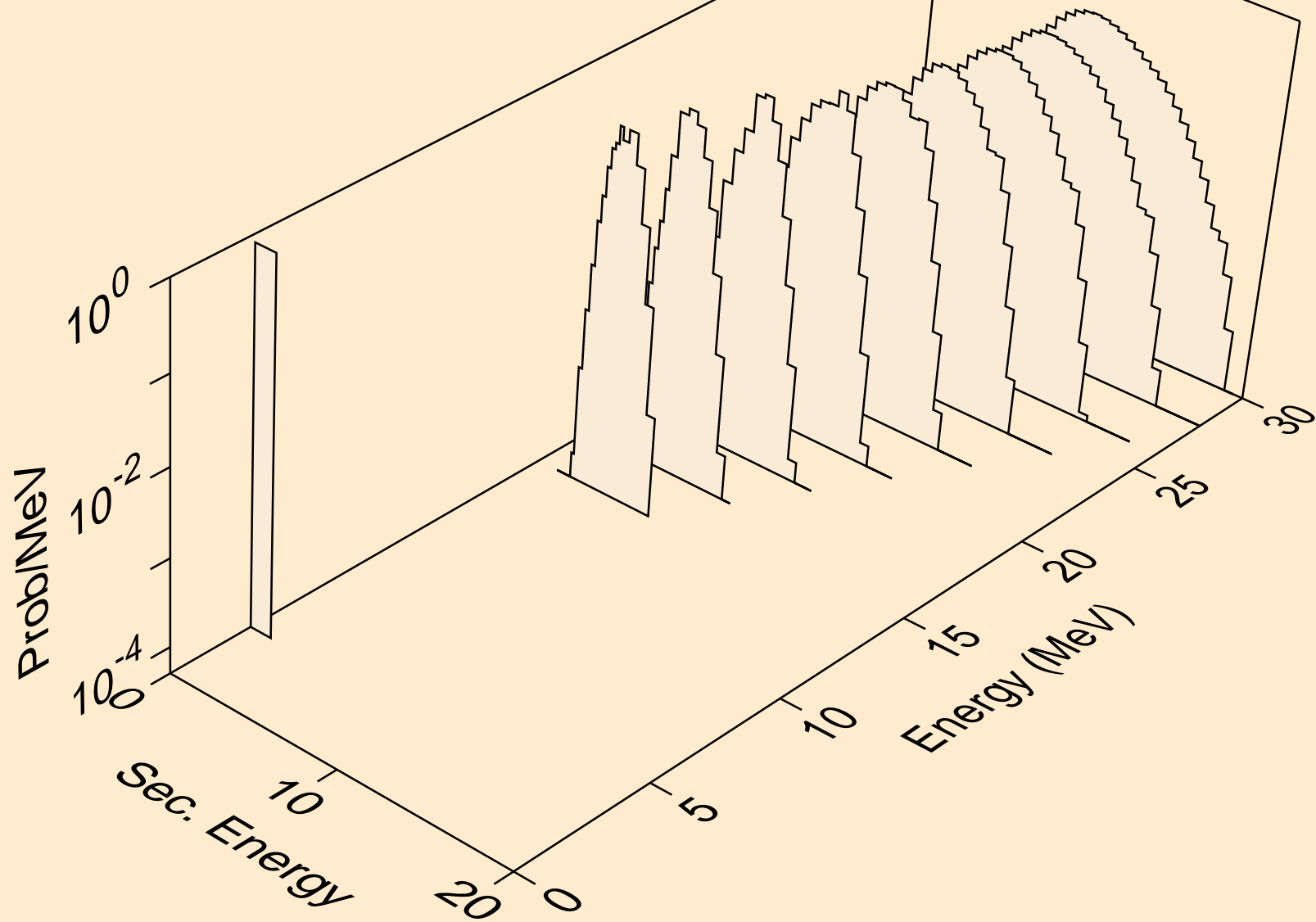
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deuterons from (n,d)



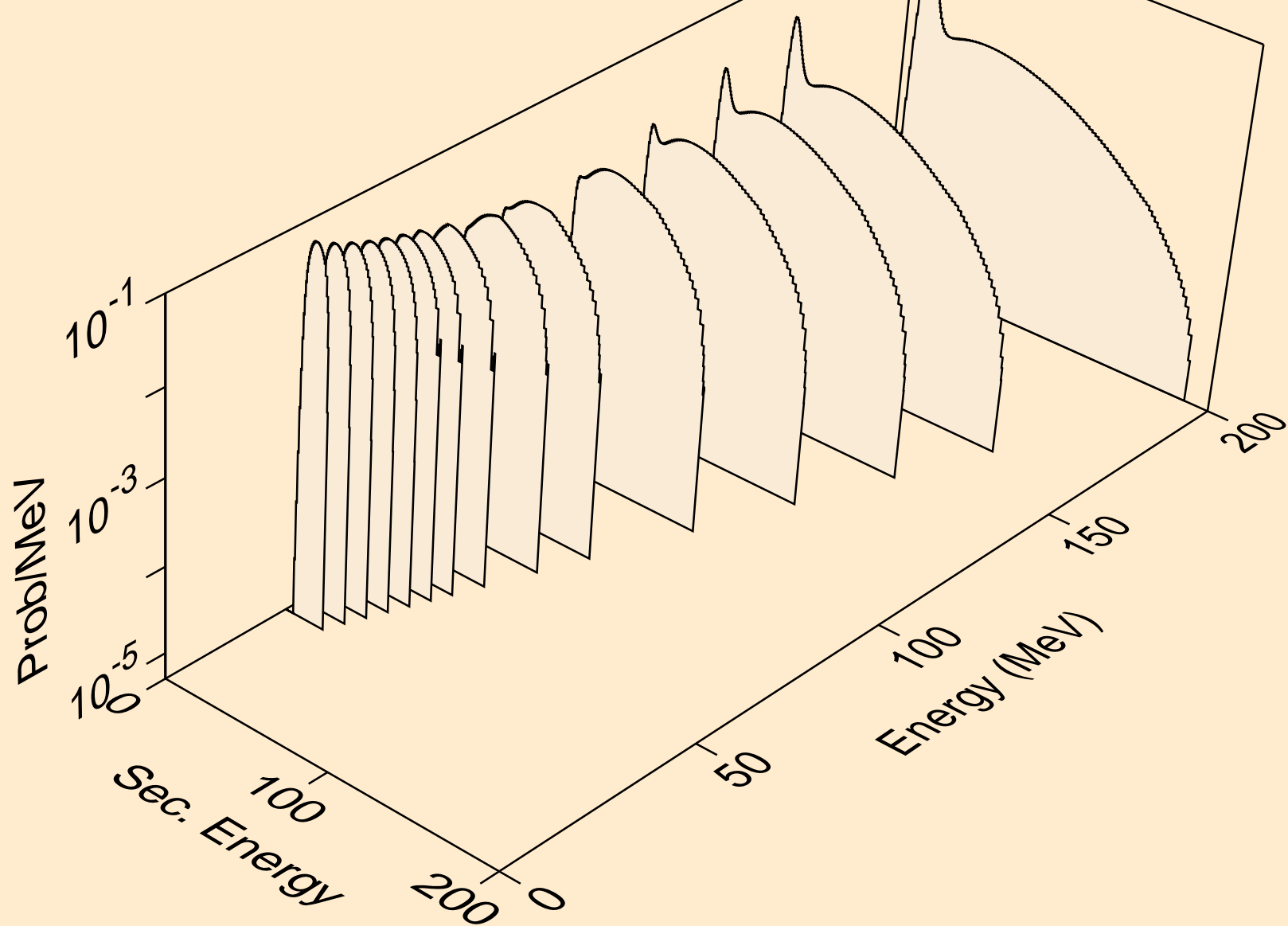
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



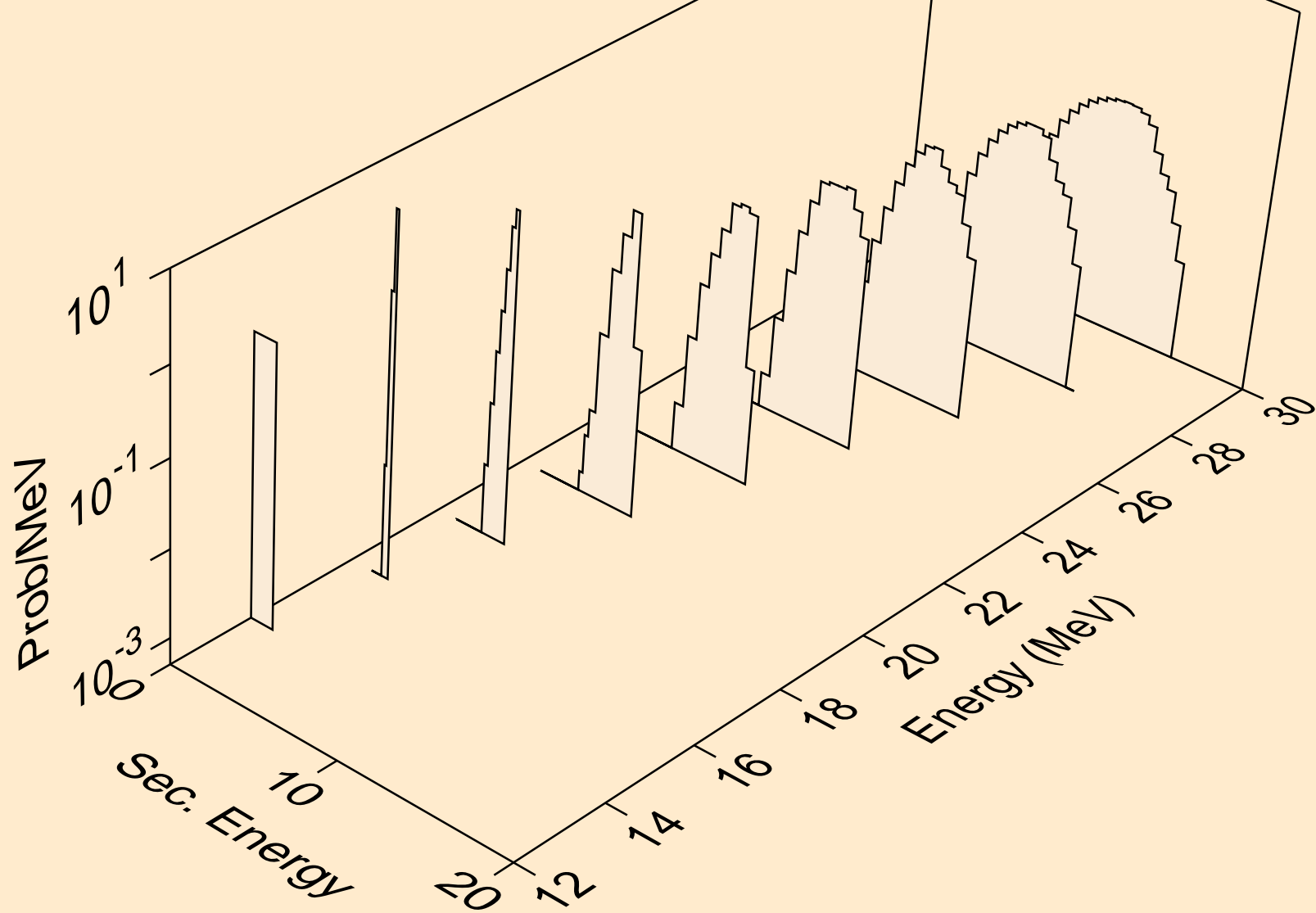
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)



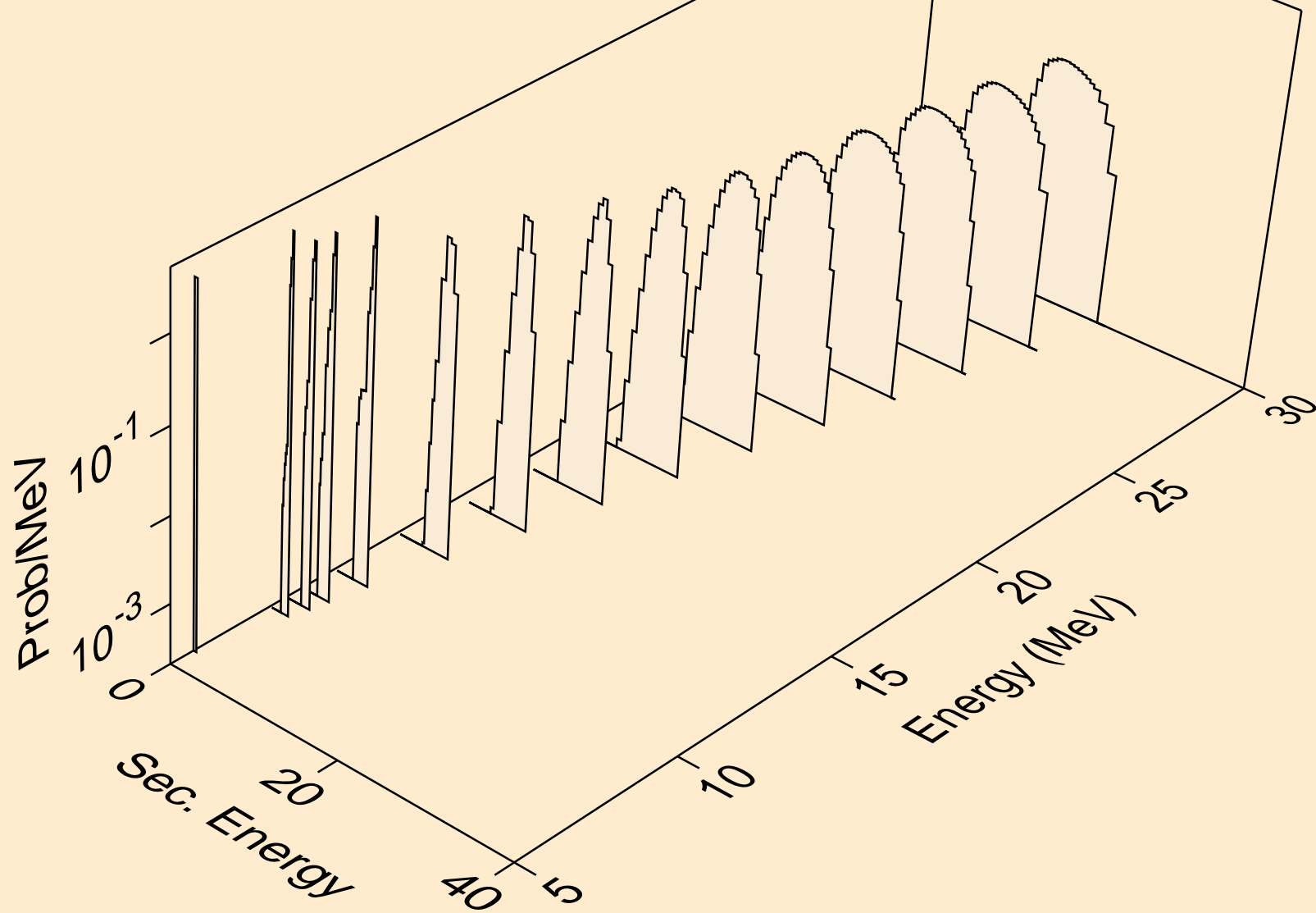
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



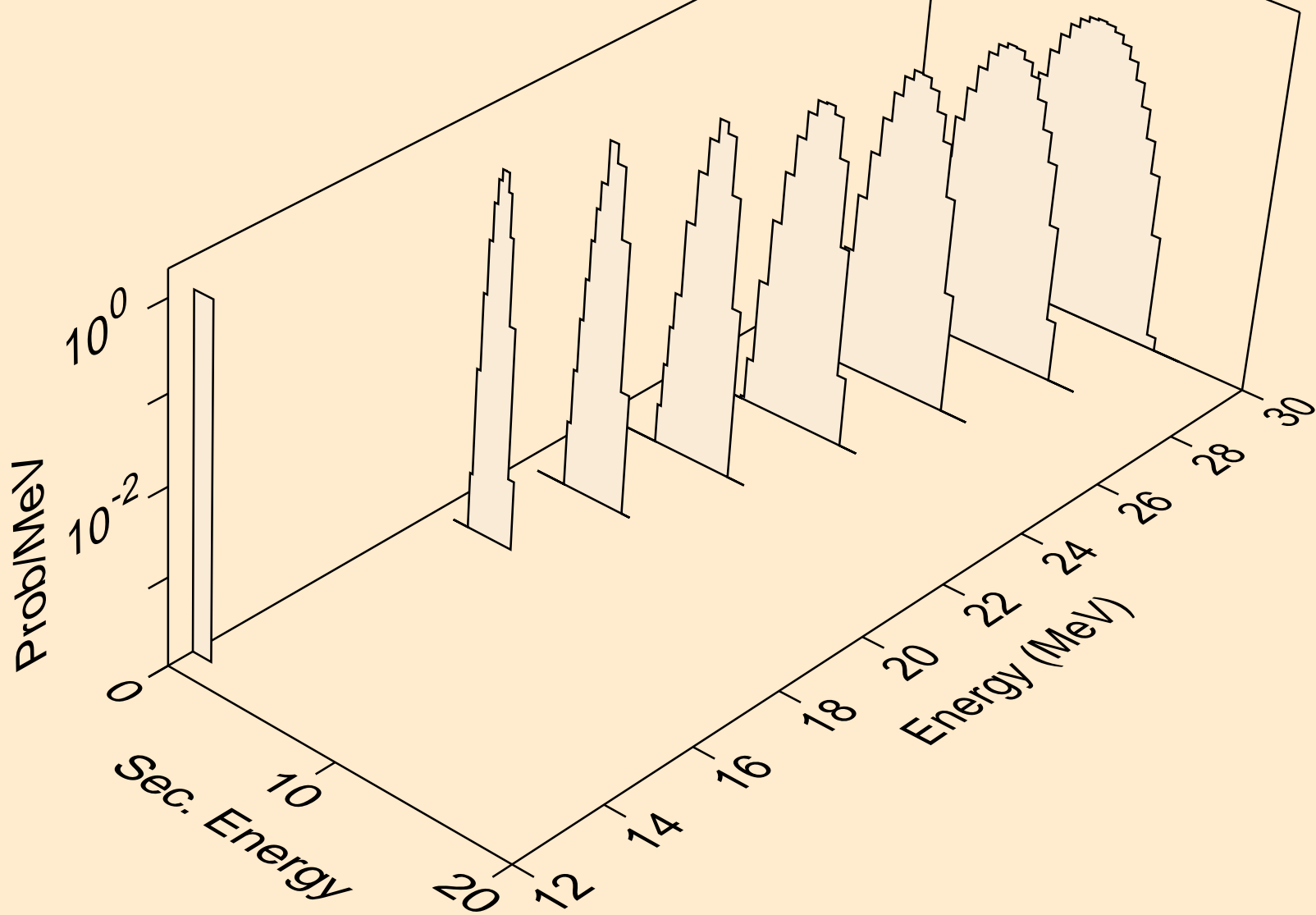
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



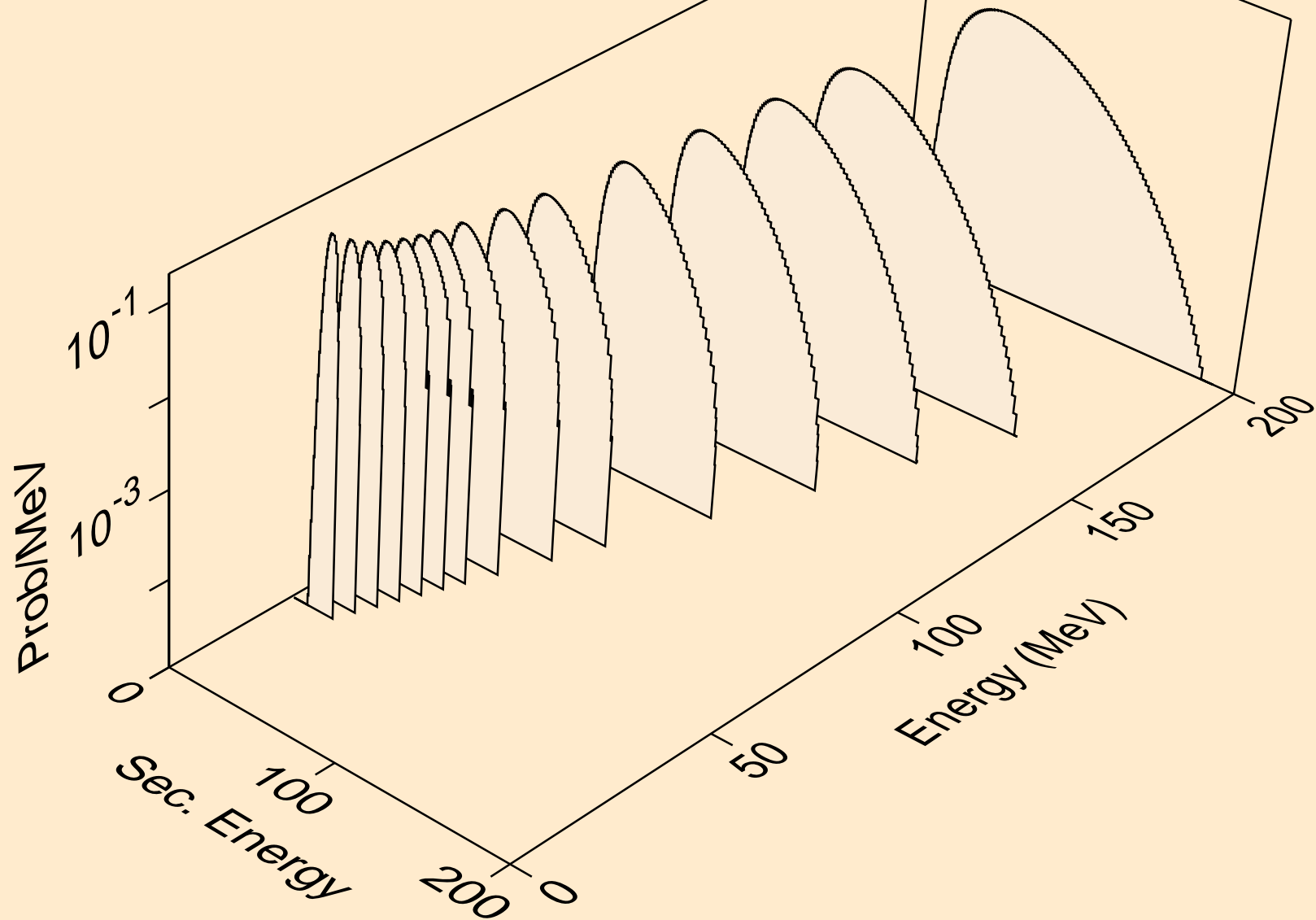
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



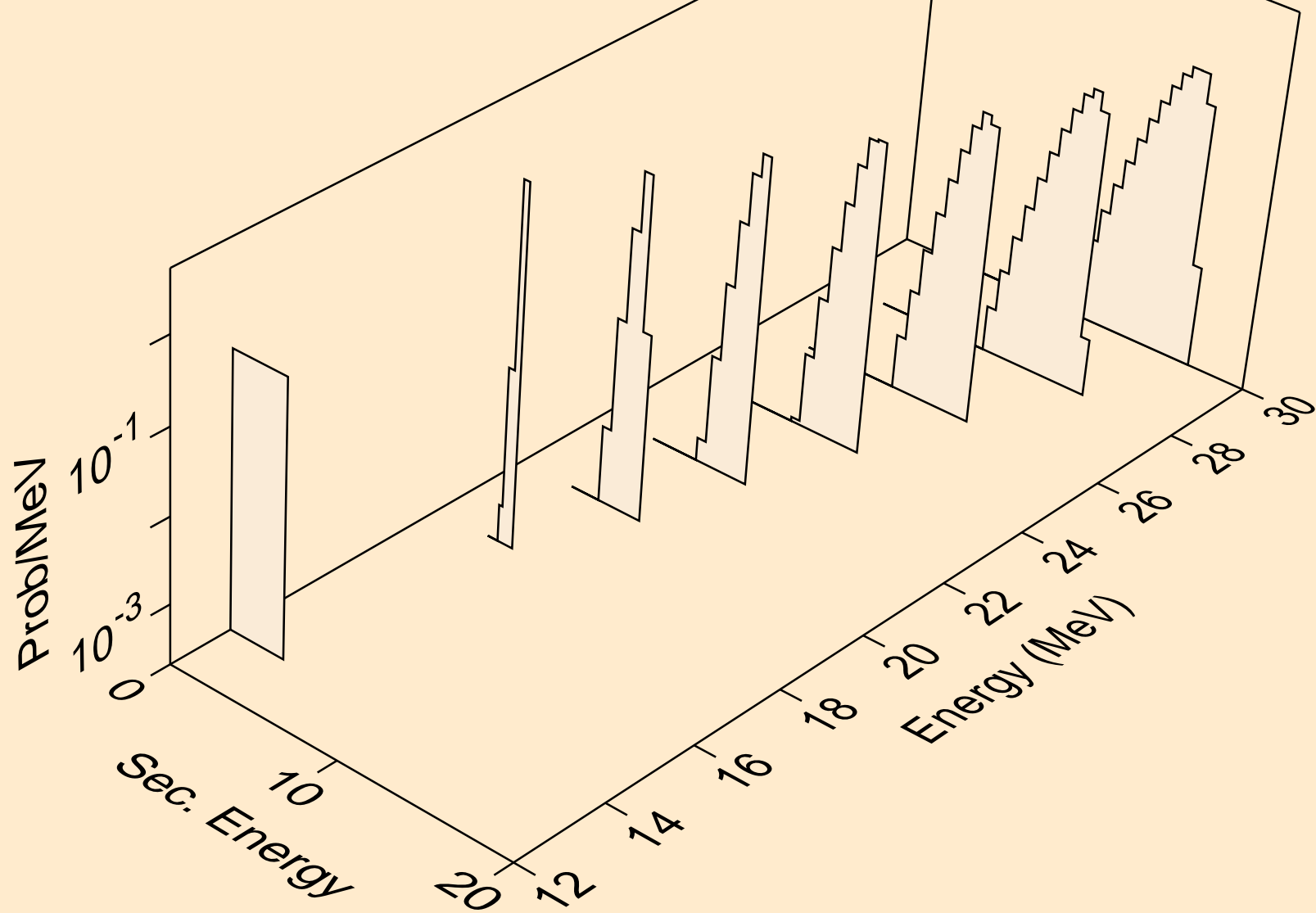
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



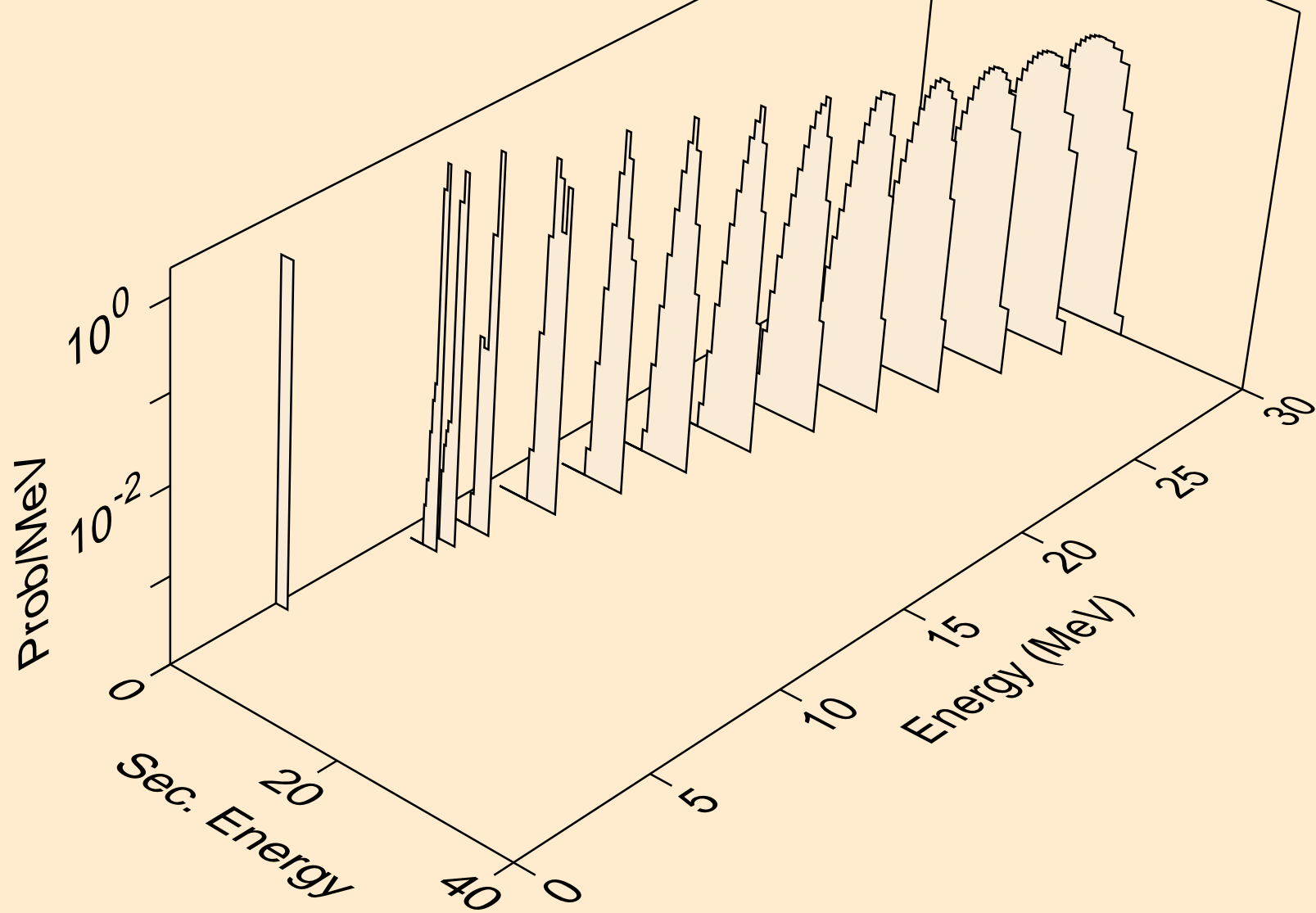
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



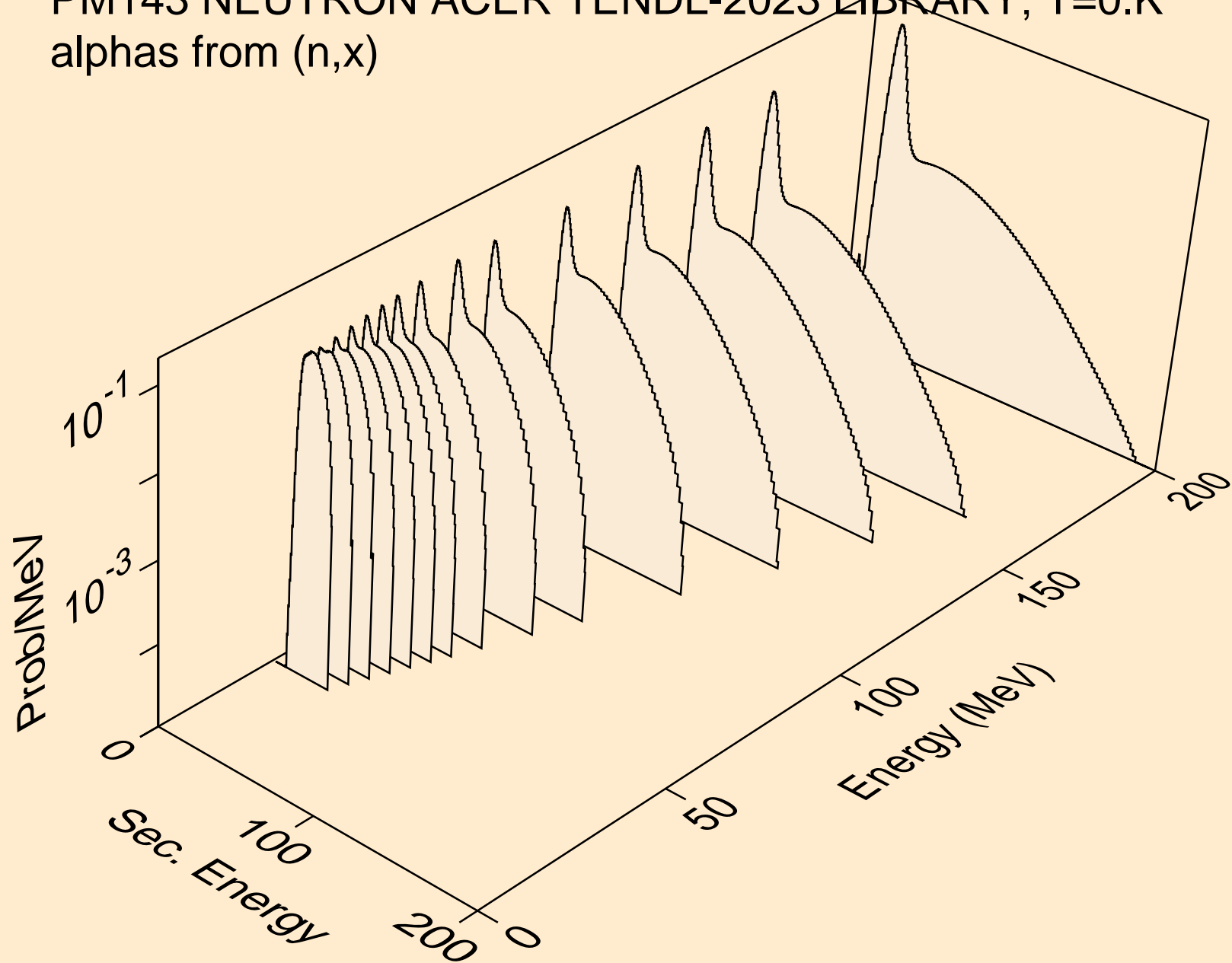
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



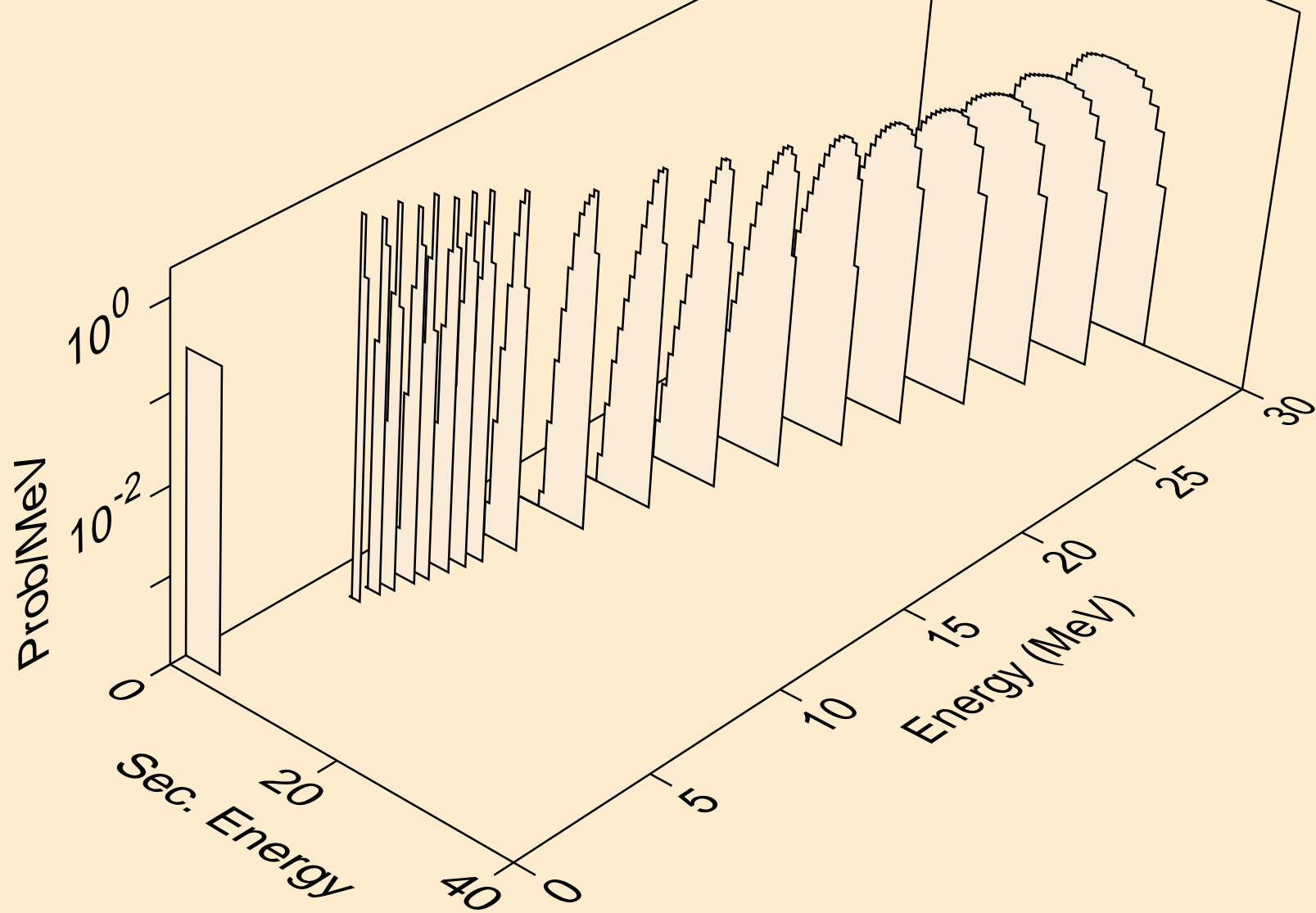
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



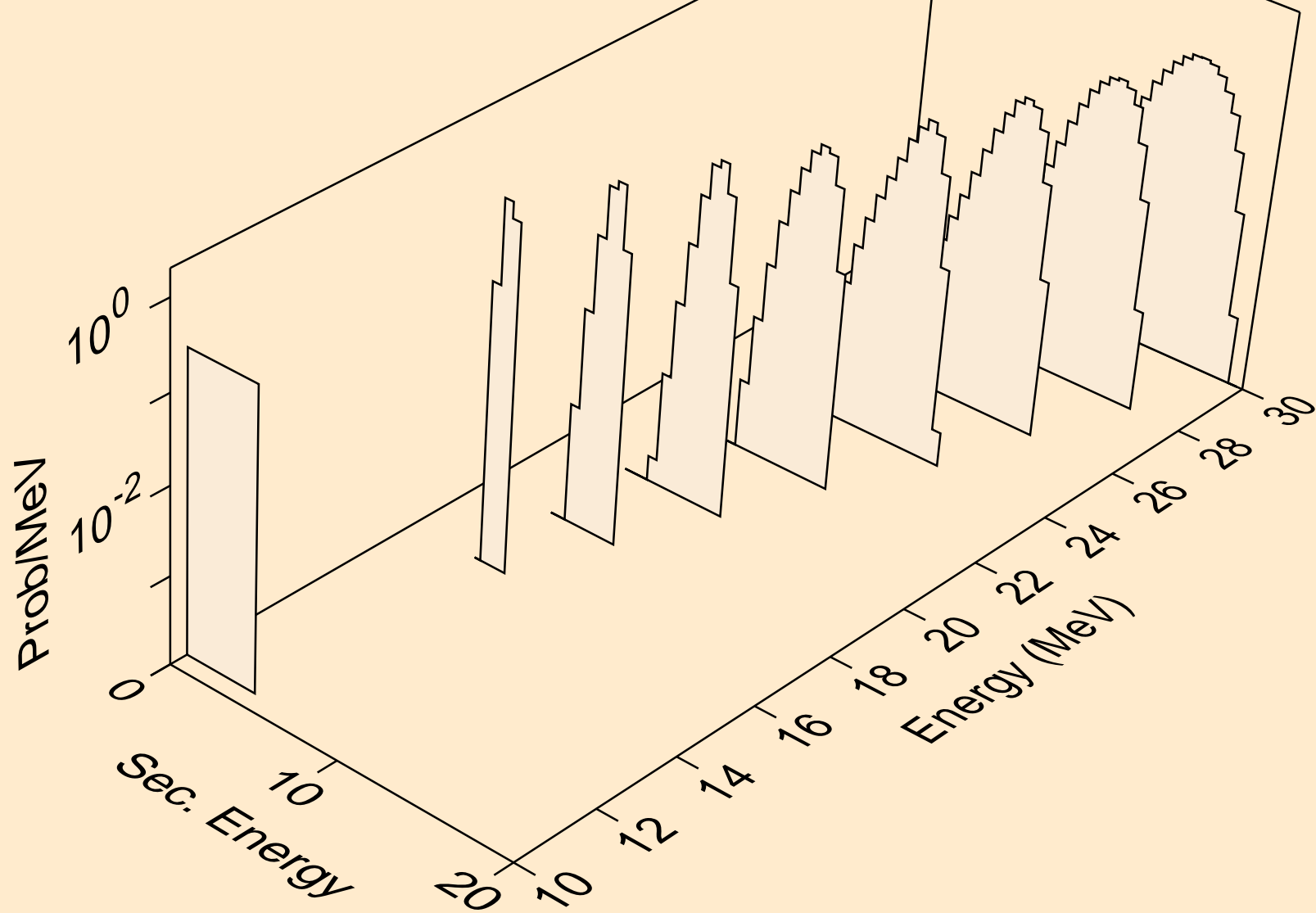
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



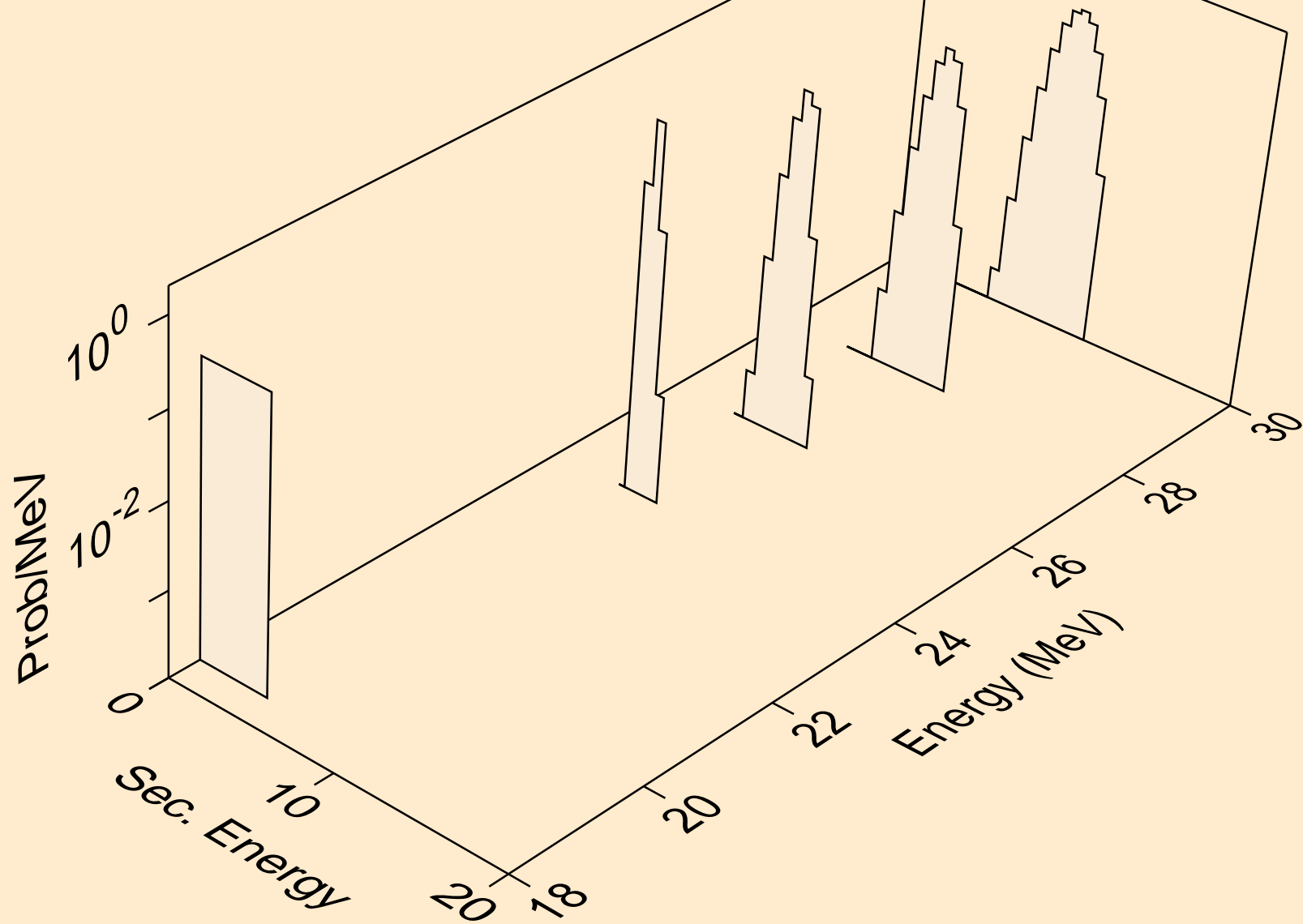
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



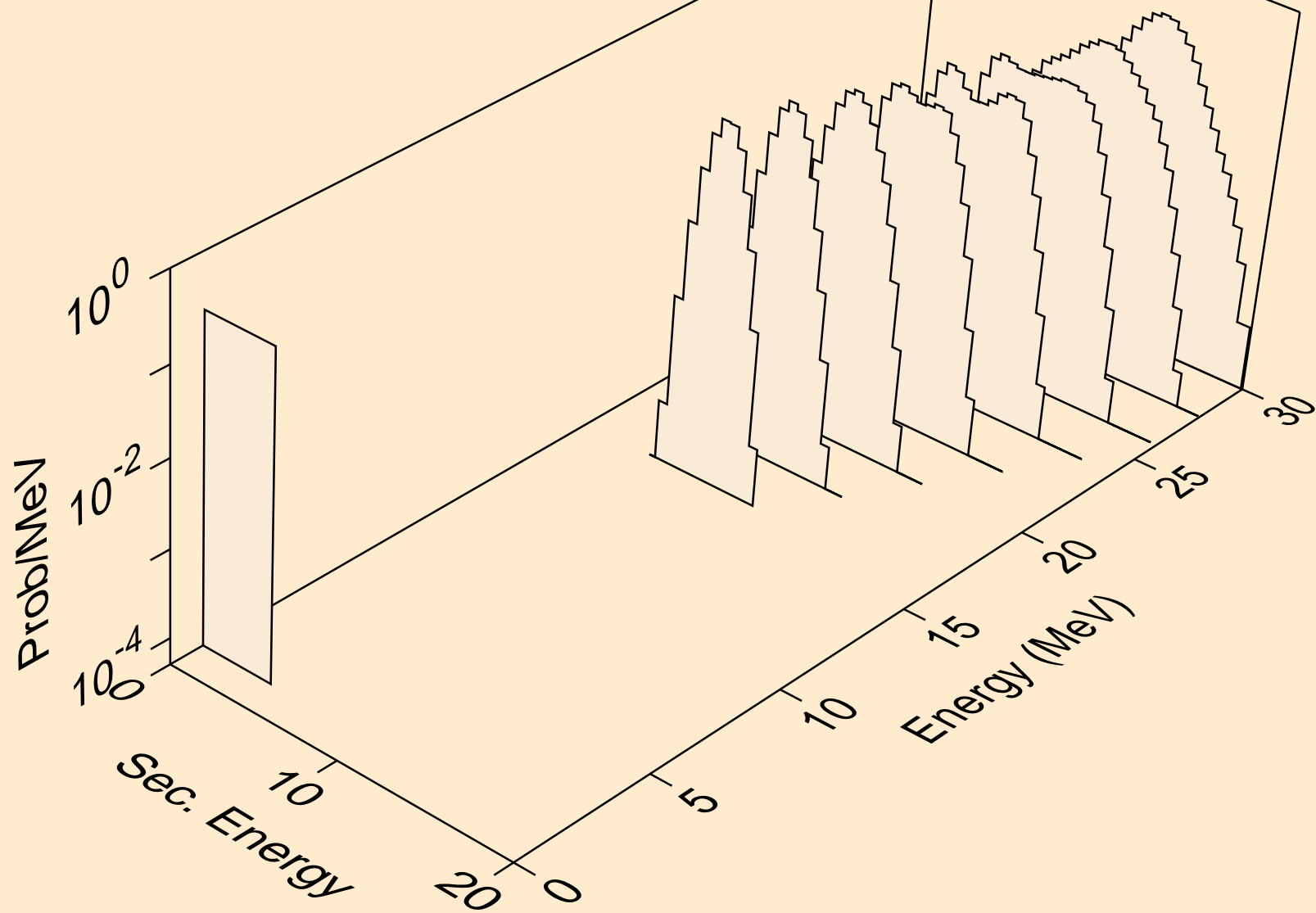
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



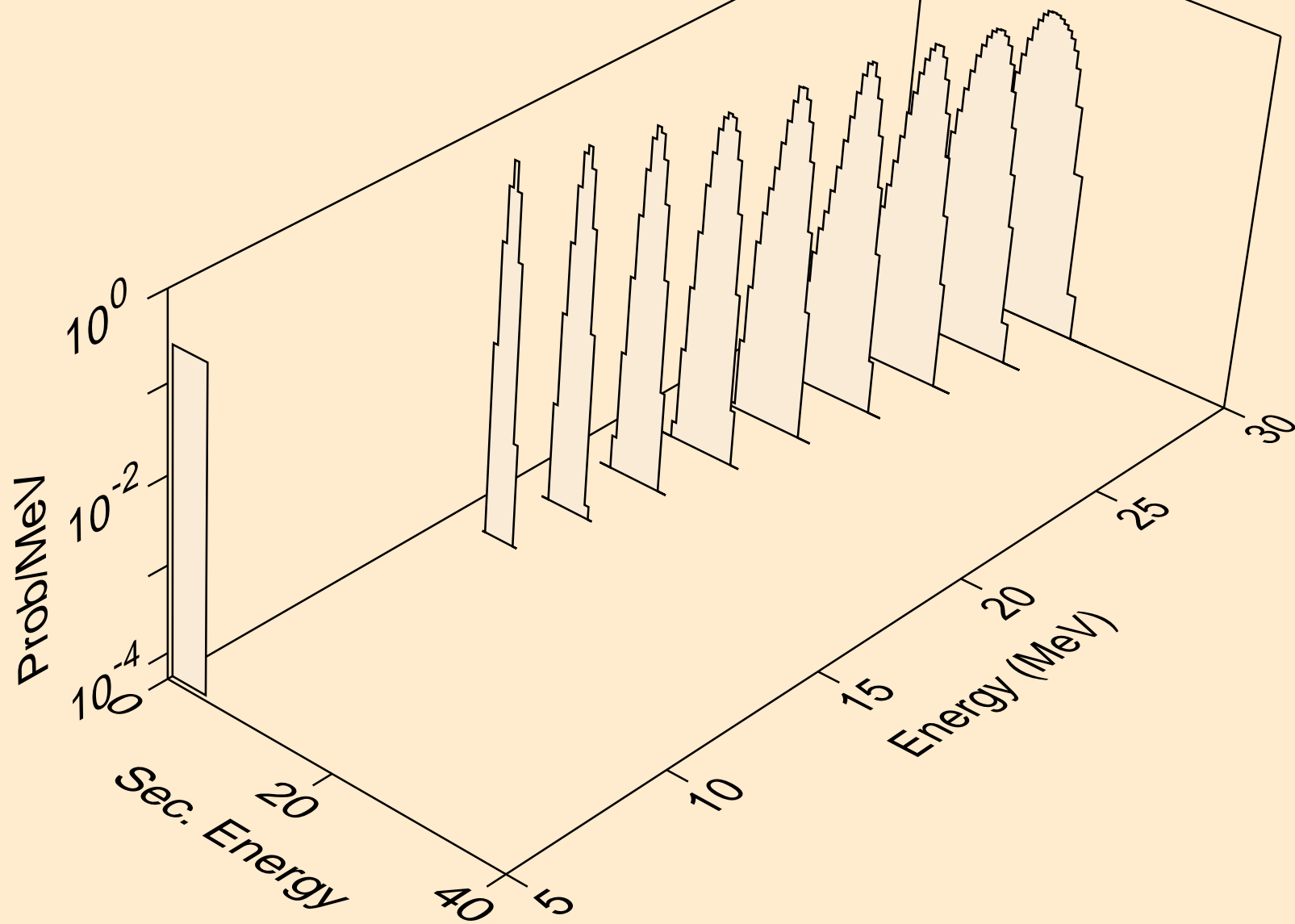
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



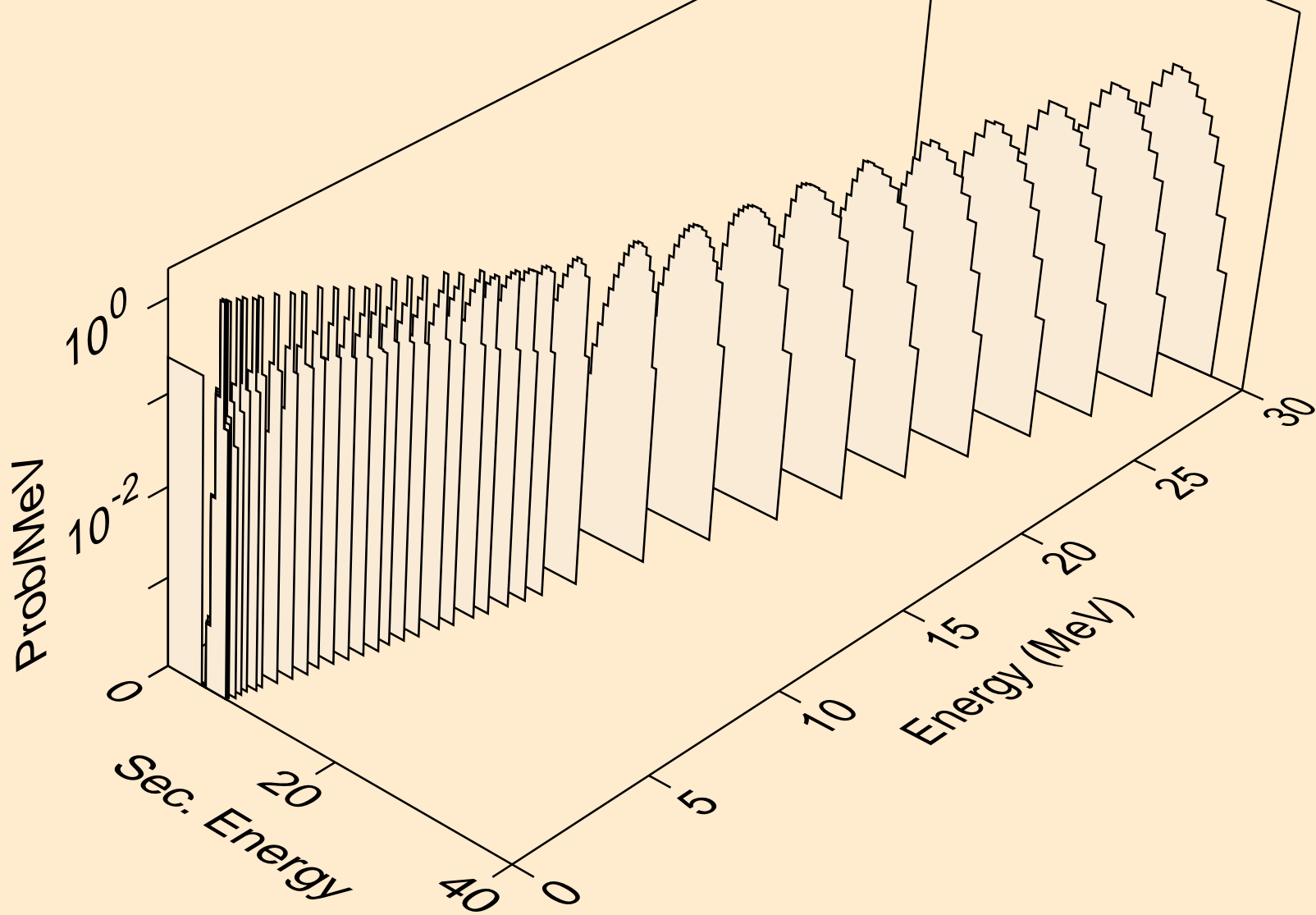
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



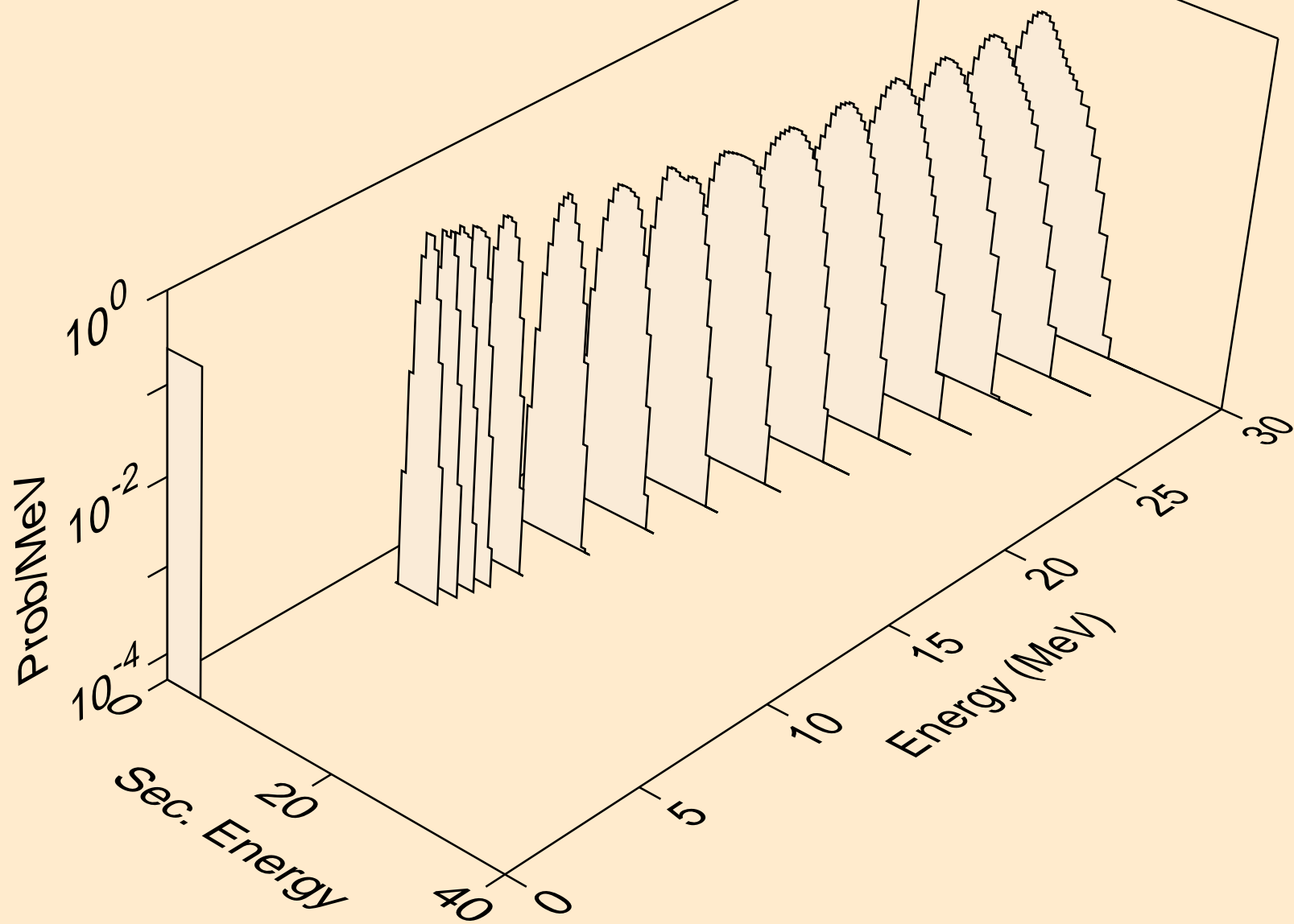
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



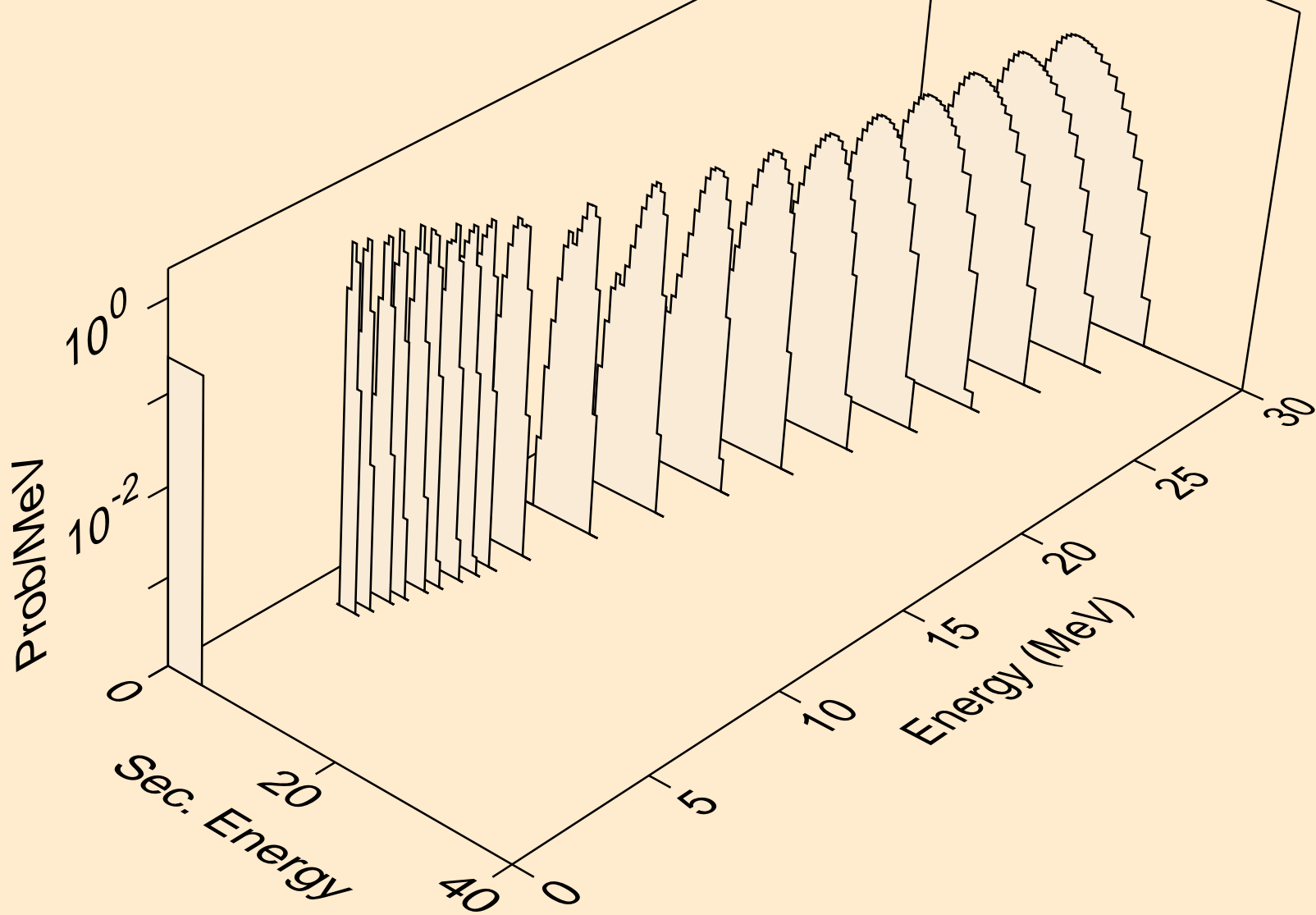
PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



PM143 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

