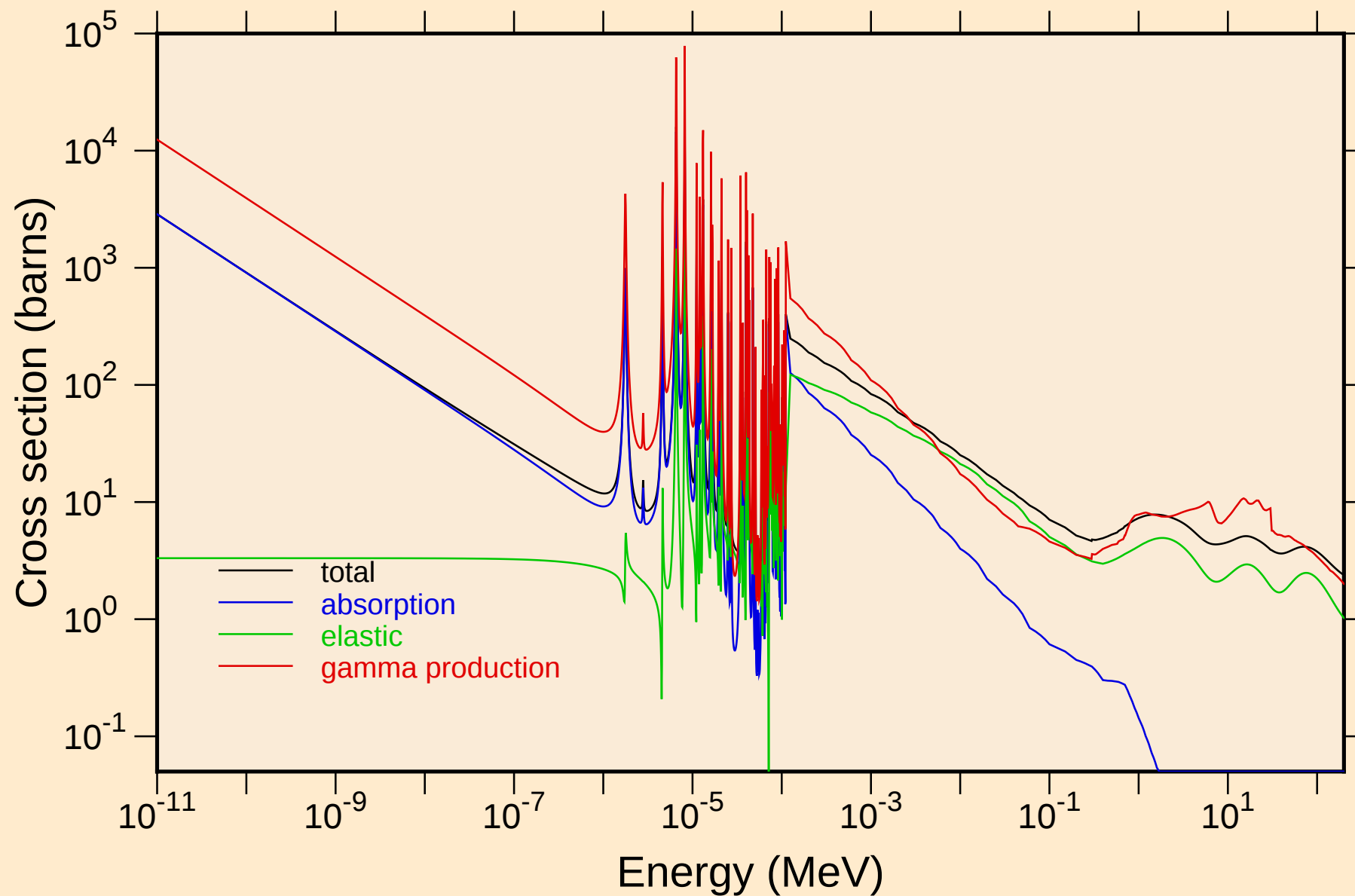
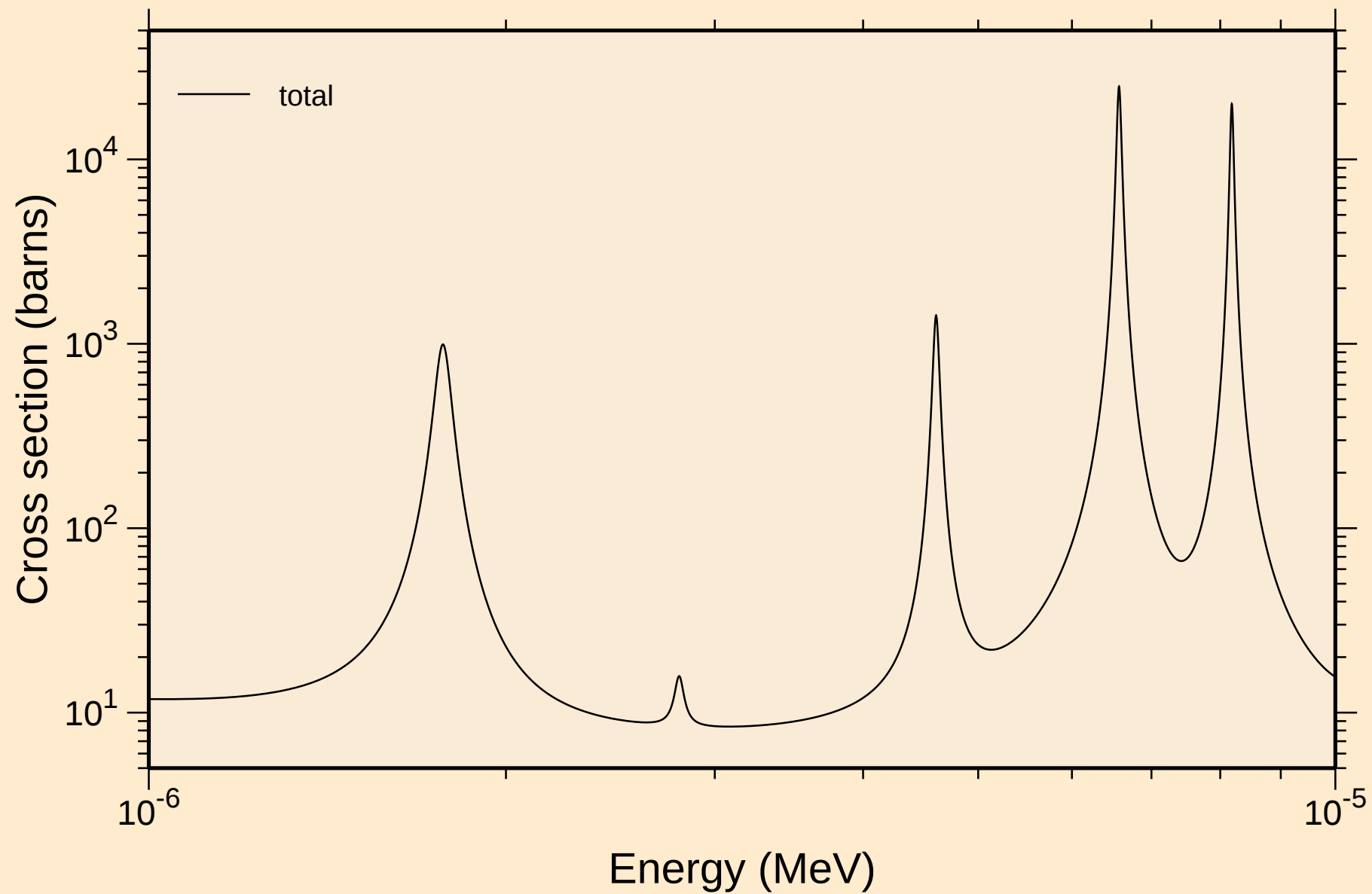


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

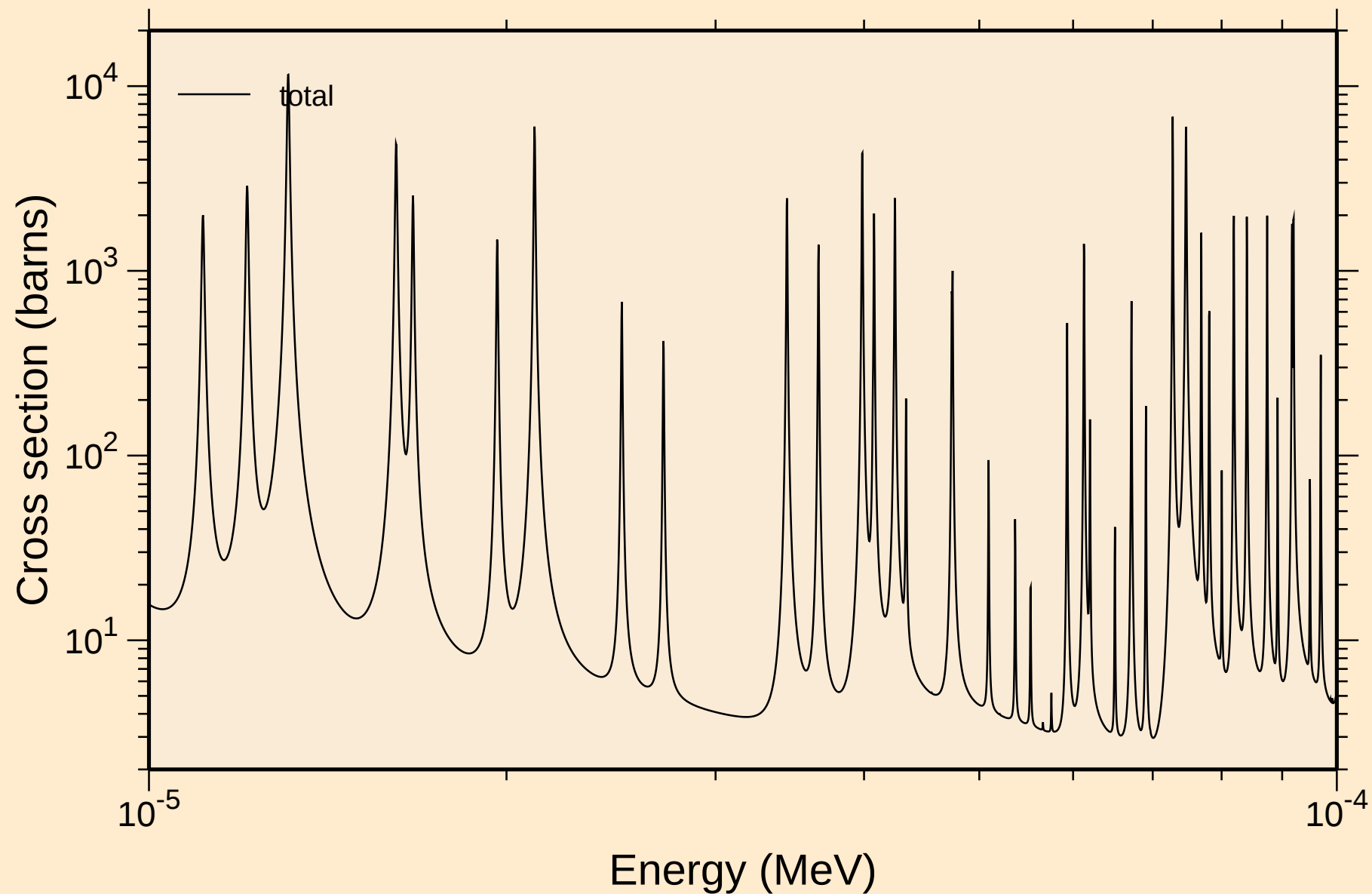
Principal cross sections



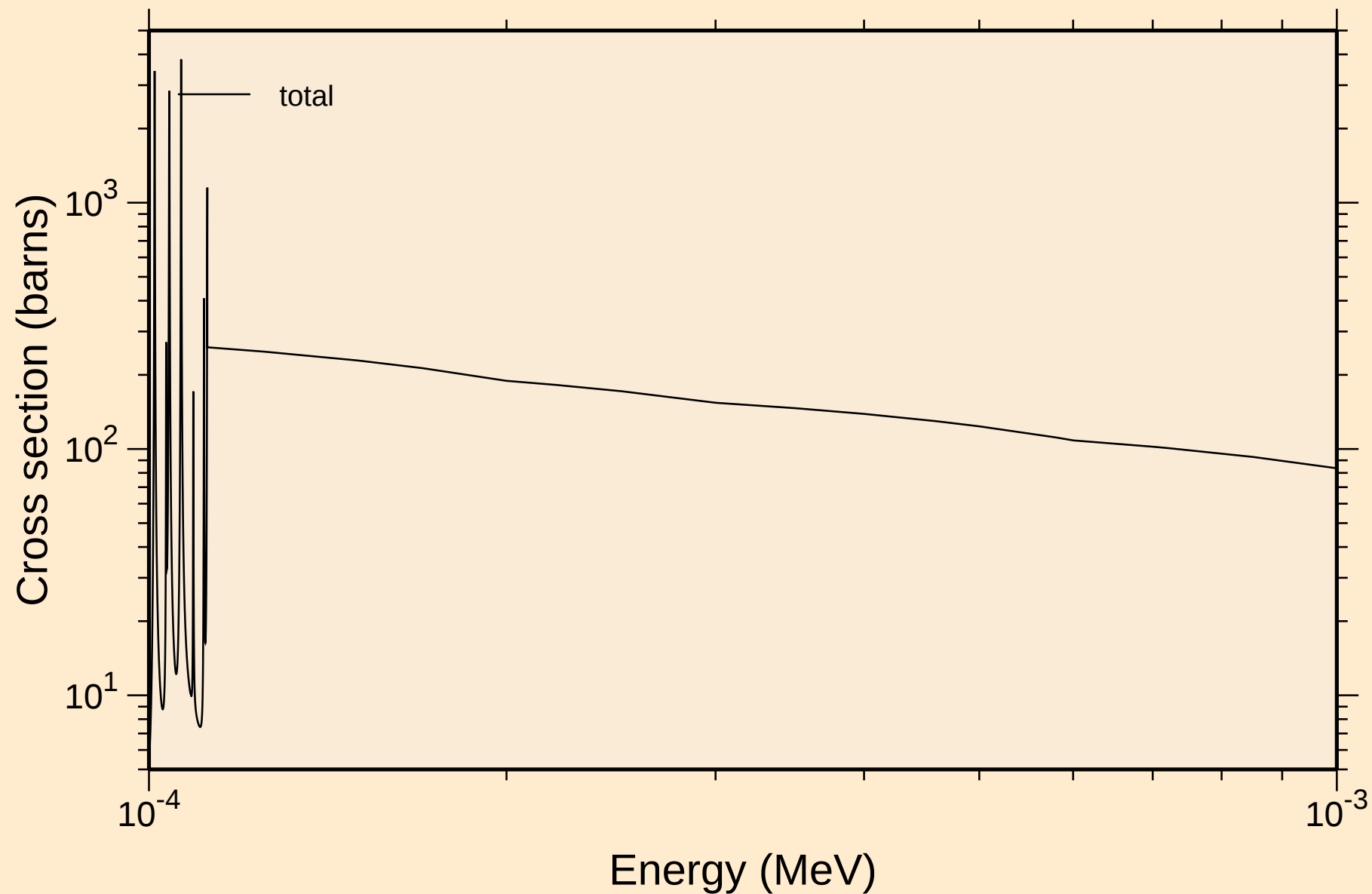
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



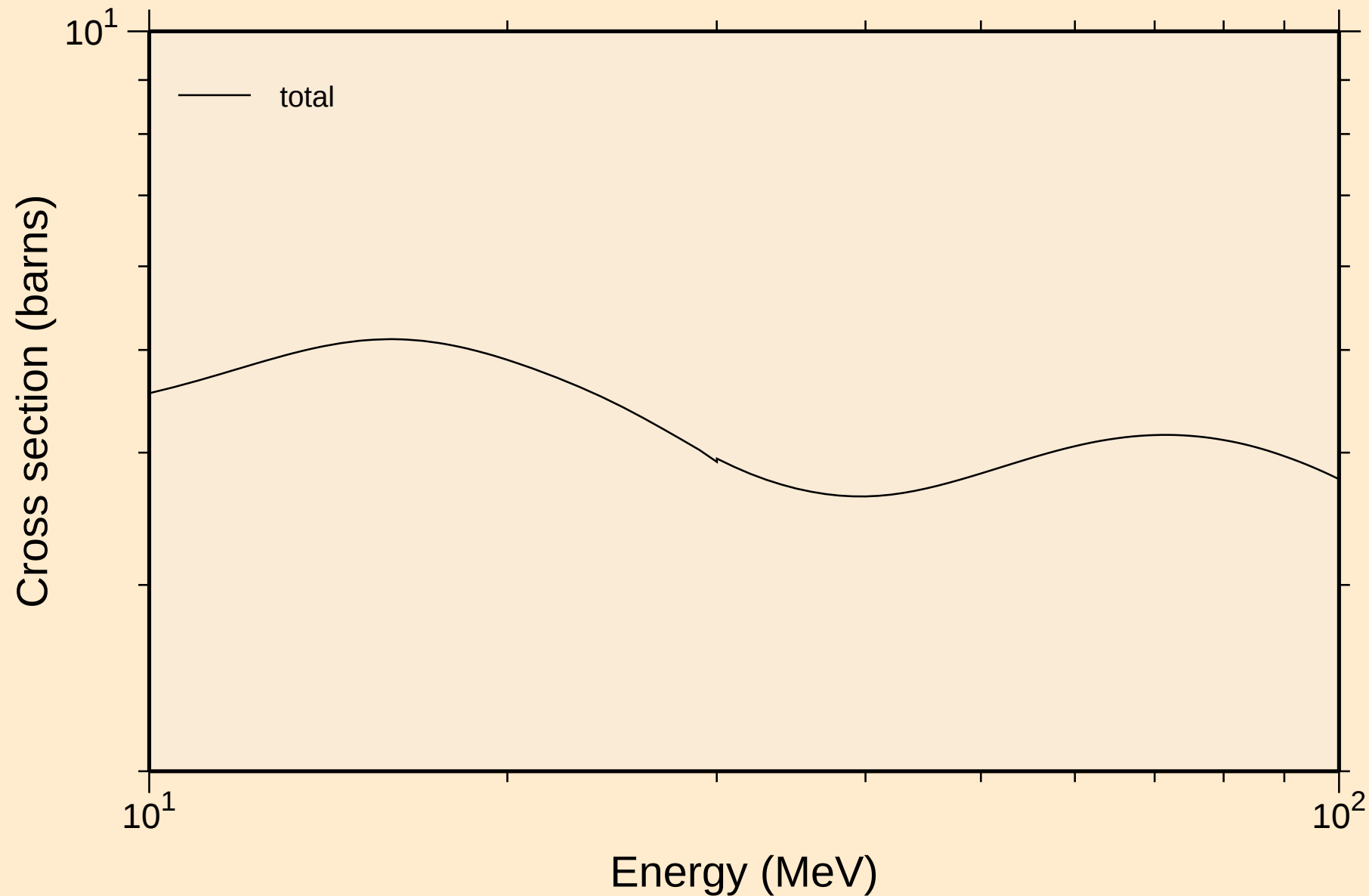
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resonance total cross section



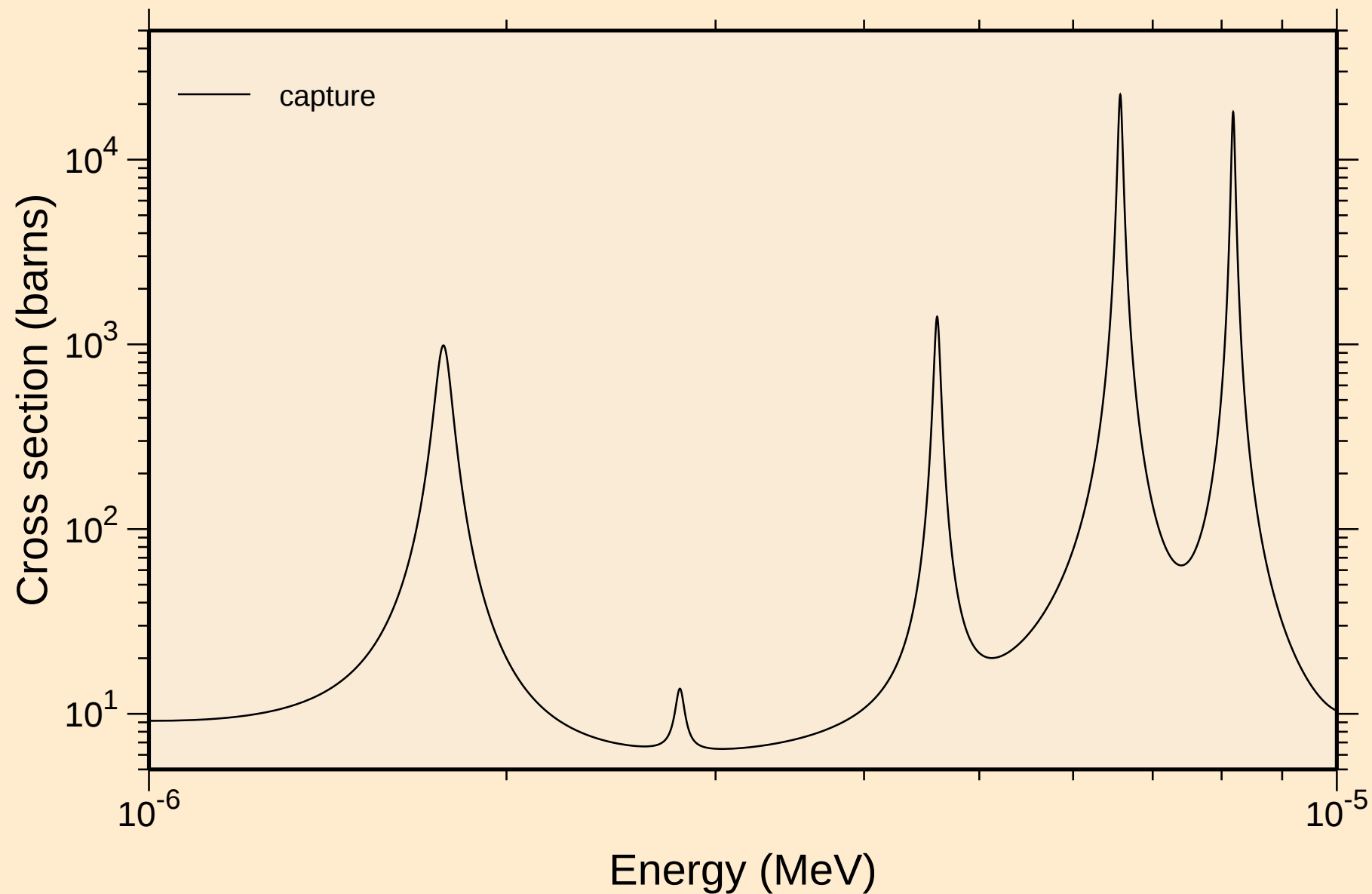
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resonance total cross section



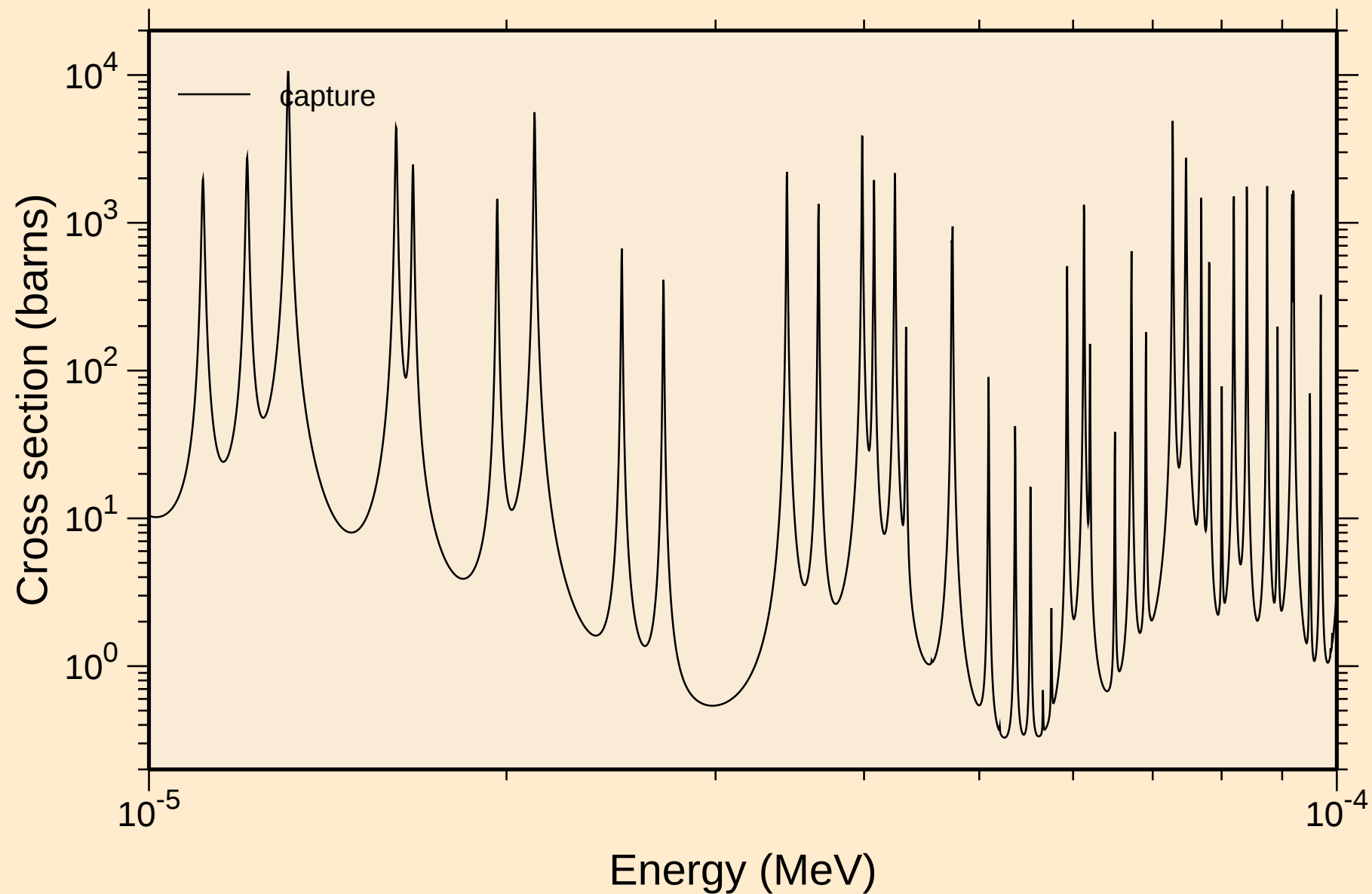
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



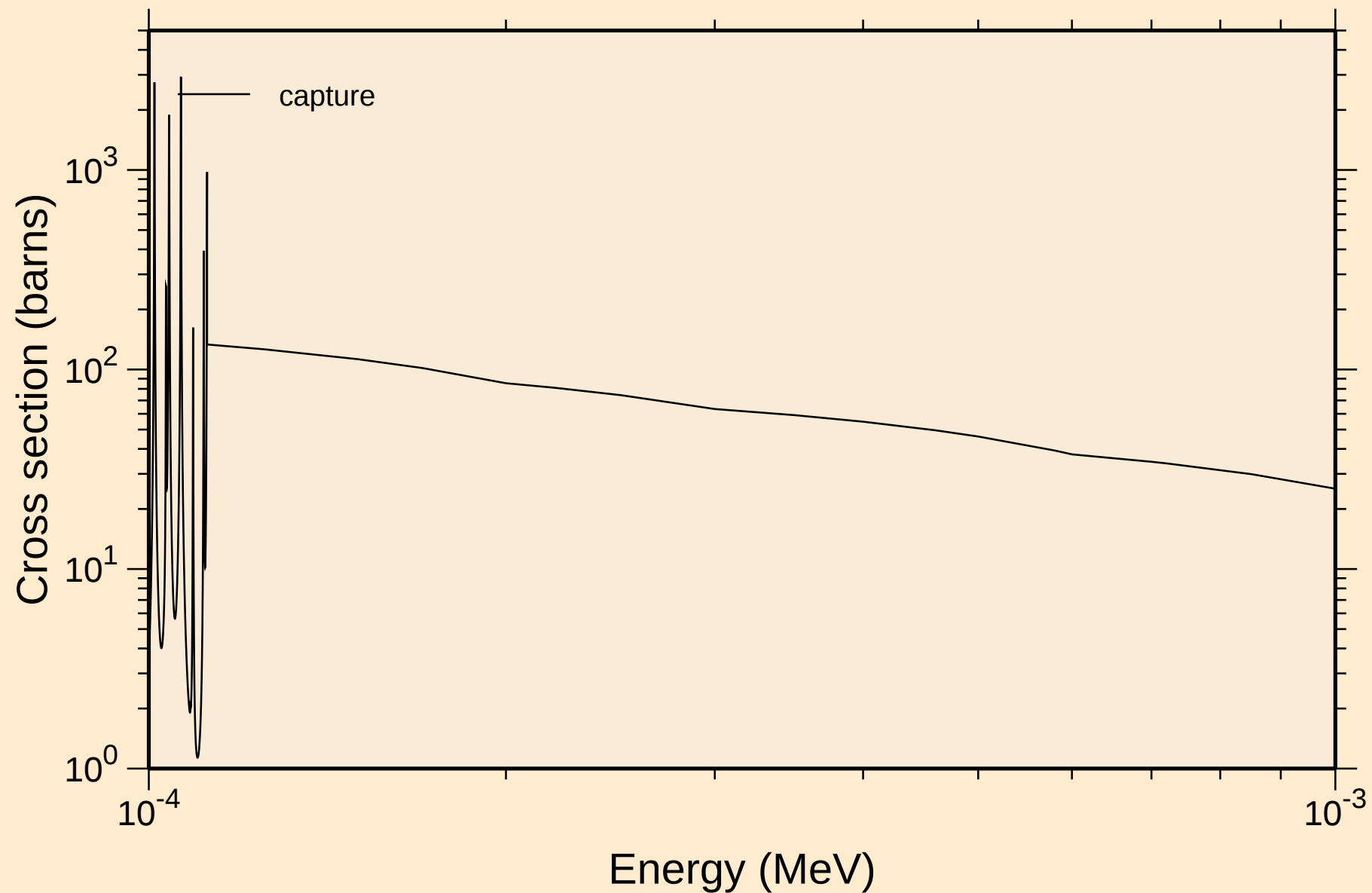
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



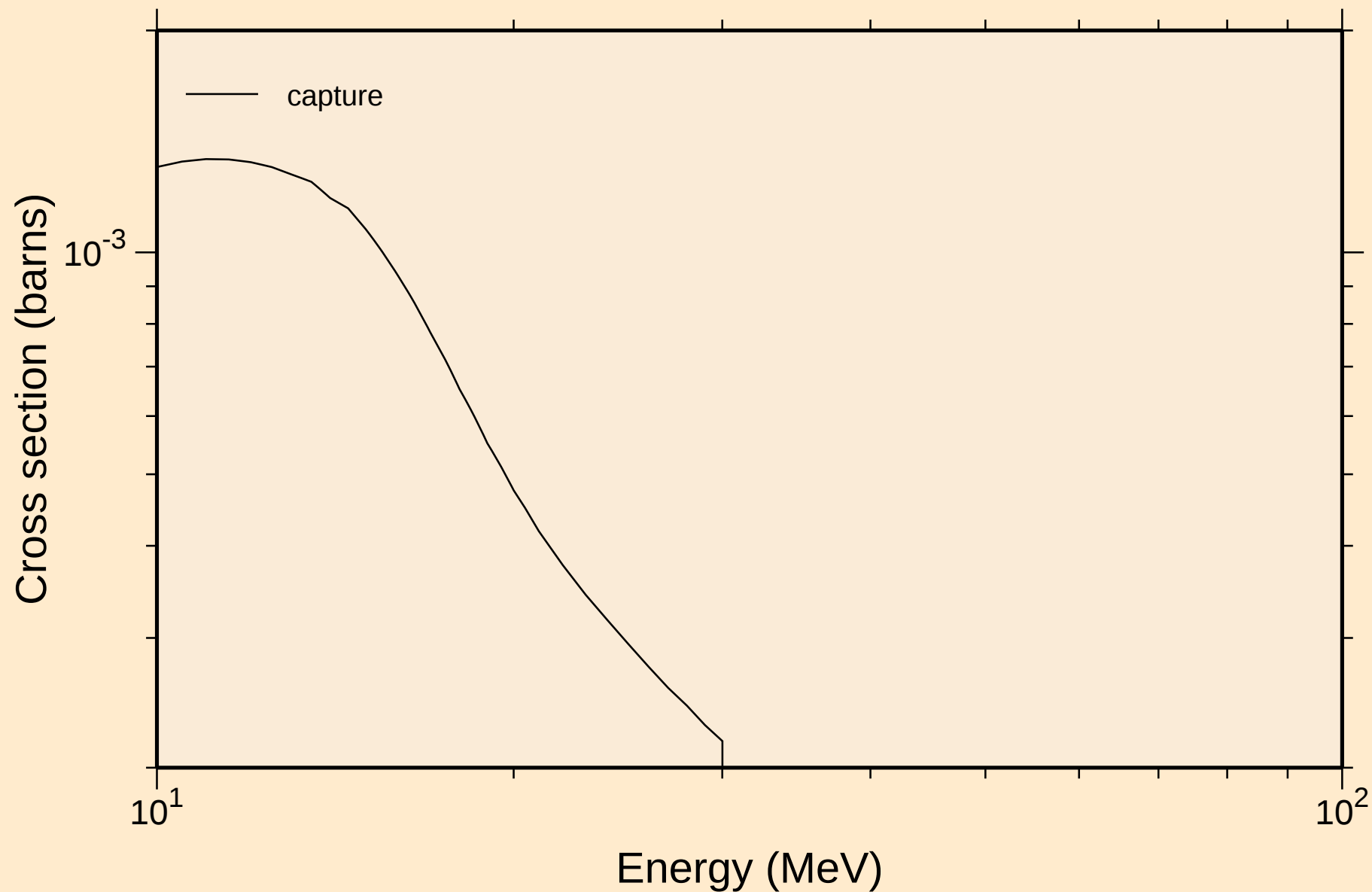
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

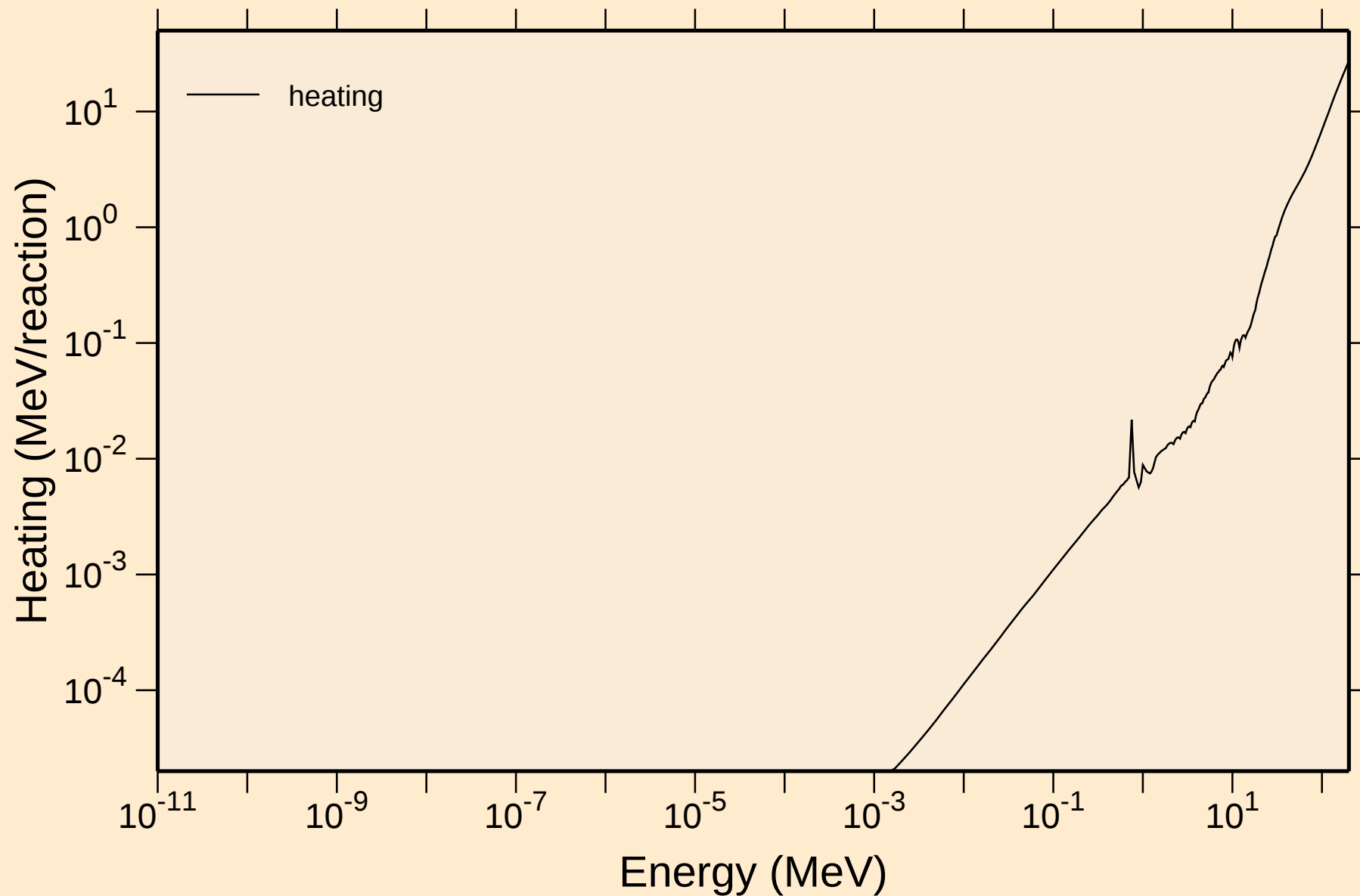


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



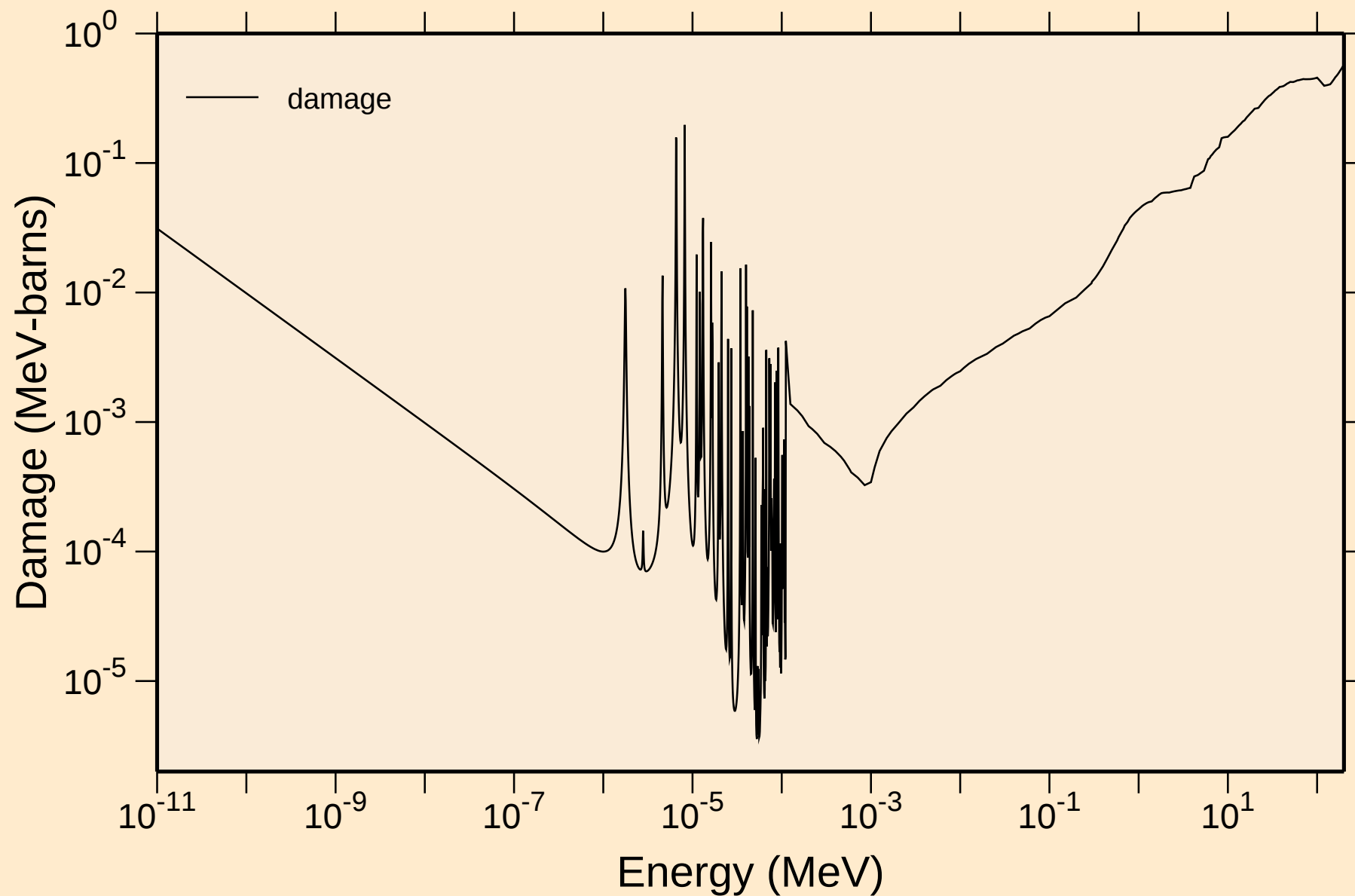
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

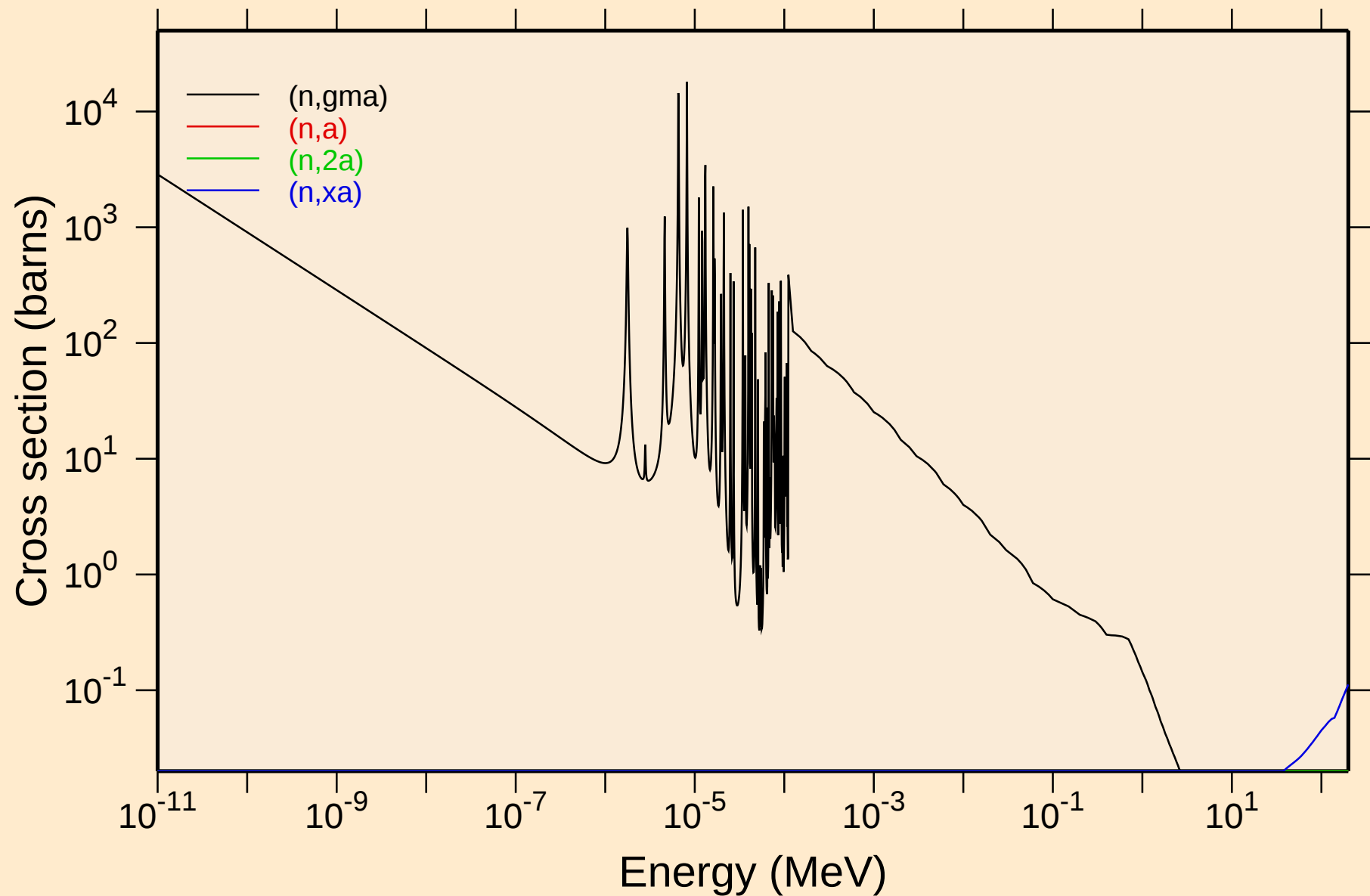


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

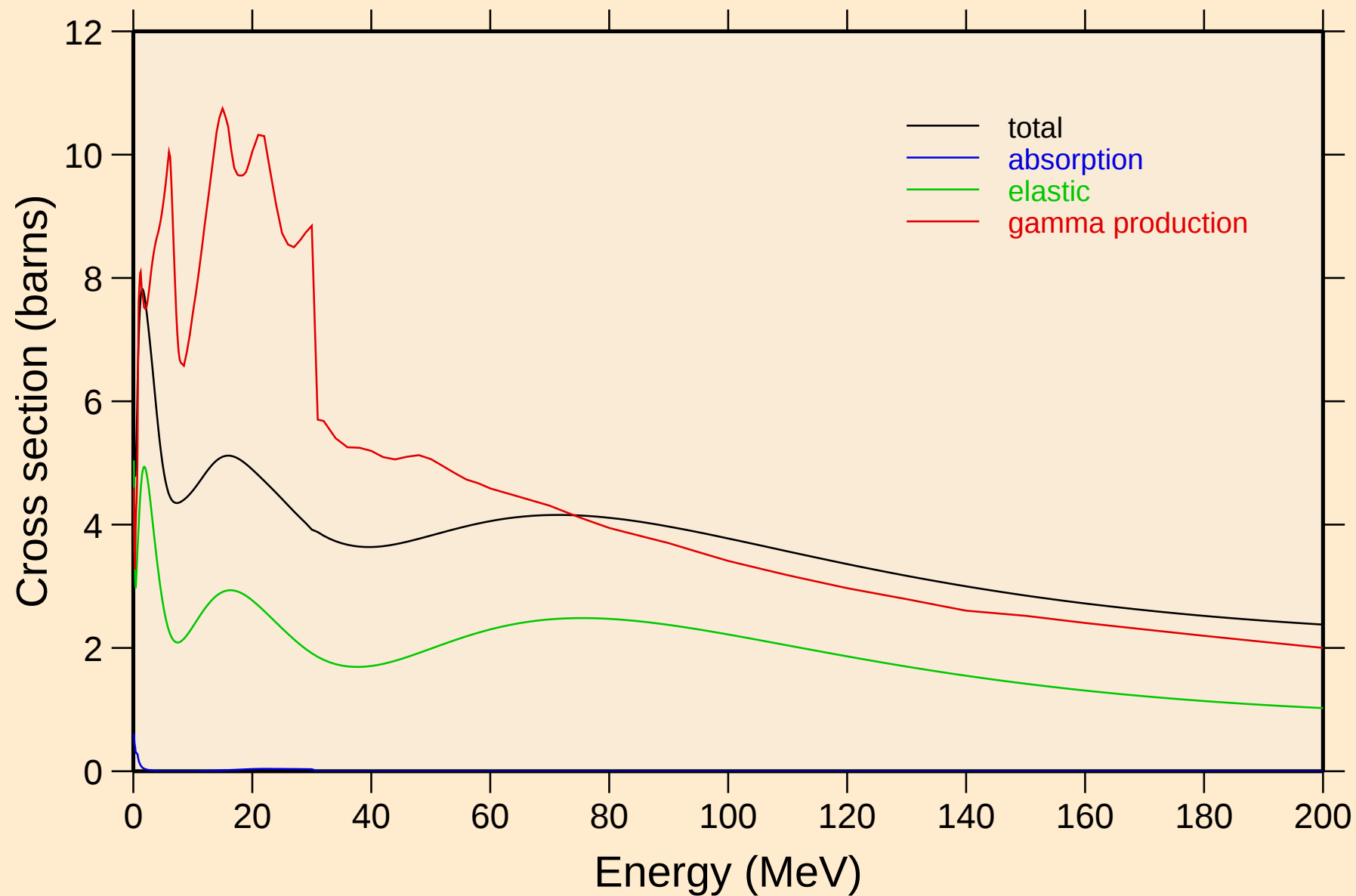


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



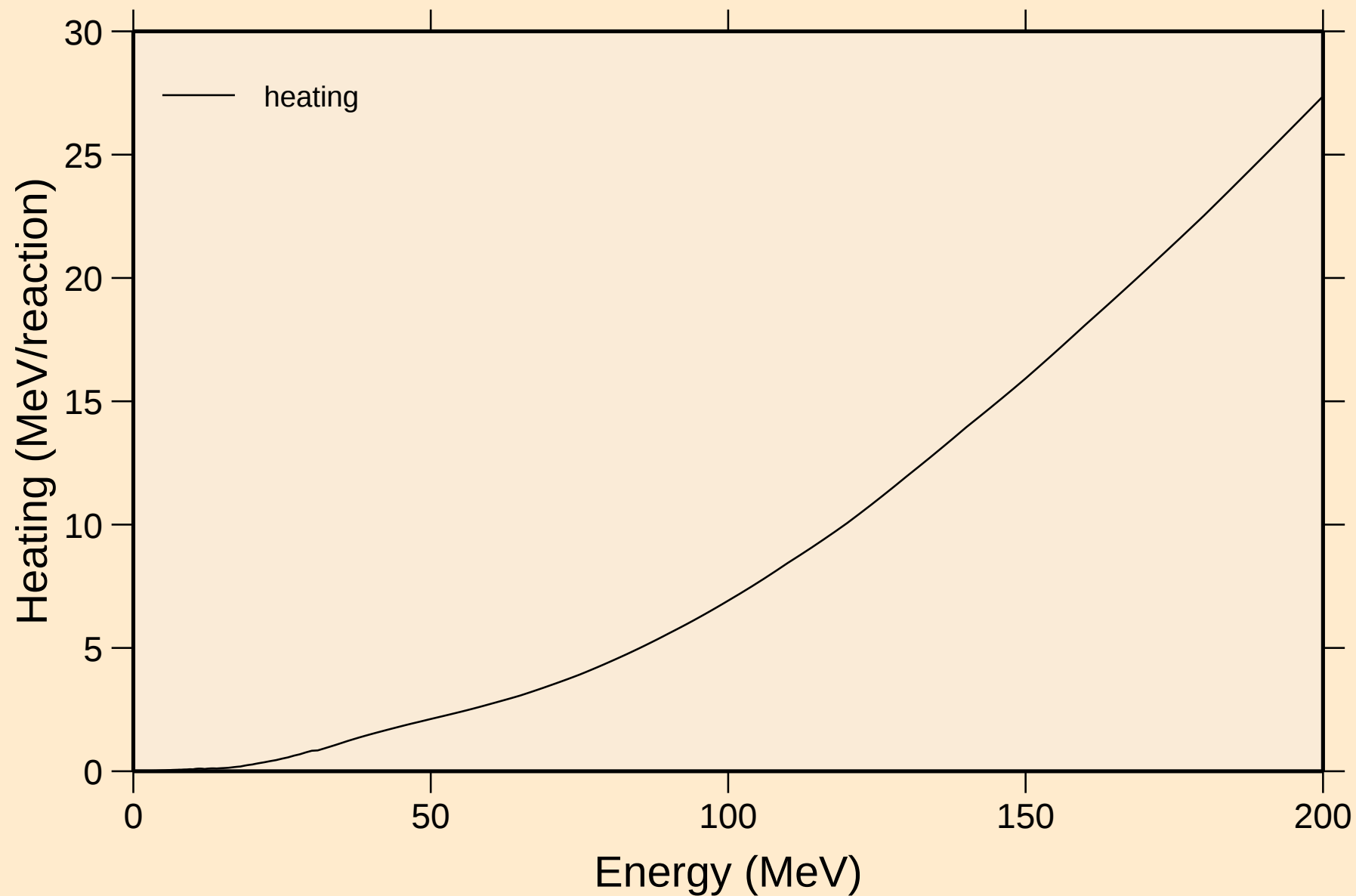
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



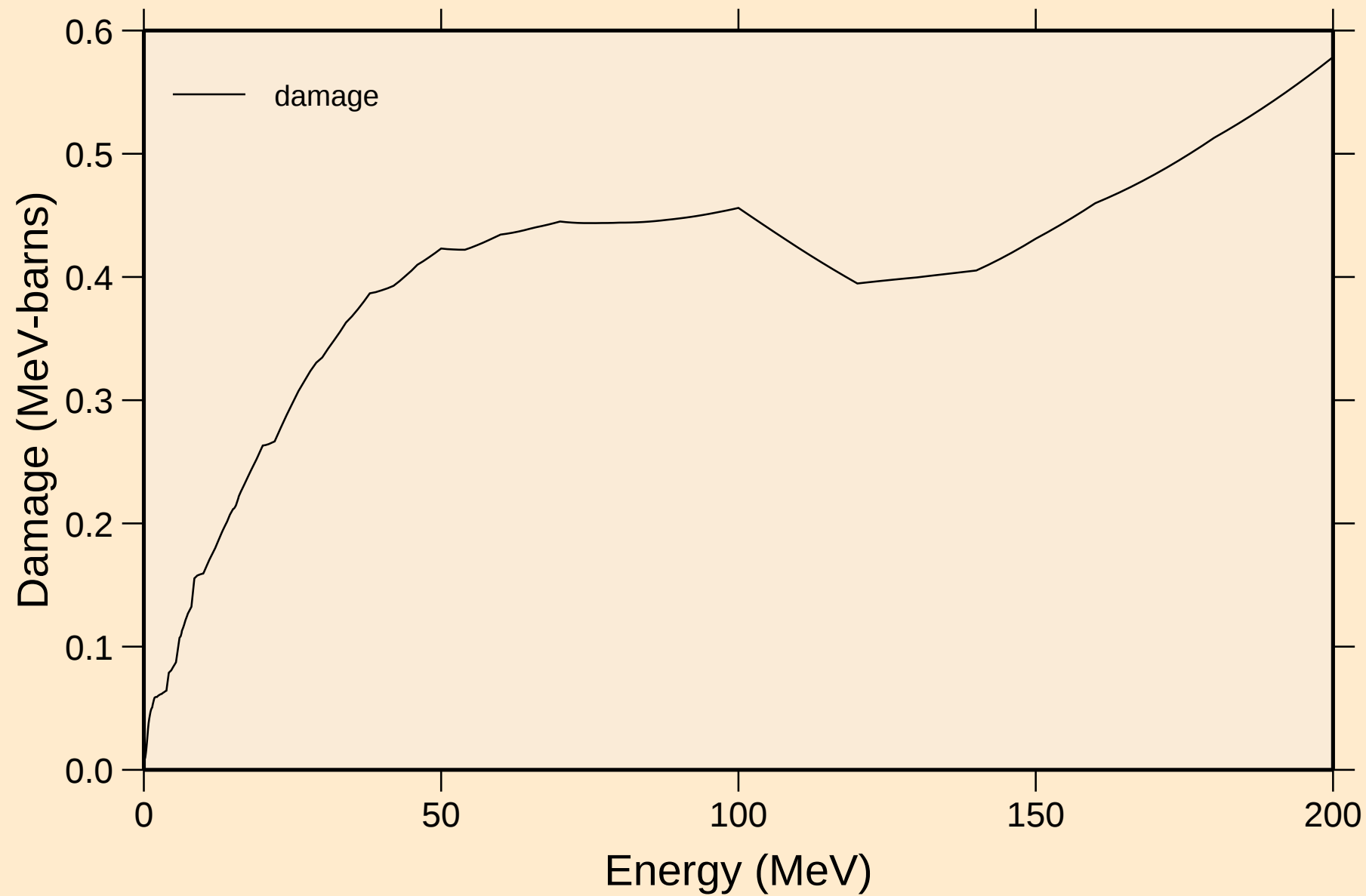
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

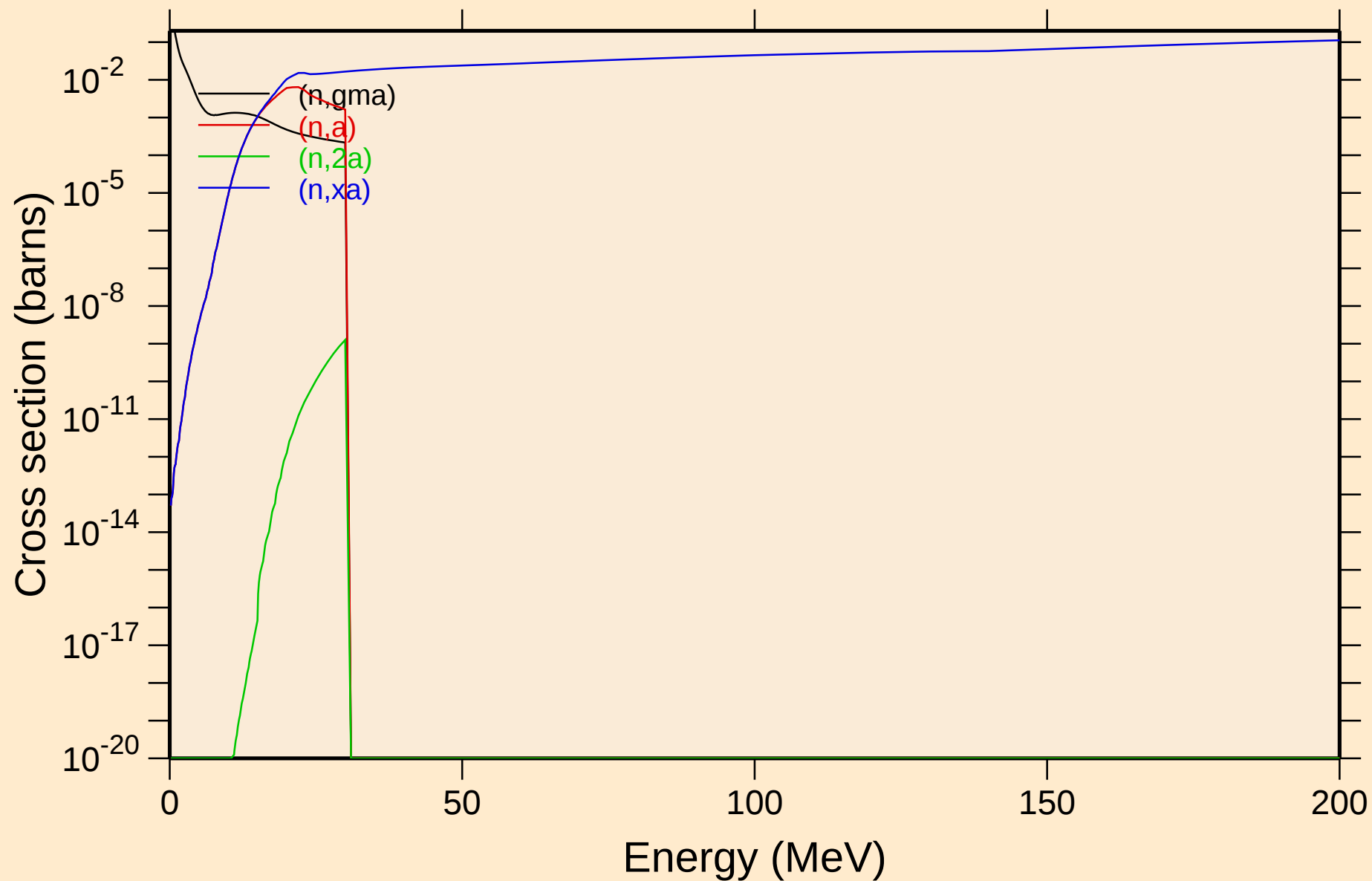


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

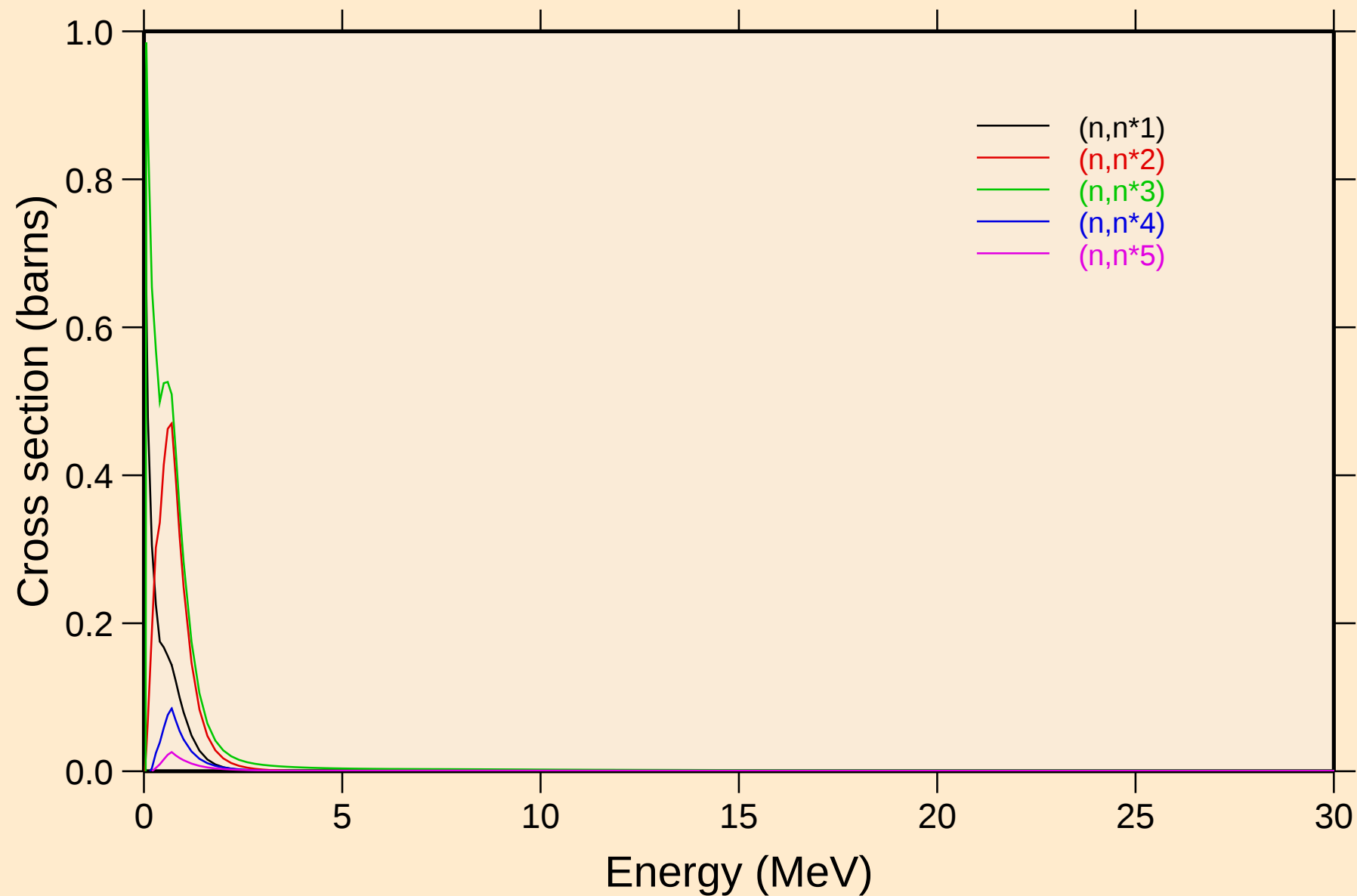


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



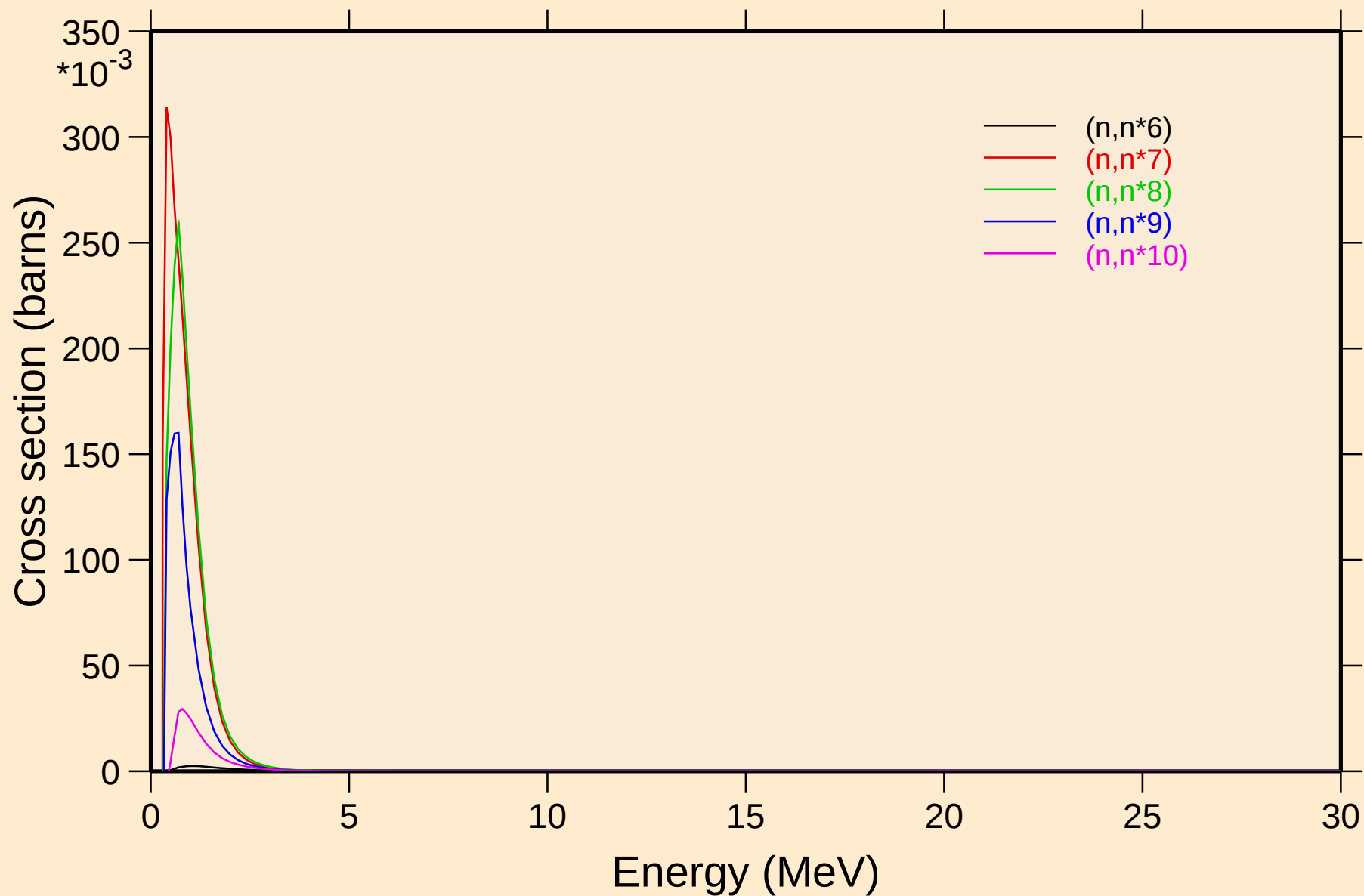
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Inelastic levels



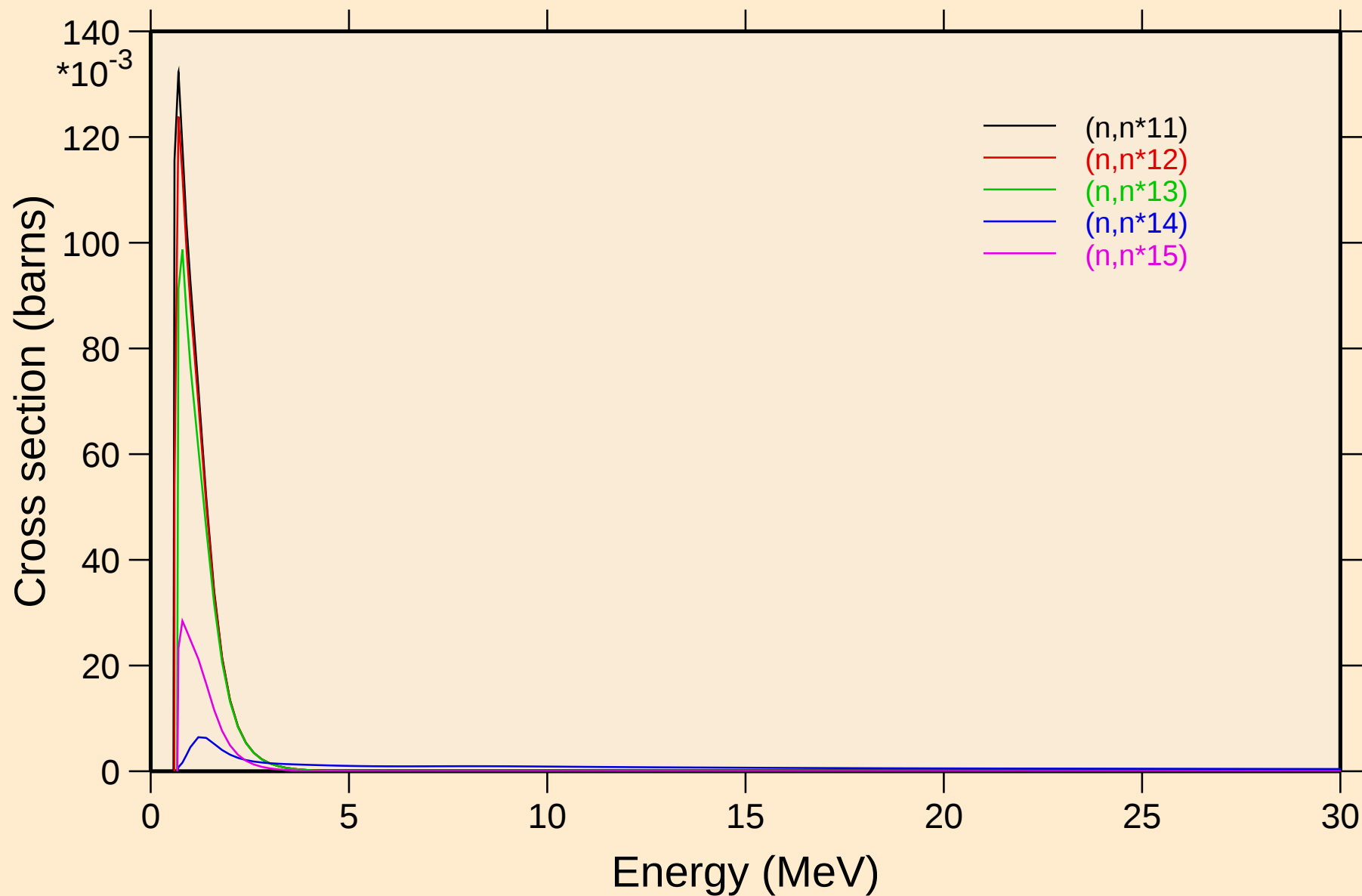
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Inelastic levels

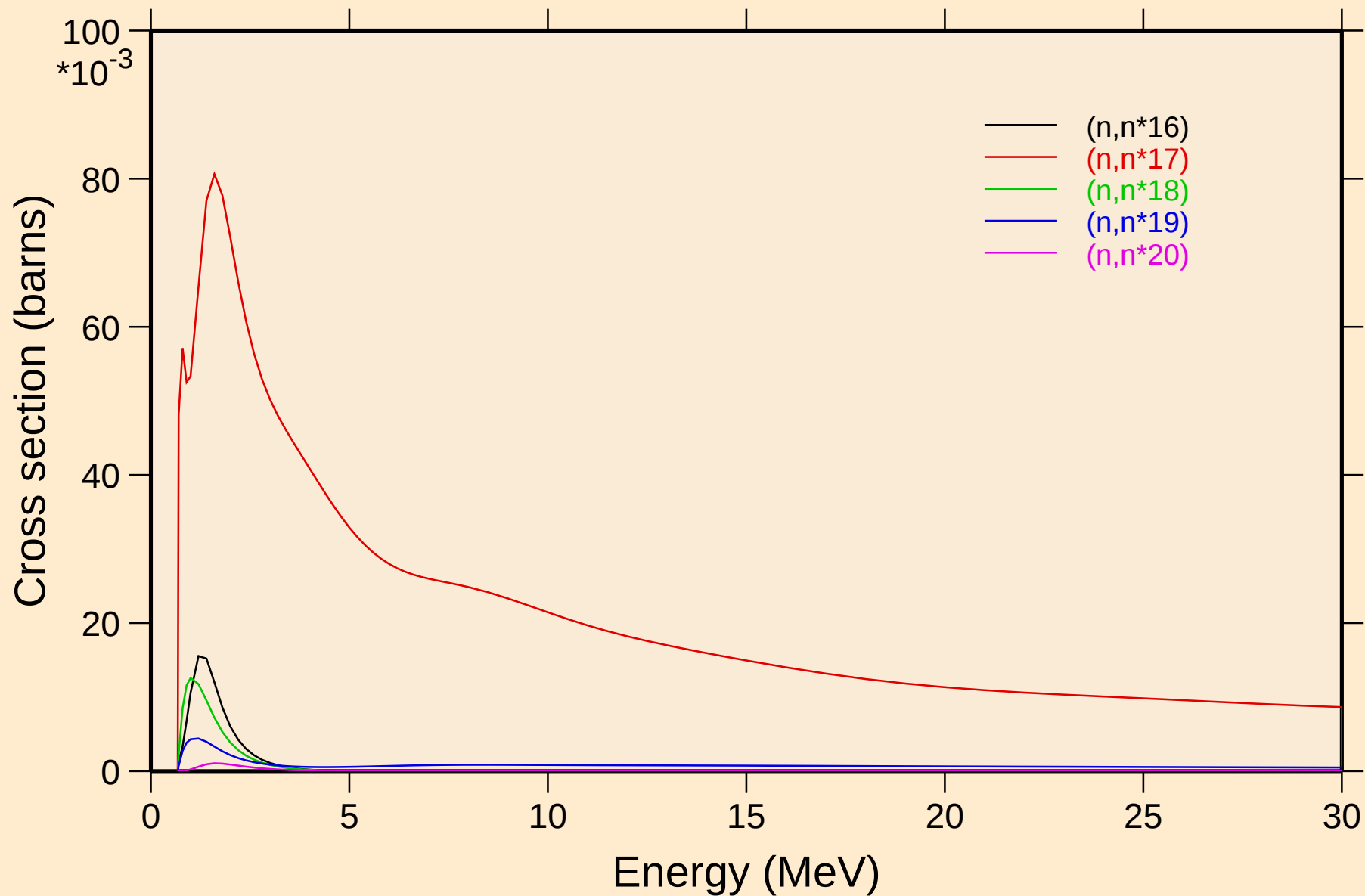


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

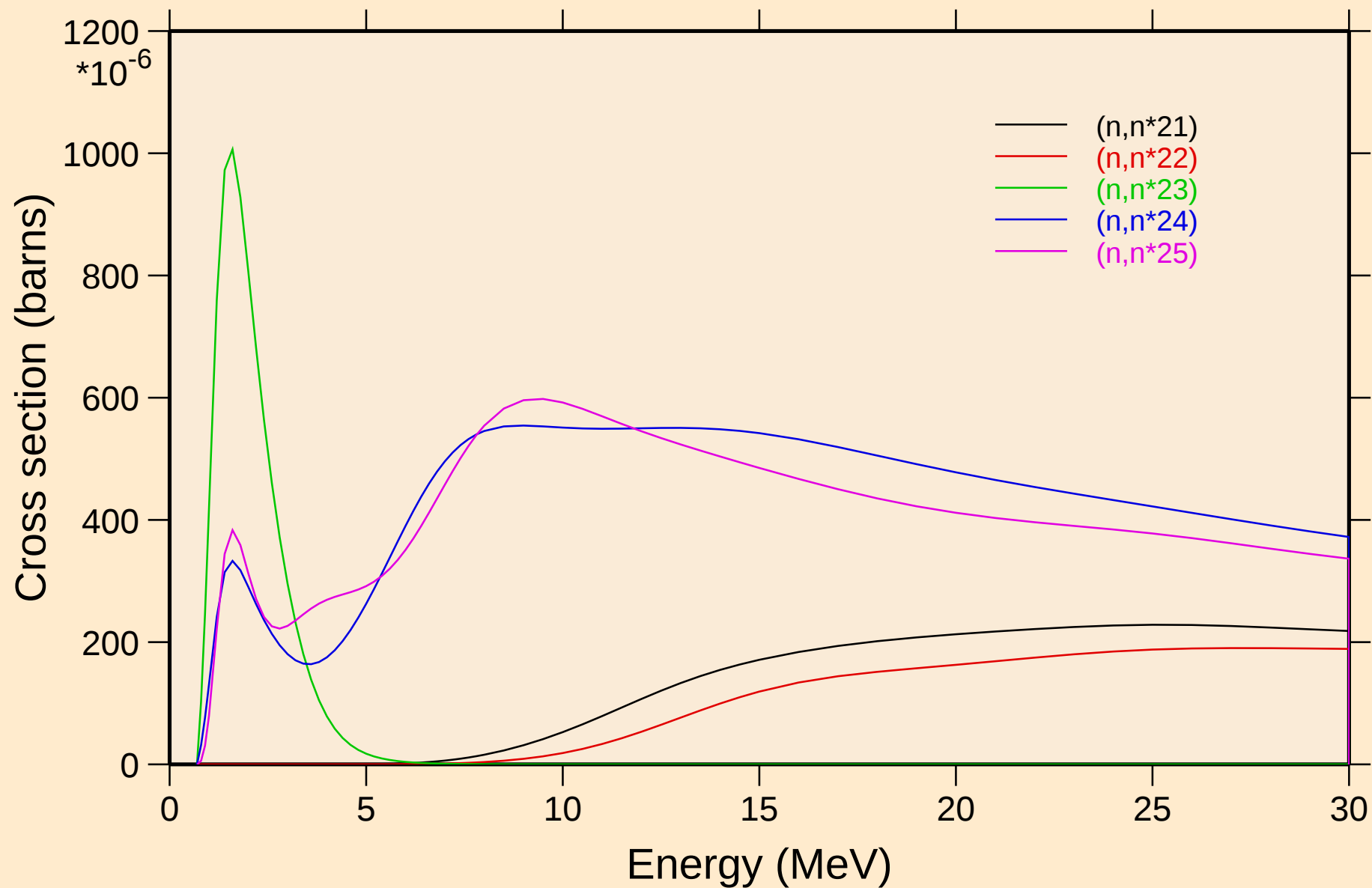
Inelastic levels



PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

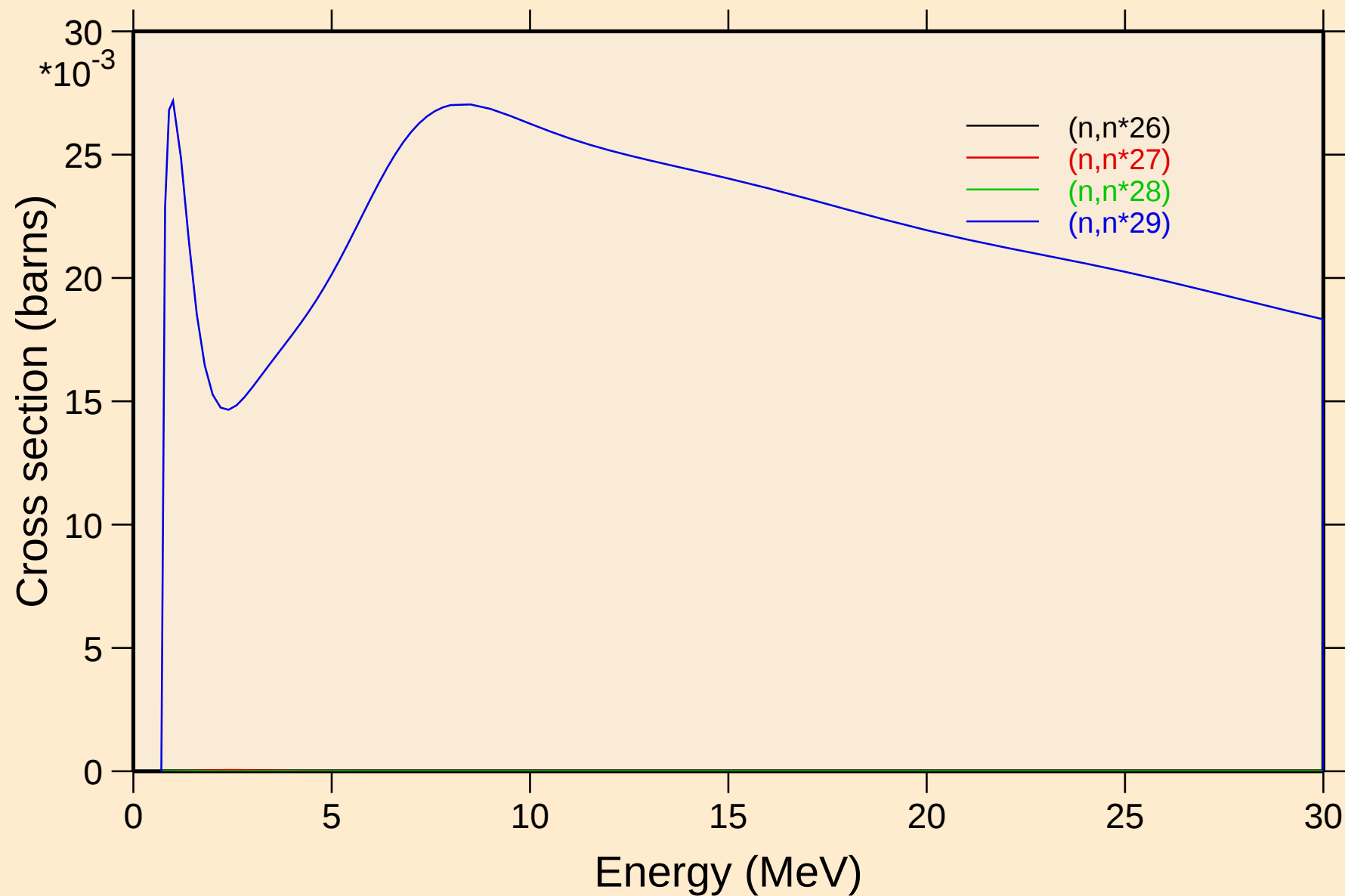


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



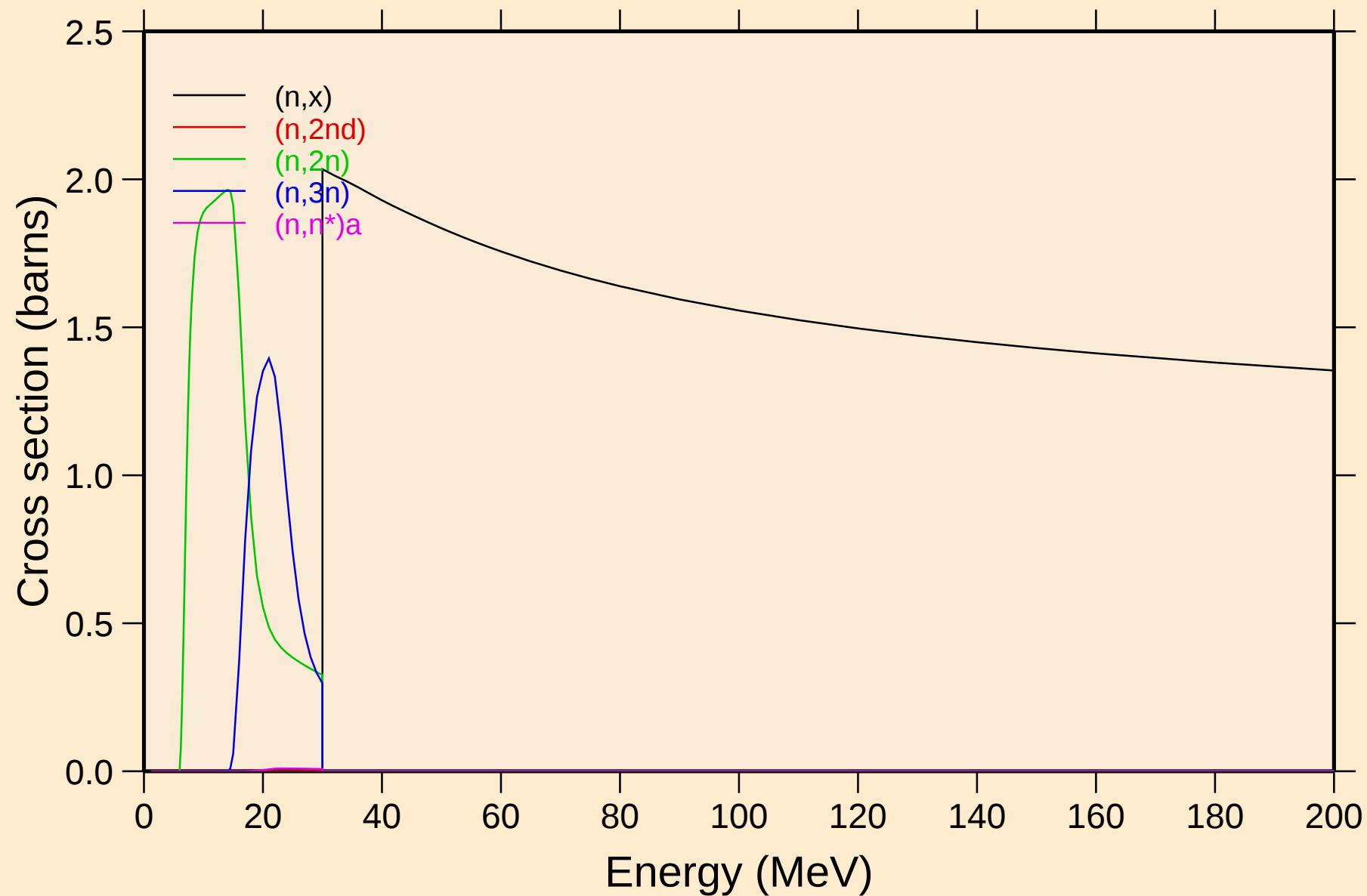
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

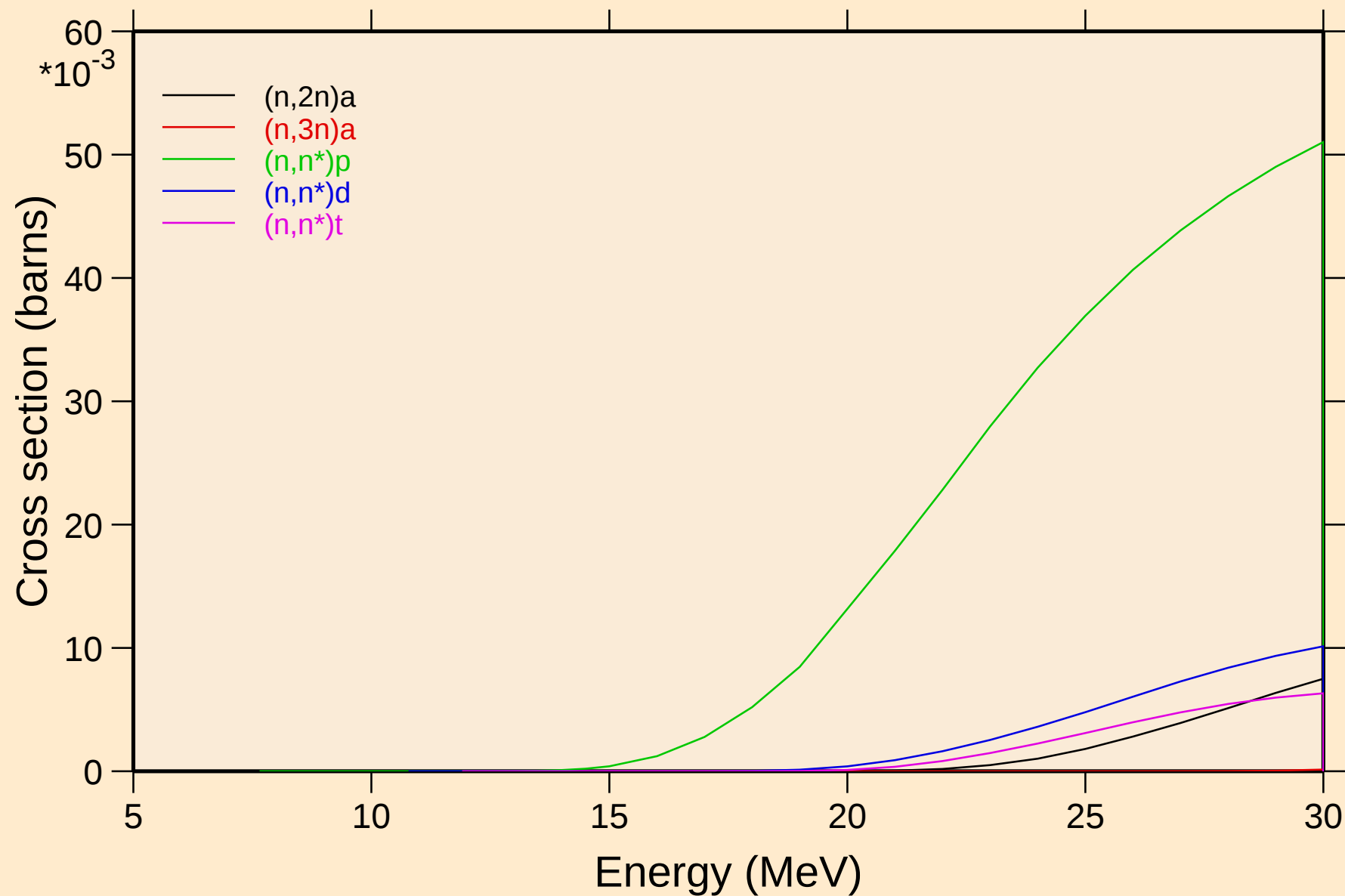


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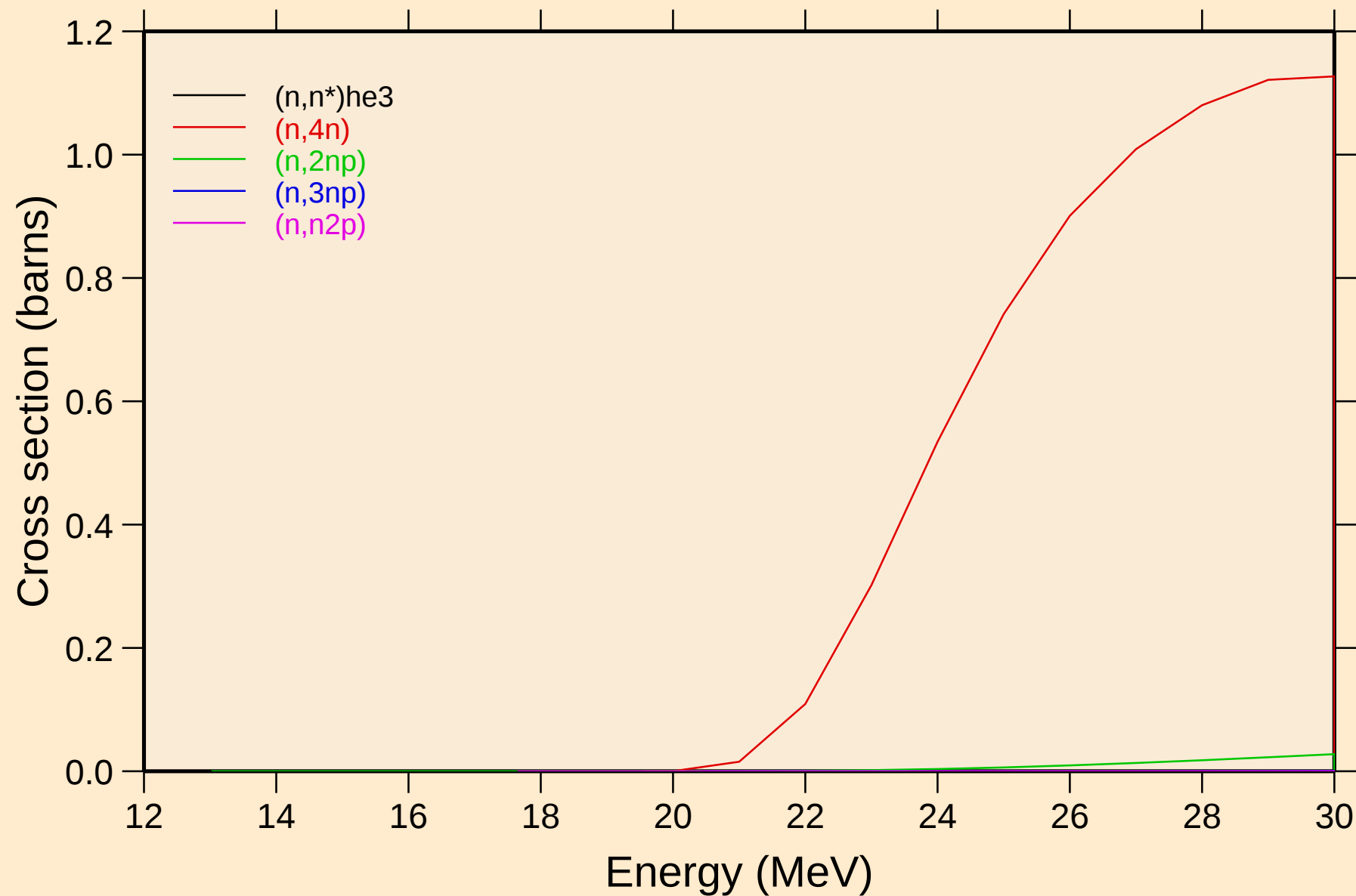
Threshold reactions



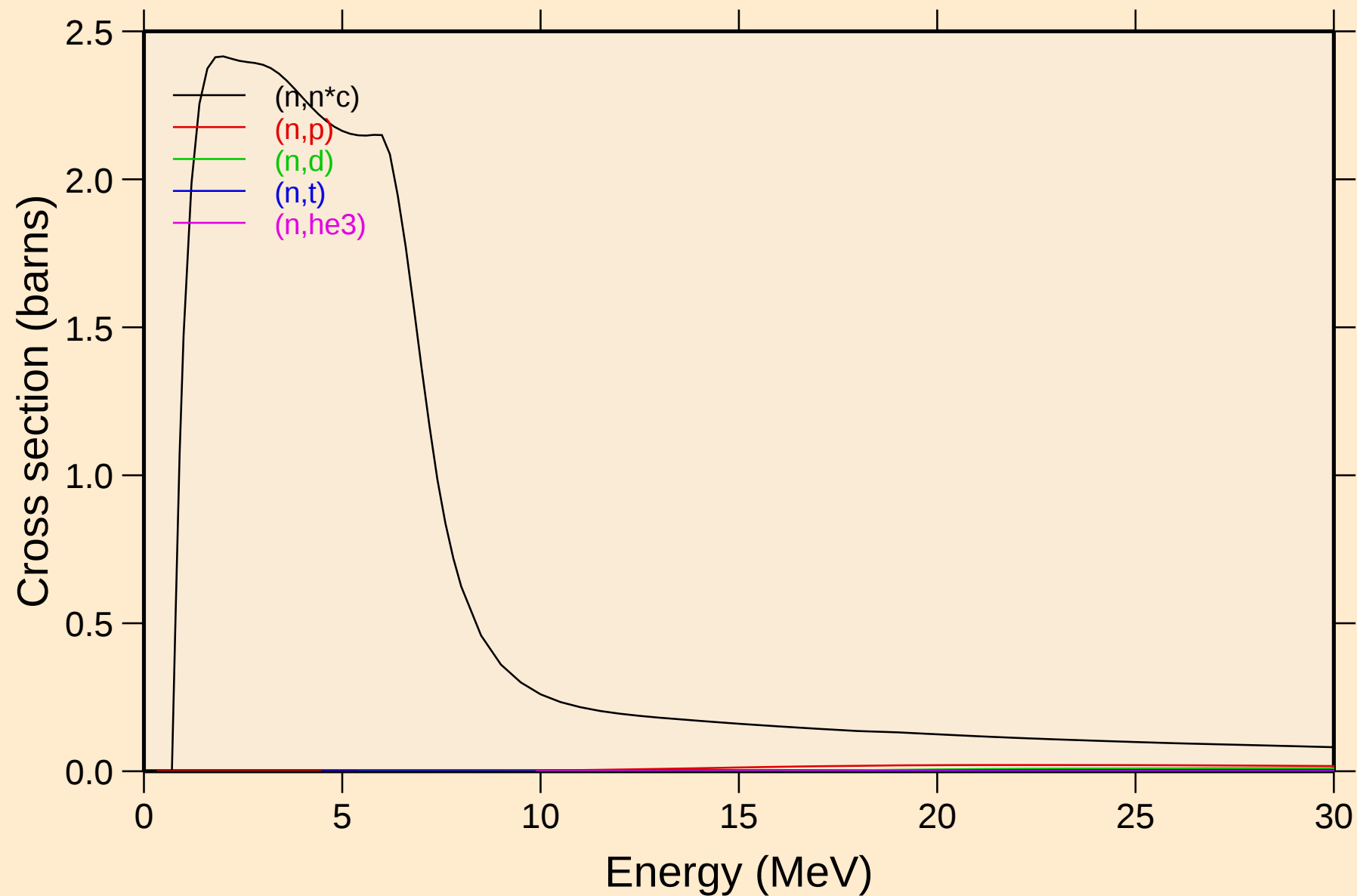
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

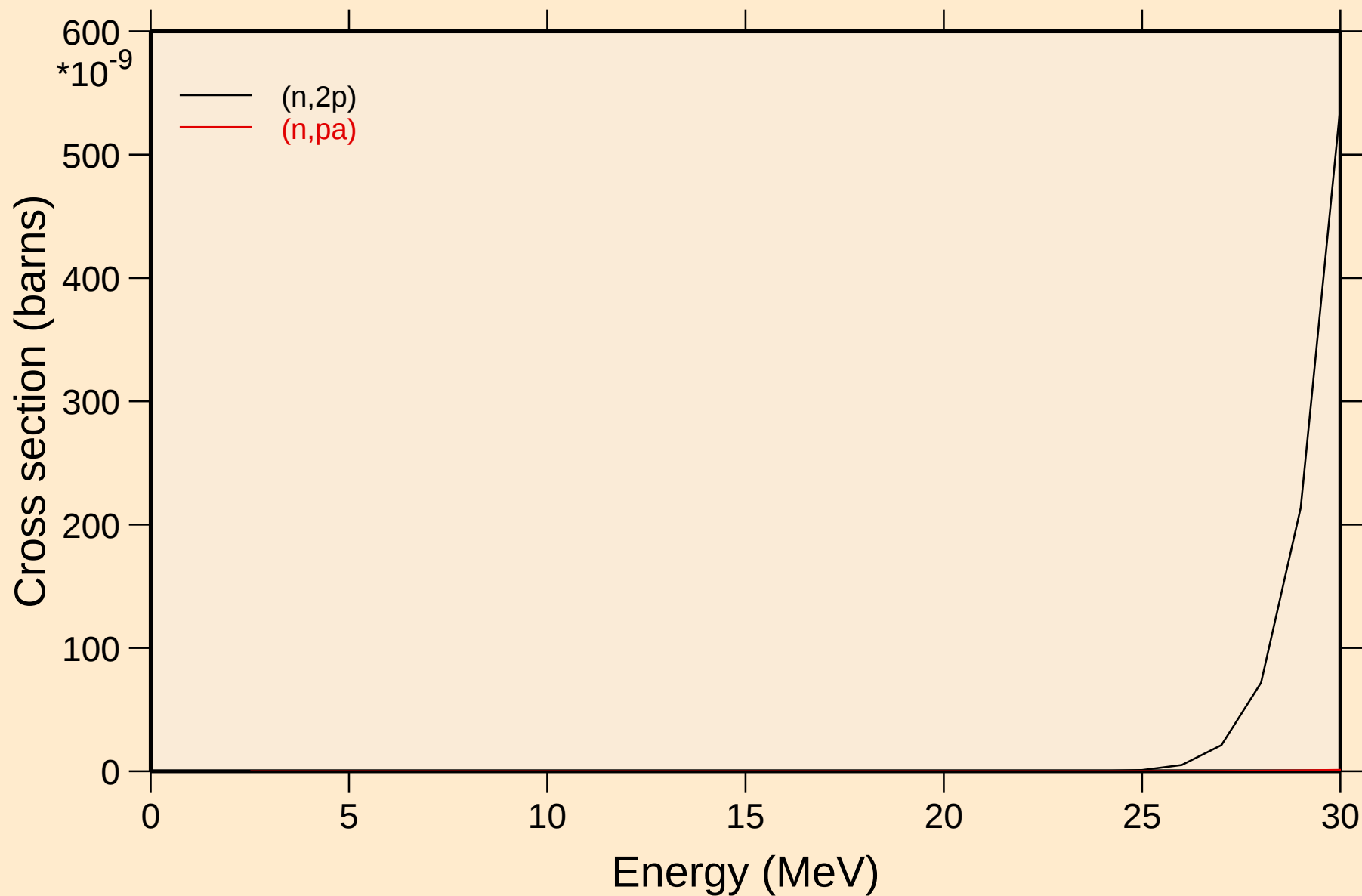


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

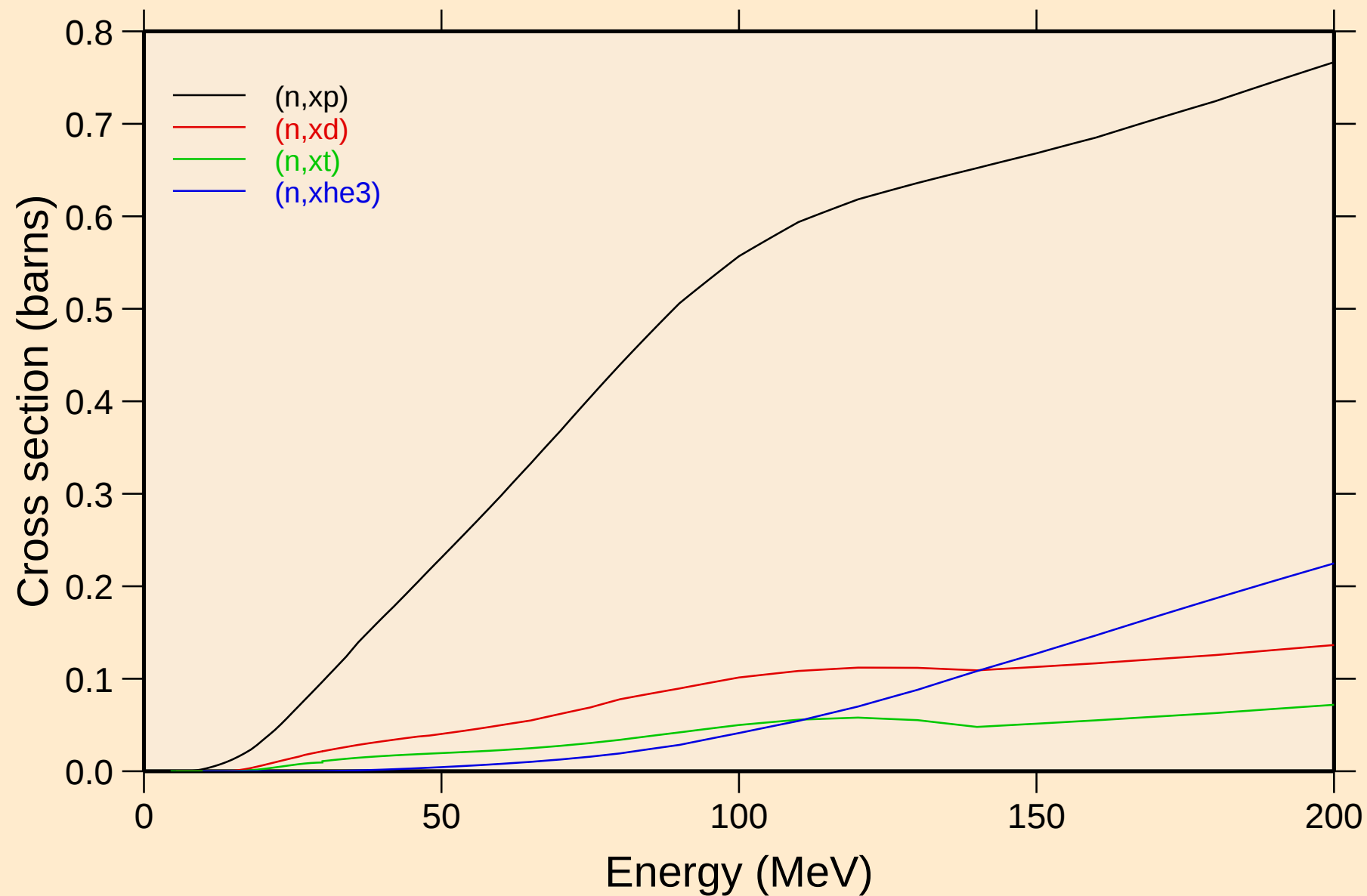


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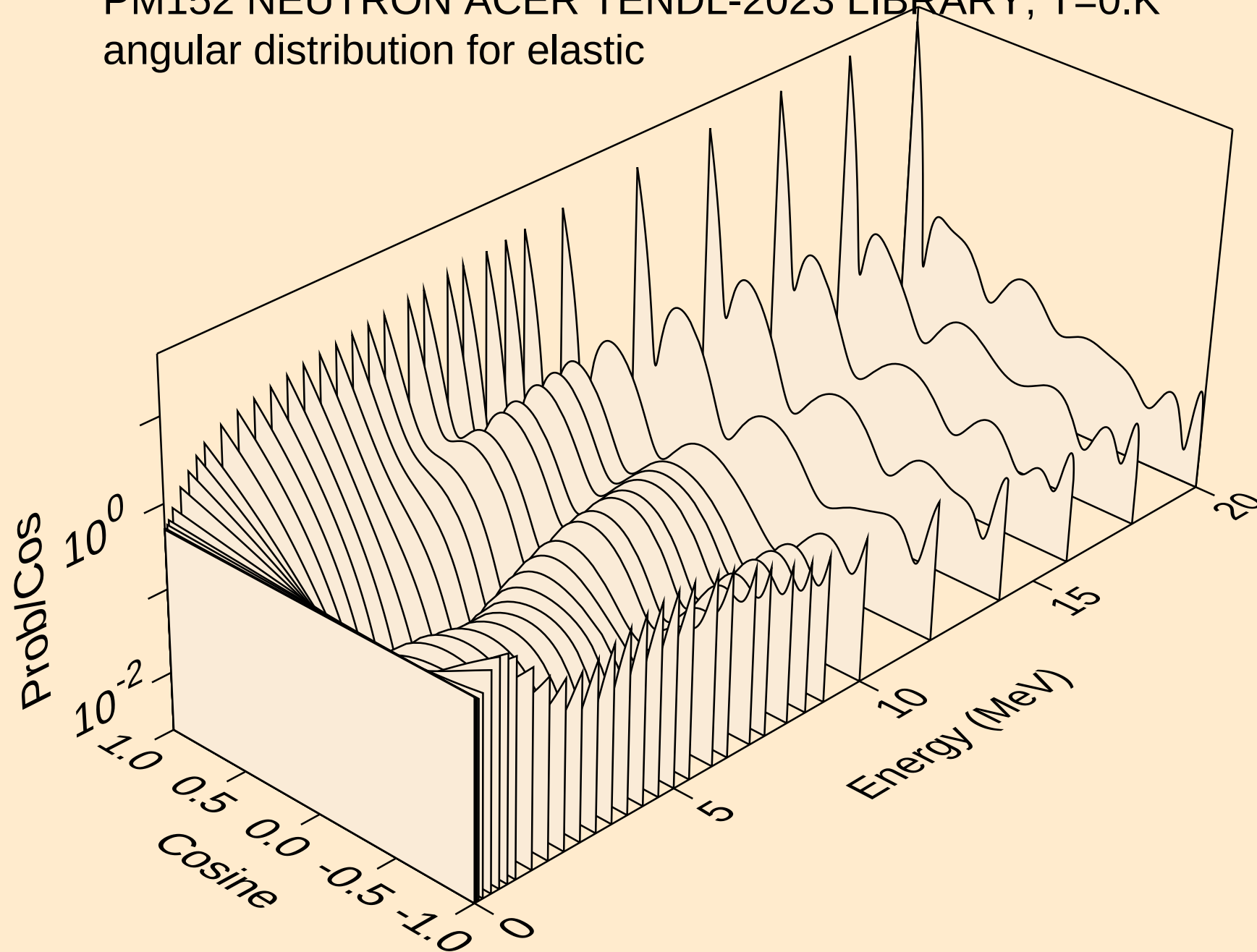
Threshold reactions



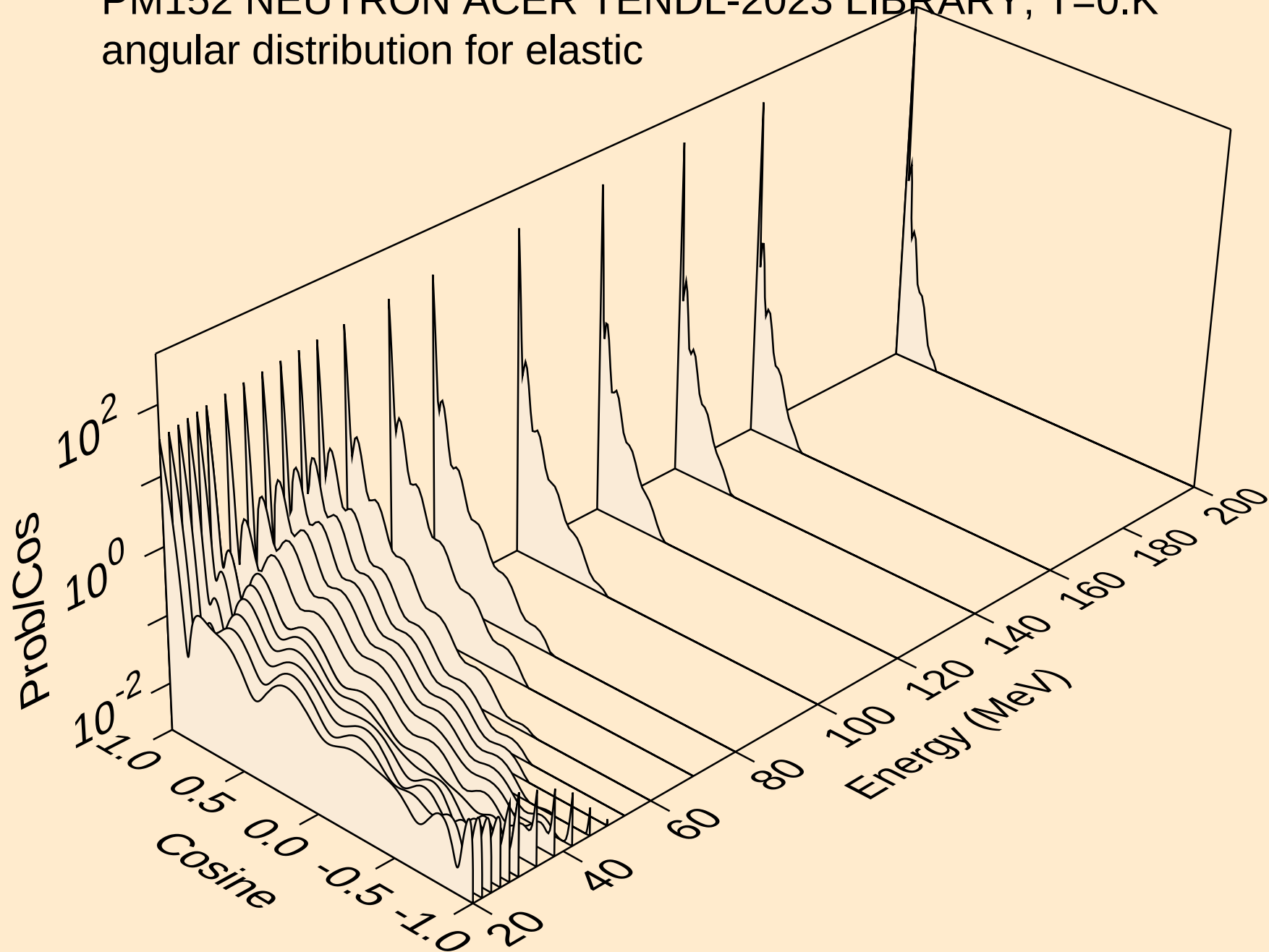
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Threshold reactions



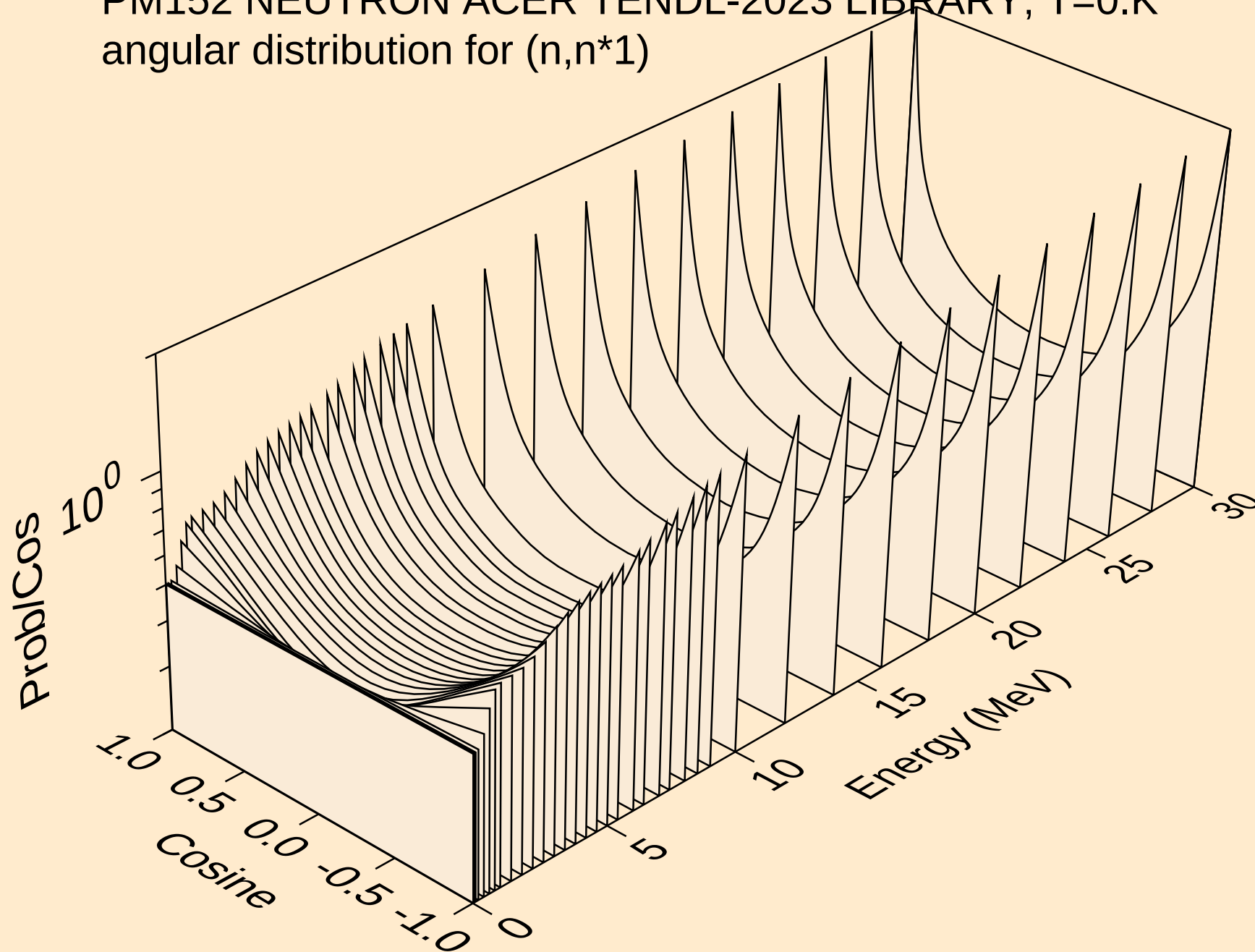
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



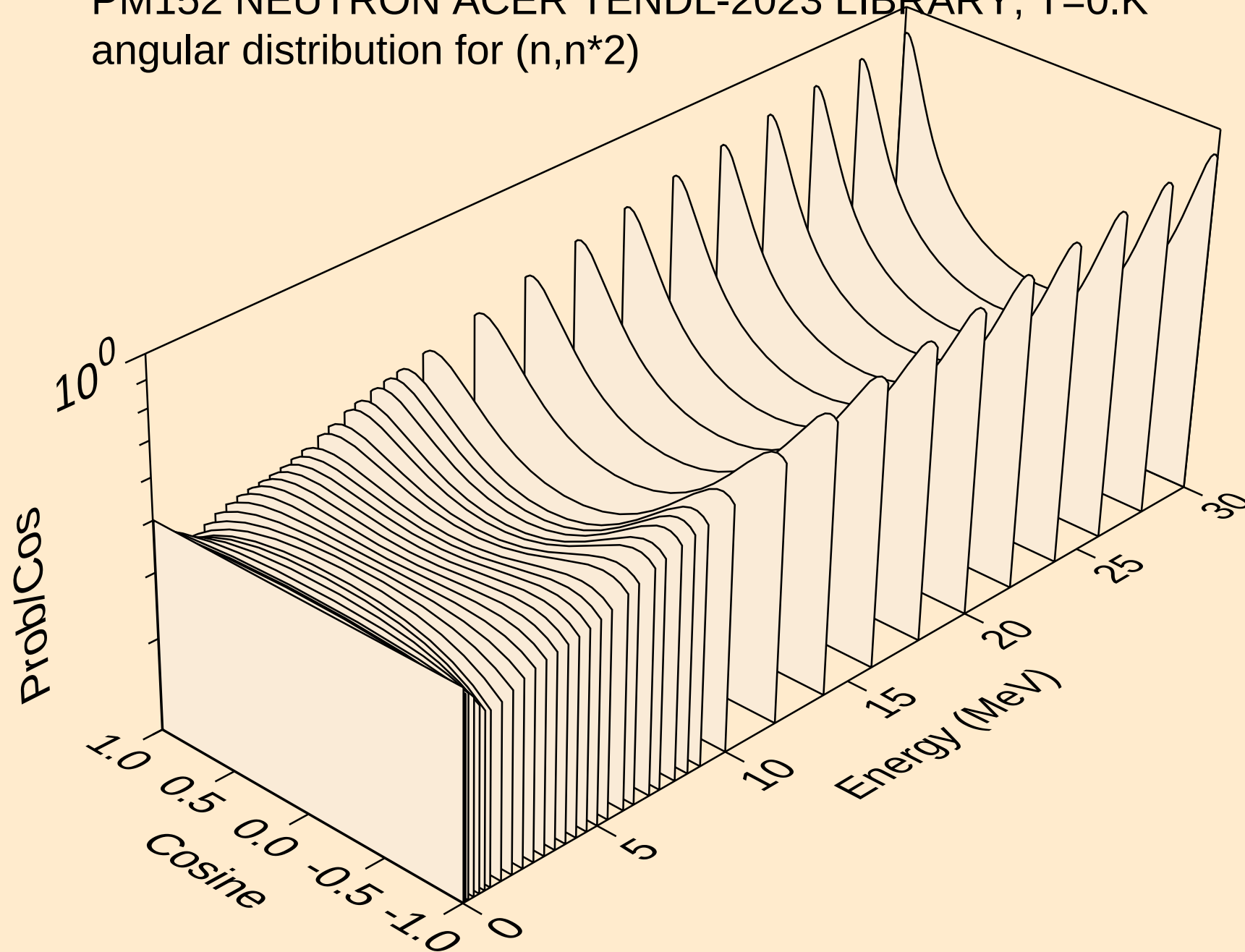
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angular distribution for elastic



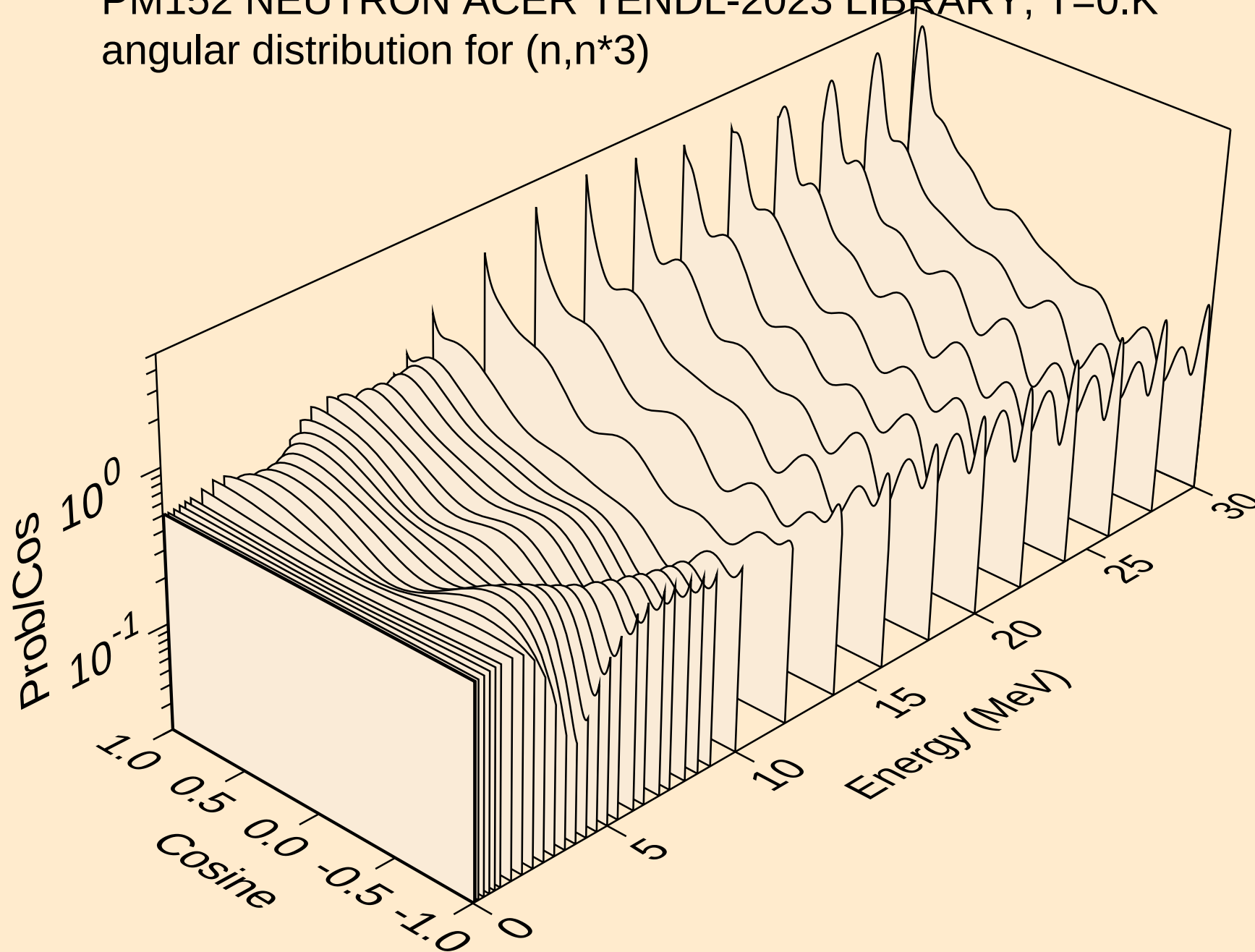
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



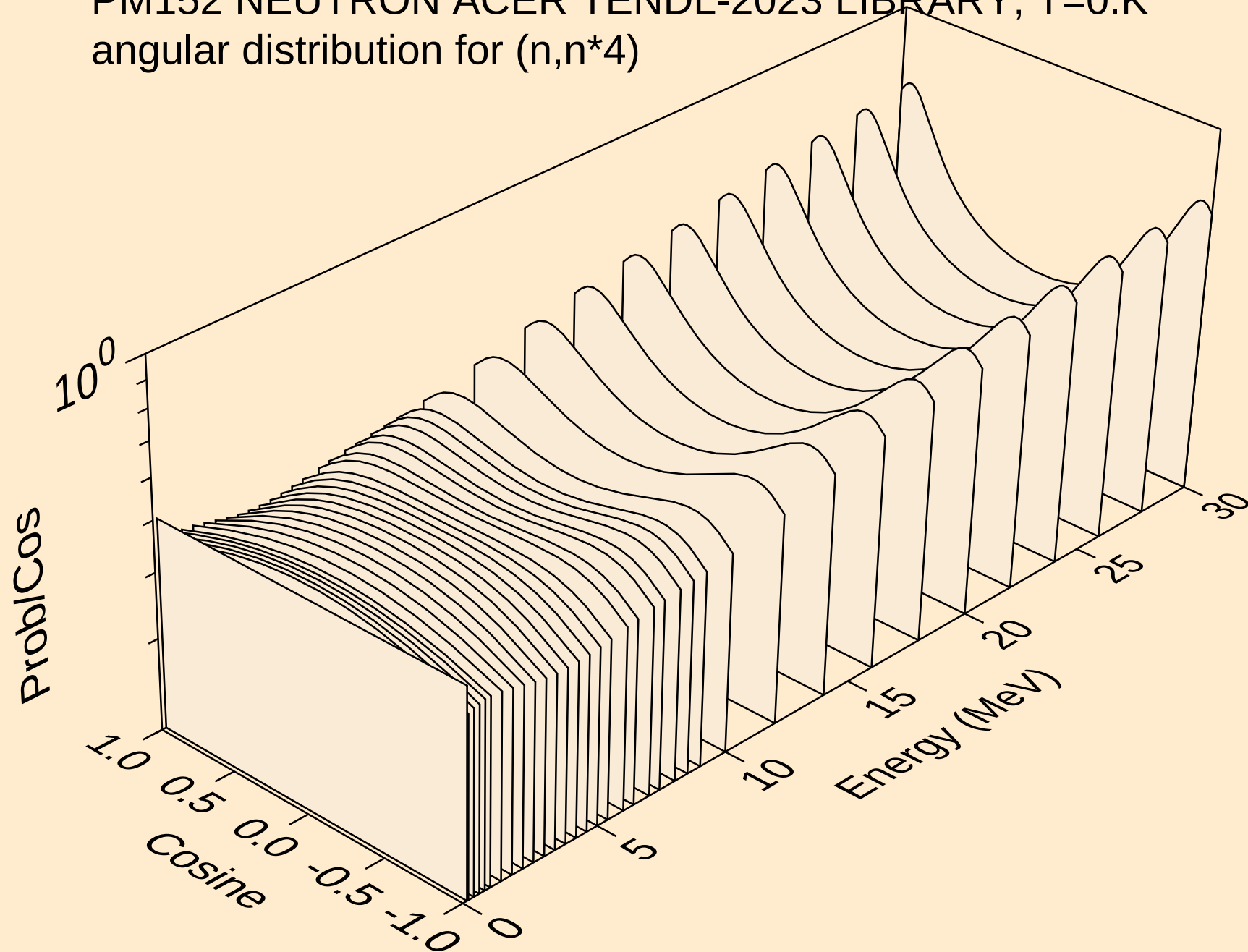
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



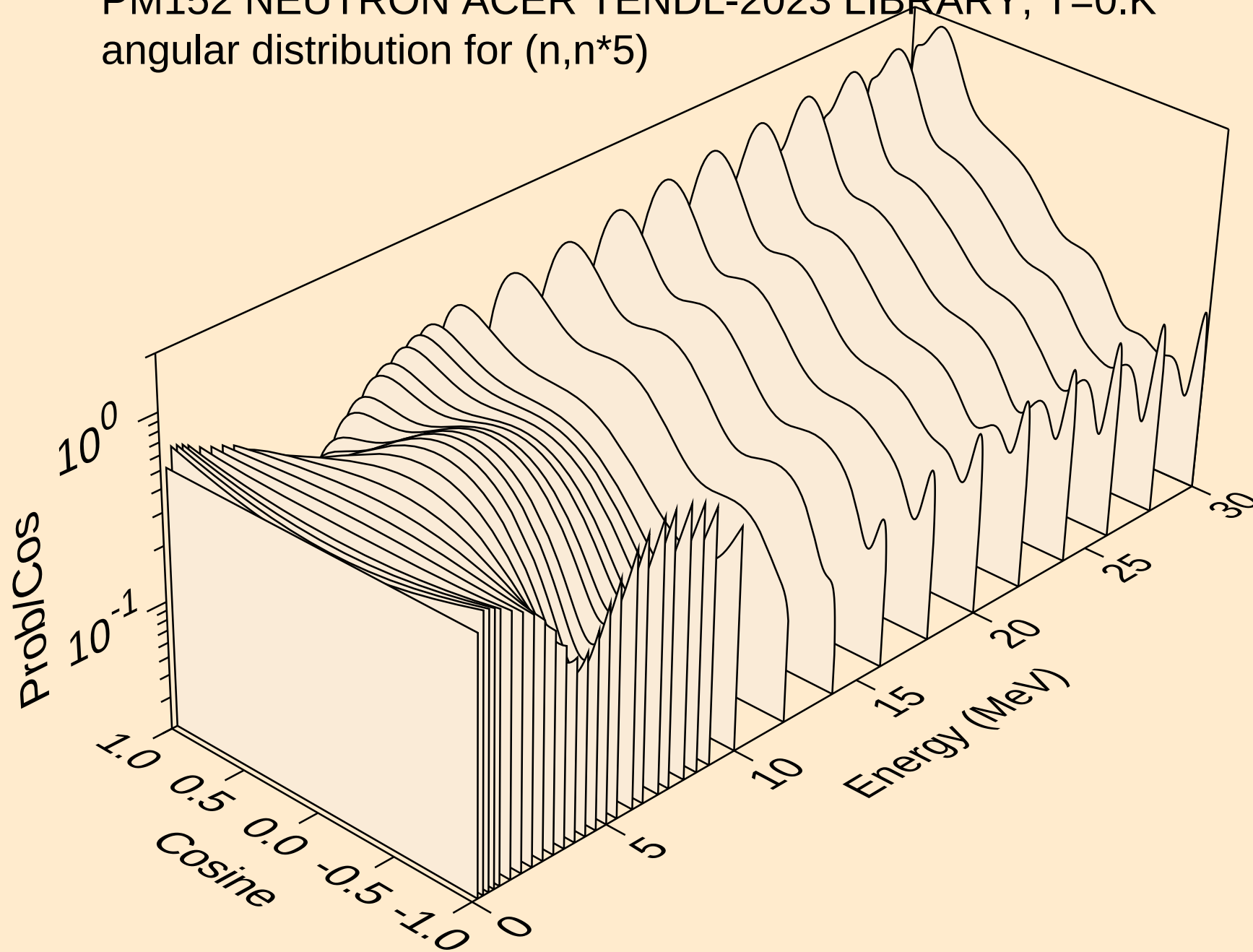
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



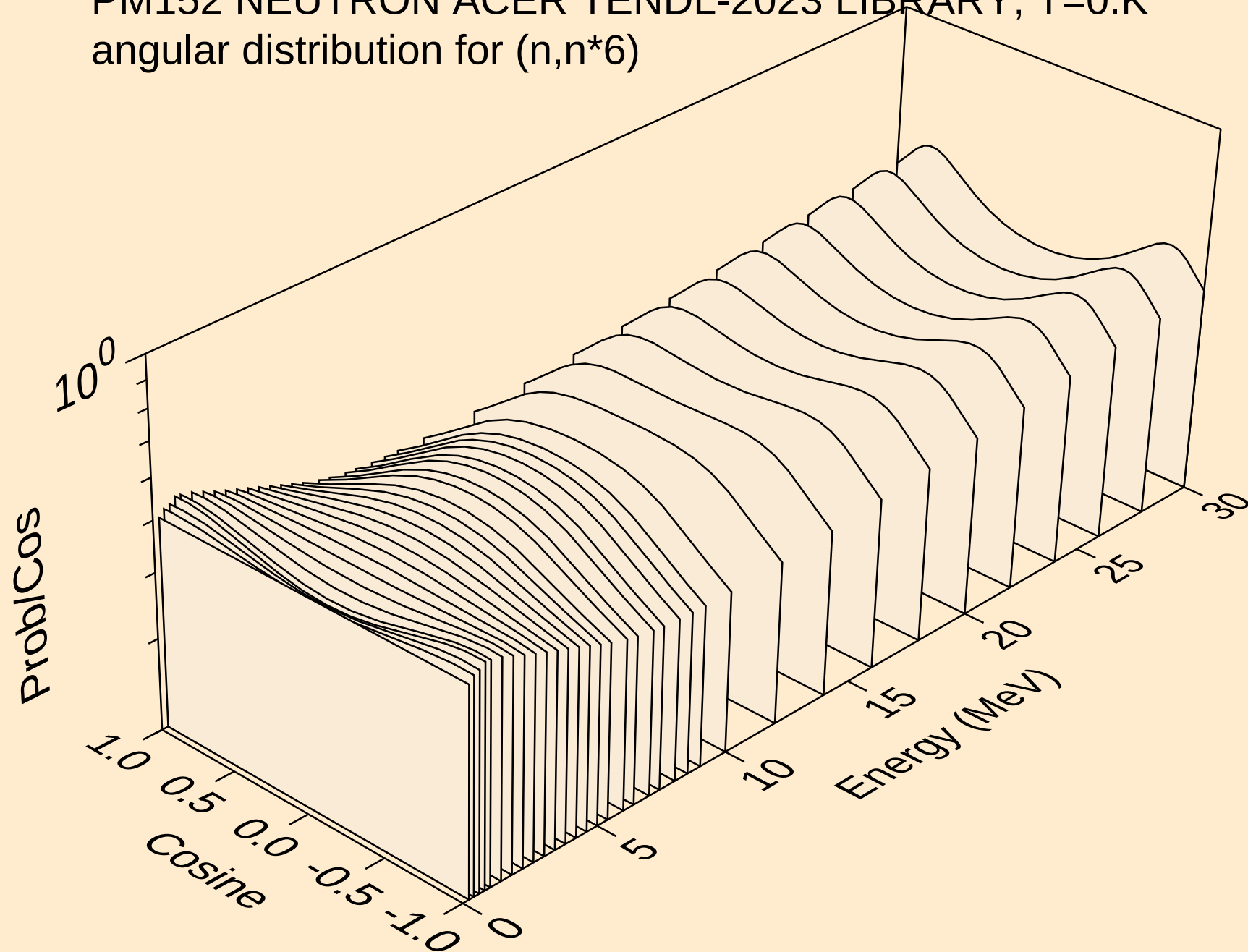
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angular distribution for (n,n*4)



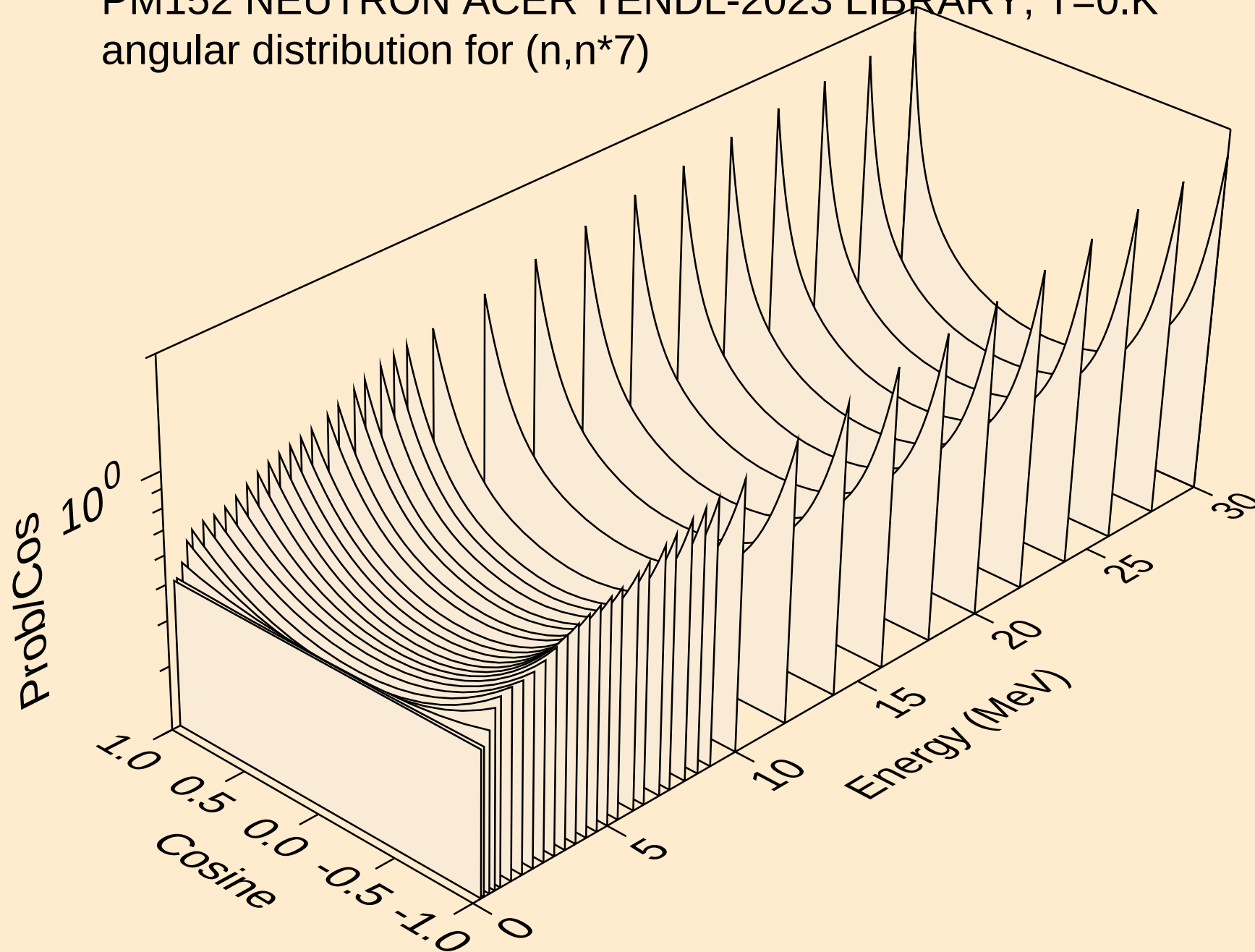
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angular distribution for (n,n*5)



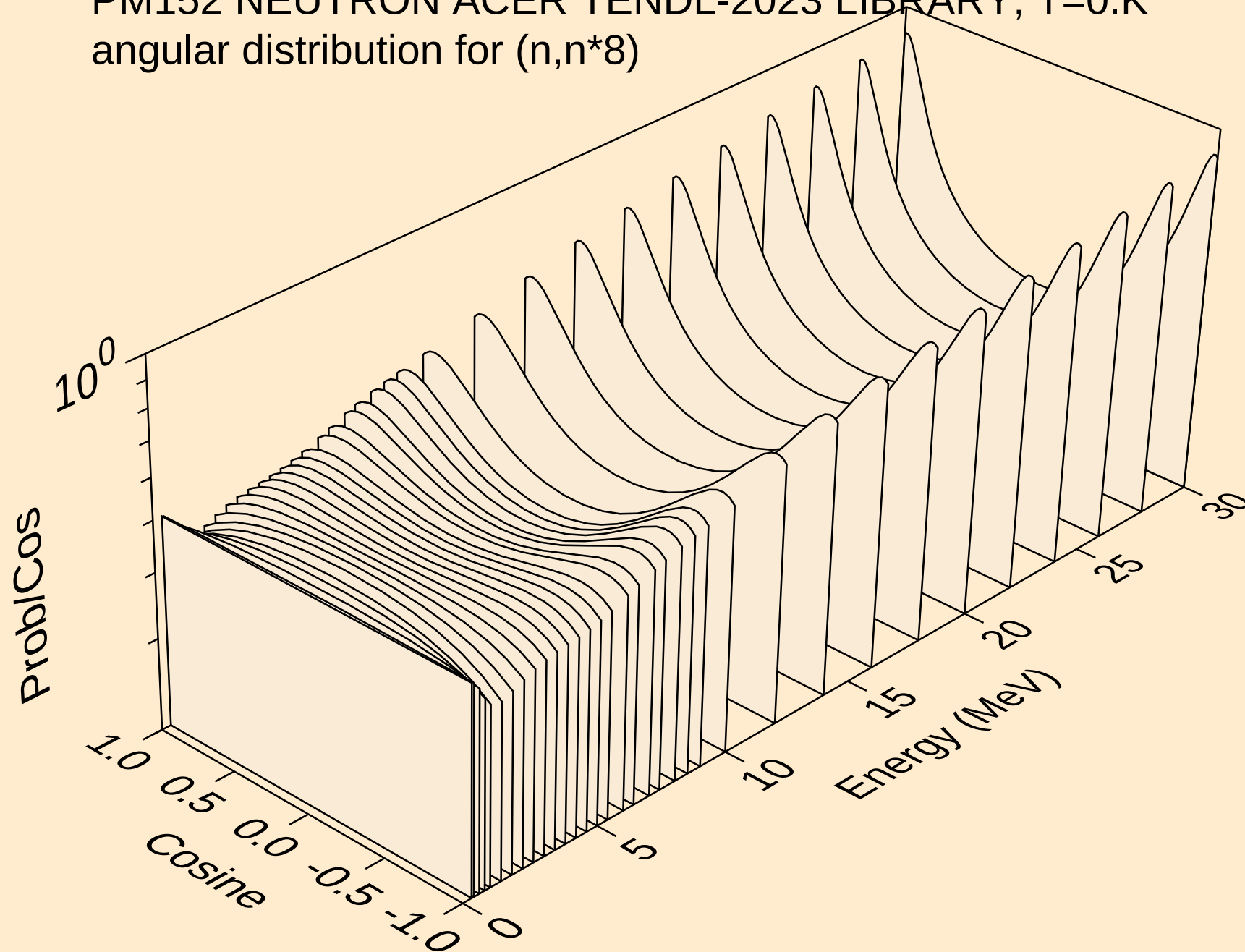
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



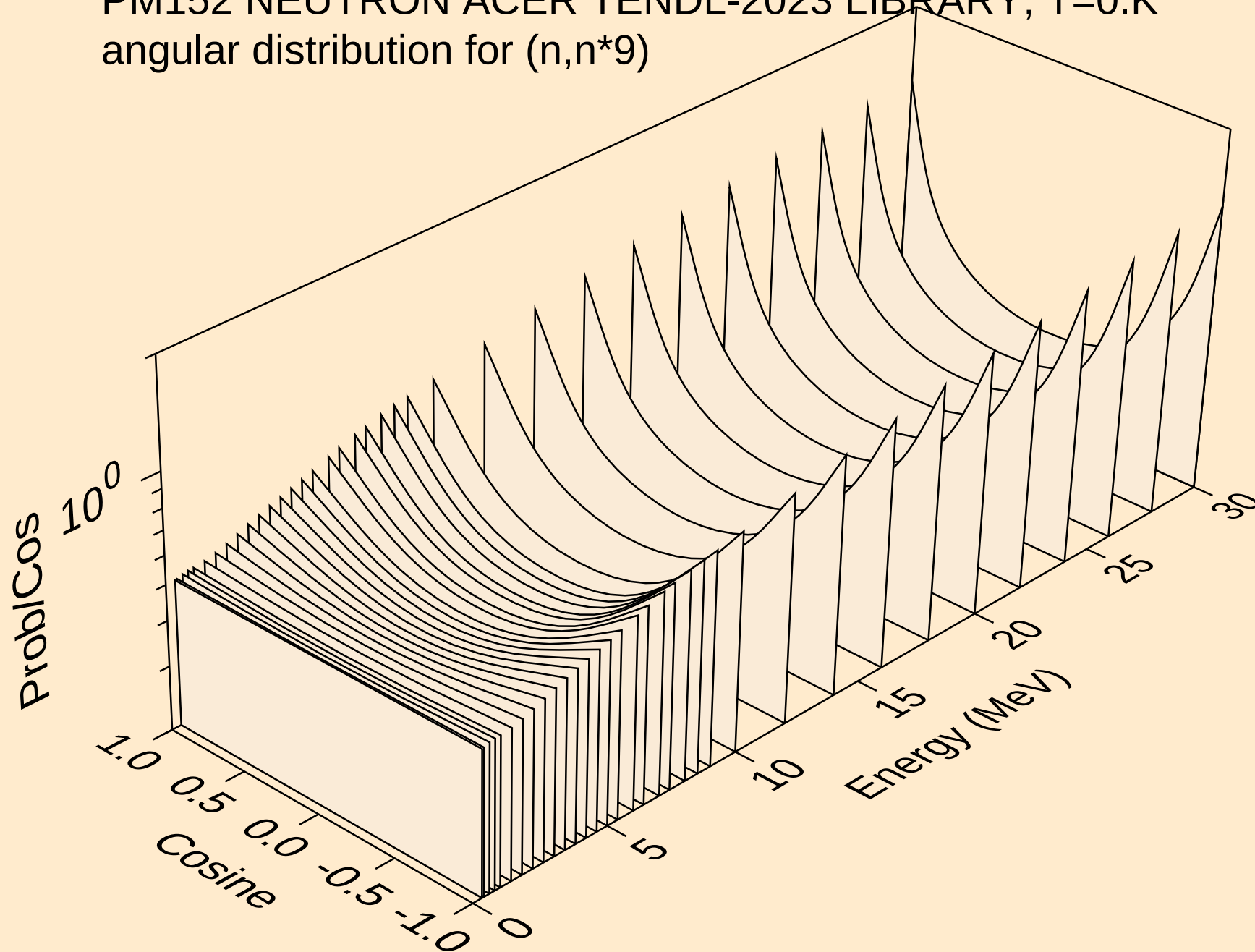
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angular distribution for (n,n*7)



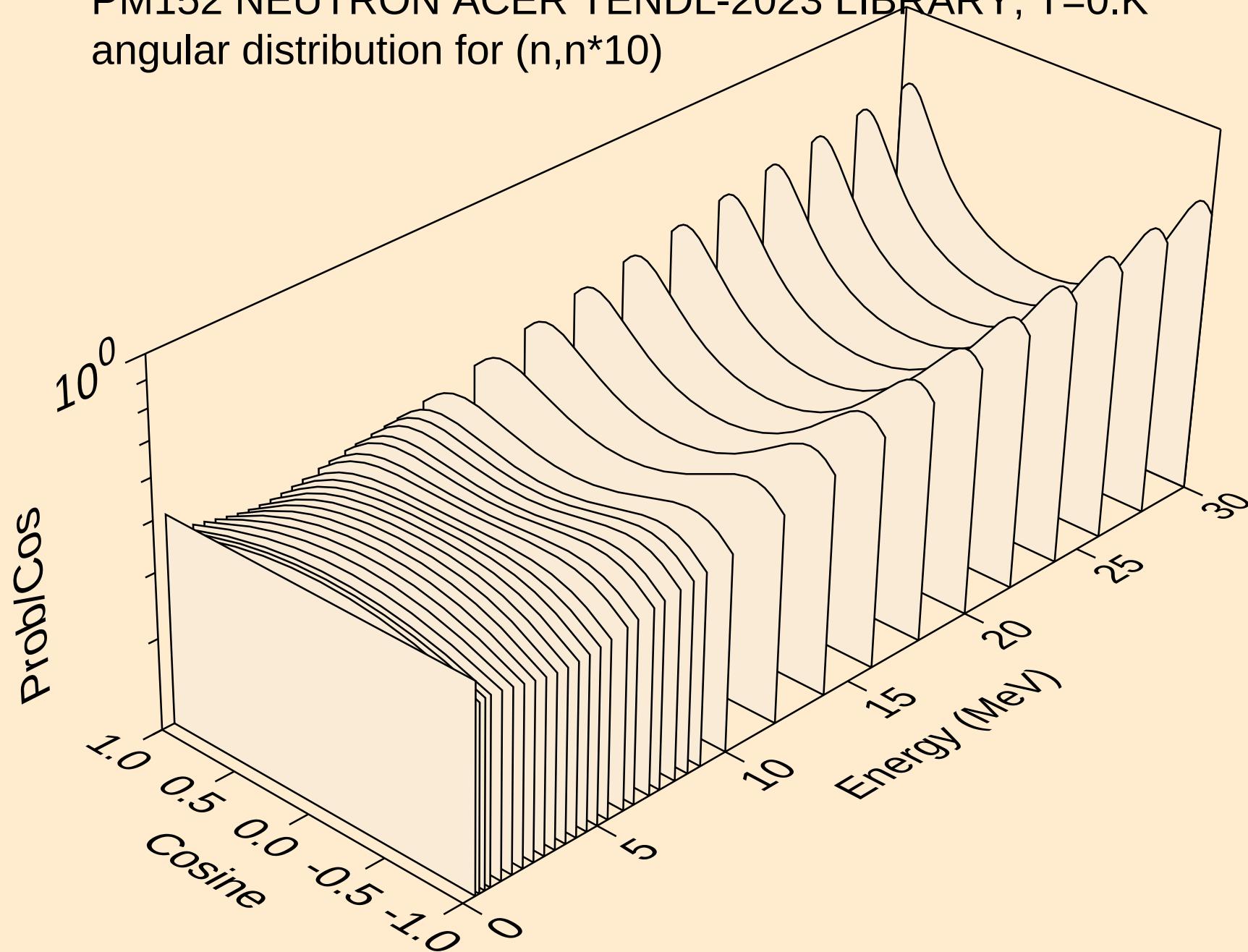
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



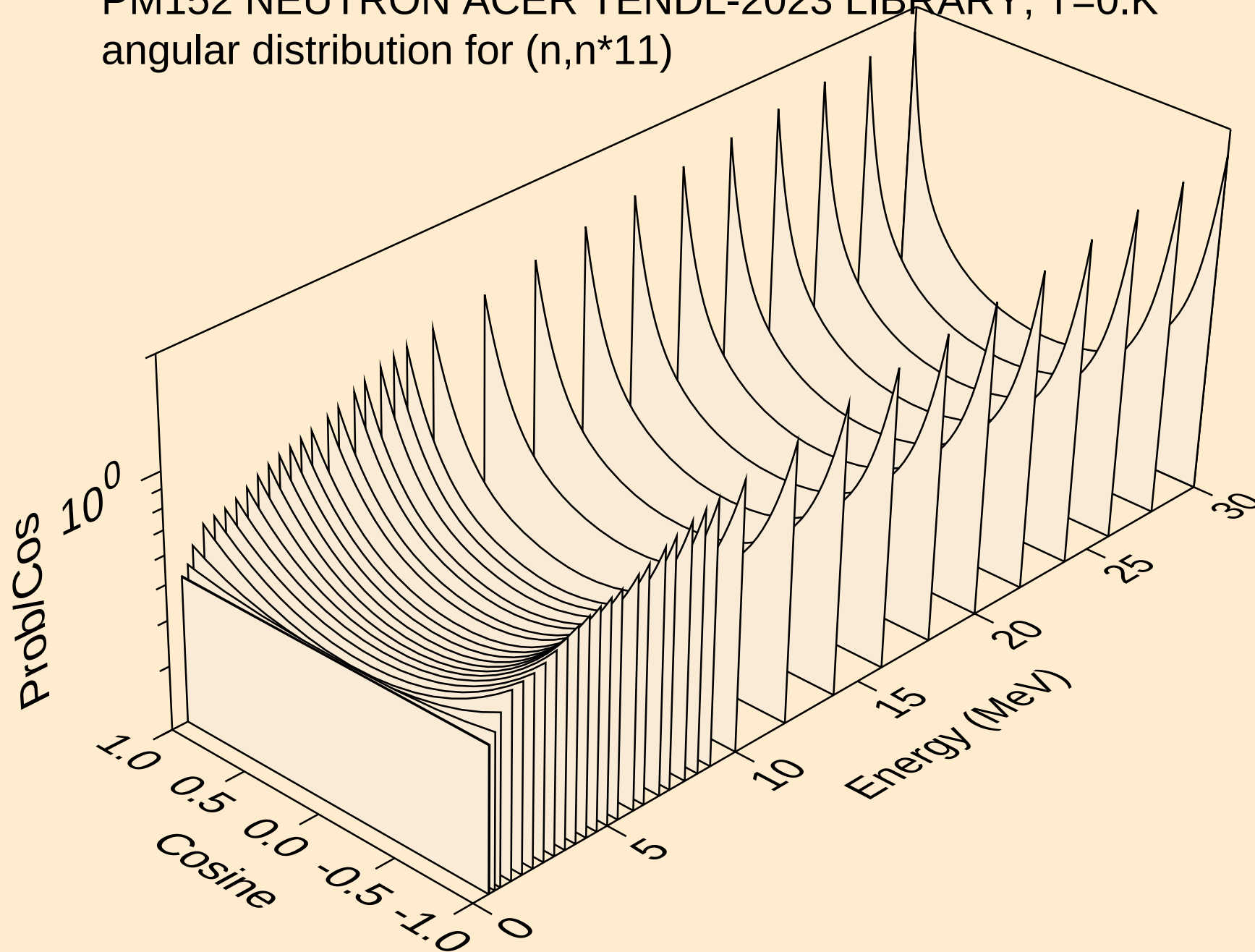
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angular distribution for (n,n*9)



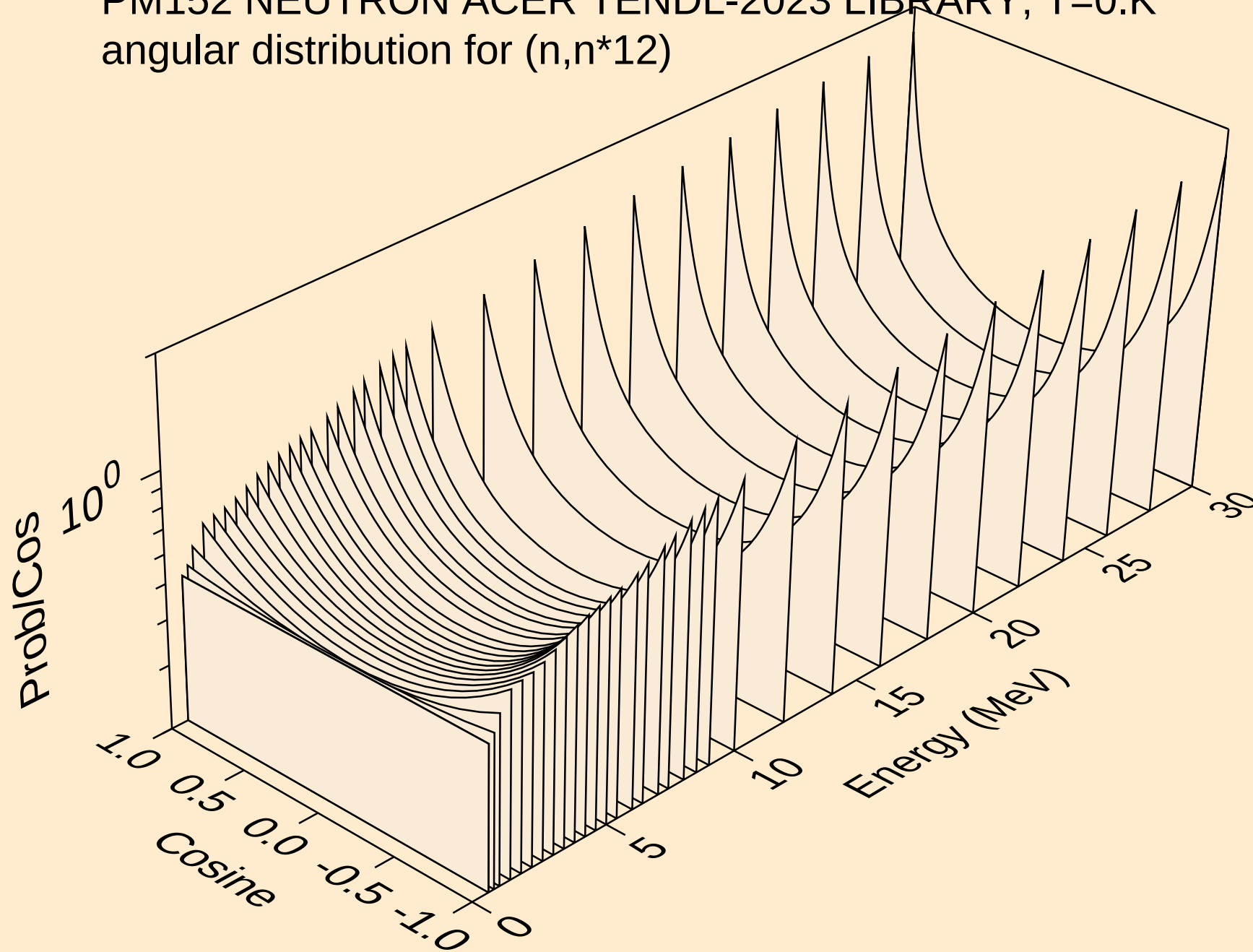
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angular distribution for (n,n*10)



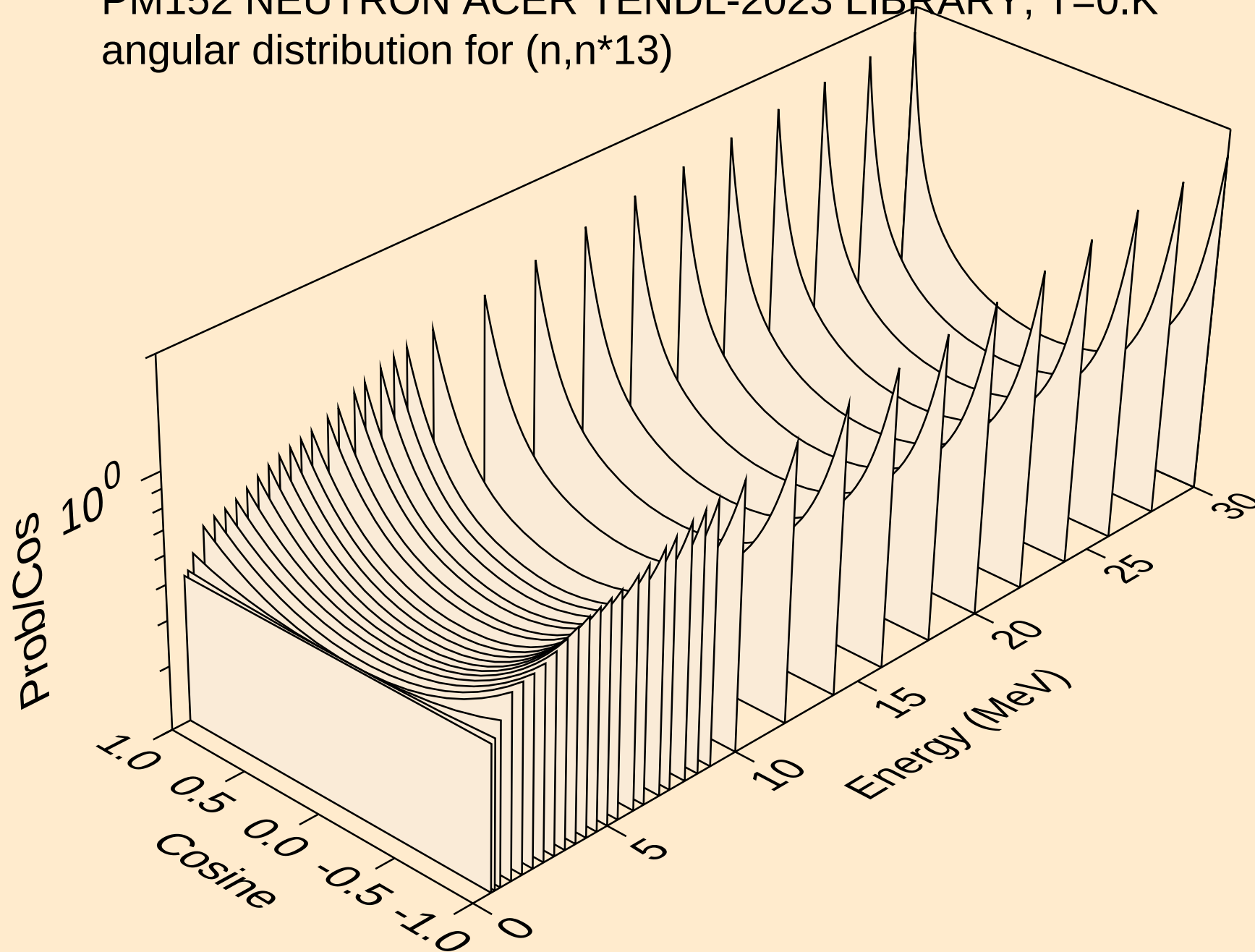
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



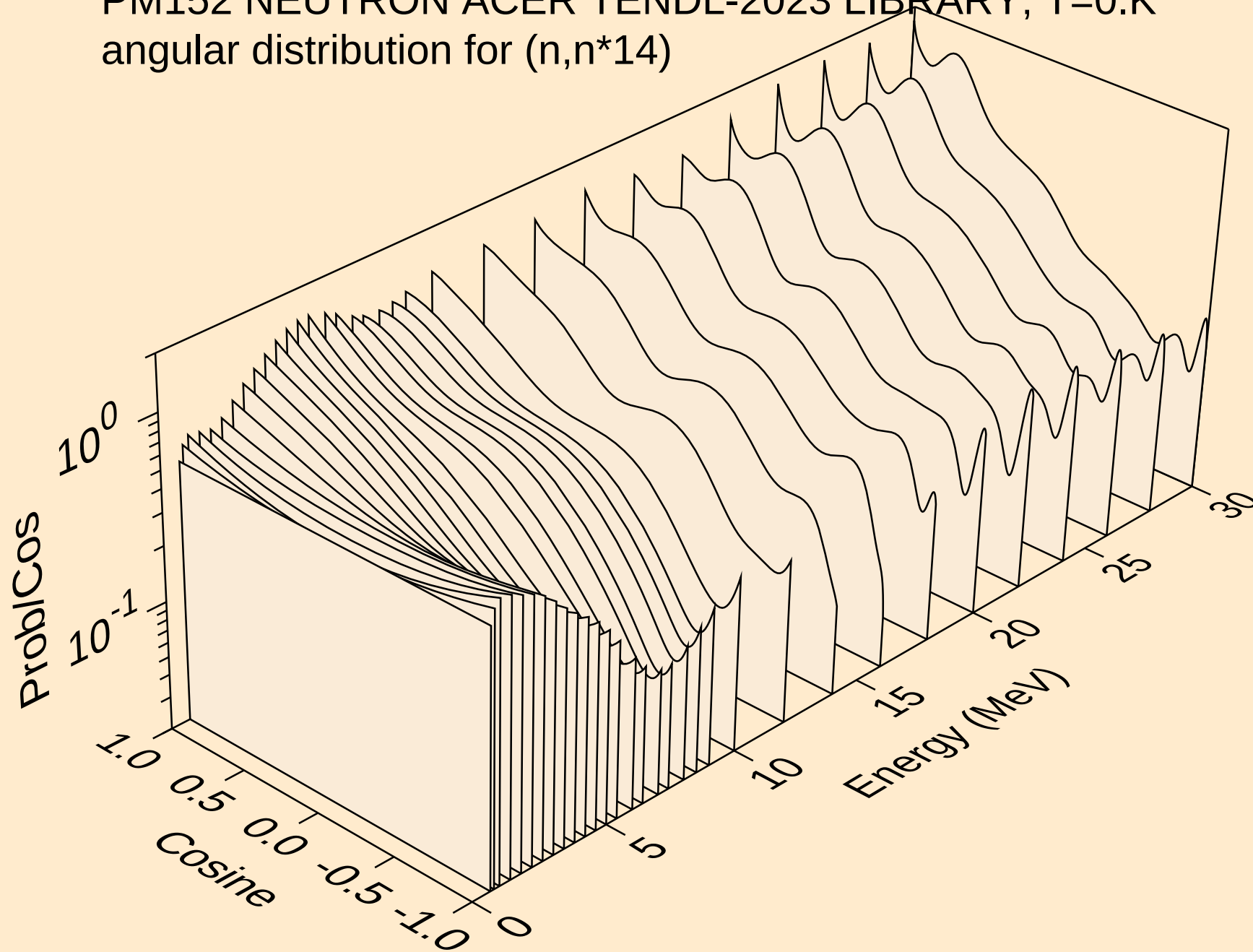
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



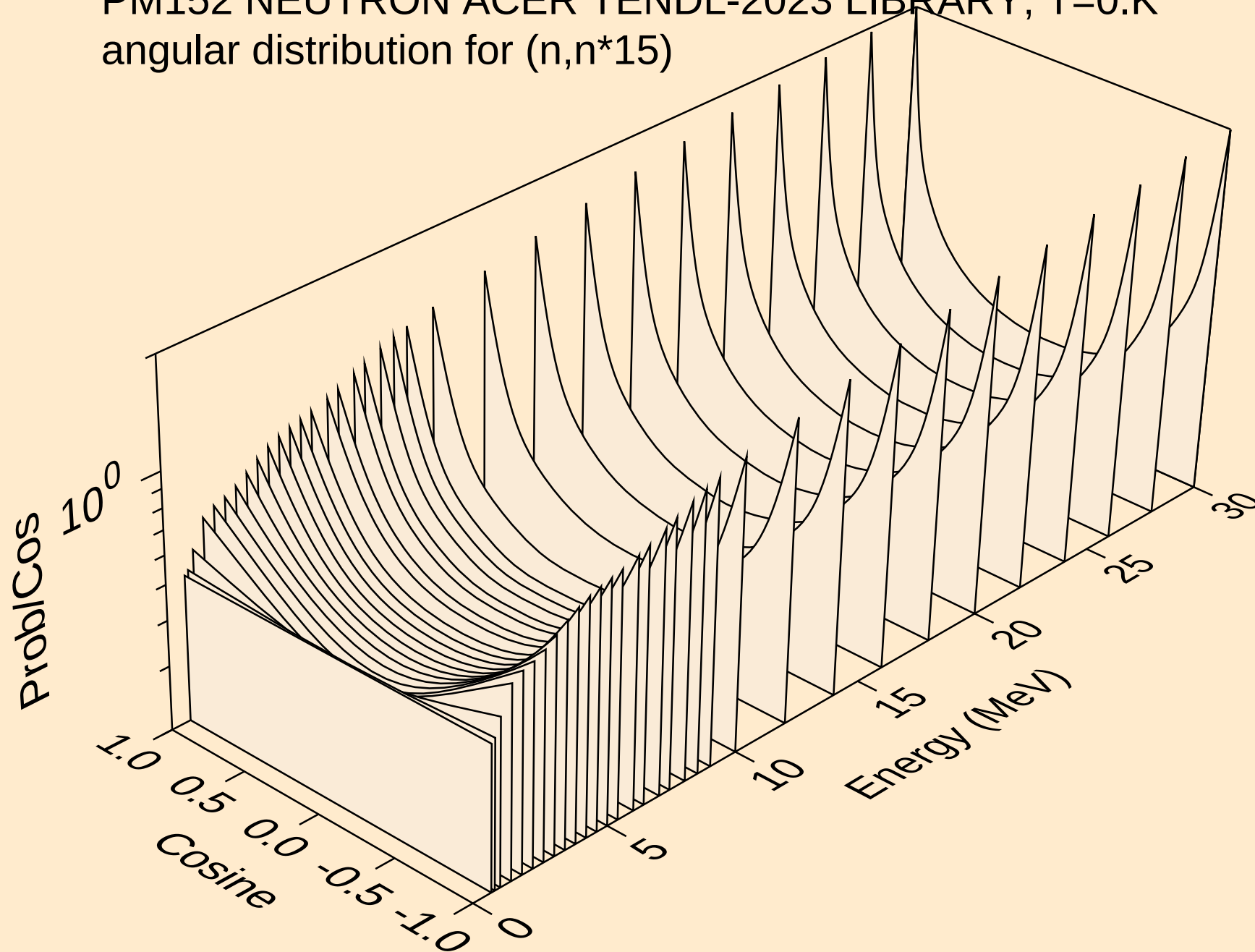
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



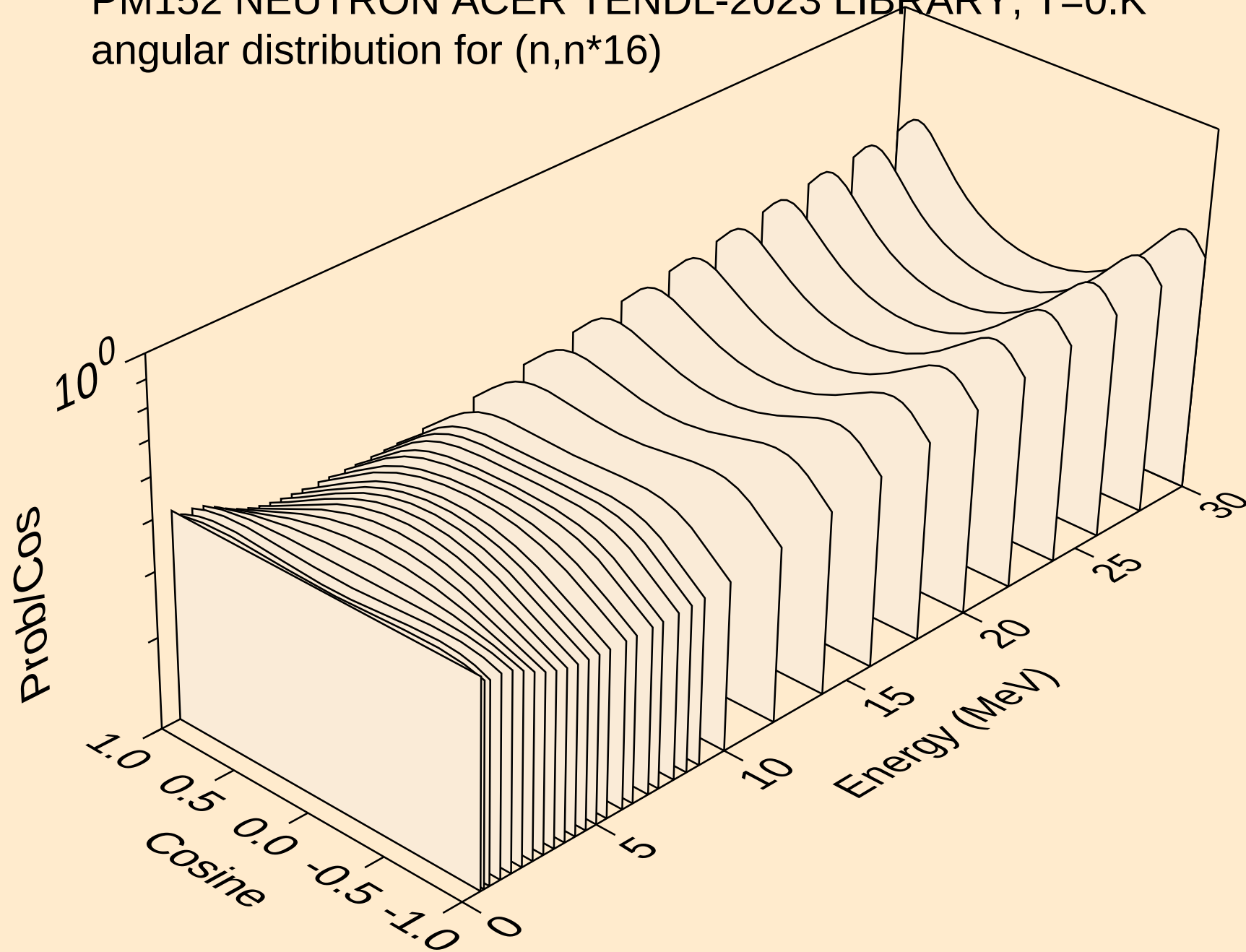
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angular distribution for (n,n*14)



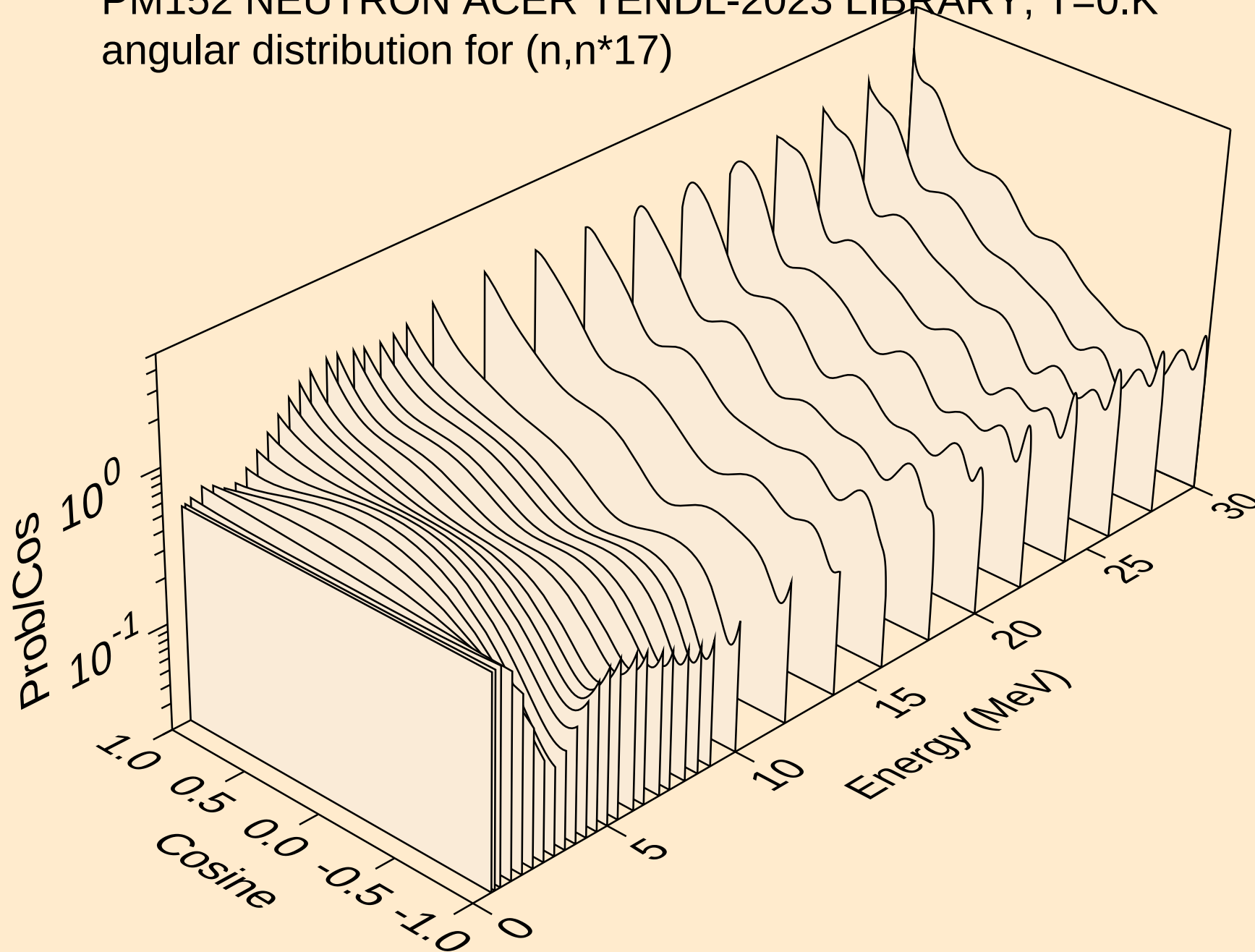
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angular distribution for (n,n*15)



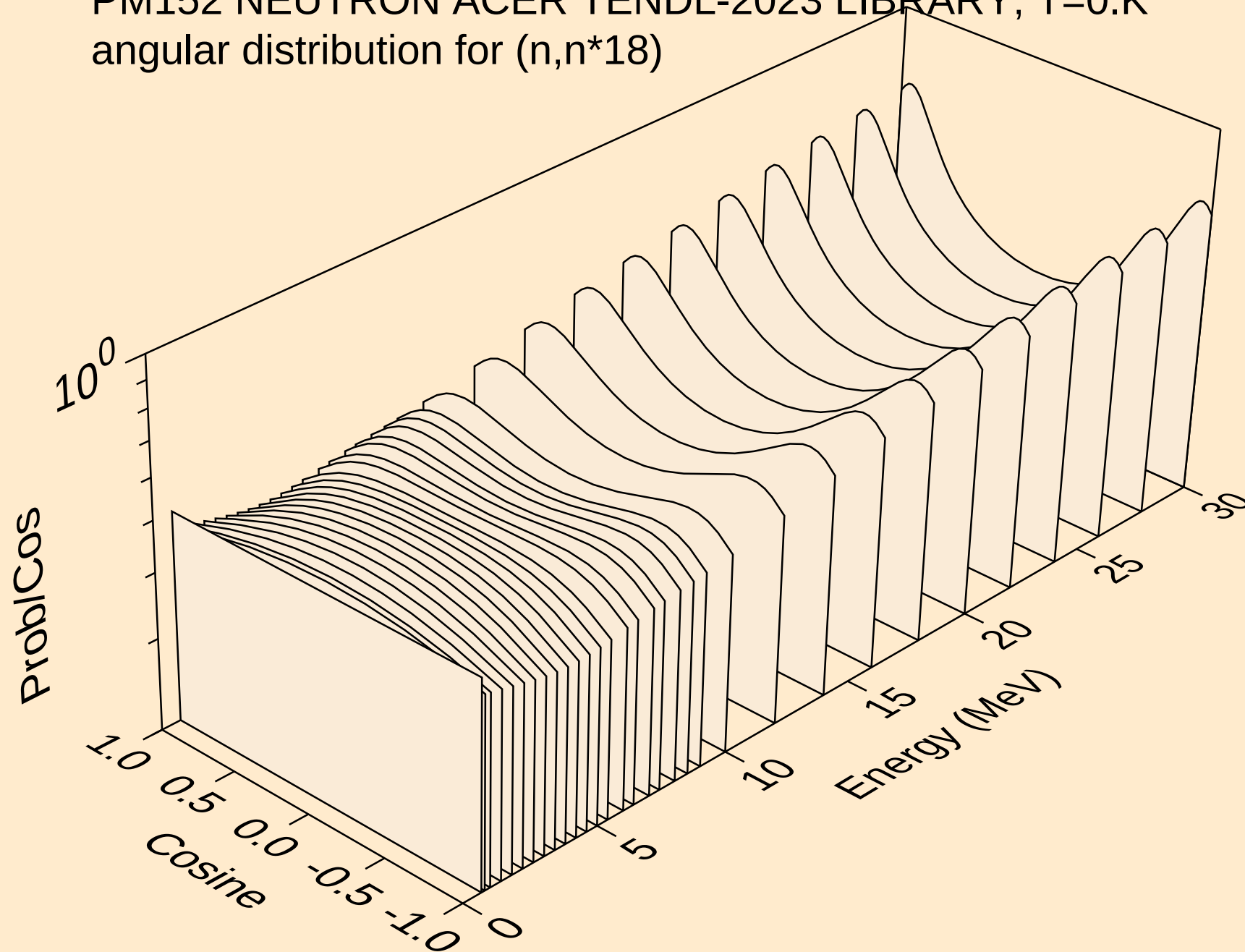
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angular distribution for (n,n*16)



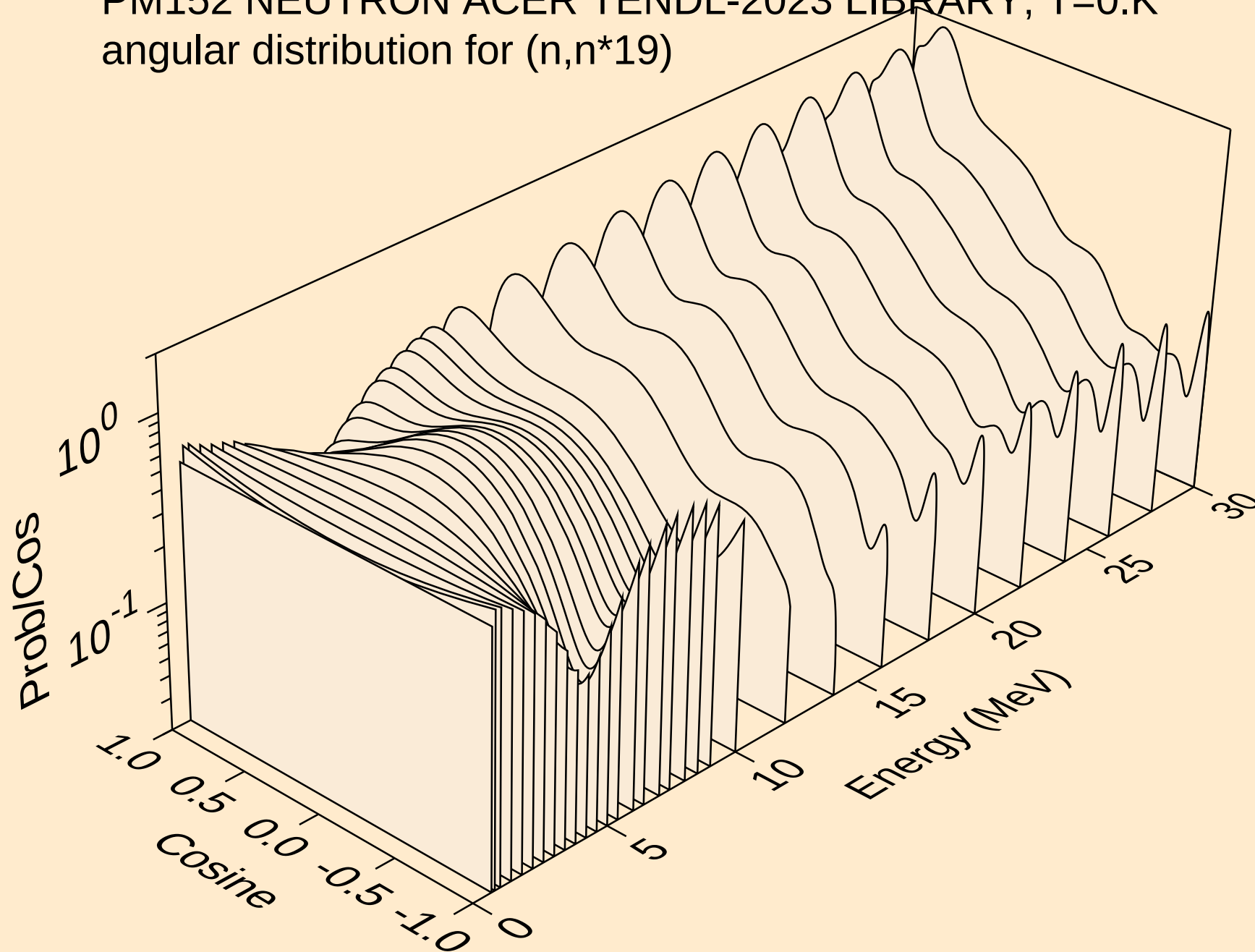
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angular distribution for (n,n*17)



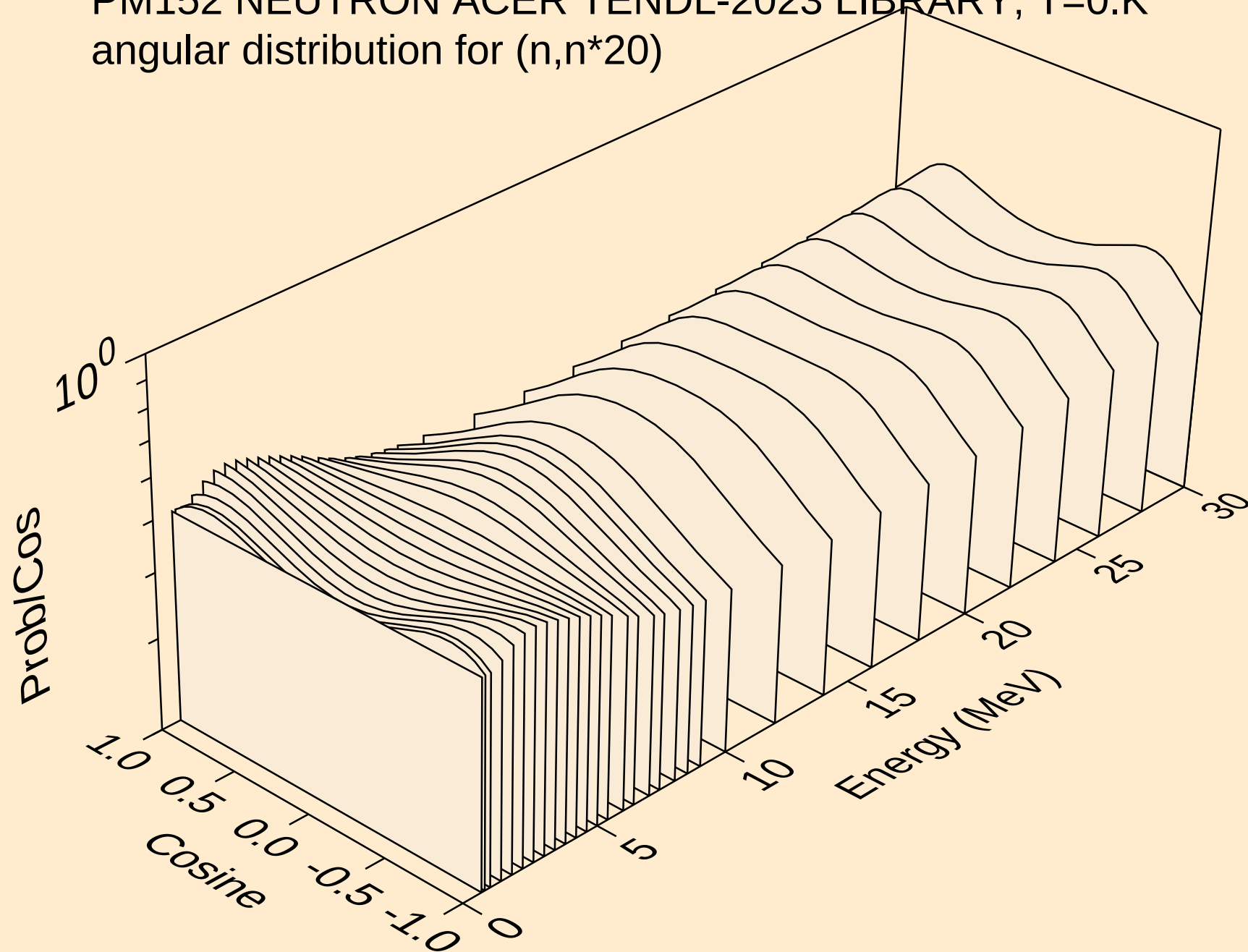
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angular distribution for (n,n*18)



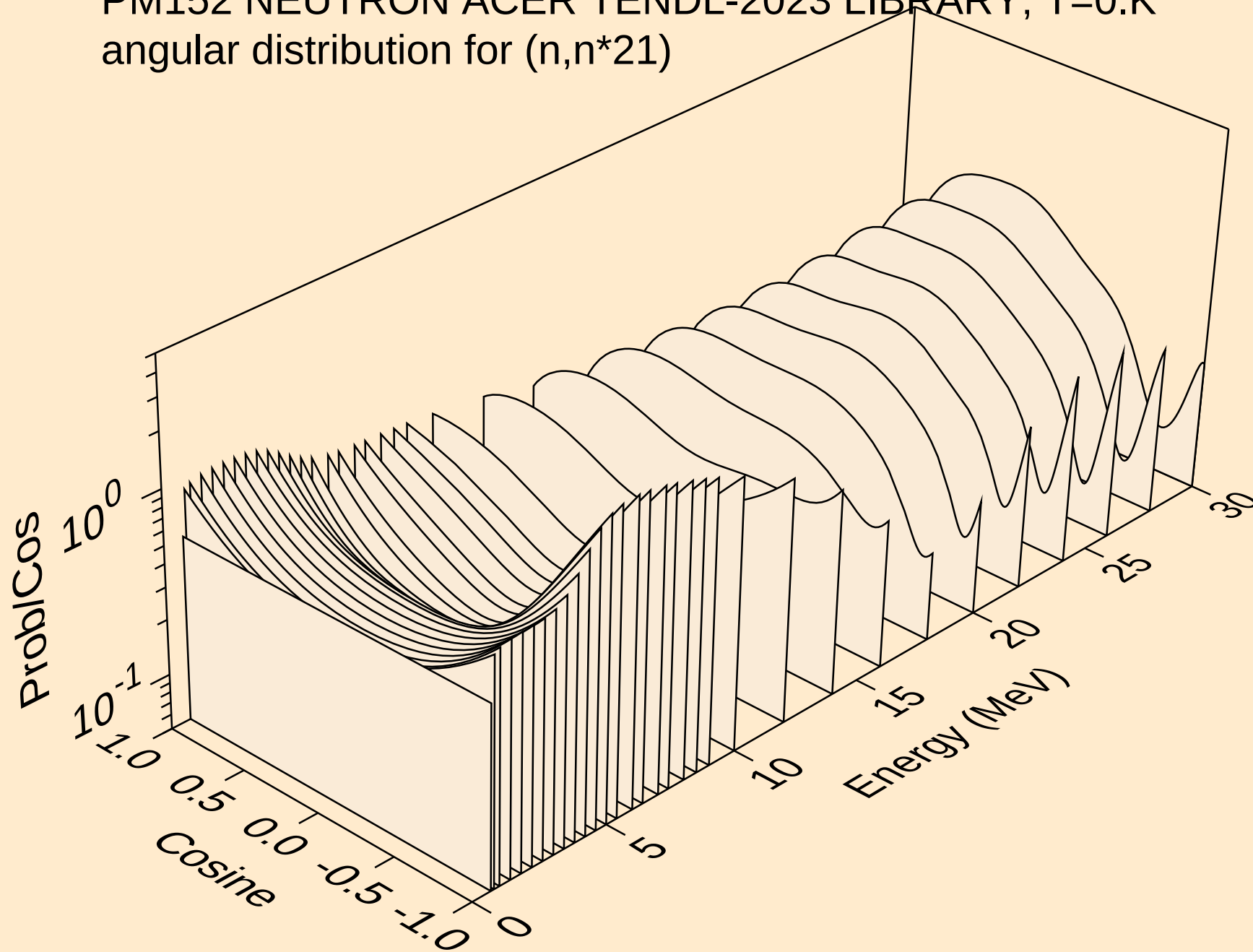
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angular distribution for (n,n*19)



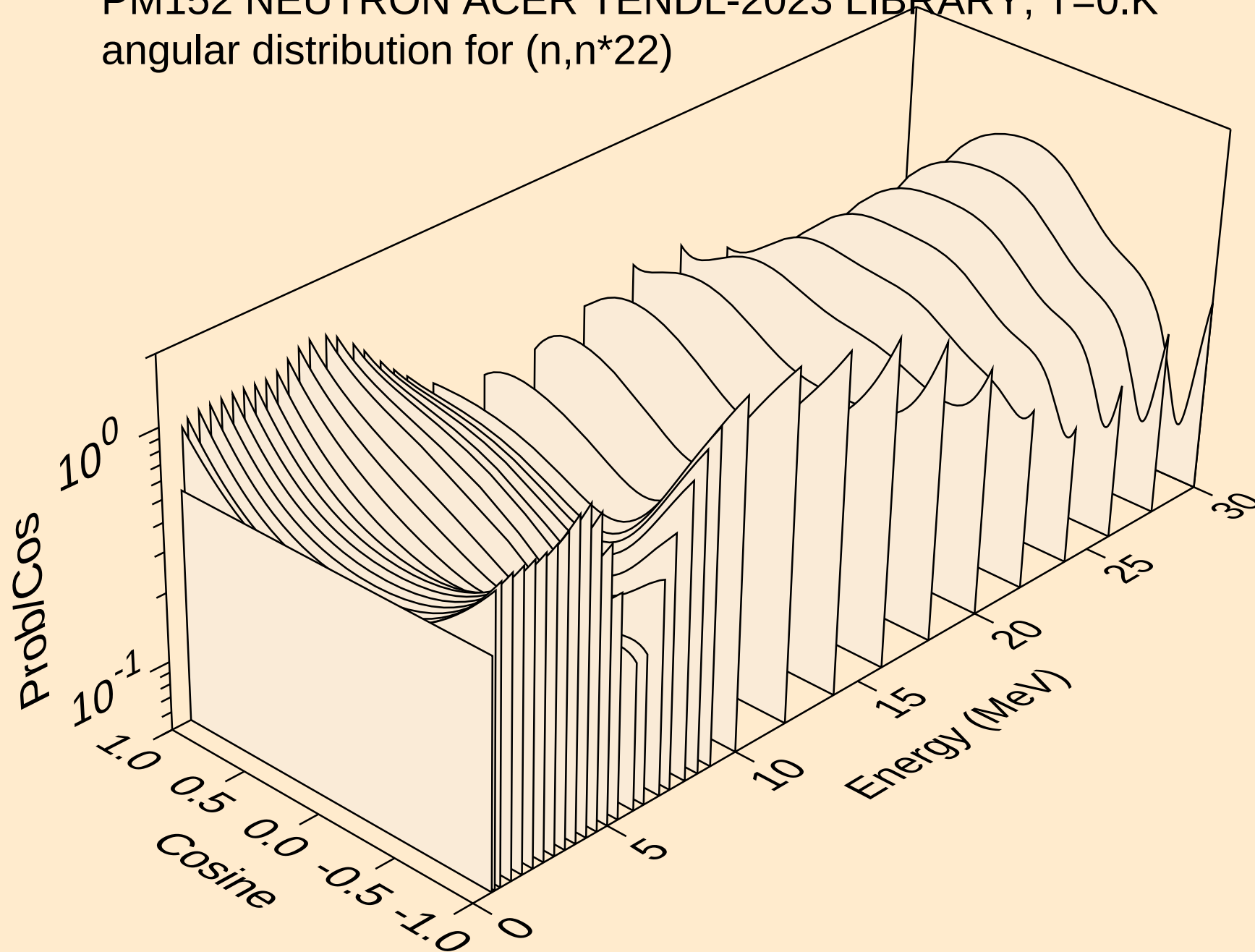
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angular distribution for (n,n*20)



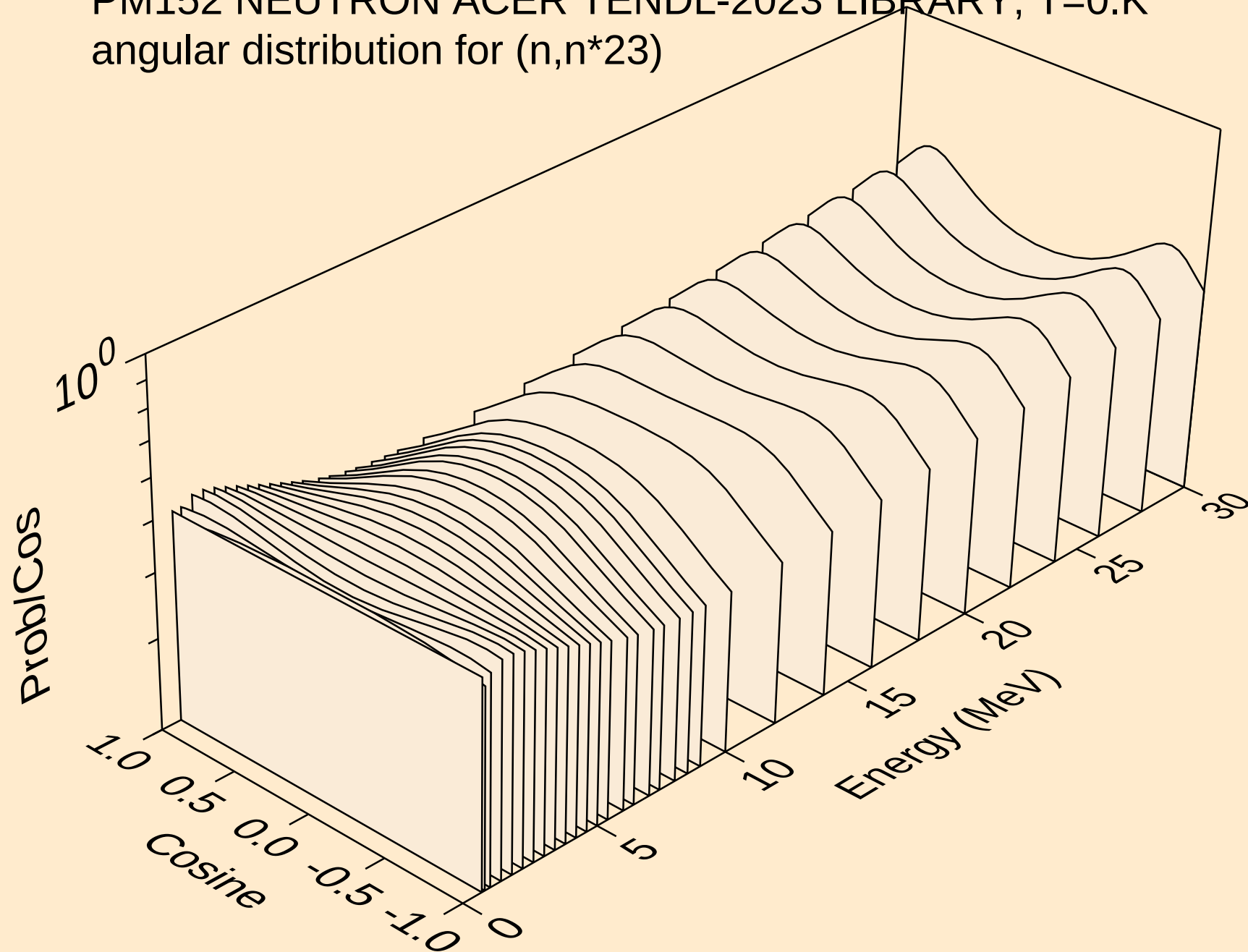
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angular distribution for (n,n*21)



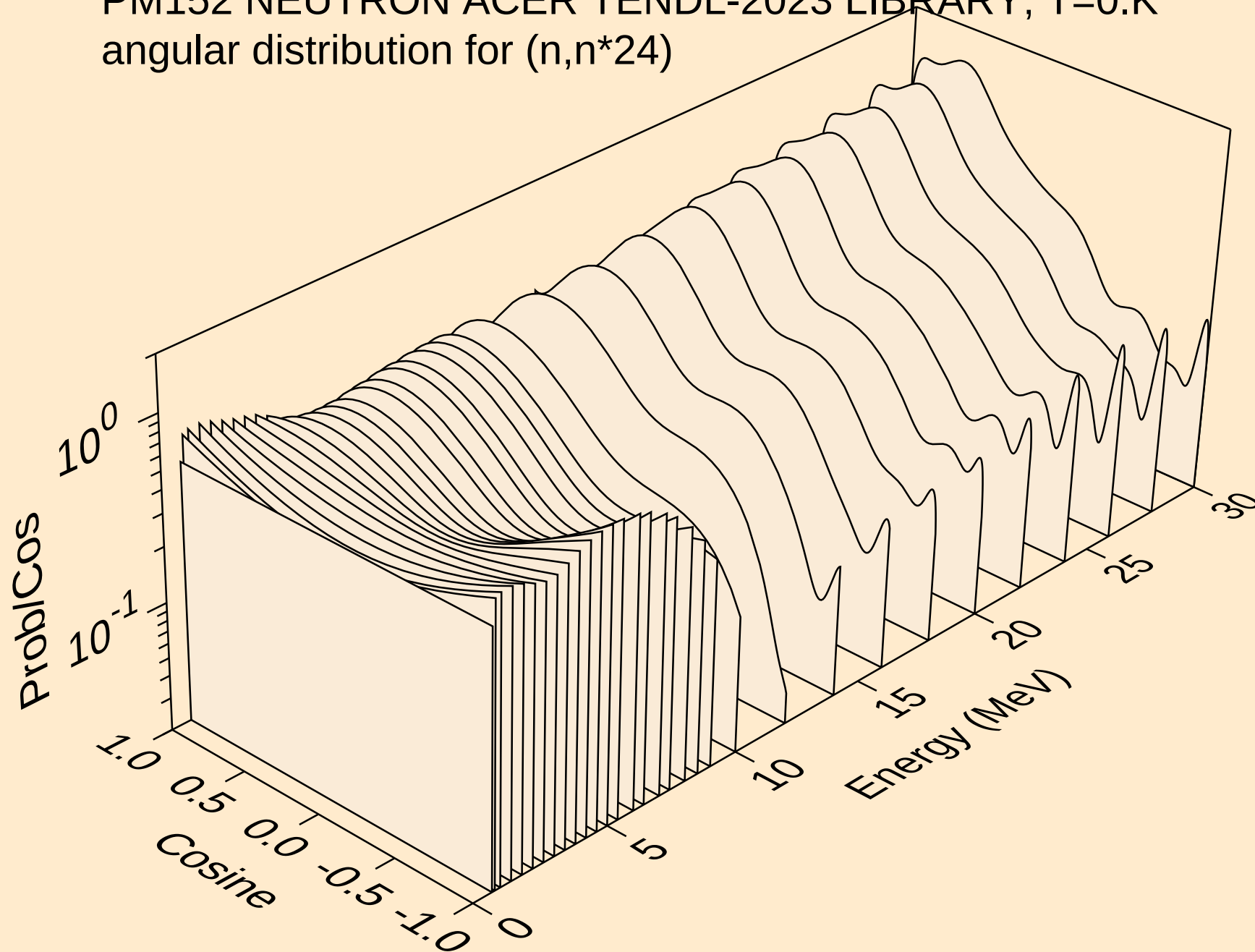
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angular distribution for (n,n*22)



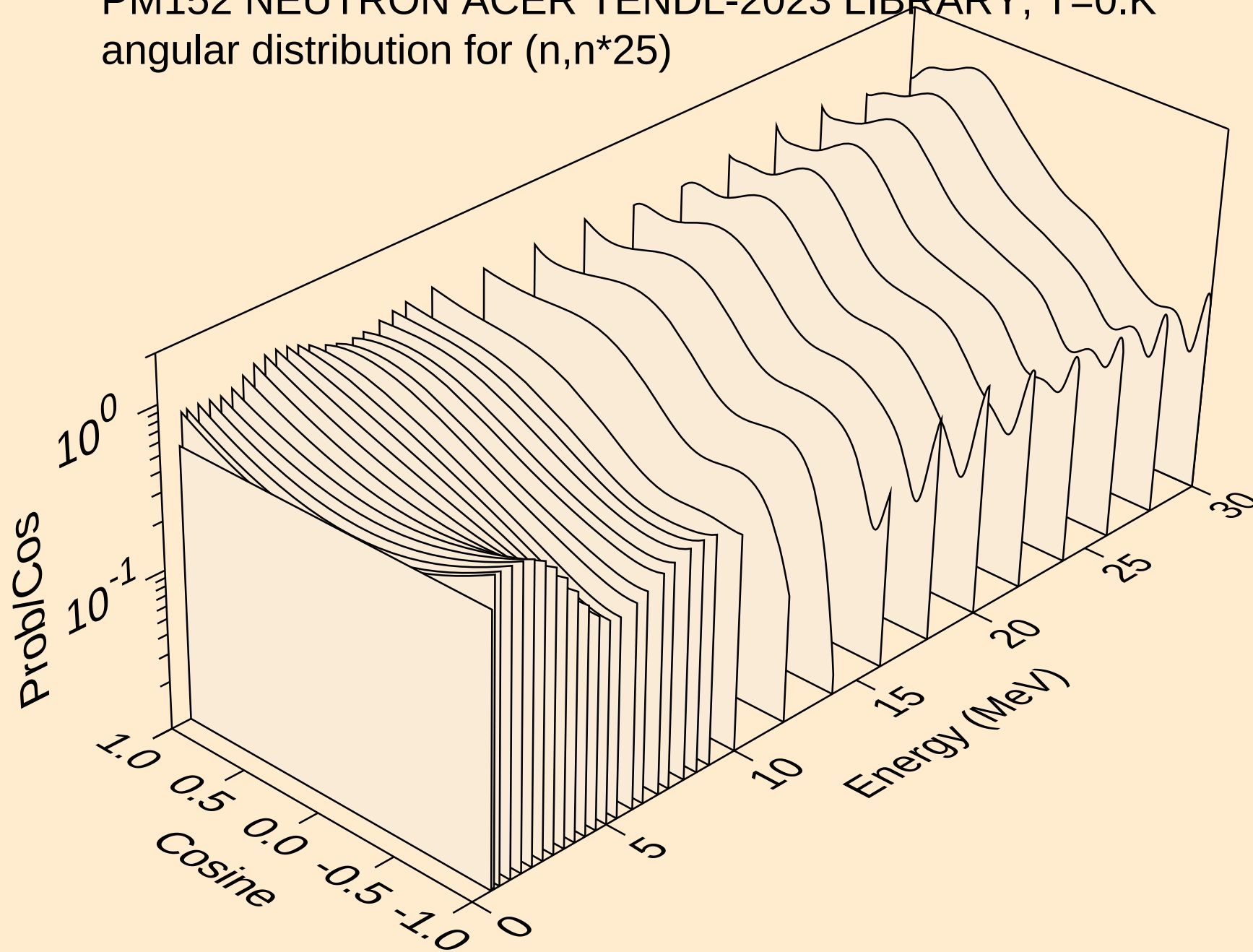
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angular distribution for (n,n*23)



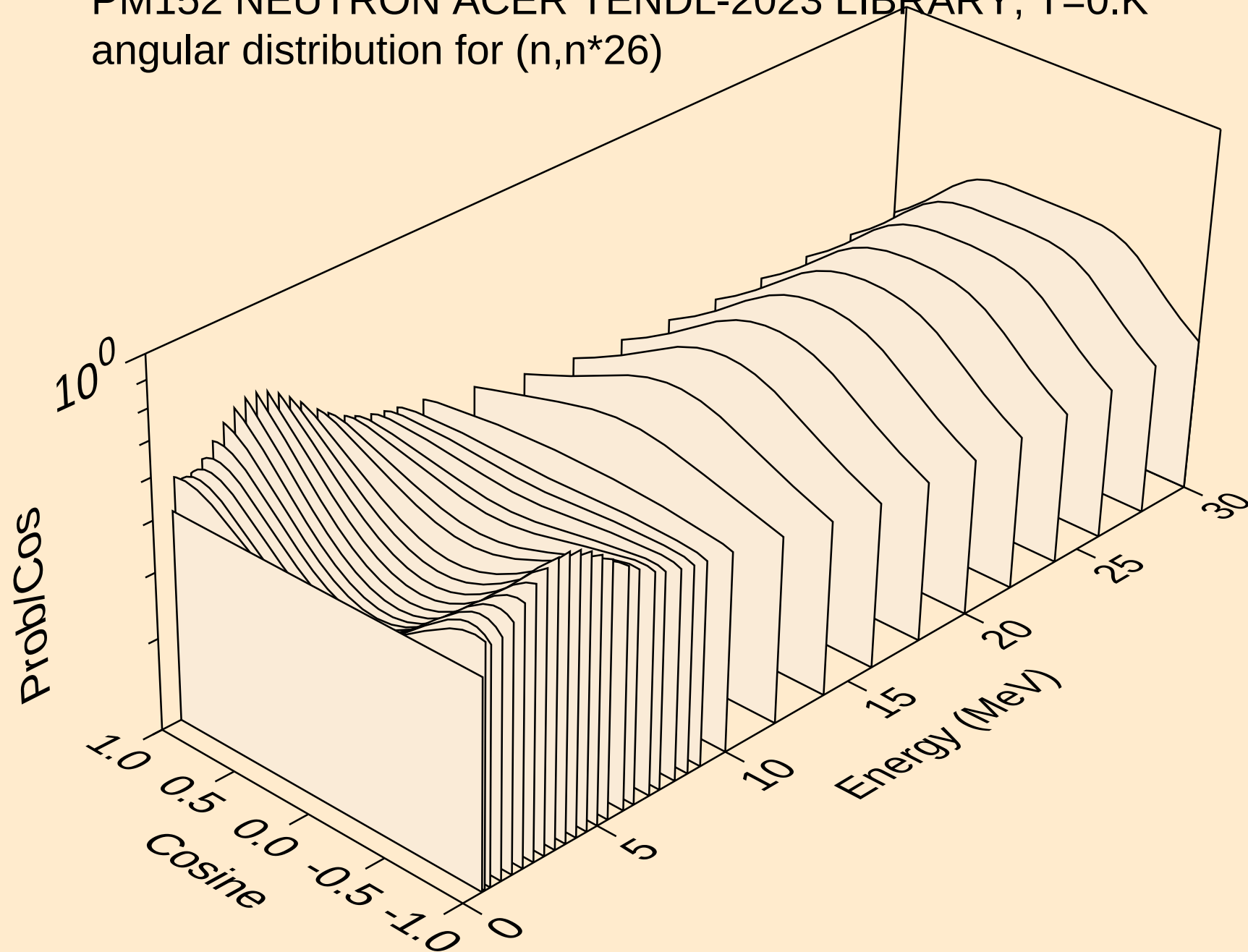
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angular distribution for (n,n*24)



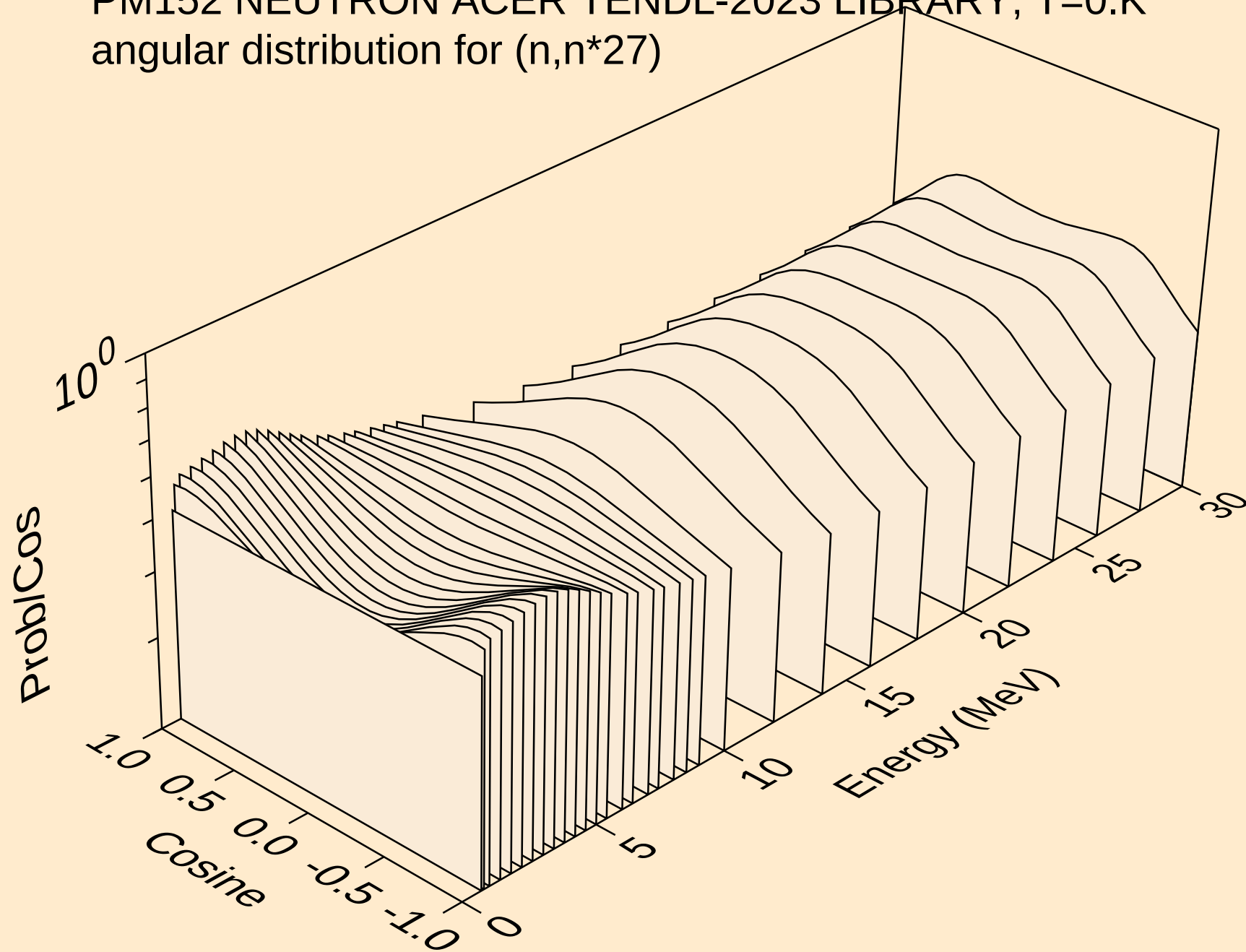
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



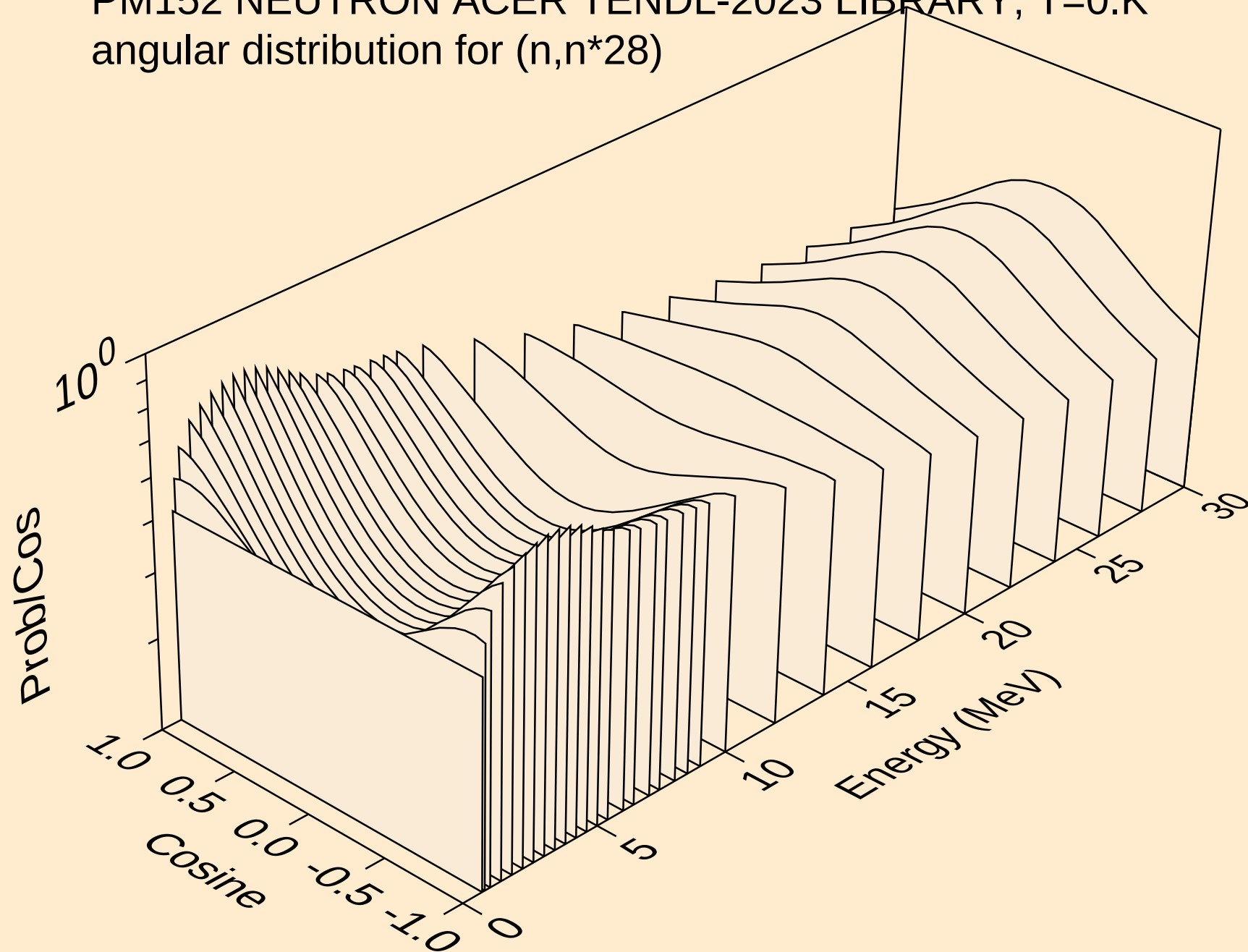
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)



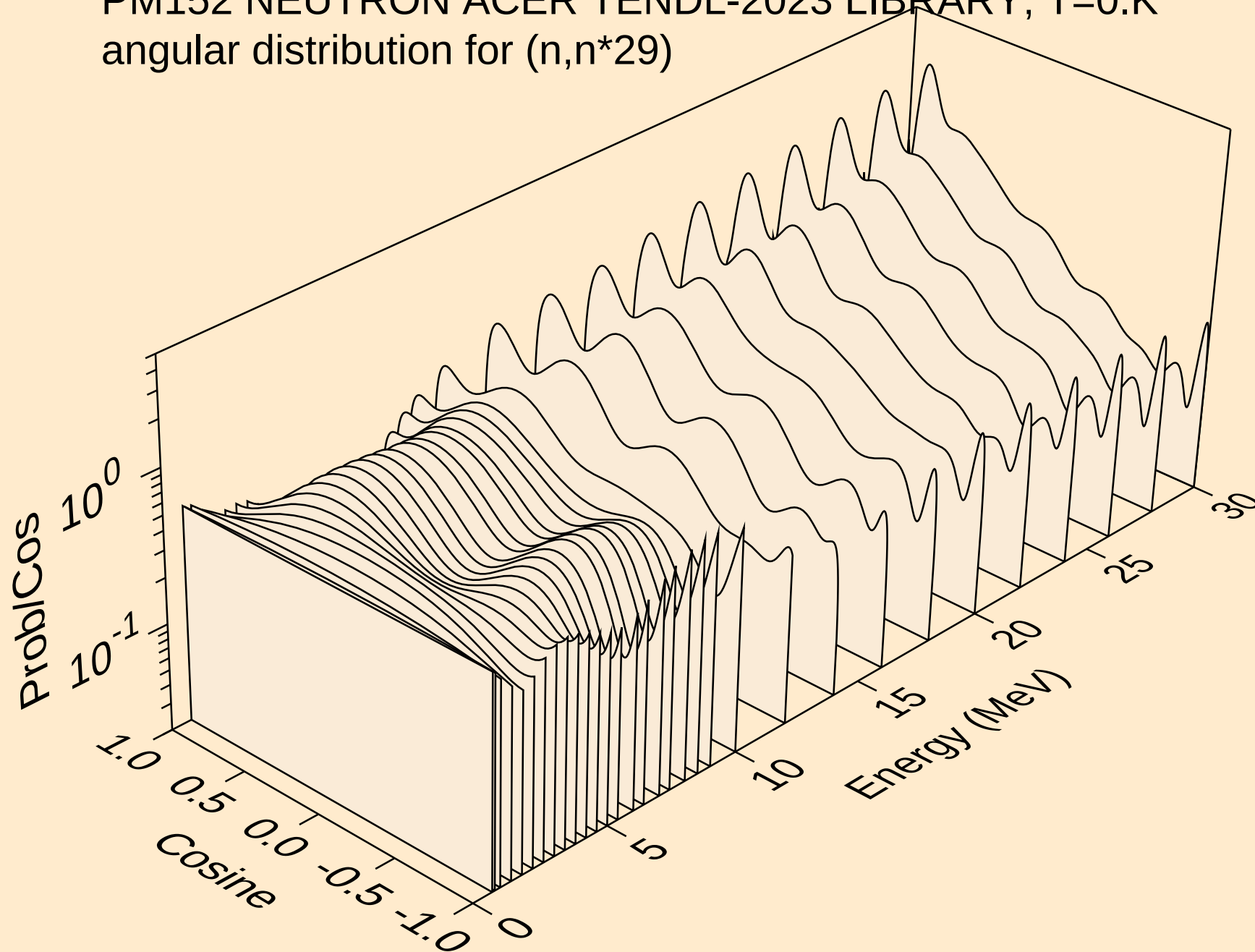
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angular distribution for (n,n*27)



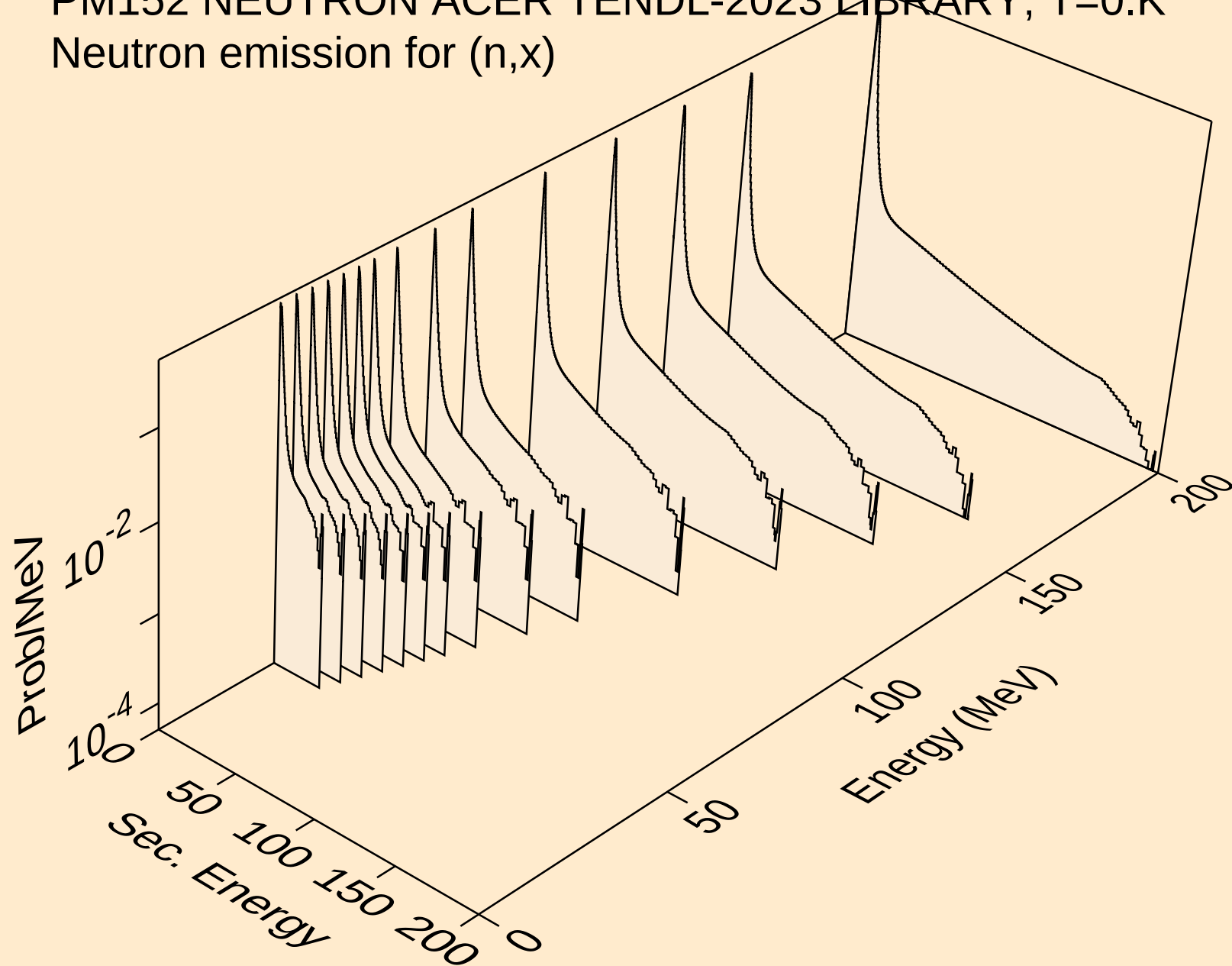
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)



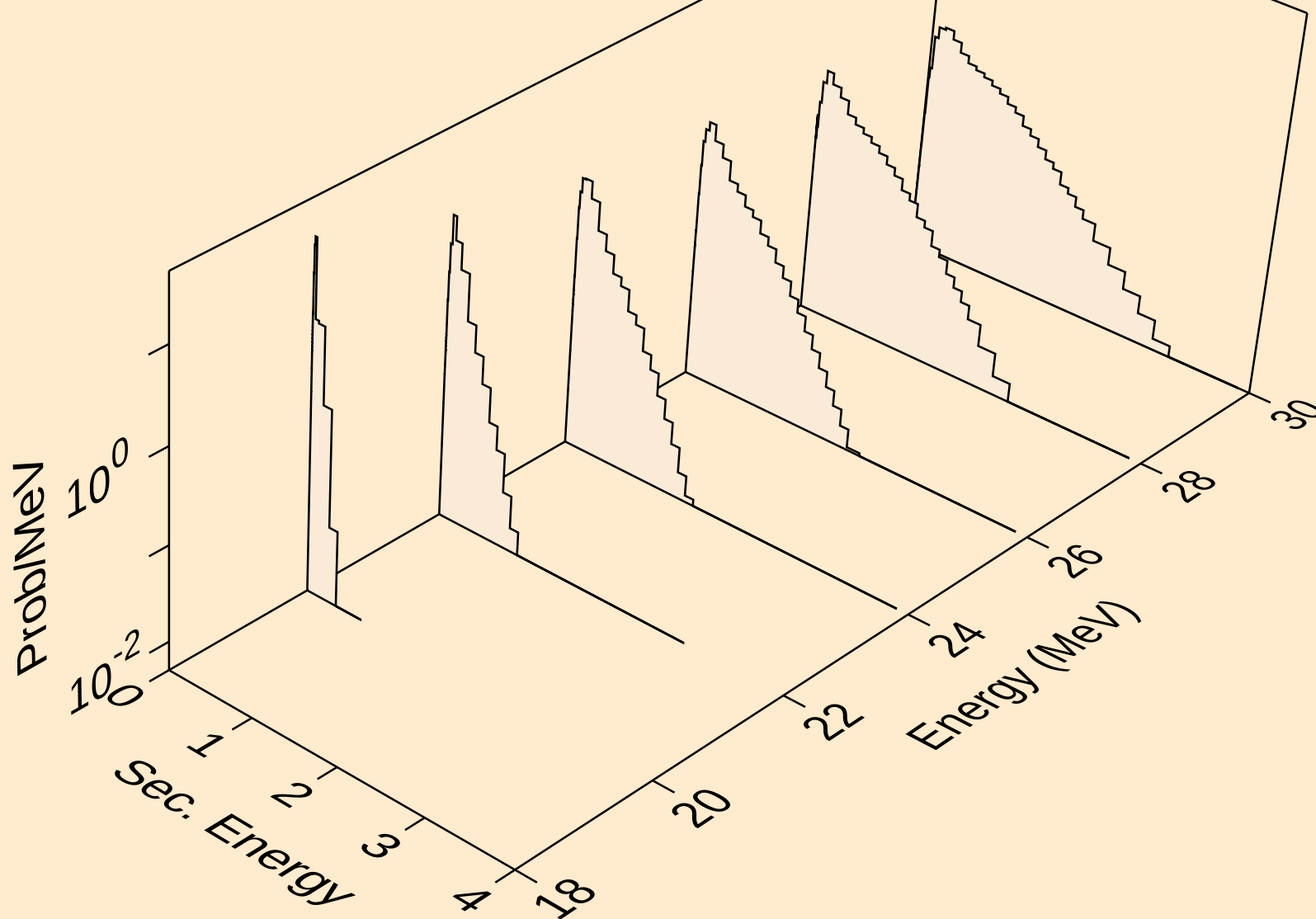
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angular distribution for (n,n*29)



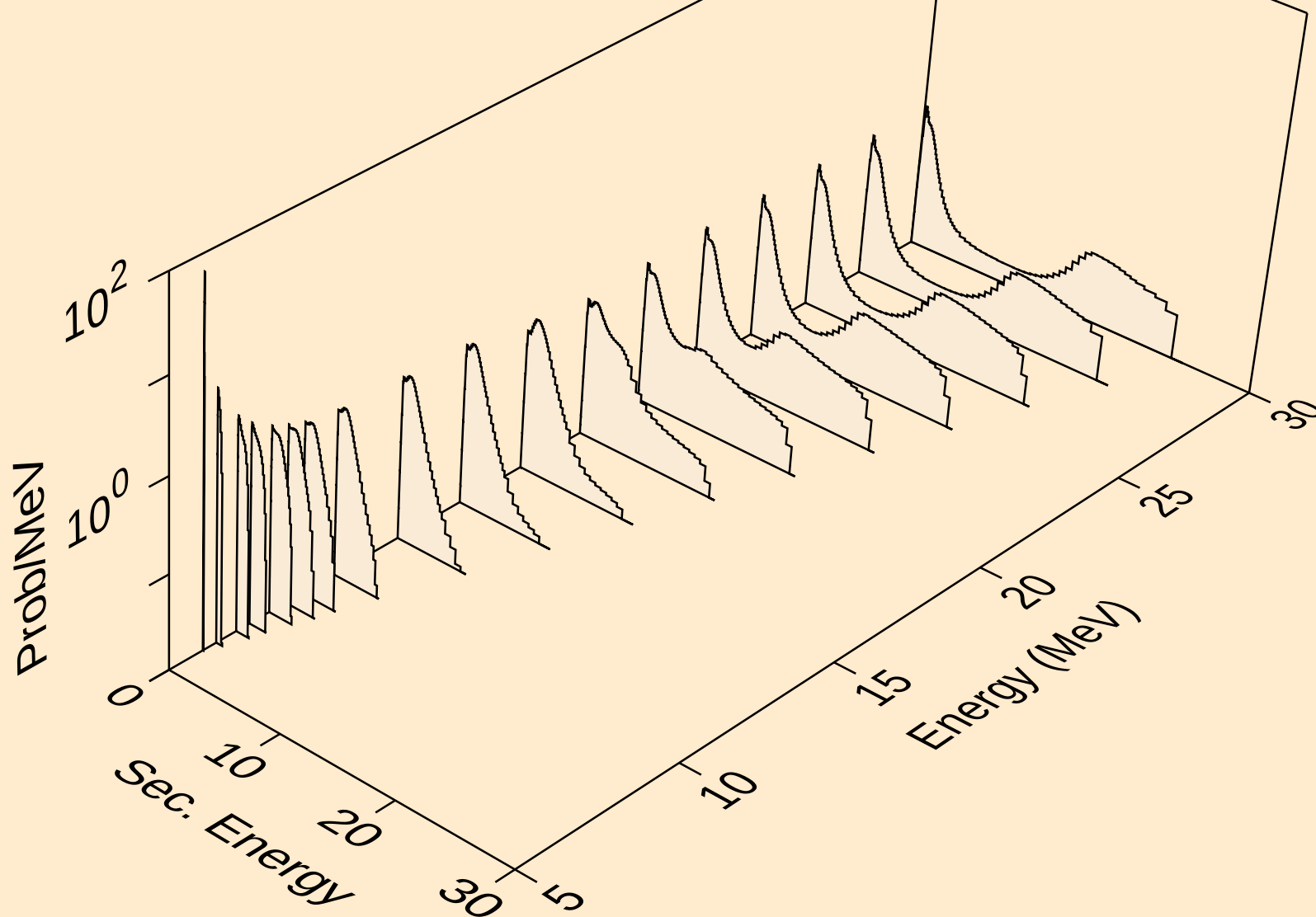
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



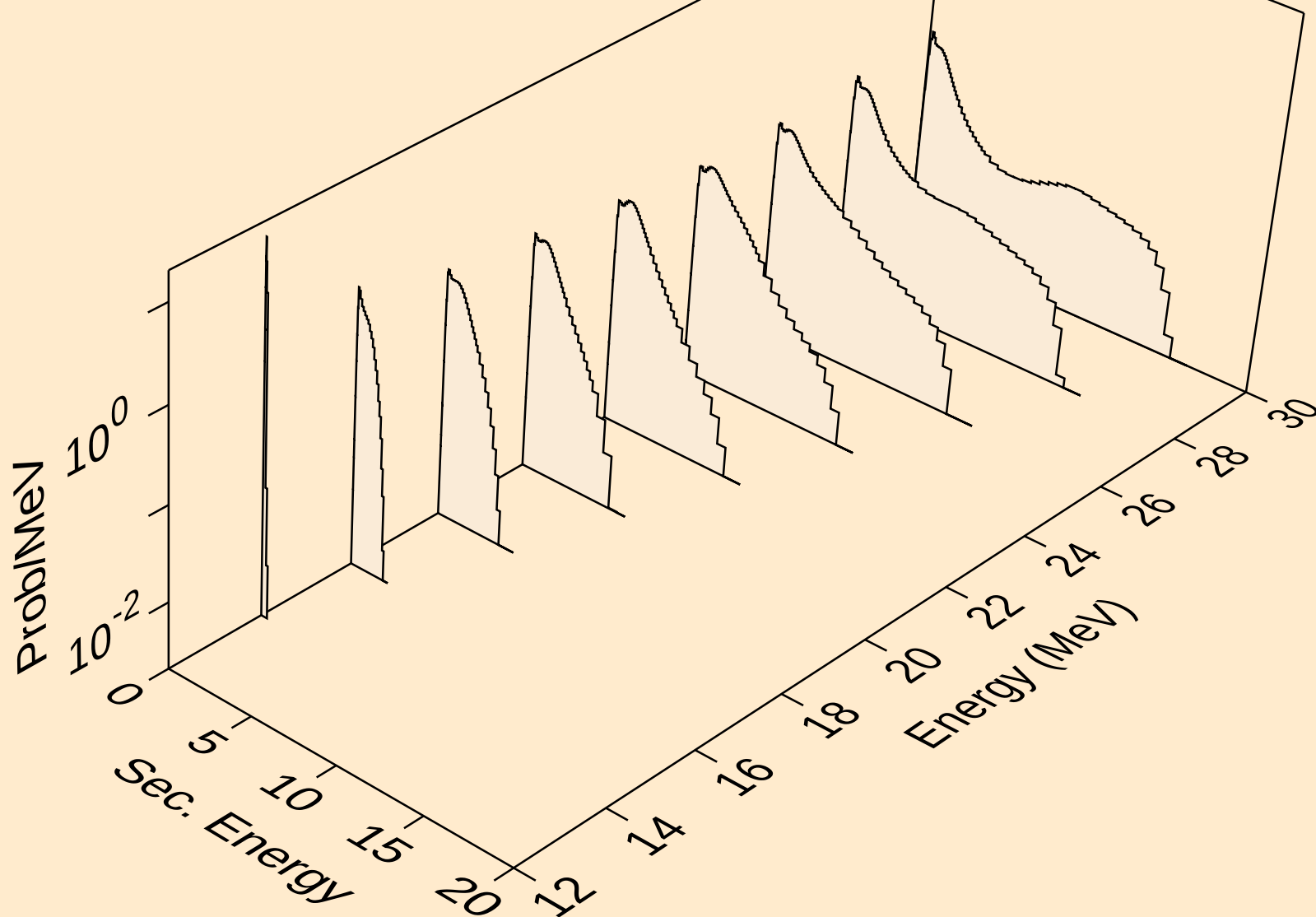
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



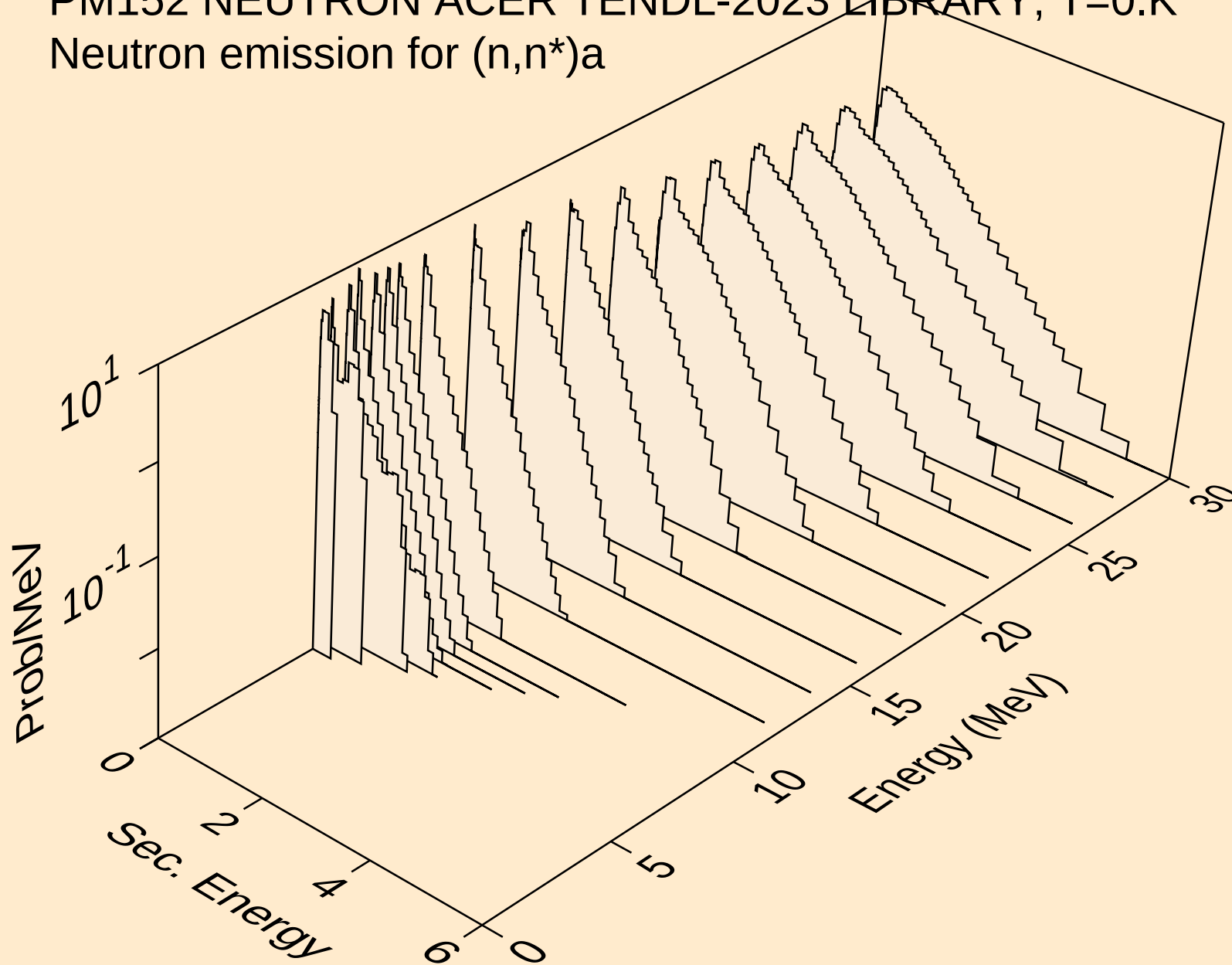
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



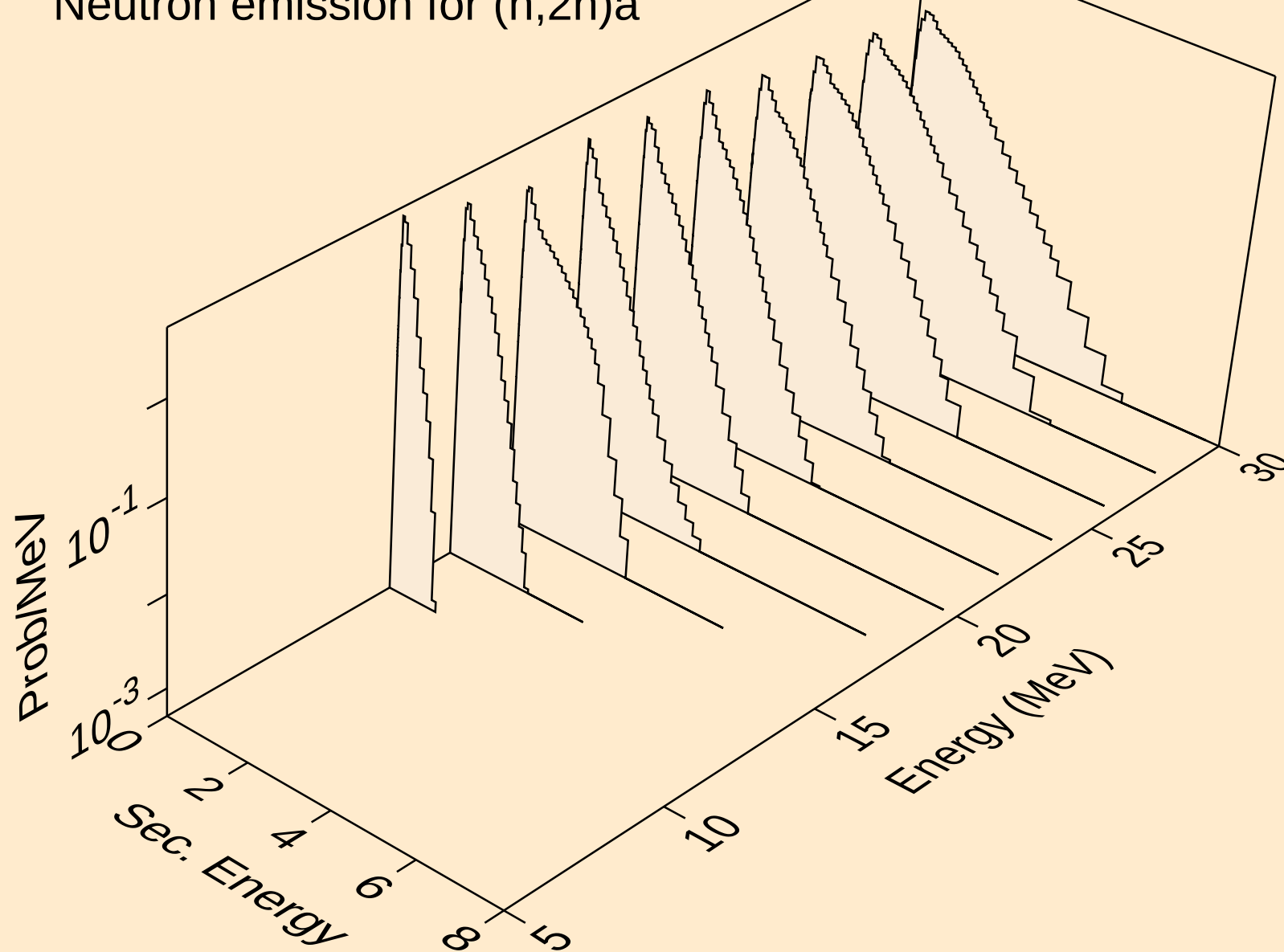
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



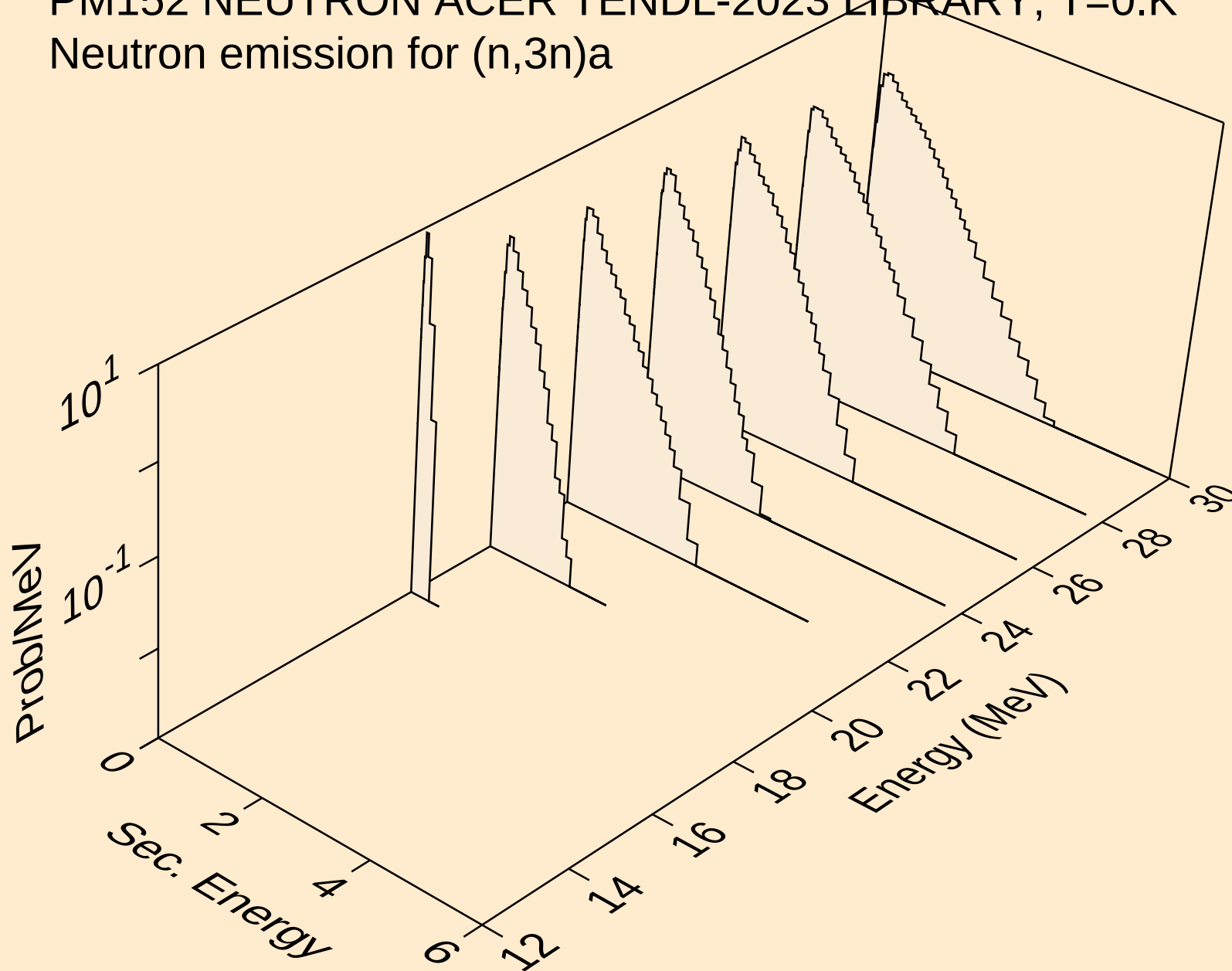
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



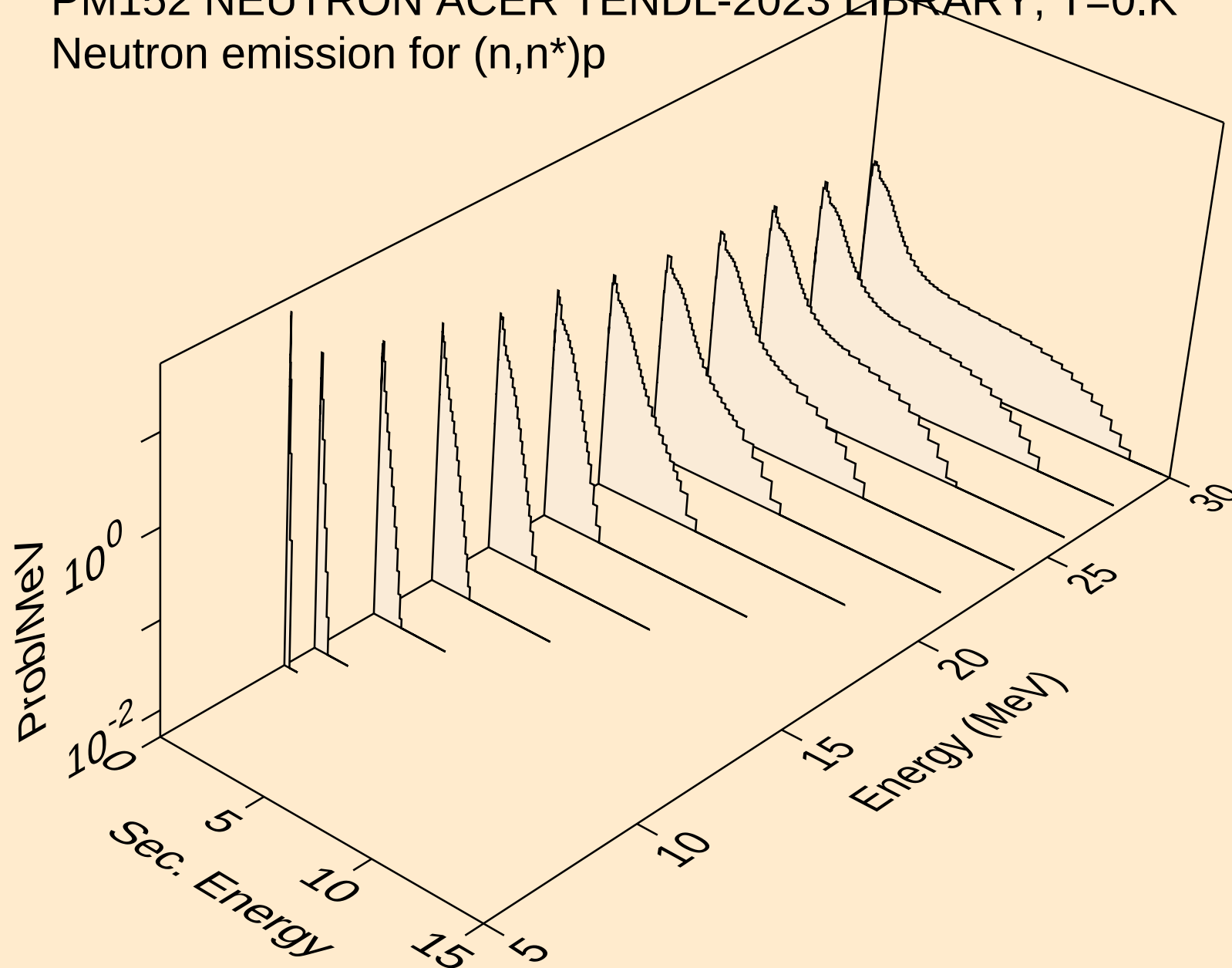
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



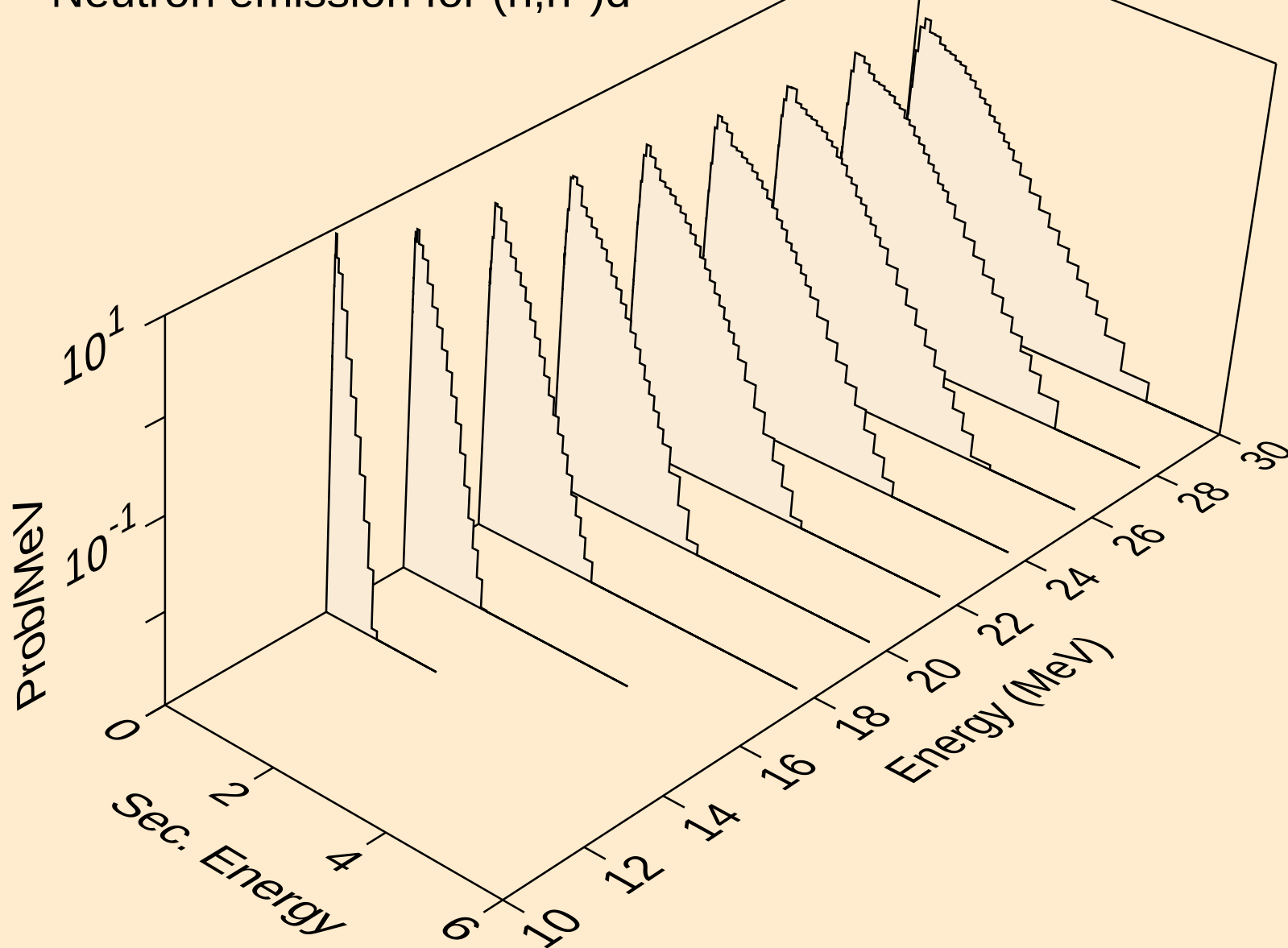
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



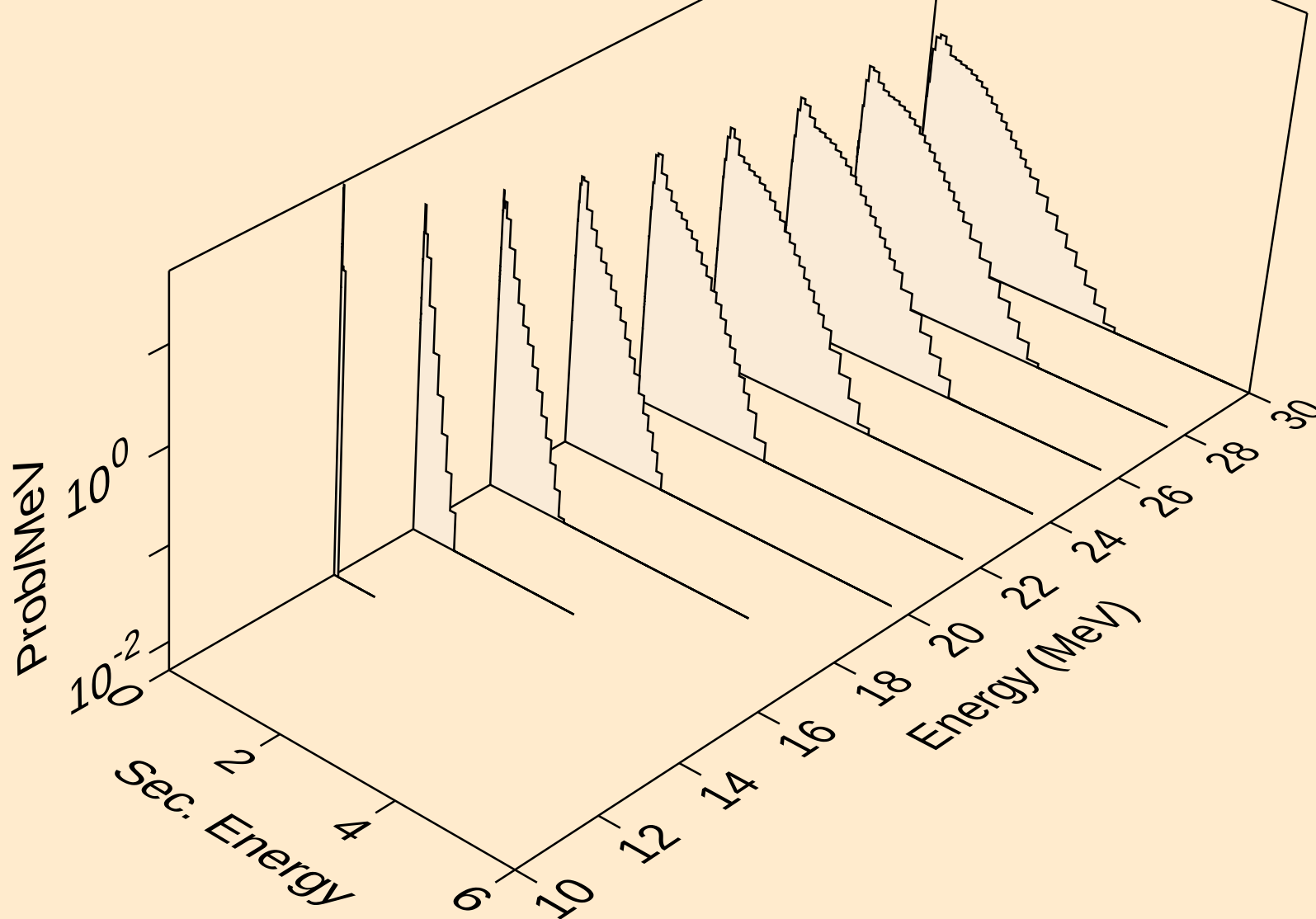
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



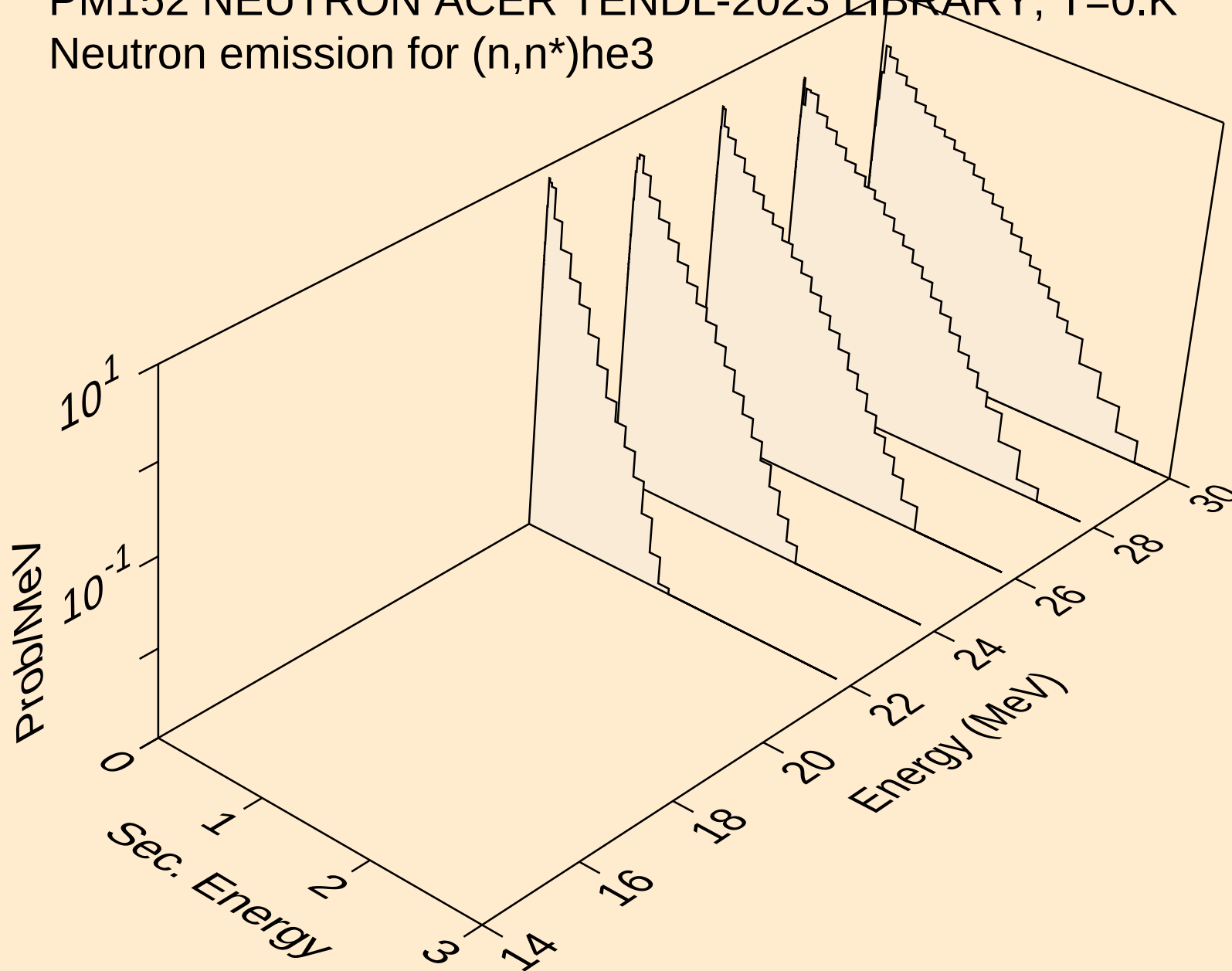
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



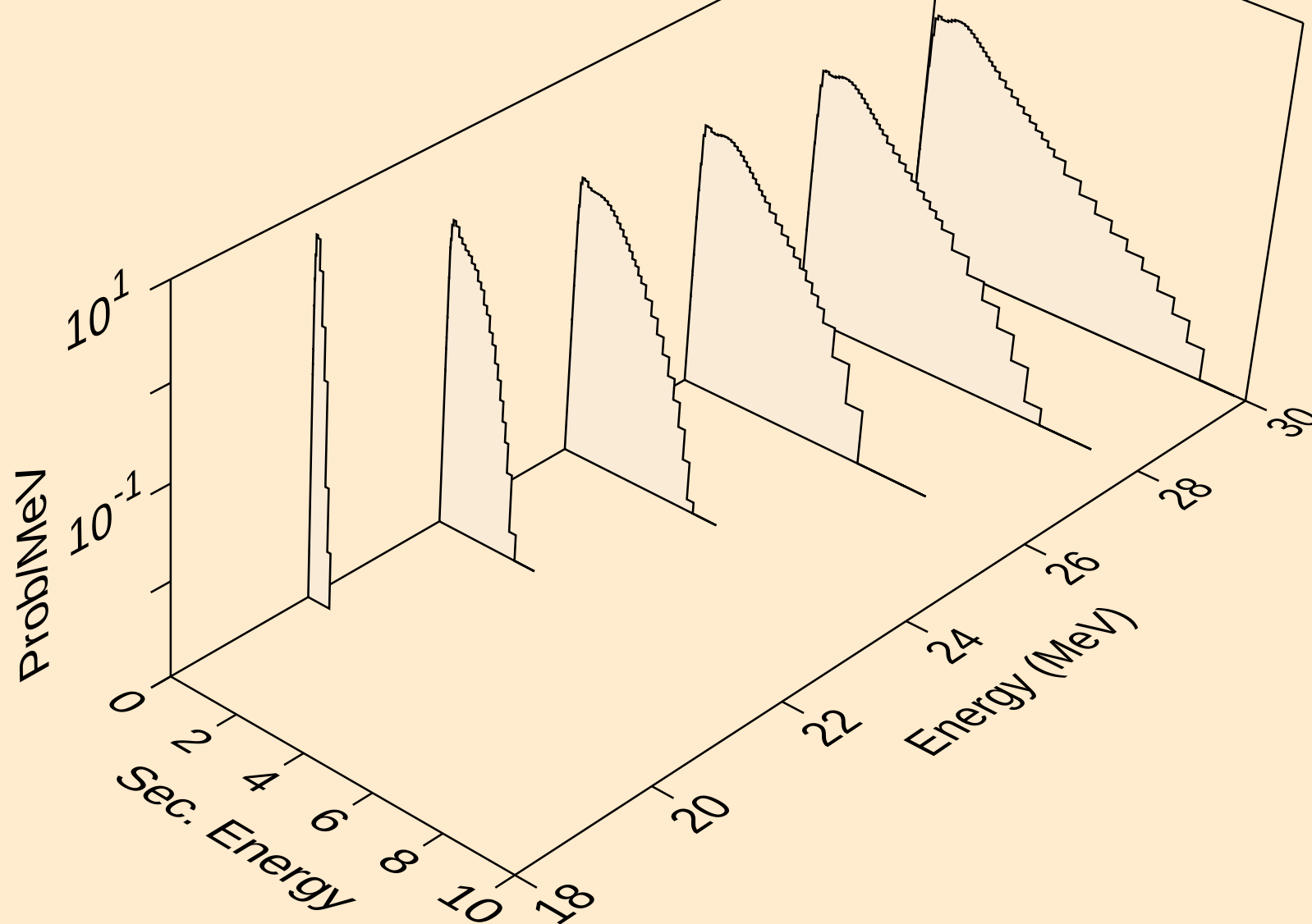
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



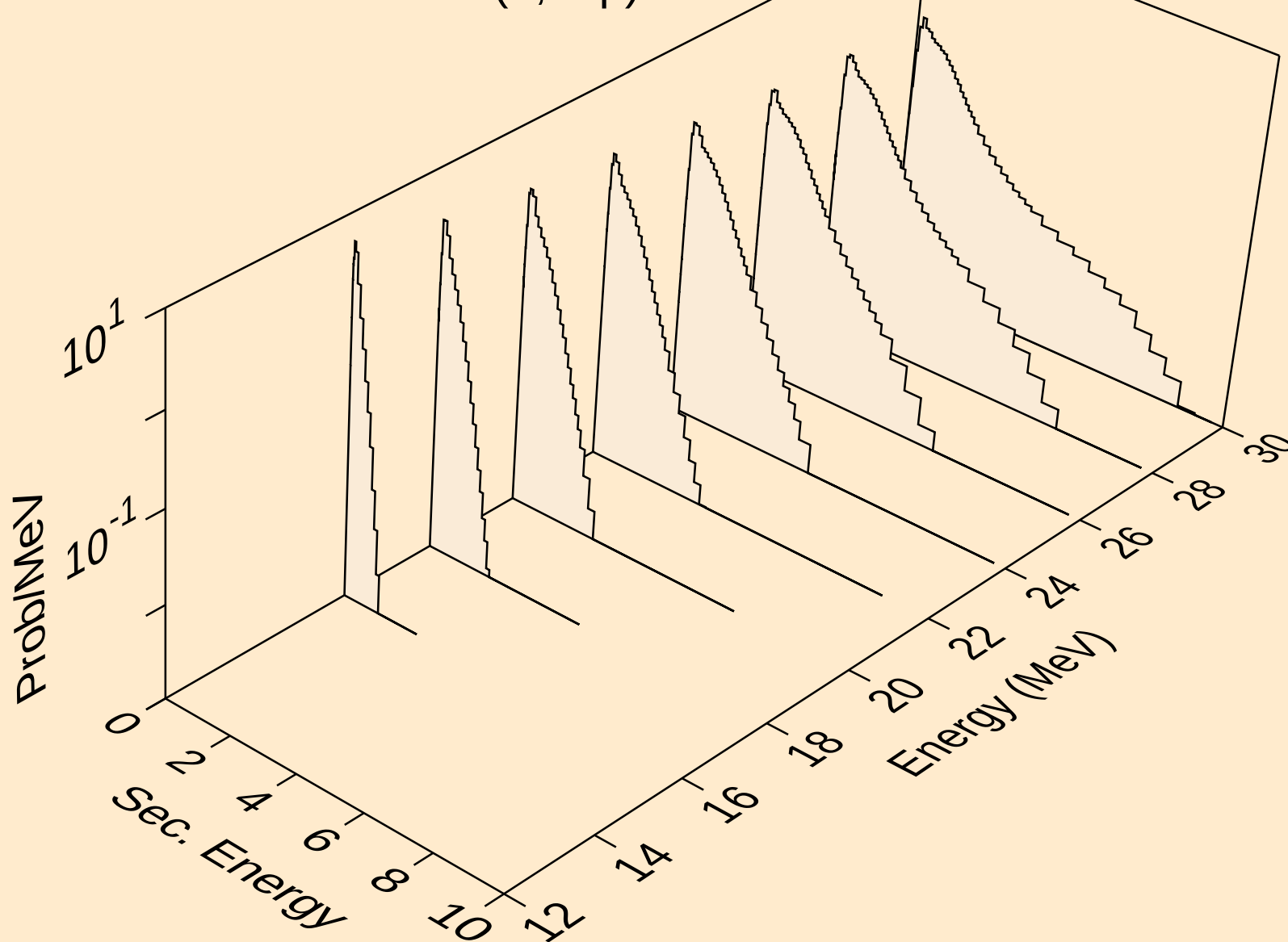
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



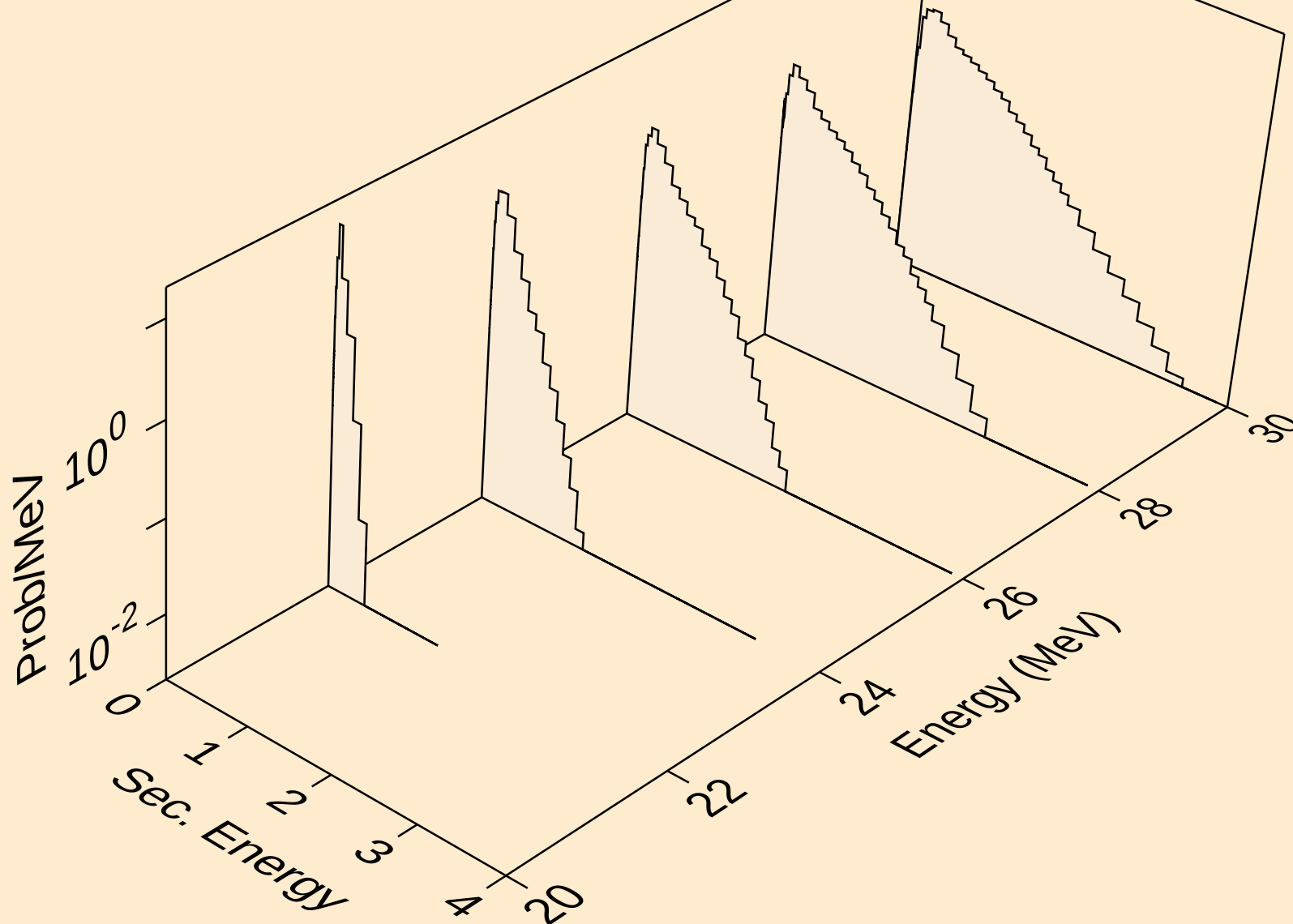
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



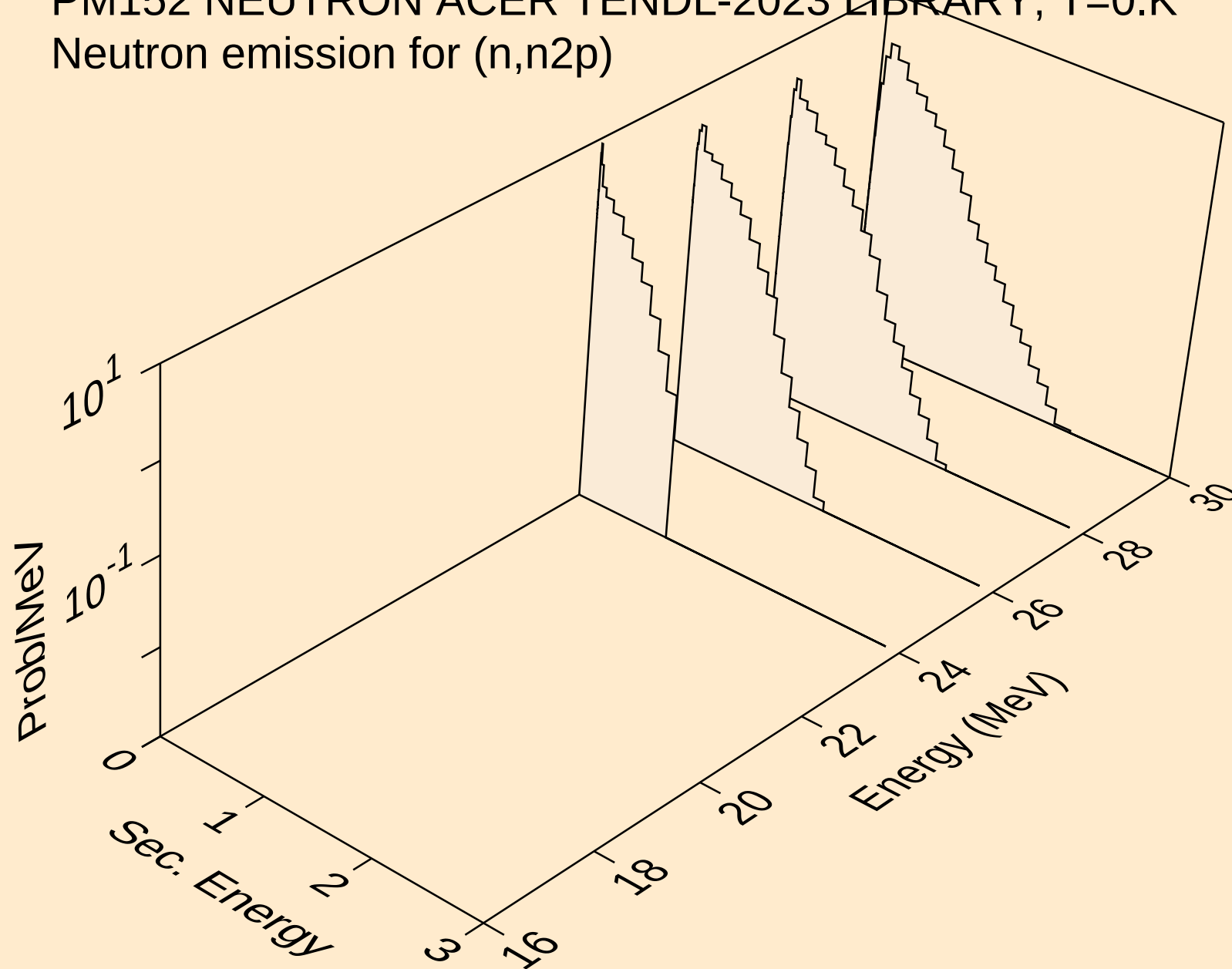
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



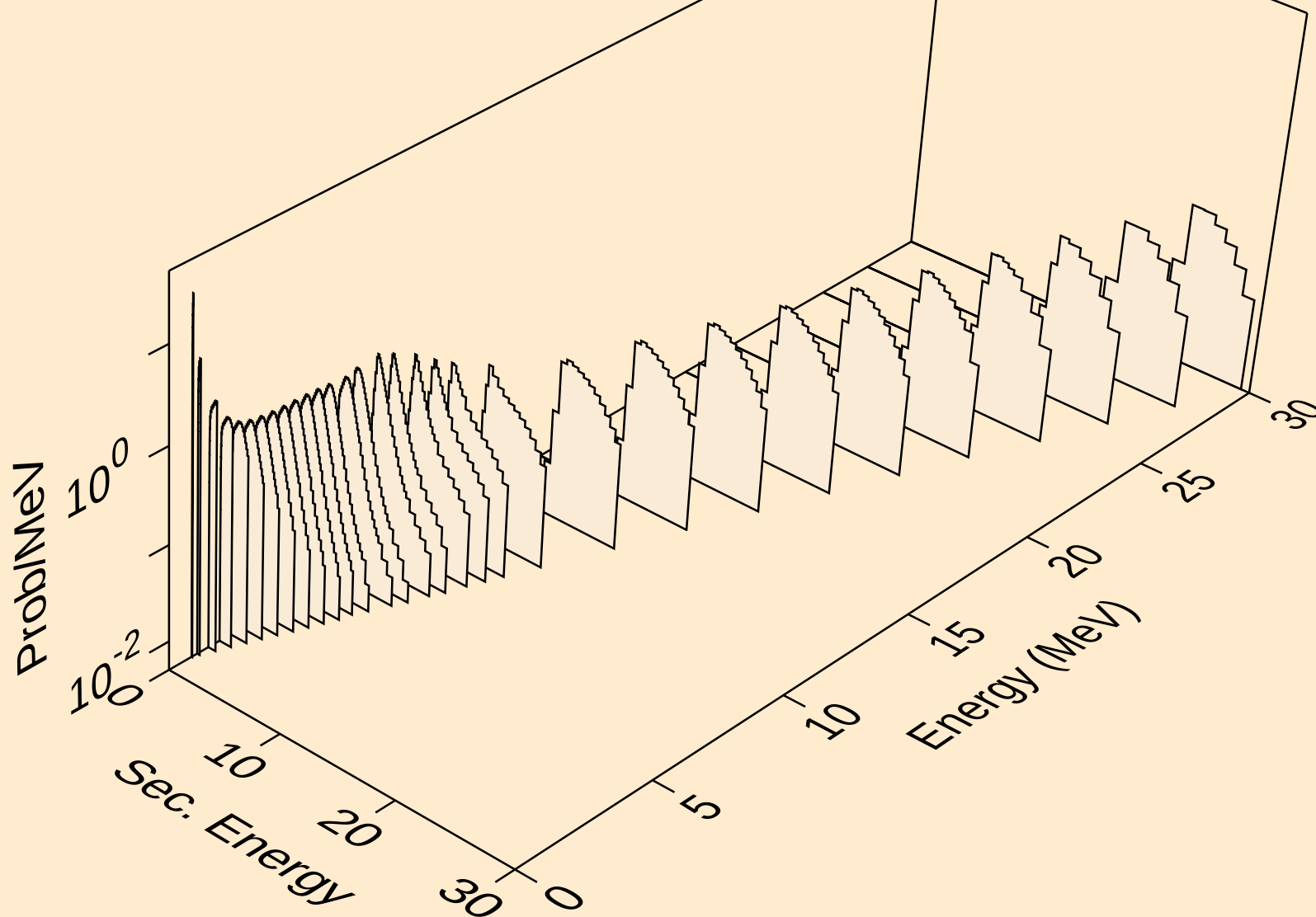
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



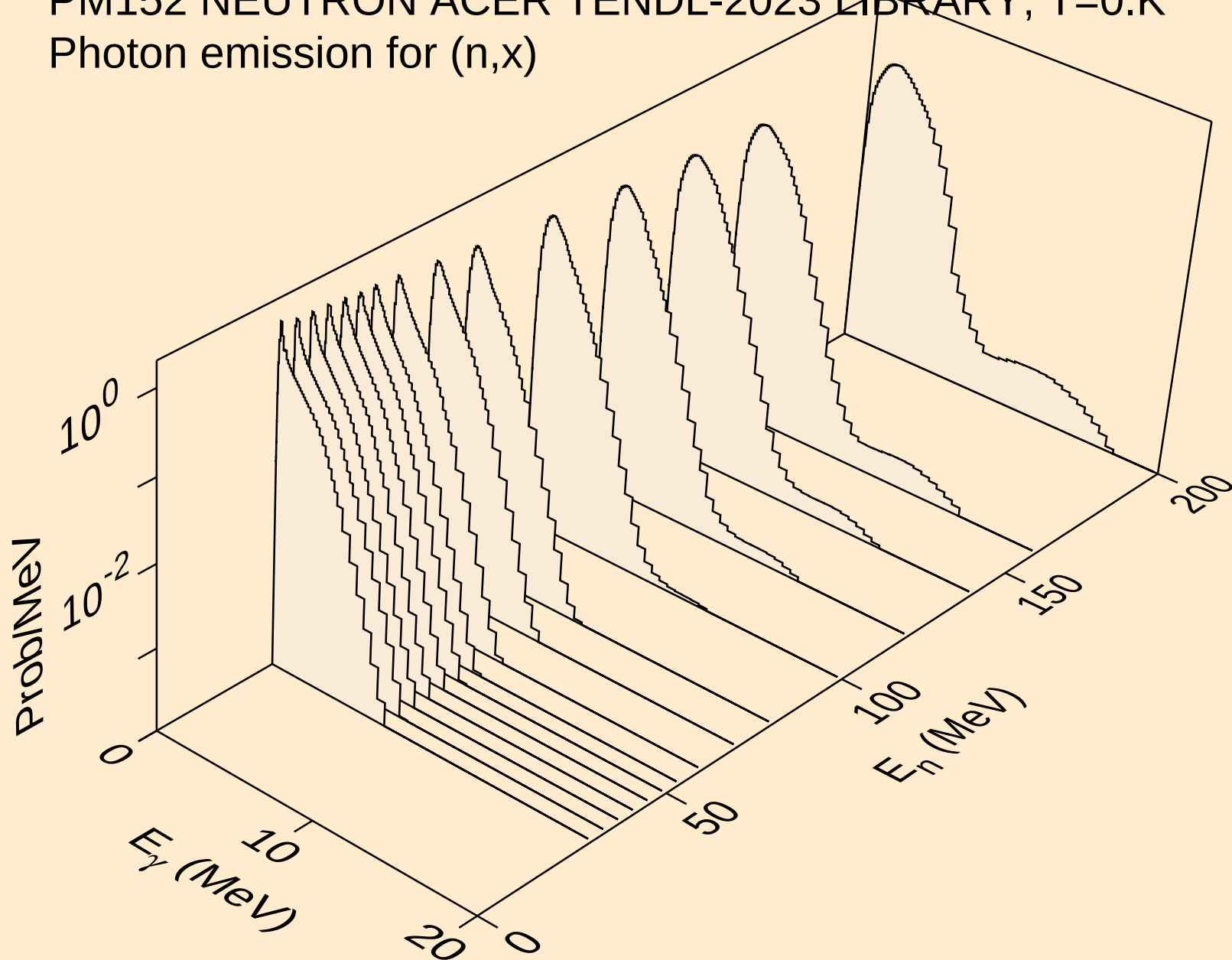
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



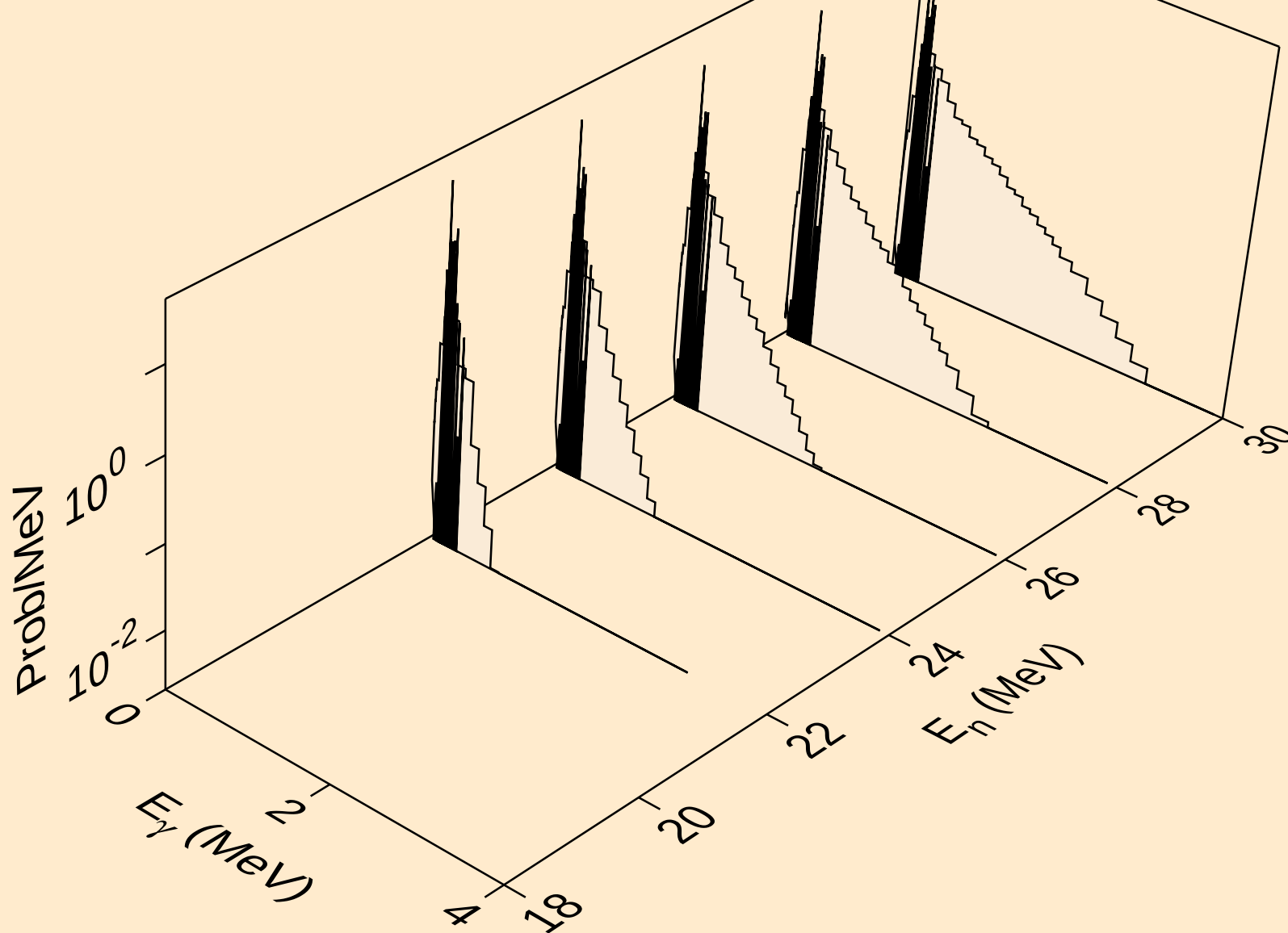
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



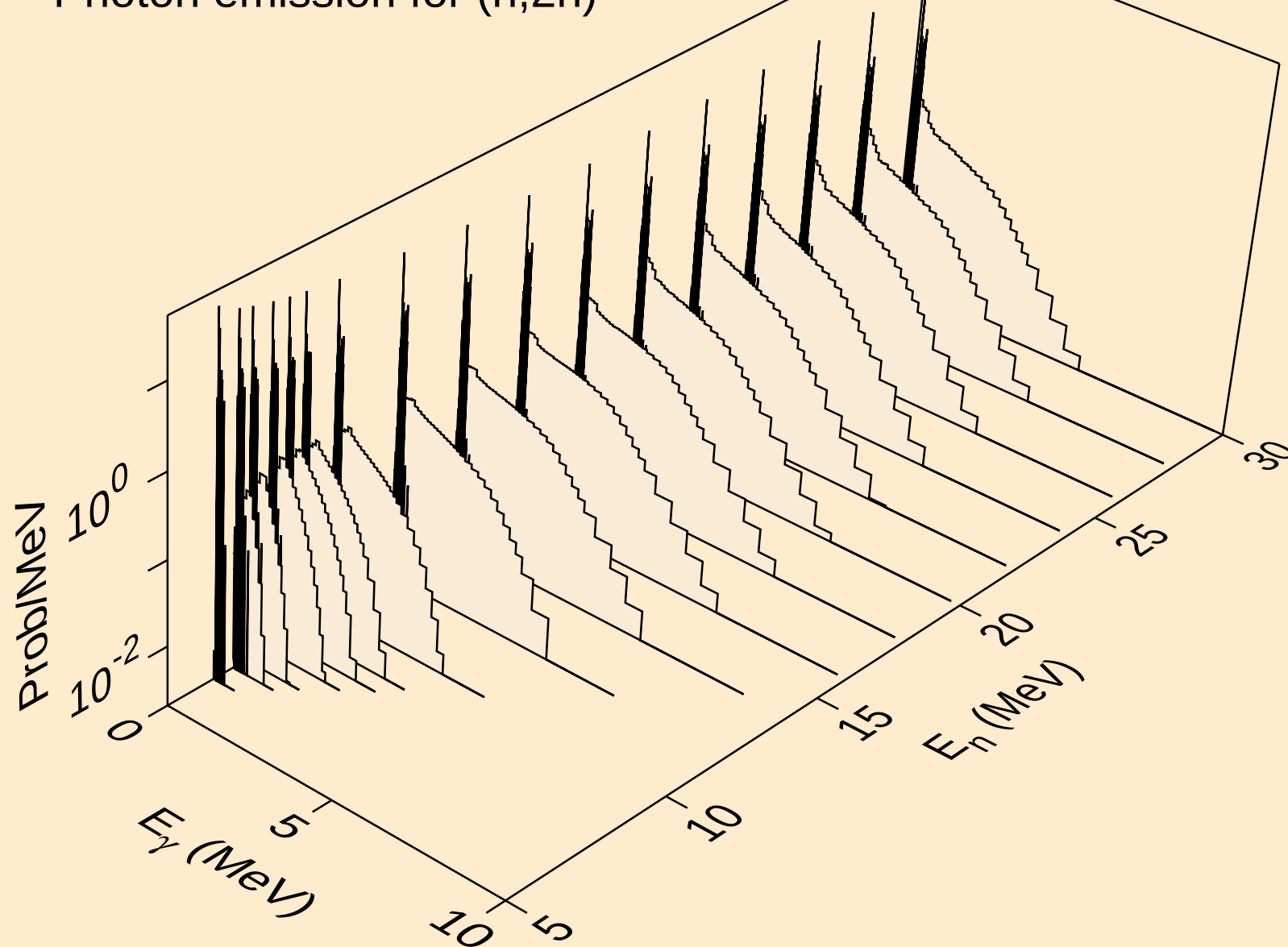
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



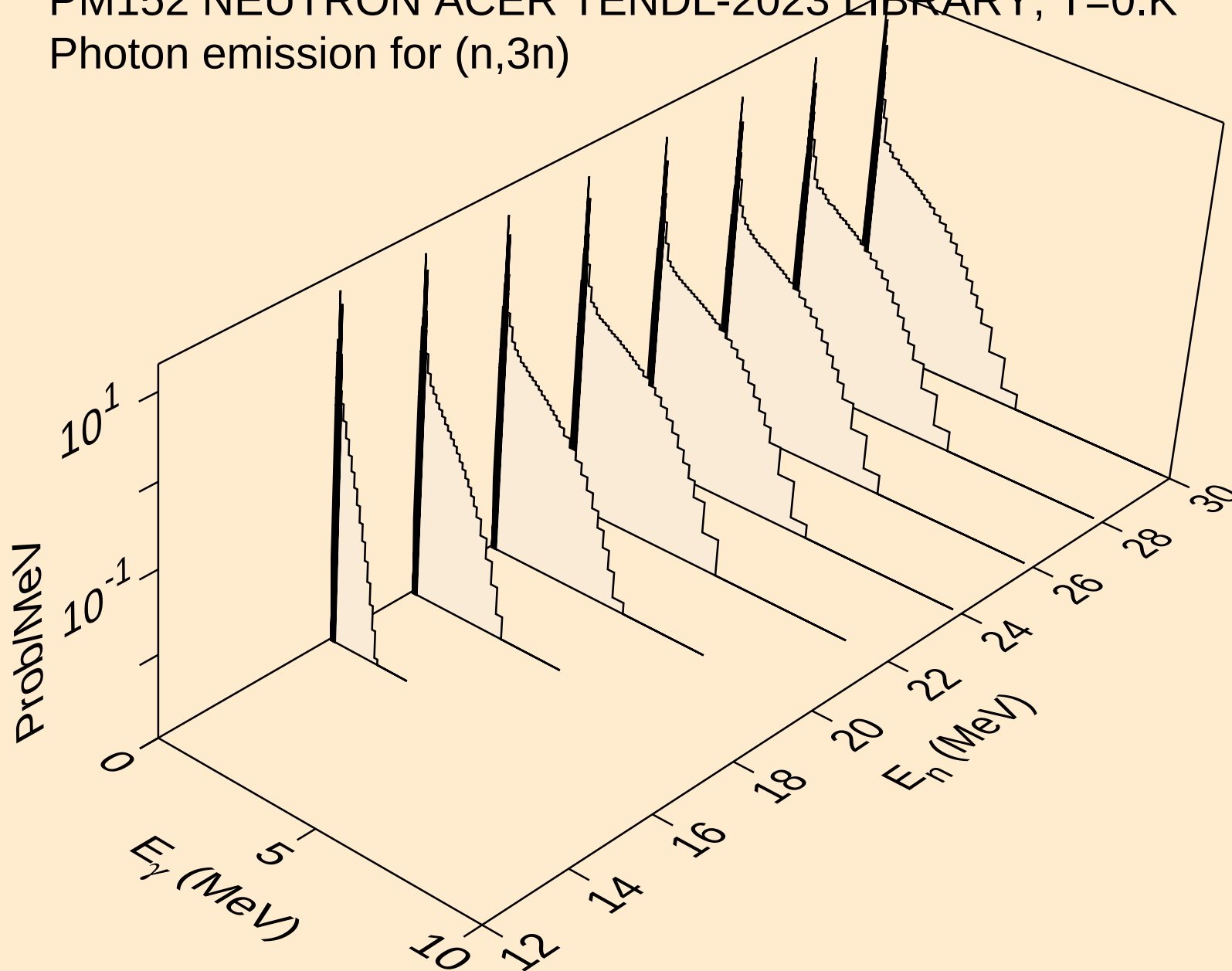
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



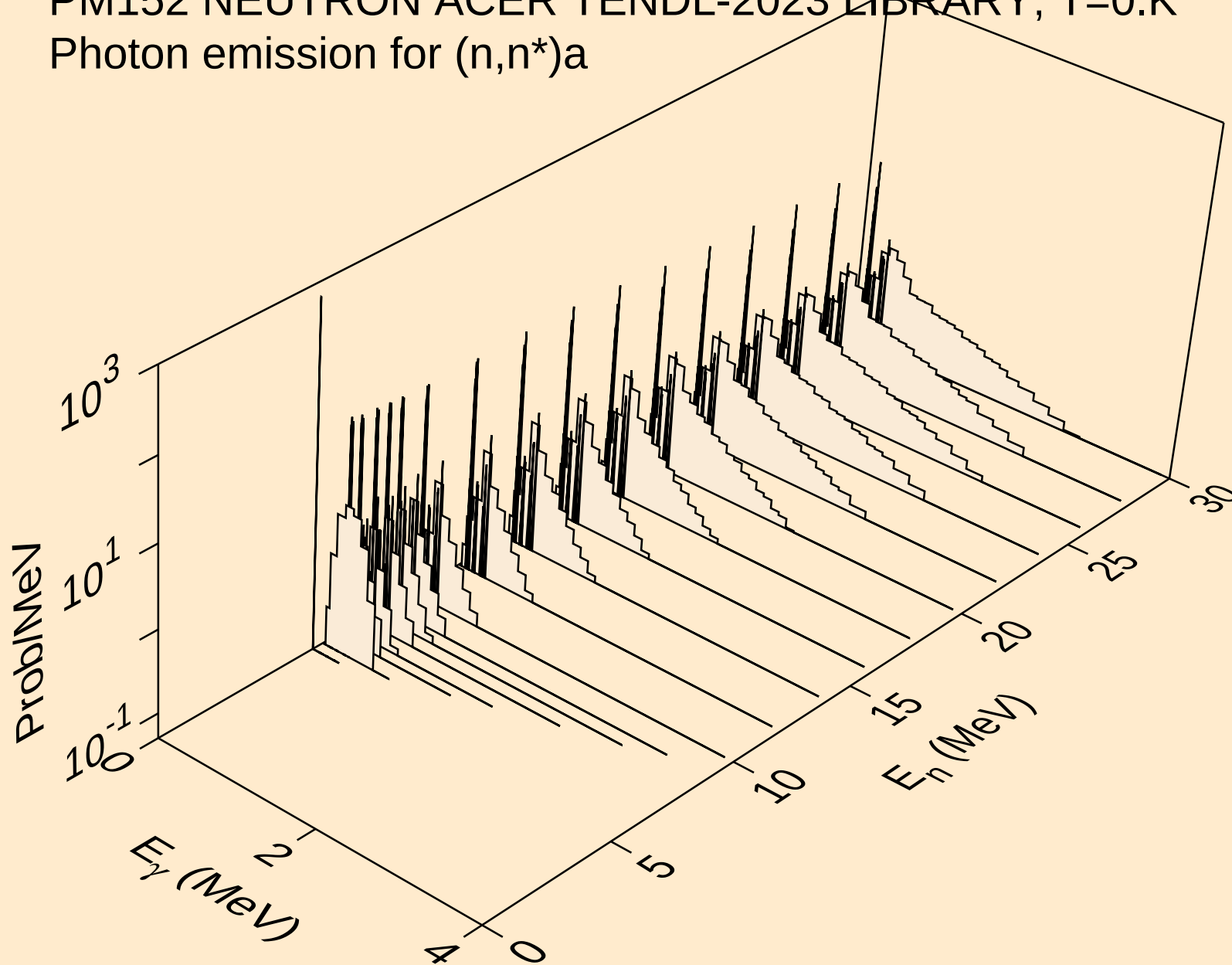
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



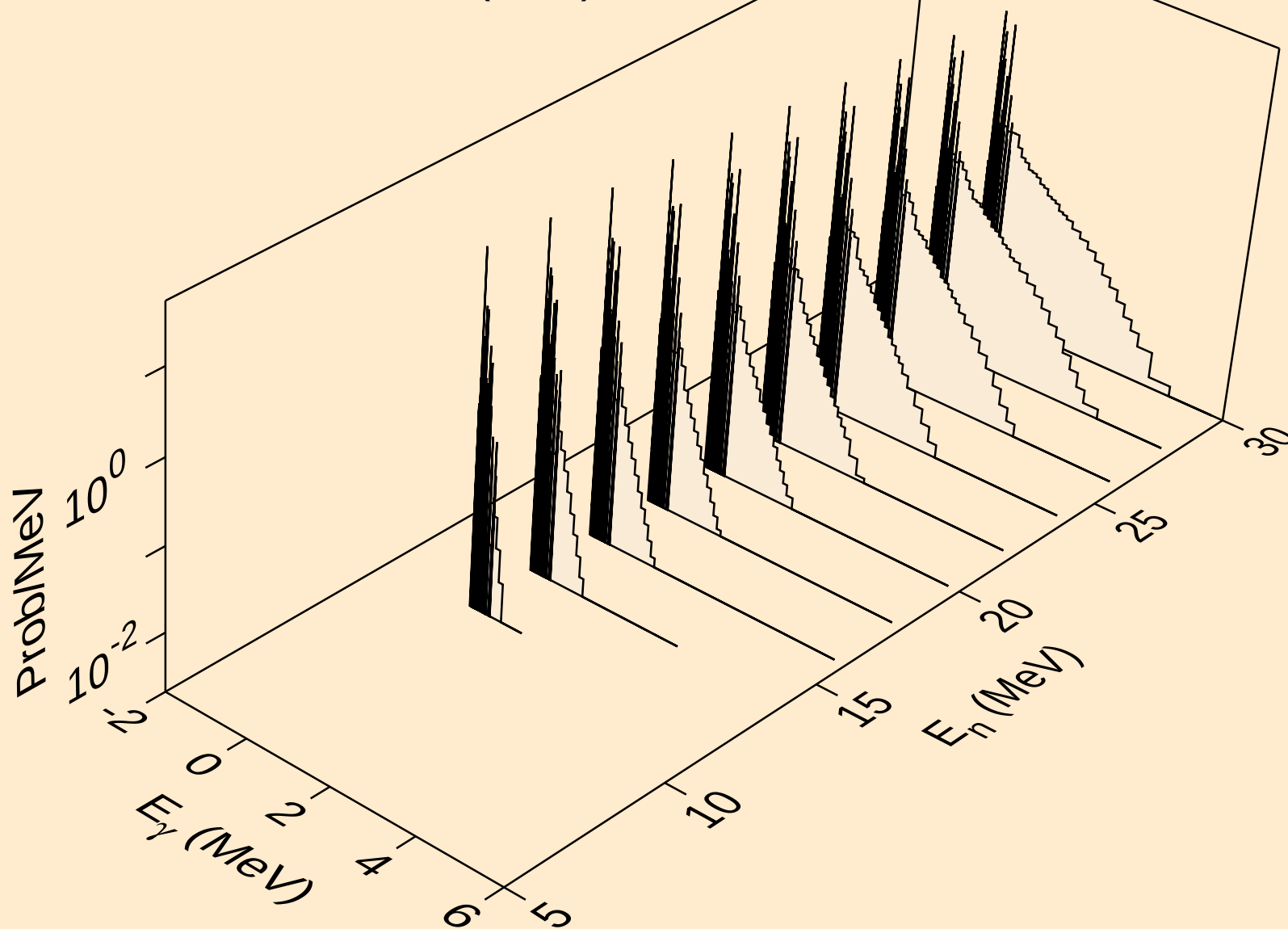
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



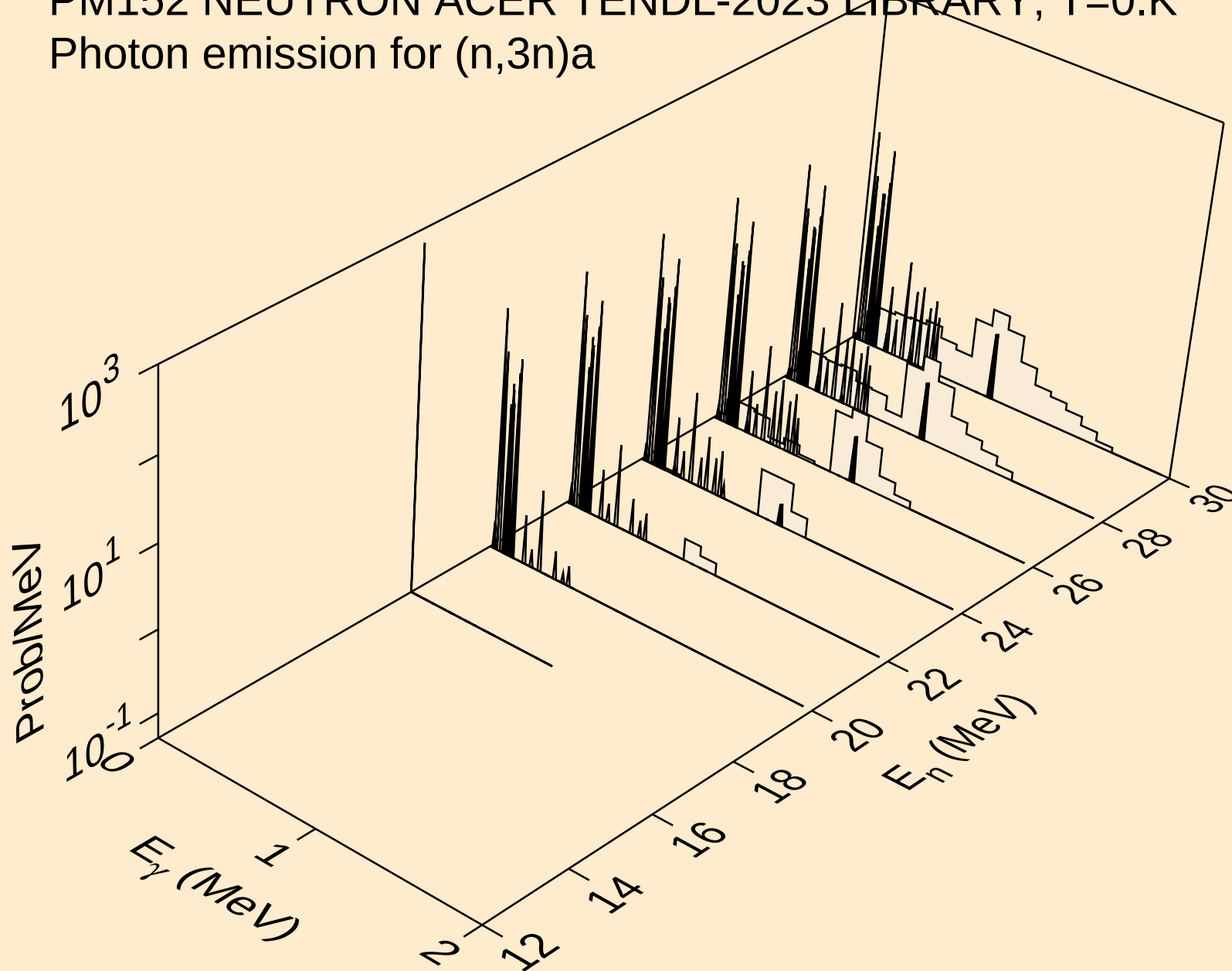
PM152 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)a$



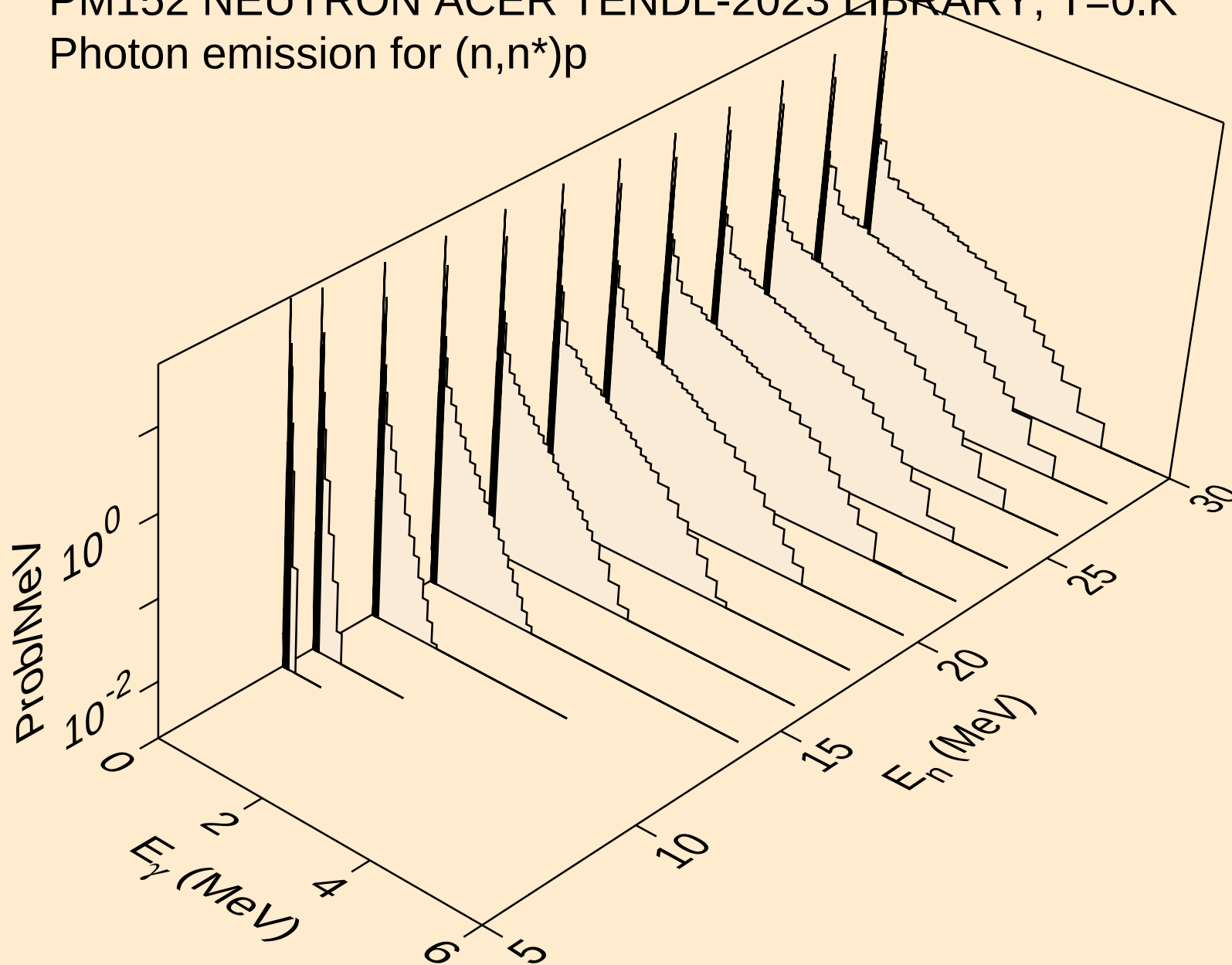
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



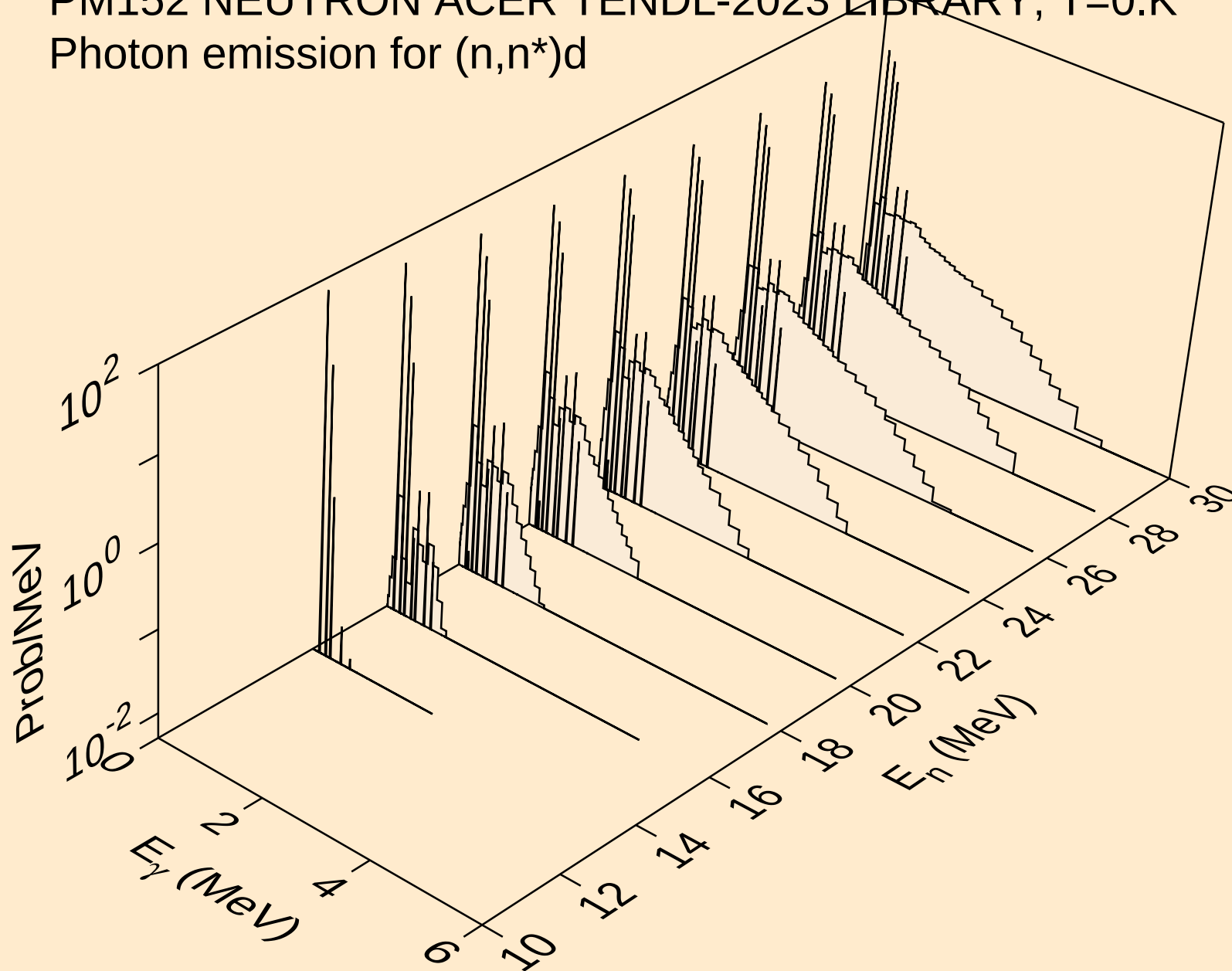
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



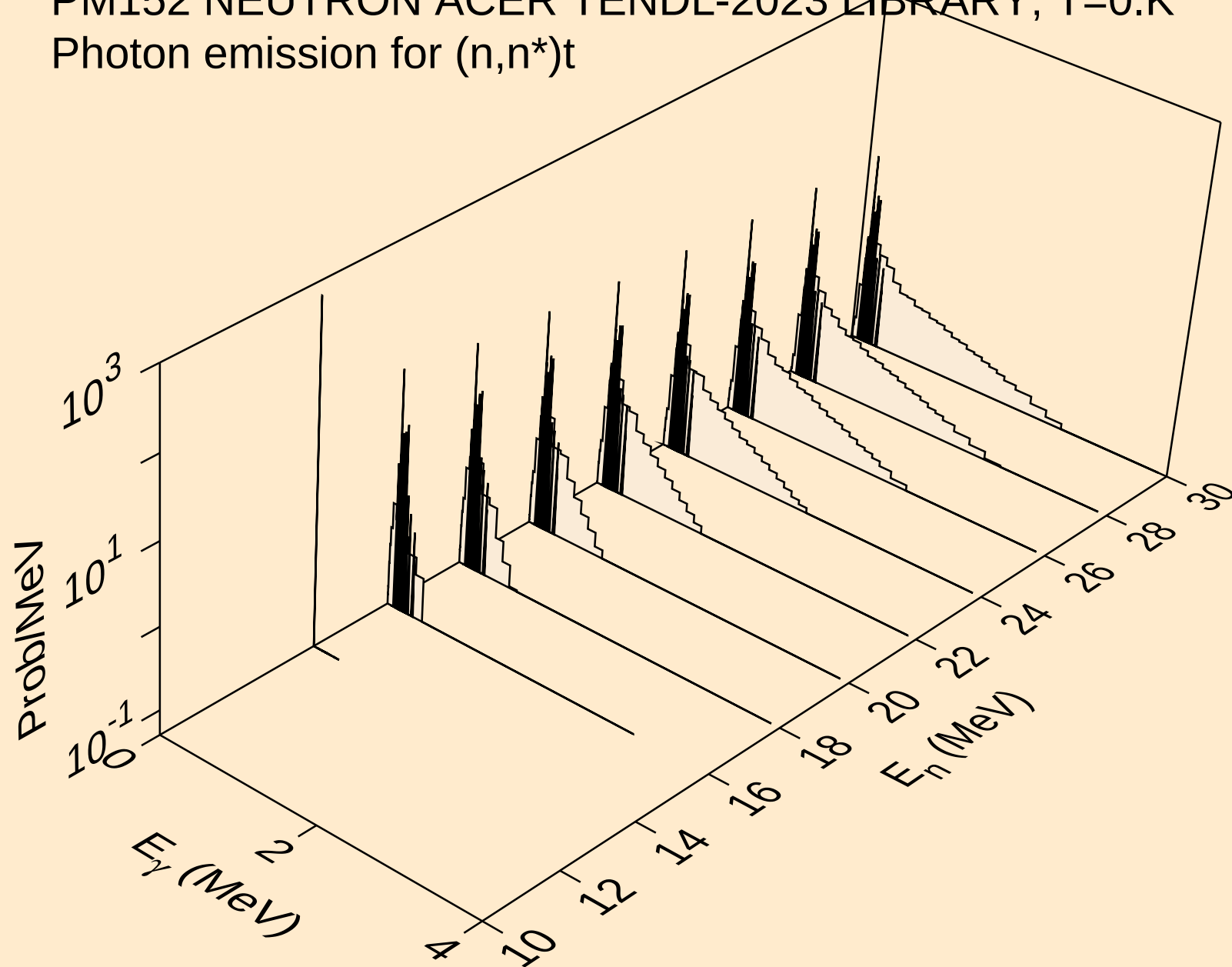
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



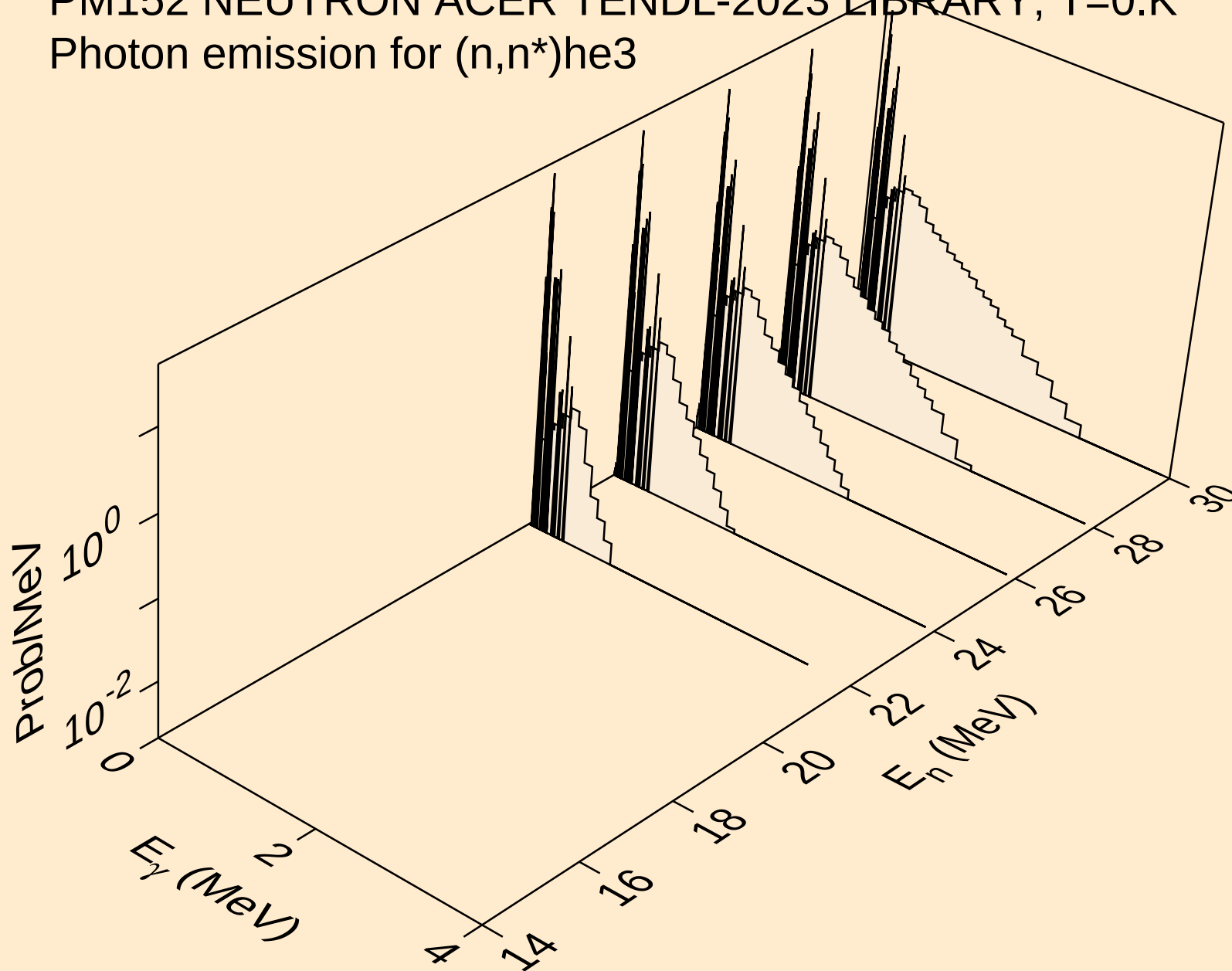
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



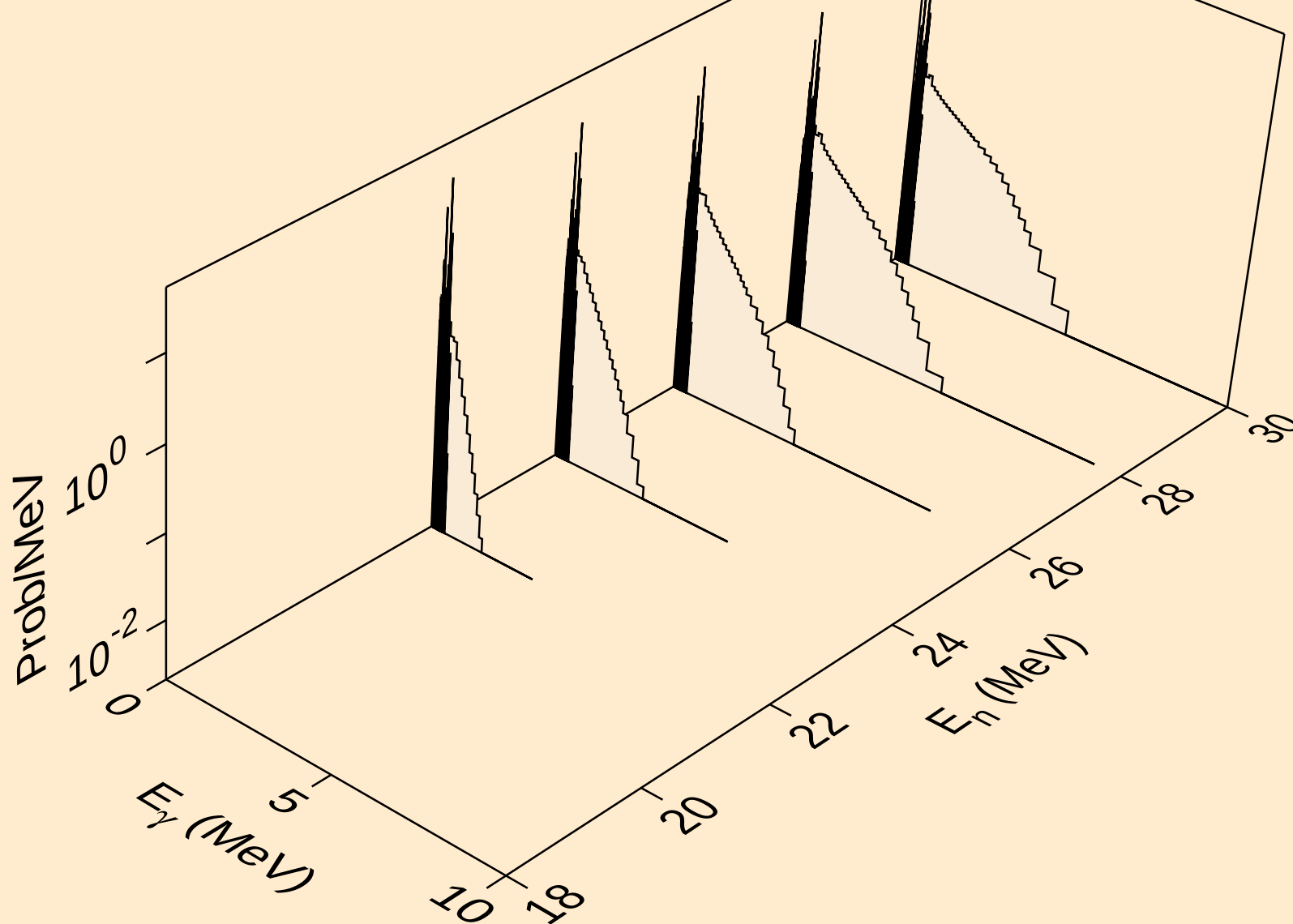
PM152 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)t$



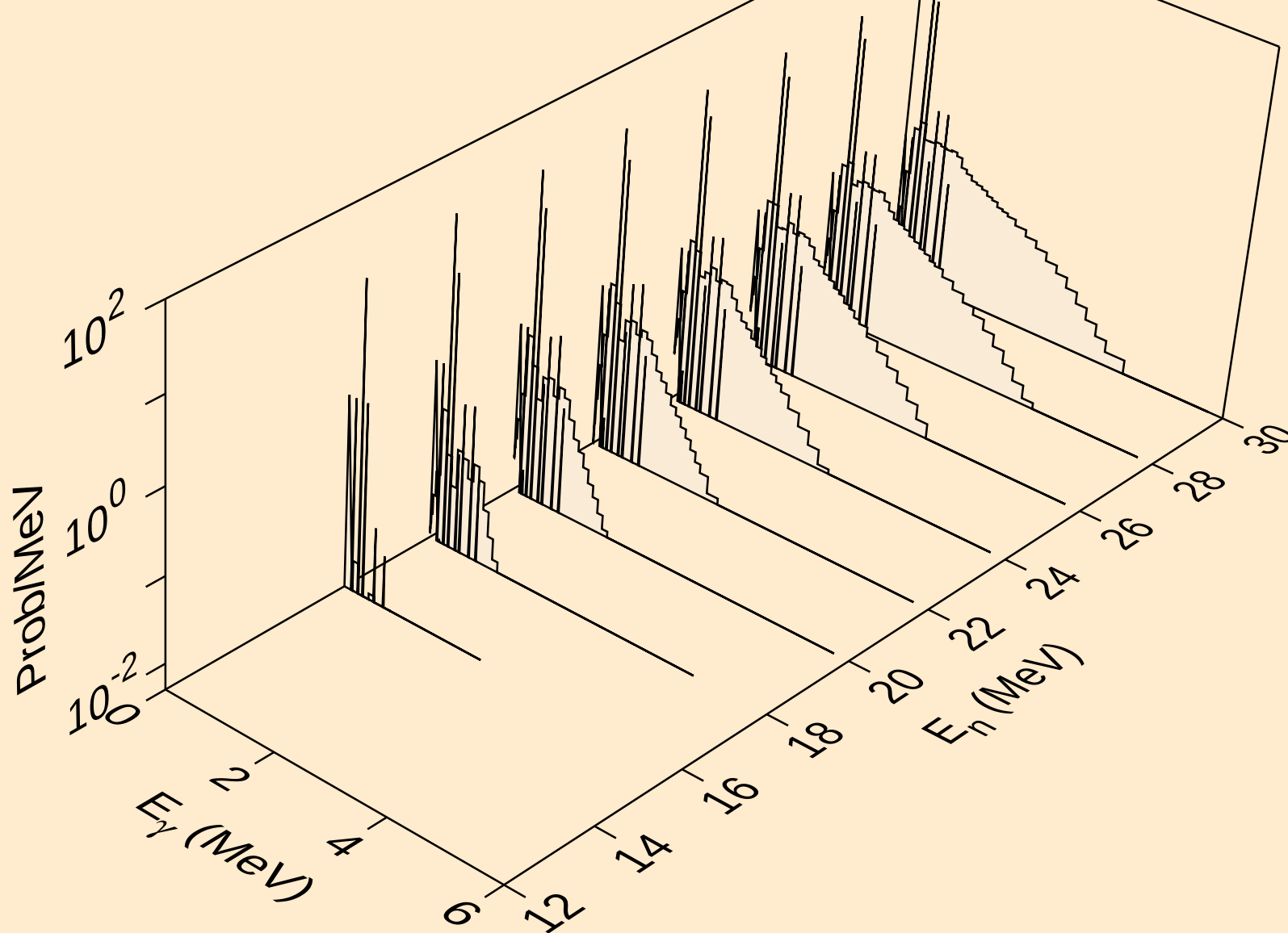
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



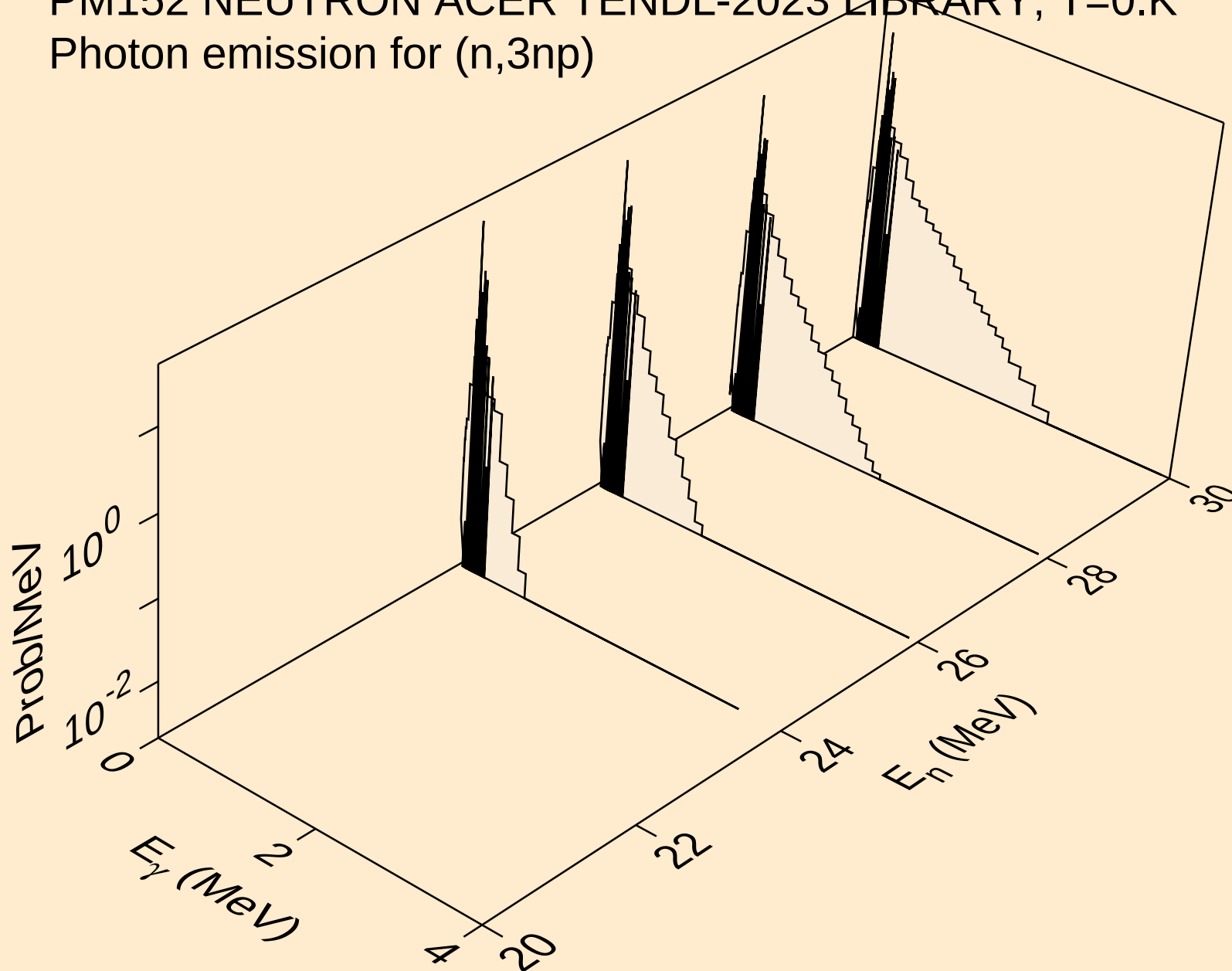
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



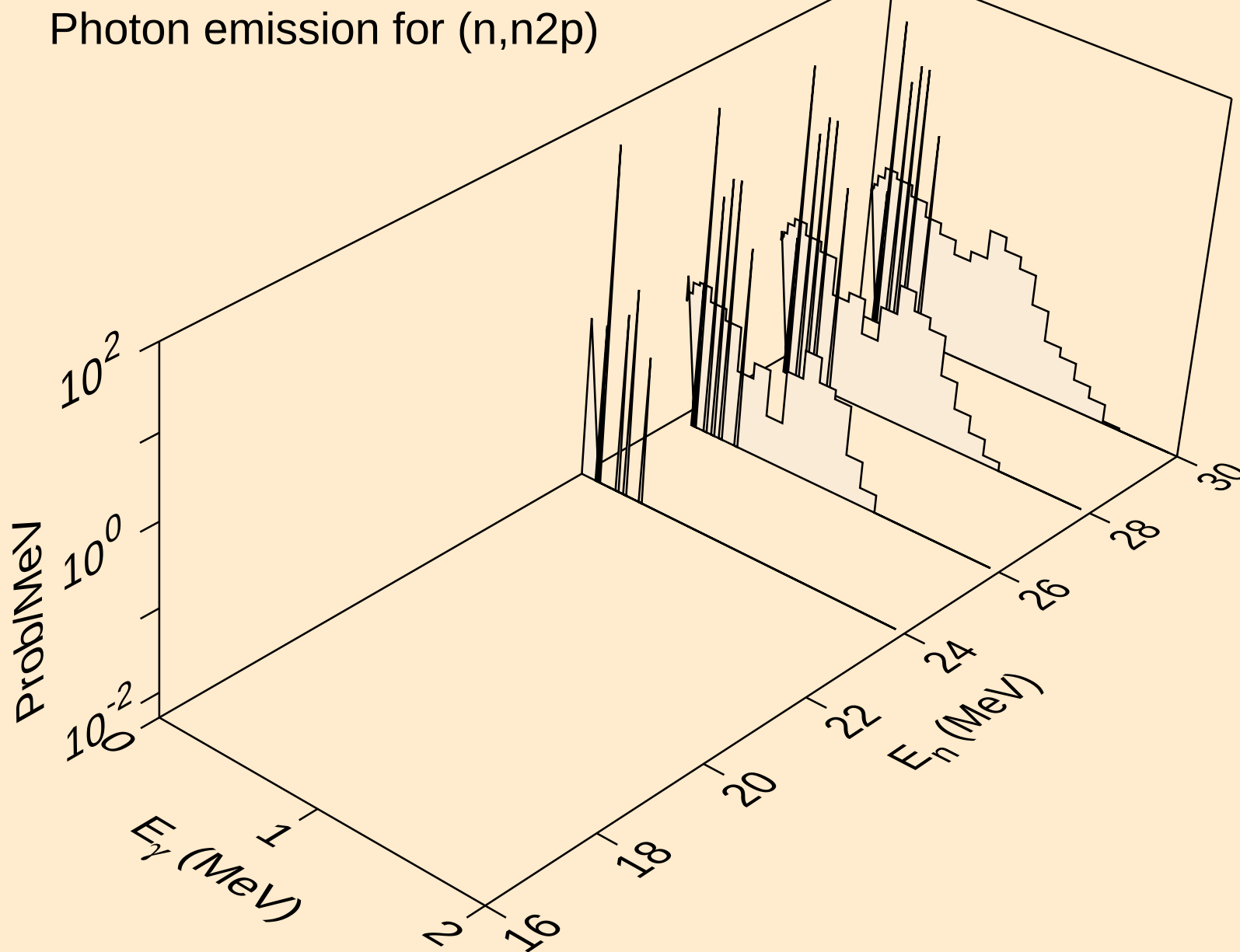
PM152 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2np)



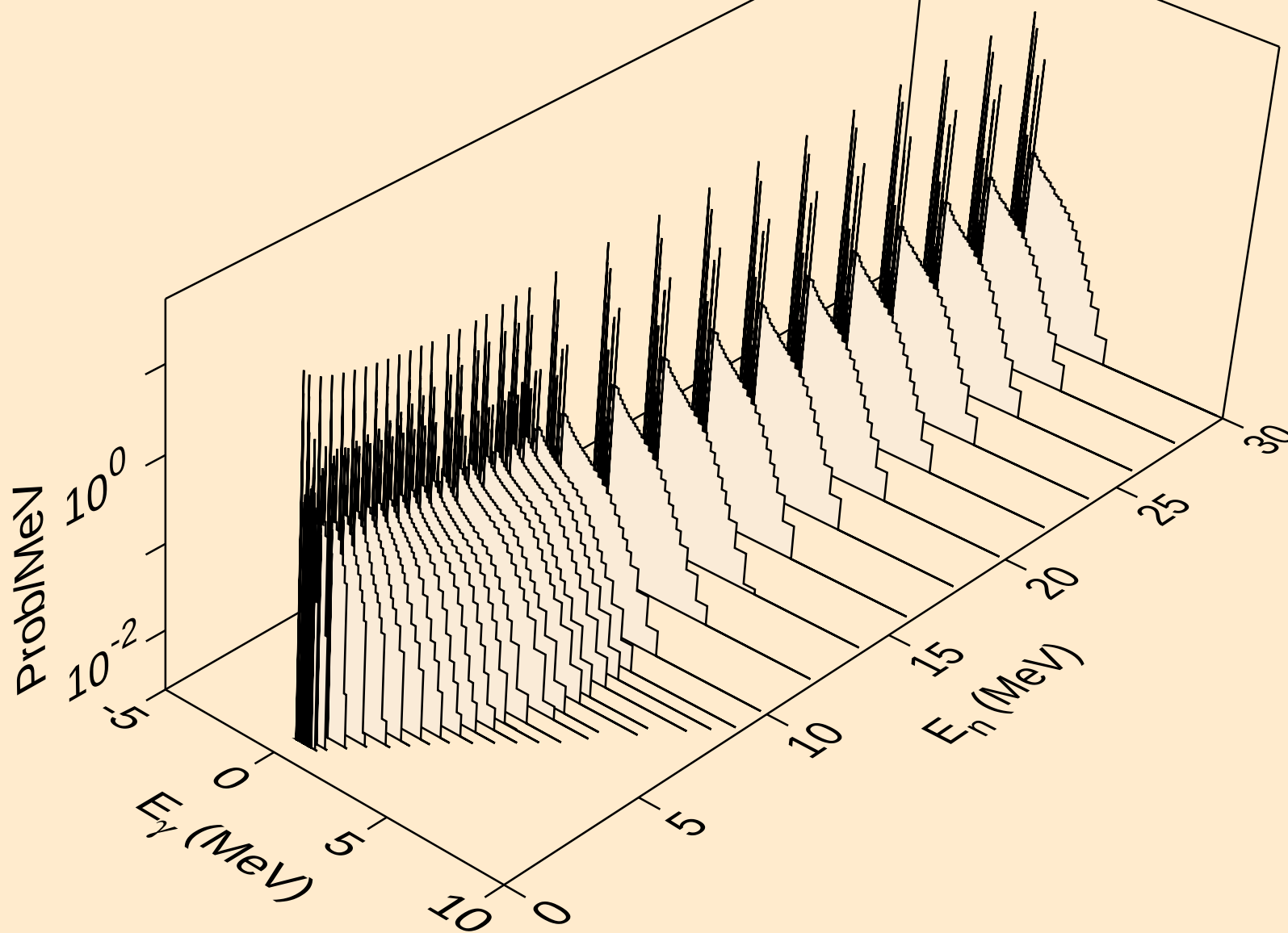
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



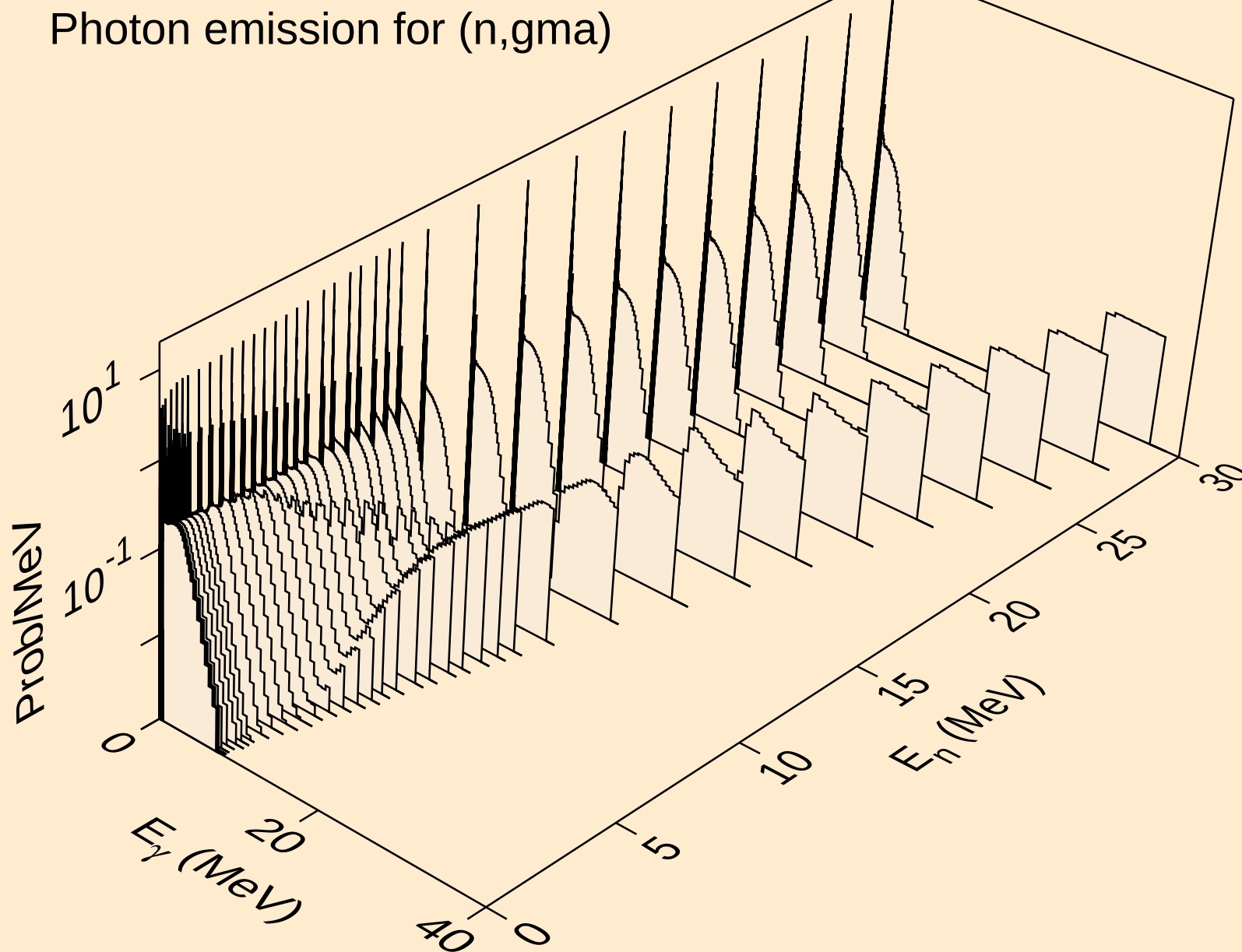
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



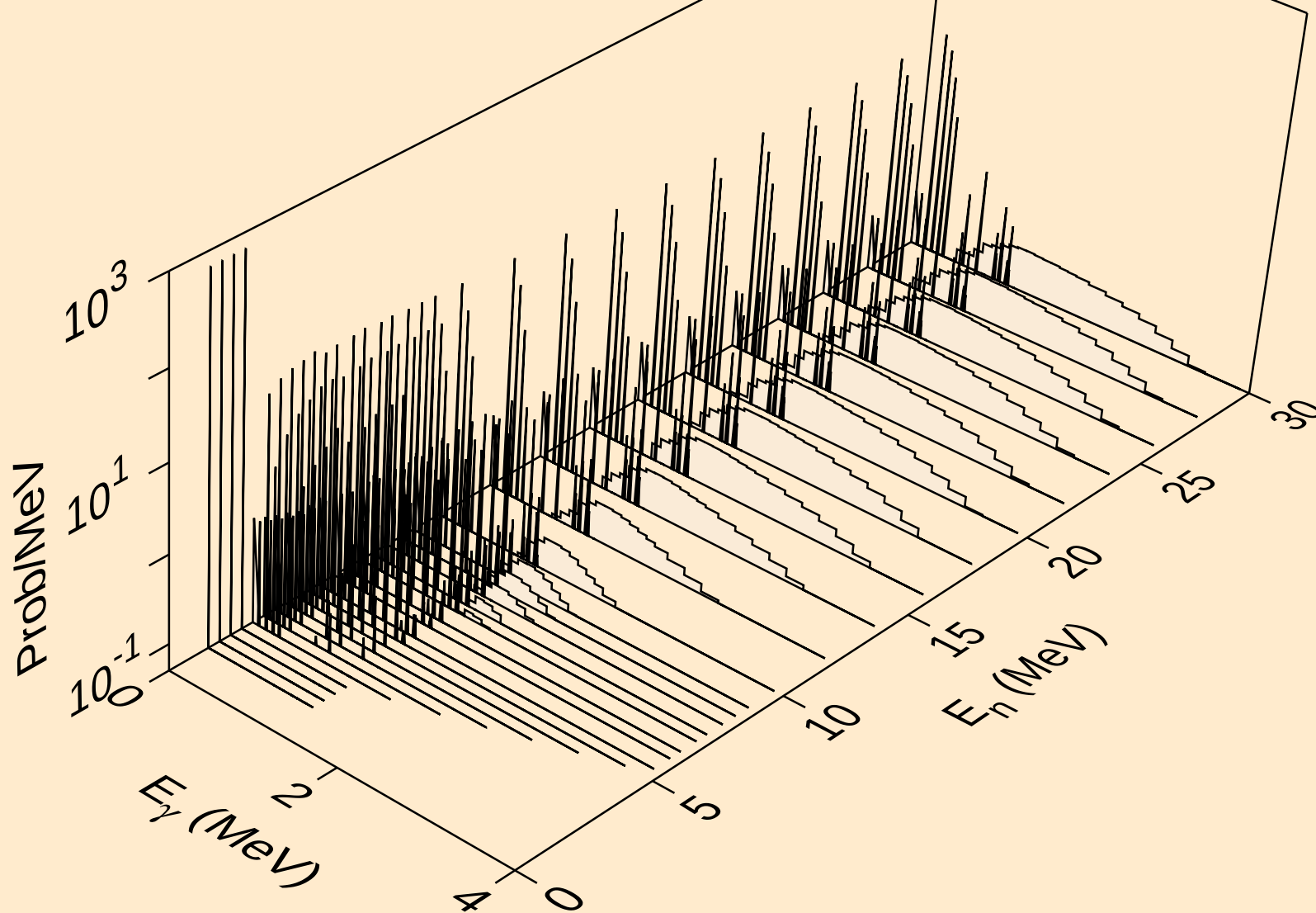
PM152 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n*c)



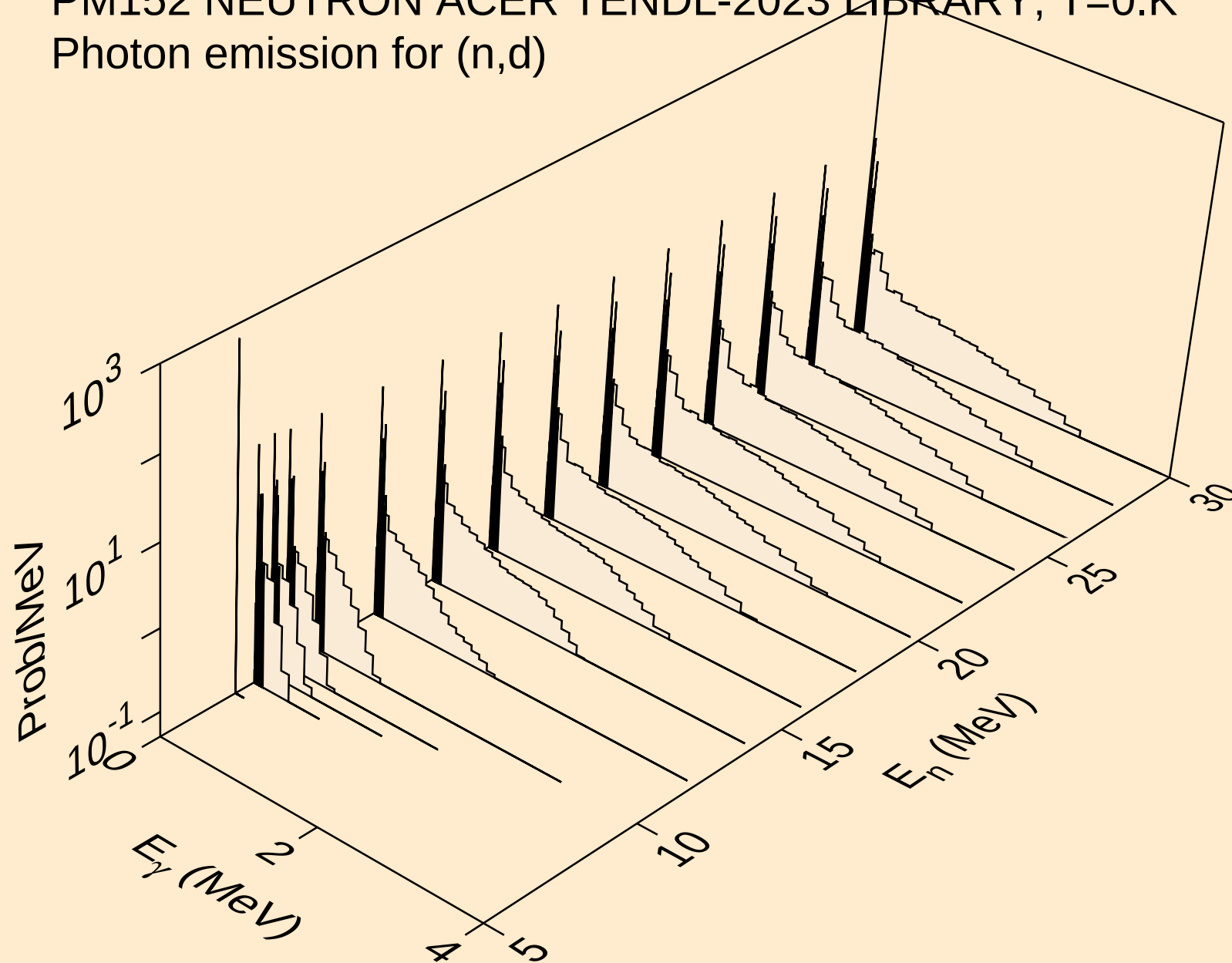
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



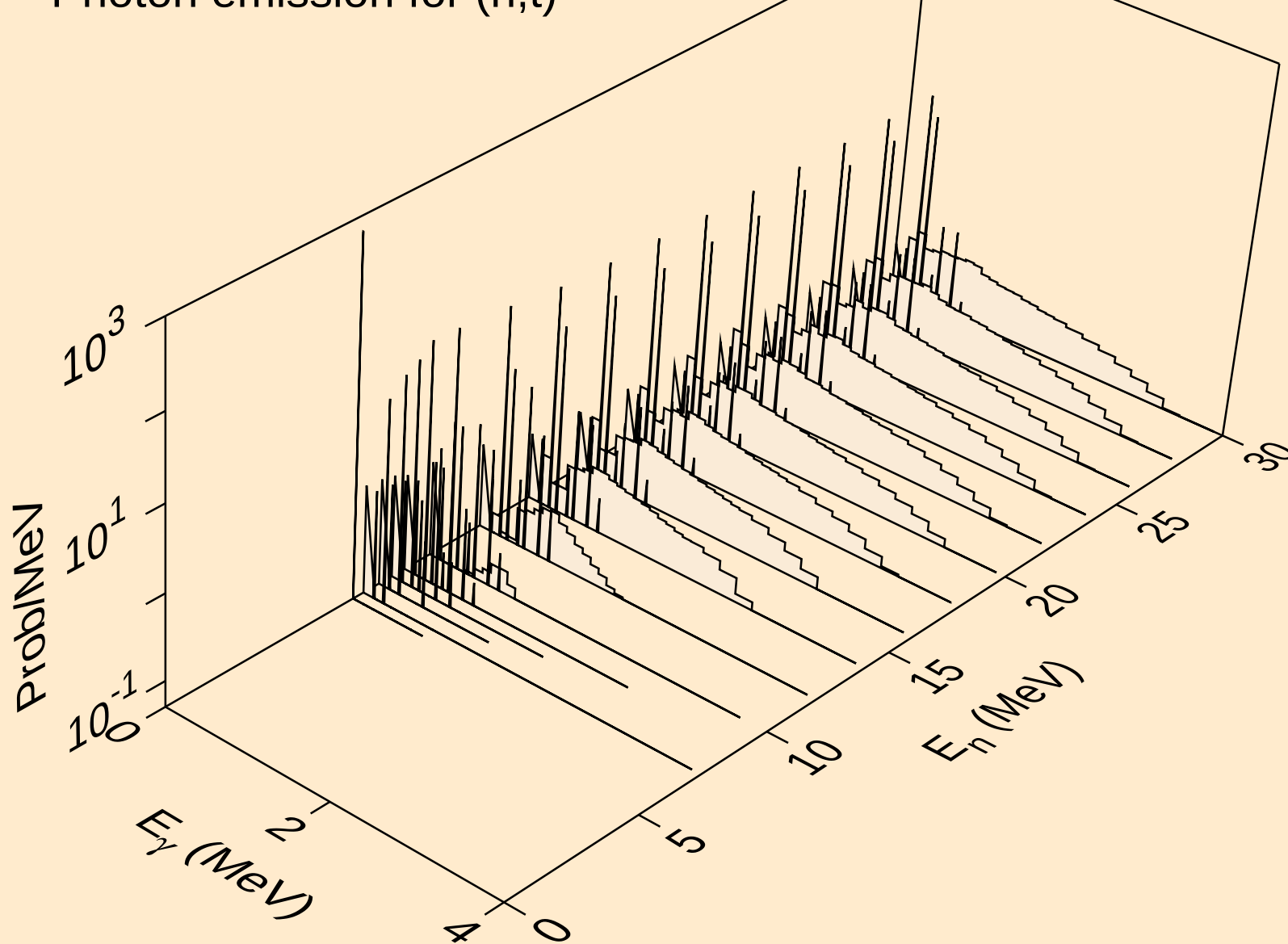
PM152 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p)



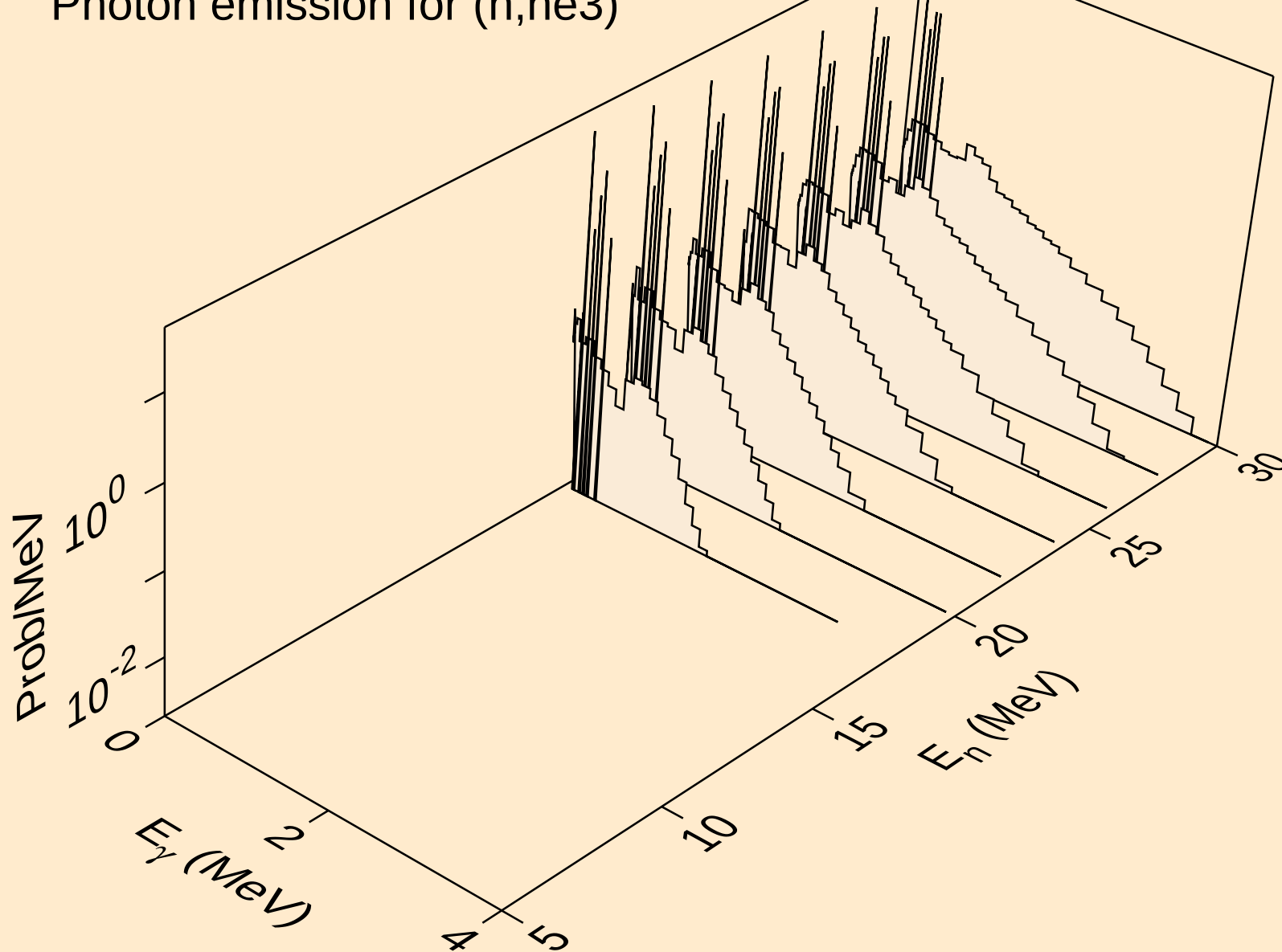
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



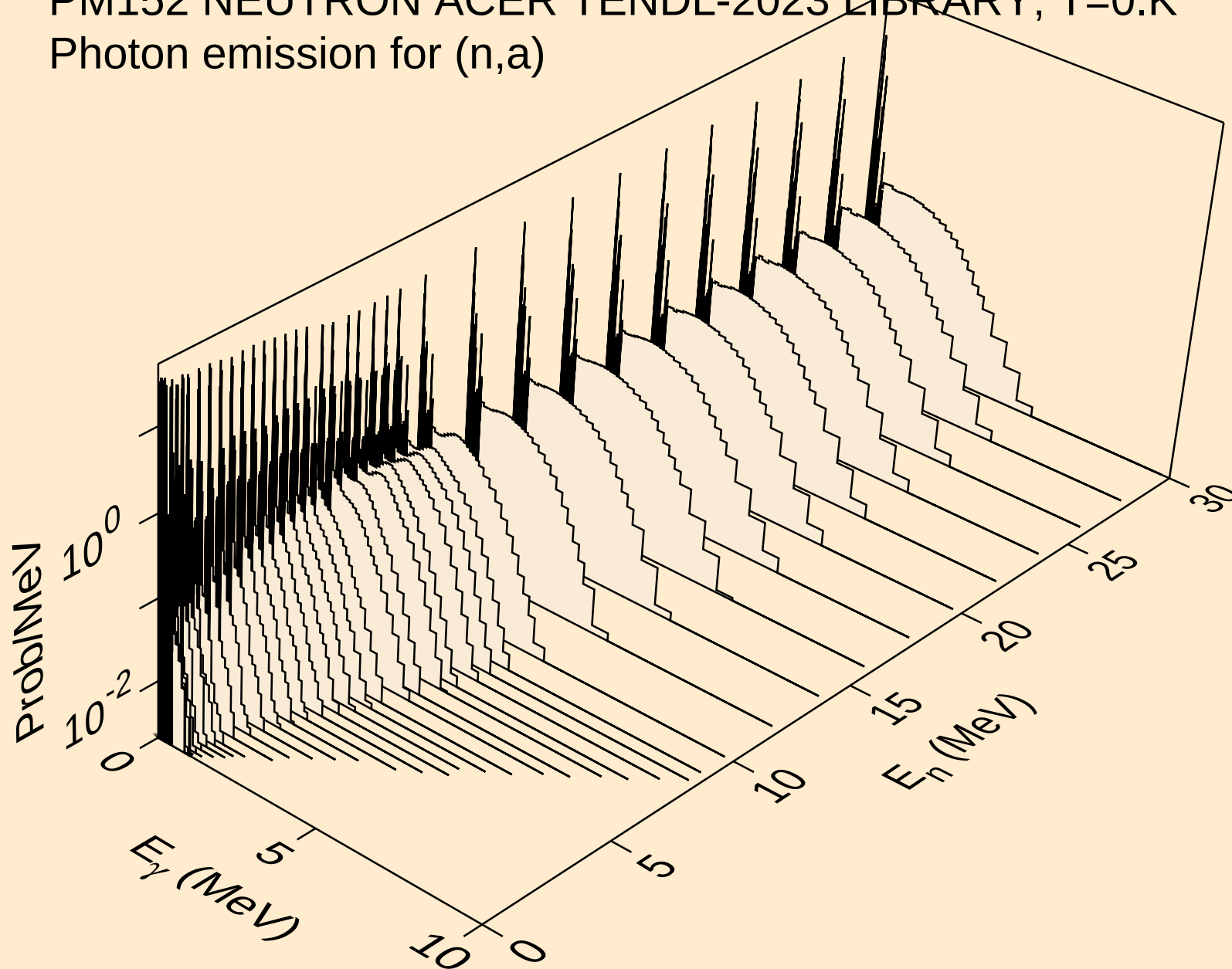
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



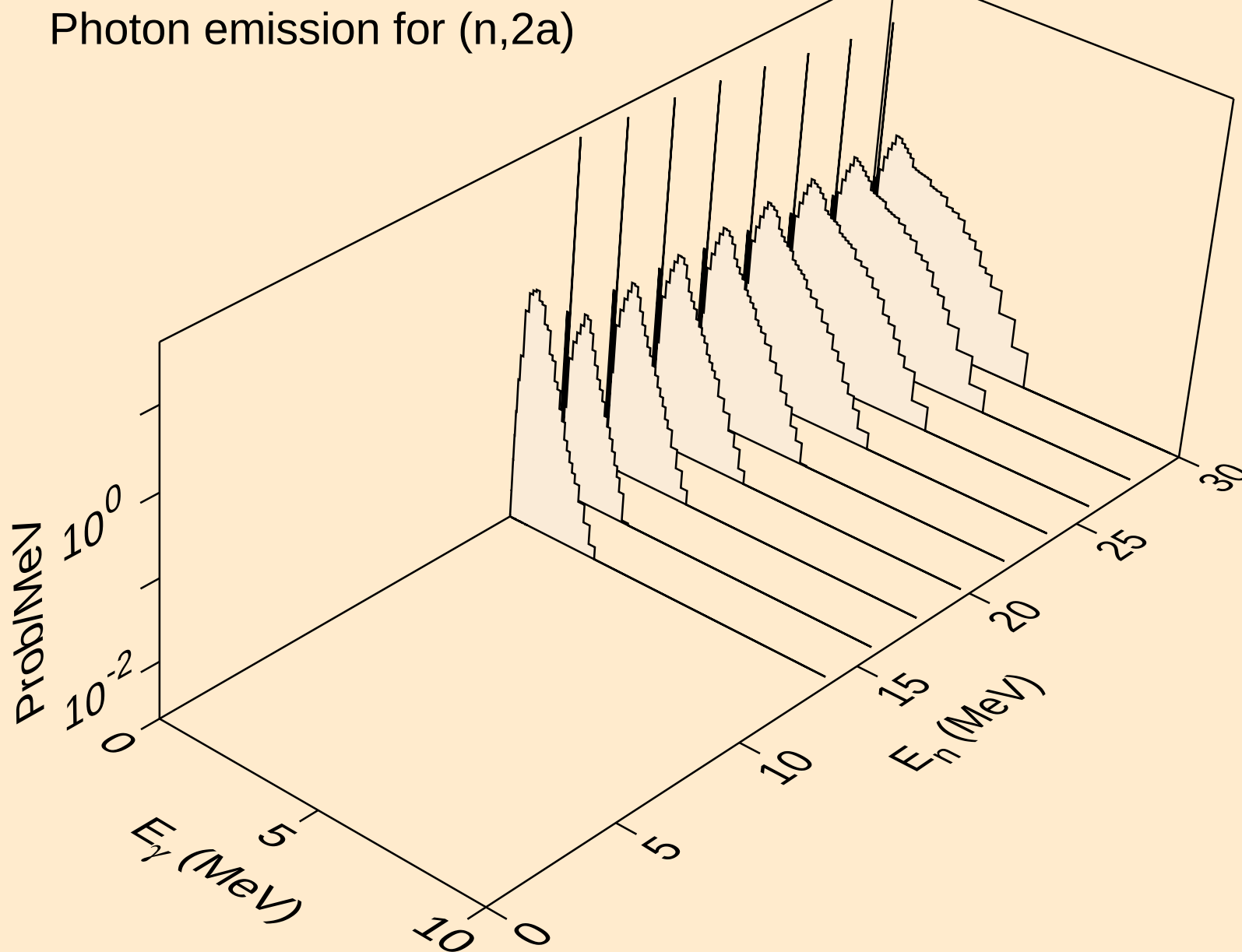
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



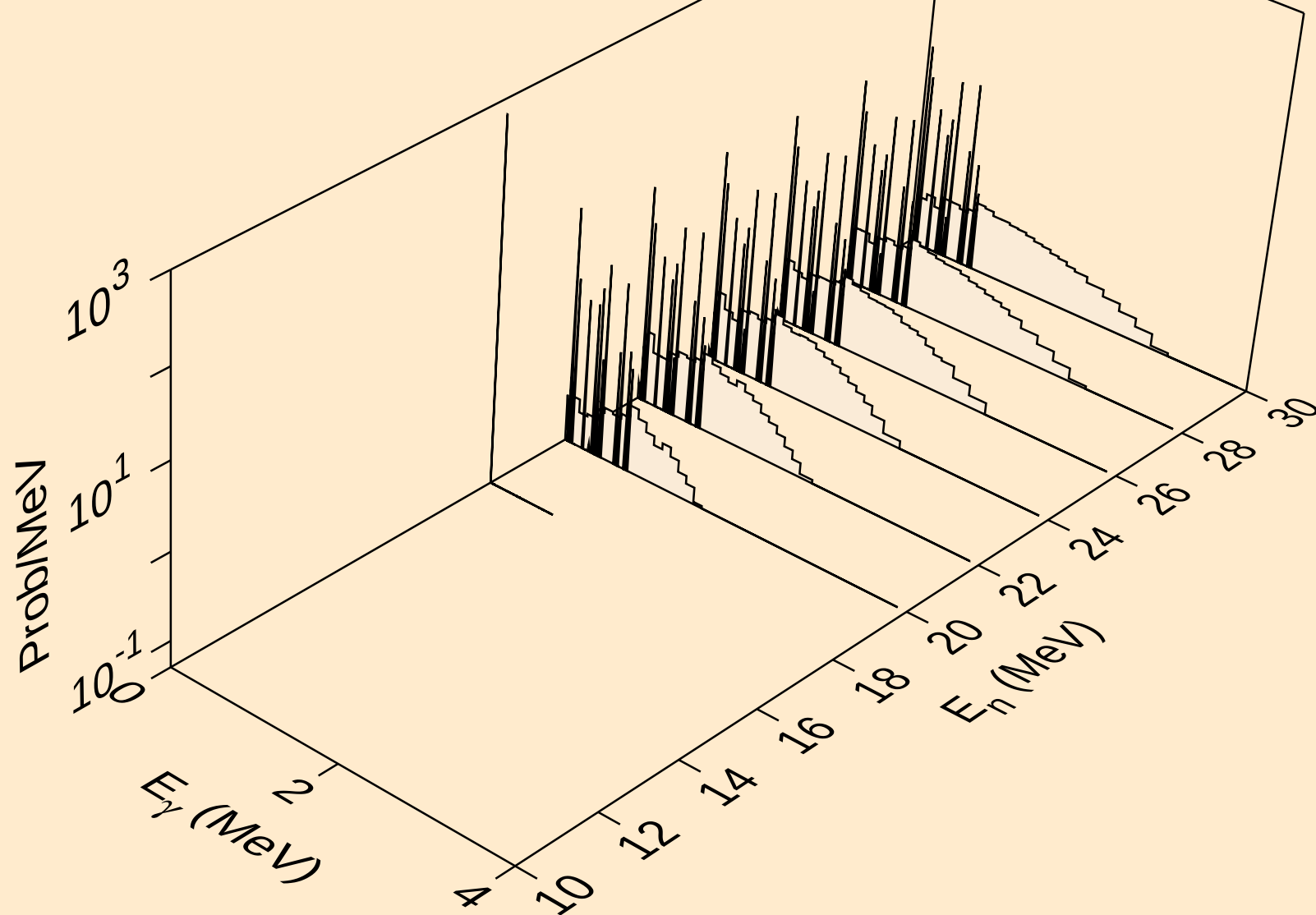
PM152 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,a)



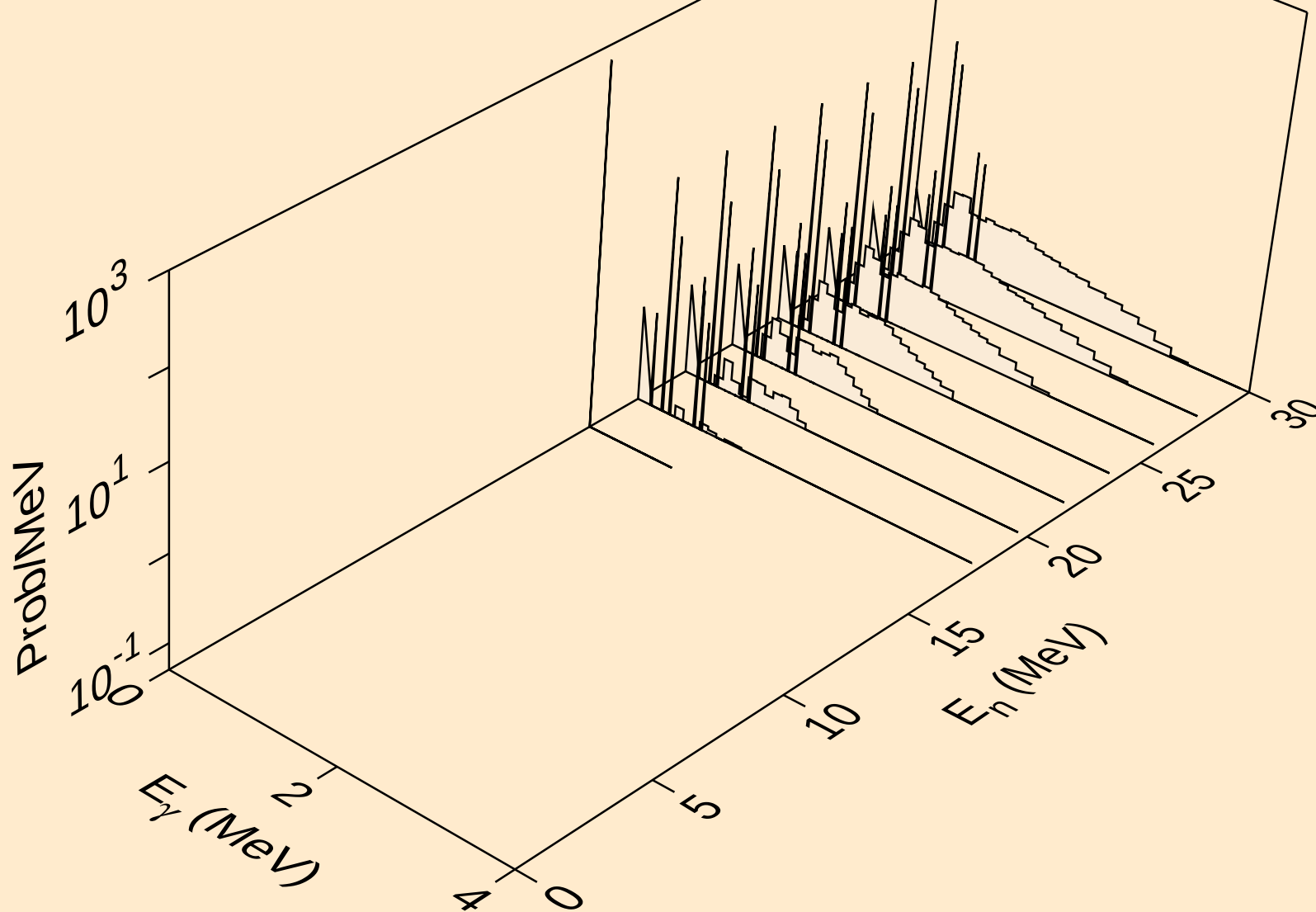
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



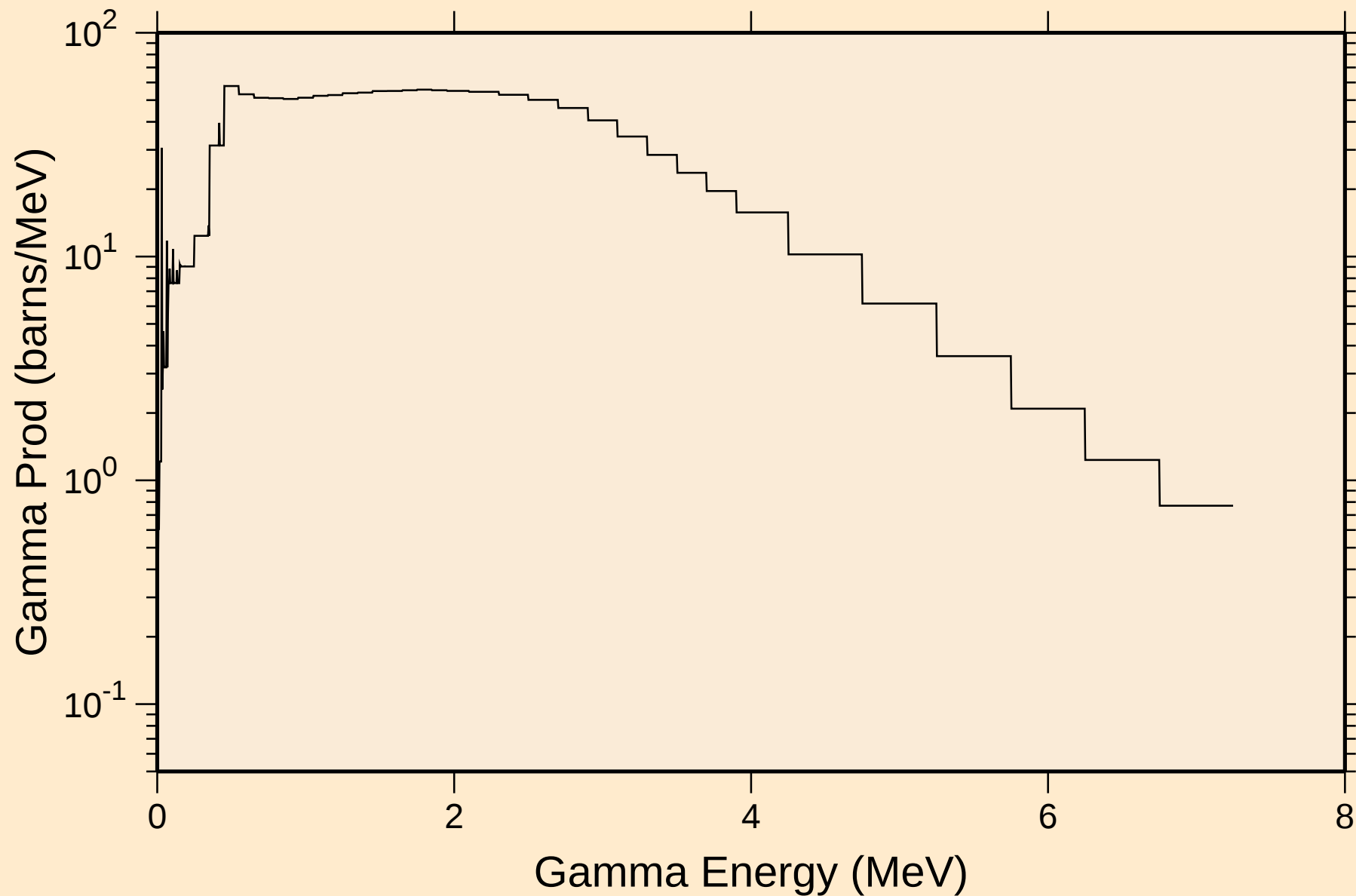
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



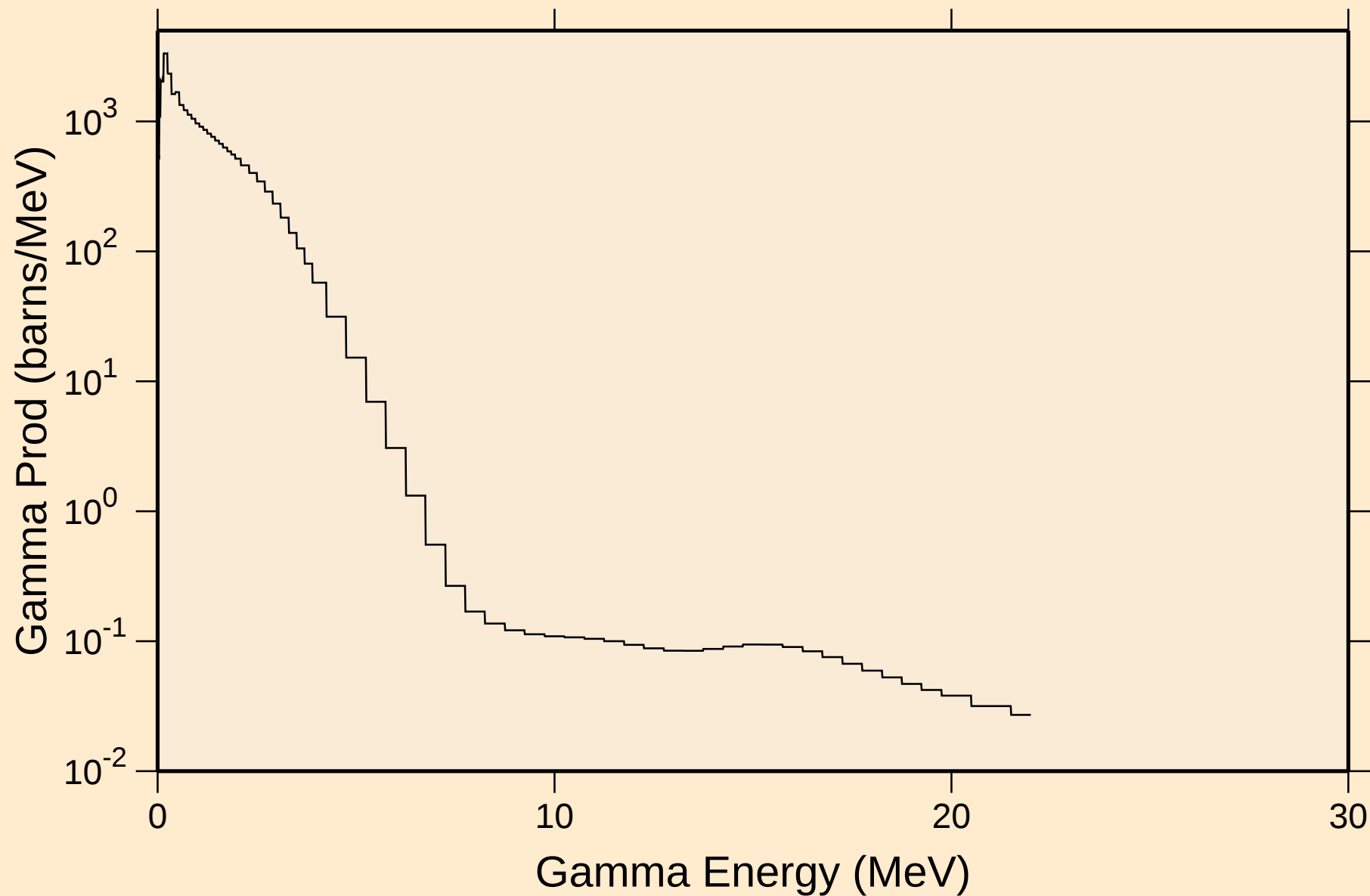
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

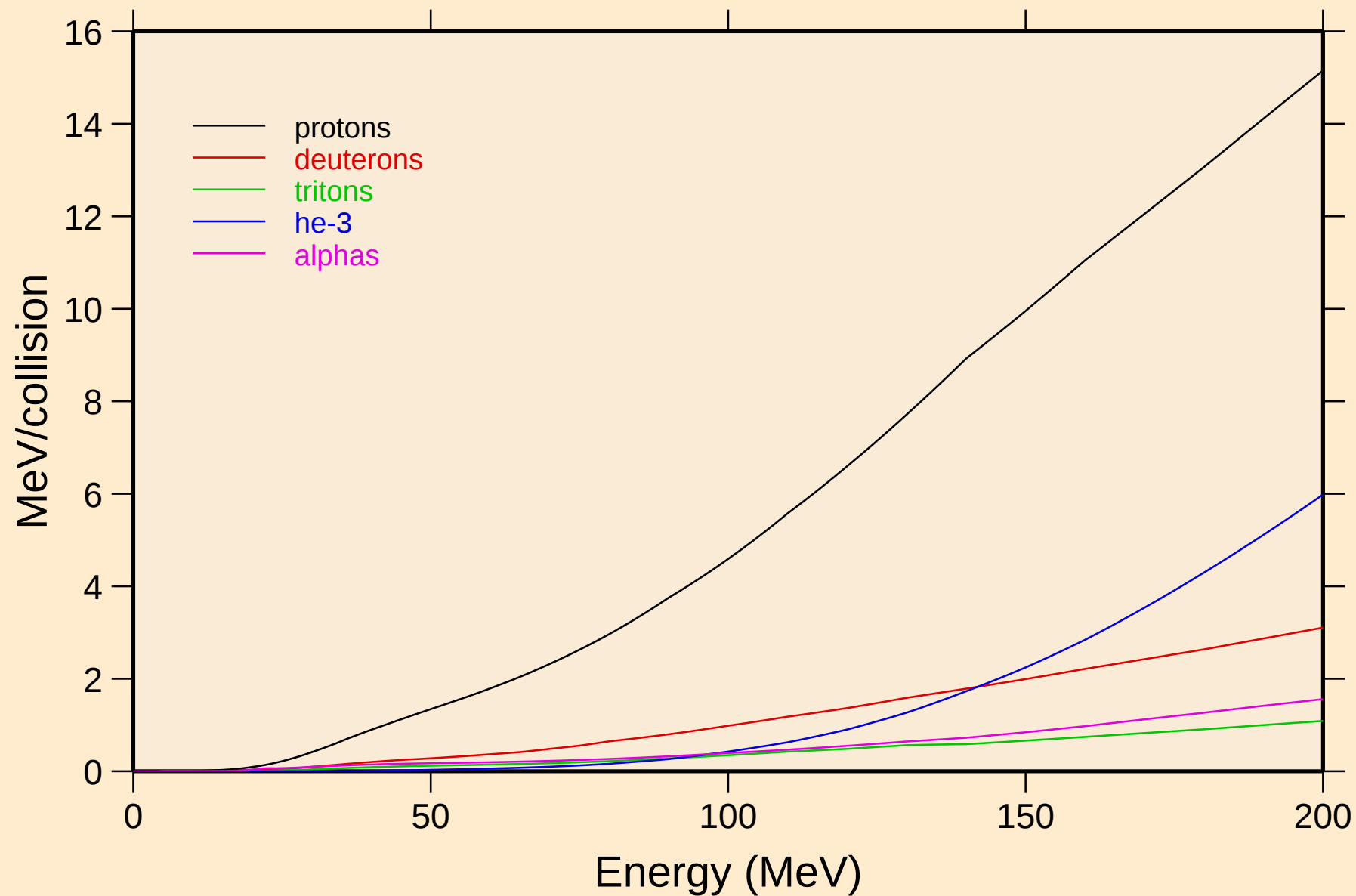


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



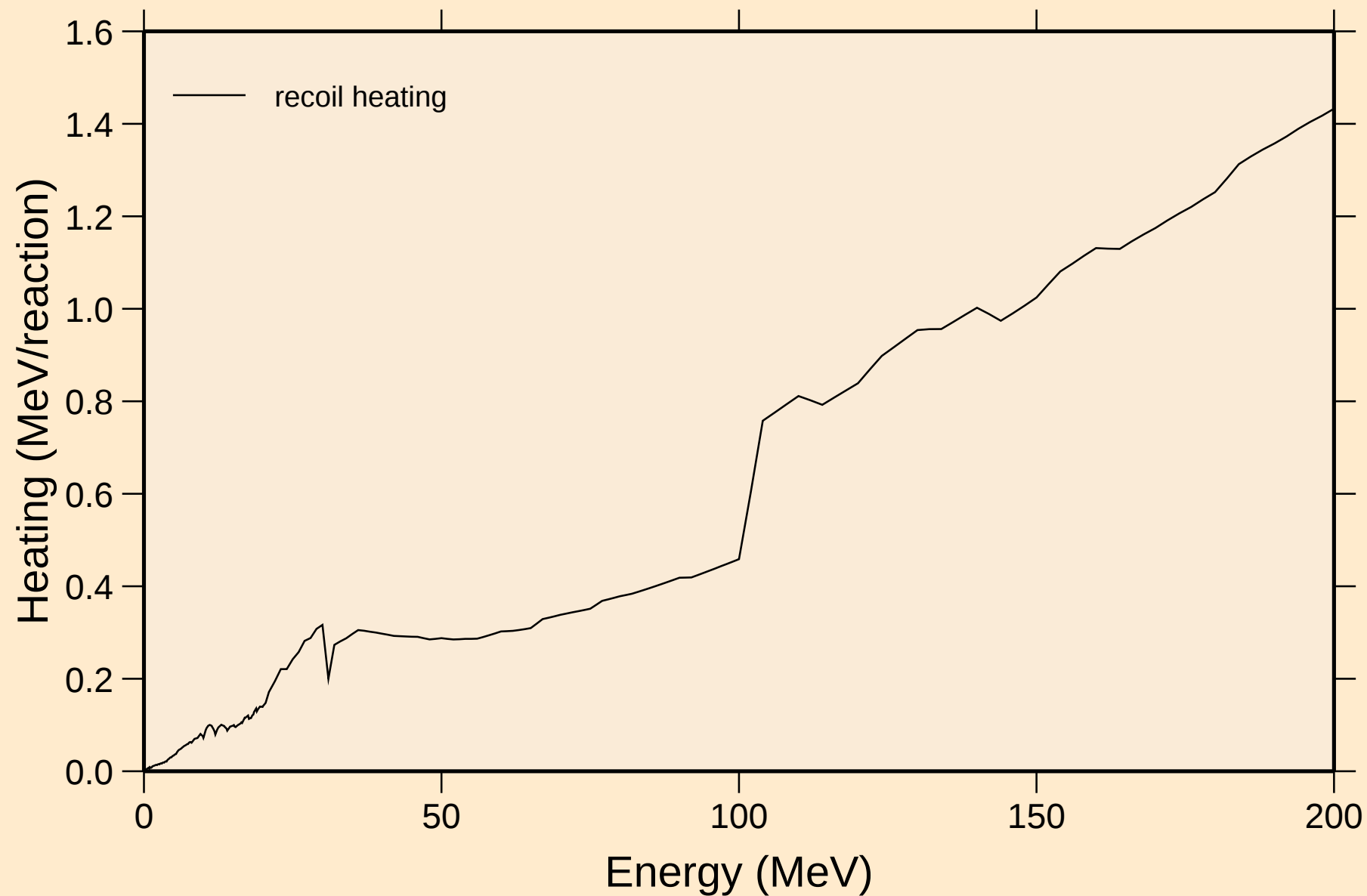
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

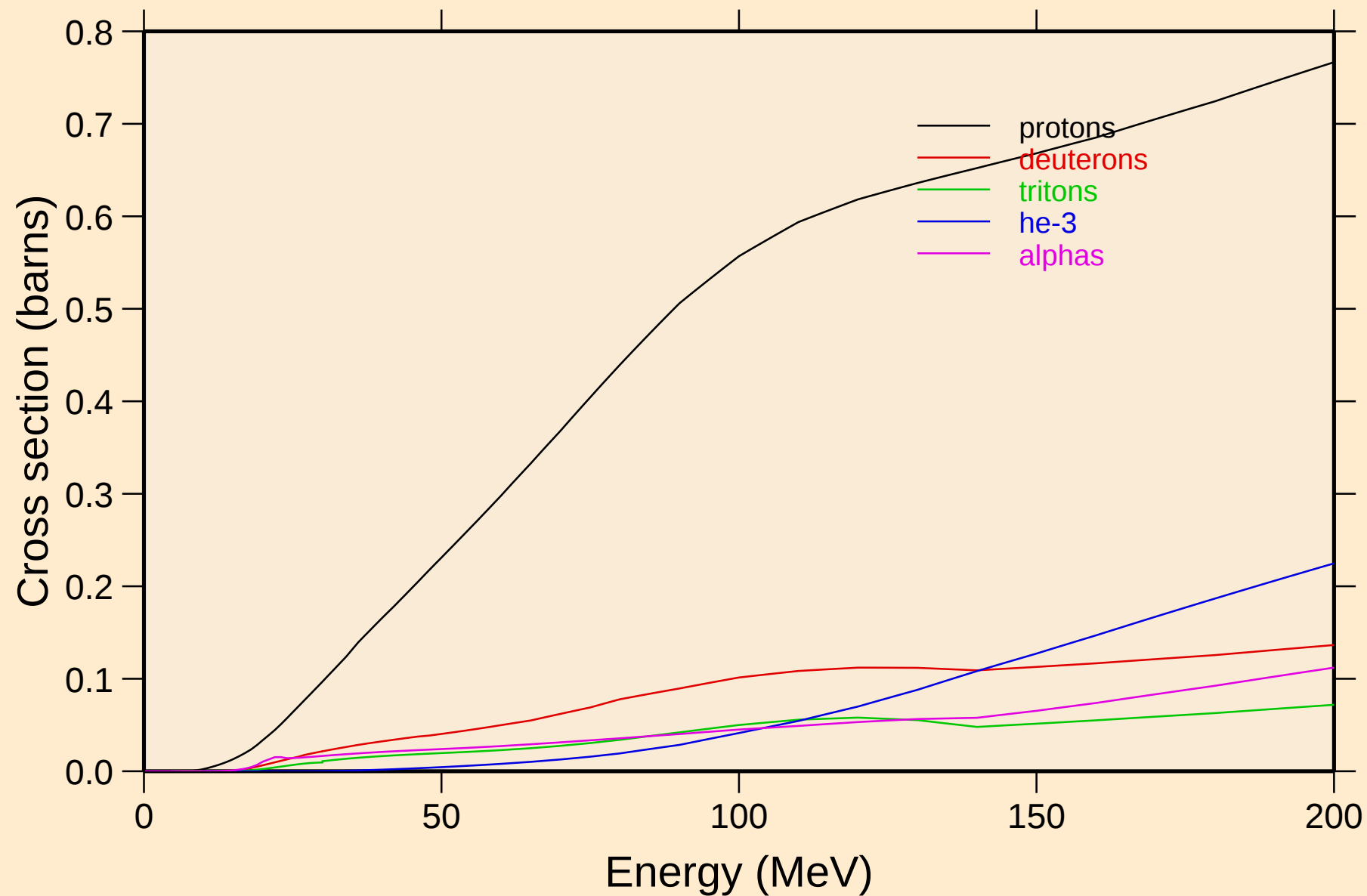


PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

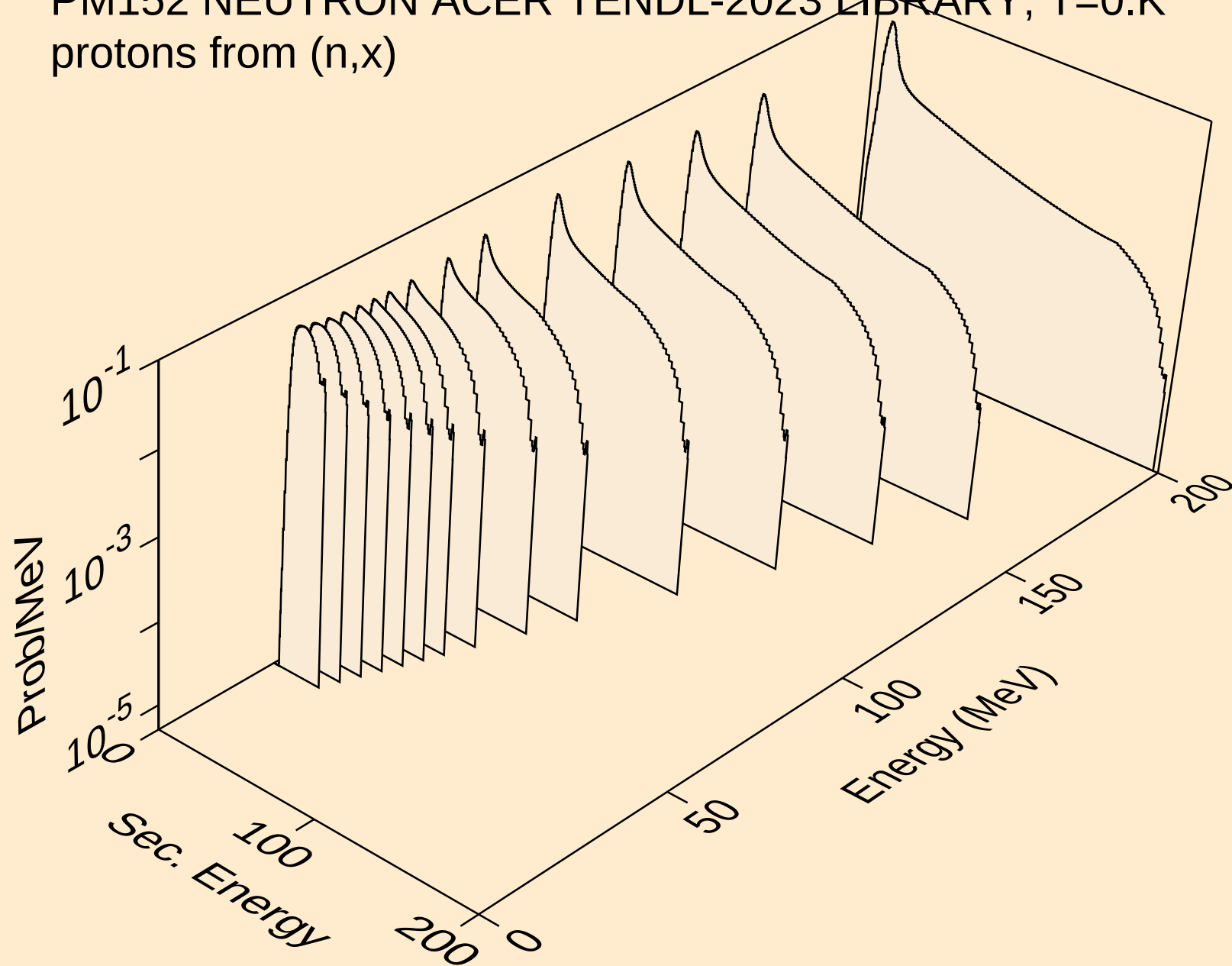
Recoil Heating



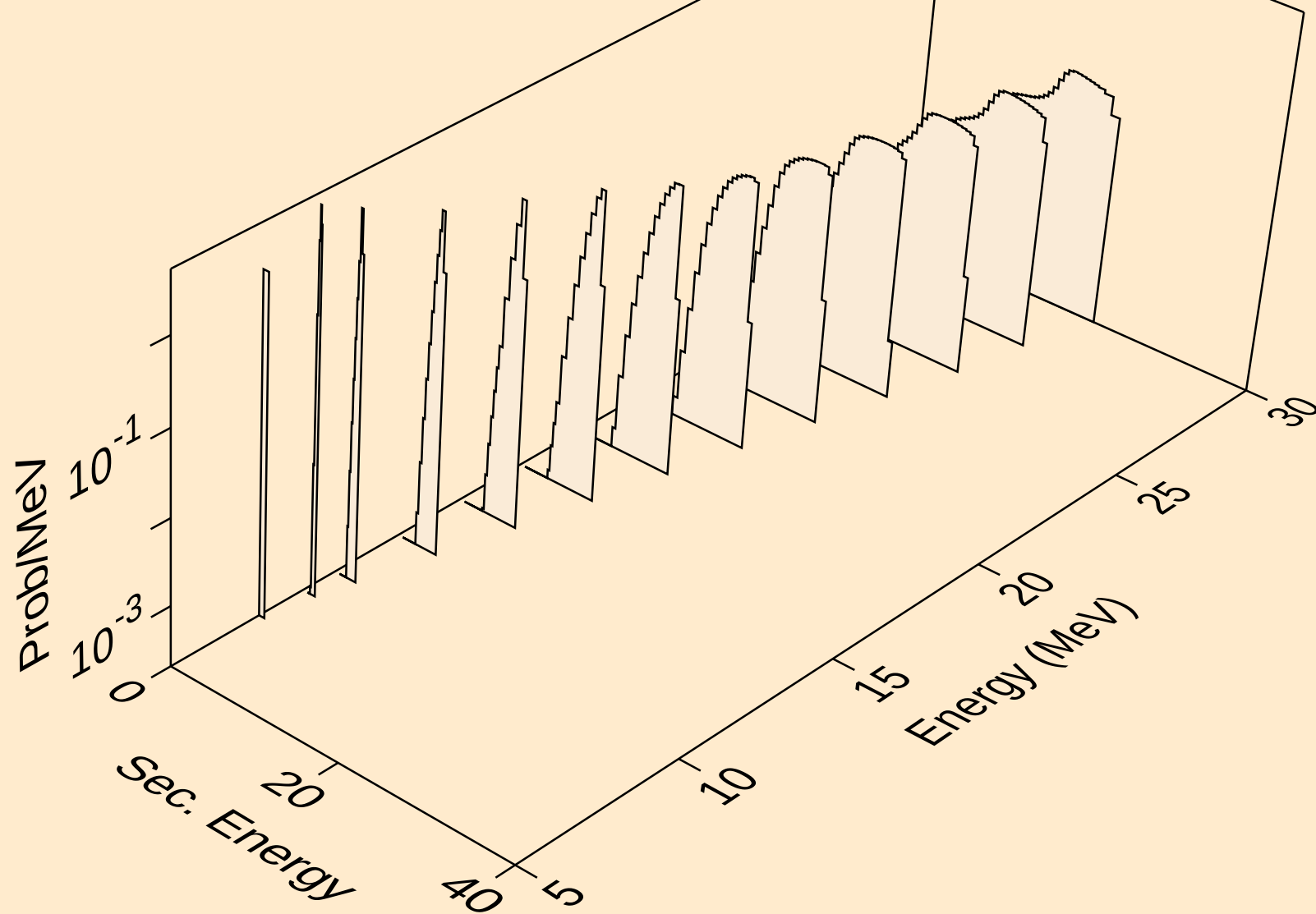
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



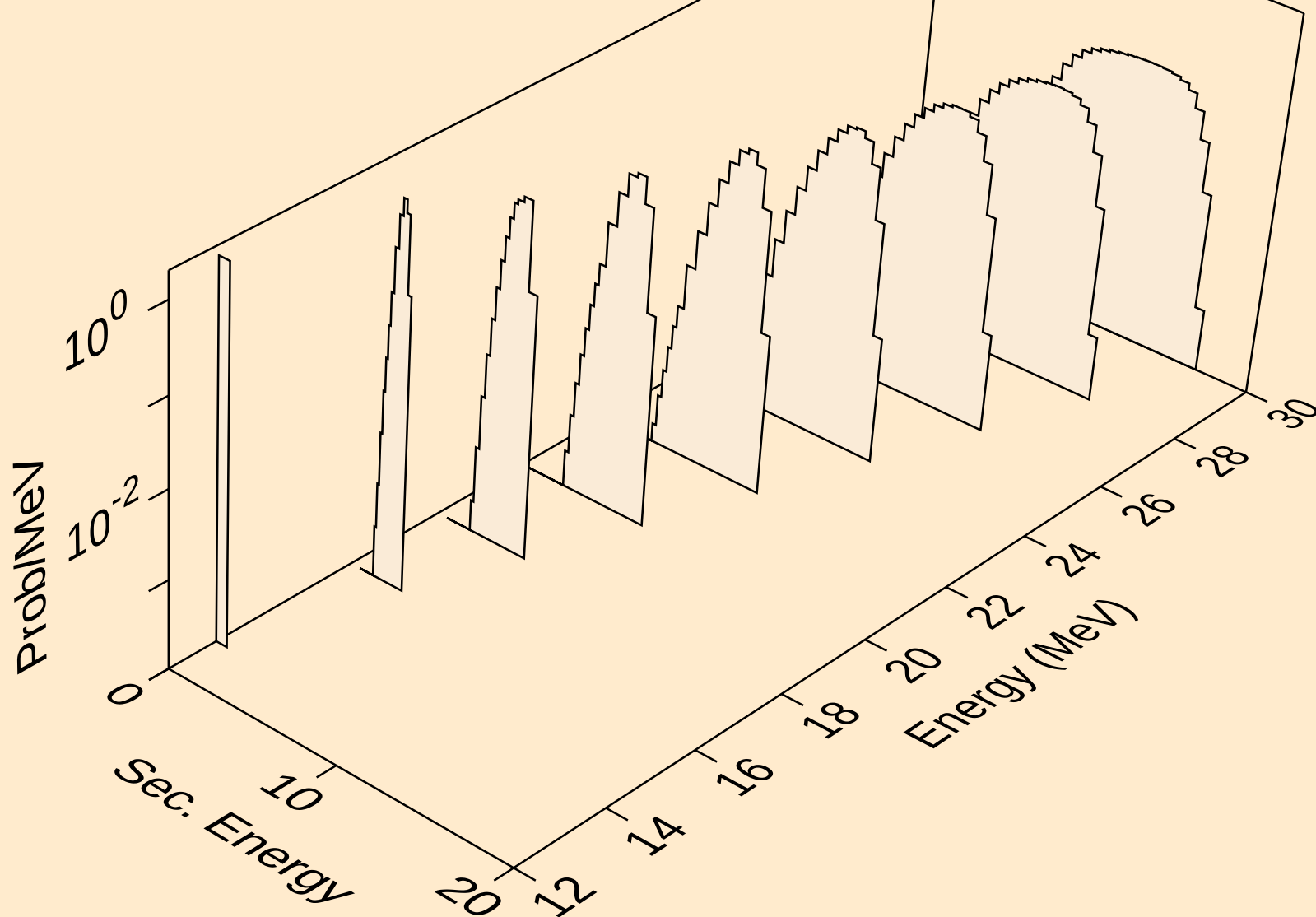
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



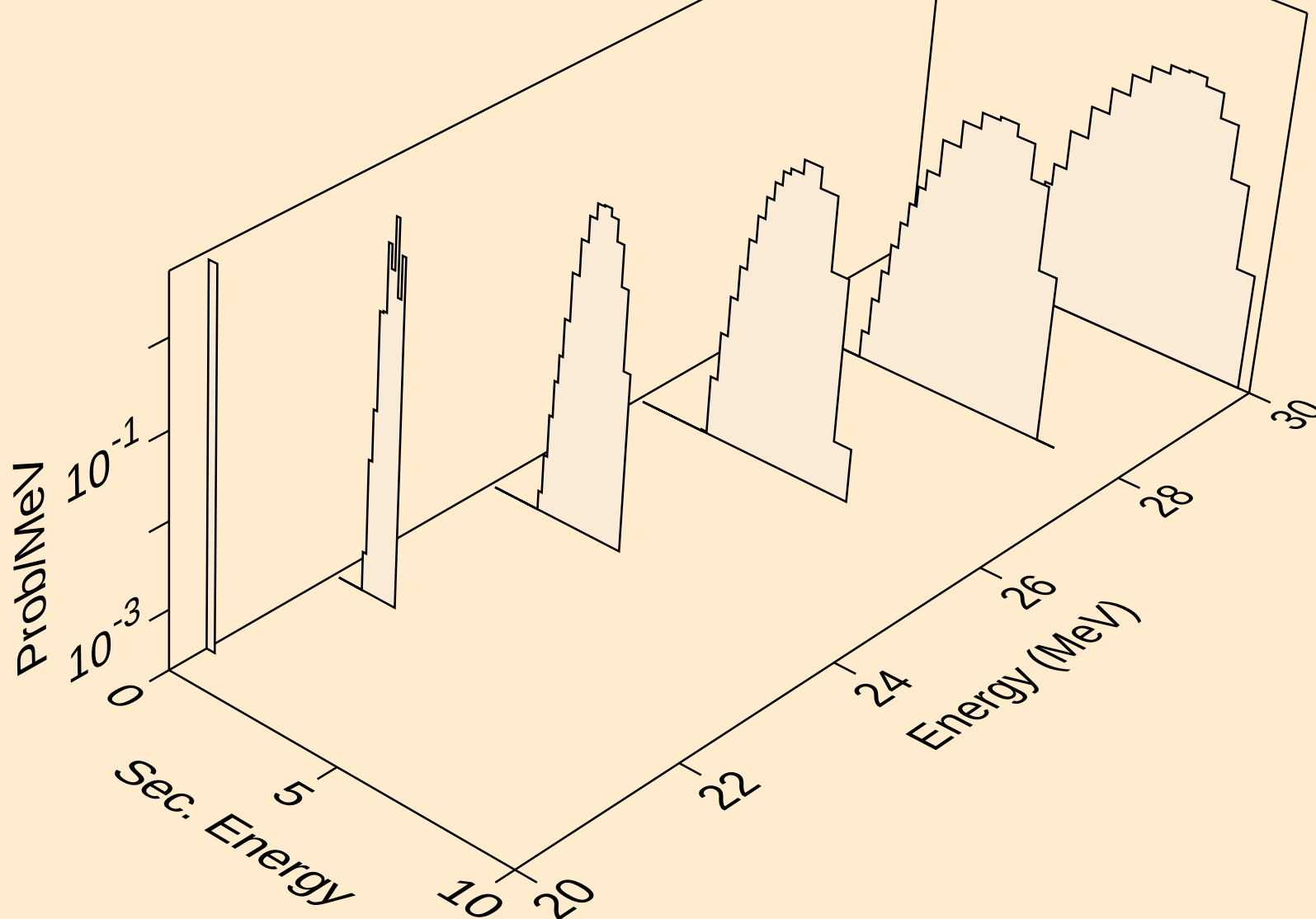
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



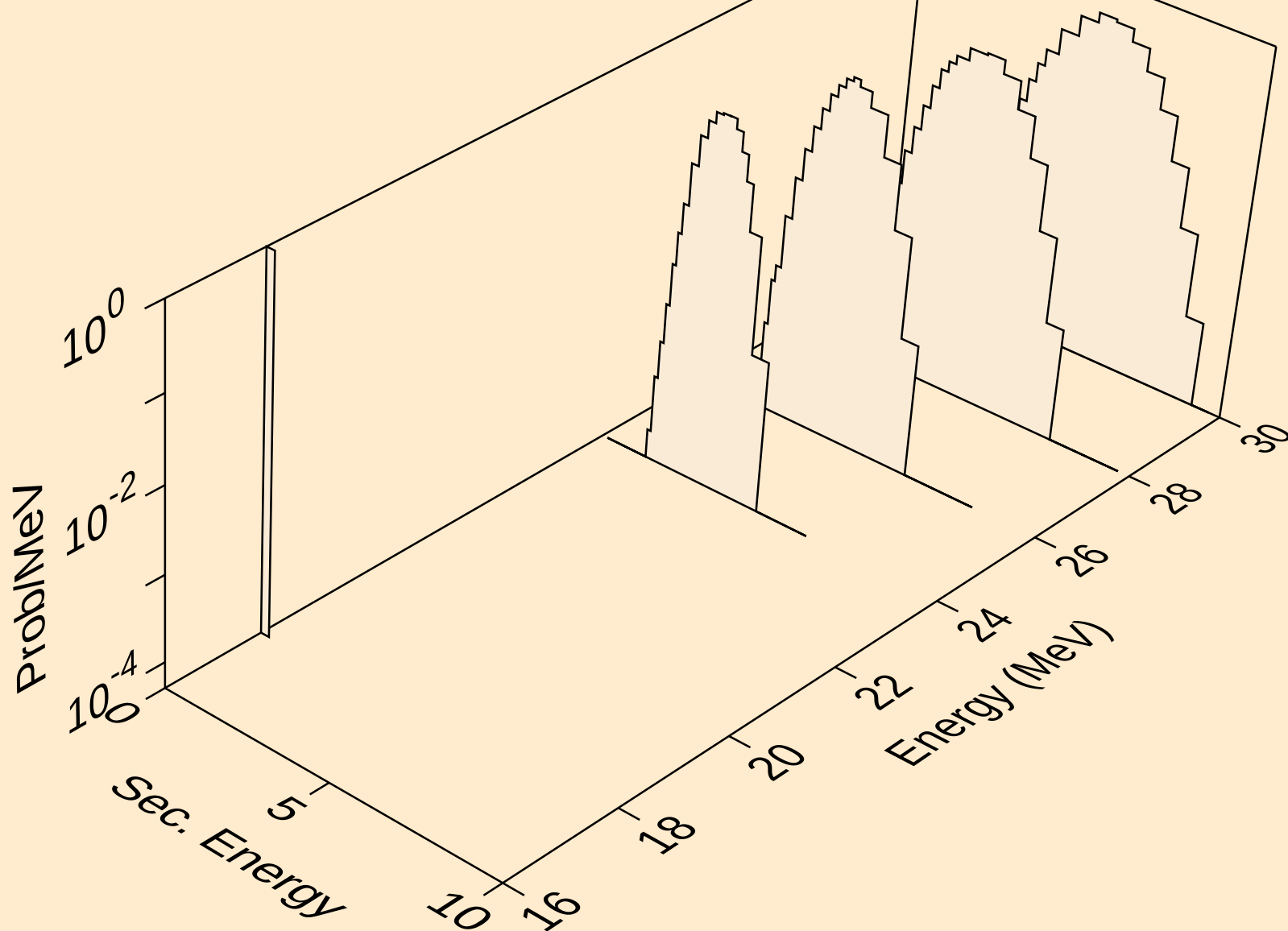
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



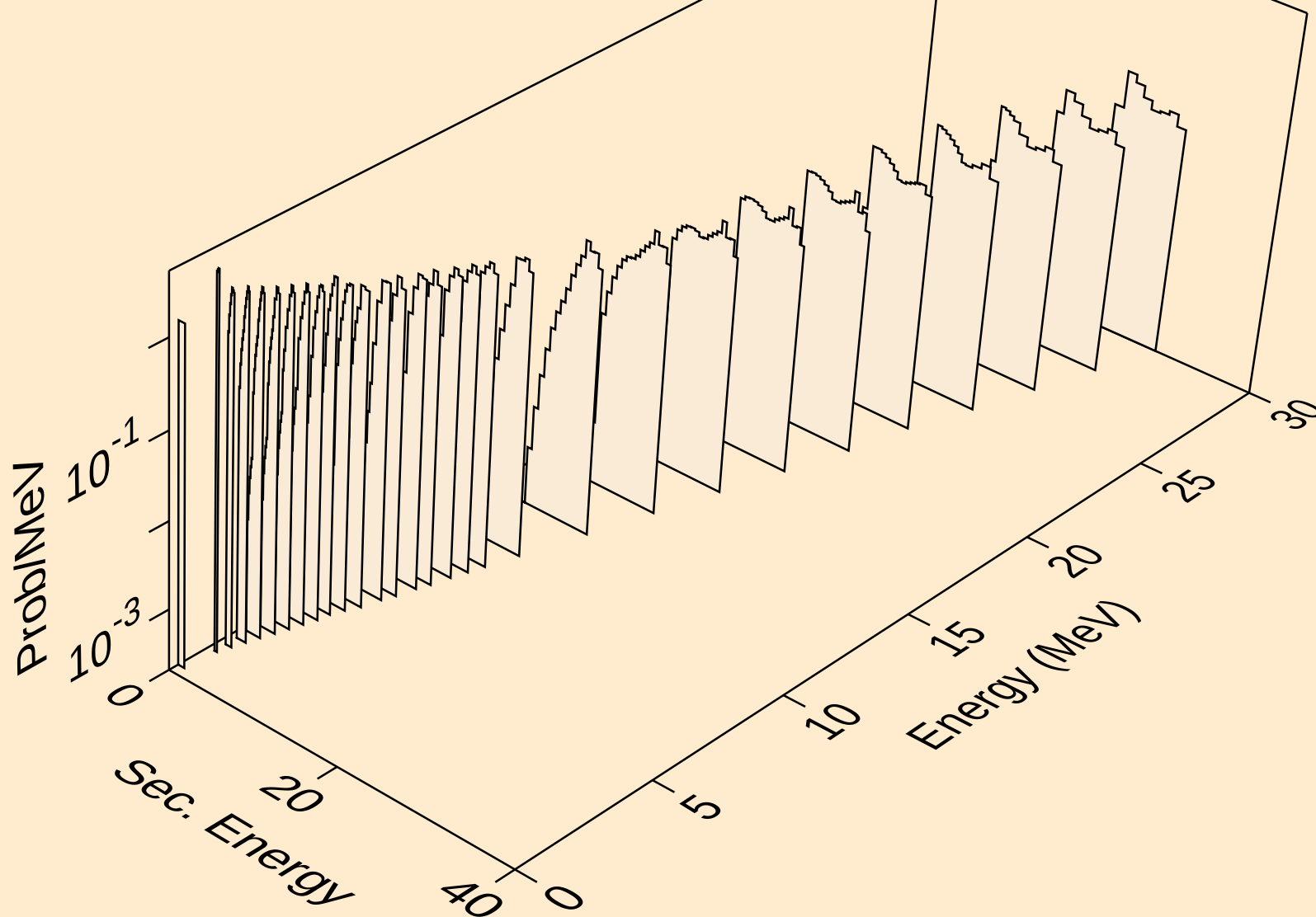
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



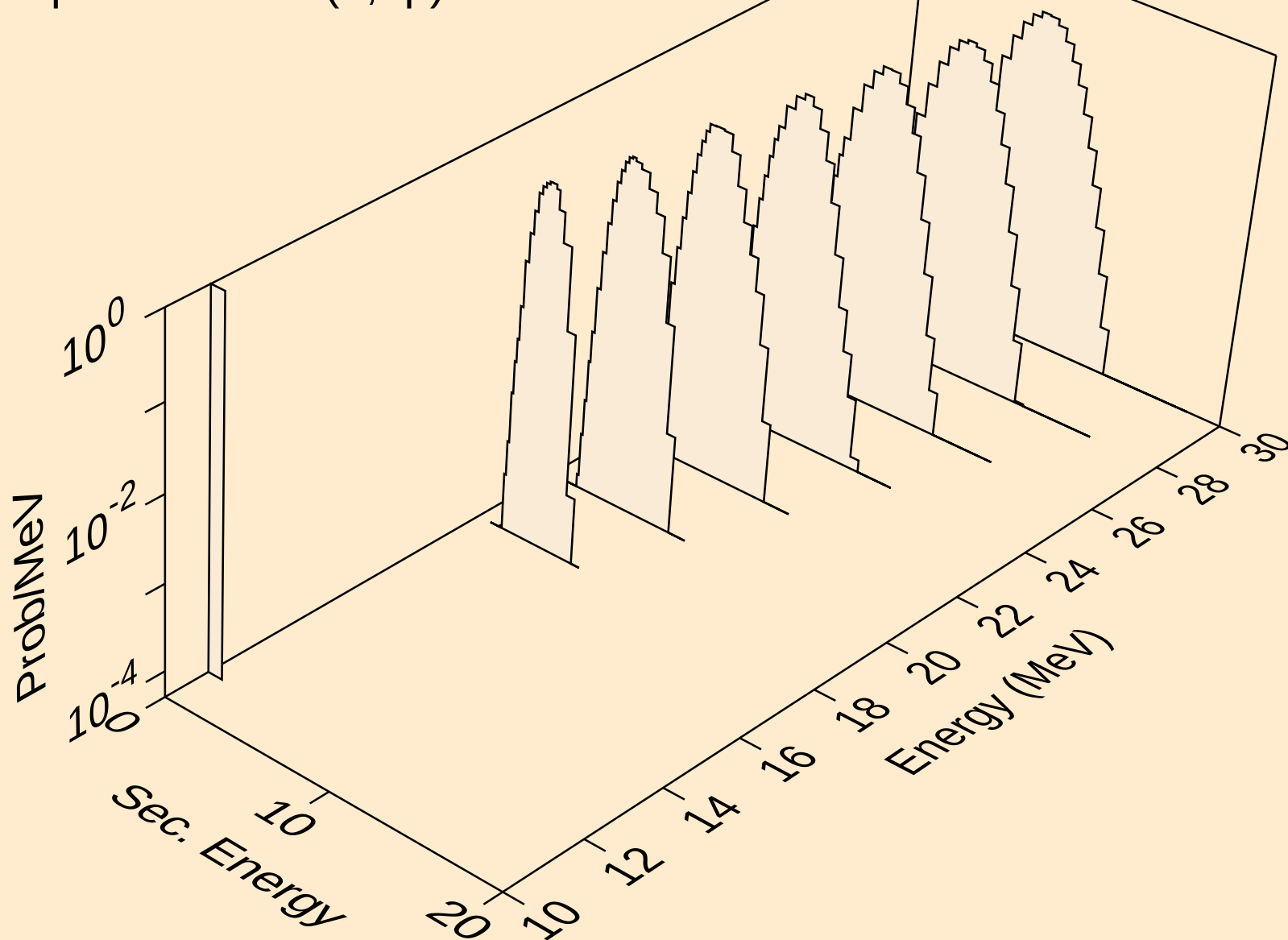
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



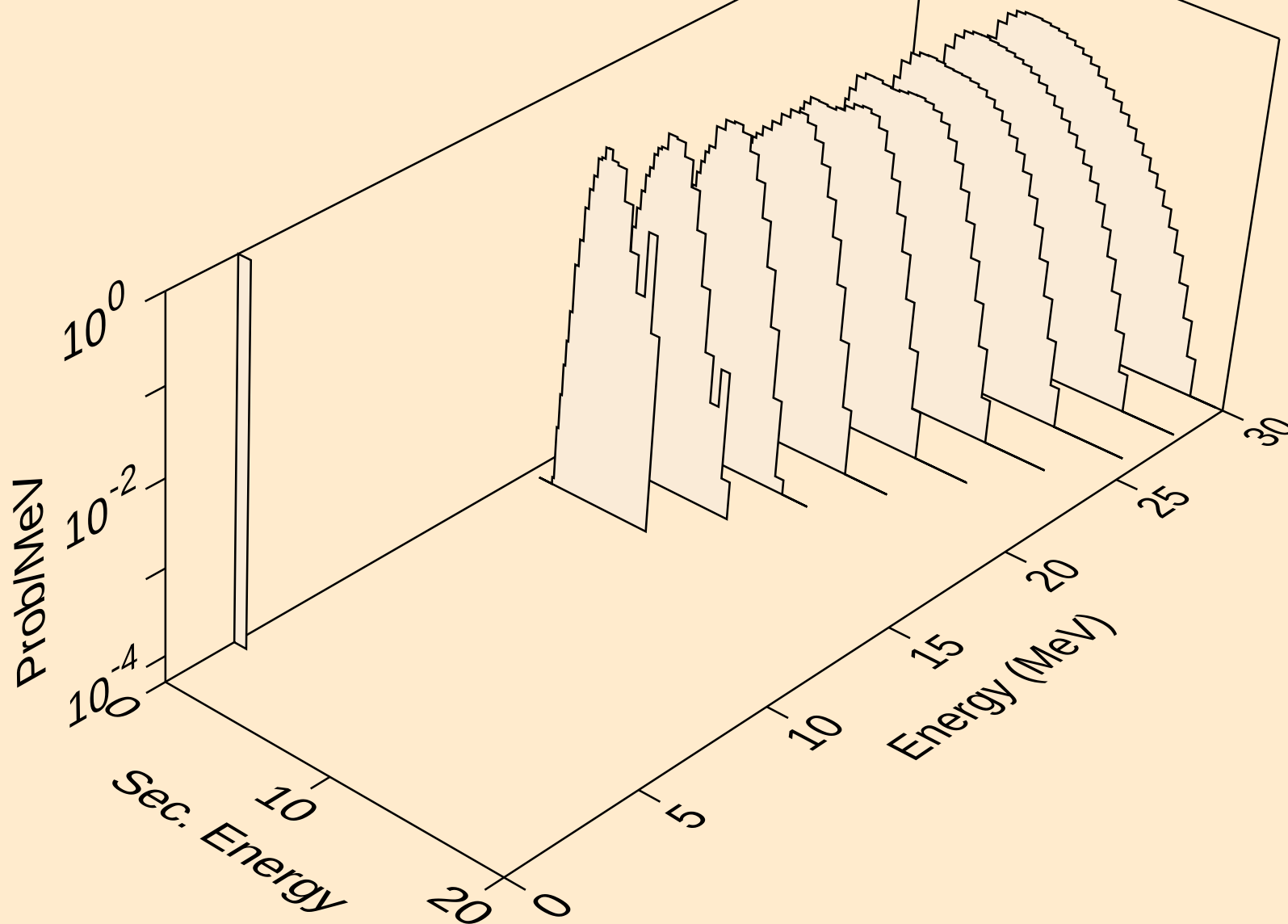
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



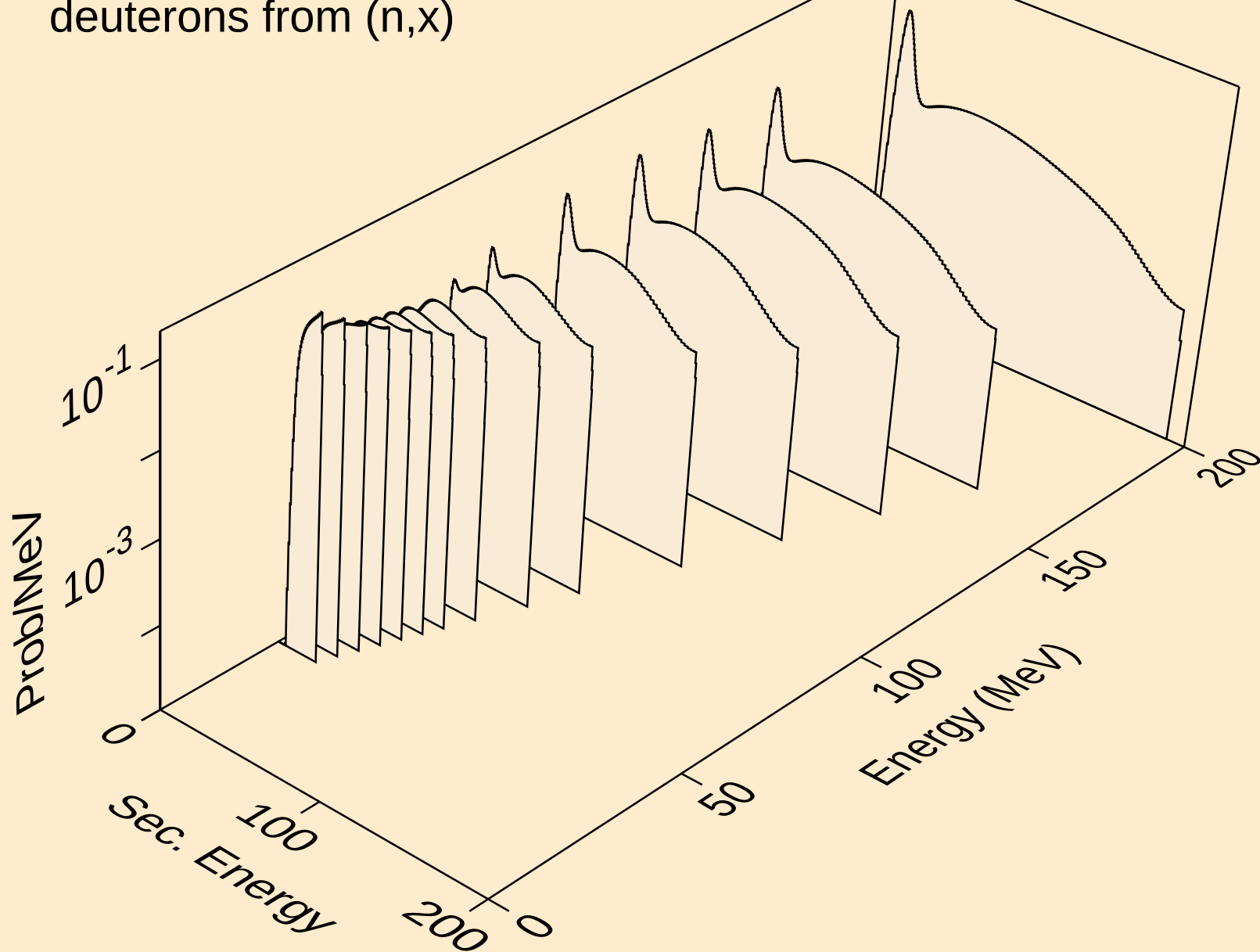
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2p)



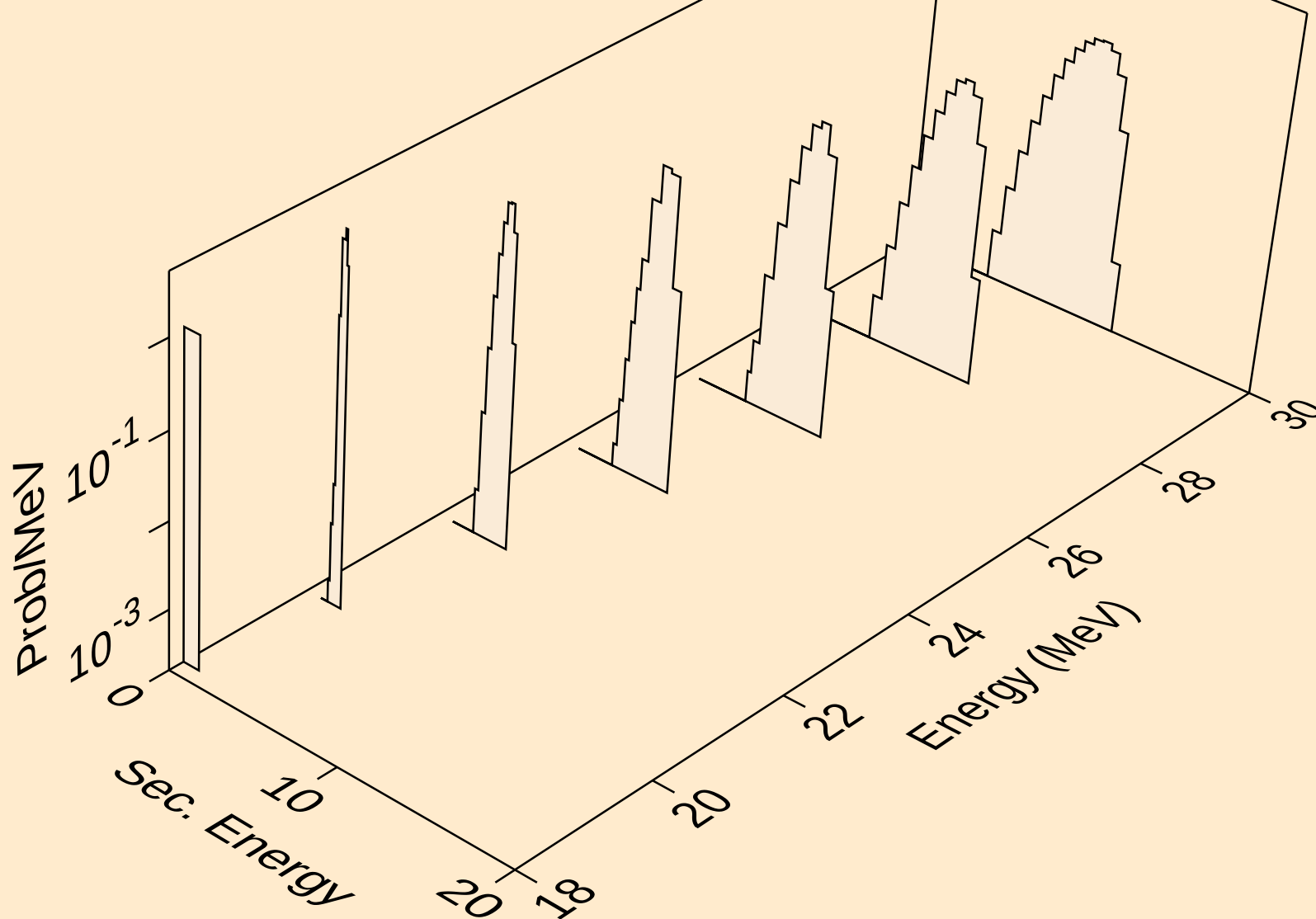
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protons from (n,p)



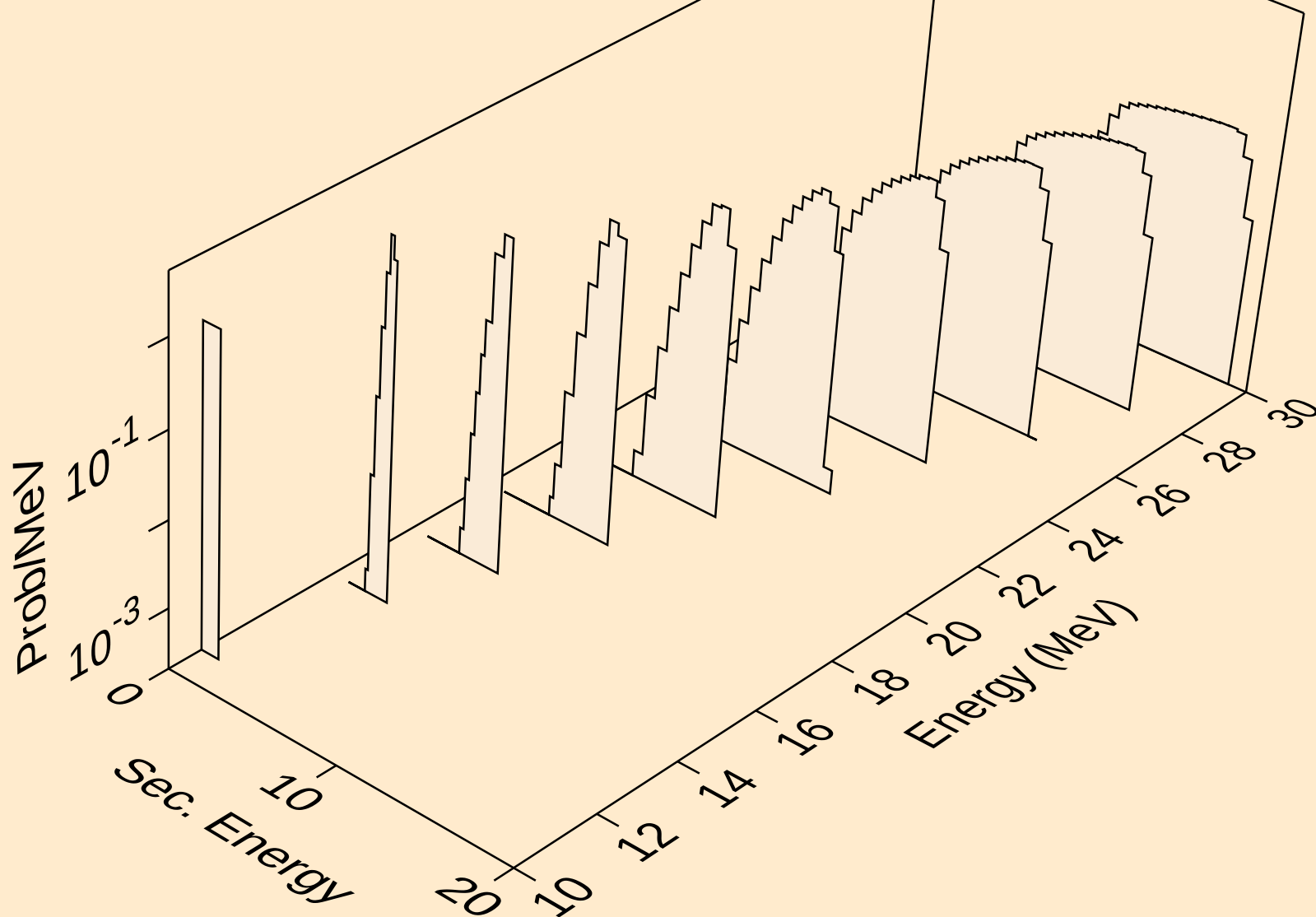
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



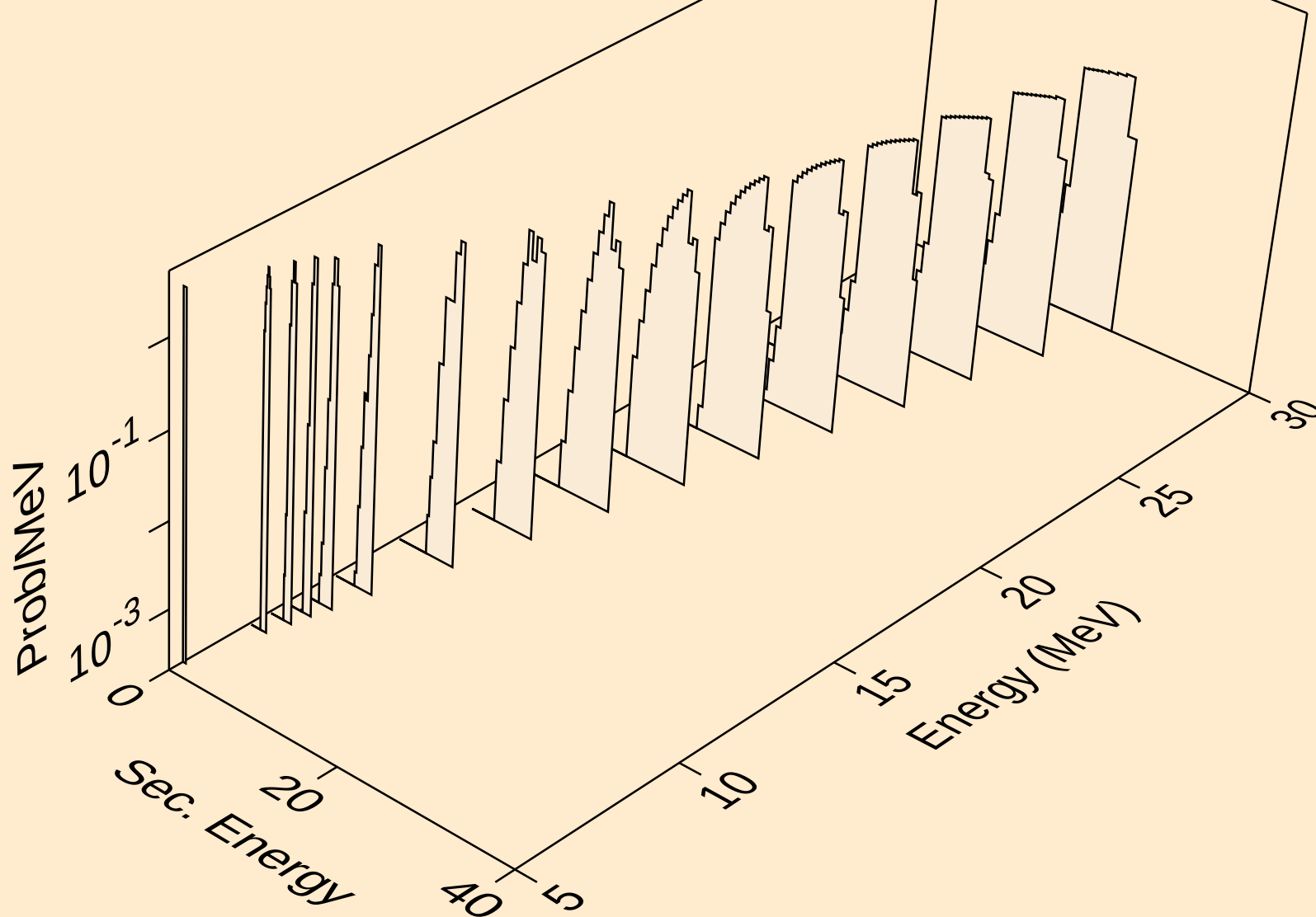
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



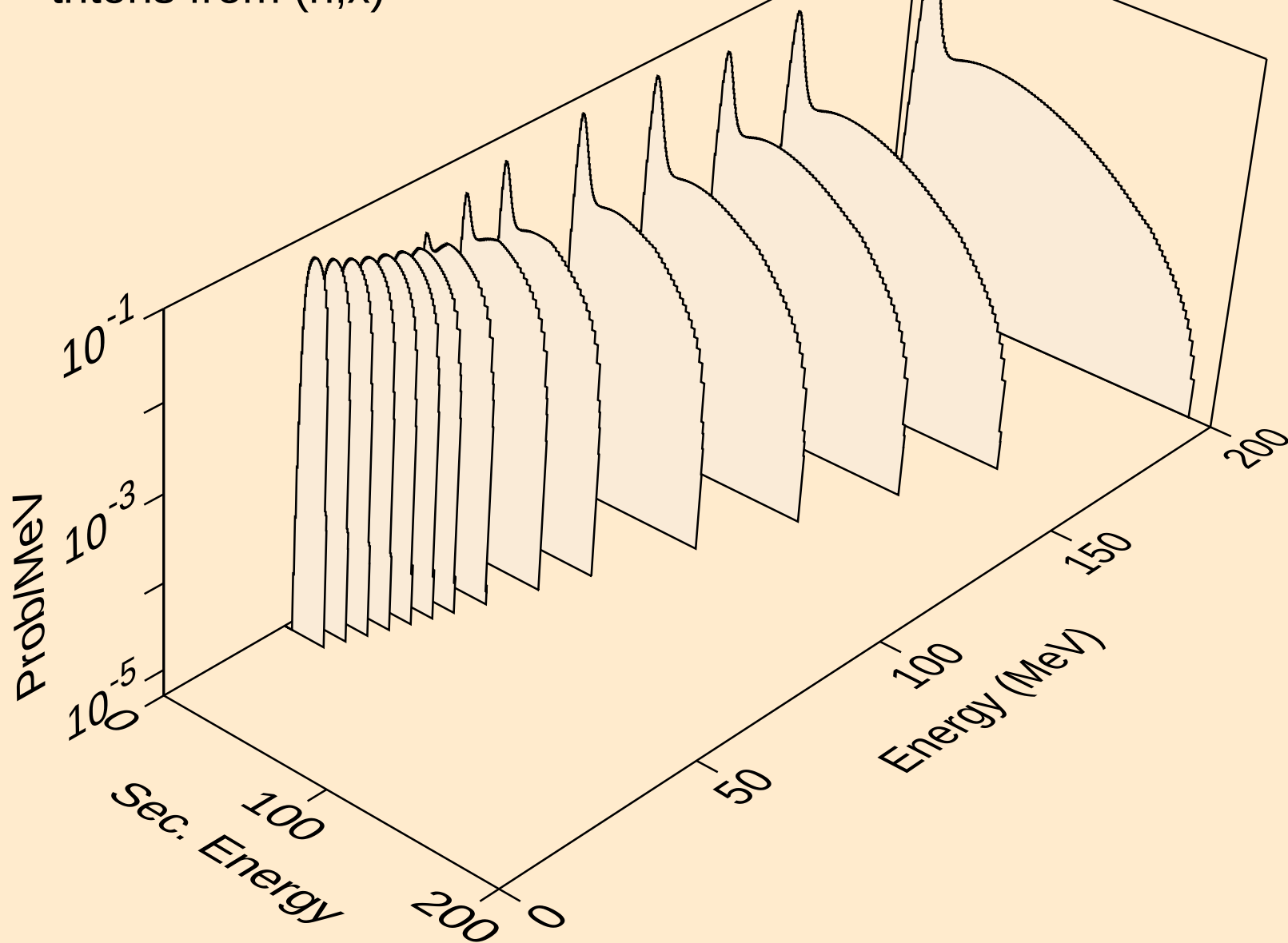
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



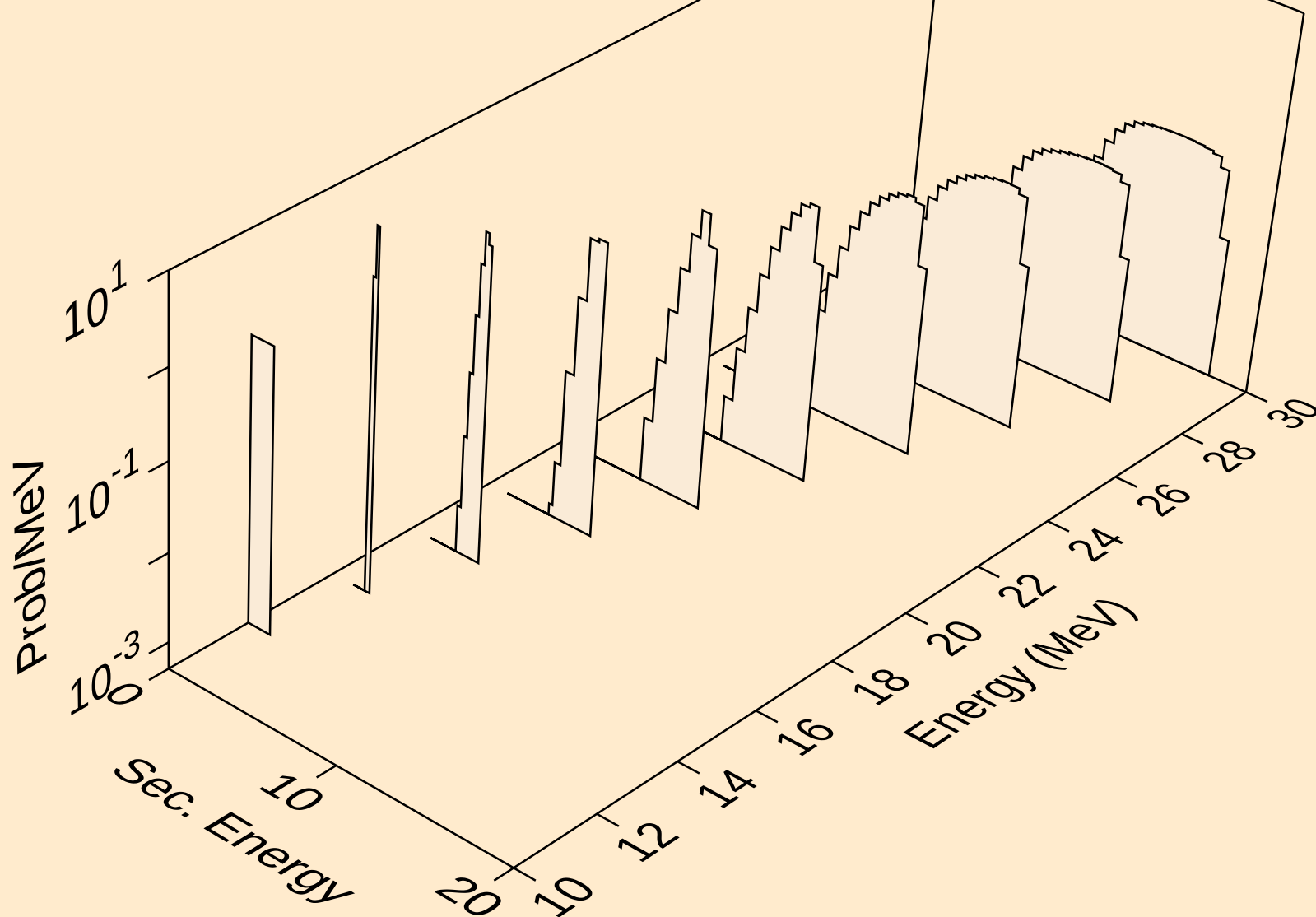
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deuterons from (n,d)



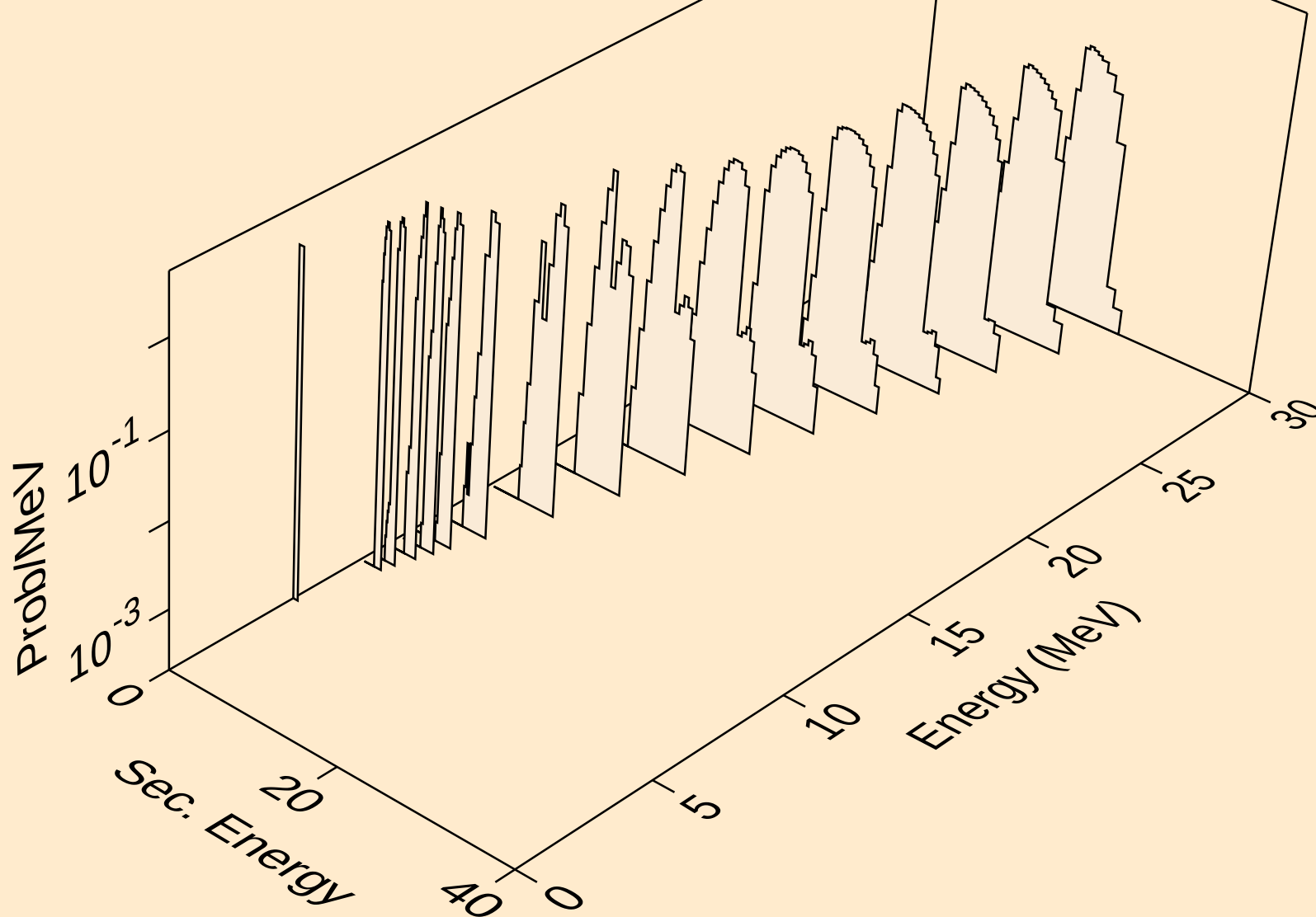
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



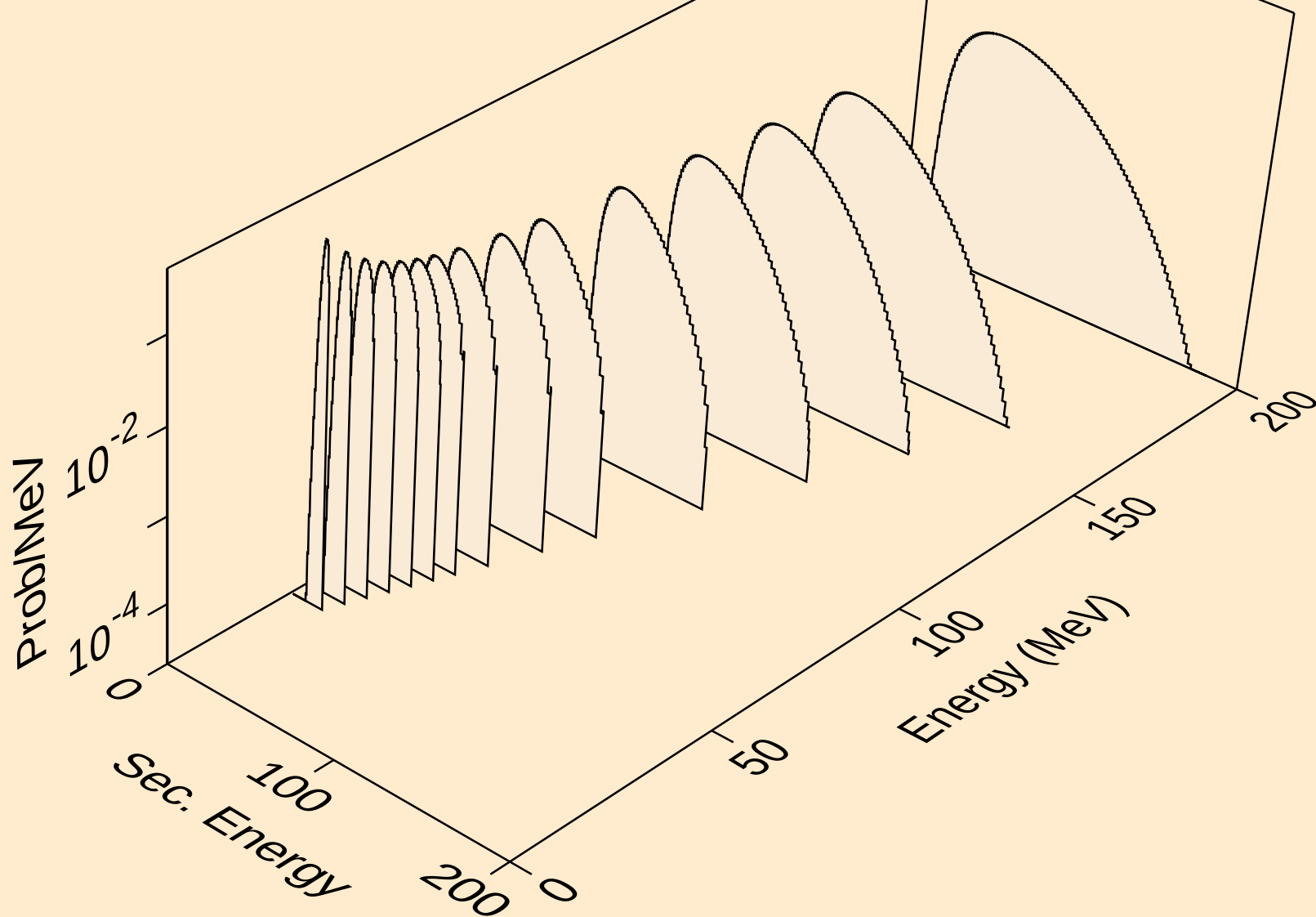
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



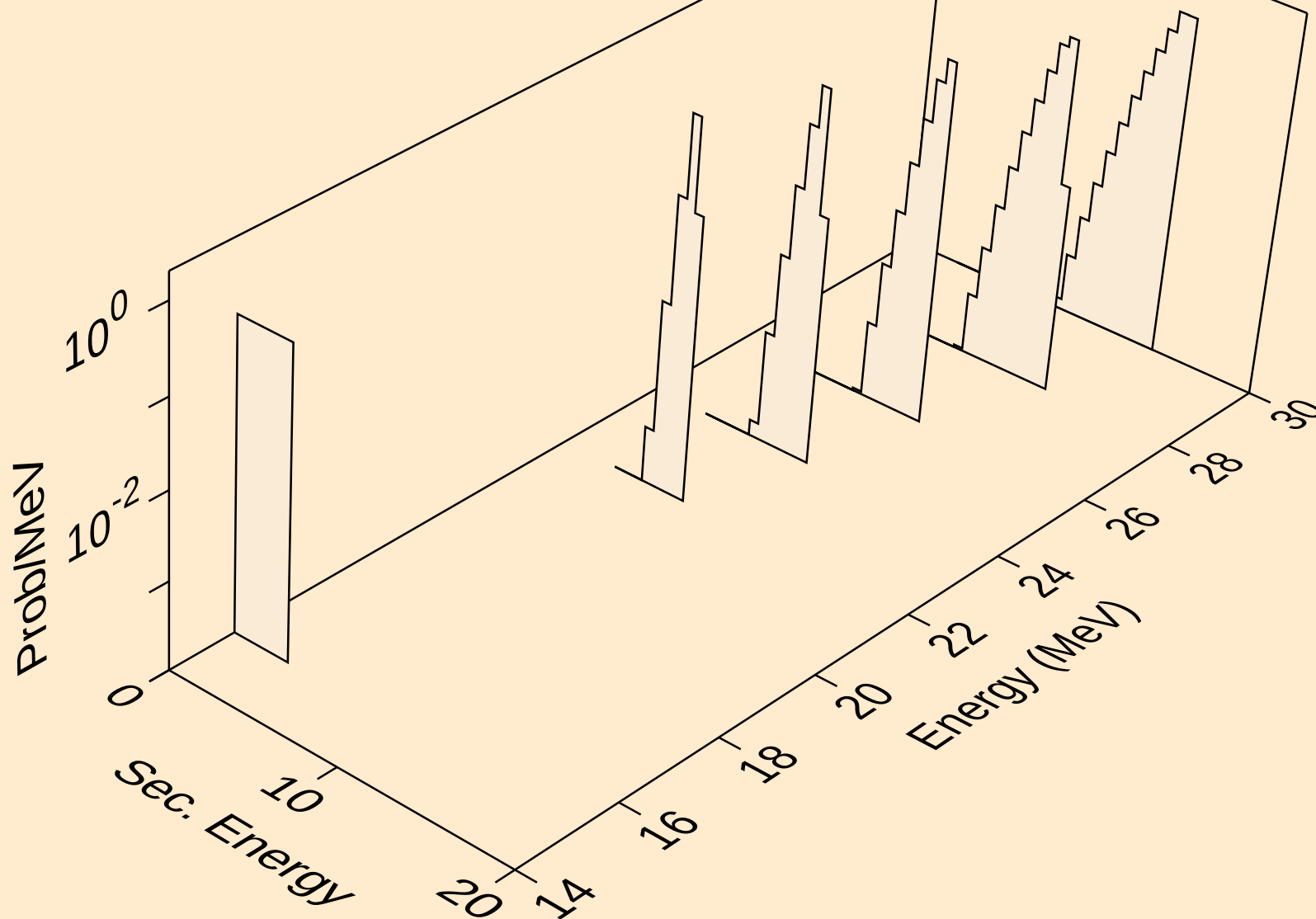
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tritons from (n,t)



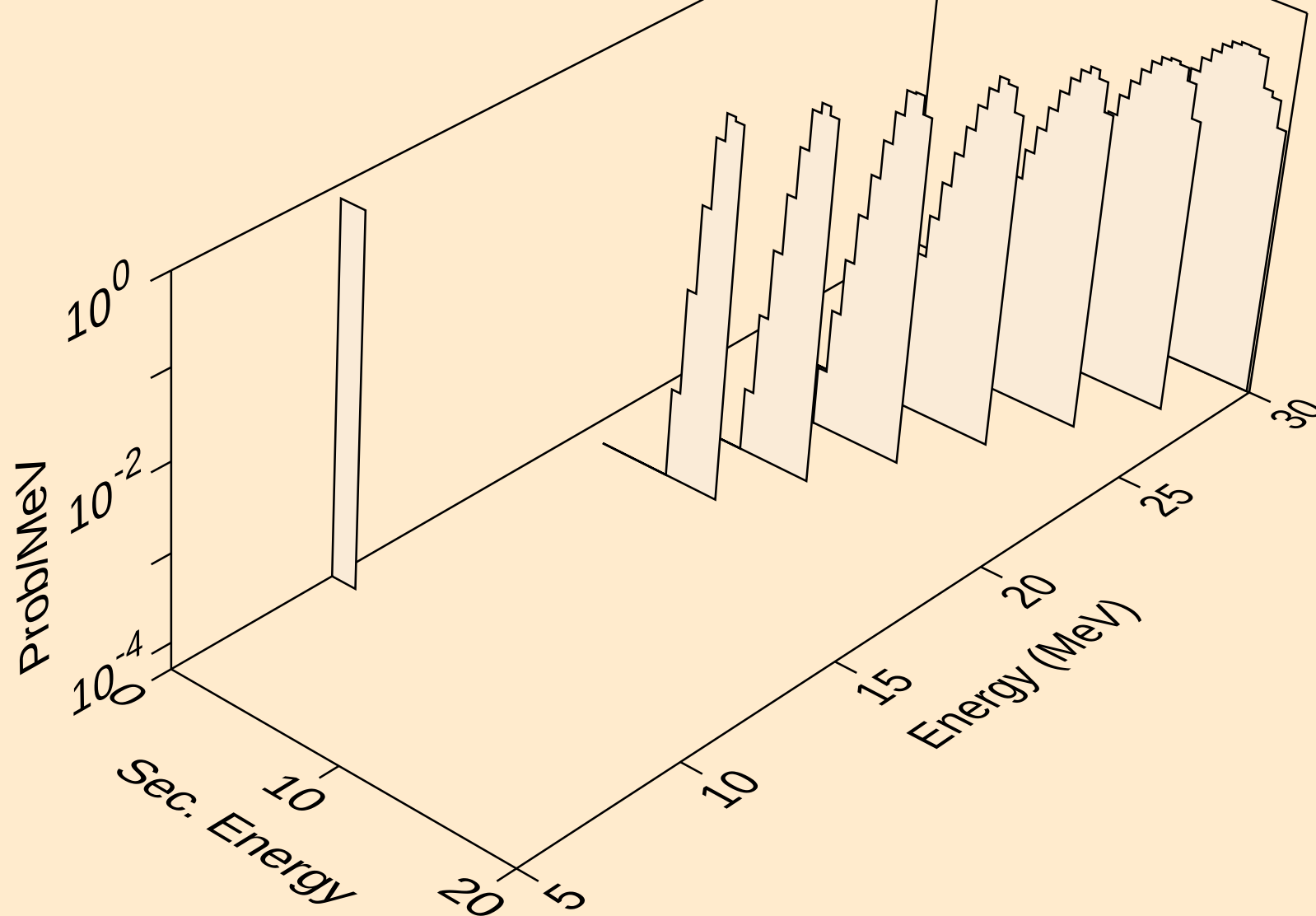
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



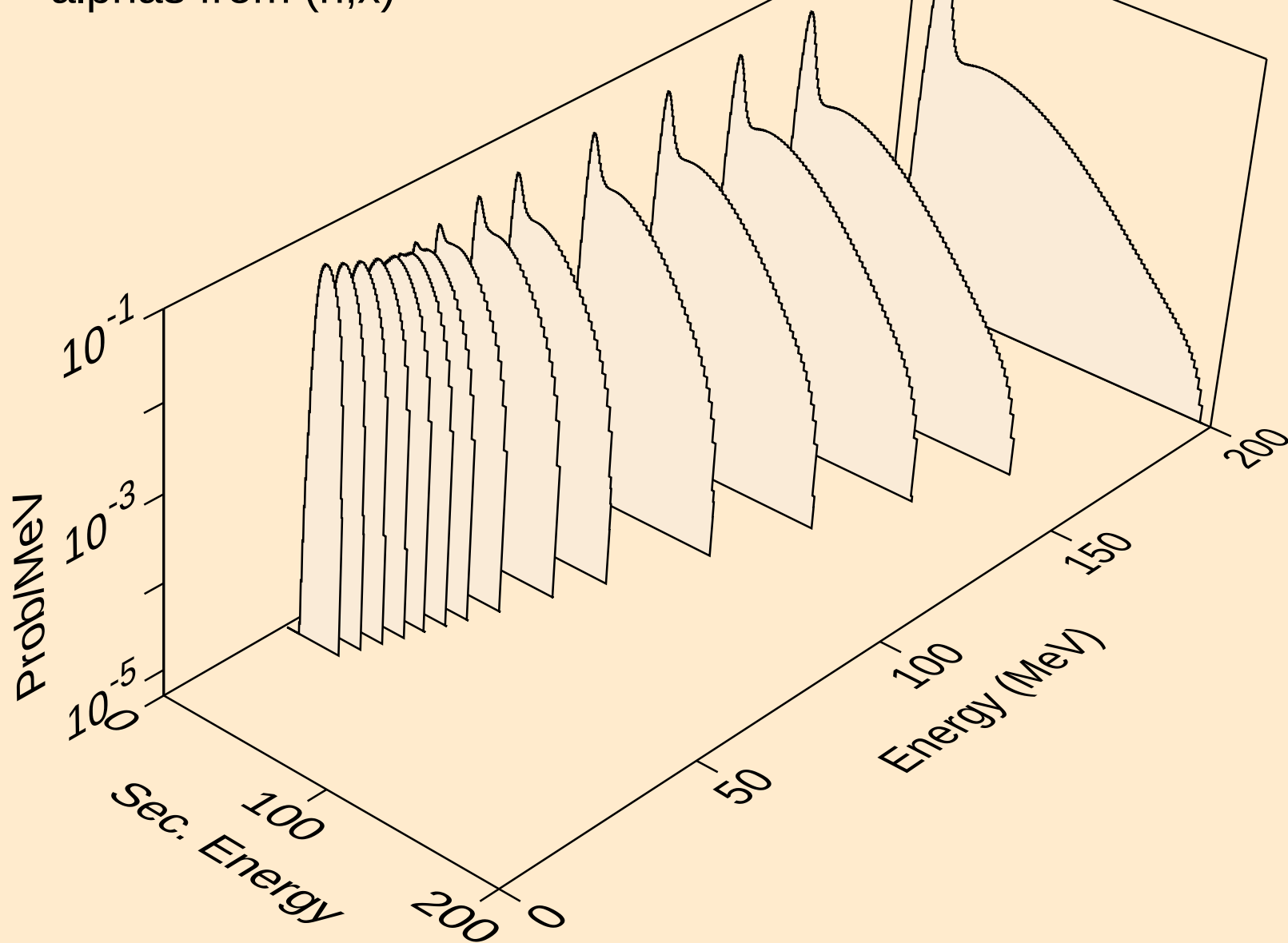
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



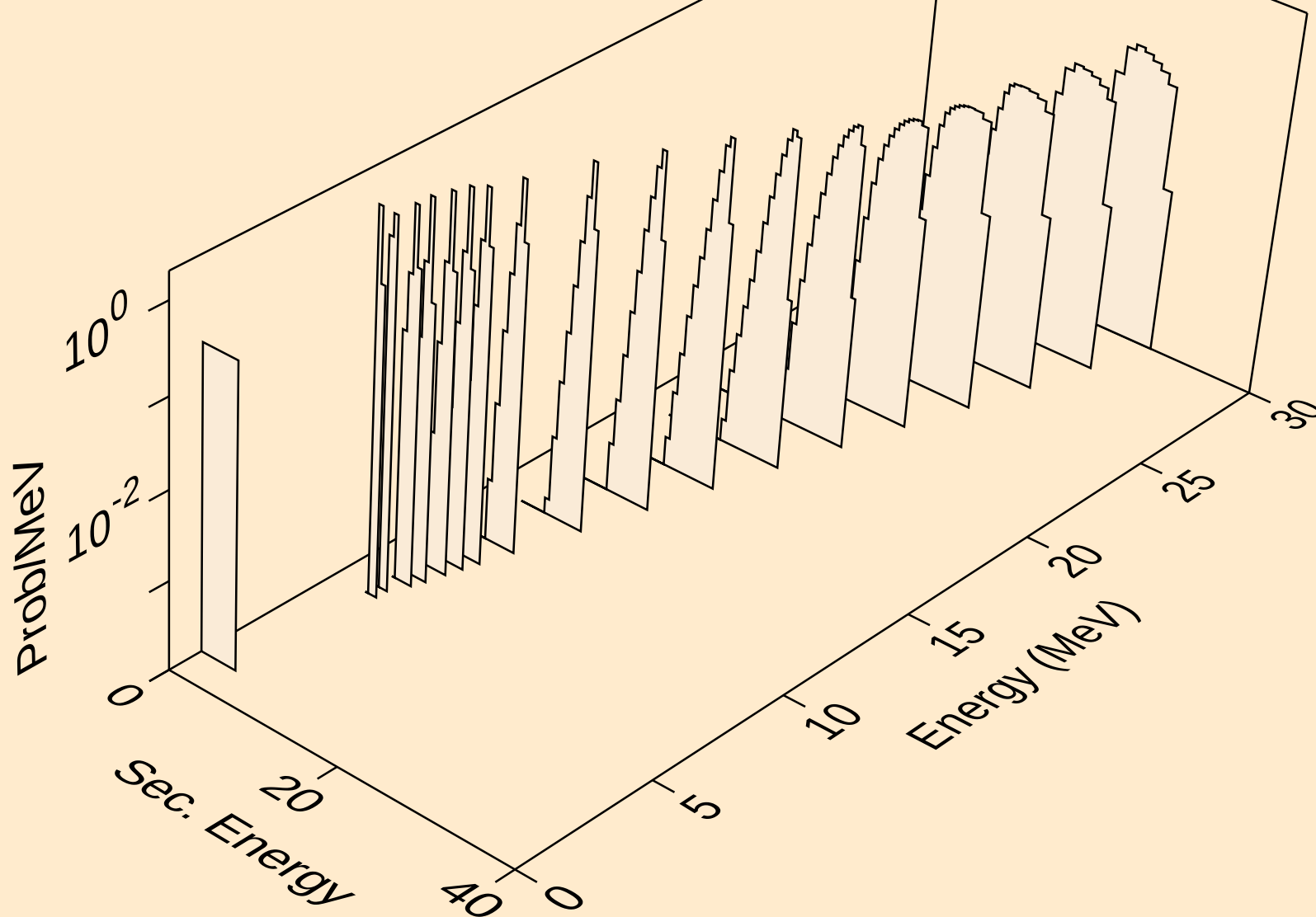
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he3s from (n,he3)



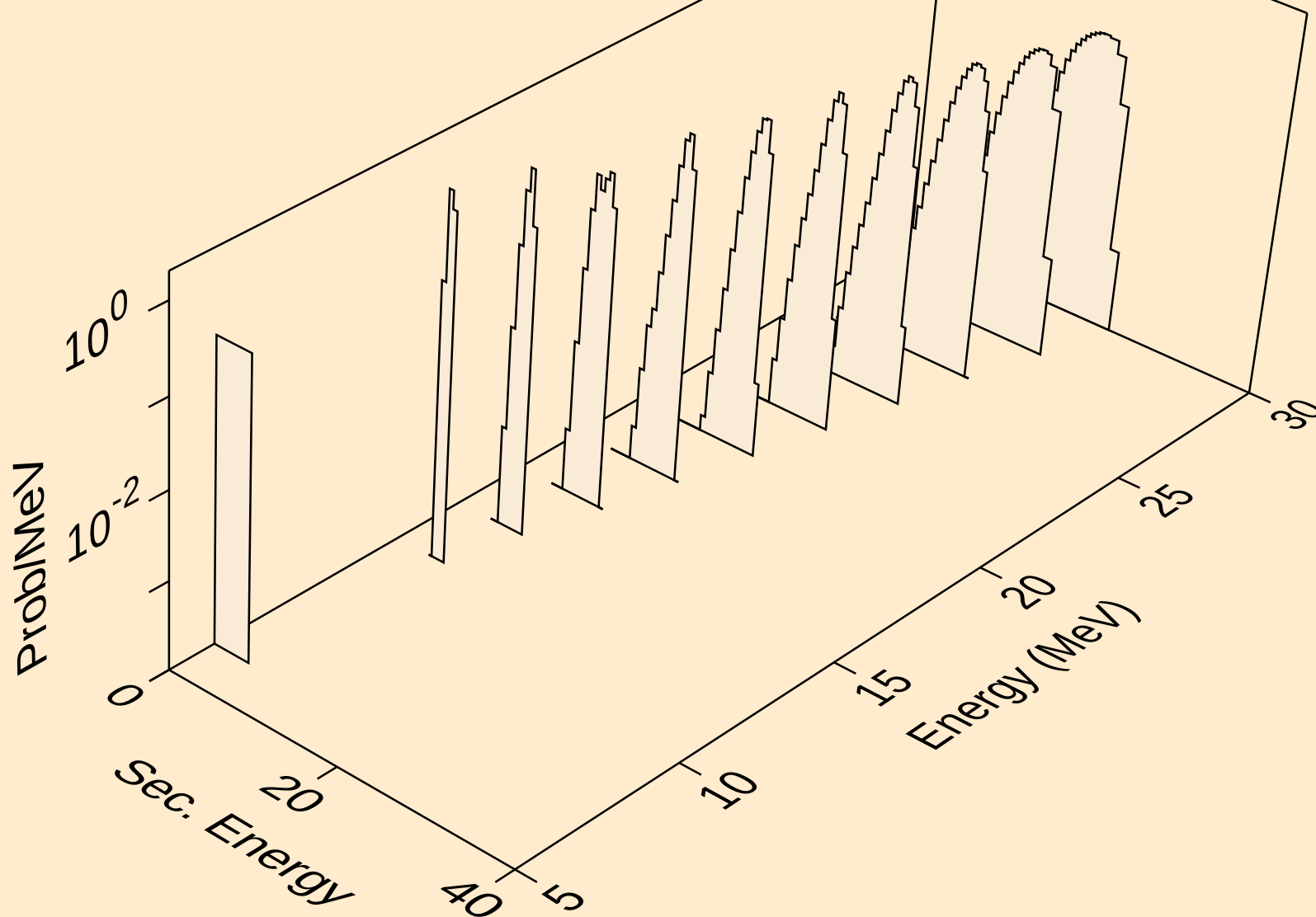
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



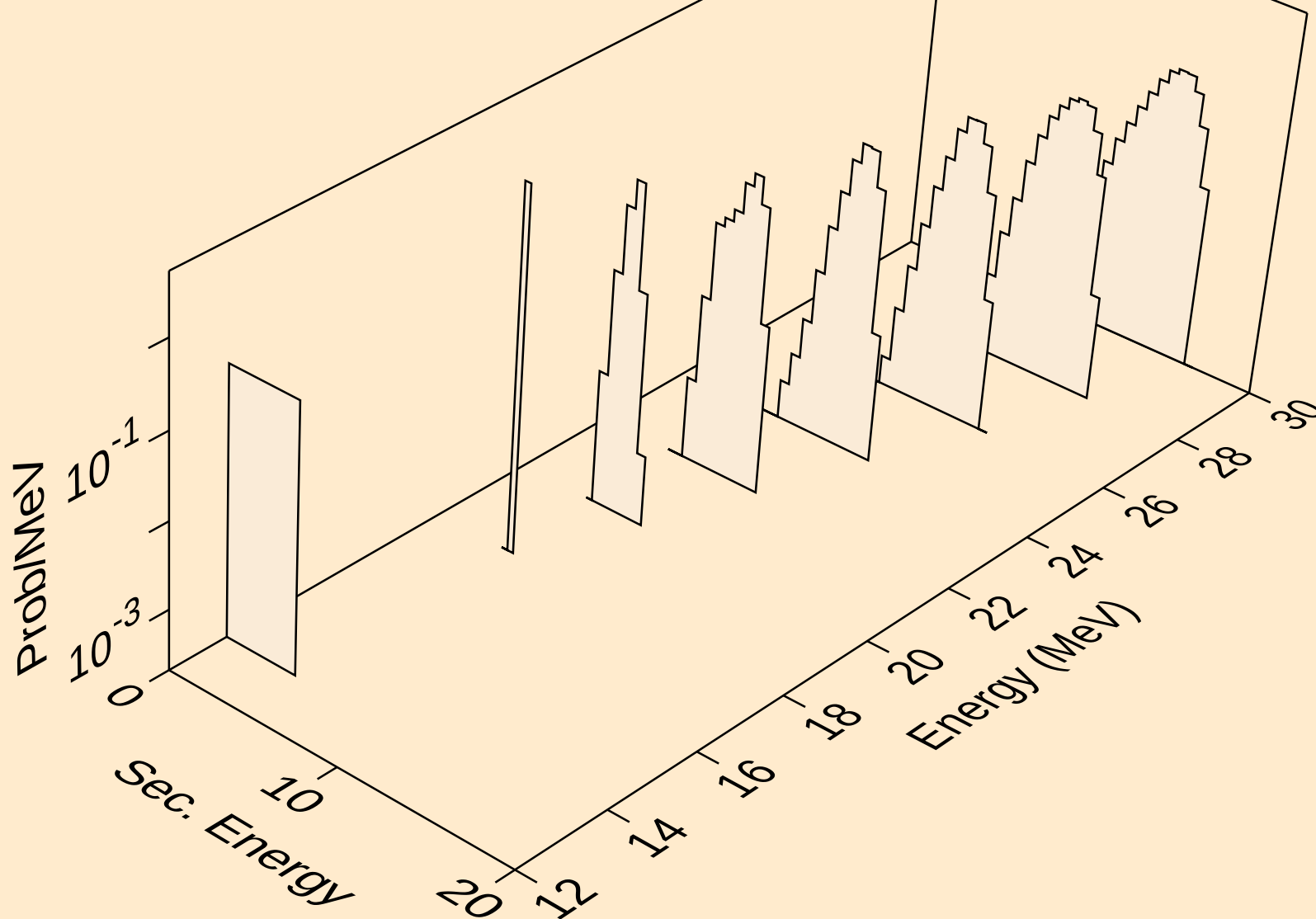
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



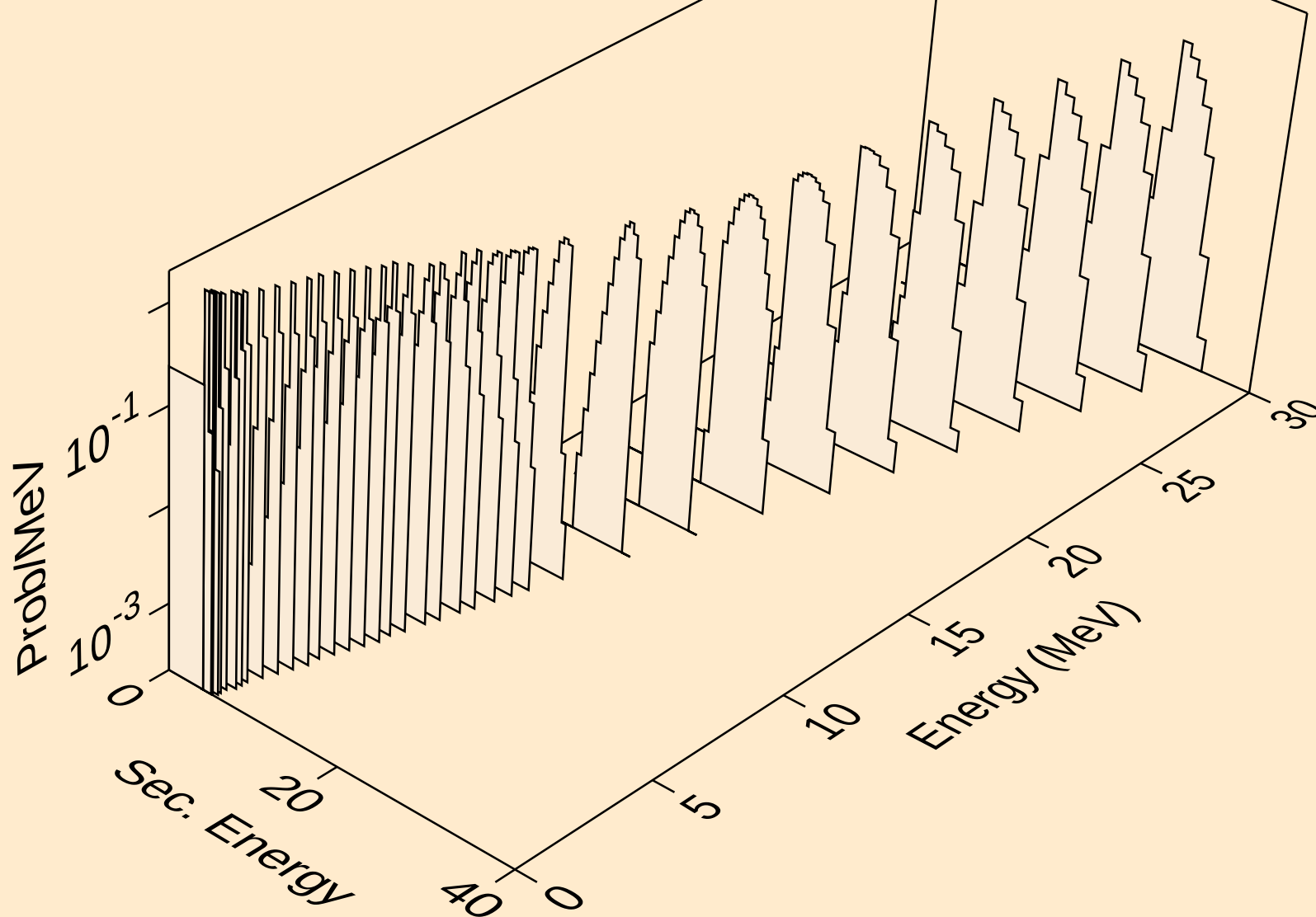
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



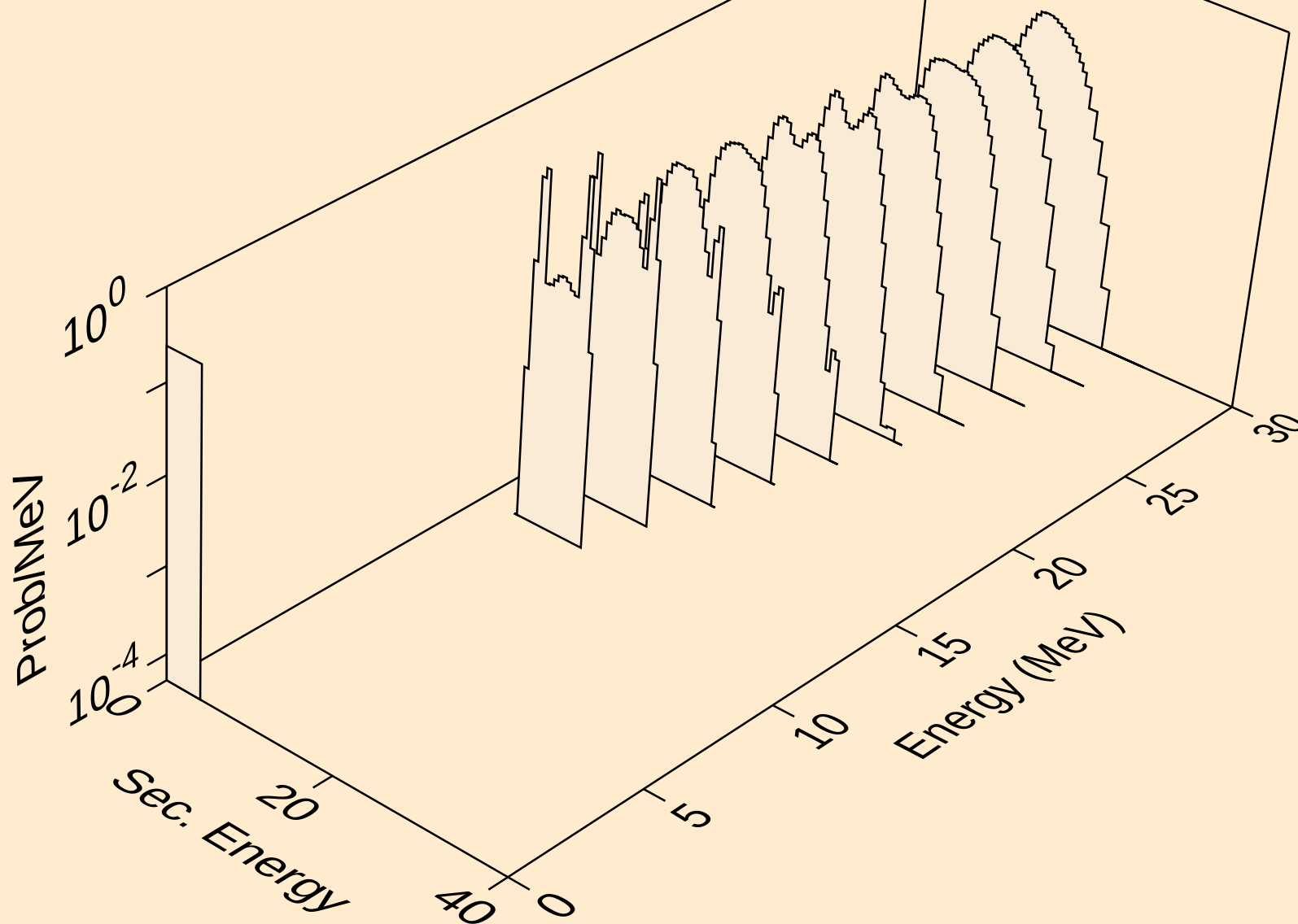
PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



PM152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,p)

