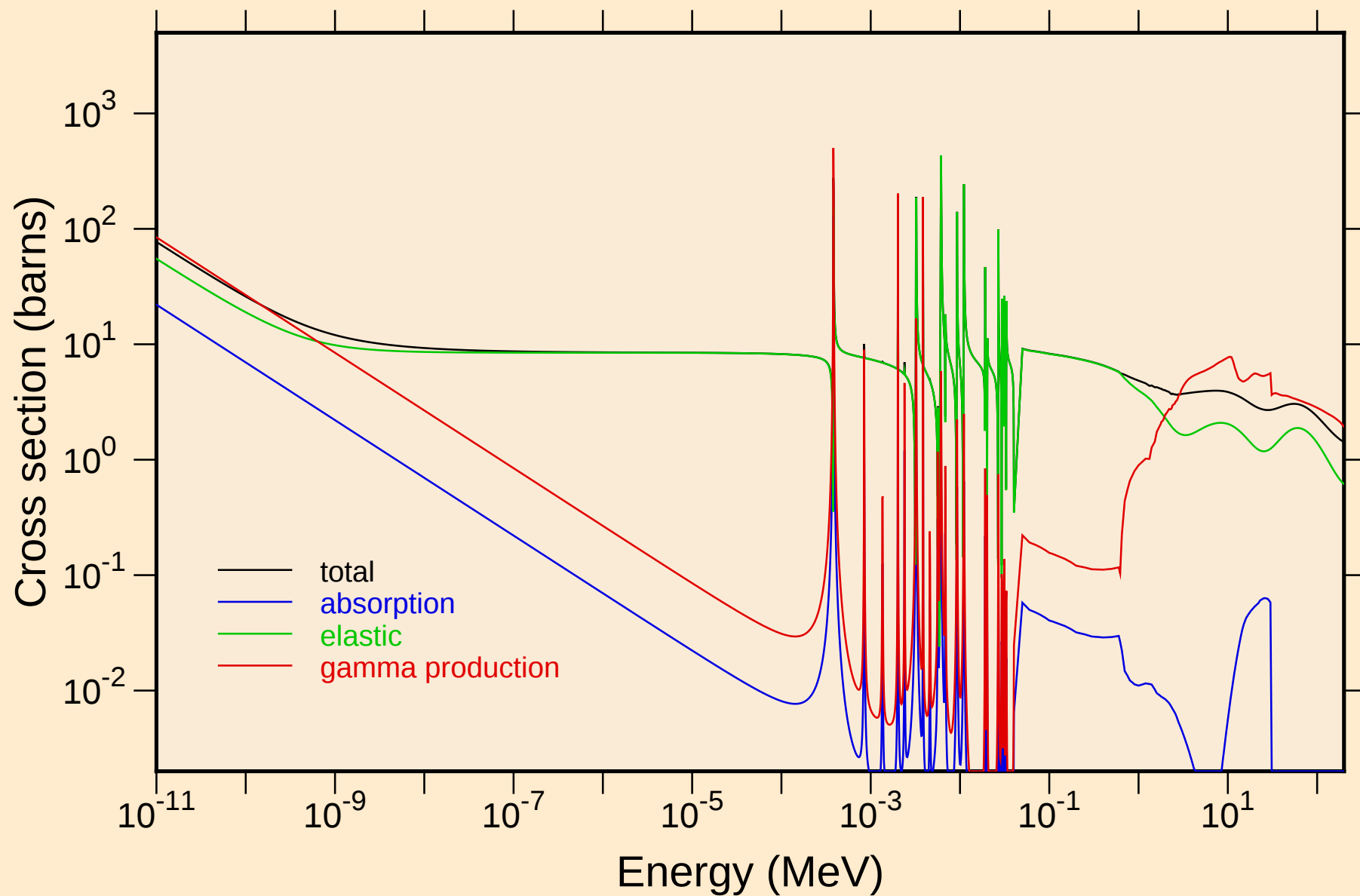
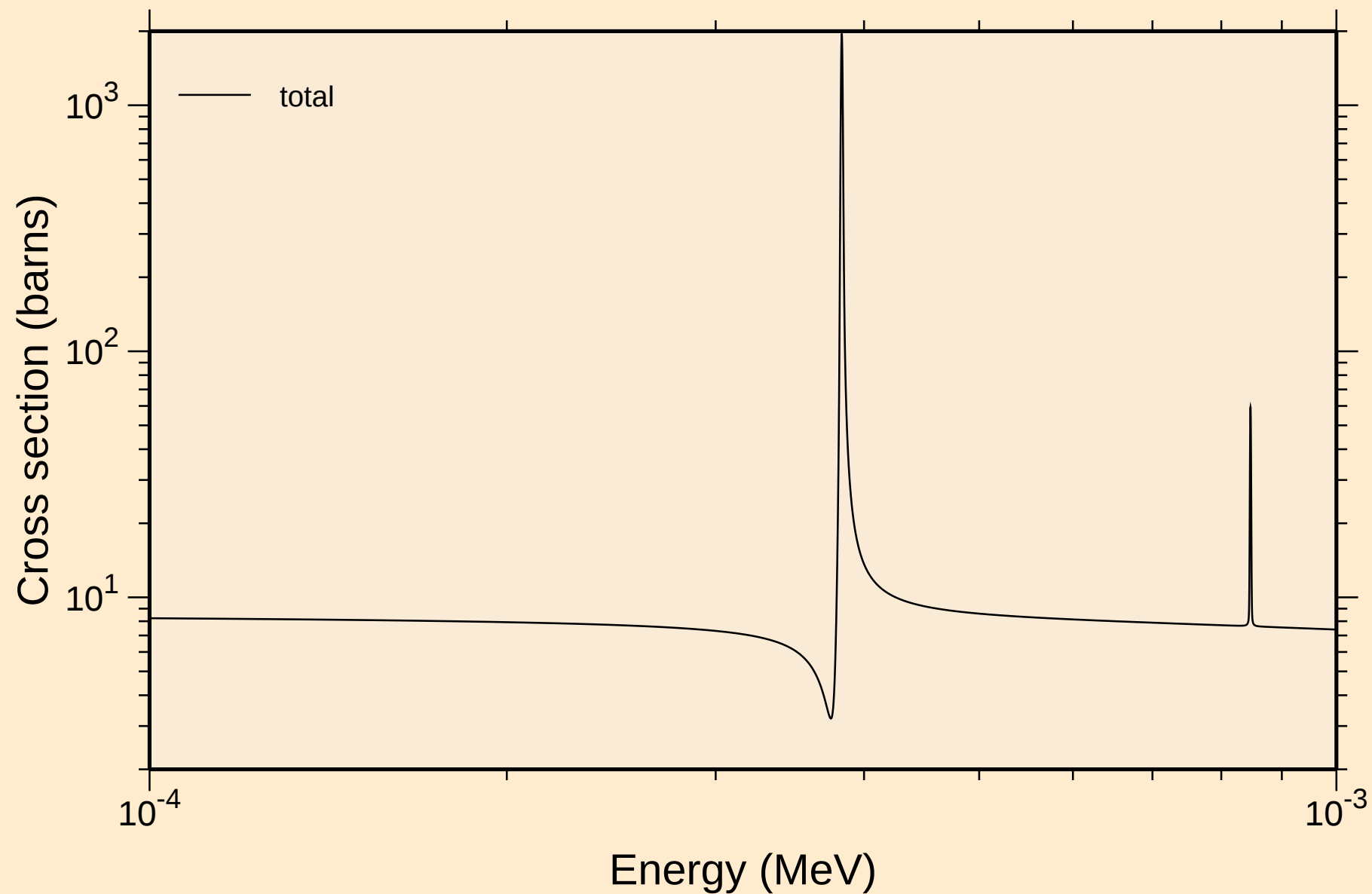


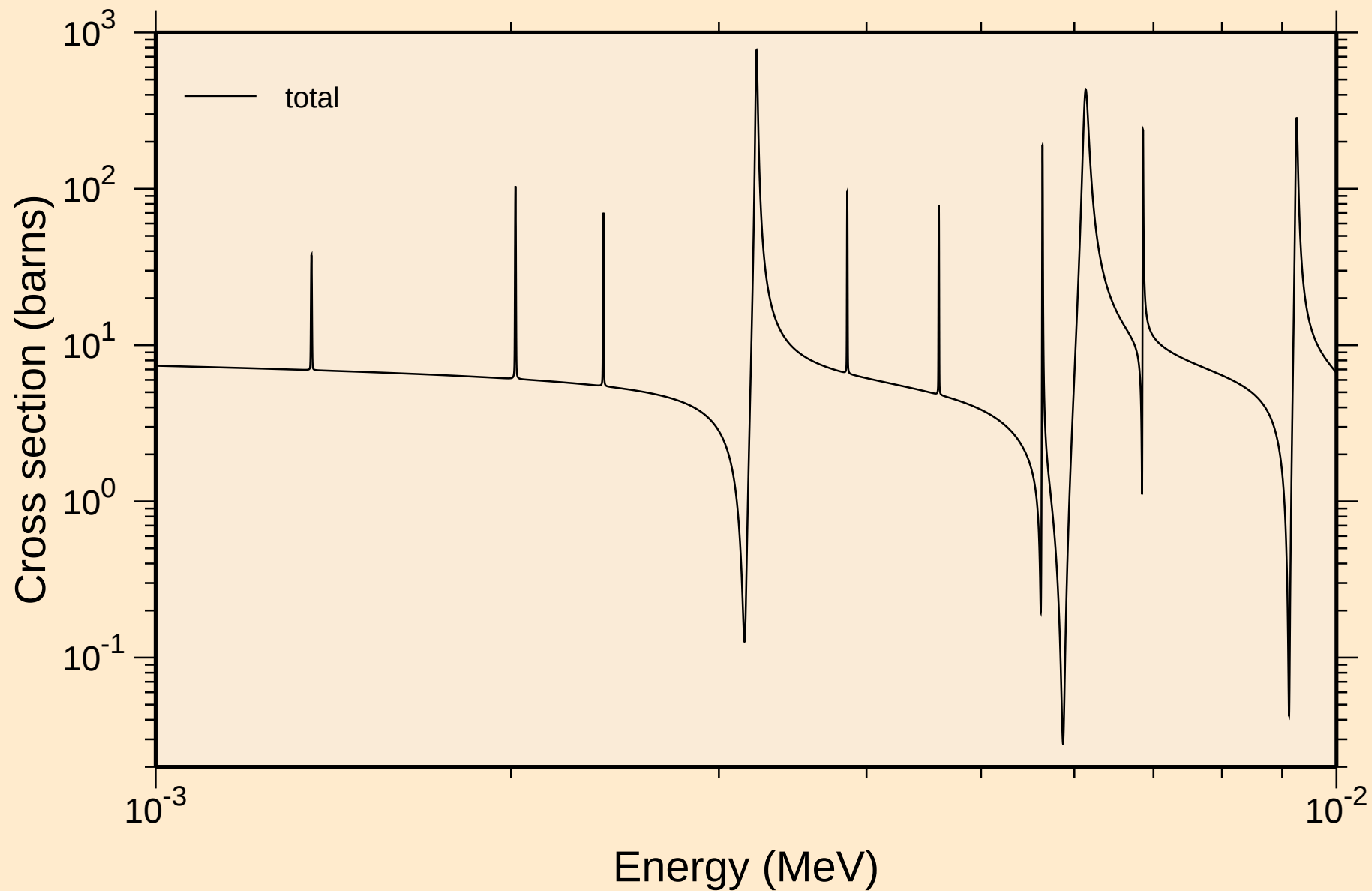
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



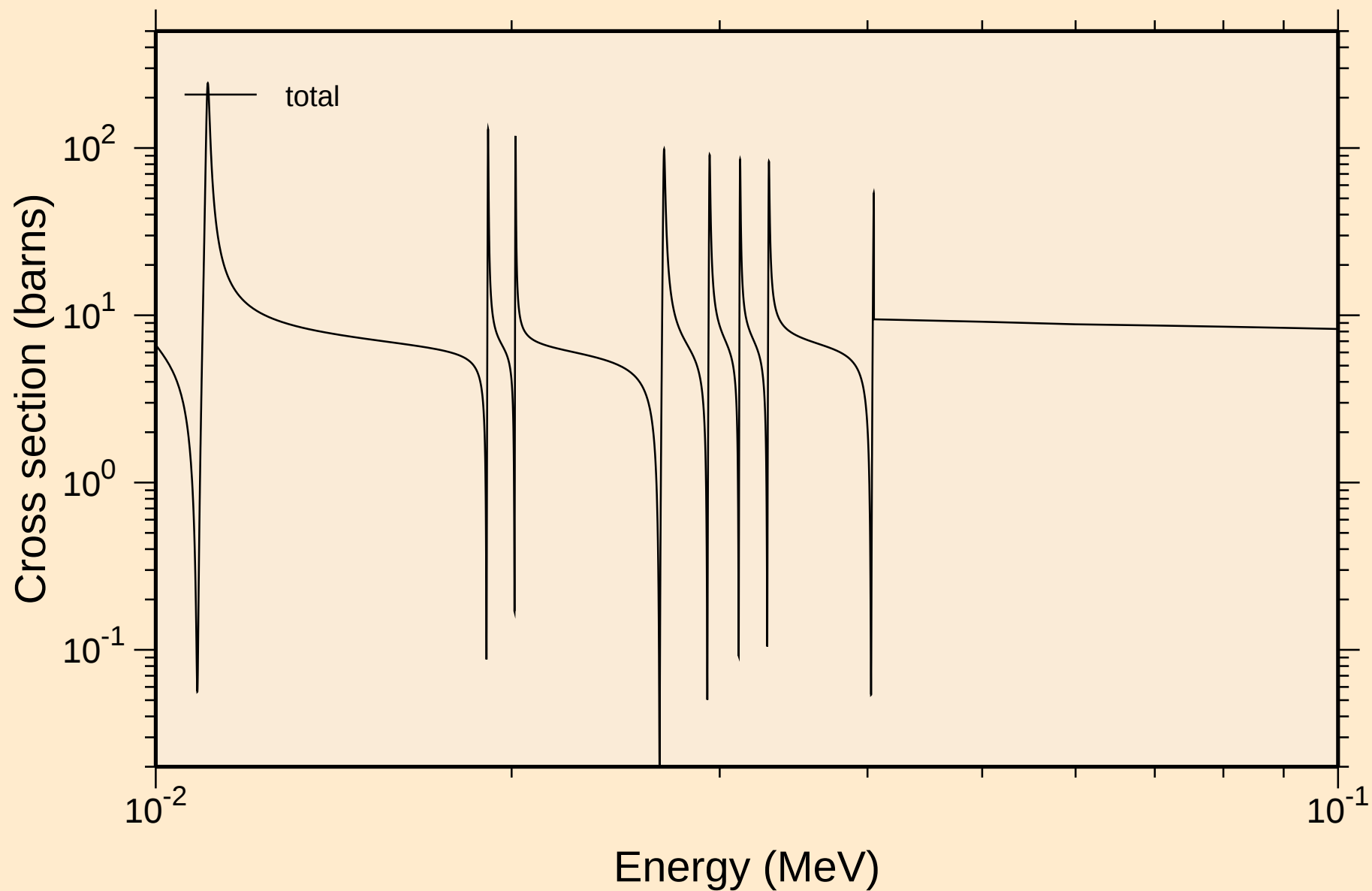
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



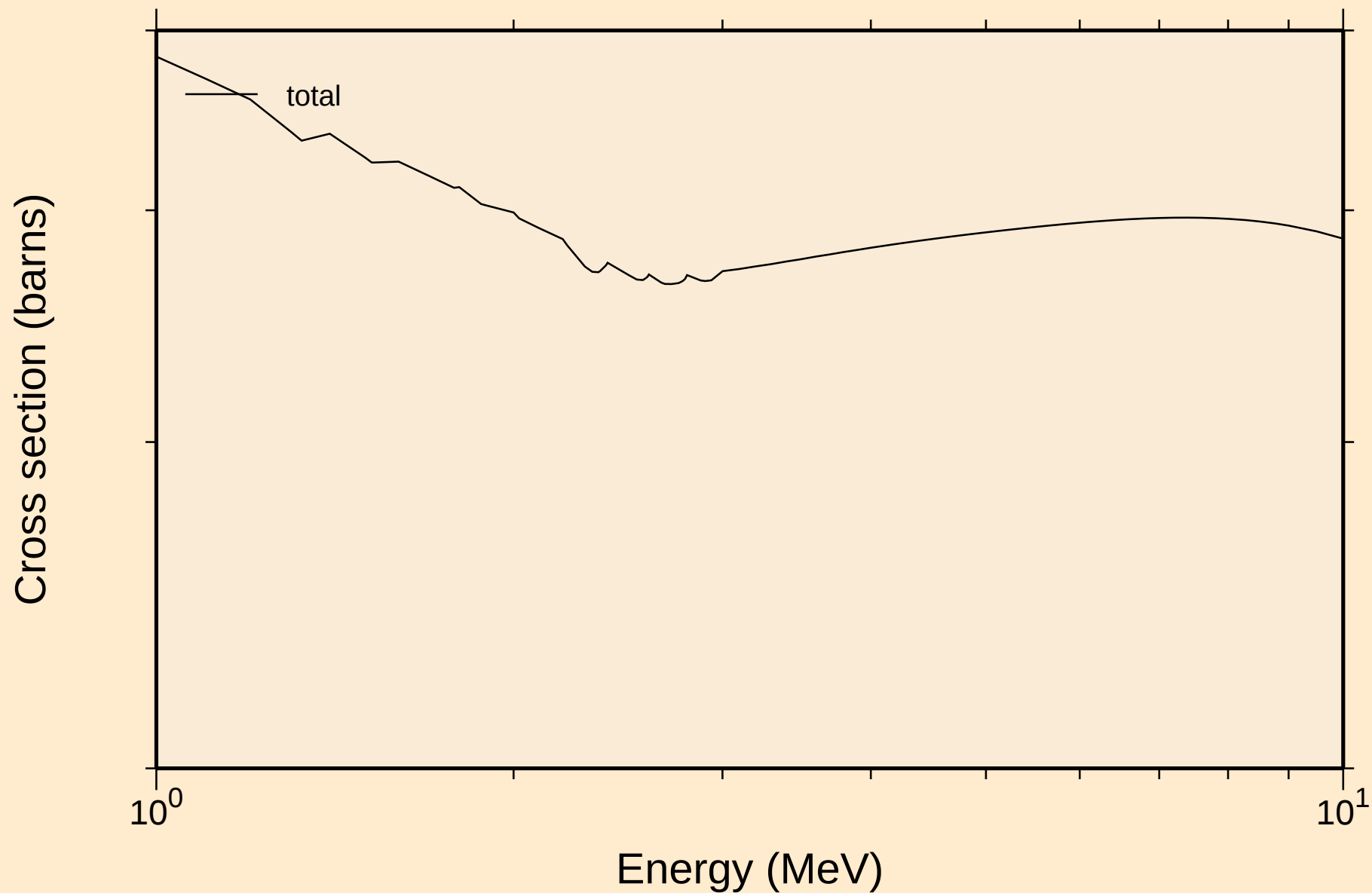
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



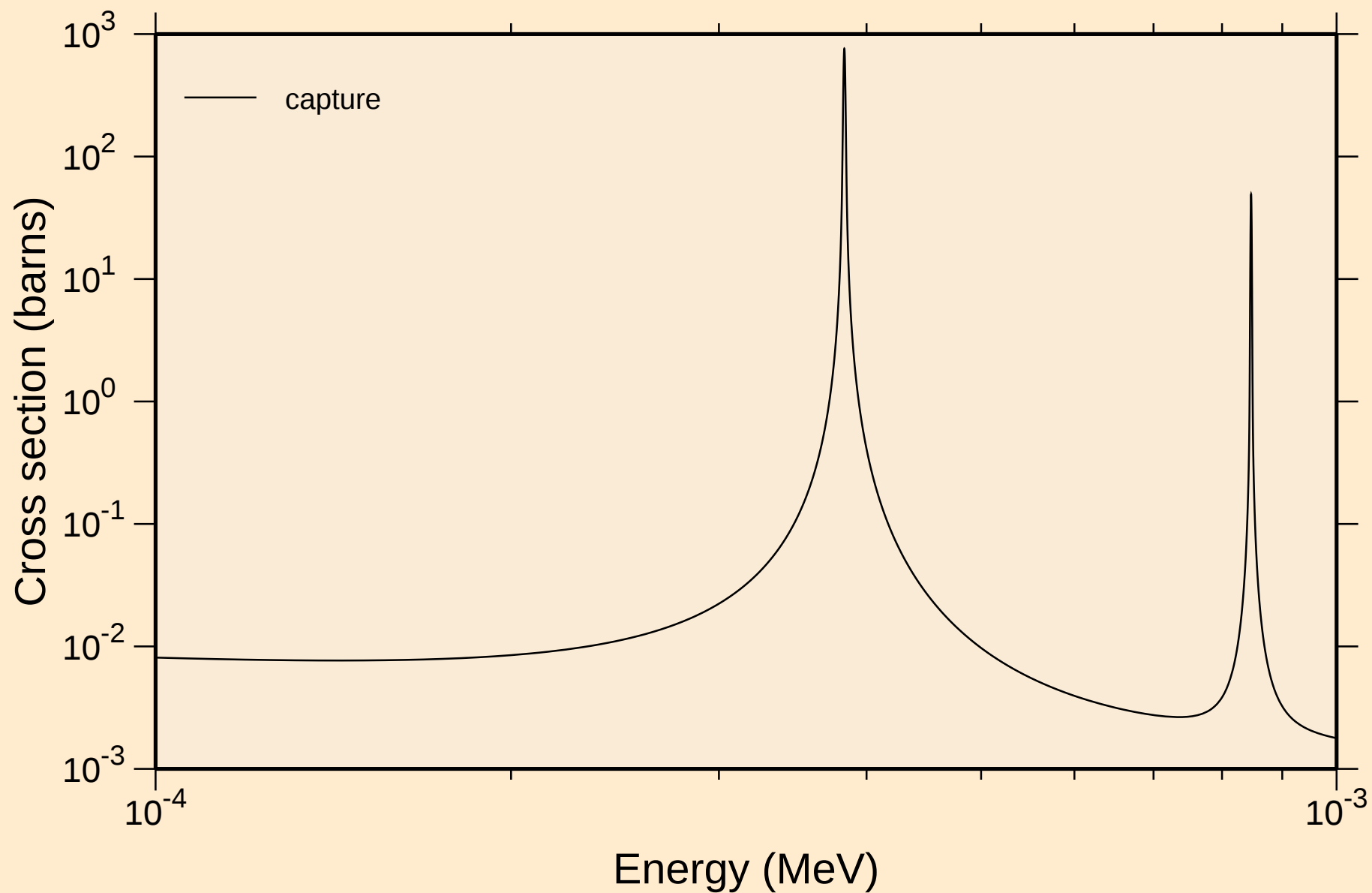
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



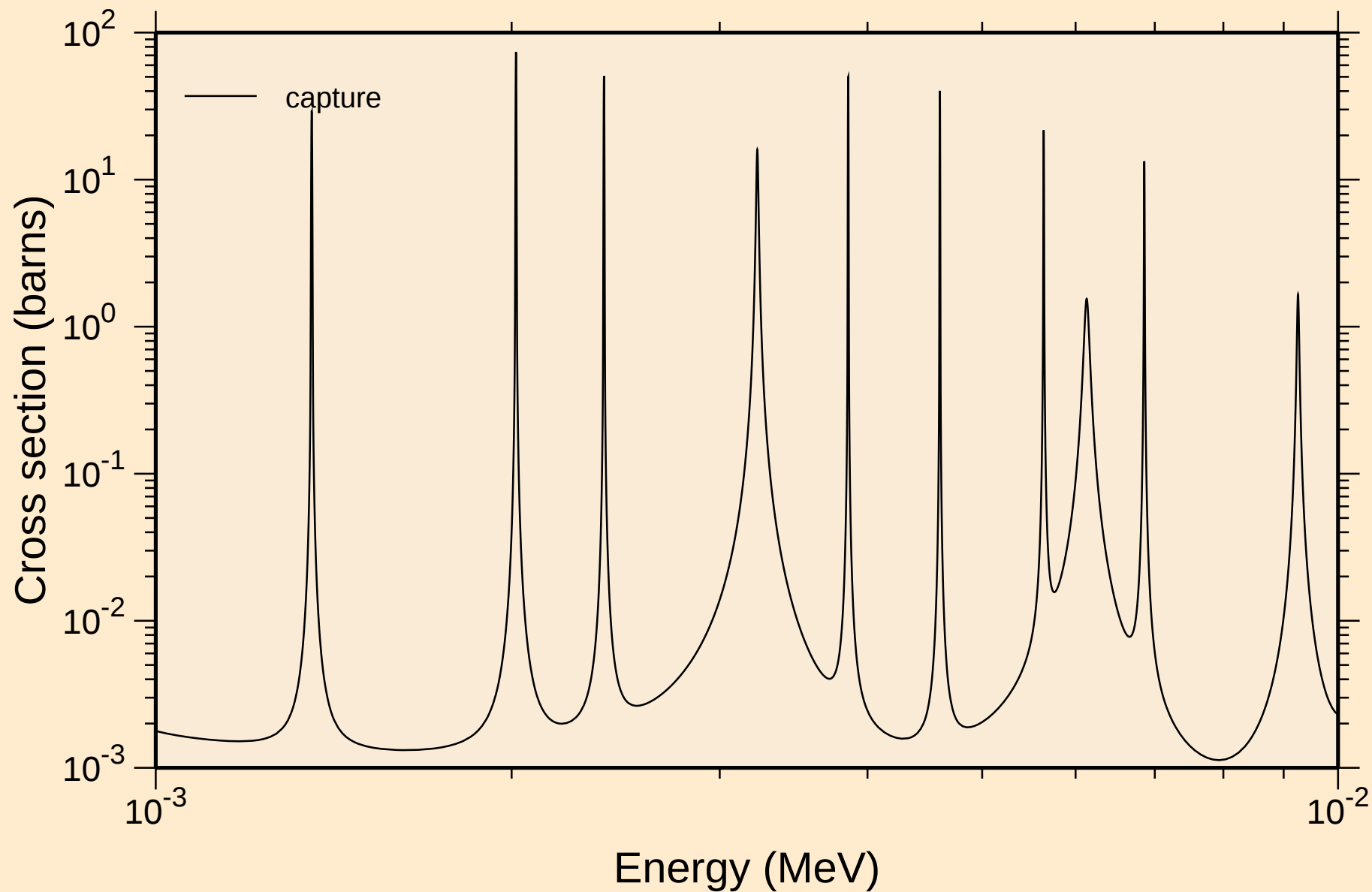
S $\bar{\text{E}}$ 078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



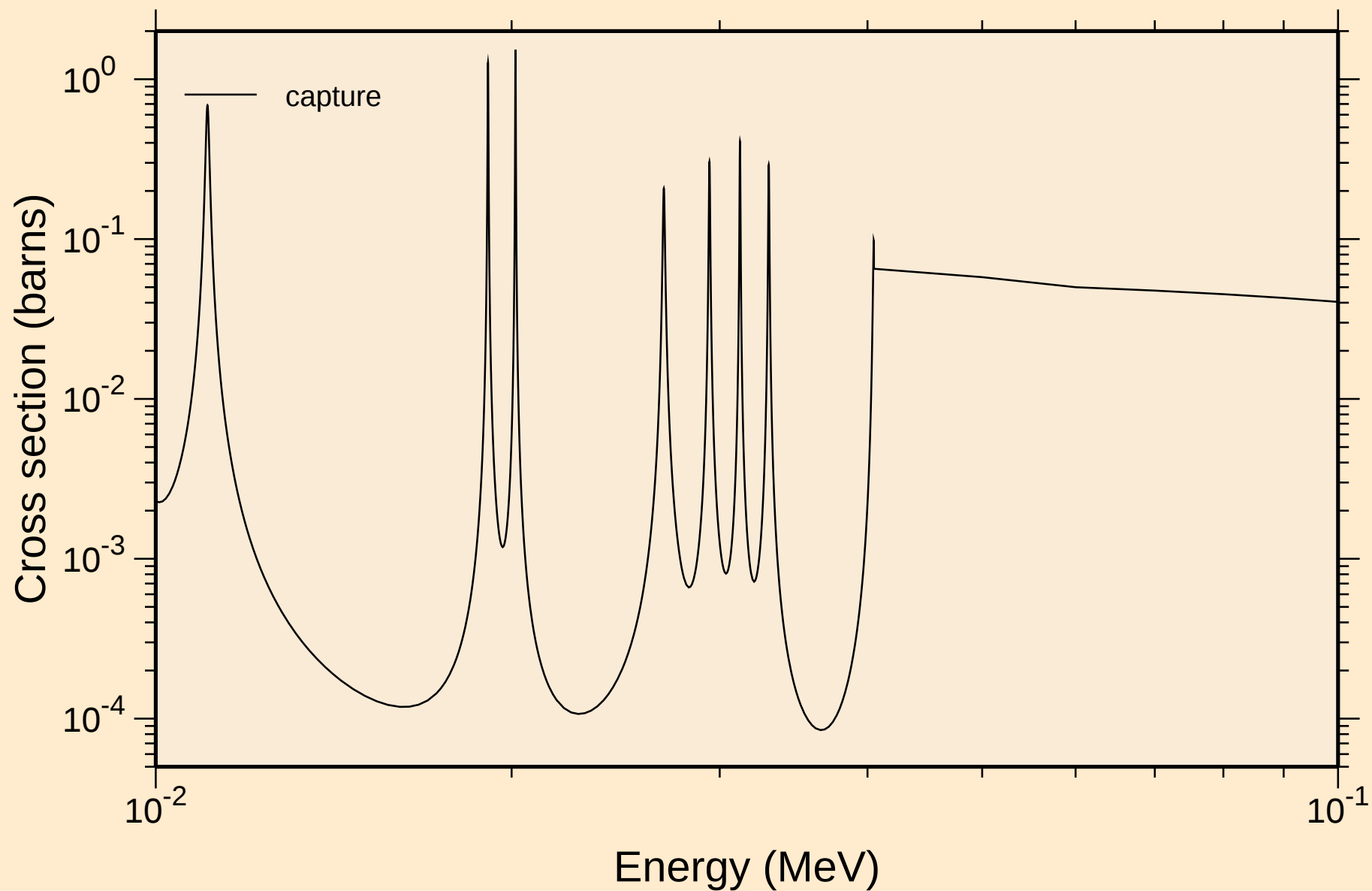
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



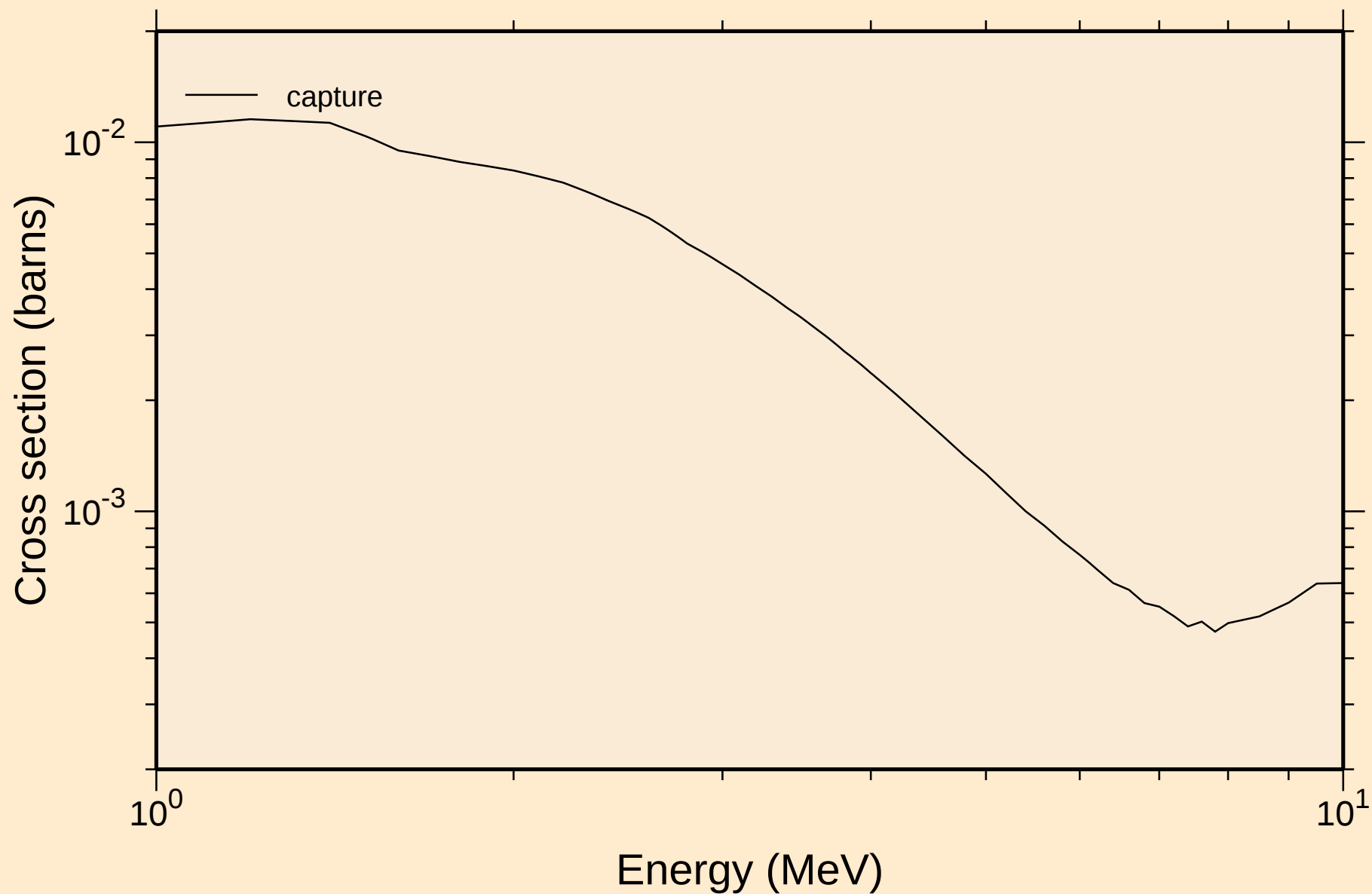
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



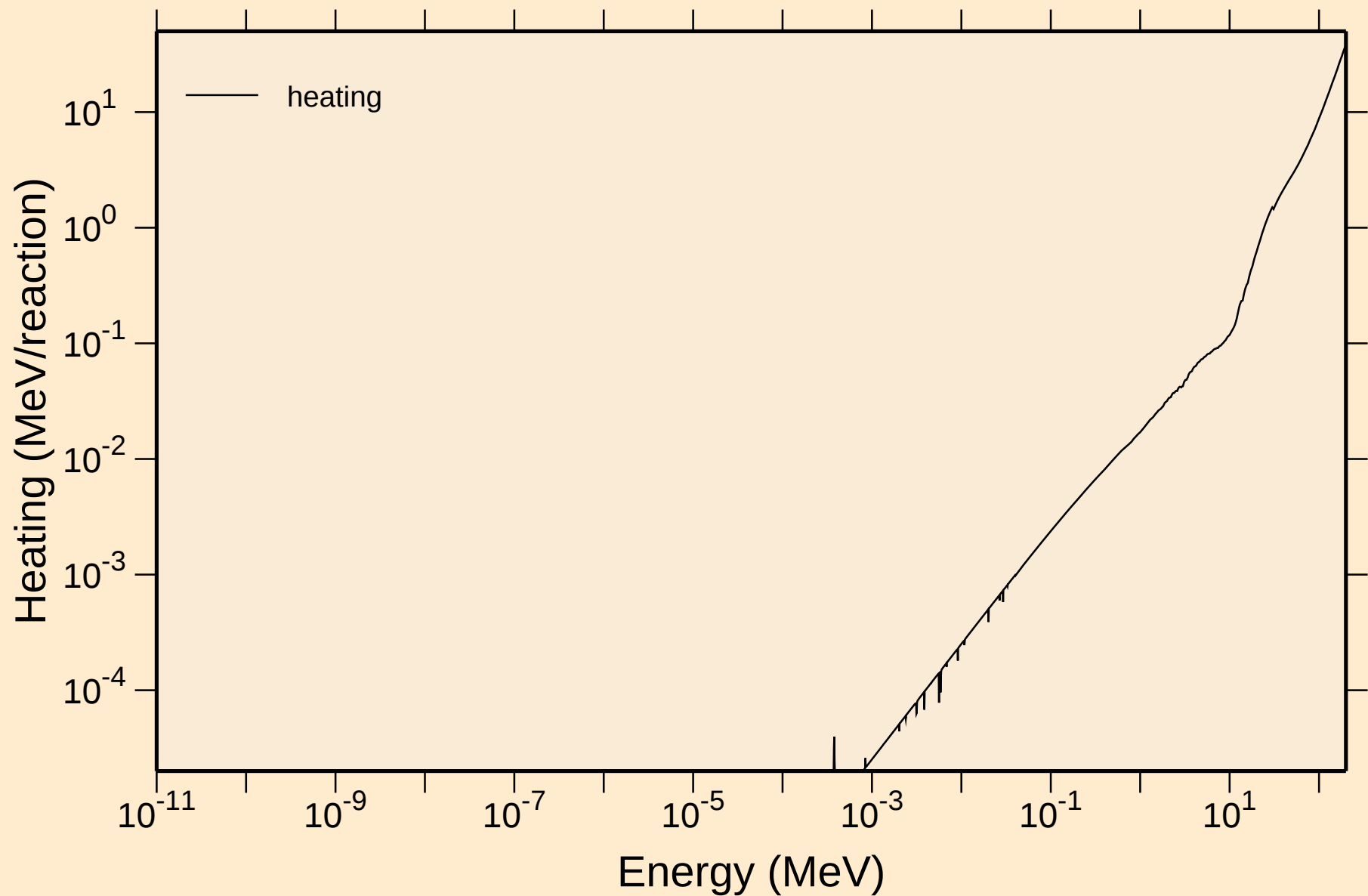
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



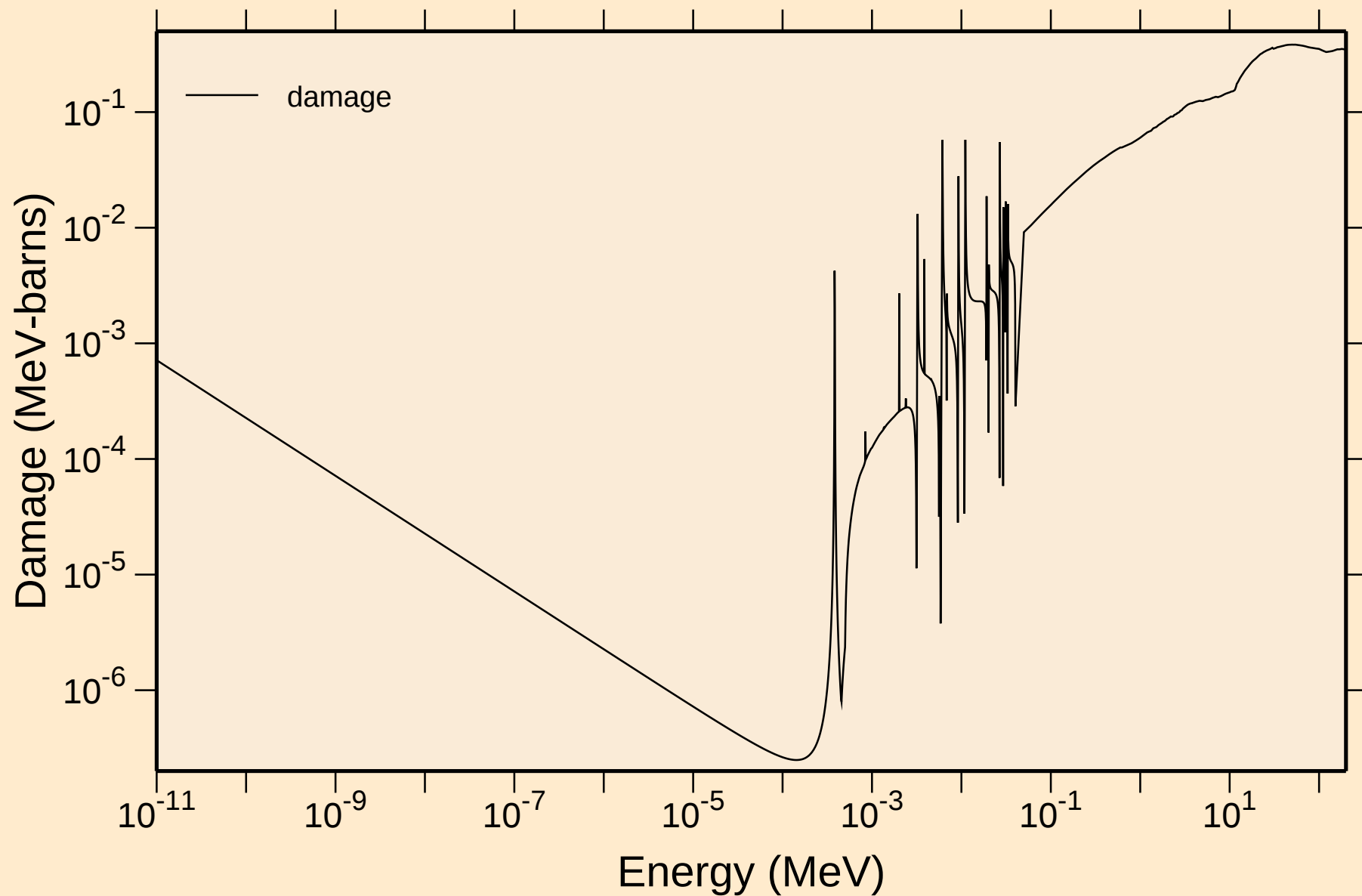
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



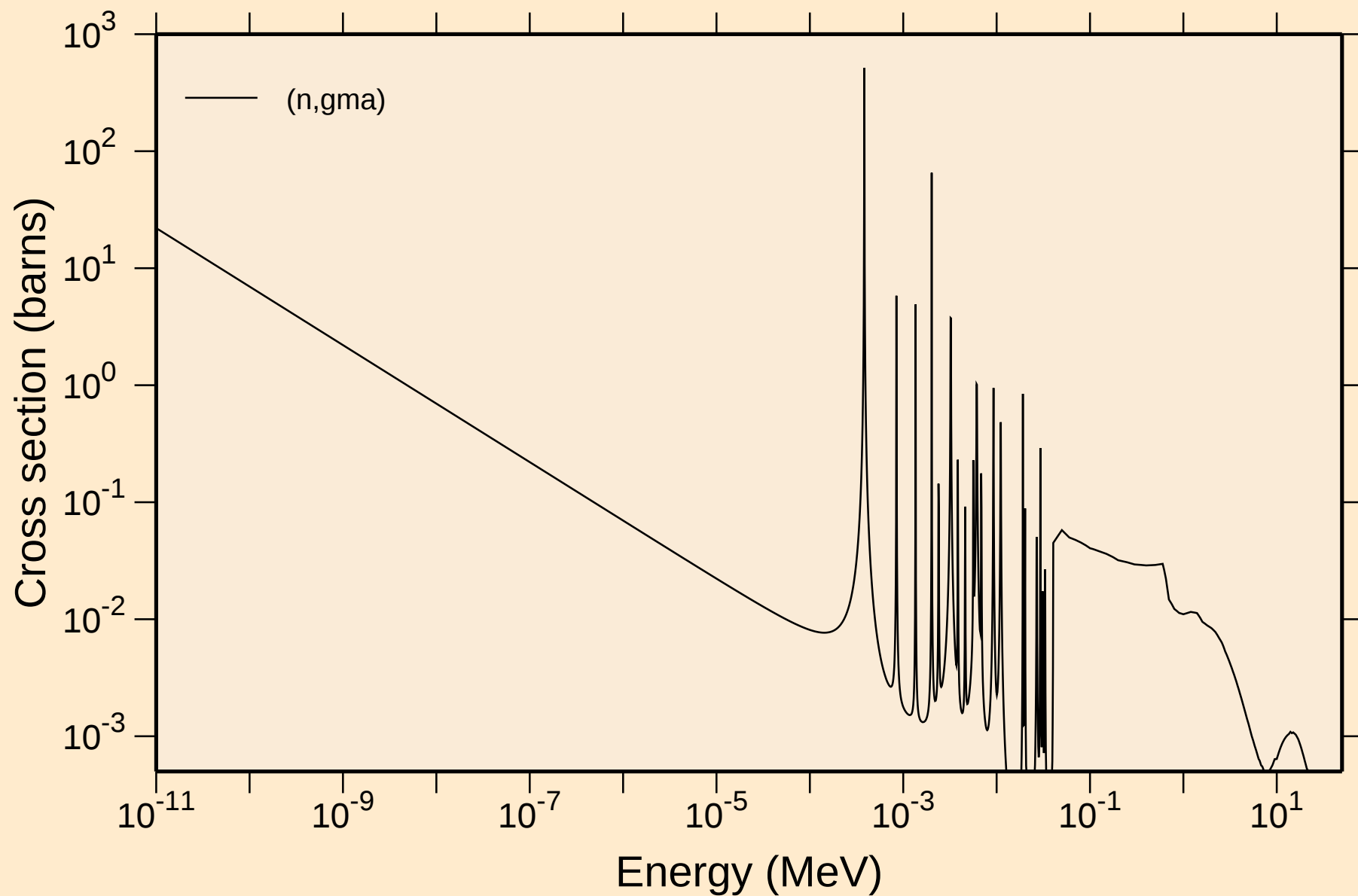
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage

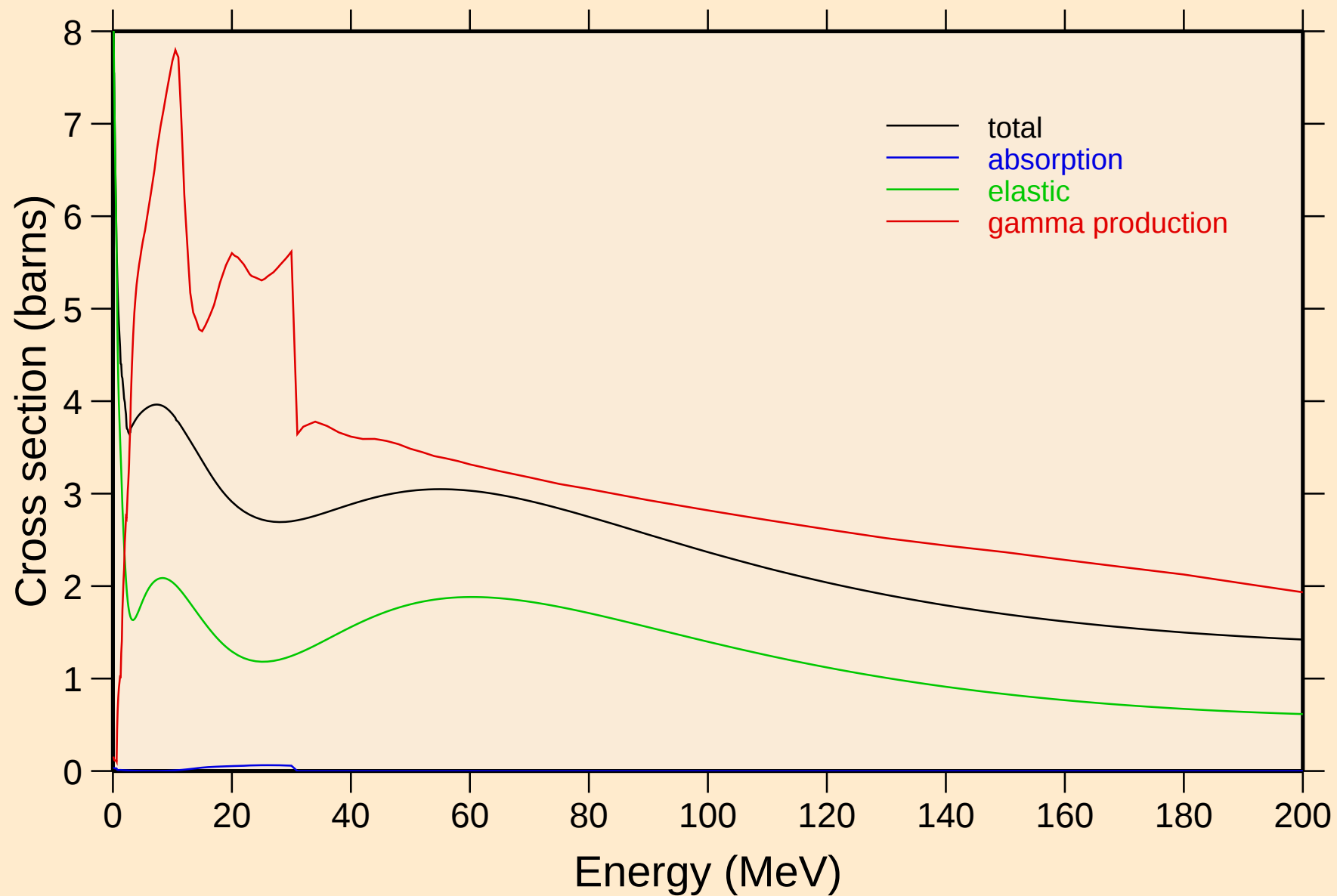


SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

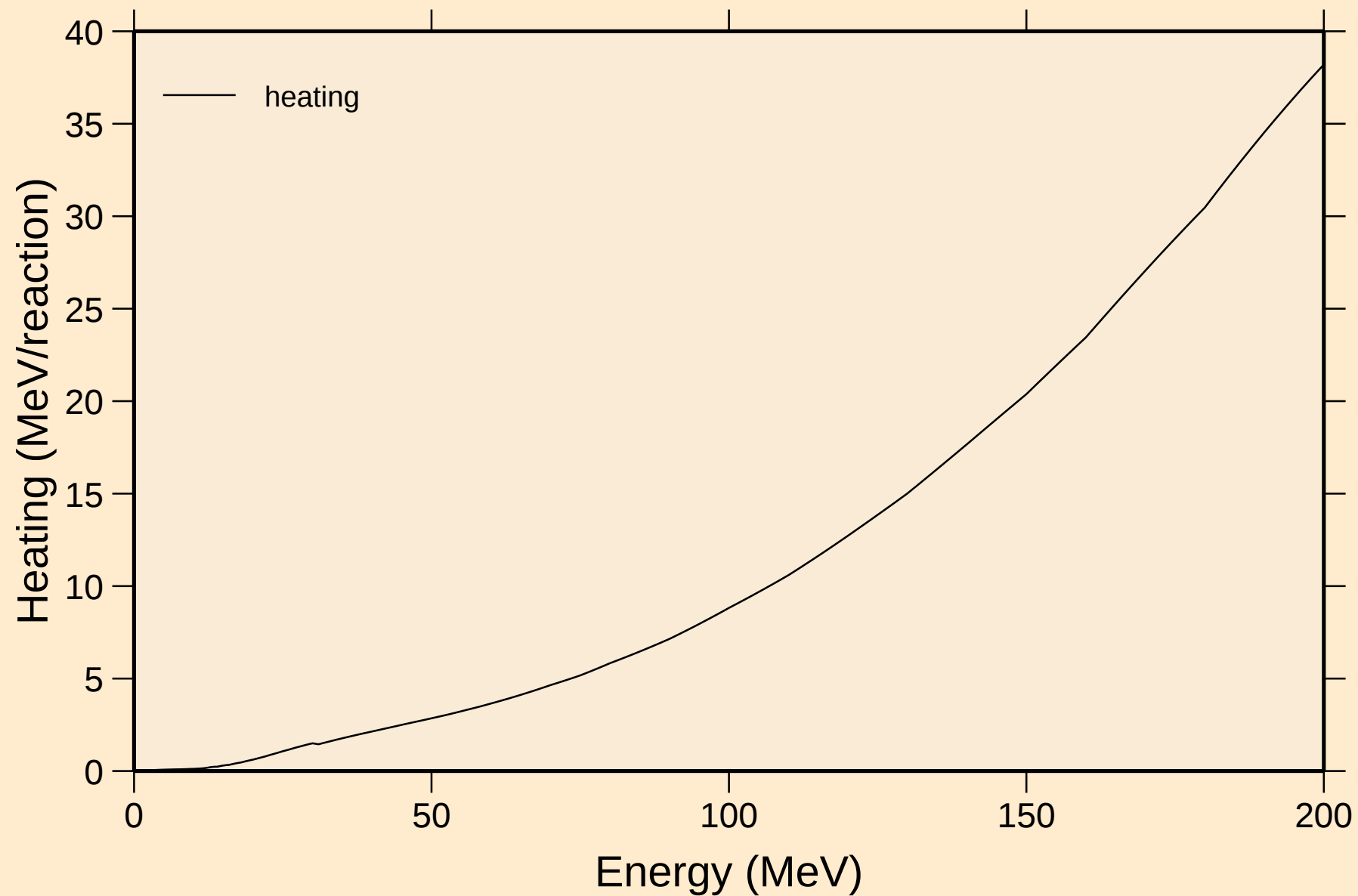


SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

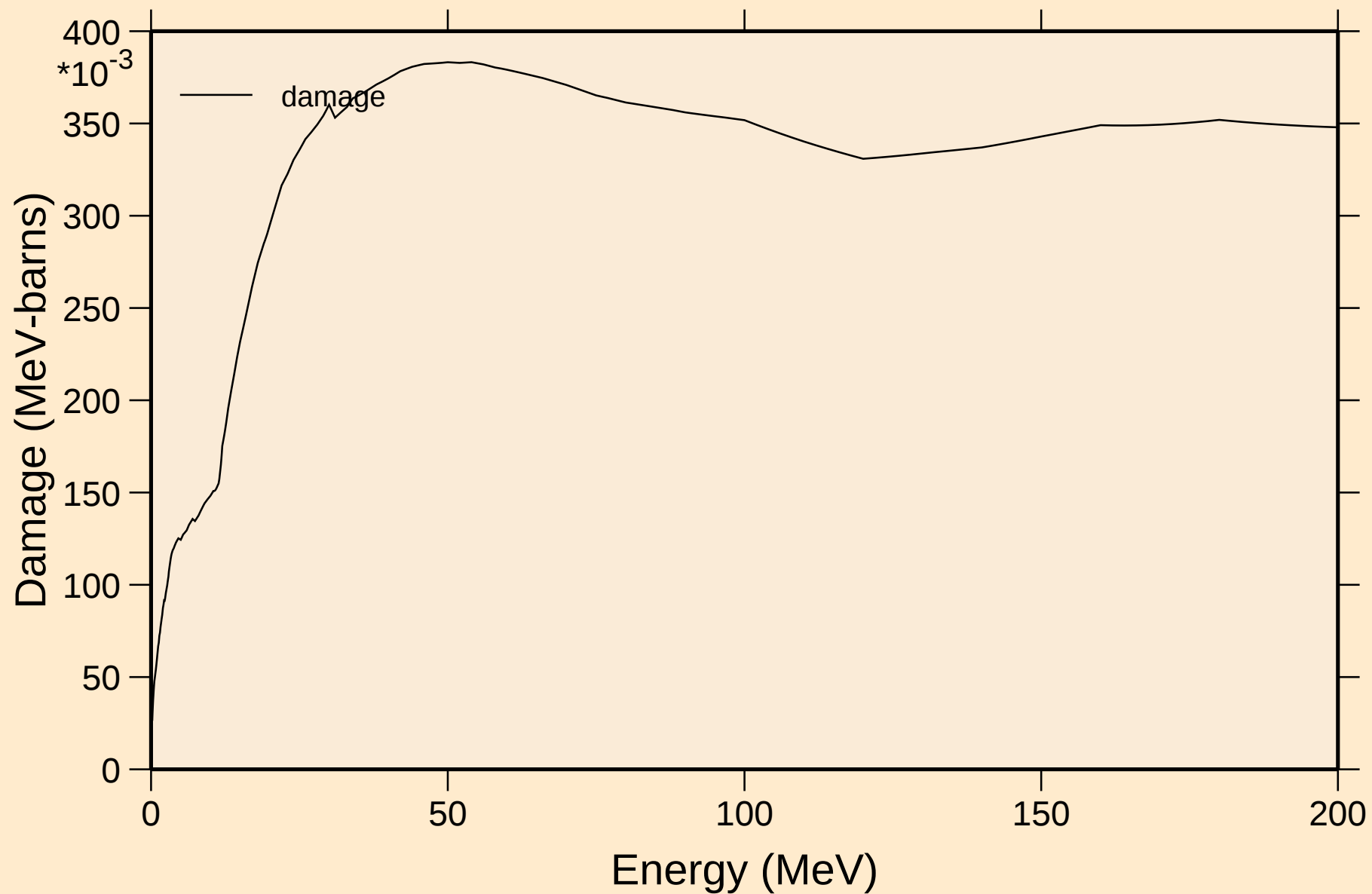
Principal cross sections



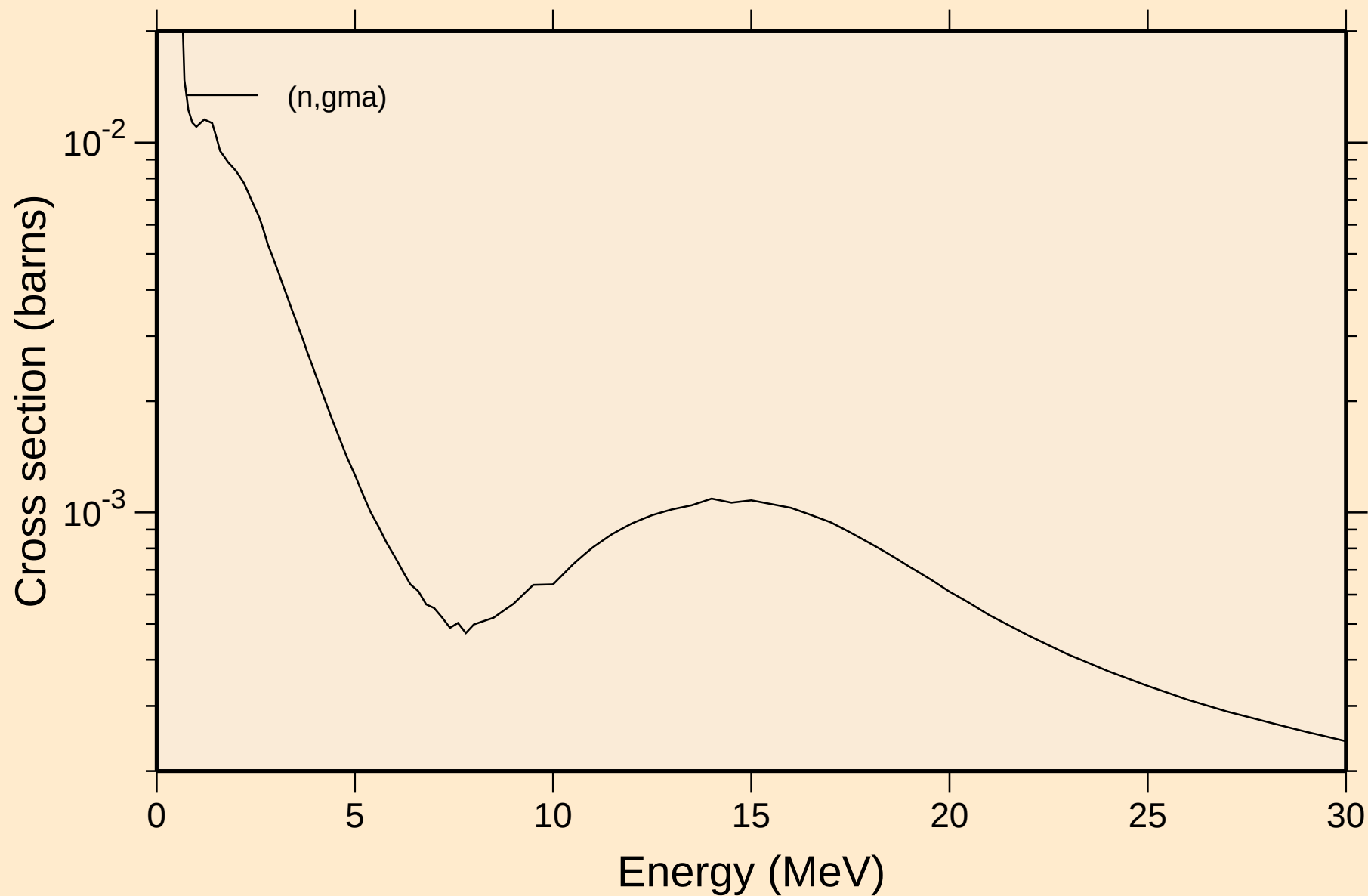
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



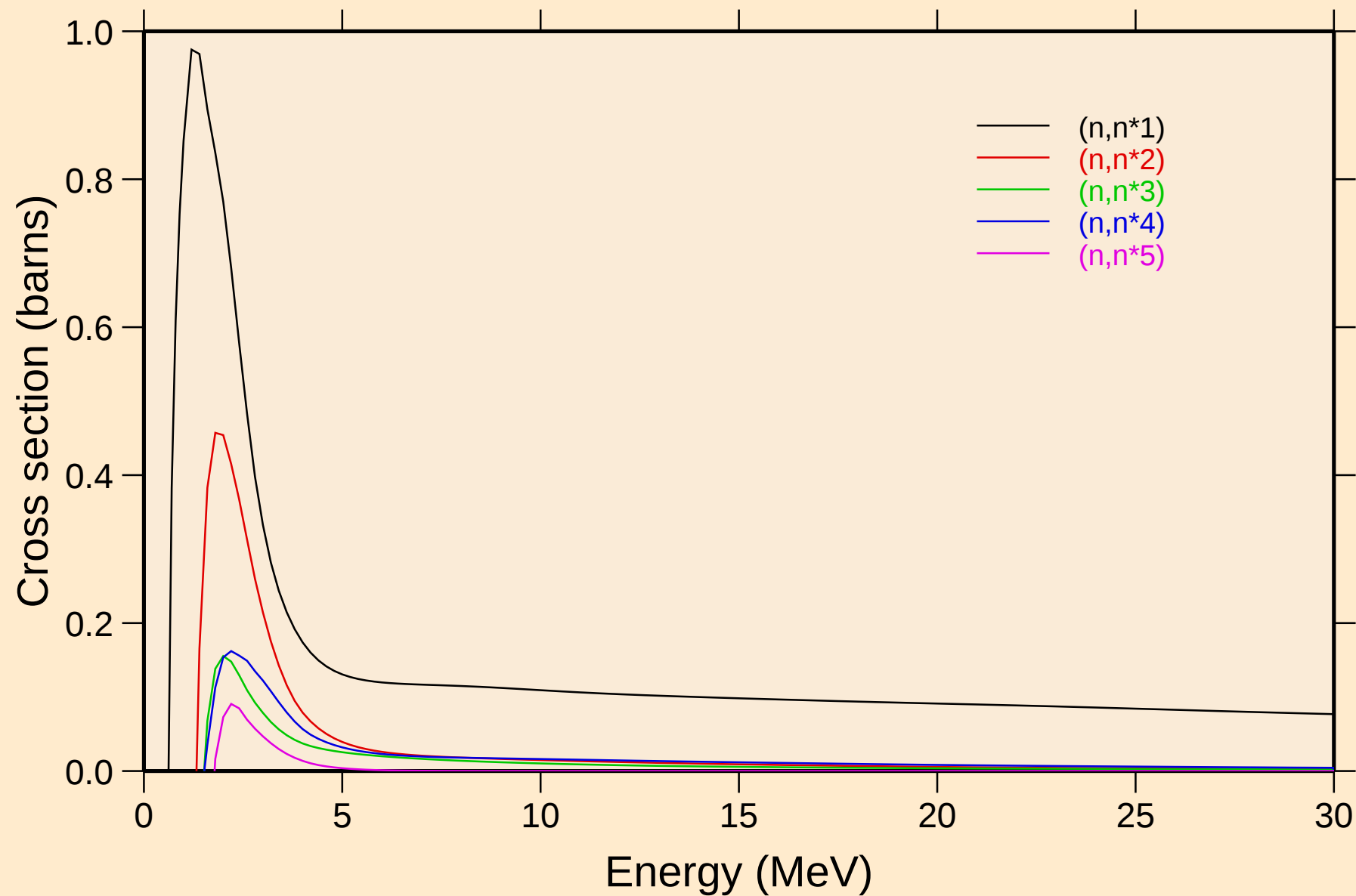
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



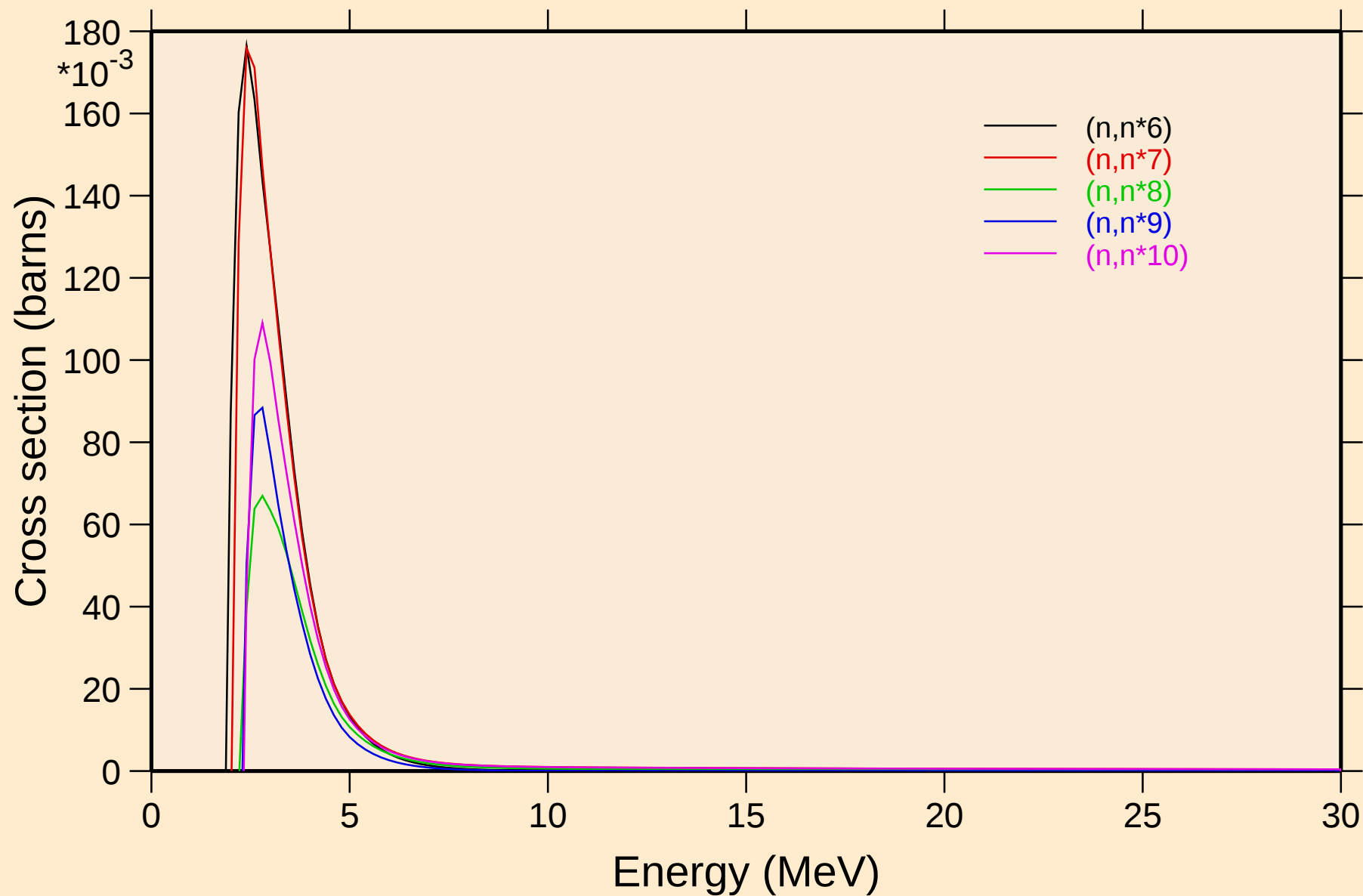
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



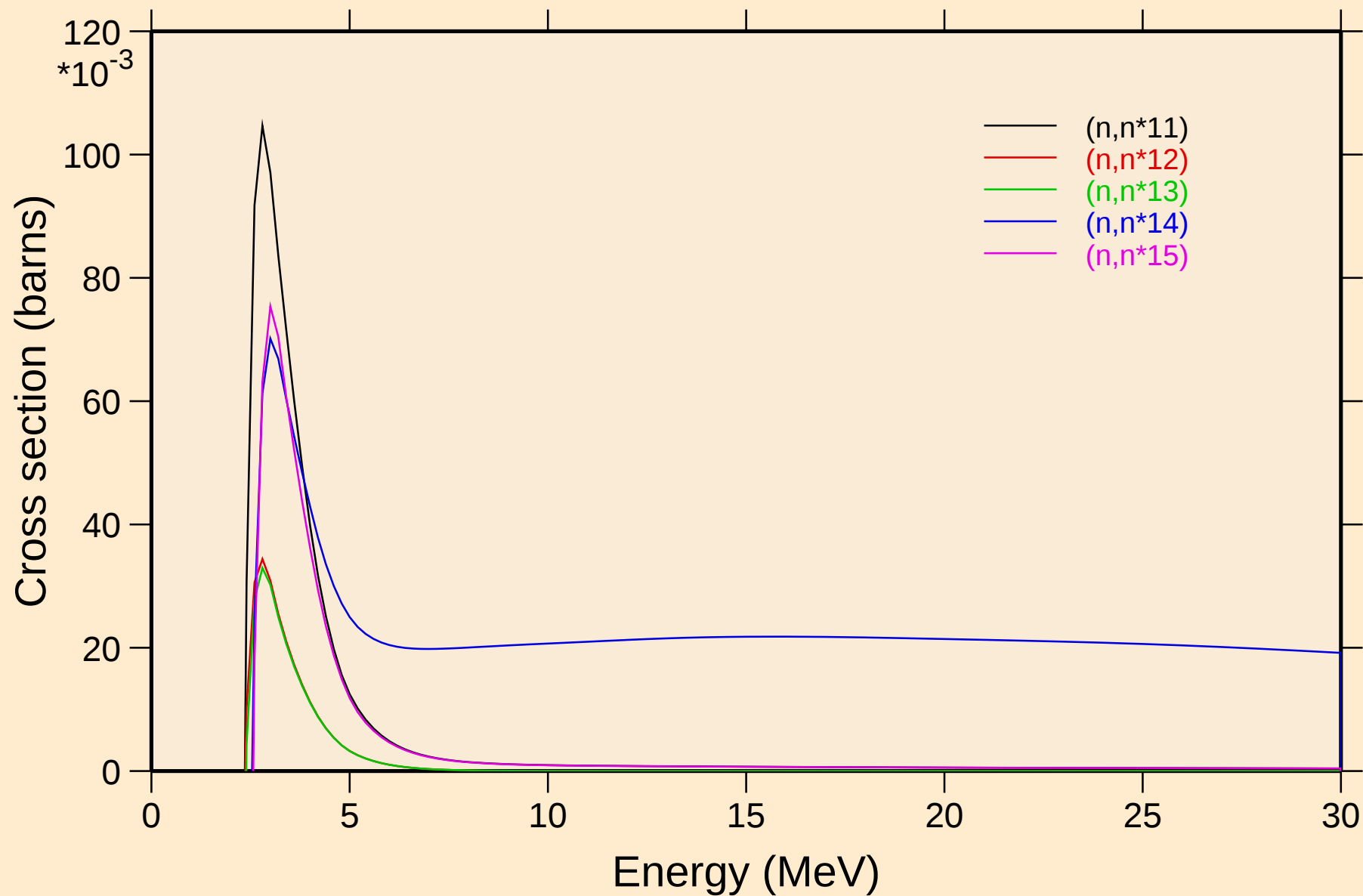
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



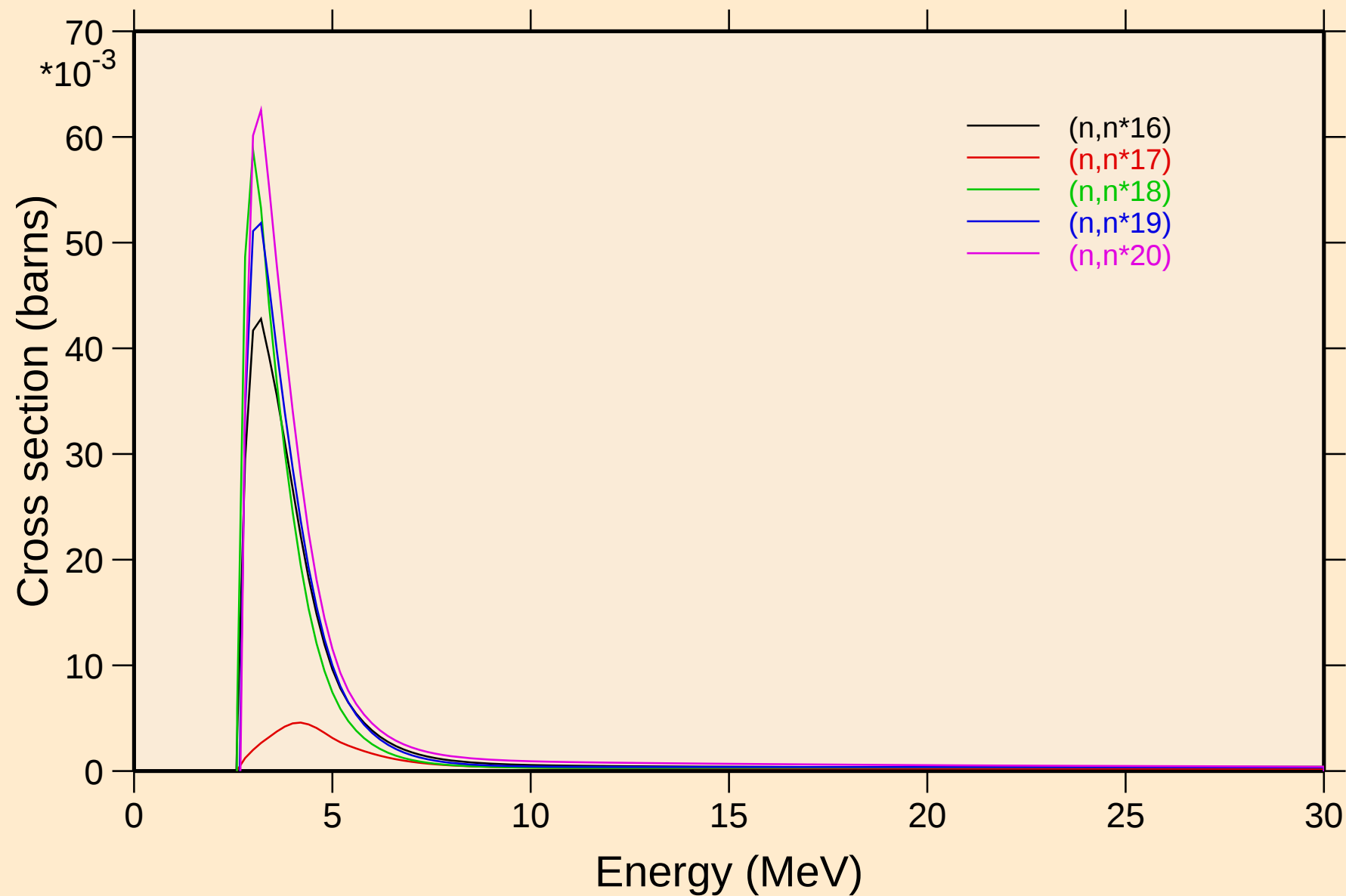
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



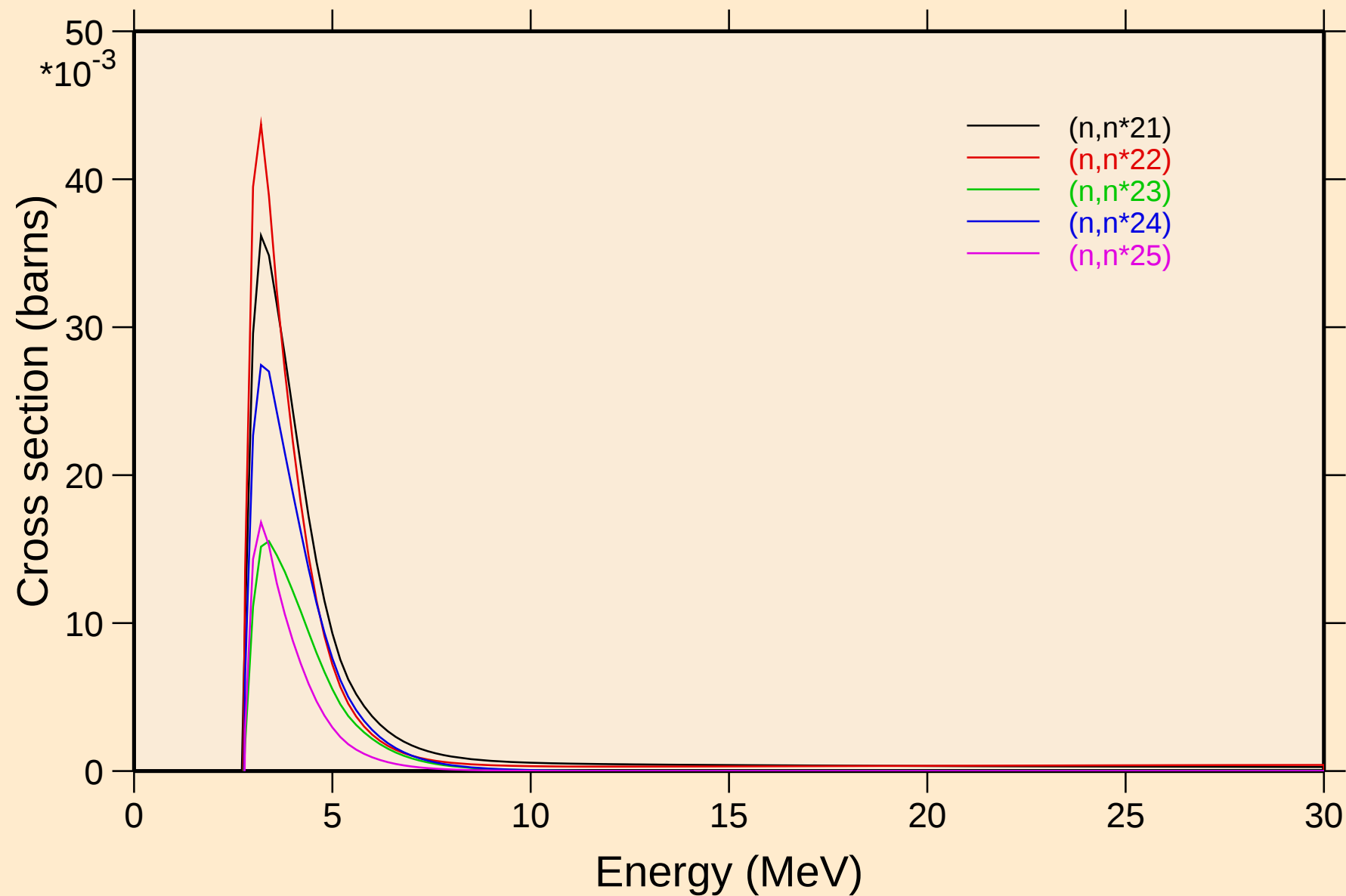
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



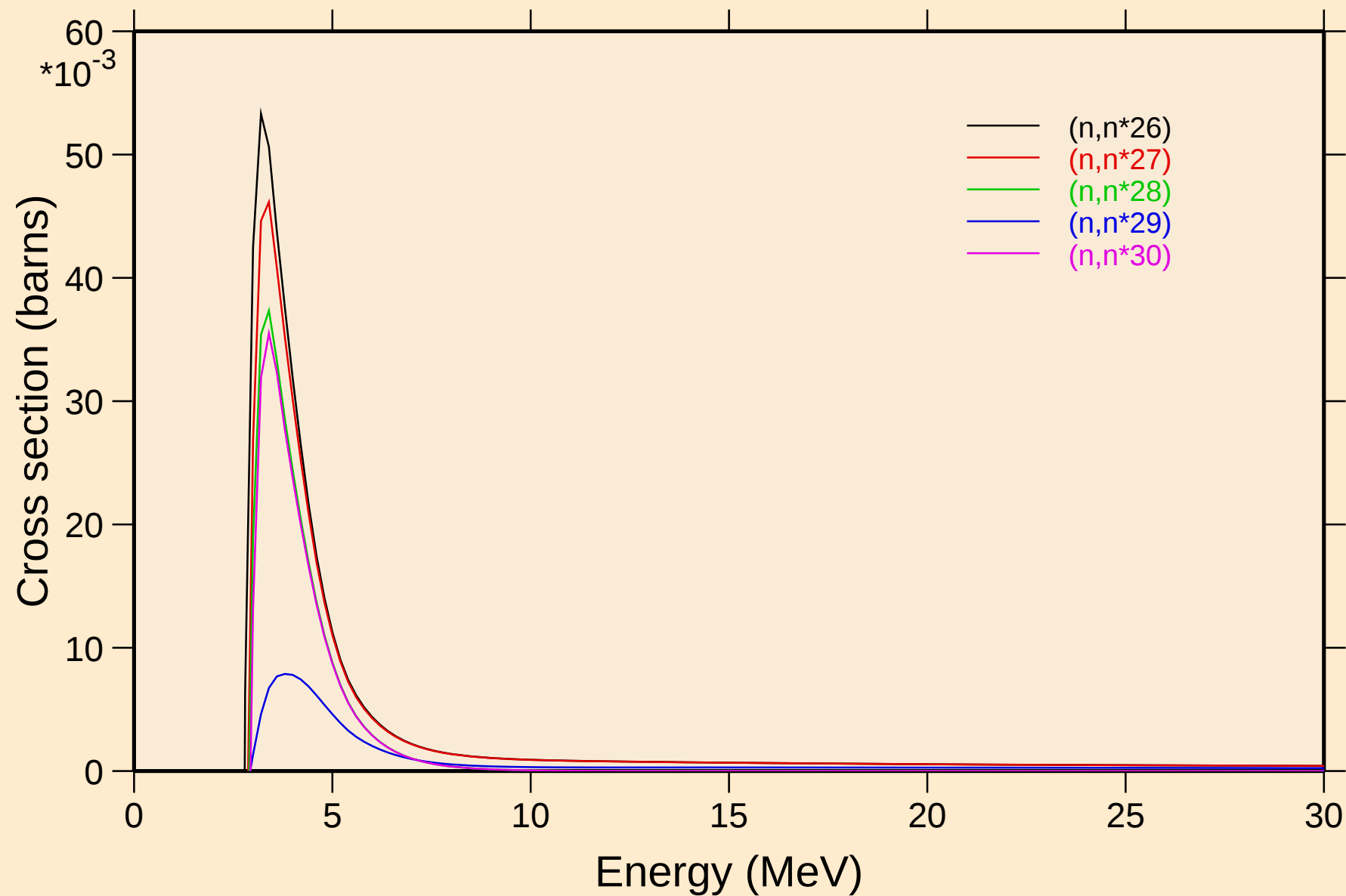
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



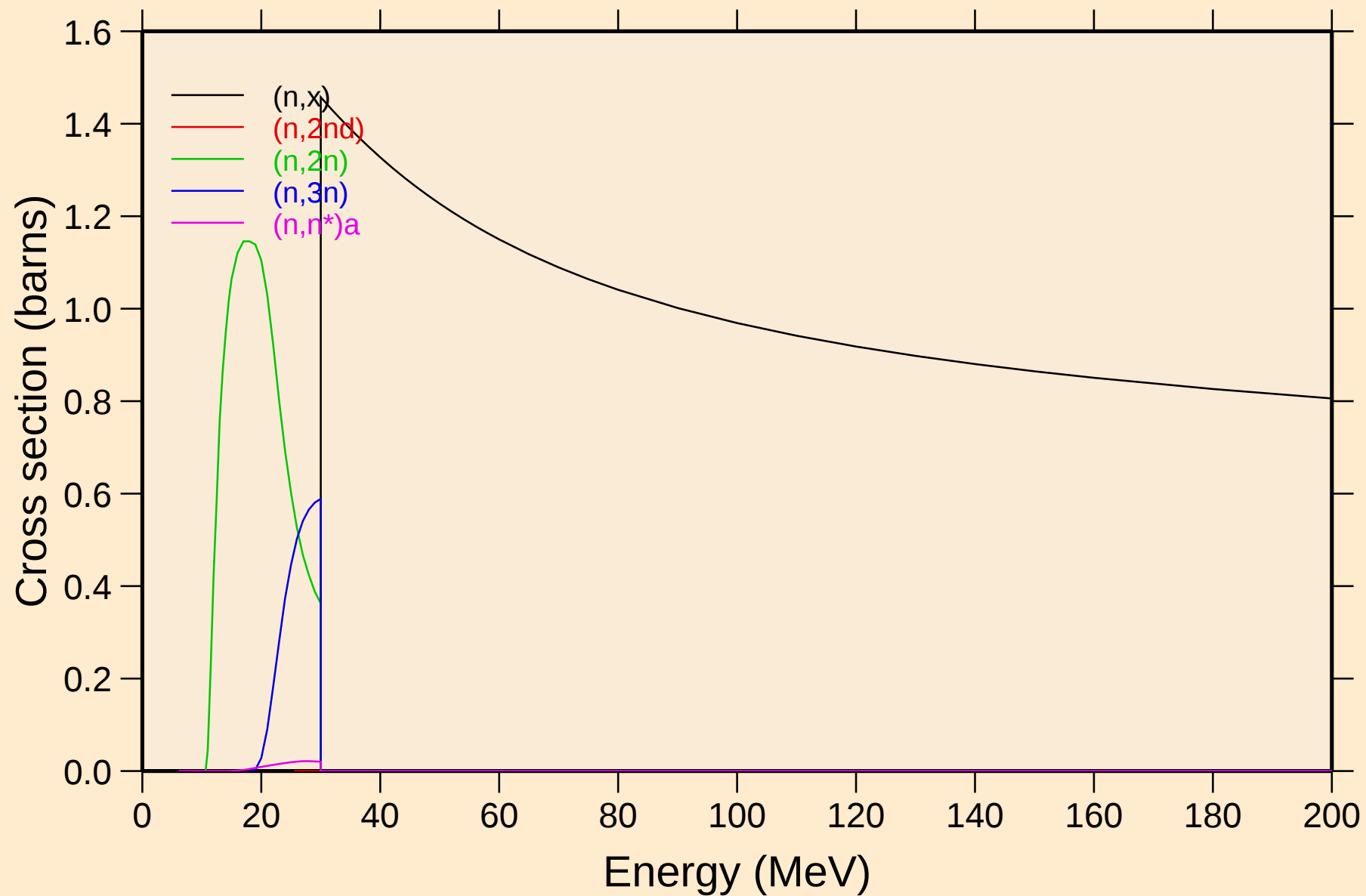
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



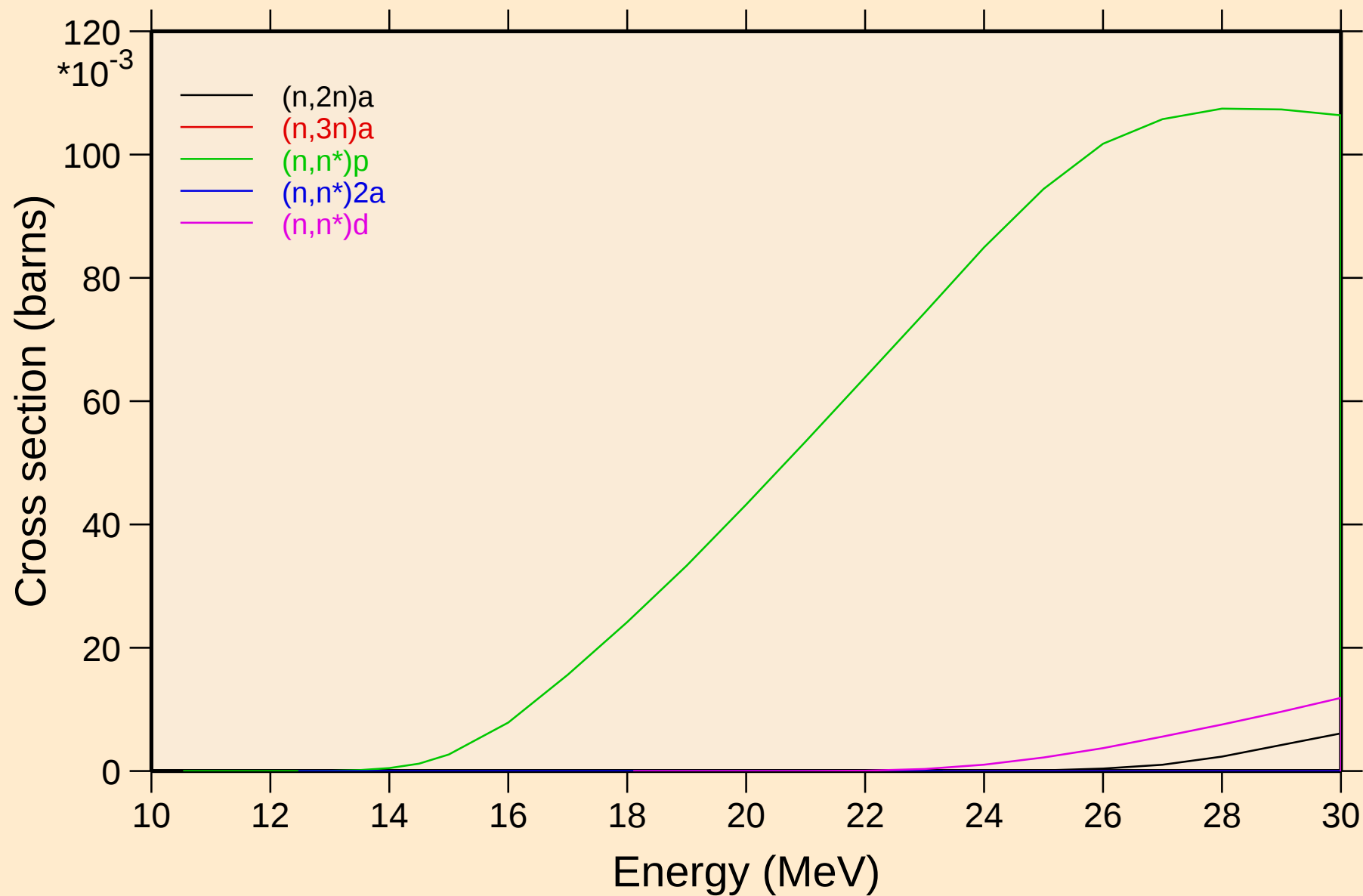
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



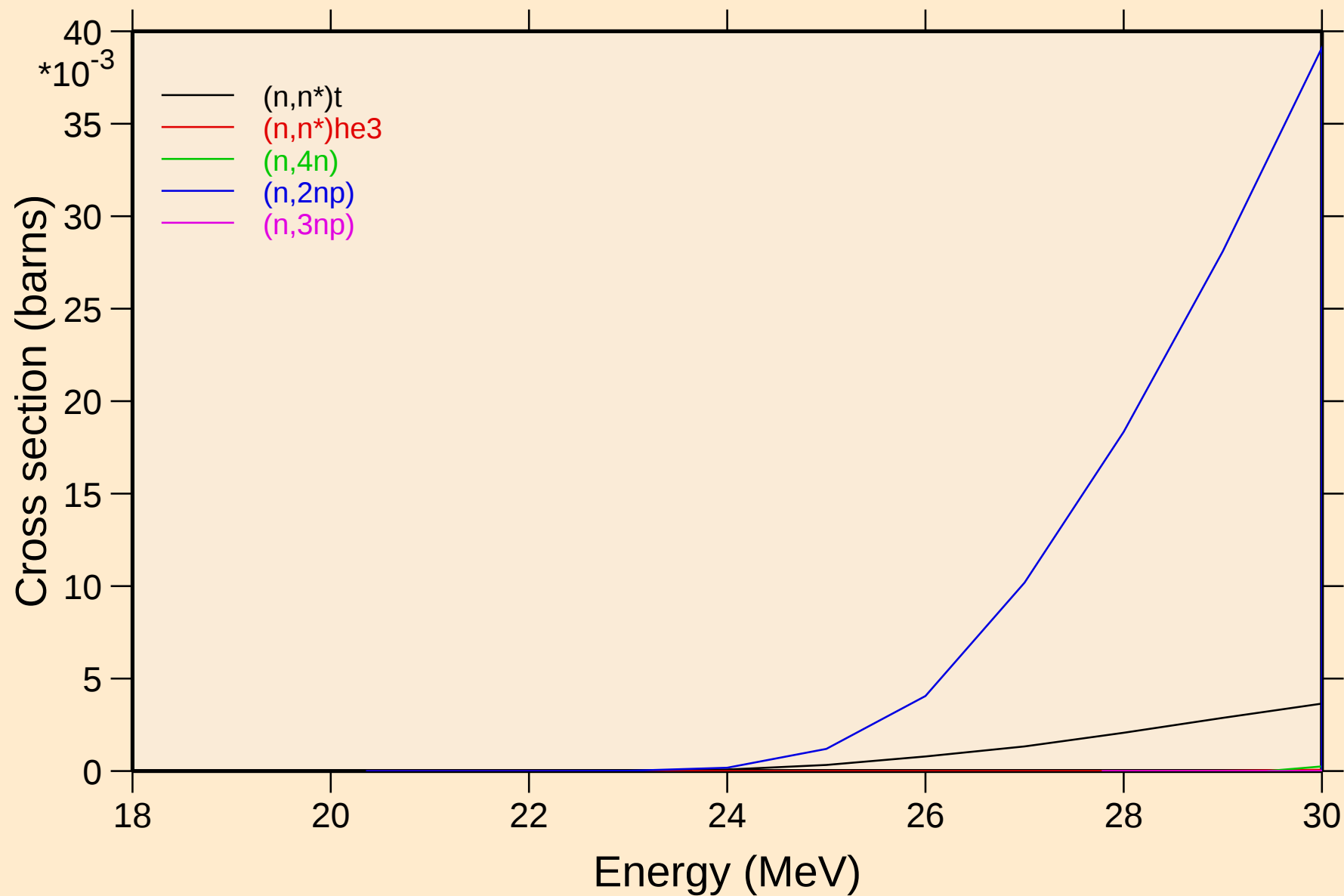
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



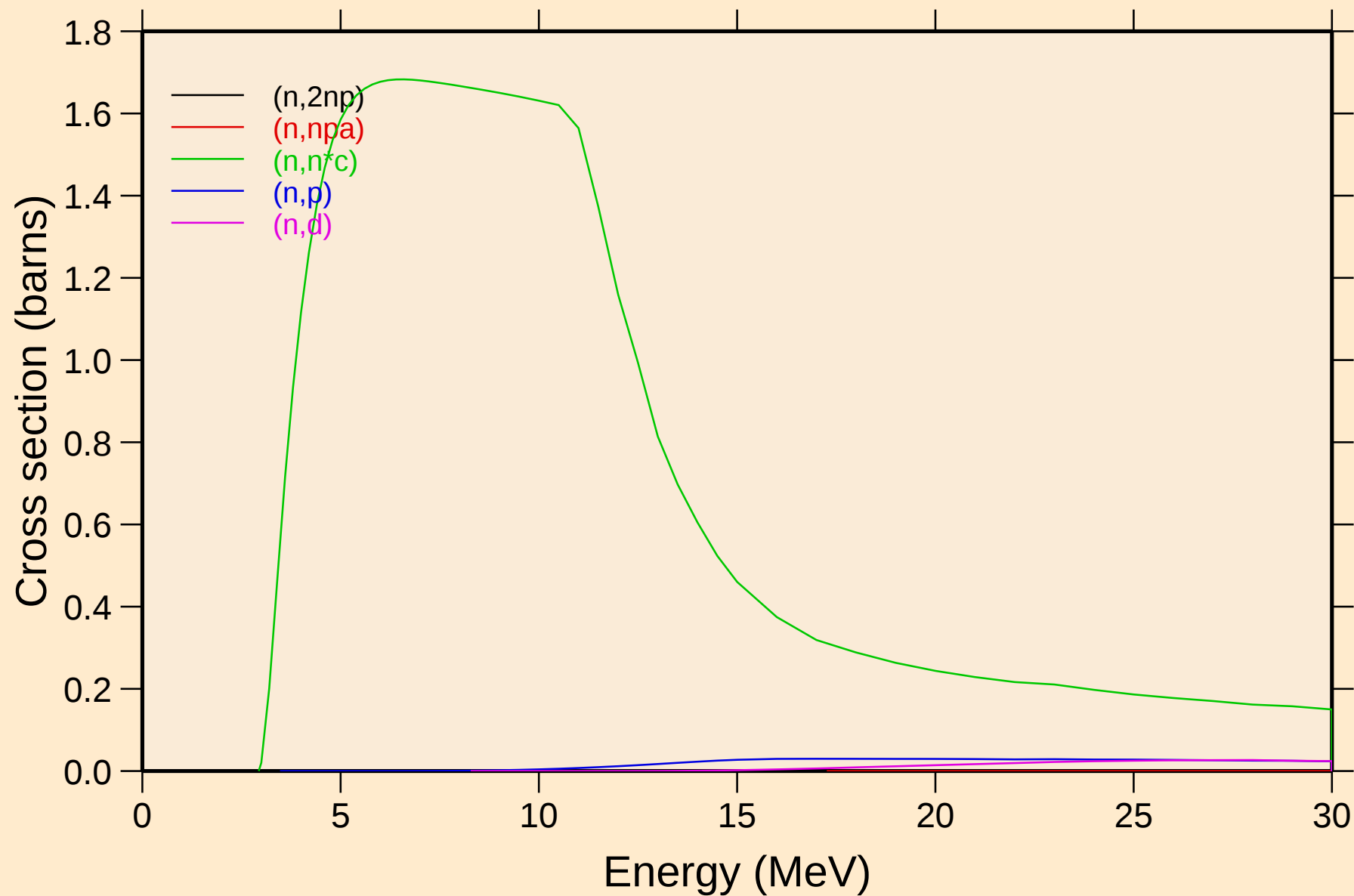
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



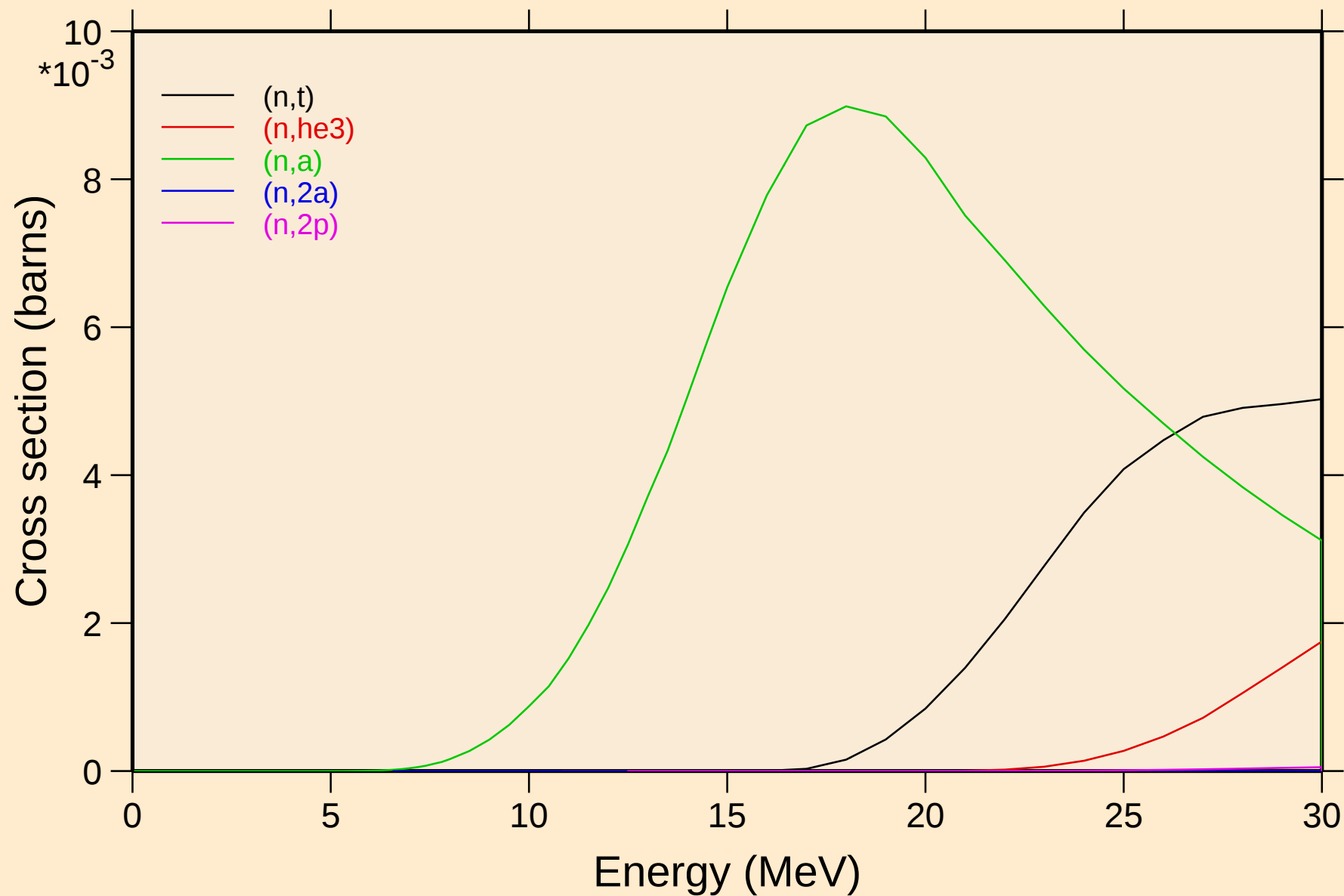
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



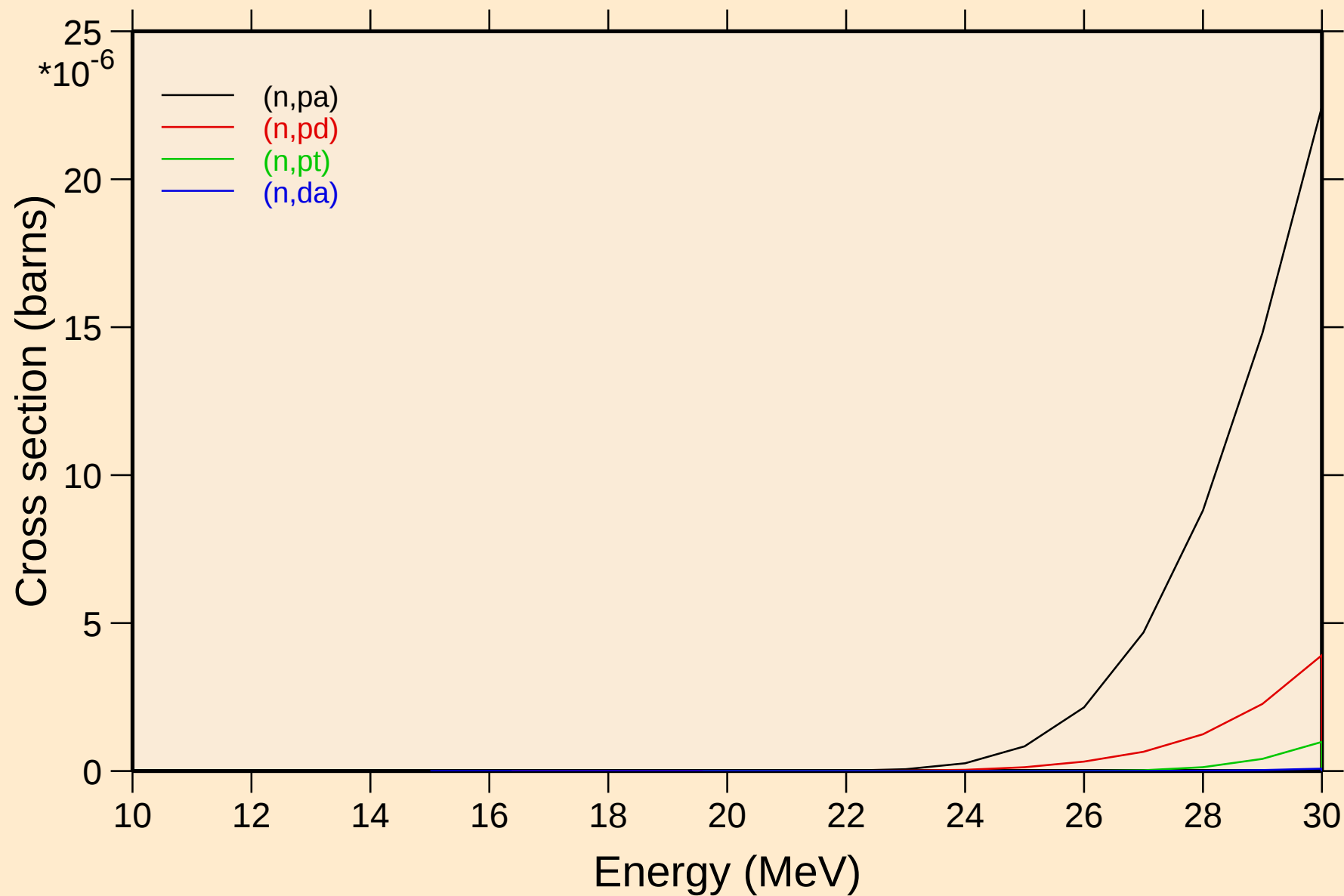
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



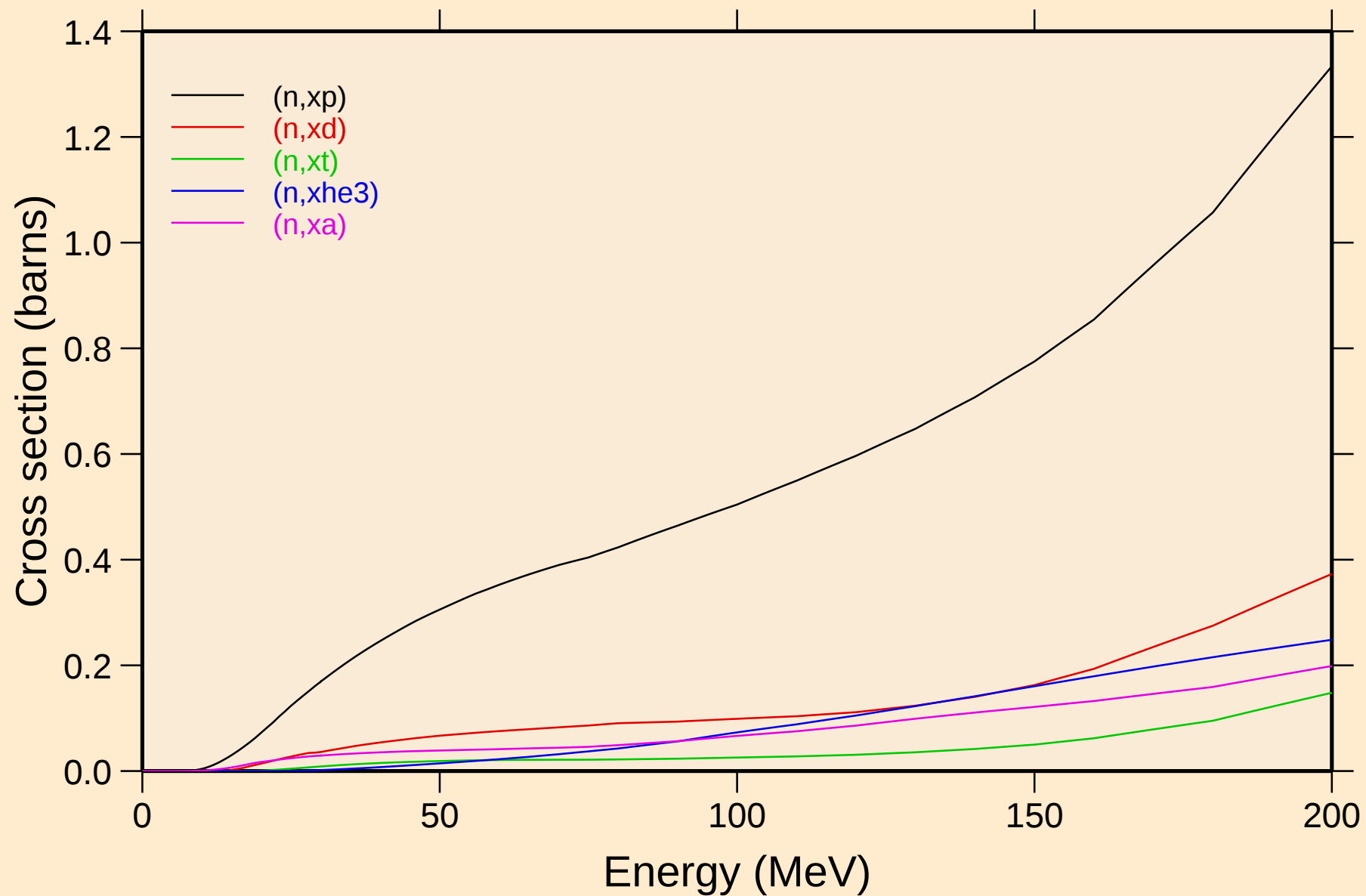
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



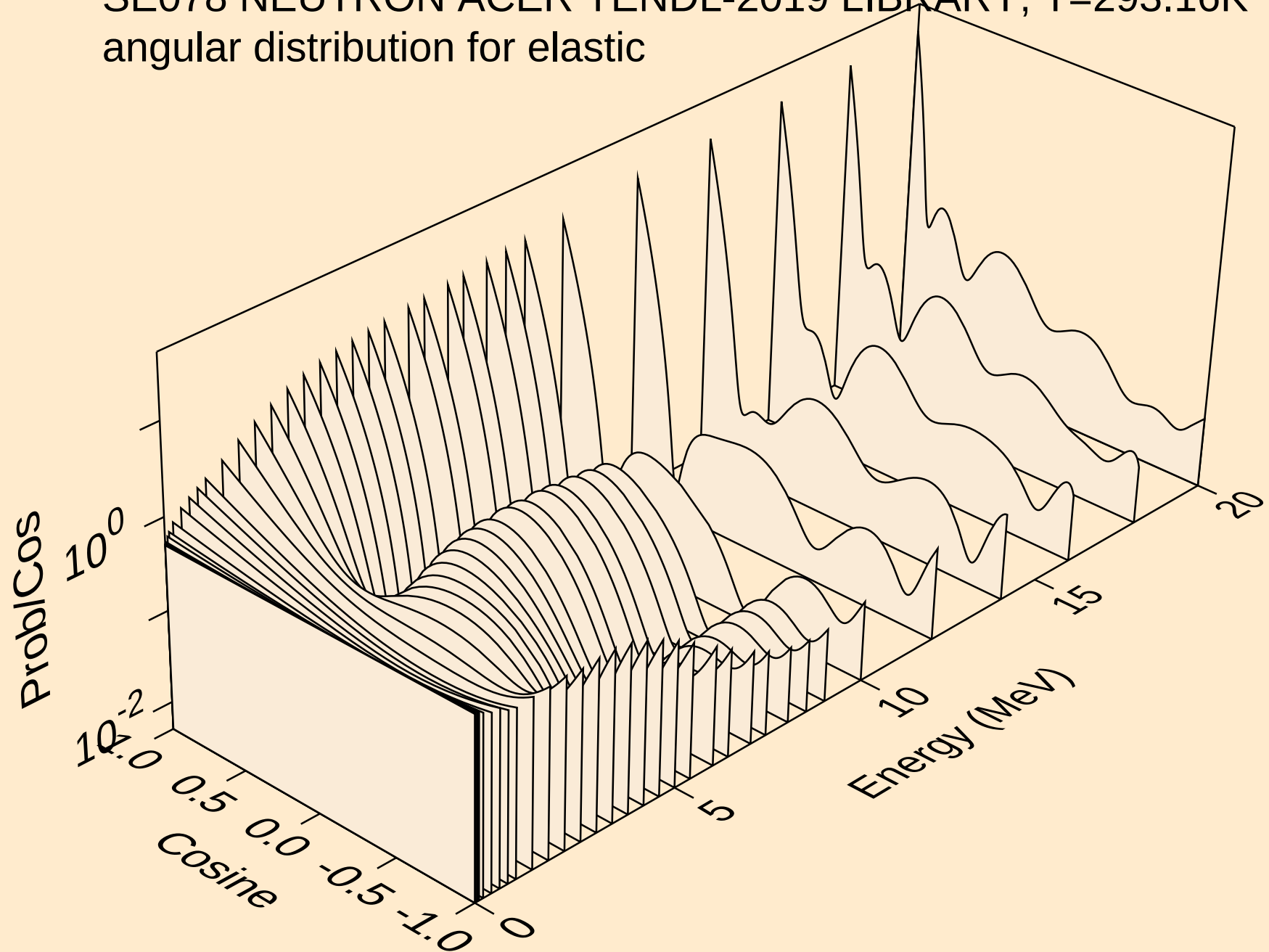
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



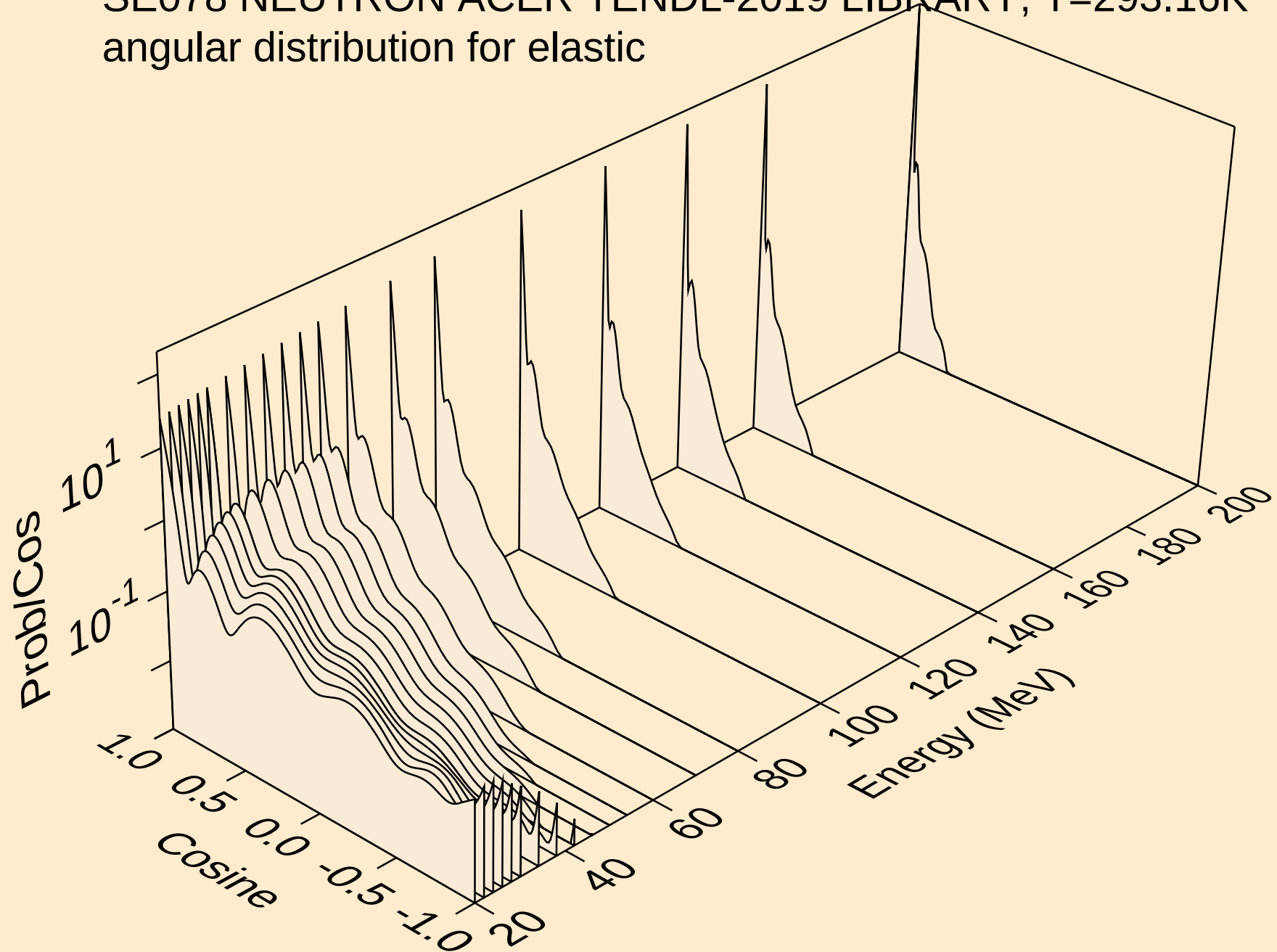
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



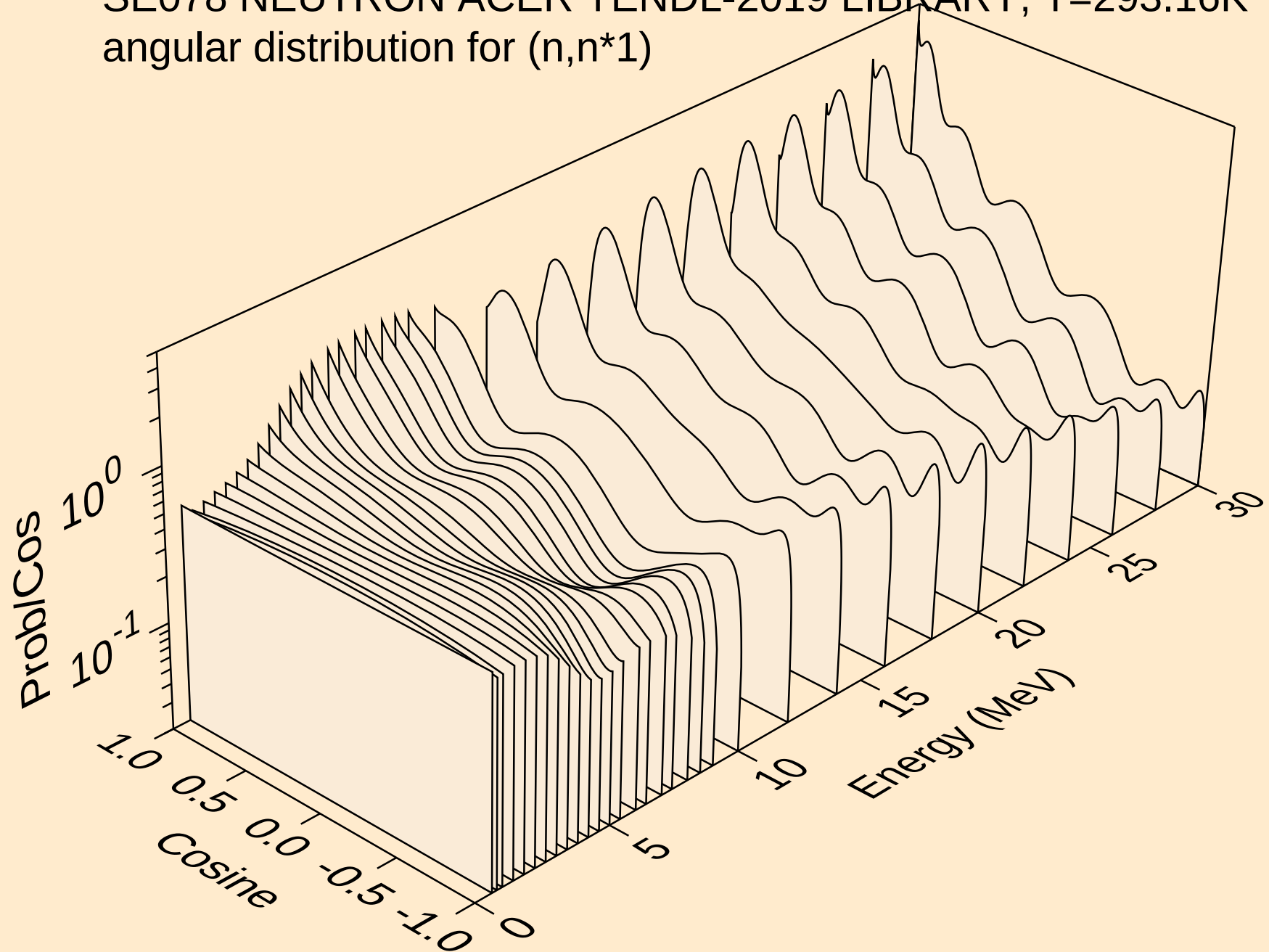
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



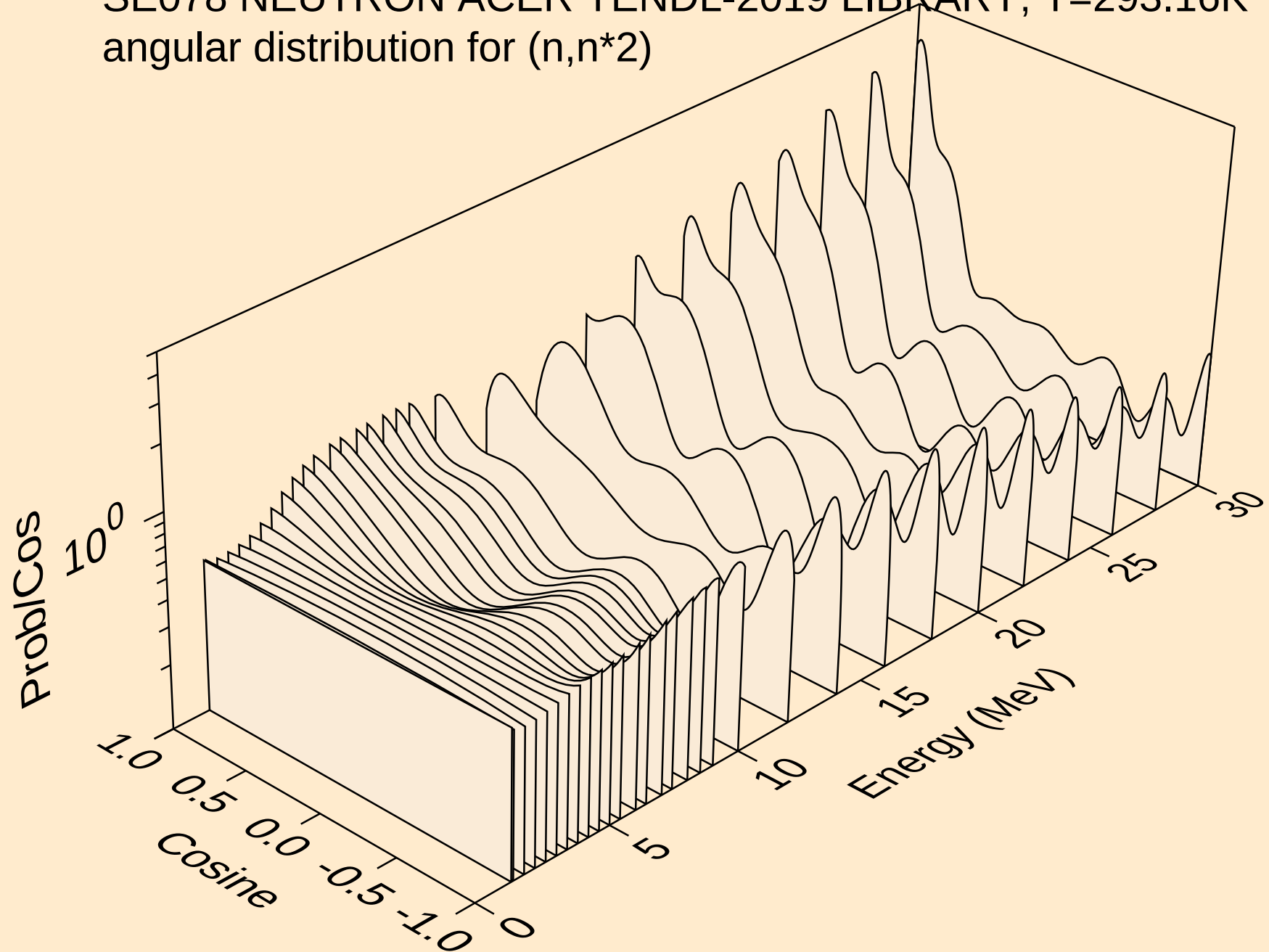
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



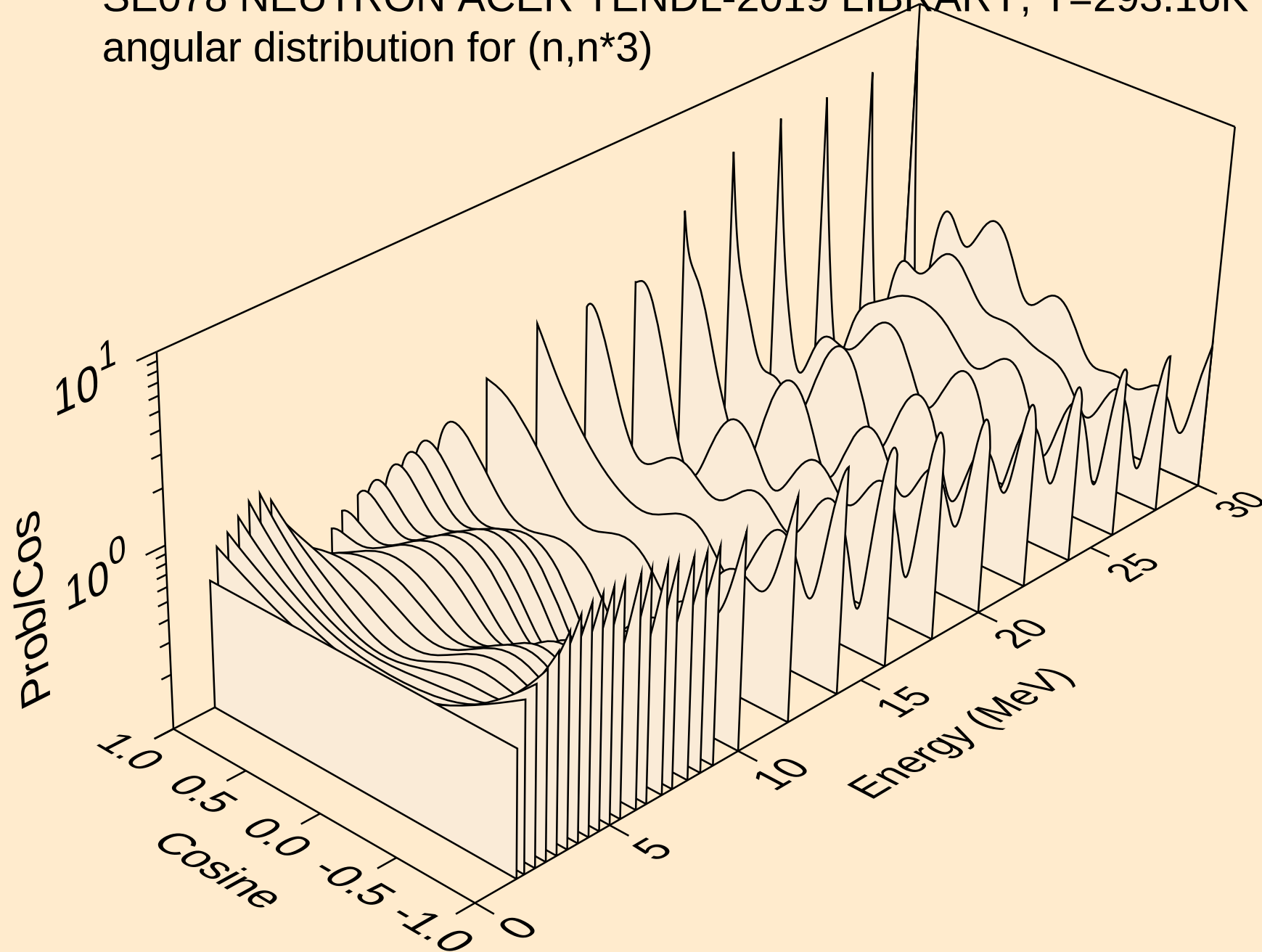
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



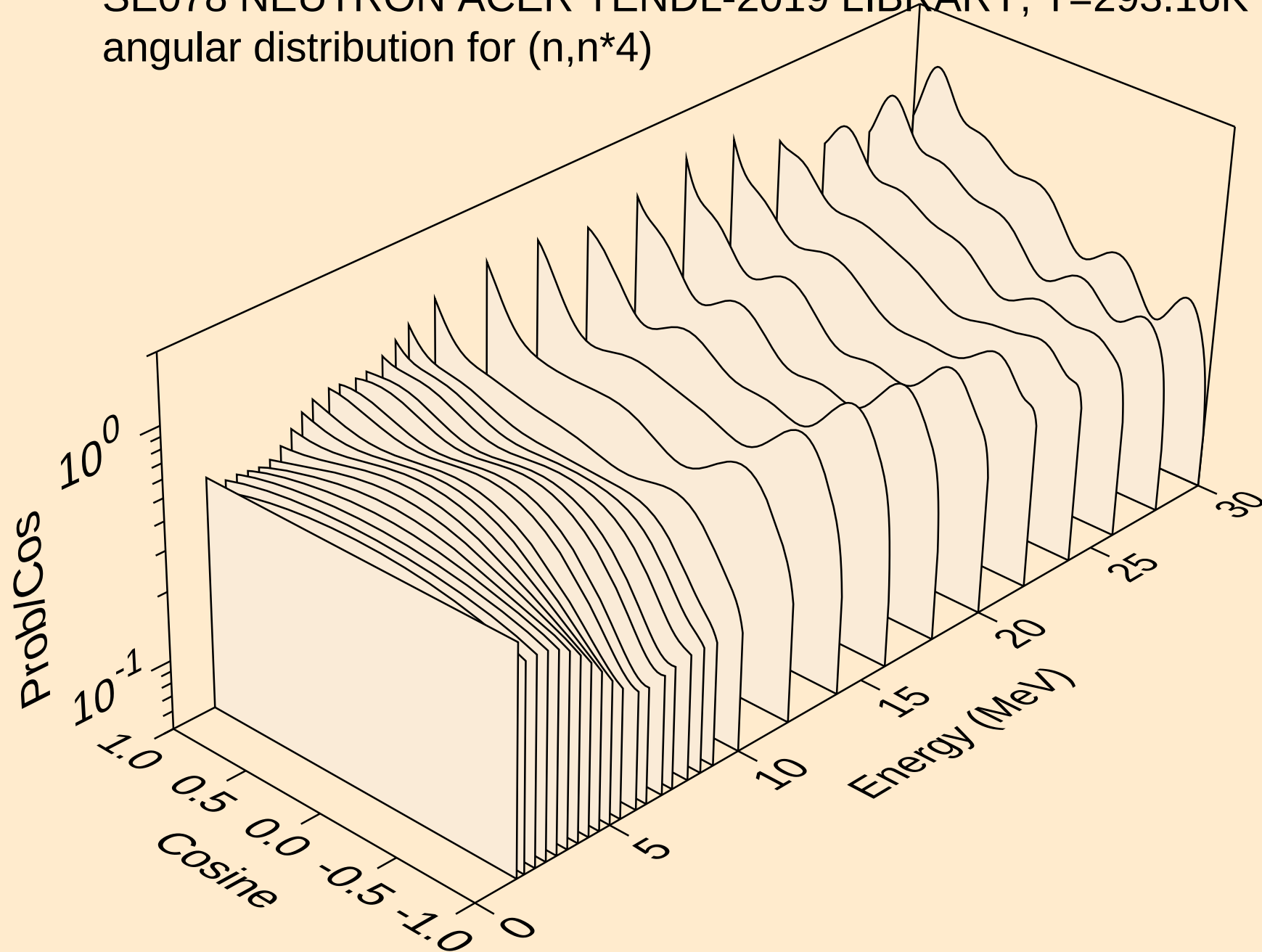
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



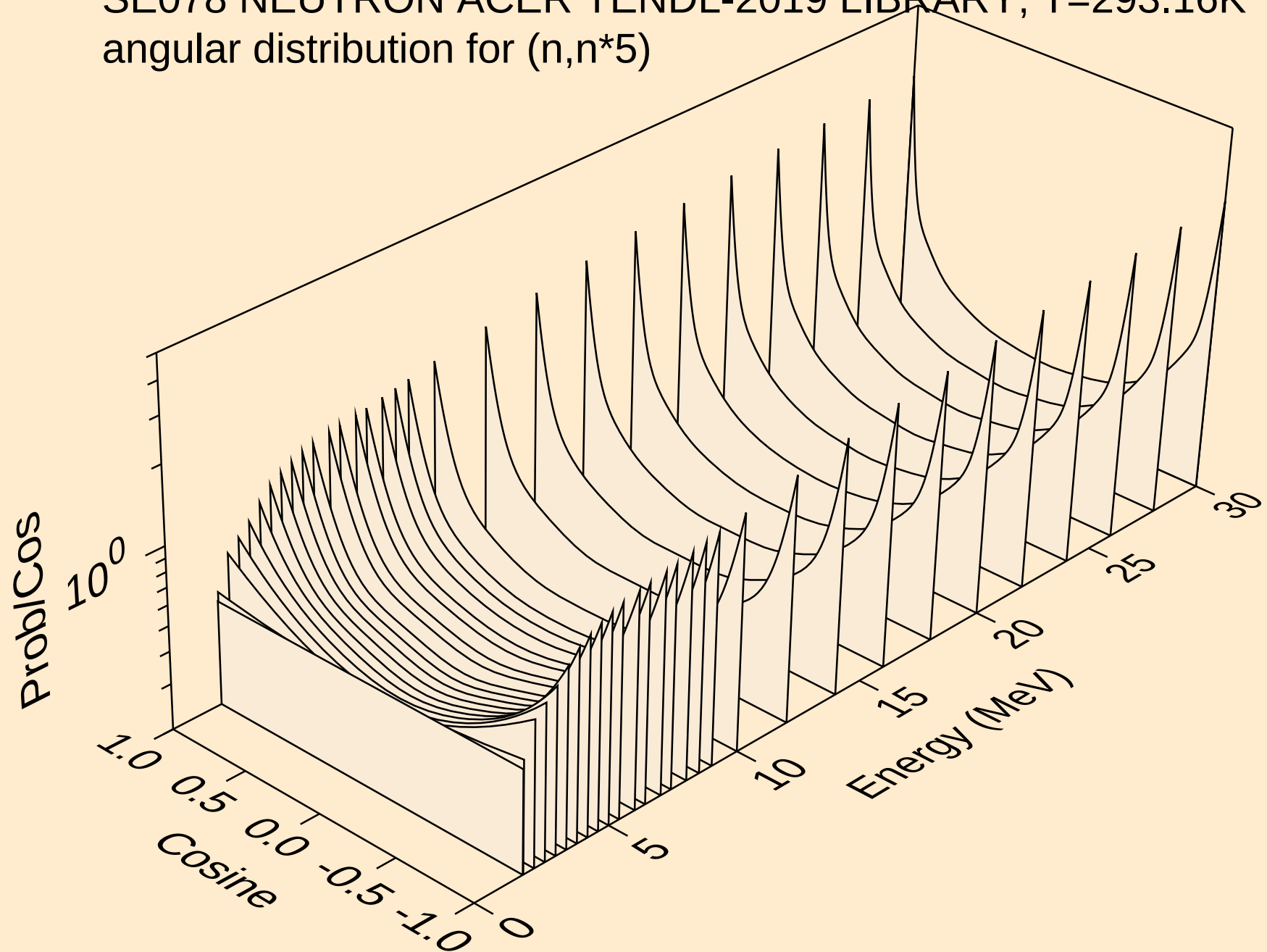
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



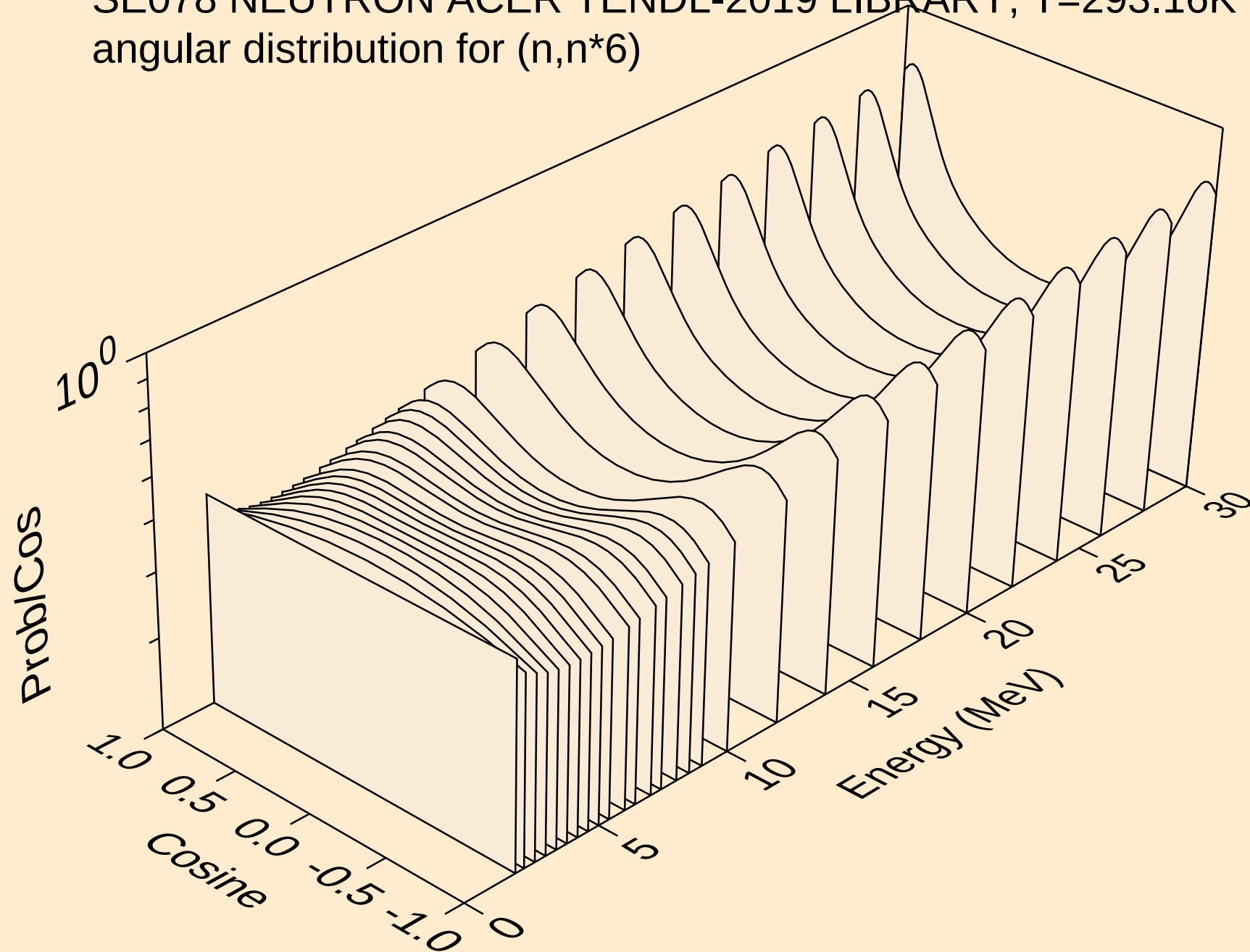
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



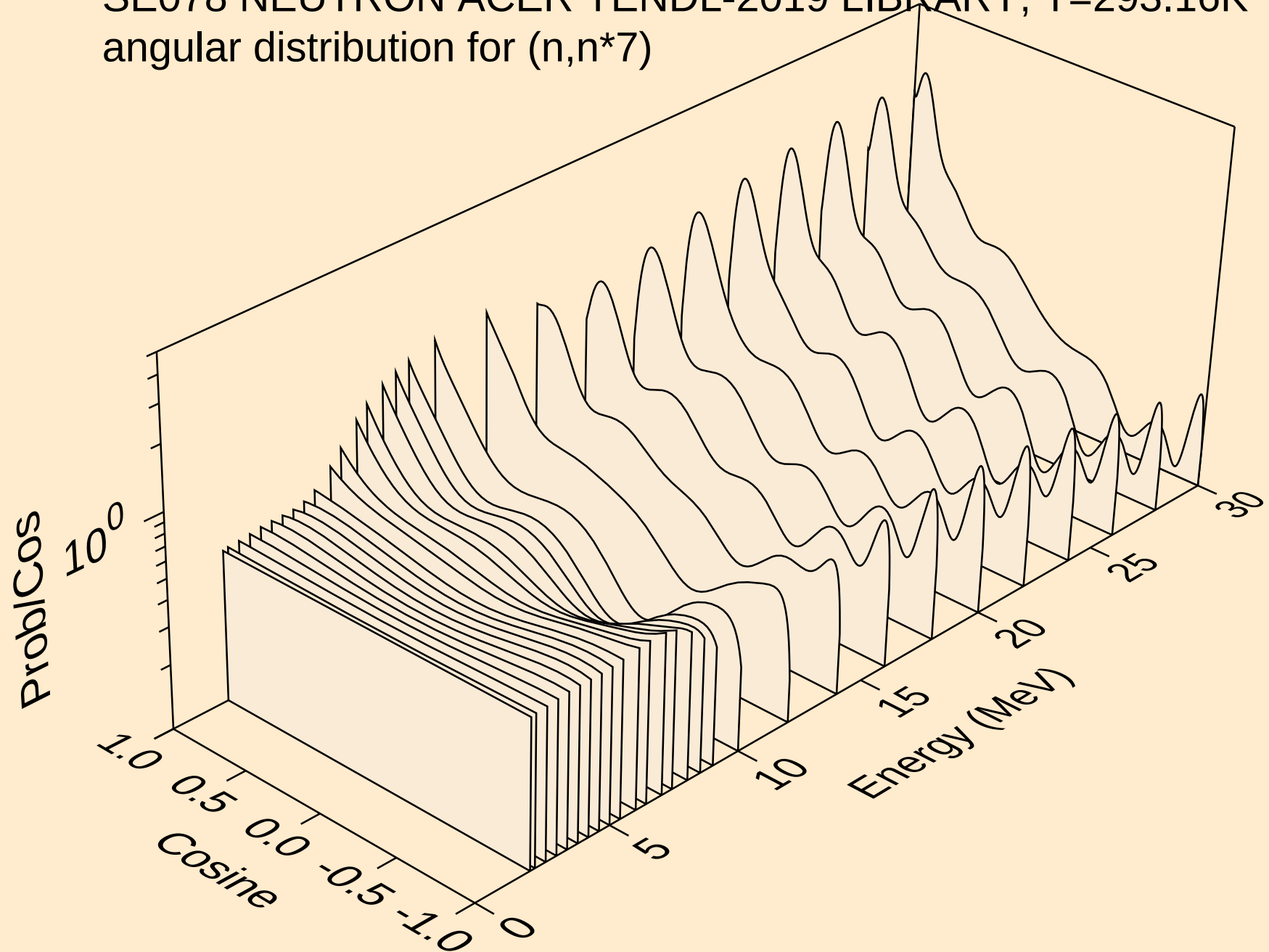
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



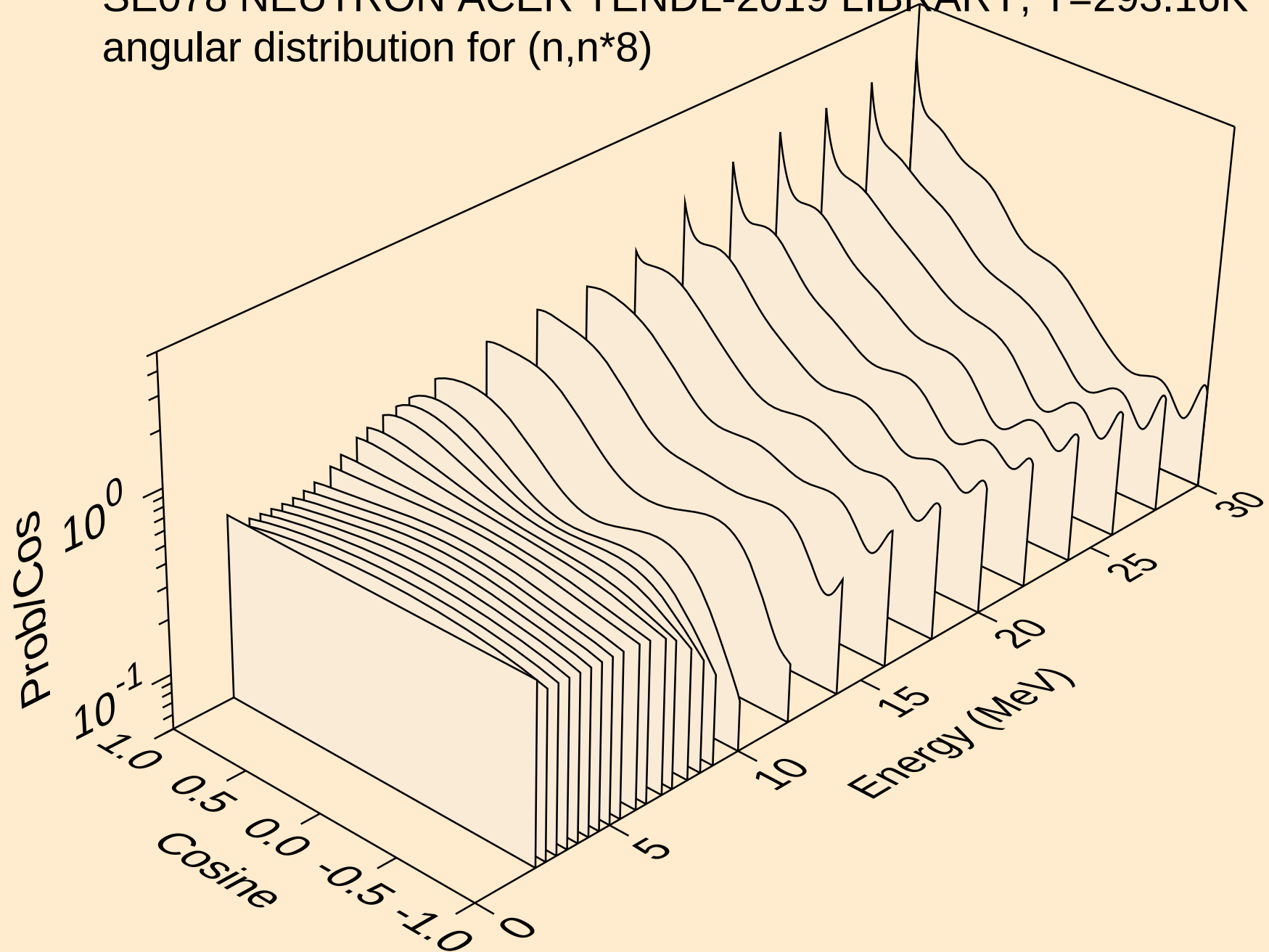
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angular distribution for (n,n*6)



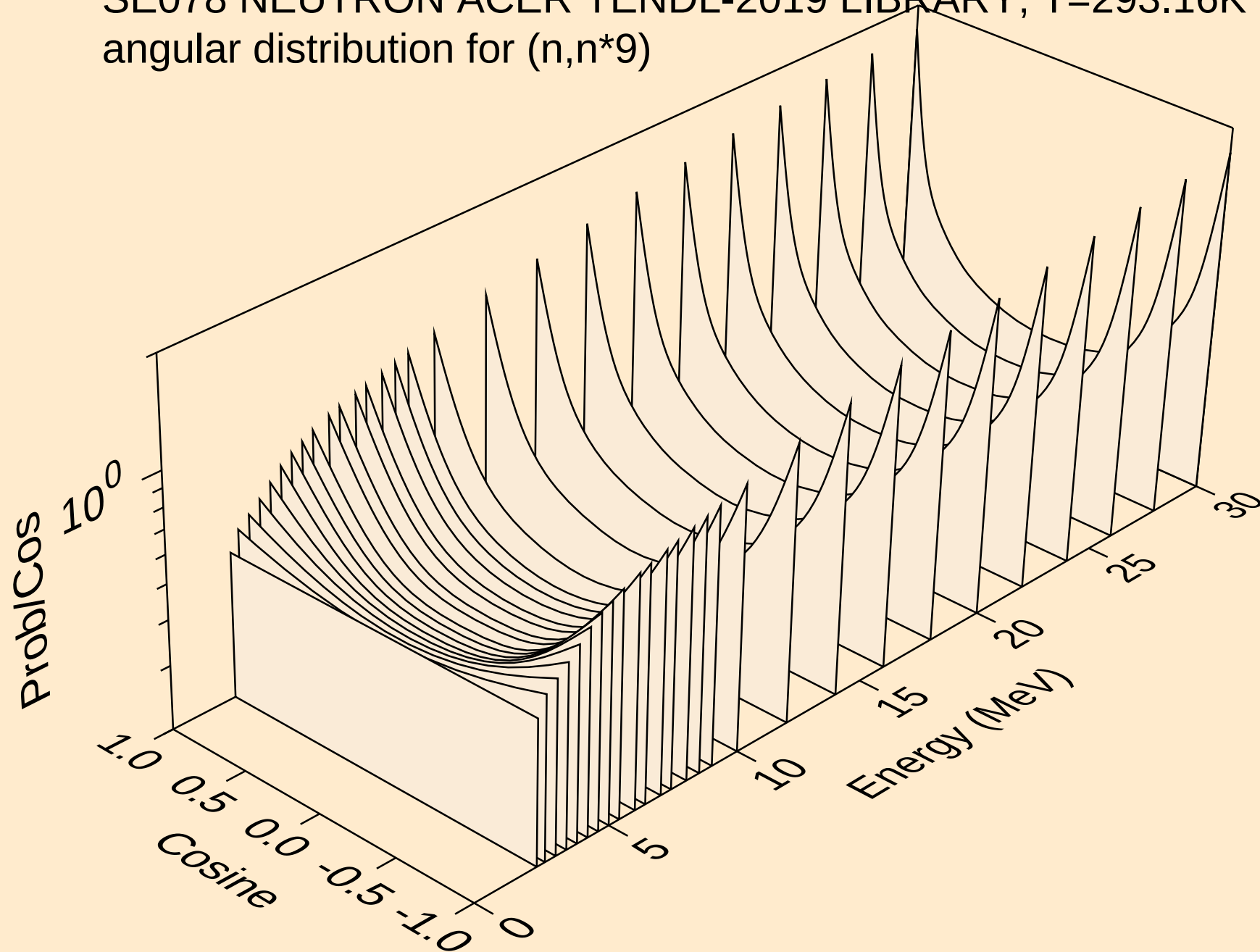
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angular distribution for (n,n*7)



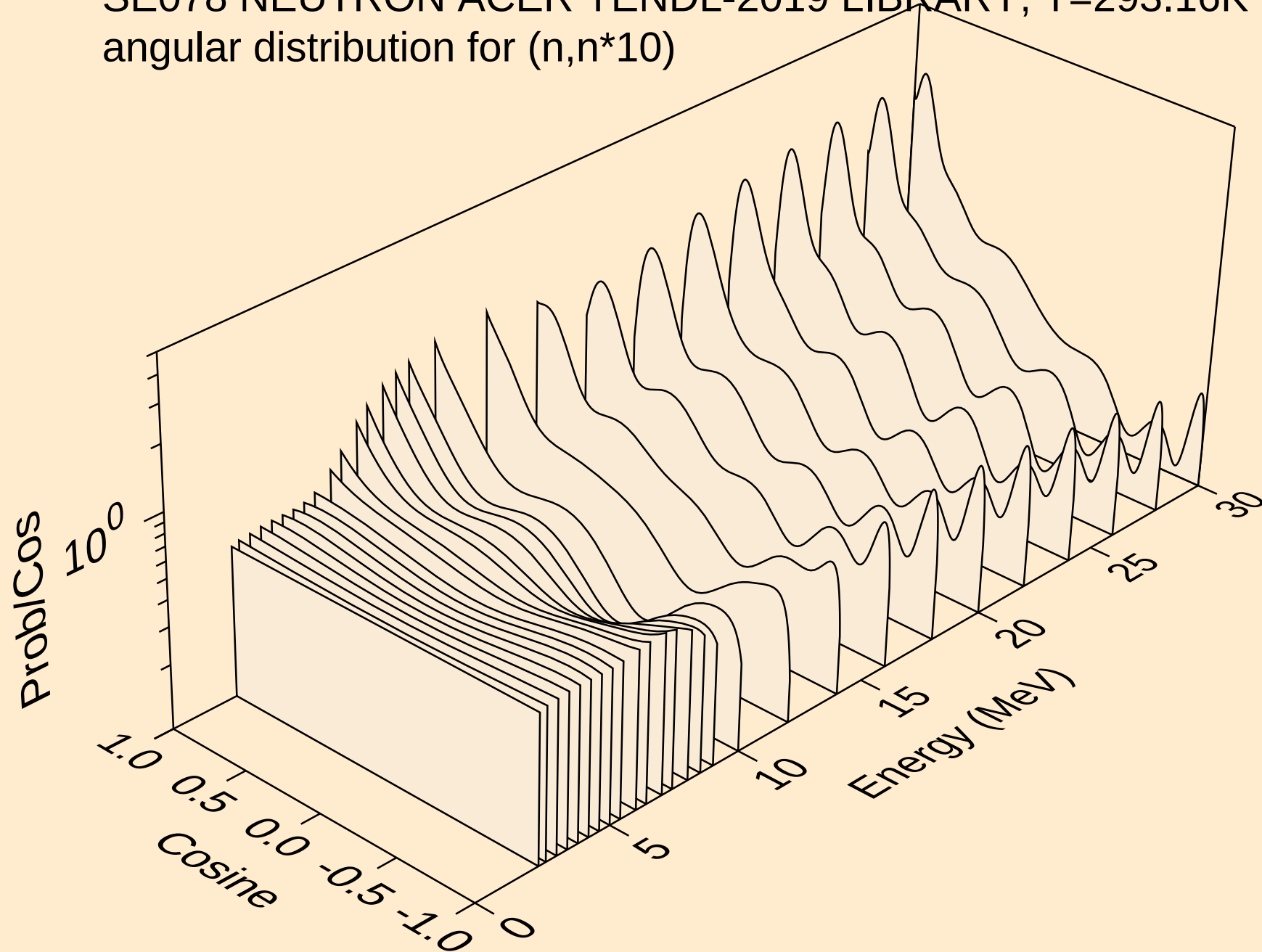
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angular distribution for (n,n*8)



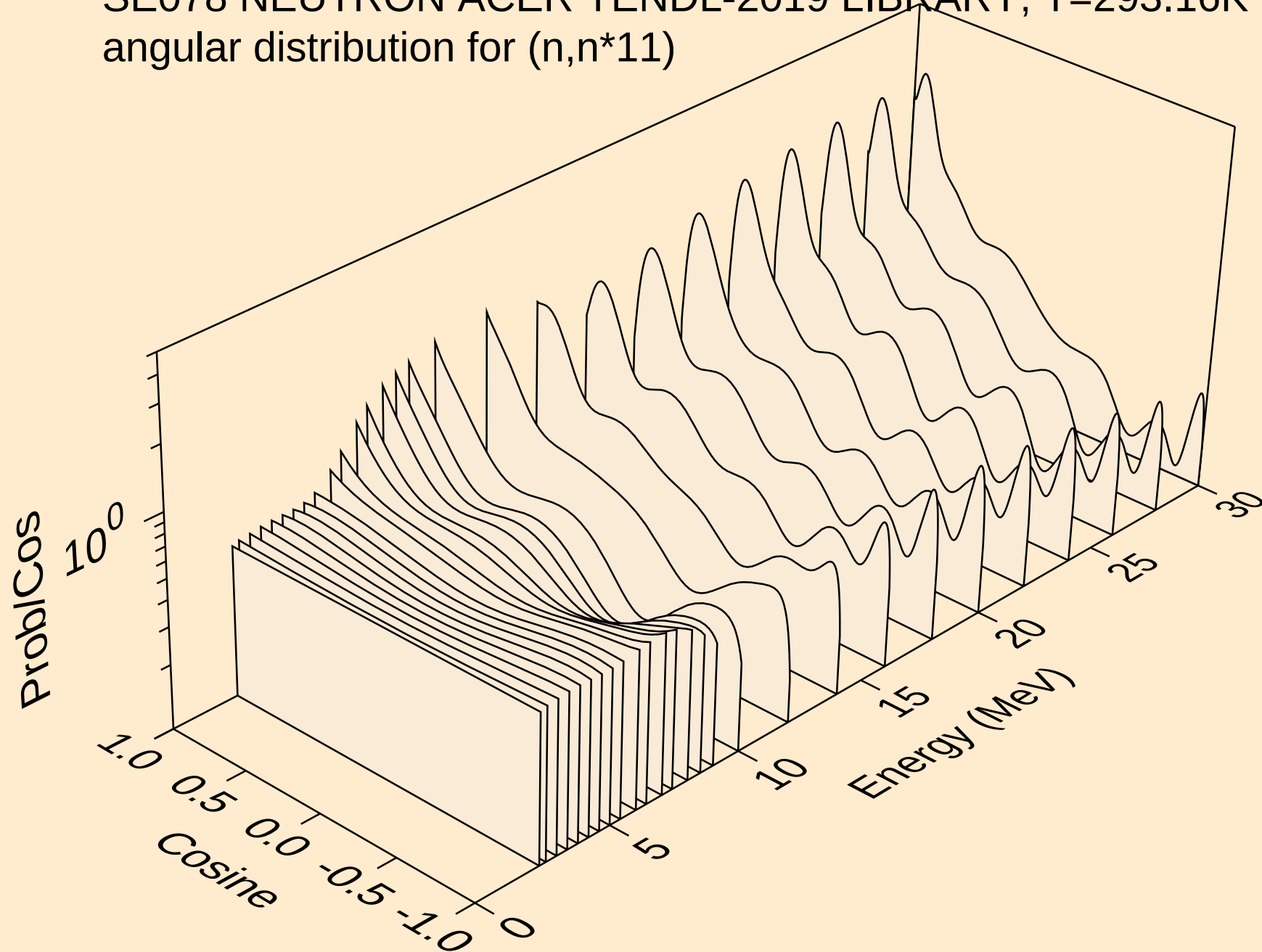
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



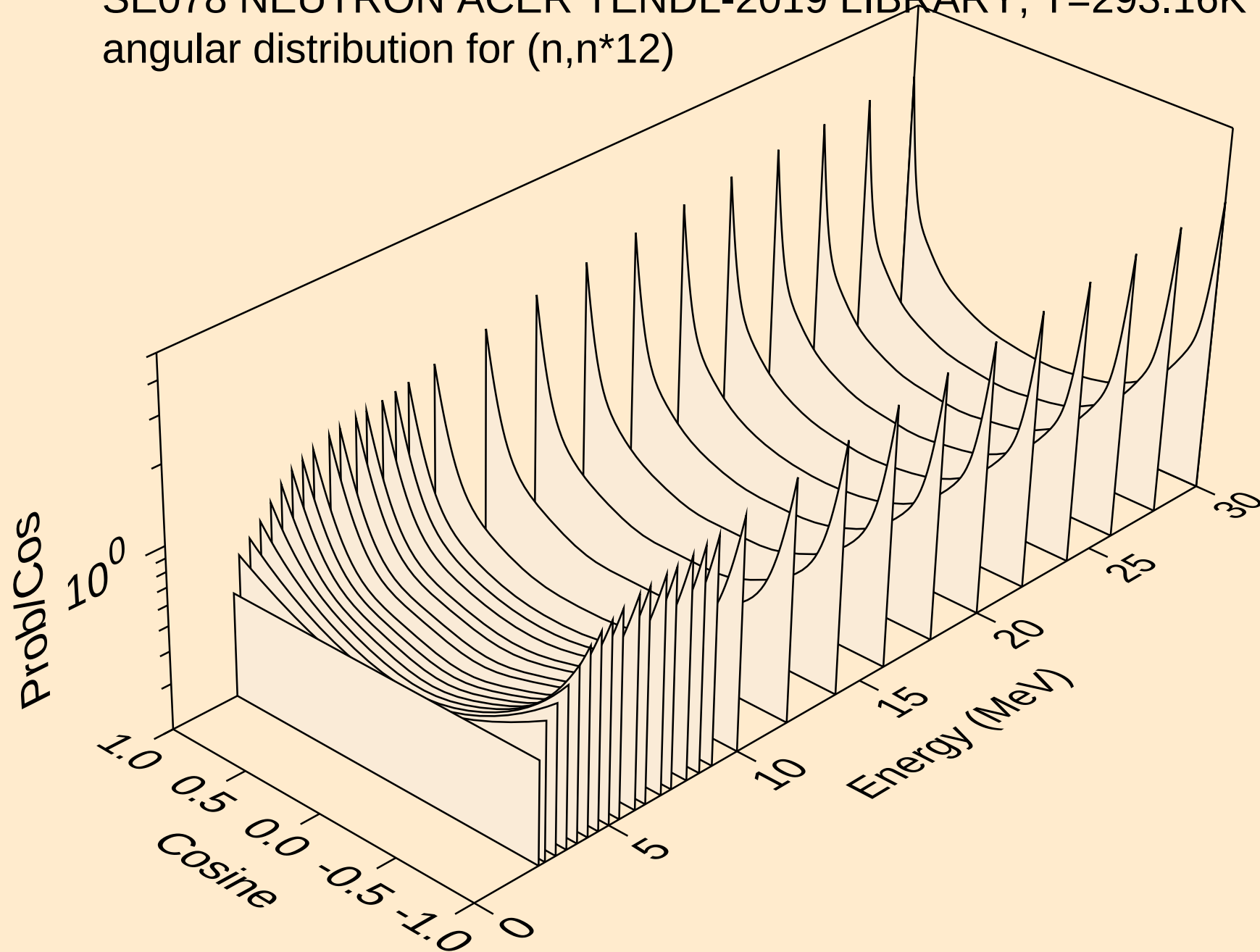
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angular distribution for (n,n*10)



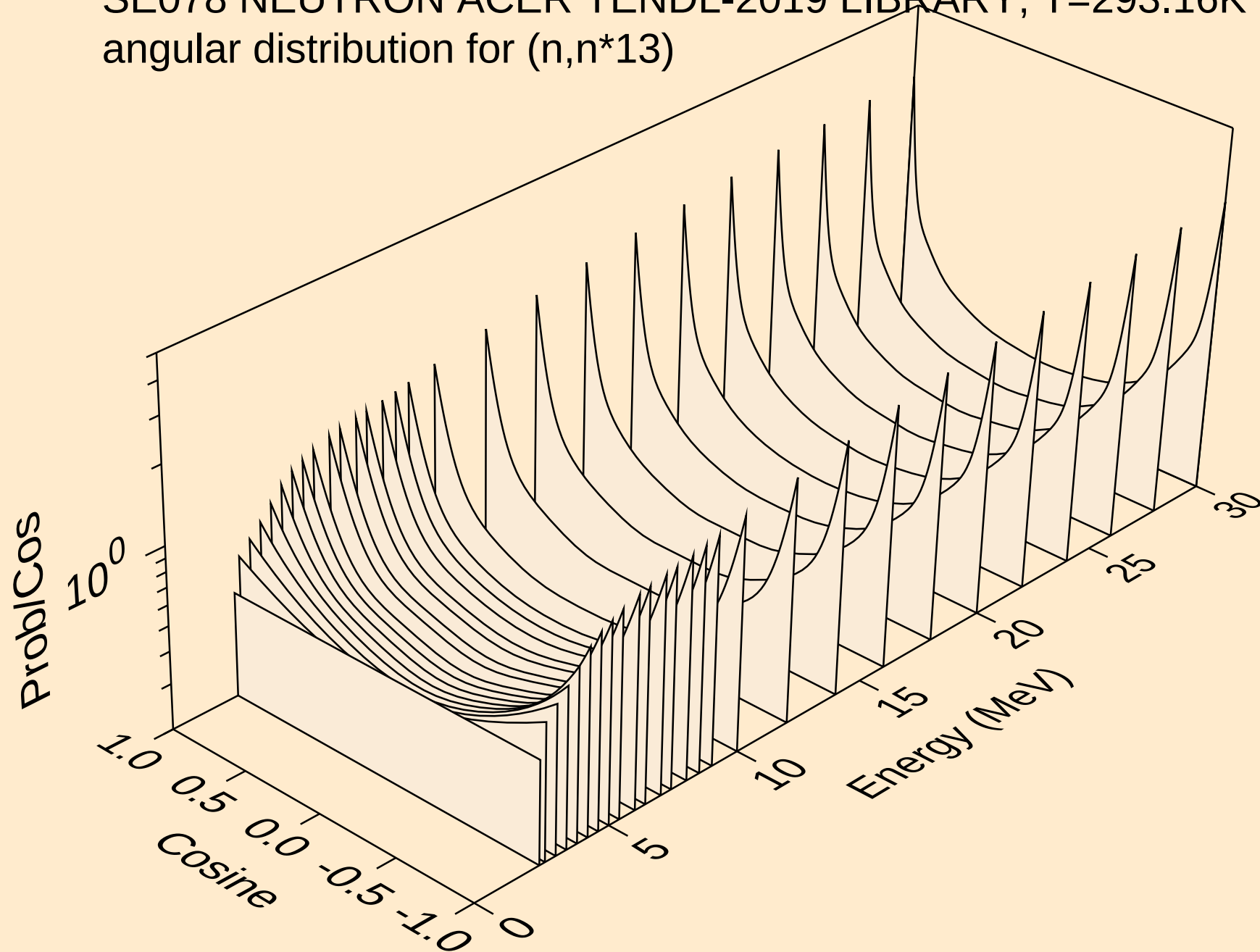
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



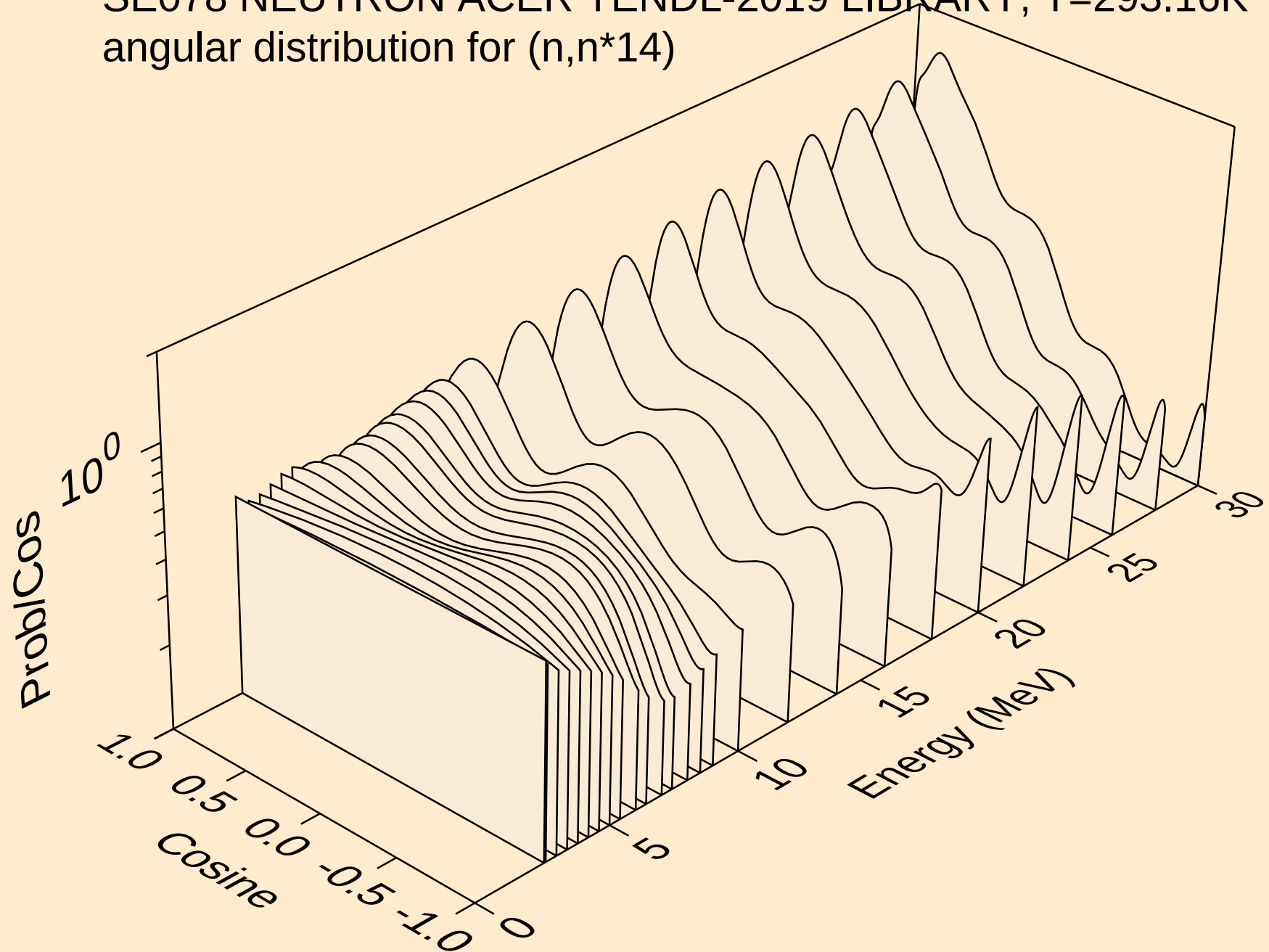
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angular distribution for (n,n*12)



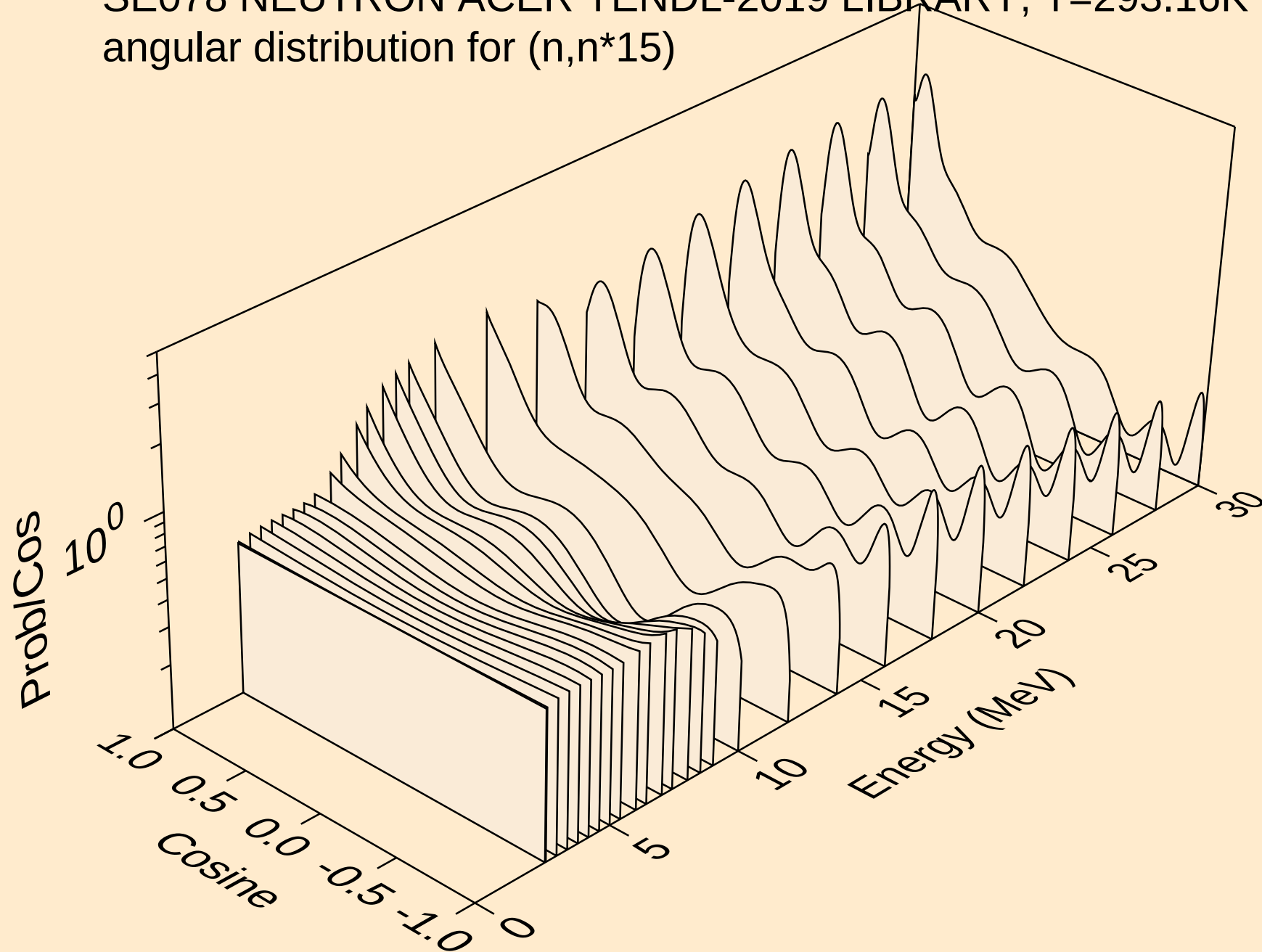
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



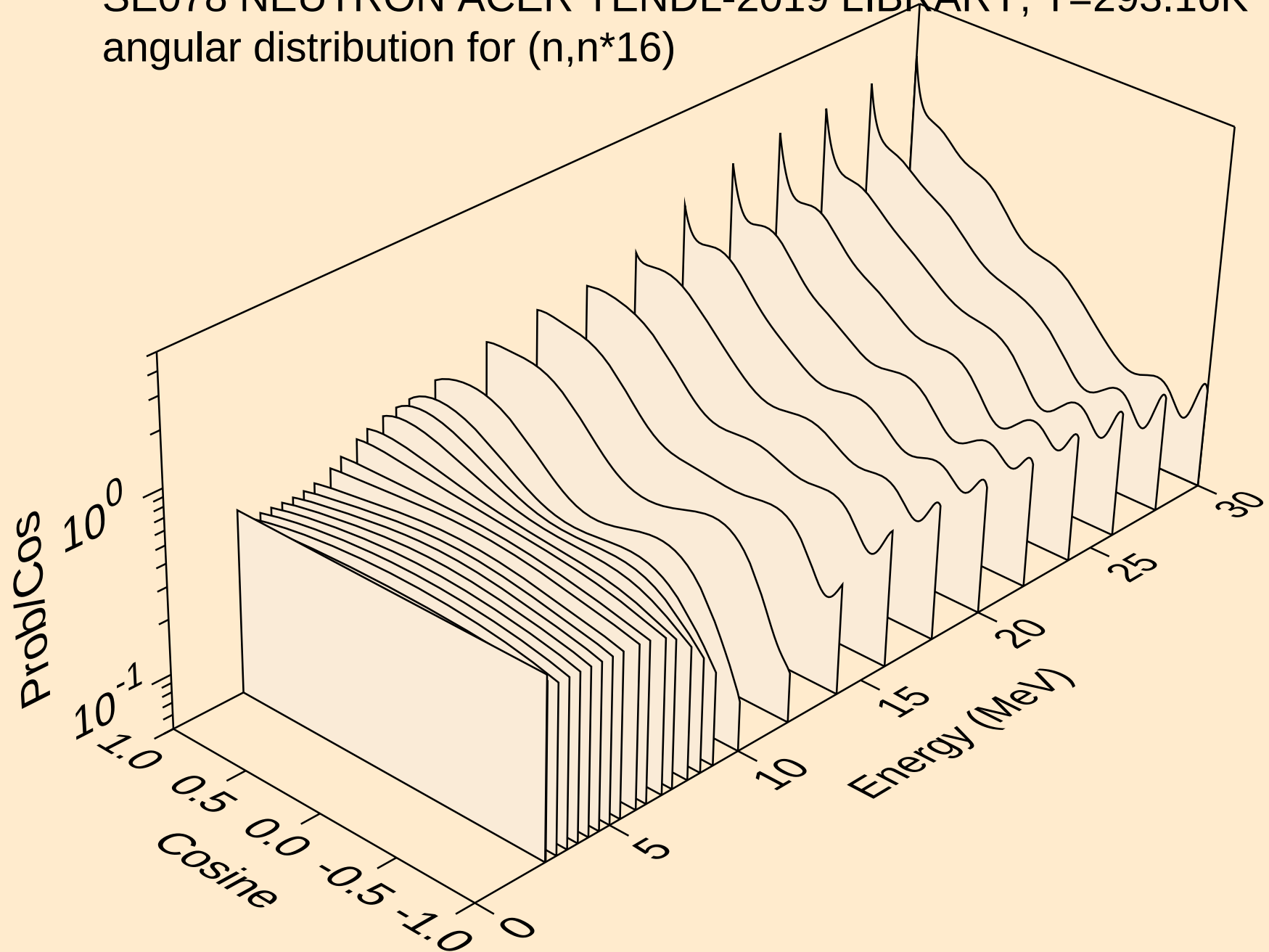
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



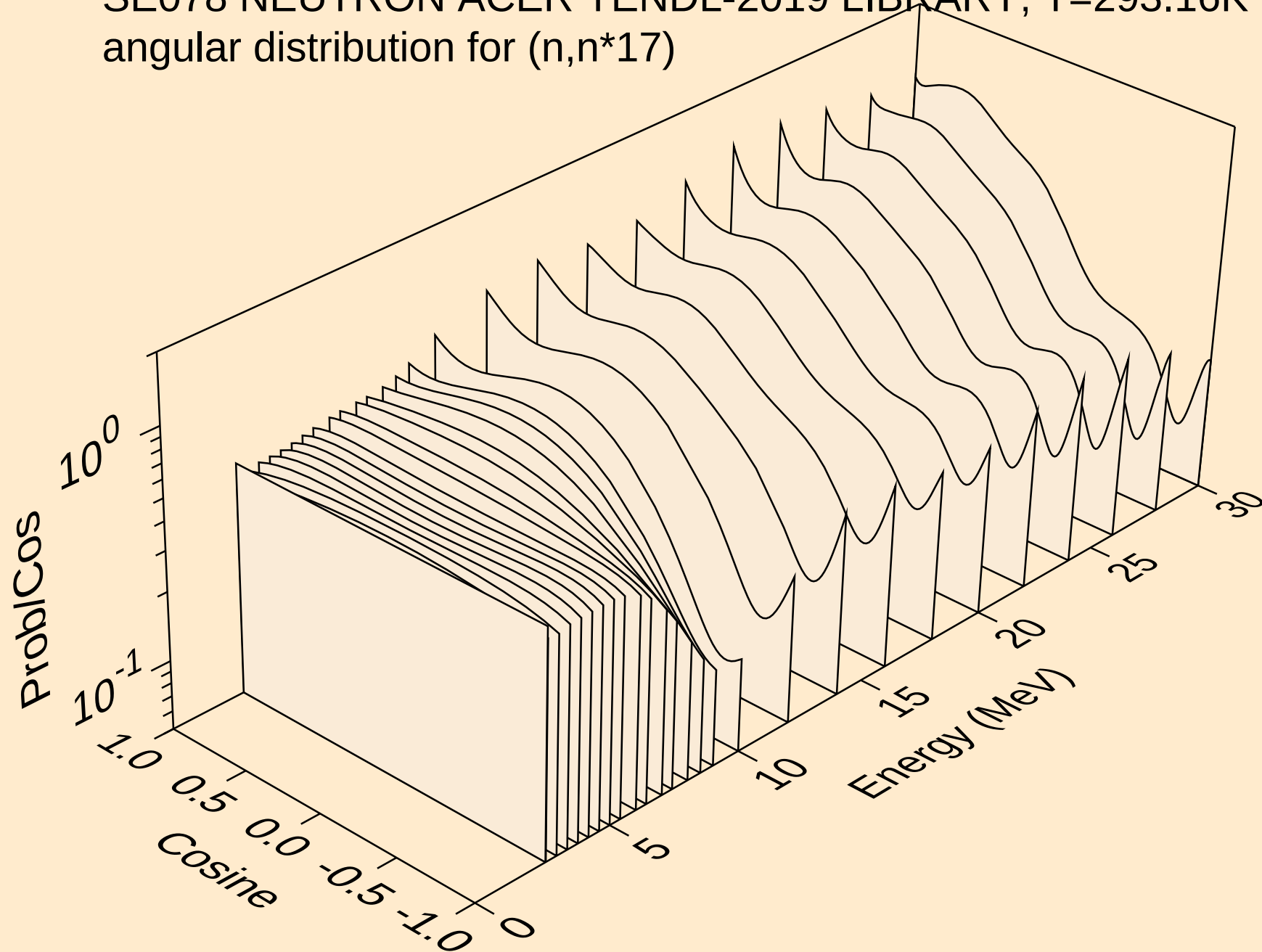
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angular distribution for (n,n*15)



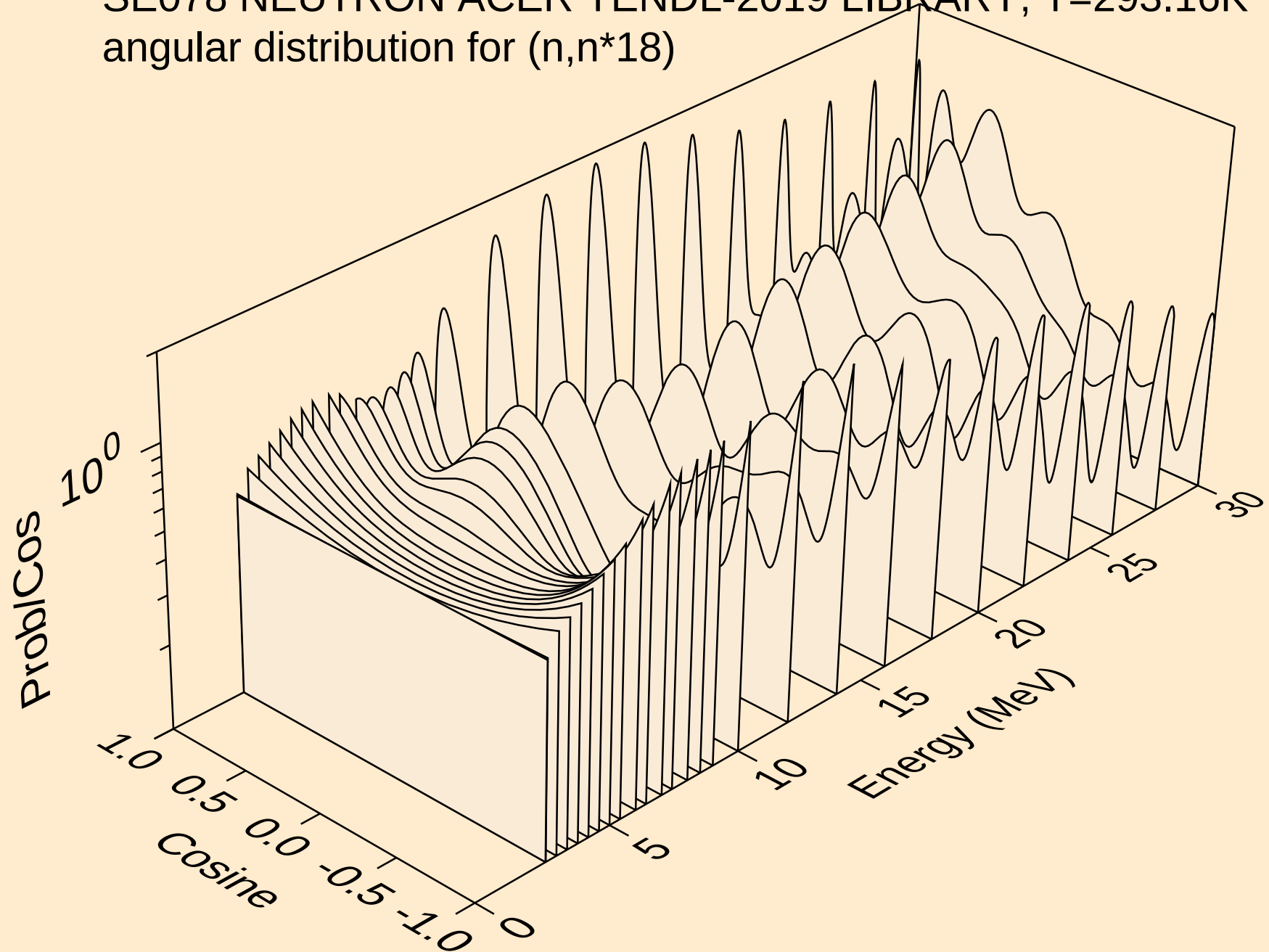
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



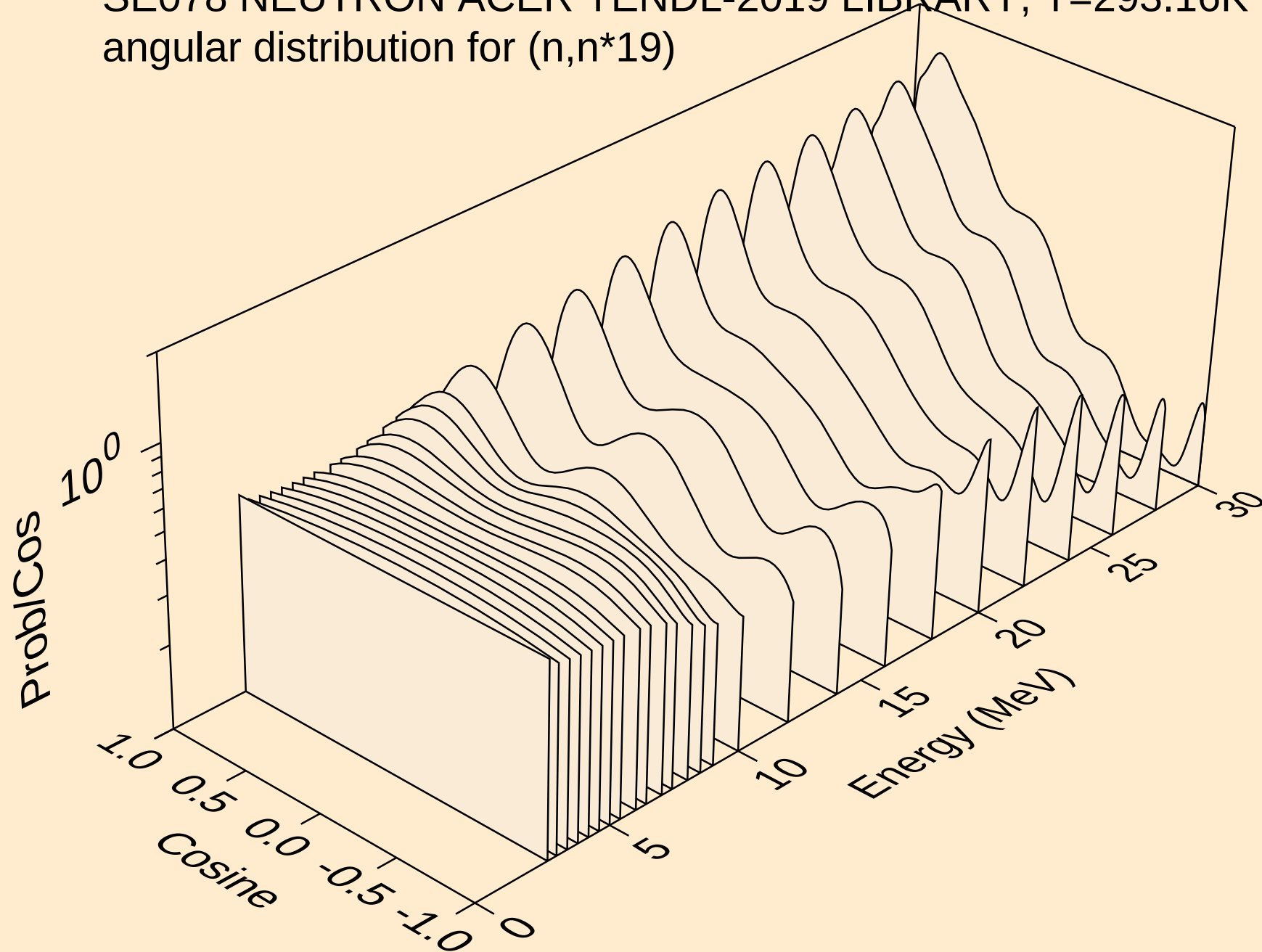
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



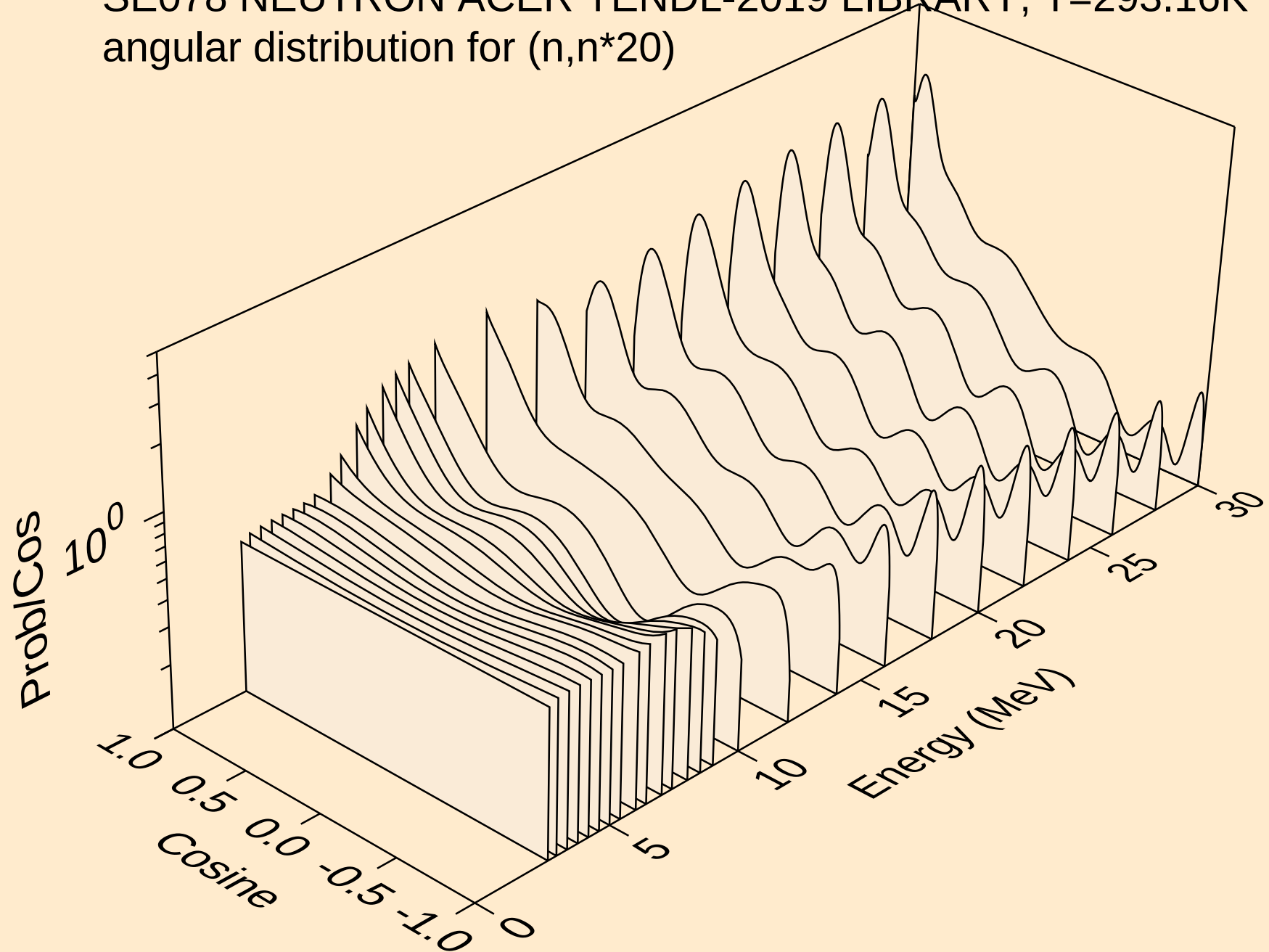
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



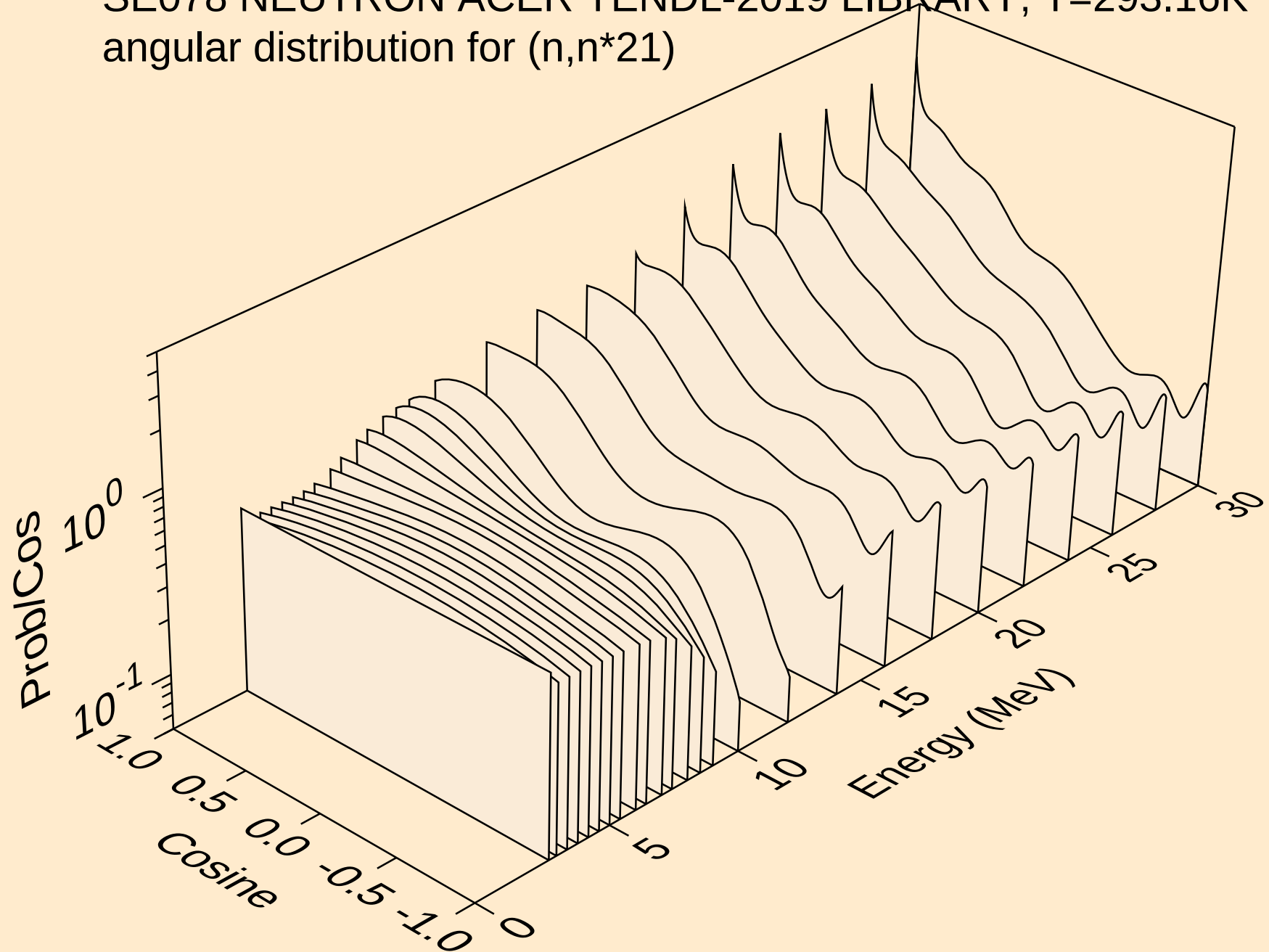
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



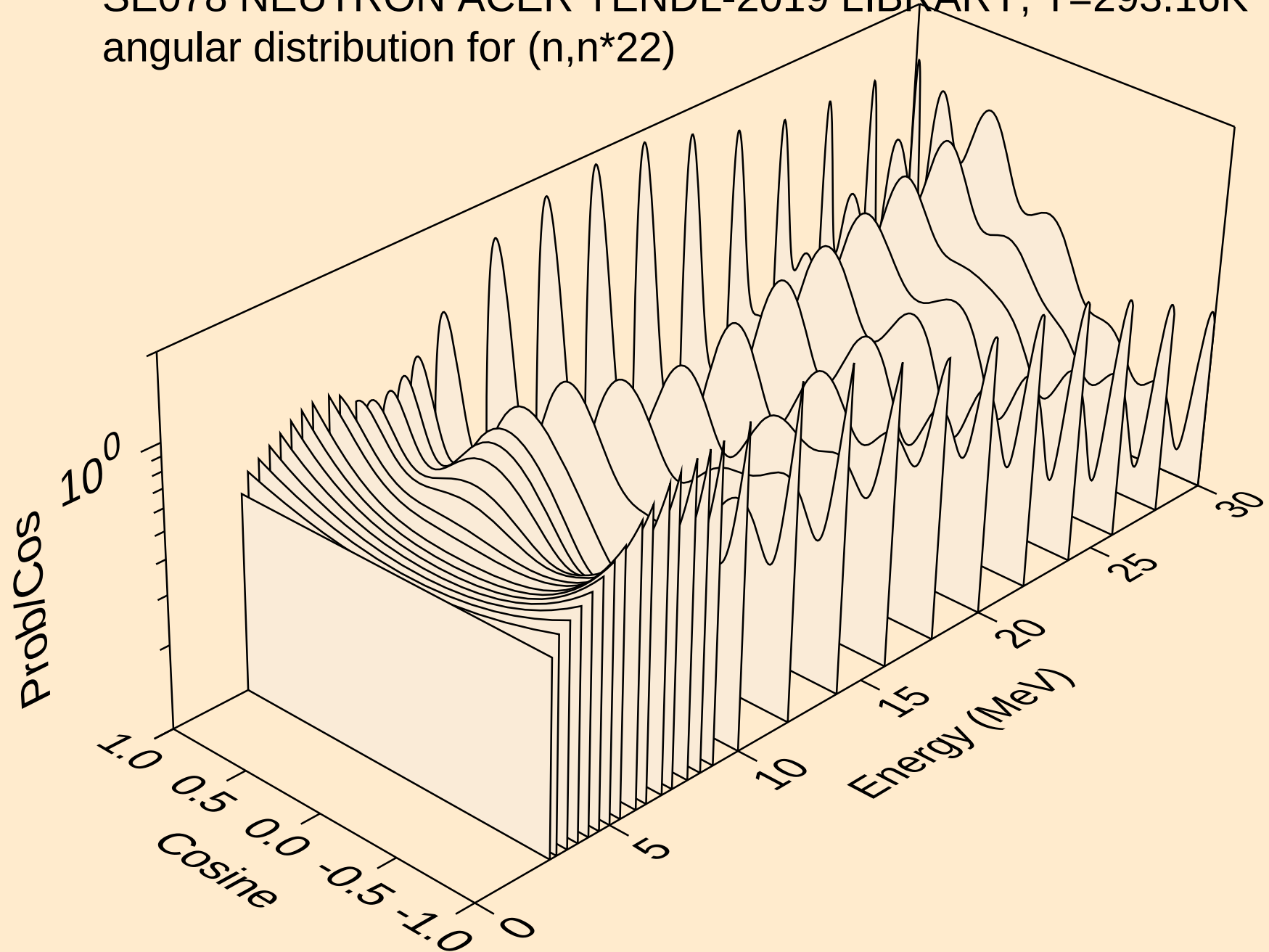
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



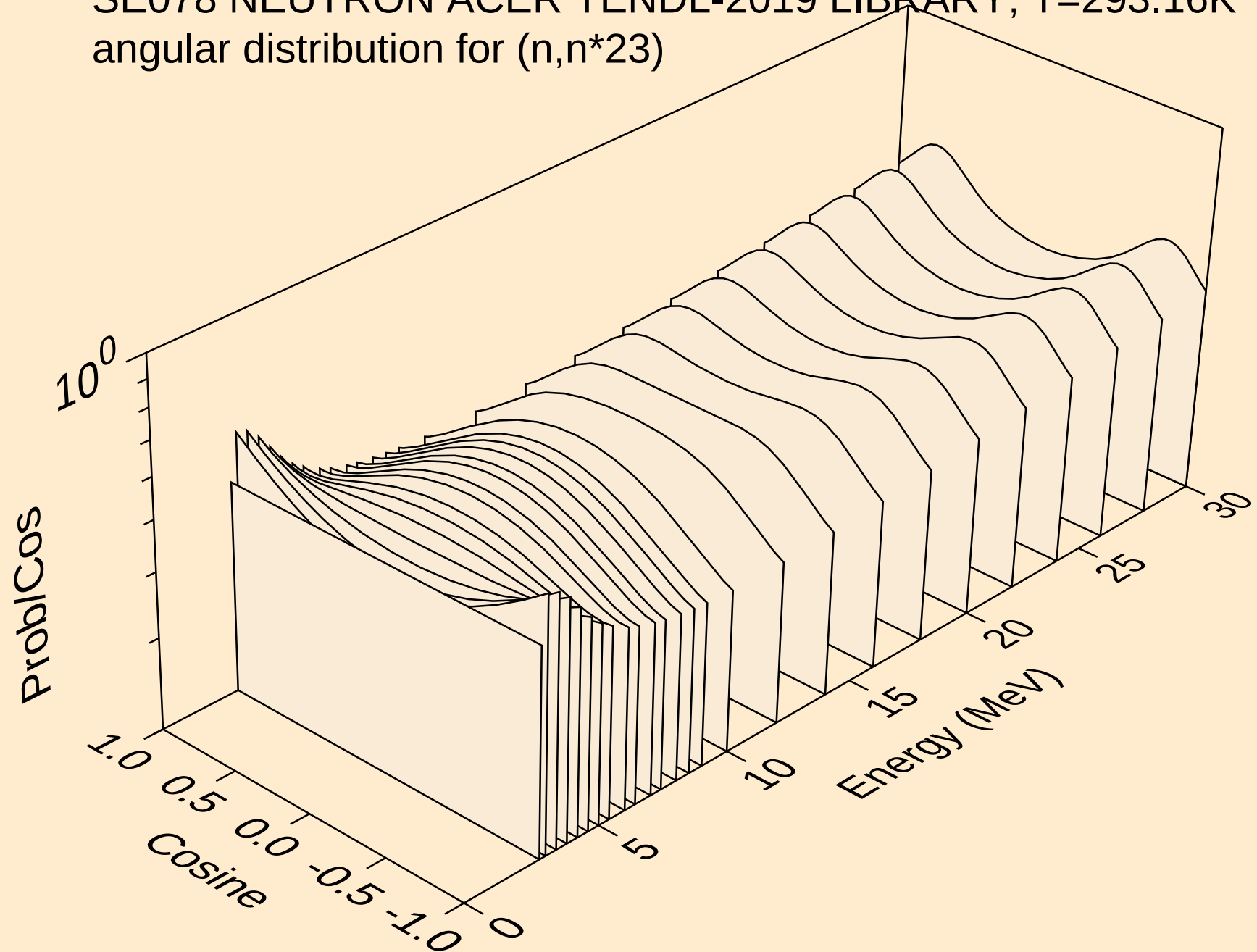
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angular distribution for (n,n*21)



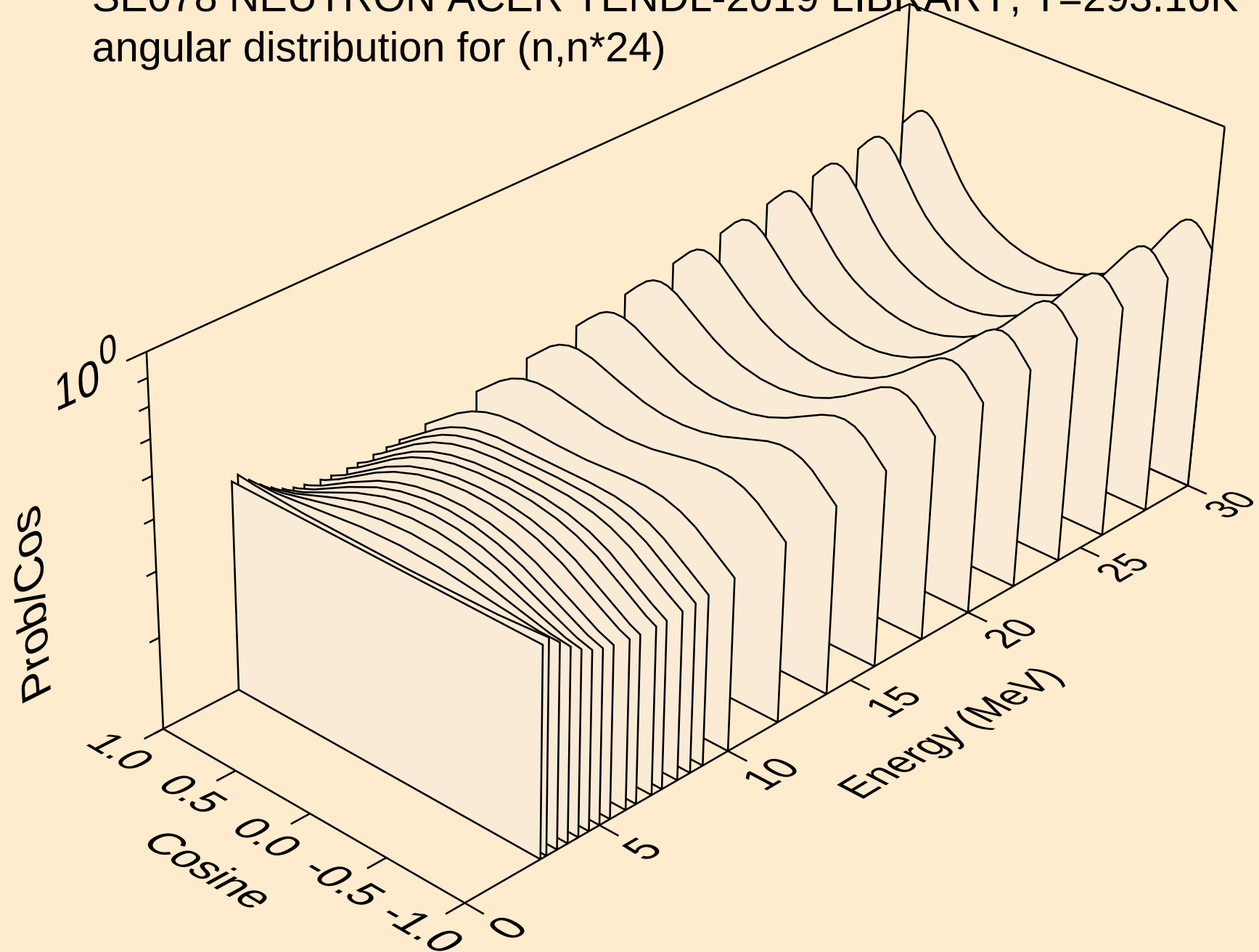
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angular distribution for (n,n*22)



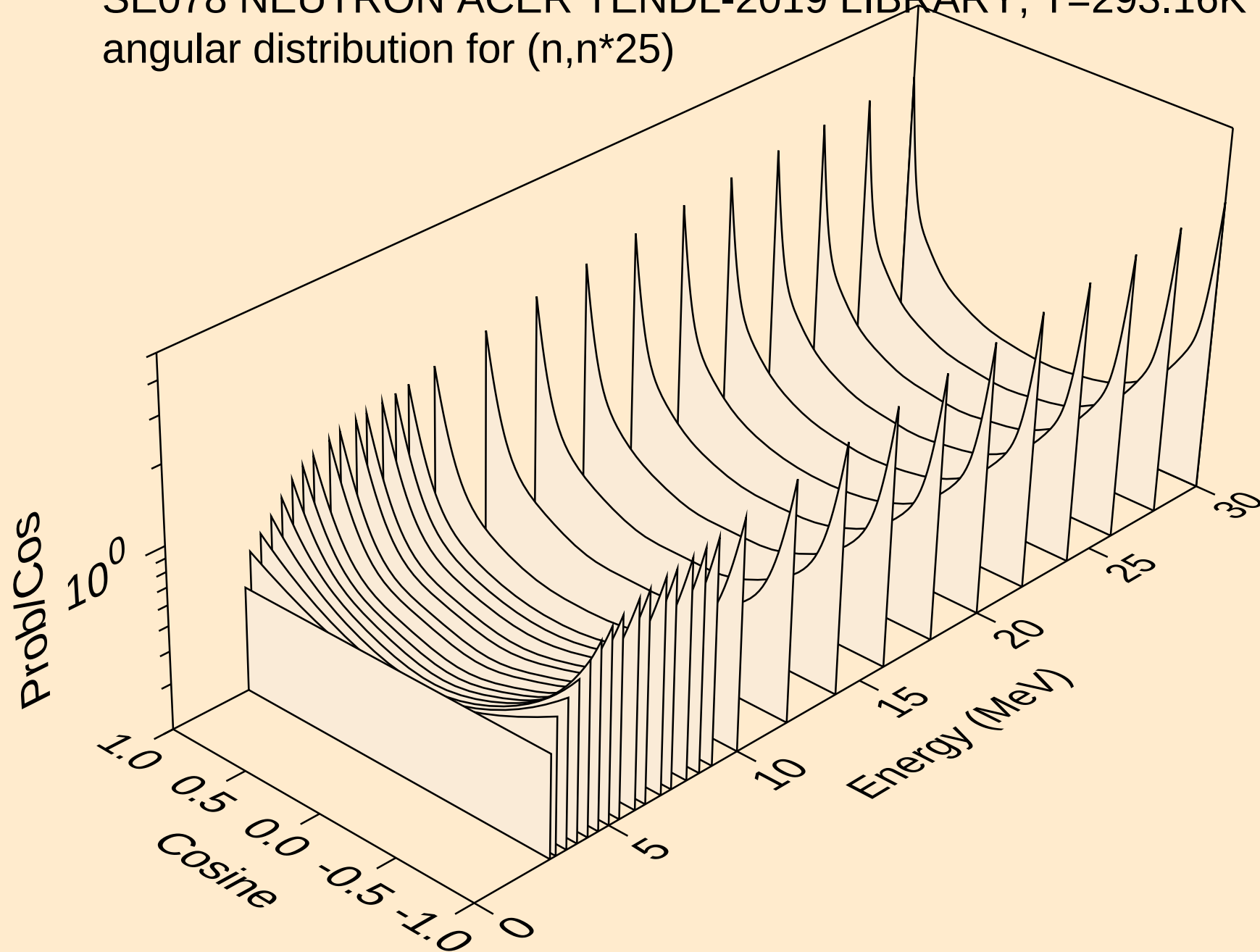
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



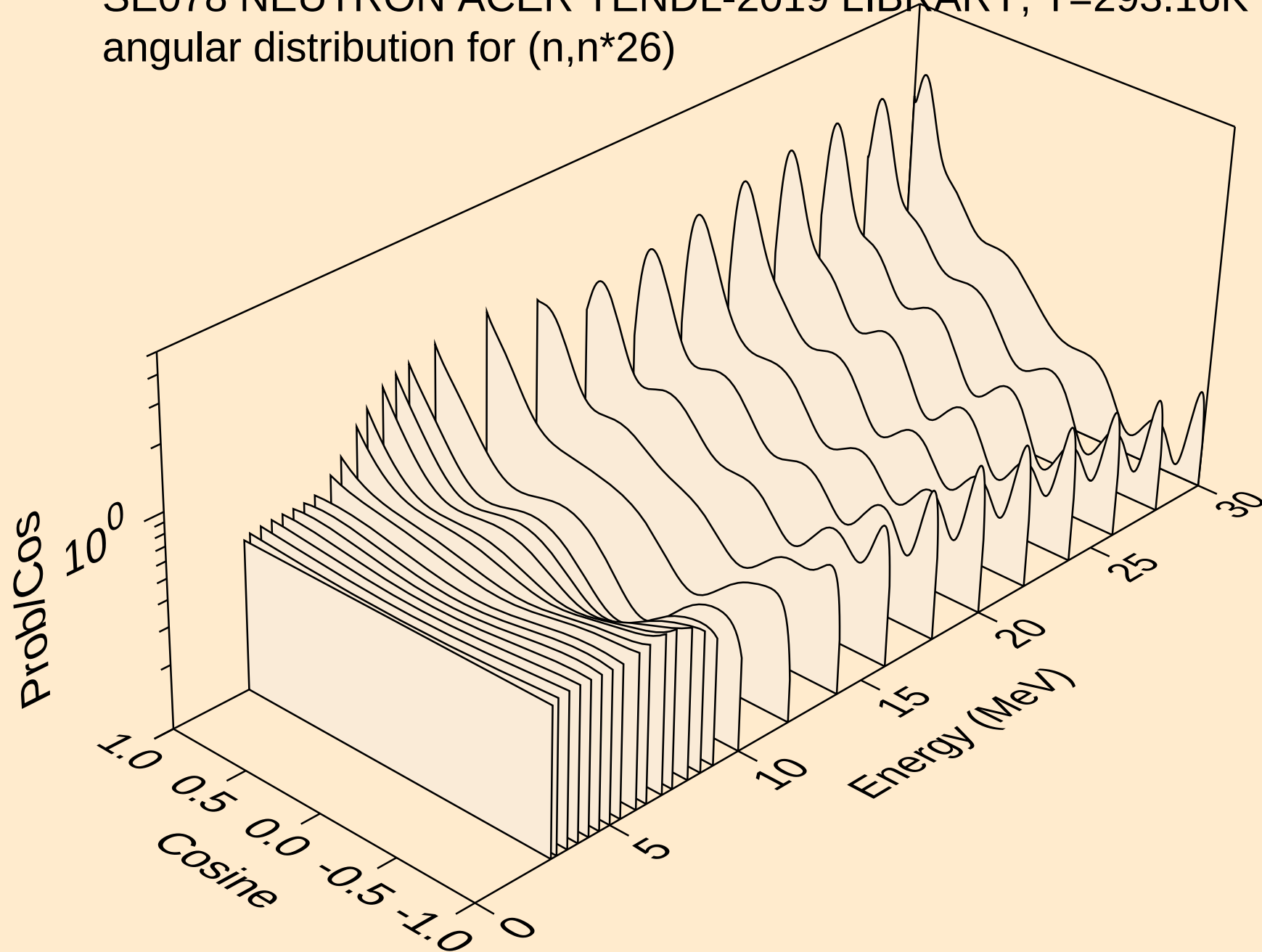
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



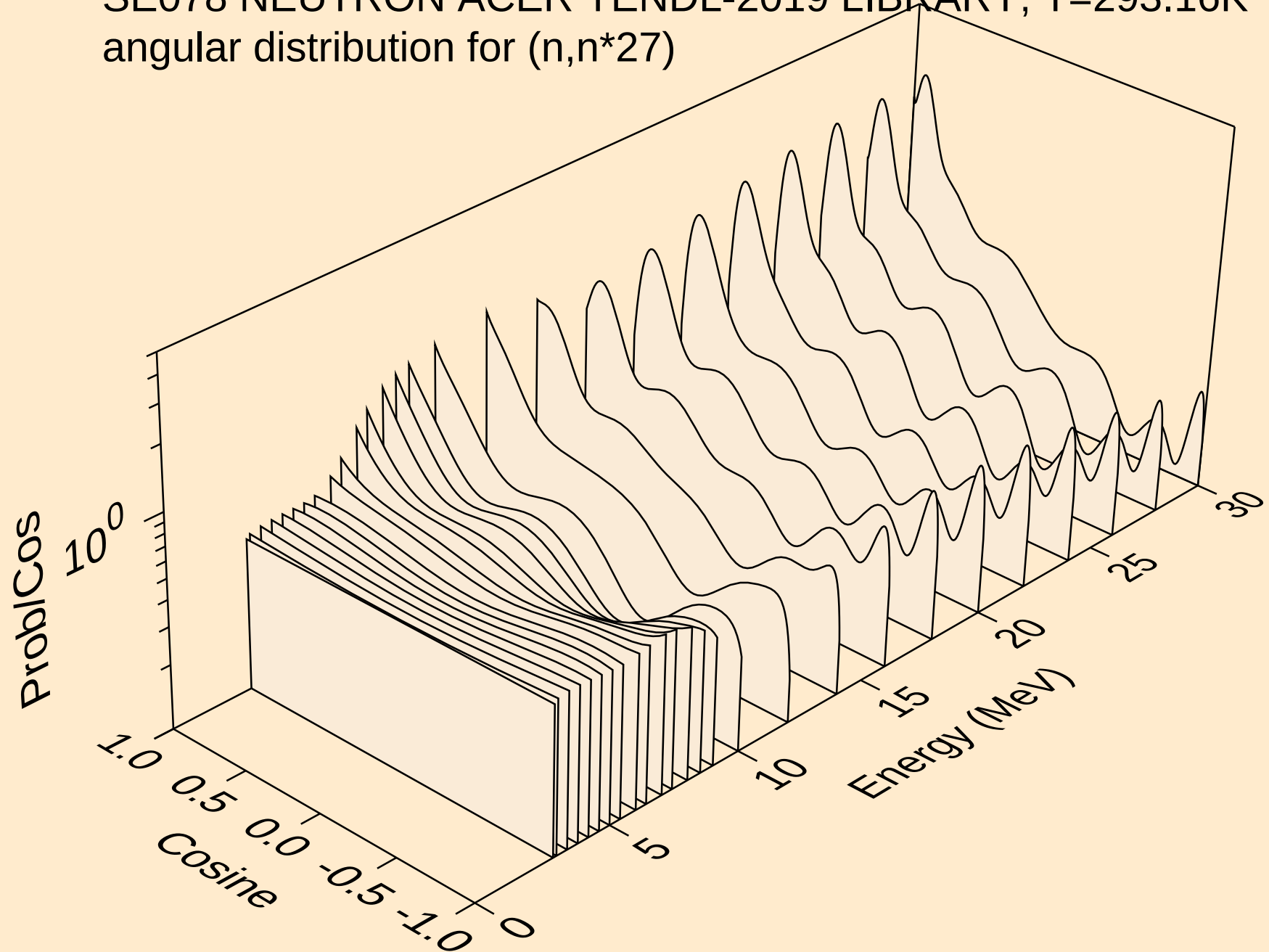
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



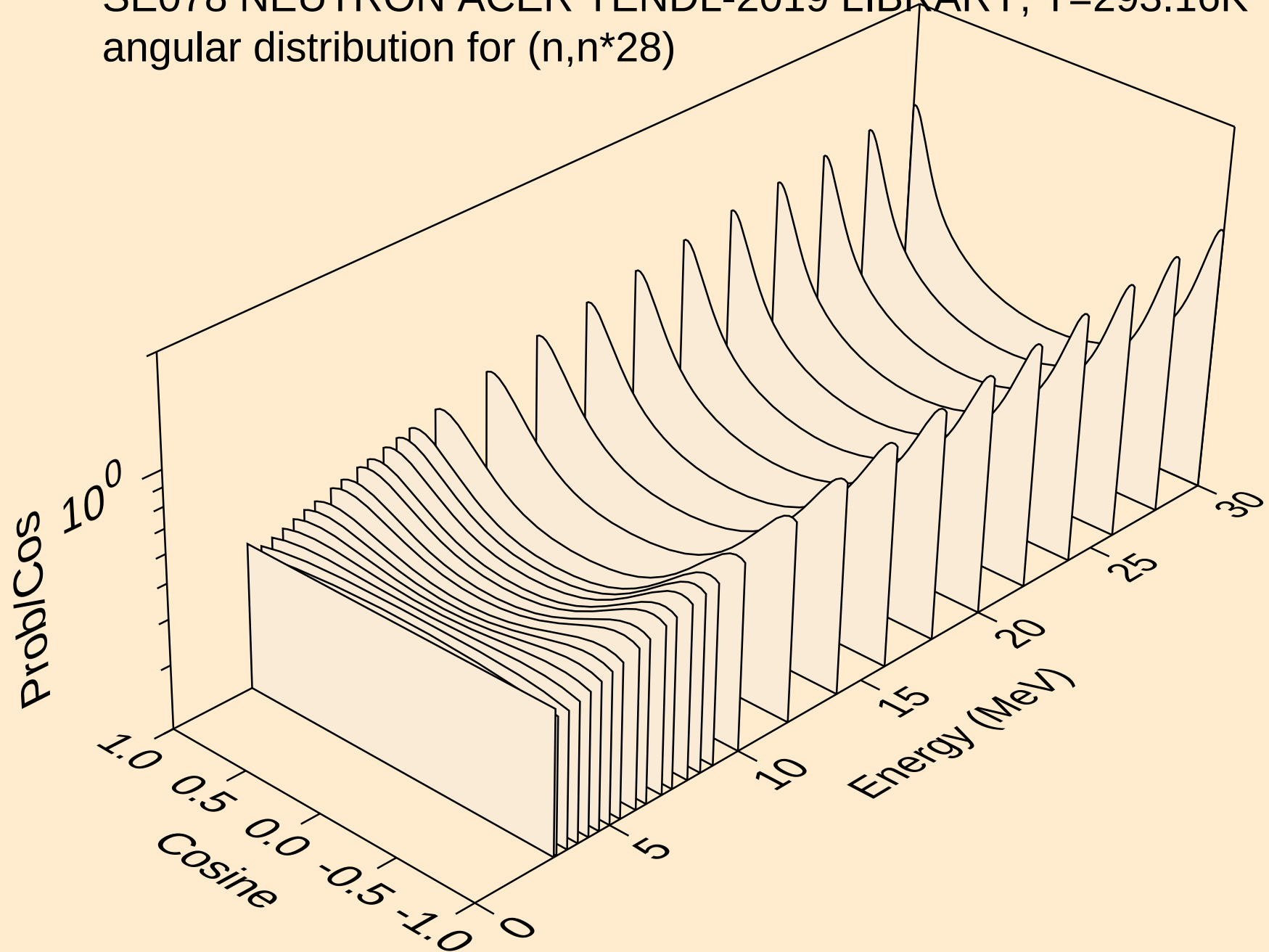
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



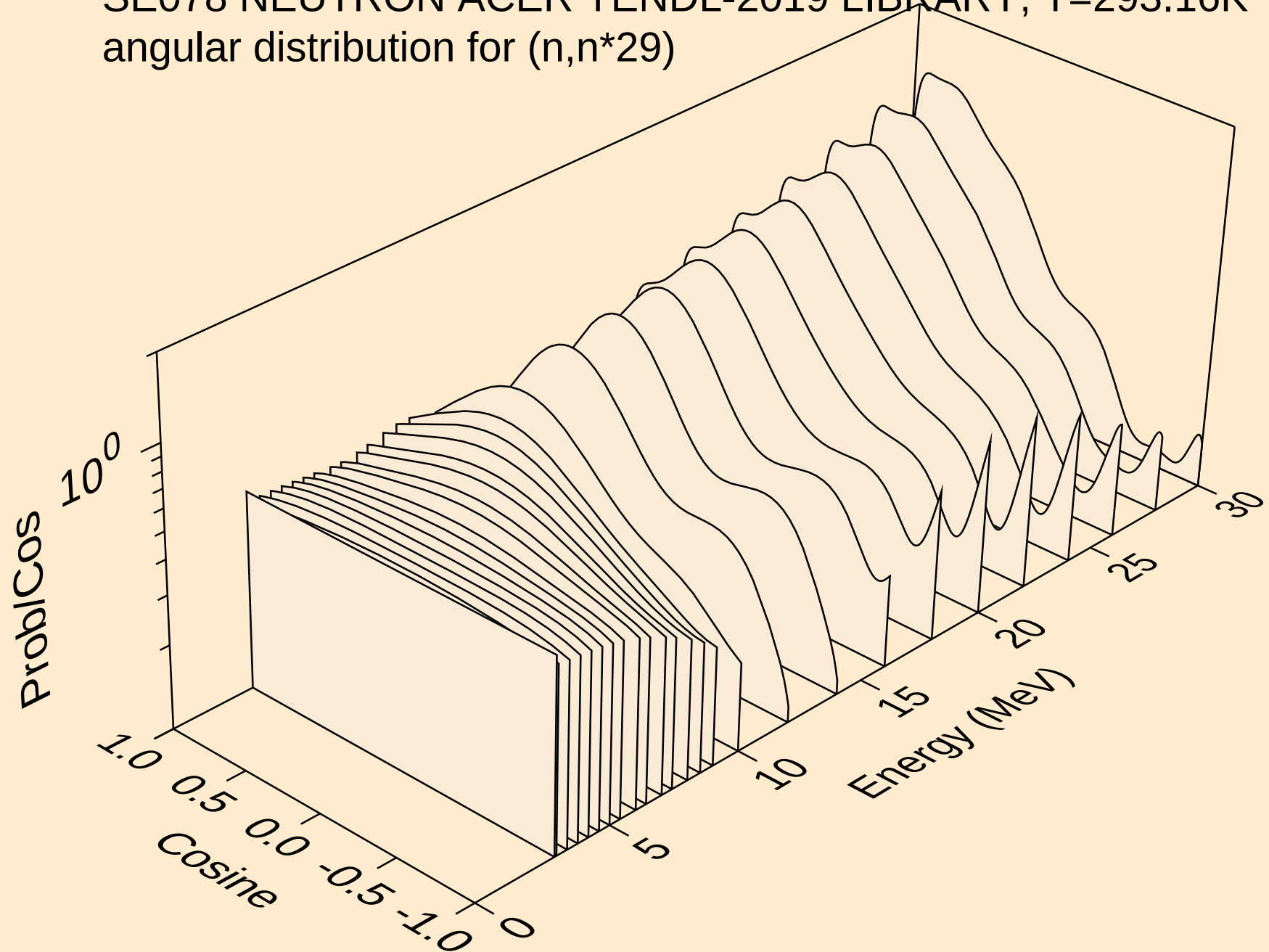
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



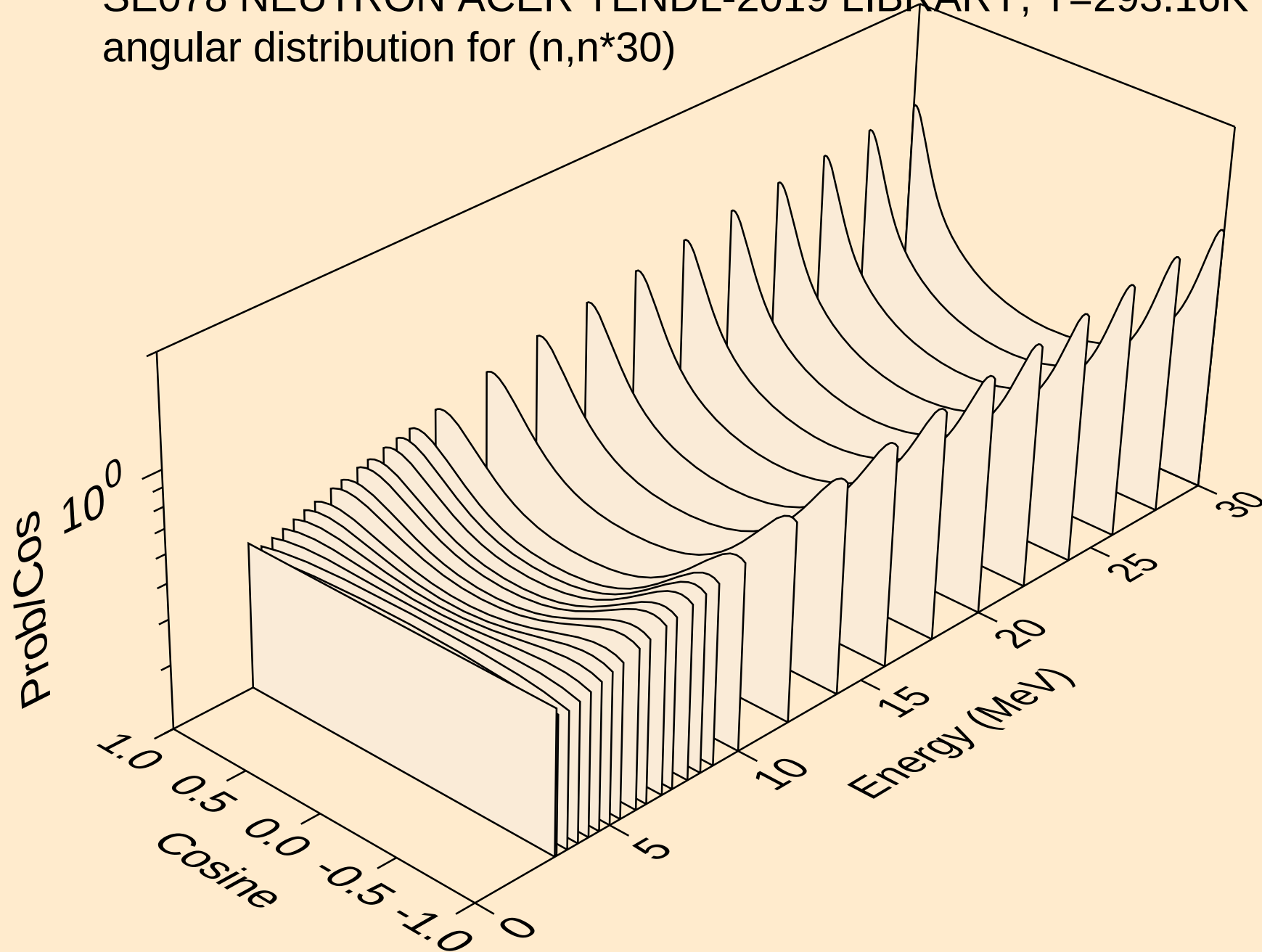
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



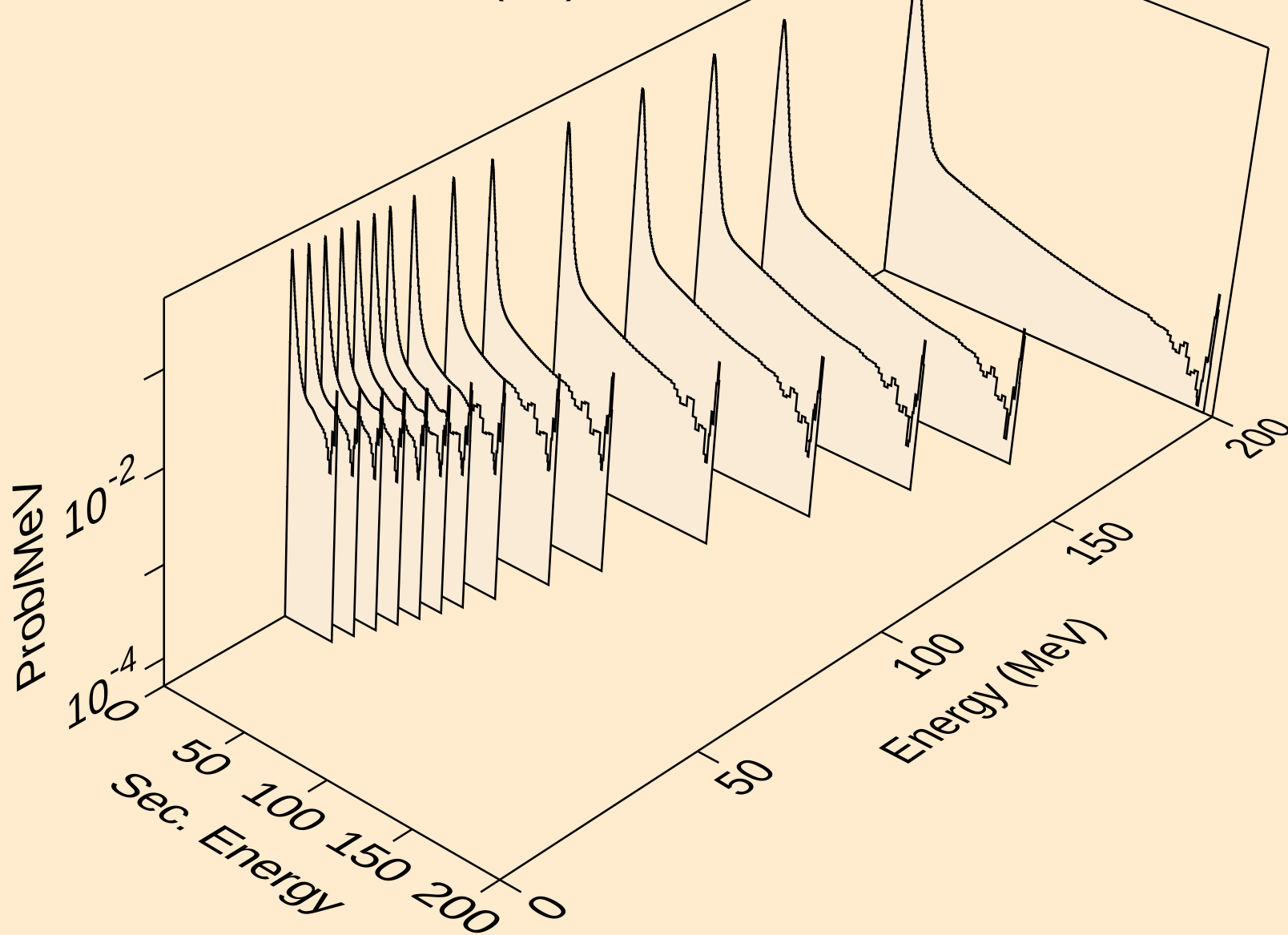
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



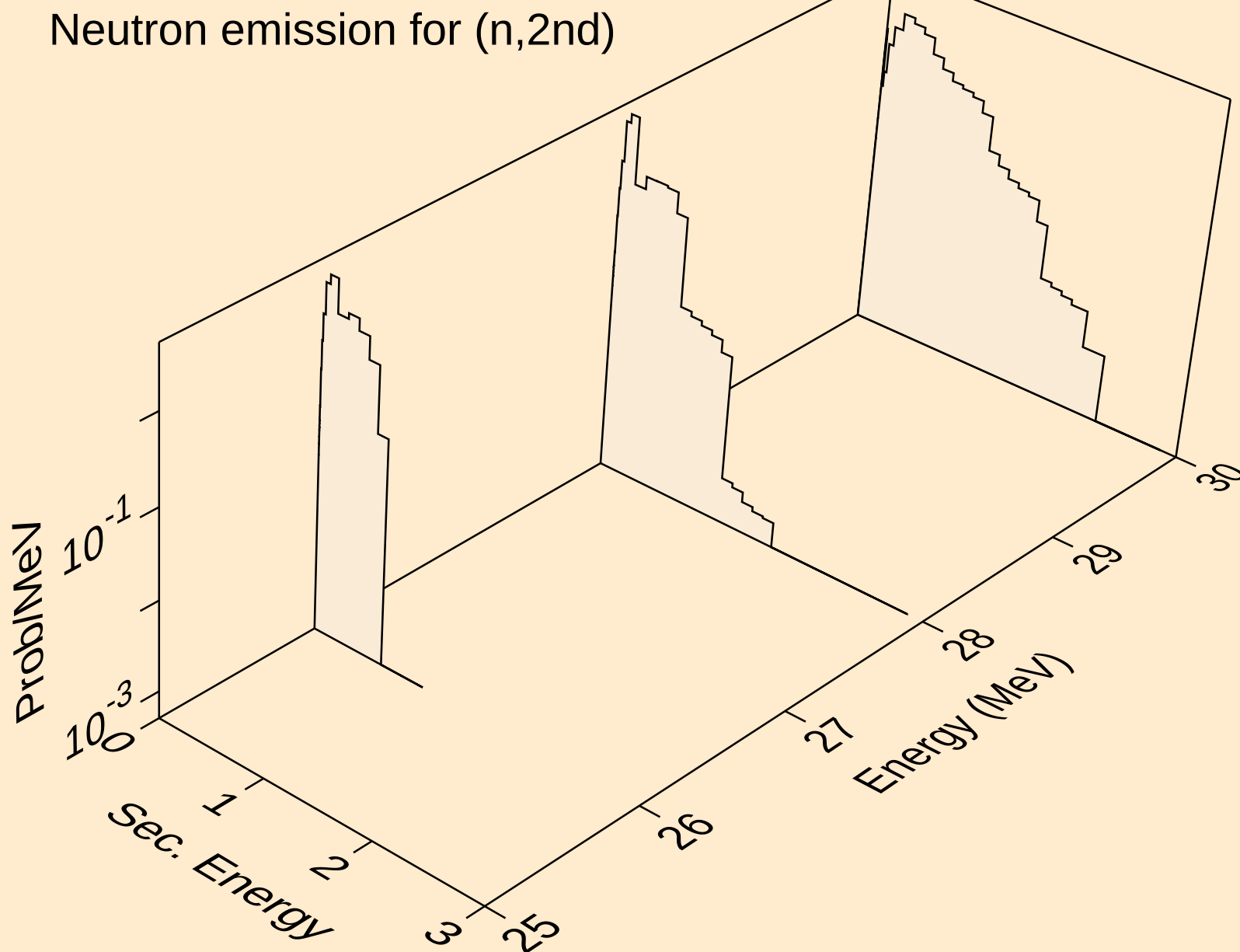
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*30)



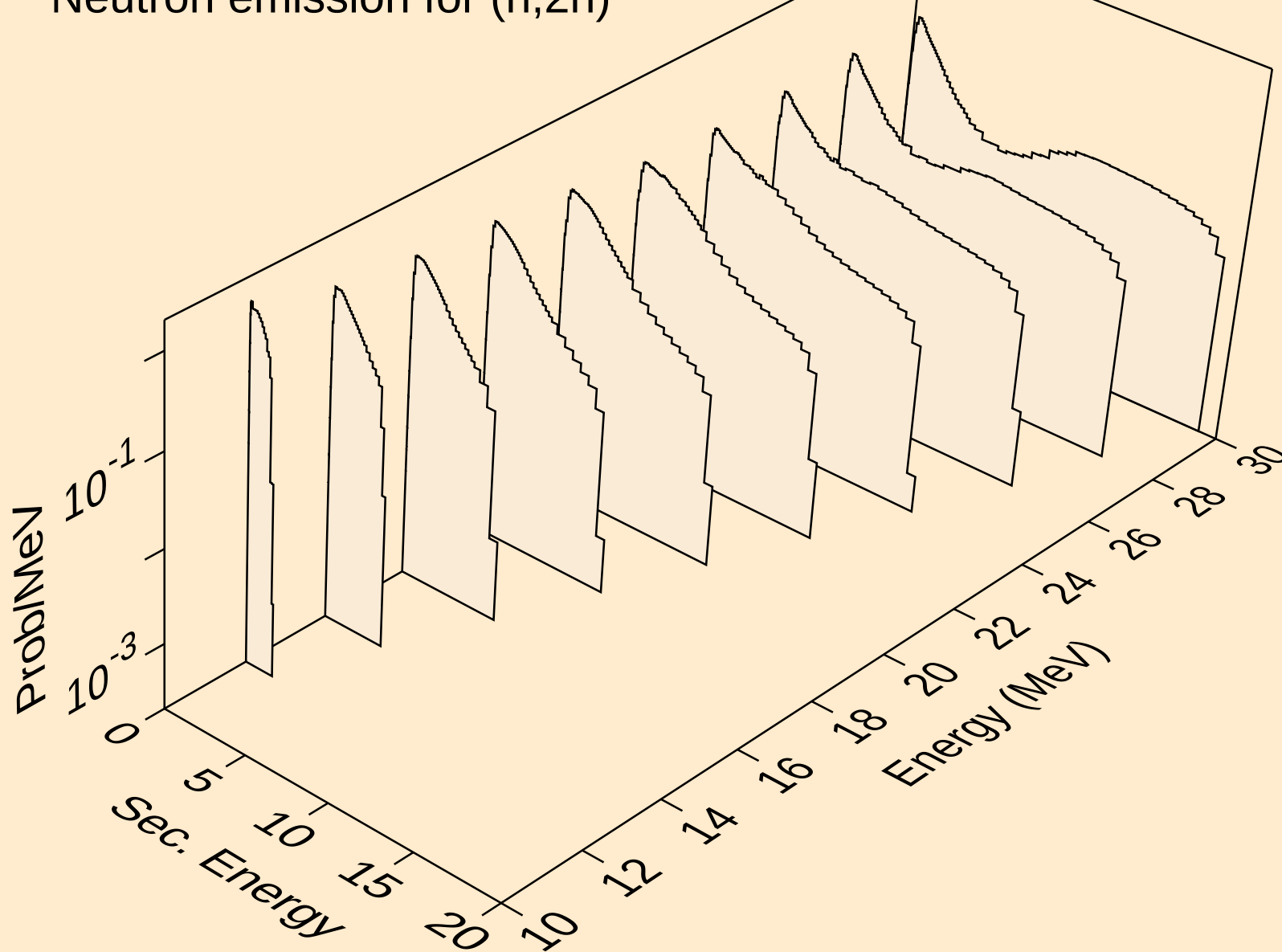
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



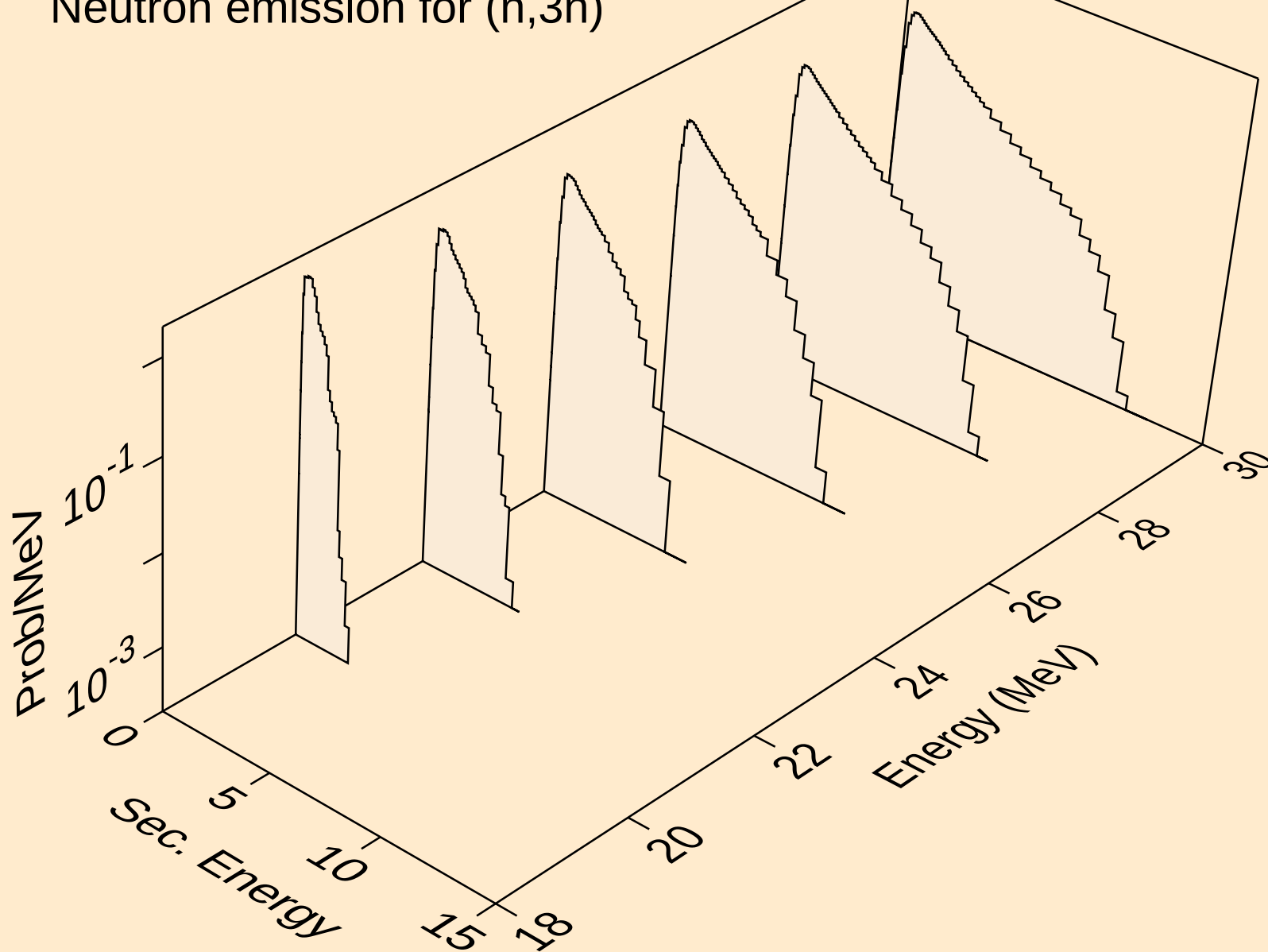
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



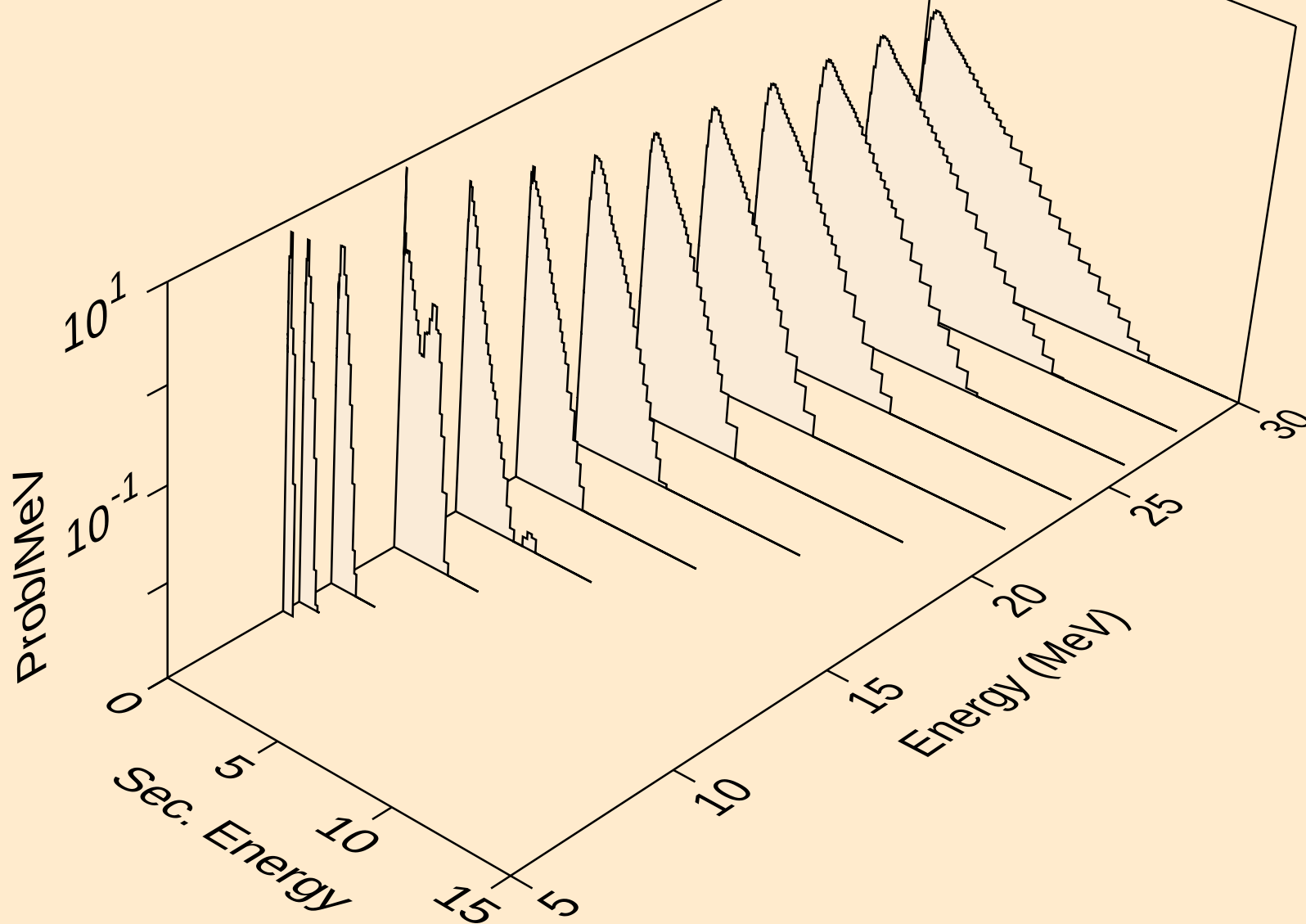
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



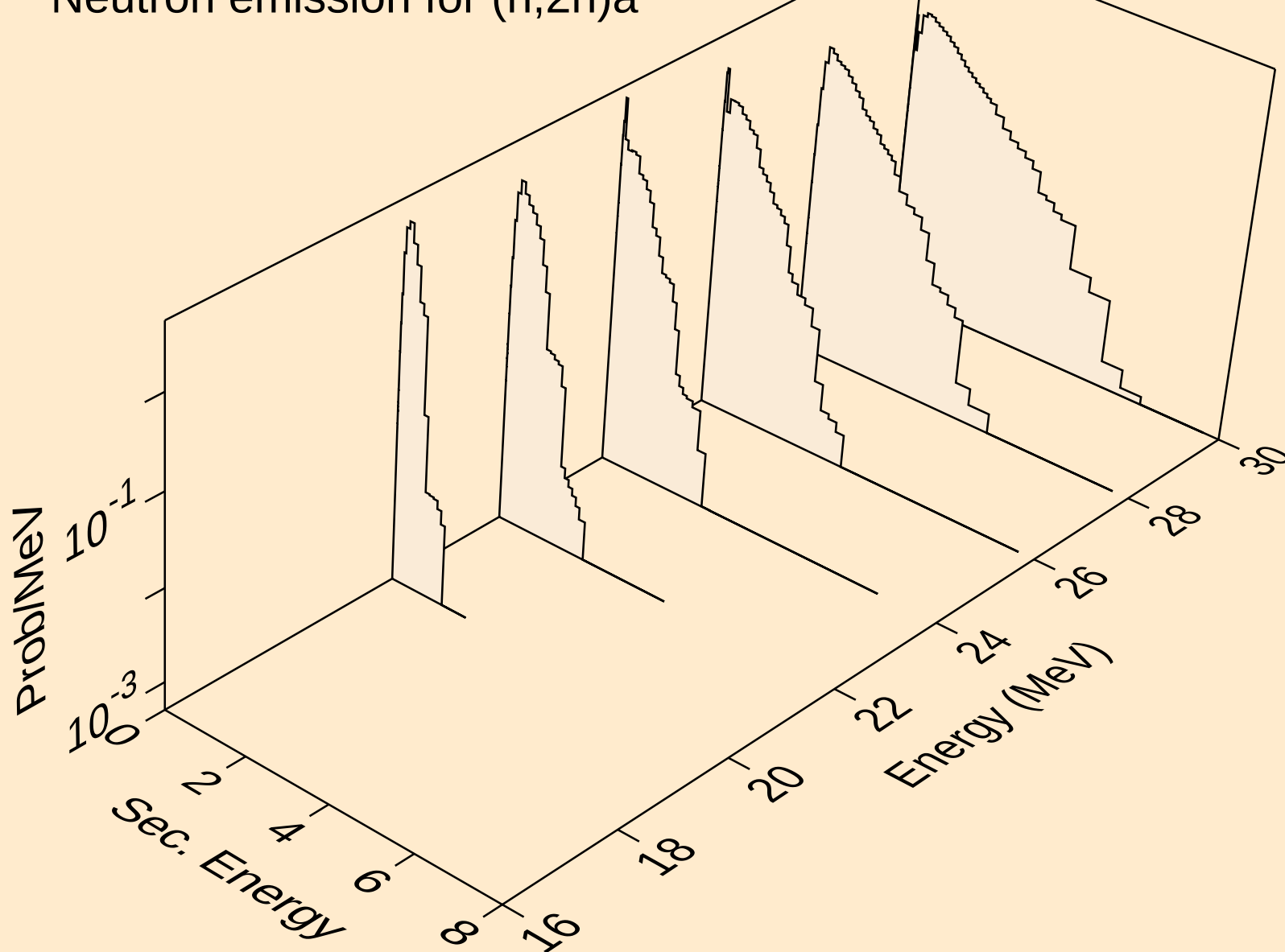
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



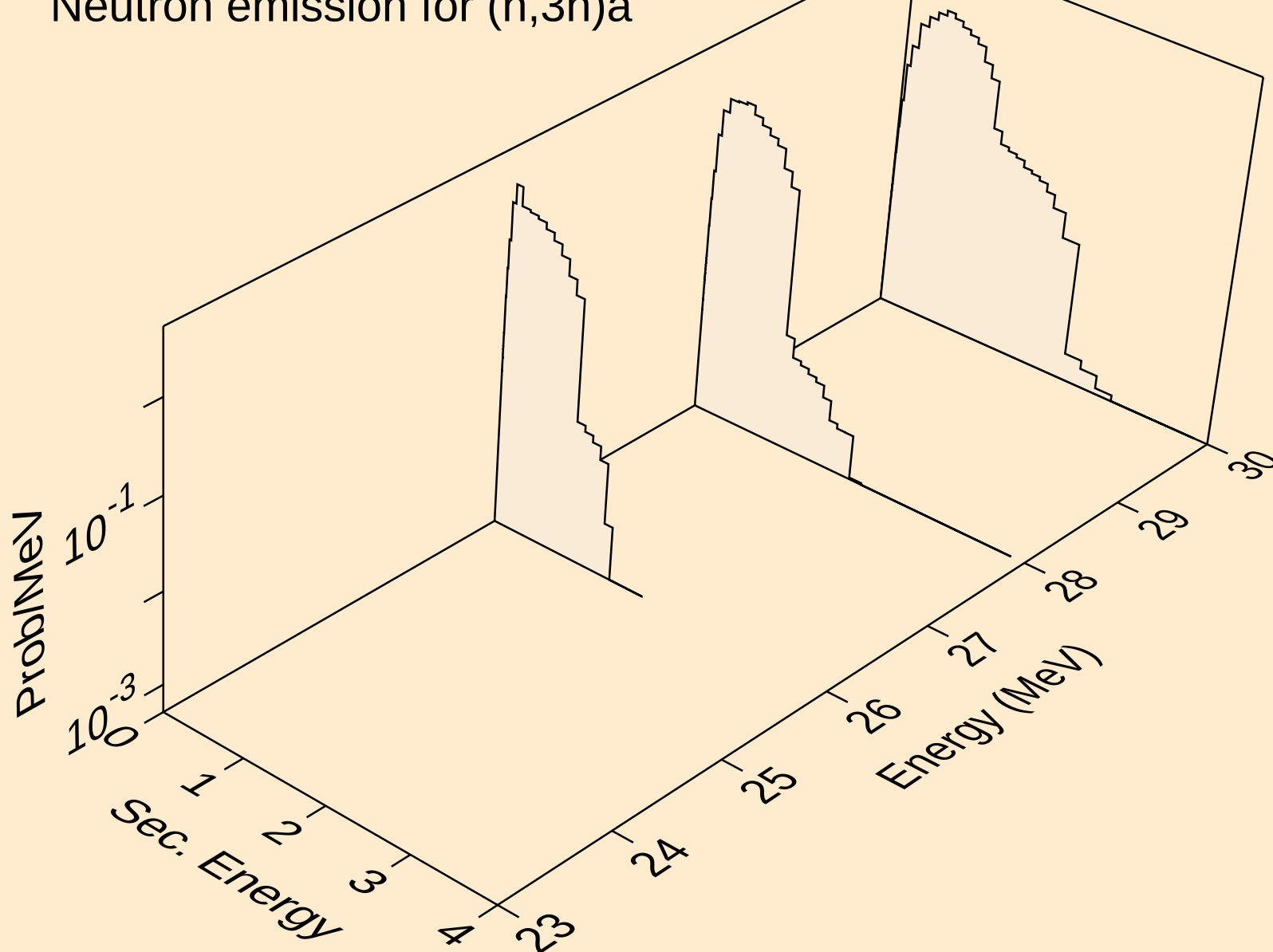
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



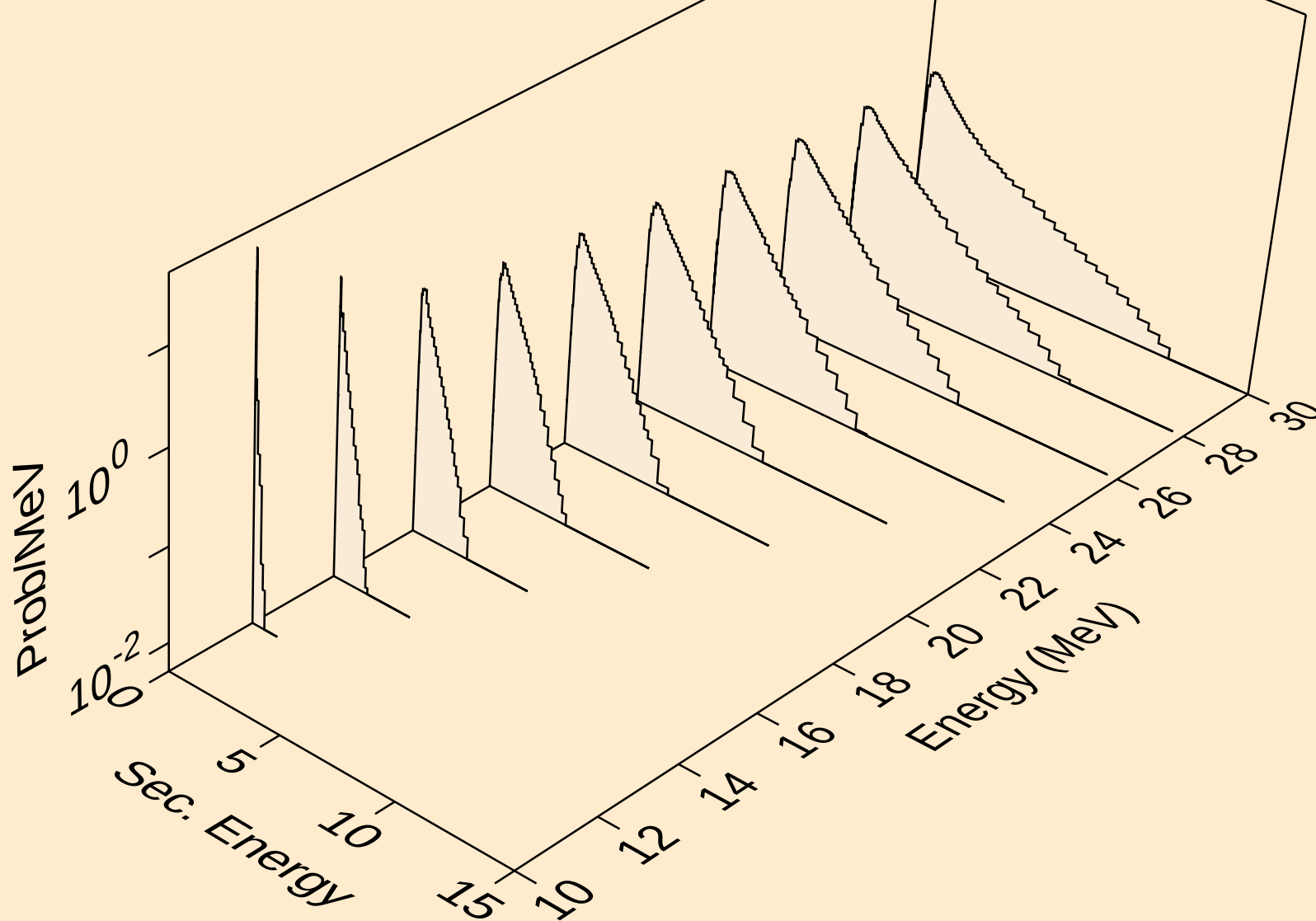
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)_a



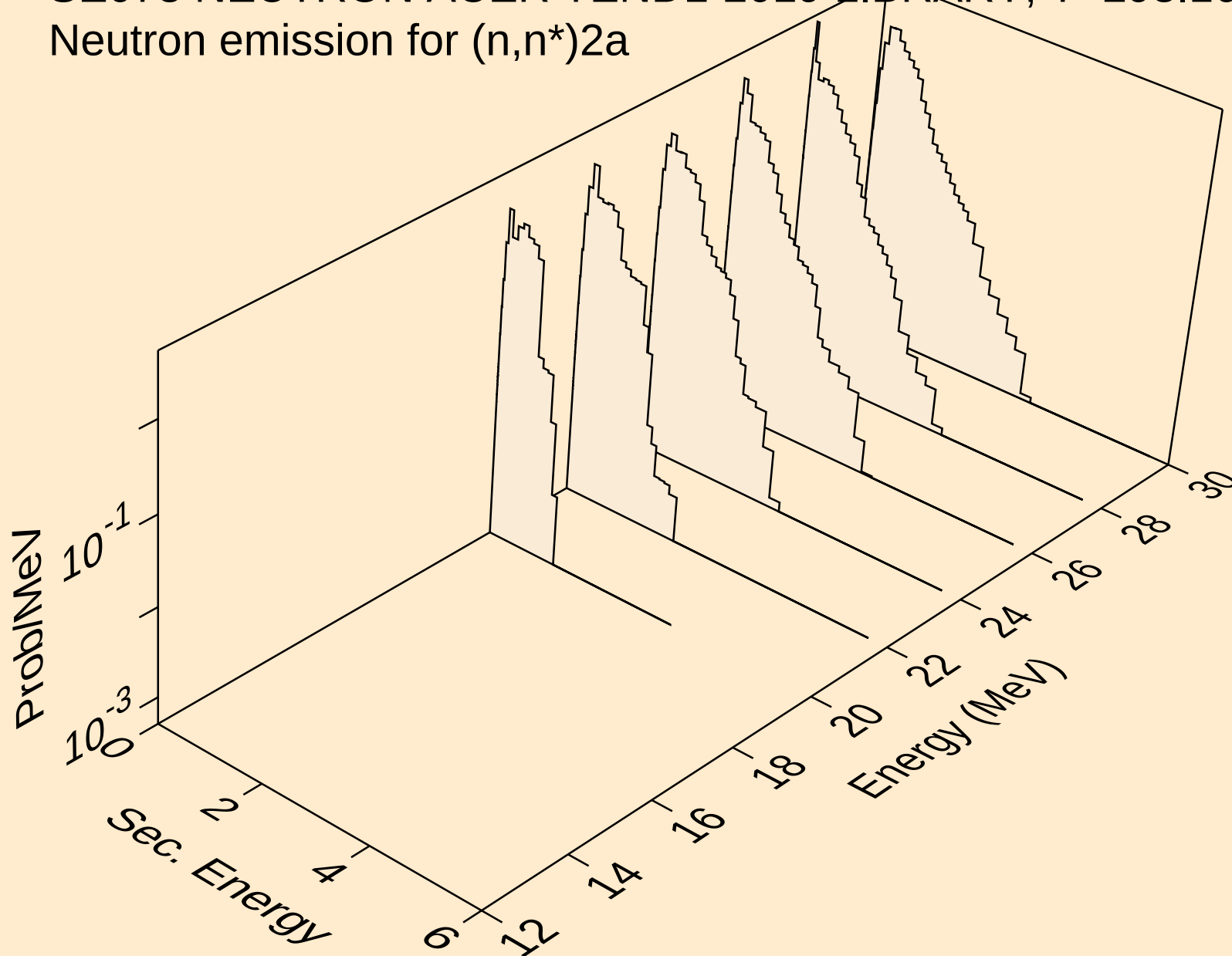
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



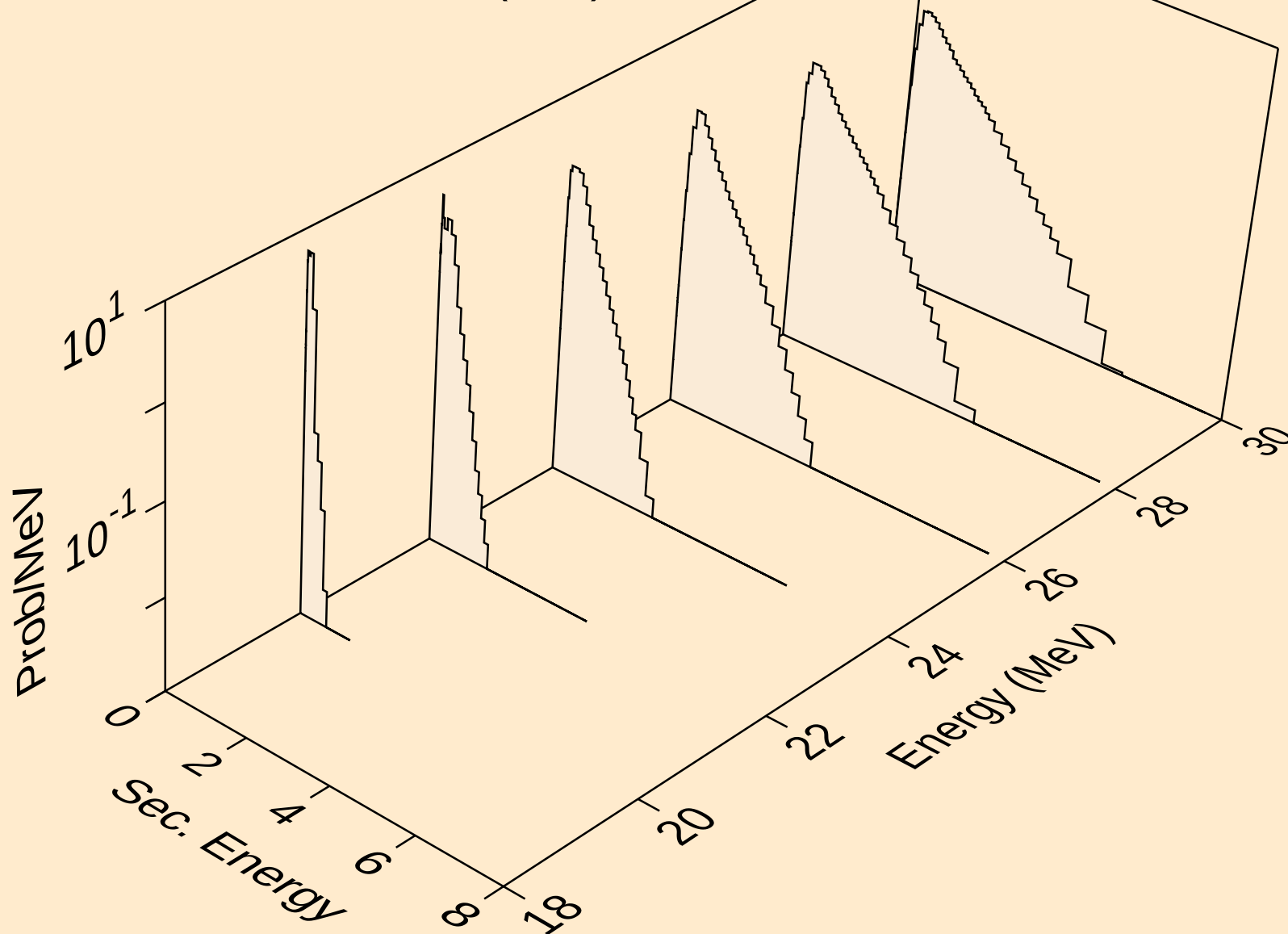
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



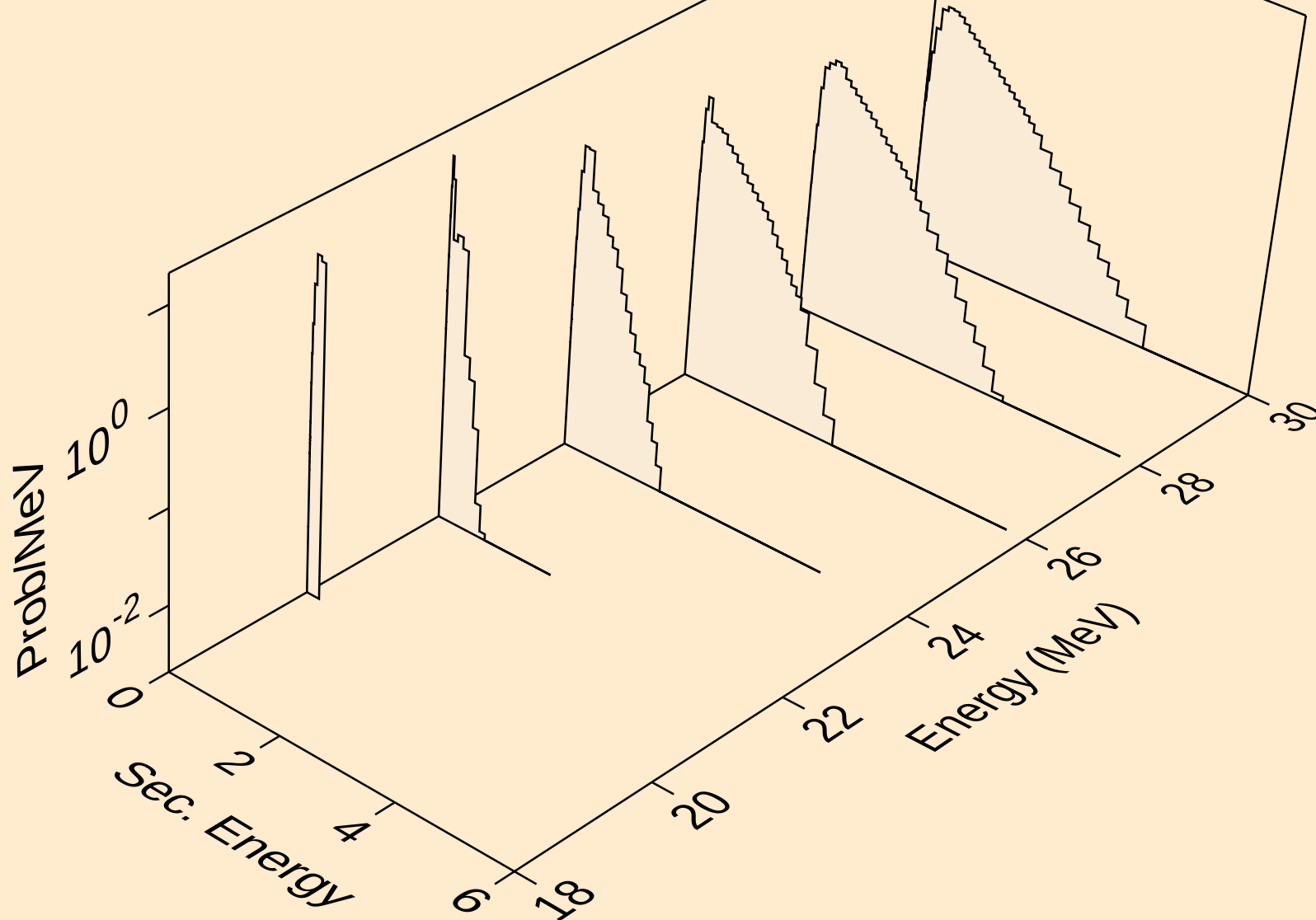
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



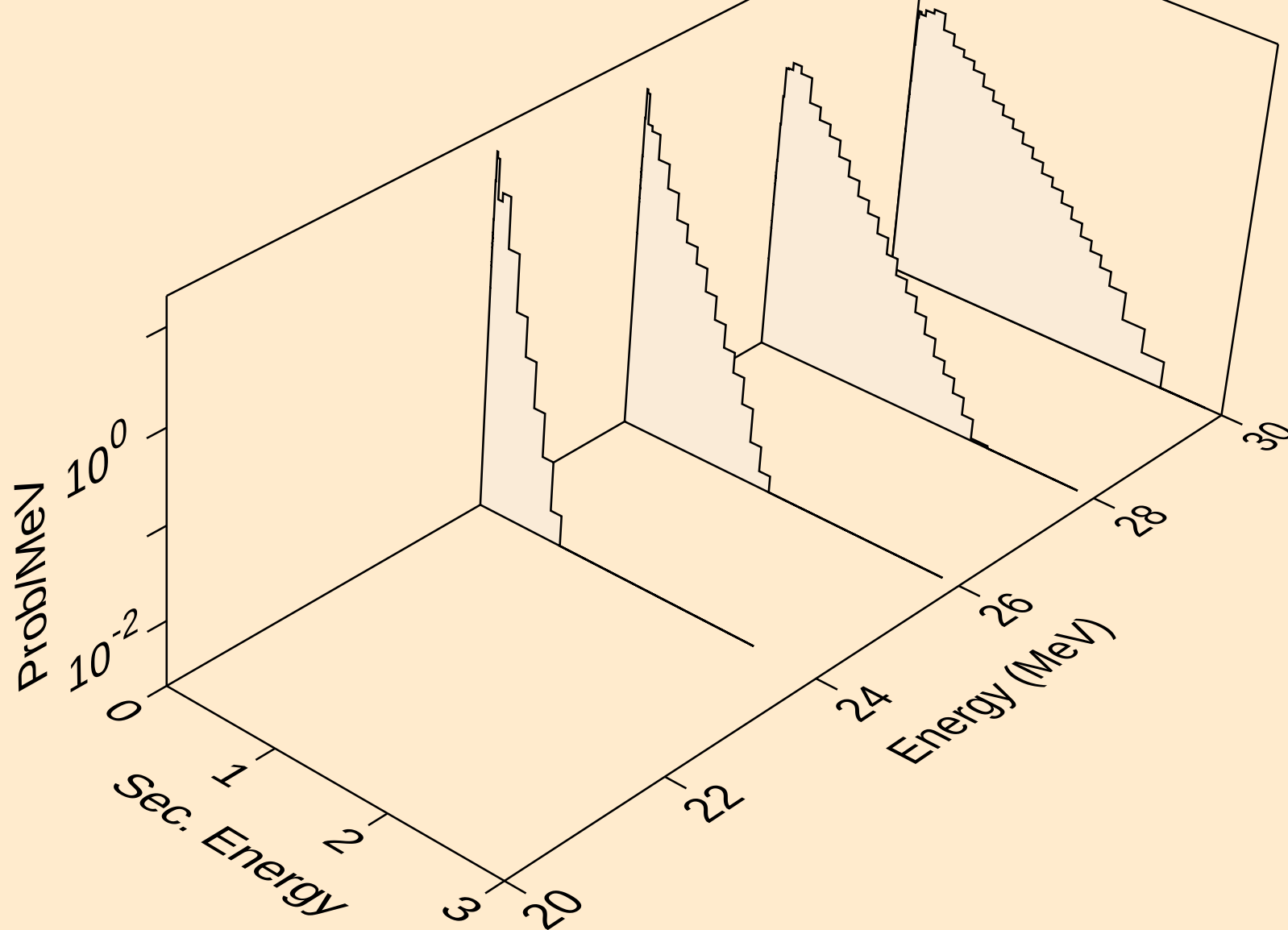
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



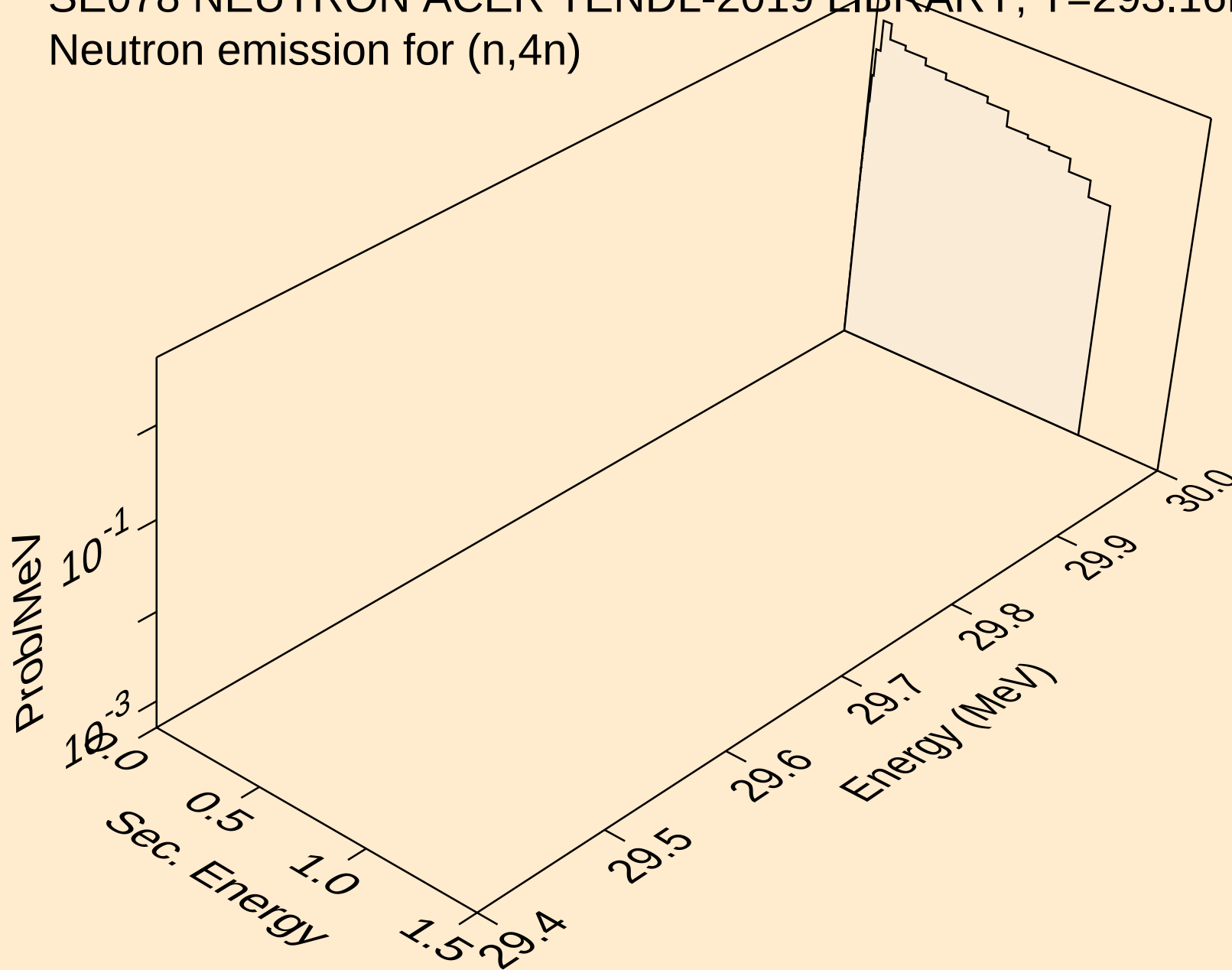
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



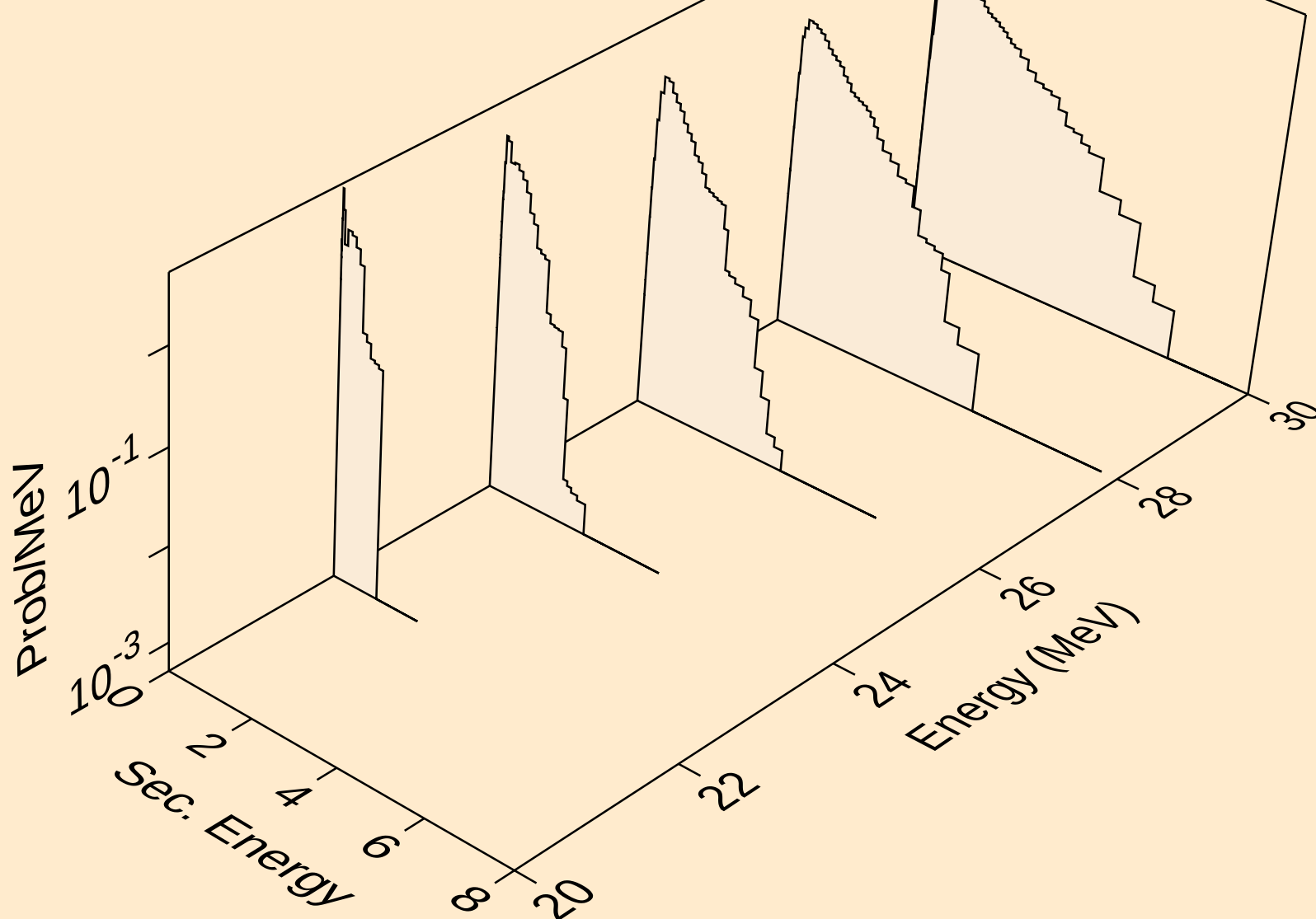
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



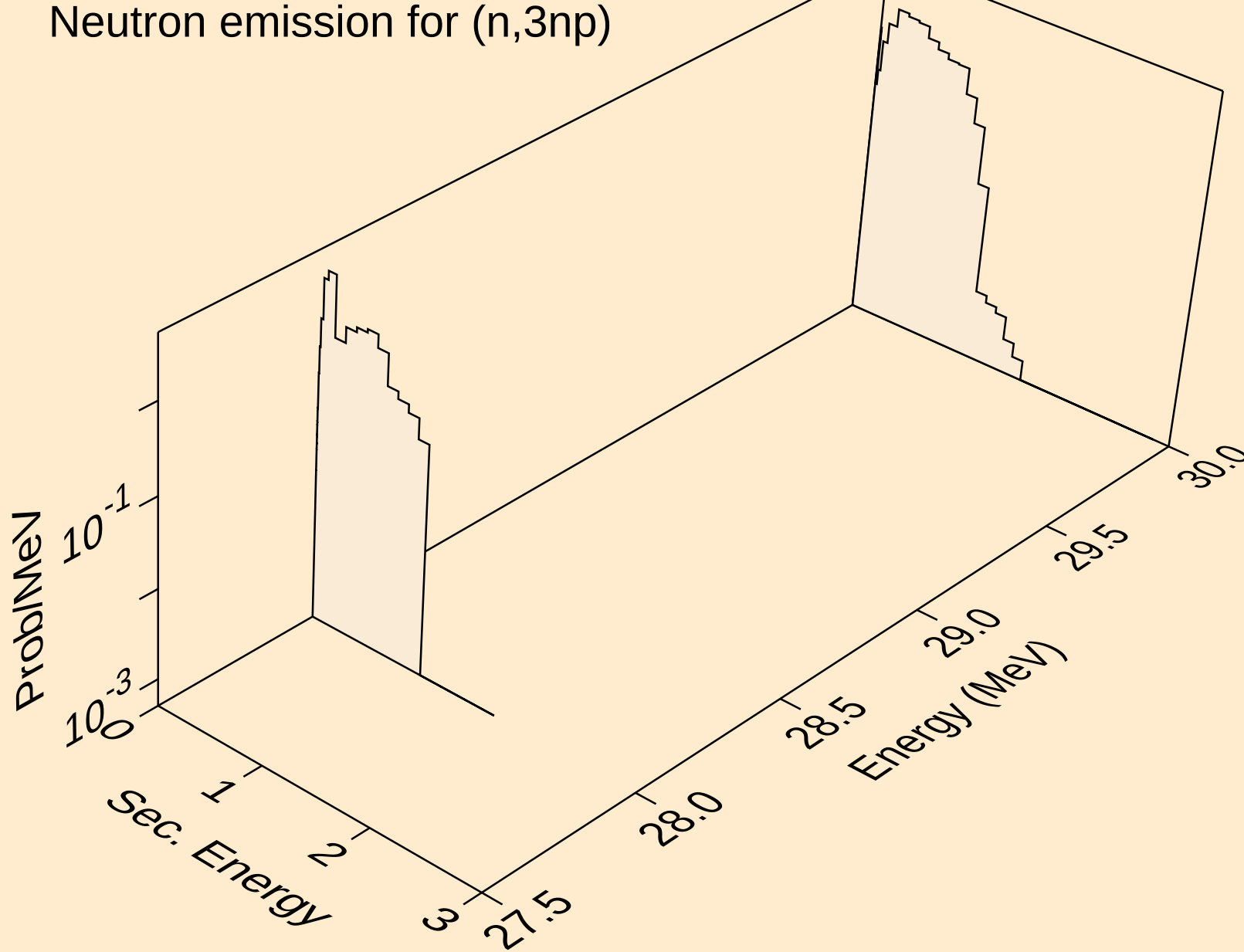
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



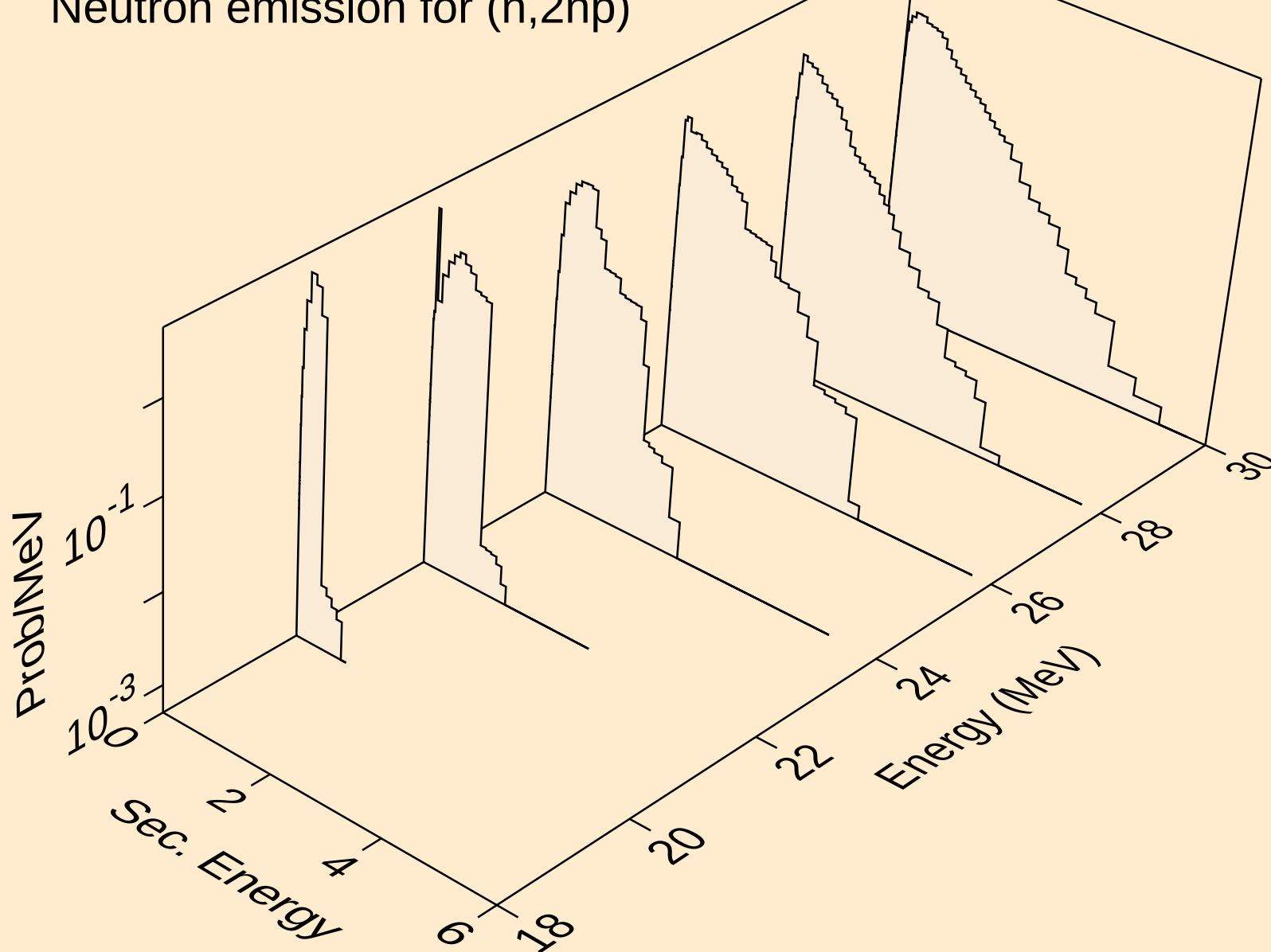
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



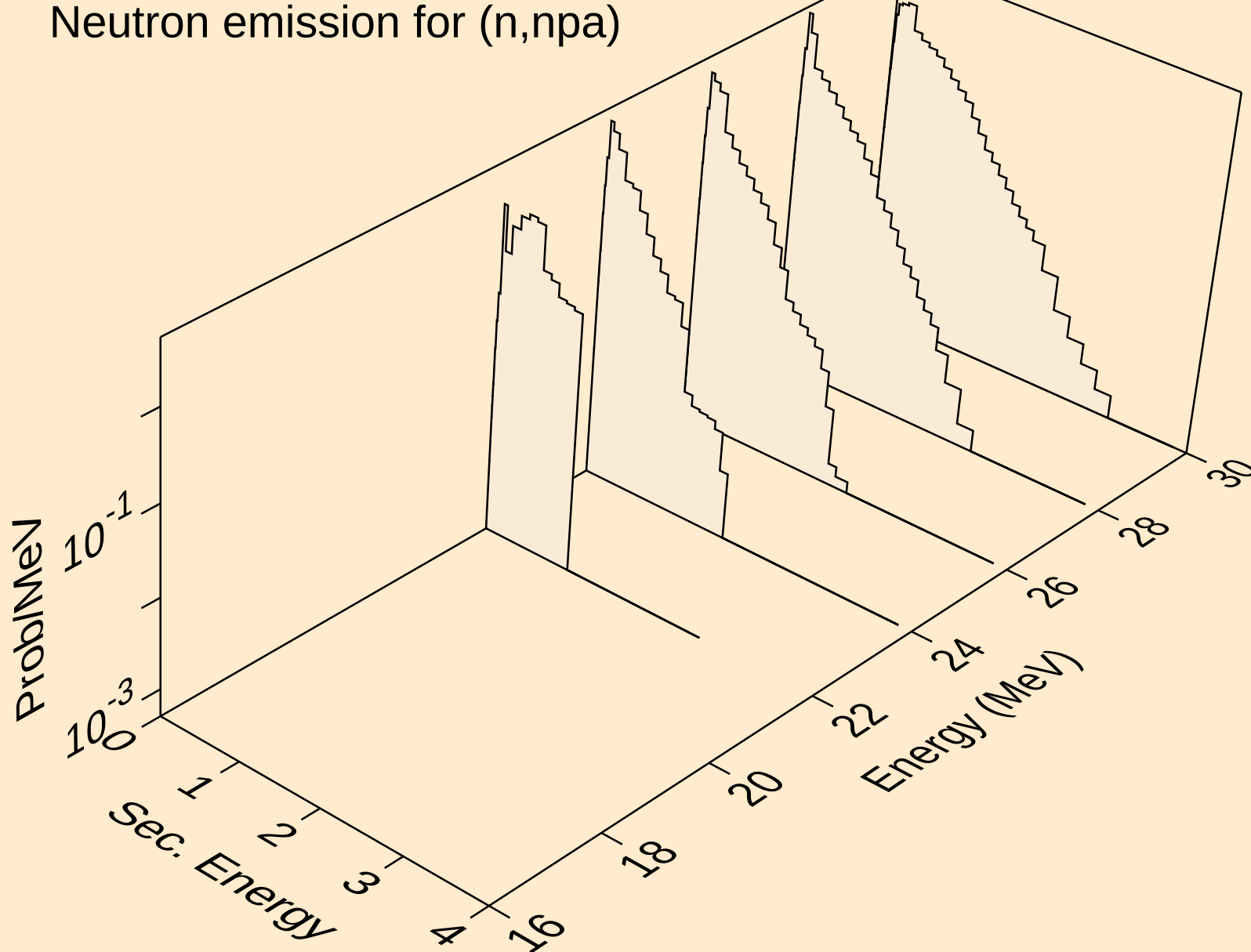
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



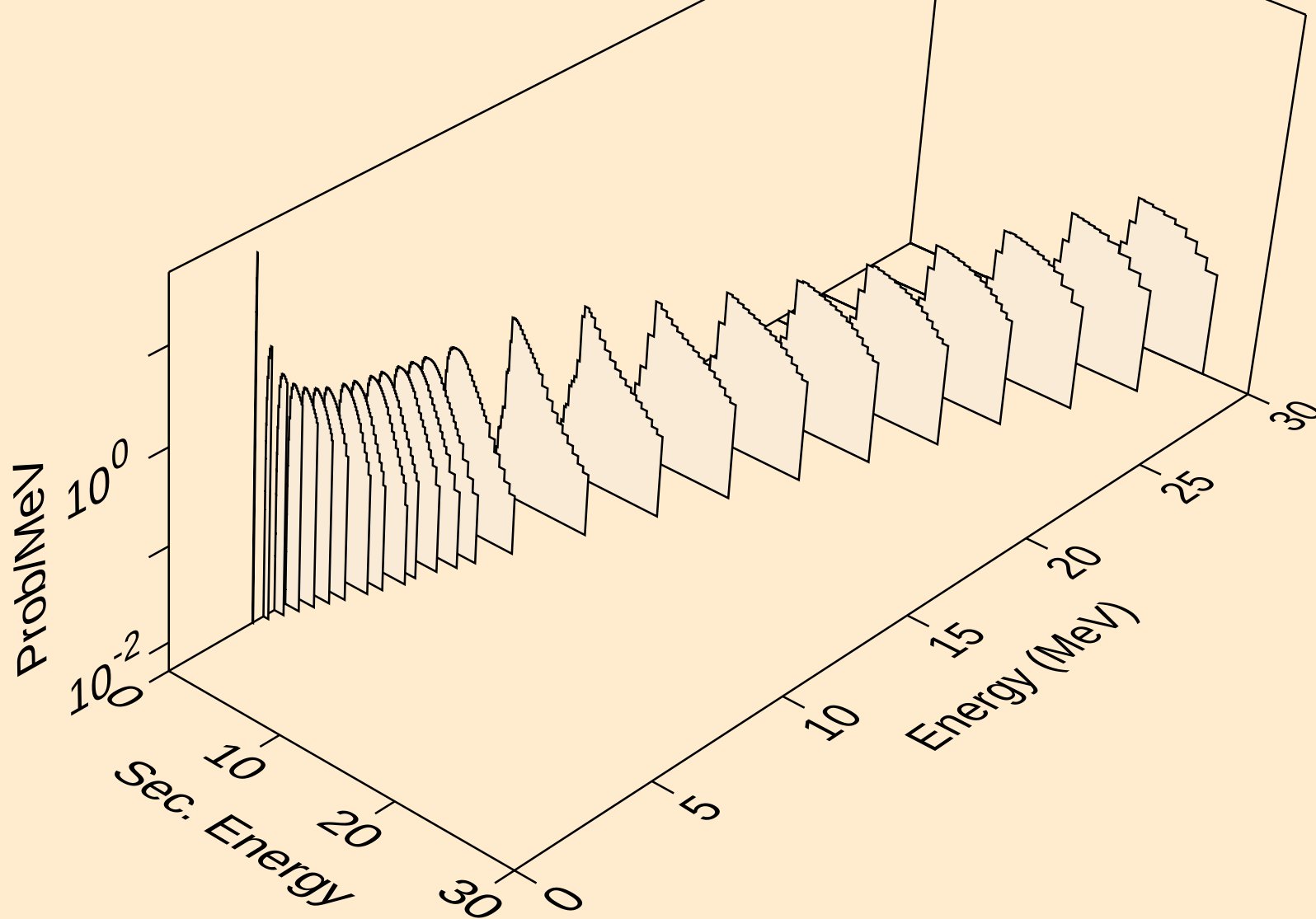
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



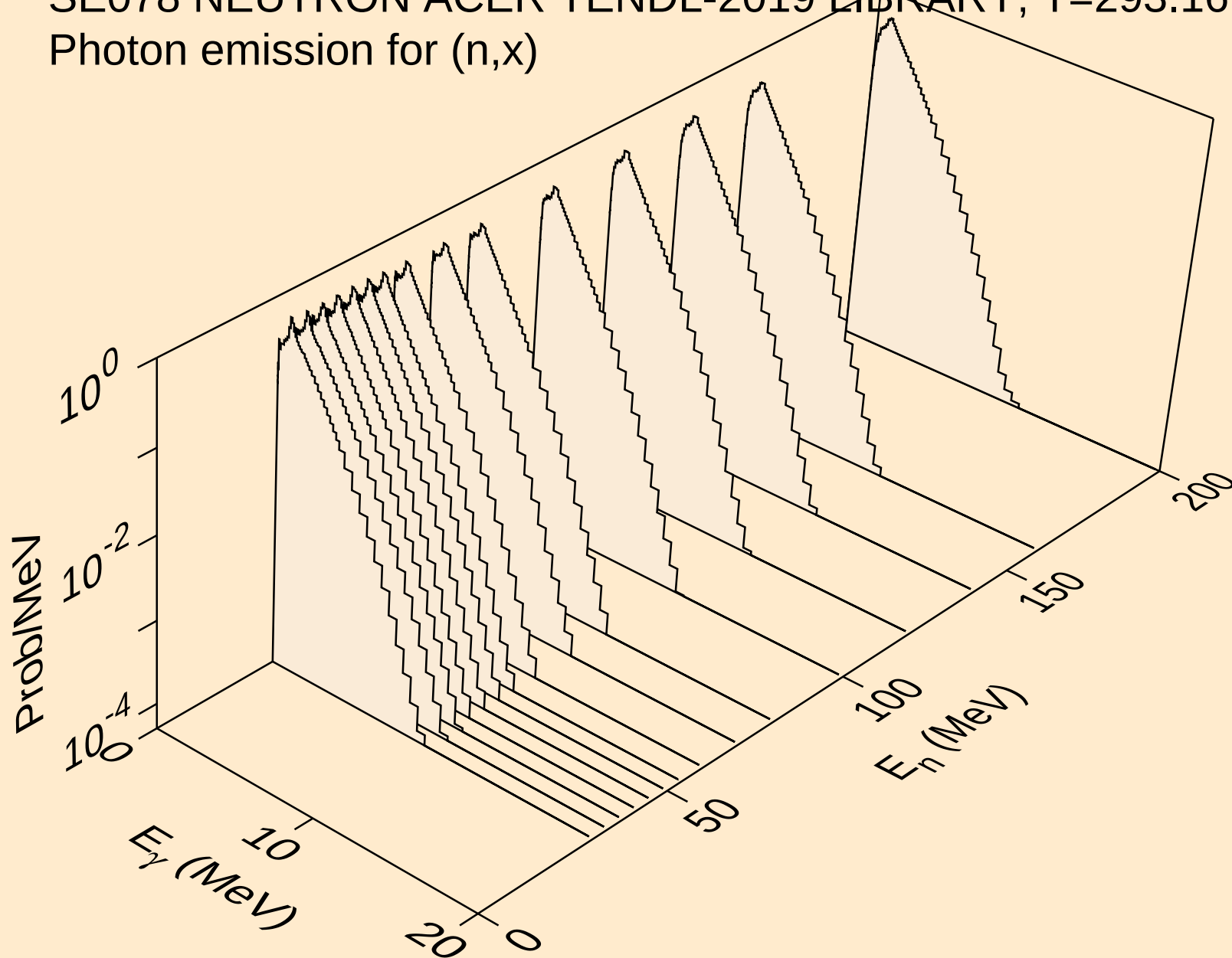
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



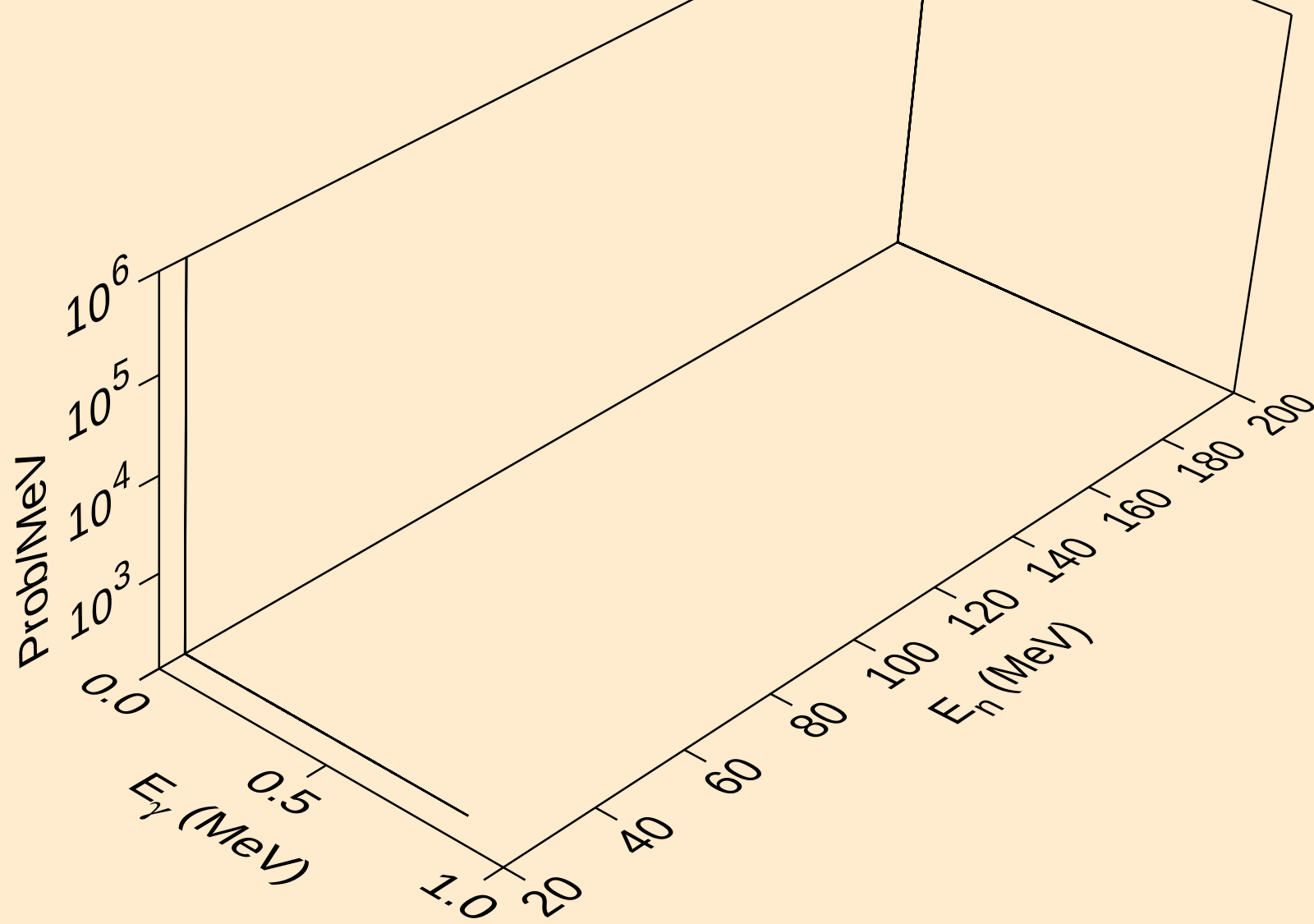
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



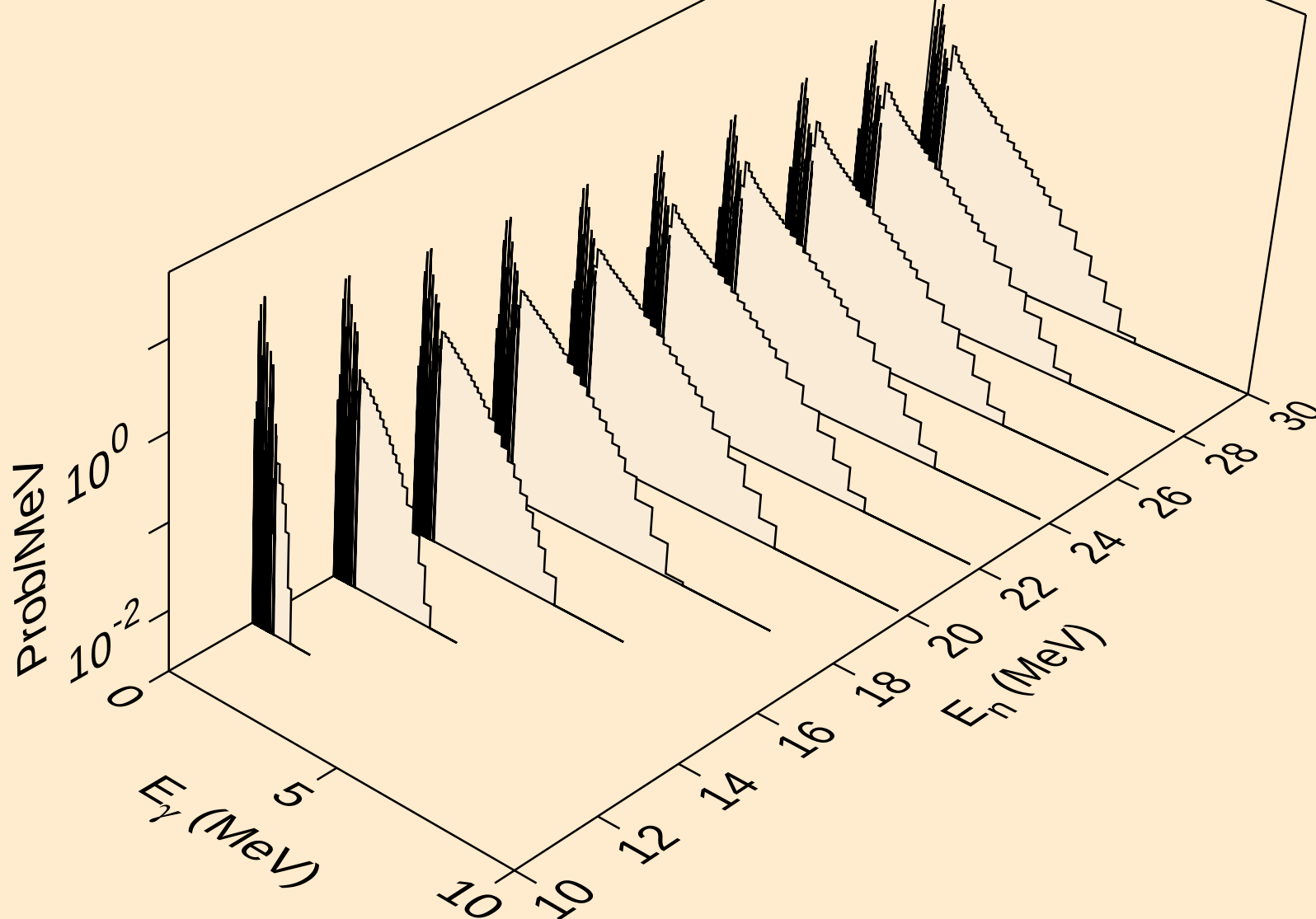
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



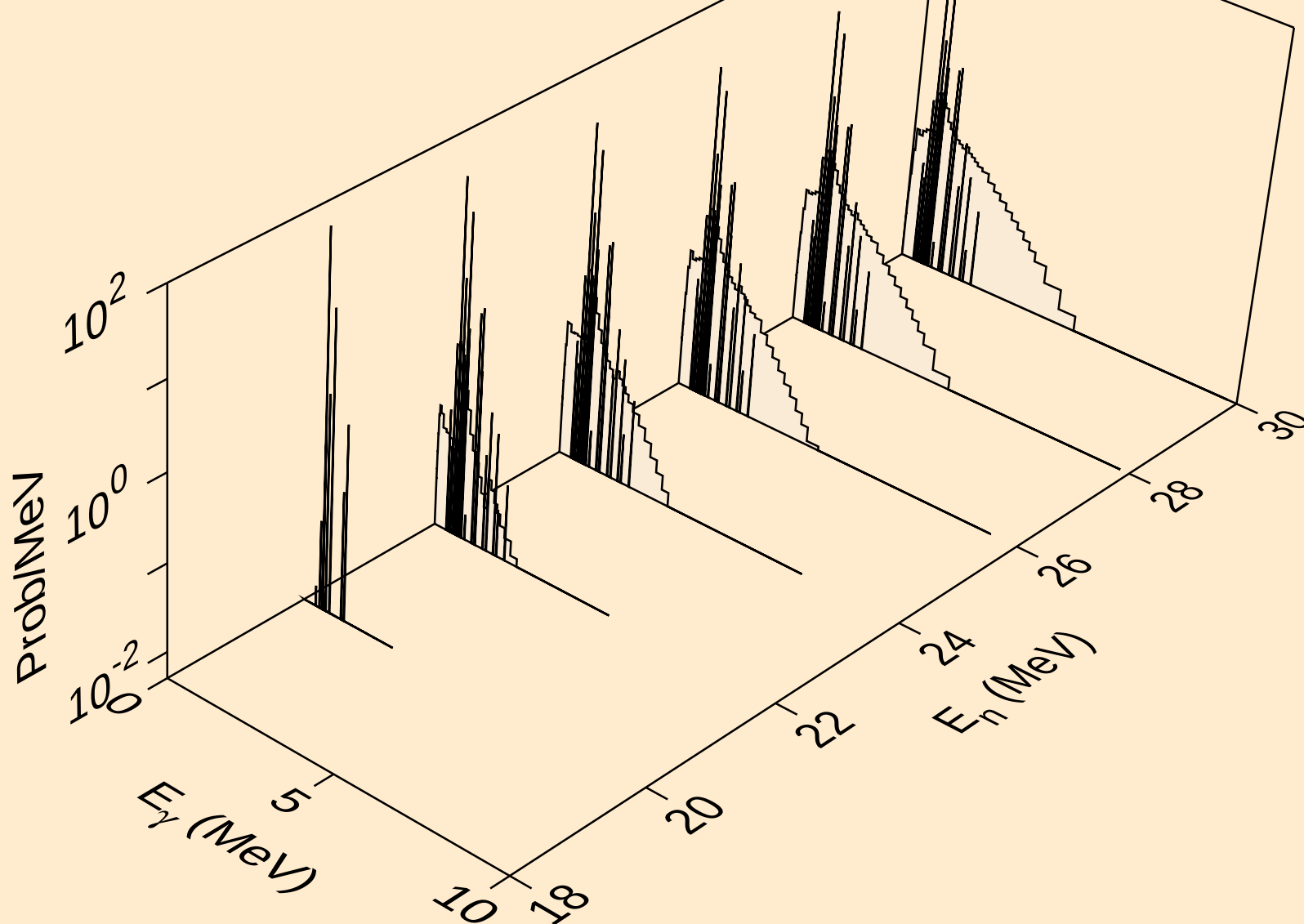
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



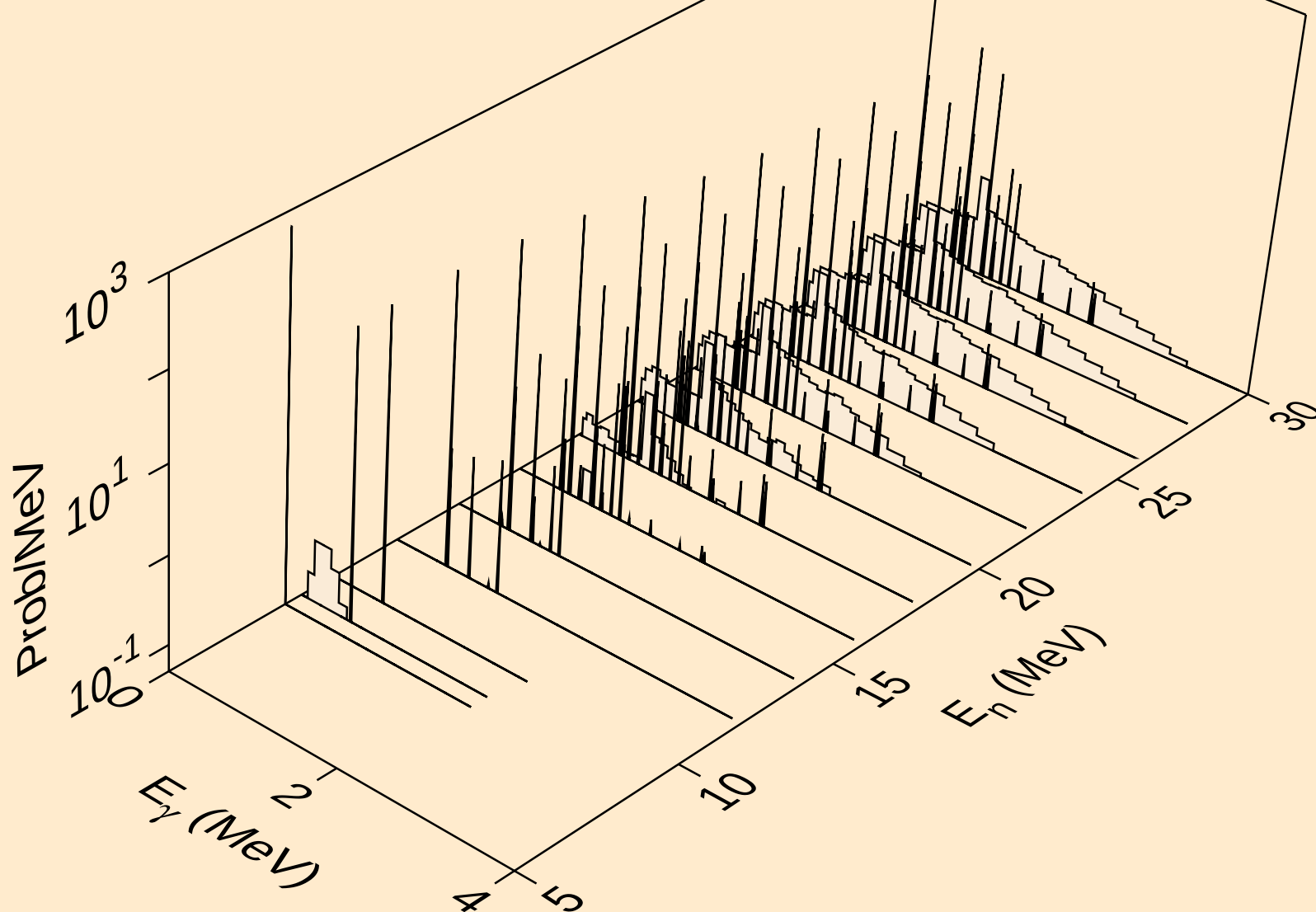
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



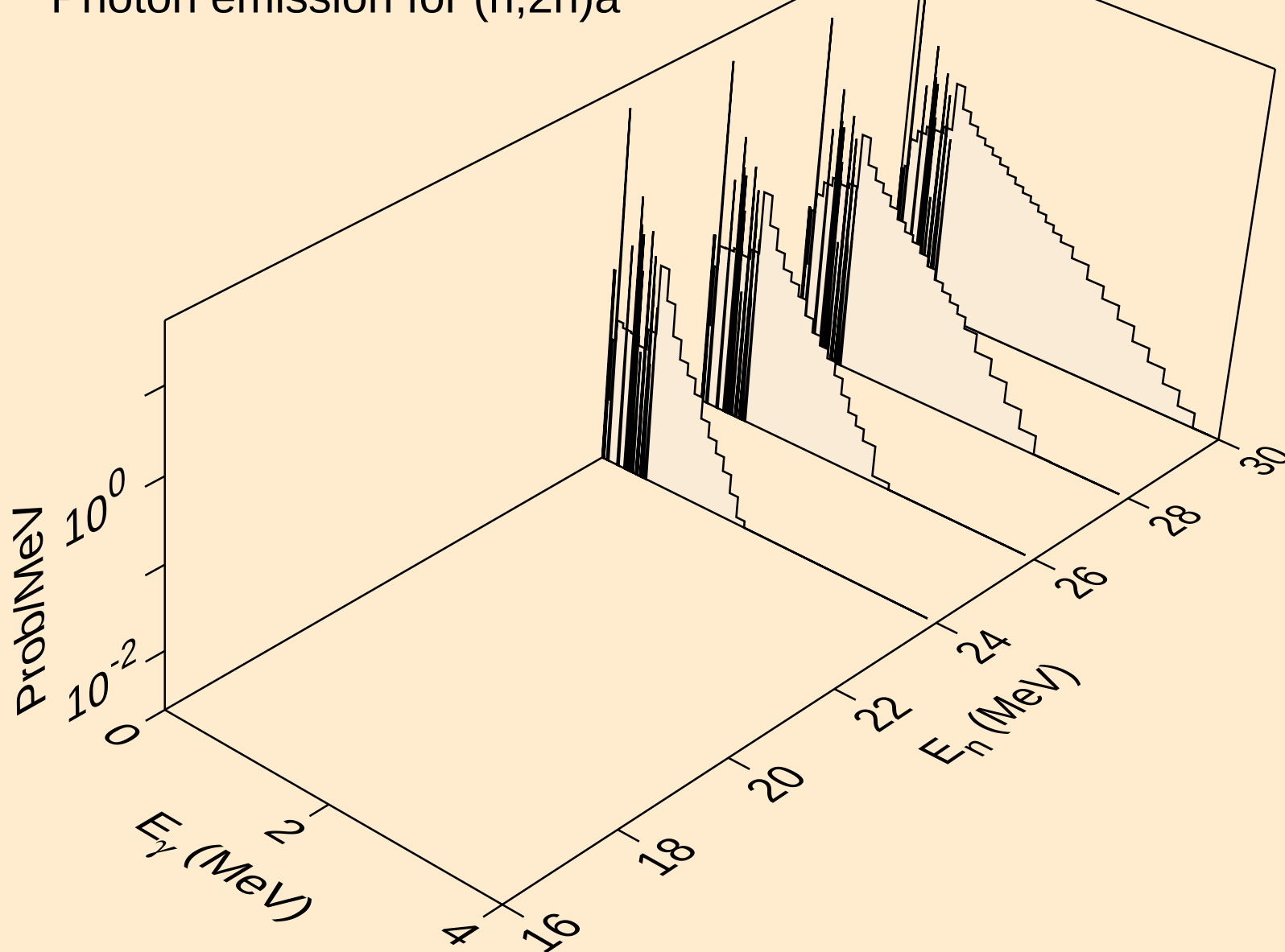
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



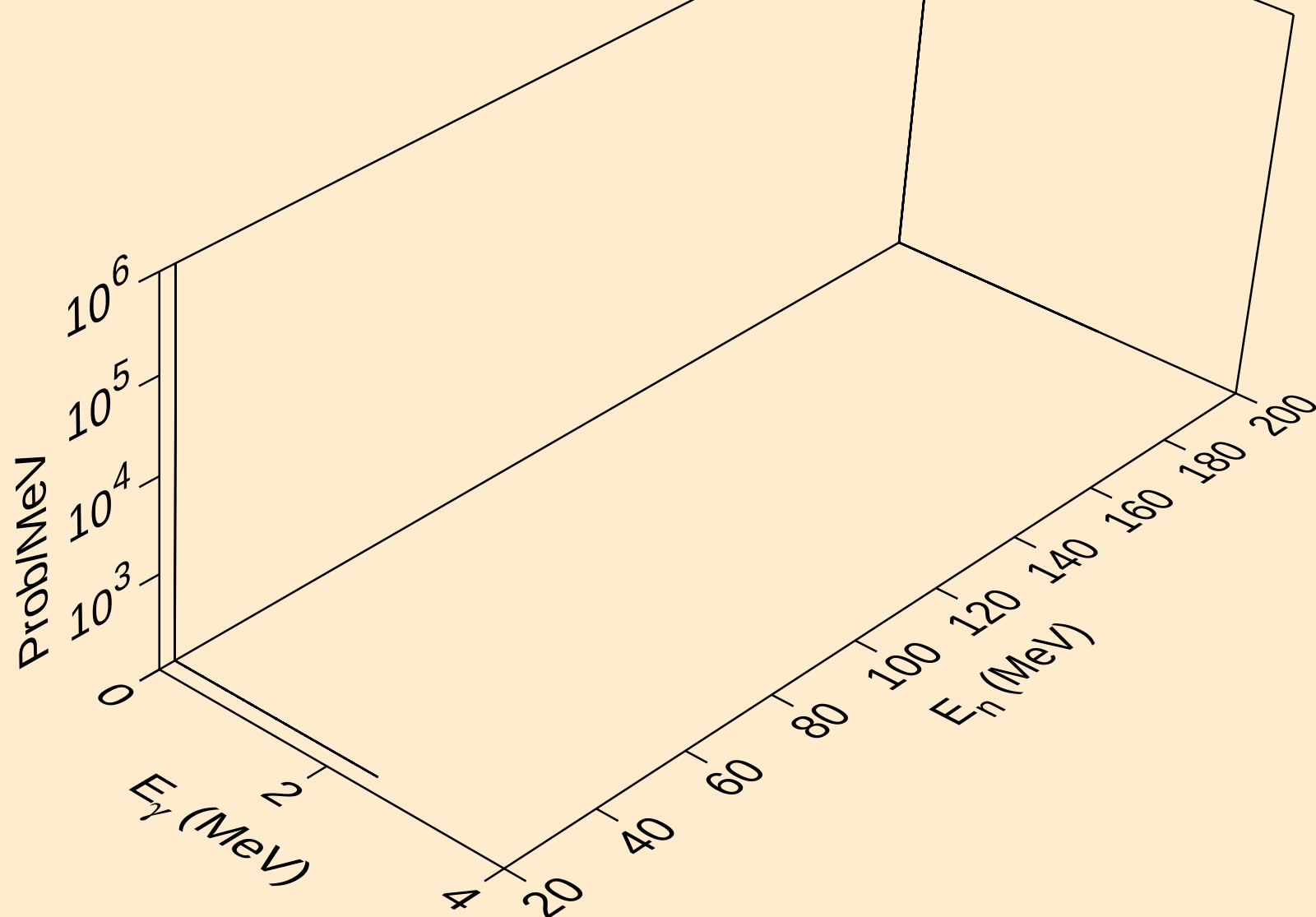
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



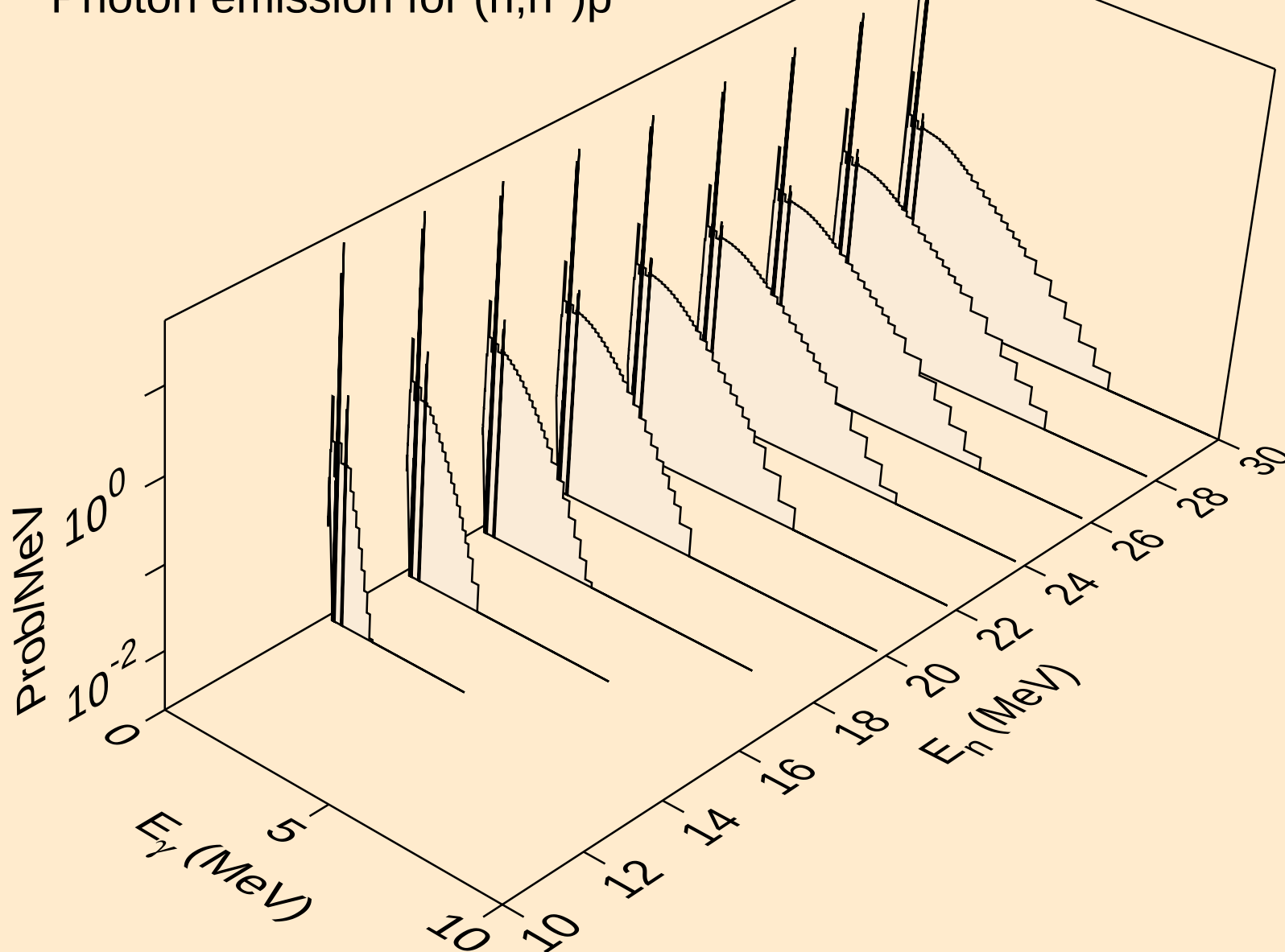
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



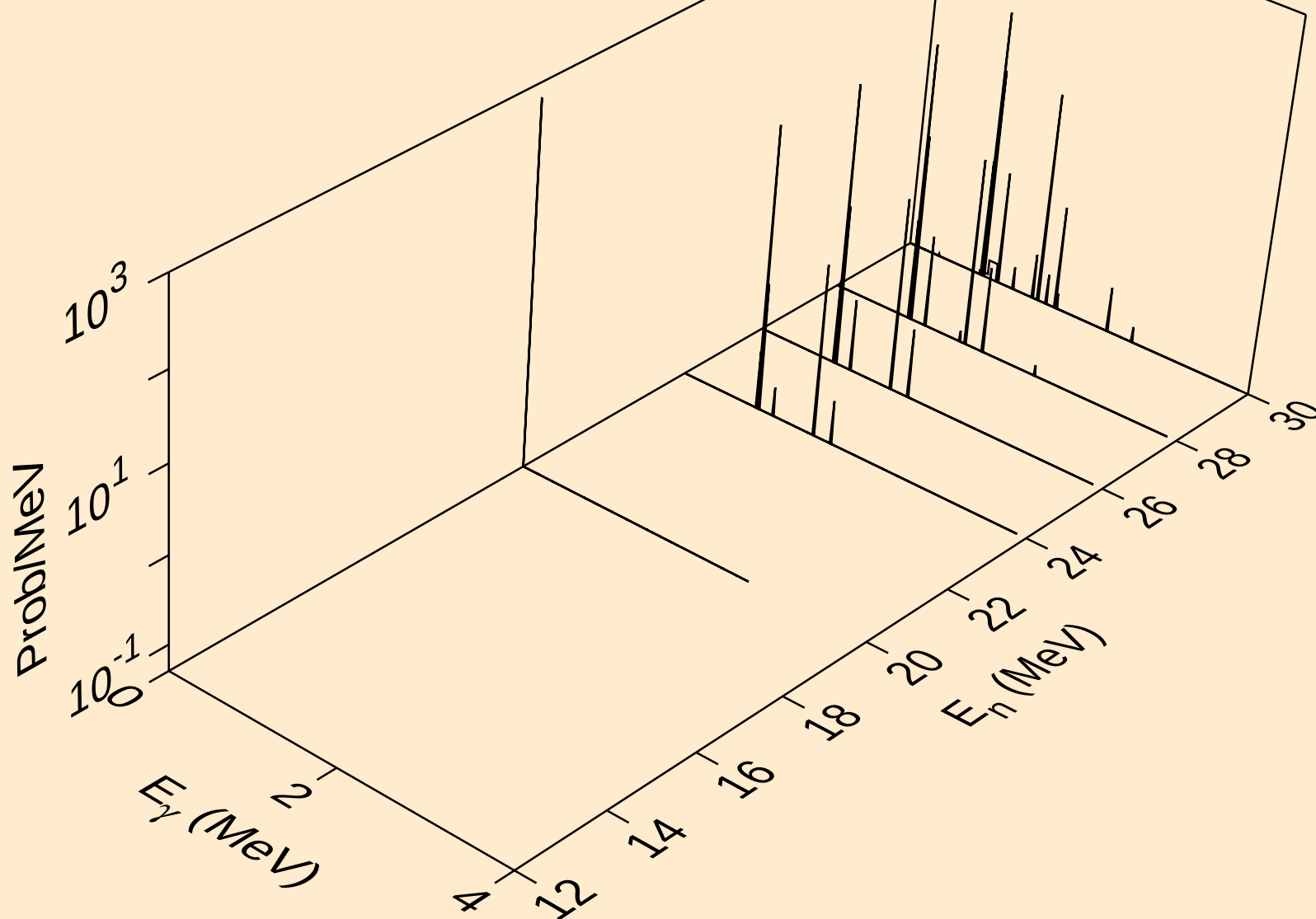
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



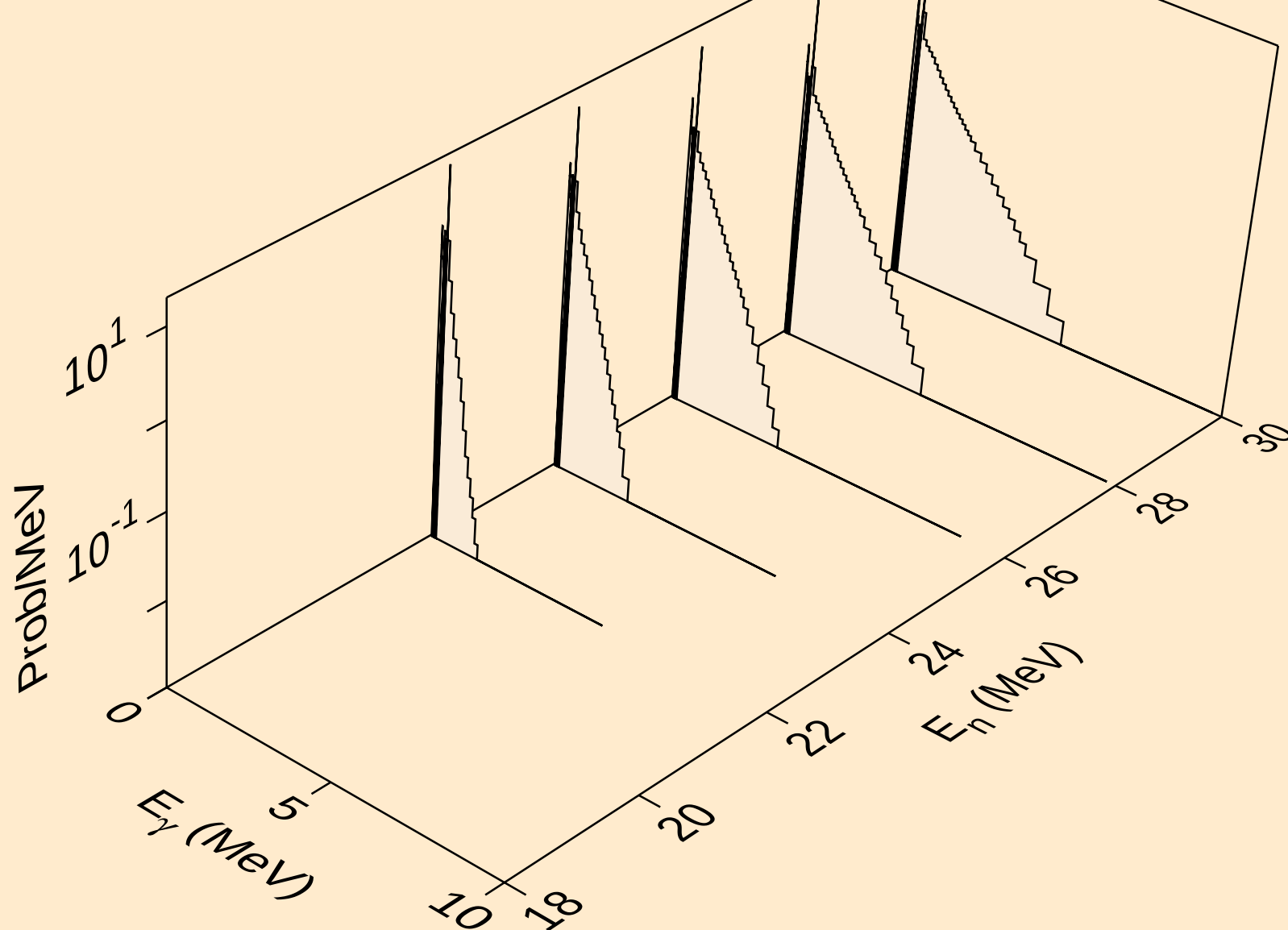
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



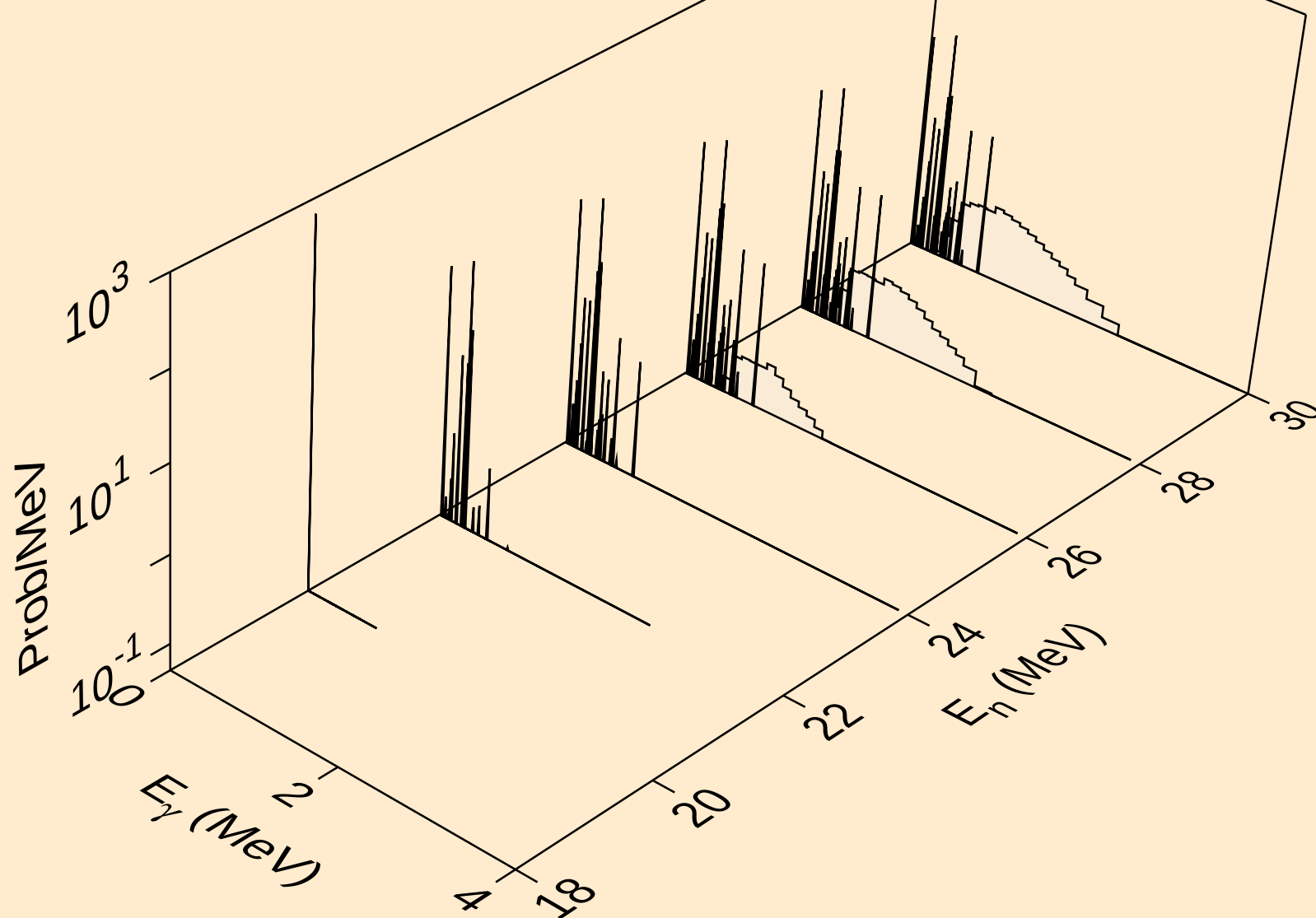
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



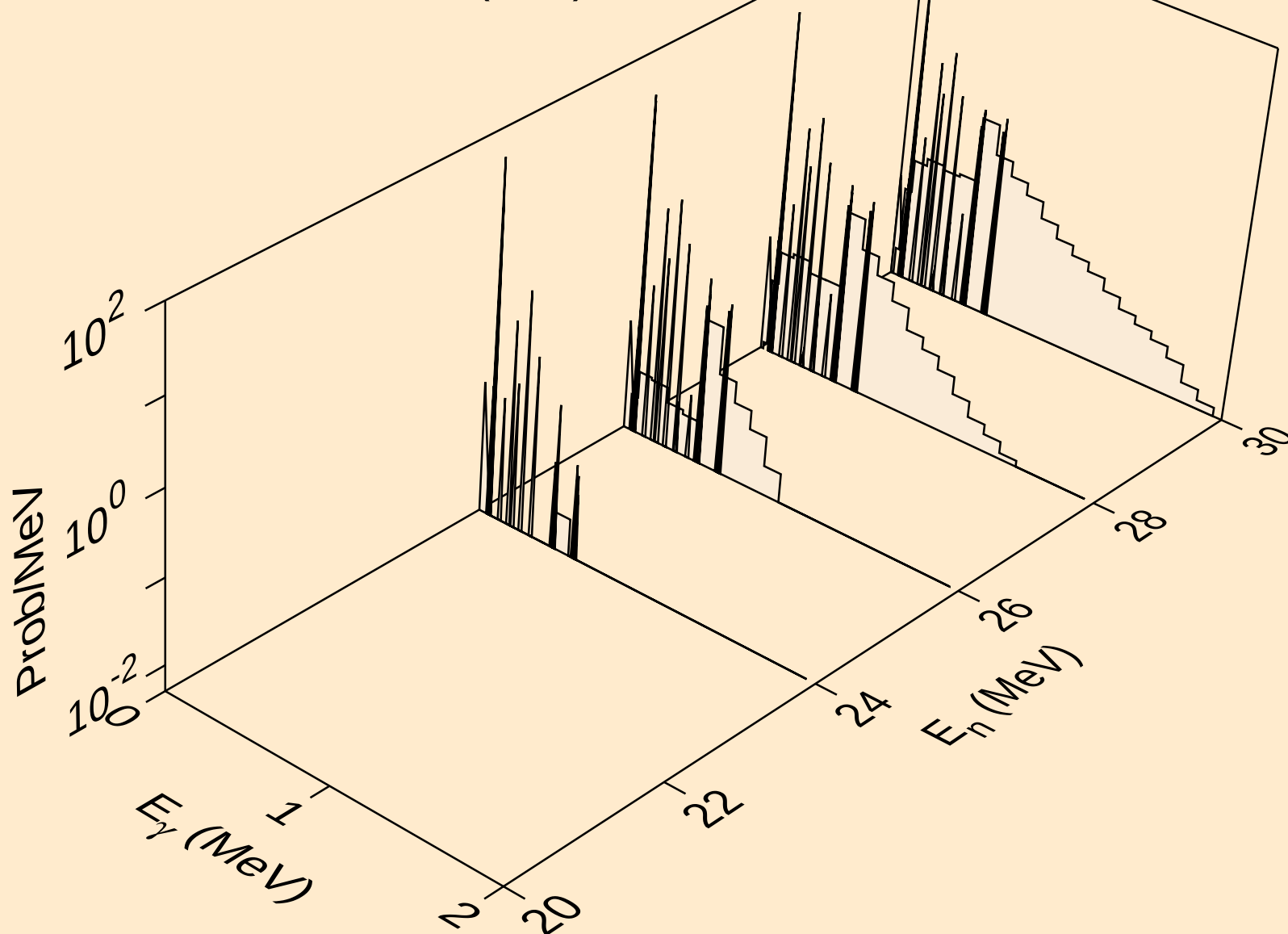
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



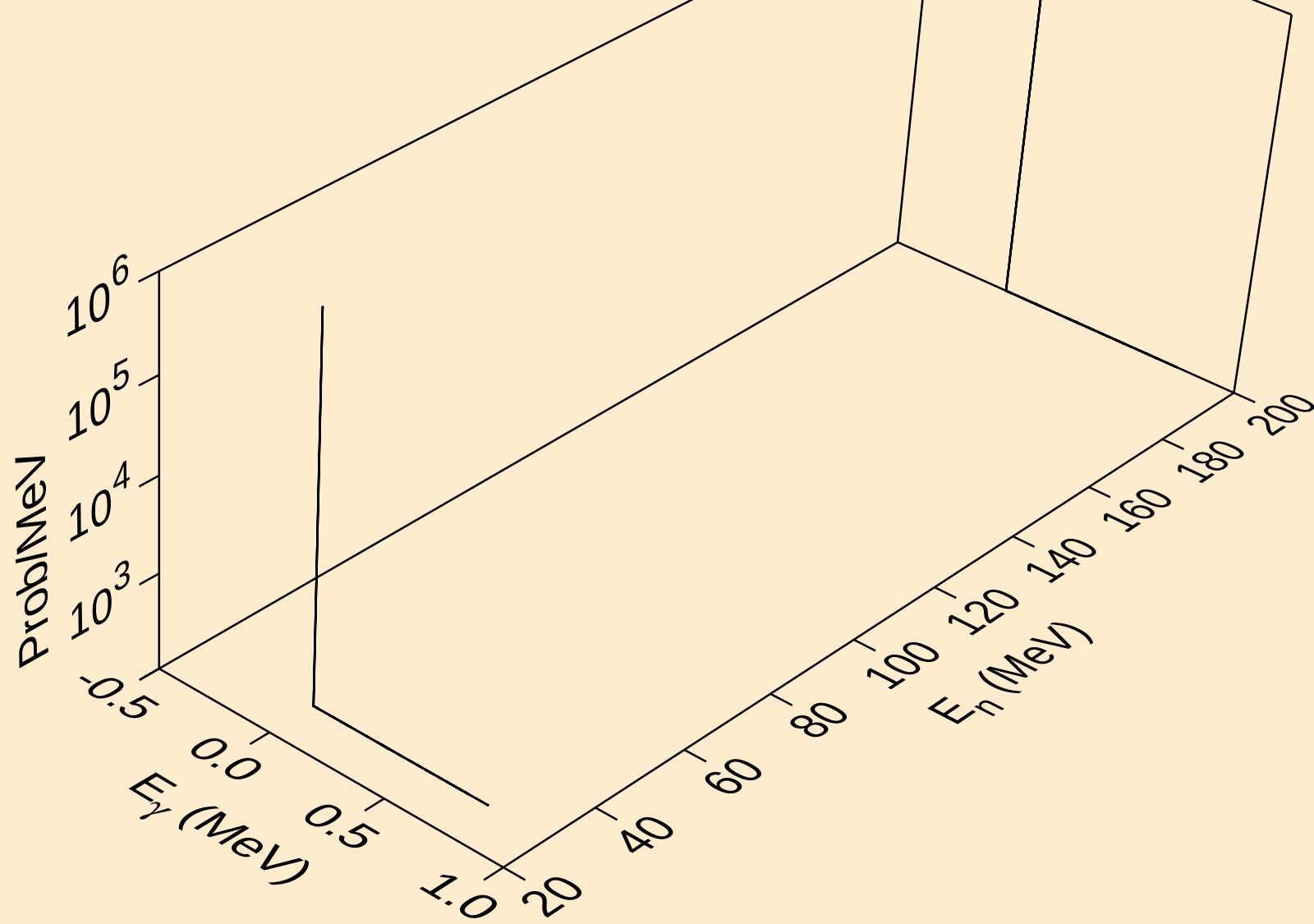
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



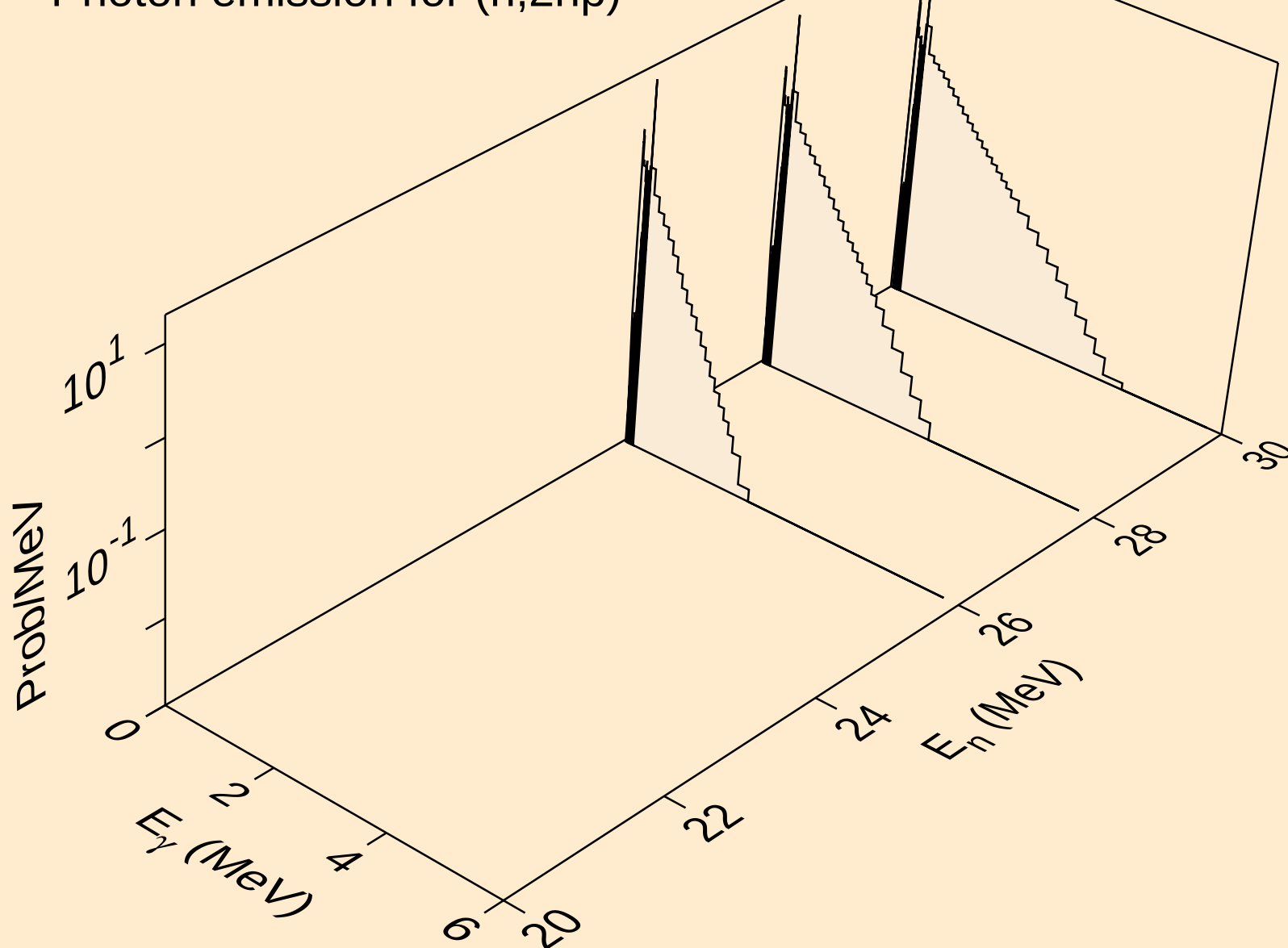
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



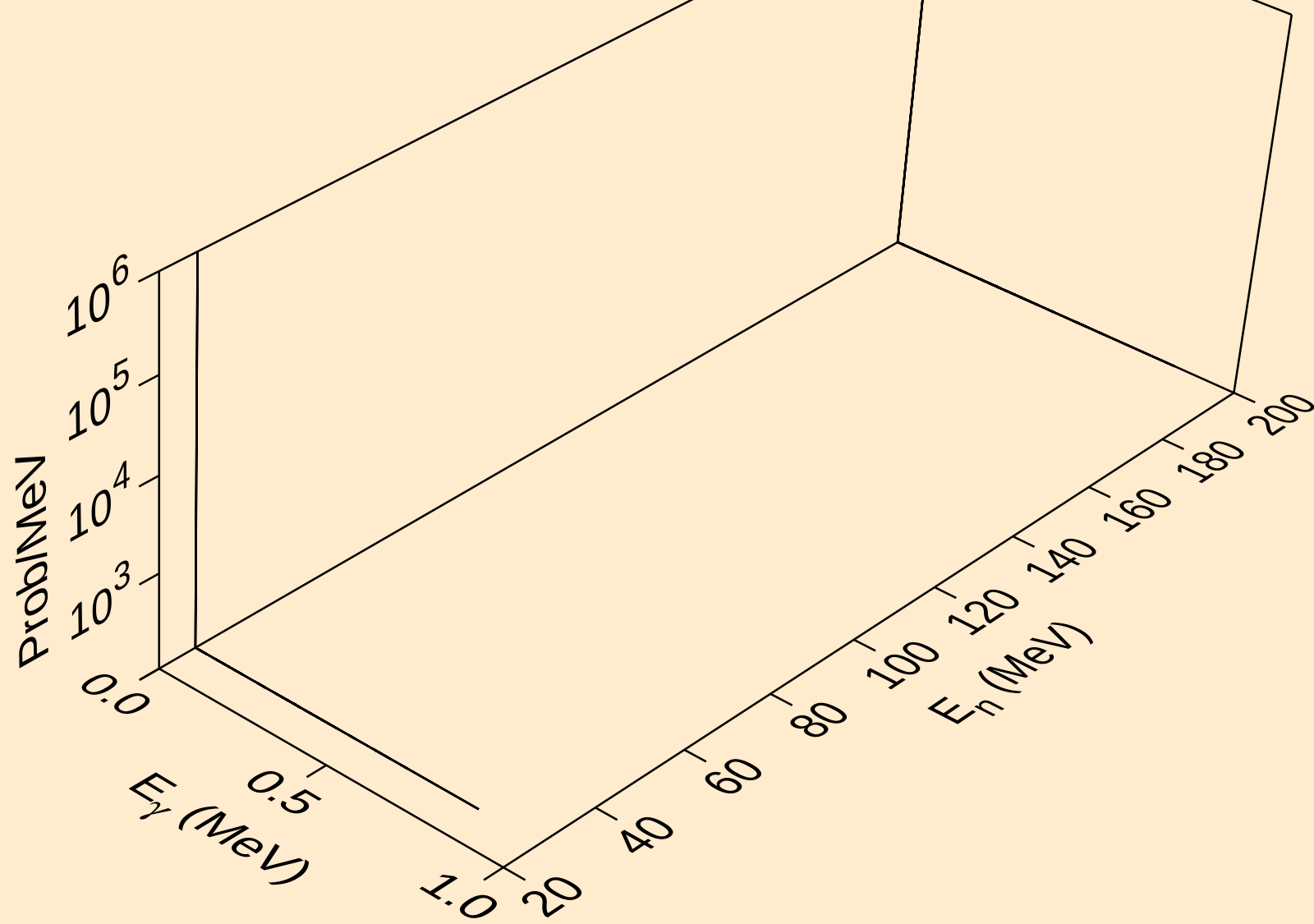
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



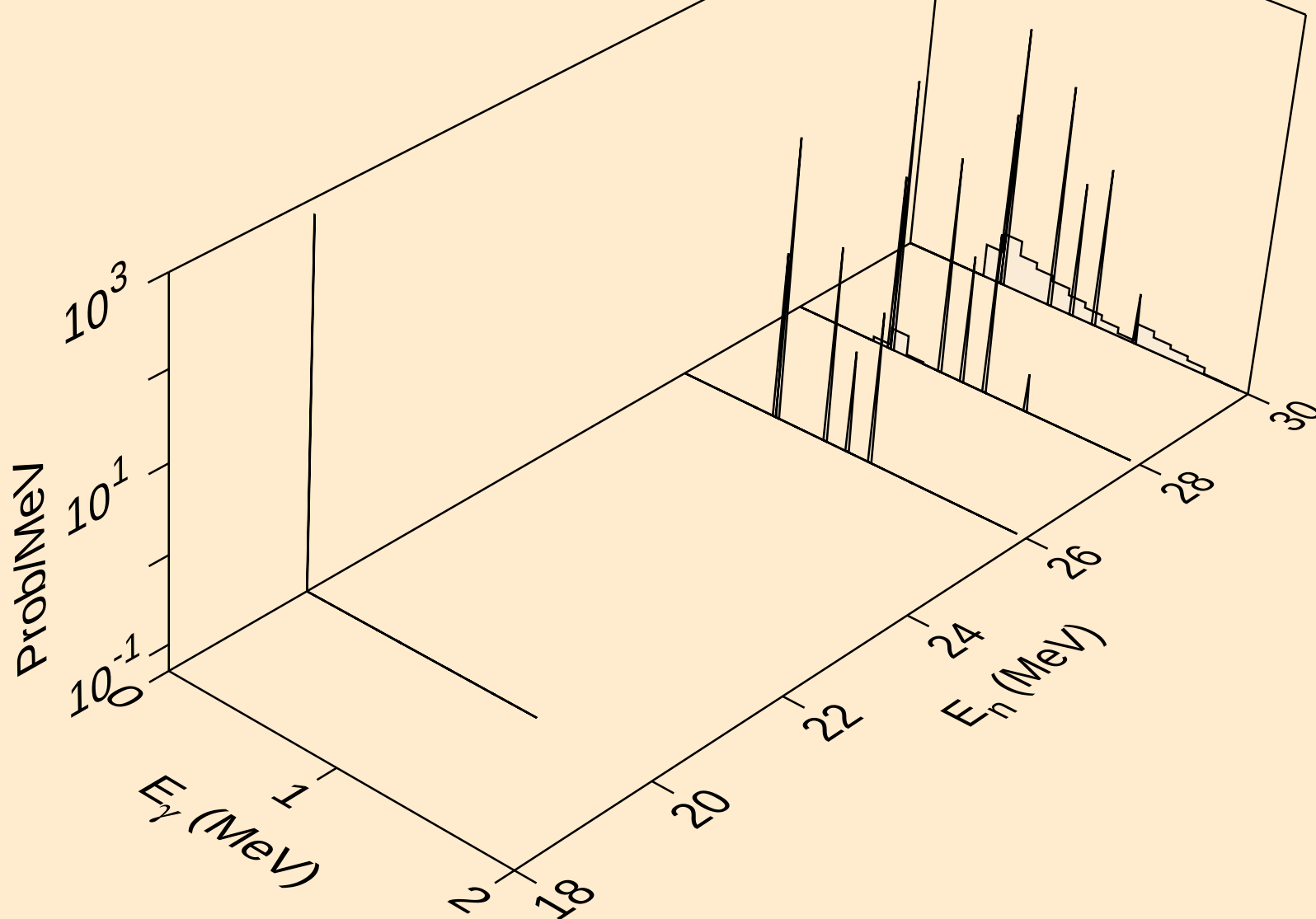
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



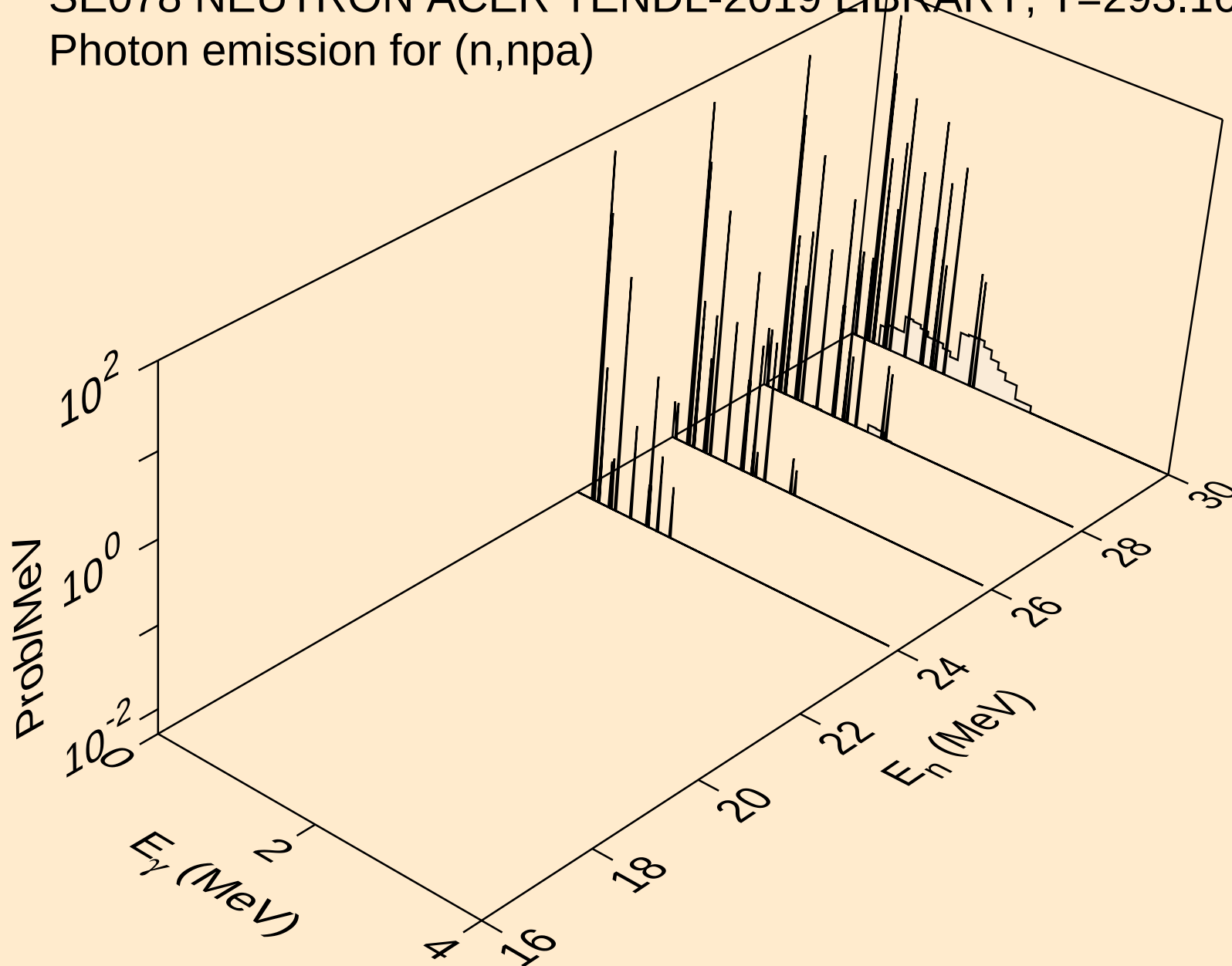
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



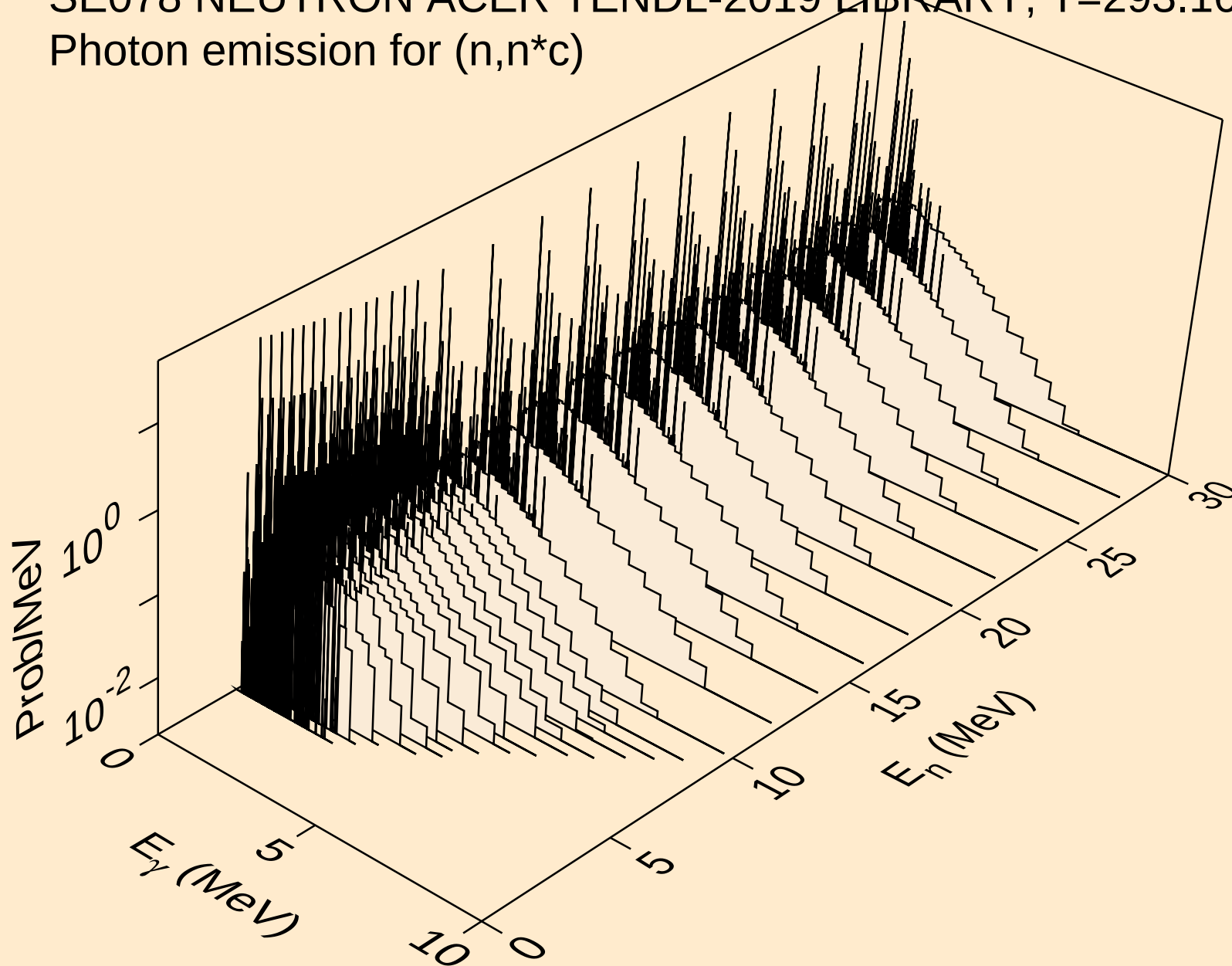
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



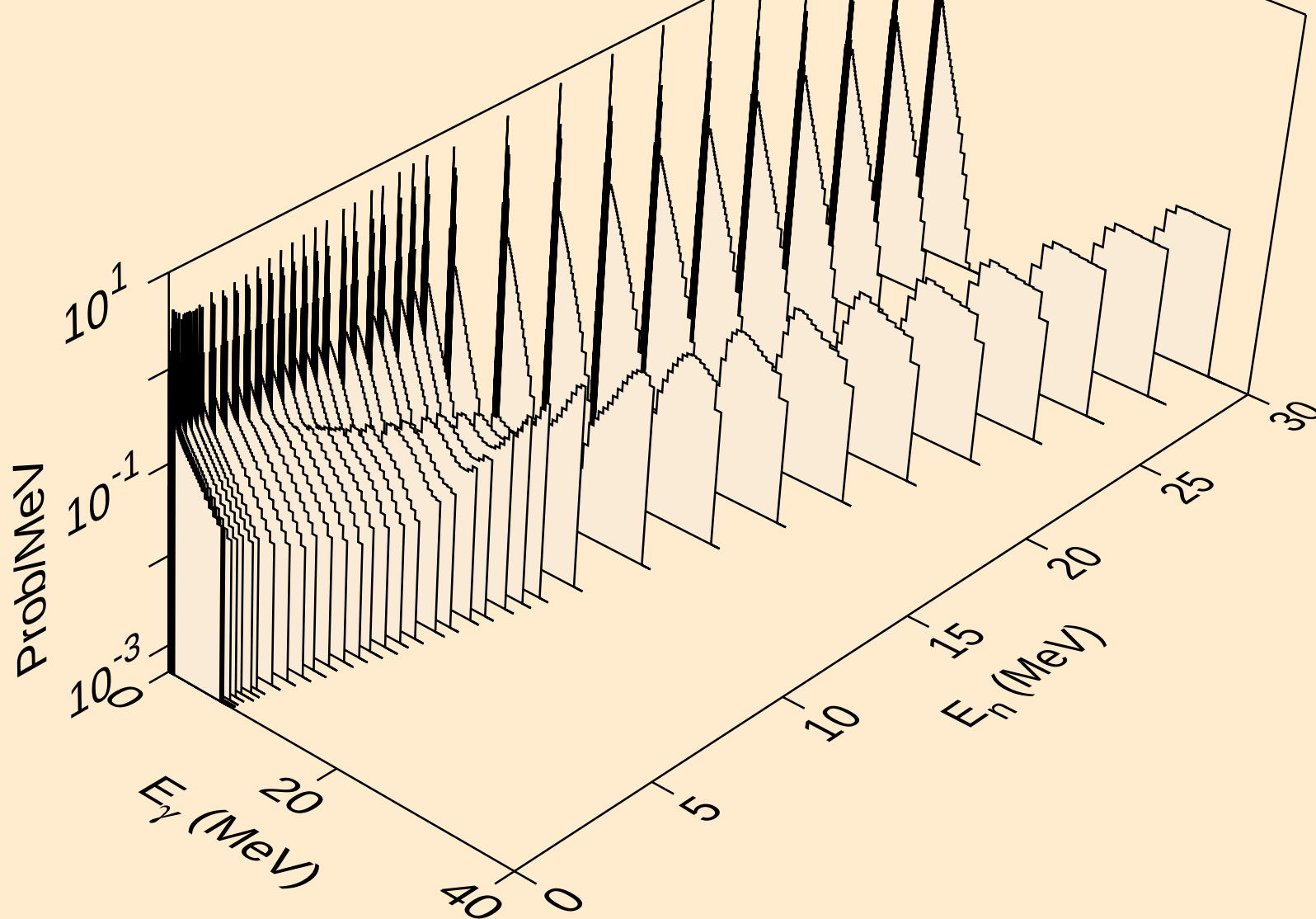
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



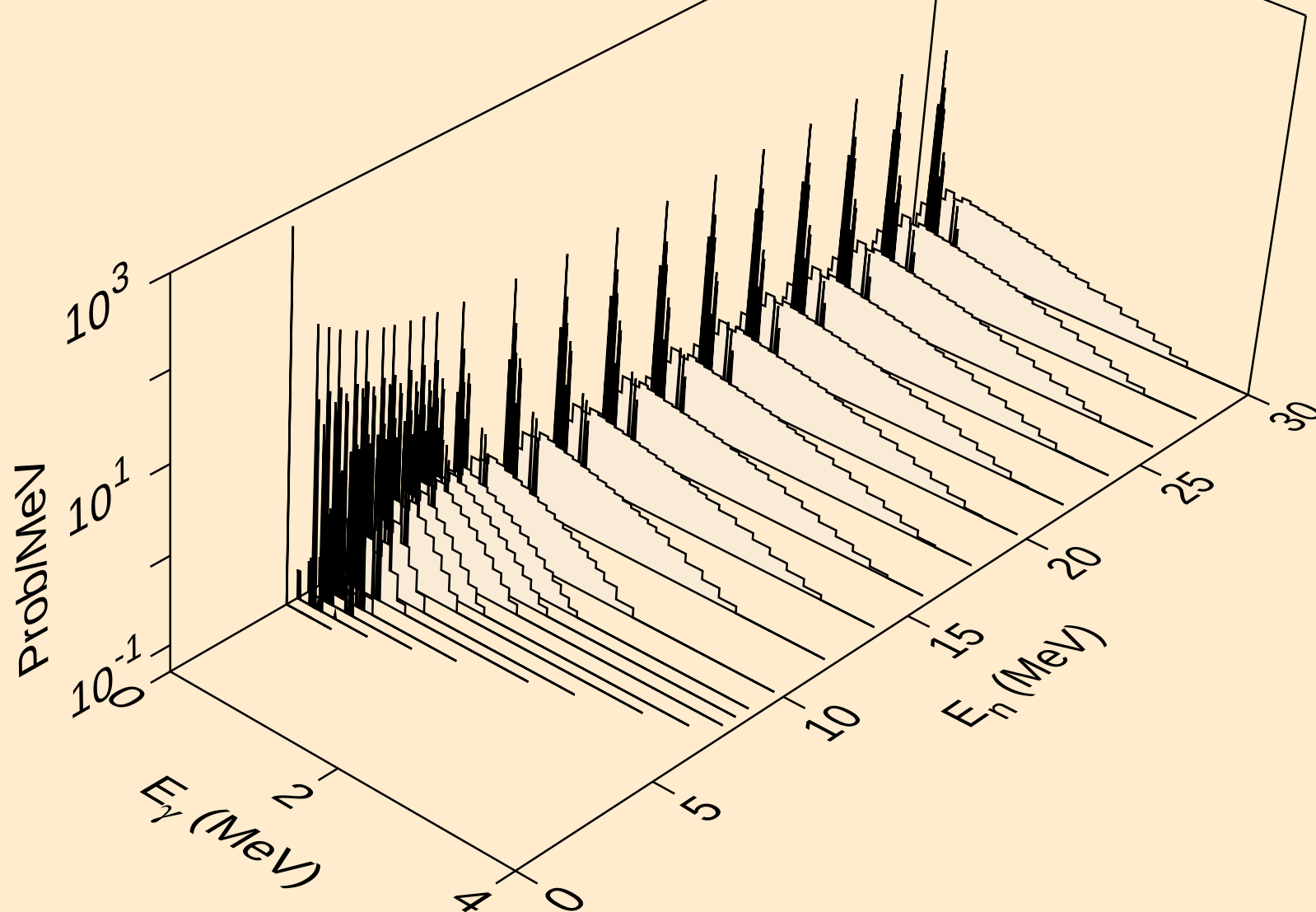
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



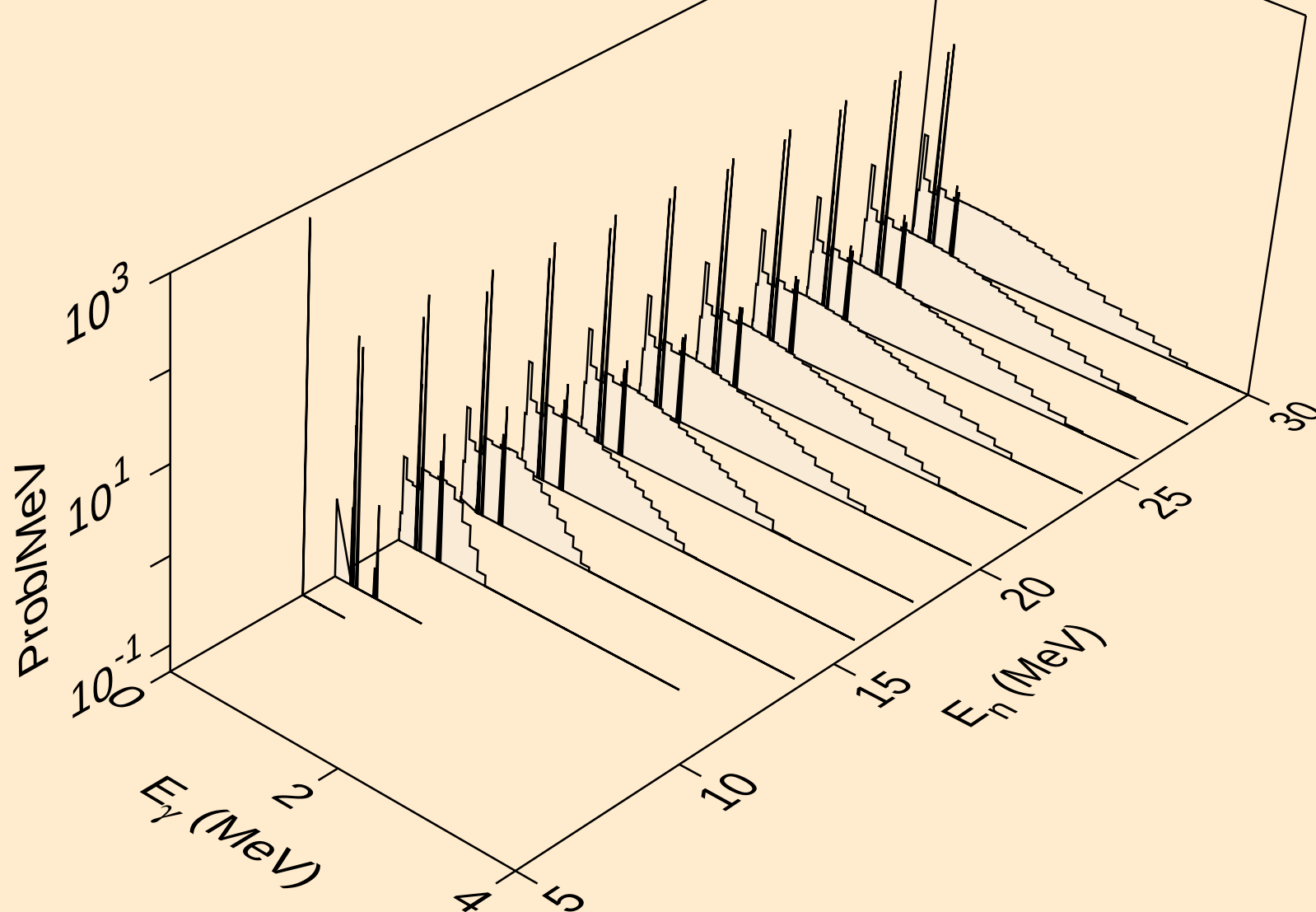
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



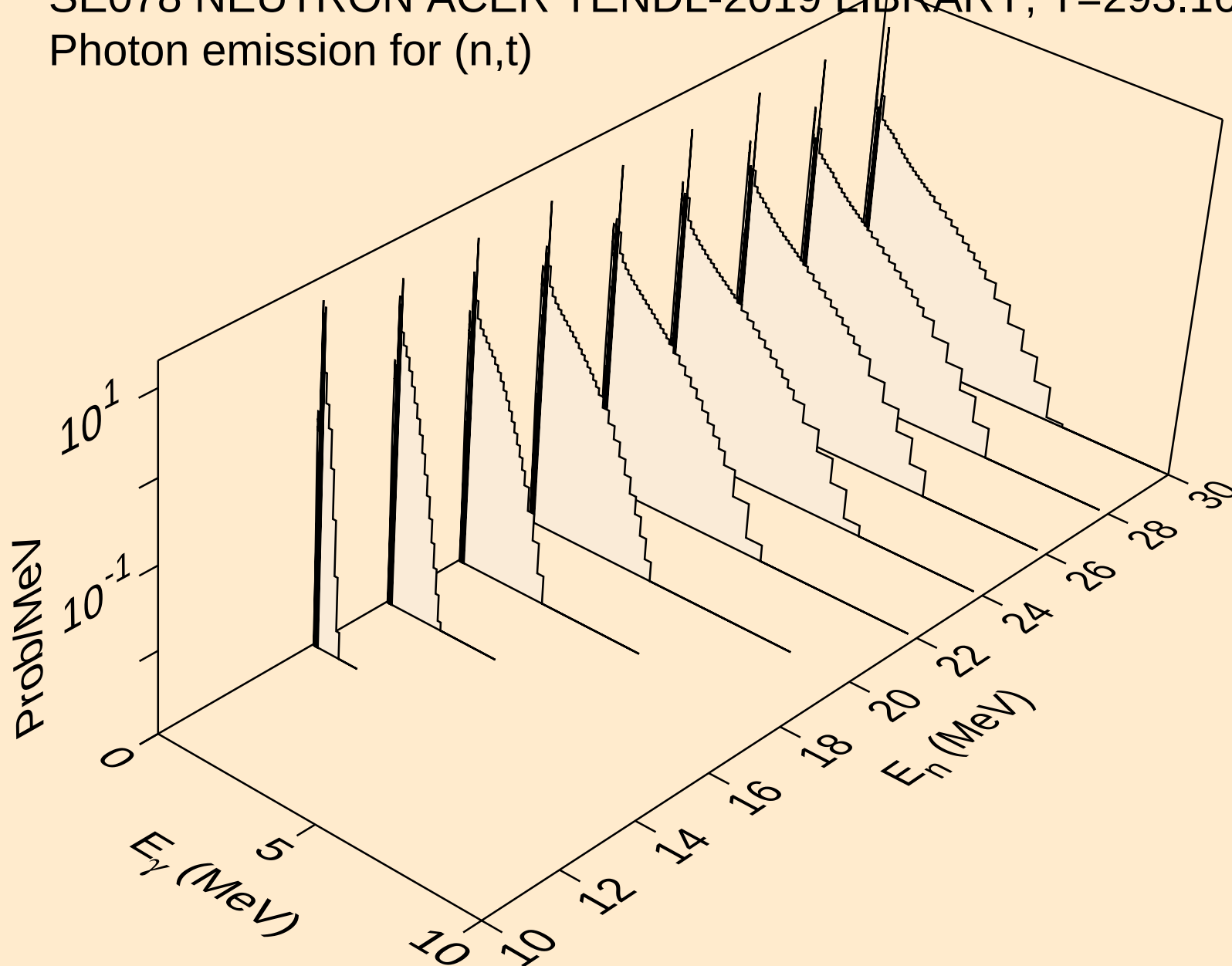
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



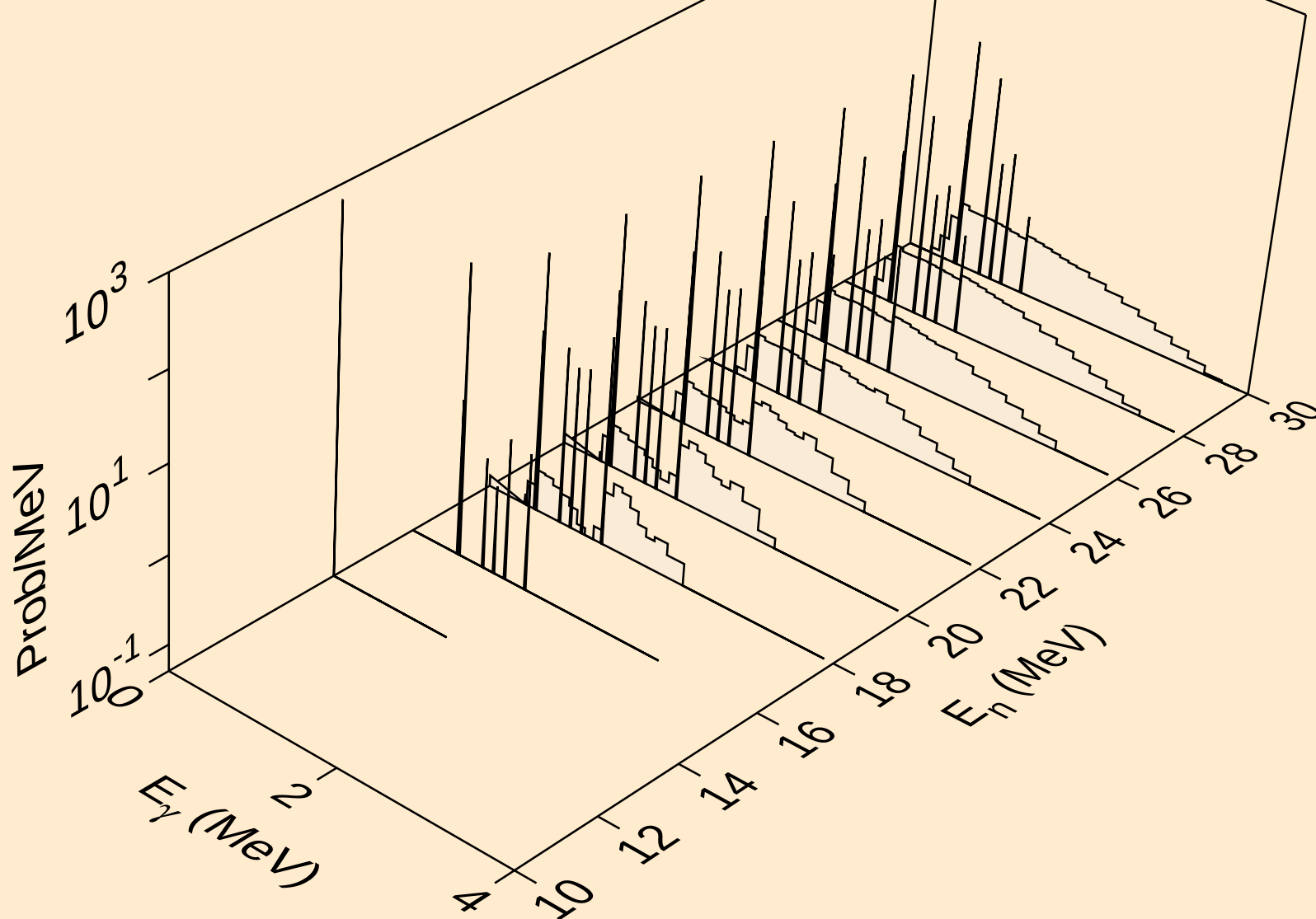
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



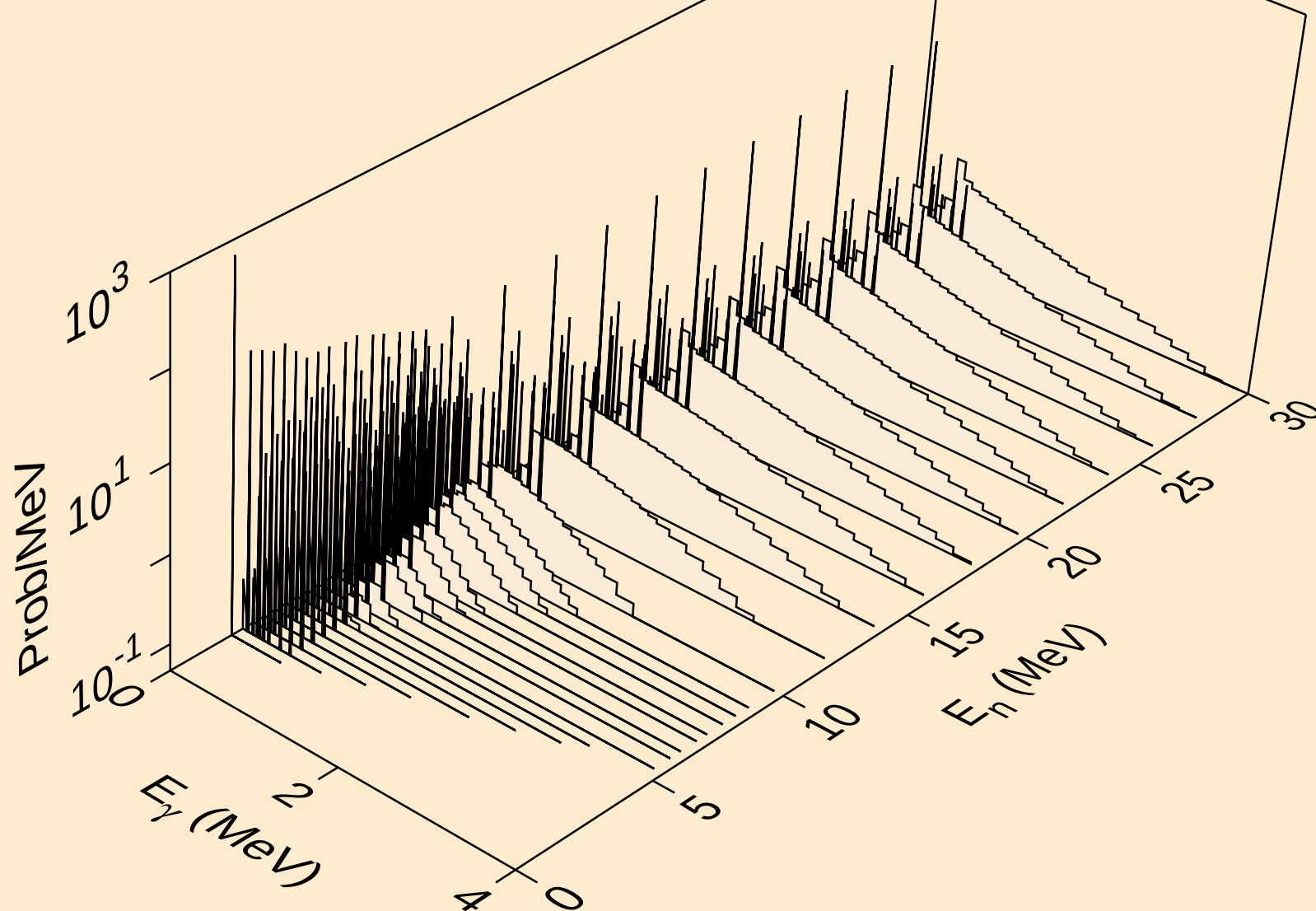
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



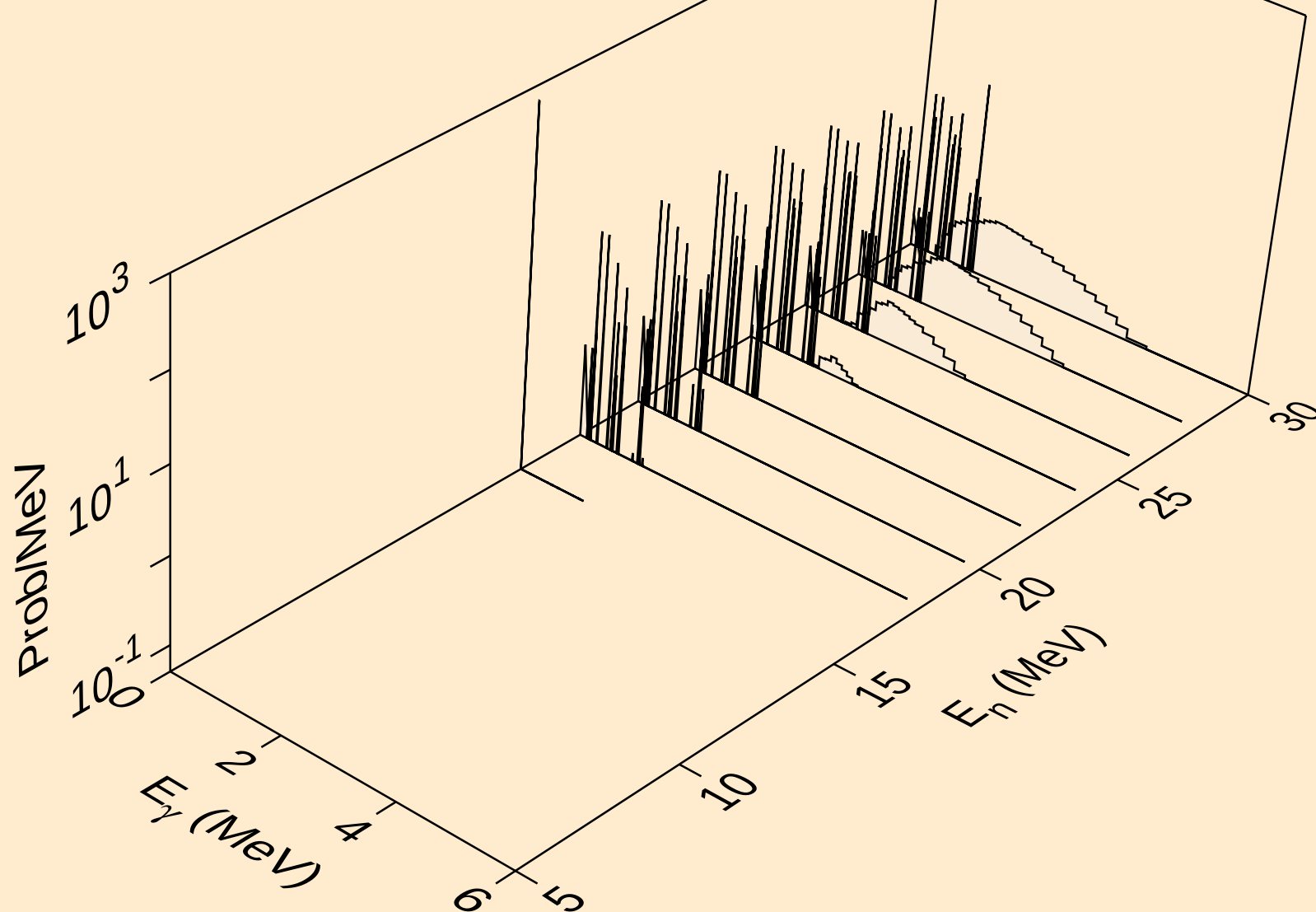
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



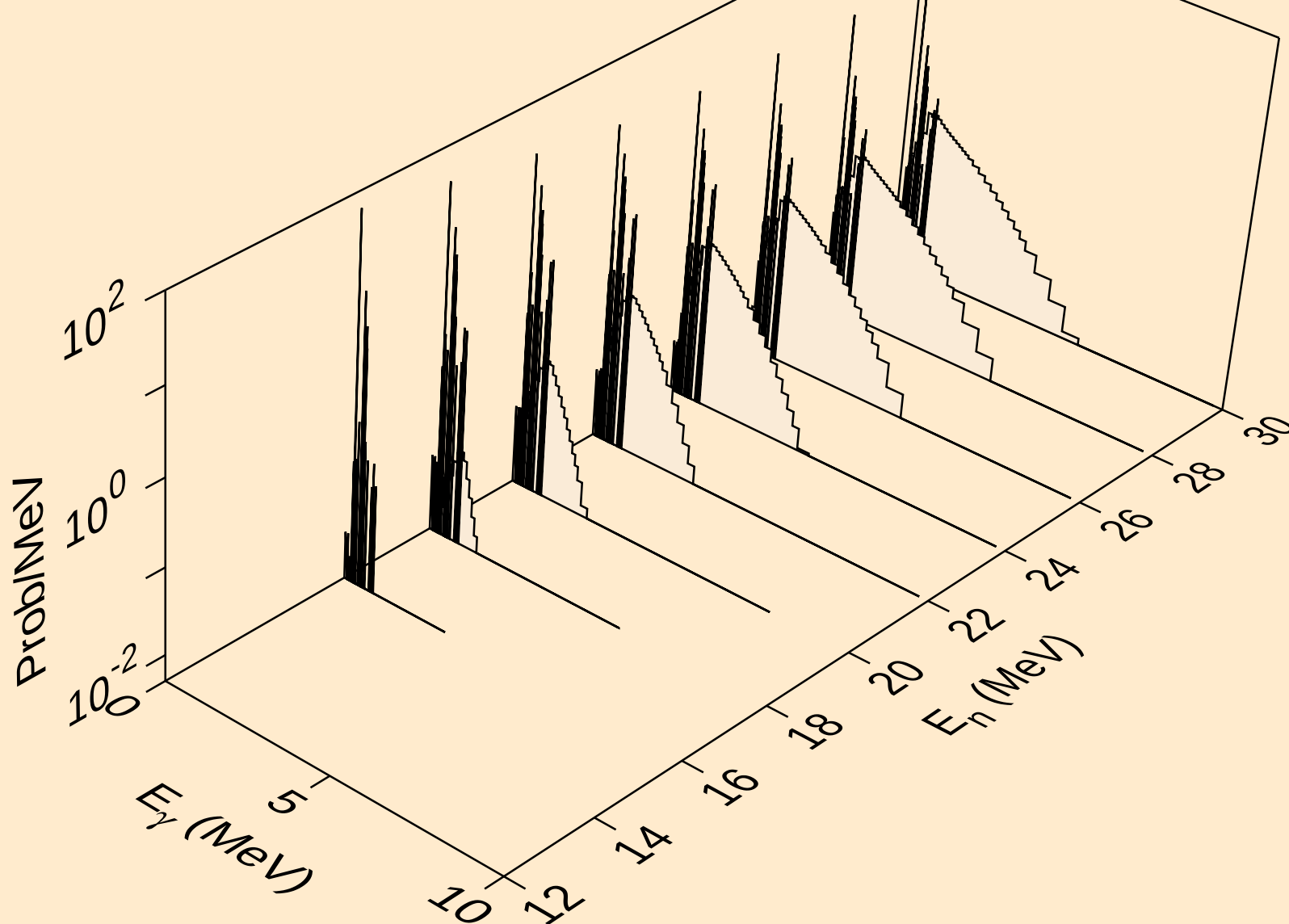
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



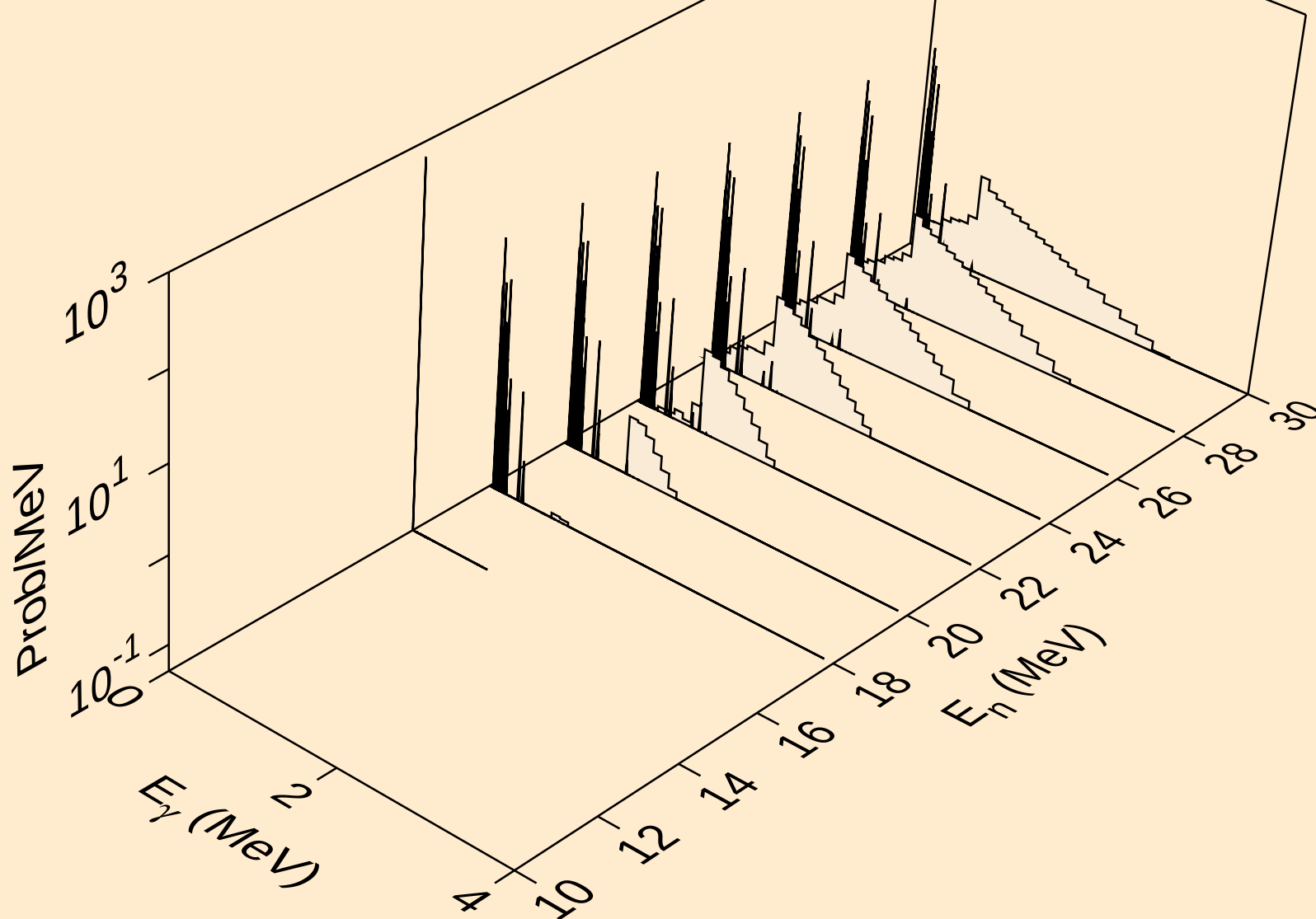
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



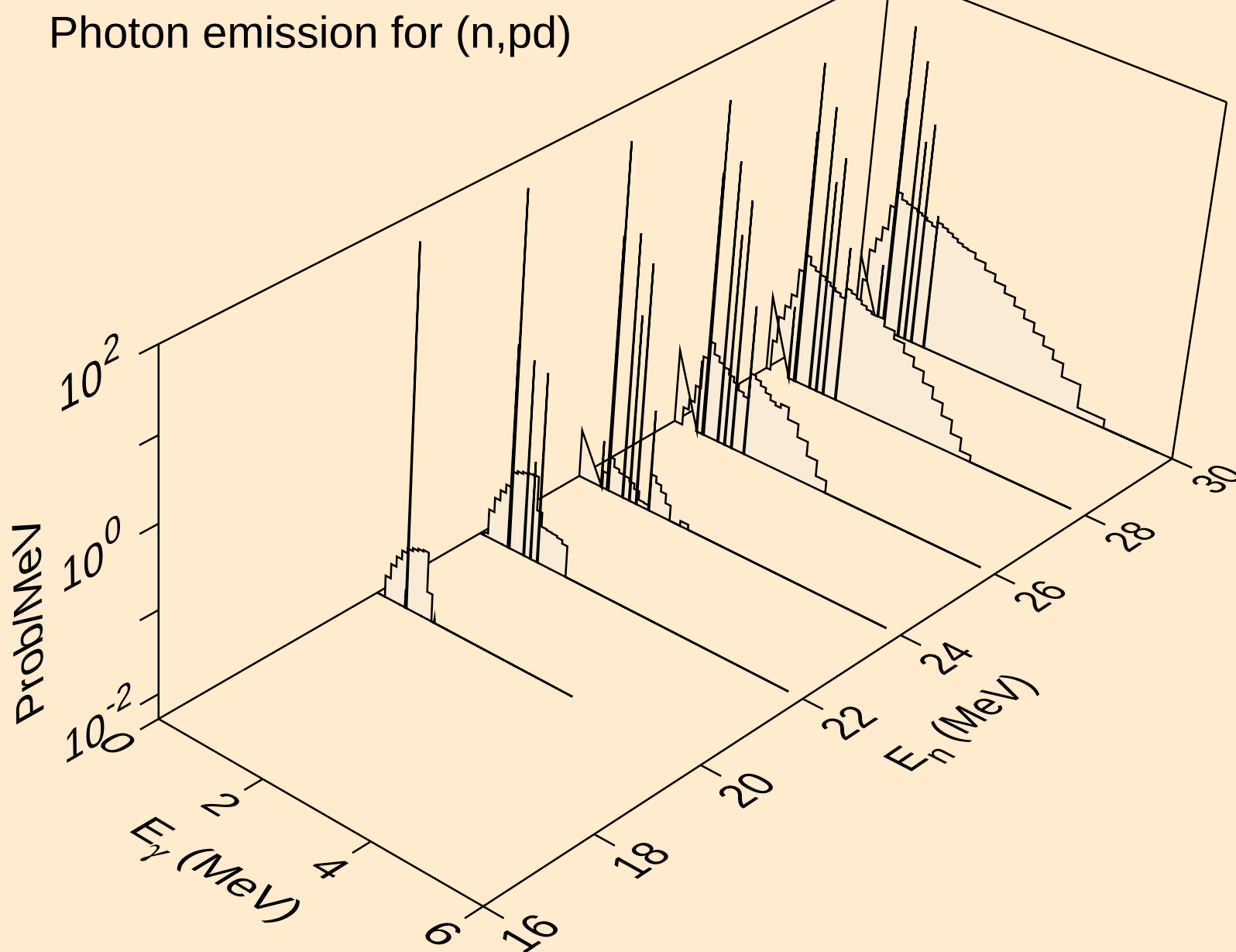
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



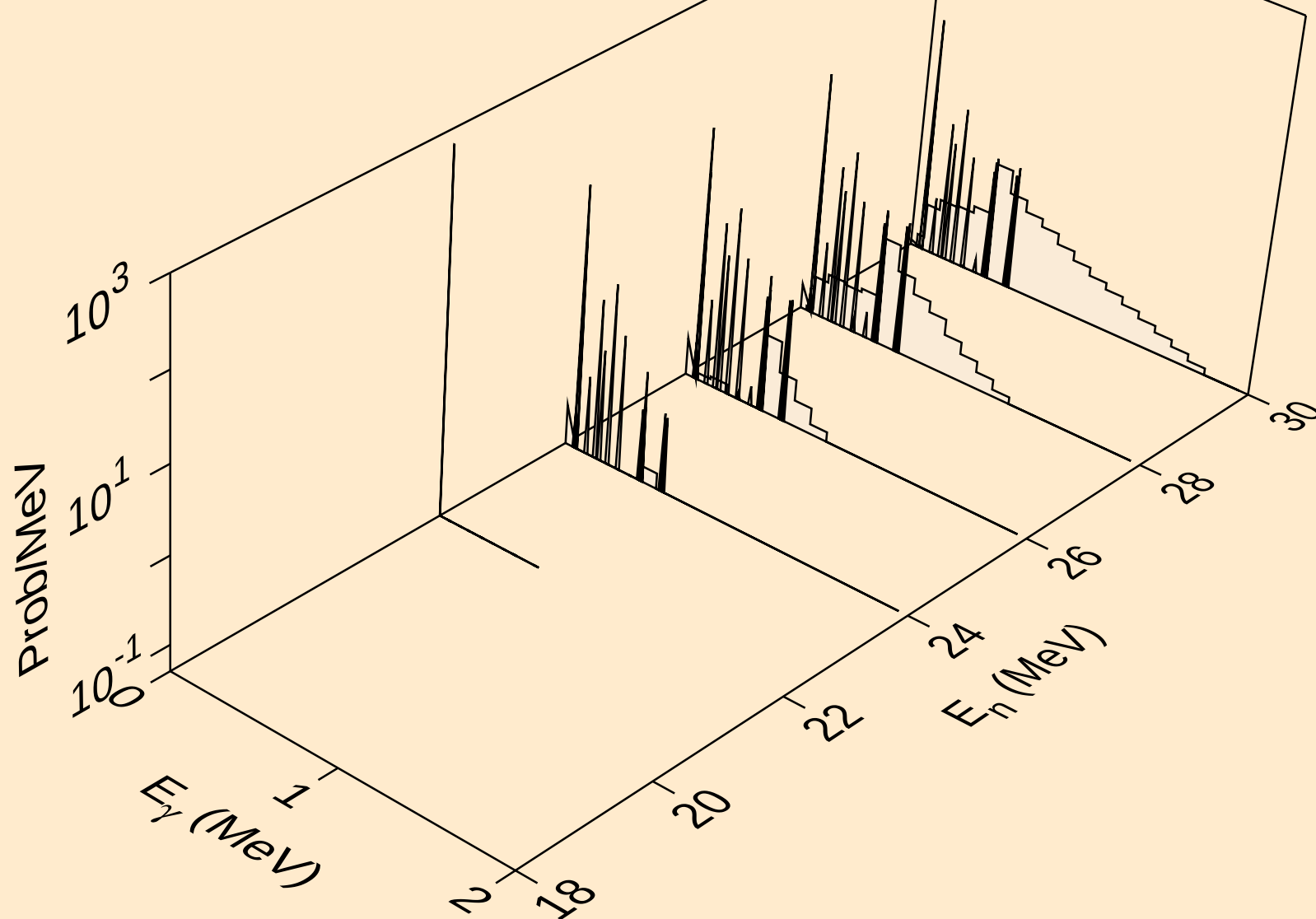
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



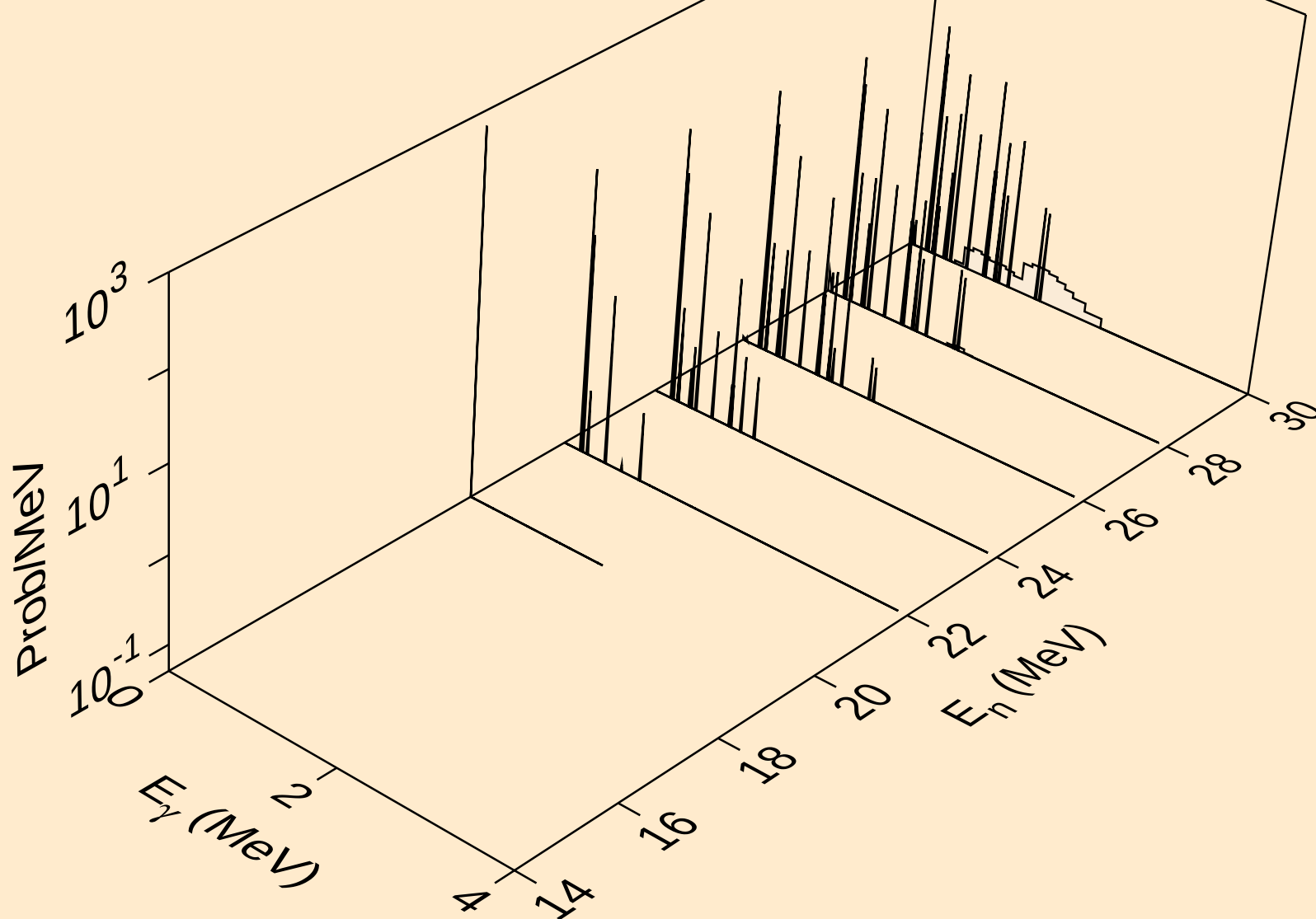
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



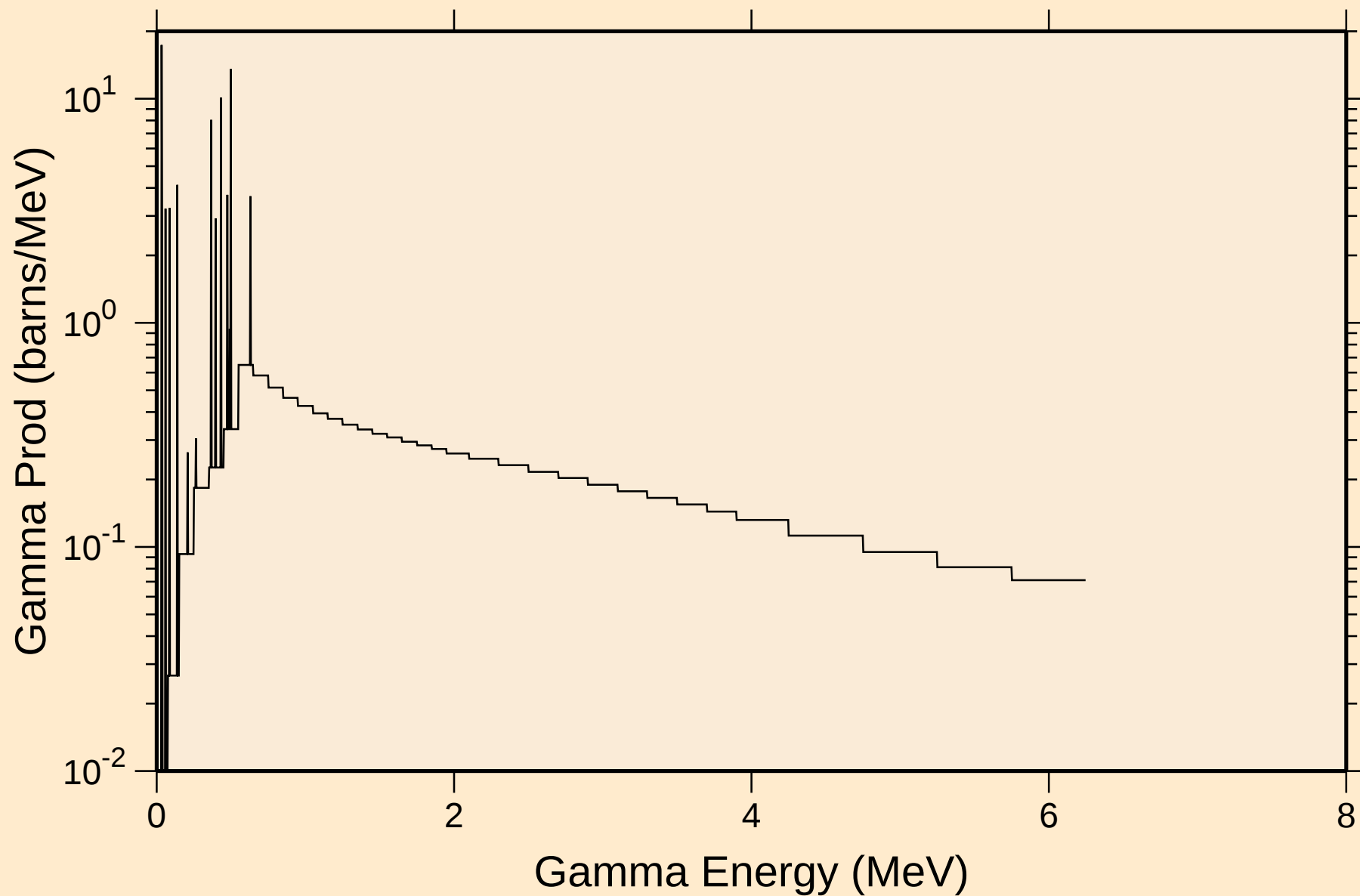
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



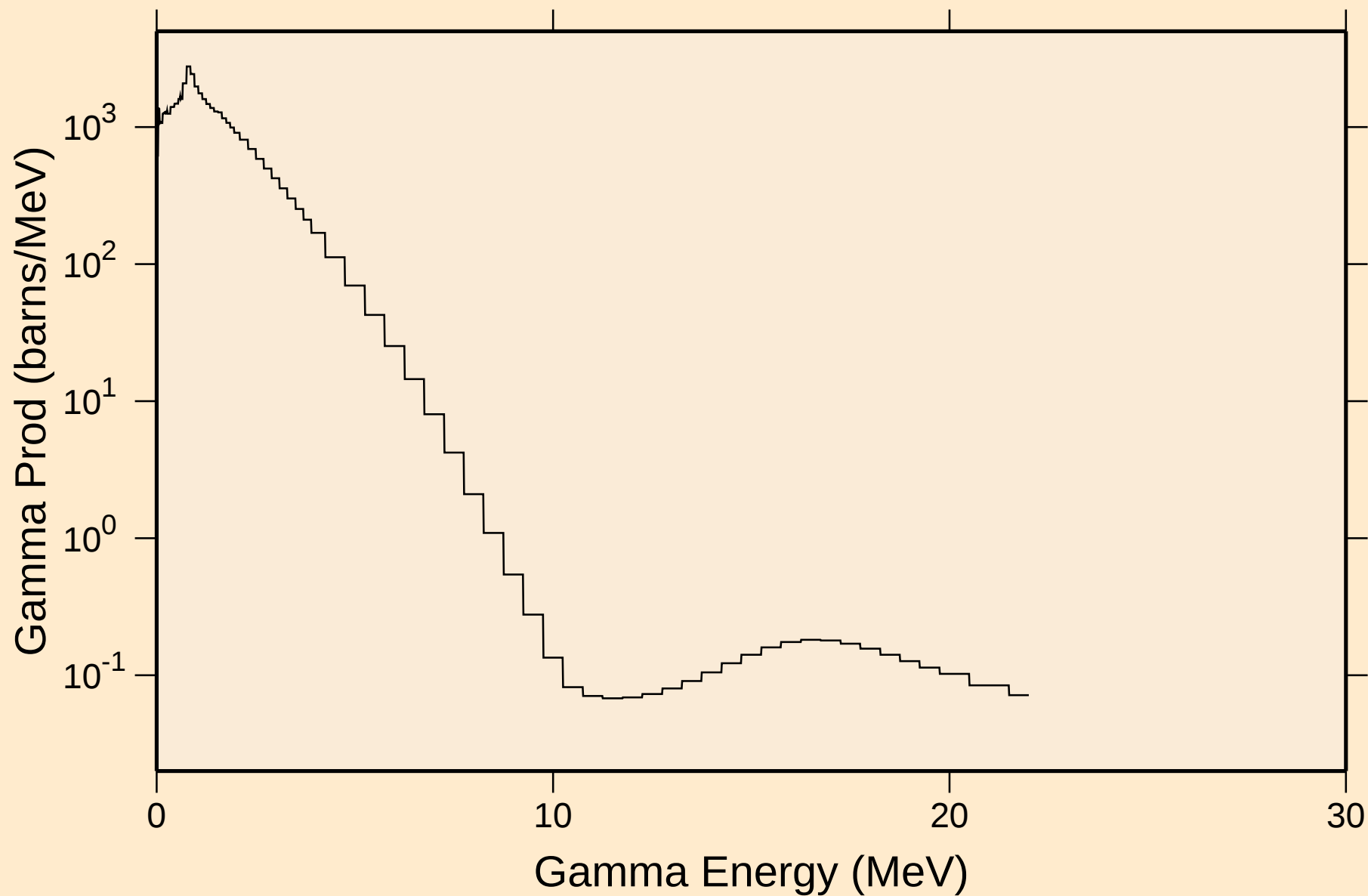
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



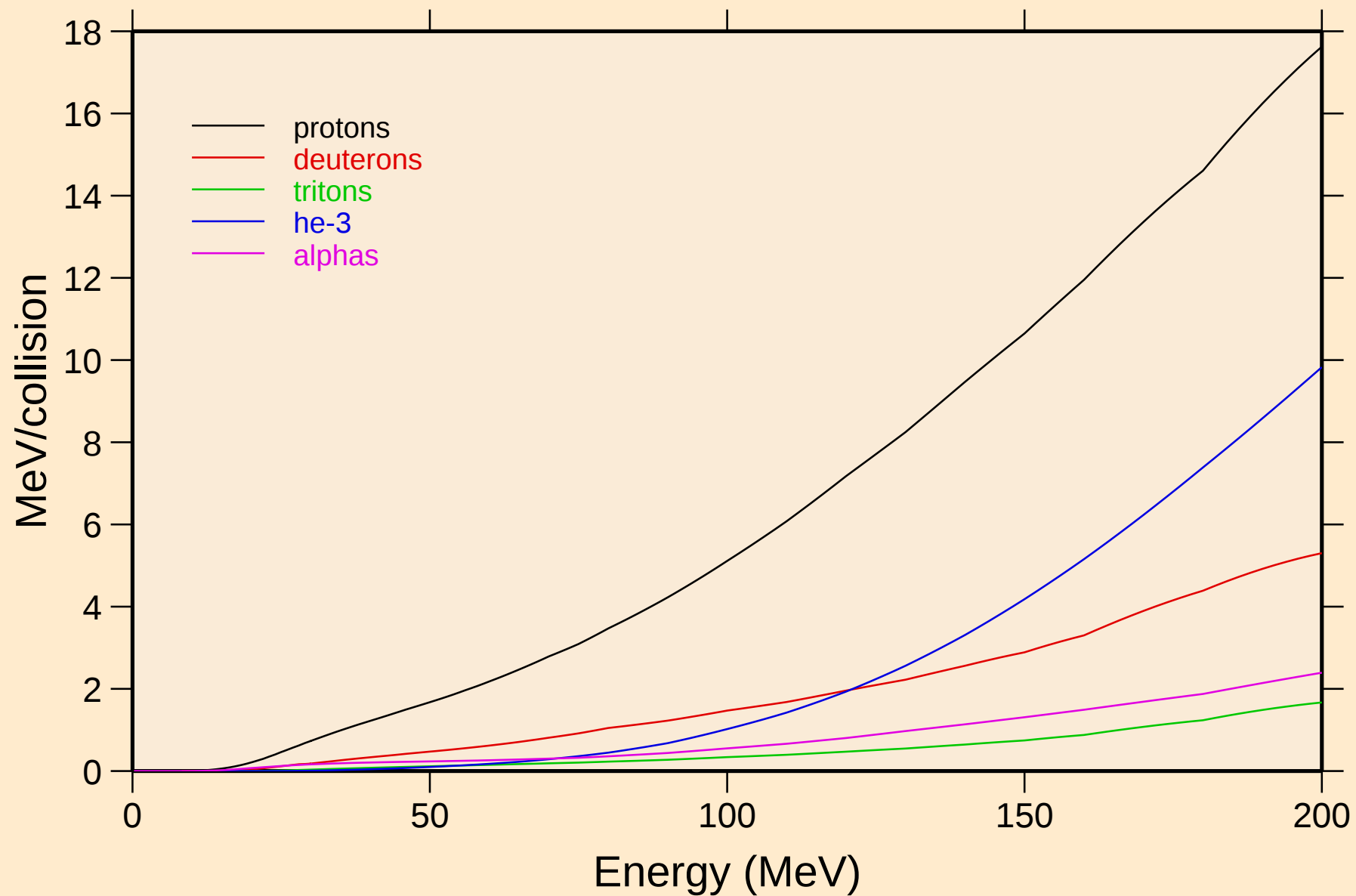
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



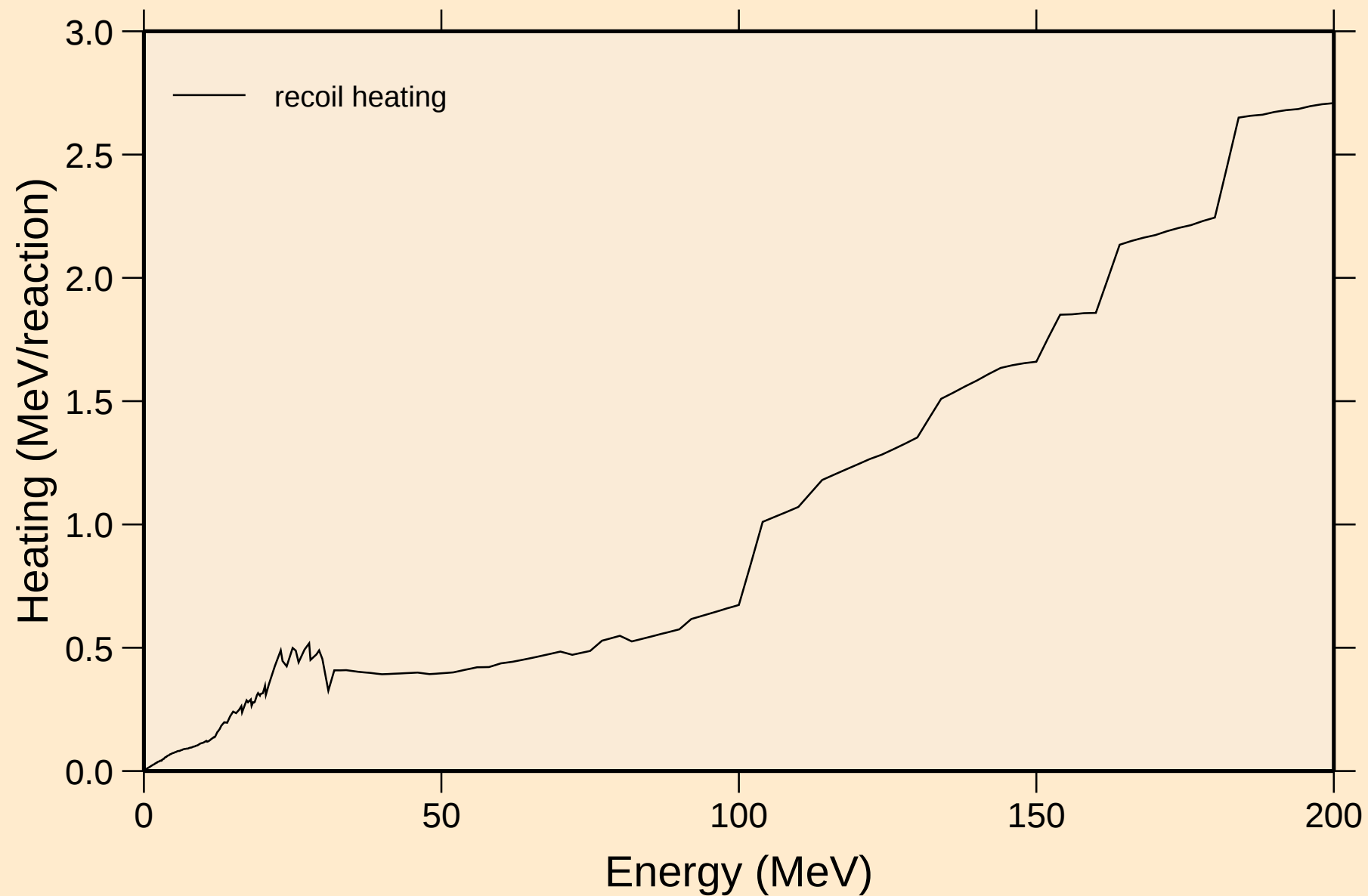
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions

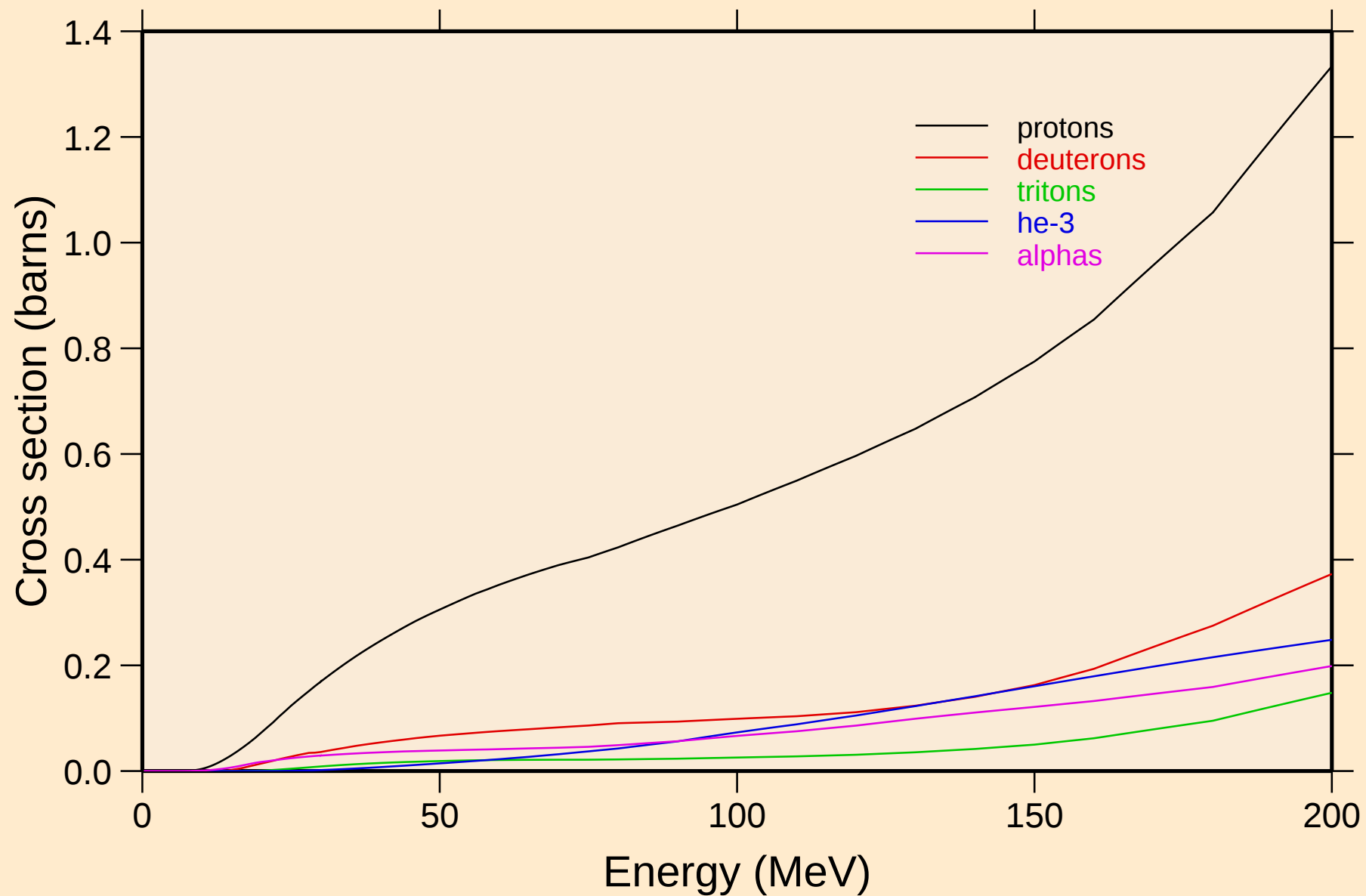


SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

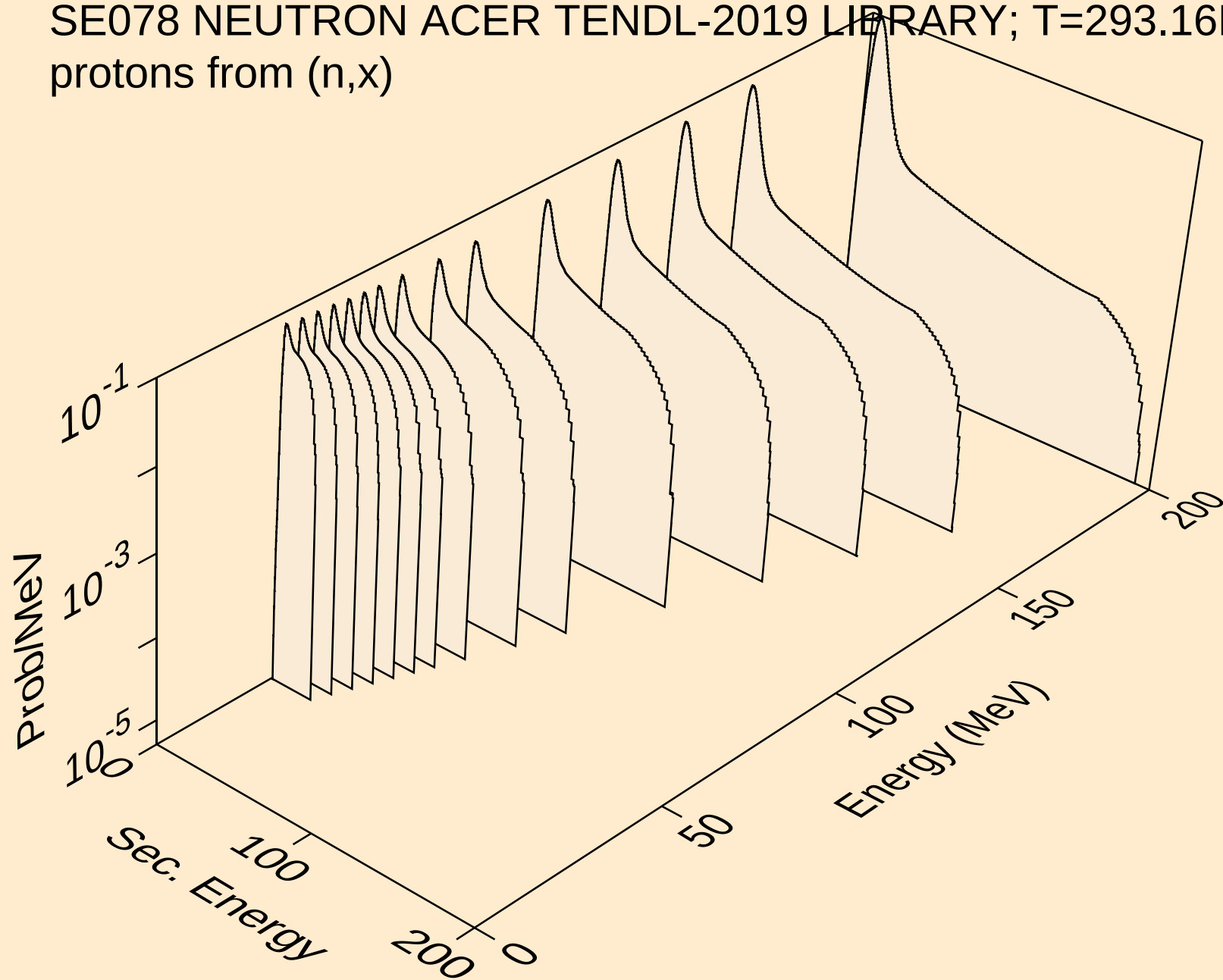


SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

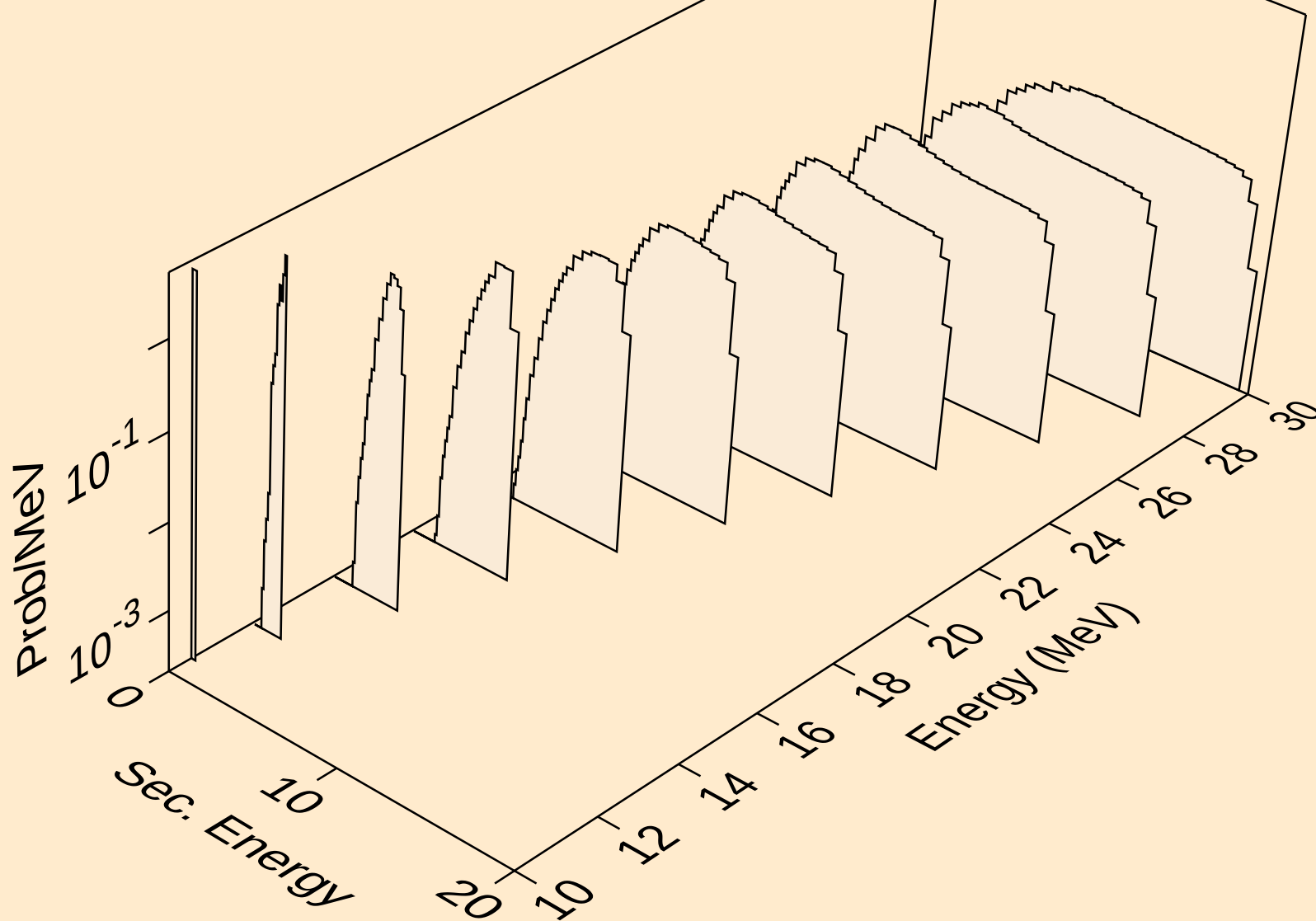
Particle production cross sections



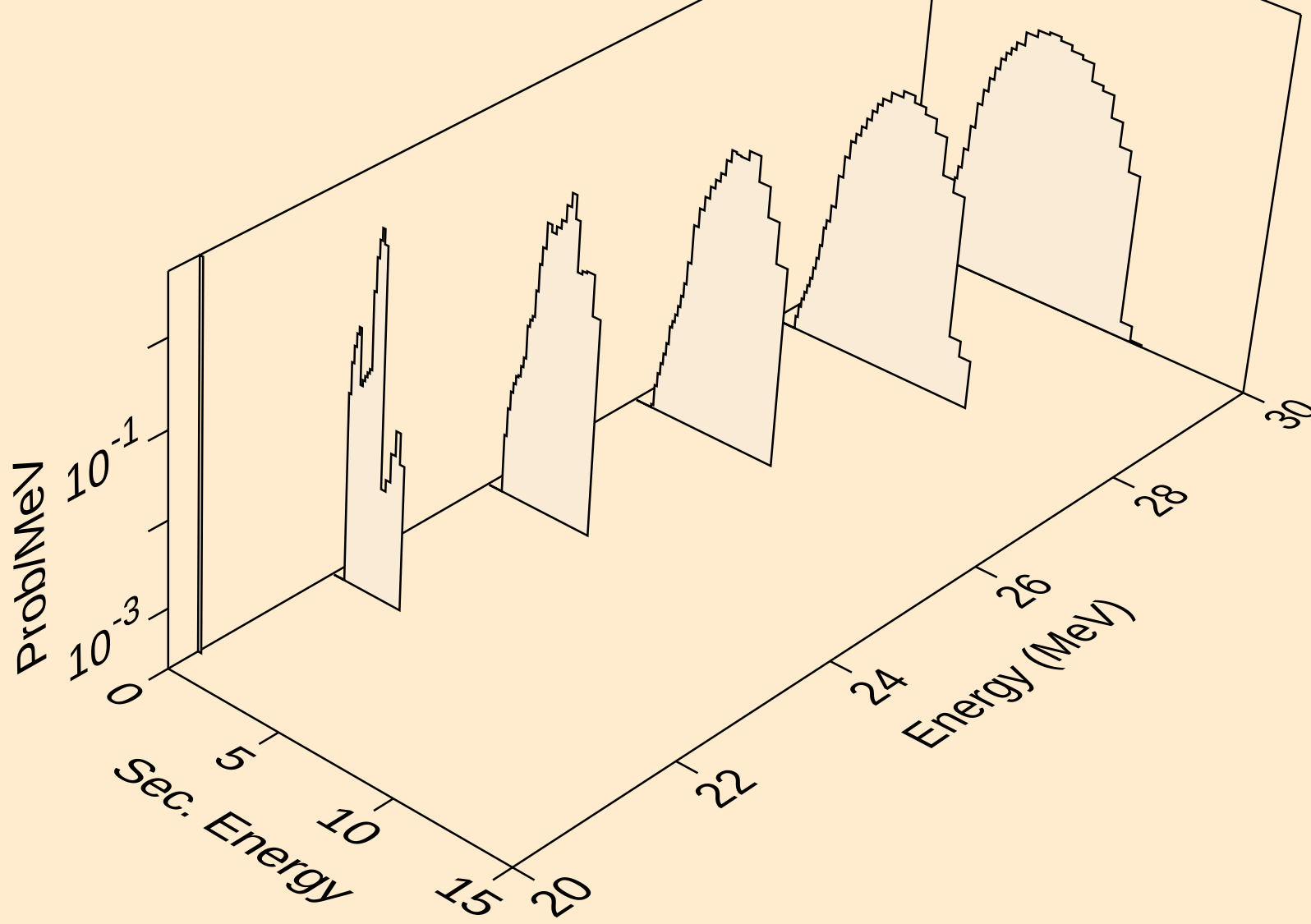
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



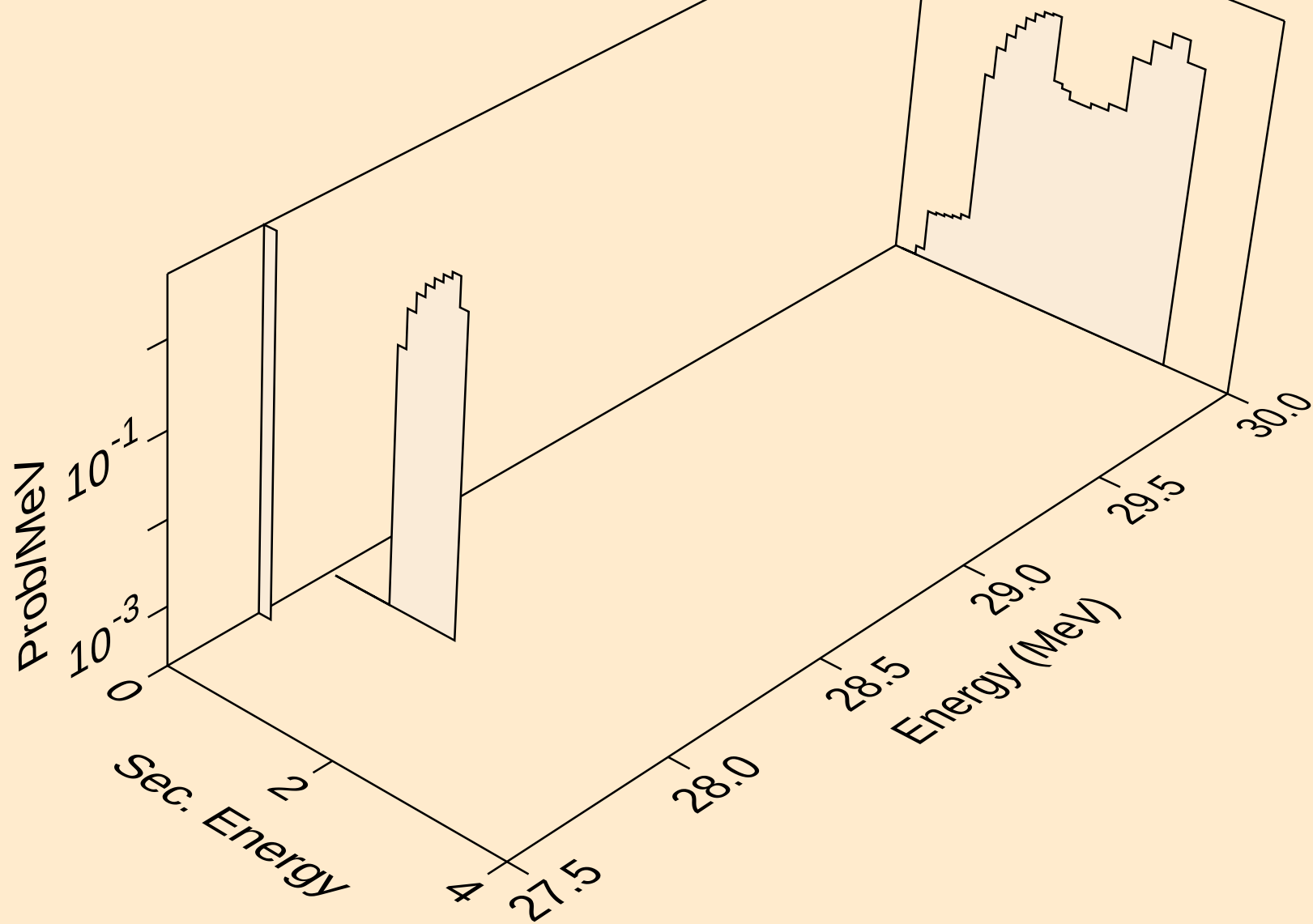
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



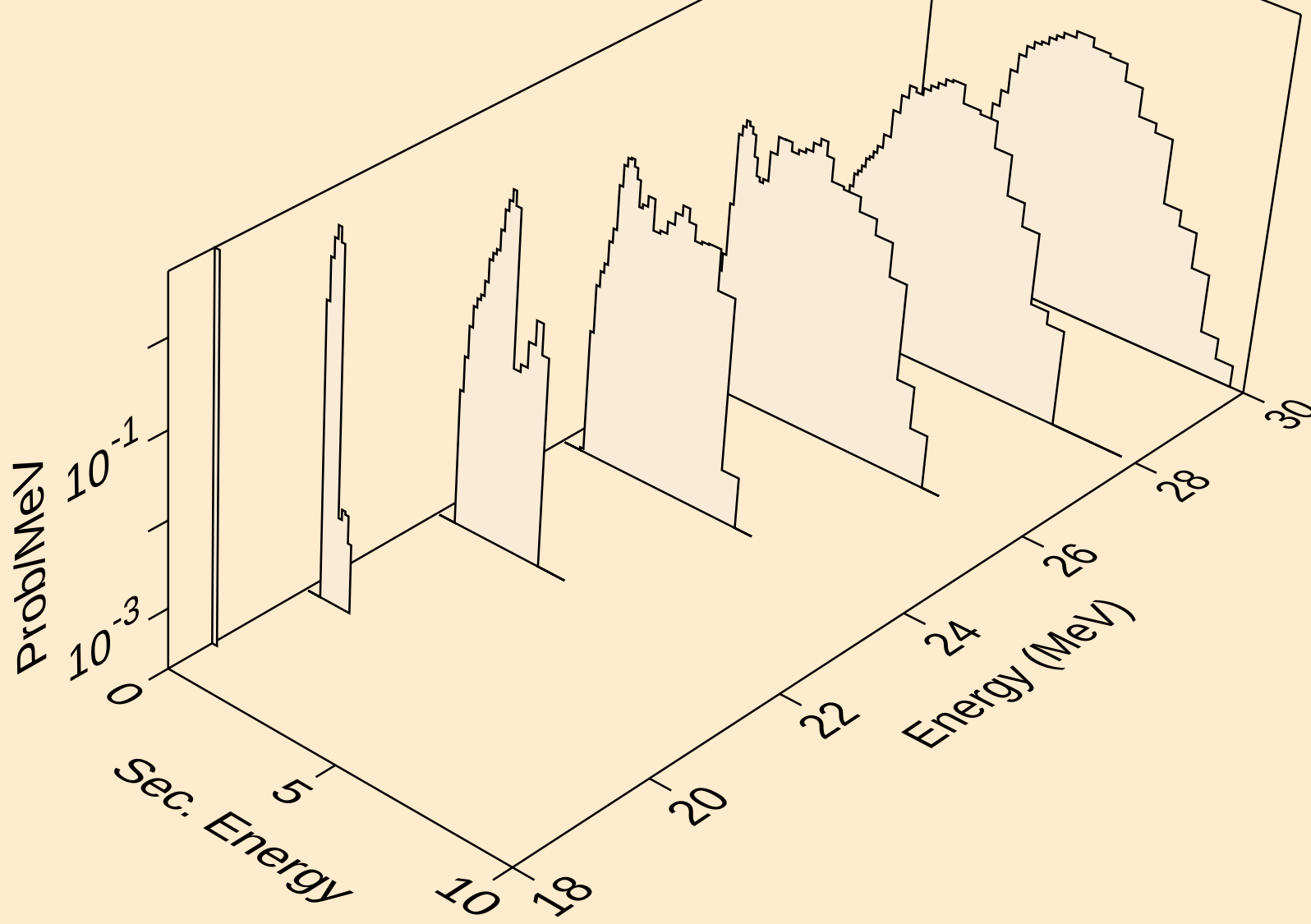
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



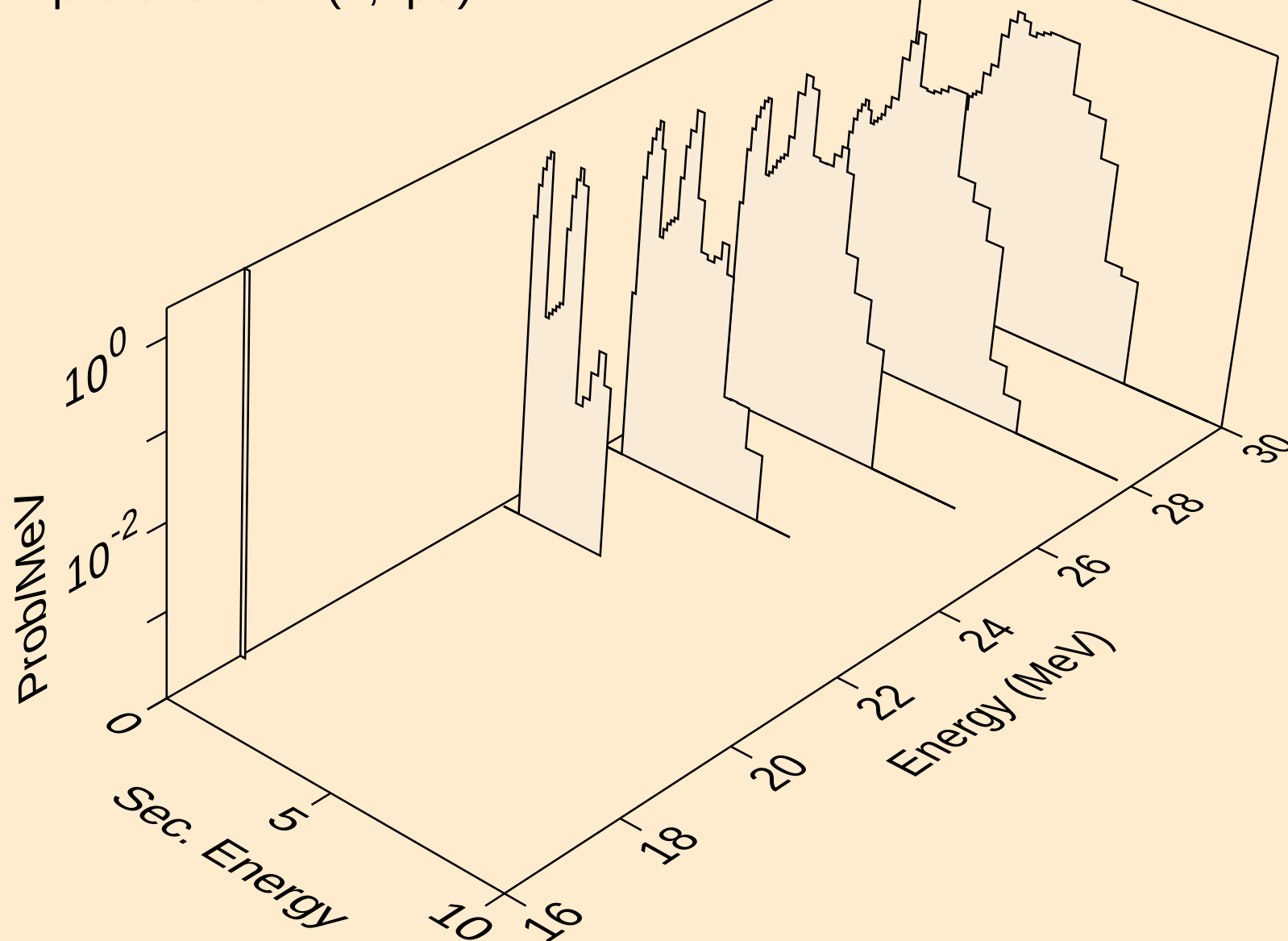
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protons from (n,3np)



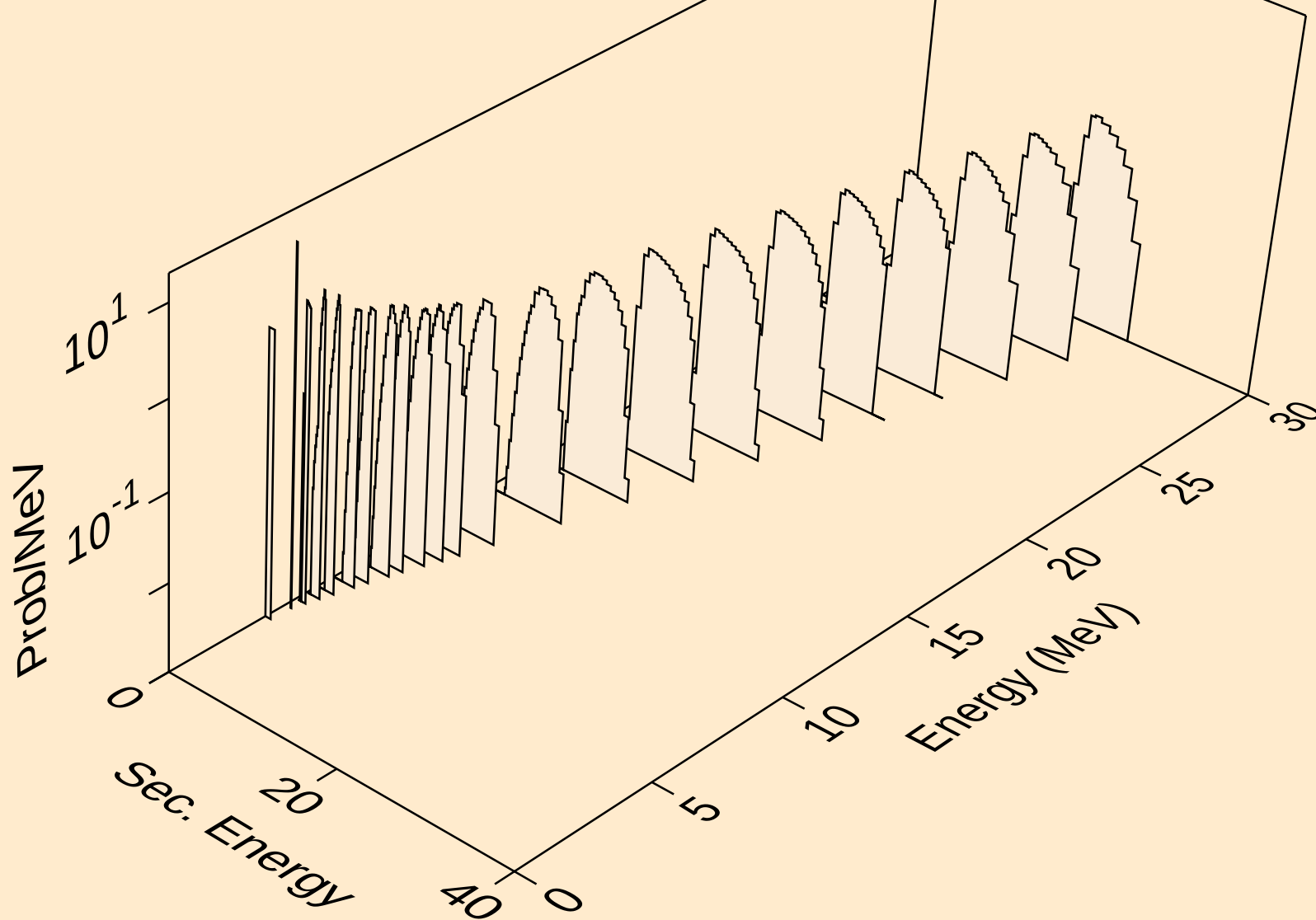
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



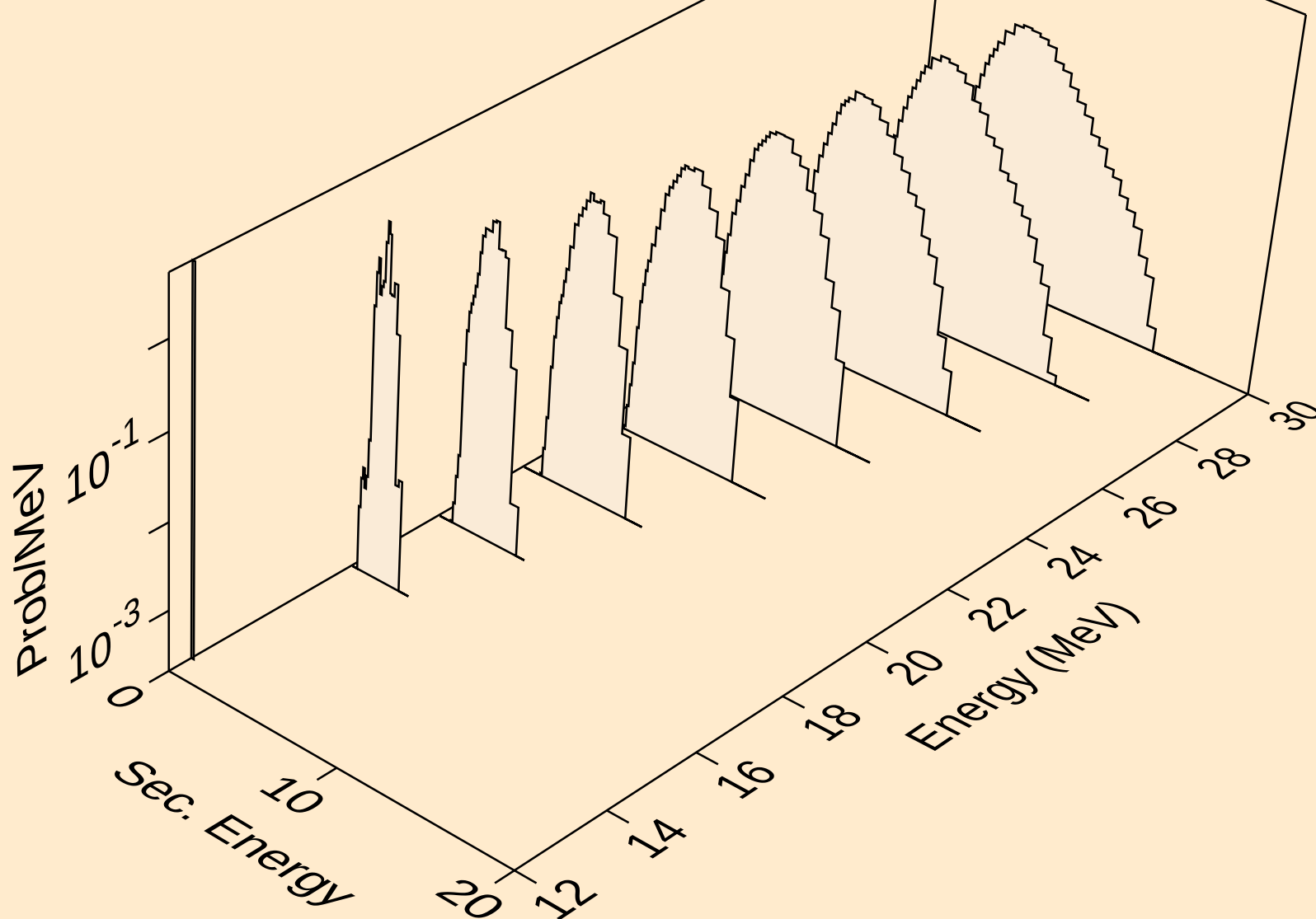
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



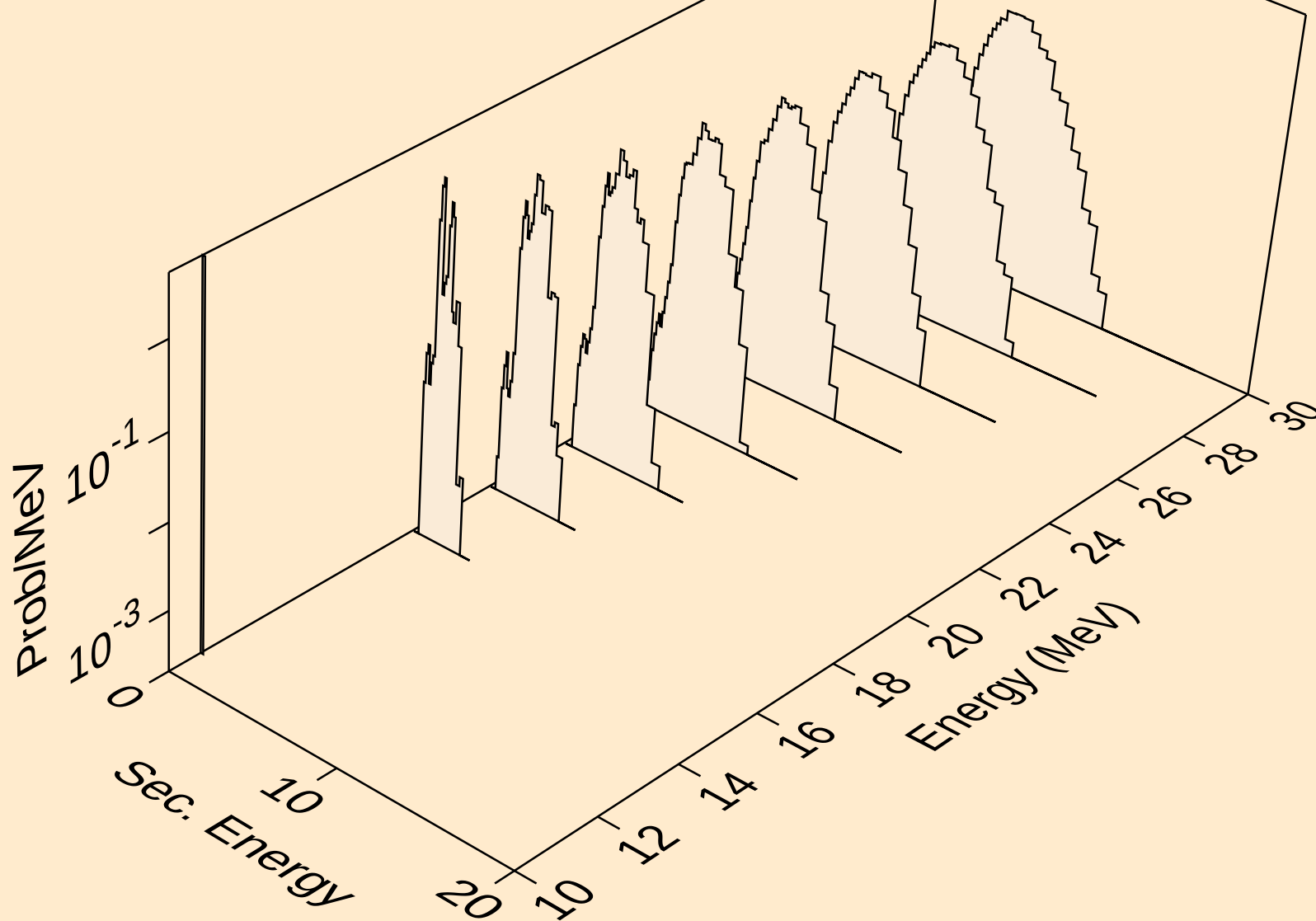
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



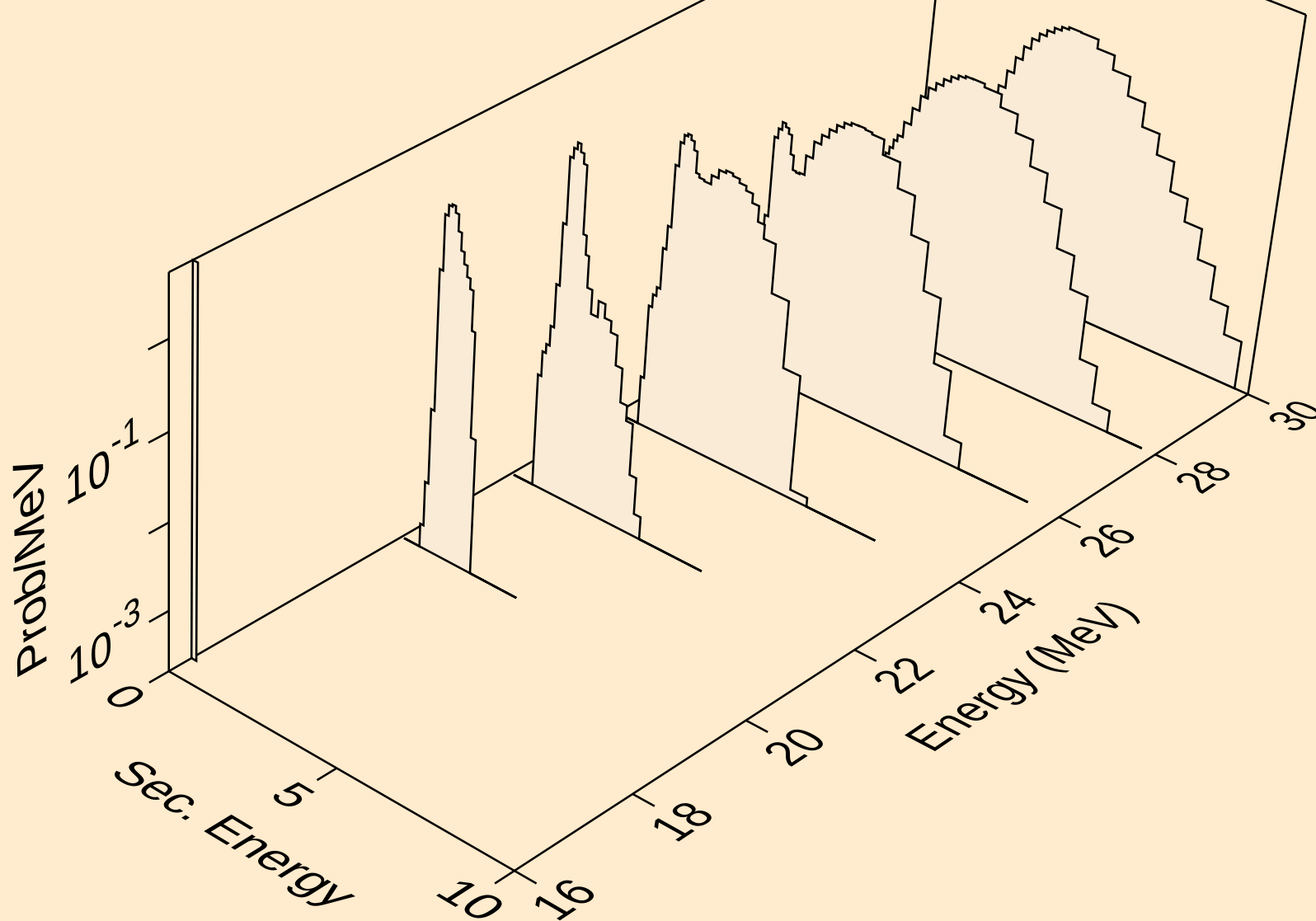
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protons from (n,2p)



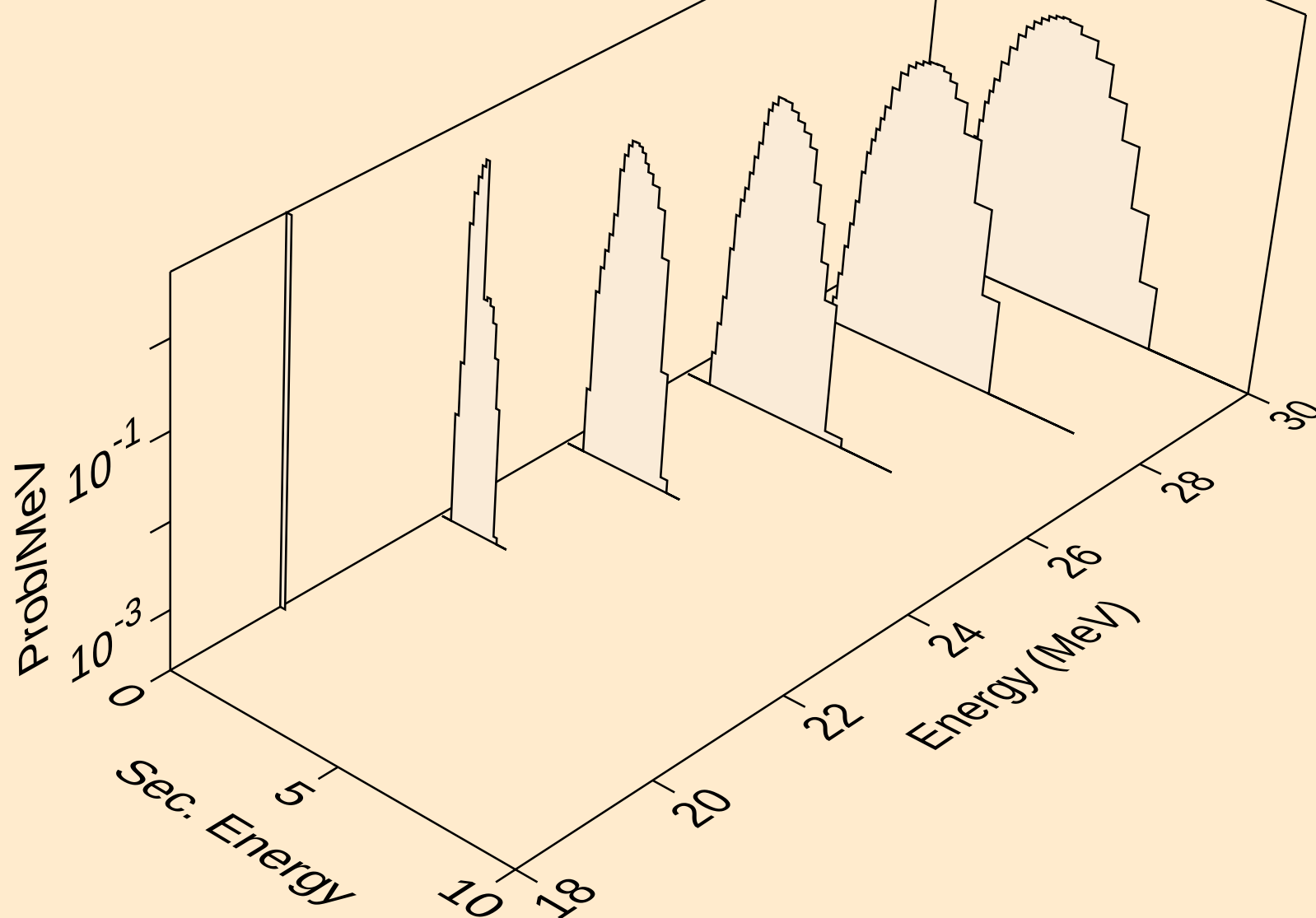
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



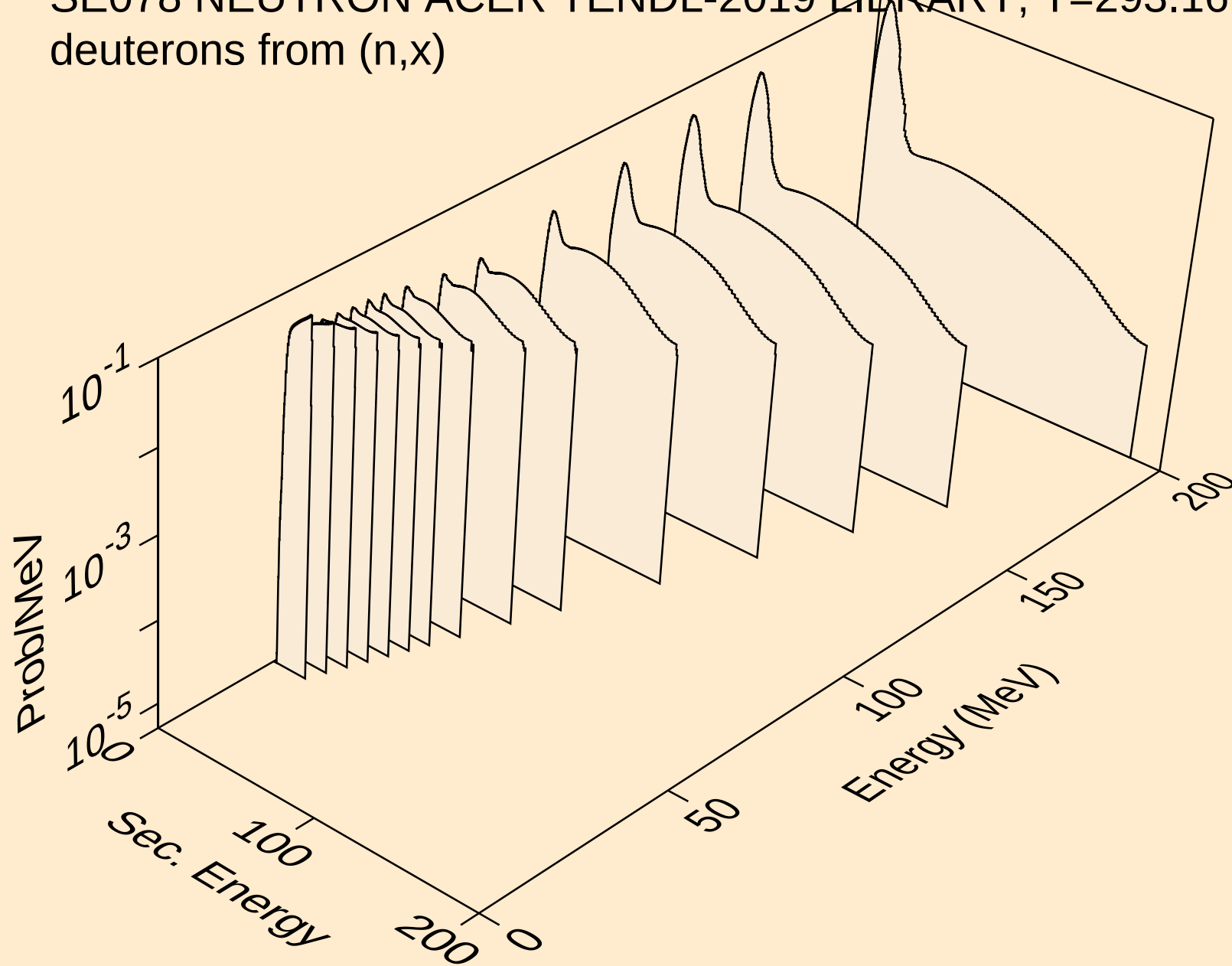
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



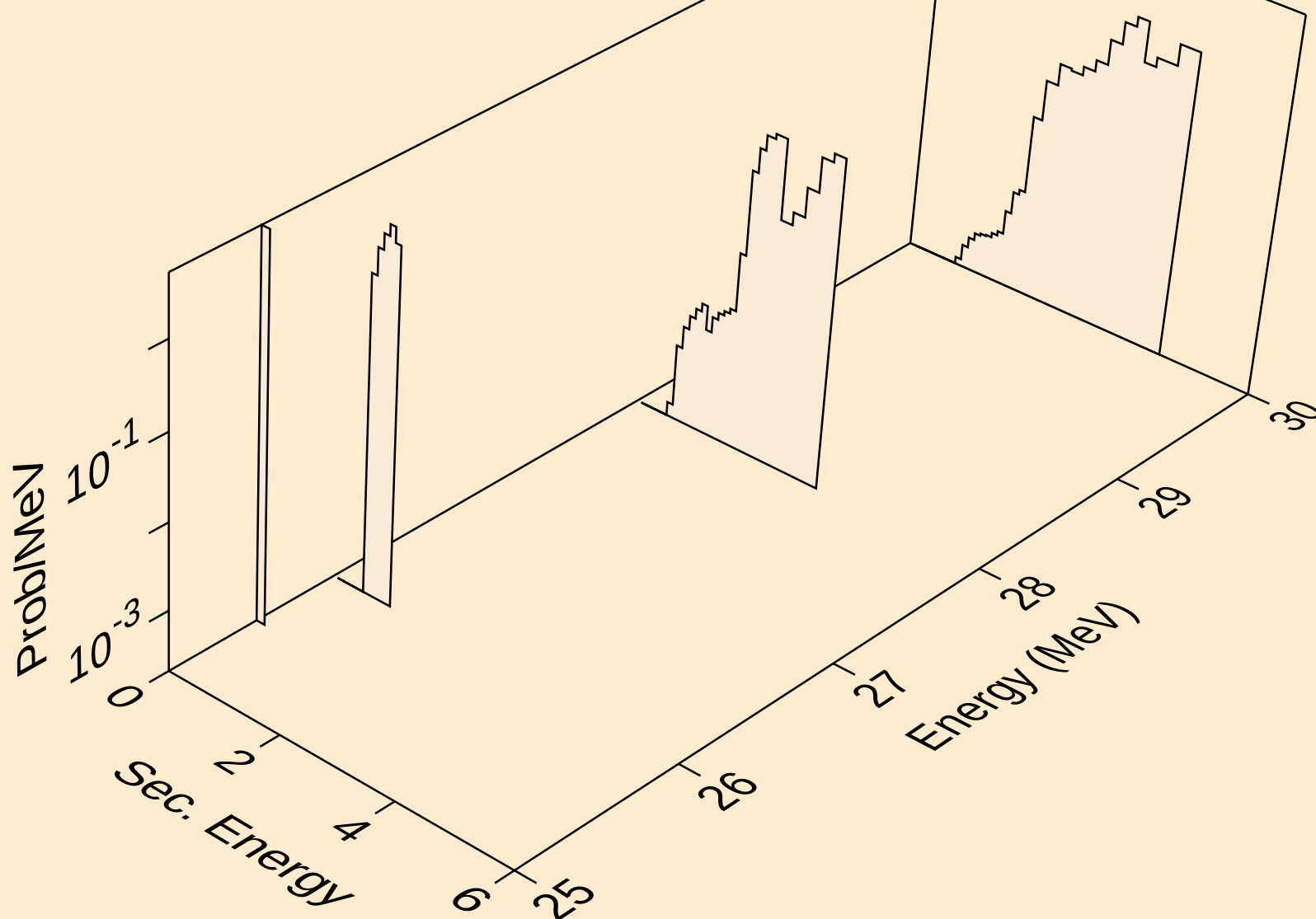
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protons from (n,pt)



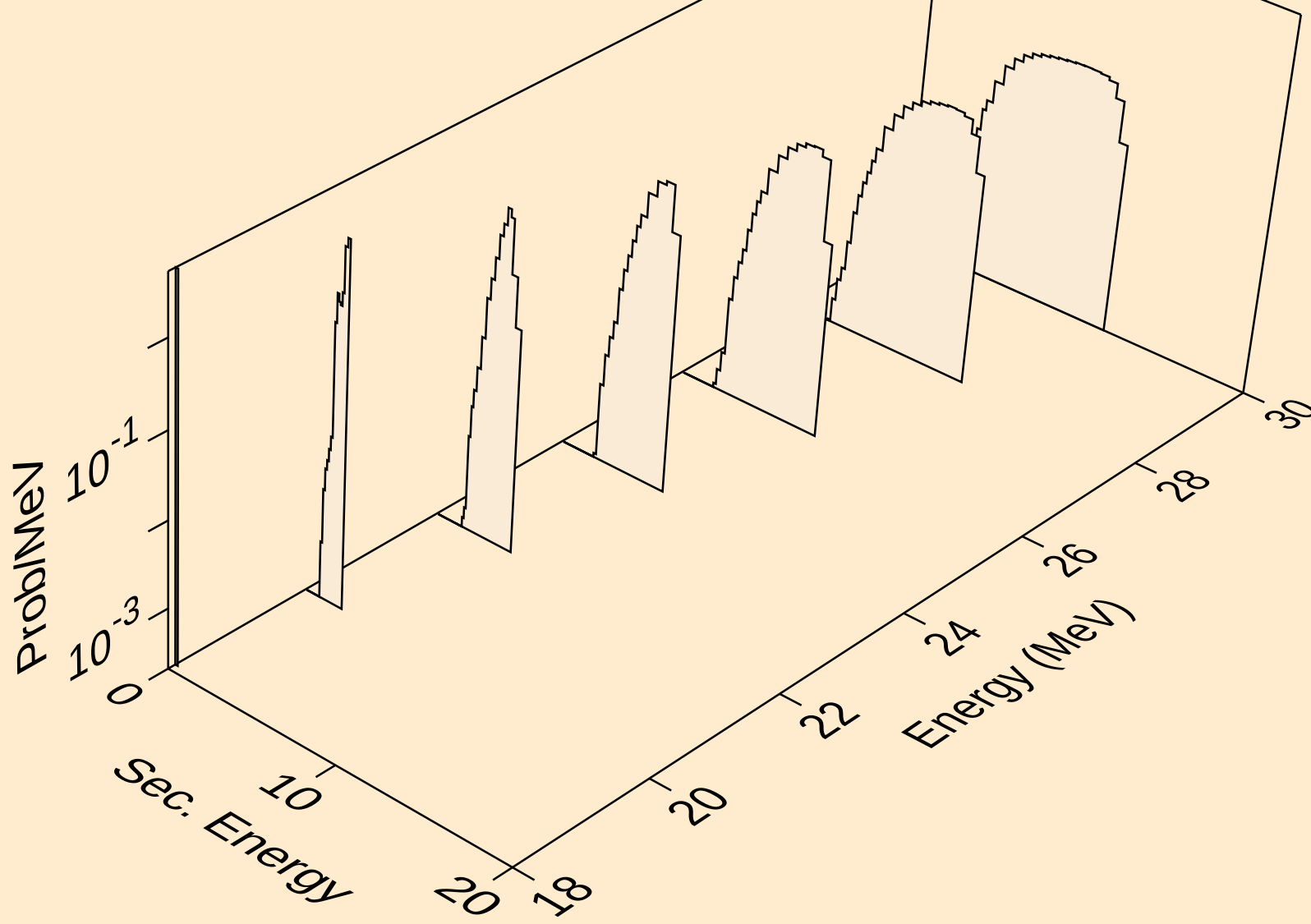
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



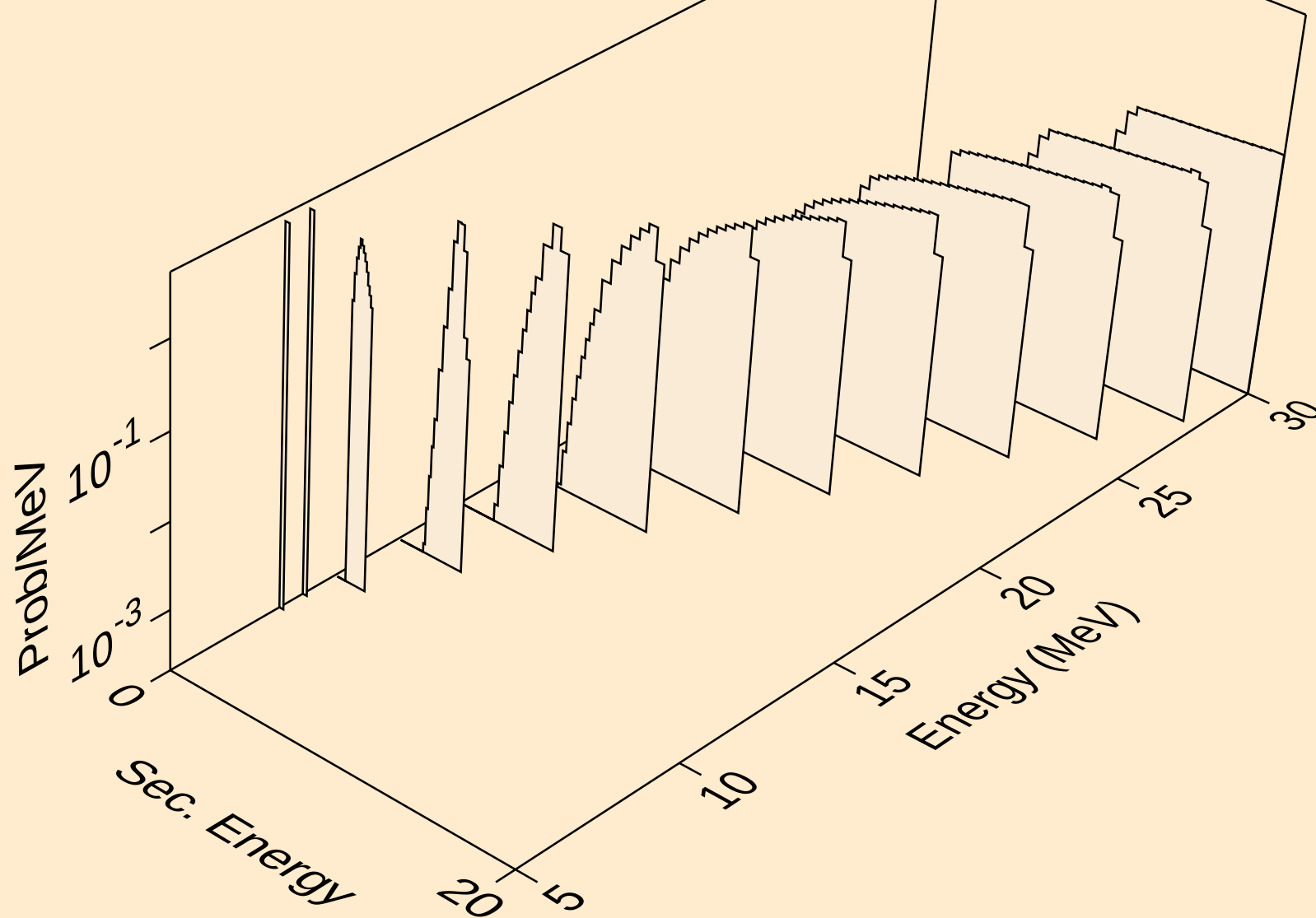
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



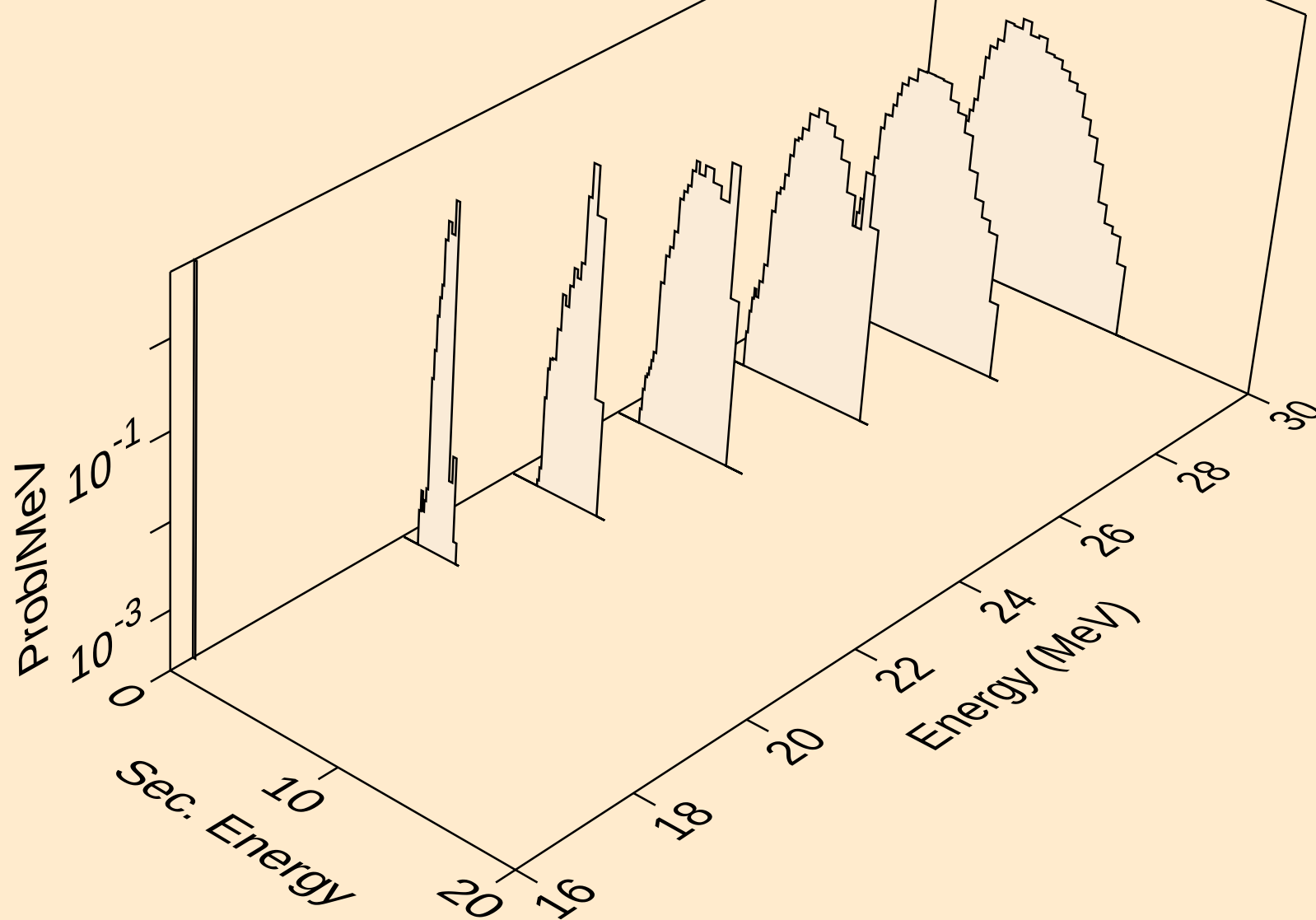
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



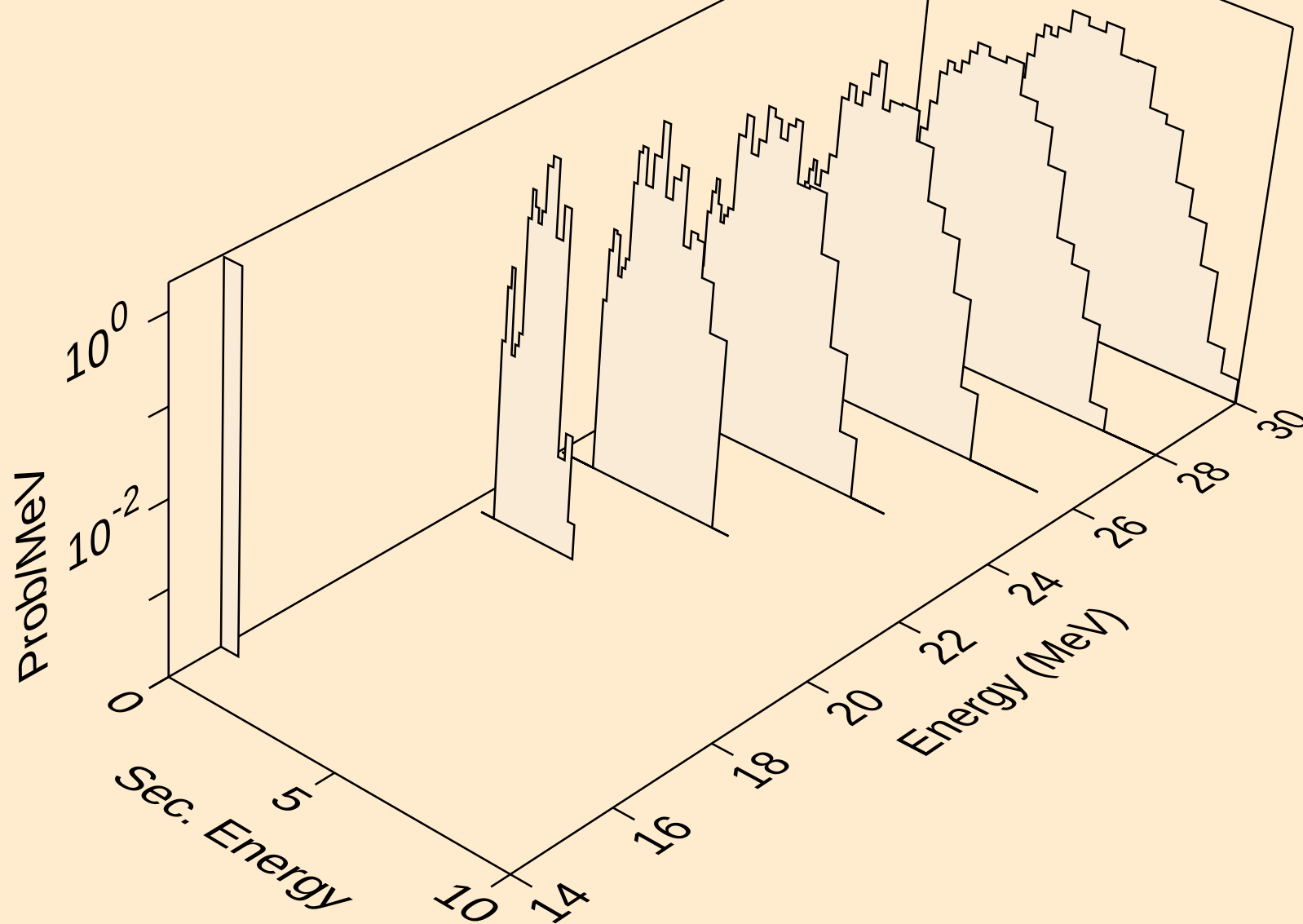
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deuterons from (n,d)



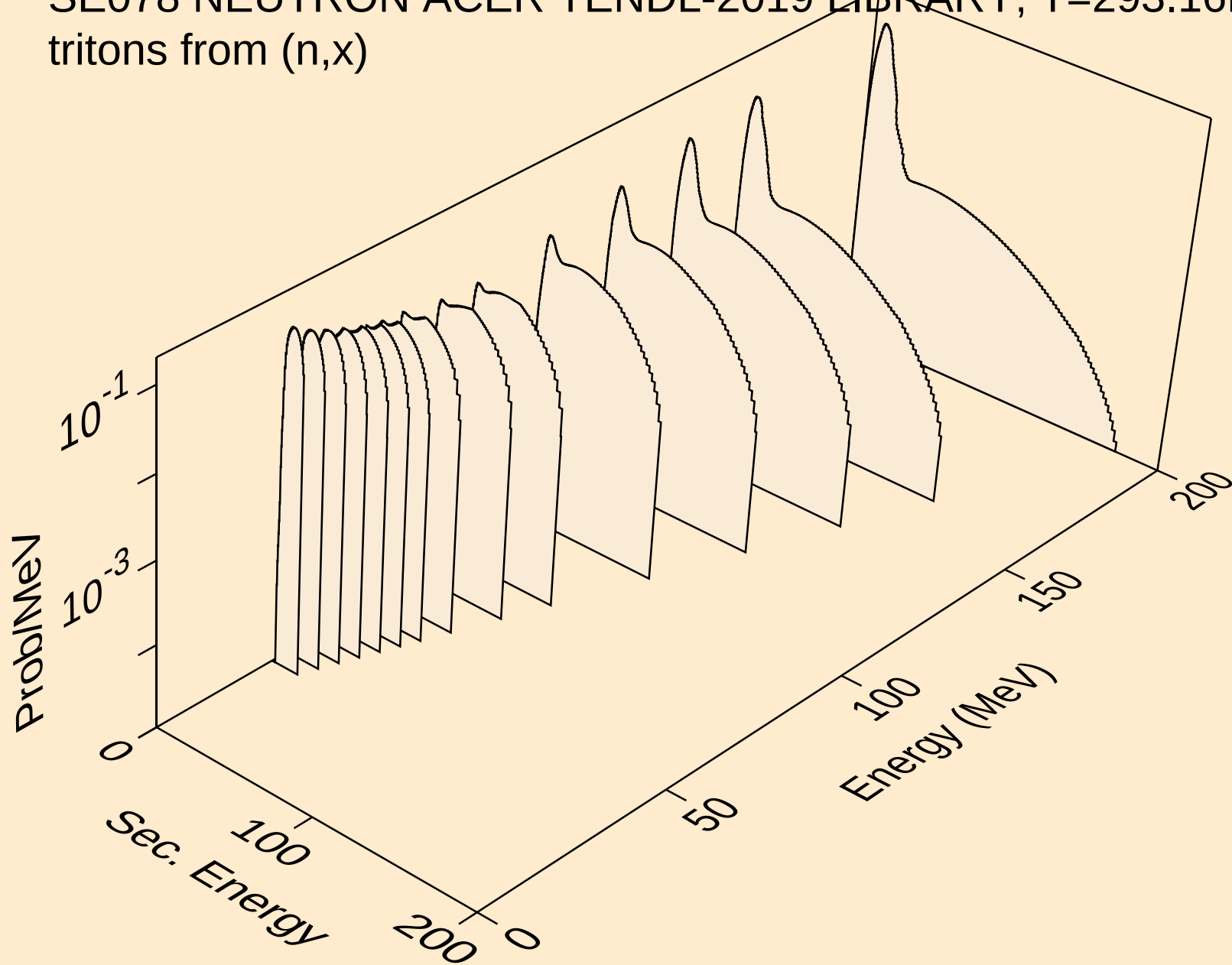
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deuterons from (n,pd)



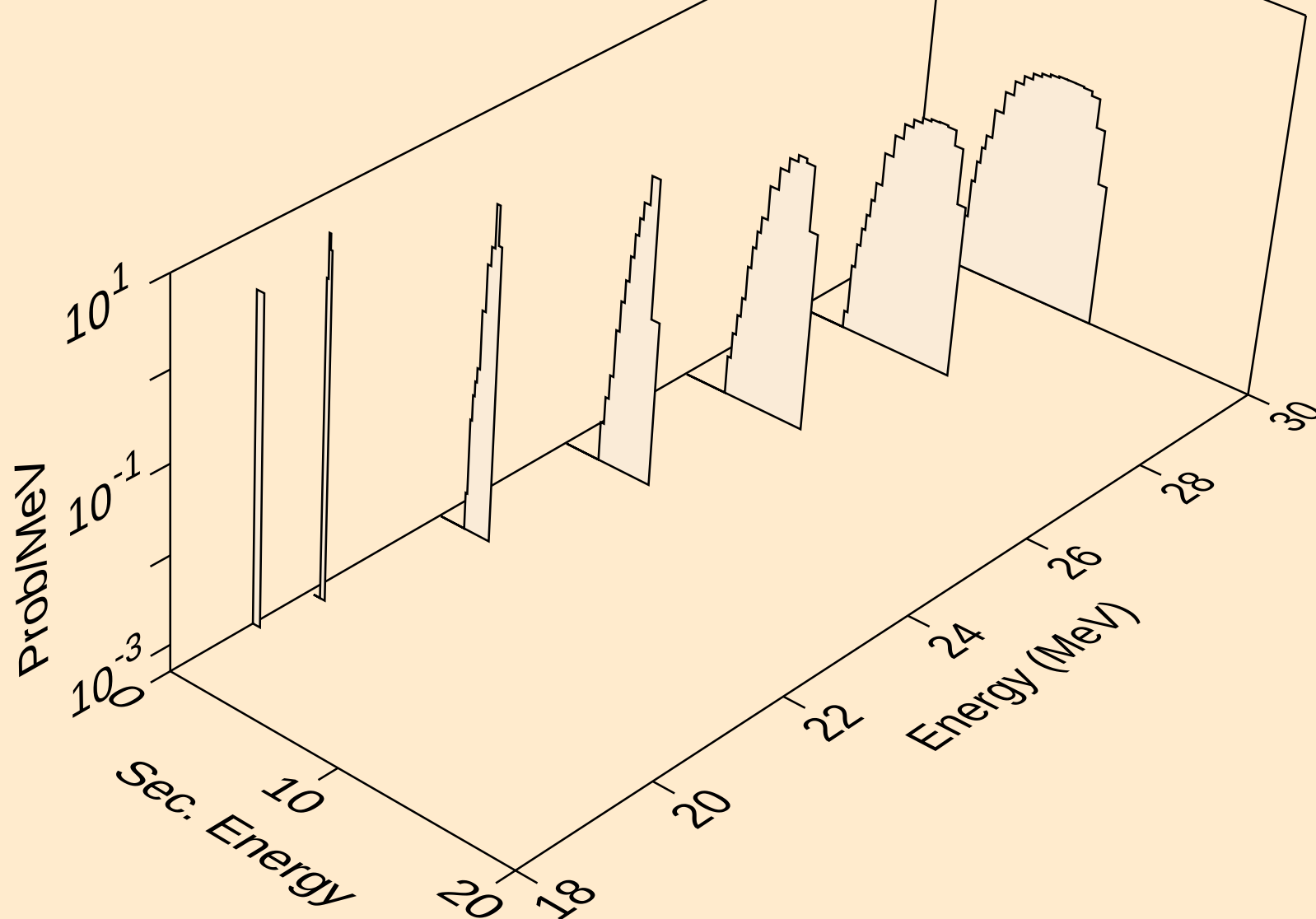
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deuterons from (n,da)



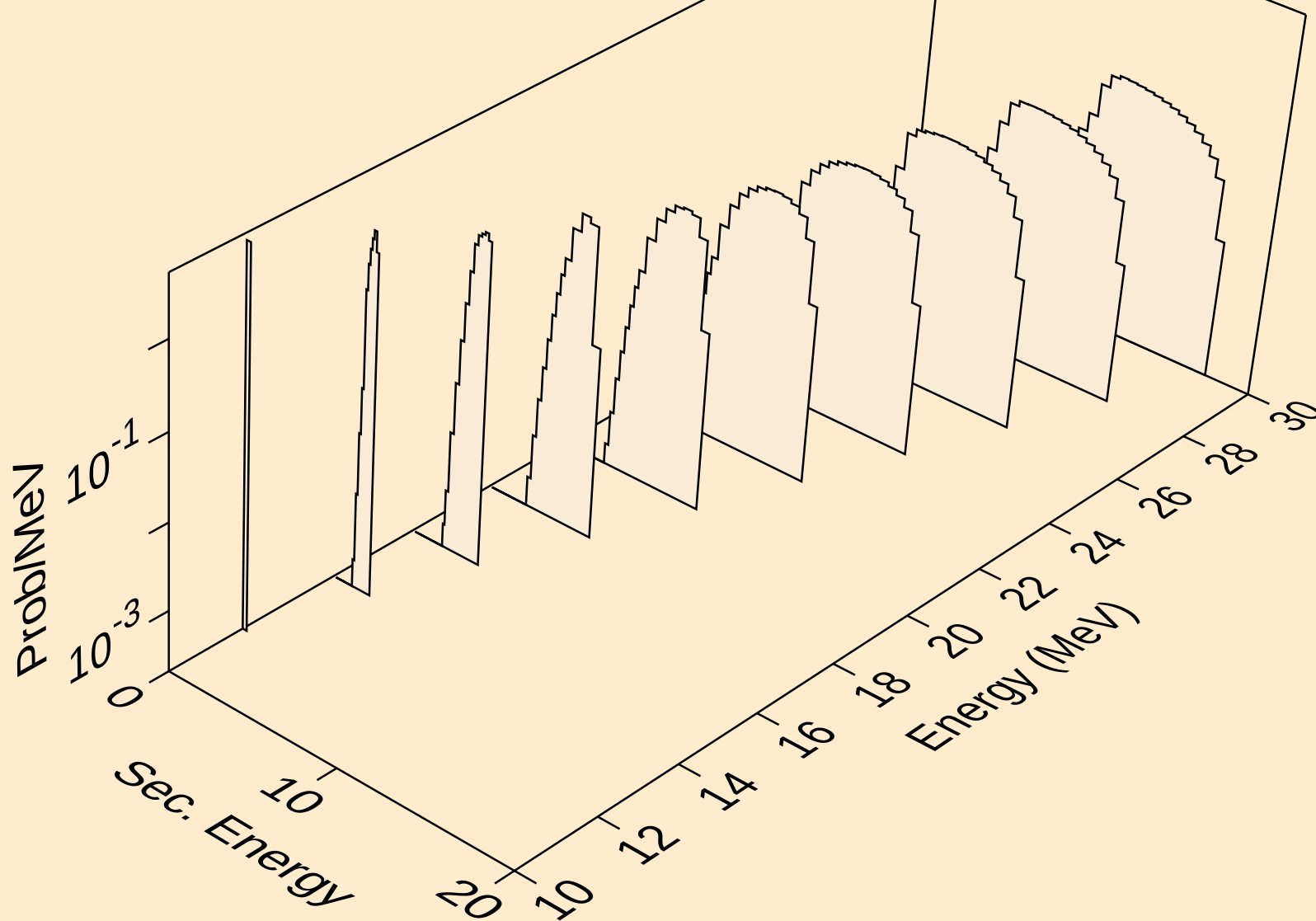
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



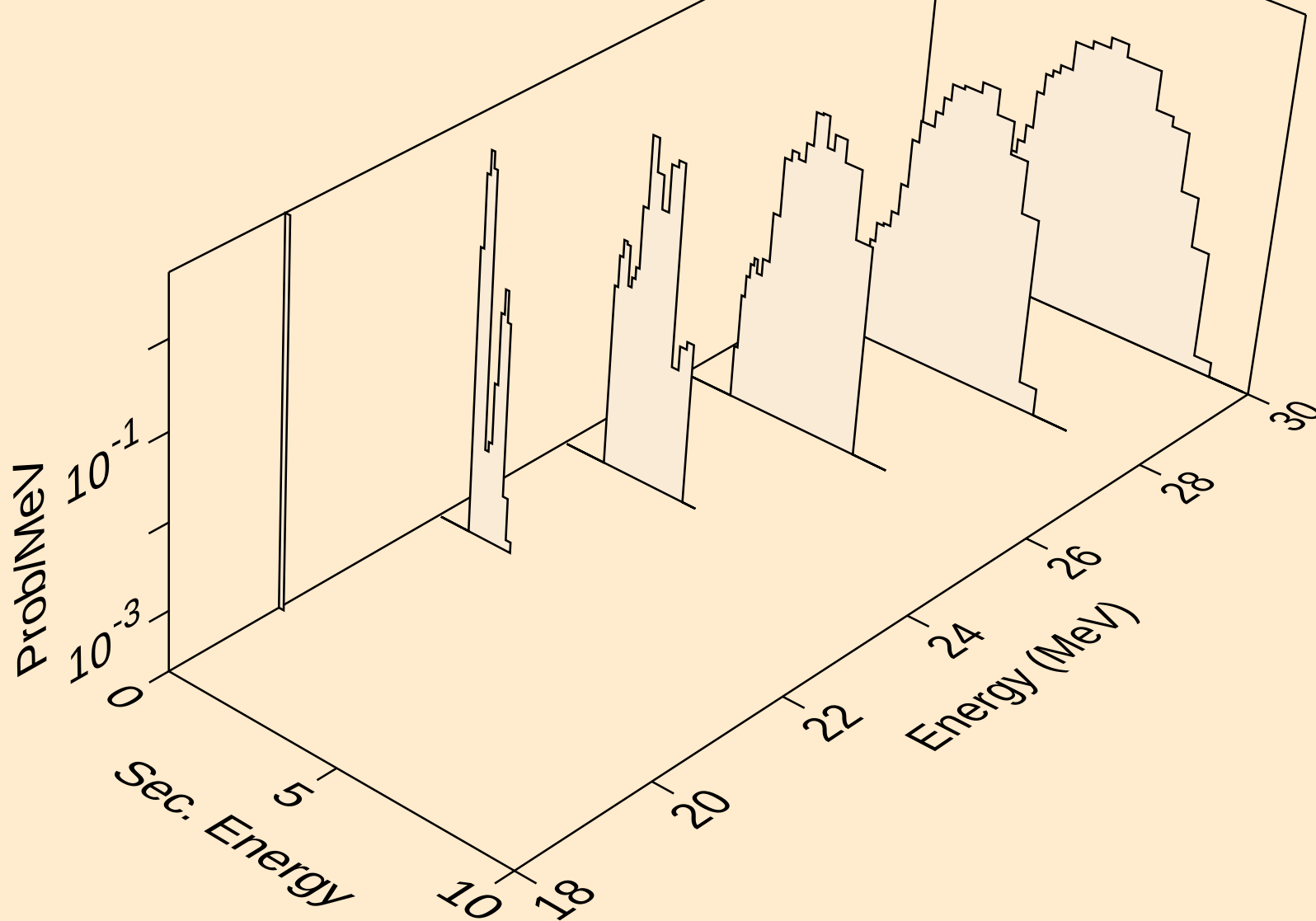
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



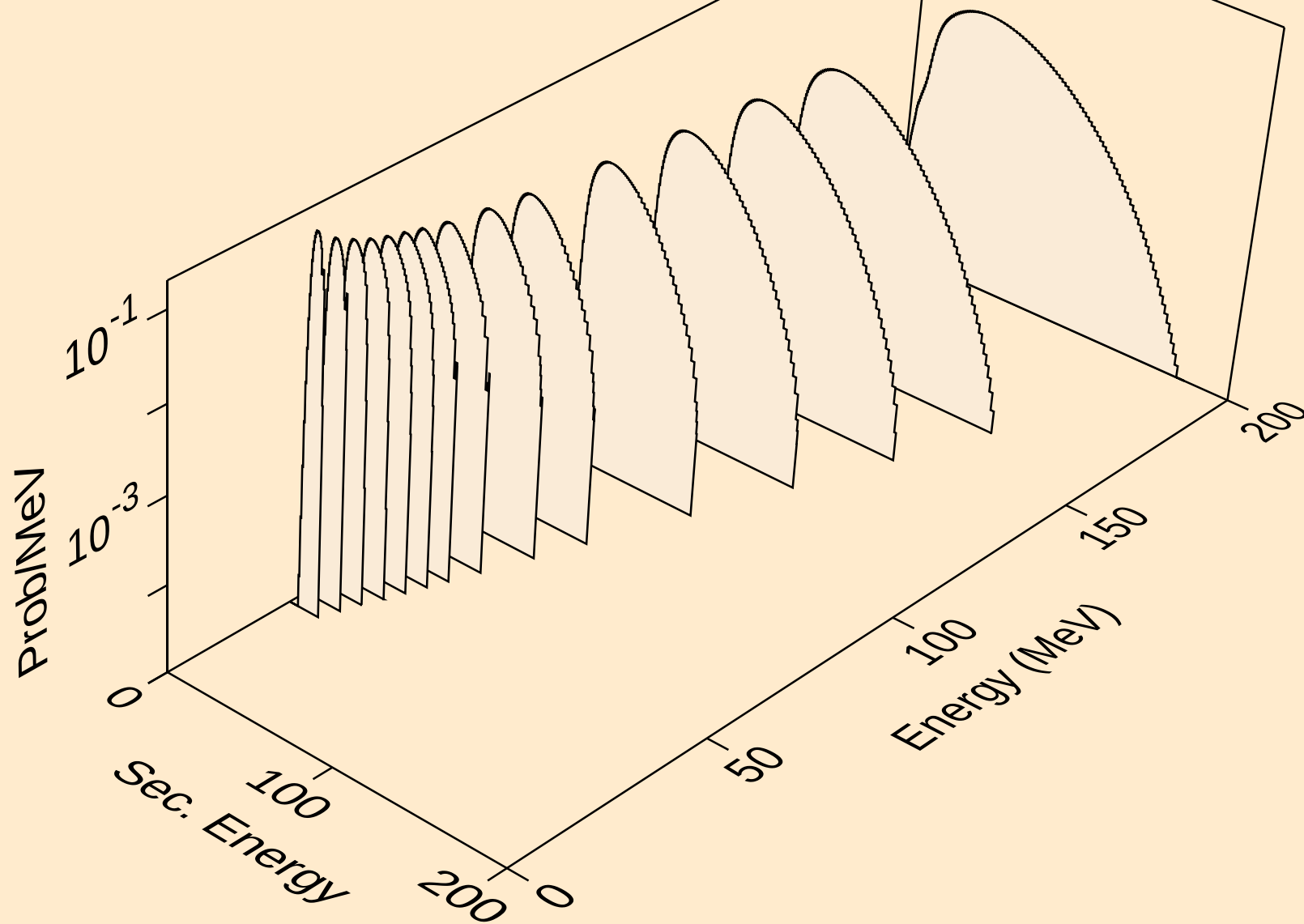
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



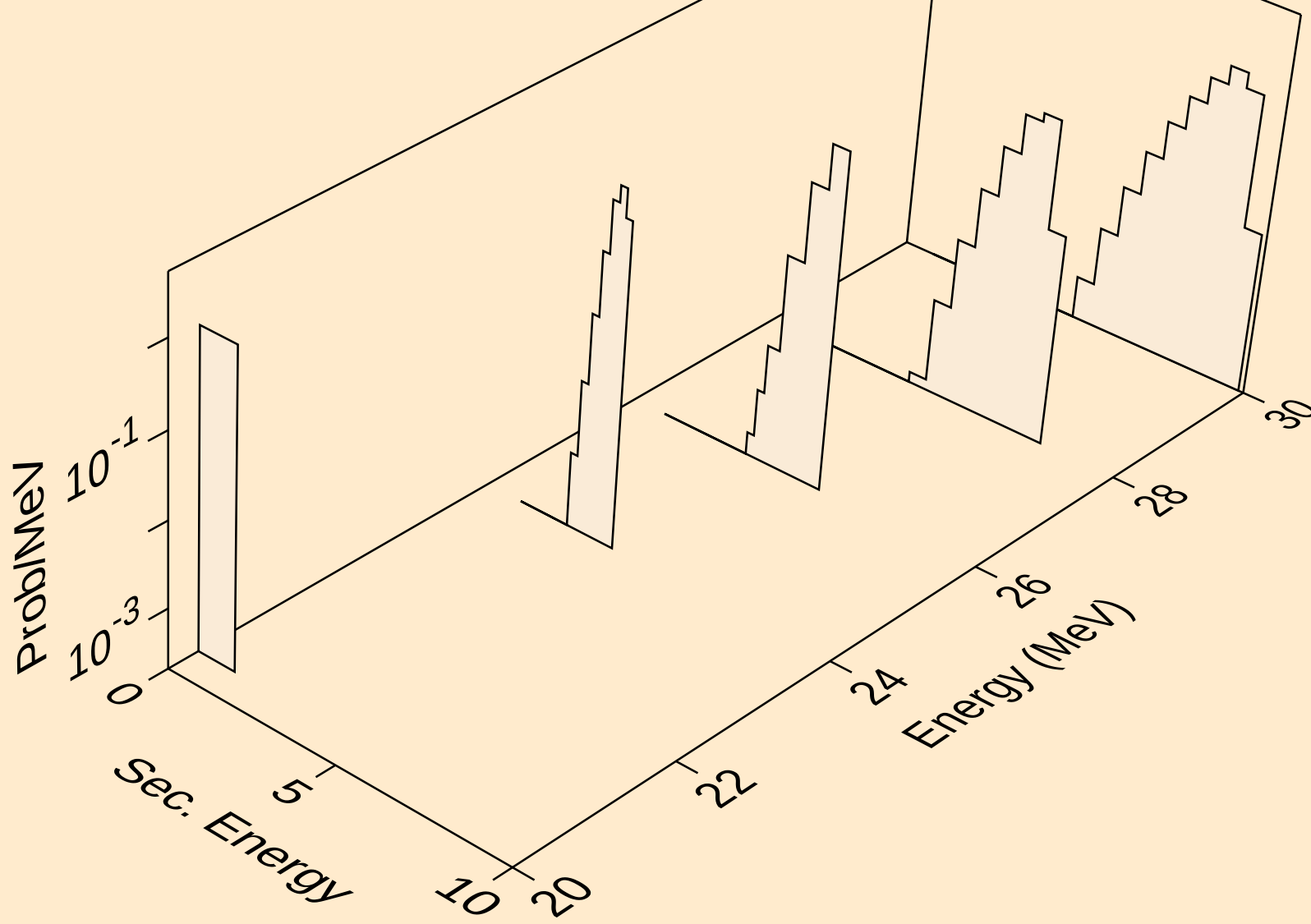
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



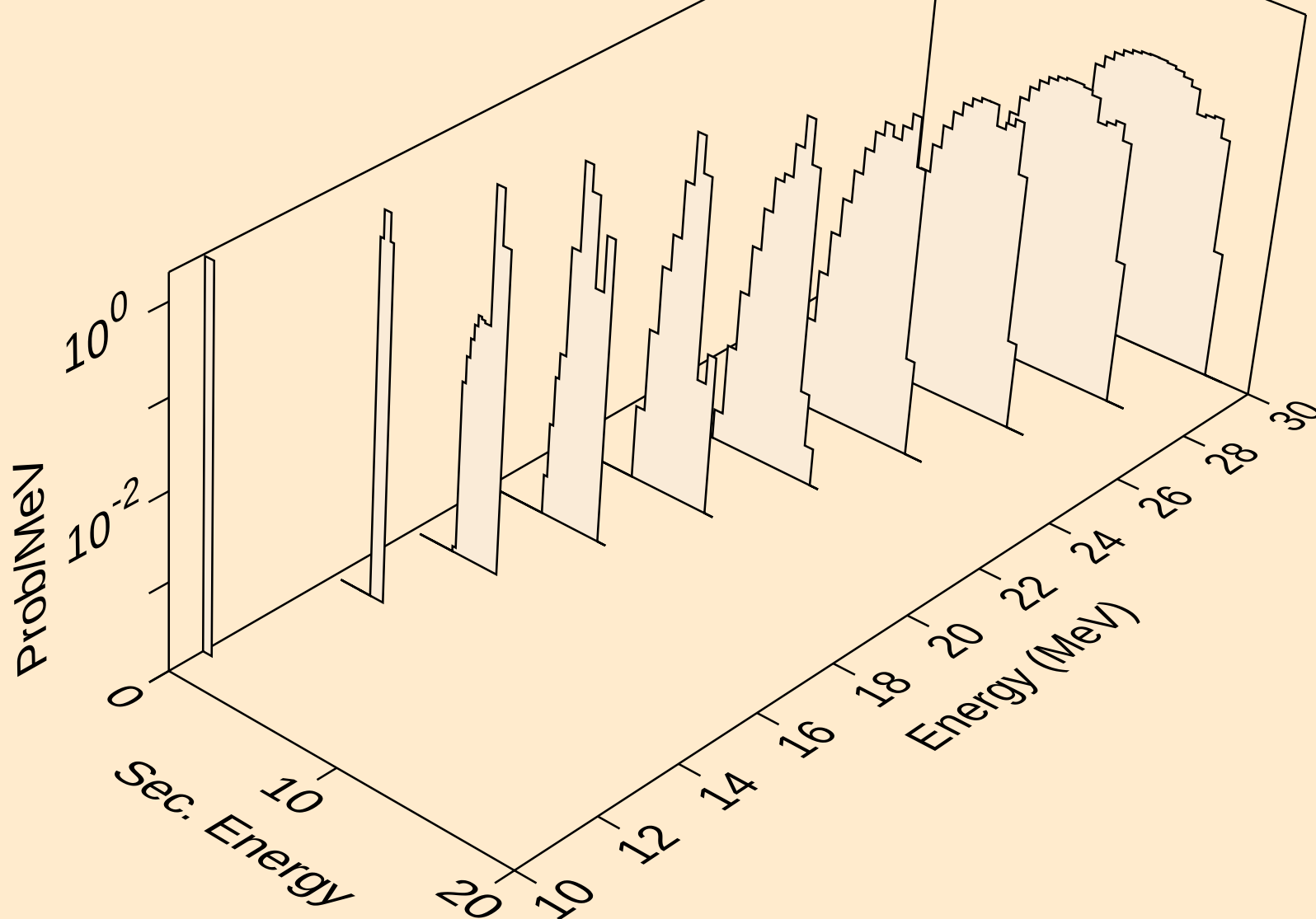
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he3s from (n,x)



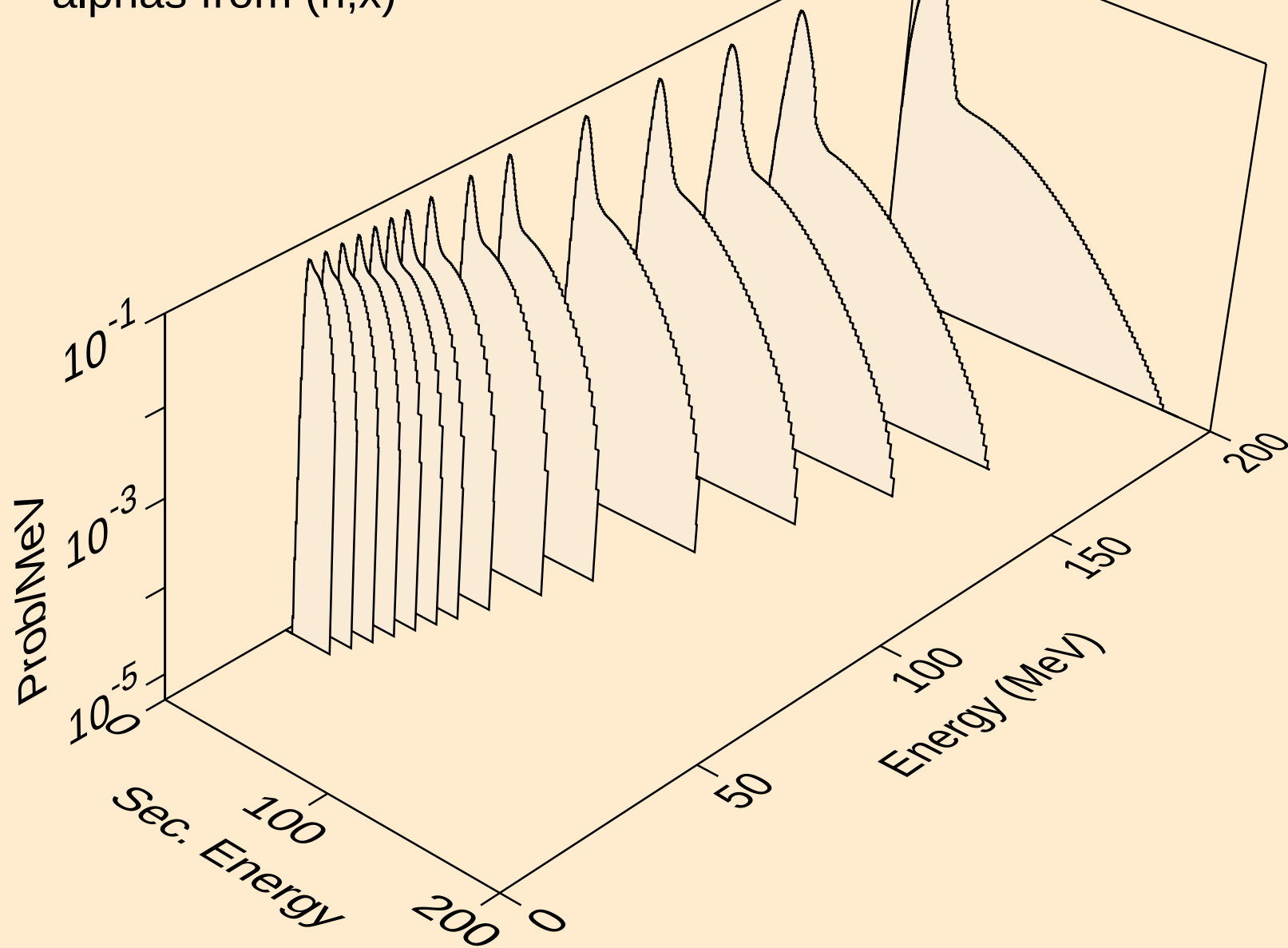
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he3s from (n,n*)he3



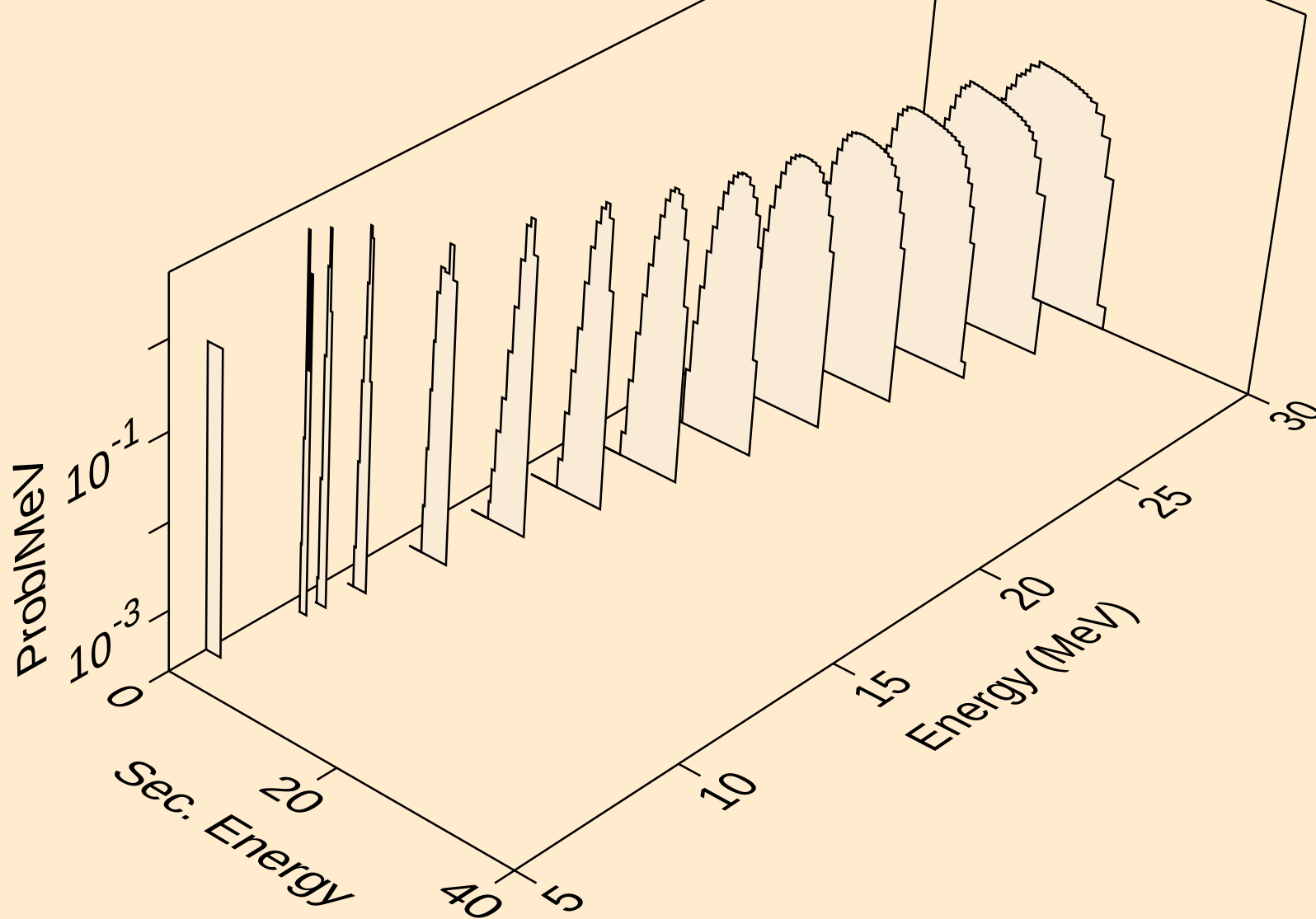
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he3s from (n,he3)



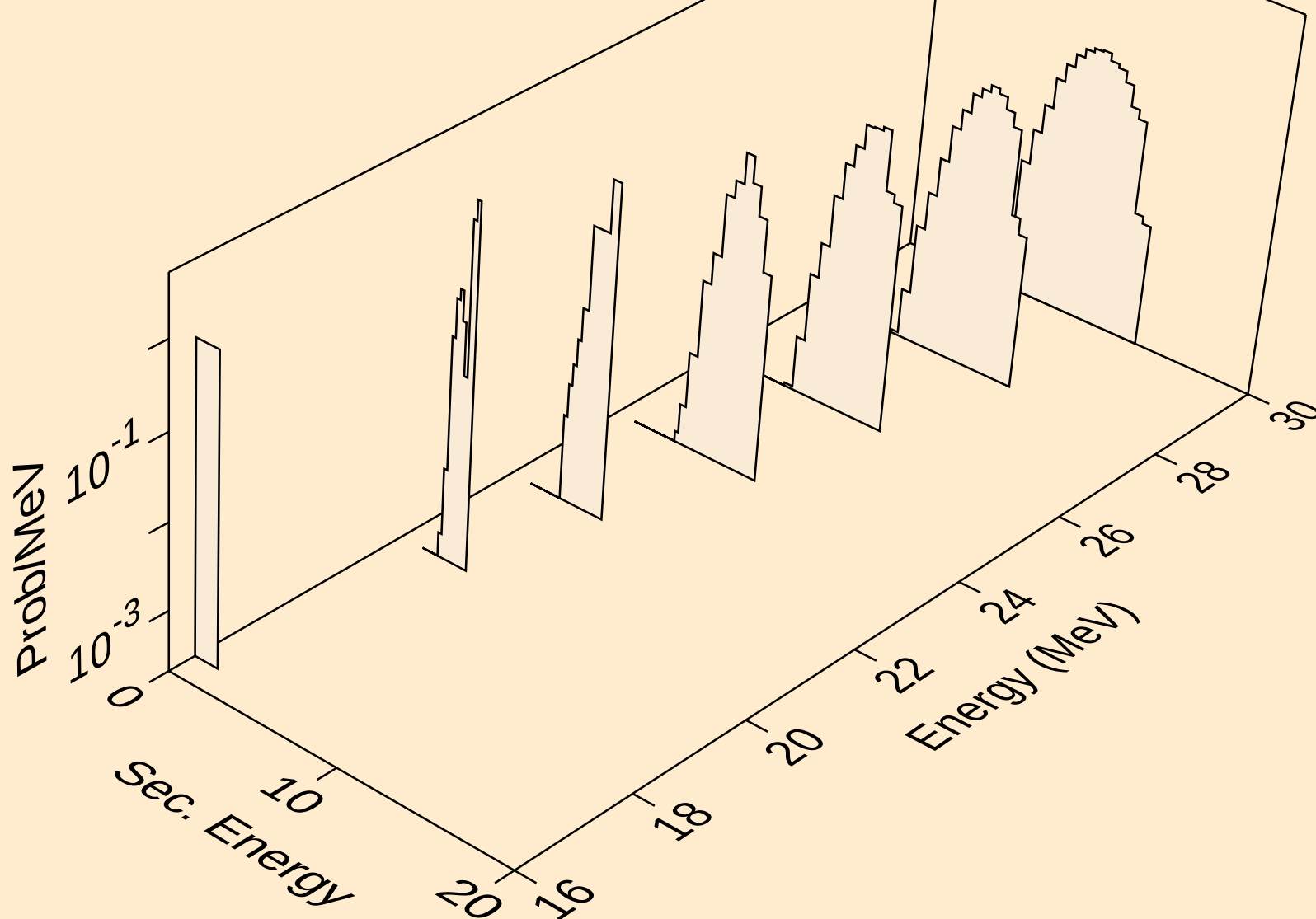
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



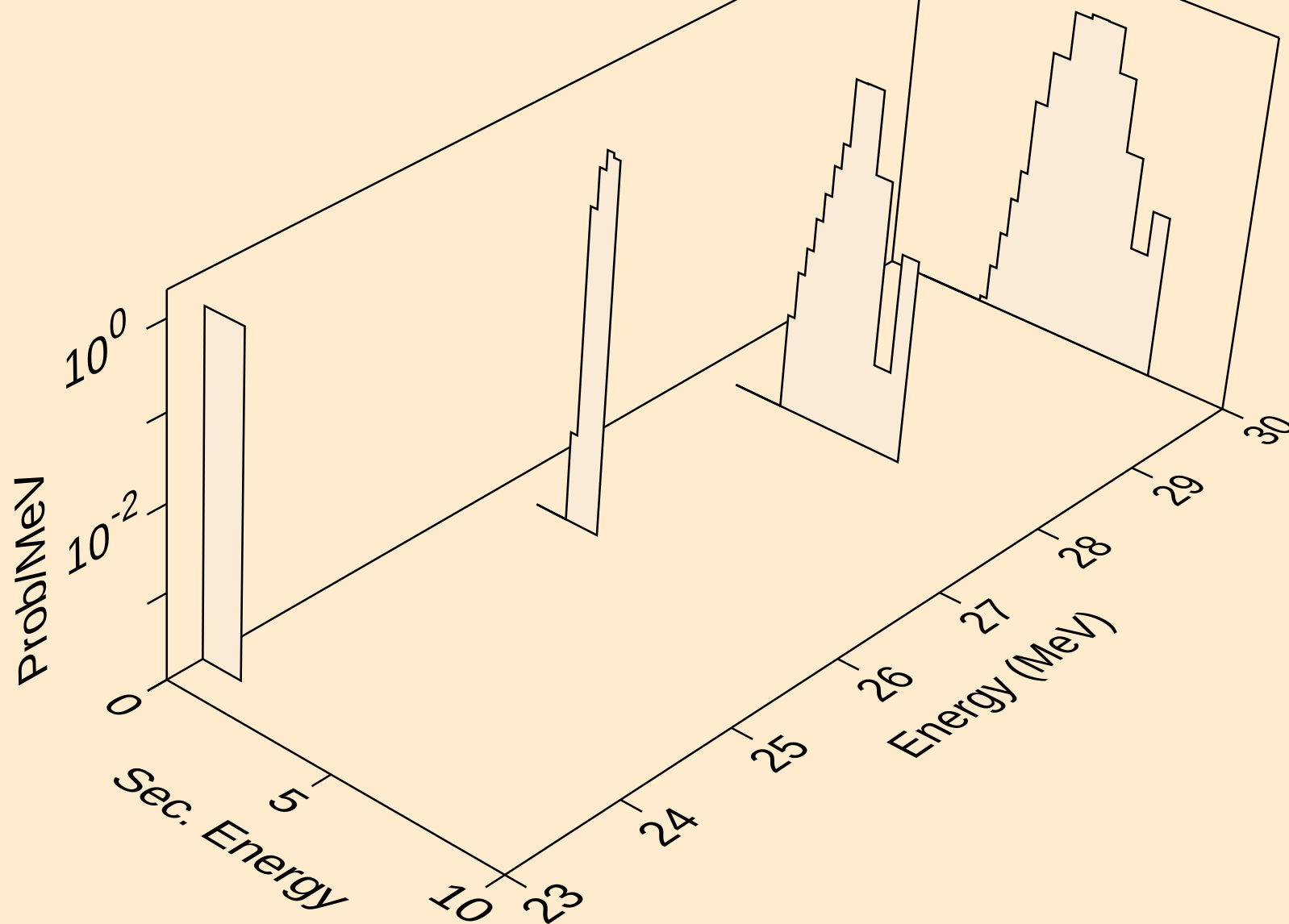
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



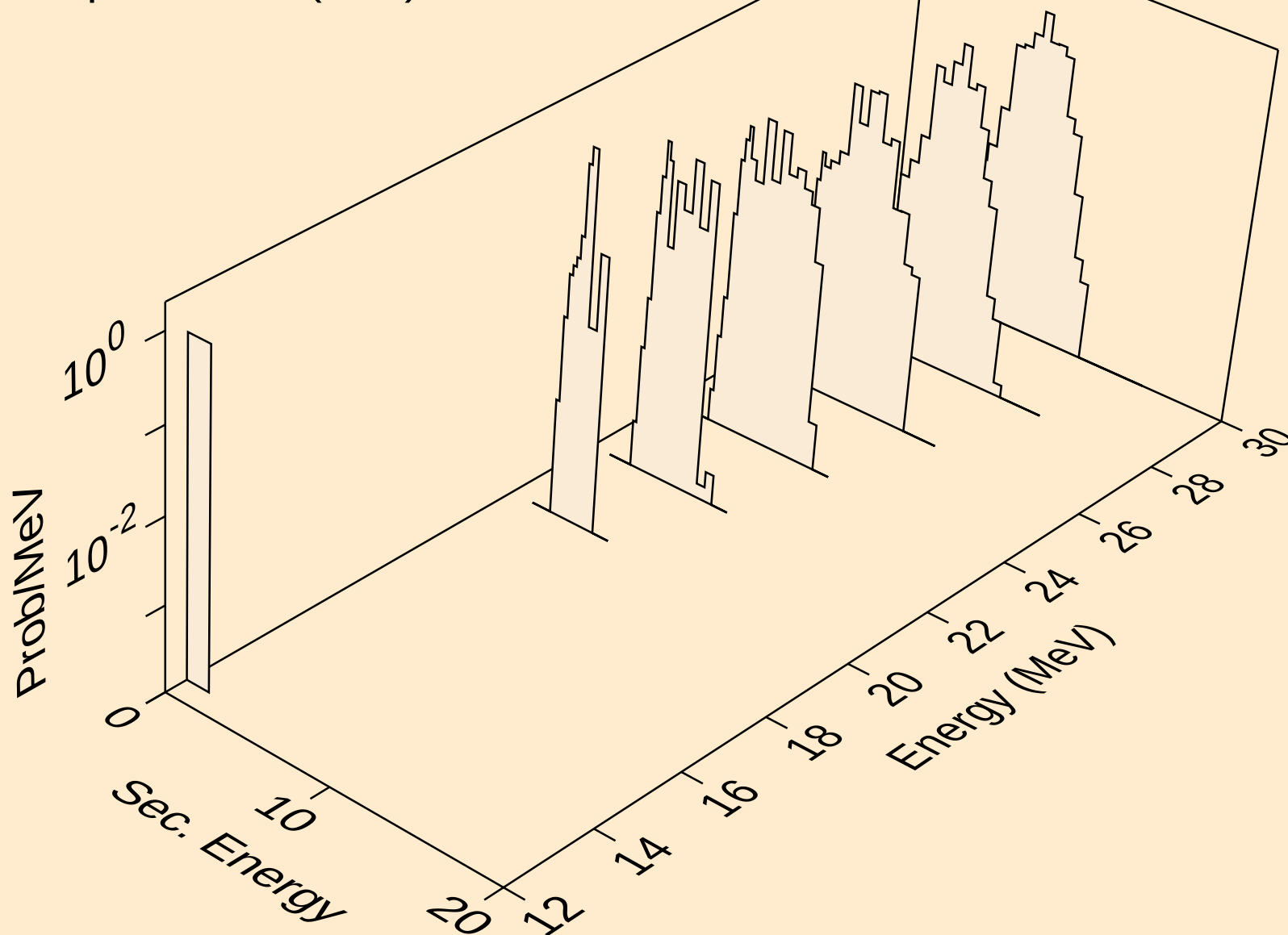
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alphas from (n,2n)a



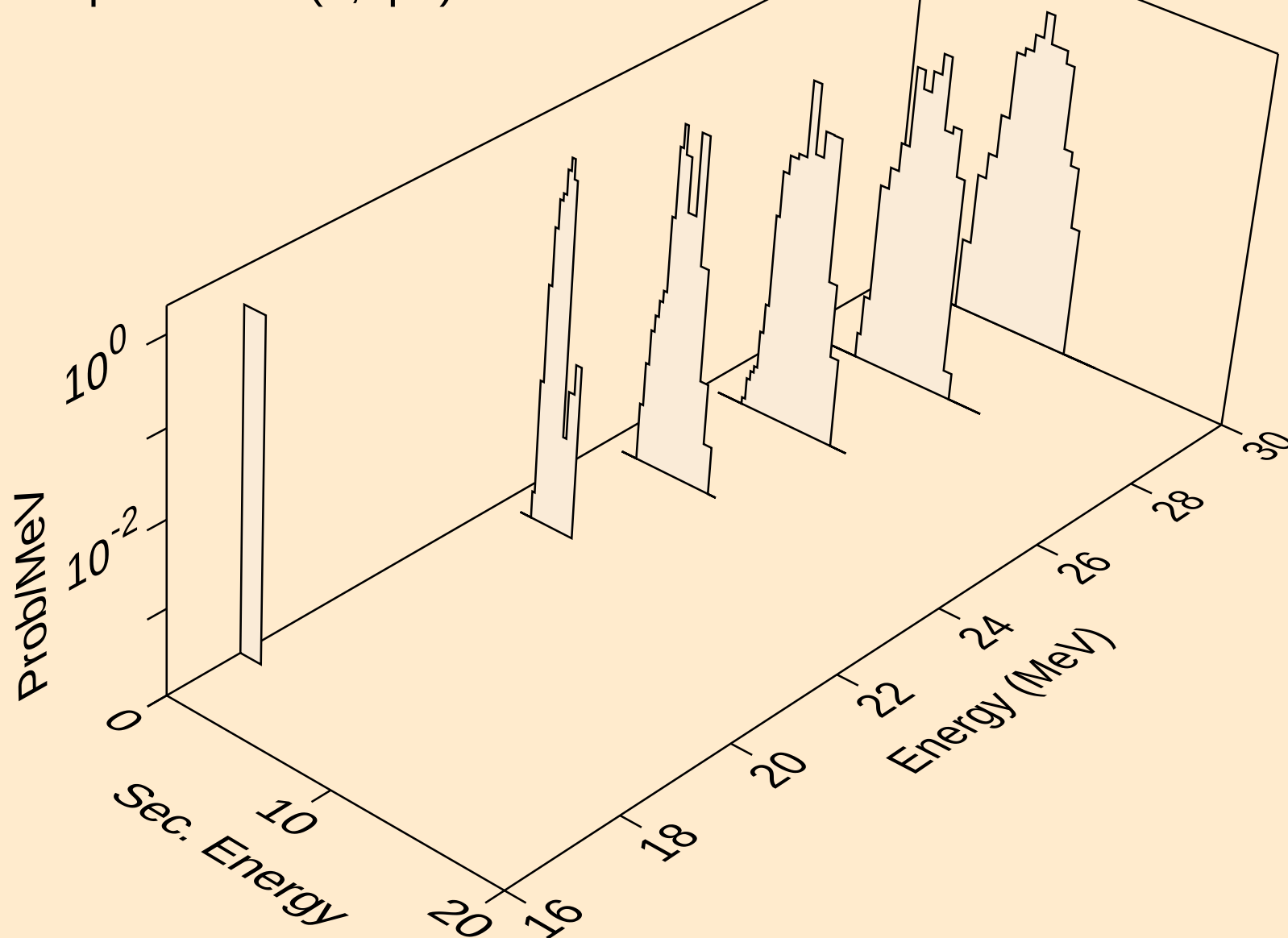
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alphas from (n,3n)a



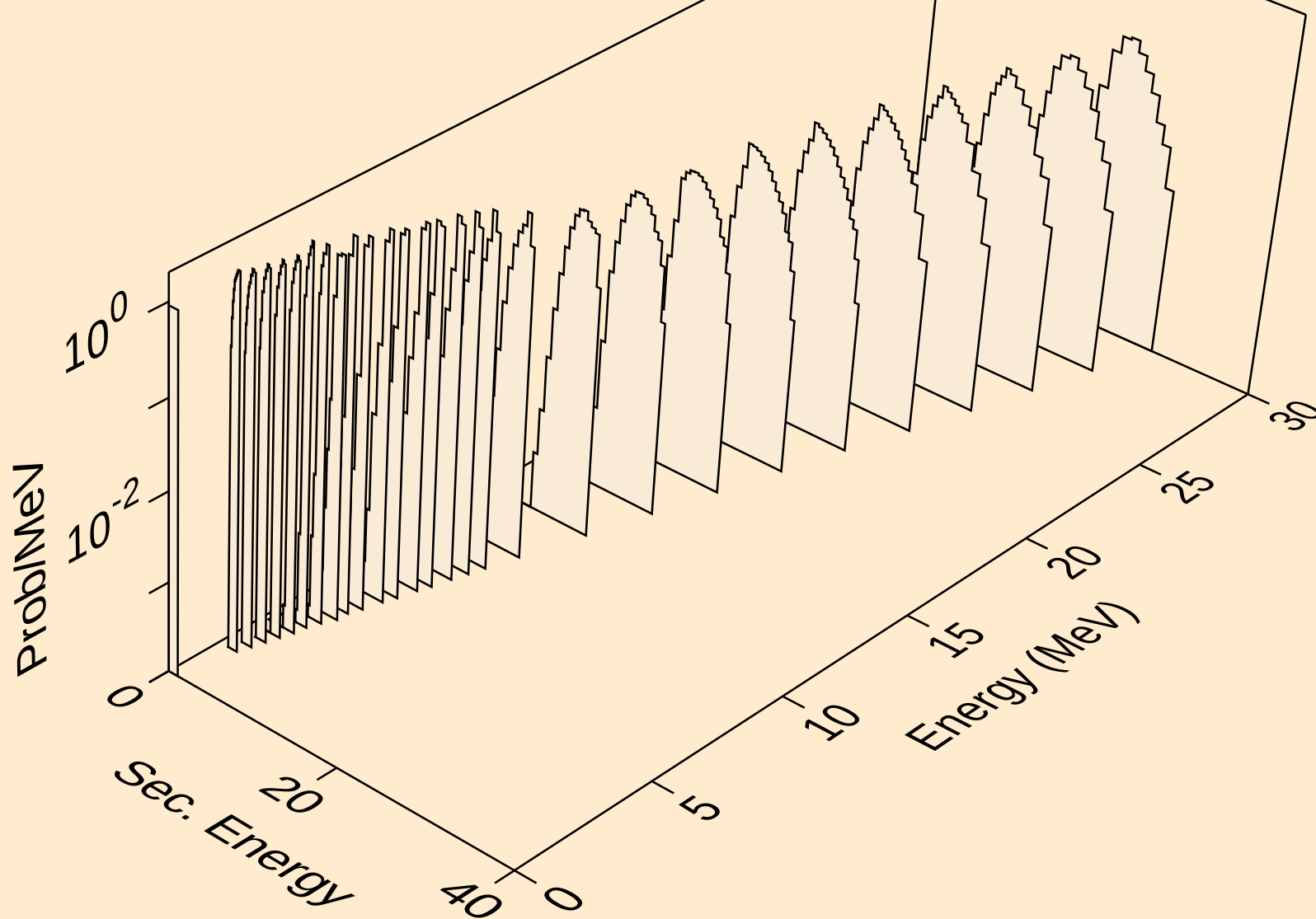
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



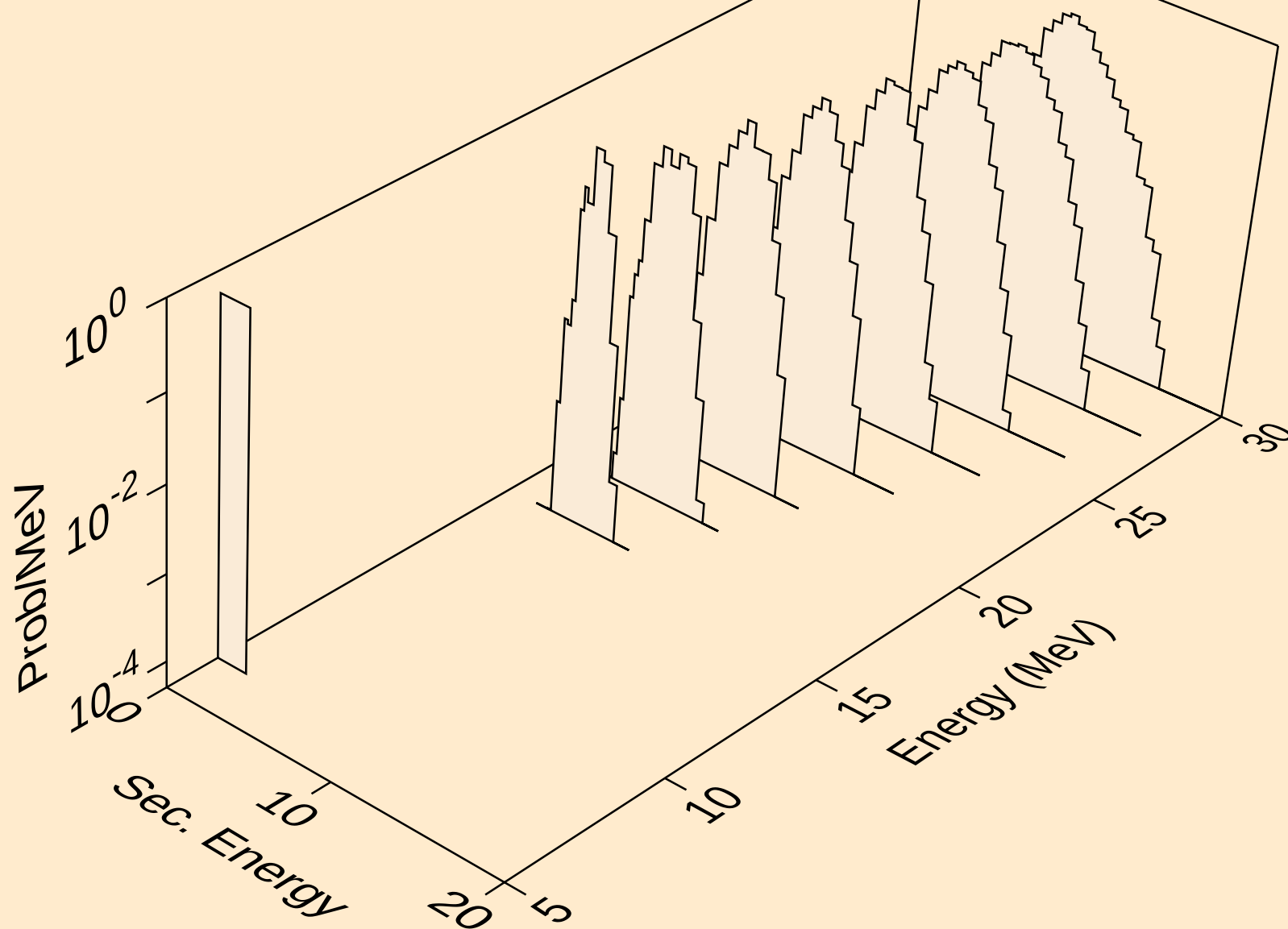
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



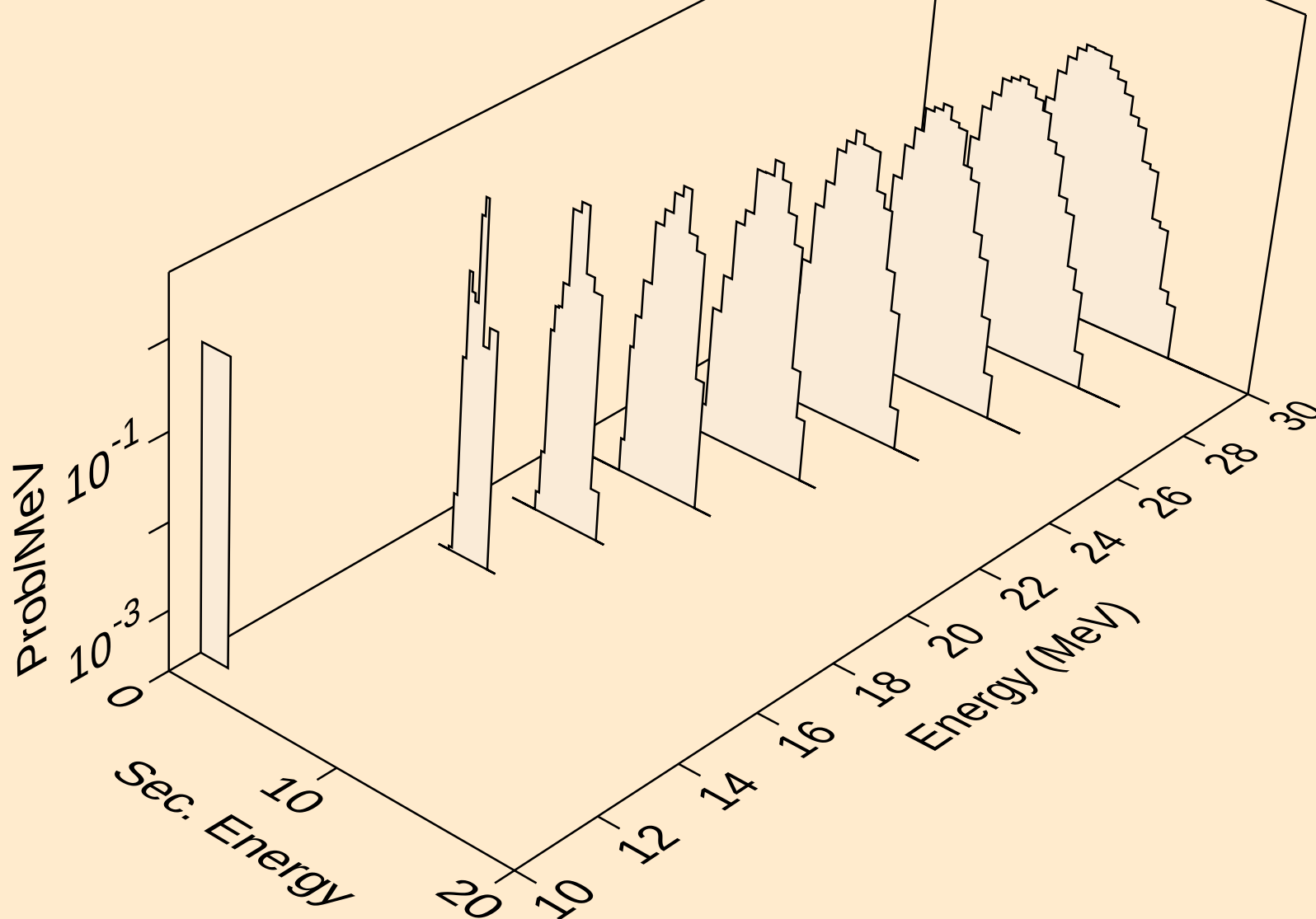
SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



SE078 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

