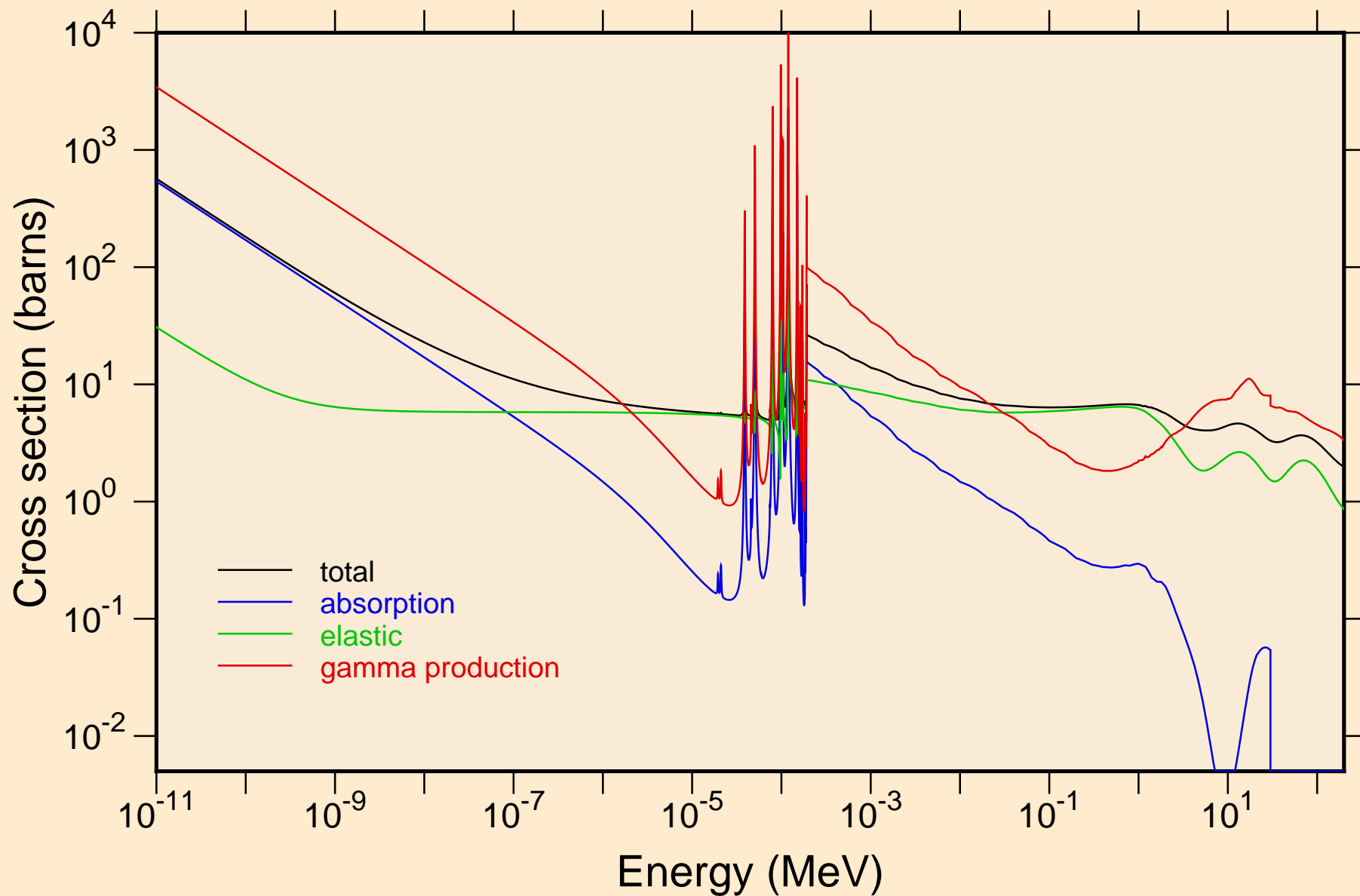
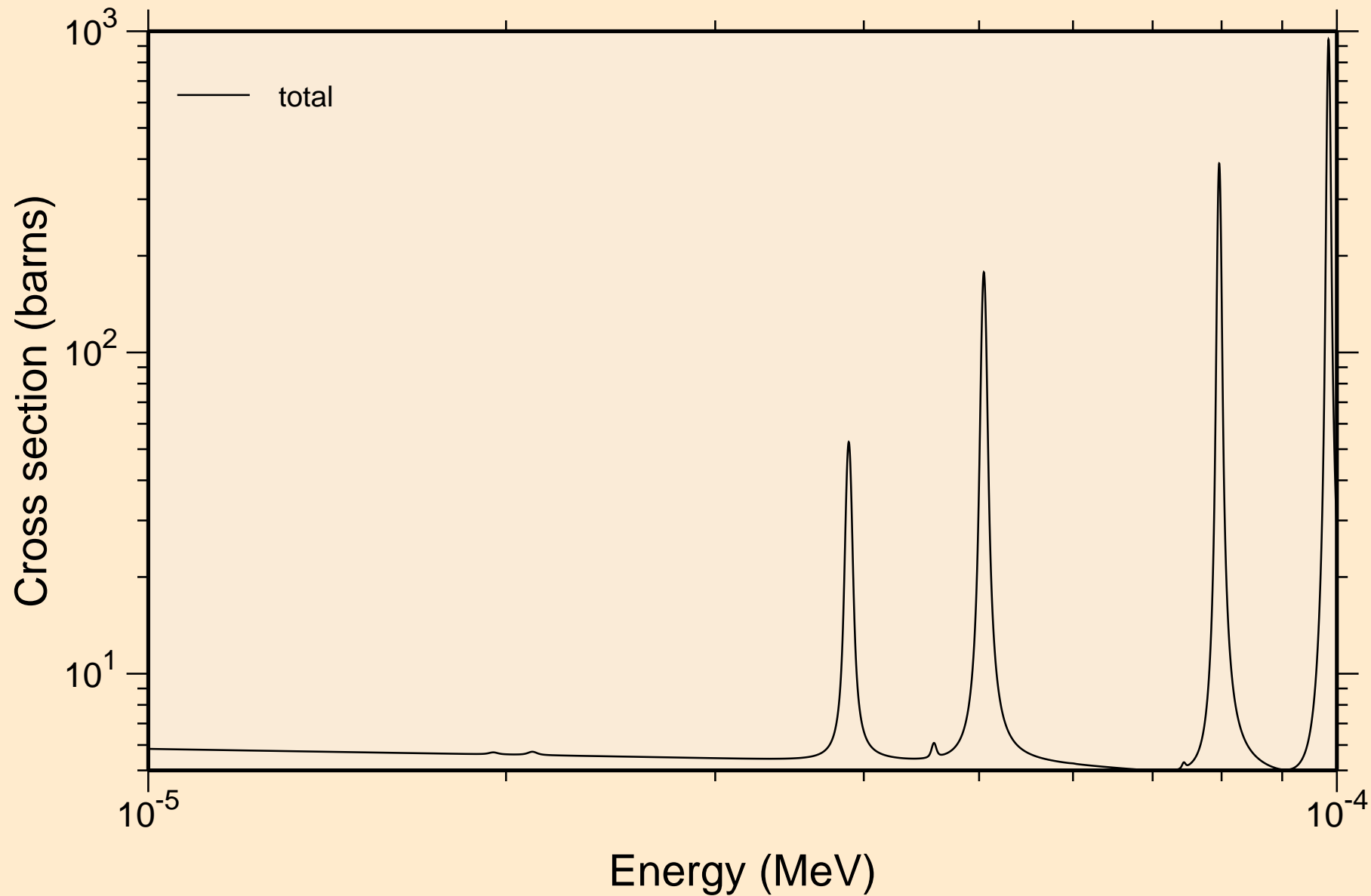


SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

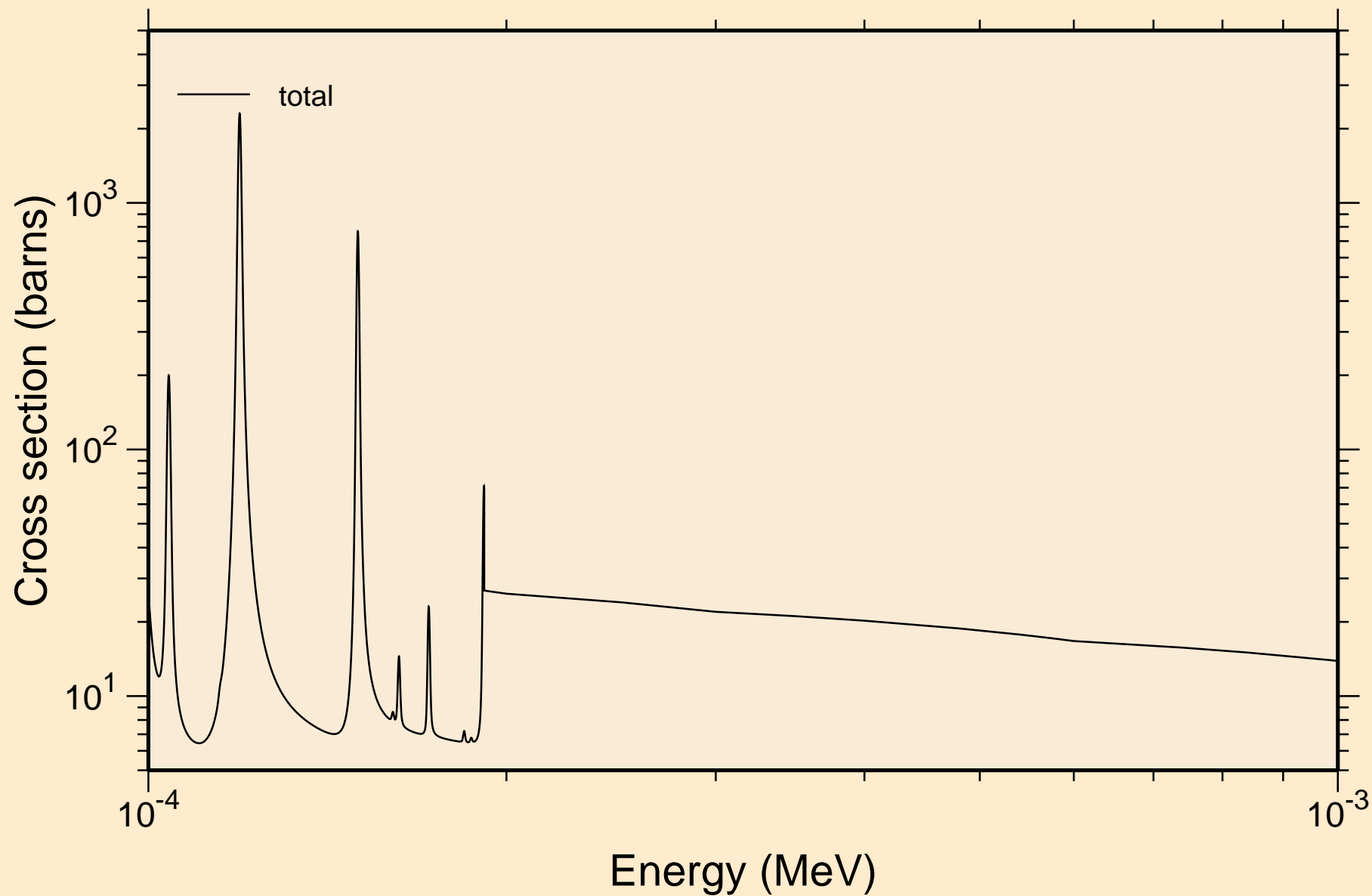
Principal cross sections



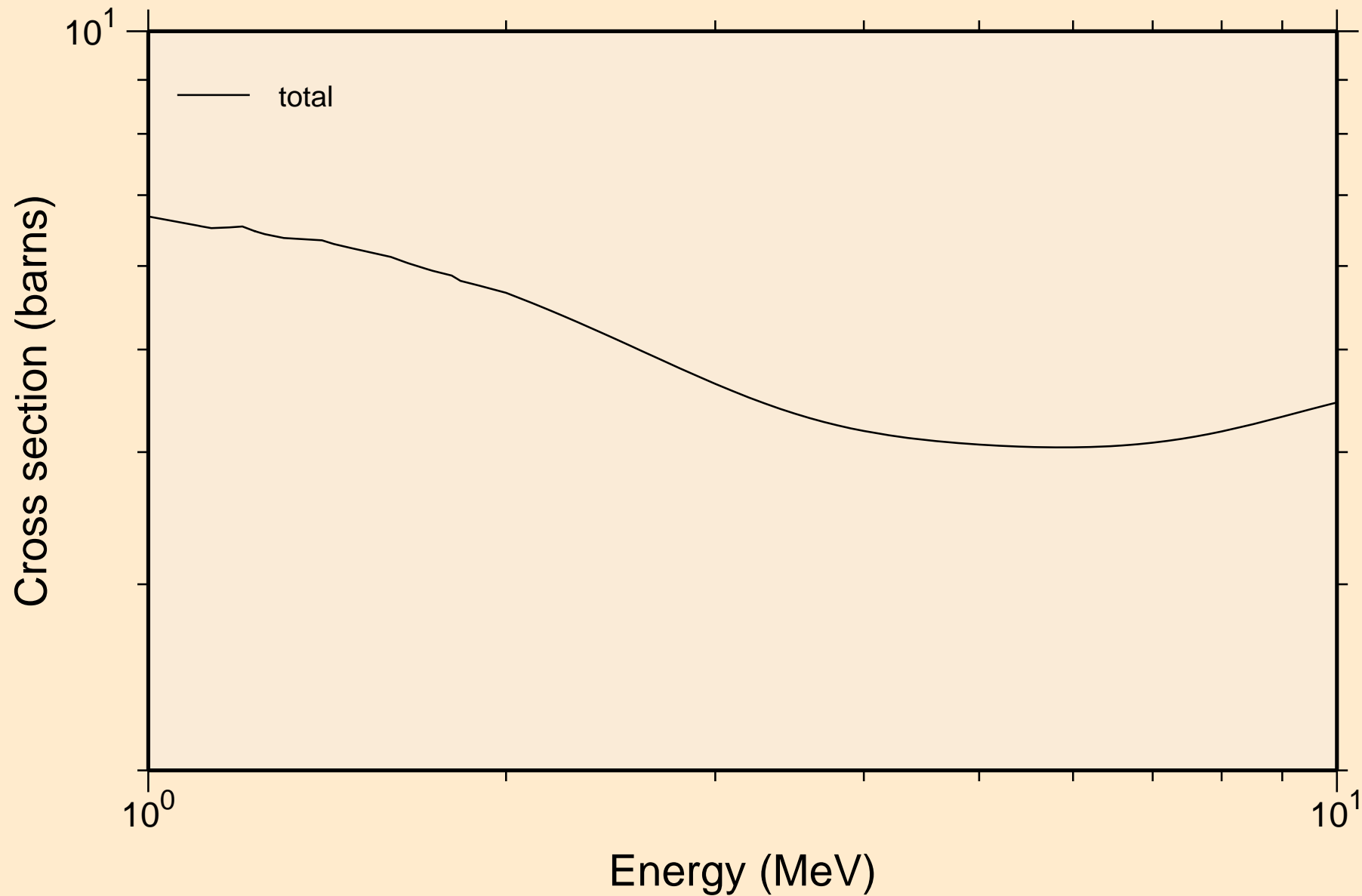
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resonance total cross section



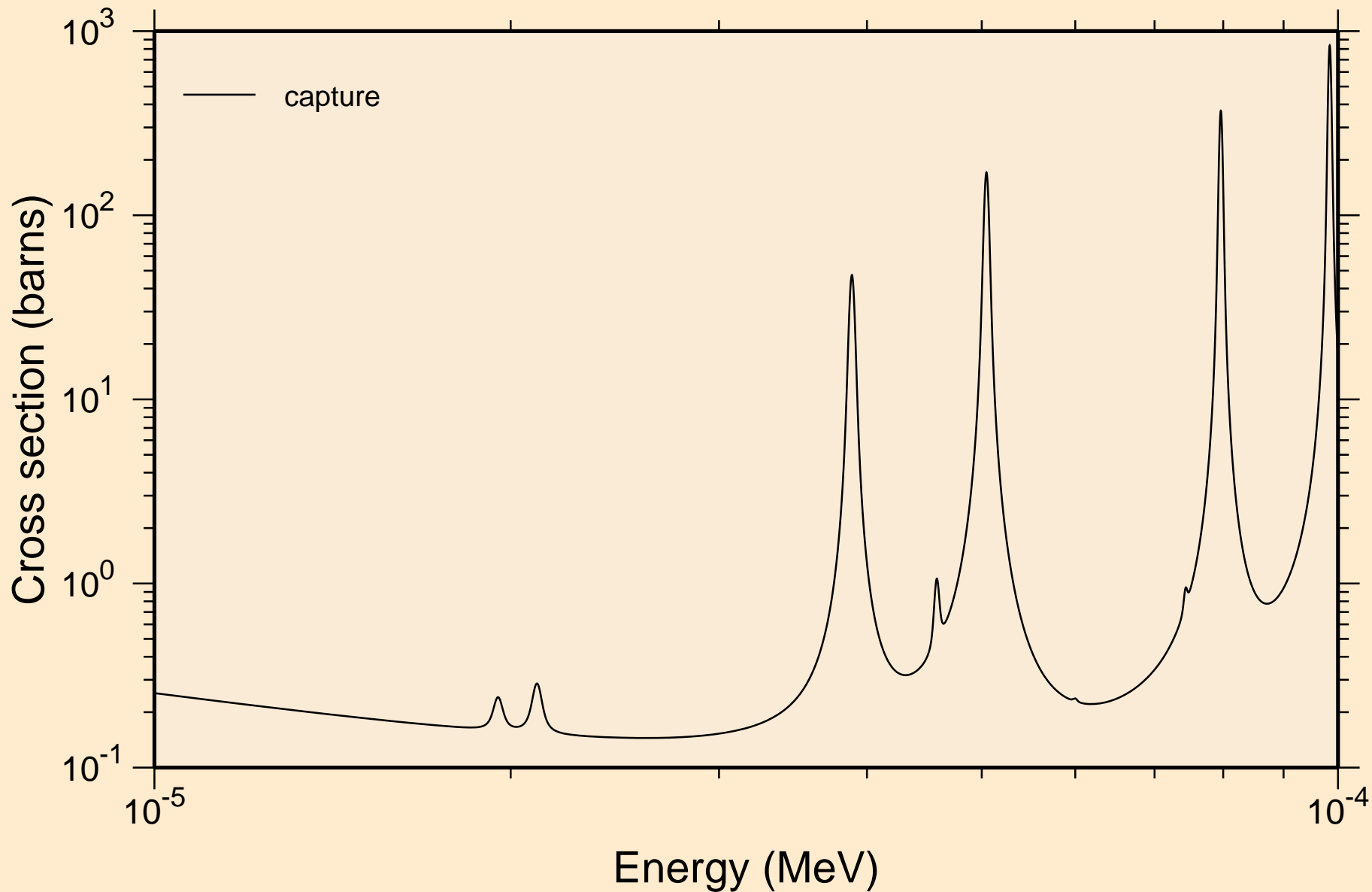
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



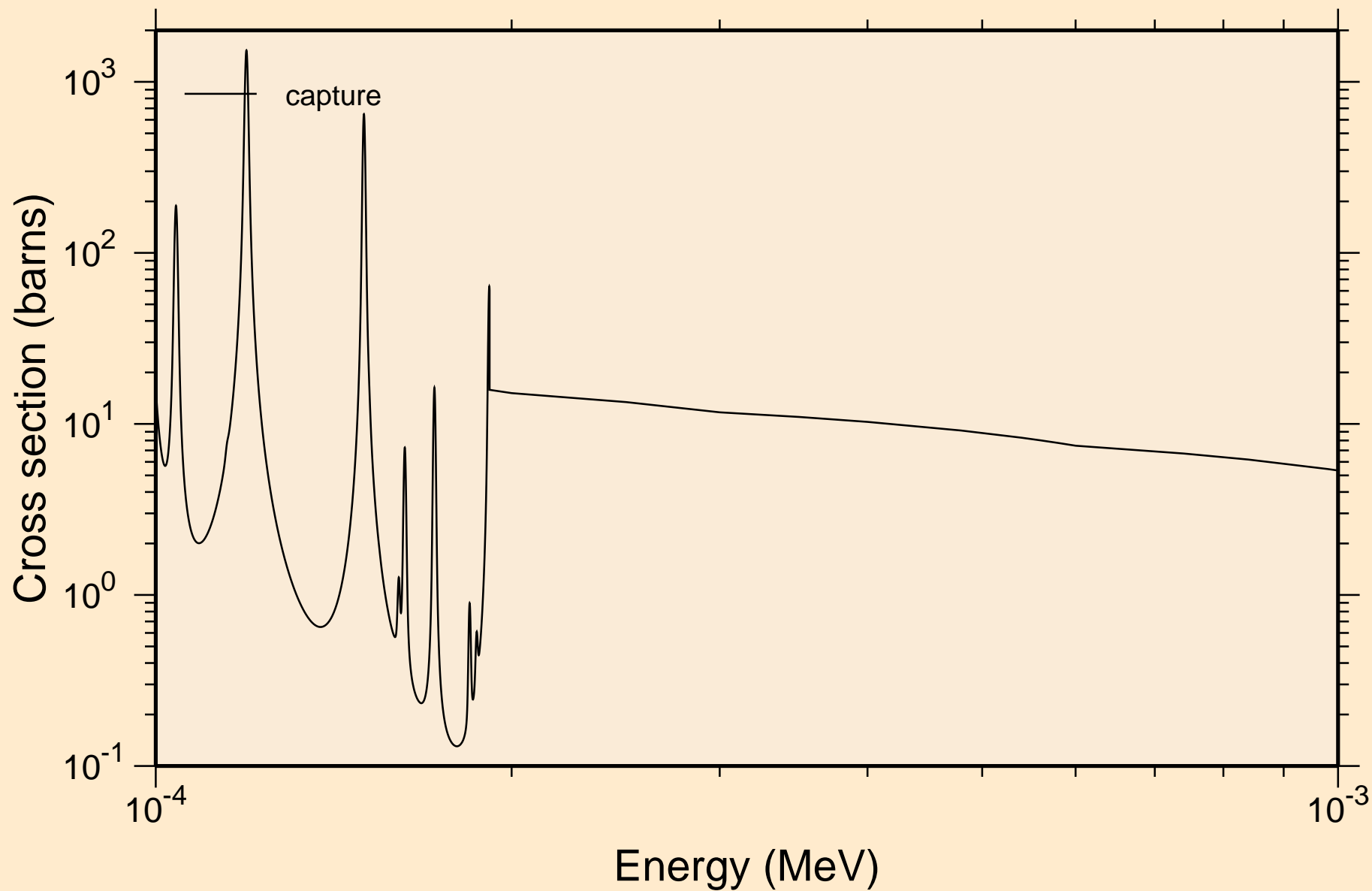
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



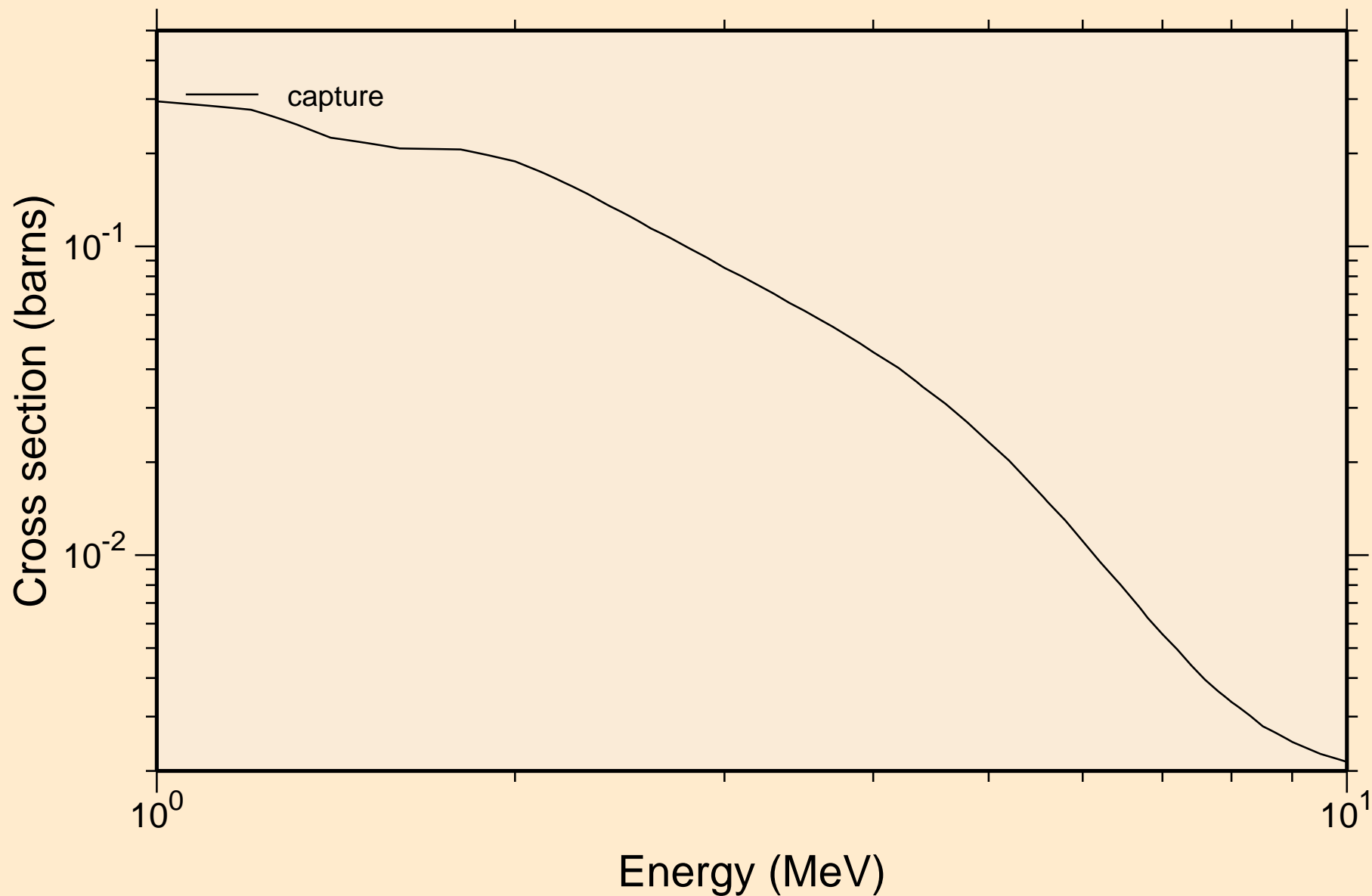
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resonance absorption cross sections



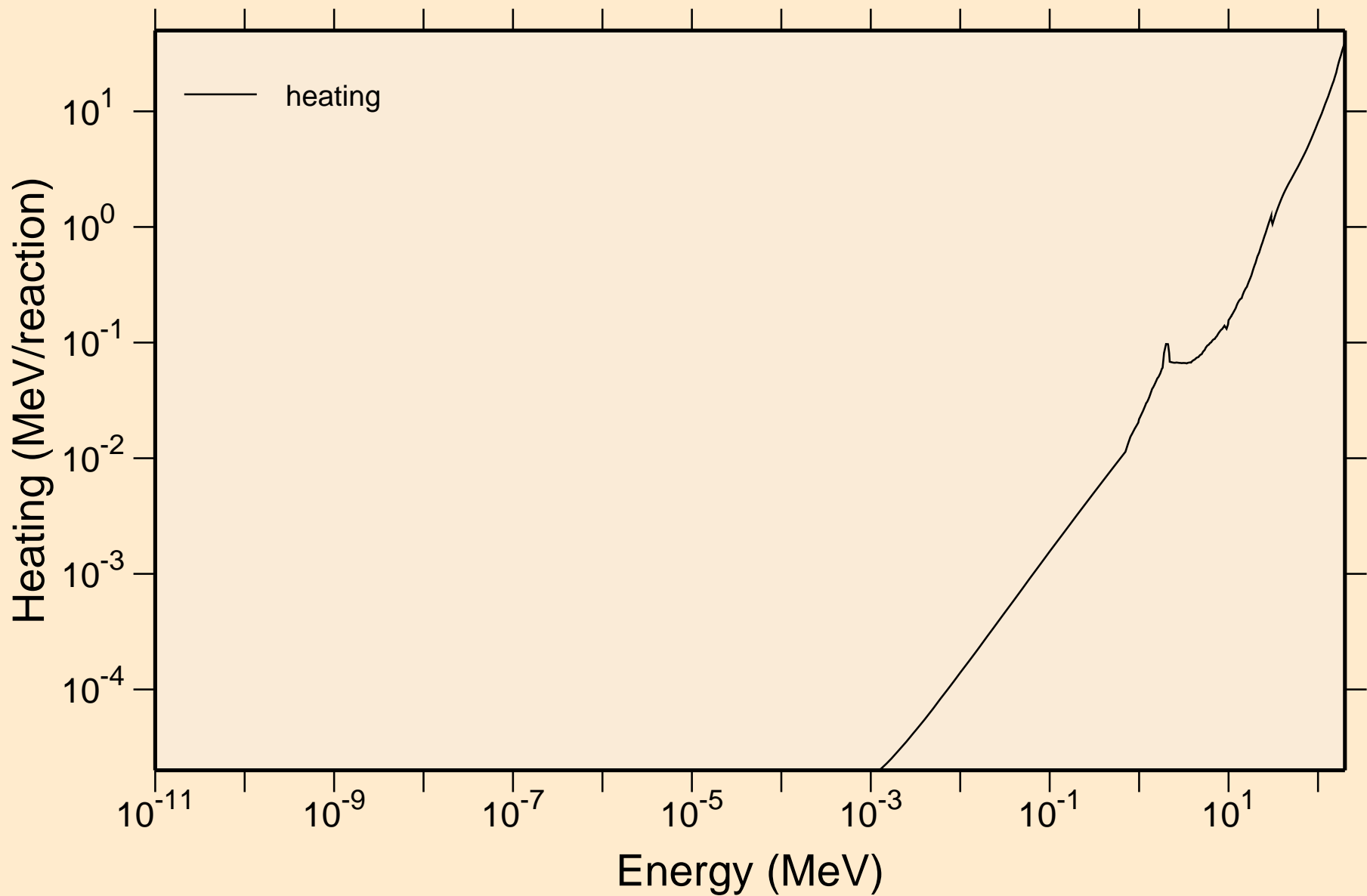
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resonance absorption cross sections



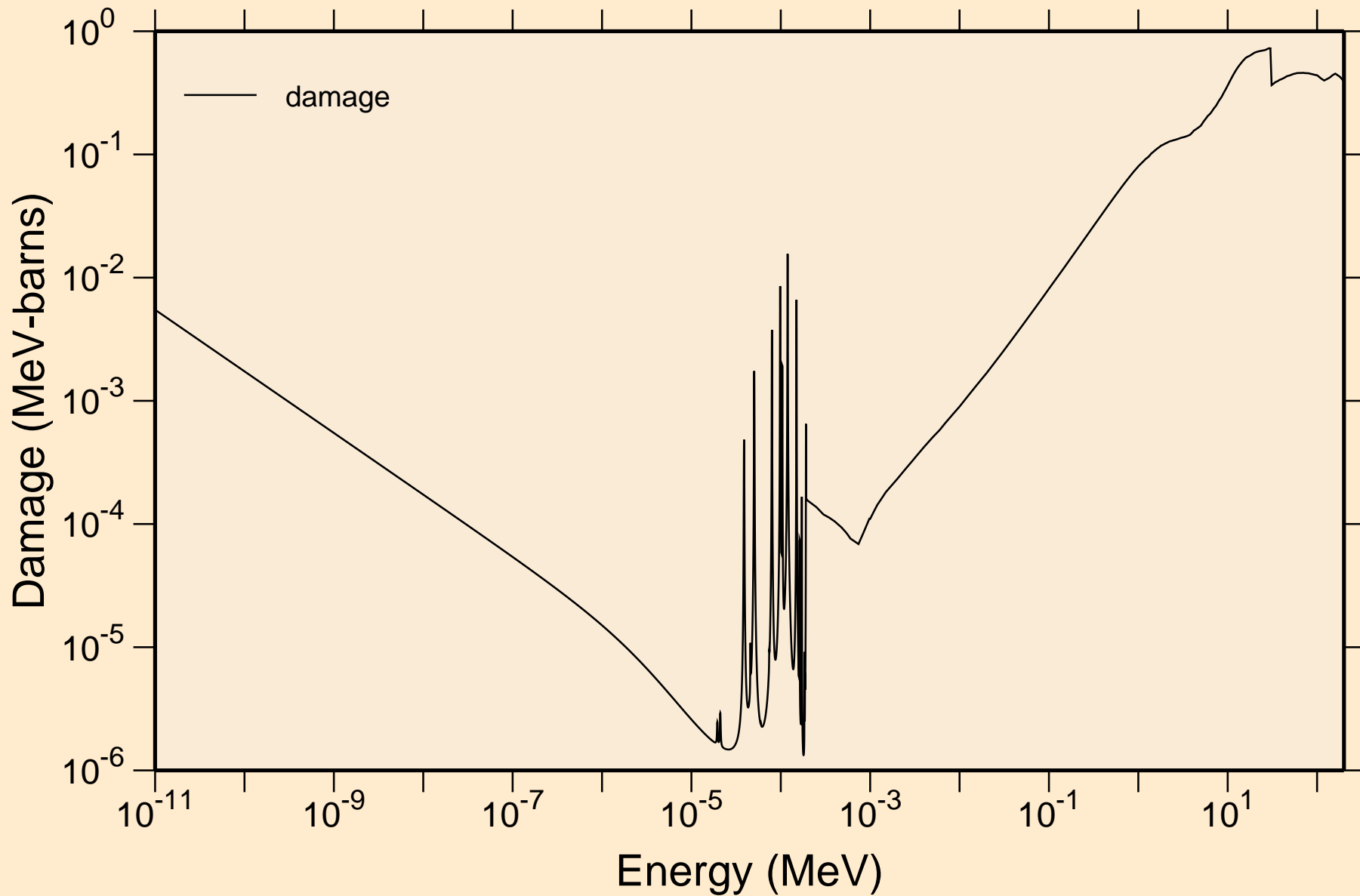
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



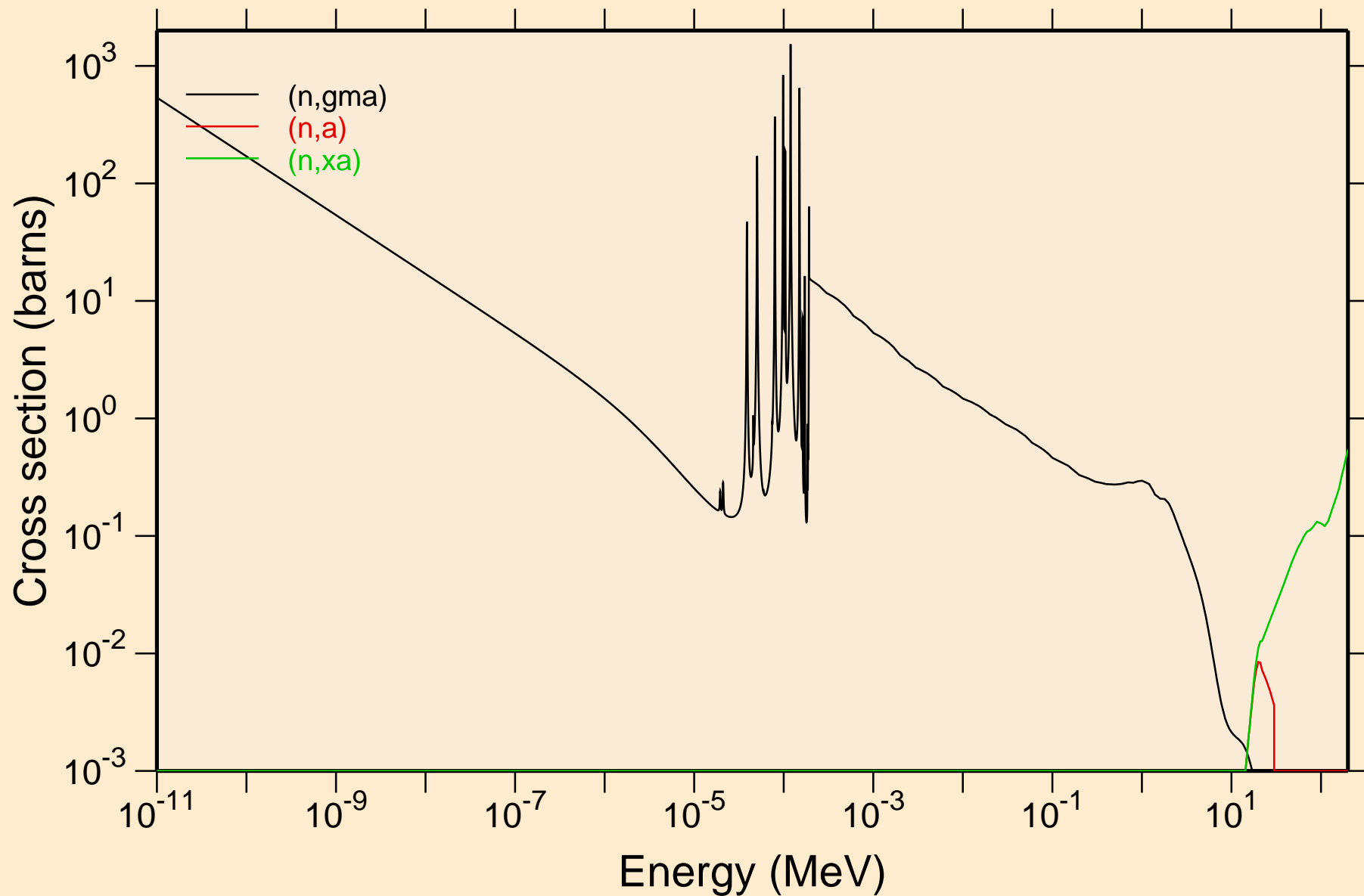
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



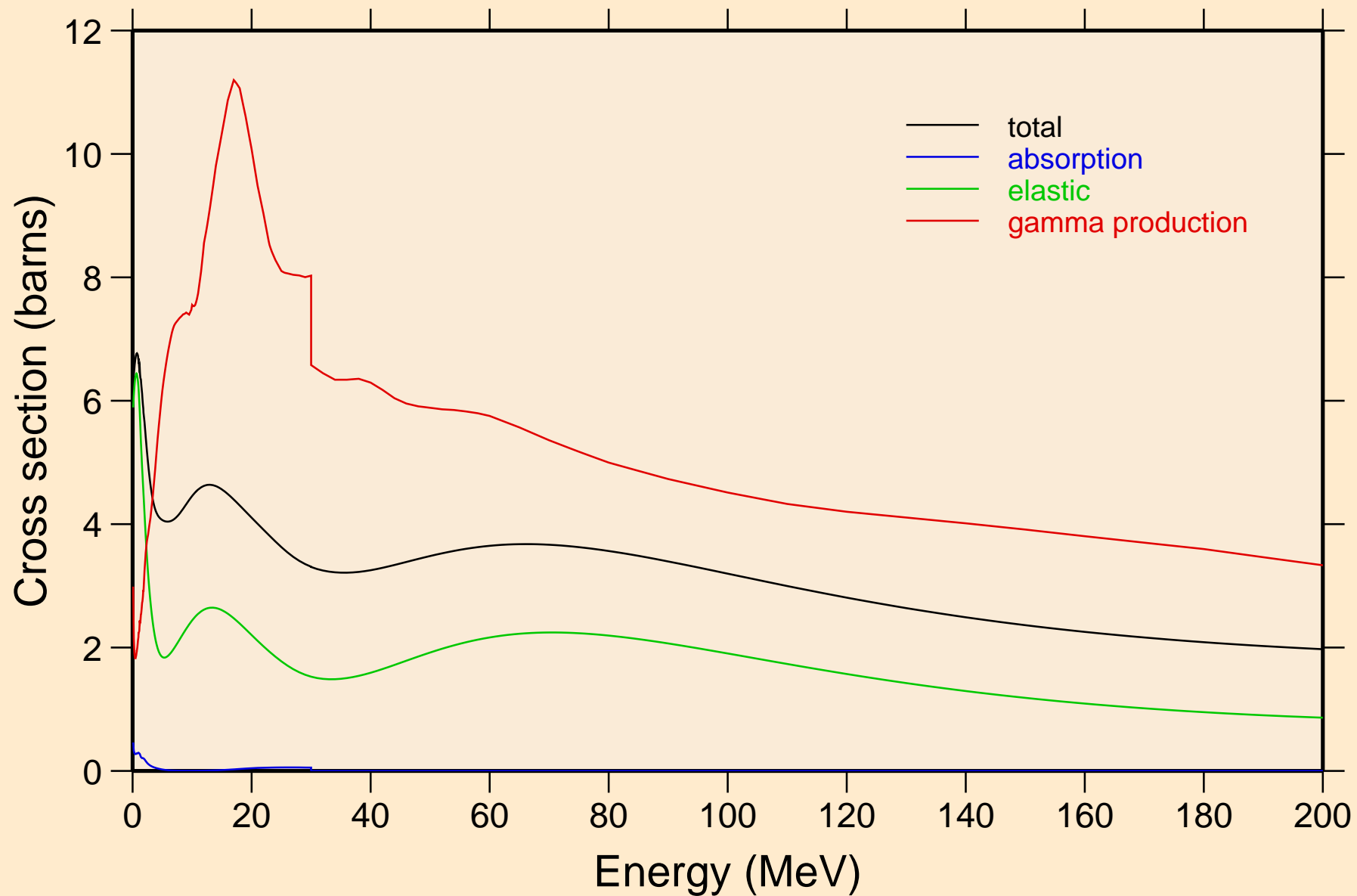
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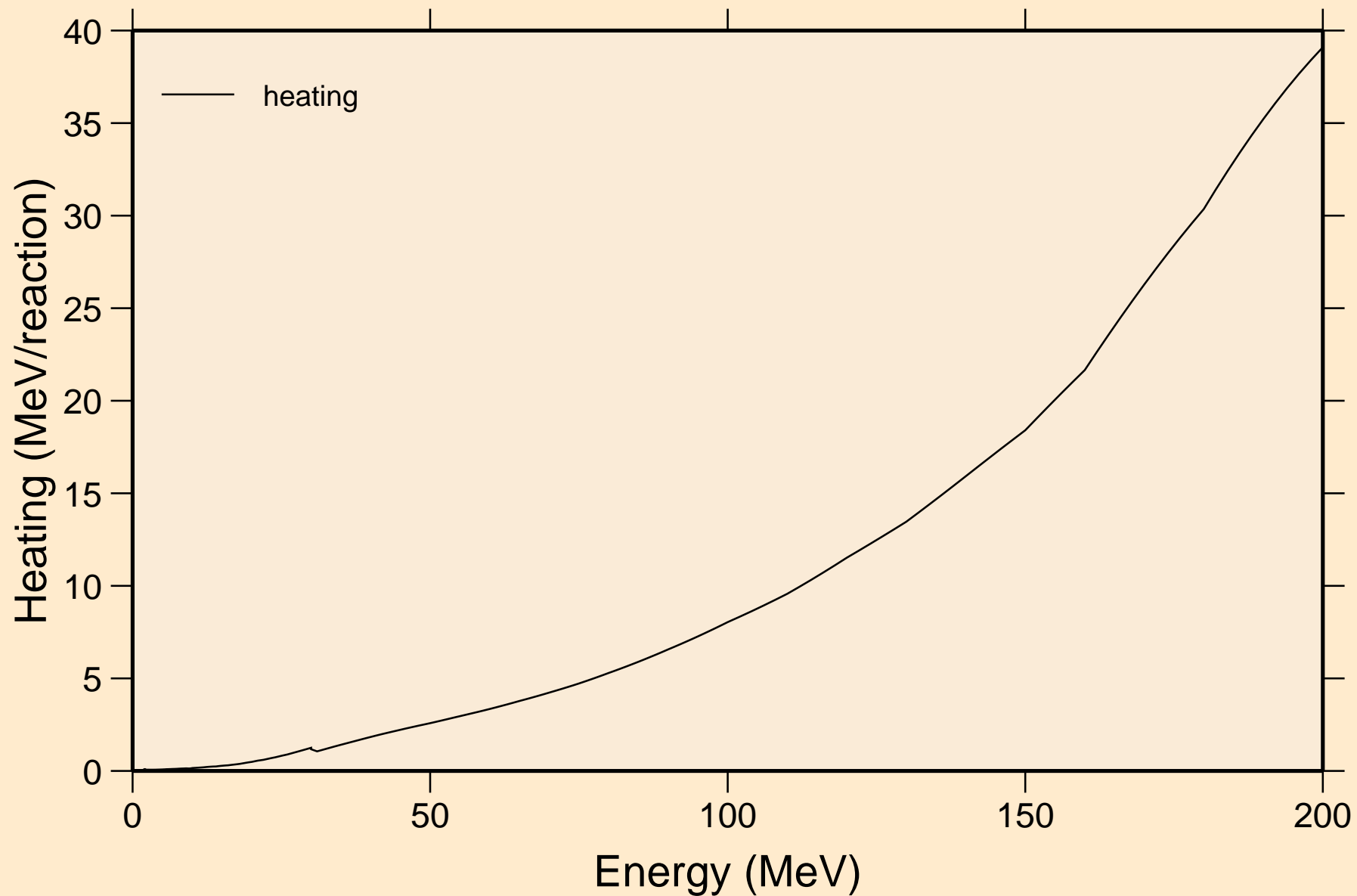
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



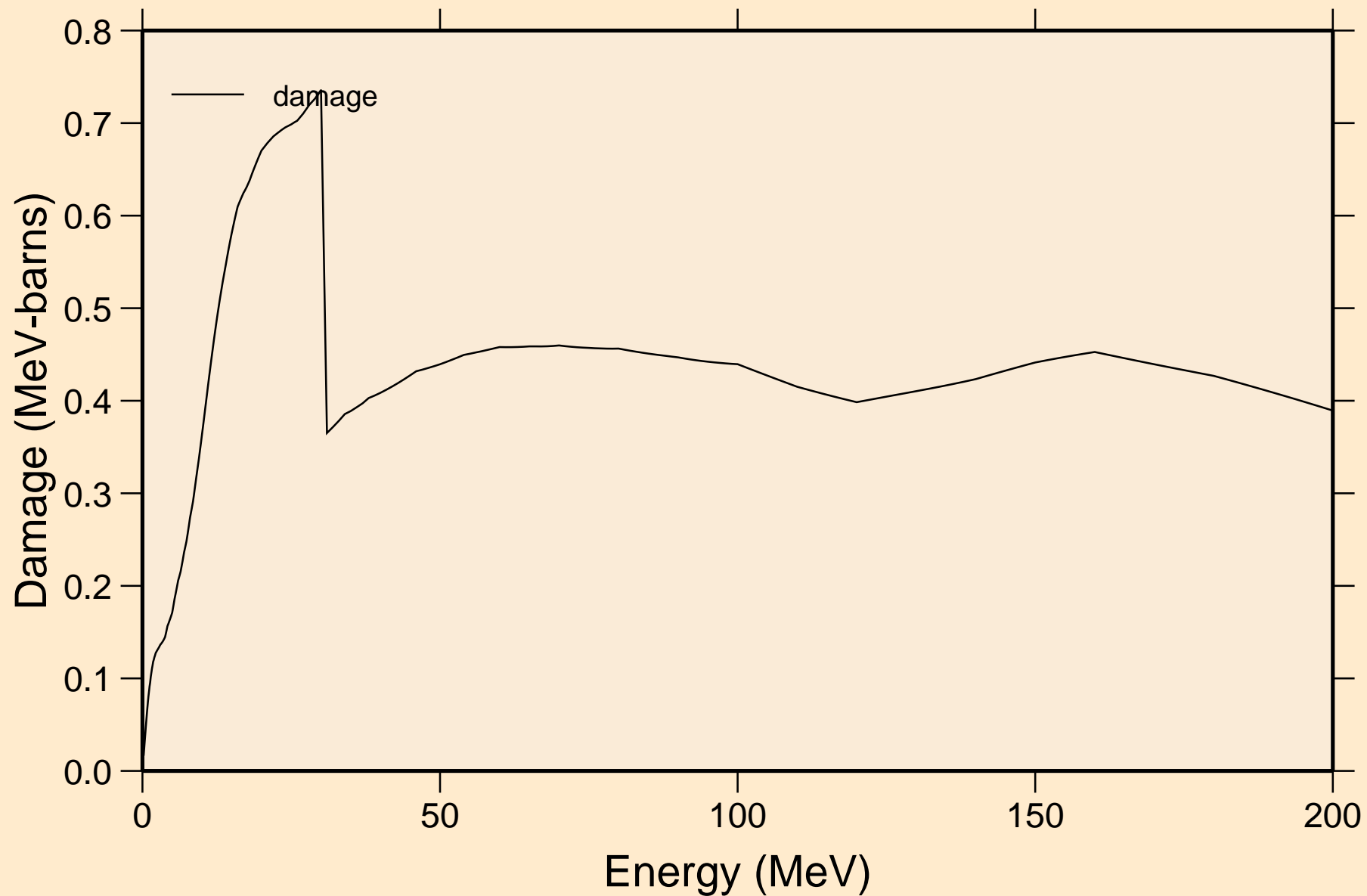
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Principal cross sections



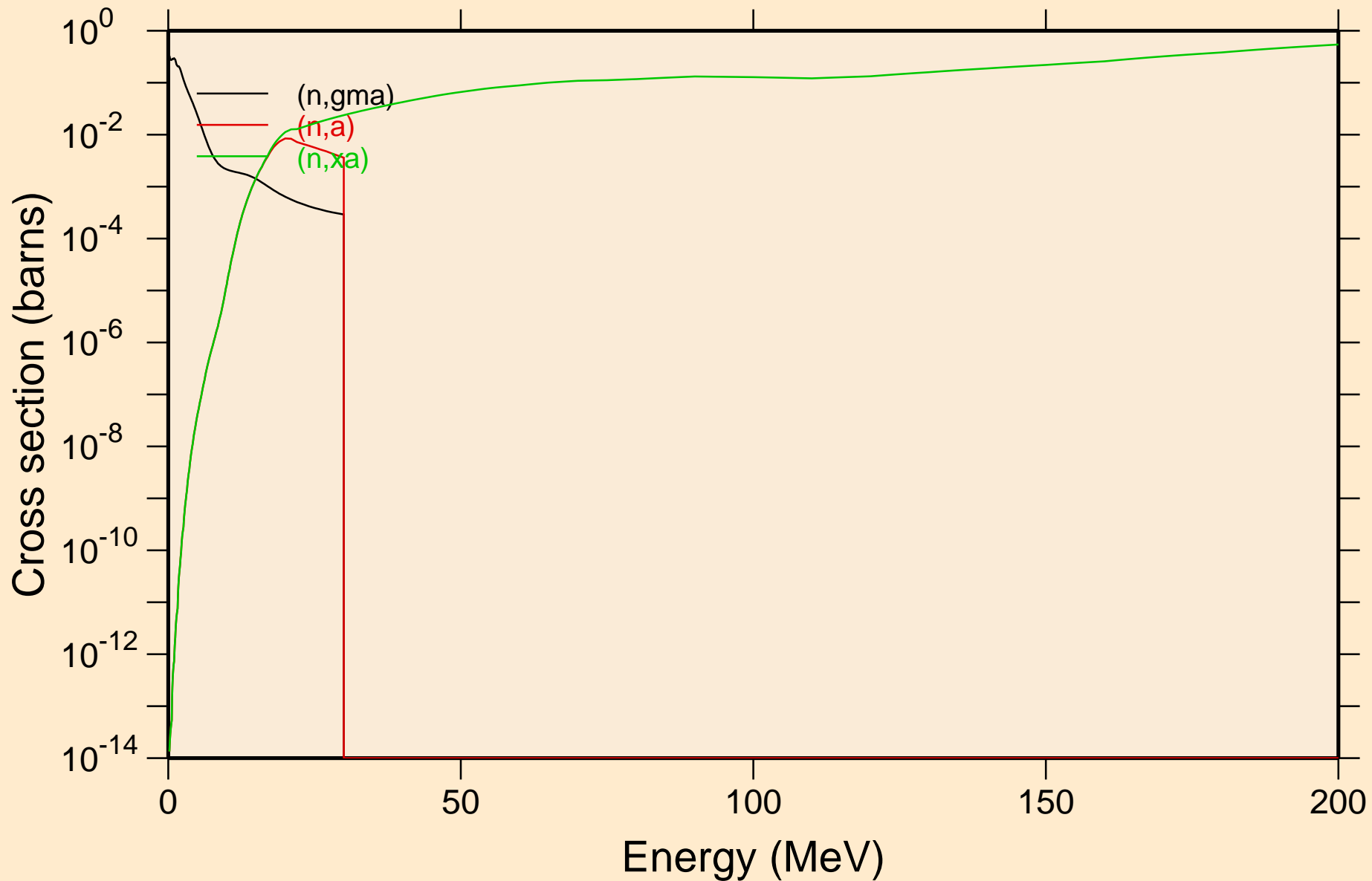
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Heating



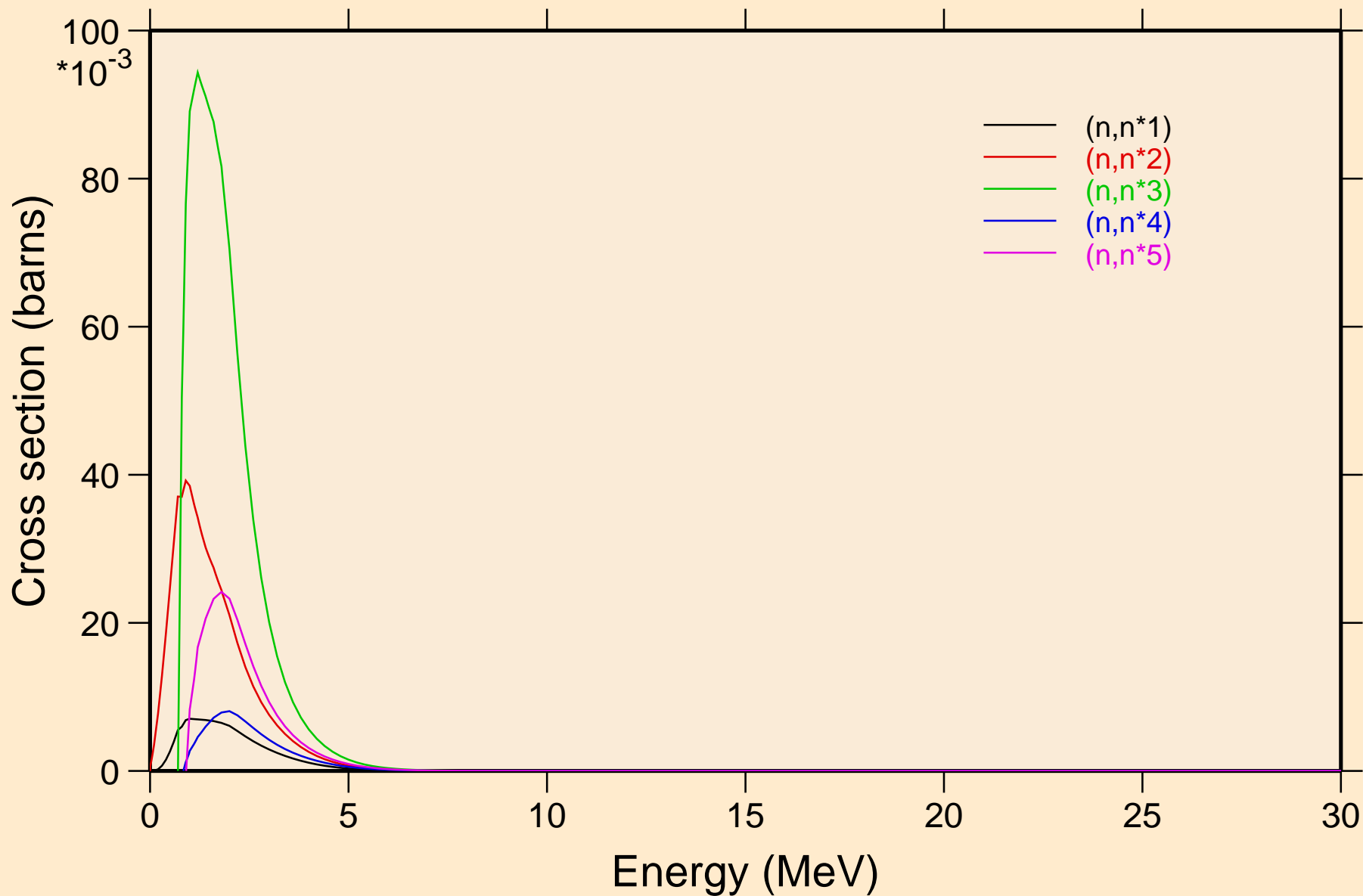
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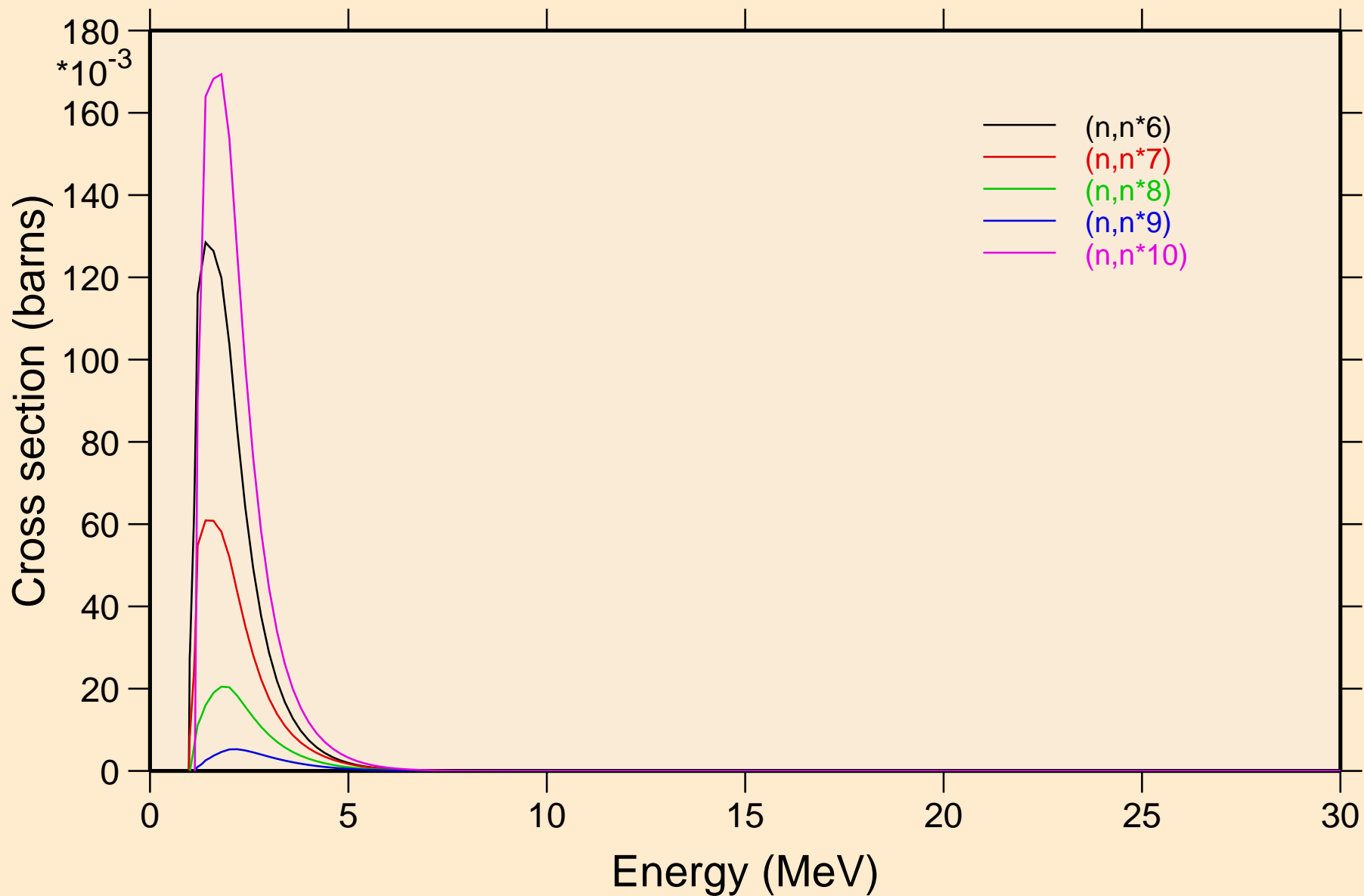
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

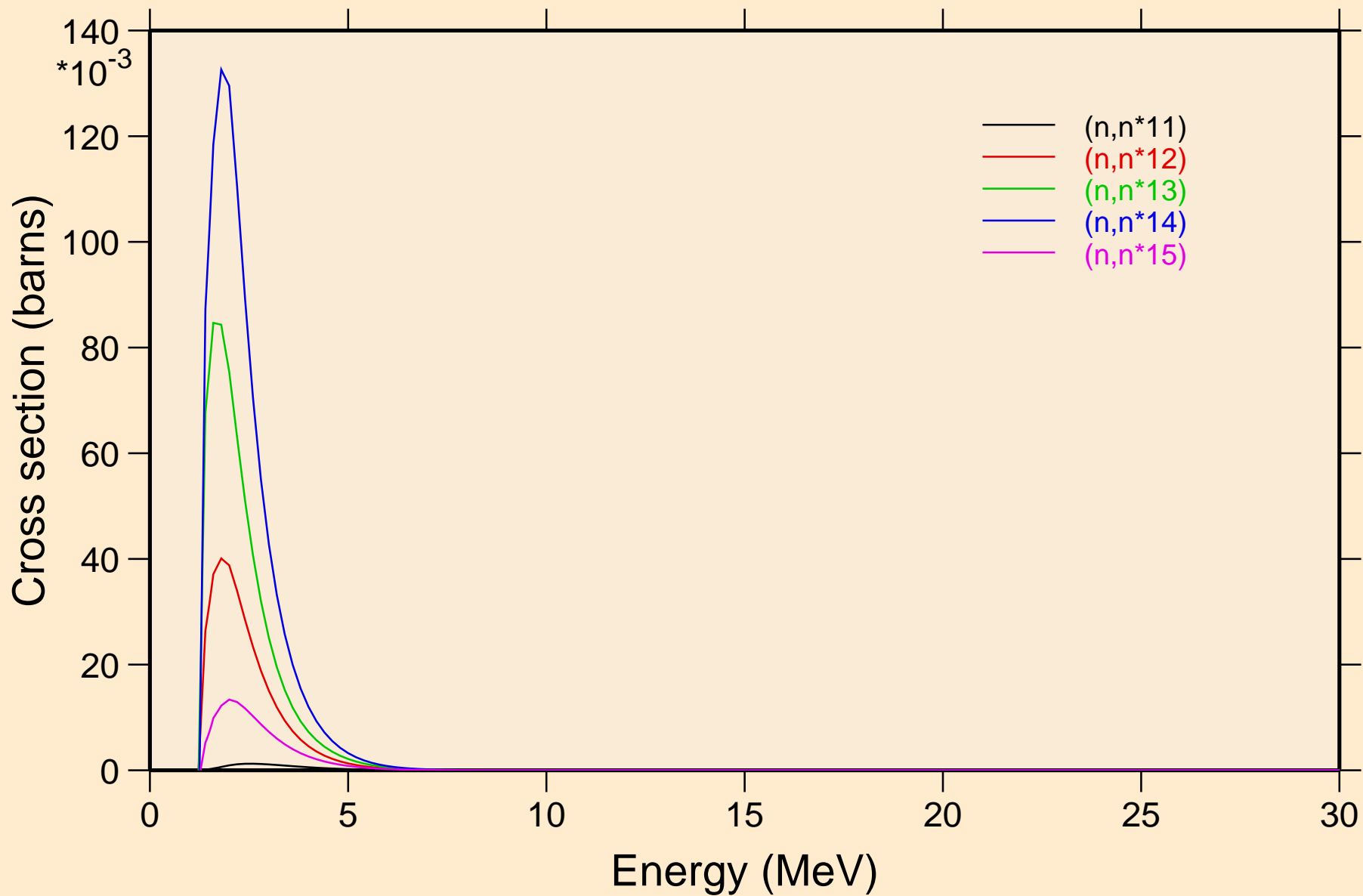


SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



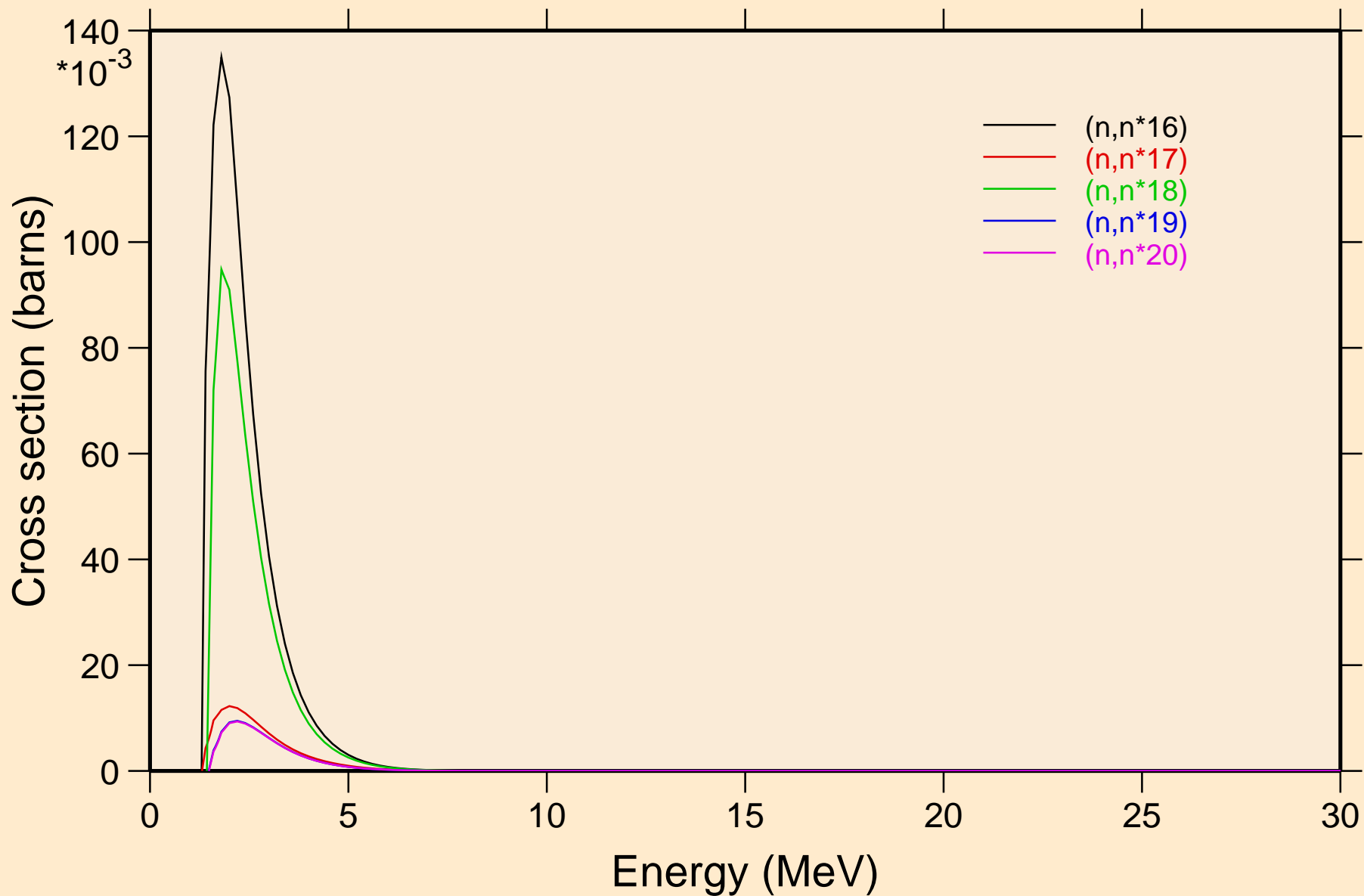
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Inelastic levels

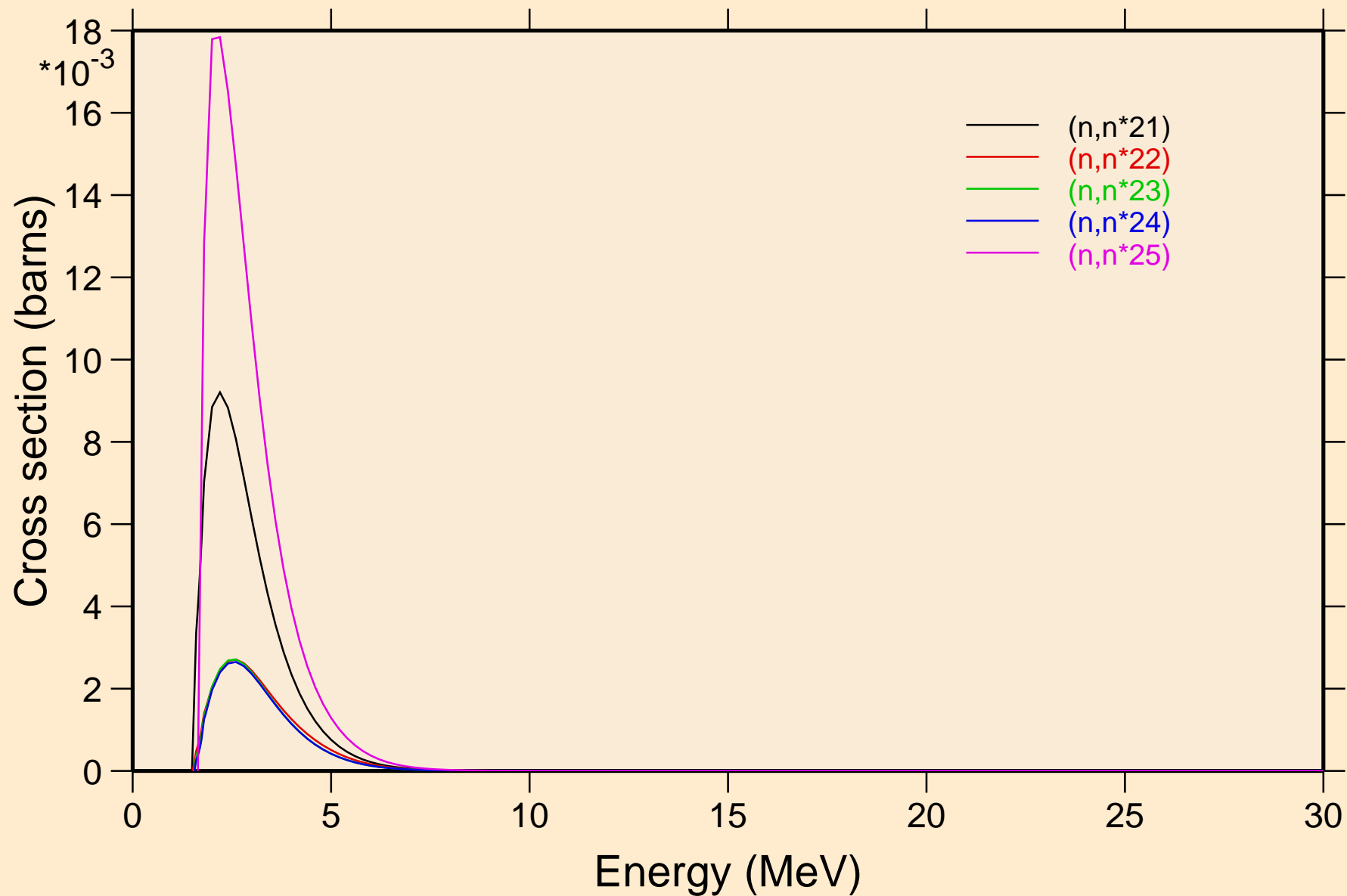


SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

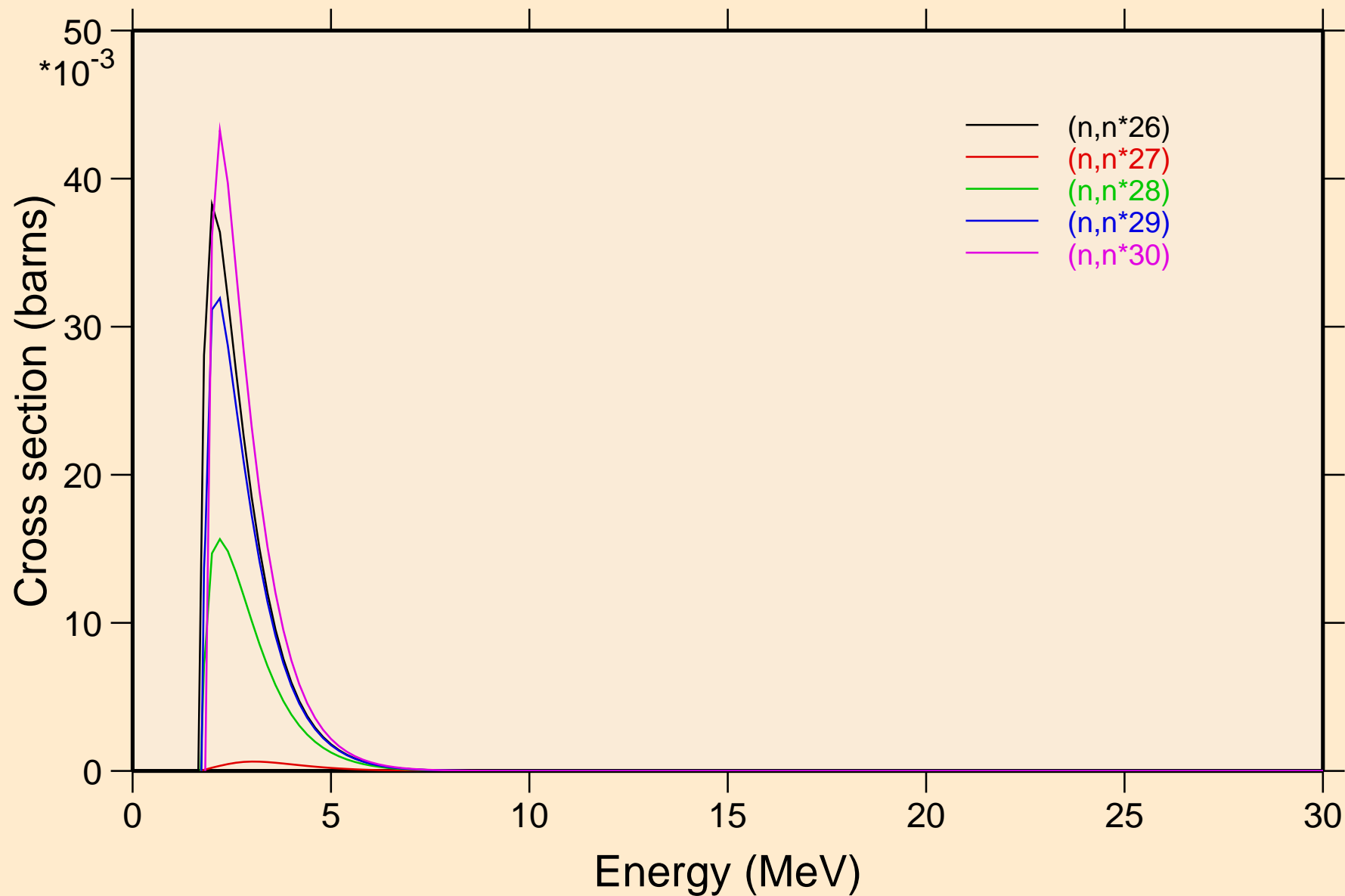
Inelastic levels



SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

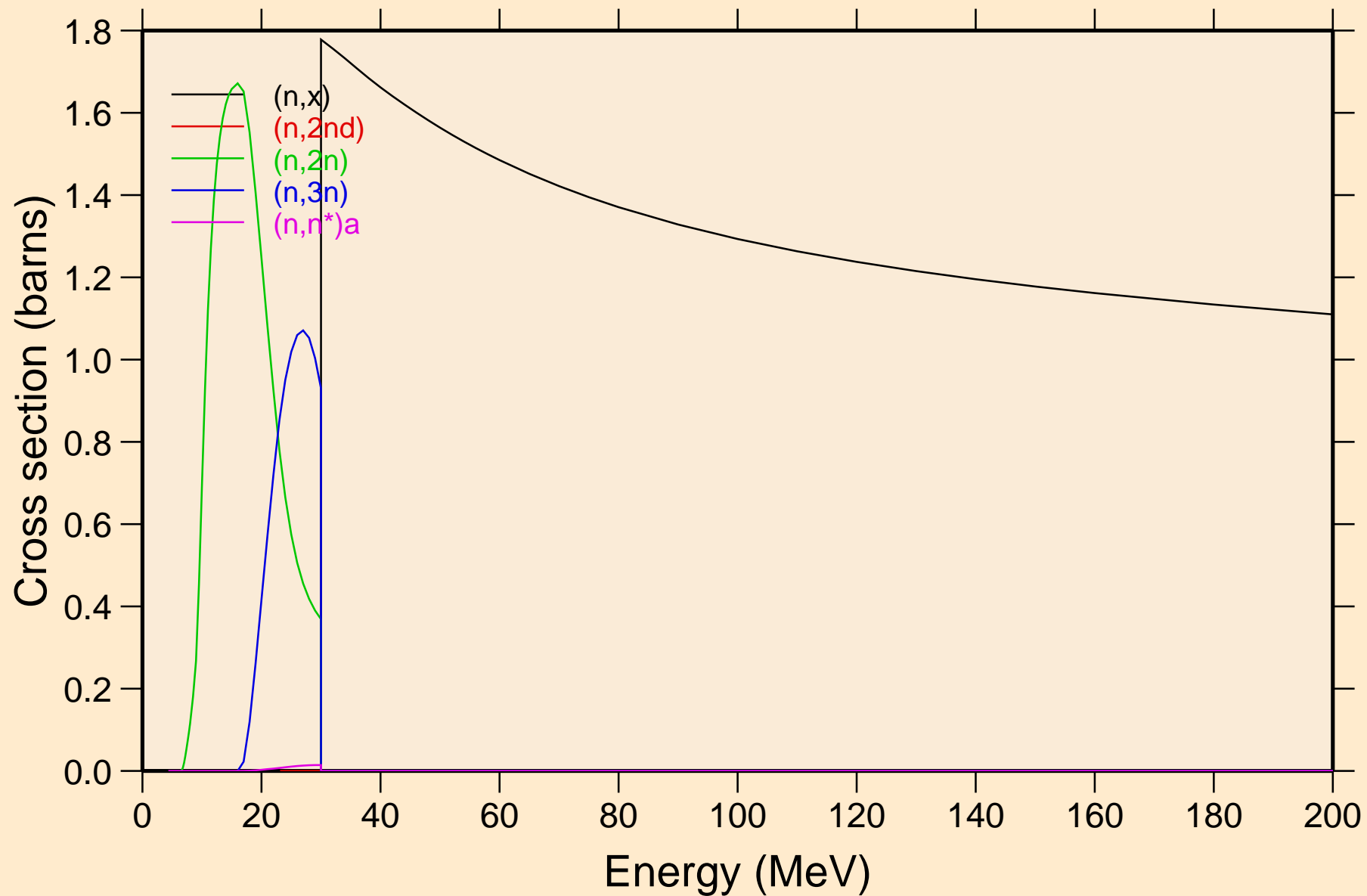


SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



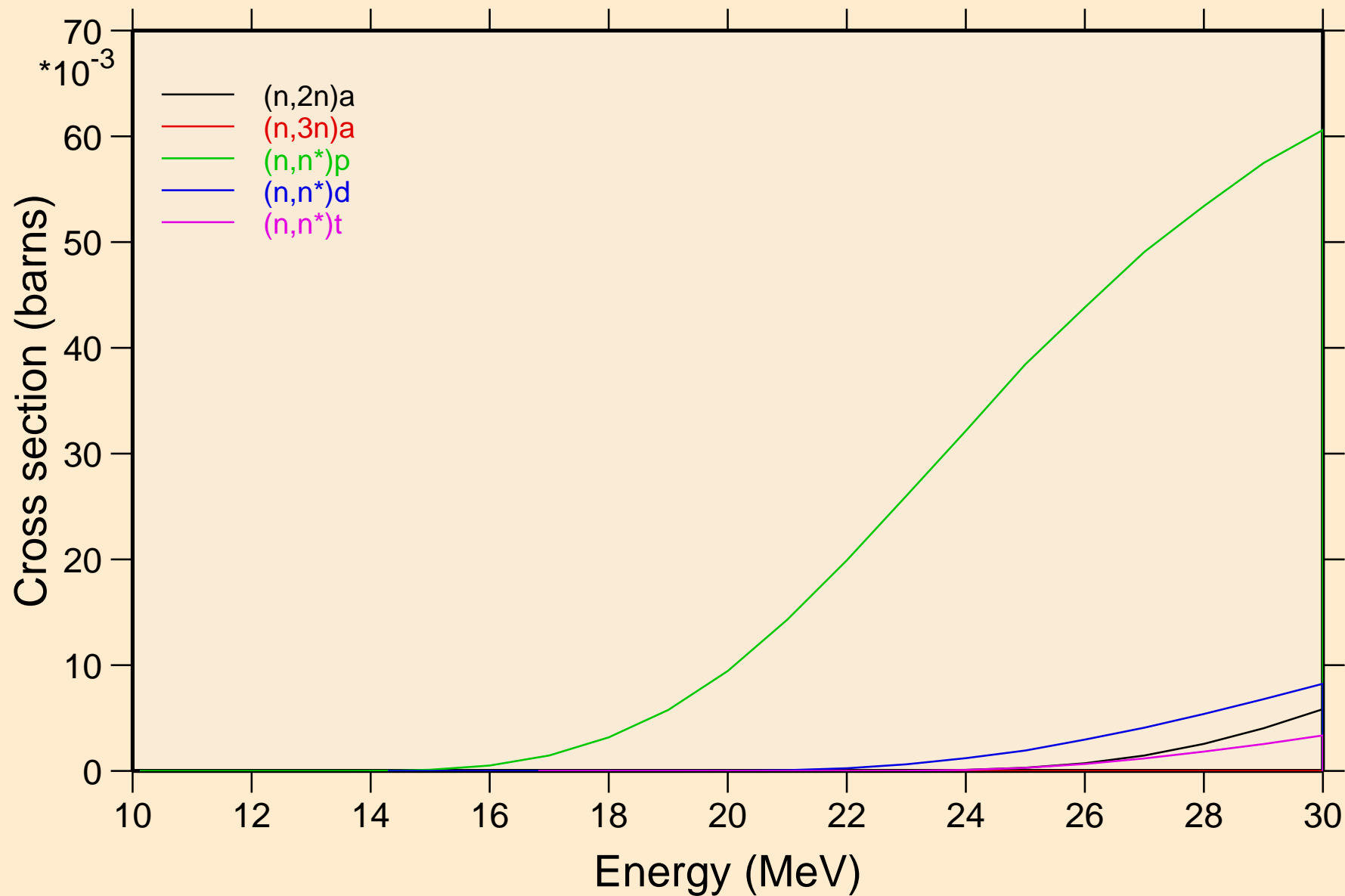
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions



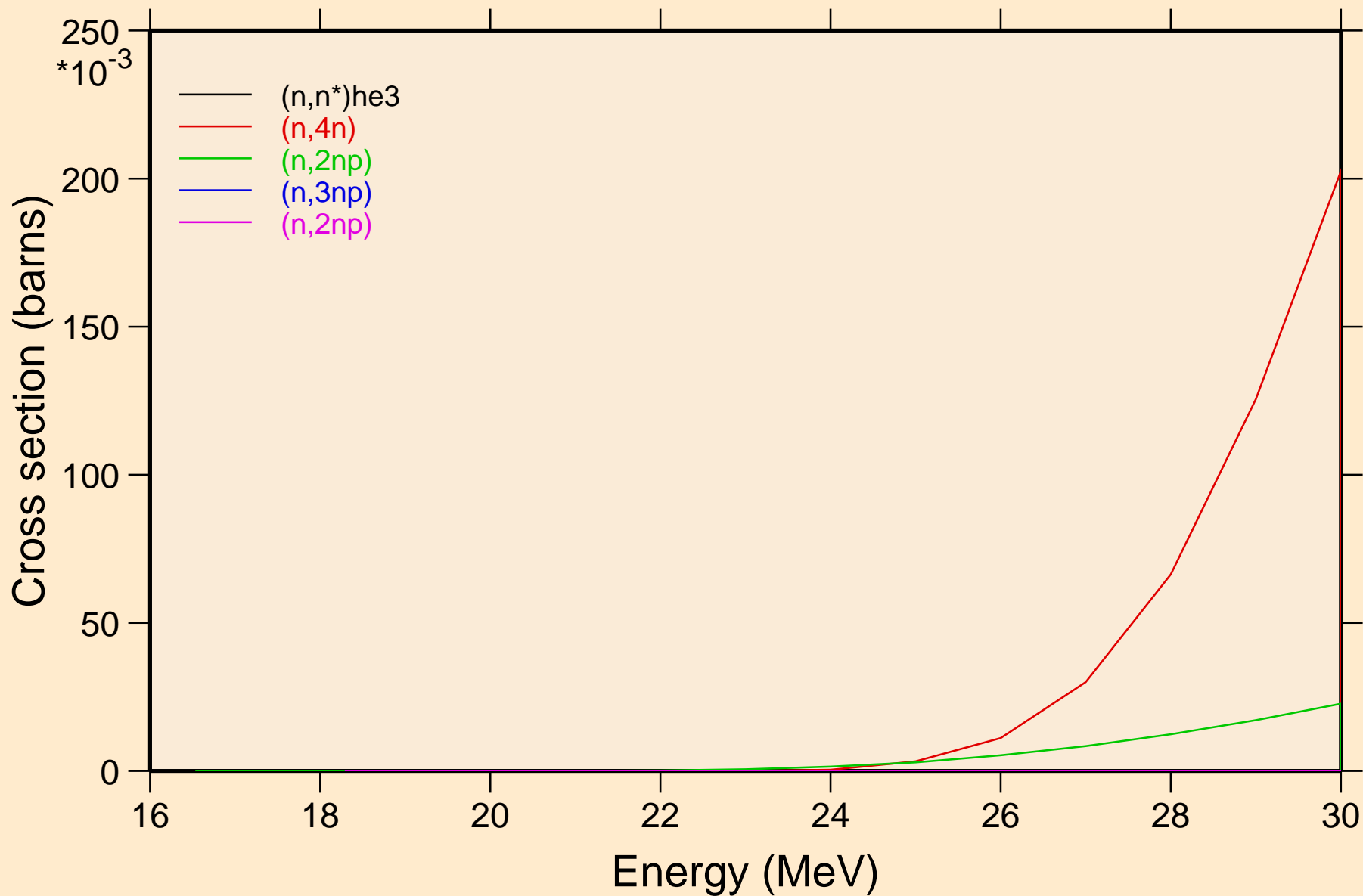
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

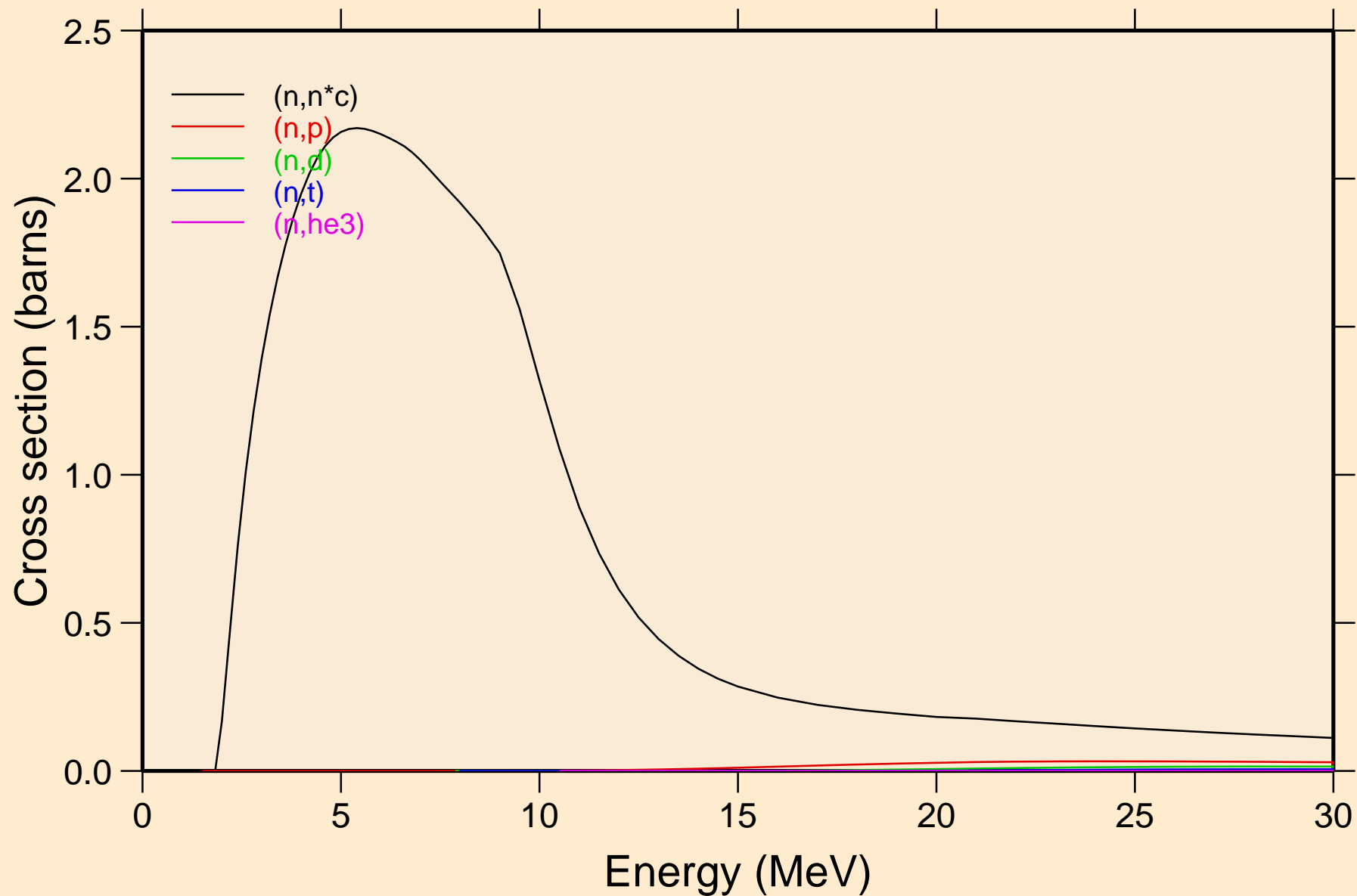


SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

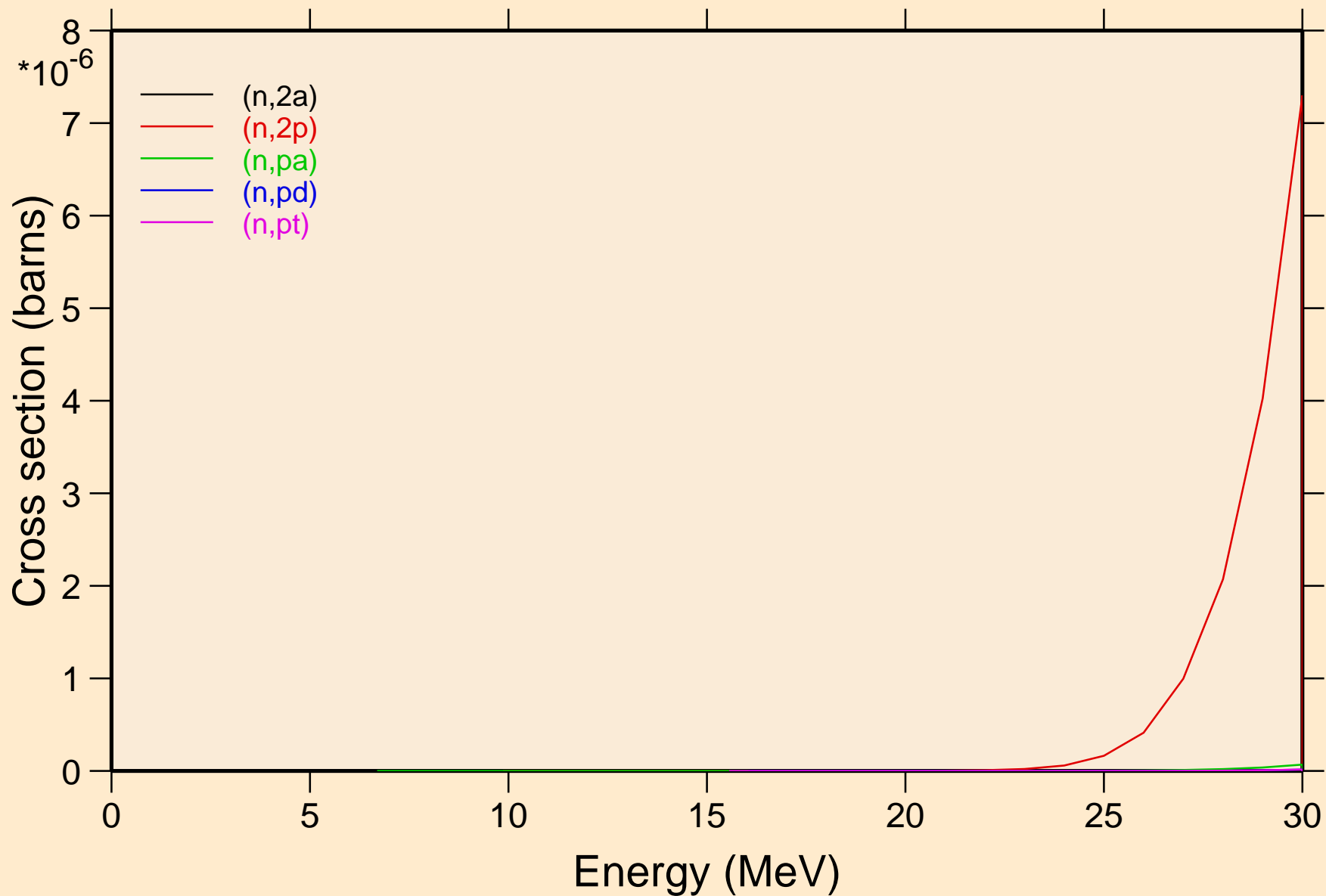
Threshold reactions



SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

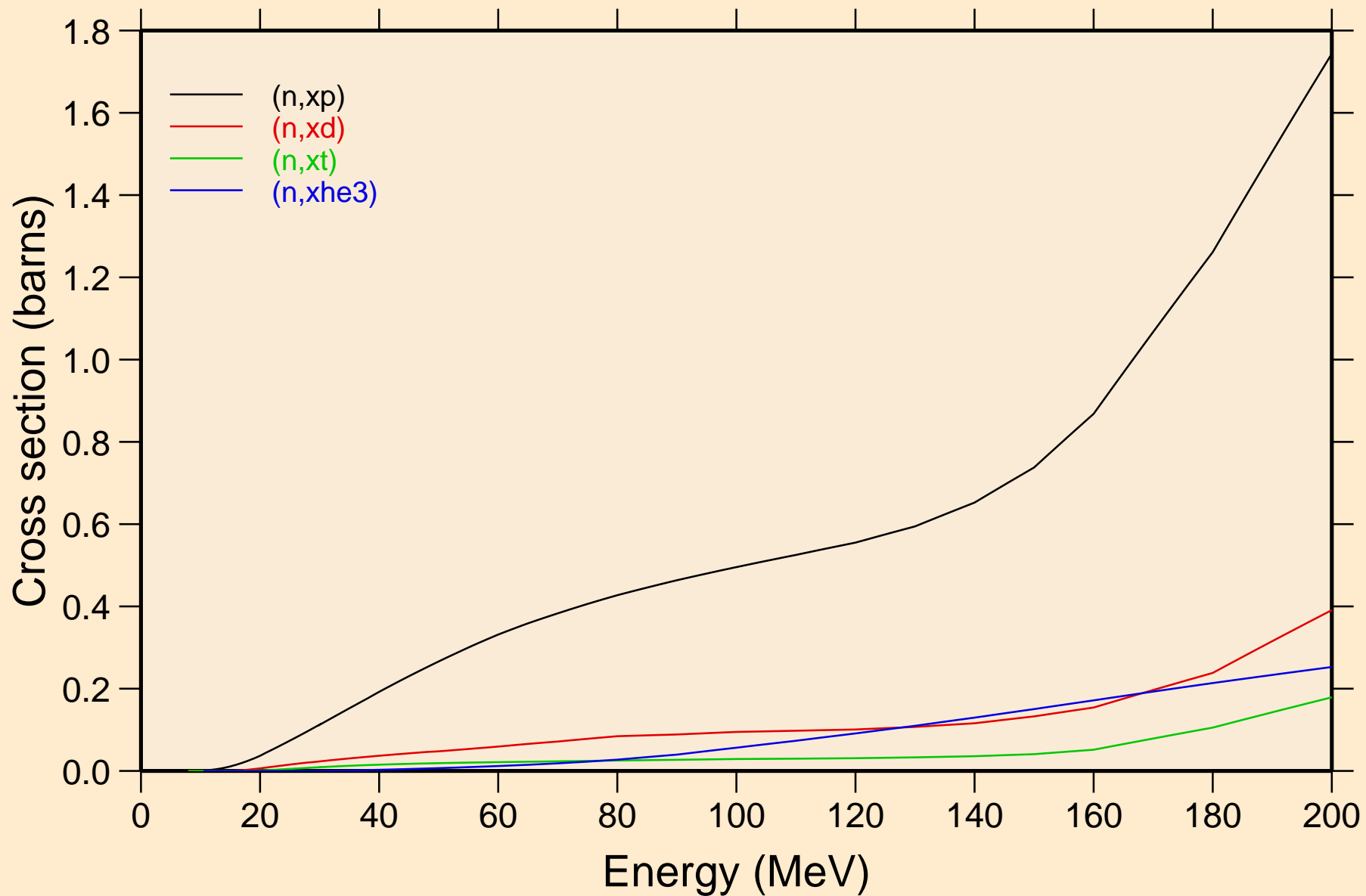


SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

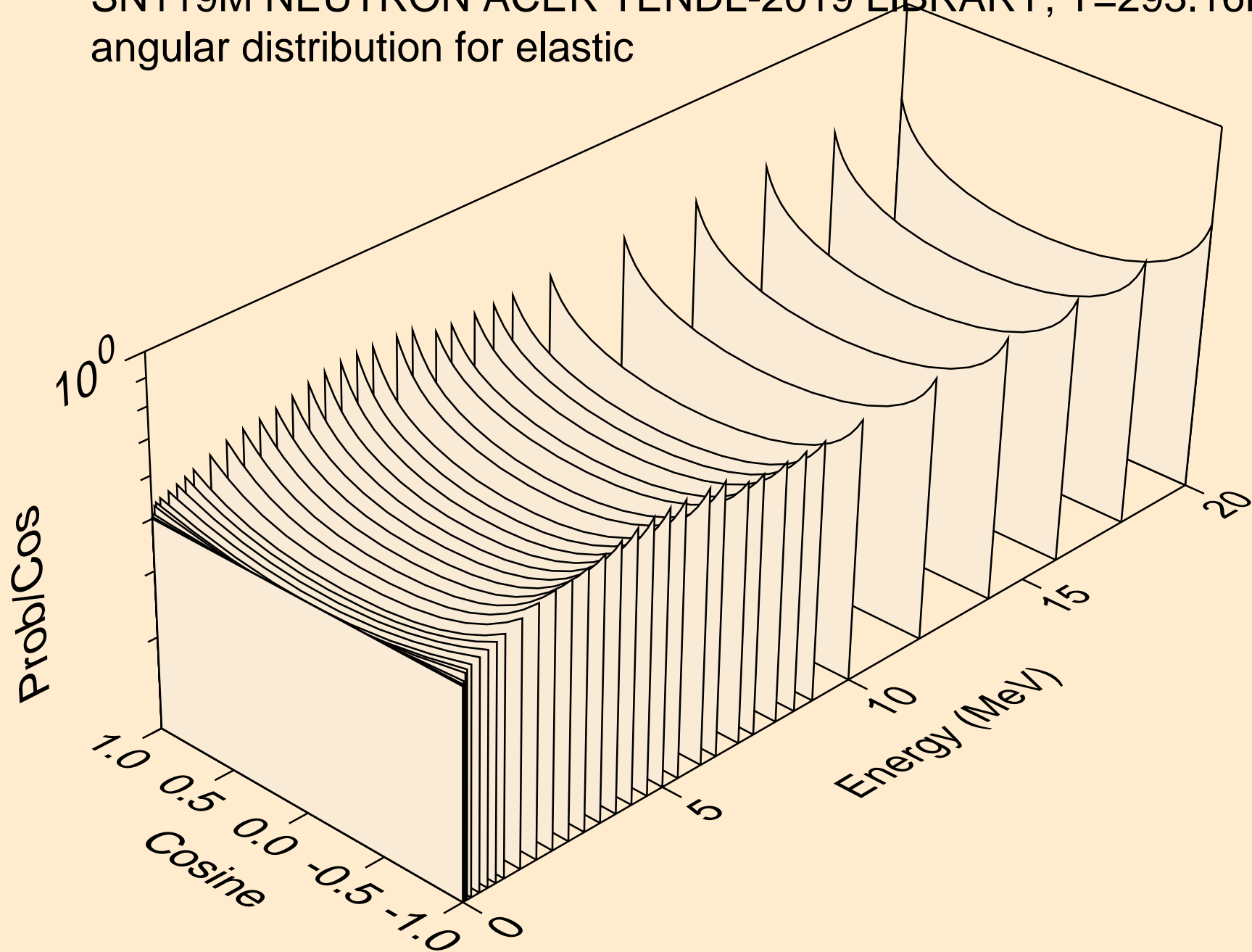


SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

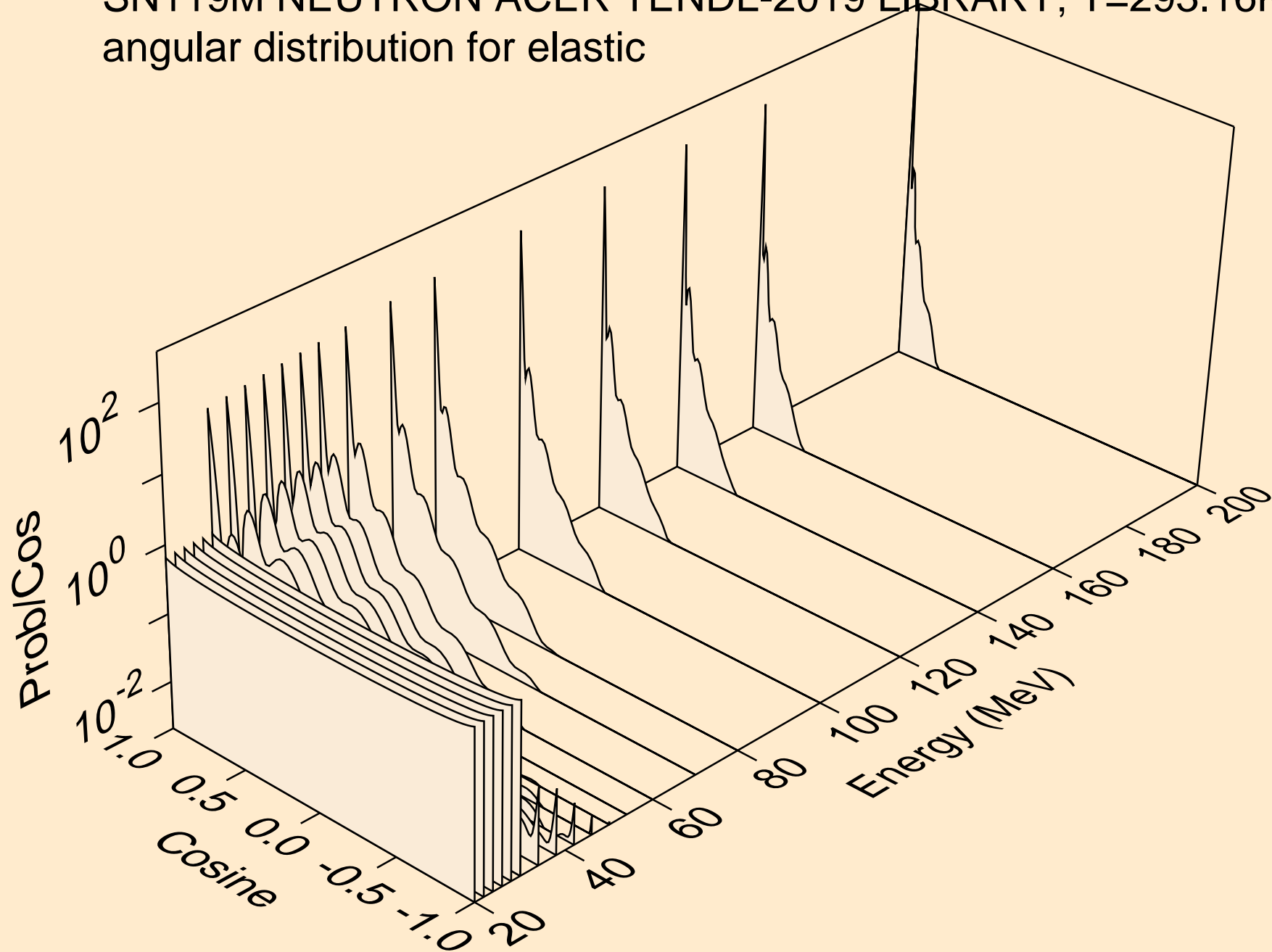
Threshold reactions



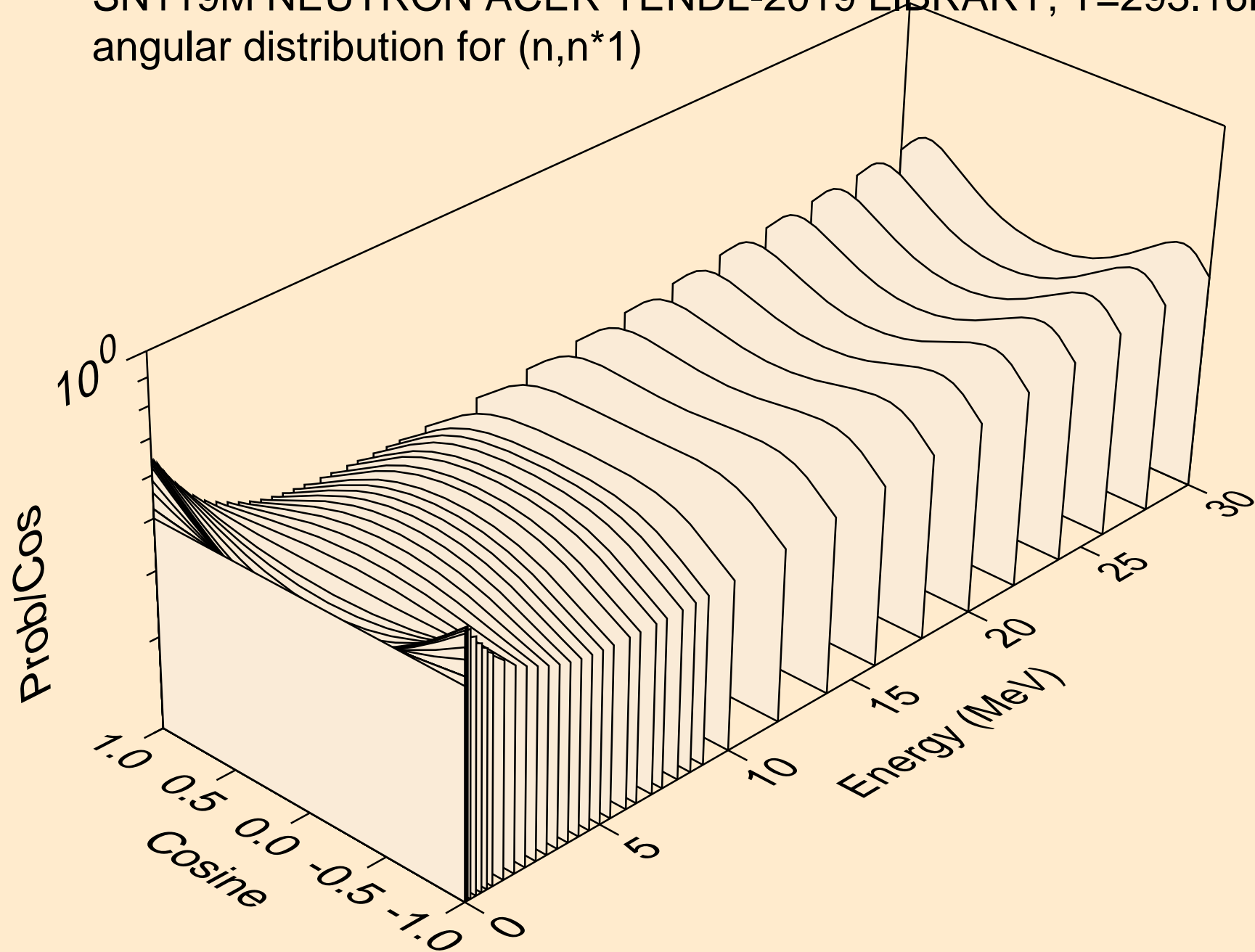
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



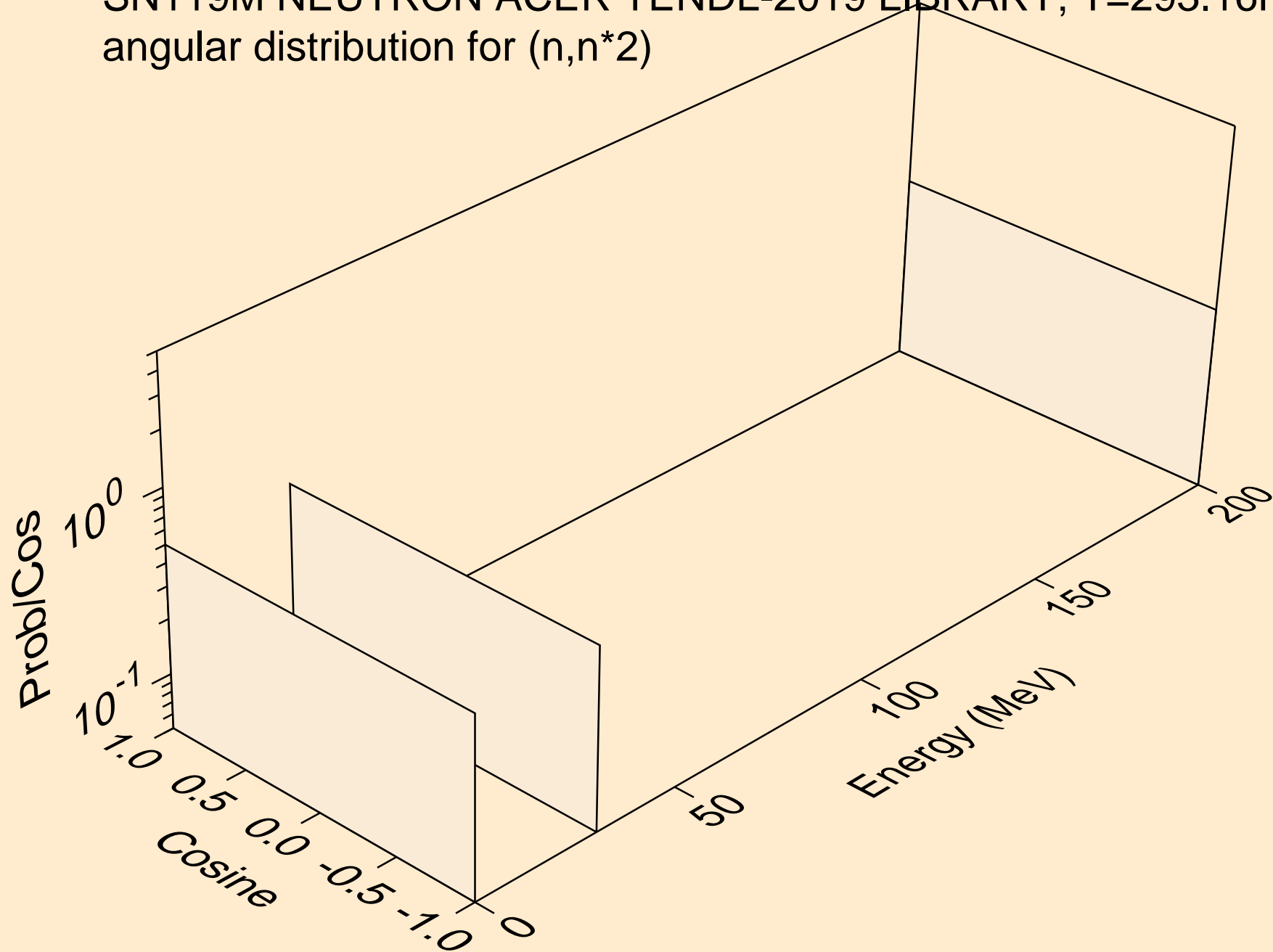
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angular distribution for elastic



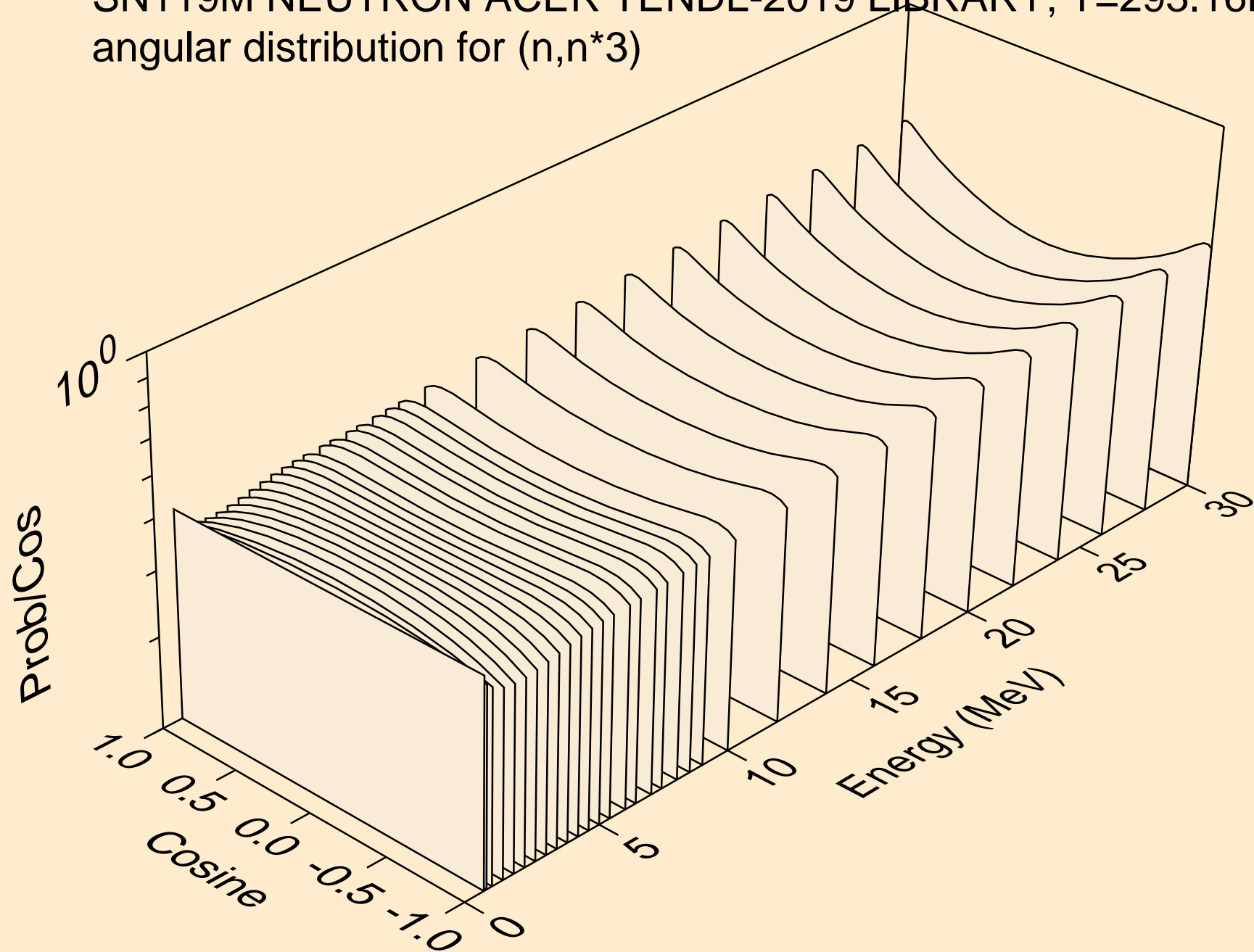
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angular distribution for (n,n*1)



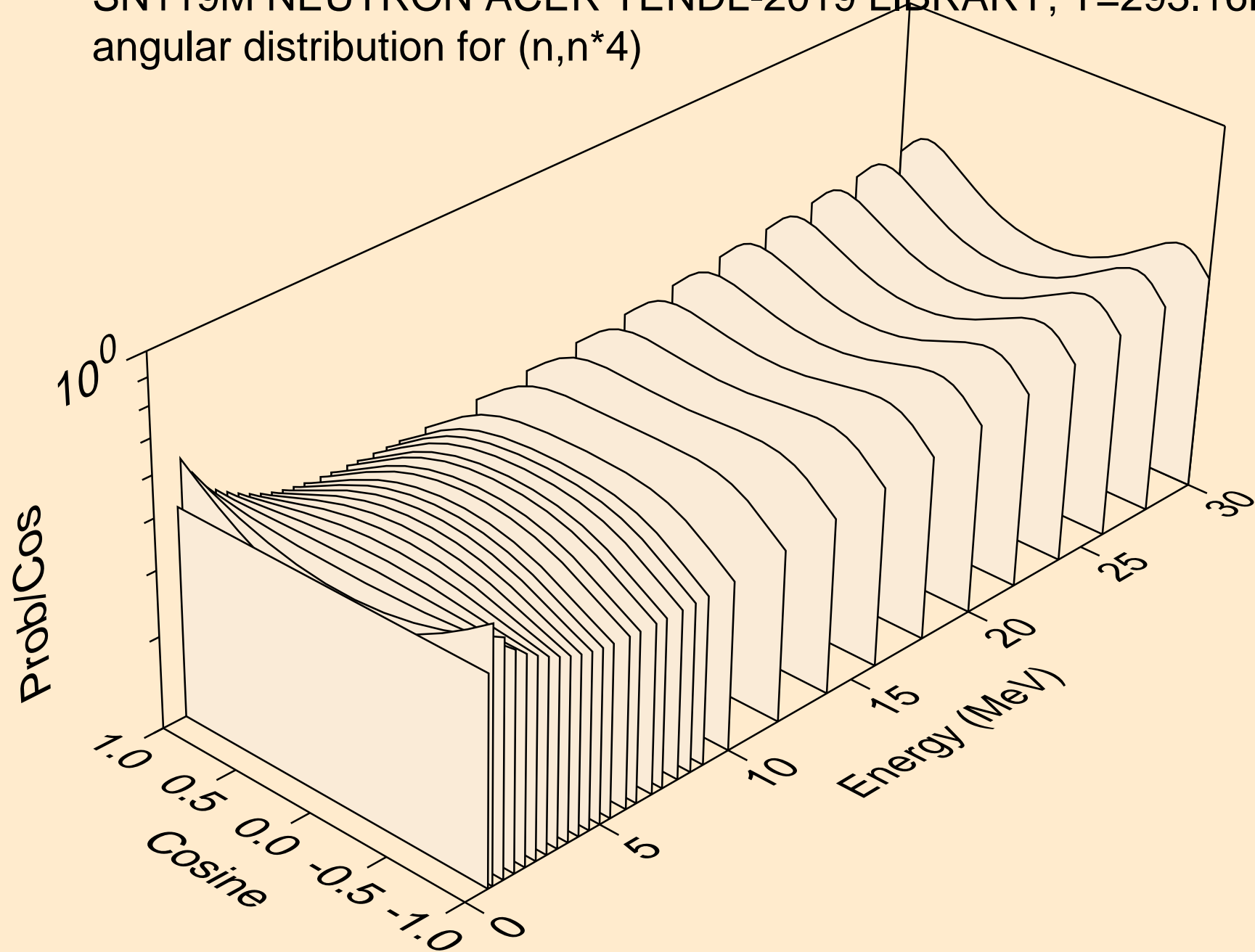
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angular distribution for (n,n*2)



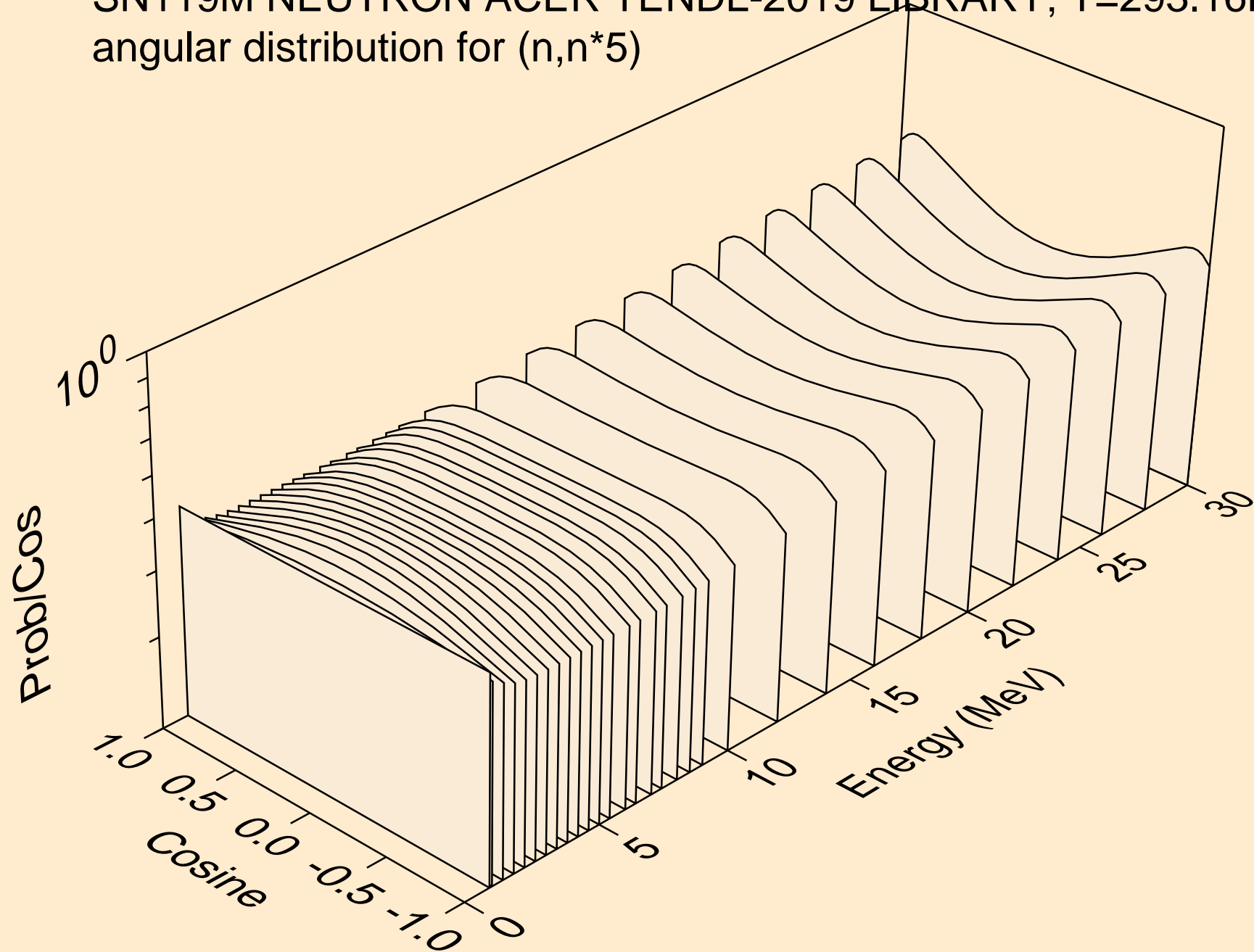
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



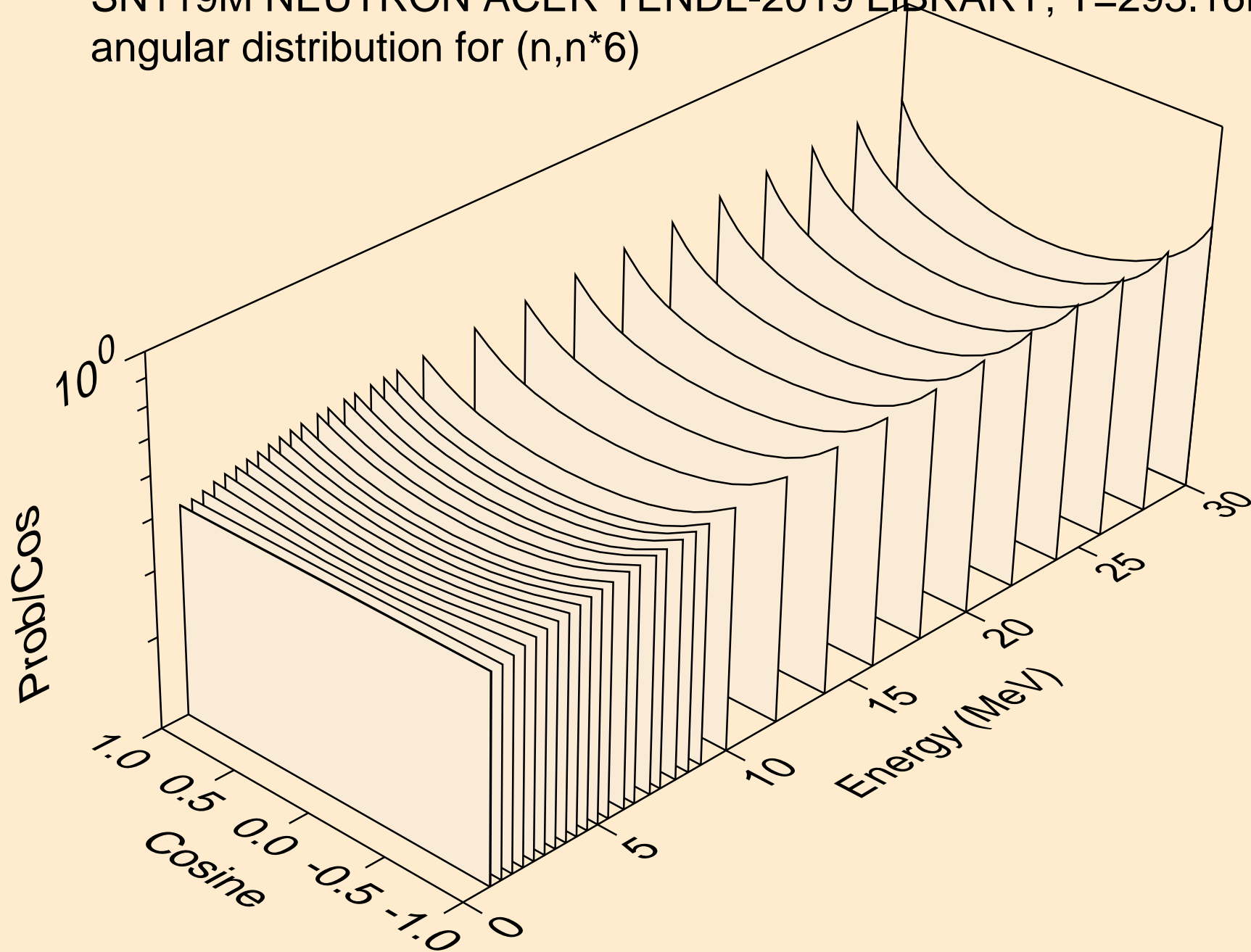
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angular distribution for (n,n*4)



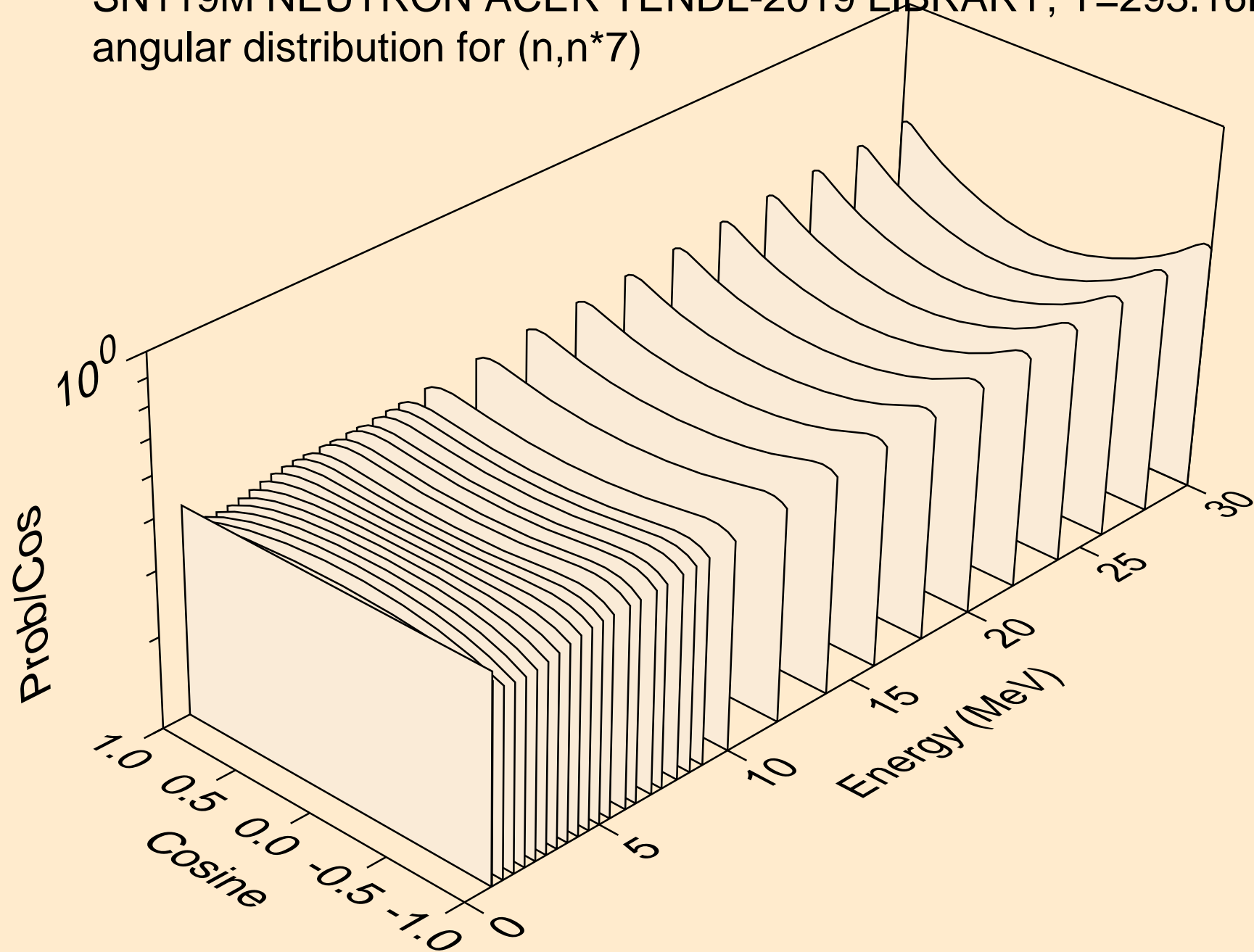
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angular distribution for (n,n*5)



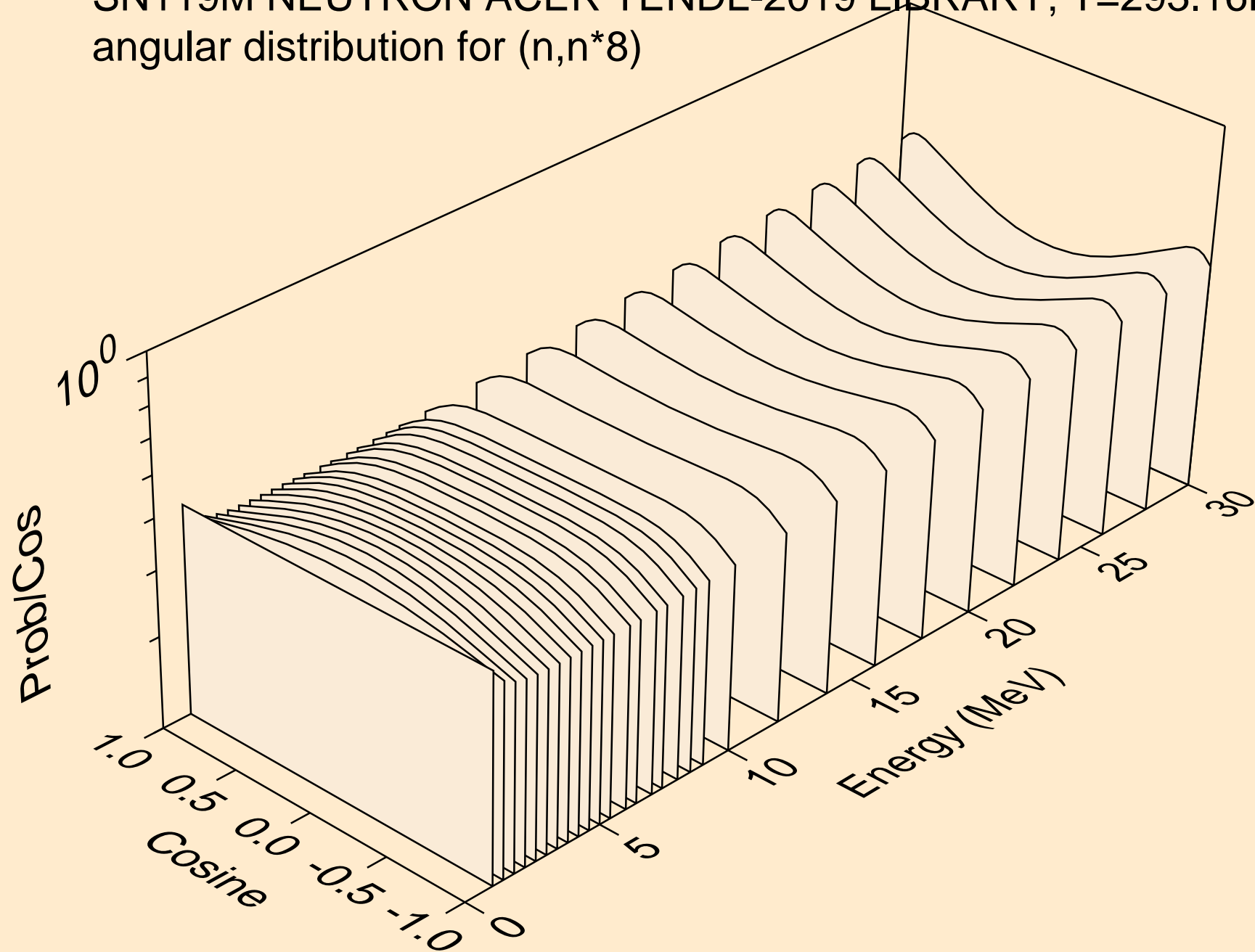
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angular distribution for (n,n*6)



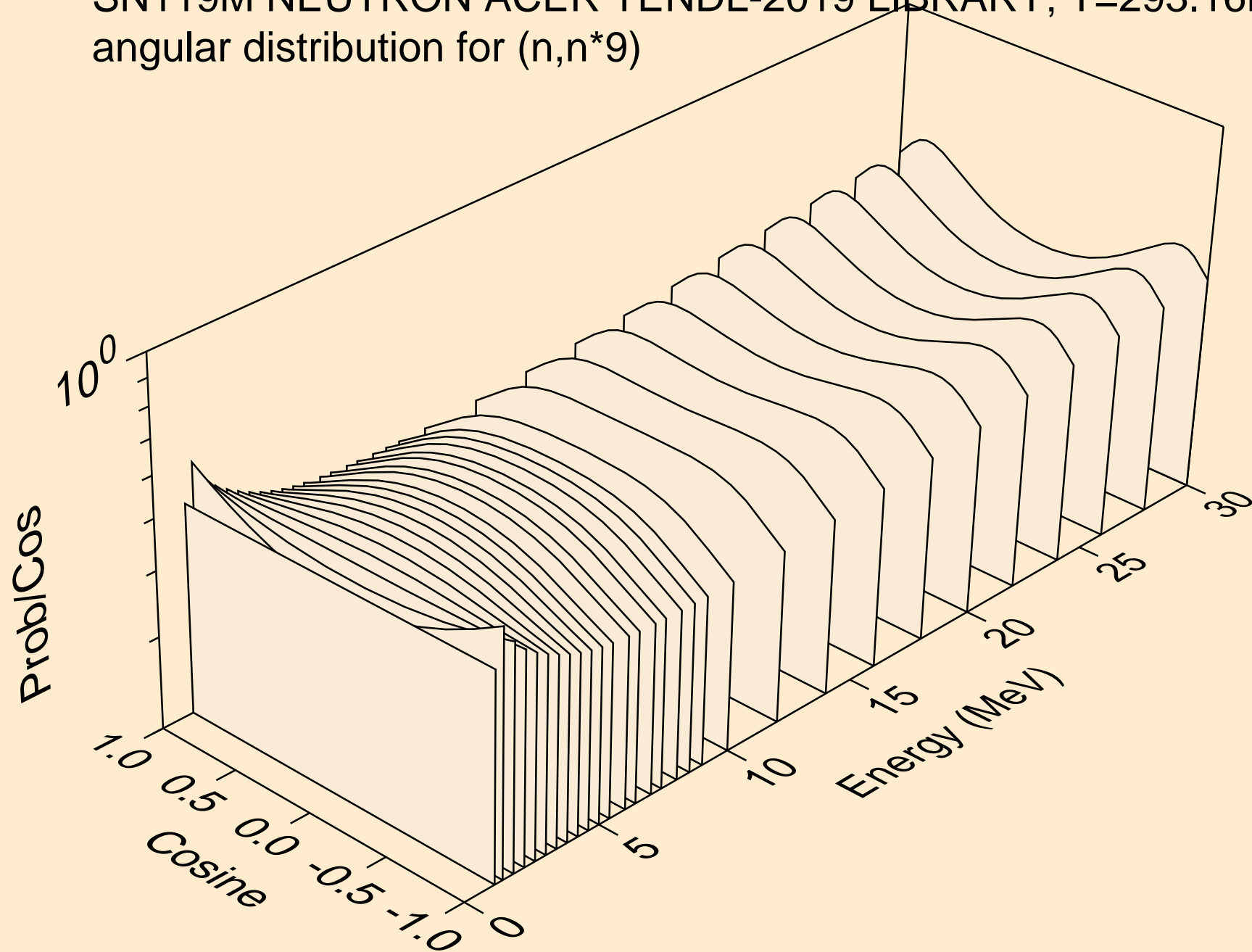
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angular distribution for (n,n*7)



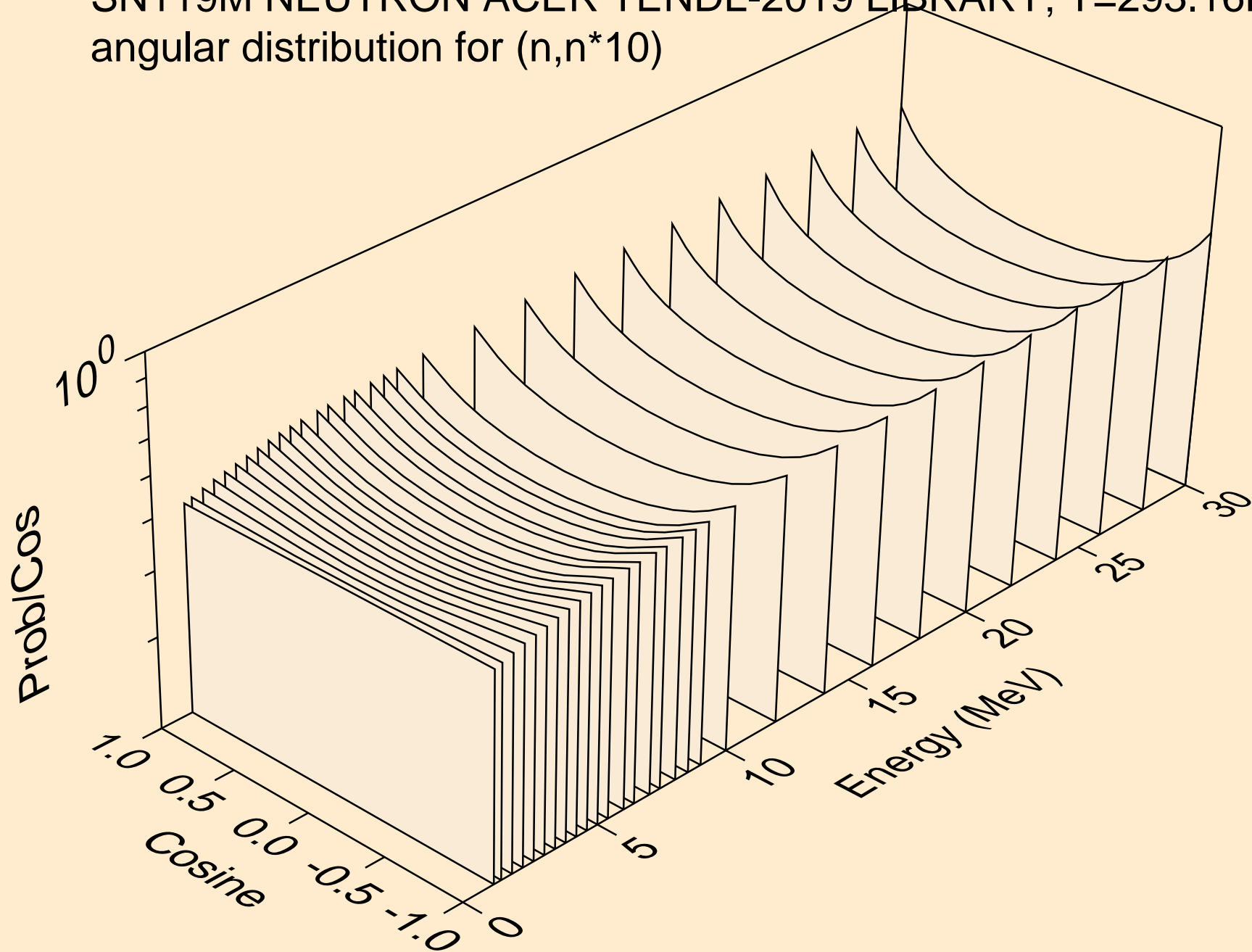
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angular distribution for (n,n*8)



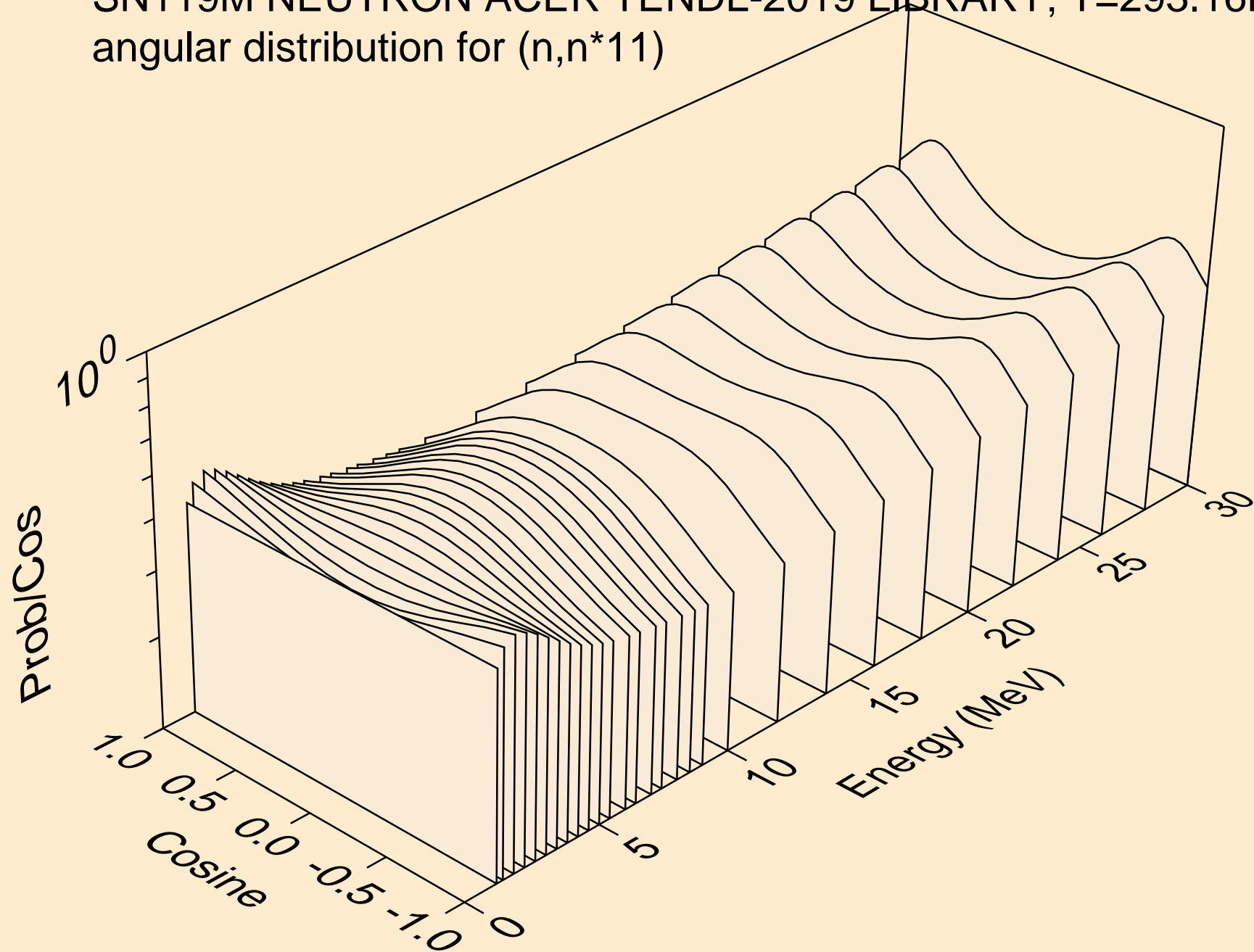
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angular distribution for (n,n*9)



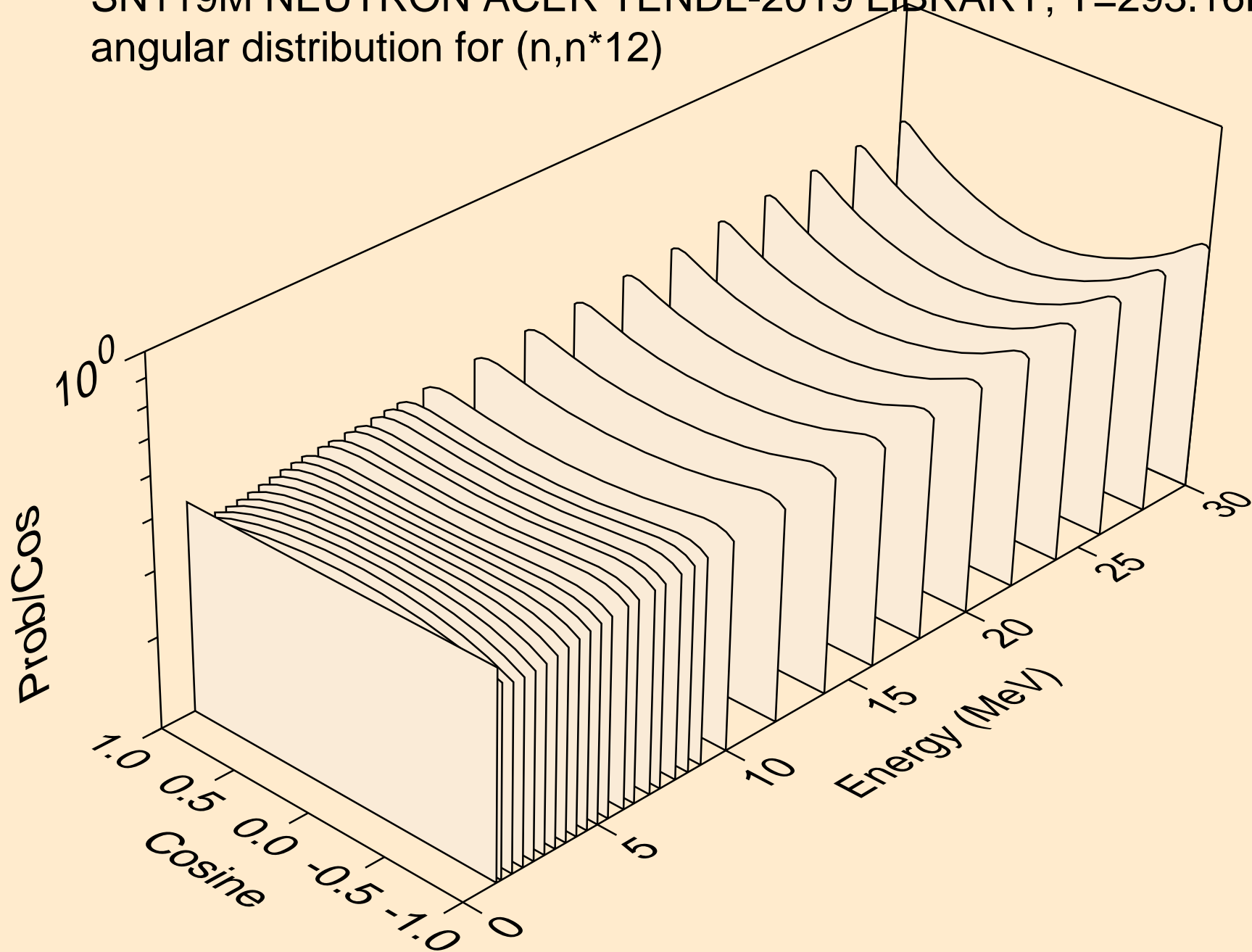
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angular distribution for (n,n*10)



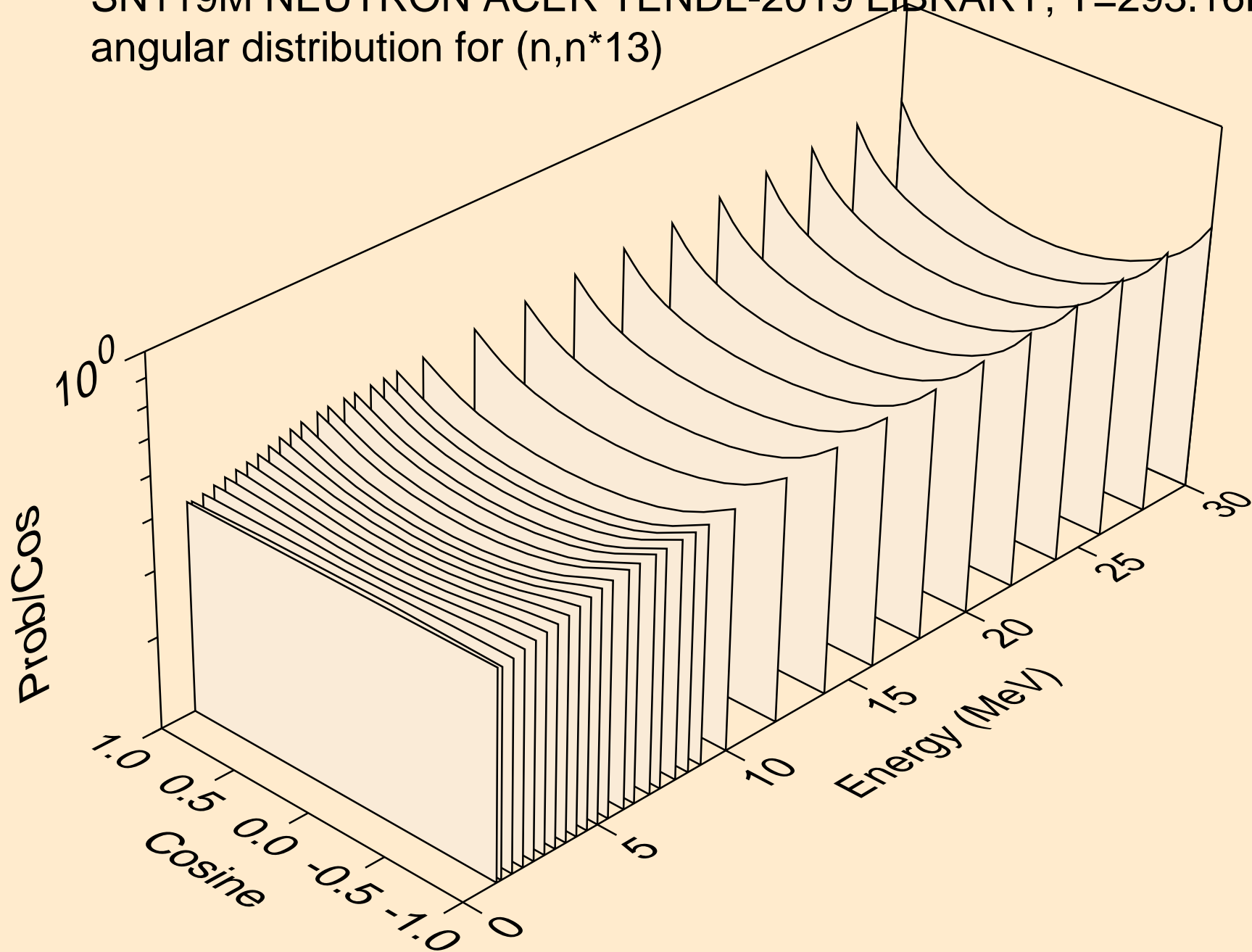
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angular distribution for (n,n*11)



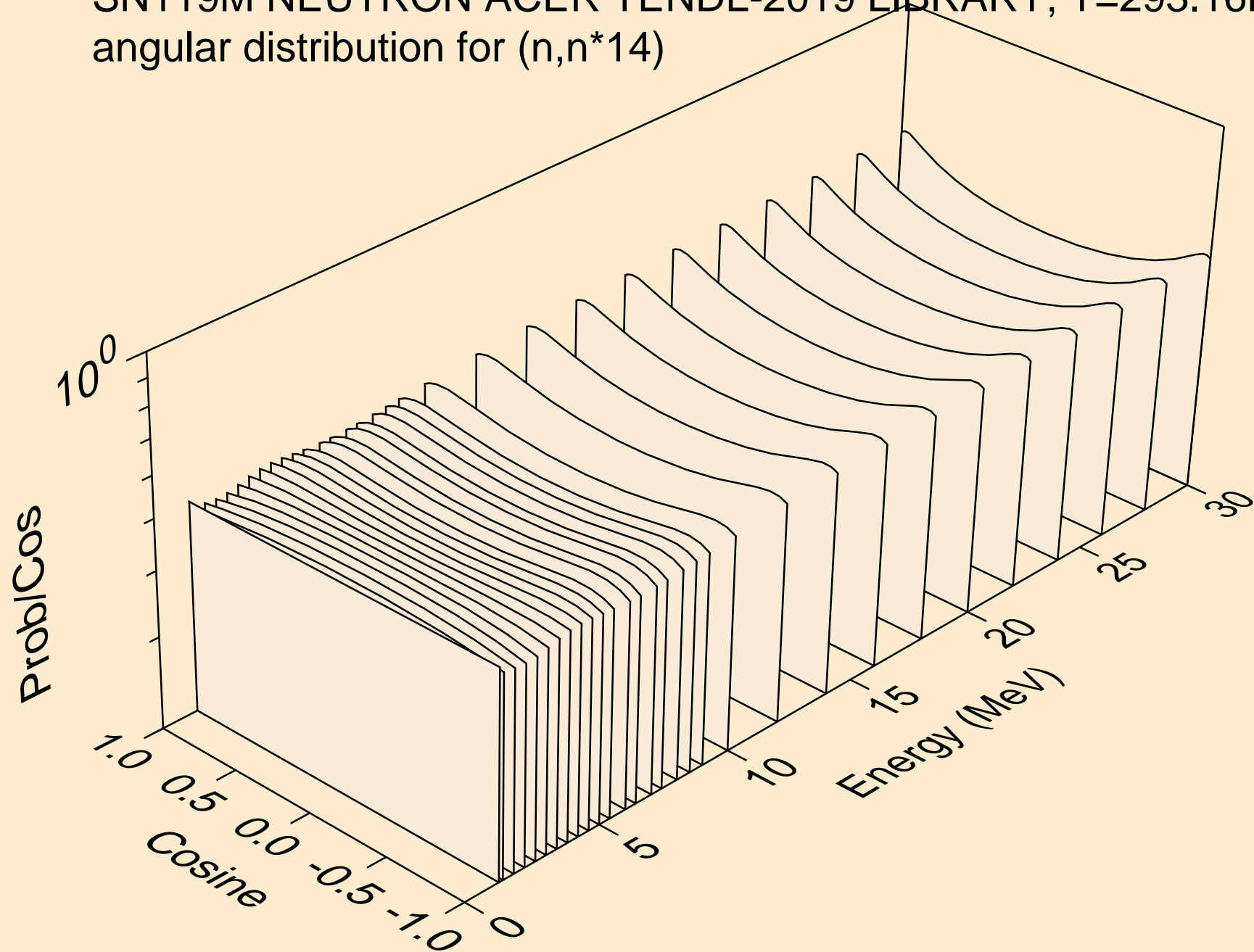
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angular distribution for (n,n*12)



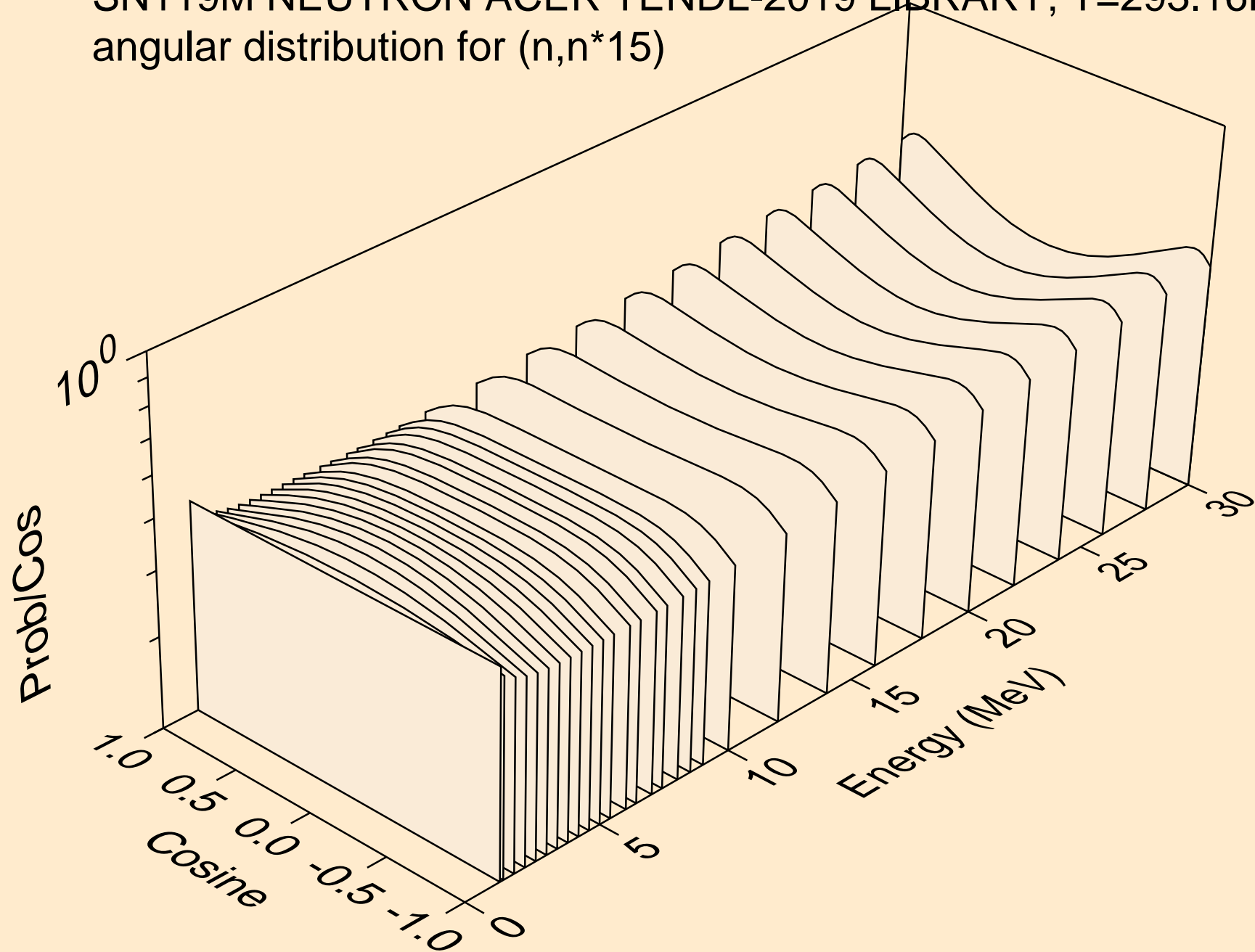
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angular distribution for (n,n*13)



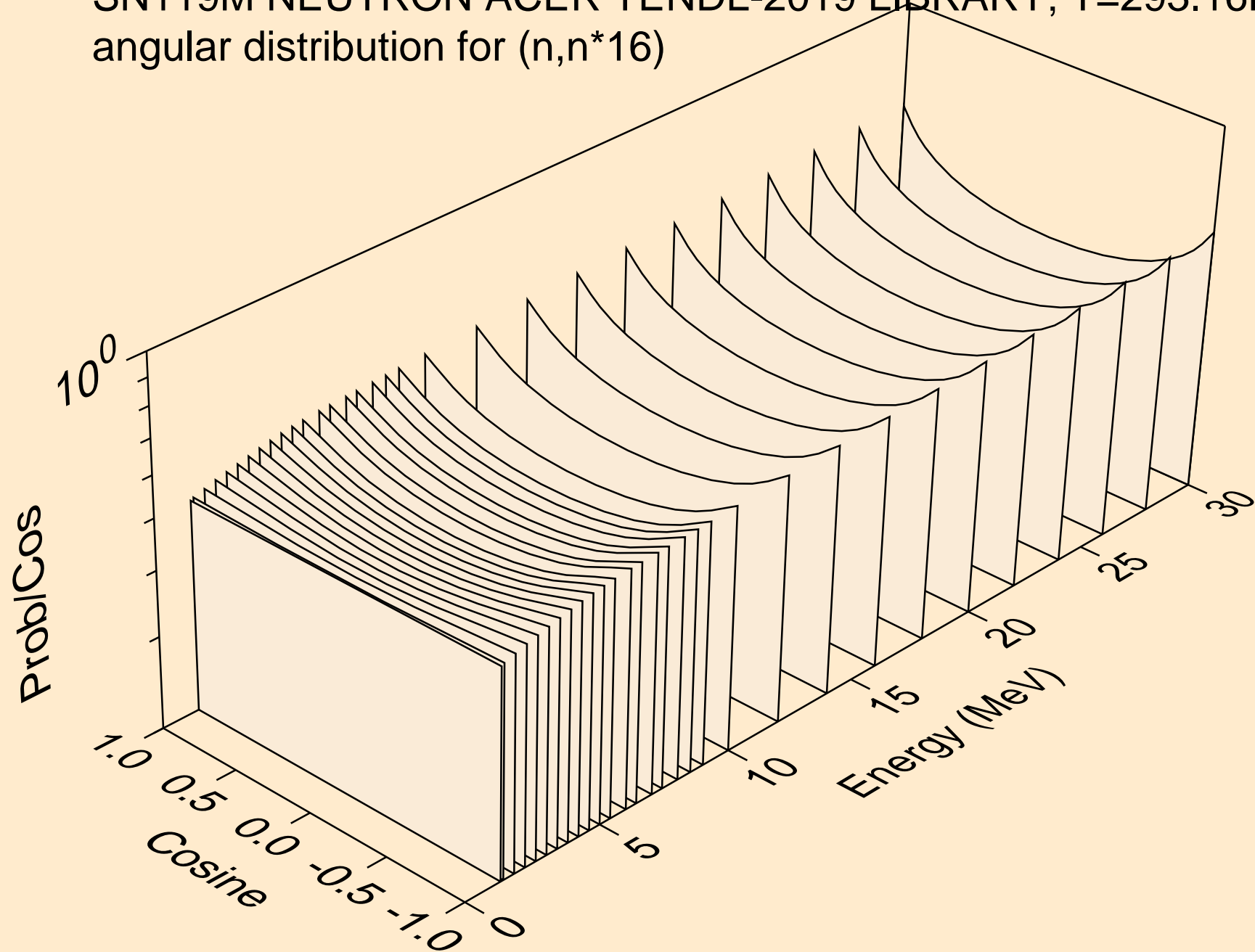
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angular distribution for (n,n*14)



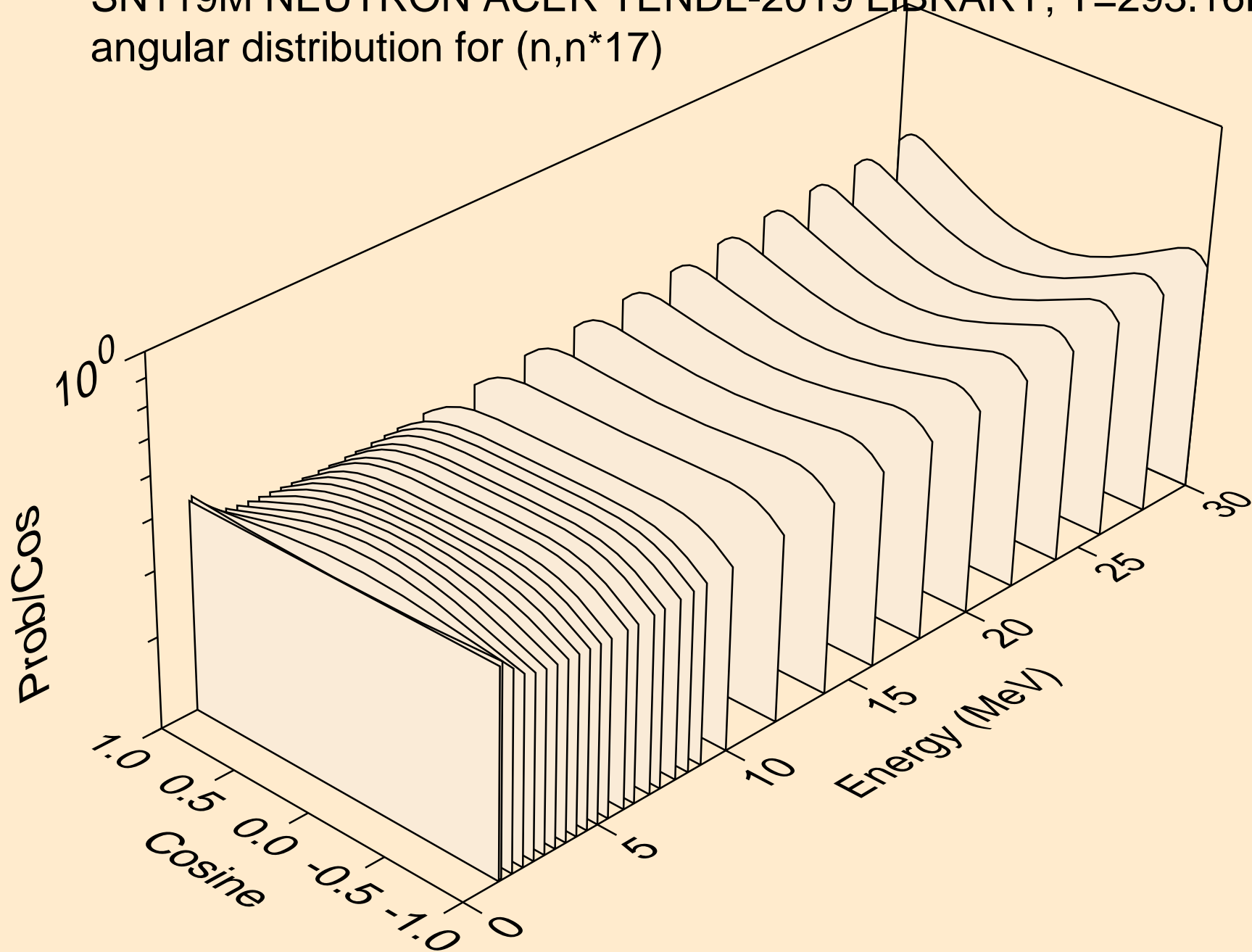
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angular distribution for (n,n*15)



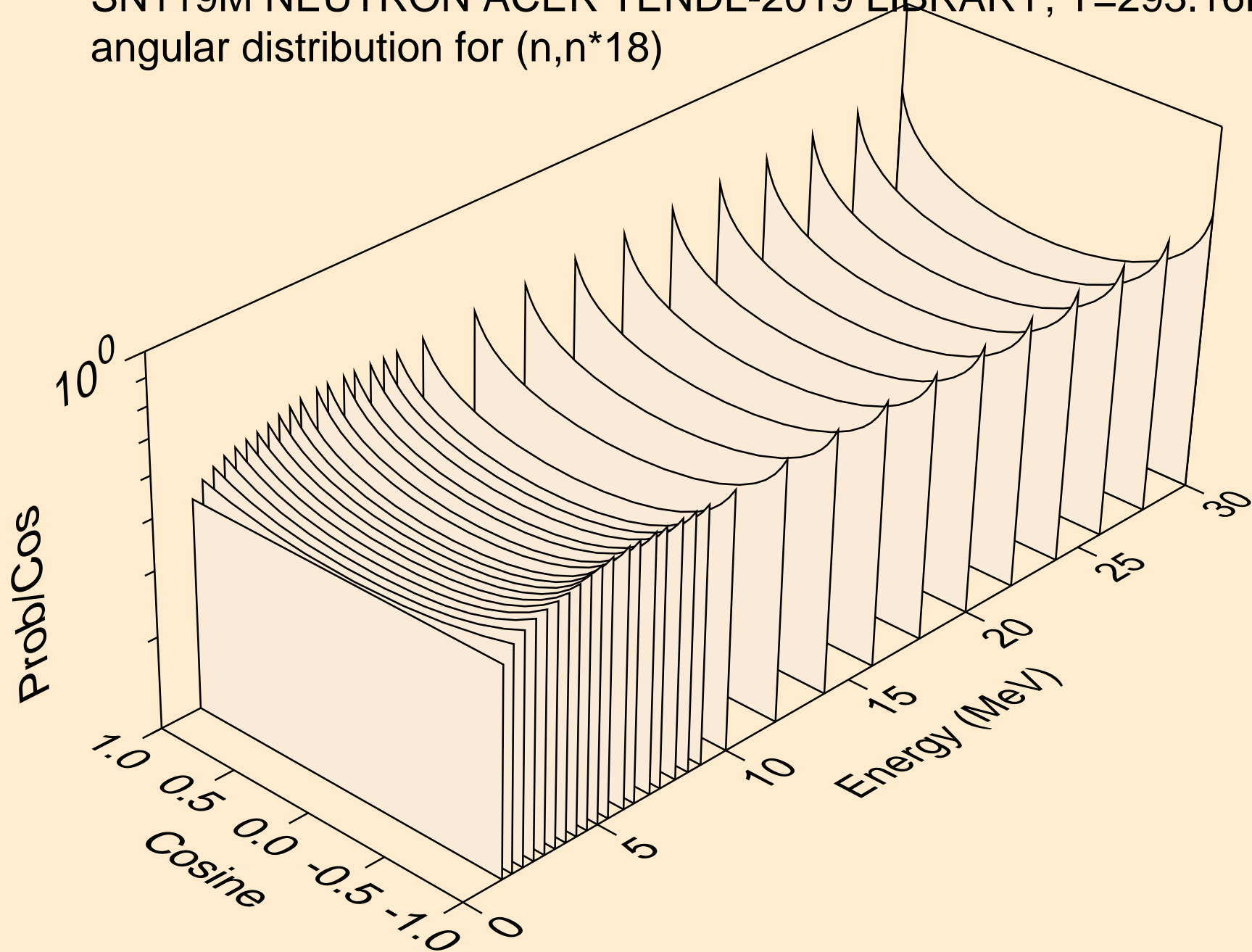
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angular distribution for (n,n*16)



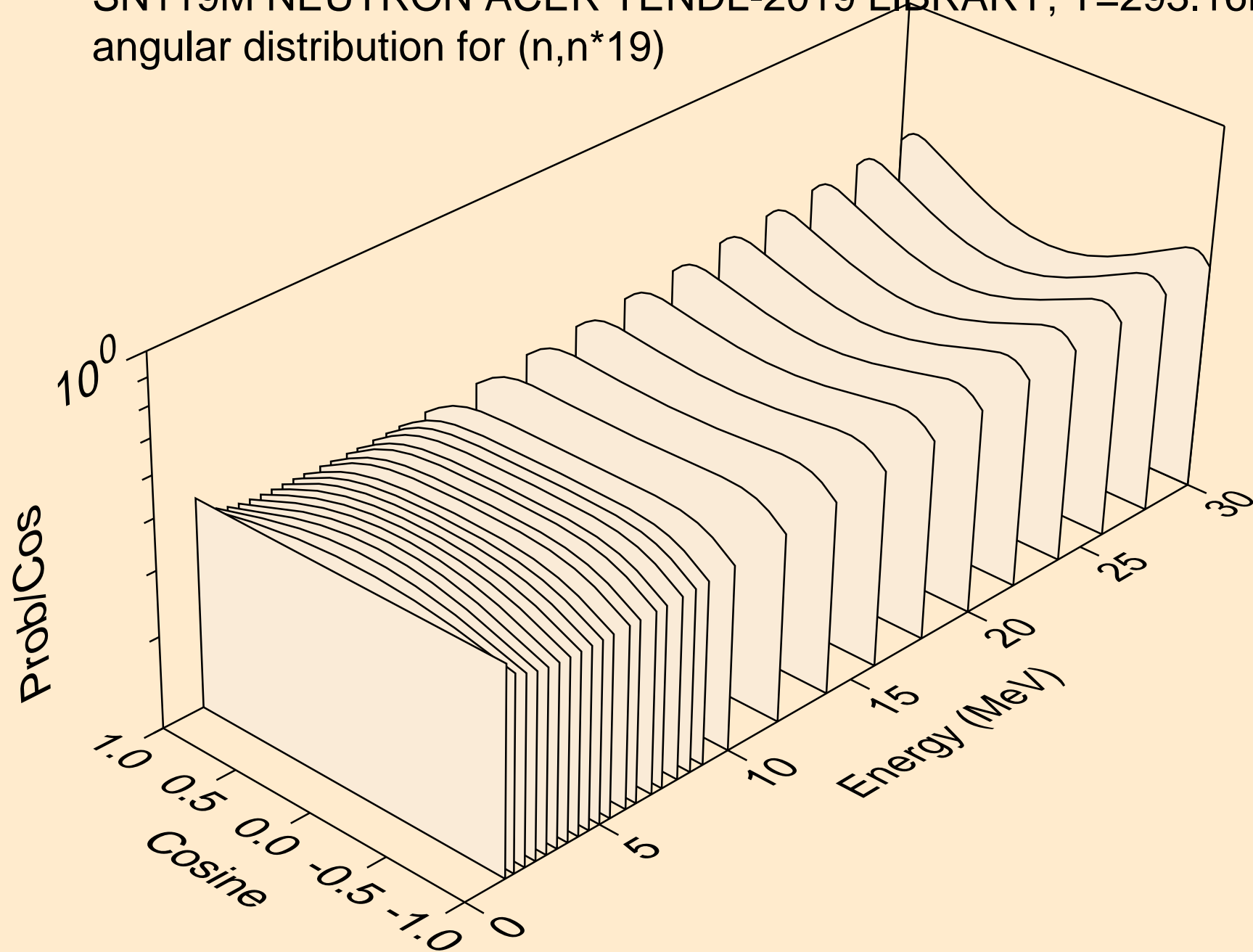
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angular distribution for (n,n*17)



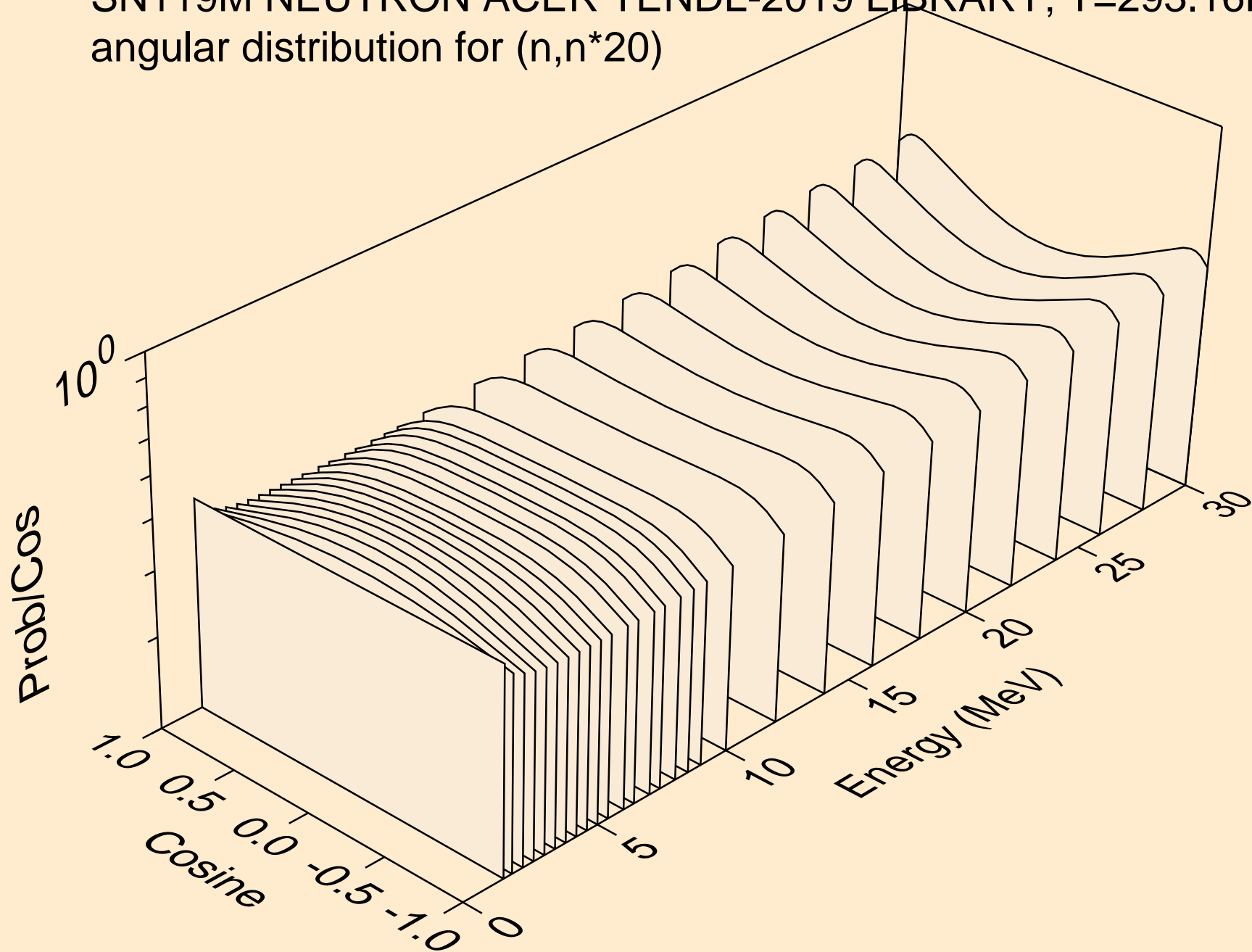
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angular distribution for (n,n*18)



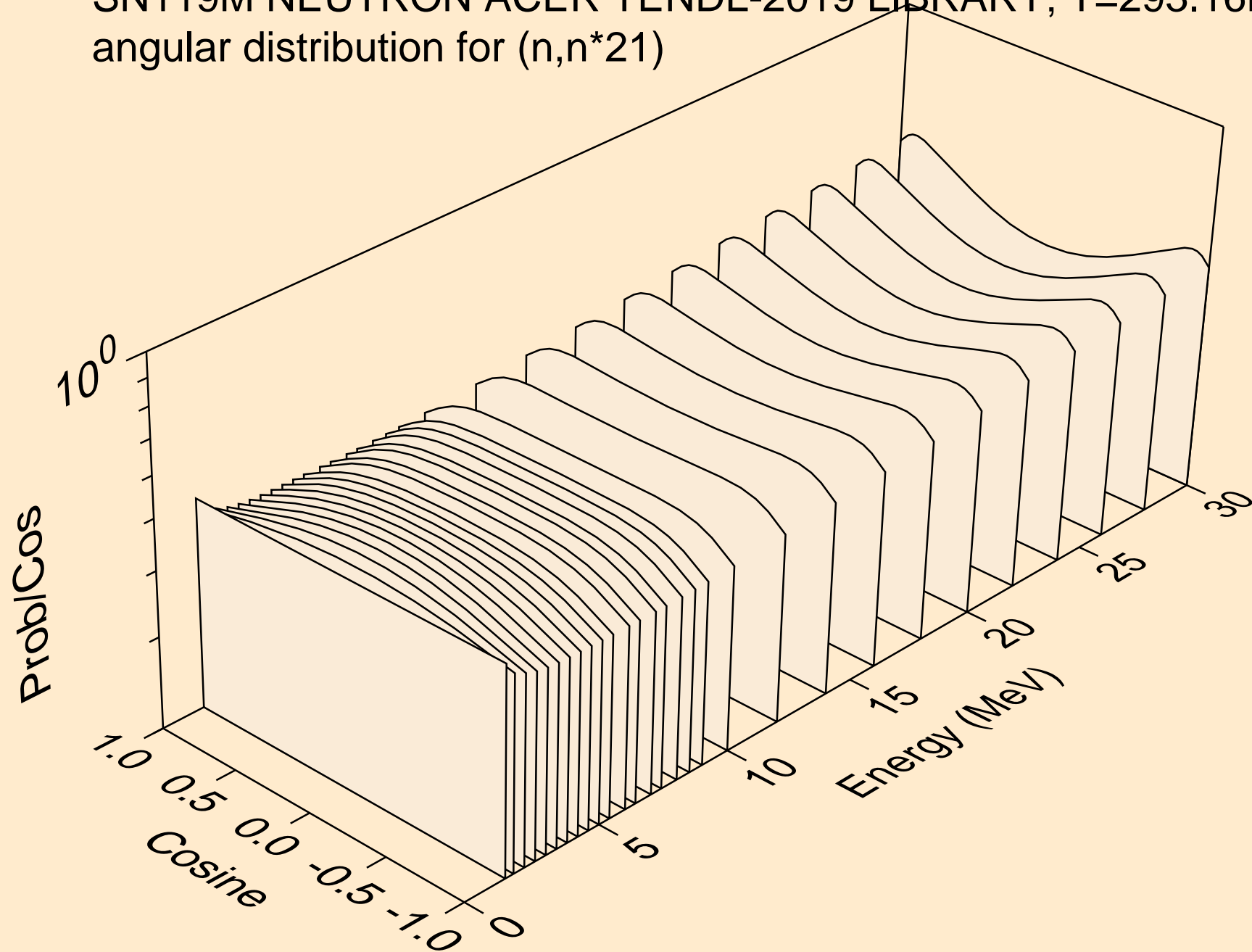
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



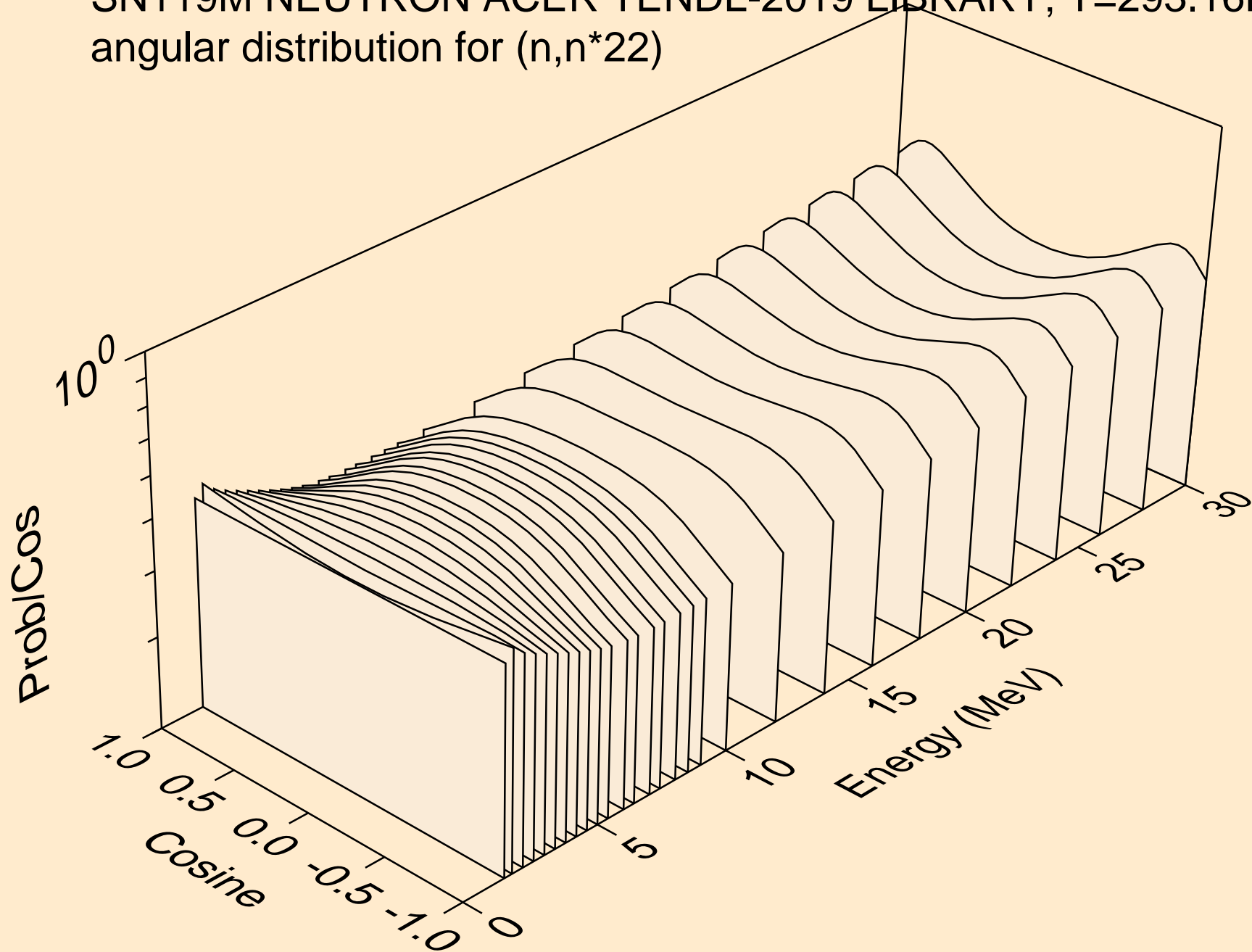
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angular distribution for (n,n*20)



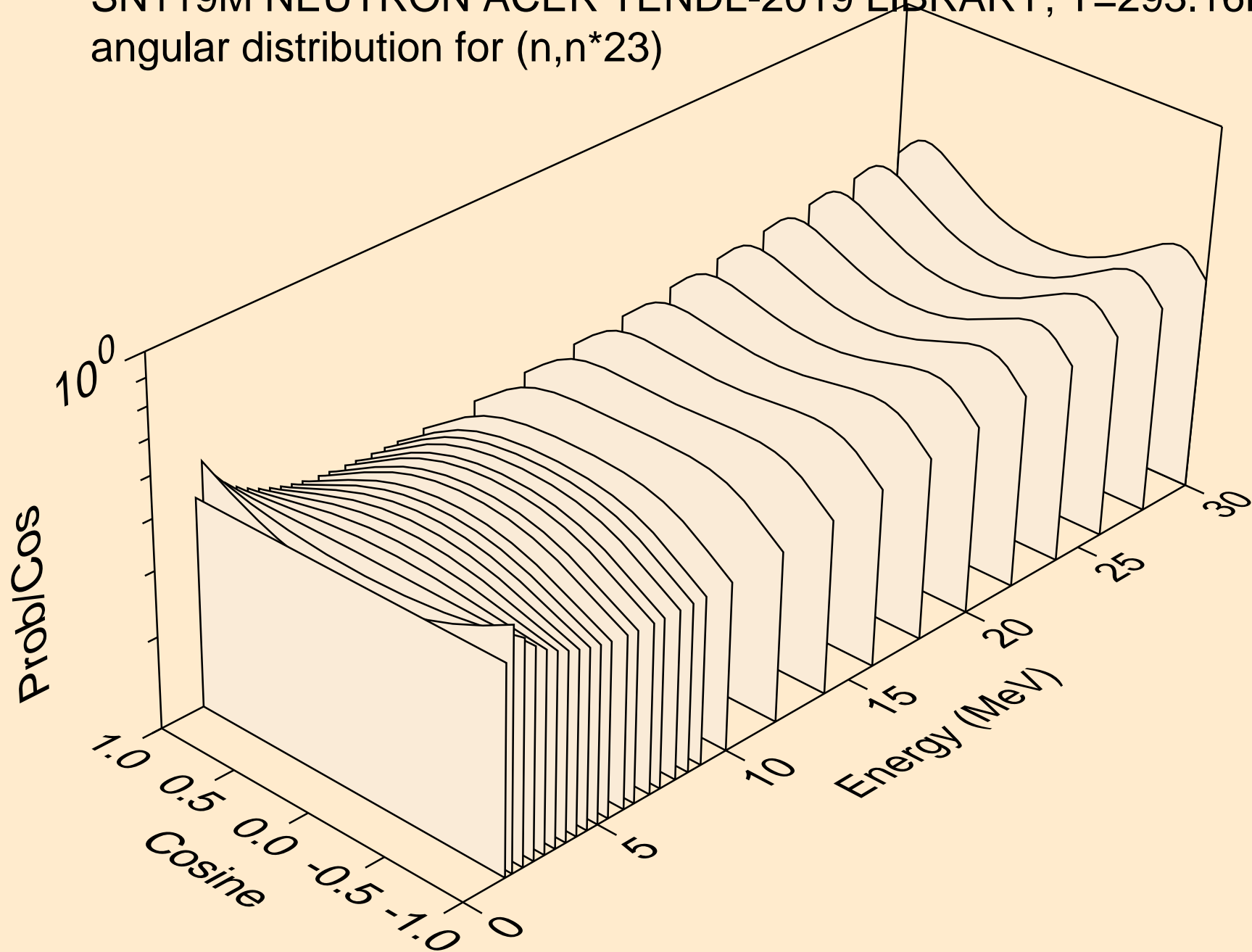
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angular distribution for (n,n*21)



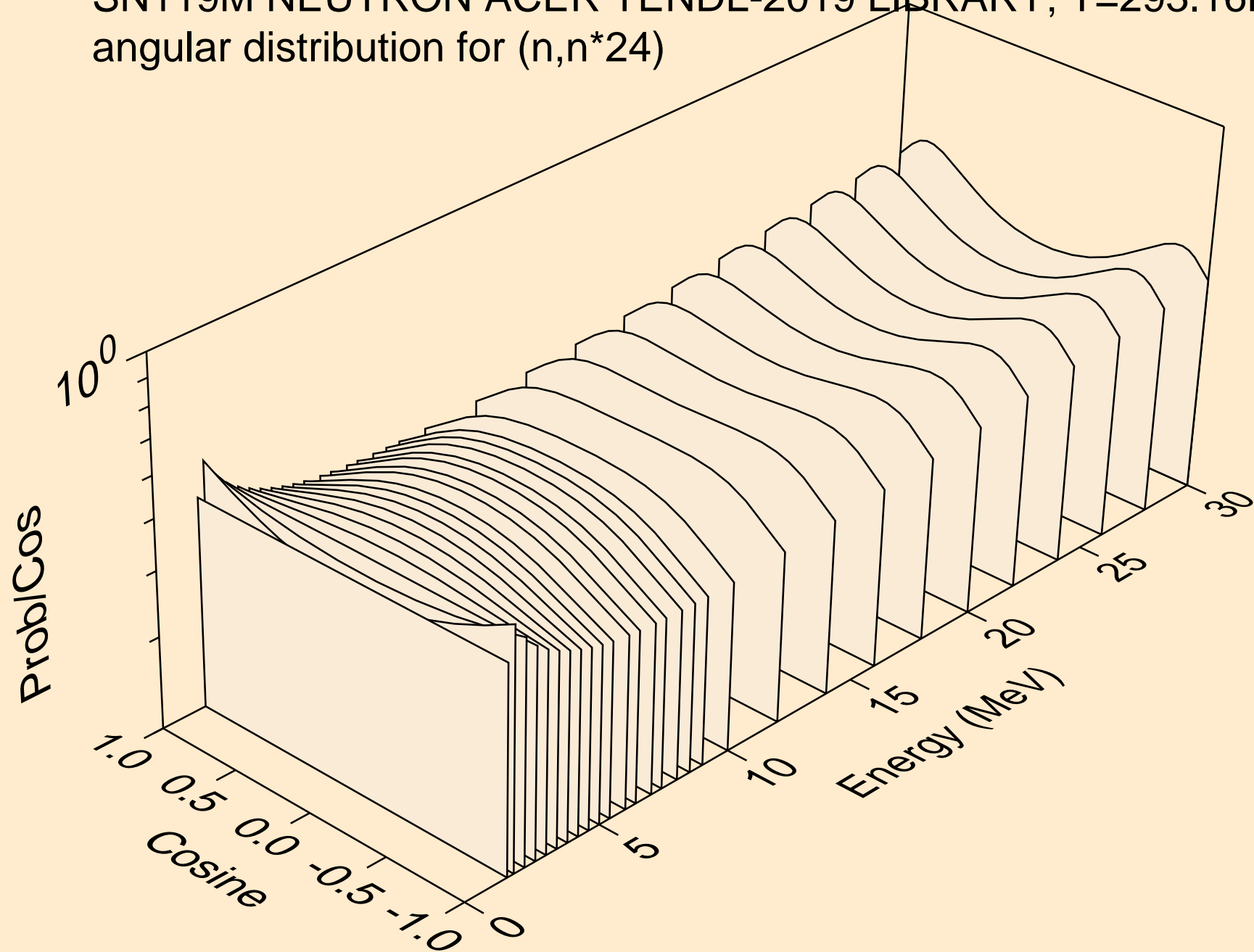
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angular distribution for (n,n*22)



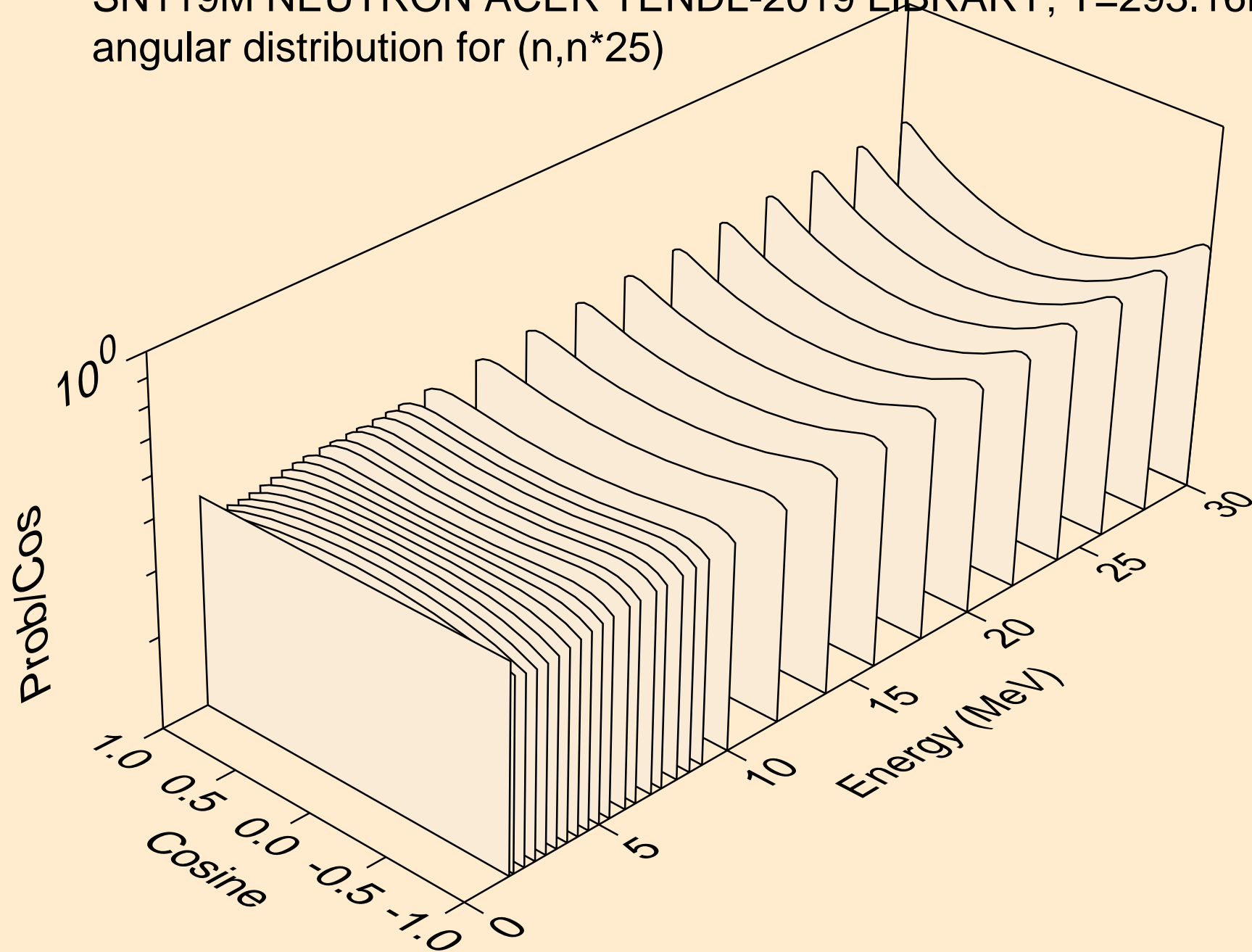
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angular distribution for (n,n*23)



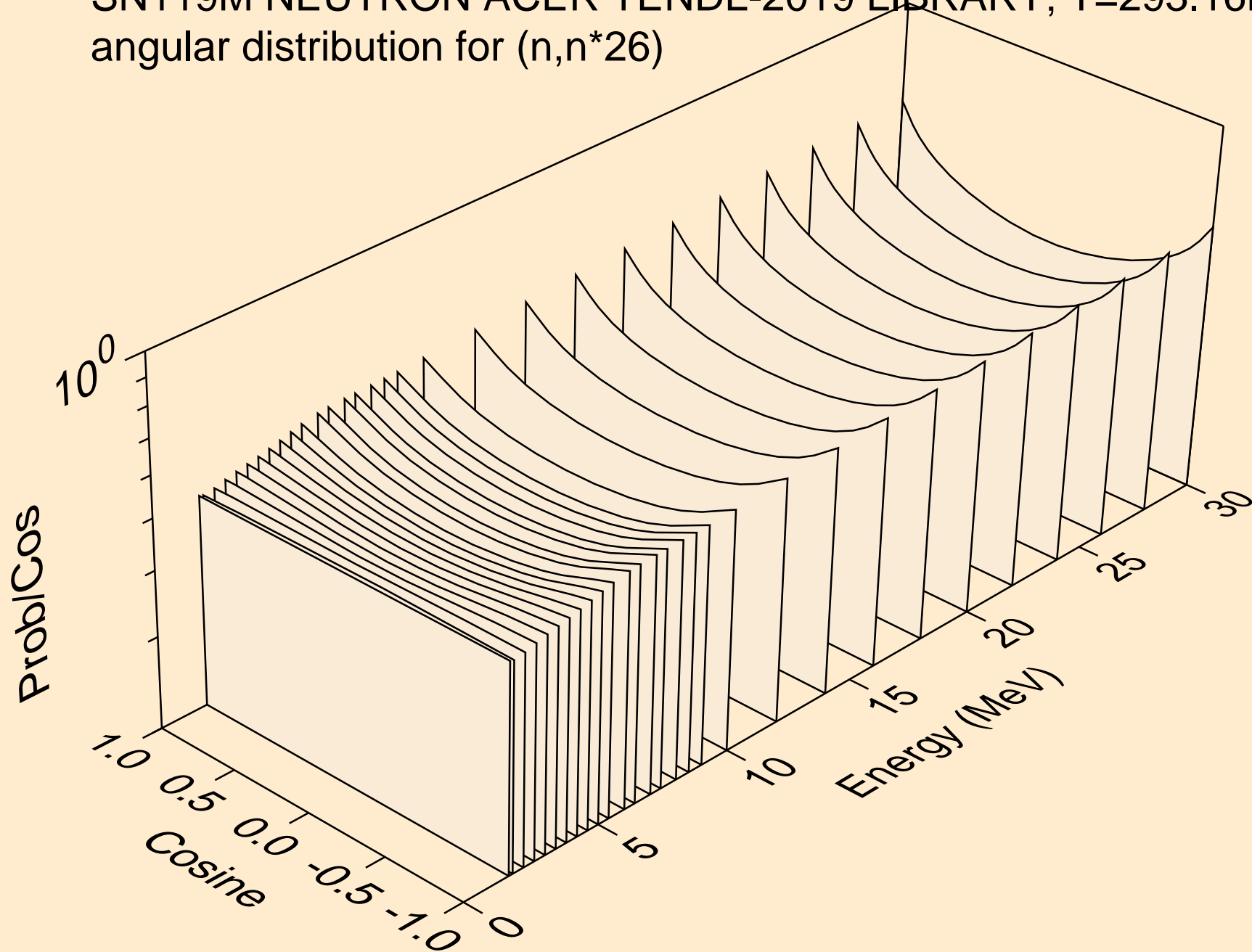
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angular distribution for (n,n*24)



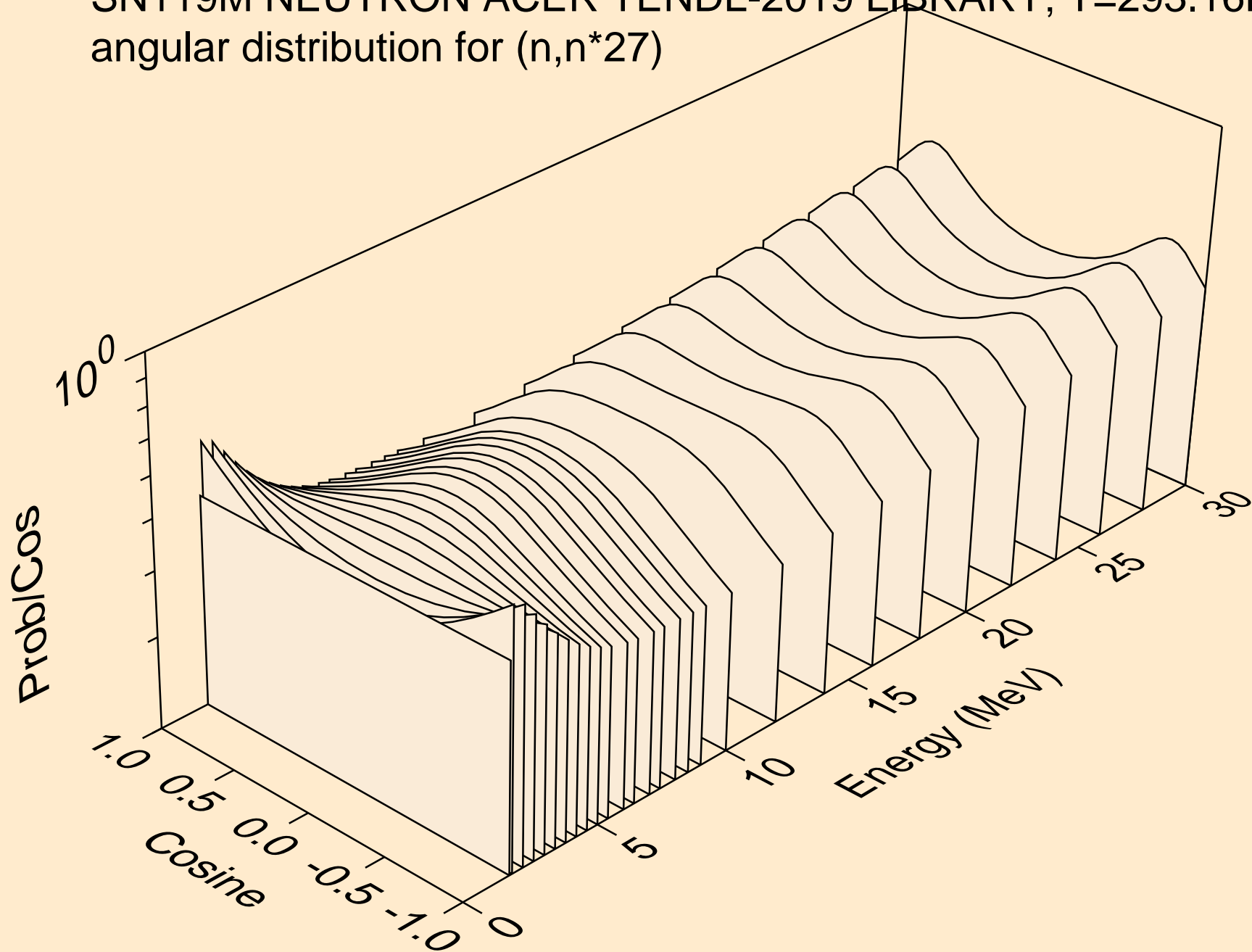
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angular distribution for (n,n*25)



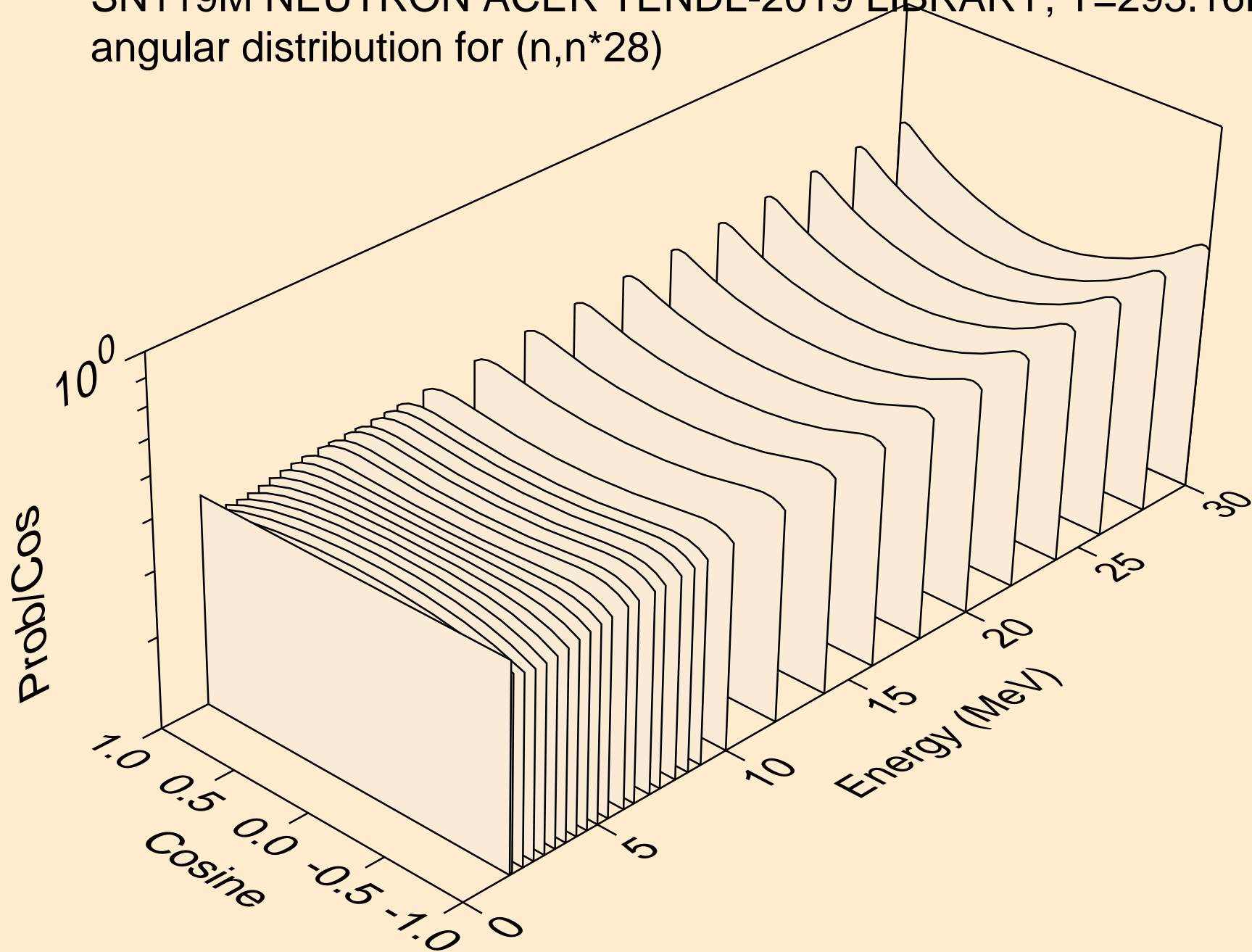
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angular distribution for (n,n*26)



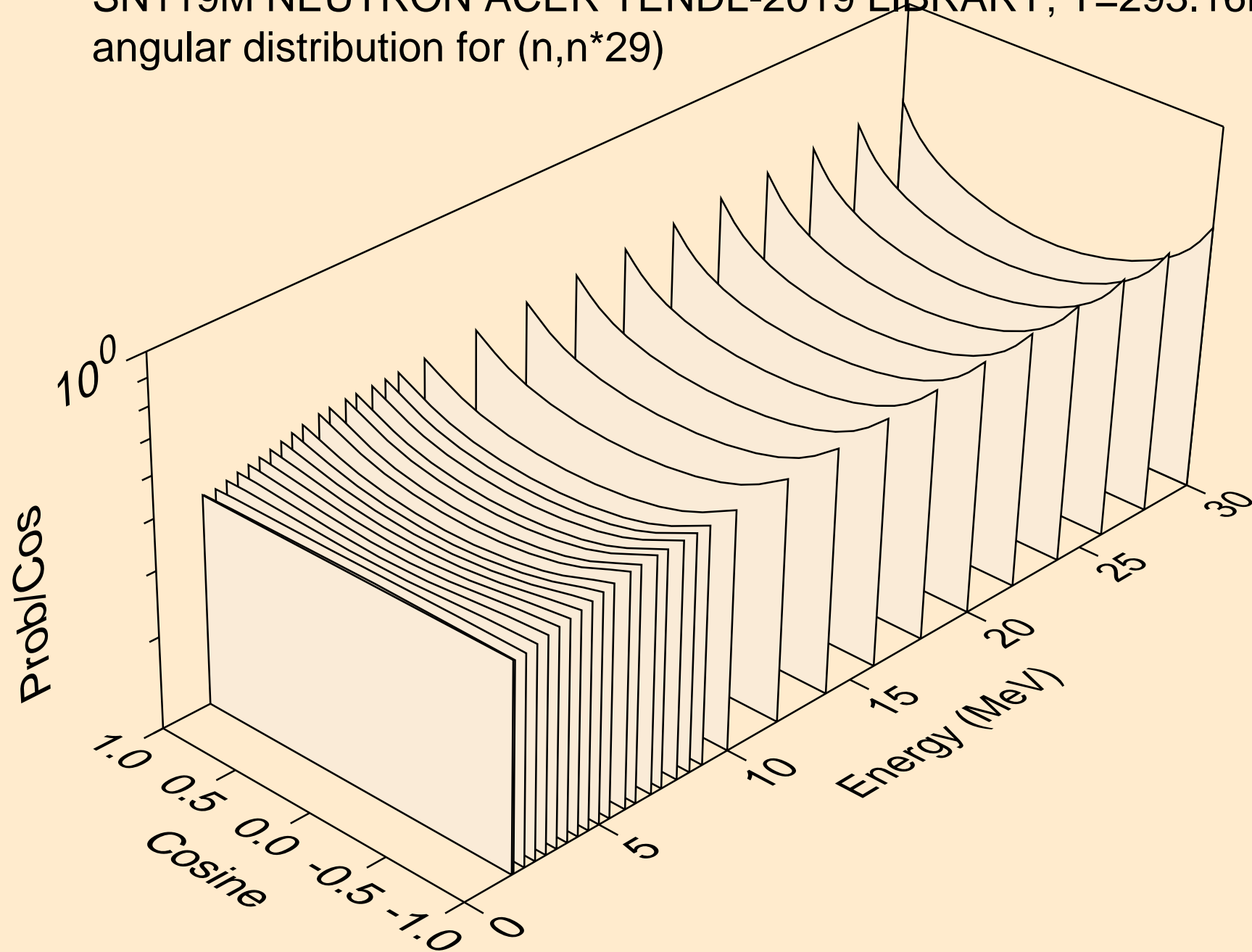
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angular distribution for (n,n*27)



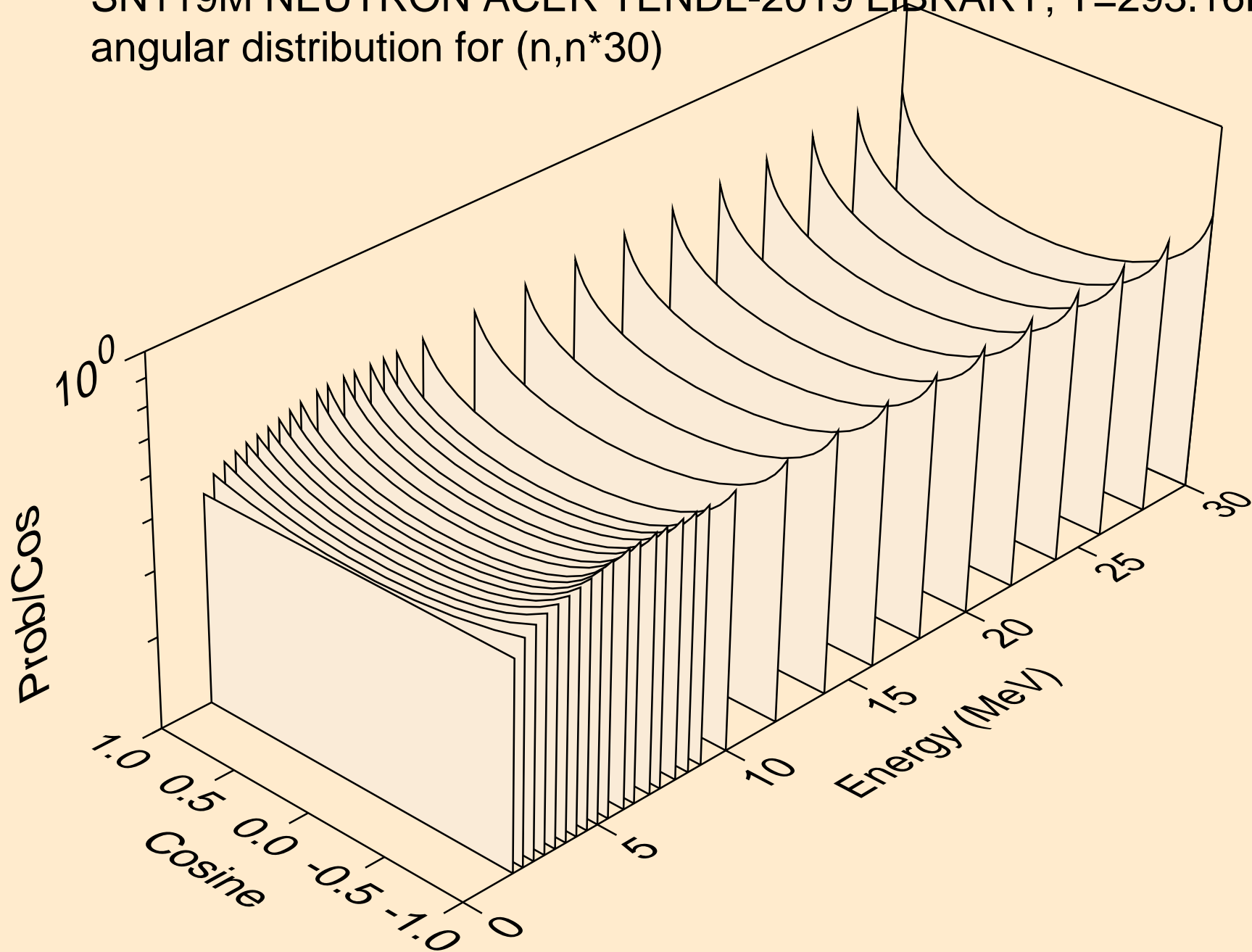
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



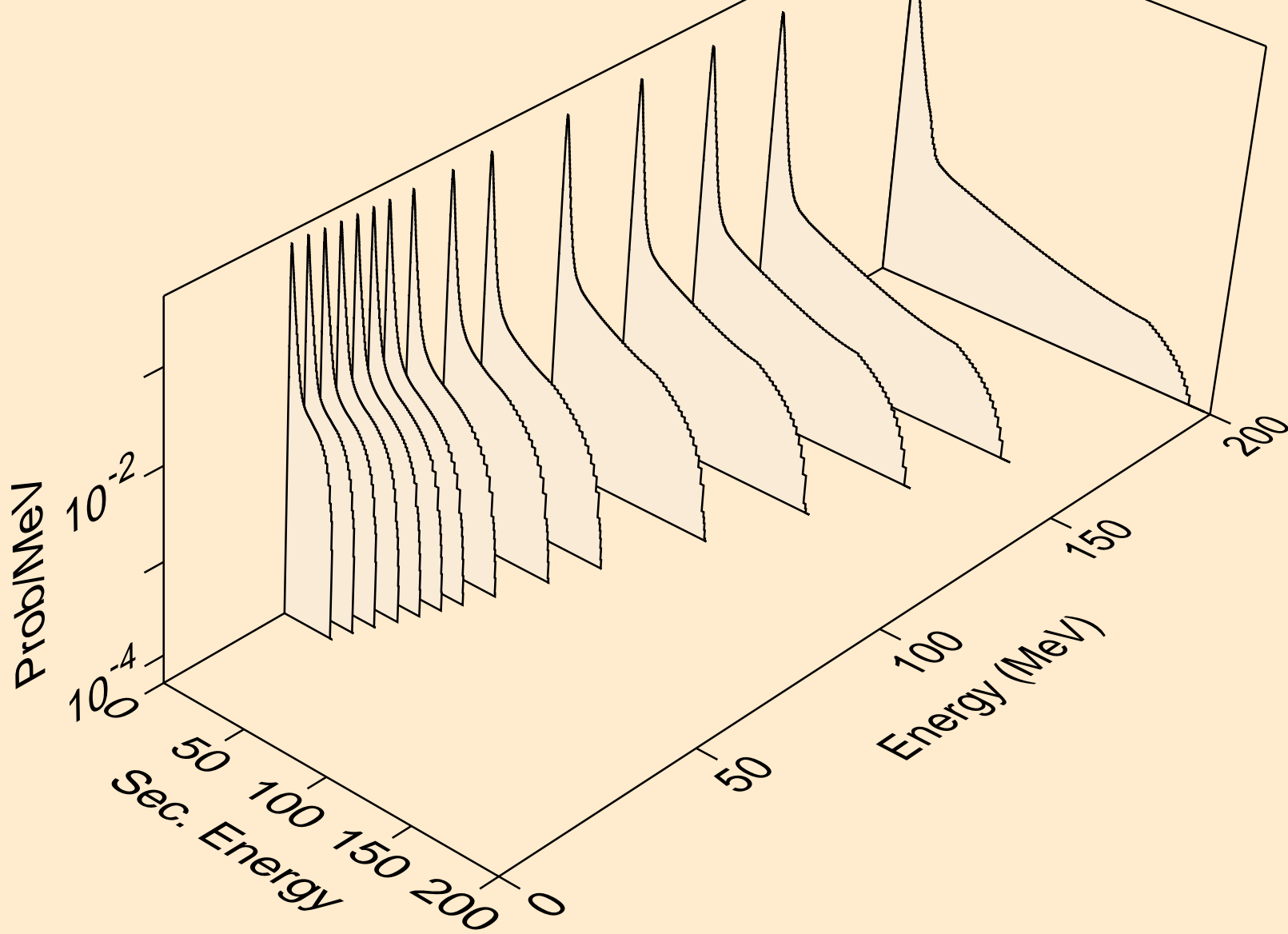
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



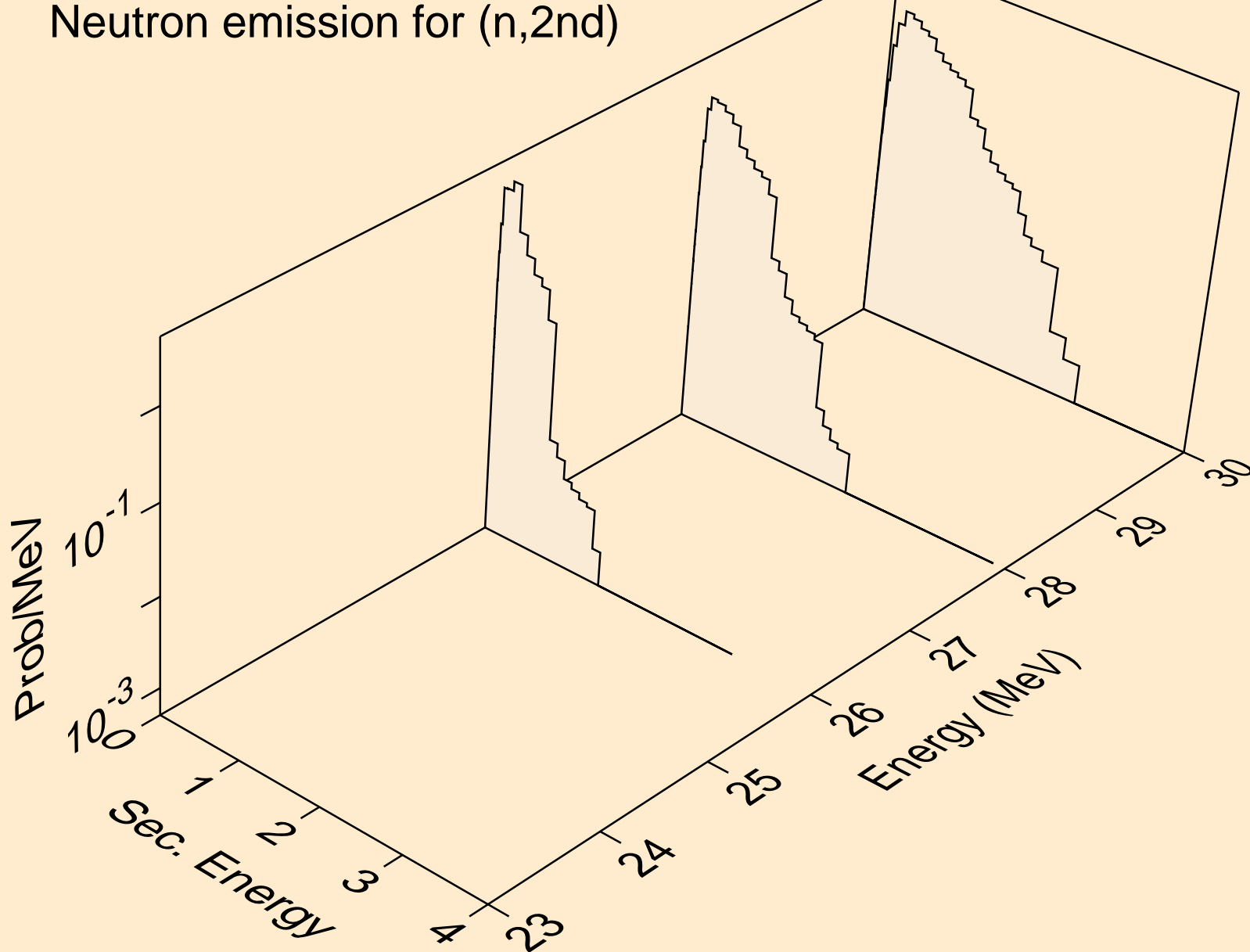
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angular distribution for (n,n*30)



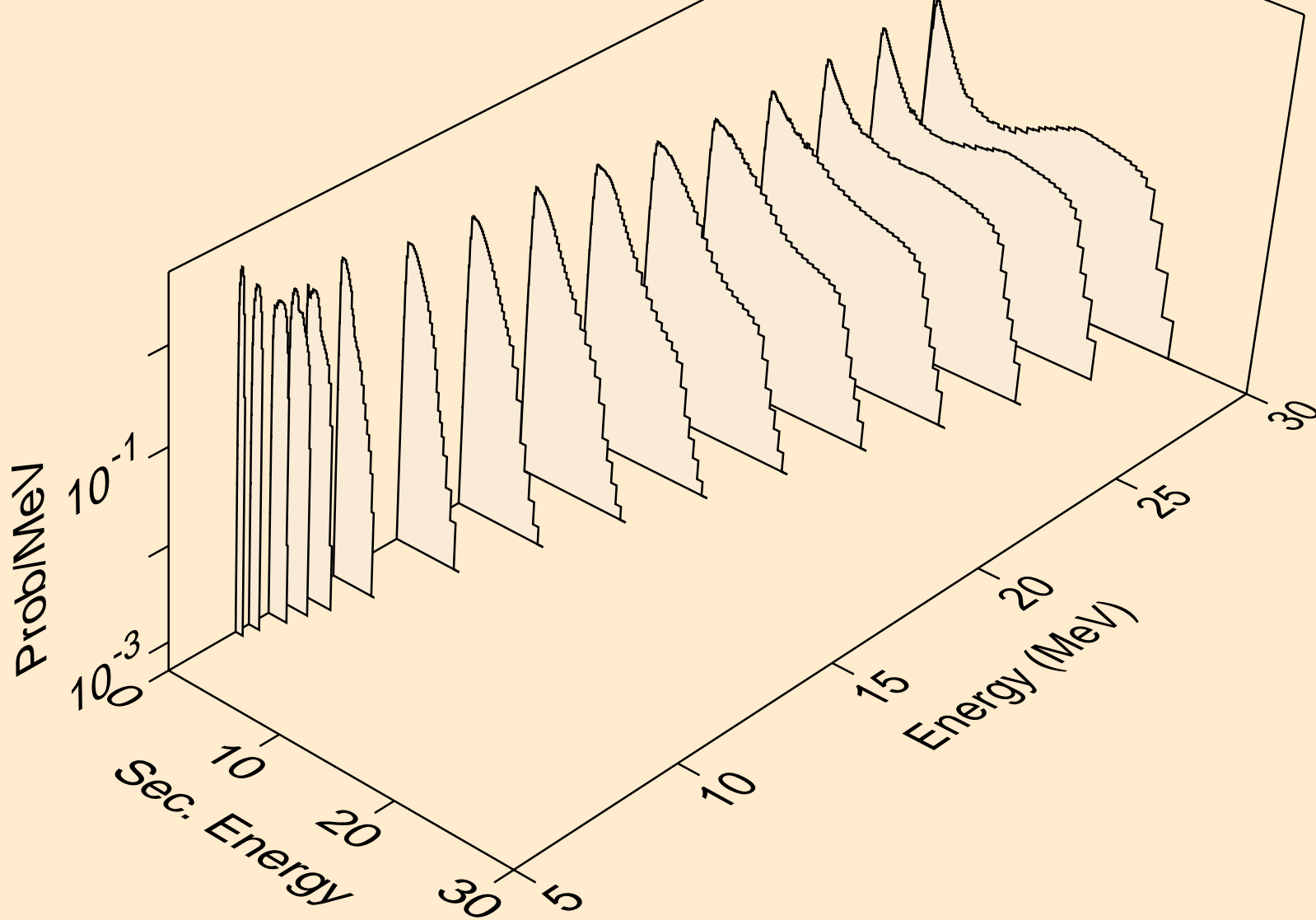
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



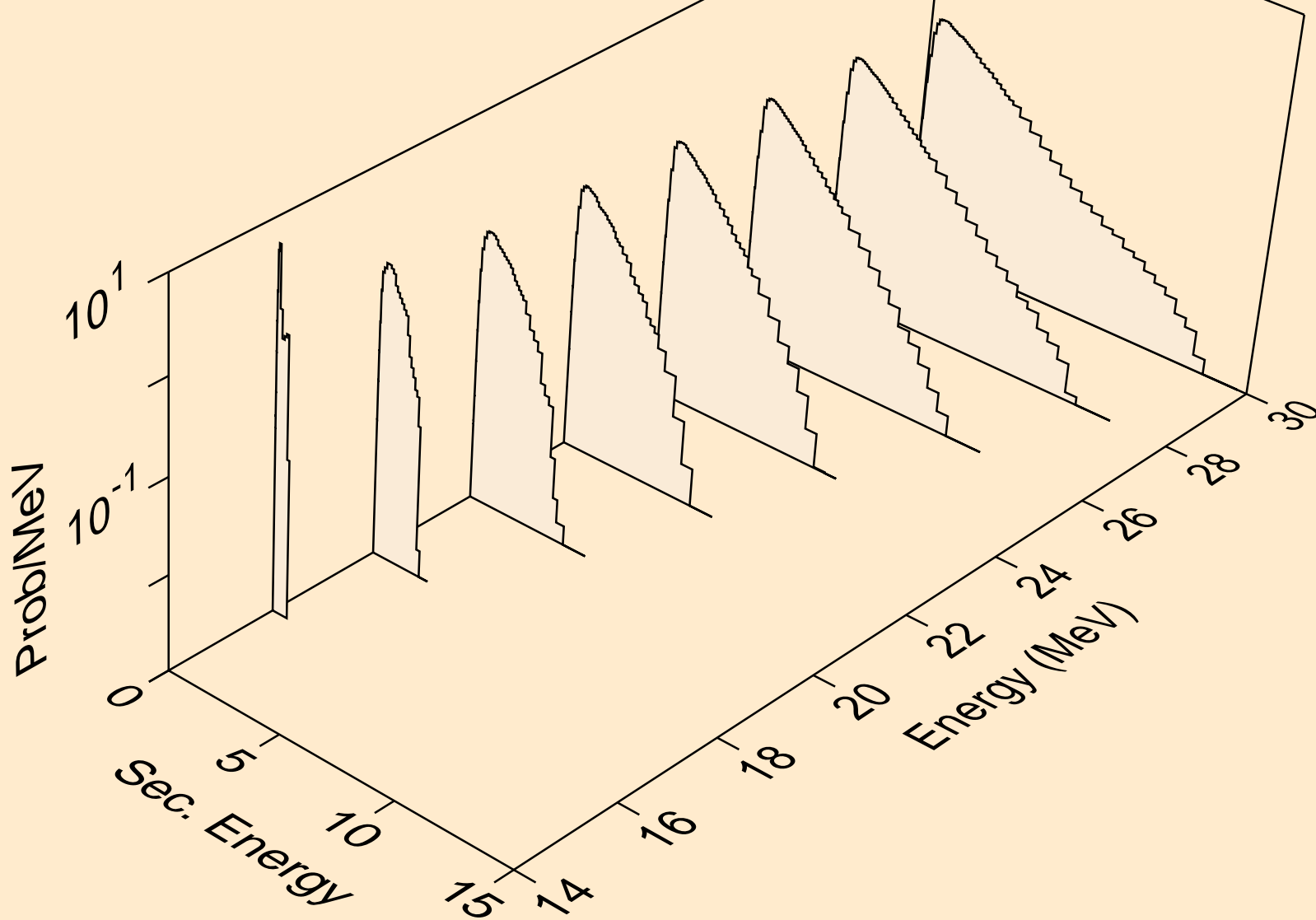
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



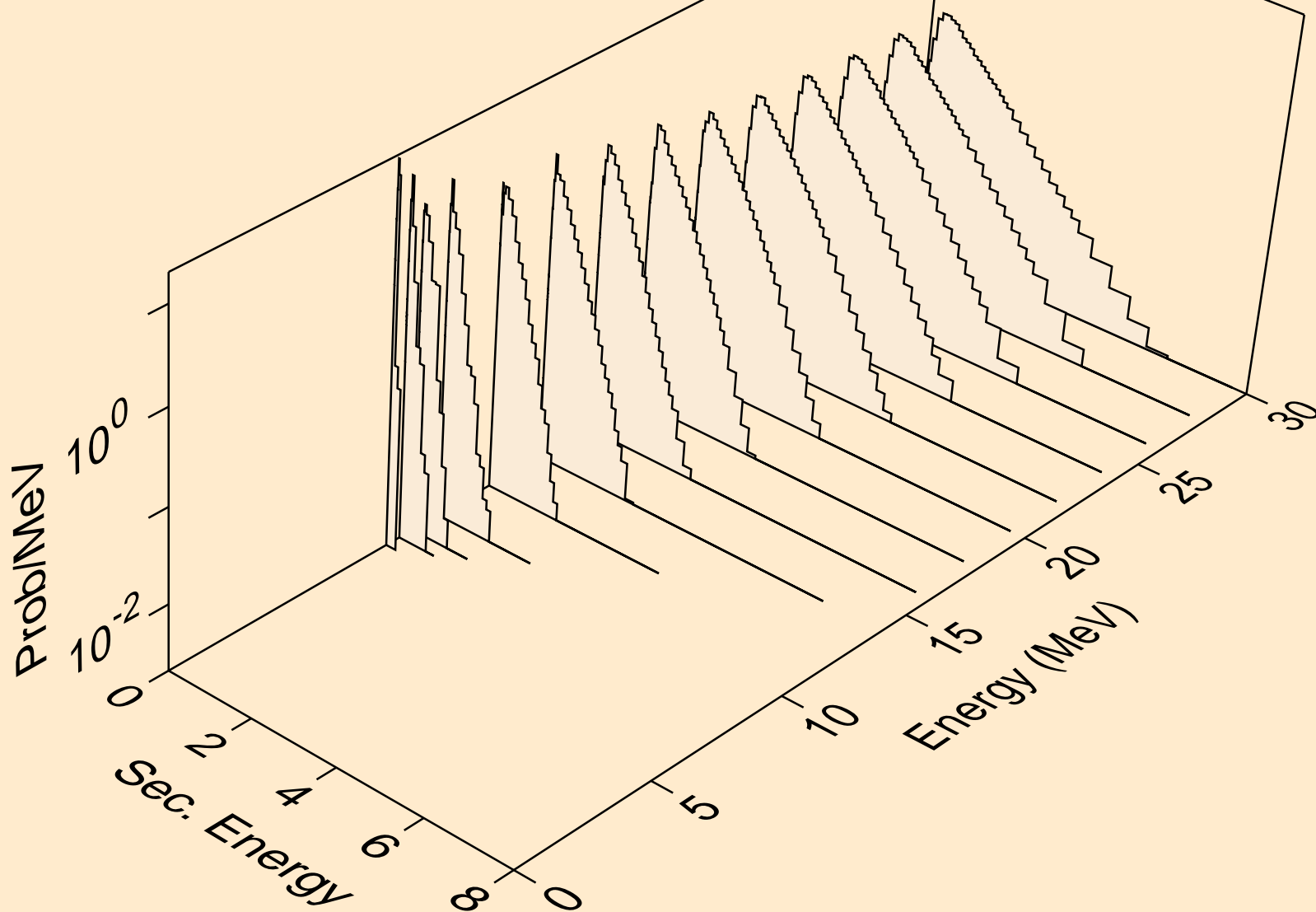
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



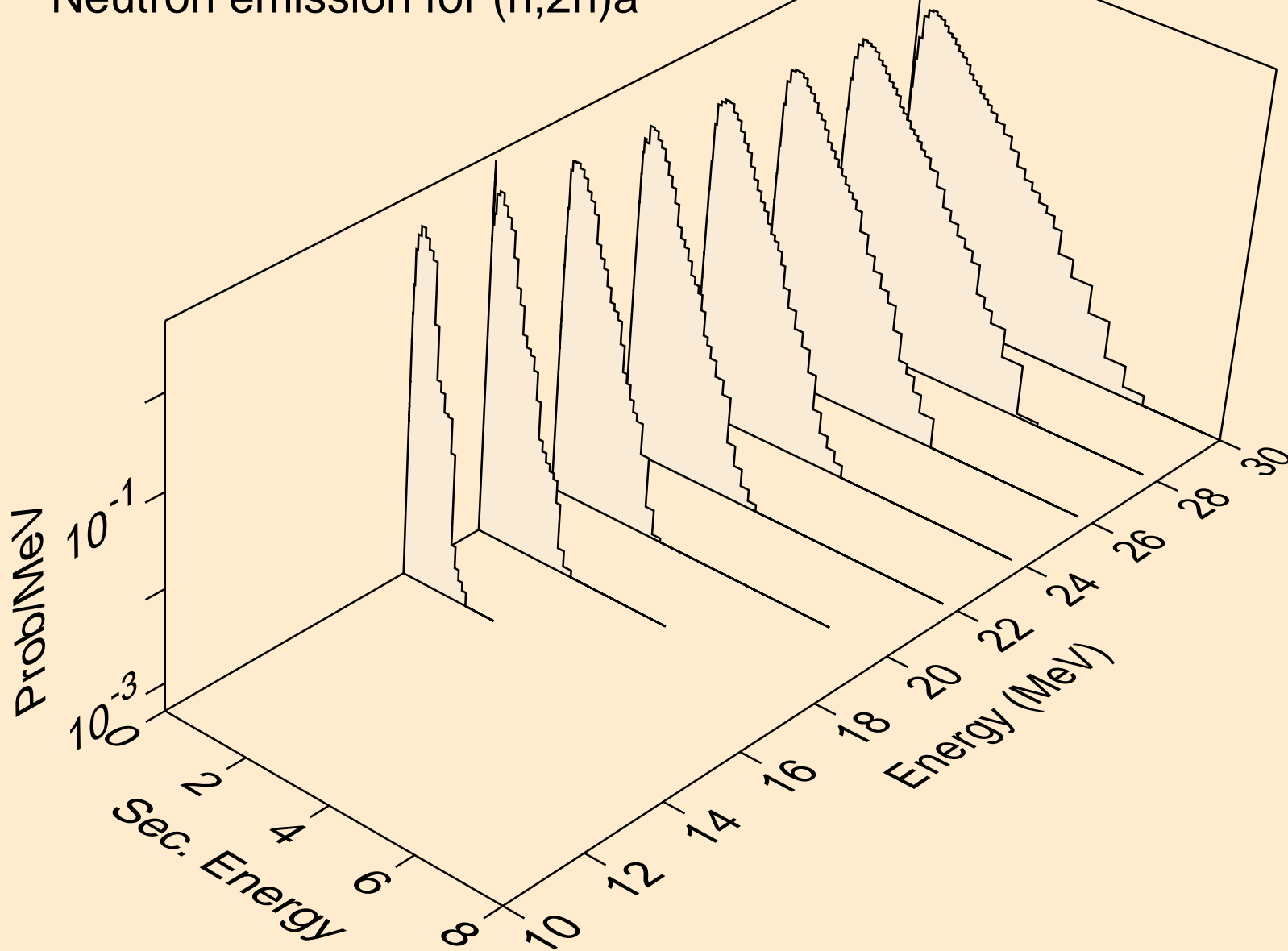
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



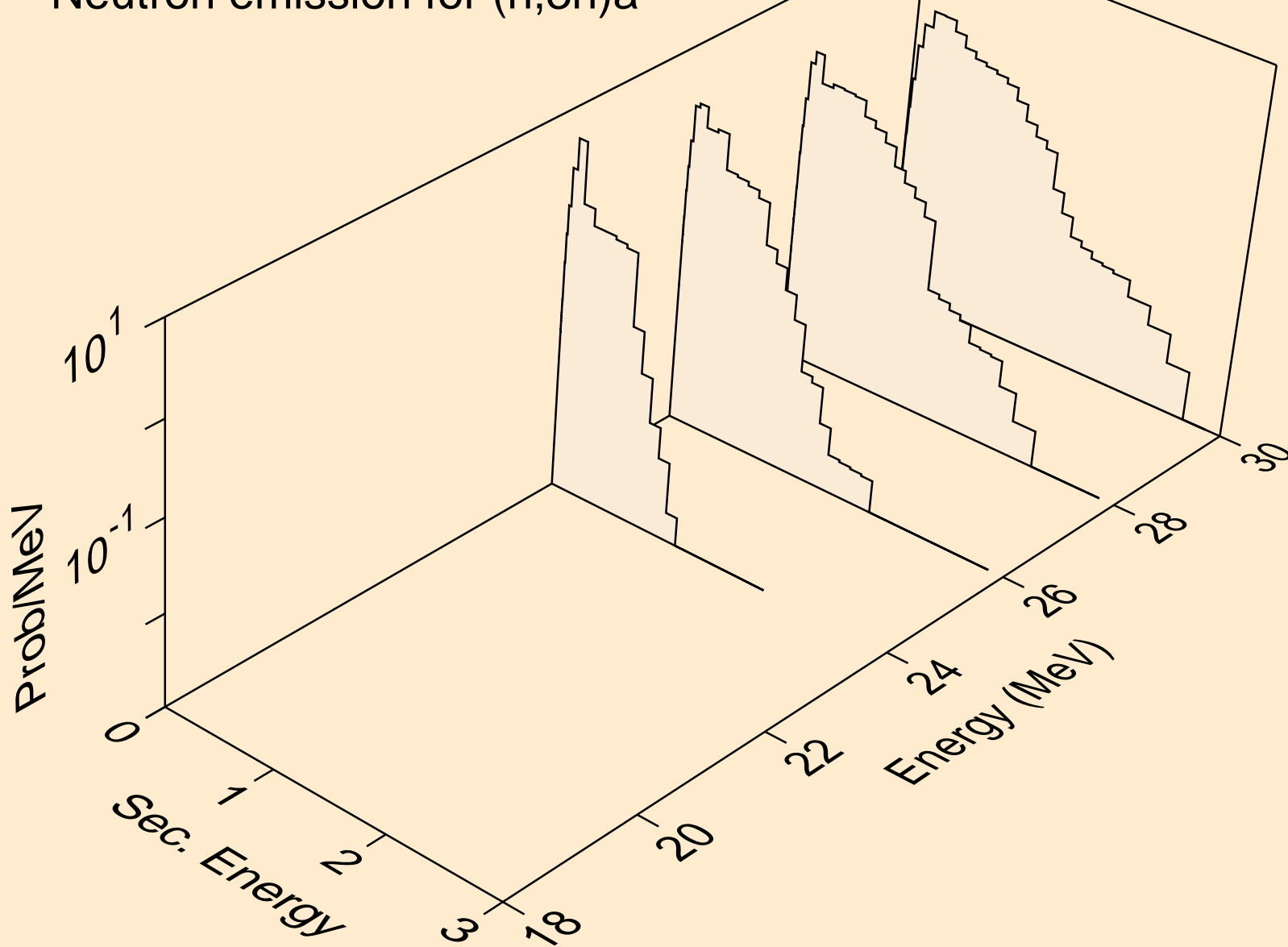
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



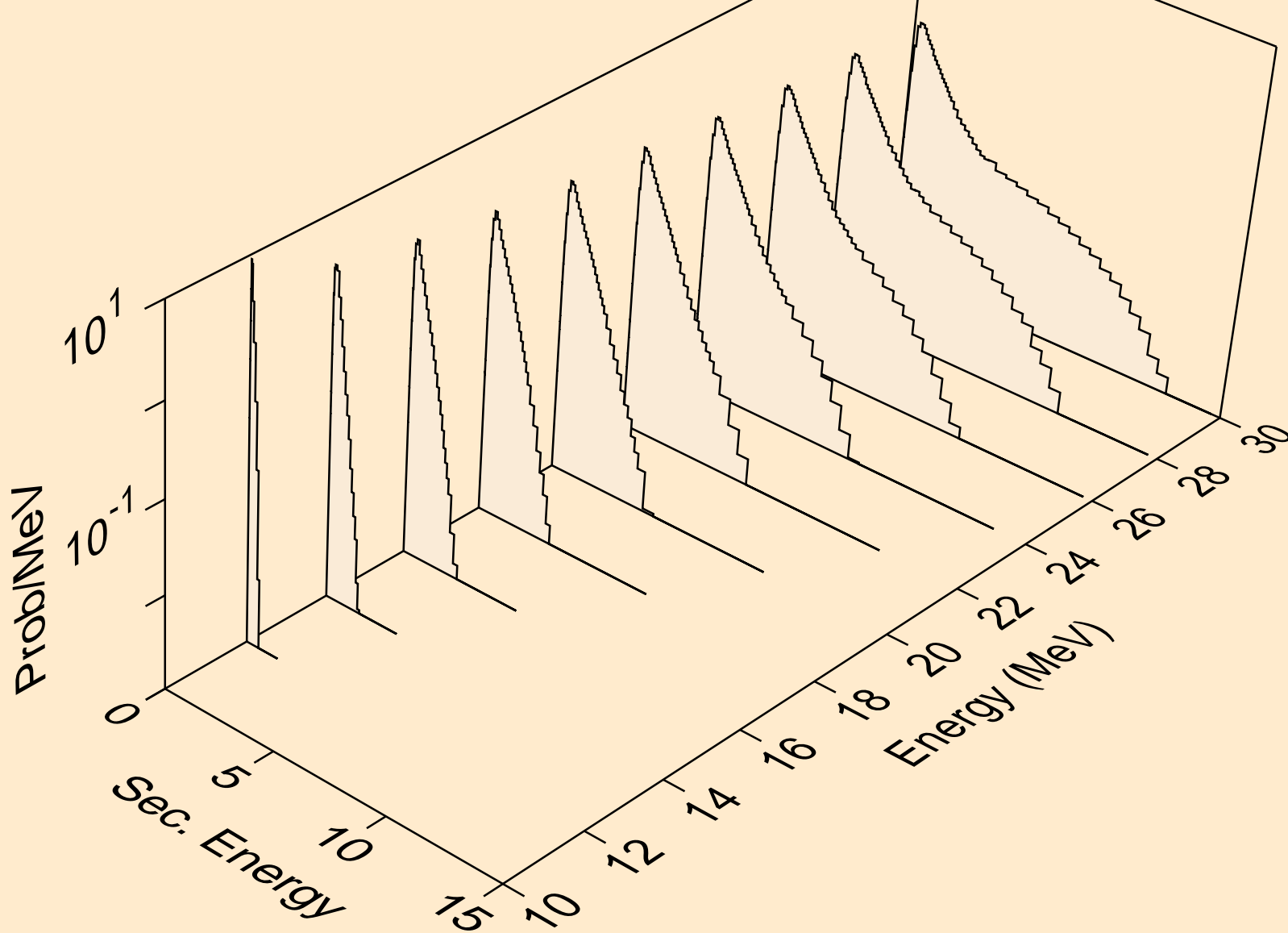
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



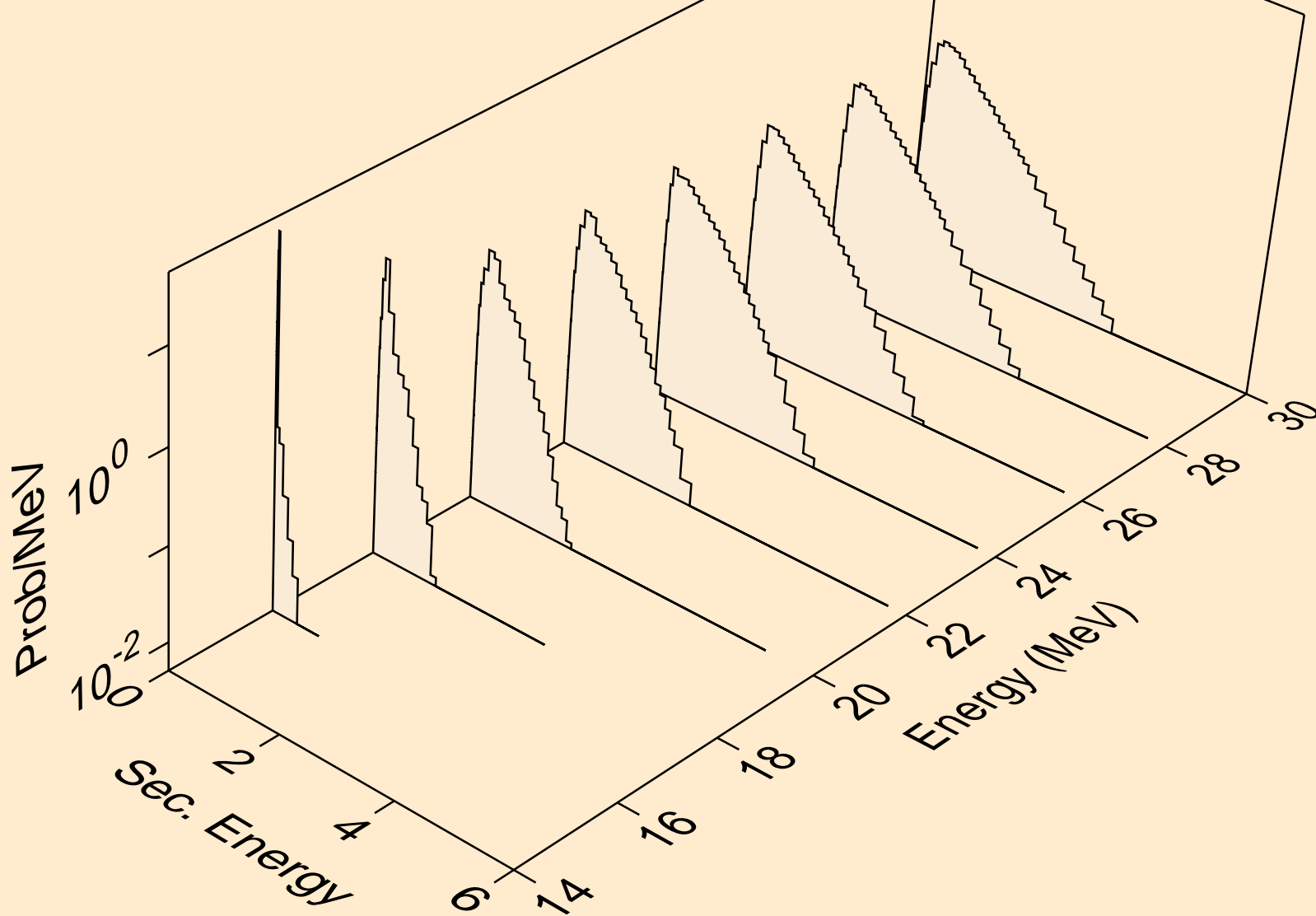
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



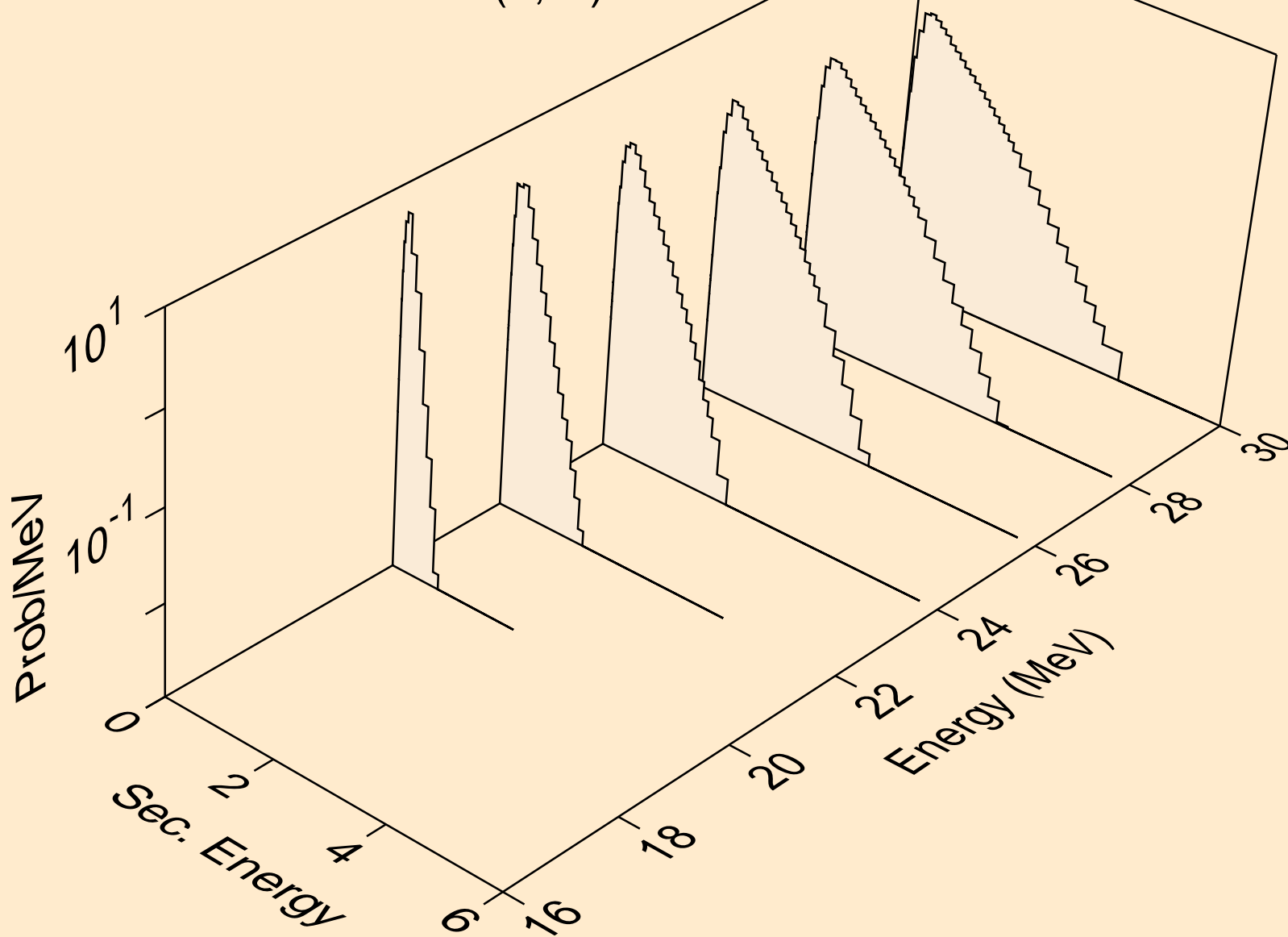
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



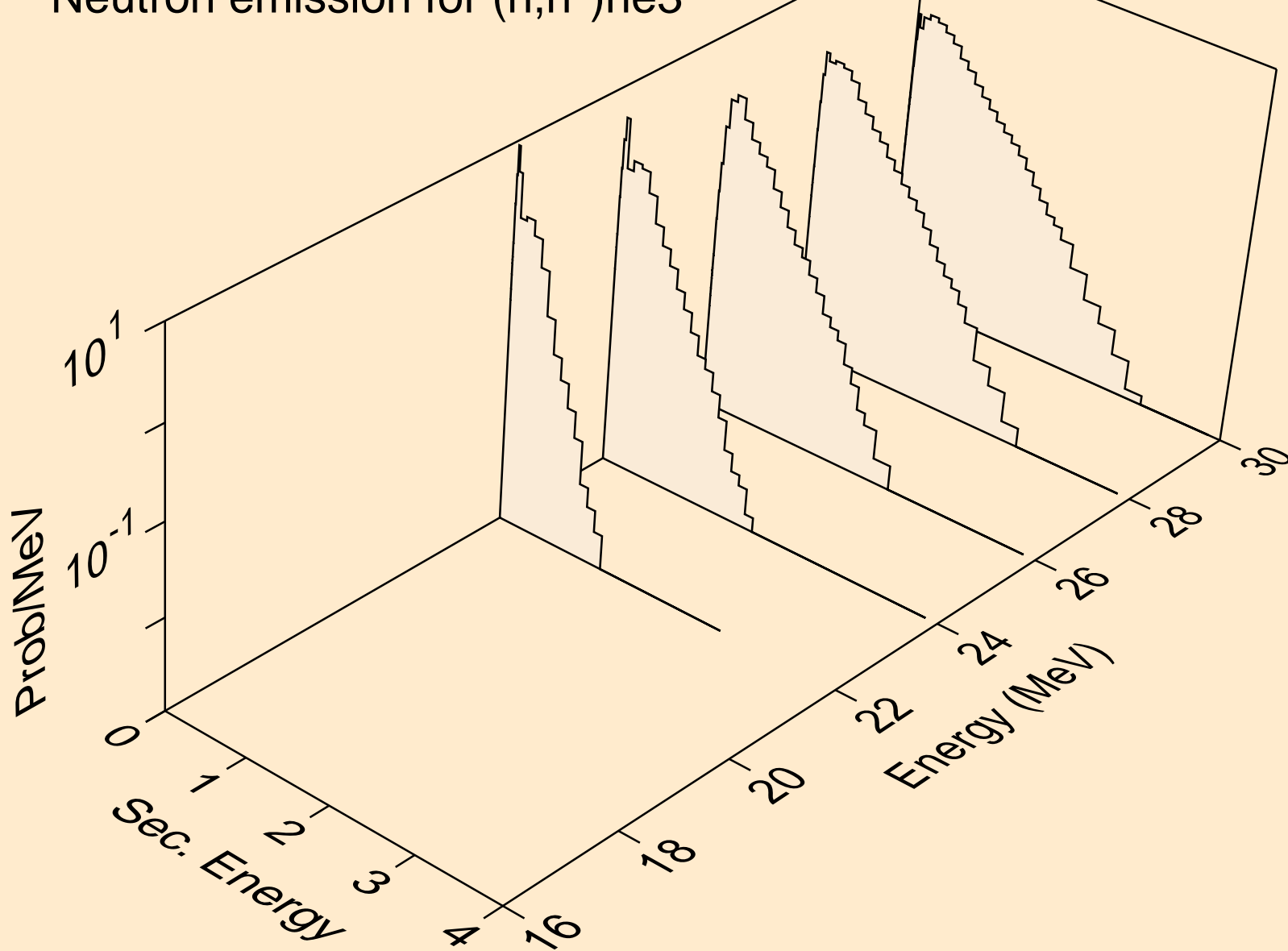
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



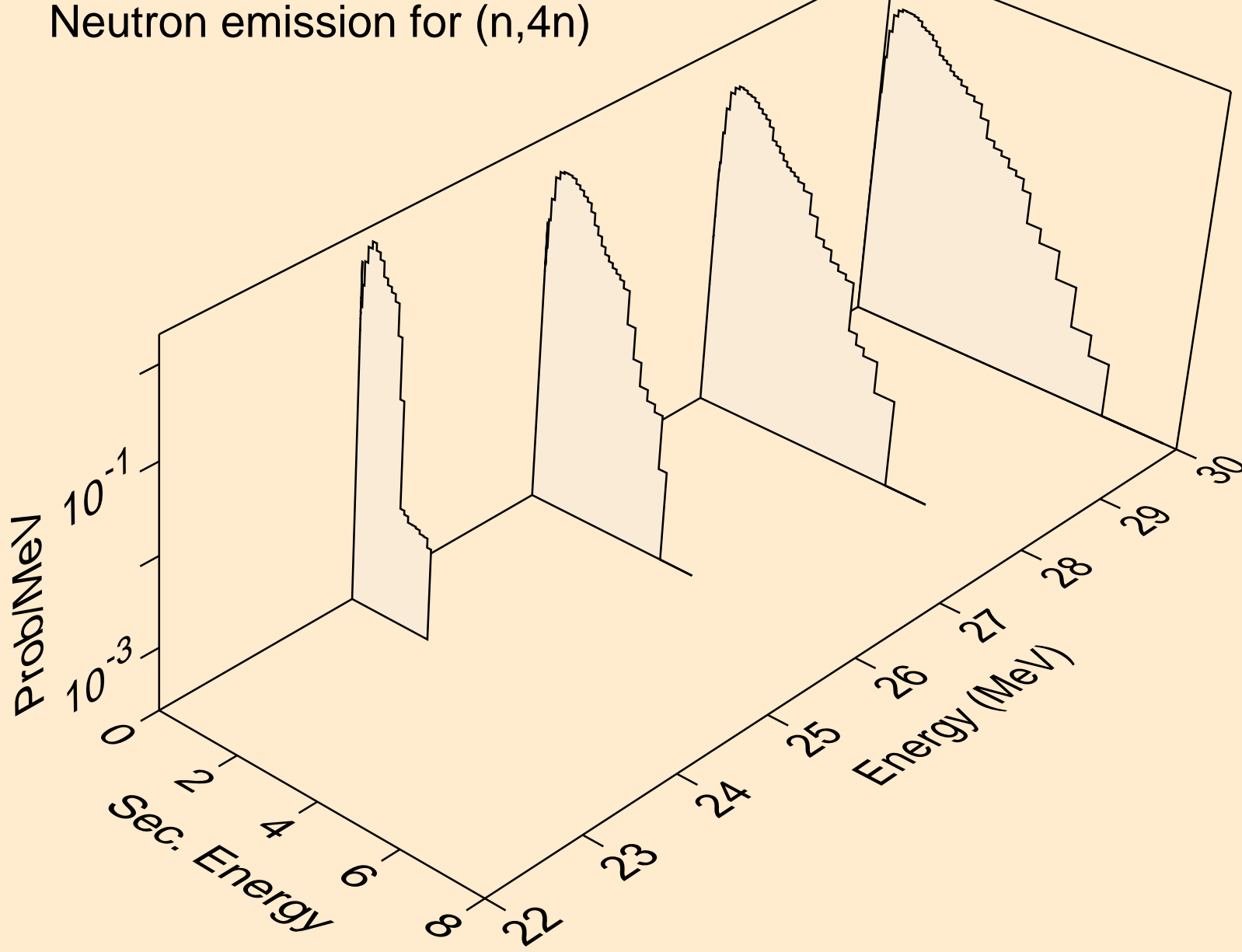
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



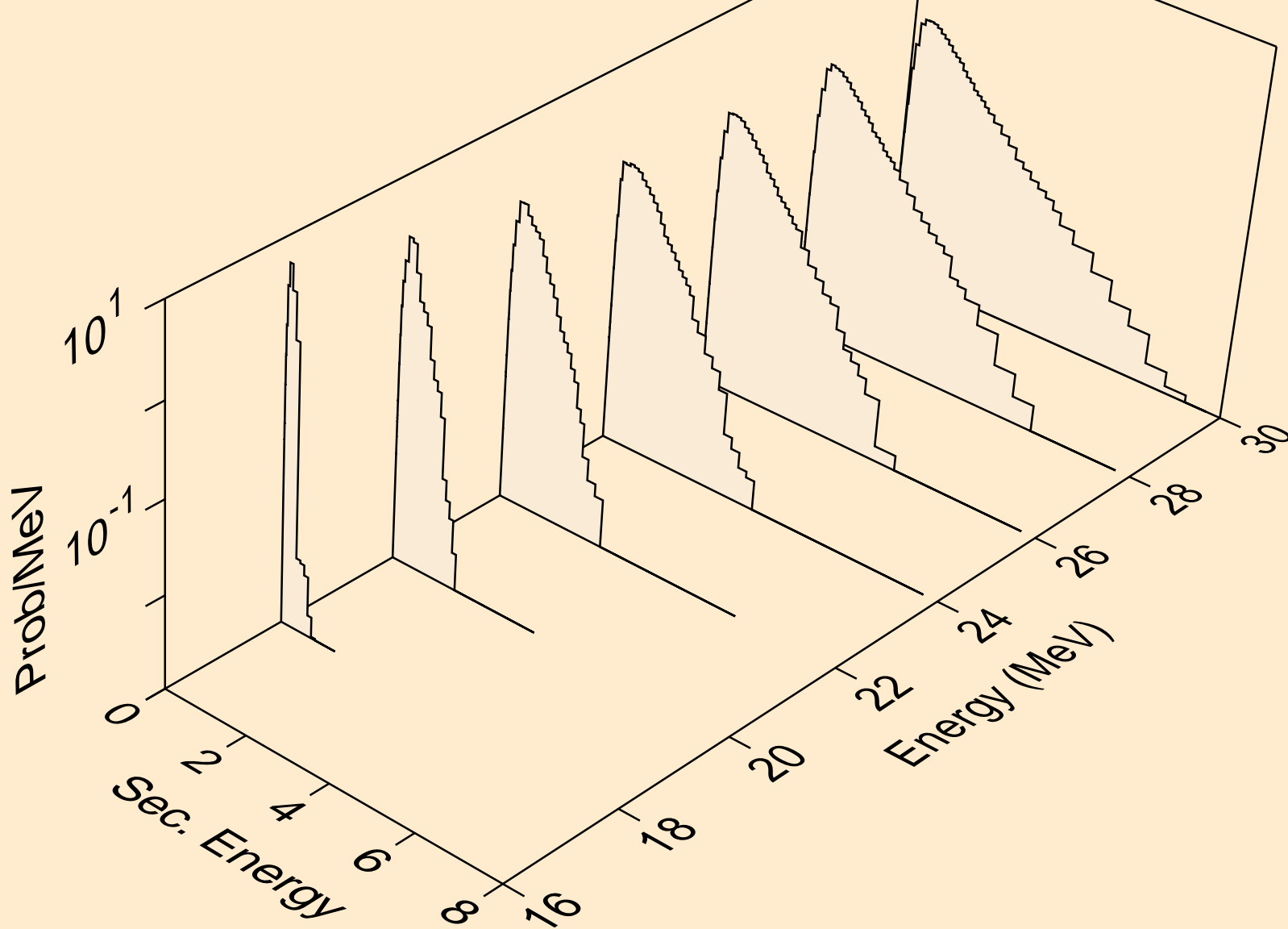
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



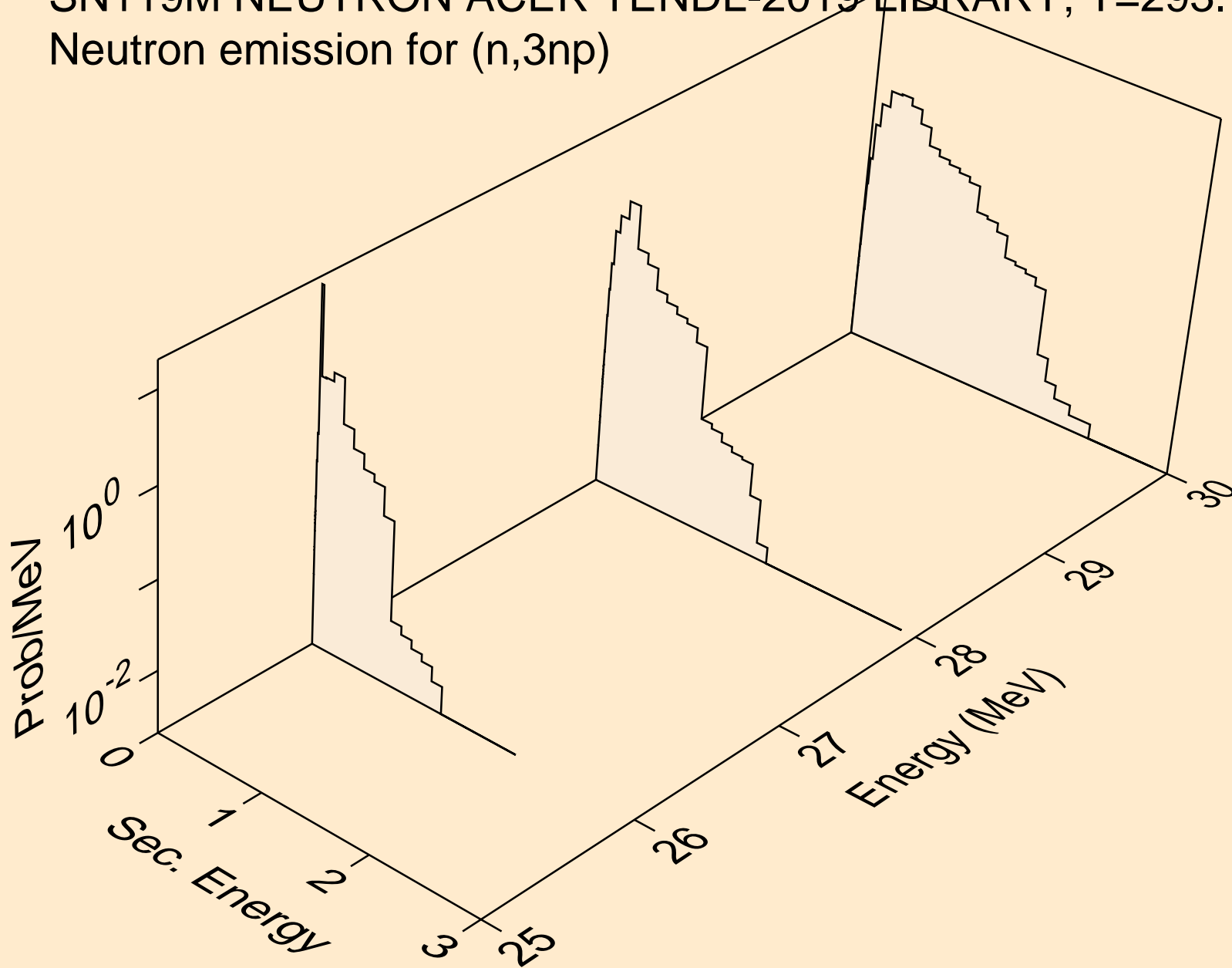
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



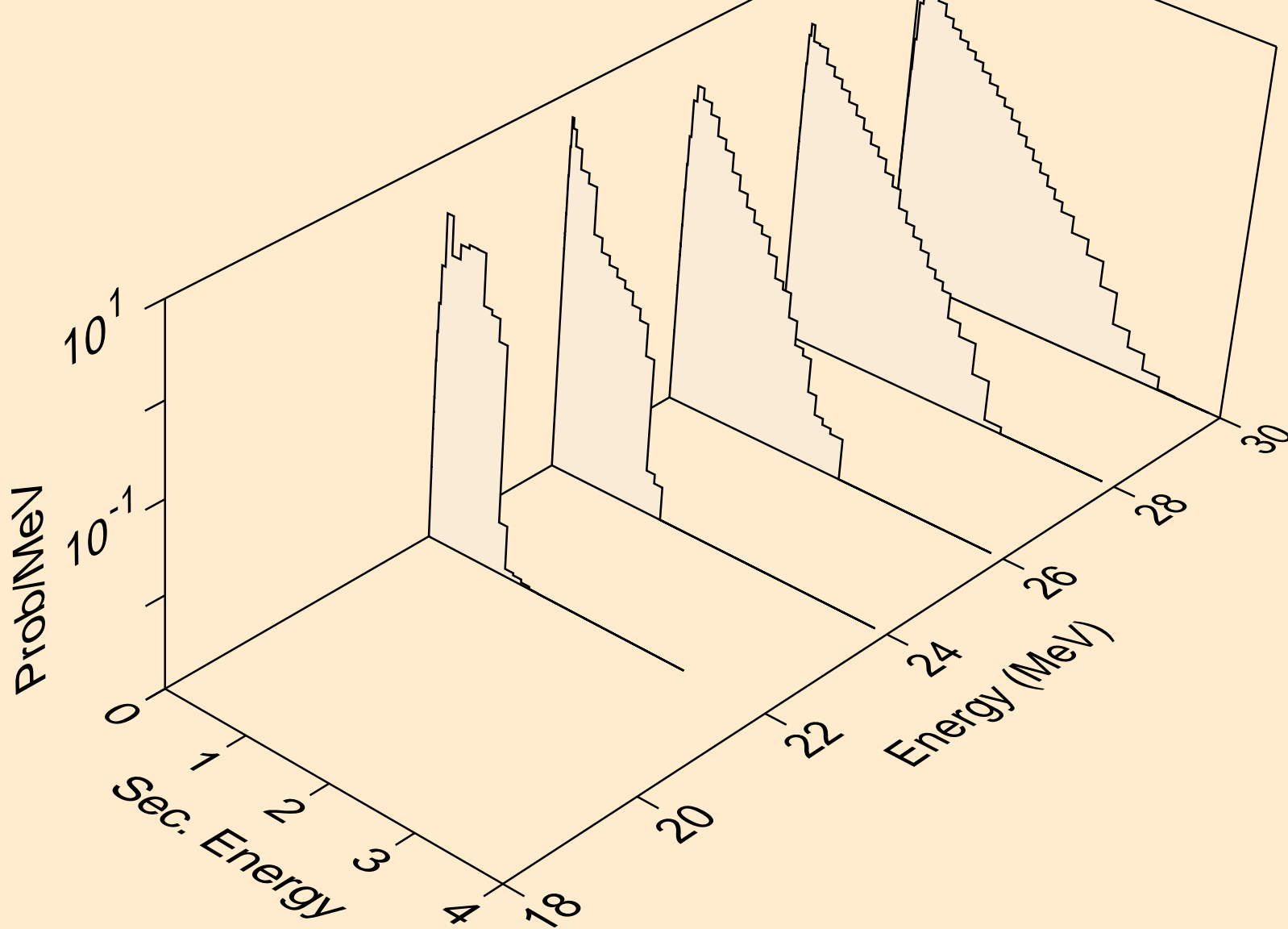
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



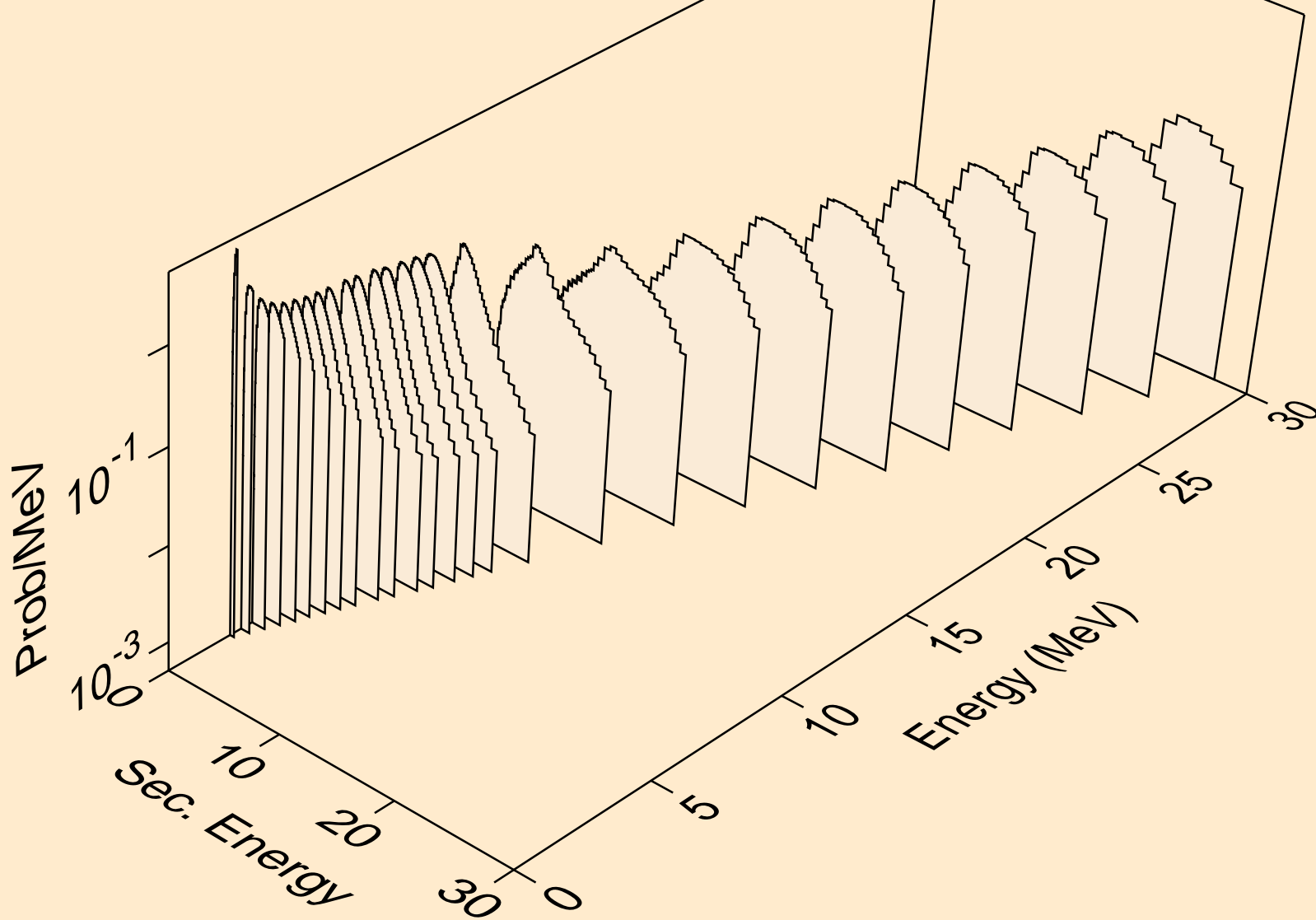
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



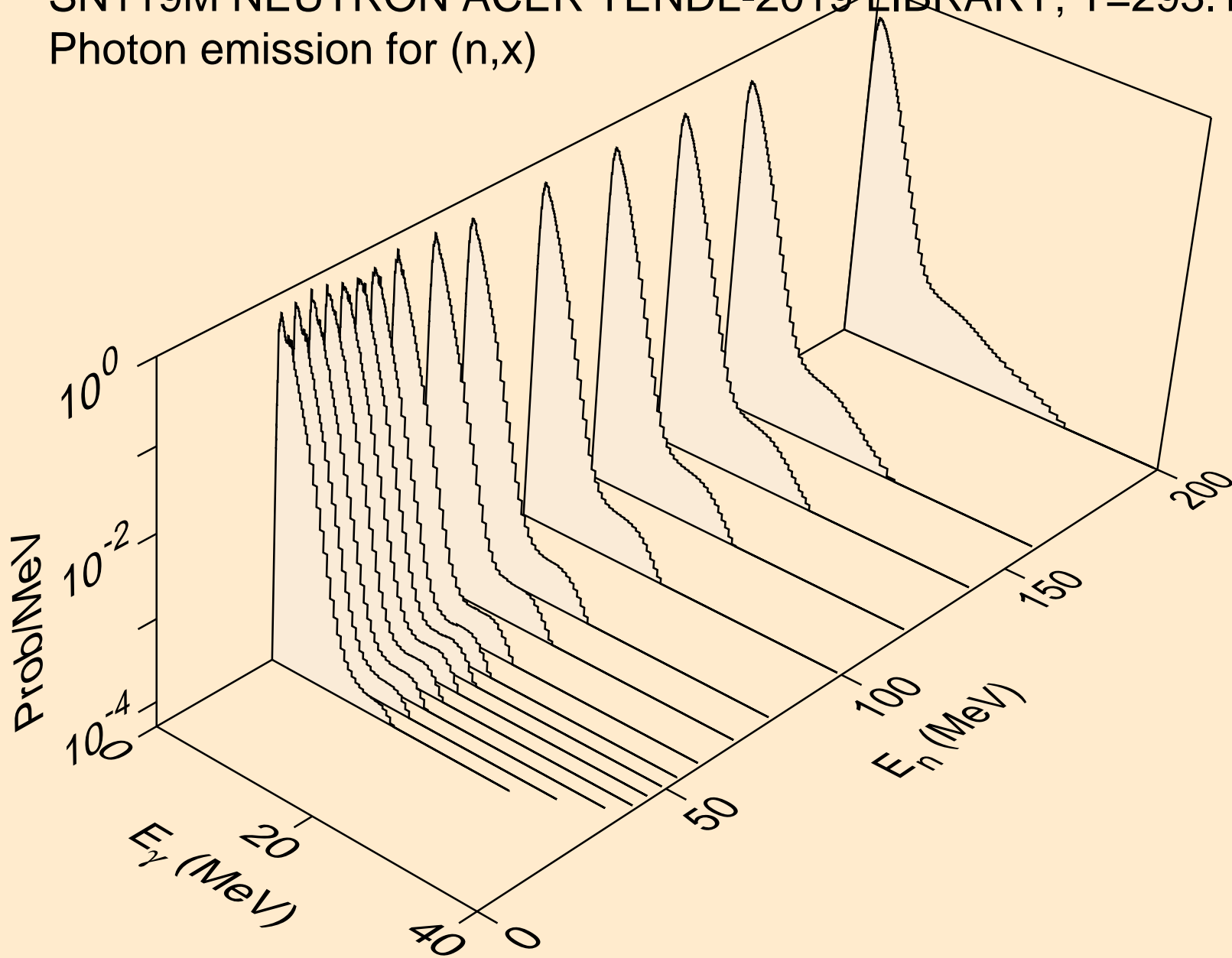
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



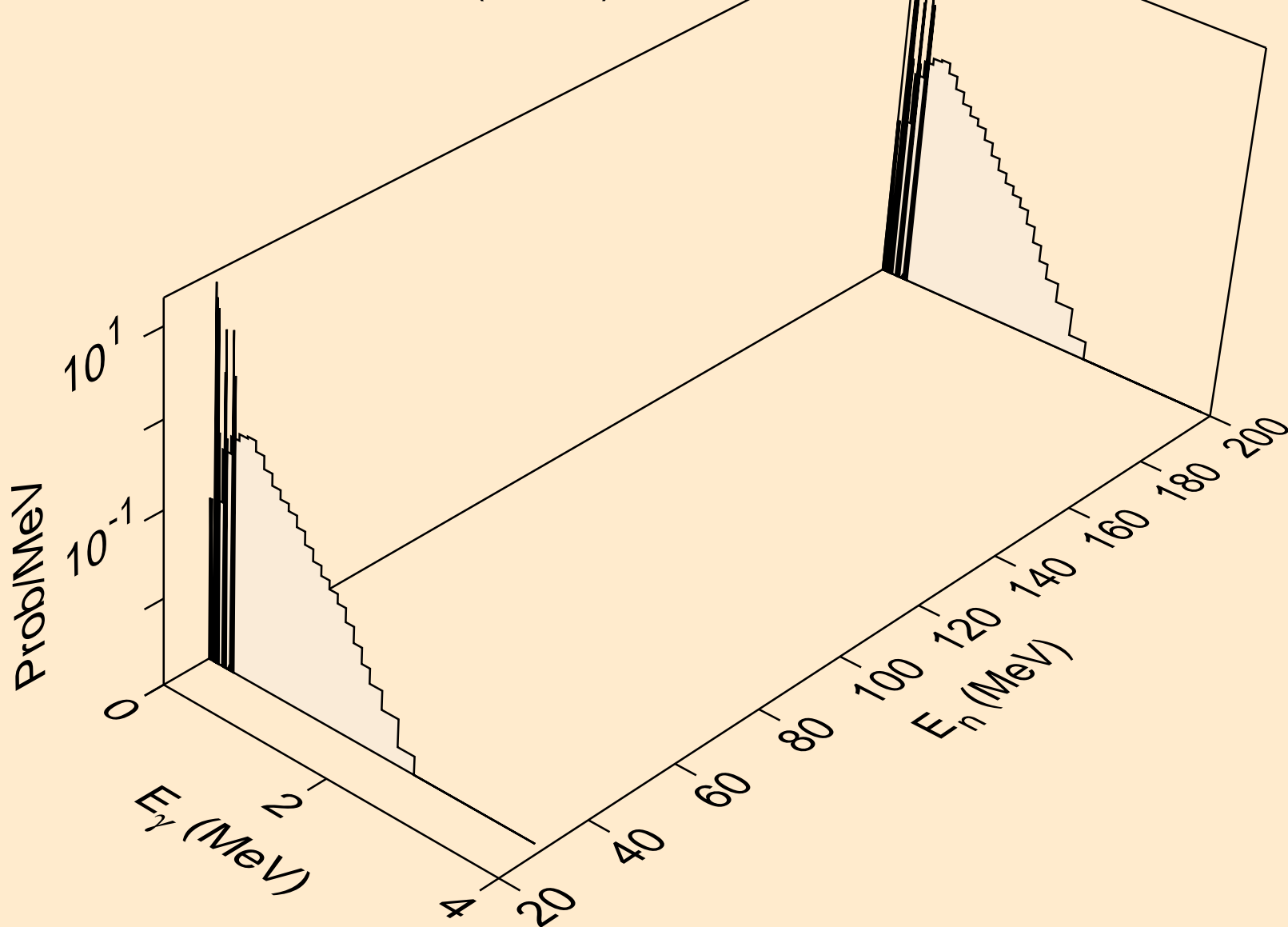
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



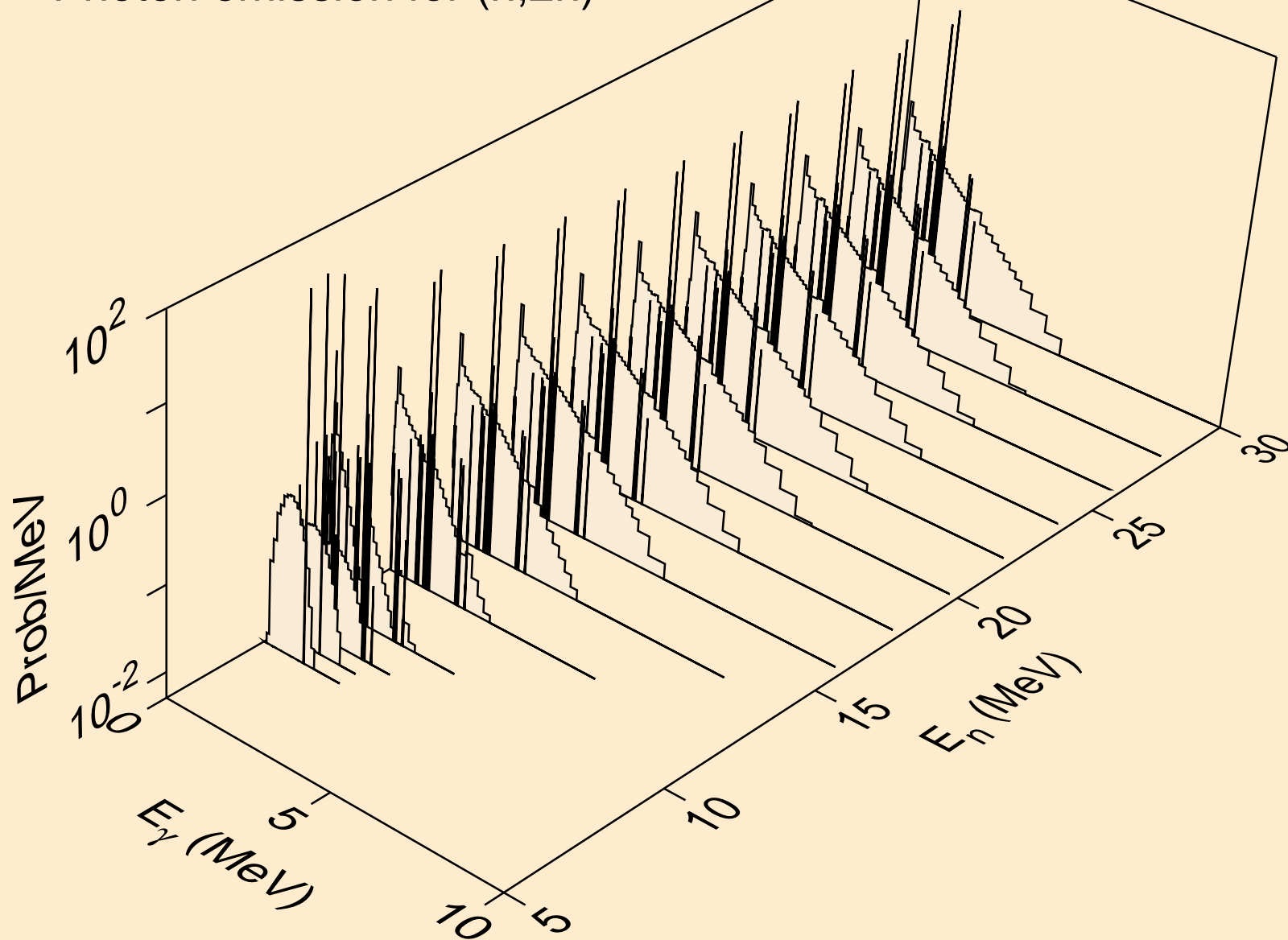
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



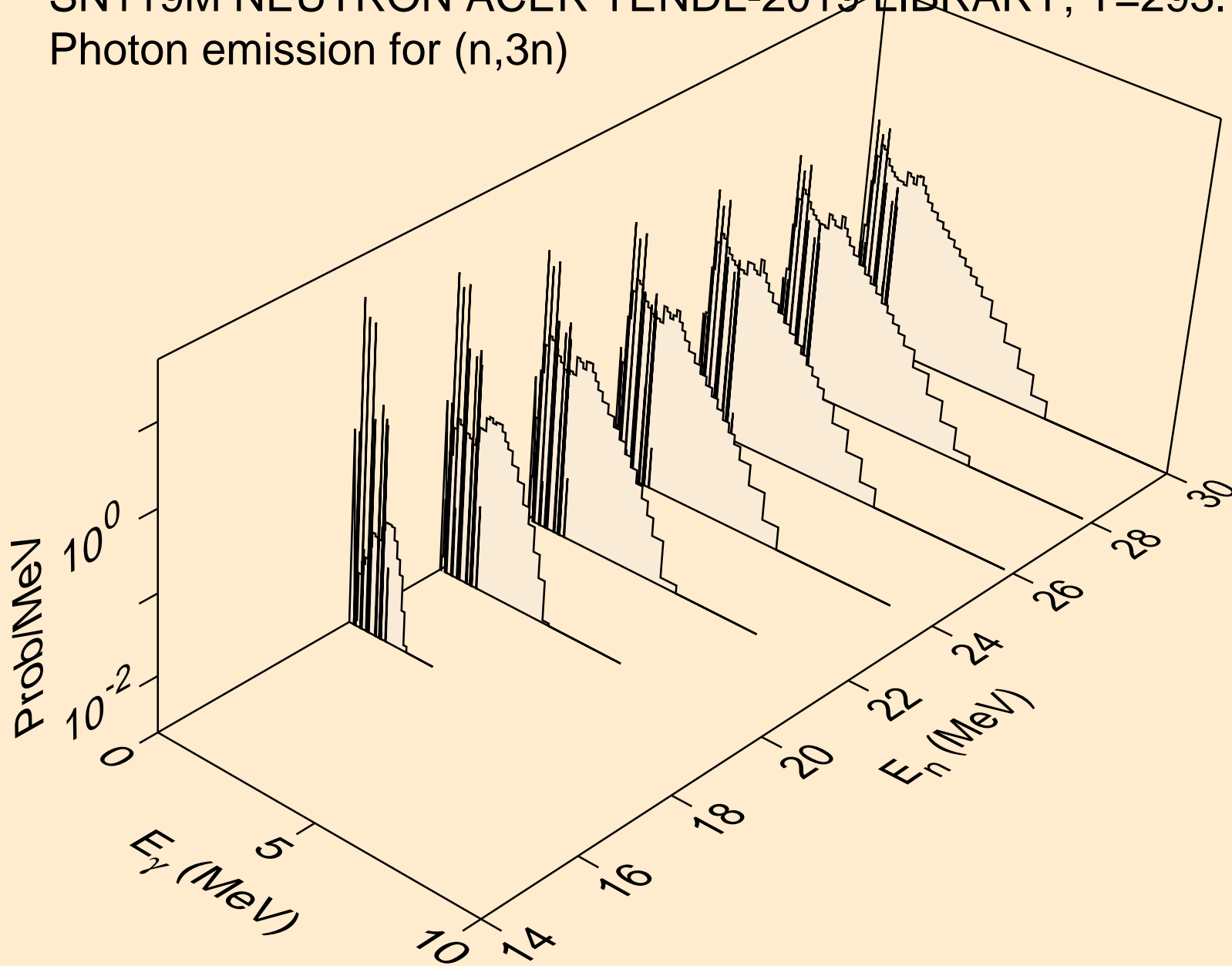
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



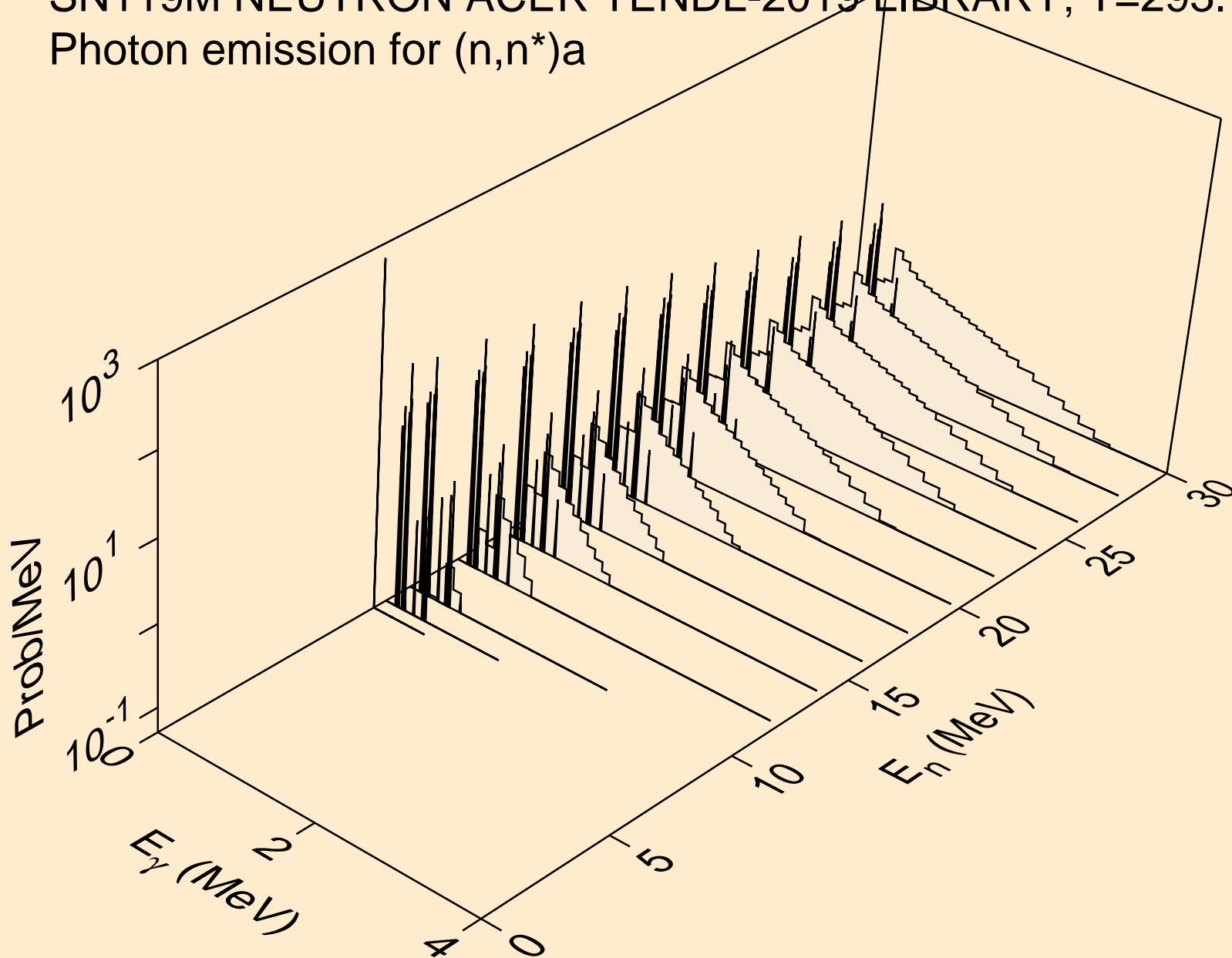
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



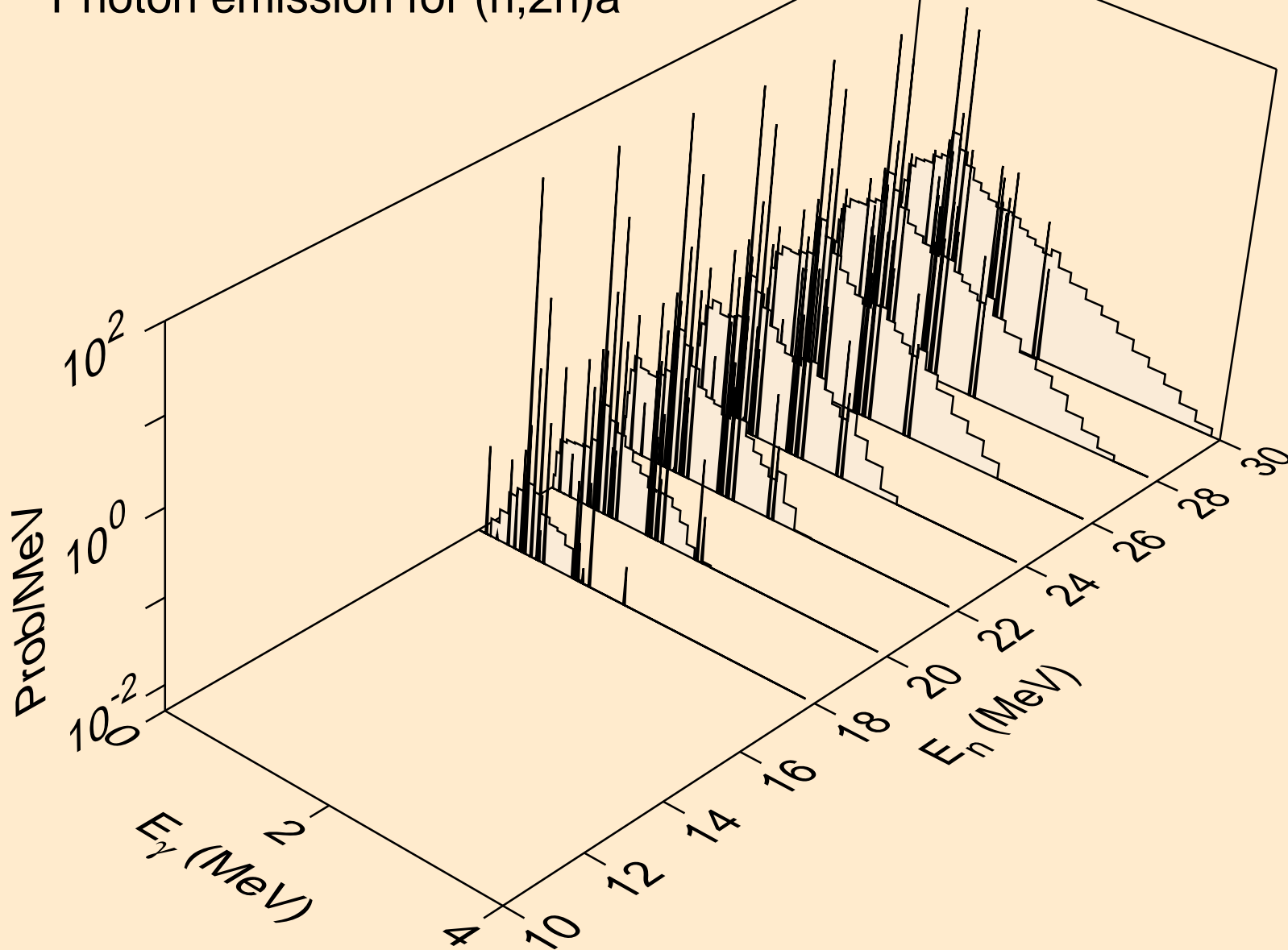
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



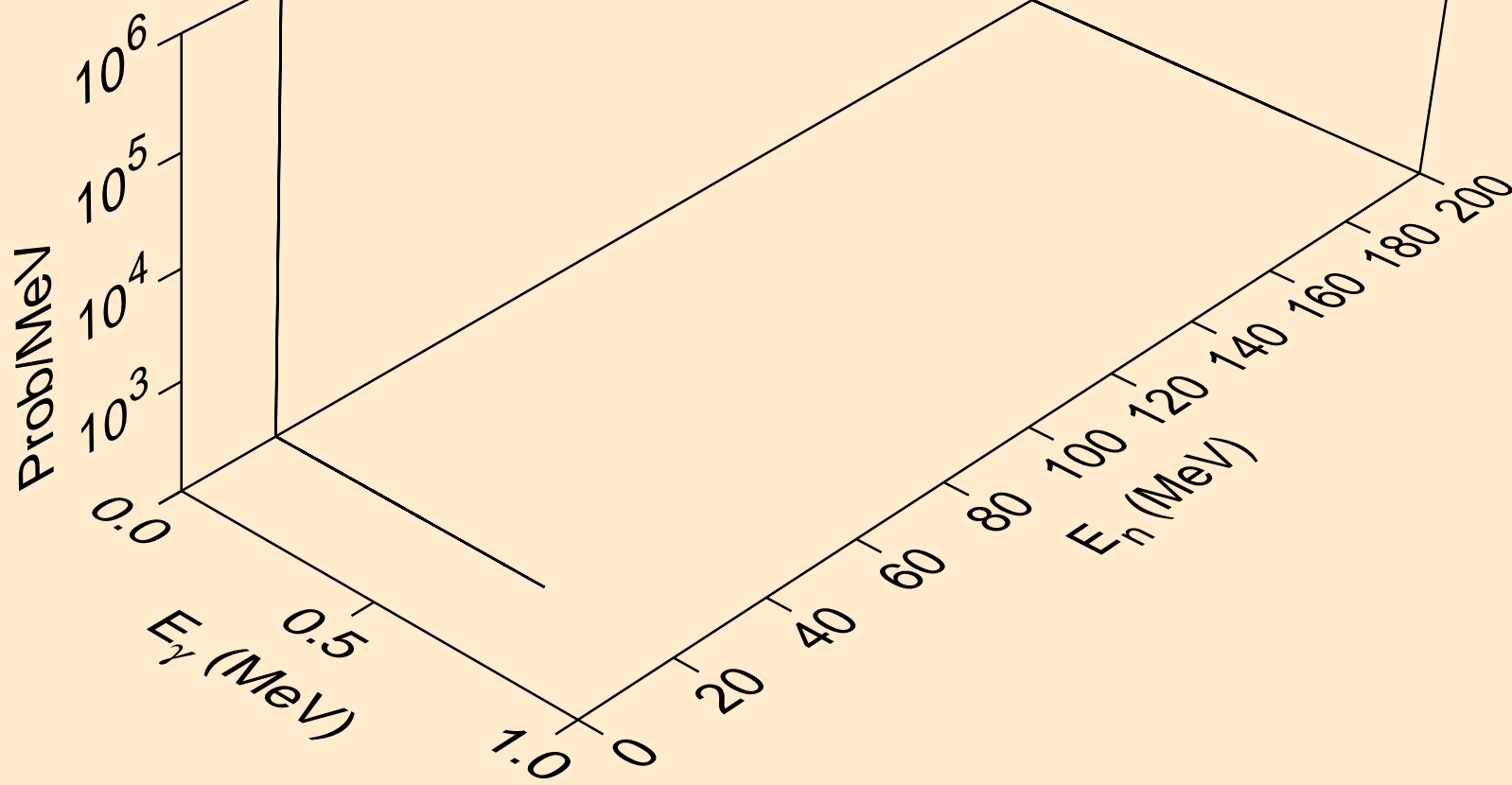
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Photon emission for (n,n*)a



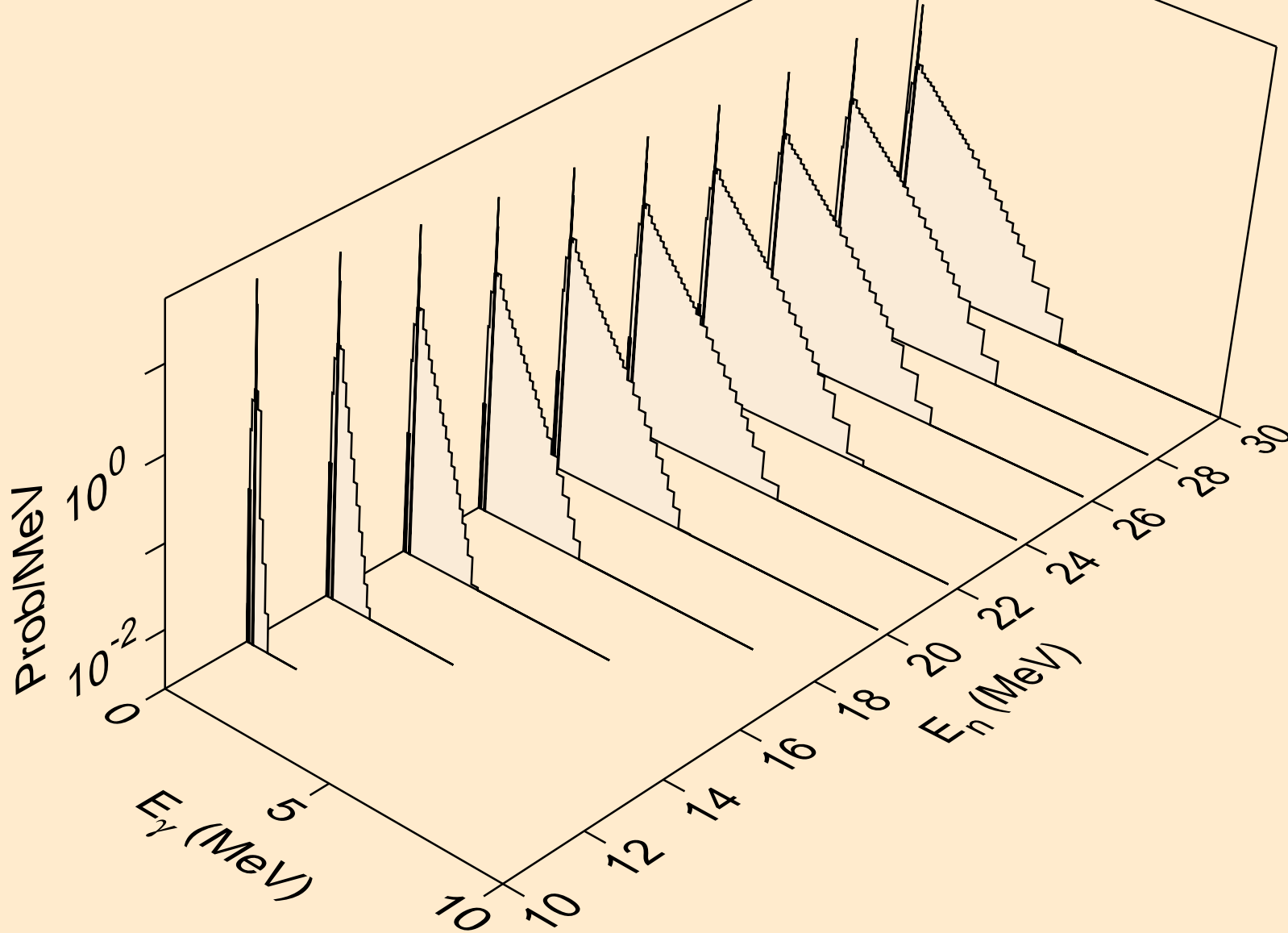
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



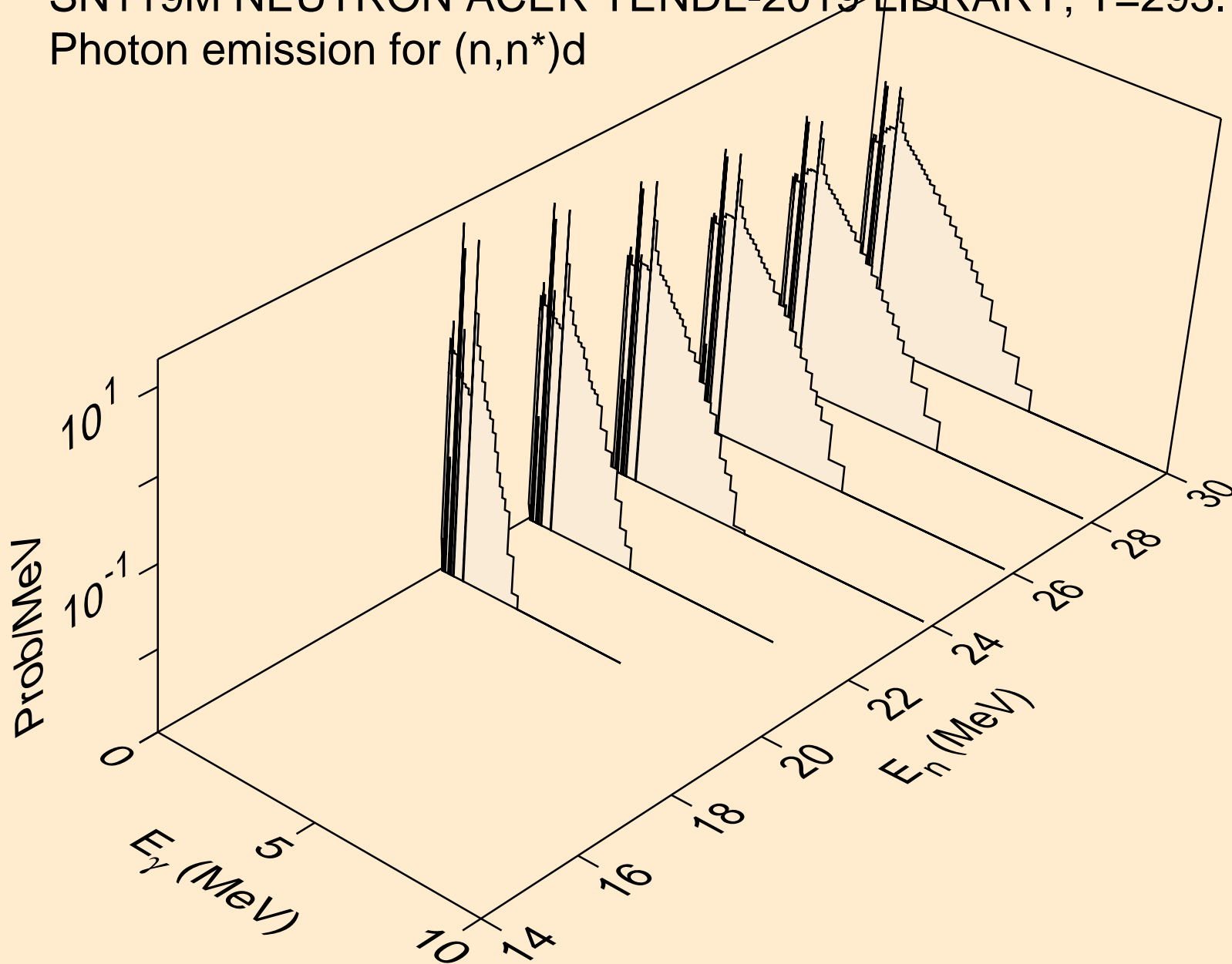
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Photon emission for (n,3n)a



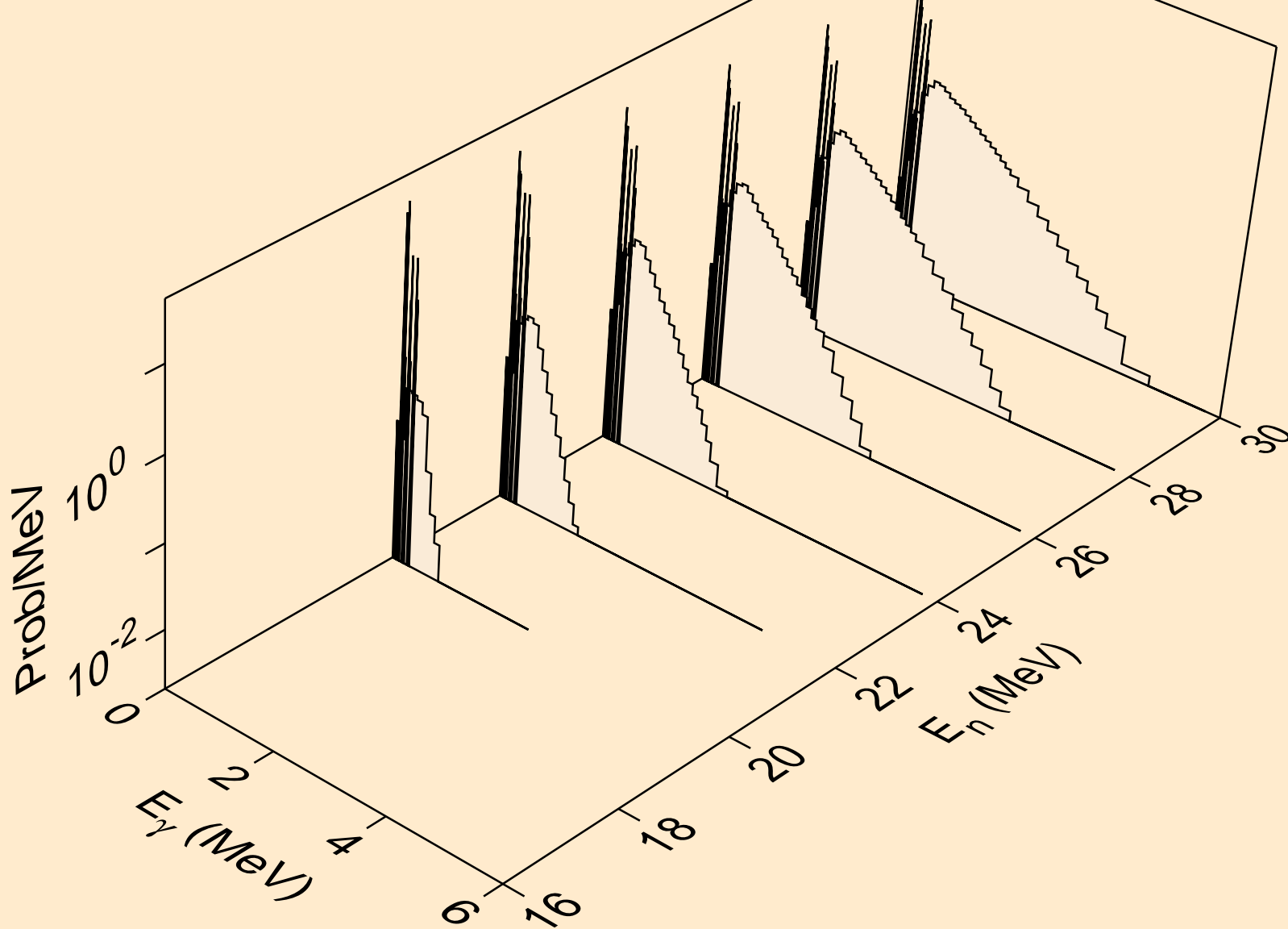
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



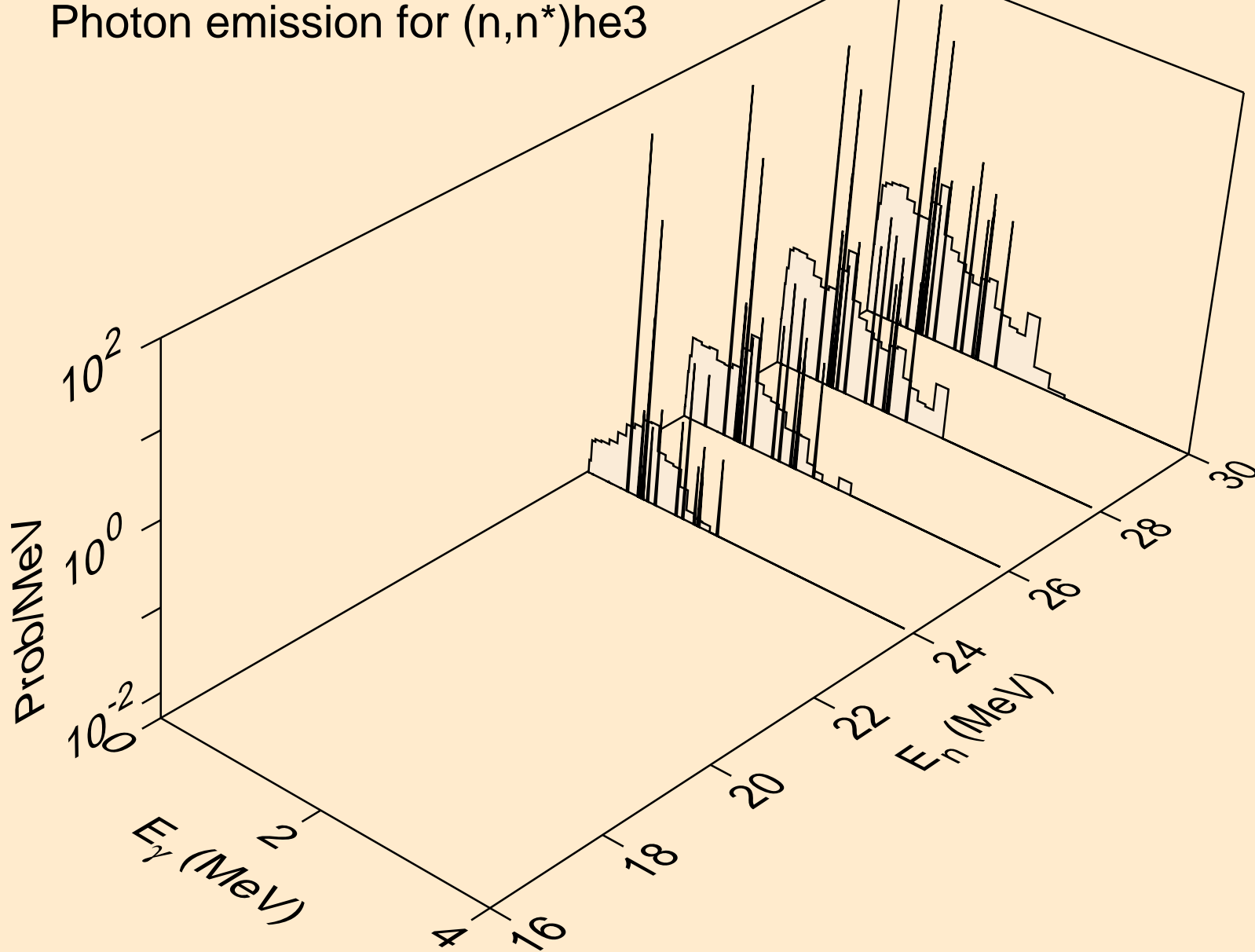
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Photon emission for (n,n*)d



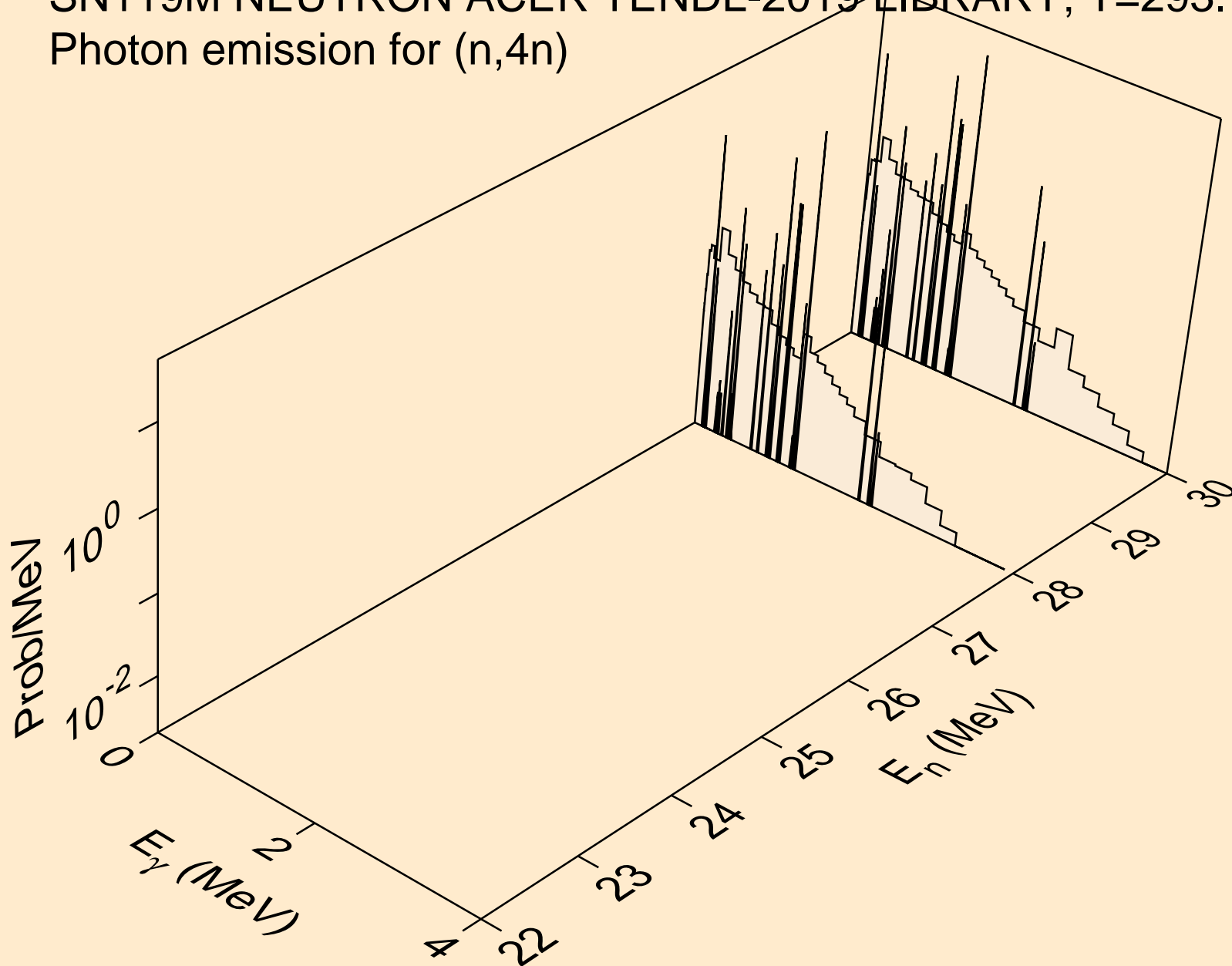
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Photon emission for (n,n*)t



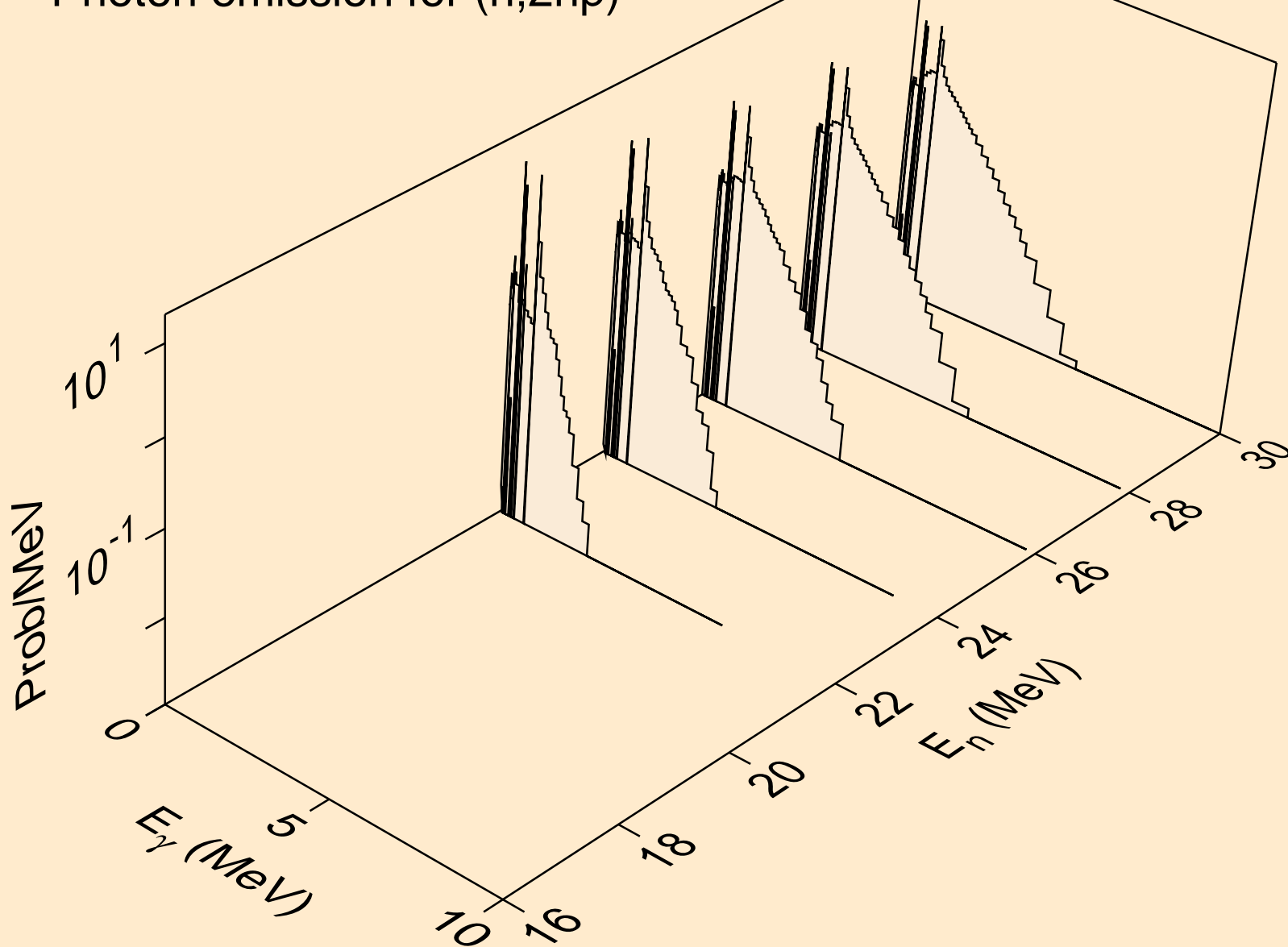
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



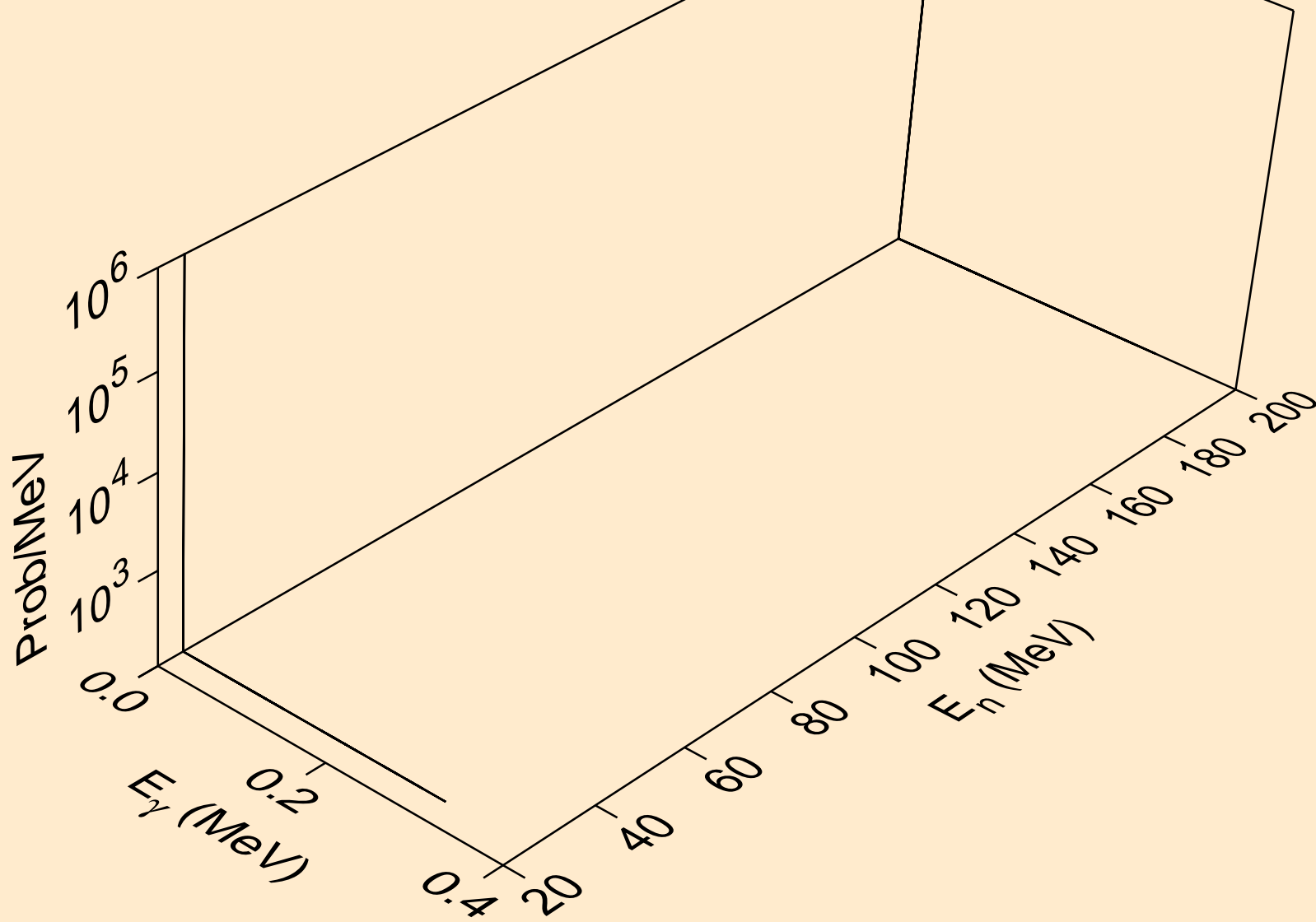
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



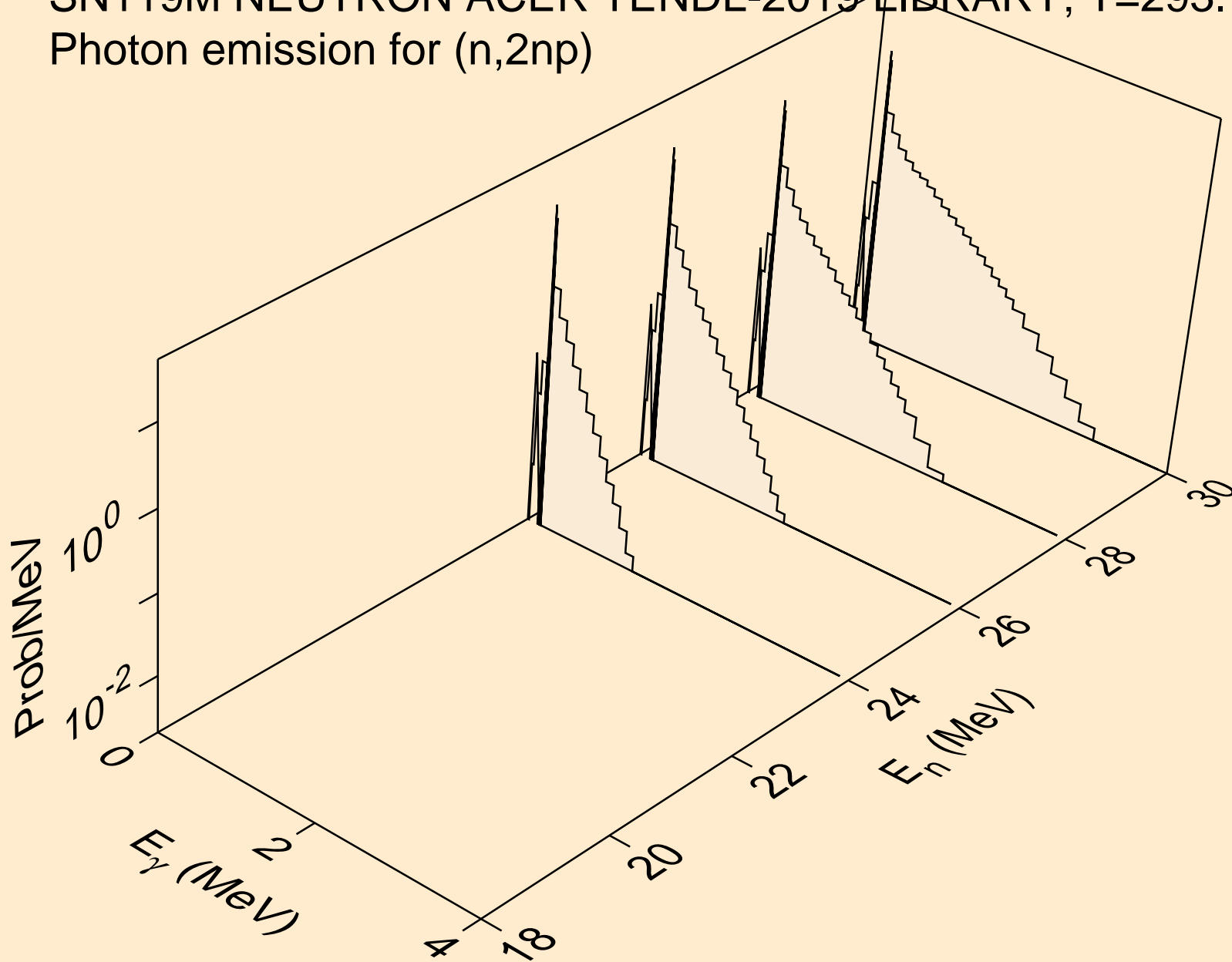
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



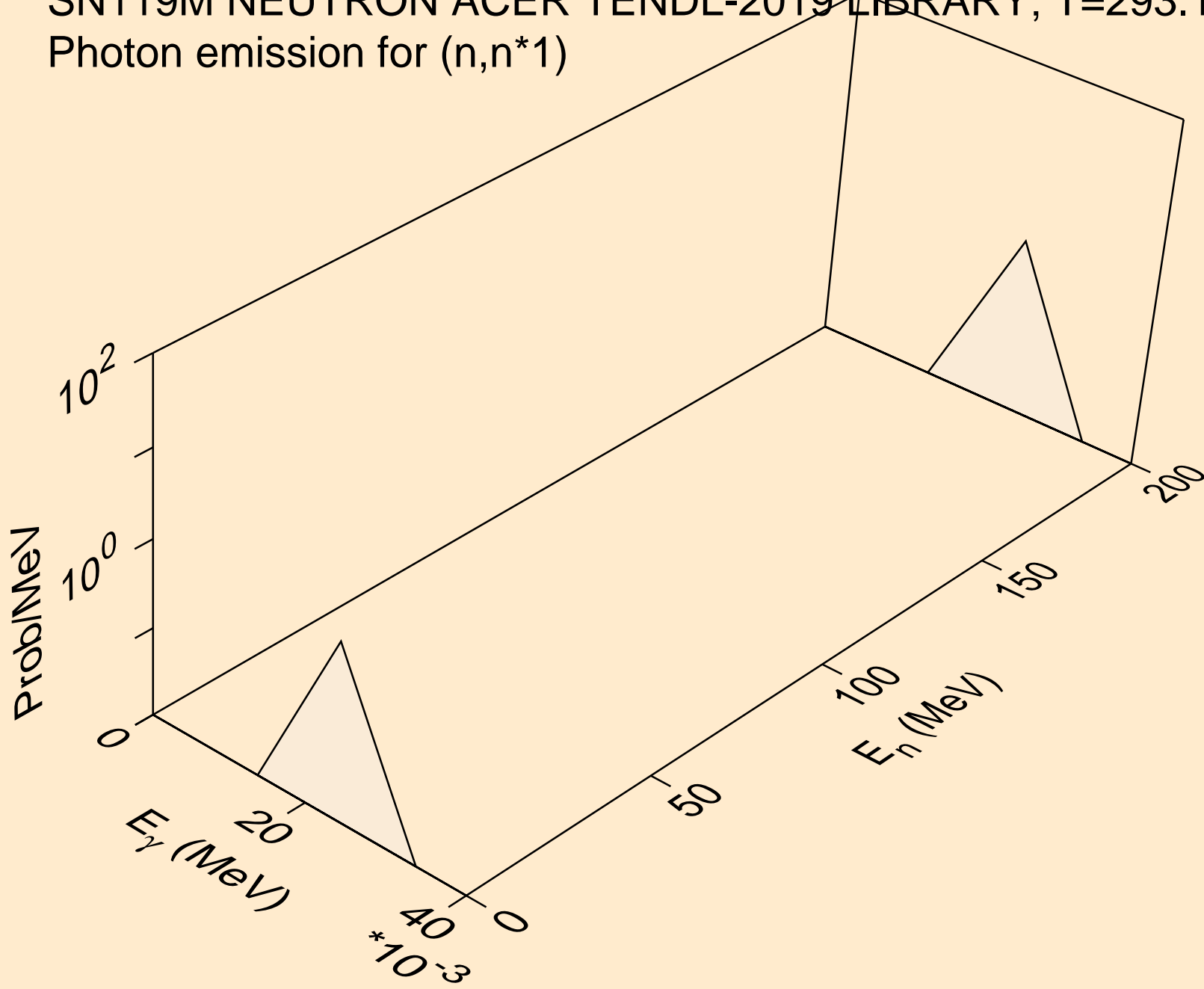
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



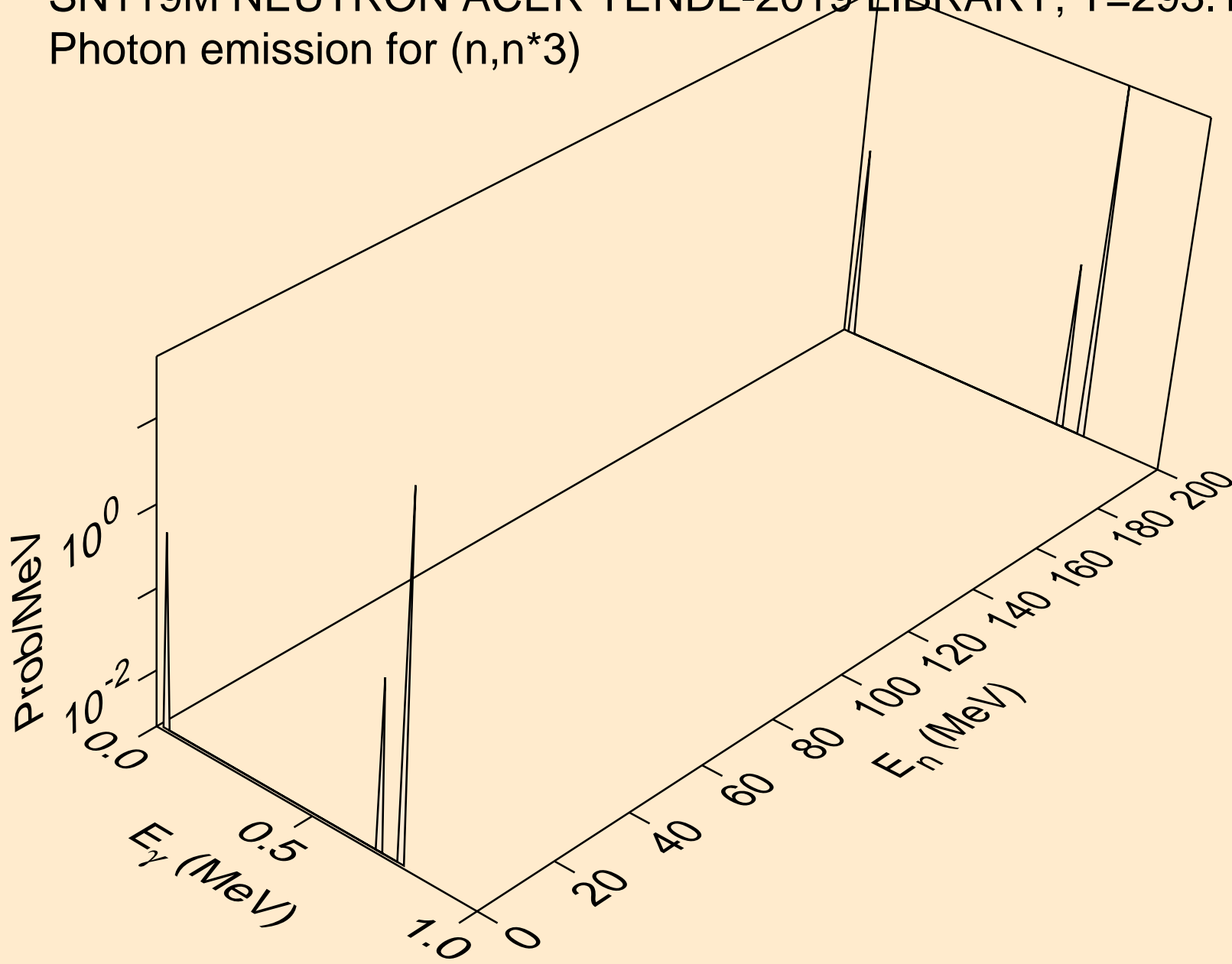
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



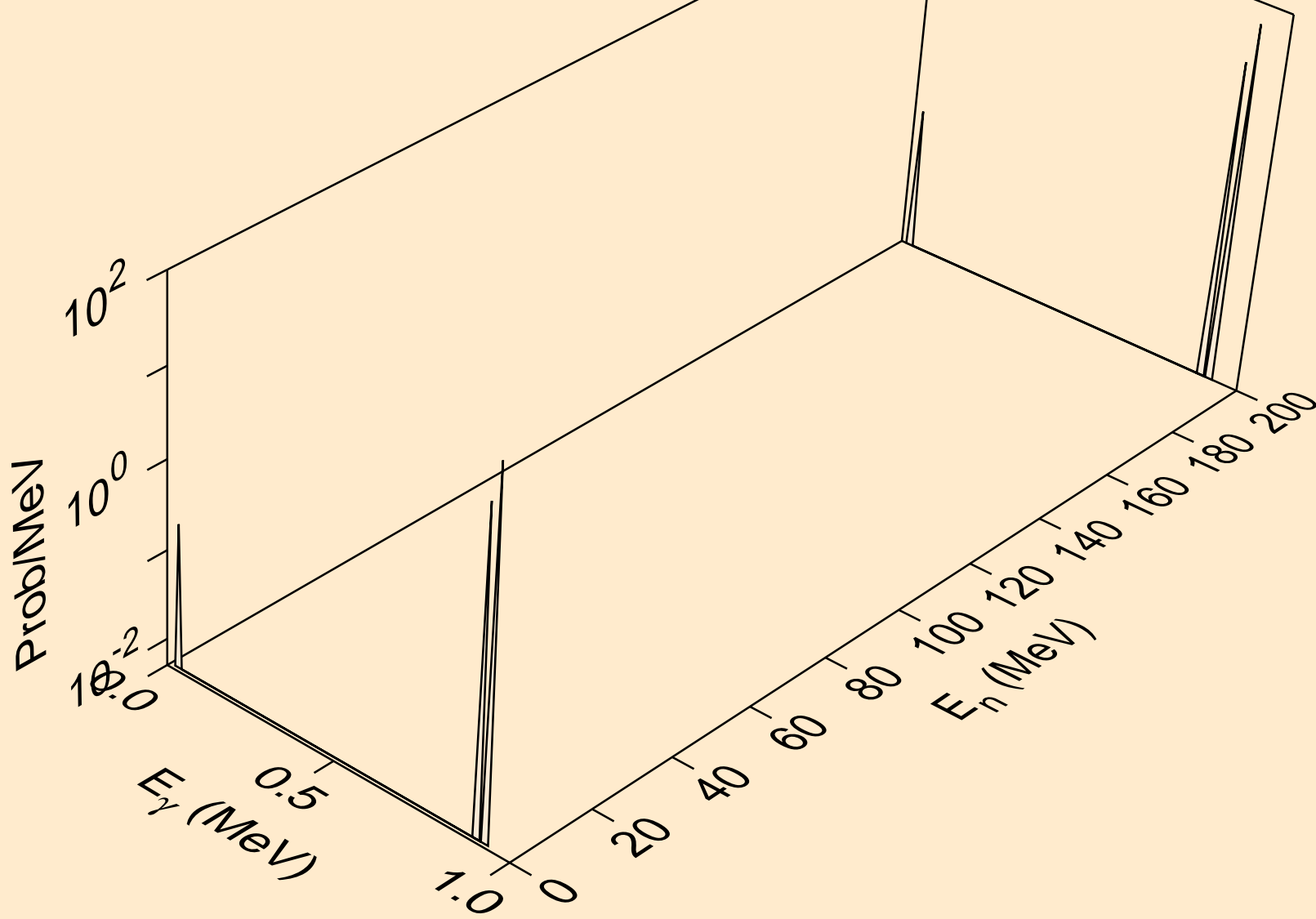
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Photon emission for (n,n*1)



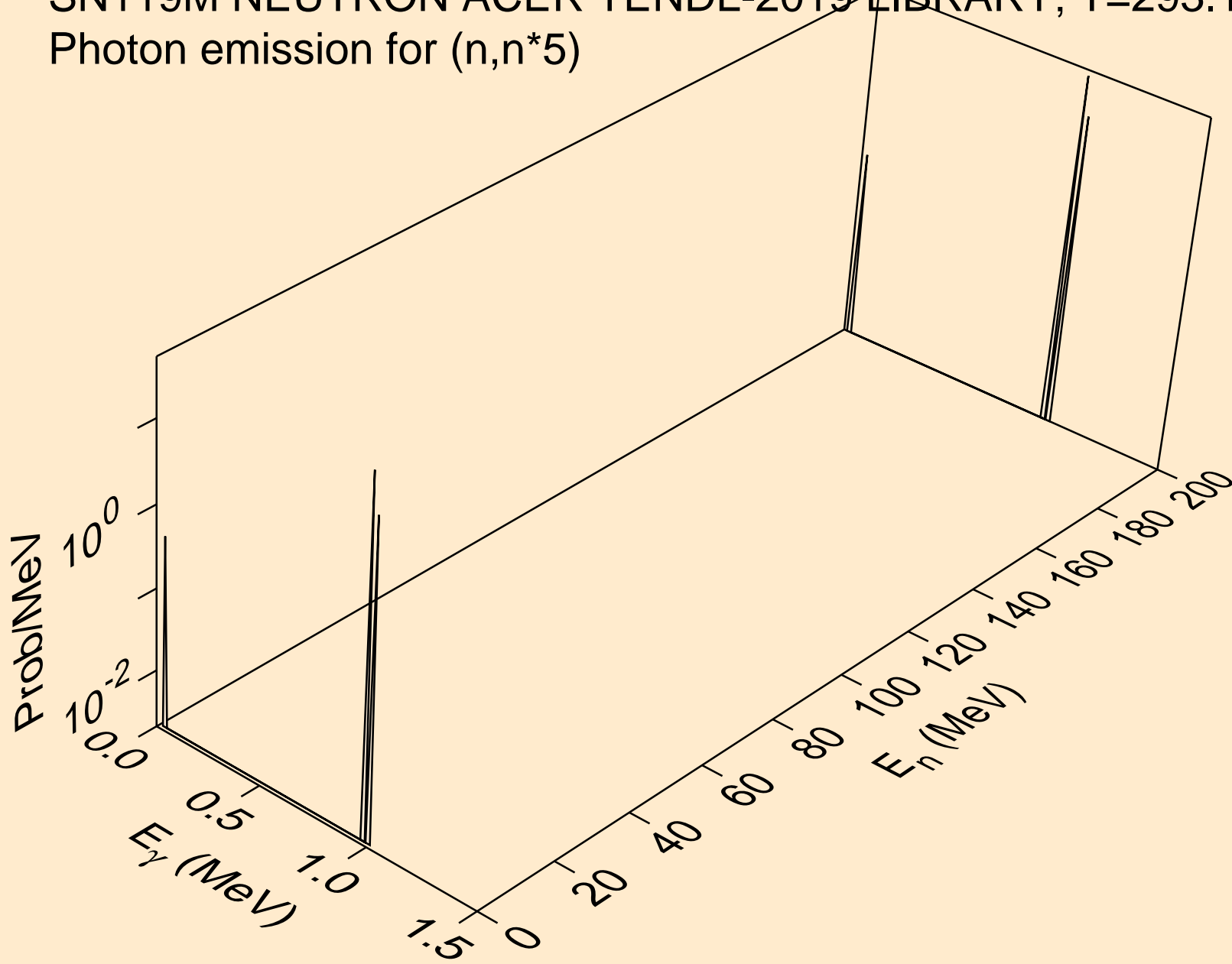
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*3)



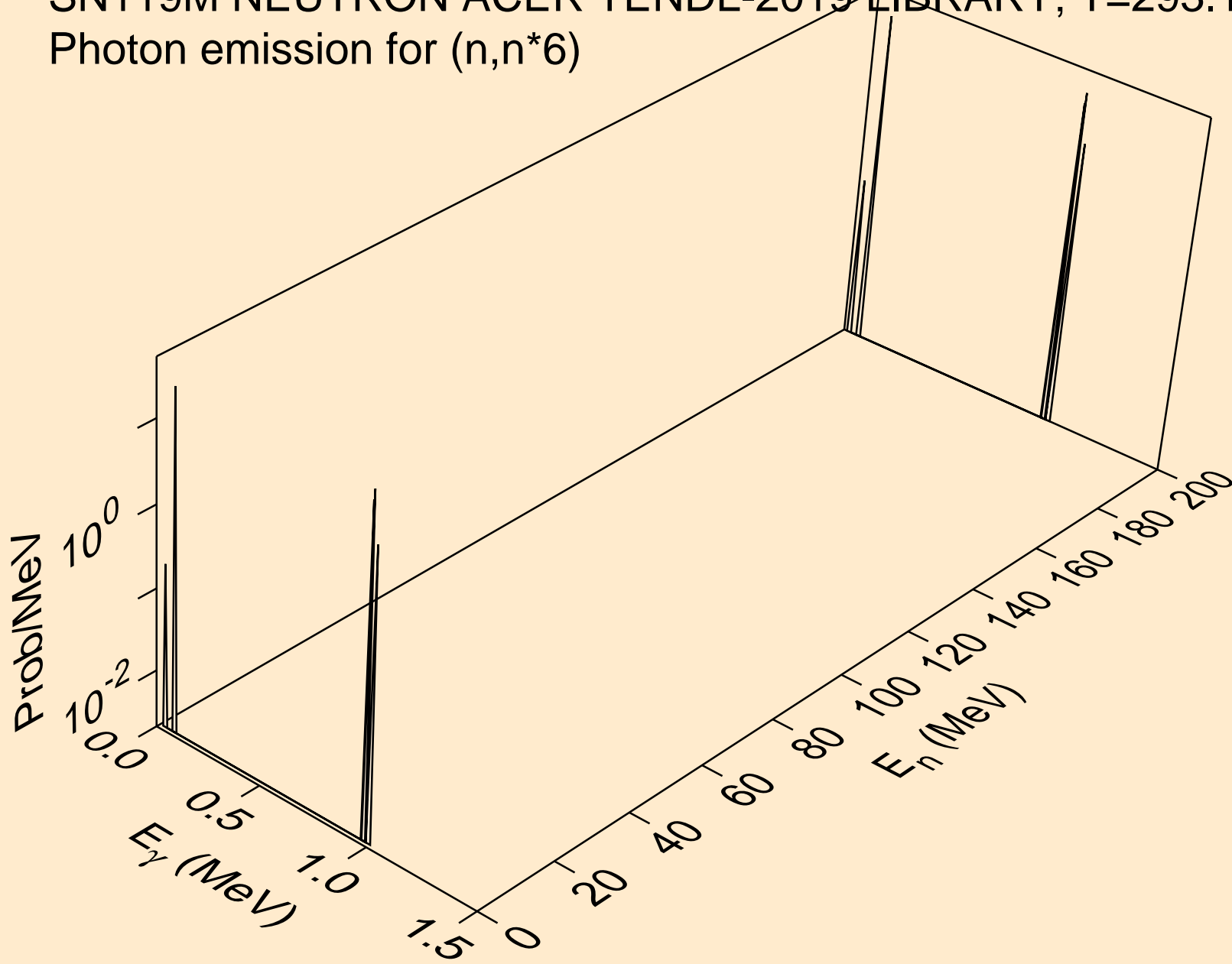
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*4)



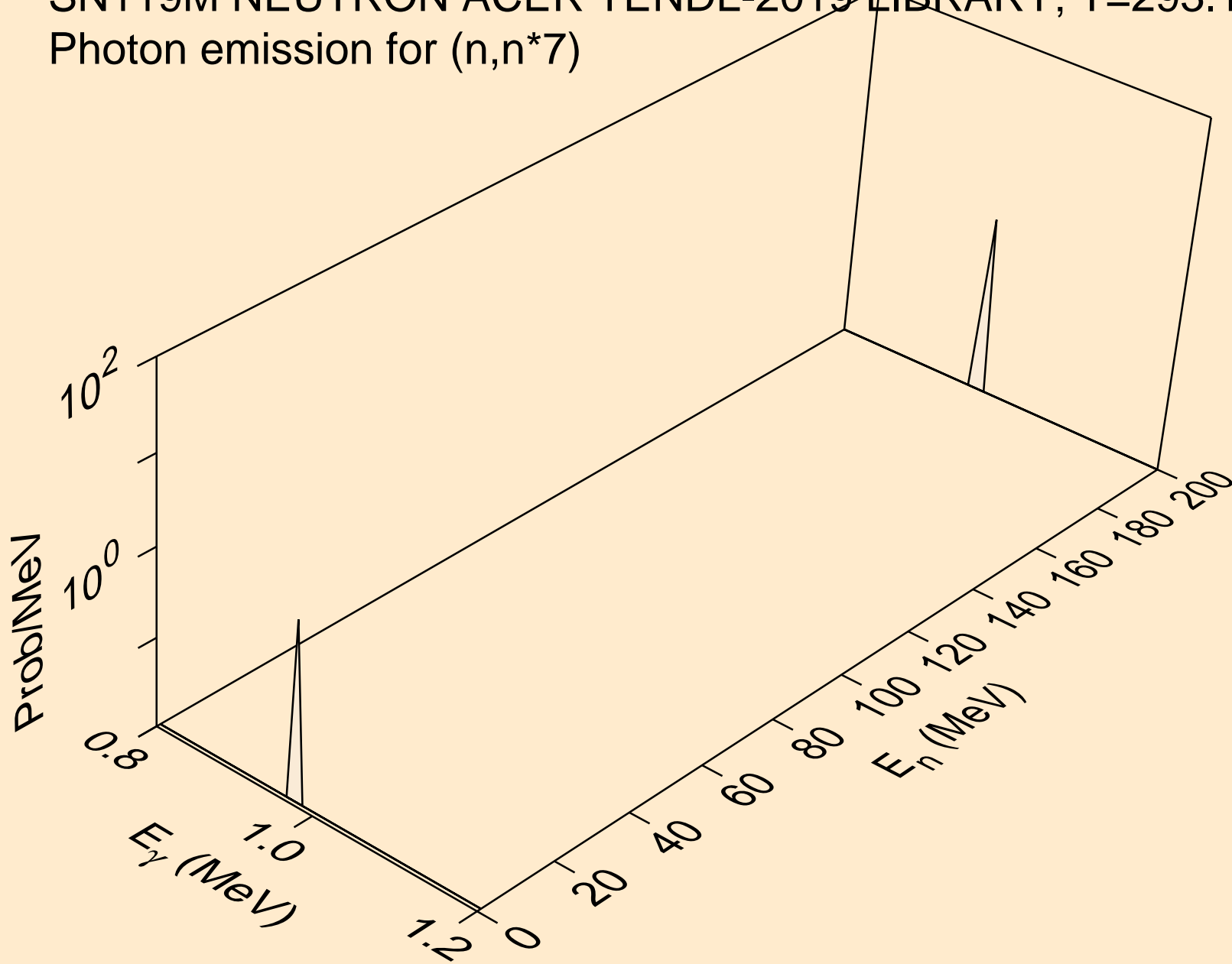
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*5)



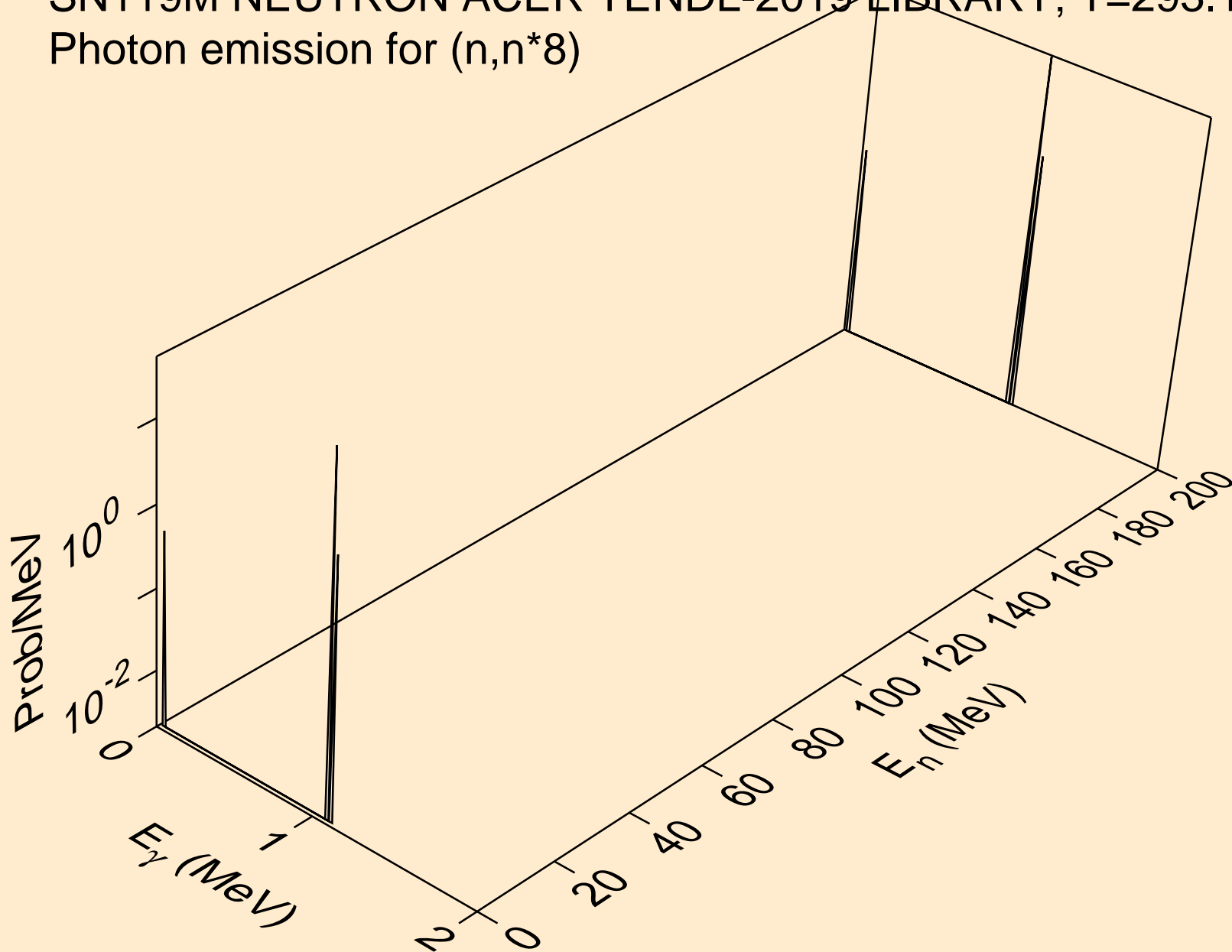
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*6)



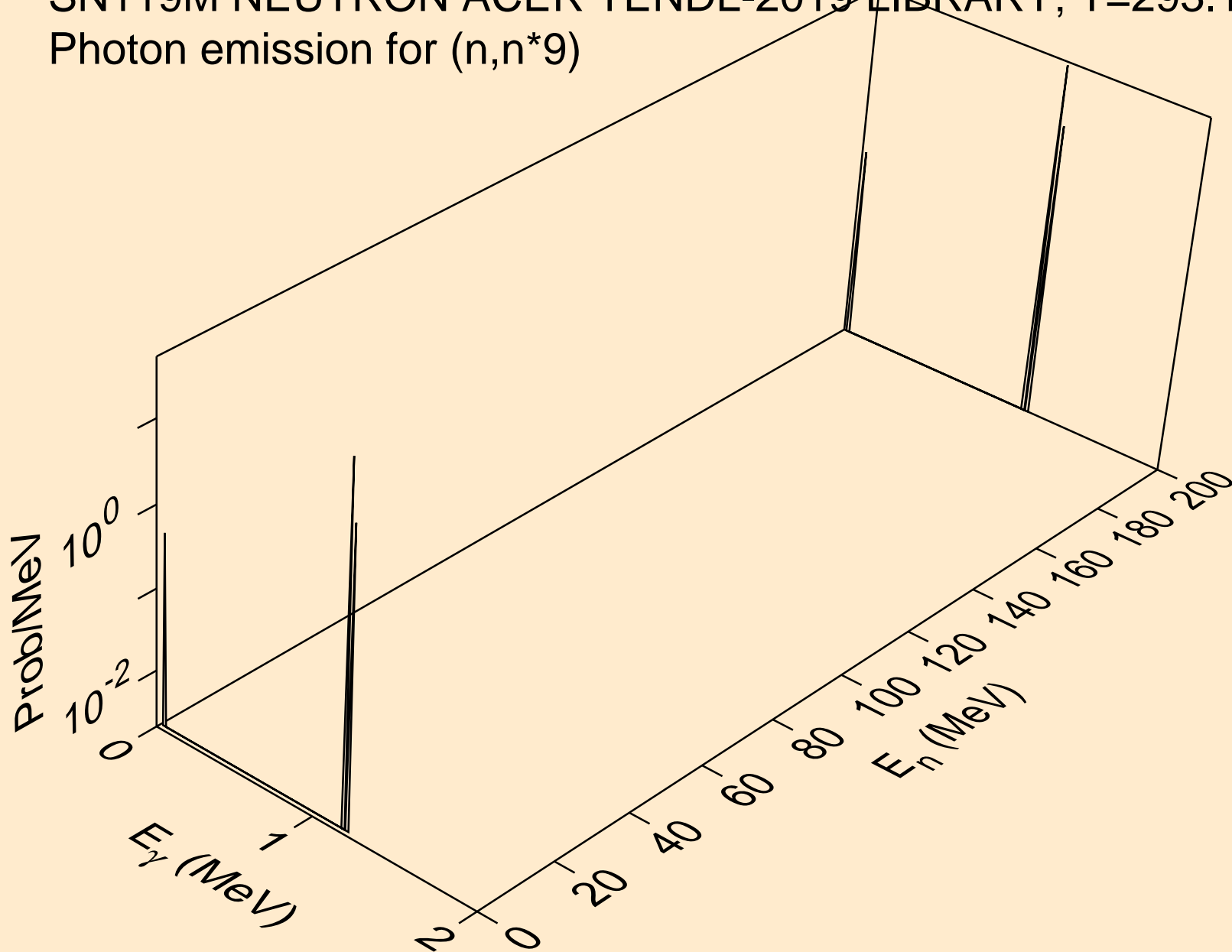
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*7)



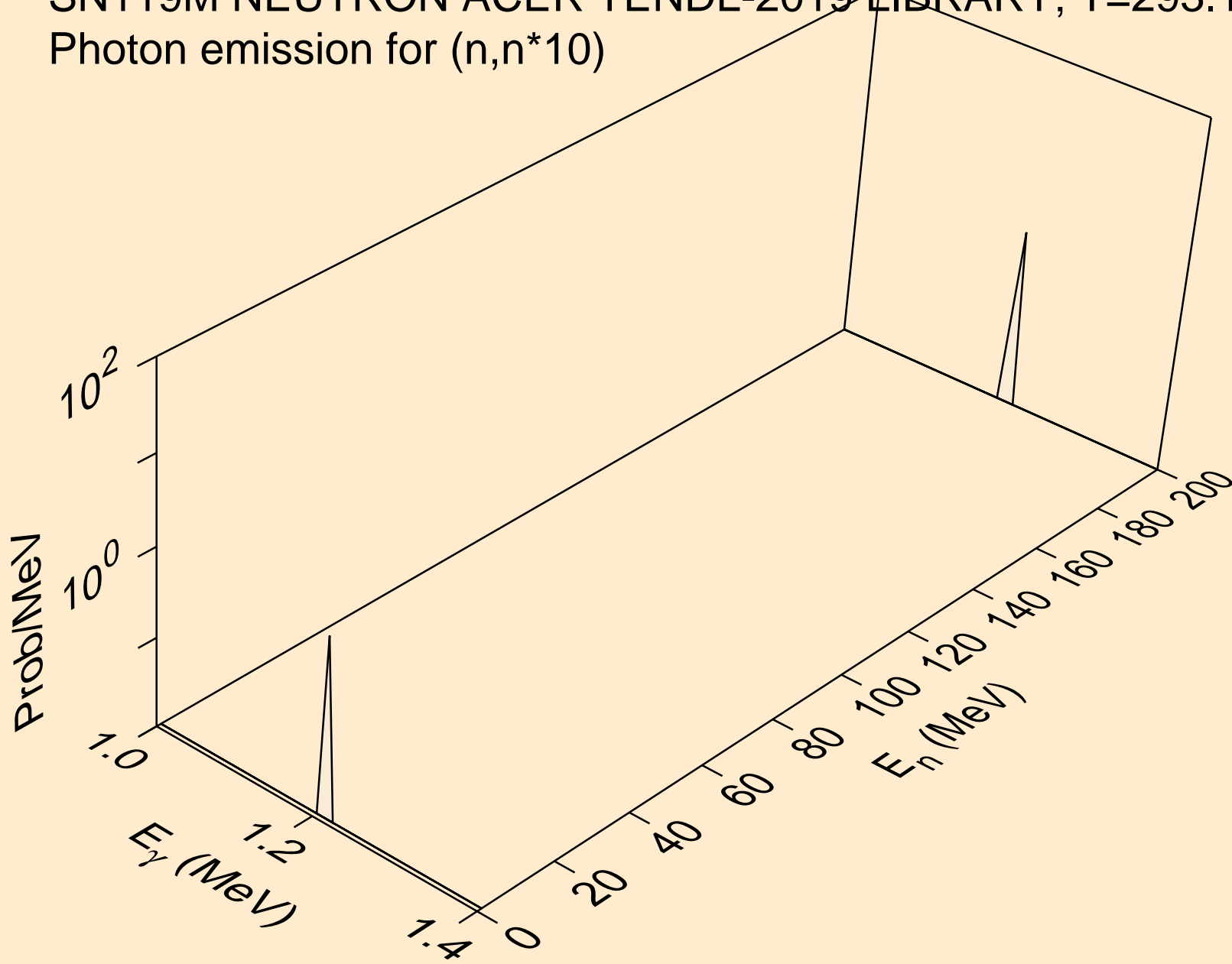
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*8)



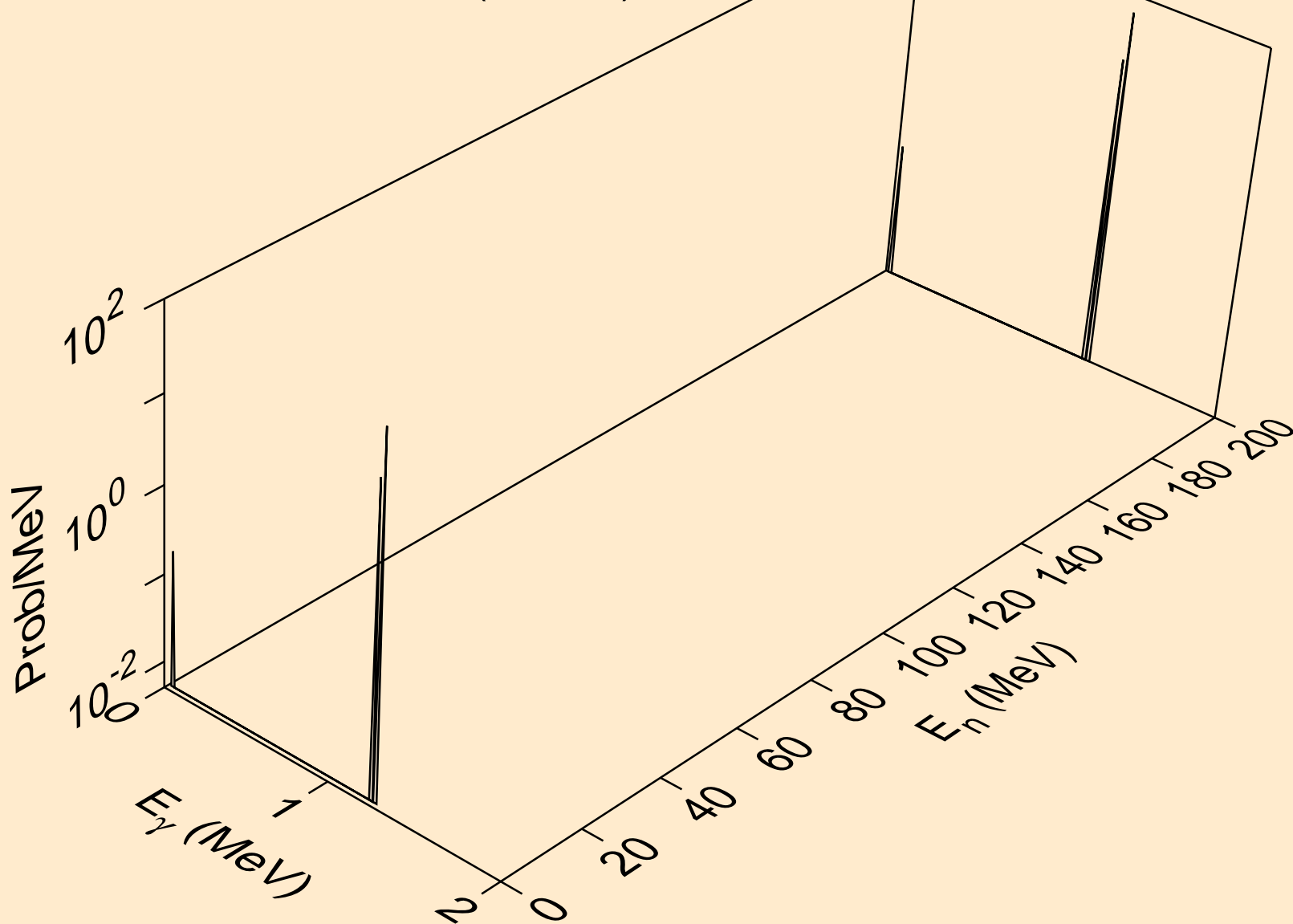
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*9)



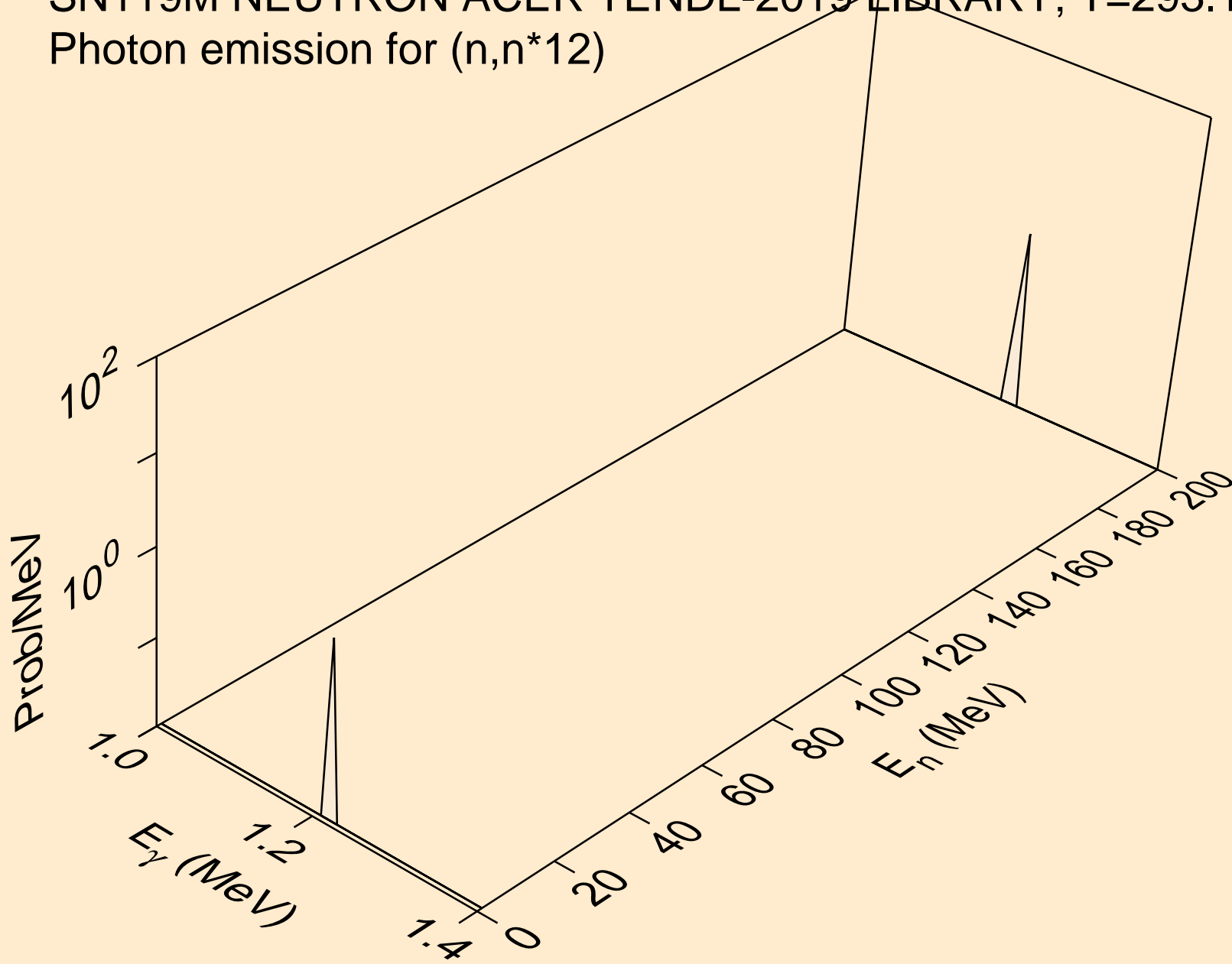
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*10)



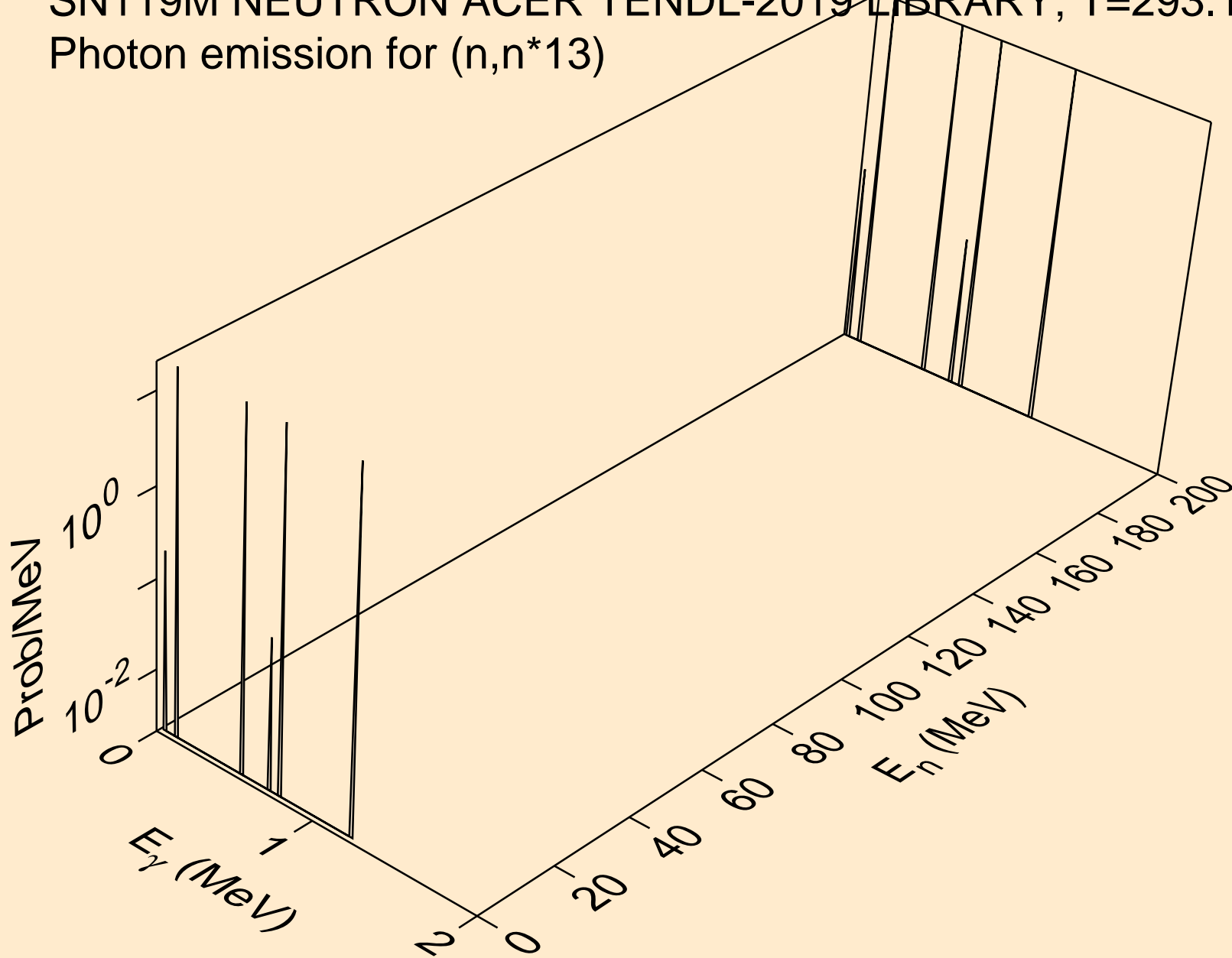
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*11)



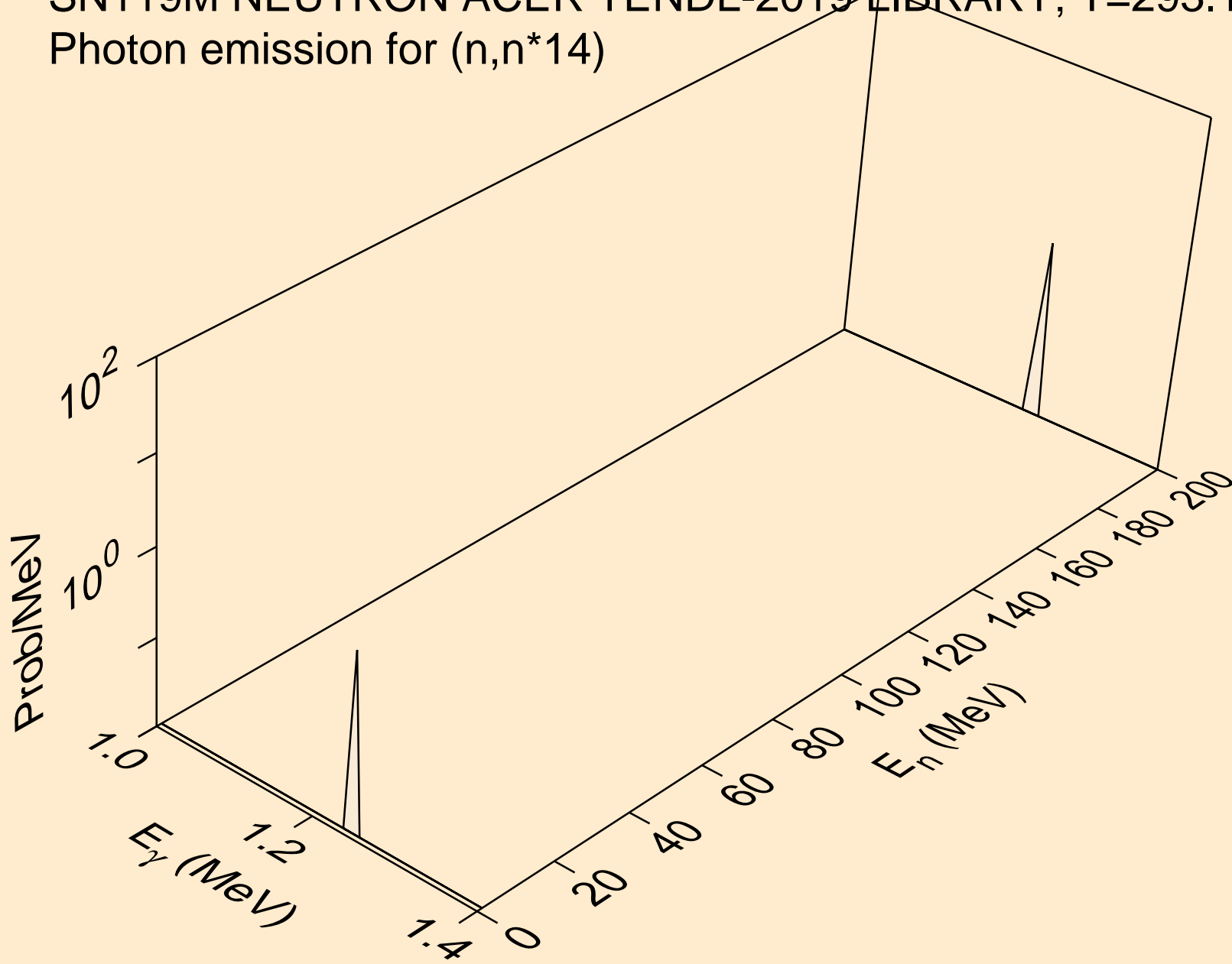
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*12)



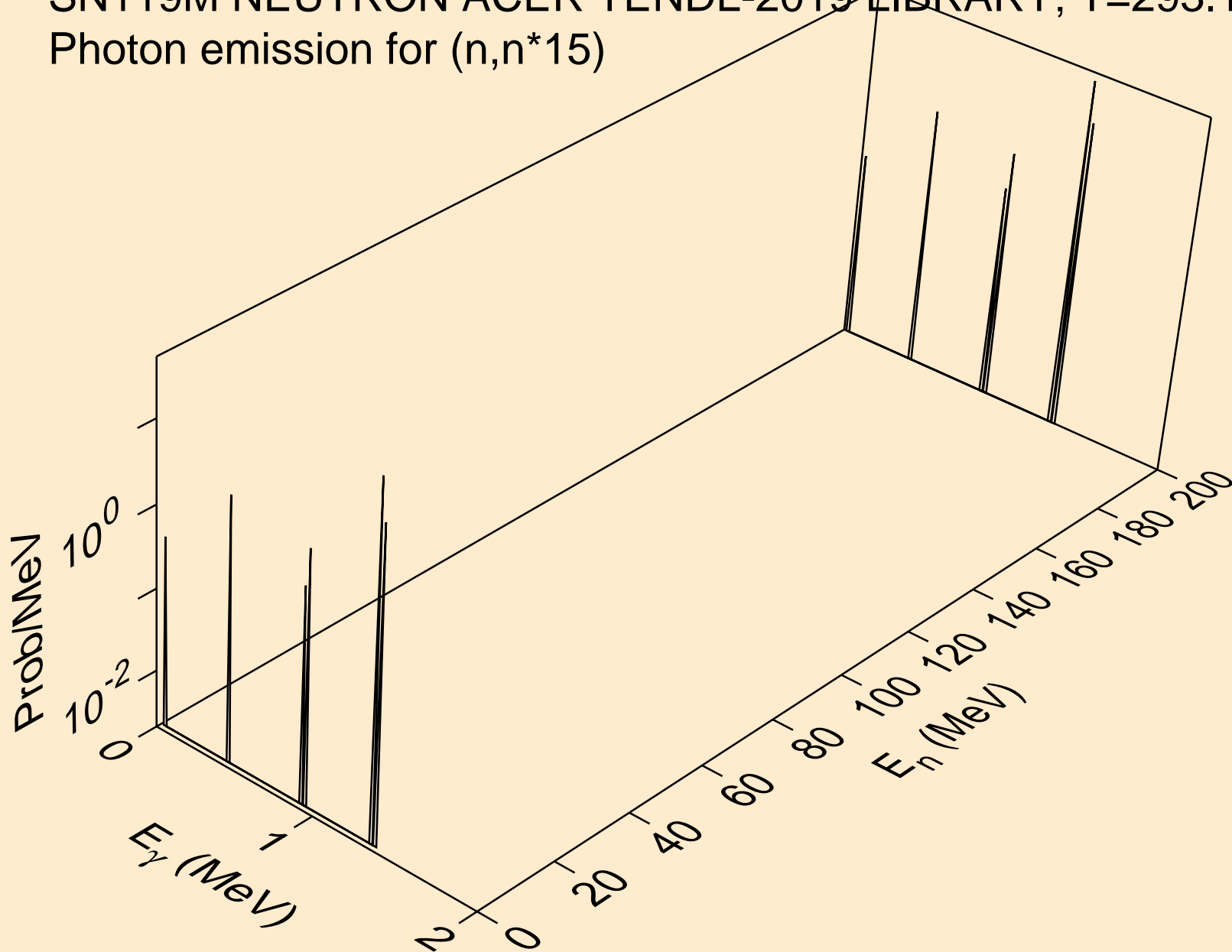
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*13)



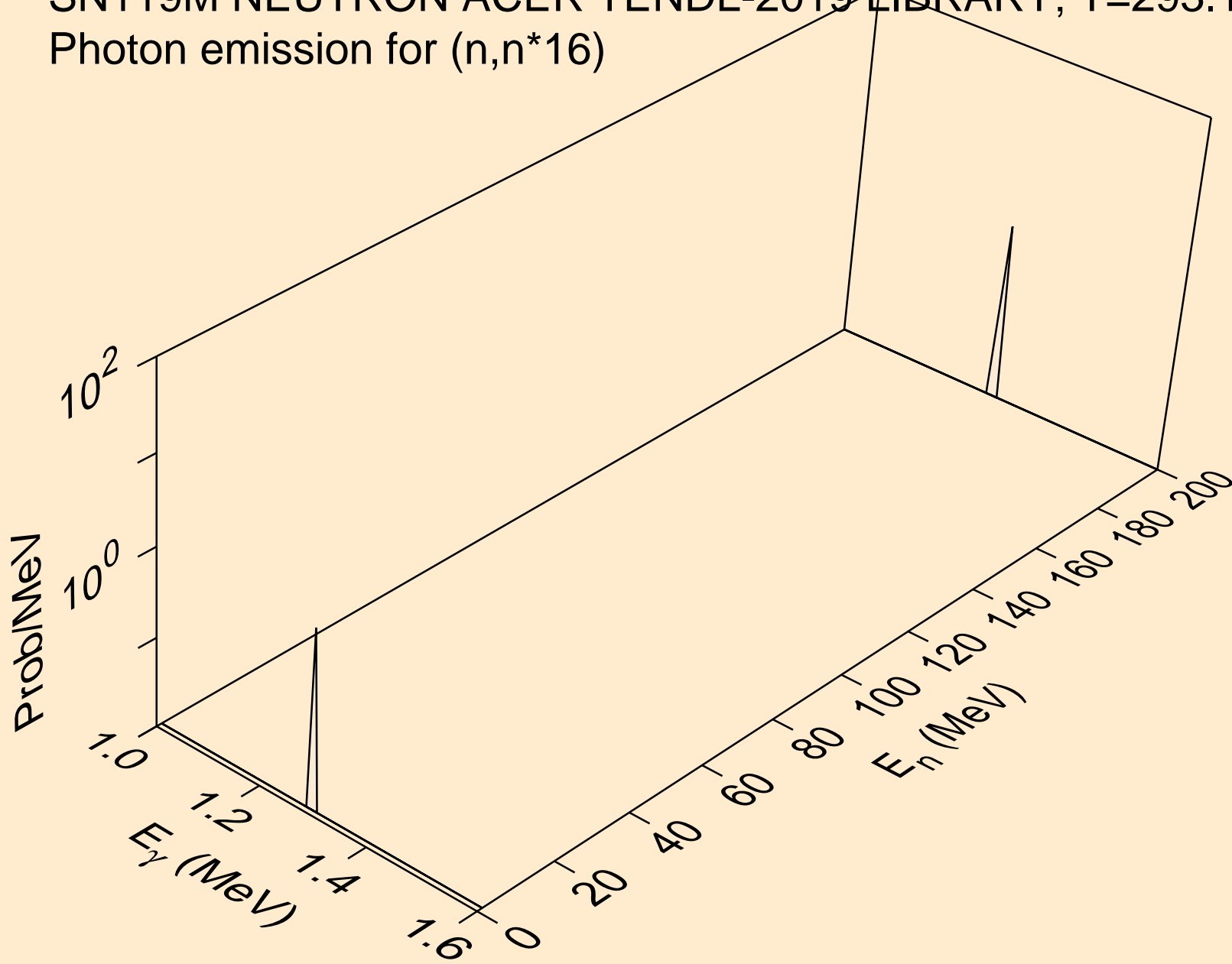
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*14)



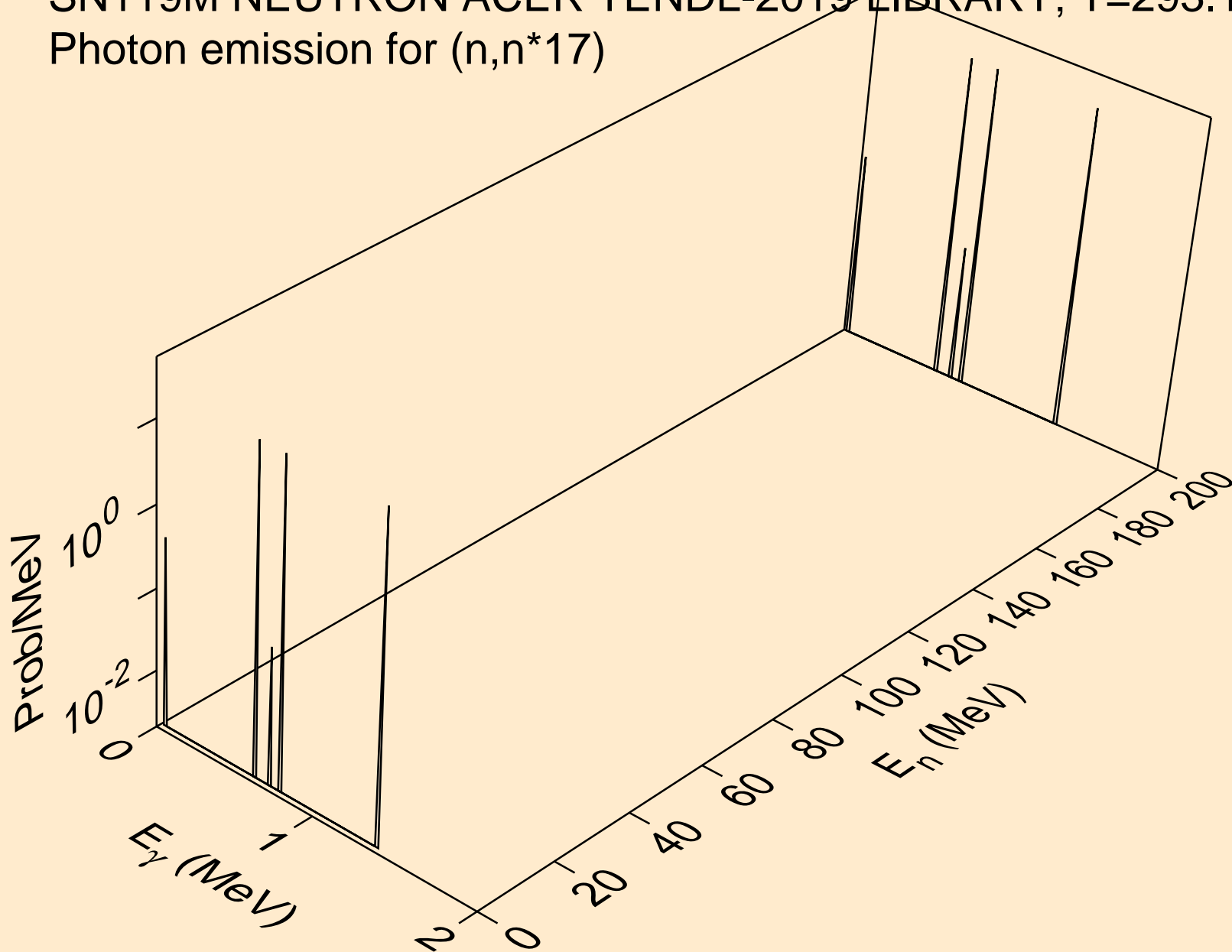
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*15)



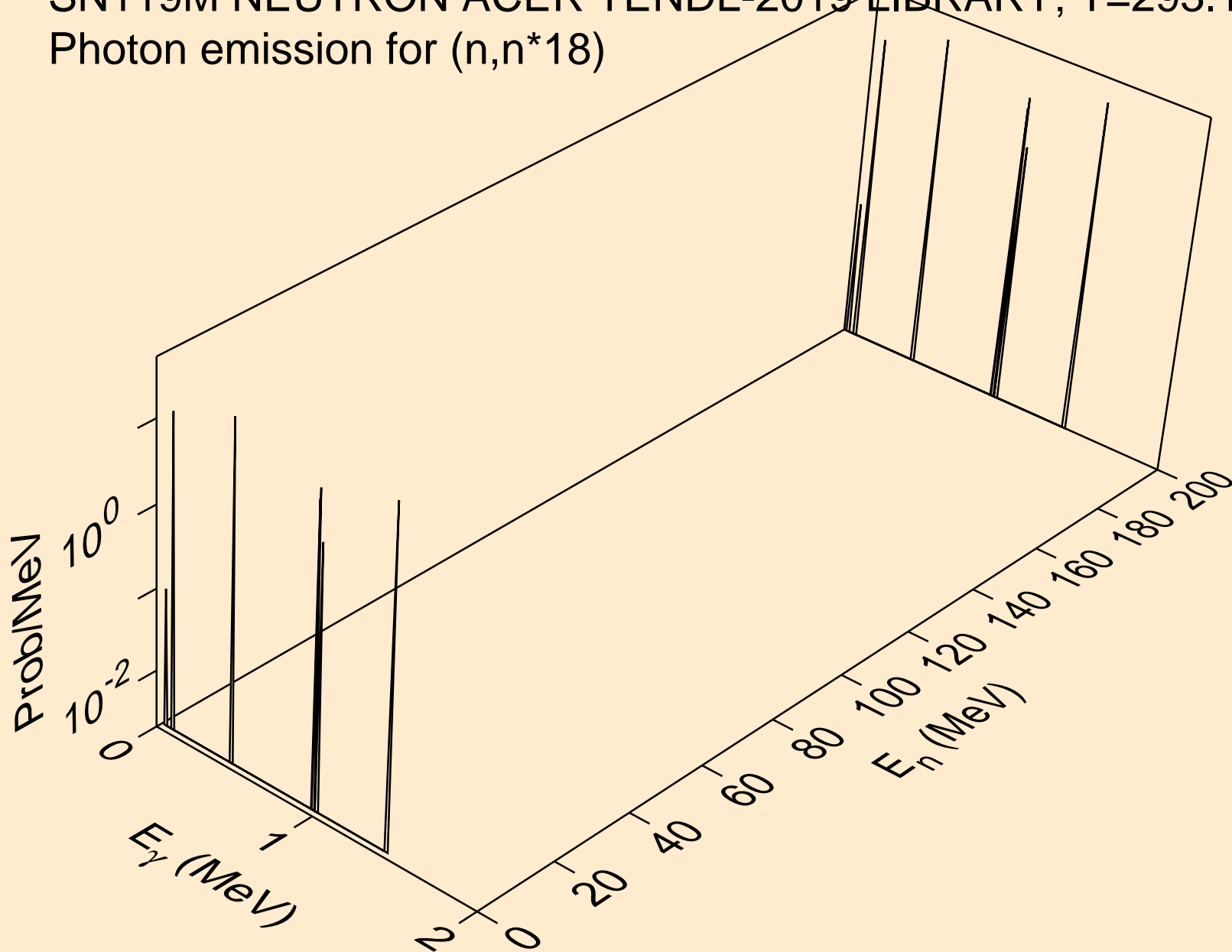
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*16)



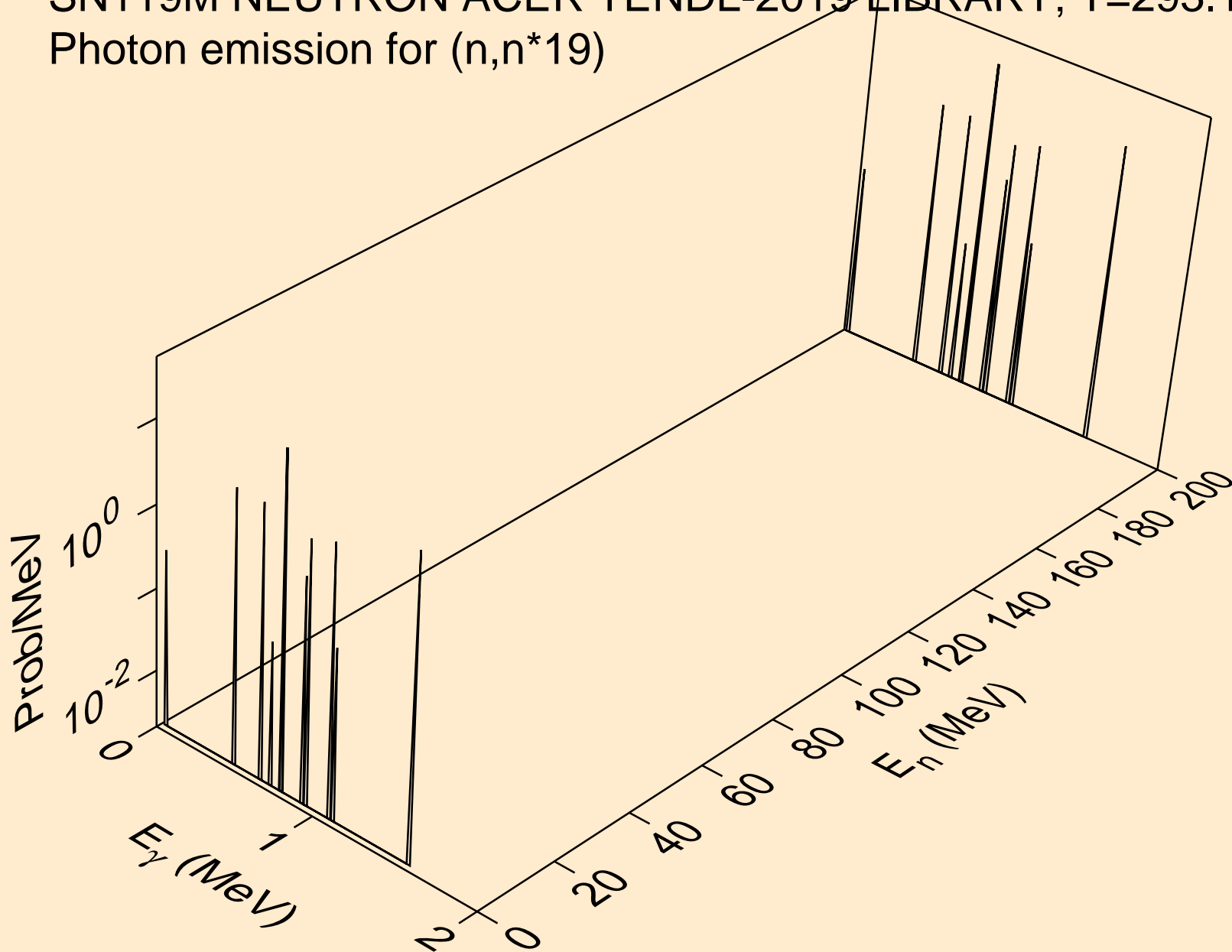
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*17)



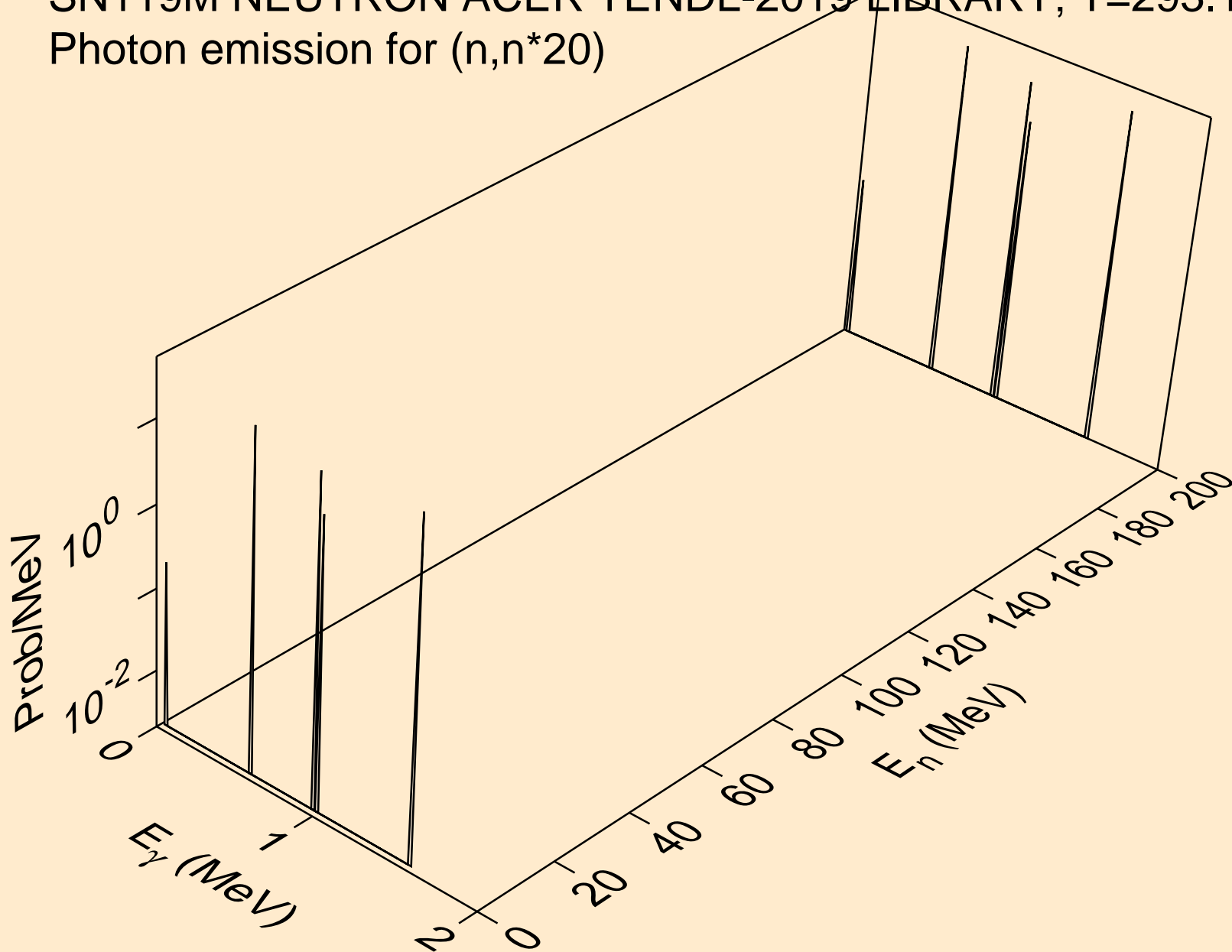
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*18)



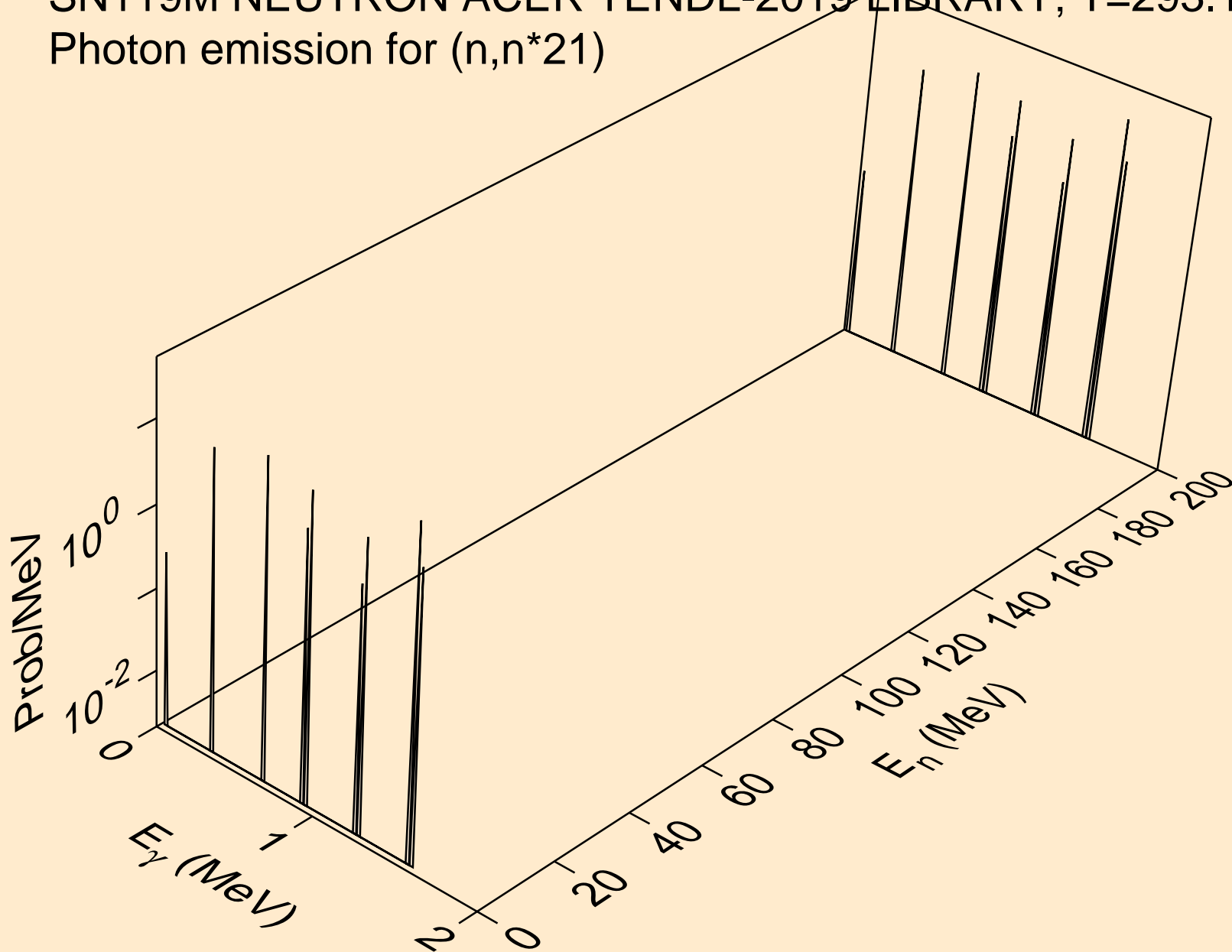
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*19)



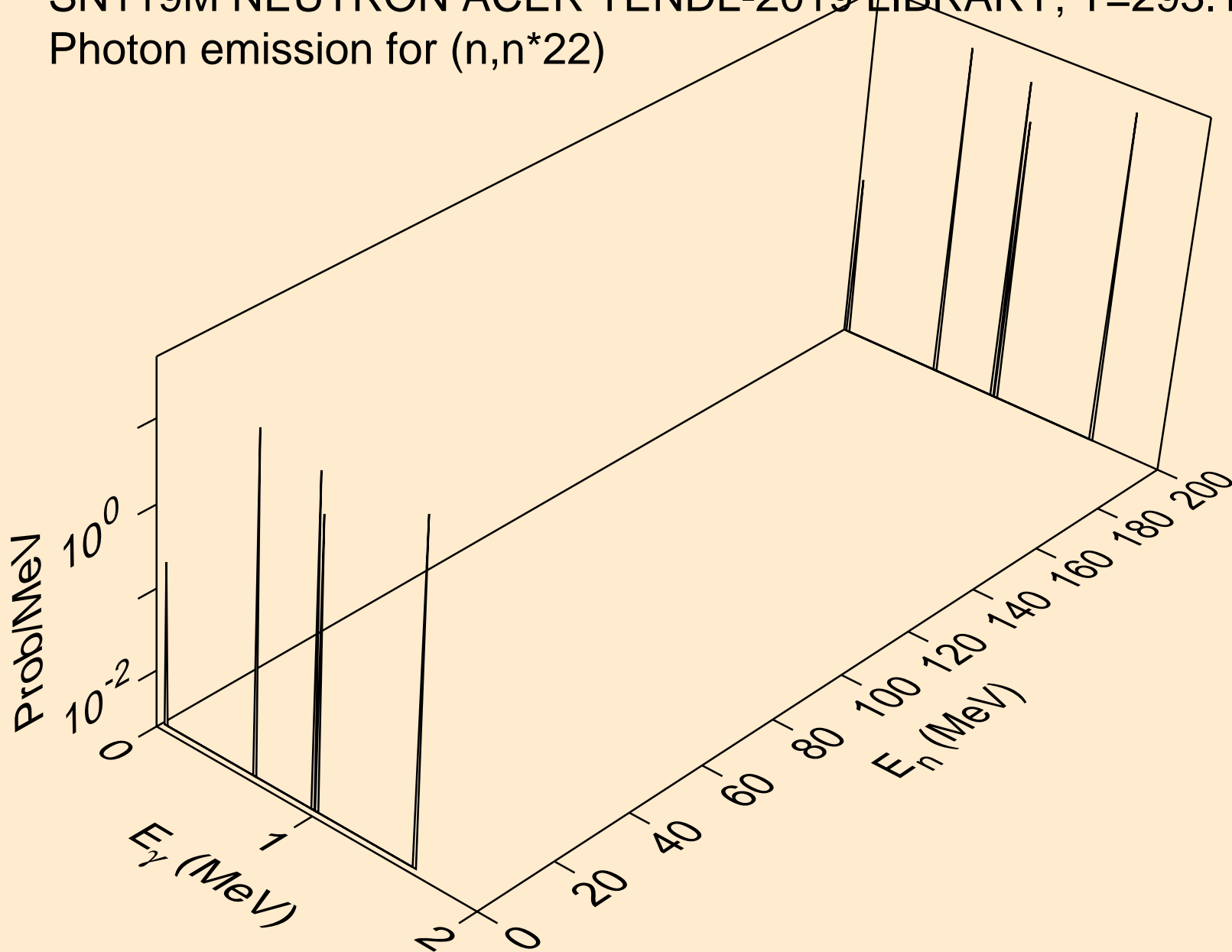
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*20)



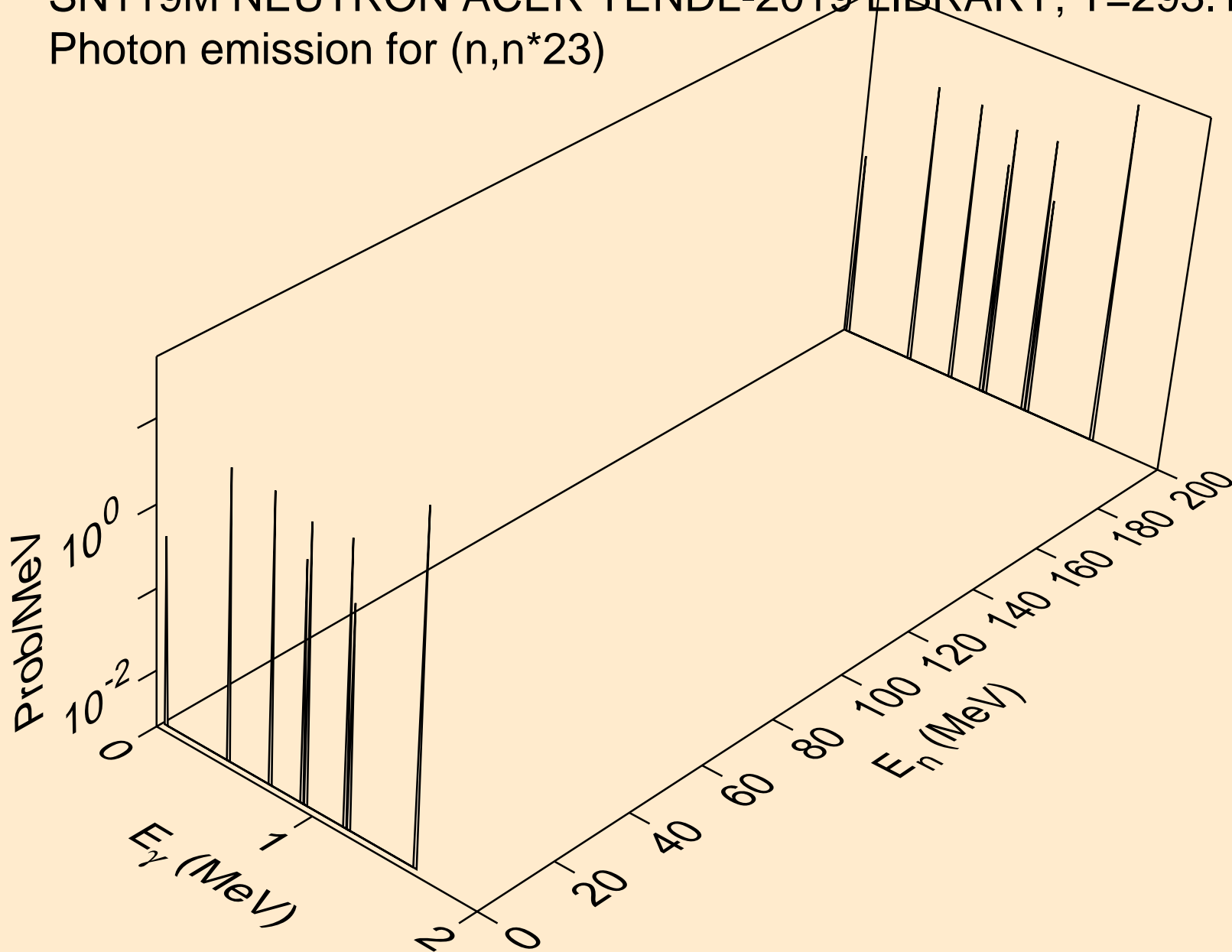
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*21)



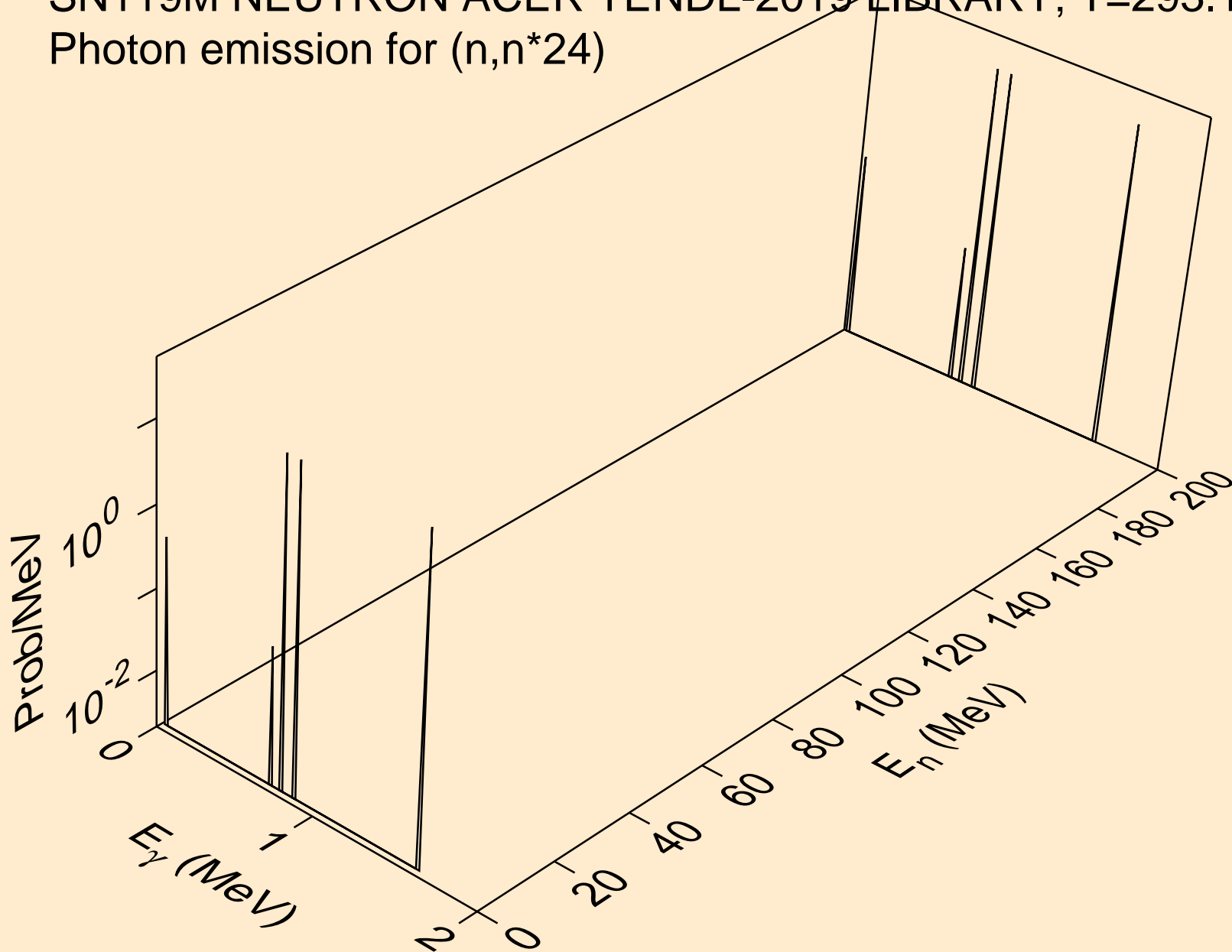
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*22)



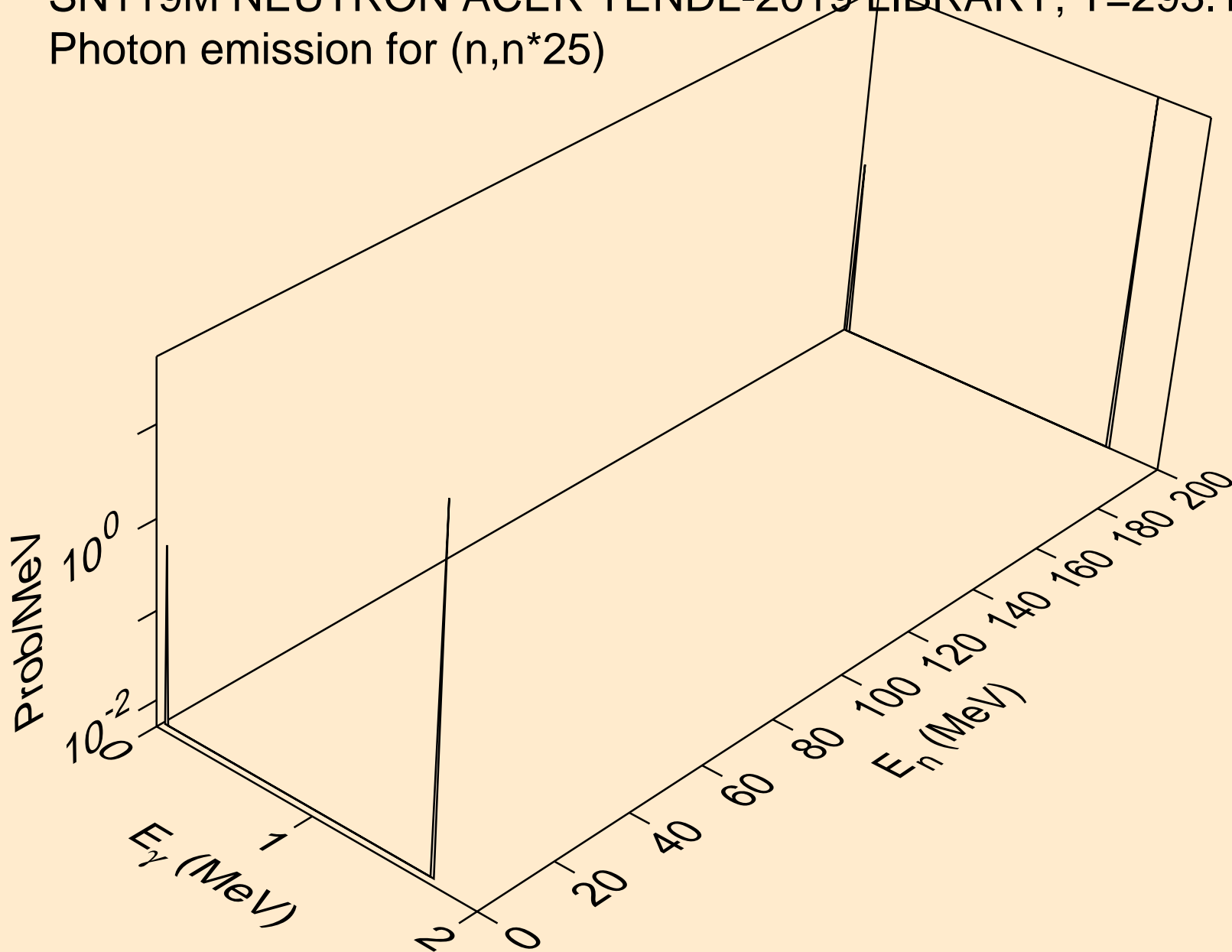
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Photon emission for (n,n*23)



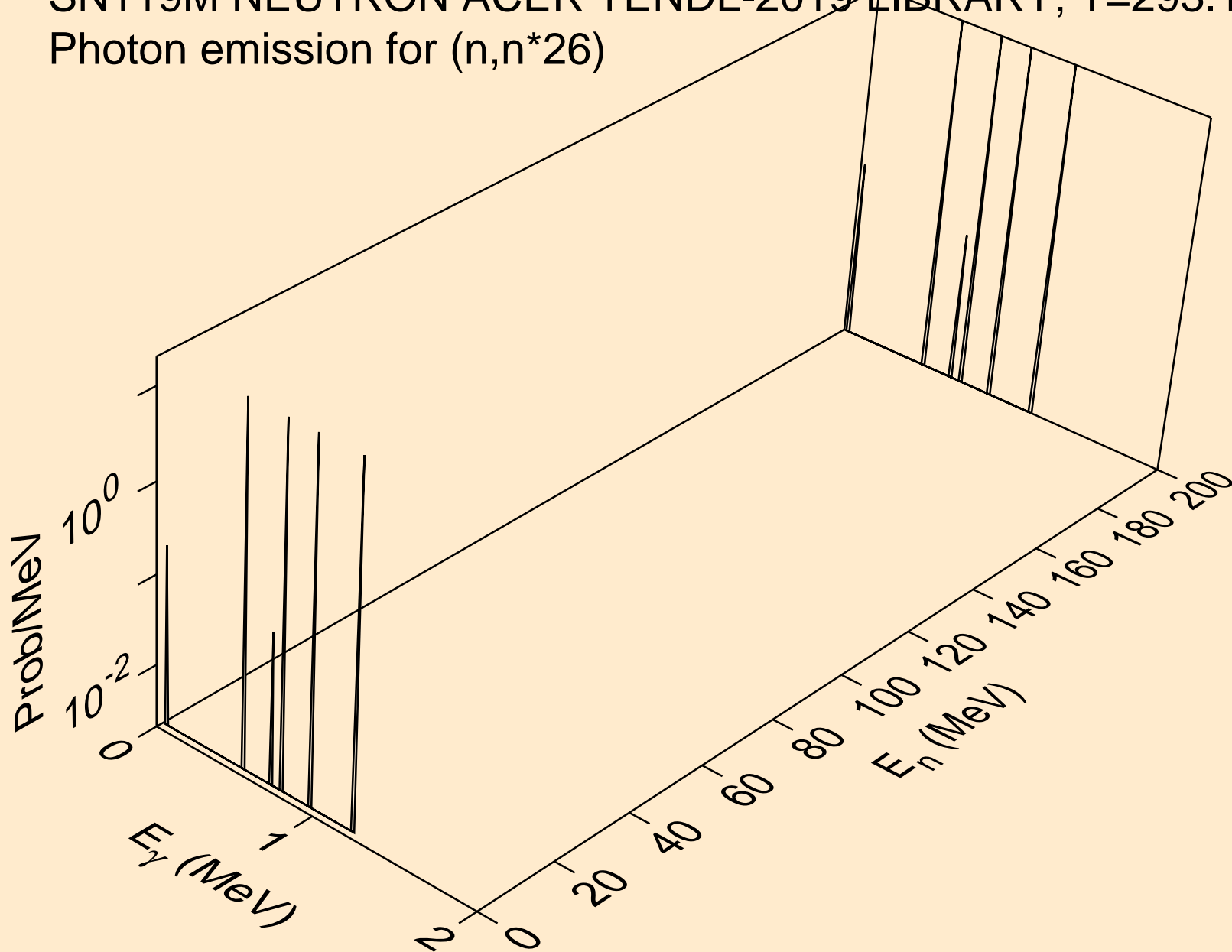
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*24)



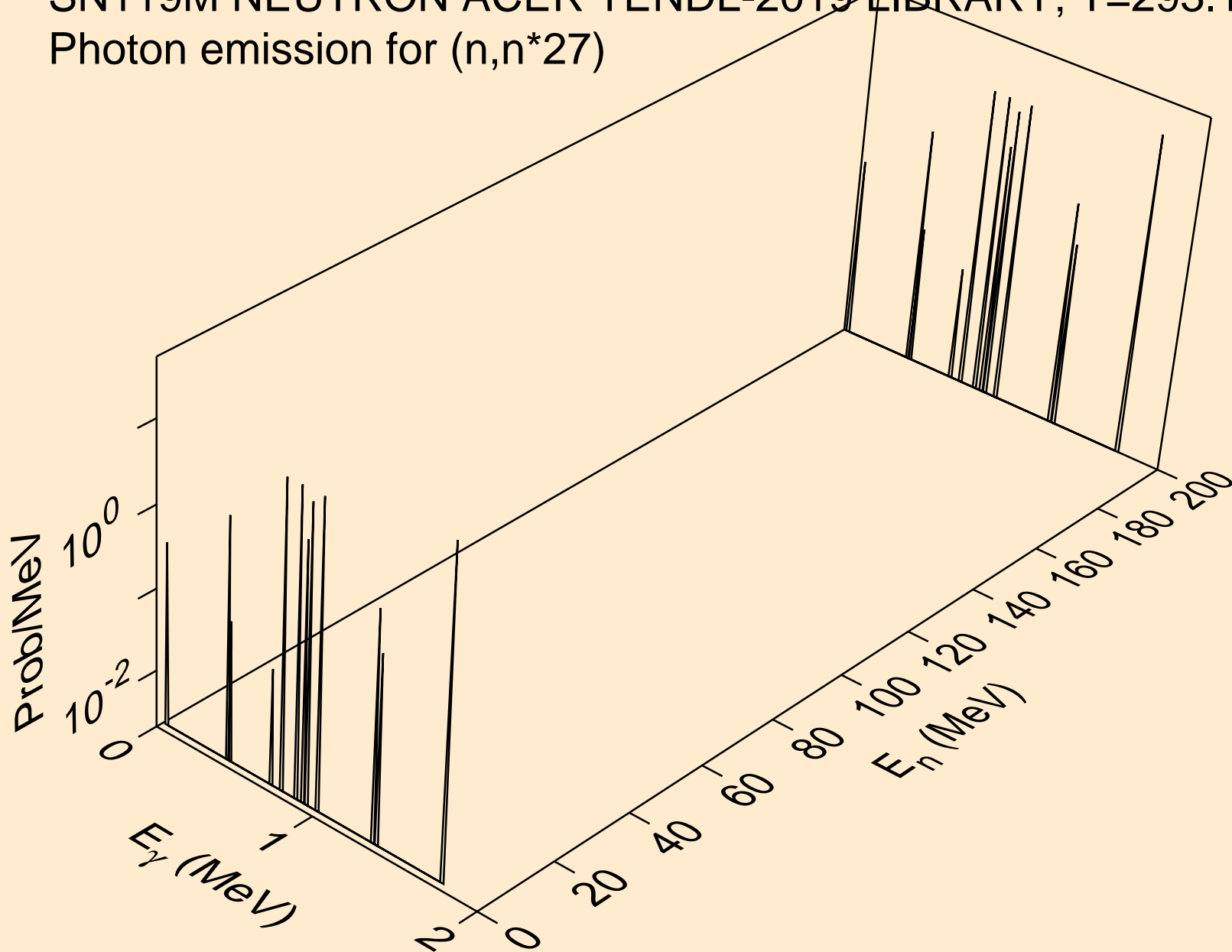
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*25)



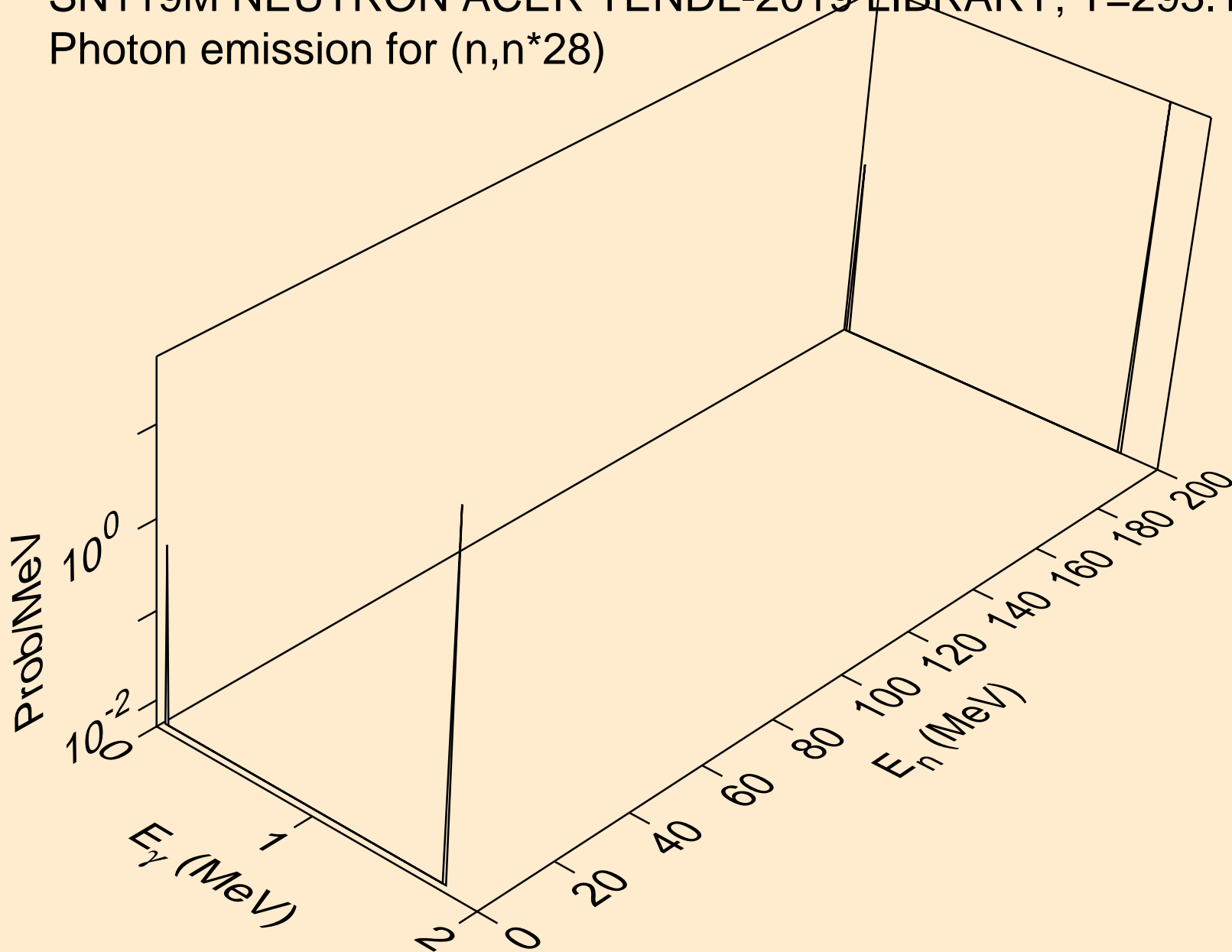
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*26)



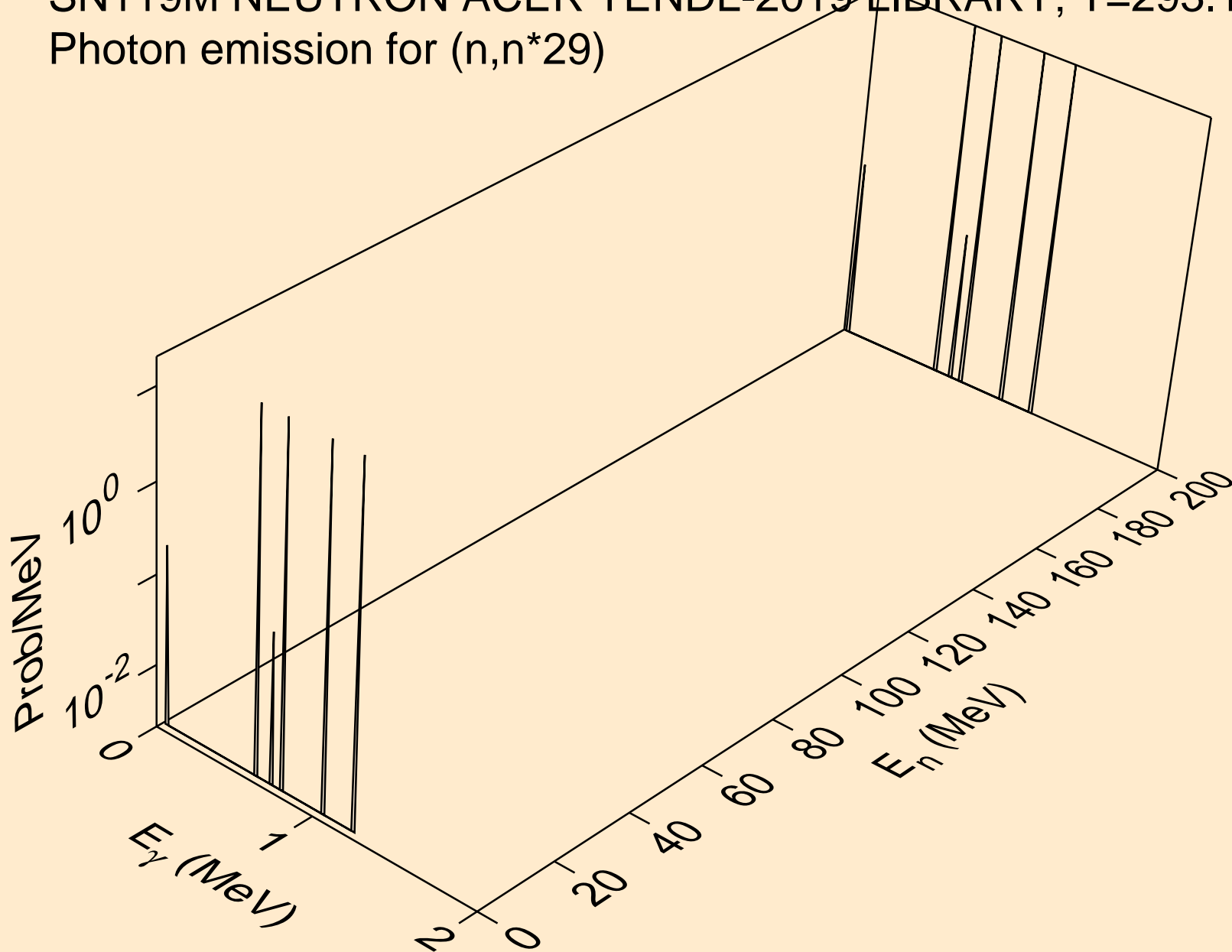
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*27)



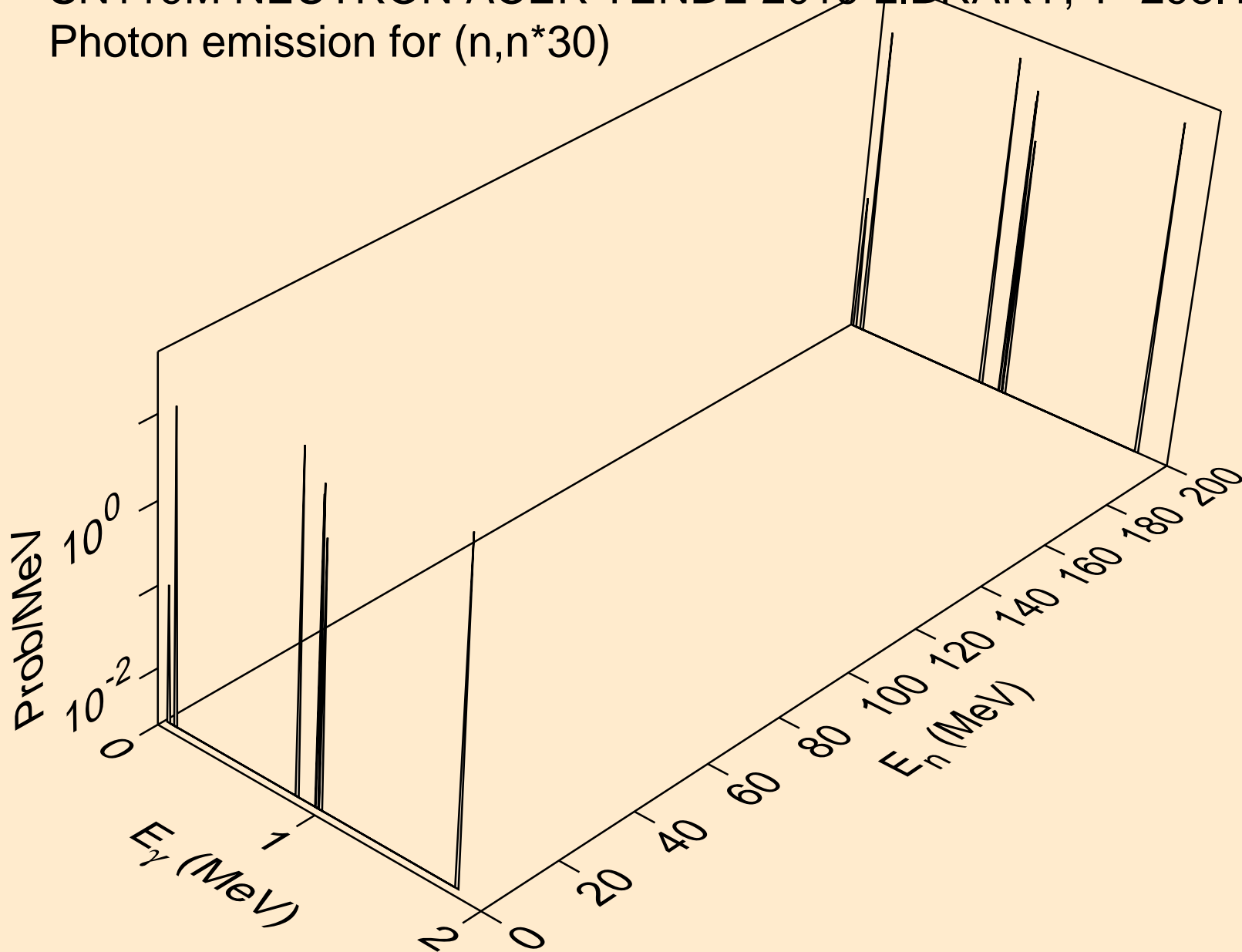
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*28)



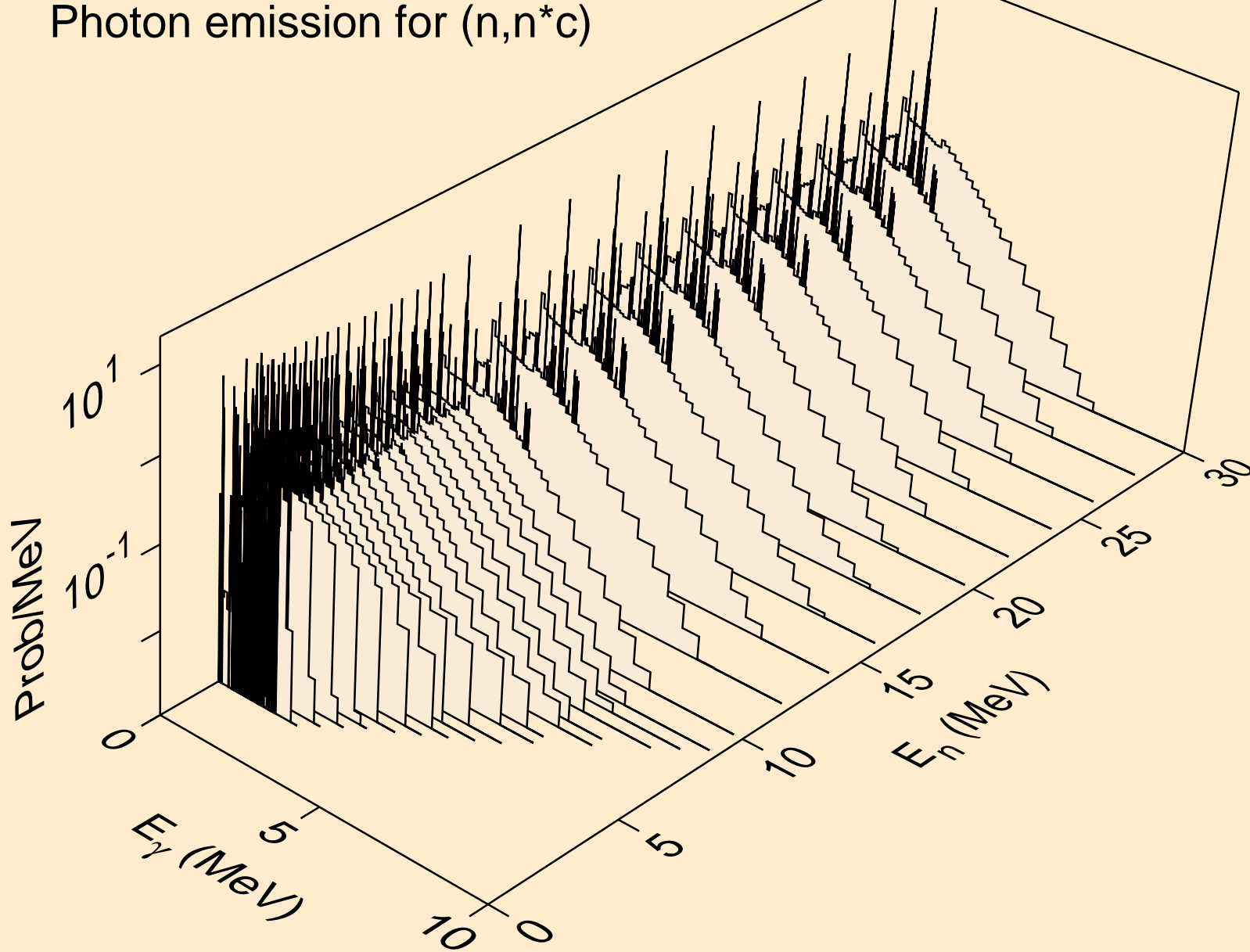
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*29)



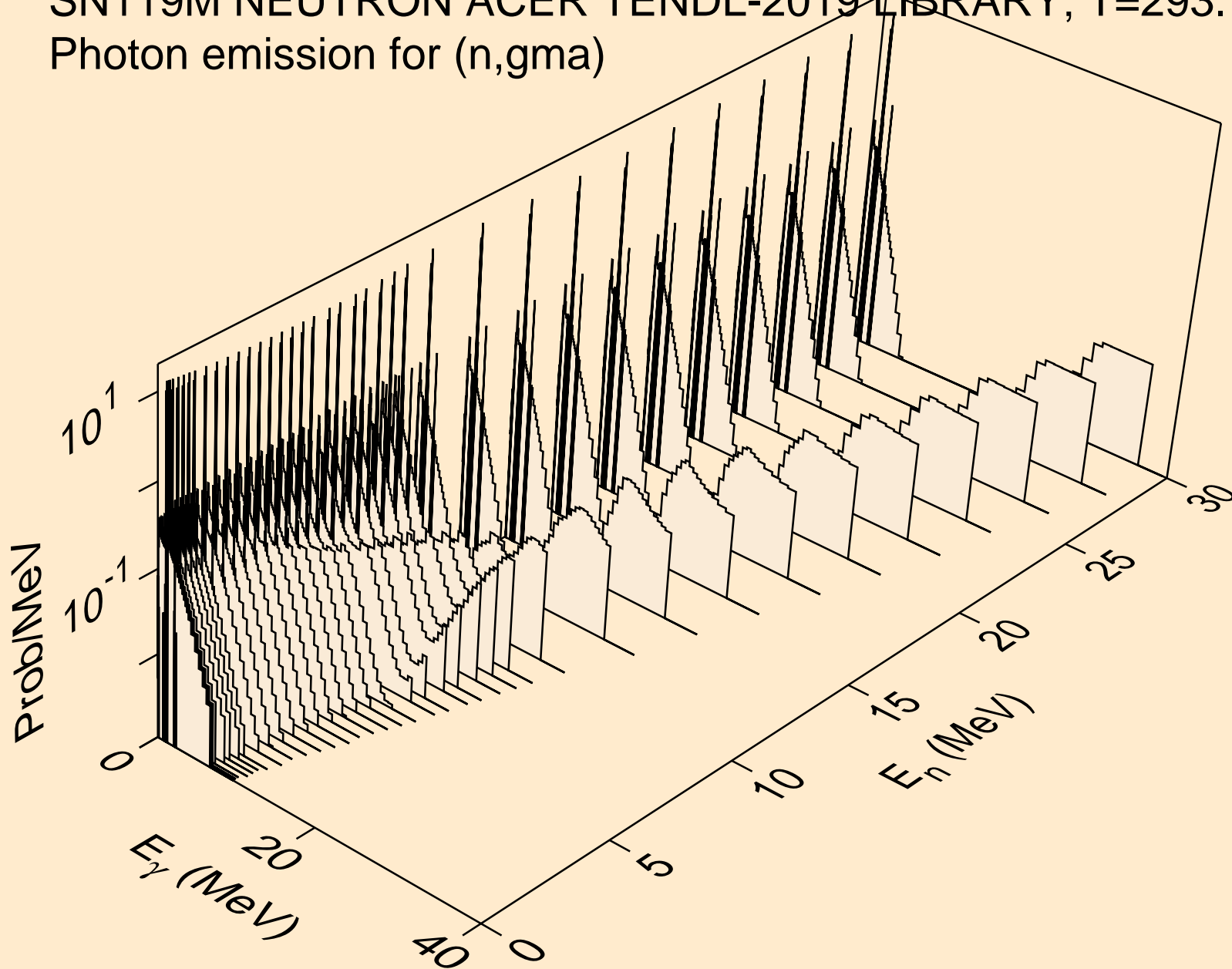
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*30)



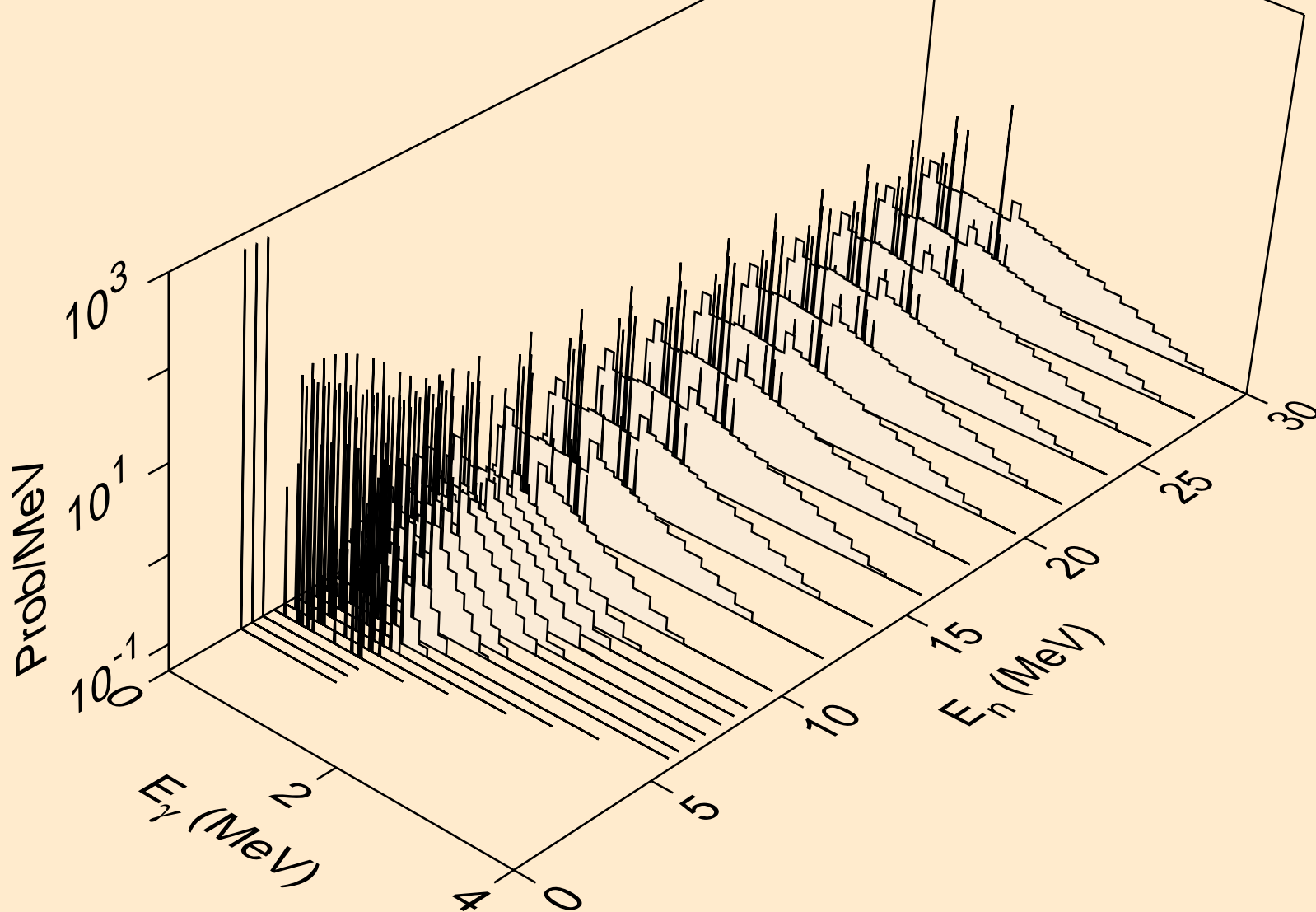
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



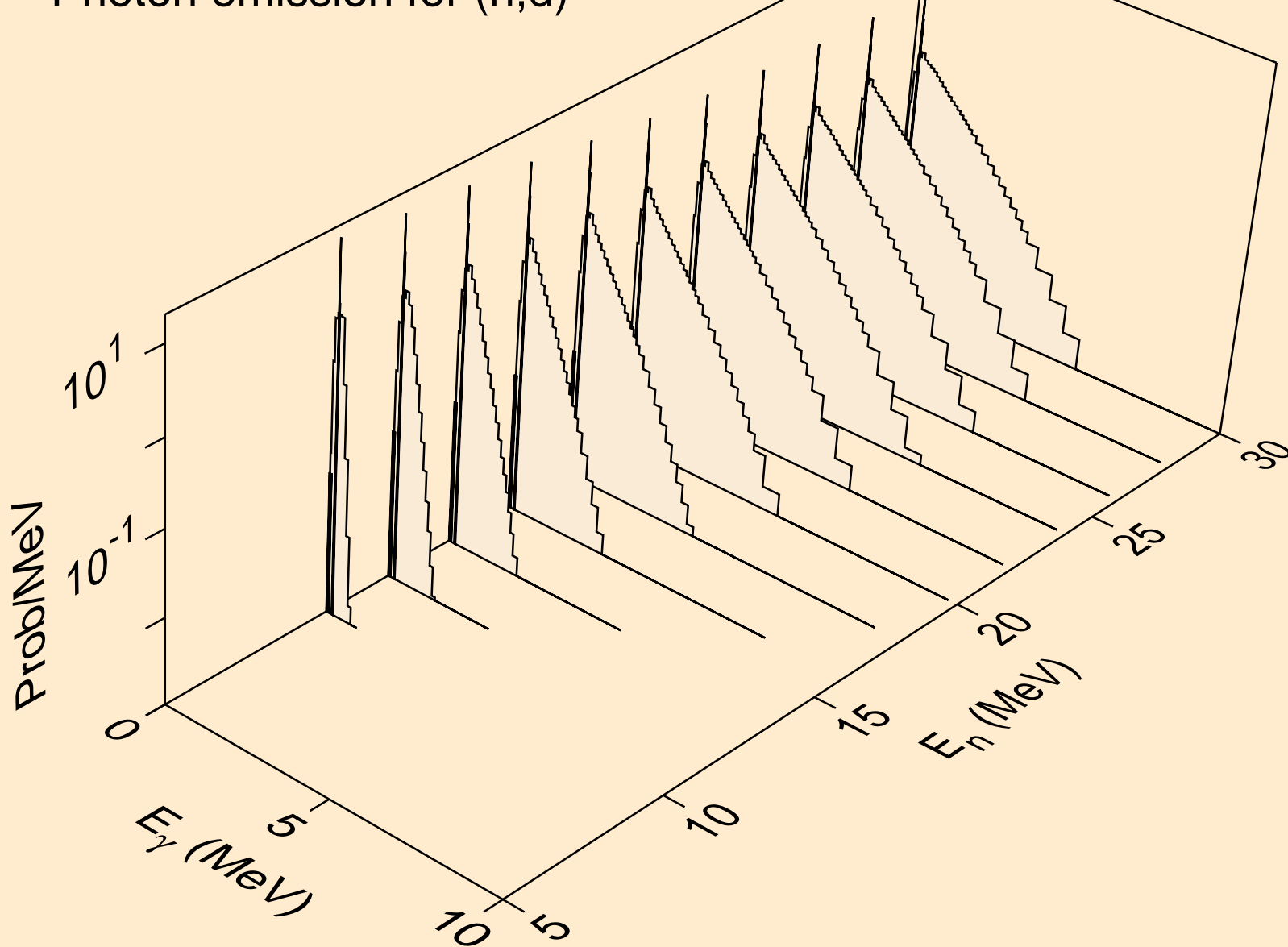
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Photon emission for (n,gma)



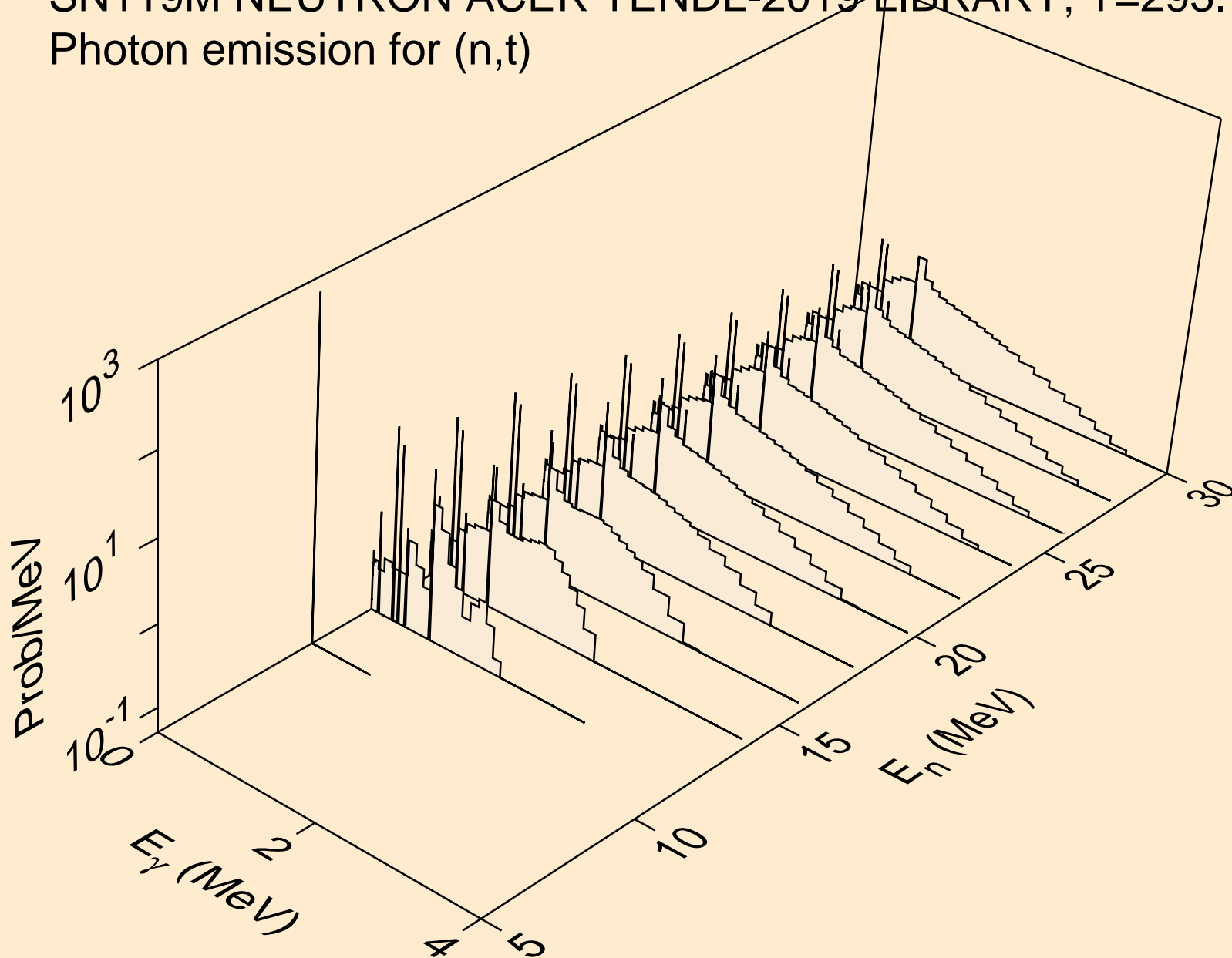
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Photon emission for (n,p)



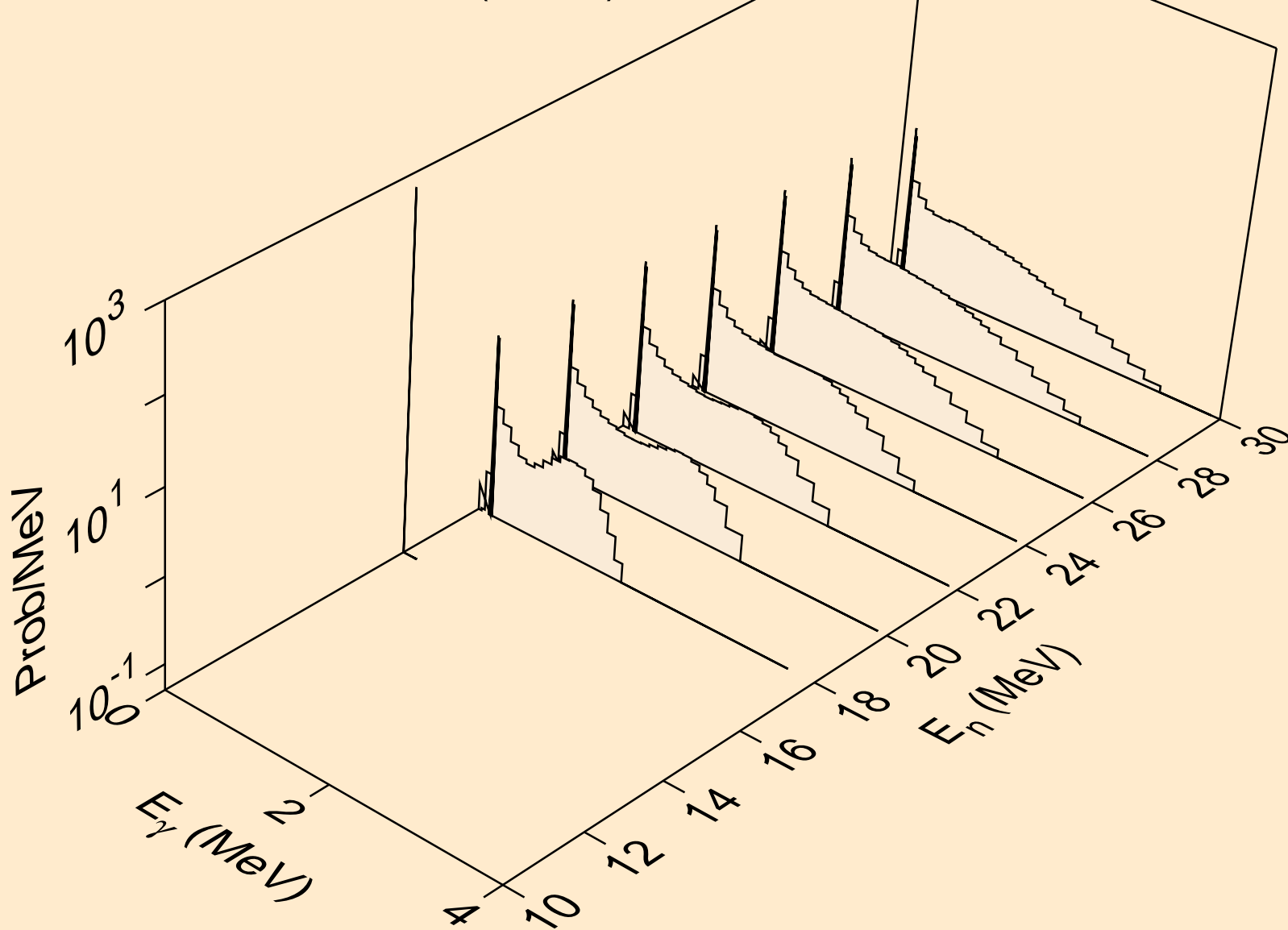
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Photon emission for (n,d)



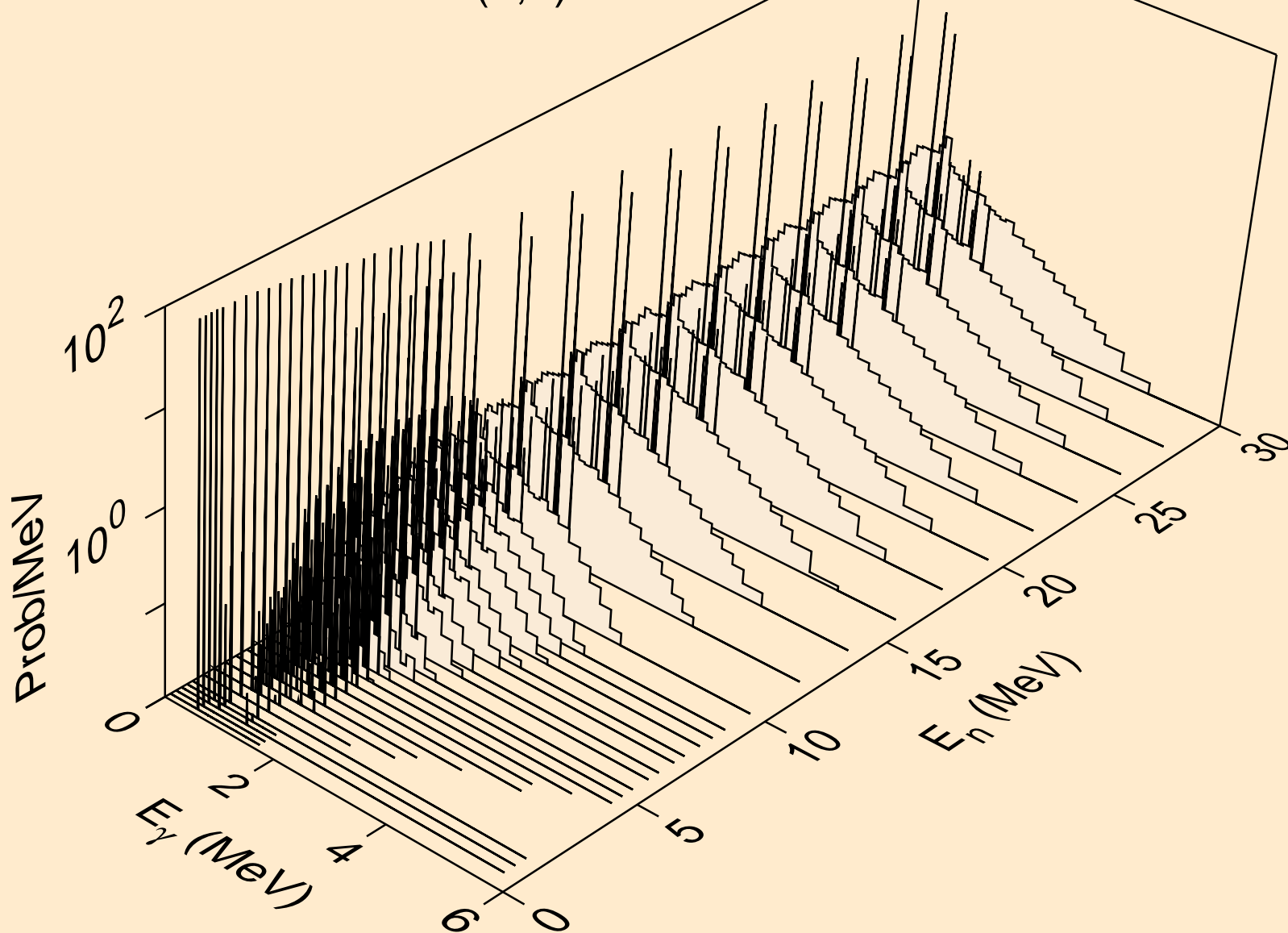
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



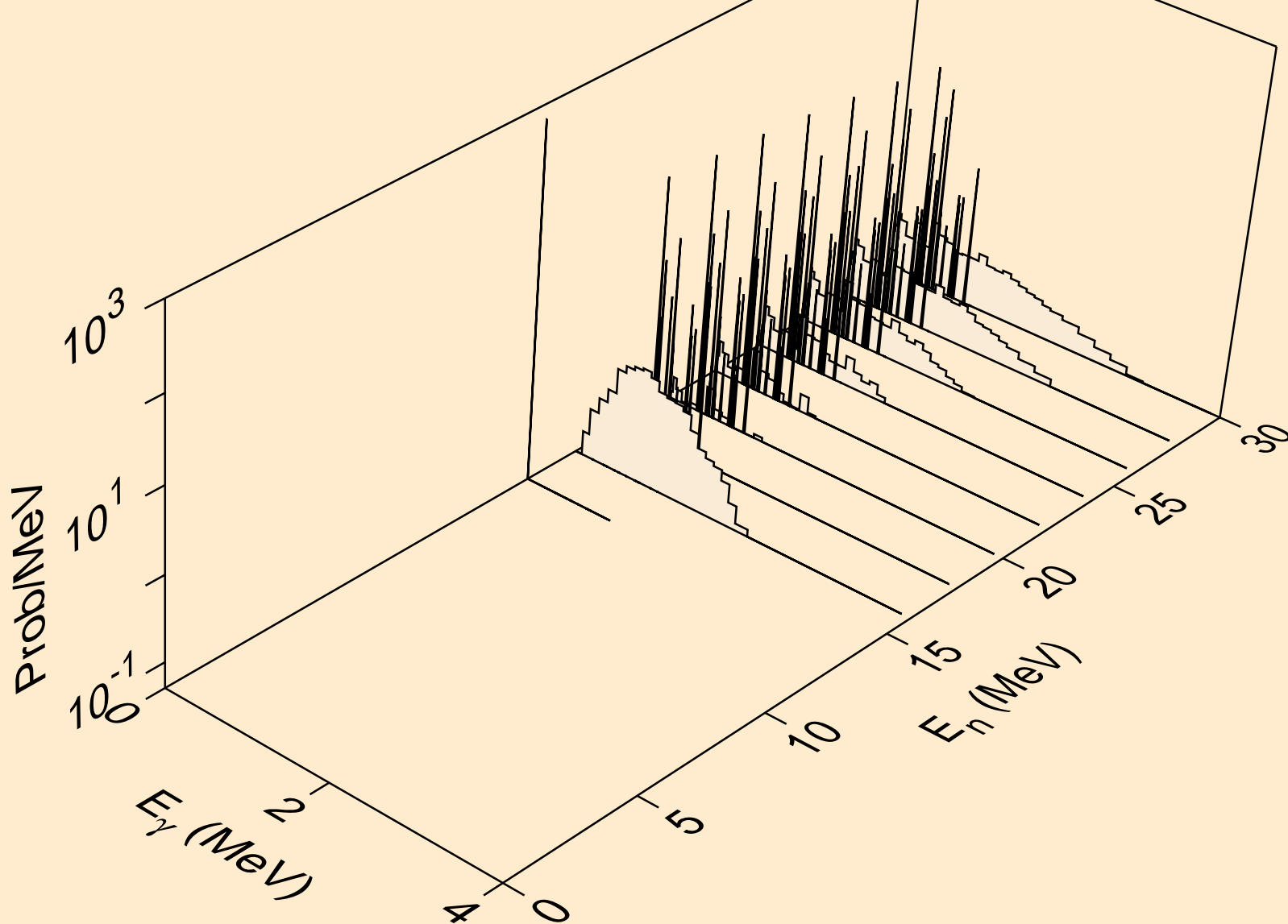
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Photon emission for (n,he3)



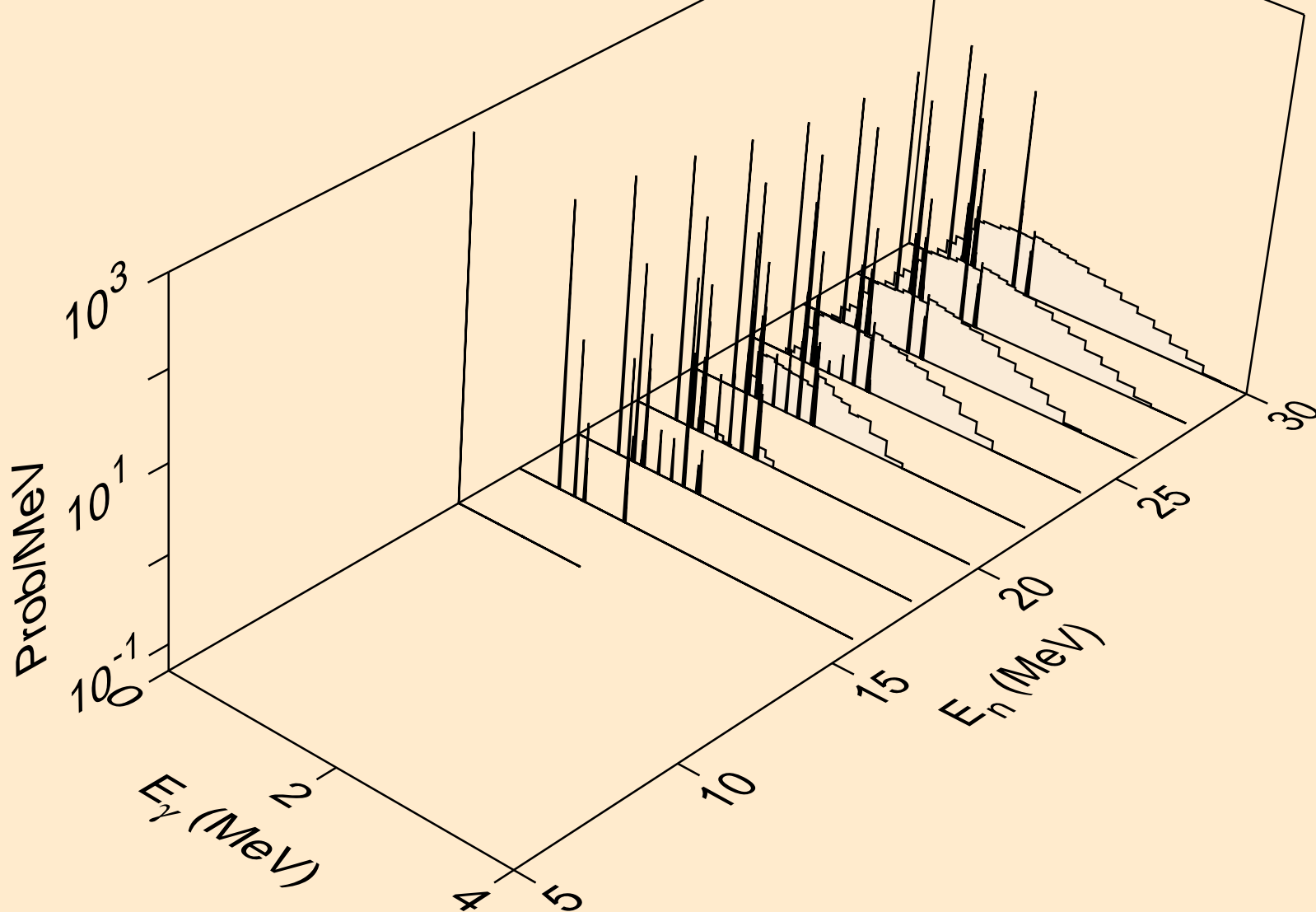
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



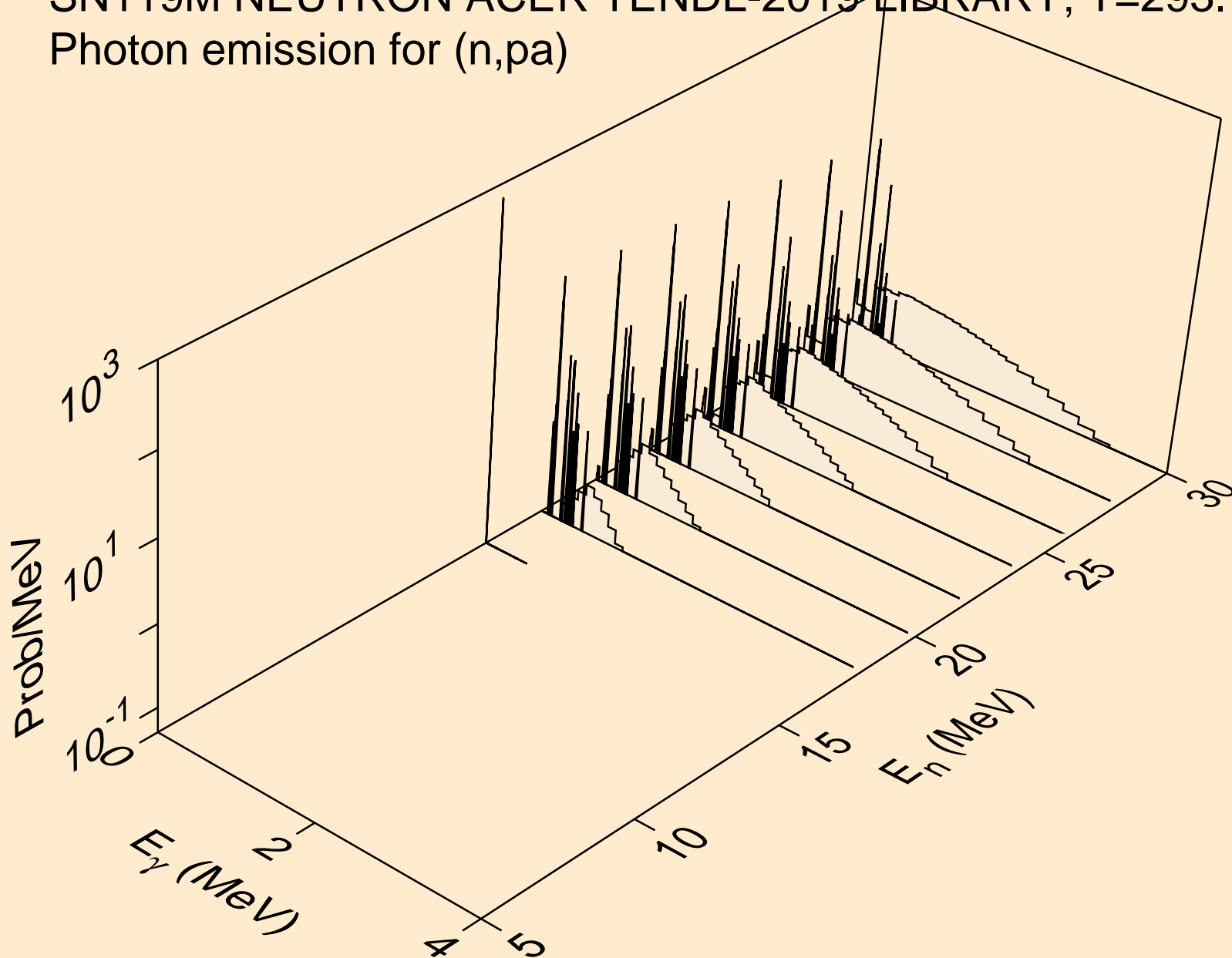
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



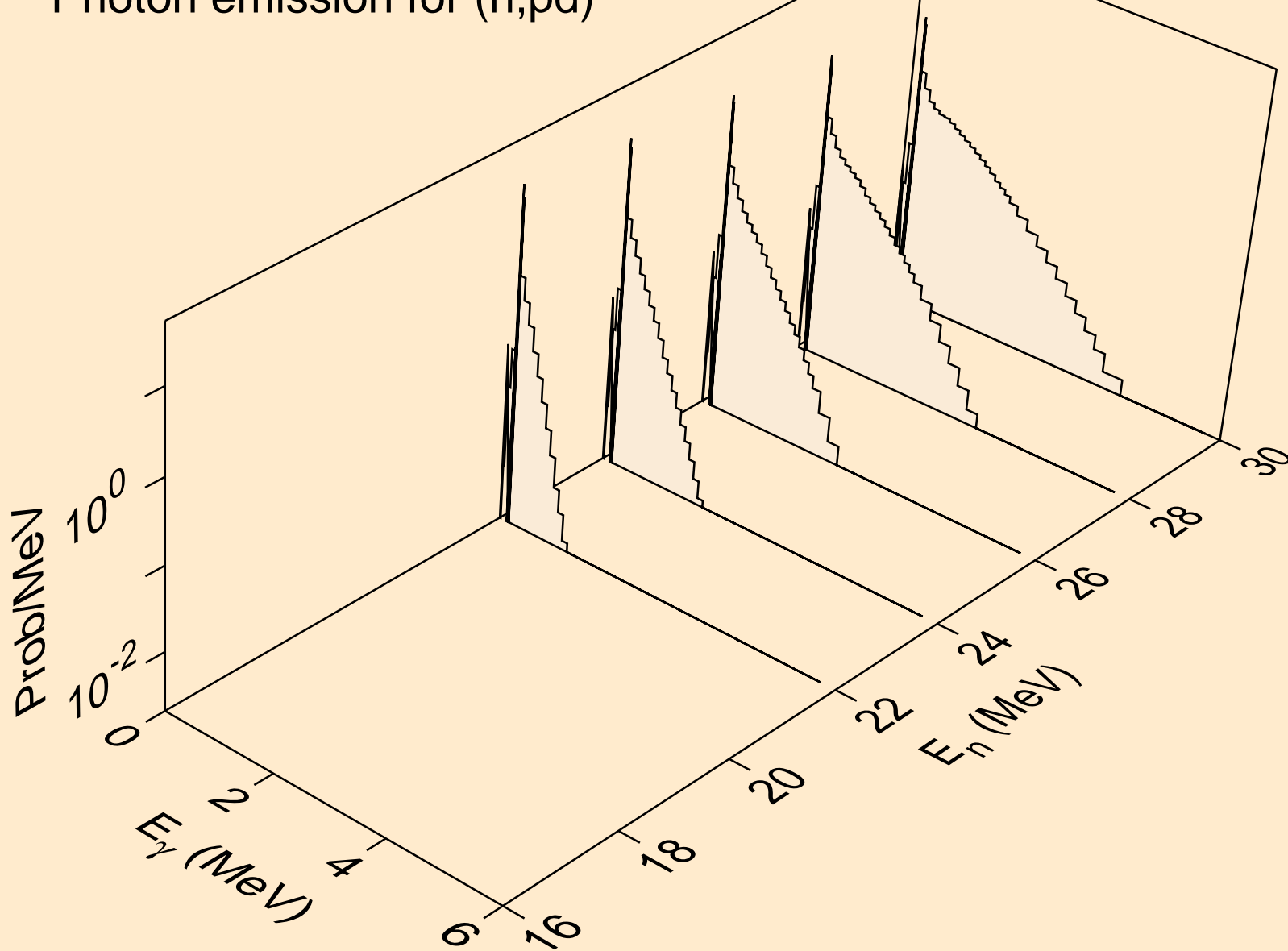
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Photon emission for (n,2p)



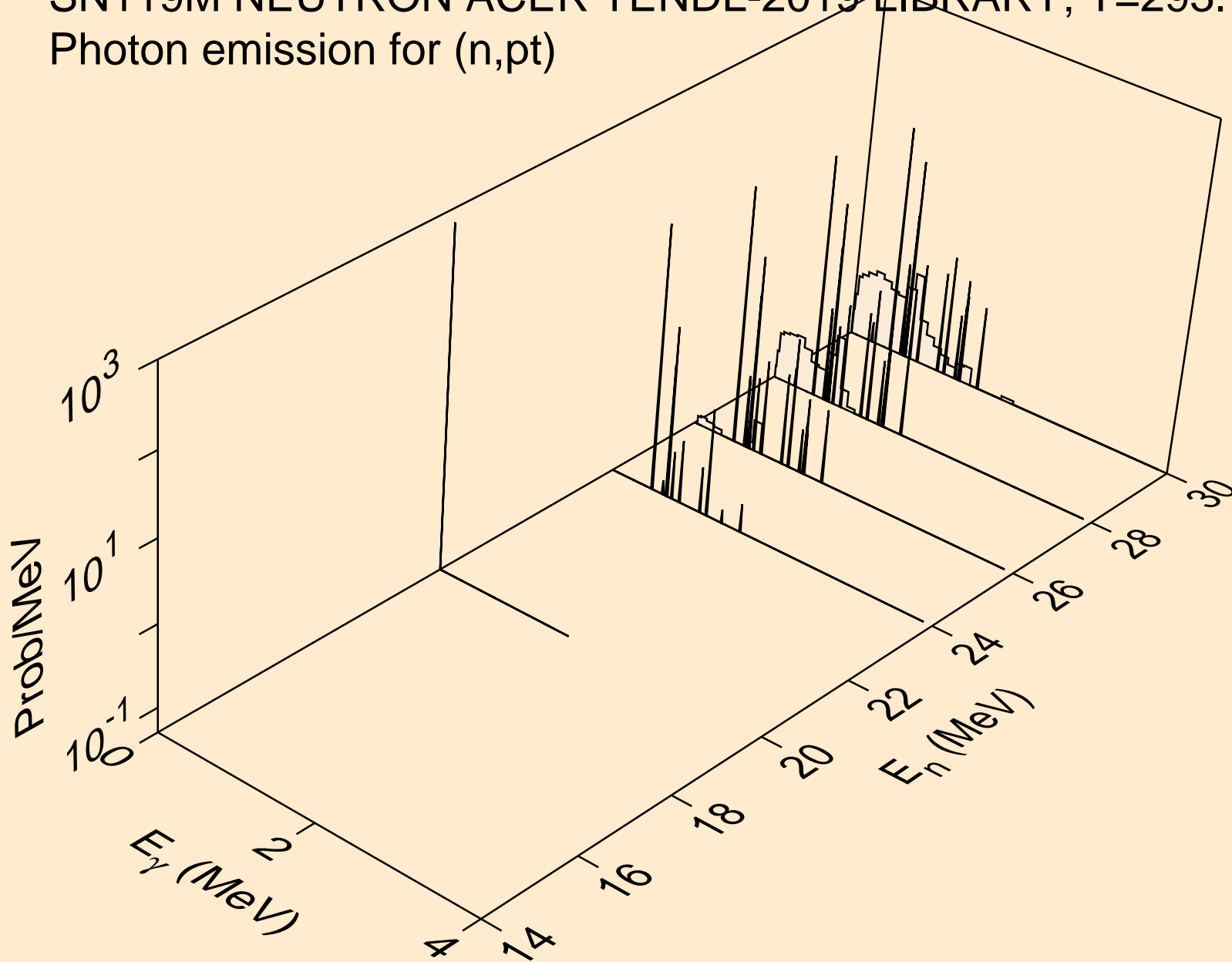
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Photon emission for (n,pa)



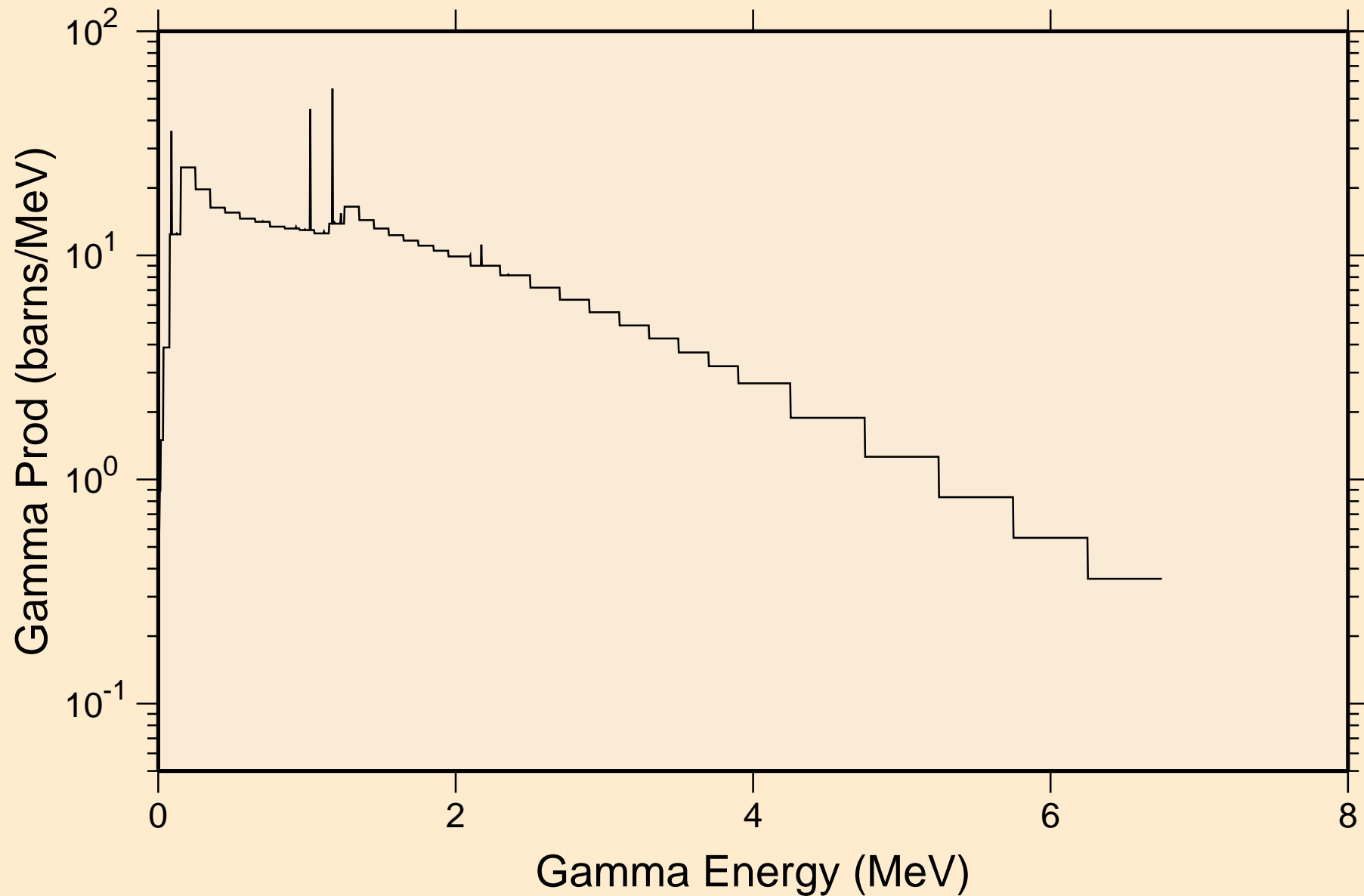
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Photon emission for (n,pd)



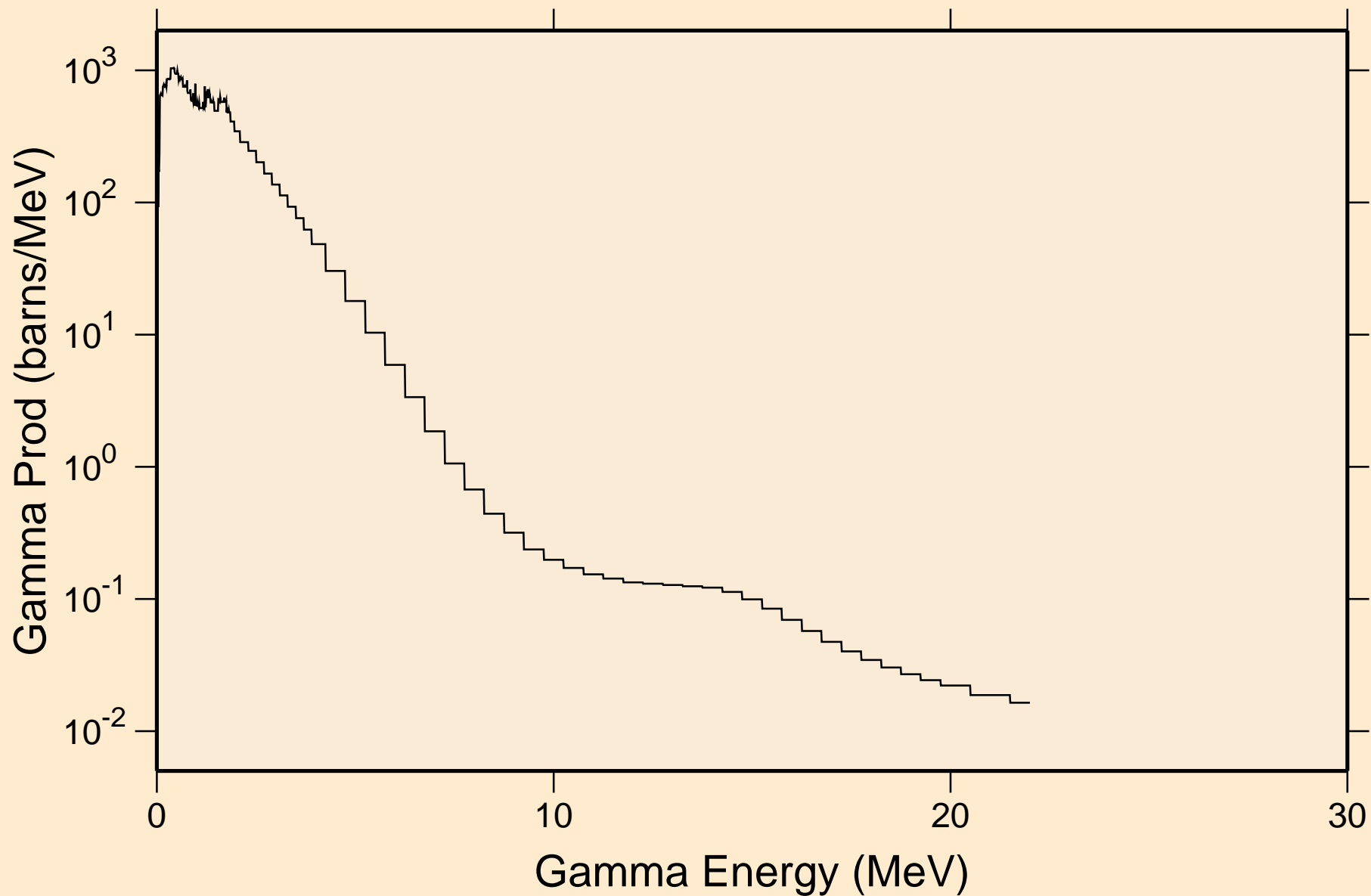
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

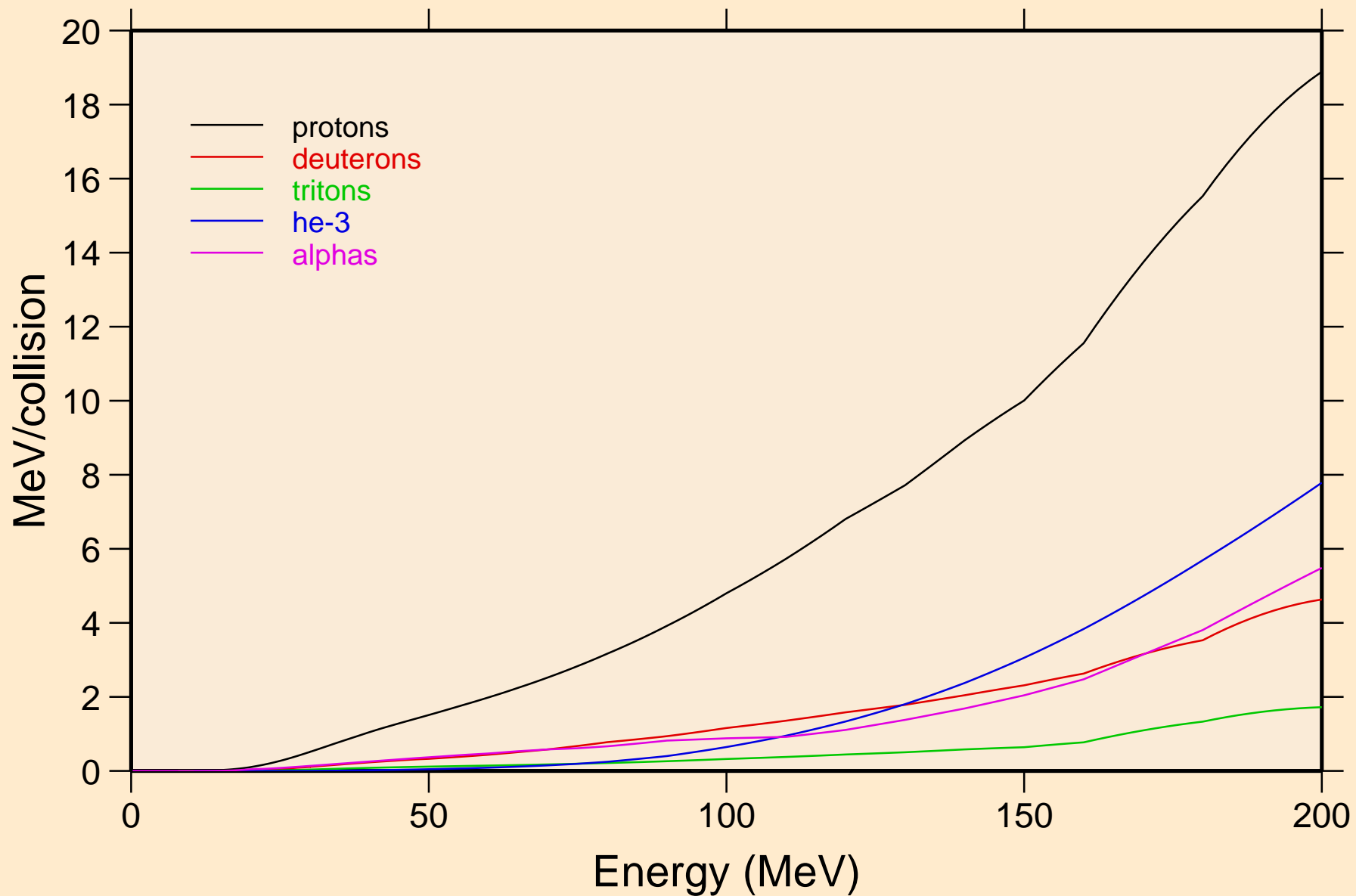


SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



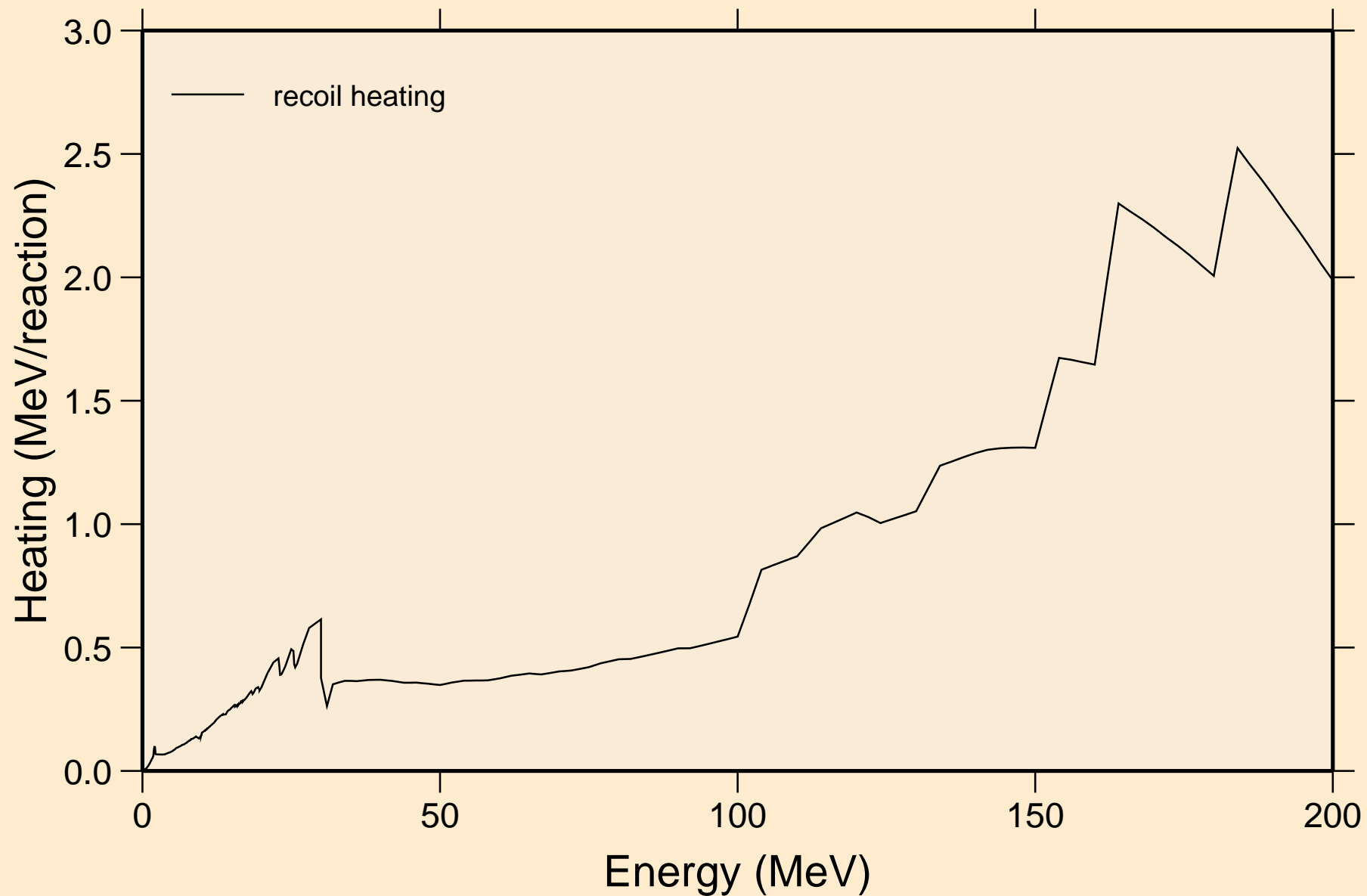
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions



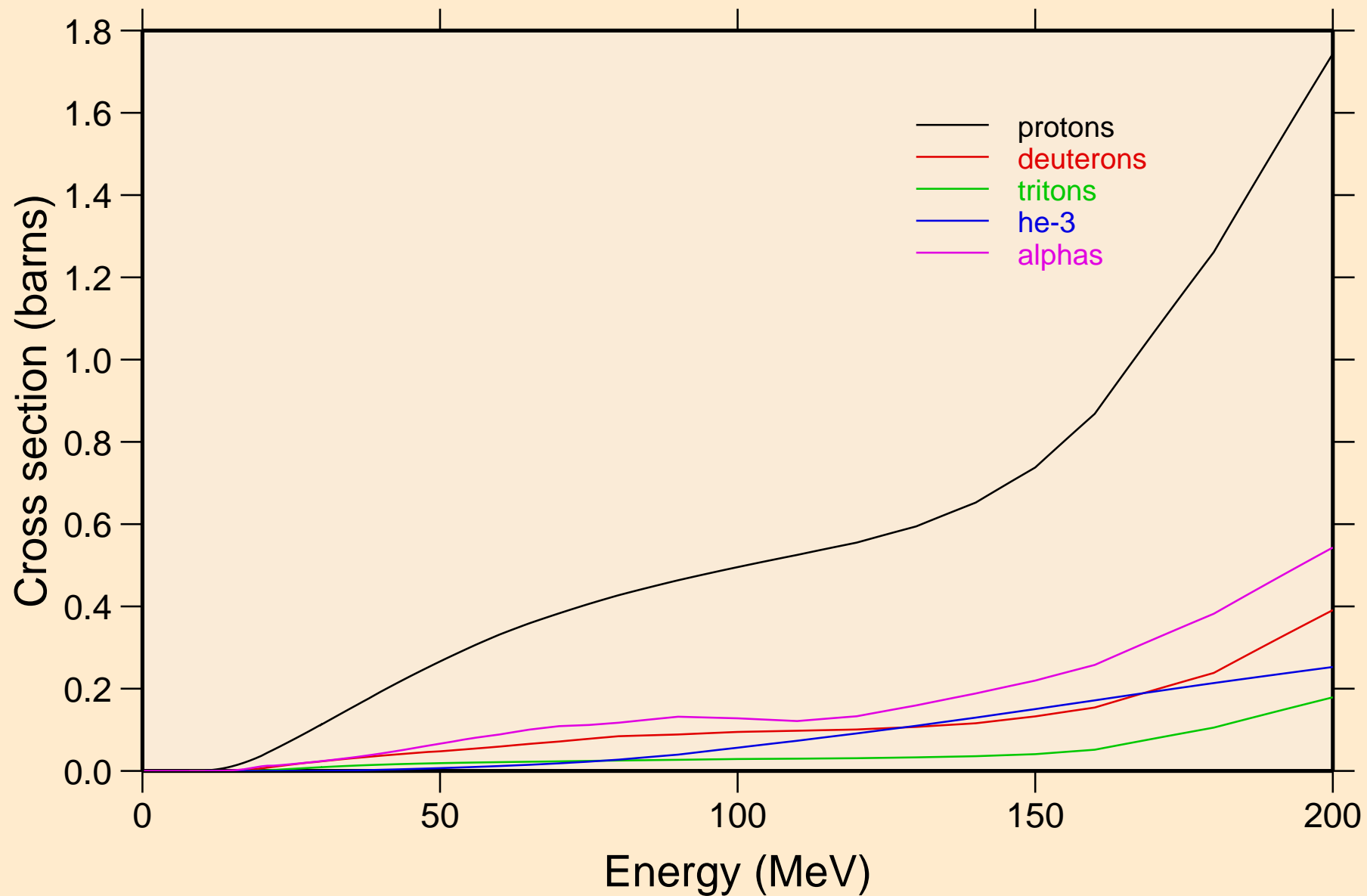
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Recoil Heating

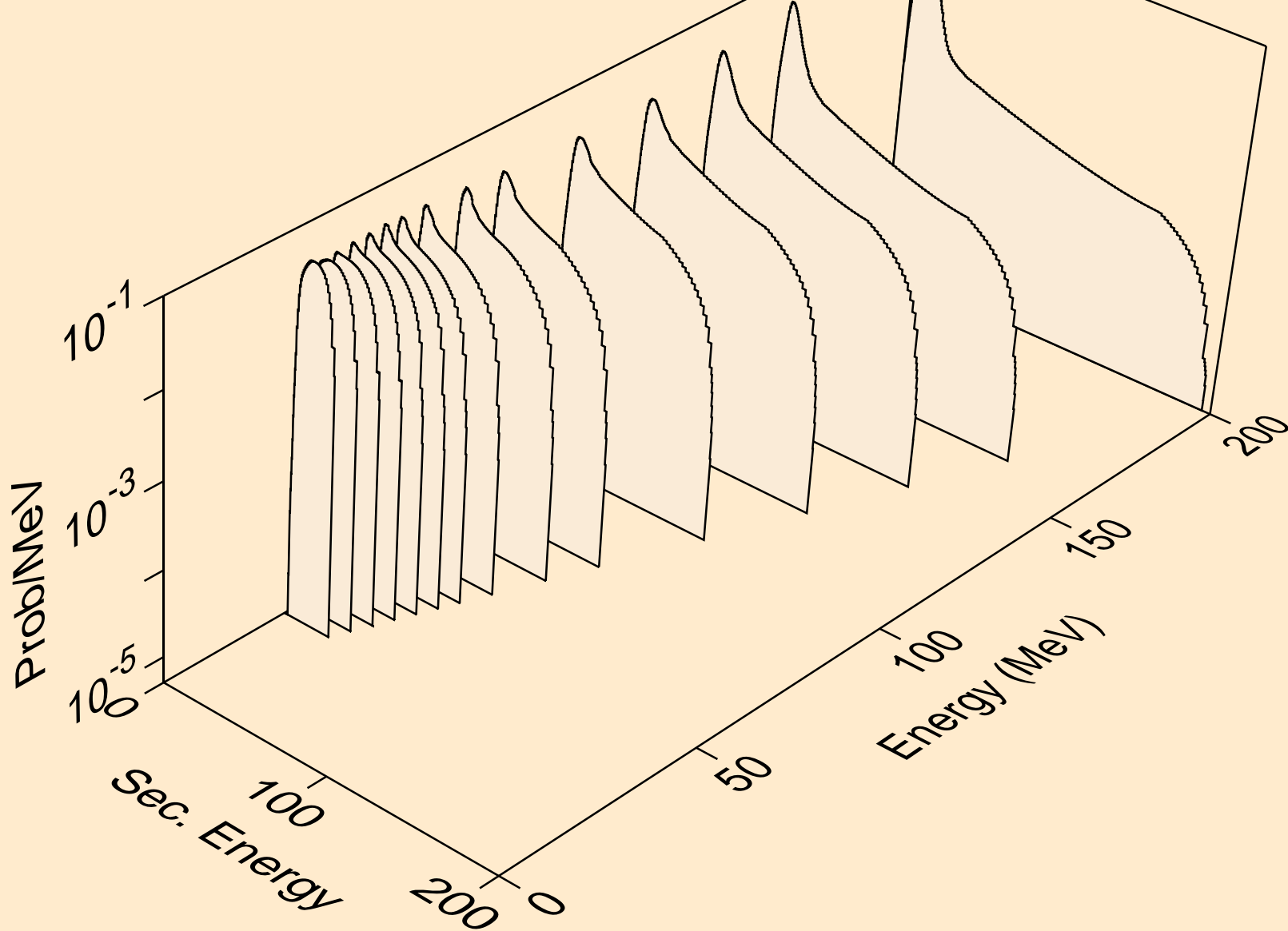


SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

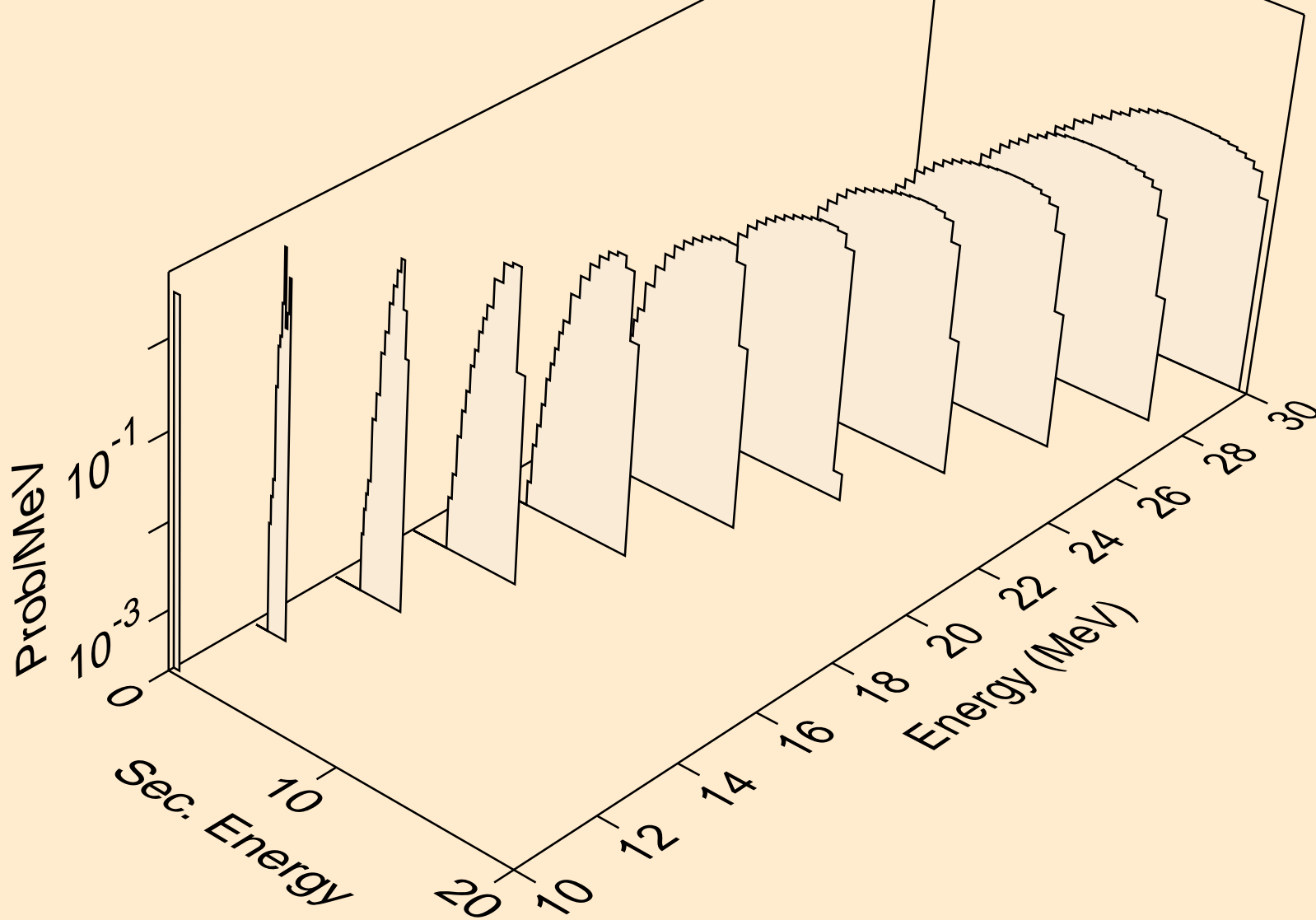
Particle production cross sections



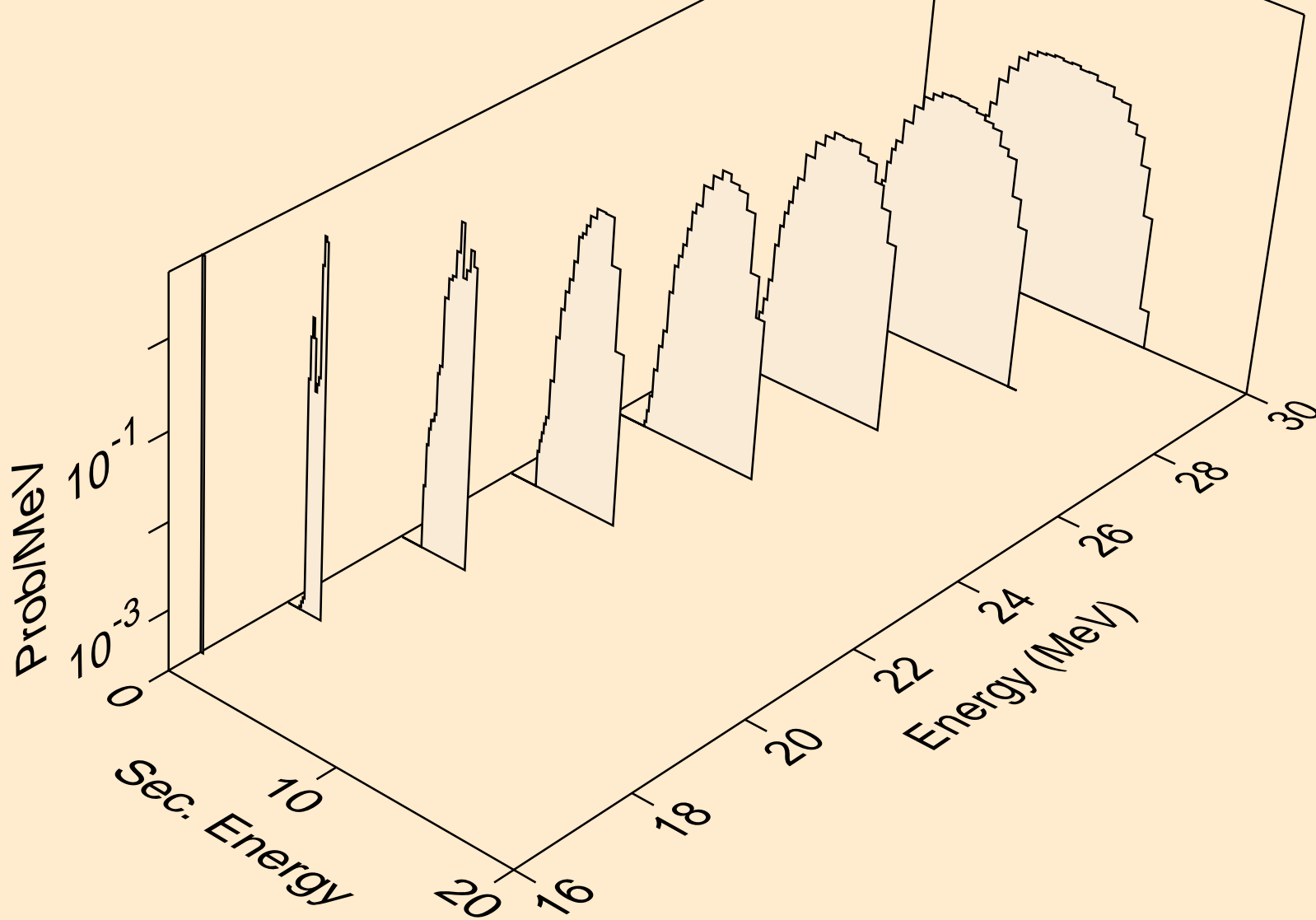
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protons from (n,x)



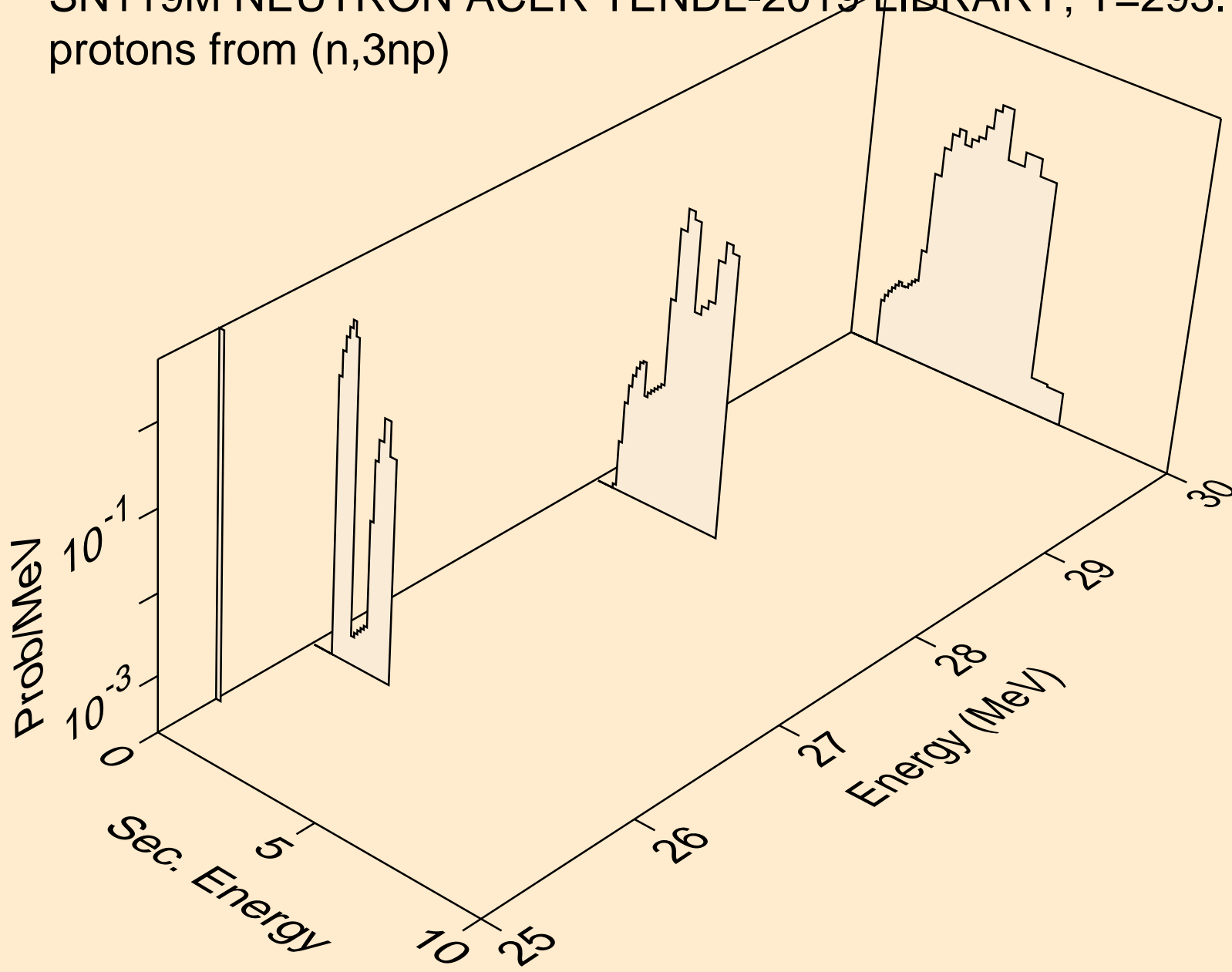
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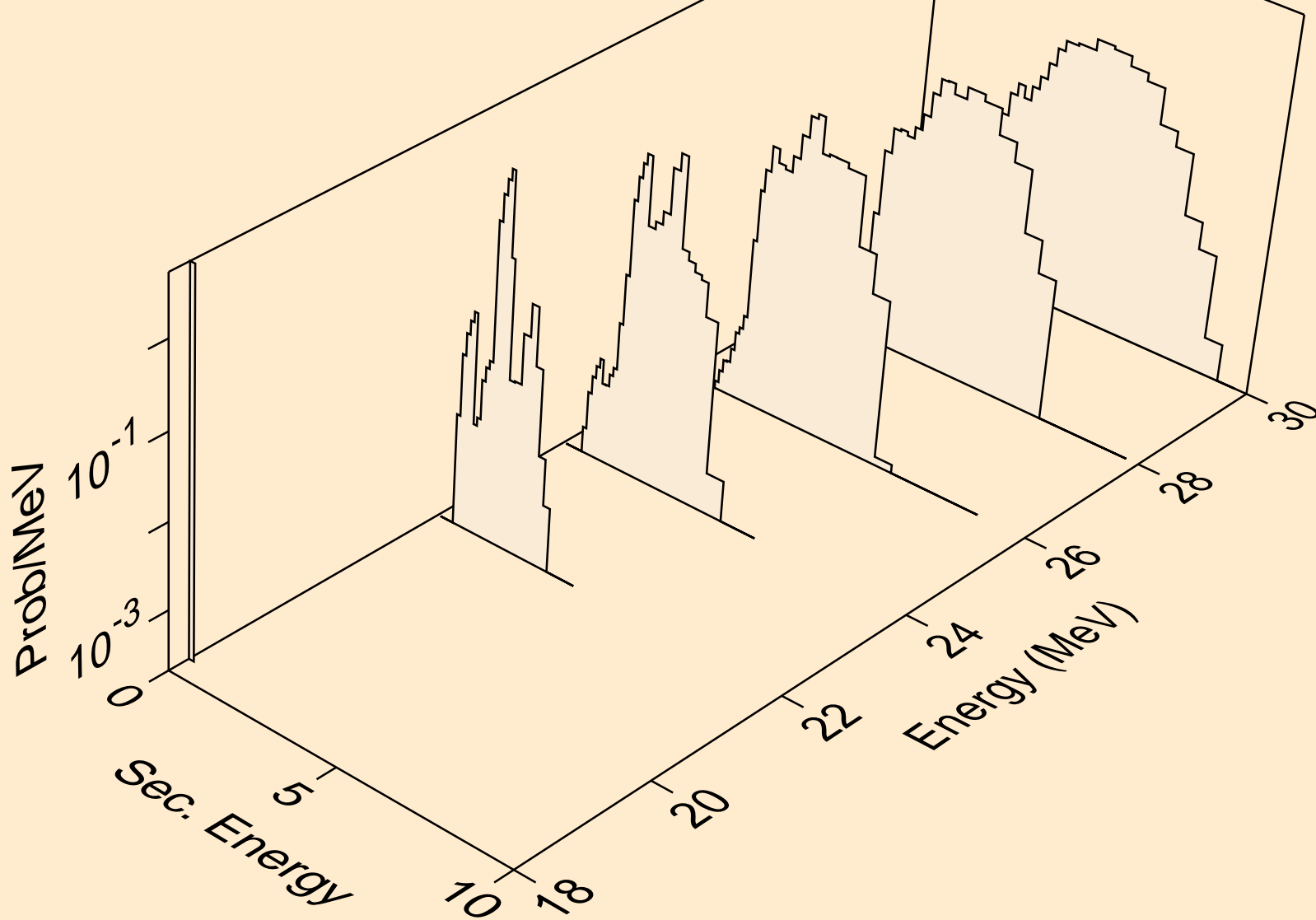
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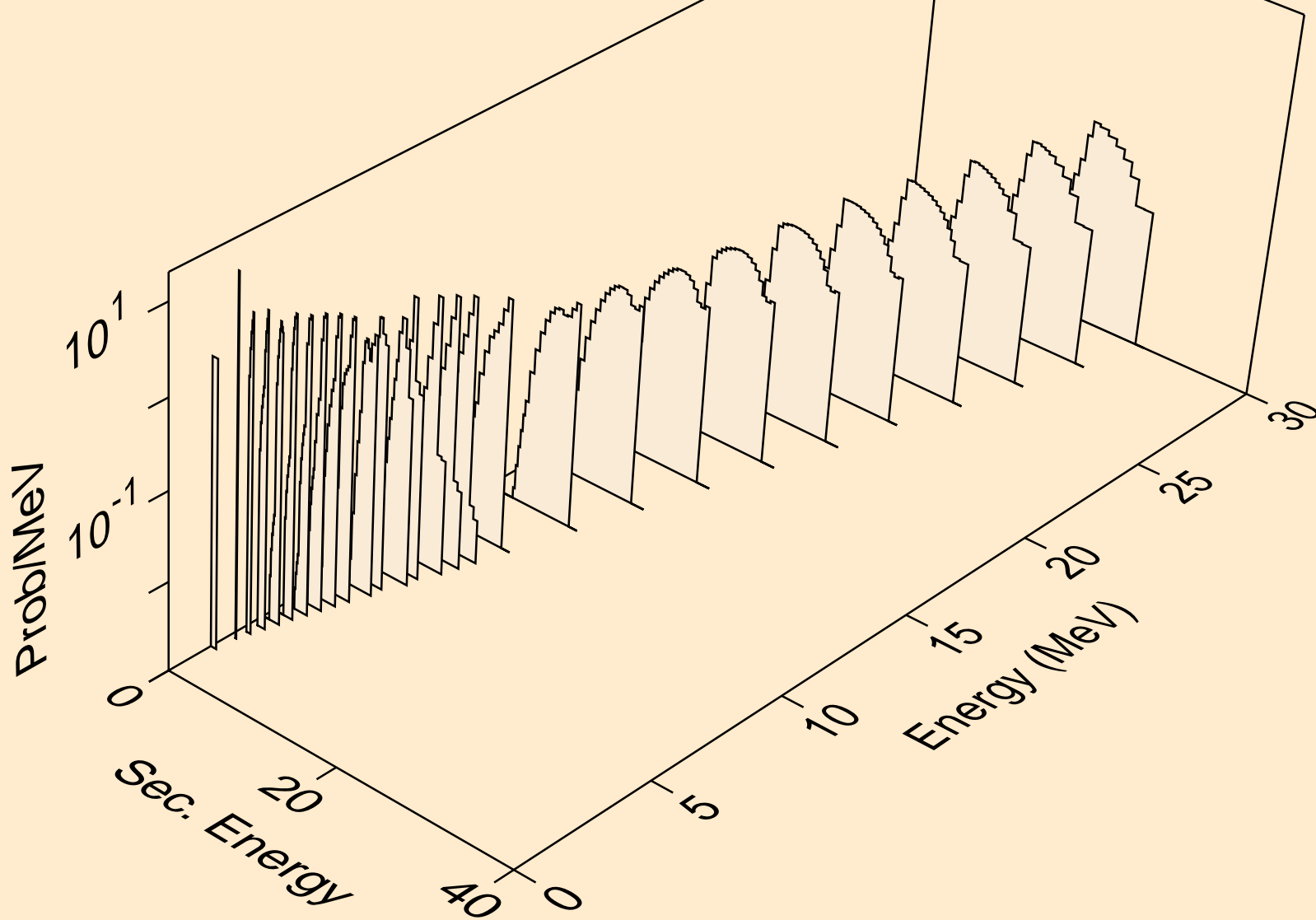
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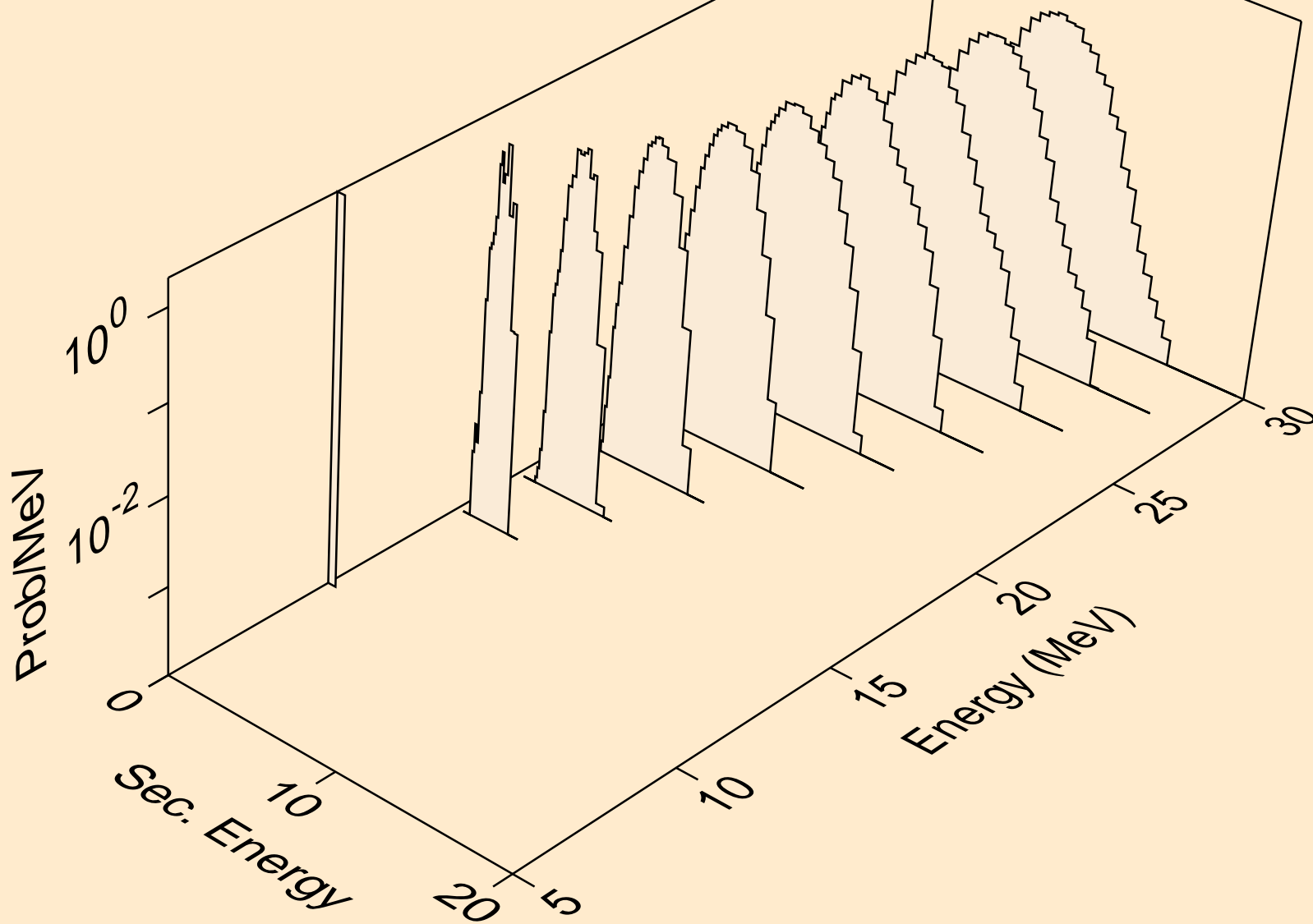
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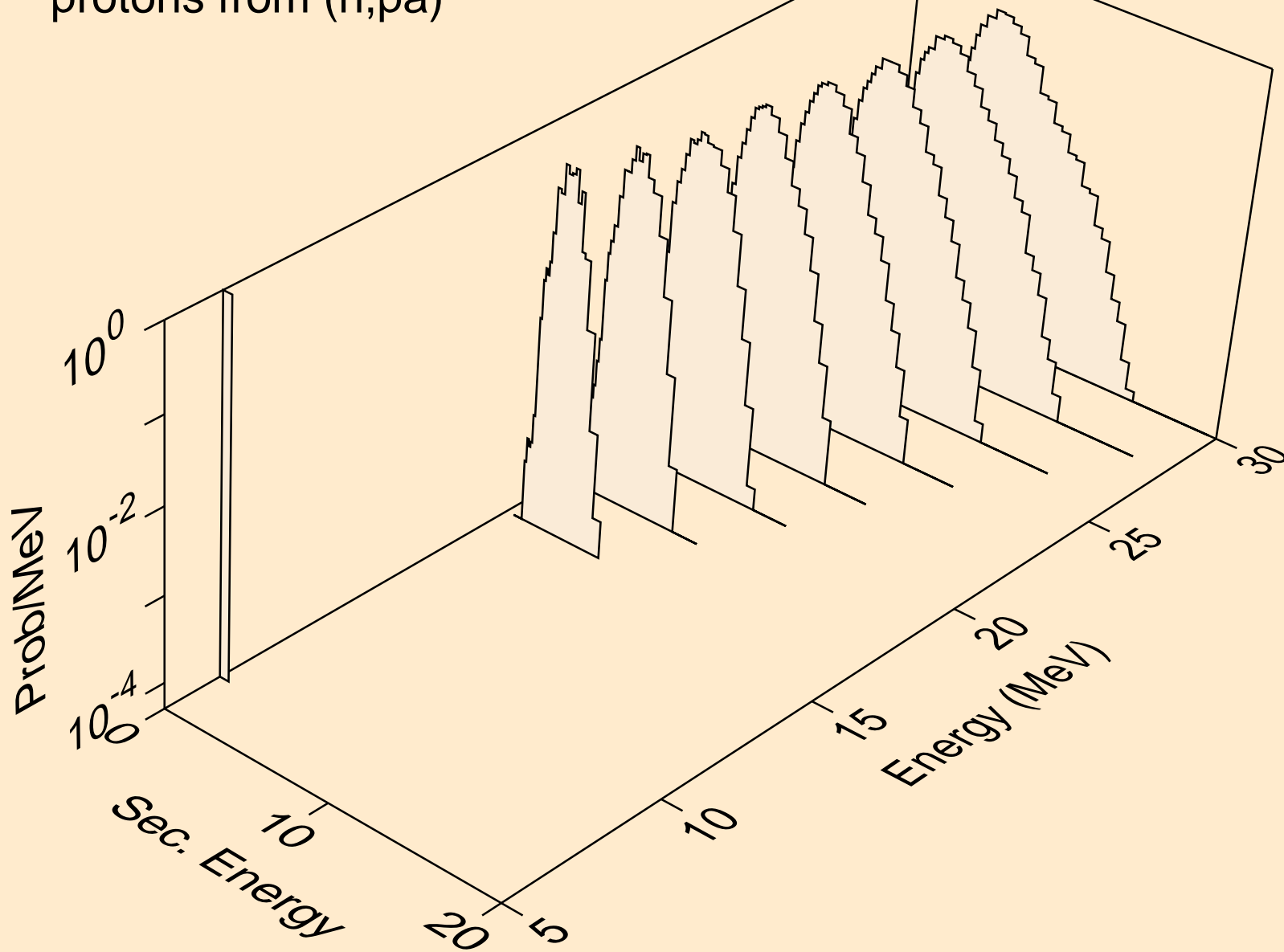
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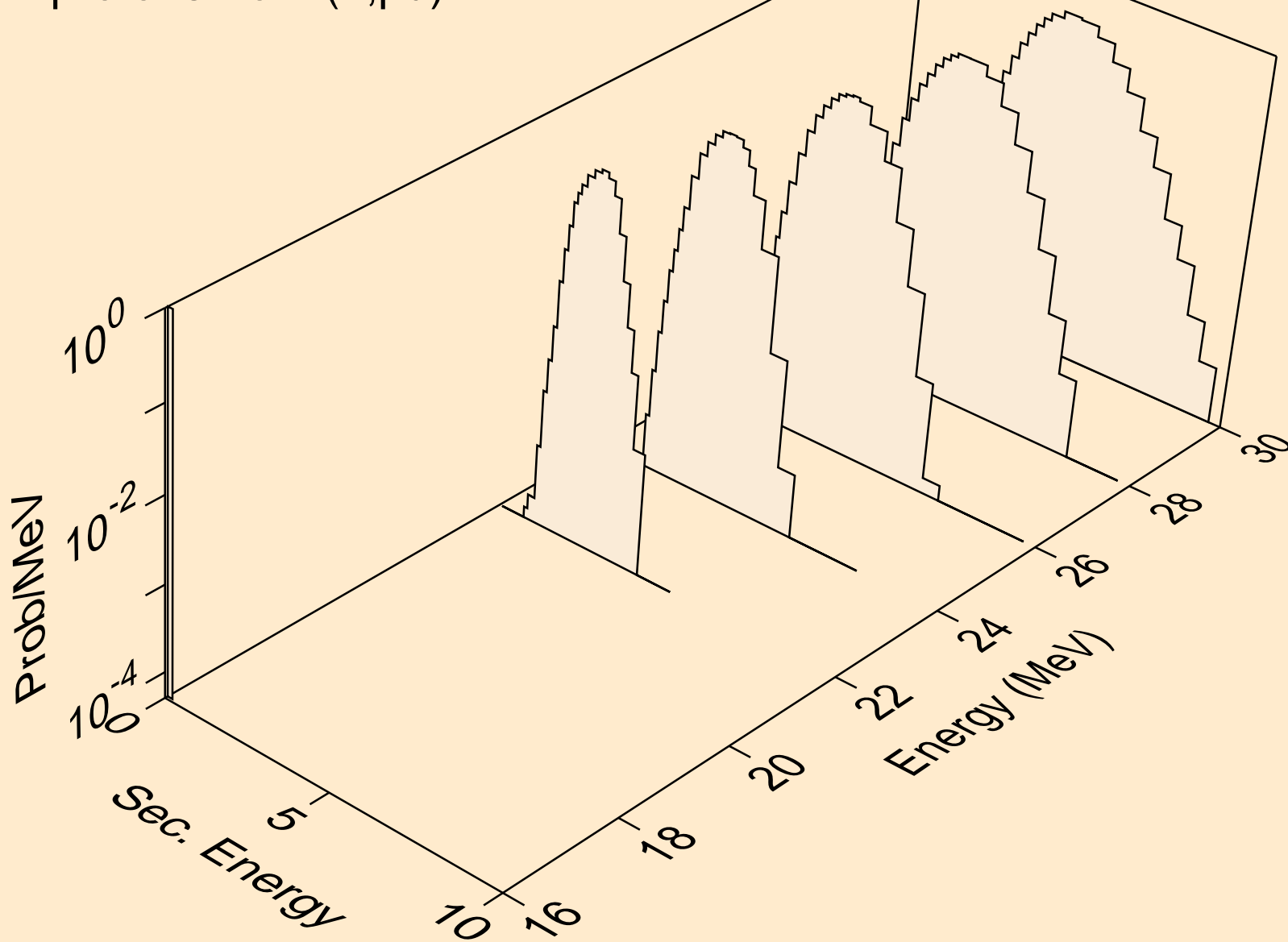
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protons from (n,2p)



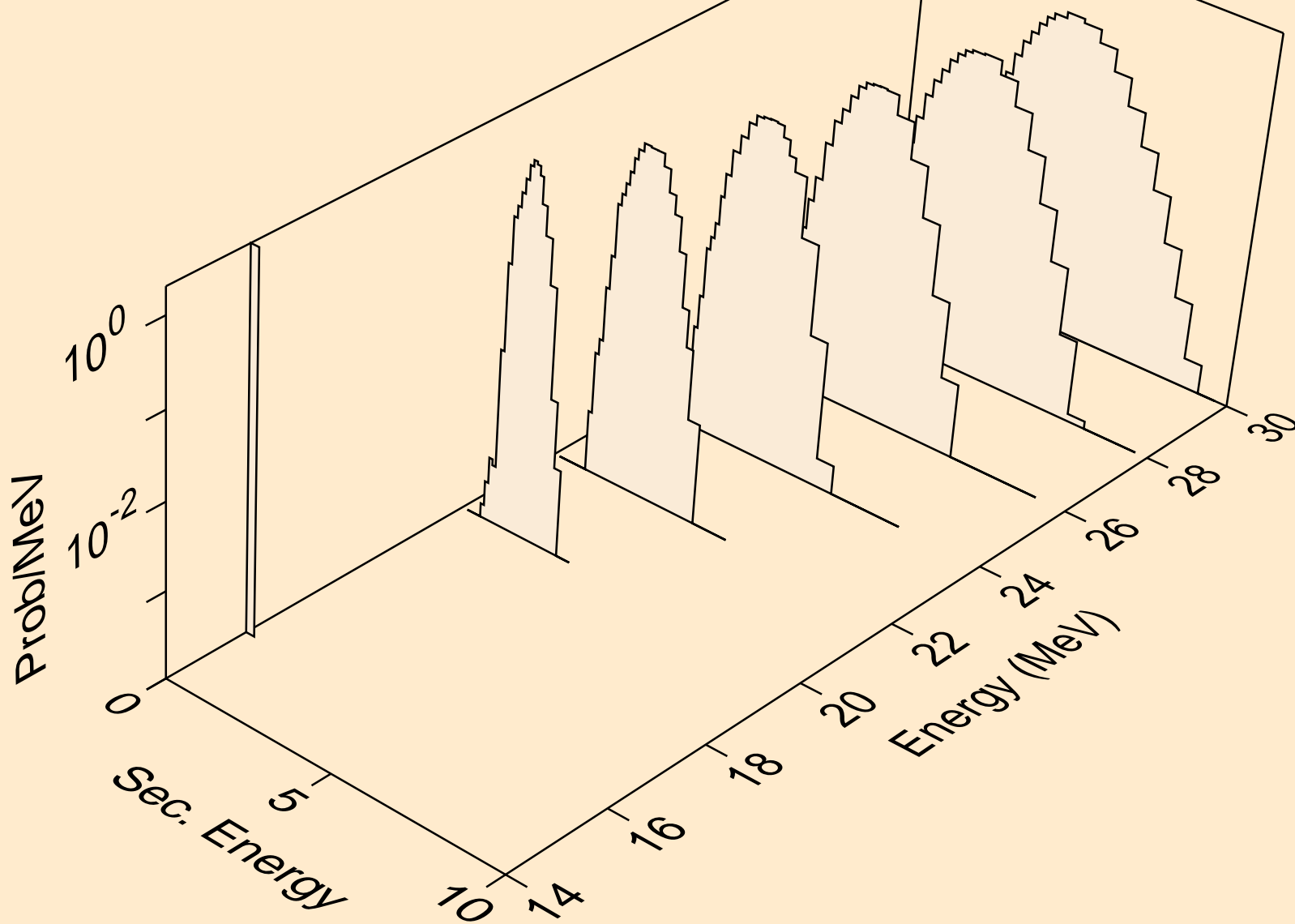
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protons from (n,pa)



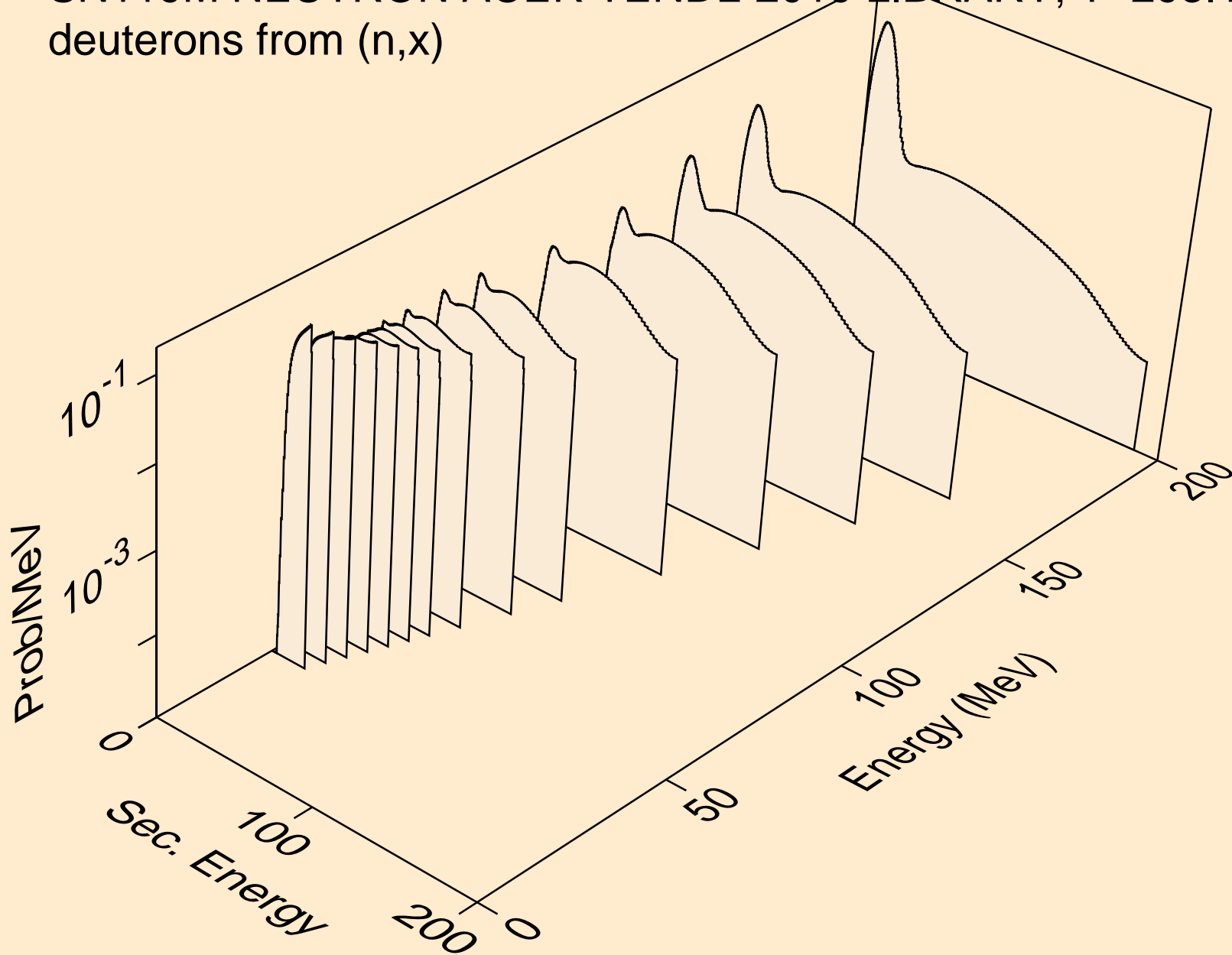
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protons from (n,pd)



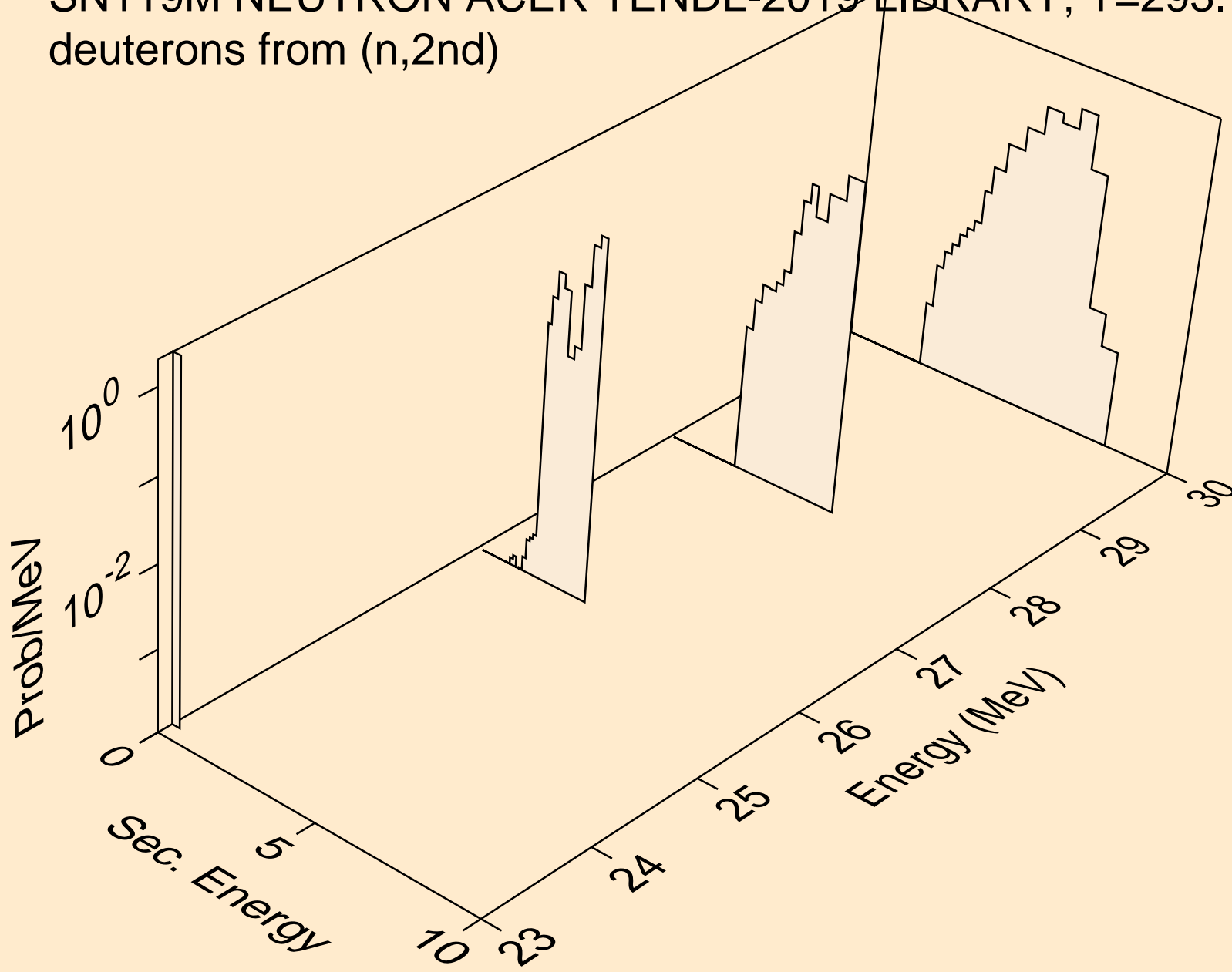
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protons from (n,pt)



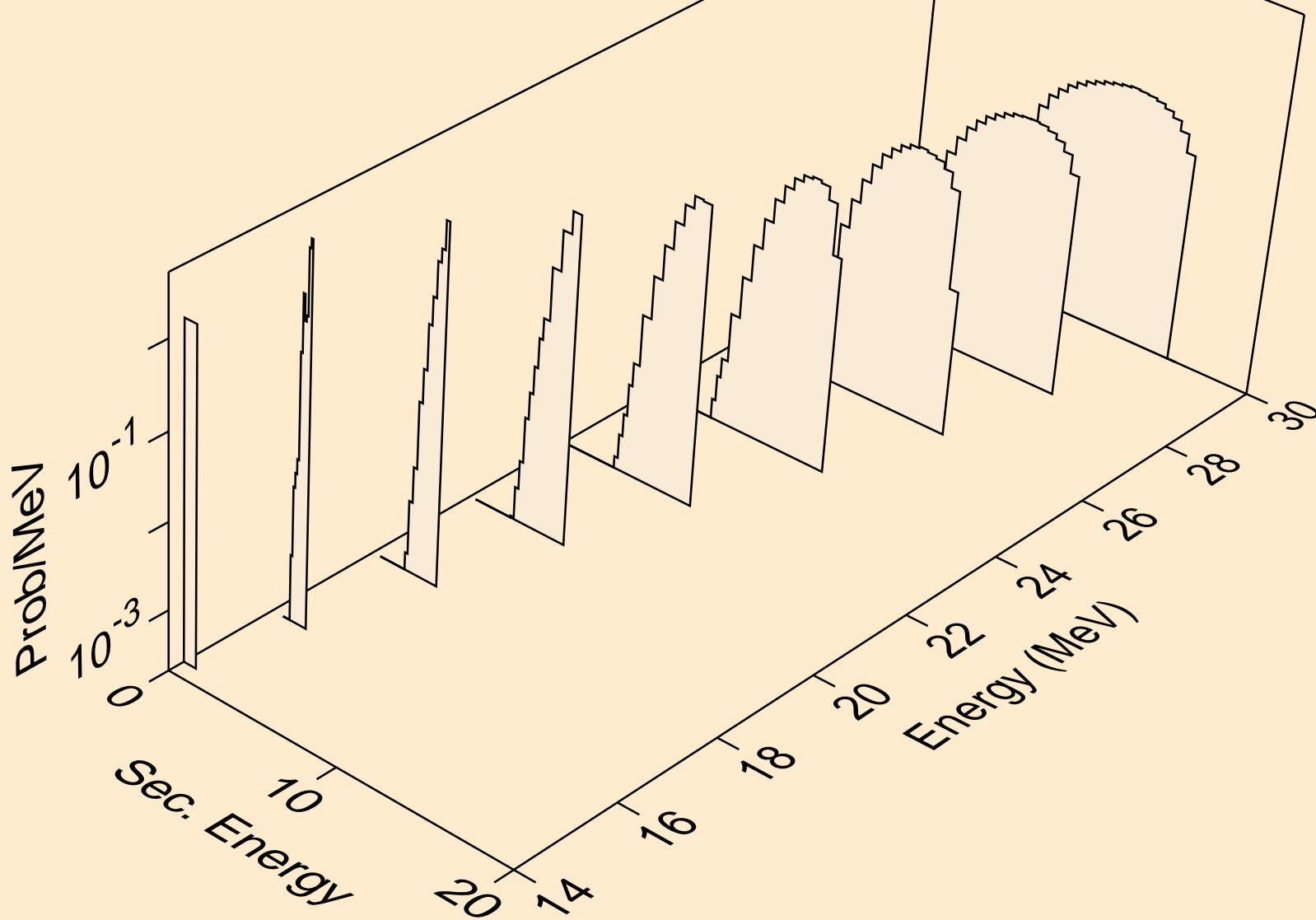
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deuterons from (n,x)



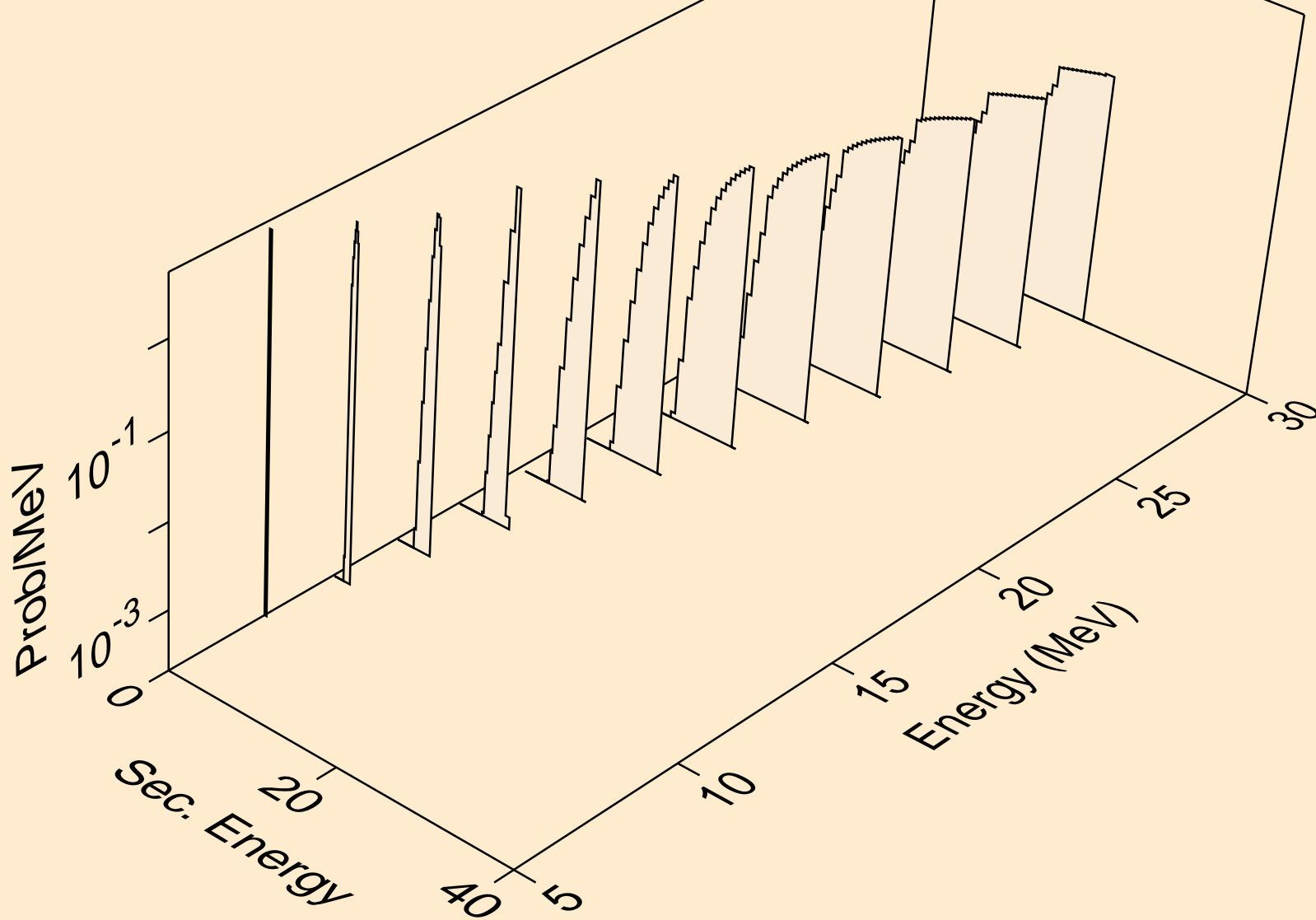
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deuterons from (n,2nd)



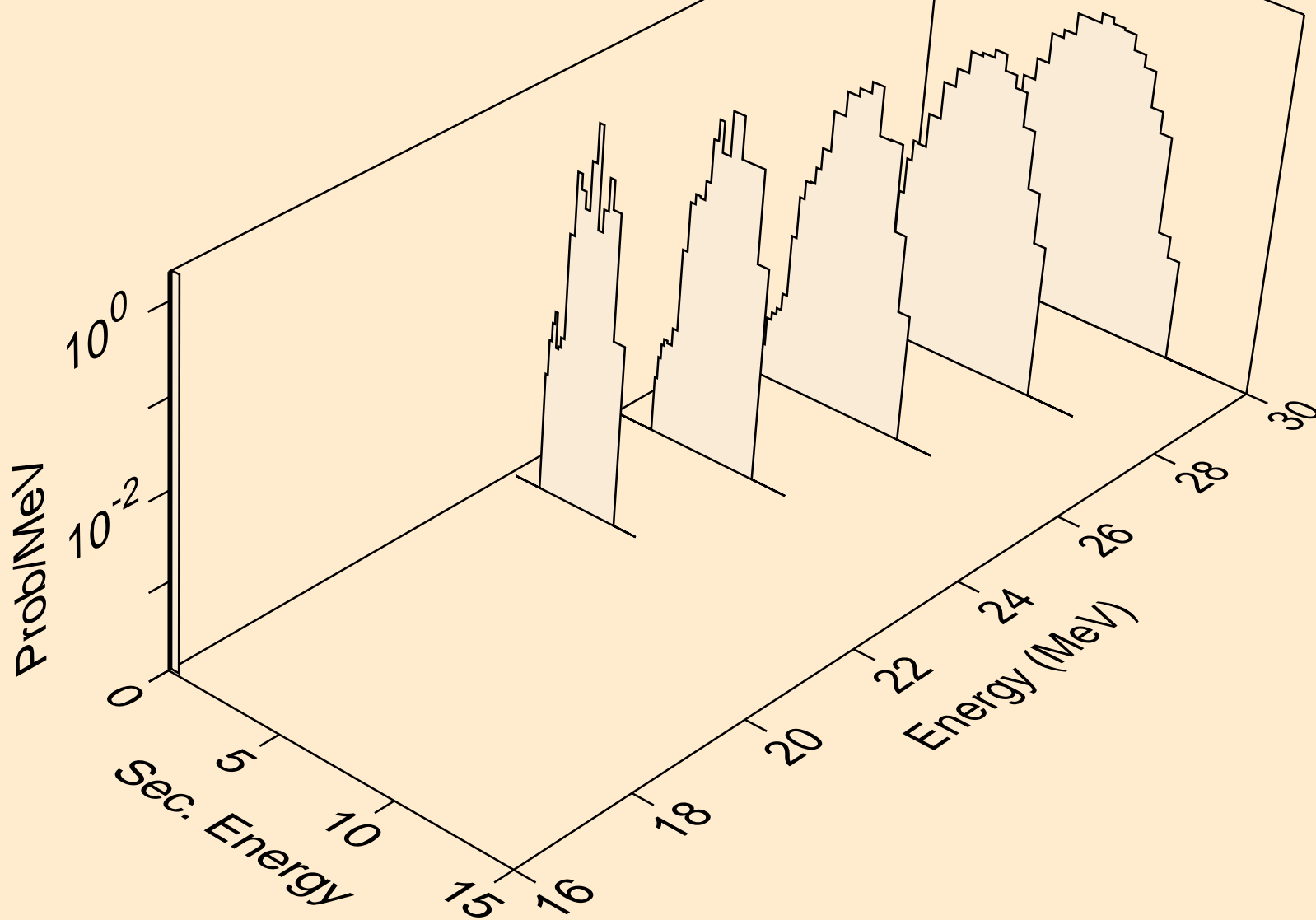
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deuterons from (n,n*)d



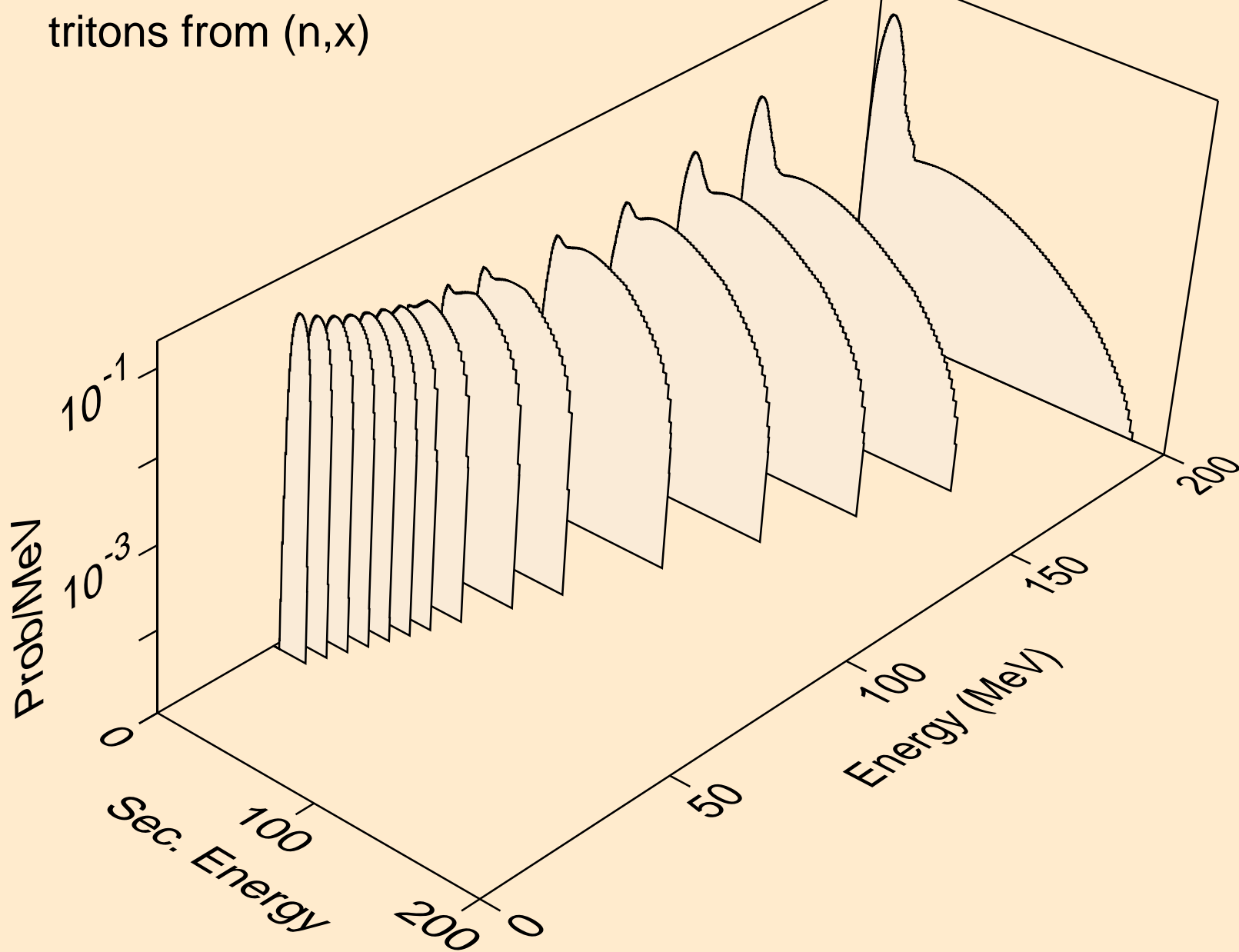
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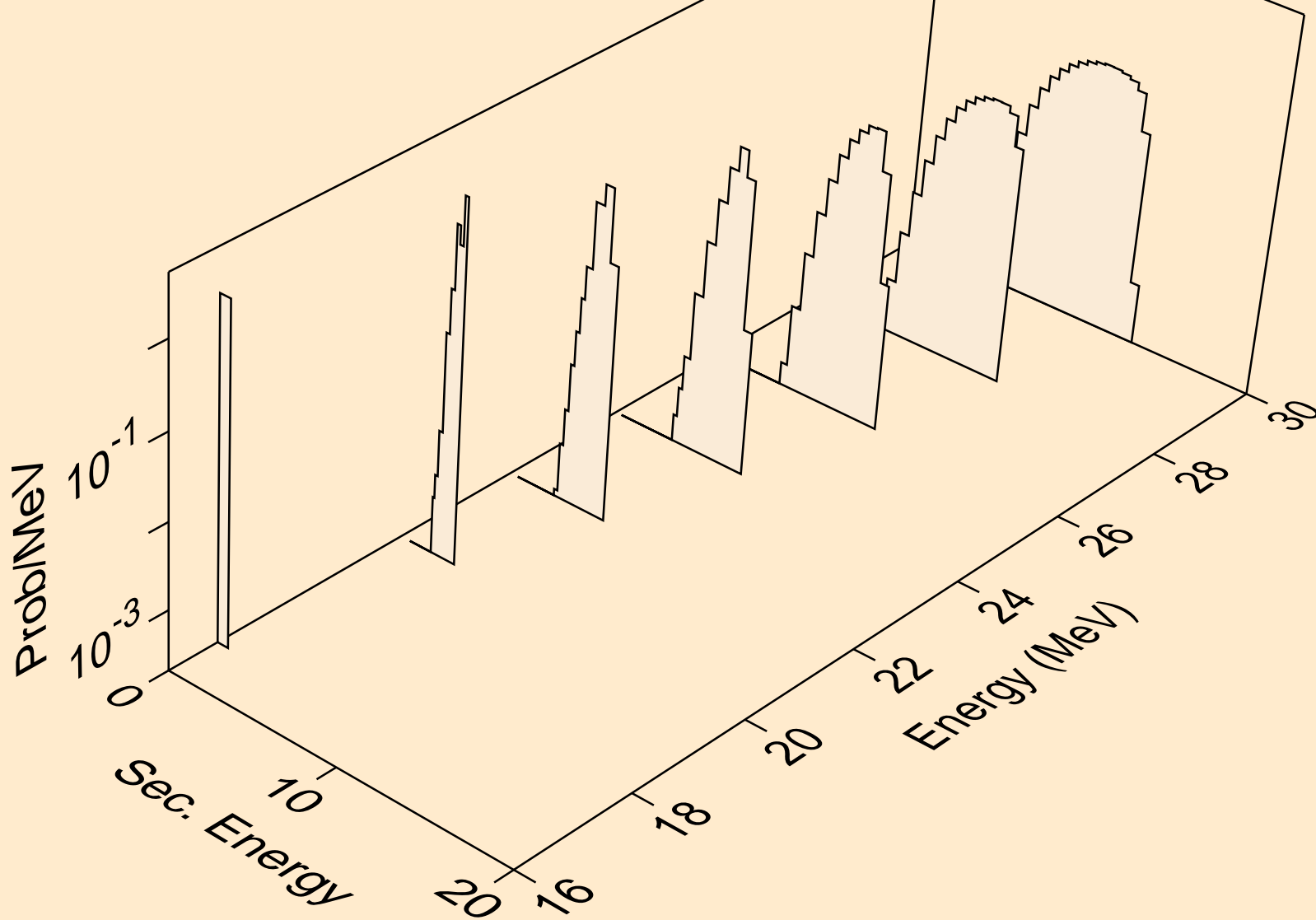
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deuterons from (n,pd)



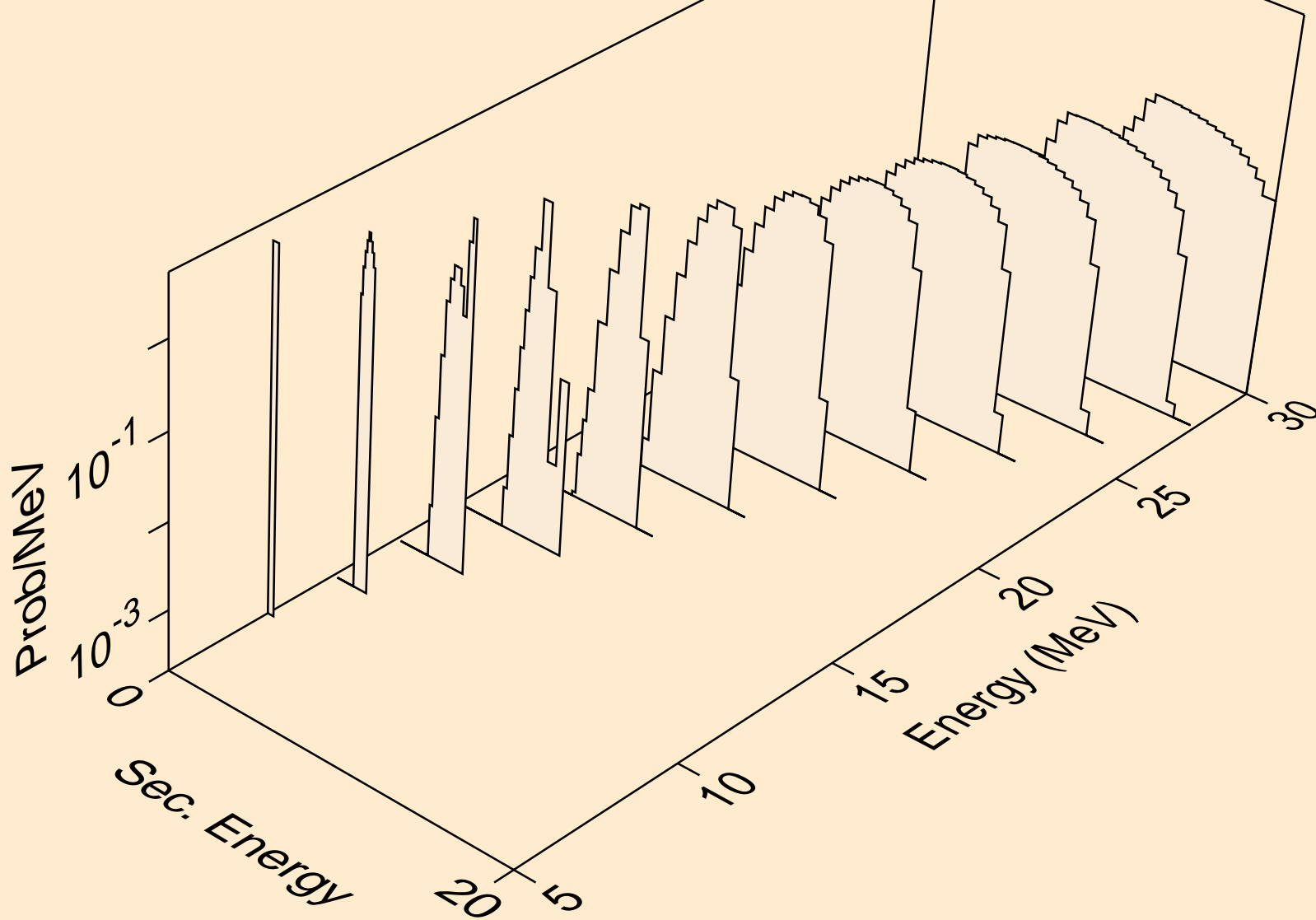
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tritons from (n,x)



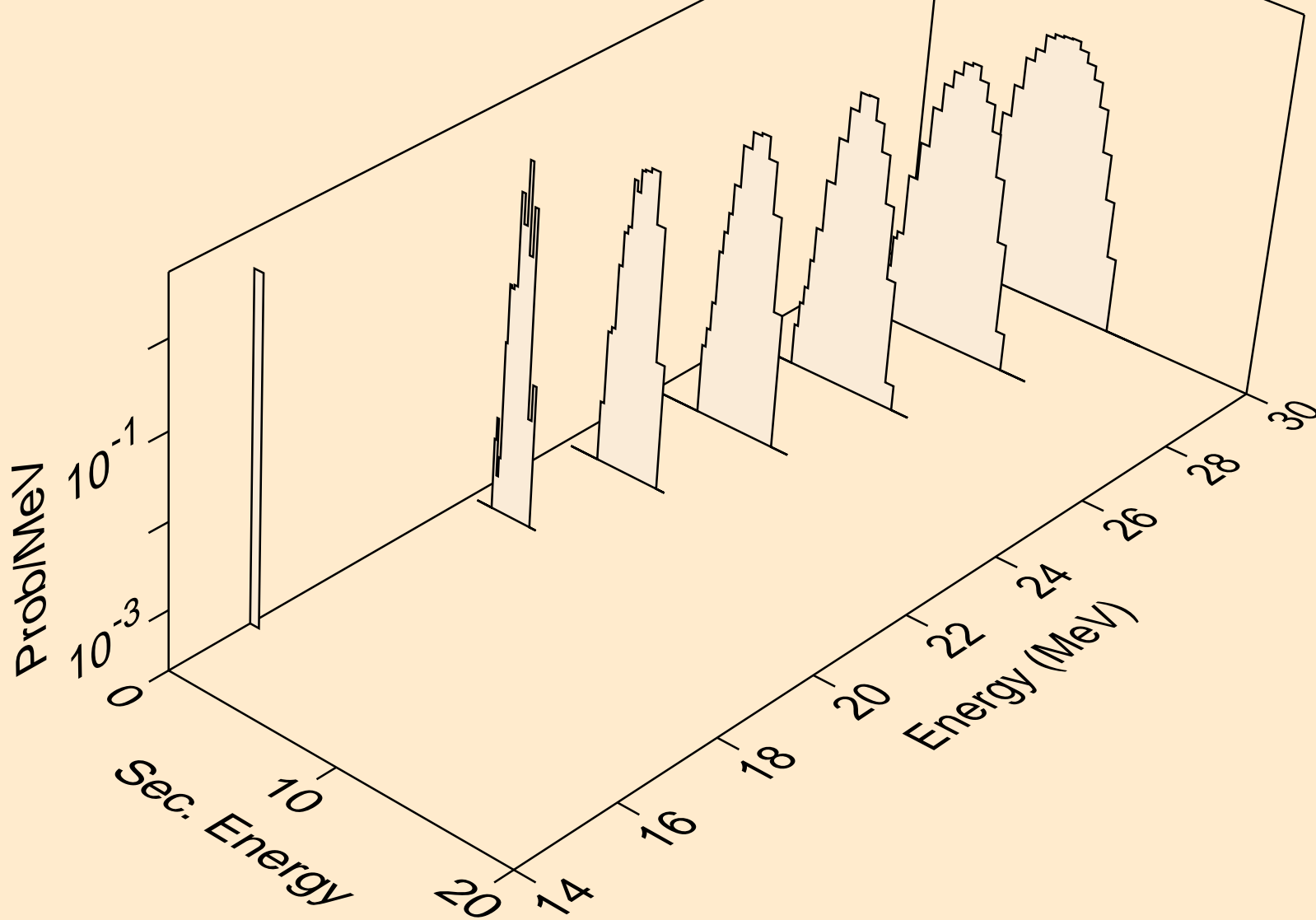
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tritons from (n,n*)t



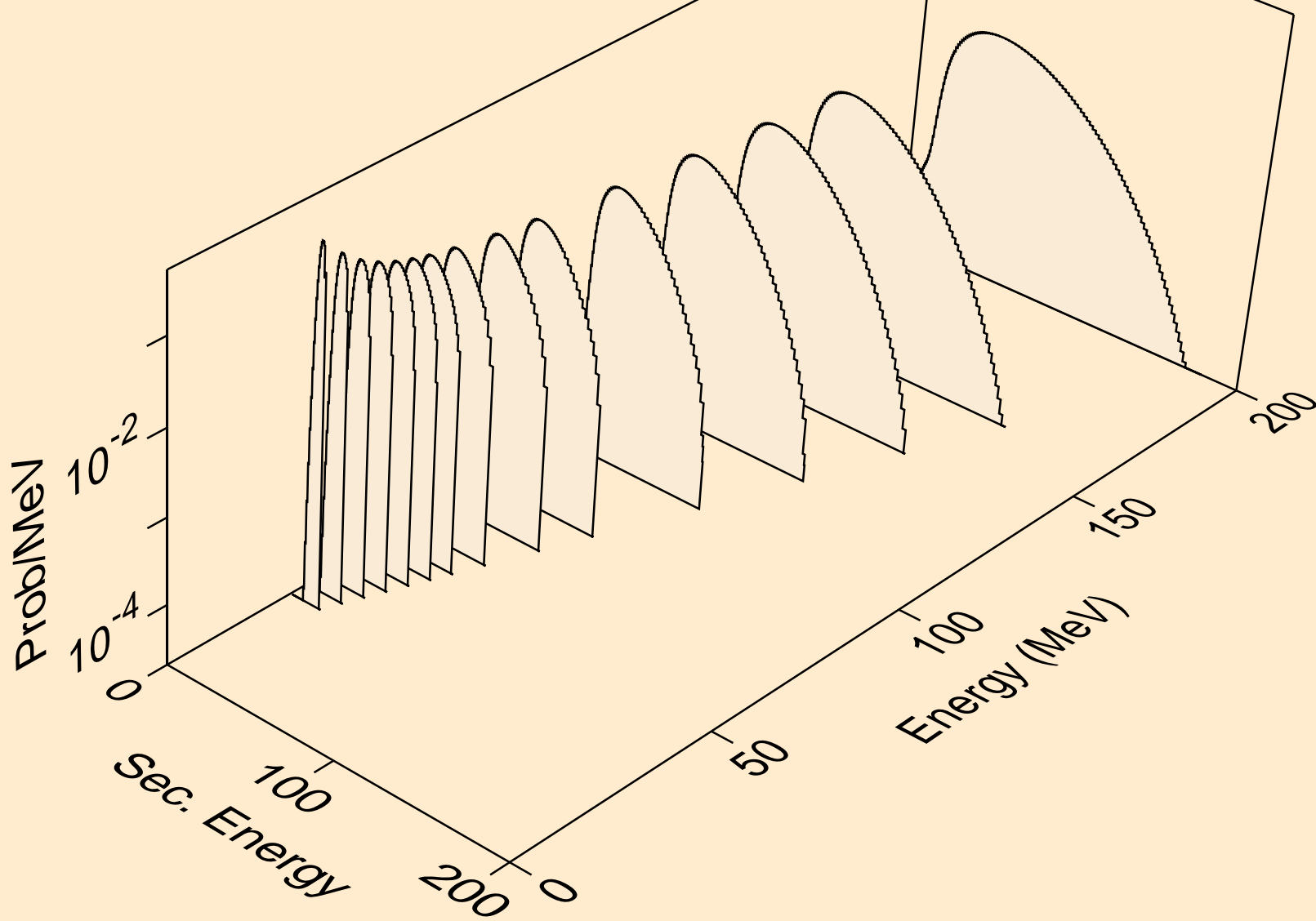
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tritons from (n,t)



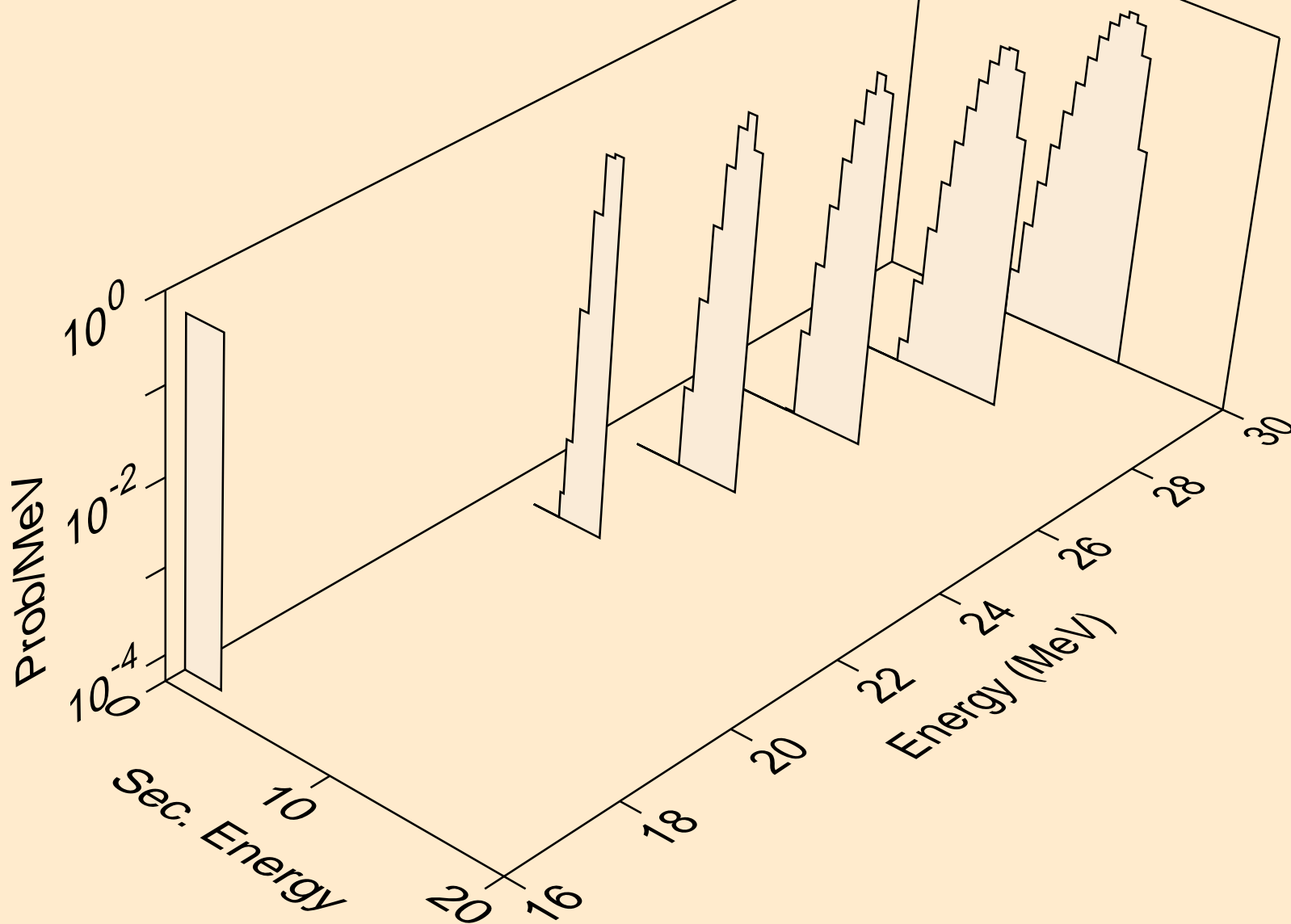
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tritons from (n,pt)



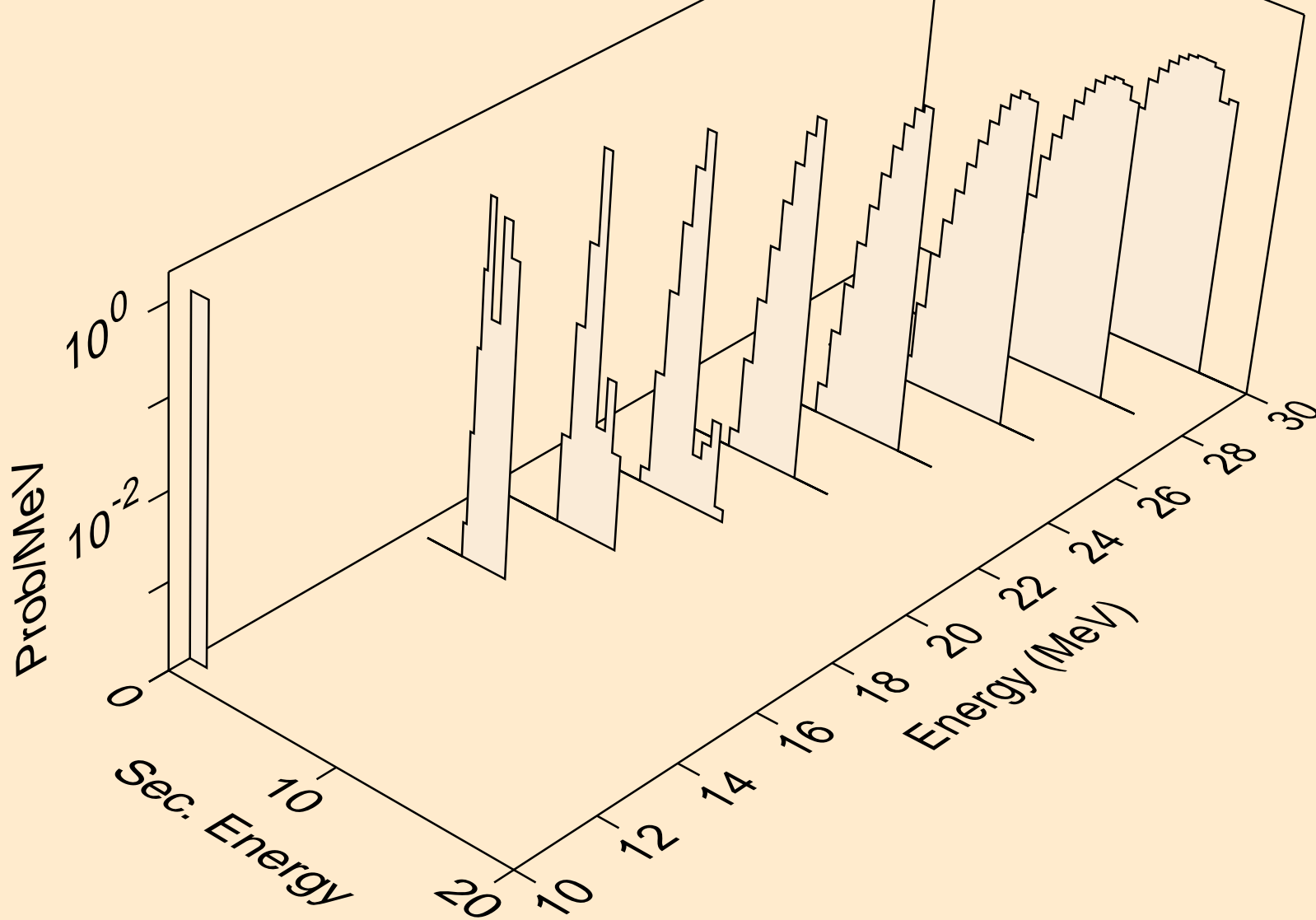
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he3s from (n,x)



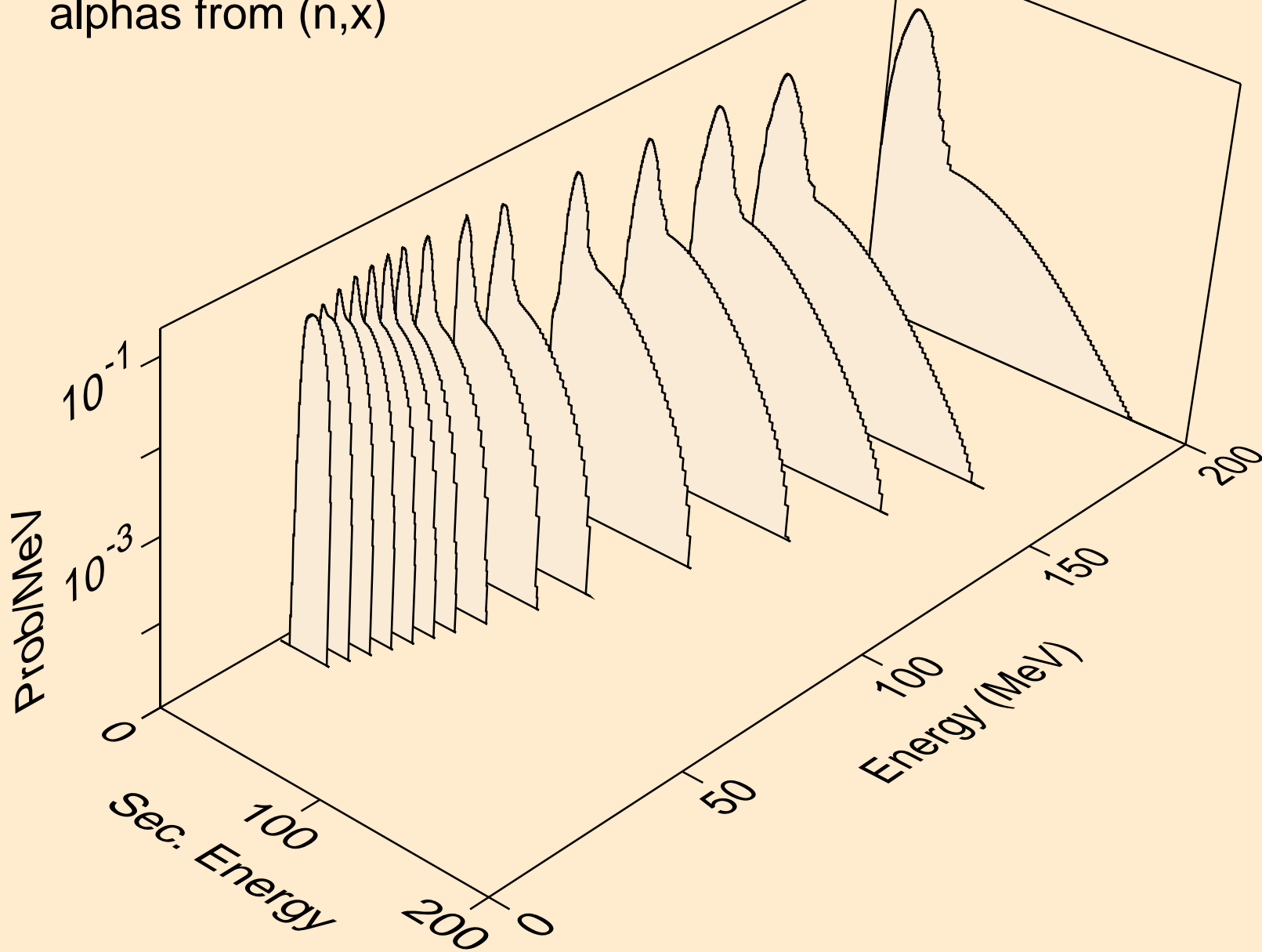
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he3s from (n,n*)he3



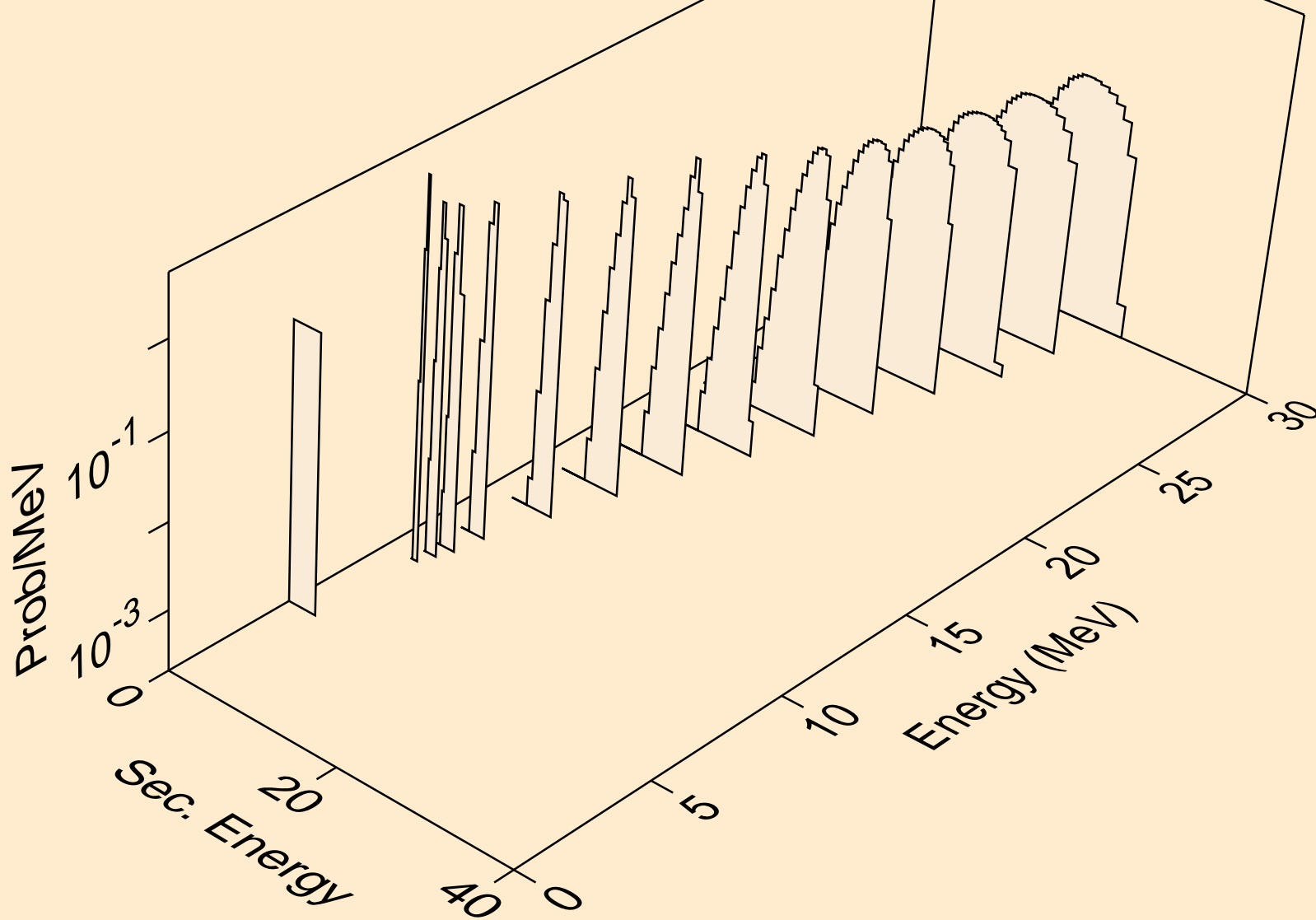
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he3s from (n,he3)



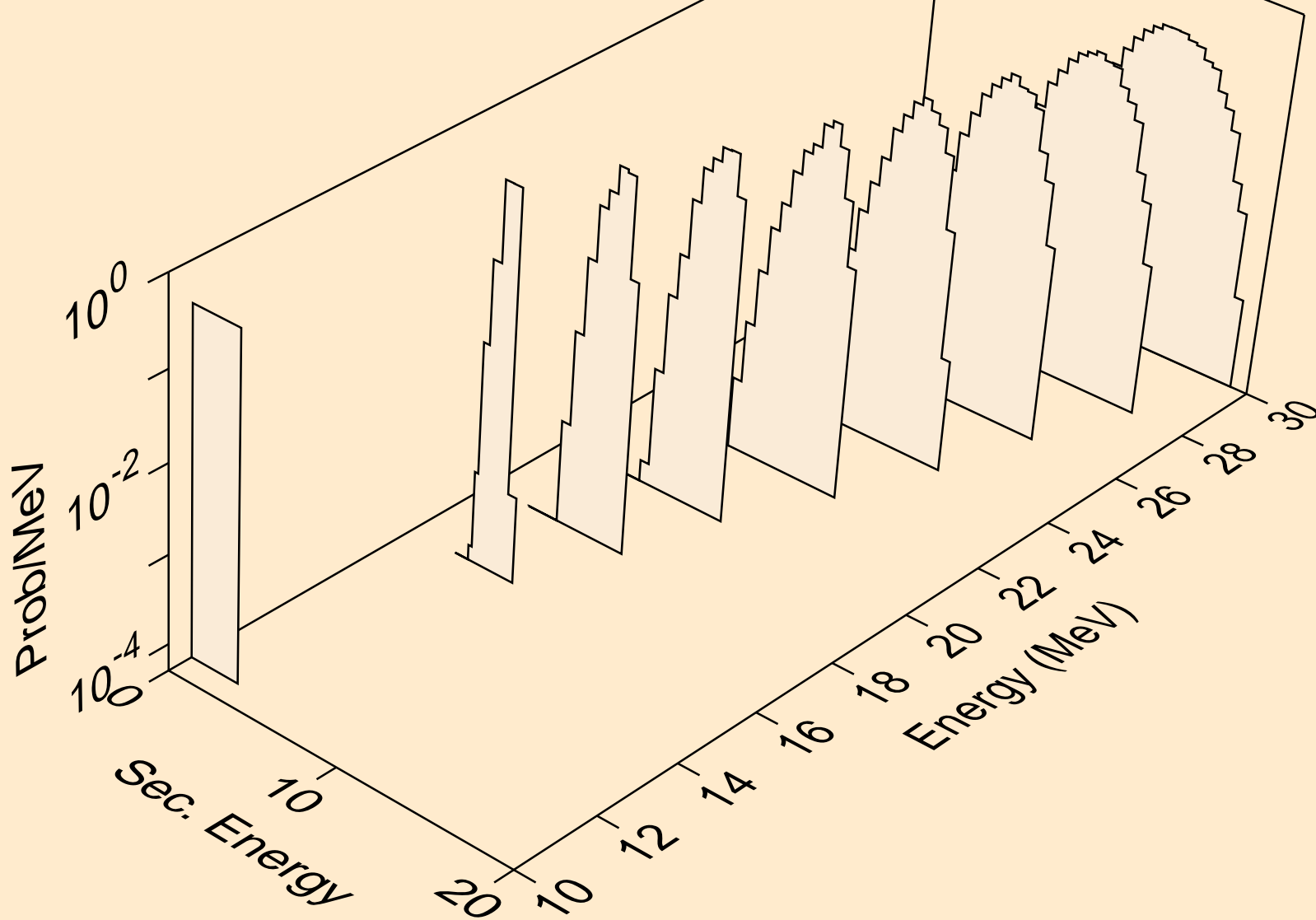
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alphas from (n,x)



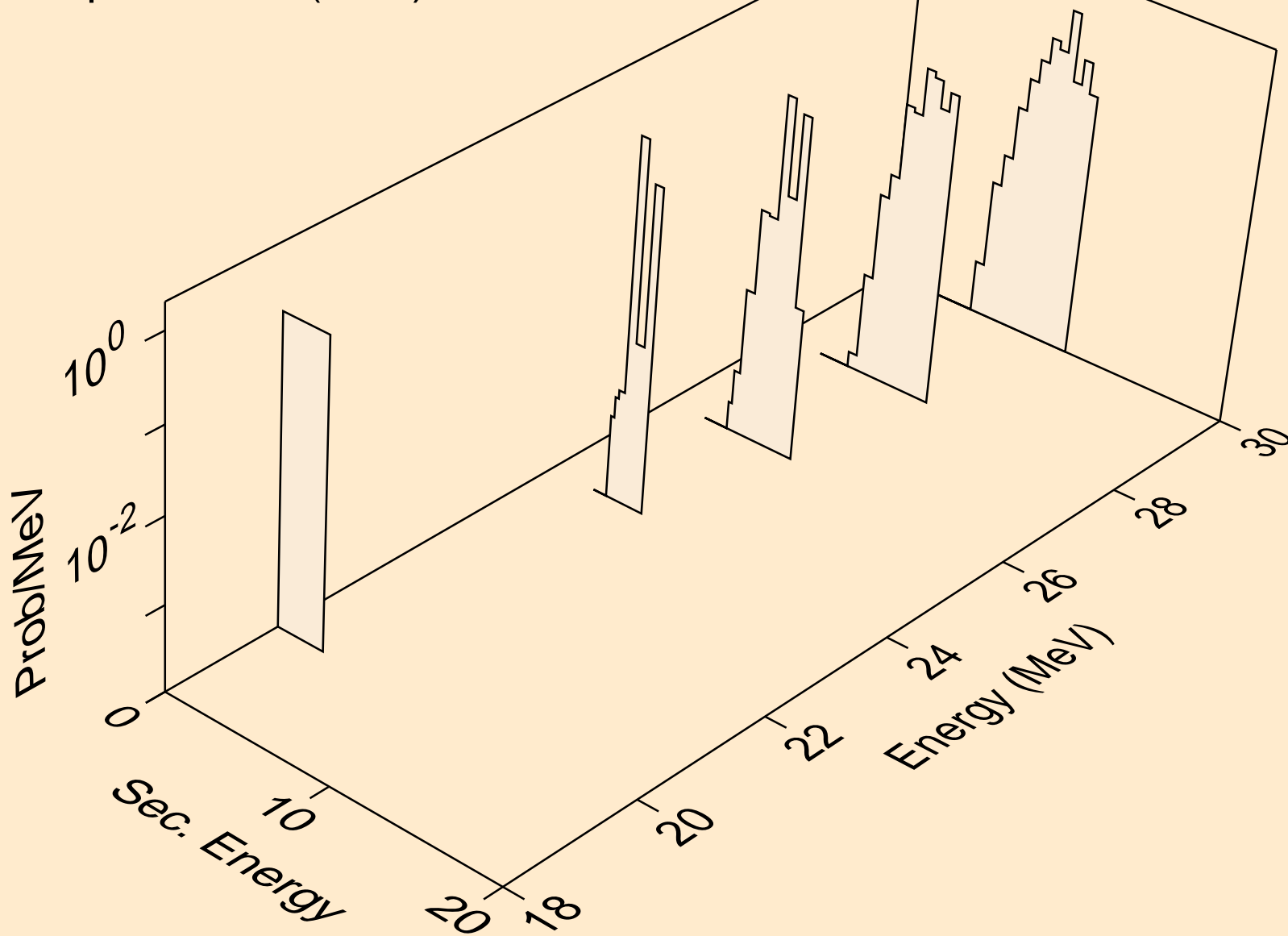
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alphas from (n,n*)a



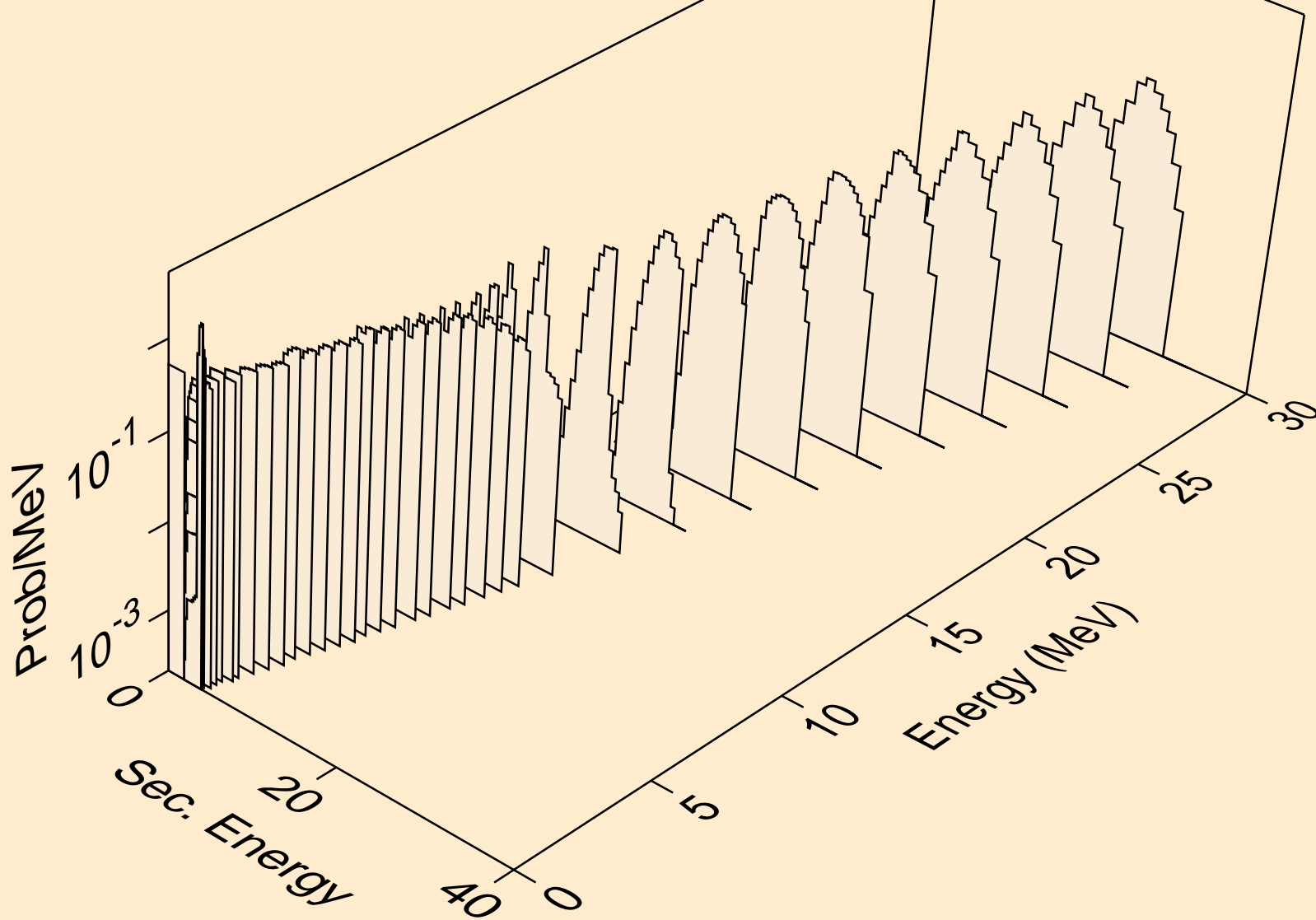
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alphas from (n,2n)a



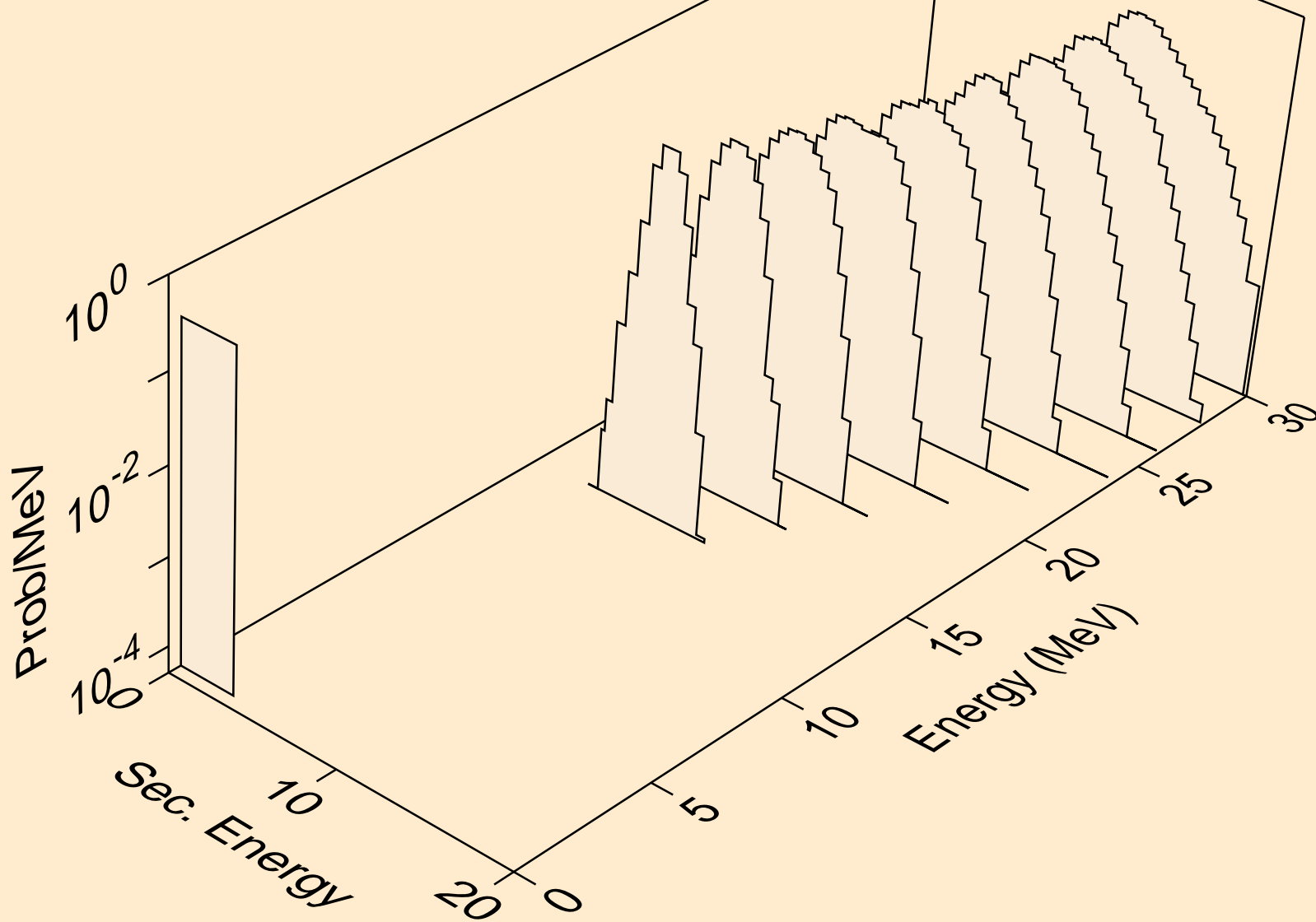
SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



SN119M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)

