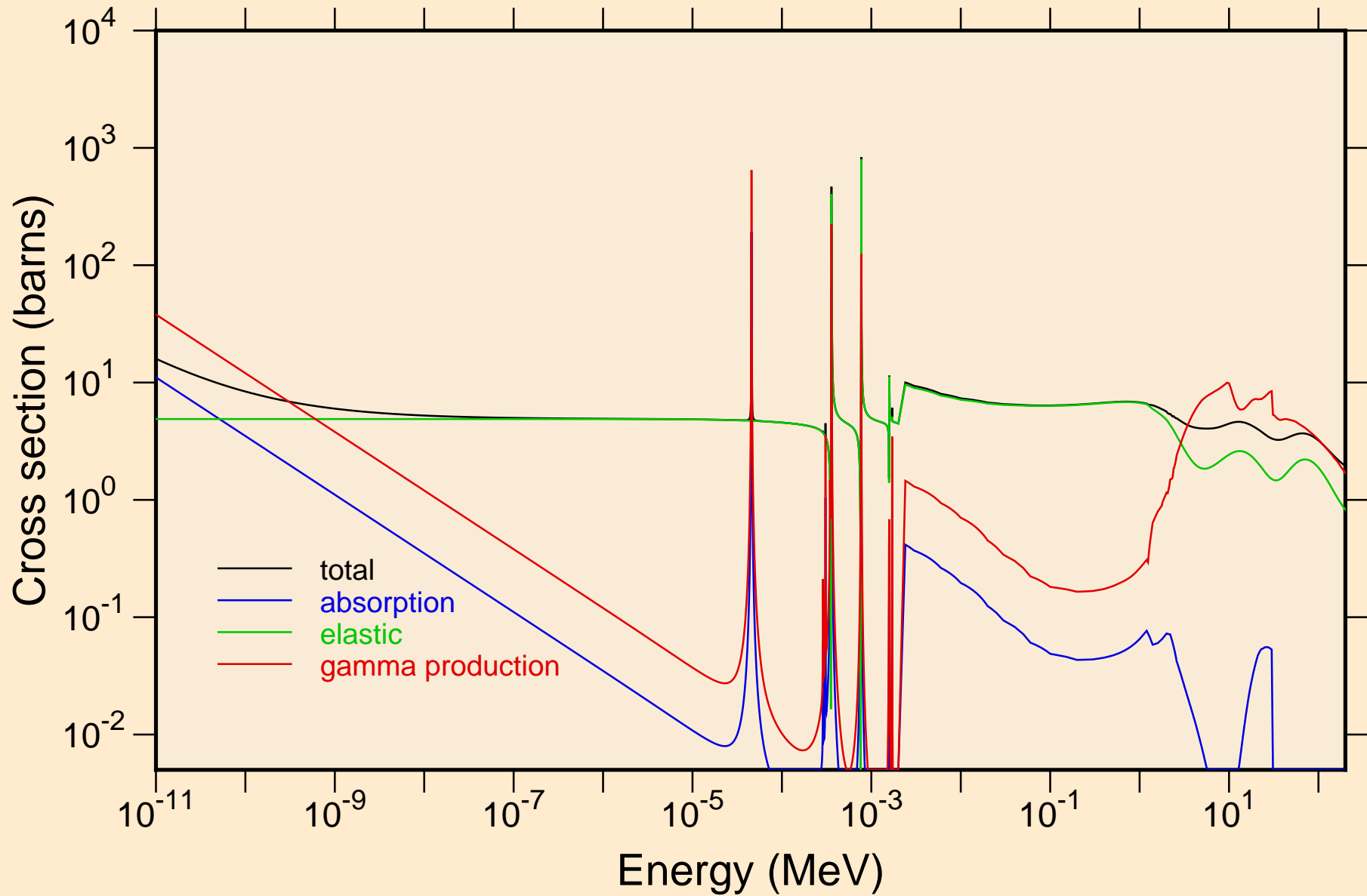
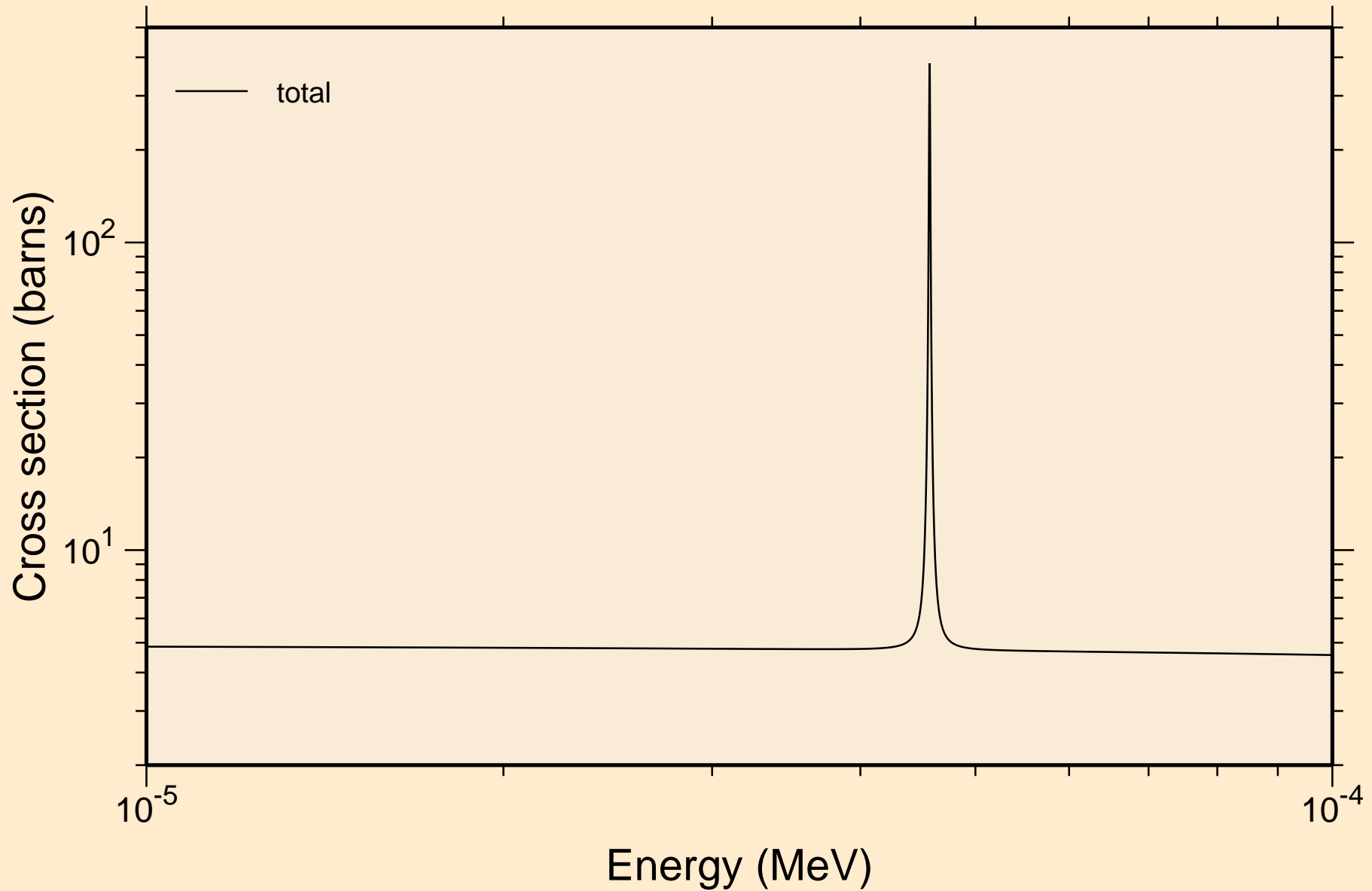


SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

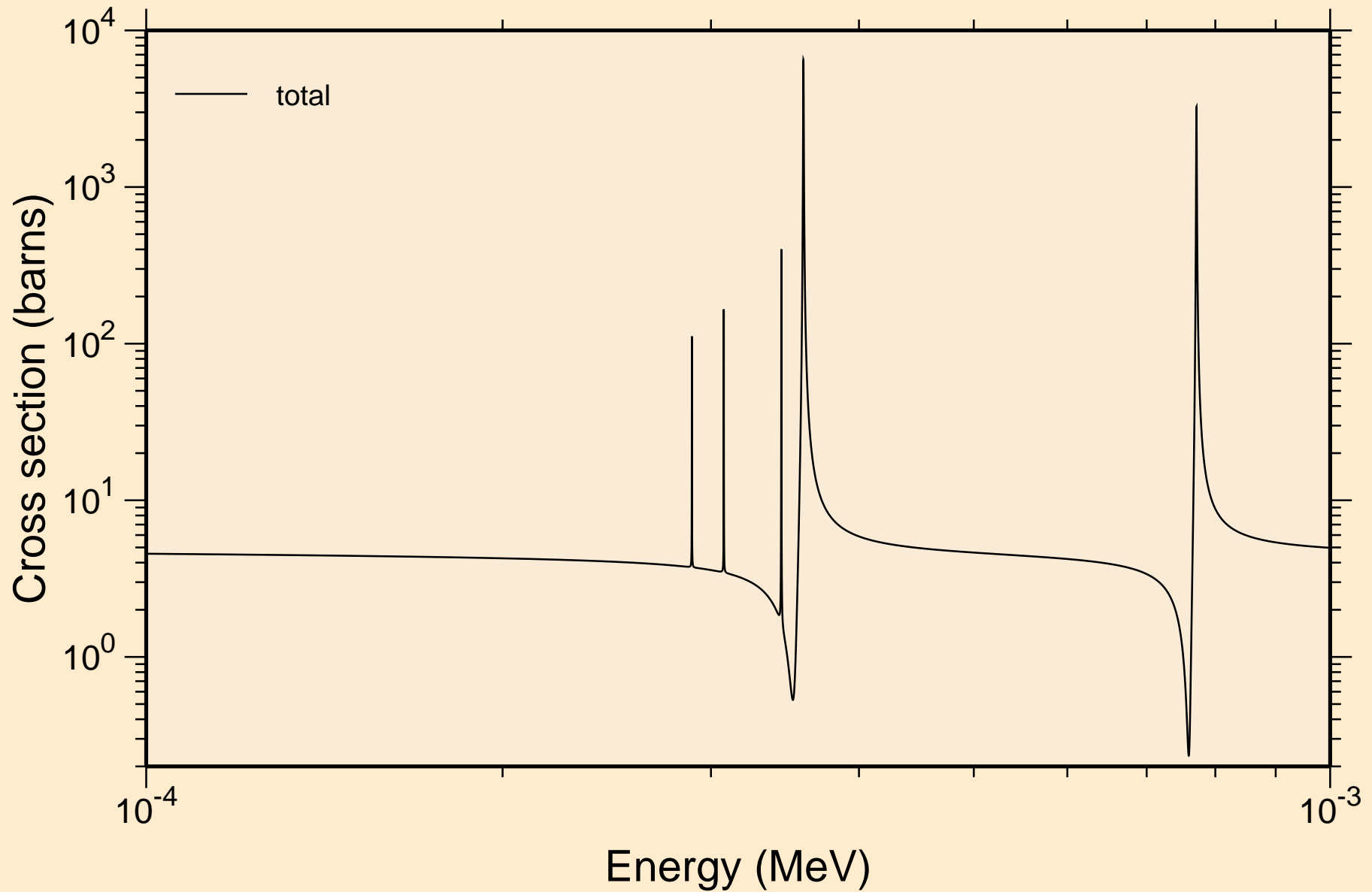
Principal cross sections



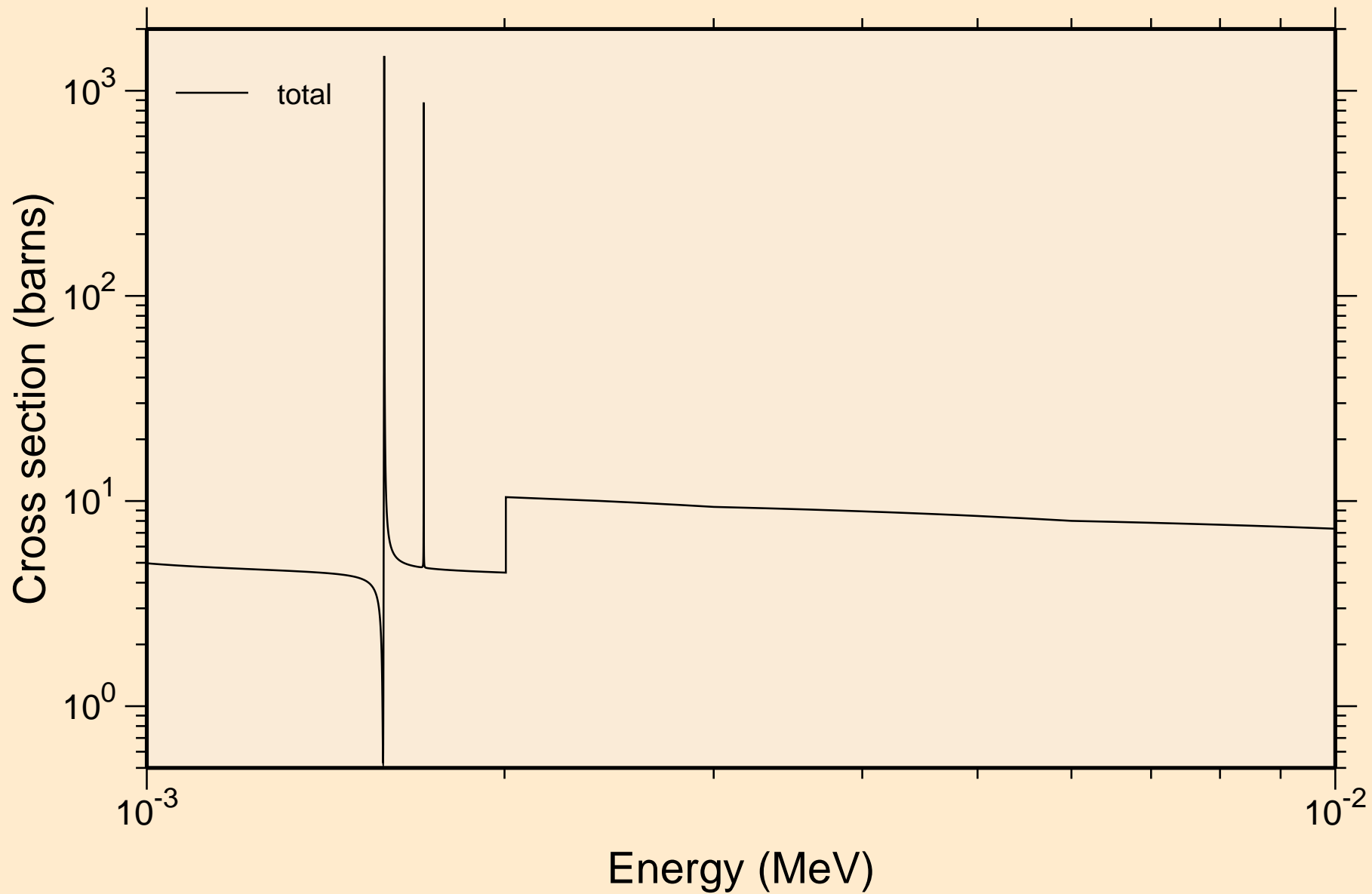
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resonance total cross section



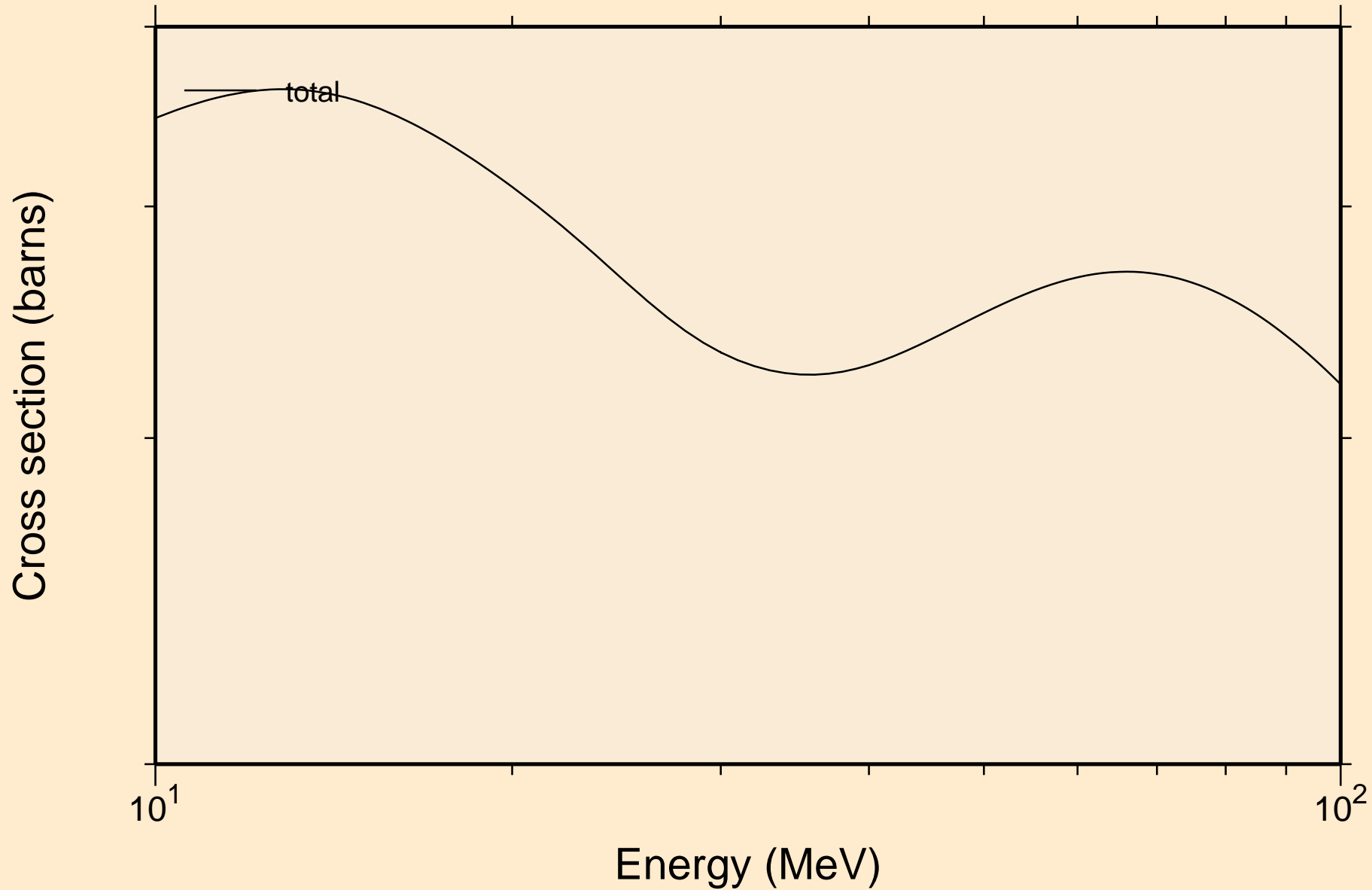
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



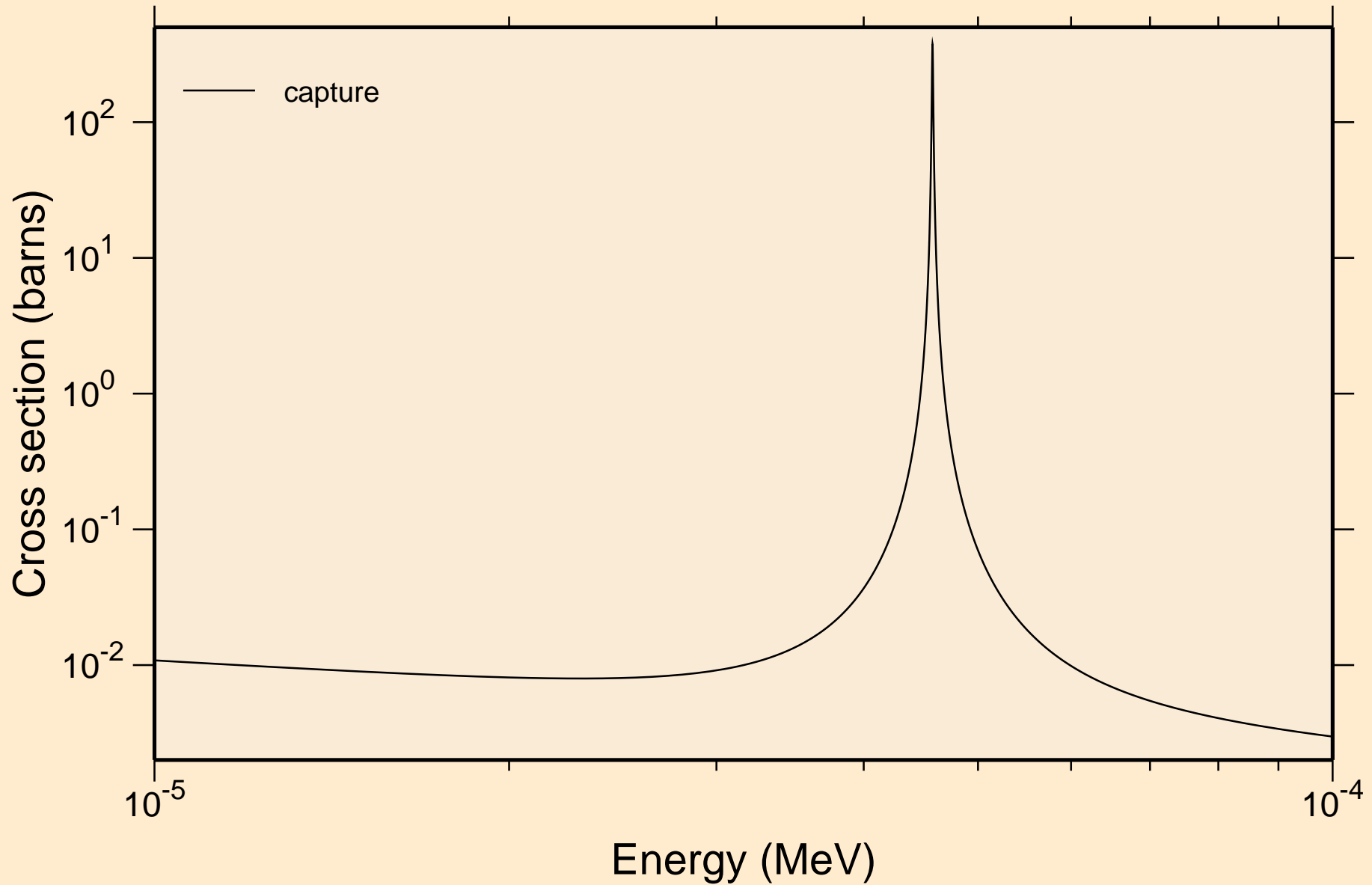
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



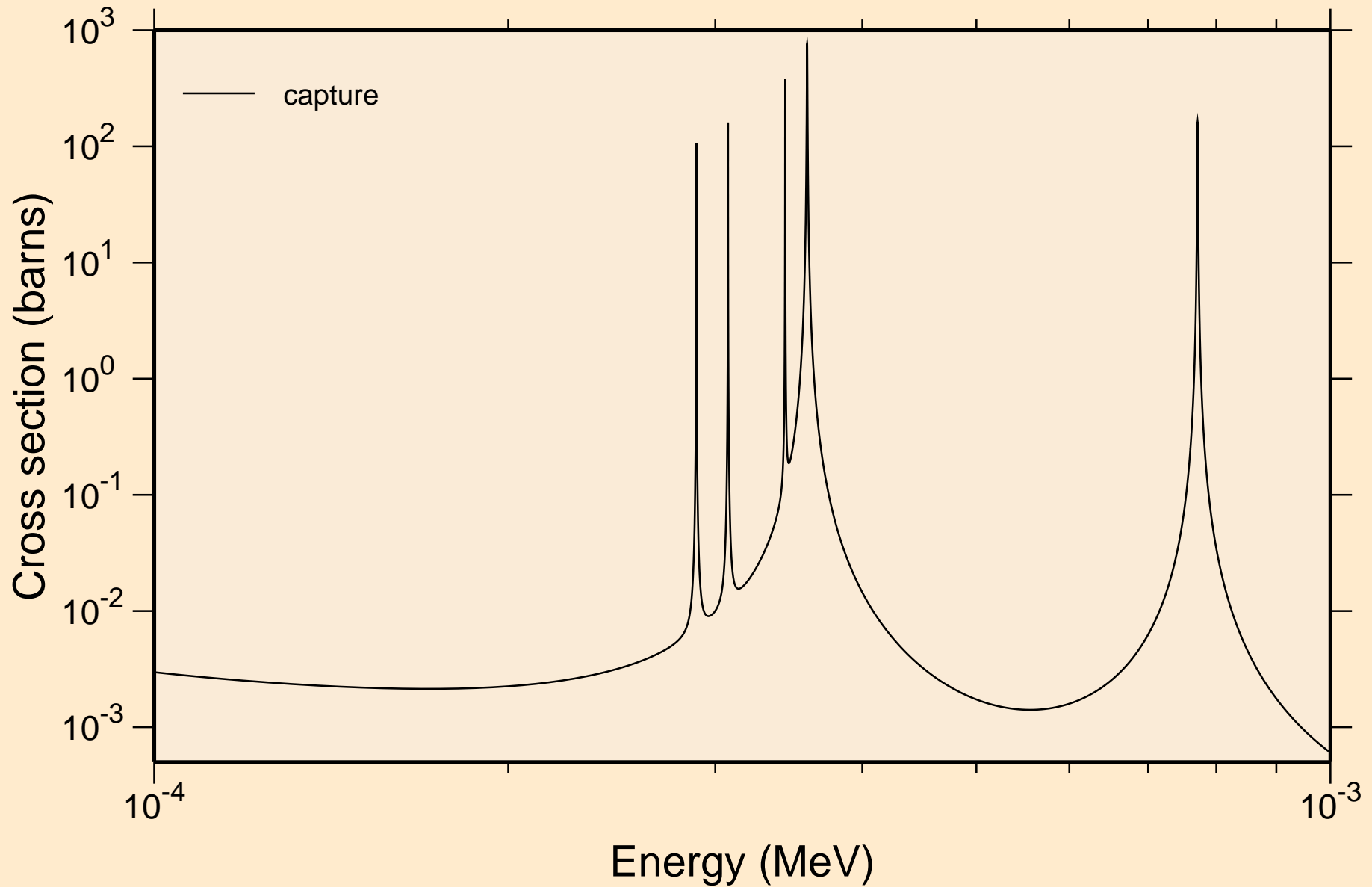
S_N118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



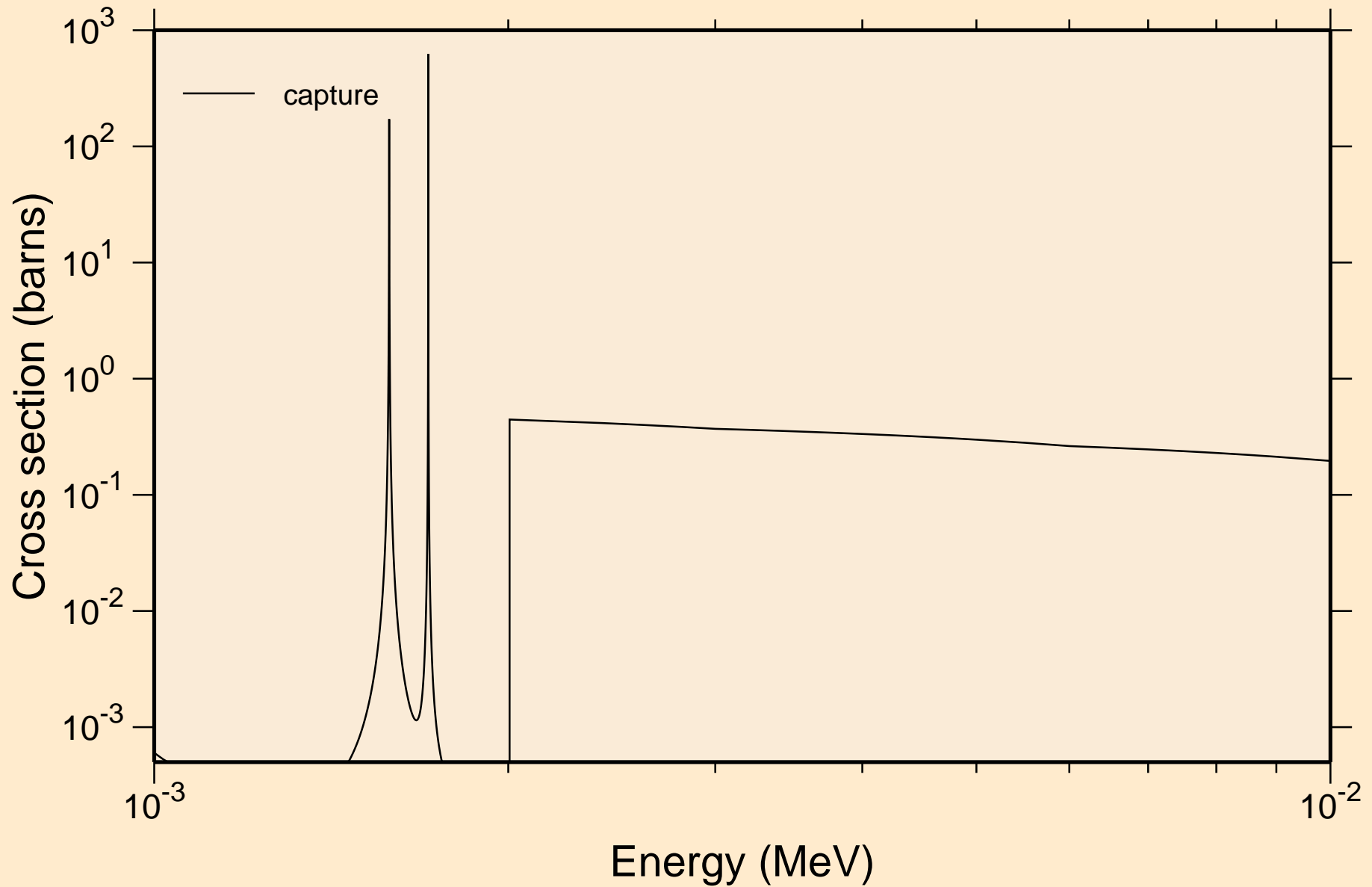
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



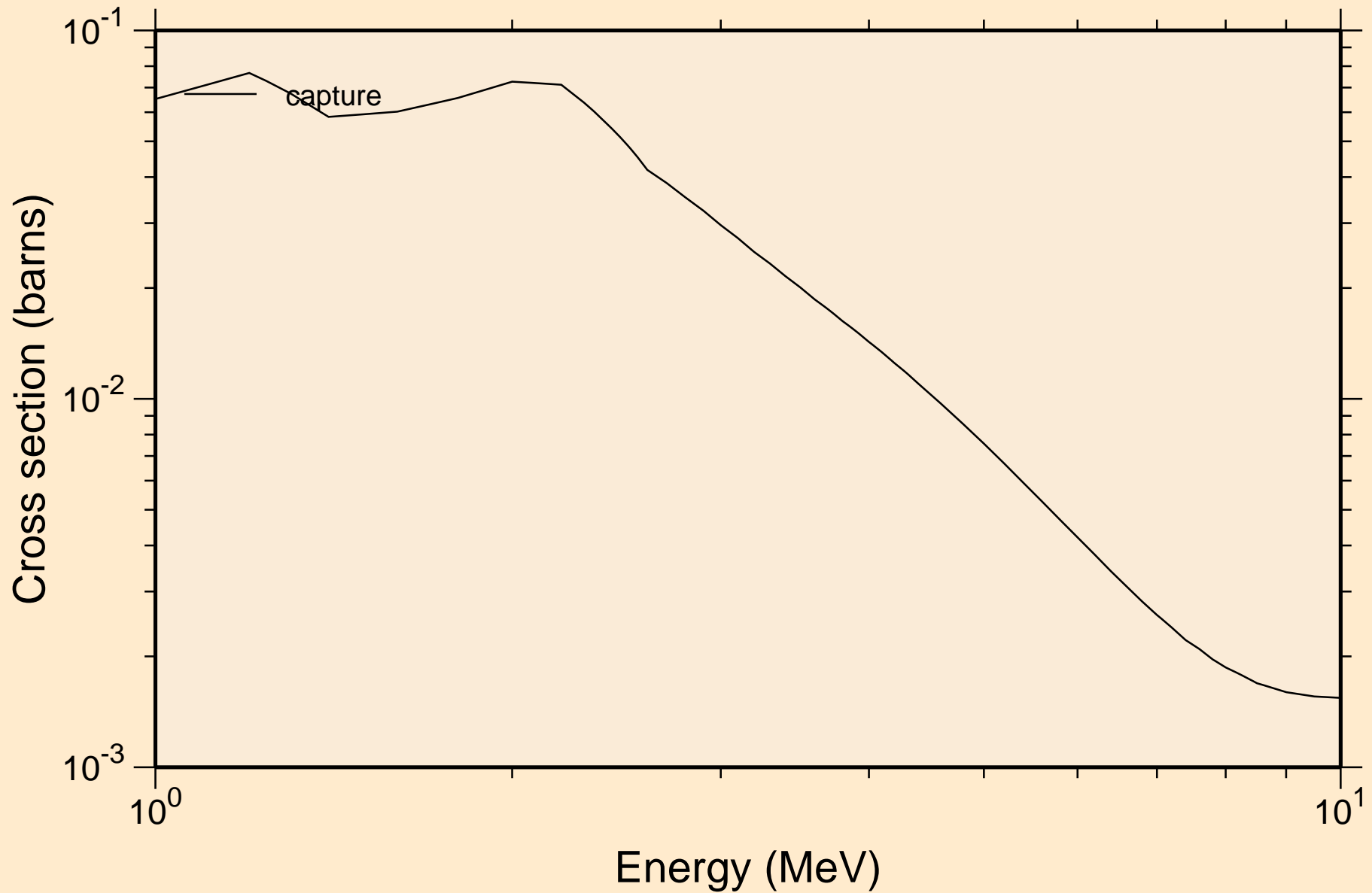
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



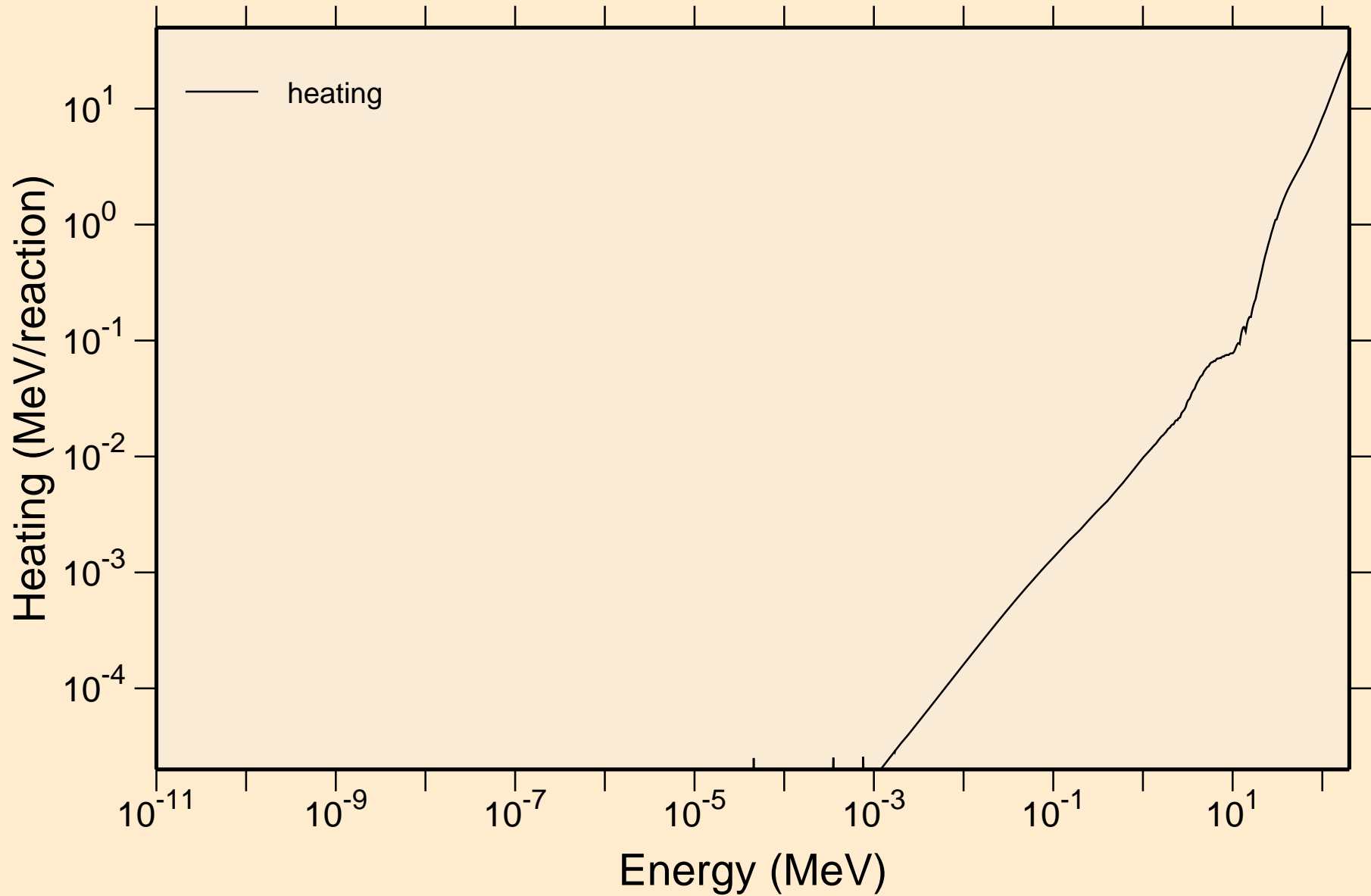
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

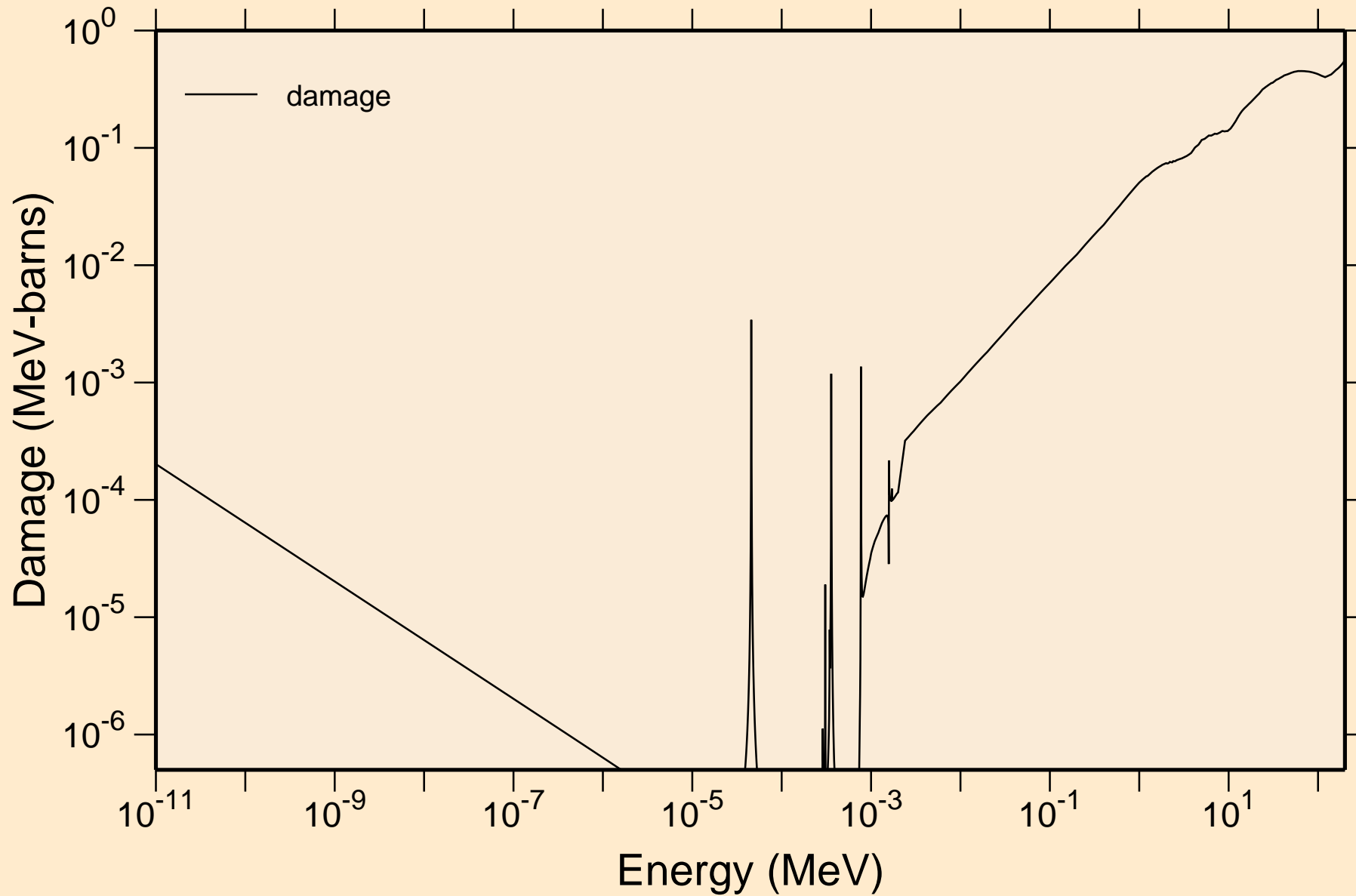


SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



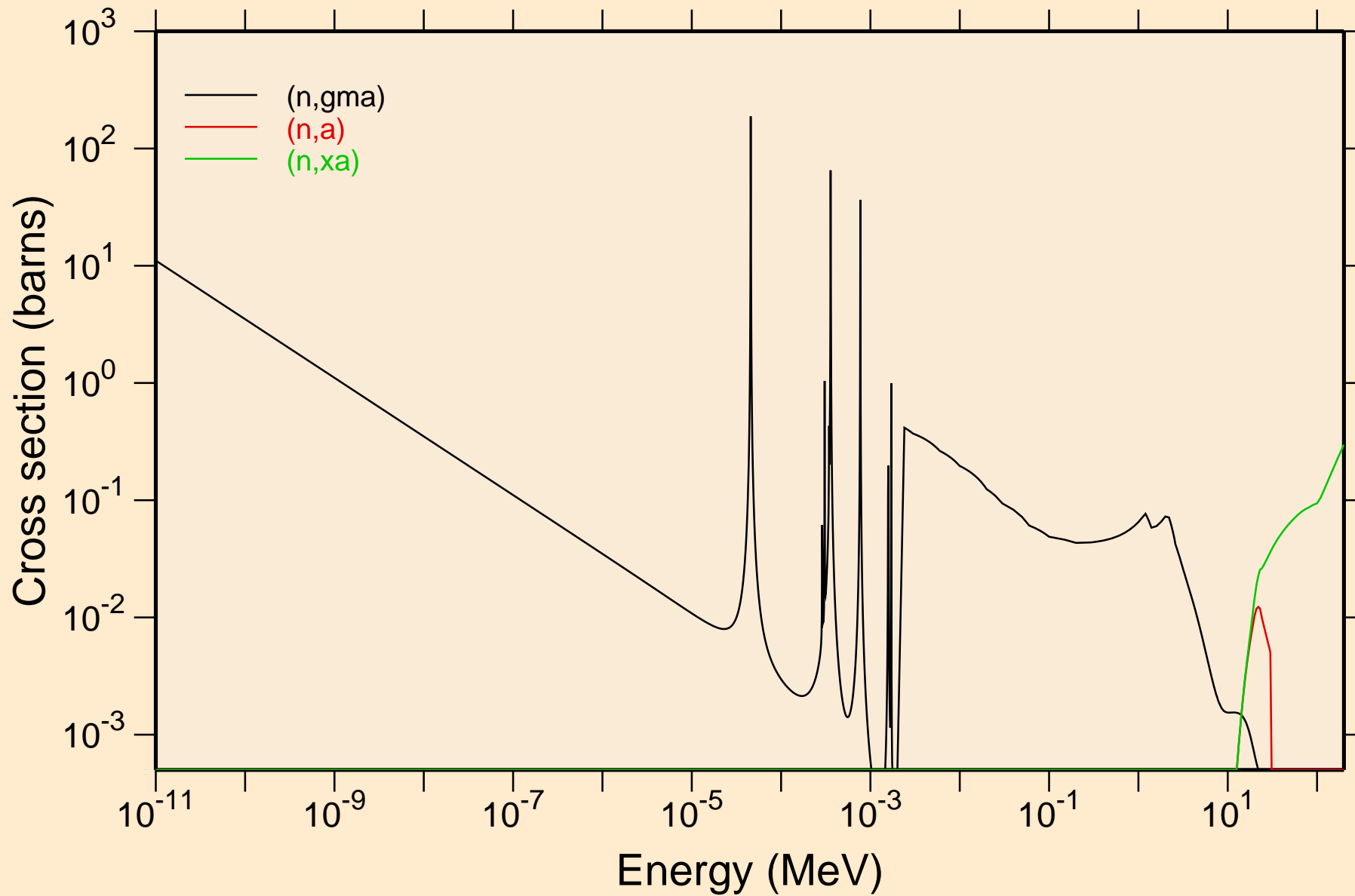
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Damage



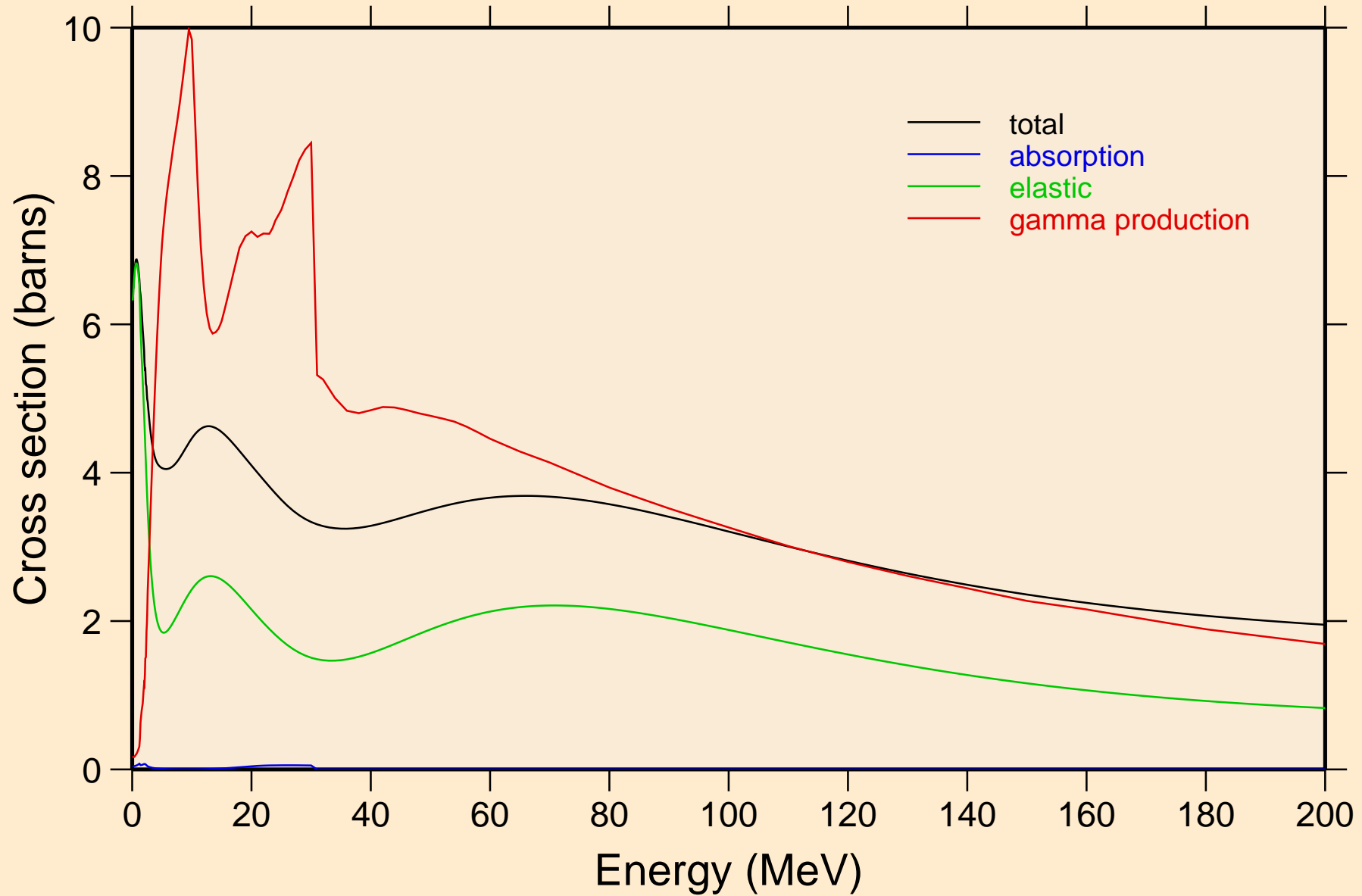
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



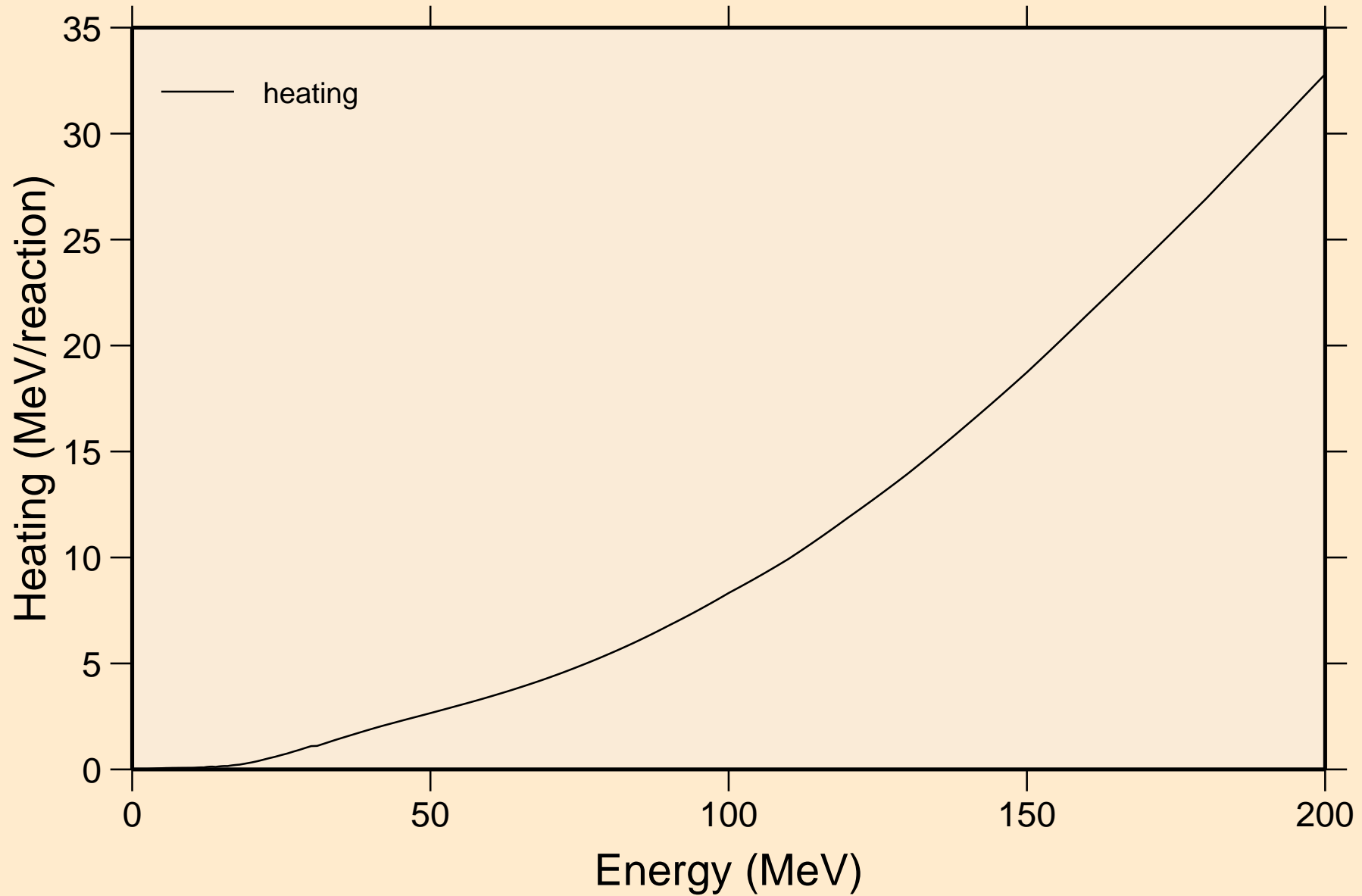
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Principal cross sections



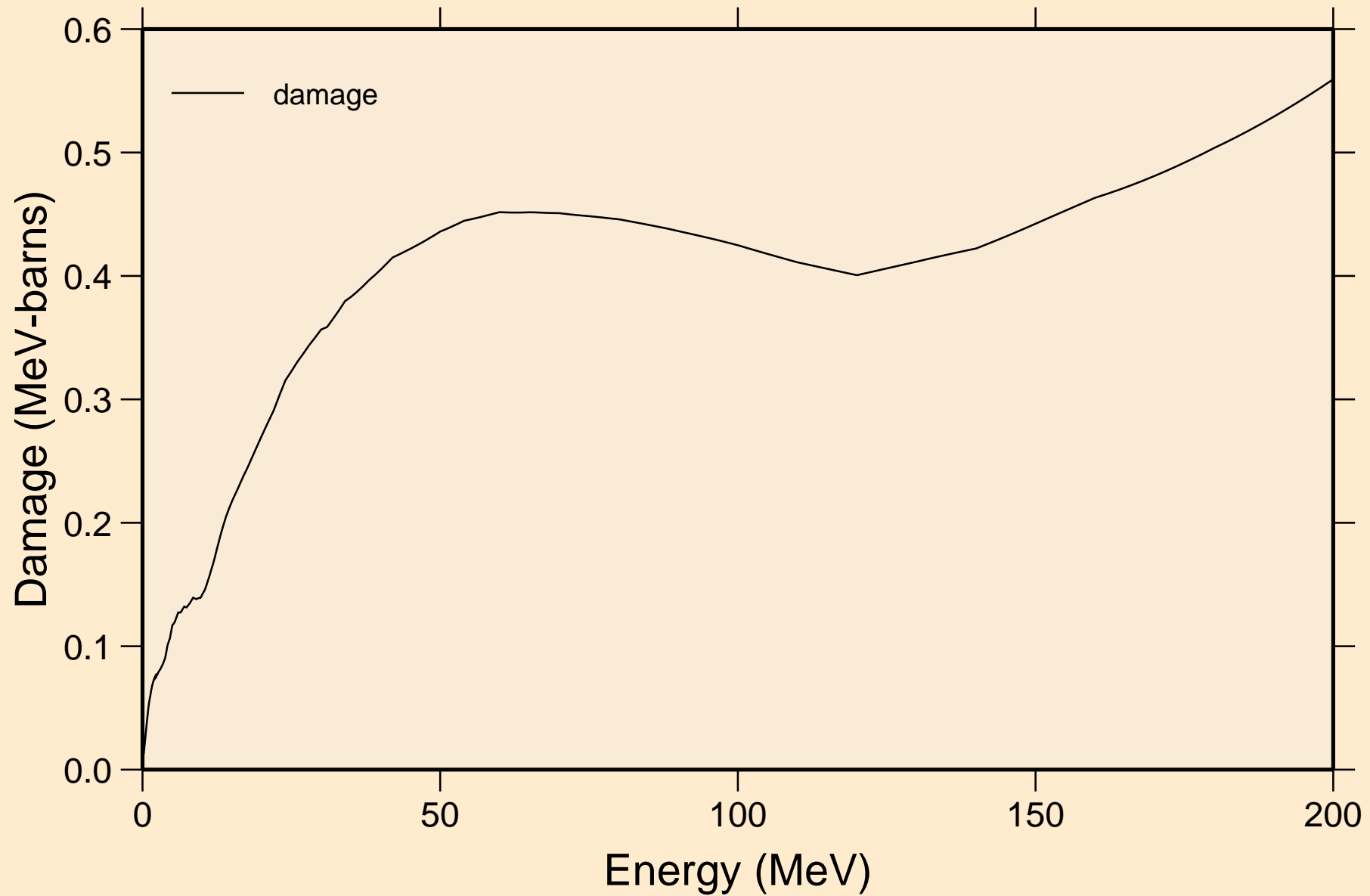
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Heating



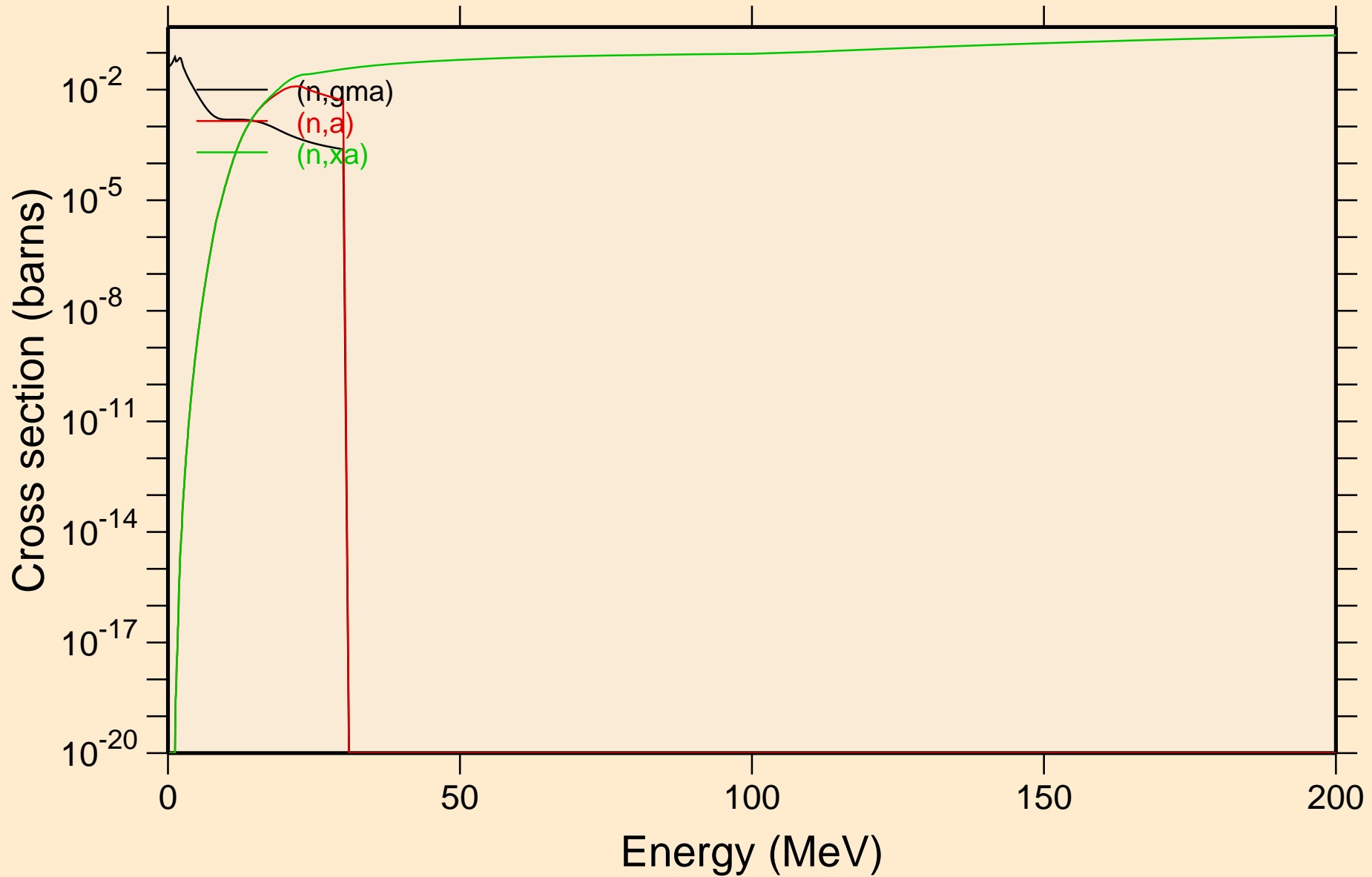
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Damage



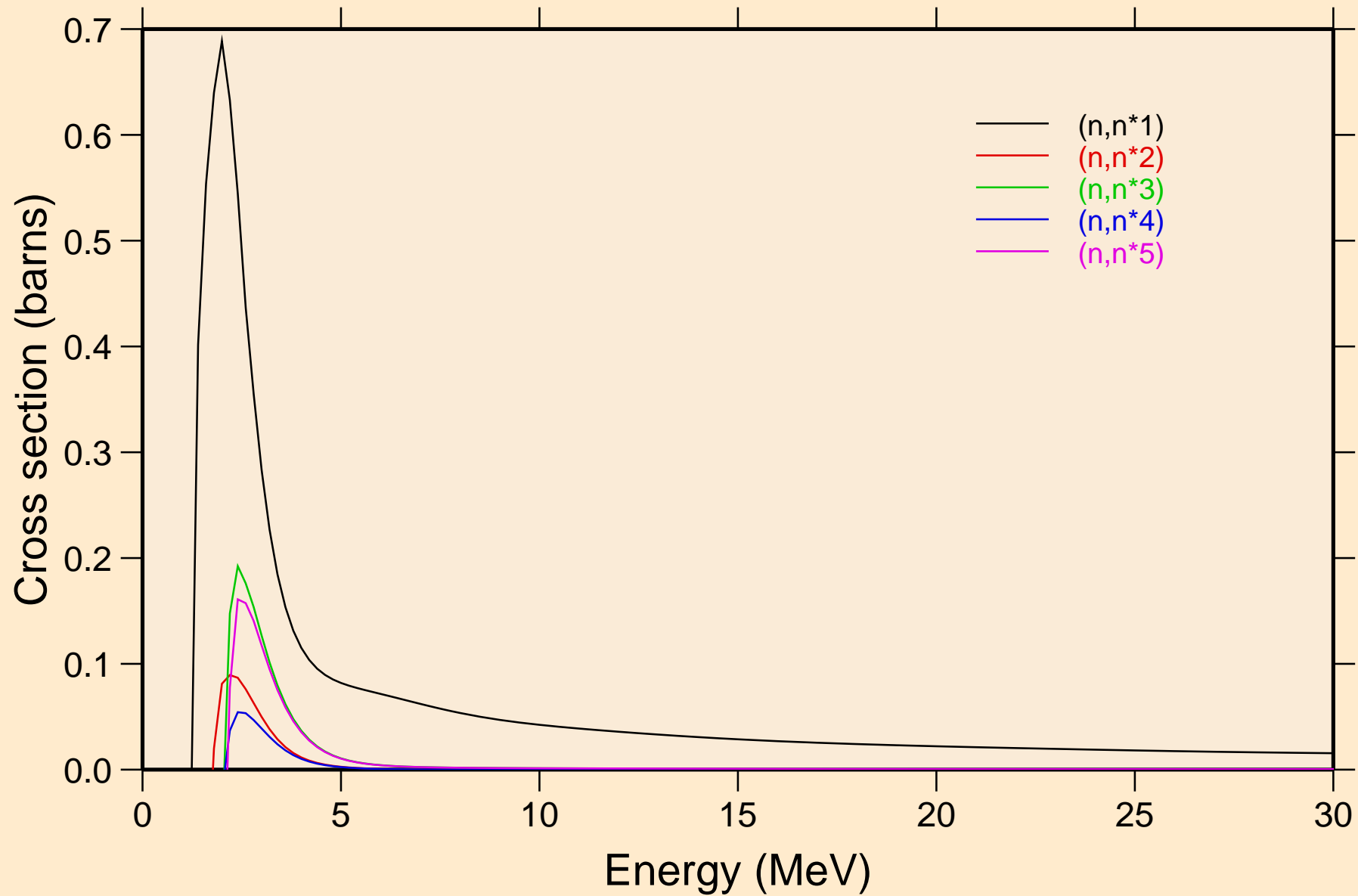
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Non-threshold reactions



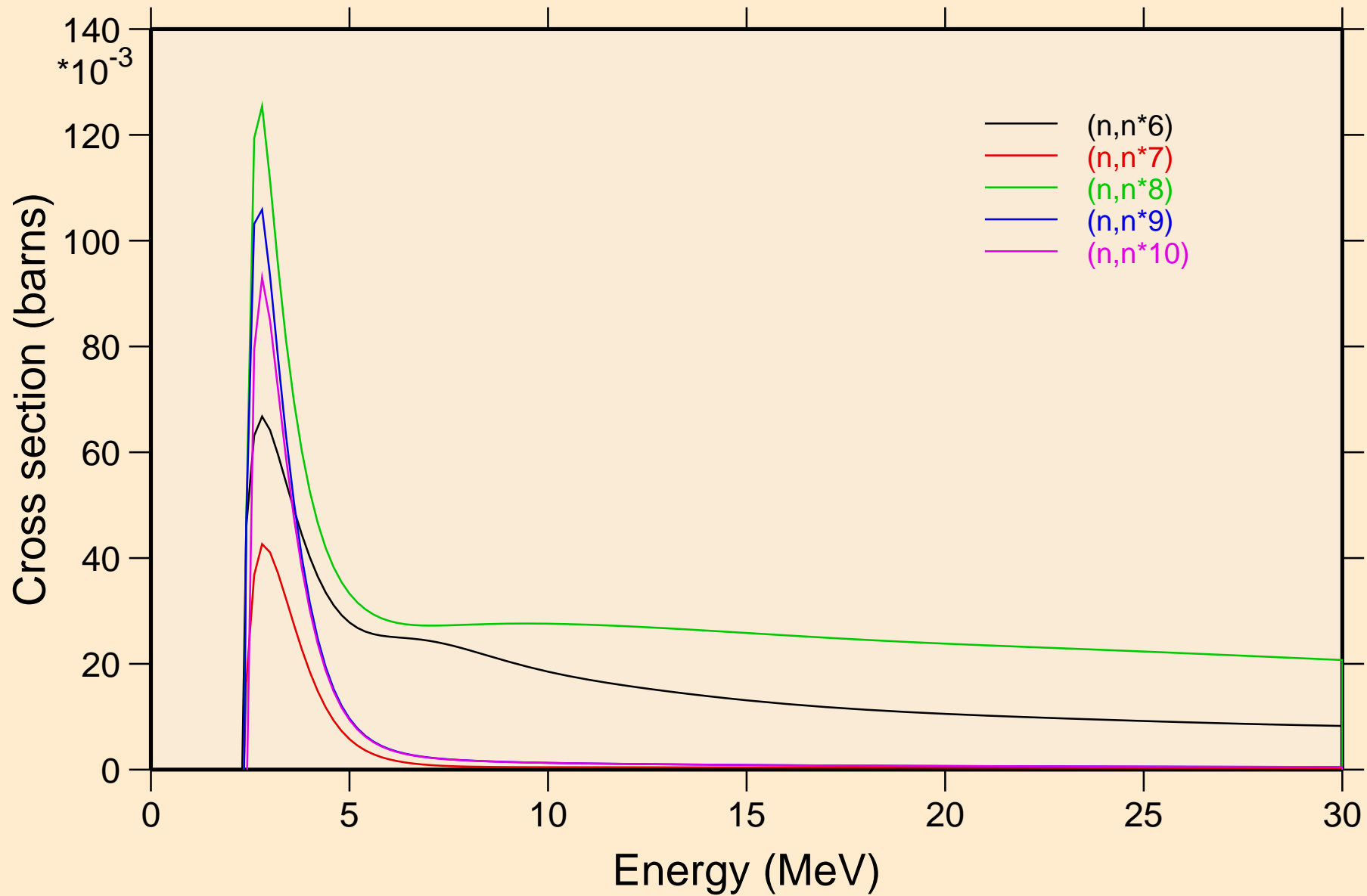
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Inelastic levels



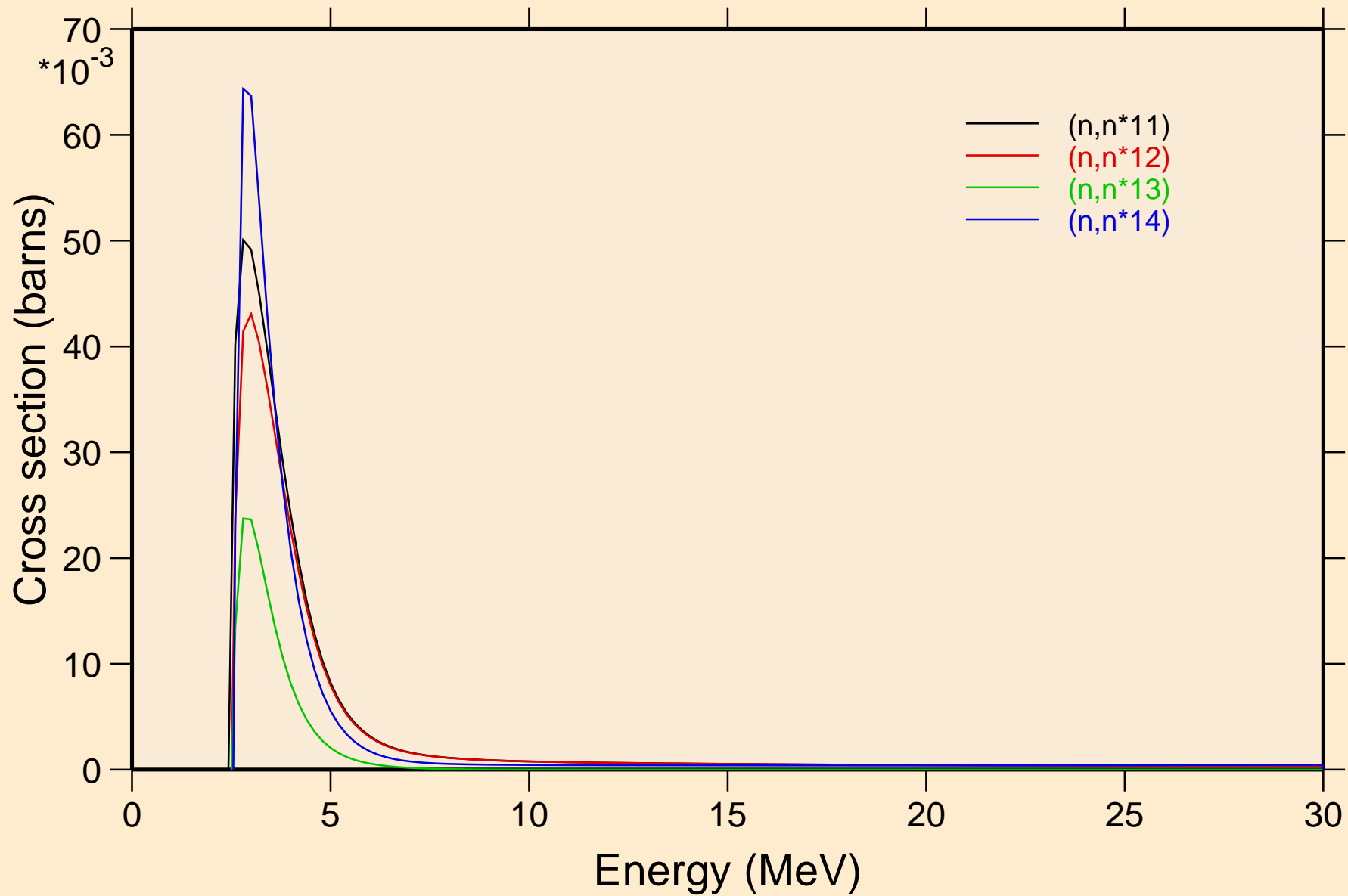
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



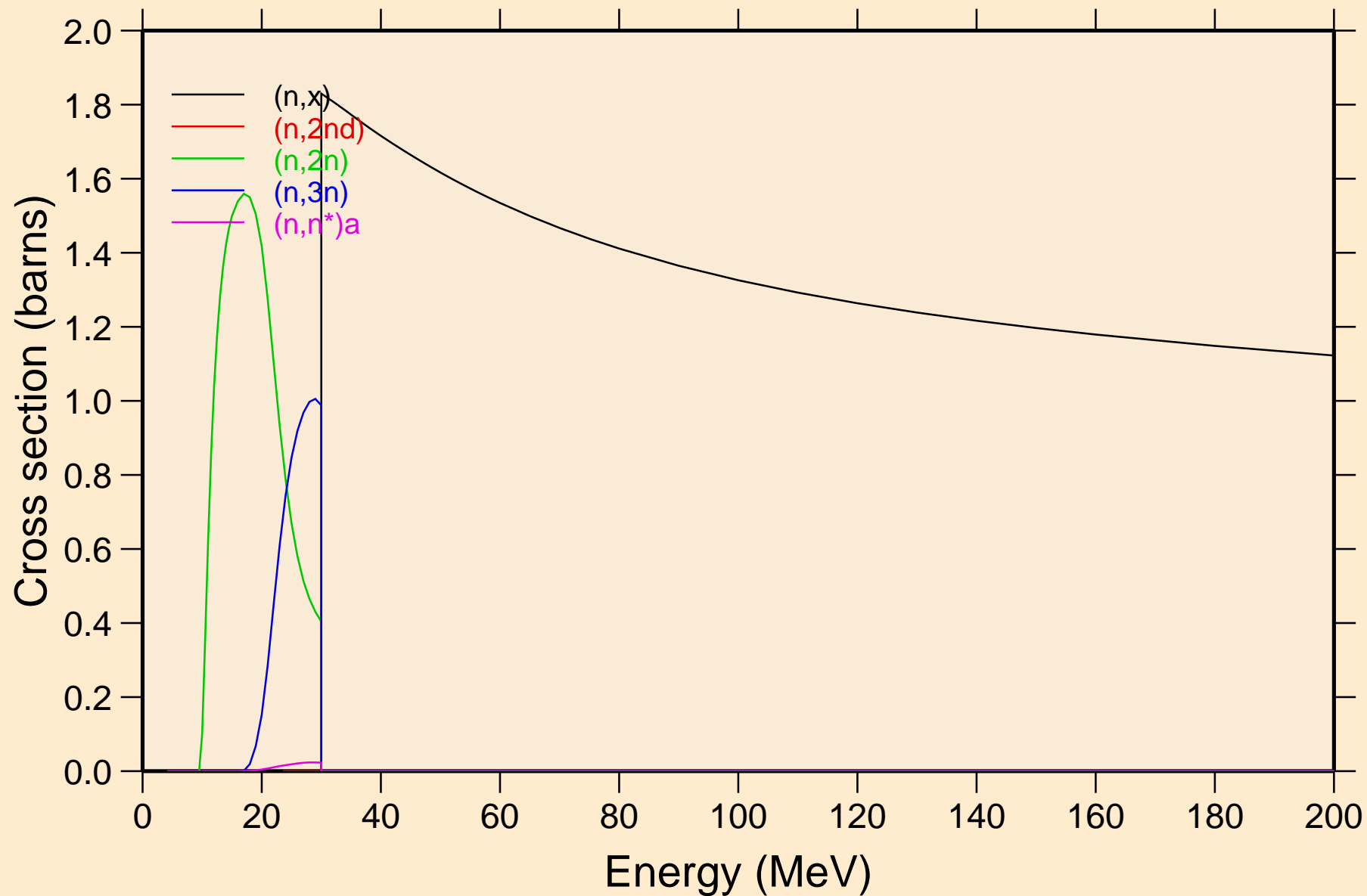
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Inelastic levels



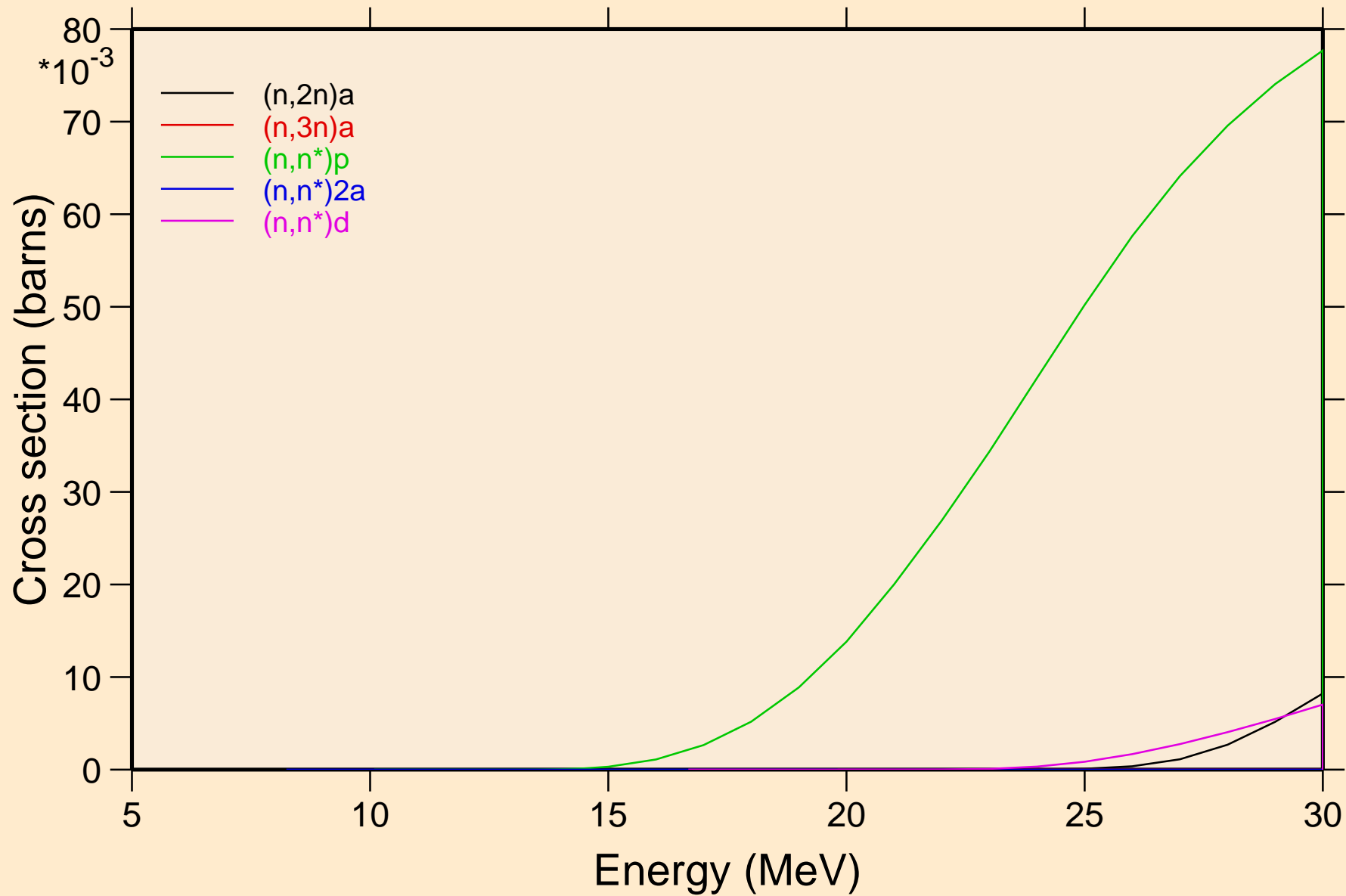
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



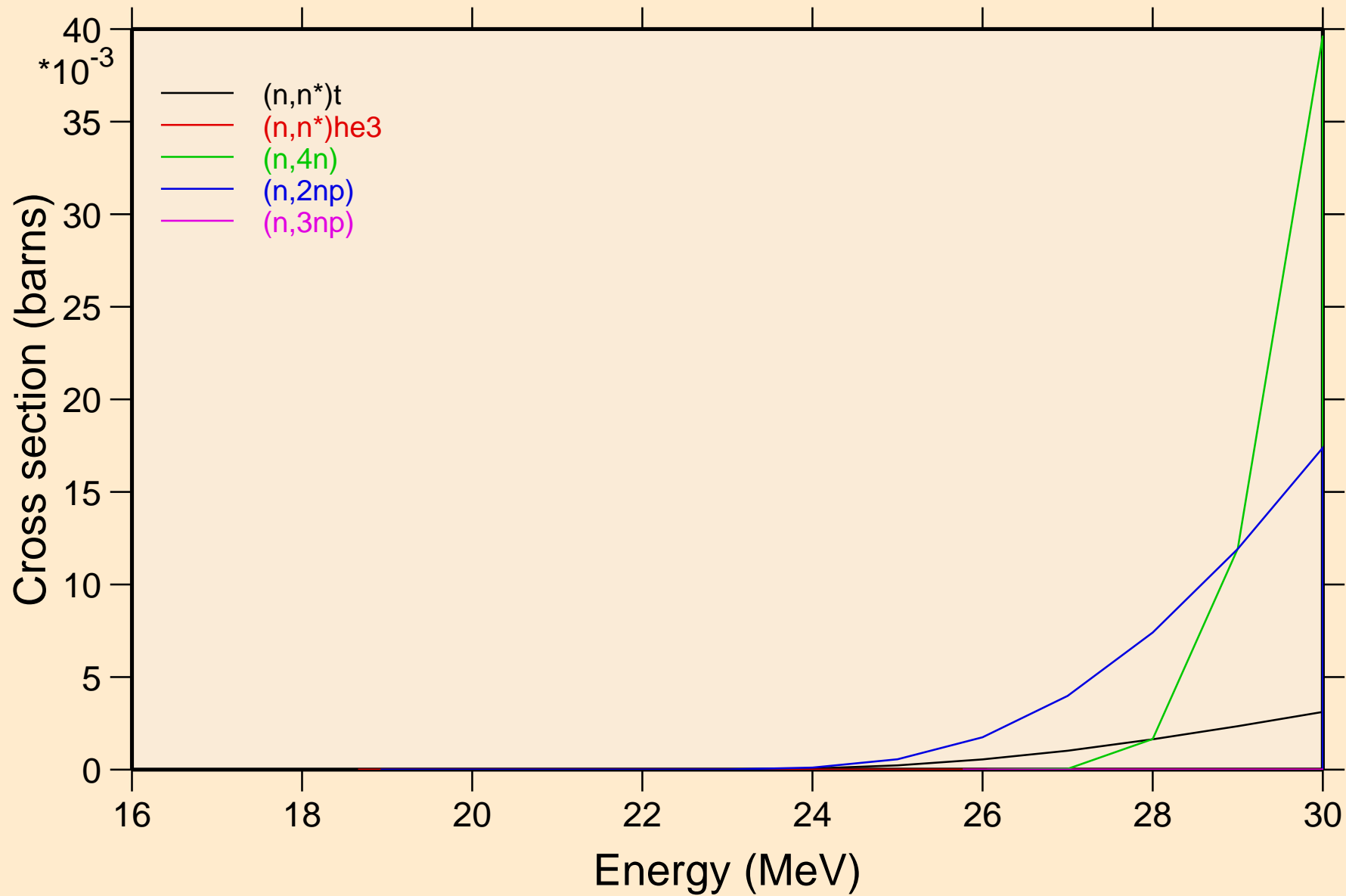
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



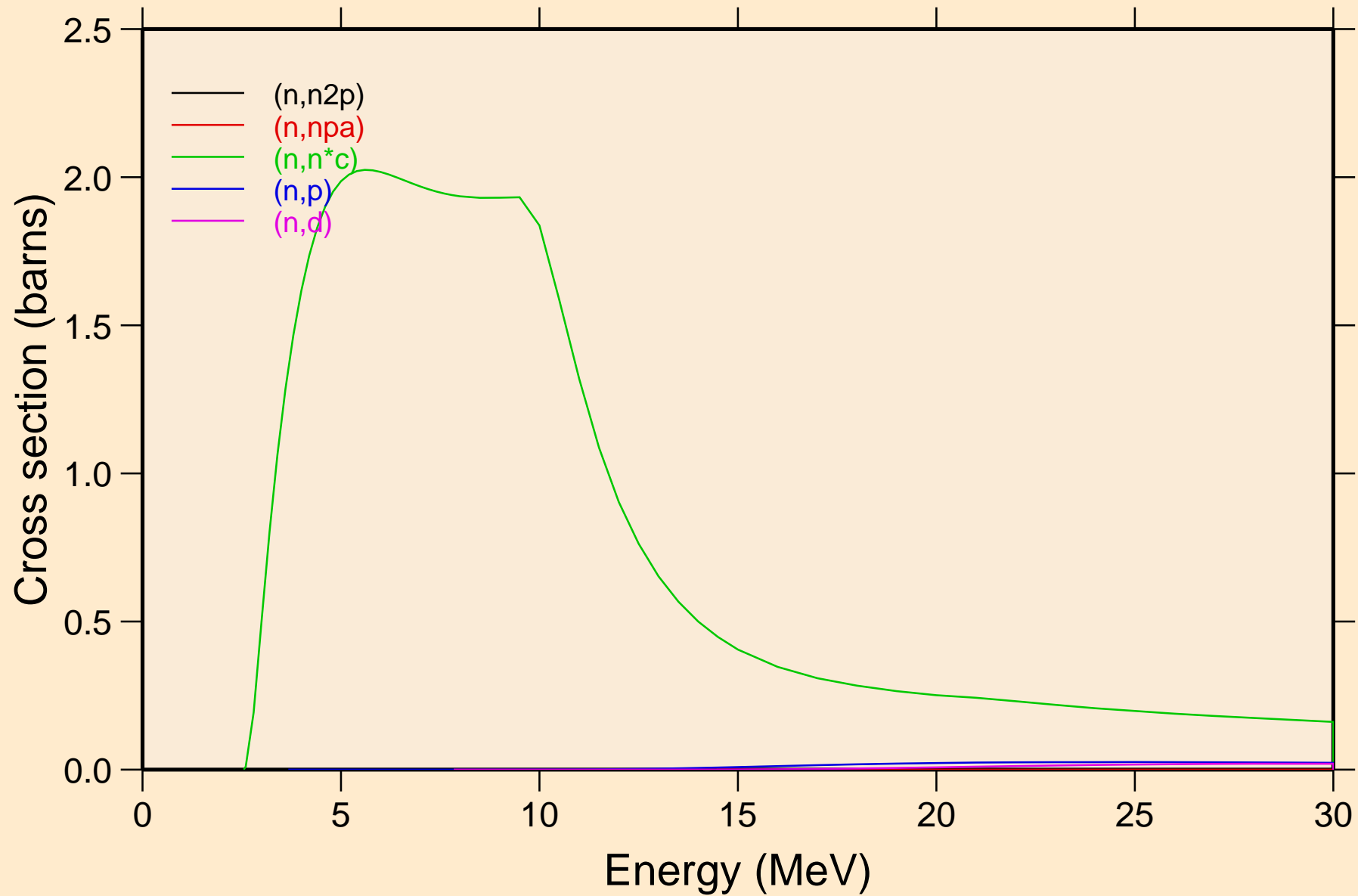
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



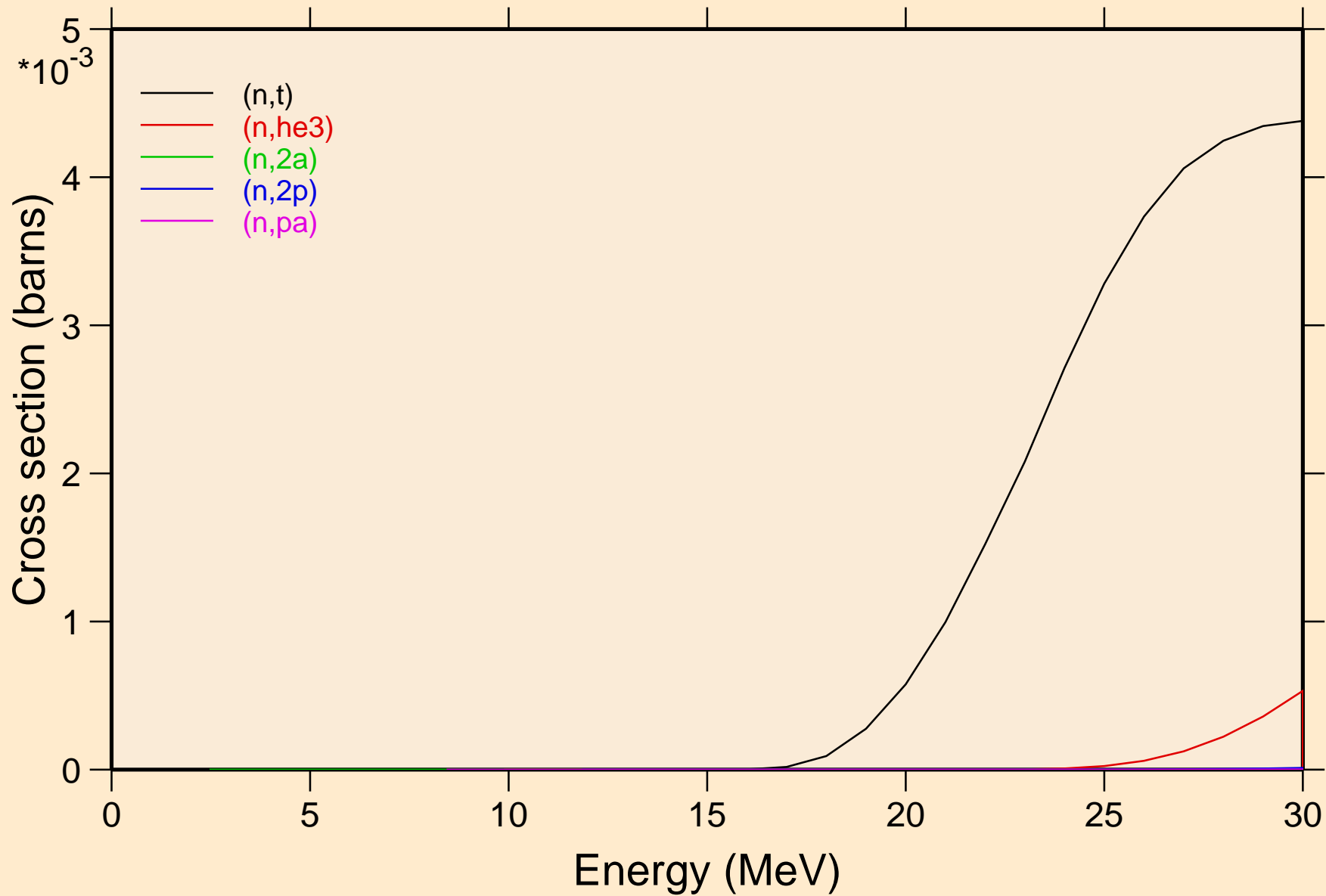
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



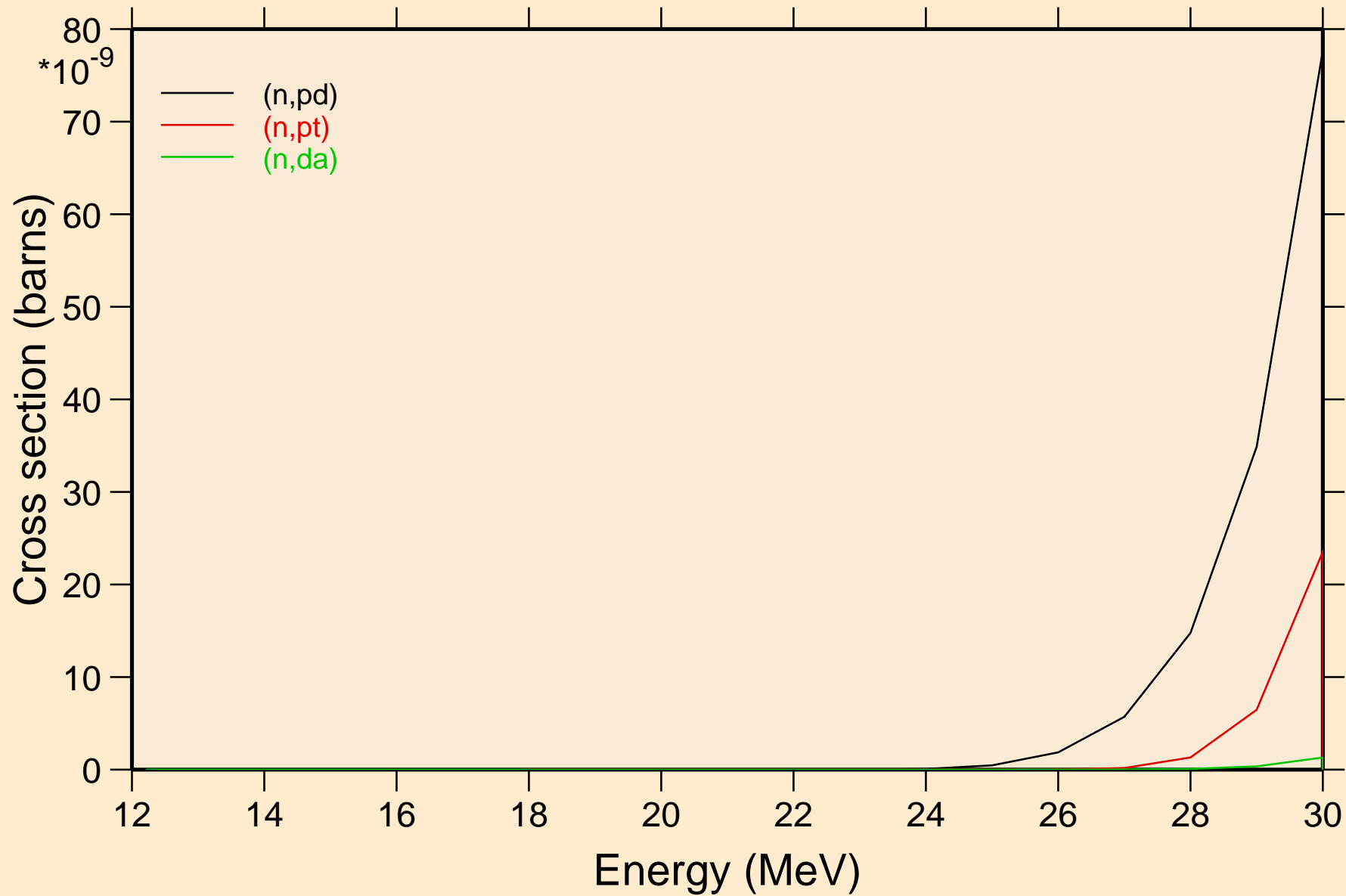
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



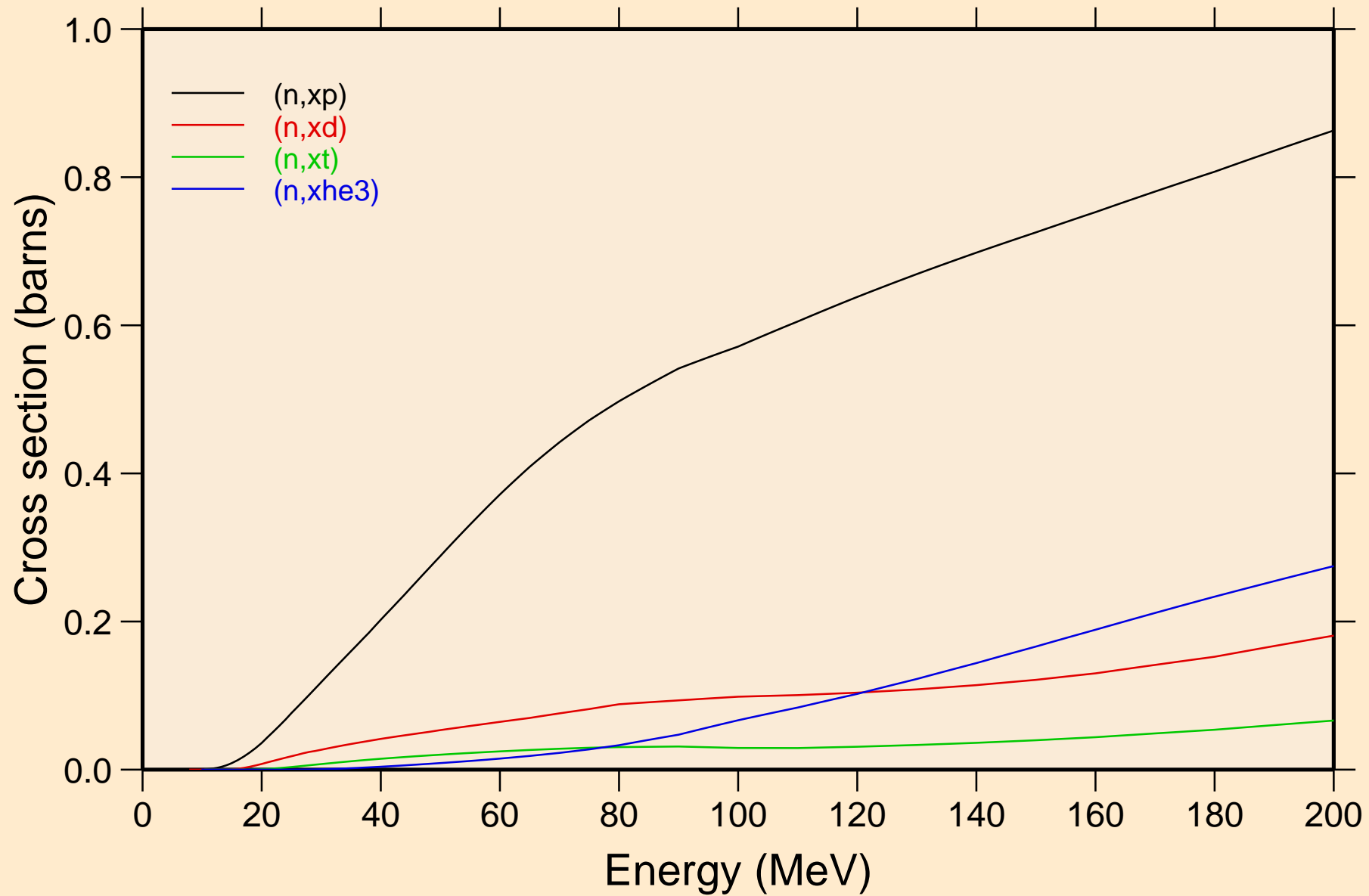
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

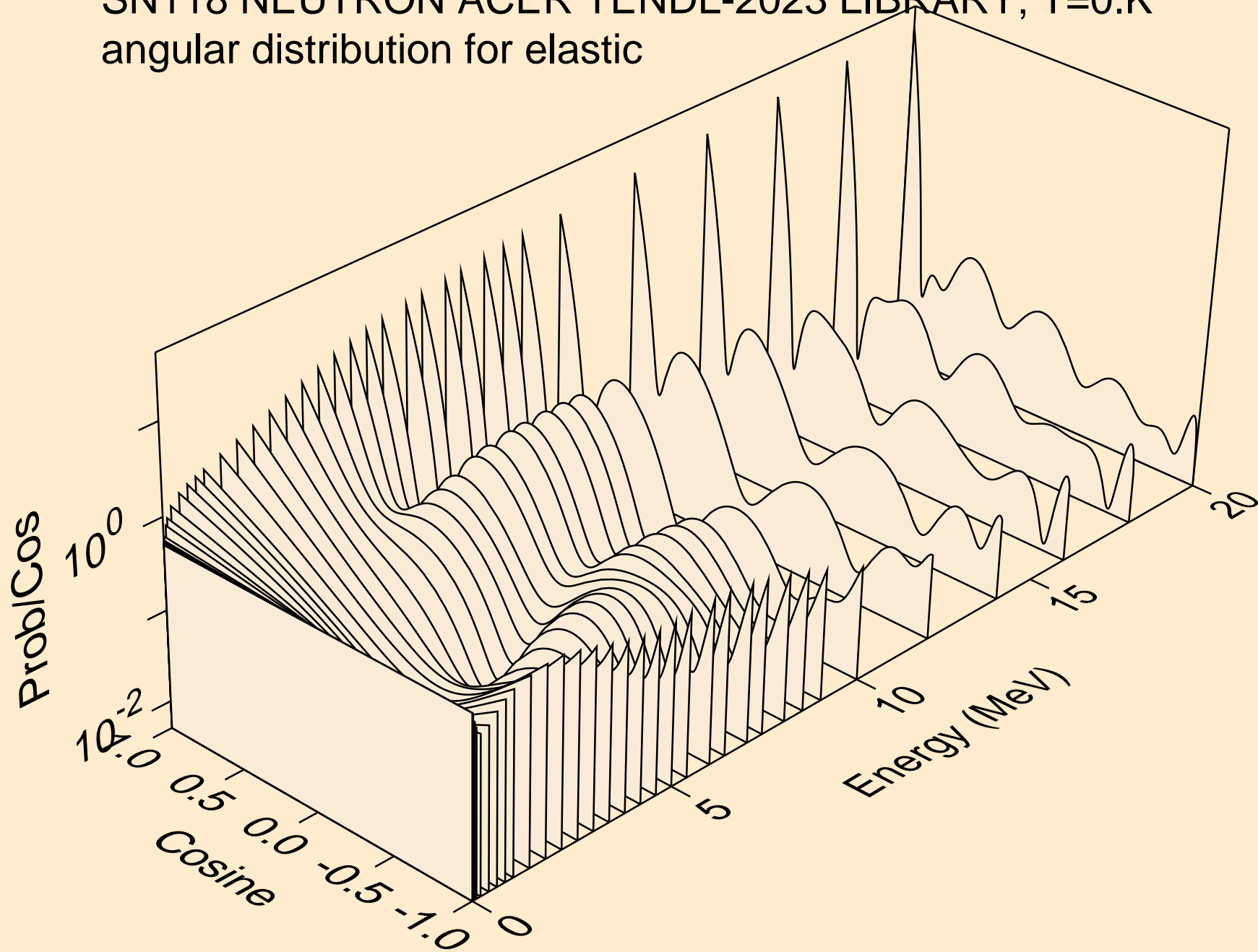


SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

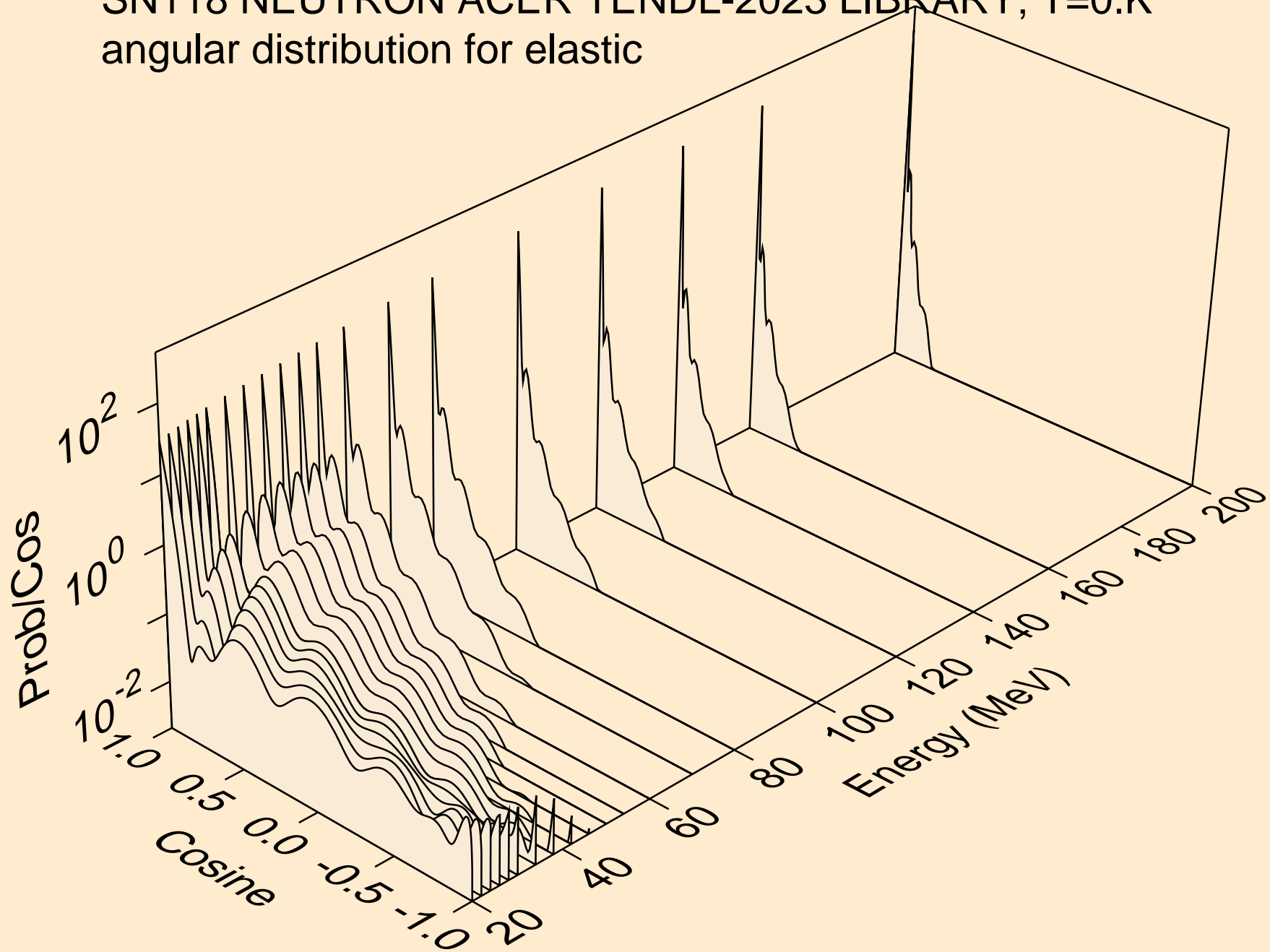
Threshold reactions



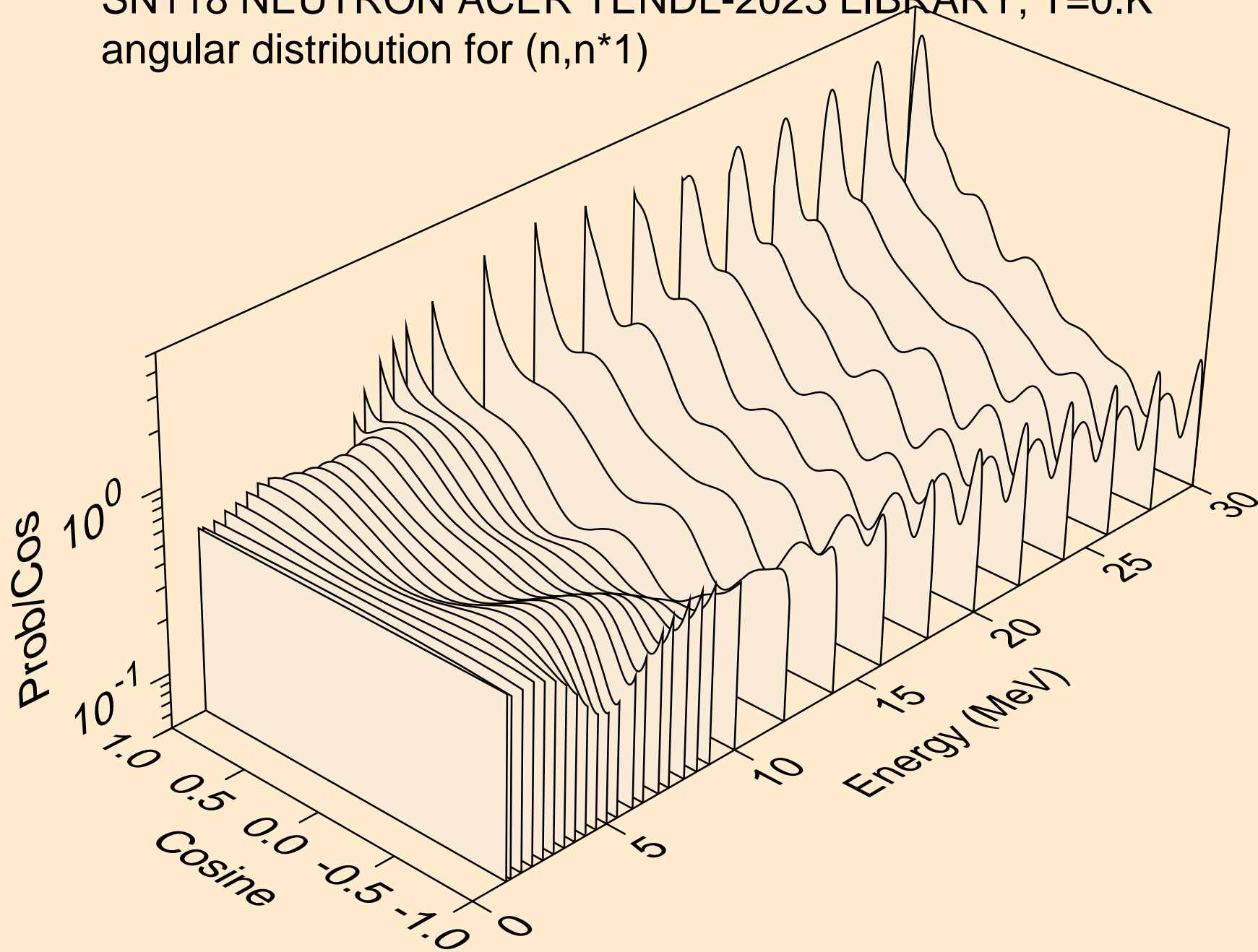
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



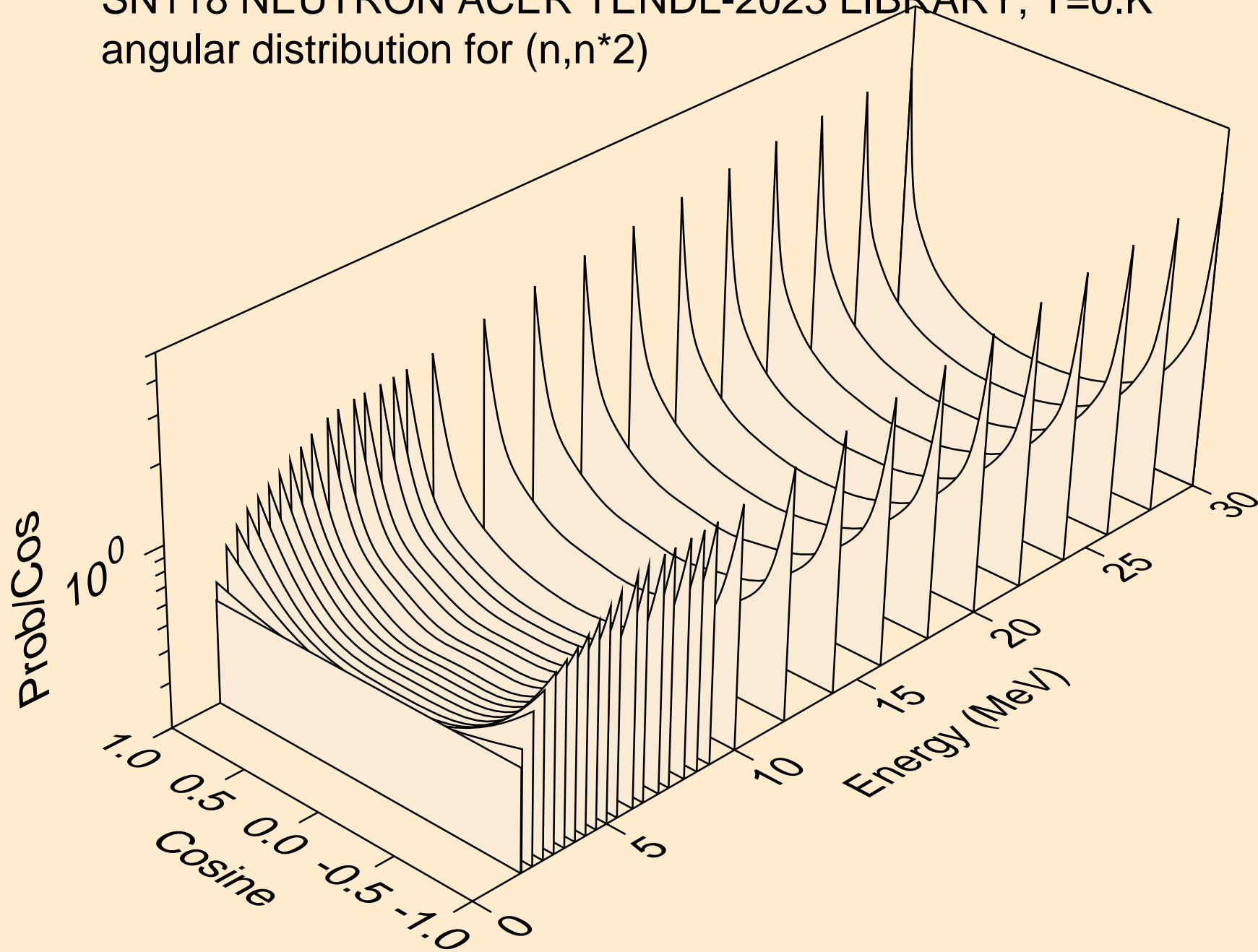
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angular distribution for elastic



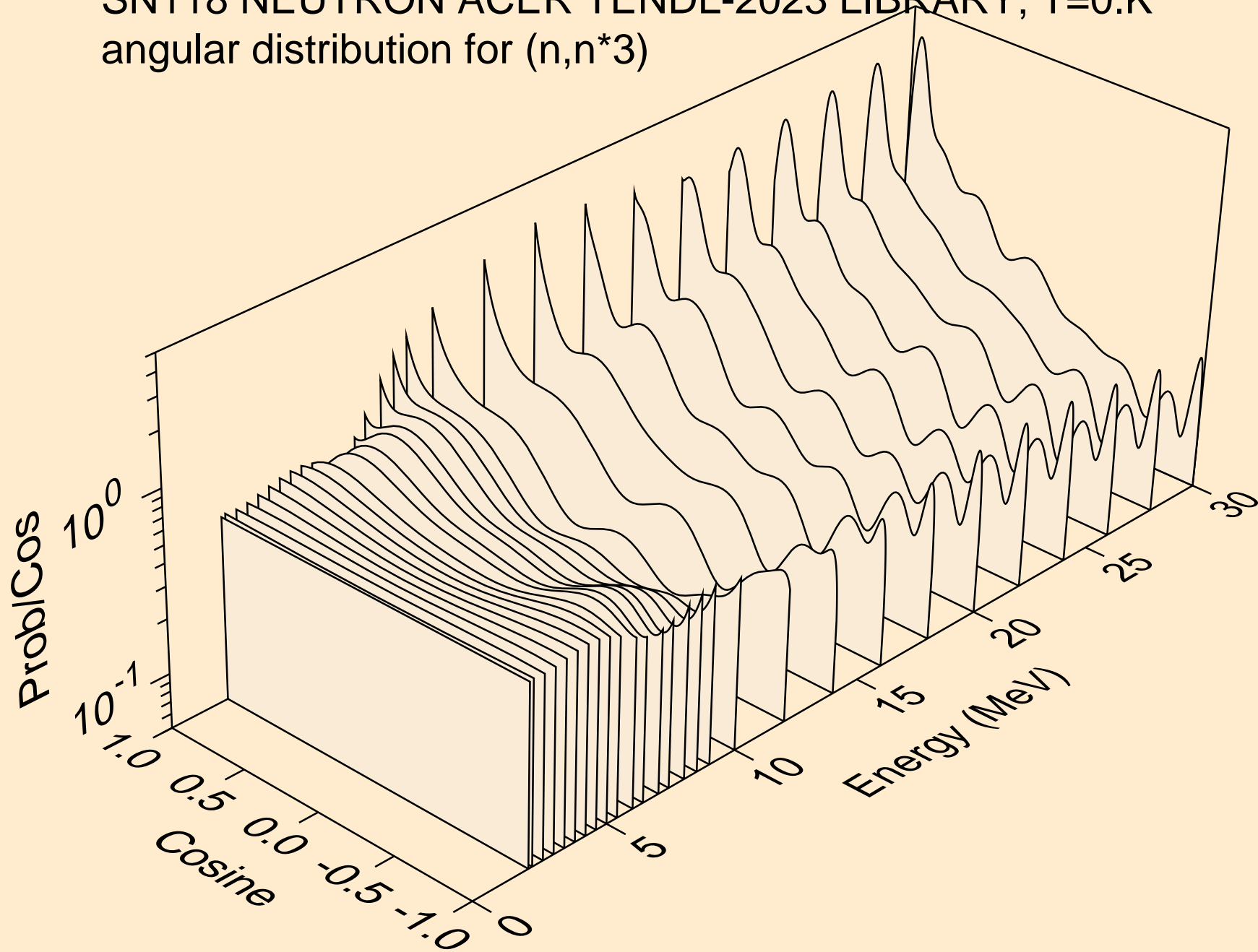
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



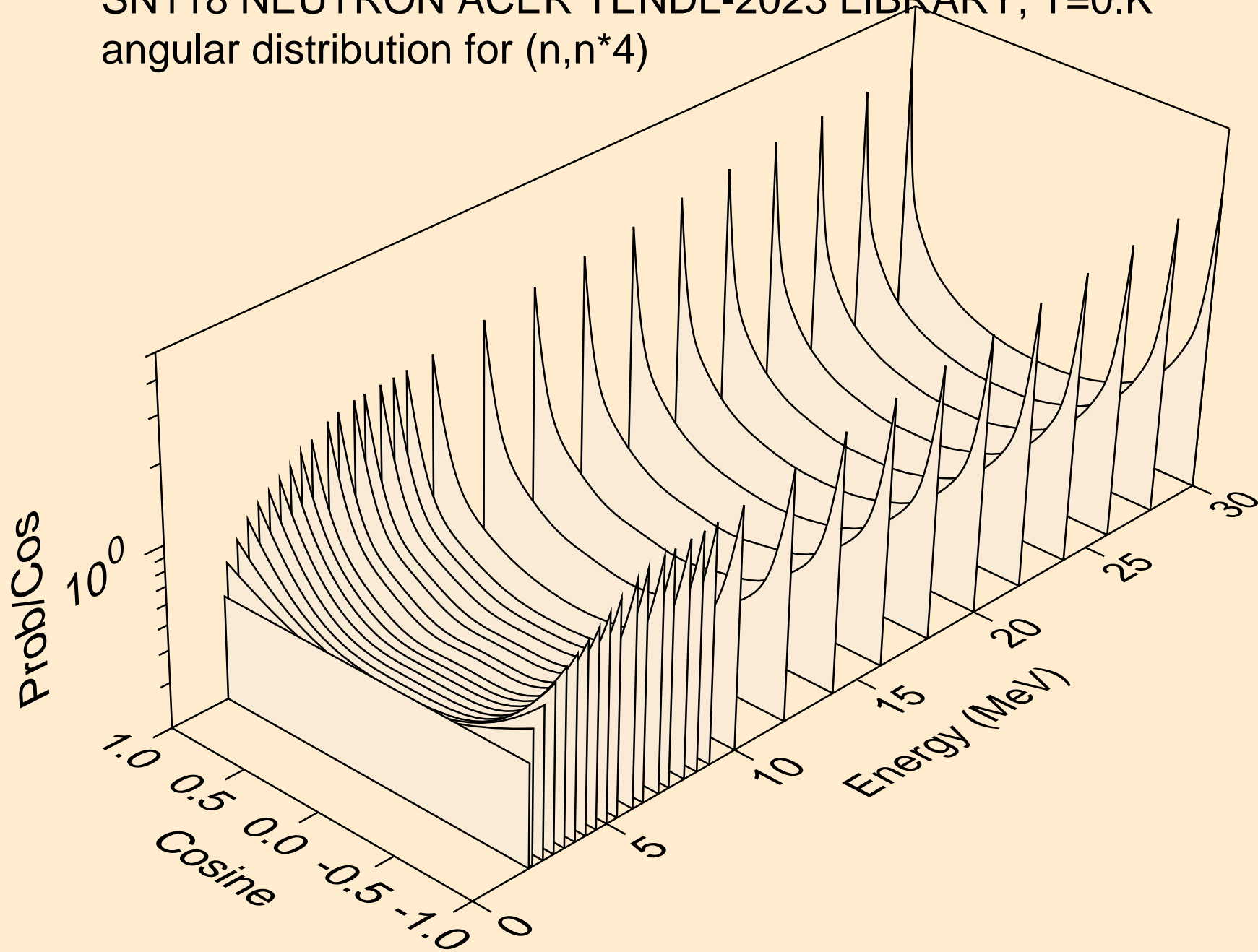
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



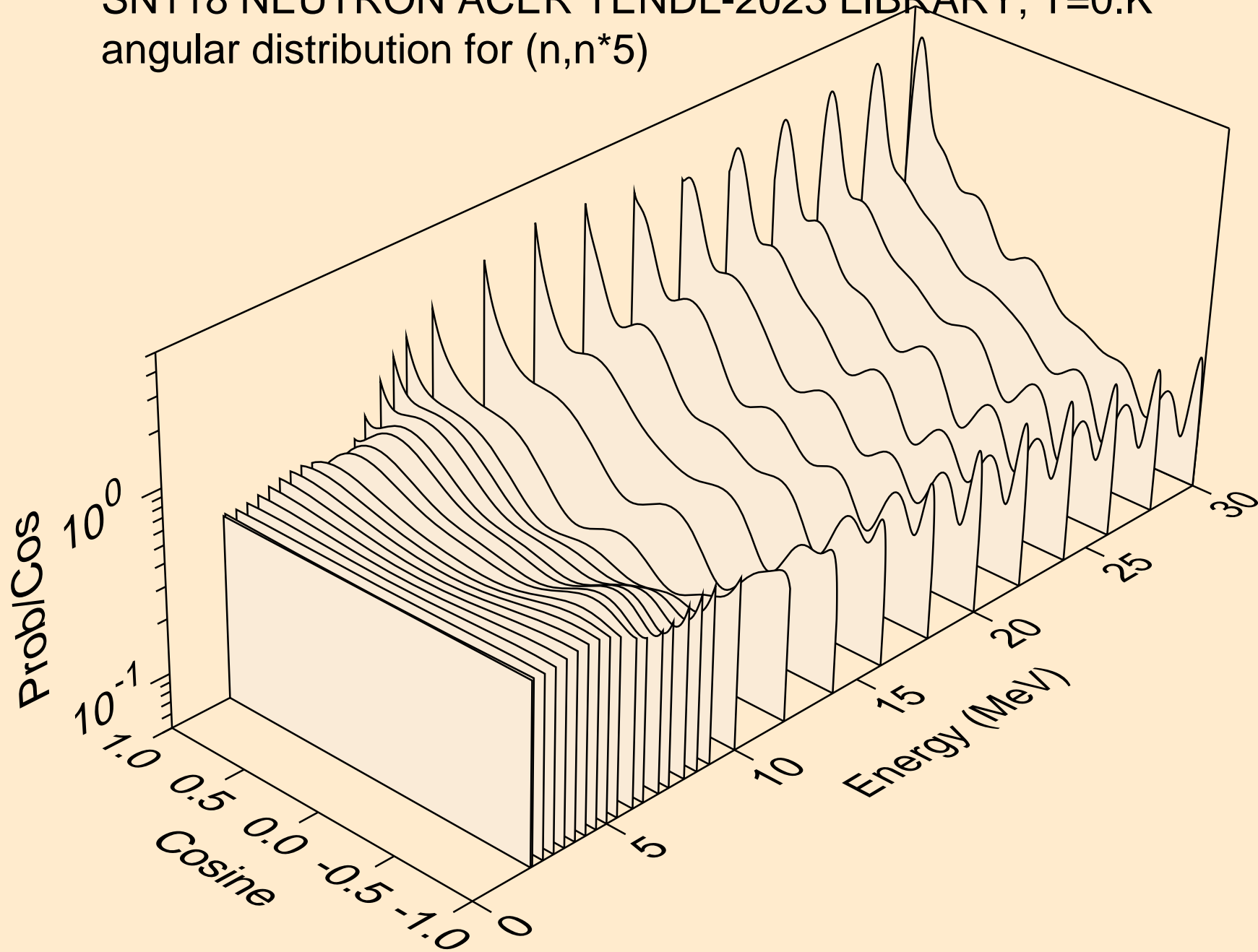
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angular distribution for (n,n*3)



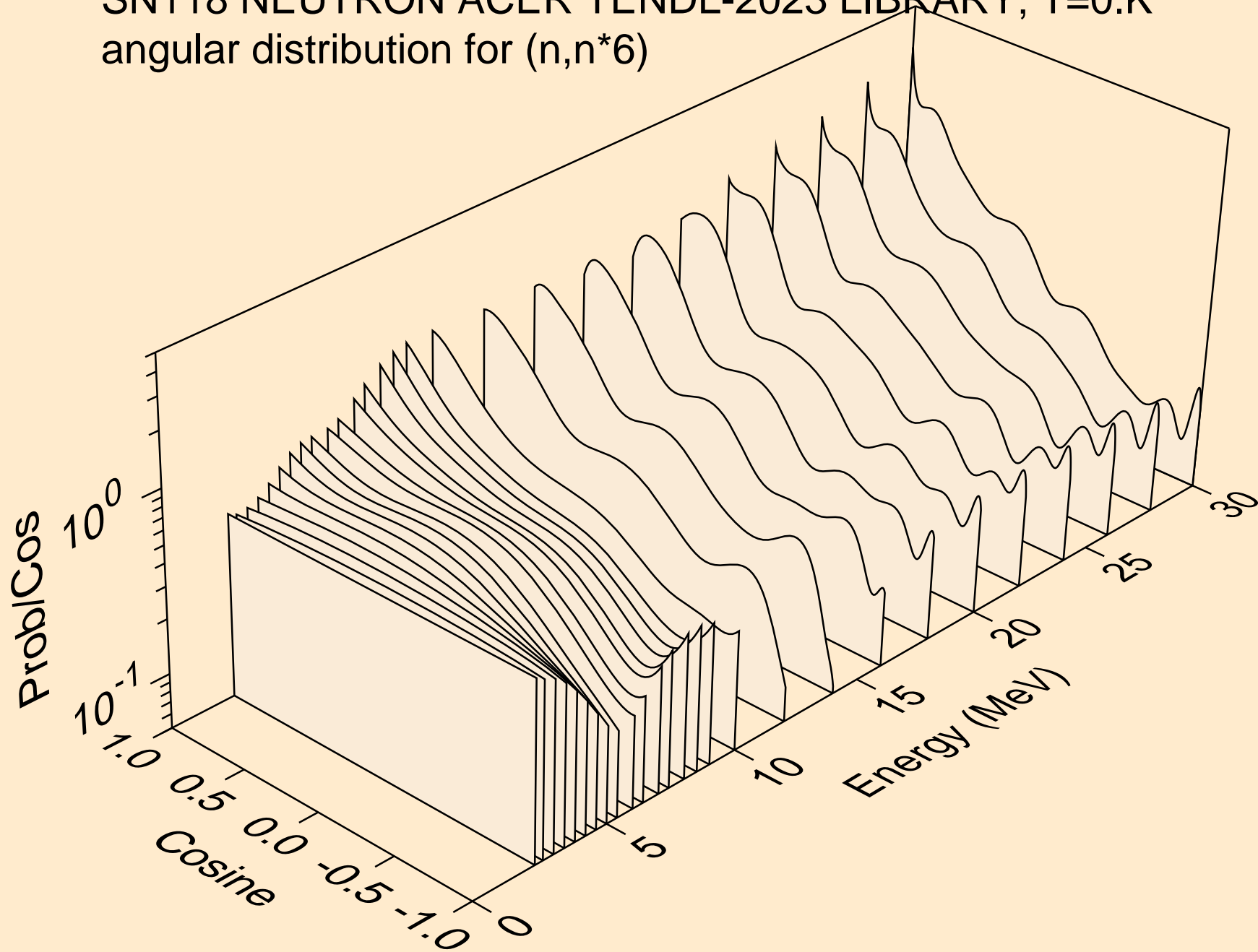
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



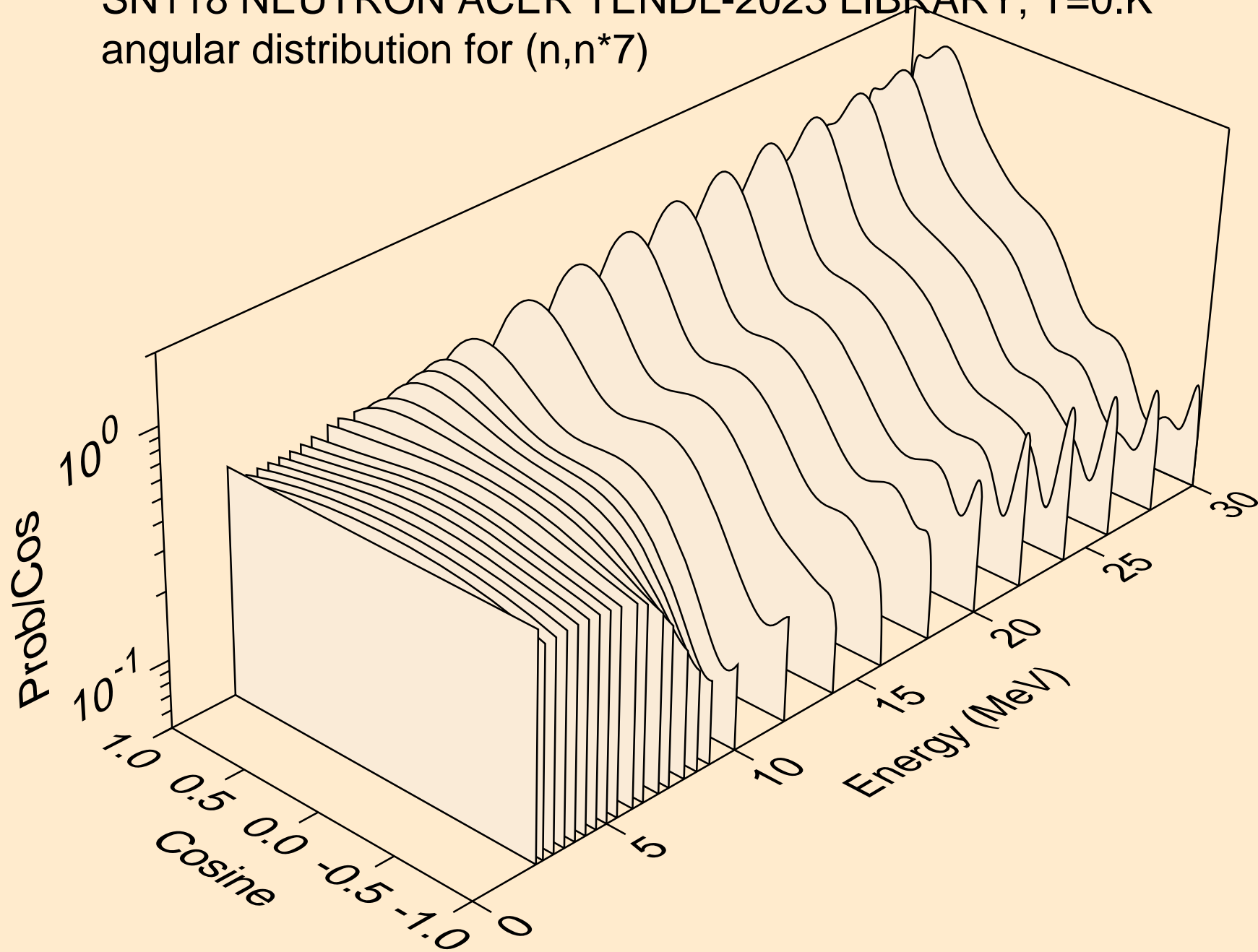
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angular distribution for (n,n*5)



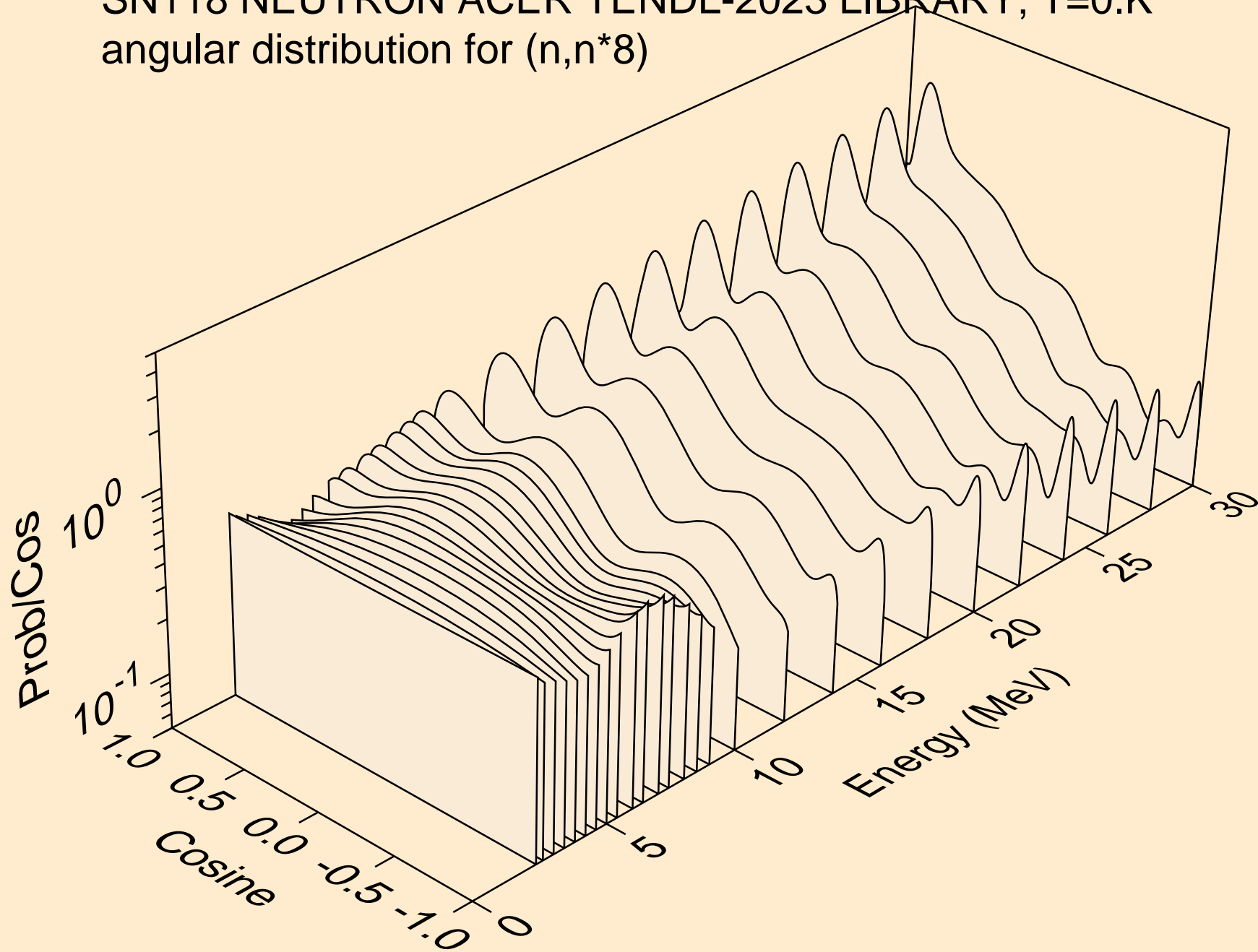
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angular distribution for (n,n*6)



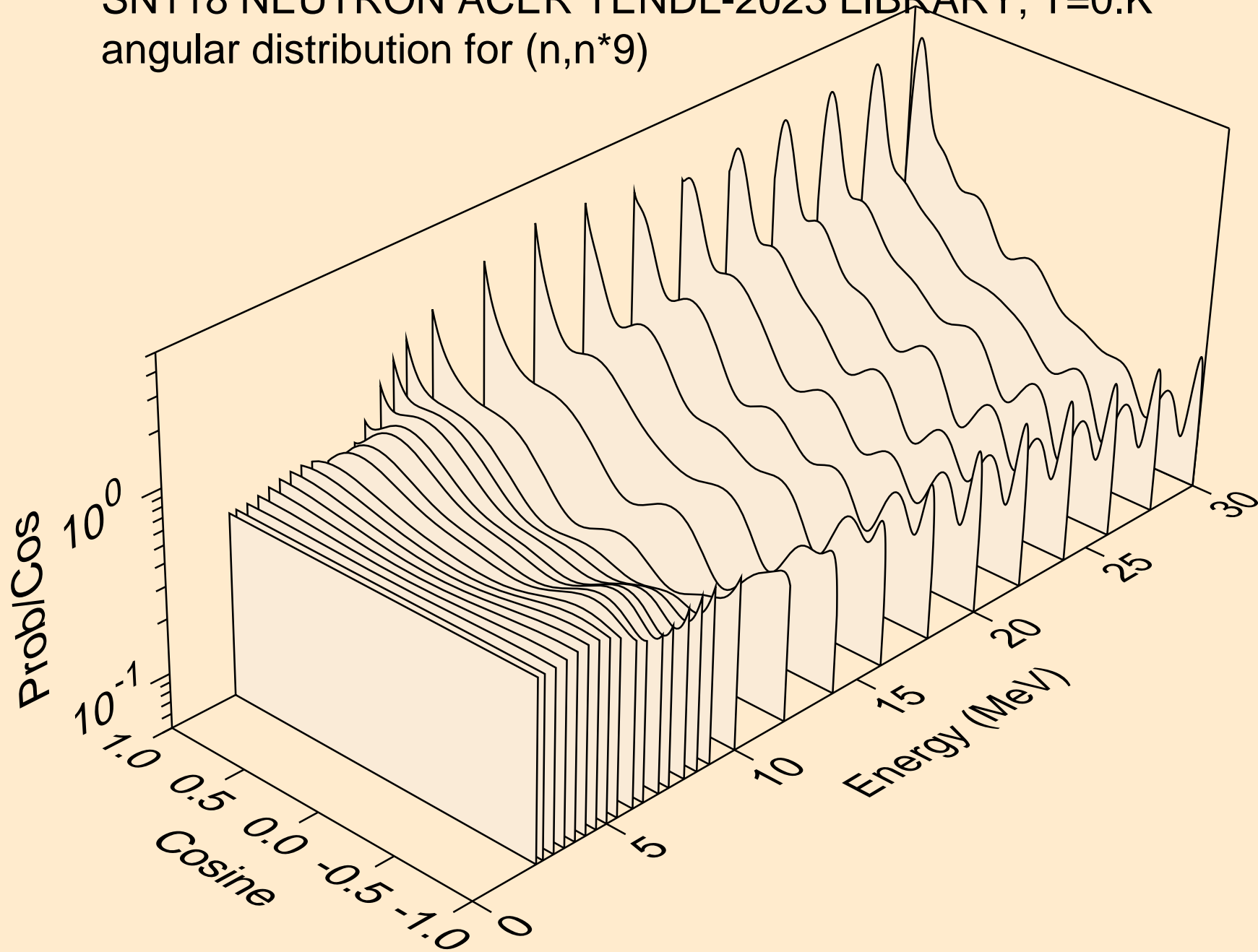
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angular distribution for (n,n*7)



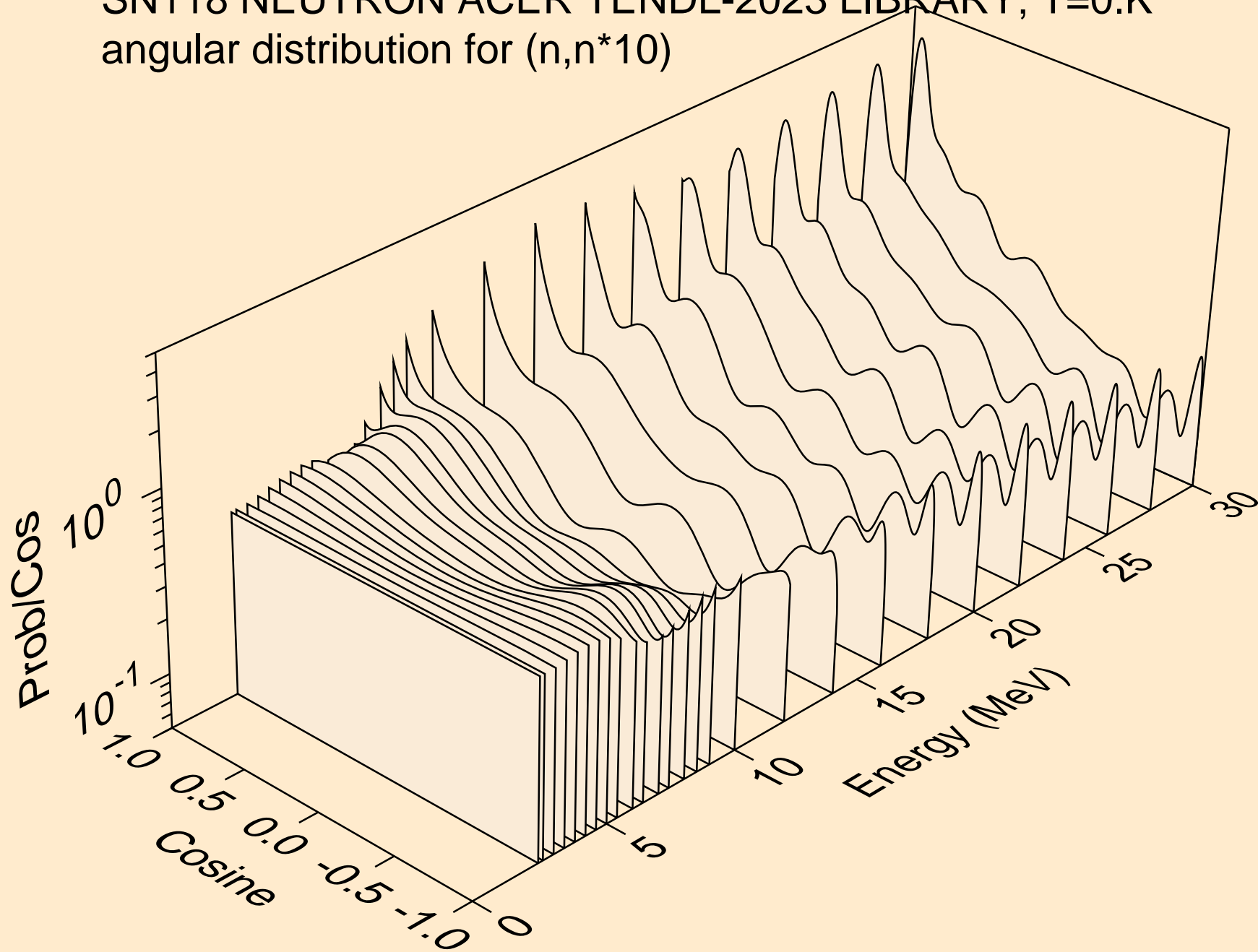
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angular distribution for (n,n*8)



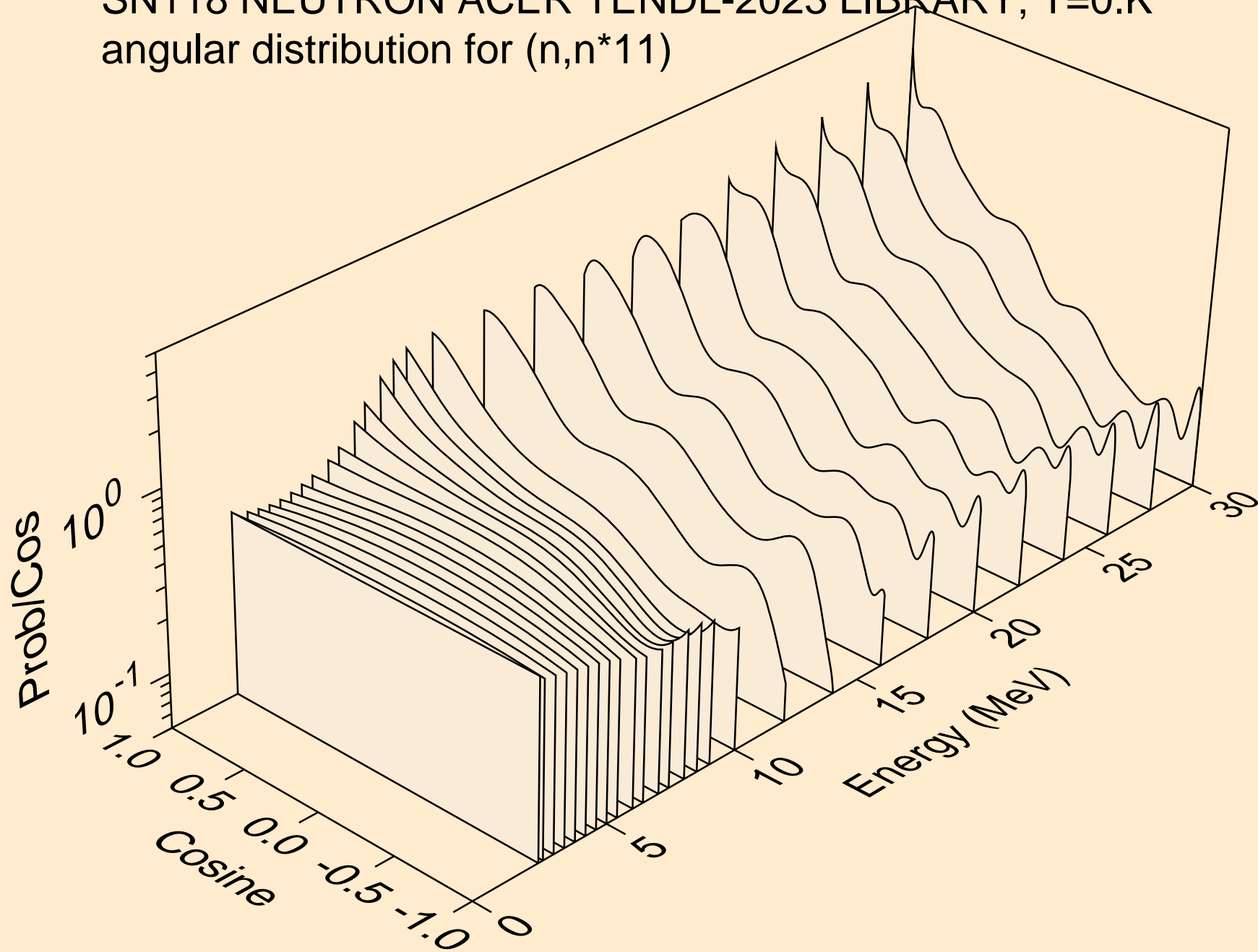
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angular distribution for (n,n*9)



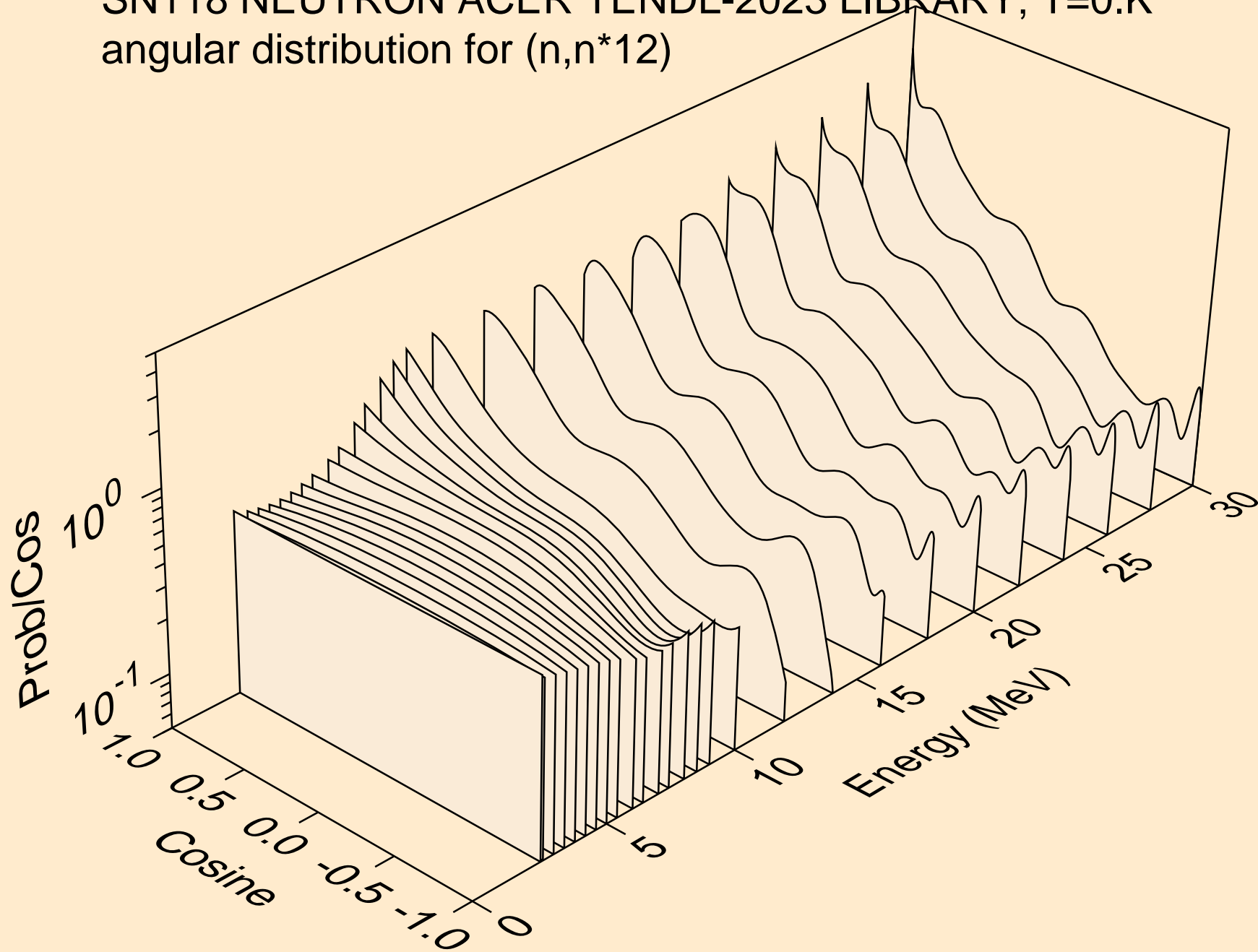
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



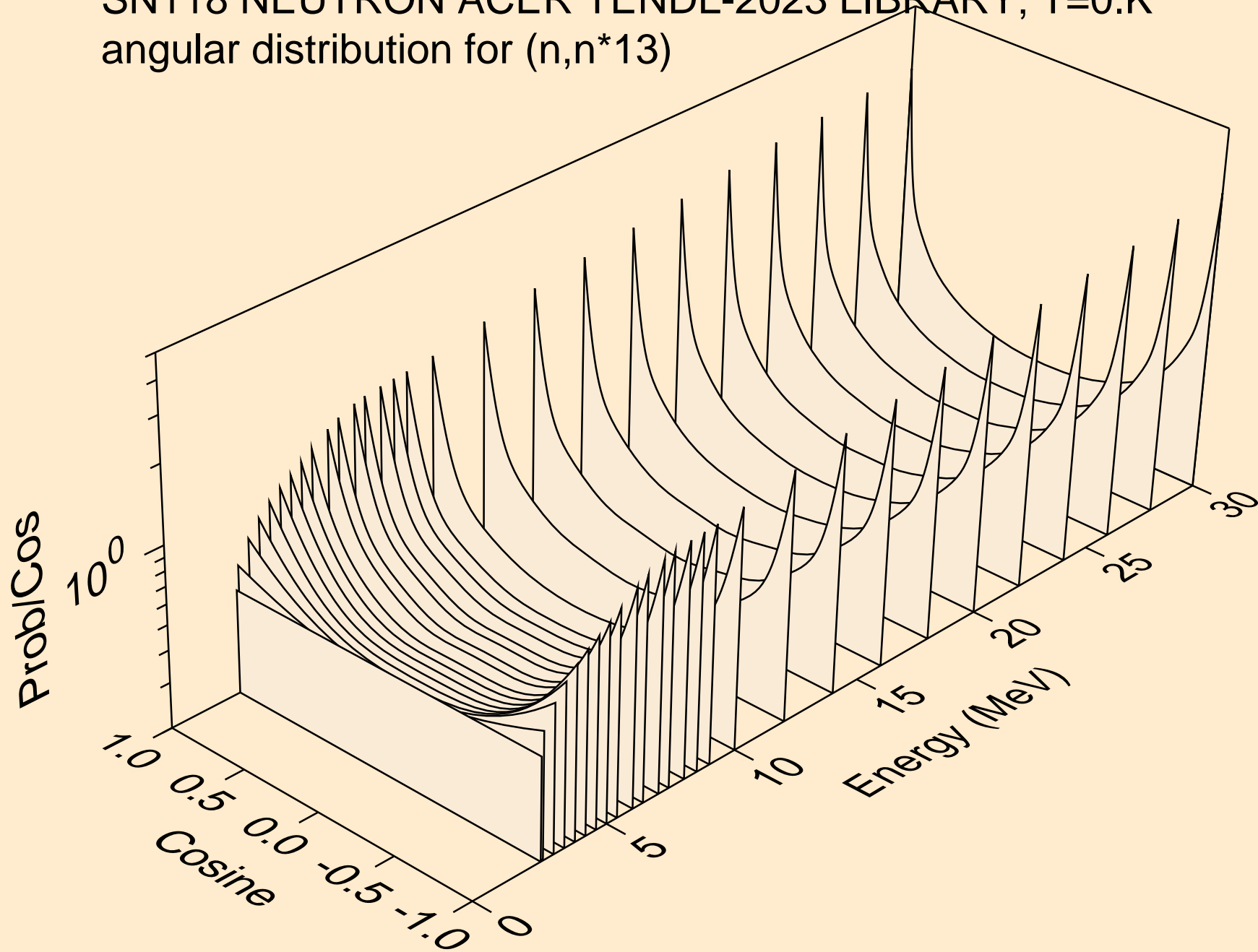
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angular distribution for (n,n*11)



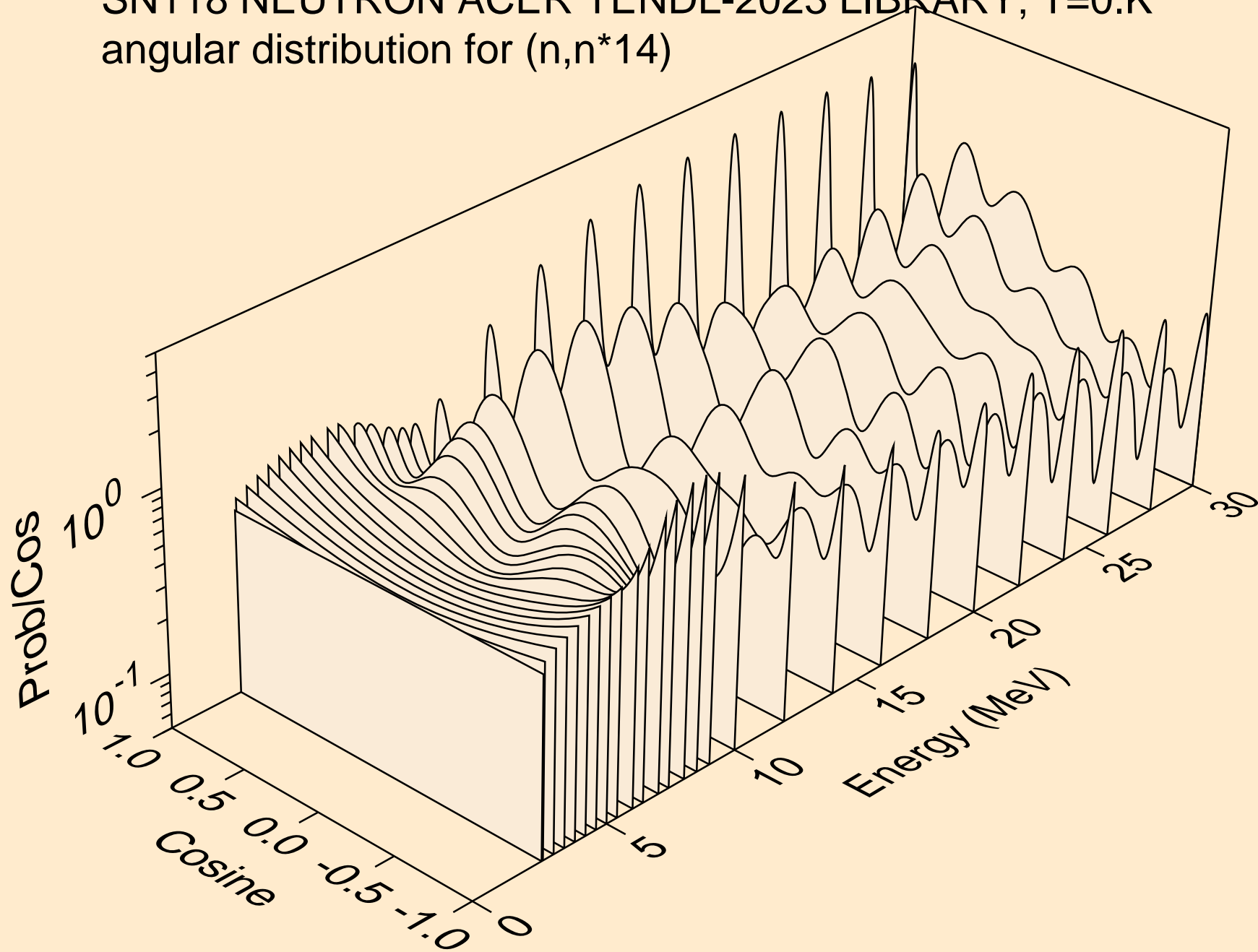
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angular distribution for (n,n*12)



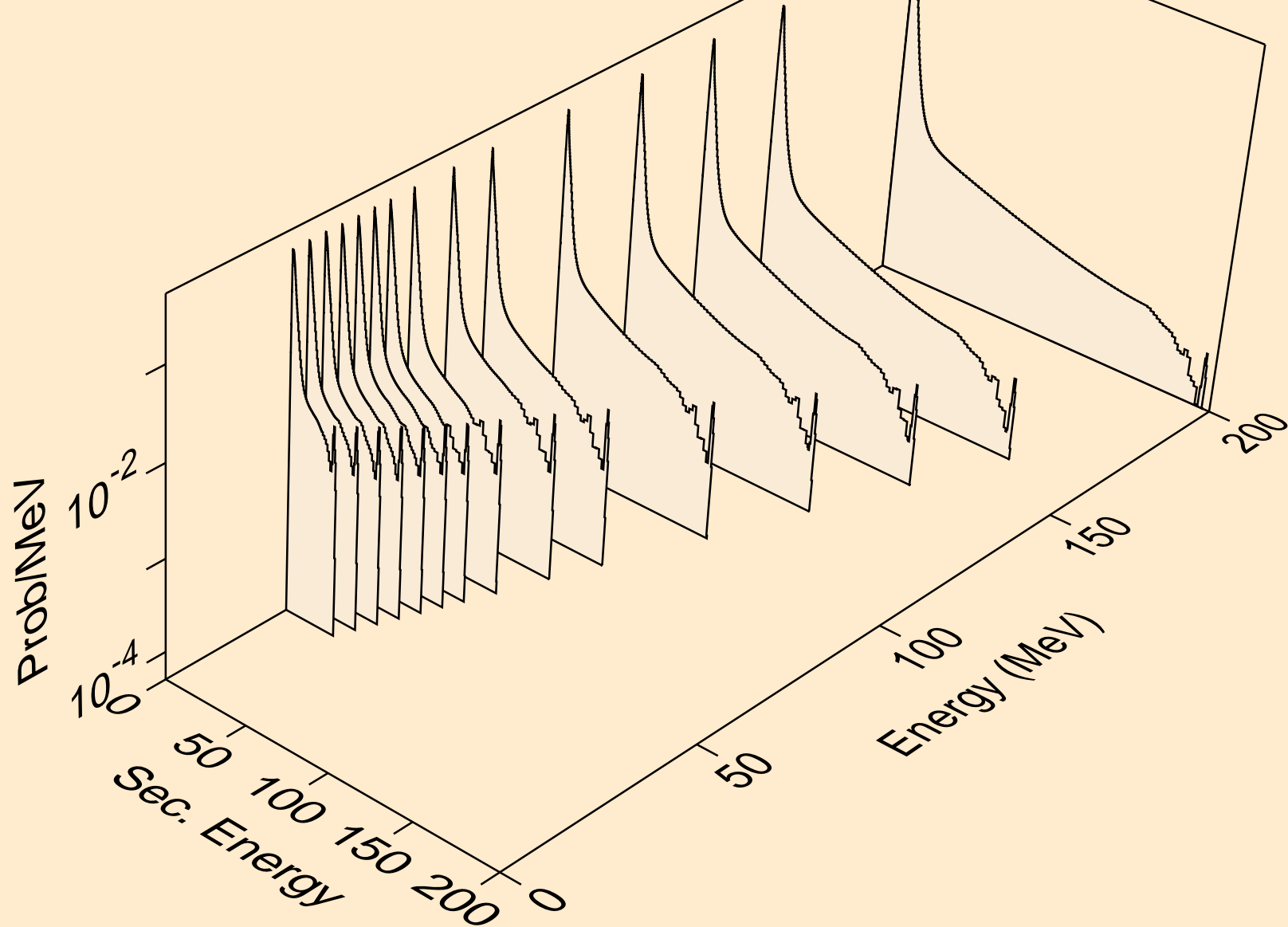
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angular distribution for (n,n*13)



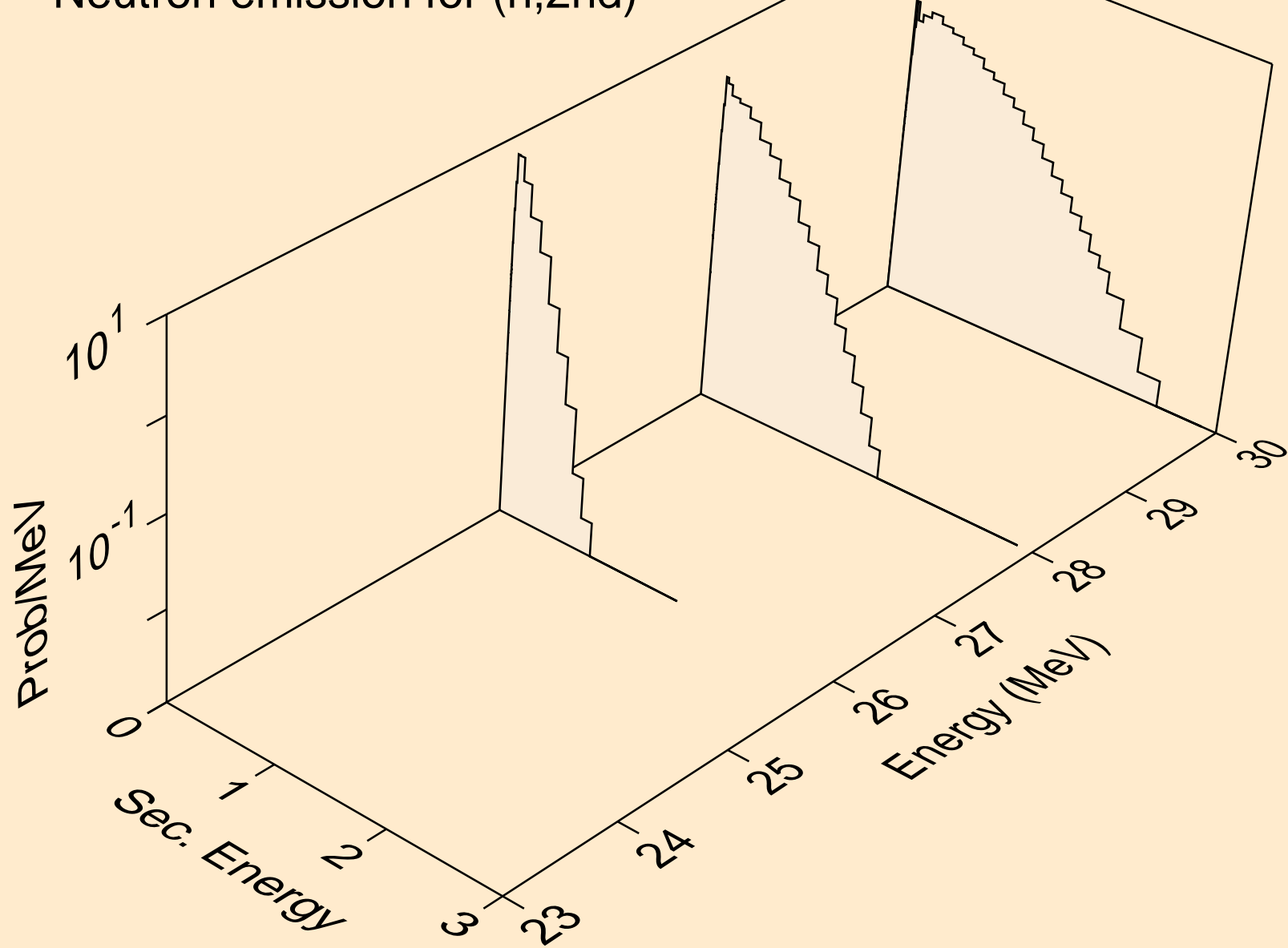
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angular distribution for (n,n*14)



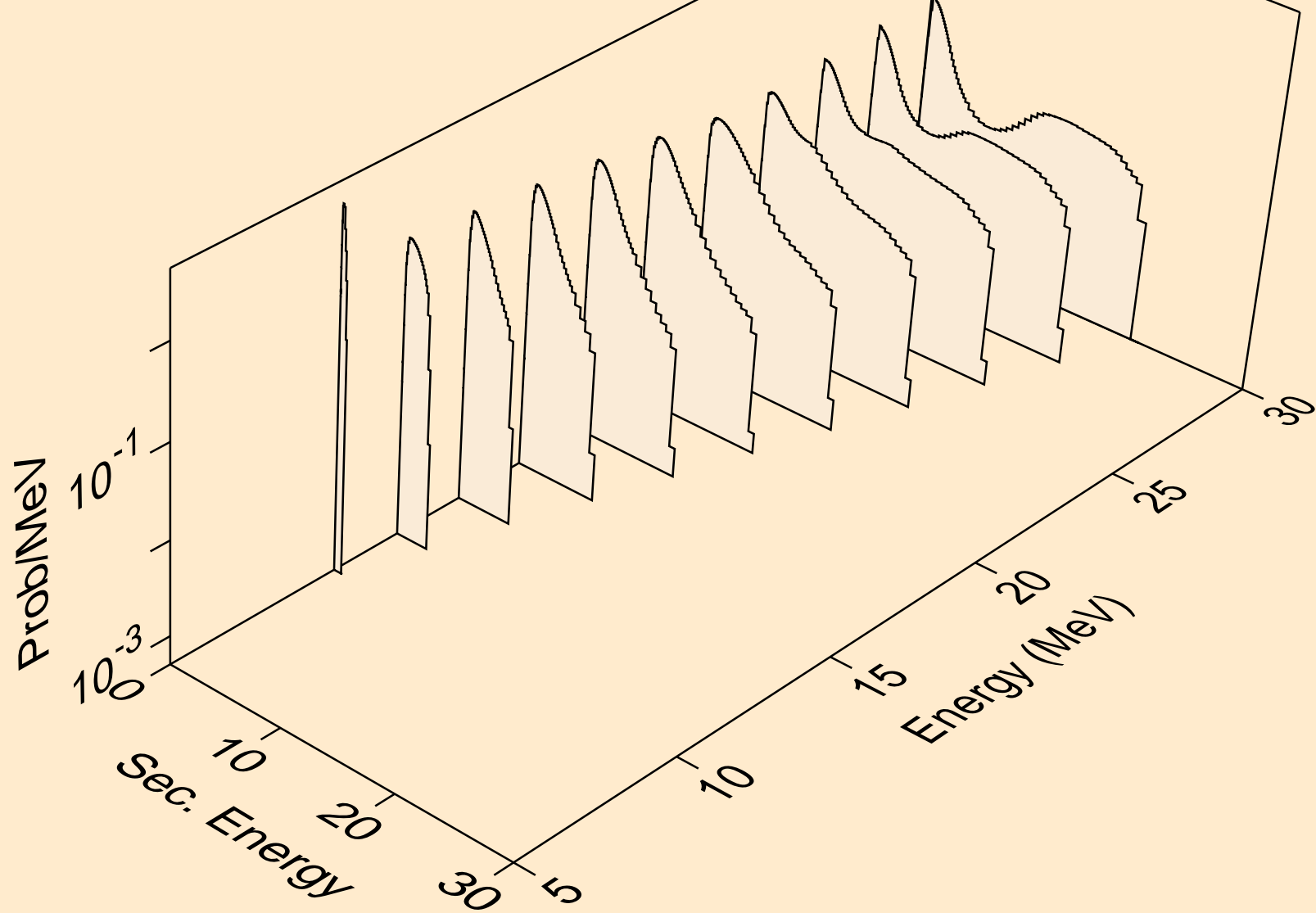
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



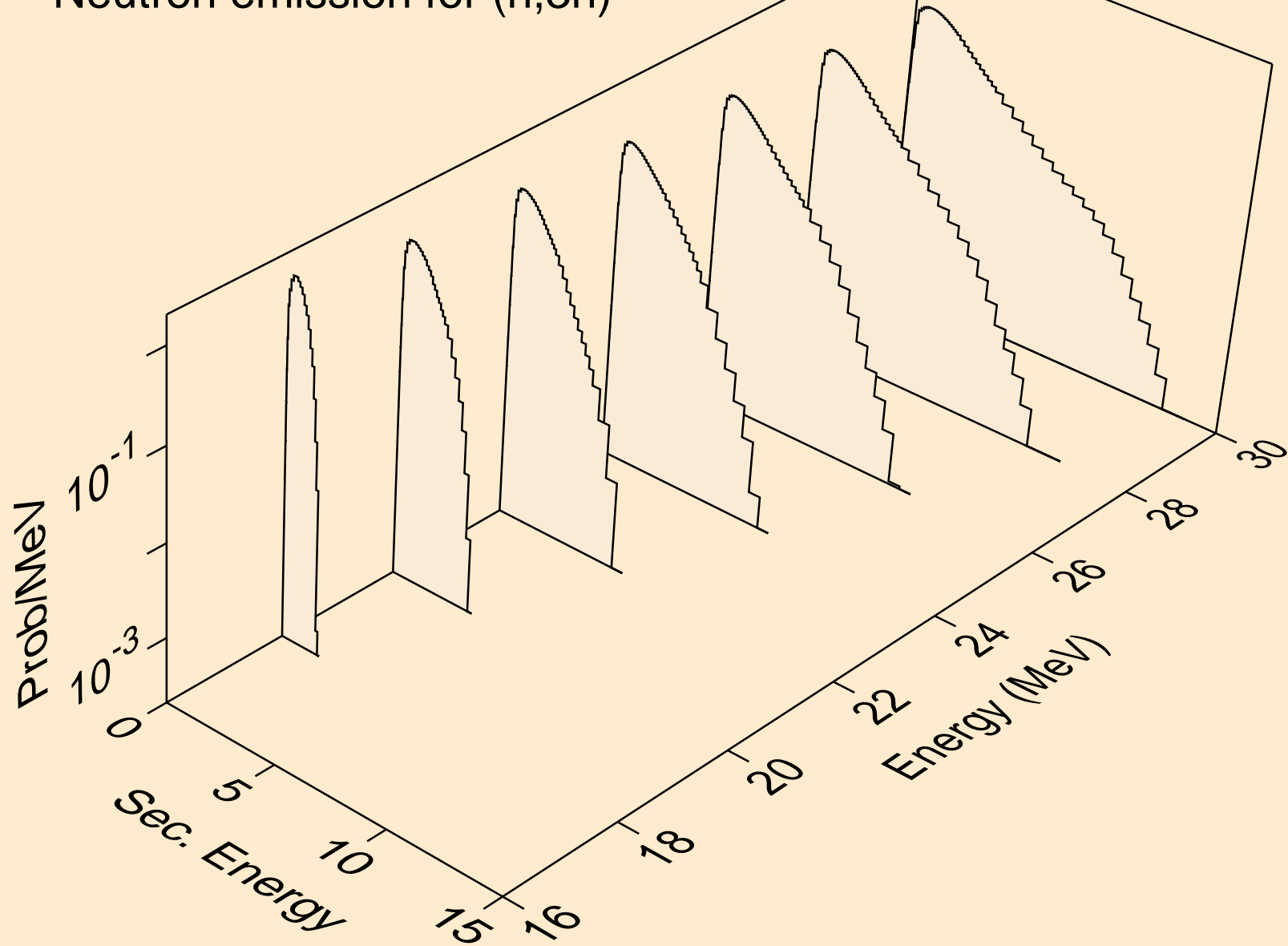
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



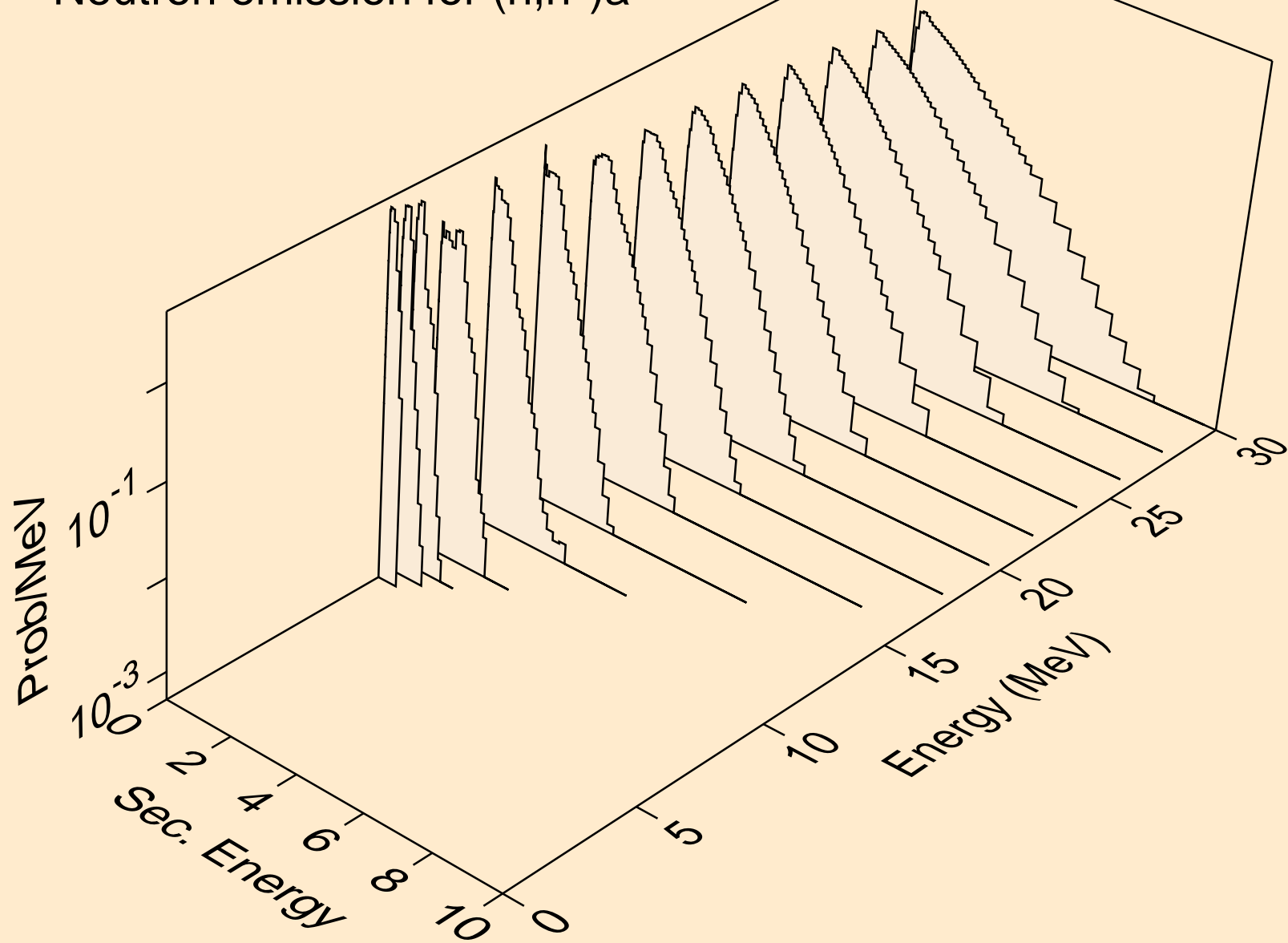
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



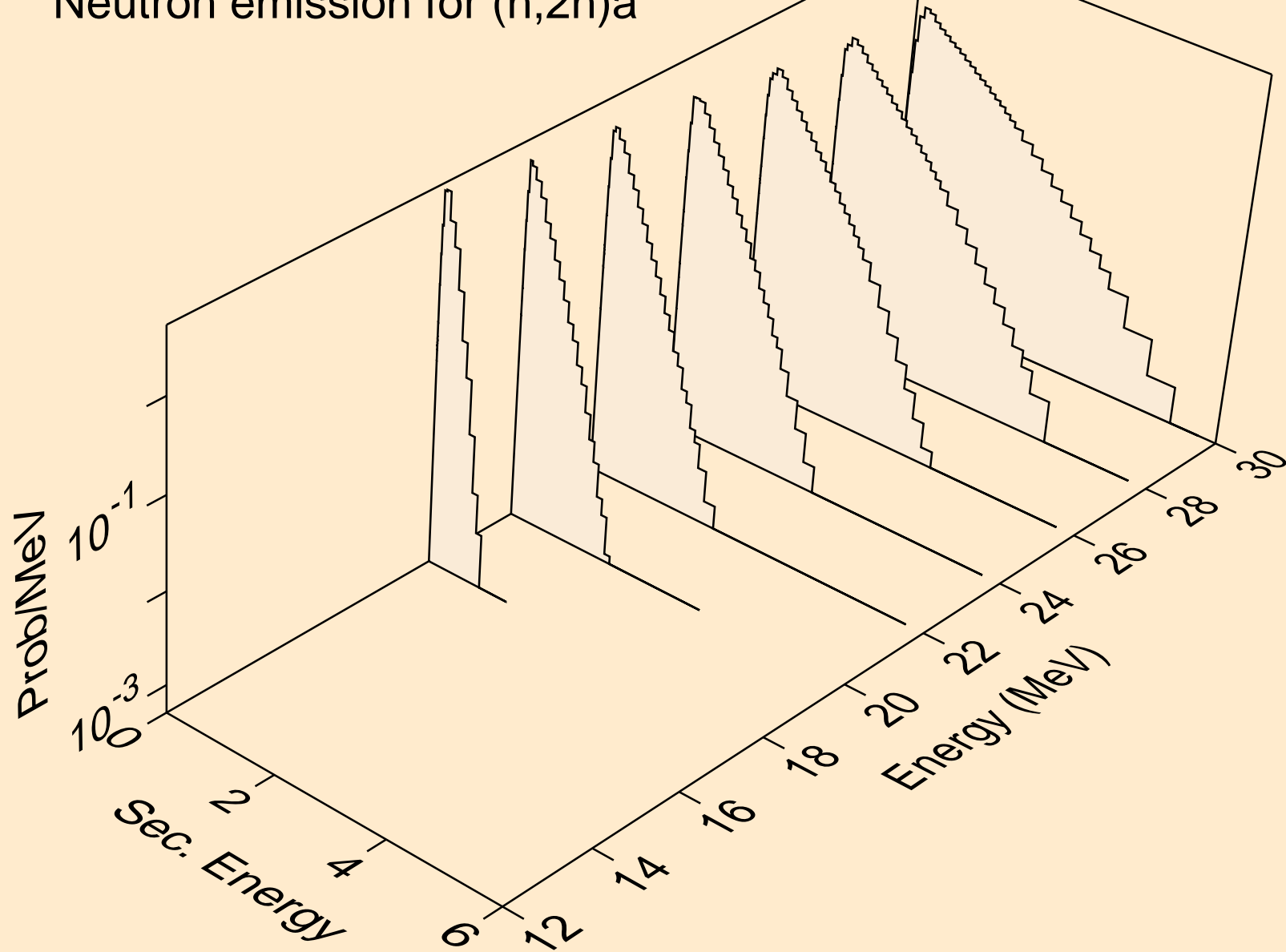
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



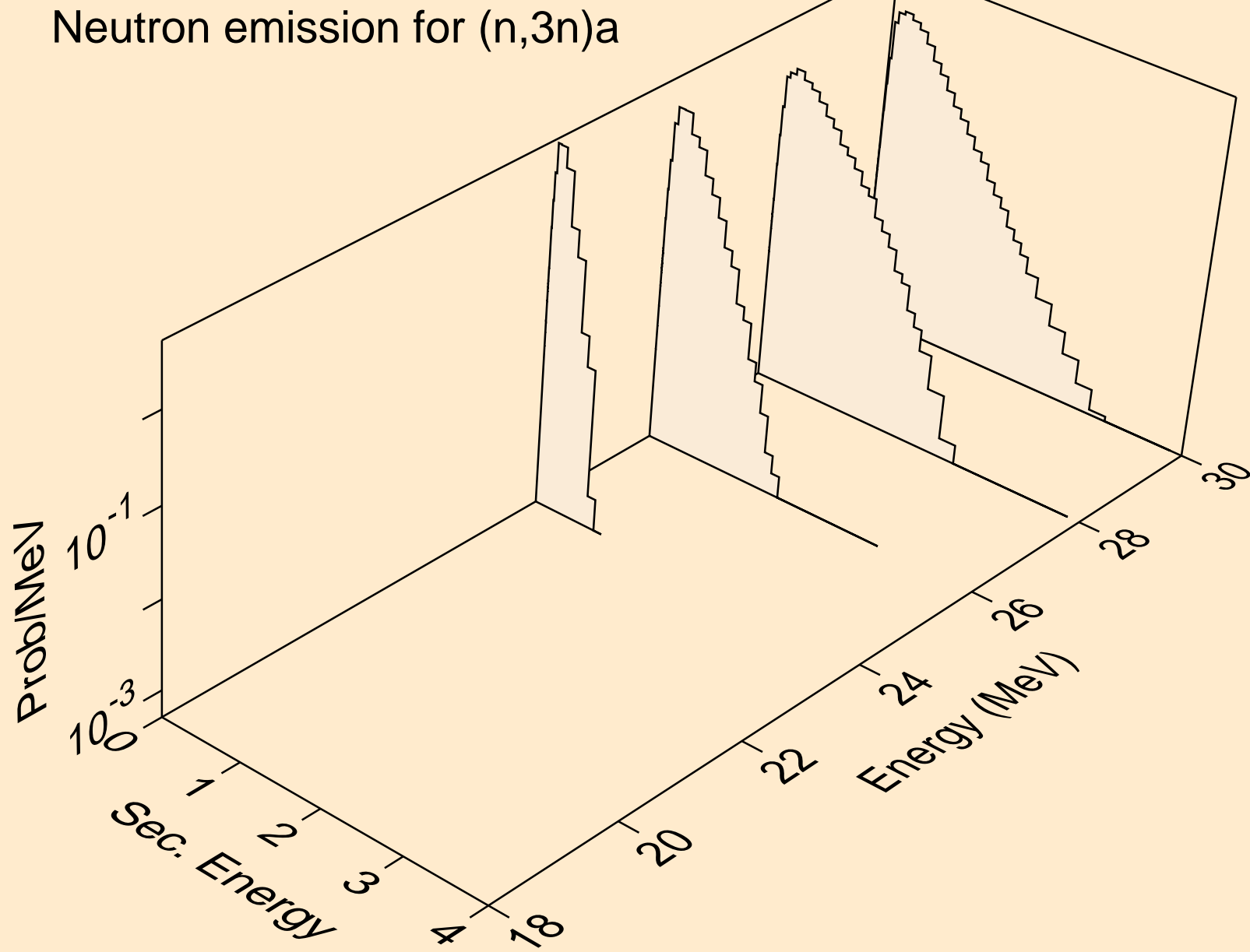
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



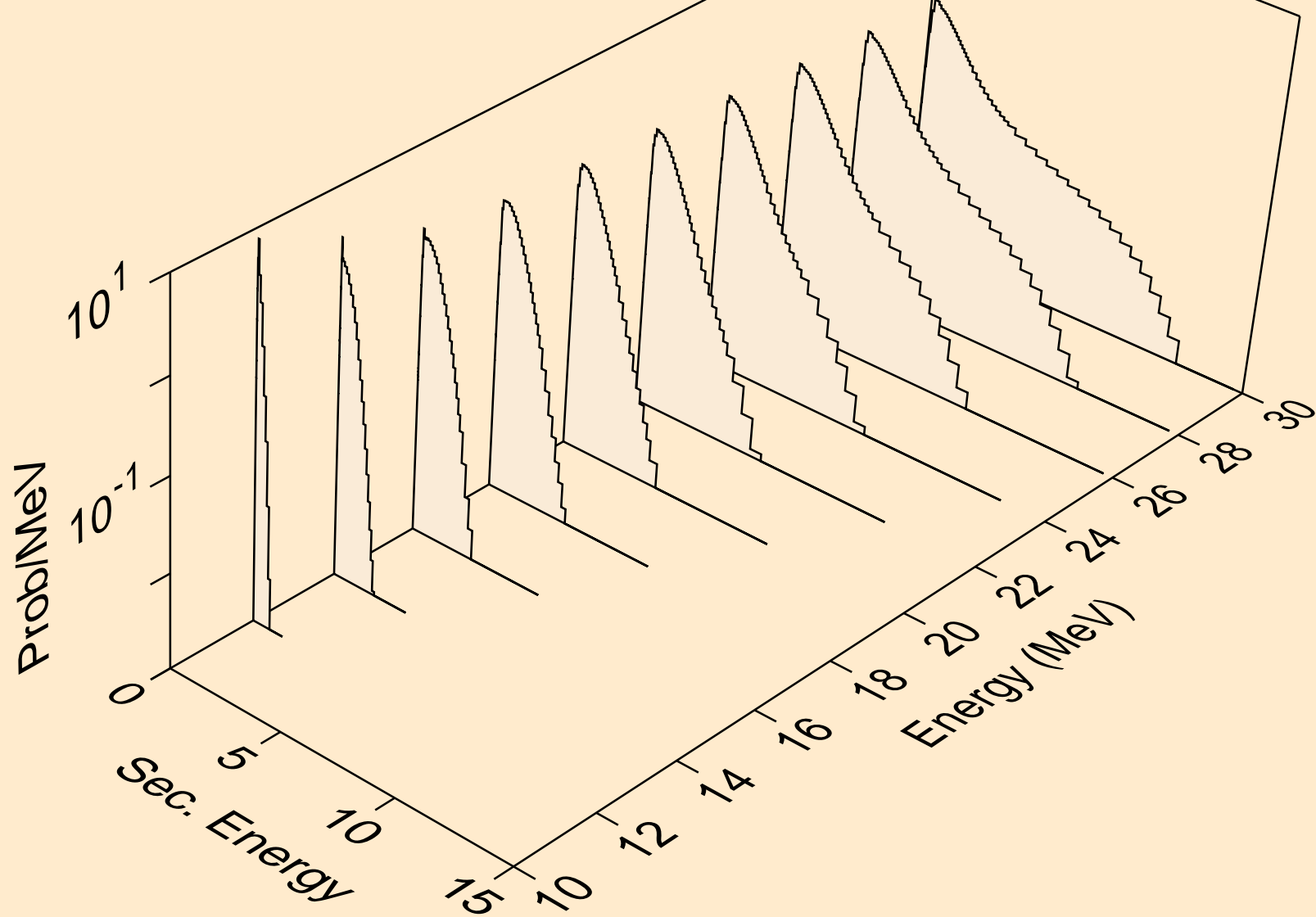
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



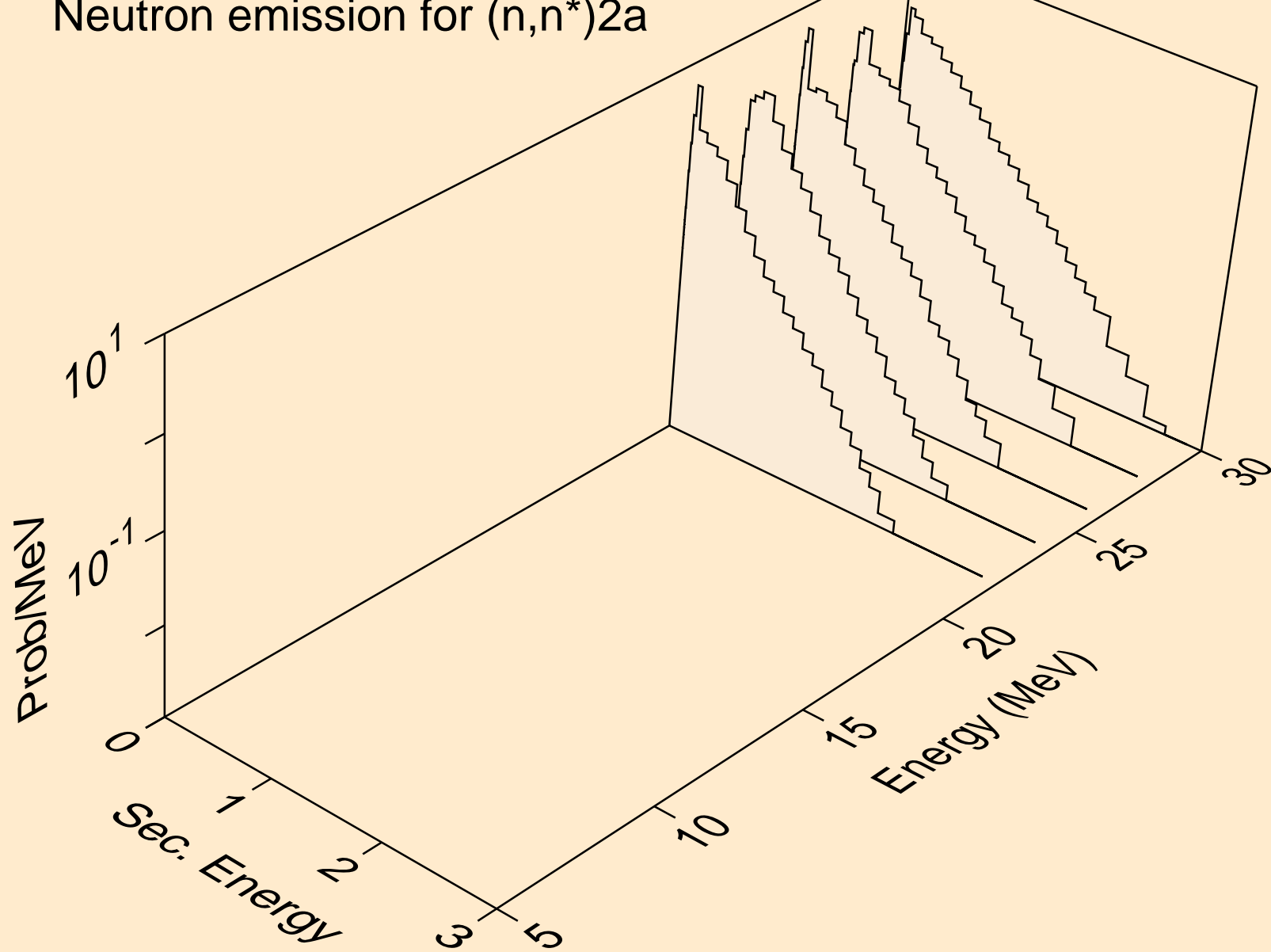
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



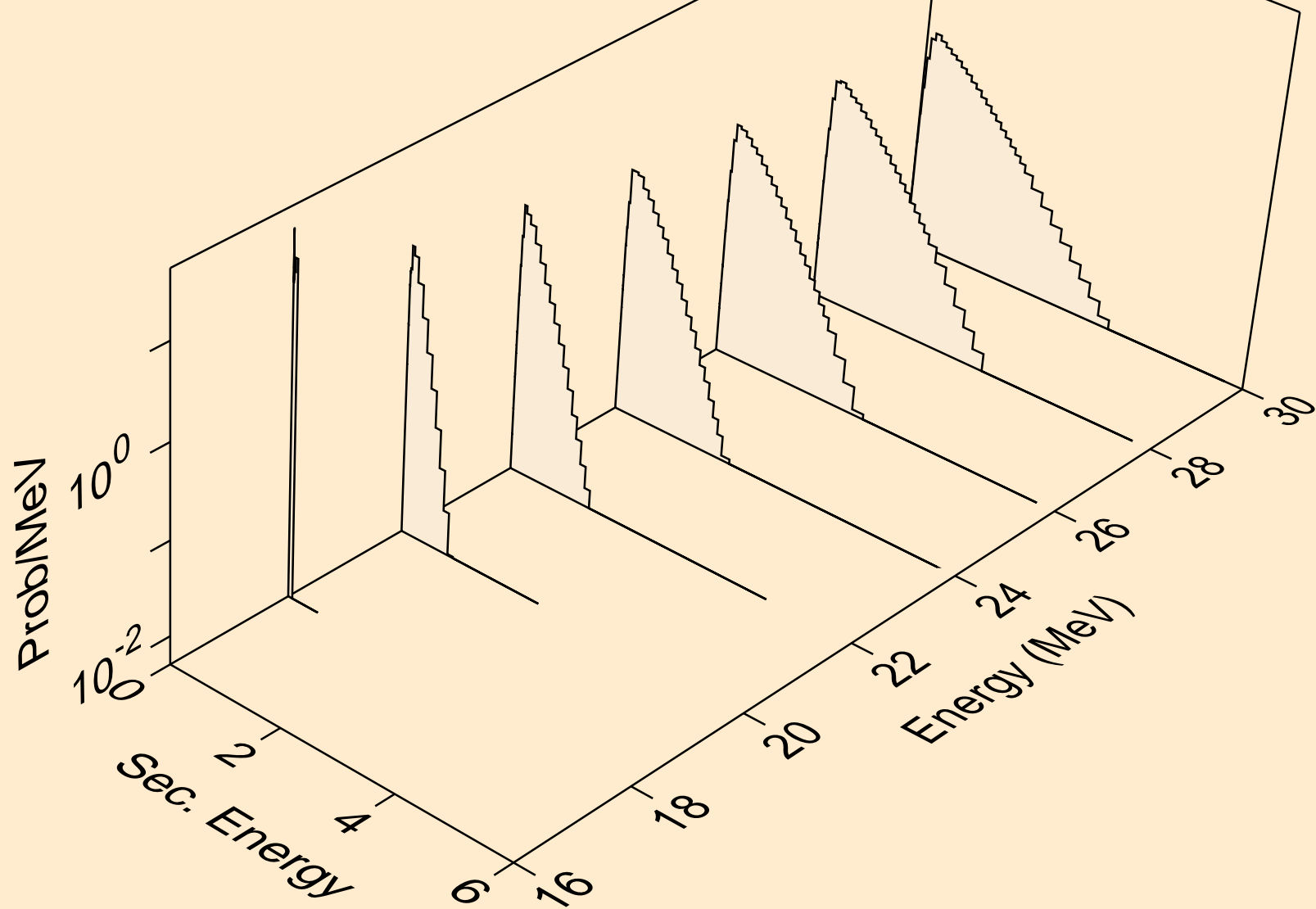
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



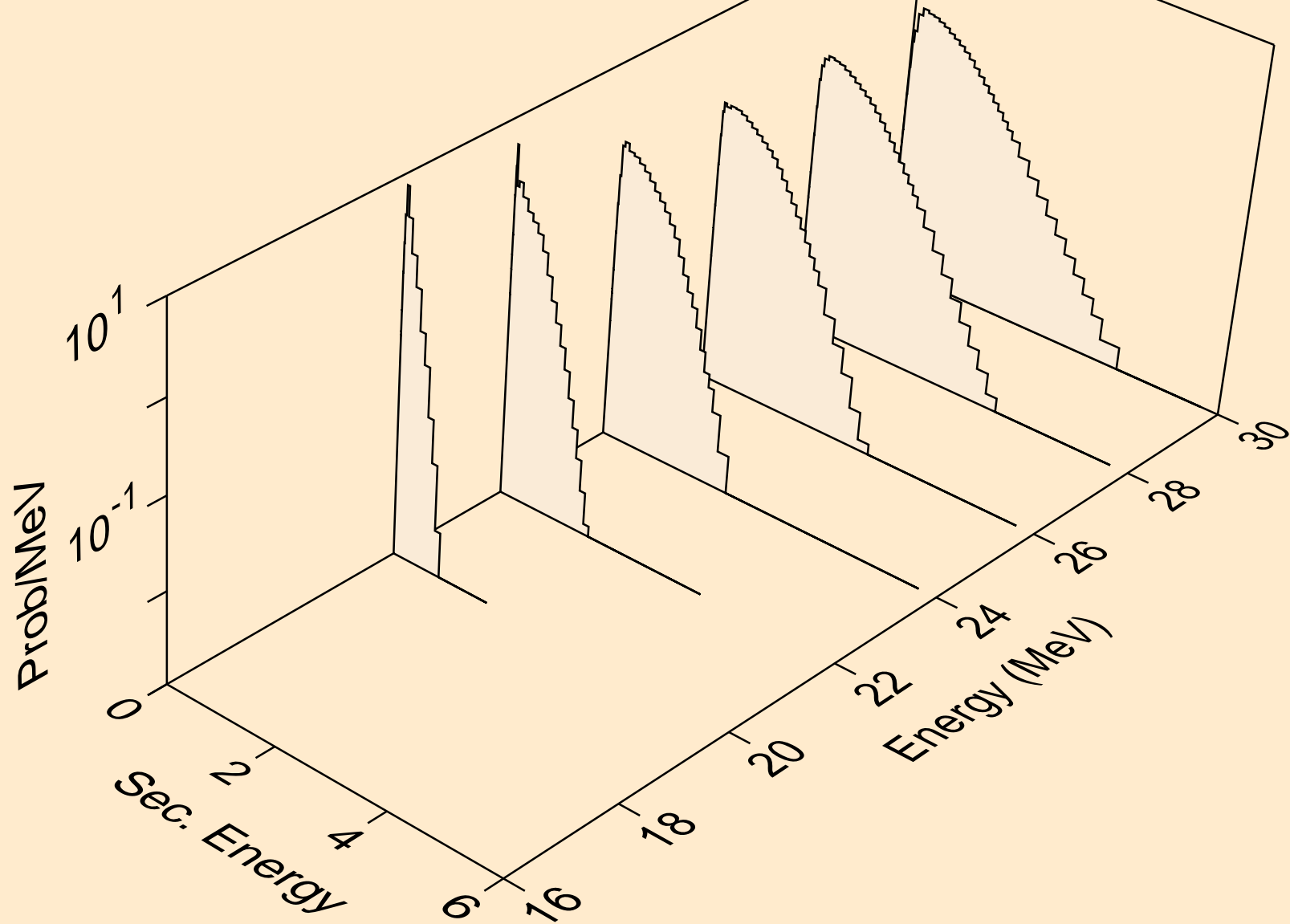
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



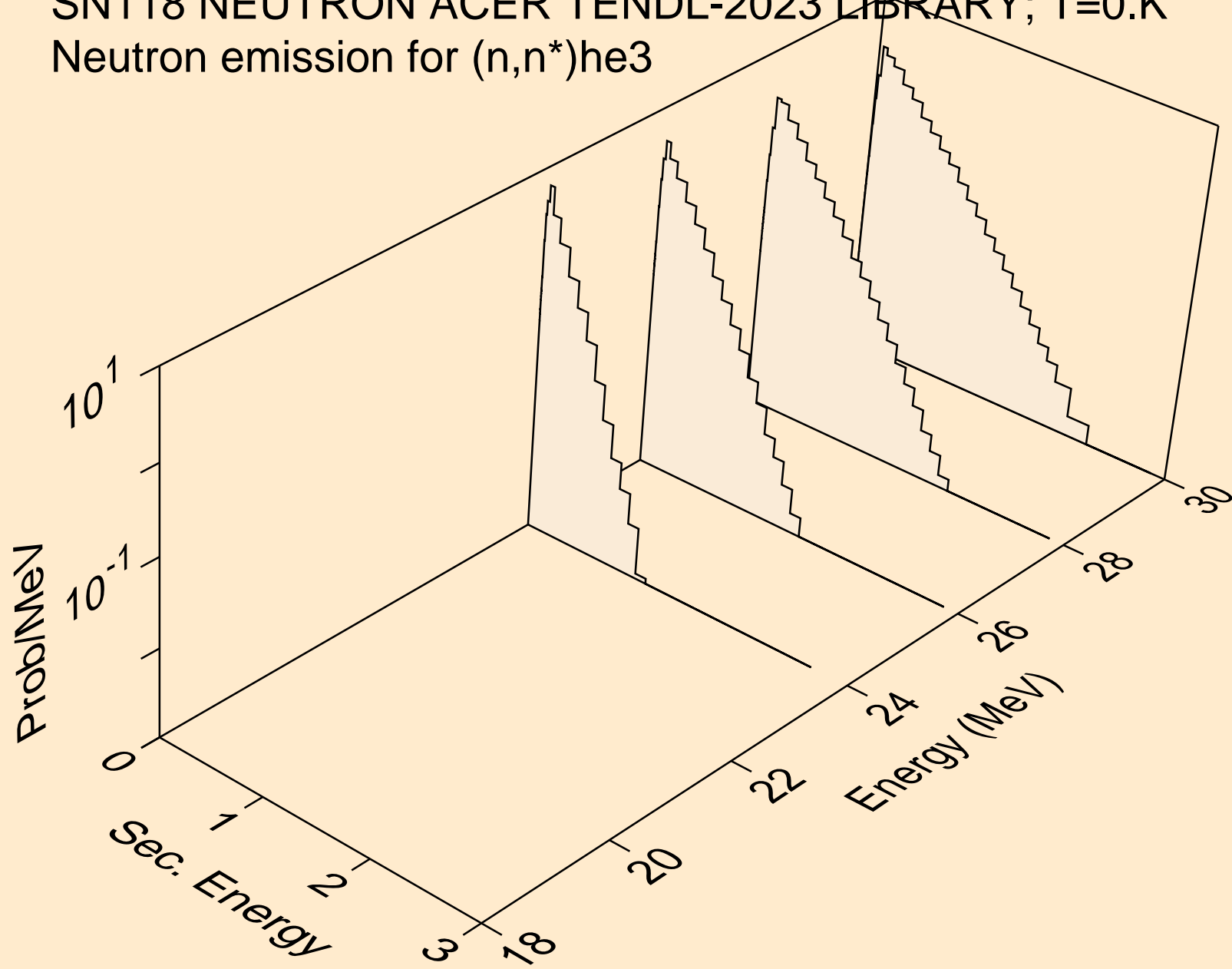
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



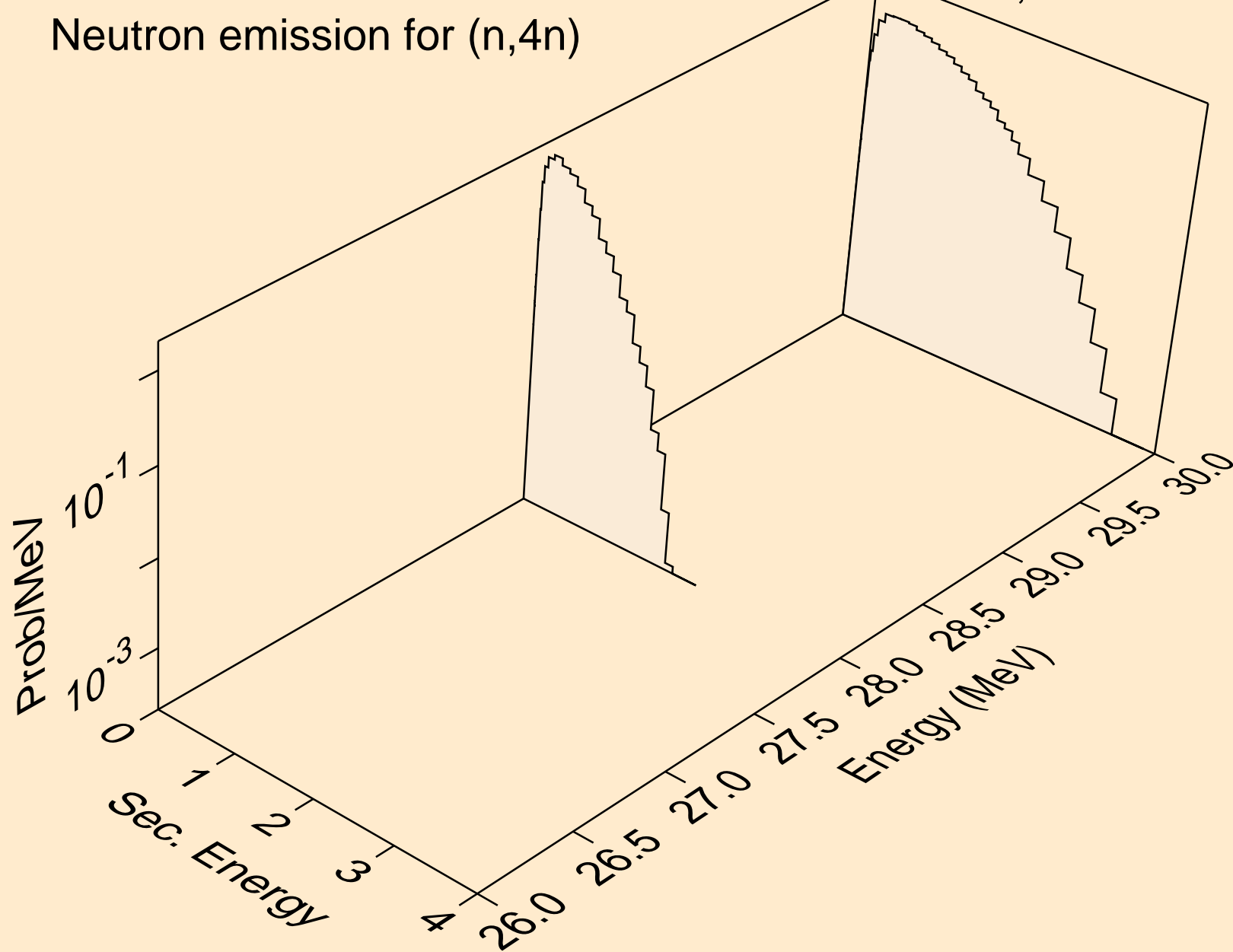
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



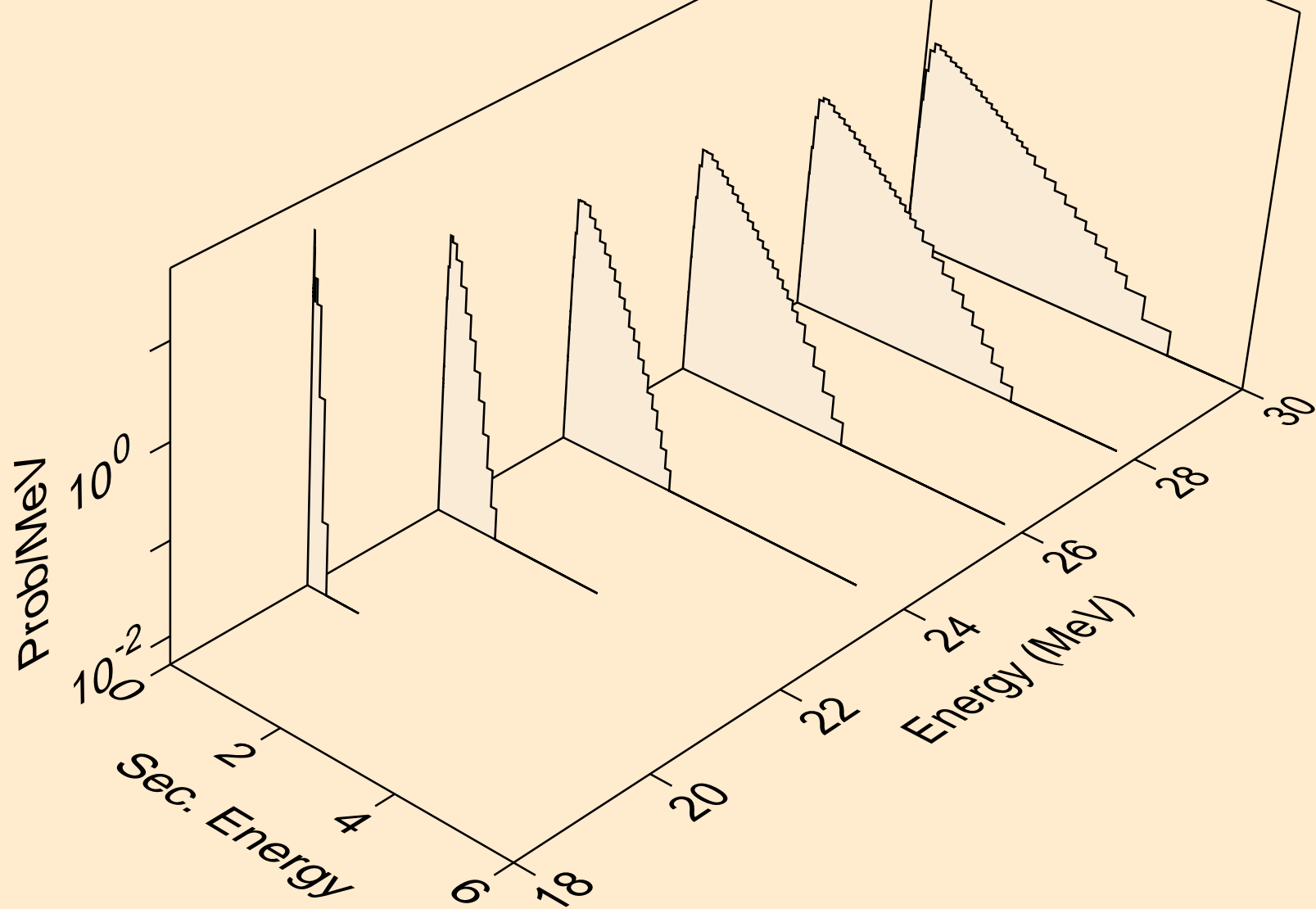
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



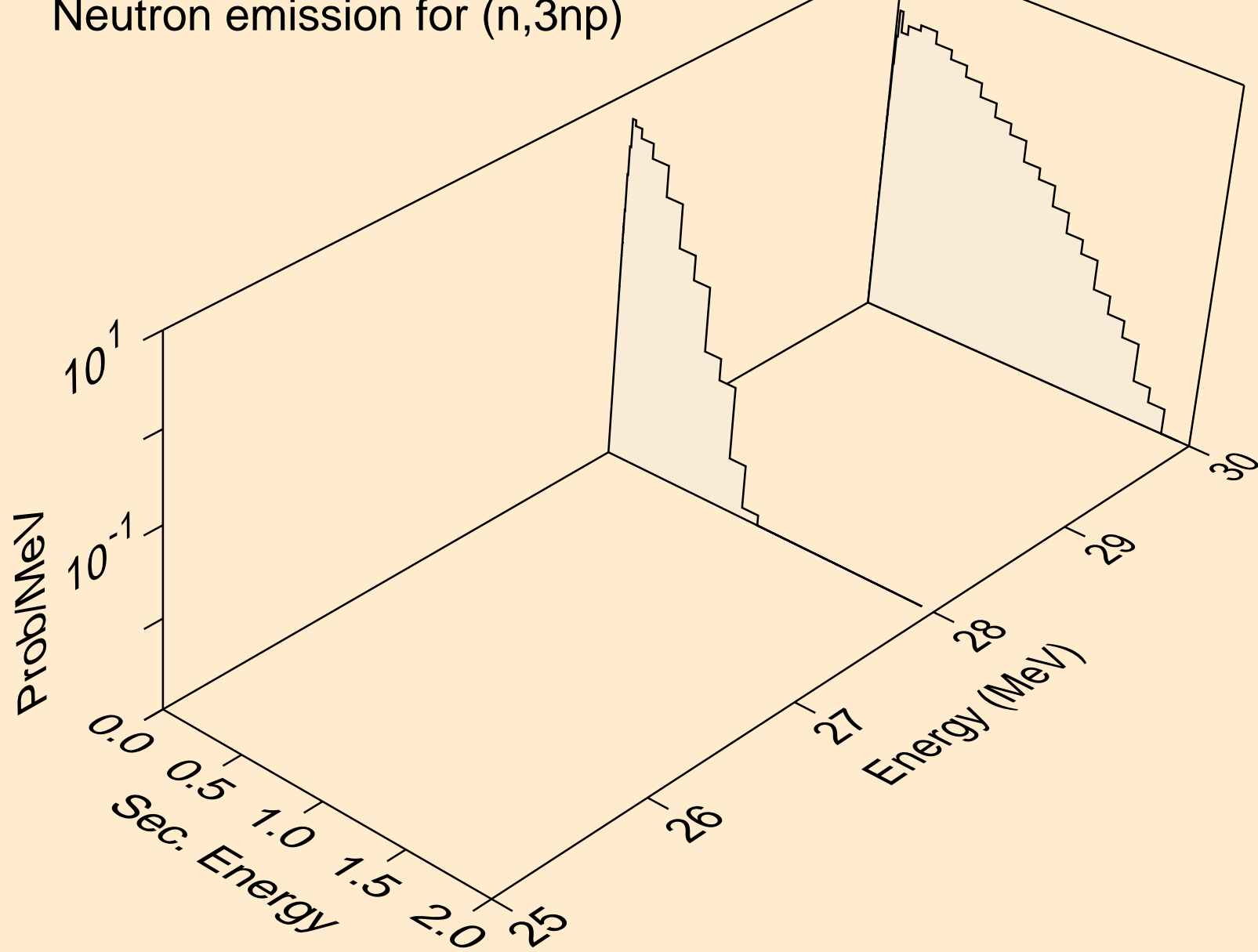
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



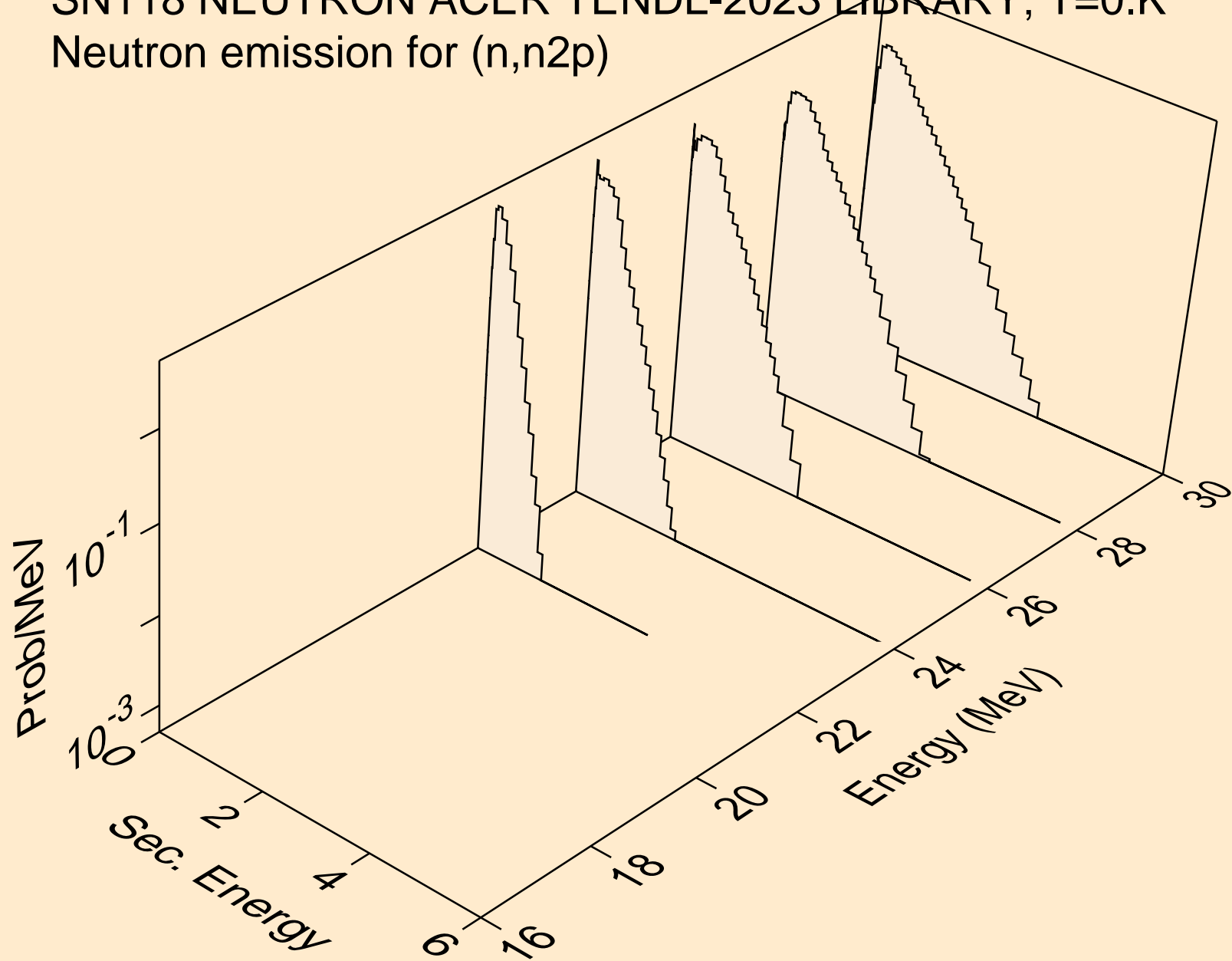
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



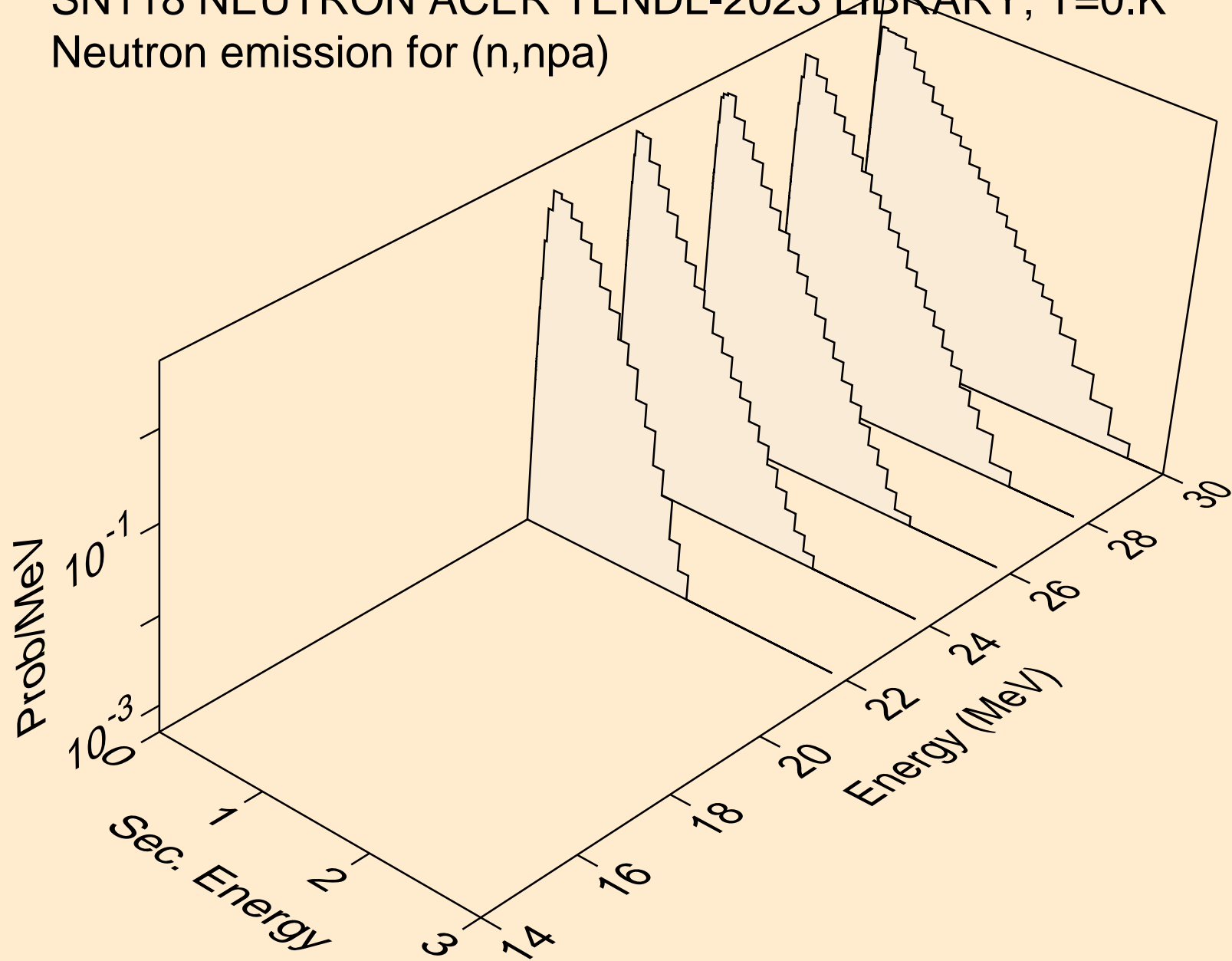
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



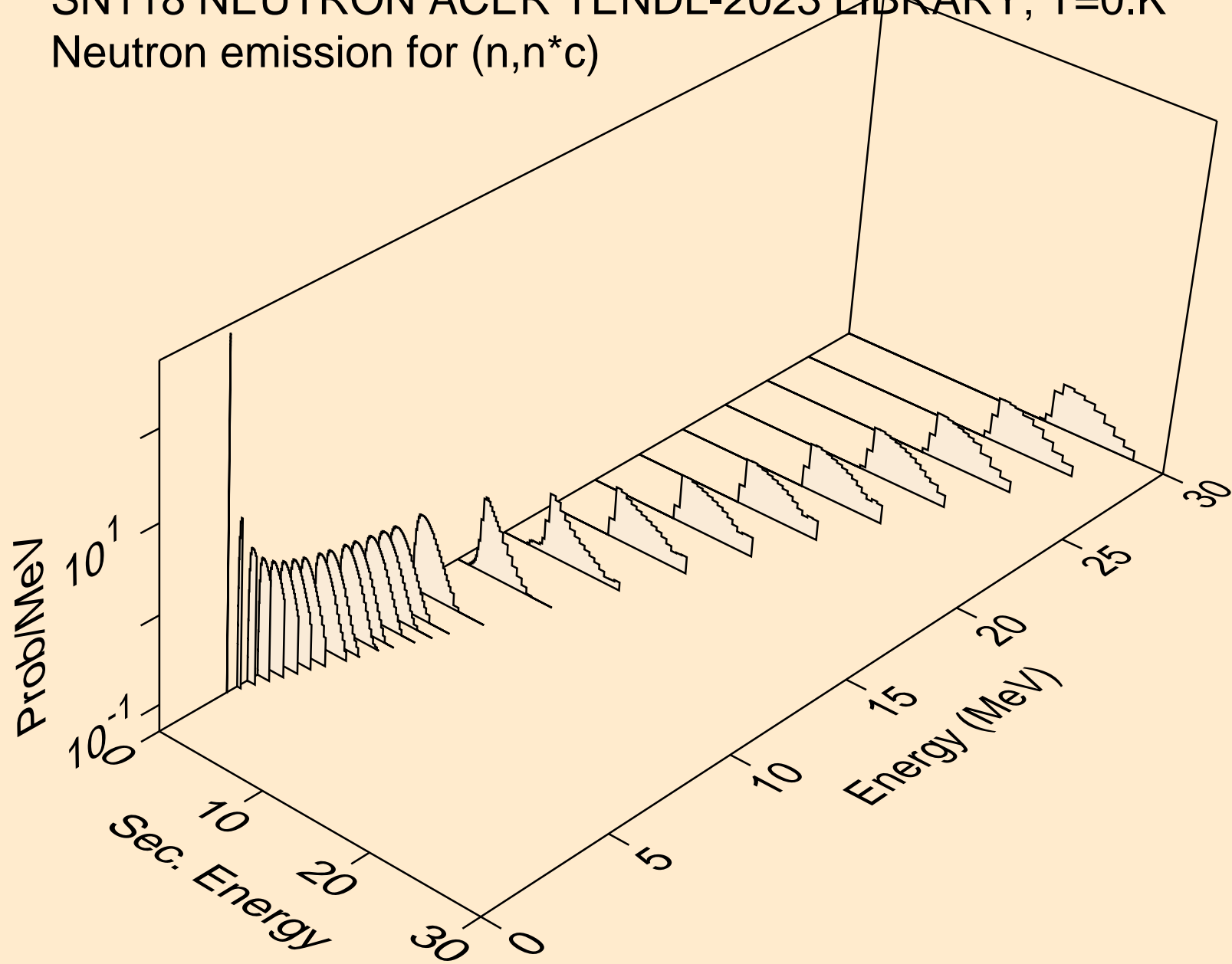
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



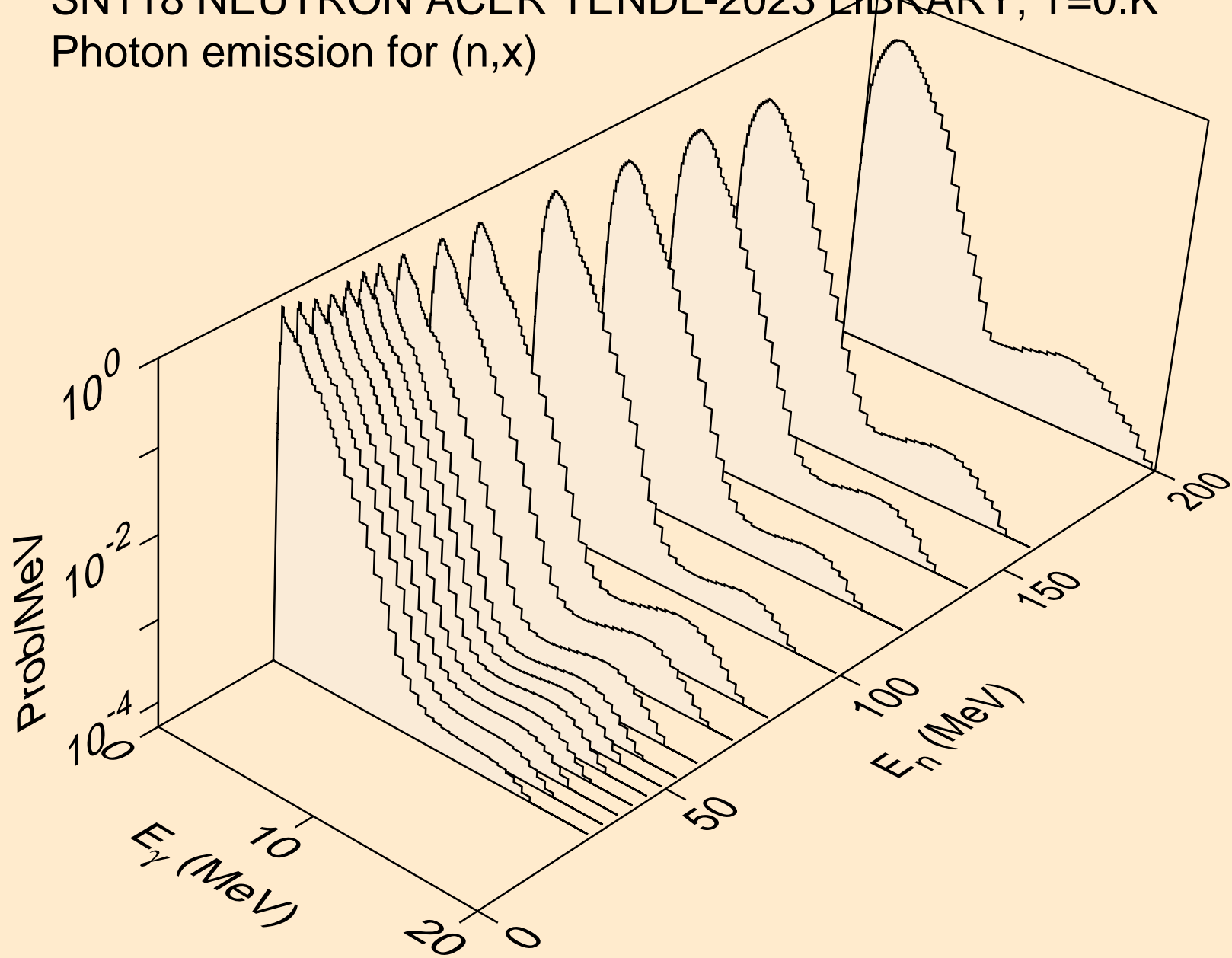
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



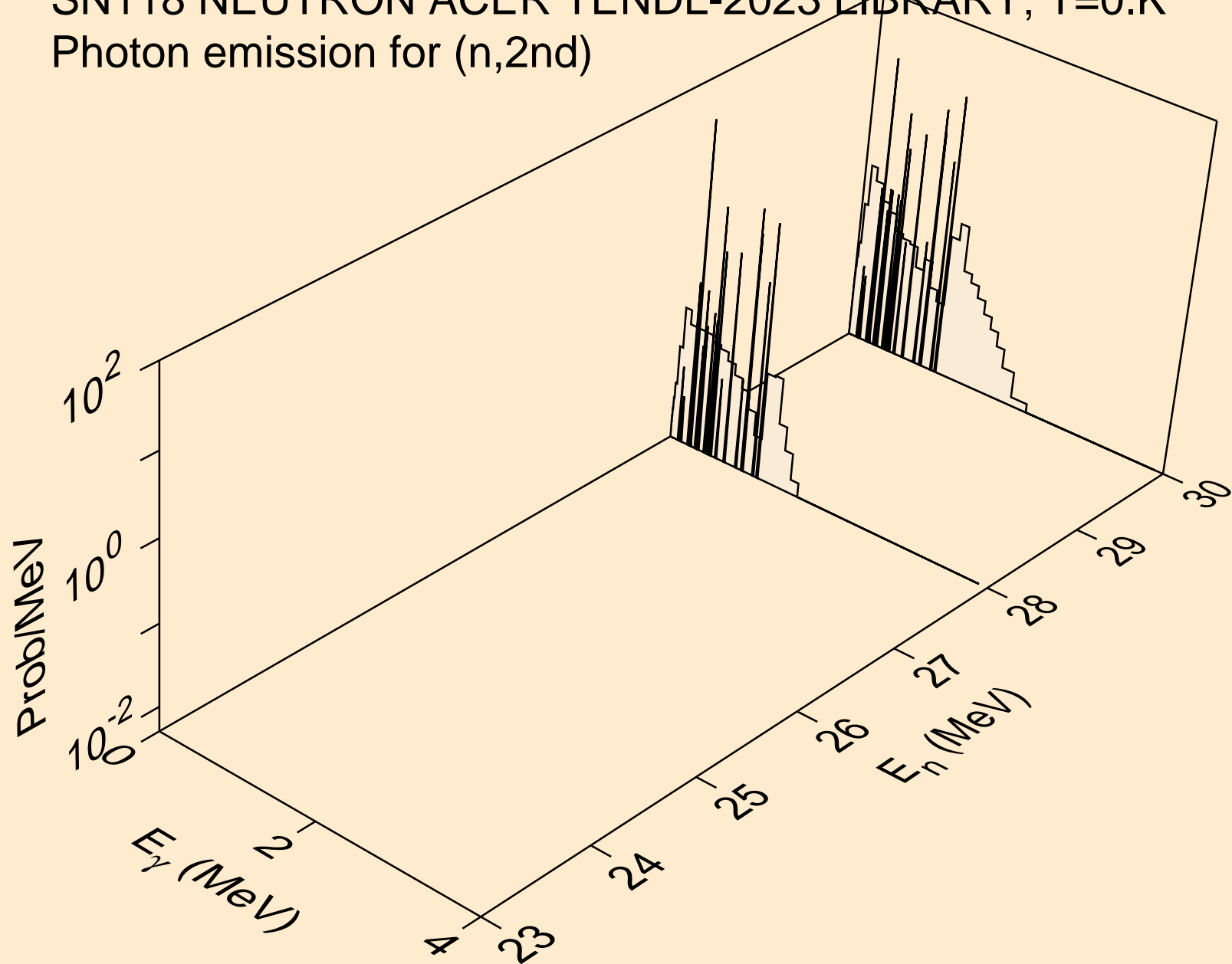
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



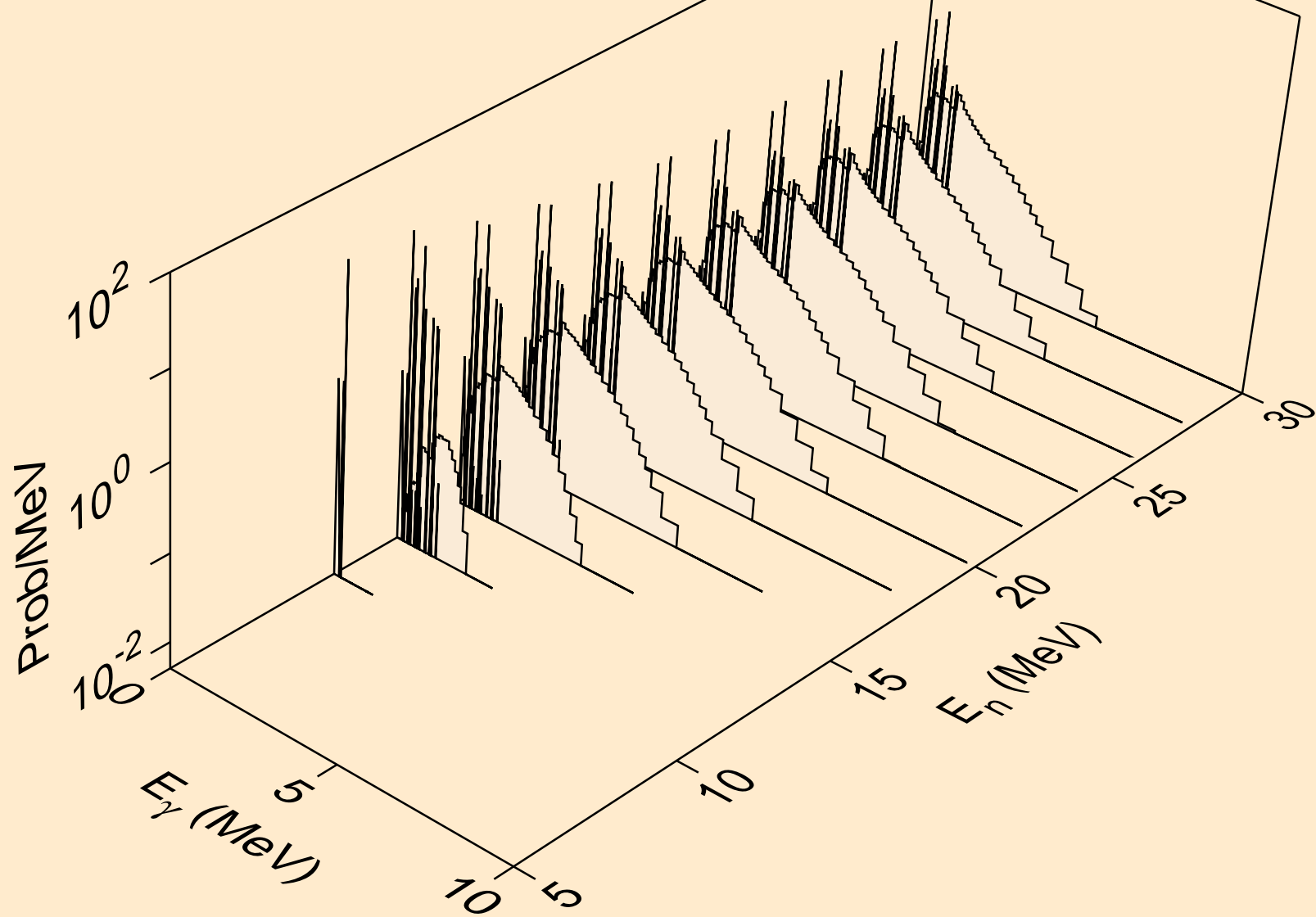
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



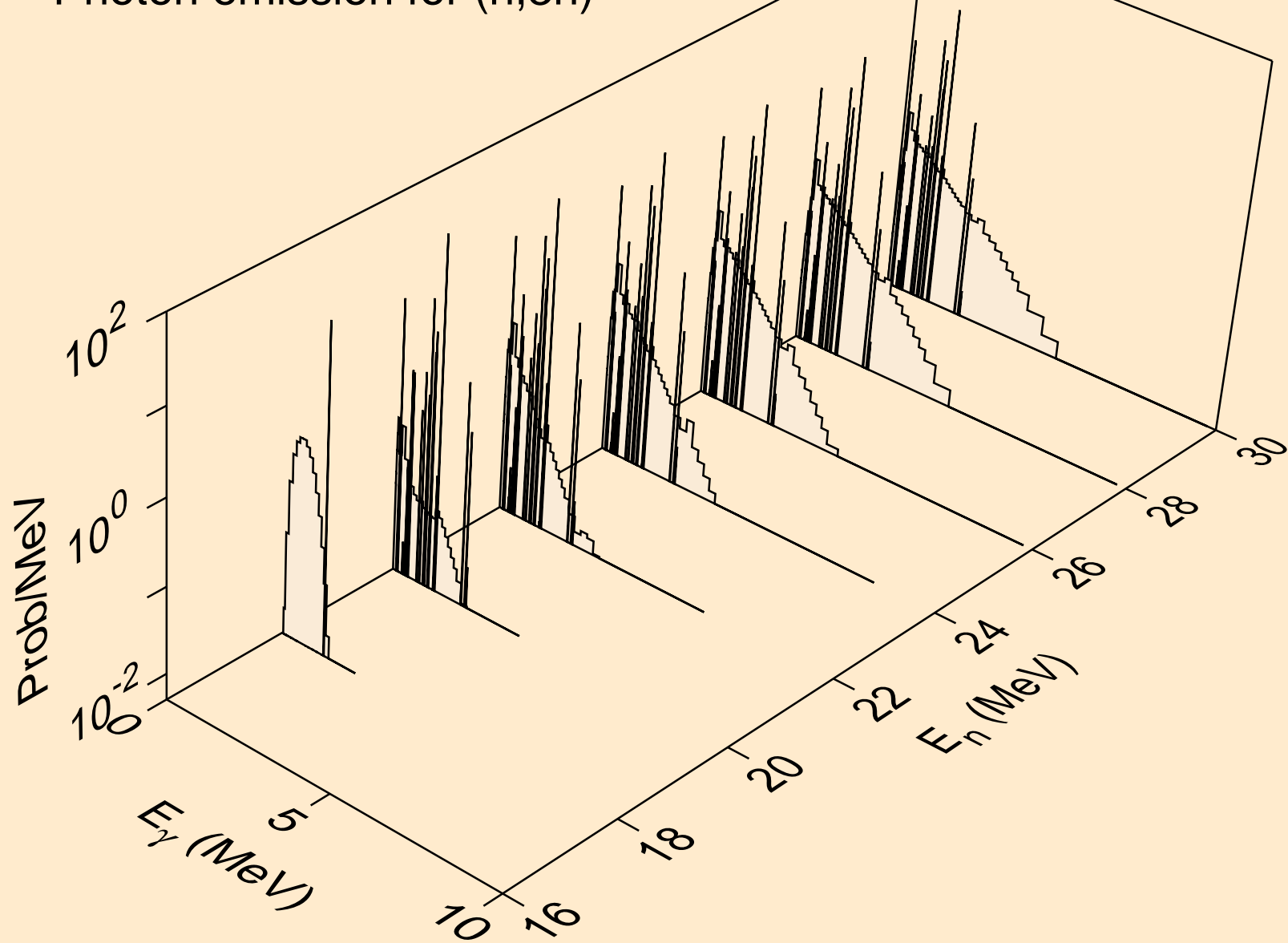
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



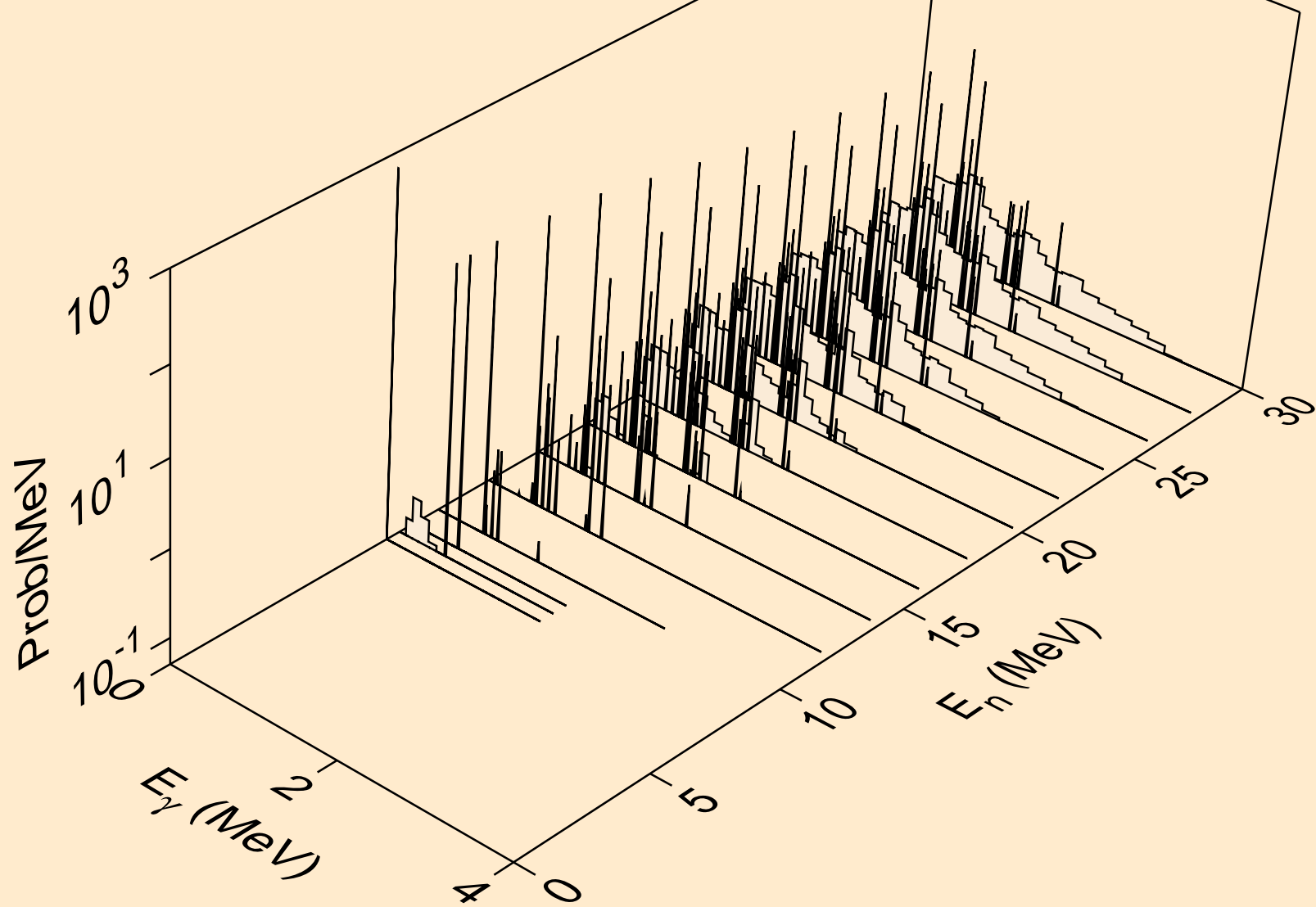
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



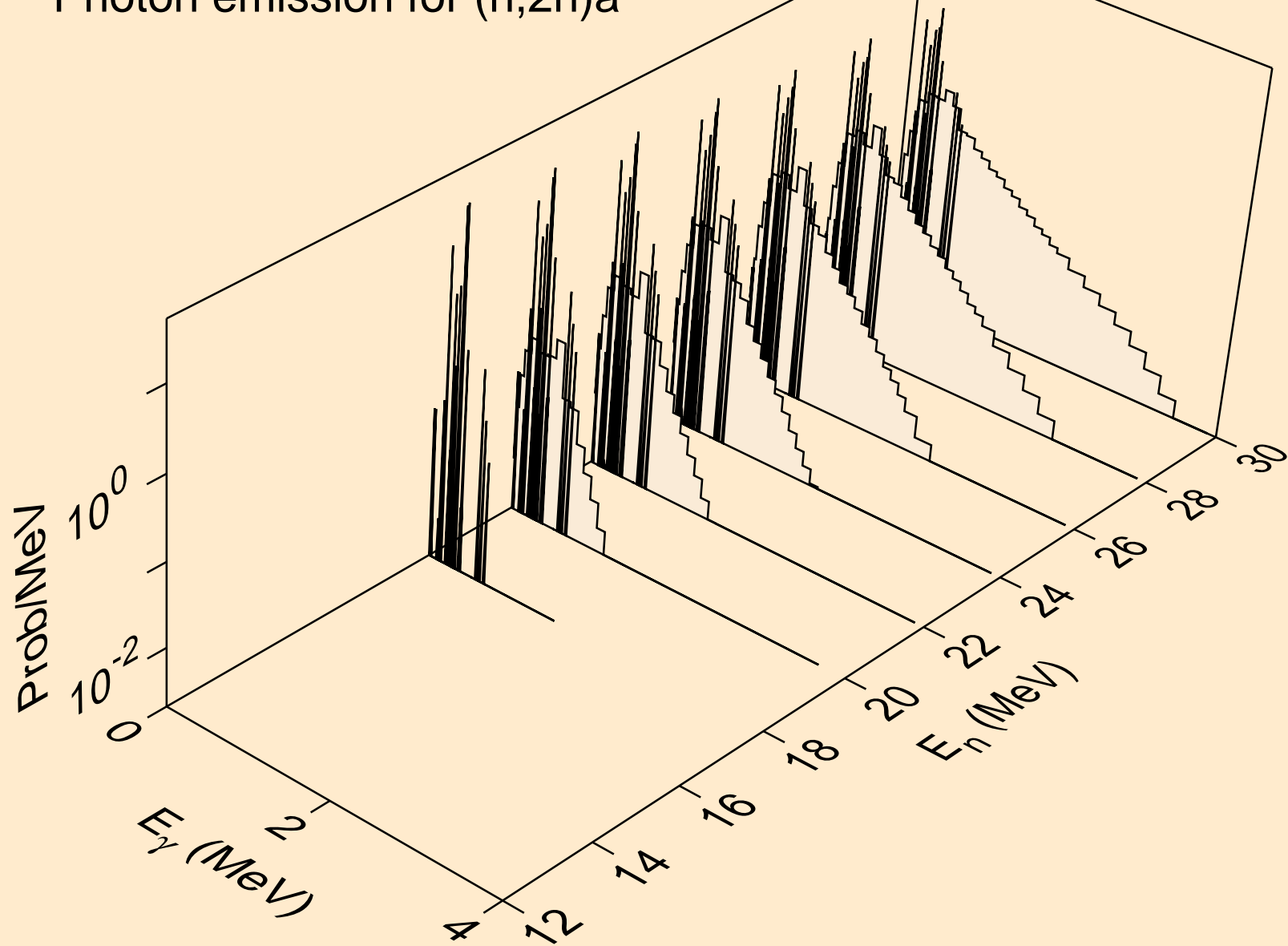
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



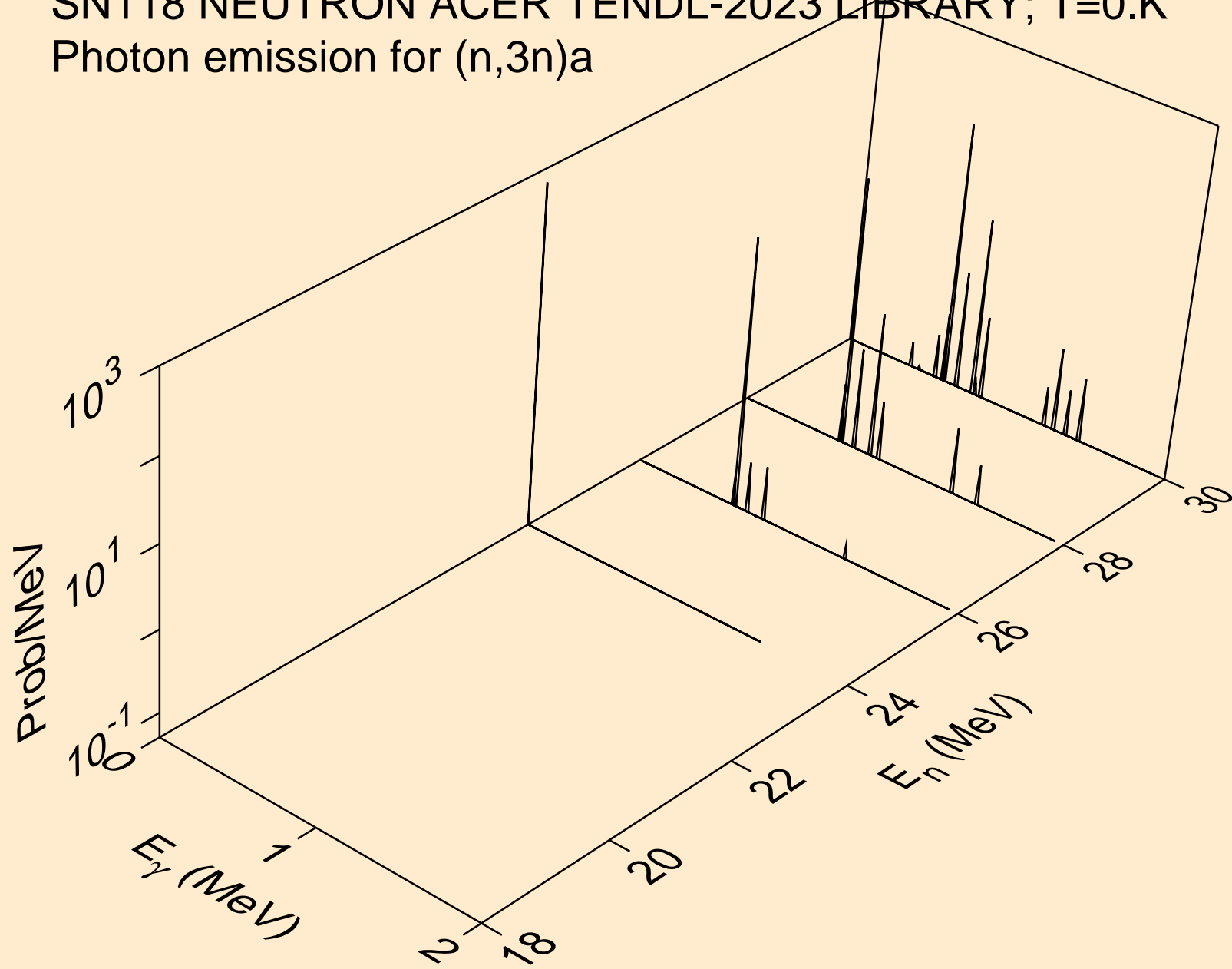
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



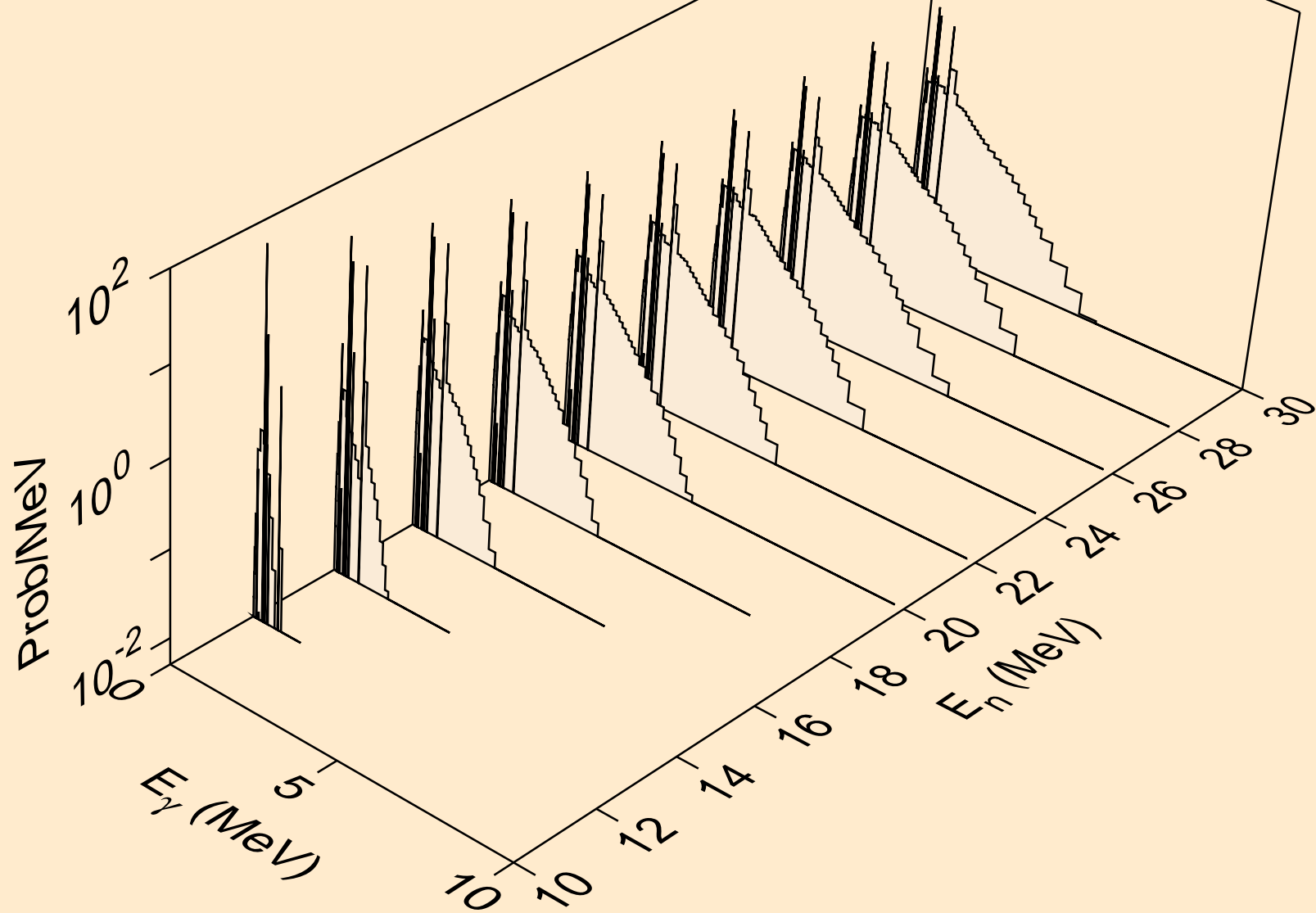
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



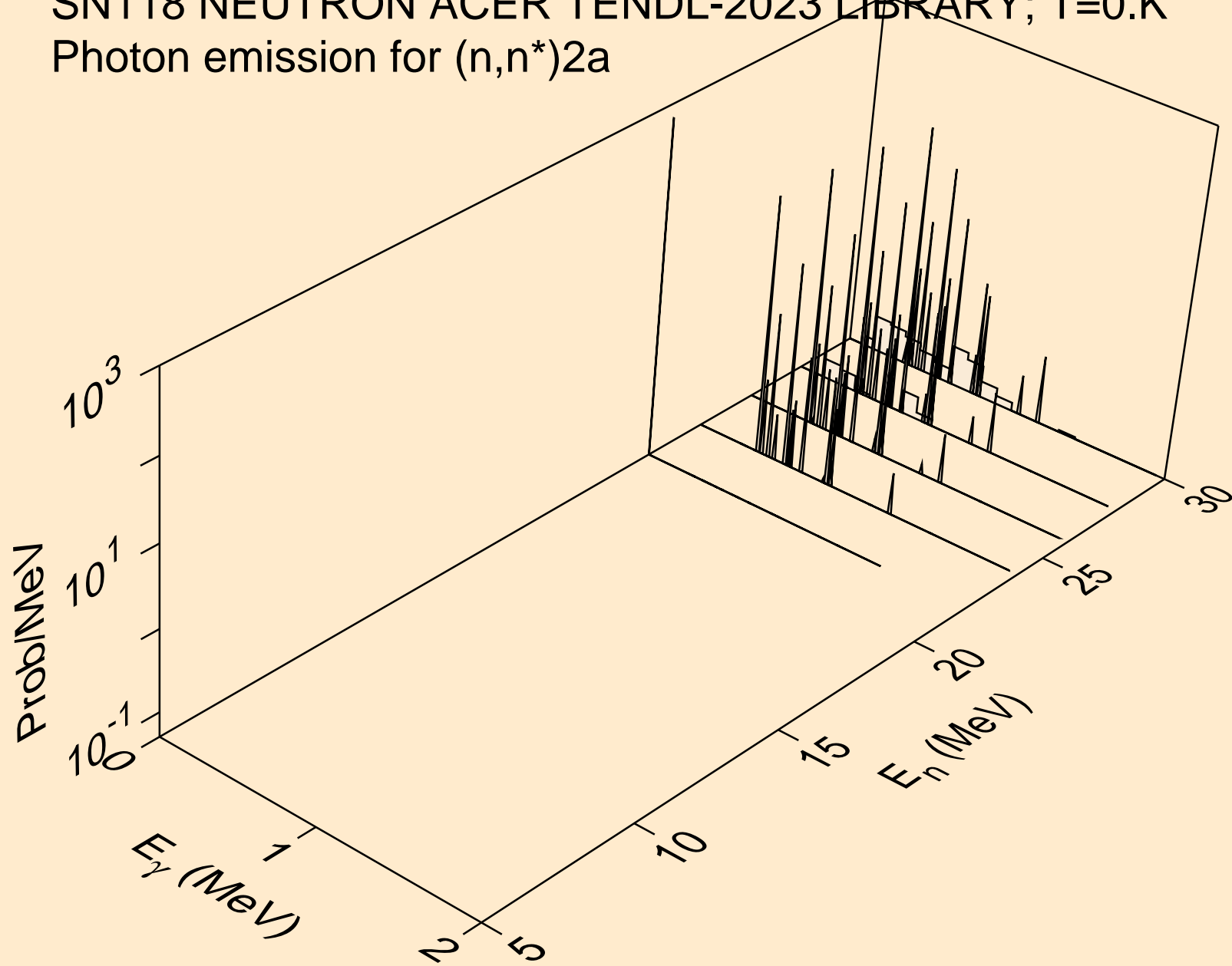
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



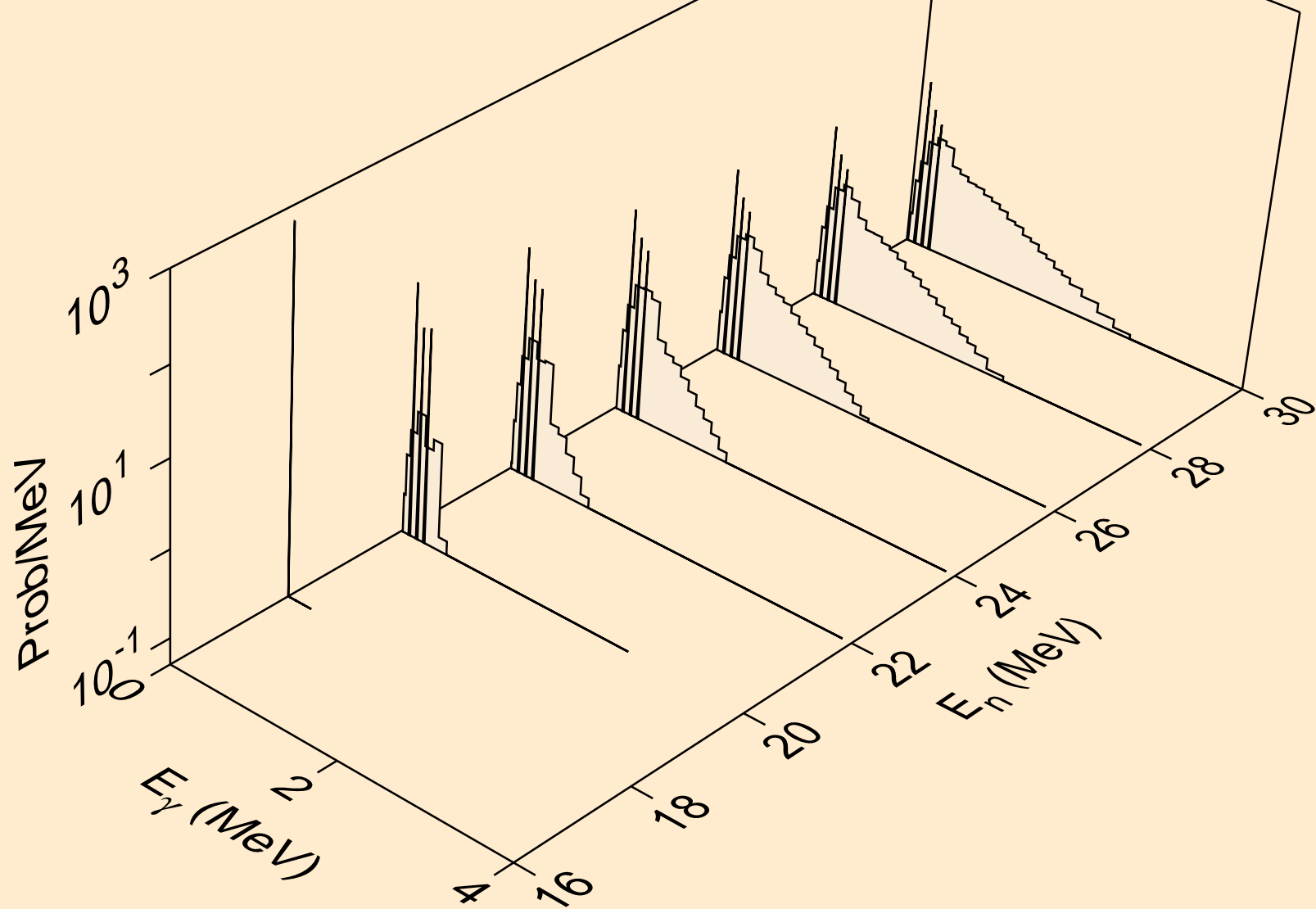
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



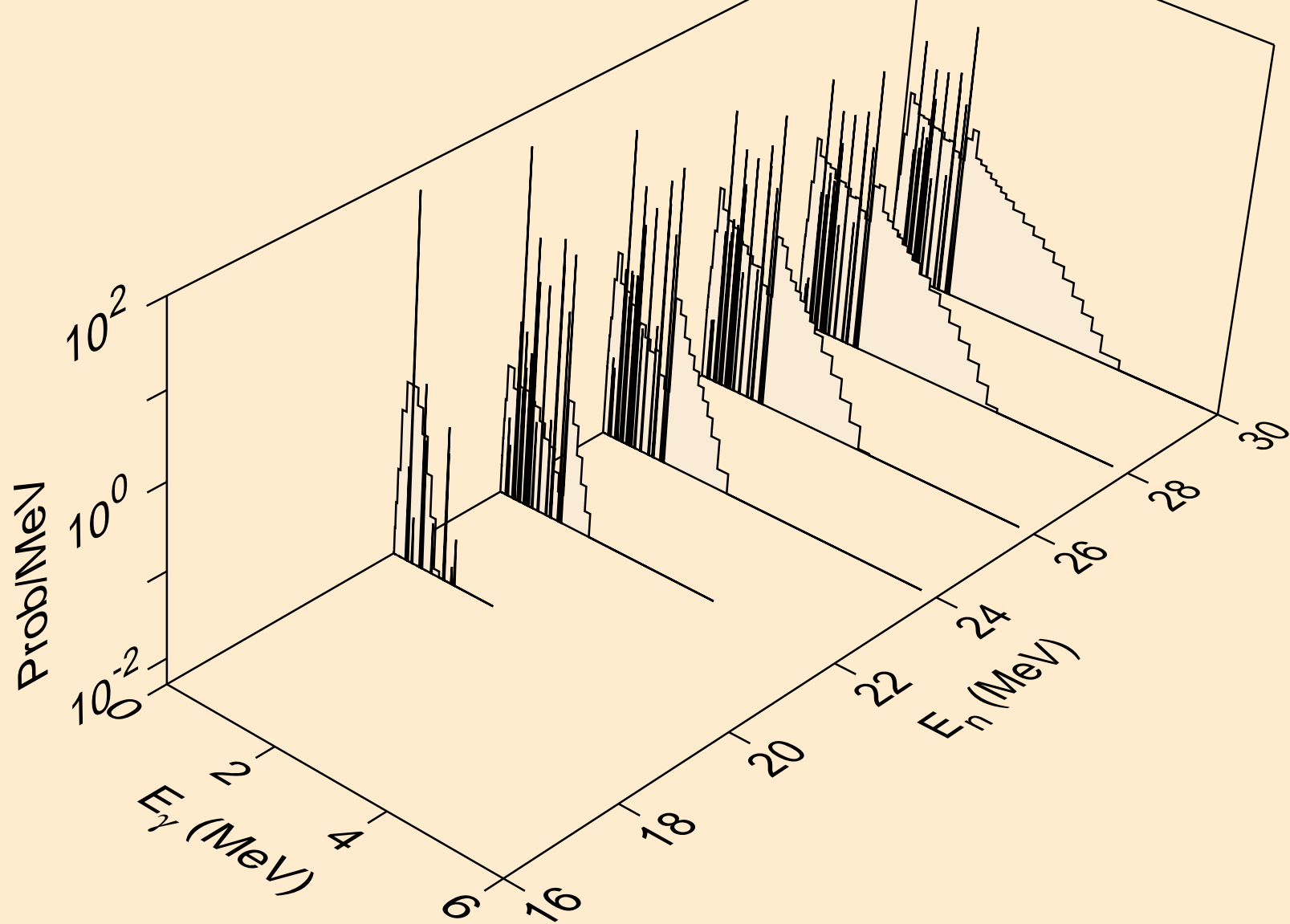
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



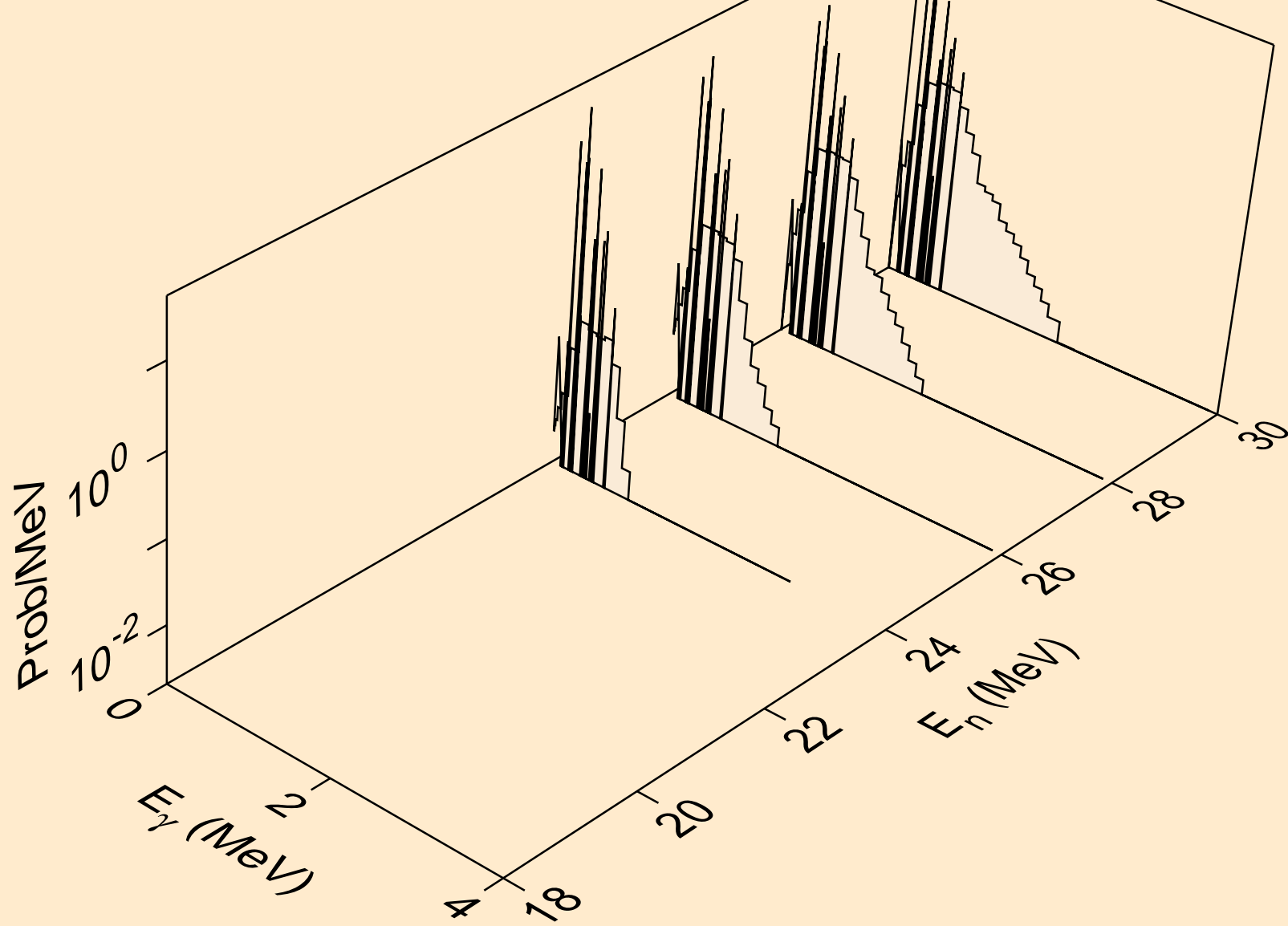
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



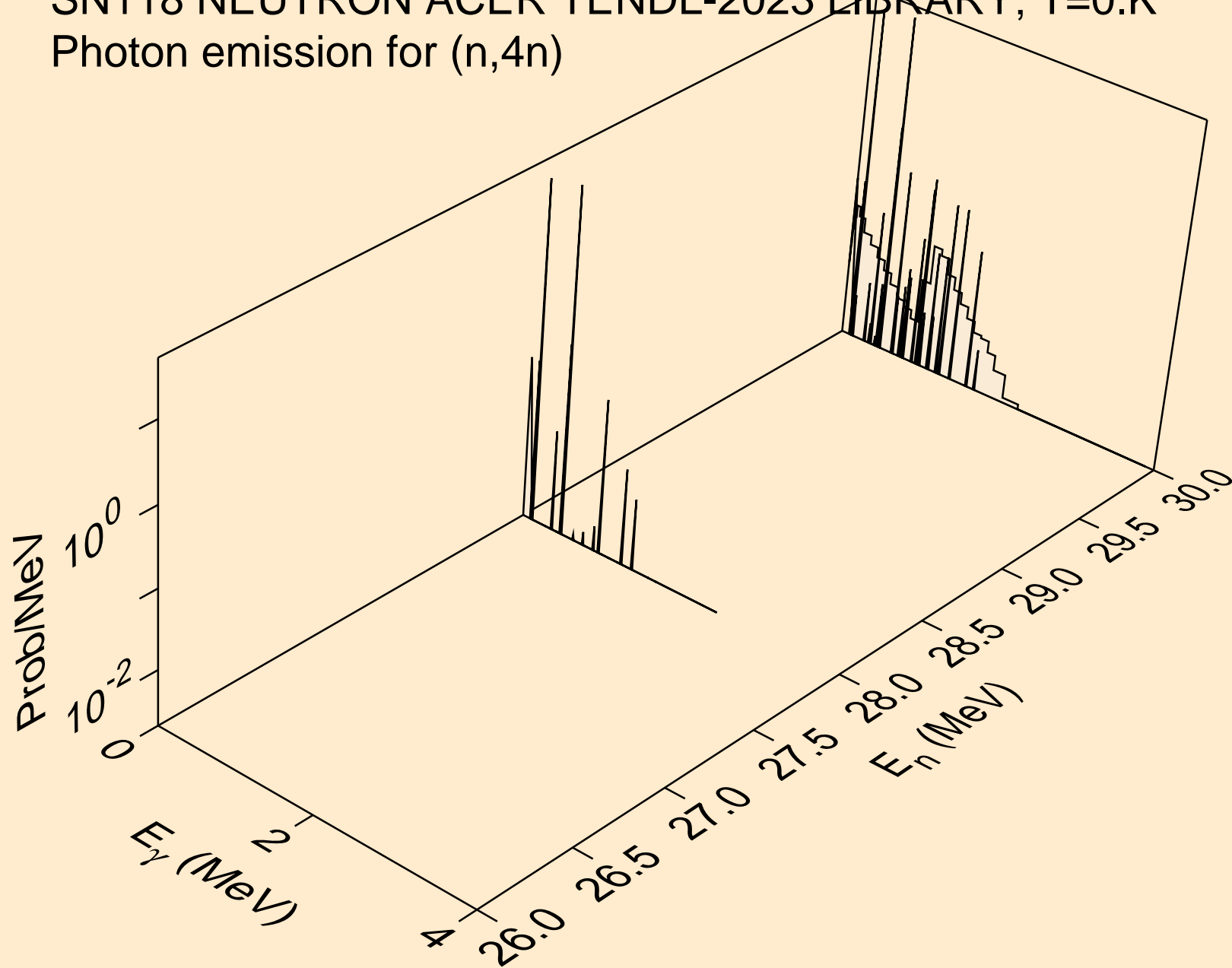
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



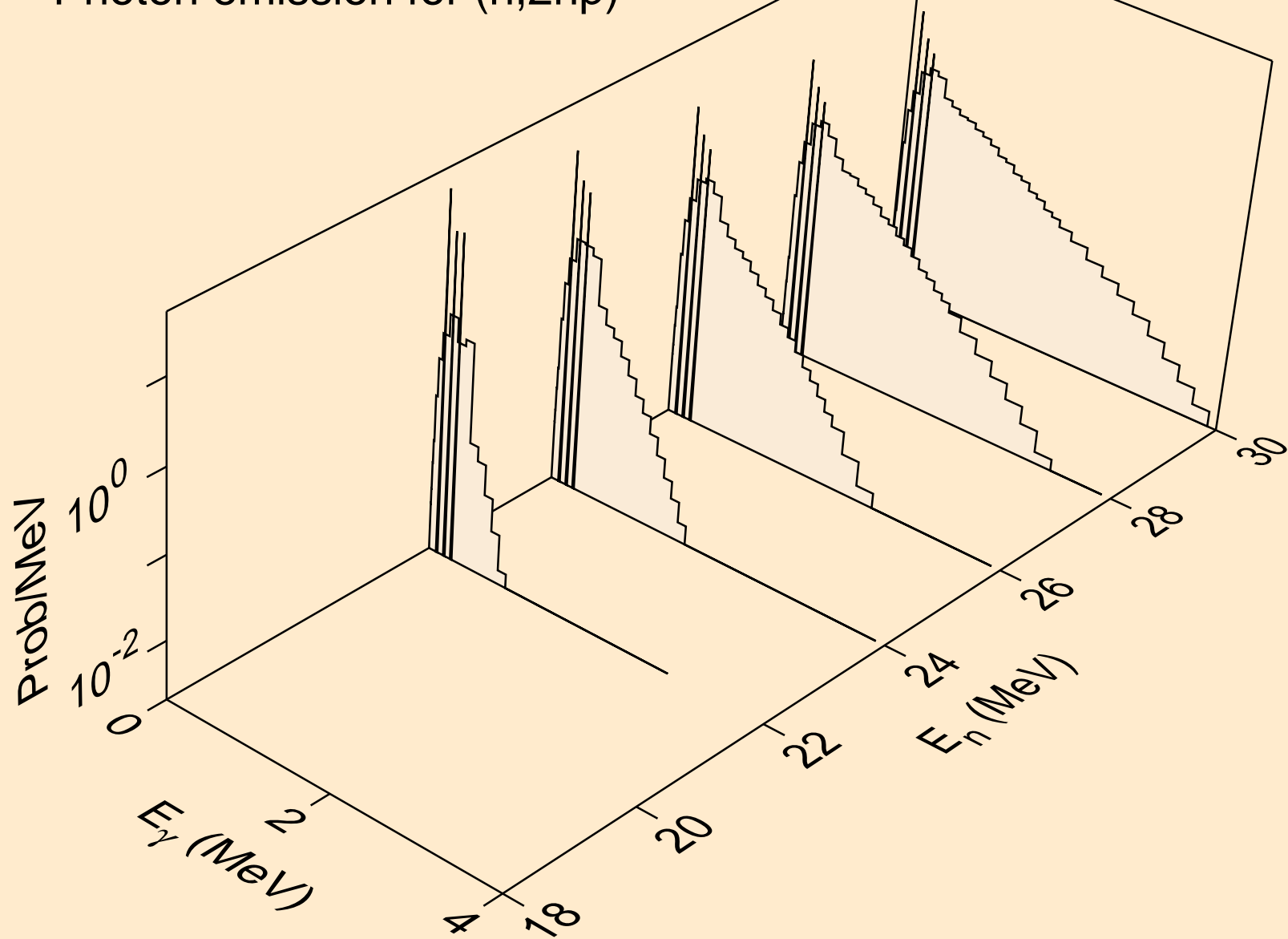
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



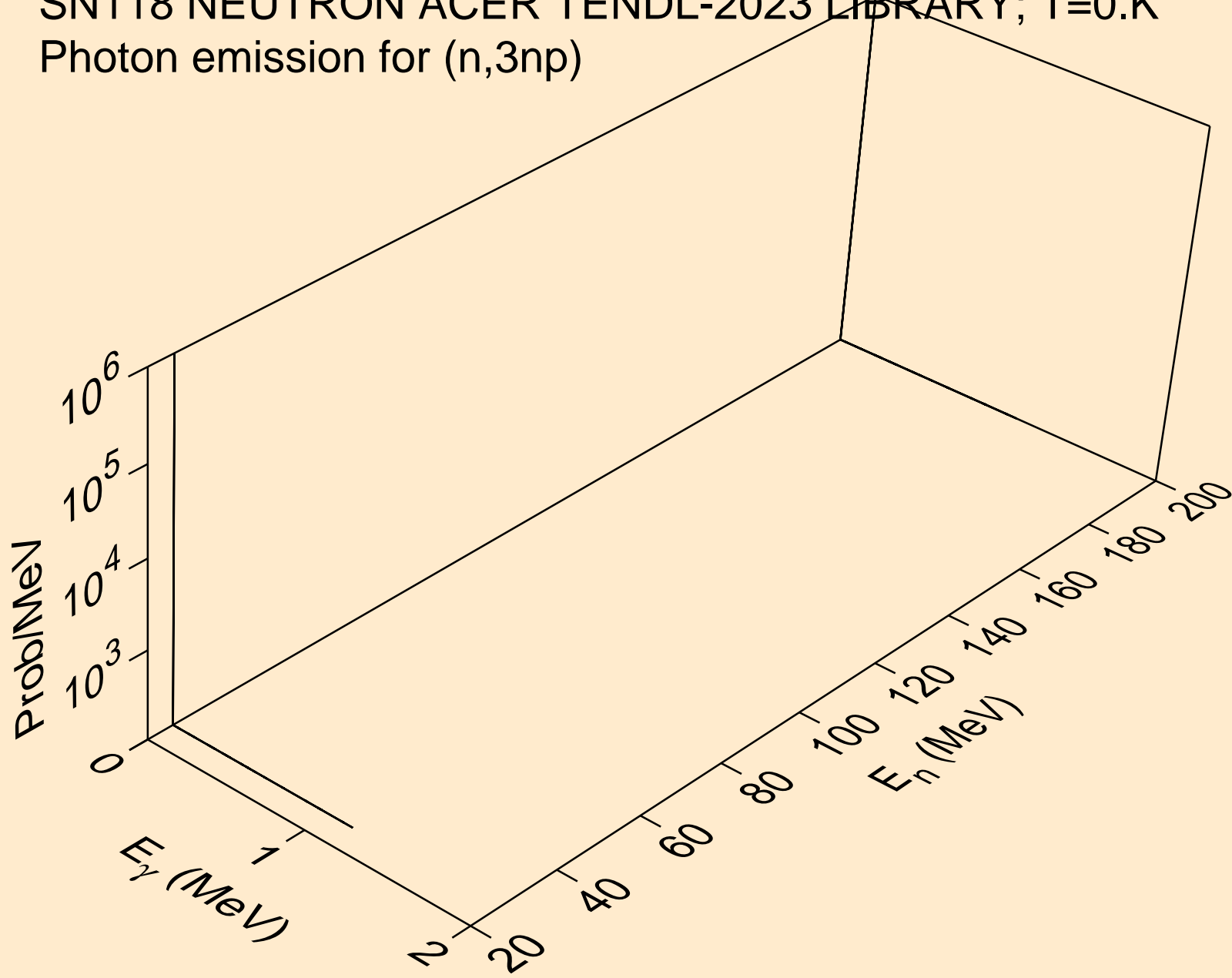
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



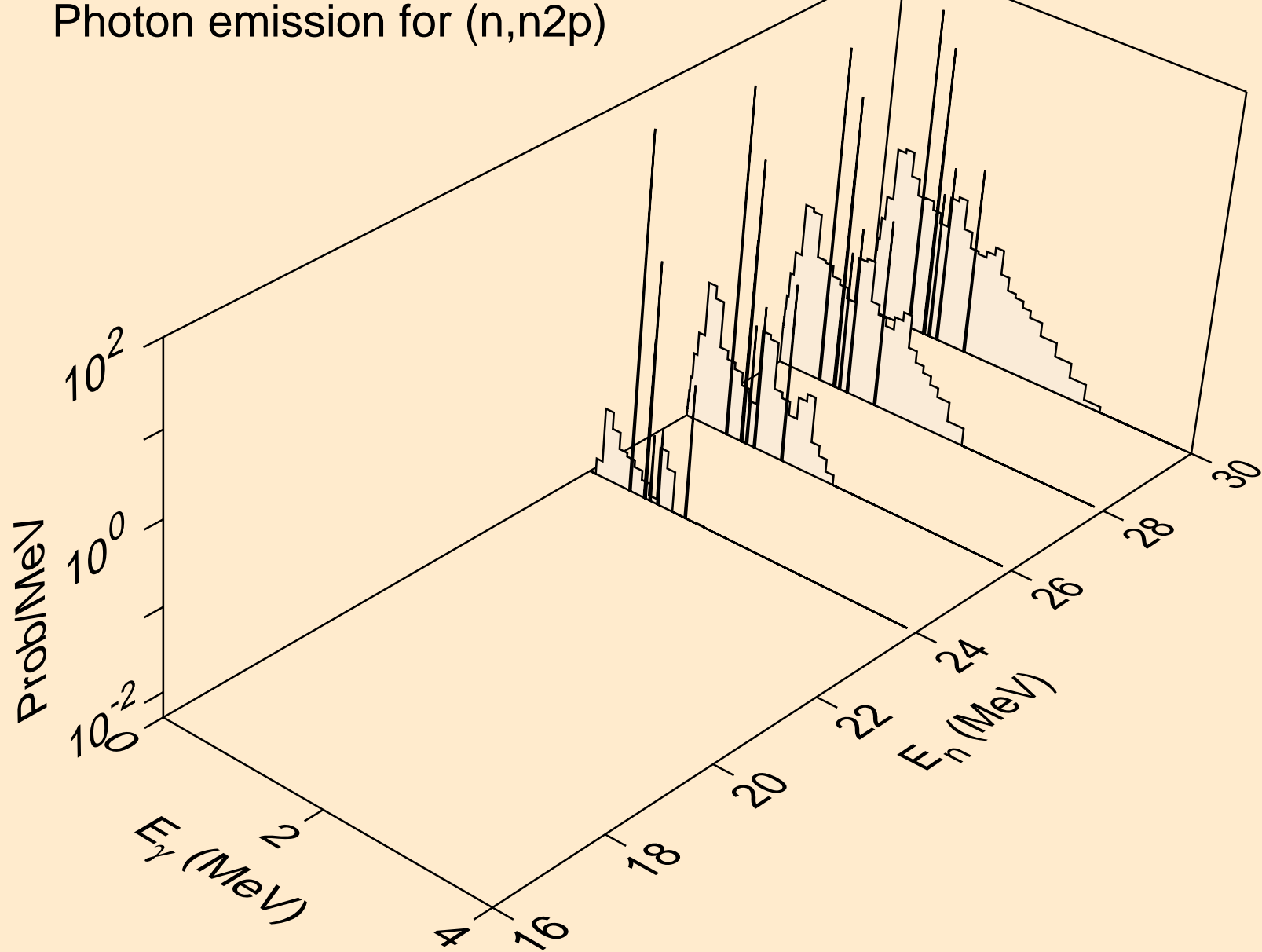
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



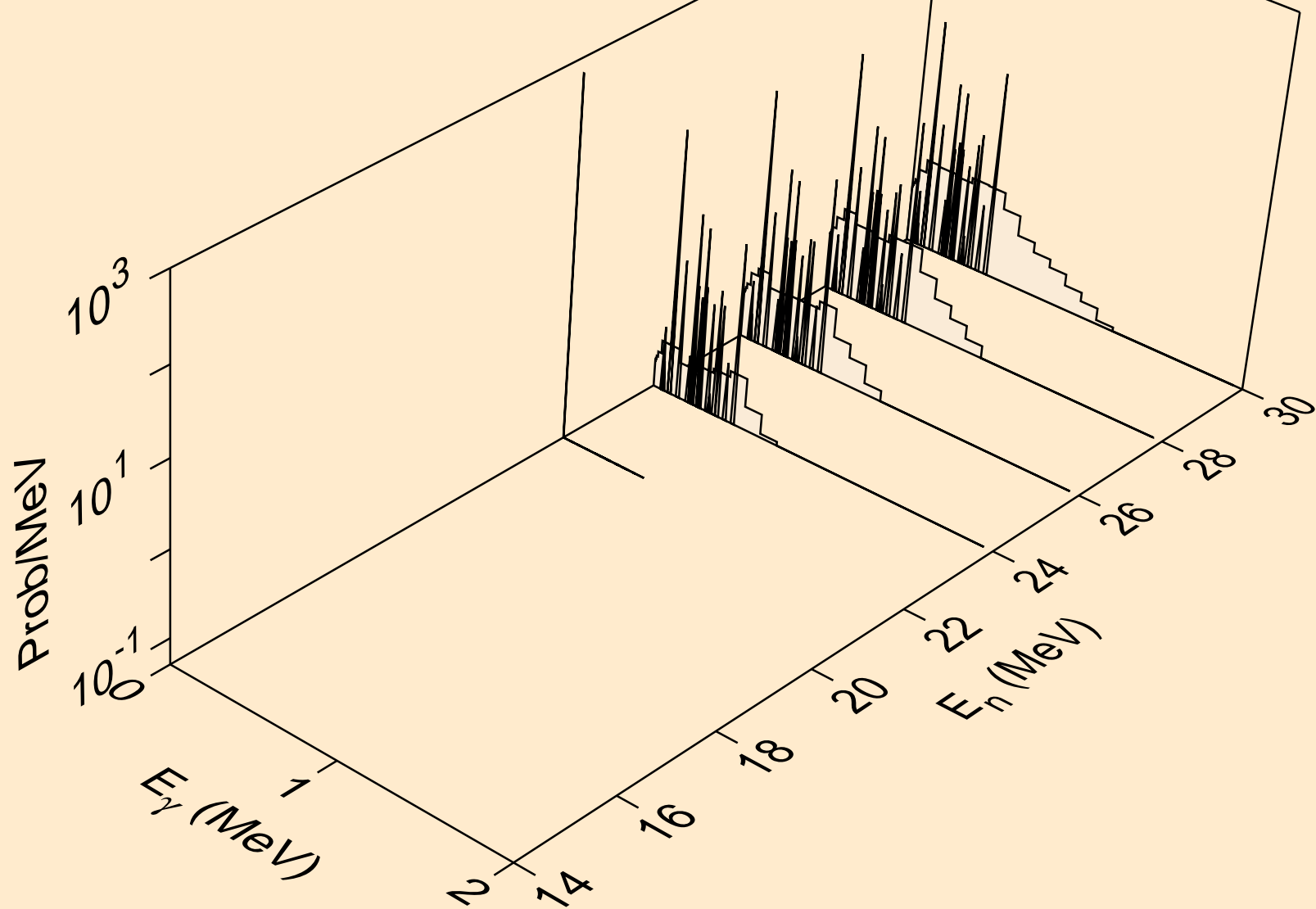
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



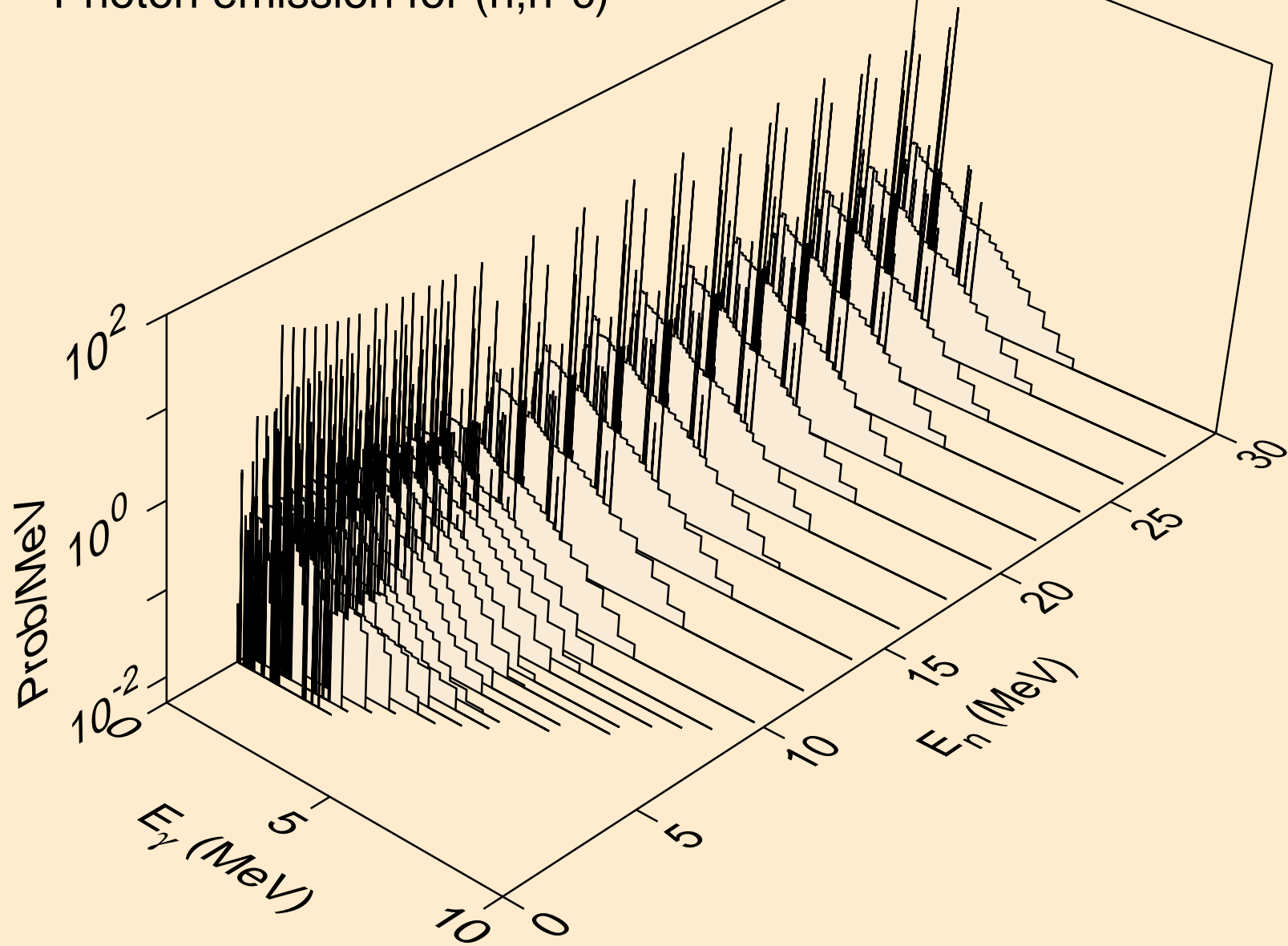
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



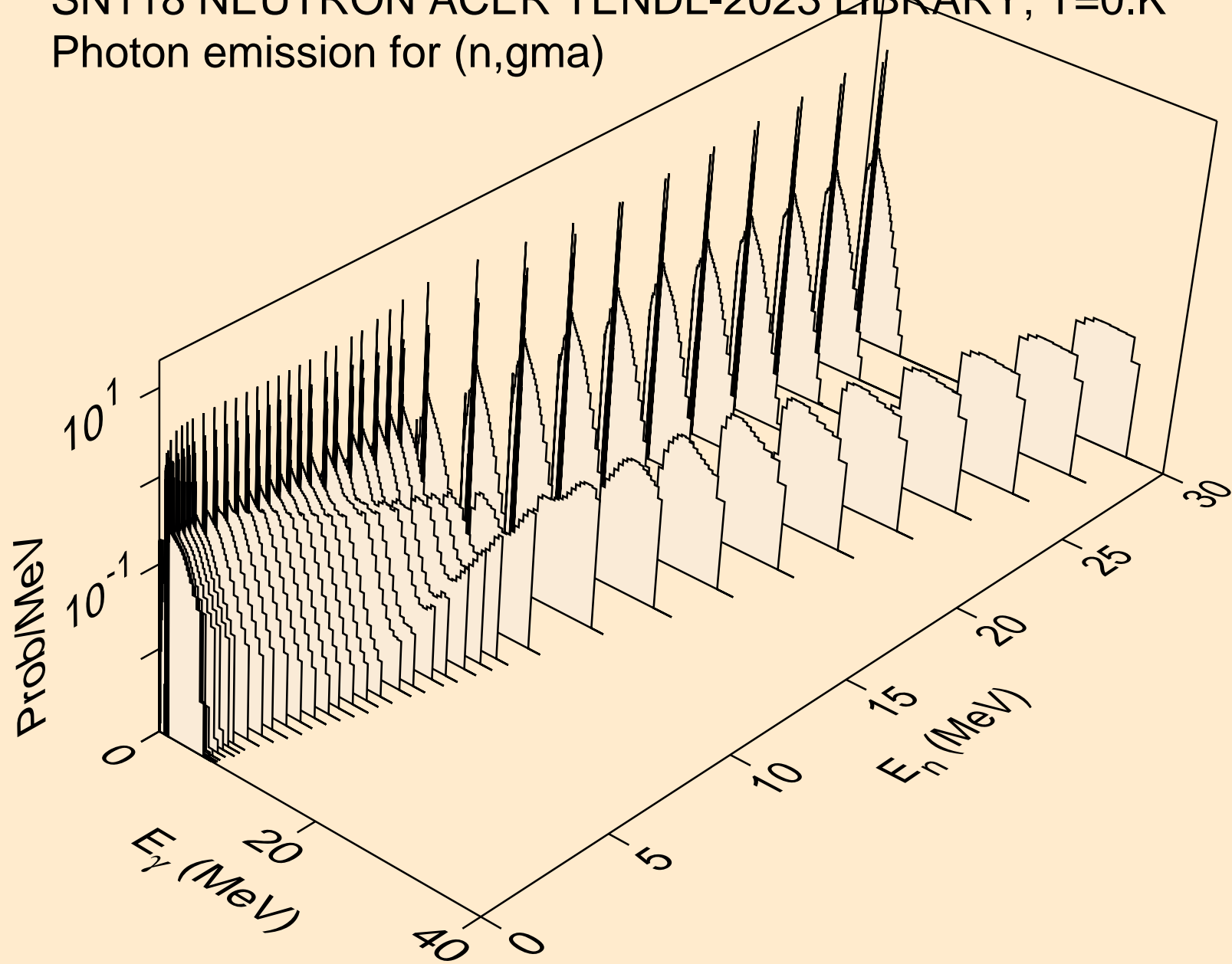
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



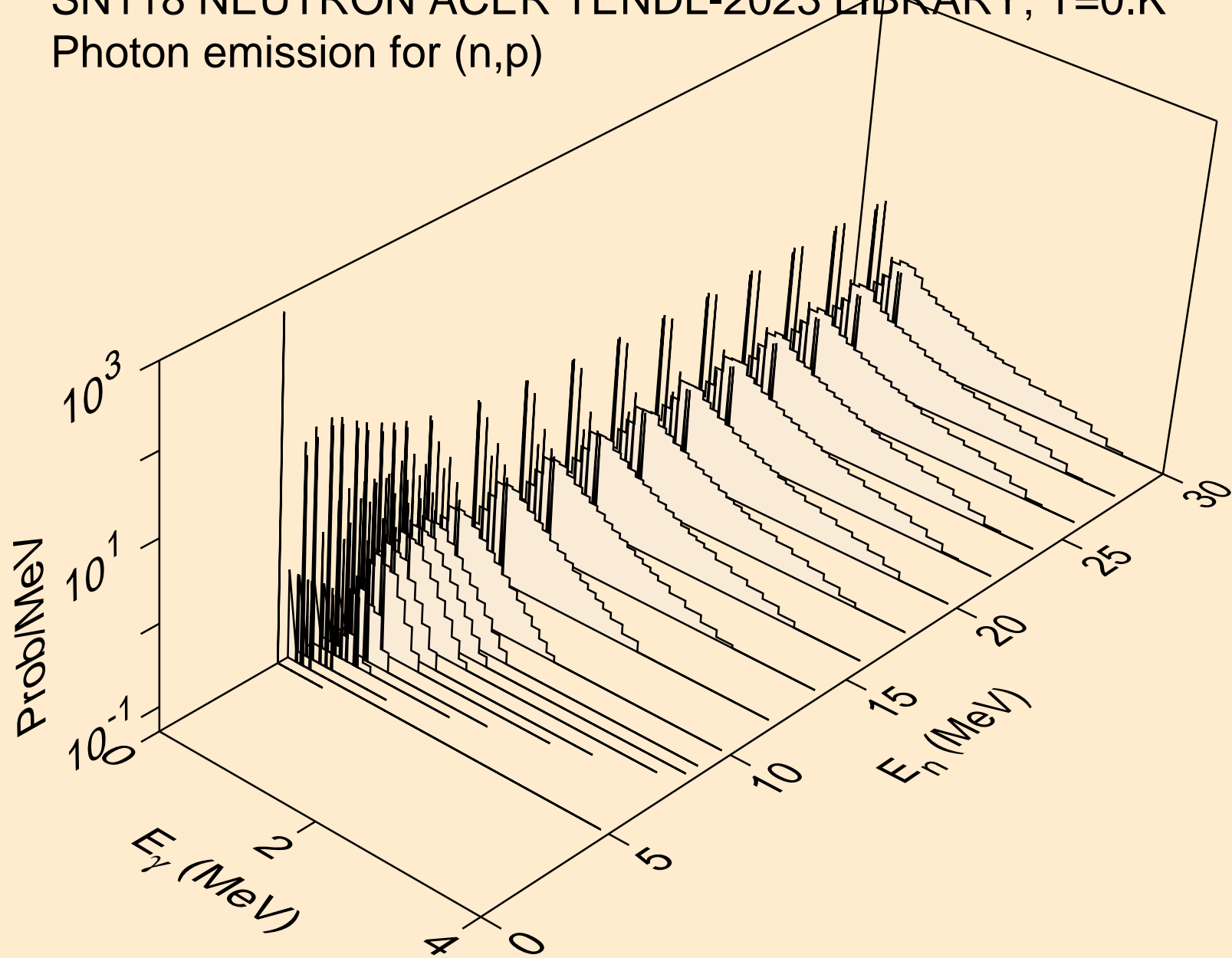
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



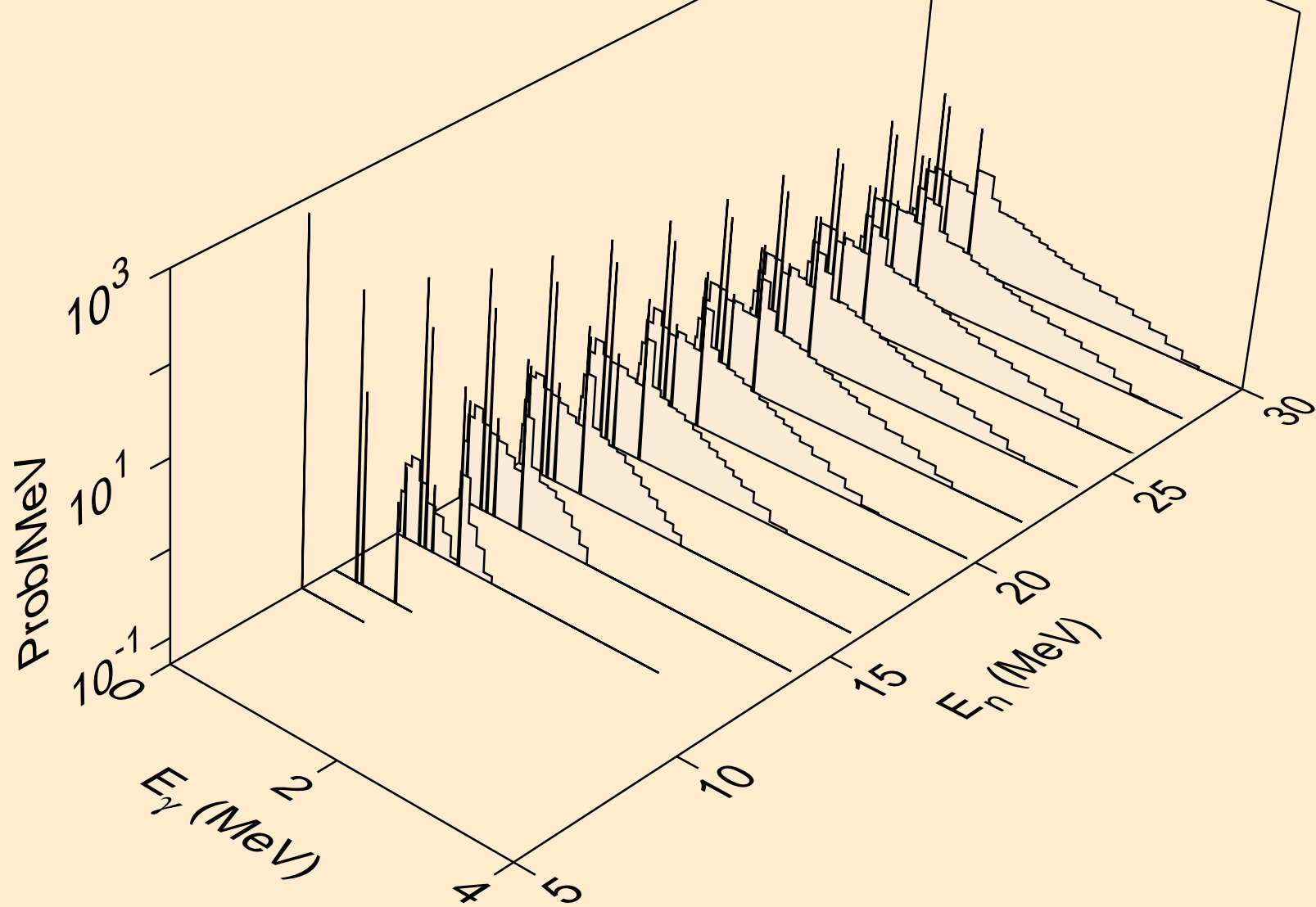
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



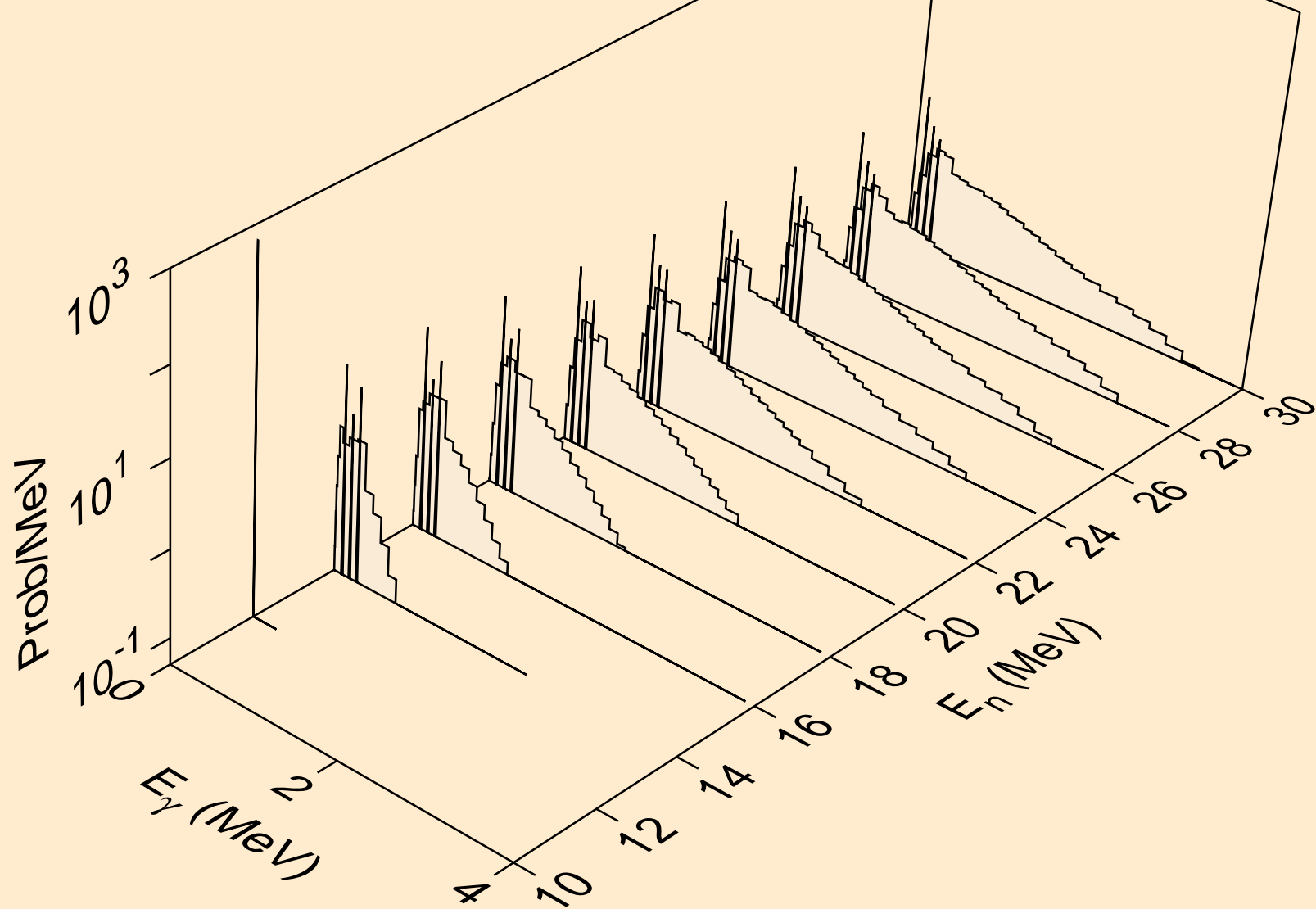
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



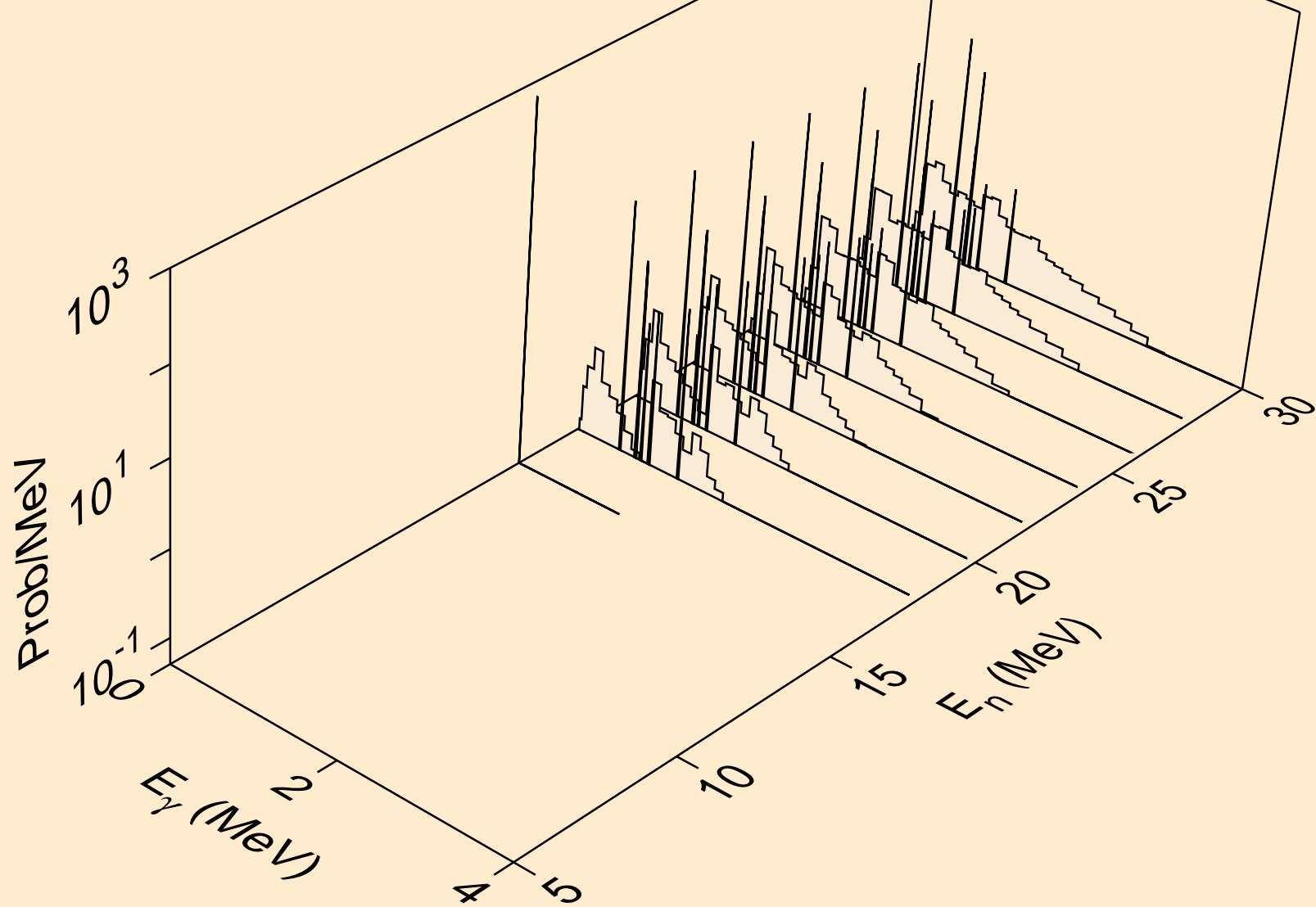
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



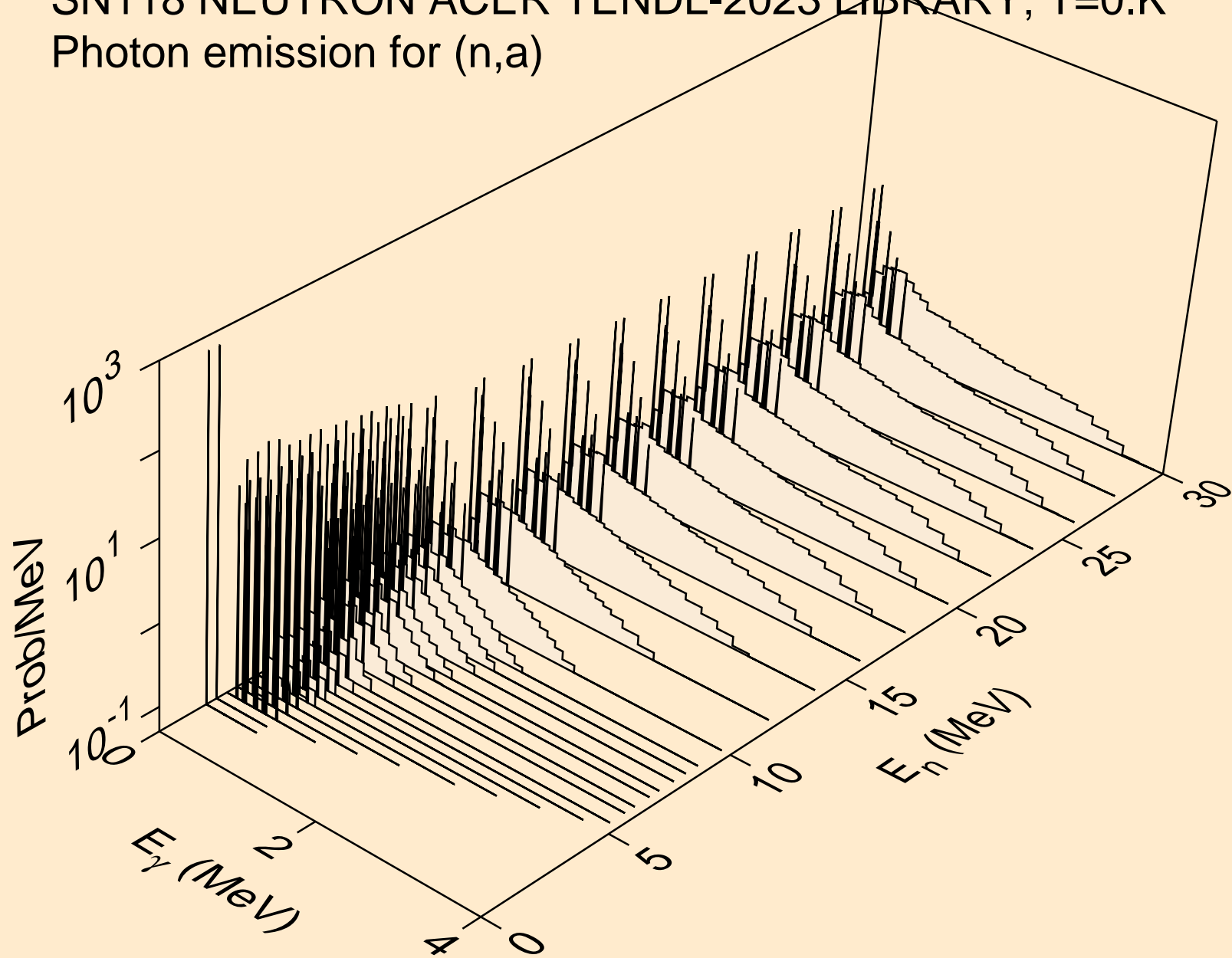
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



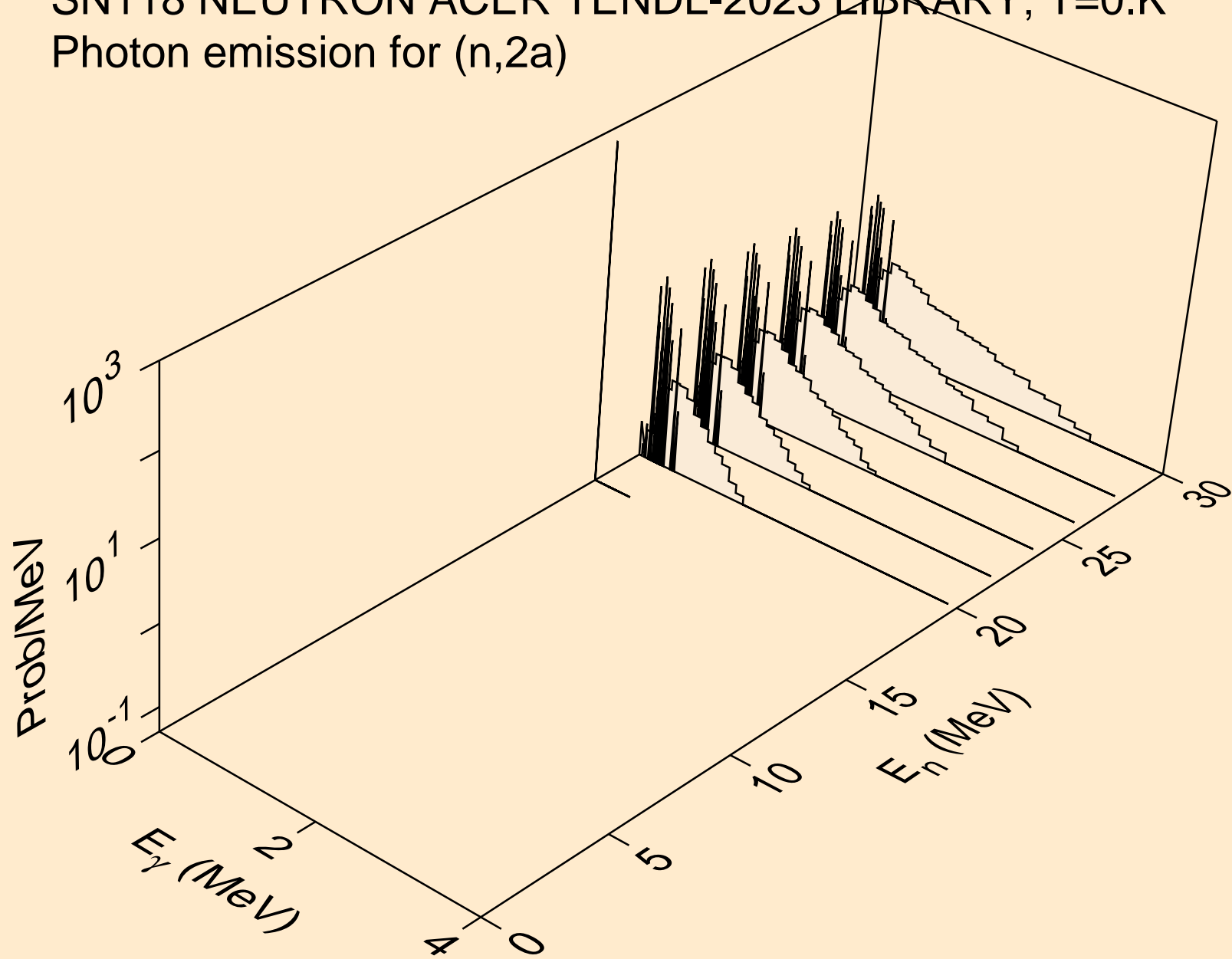
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



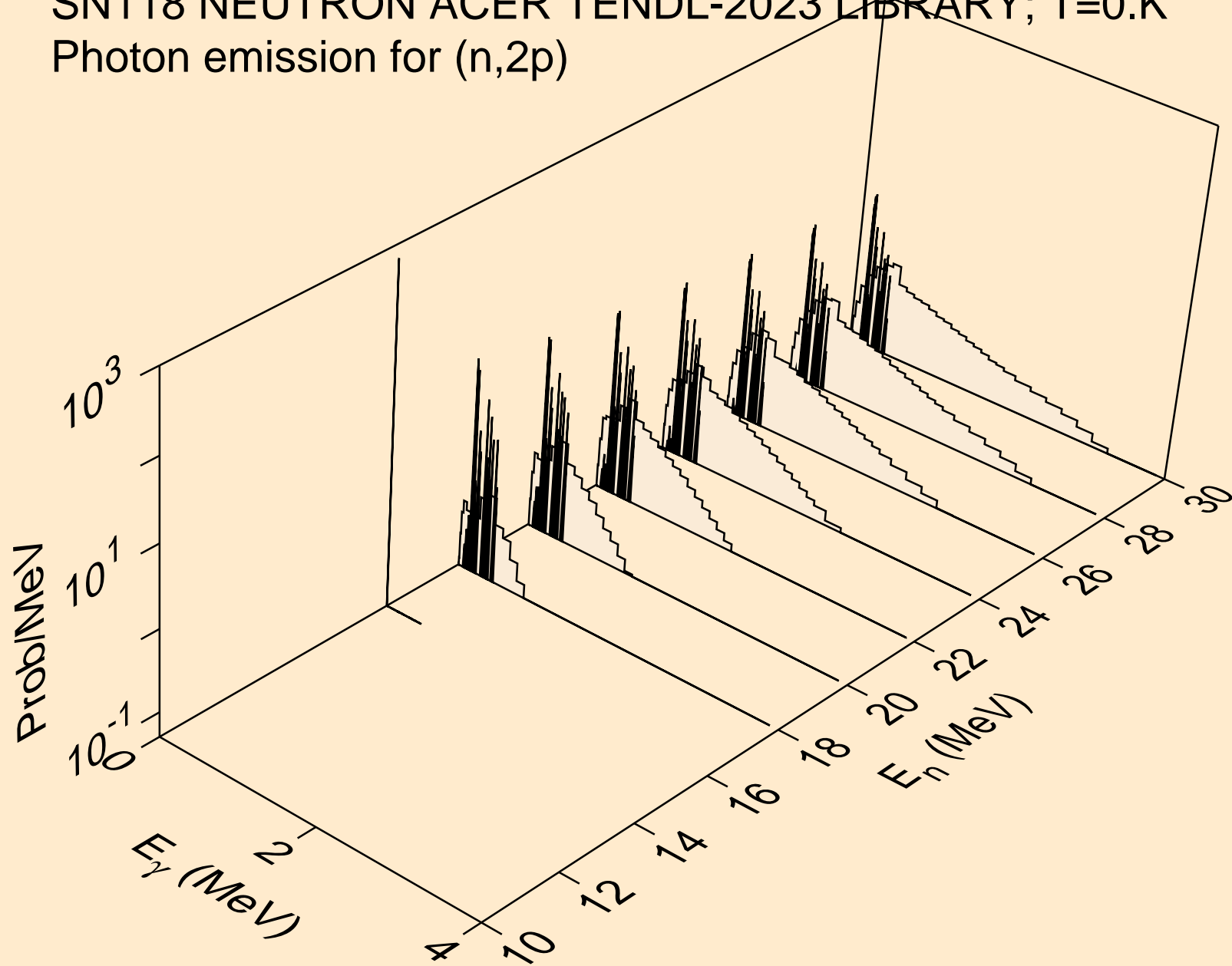
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



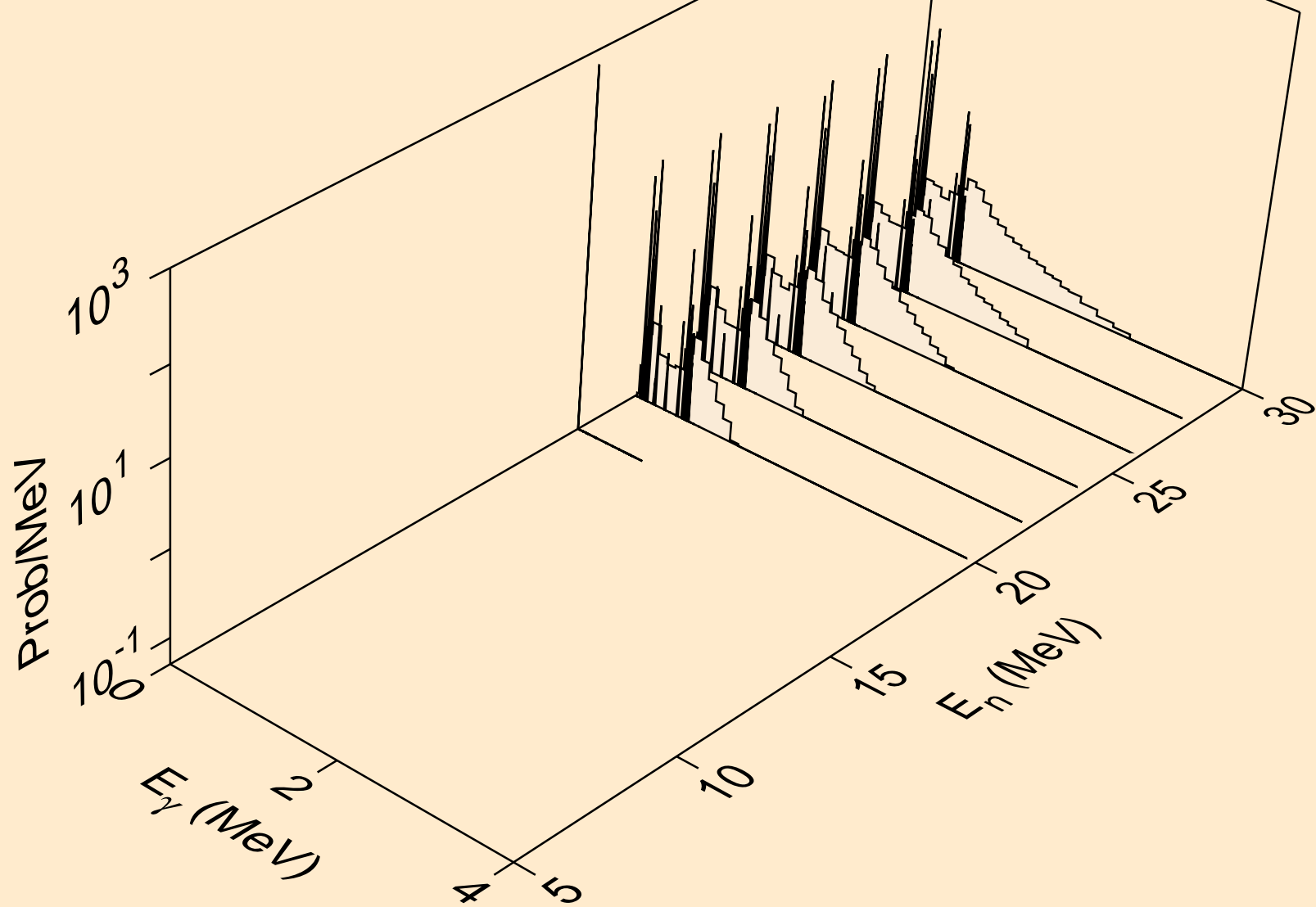
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



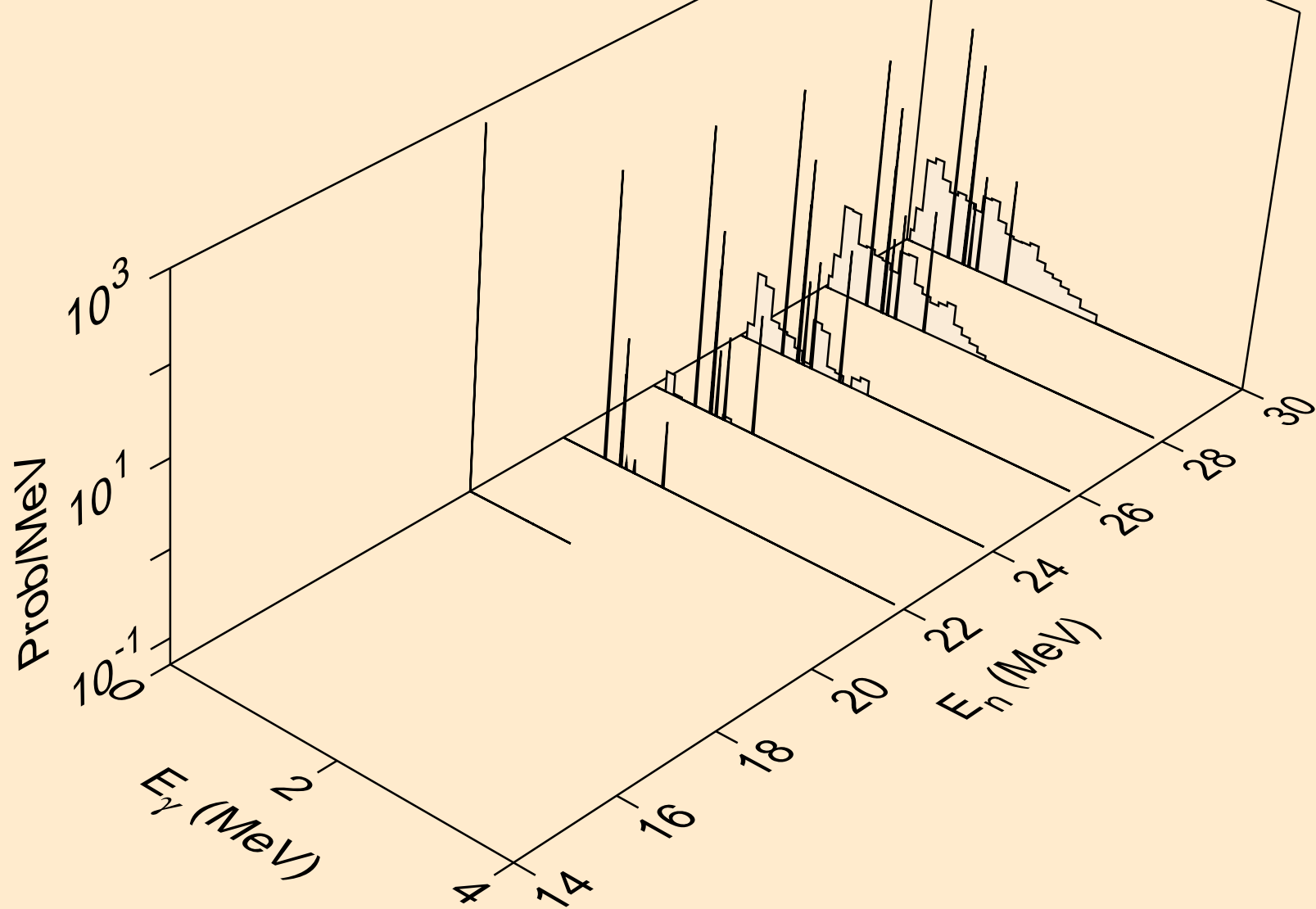
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



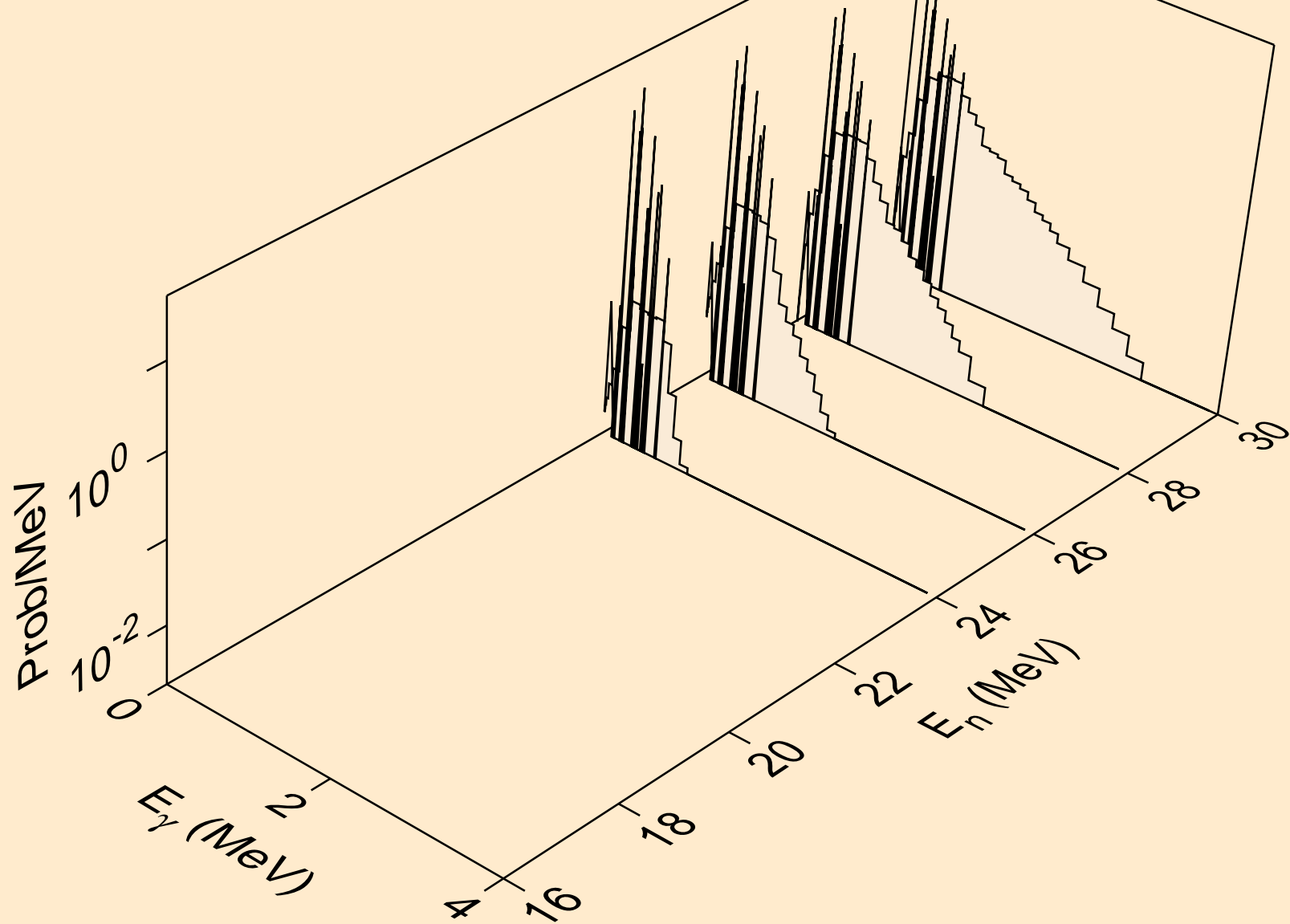
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



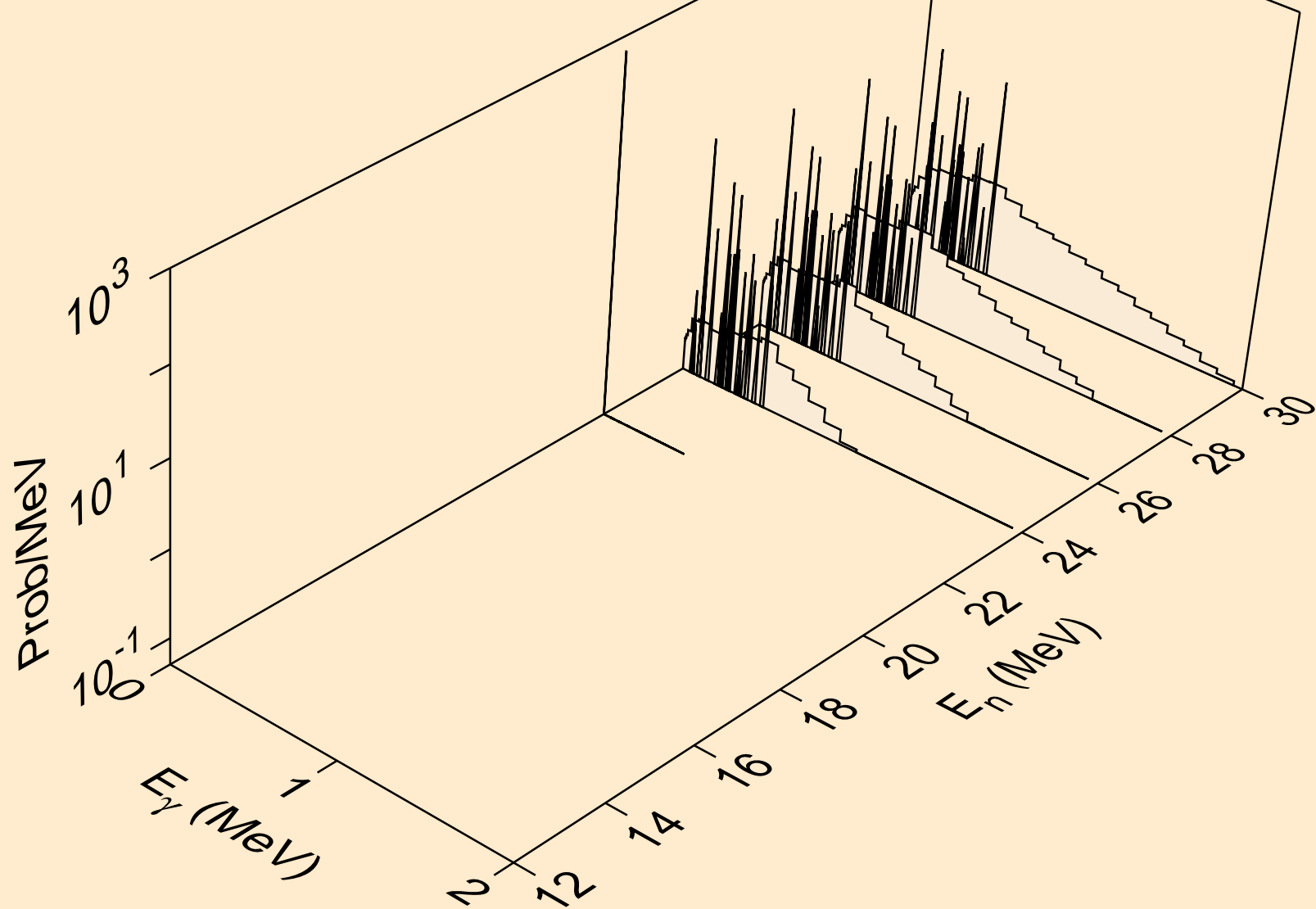
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



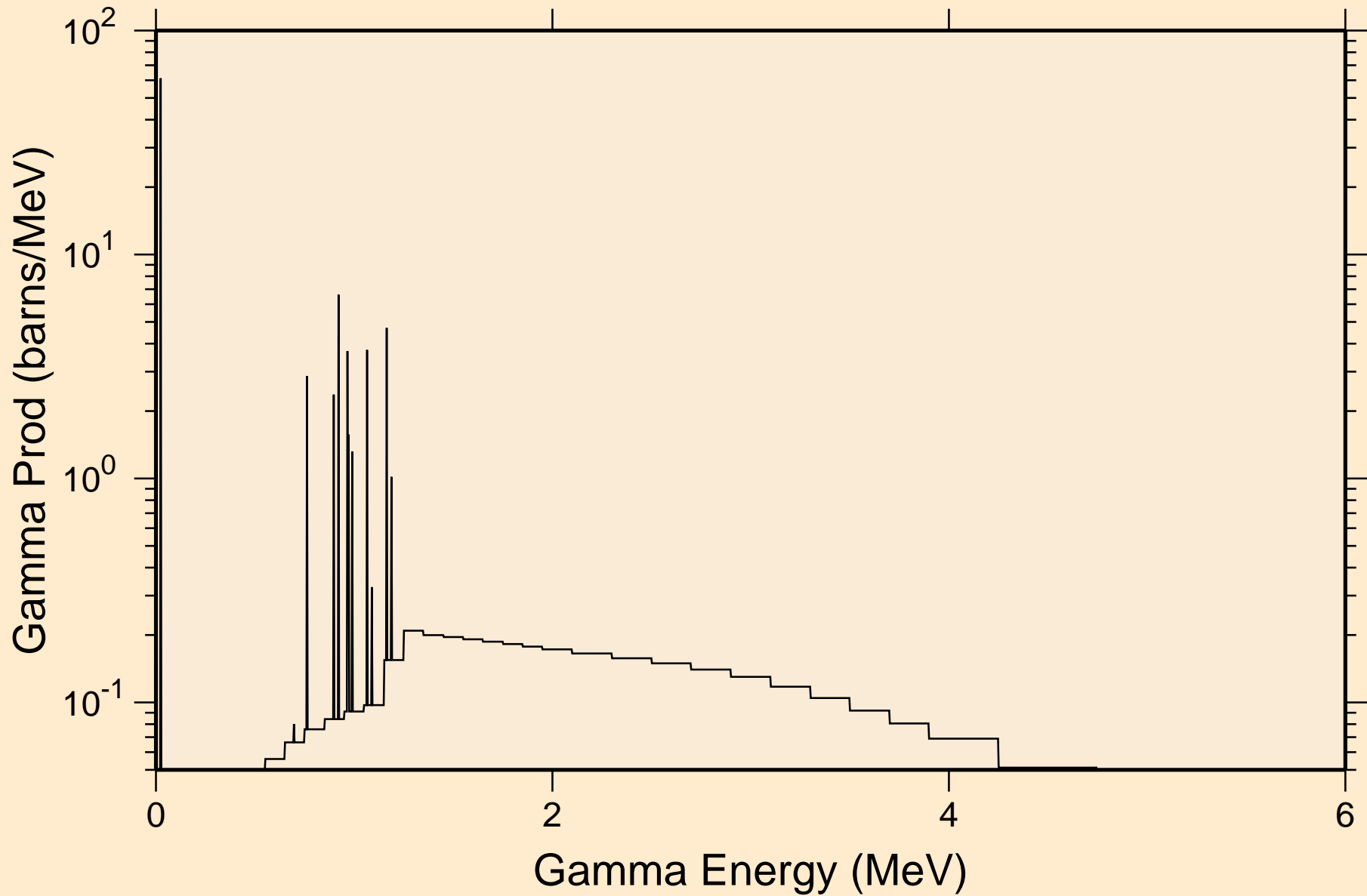
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



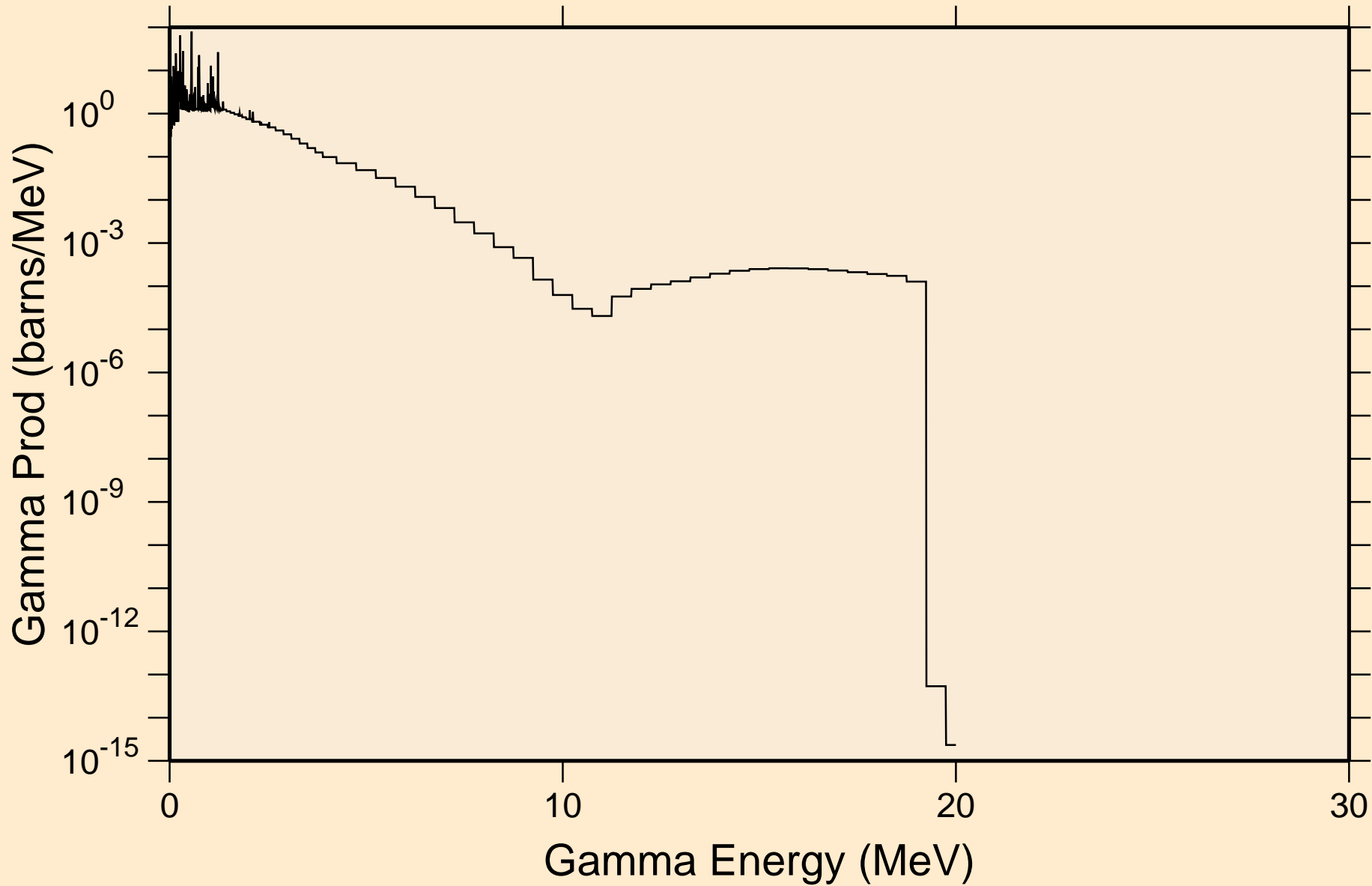
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

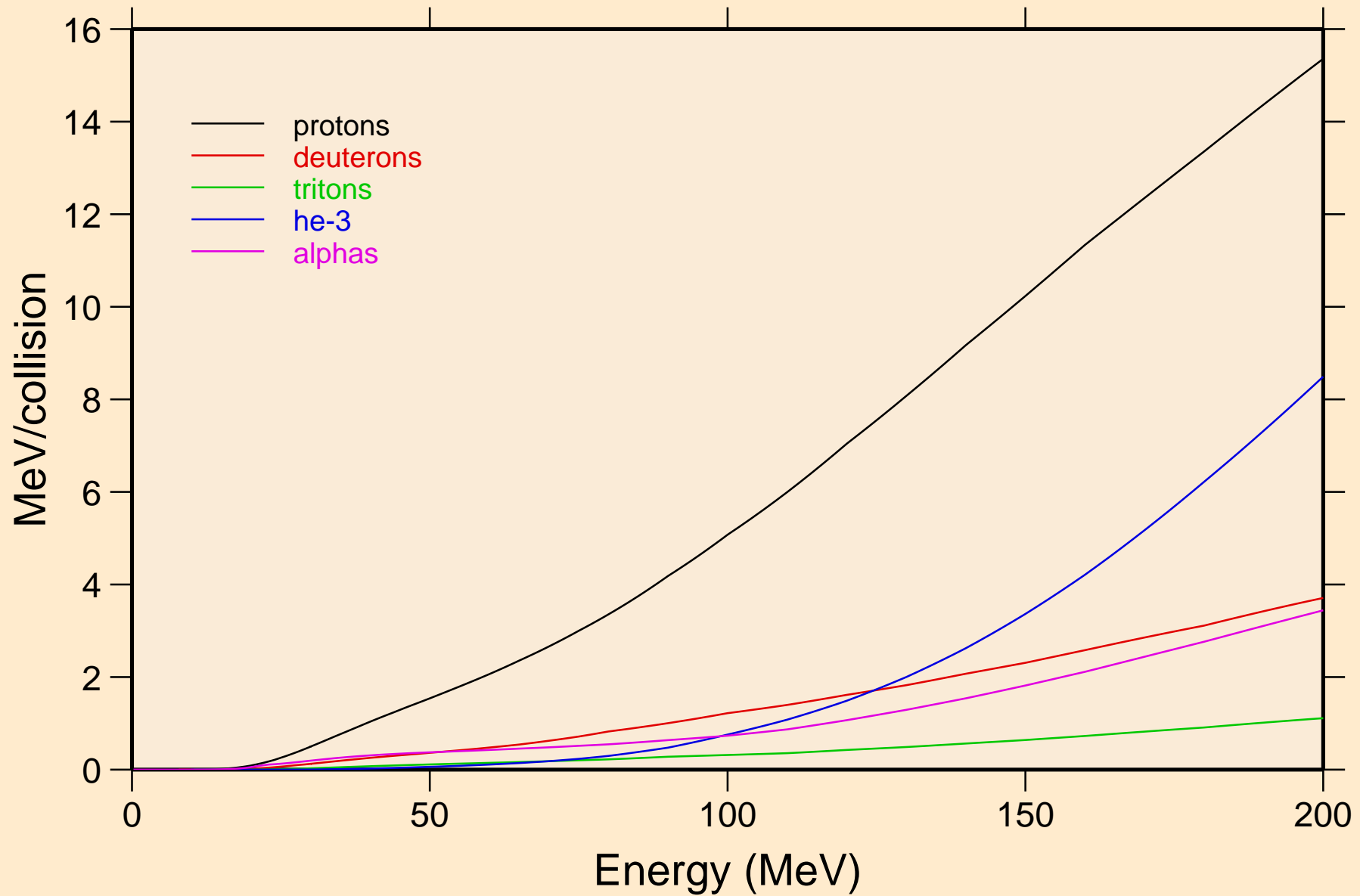


SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



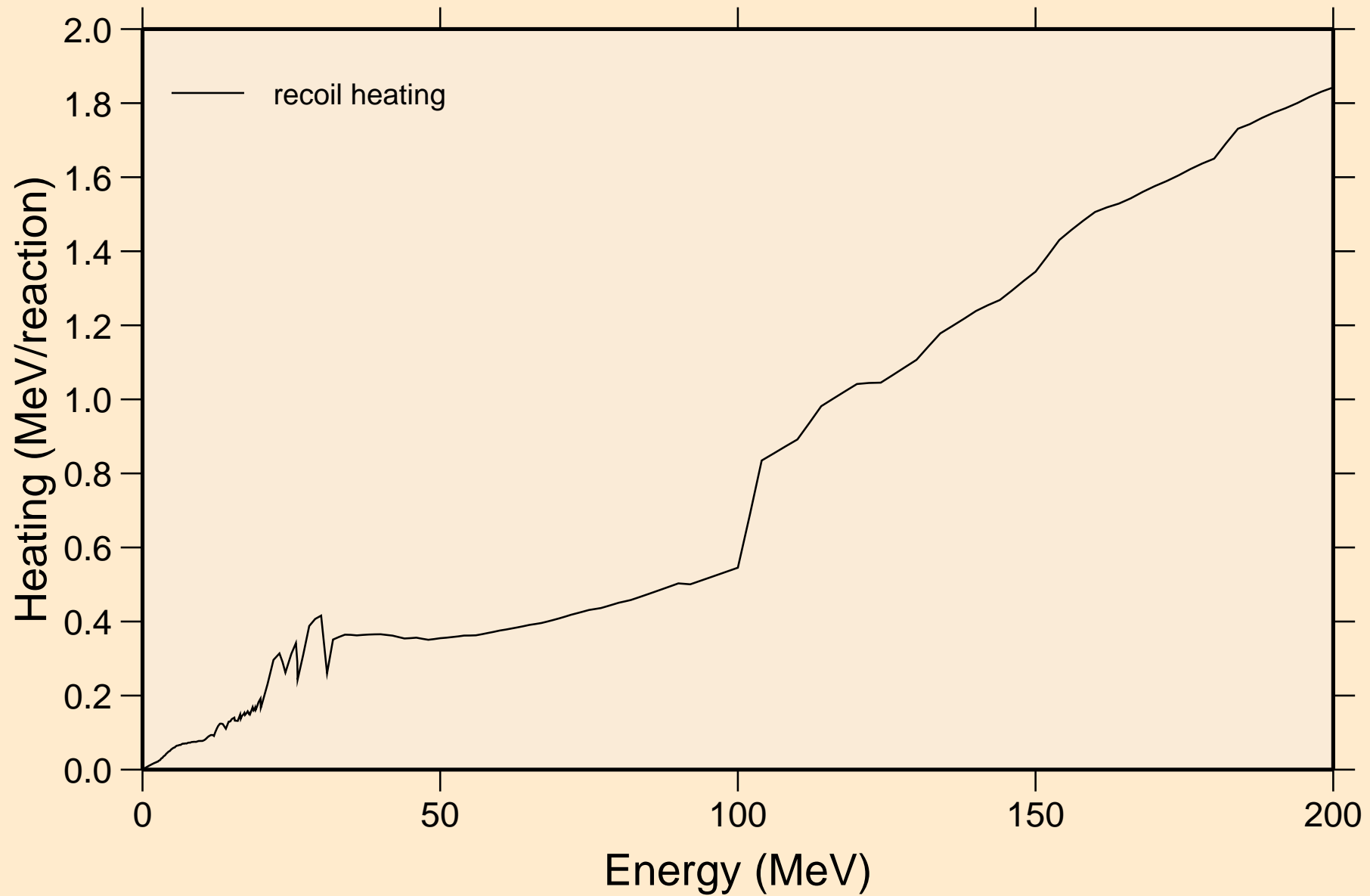
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



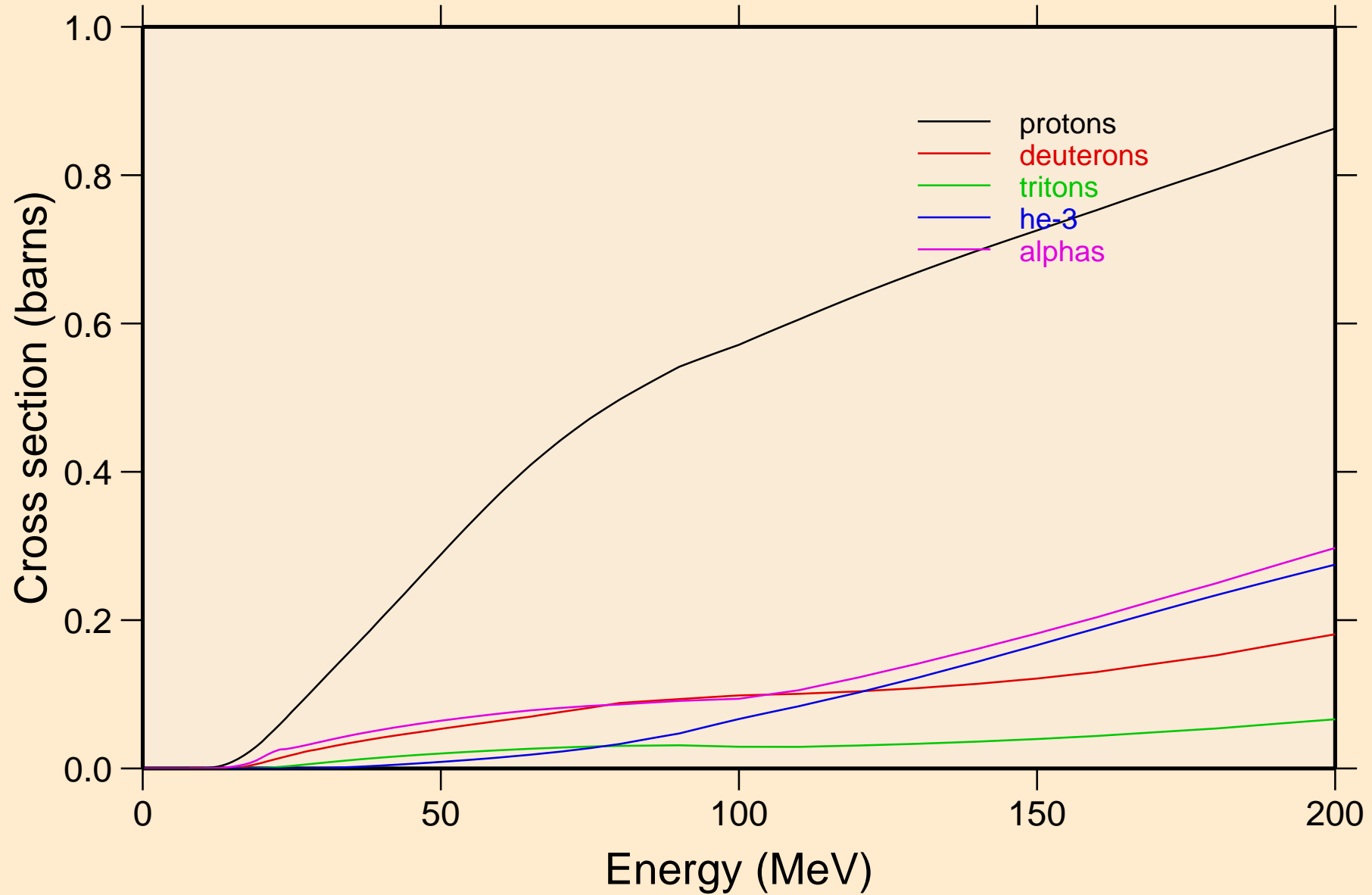
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

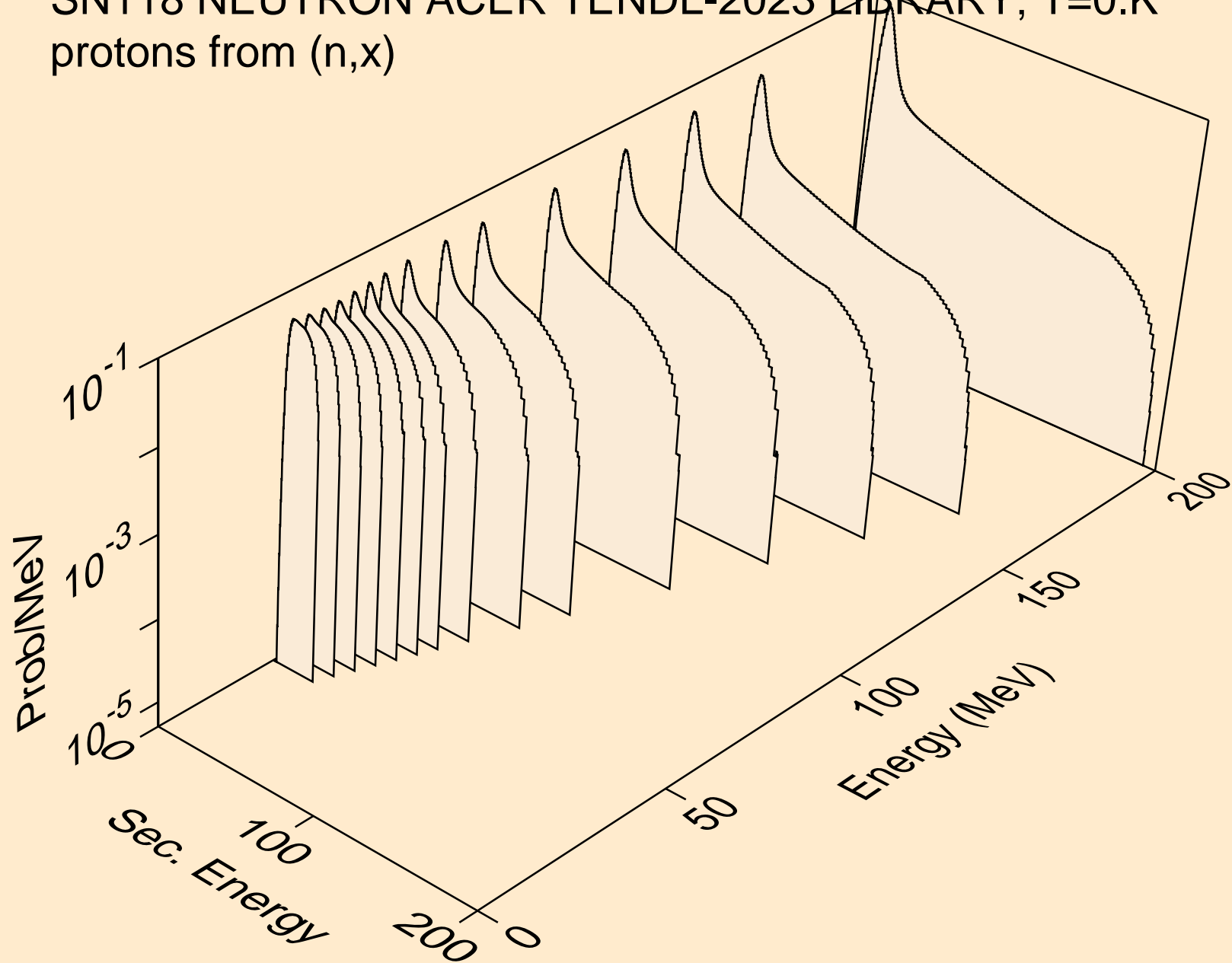


SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

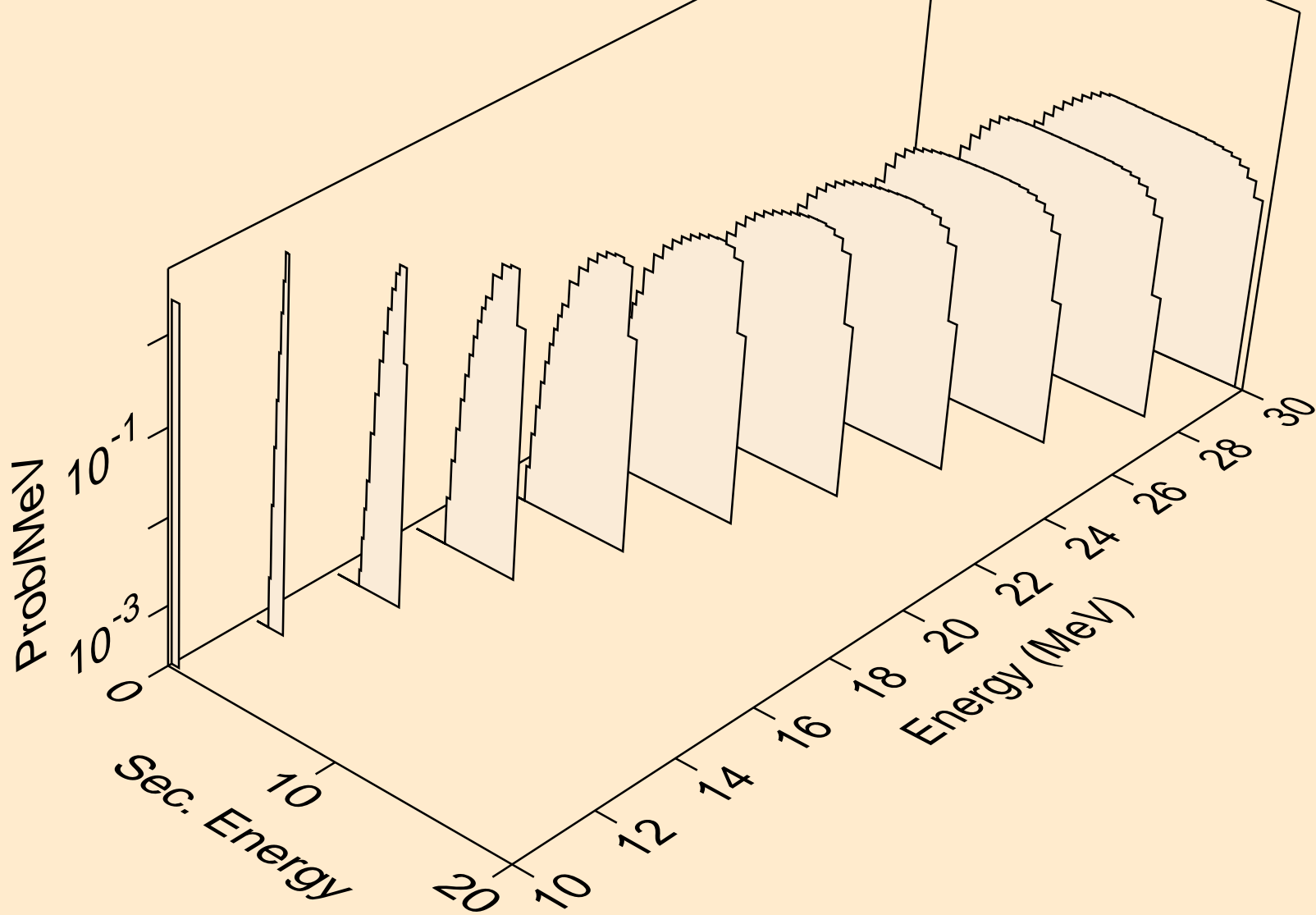
Particle production cross sections



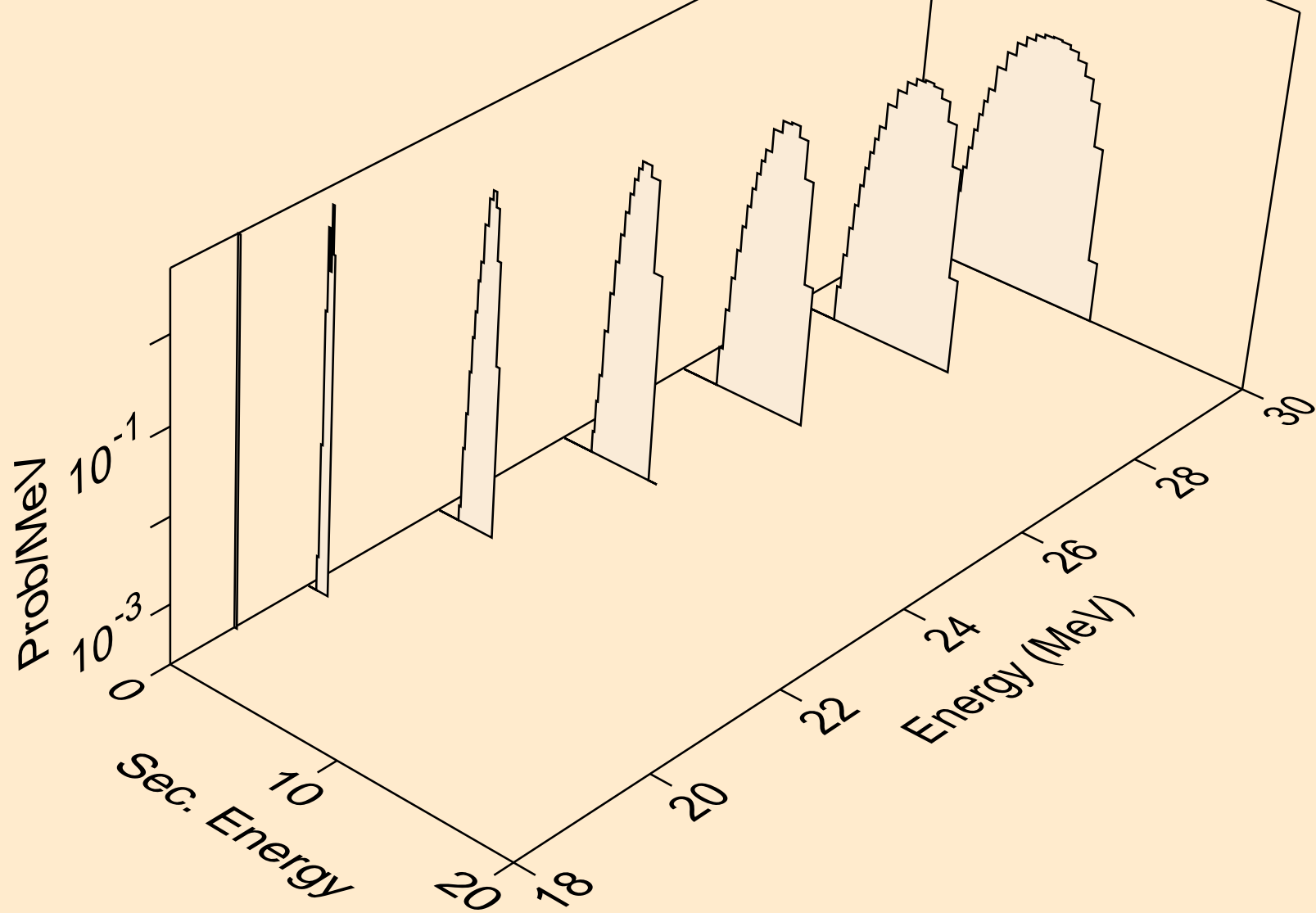
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



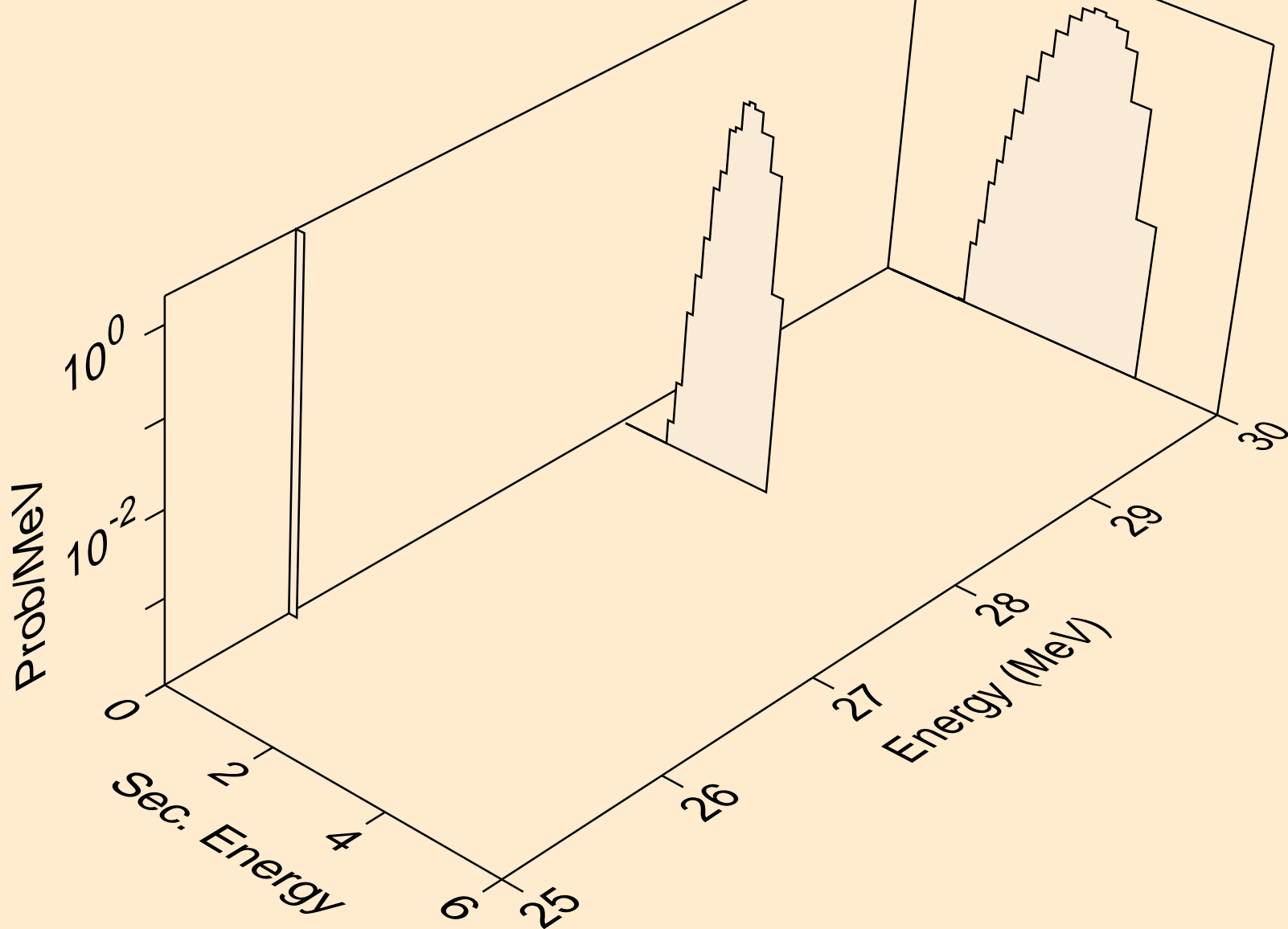
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



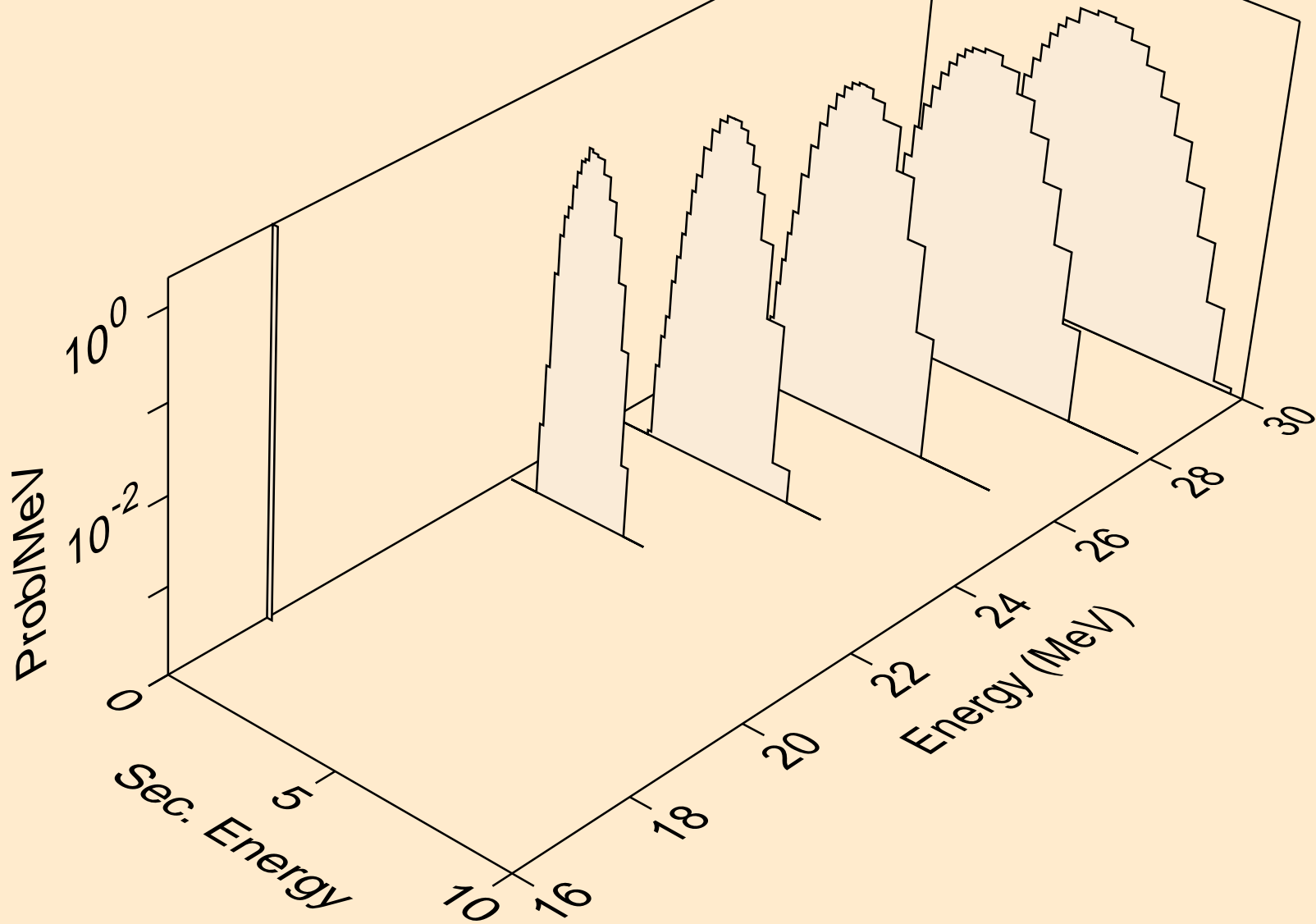
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



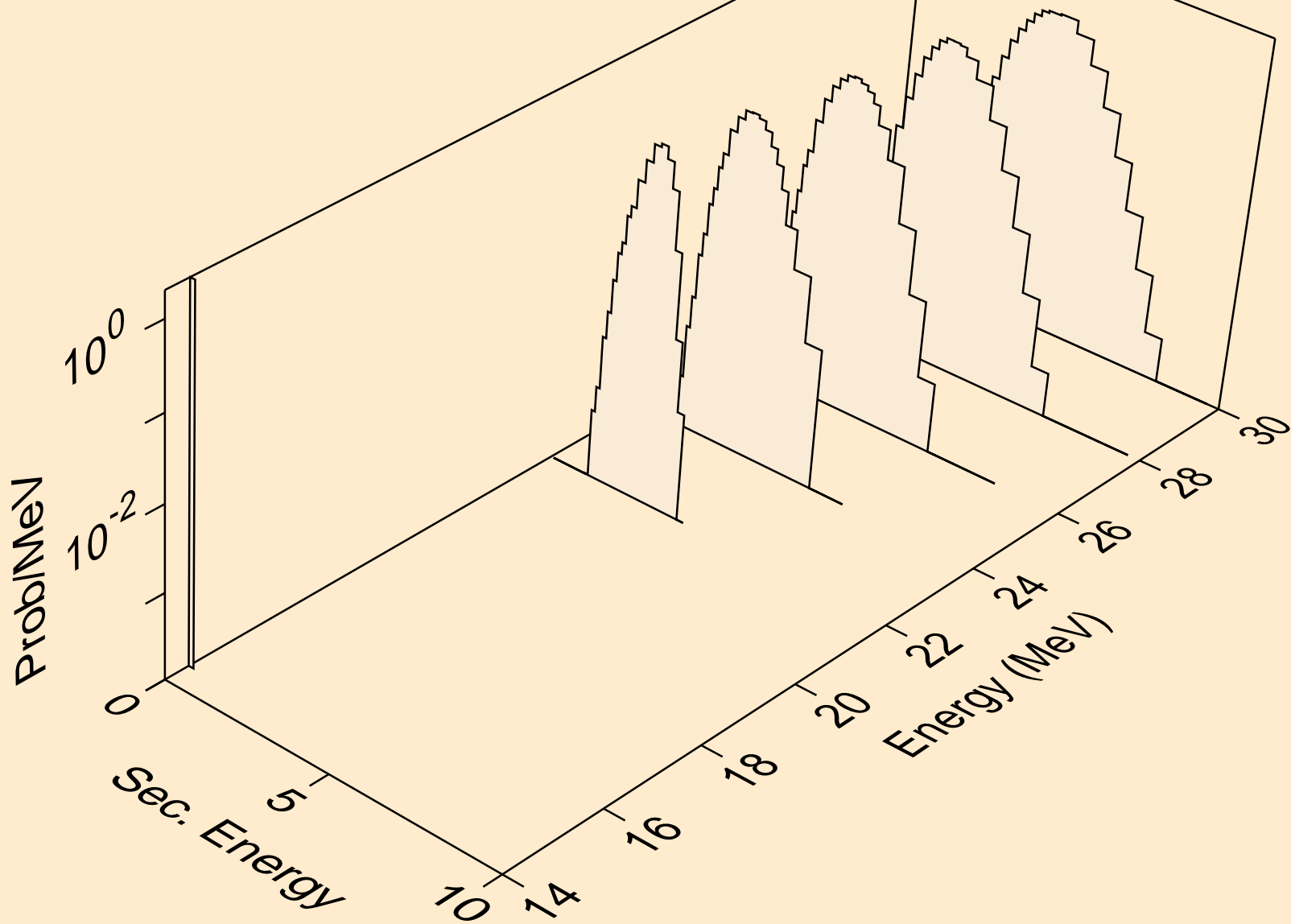
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



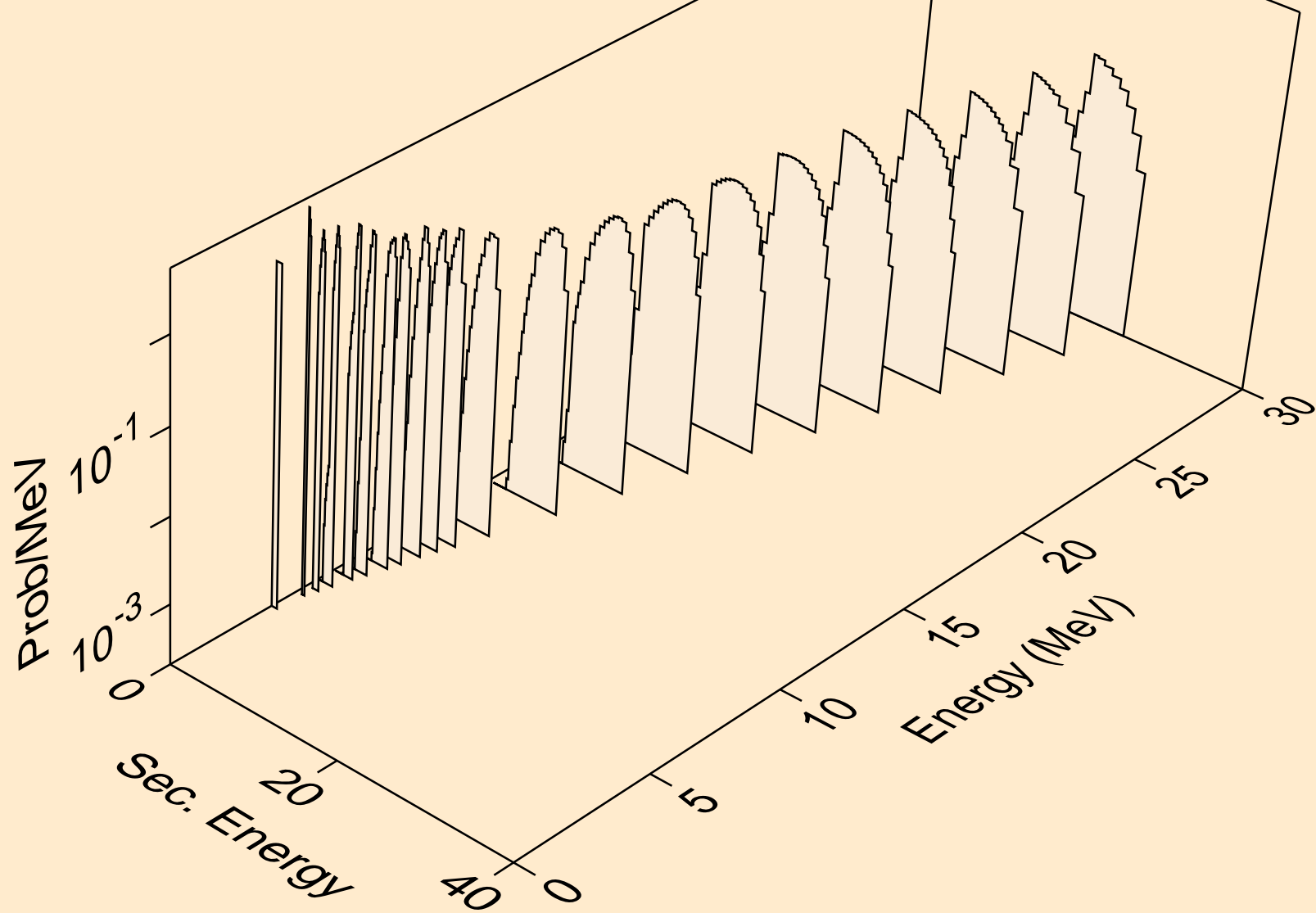
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



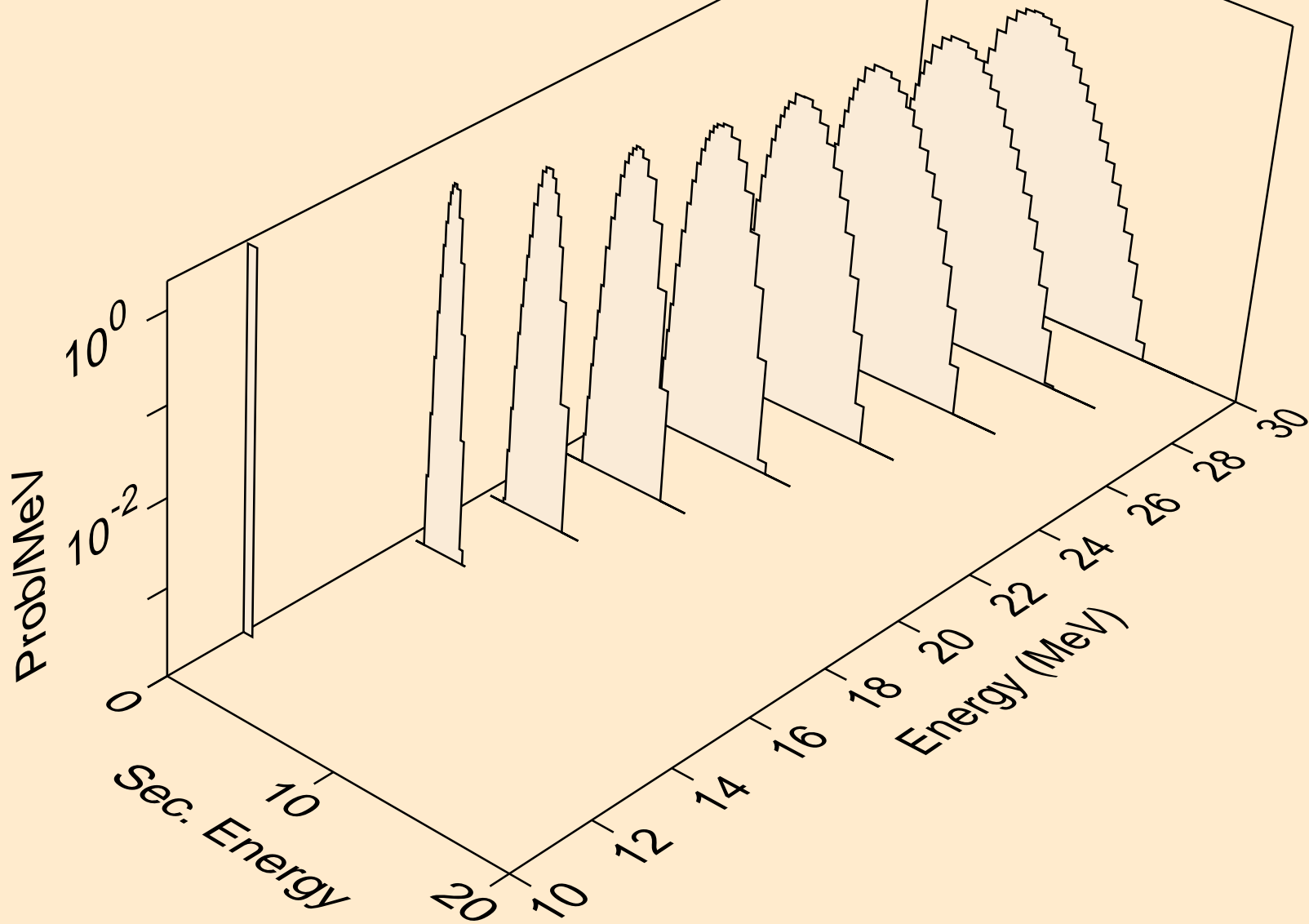
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protons from (n,npa)



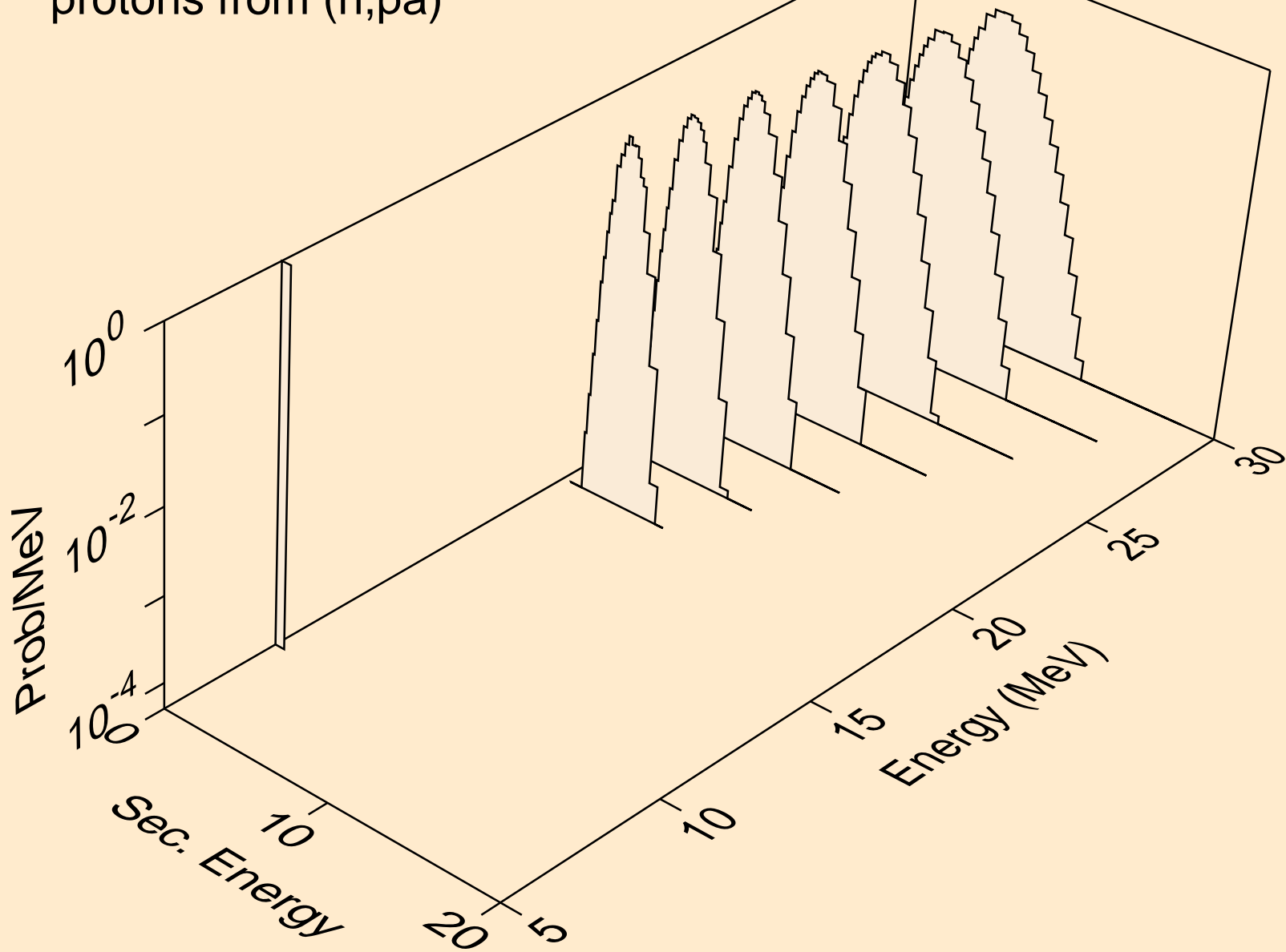
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



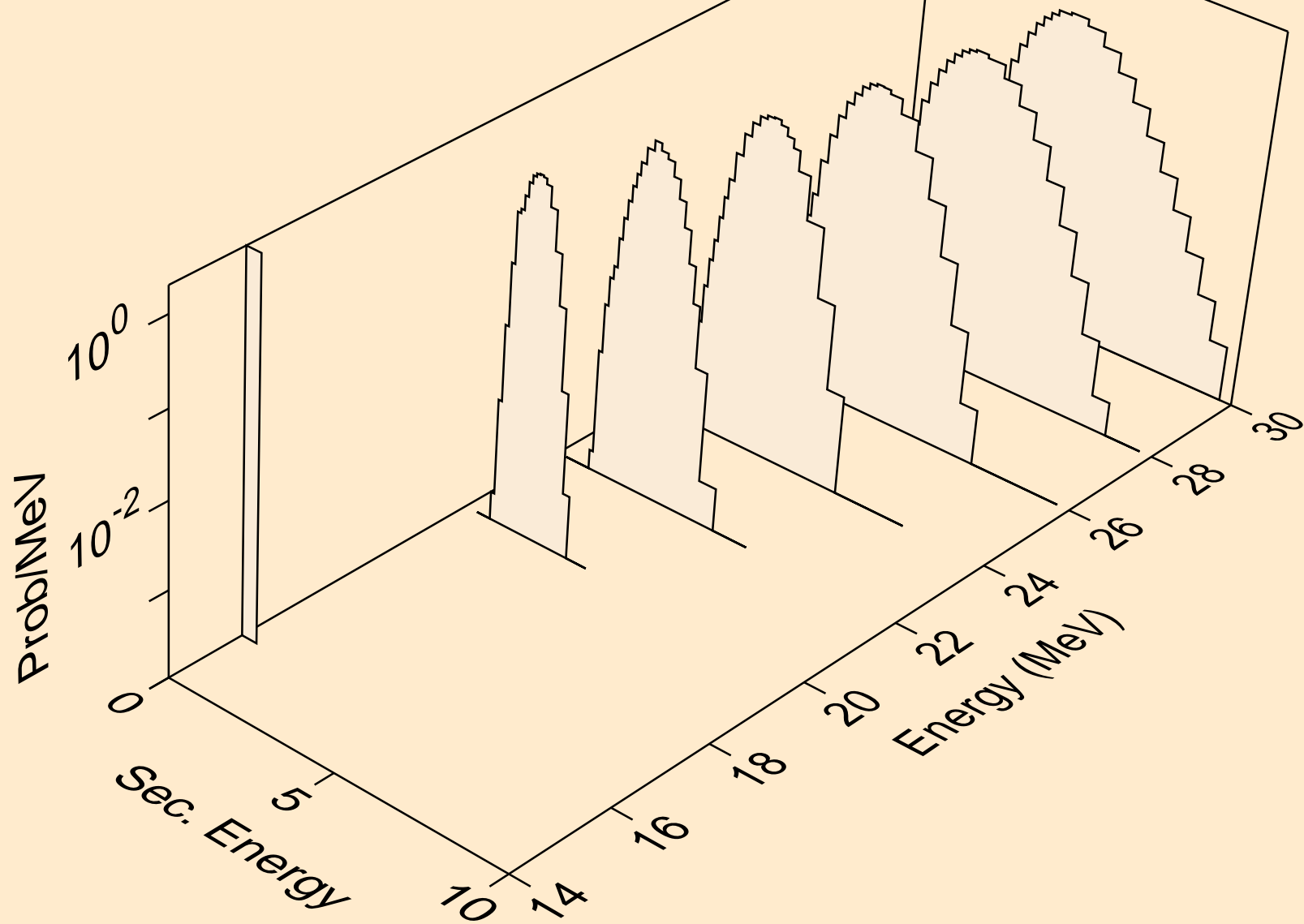
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protons from (n,2p)



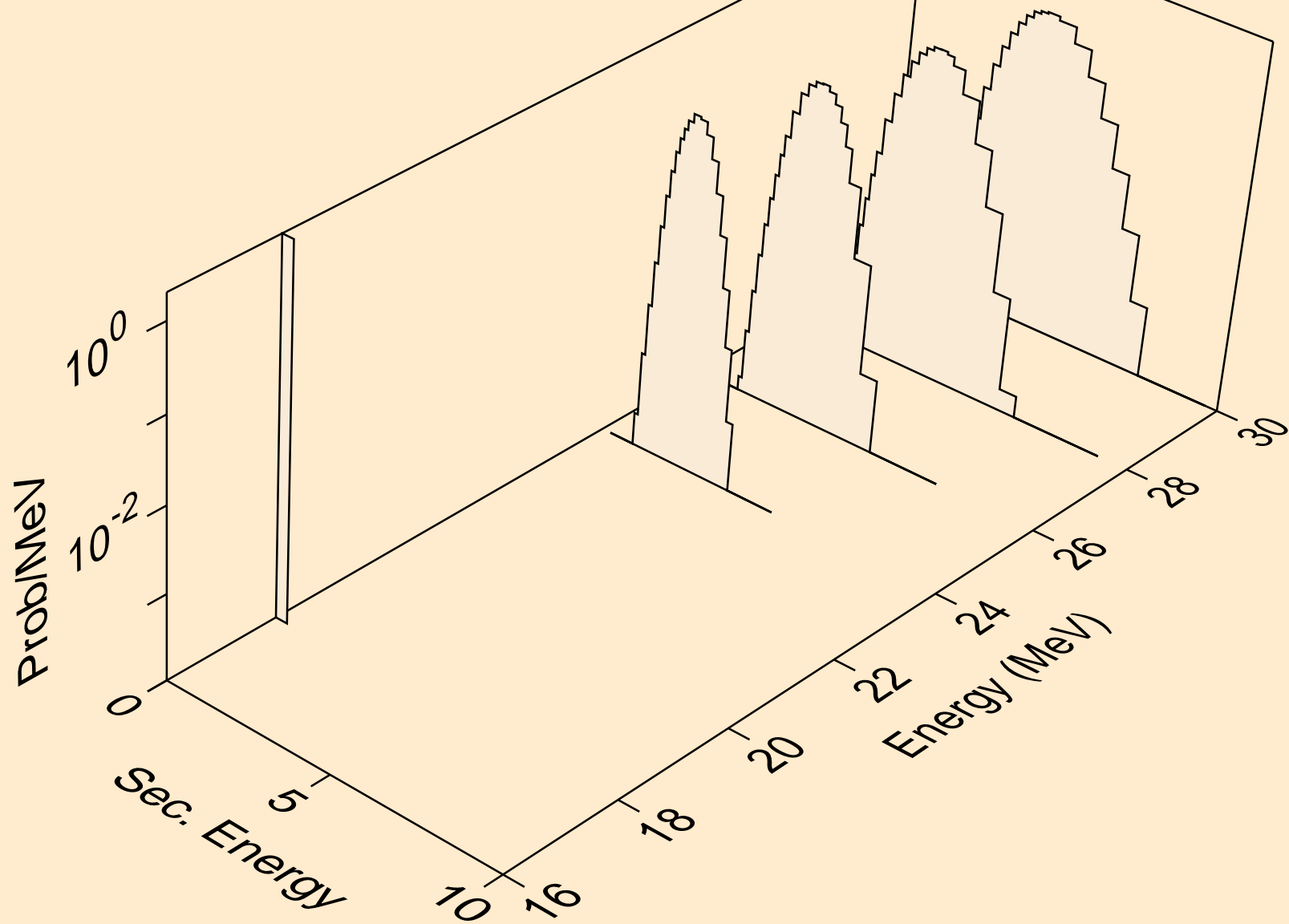
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protons from (n,pa)



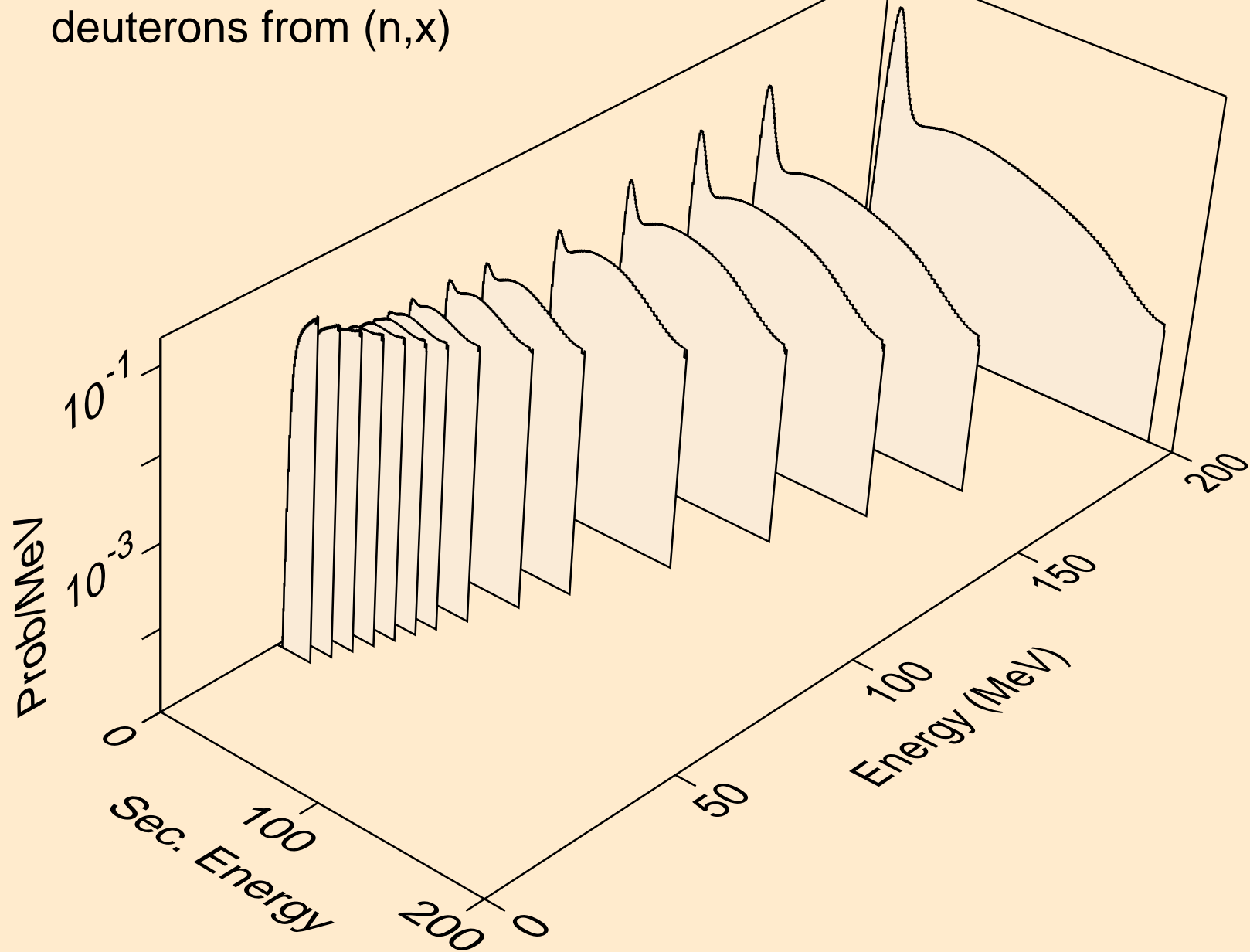
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protons from (n,pd)



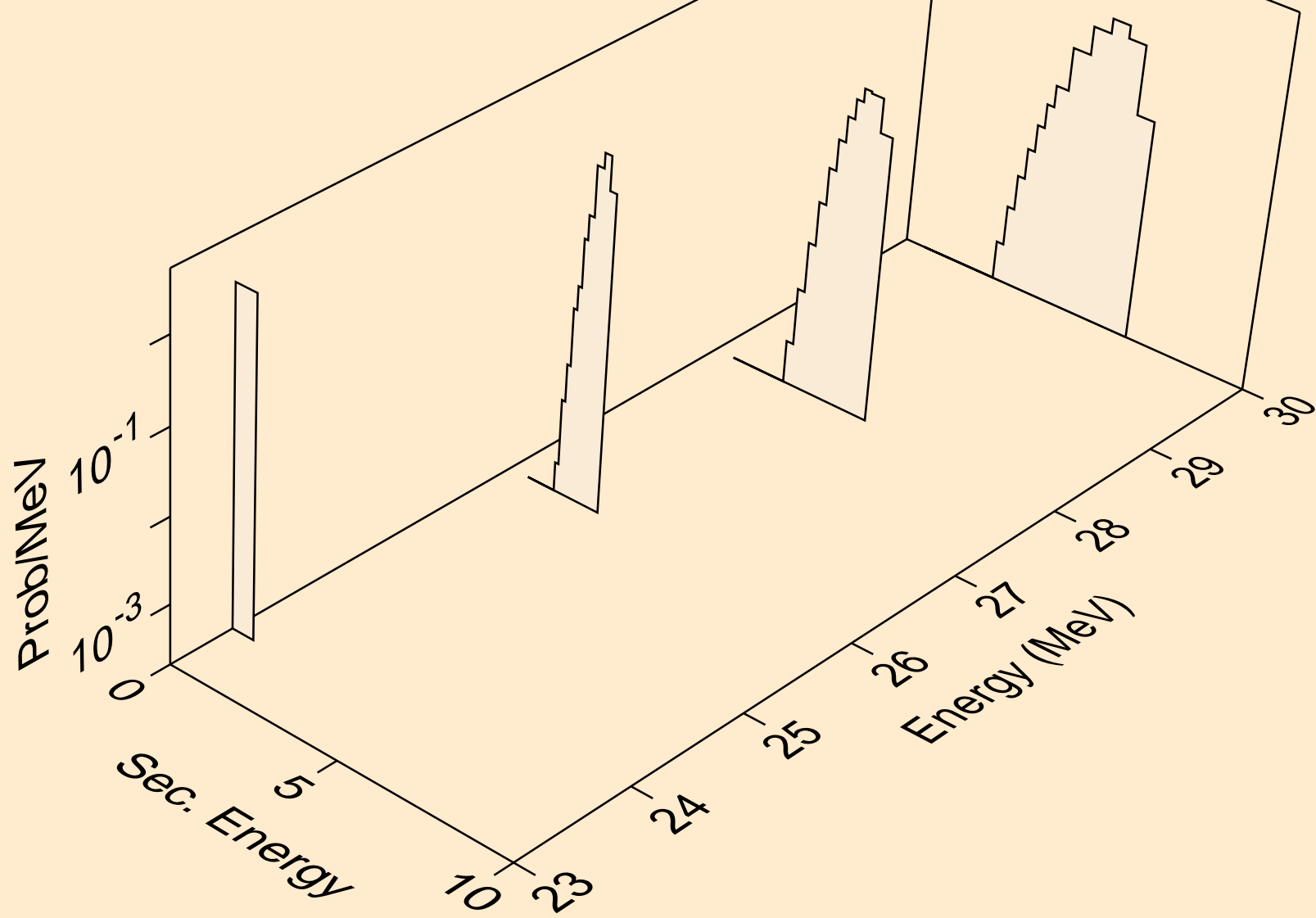
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protons from (n,pt)



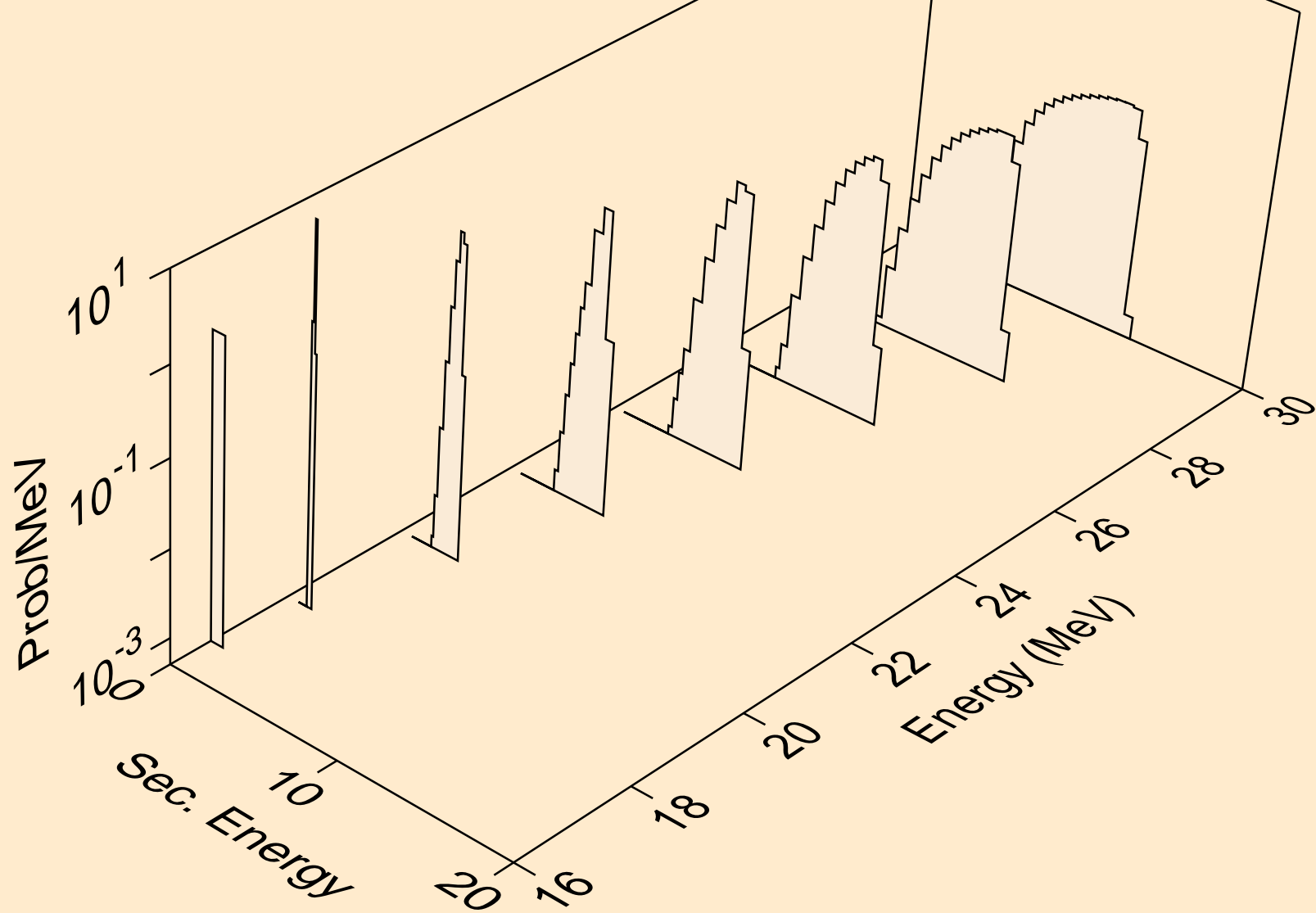
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



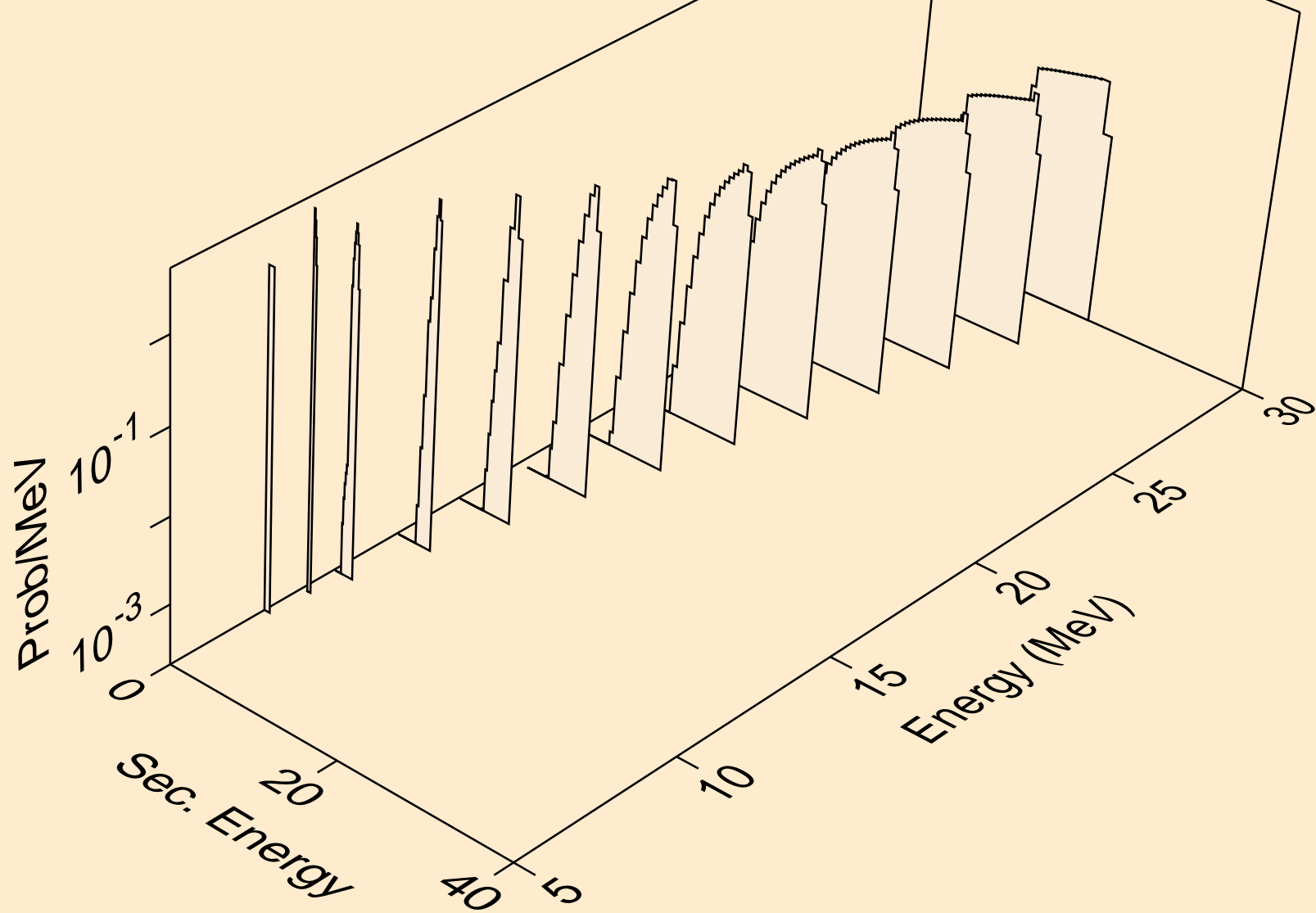
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deuterons from (n,2nd)



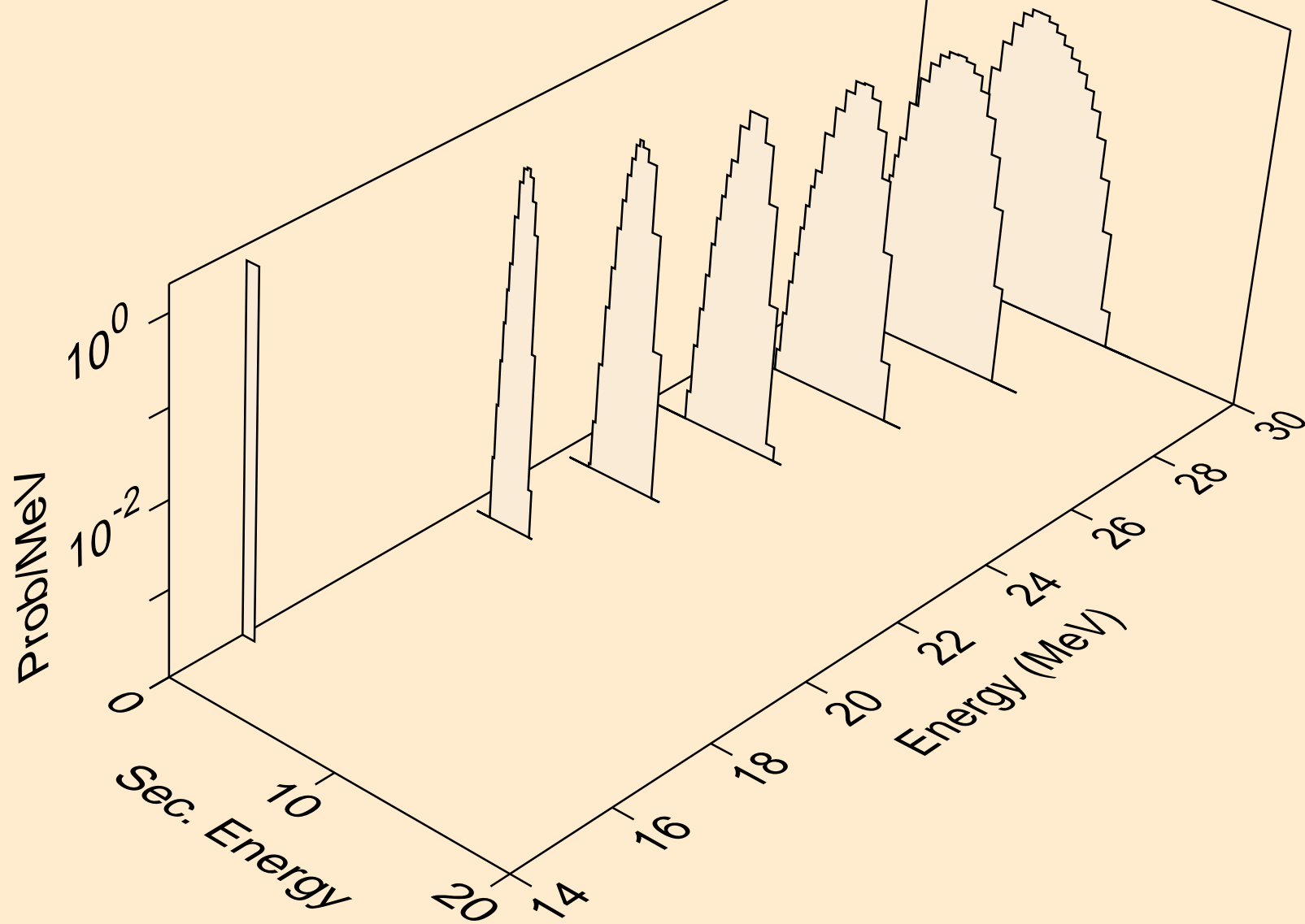
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



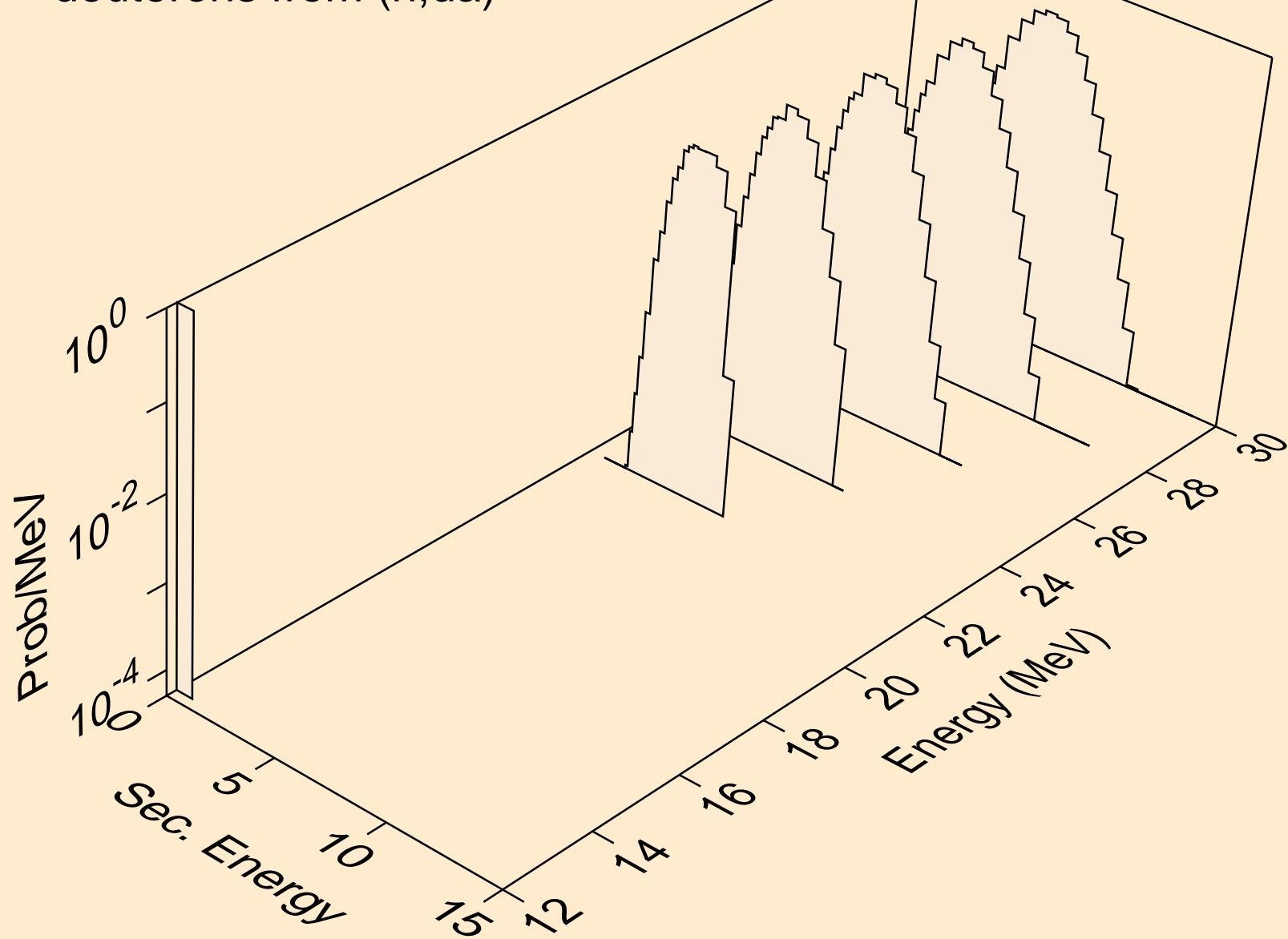
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deuterons from (n,d)



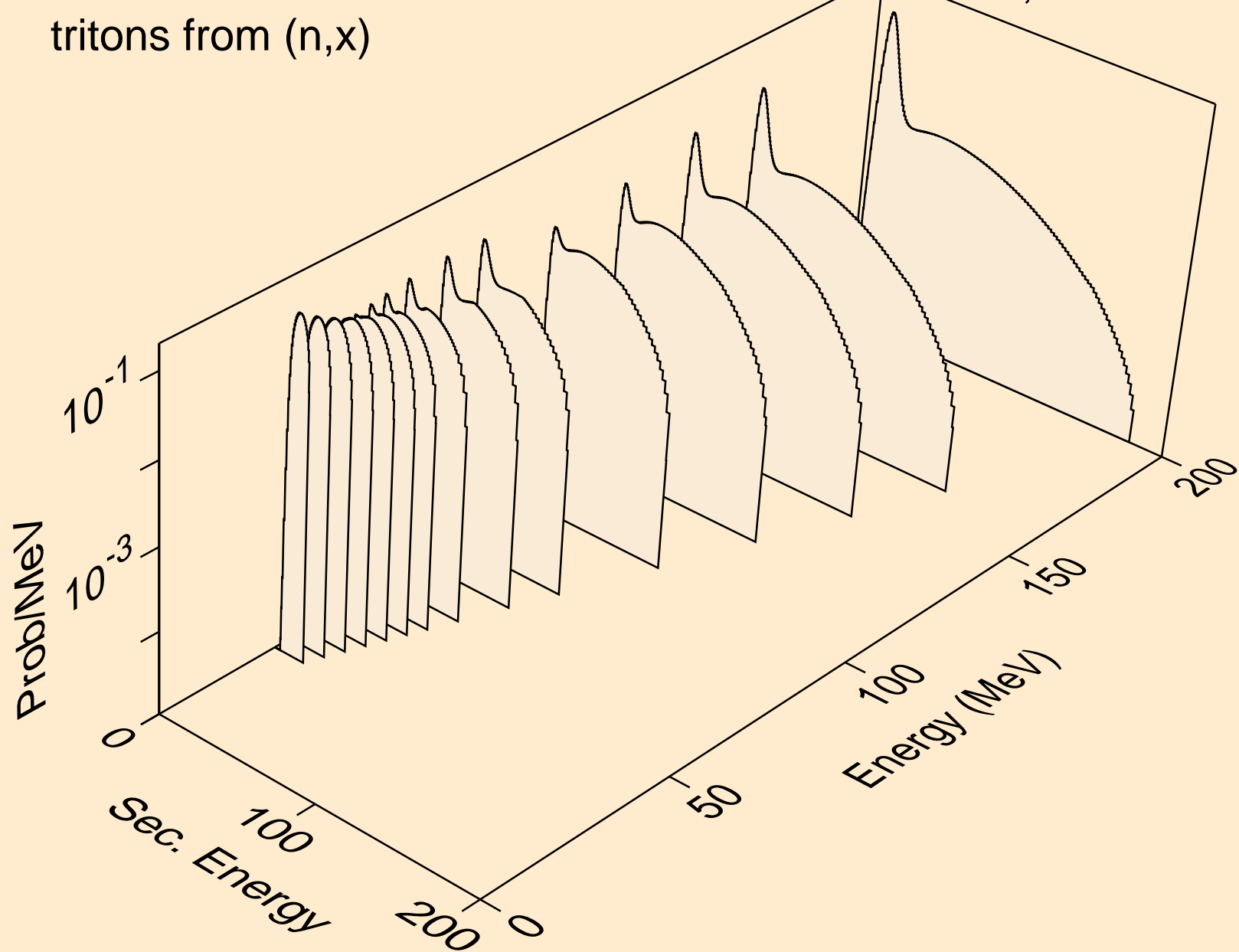
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



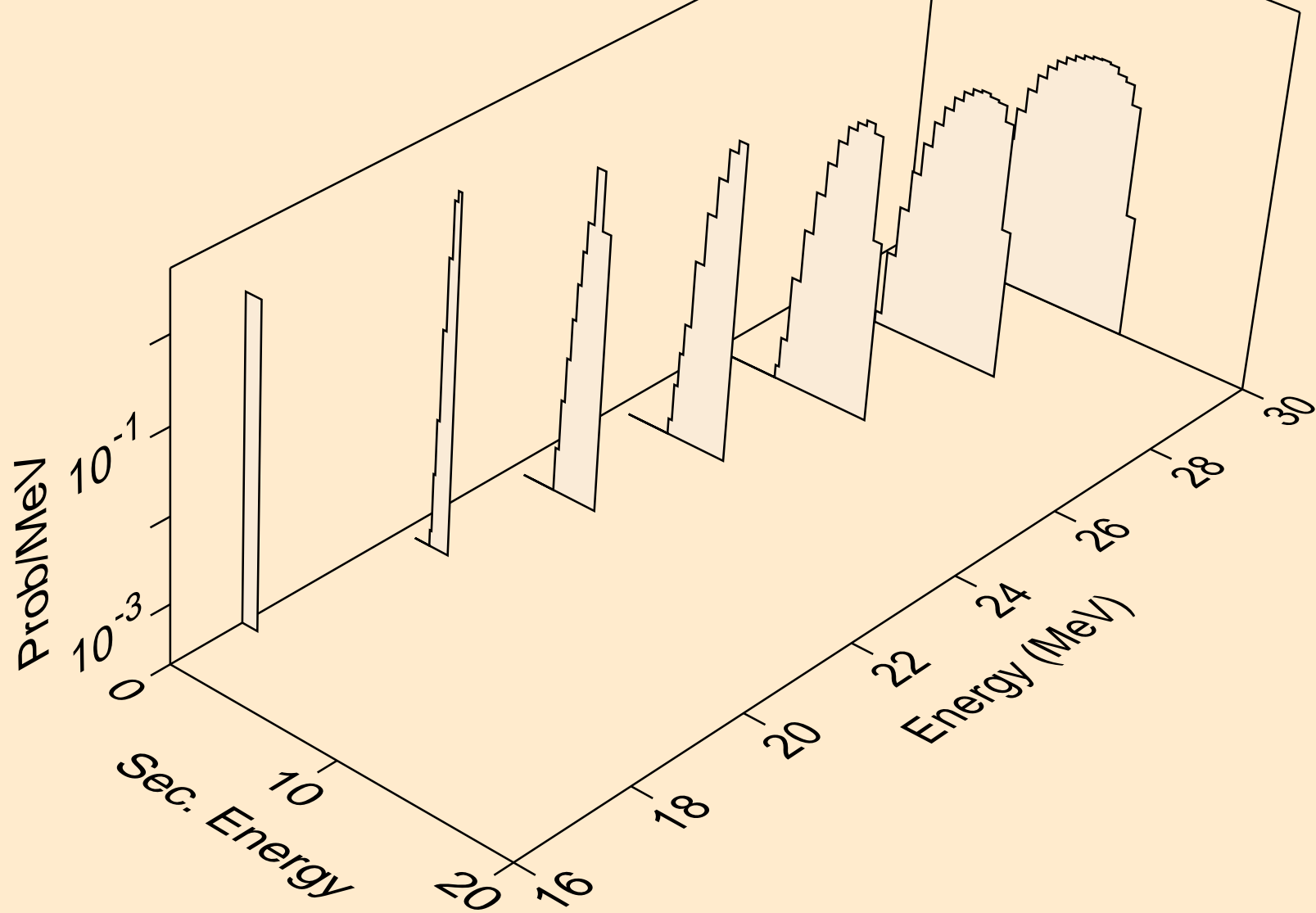
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)



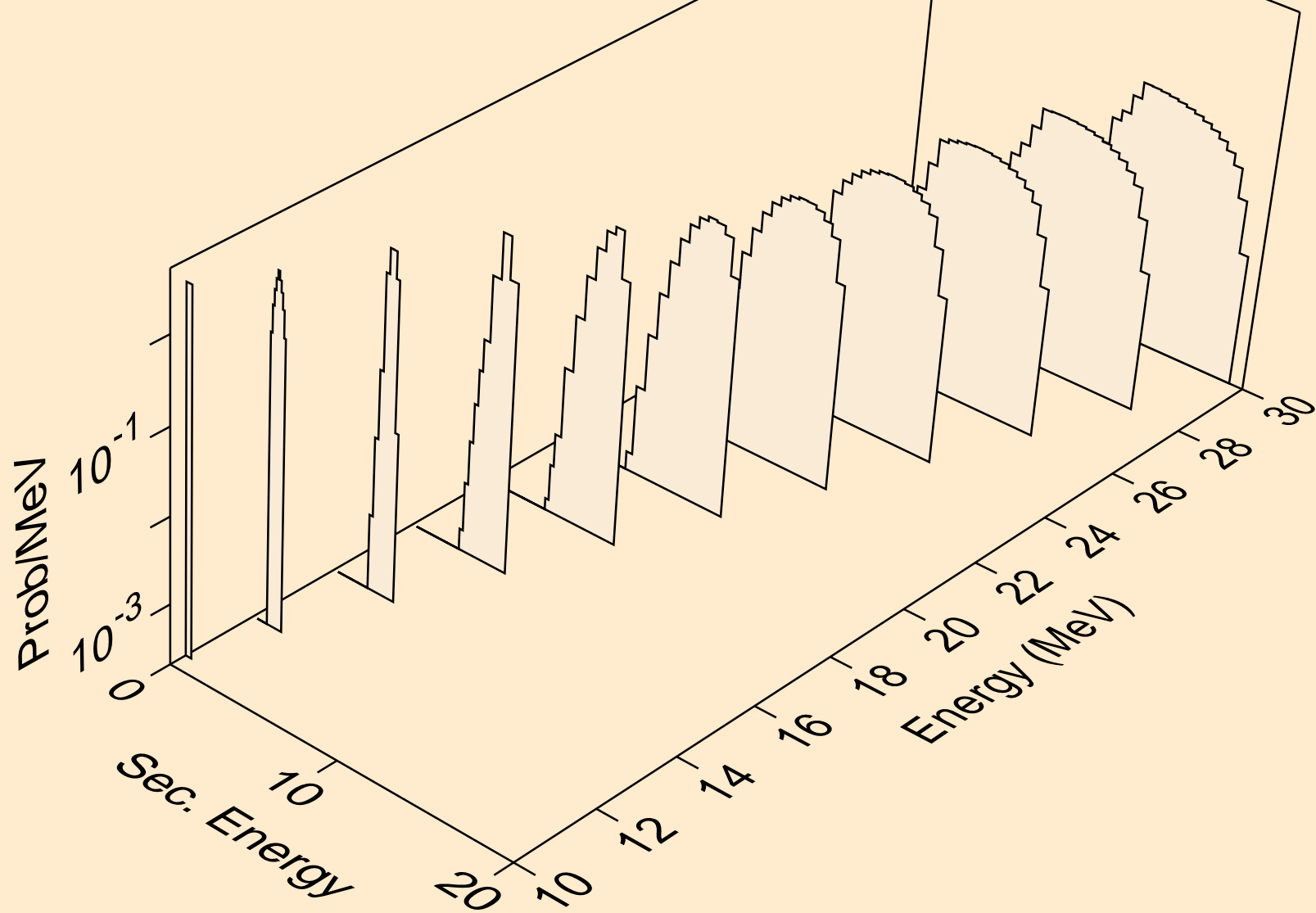
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



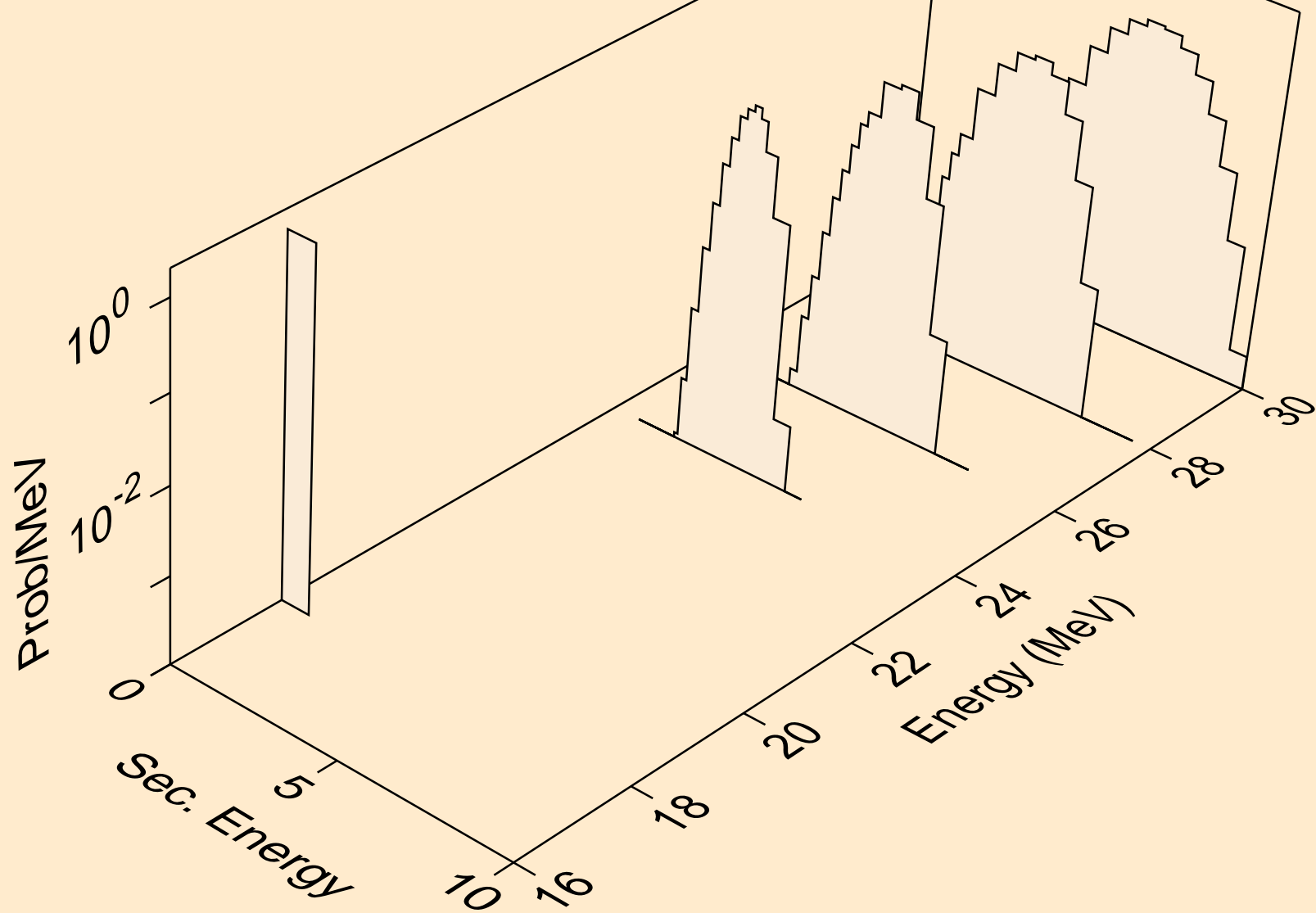
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



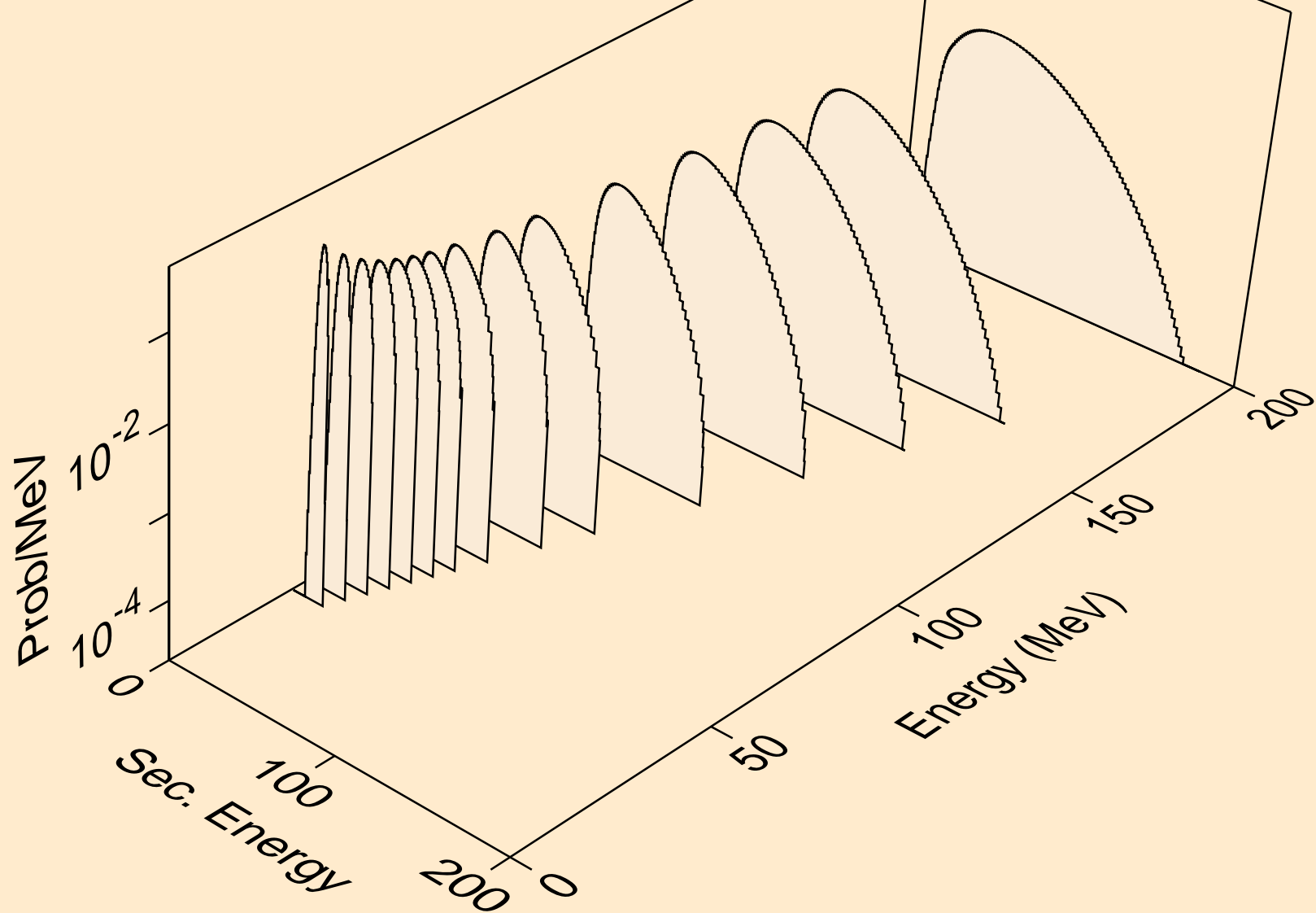
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



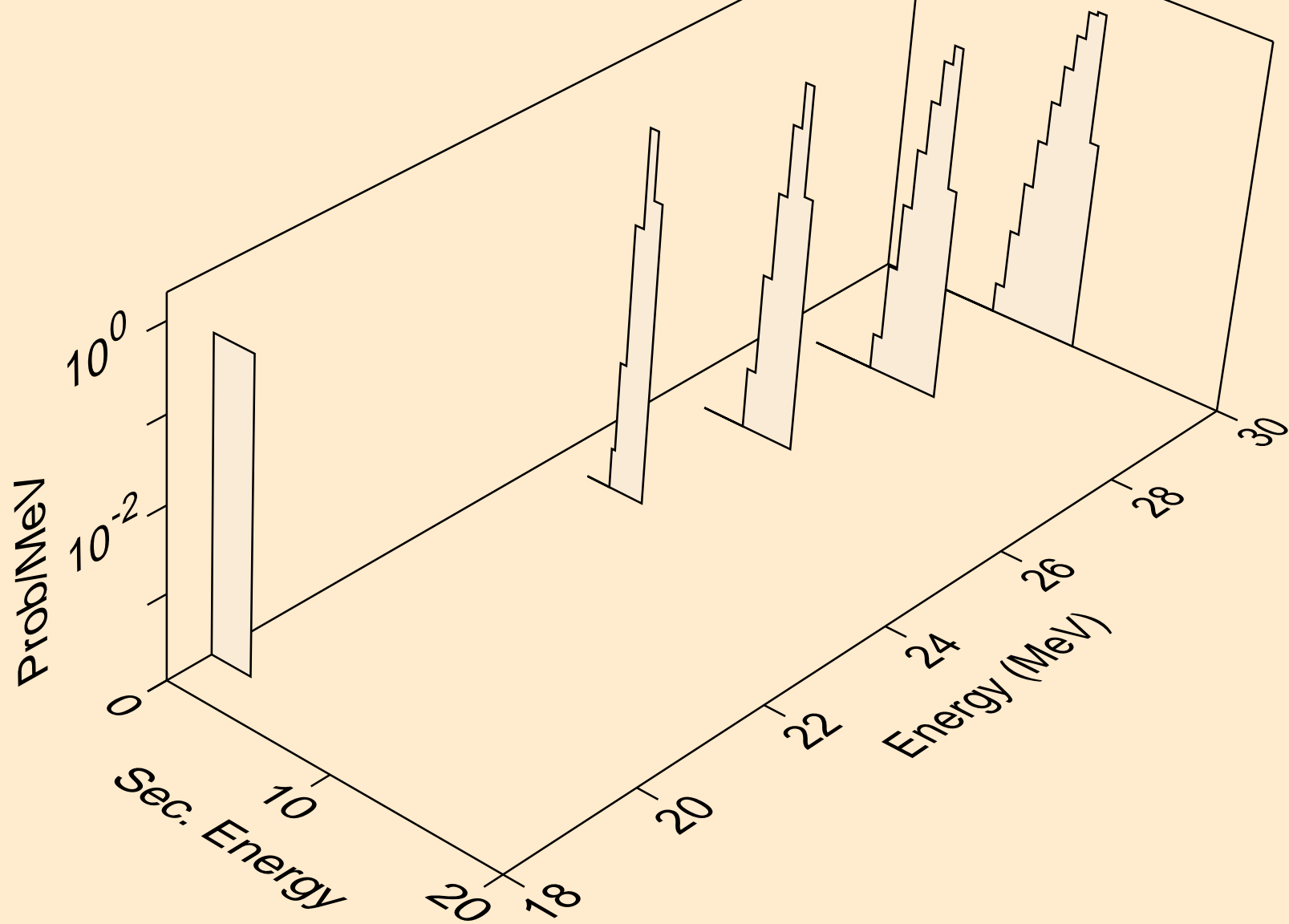
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



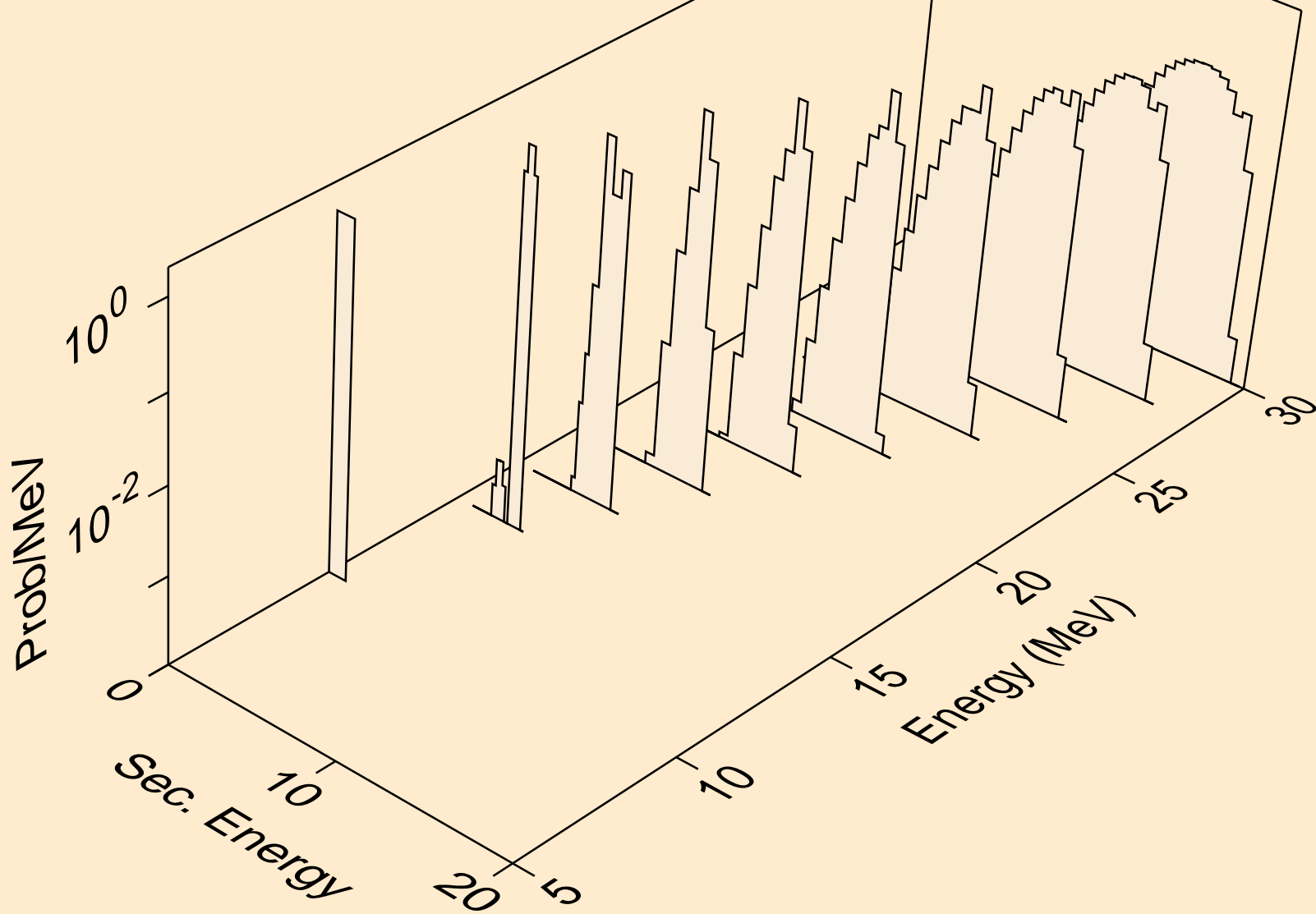
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



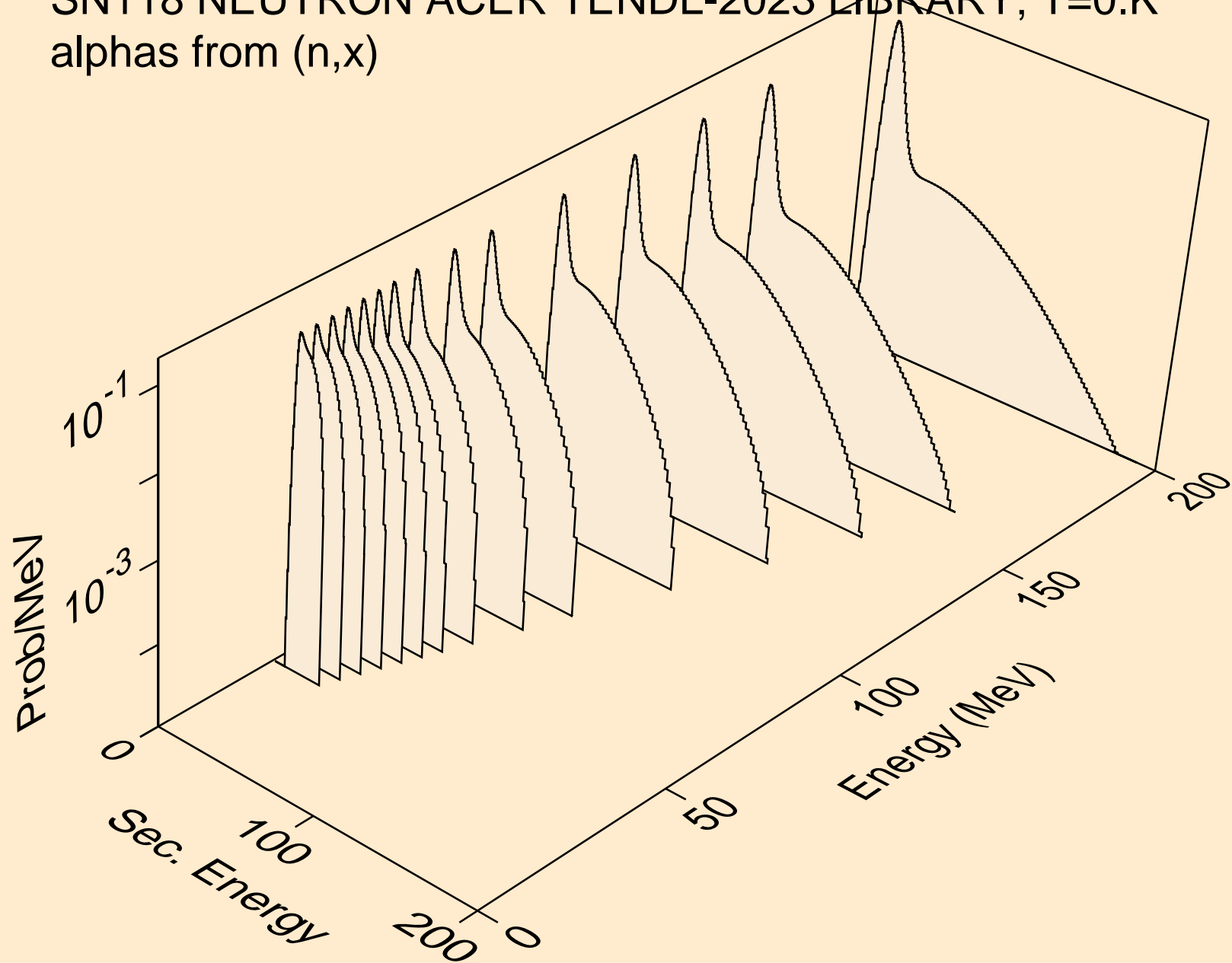
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



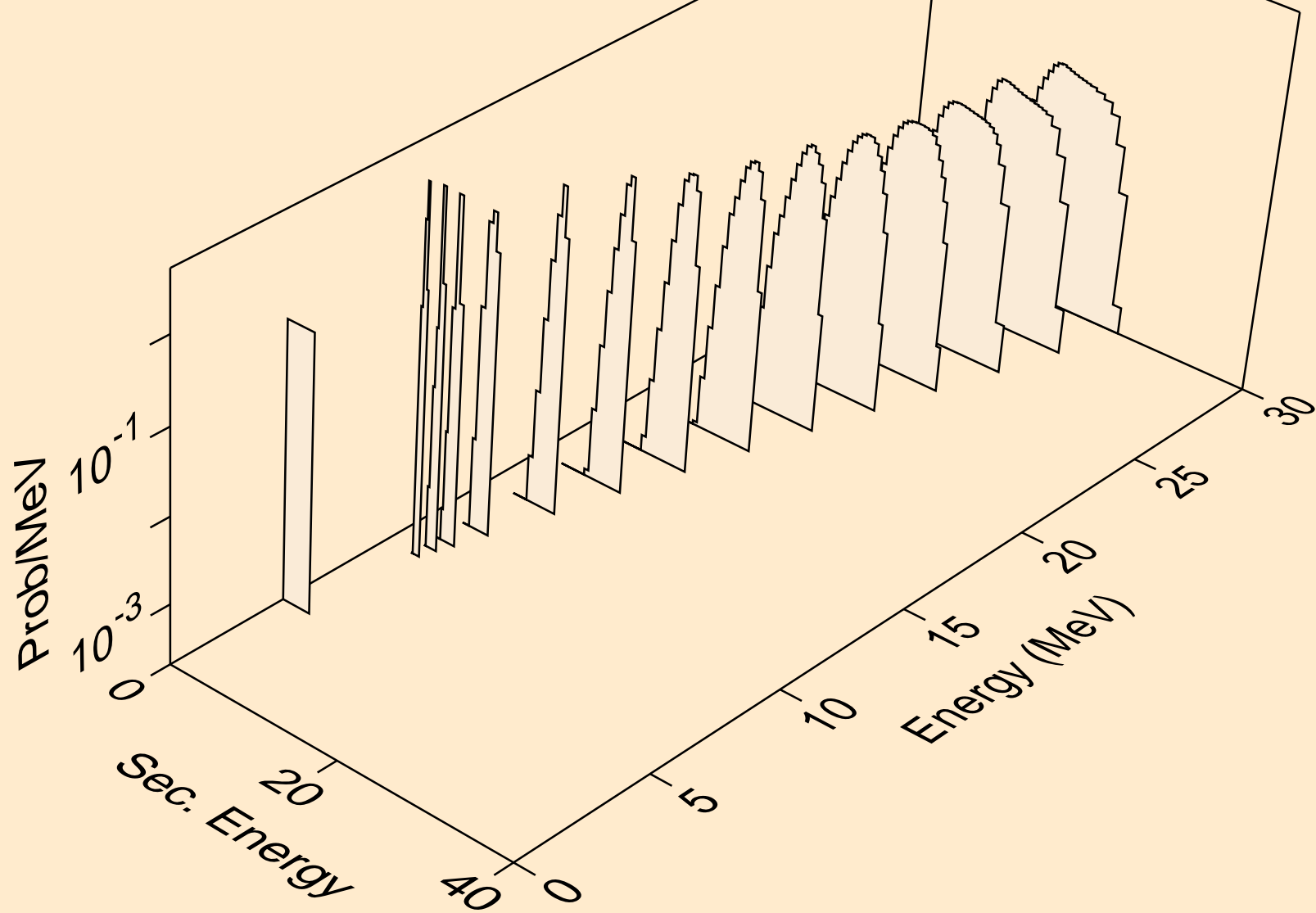
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



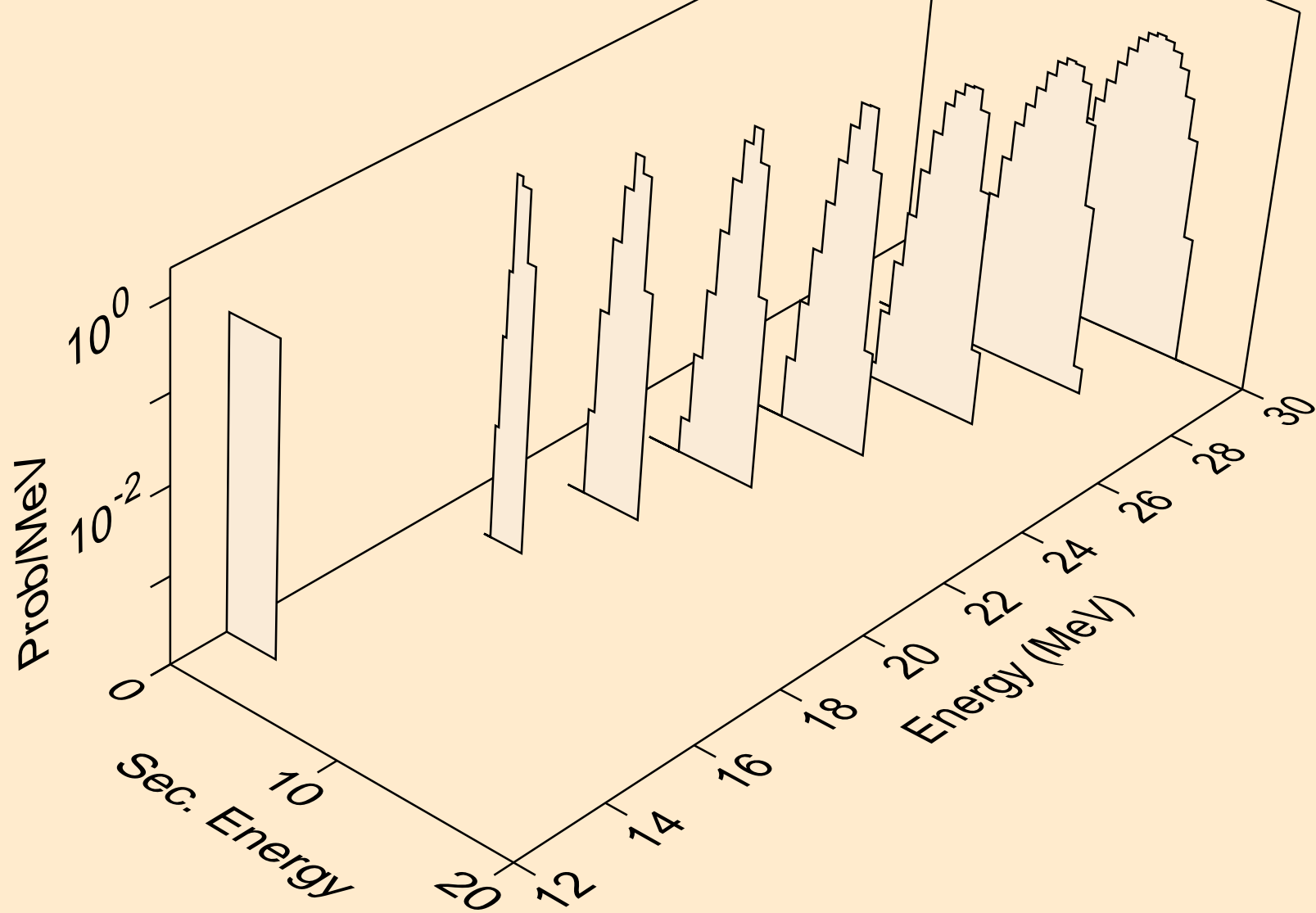
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



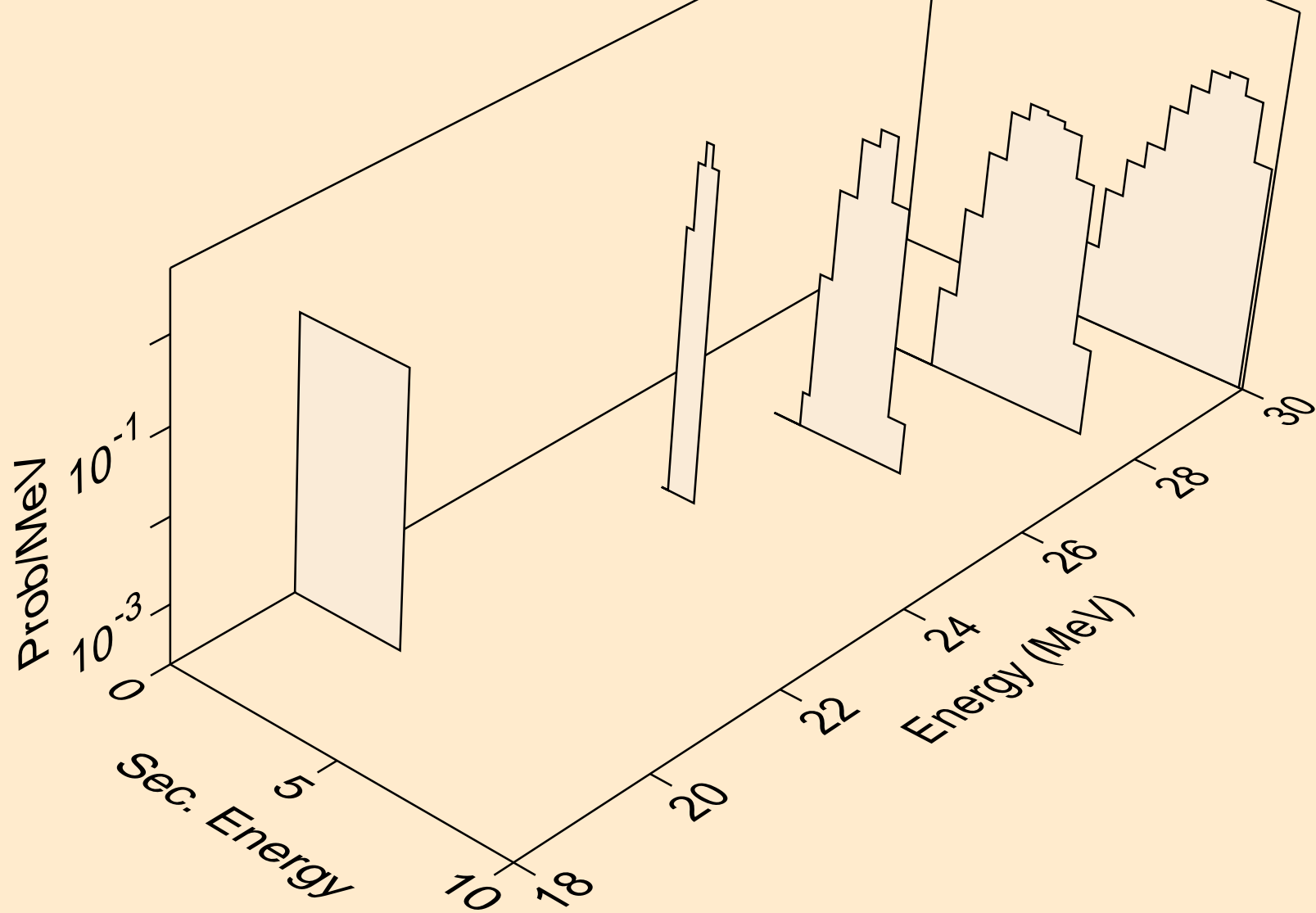
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



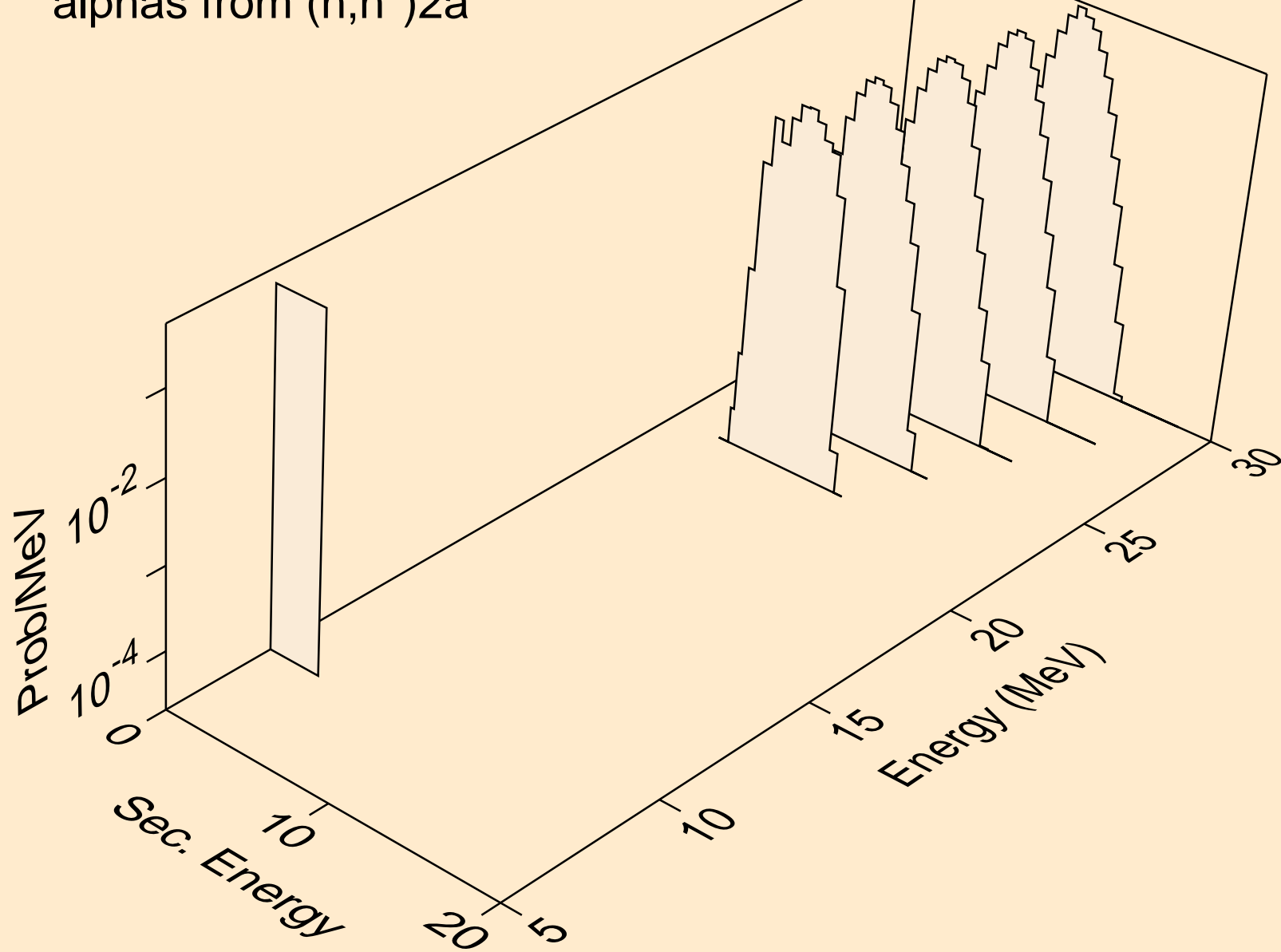
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



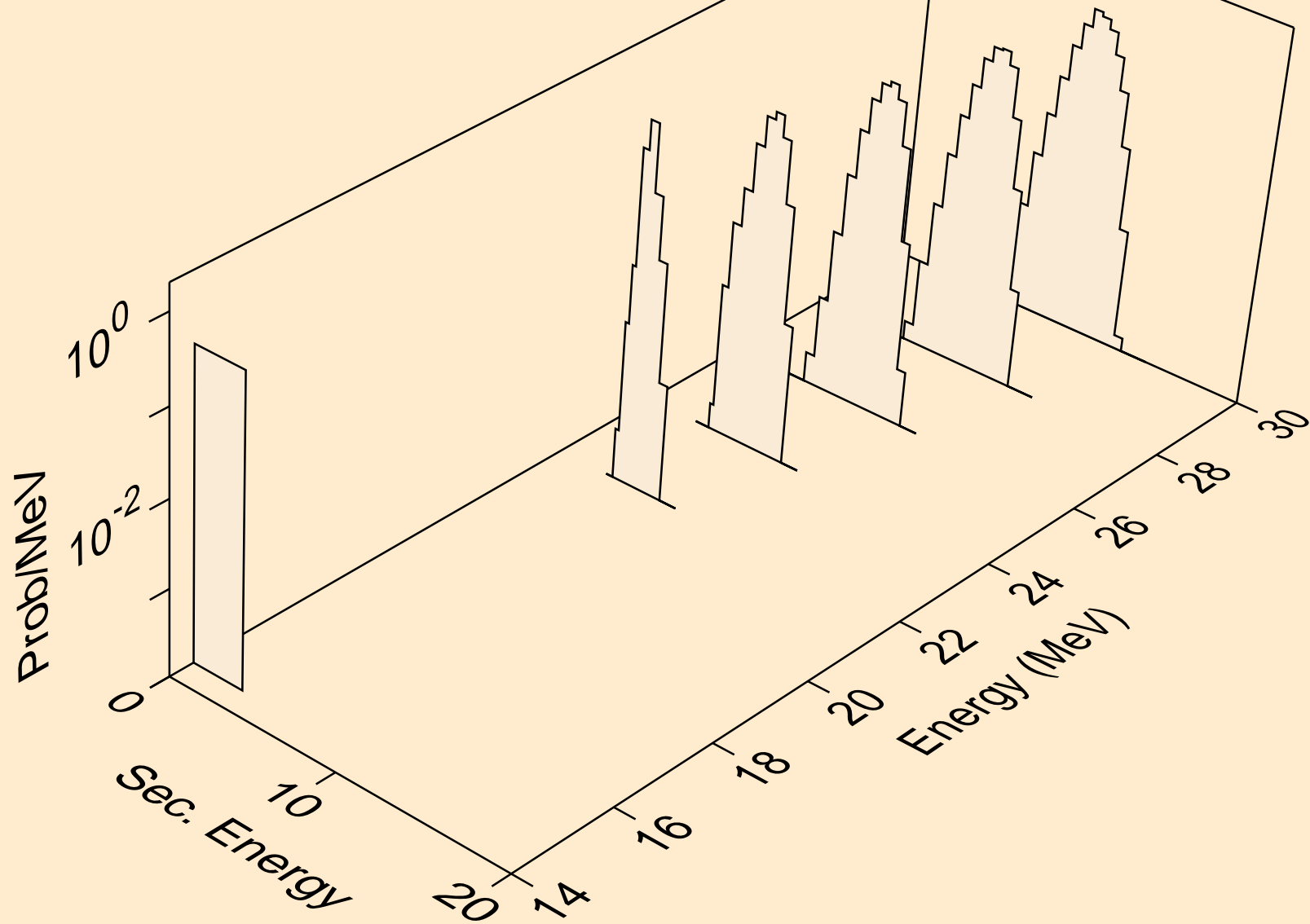
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



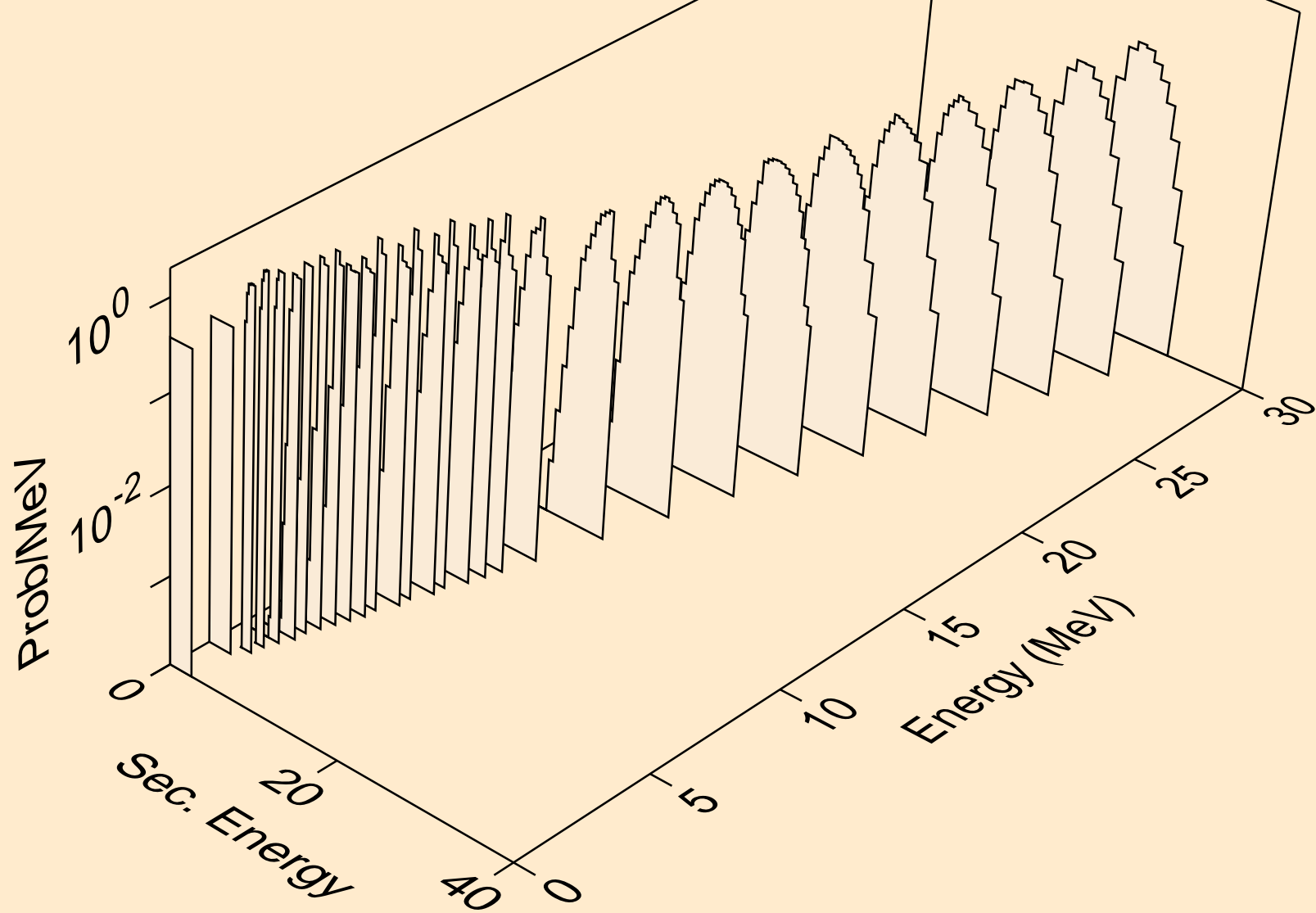
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



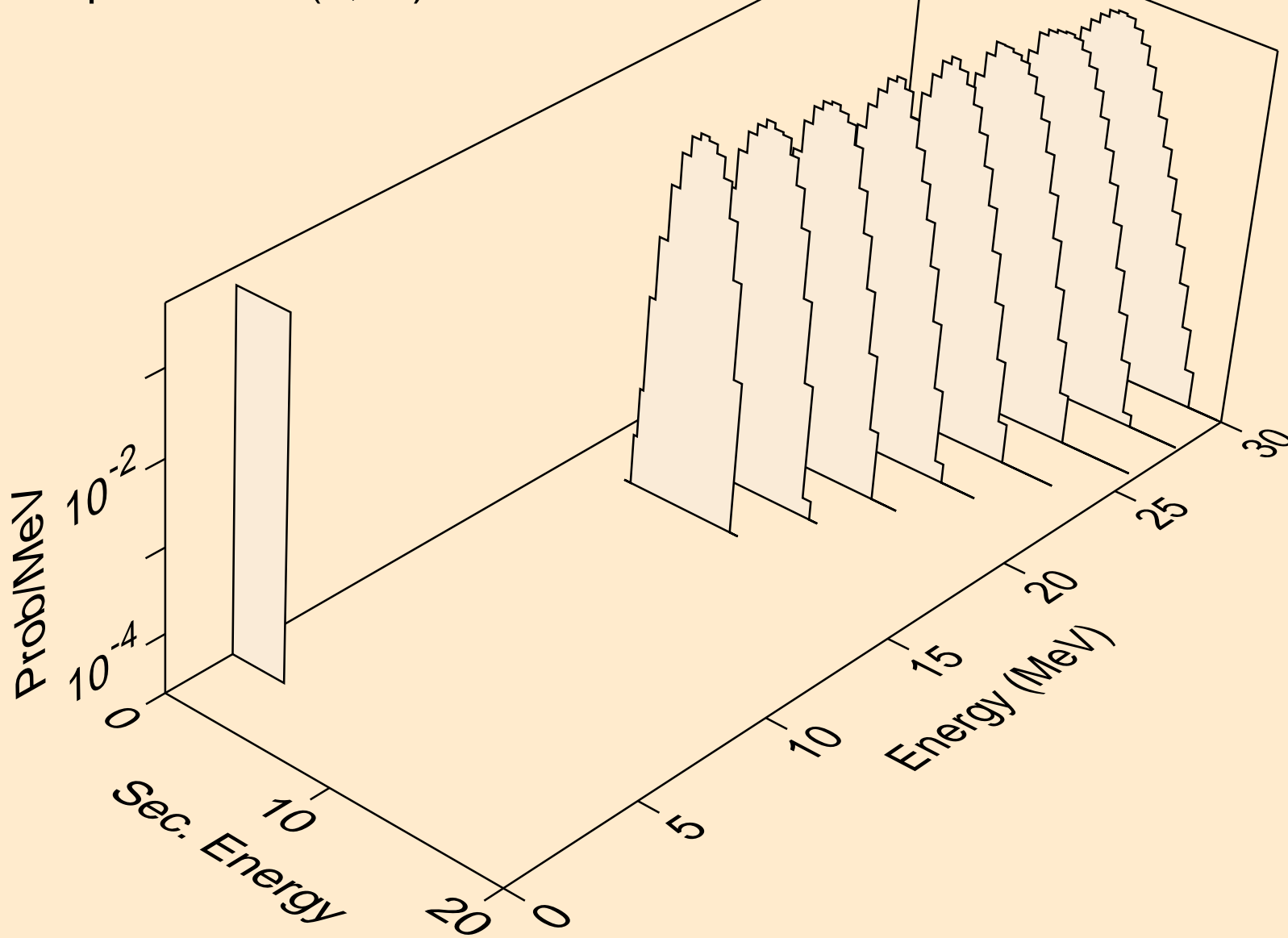
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



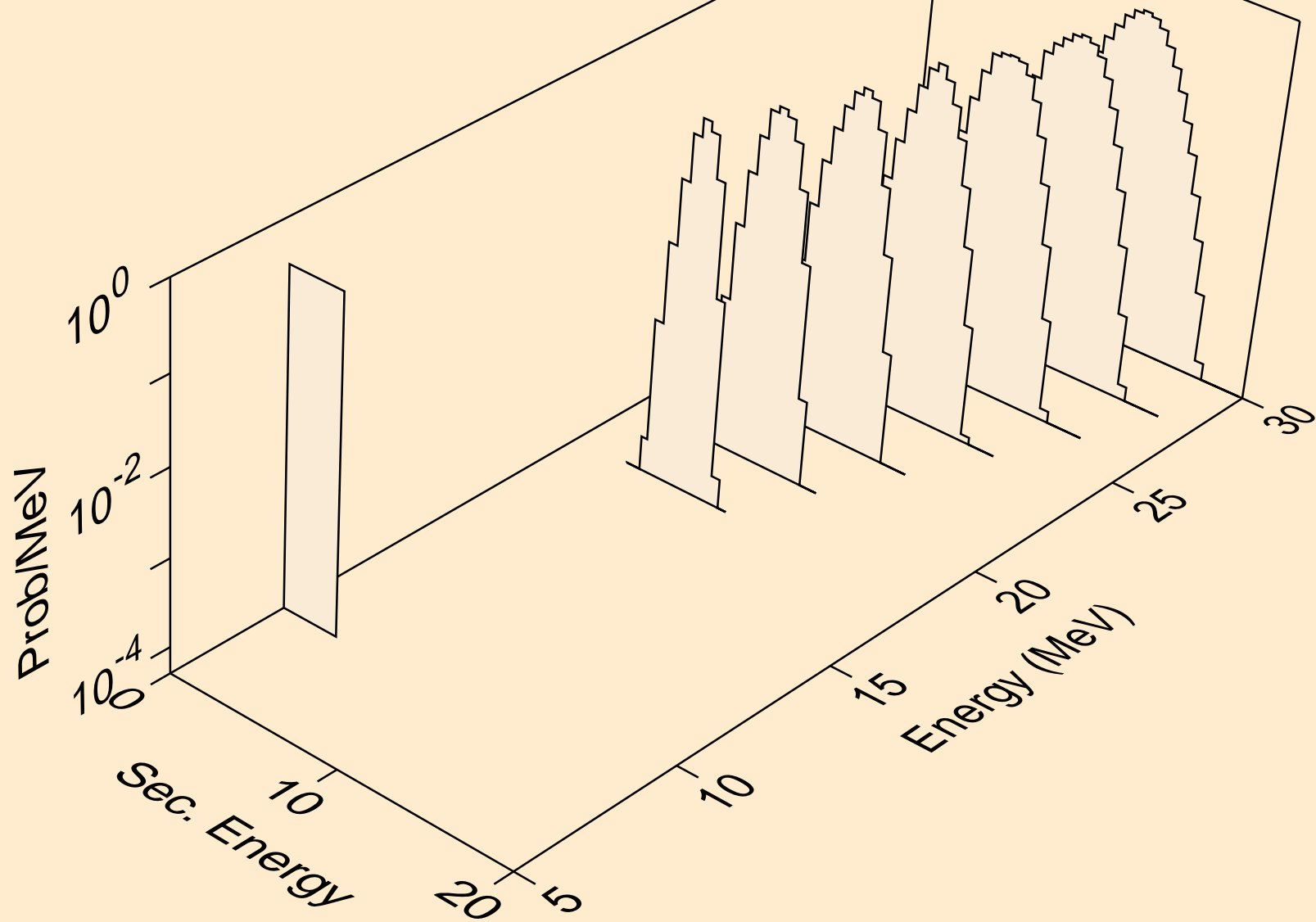
SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



SN118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

