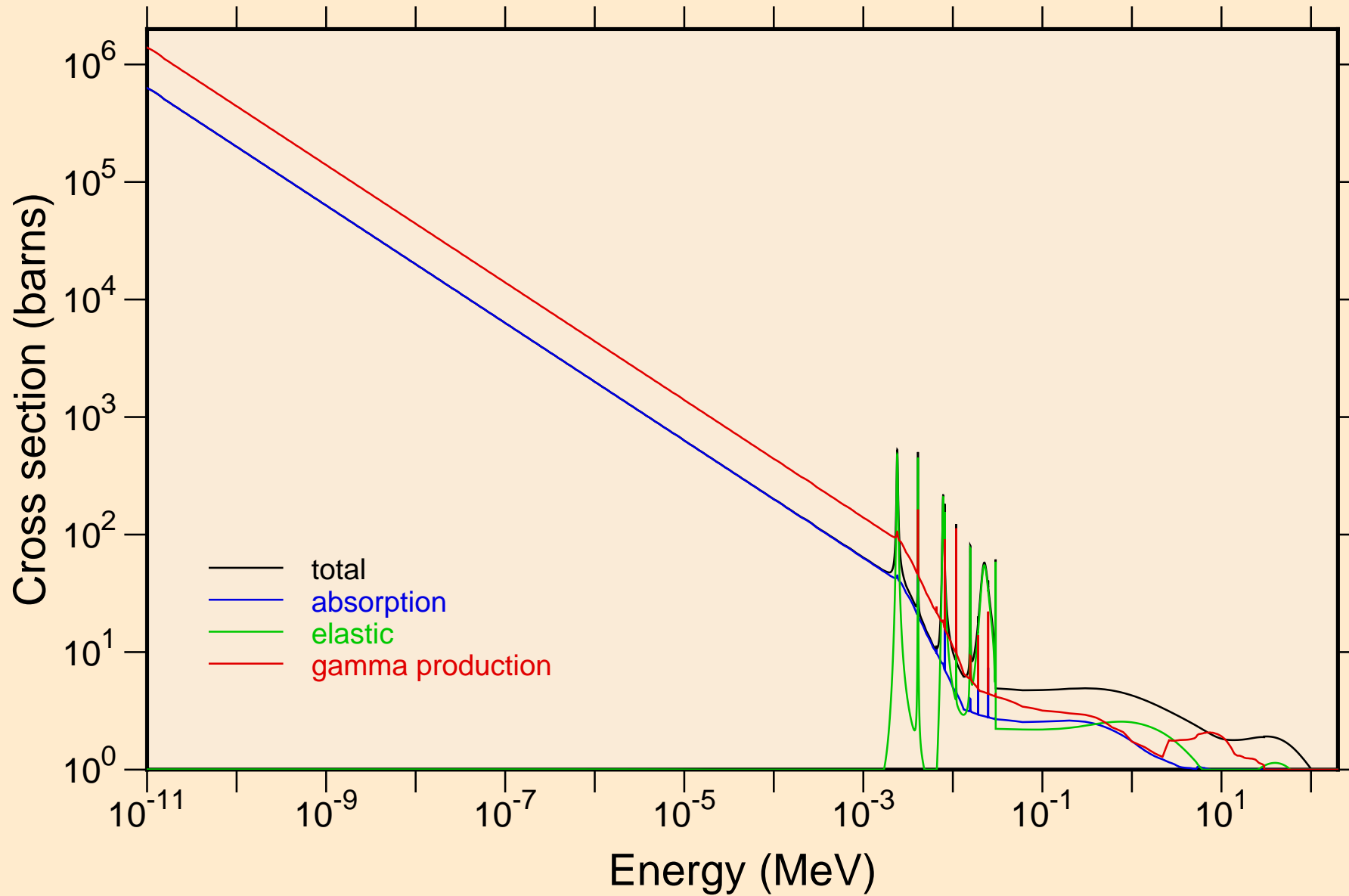
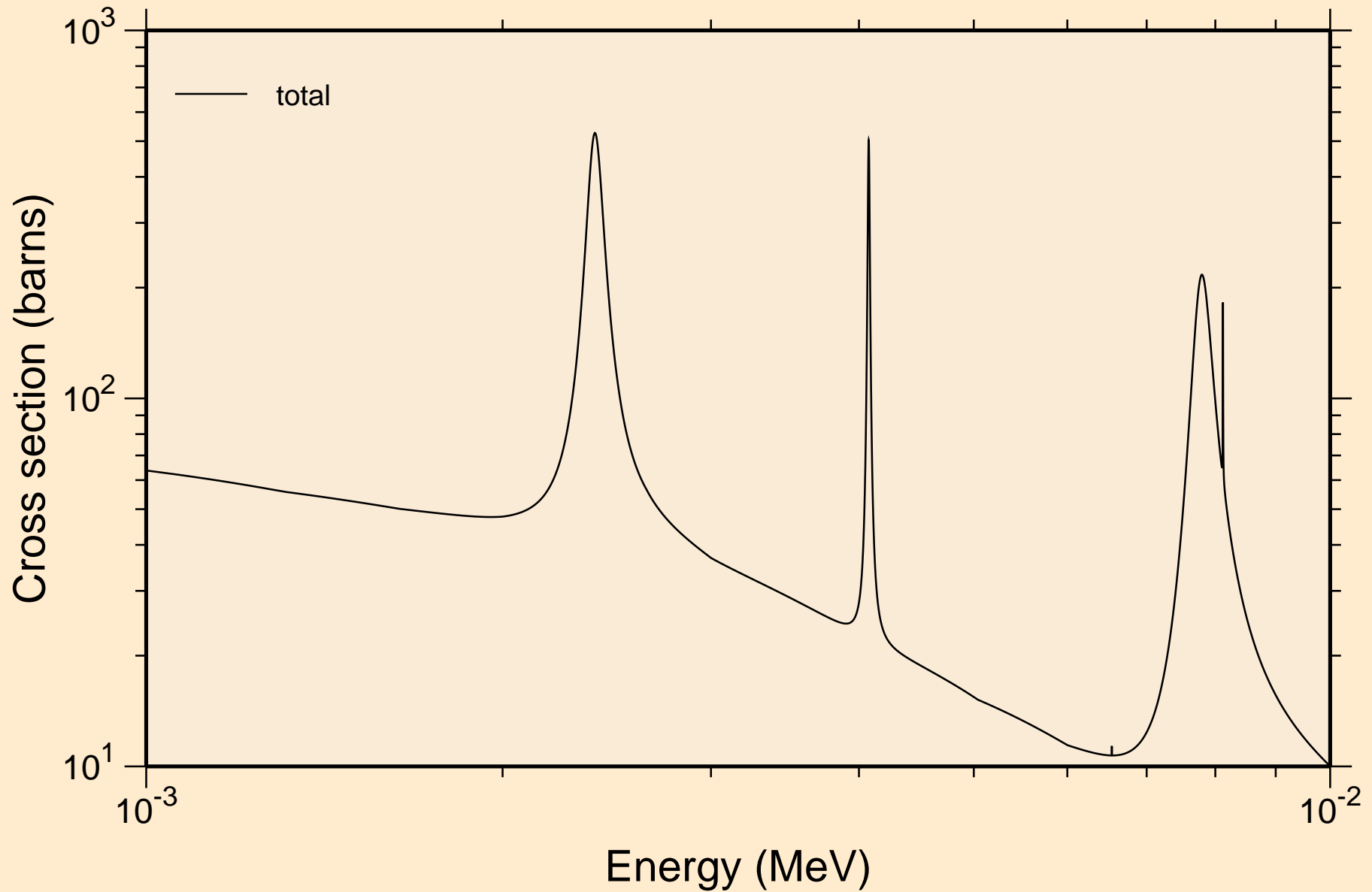


SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

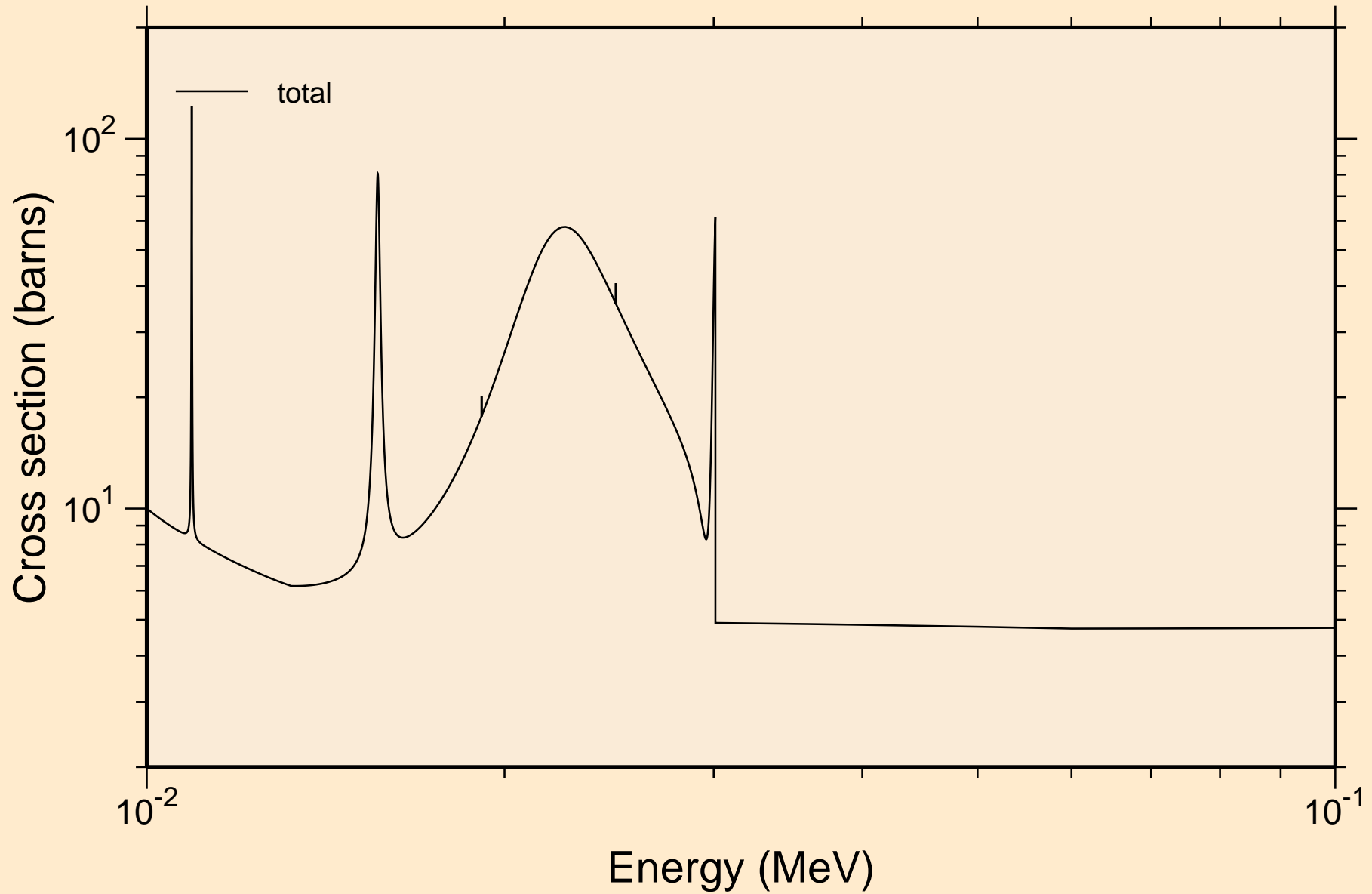
Principal cross sections



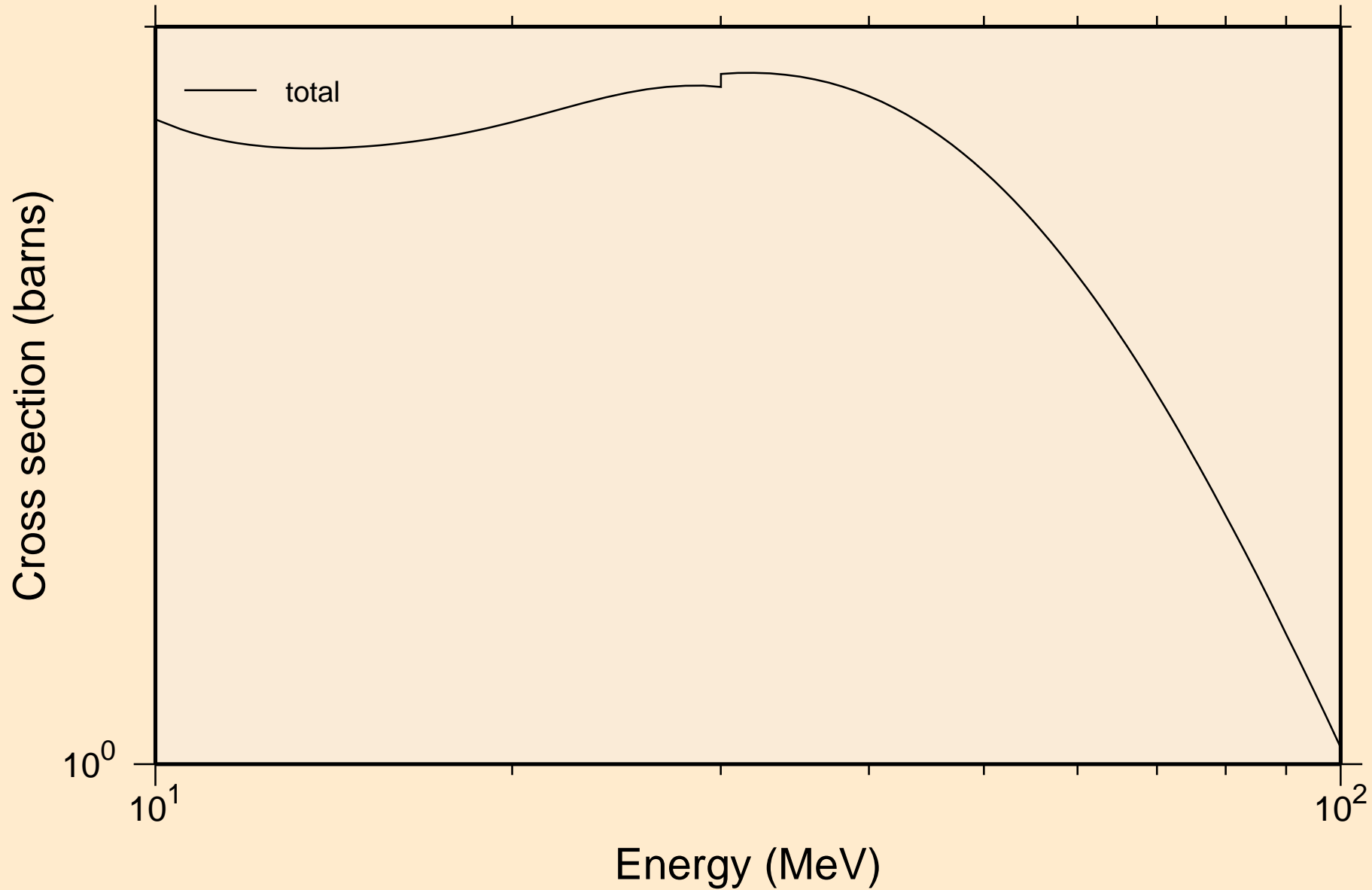
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



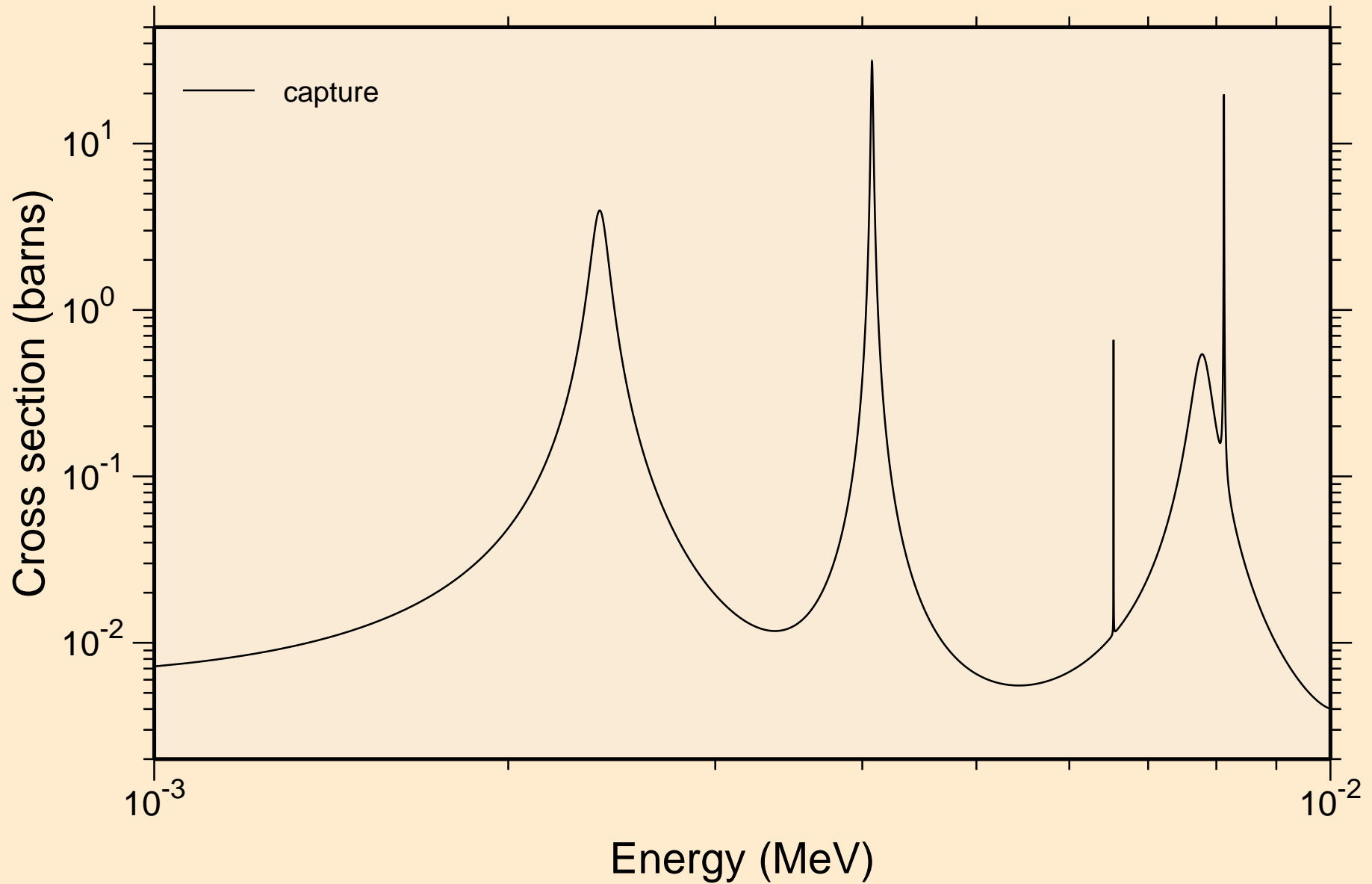
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resonance total cross section



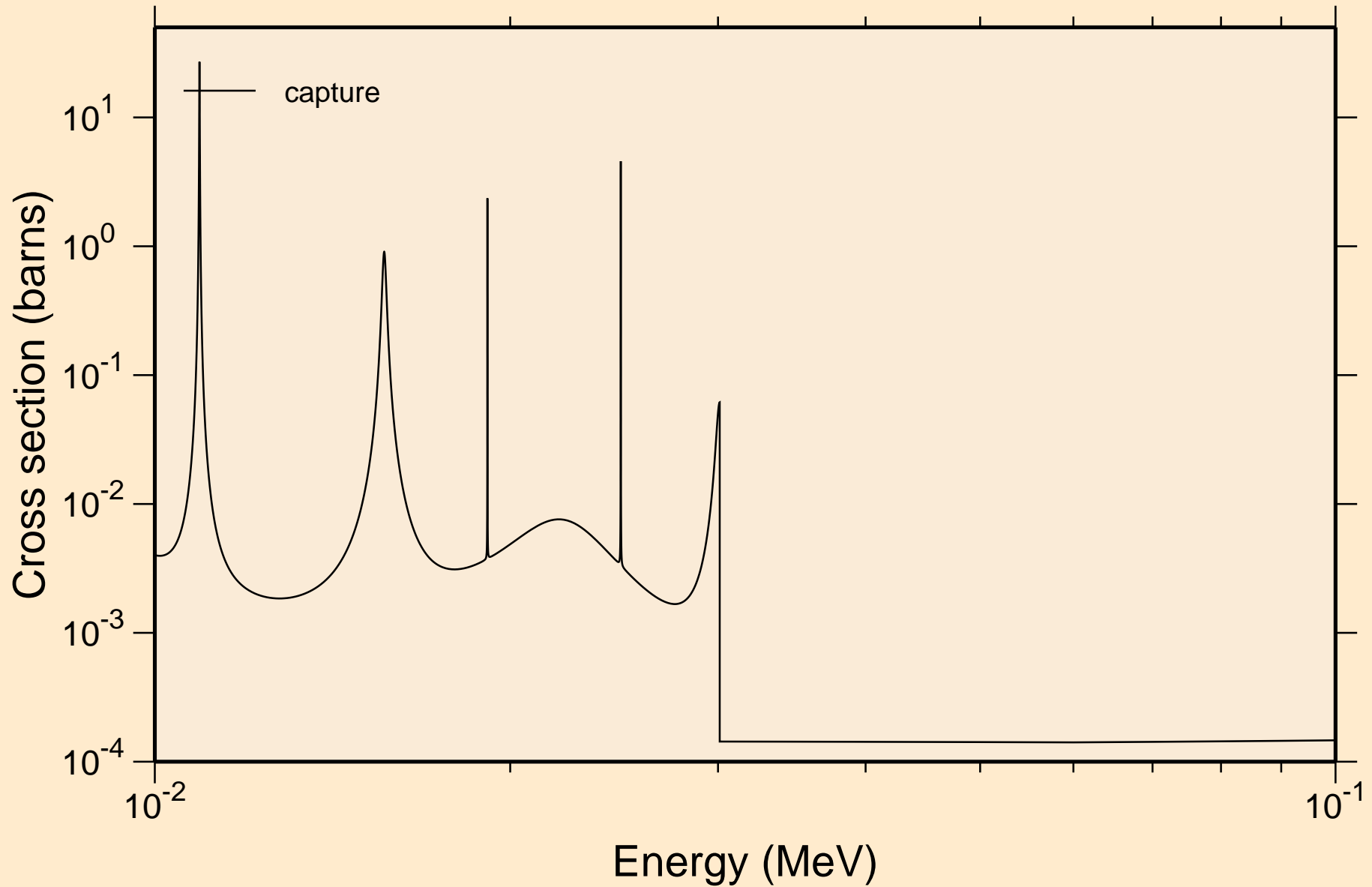
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resonance total cross section



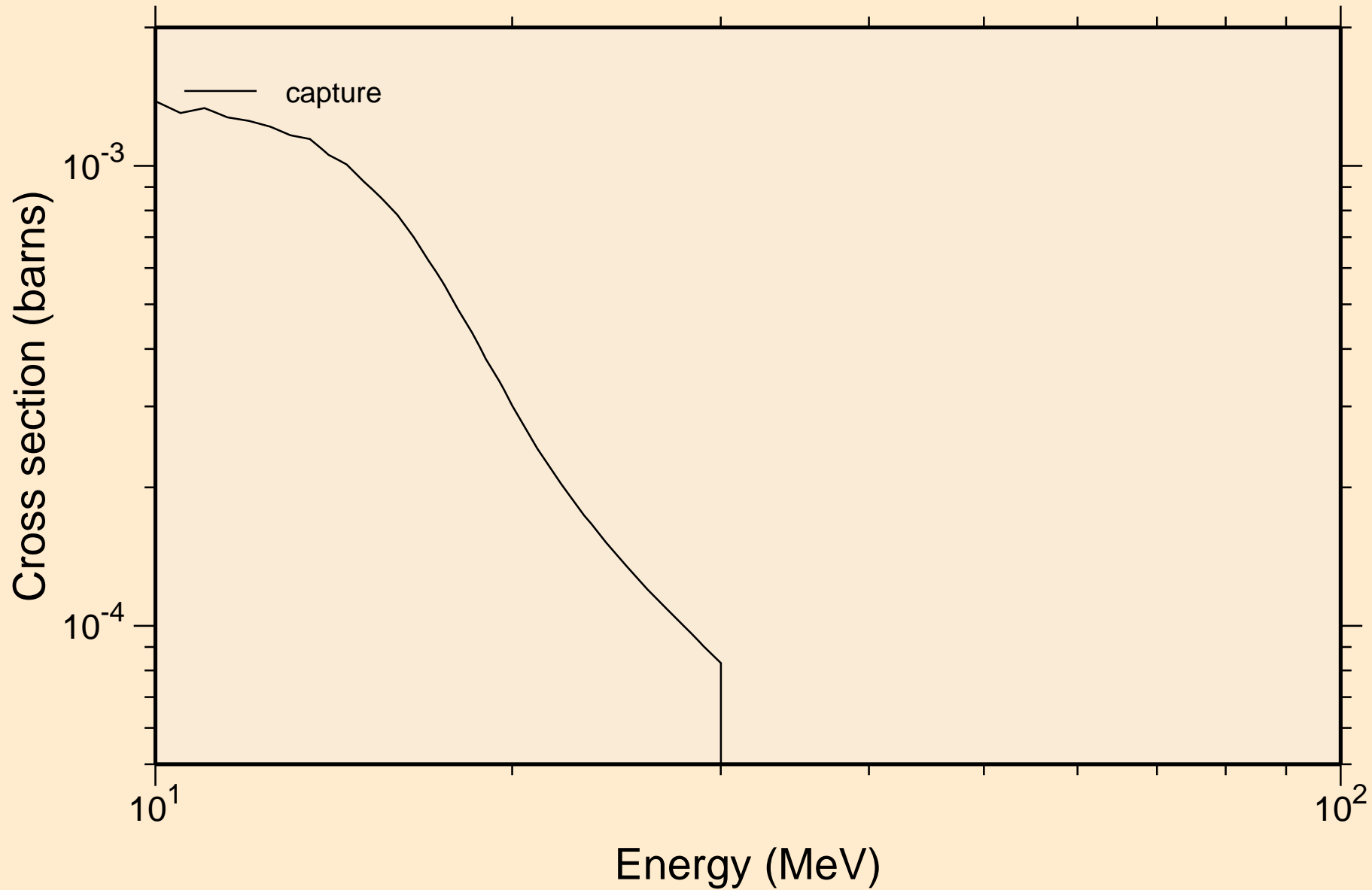
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

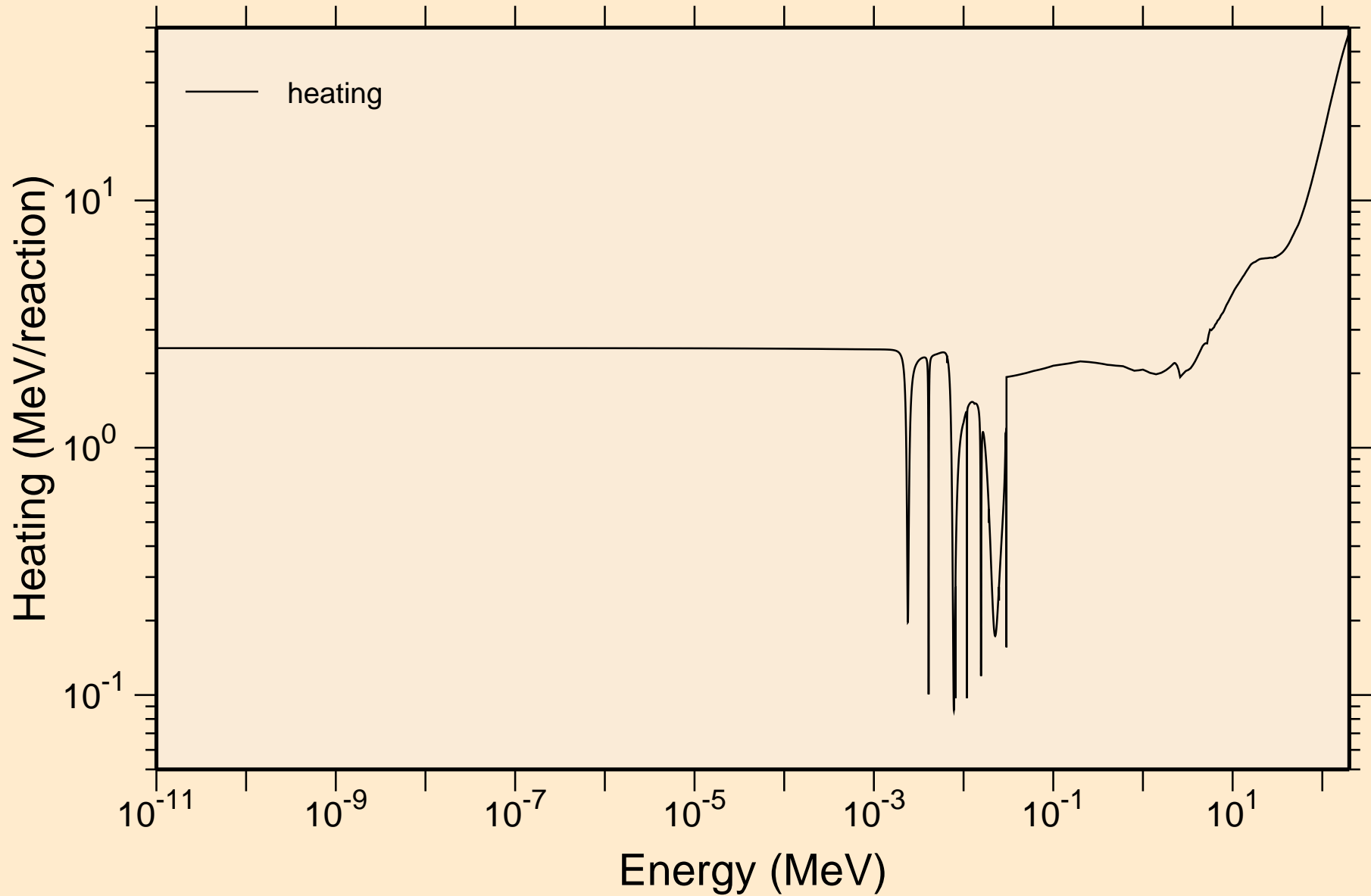


SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



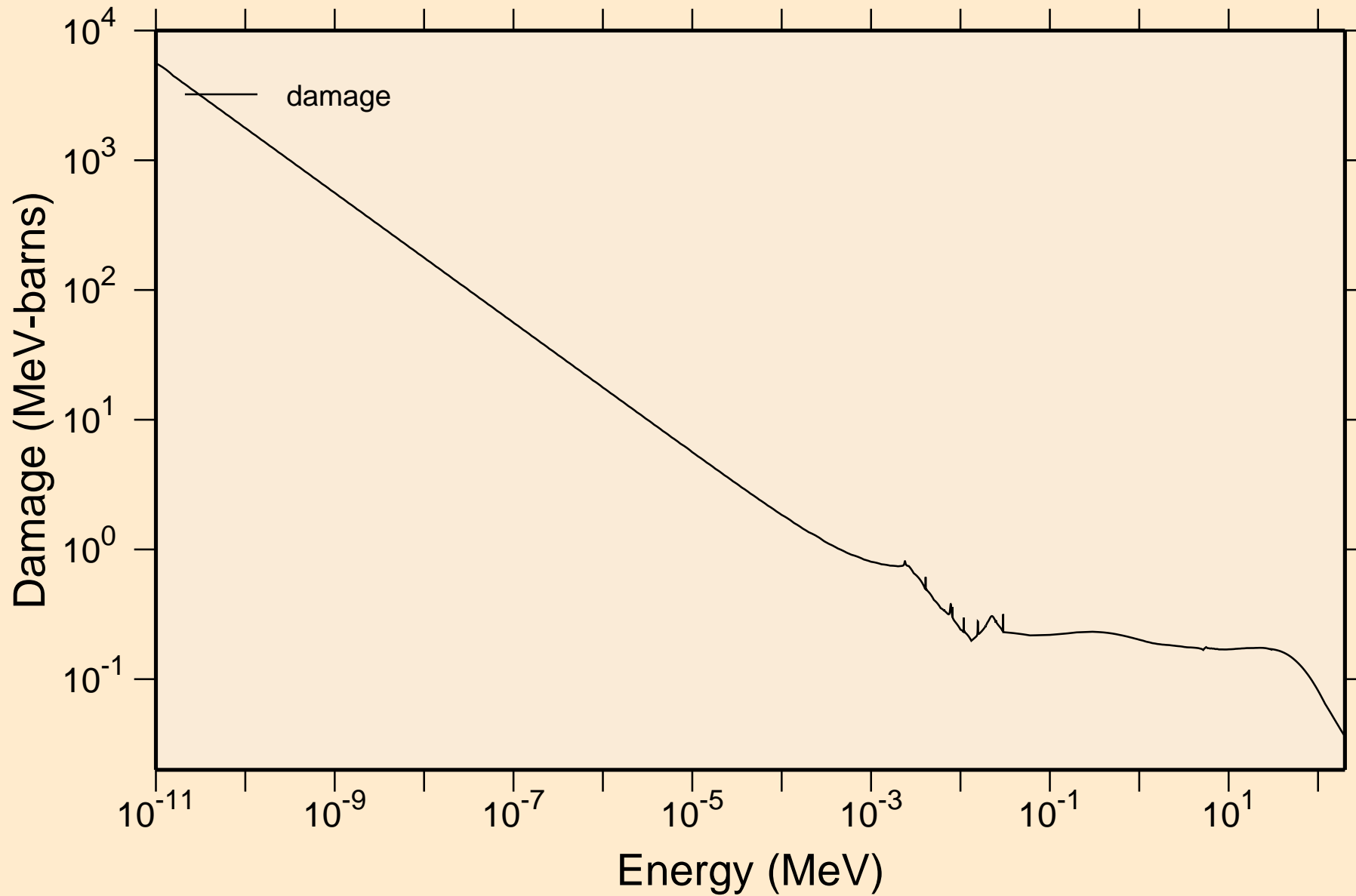
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Heating



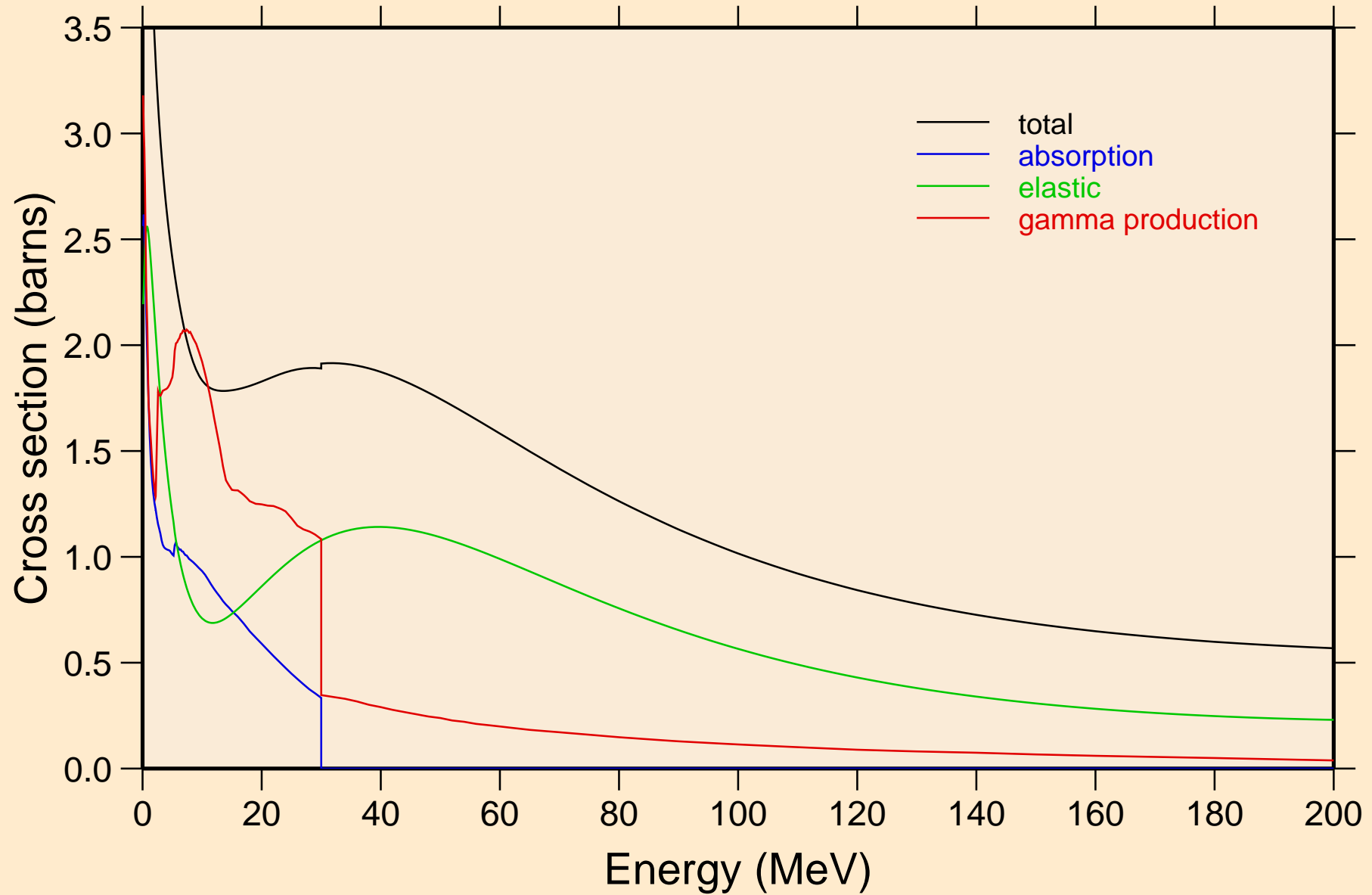
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Damage



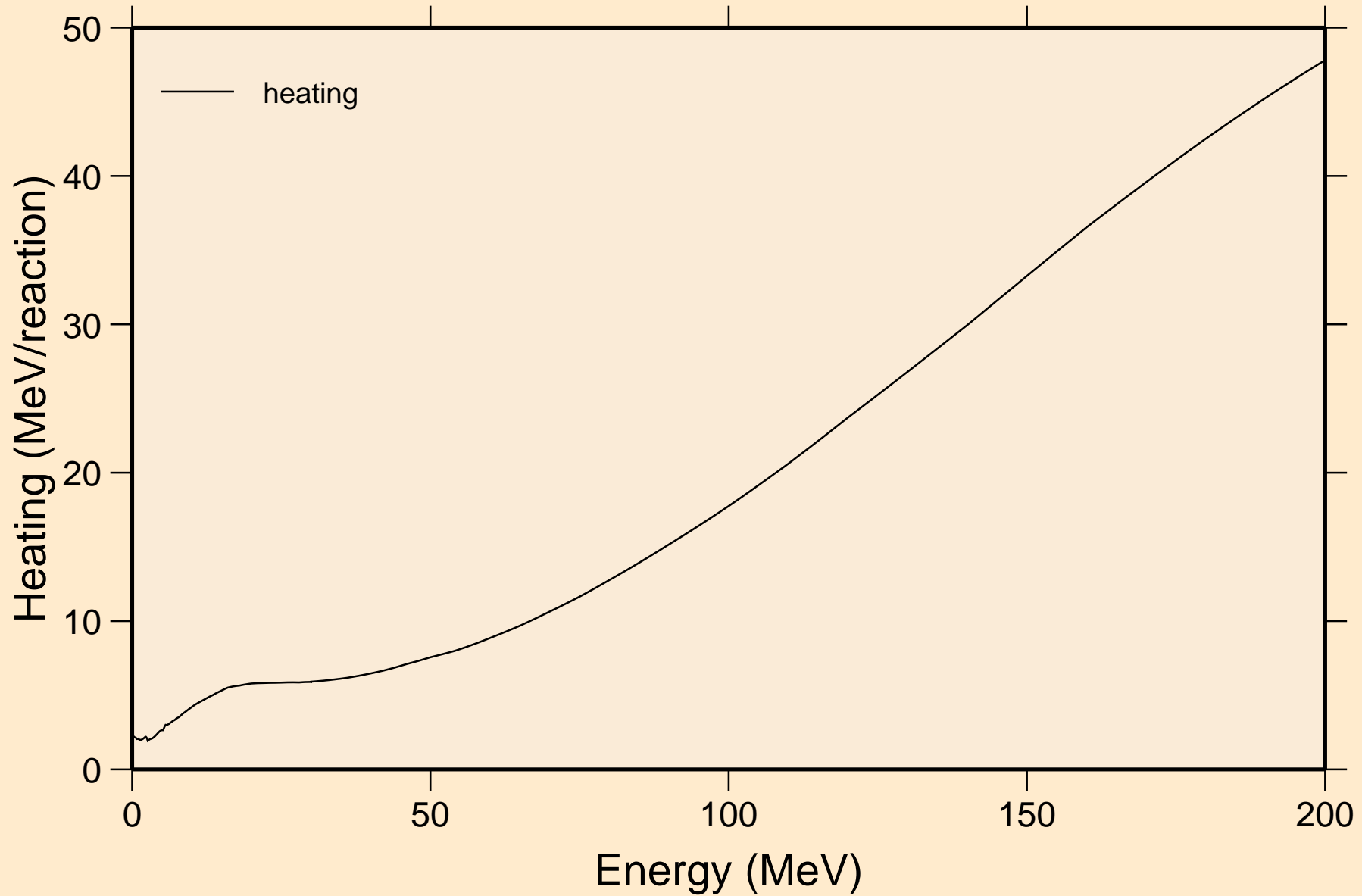
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Principal cross sections

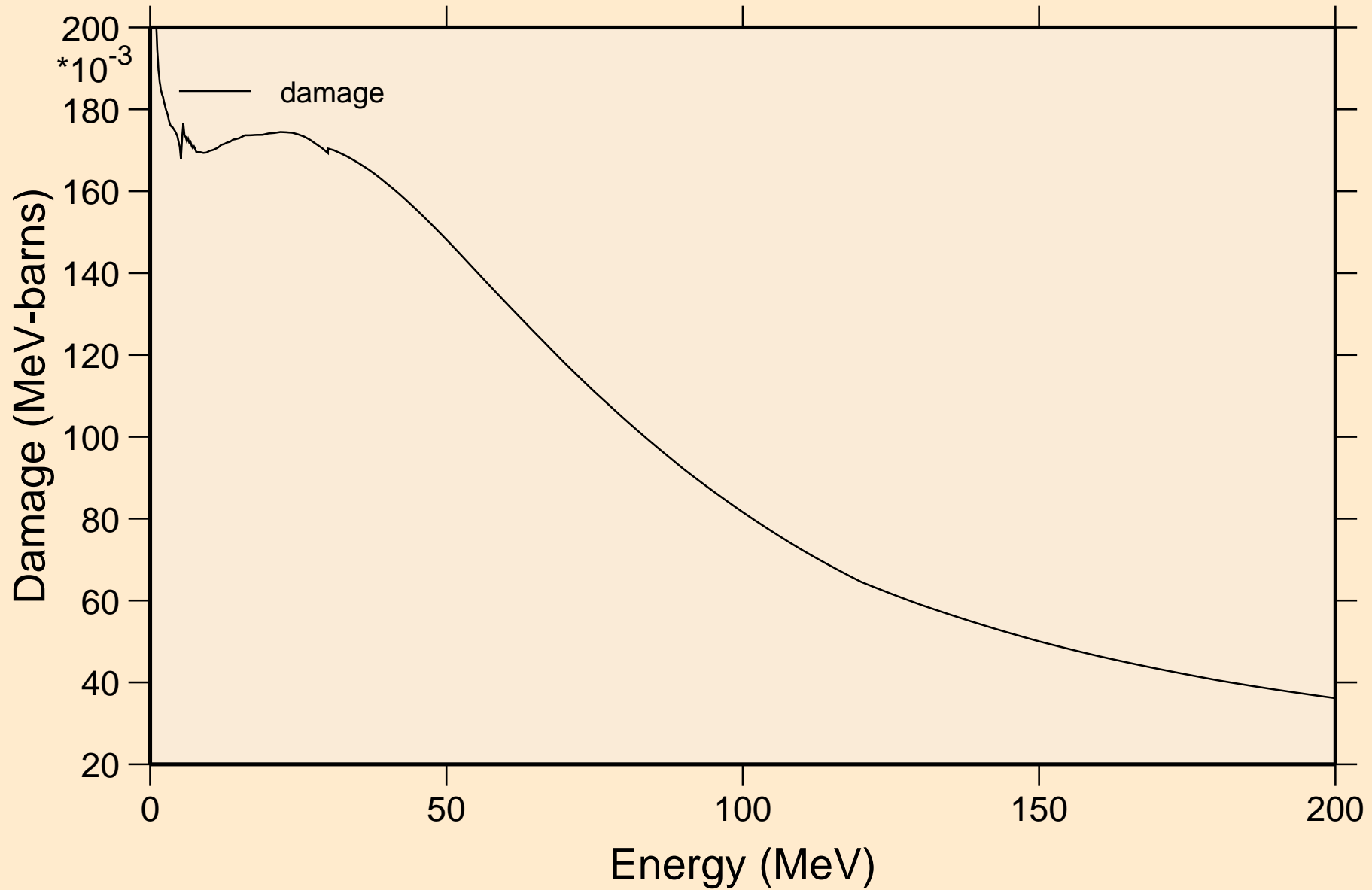


SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

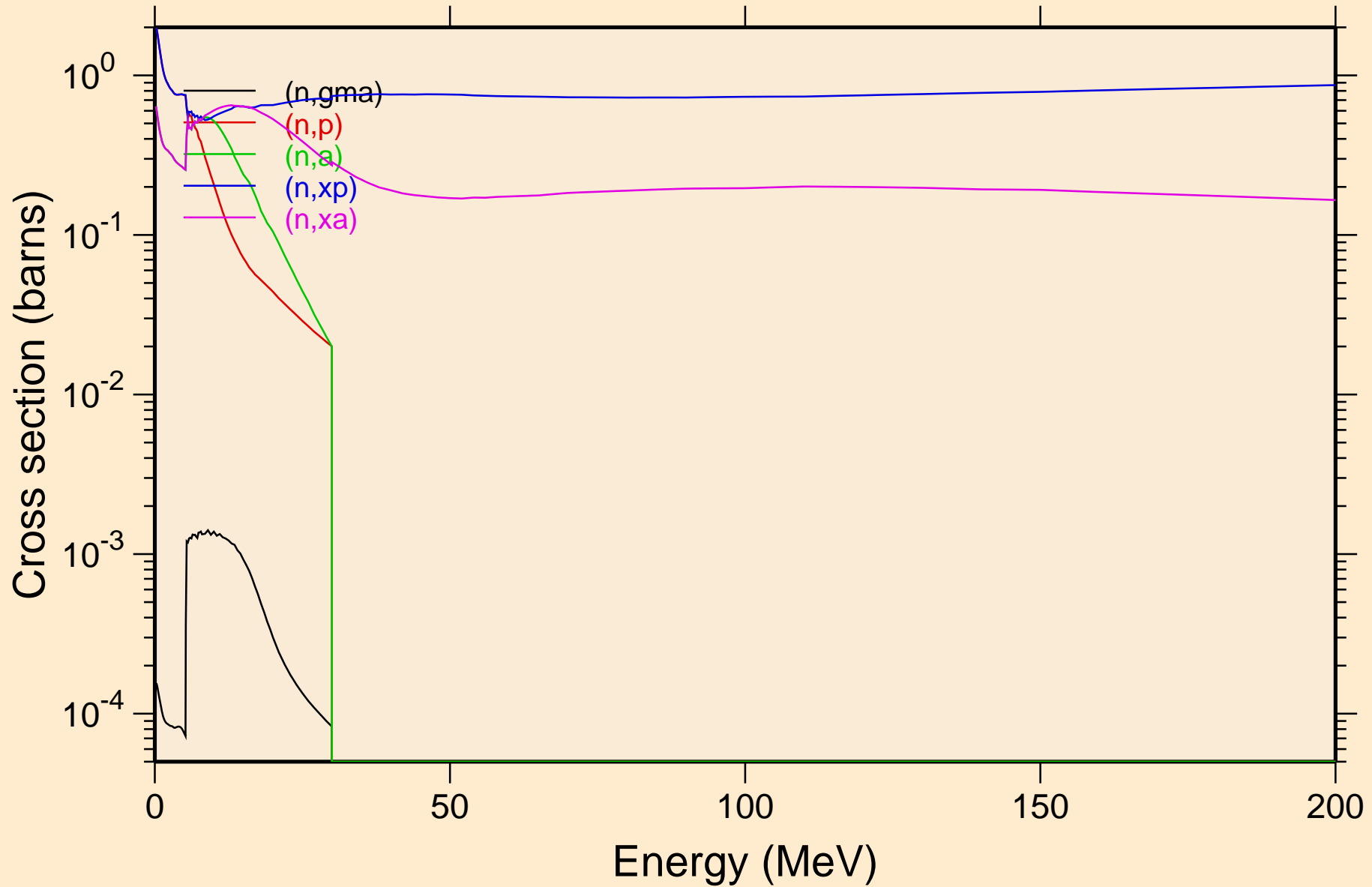


SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage

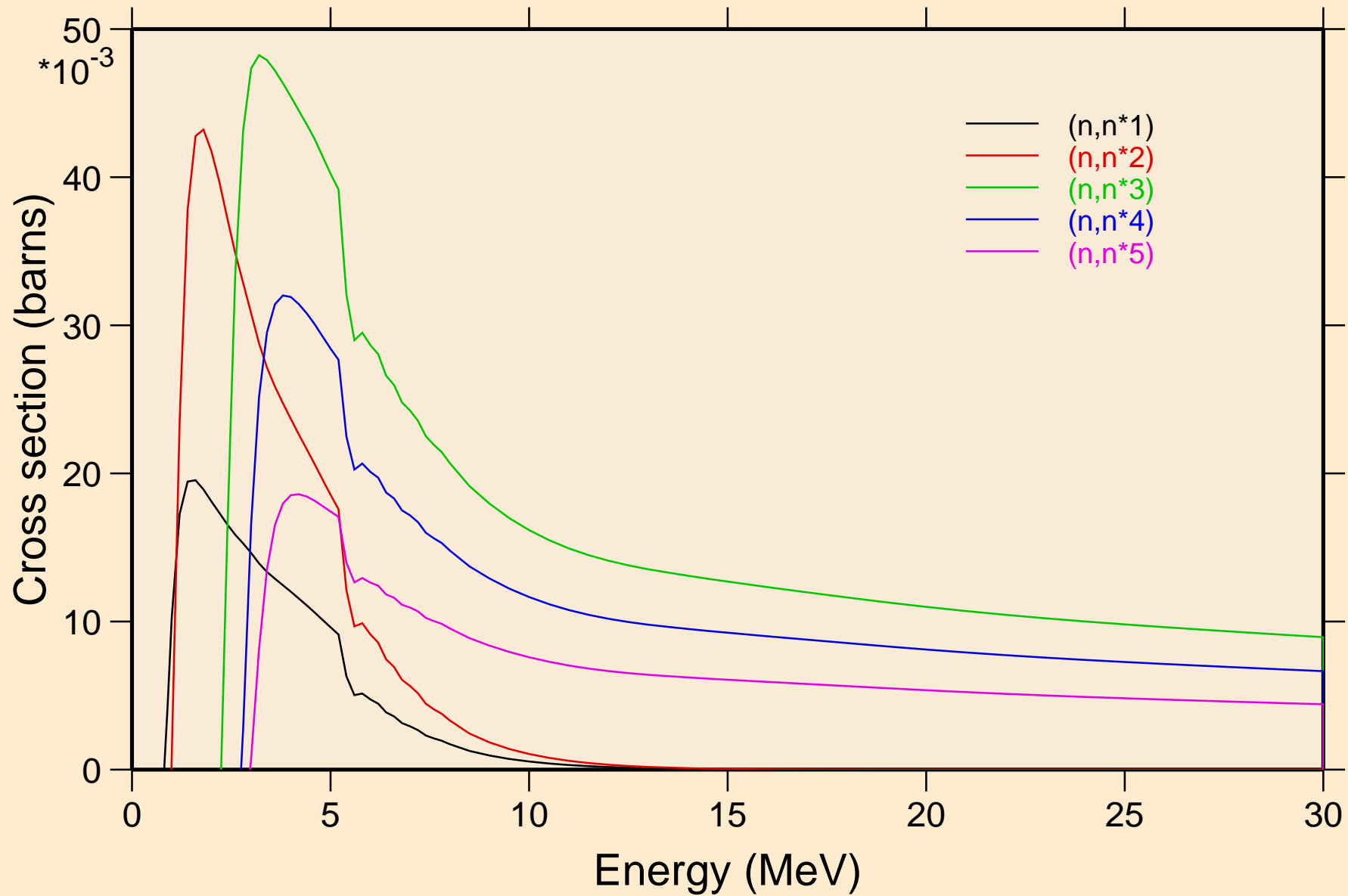


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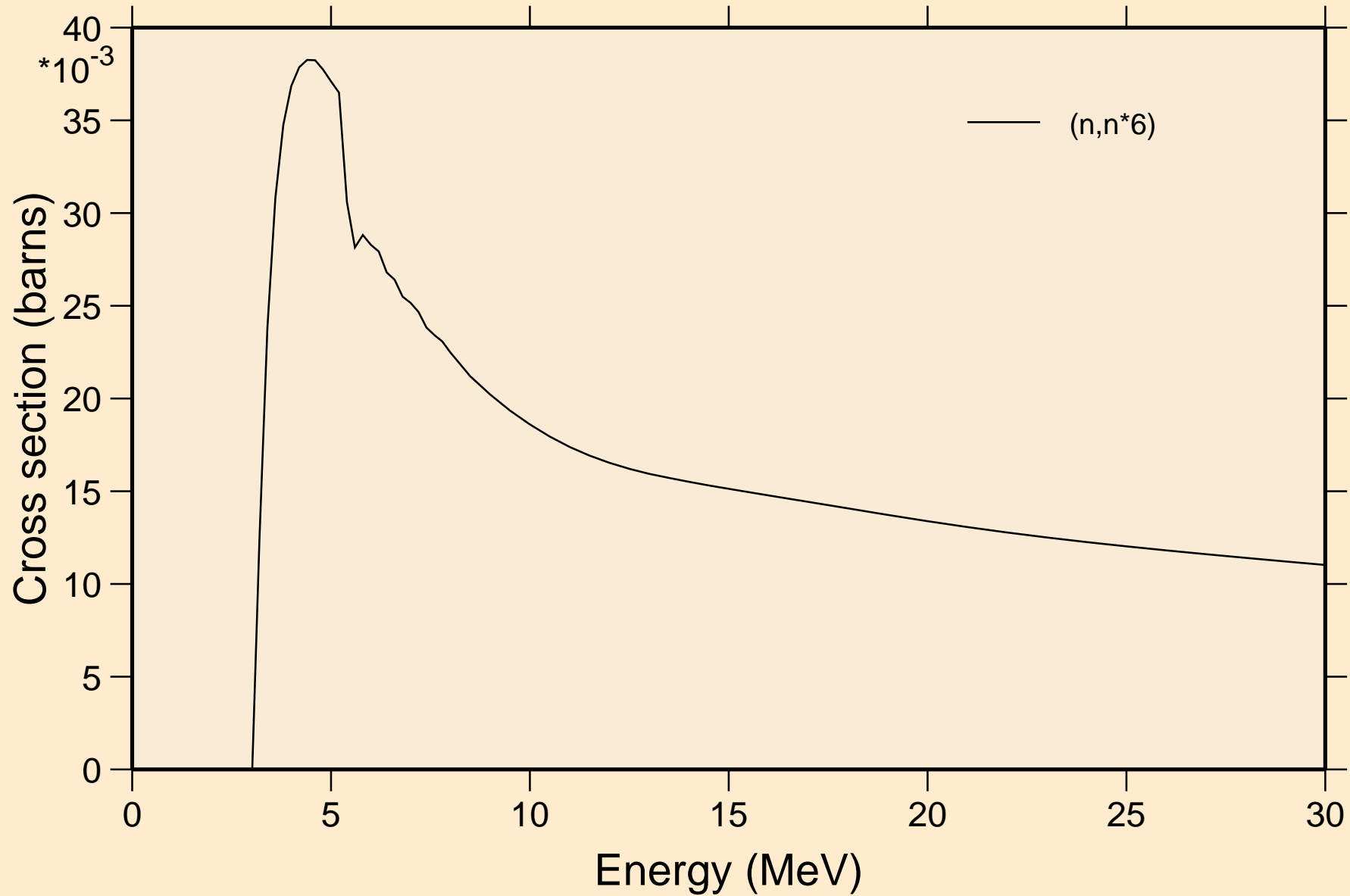
Non-threshold reactions



SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

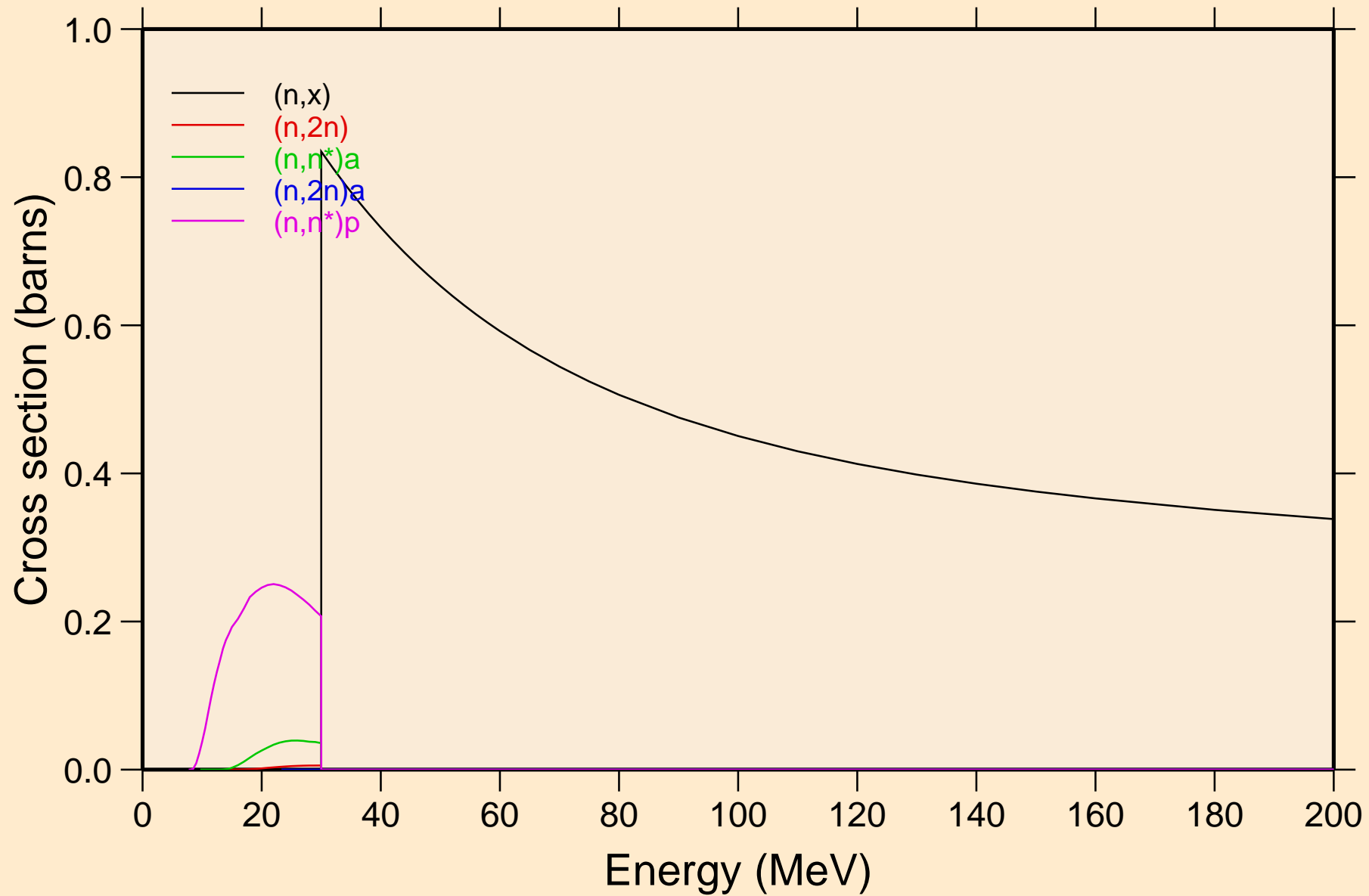


SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



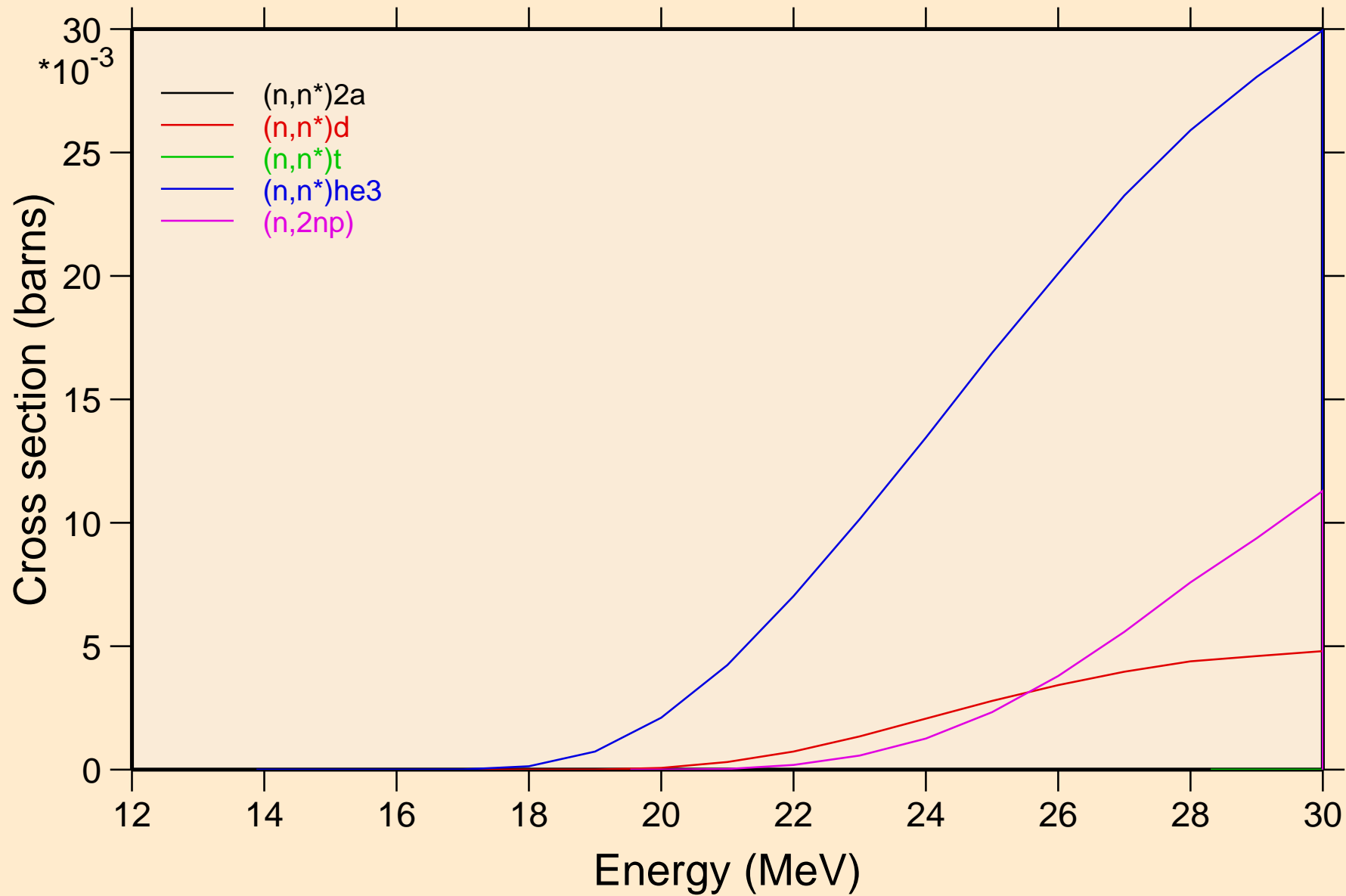
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



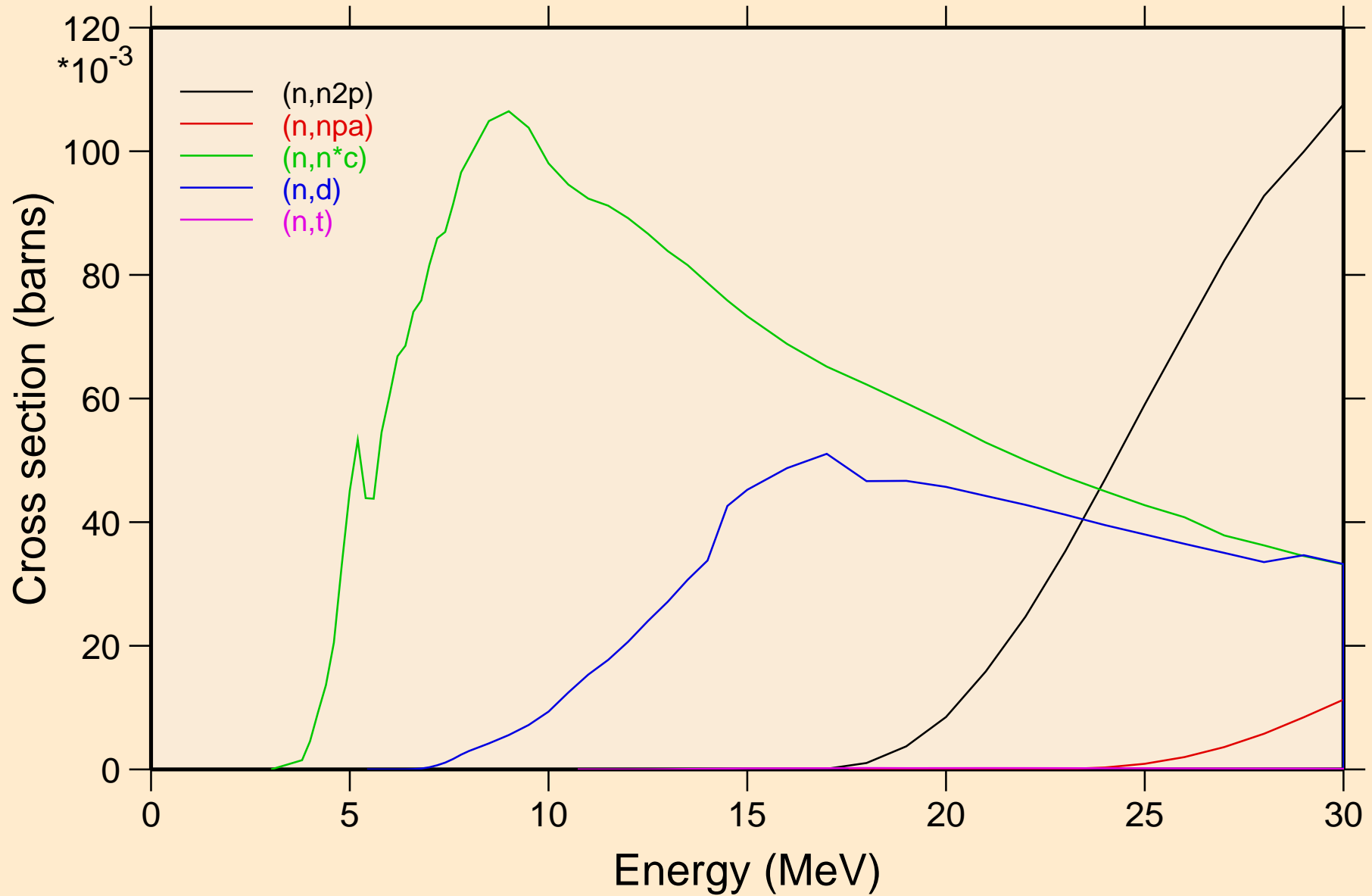
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Threshold reactions



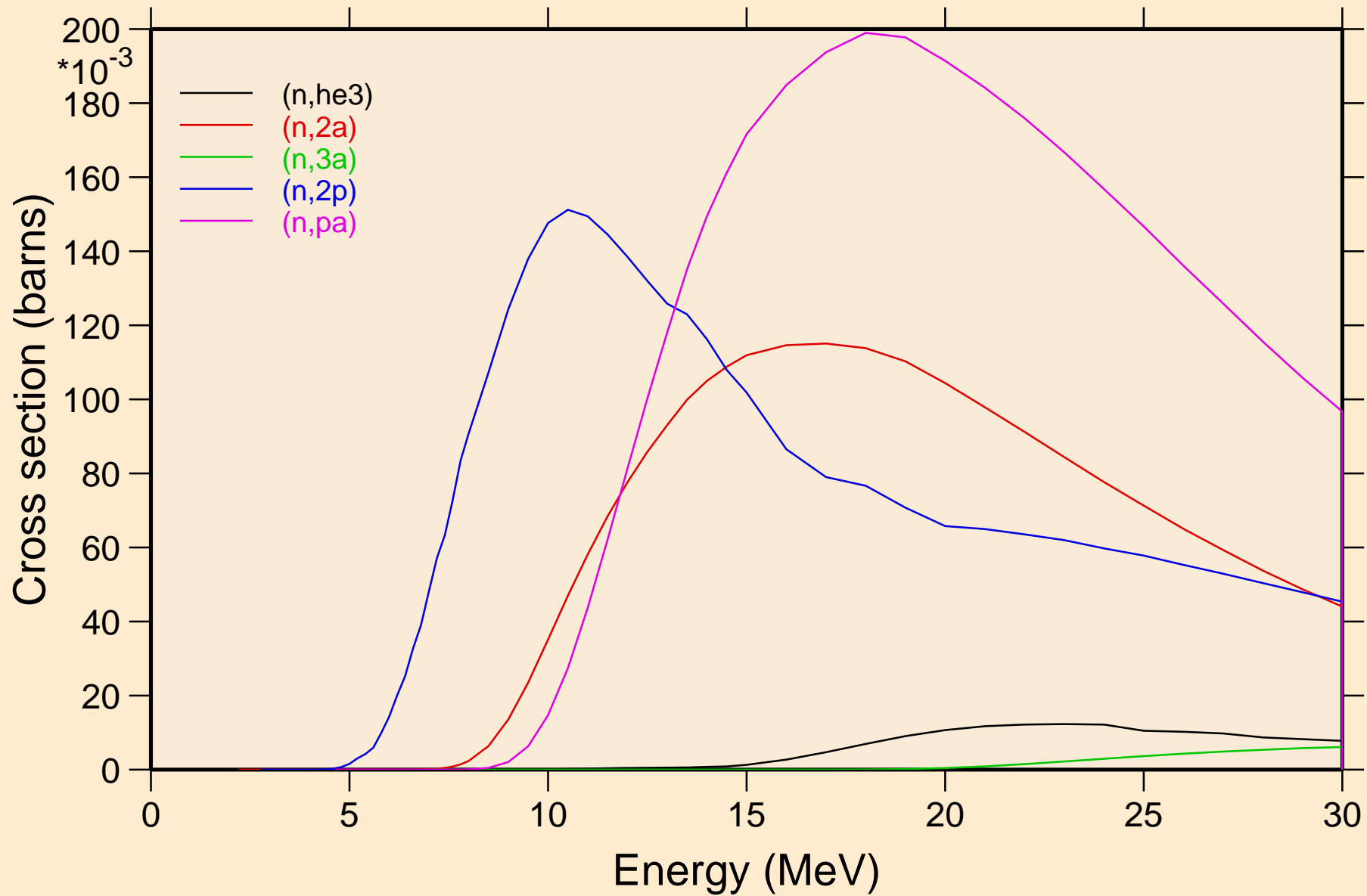
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

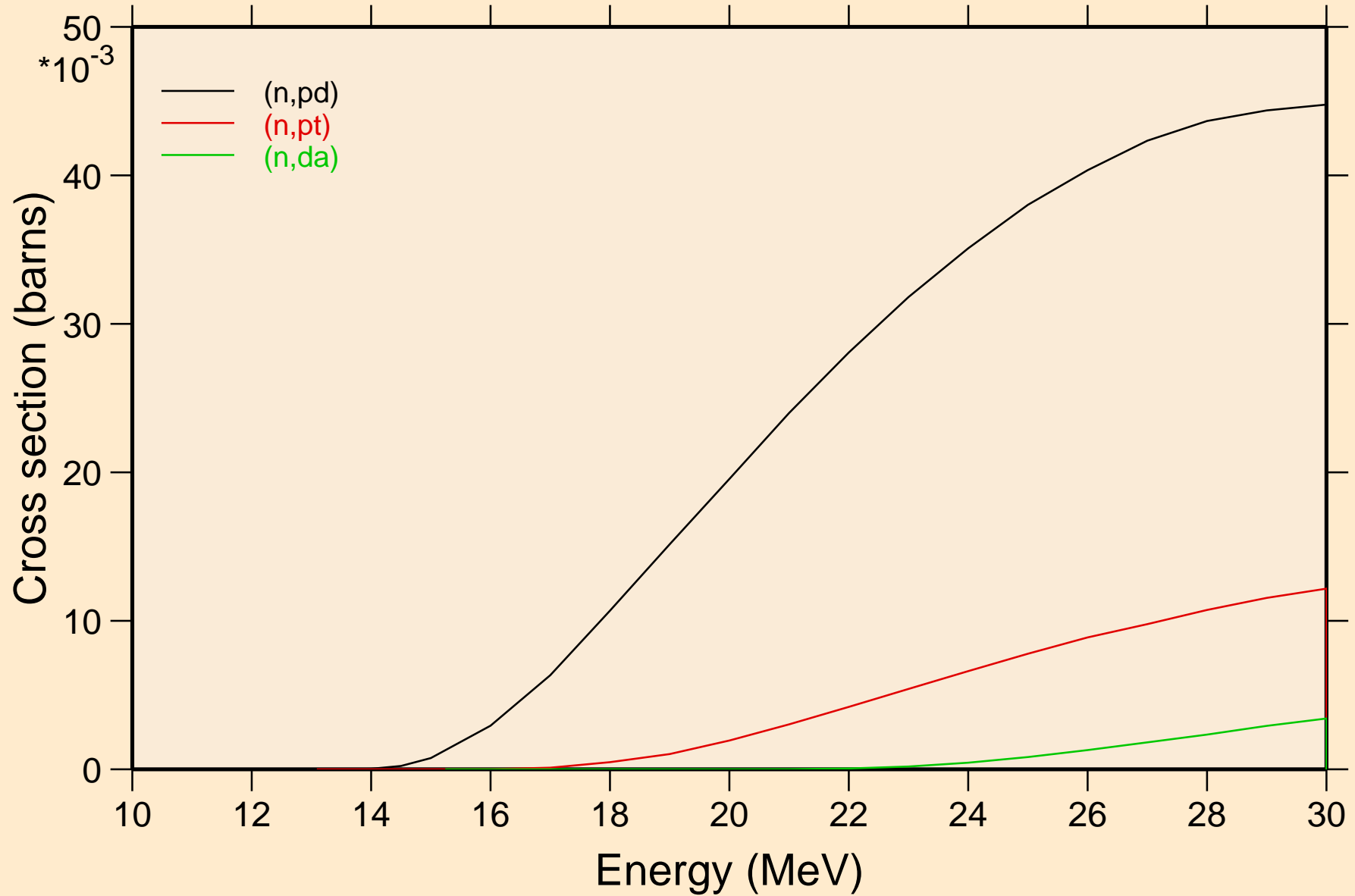


SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

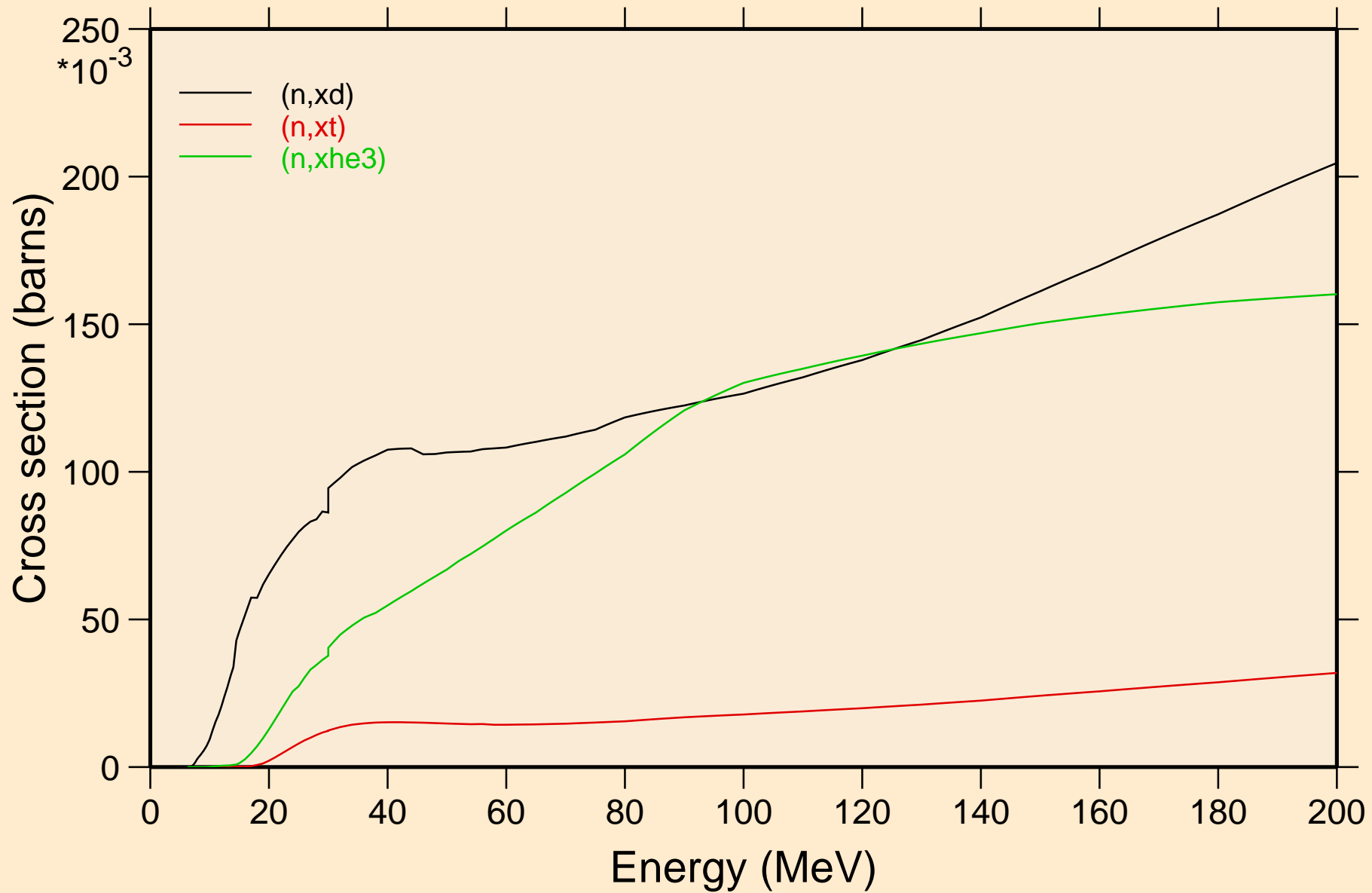


SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

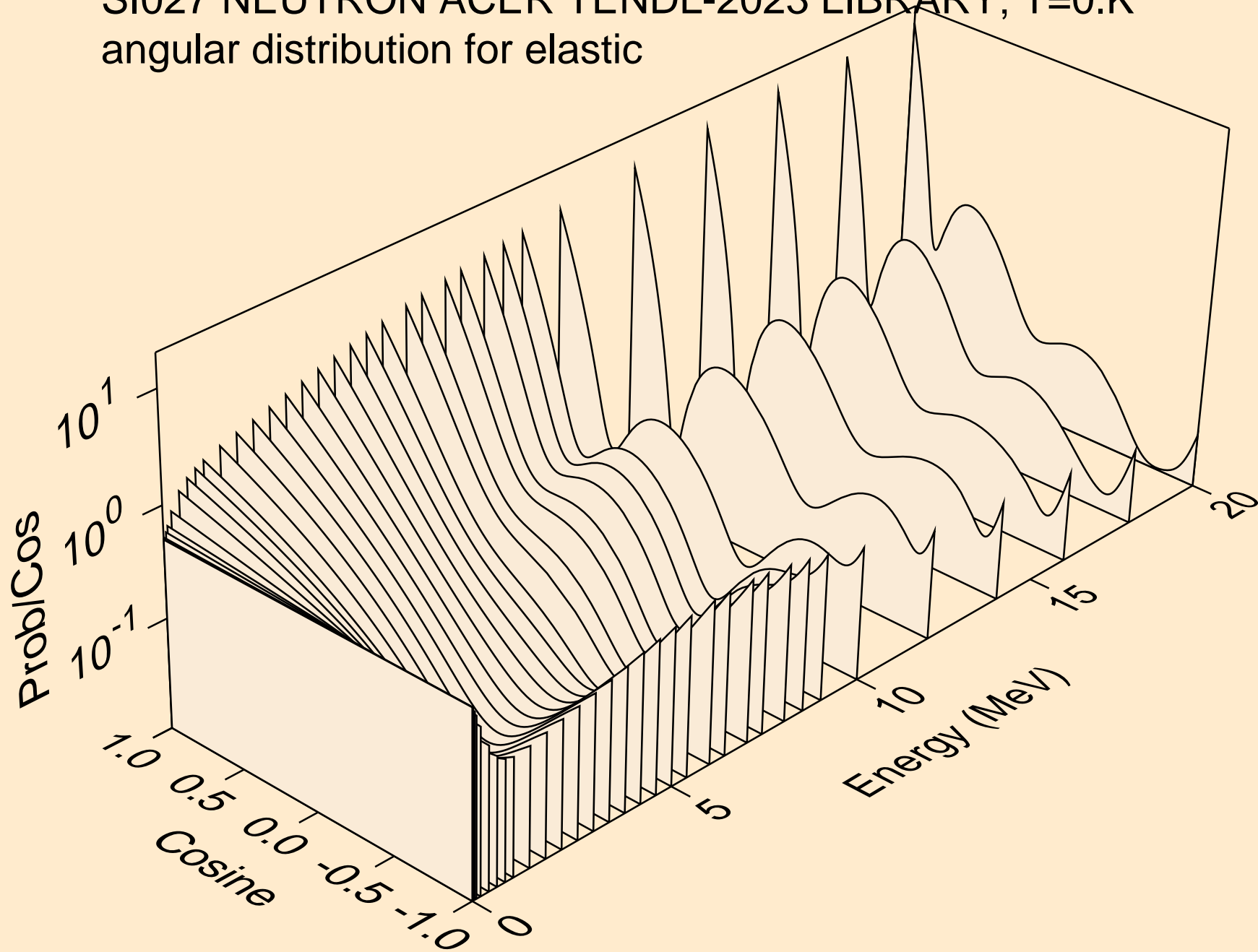


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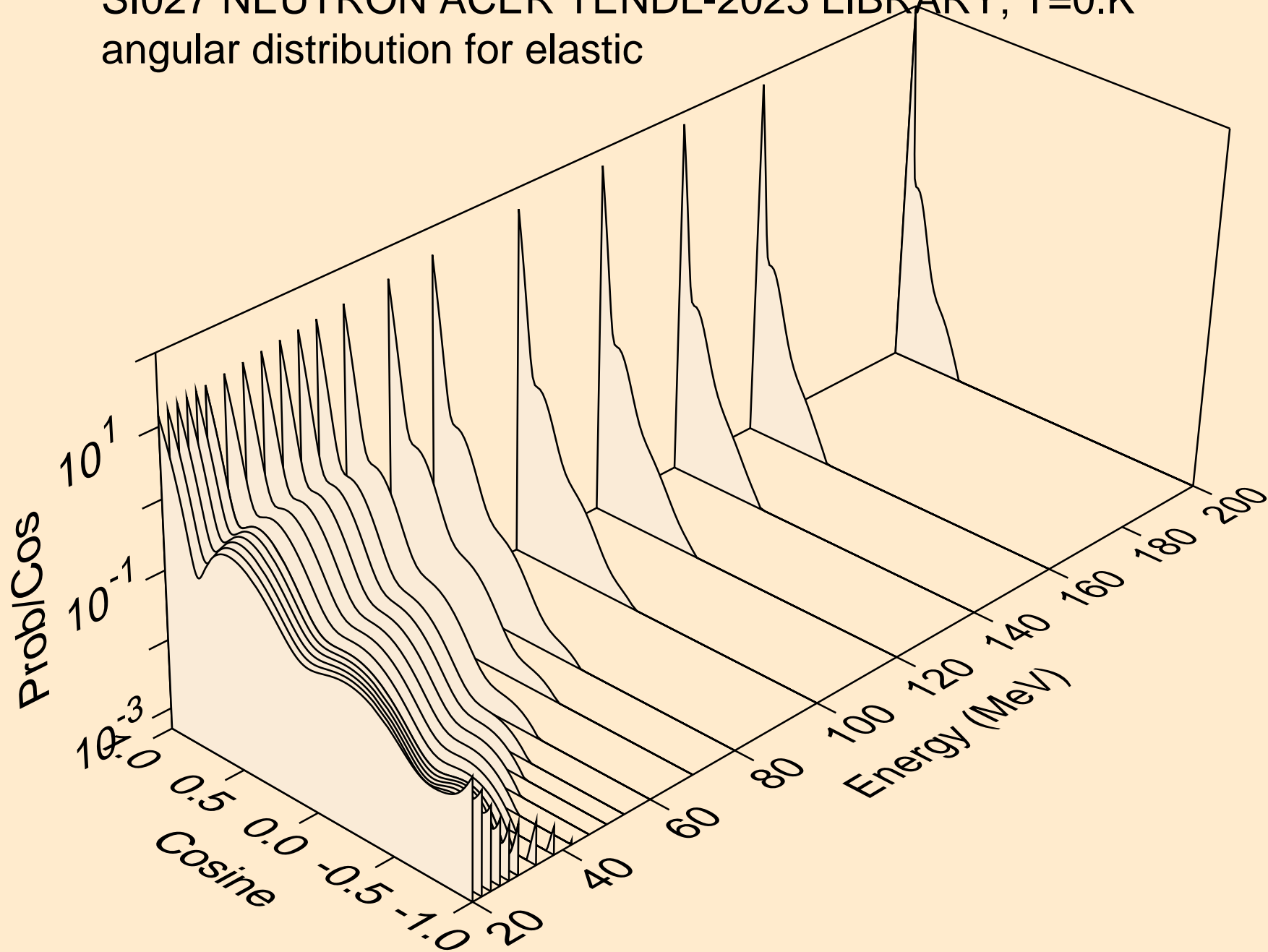
Threshold reactions



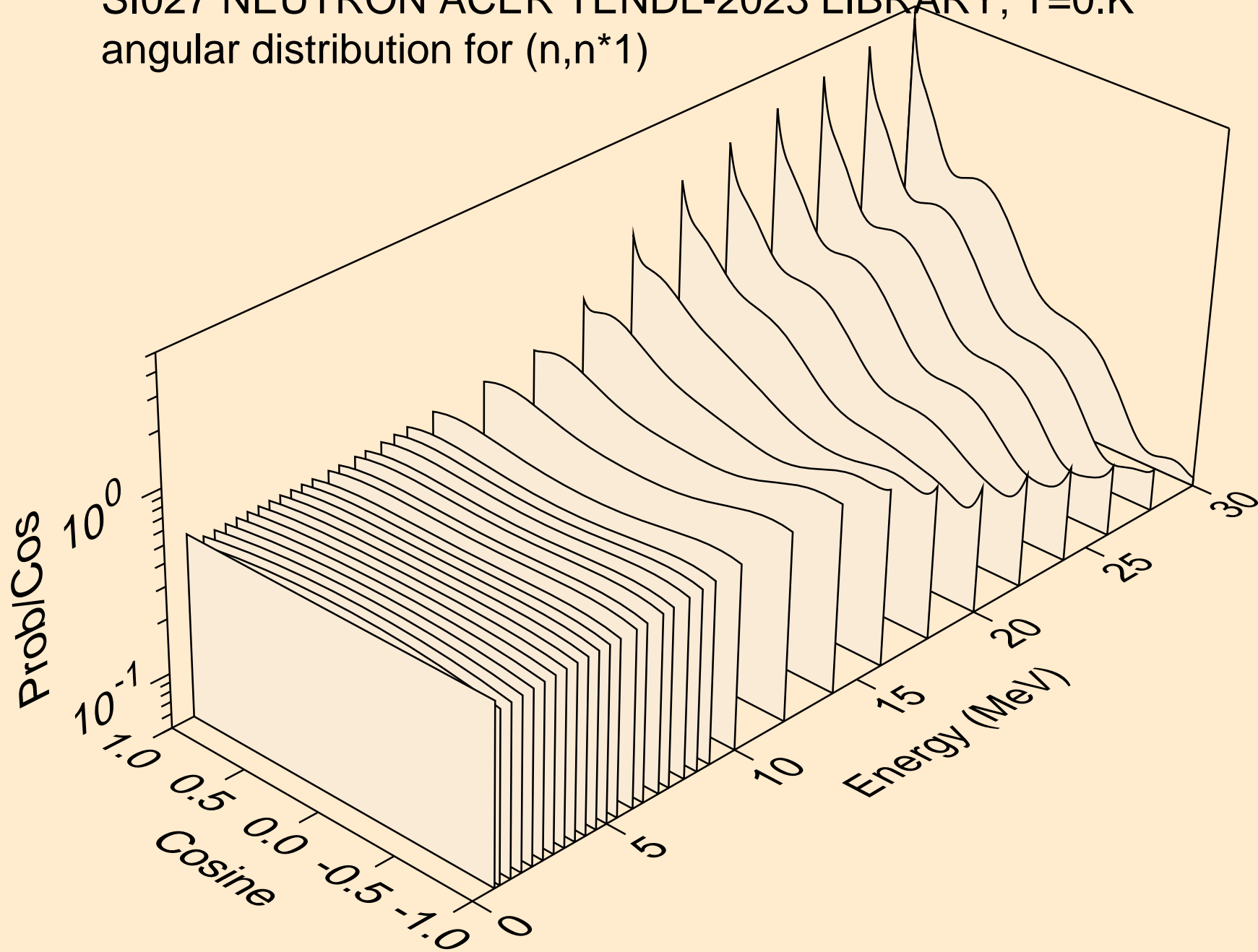
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



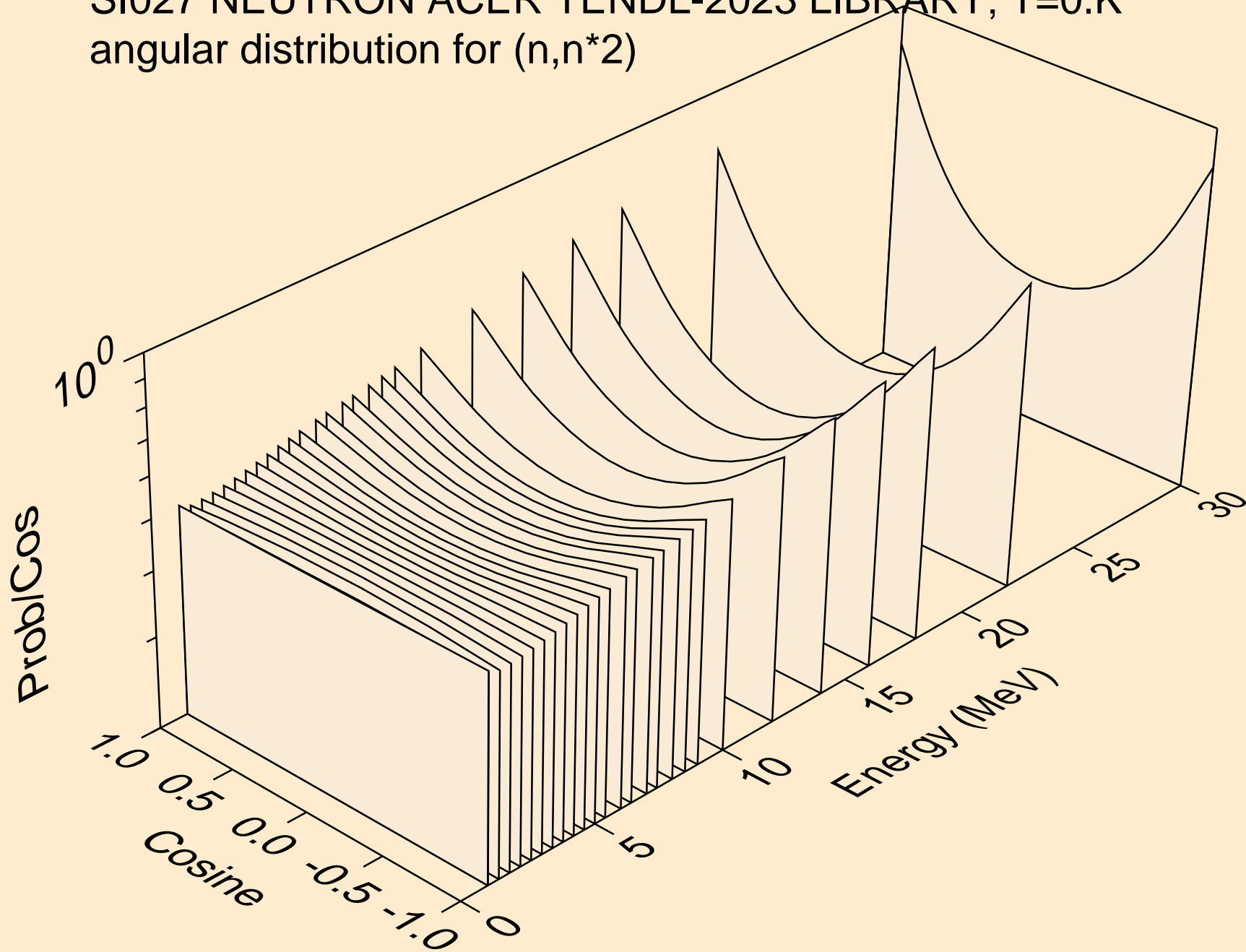
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angular distribution for elastic



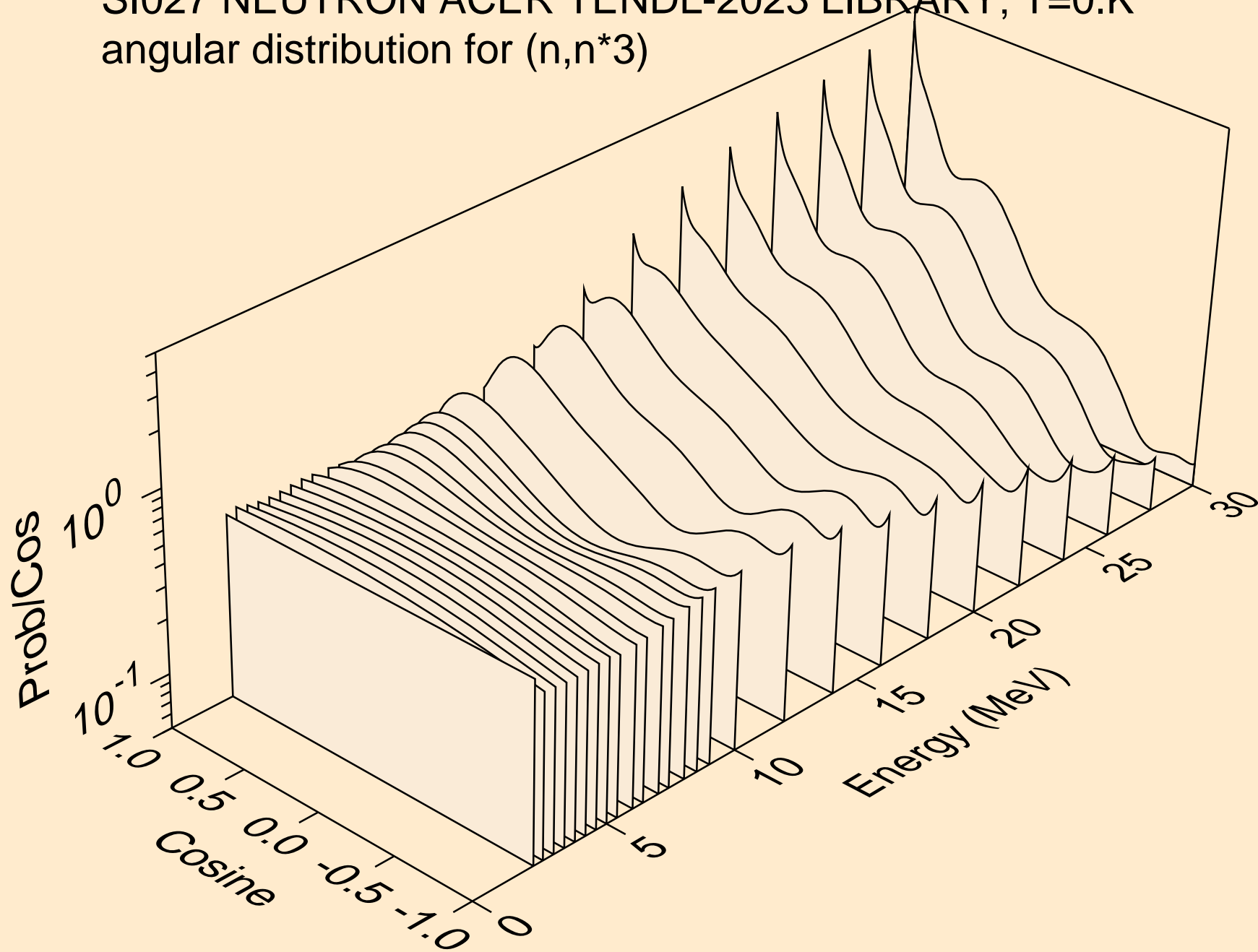
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angular distribution for (n,n*1)



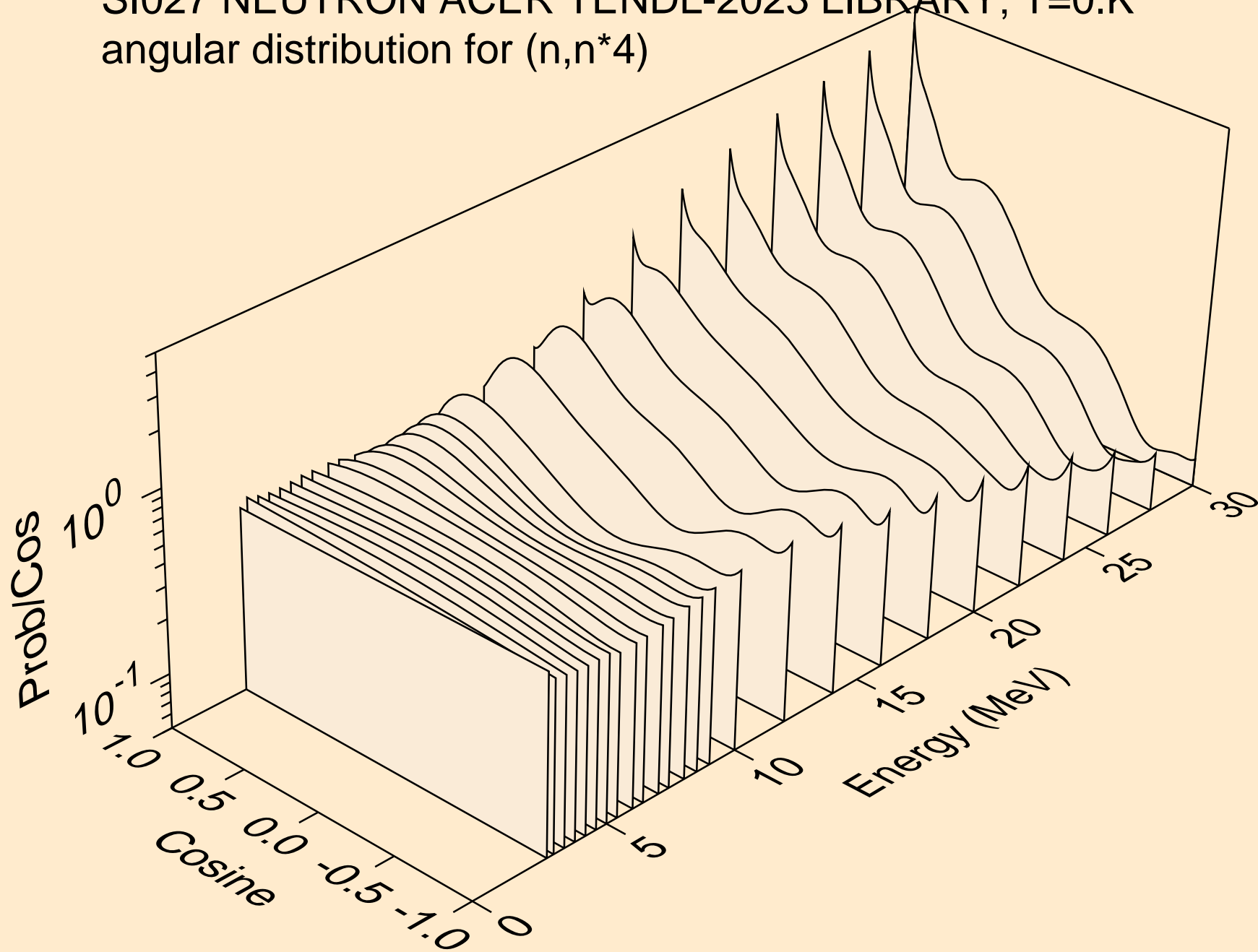
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angular distribution for (n,n*2)



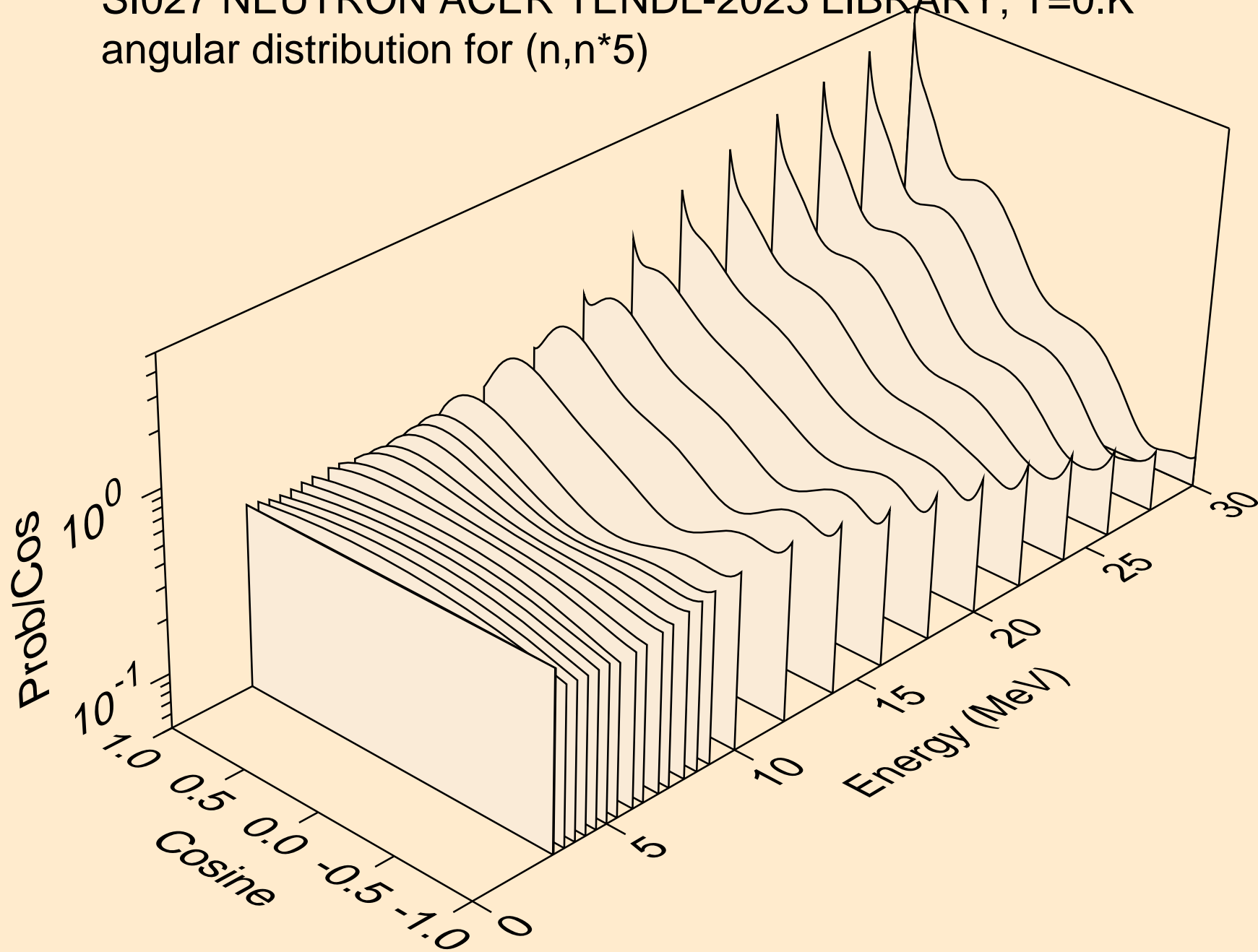
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angular distribution for (n,n*3)



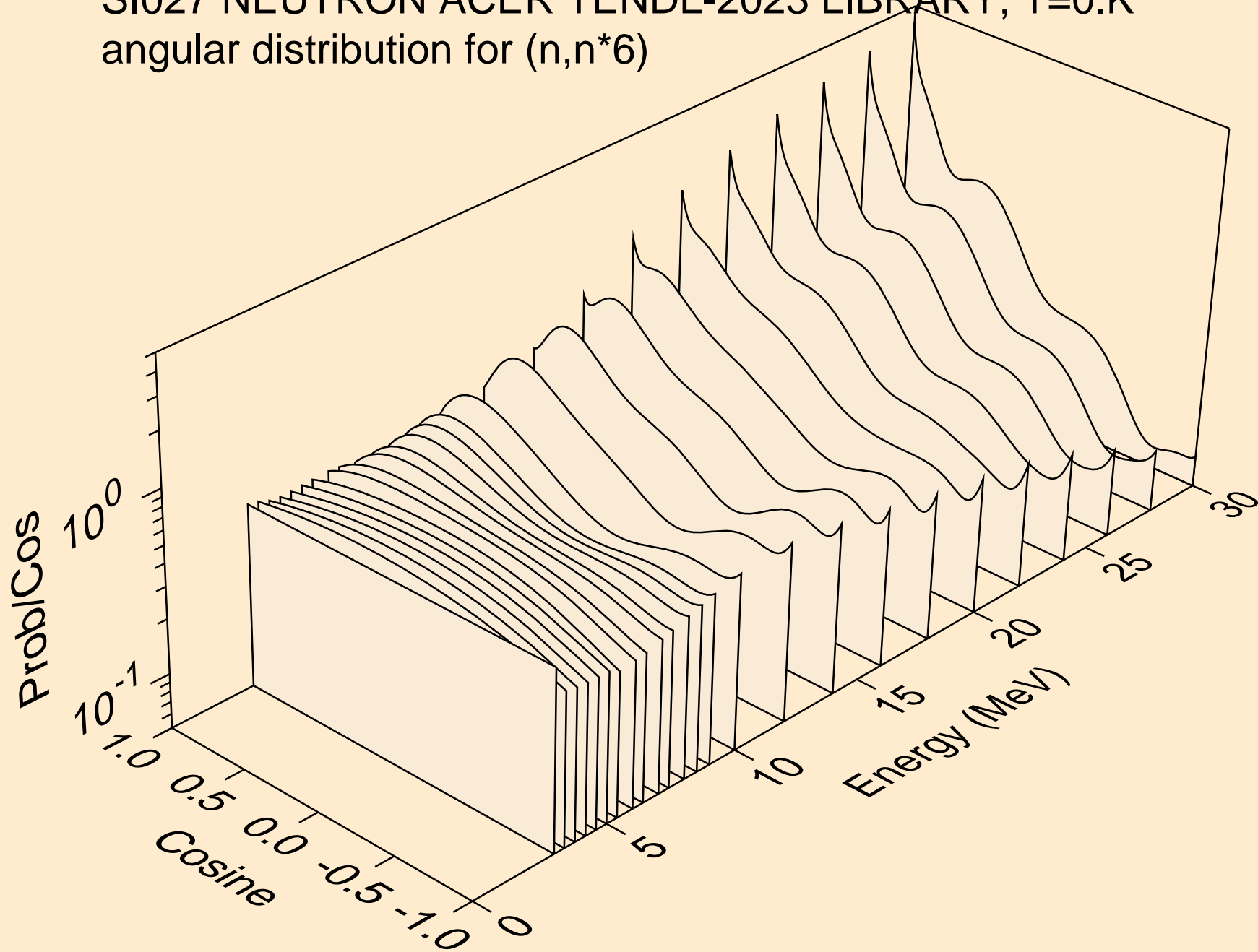
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angular distribution for (n,n*4)



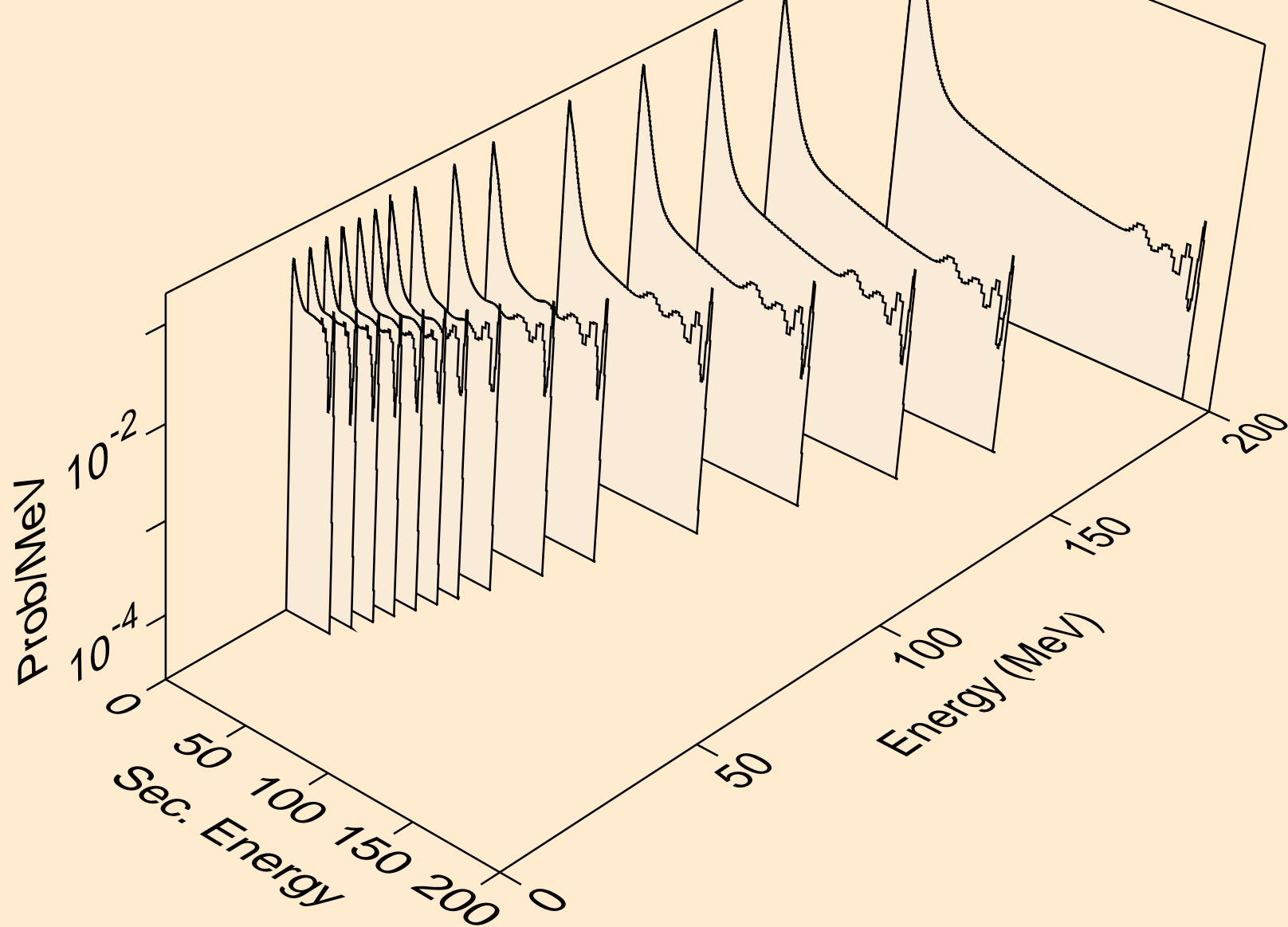
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angular distribution for (n,n*5)



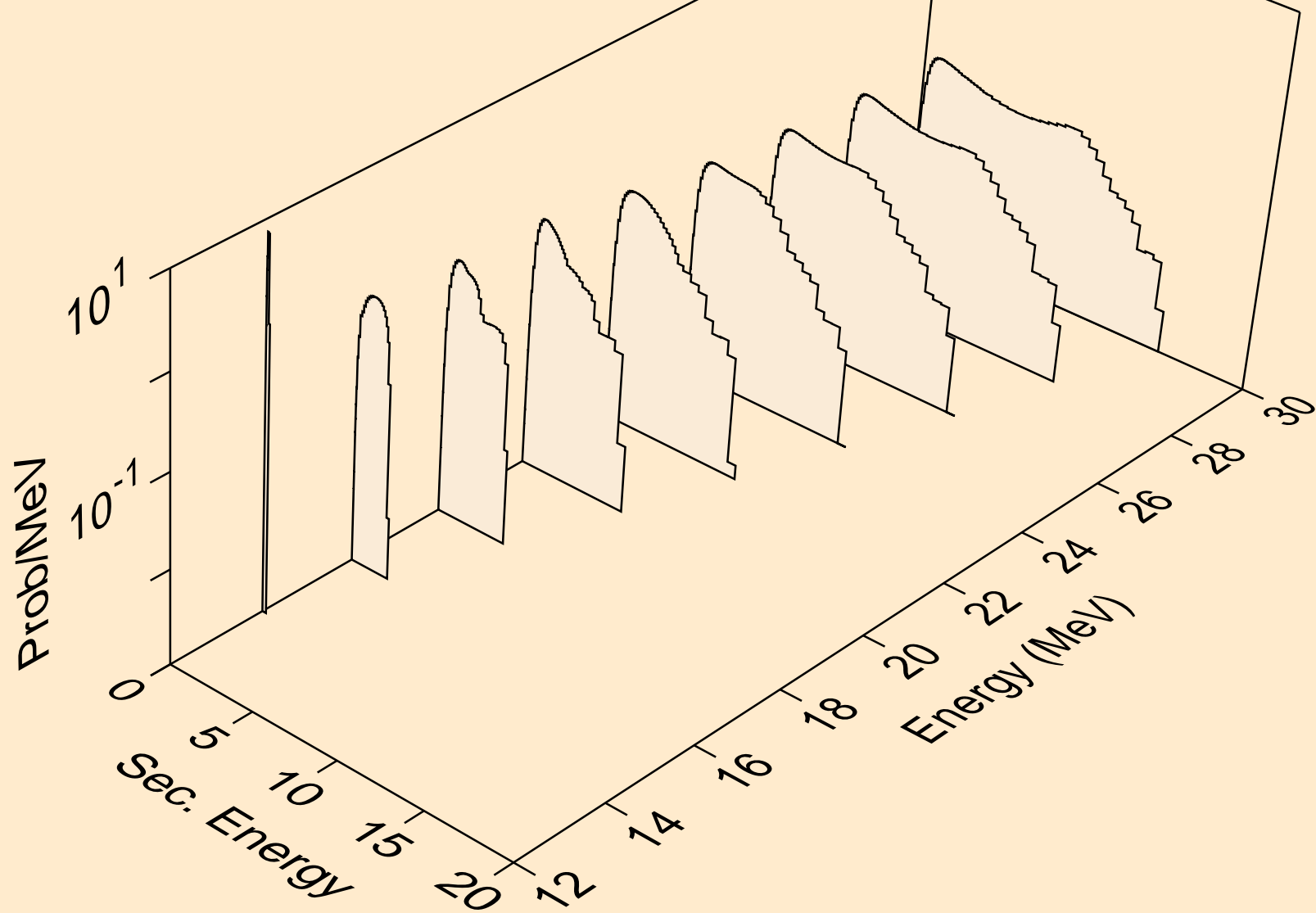
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angular distribution for (n,n*6)



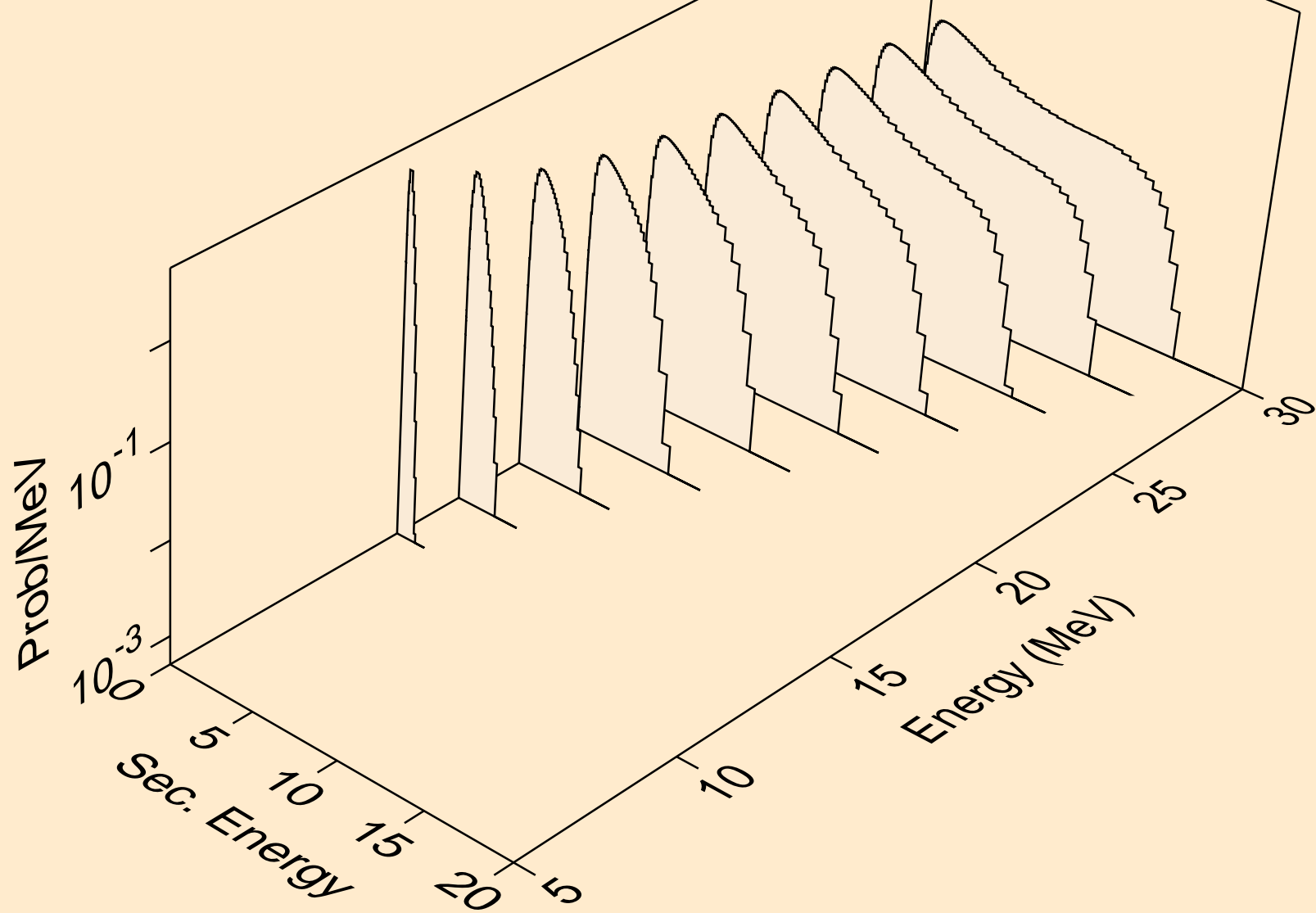
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



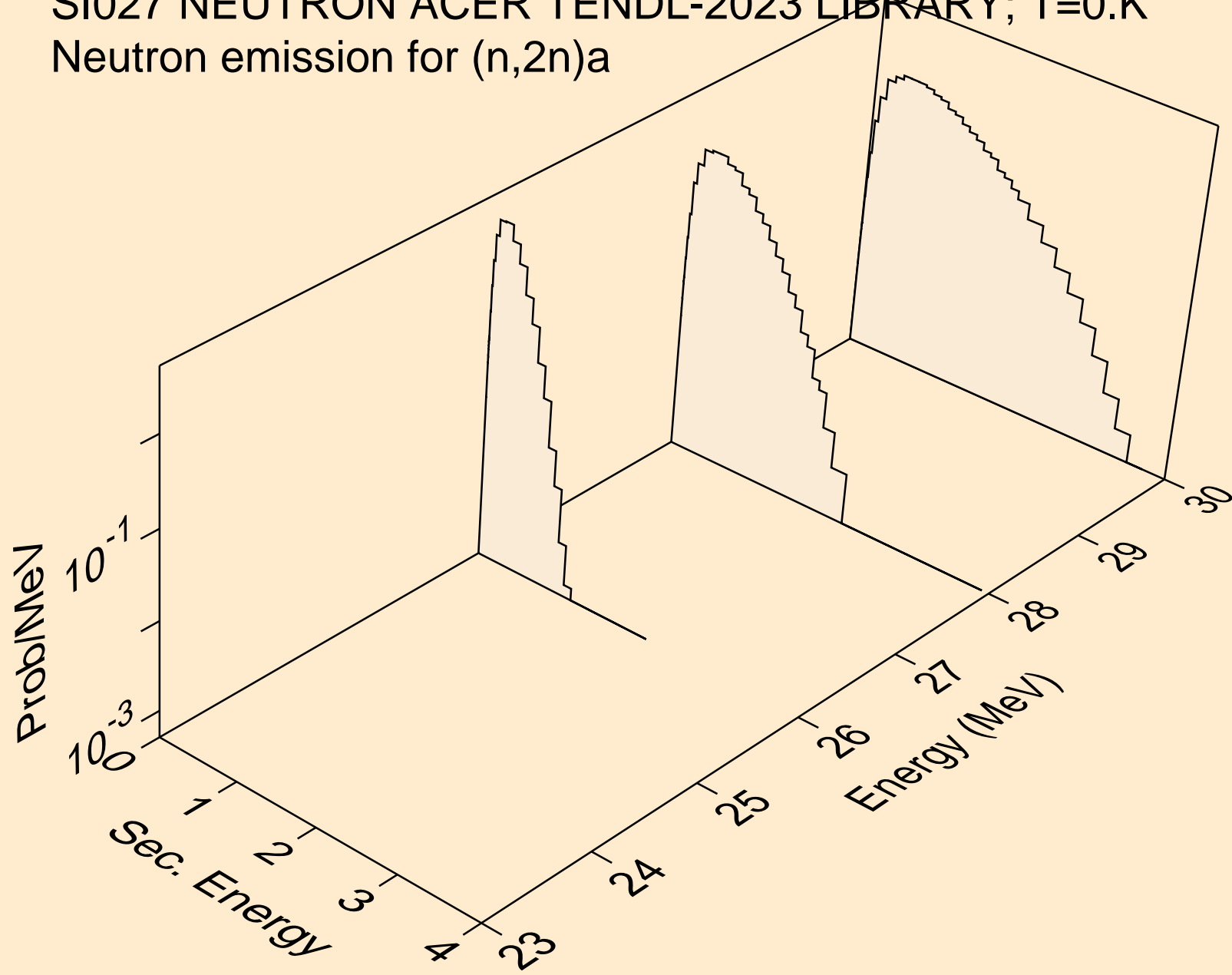
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



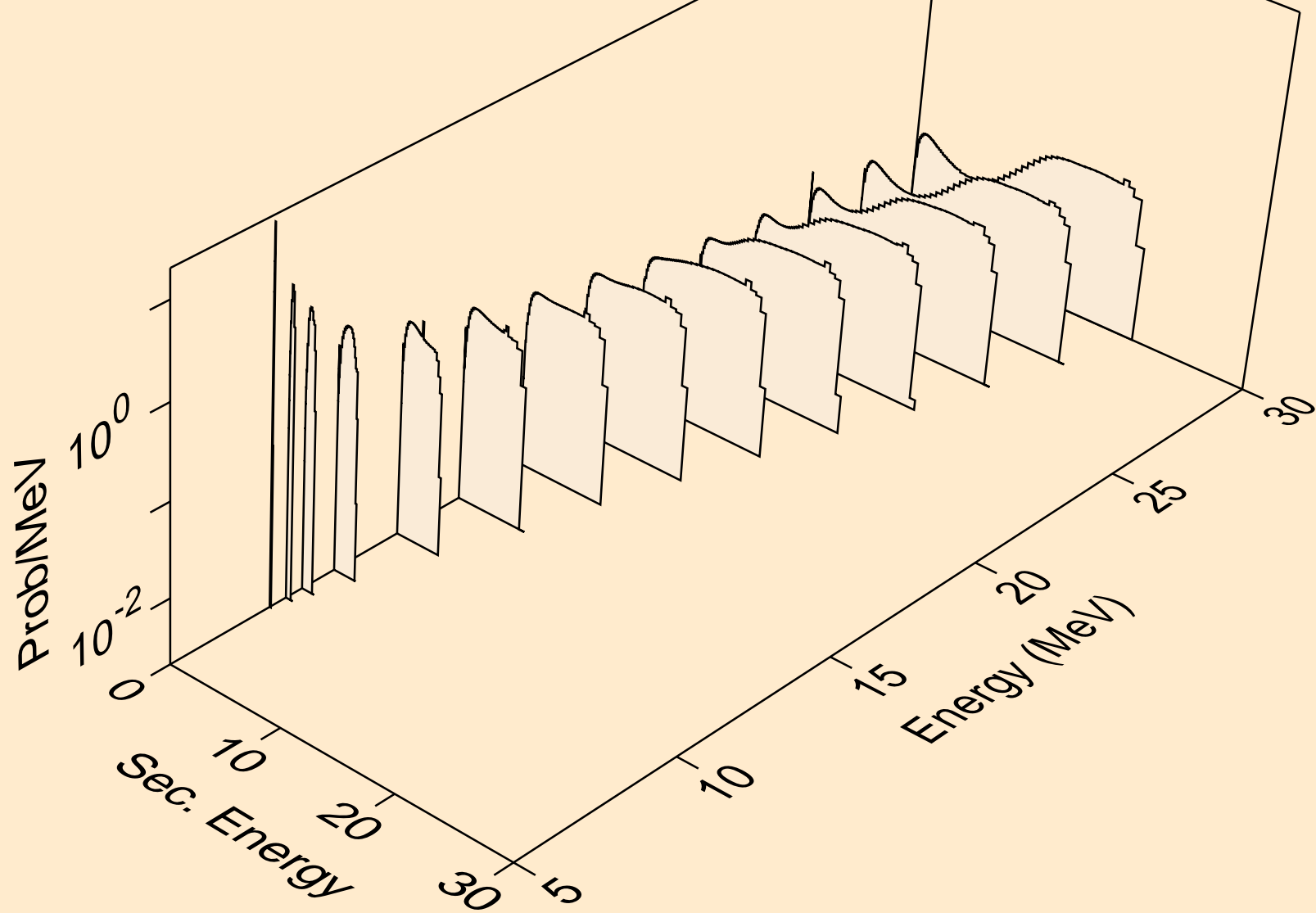
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



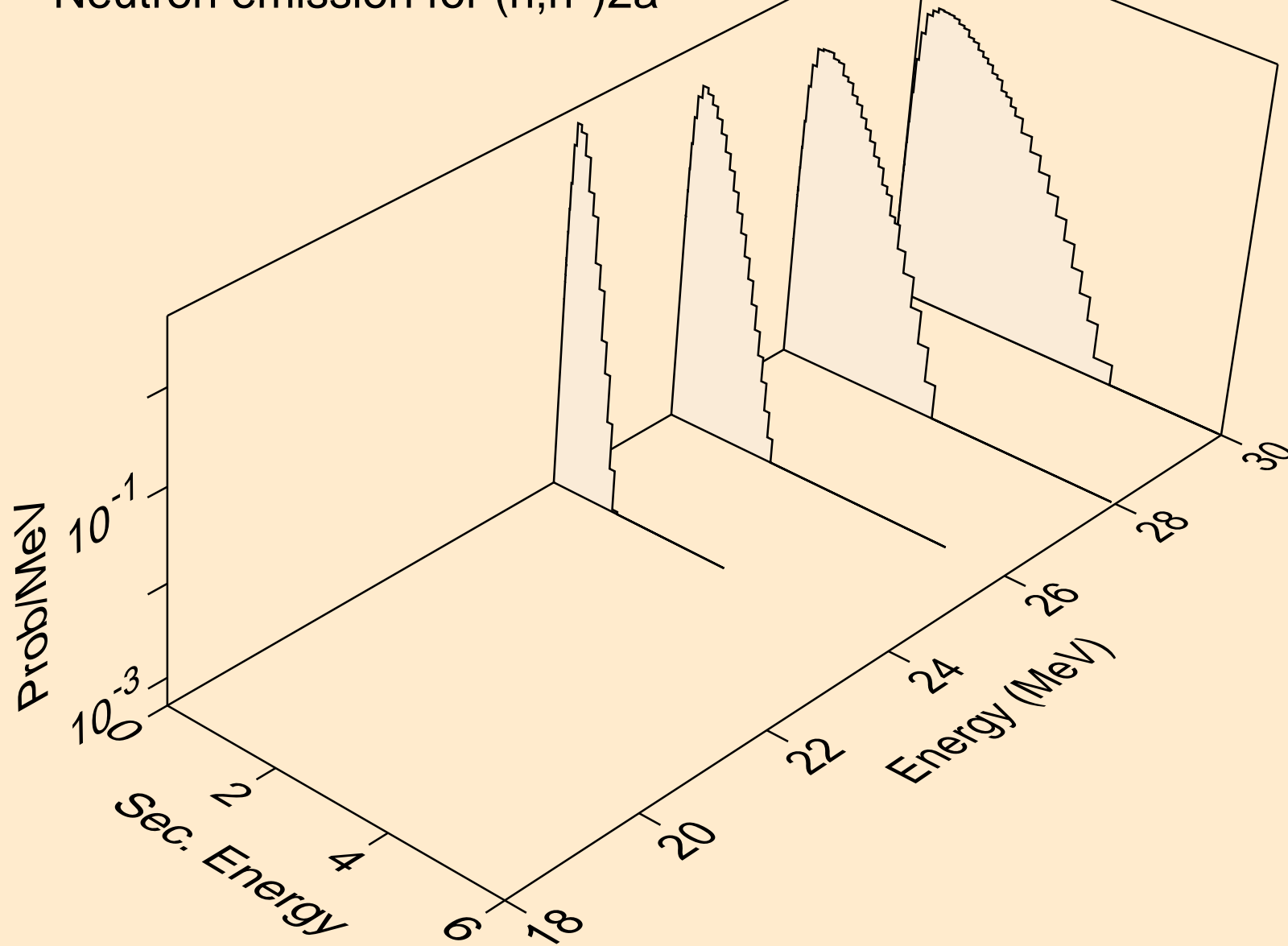
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Neutron emission for (n,2n)a



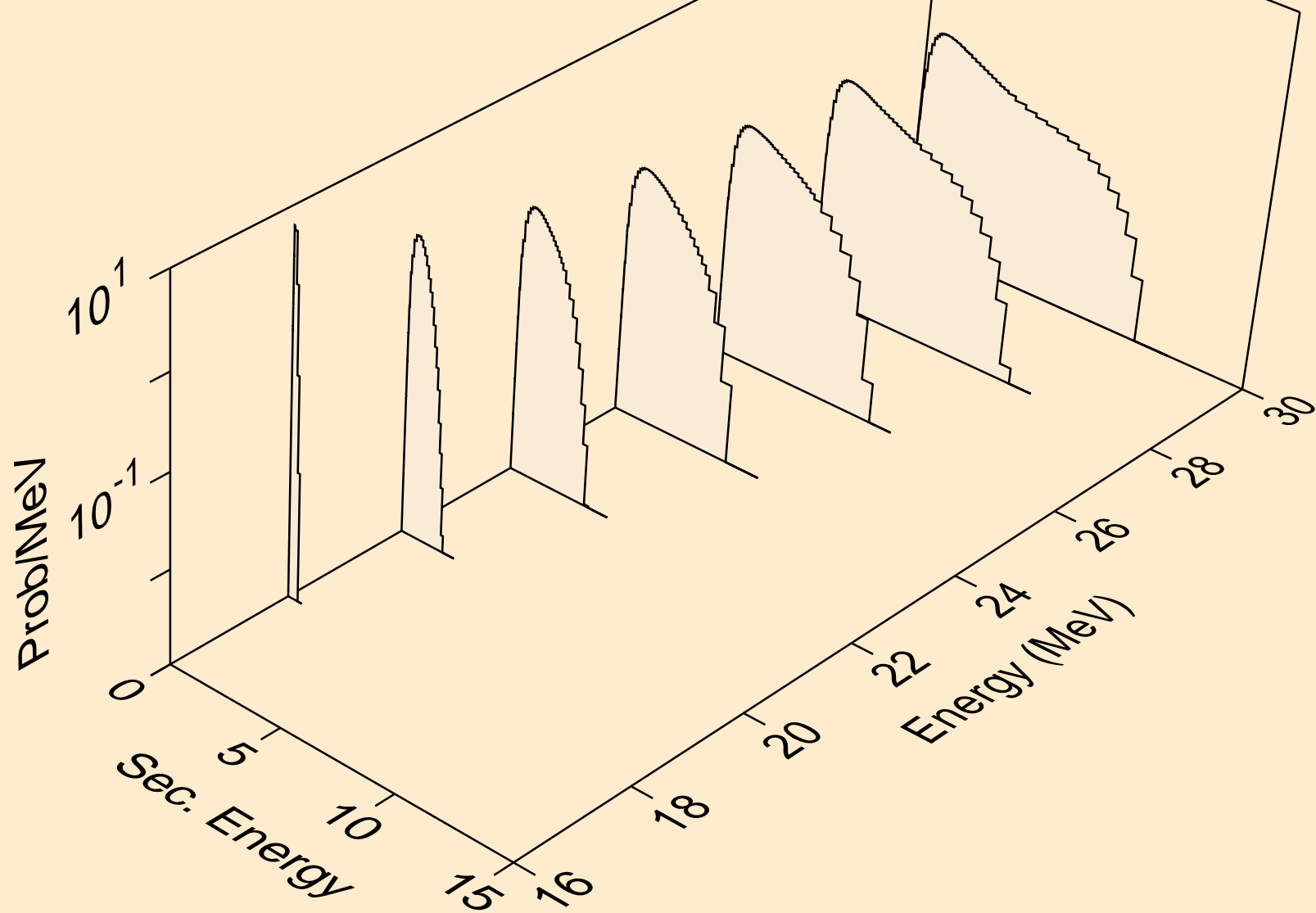
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



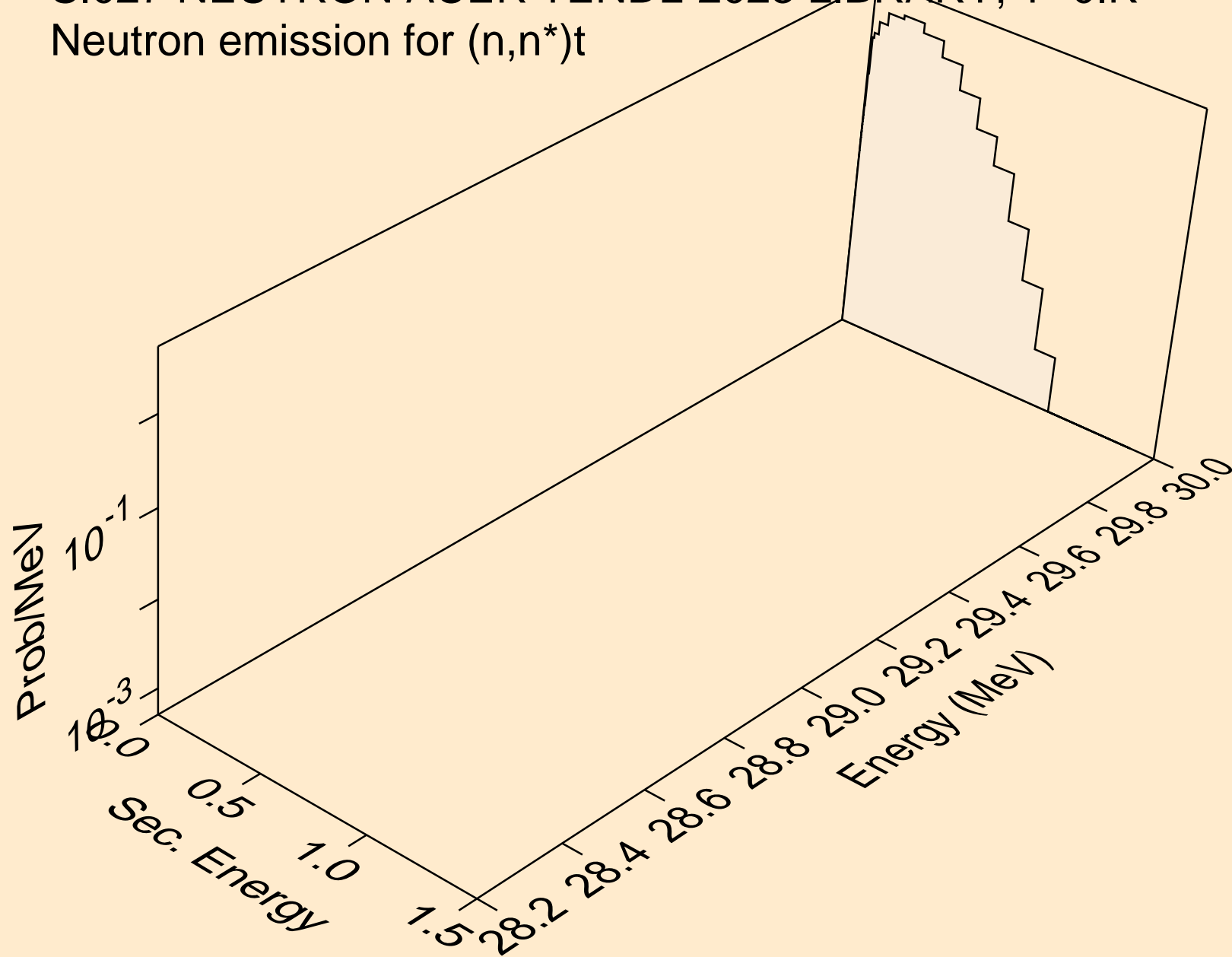
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



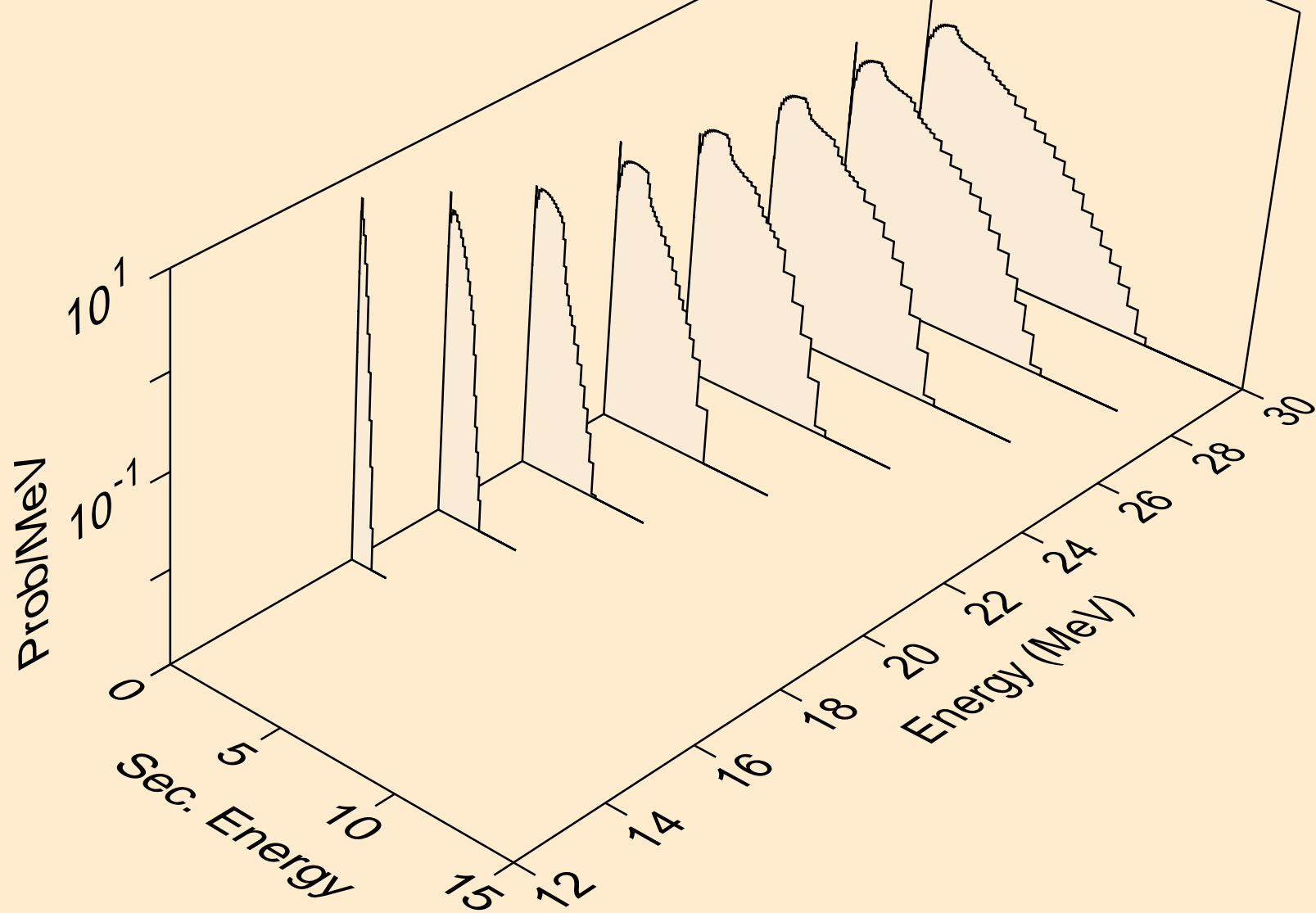
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



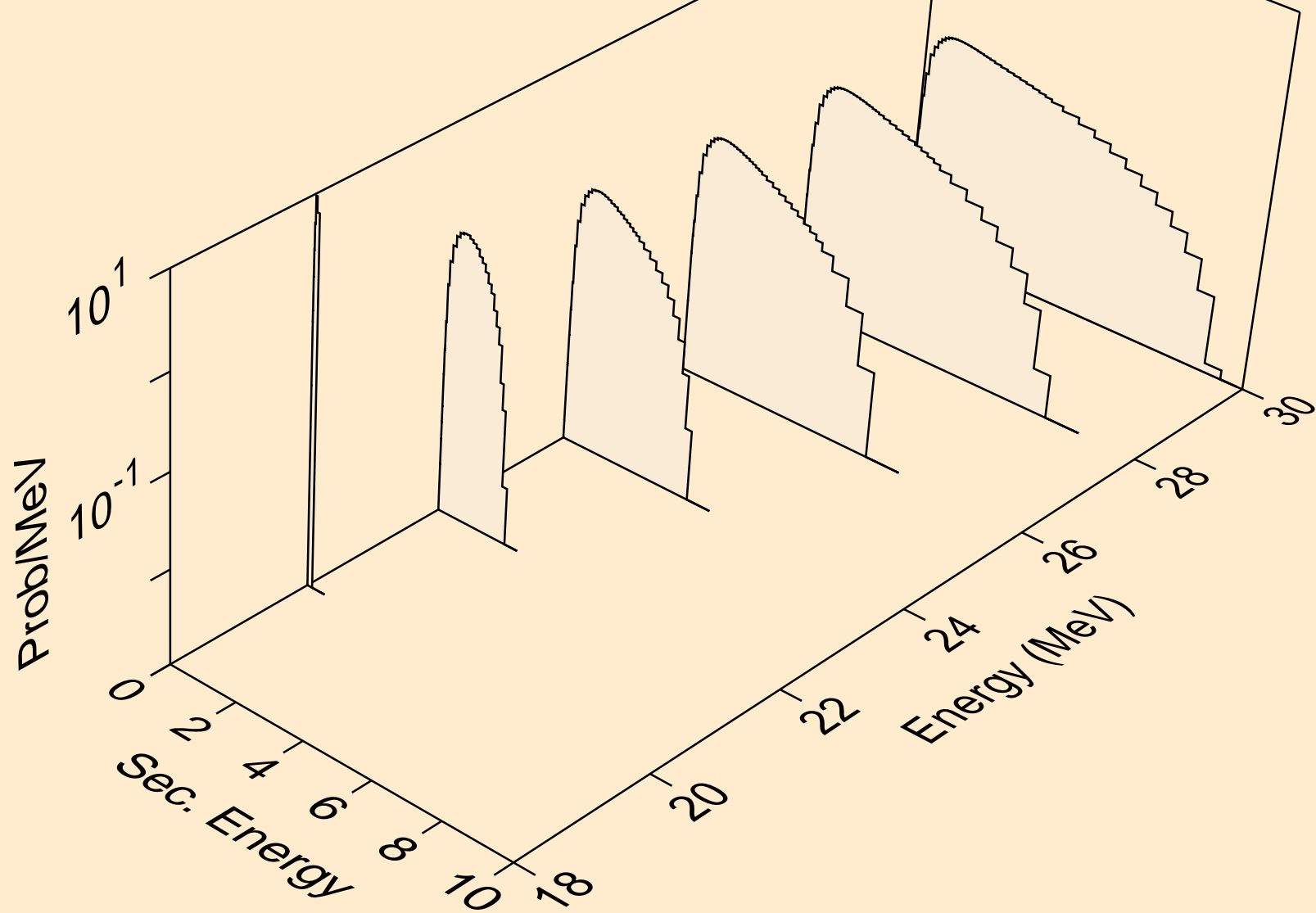
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



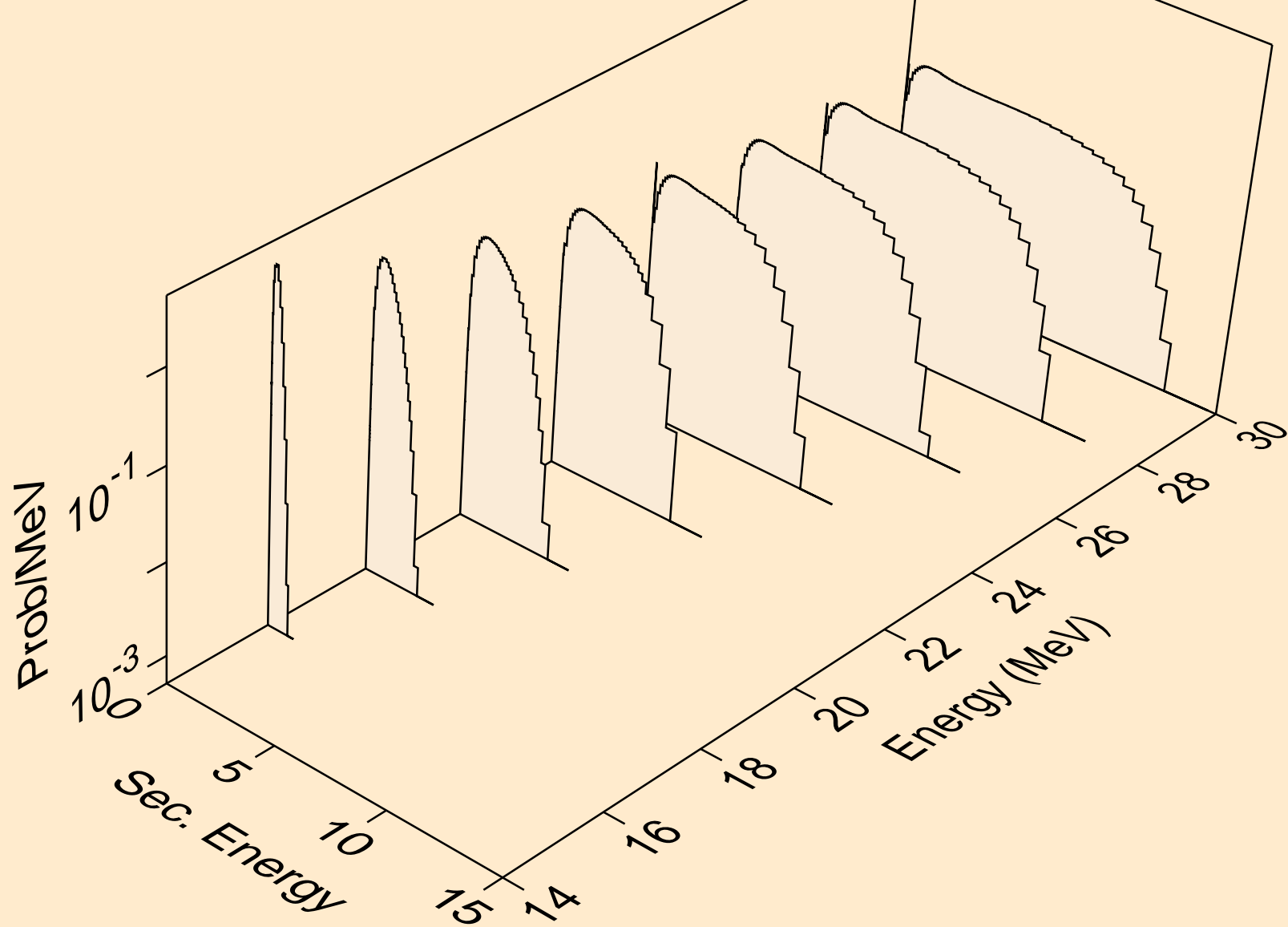
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



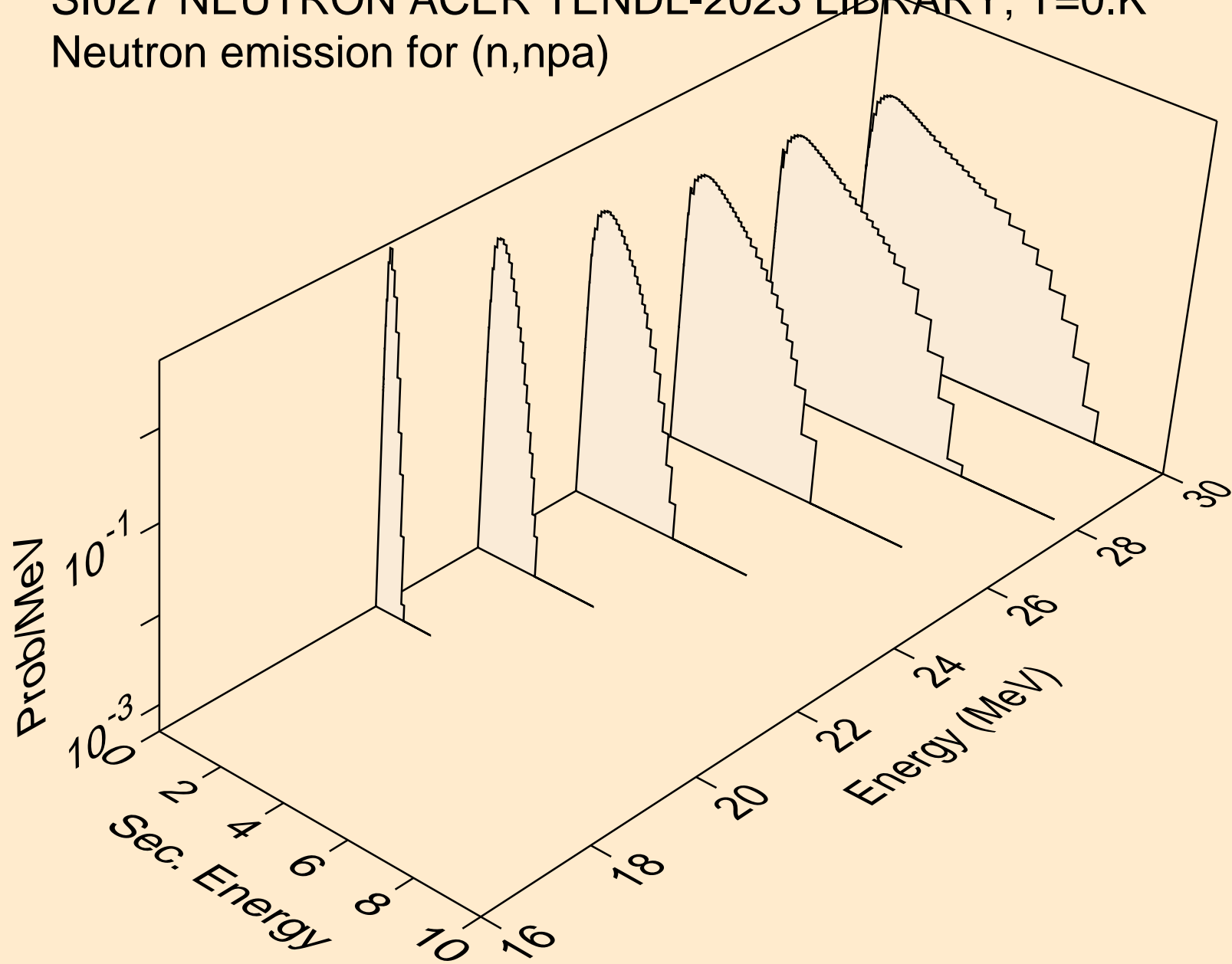
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



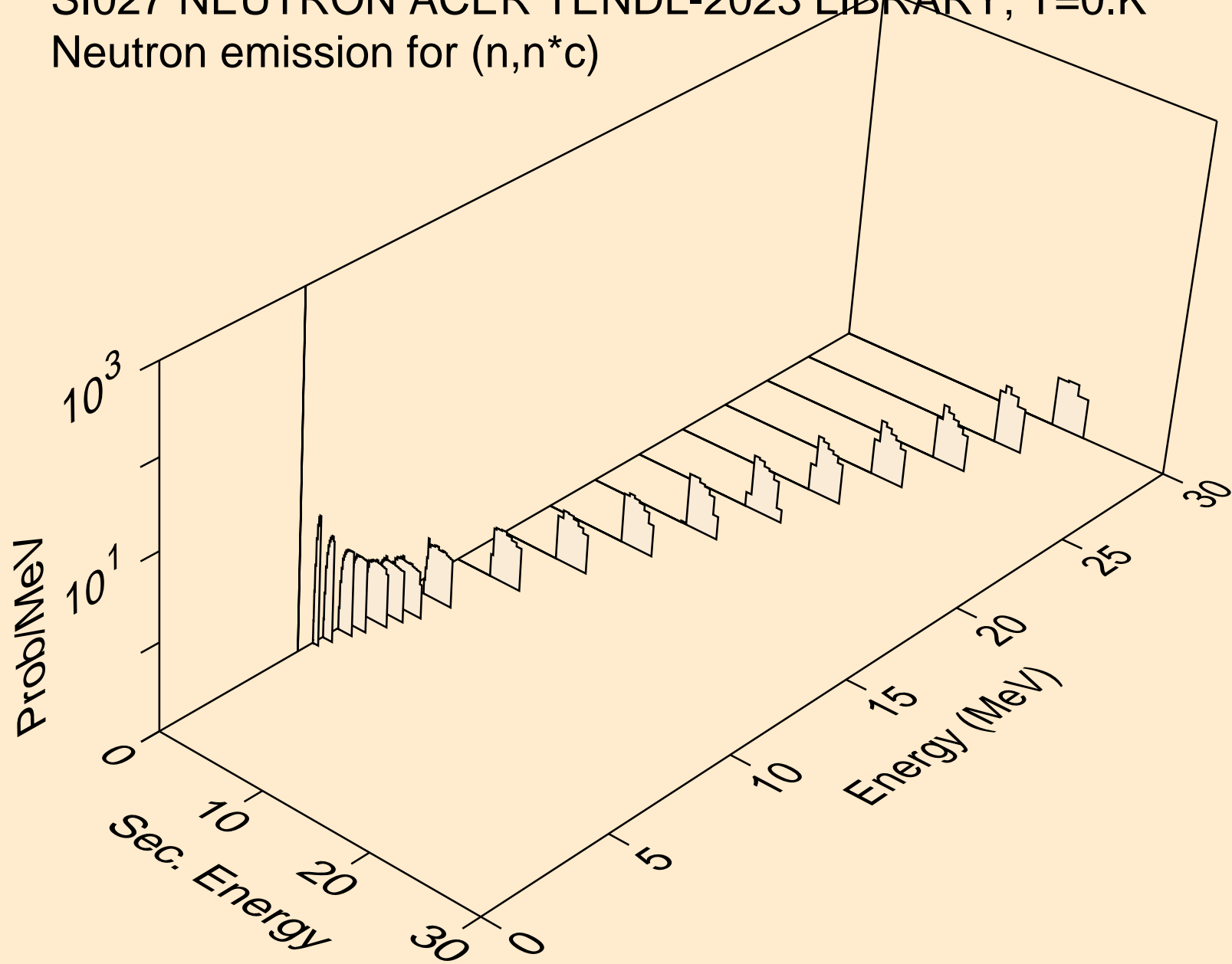
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Neutron emission for (n,n2p)



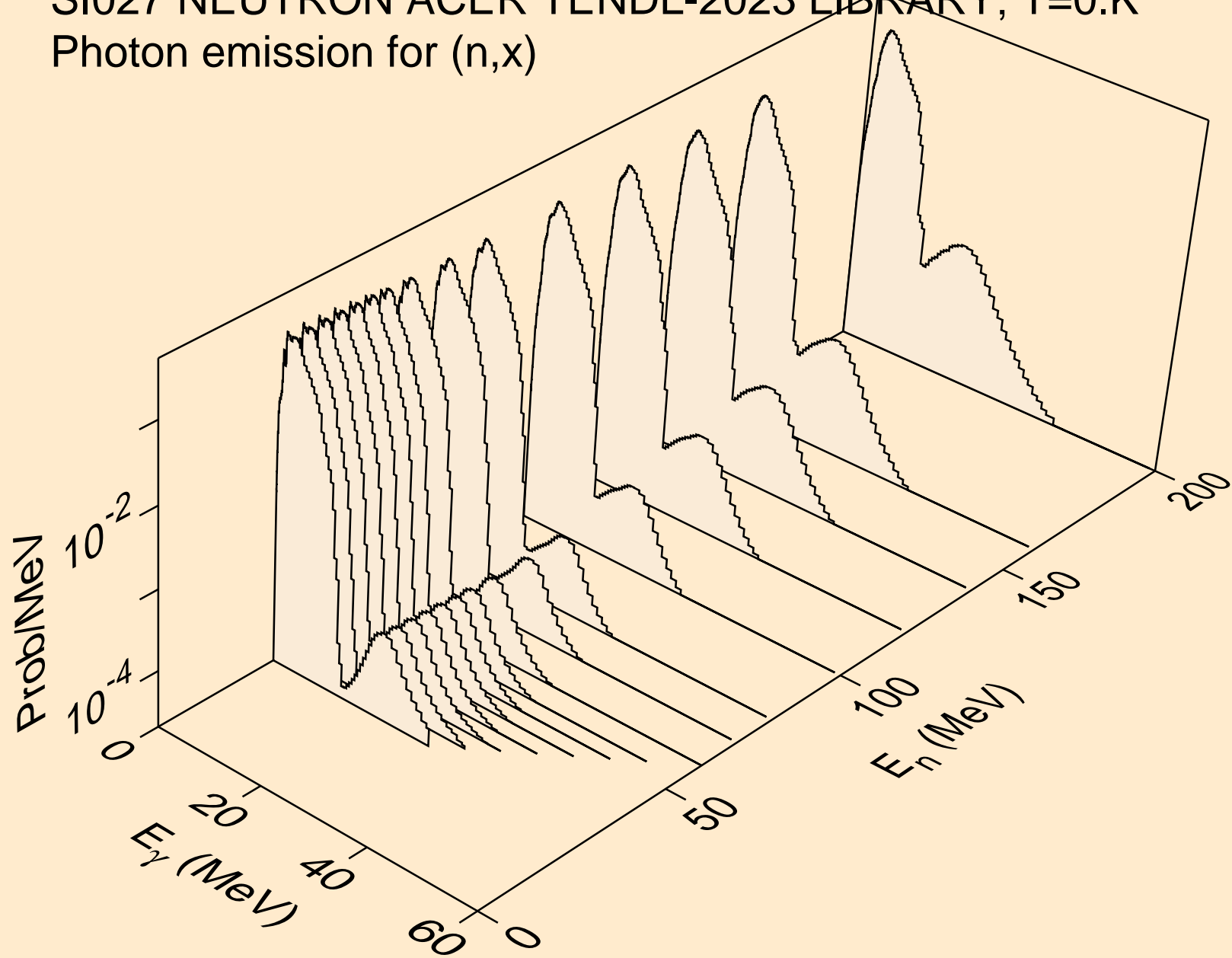
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



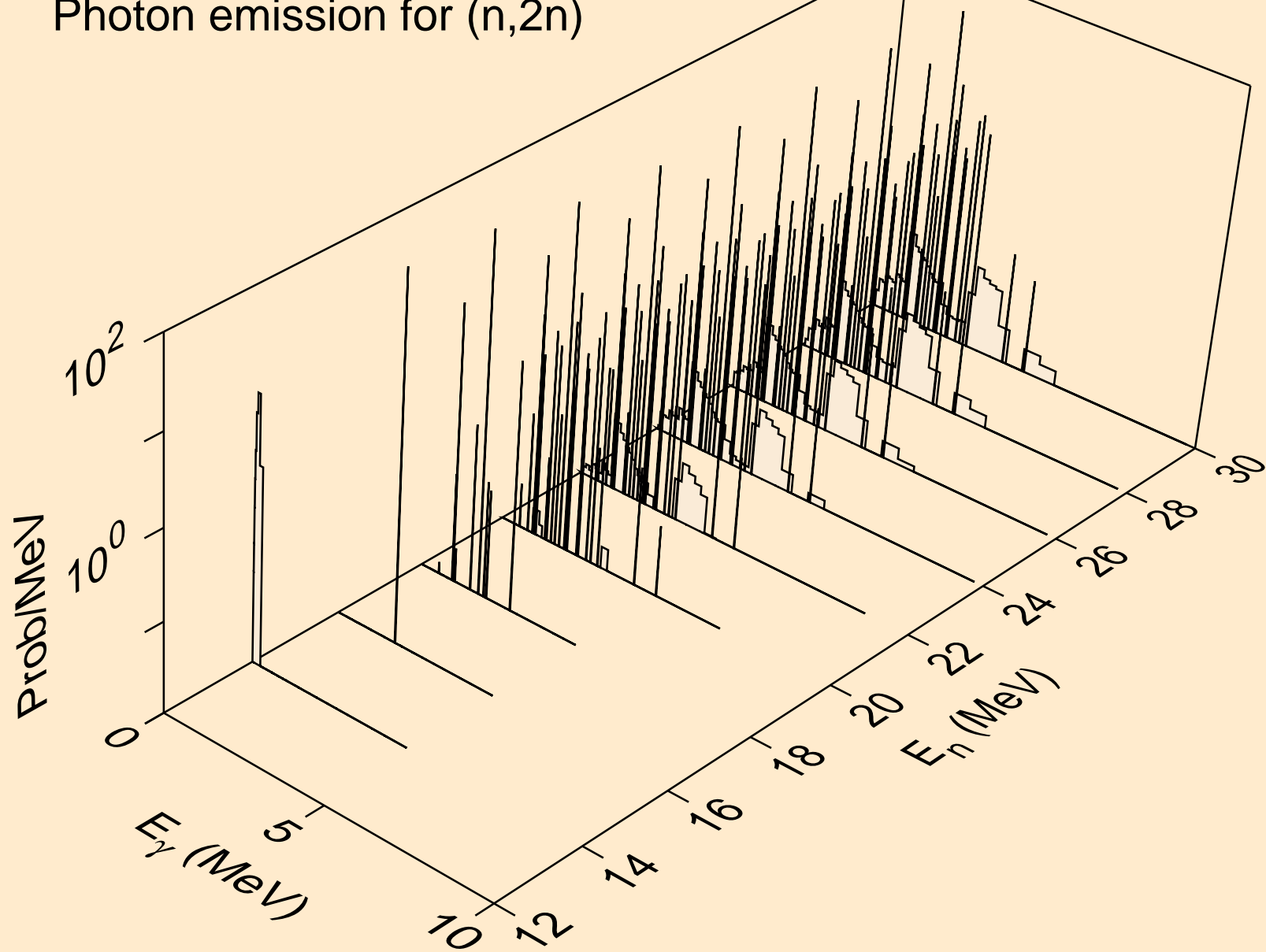
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



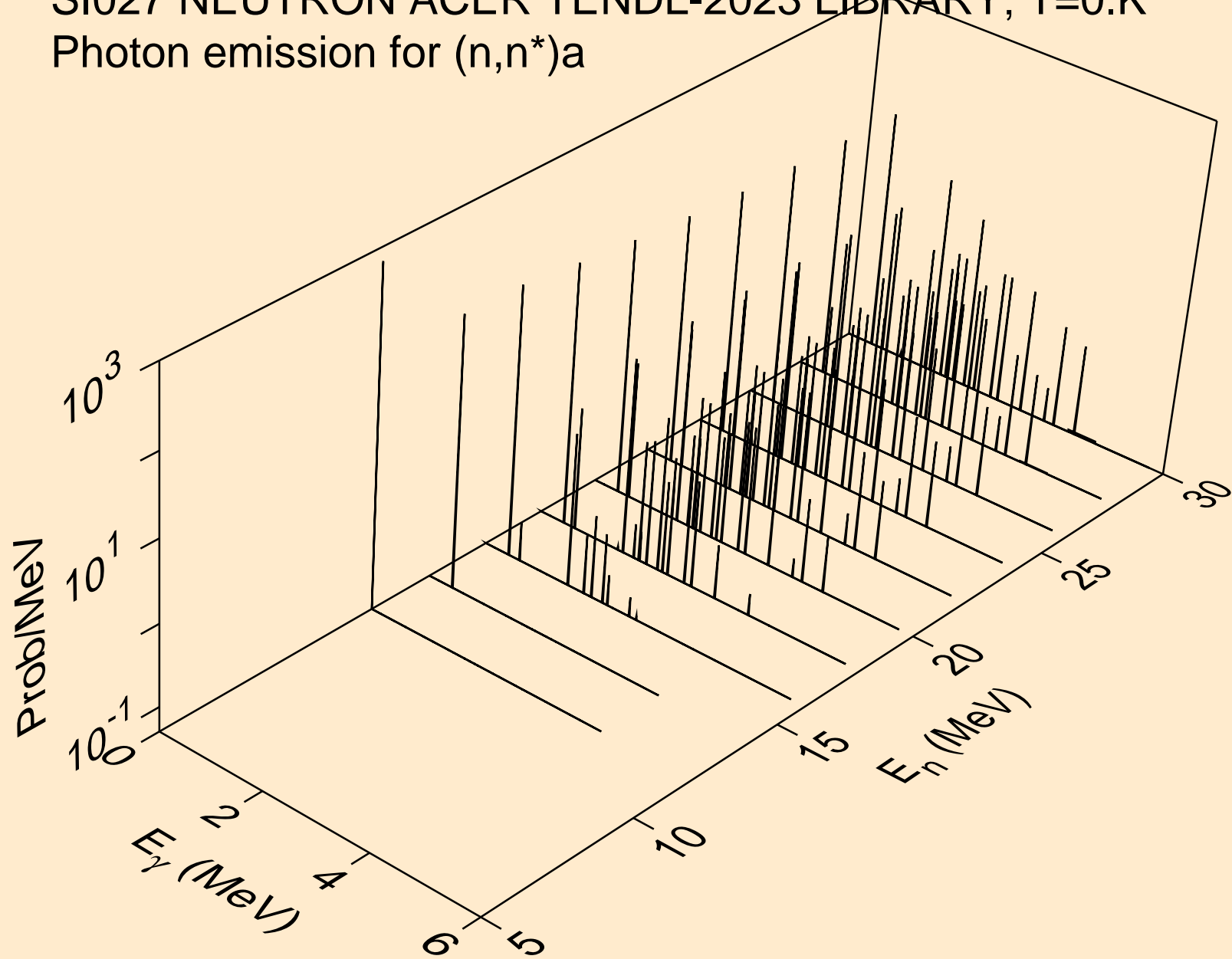
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Photon emission for (n,x)



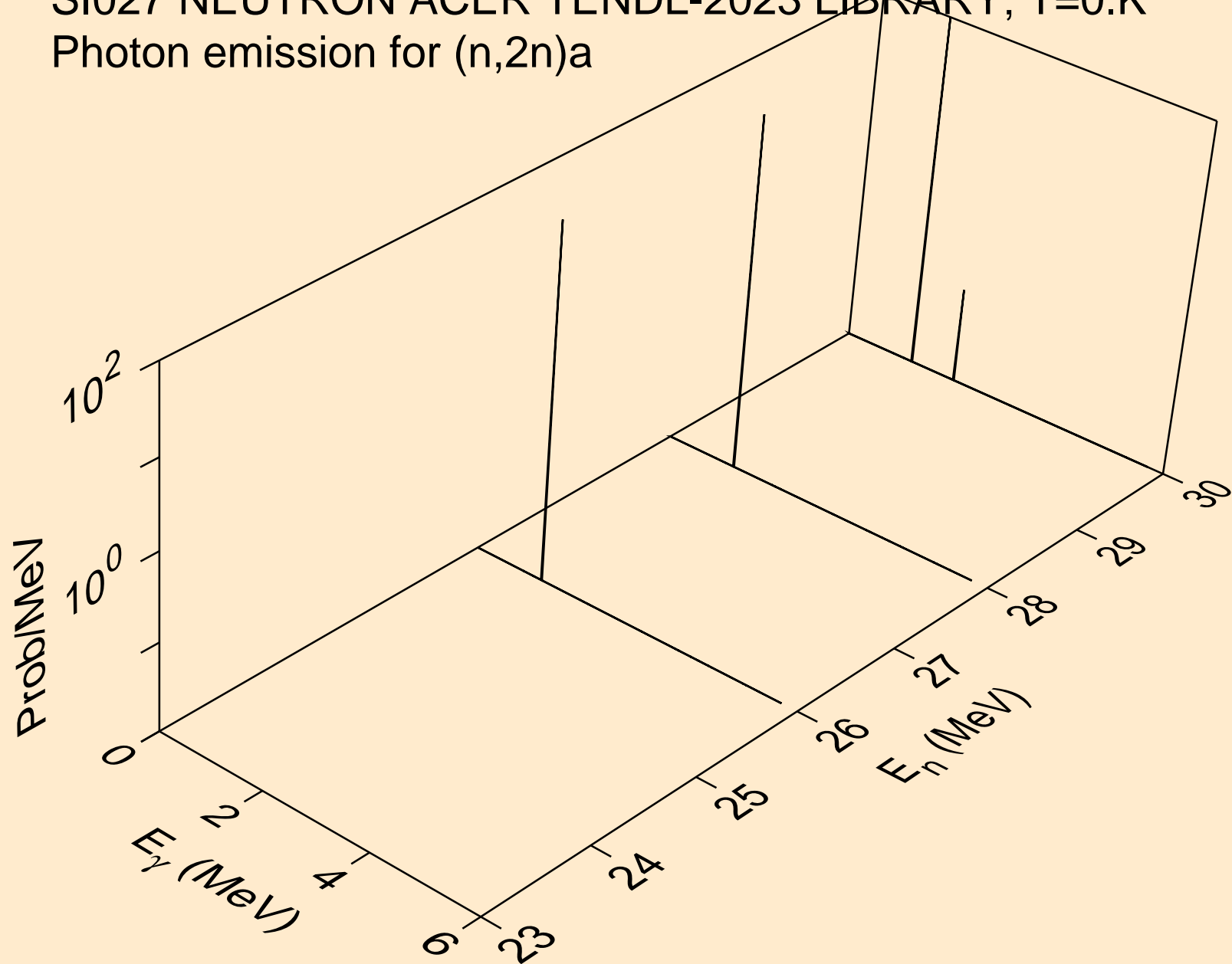
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Photon emission for (n,2n)



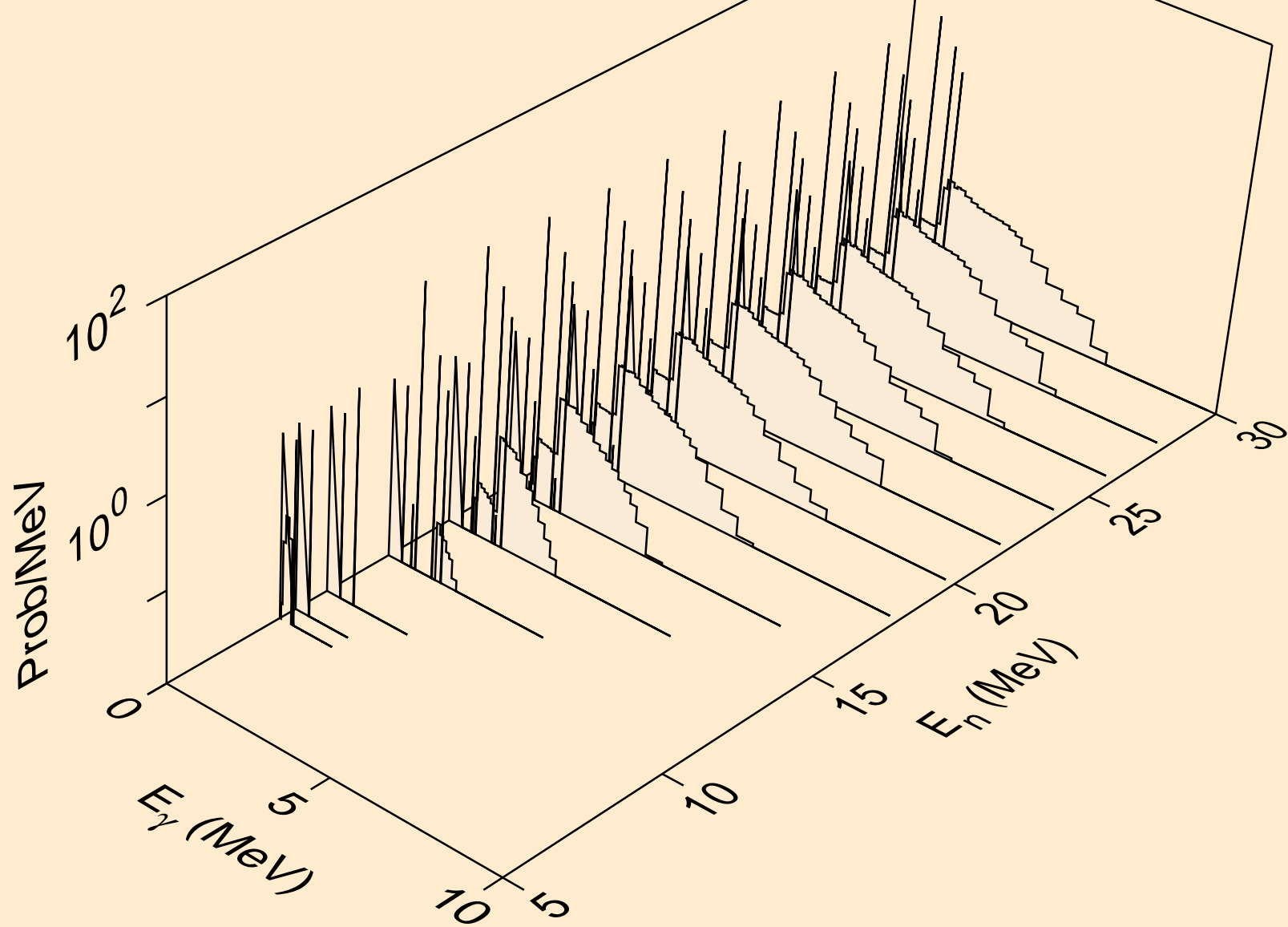
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Photon emission for (n,n*)a



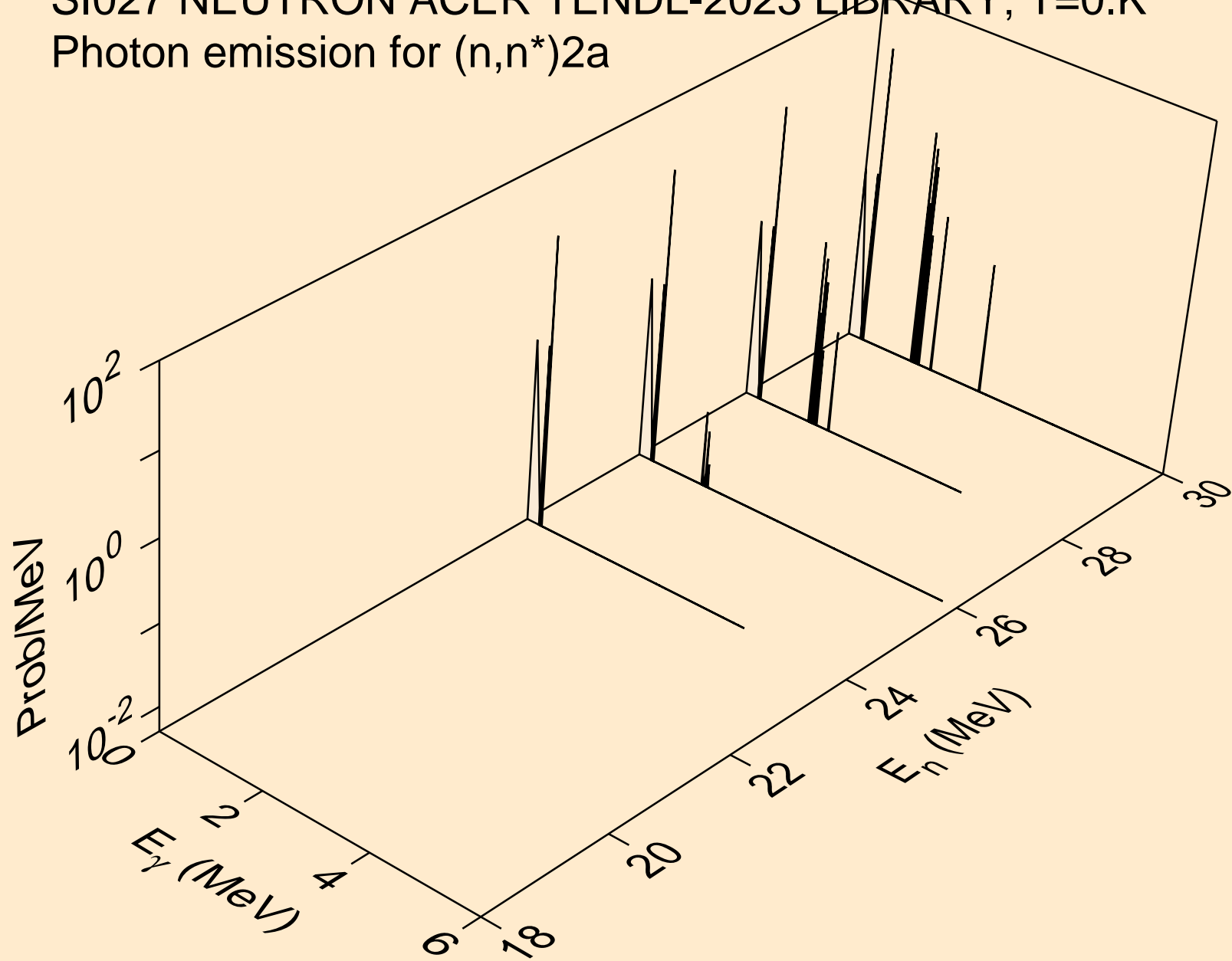
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Photon emission for (n,2n)a



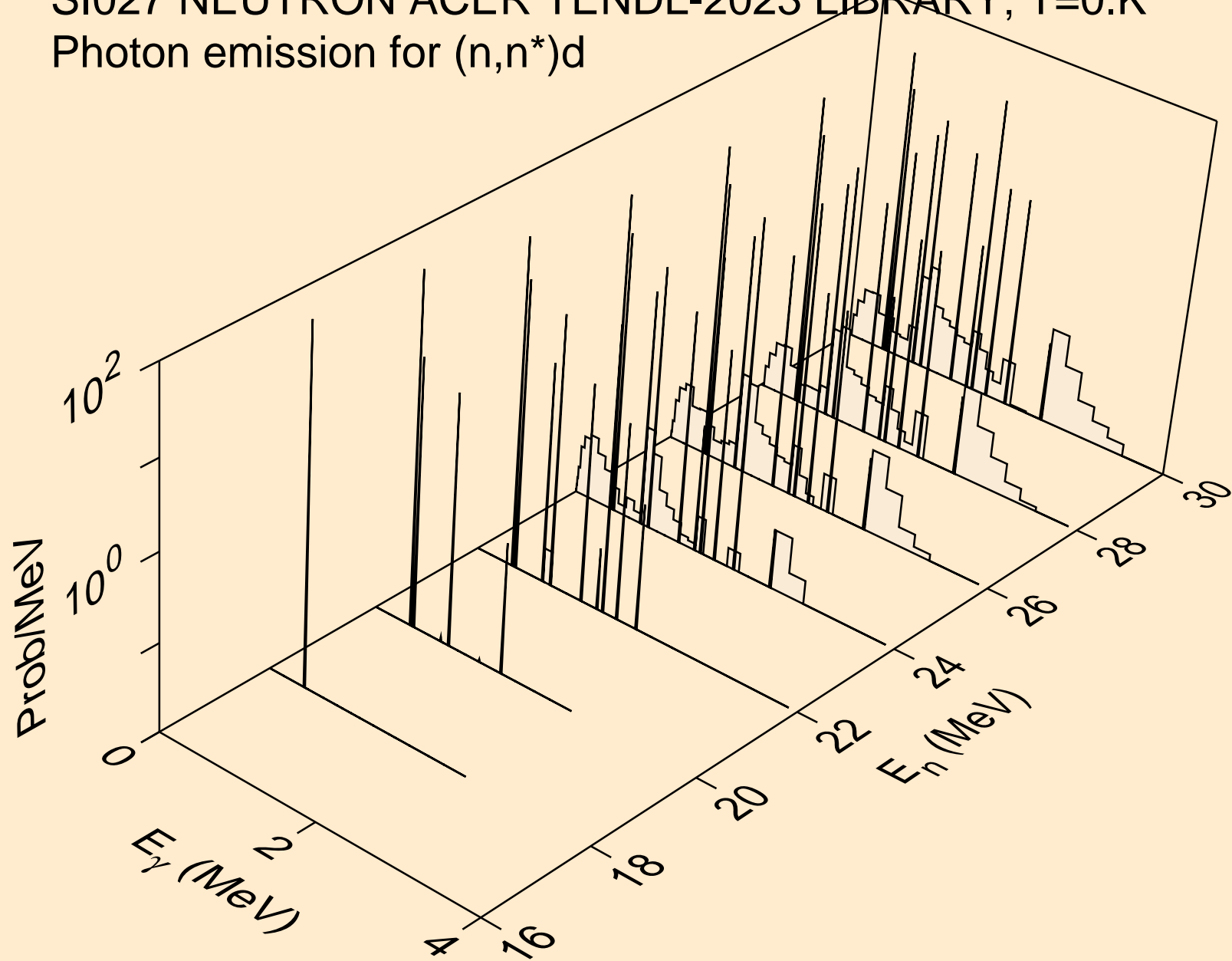
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Photon emission for (n,n*)p



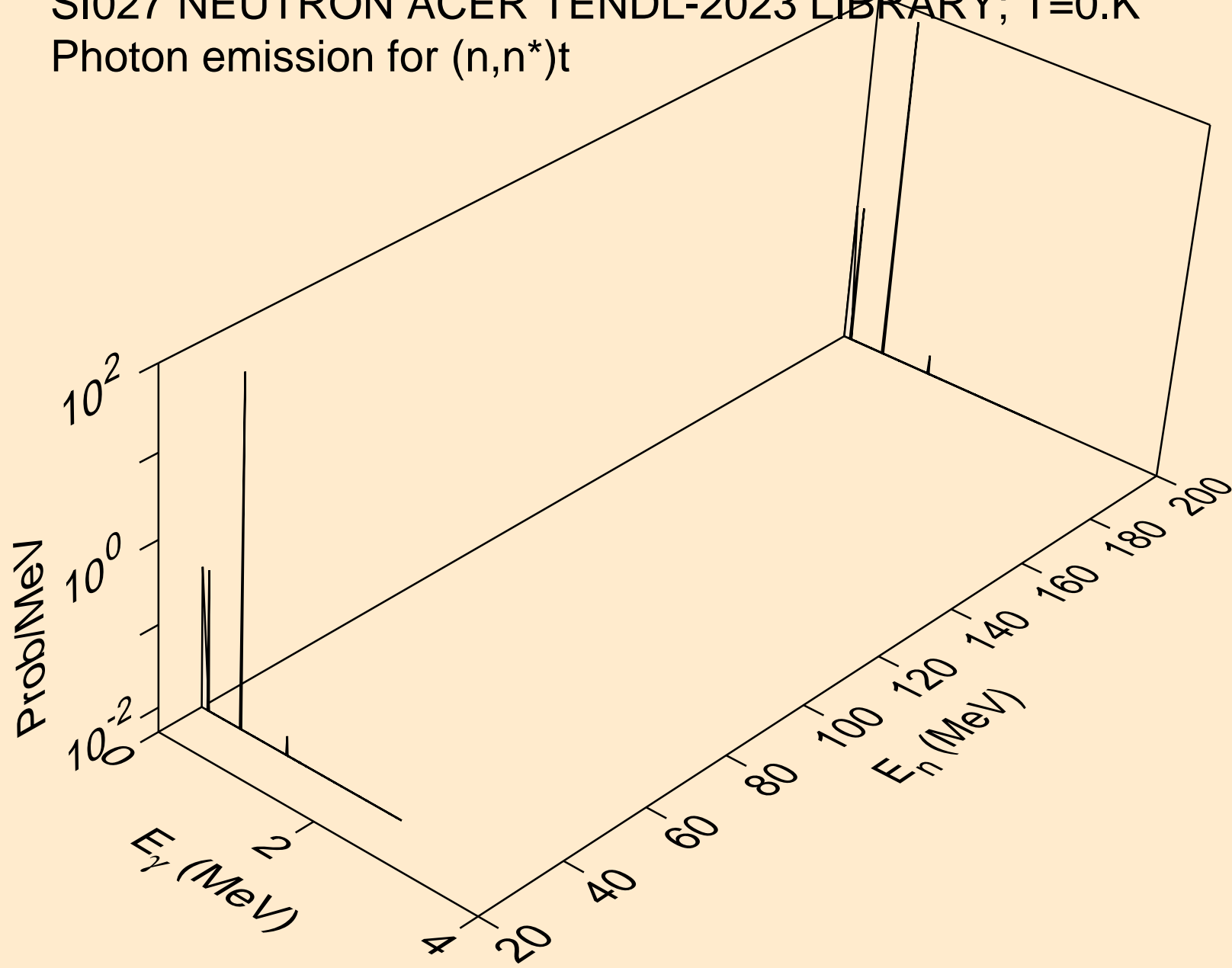
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Photon emission for (n,n*)2a



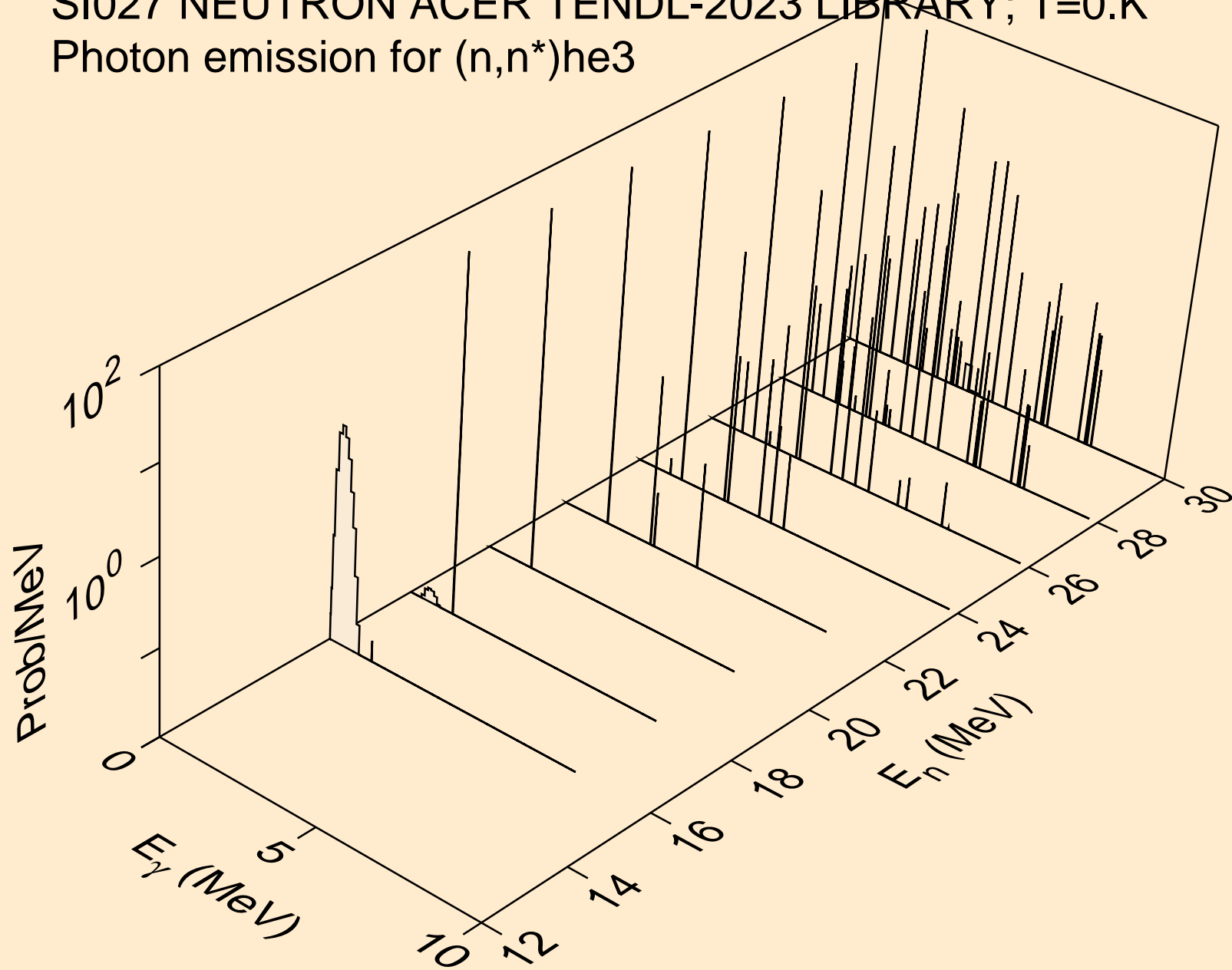
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



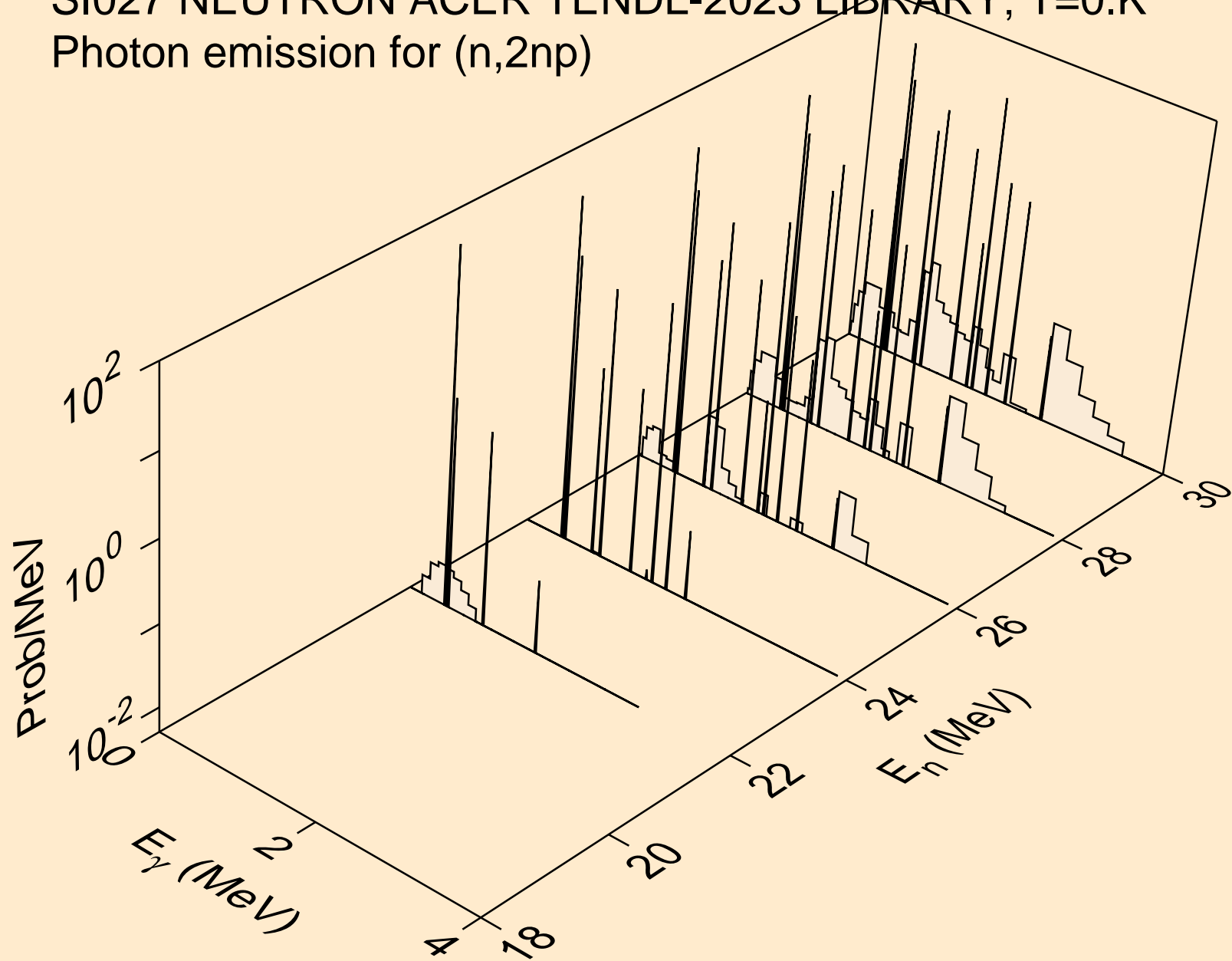
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Photon emission for (n,n*)t



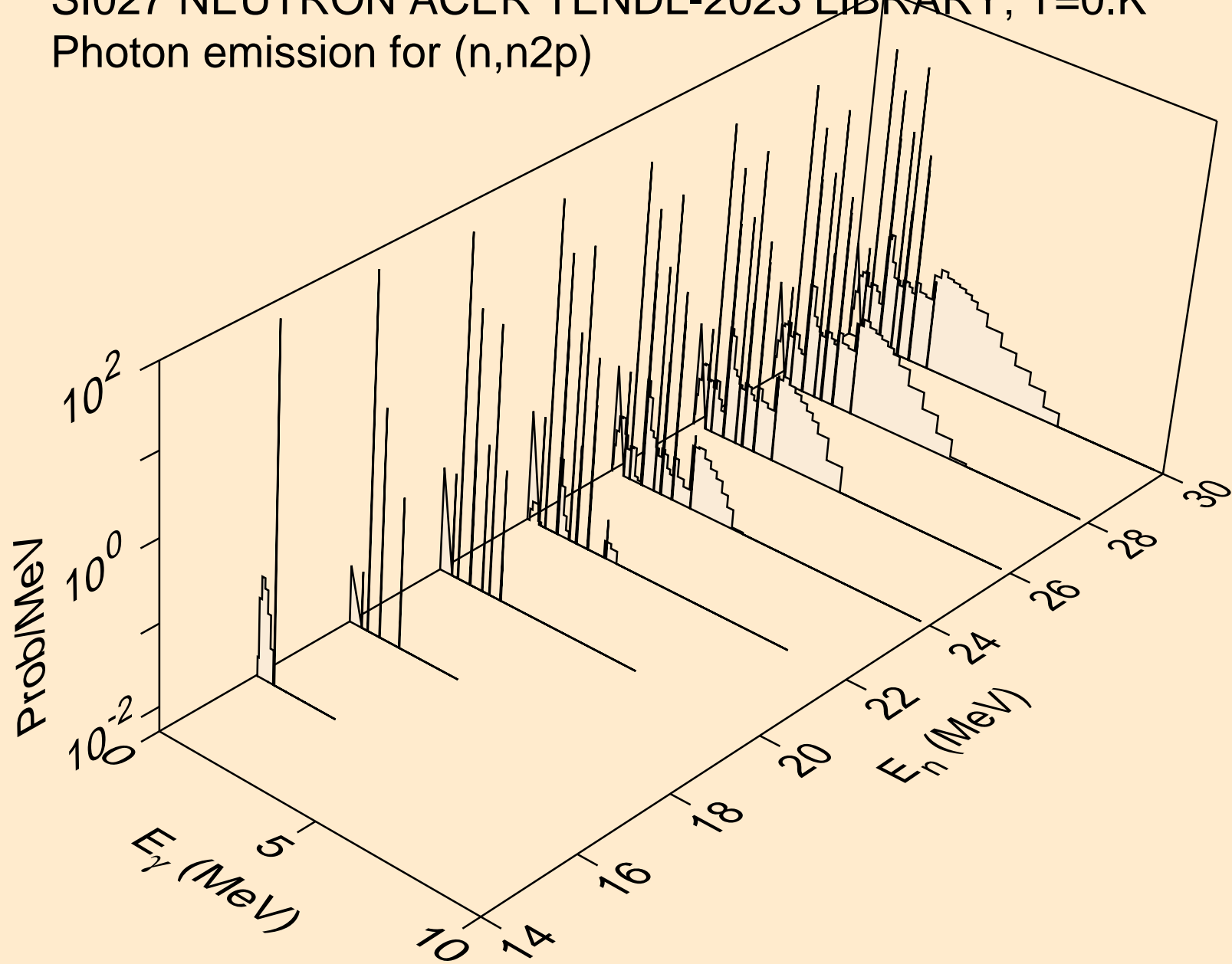
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Photon emission for (n,n*)he3



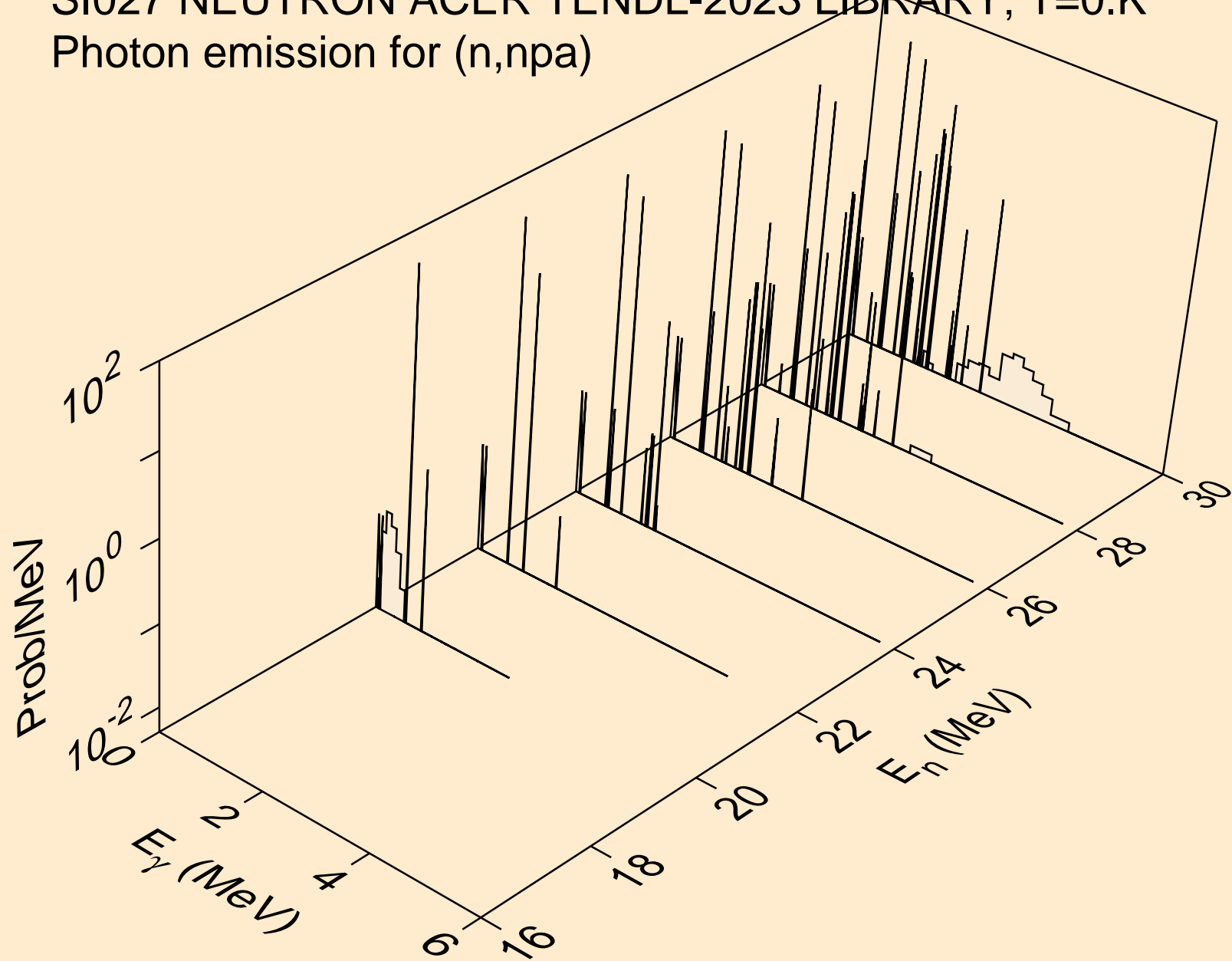
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Photon emission for (n,2np)



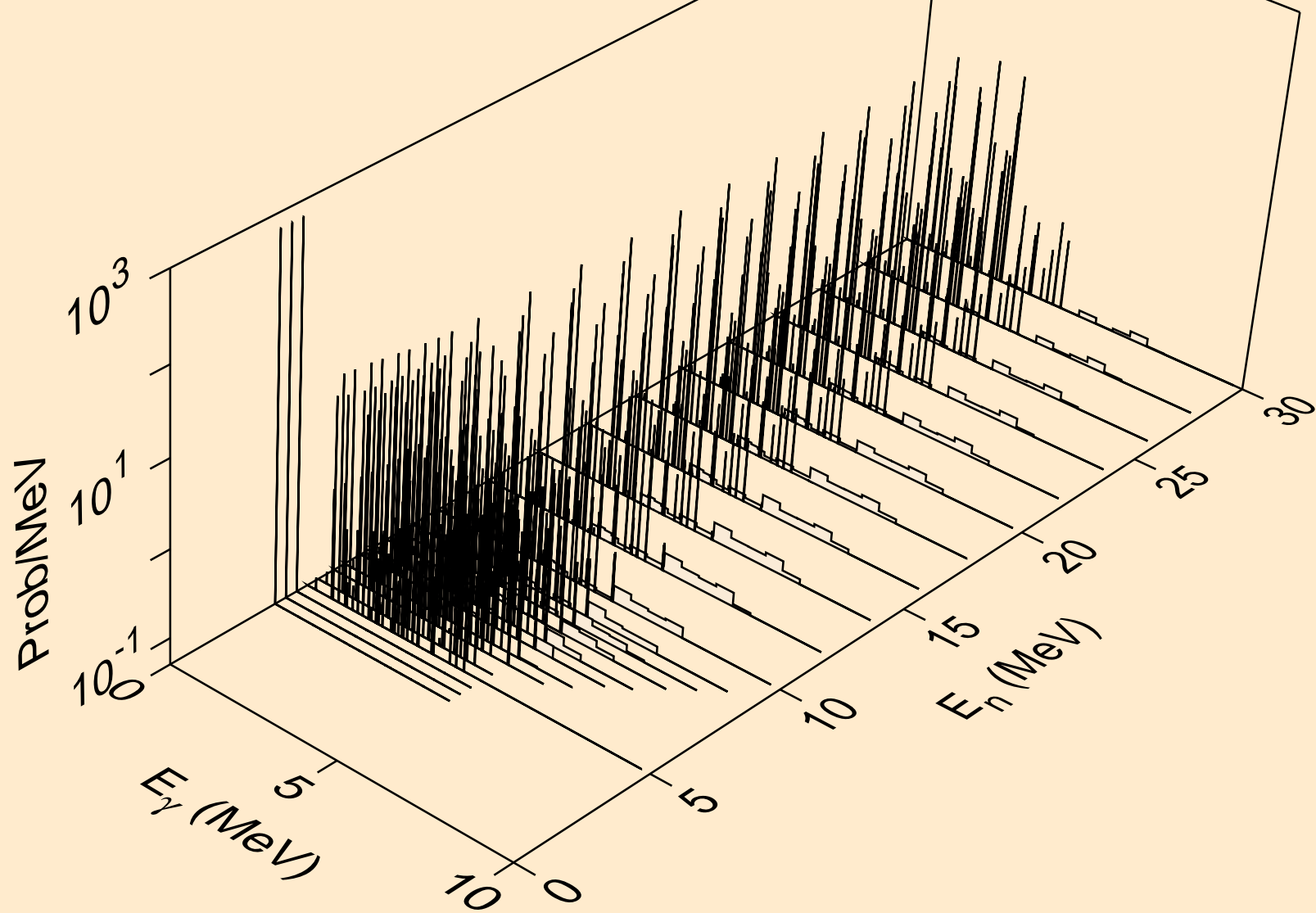
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Photon emission for (n,n2p)



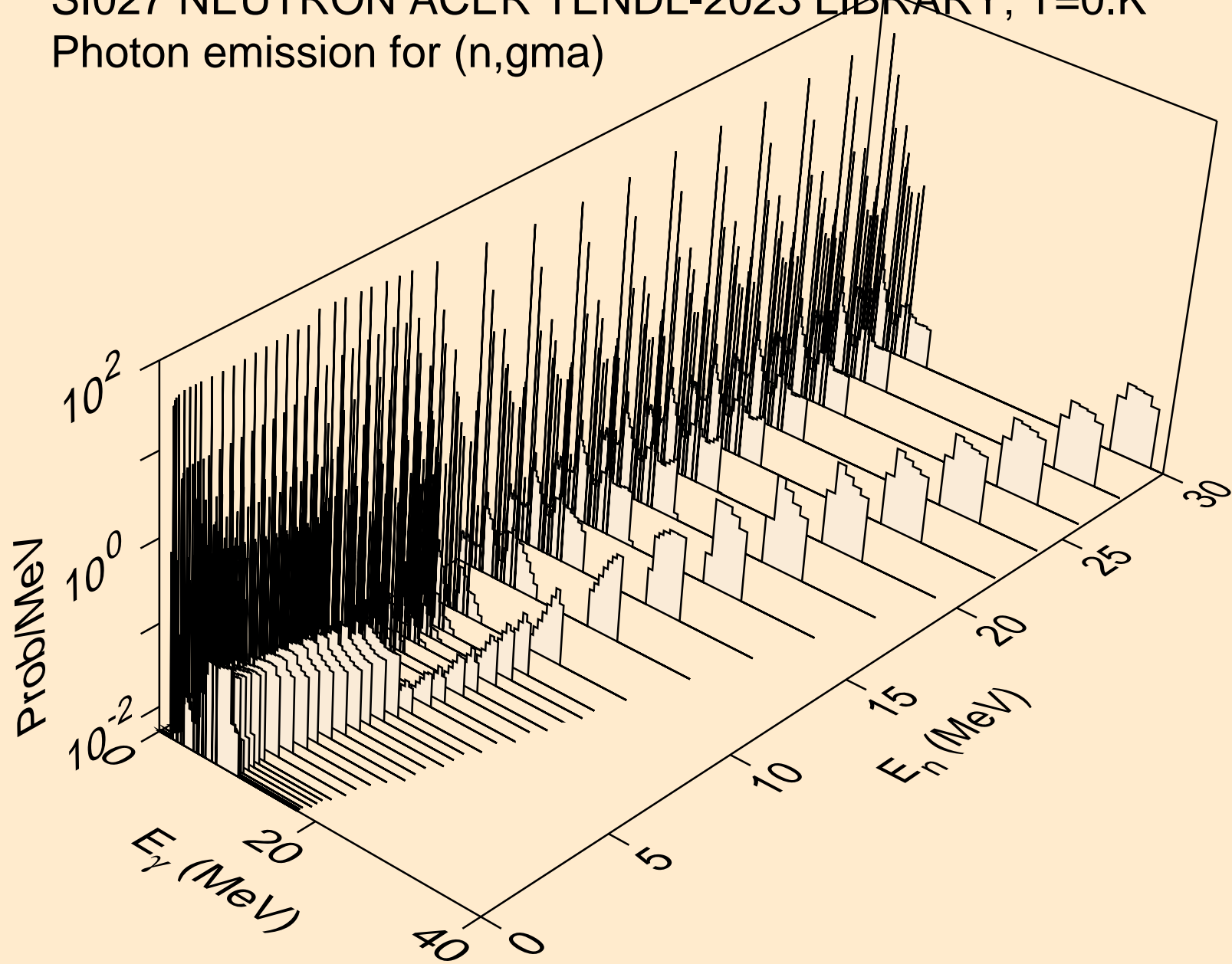
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Photon emission for (n,npa)



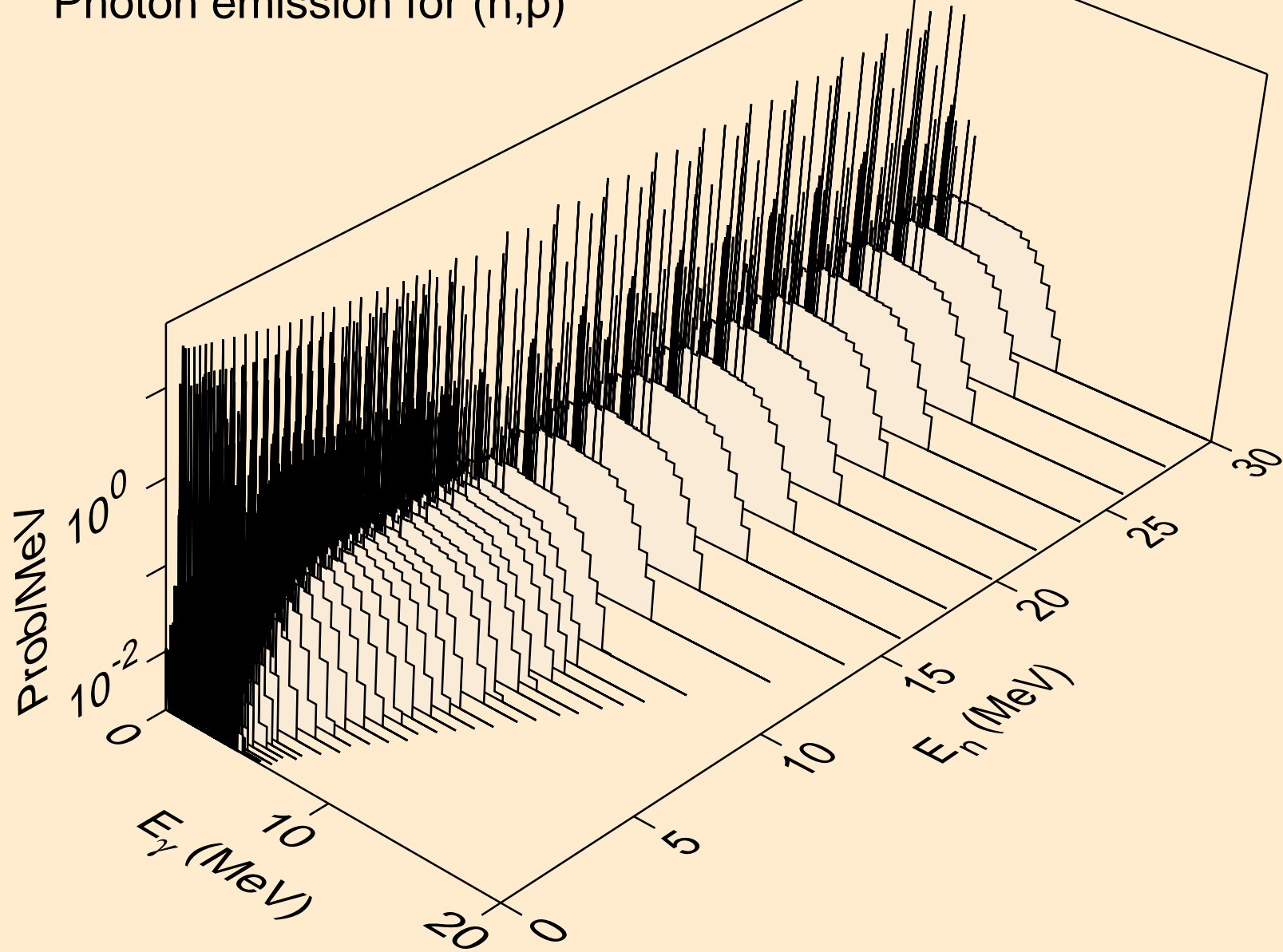
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Photon emission for (n,n*c)



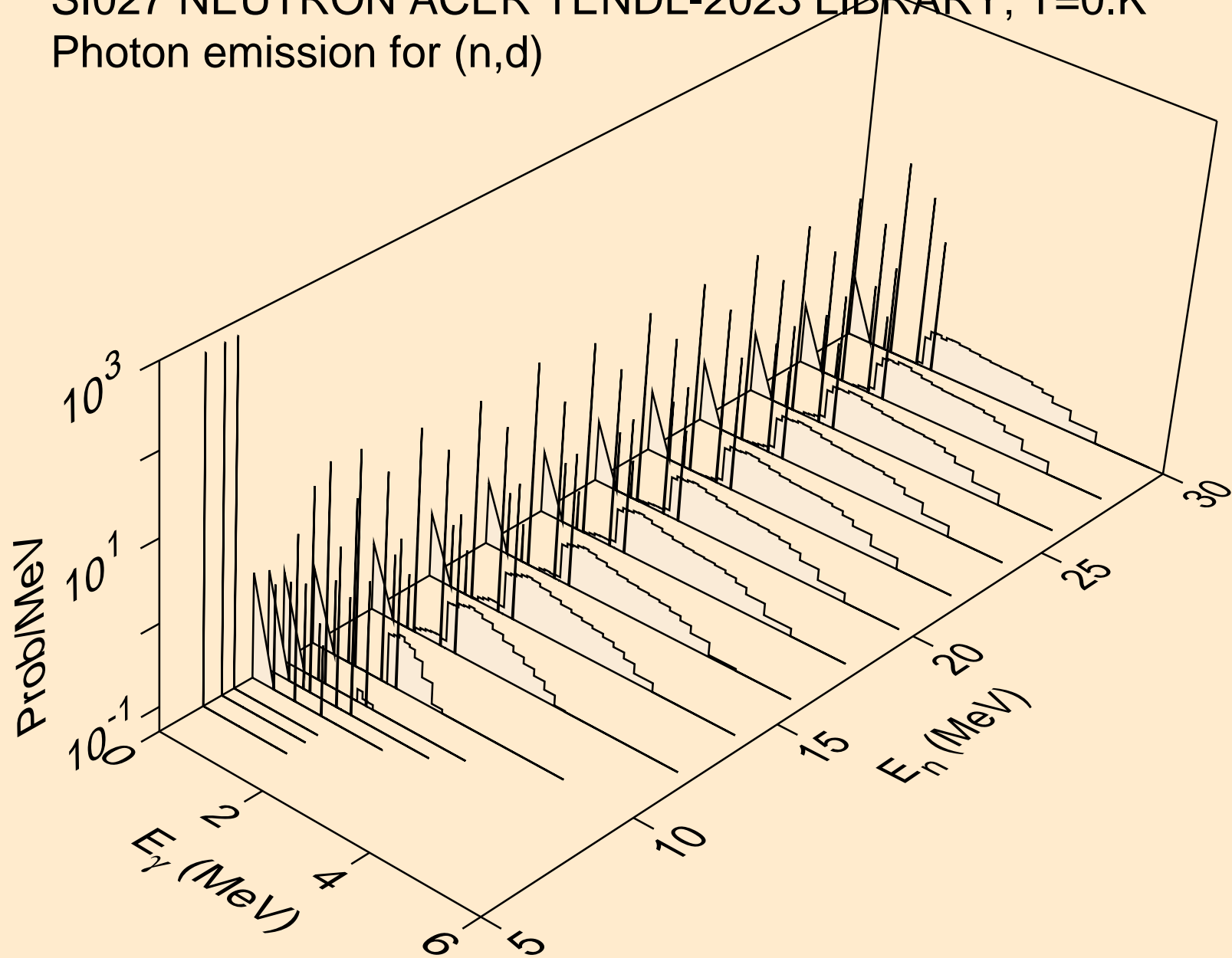
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



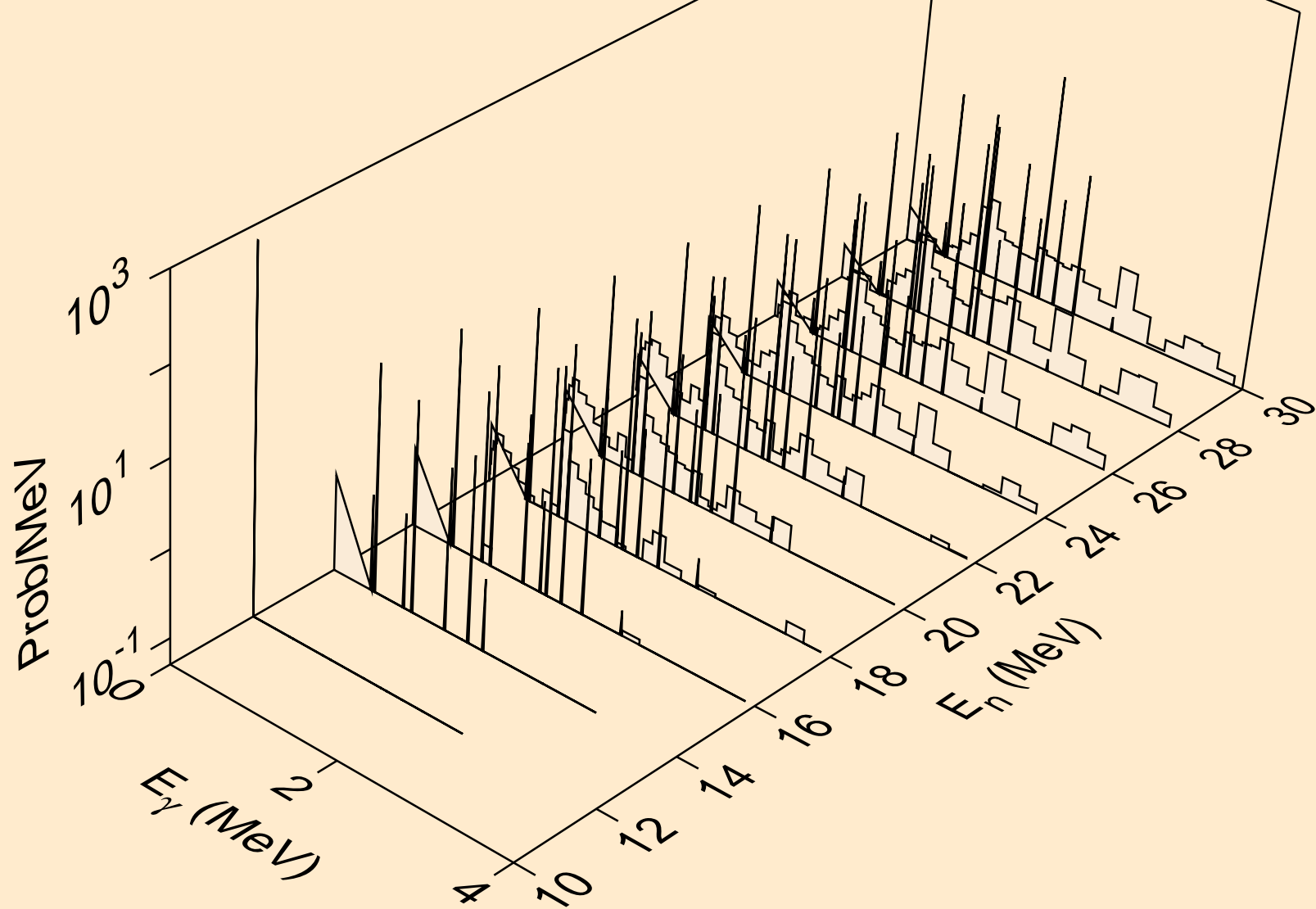
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



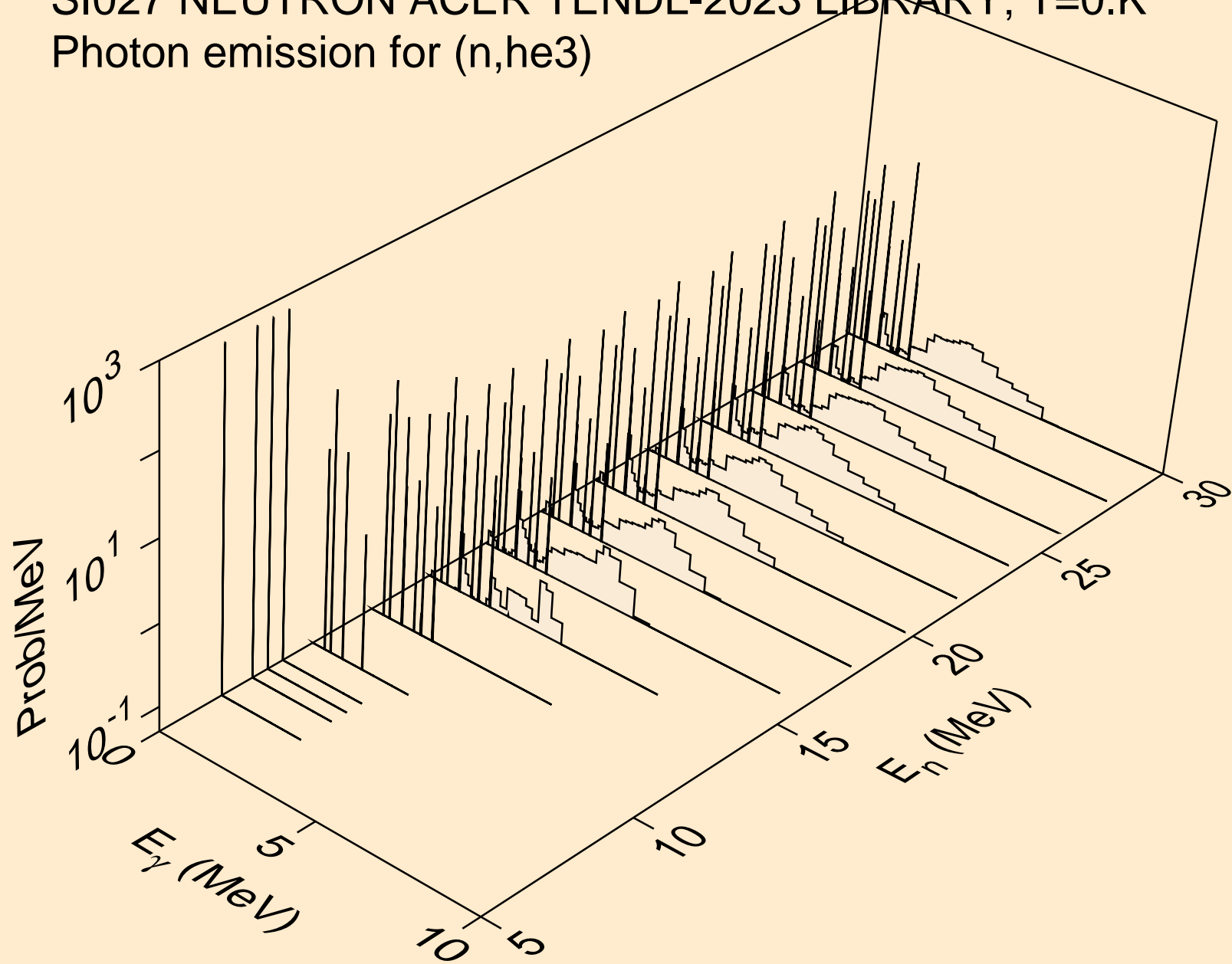
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



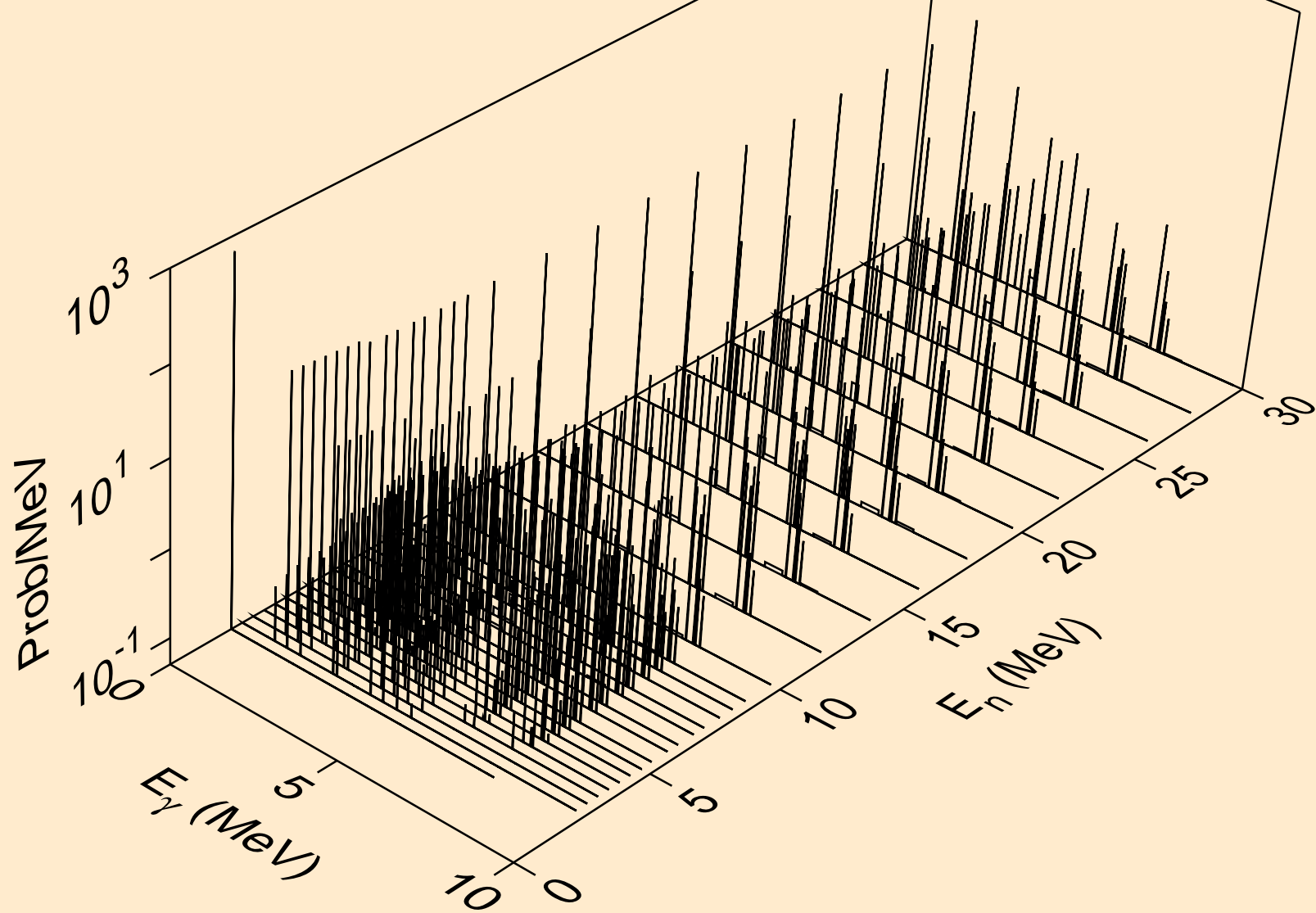
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



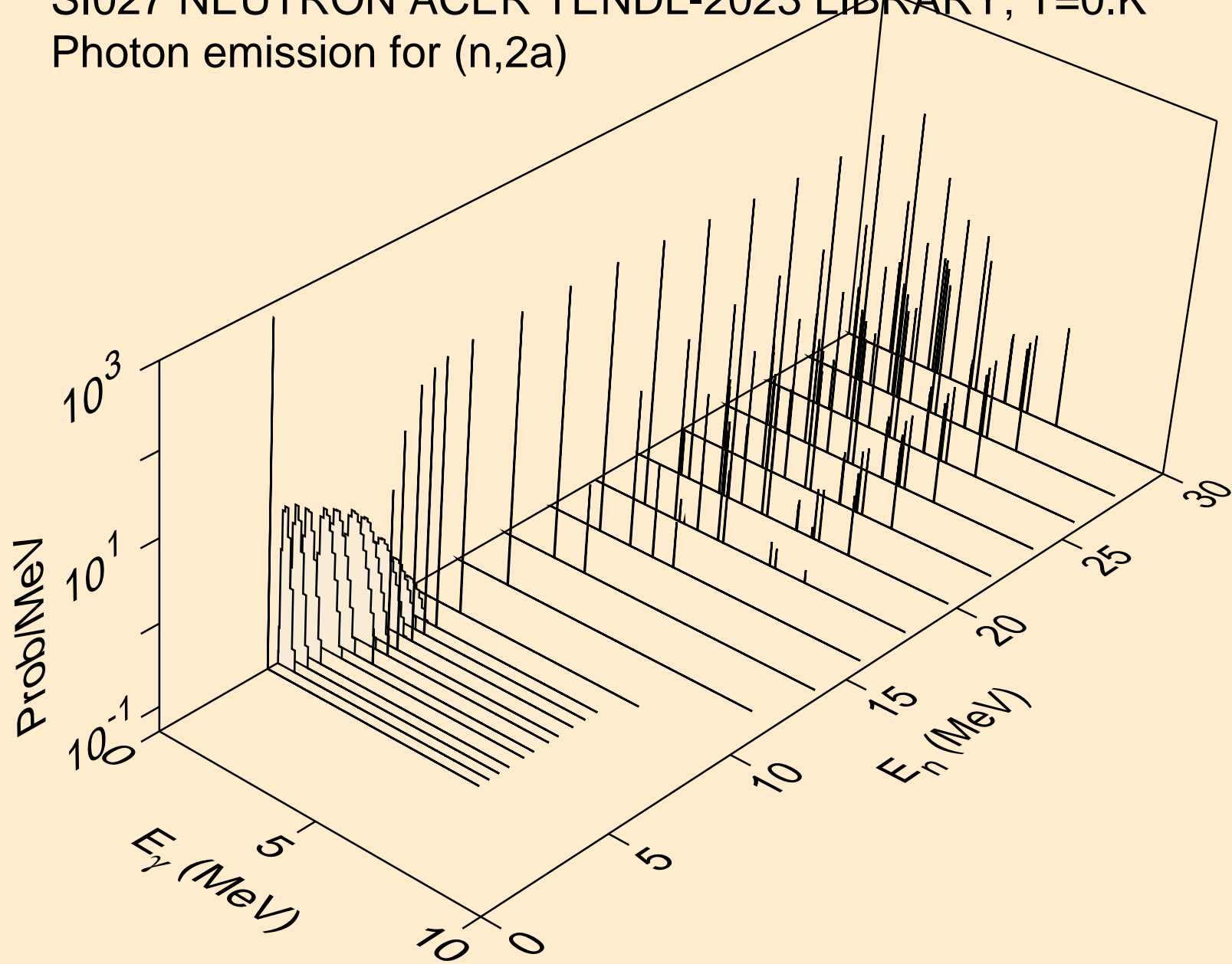
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



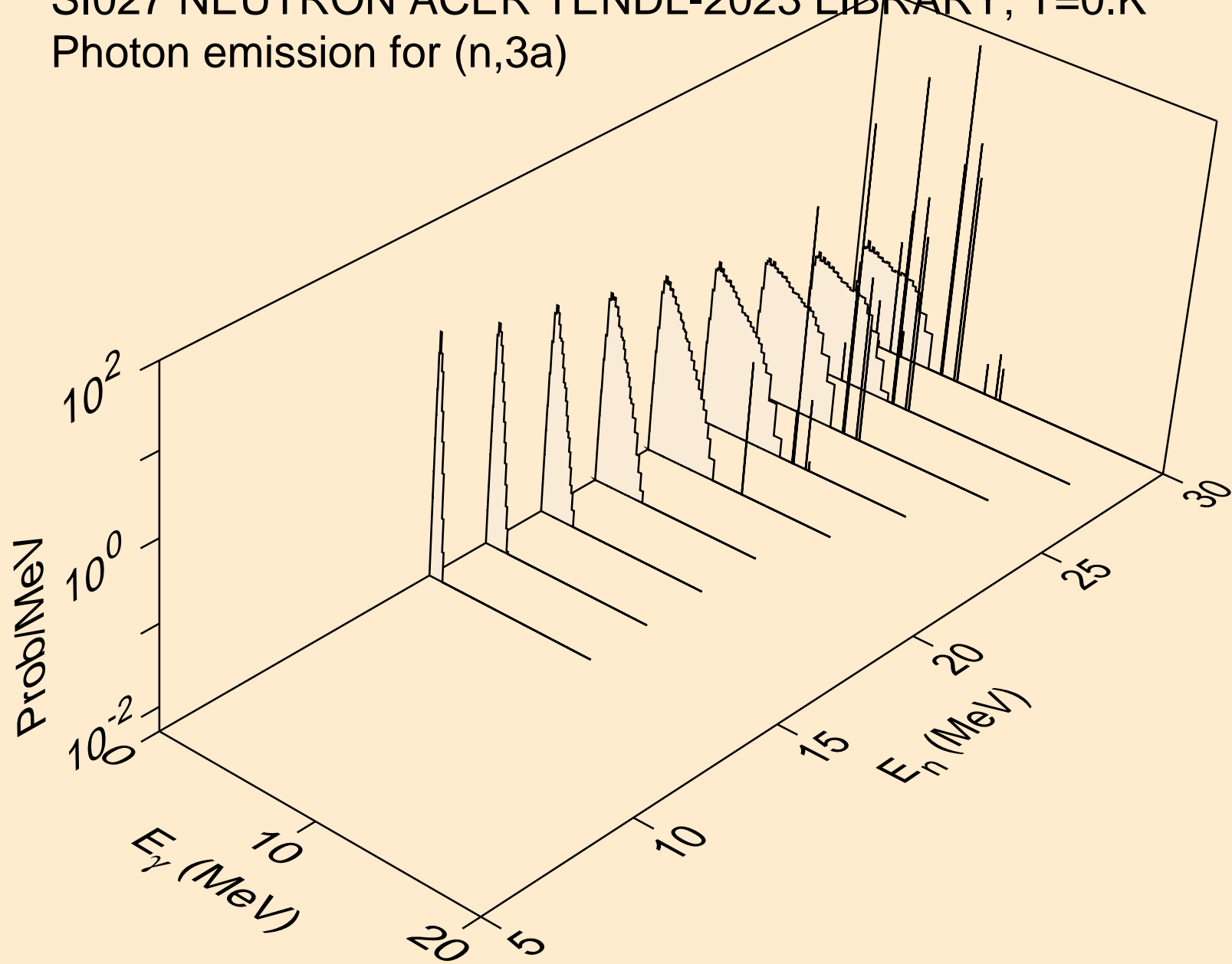
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Photon emission for (n,a)



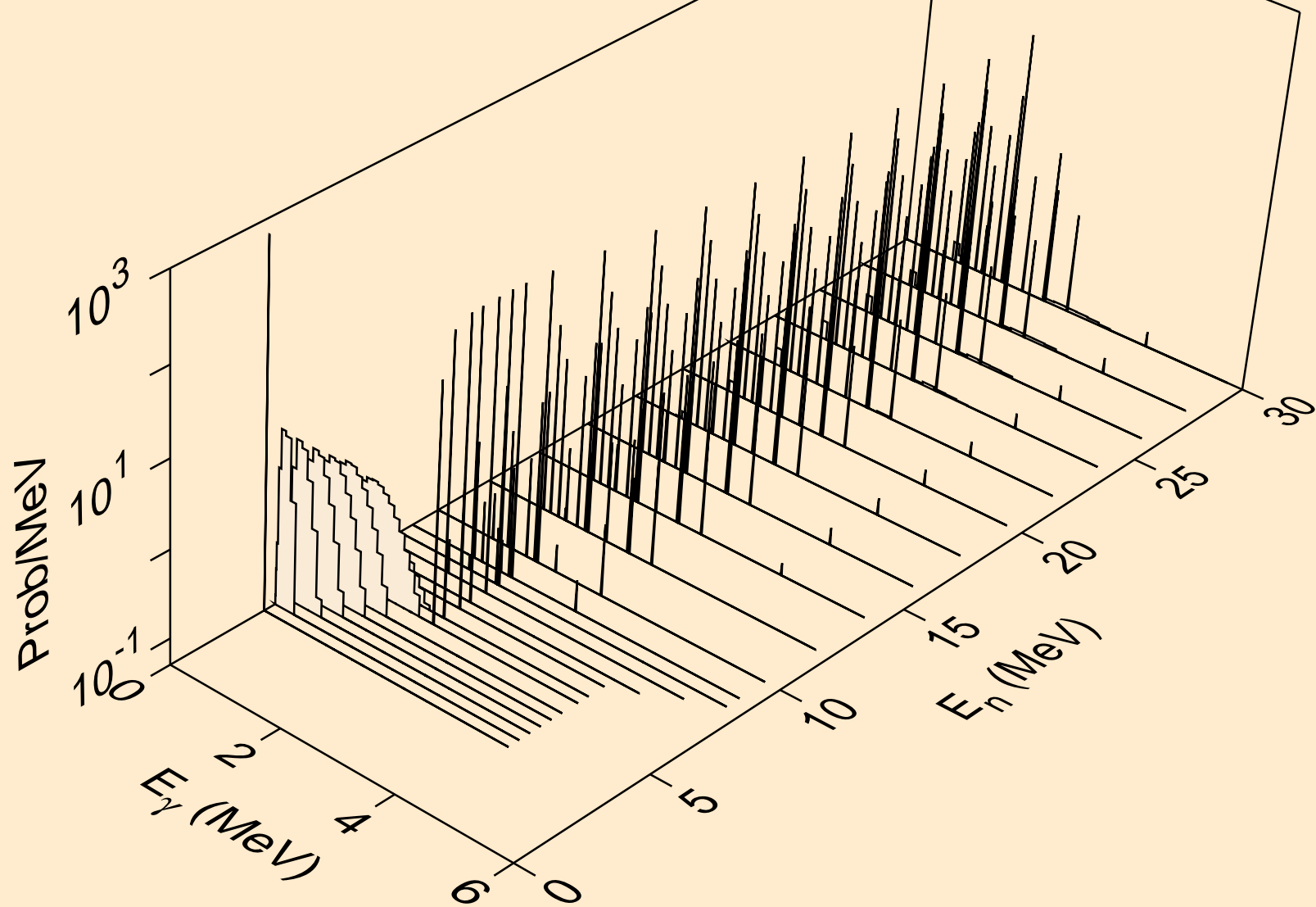
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Photon emission for (n,2a)



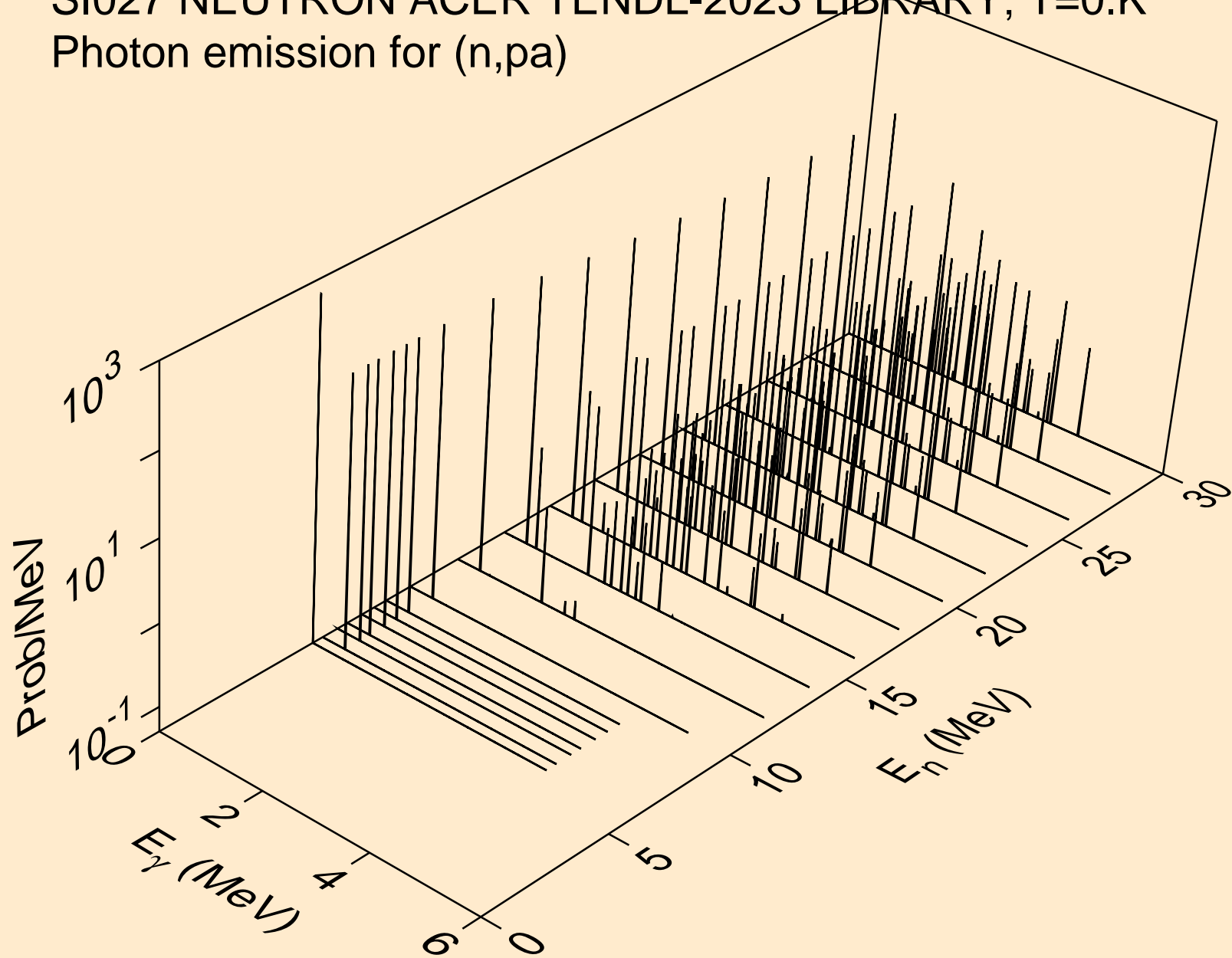
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Photon emission for (n,3a)



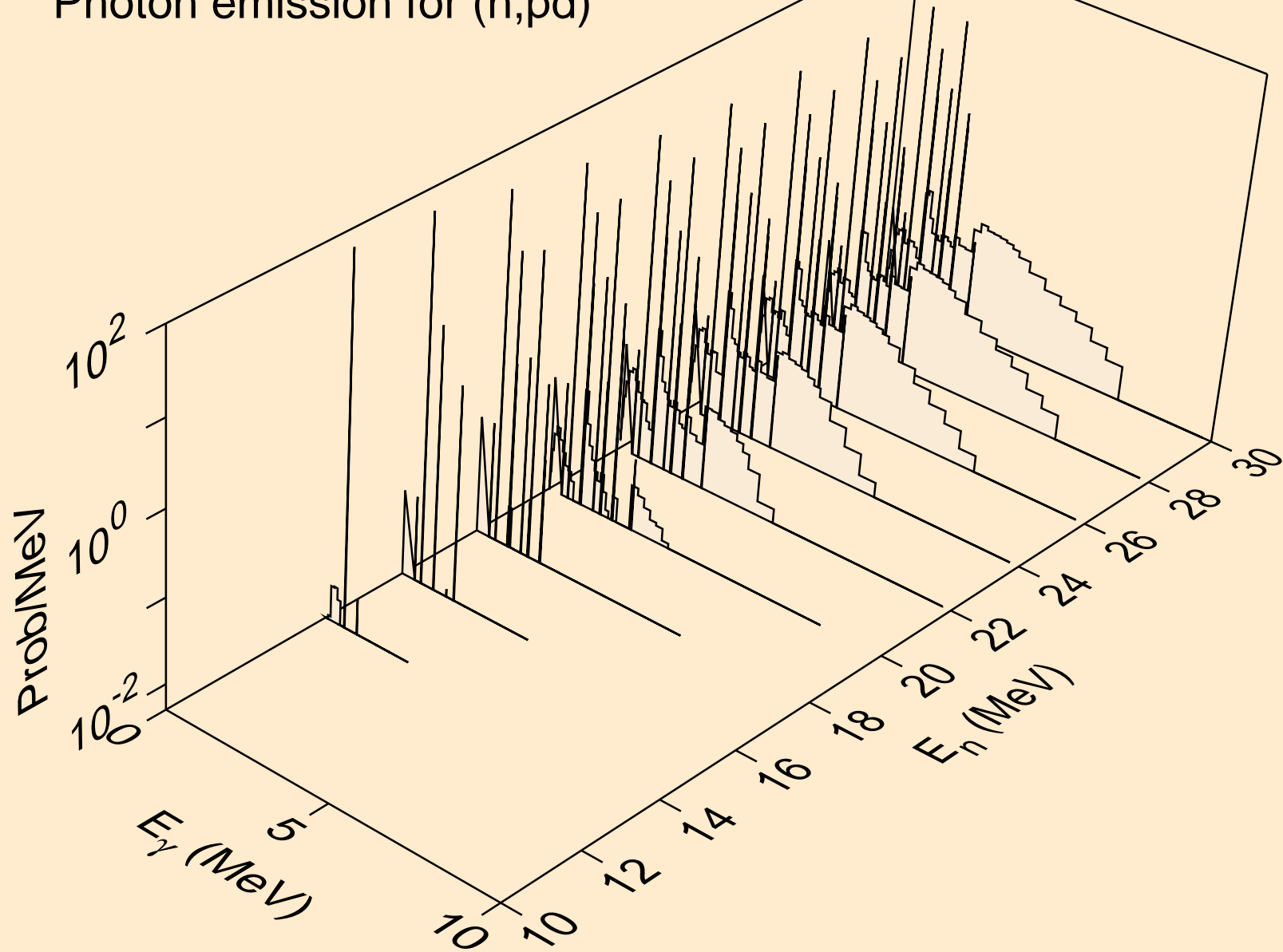
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Photon emission for (n,2p)



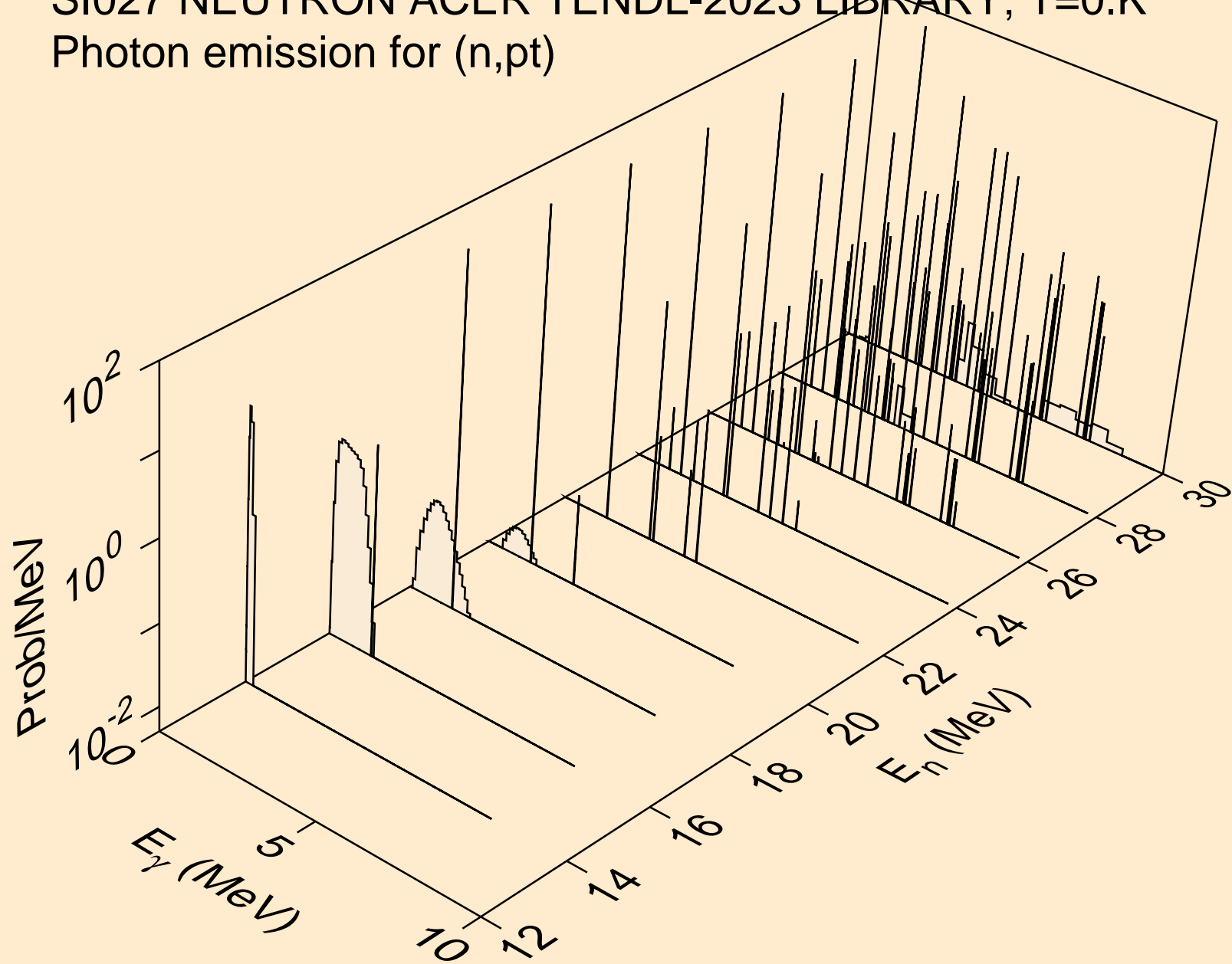
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Photon emission for (n,p α)



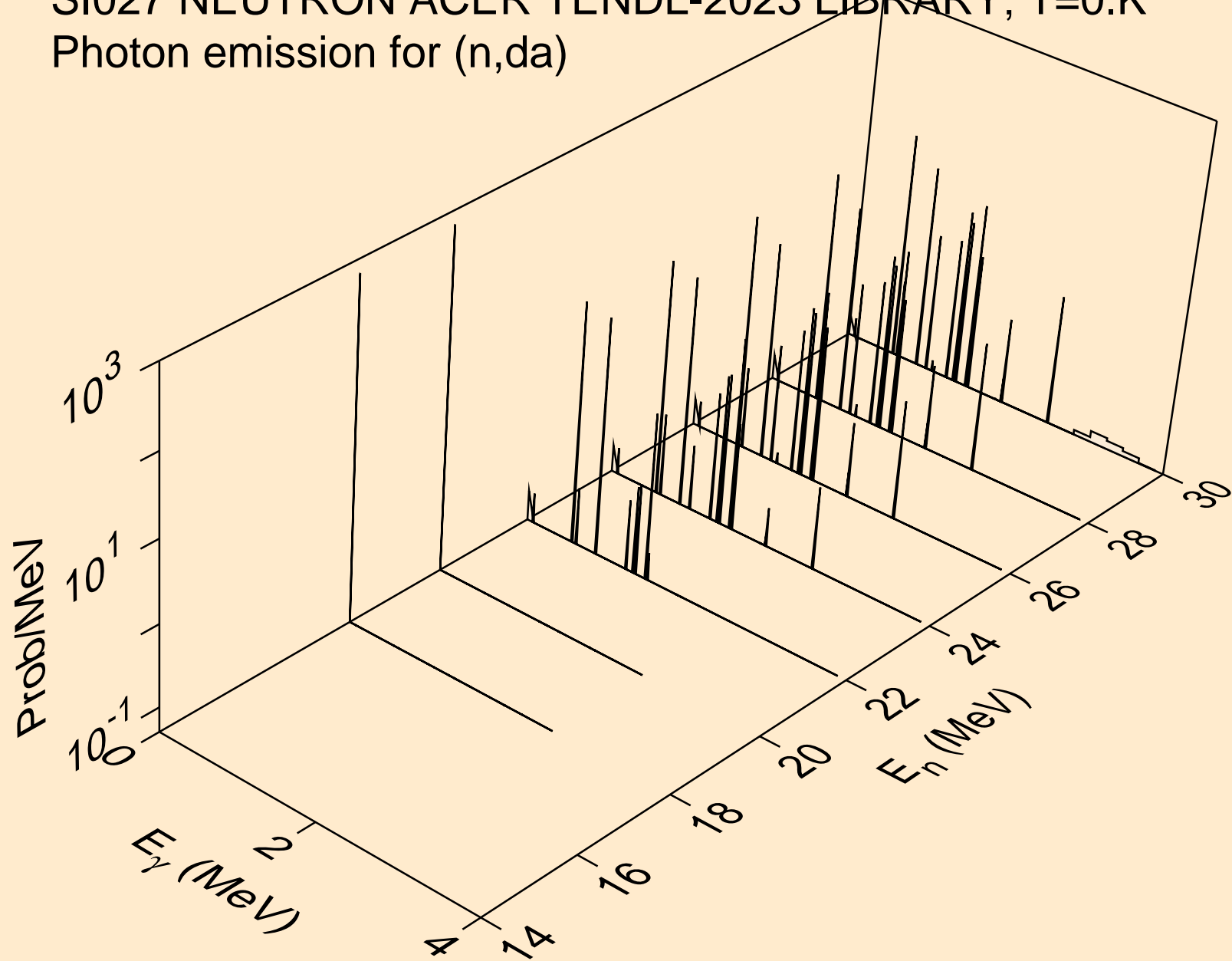
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Photon emission for (n,pd)



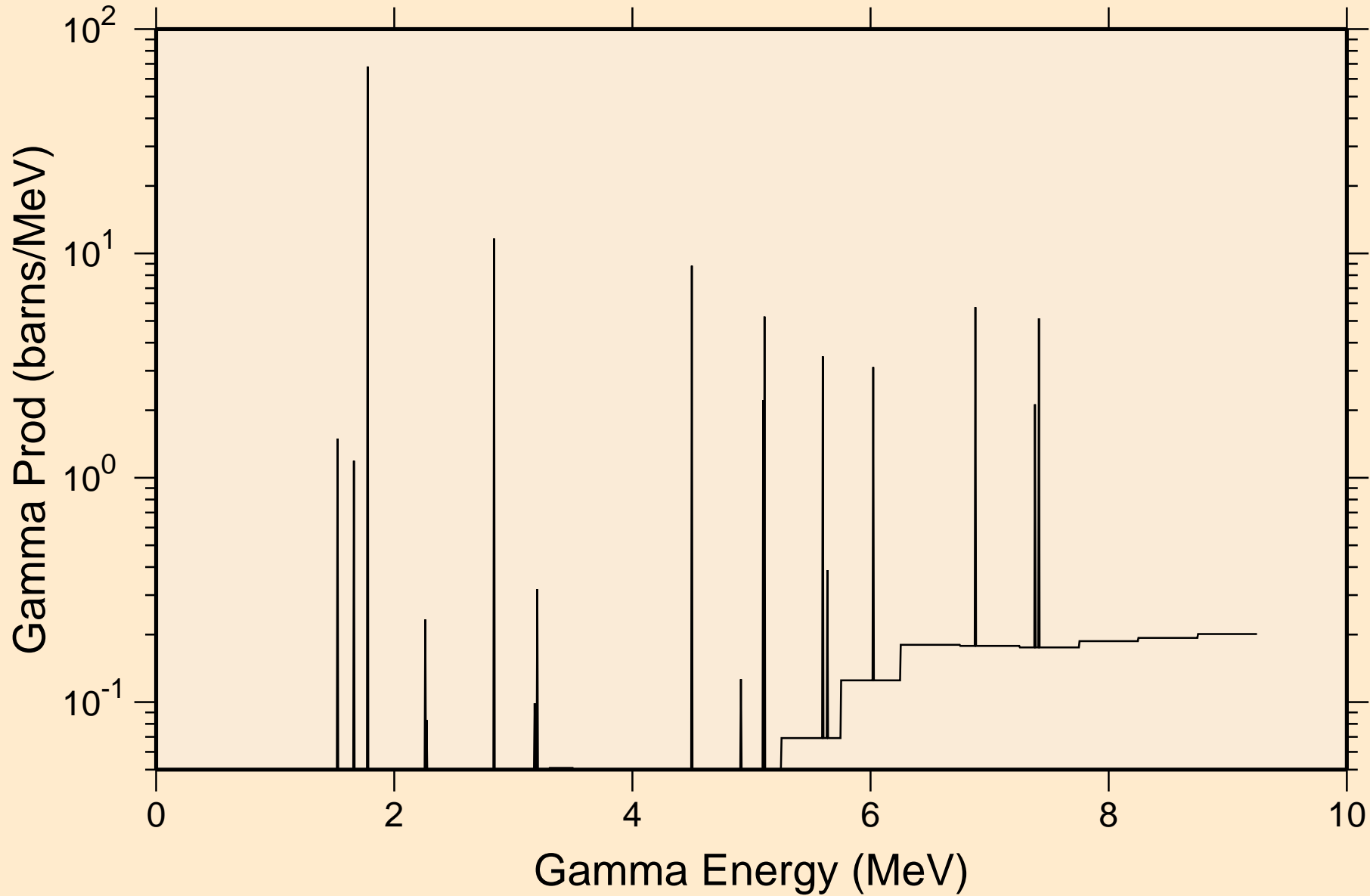
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Photon emission for (n,pt)



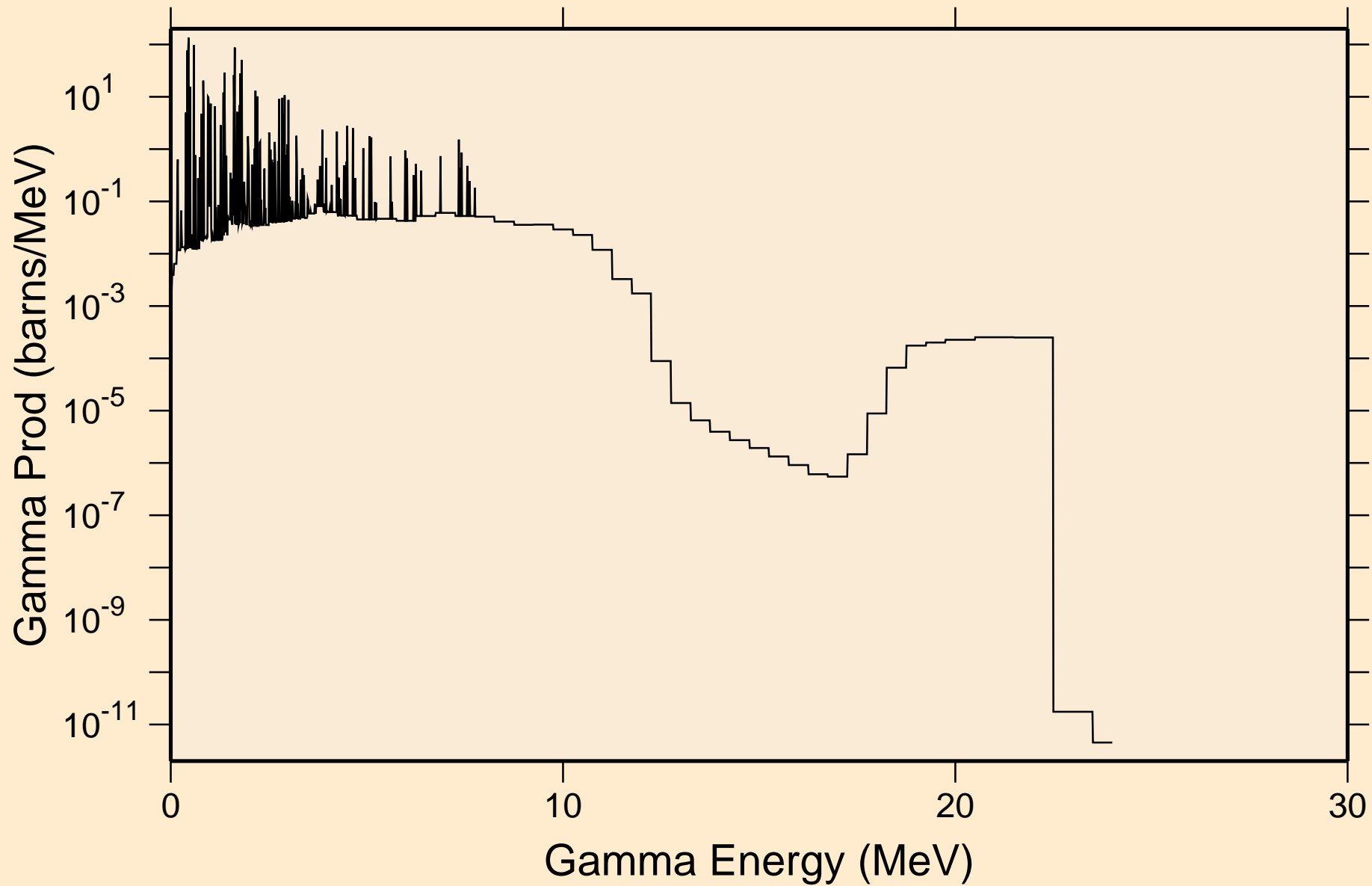
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

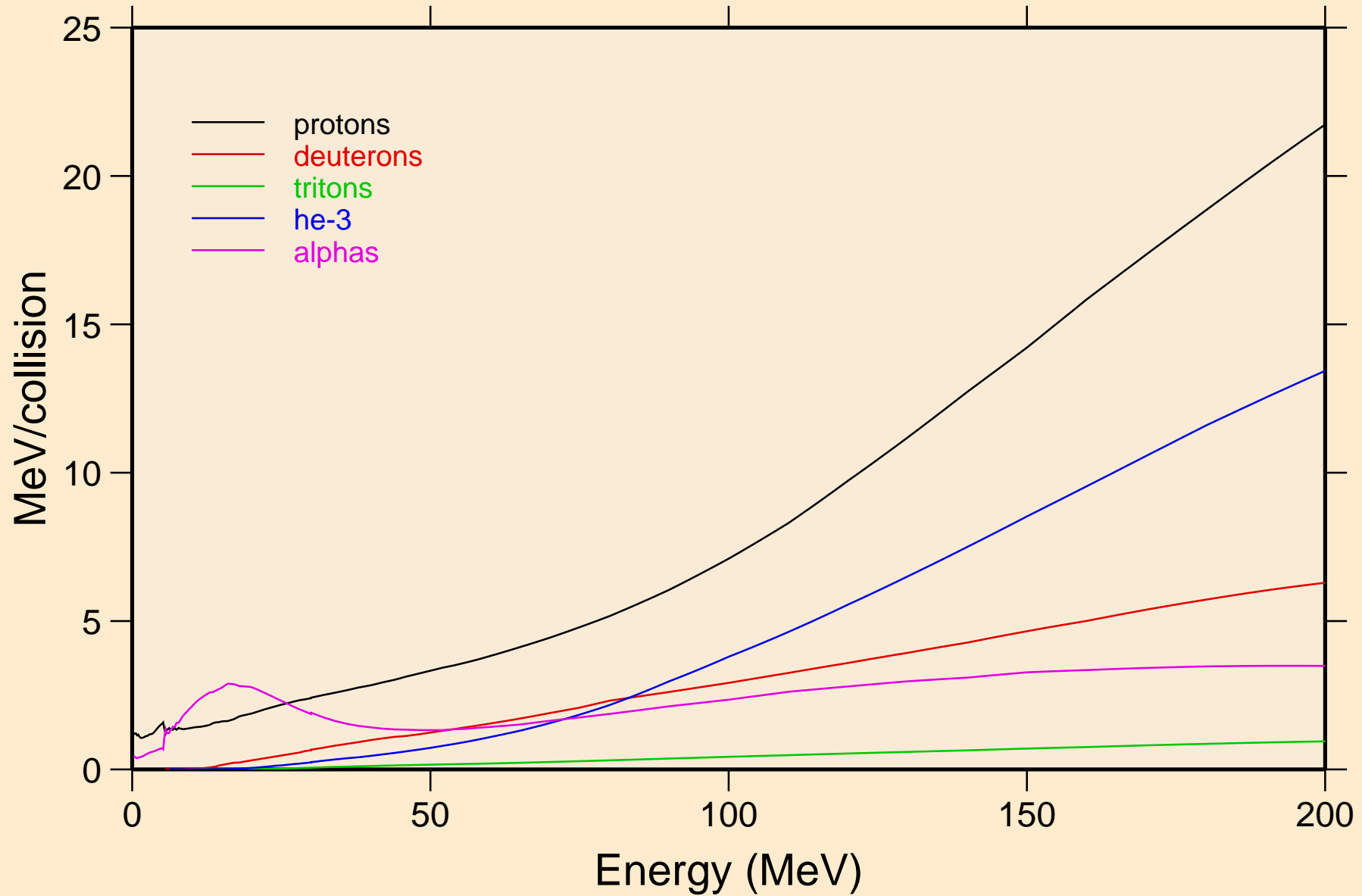


SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



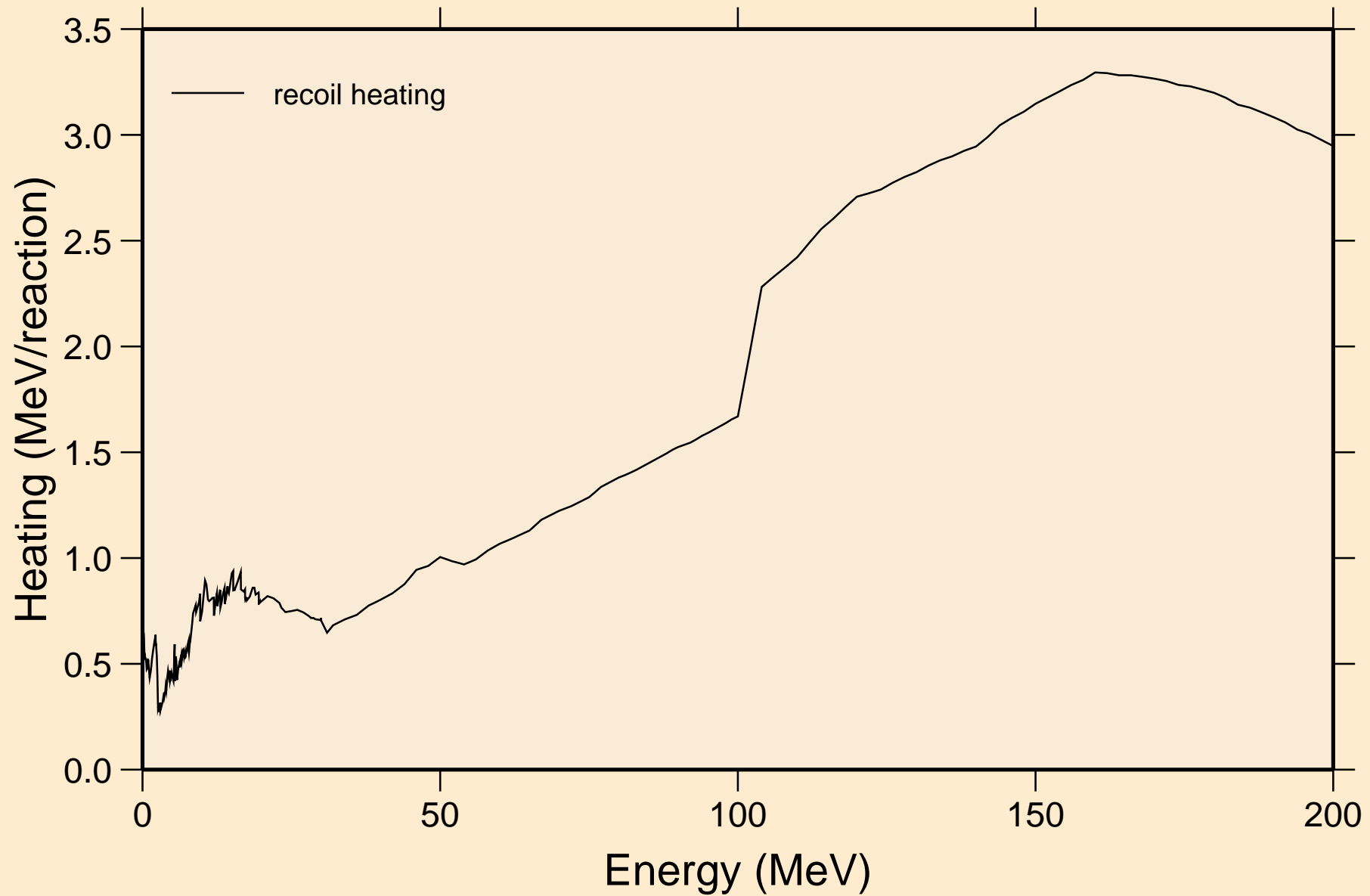
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

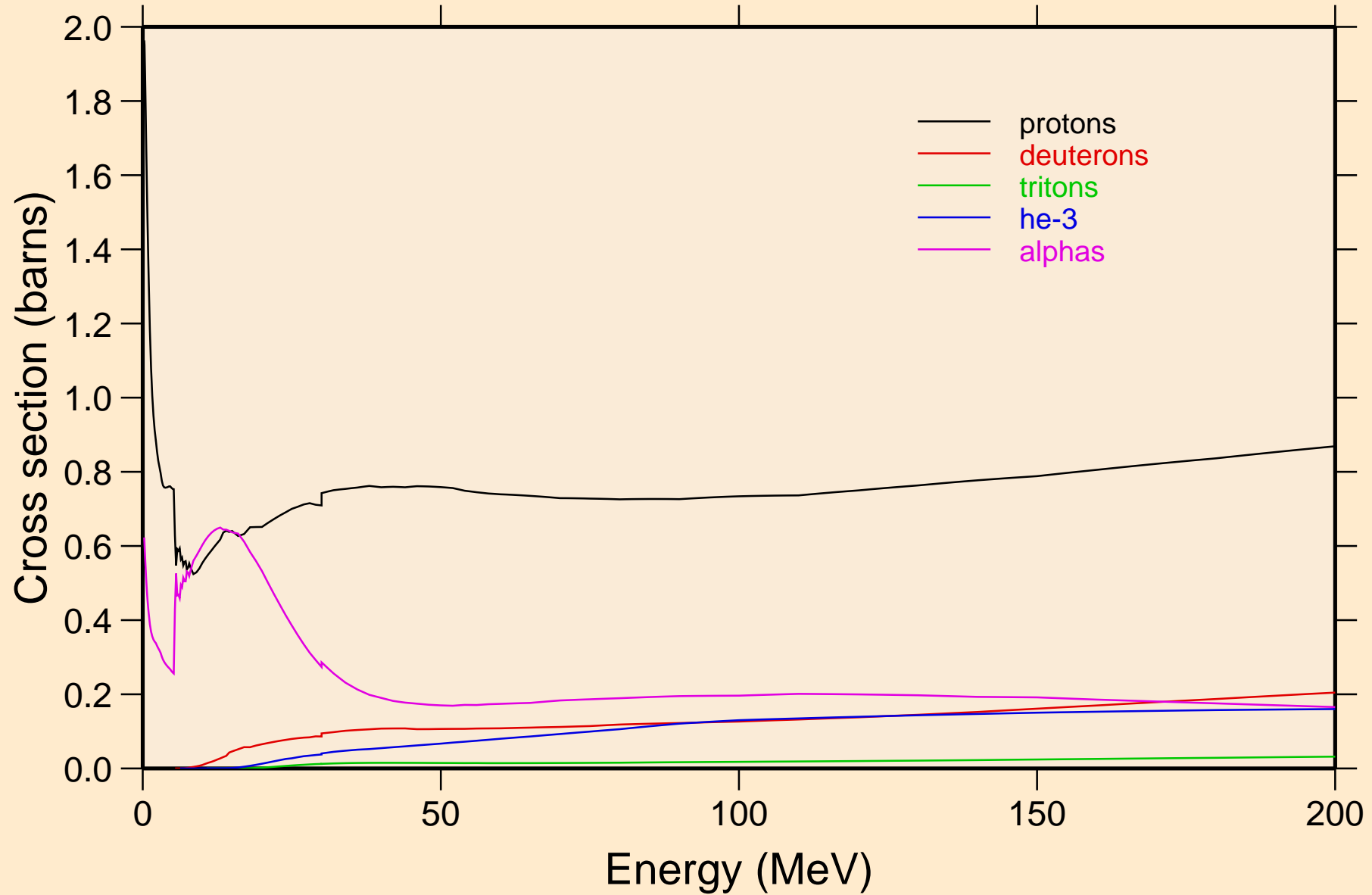


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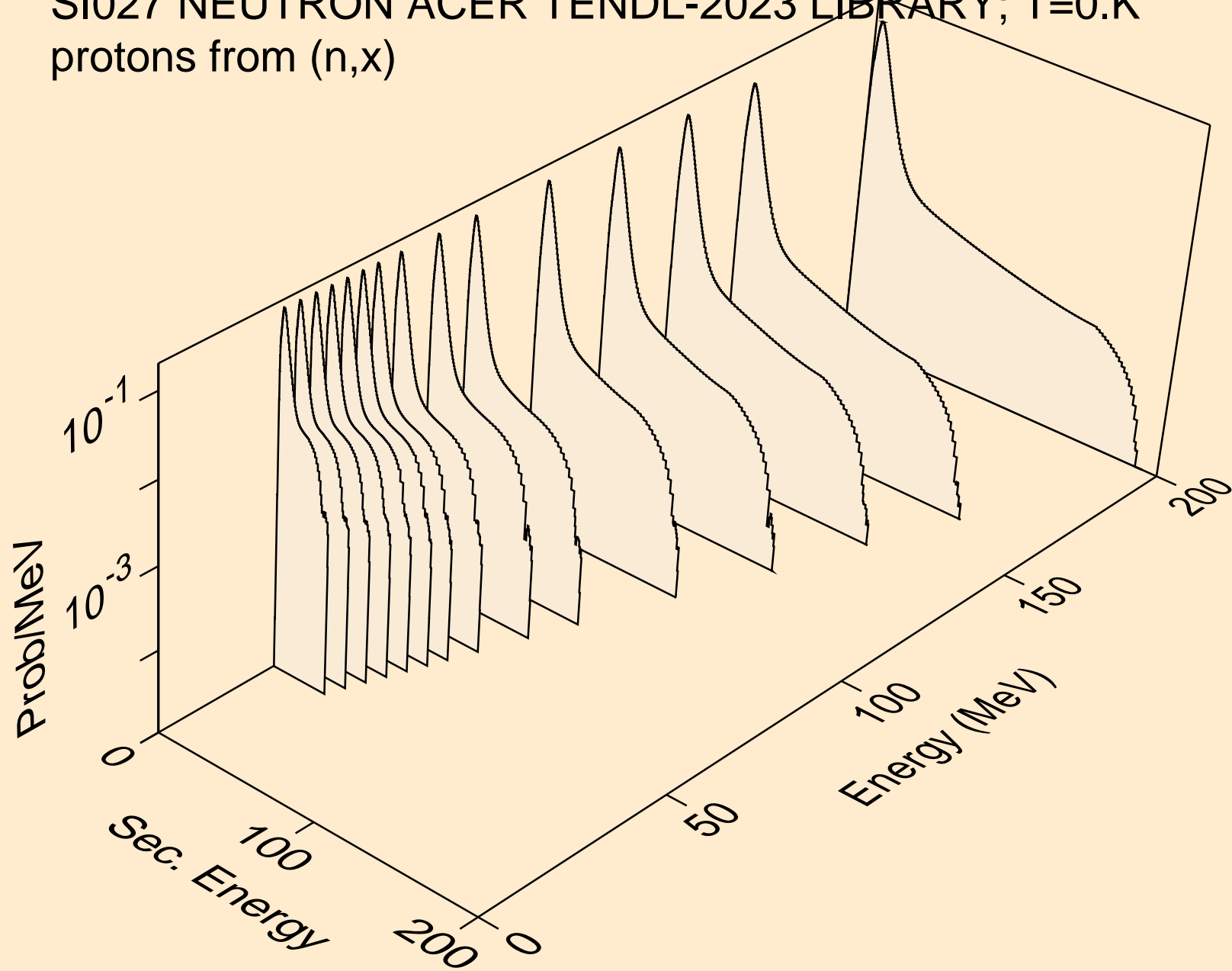
Recoil Heating



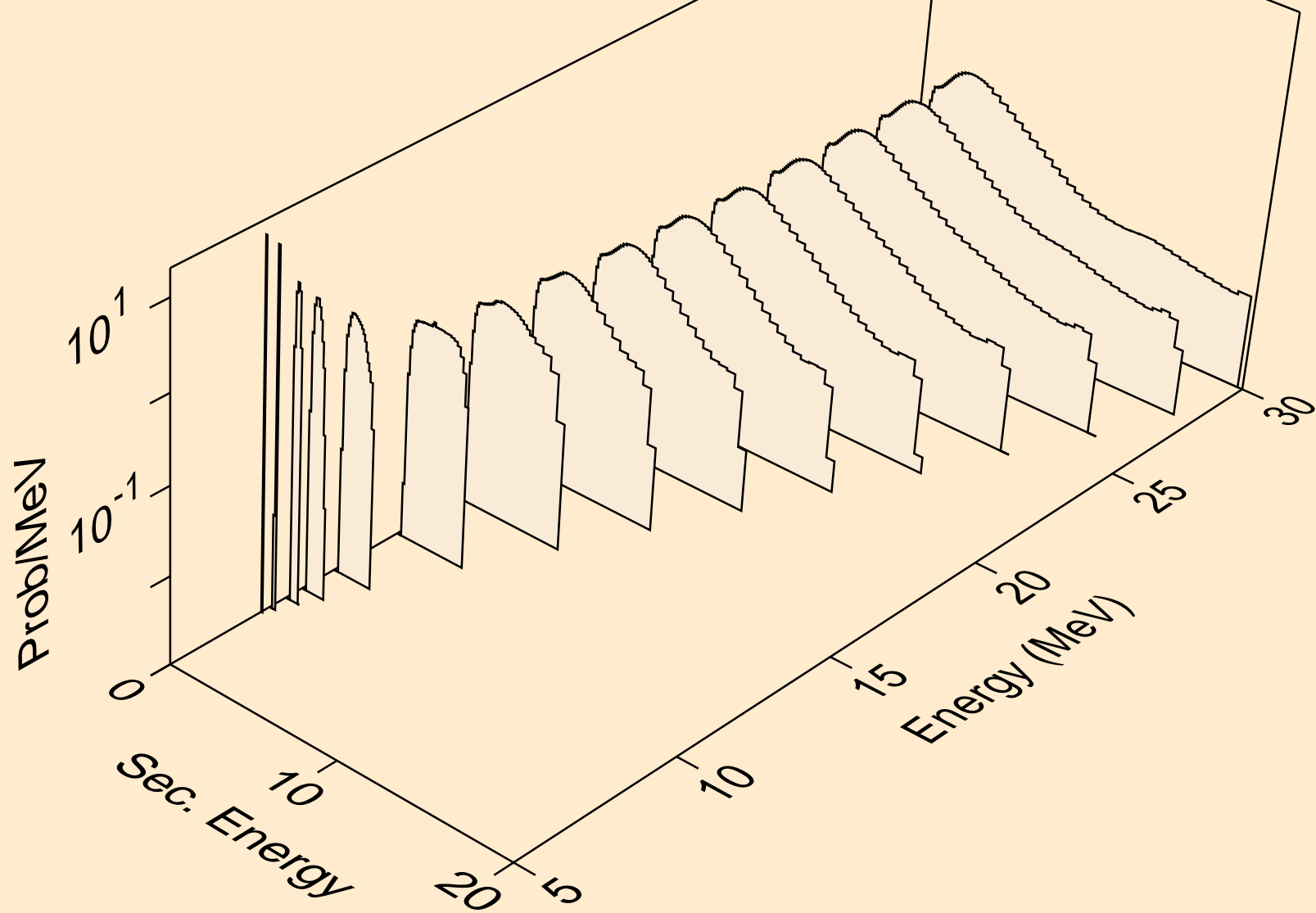
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



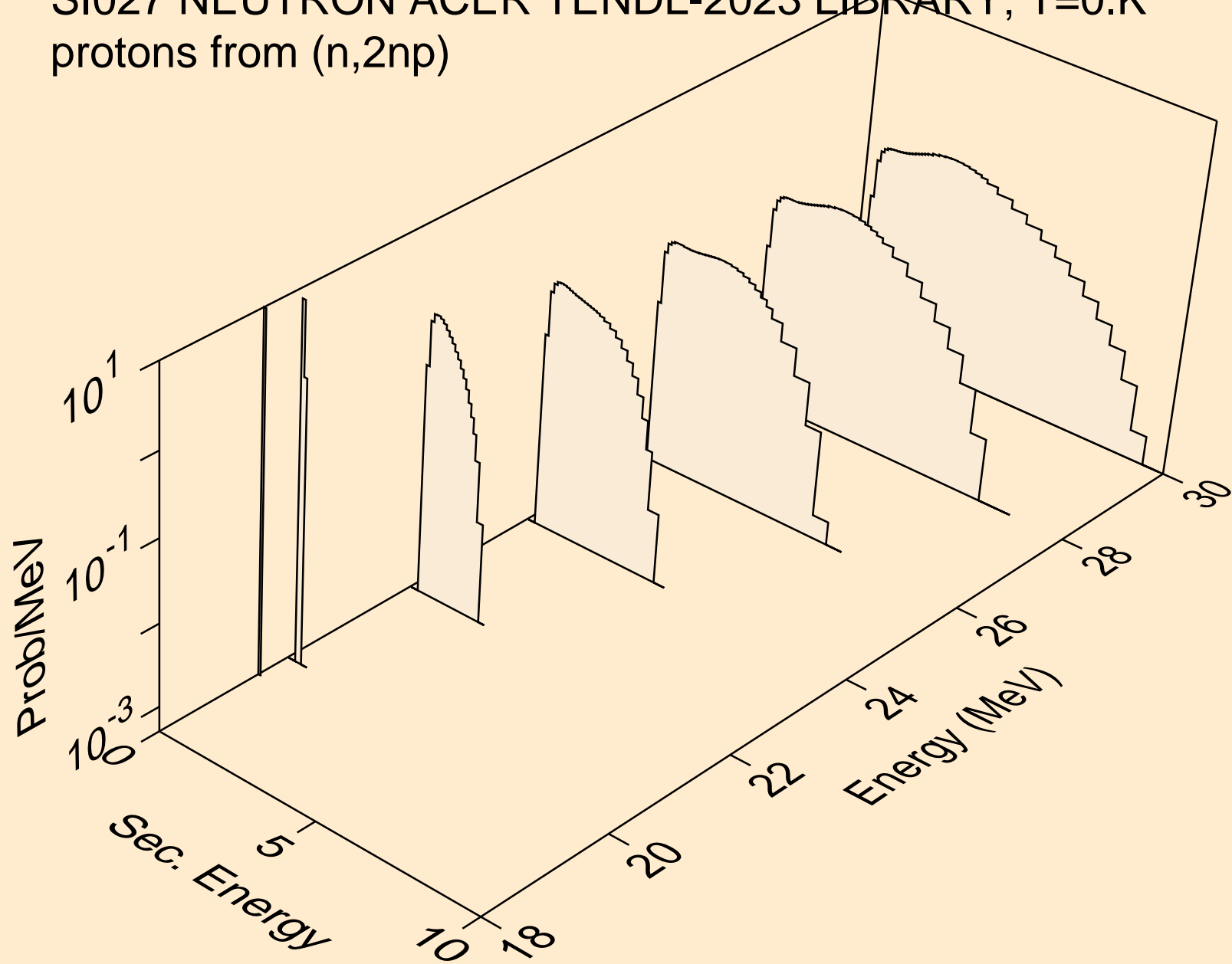
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



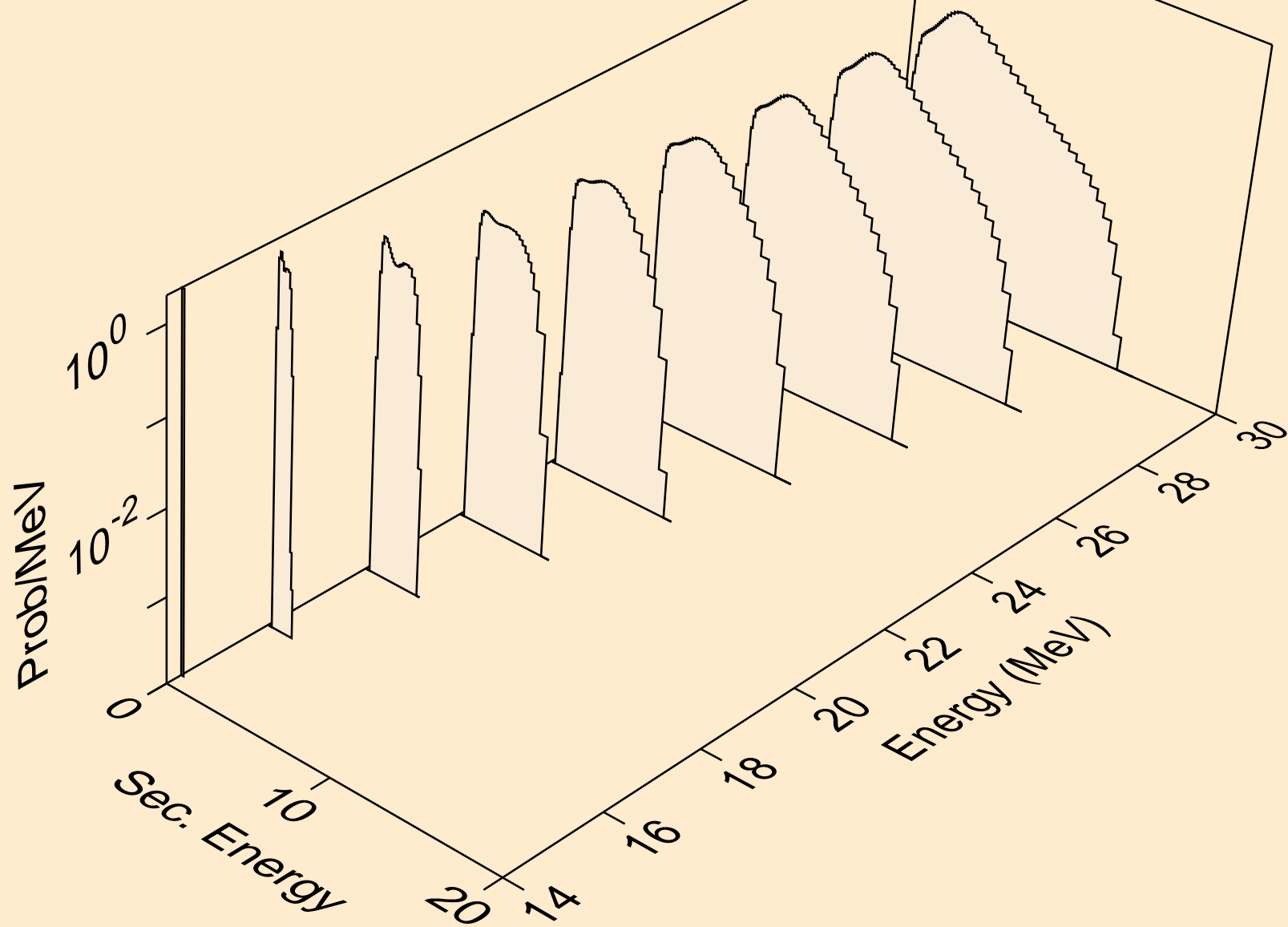
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



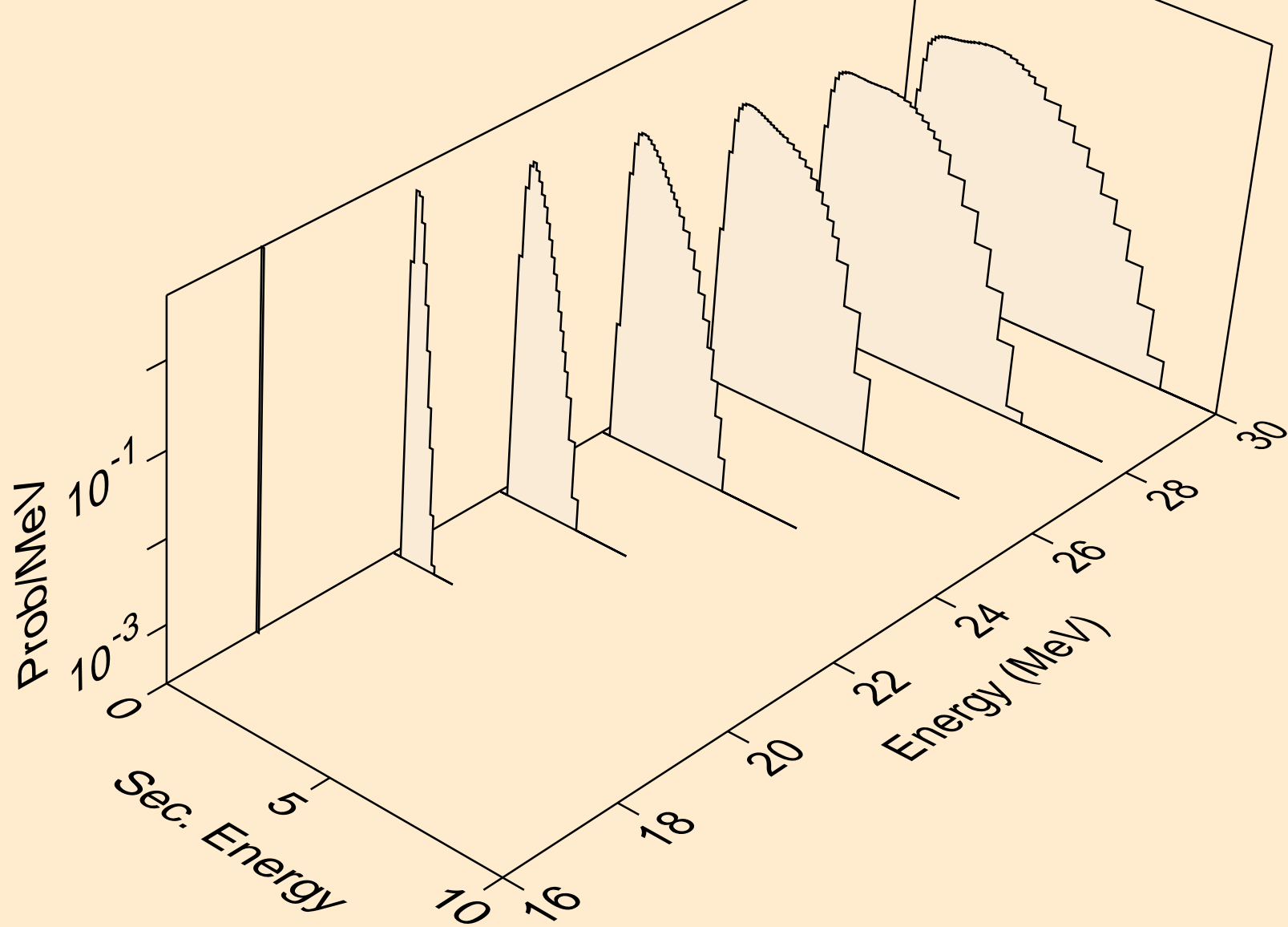
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



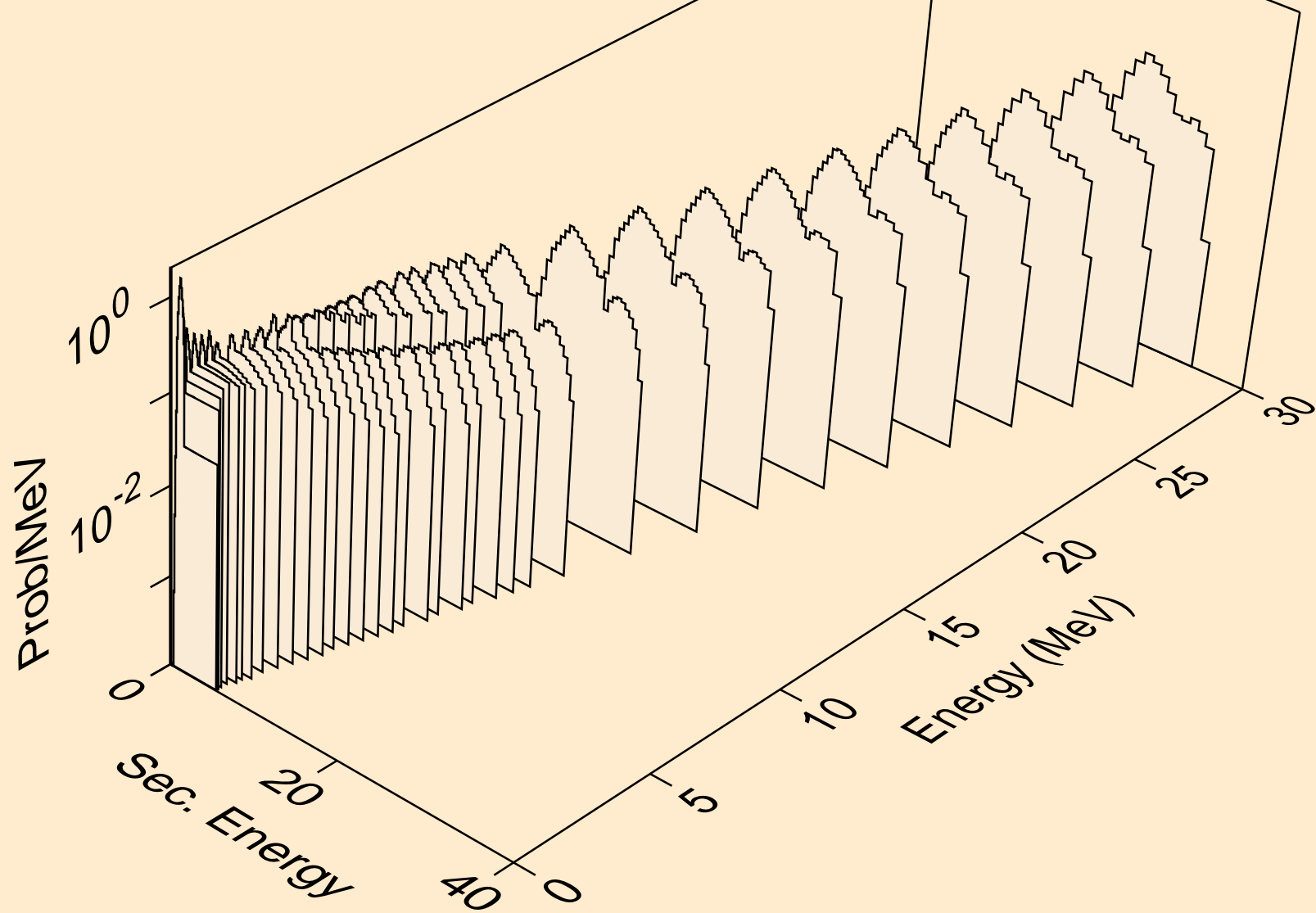
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



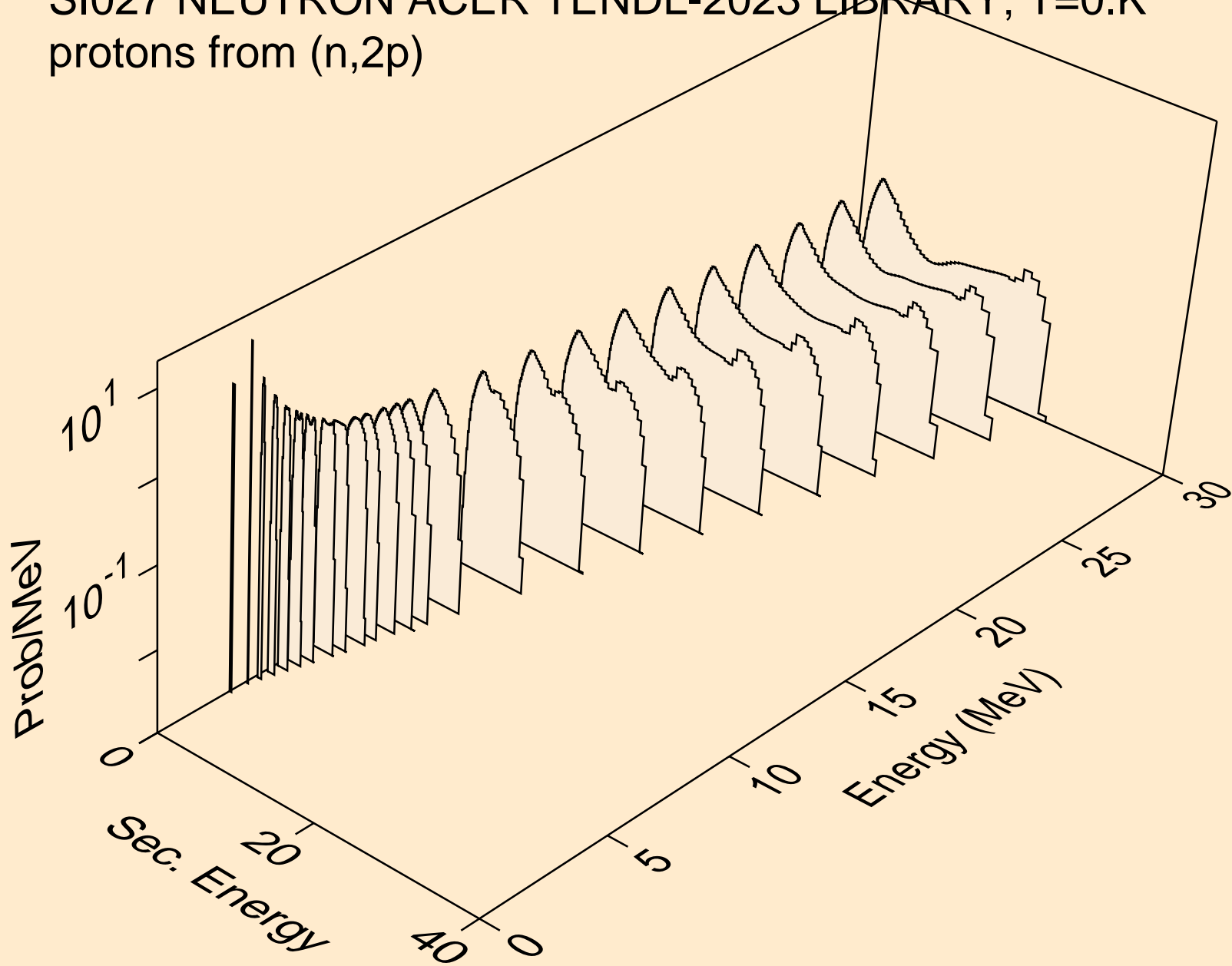
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,npa)



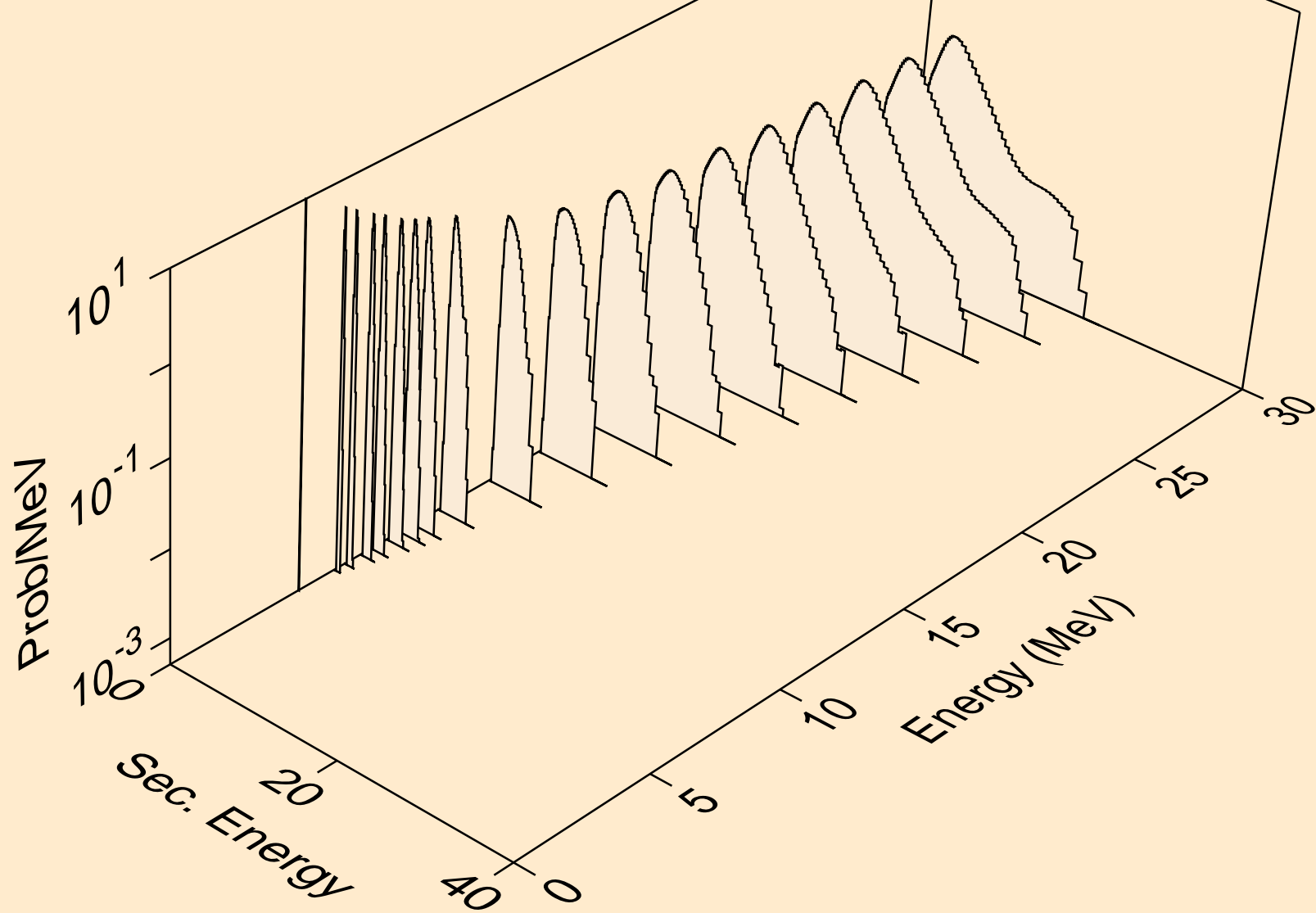
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



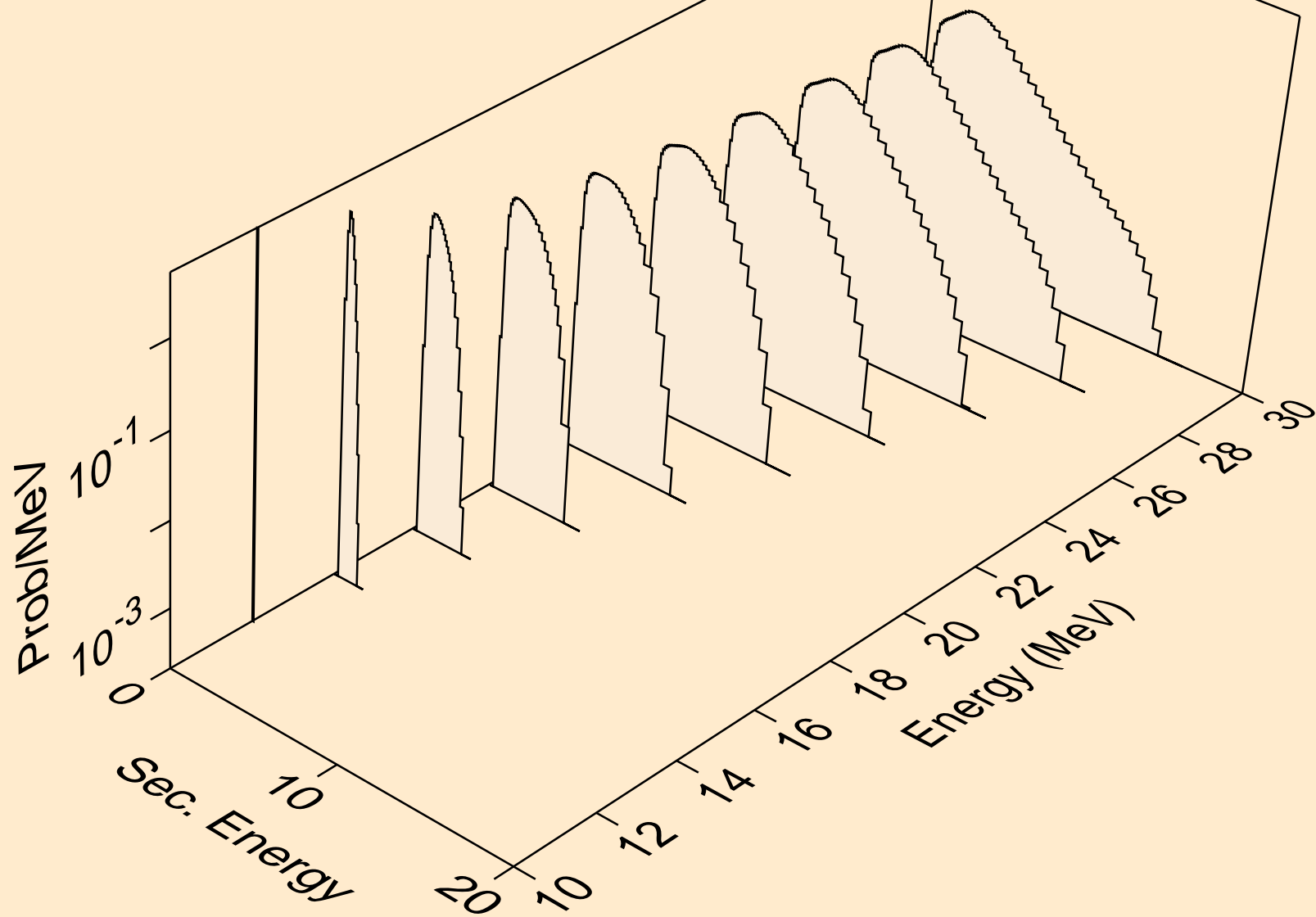
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2p)



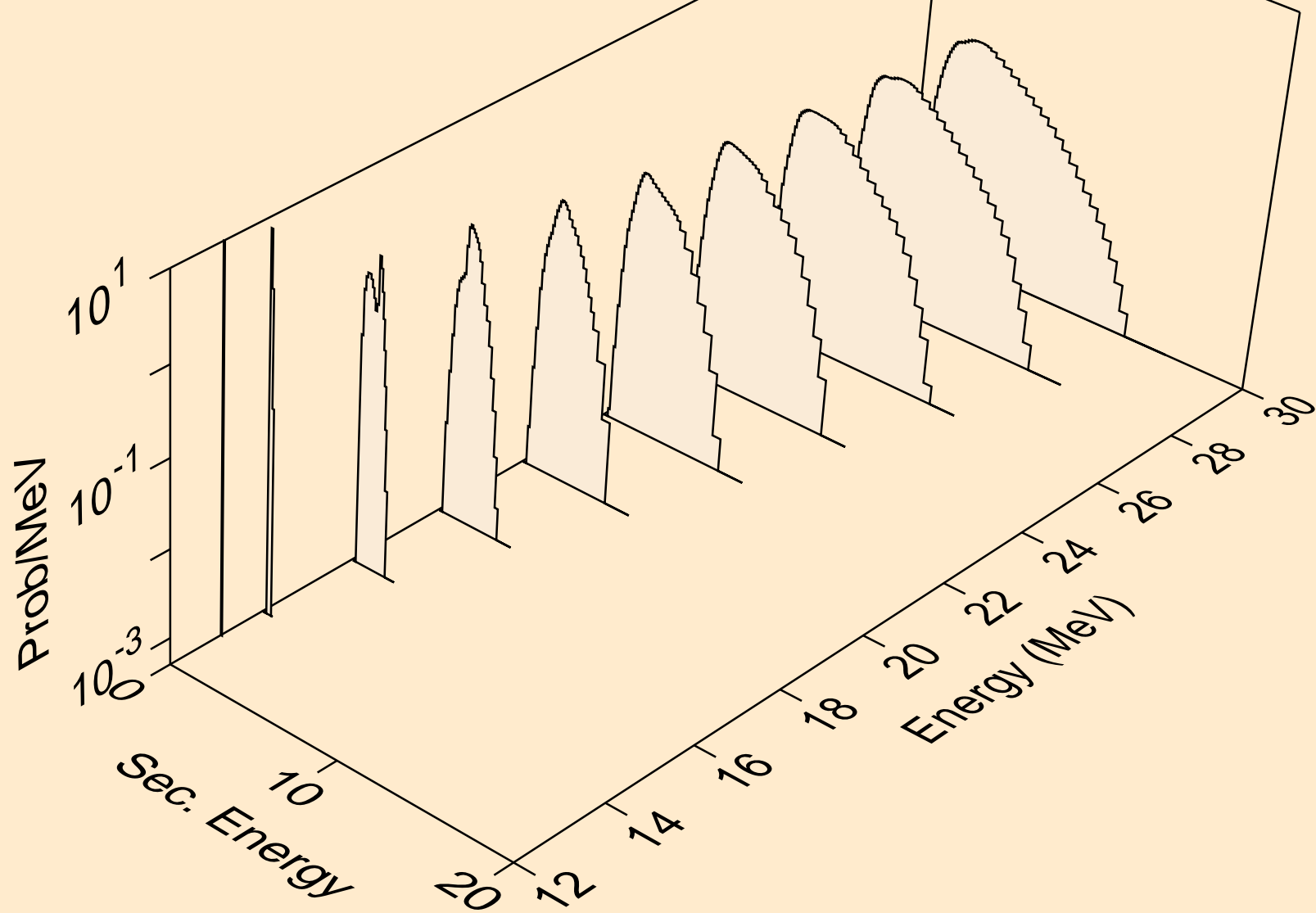
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



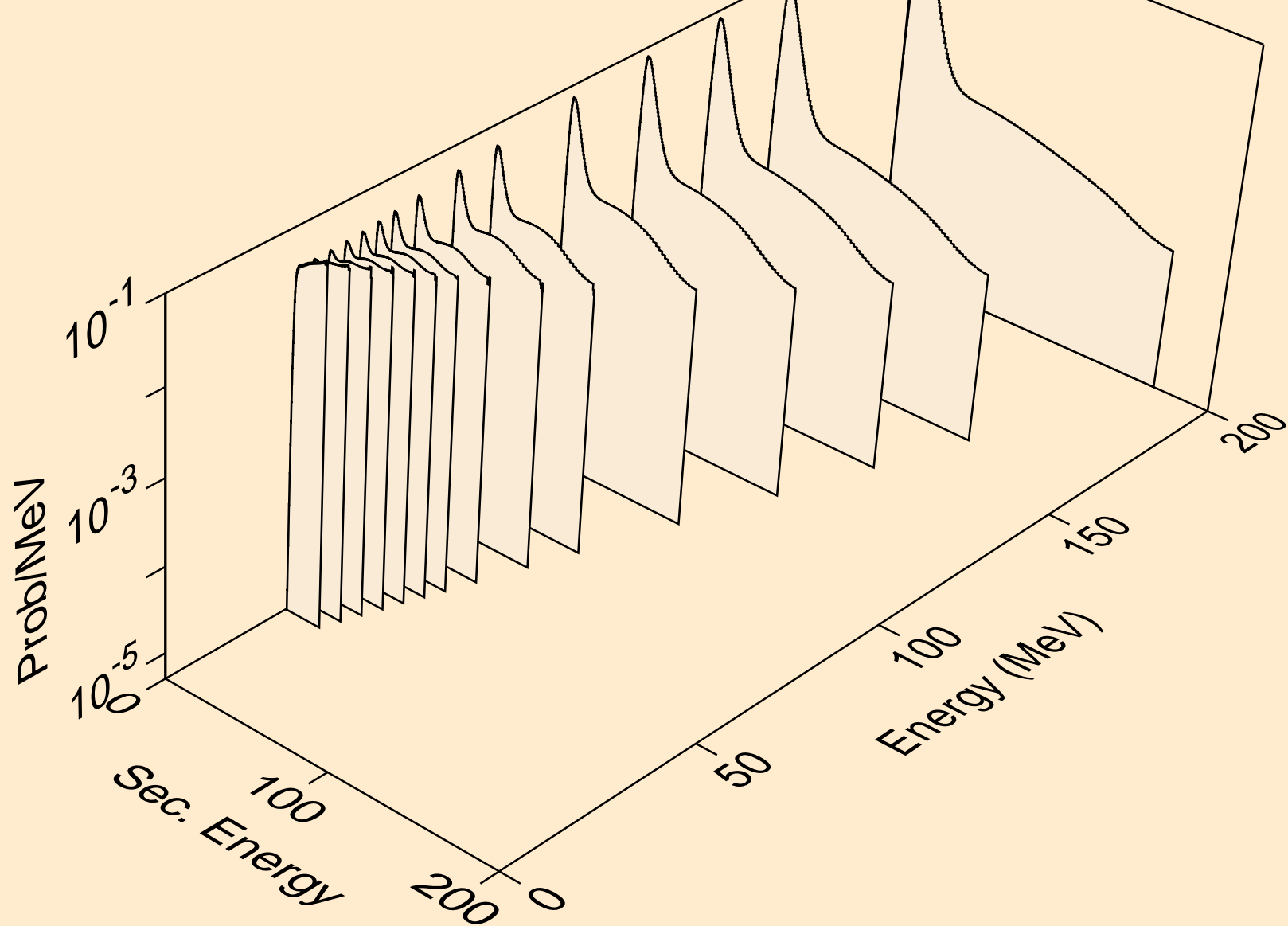
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protons from (n,pd)



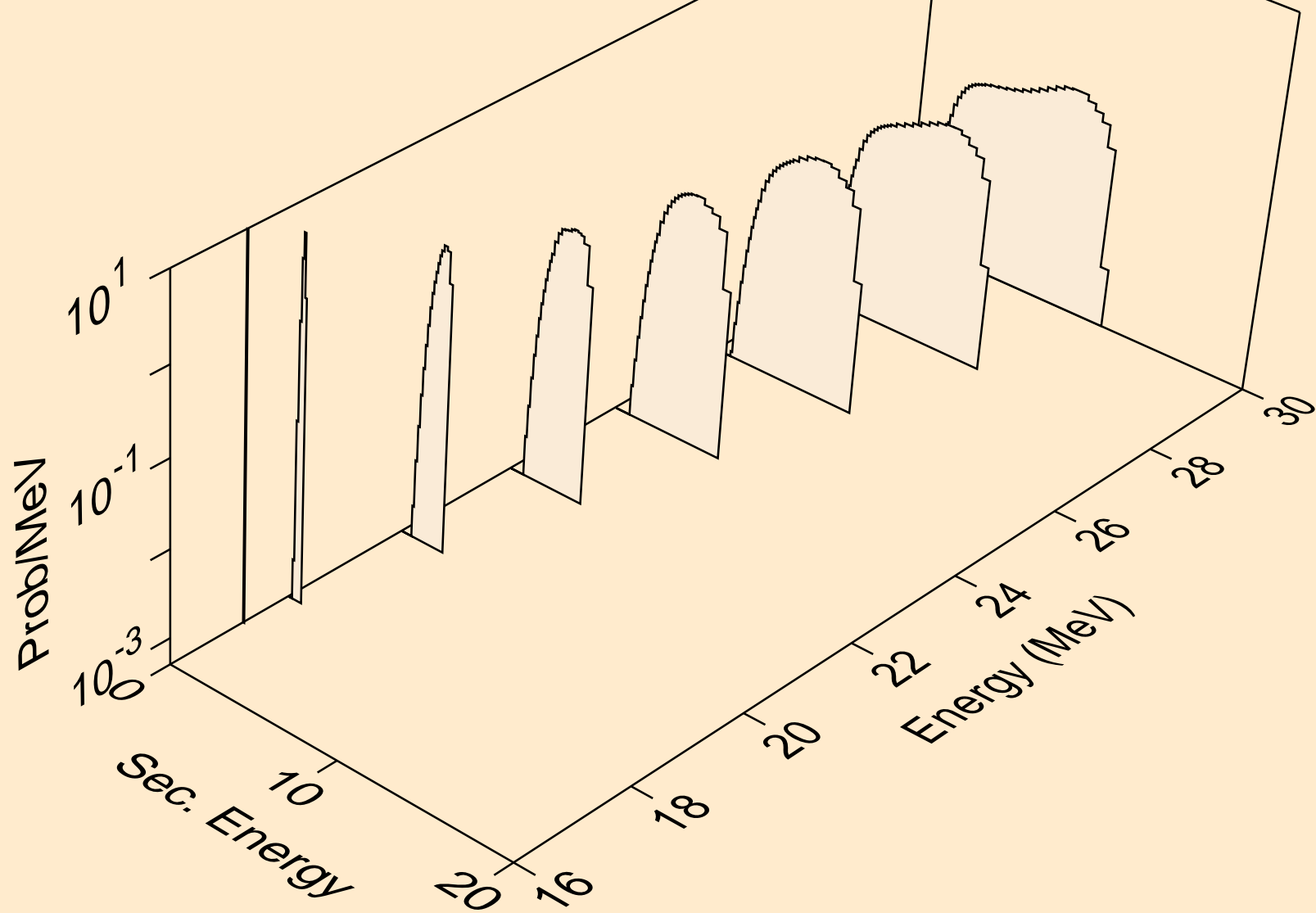
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



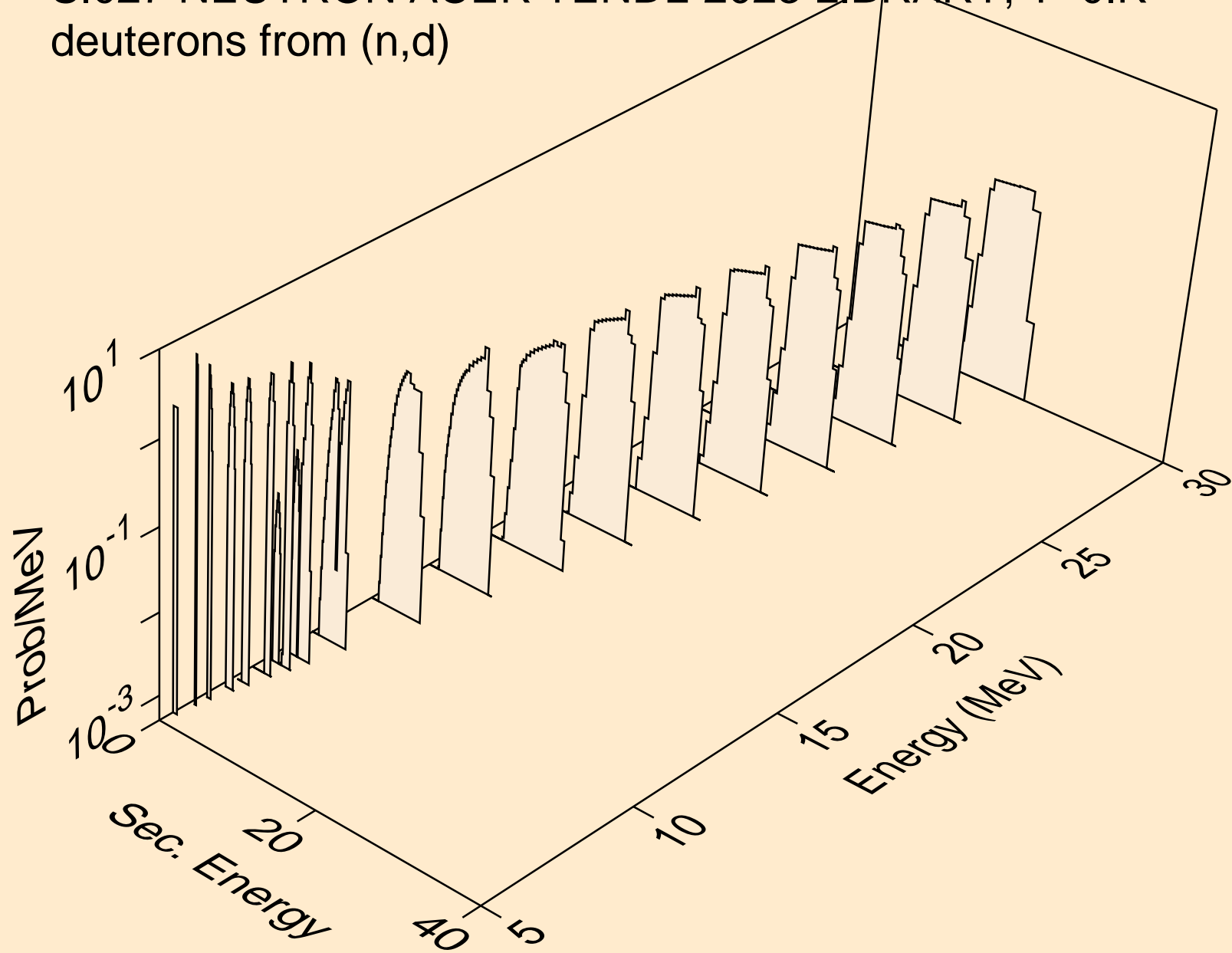
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



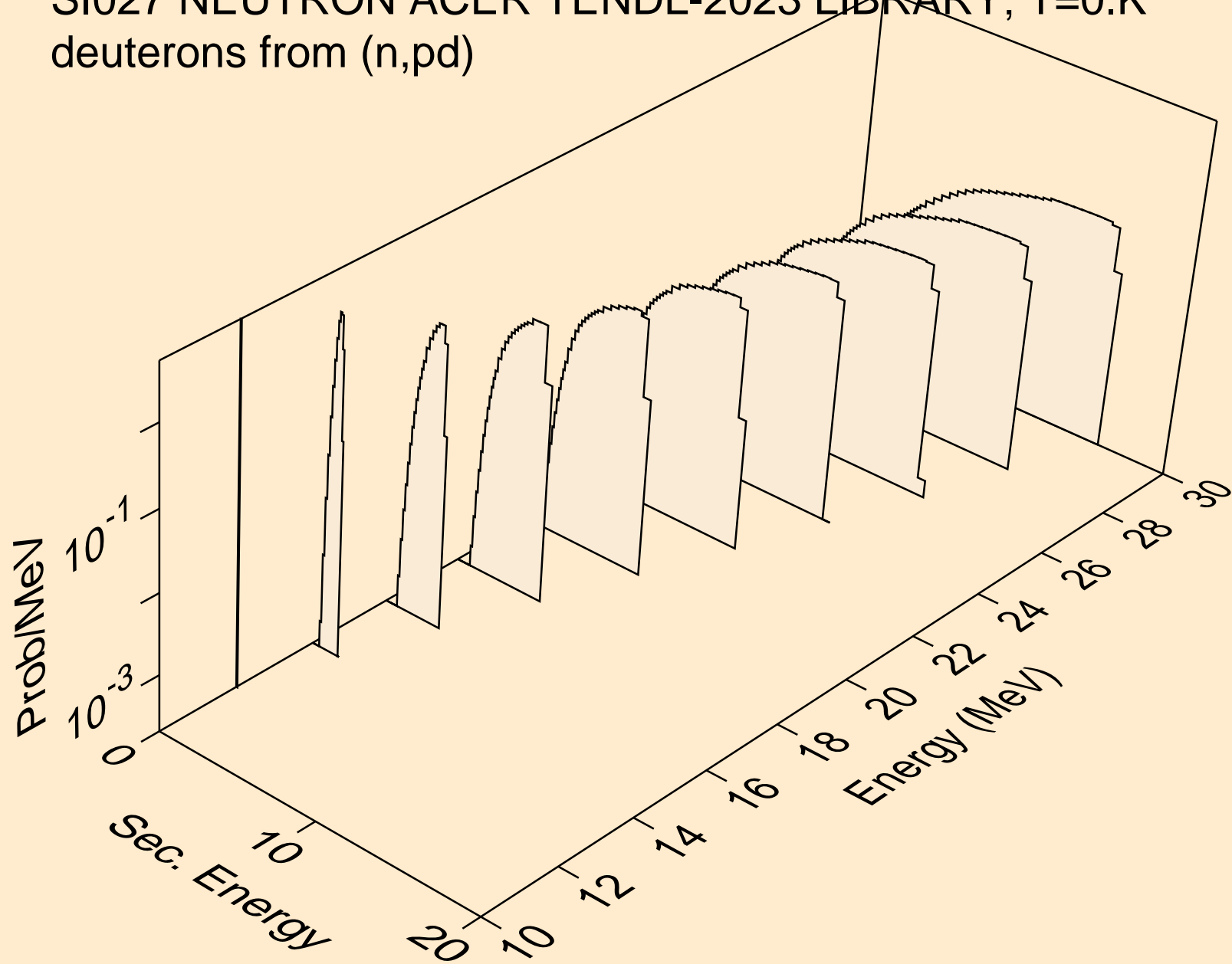
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



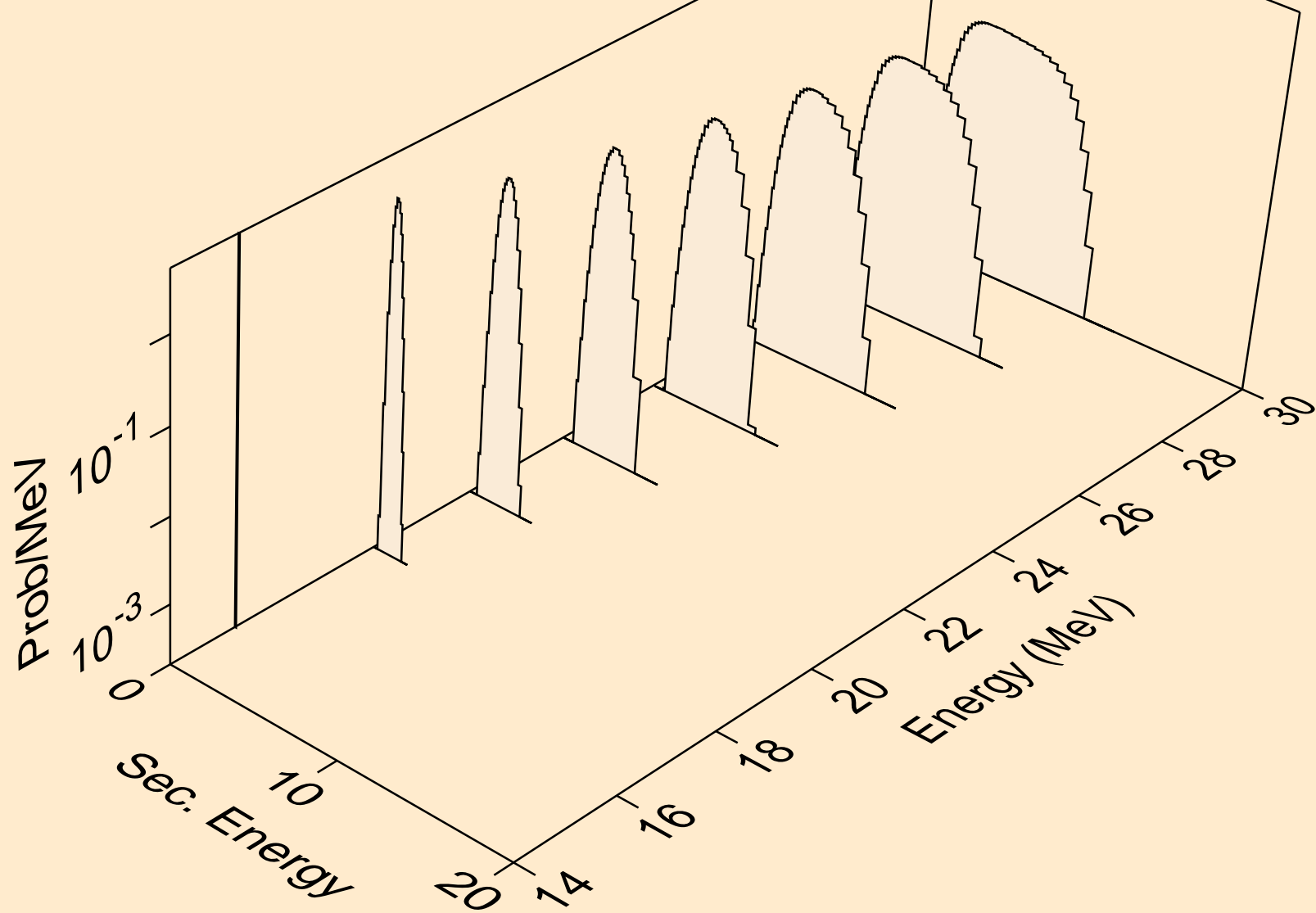
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deuterons from (n,d)



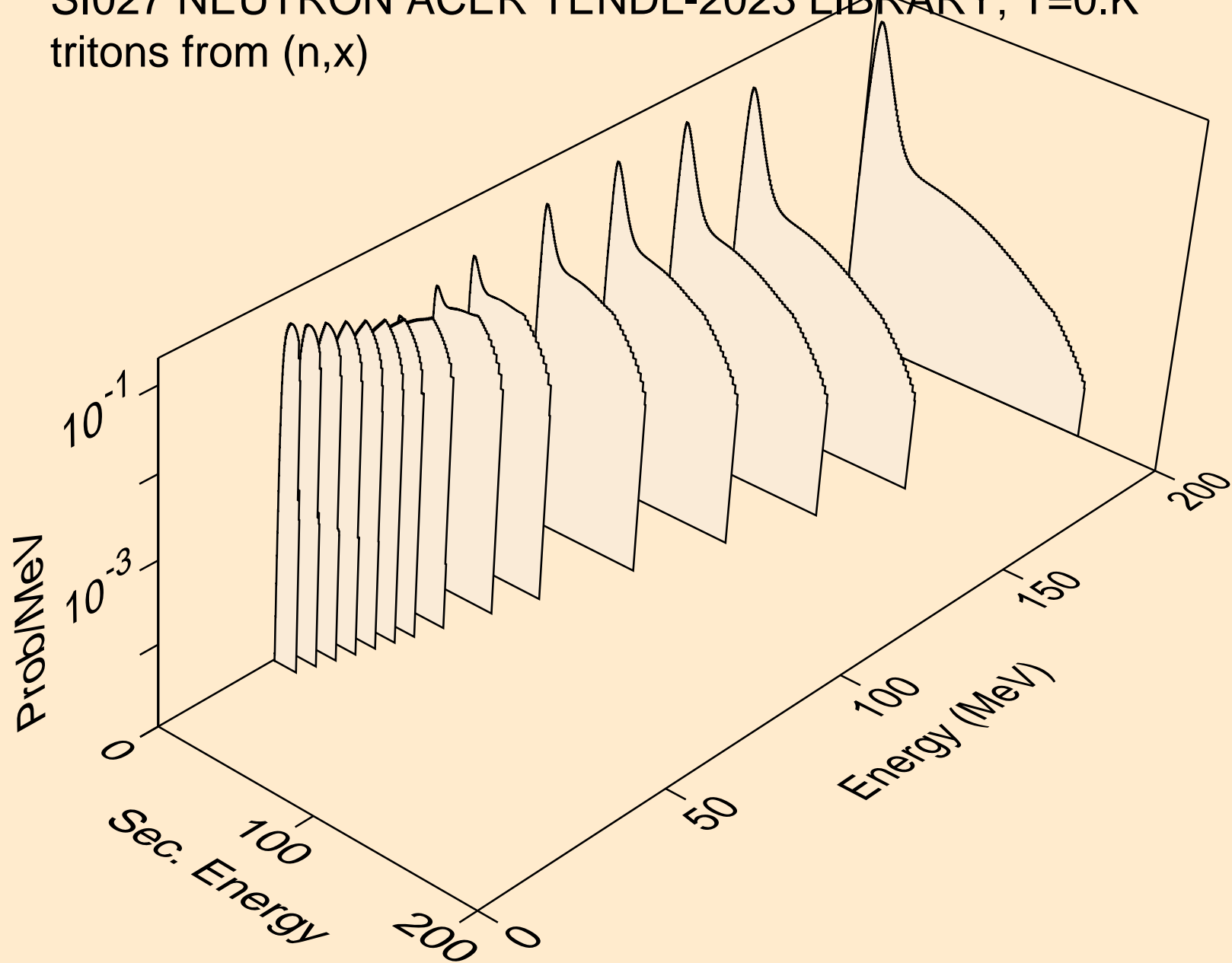
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deuterons from (n,pd)



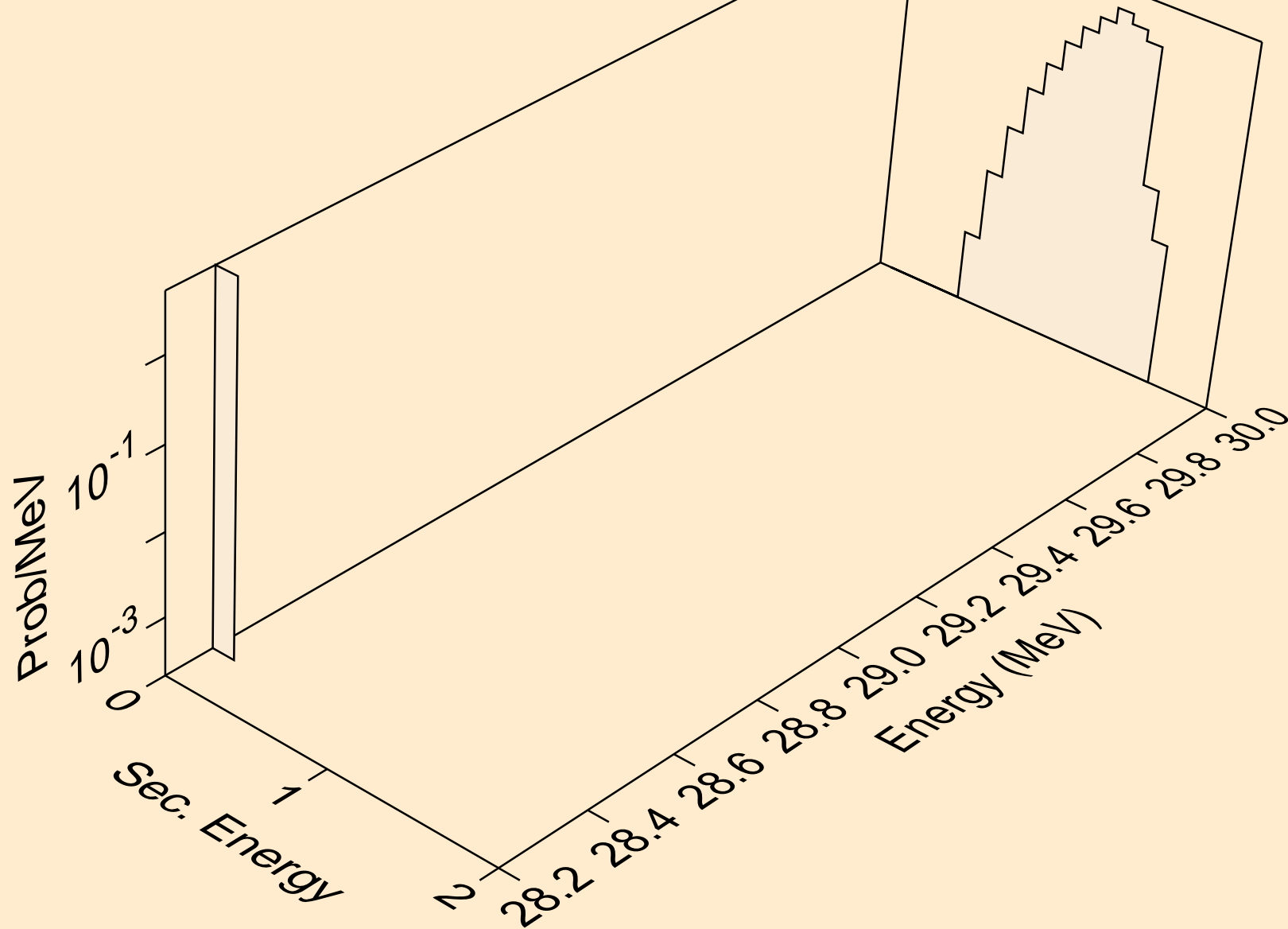
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)



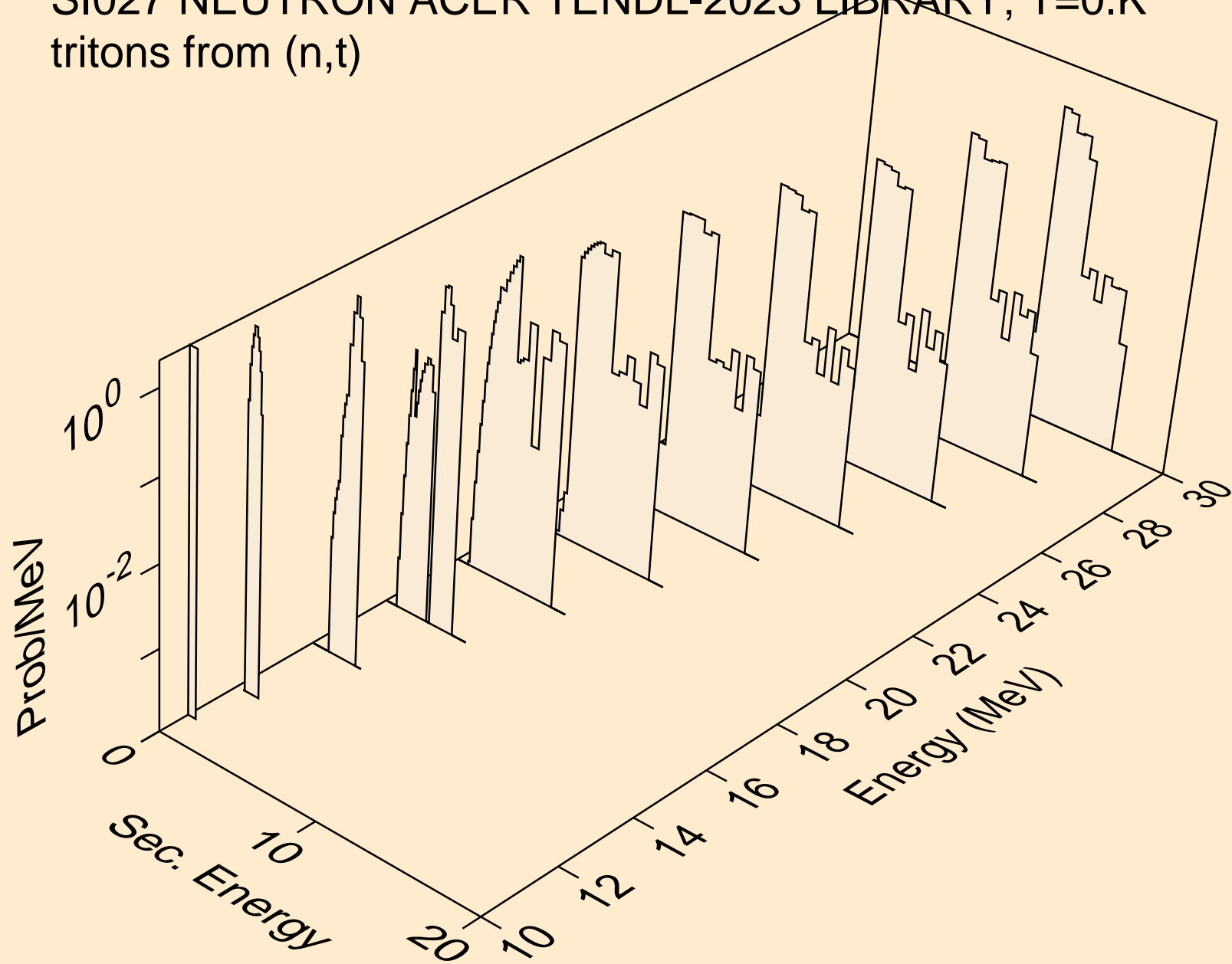
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



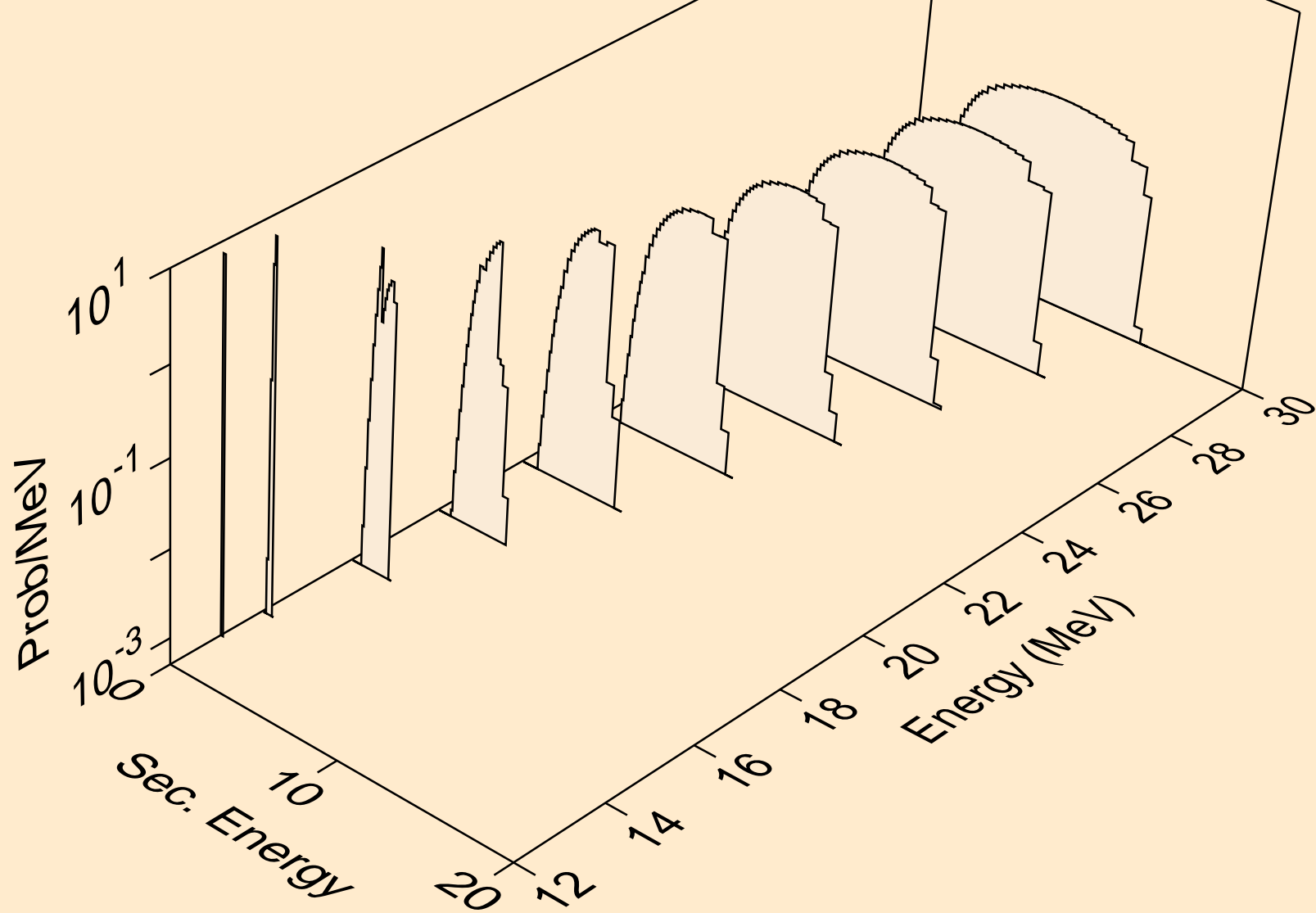
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



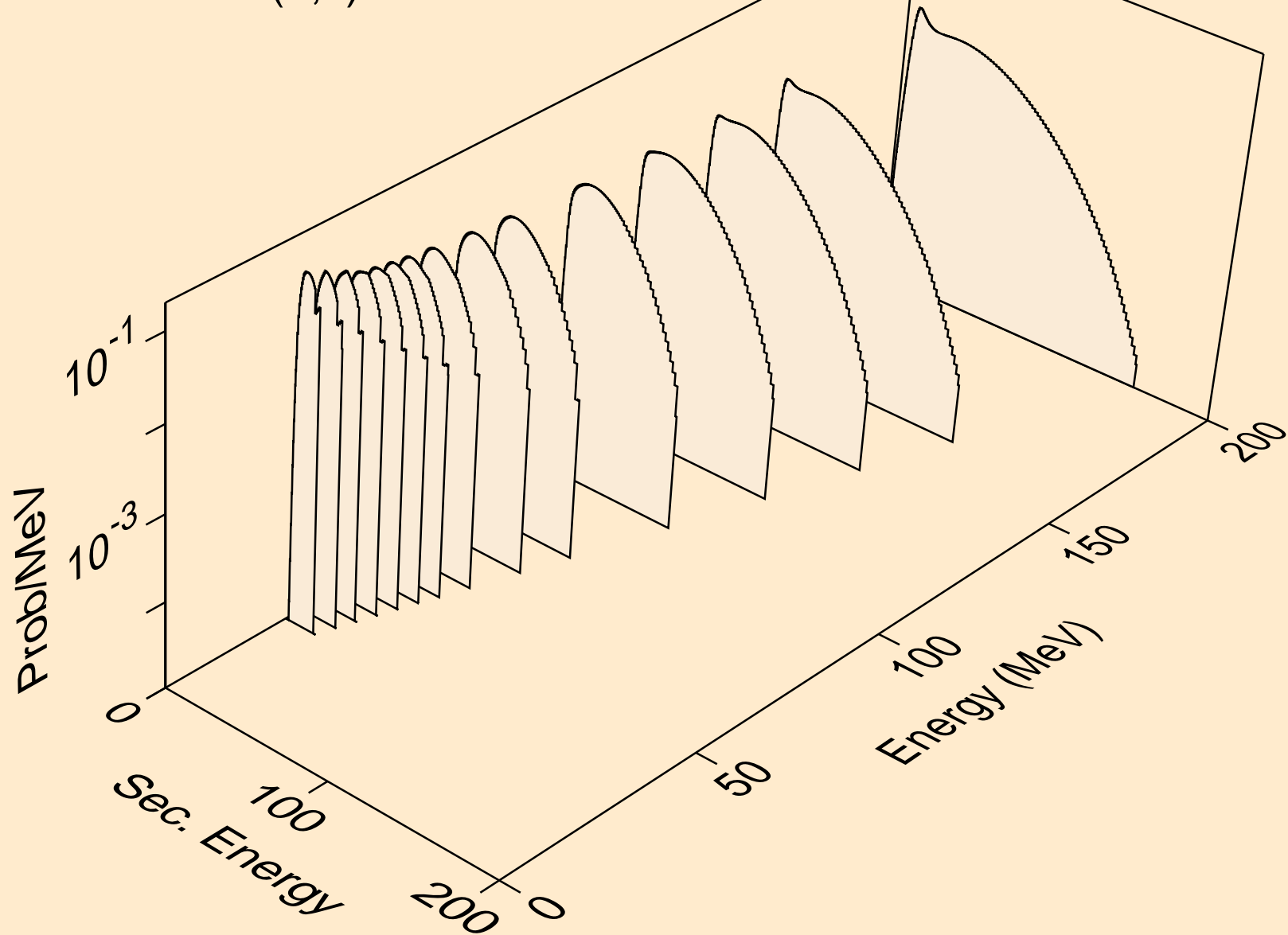
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tritons from (n,t)



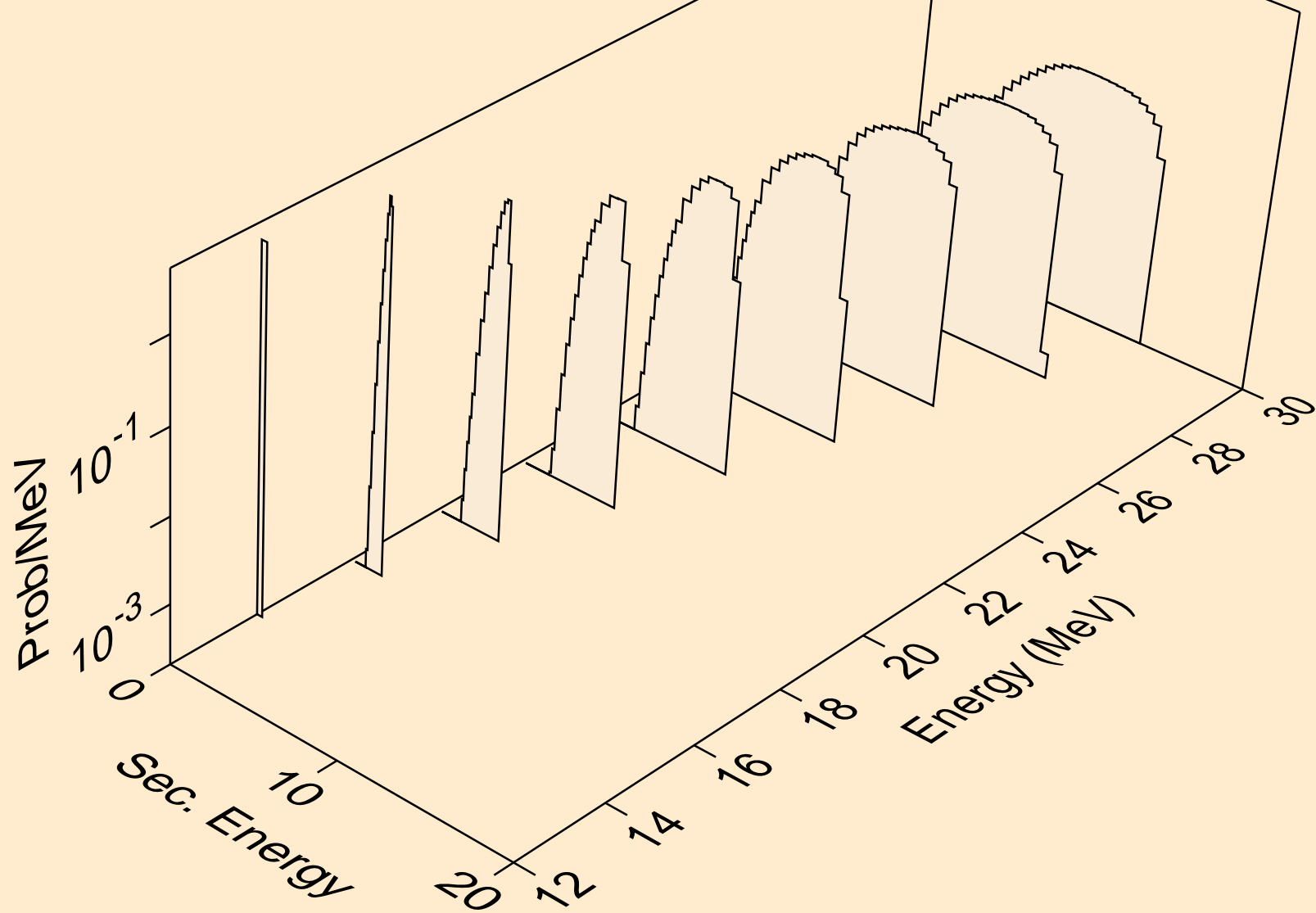
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



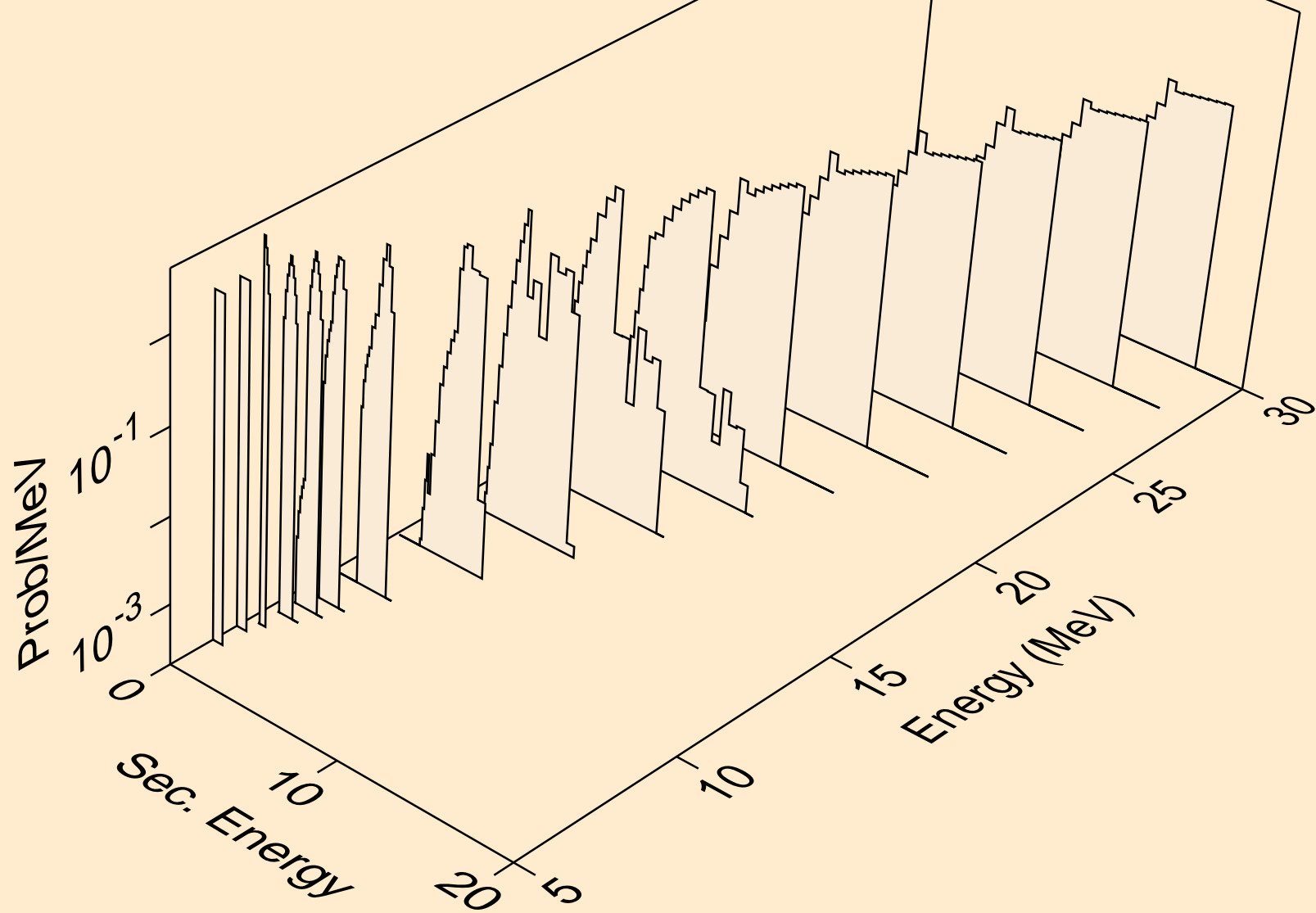
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he3s from (n,x)



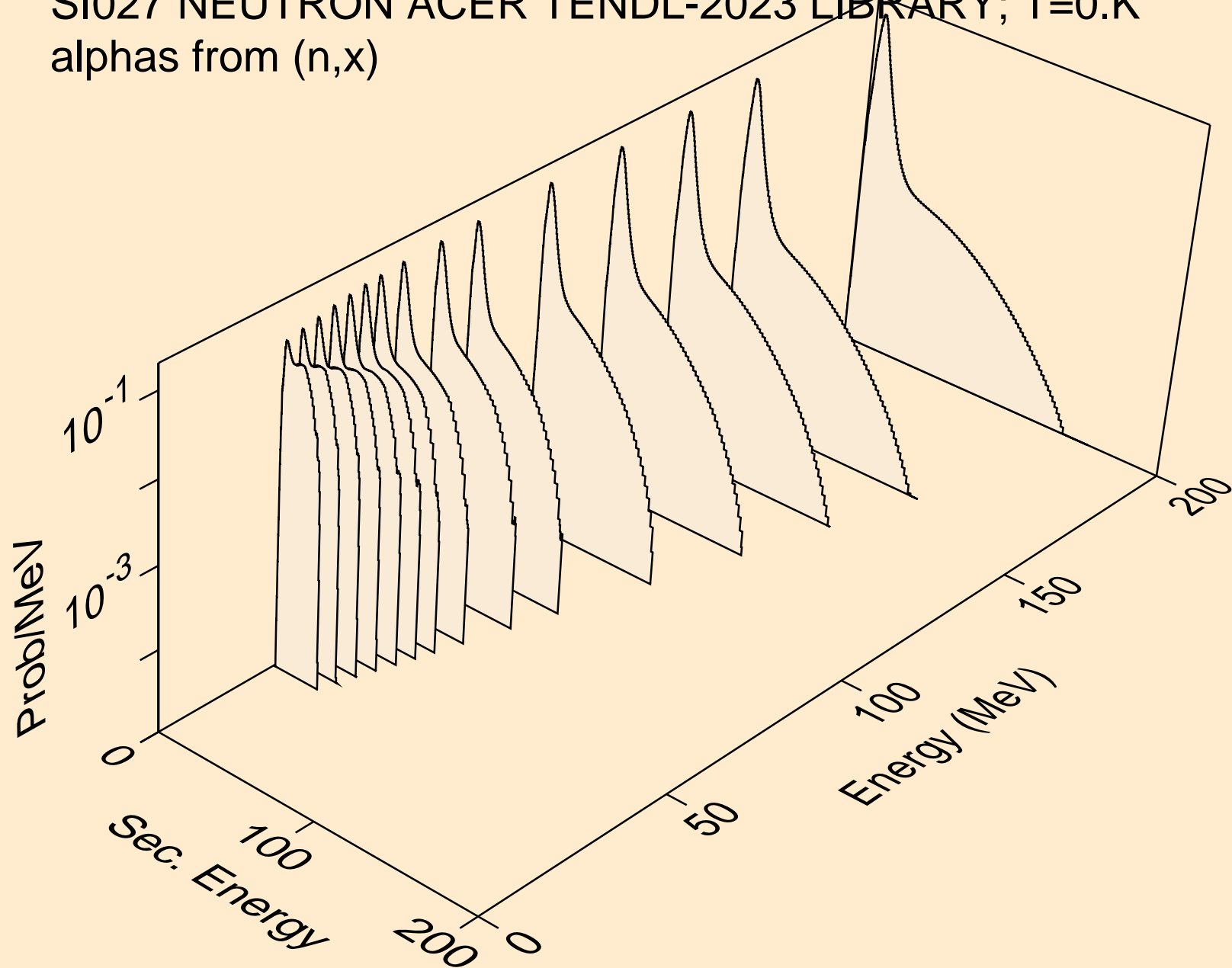
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he3s from (n,n*)he3



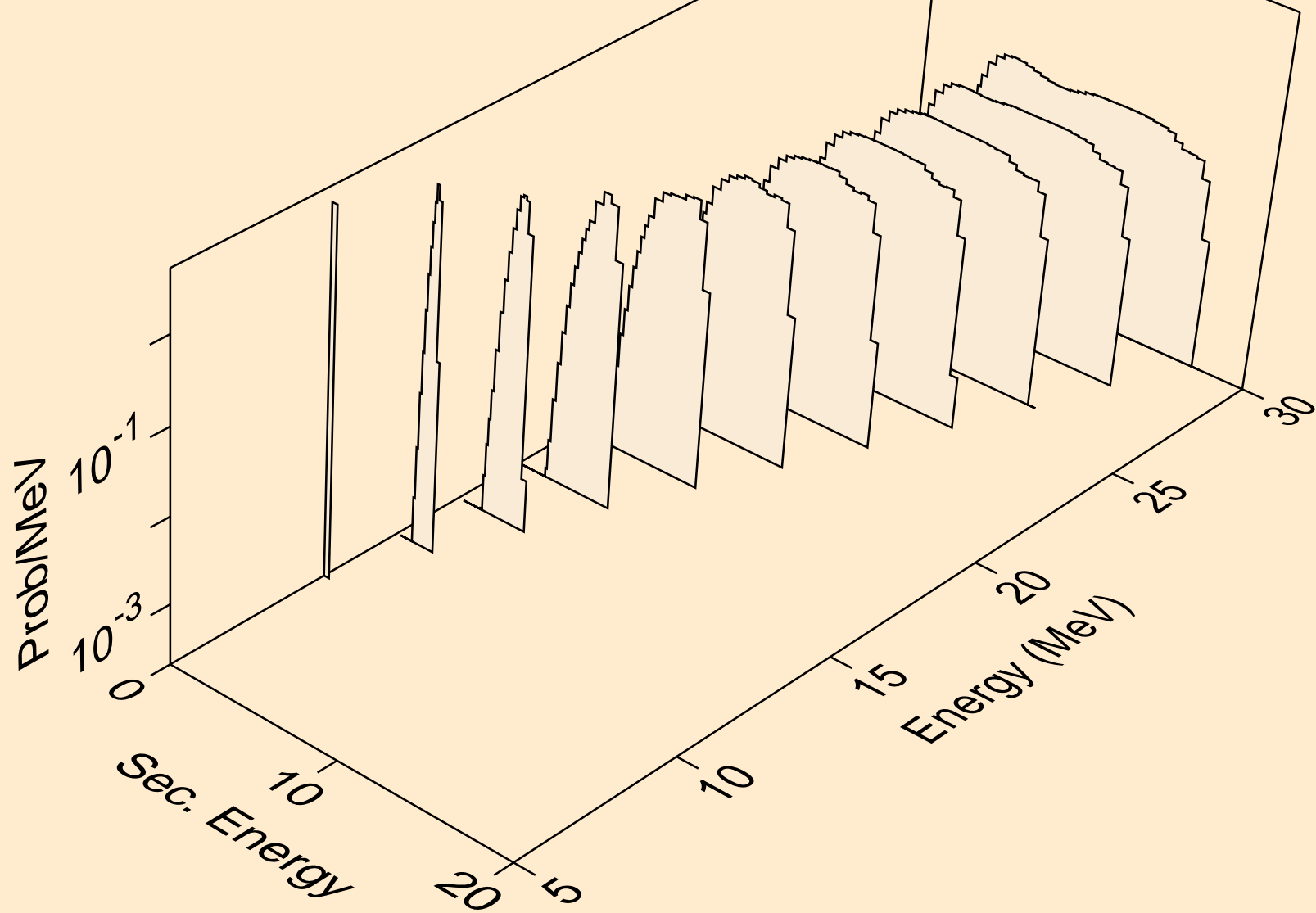
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he3s from (n,he3)



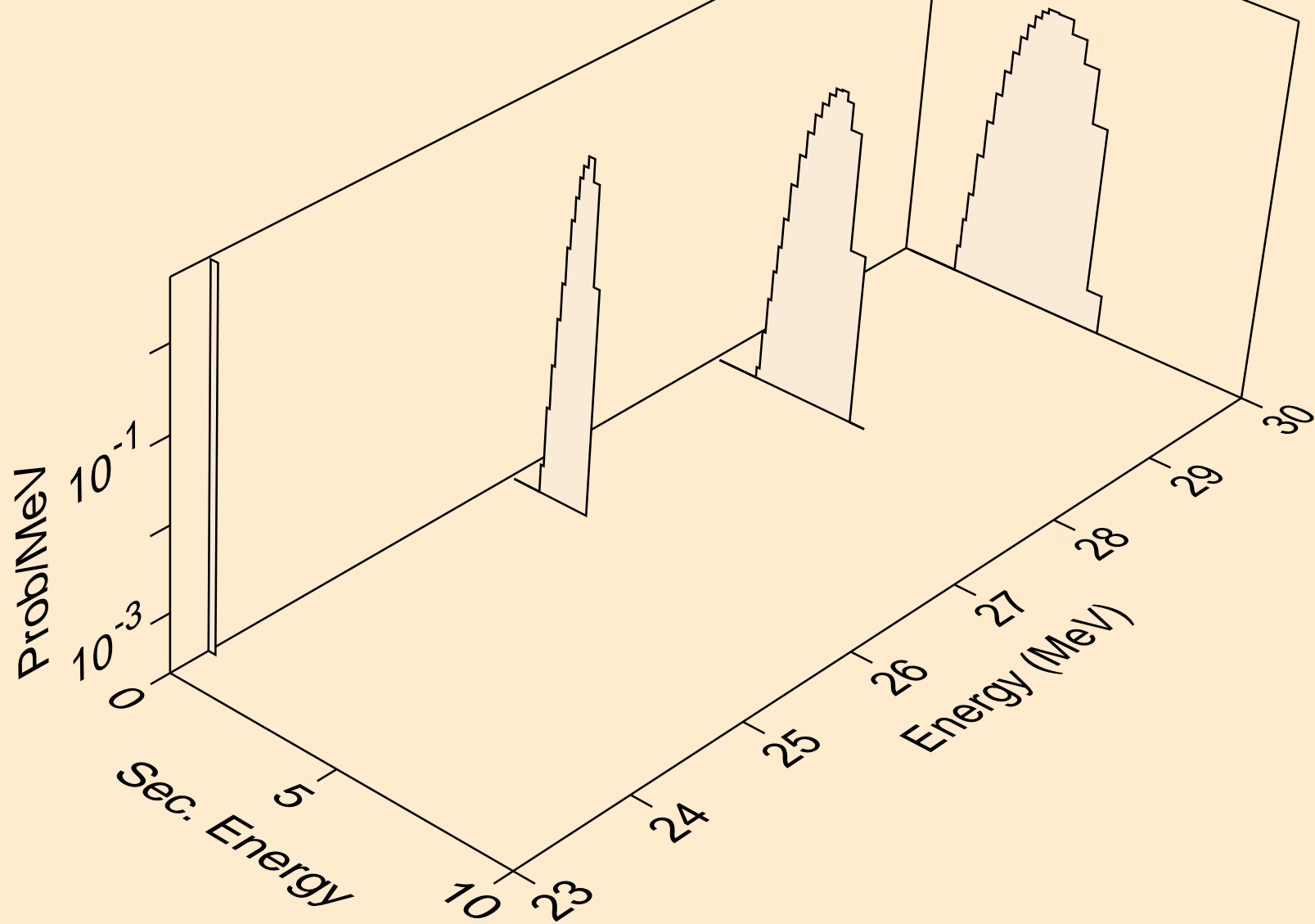
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



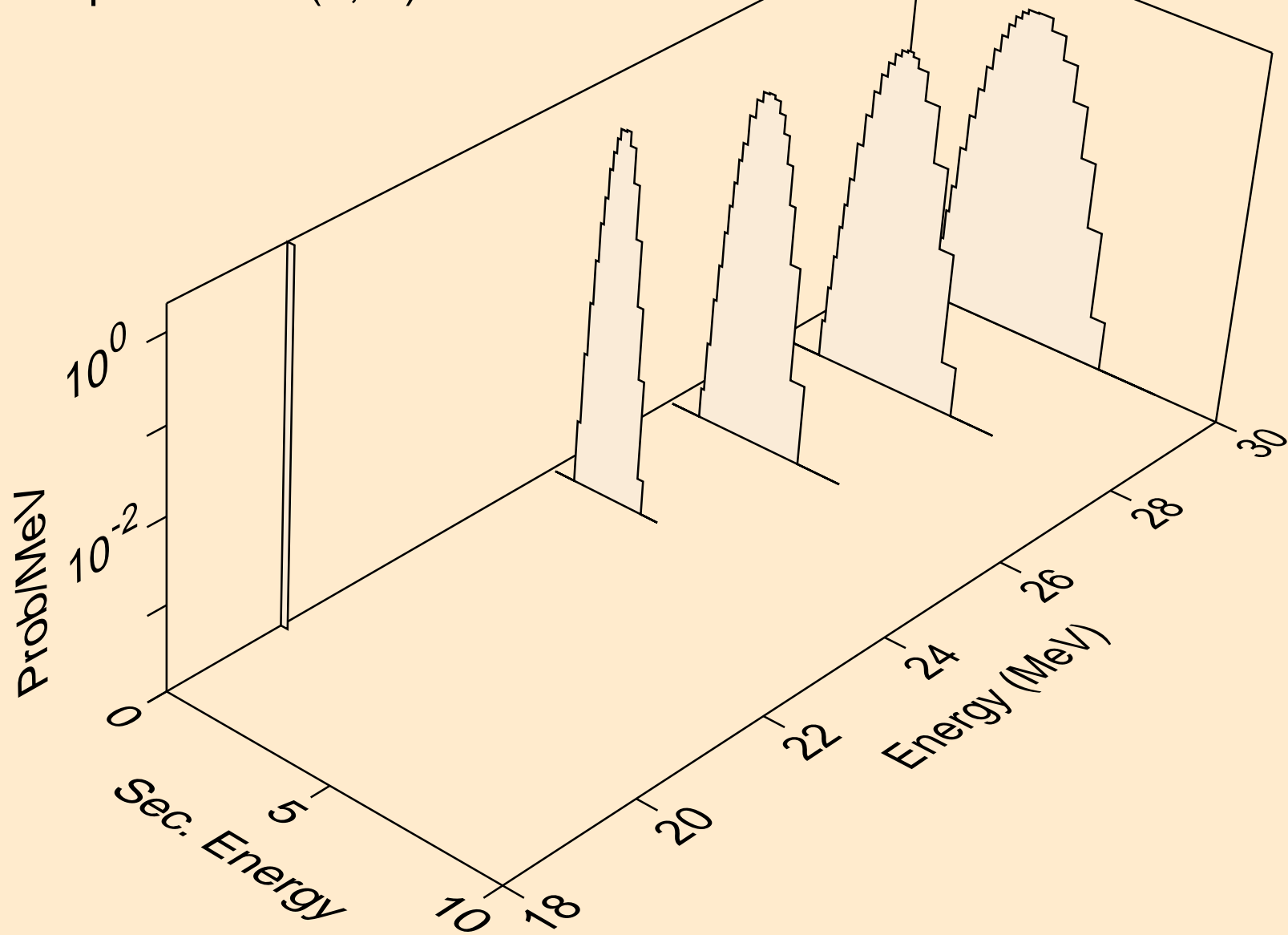
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



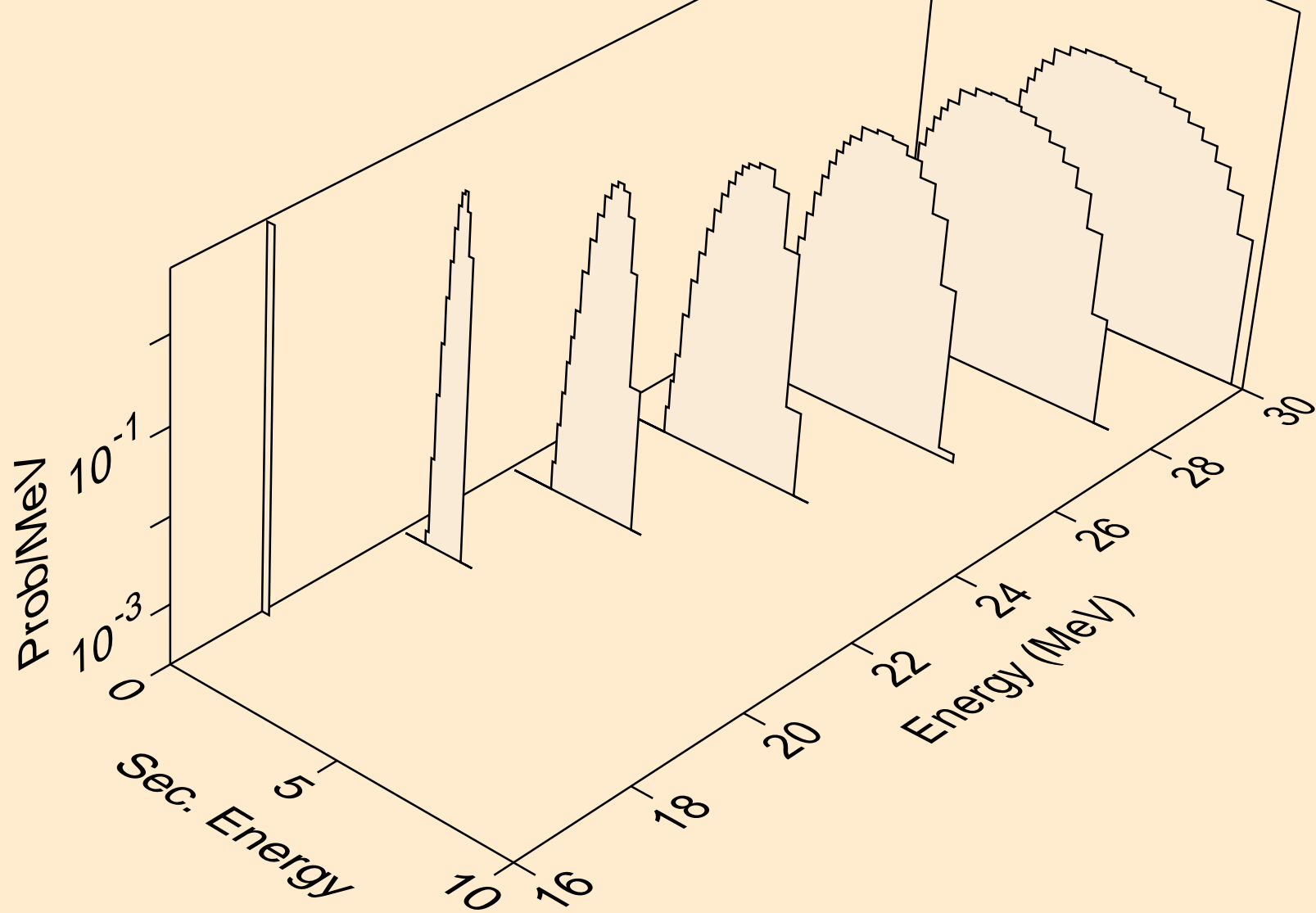
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alphas from (n,2n)a



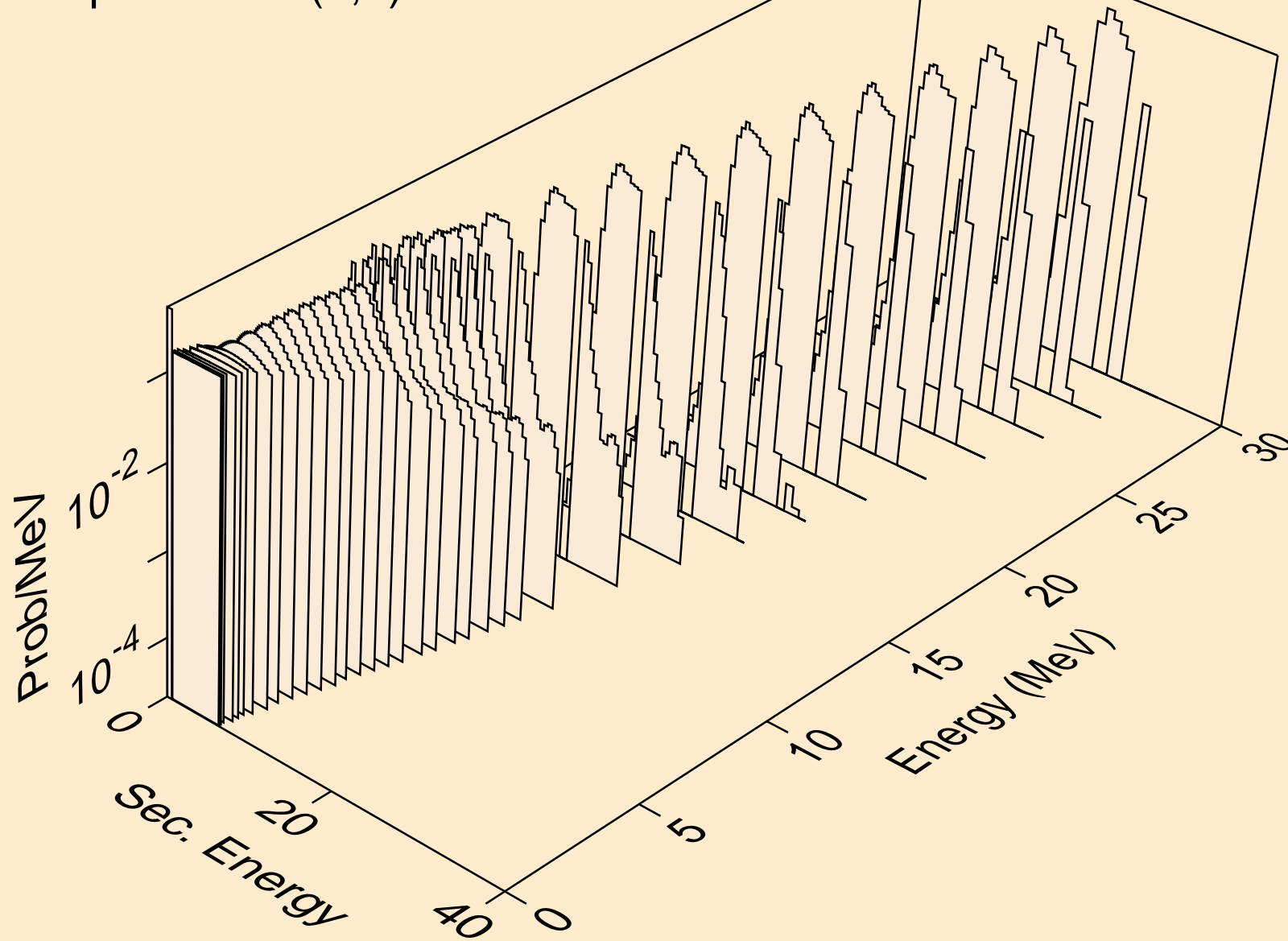
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



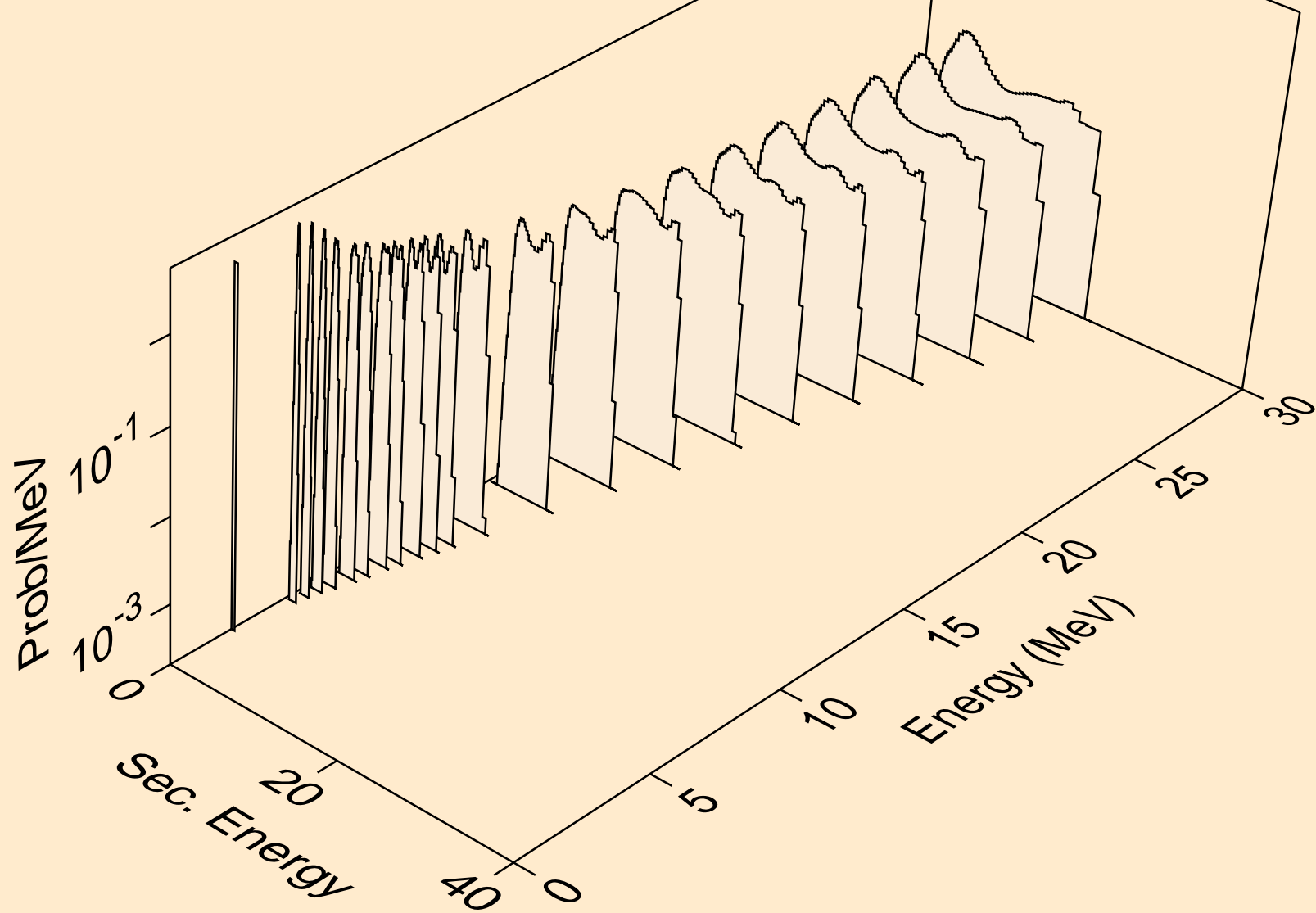
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



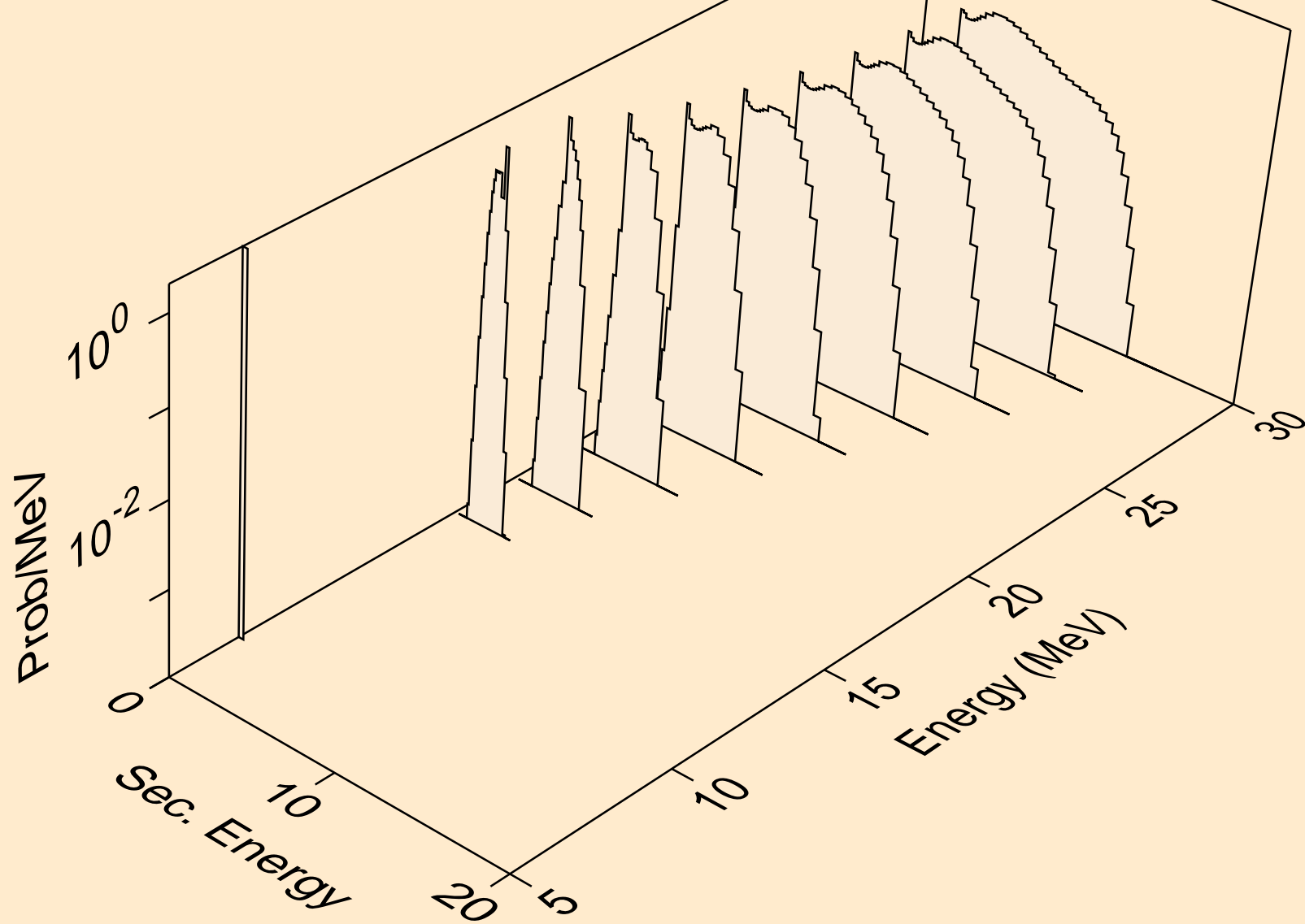
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



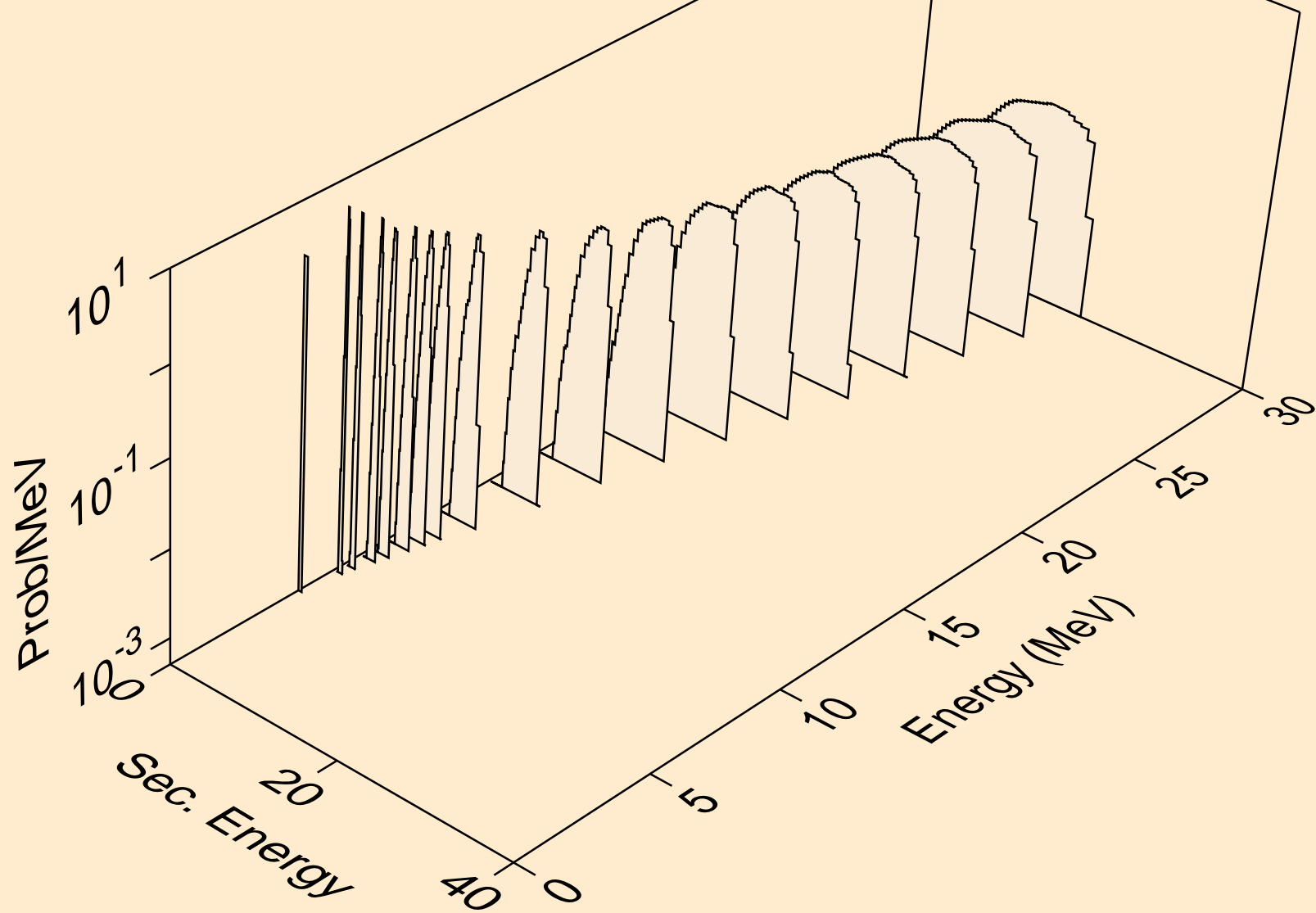
SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



SI027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

