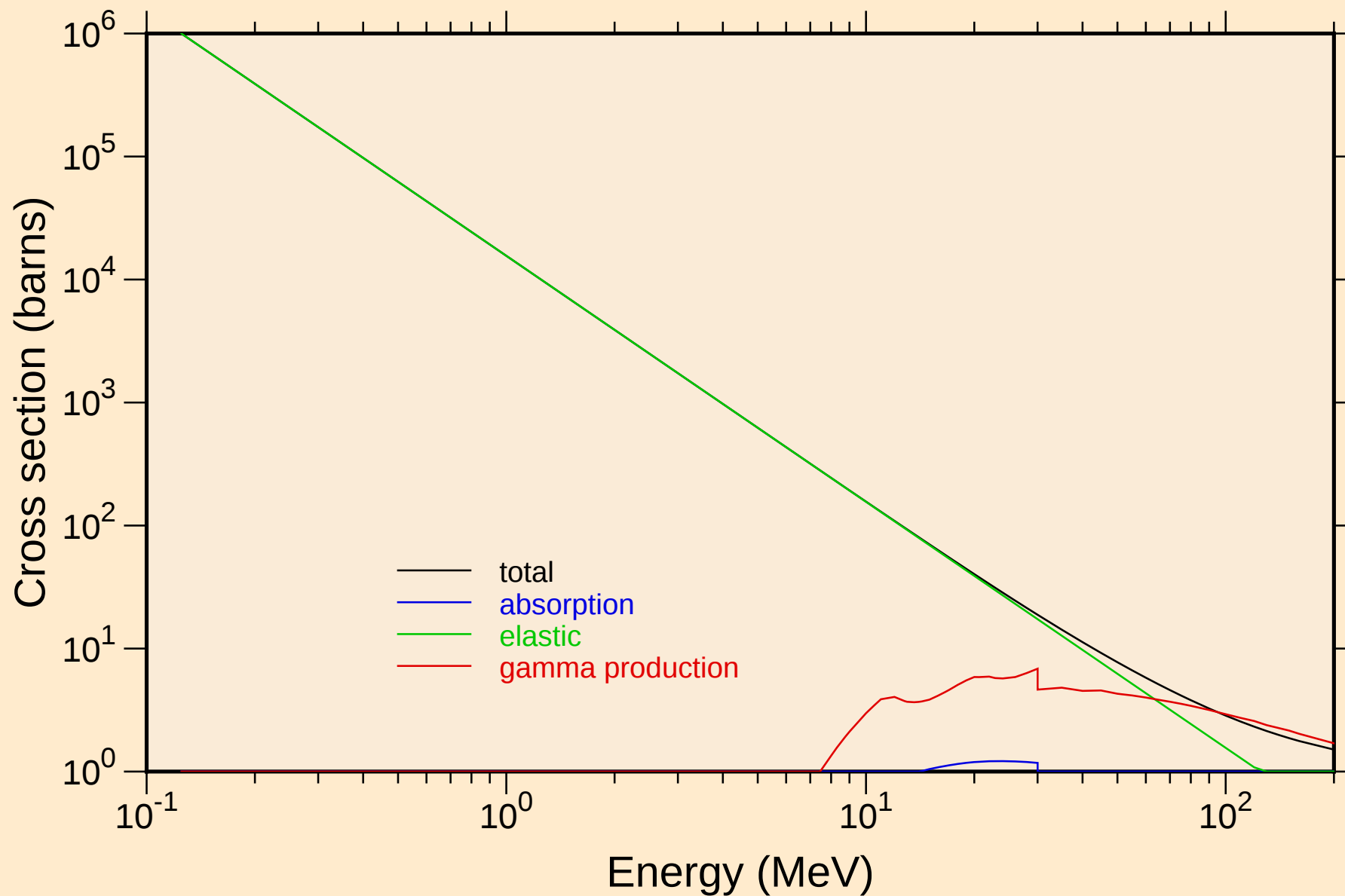


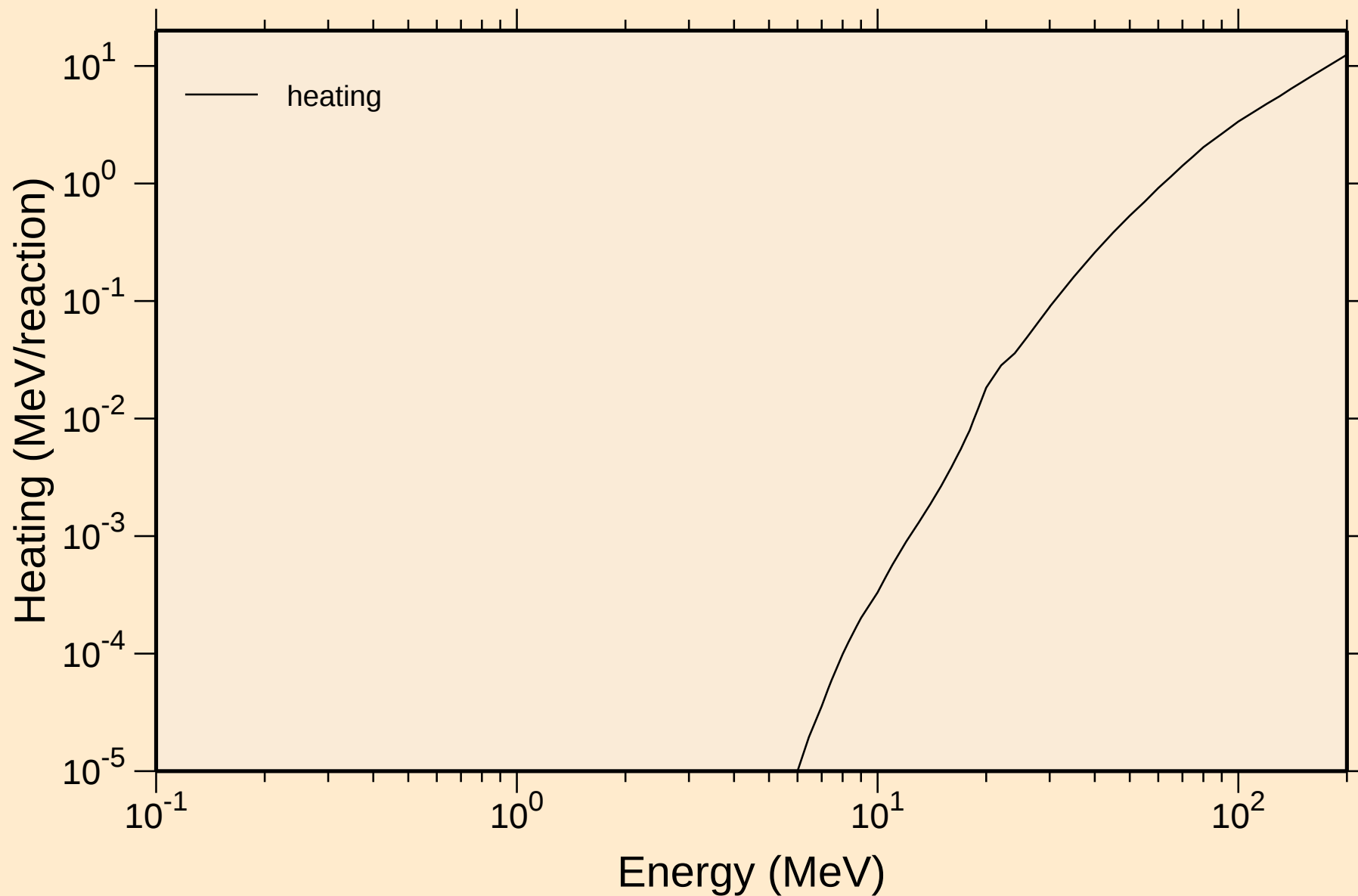
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



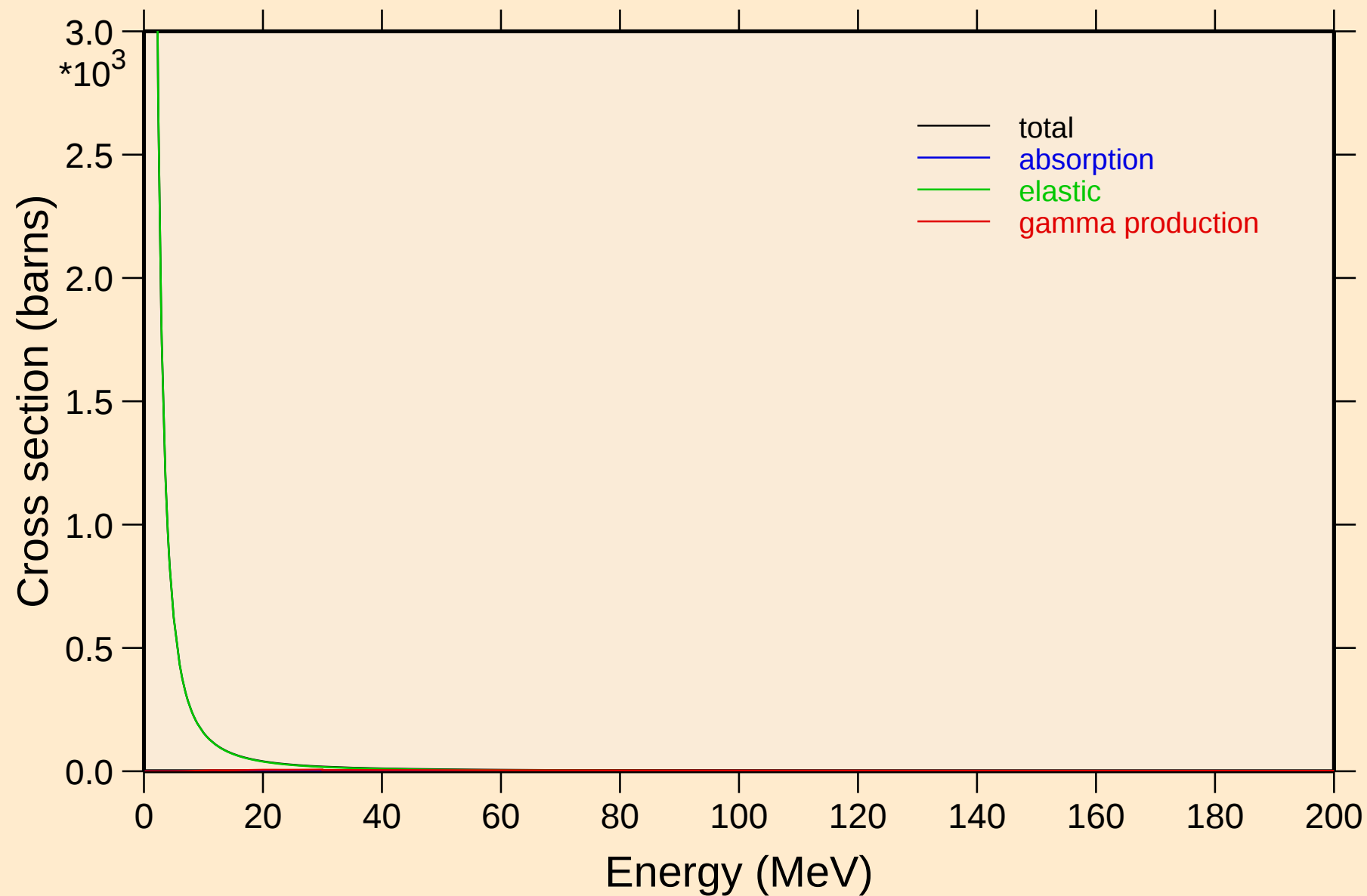
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



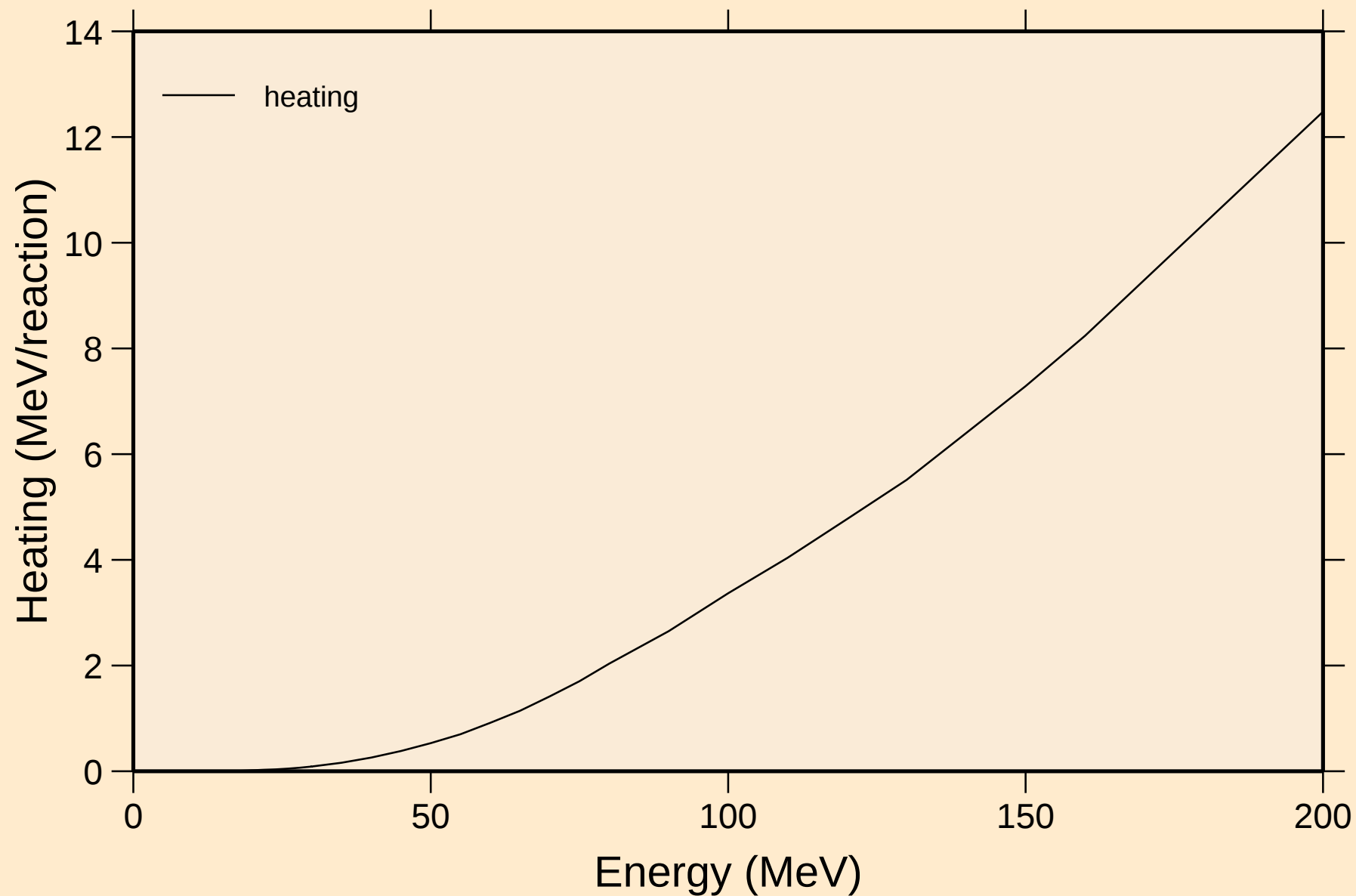
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Principal cross sections



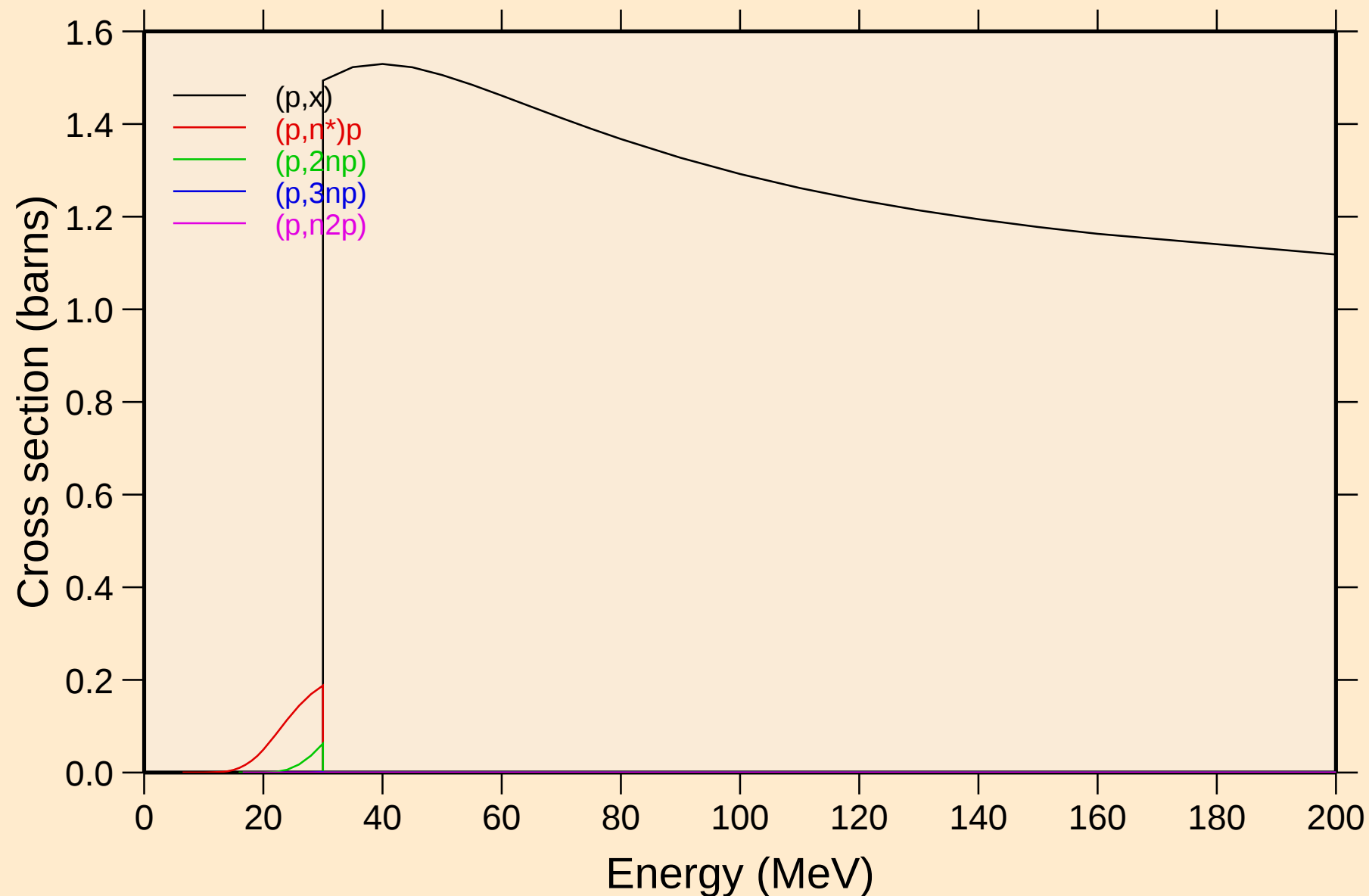
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Heating



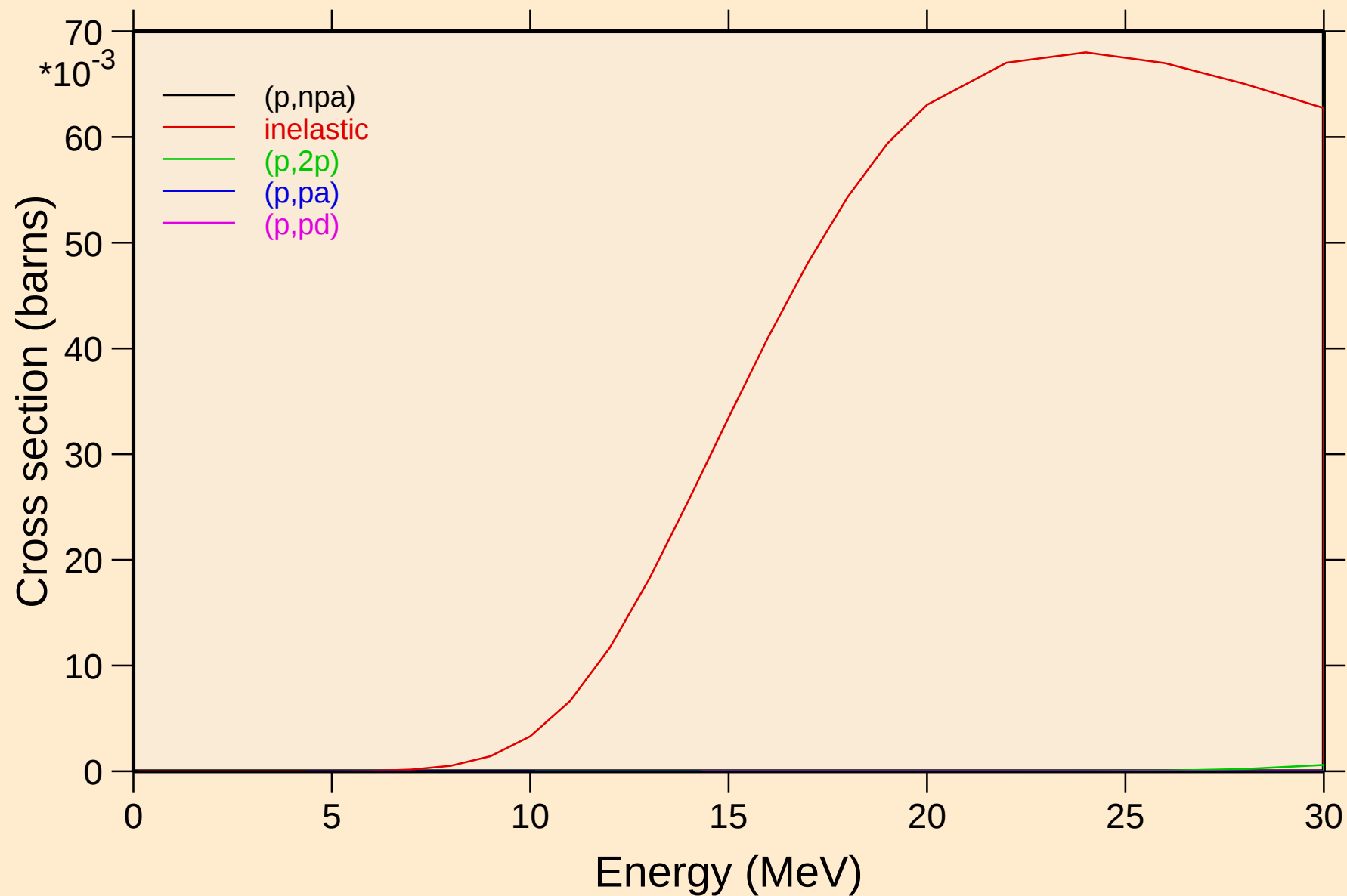
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Threshold reactions



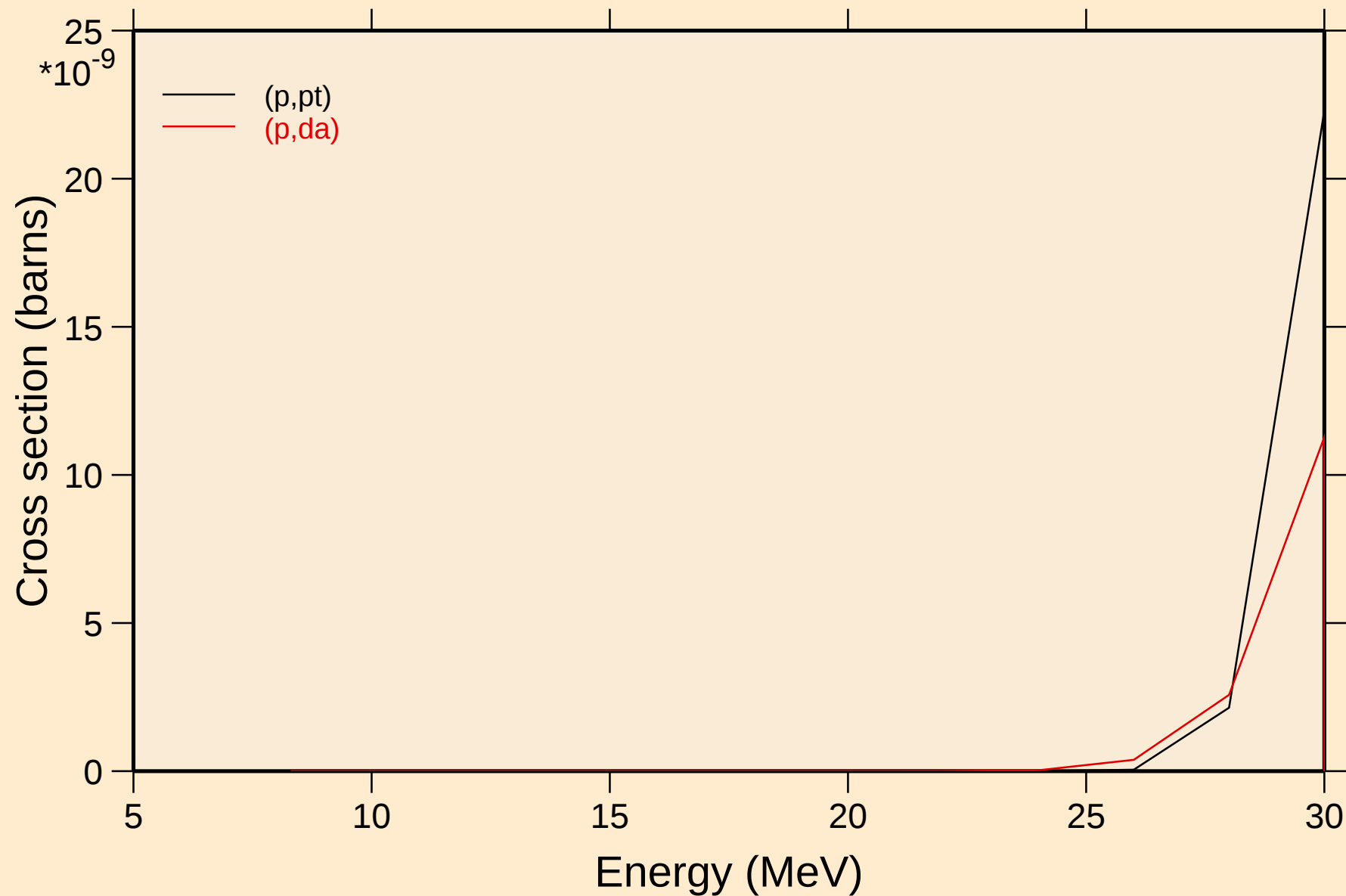
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

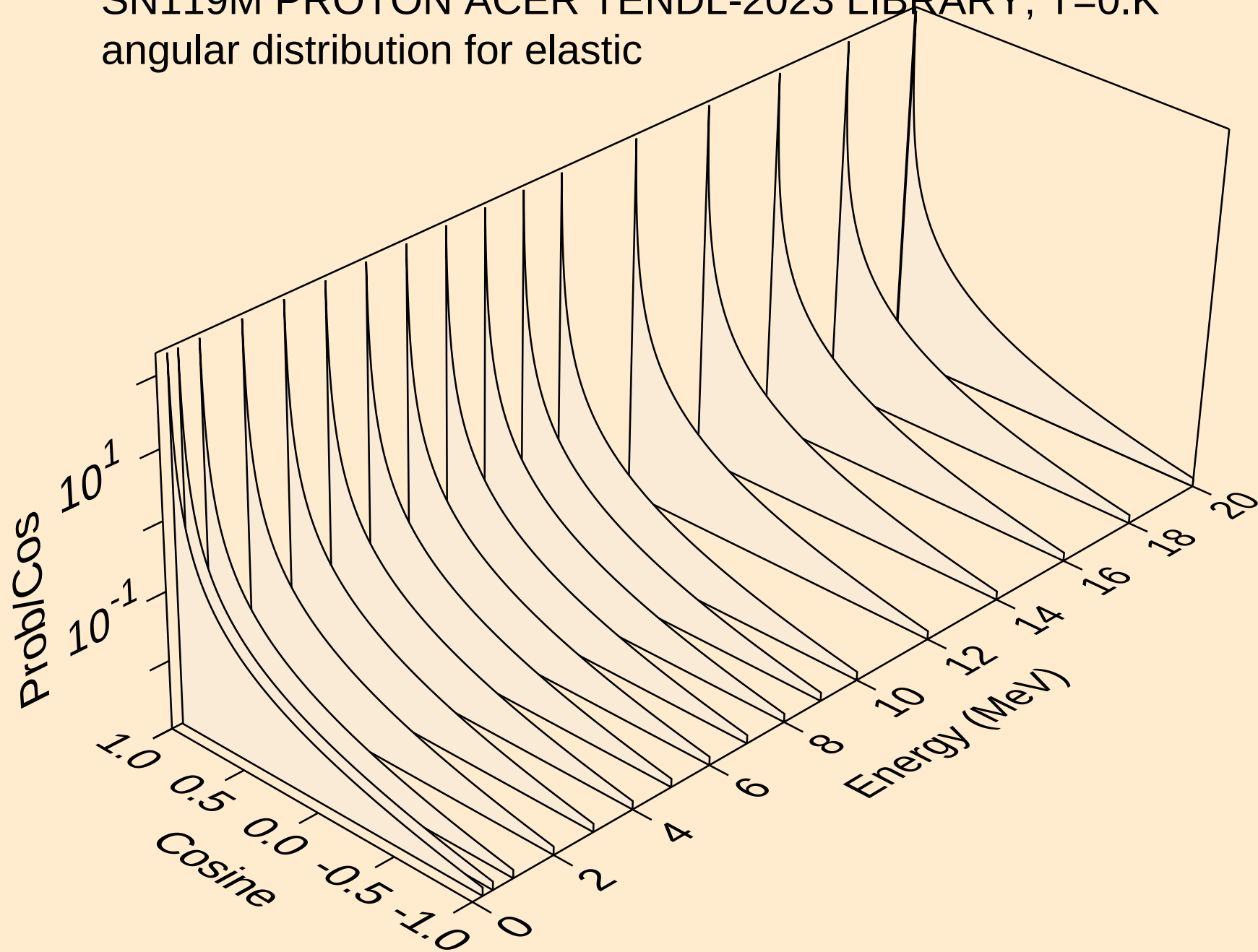


SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K

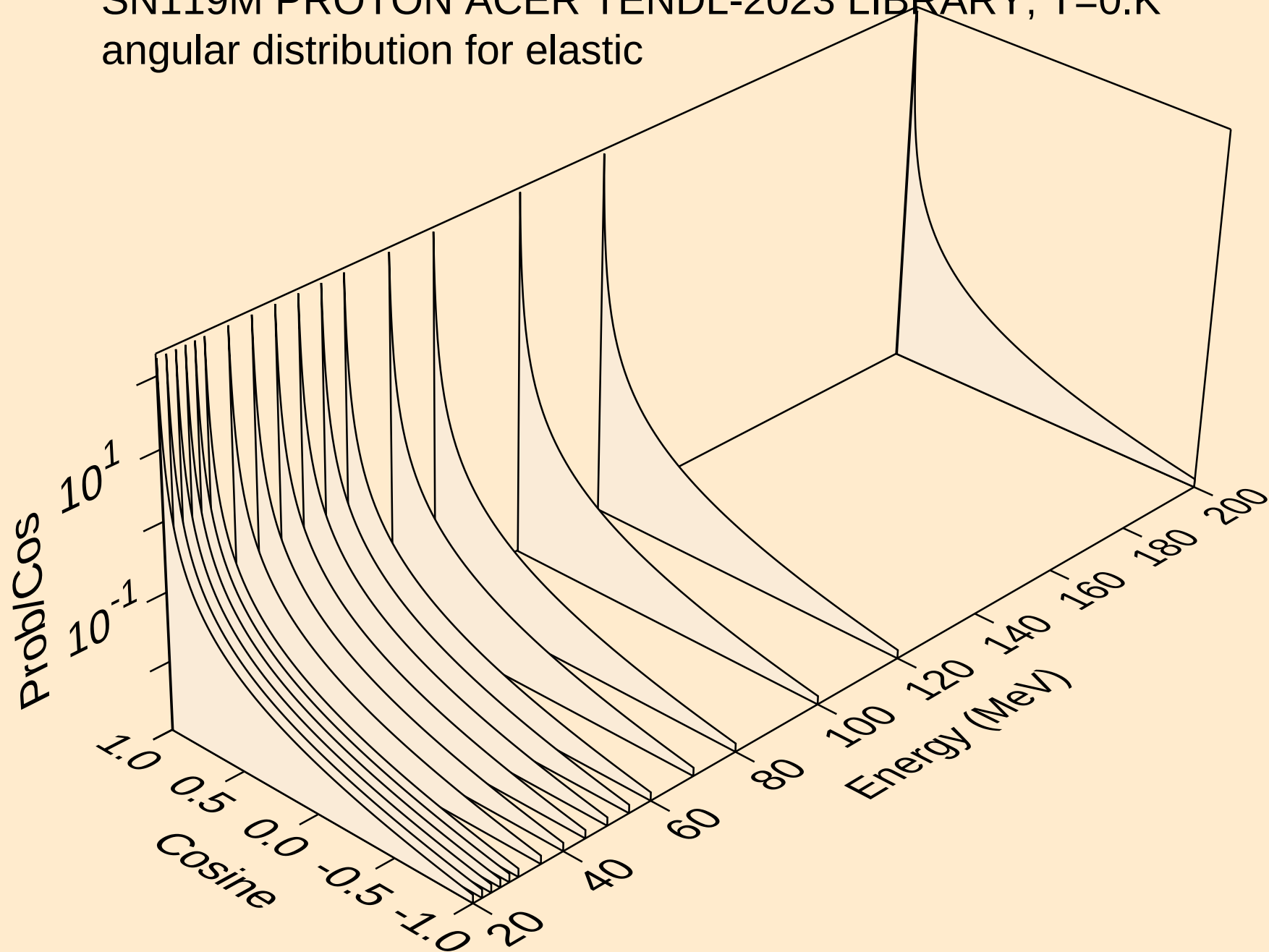
Threshold reactions



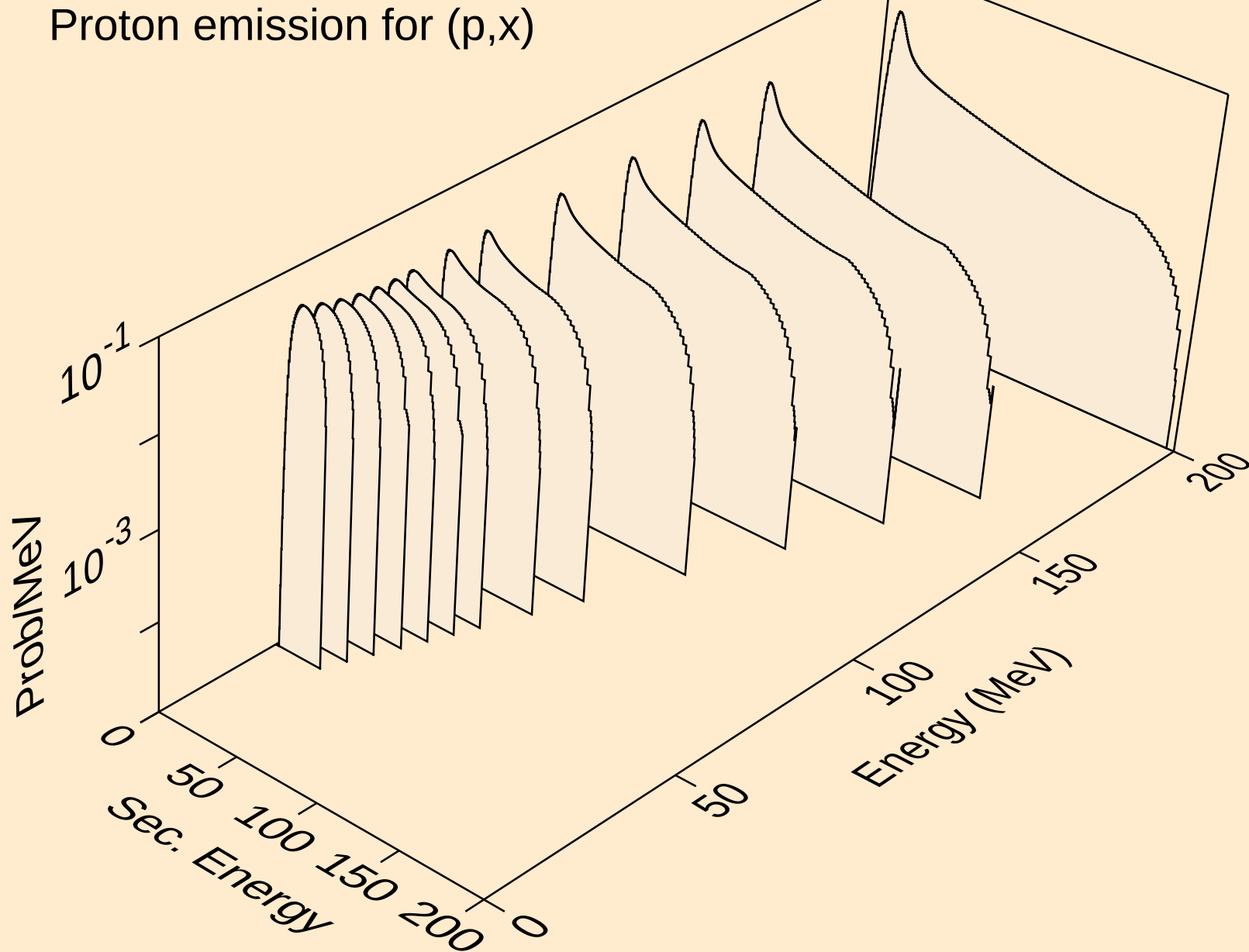
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



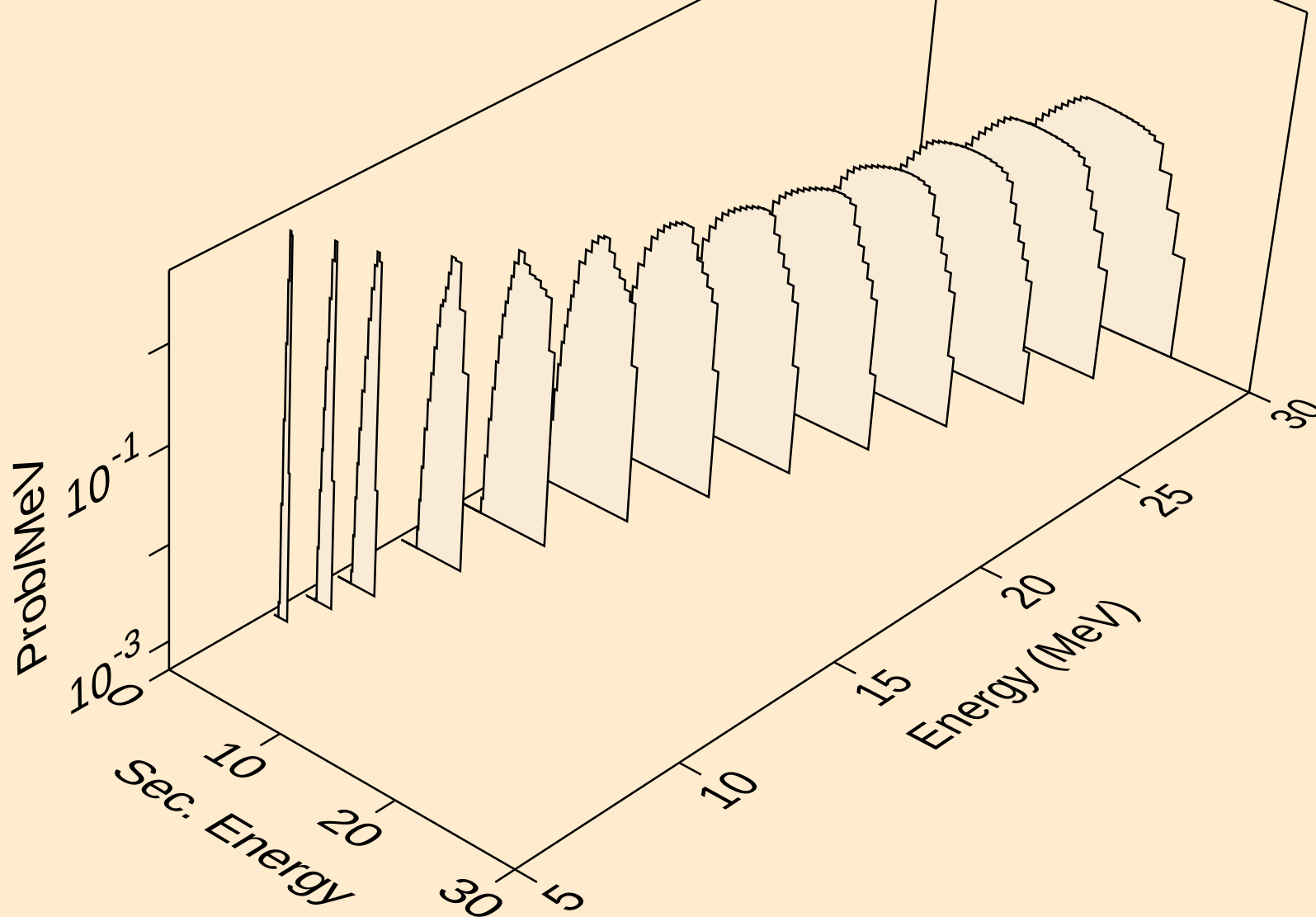
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



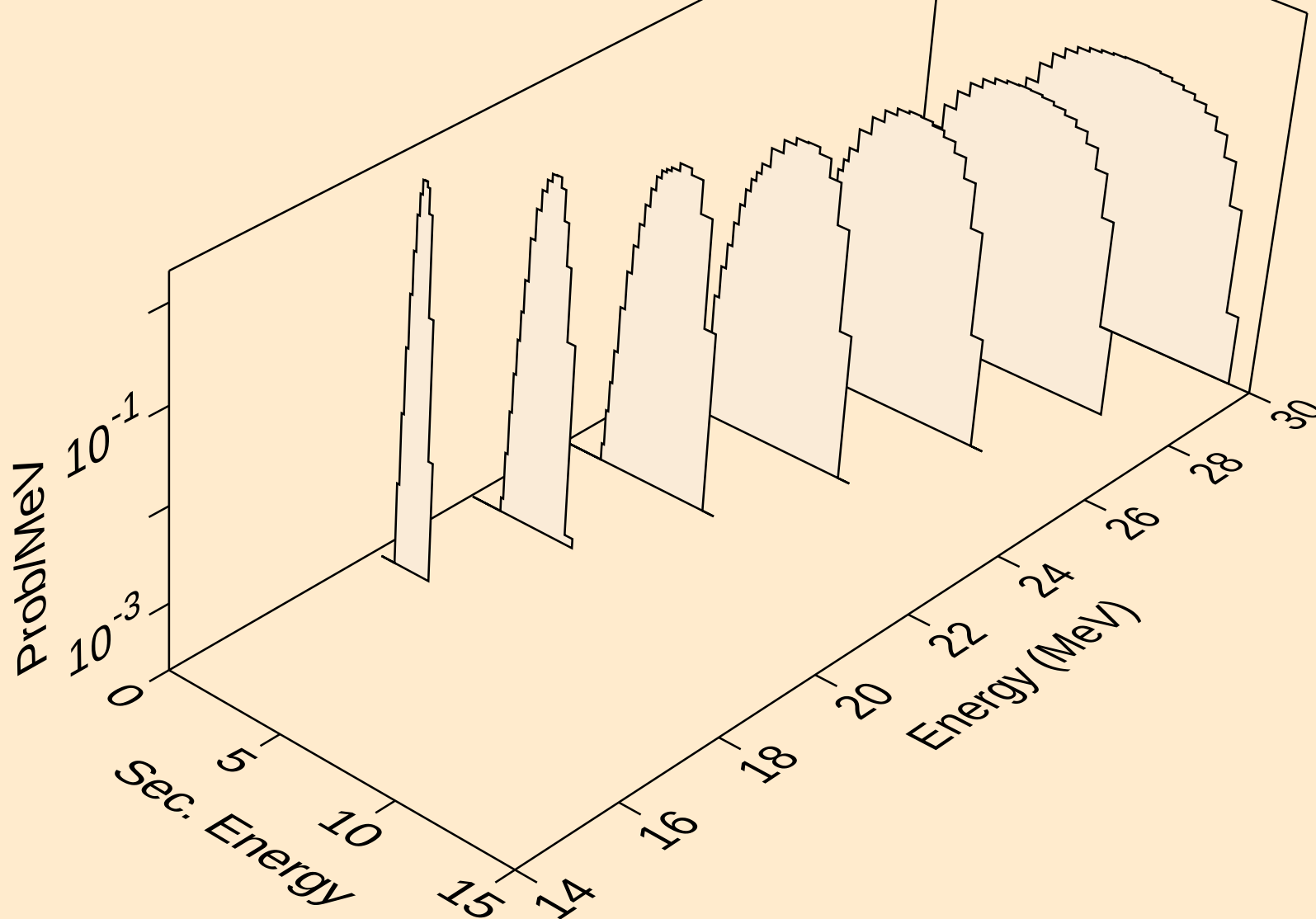
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)



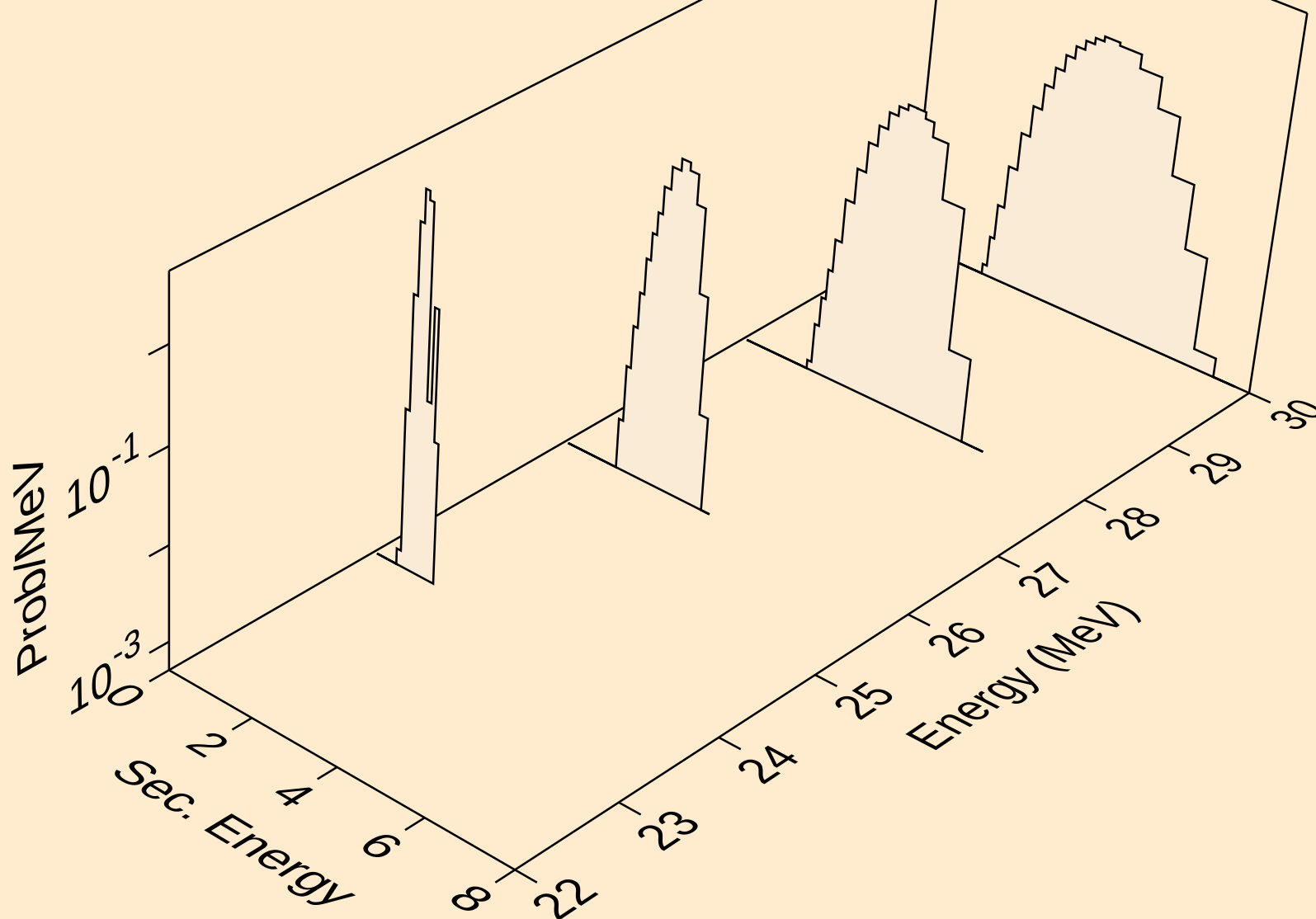
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n*)p



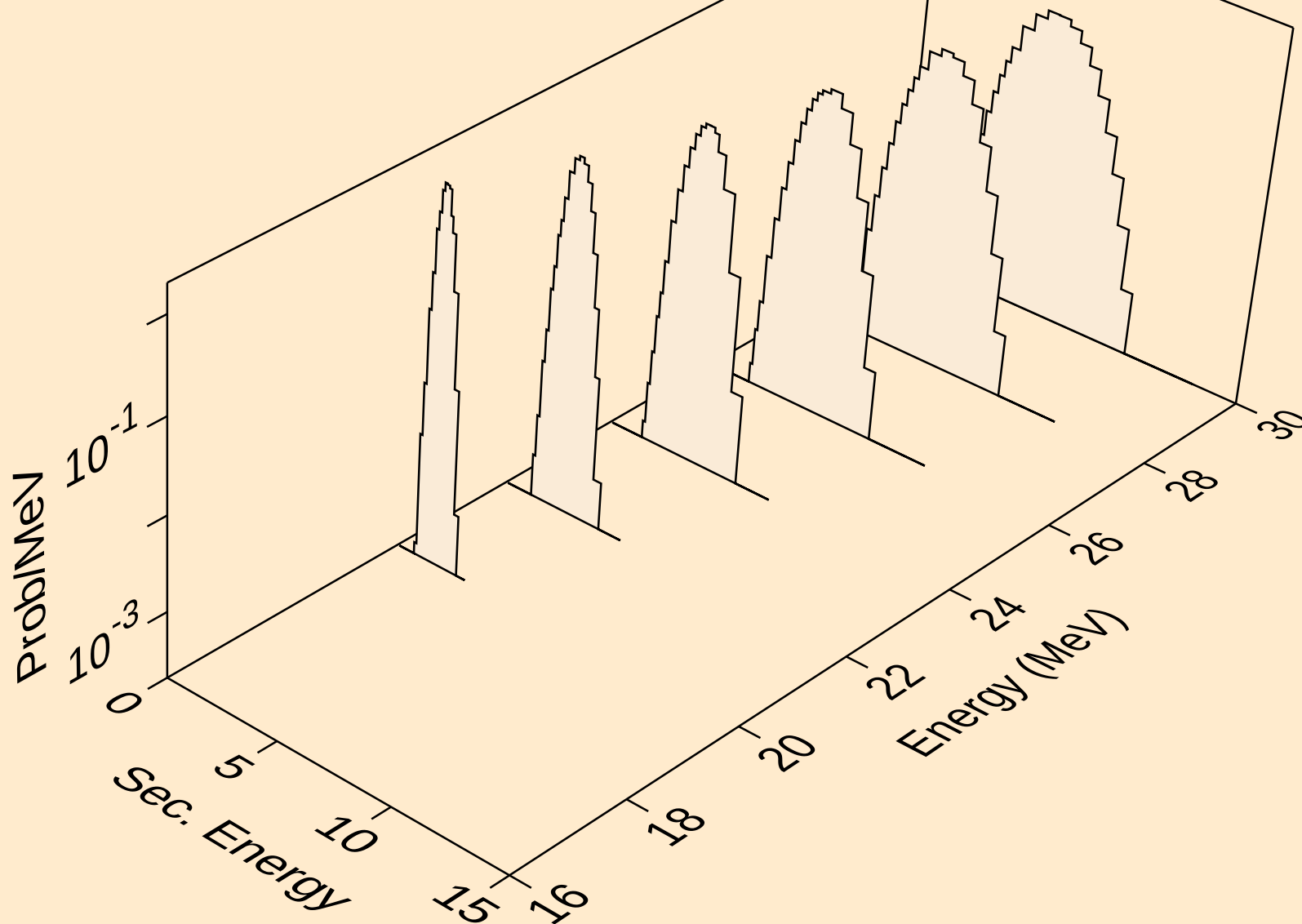
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



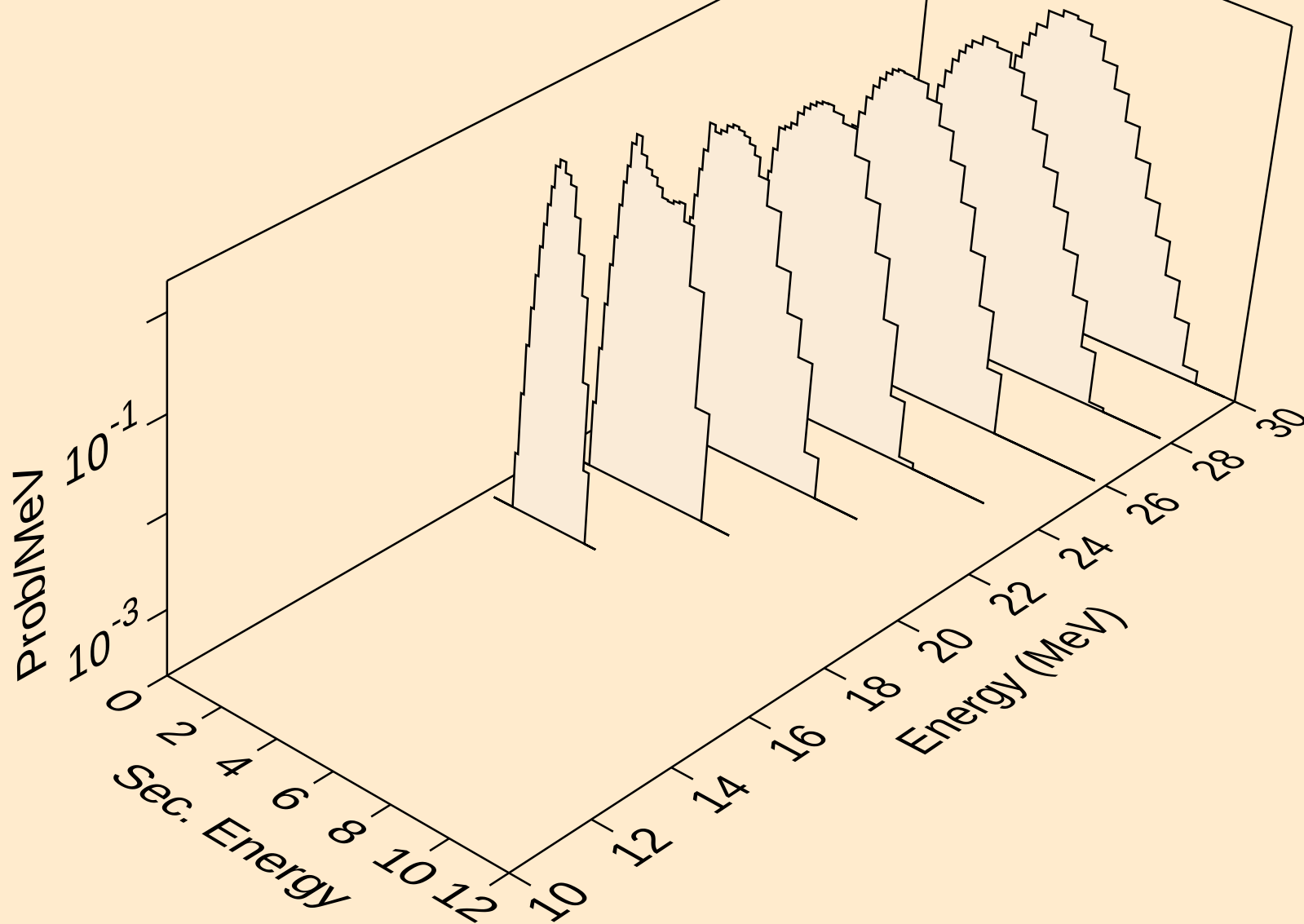
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



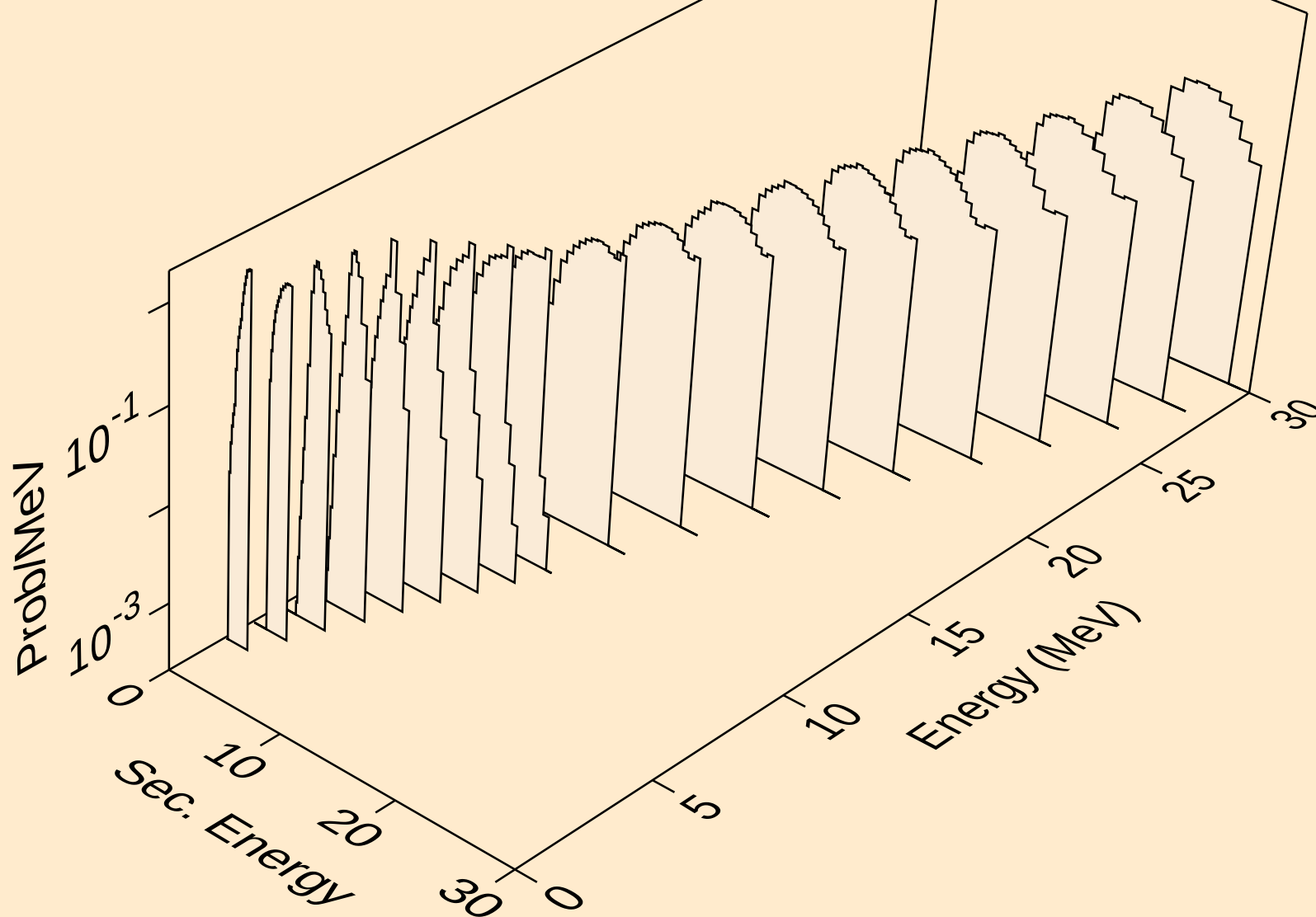
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



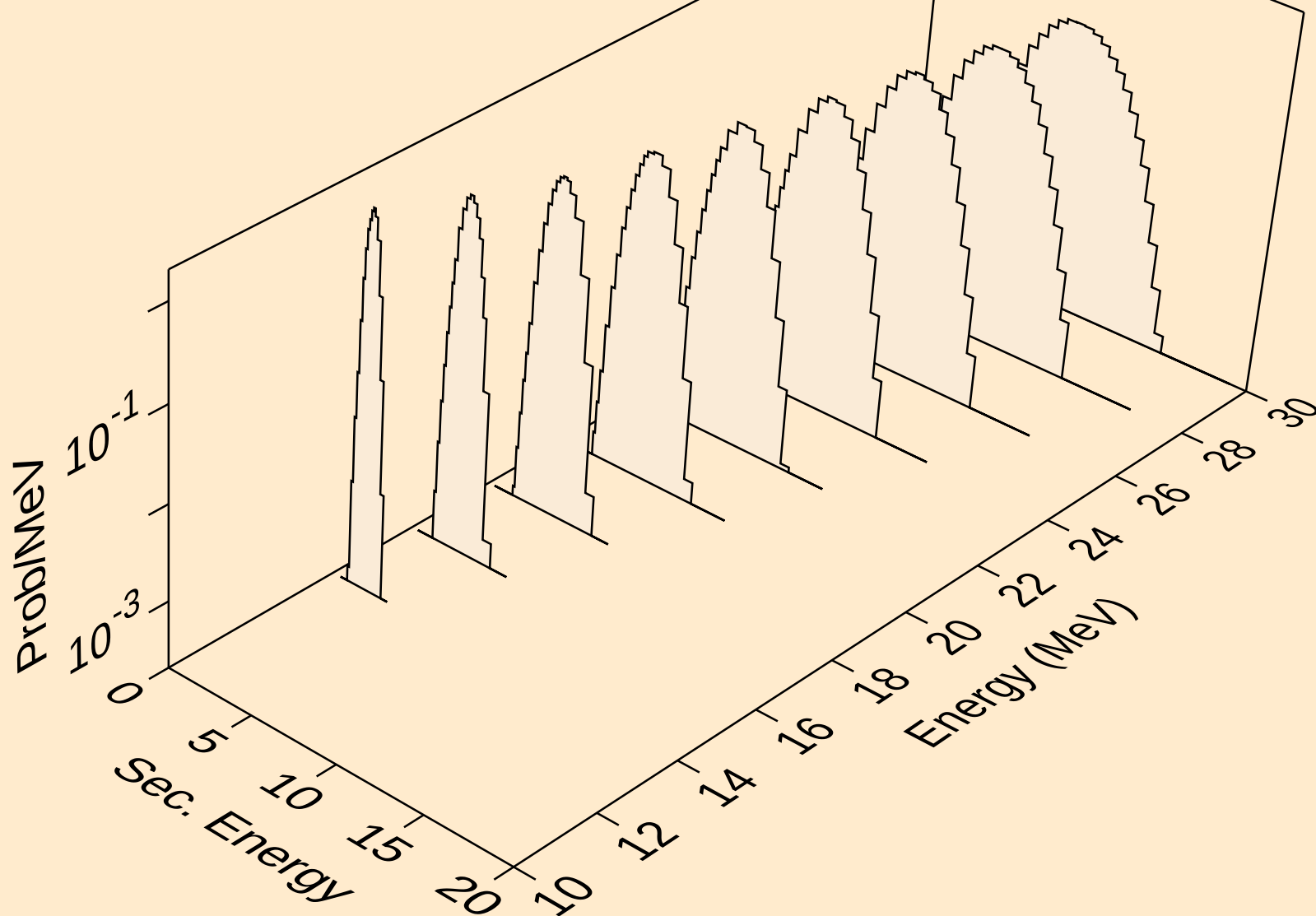
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)



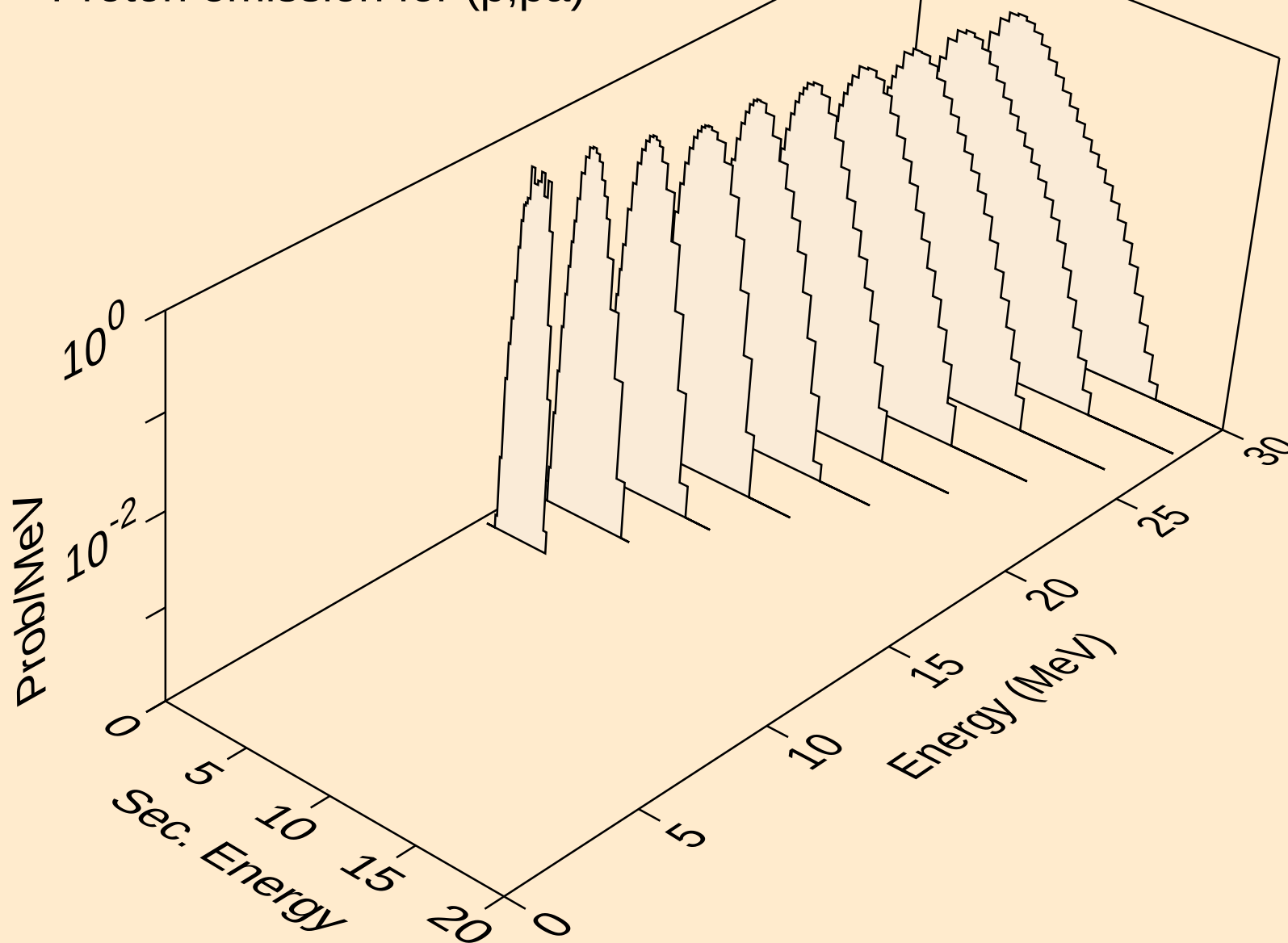
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



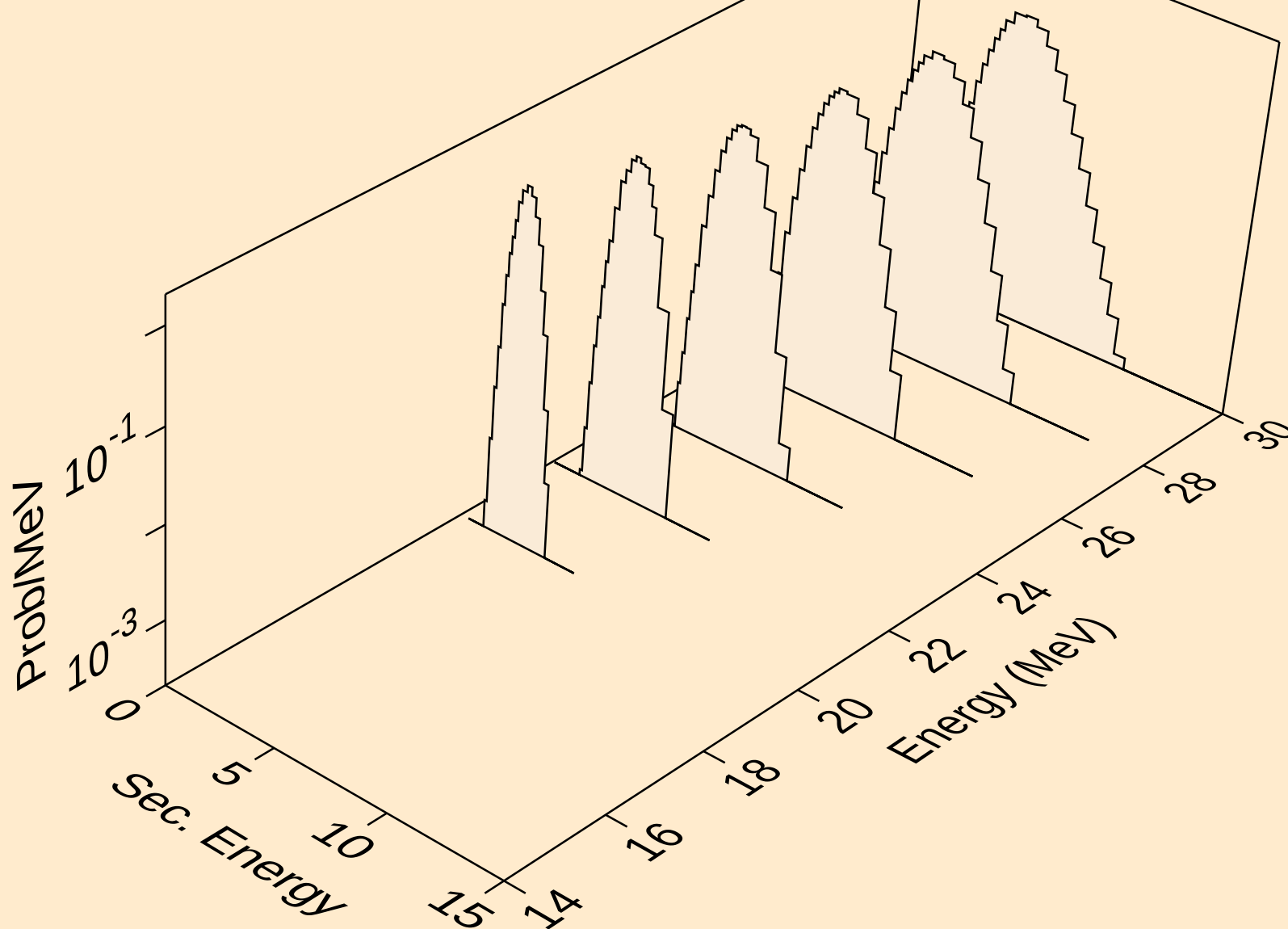
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Proton emission for (p,2p)



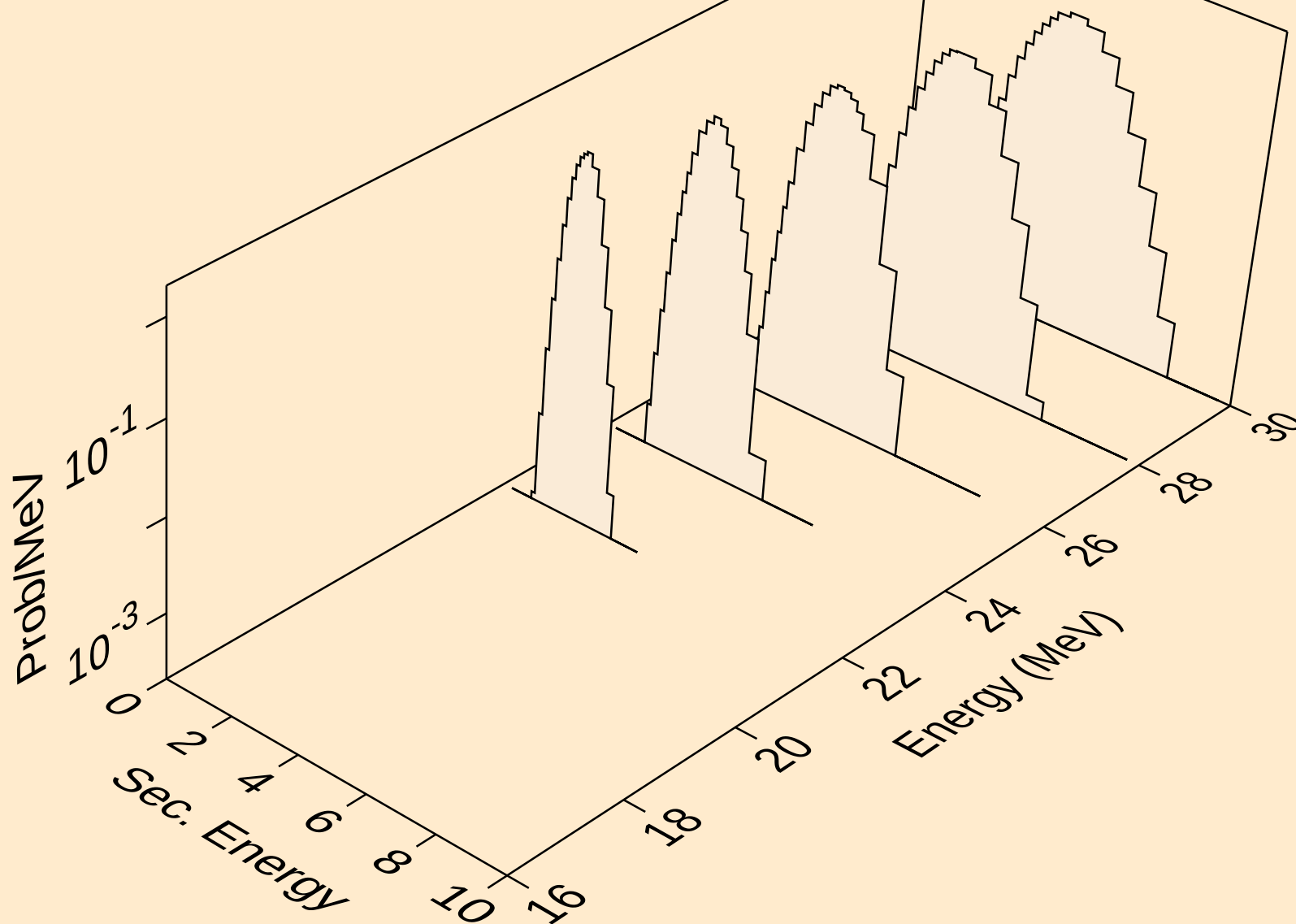
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Proton emission for (p,pa)



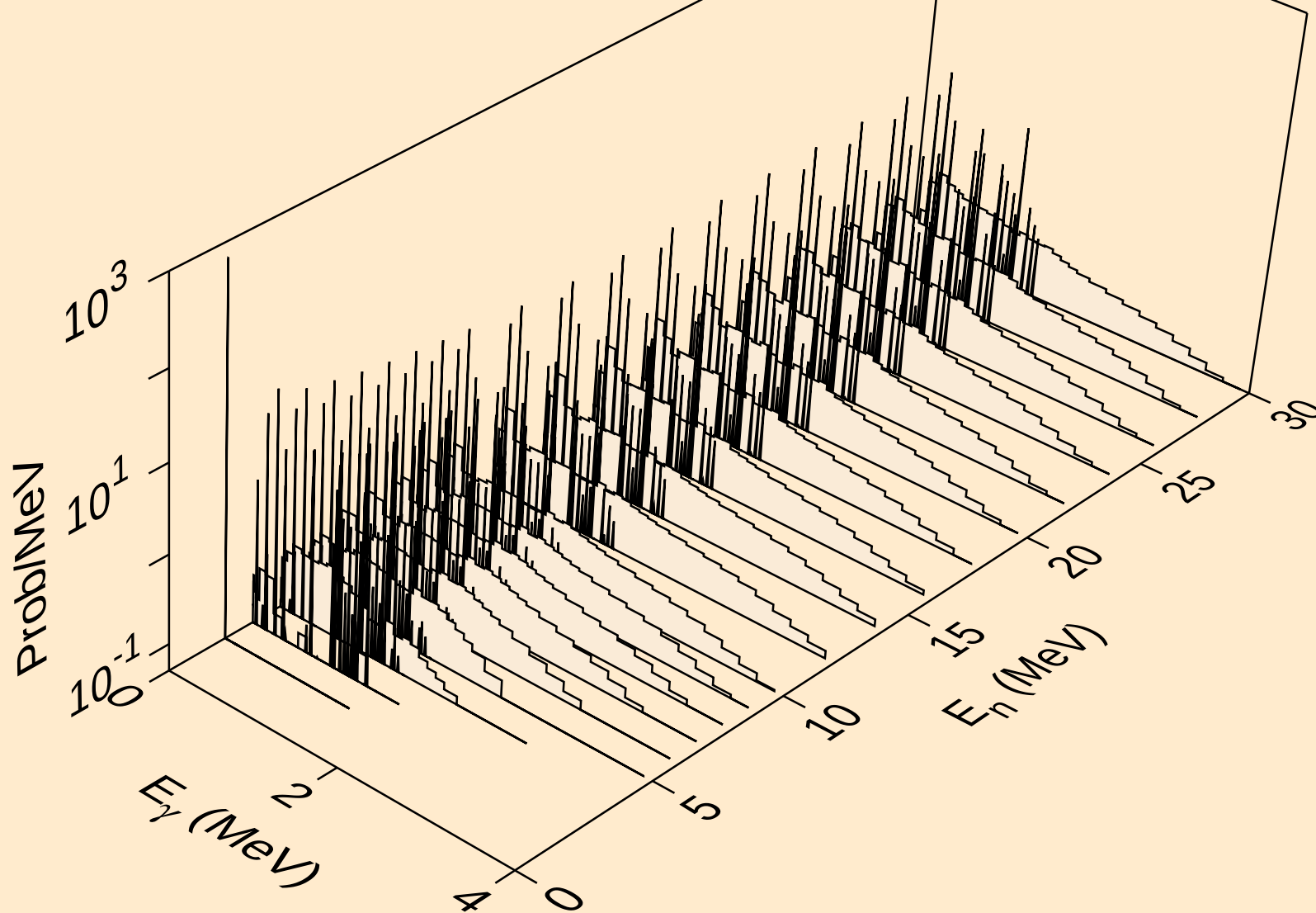
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pd)



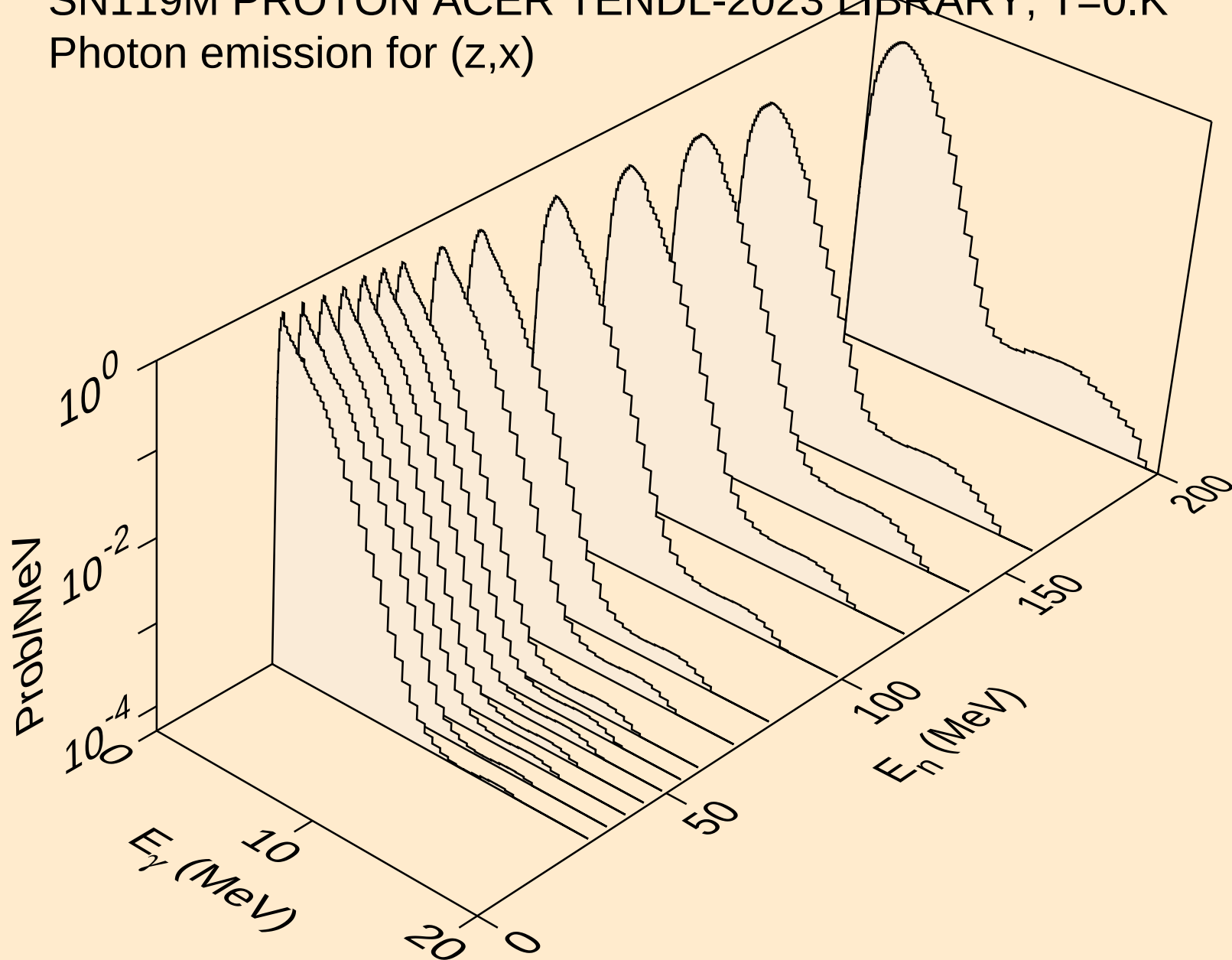
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pt)



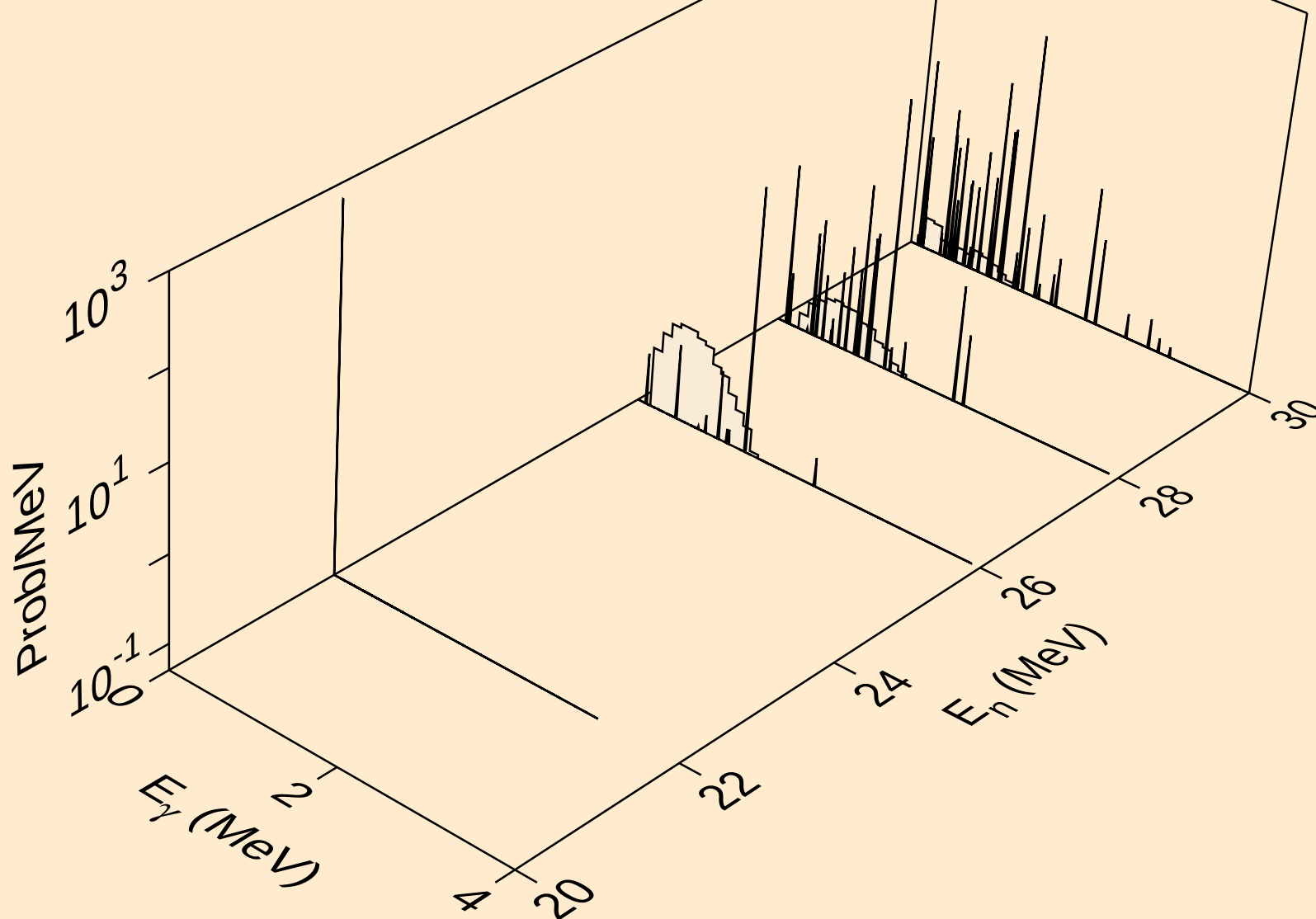
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (z,n)



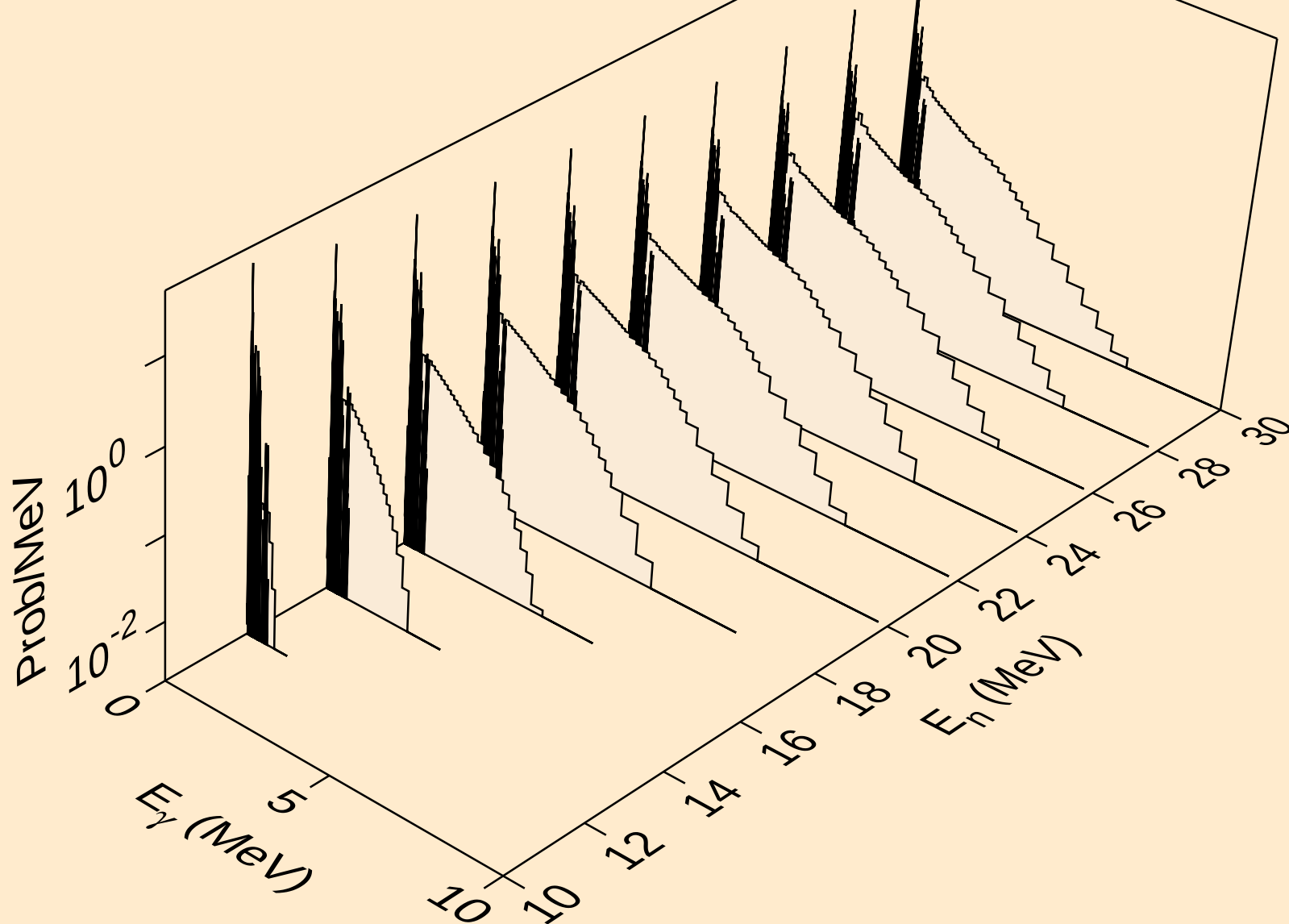
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



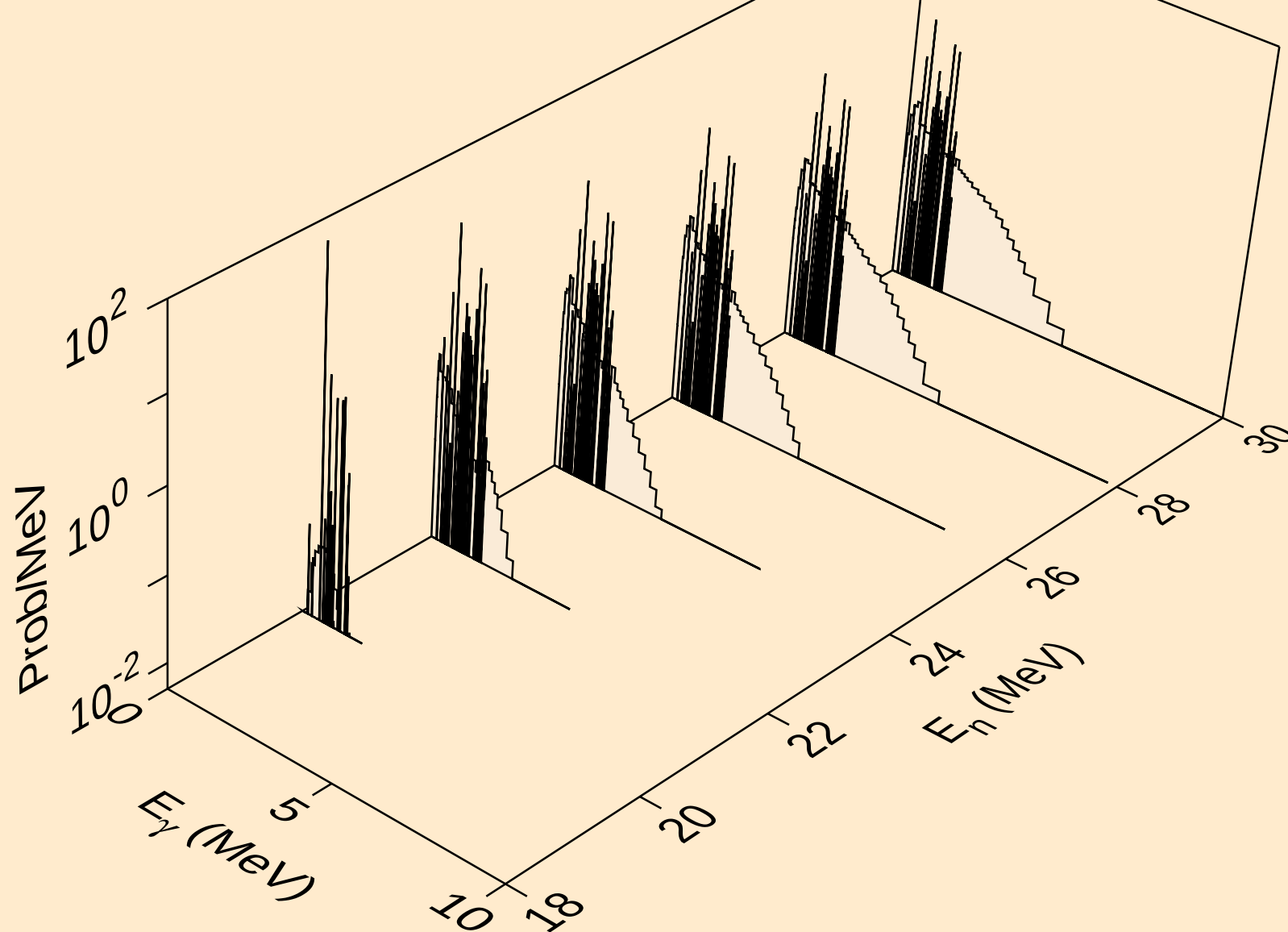
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2nd)



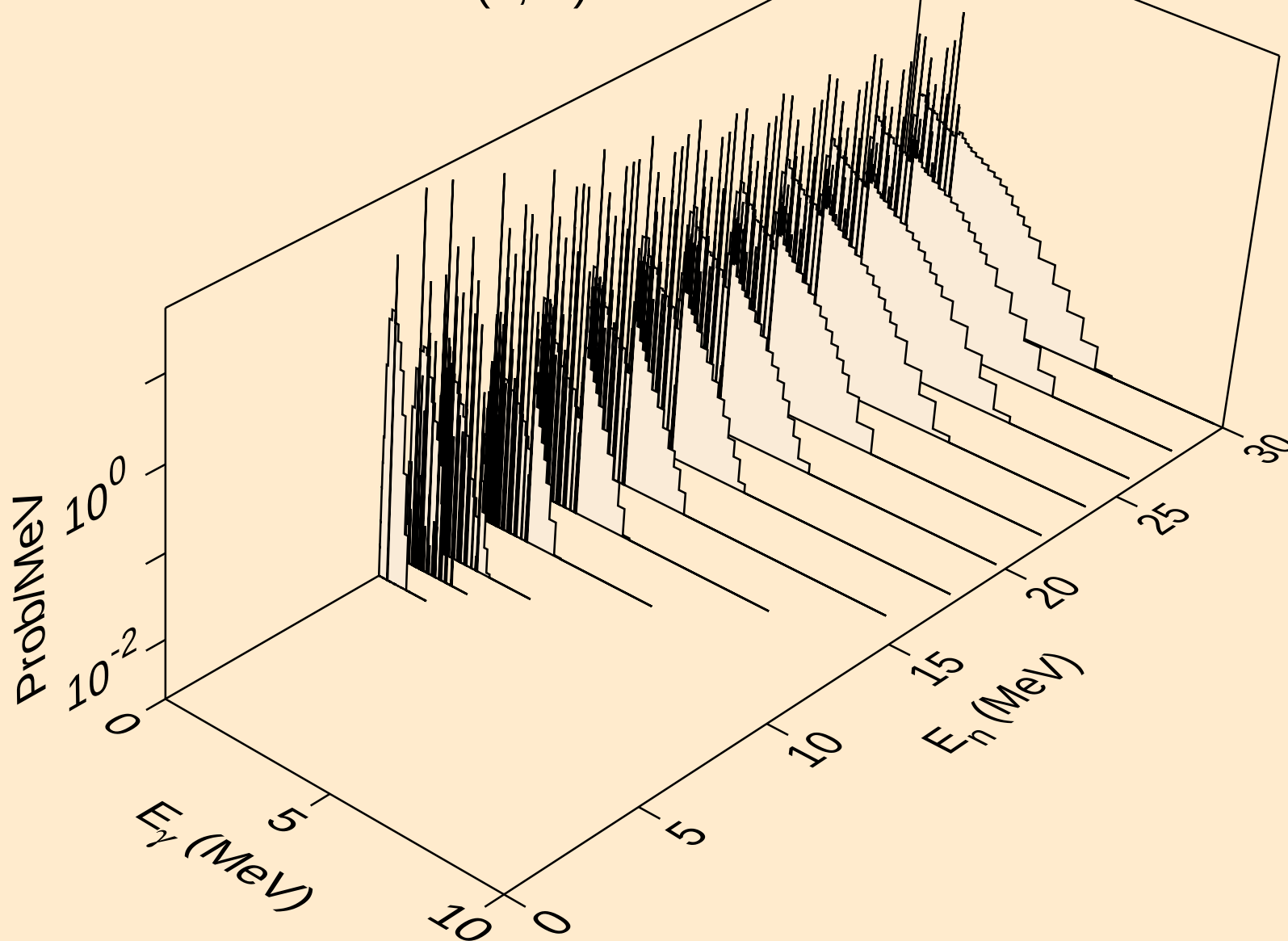
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n)



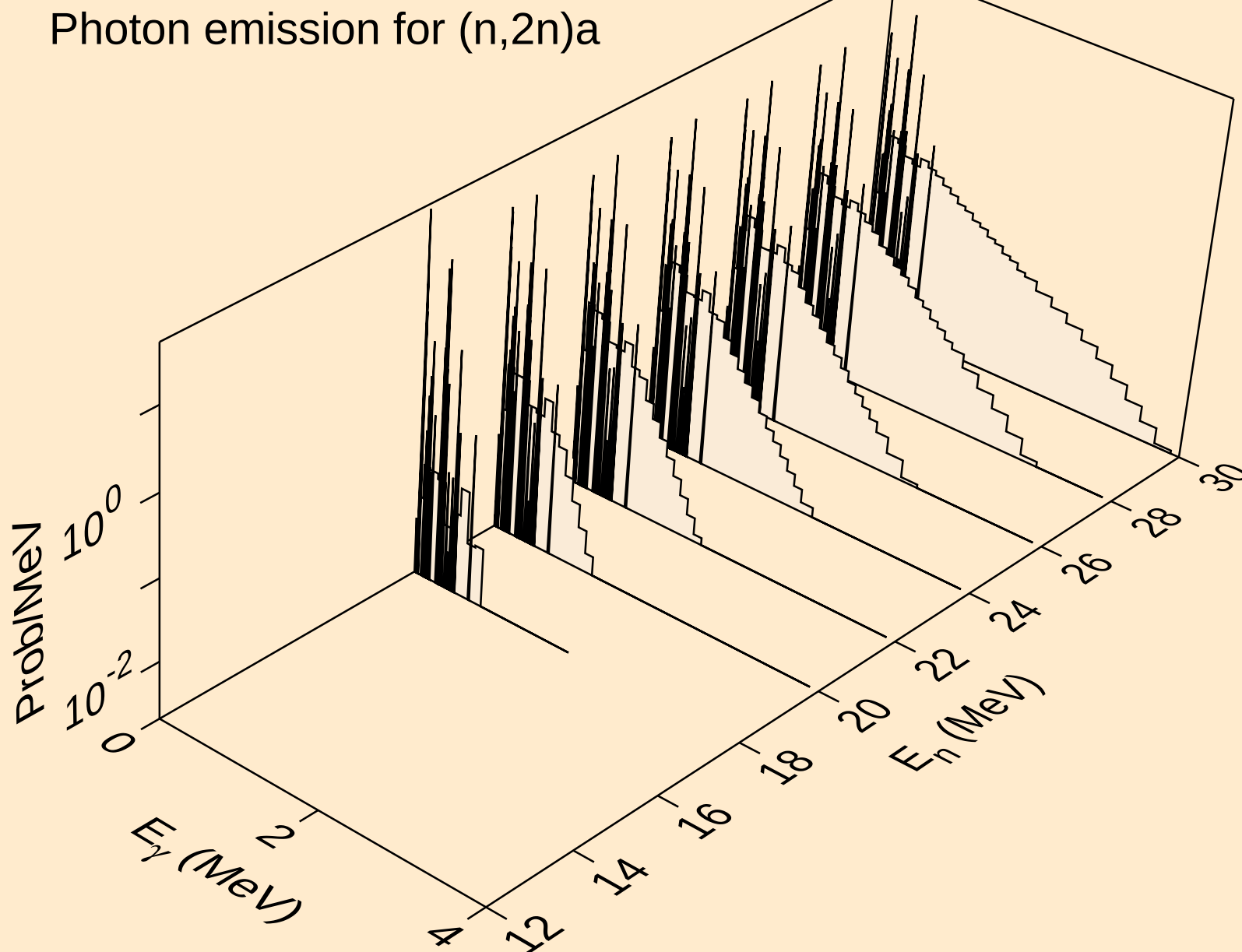
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)



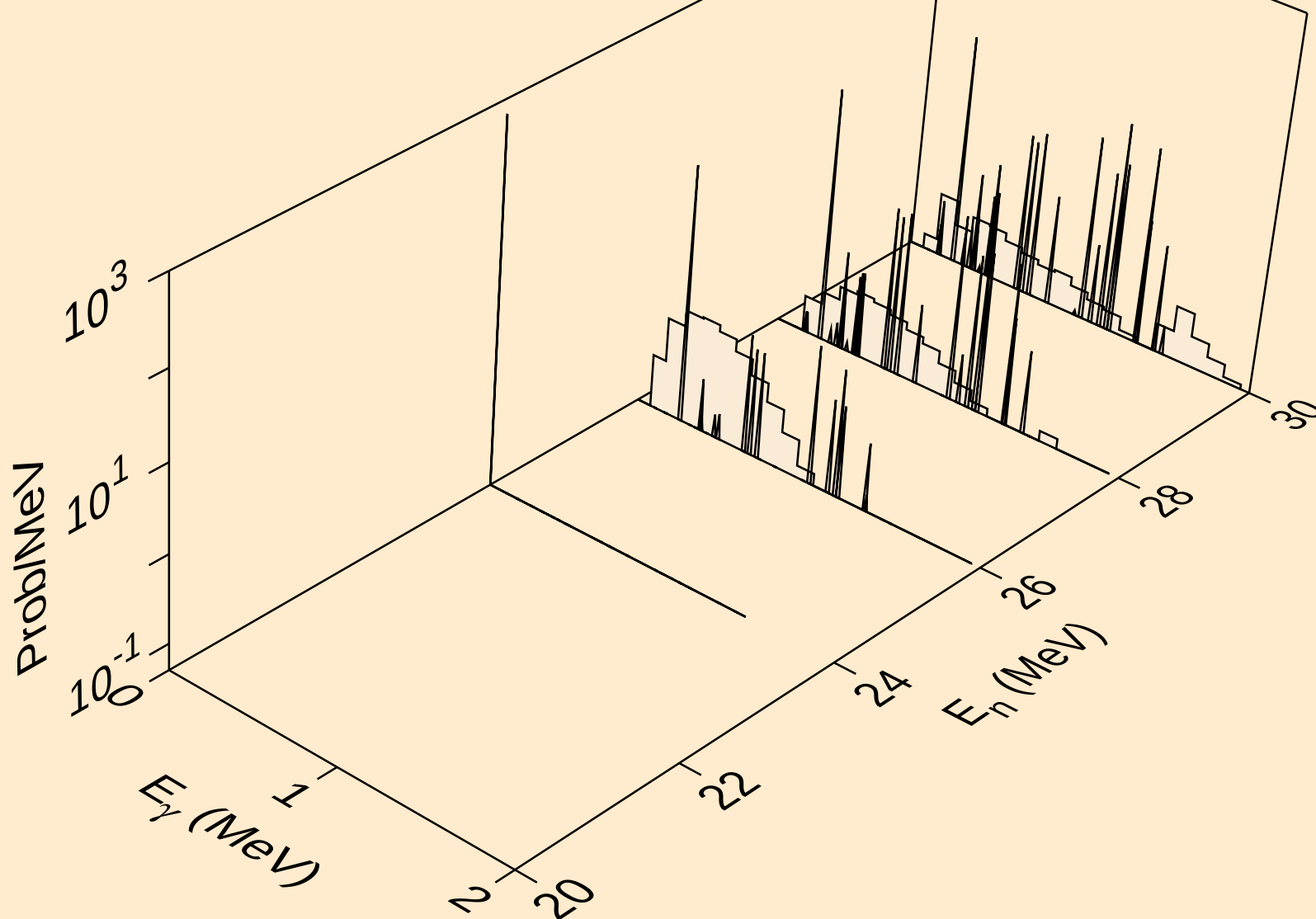
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)a$



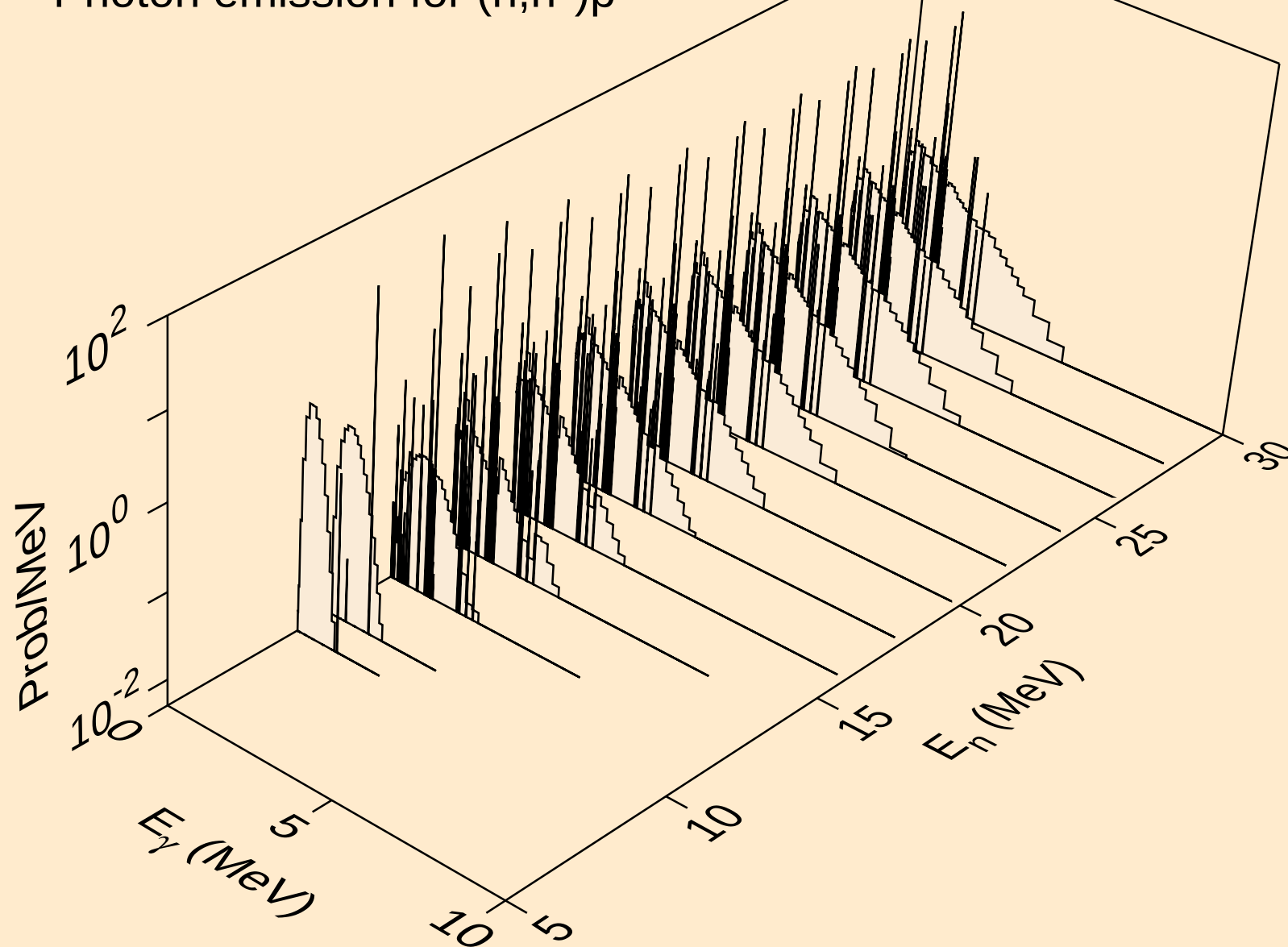
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n) α



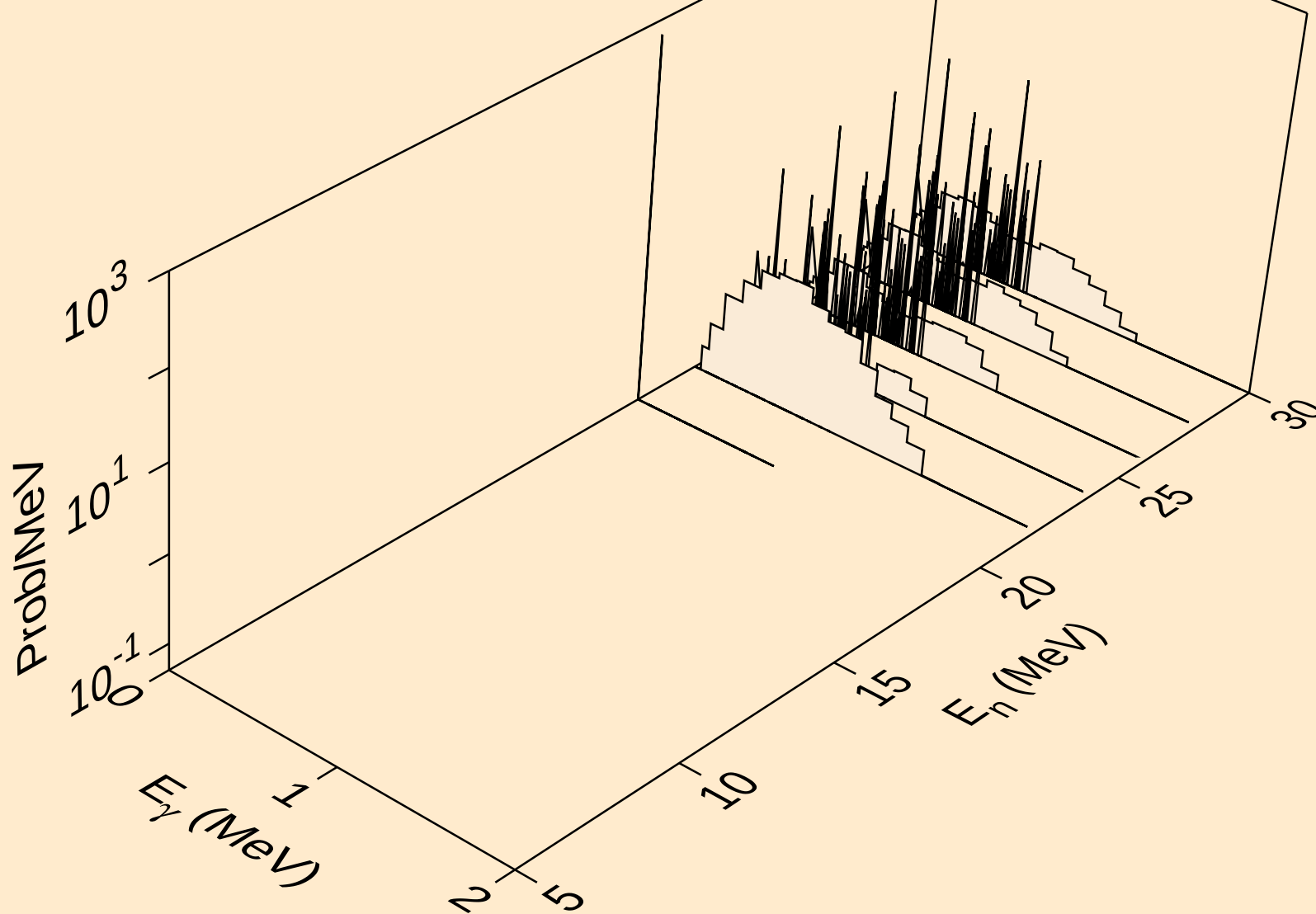
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,3n)\alpha$



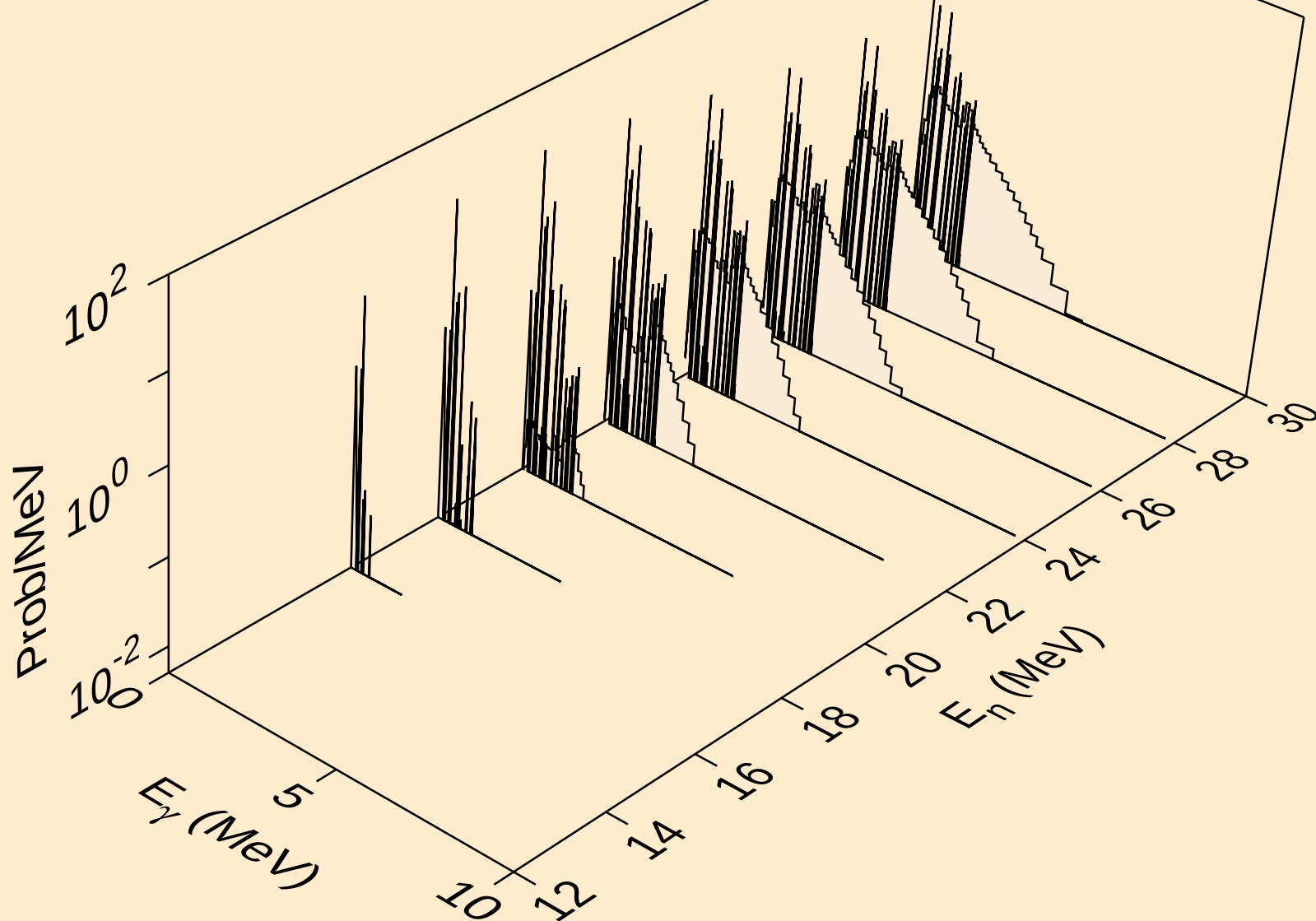
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)p$



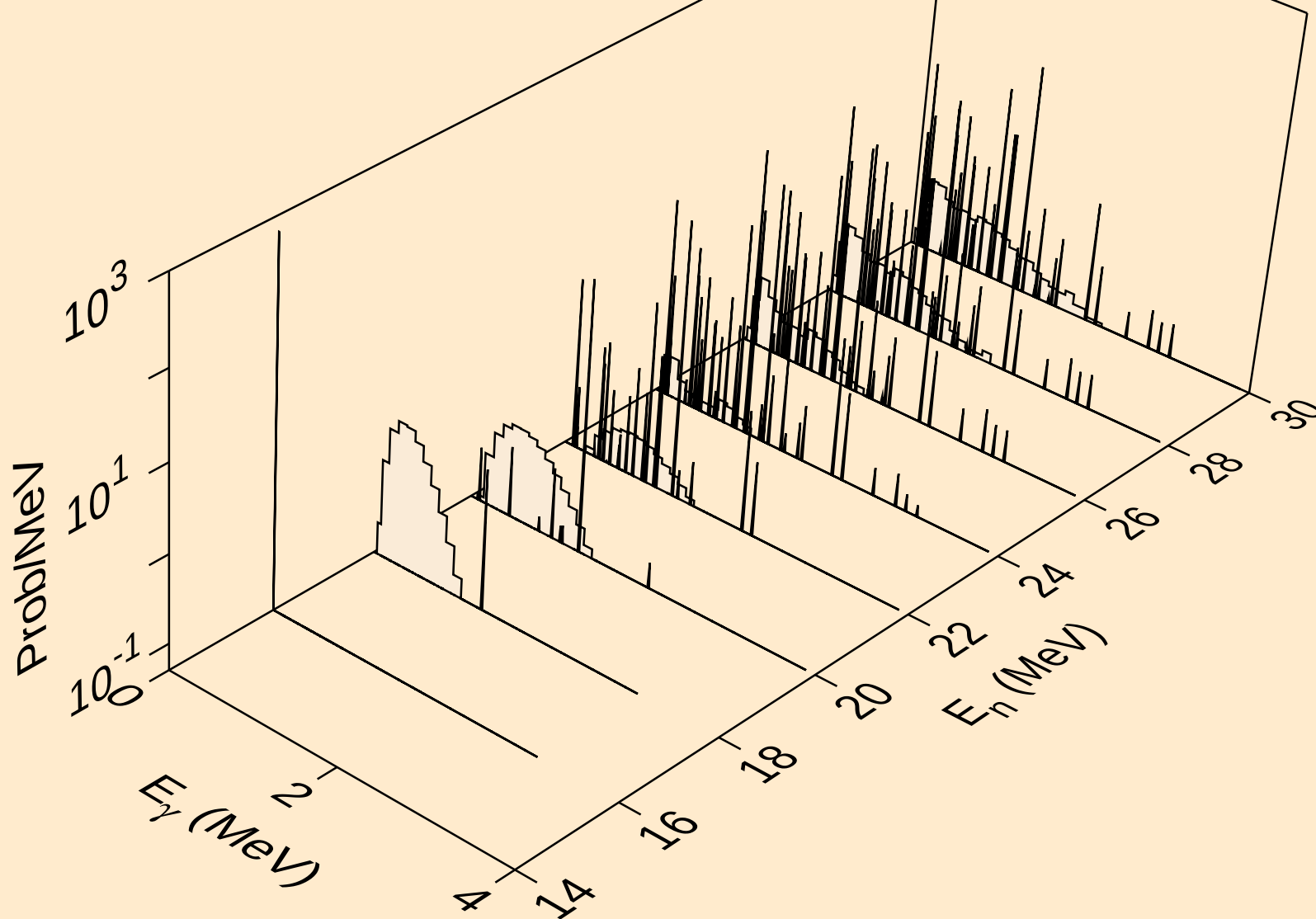
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Photon emission for (n,n*)2a



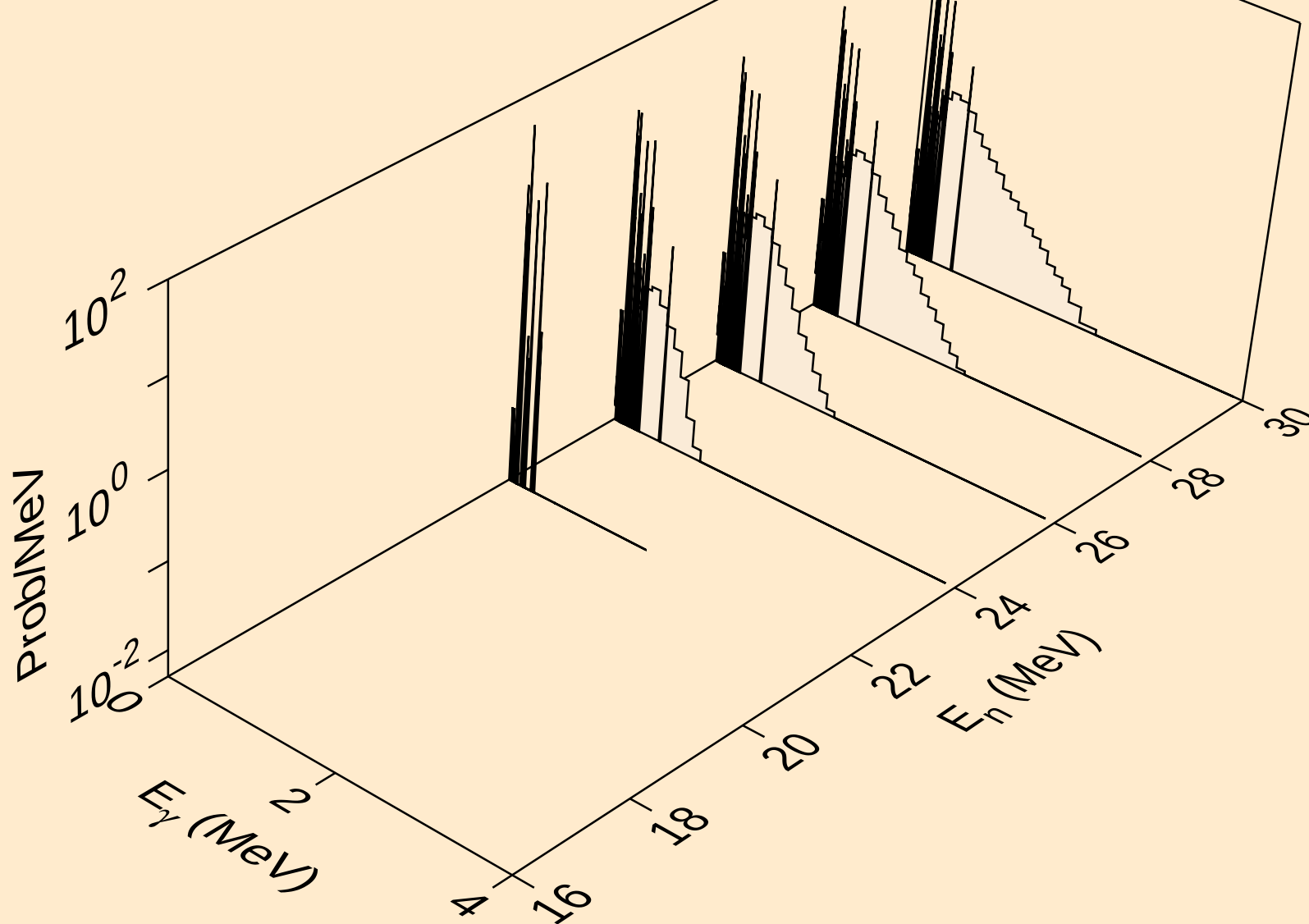
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)d$



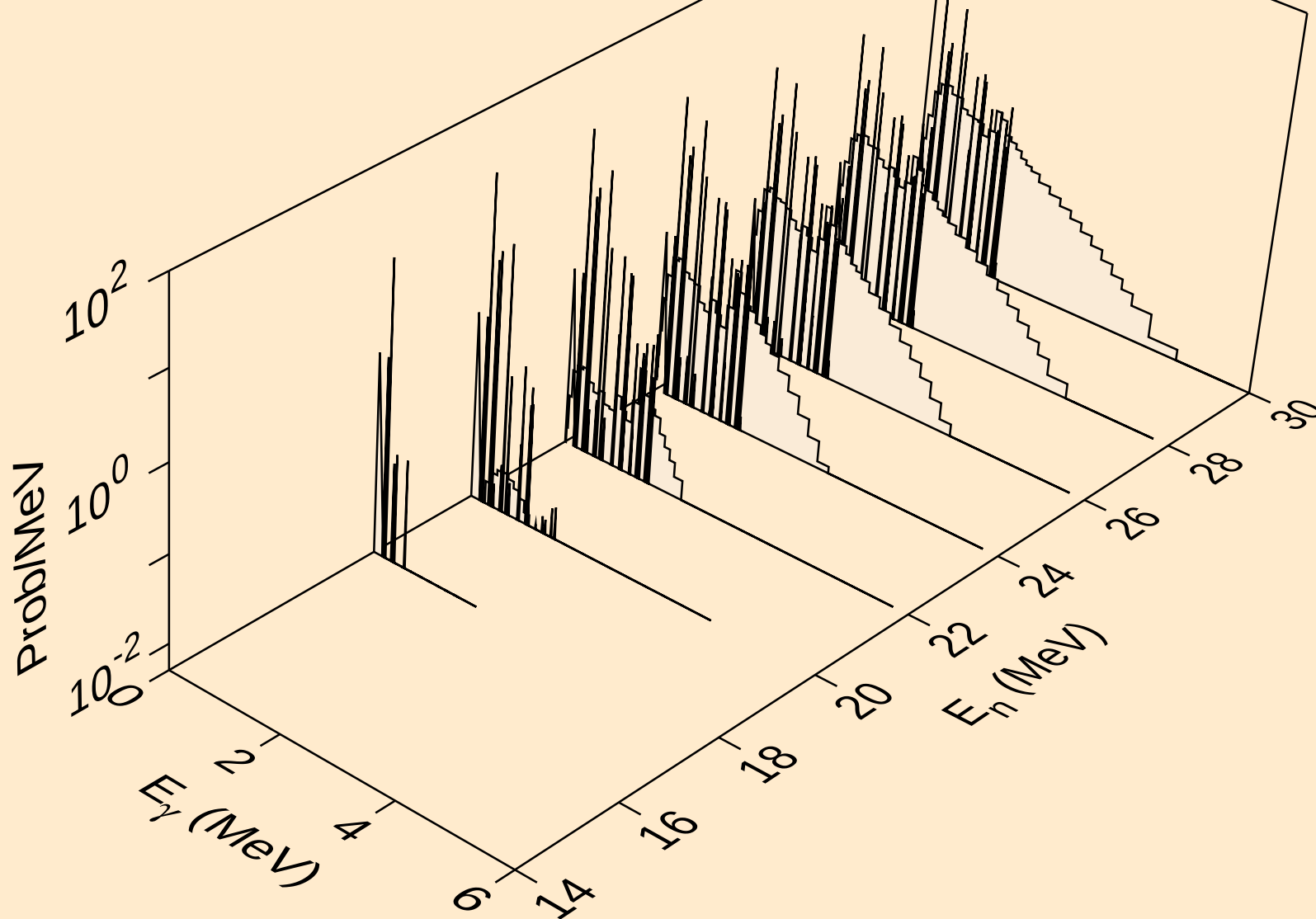
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



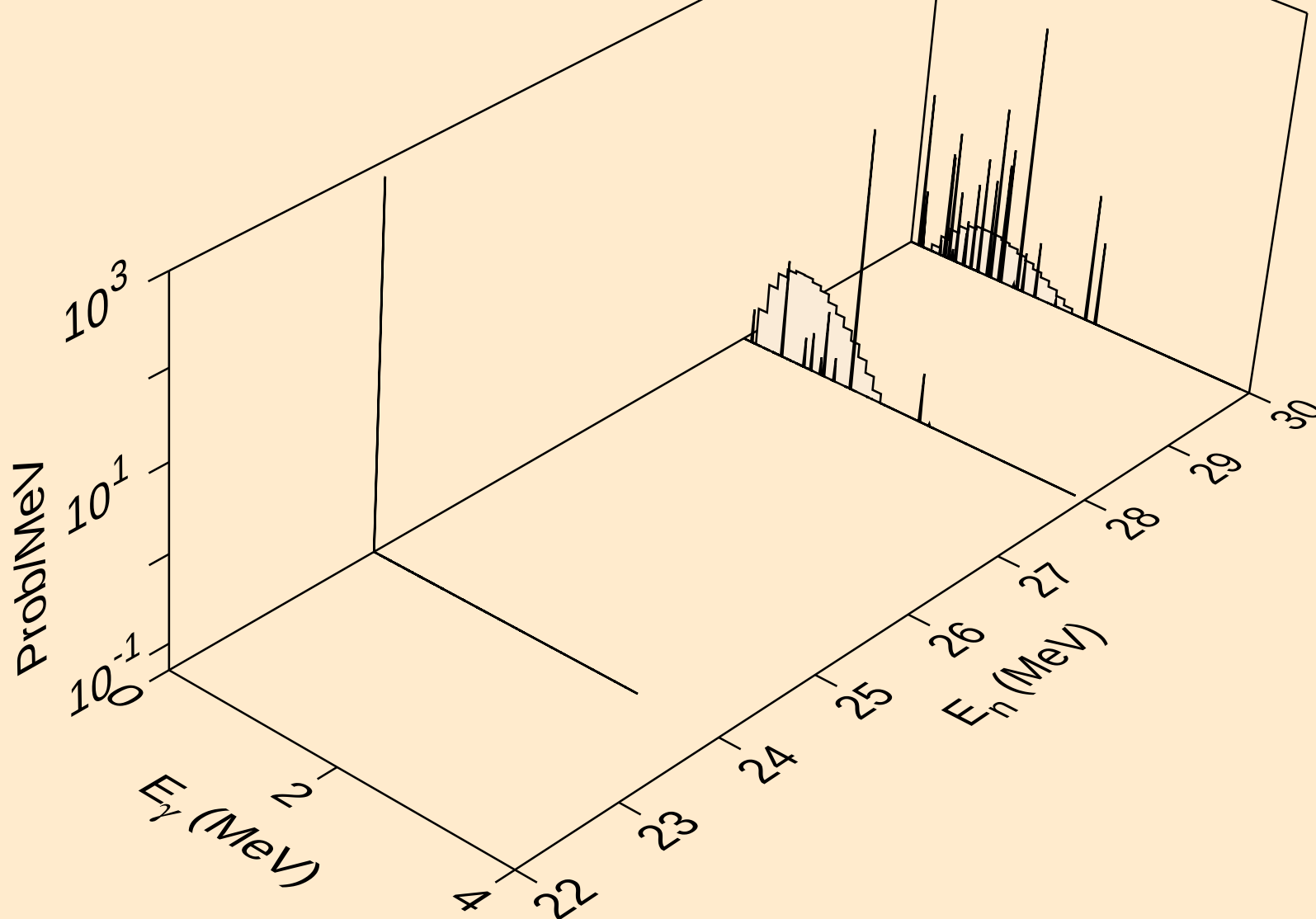
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)\text{he3}$



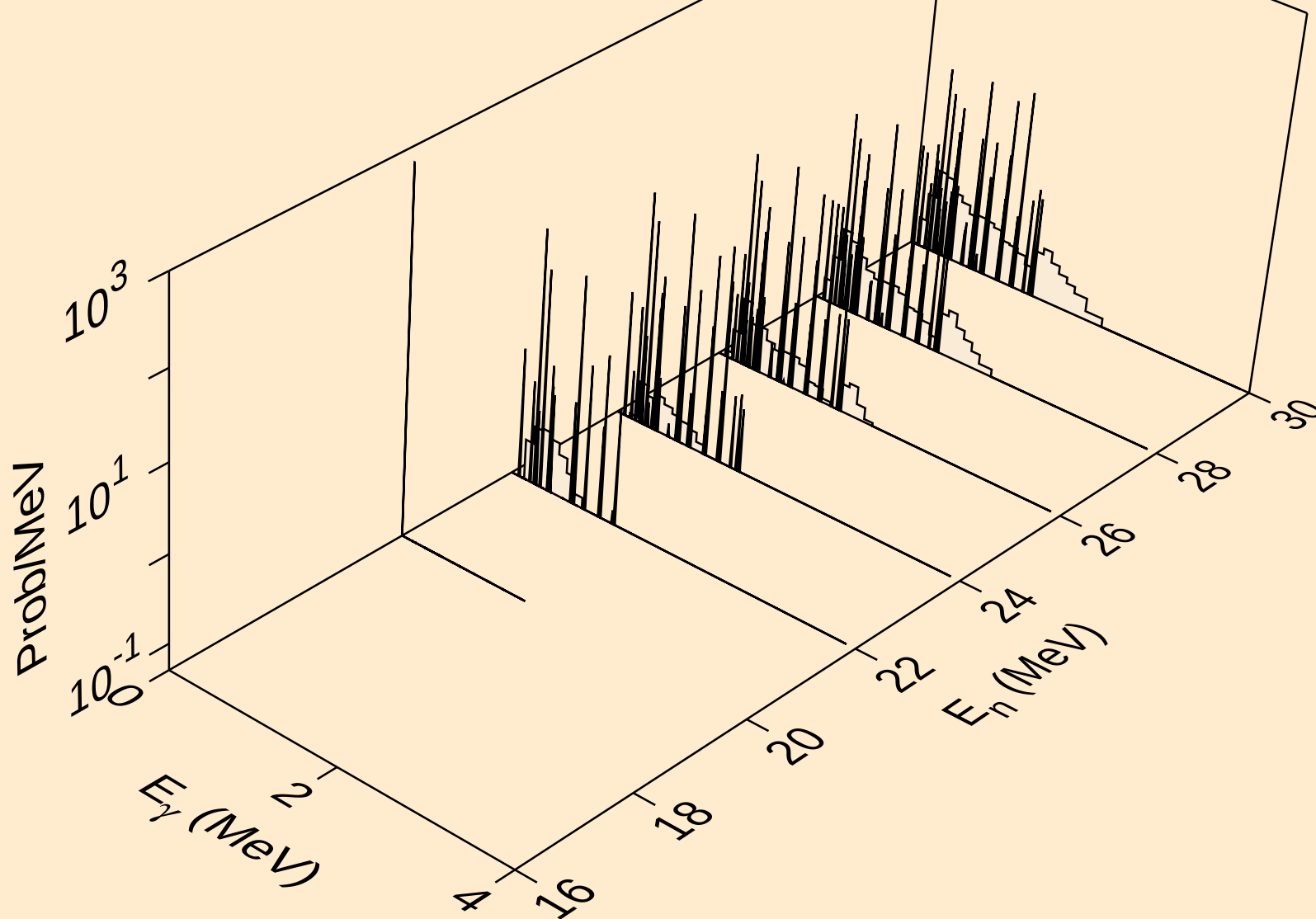
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2np)



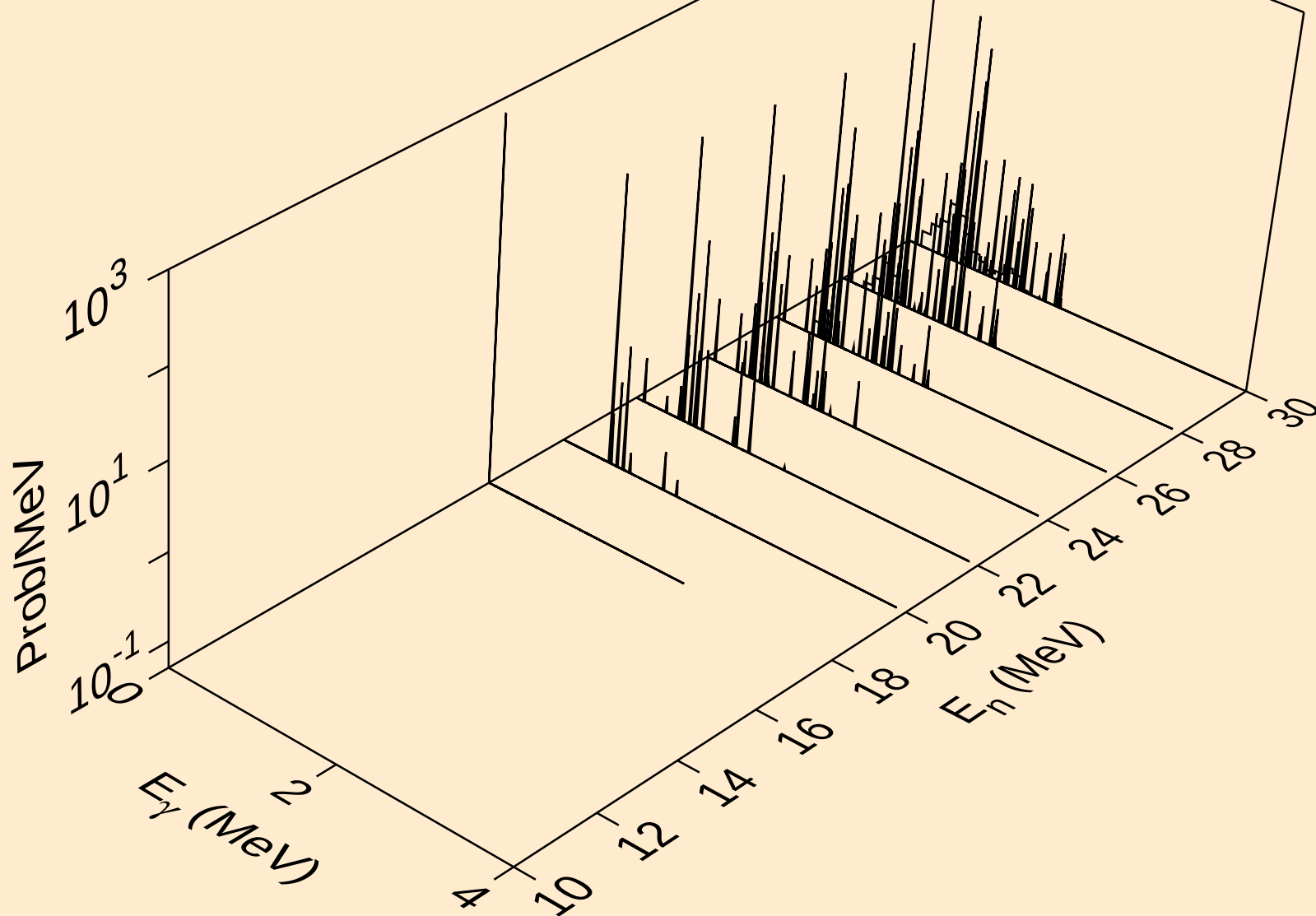
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Photon emission for (n,3np)



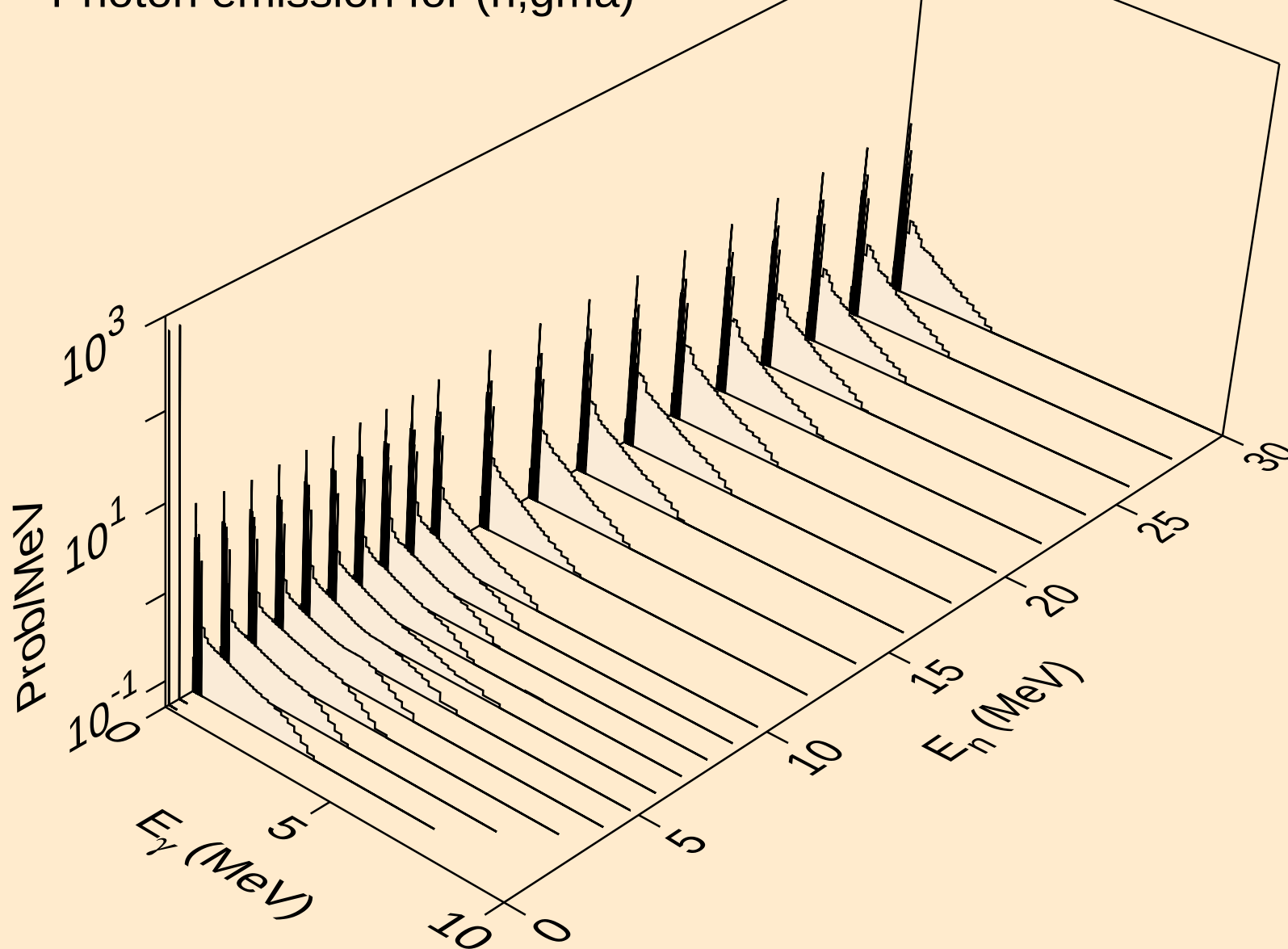
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



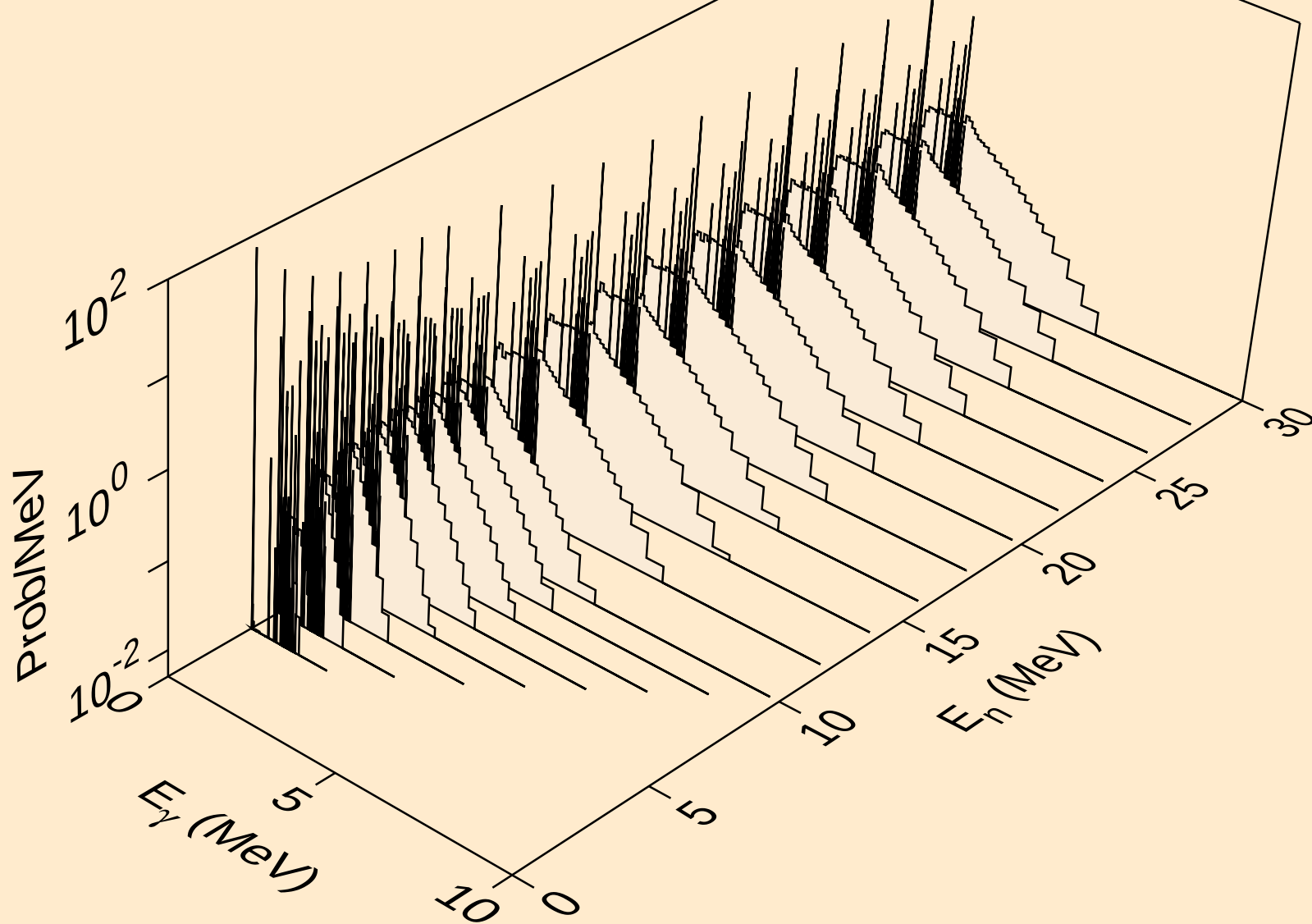
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,npa)



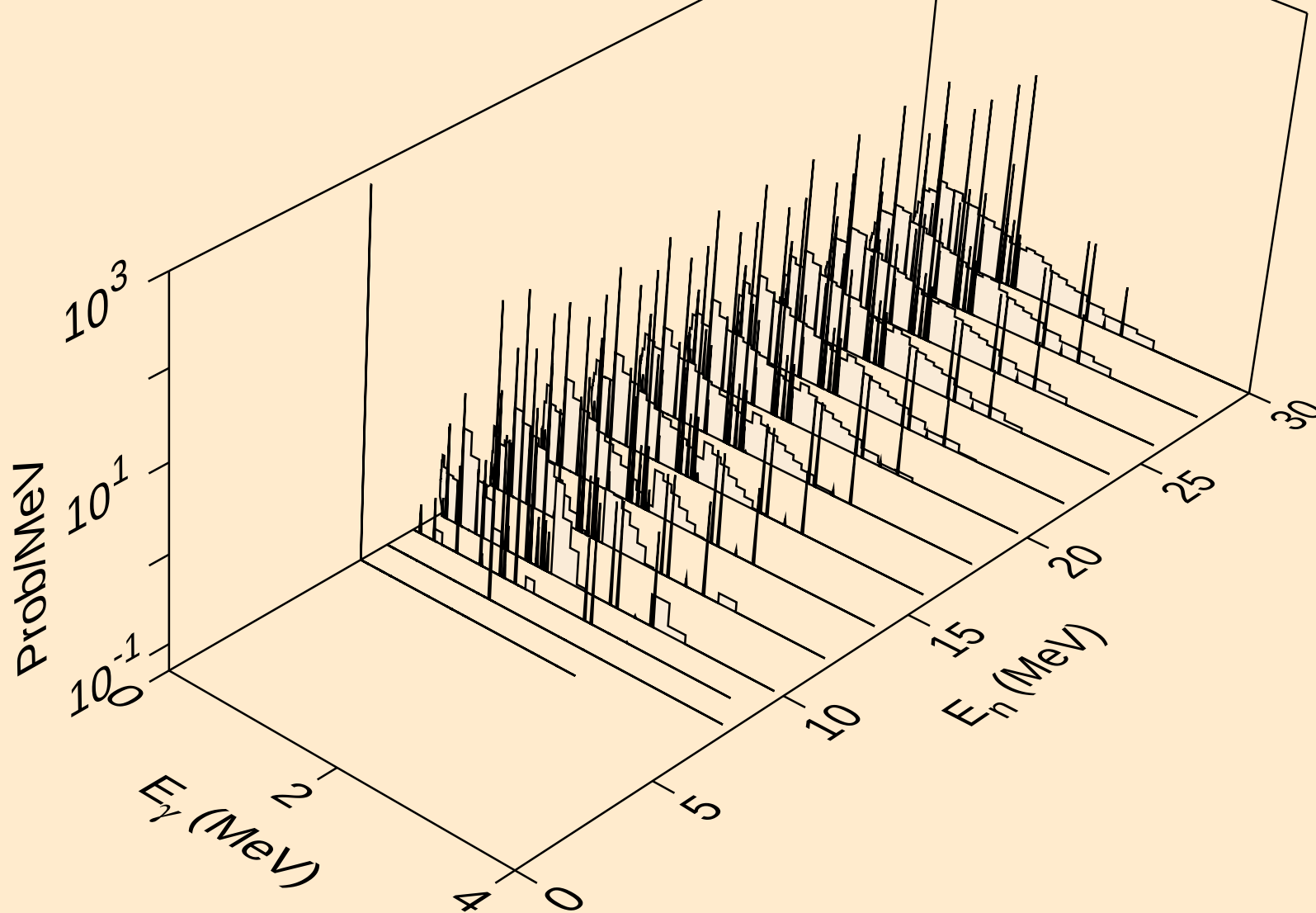
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Photon emission for (n,gma)



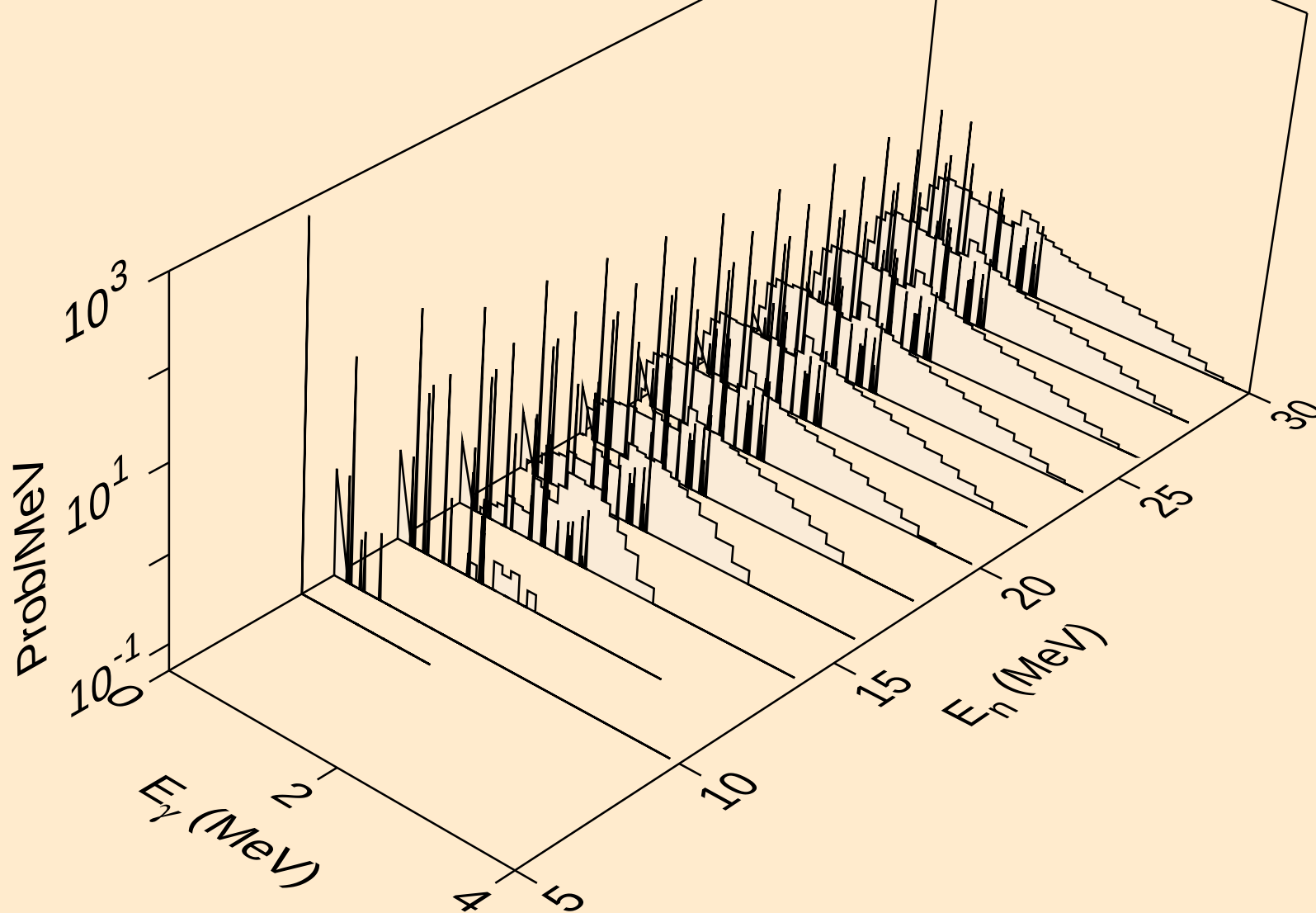
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



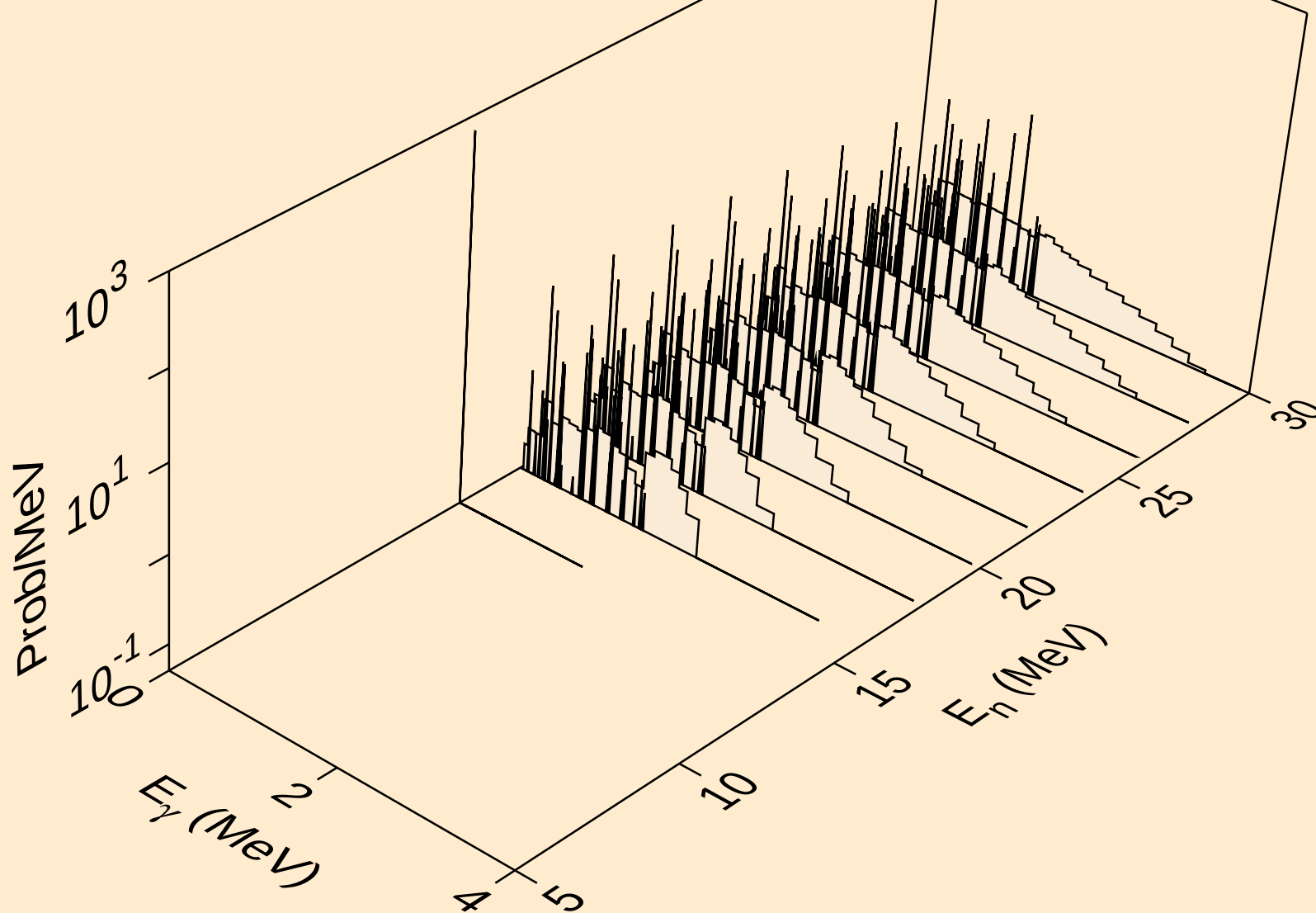
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,d)



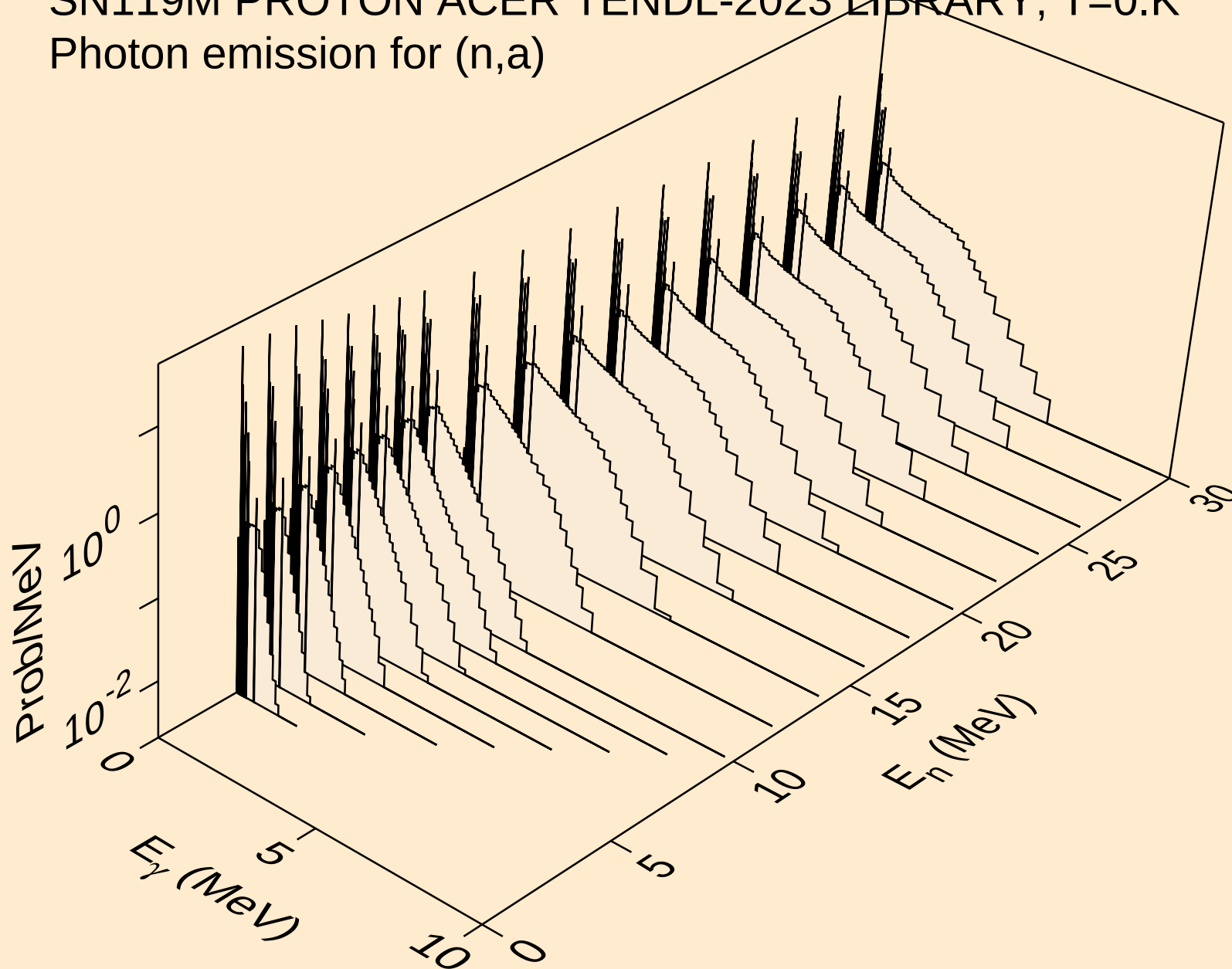
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,t)



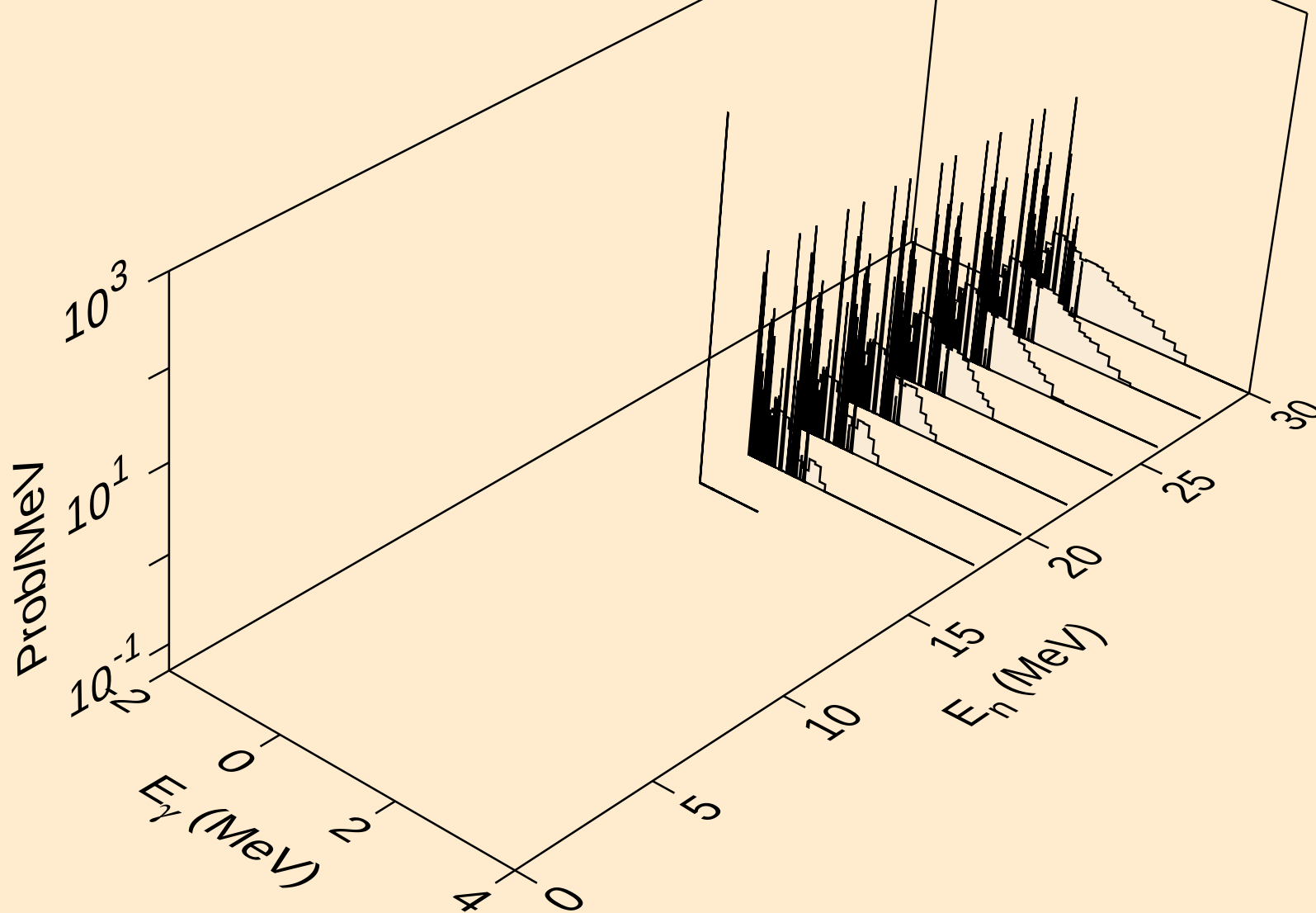
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,he3)



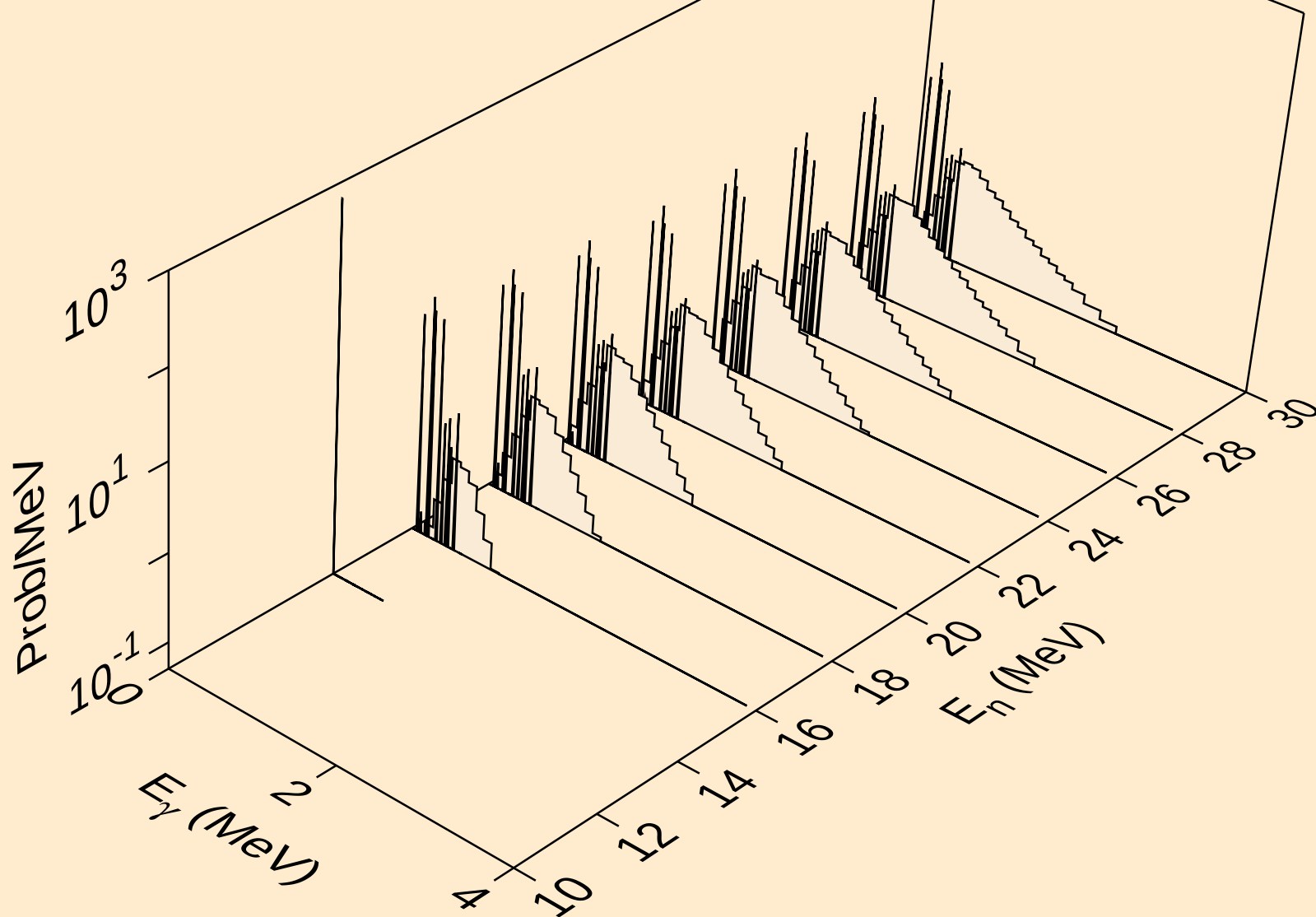
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Photon emission for (n,a)



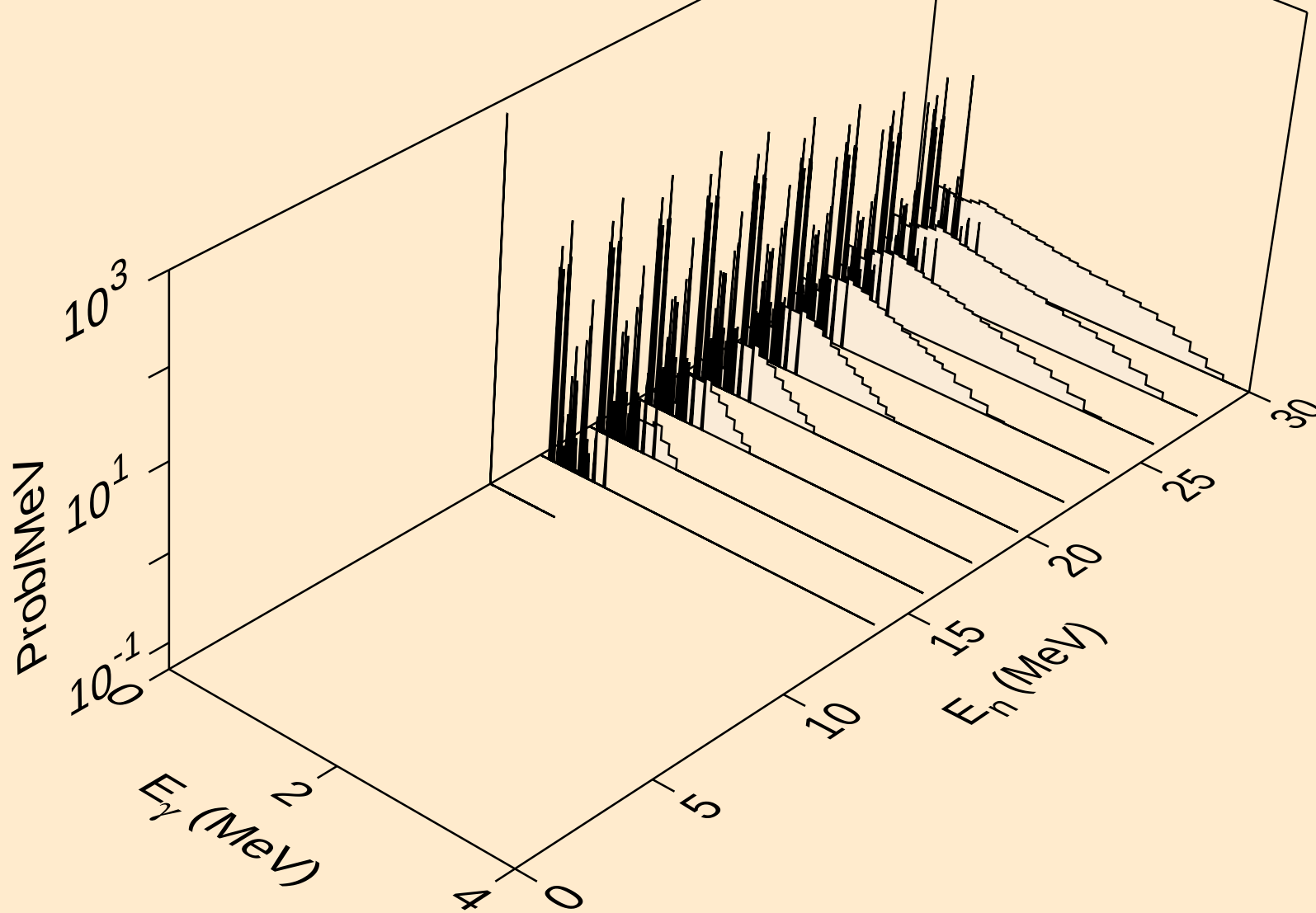
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2a)



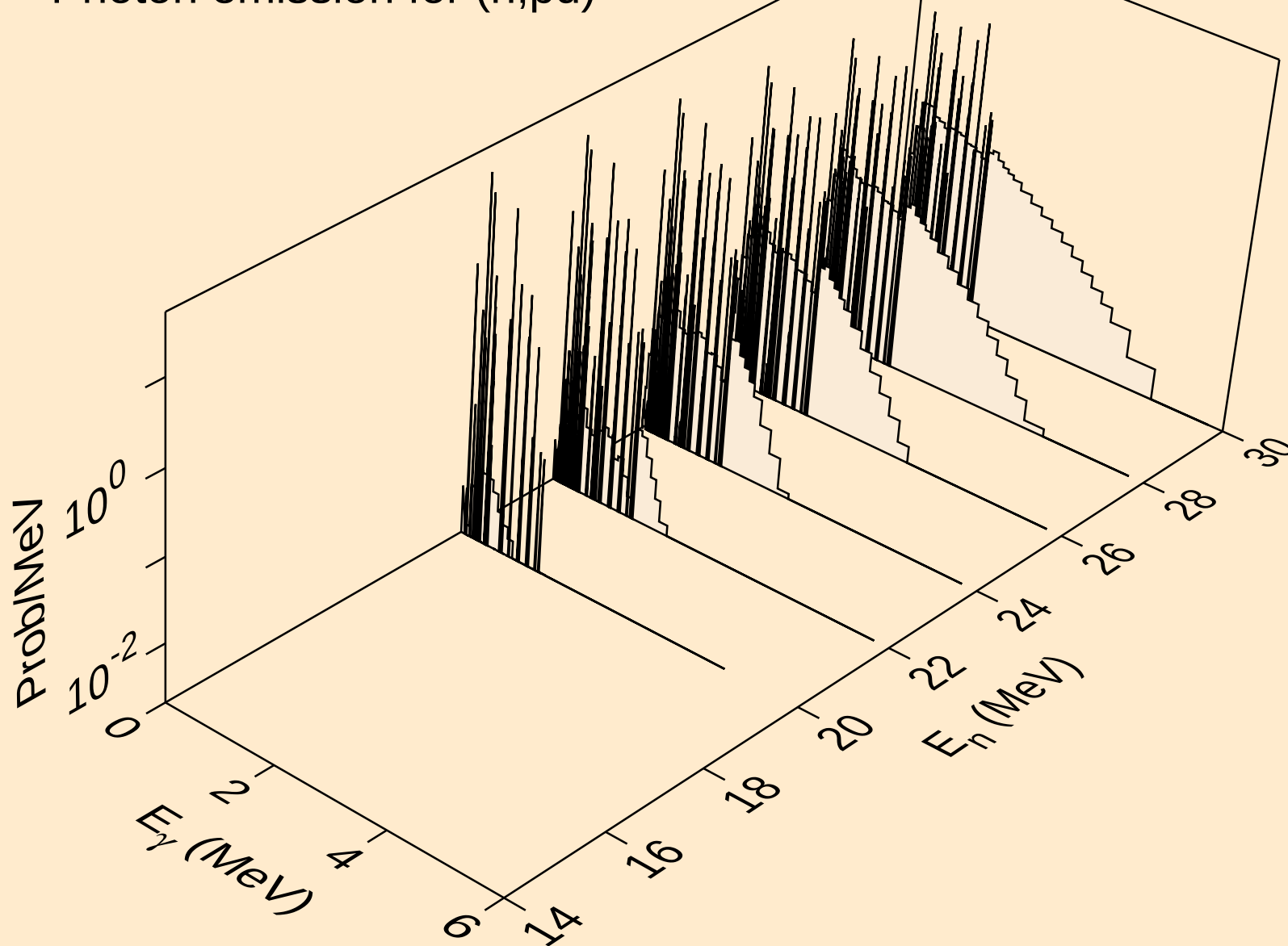
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2p)



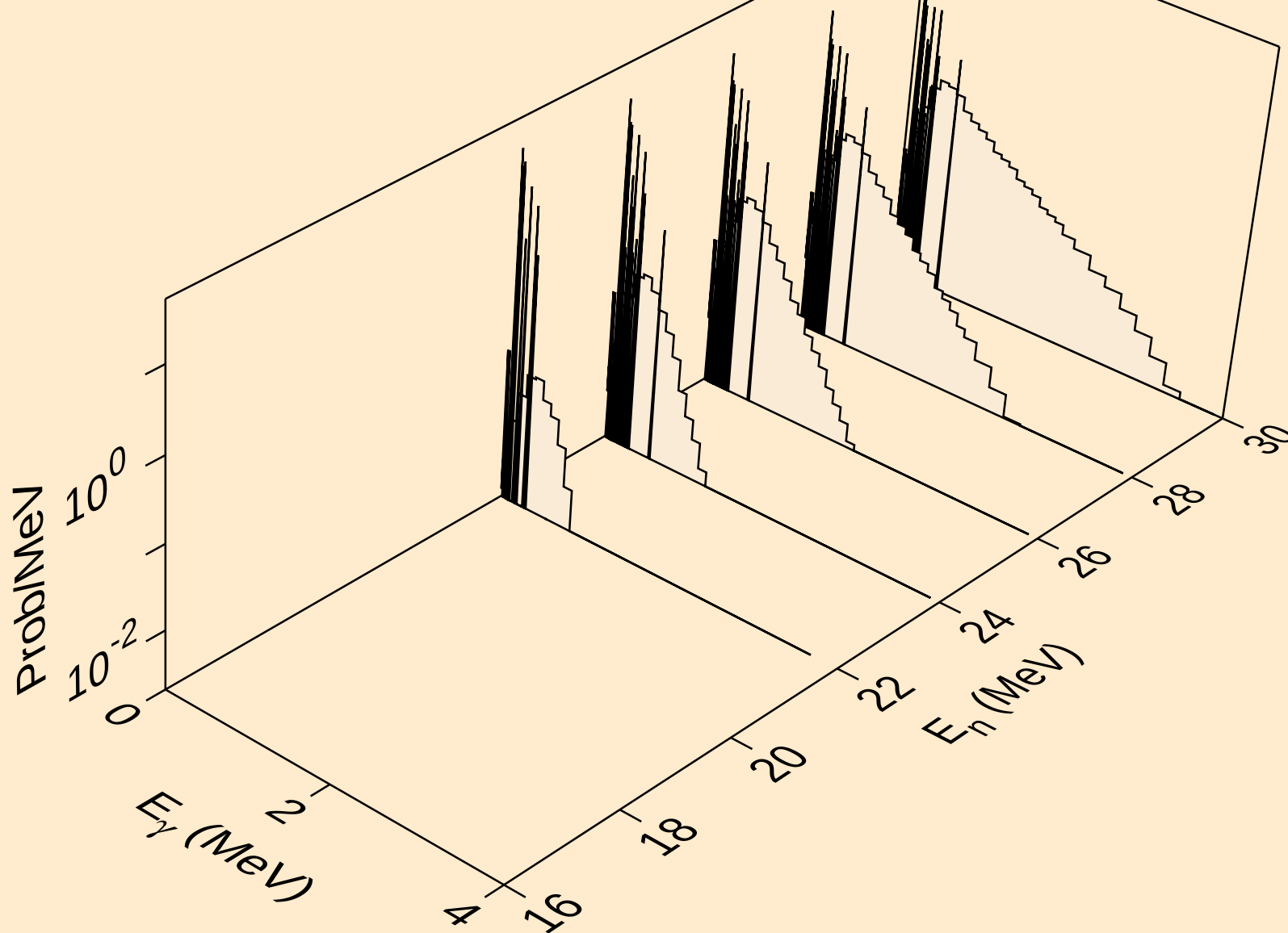
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p)



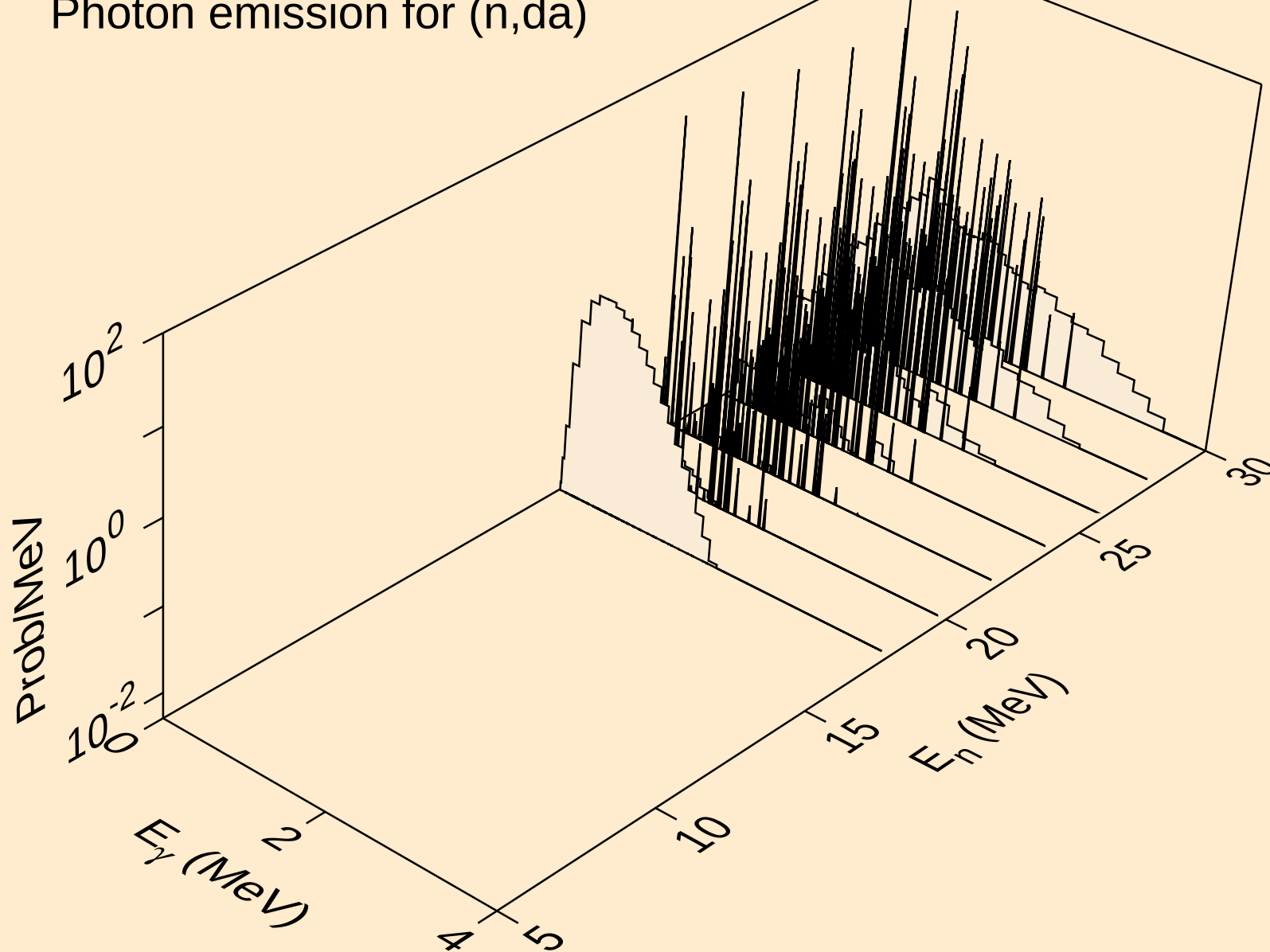
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)

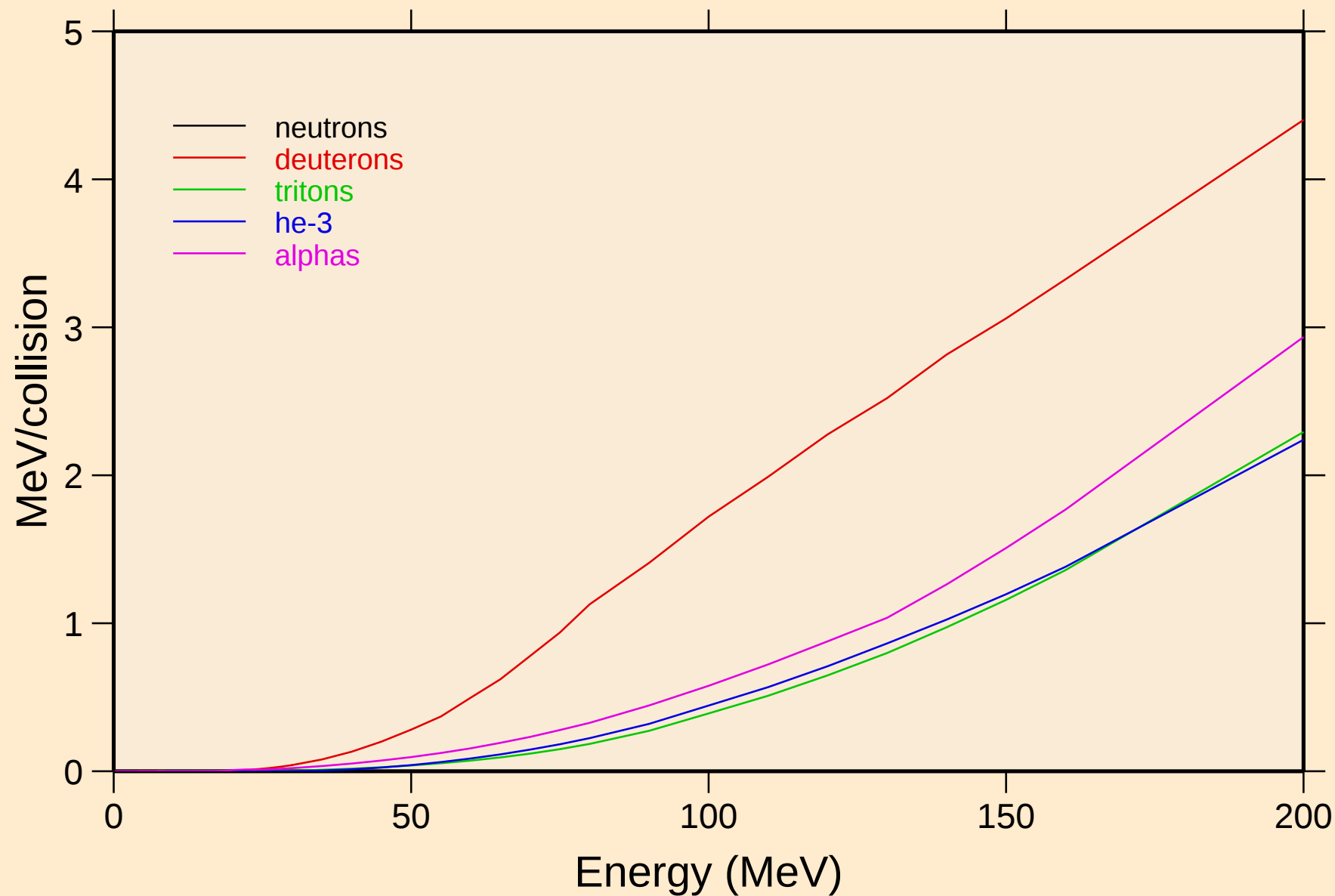


SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)

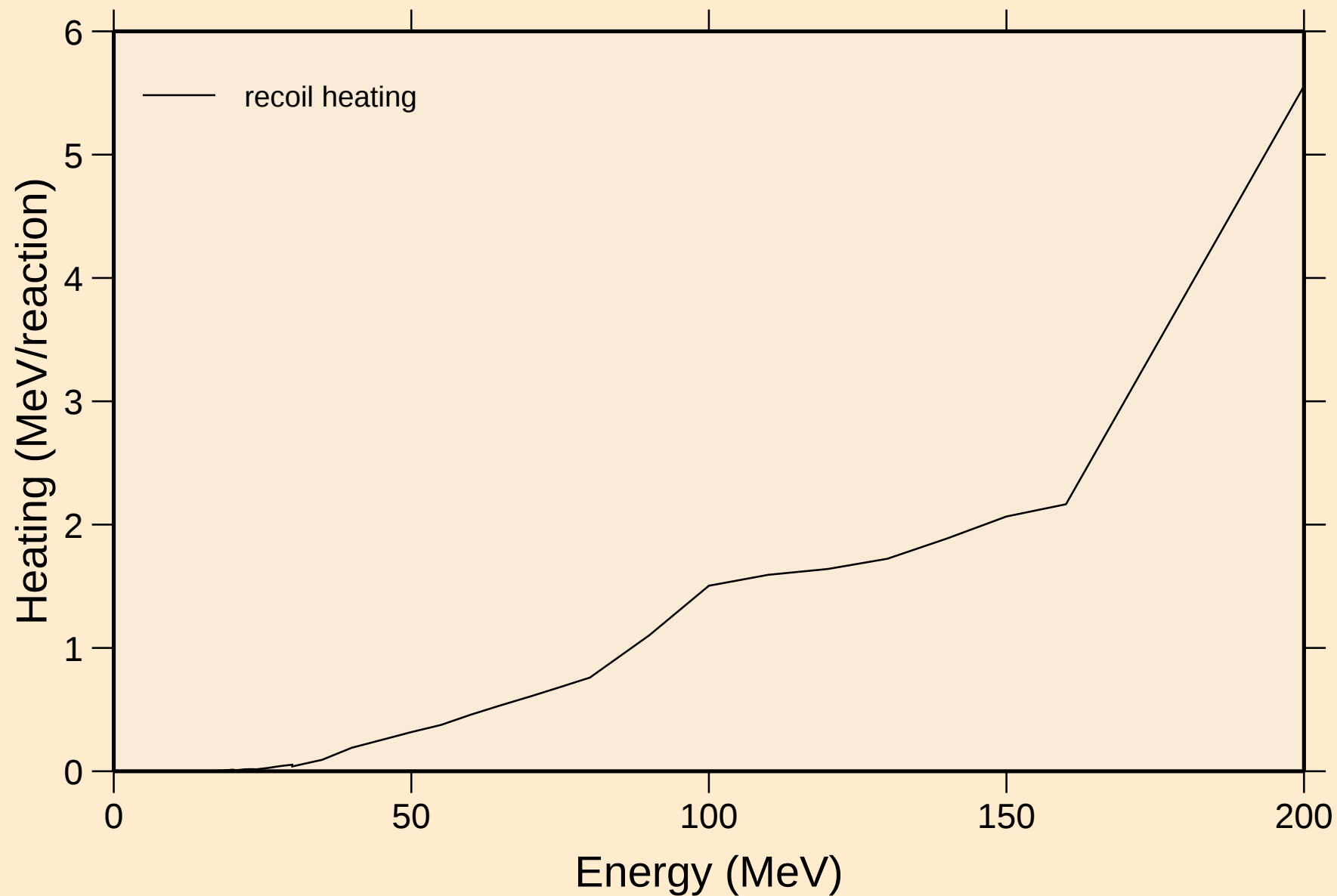


SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

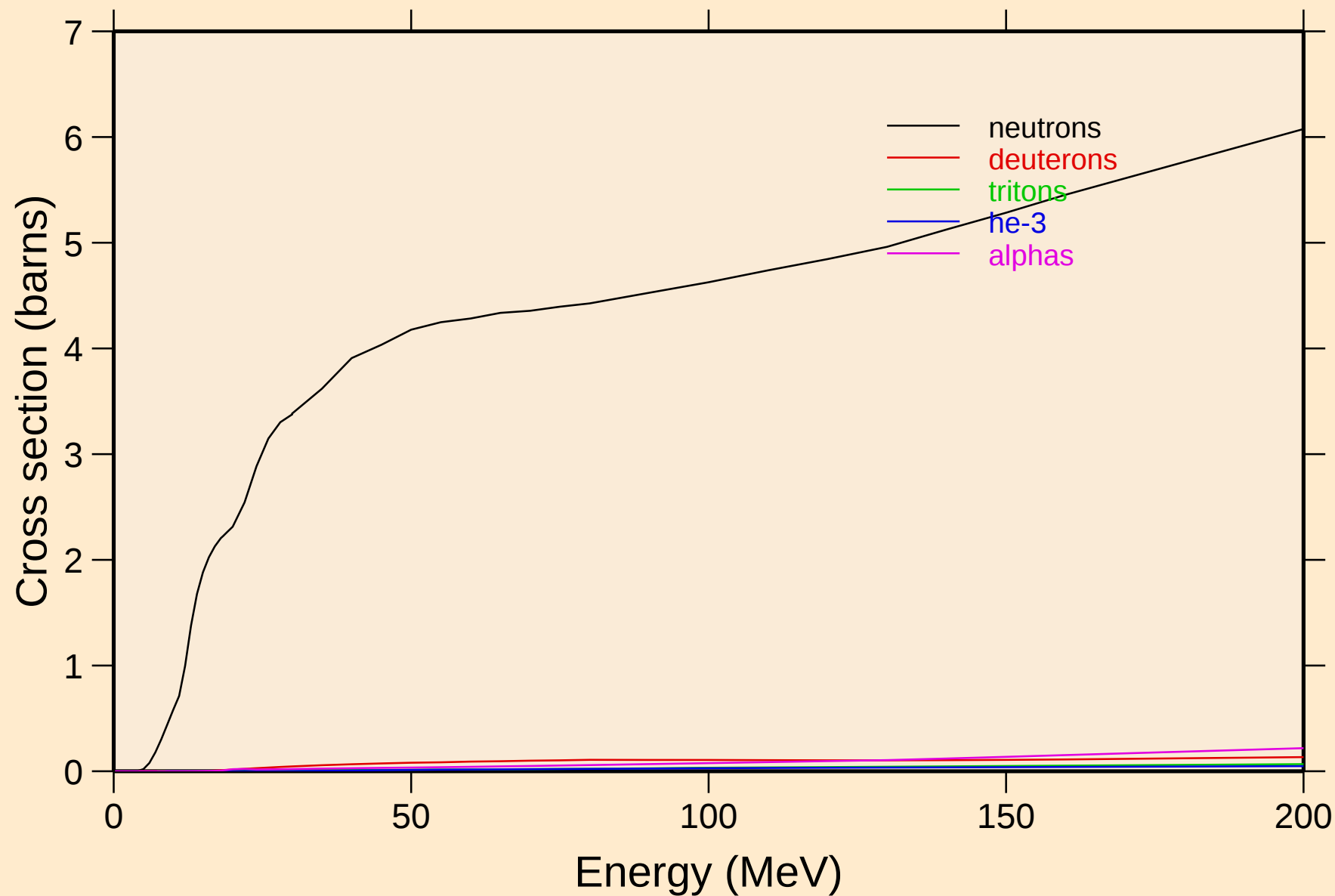


SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

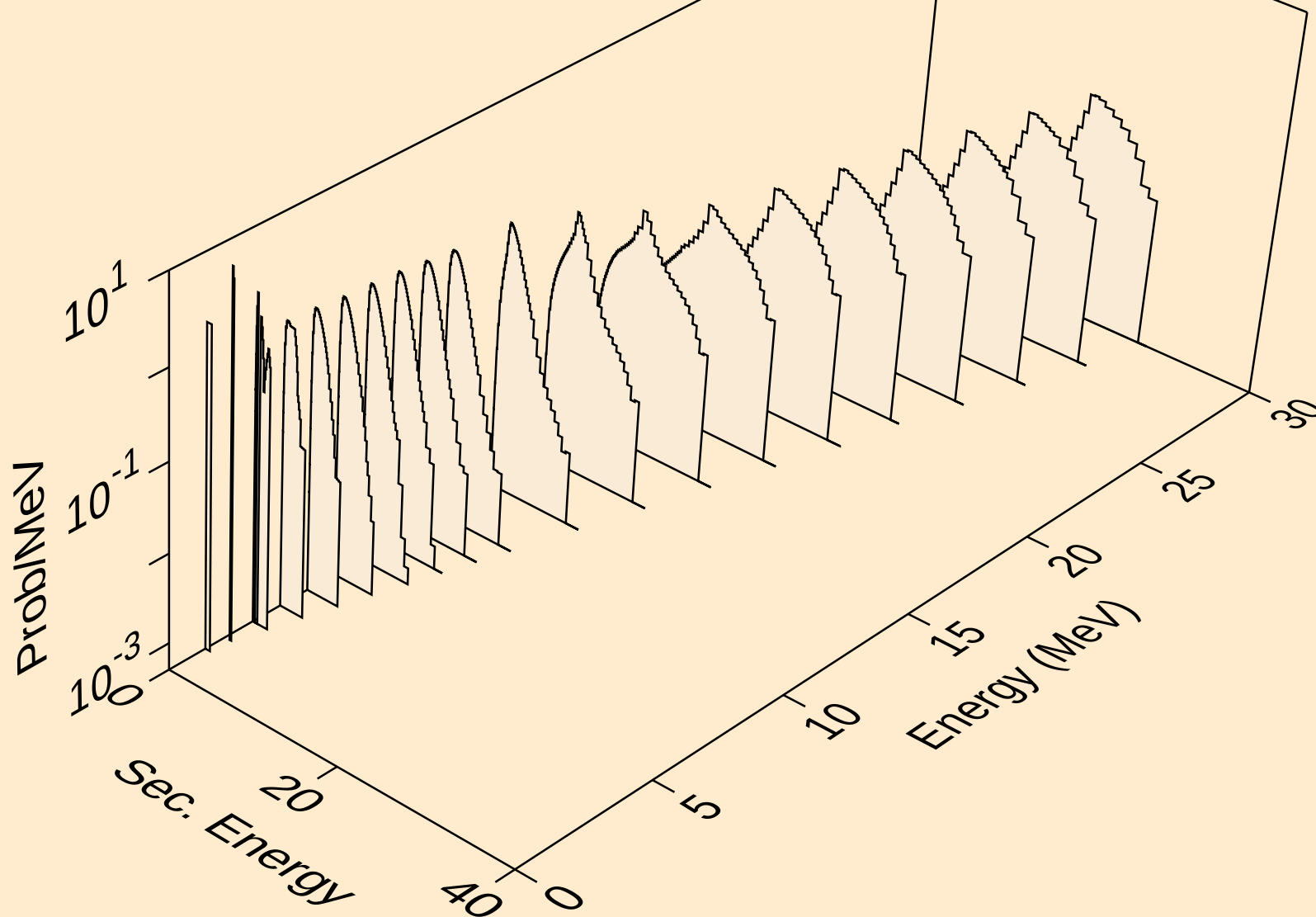


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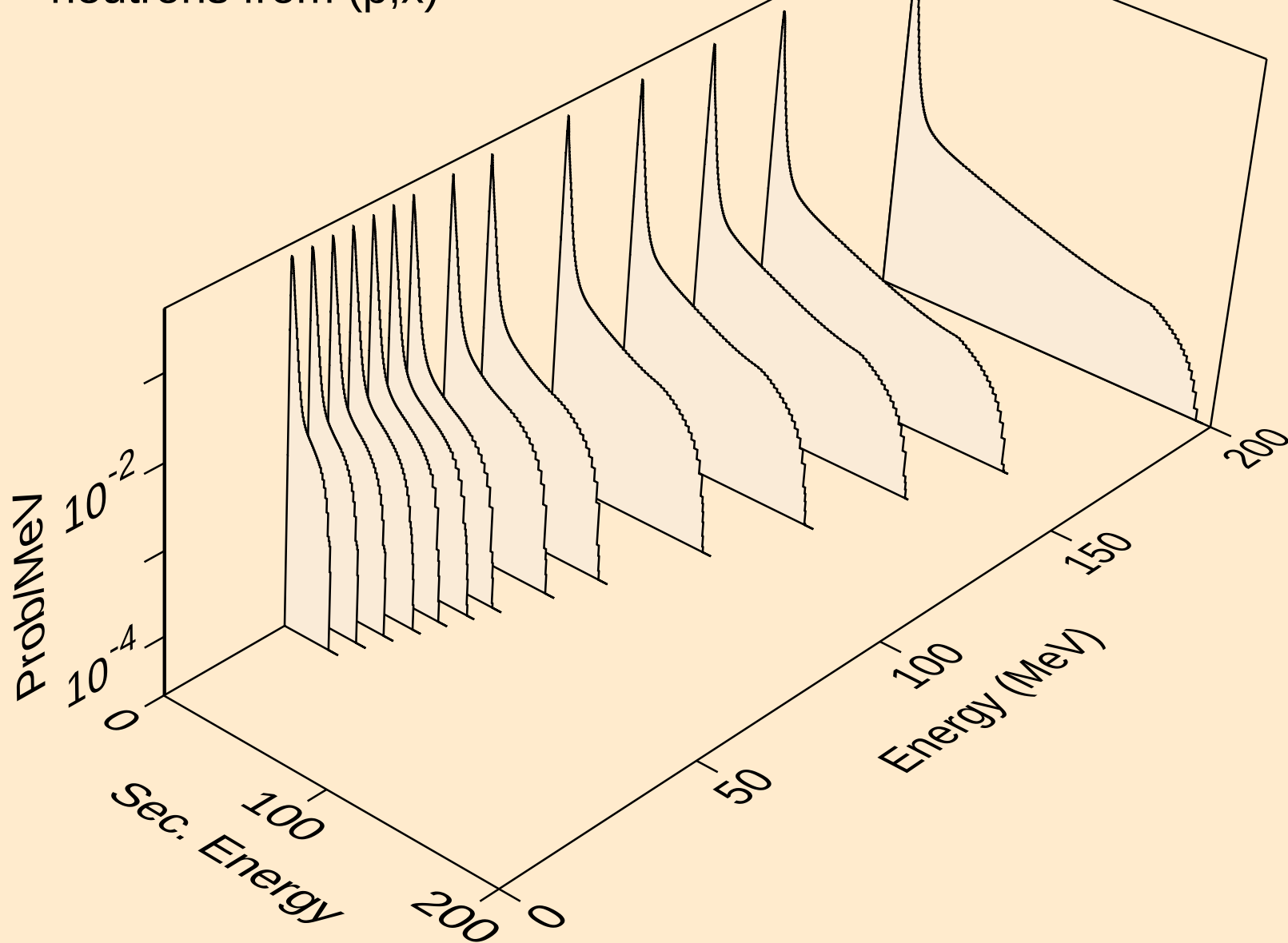
Particle production cross sections



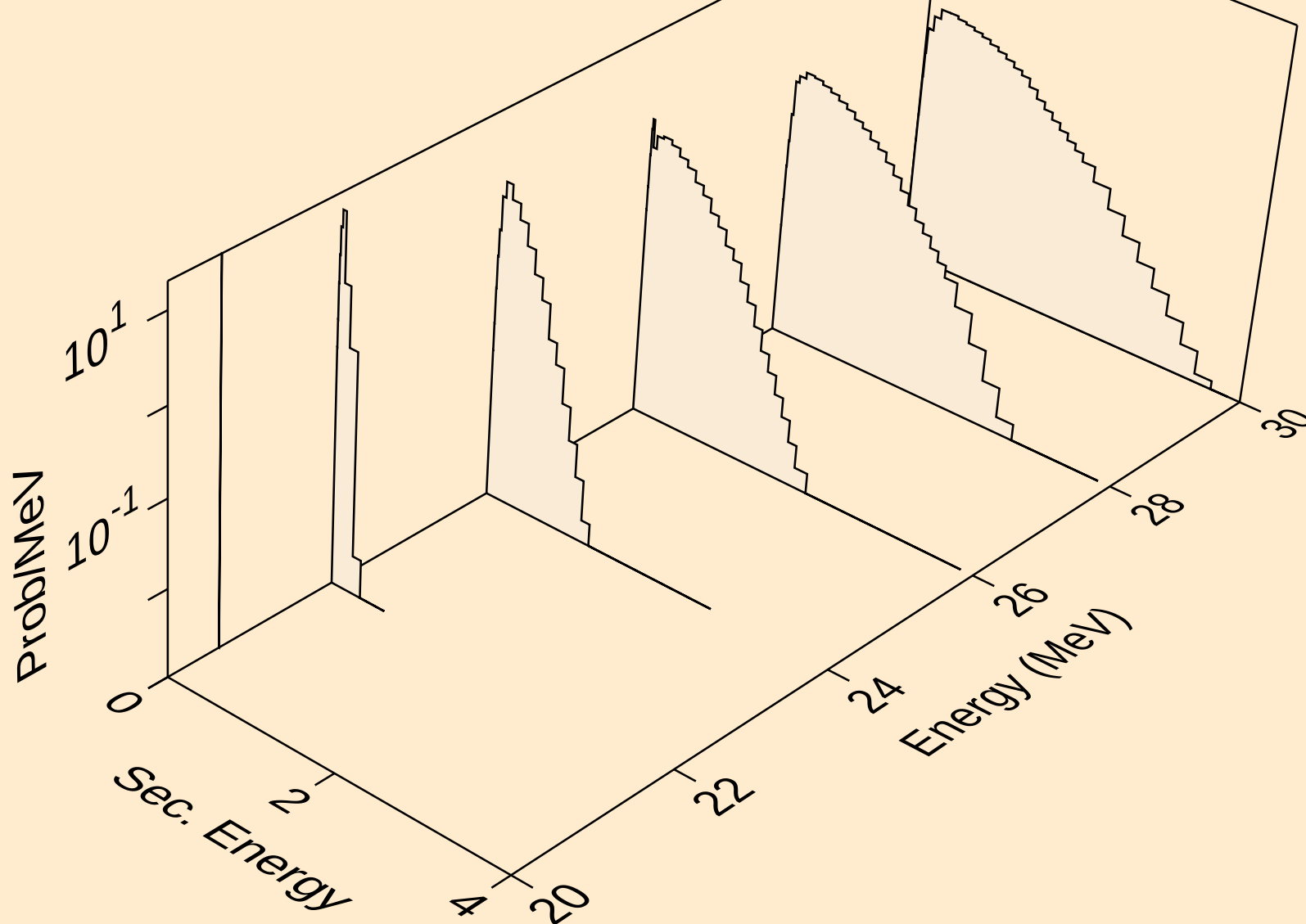
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



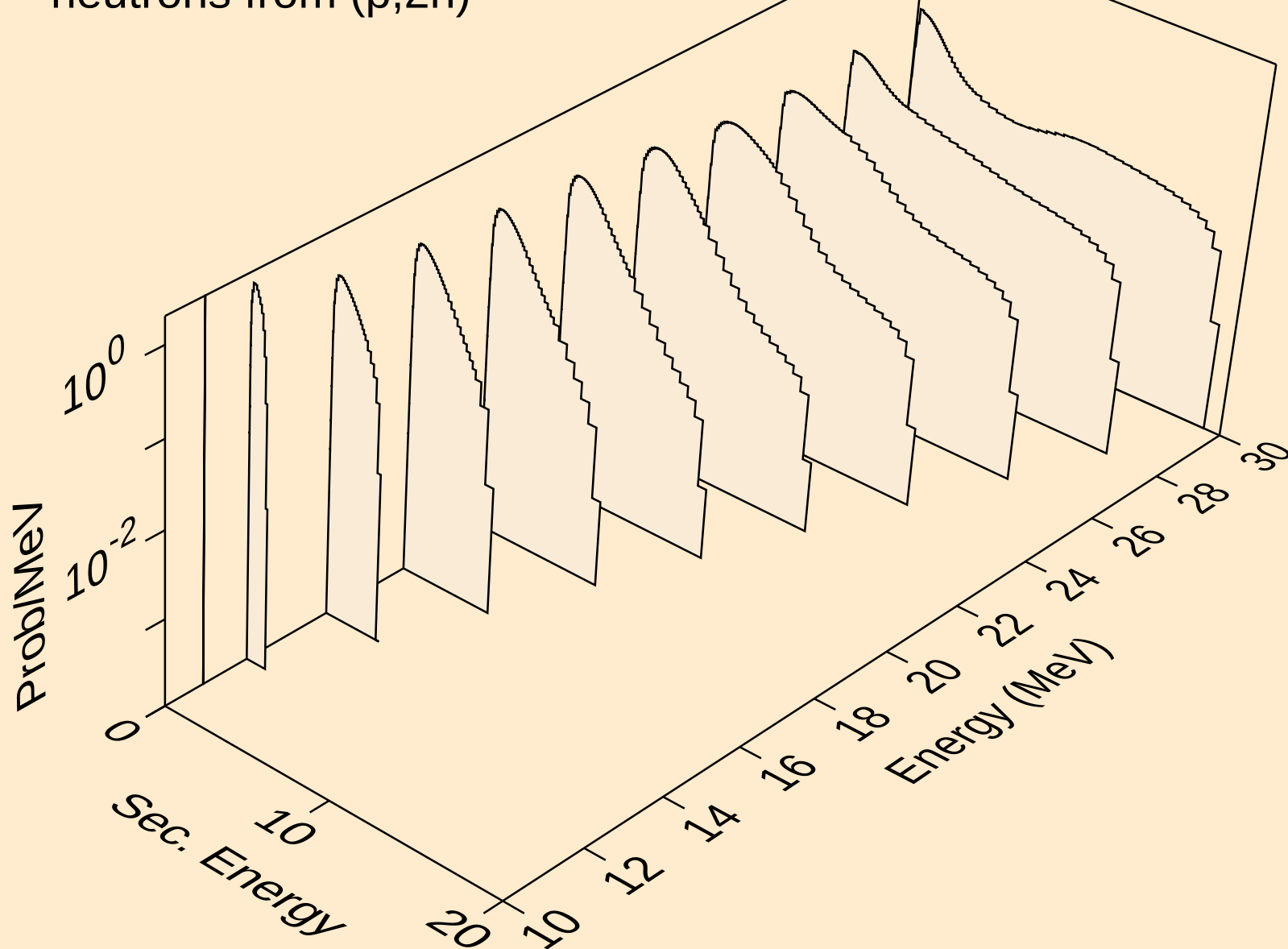
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



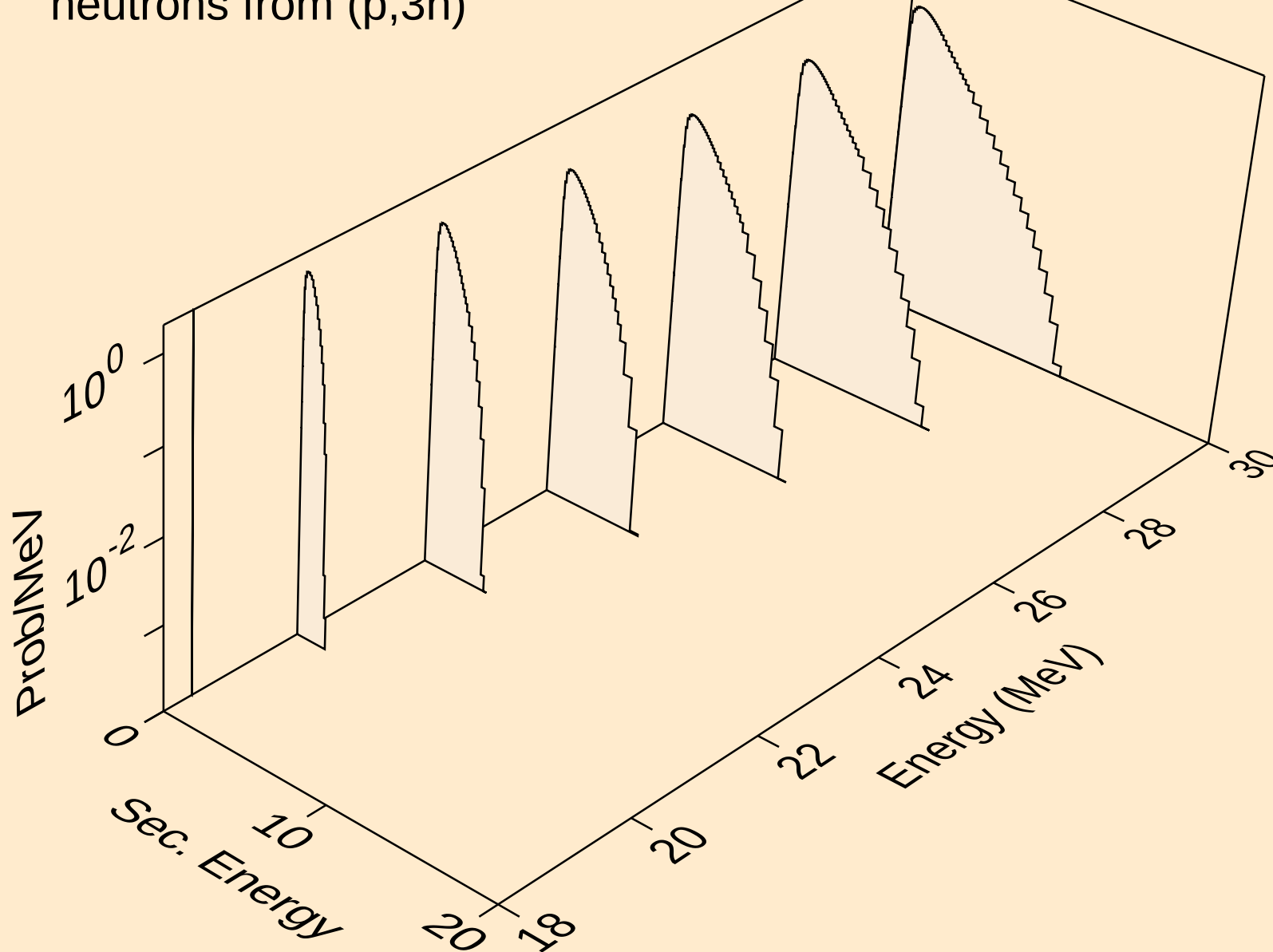
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



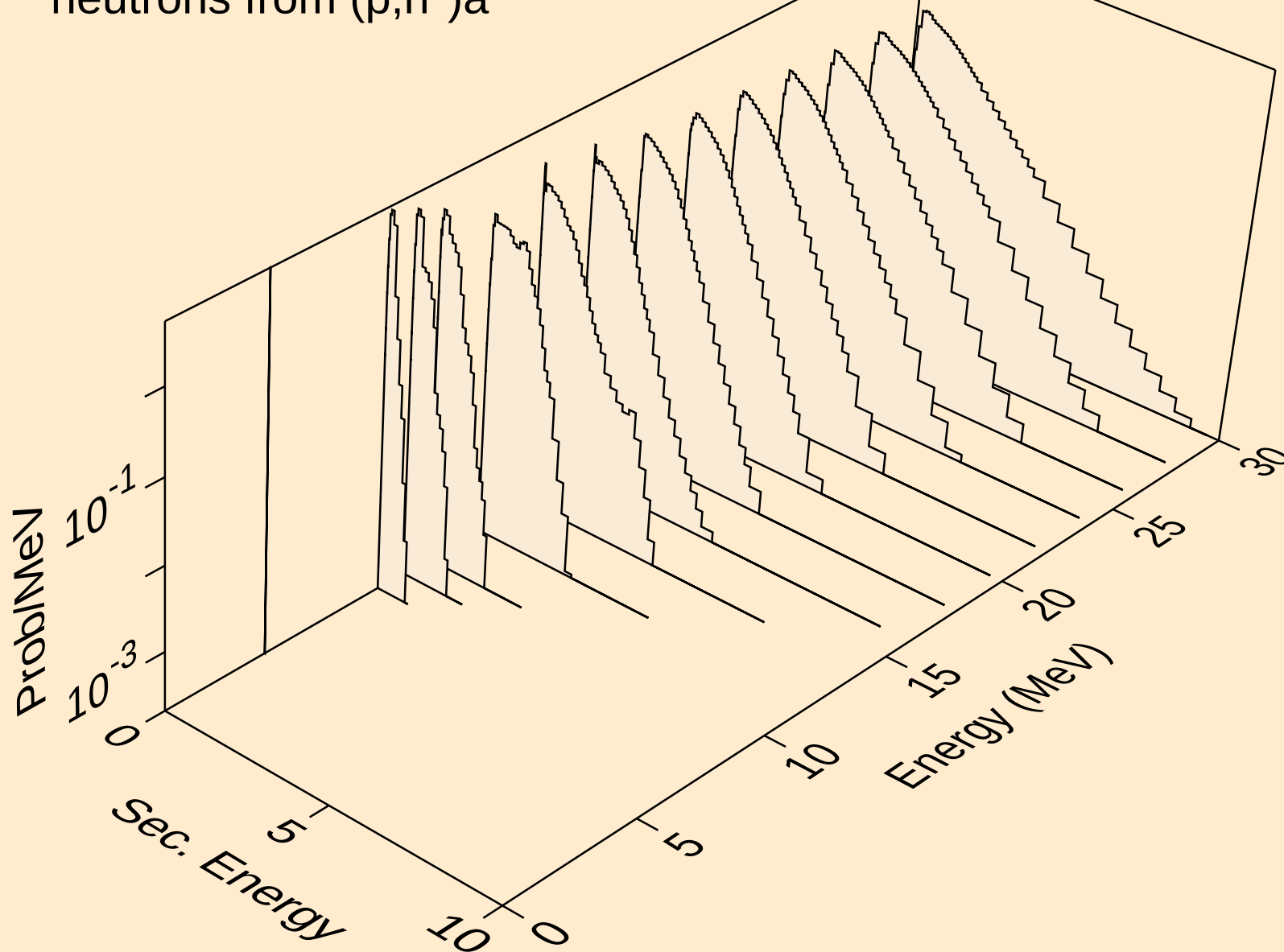
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neutrons from (p,2n)



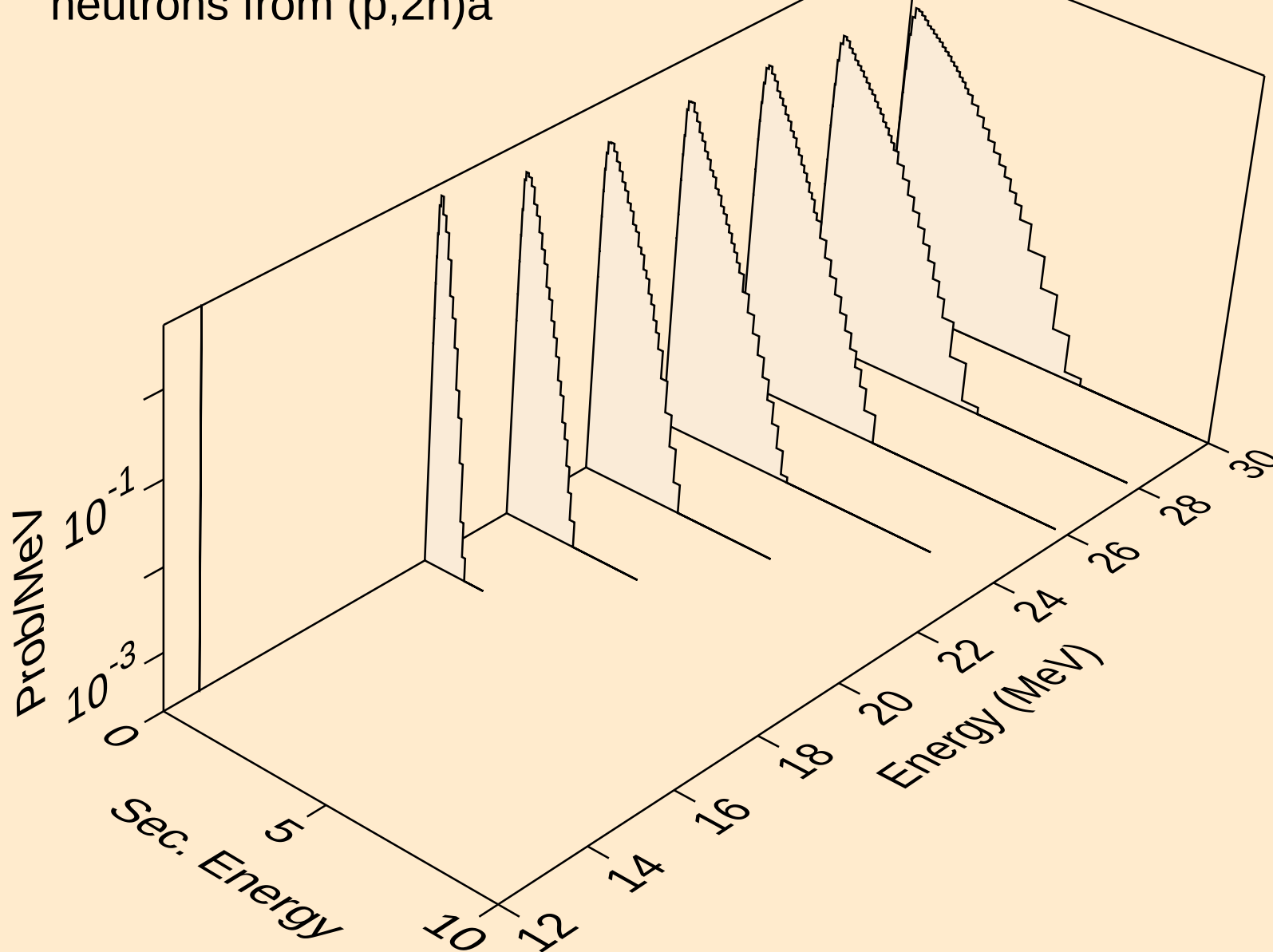
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neutrons from (p,3n)



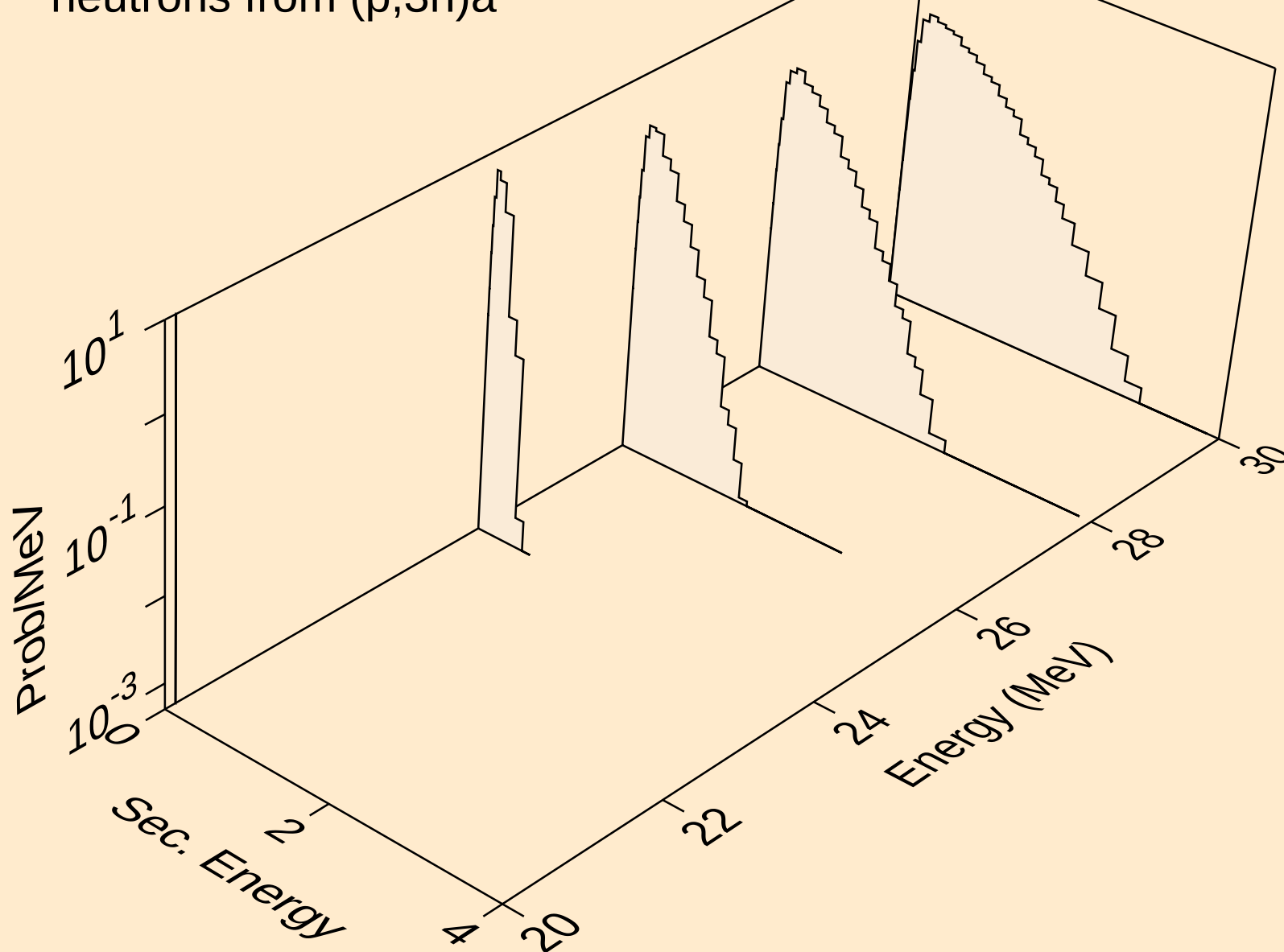
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)a$



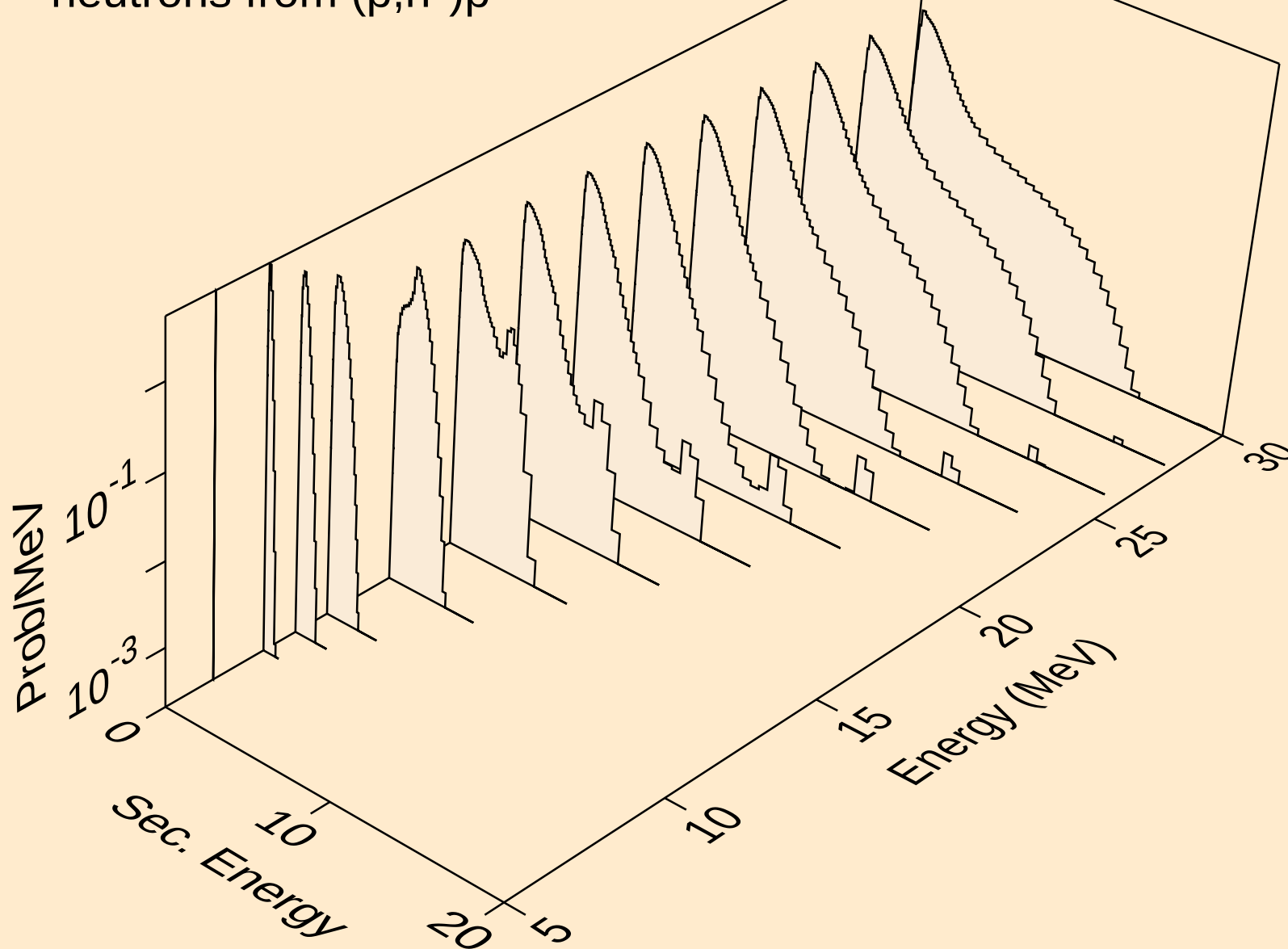
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neutrons from (p,2n)a



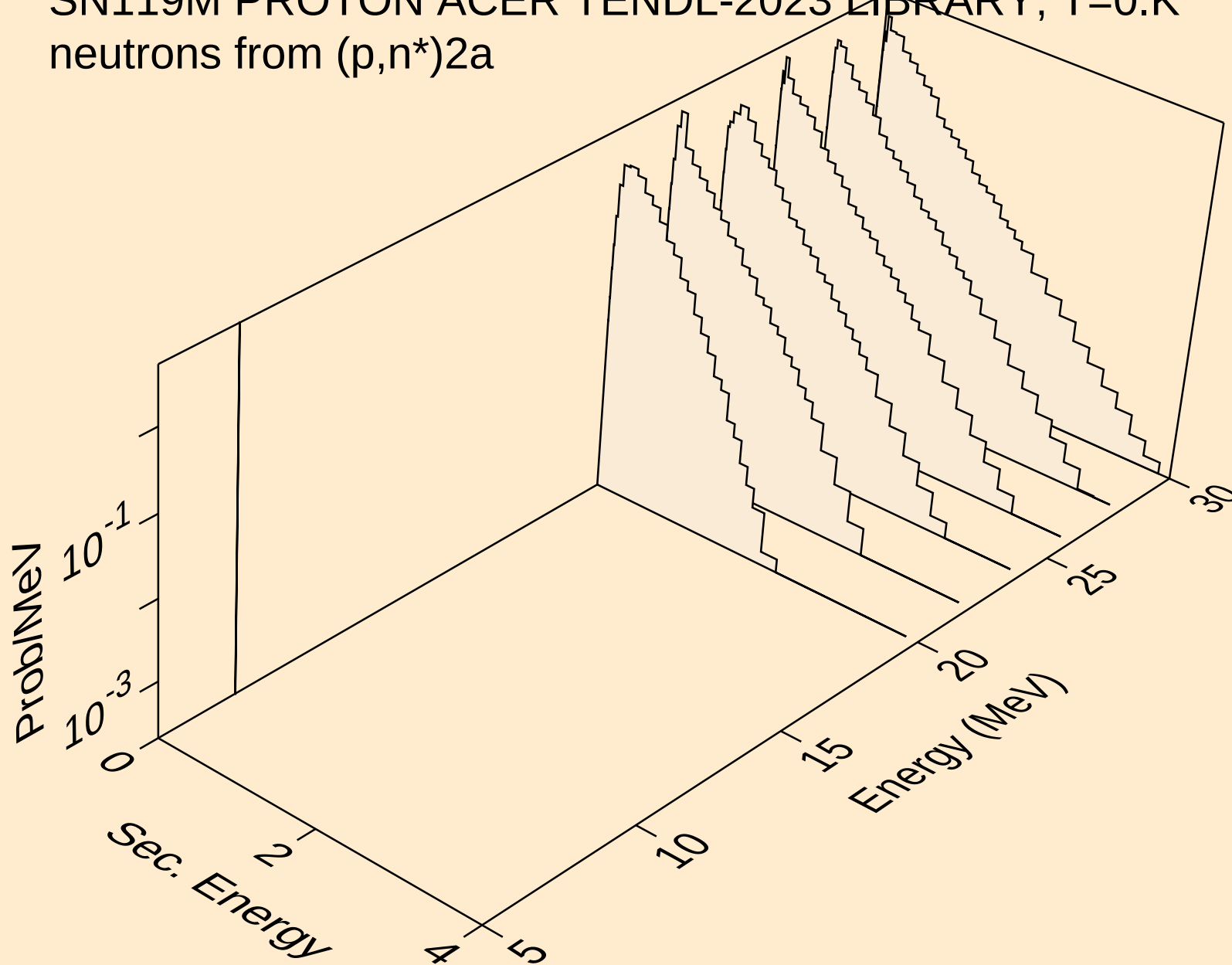
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neutrons from (p,3n)a



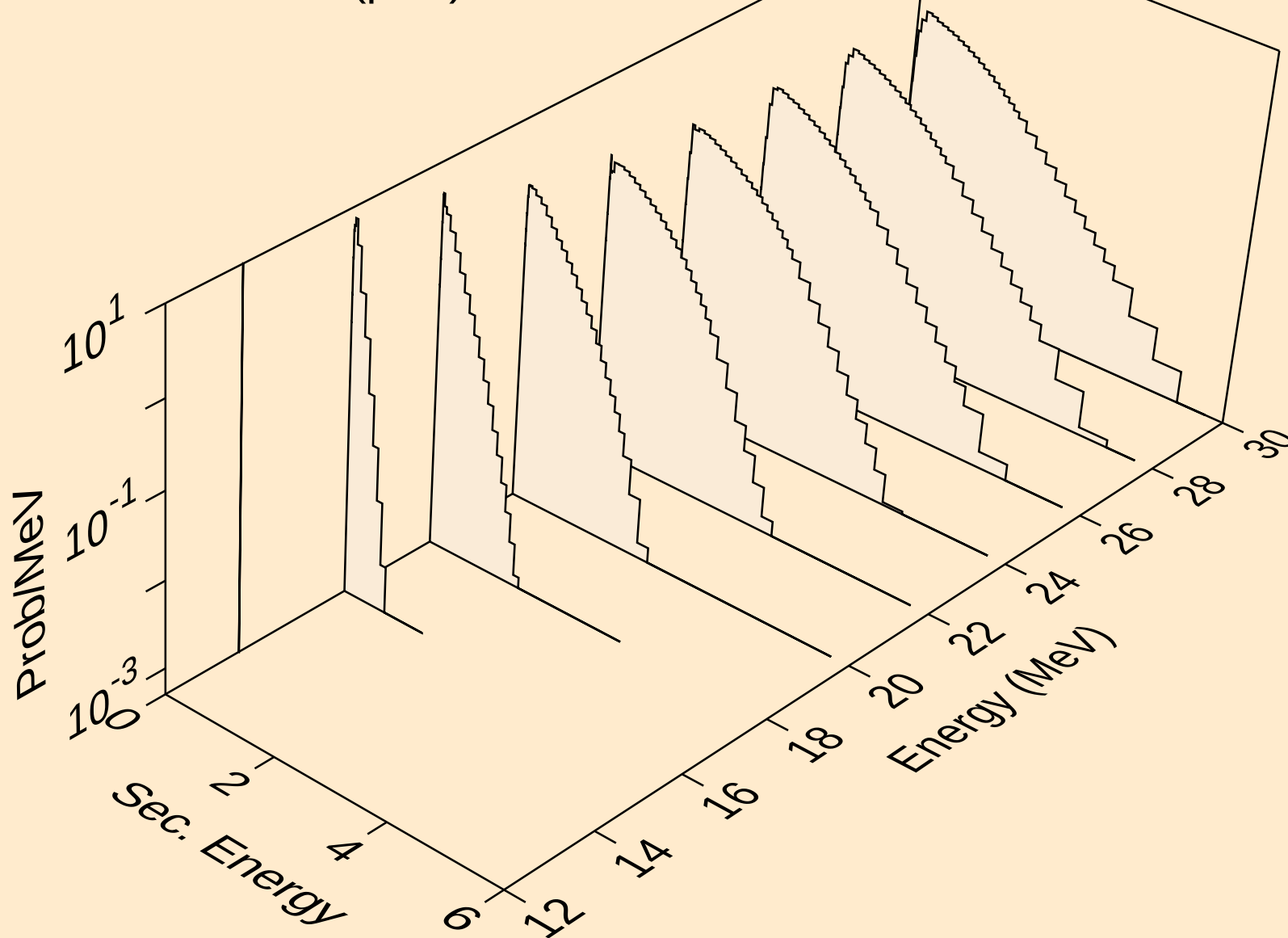
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neutrons from (p,n*)p



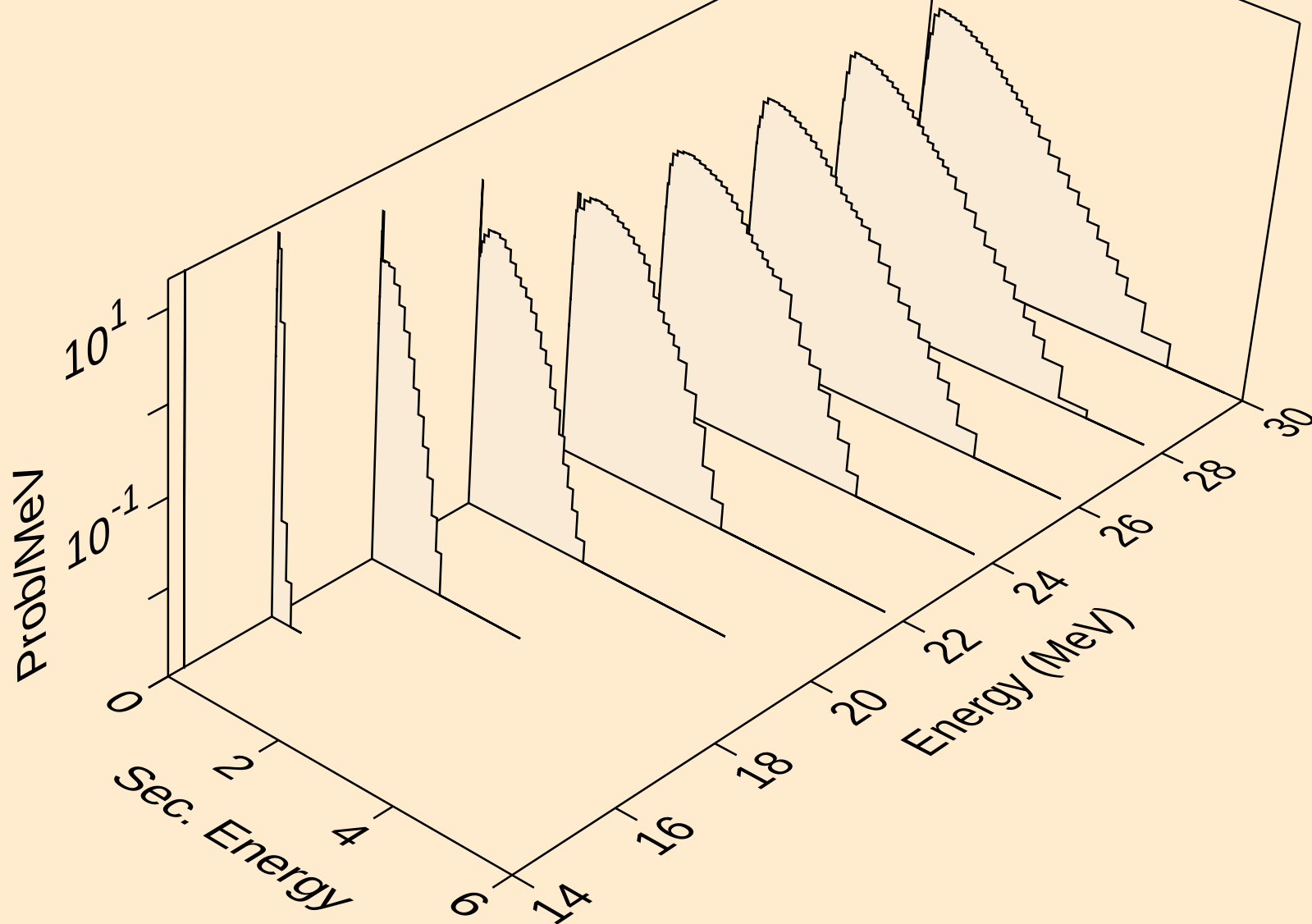
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neutrons from (p,n*)2a



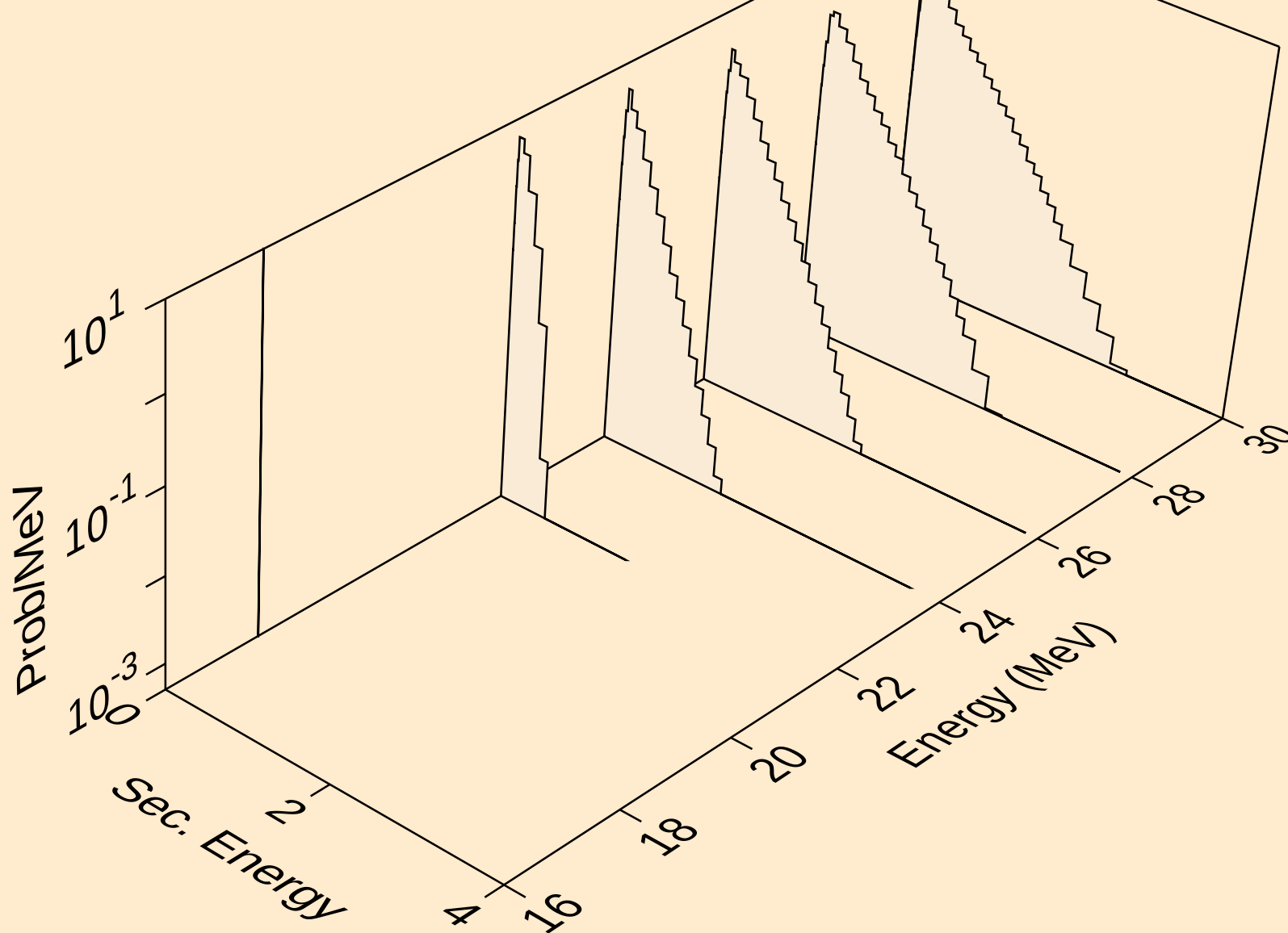
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neutrons from $(p,n^*)d$



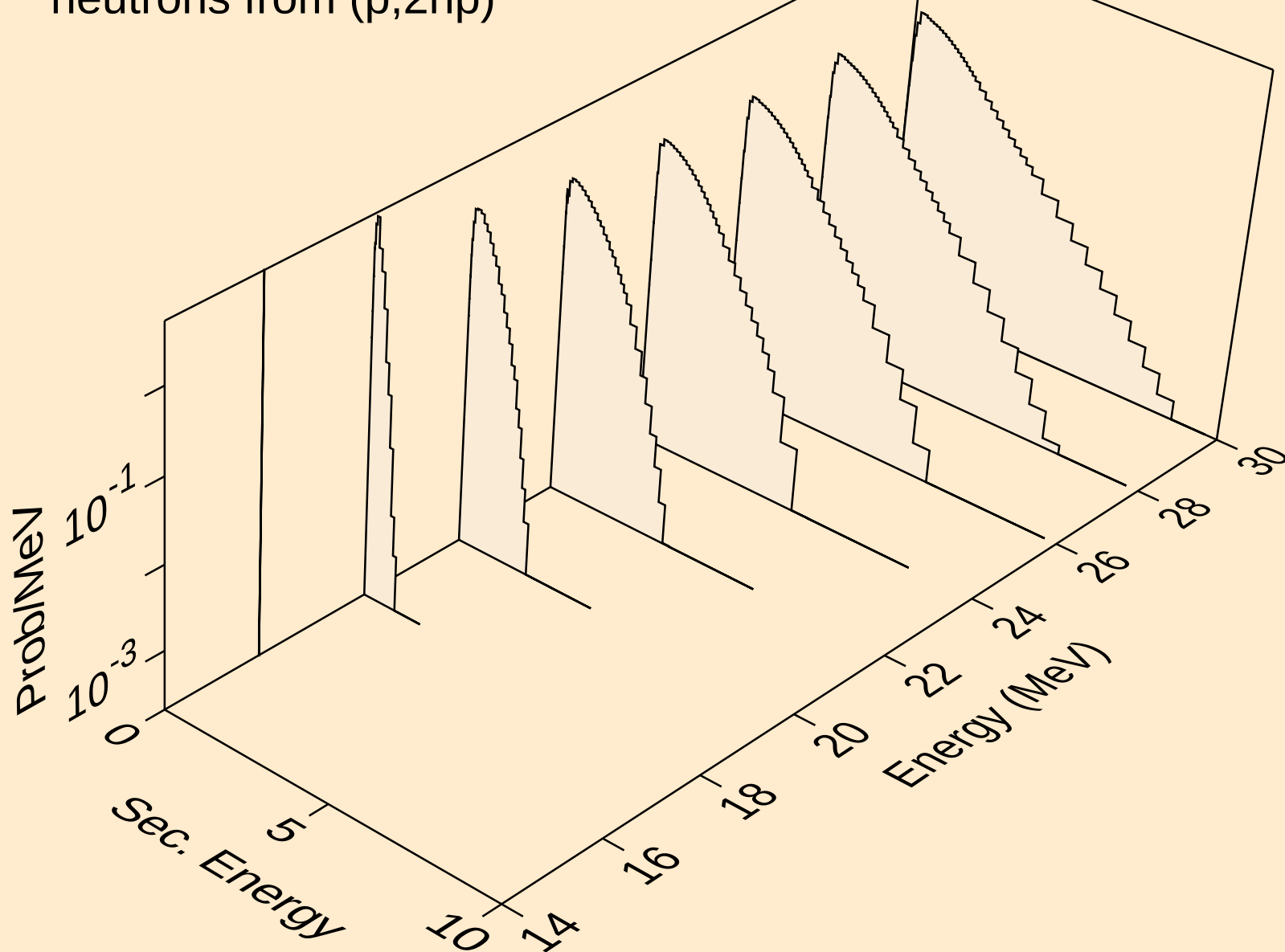
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neutrons from $(p,n^*)t$



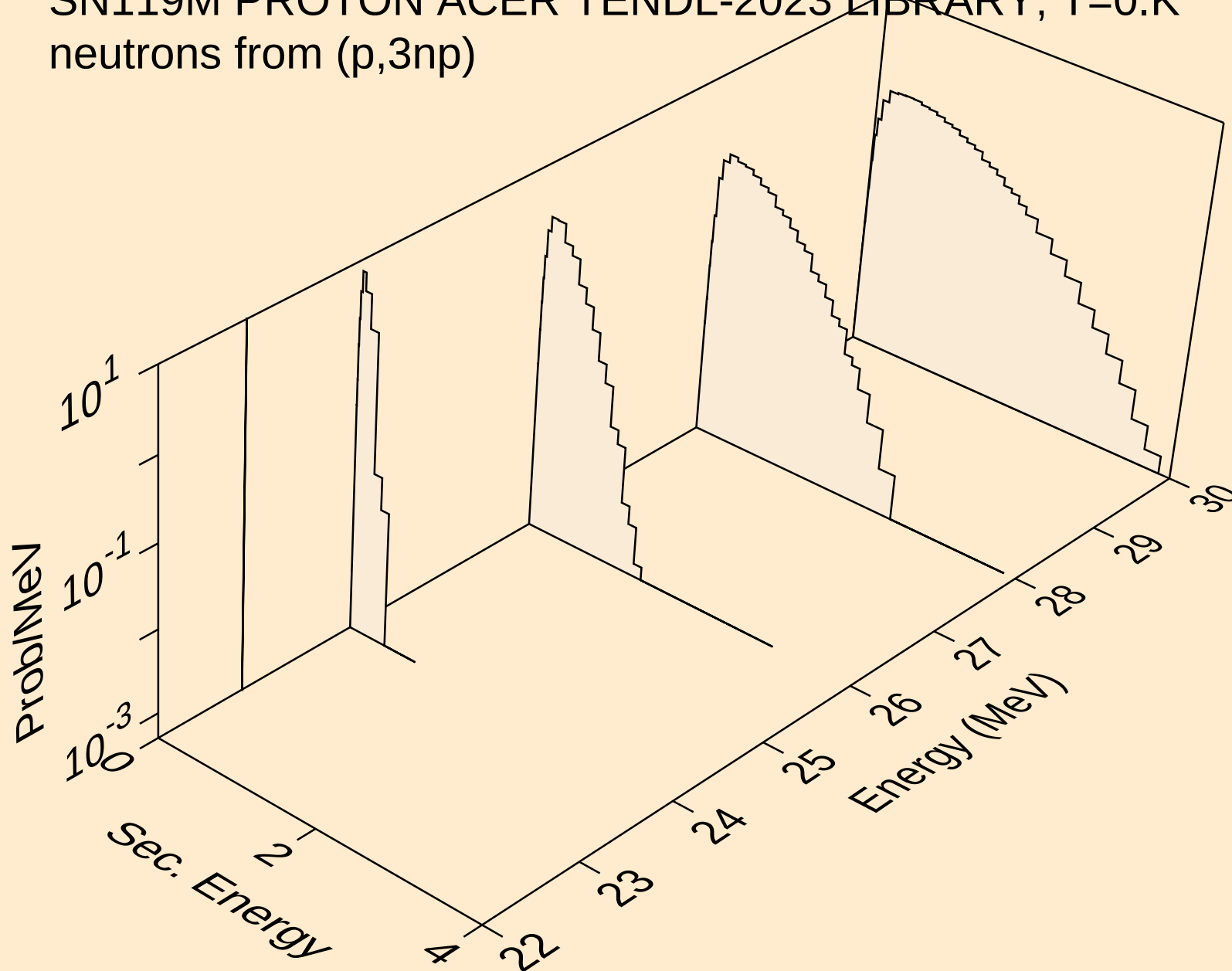
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)\text{he3}$



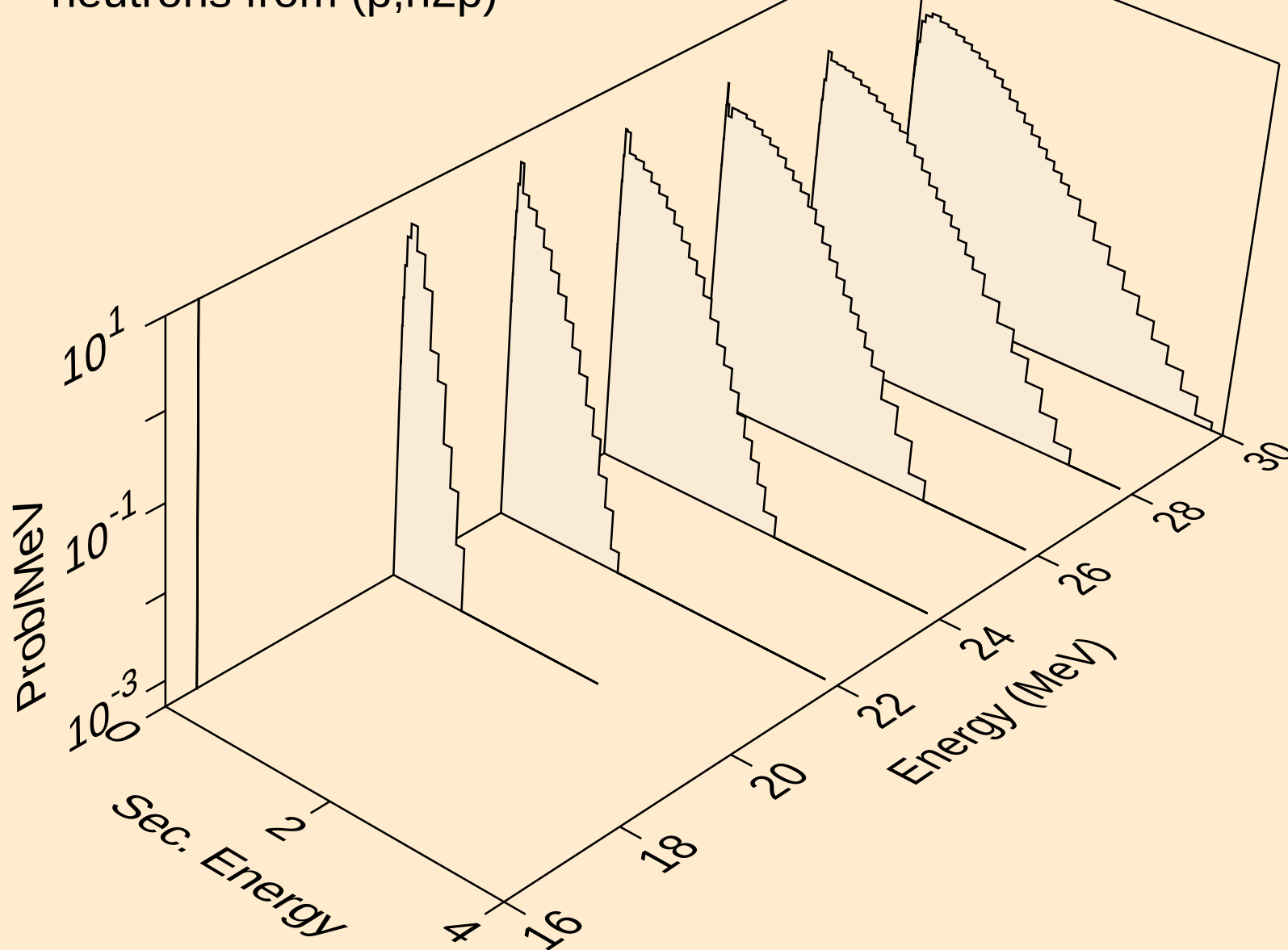
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from (p,2np)



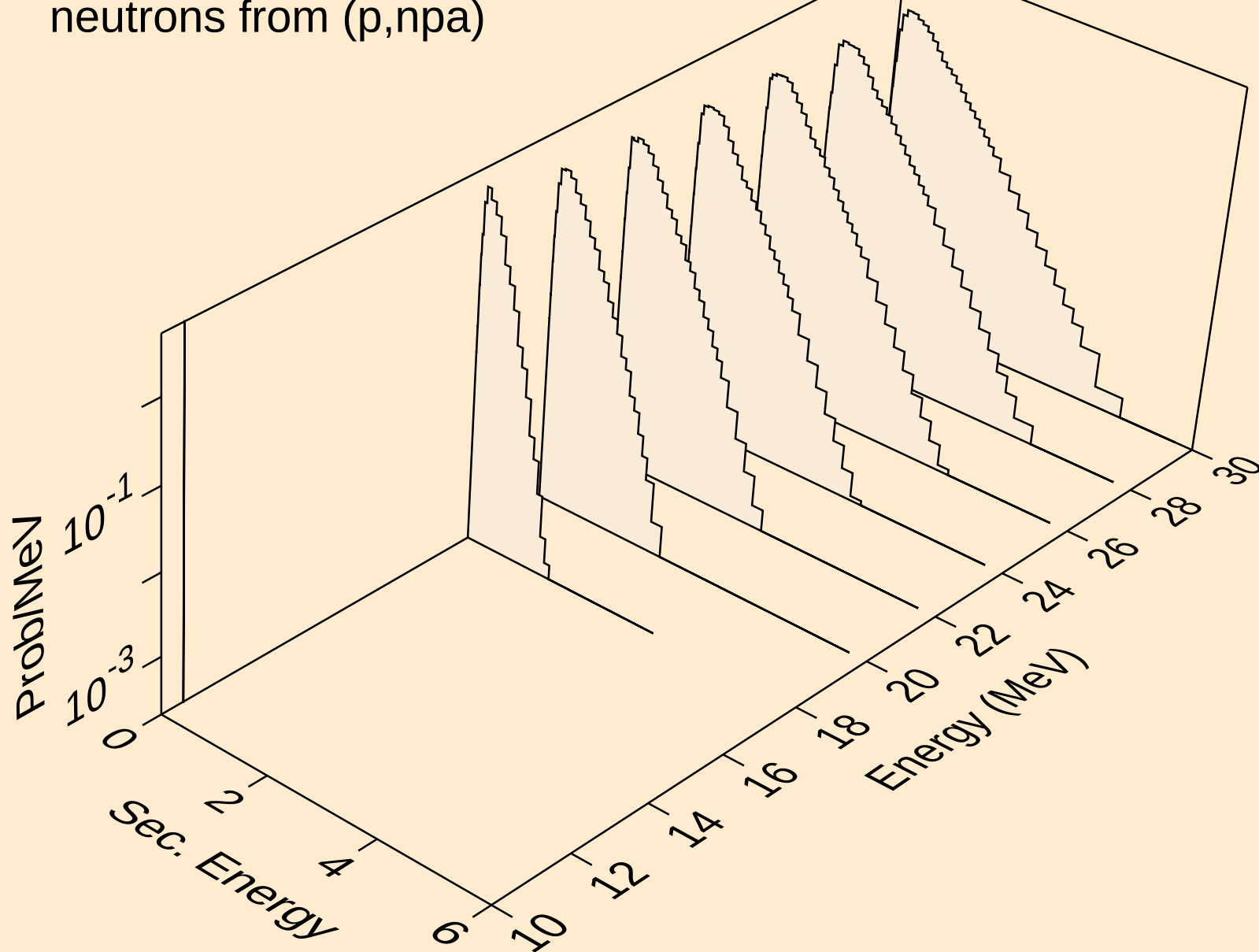
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from (p,3np)



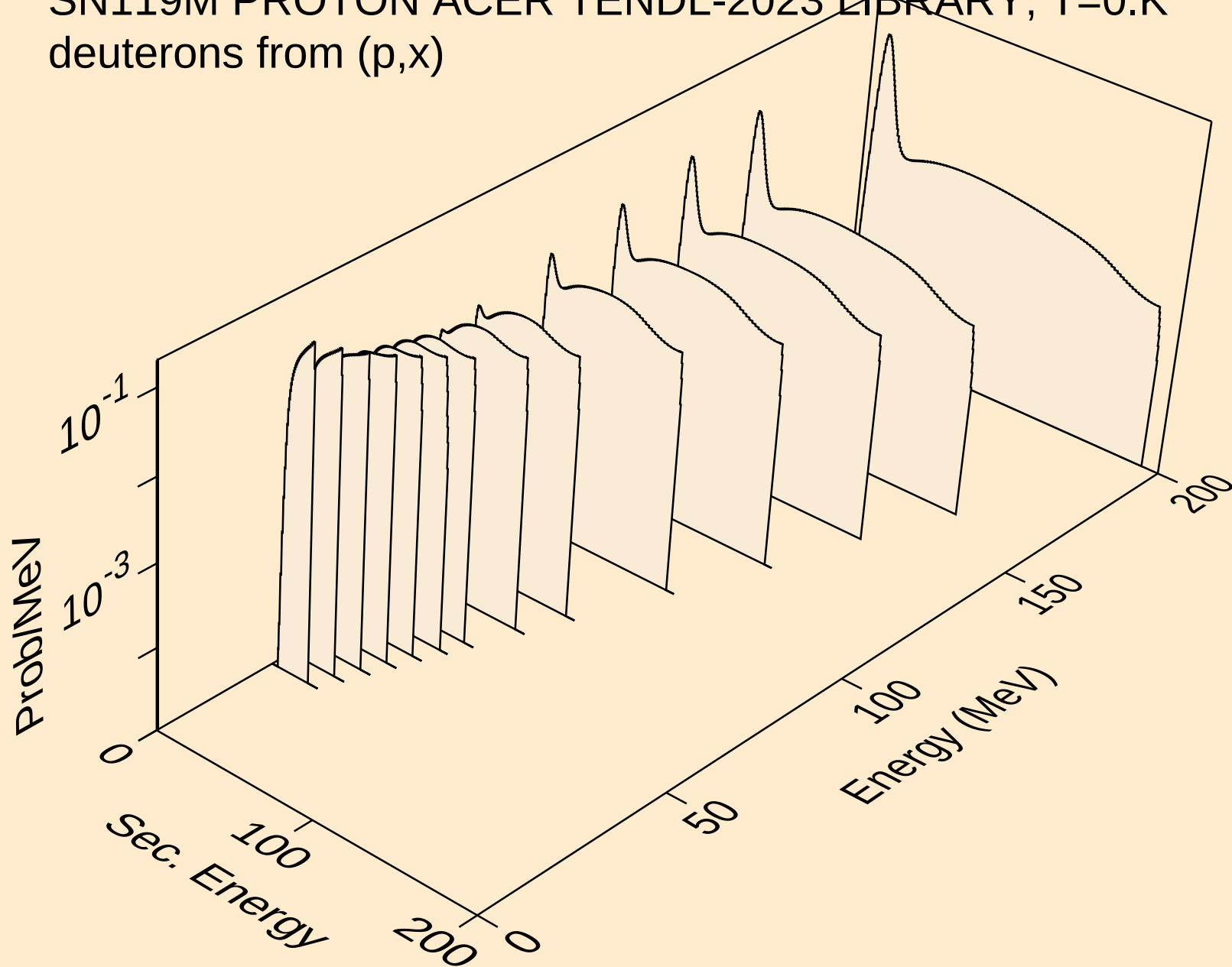
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from (p,n2p)



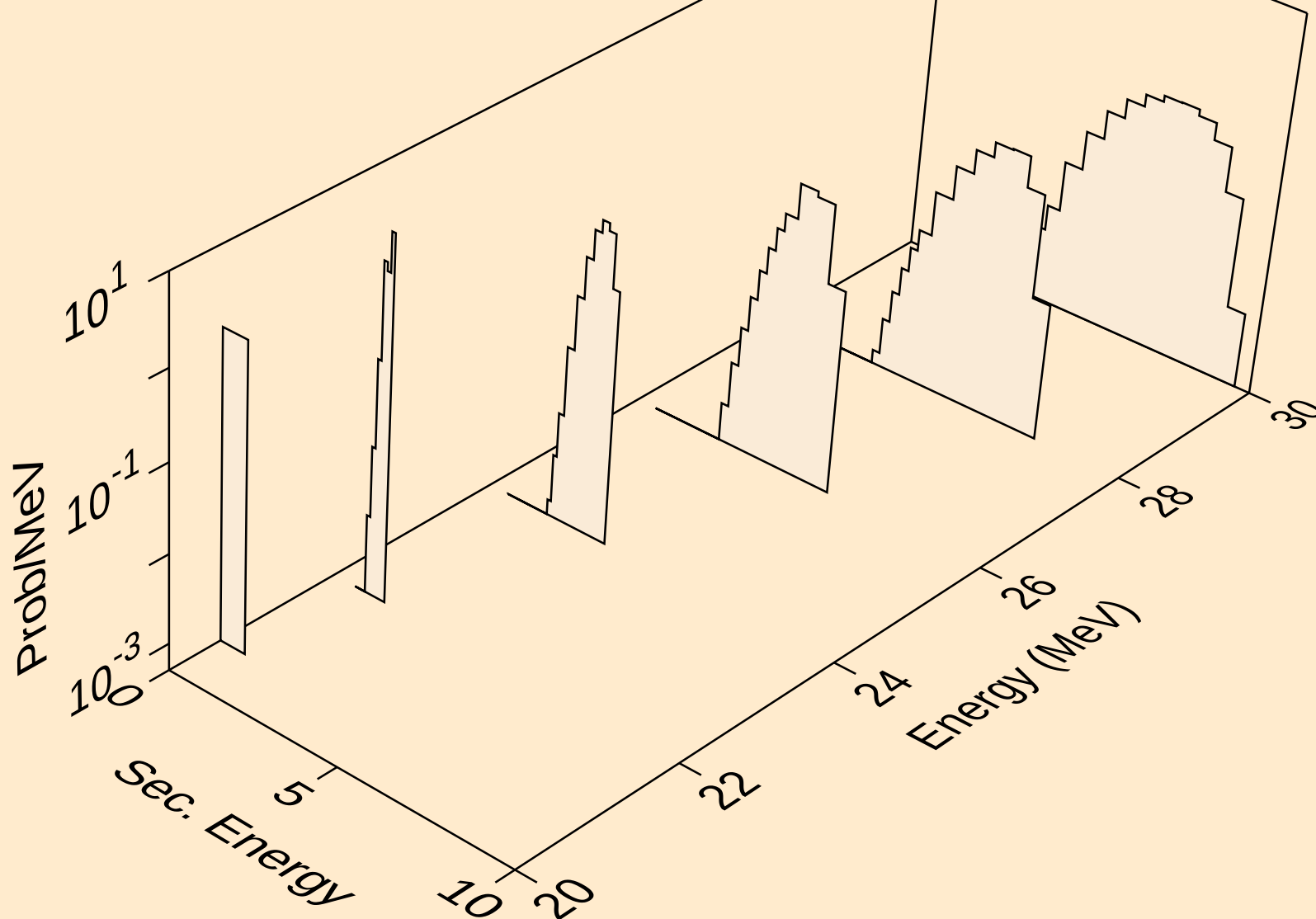
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



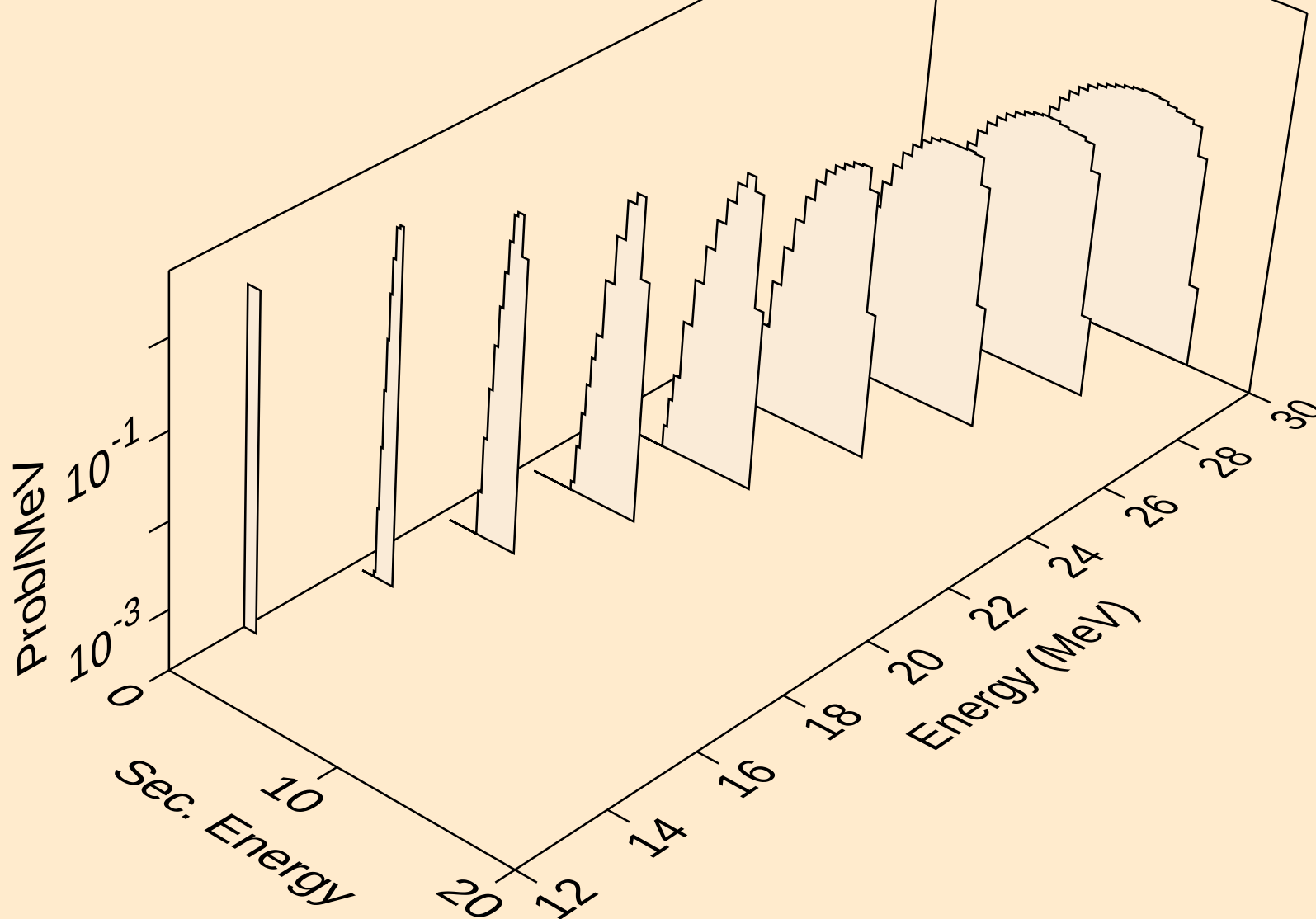
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



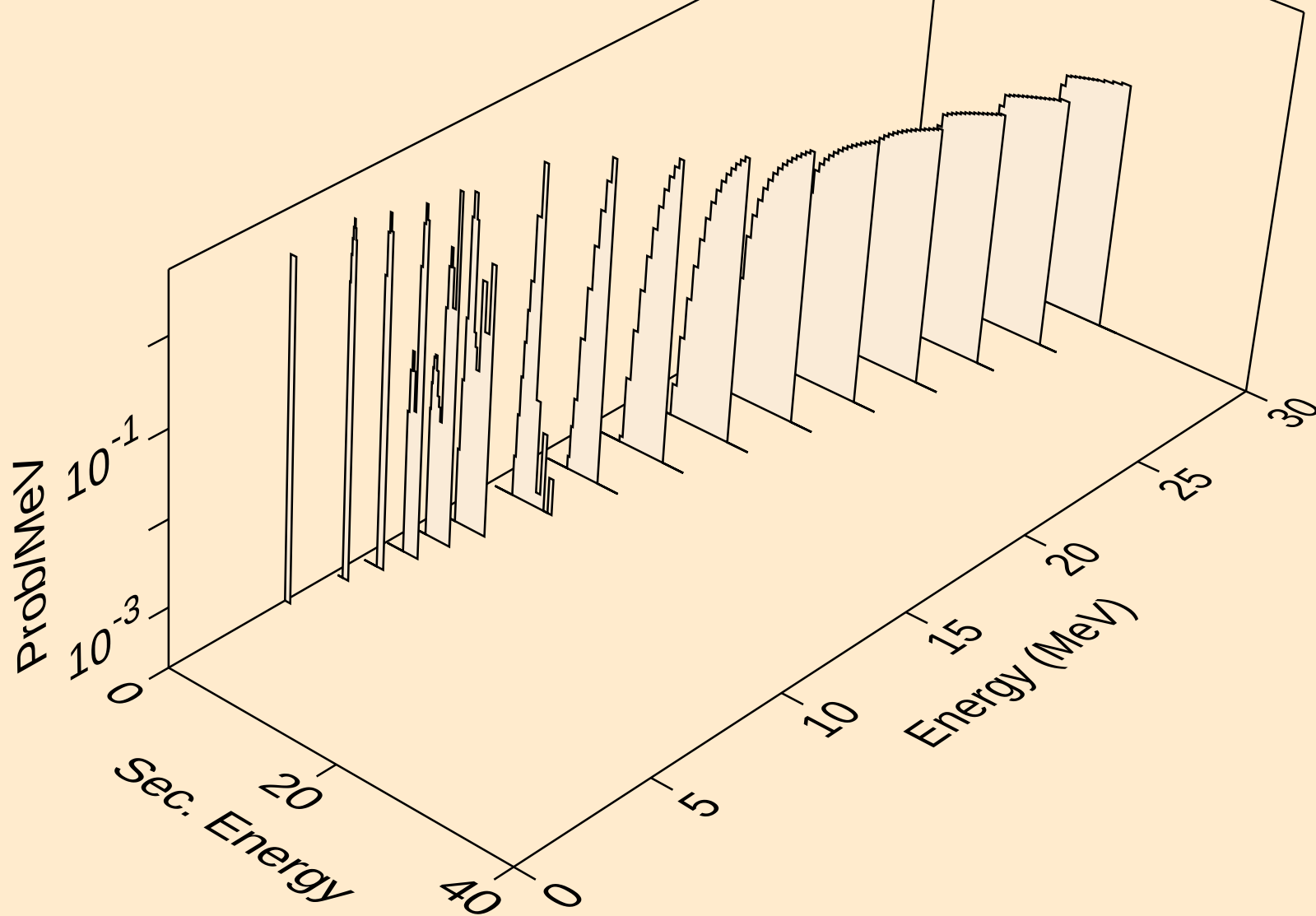
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



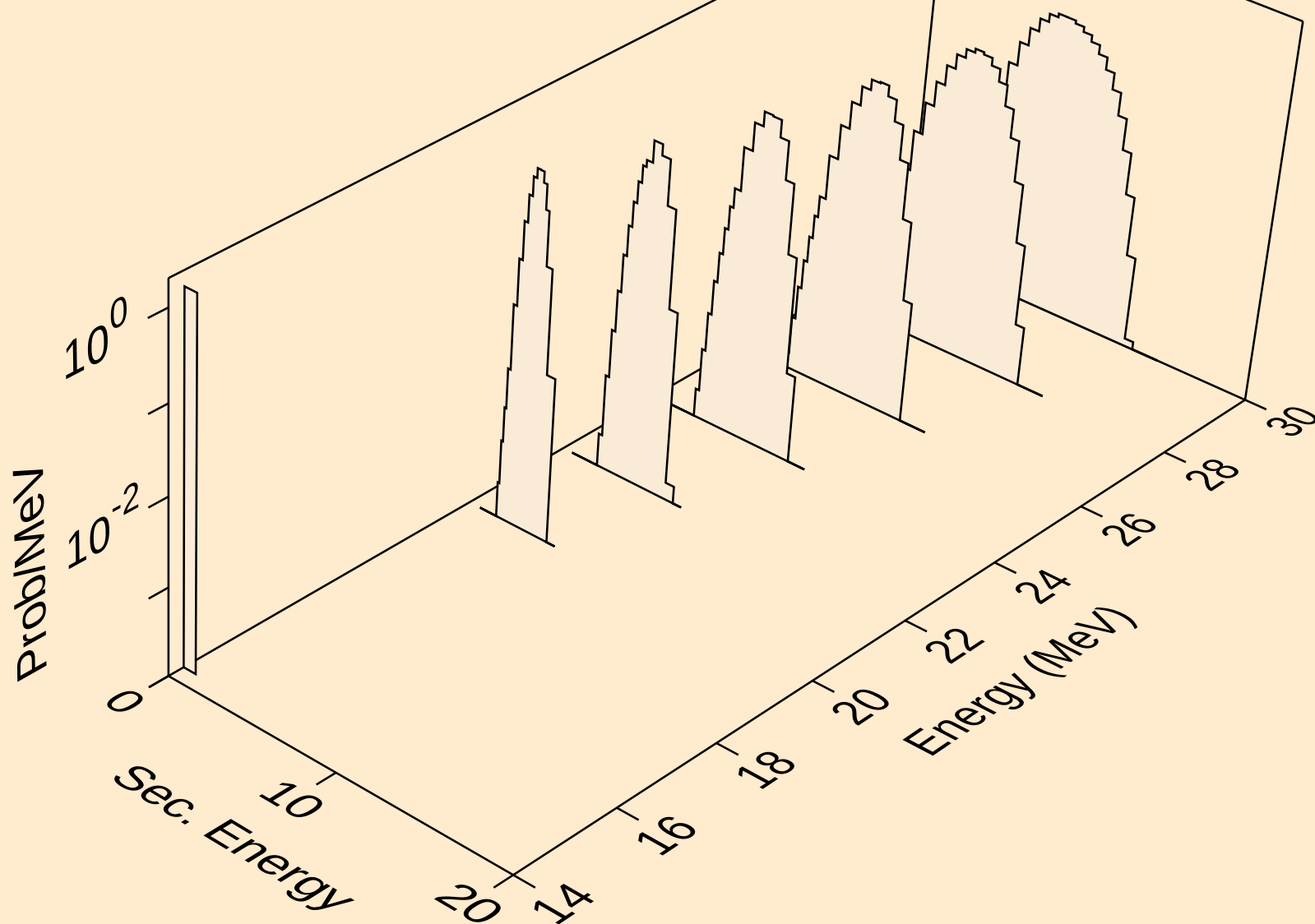
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
deuterons from $(p,n^*)d$



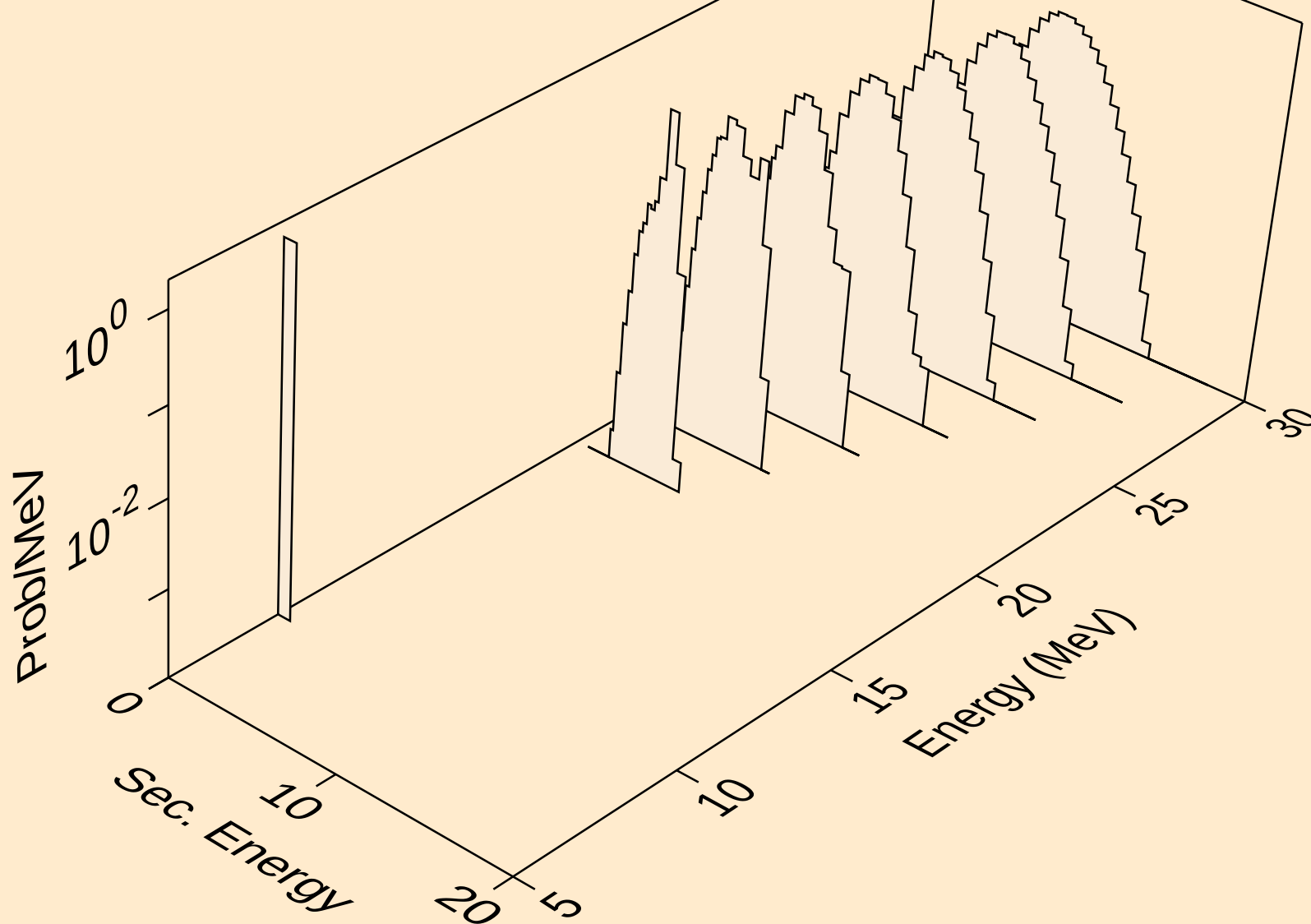
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



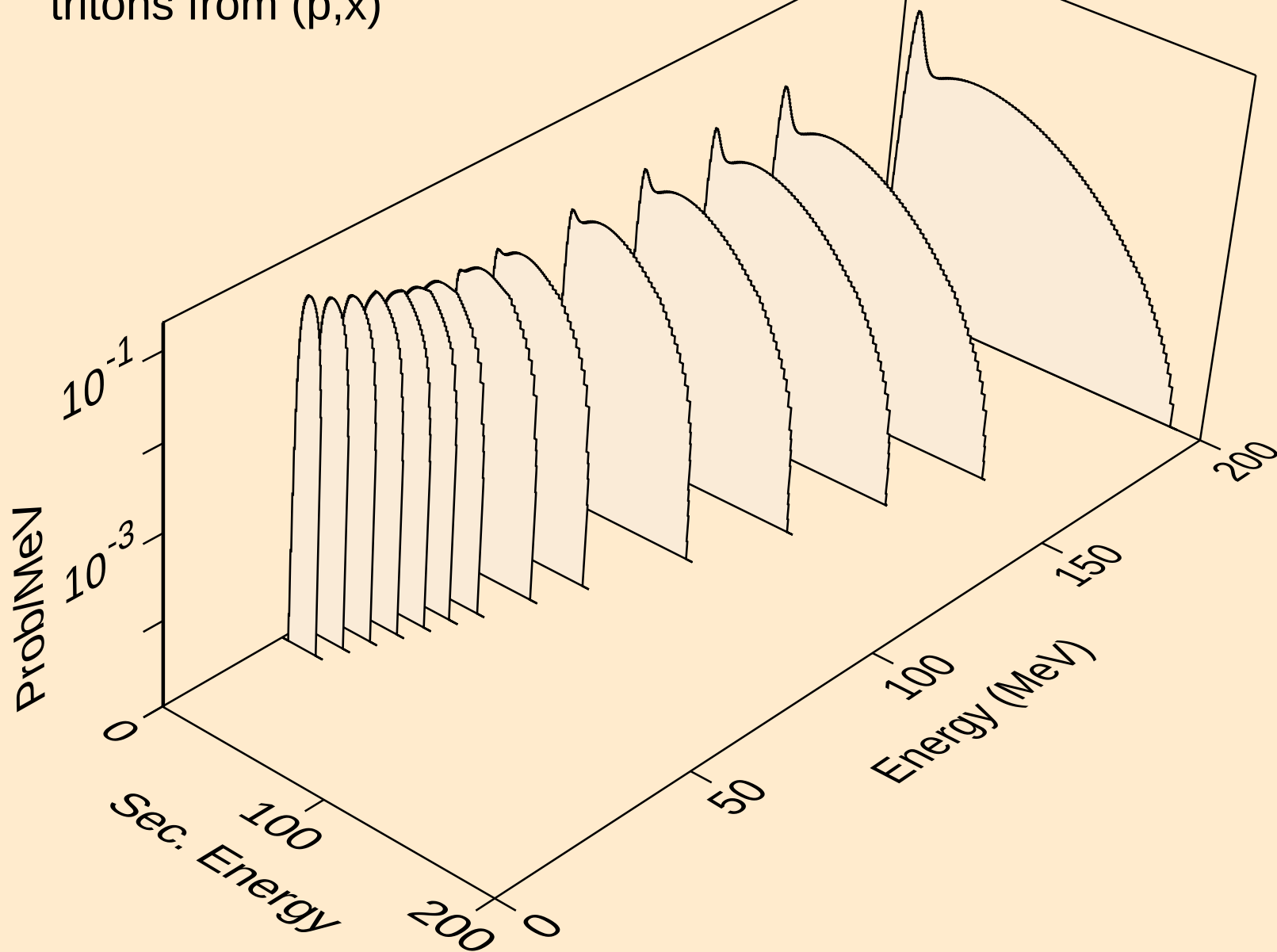
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



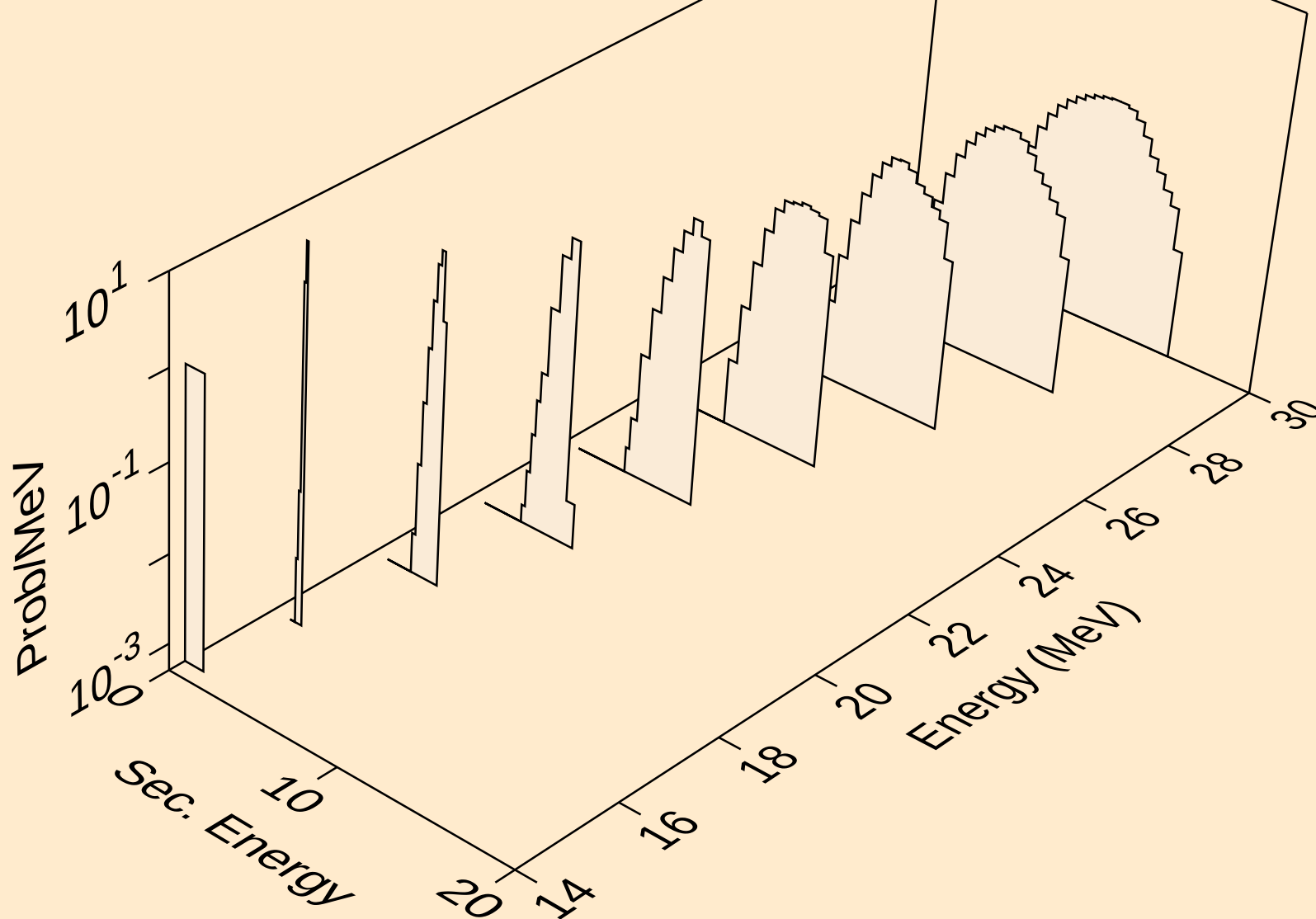
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,da)



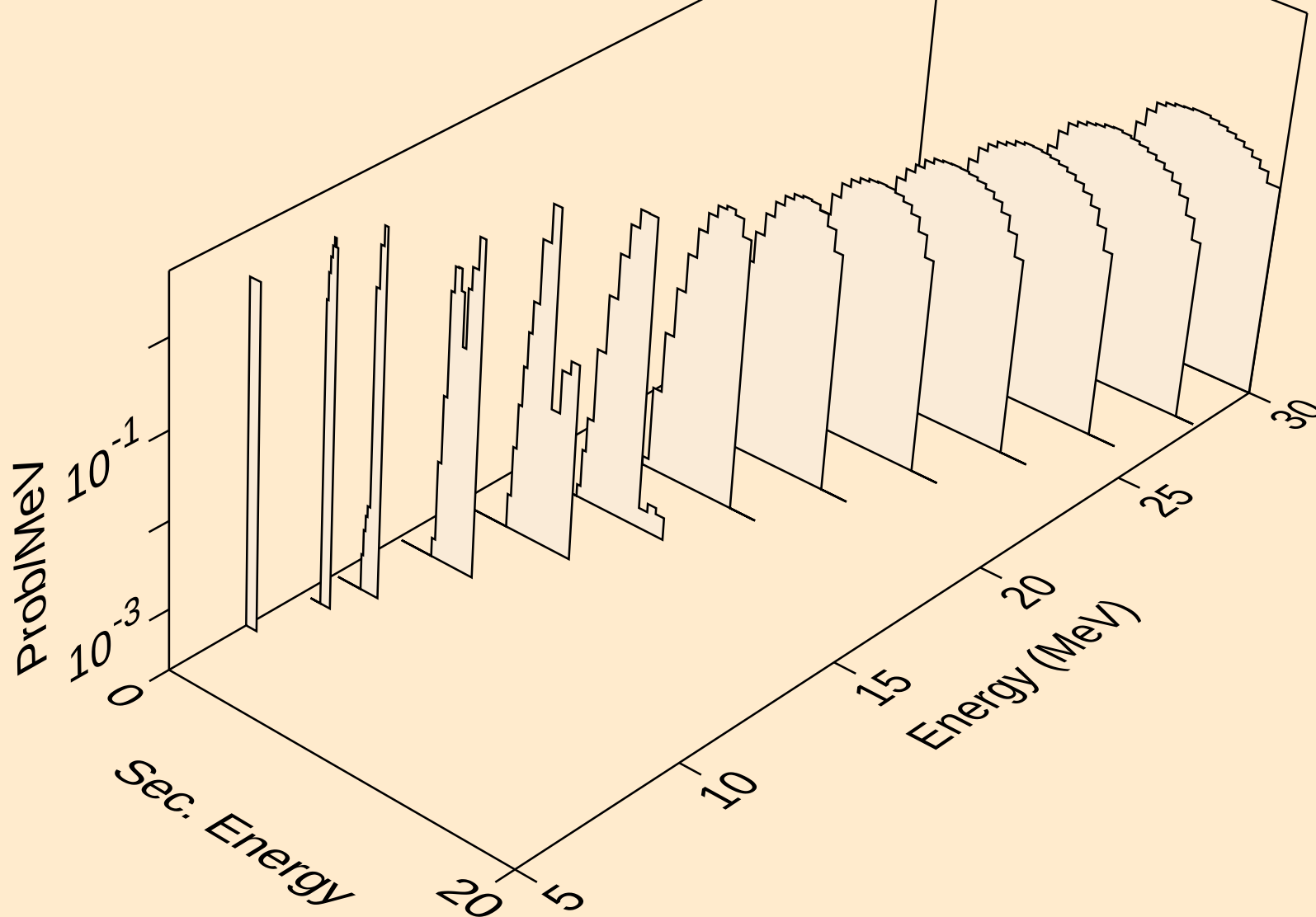
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



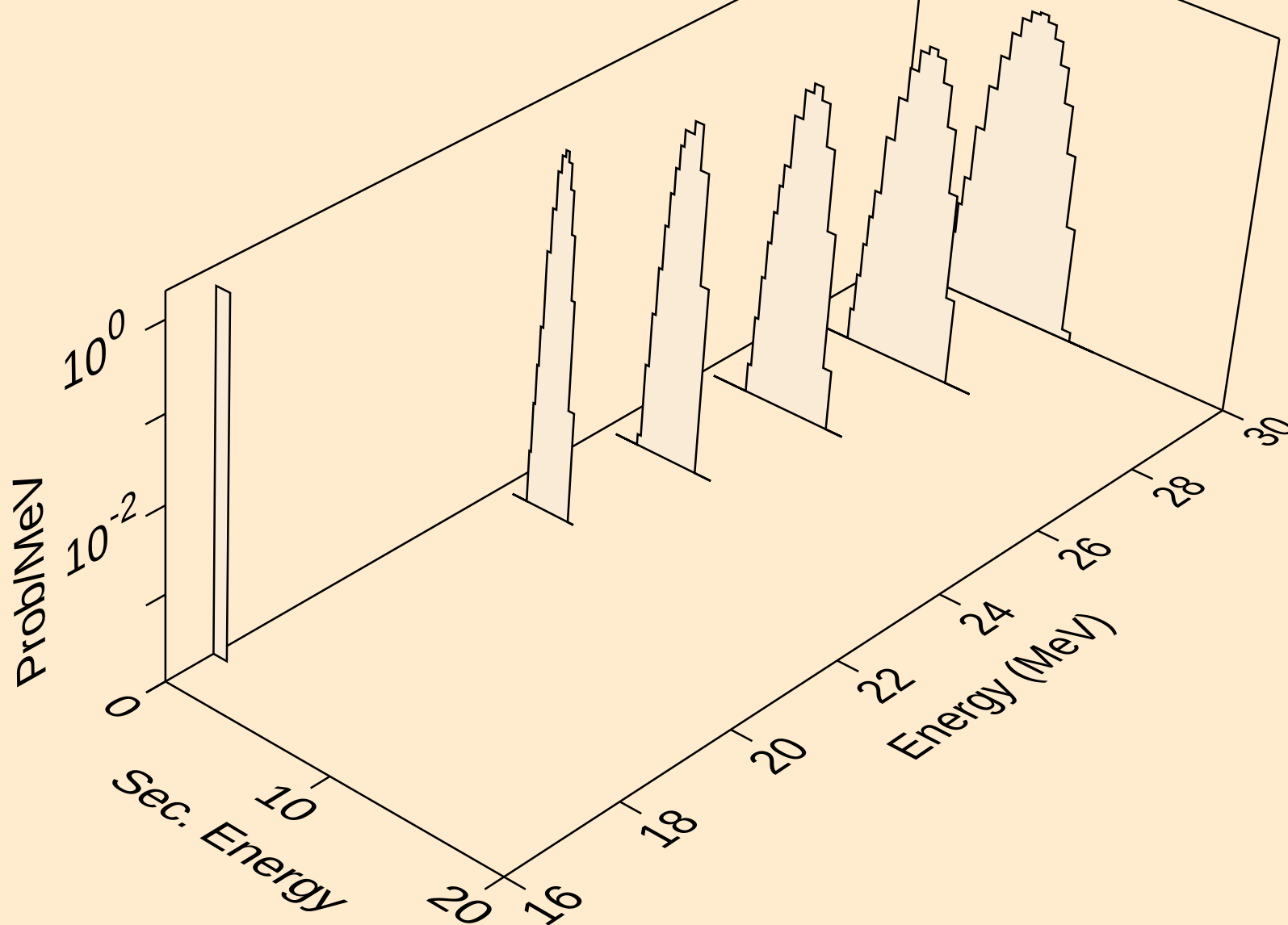
SN119M PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
tritons from $(p,n^*)t$



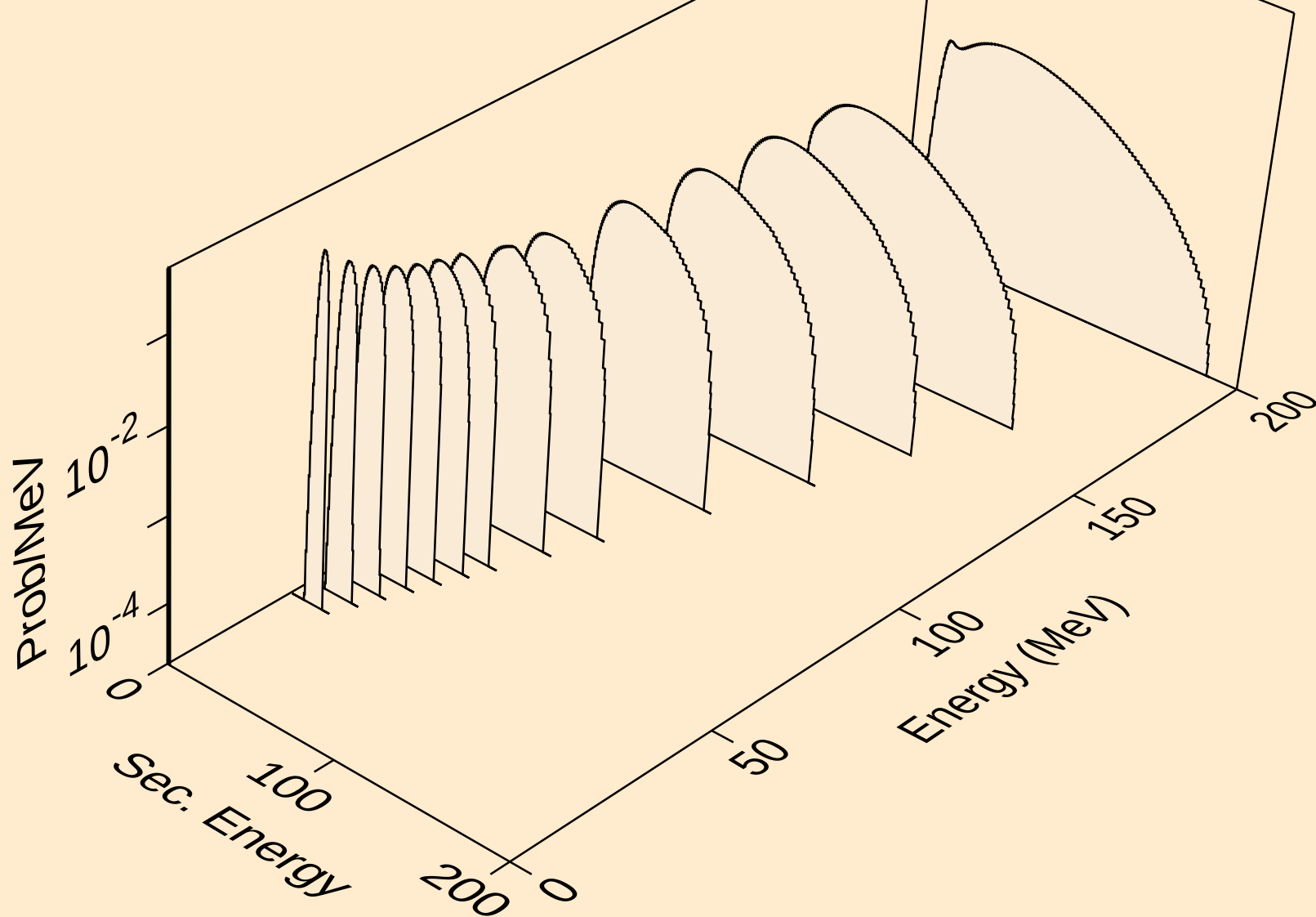
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tritons from (p,t)



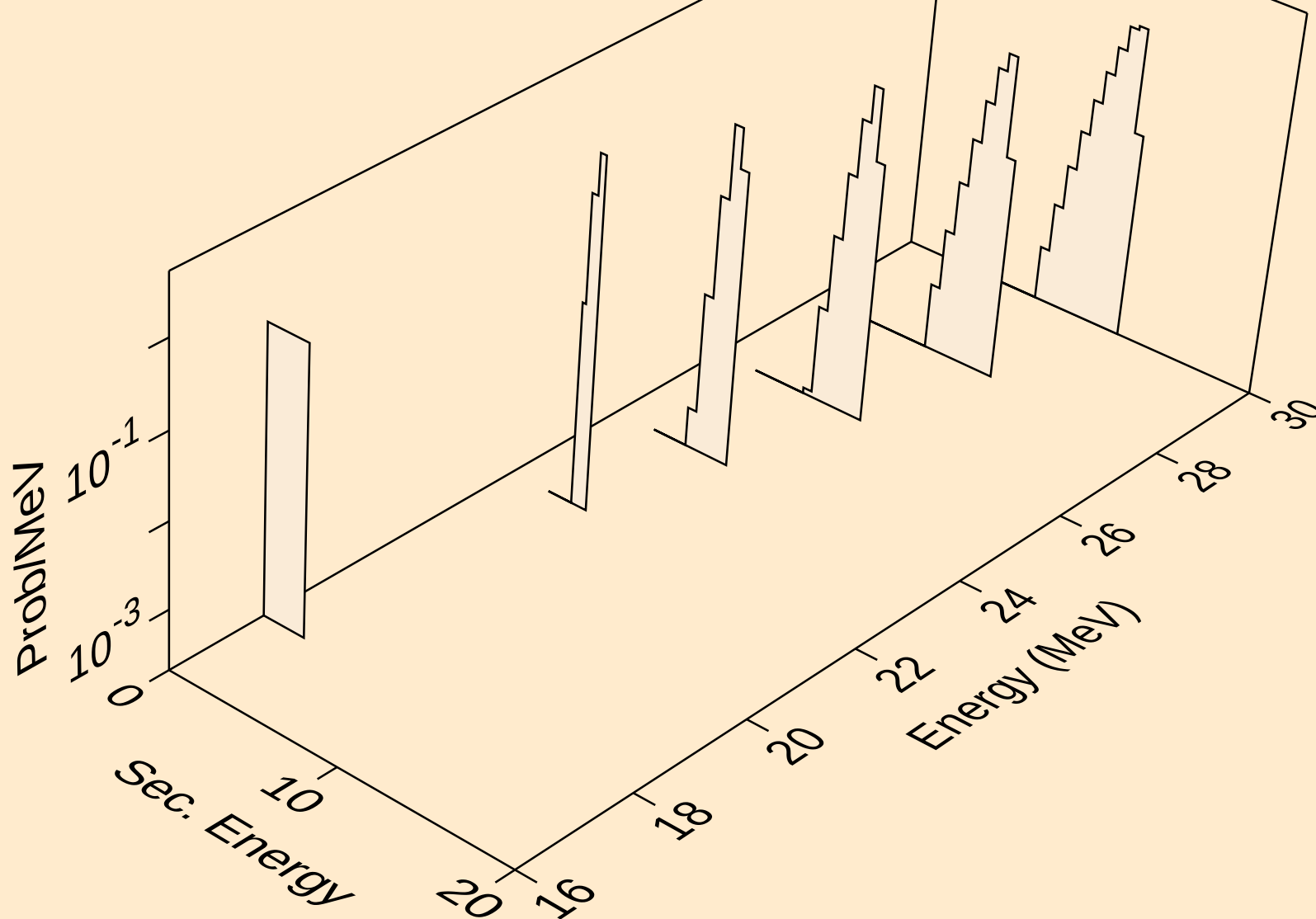
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,pt)



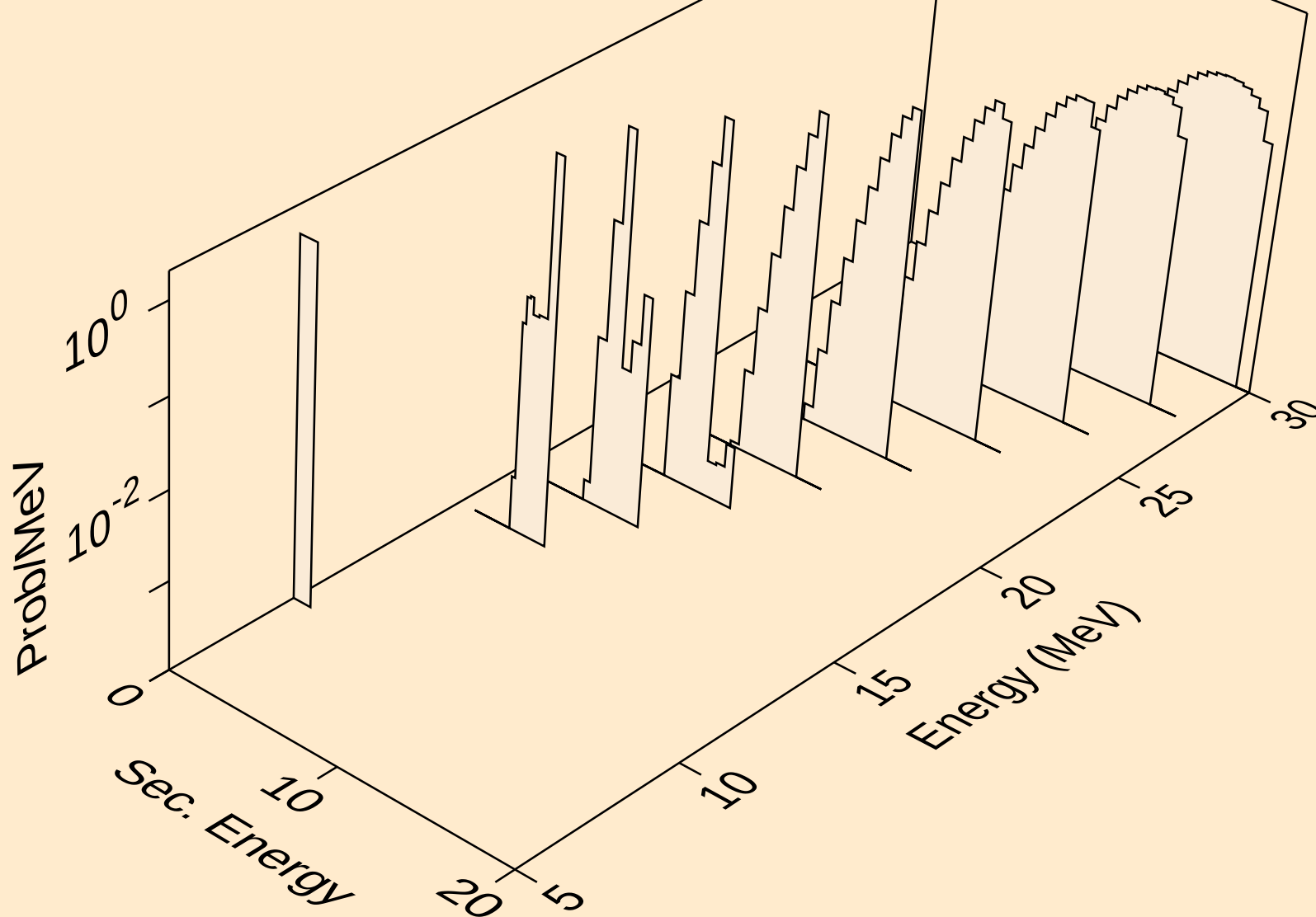
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



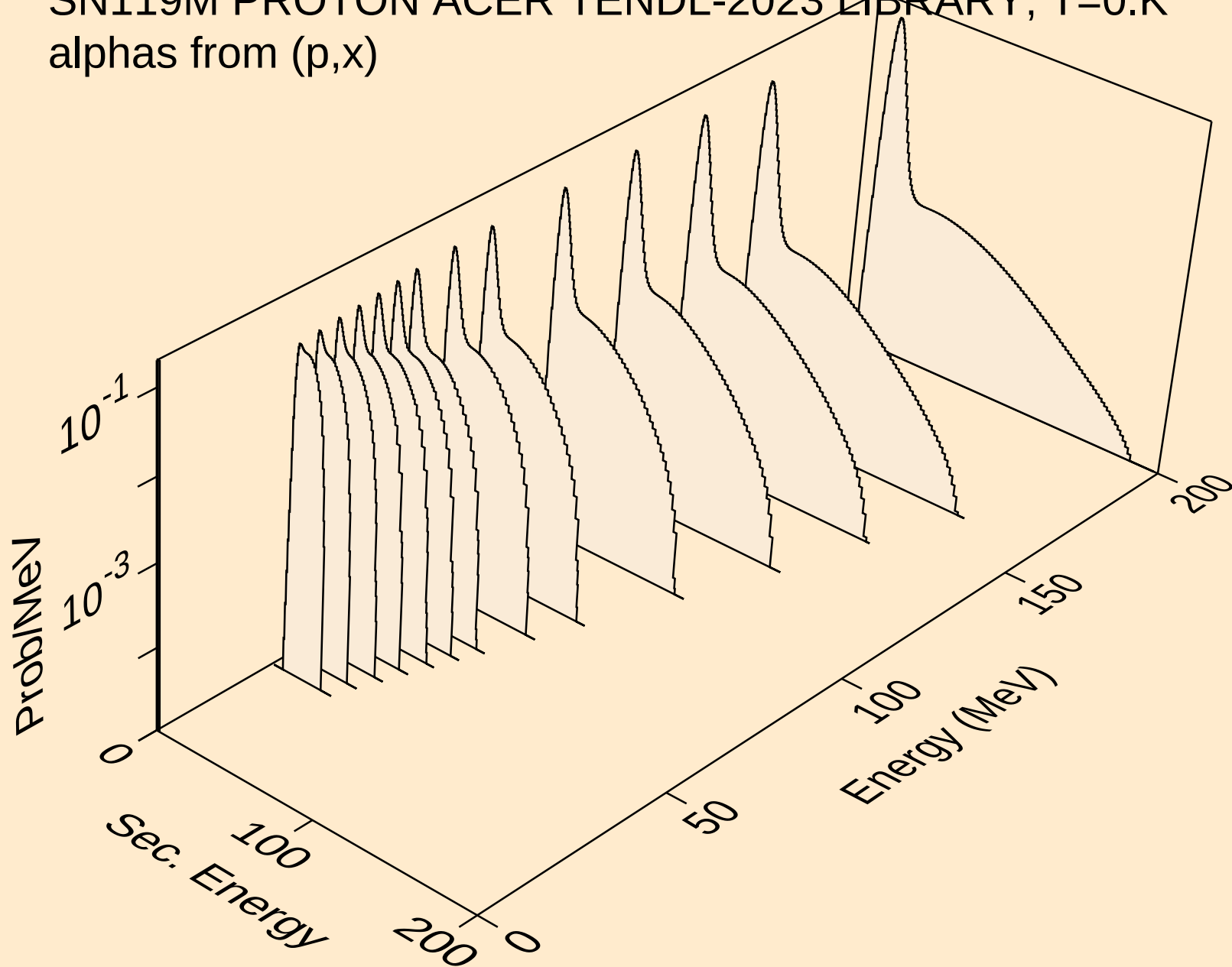
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



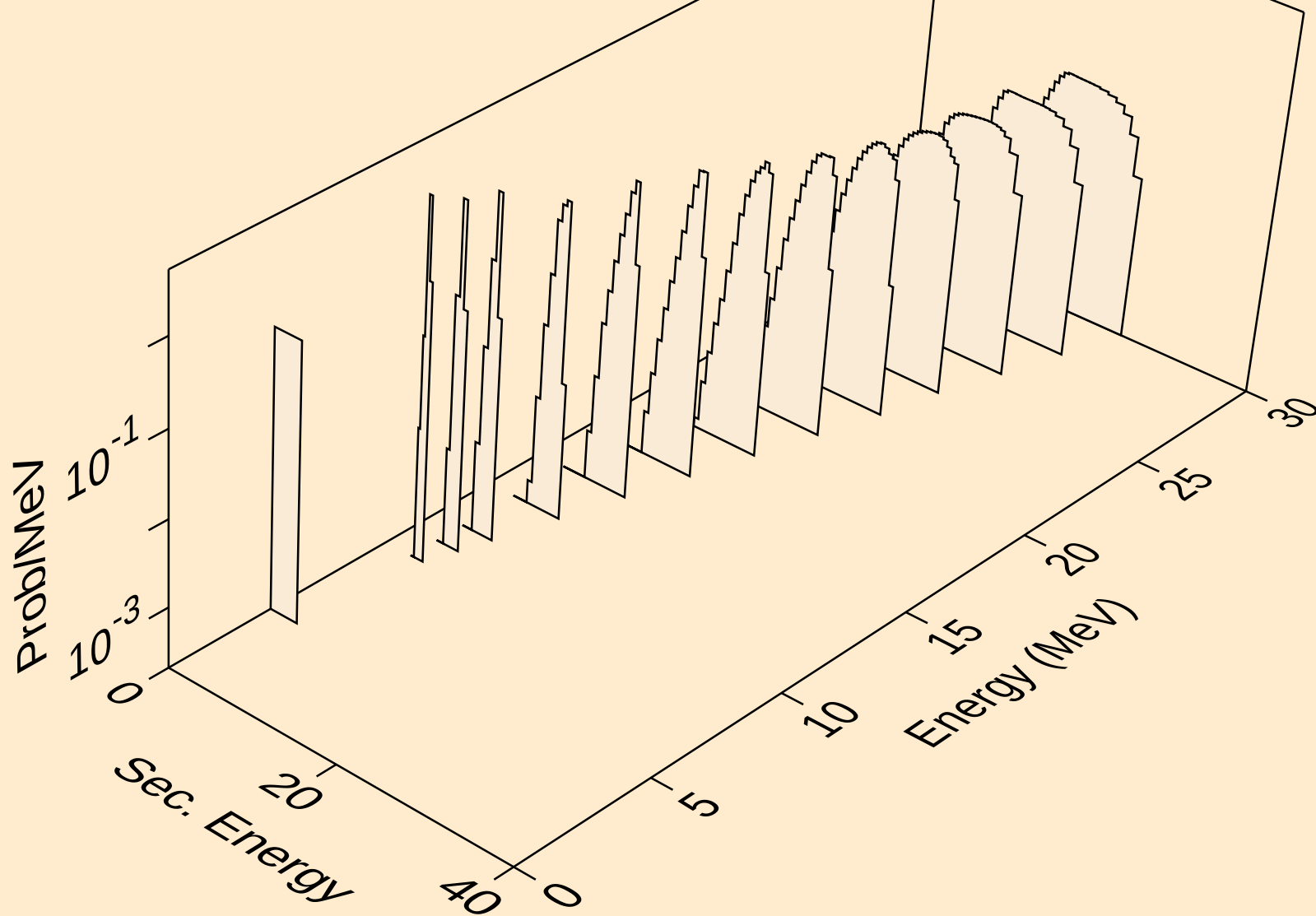
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



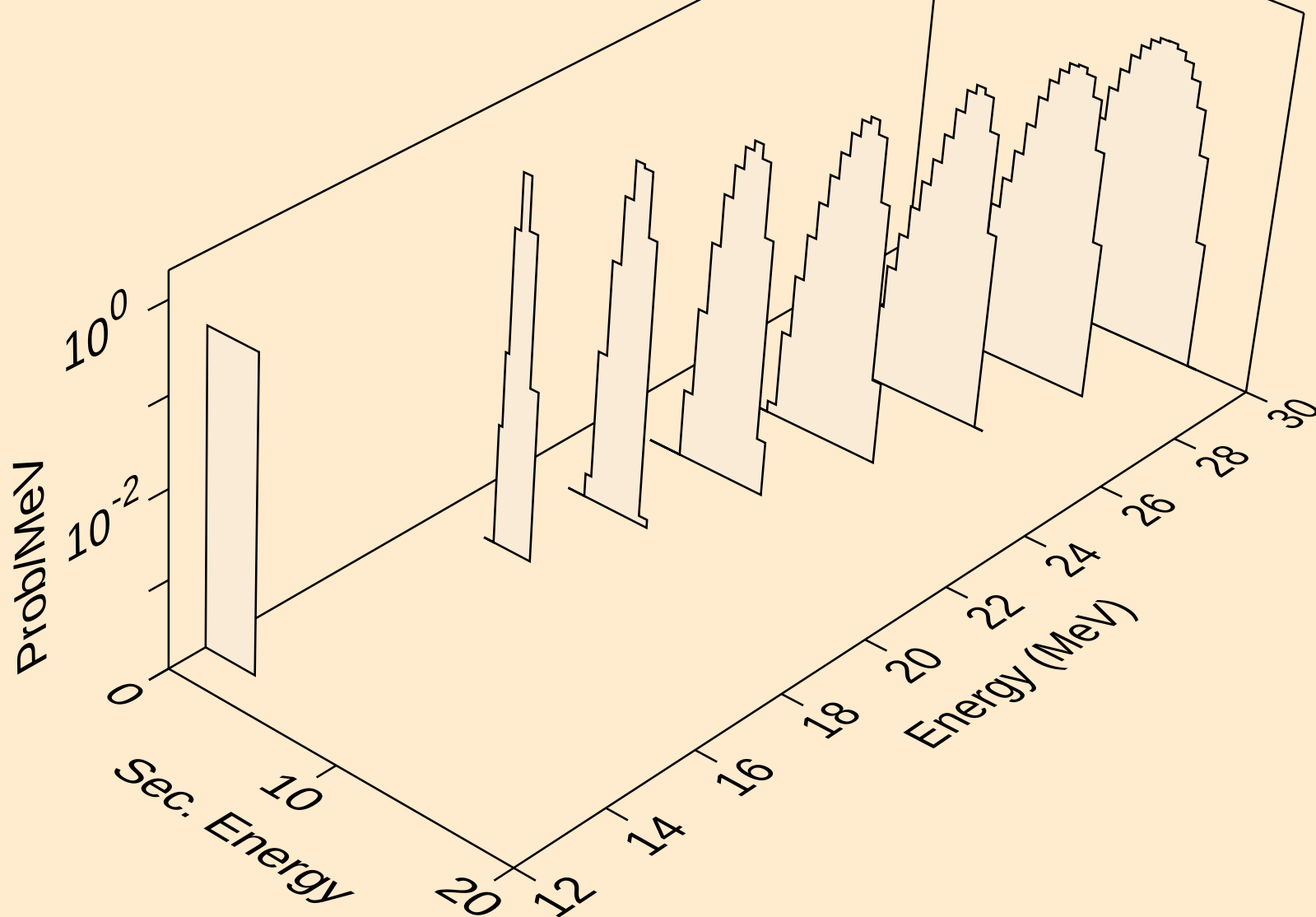
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



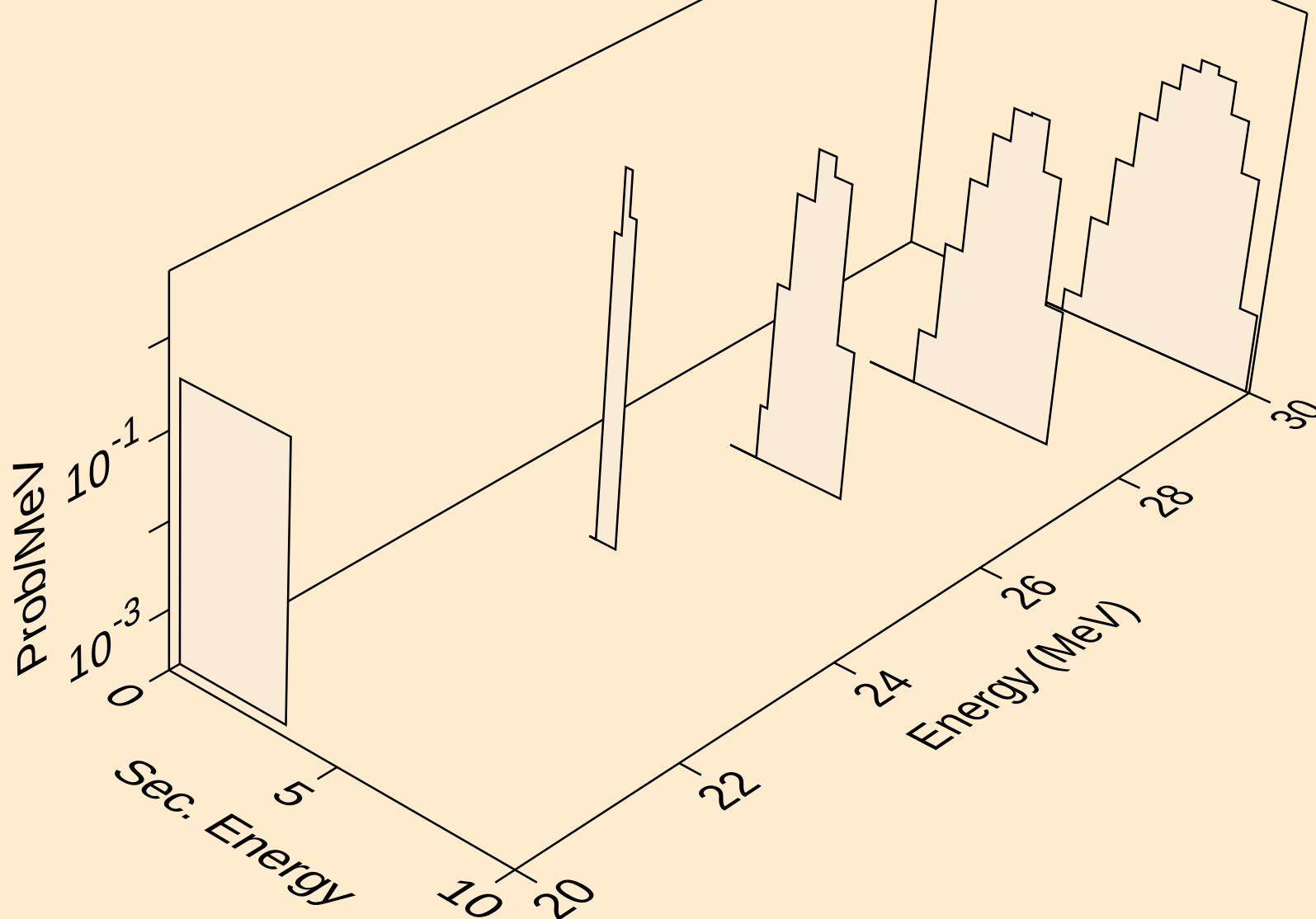
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



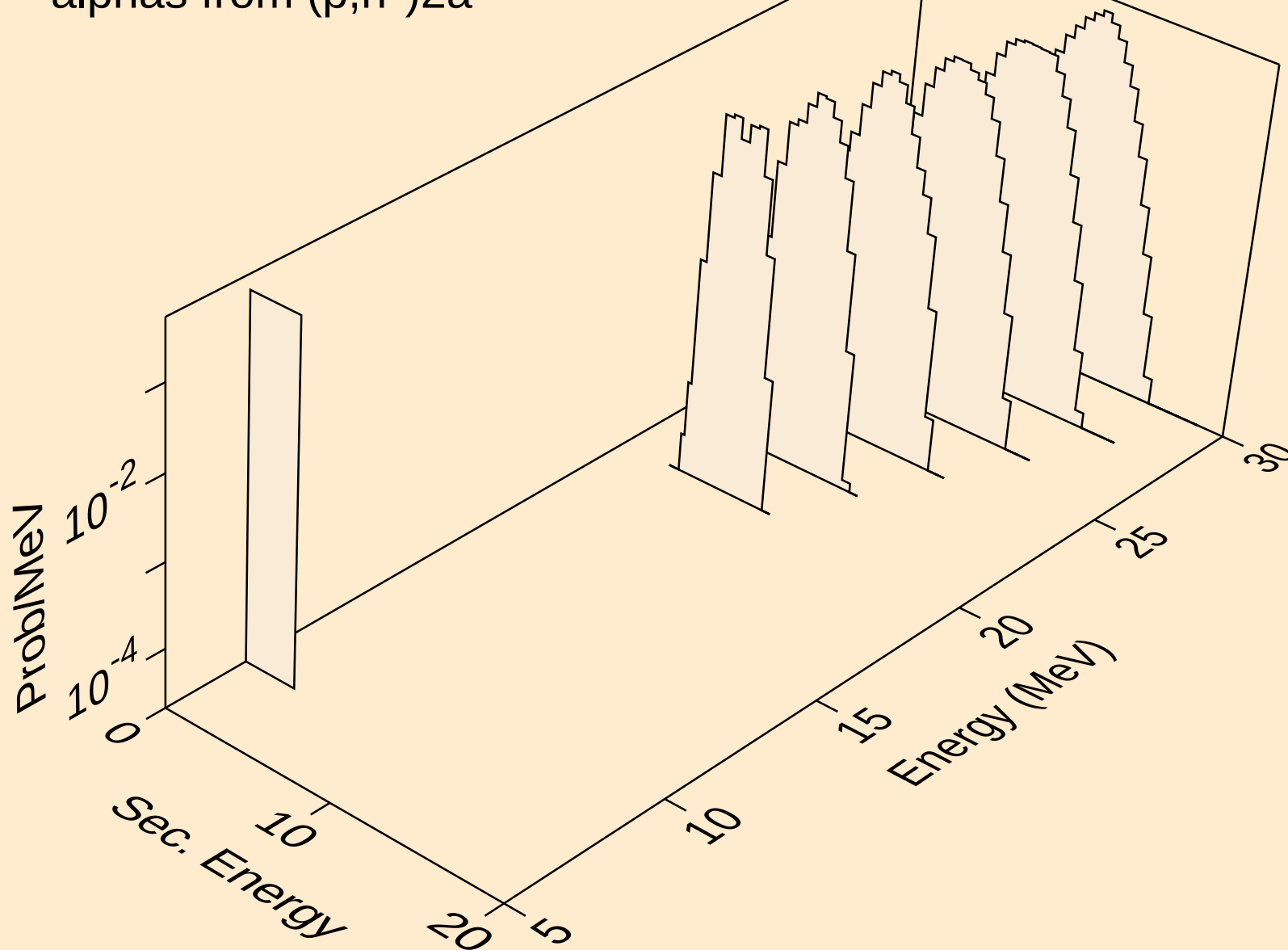
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



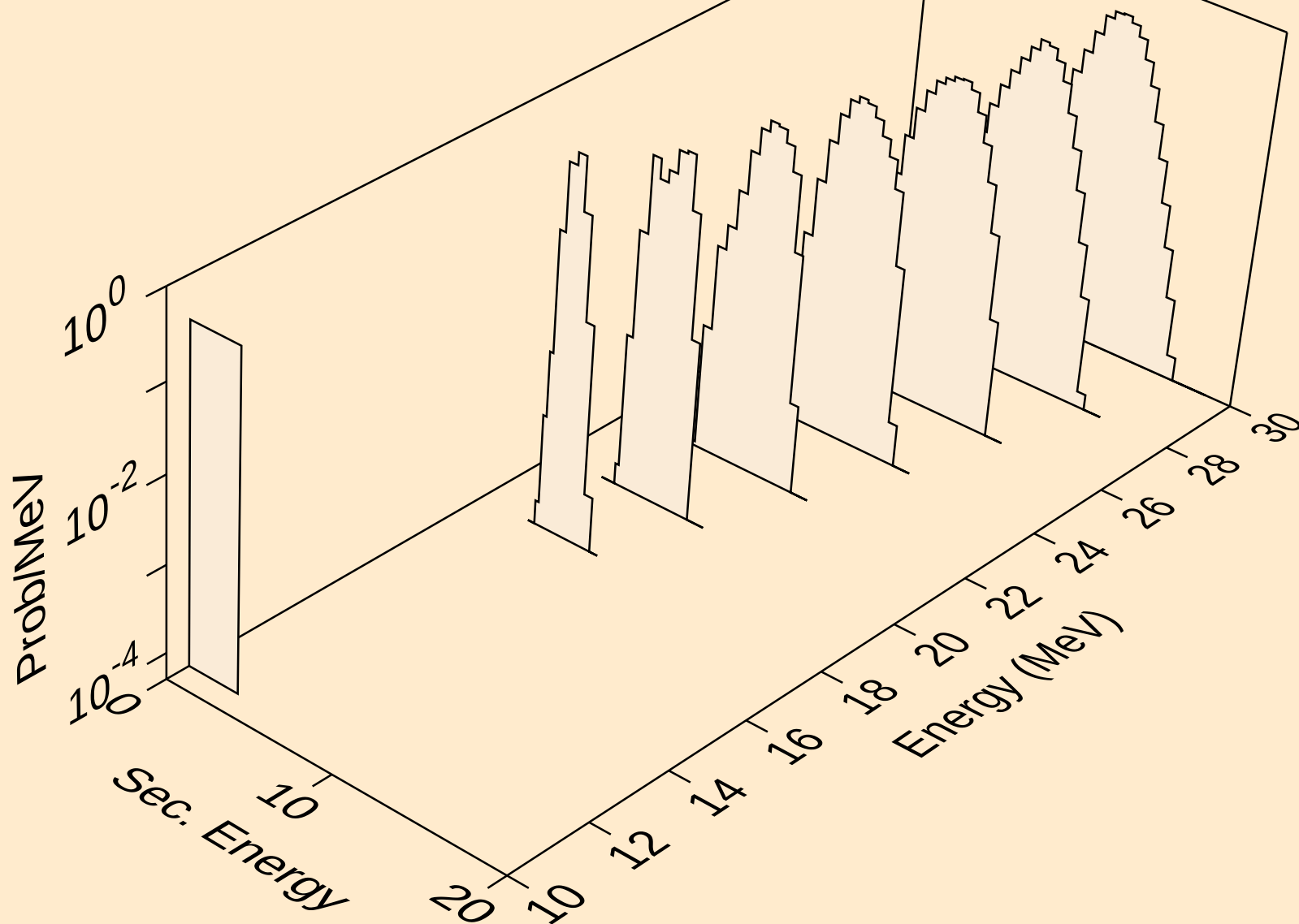
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



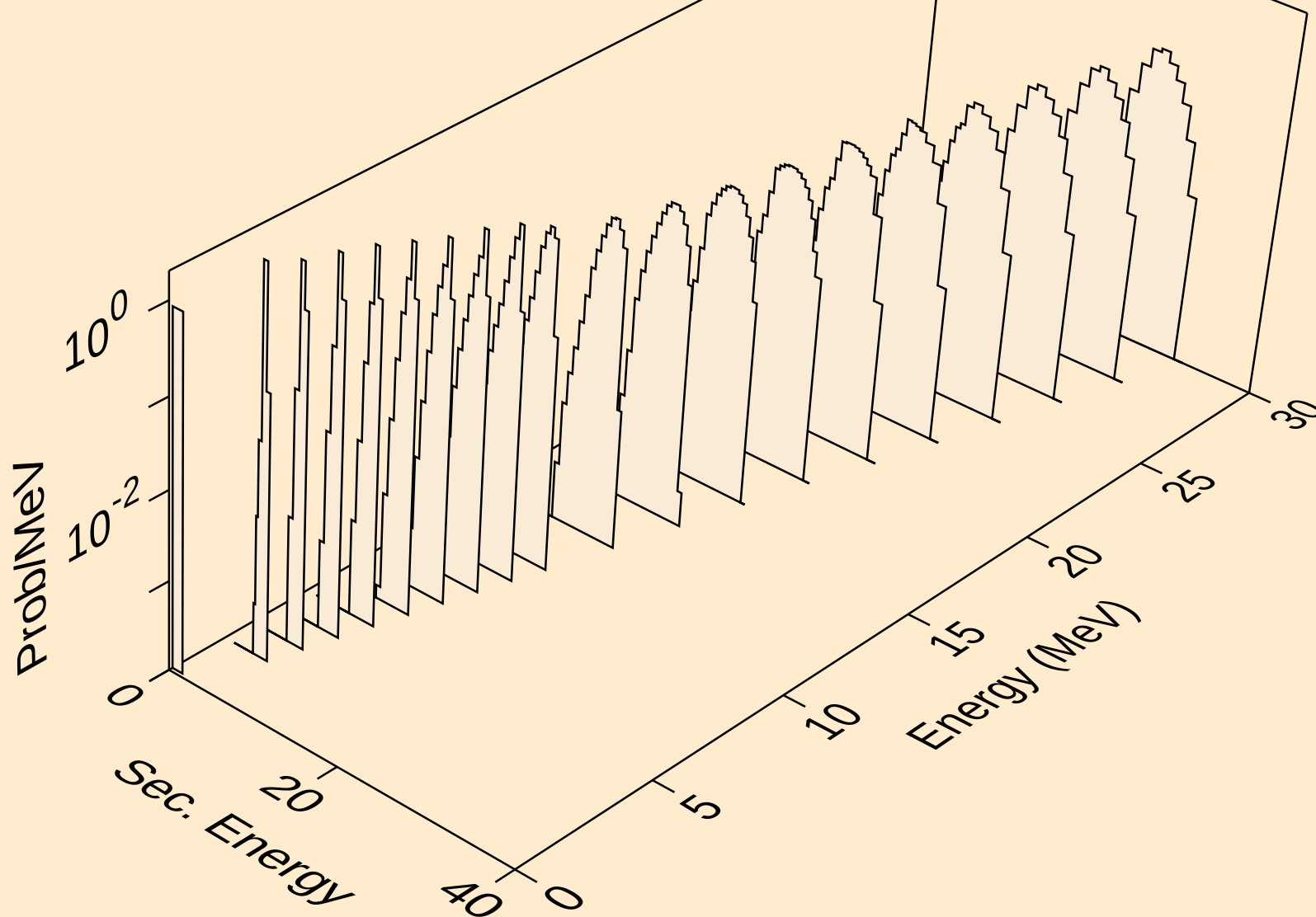
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alphas from (p,n*)2a



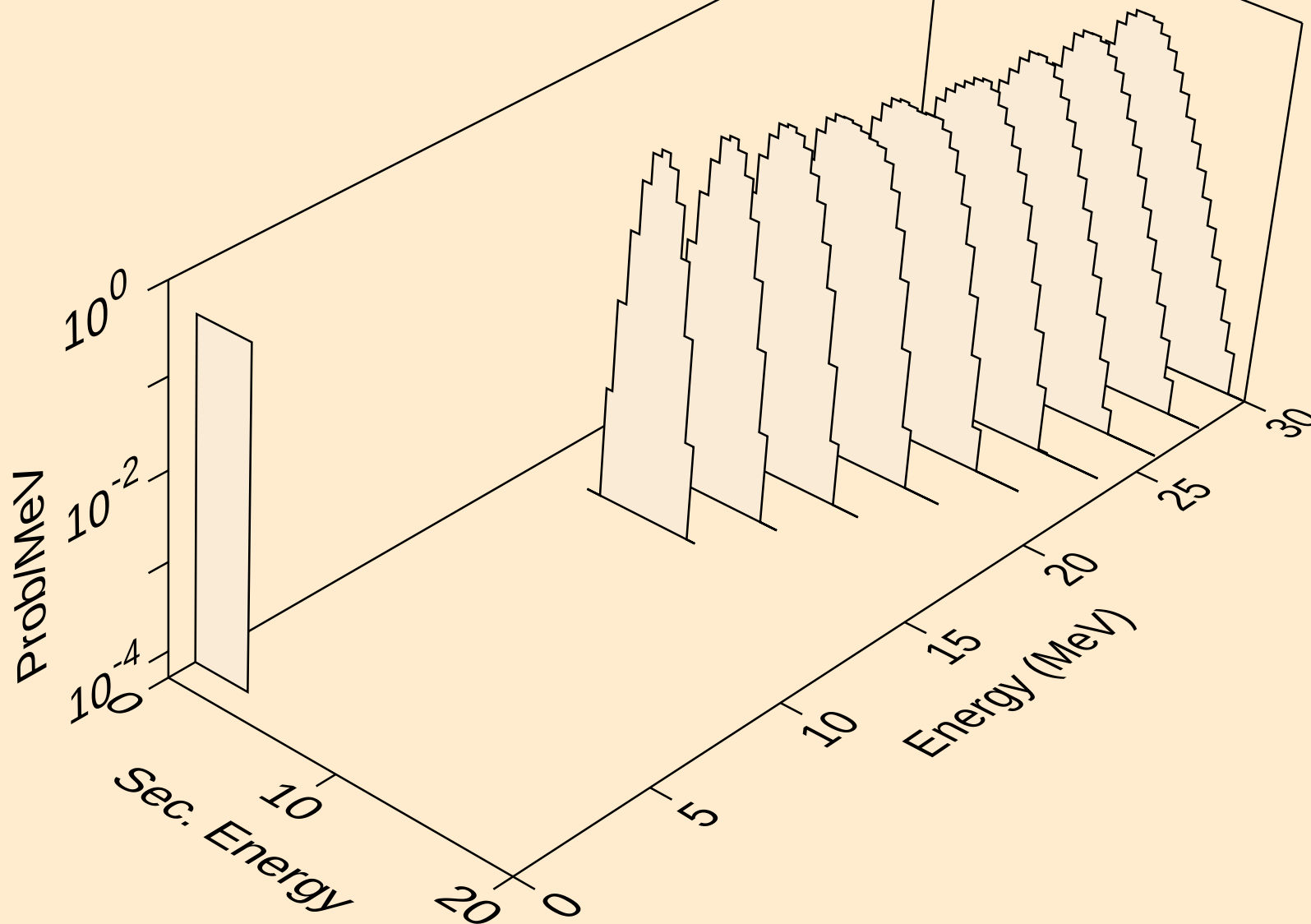
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



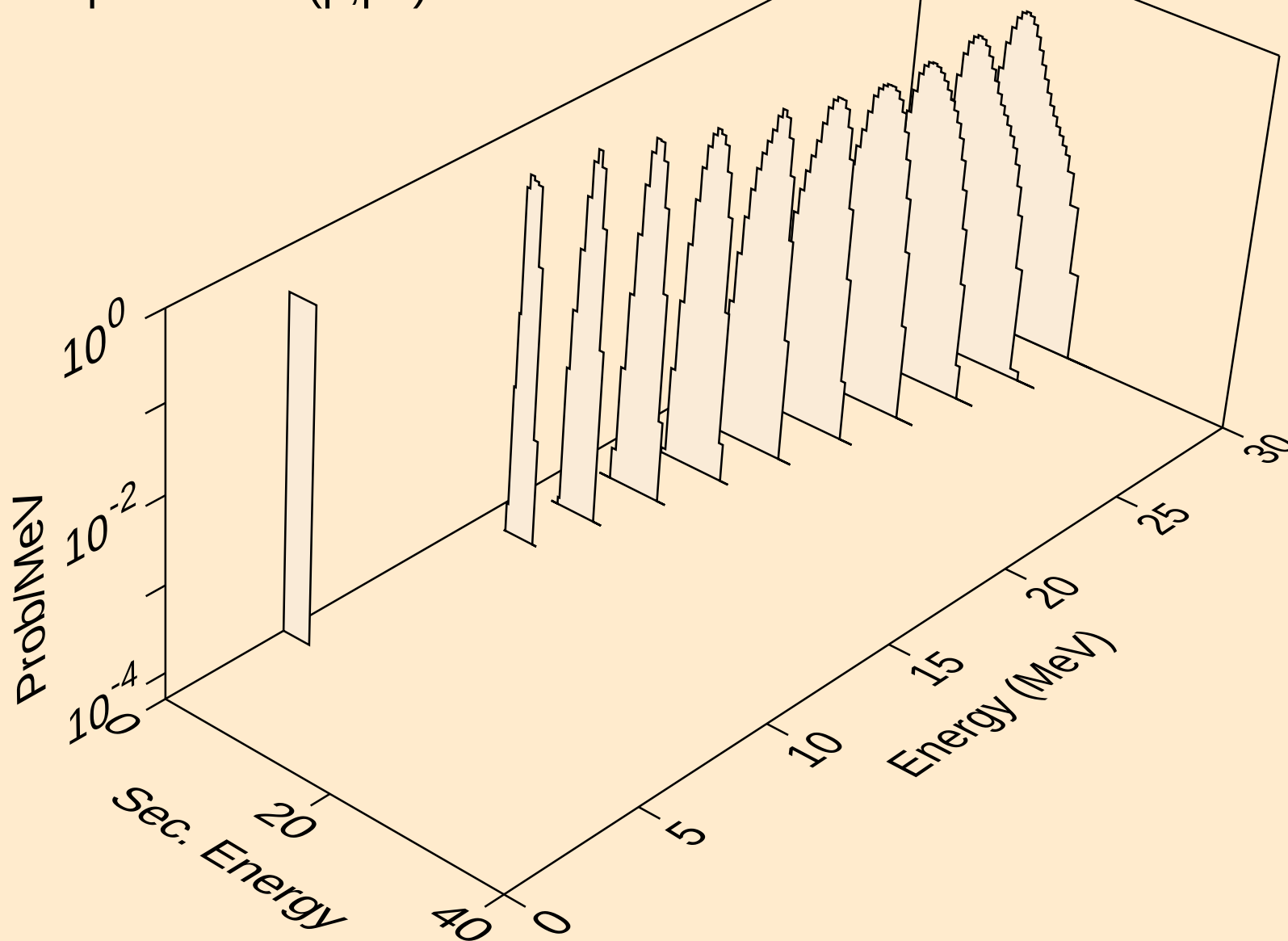
SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



SN119M PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

