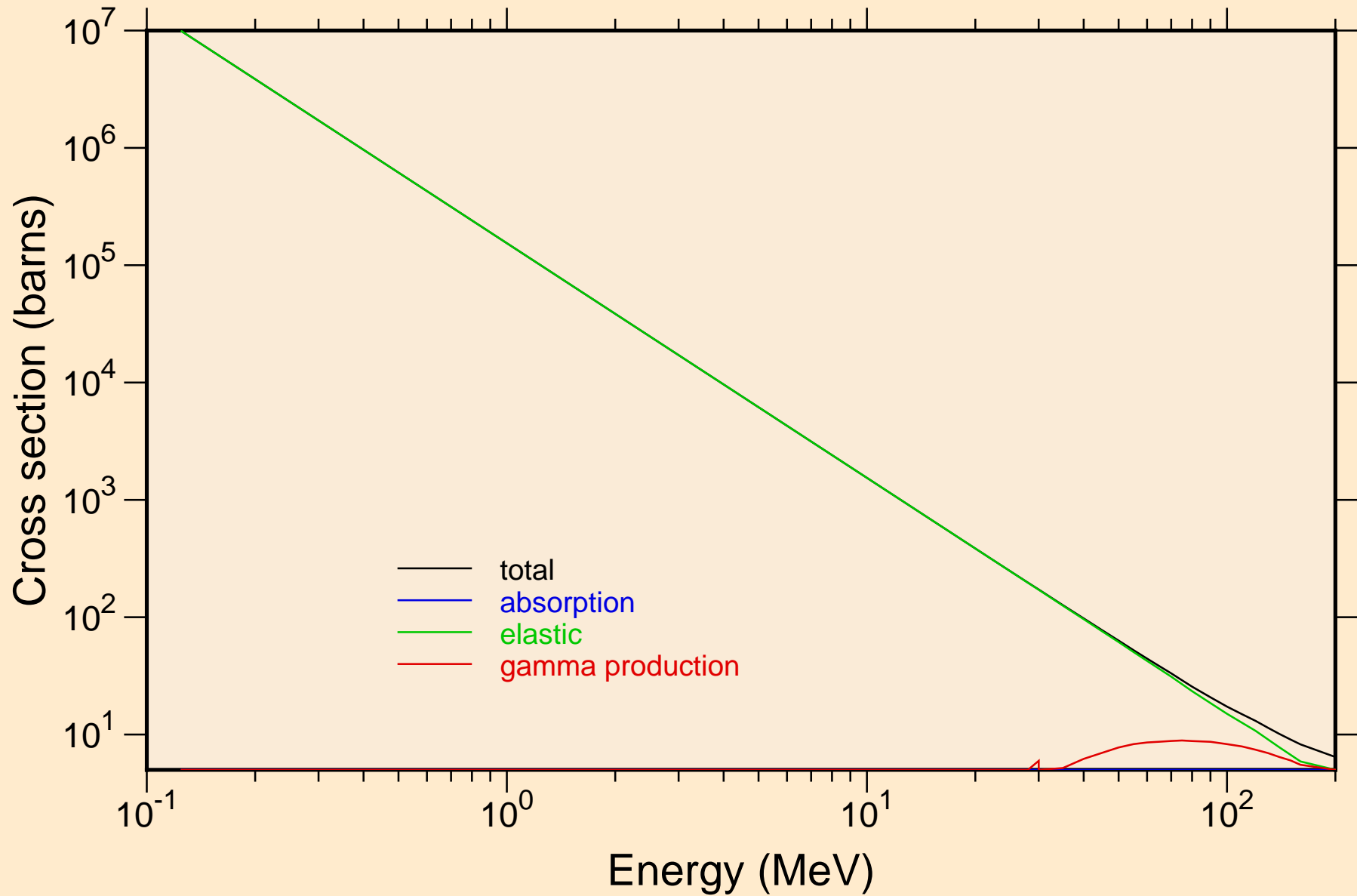


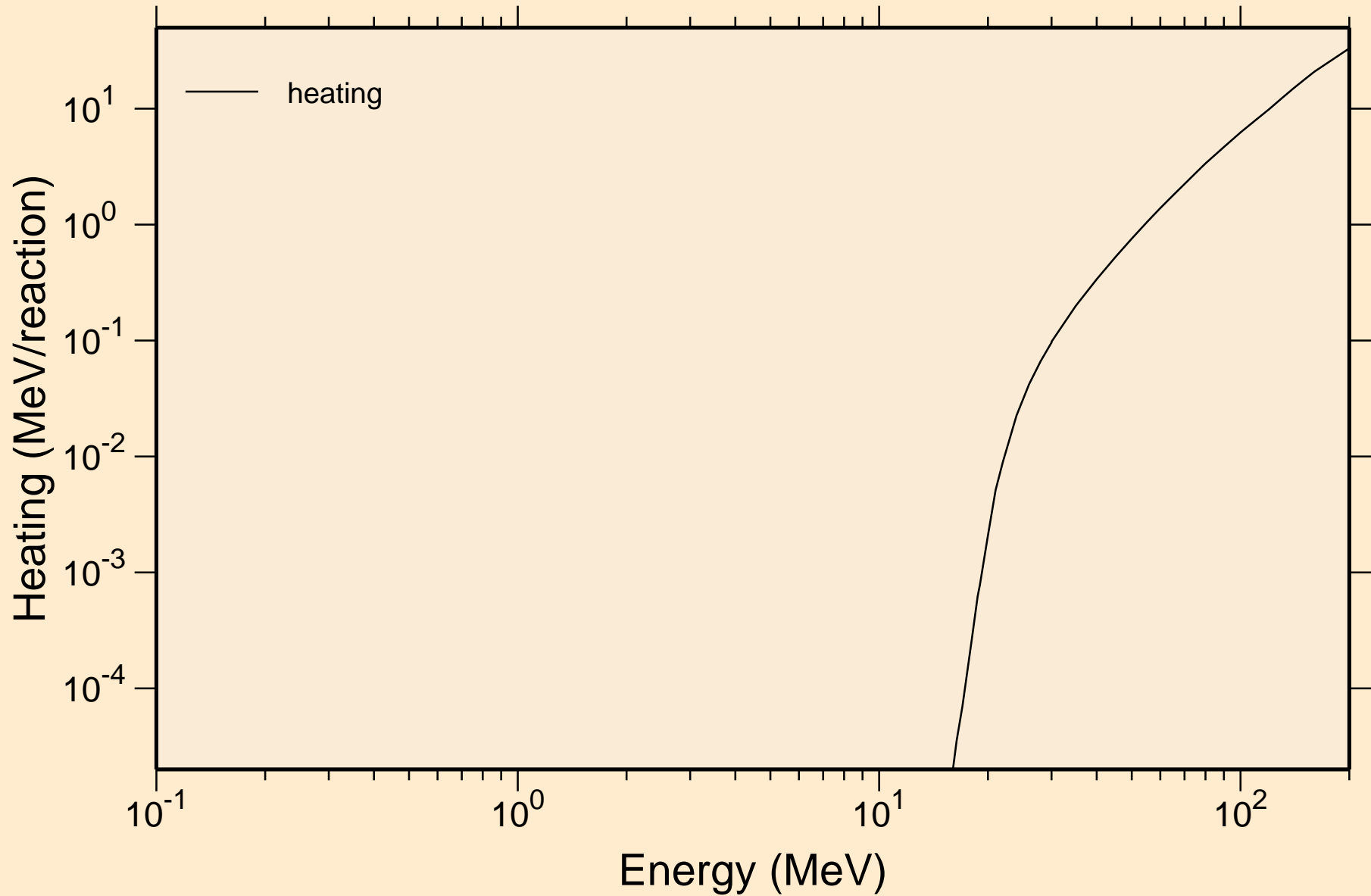
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



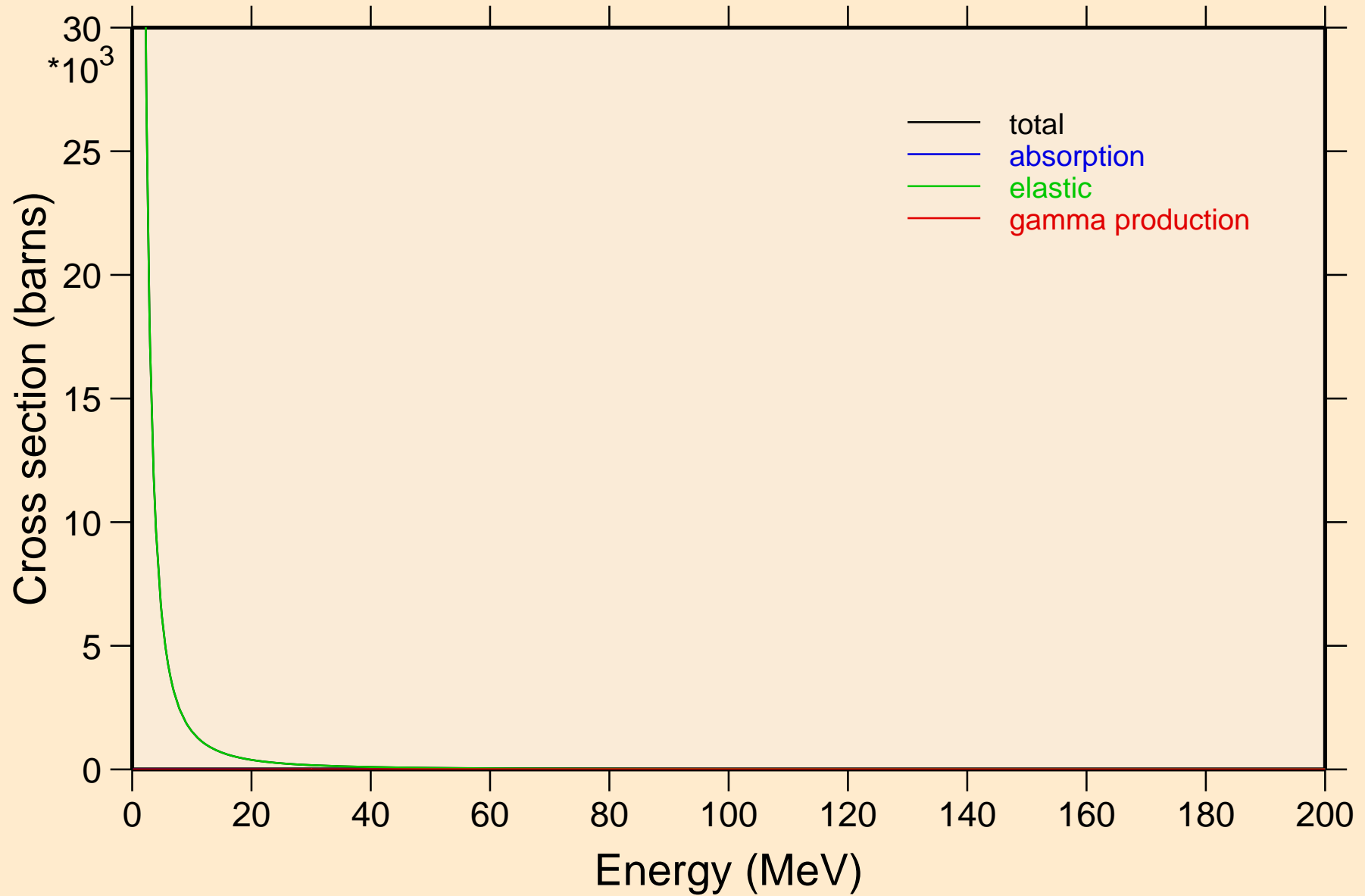
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



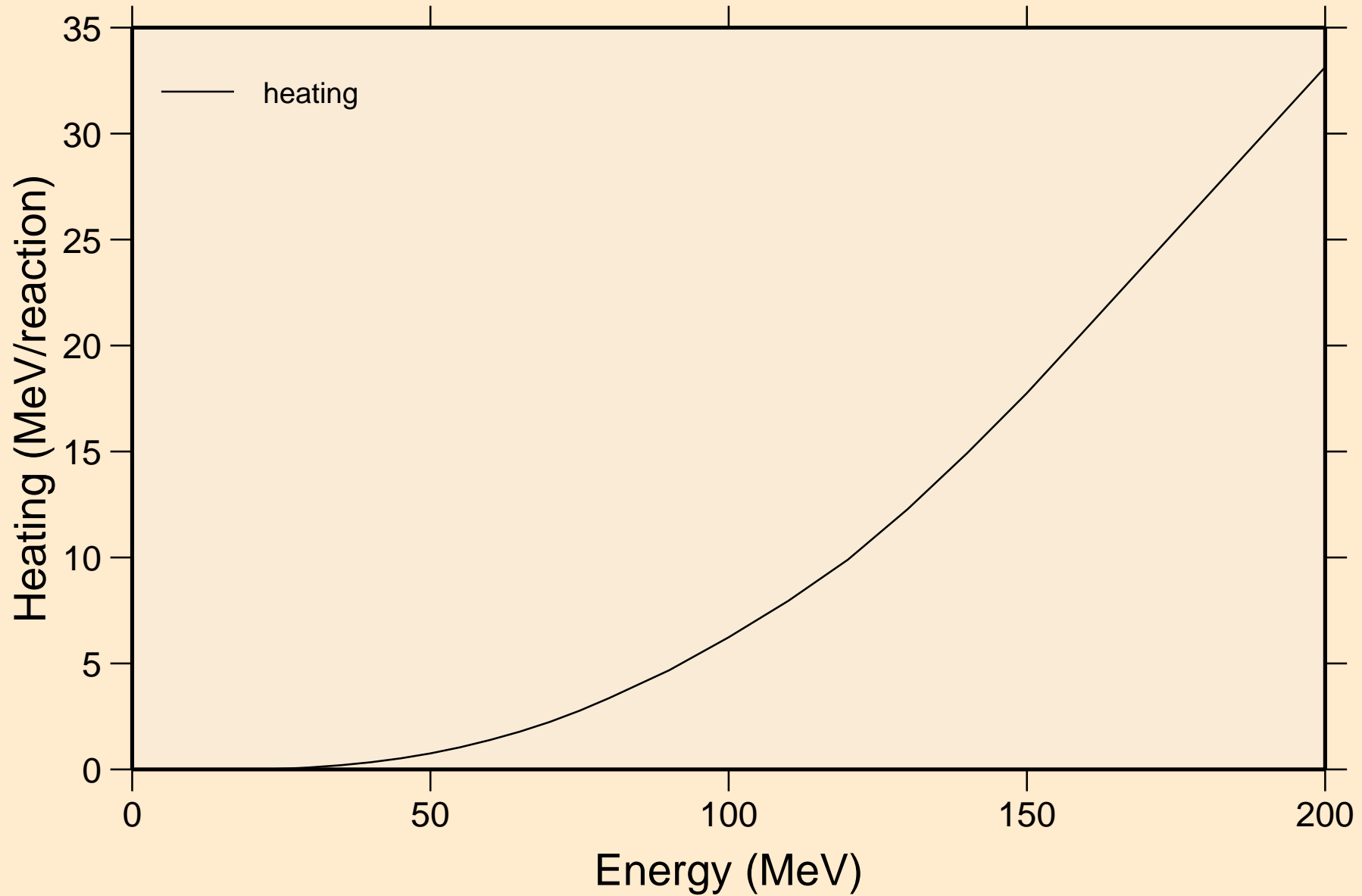
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections

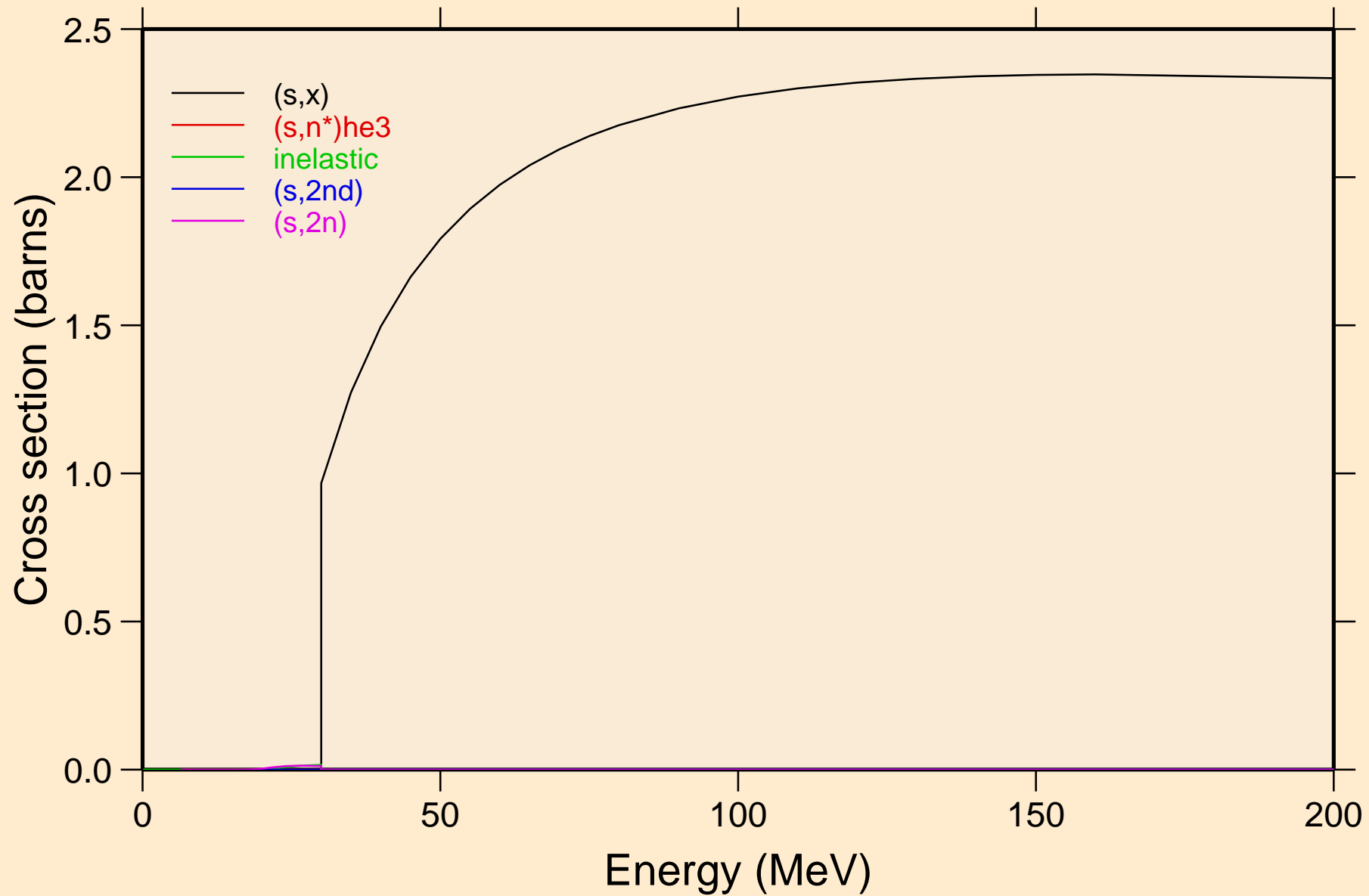


PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K

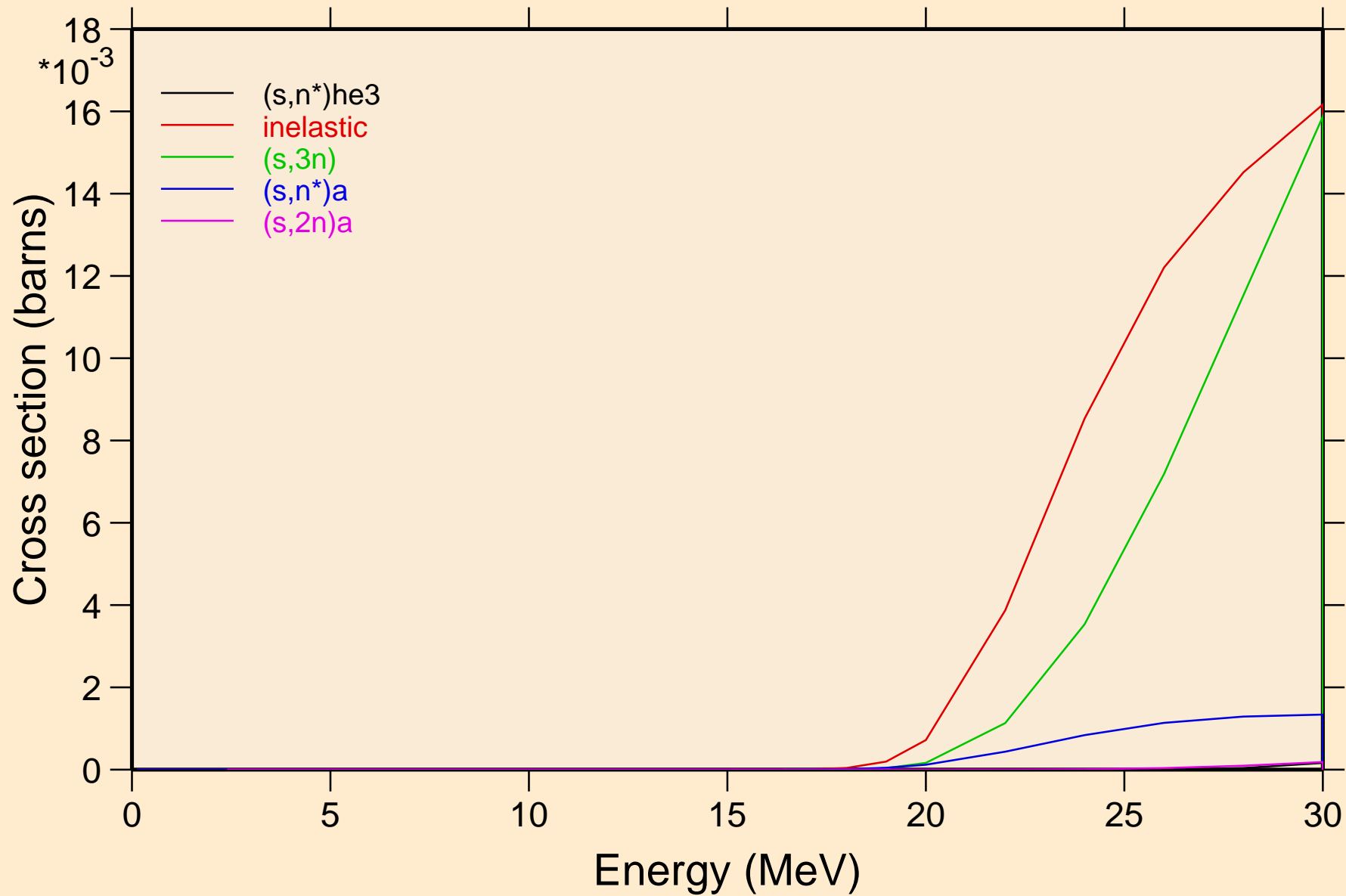
Heating



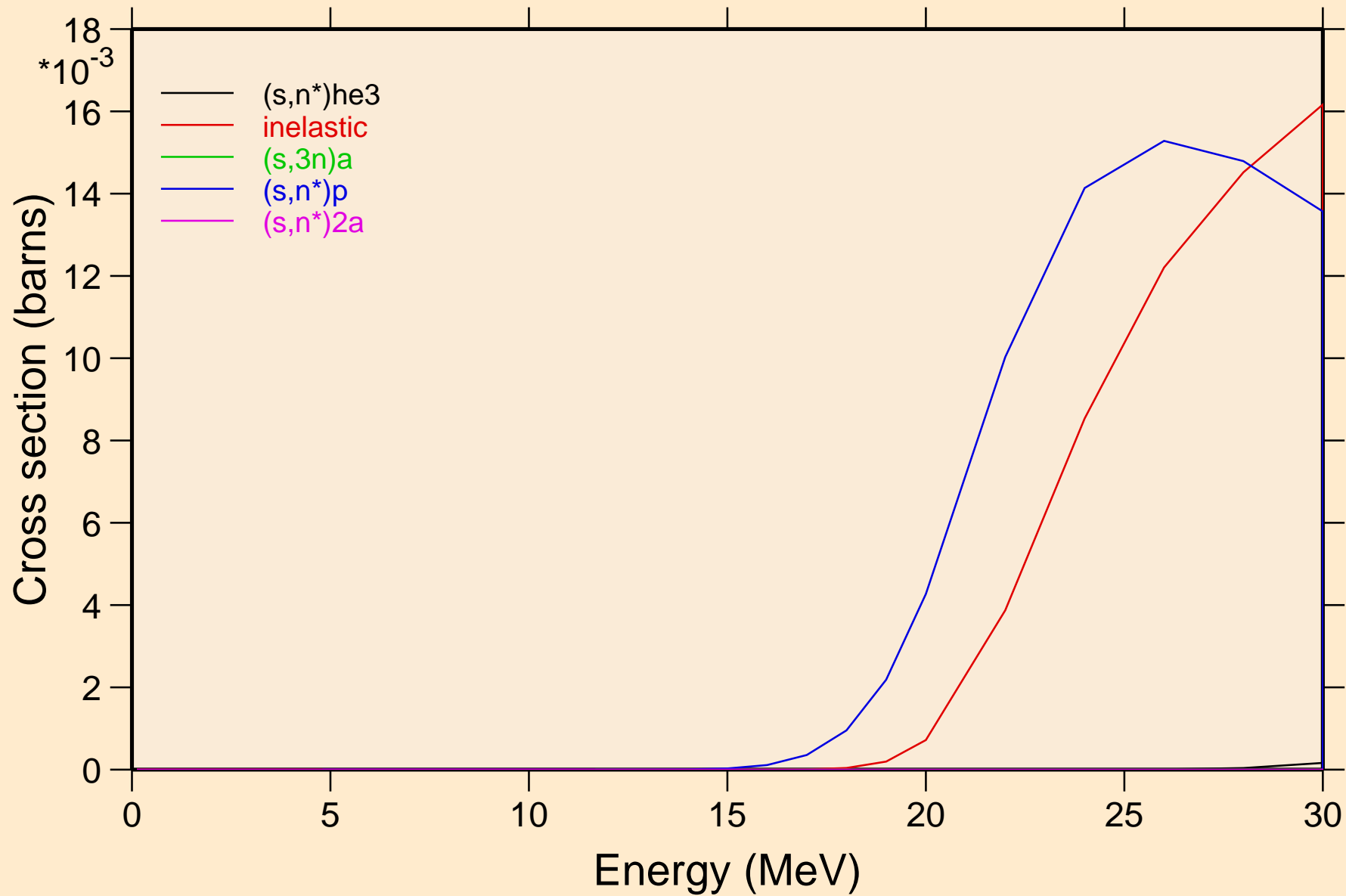
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Threshold reactions



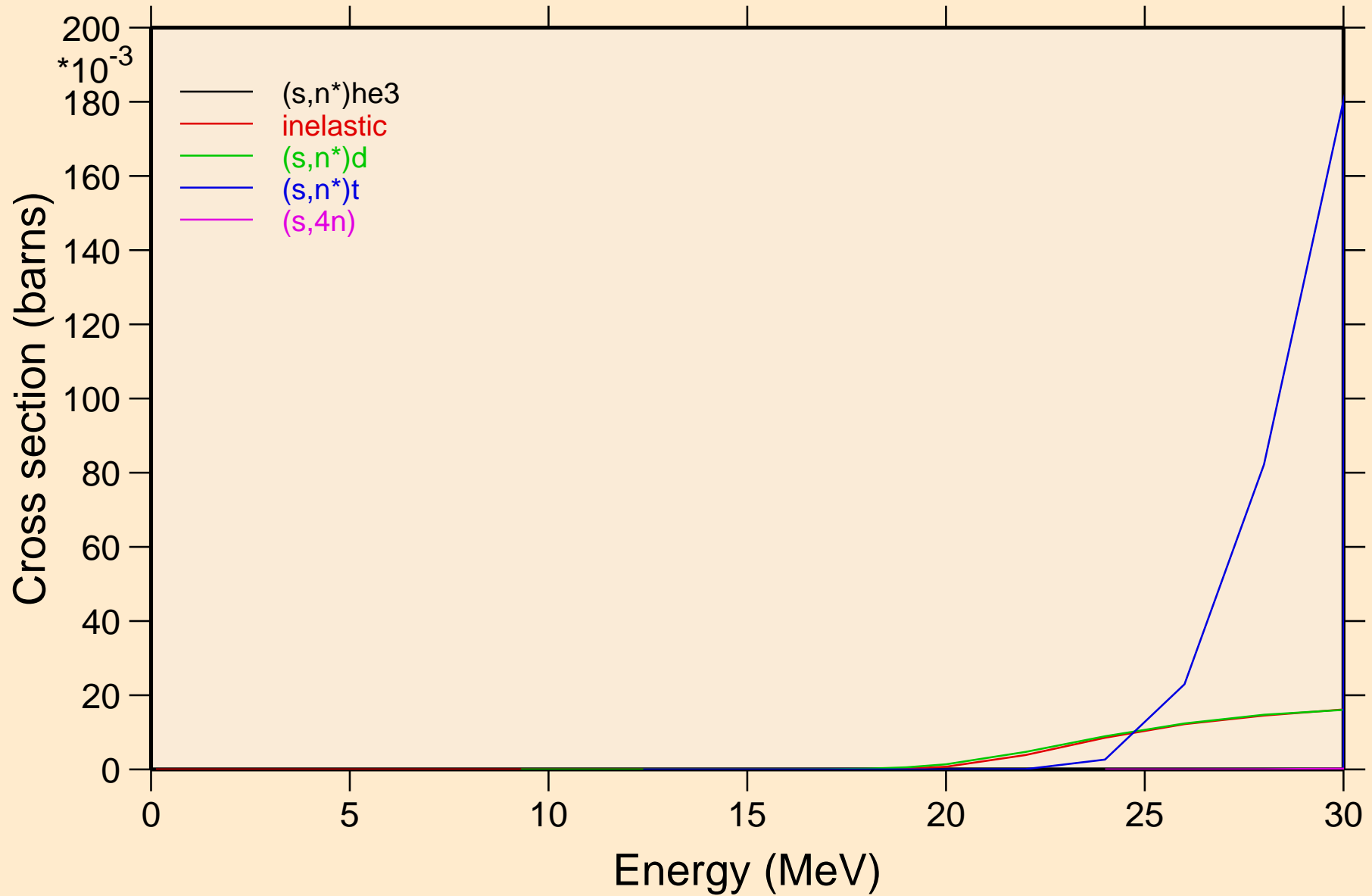
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



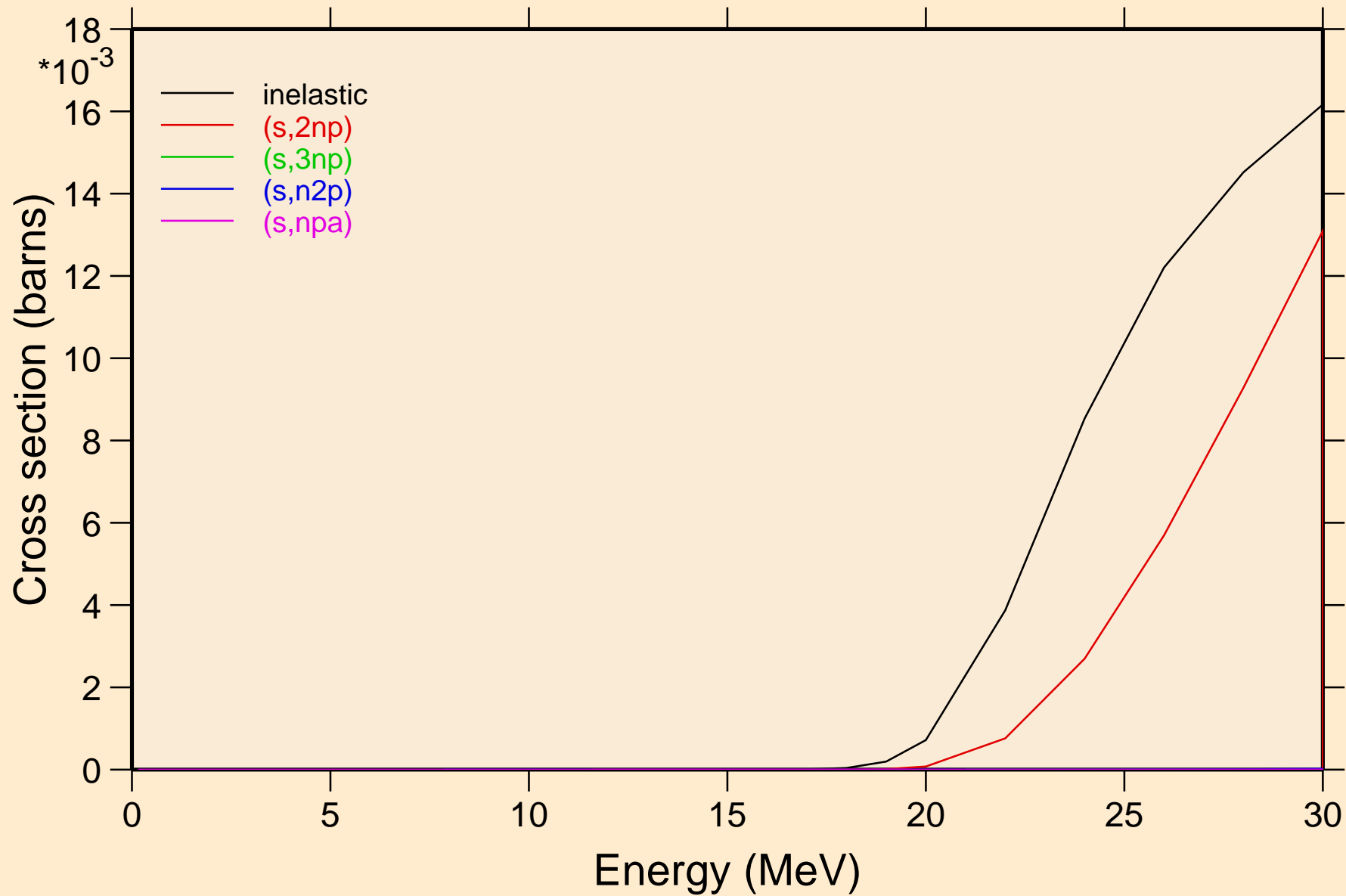
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



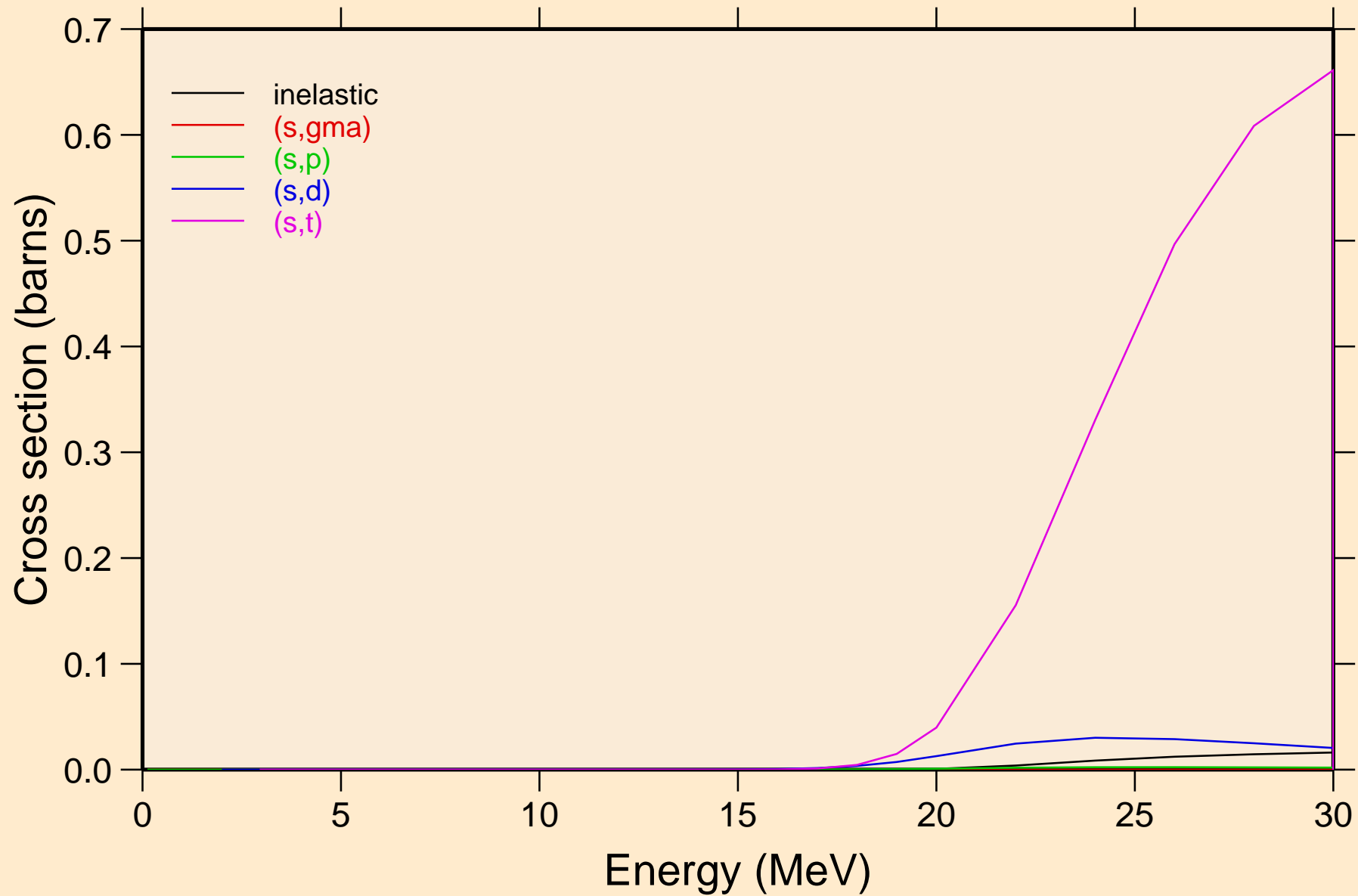
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



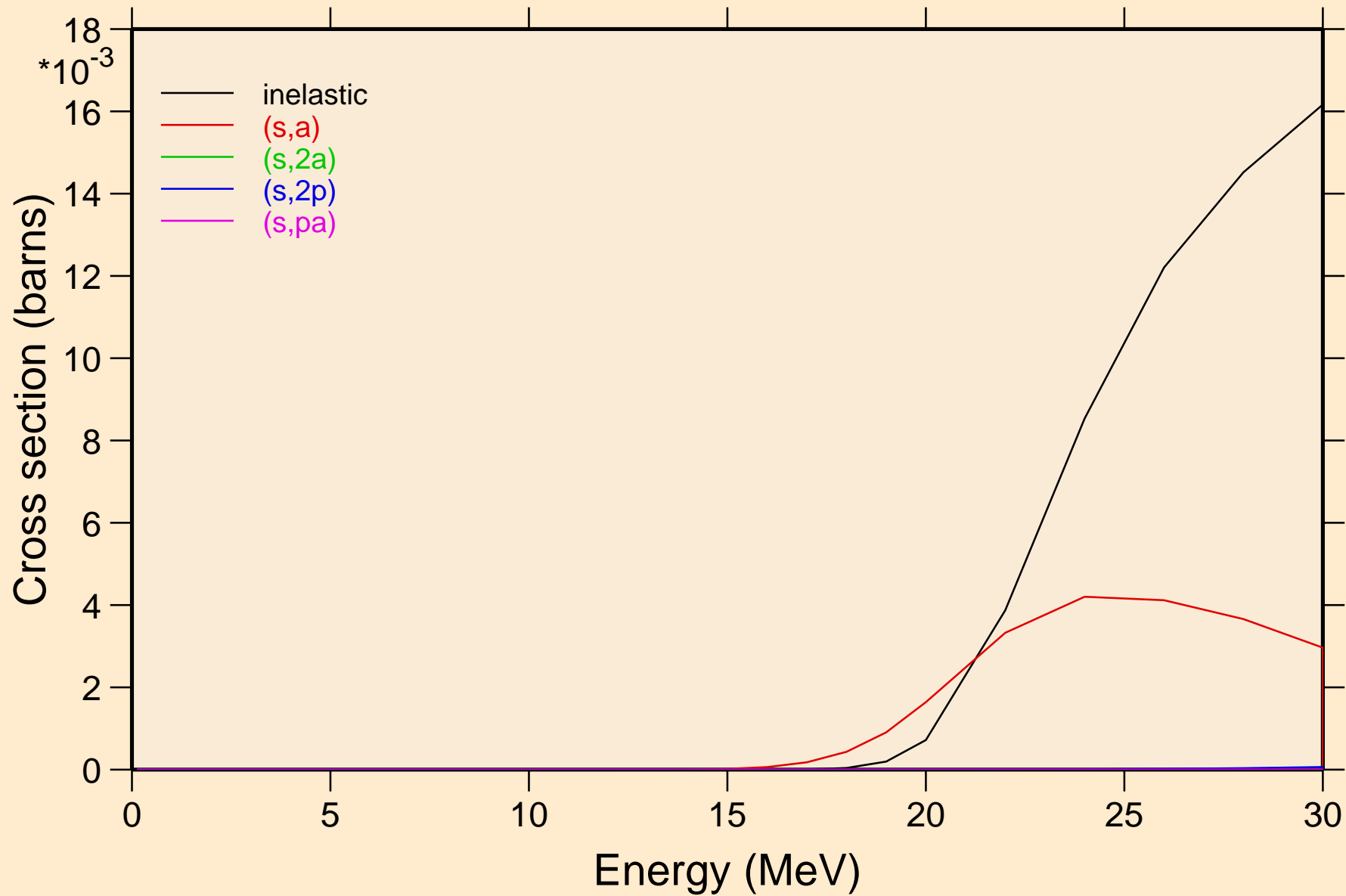
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Threshold reactions



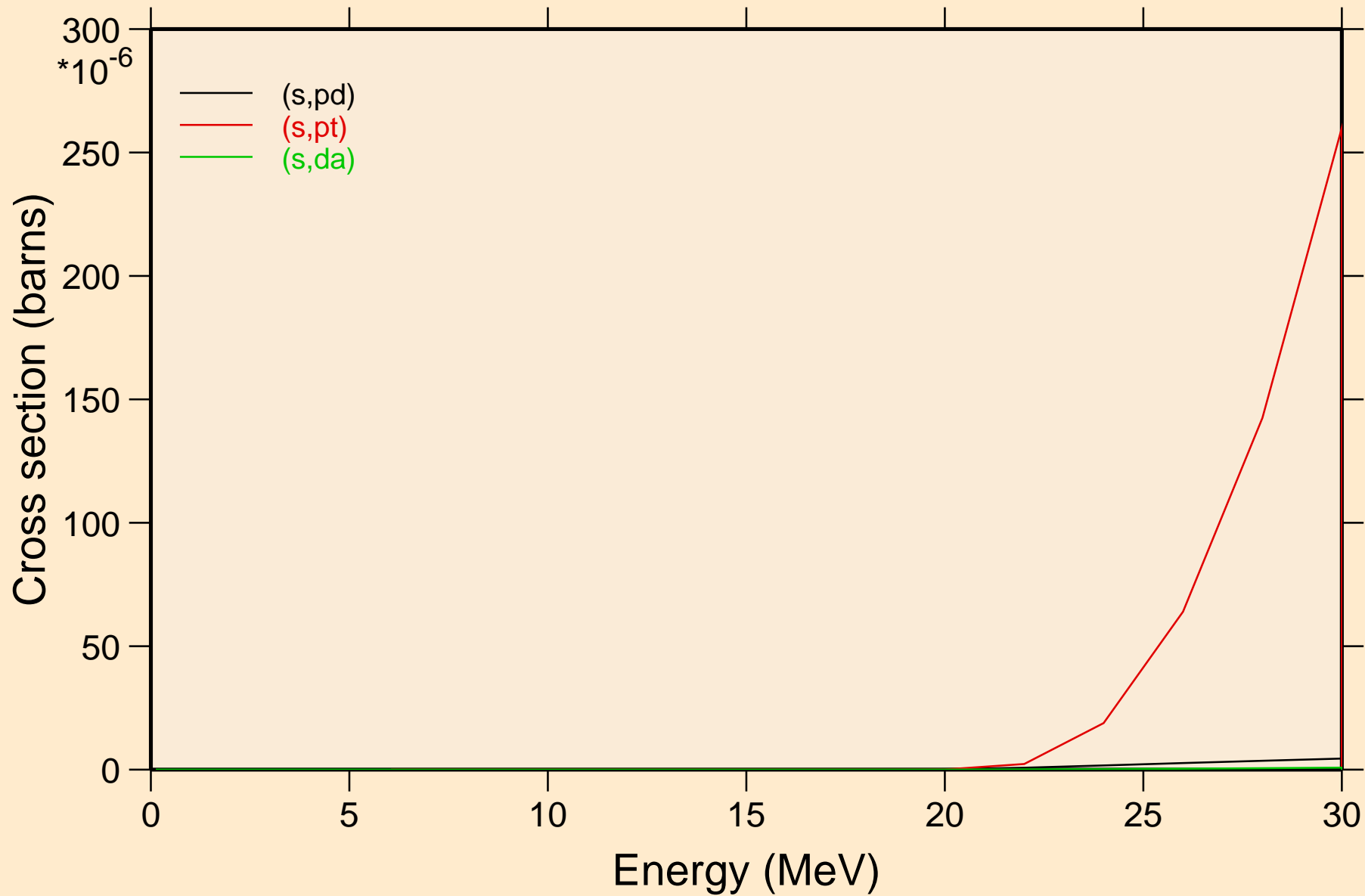
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



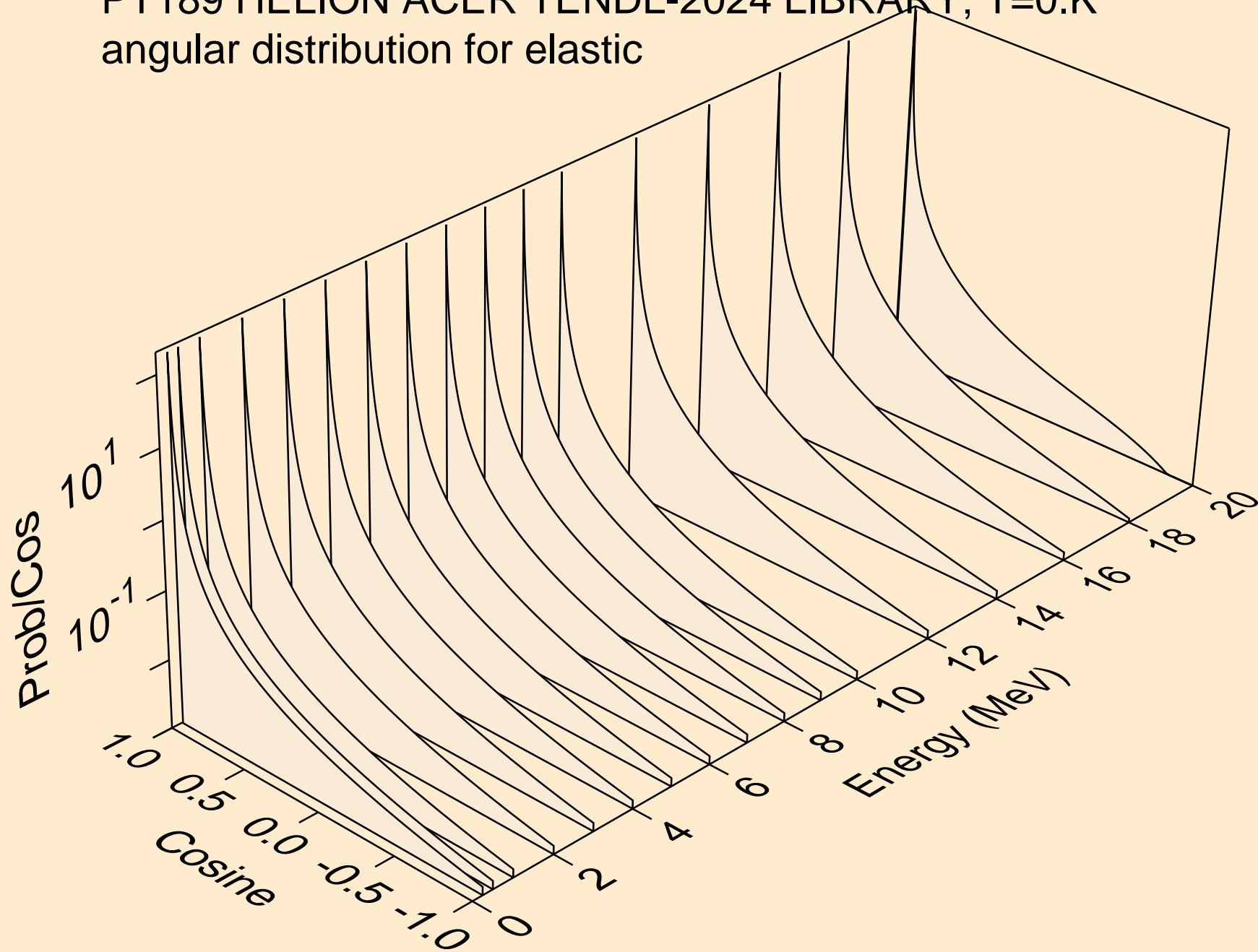
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Threshold reactions



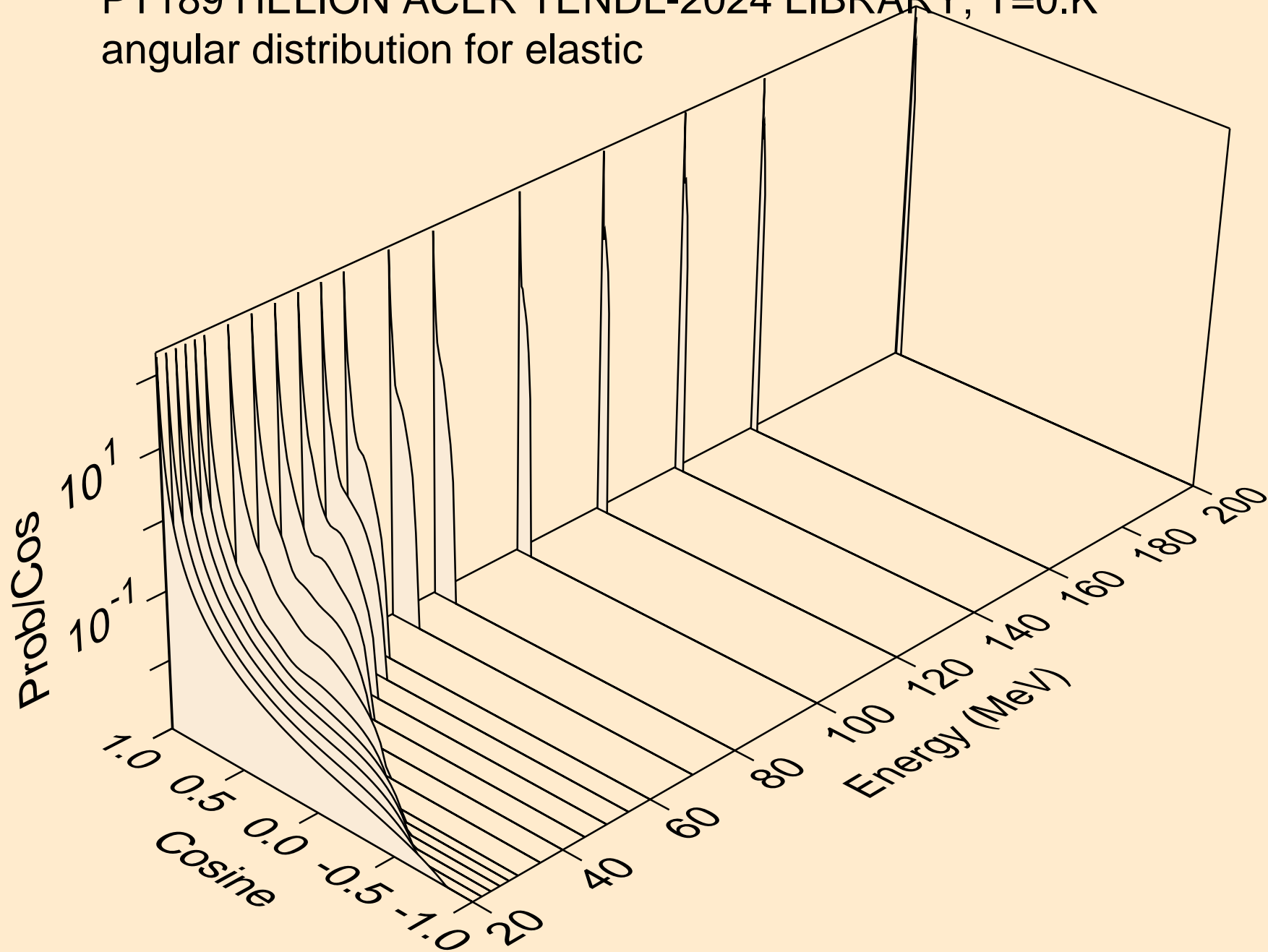
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



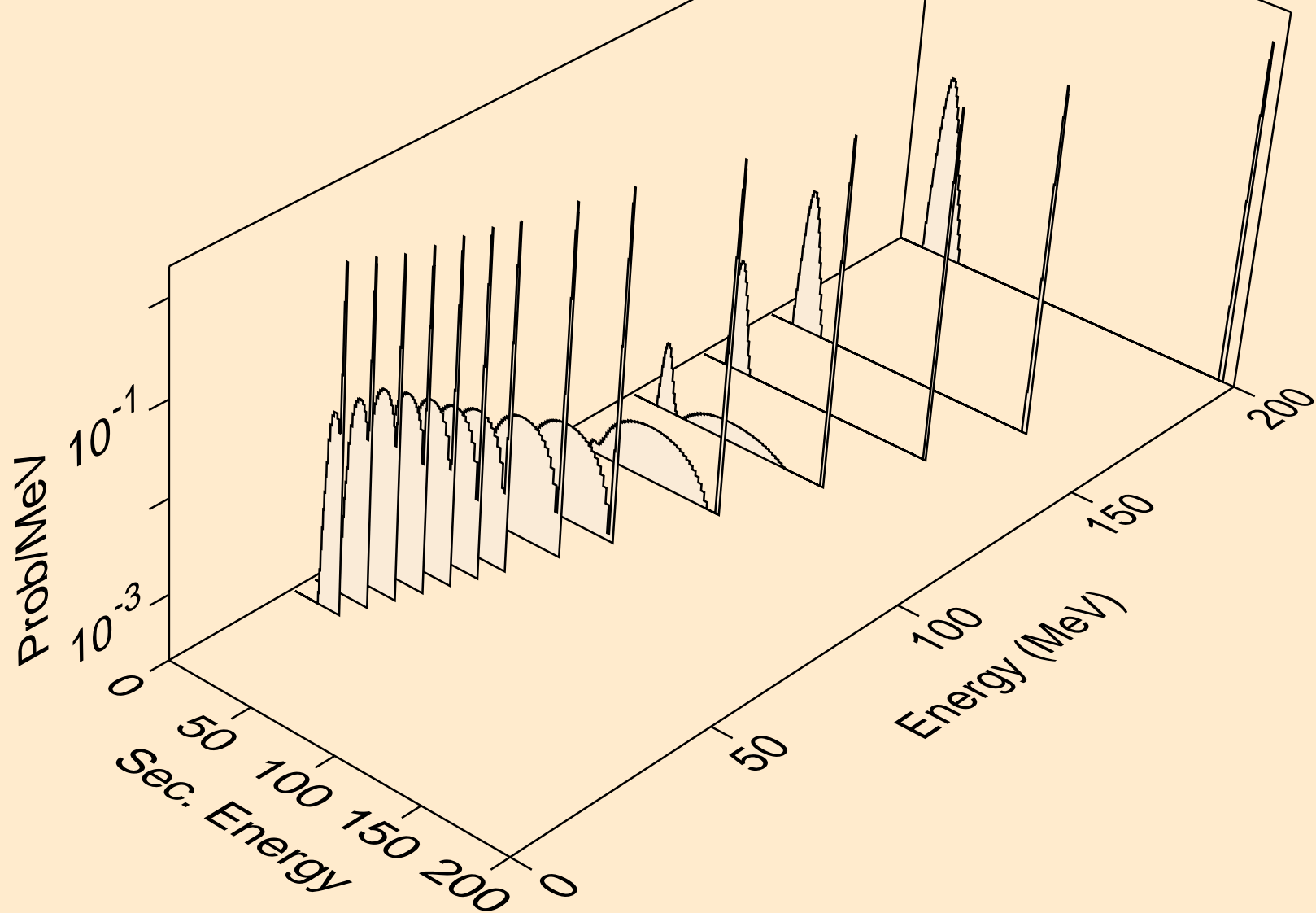
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



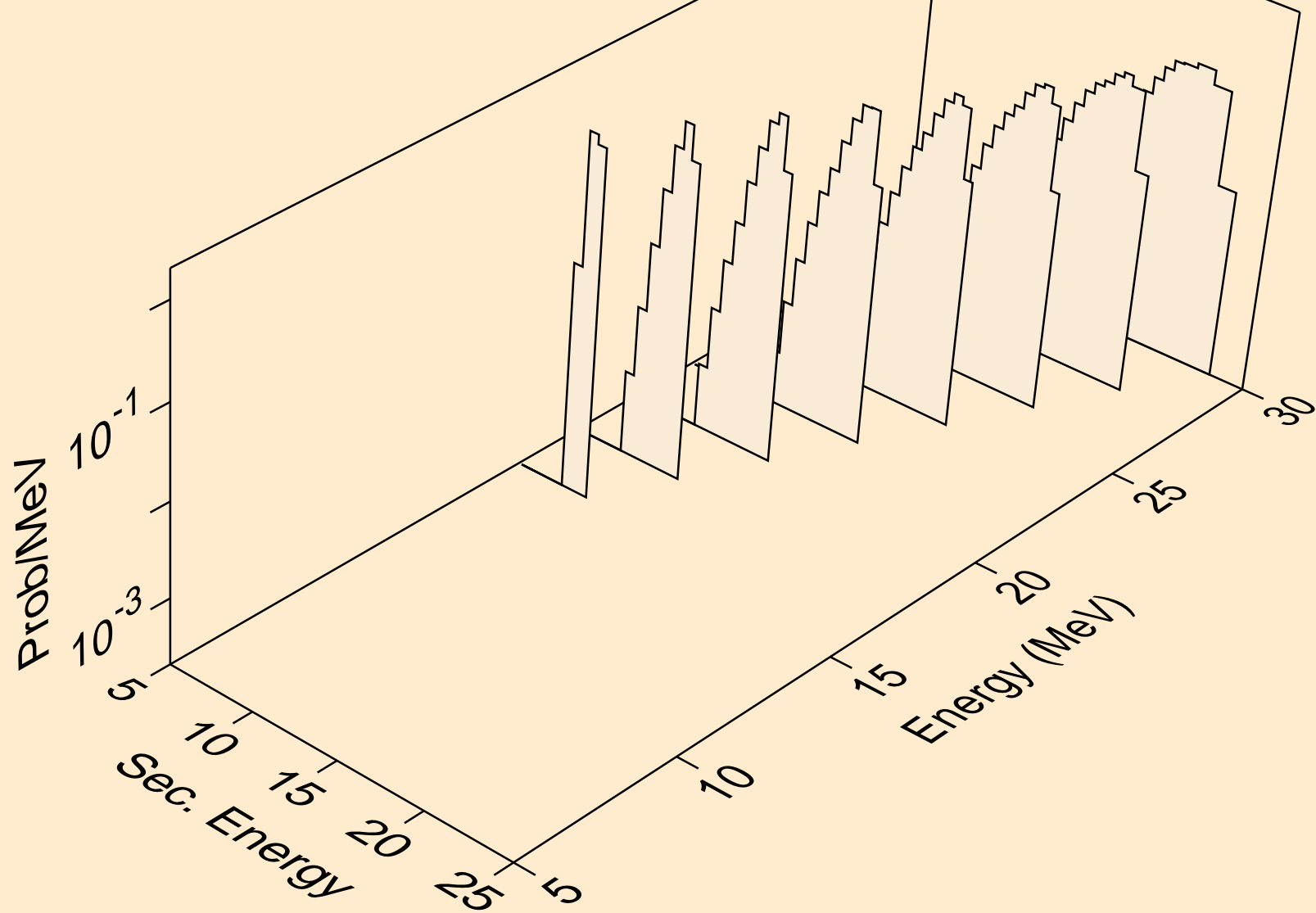
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angular distribution for elastic



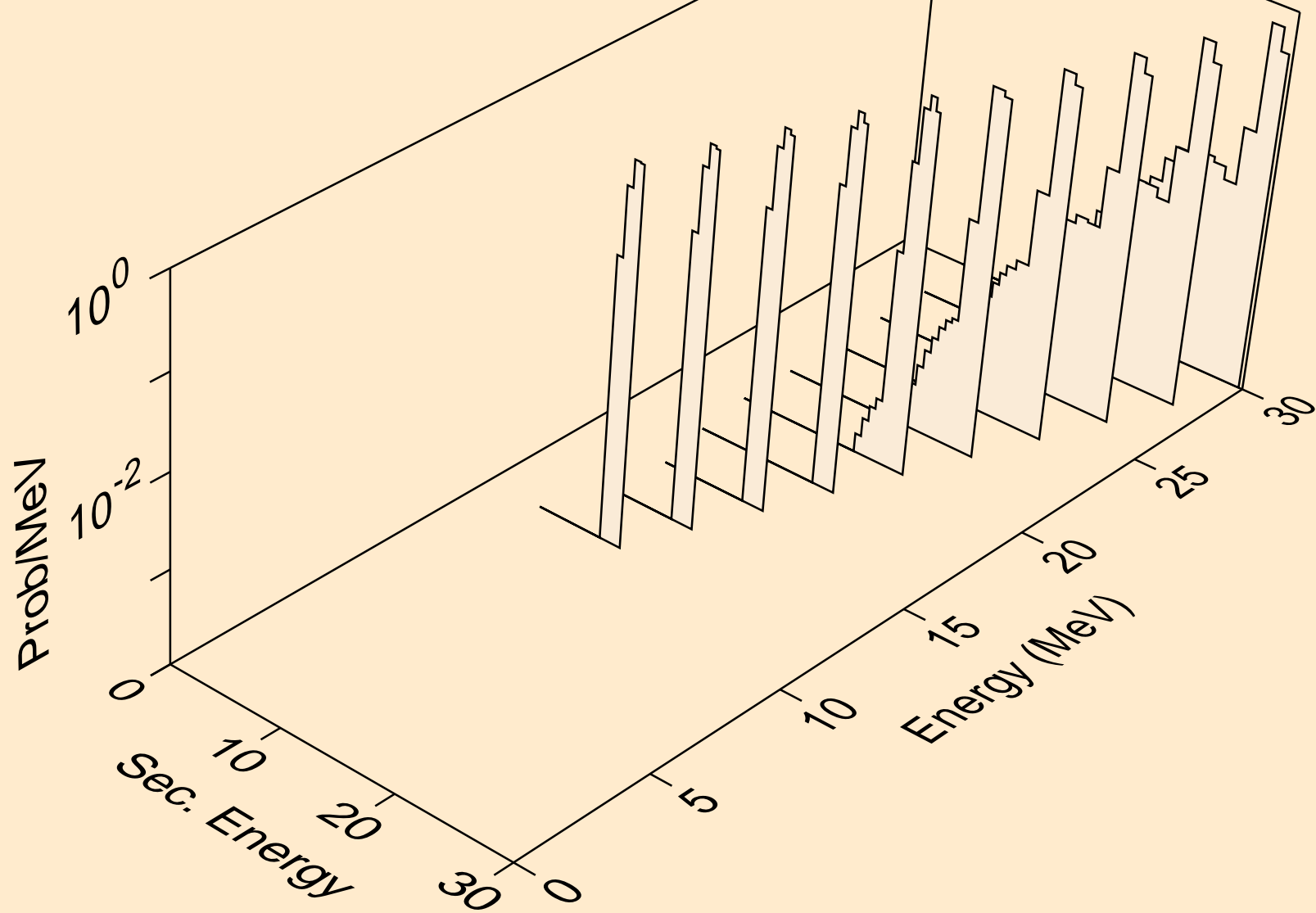
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,x)



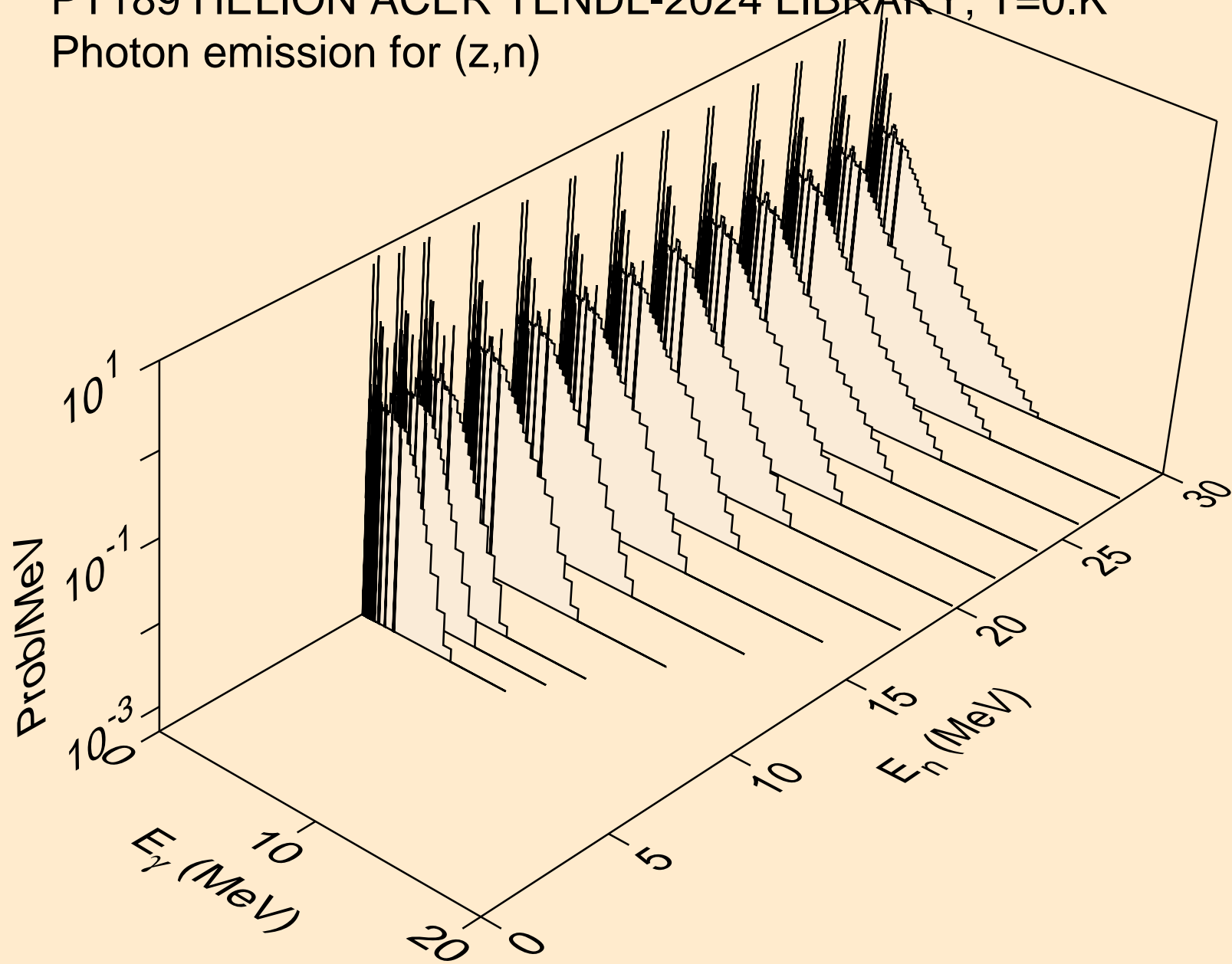
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



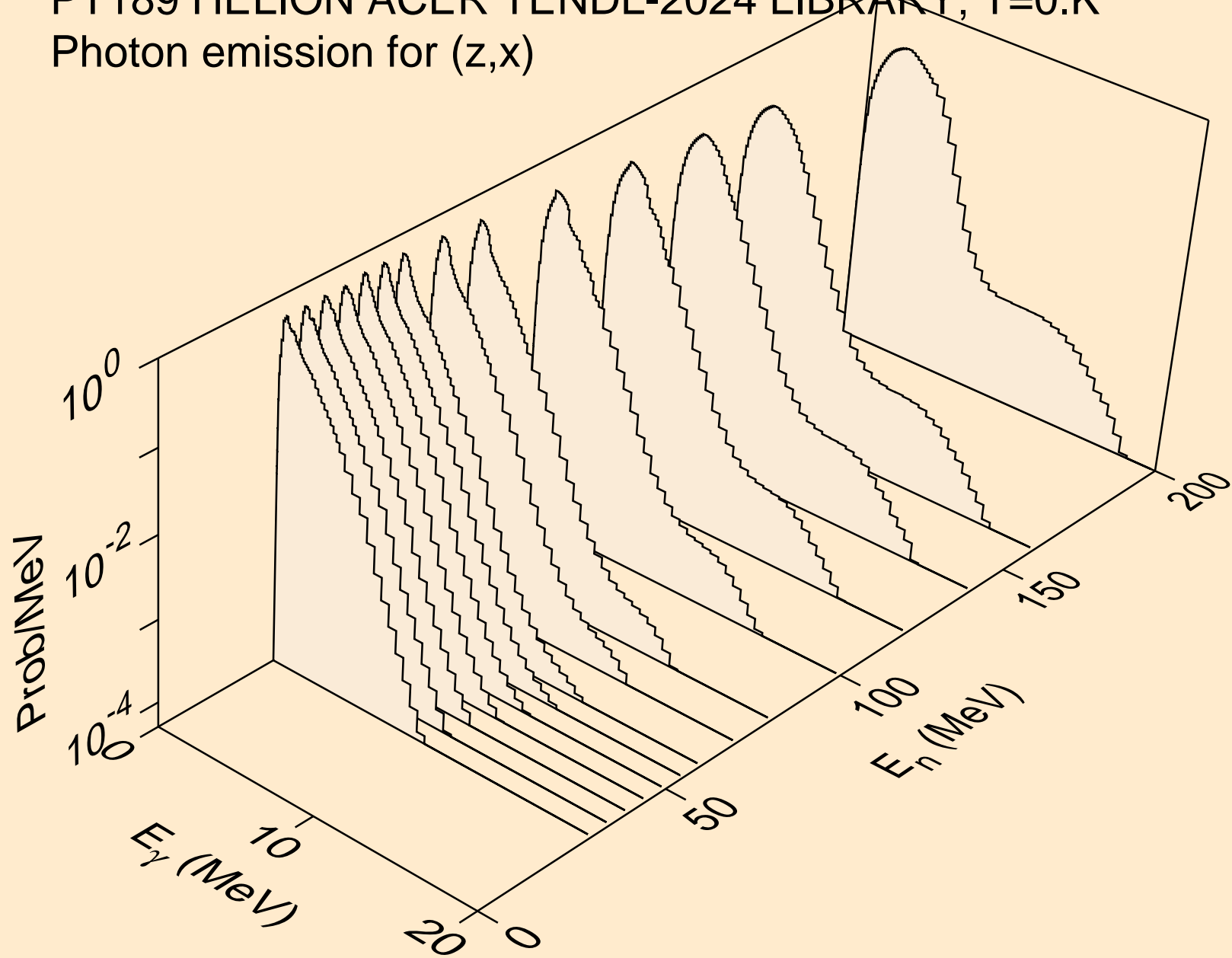
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for inelastic



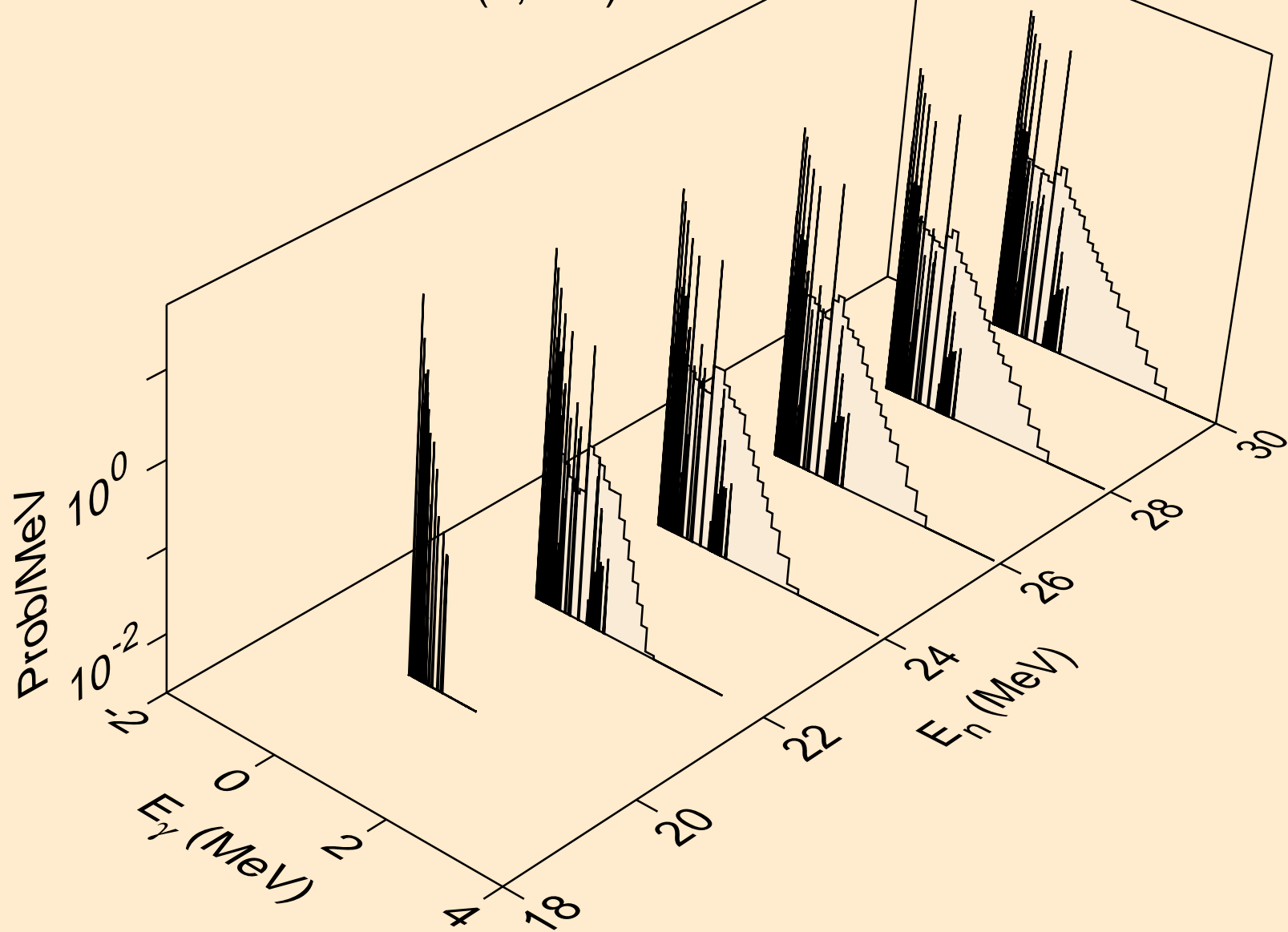
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)



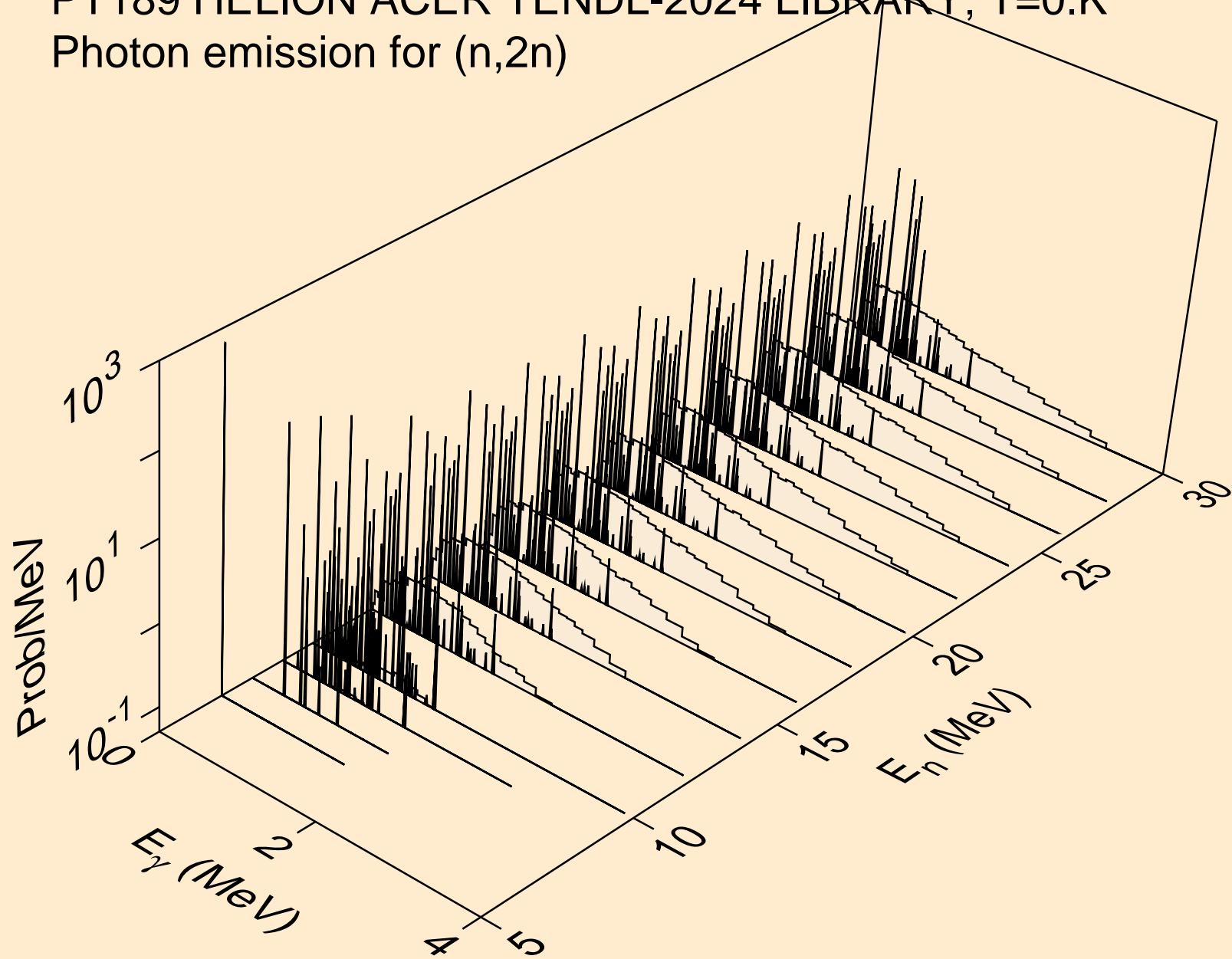
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,x)



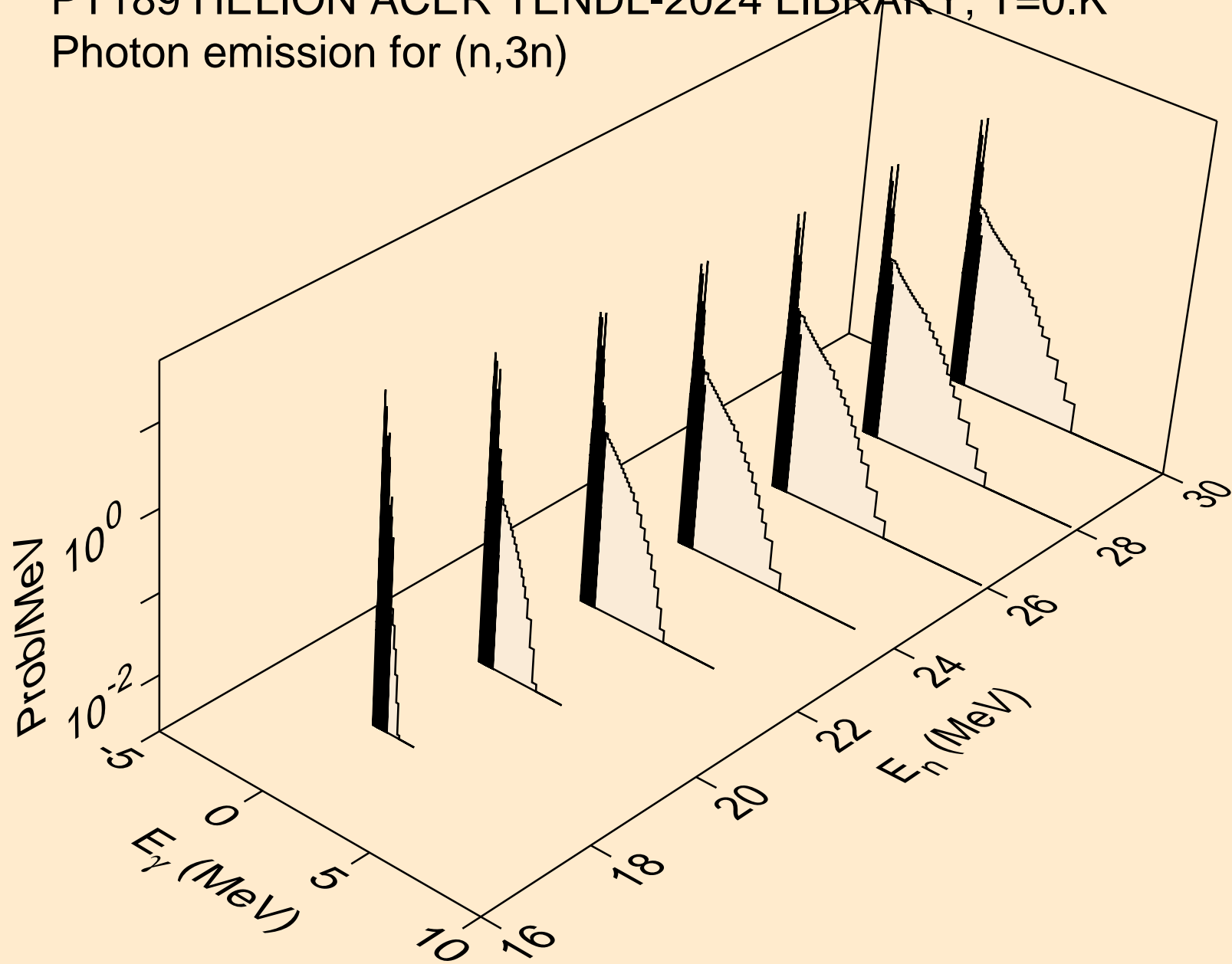
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



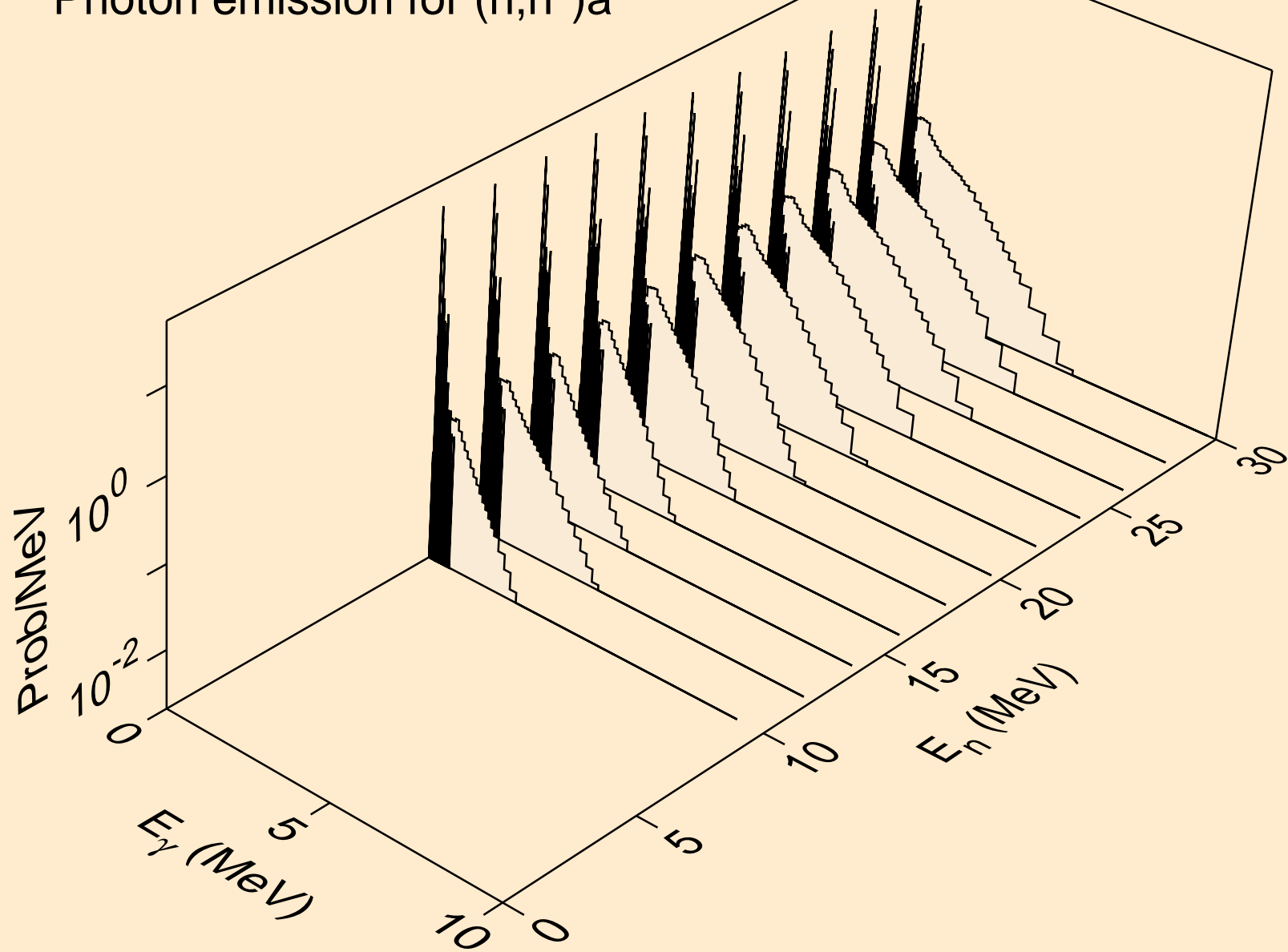
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



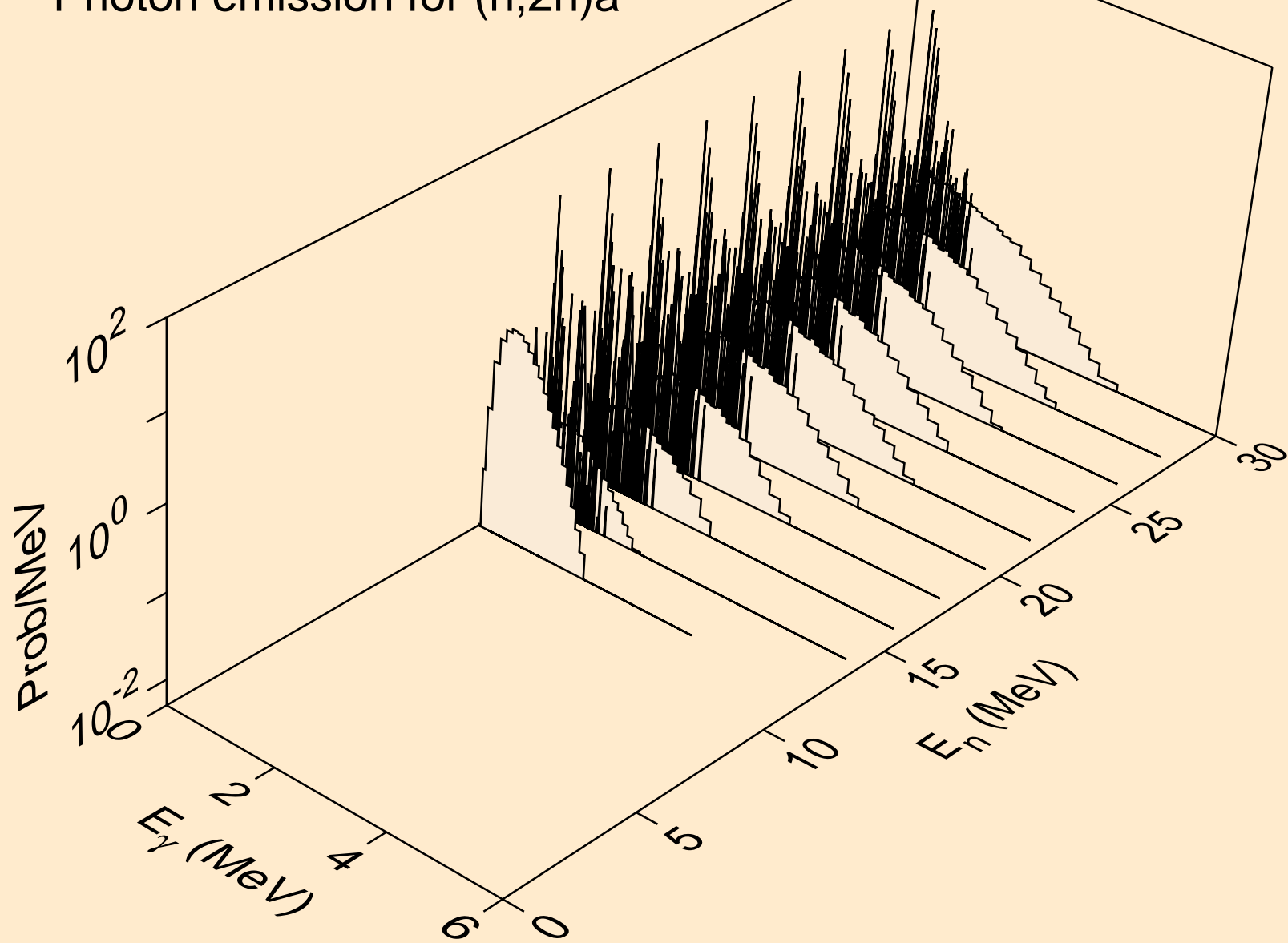
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



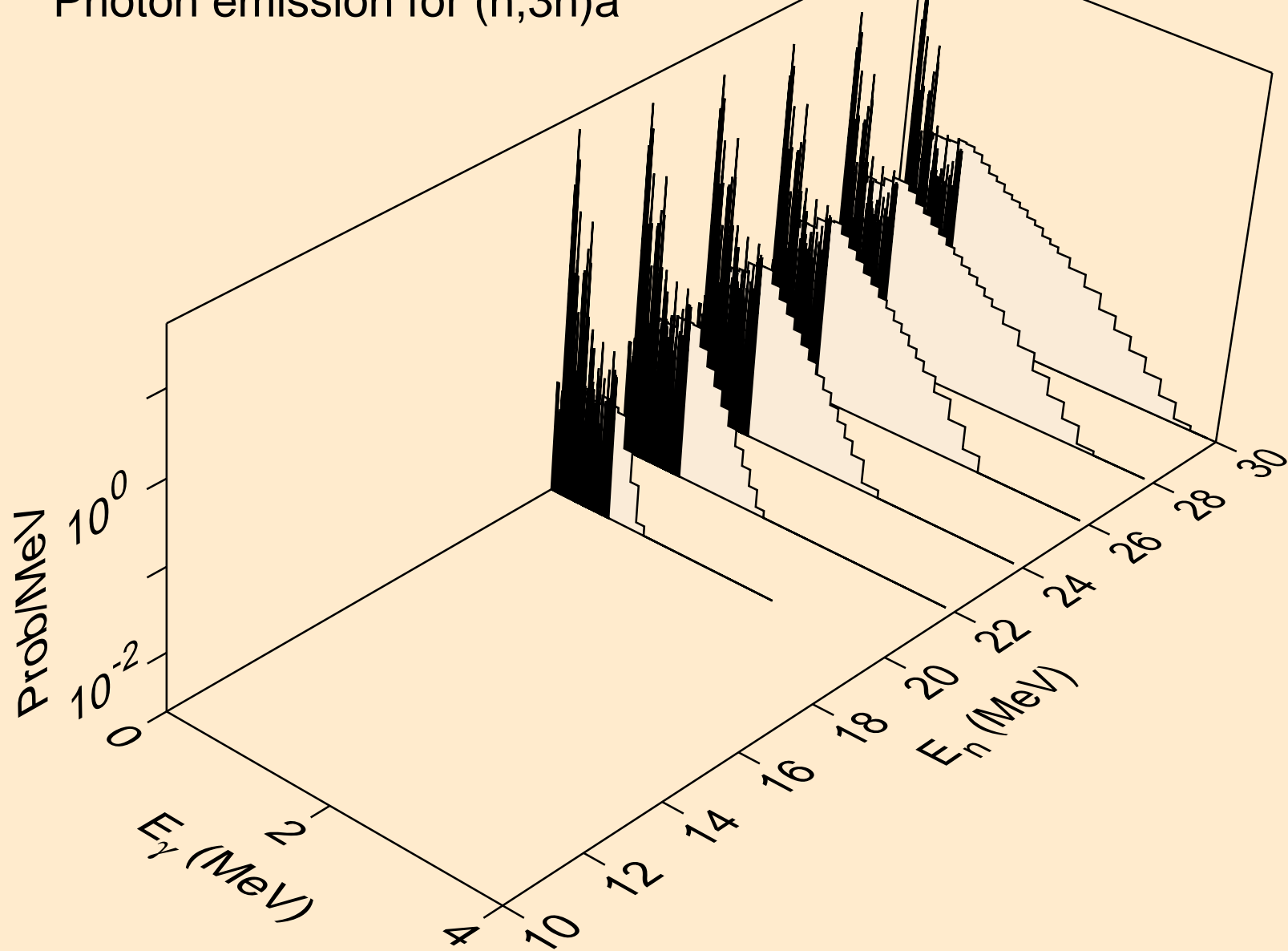
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



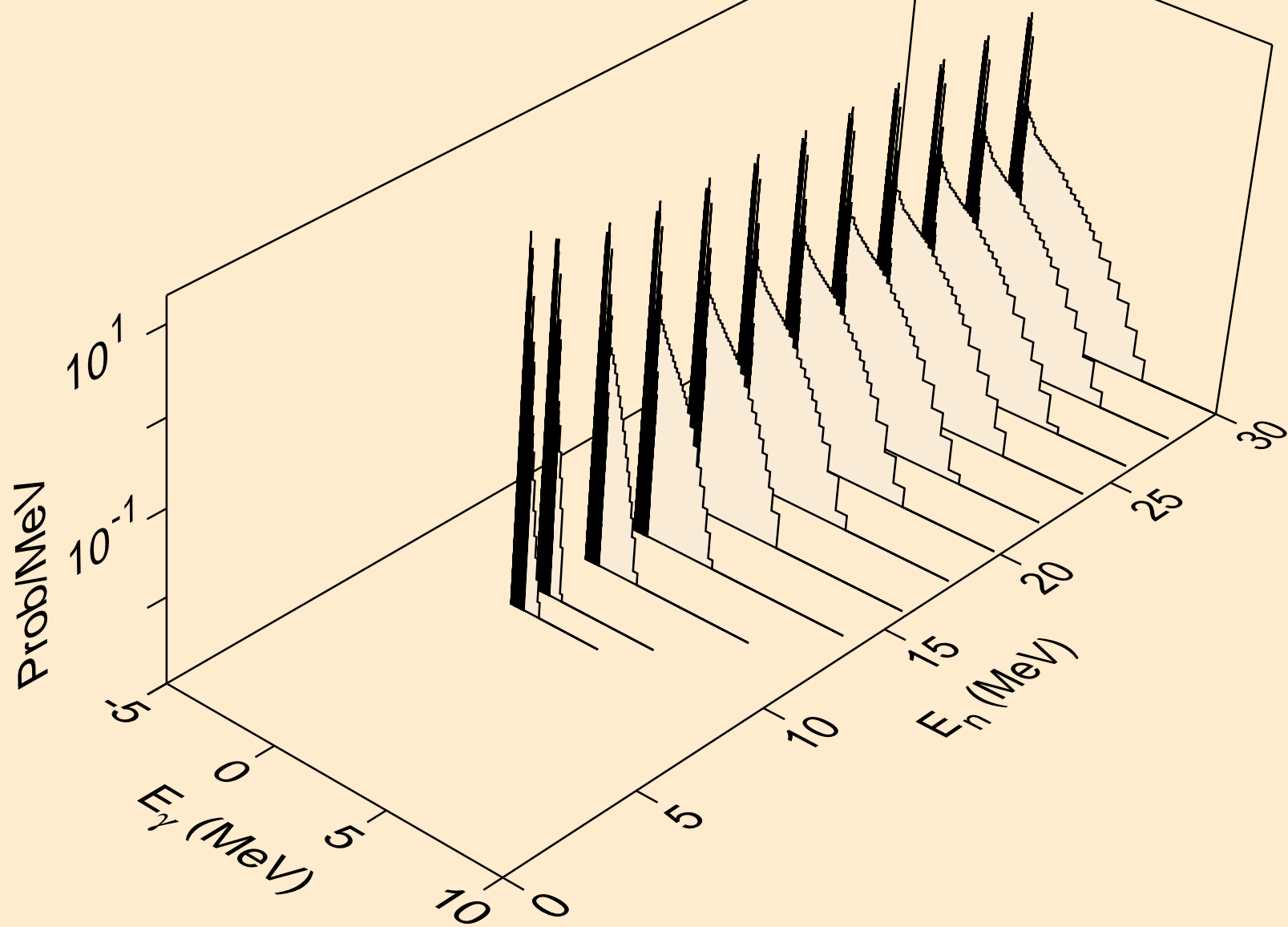
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



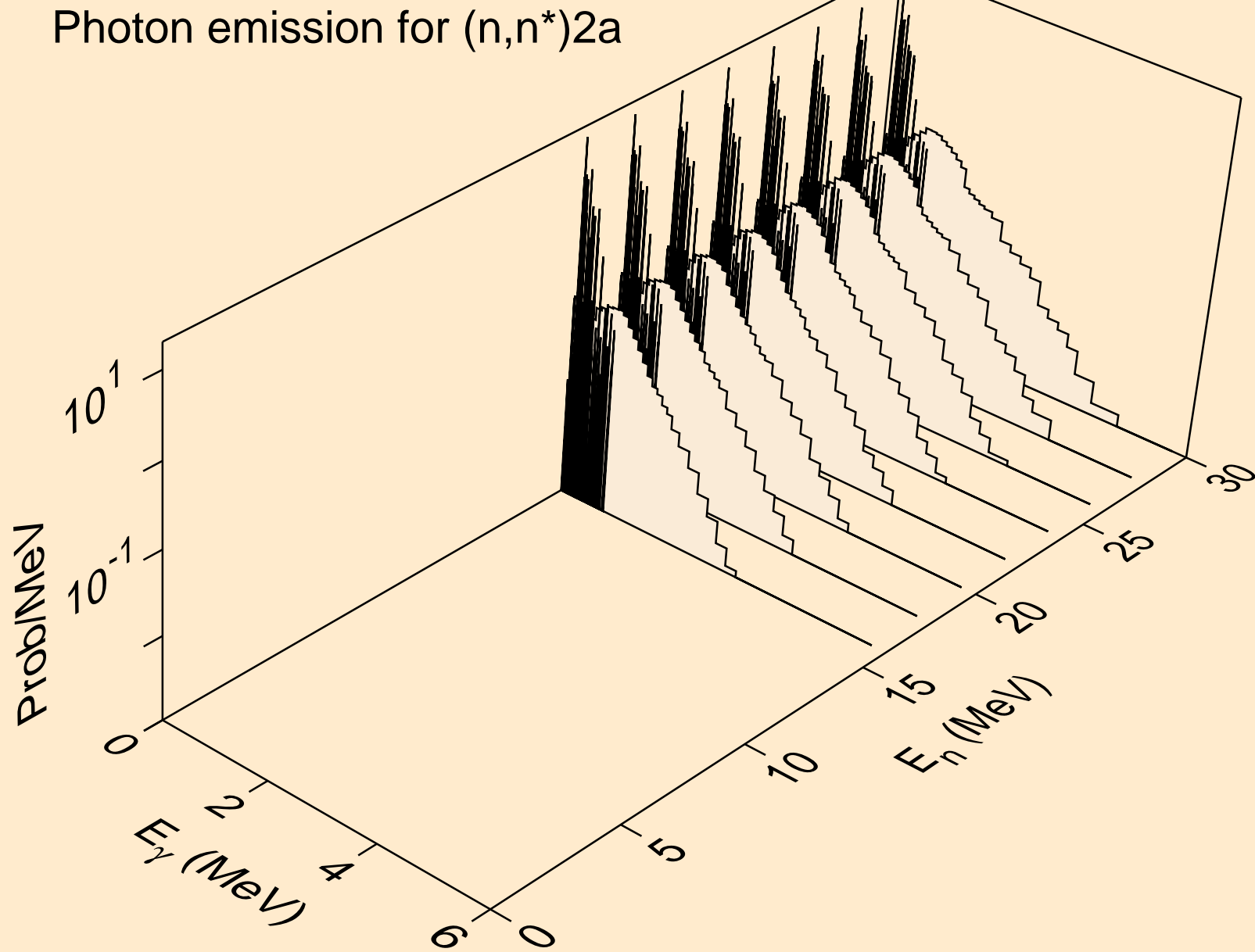
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



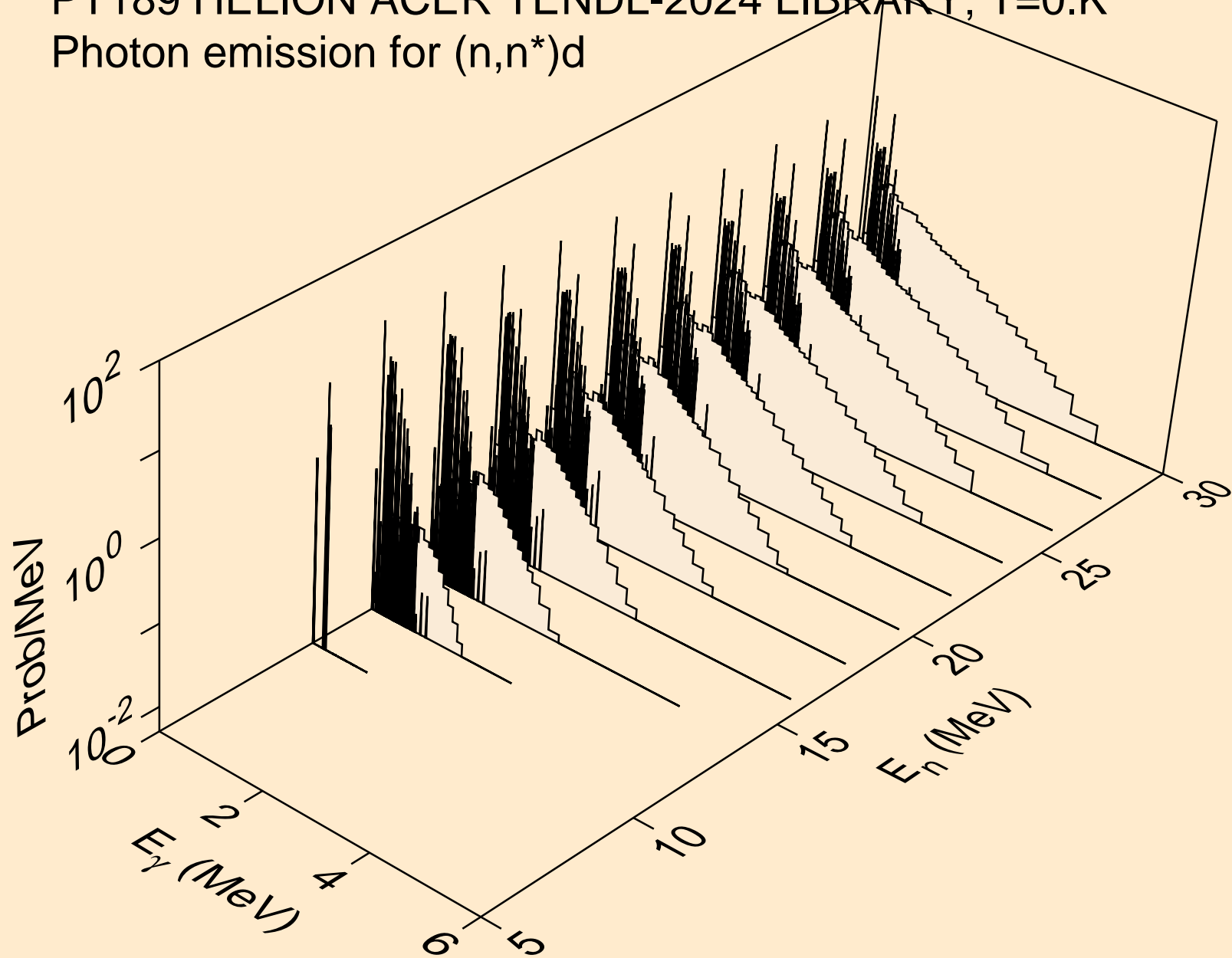
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



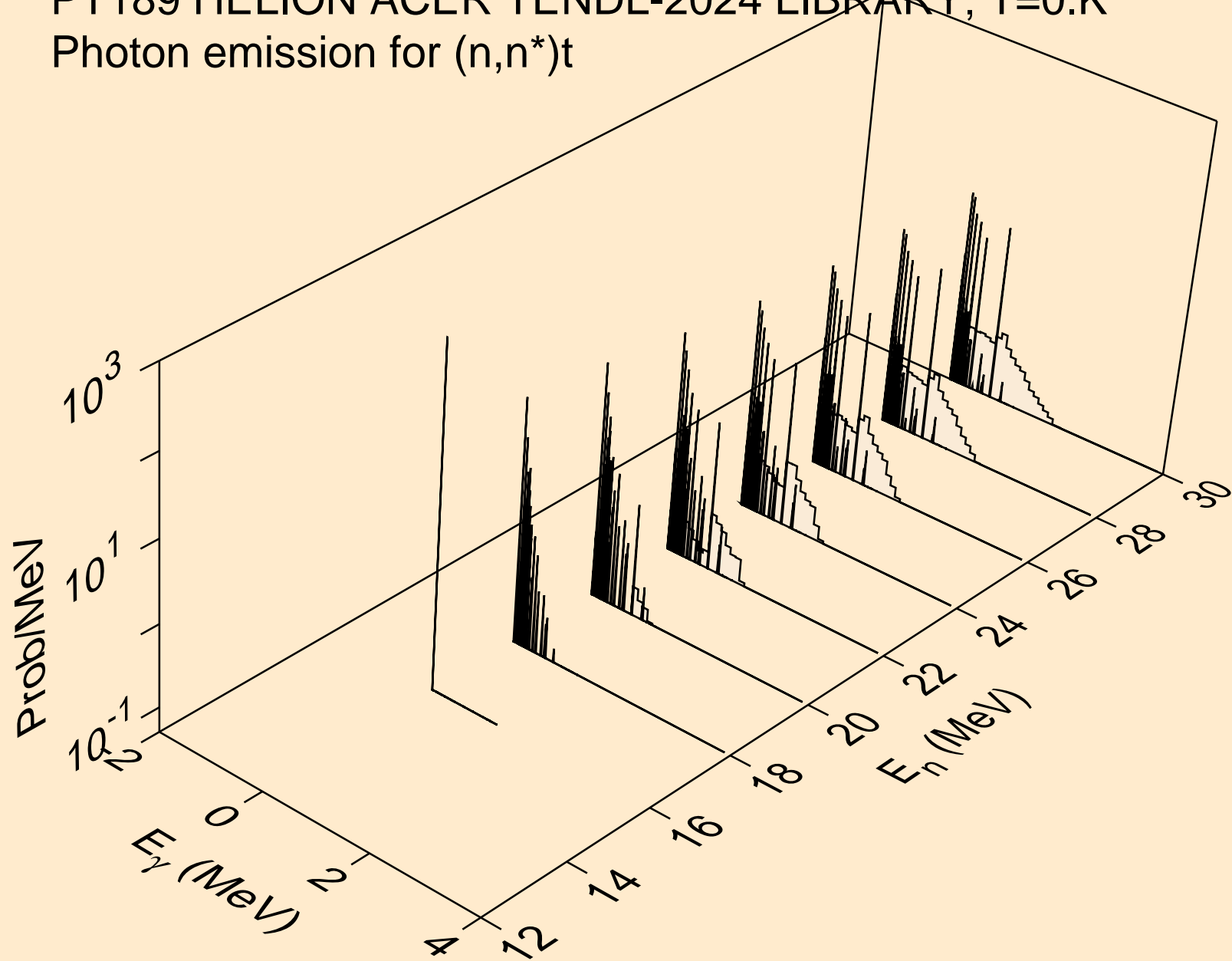
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



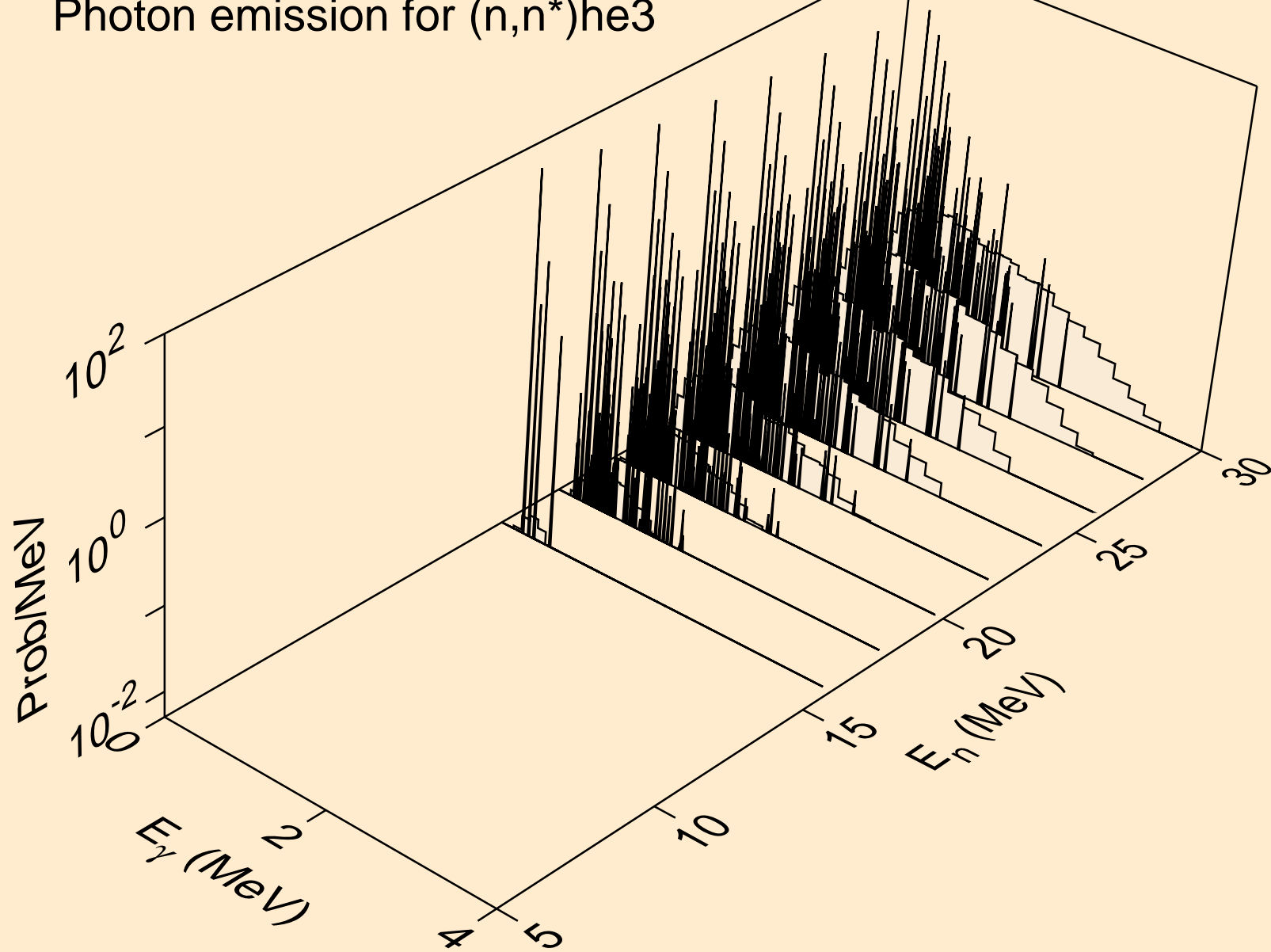
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



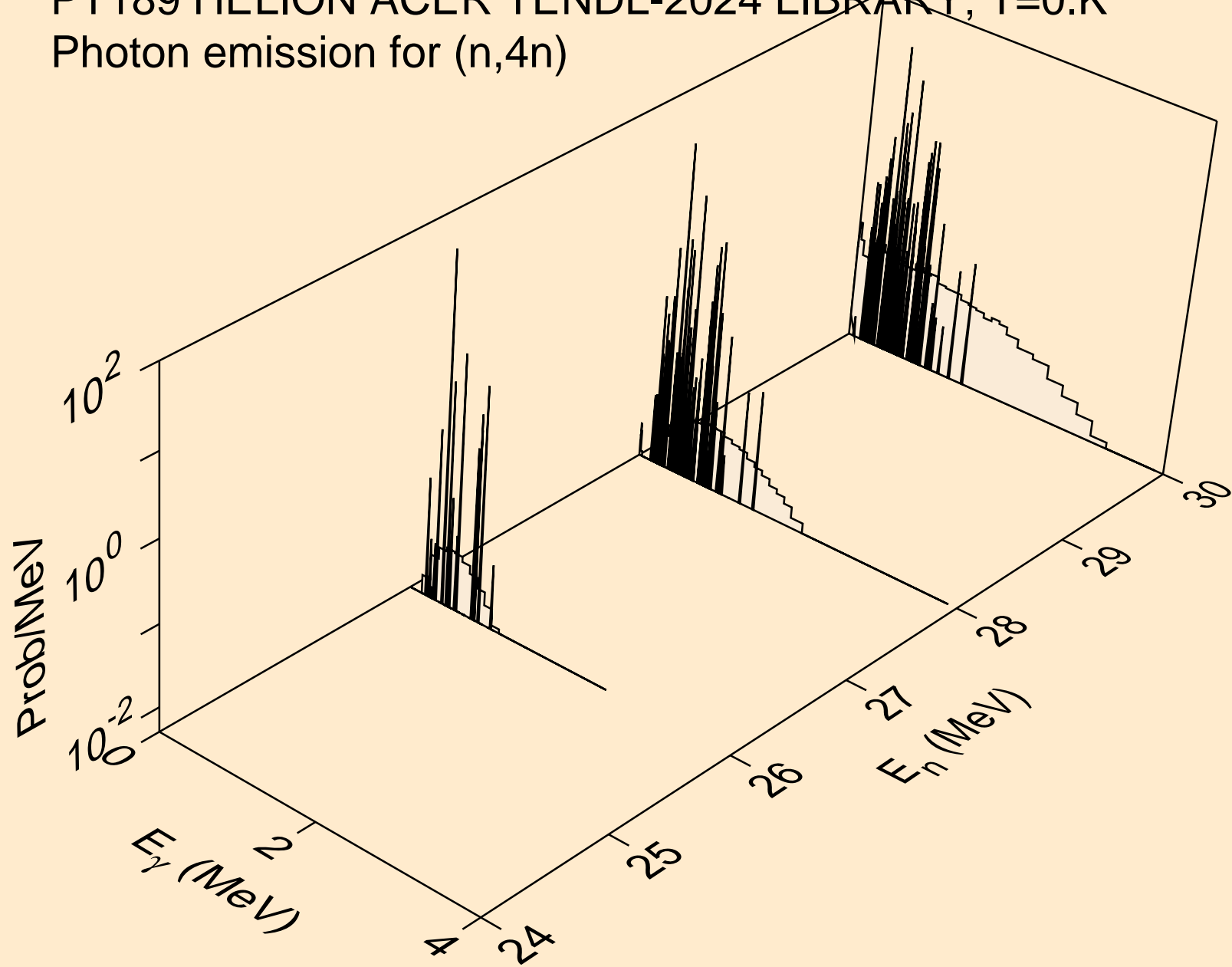
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



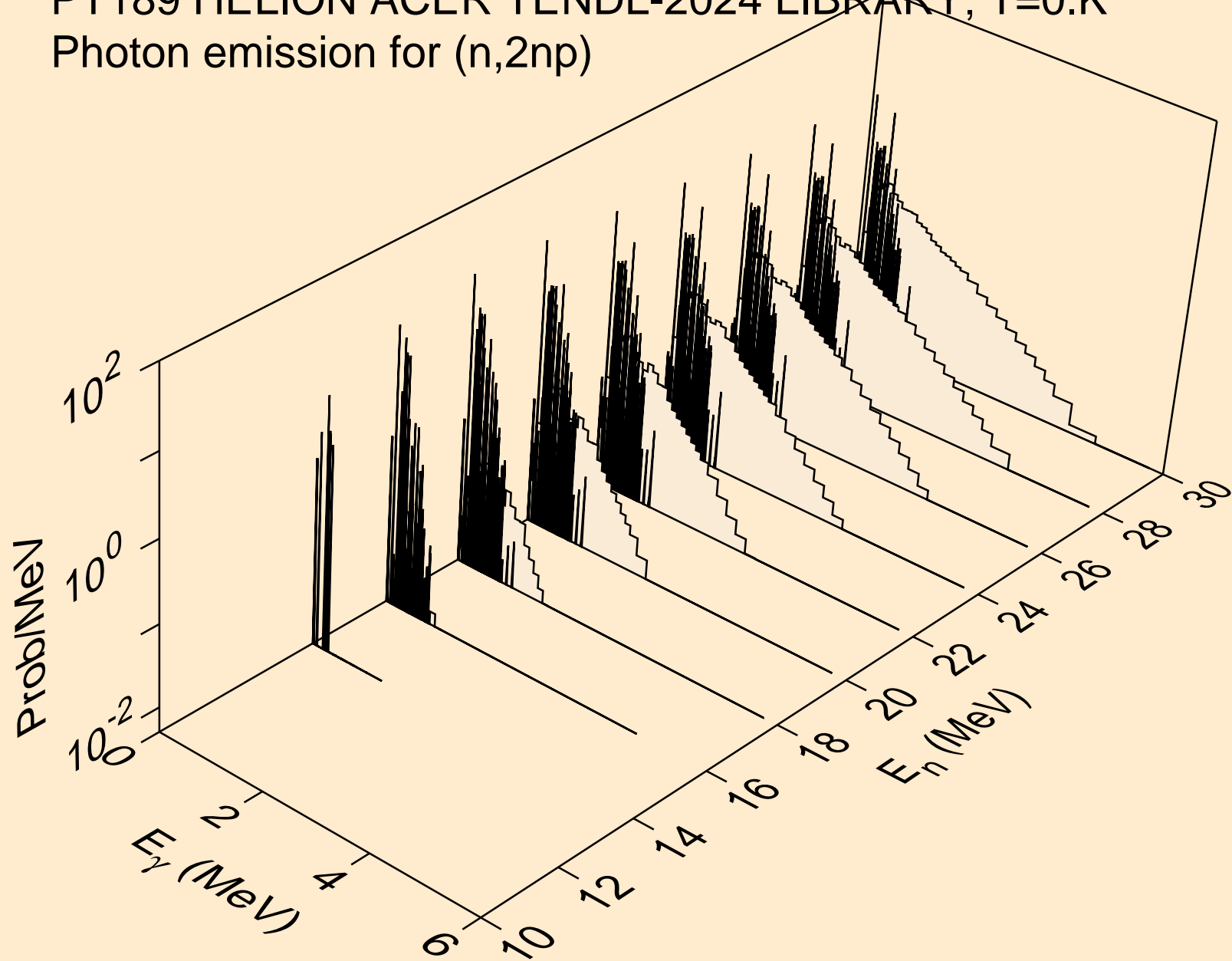
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



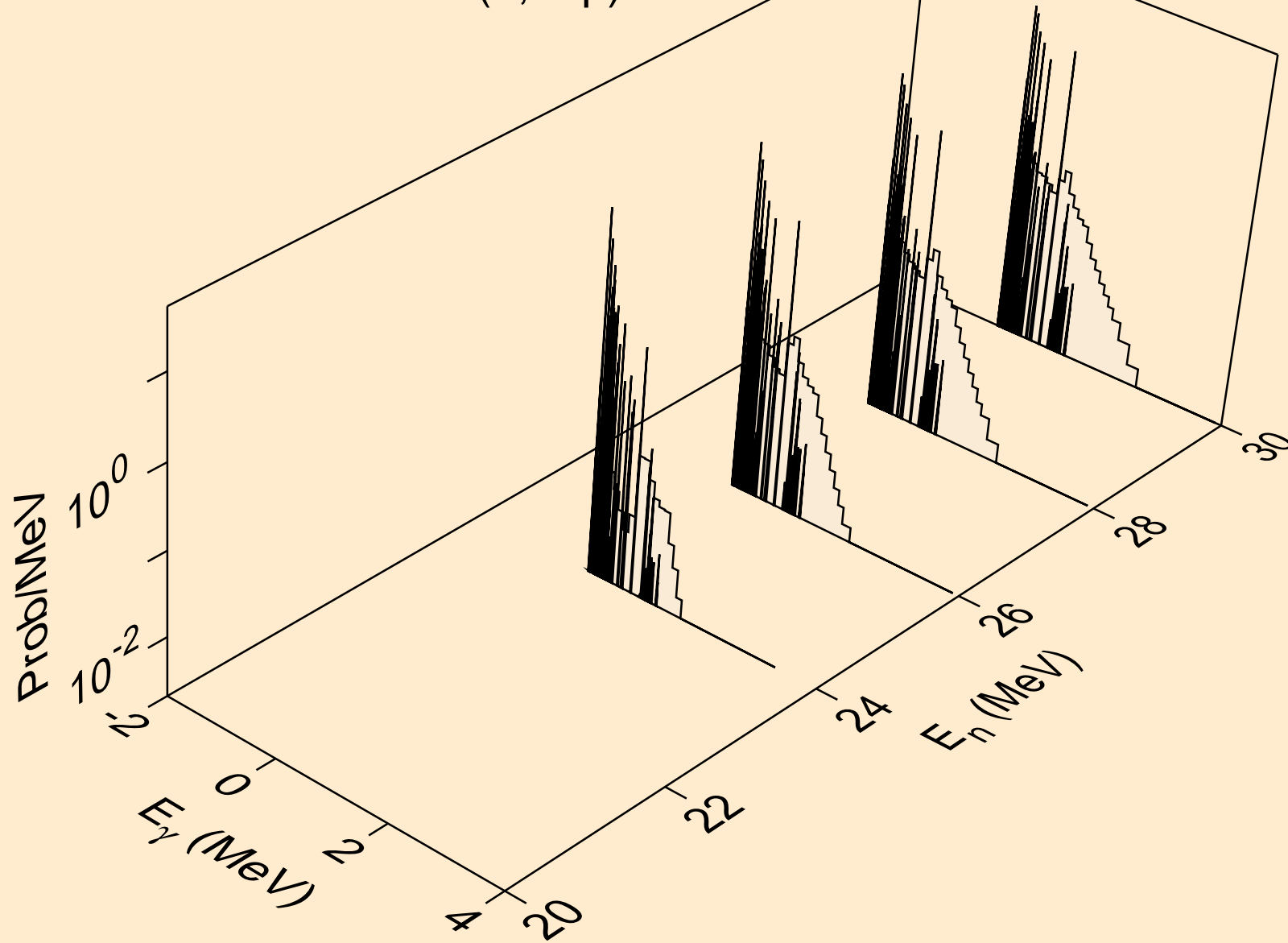
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



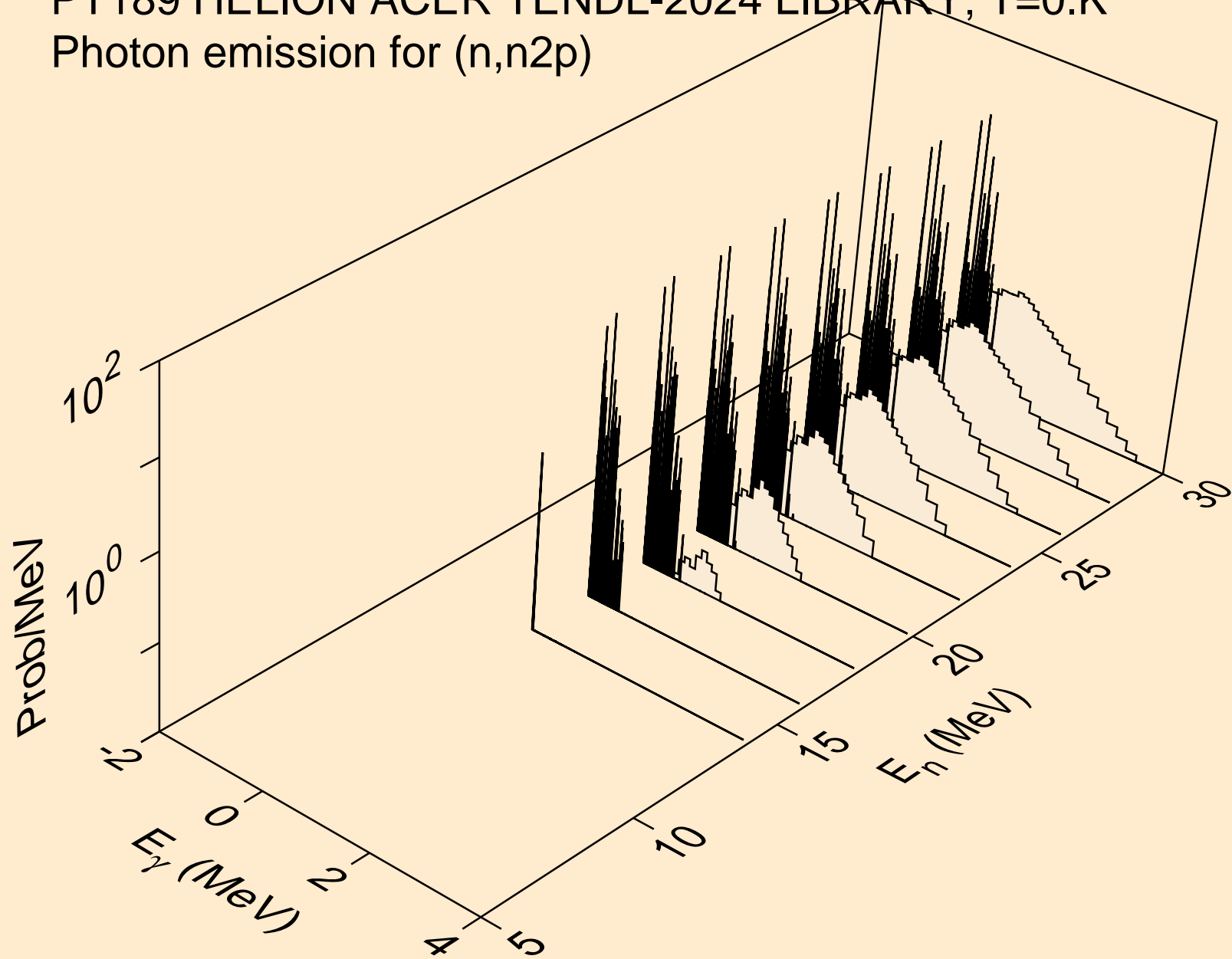
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



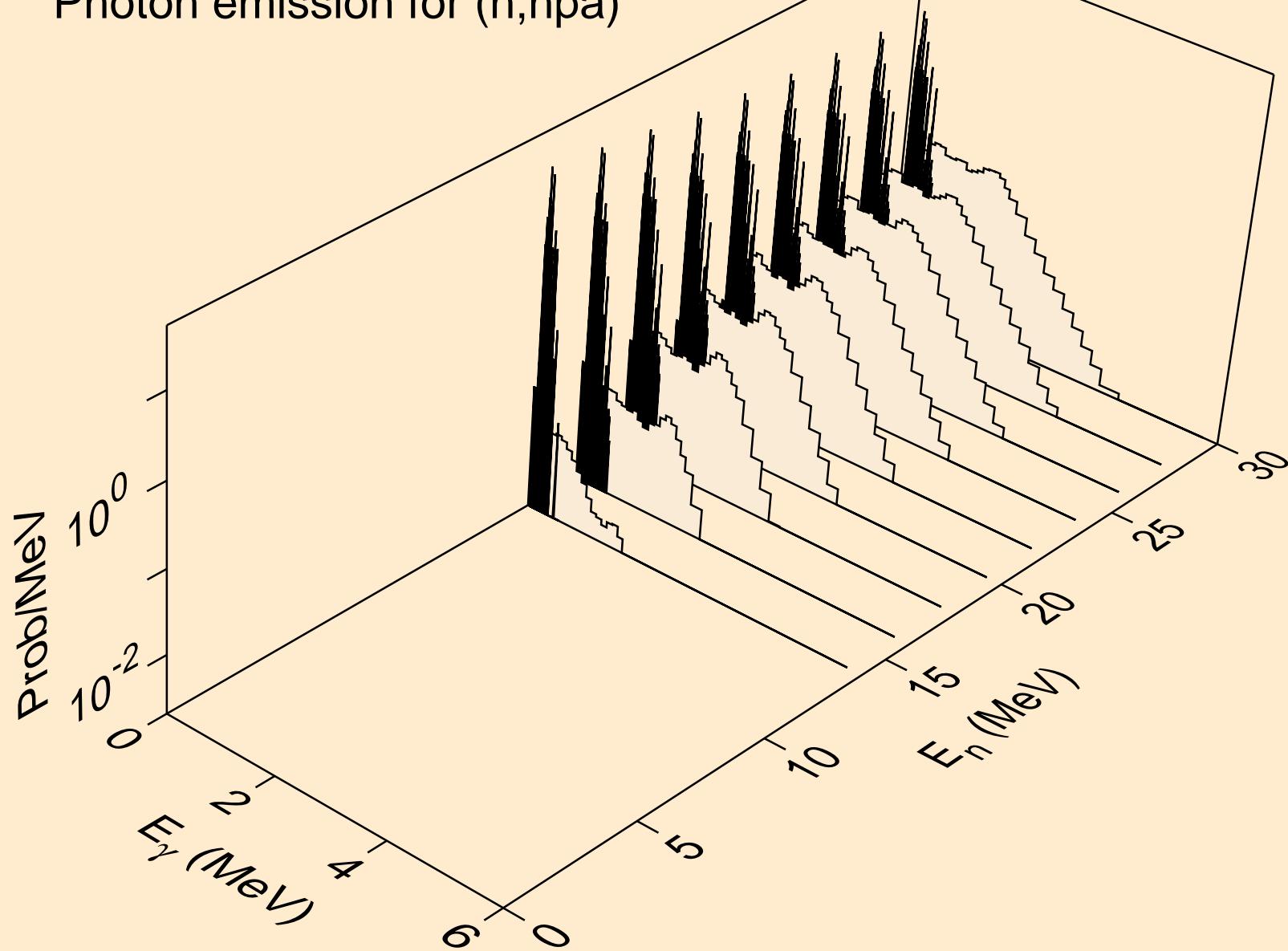
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



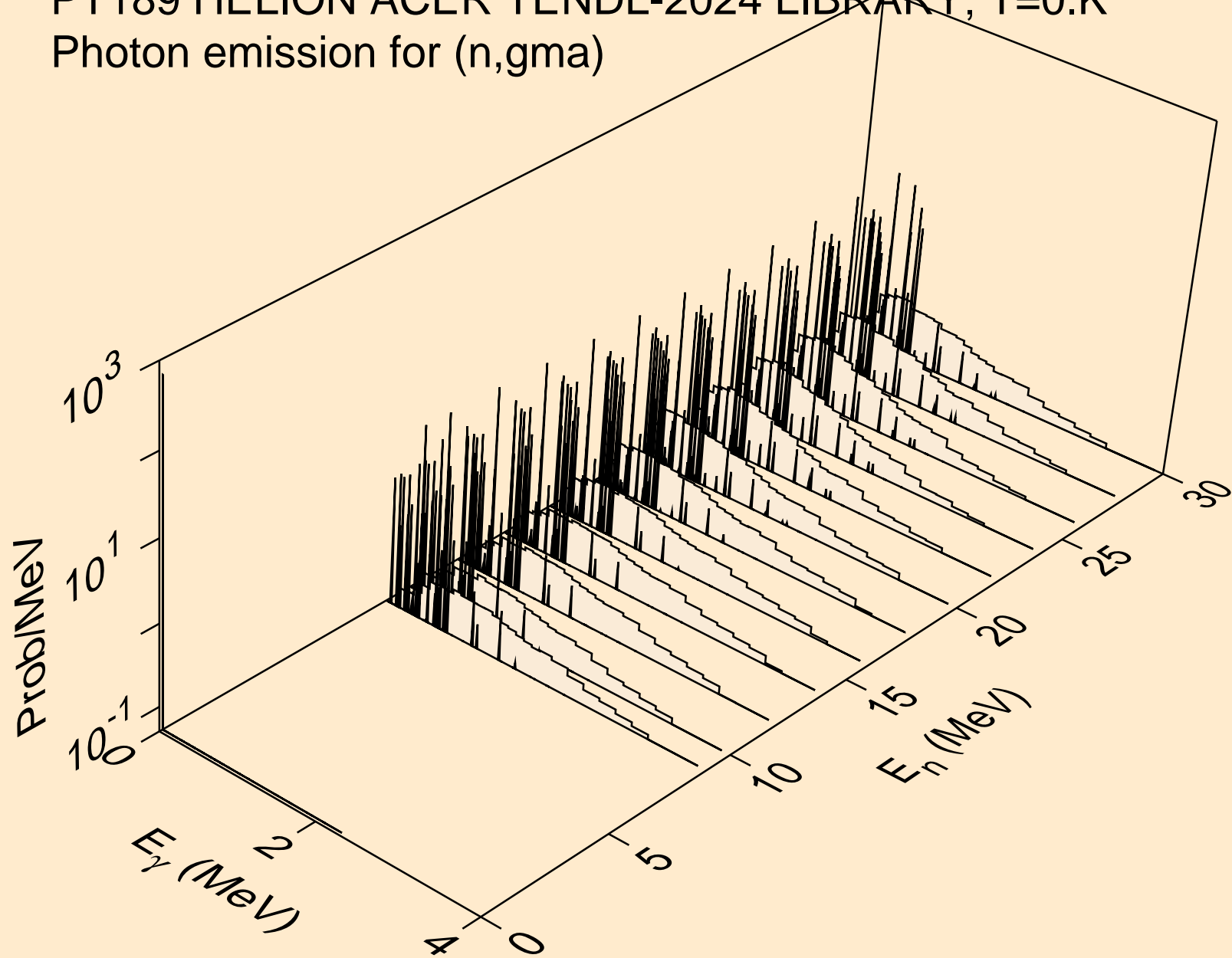
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



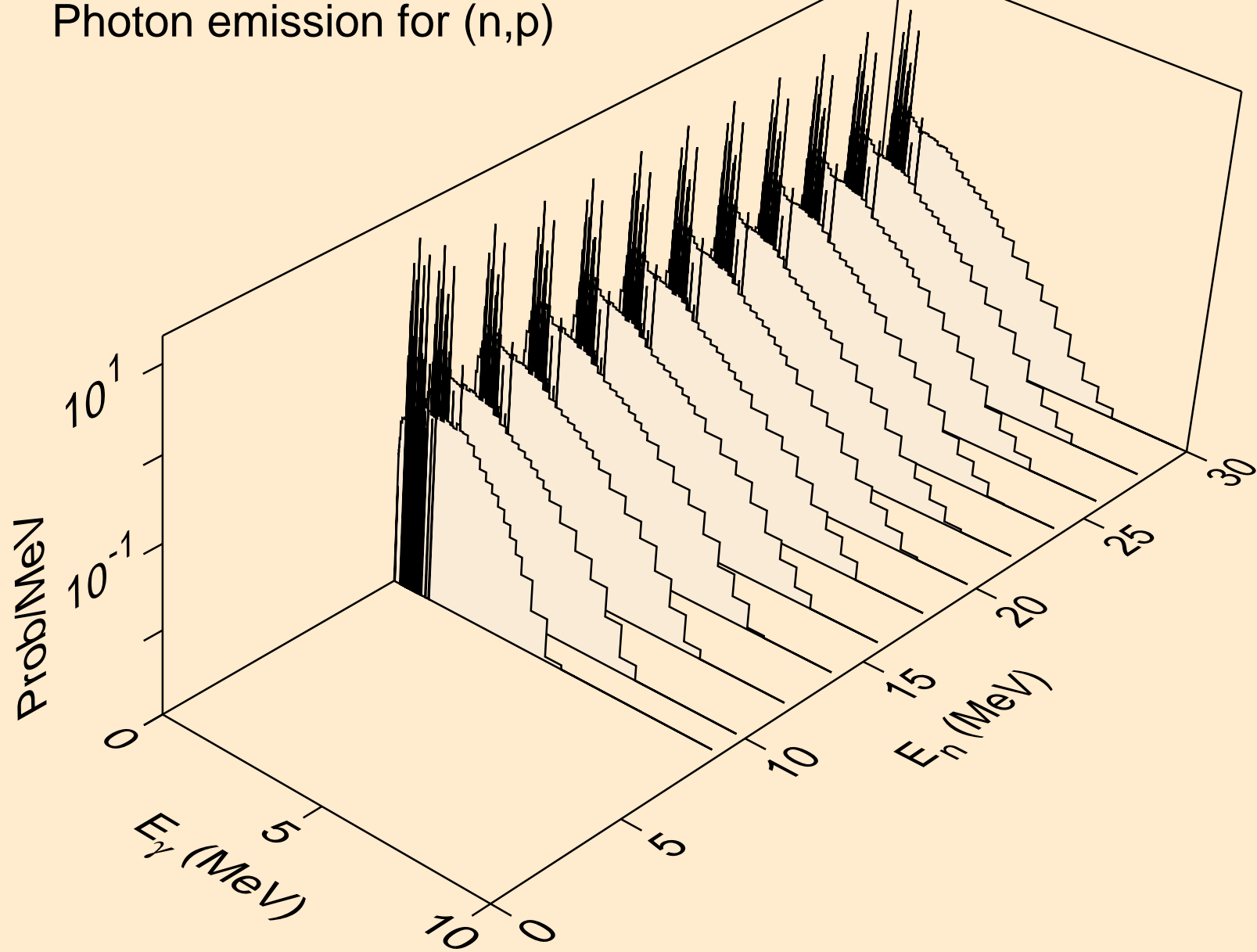
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



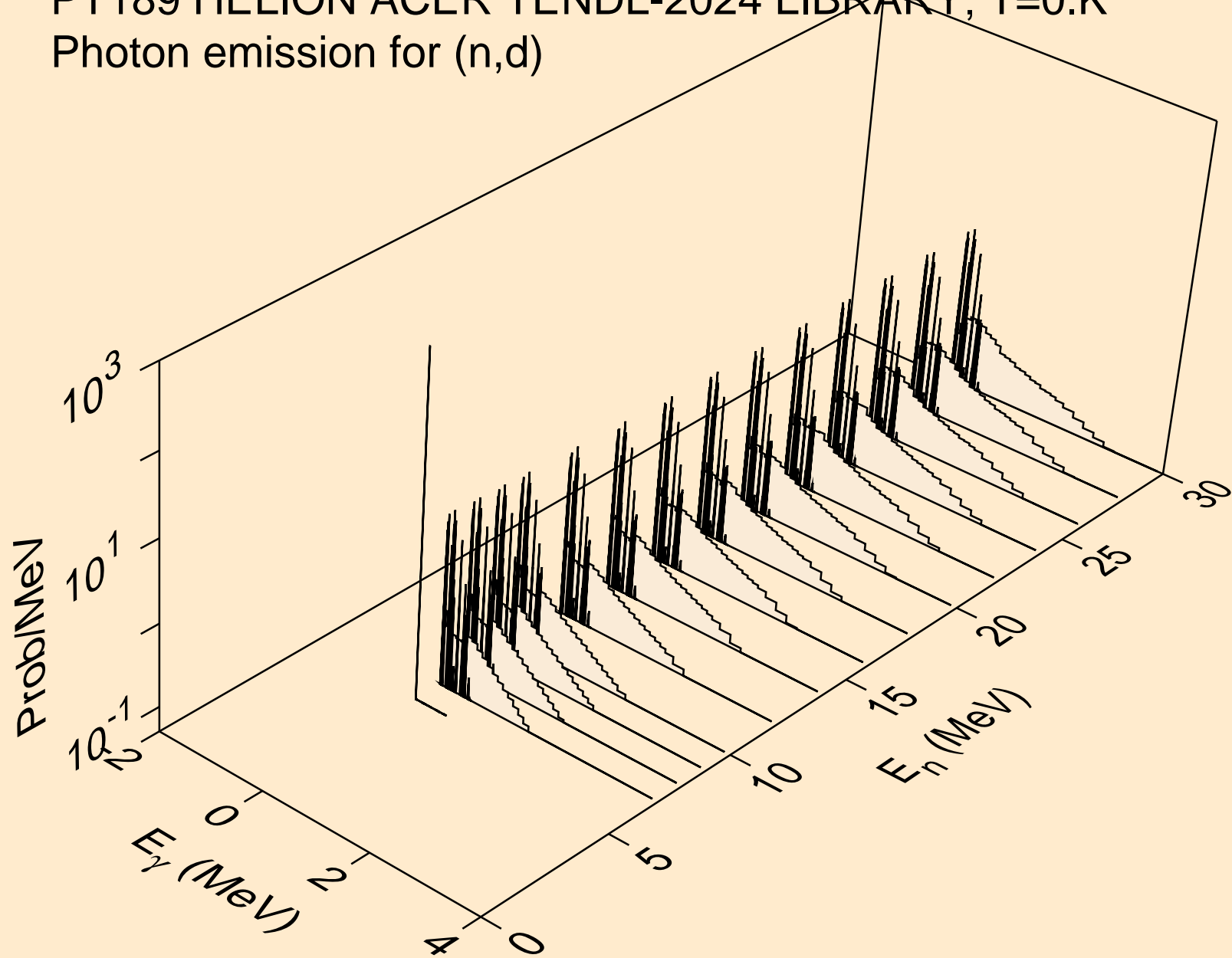
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



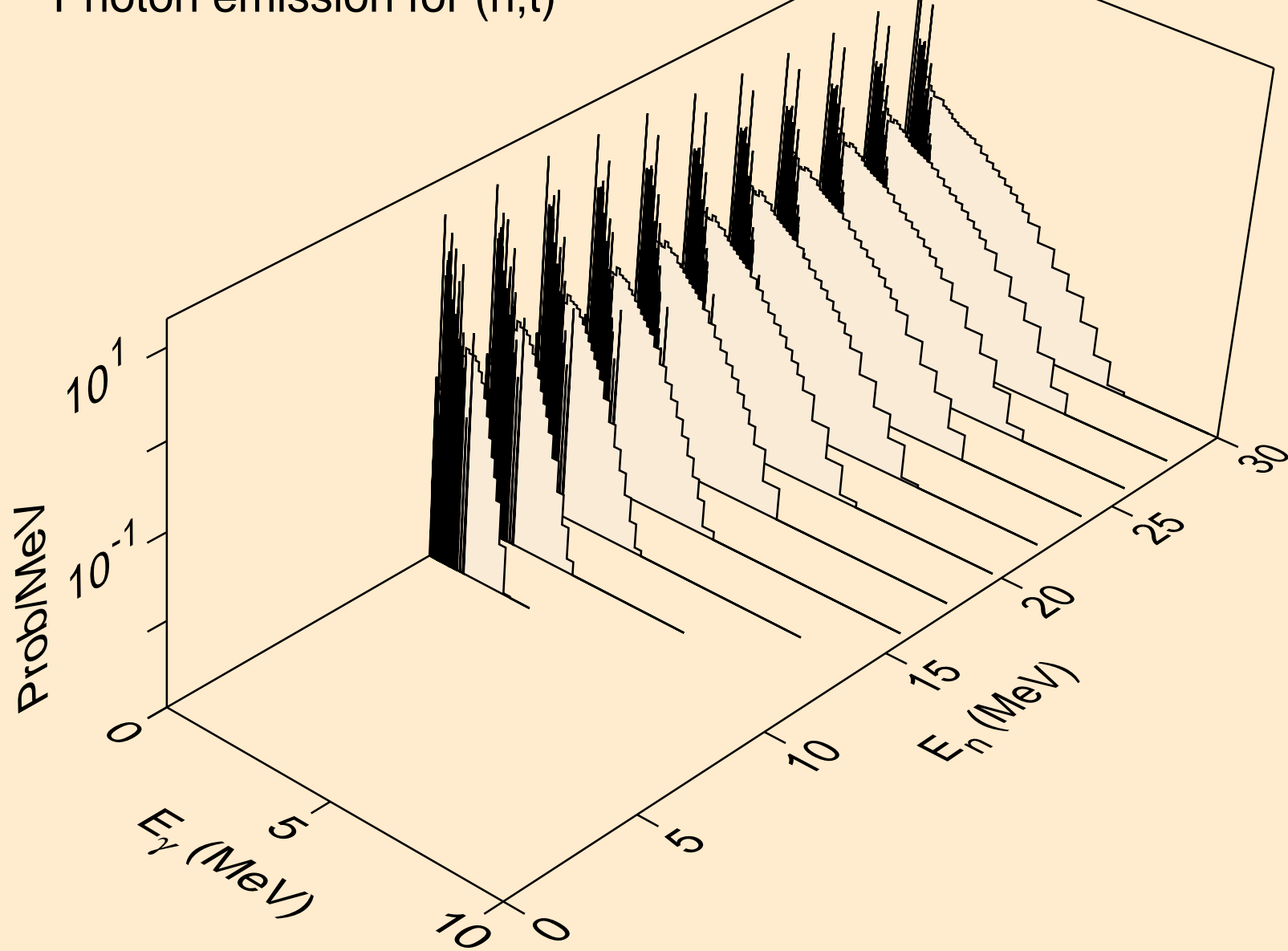
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



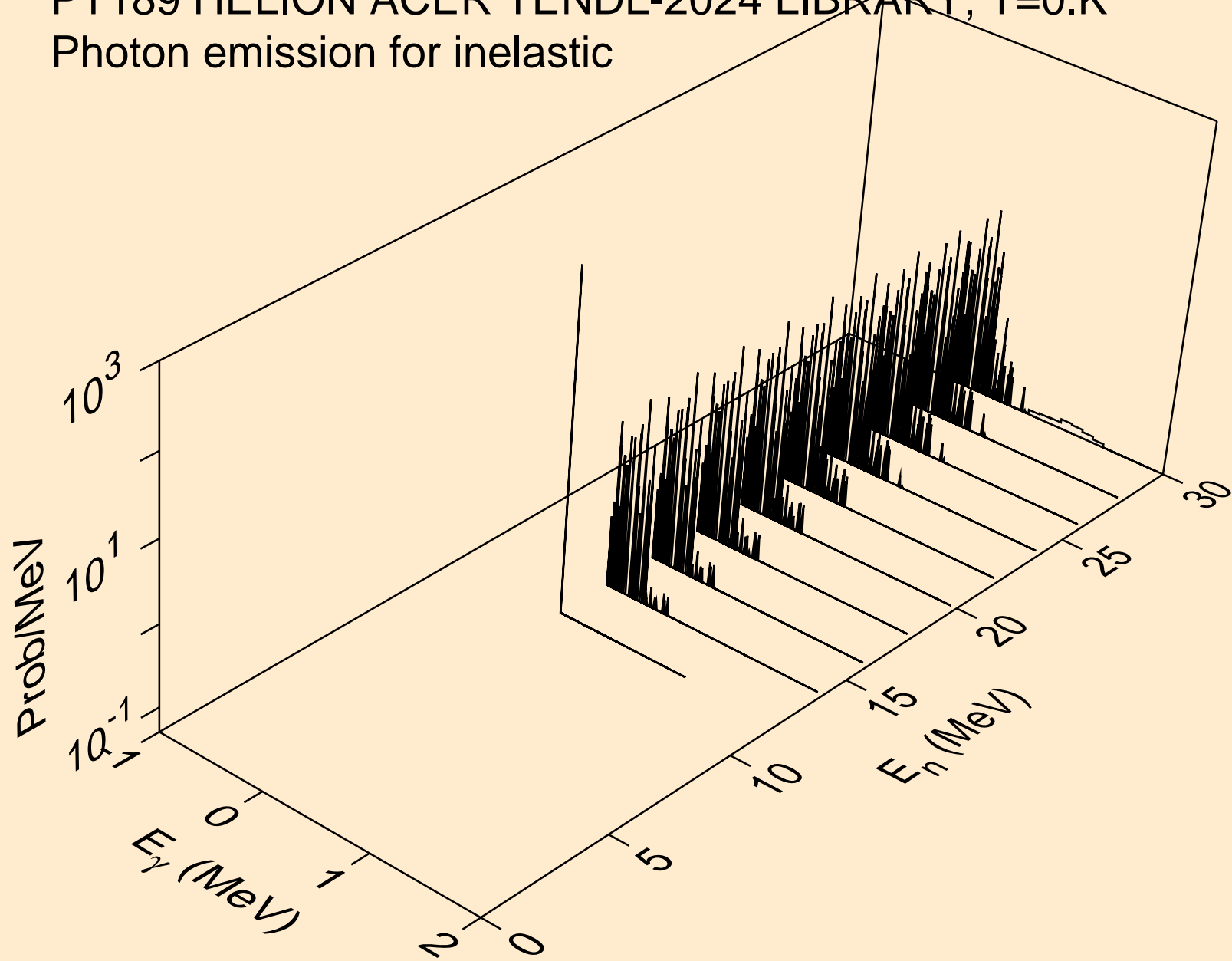
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



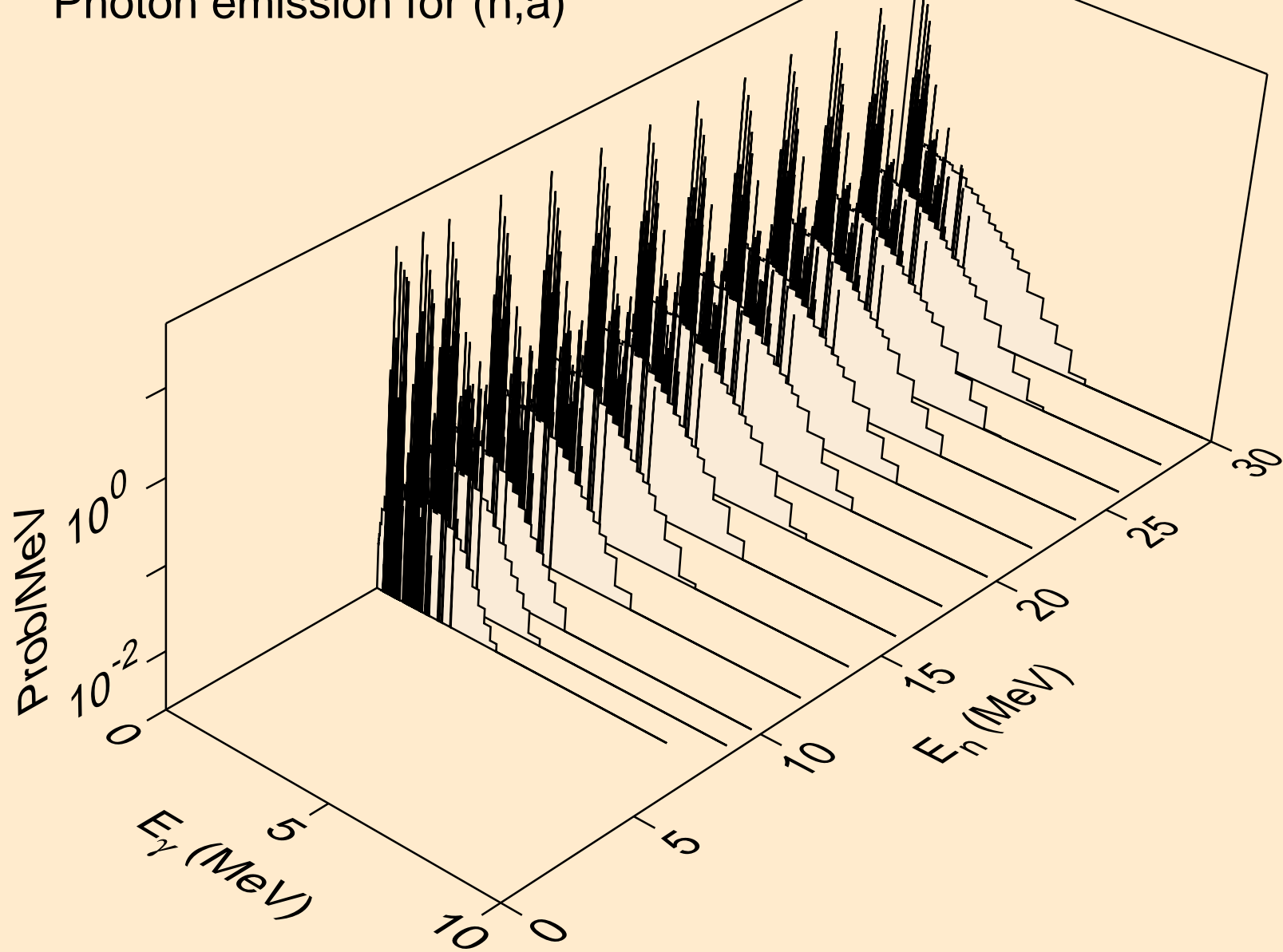
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



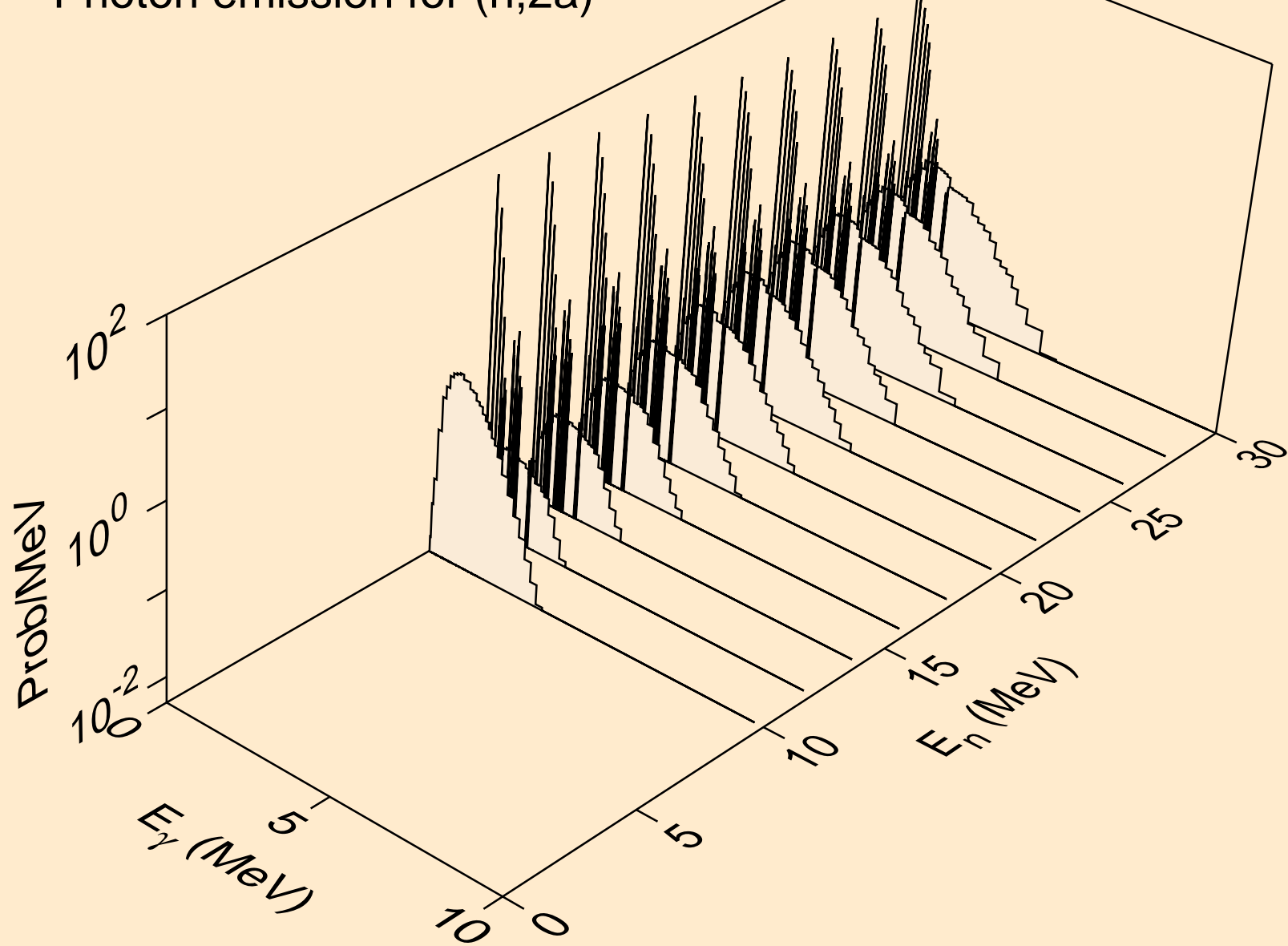
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



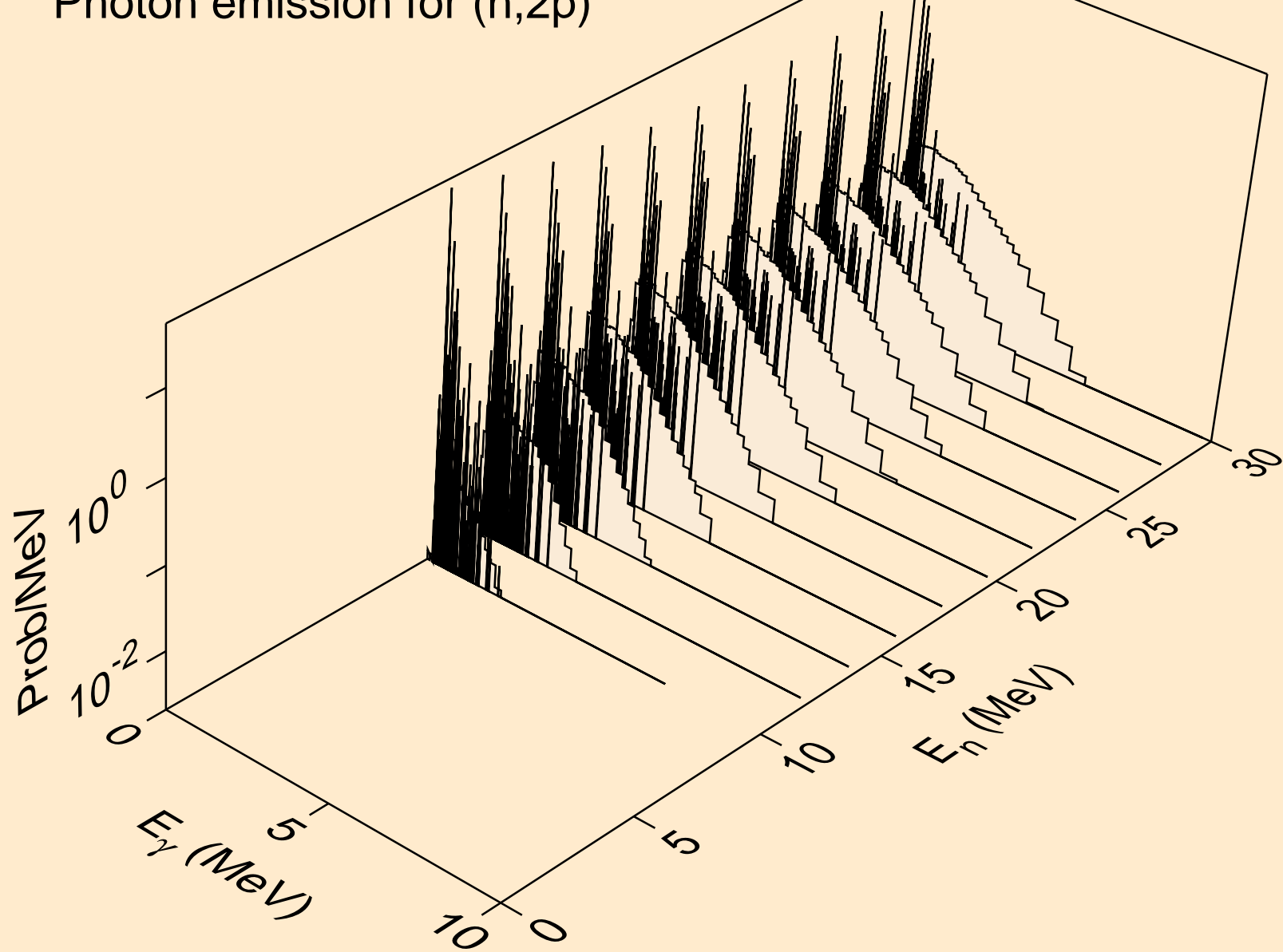
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



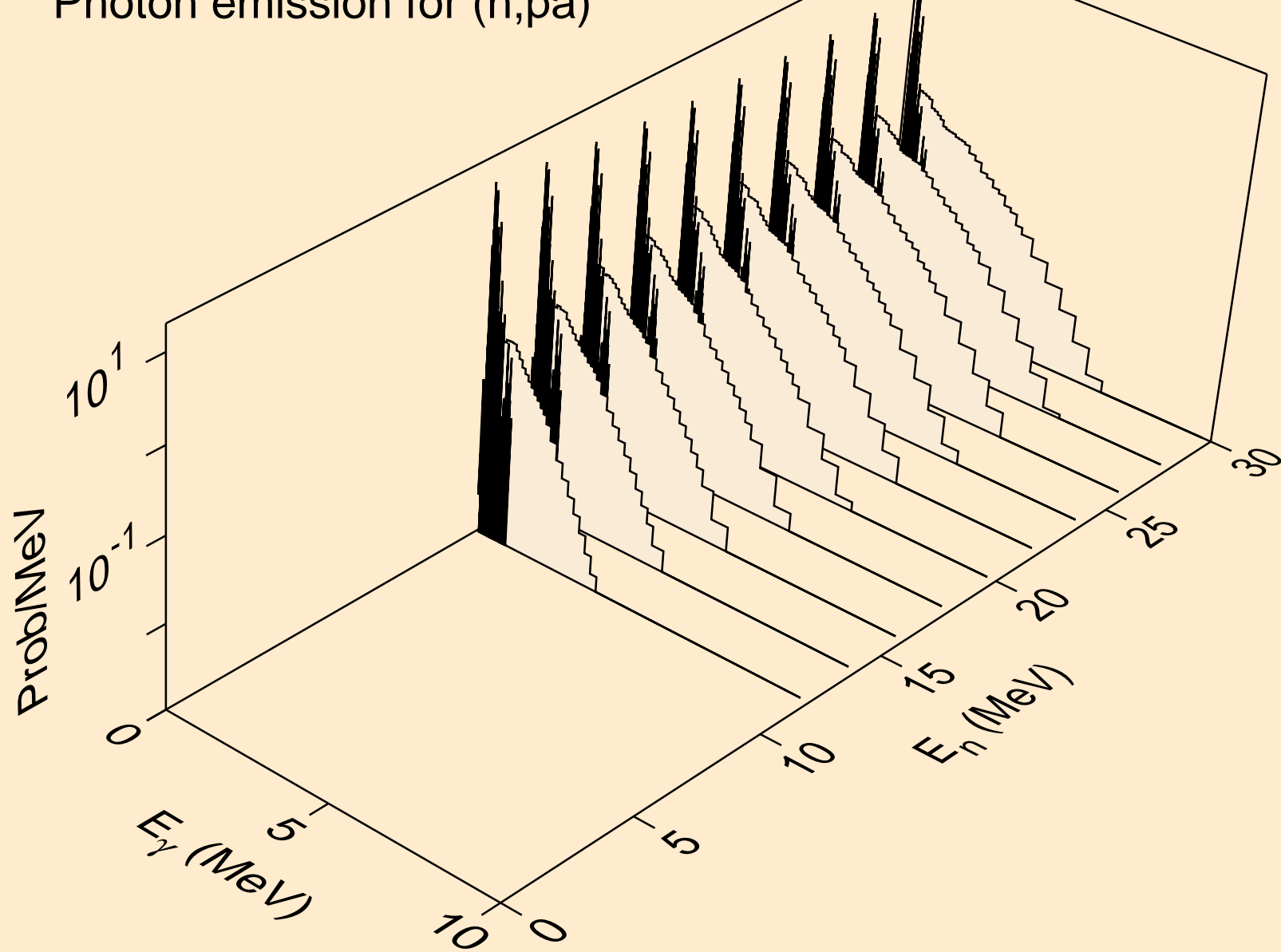
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



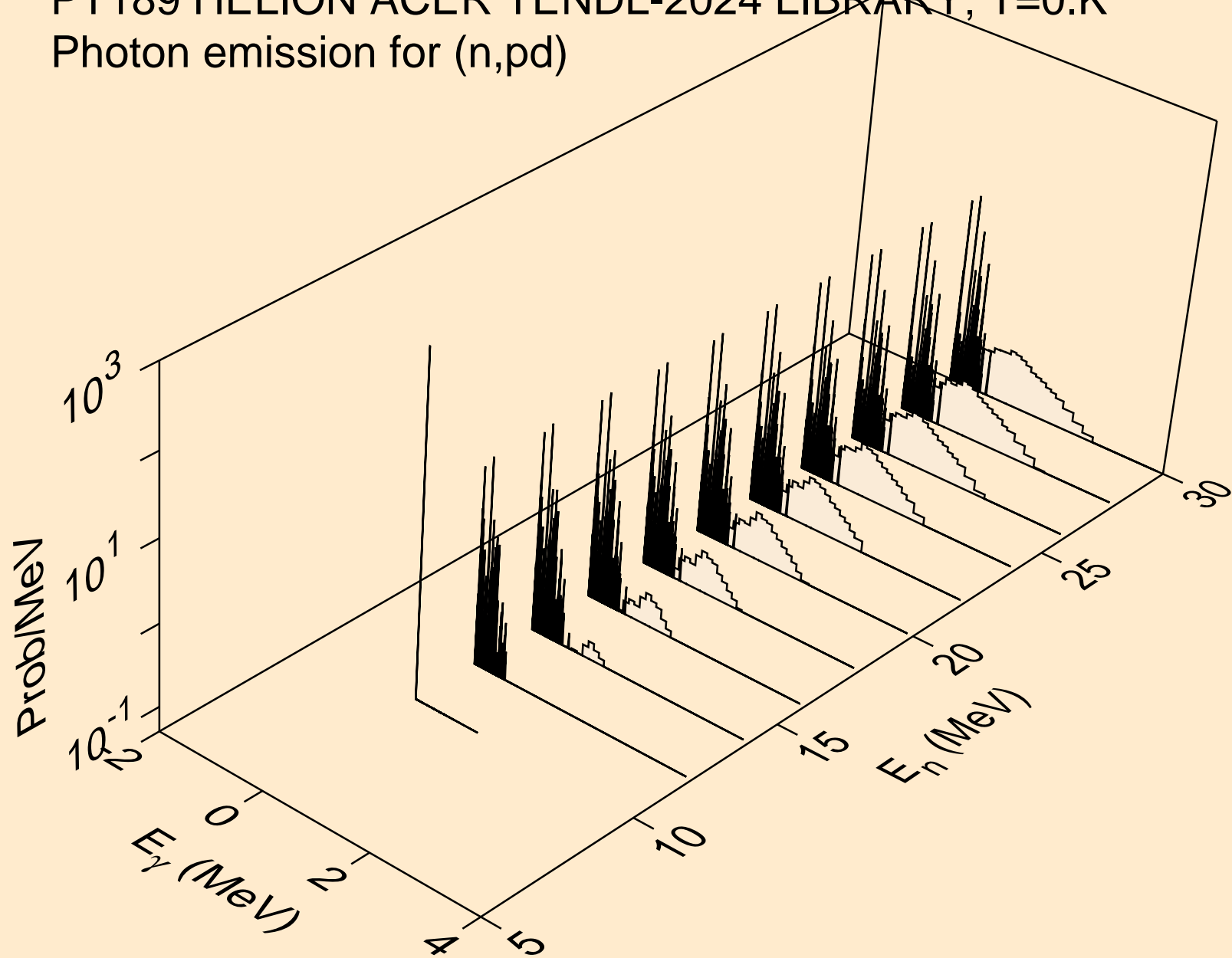
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Photon emission for (n,2p)



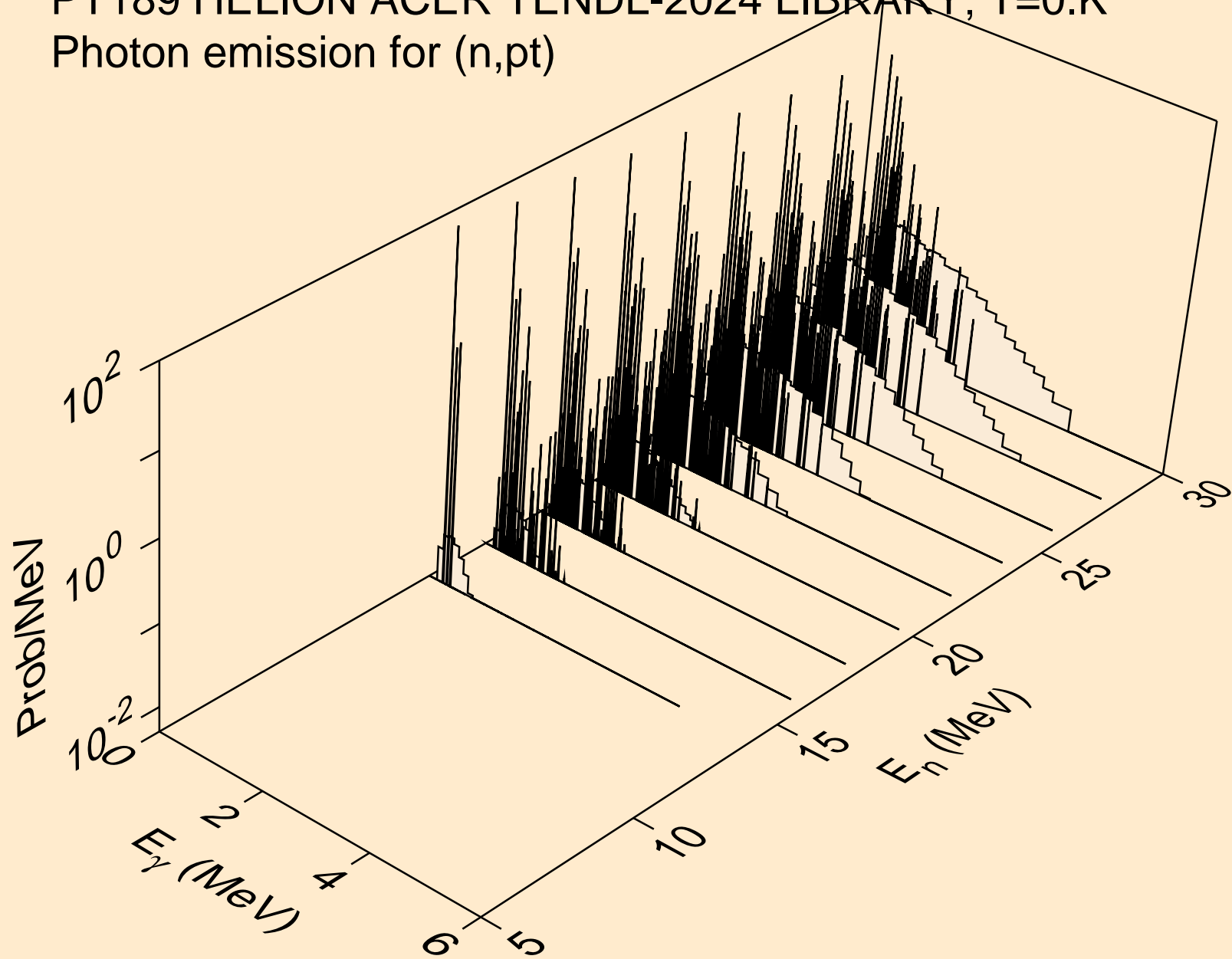
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)



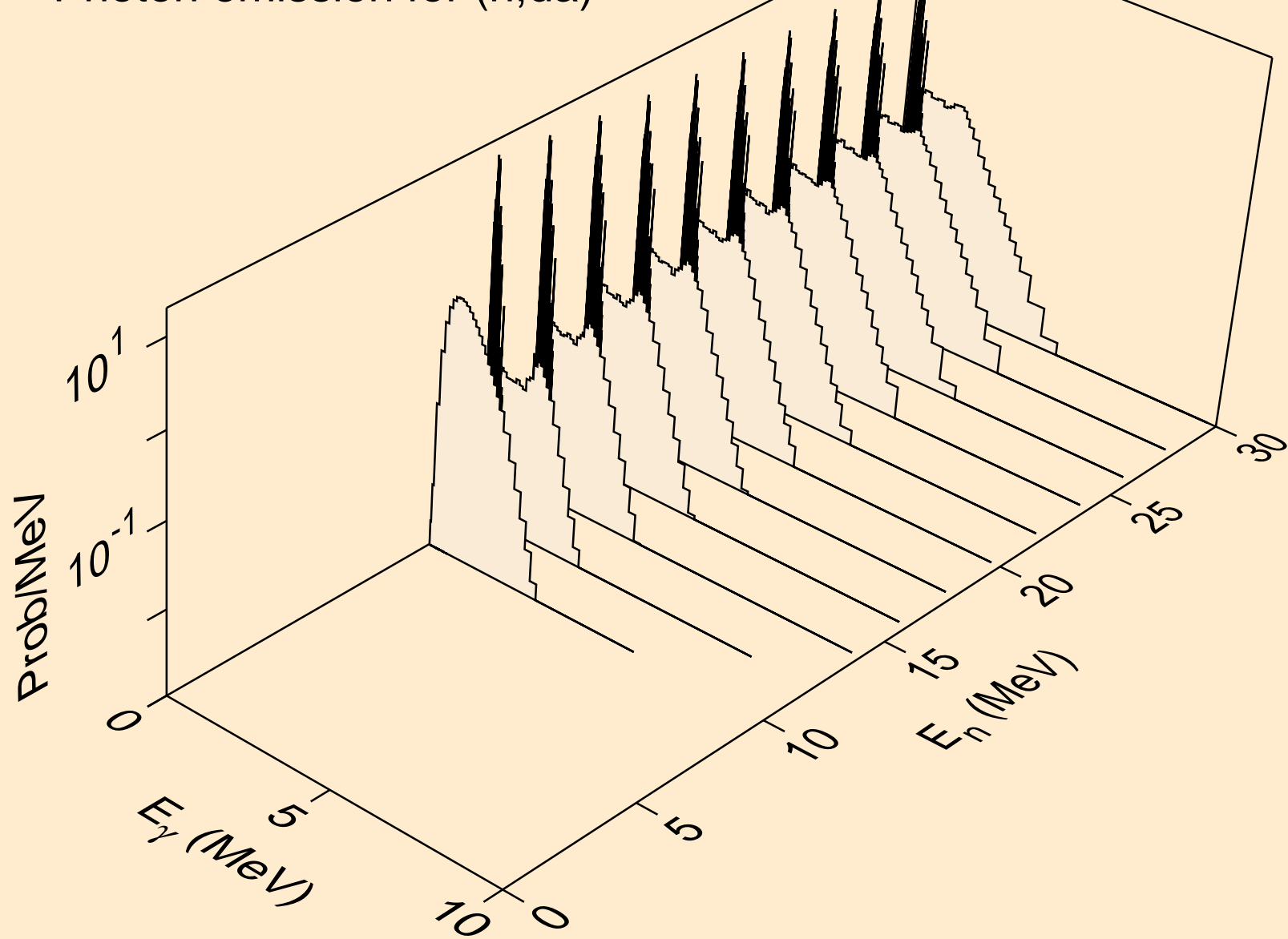
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



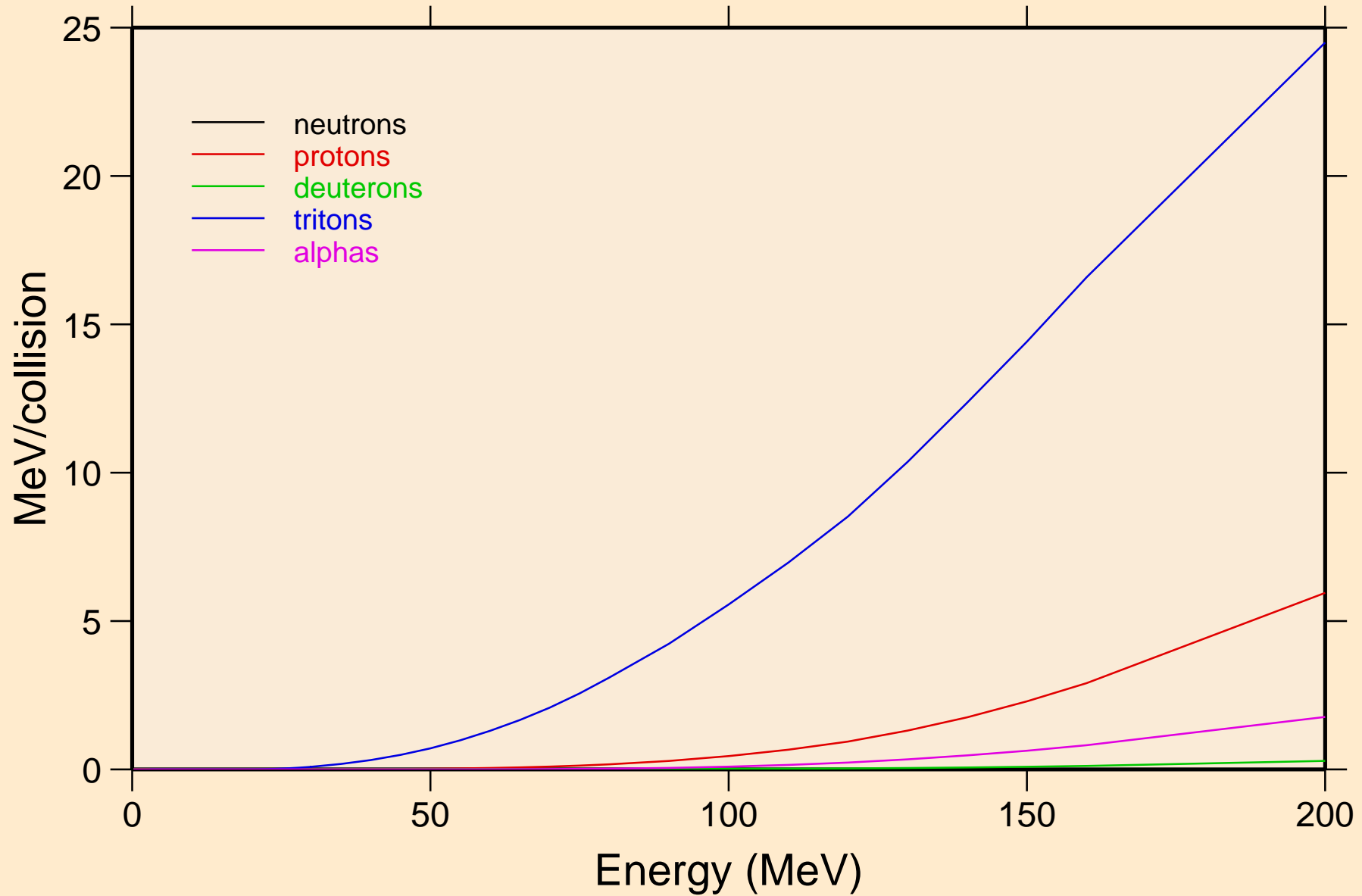
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



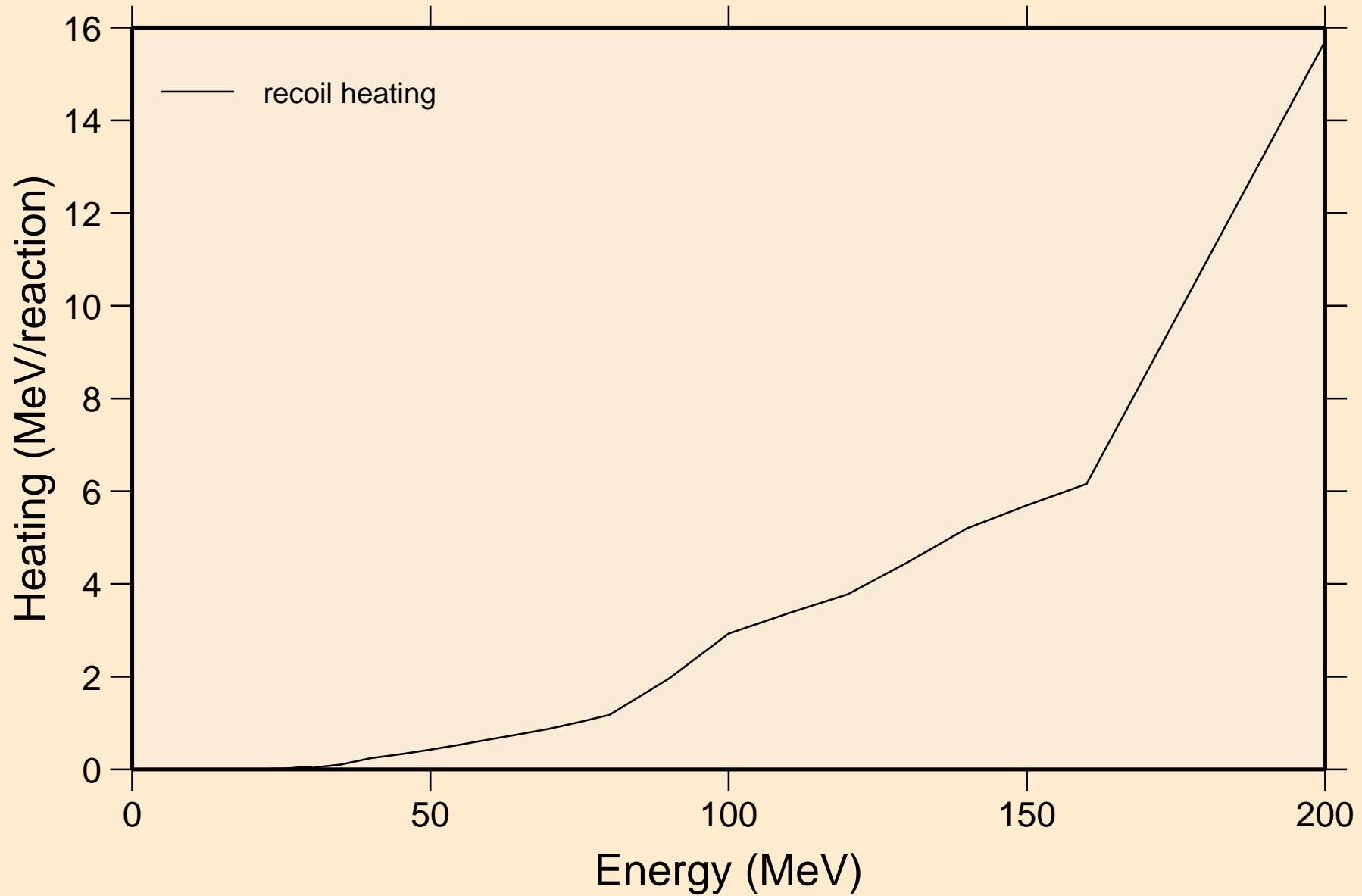
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



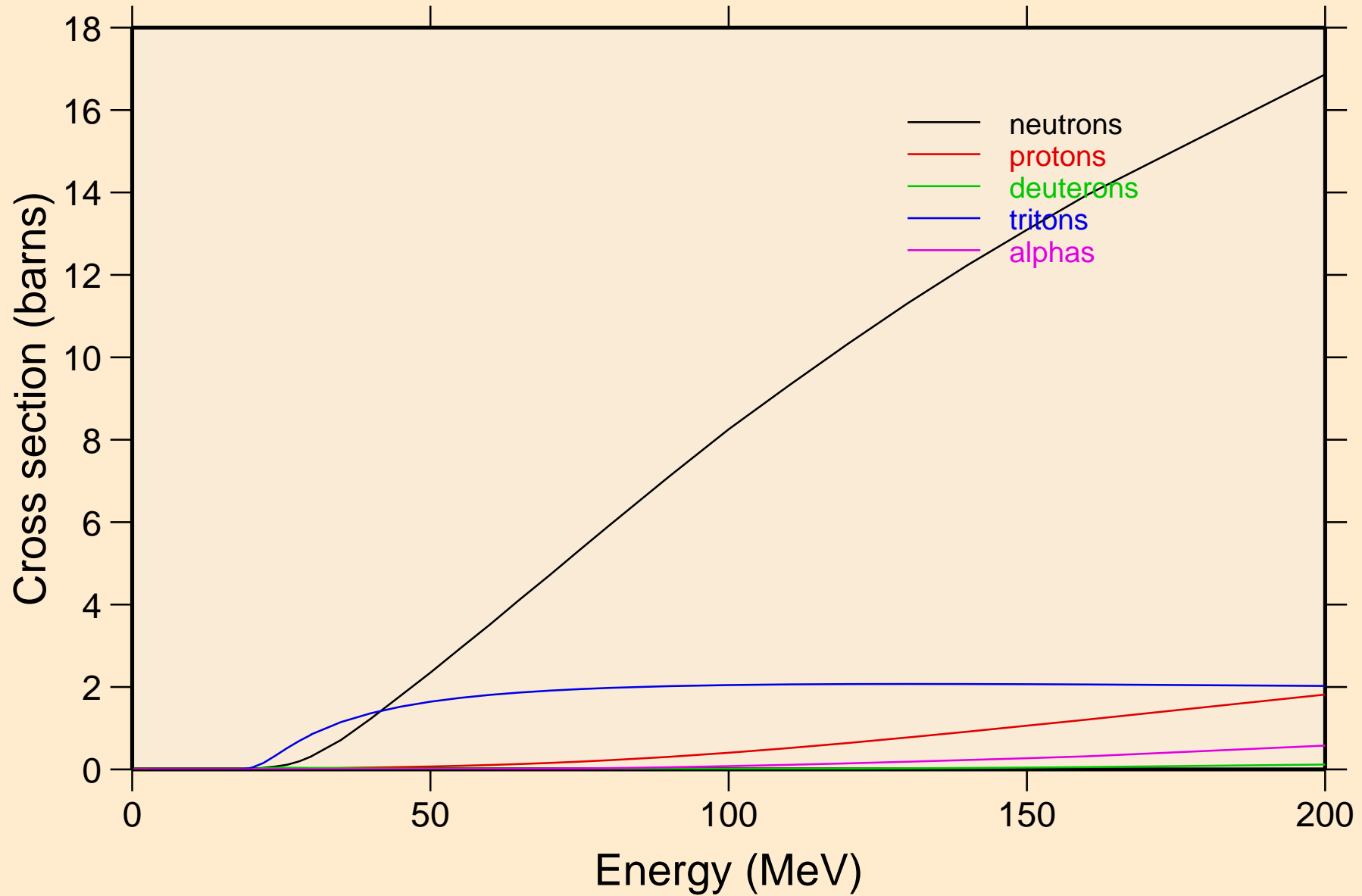
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions



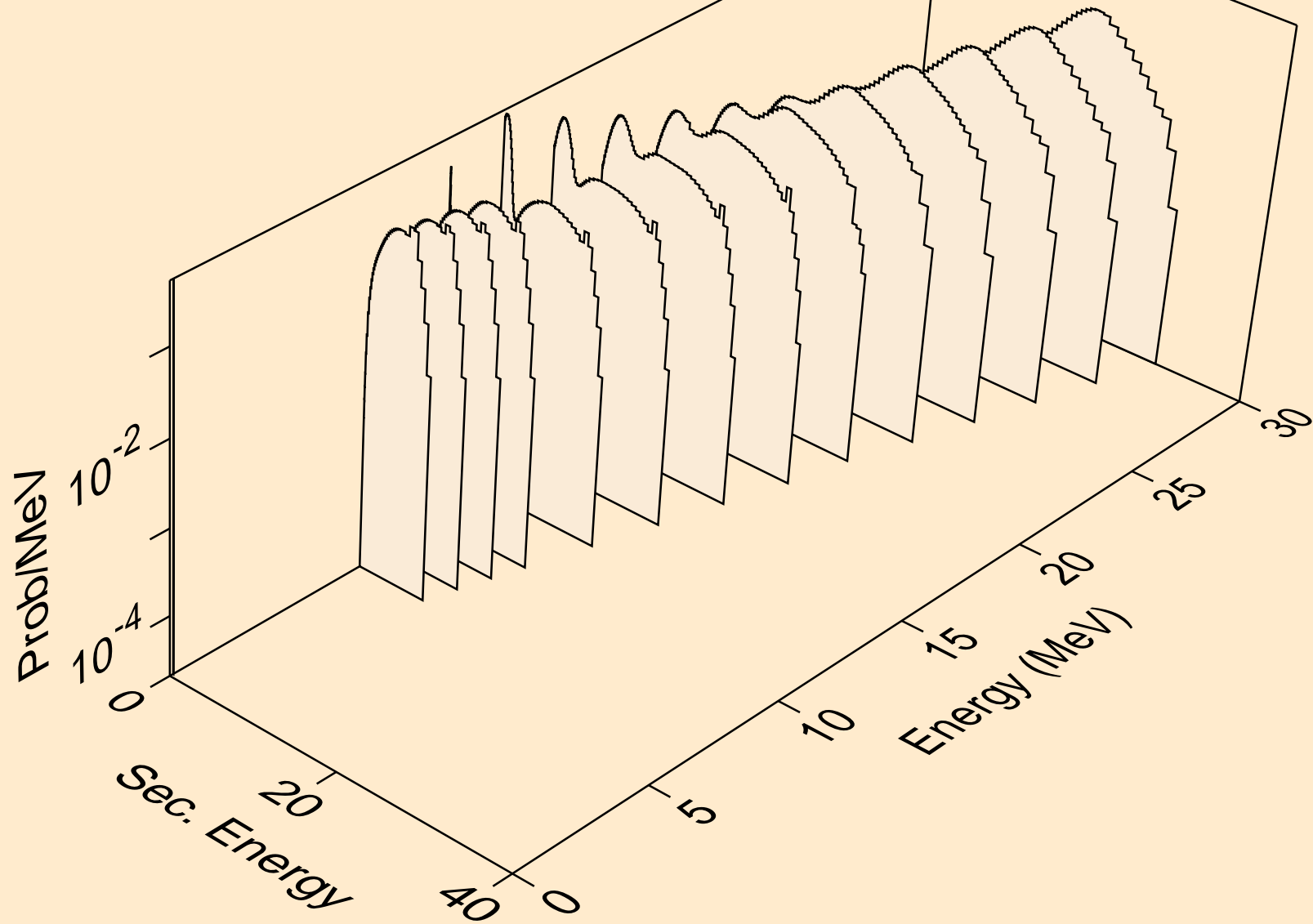
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating



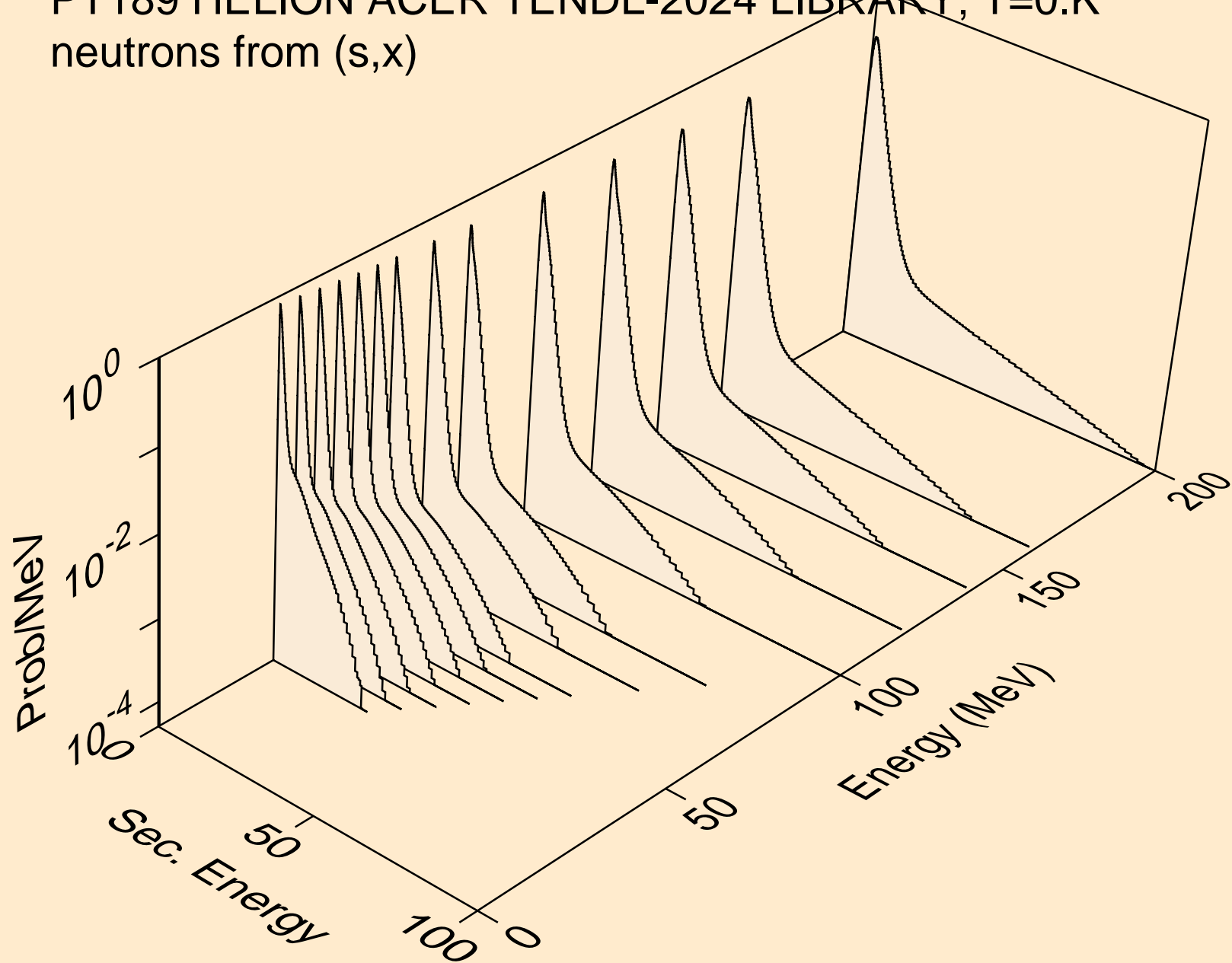
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



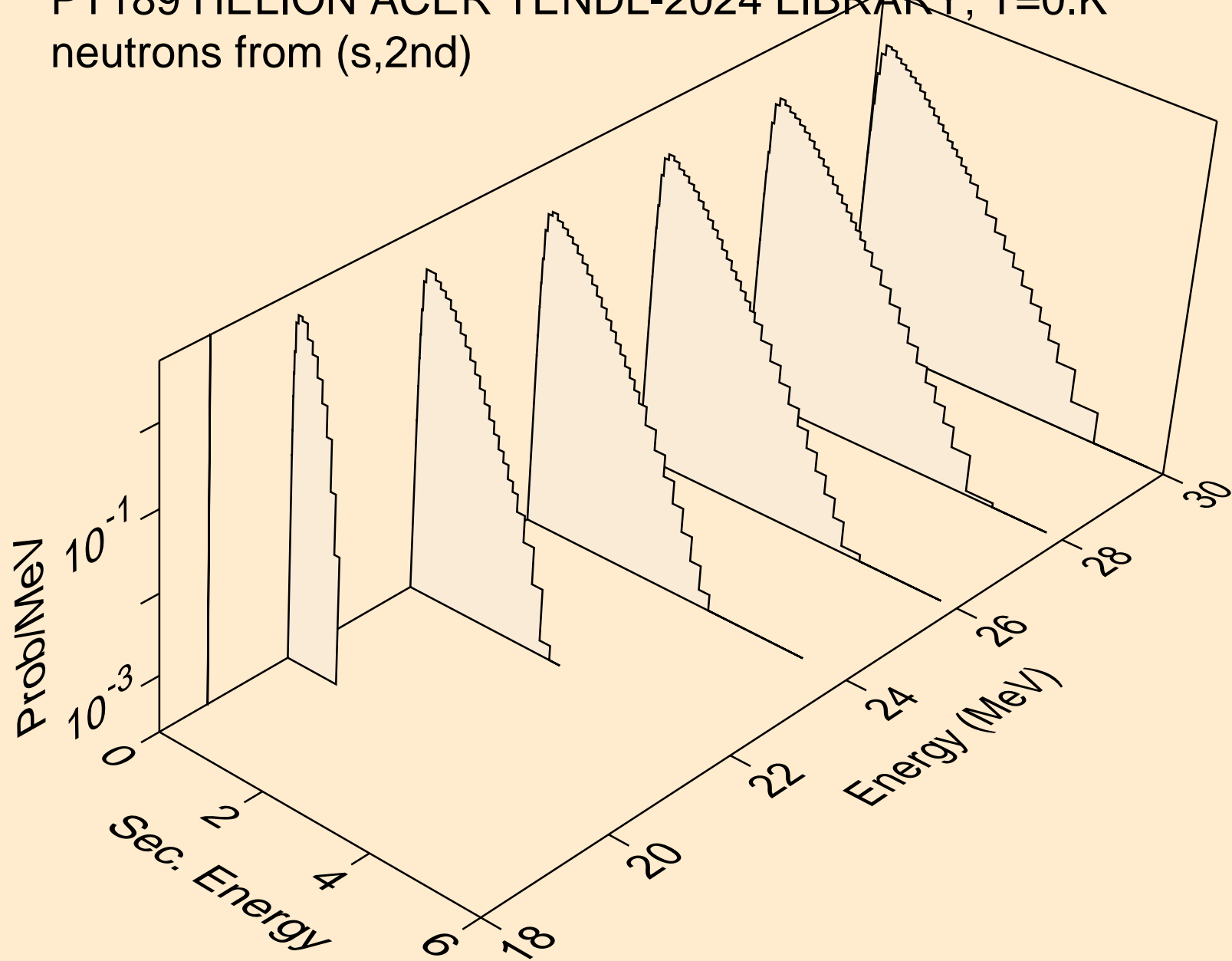
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n)



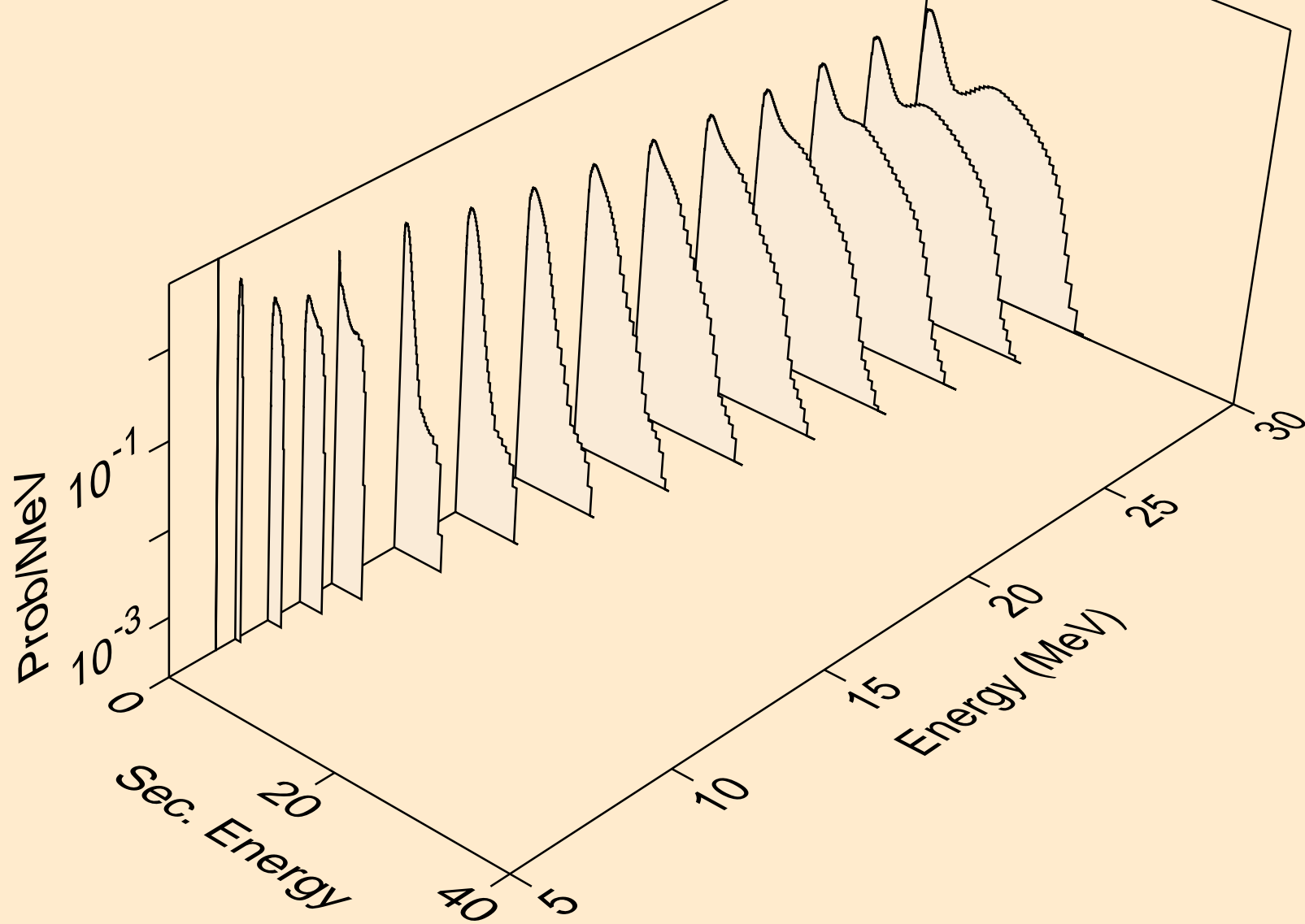
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,x)



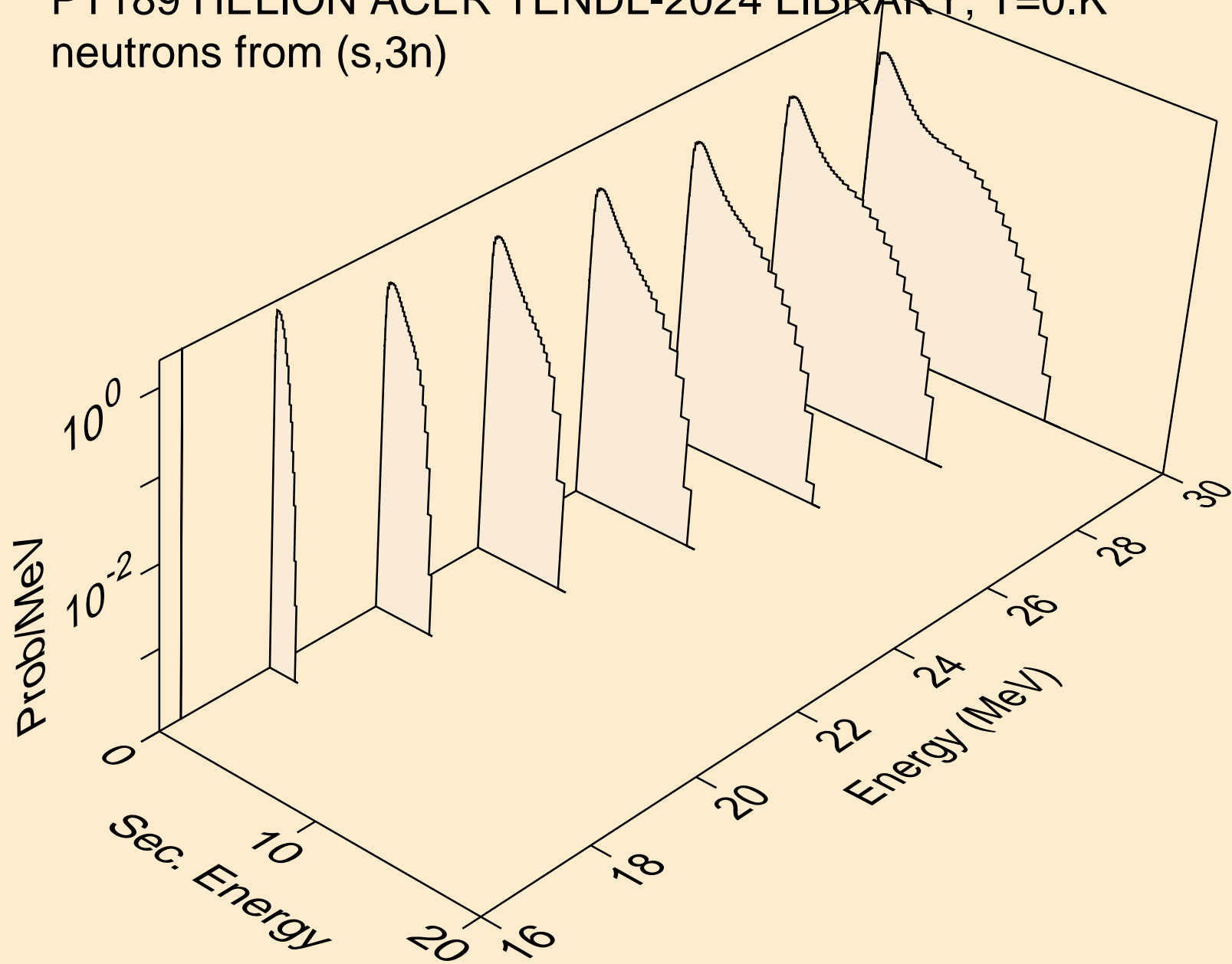
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neutrons from (s,2nd)



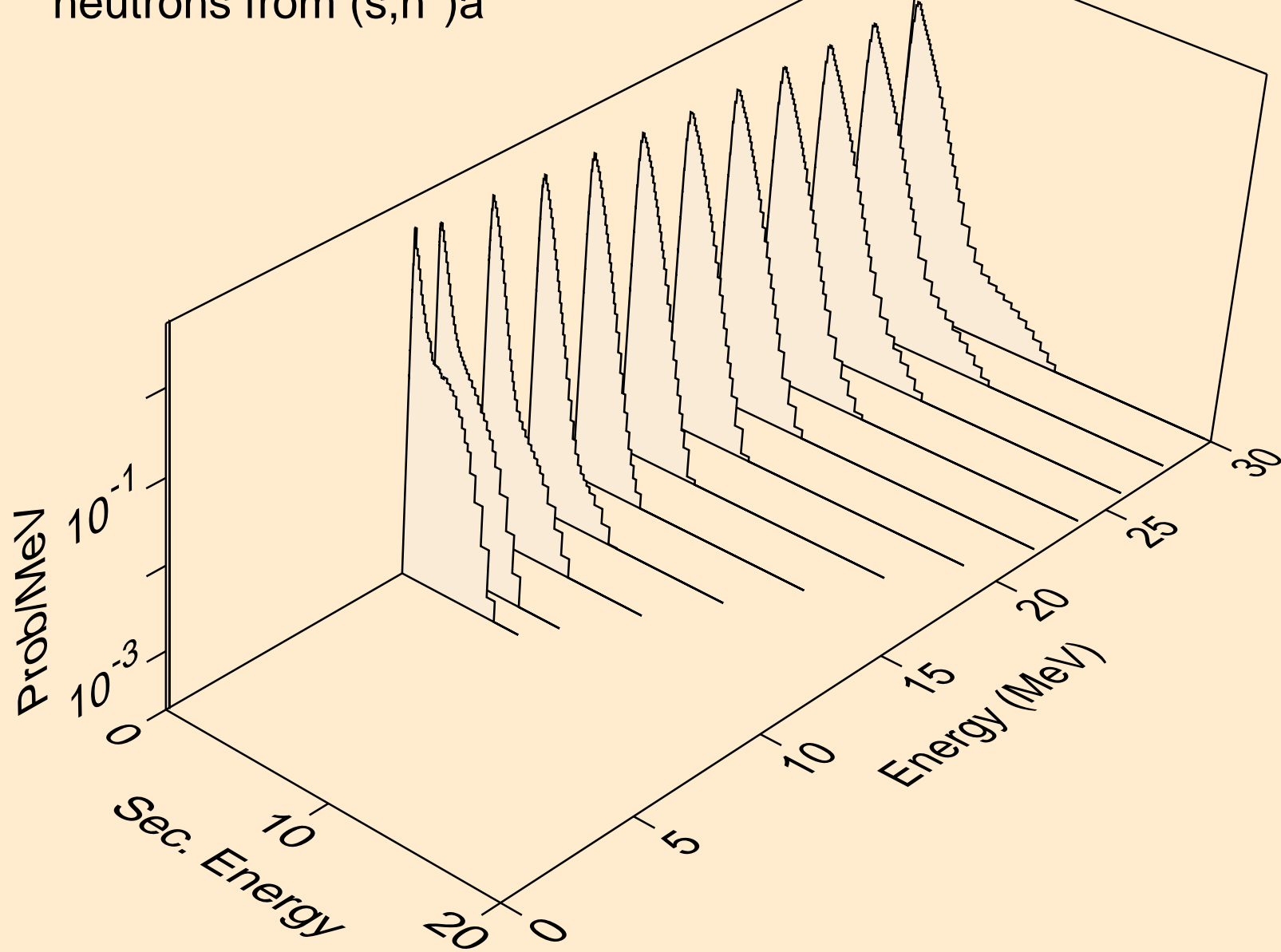
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neutrons from (s,2n)



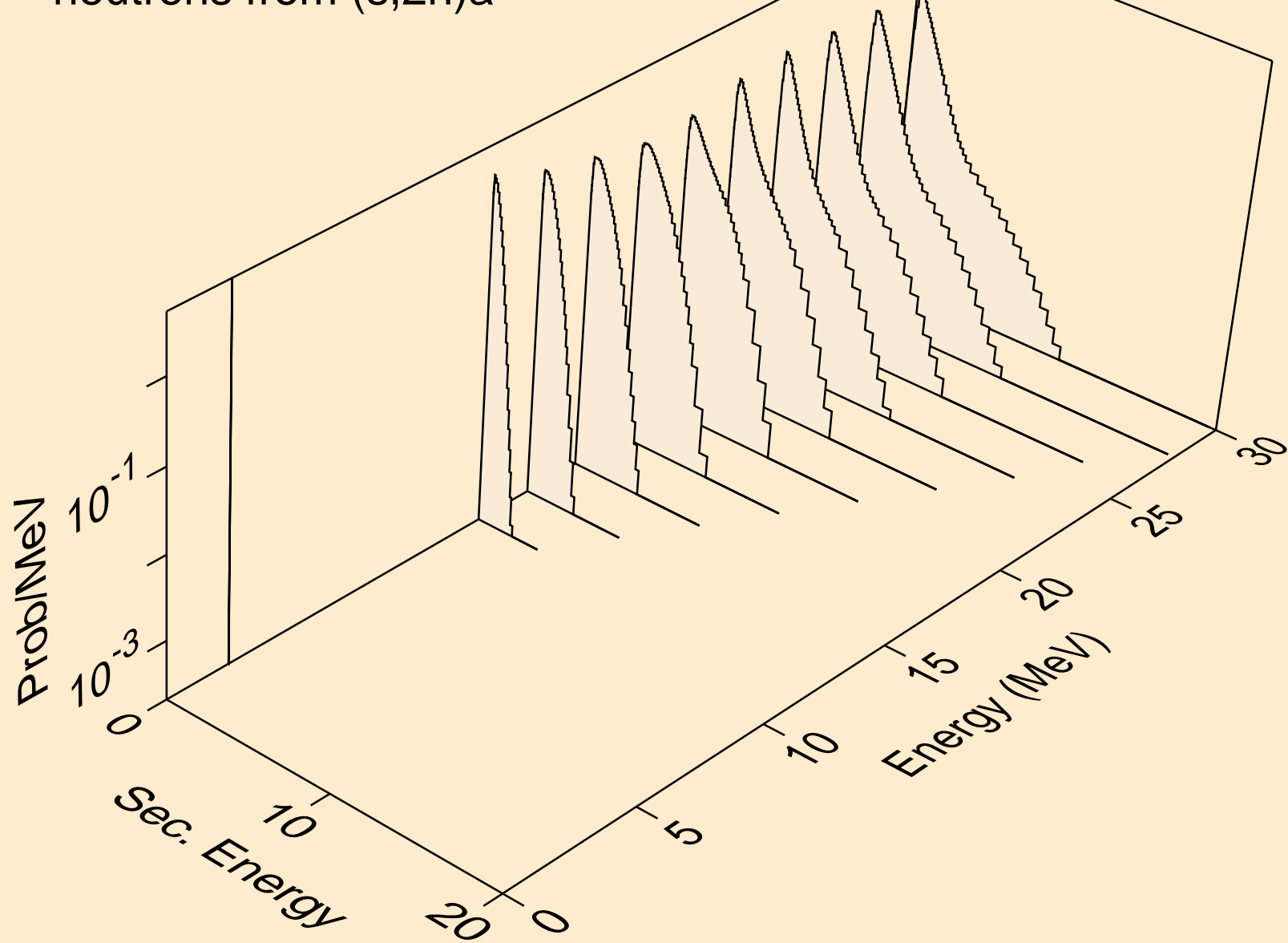
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)



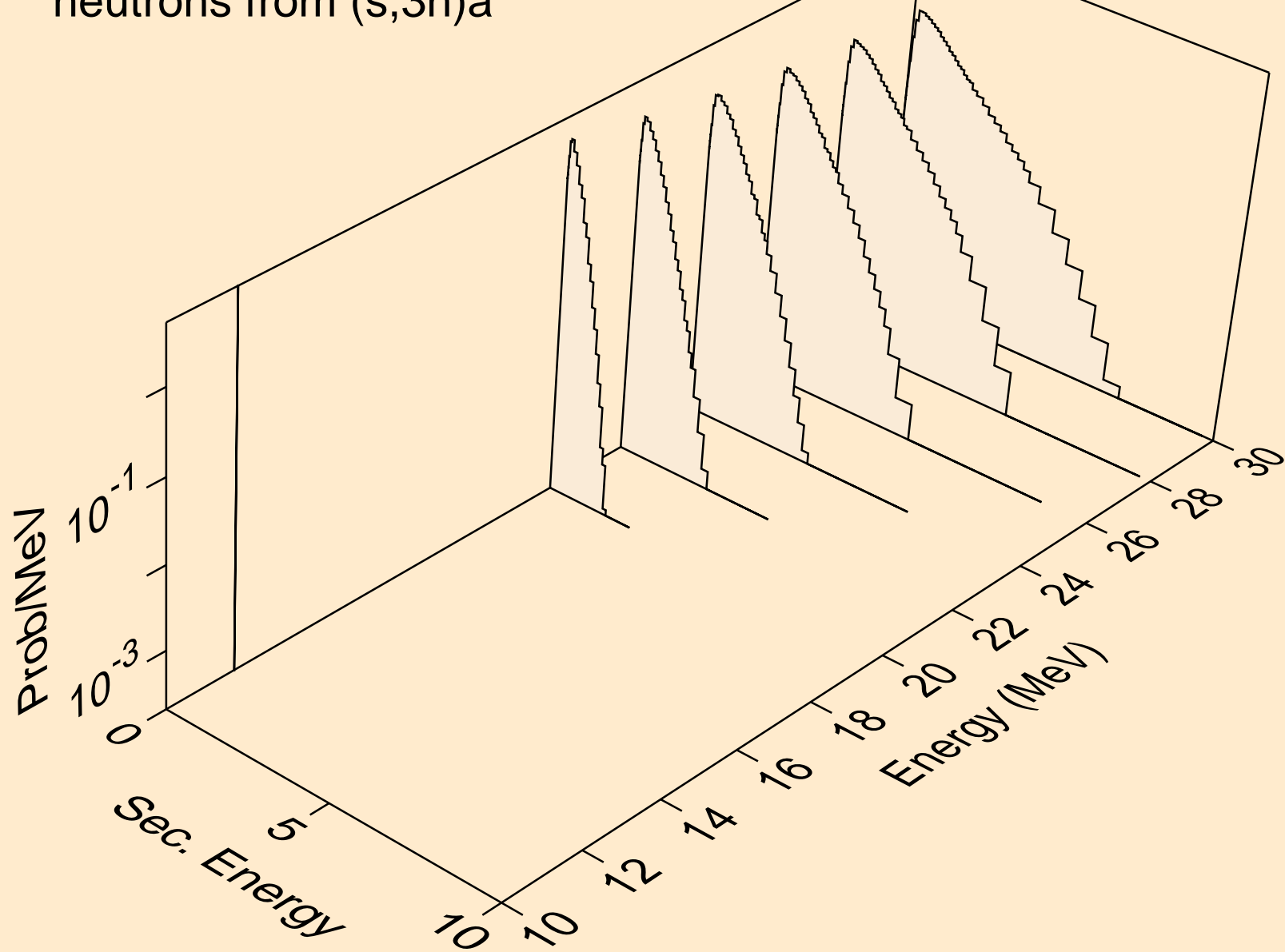
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)a



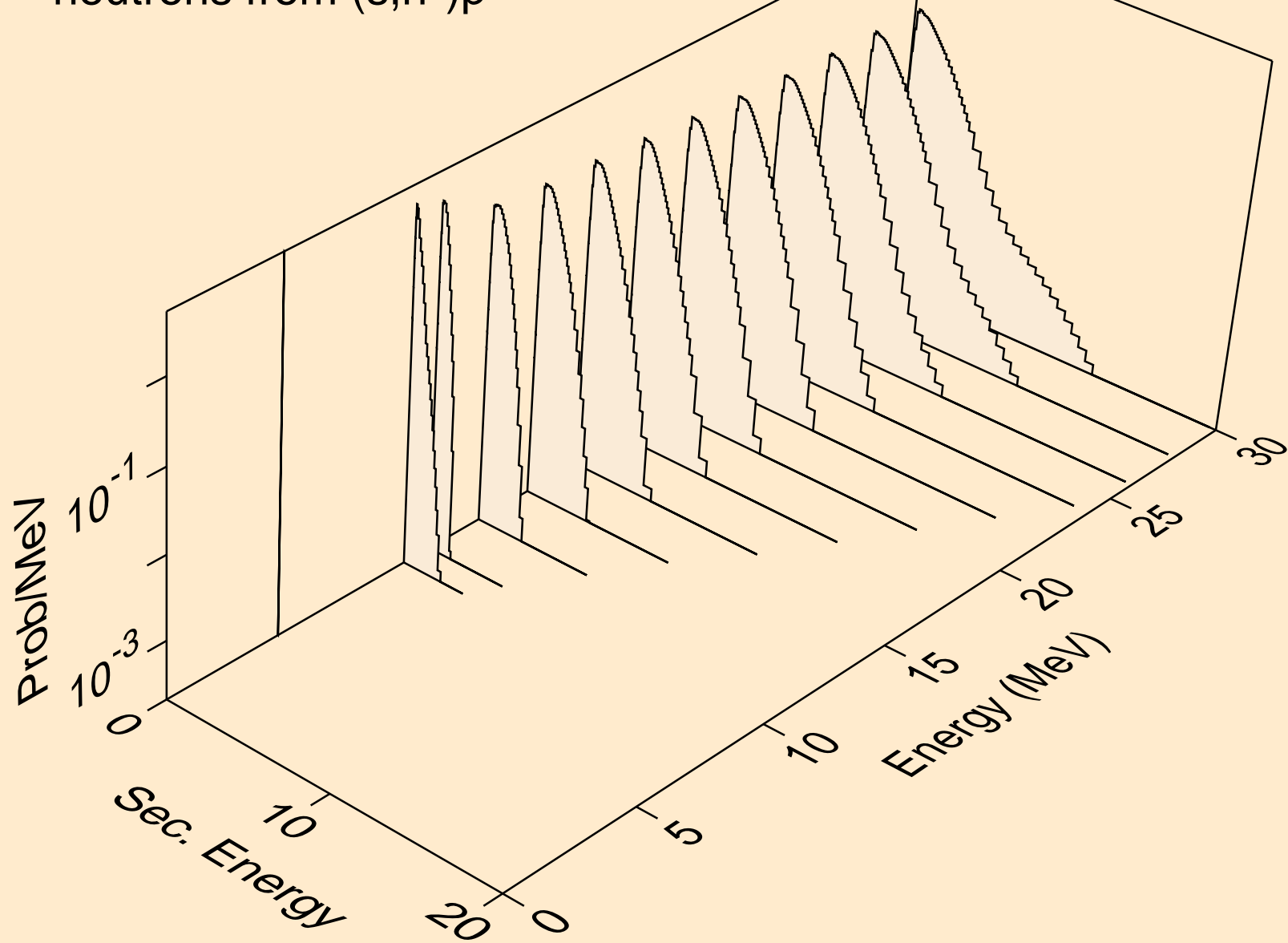
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)a



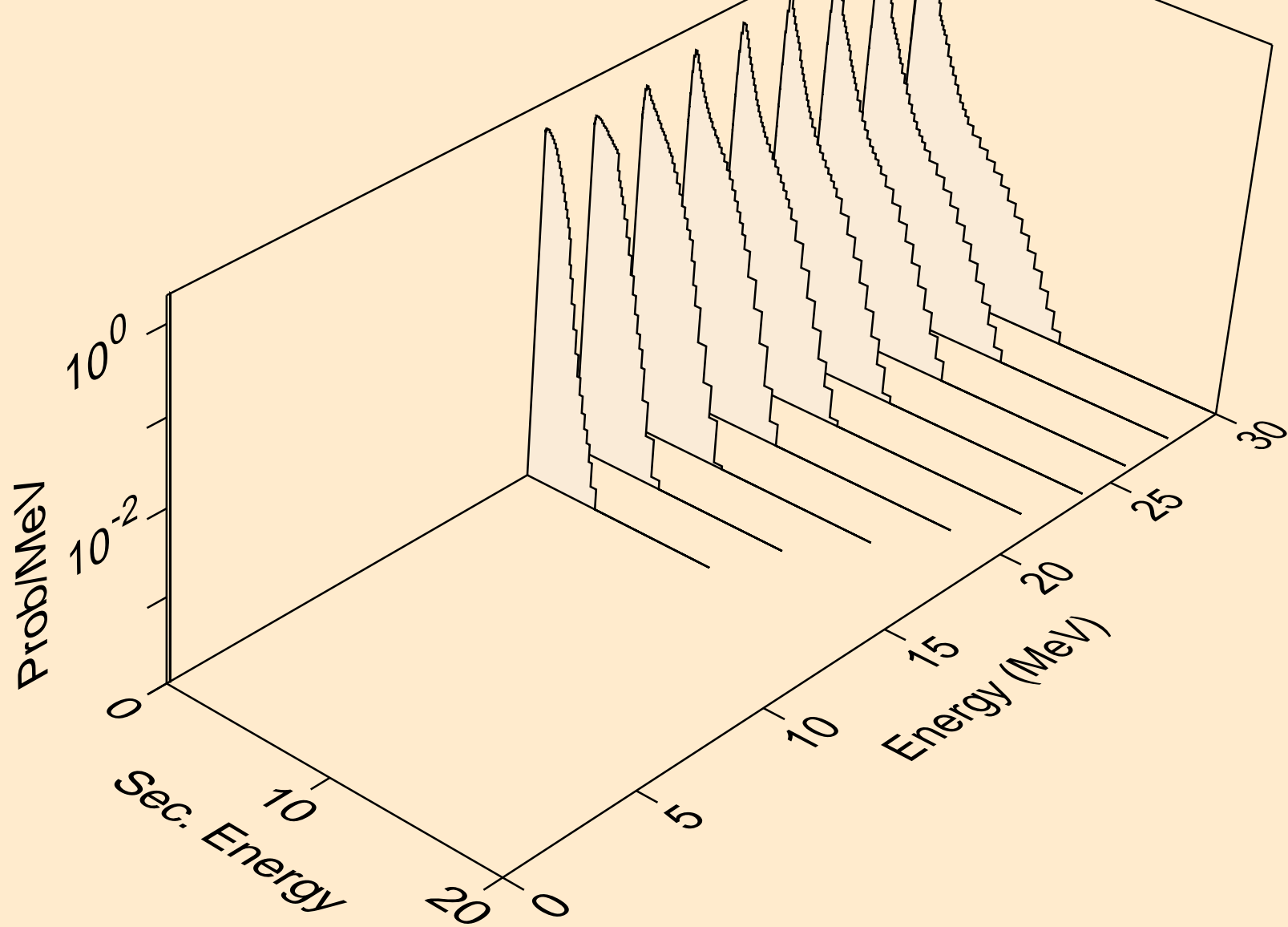
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neutrons from (s,3n)a



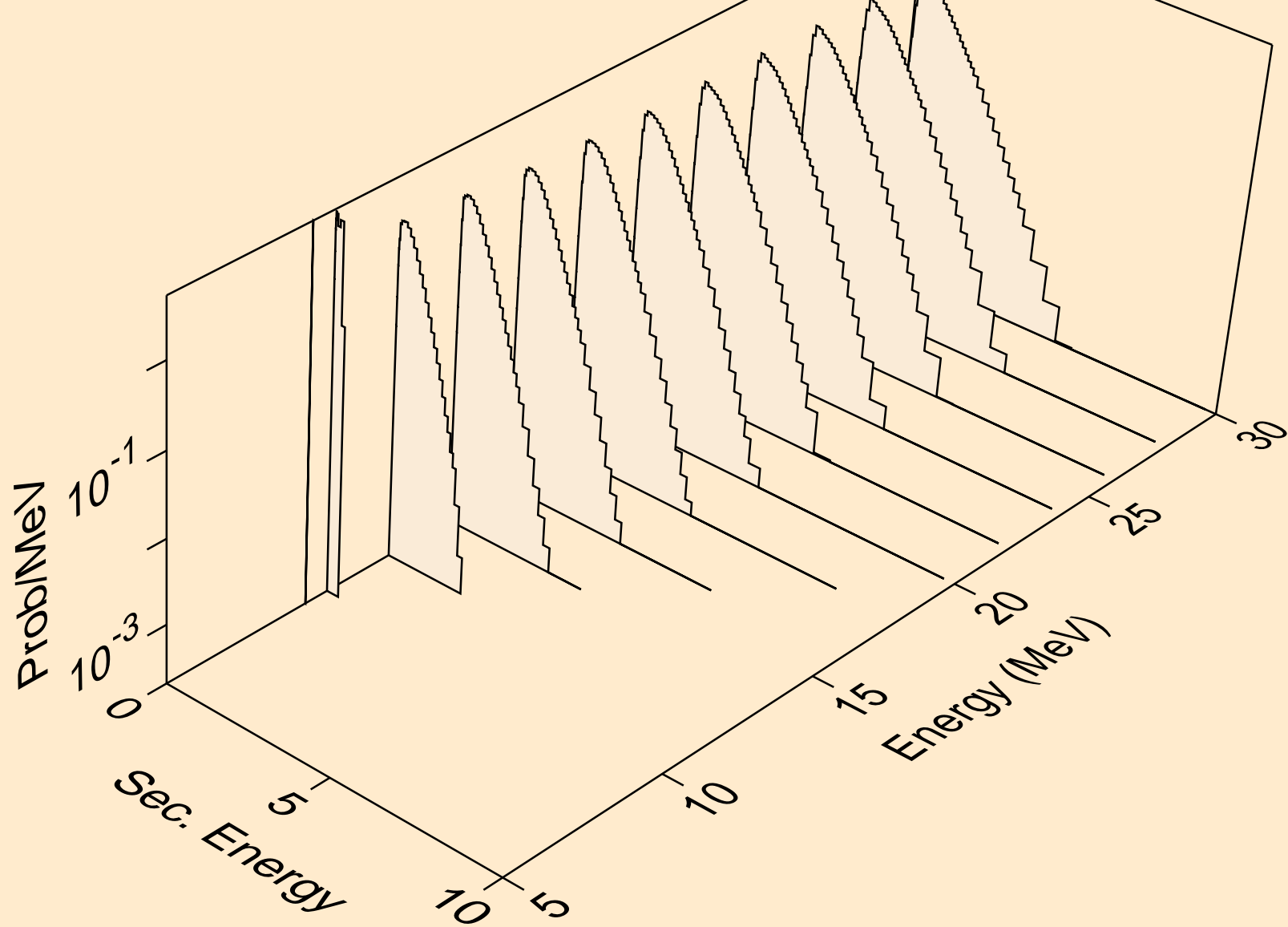
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neutrons from (s,n*)p



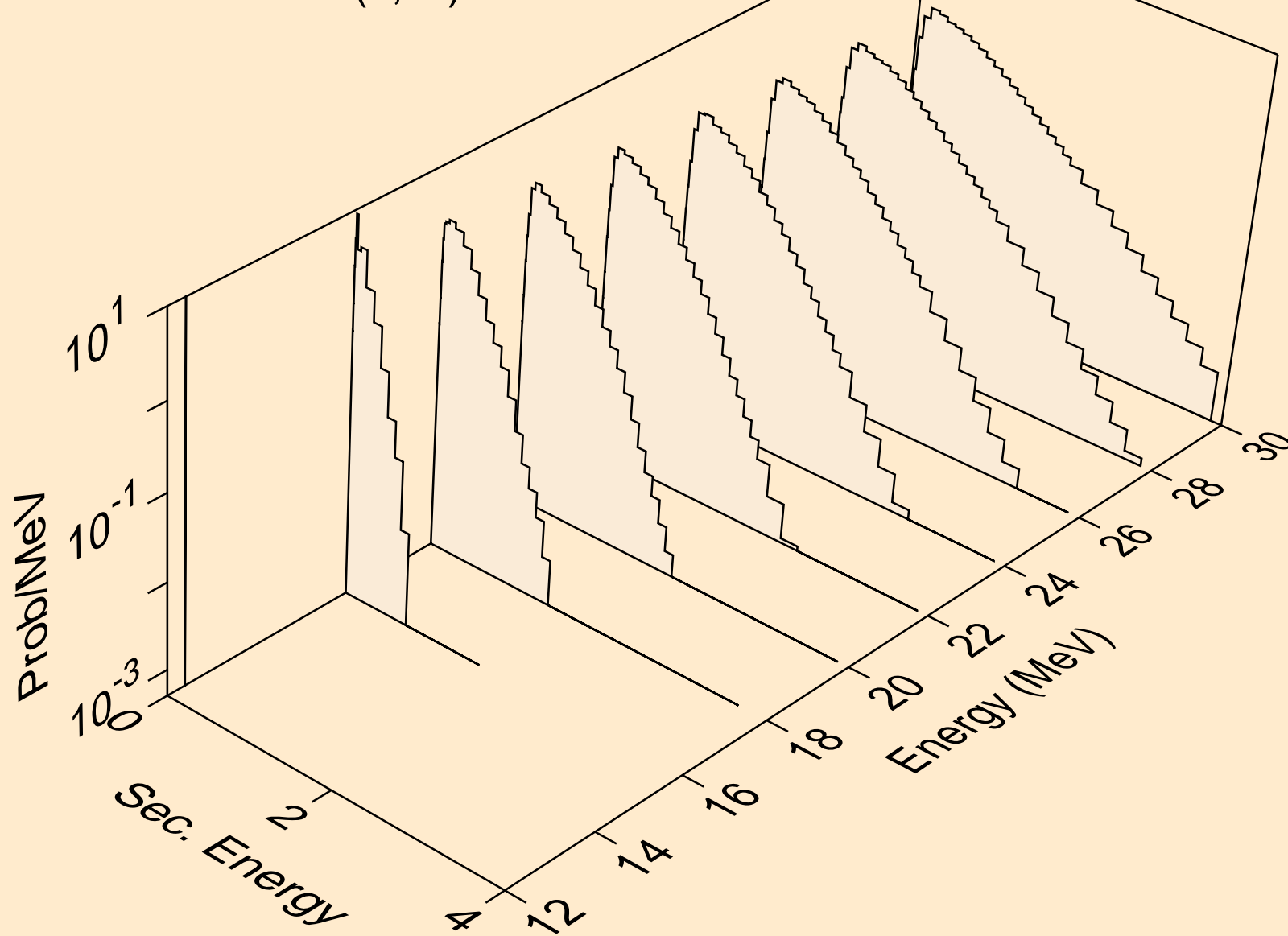
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neutrons from (s,n*)2a



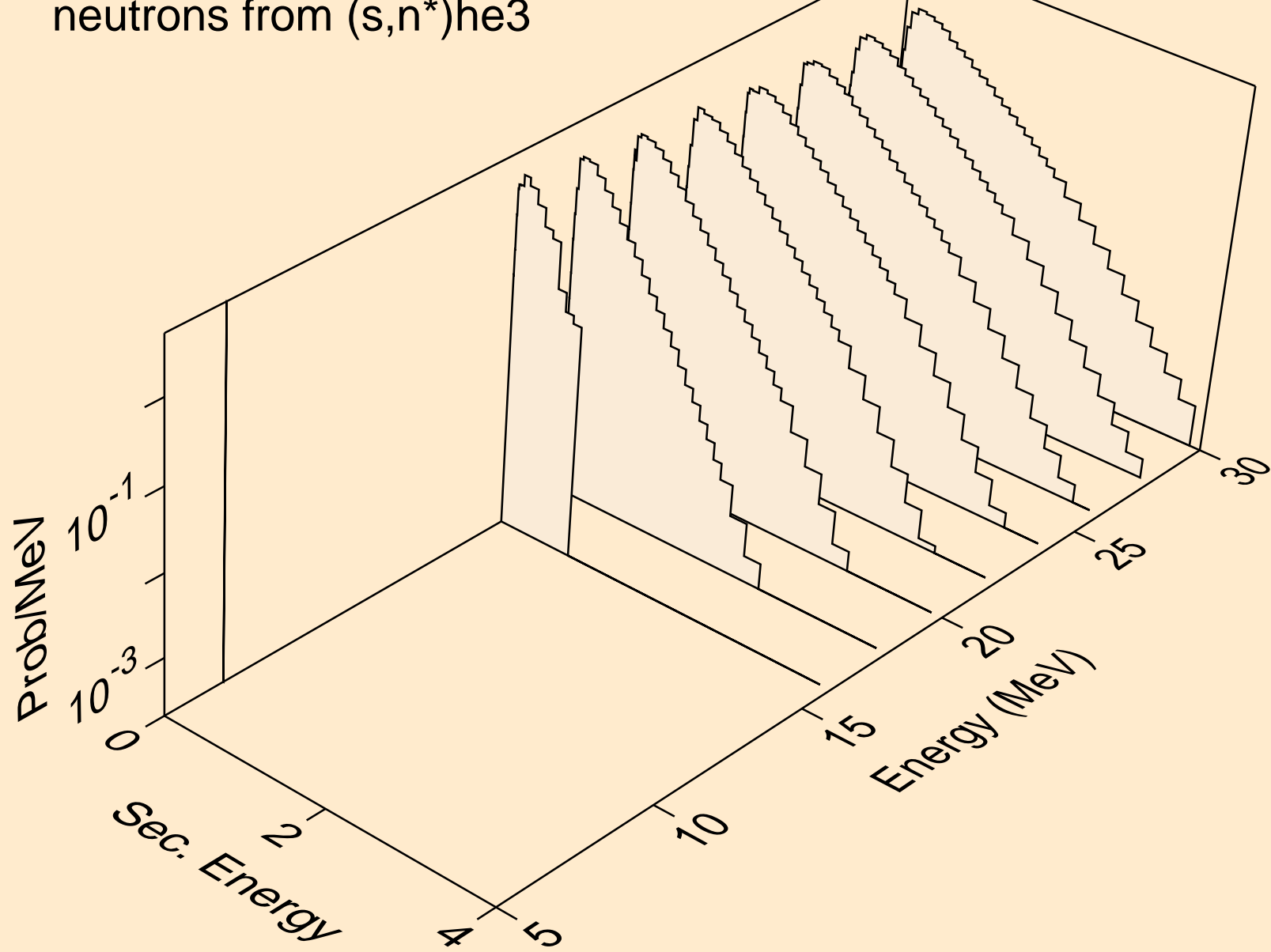
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neutrons from (s,n*)d



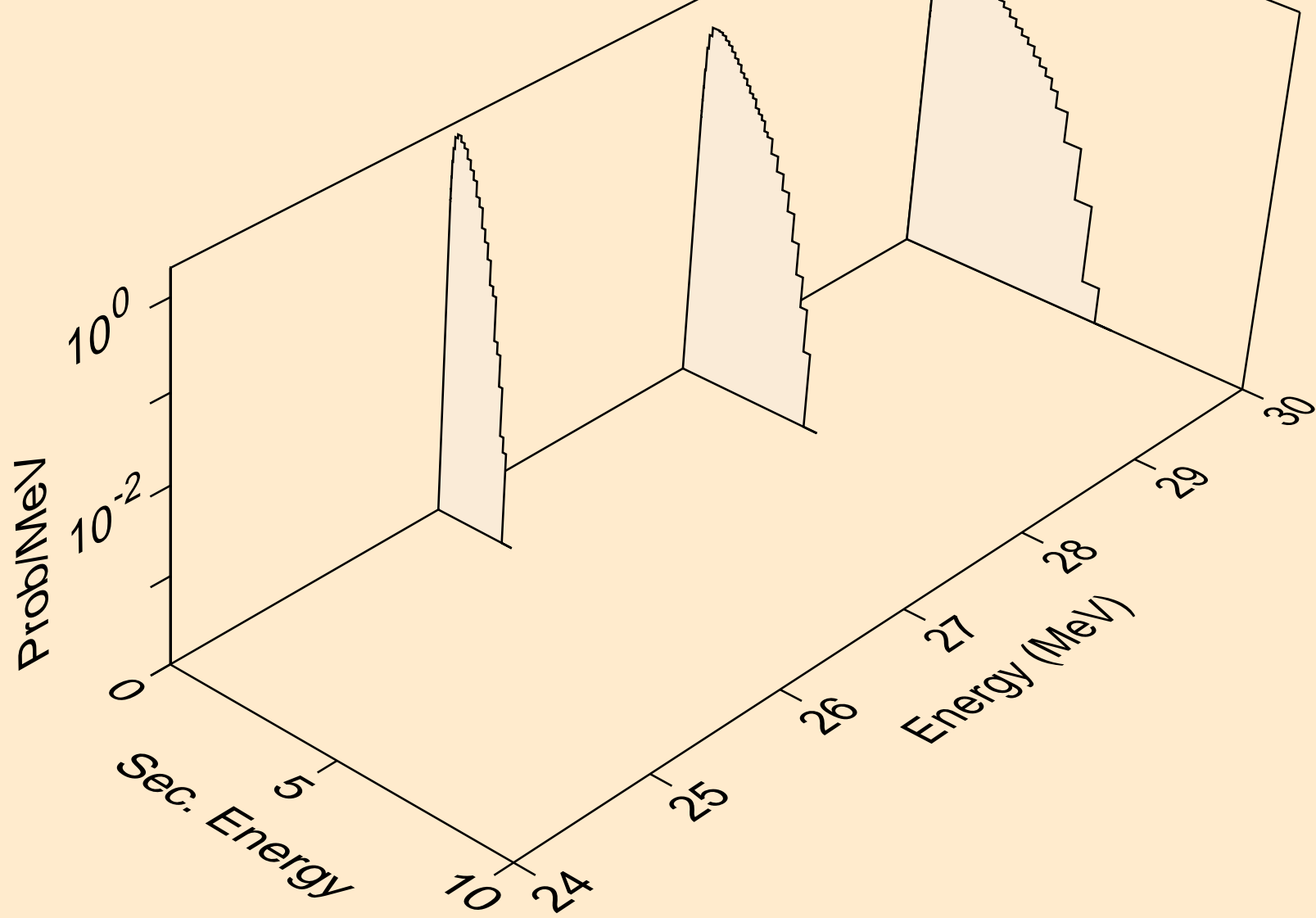
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neutrons from (s,n*)t



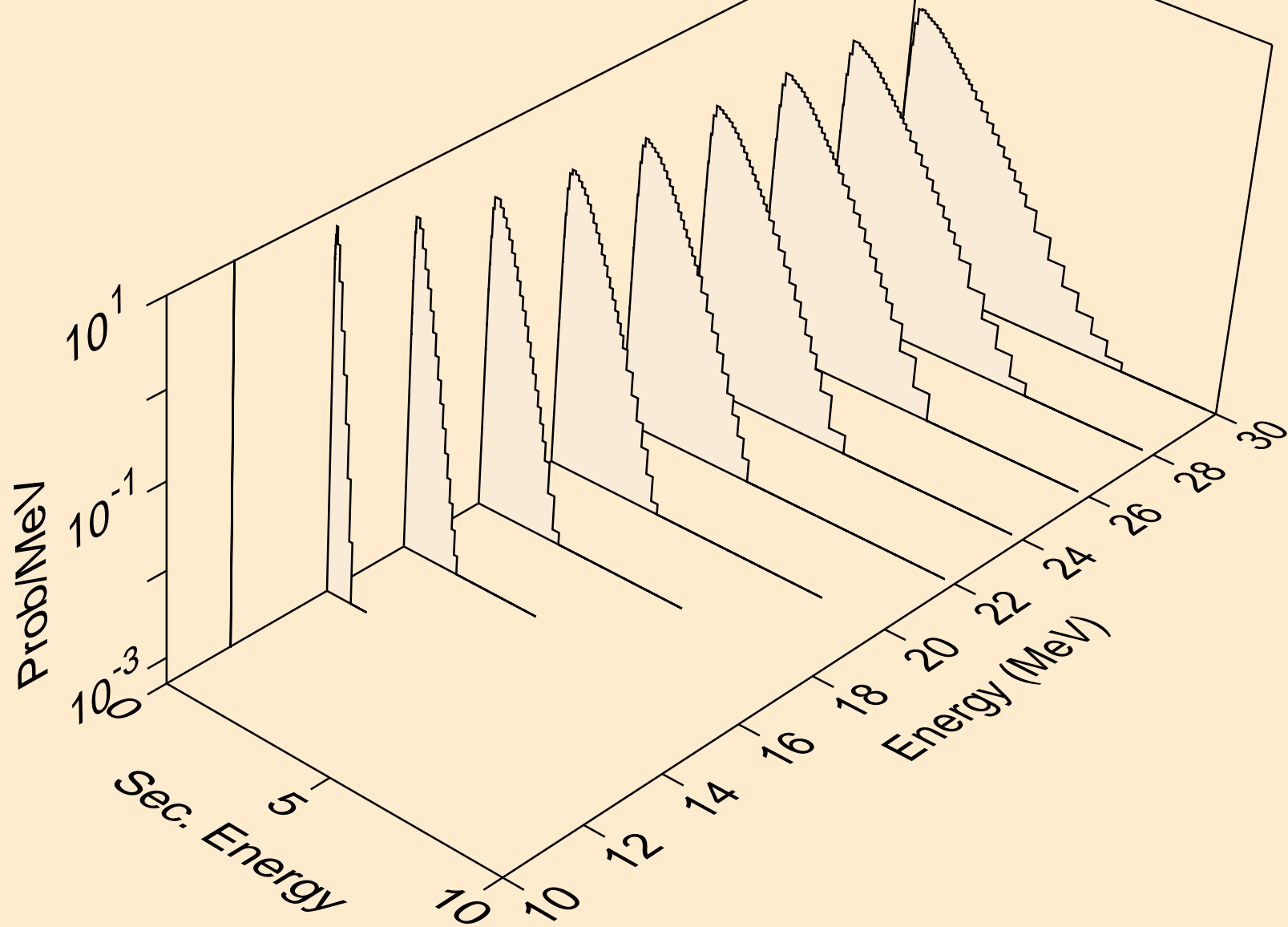
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)he3



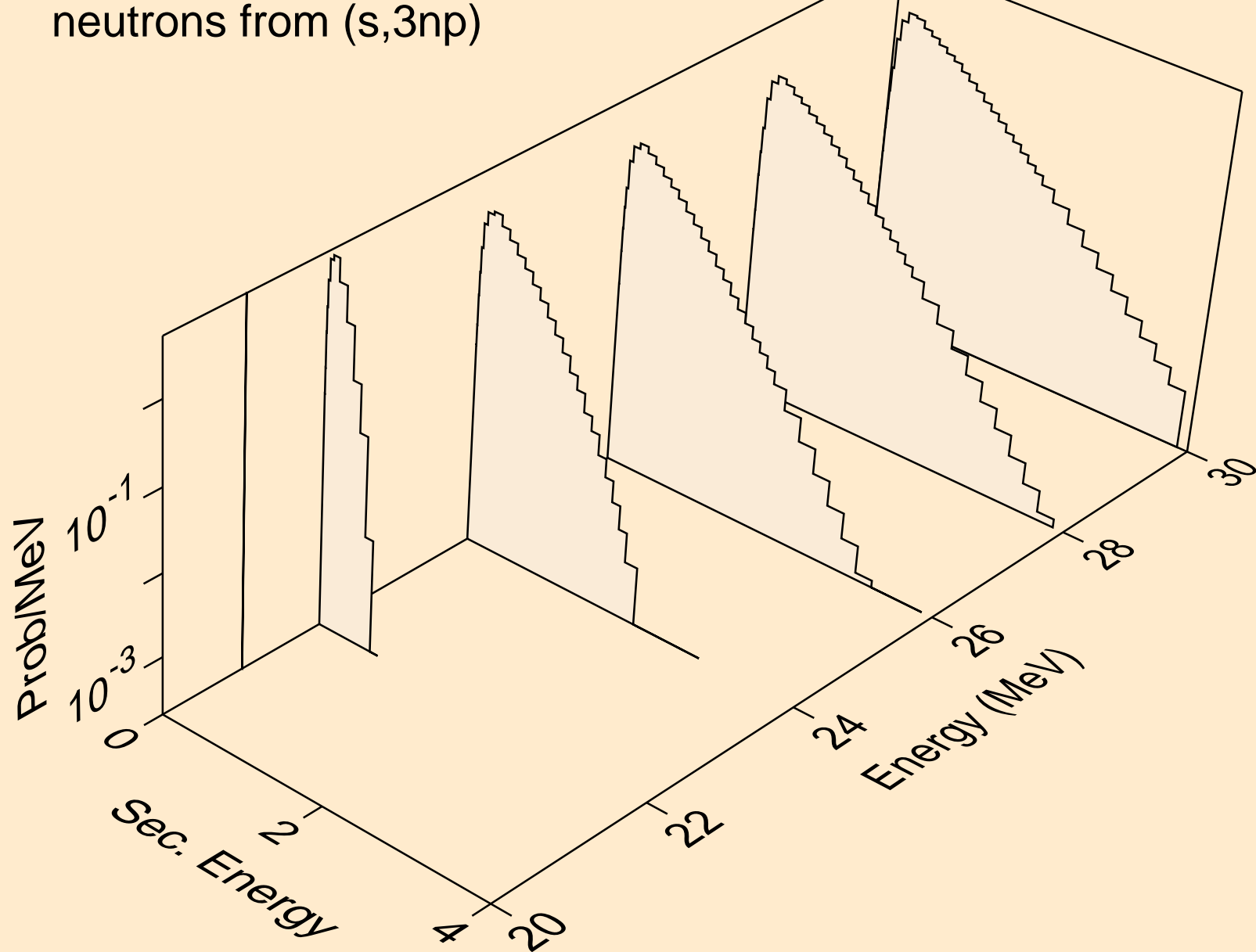
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neutrons from (s,4n)



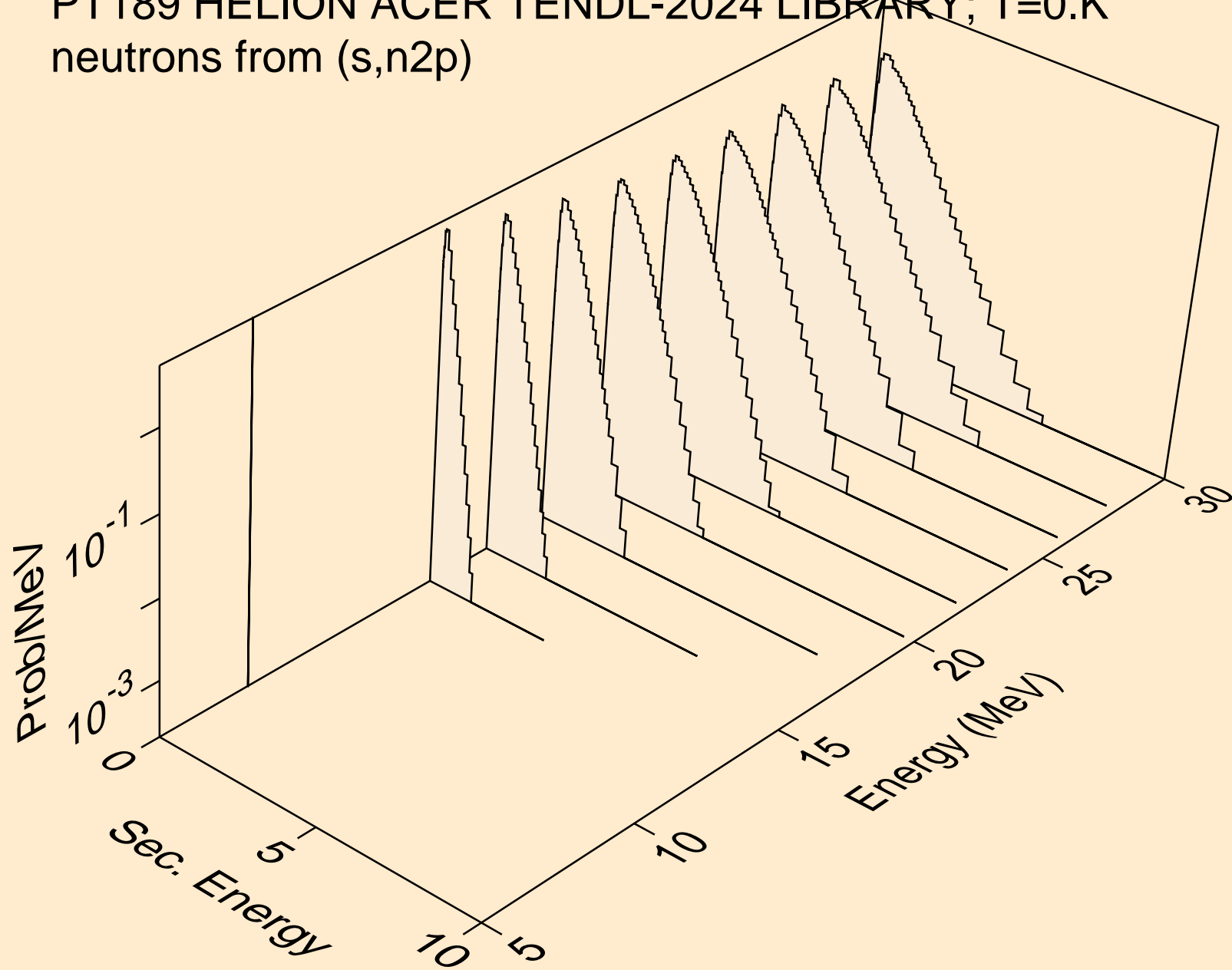
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neutrons from (s,2np)



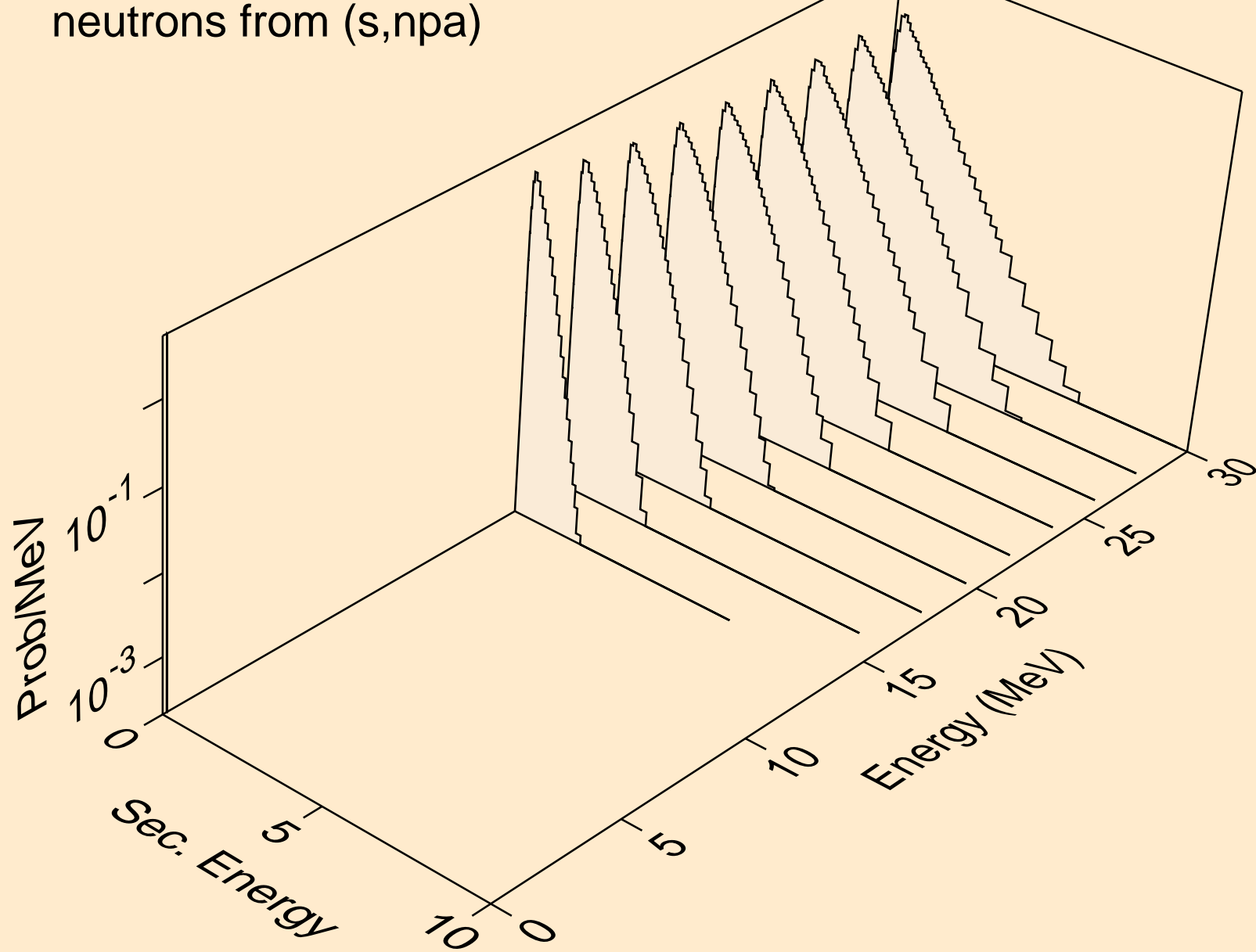
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neutrons from (s,3np)



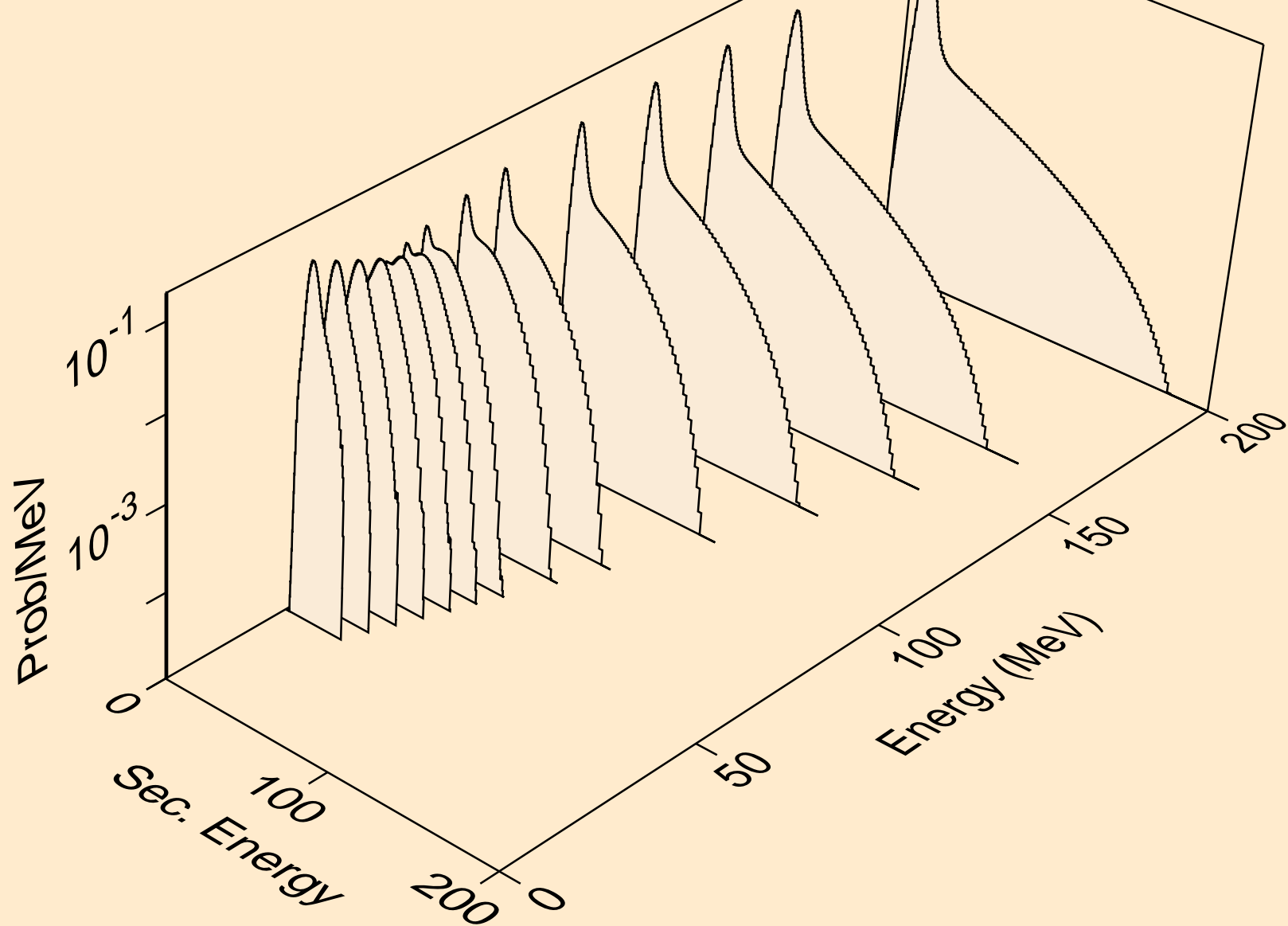
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n2p)



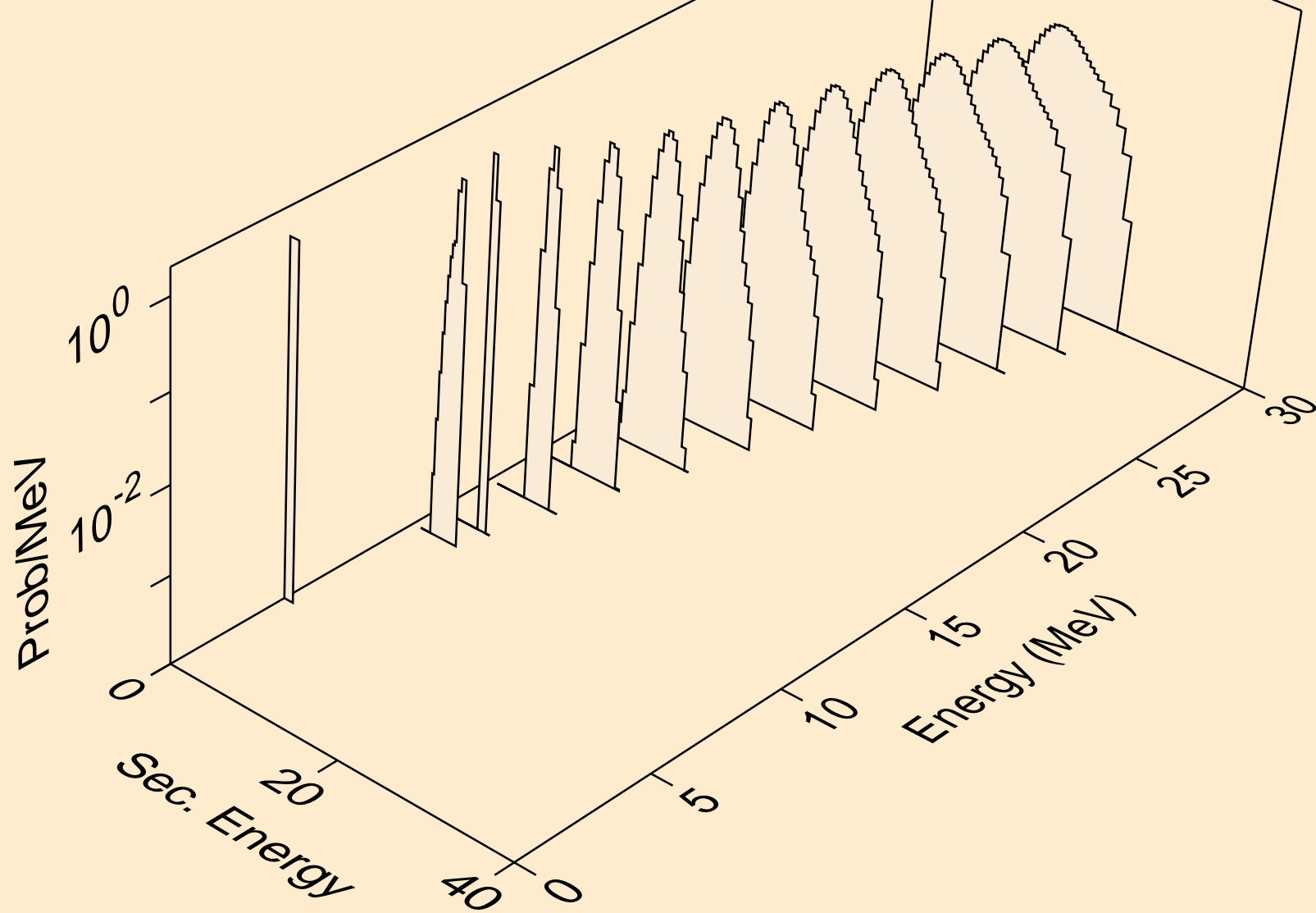
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,npa)



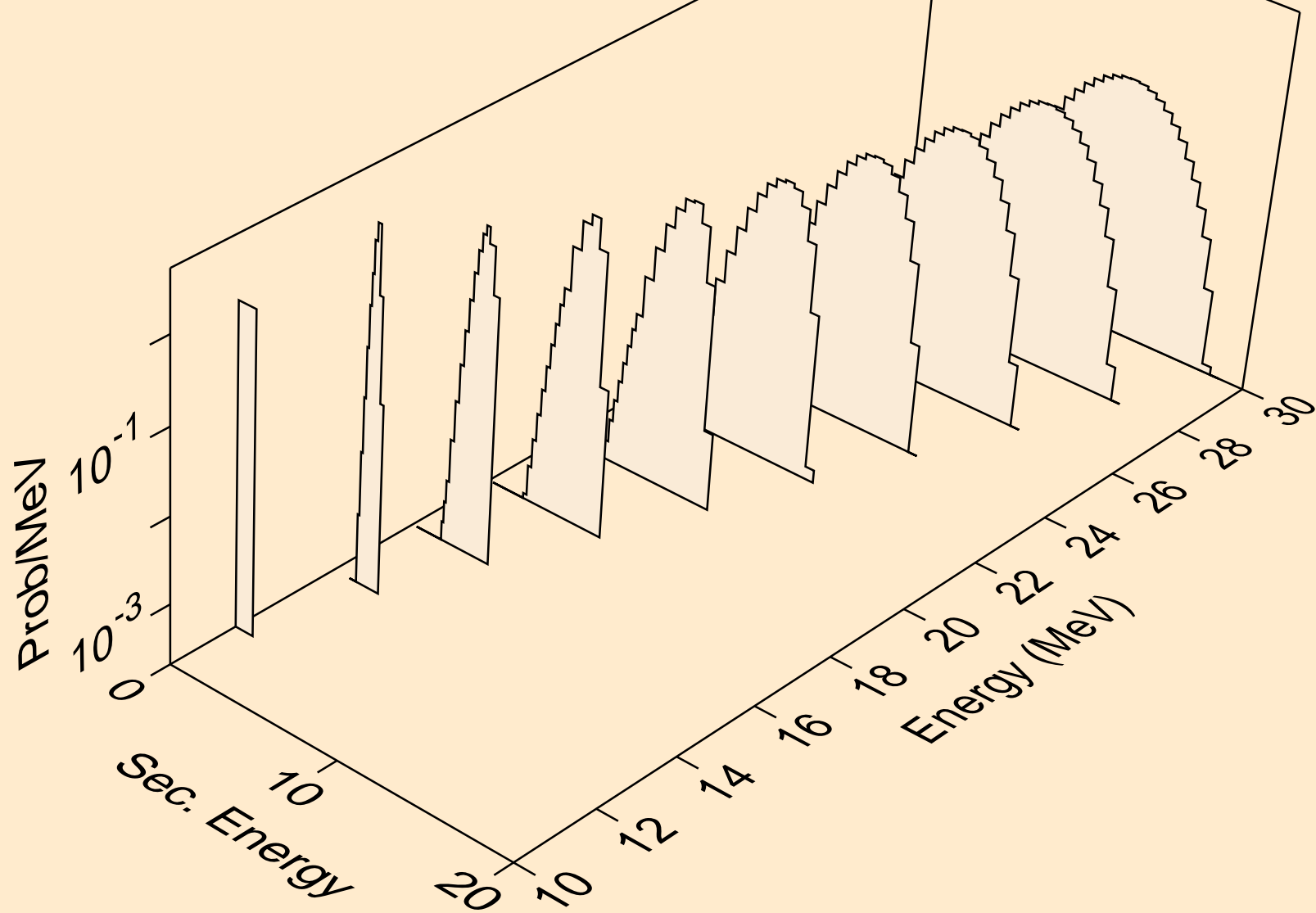
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,x)



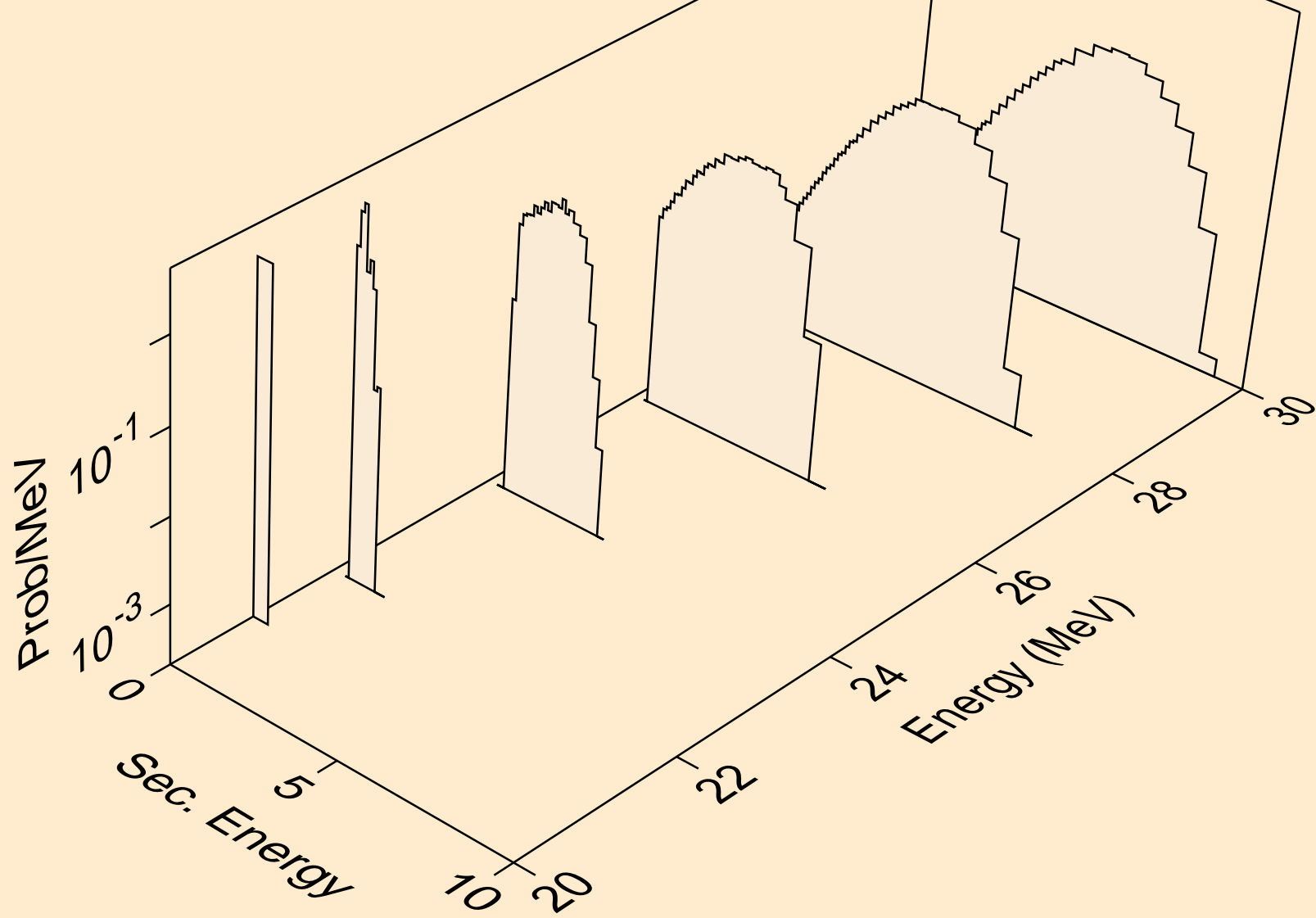
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n*)p



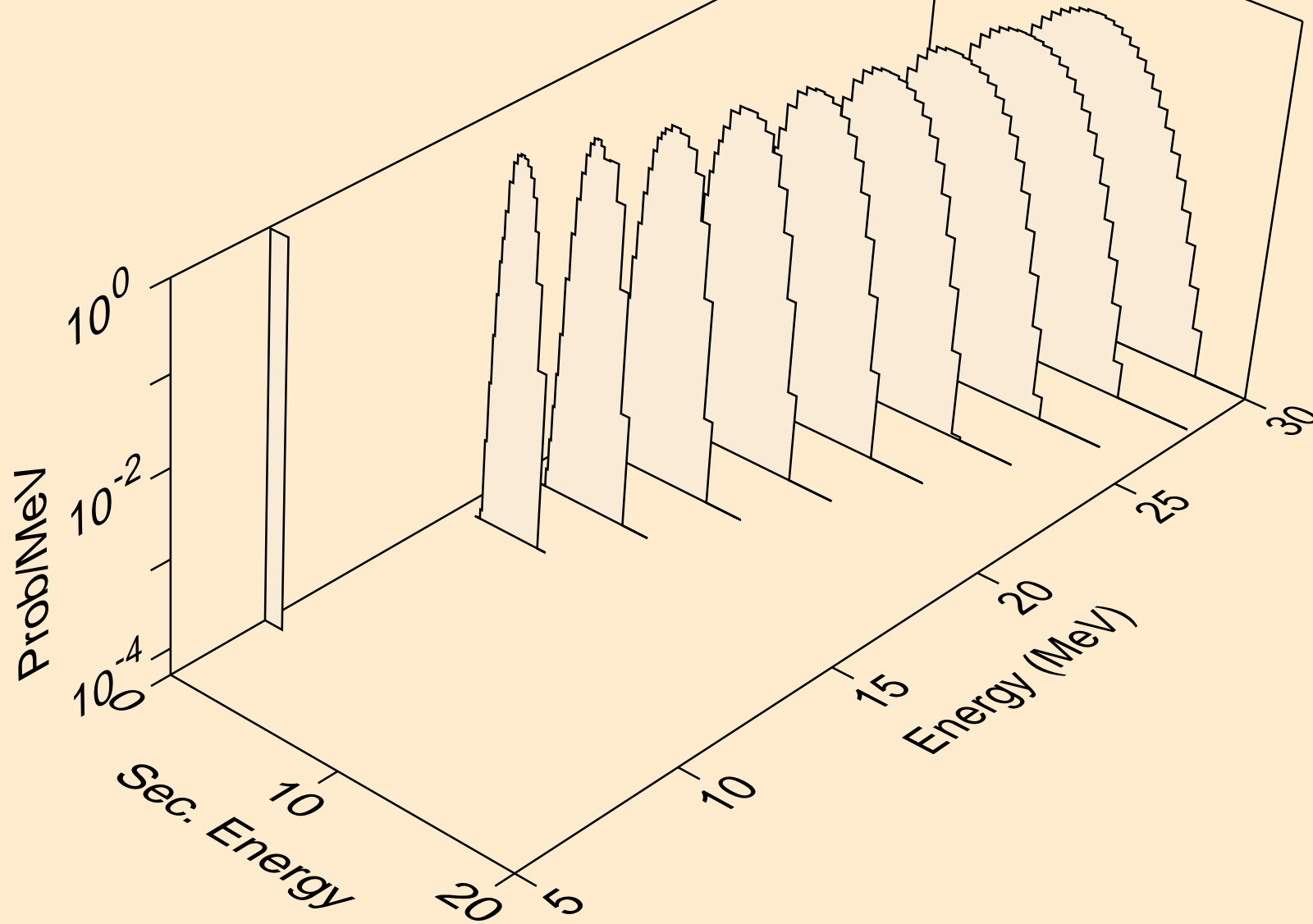
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,2np)



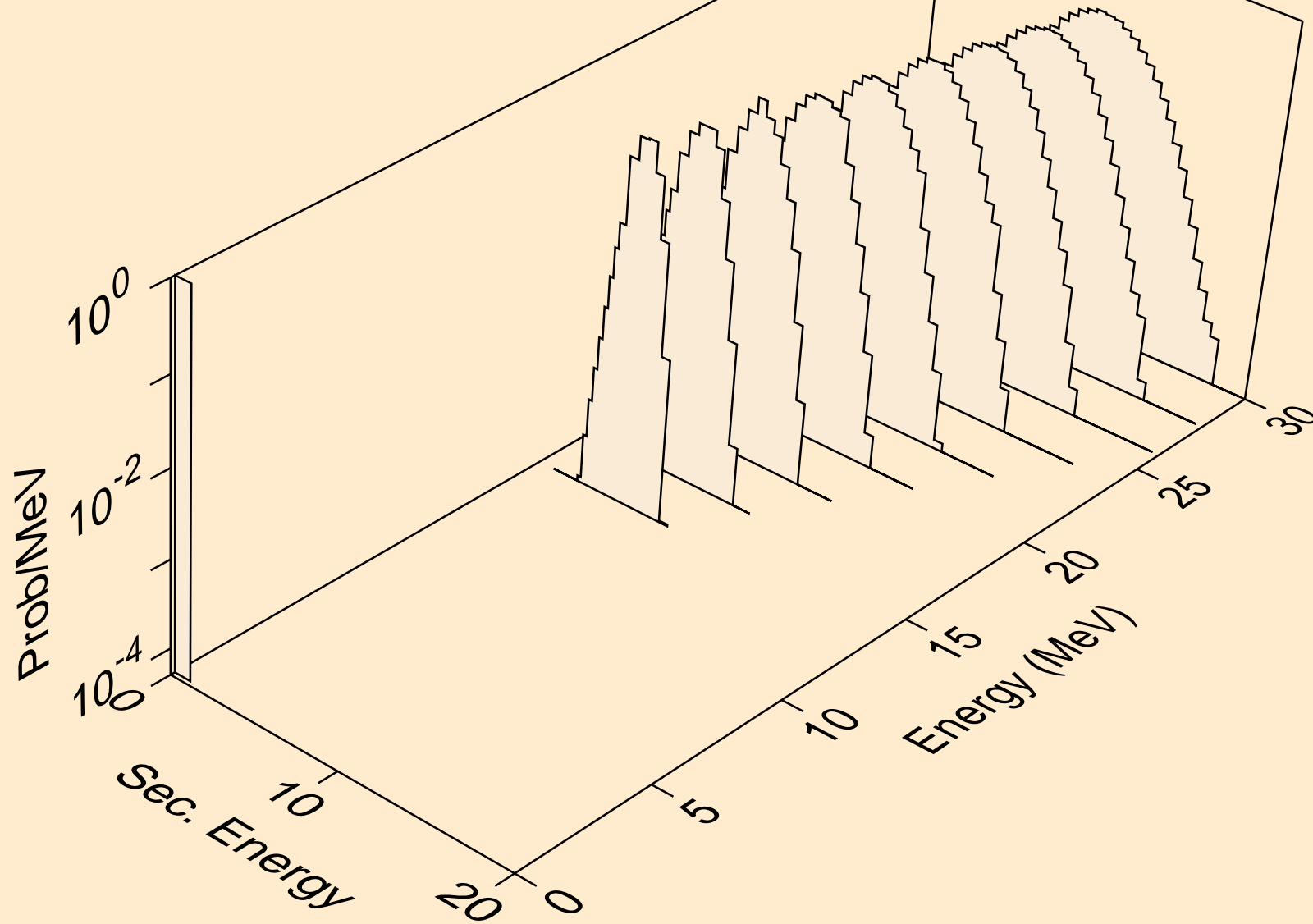
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protons from (s,3np)



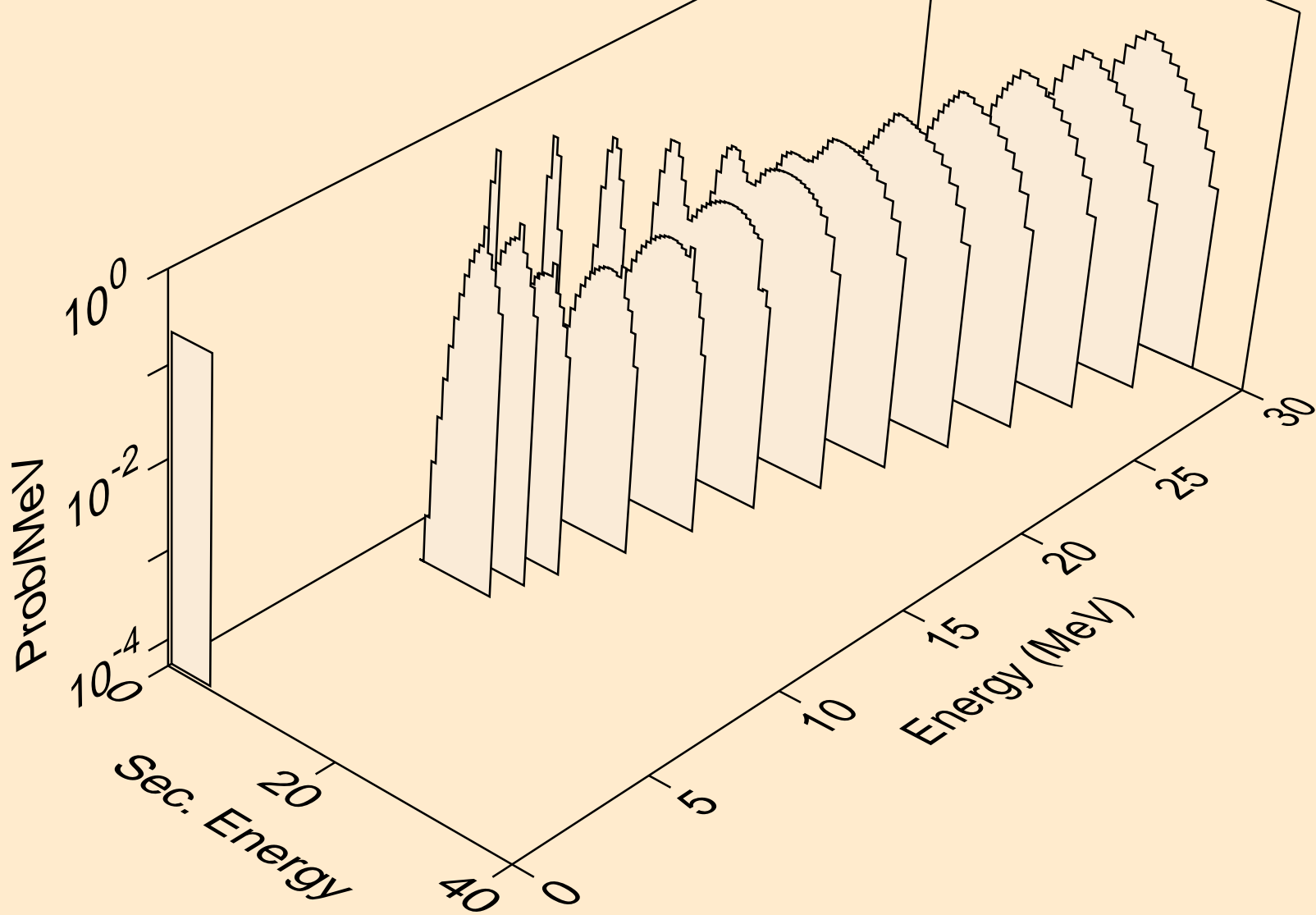
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n2p)



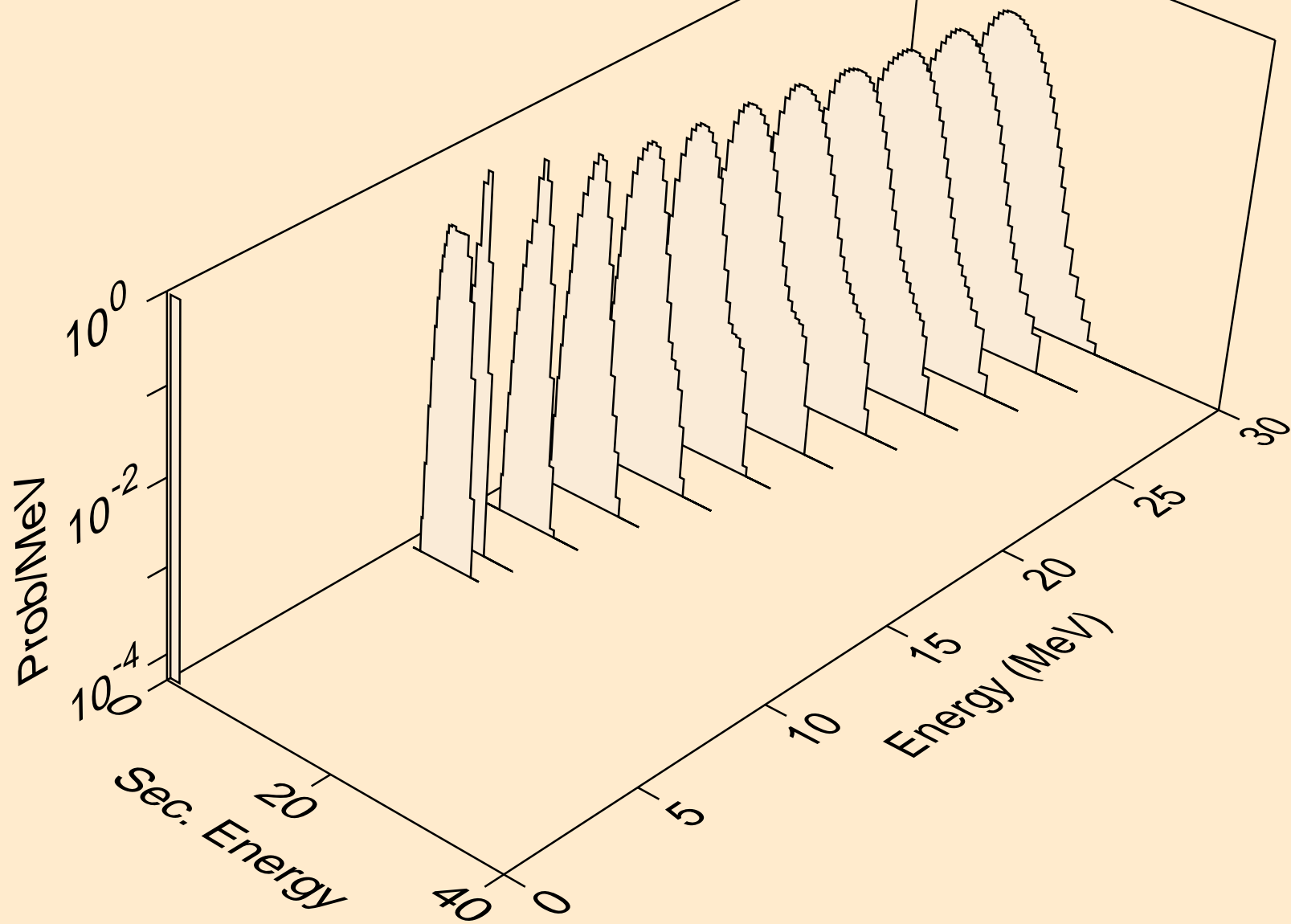
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protons from (s,npa)



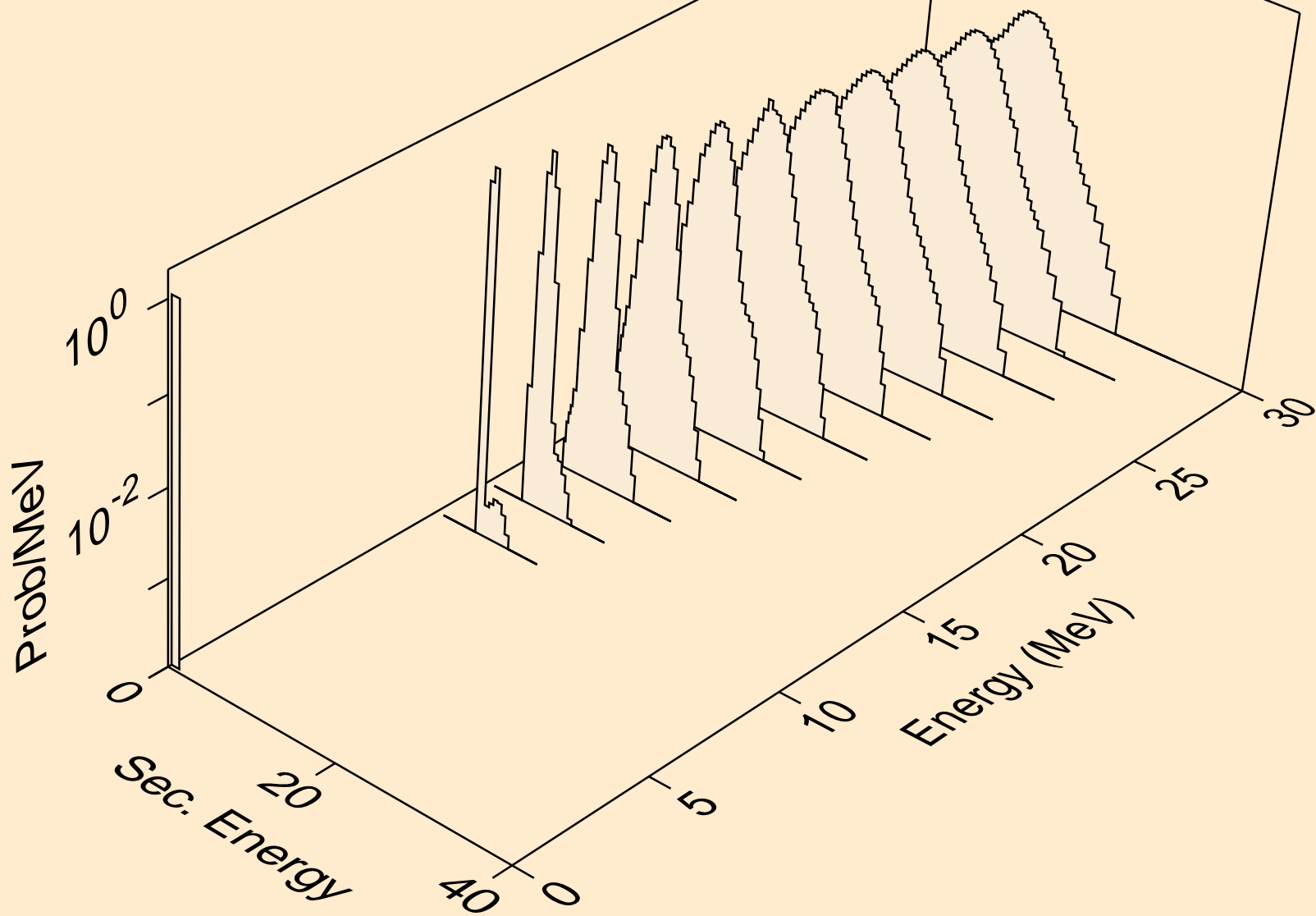
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,p)



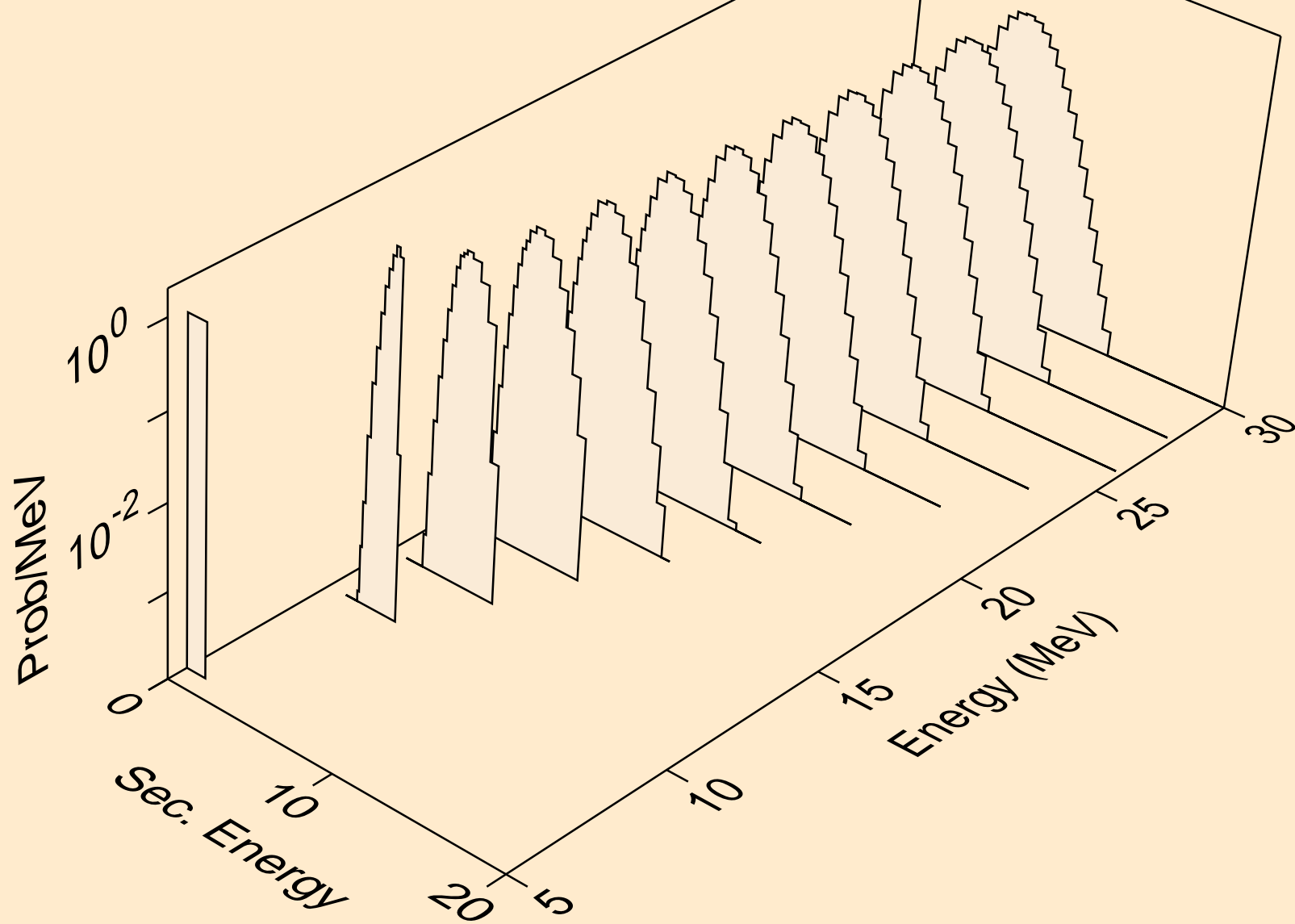
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protons from (s,2p)



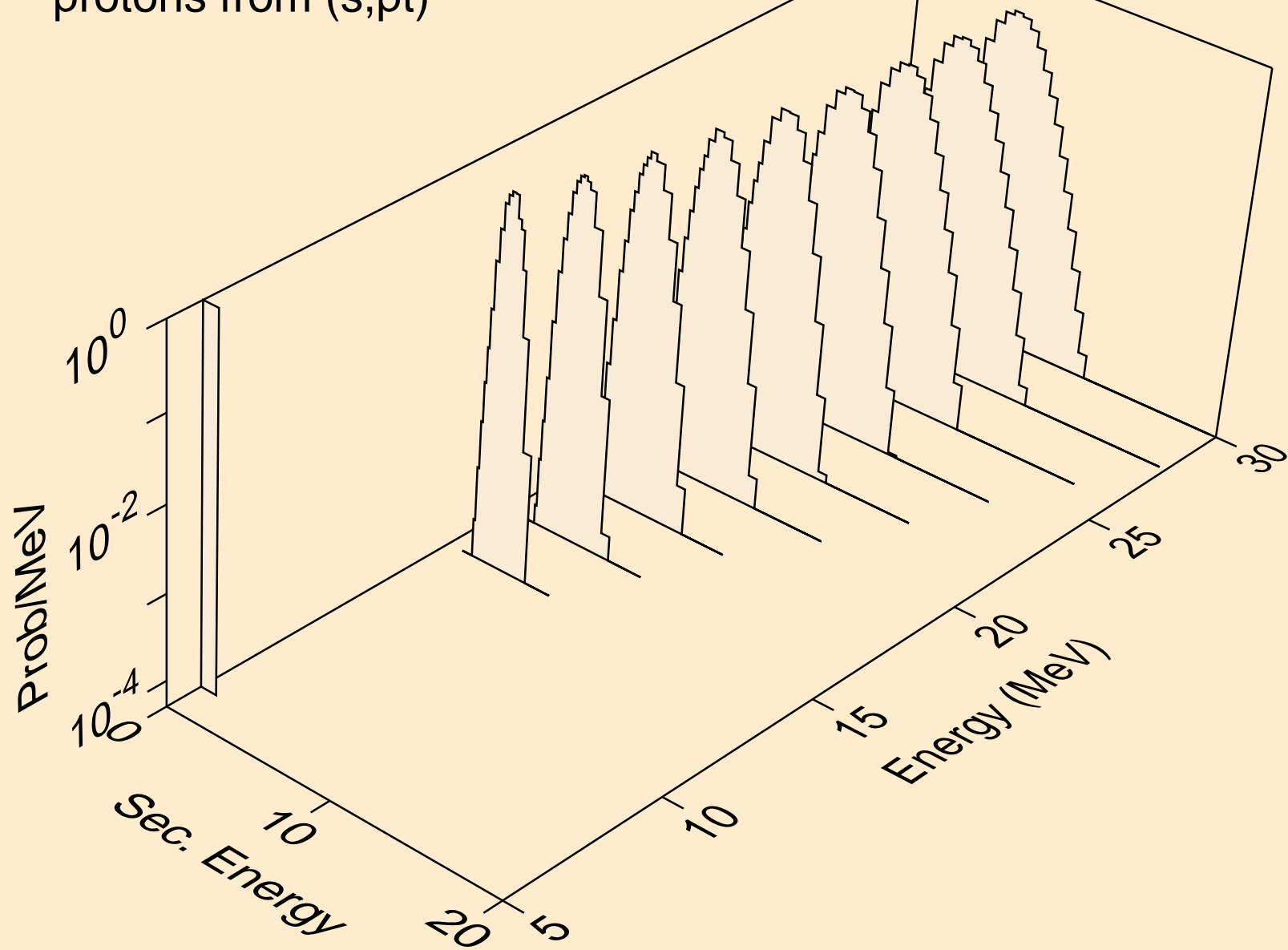
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protons from (s,pa)



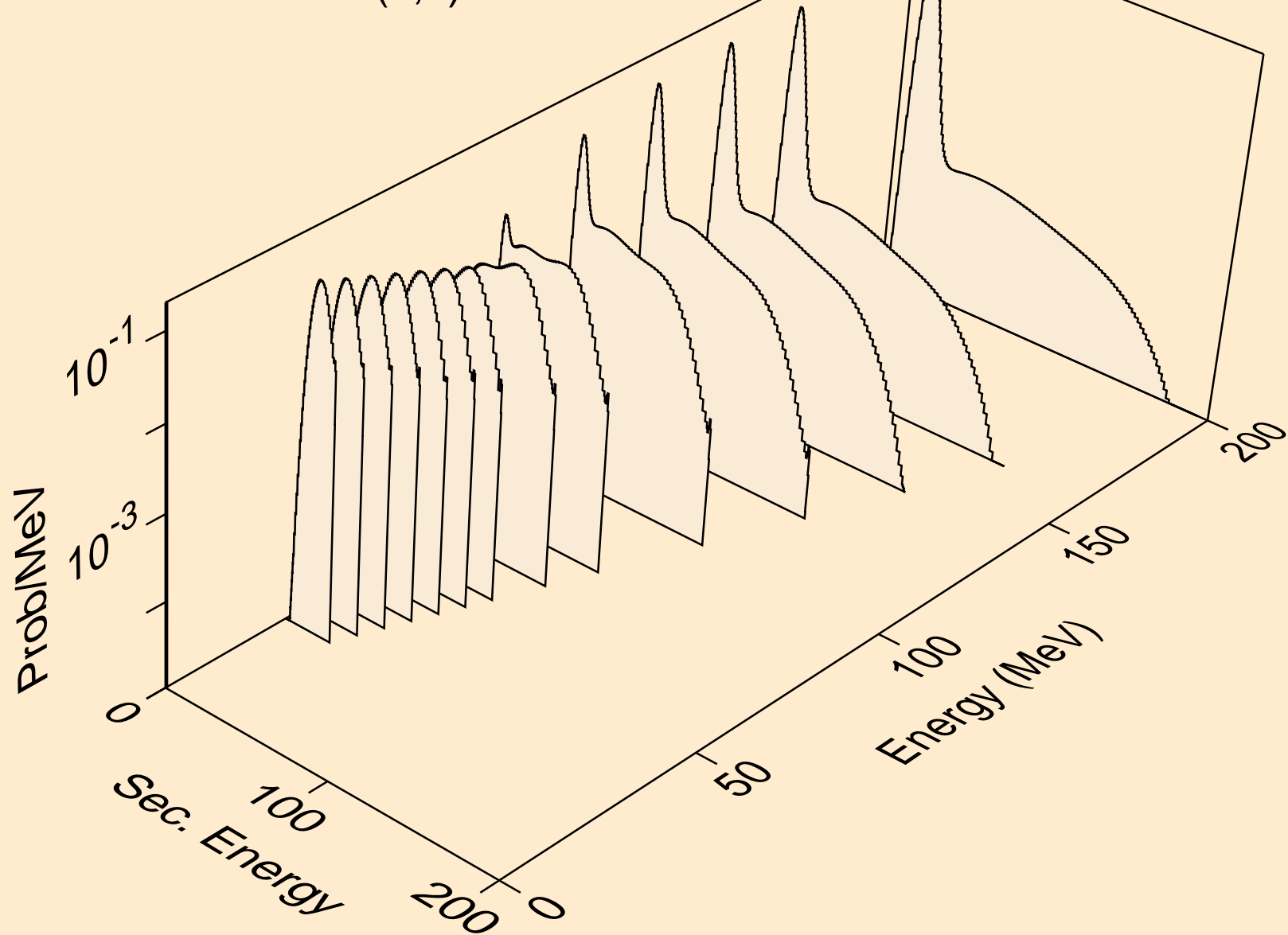
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,pd)



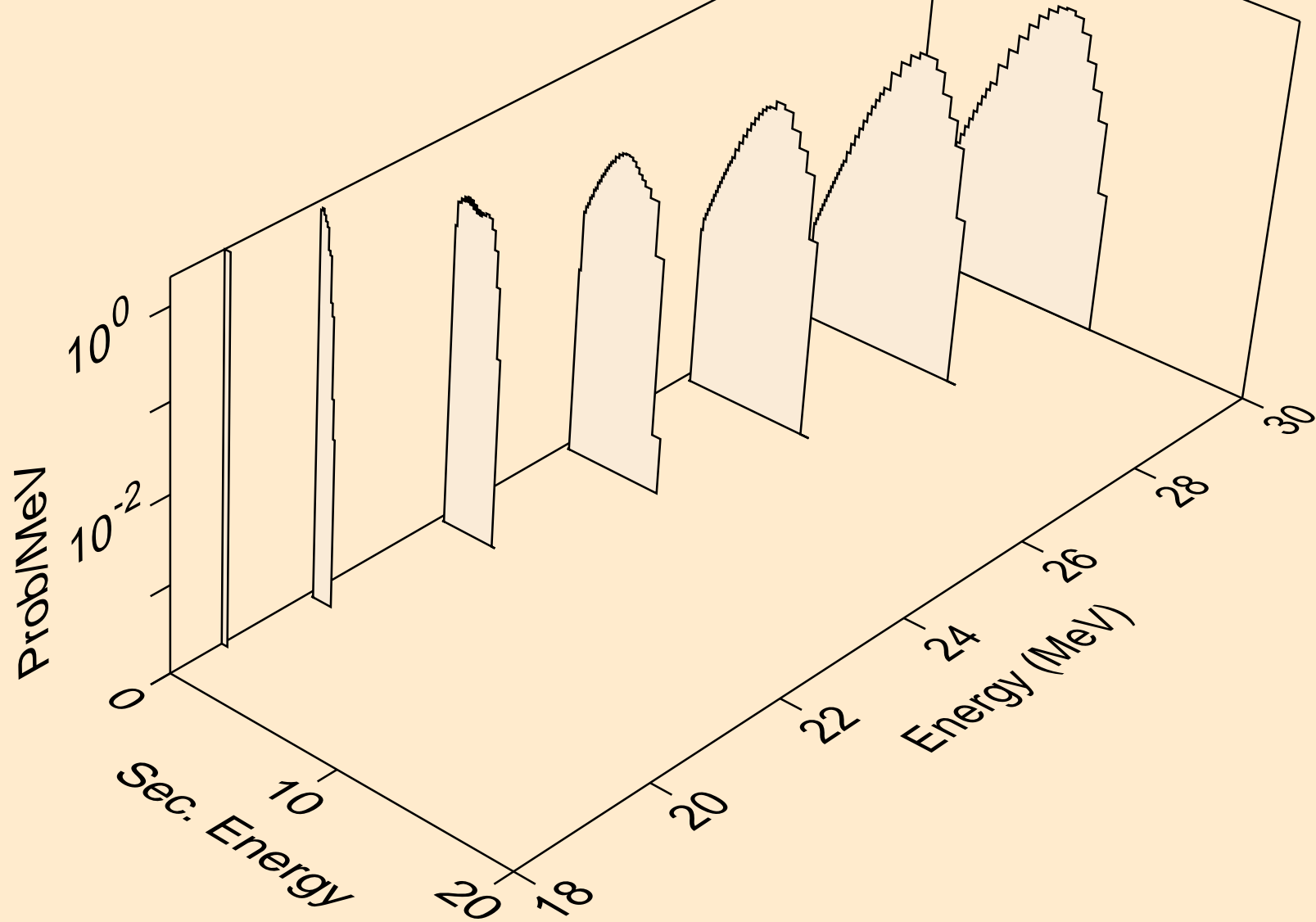
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protons from (s,pt)



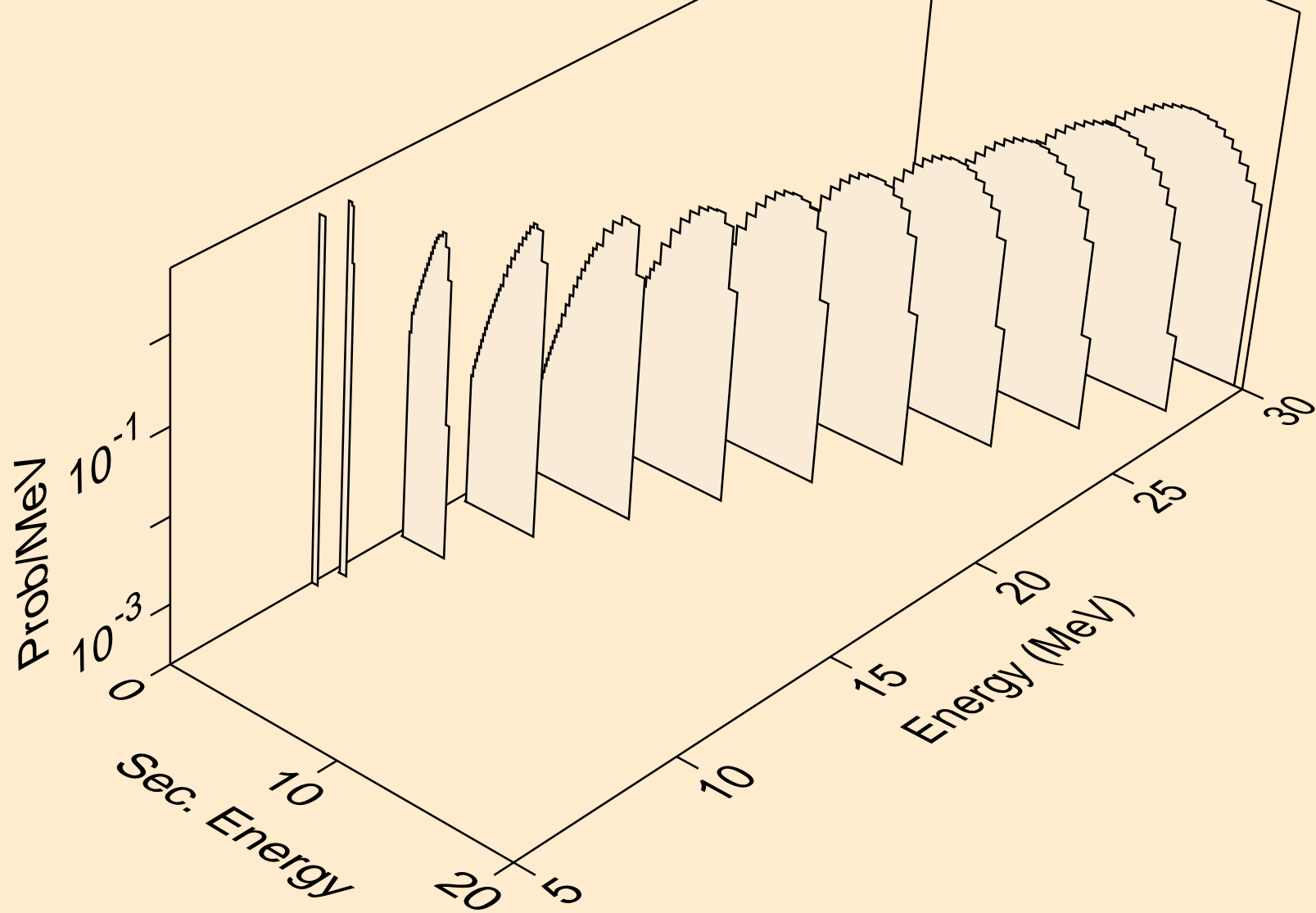
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,x)



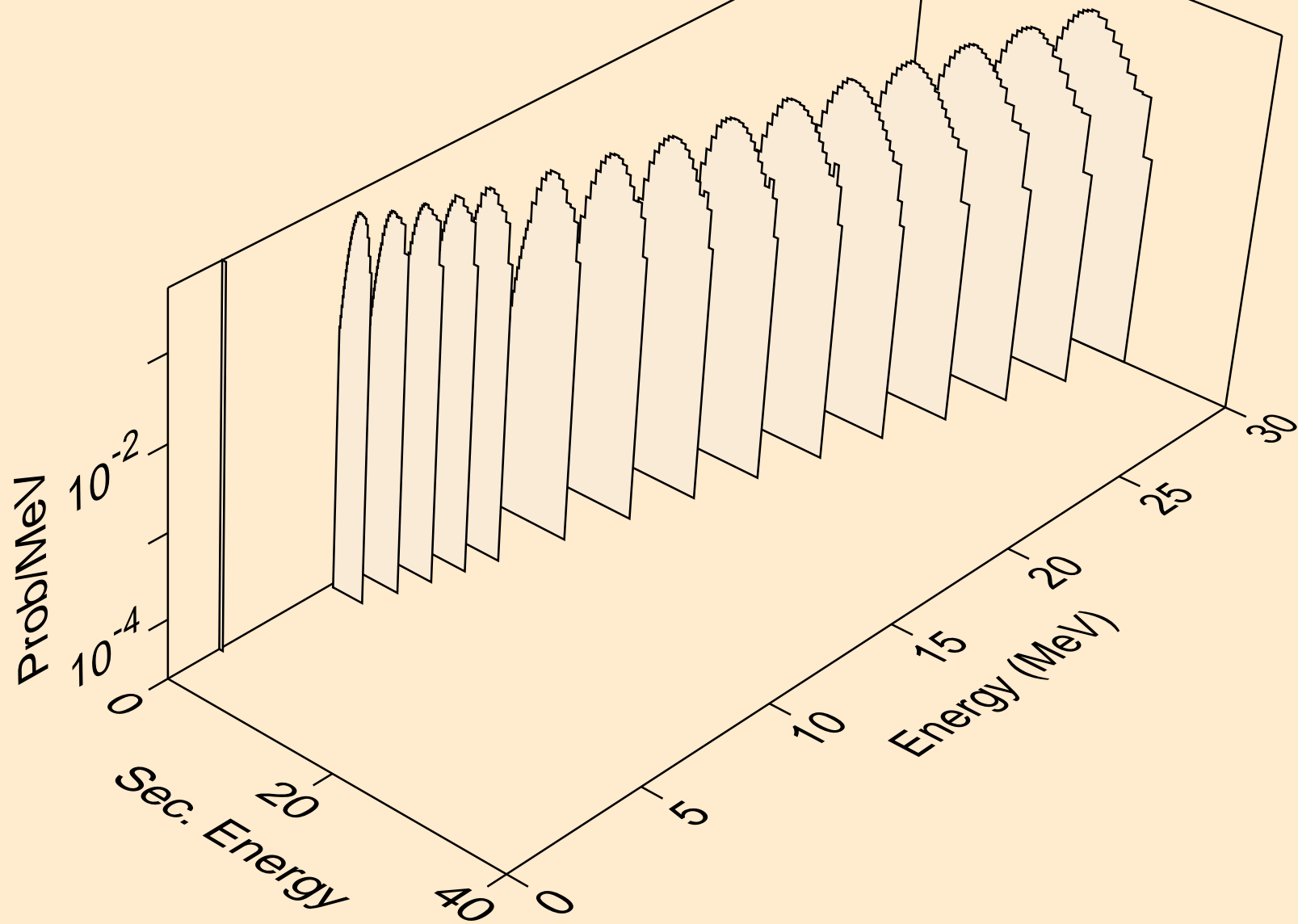
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deuterons from (s,2nd)



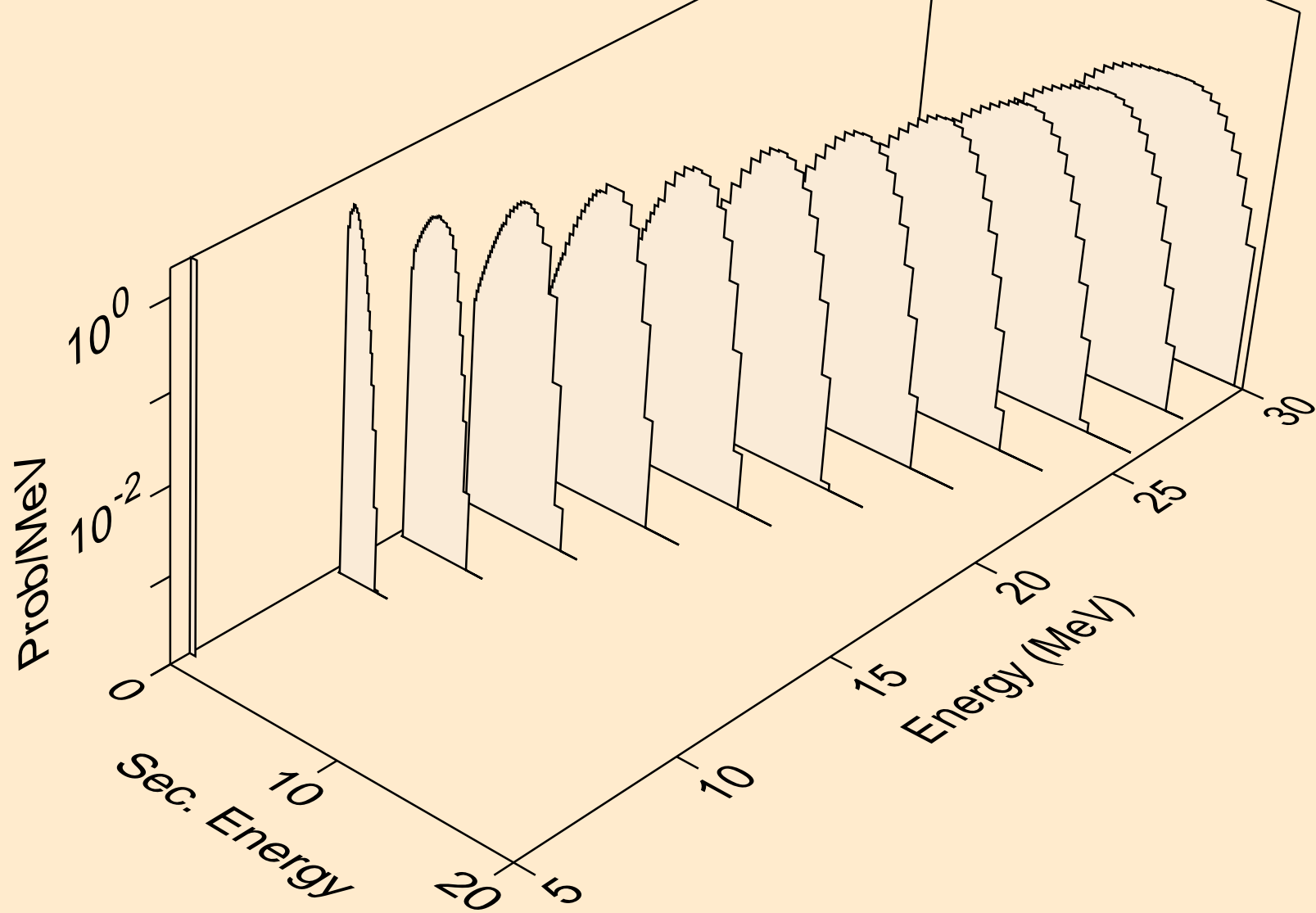
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deuterons from (s,n*)d



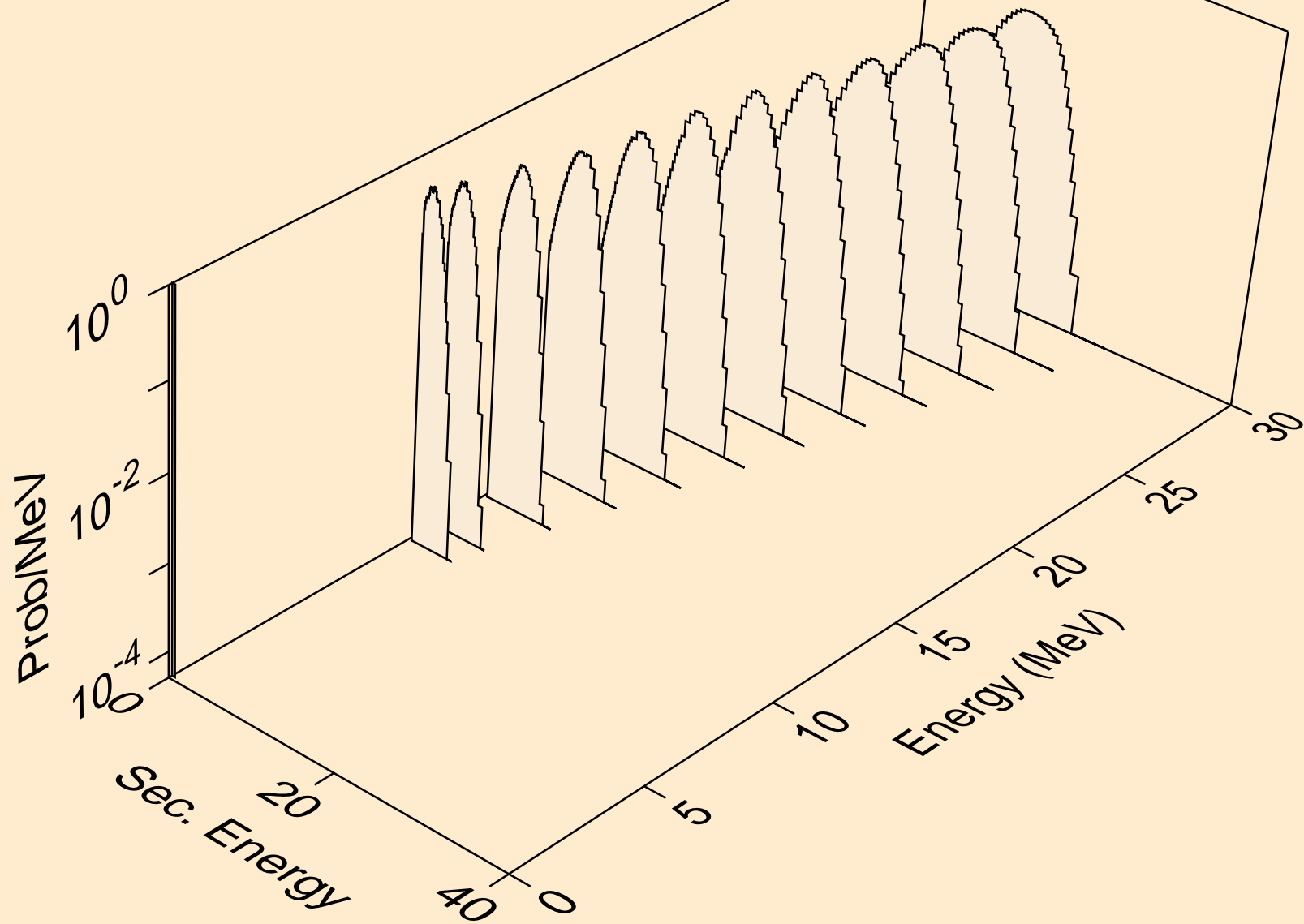
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deuterons from (s,d)



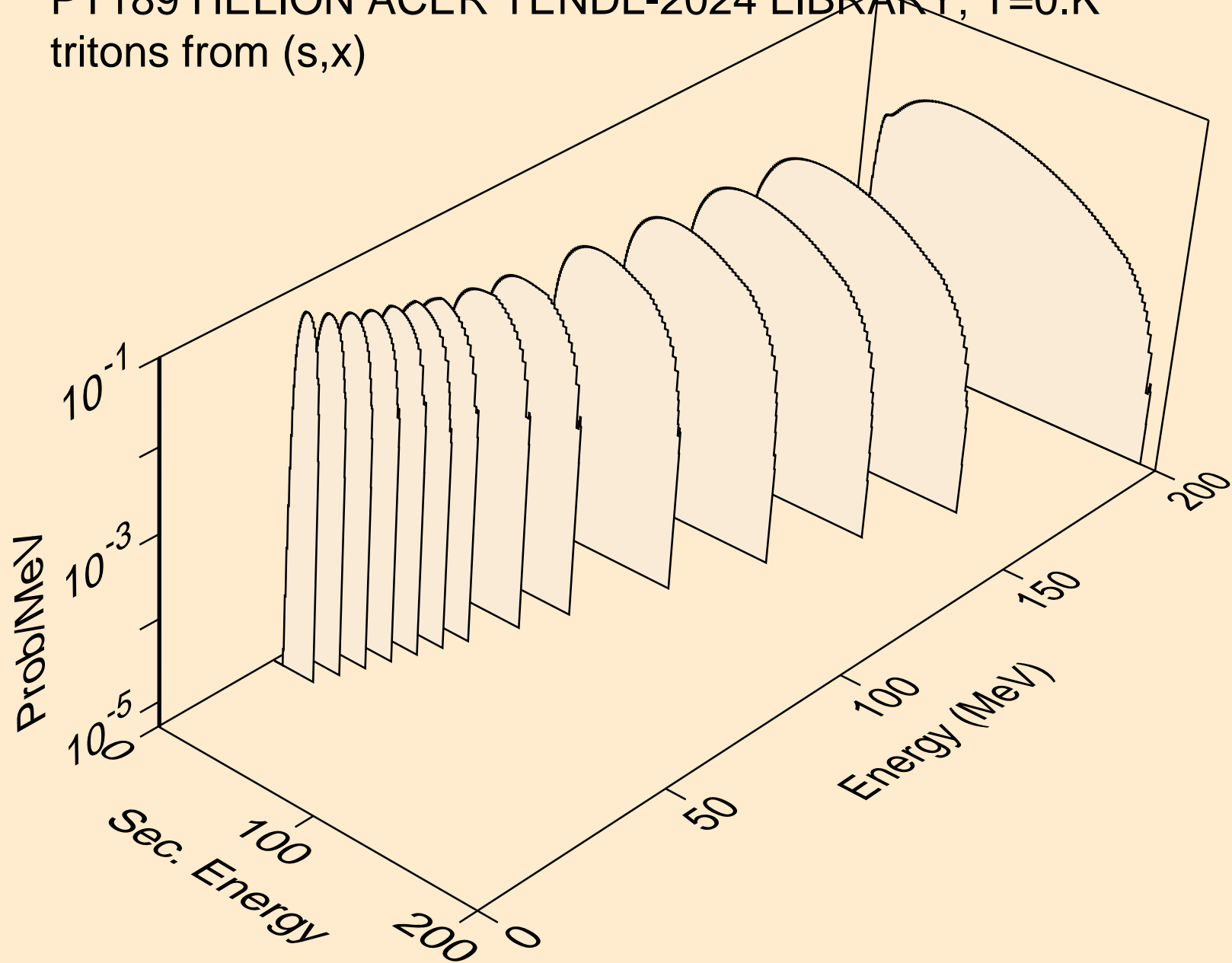
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,pd)



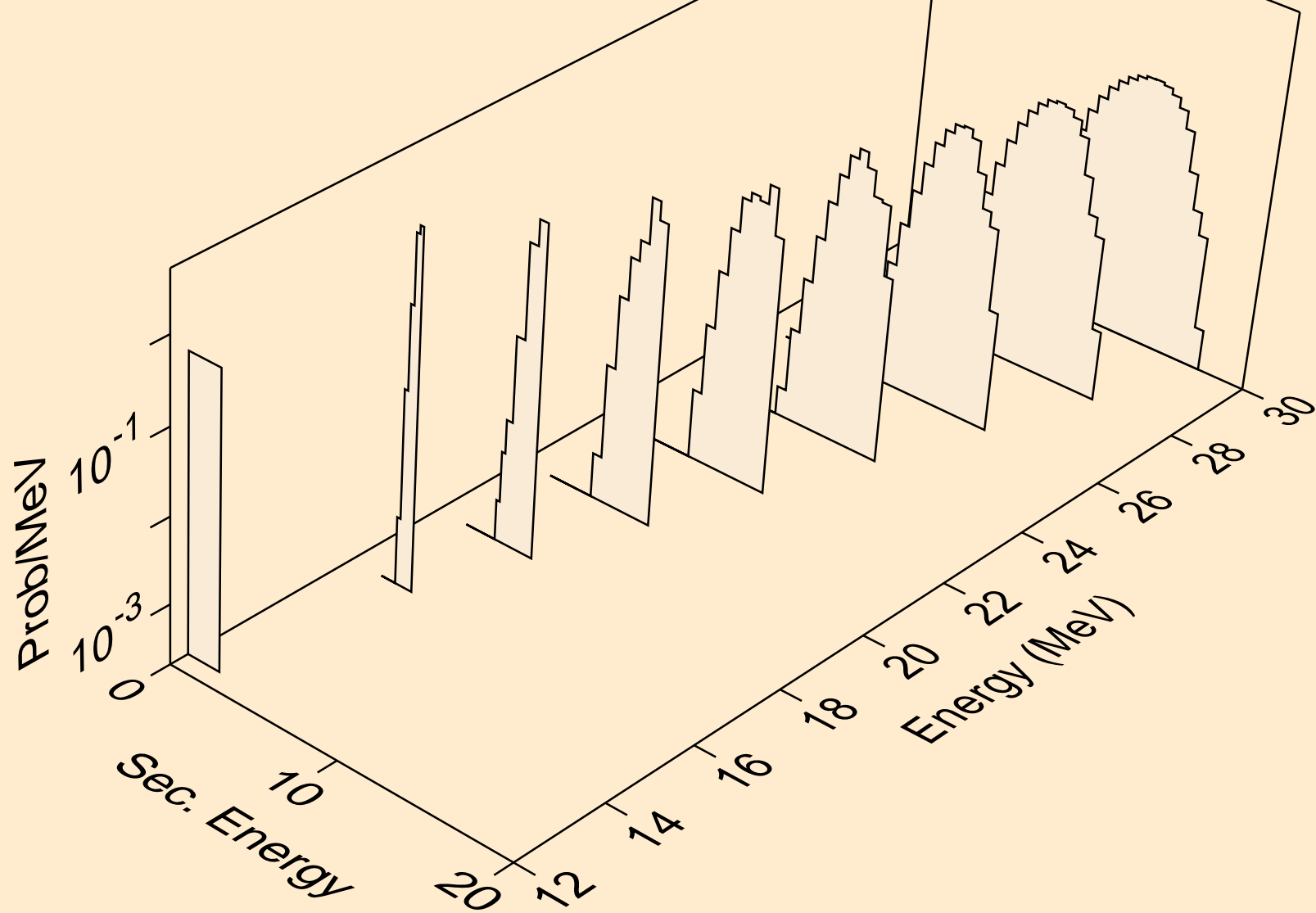
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deuterons from (s,da)



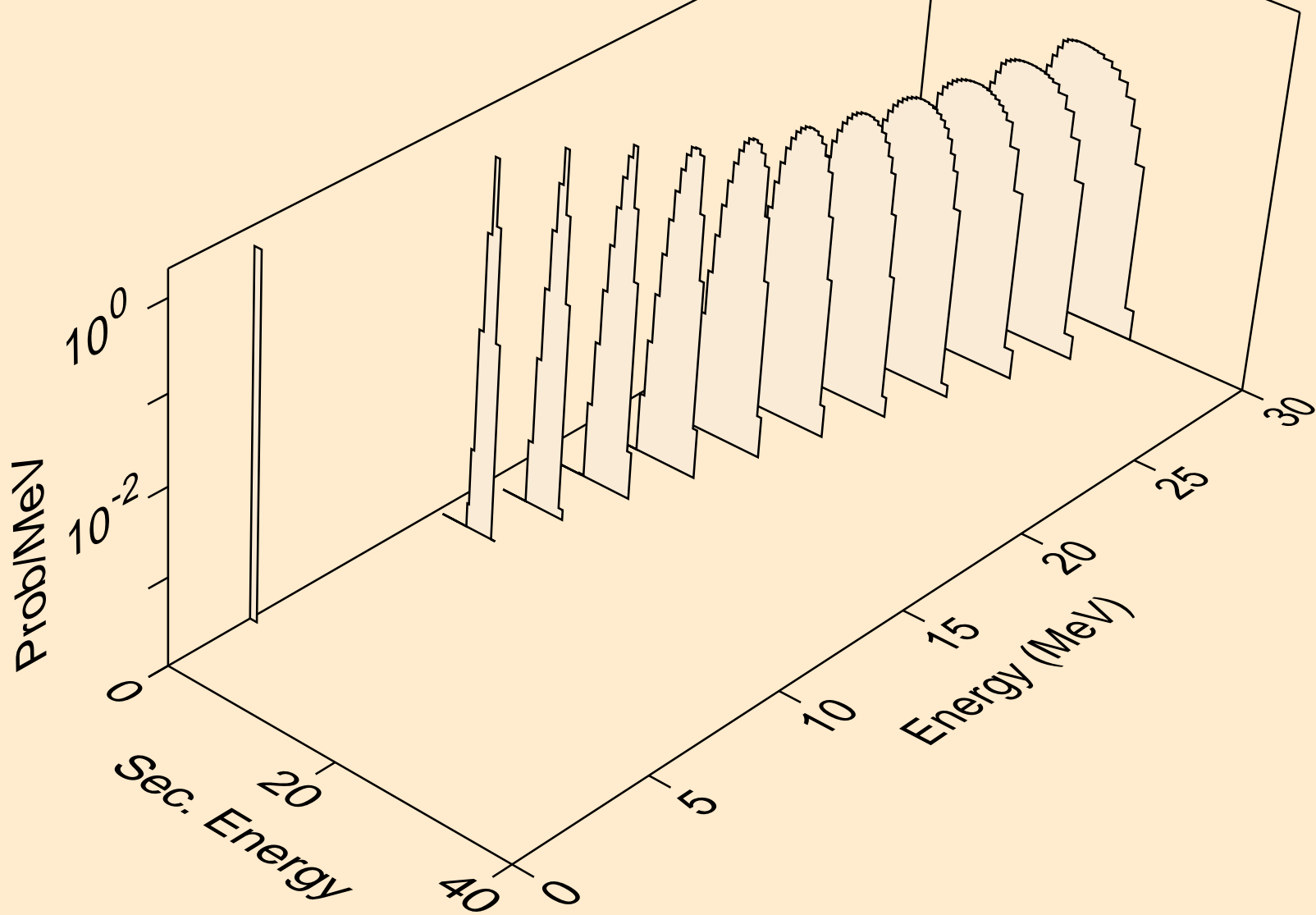
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,x)



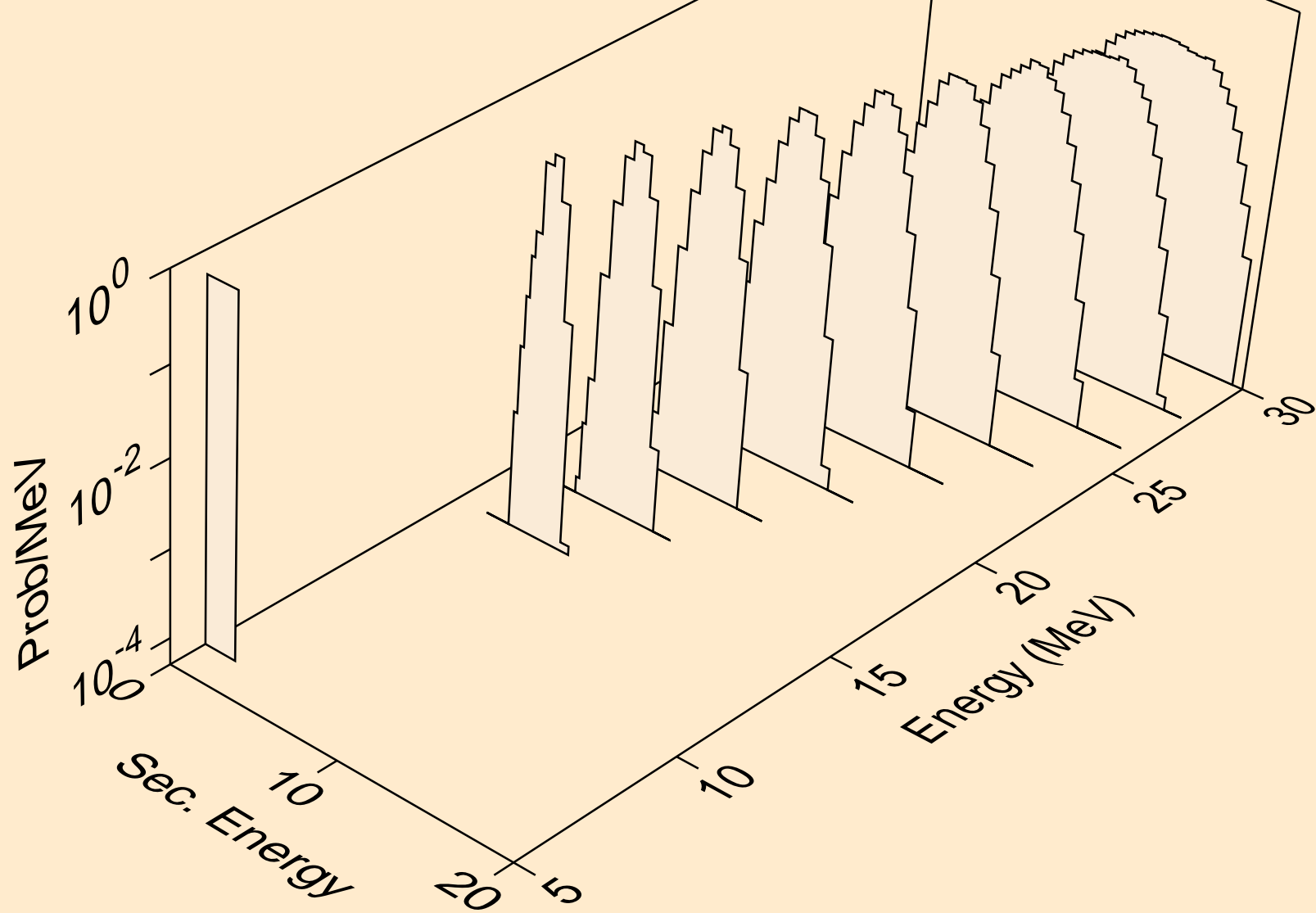
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,n*)t



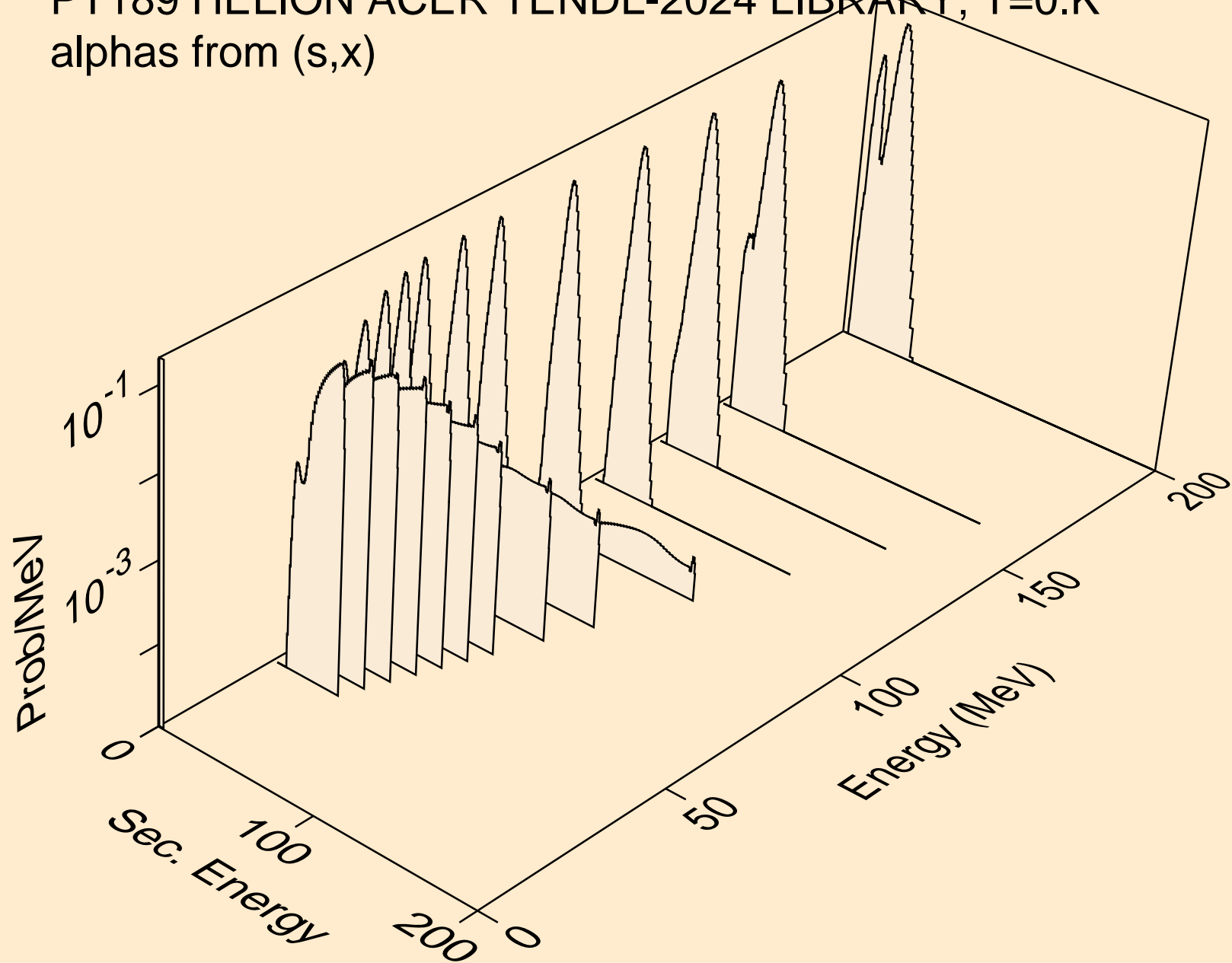
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tritons from (s,t)



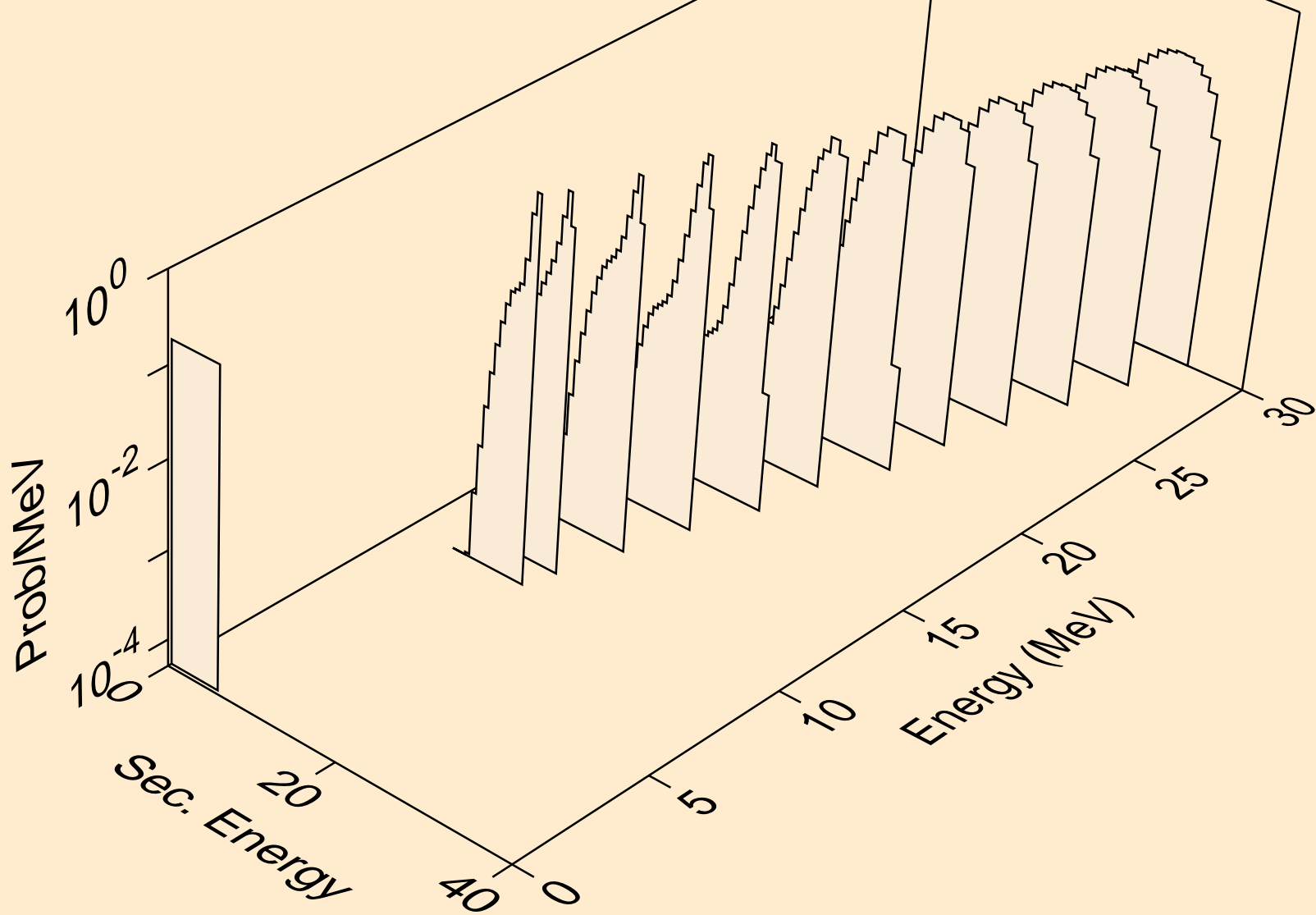
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tritons from (s,pt)



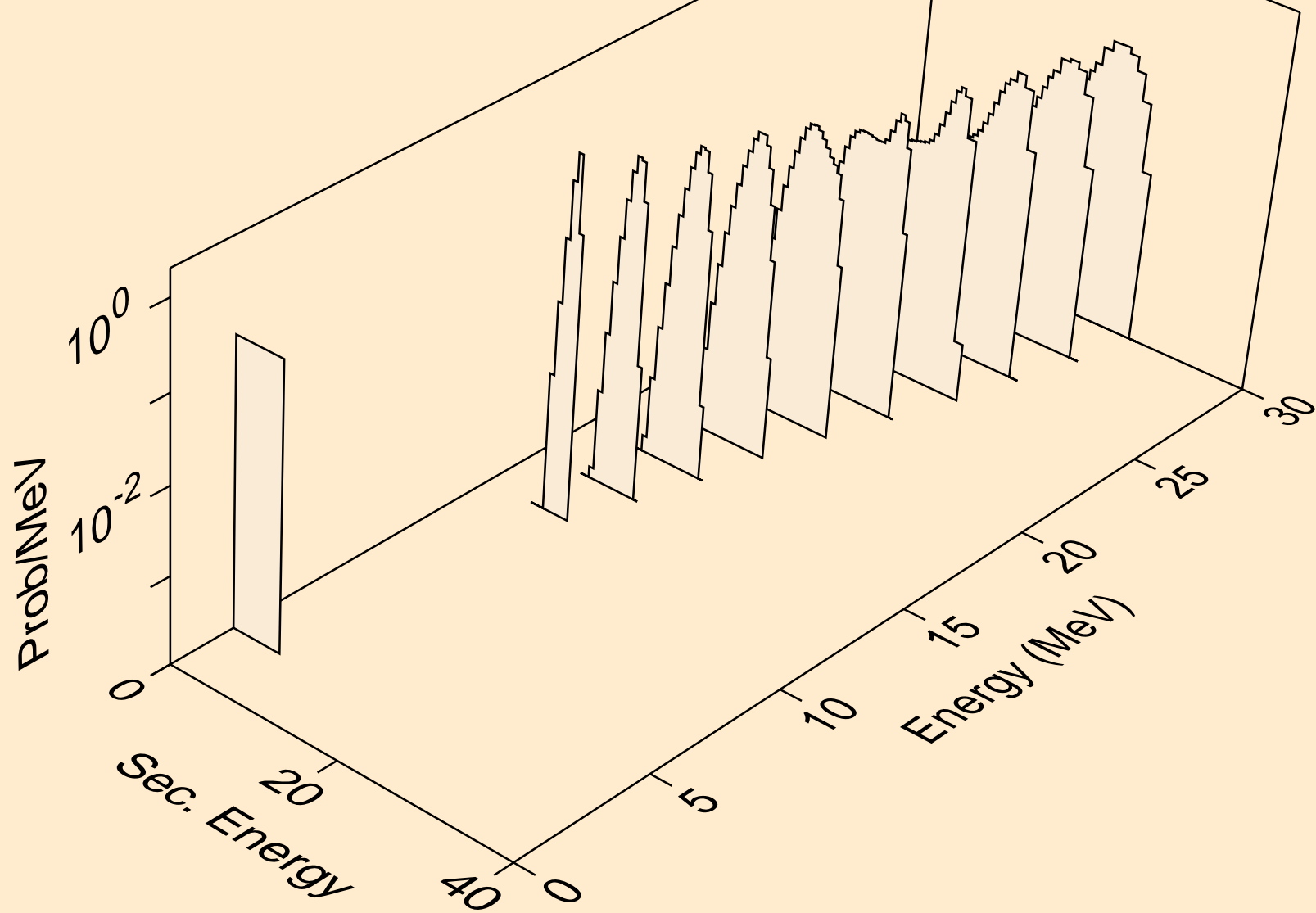
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,x)



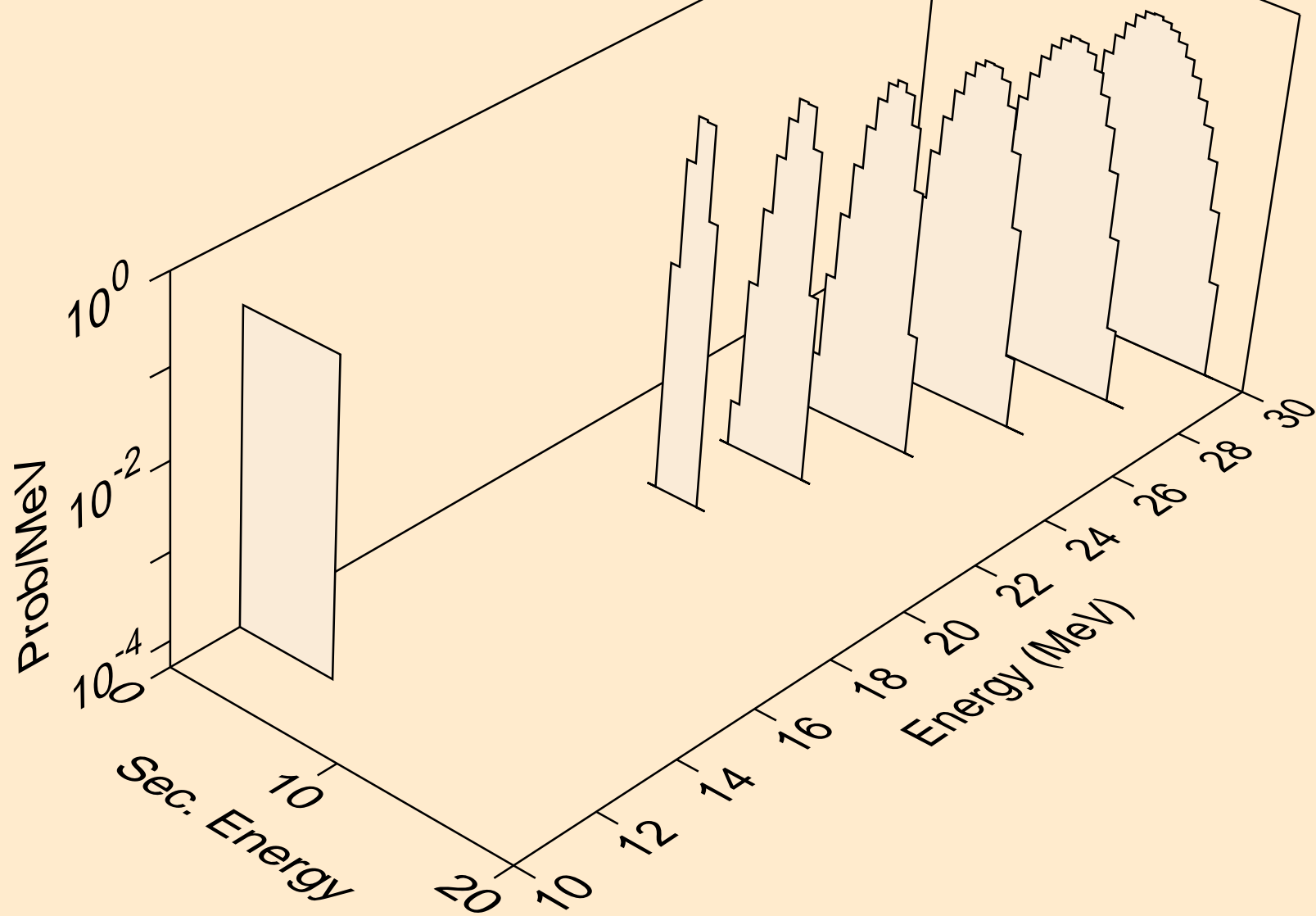
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)a



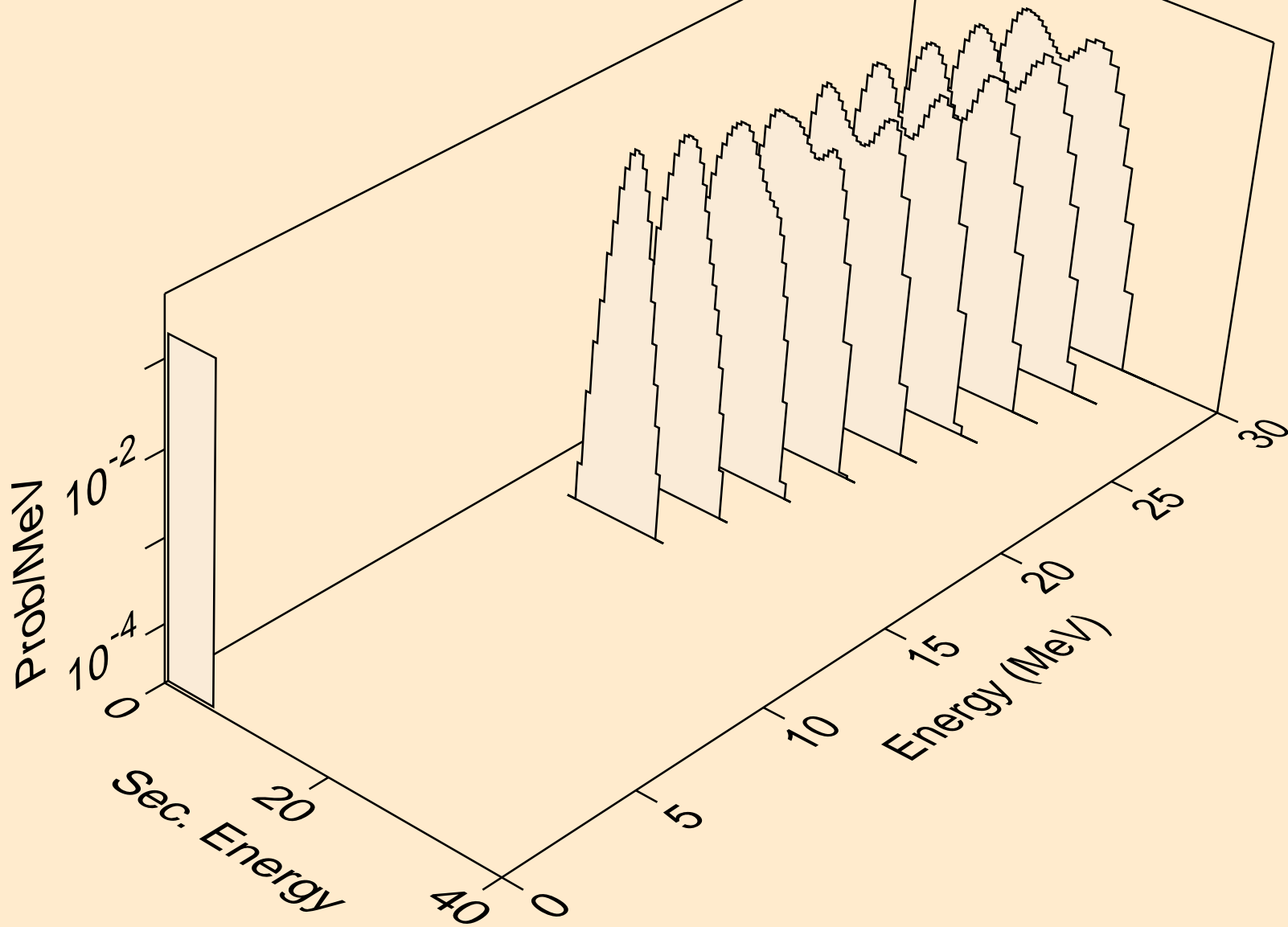
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alphas from (s,2n)a



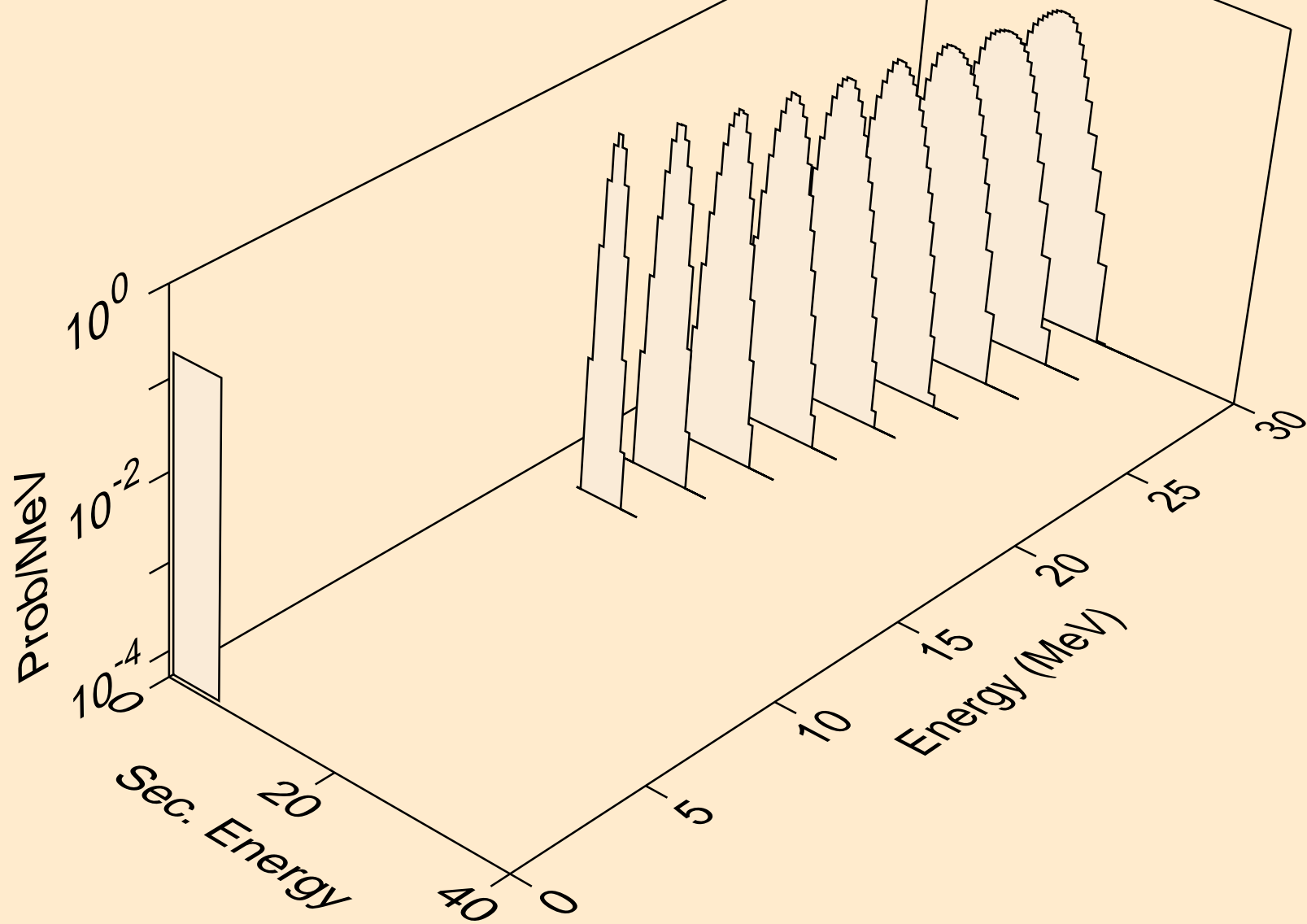
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,3n)a



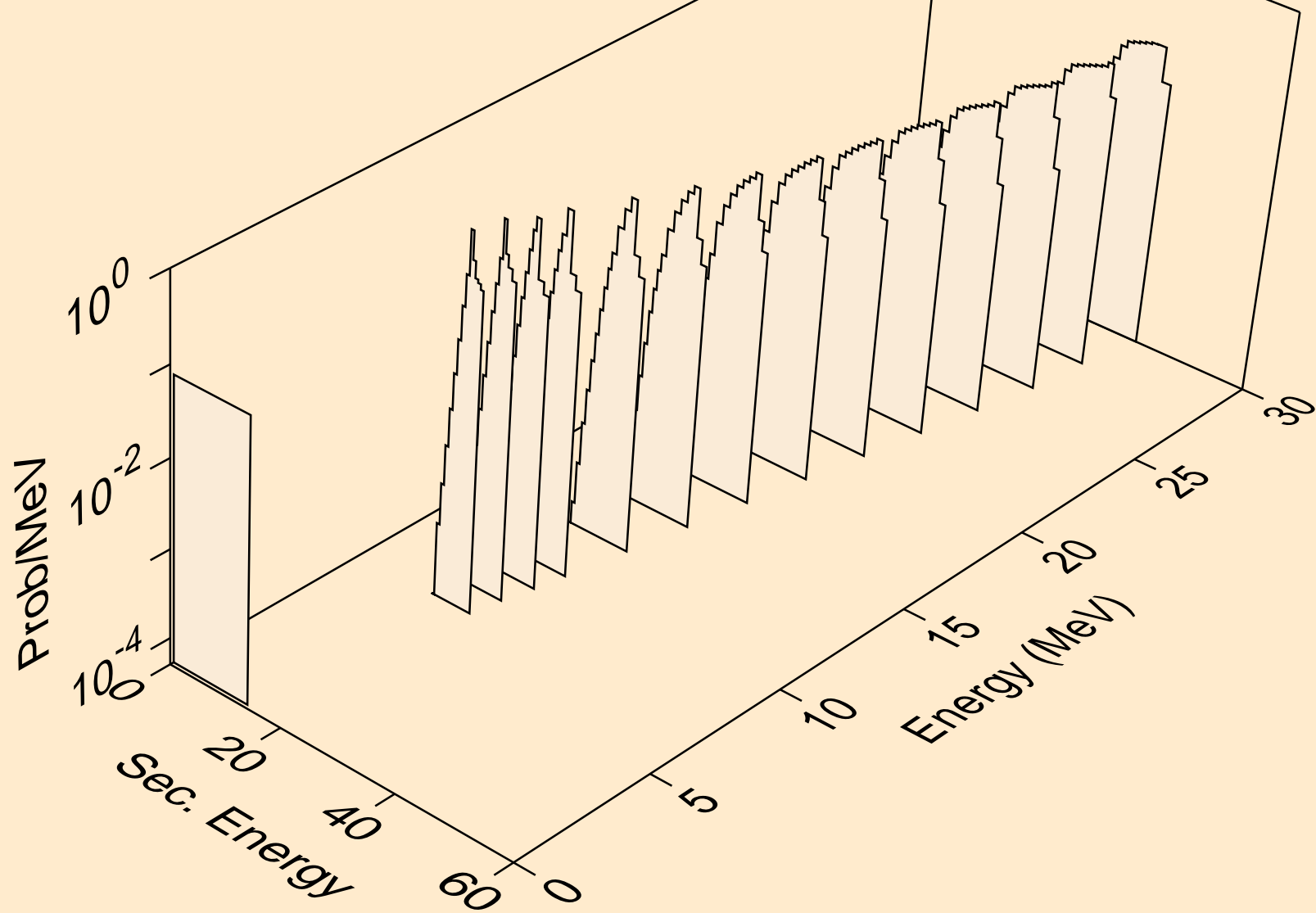
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alphas from (s,n*)2a



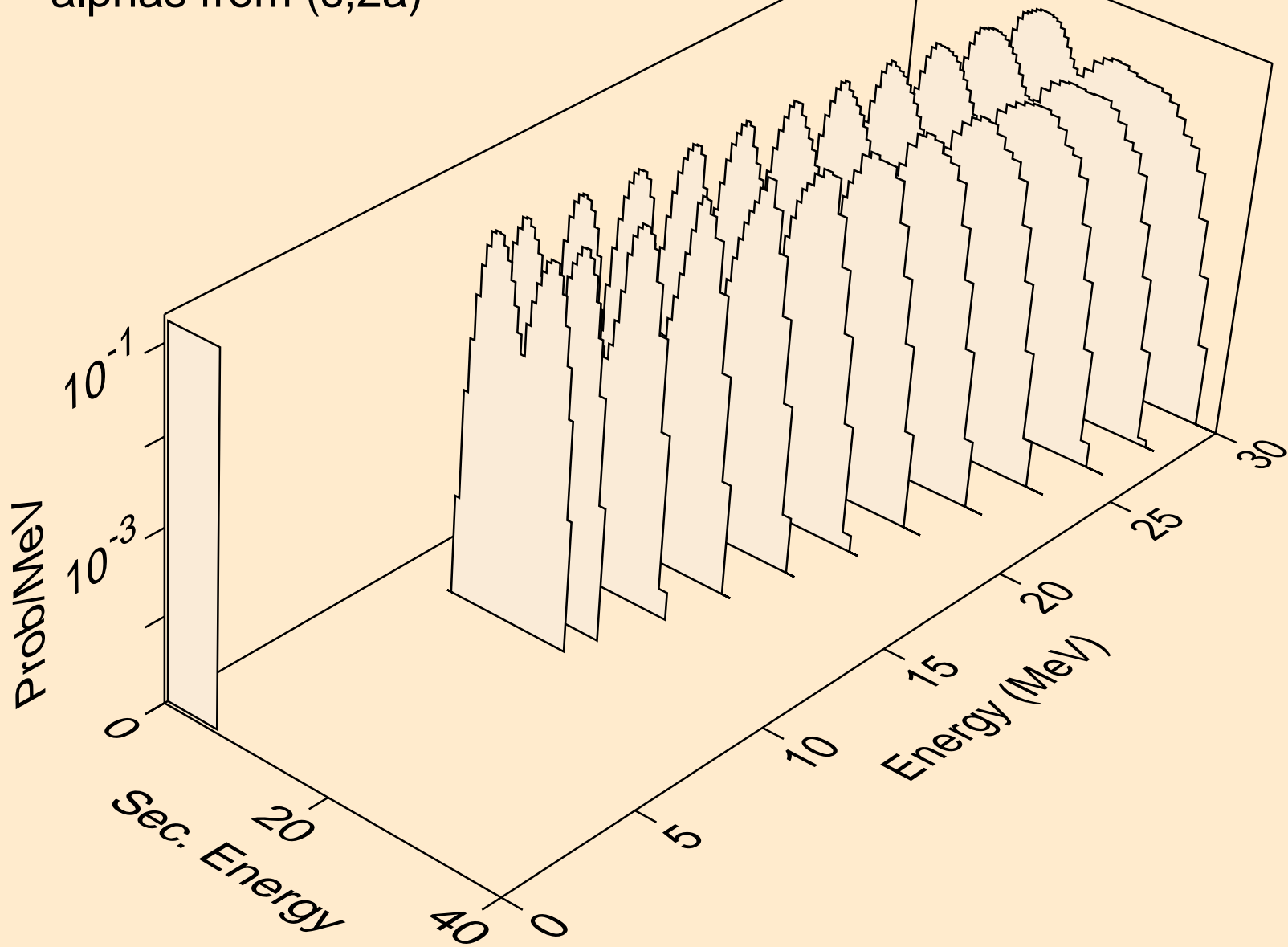
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,npa)



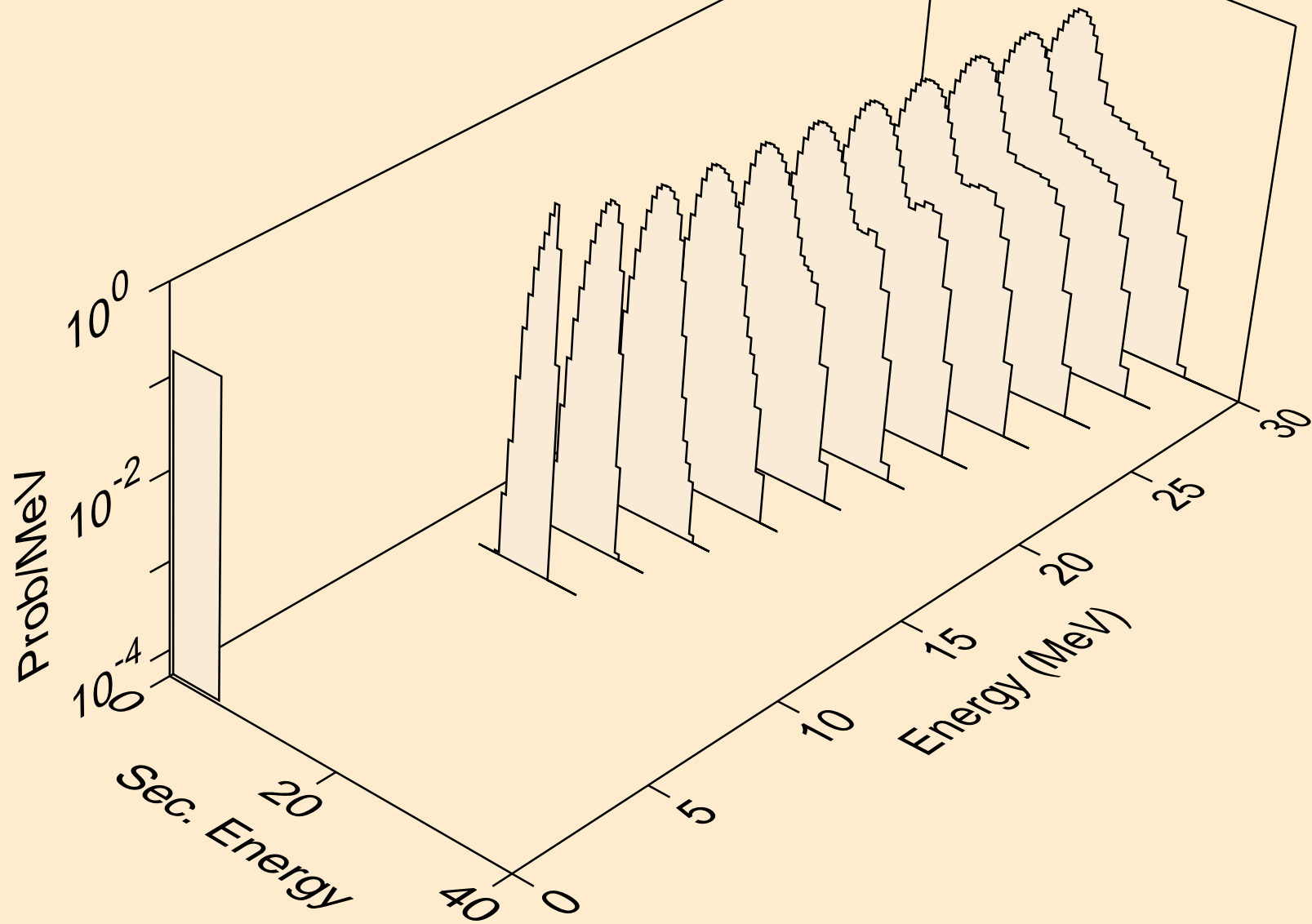
PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,a)



PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2a)



PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,pa)



PT189 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,da)

