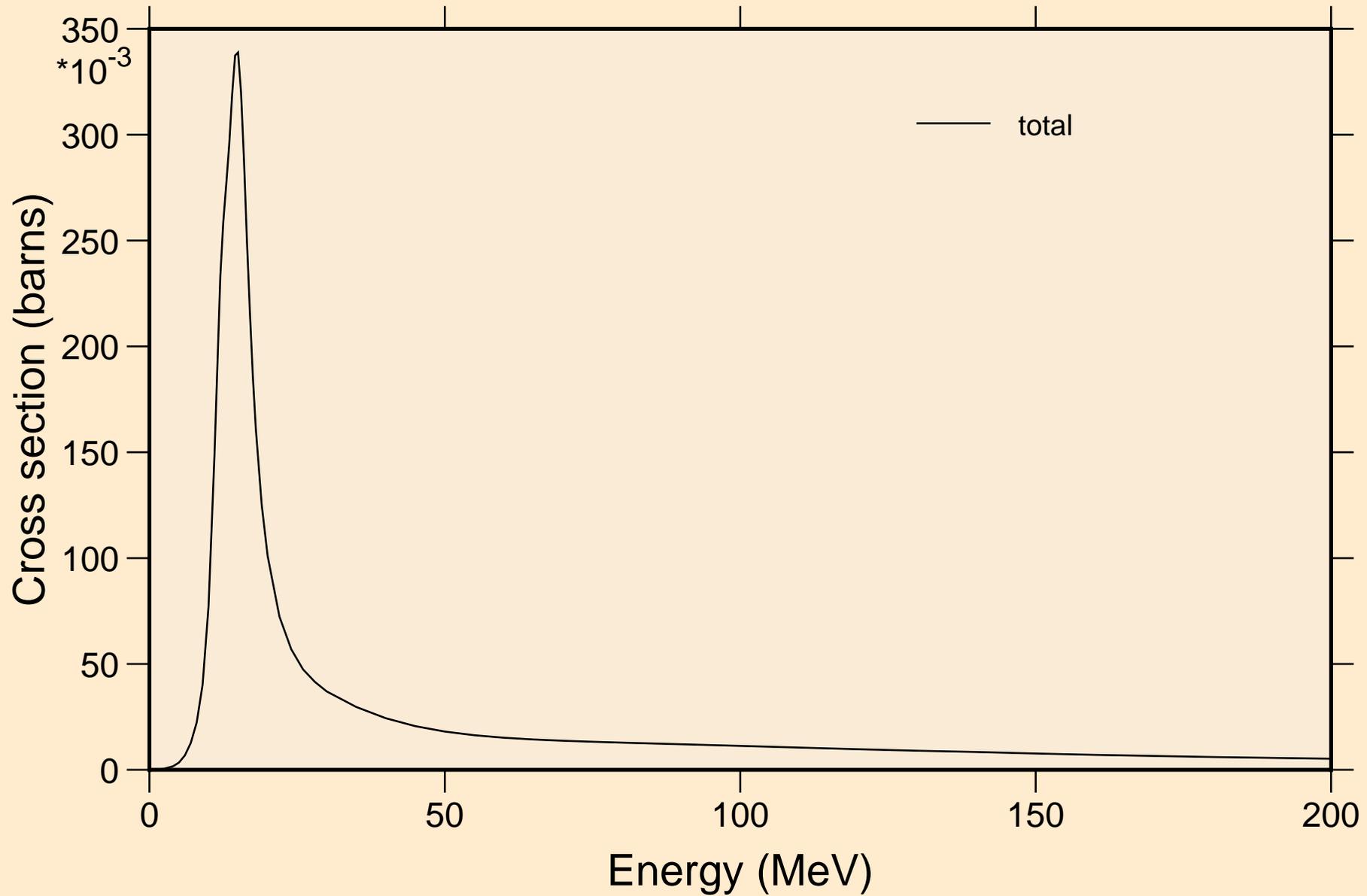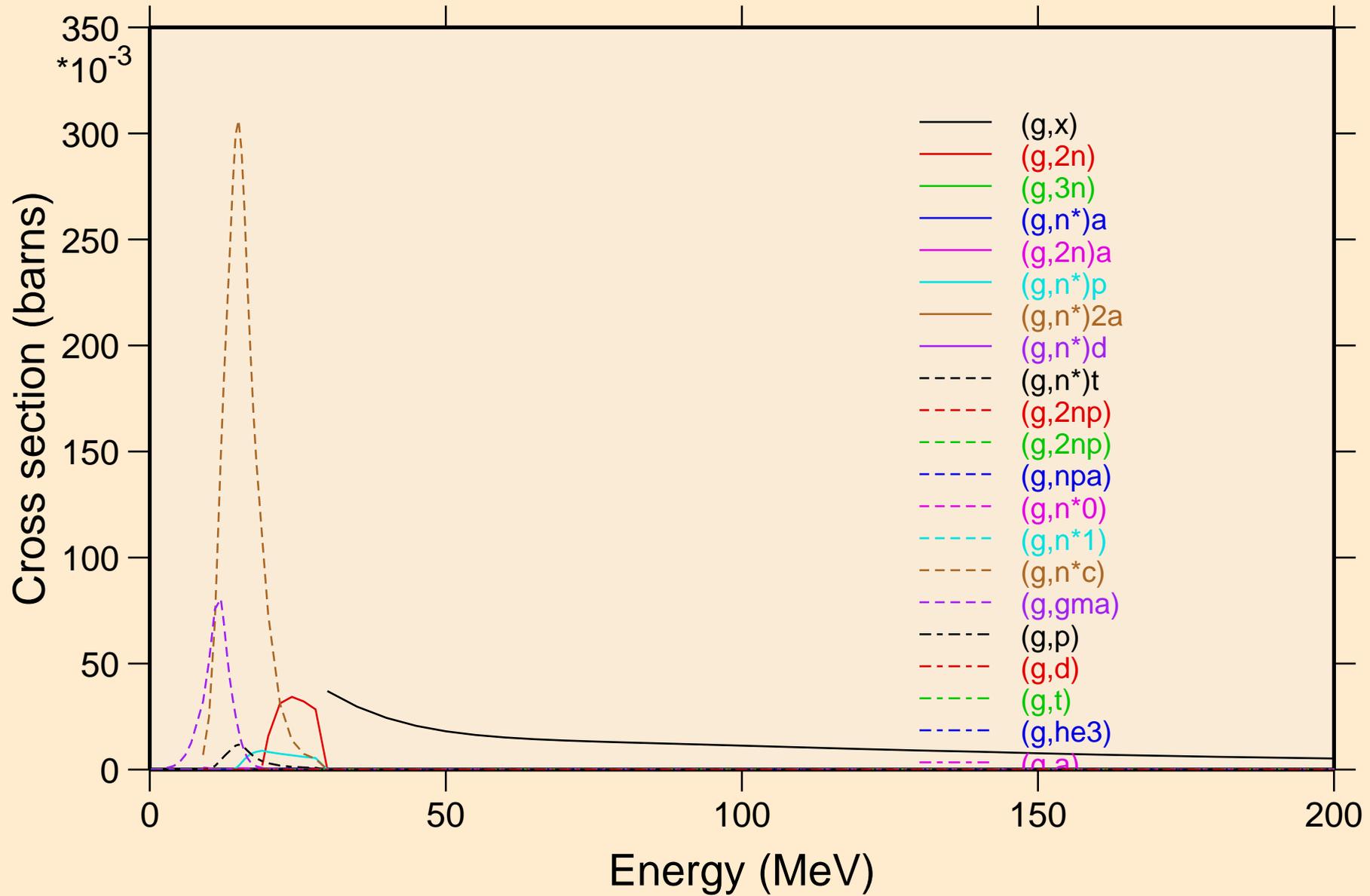RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections
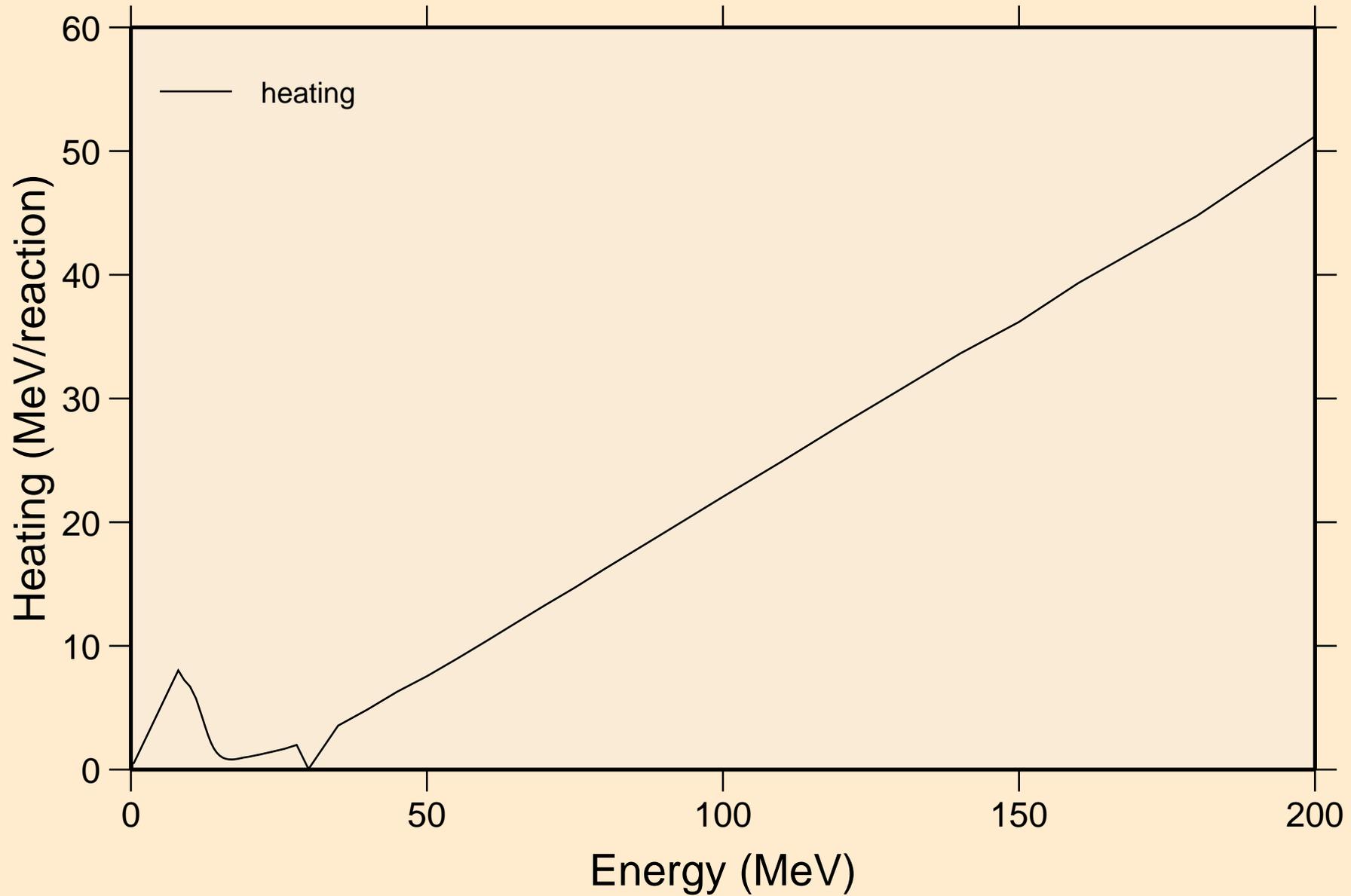
RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
Partial cross sections

Cross section (barns) vs Energy (MeV)

Legend:
- (g,x) — black solid
- (g,2n) — red solid
- (g,3n) — green solid
- (g,n*)a — blue solid
- (g,2n)a — magenta solid
- (g,n*)p — cyan solid
- (g,n*)2a — brown solid
- (g,n*)d — violet solid
- (g,n*)t — black dashed
- (g,2np) — red dashed
- (g,2np) — green dashed
- (g,npa) — blue dashed
- (g,n*0) — magenta dashed
- (g,n*1) — cyan dashed
- (g,n*c) — brown dashed
- (g,gma) — violet dashed
- (g,p) — black dash-dot
- (g,d) — red dash-dot
- (g,t) — green dash-dot
- (g,he3) — blue dash-dot
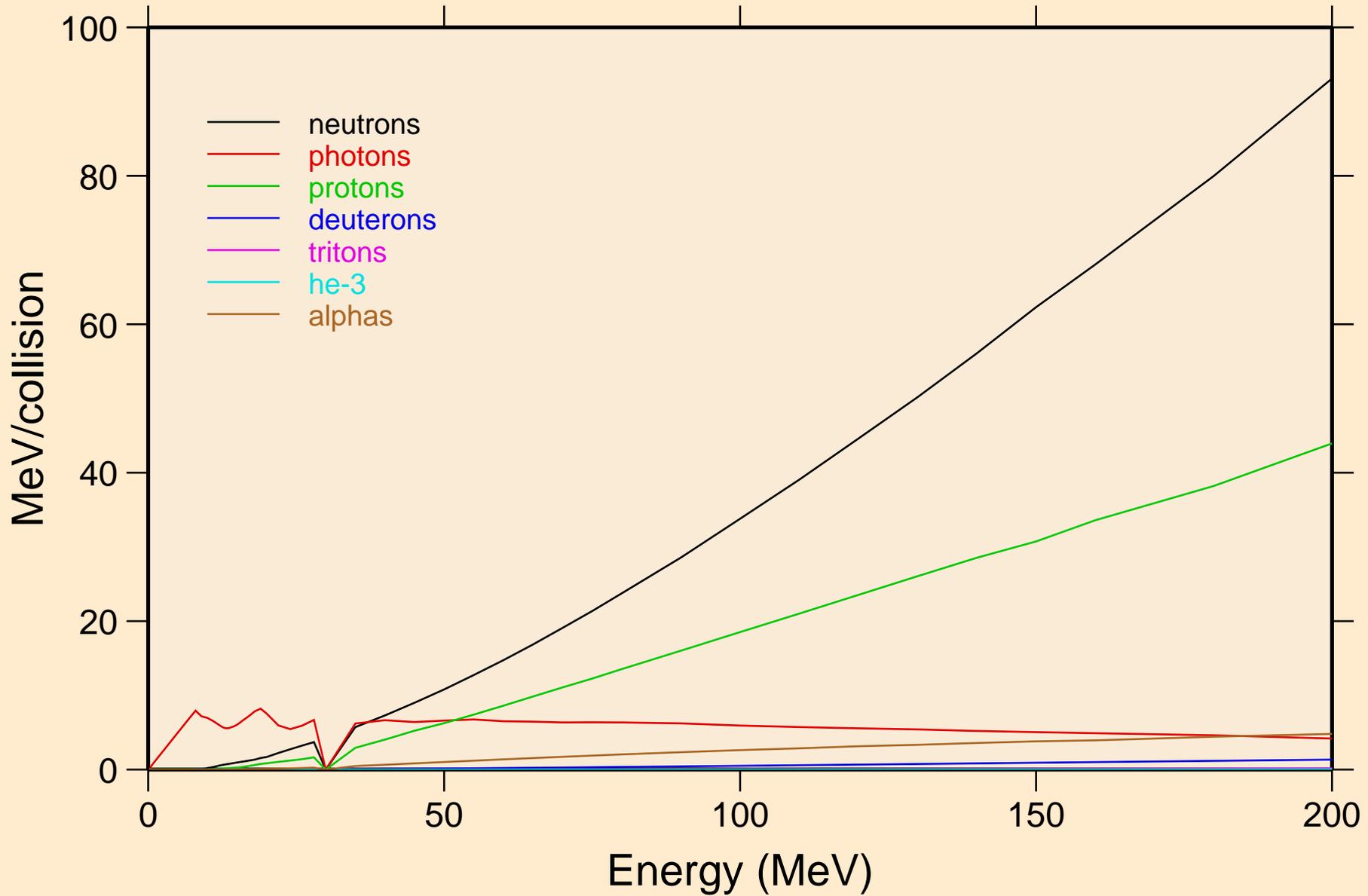- (g,a) — magenta dash-dot

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
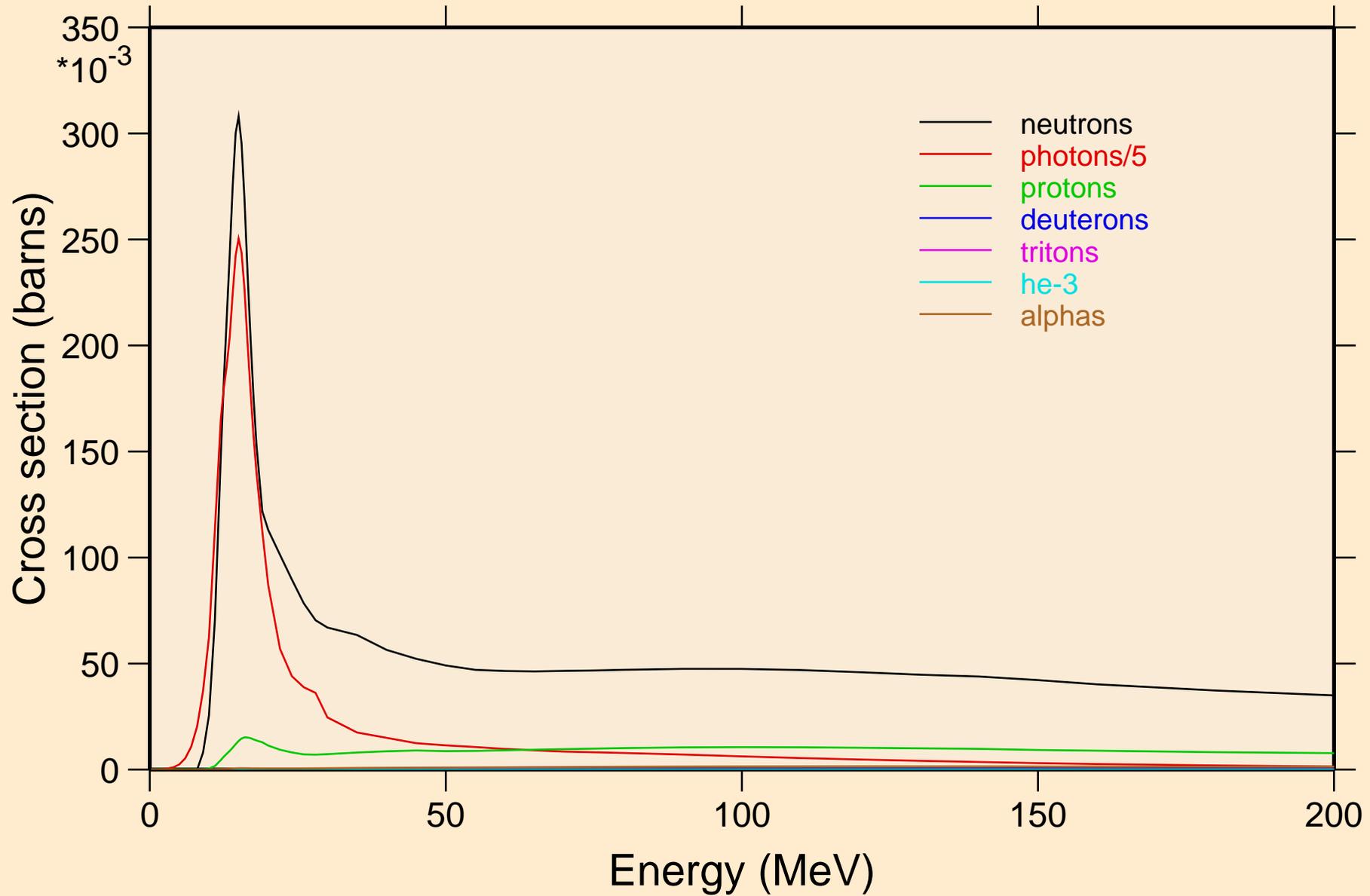Heating
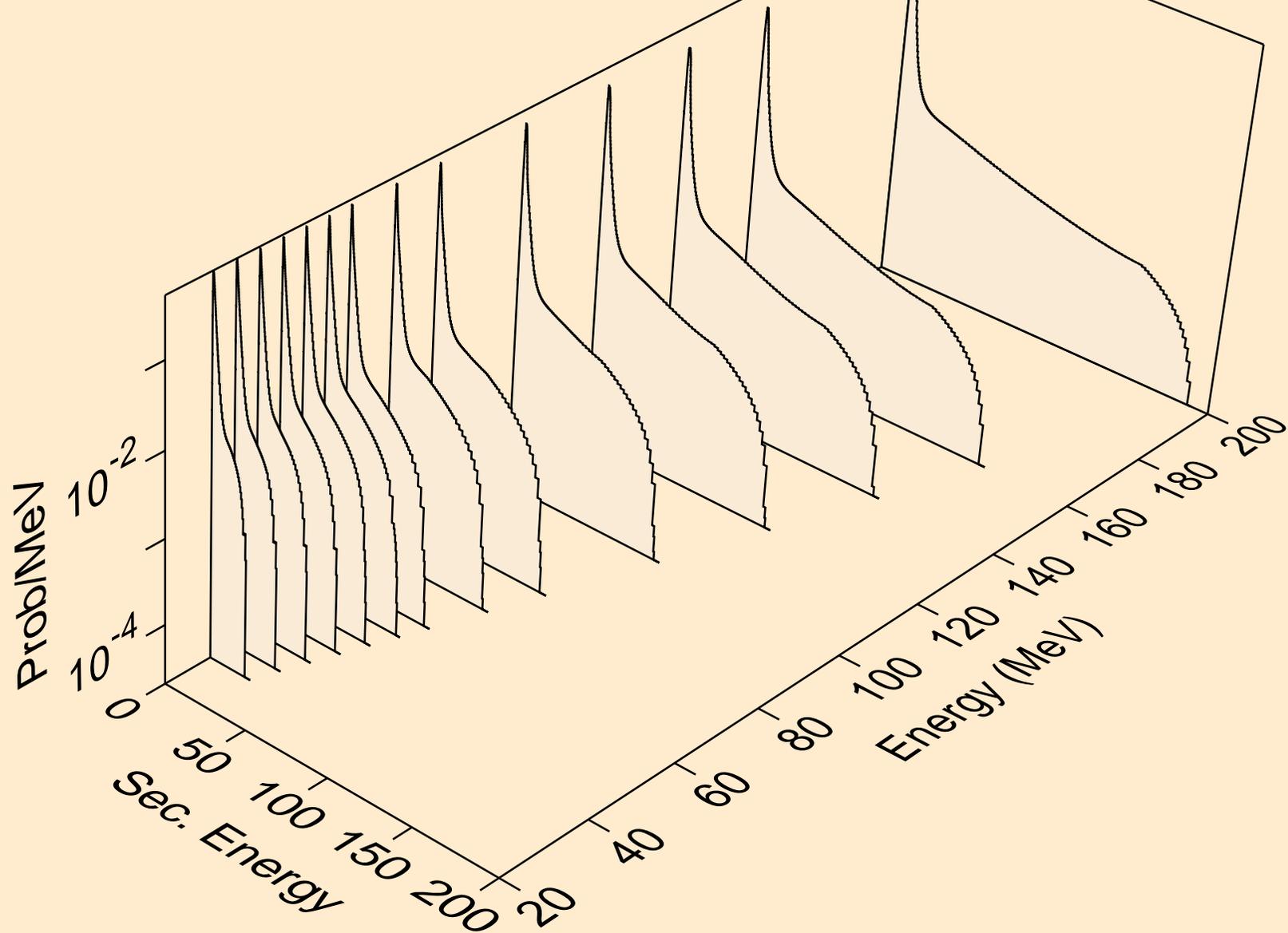
RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
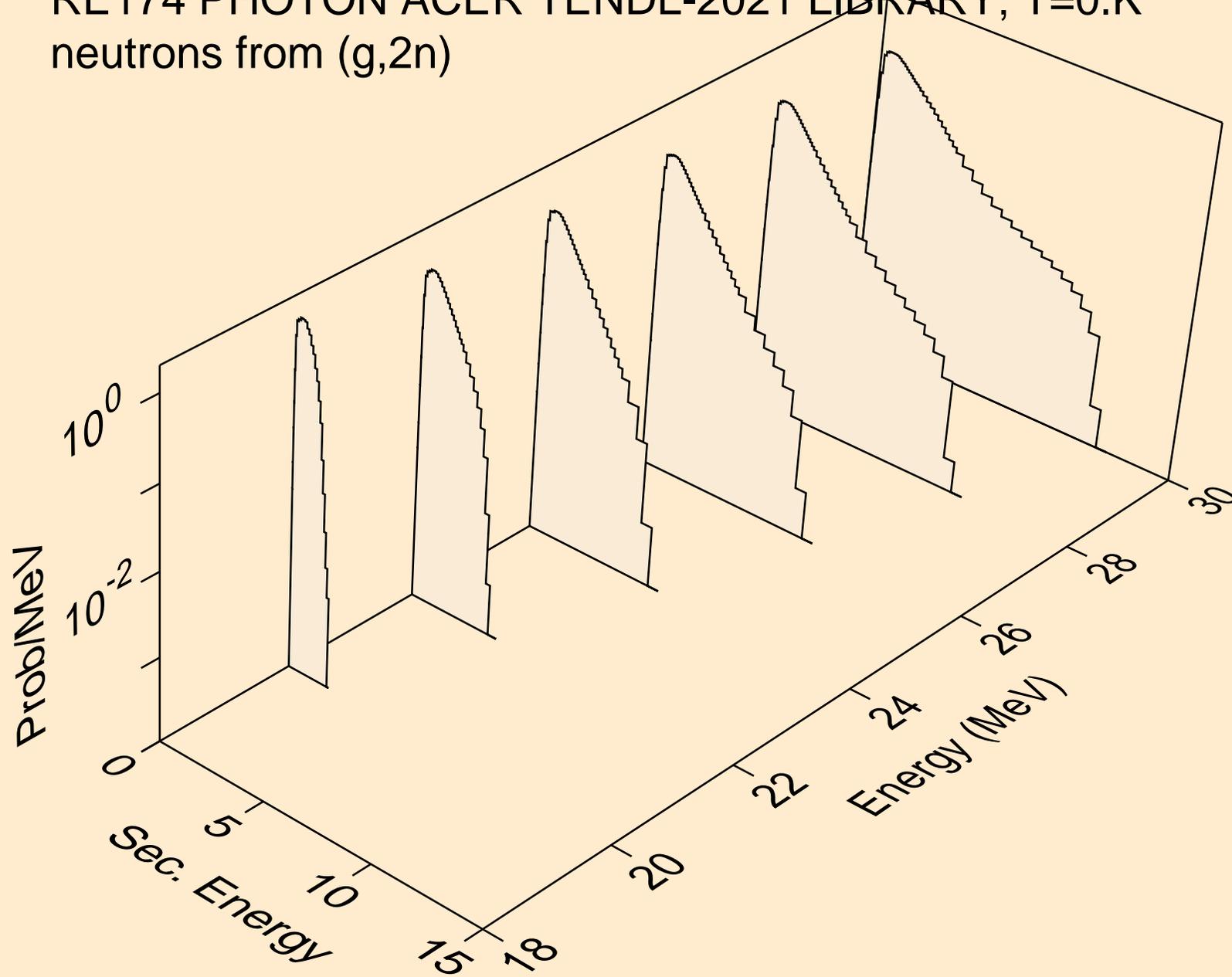Particle heating contributions

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
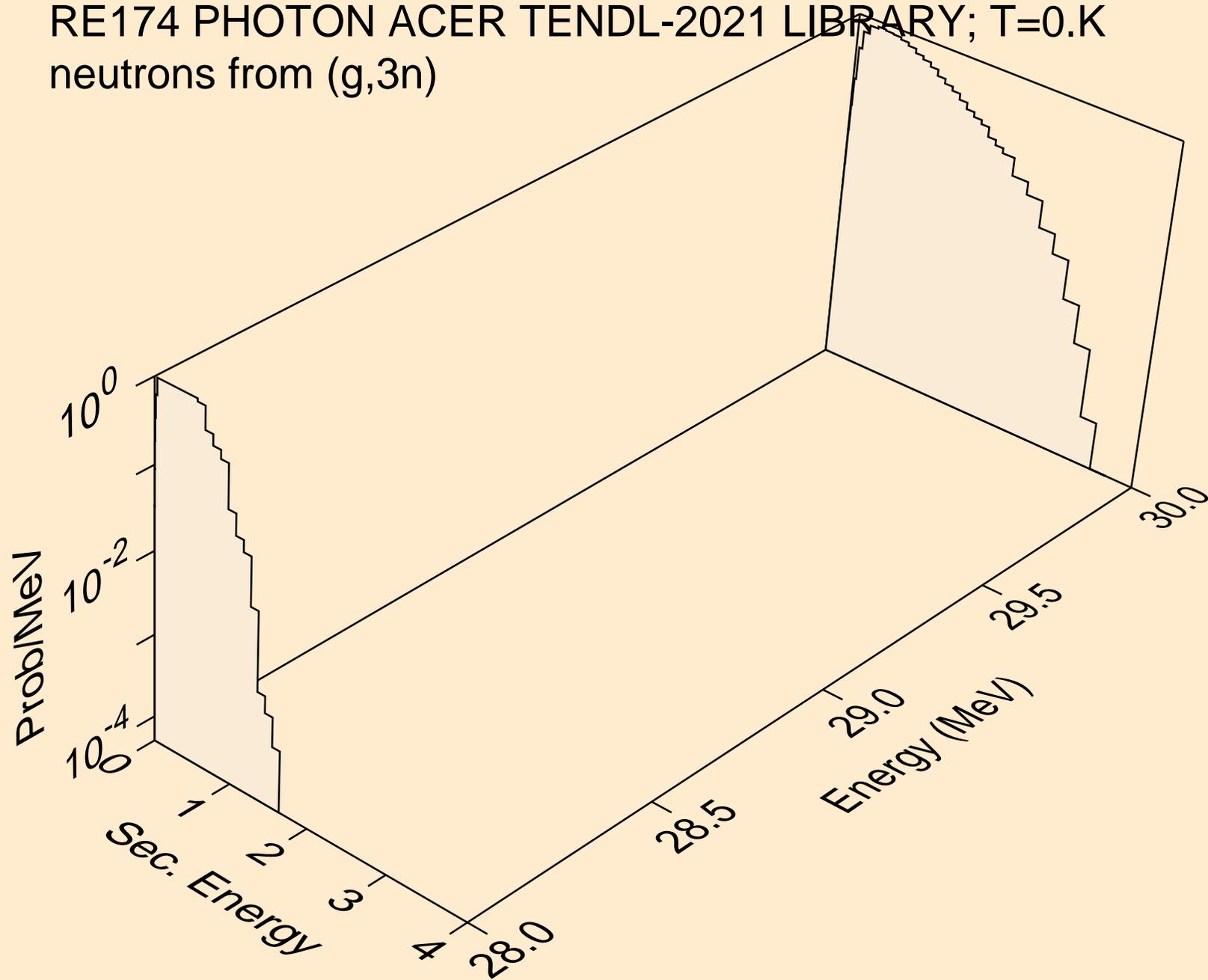Particle production cross sections

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
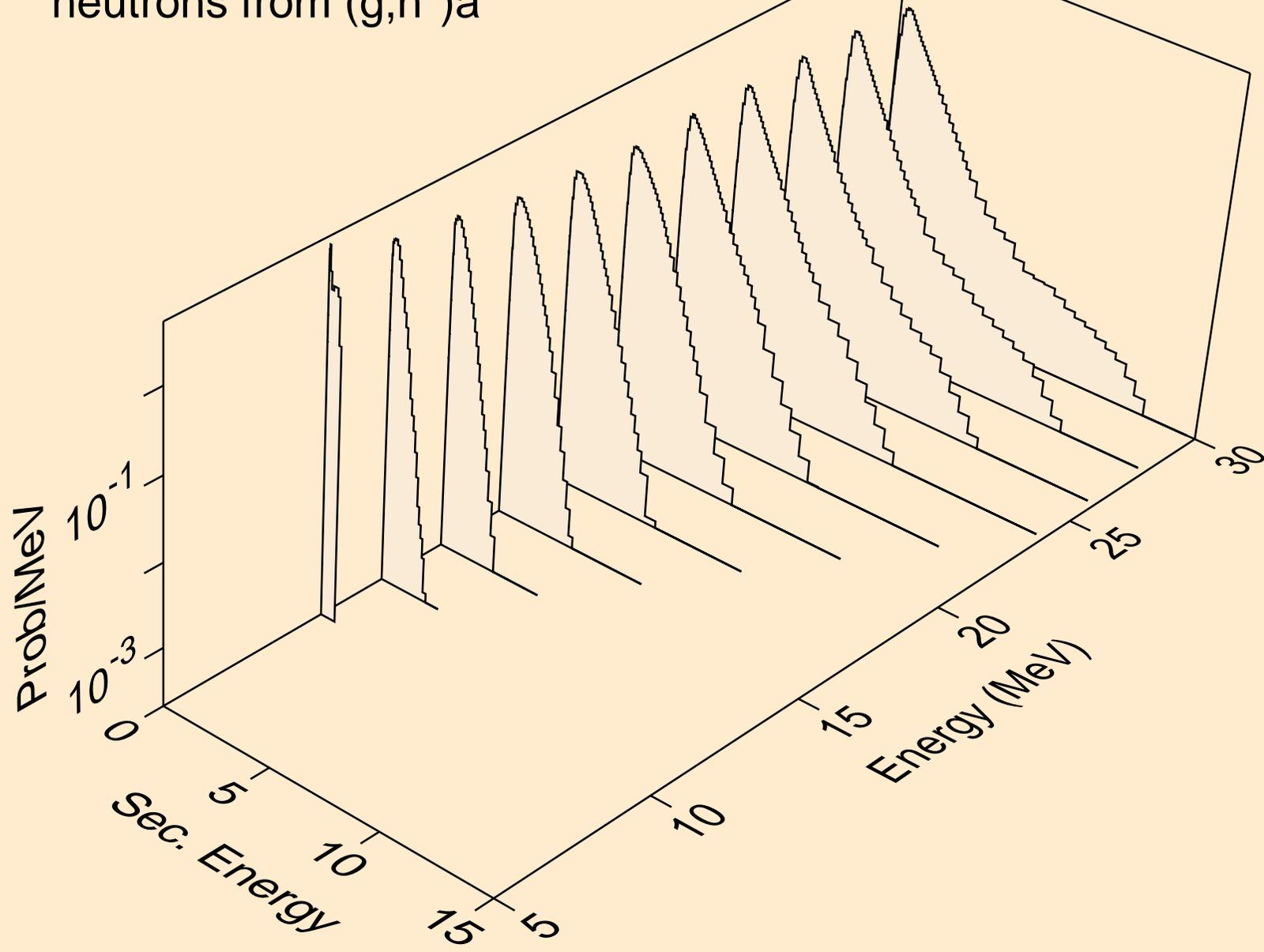neutrons from (g,x)

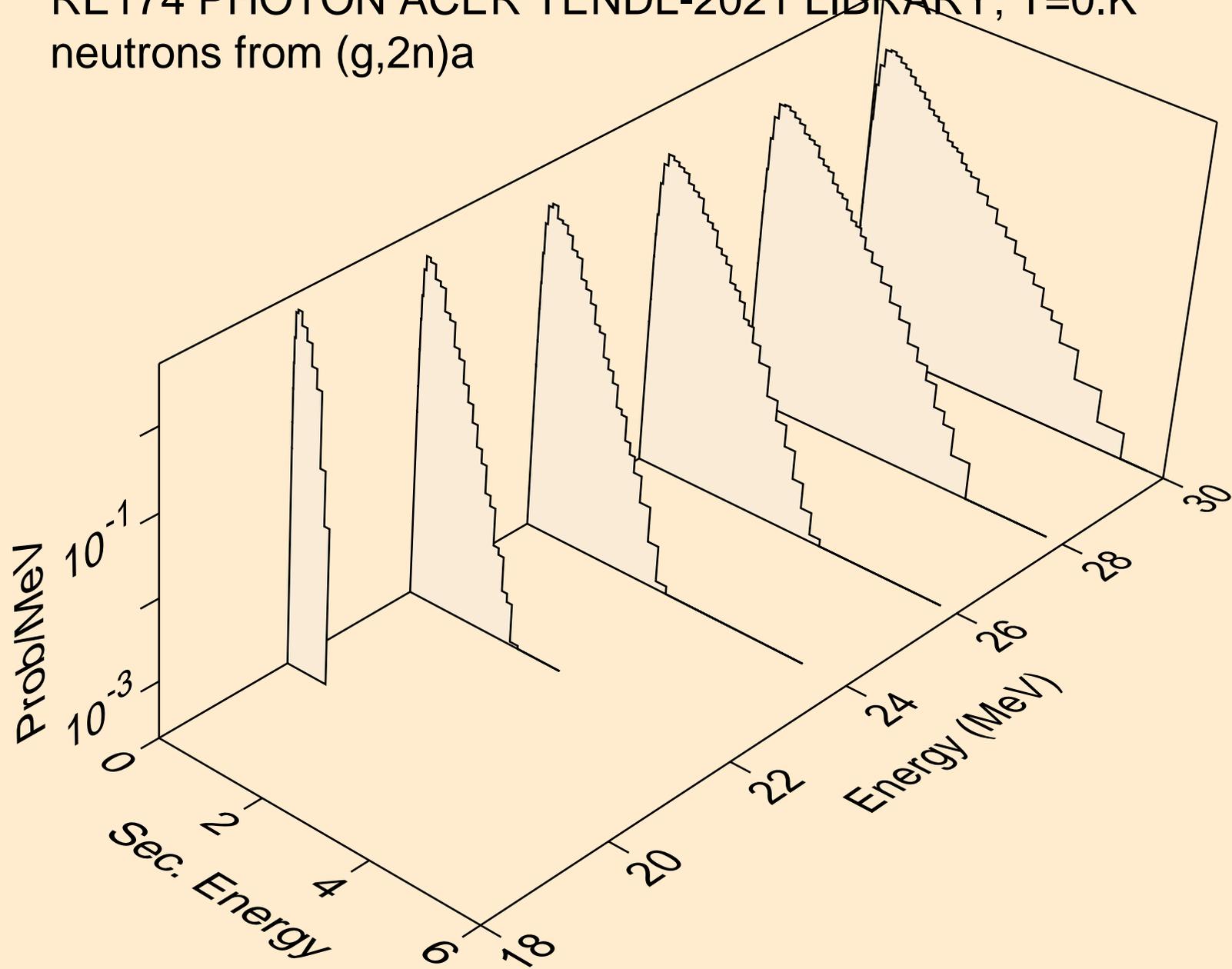RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,2n)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
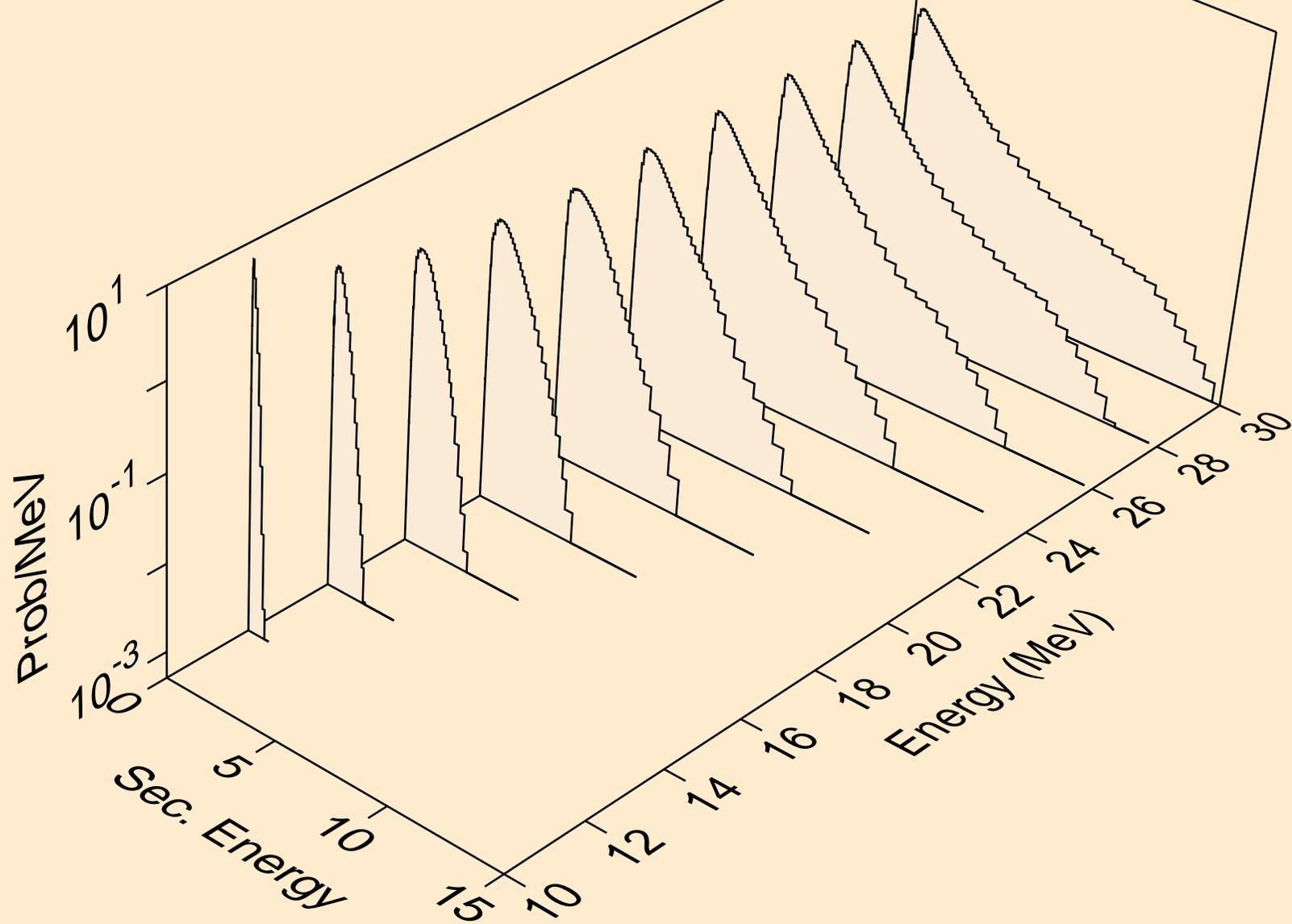neutrons from (g,3n)

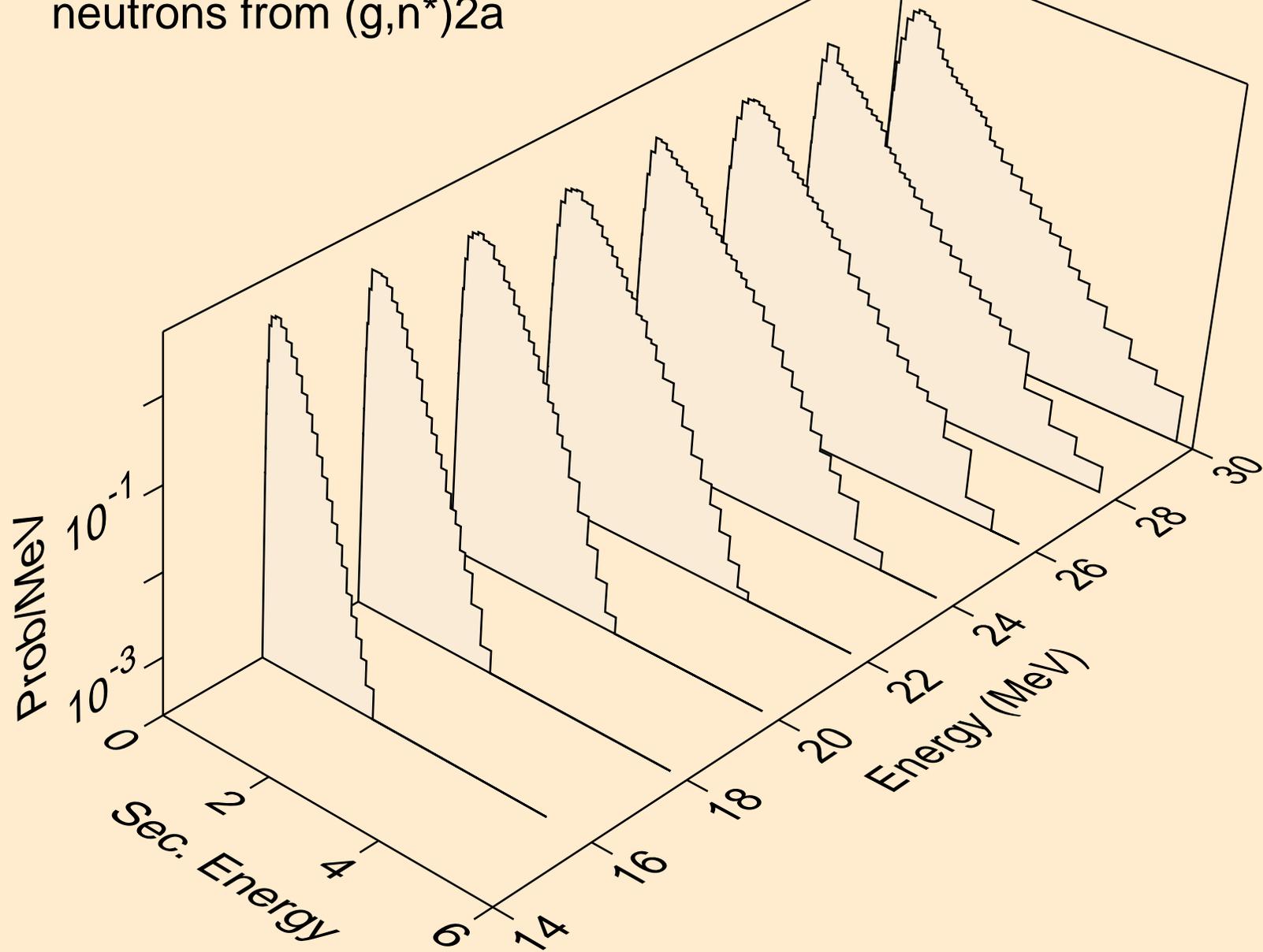RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,n*)a

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
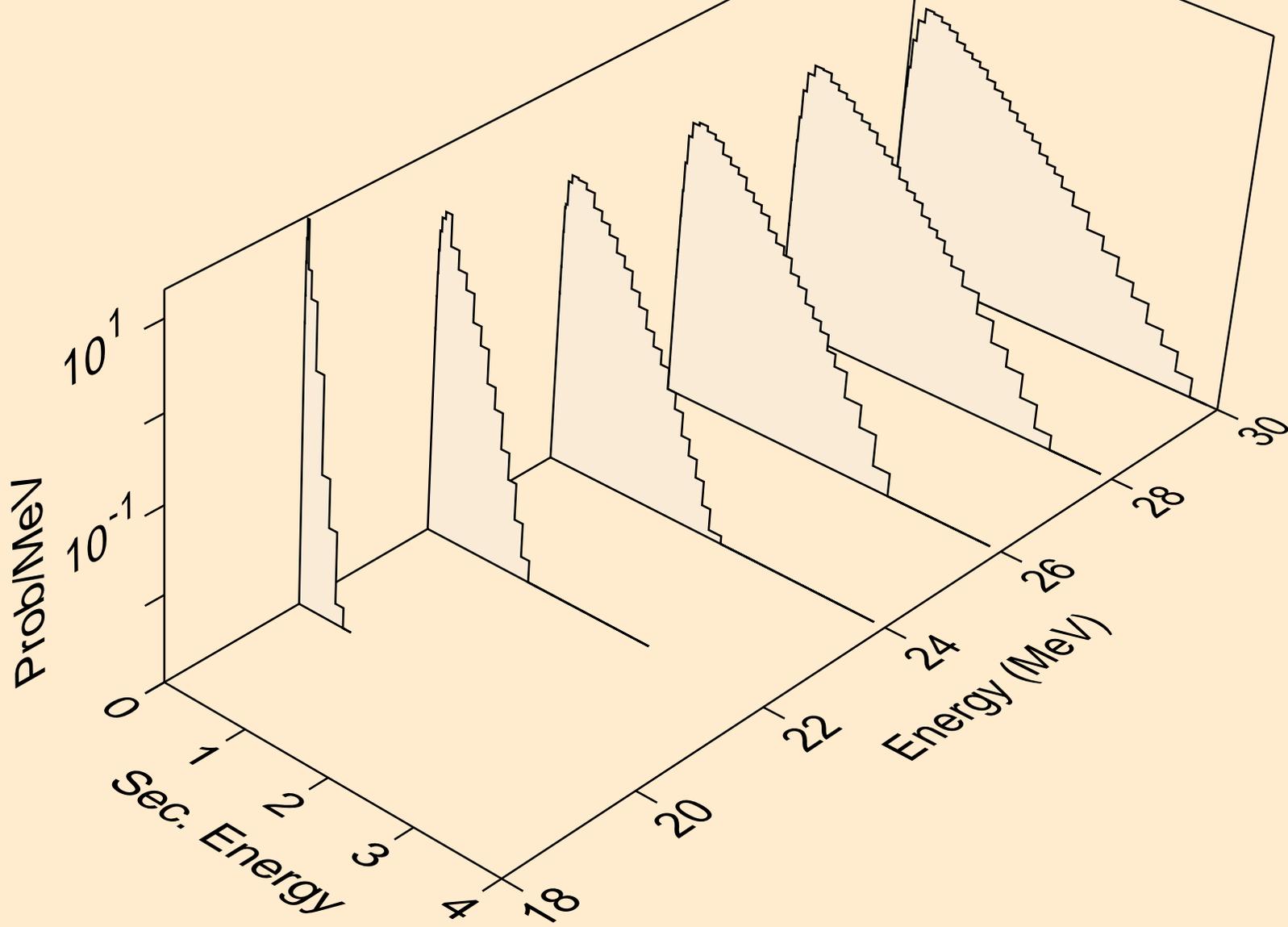neutrons from (g,2n)a

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
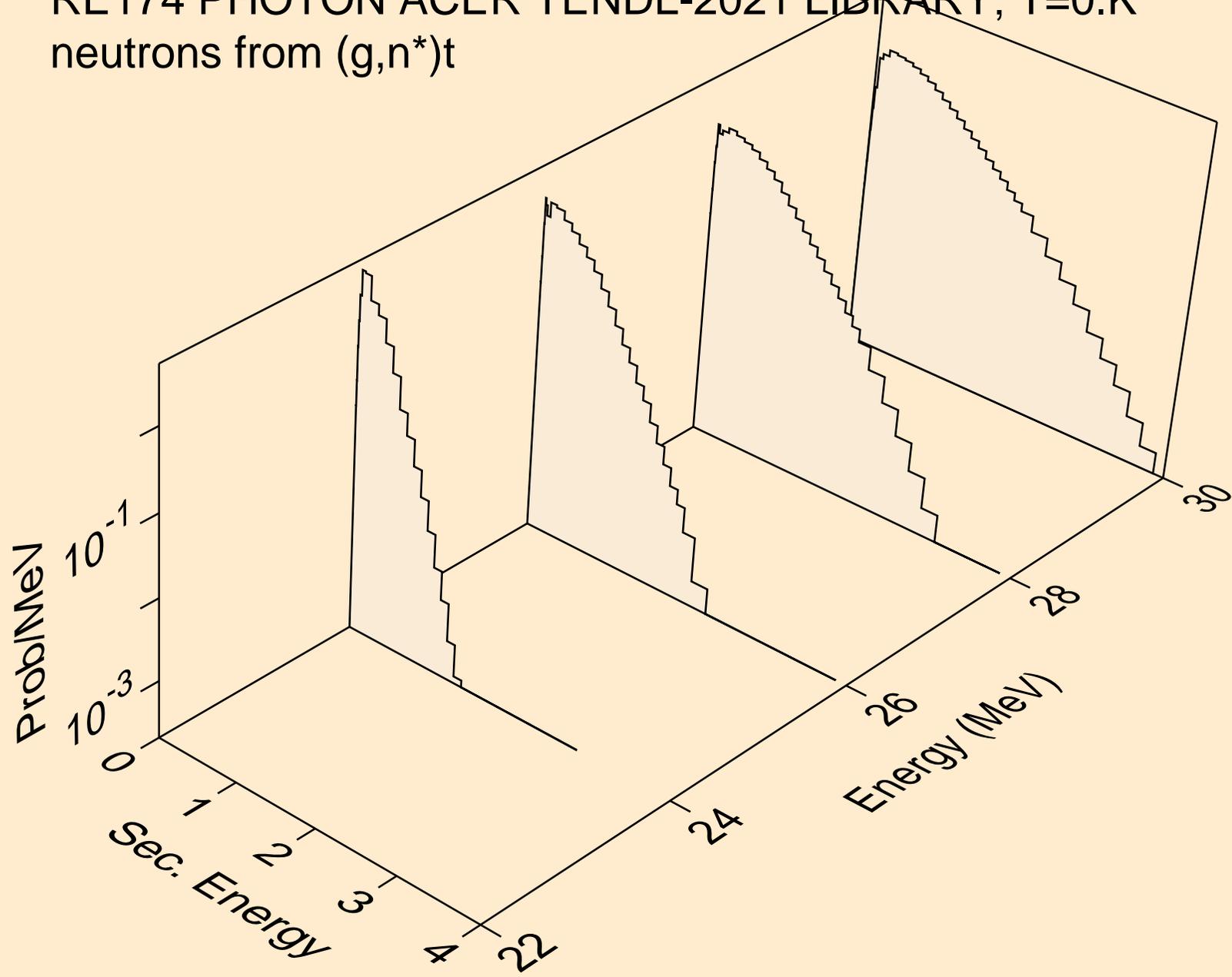neutrons from (g,n*)p

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
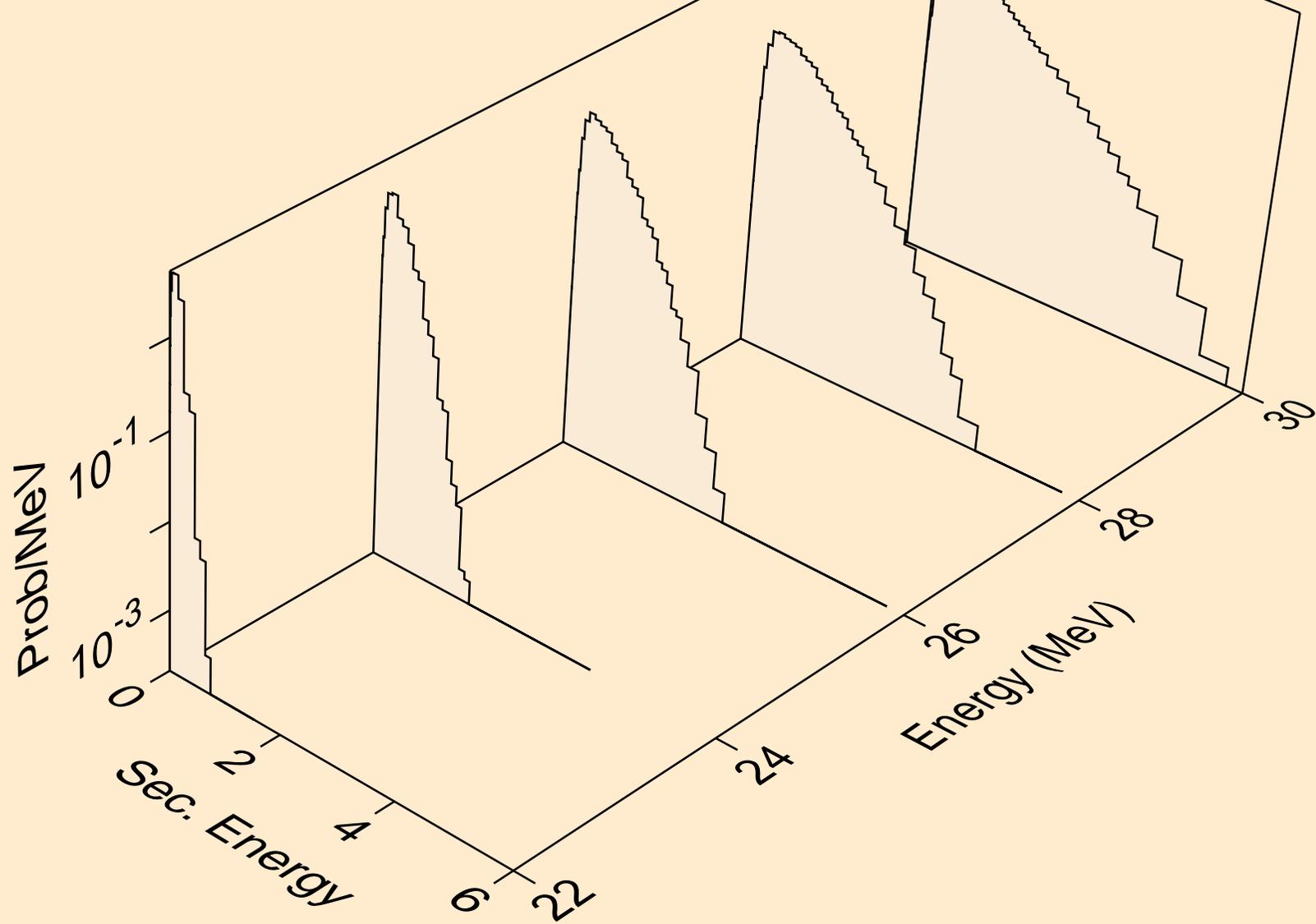neutrons from (g,n*)2a

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
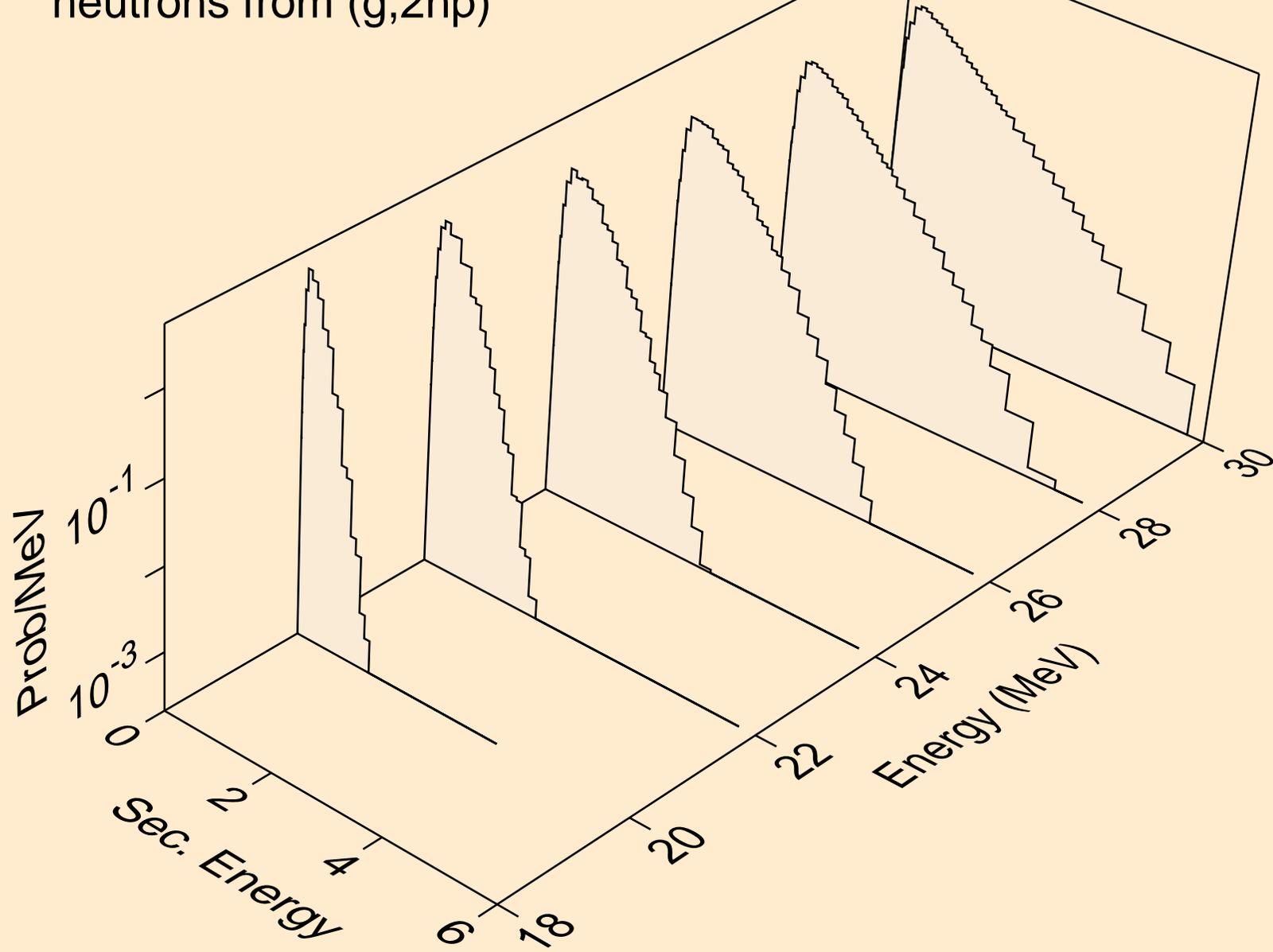neutrons from (g,n*)d

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
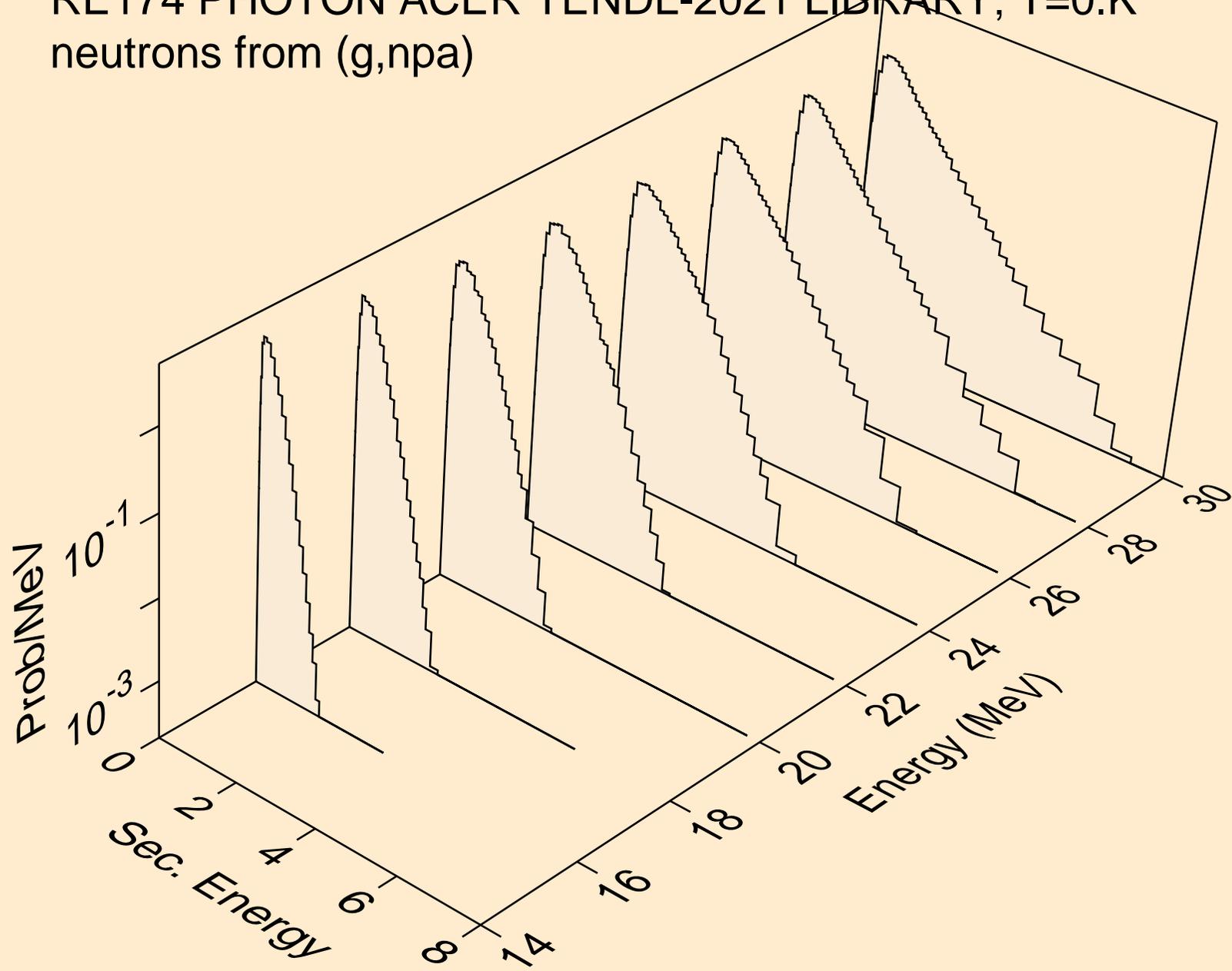neutrons from (g,n*)t

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
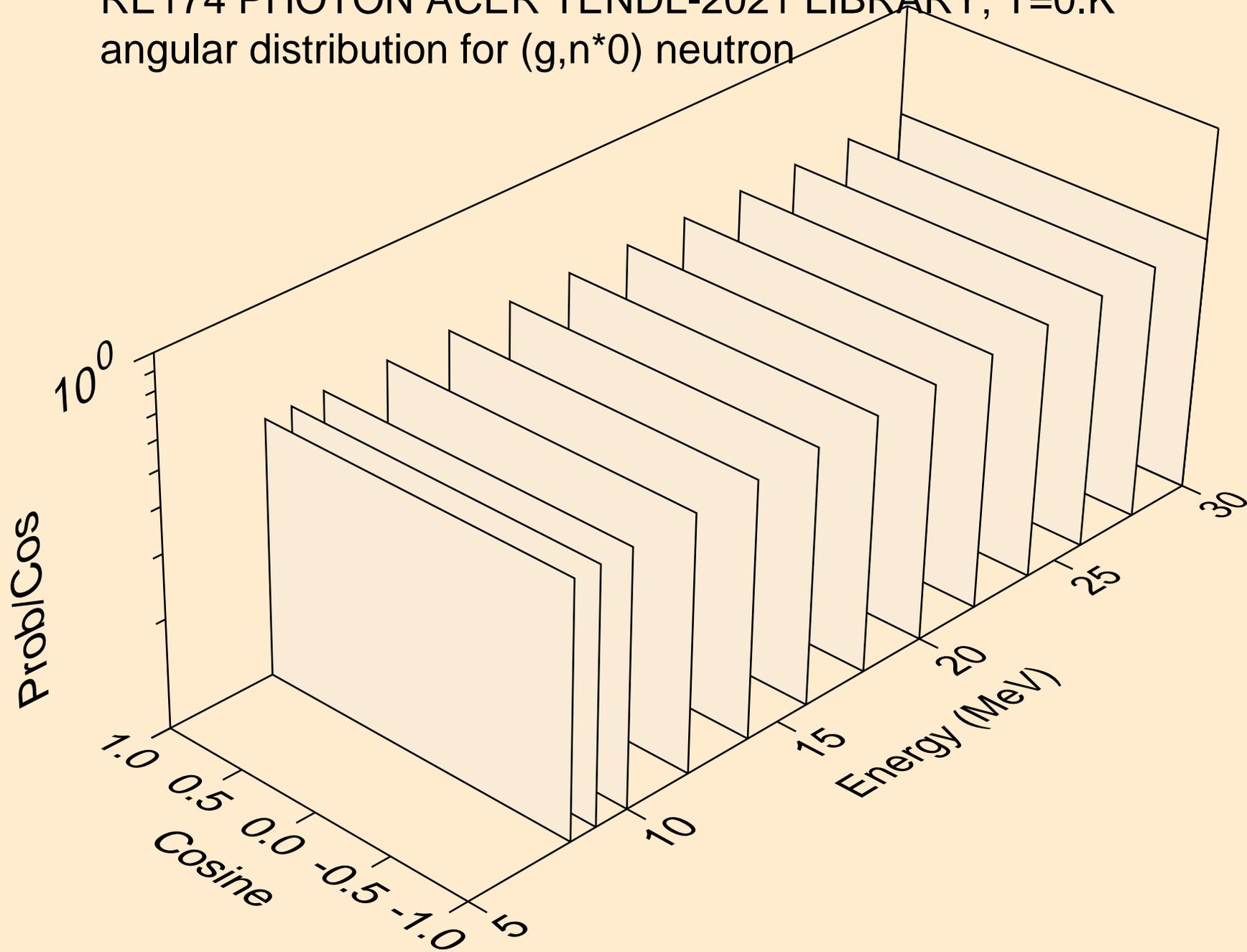neutrons from (g,2np)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
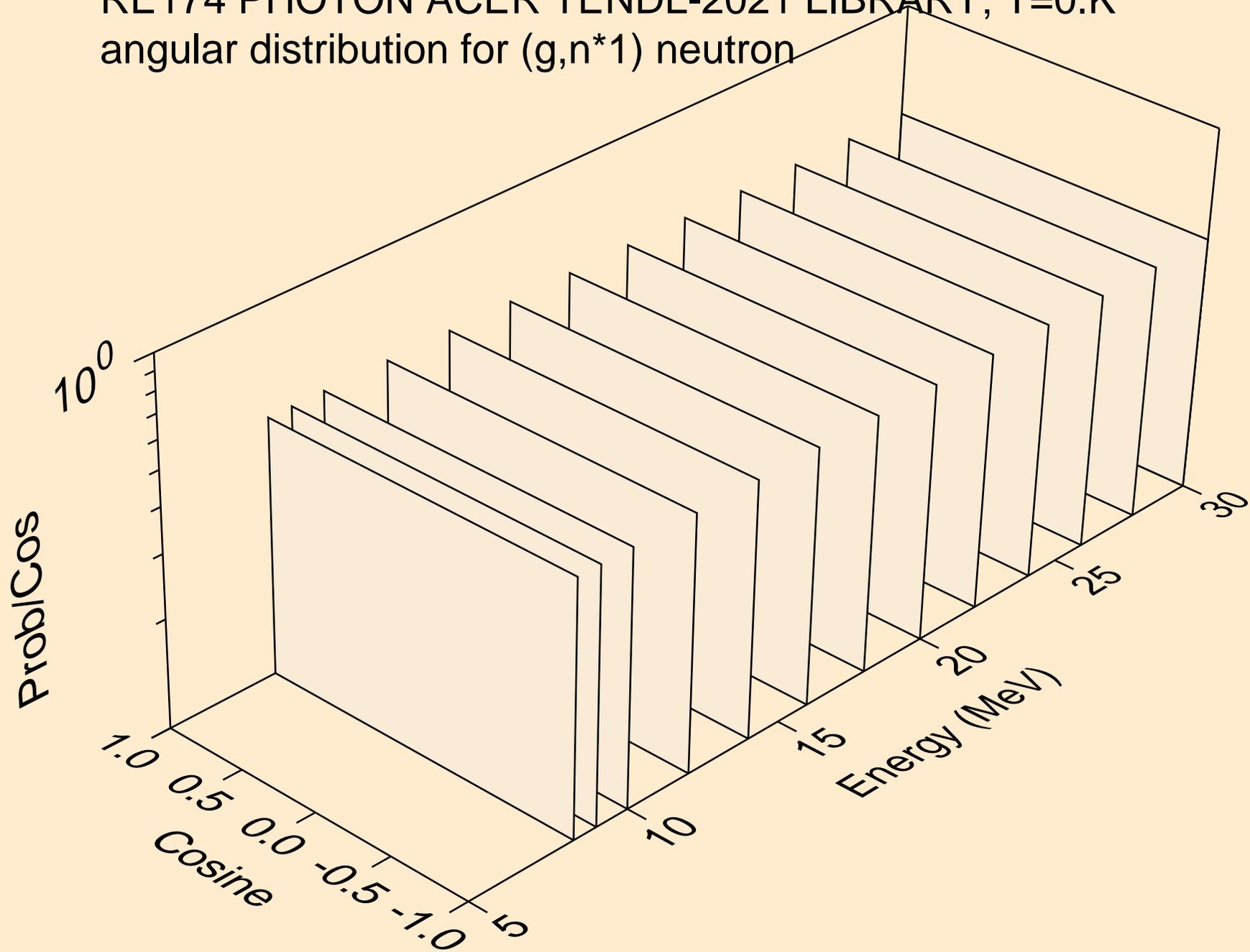neutrons from (g,2np)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
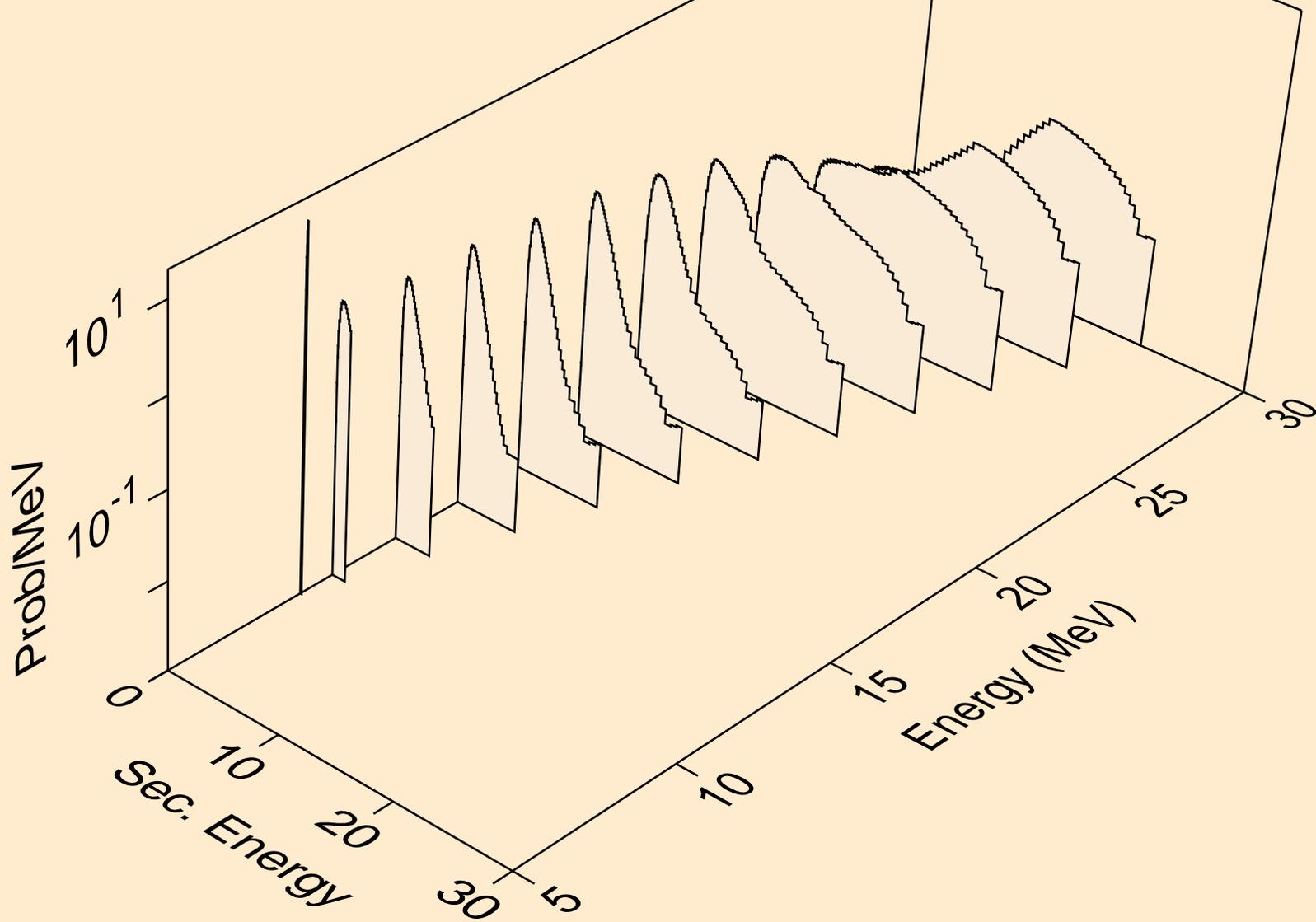neutrons from (g,npa)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
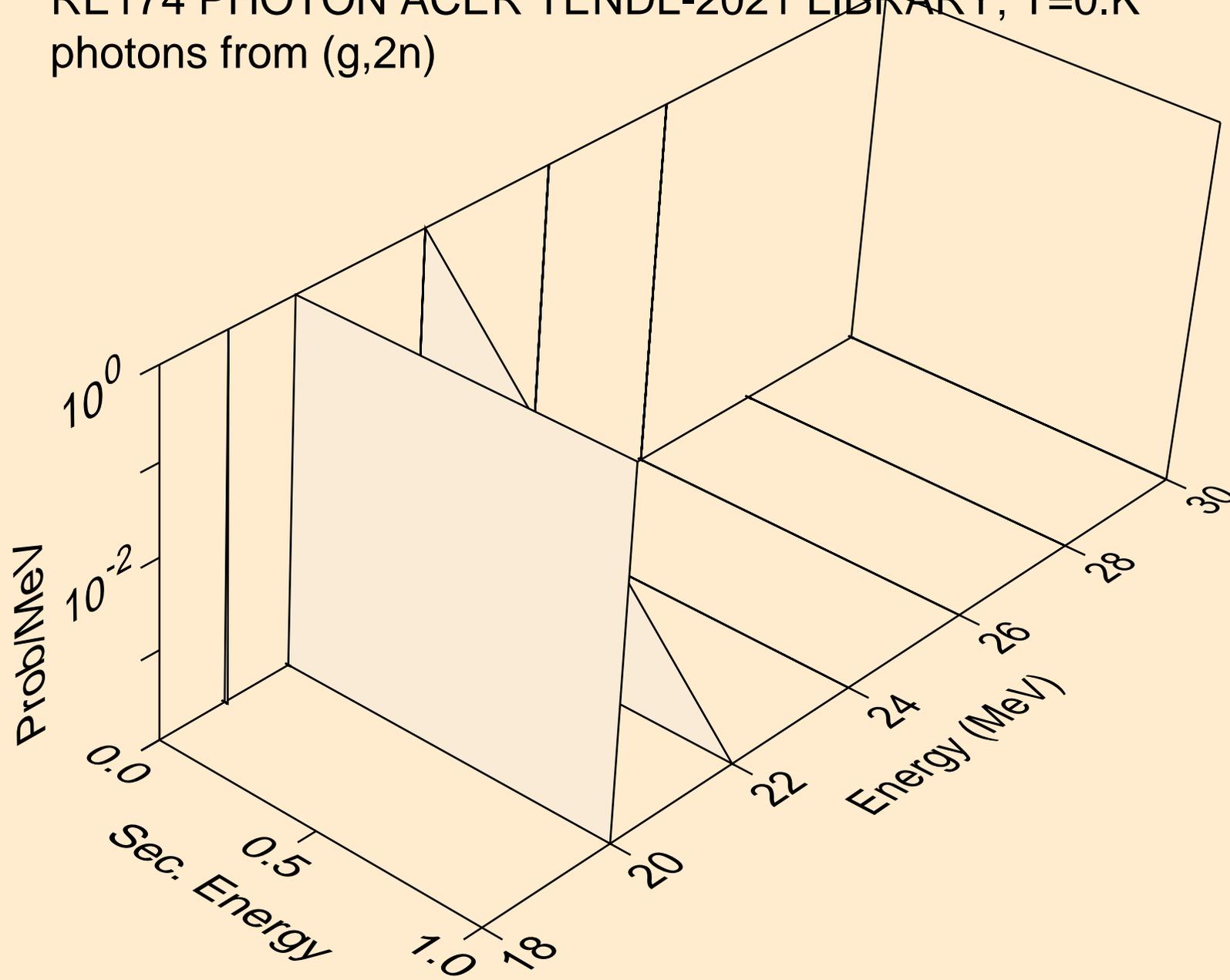angular distribution for (g,n*0) neutron

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
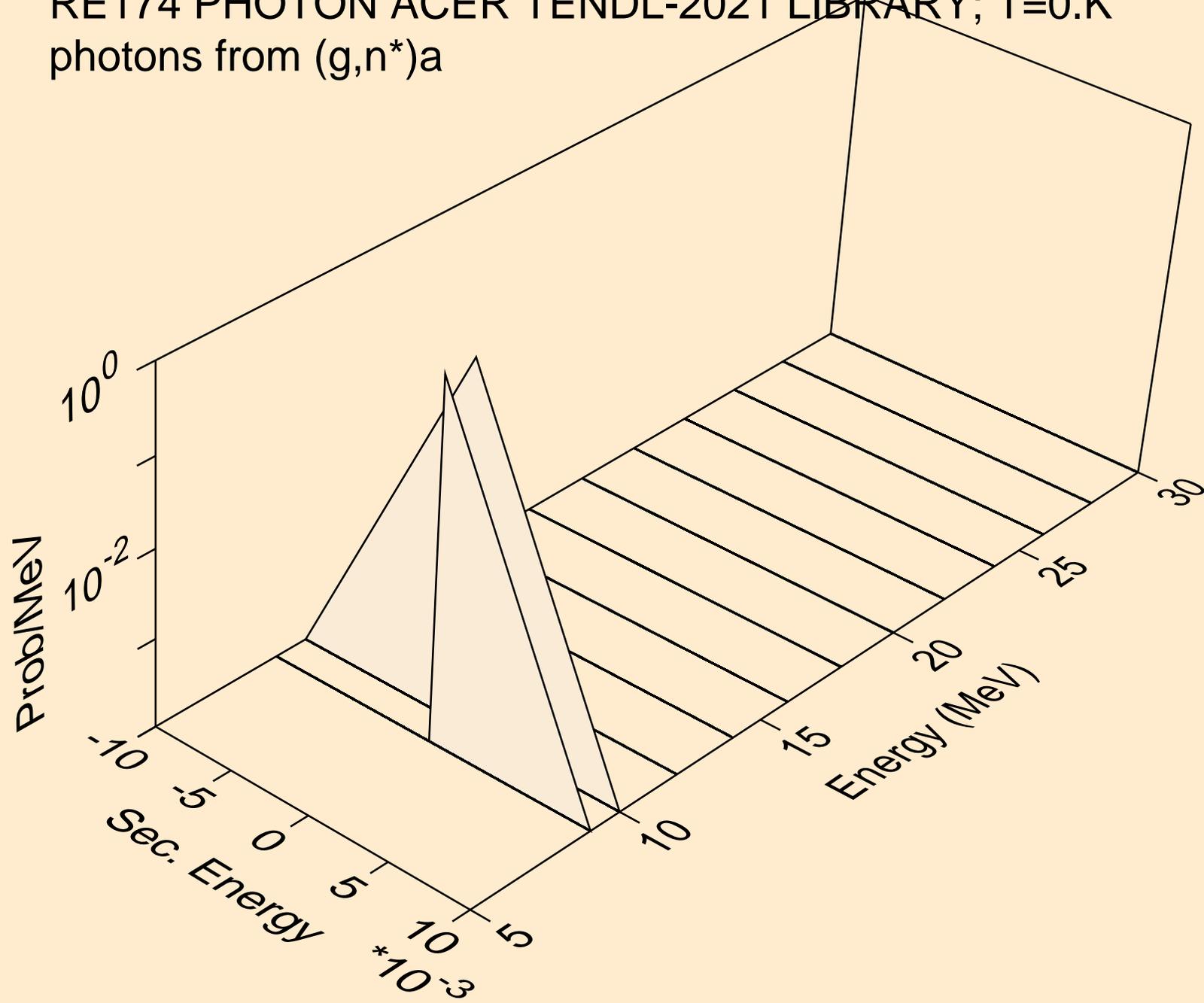angular distribution for (g,n*1) neutron

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
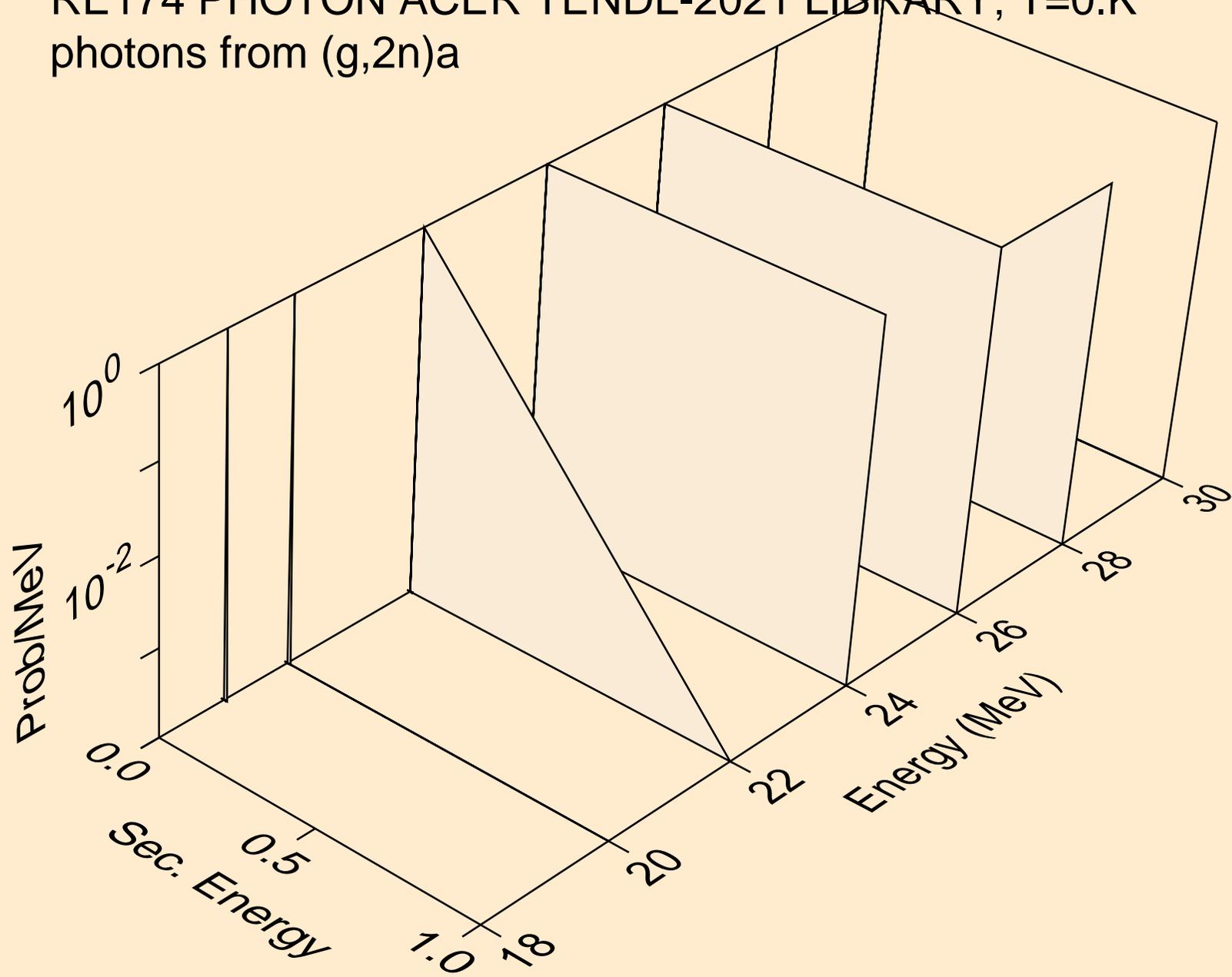neutrons from (g,n*c)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,2n)

ProbIMeV

10^0

10^{-2}

Sec. Energy

0.0

0.5

1.0

Energy (MeV)
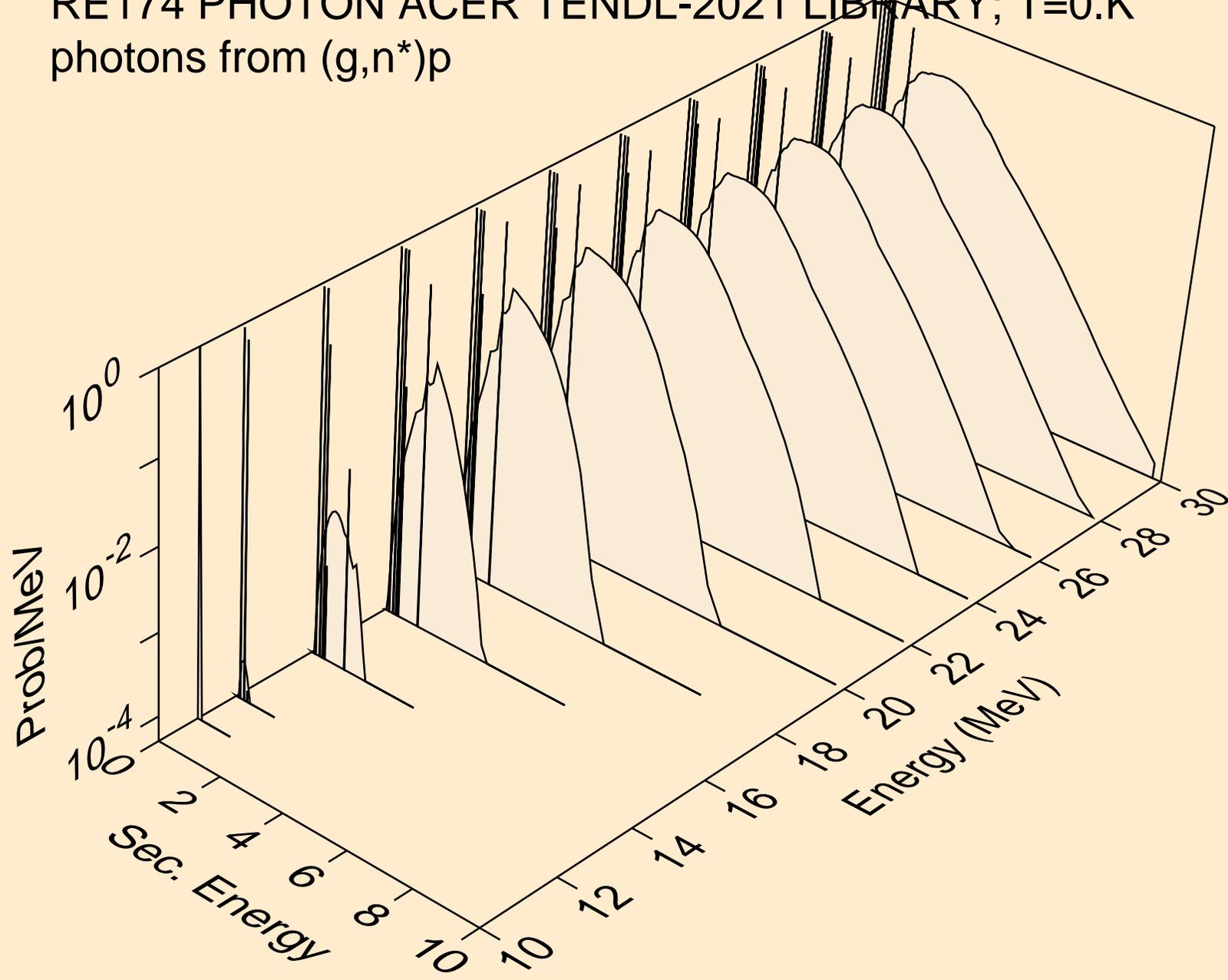
18

20

22

24

26

28

30

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
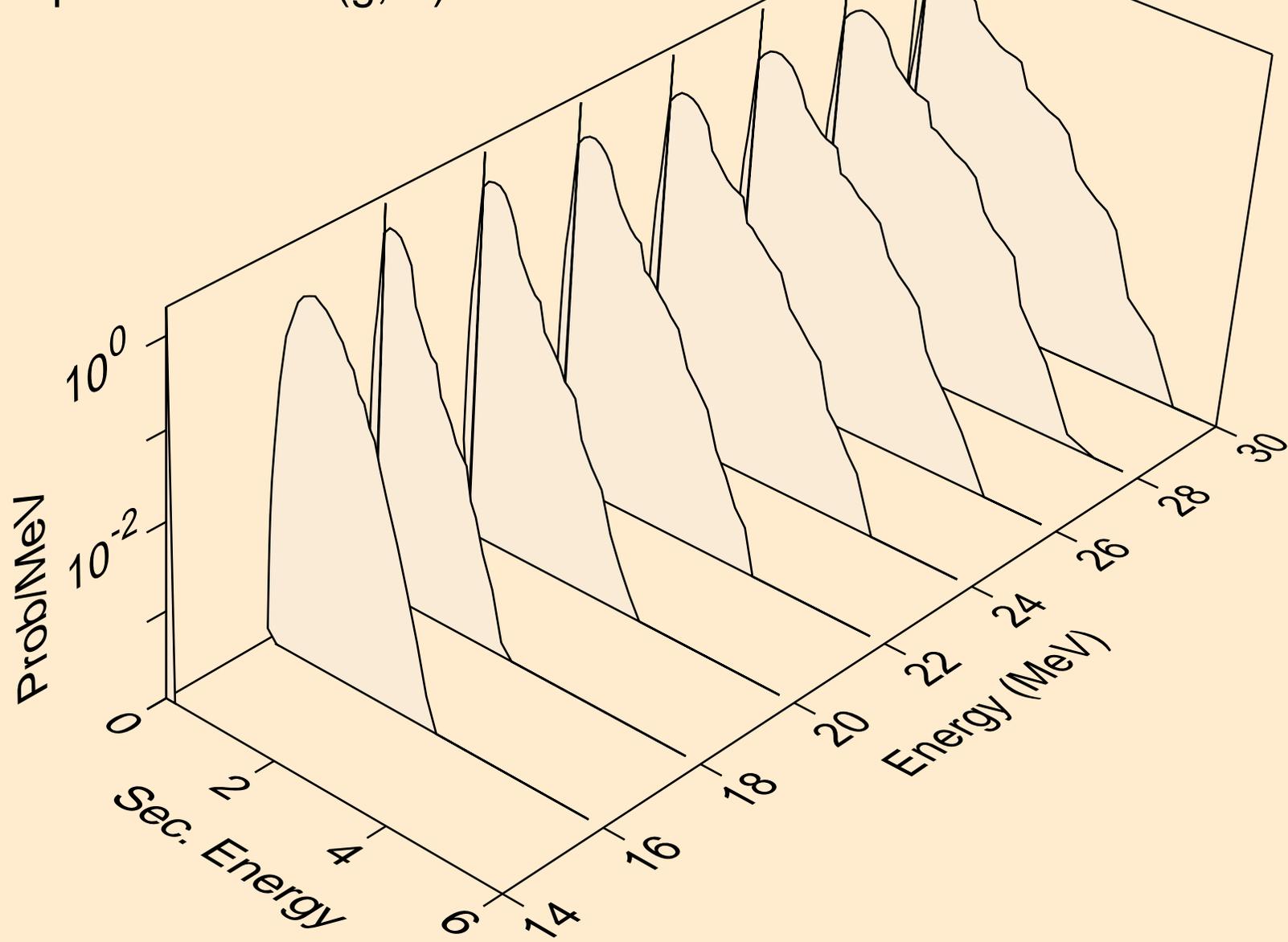photons from (g,n*)a

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
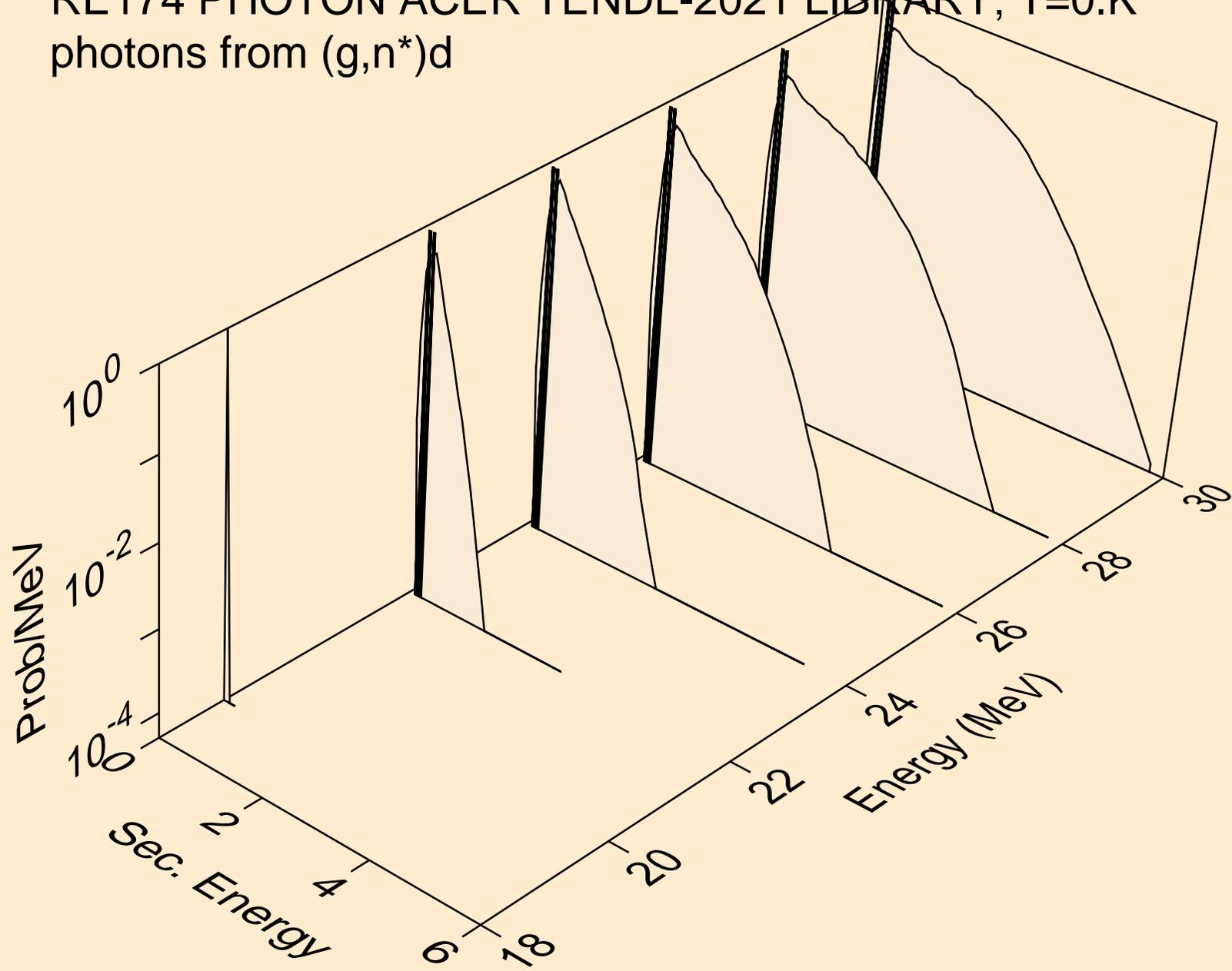photons from (g,2n)a

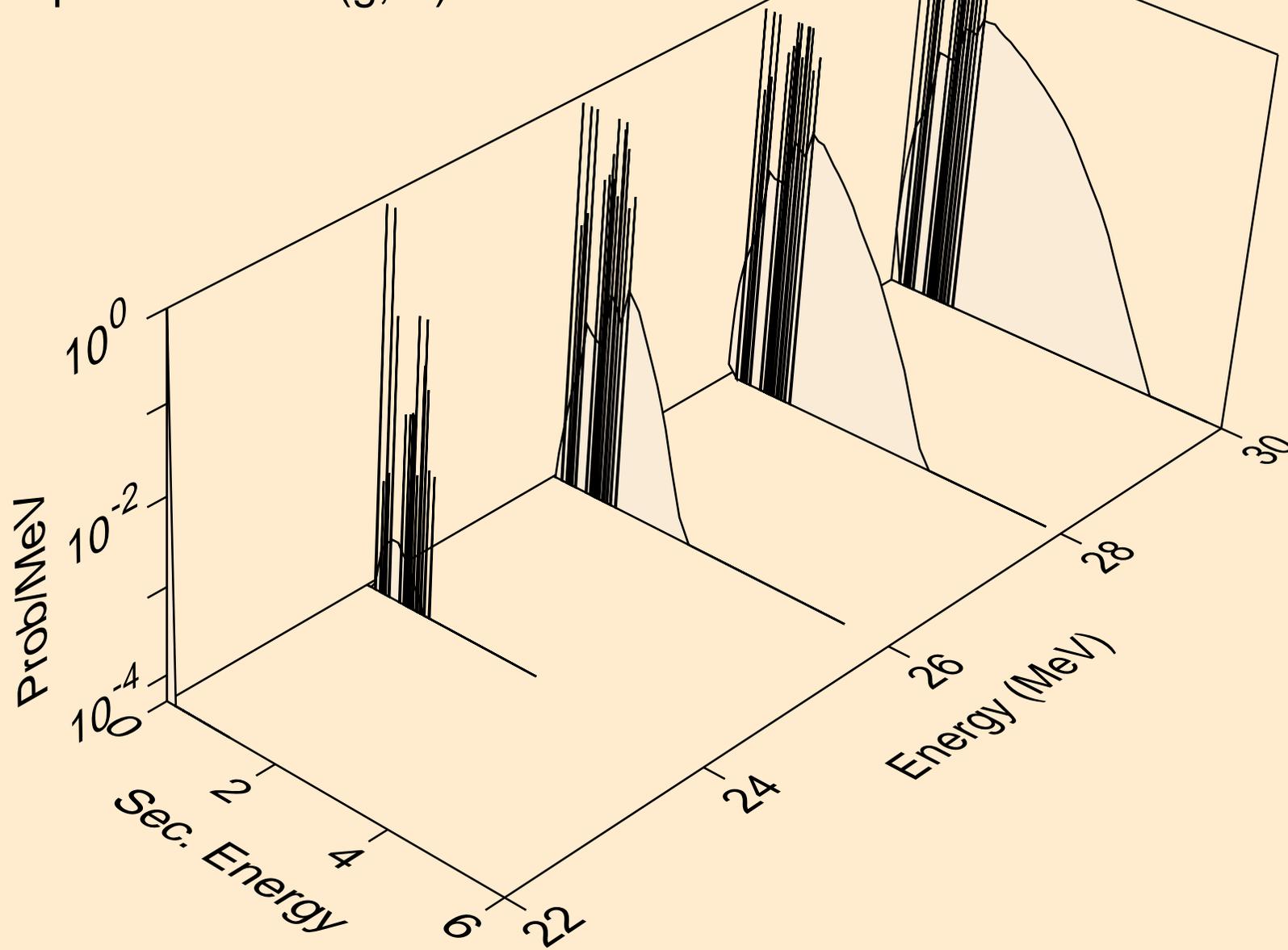RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)p

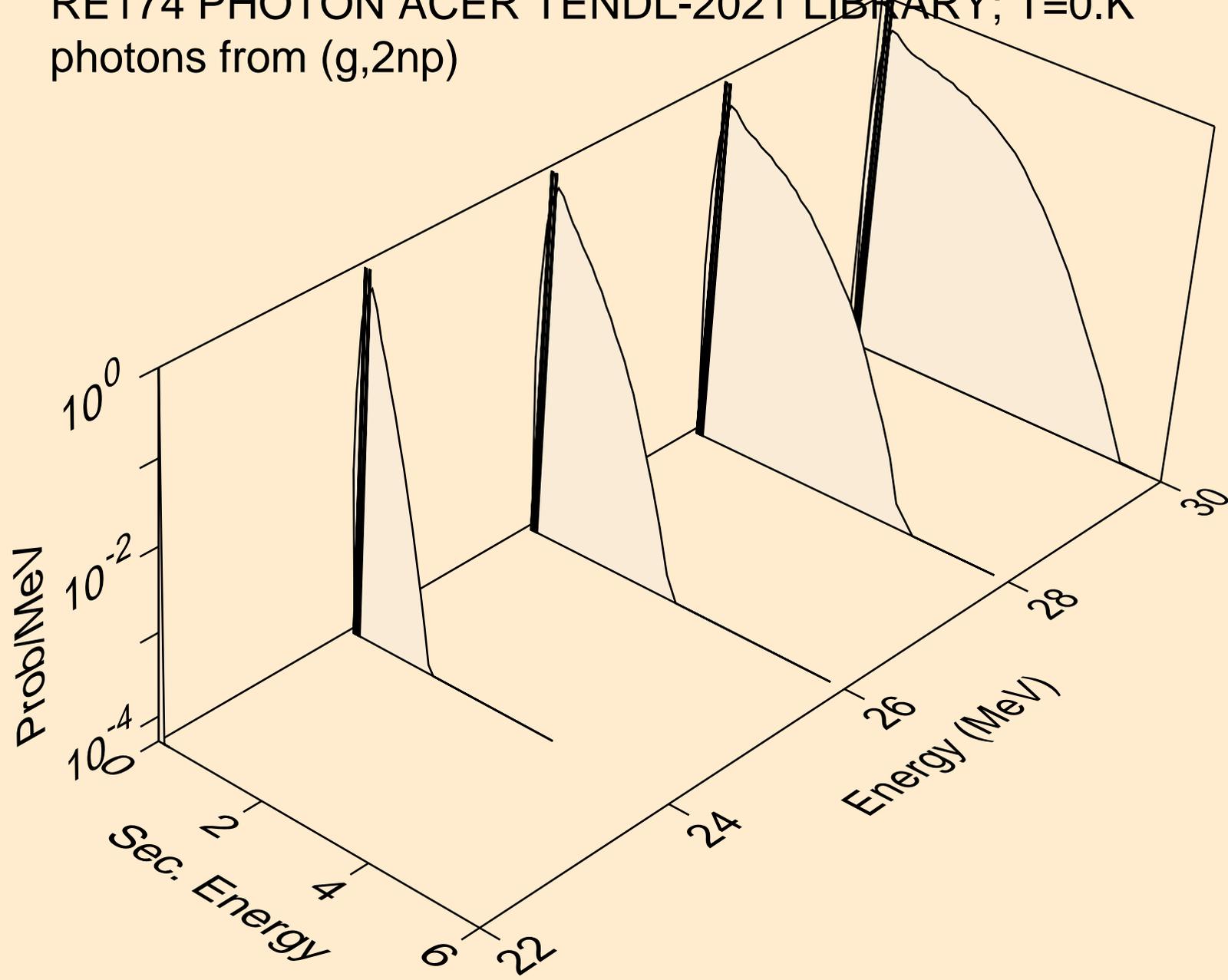RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)2a

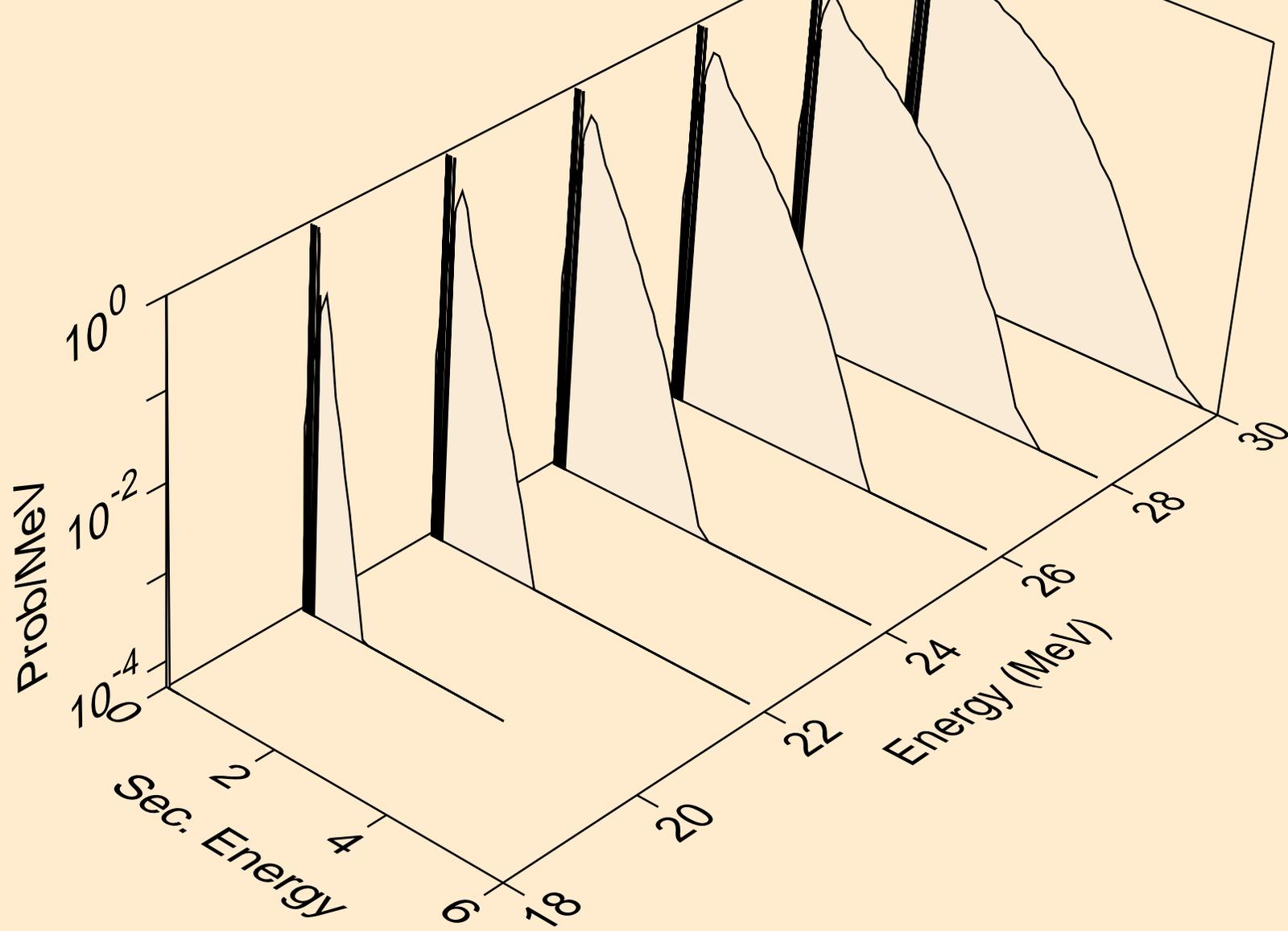RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)d

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)t

Prob/MeV
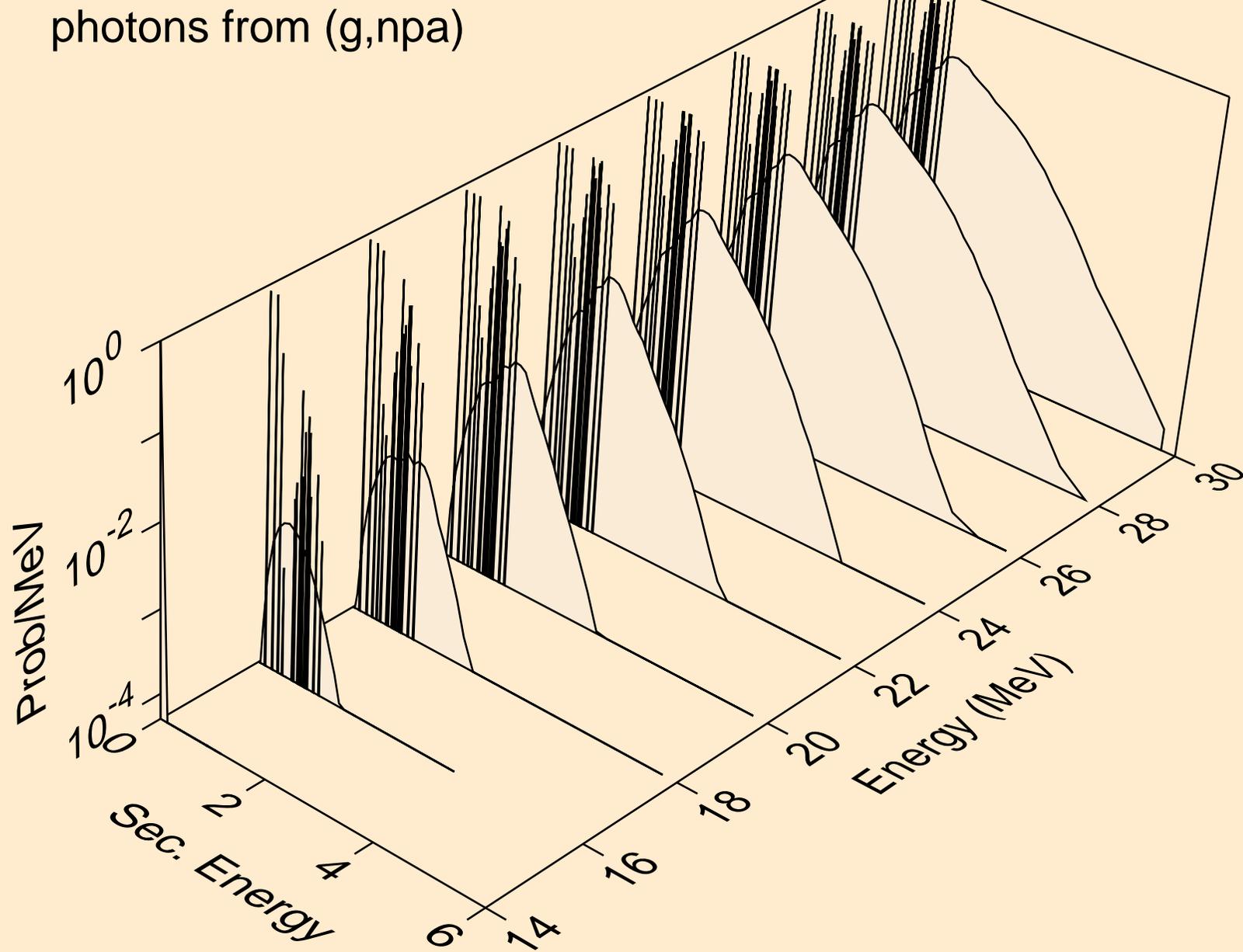
Sec. Energy

Energy (MeV)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
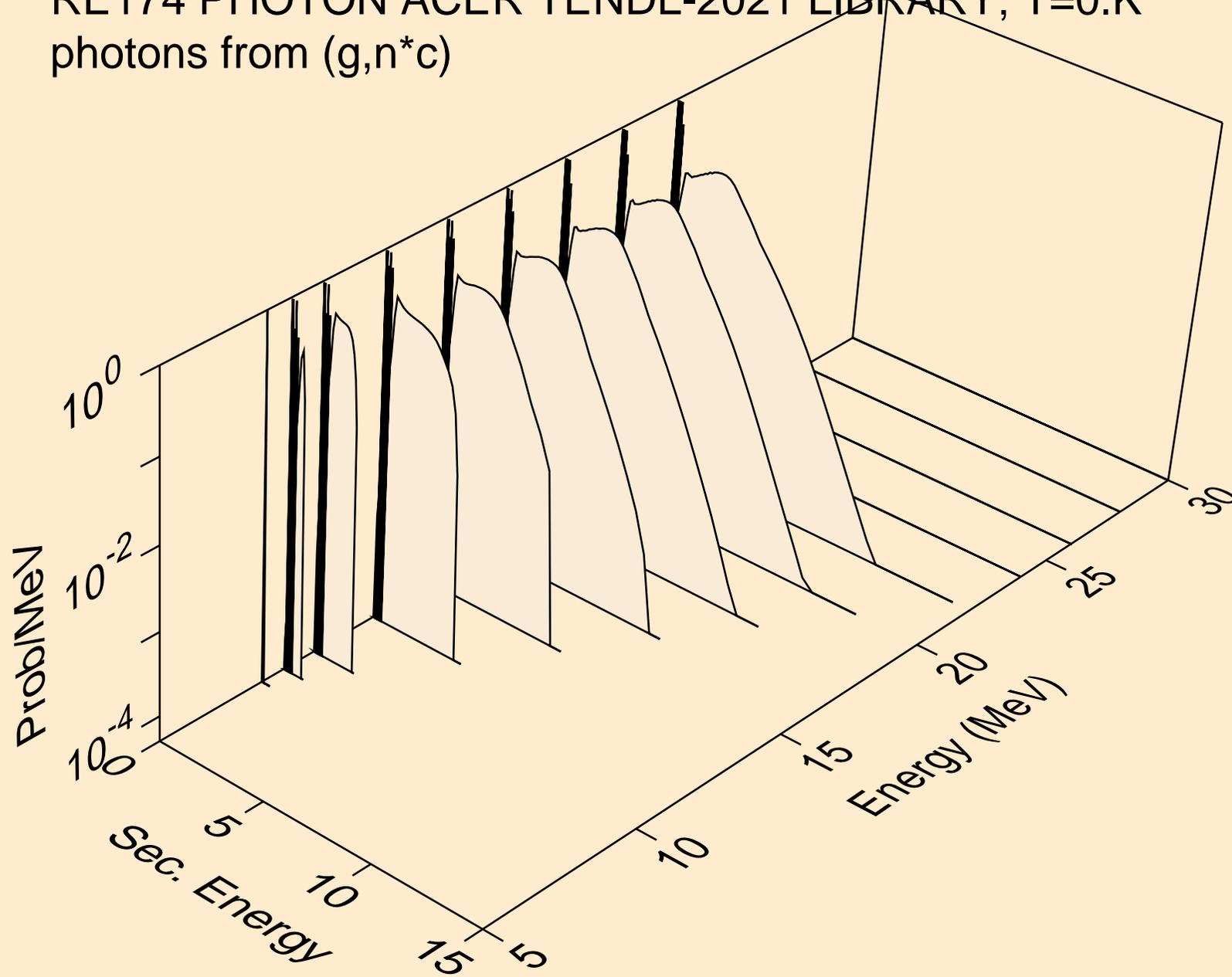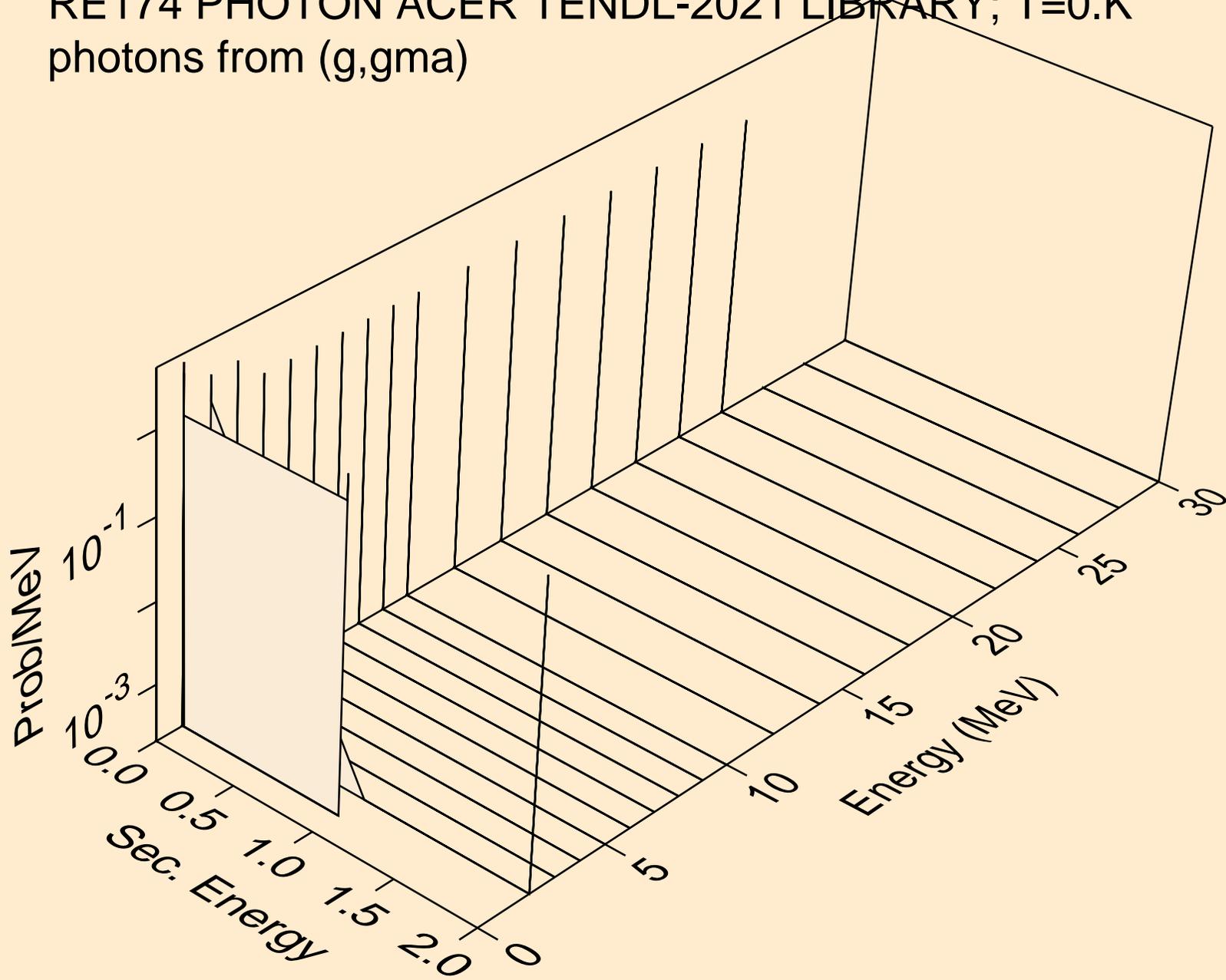photons from (g,2np)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,2np)

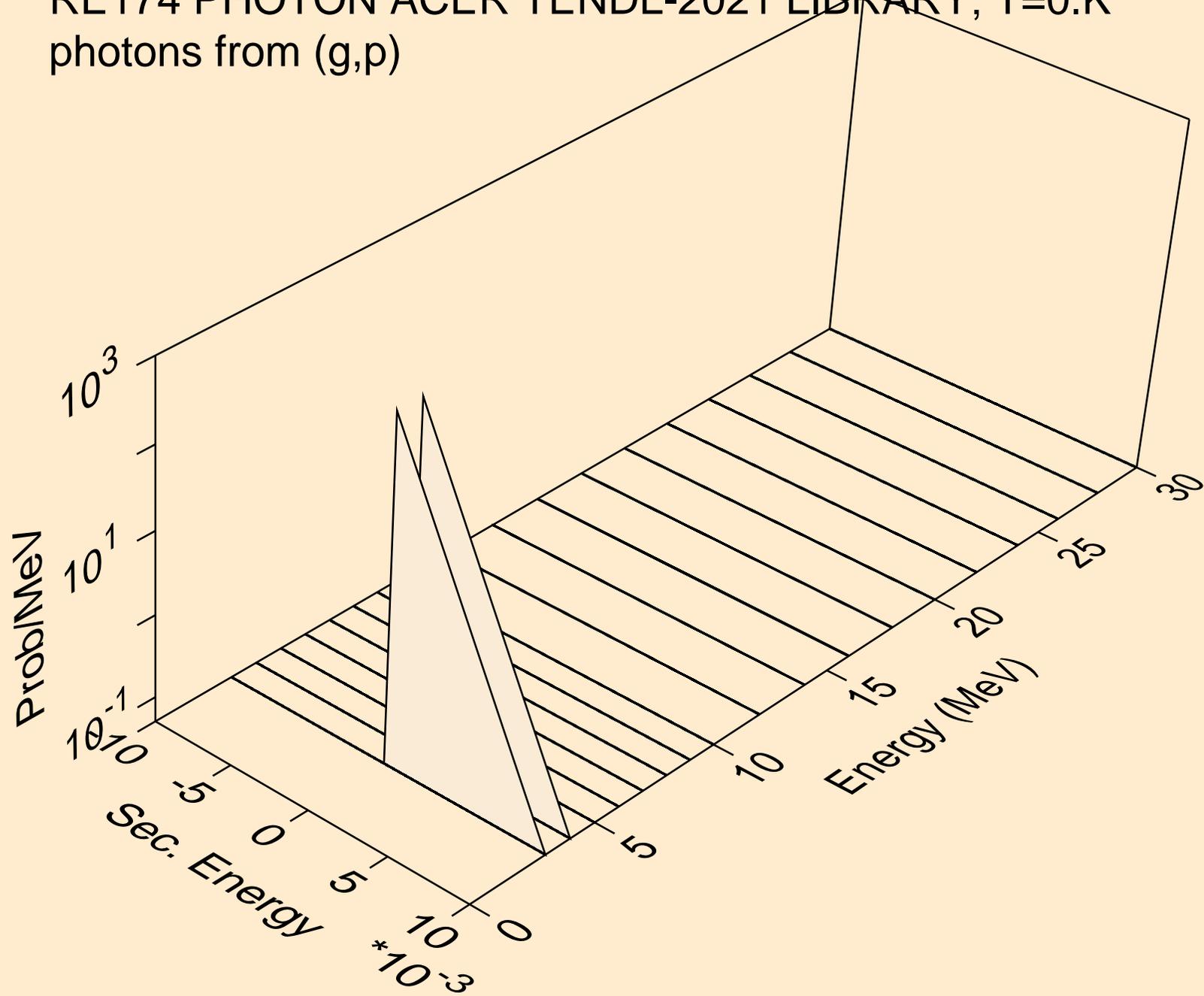RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,npa)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*c)

Prob/MeV
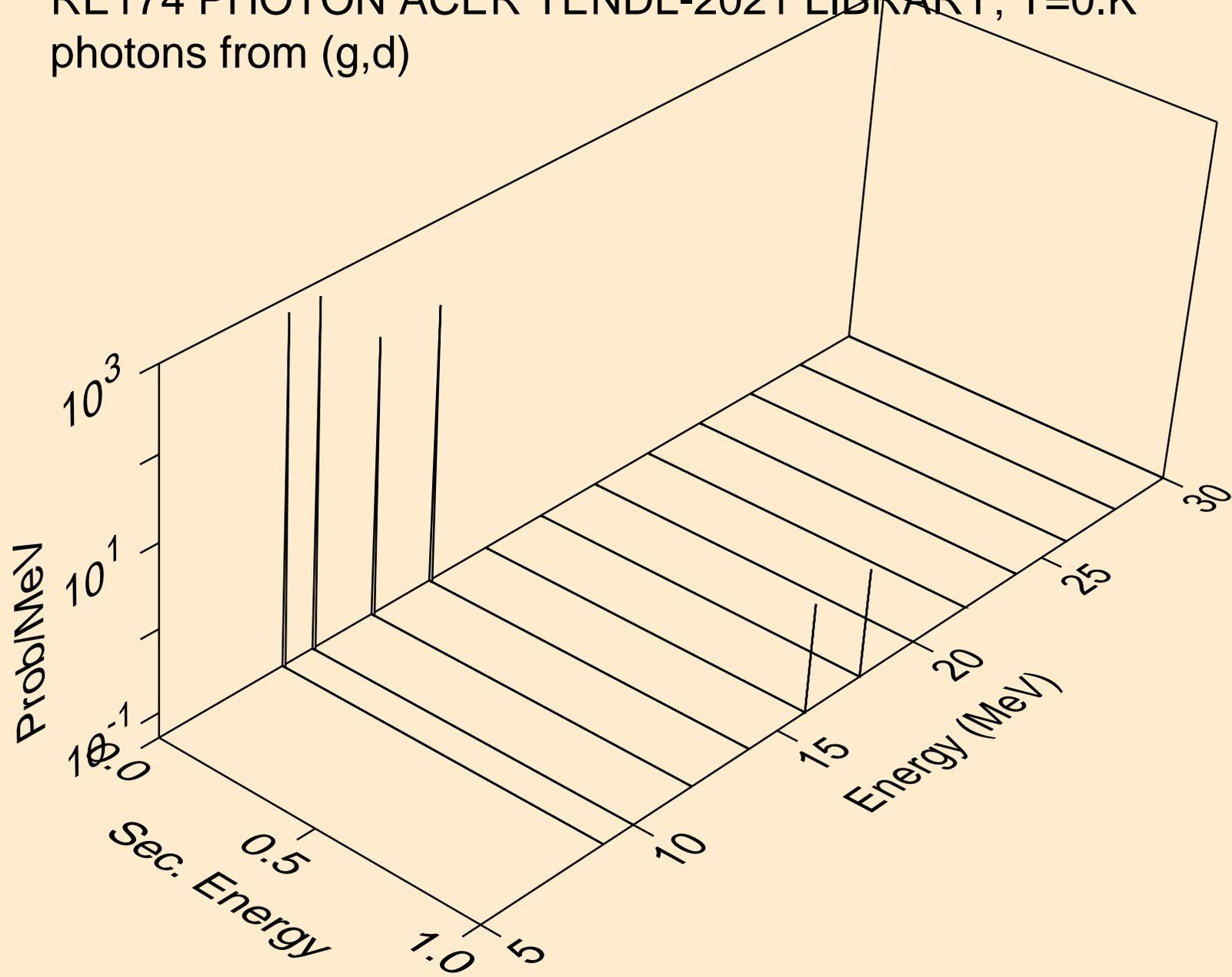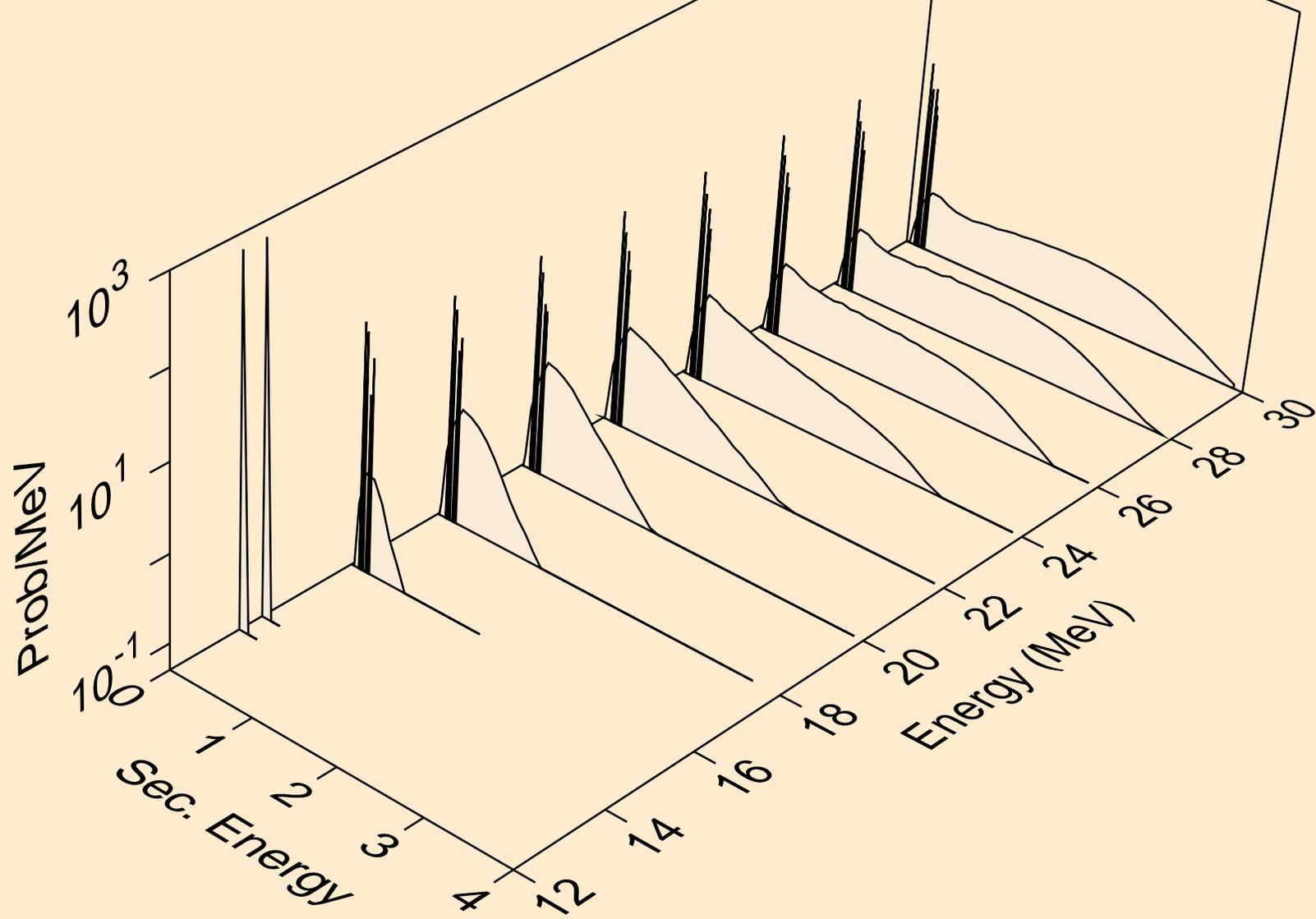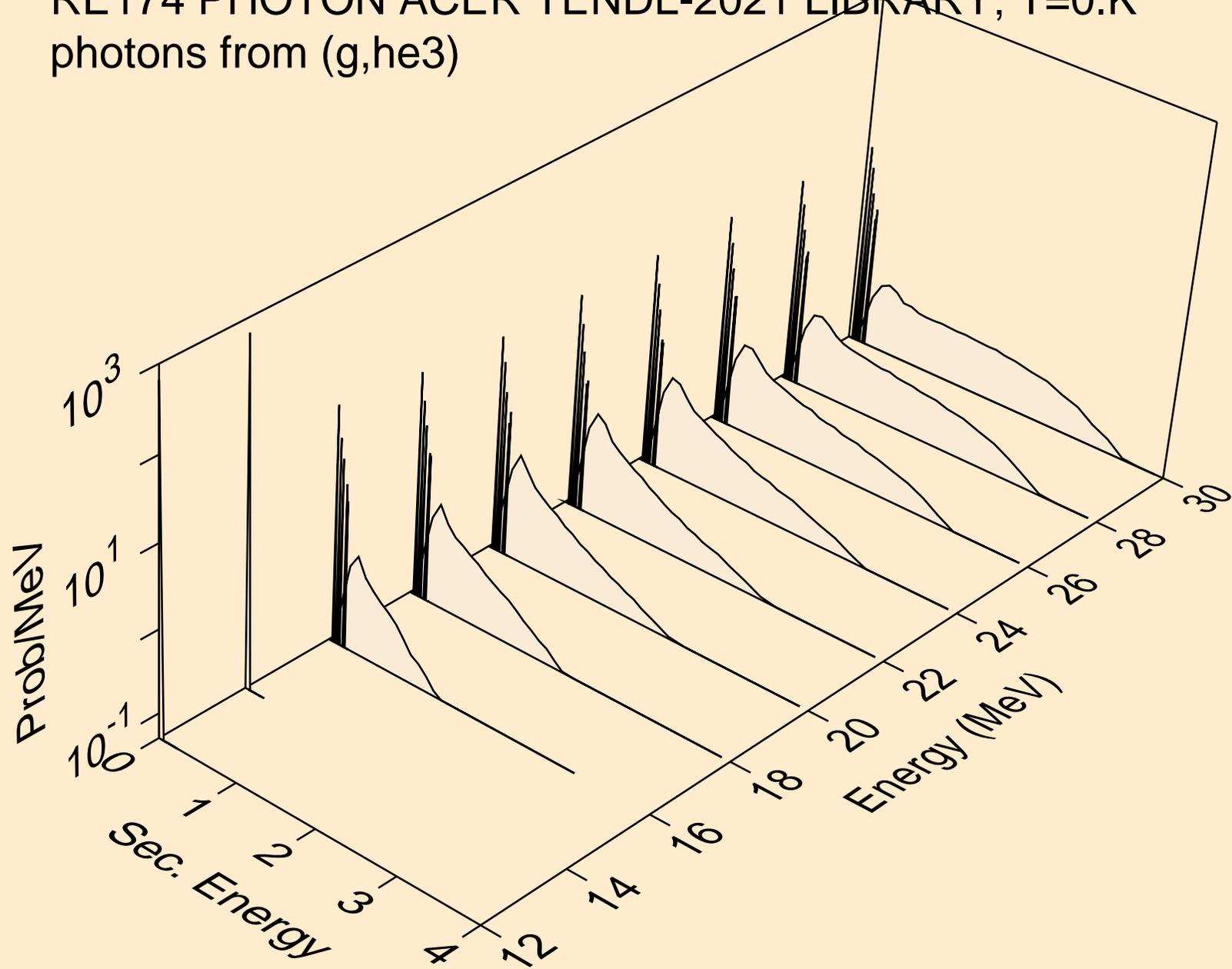
Sec. Energy

Energy (MeV)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,gma)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,p)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
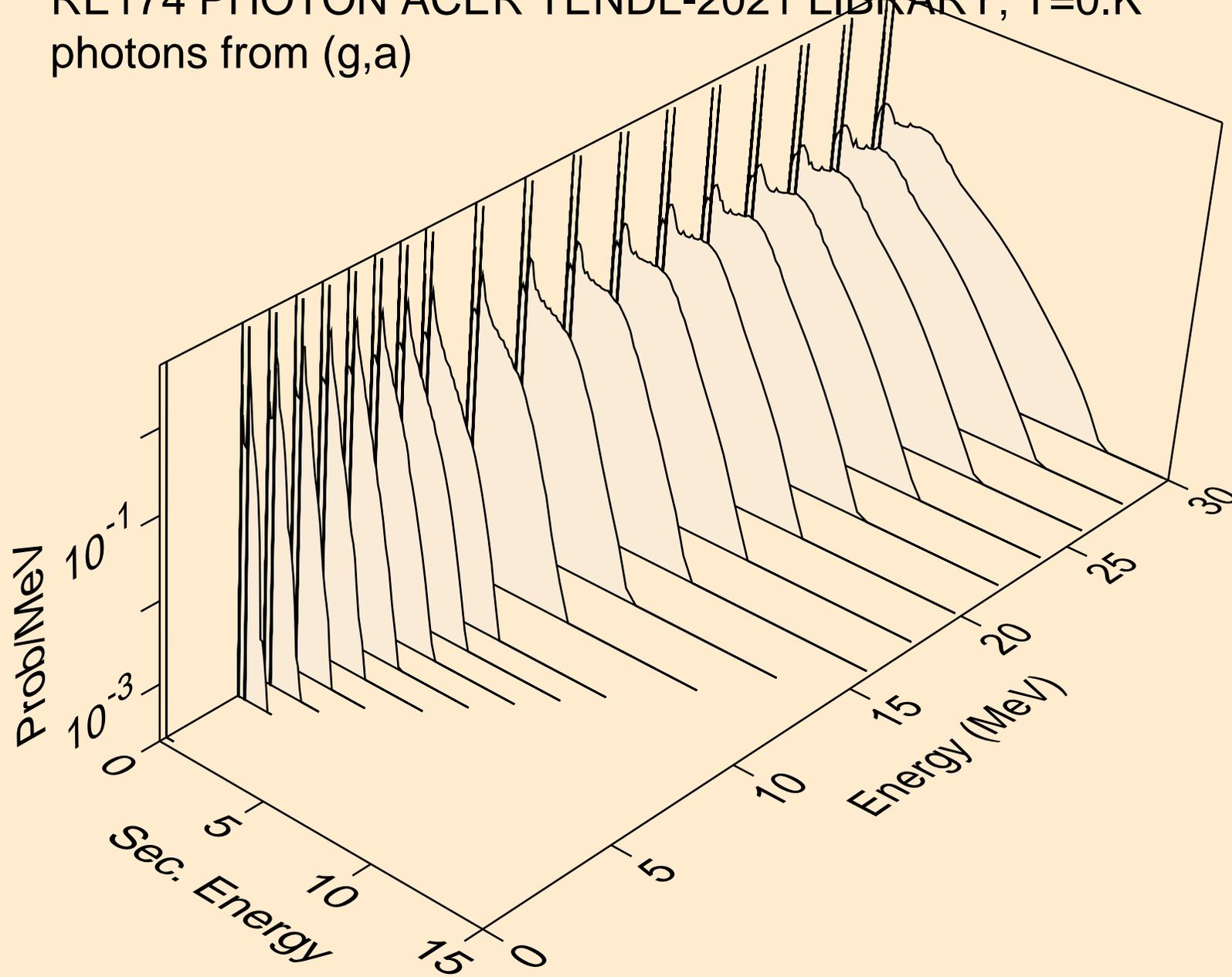photons from (g,d)

Prob/MeV

Sec. Energy

Energy (MeV)

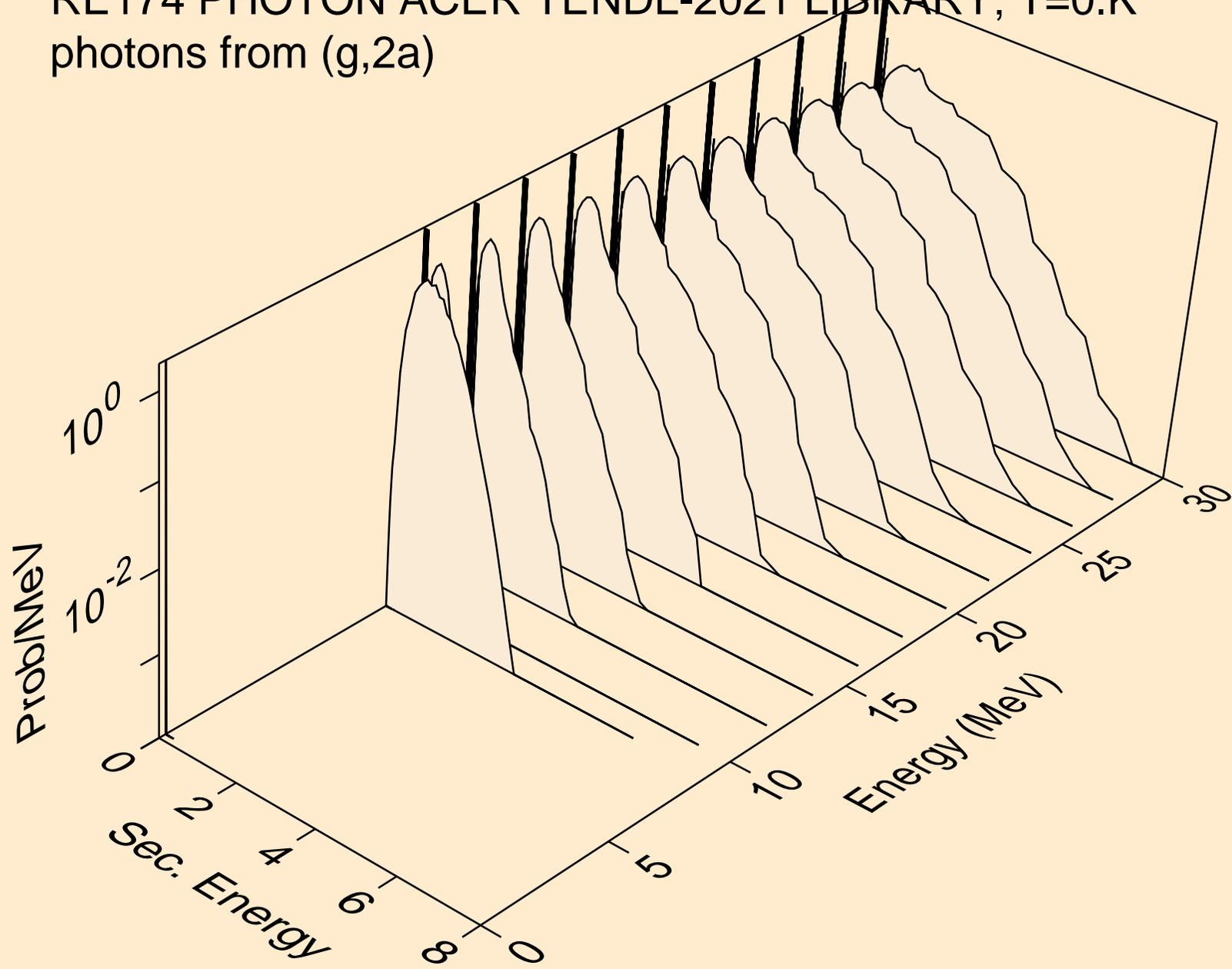RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
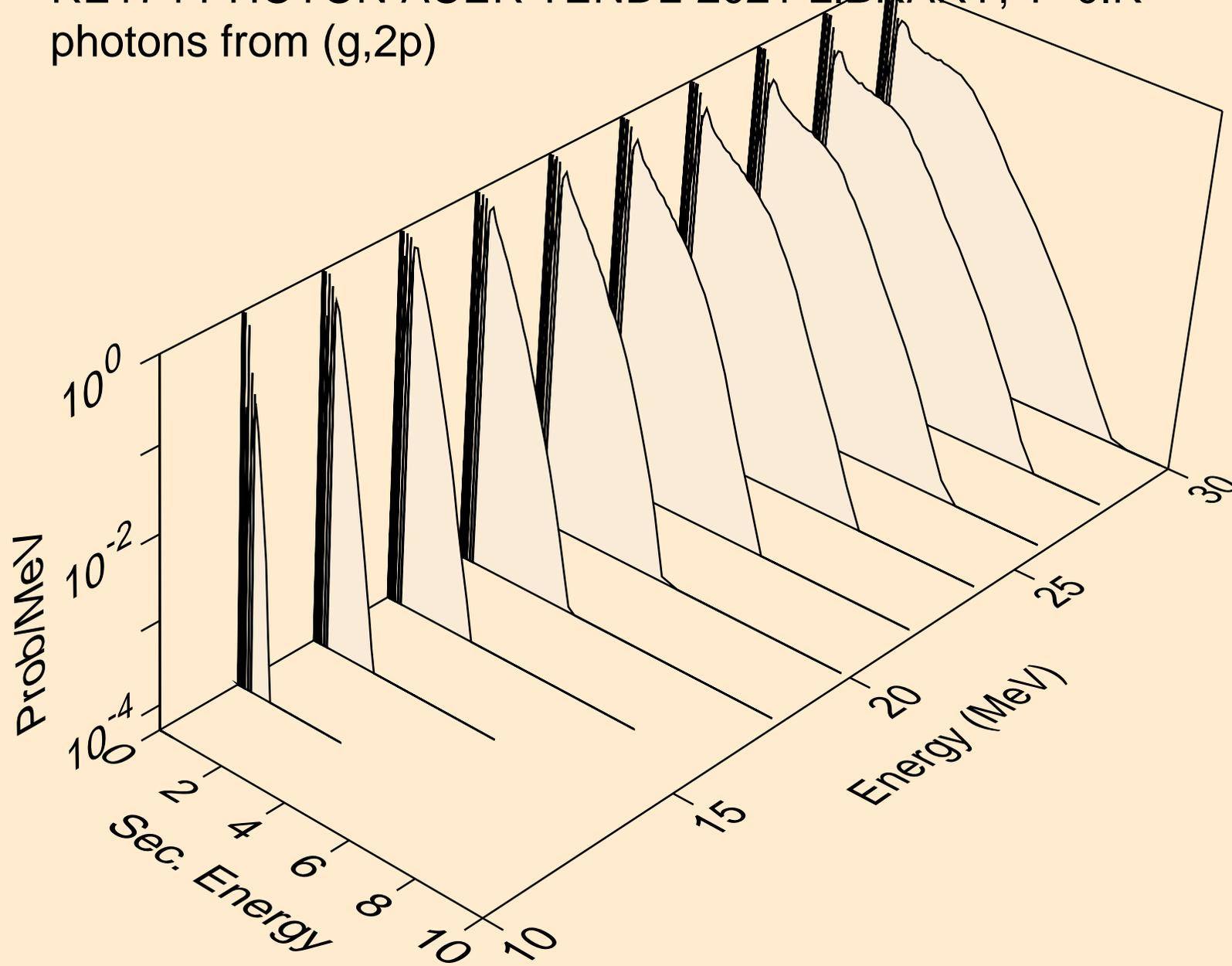photons from (g,t)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,he3)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,a)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
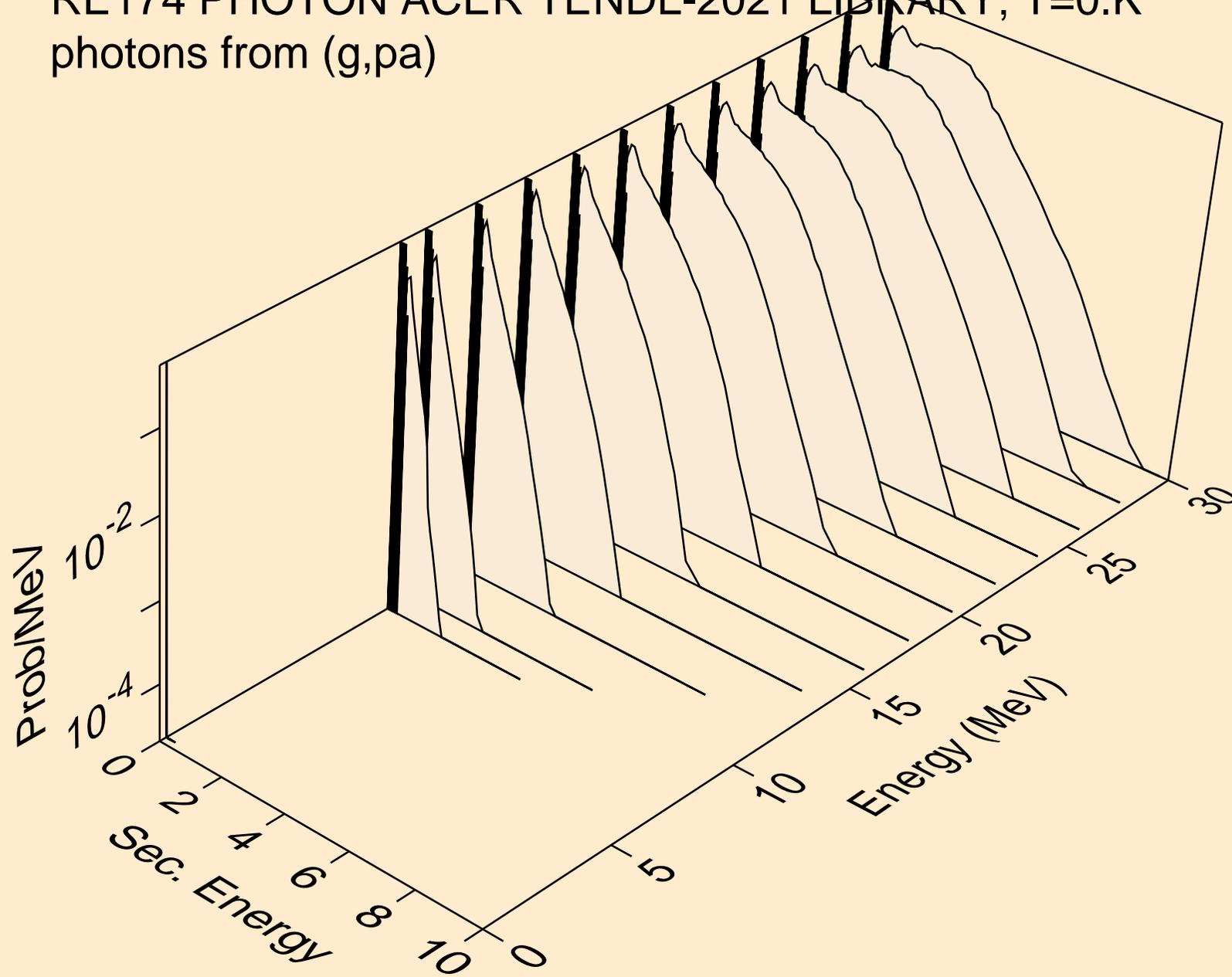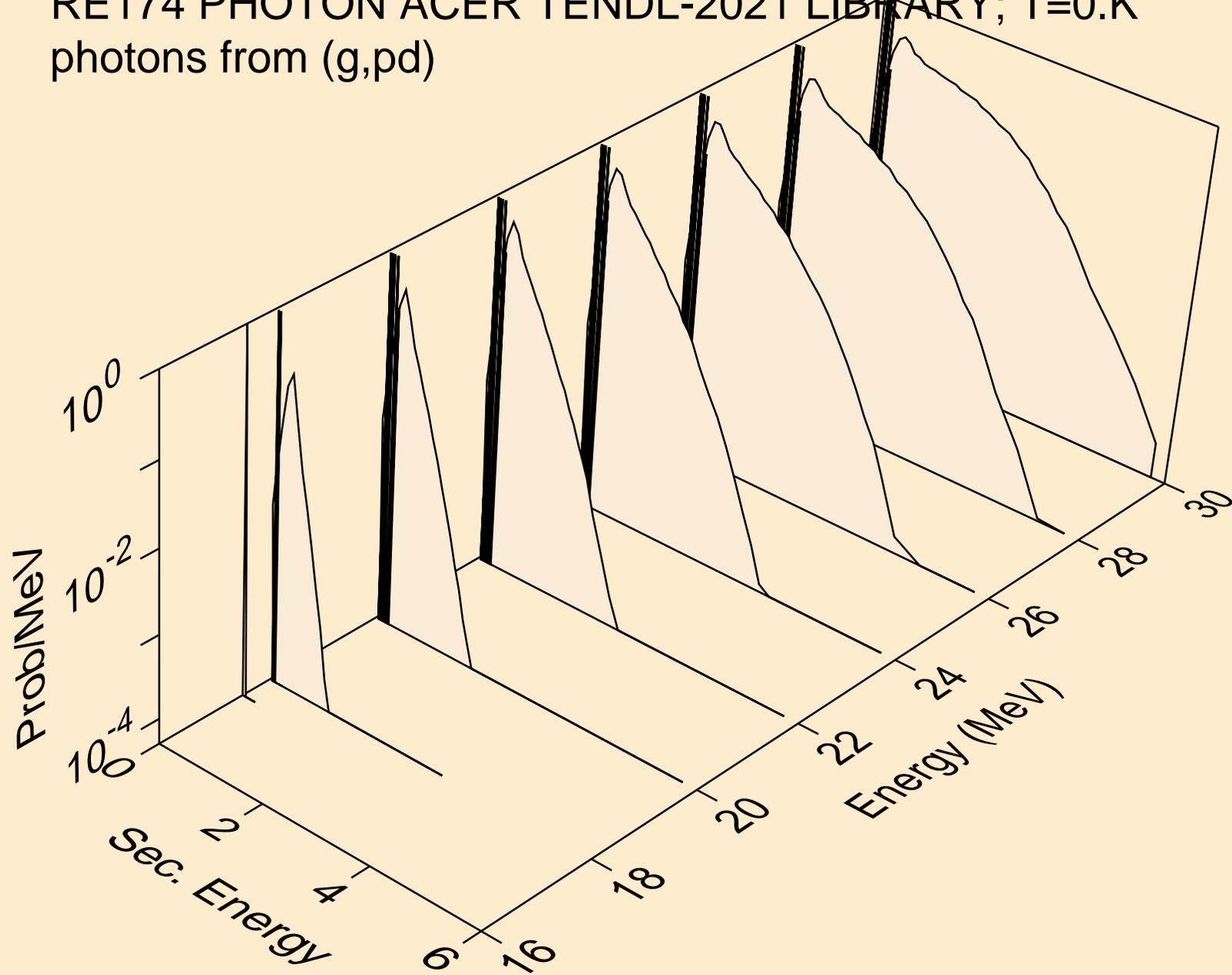photons from (g,2a)

ProbIMeV

Sec. Energy

Energy (MeV)

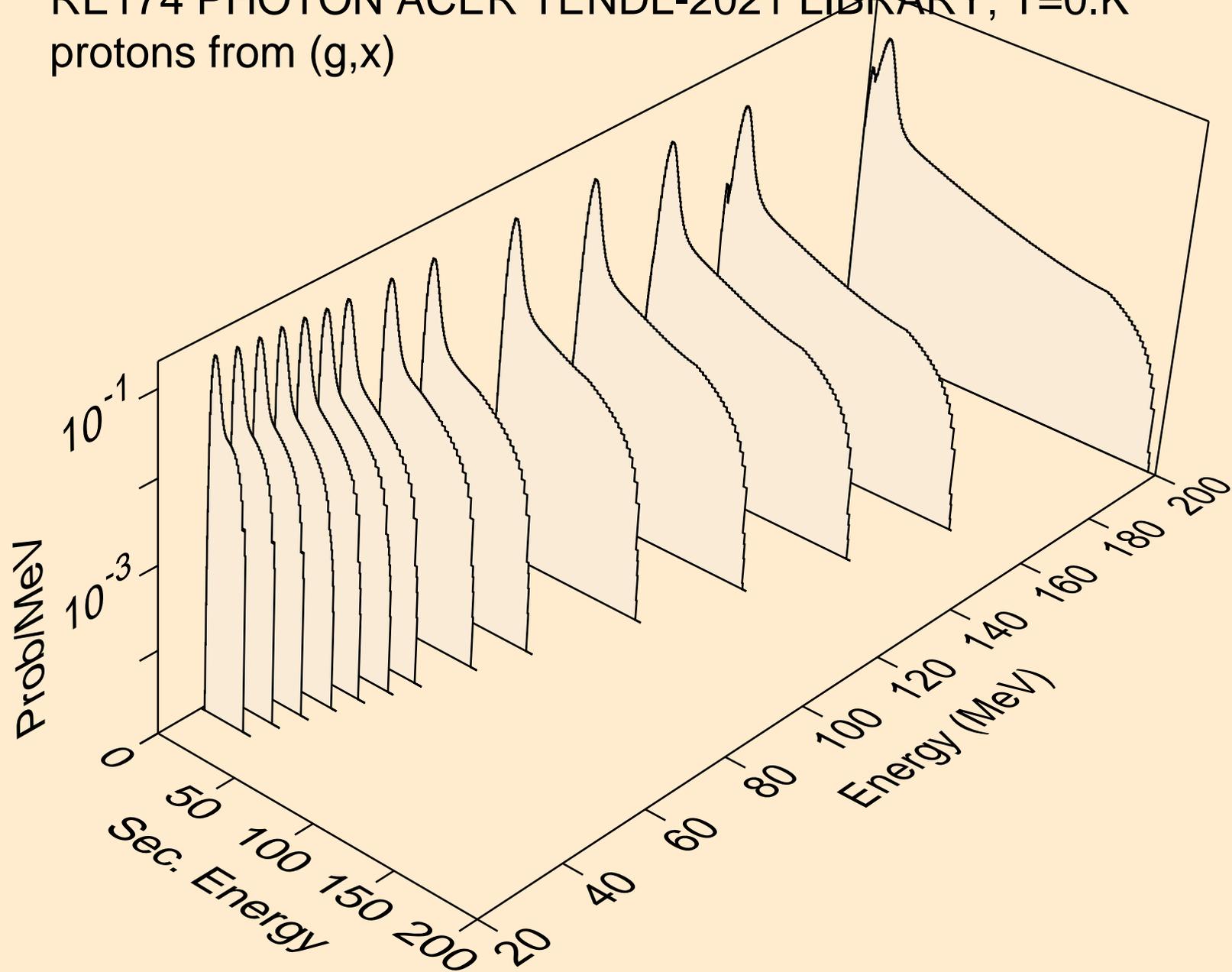RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,2p)

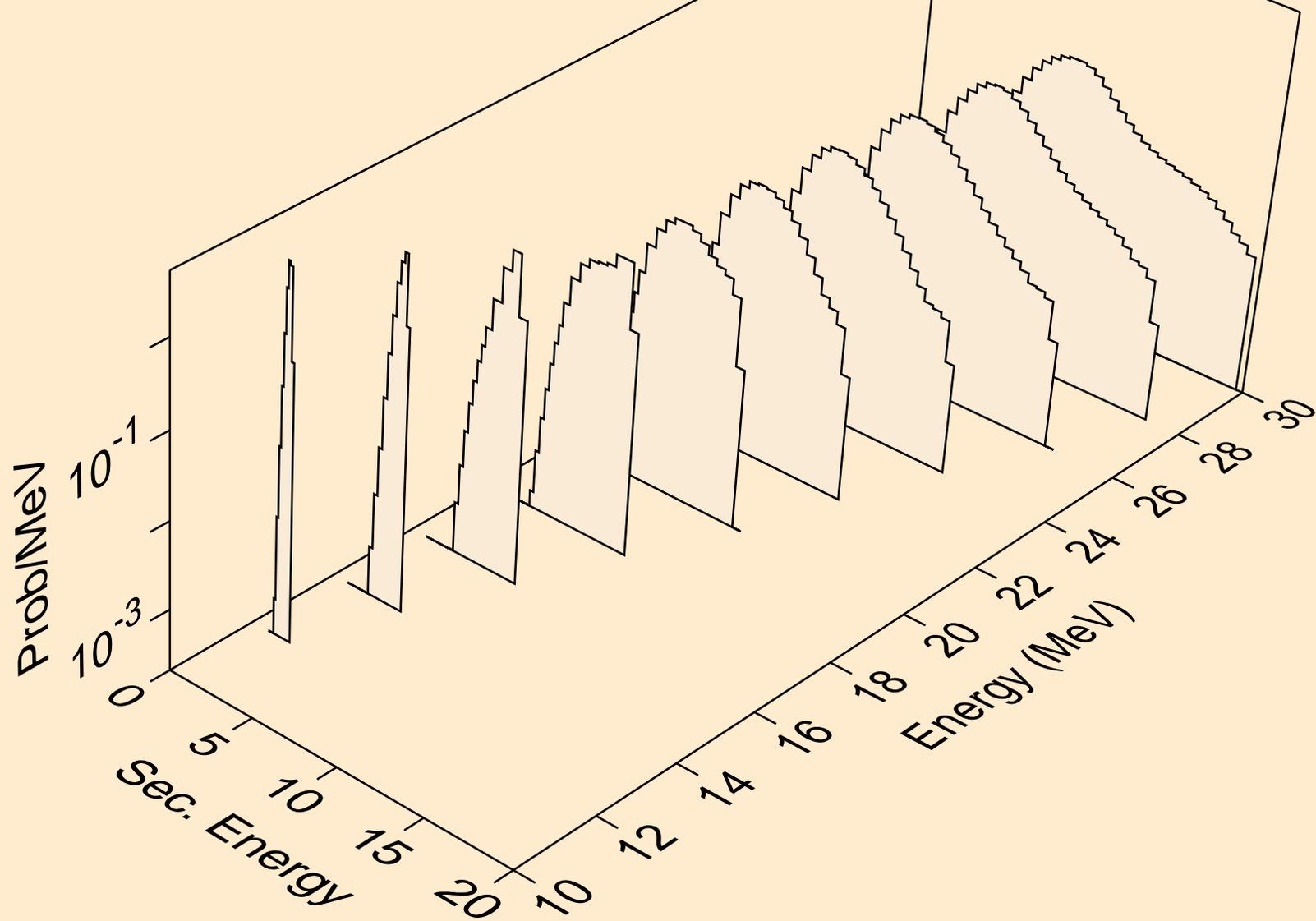RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,pa)

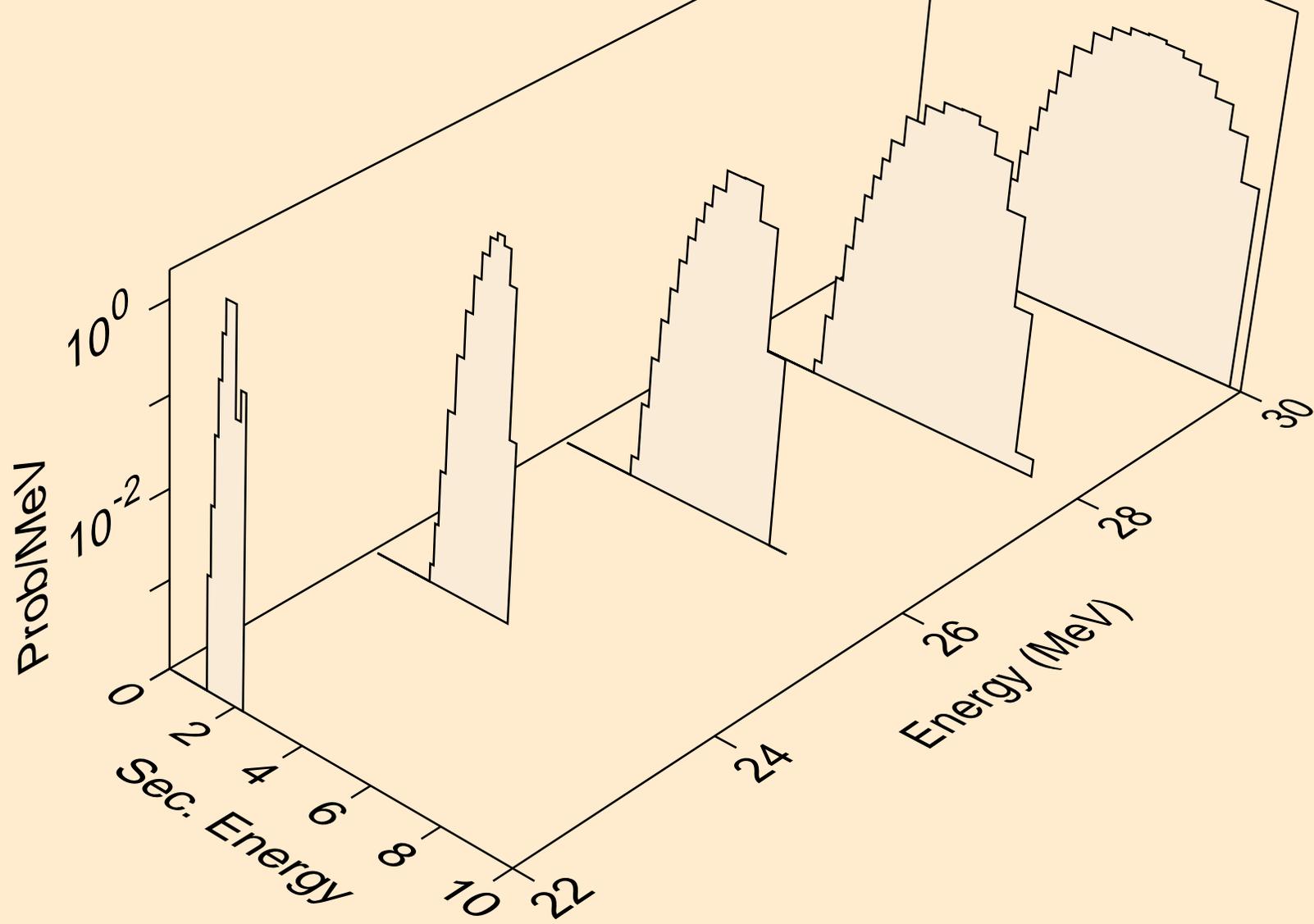RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,pd)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,x)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,n*)p

Prob/MeV

10^{-1}
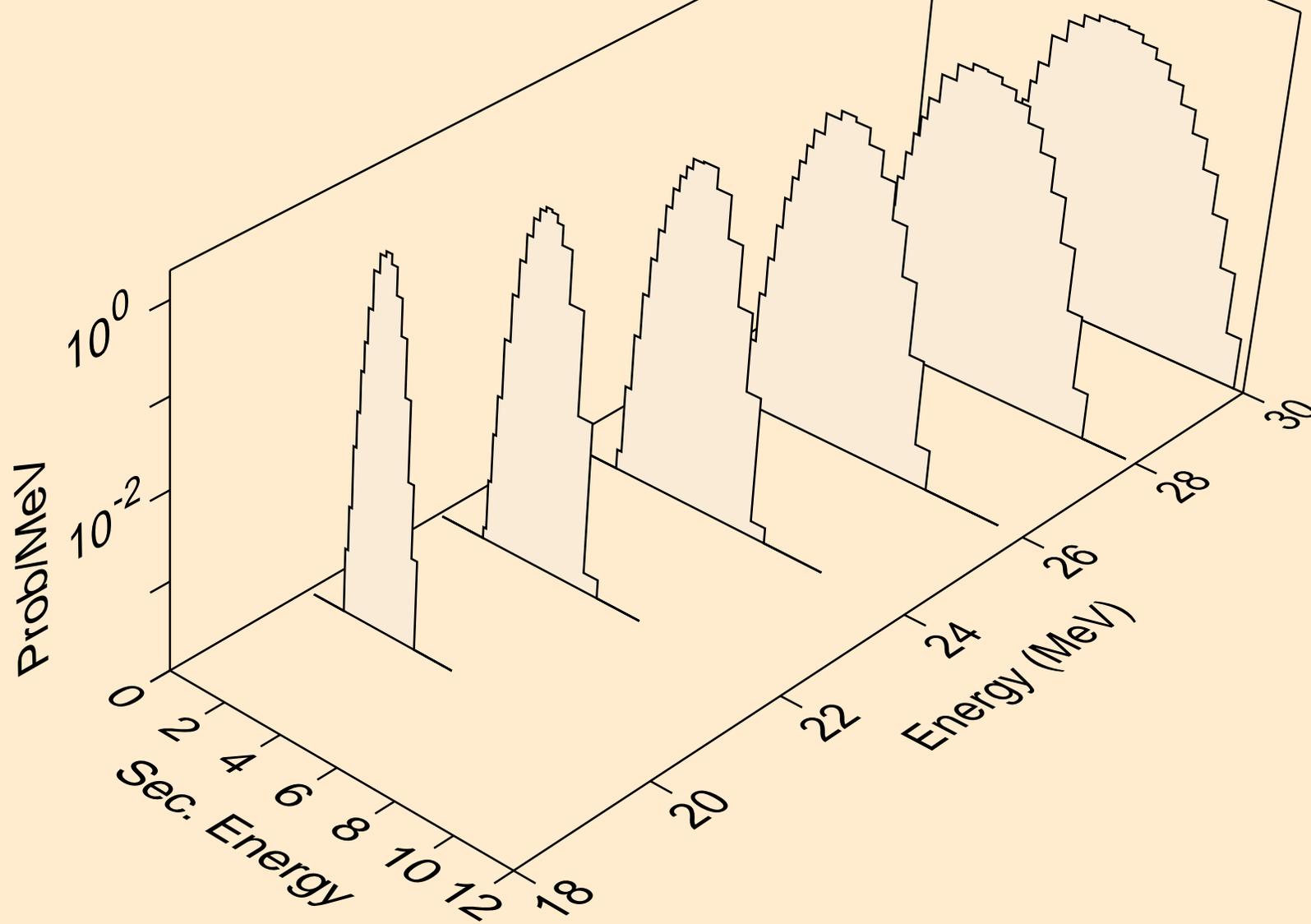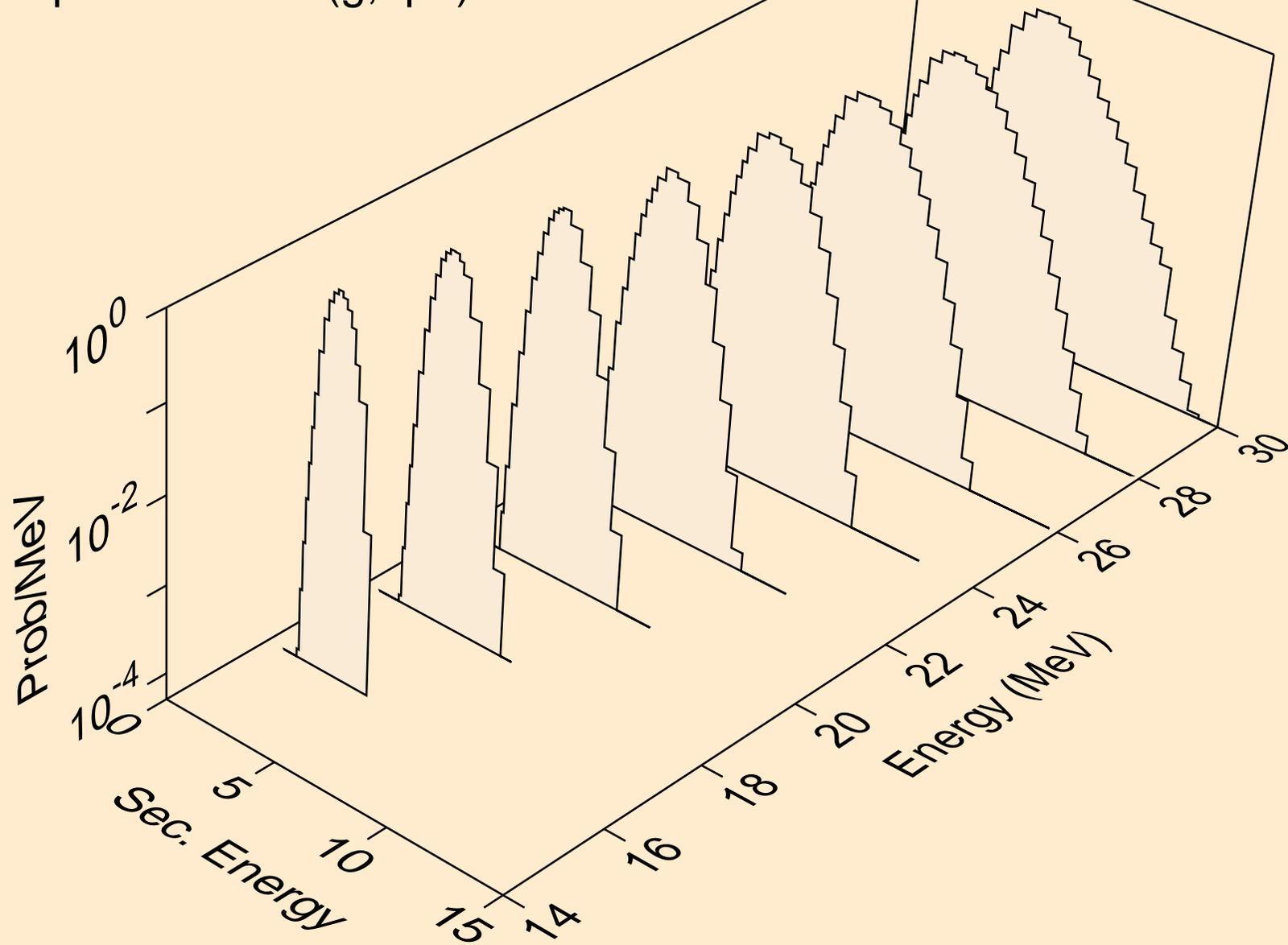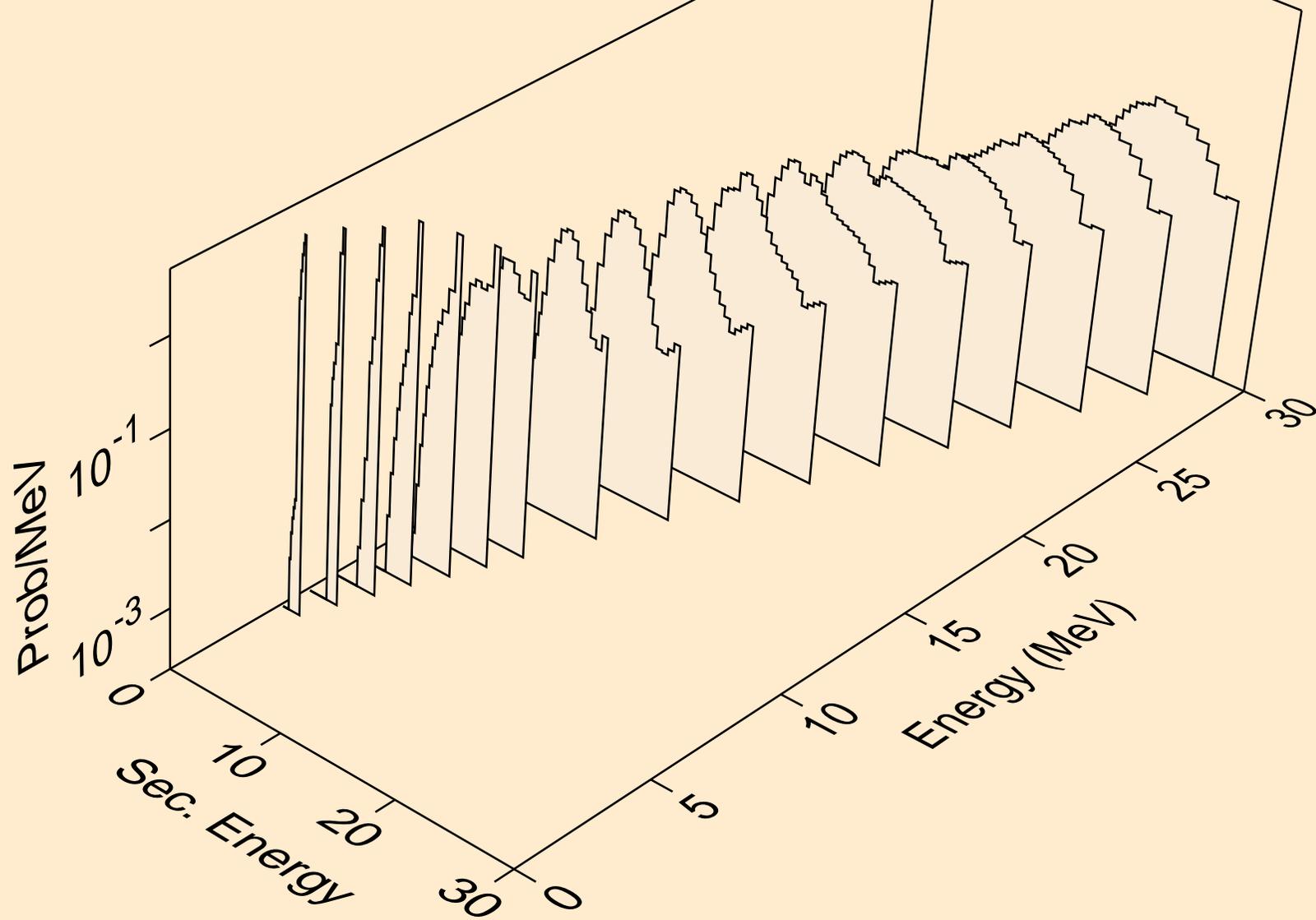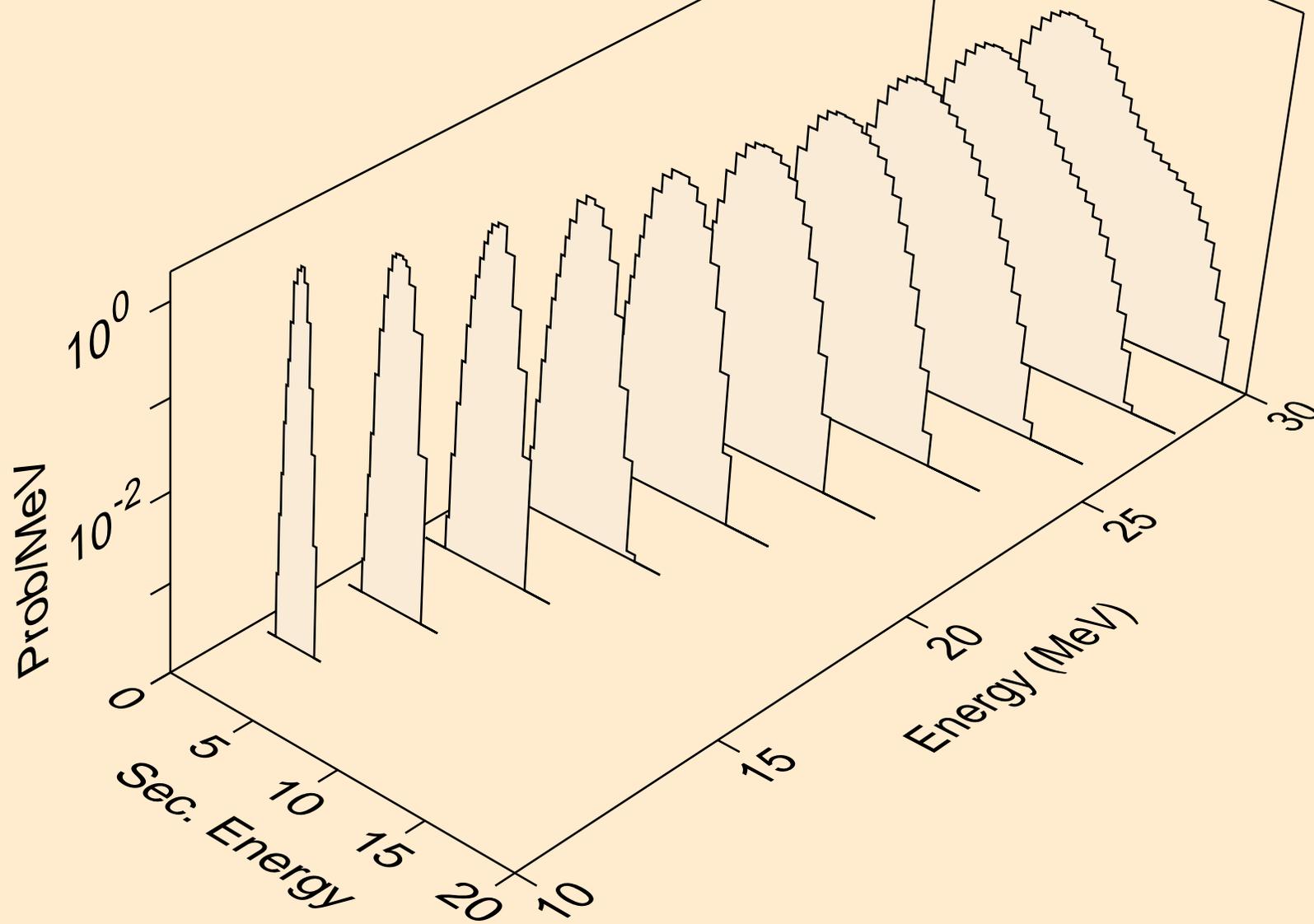
10^{-3}

Sec. Energy

Energy (MeV)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,2np)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,2np)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,npa)

Prob/MeV

10^0

10^{-2}

10^{-4}

Sec. Energy

5

10

15

Energy (MeV)
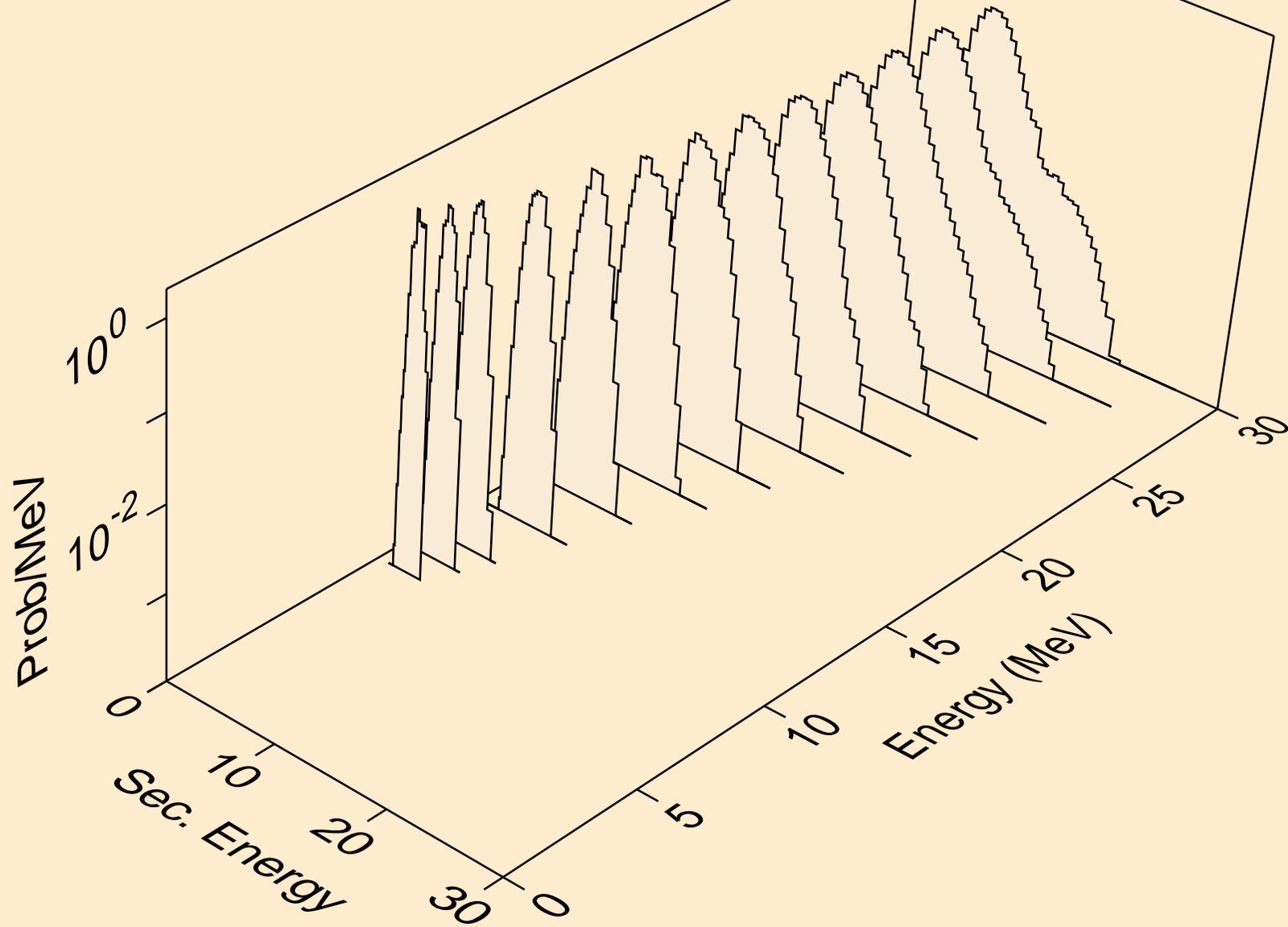
14

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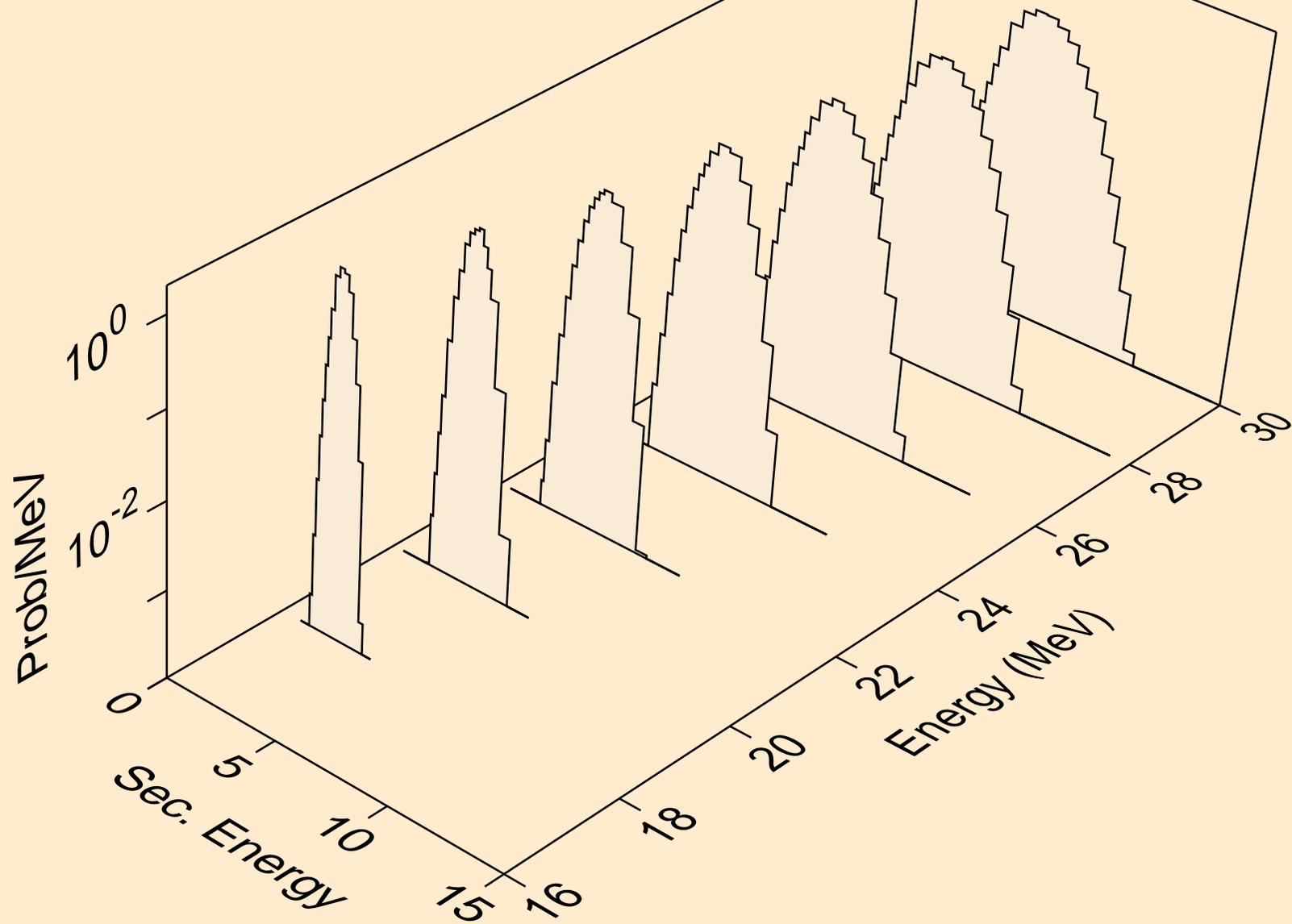RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,p)

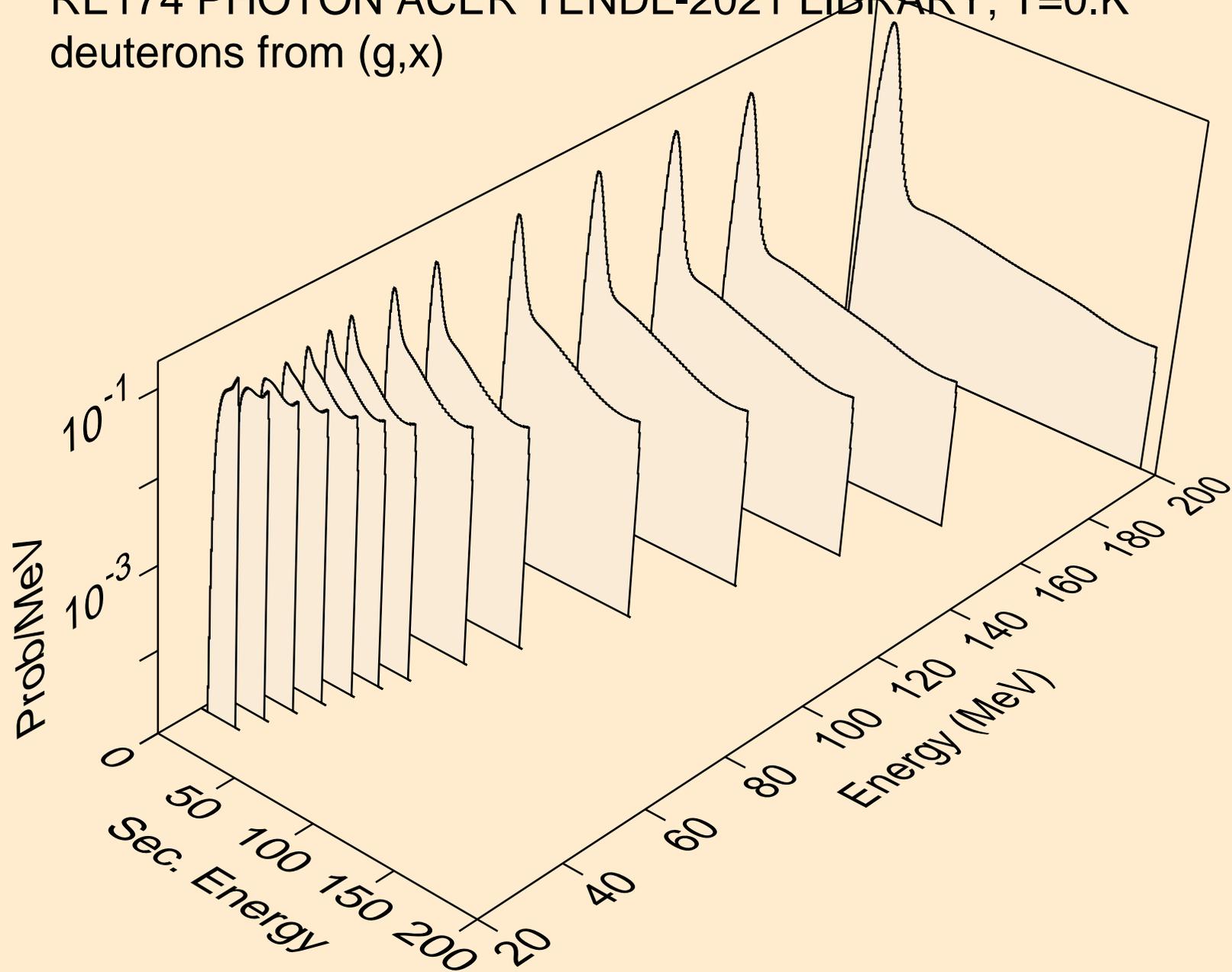RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,2p)

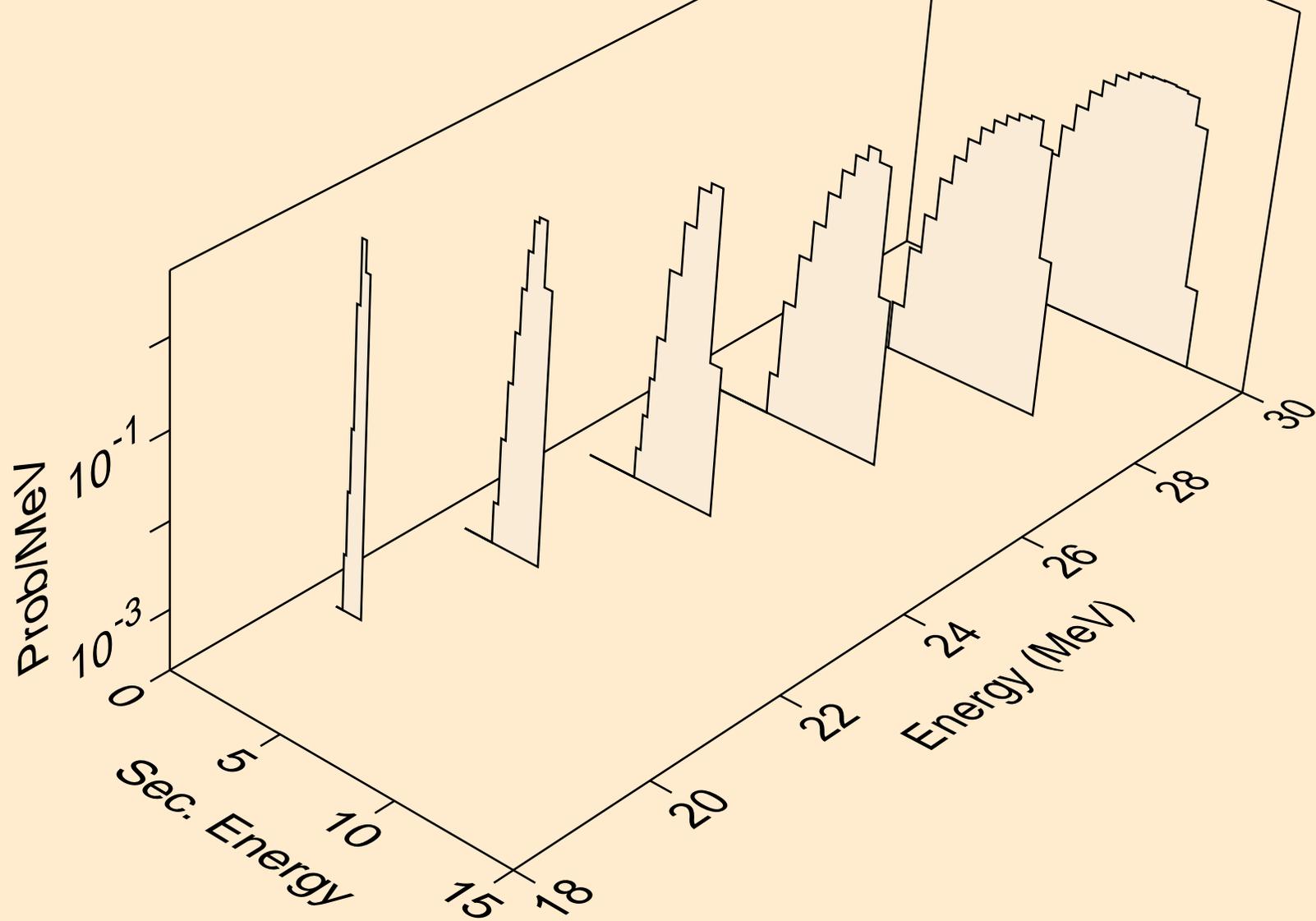RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,pa)

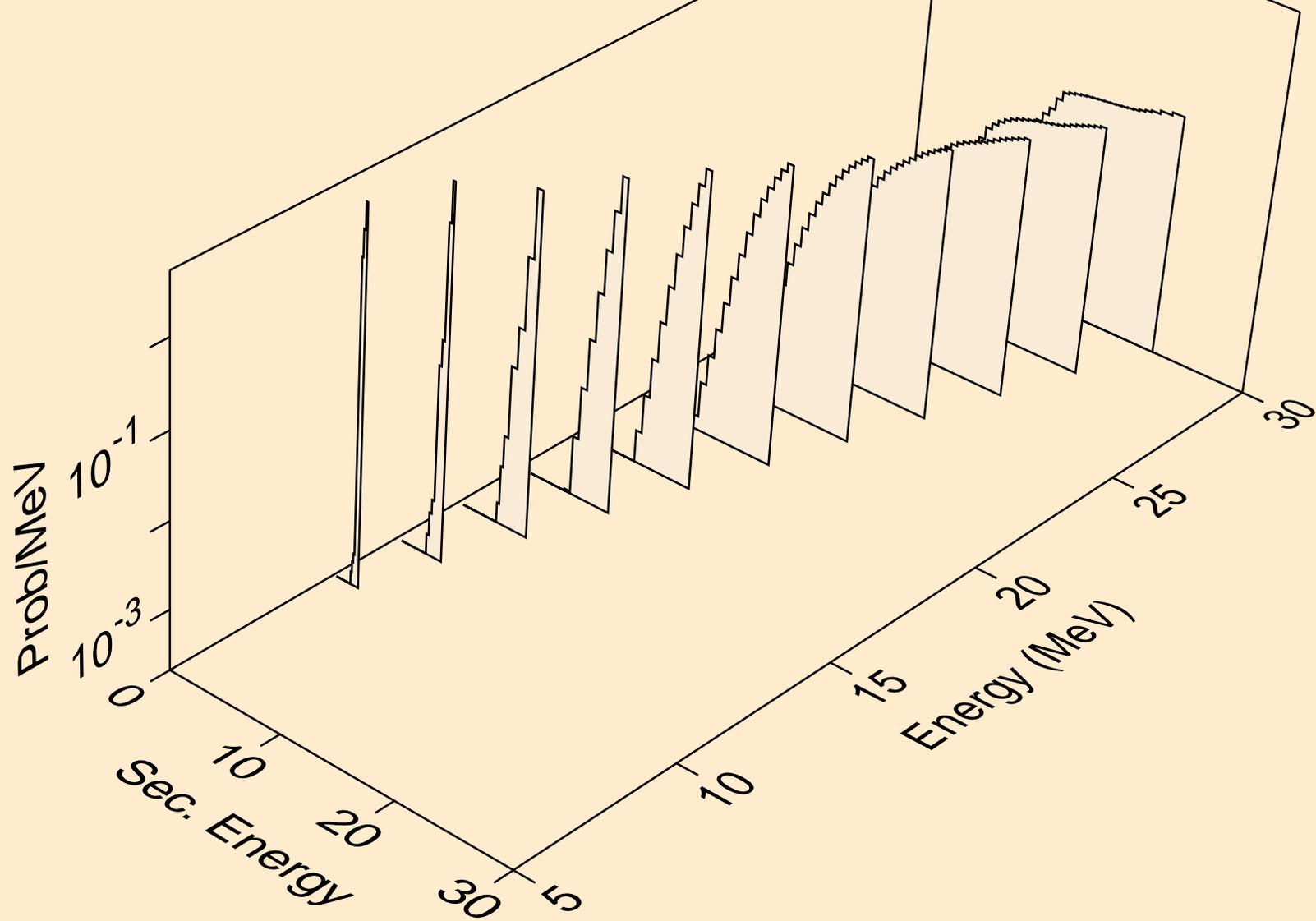RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,pd)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
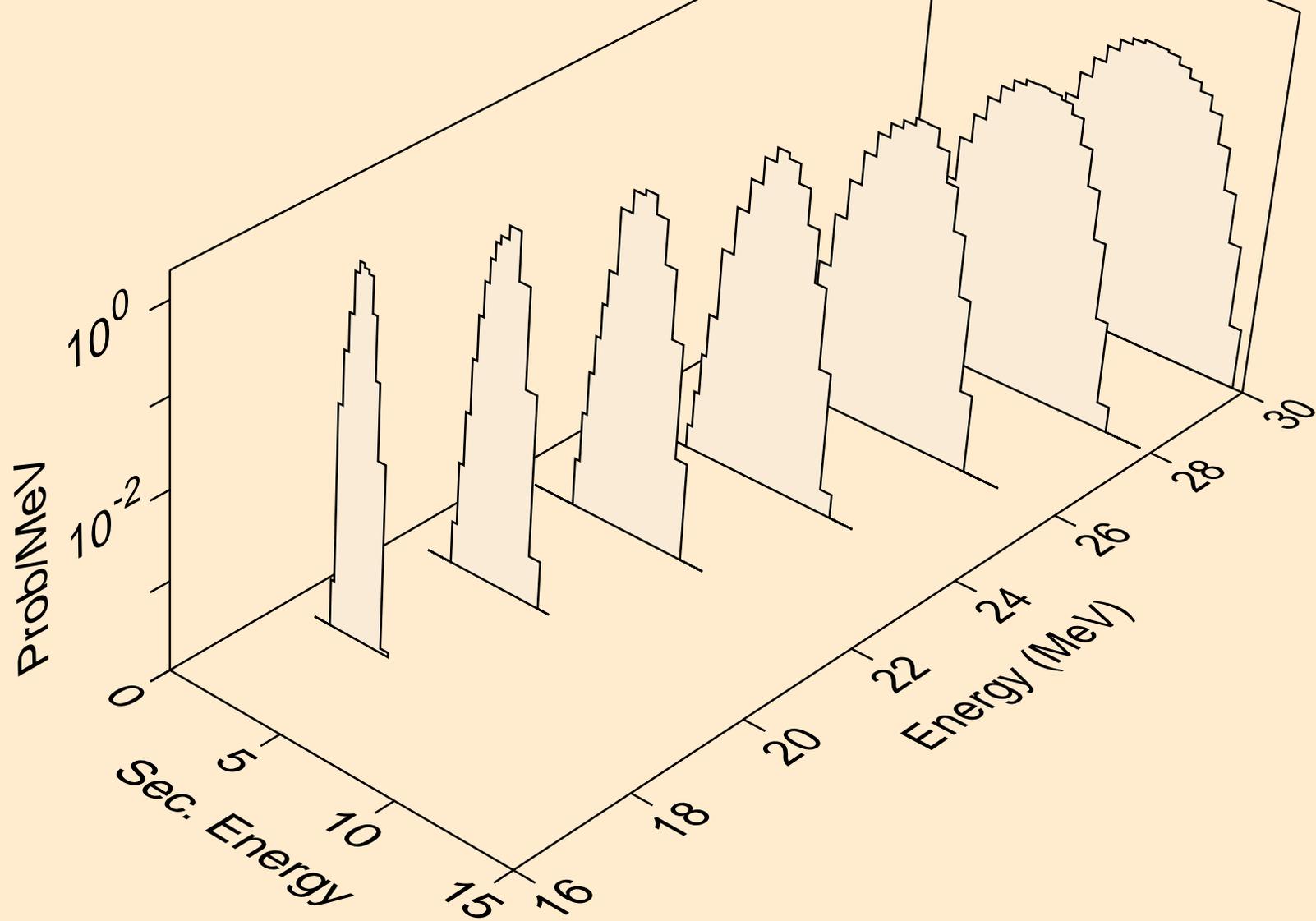deuterons from (g,x)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
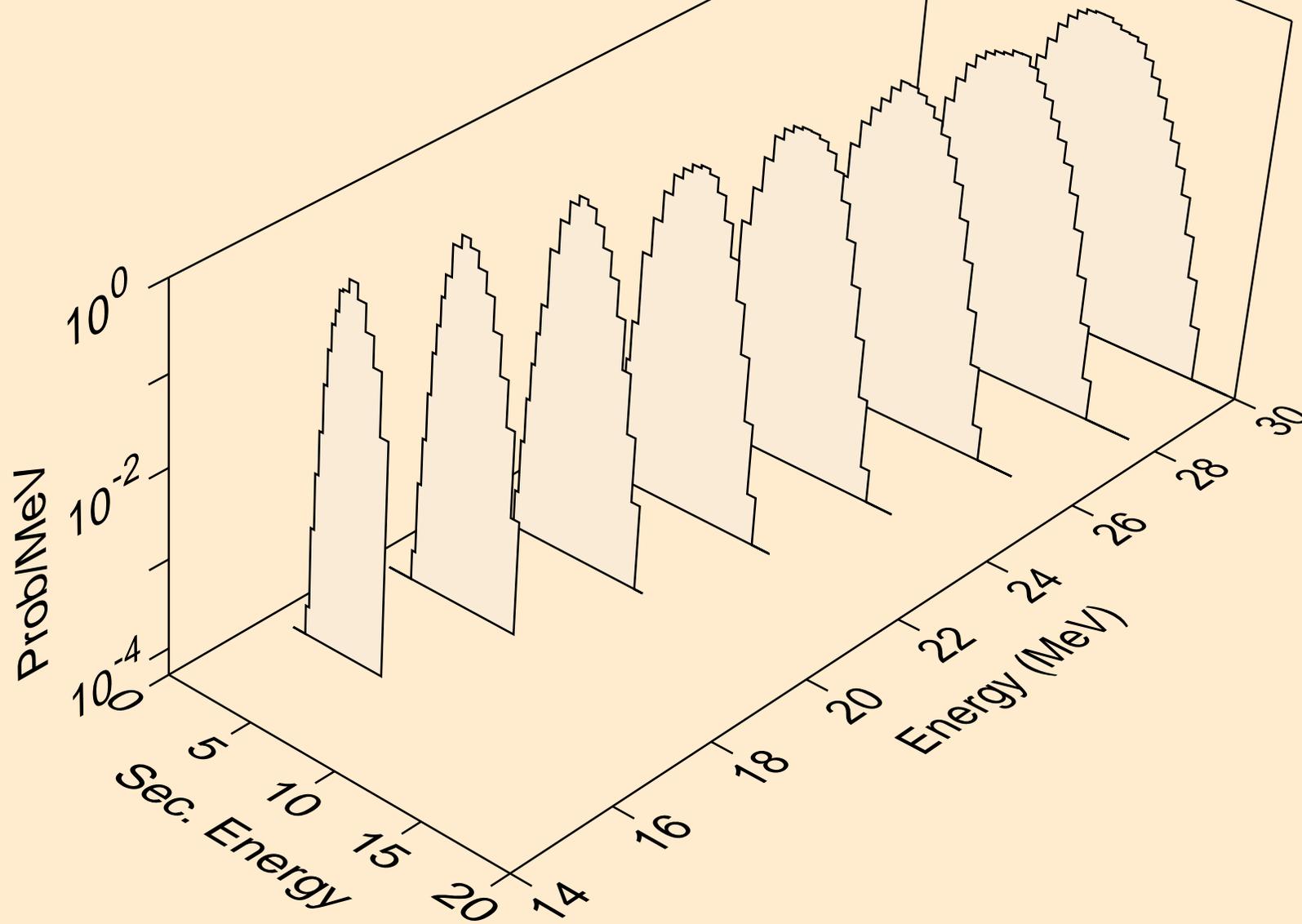deuterons from (g,n*)d

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
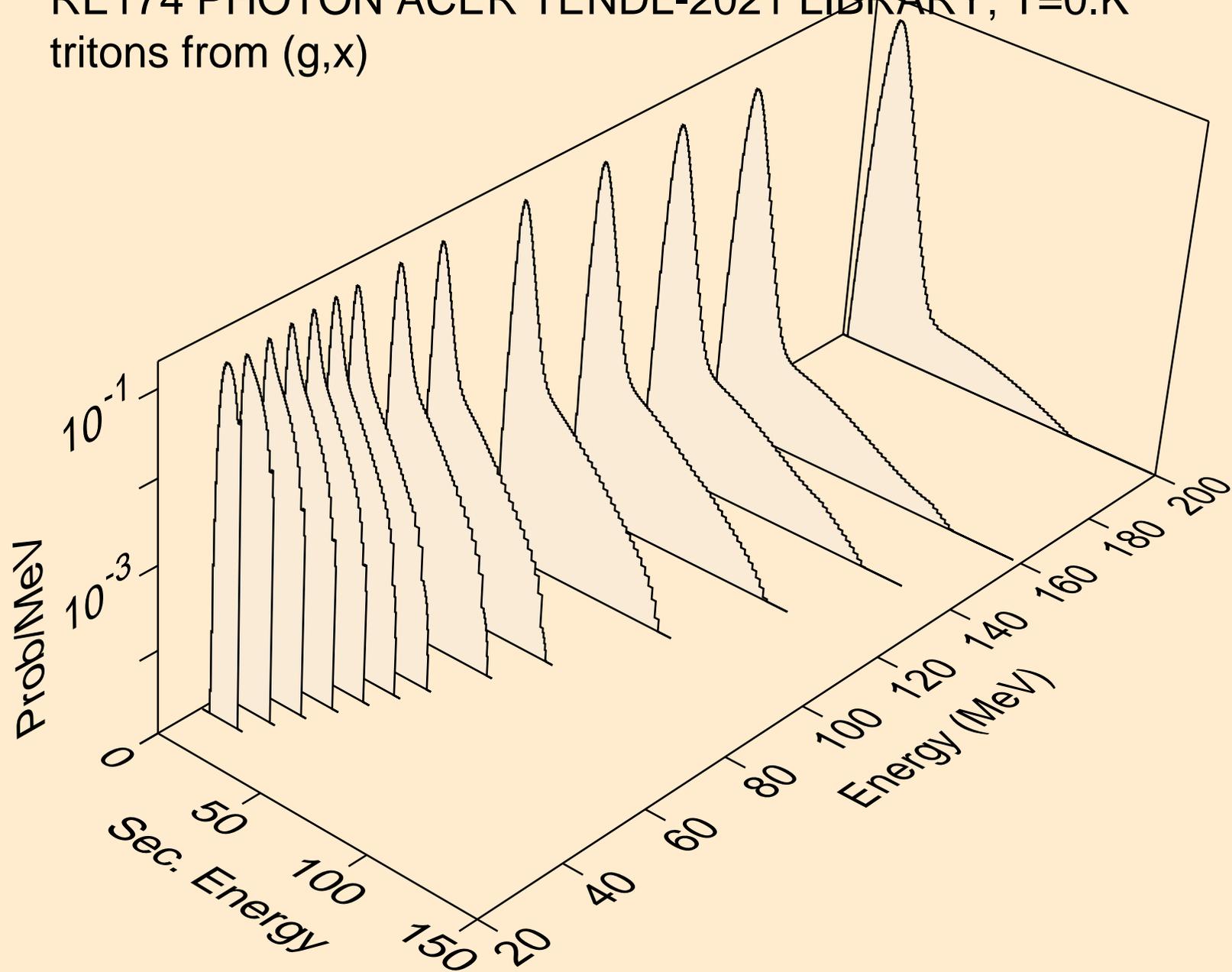deuterons from (g,d)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (g,pd)
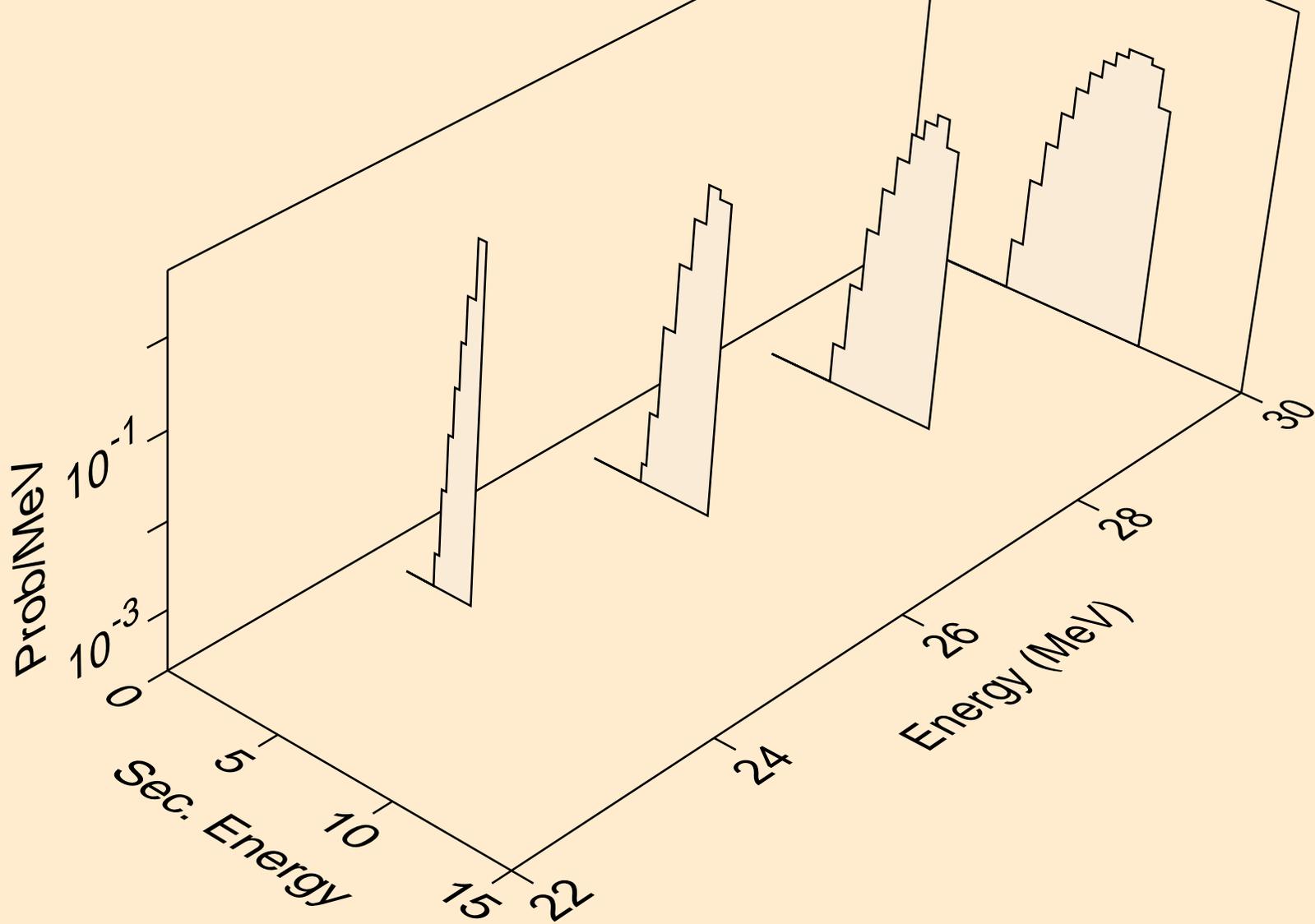
ProbIMeV

Sec. Energy

Energy (MeV)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
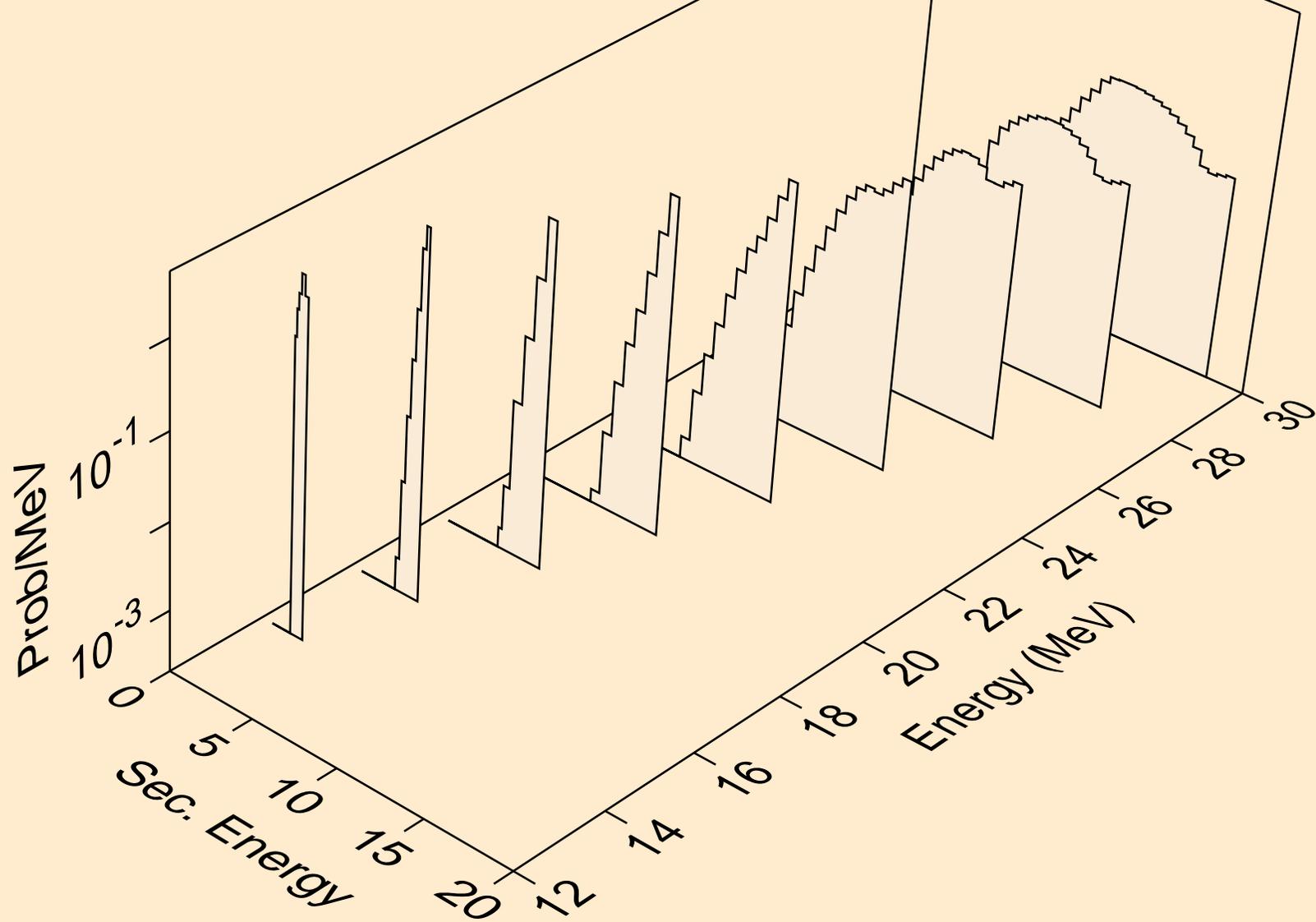deuterons from (g,da)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
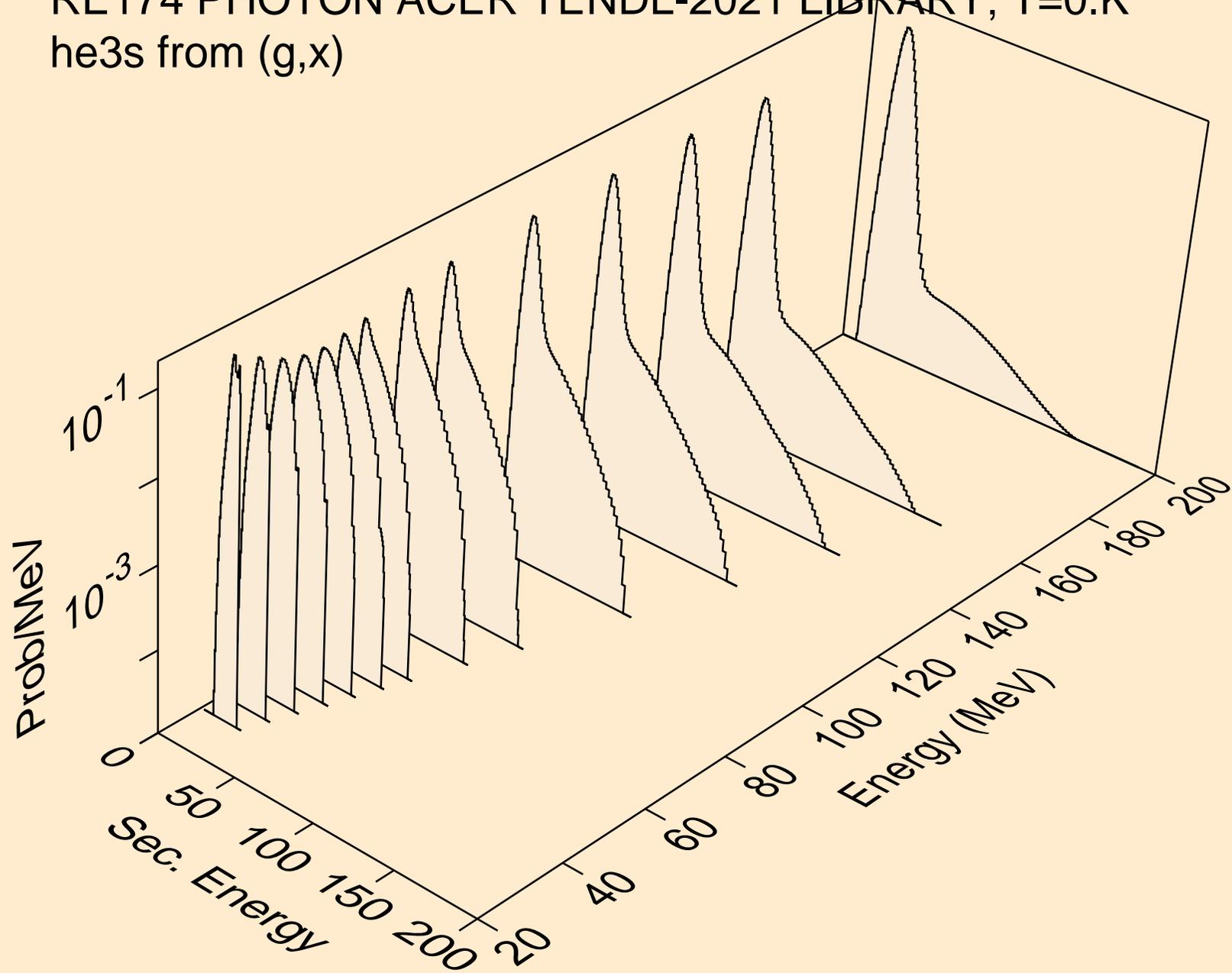tritons from (g,x)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
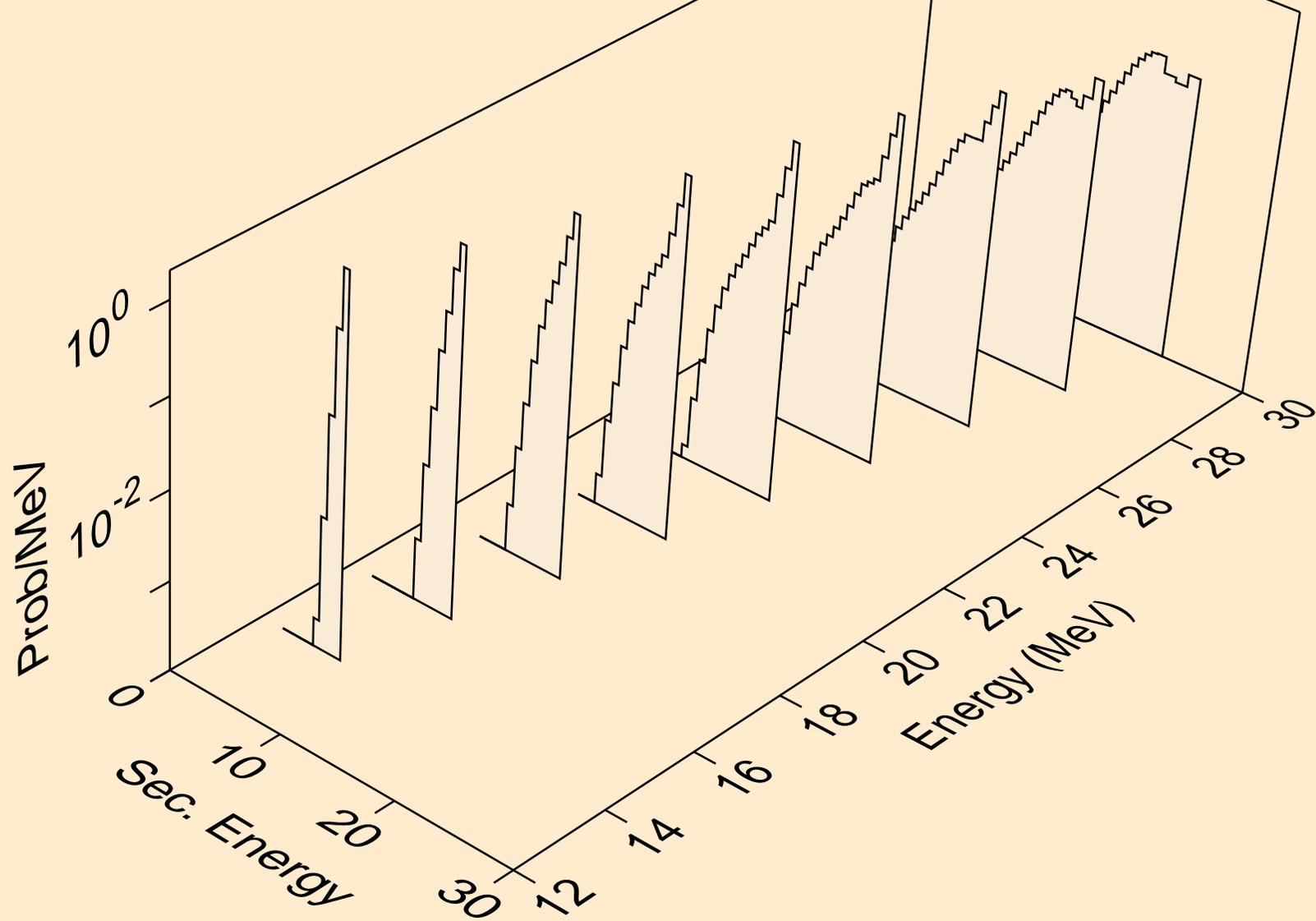tritons from (g,n*)t

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
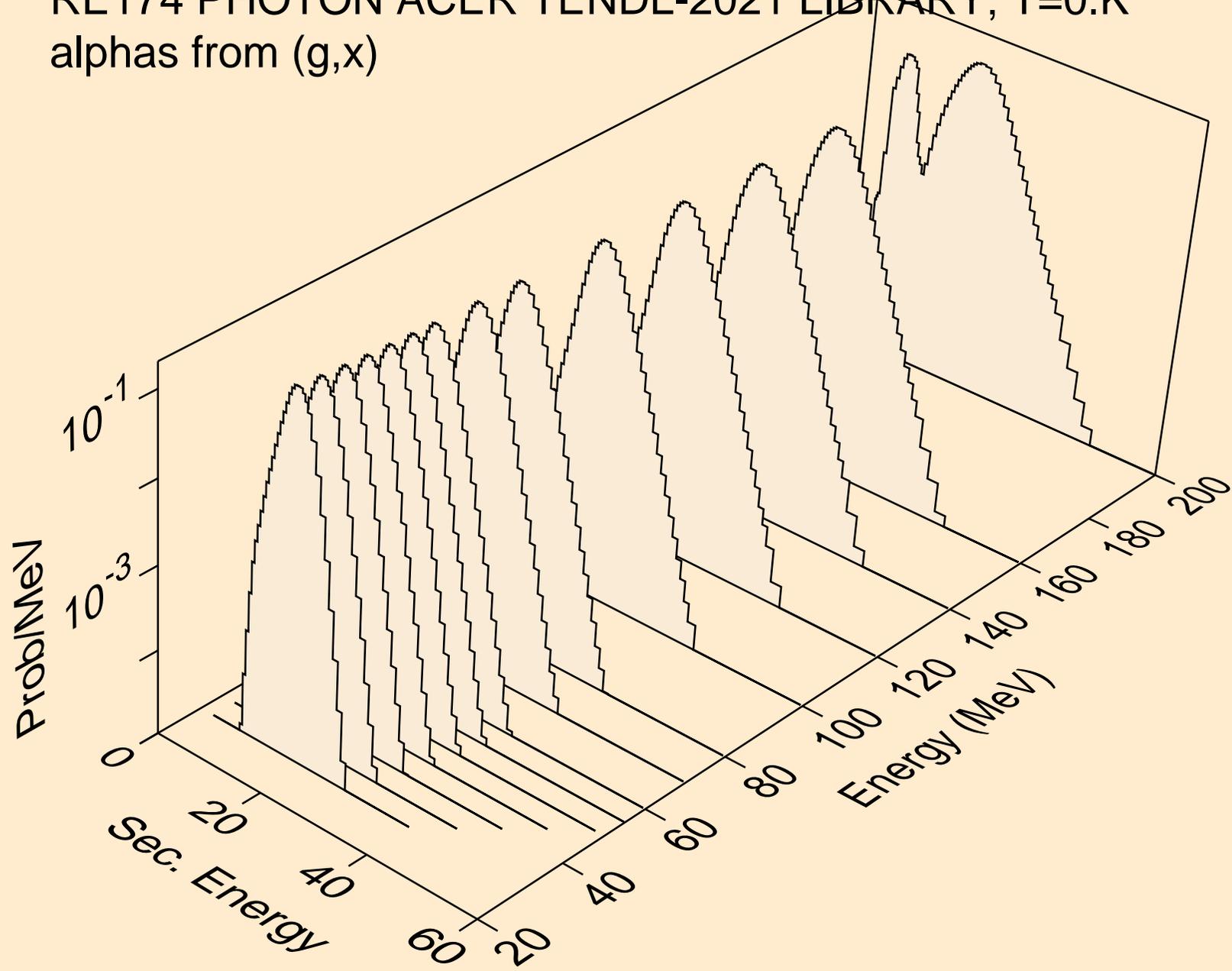tritons from (g,t)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
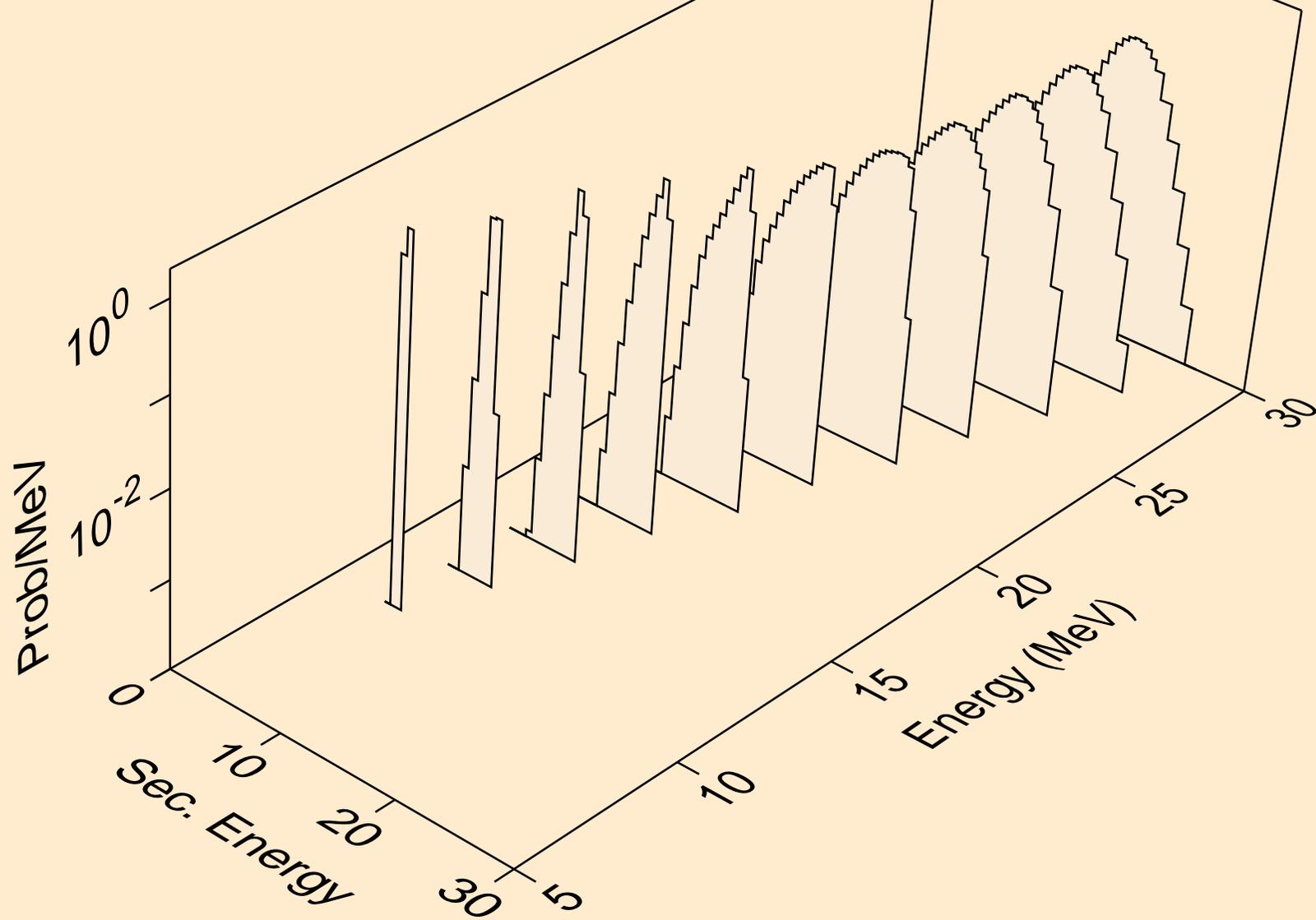he3s from (g,x)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
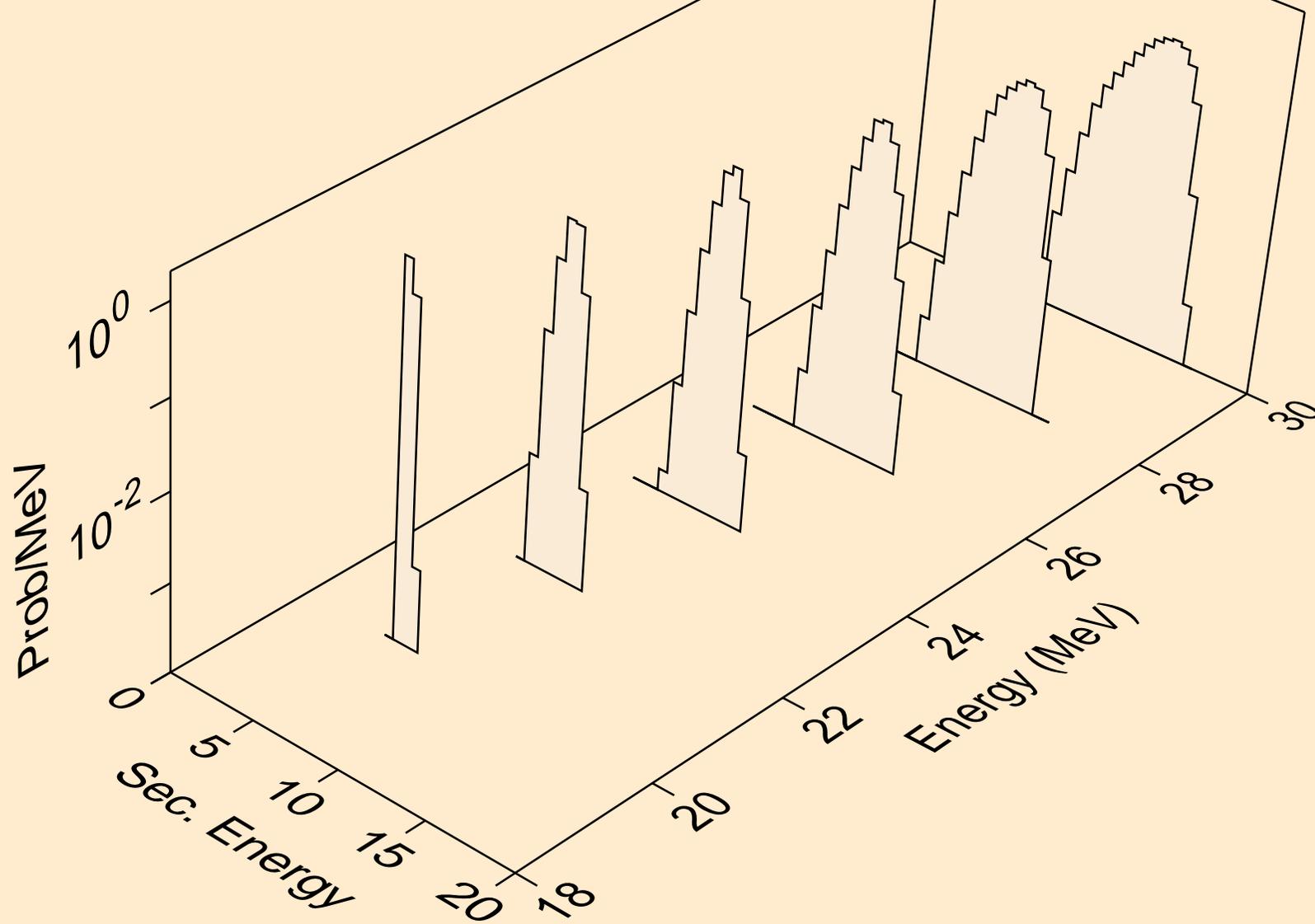he3s from (g,he3)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,x)

Prob/MeV

10^{-1}

10^{-3}

0

Sec. Energy

20

40

60

Energy (MeV)

20

40
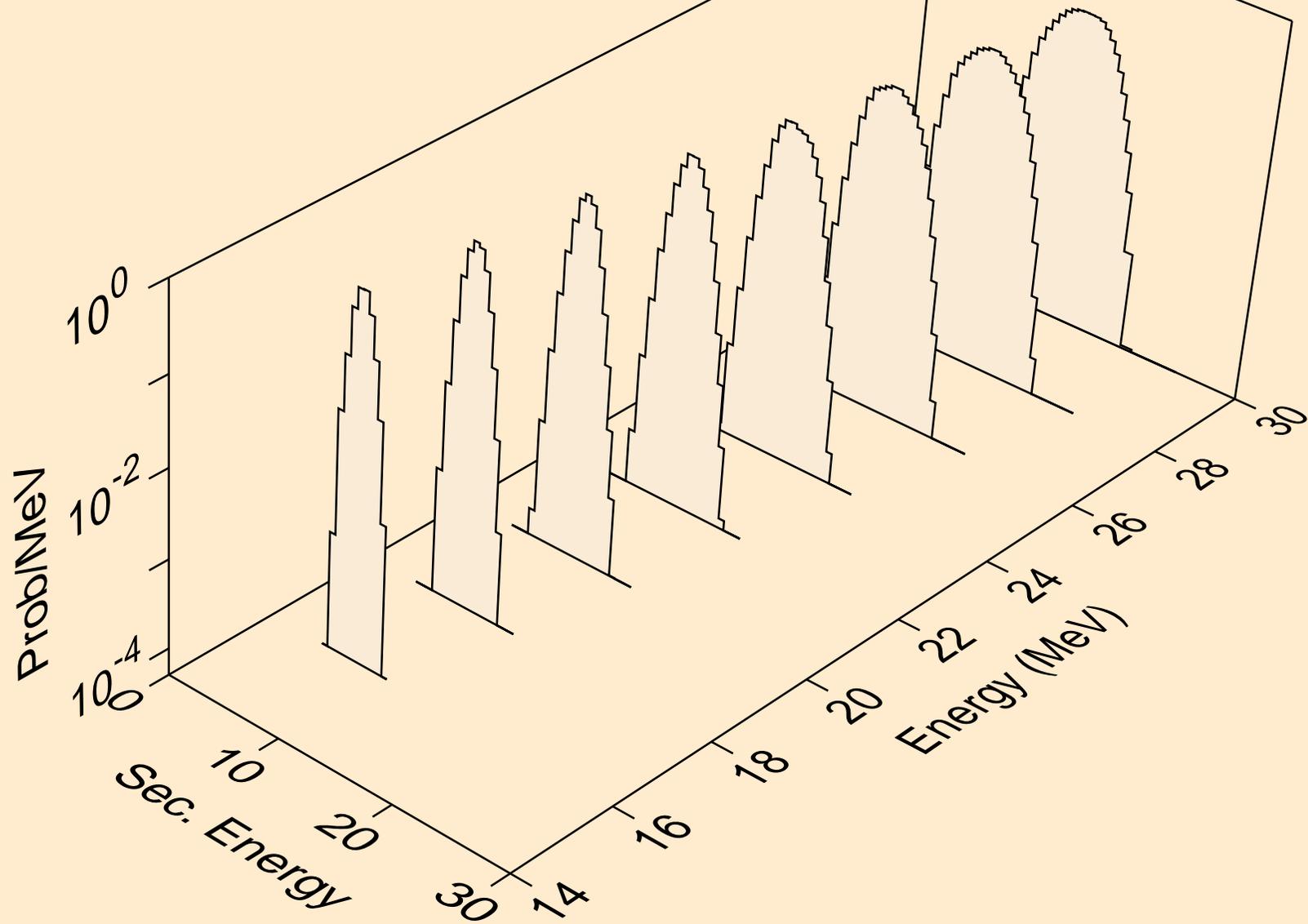
60

80

100

120

140

160

180 200

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
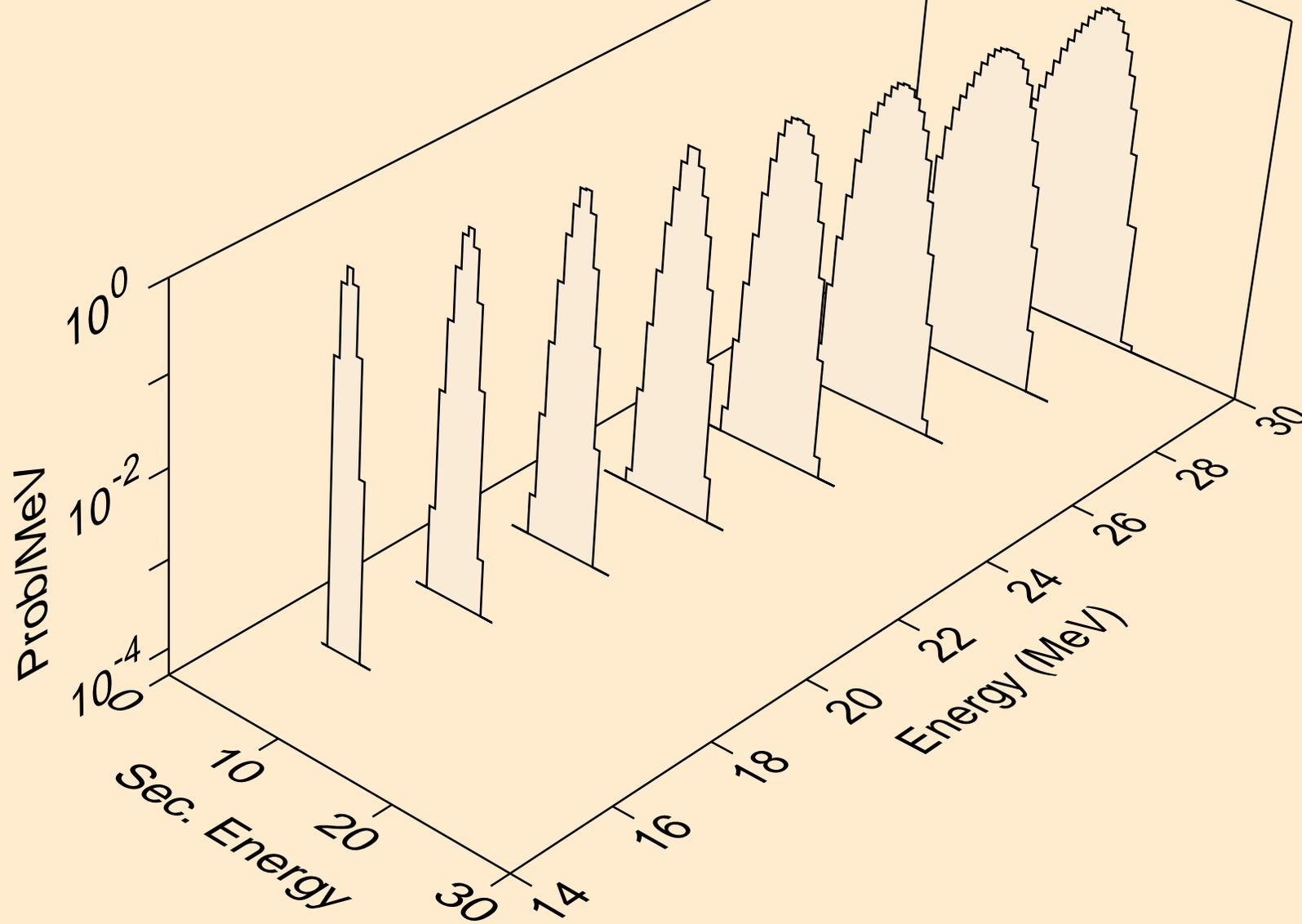alphas from (g,n*)a

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
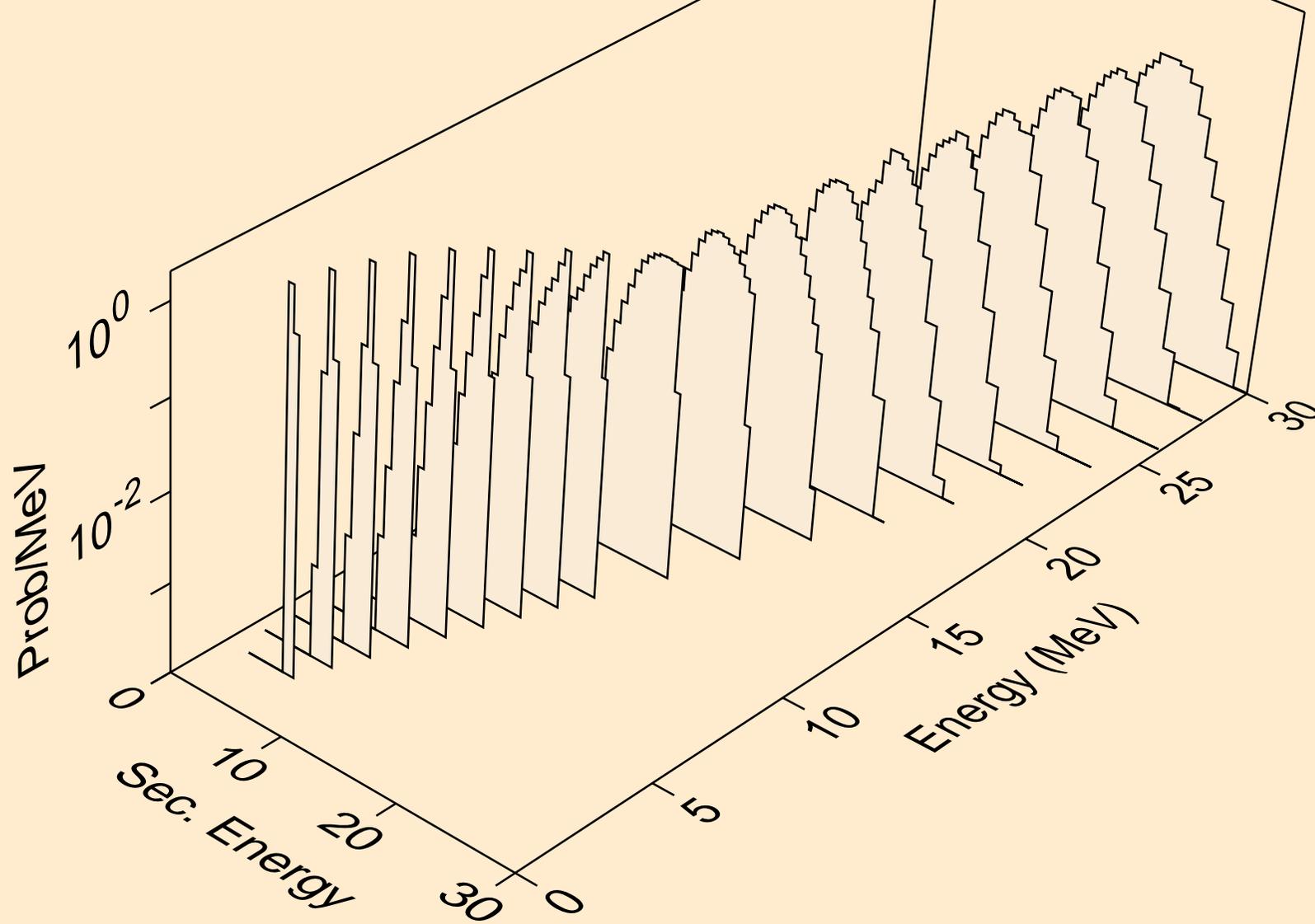alphas from (g,2n)a

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
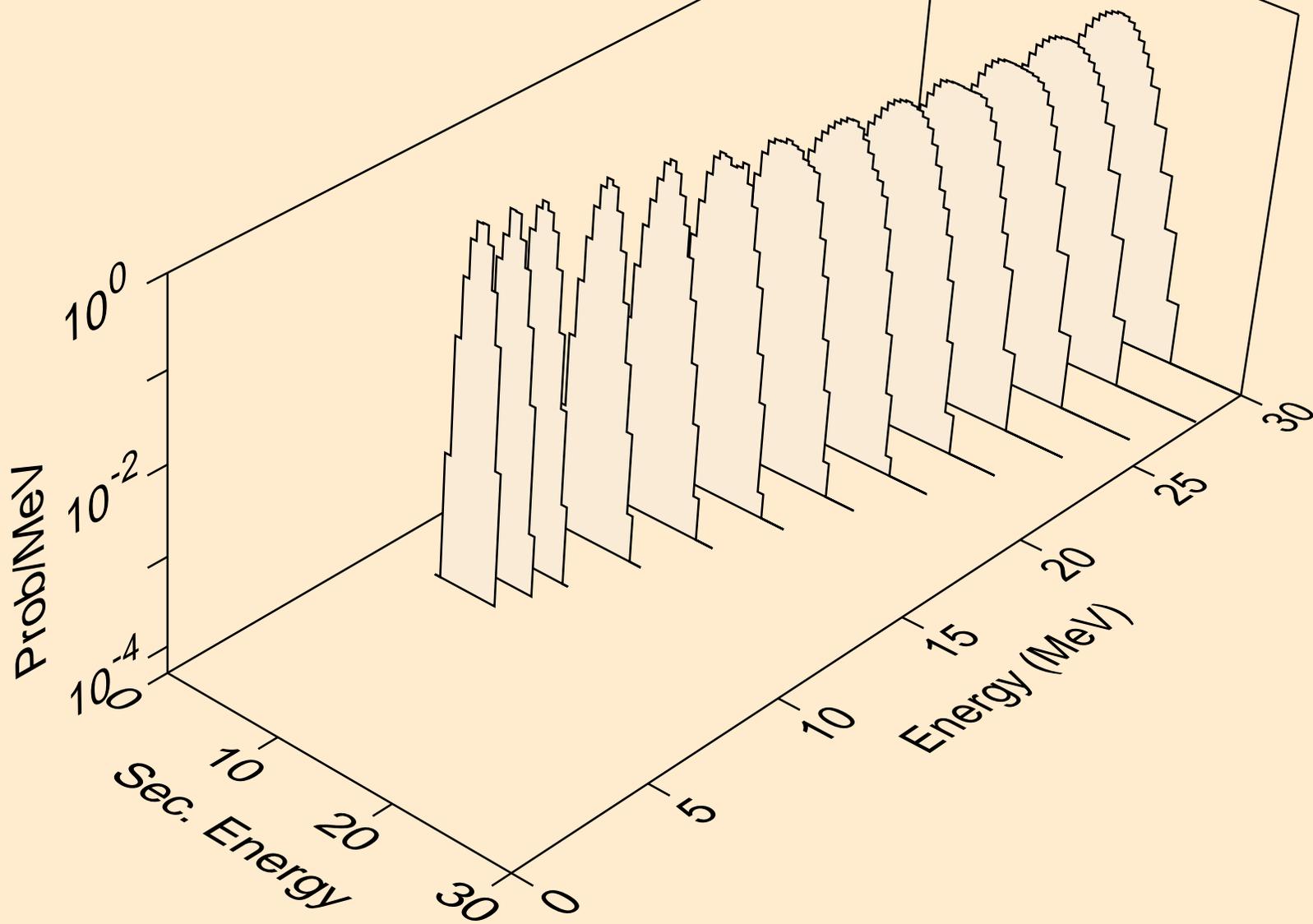alphas from (g,n*)2a

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
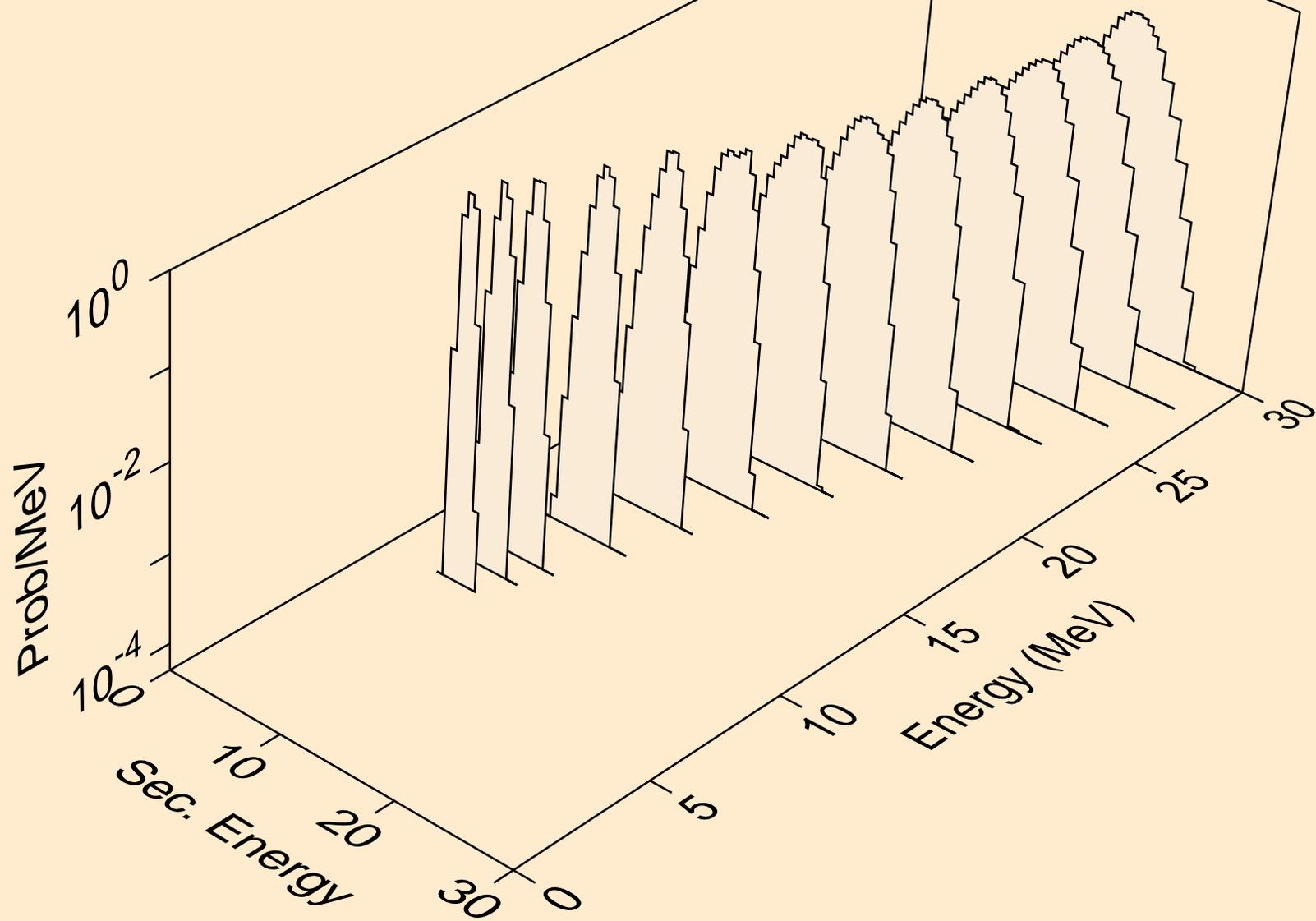alphas from (g,npa)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,a)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,2a)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,pa)

RE174 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,da)