

Program EVALPLOT
(Version 2021-1)

by

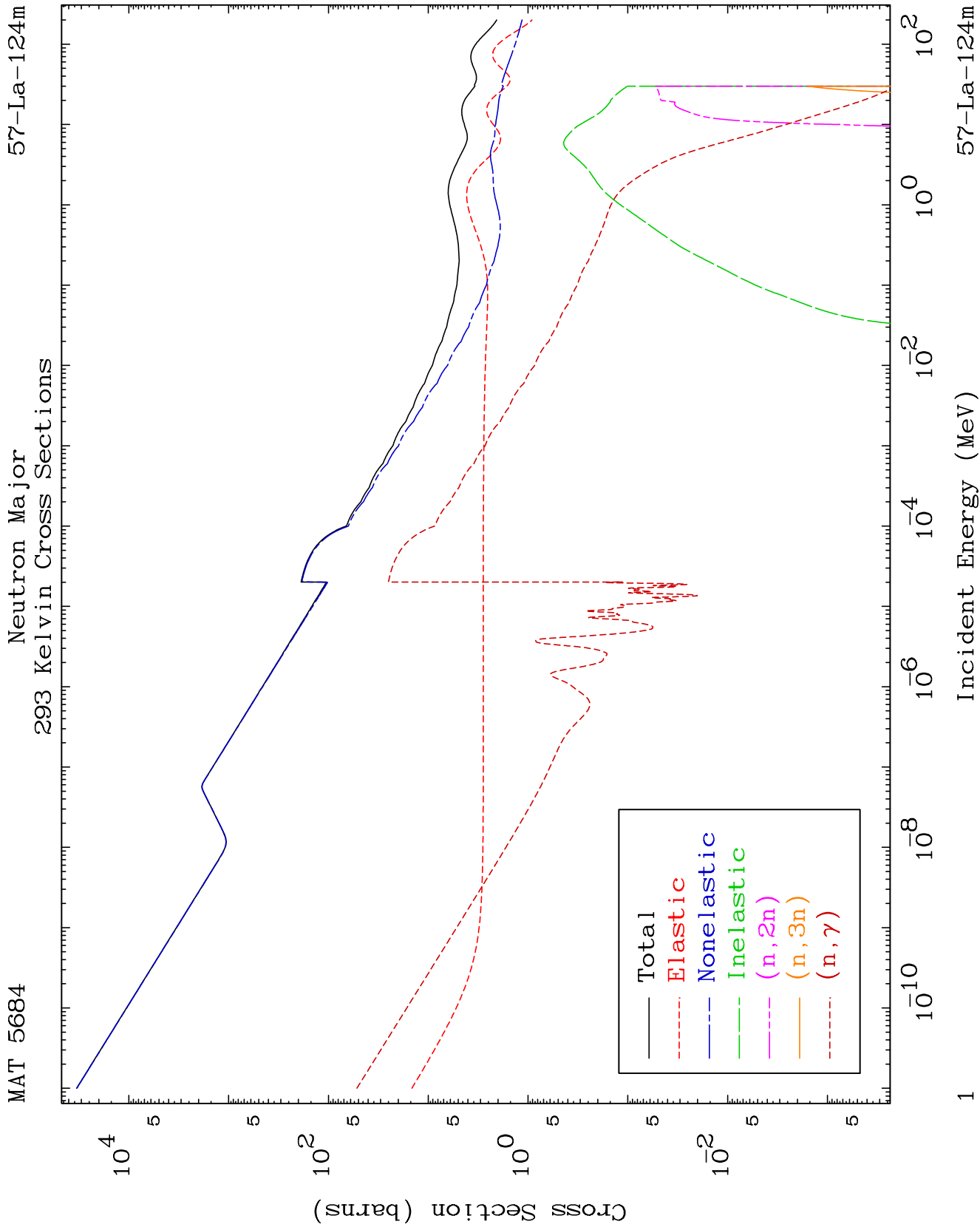
Dermott E. Cullen
(Present Contact Information)

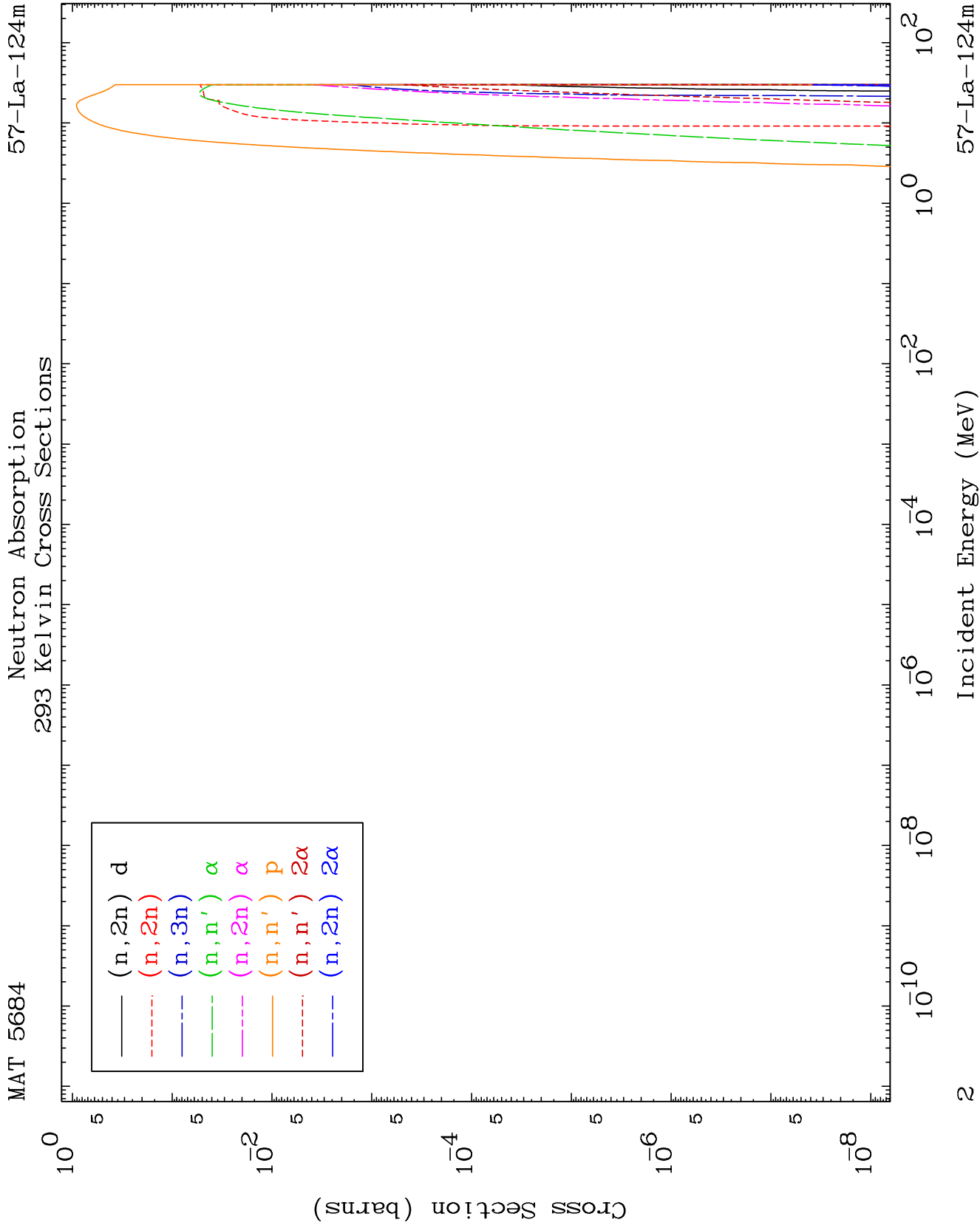
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

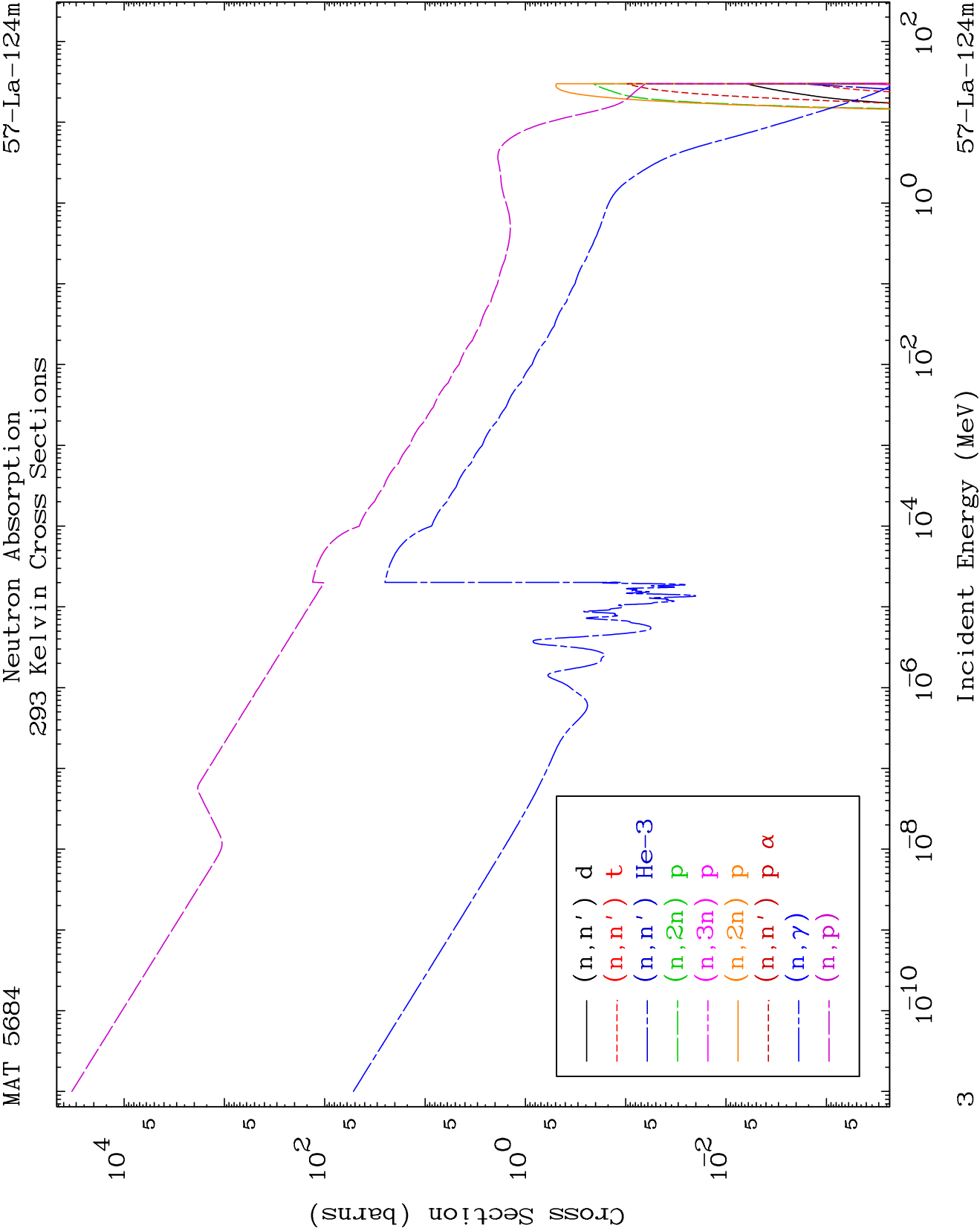
Tele: 925-443-1911

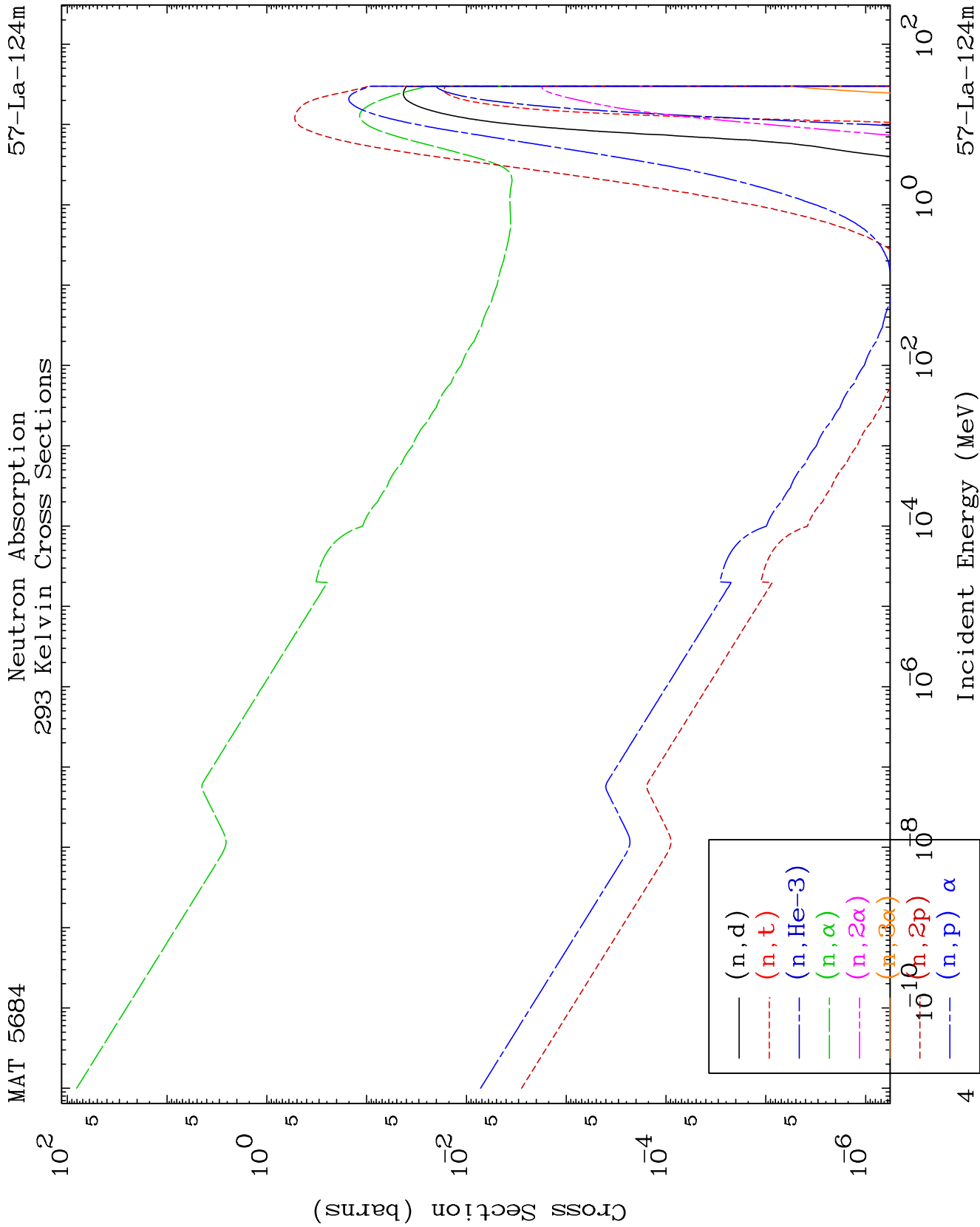
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





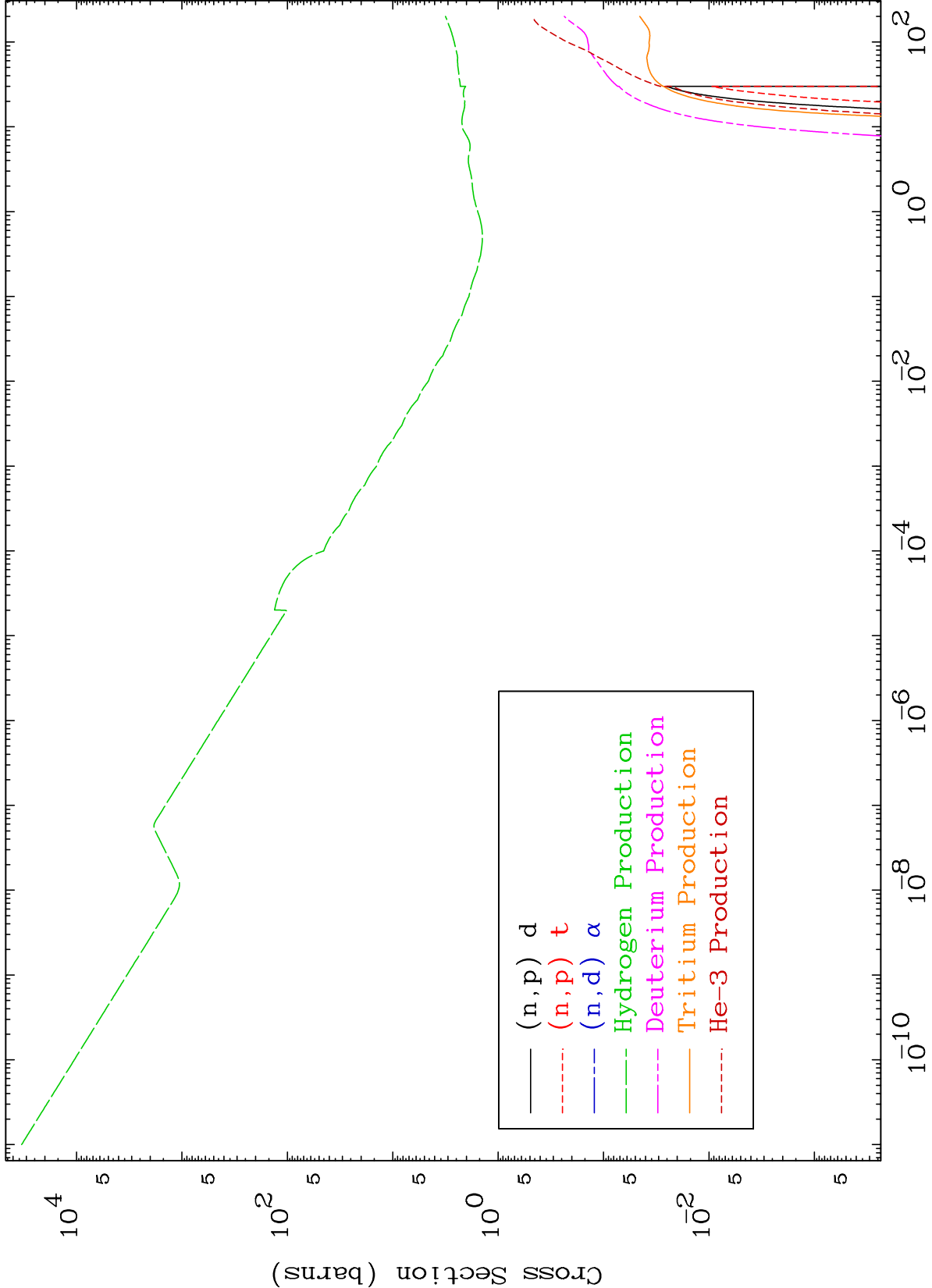


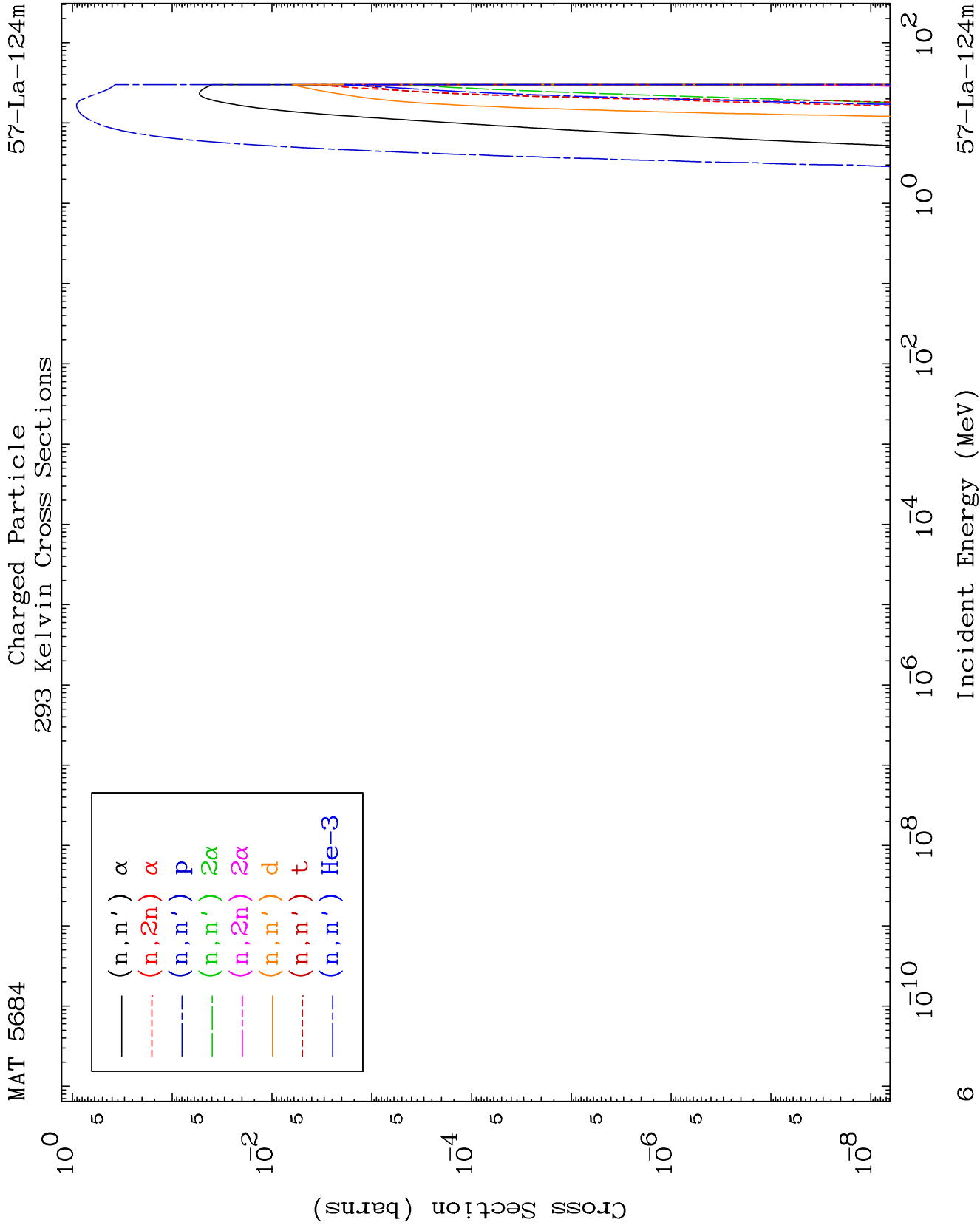


MAT 5684

Neutron Absorption
293 Kelvin Cross Sections

57-La-124m

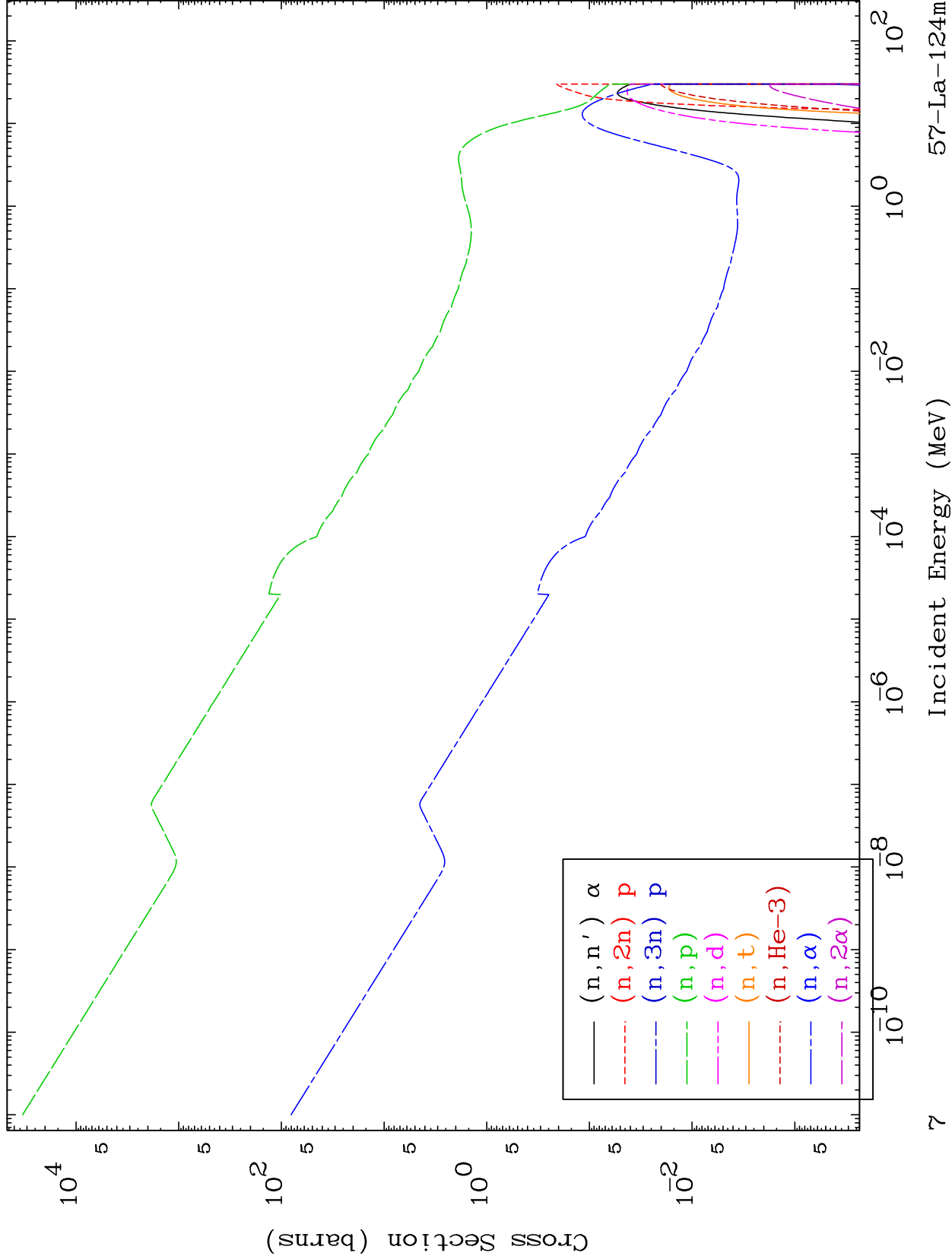


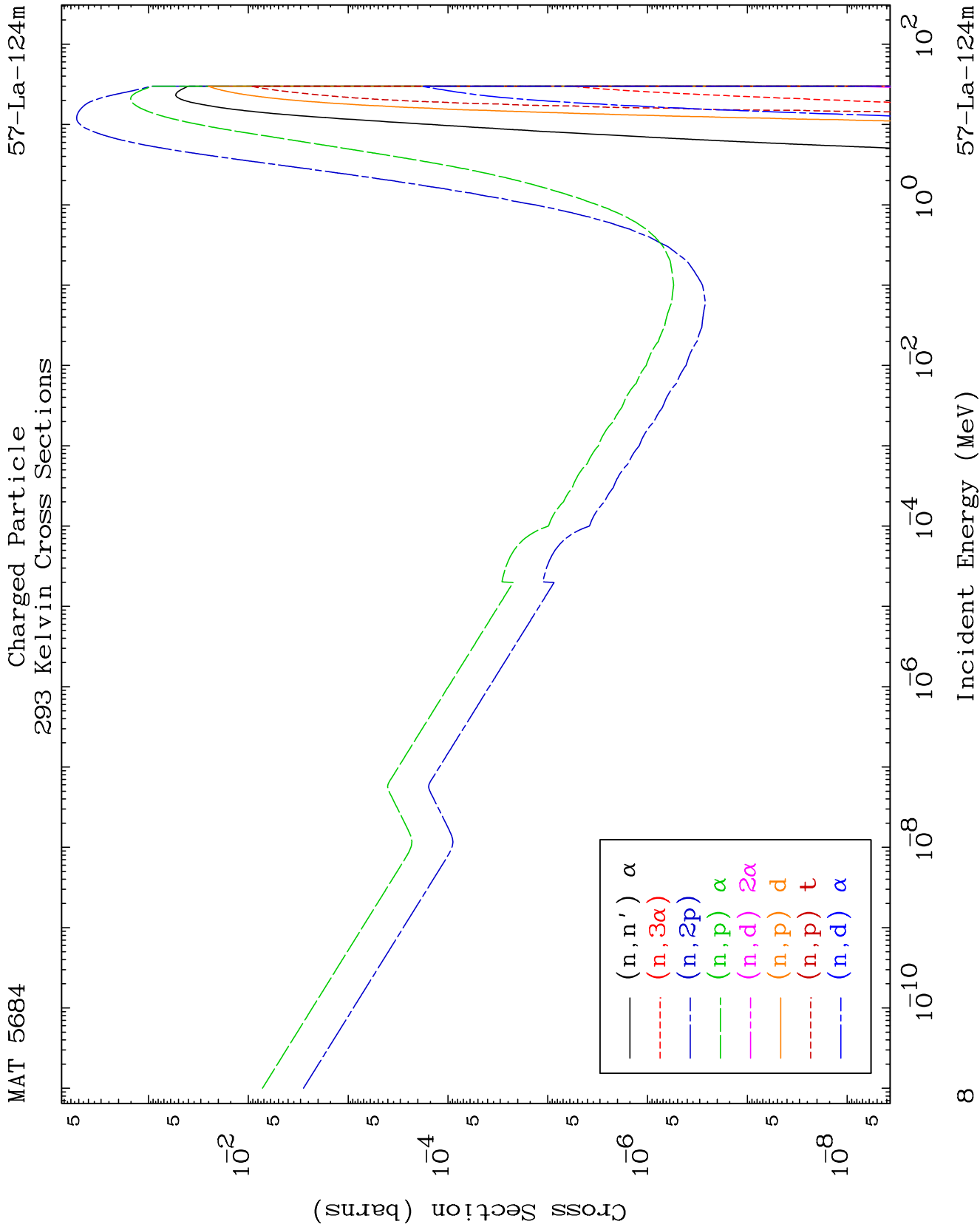


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Charged Particle
293 Kelvin Cross Sections

57-La-124m

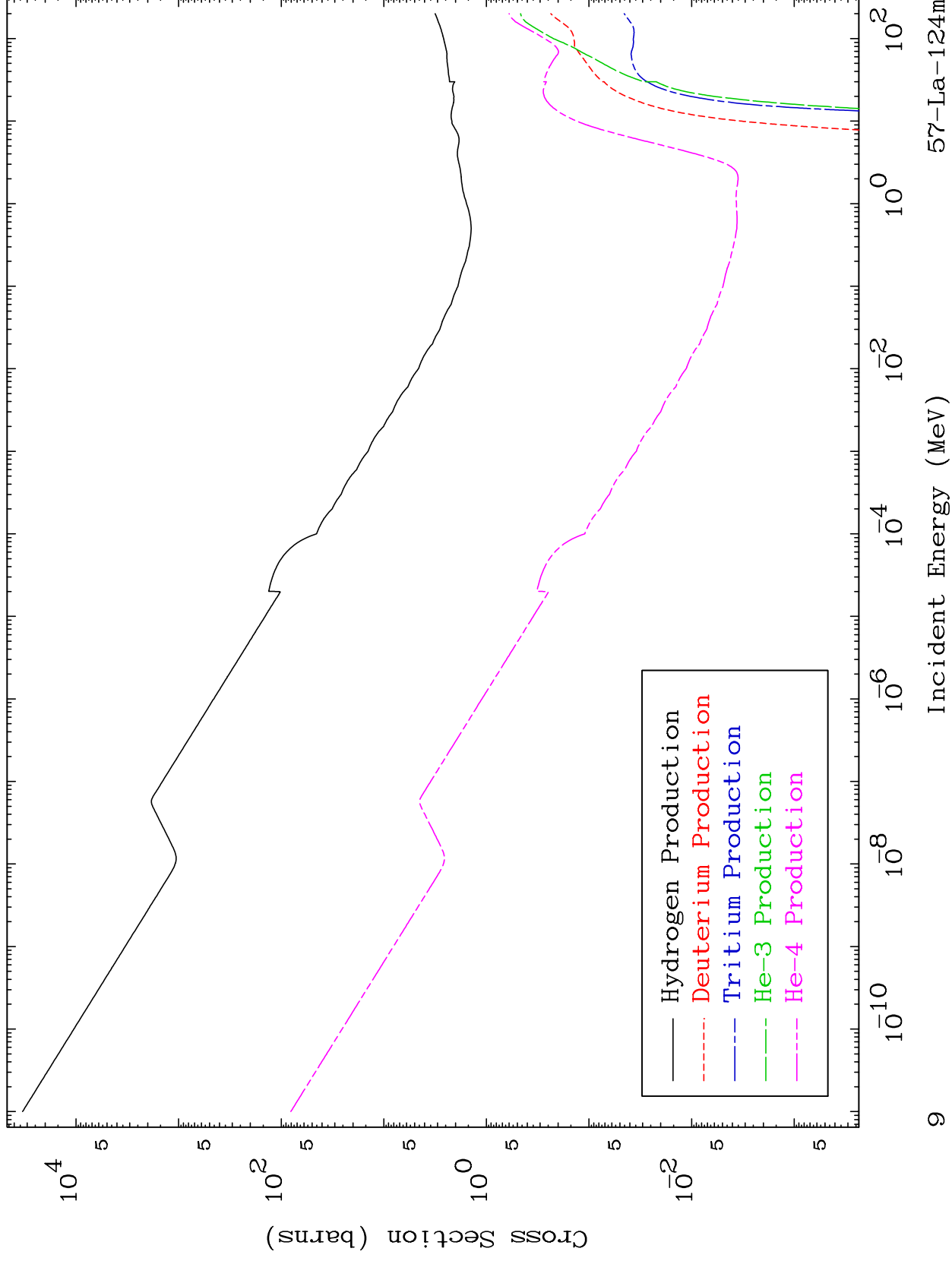


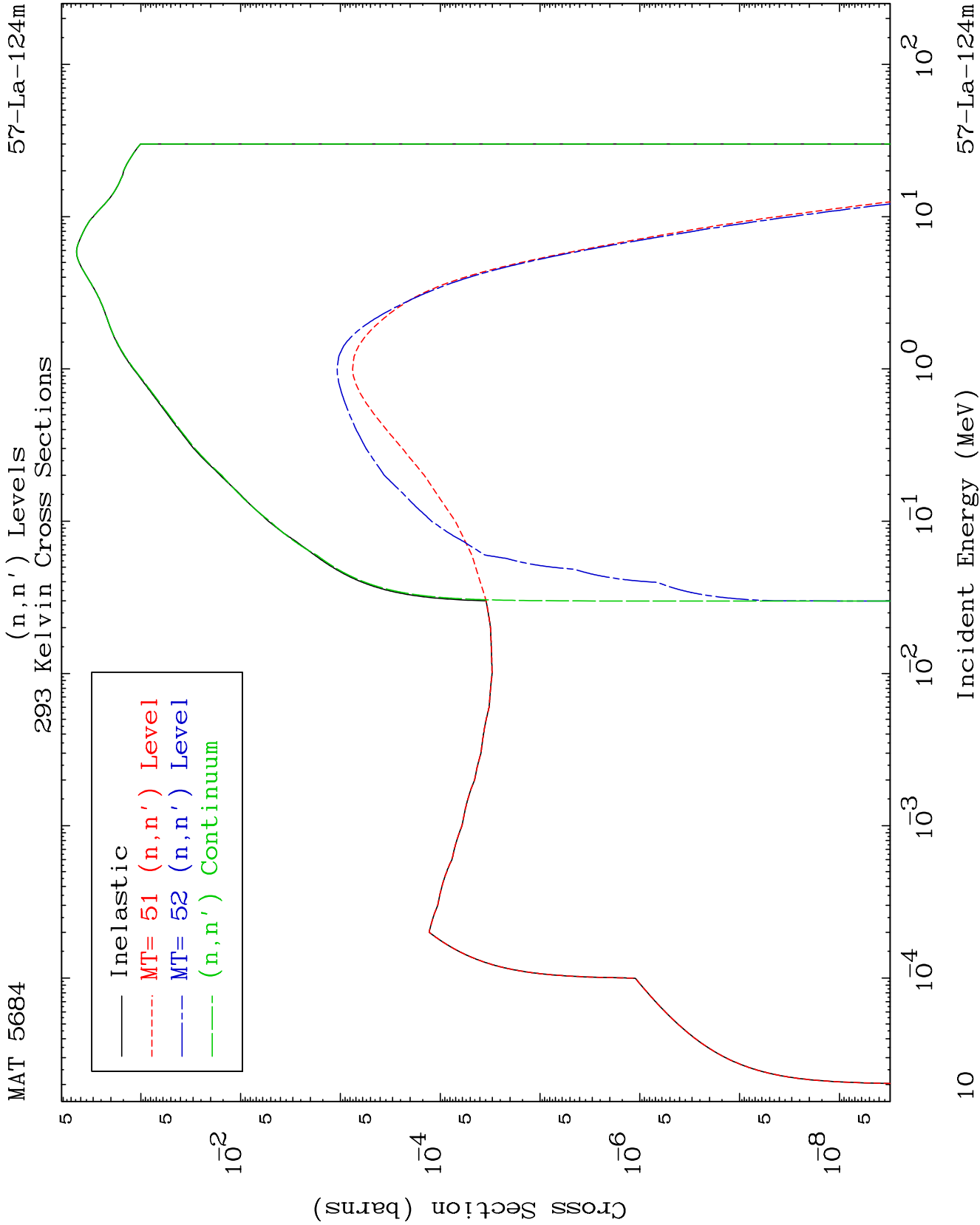


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Particle Production
293 Kelvin Cross Sections

57-La-124m

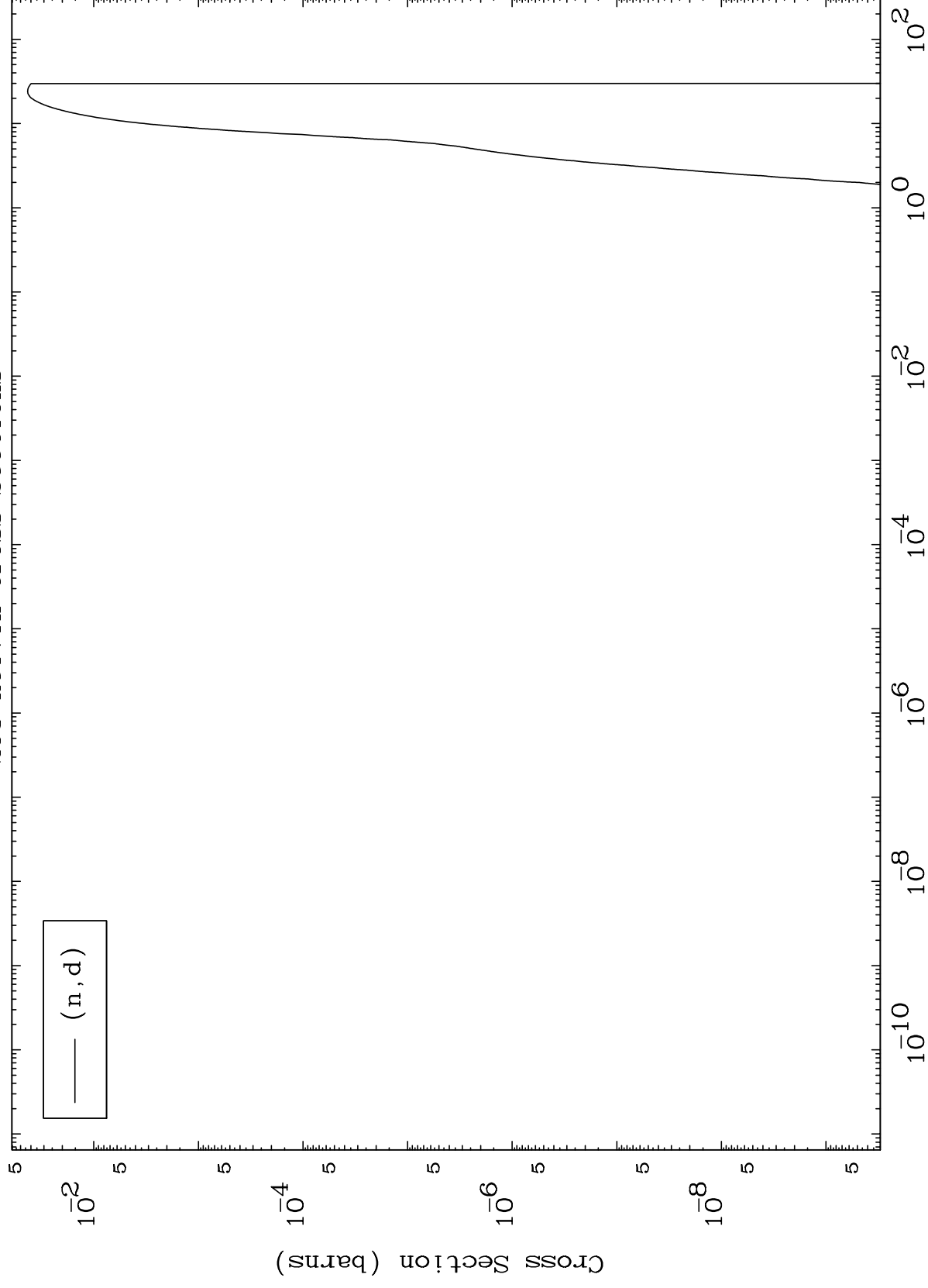




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(n,d) Levels
293 Kelvin Cross Sections

57-La-124m



12

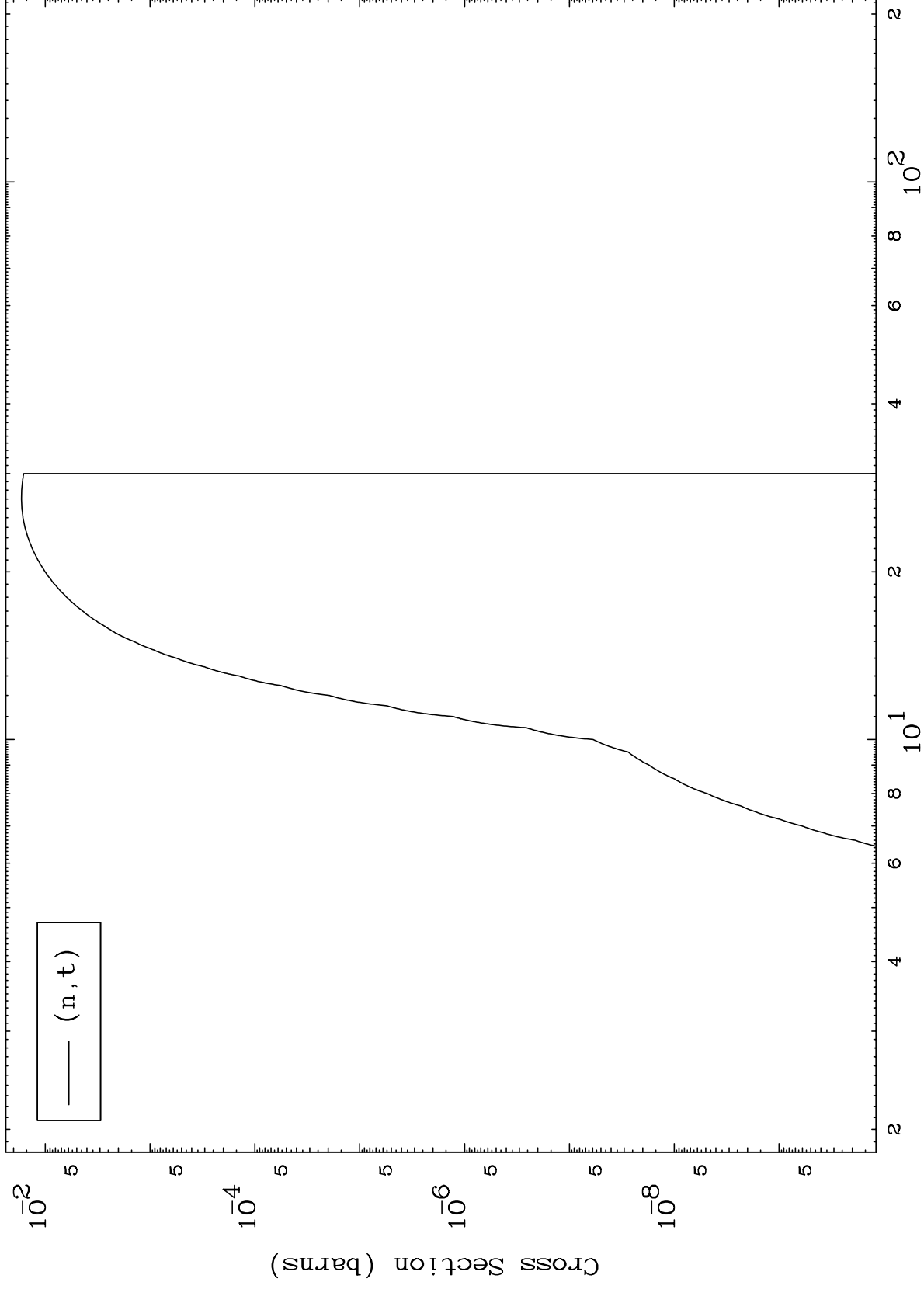
Incident Energy (MeV)

57-La-124m

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(n,t) Levels
293 Kelvin Cross Sections

57-La-124m



13

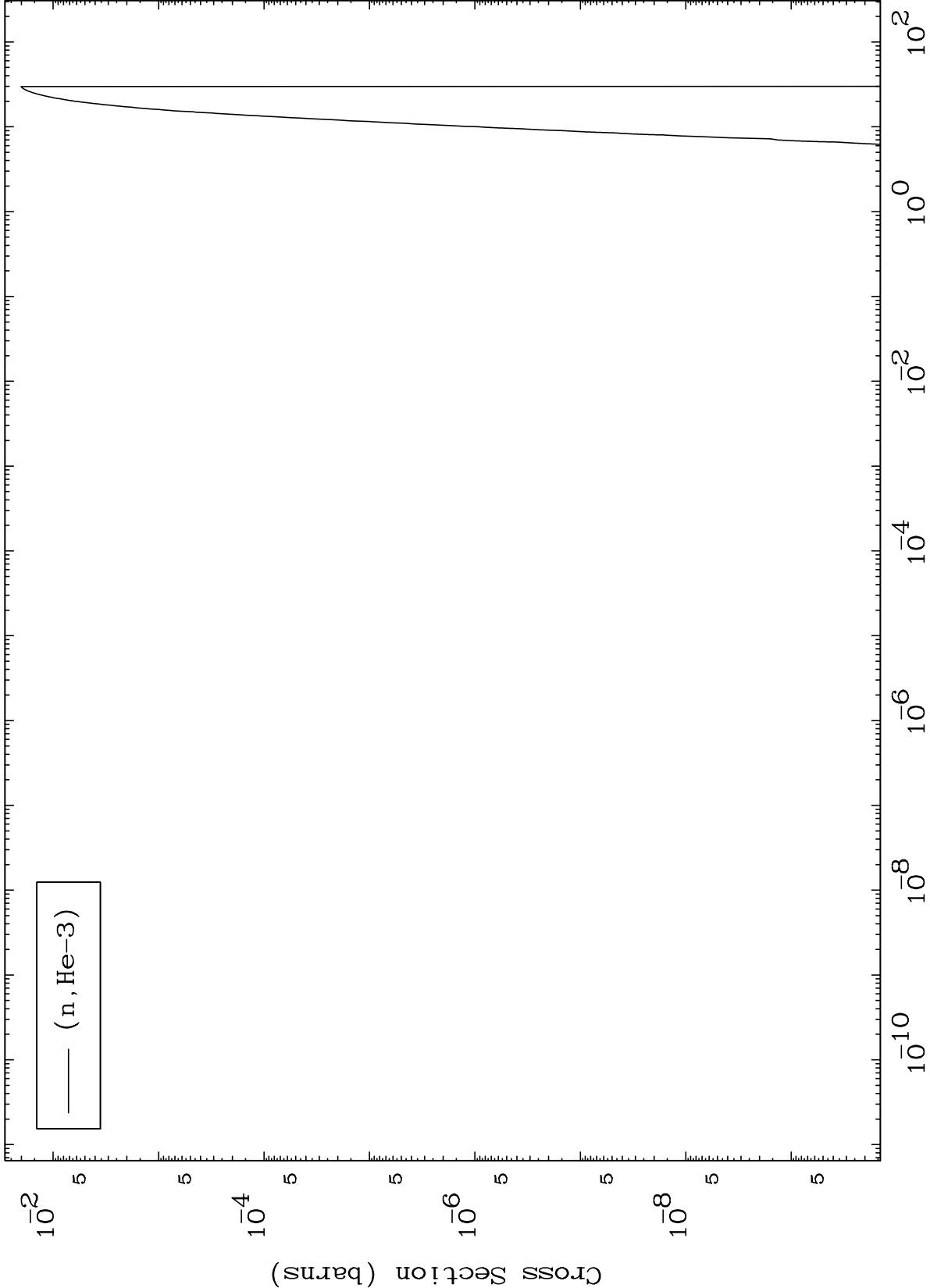
Incident Energy (MeV)

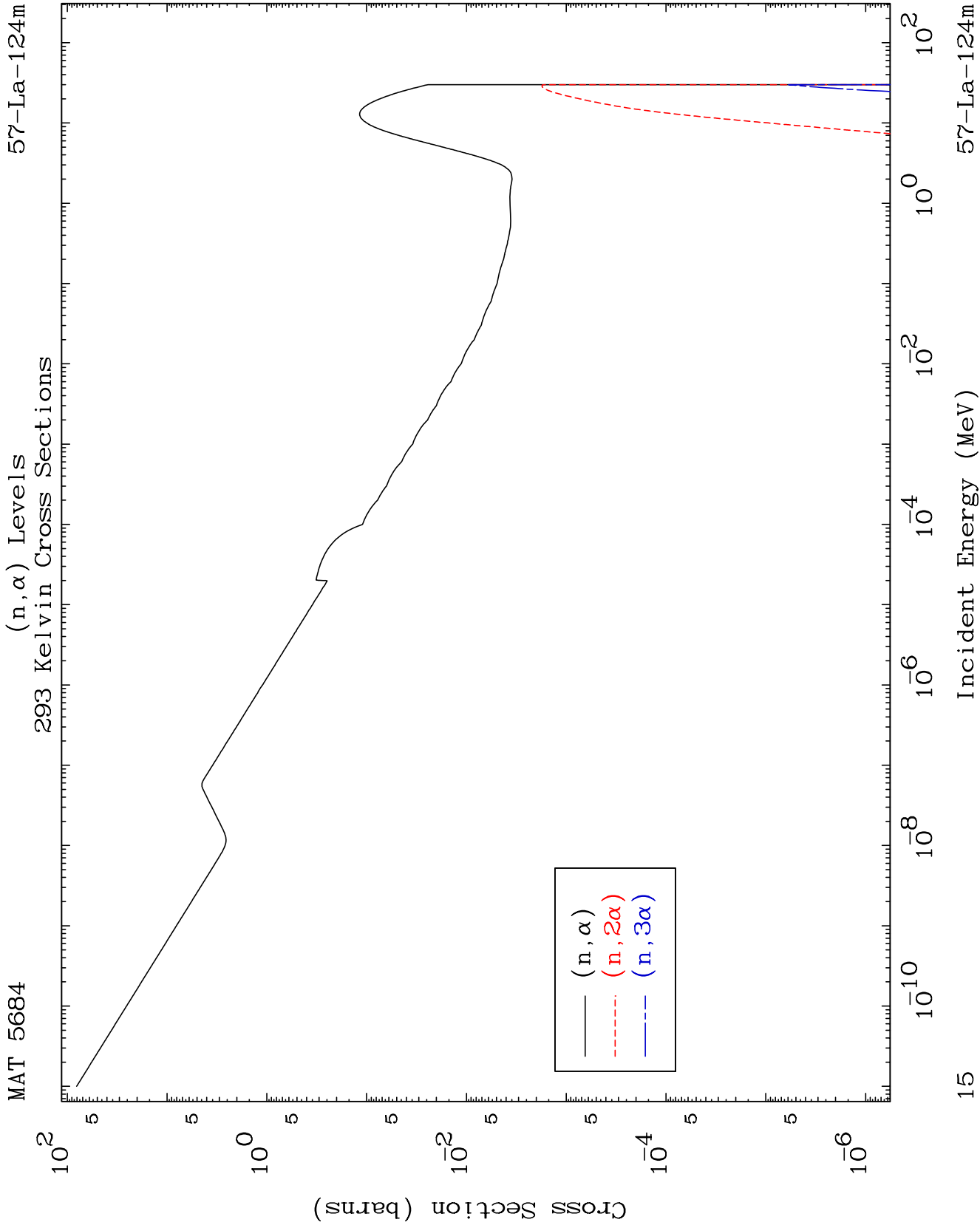
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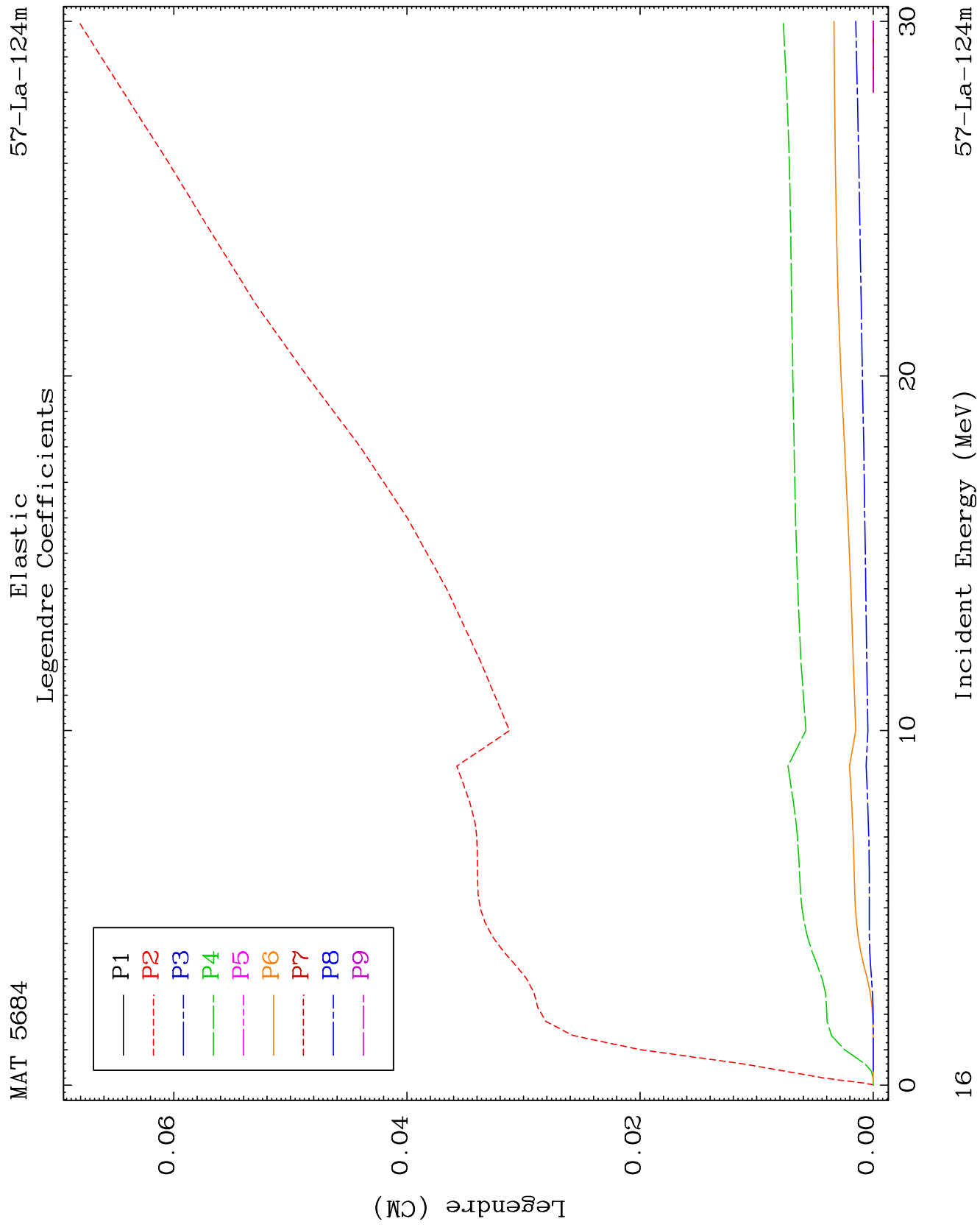
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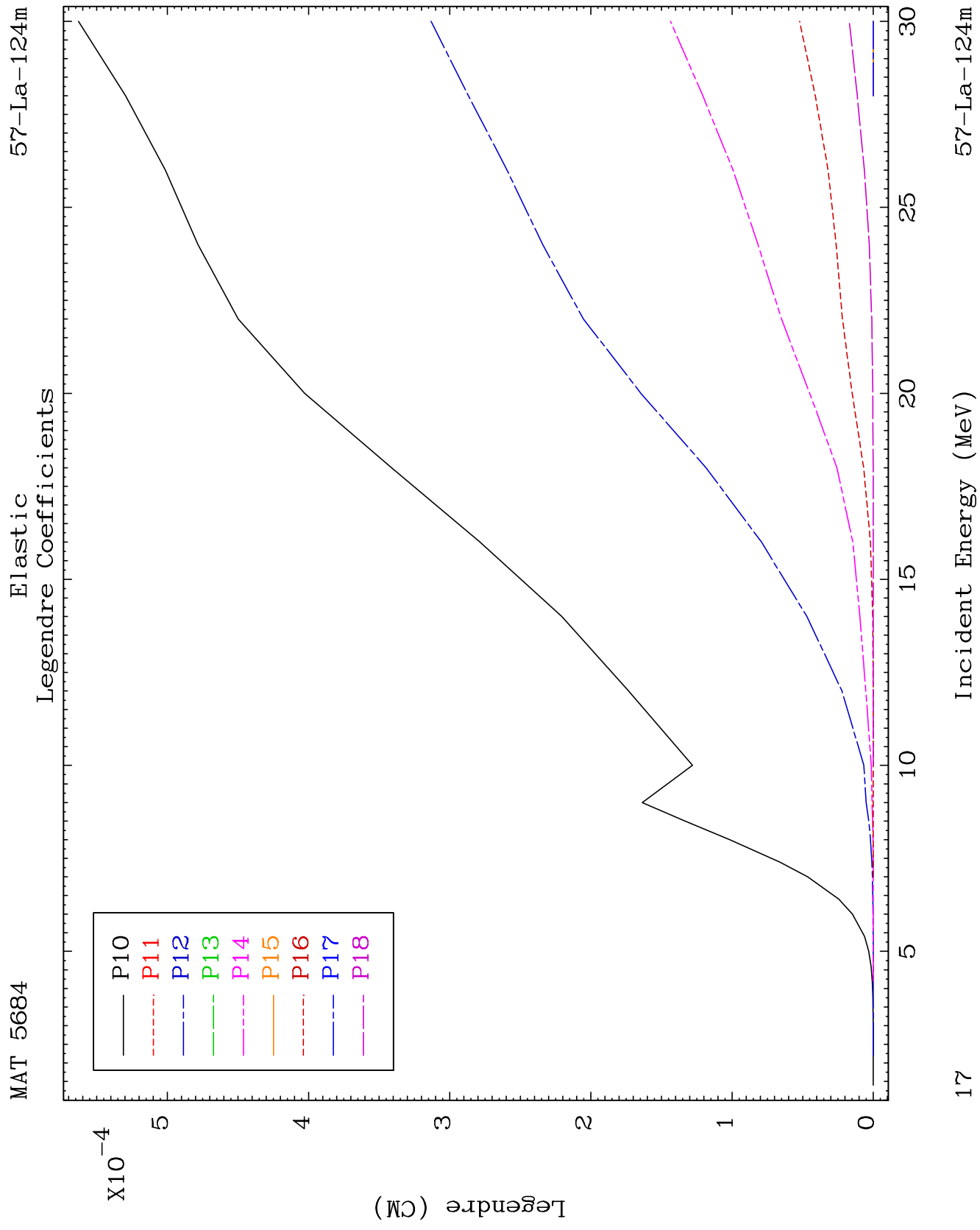
(n,He3) Levels
293 Kelvin Cross Sections

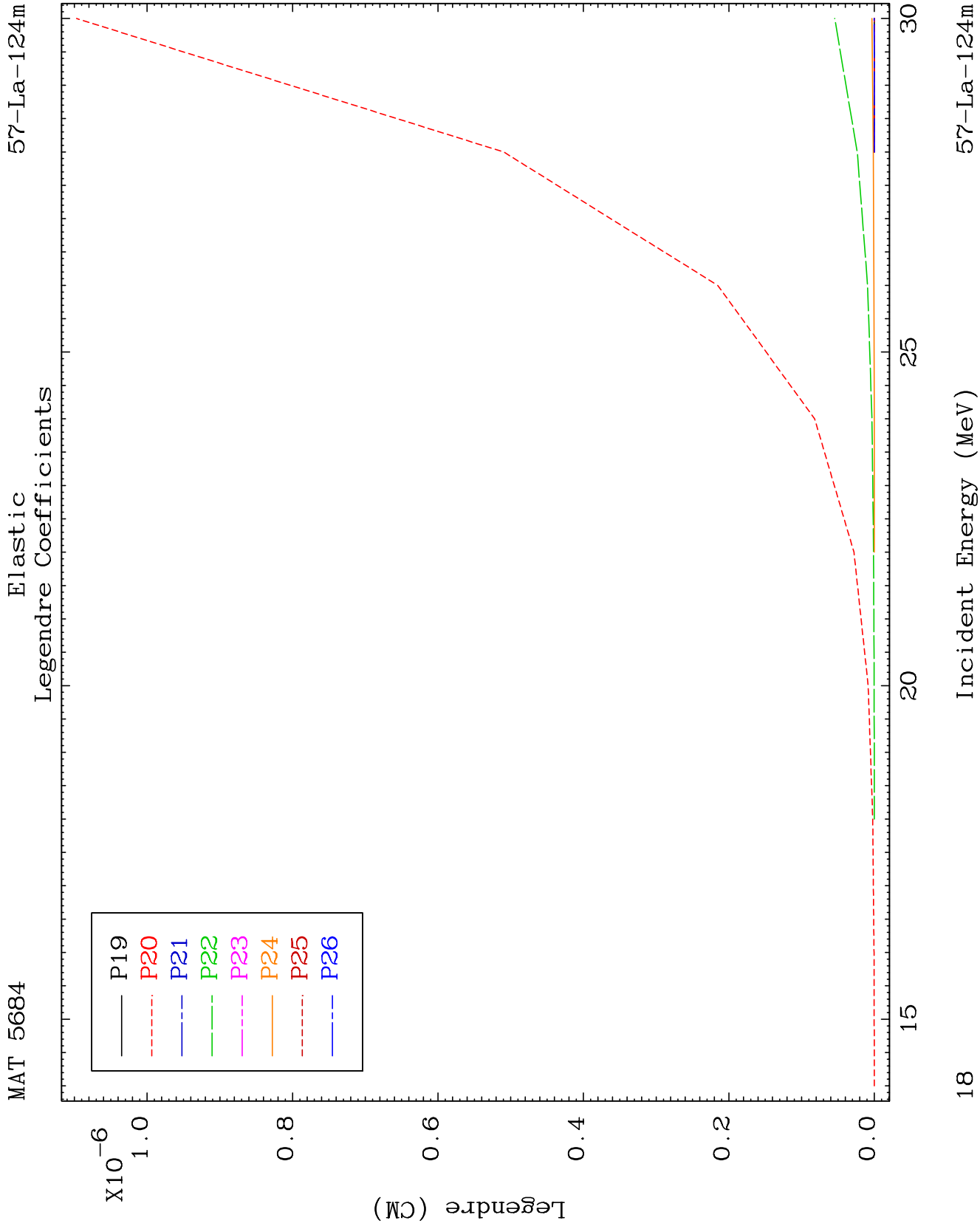
57-La-124m







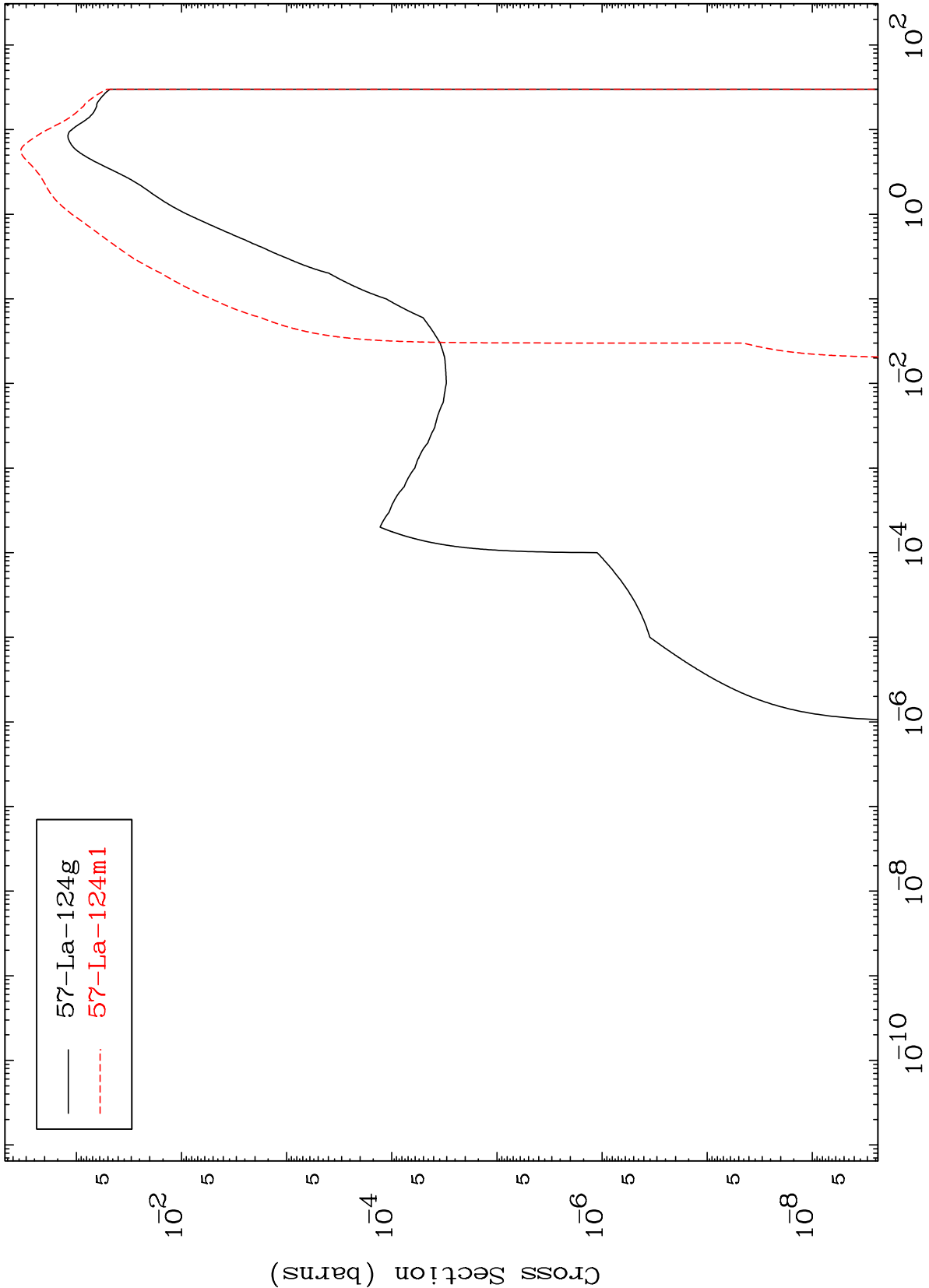




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Radionuclide Production Cross Section

57-La-124m

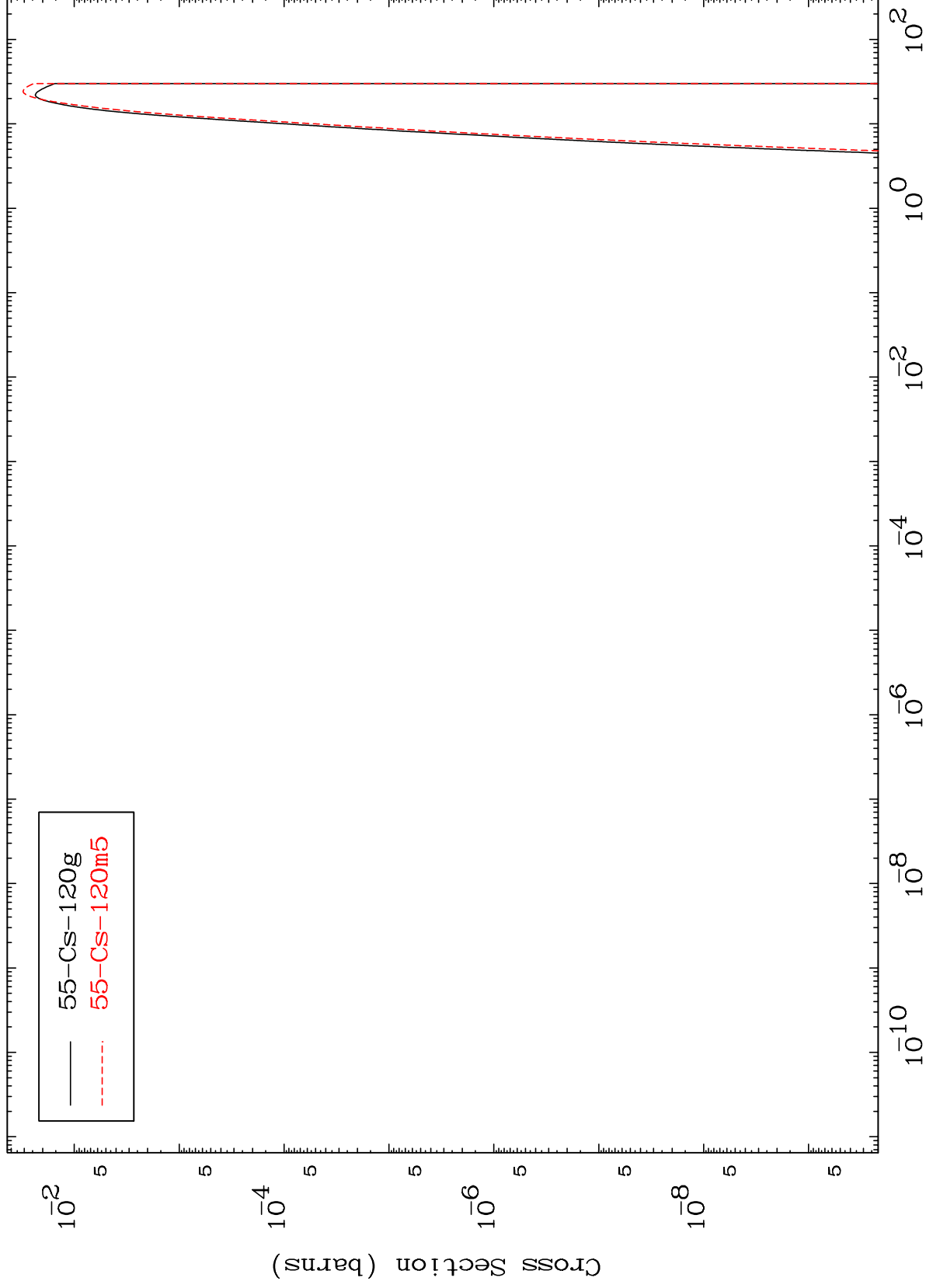


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$(n,n') \alpha$

57-La-124m

Radionuclide Production Cross Section



20

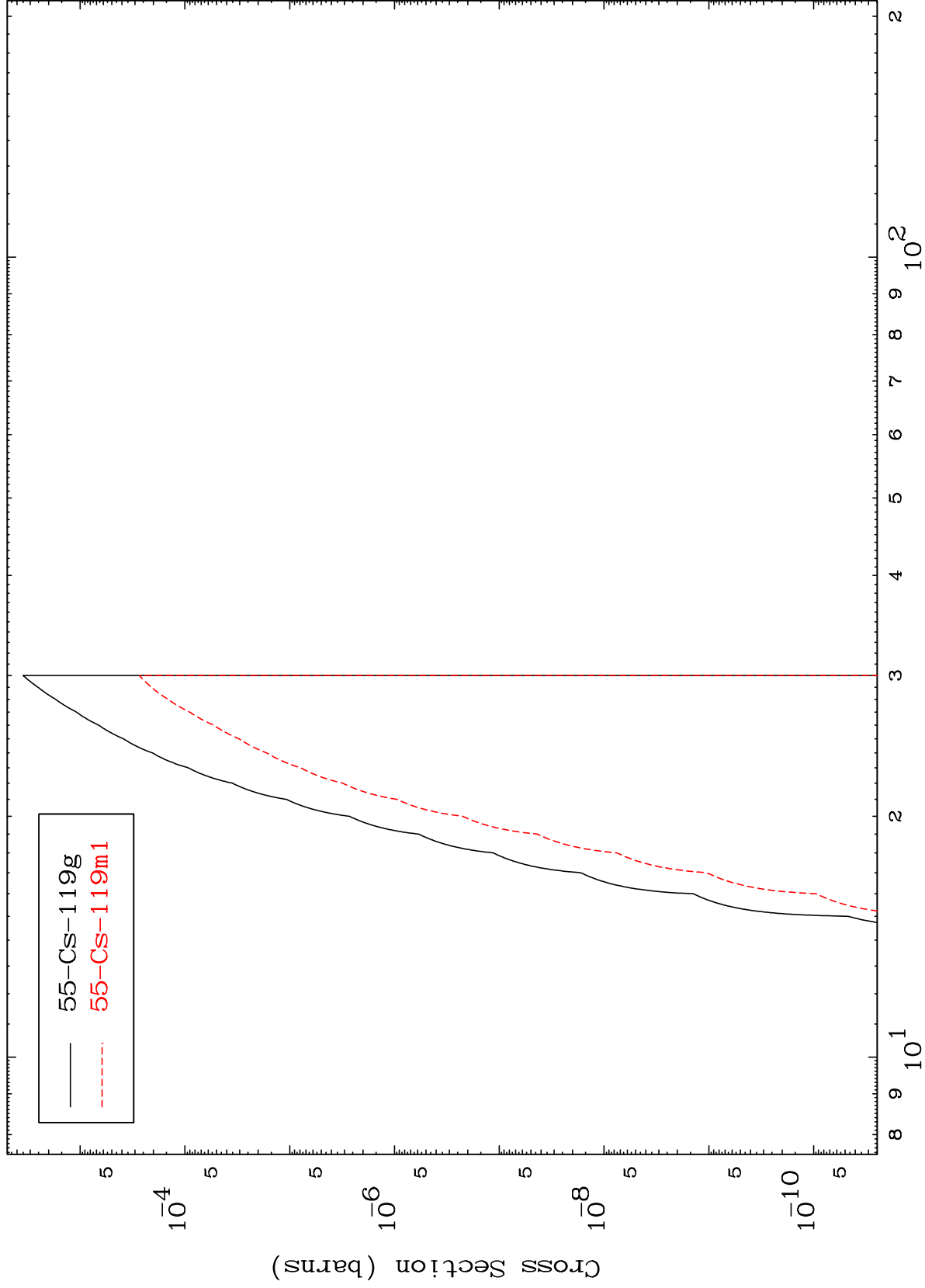
Incident Energy (MeV)

57-La-124m

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57-La-124m

(n,2n) α
Radionuclide Production Cross Section



57-La-124m

Incident Energy (MeV)

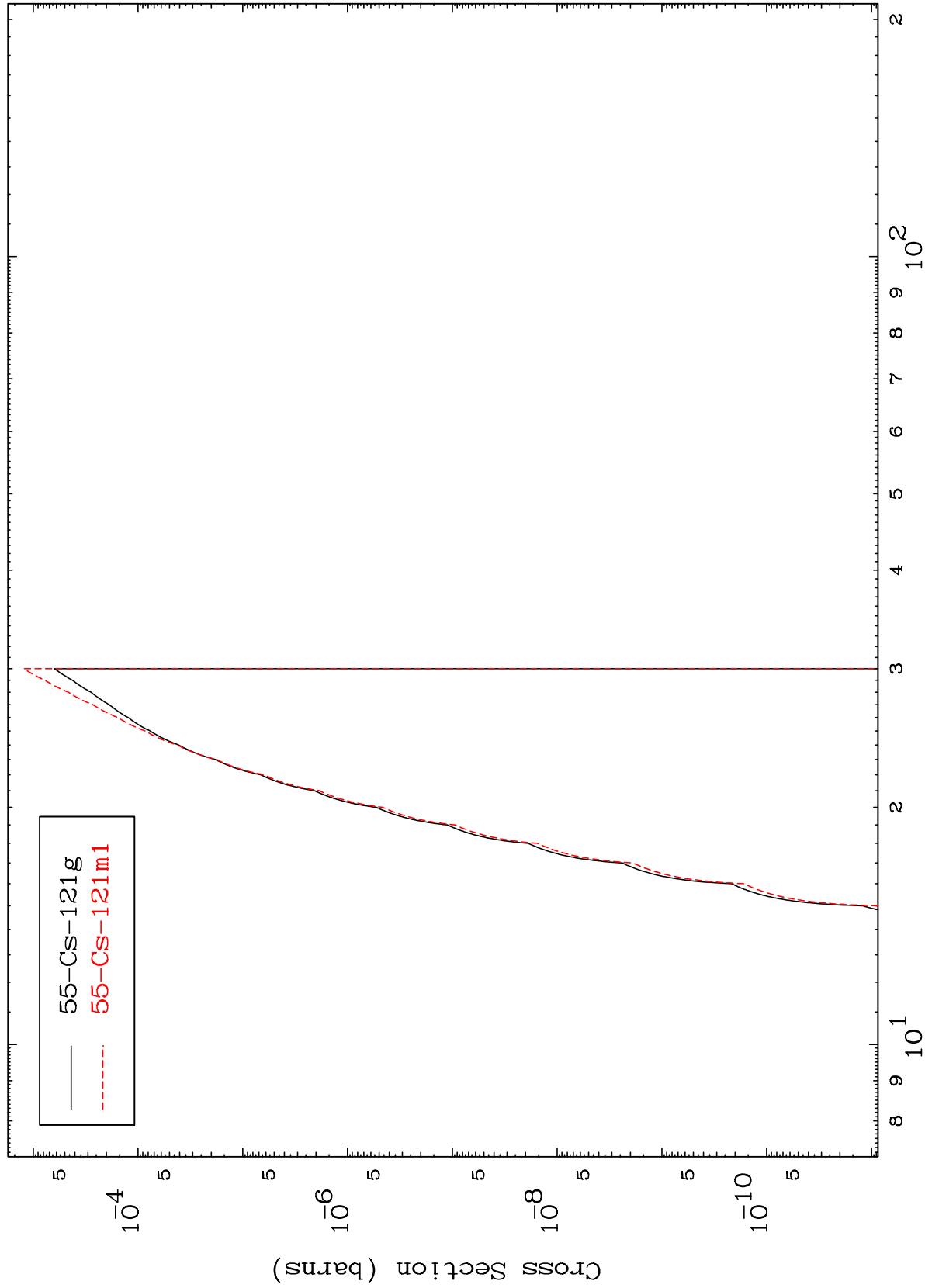
21

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(n,n') He-3

57-La-124m

Radionuclide Production Cross Section



22

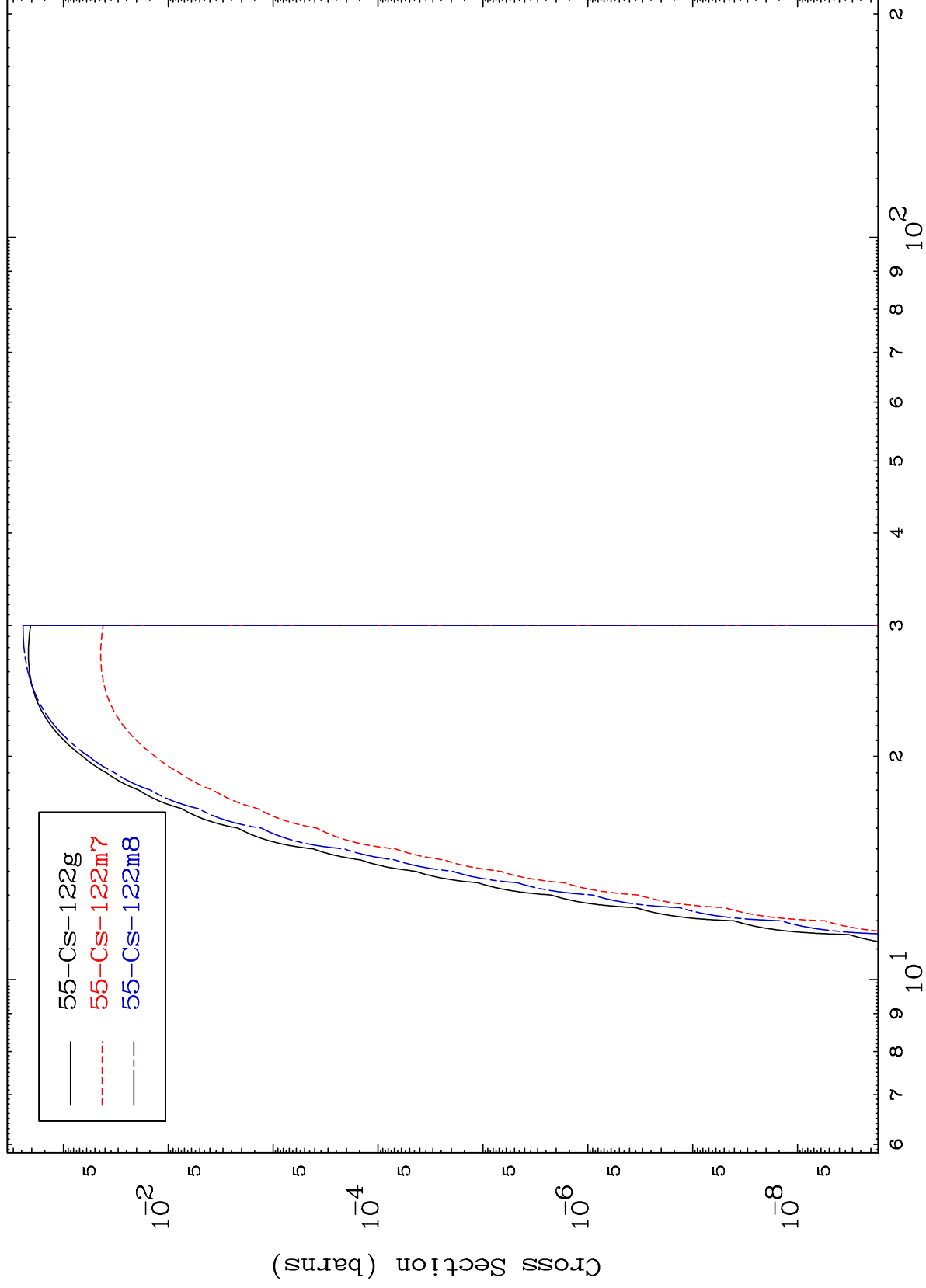
Incident Energy (MeV)

57-La-124m

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57-La-124m

(n,2n) p
Radionuclide Production Cross Section



23

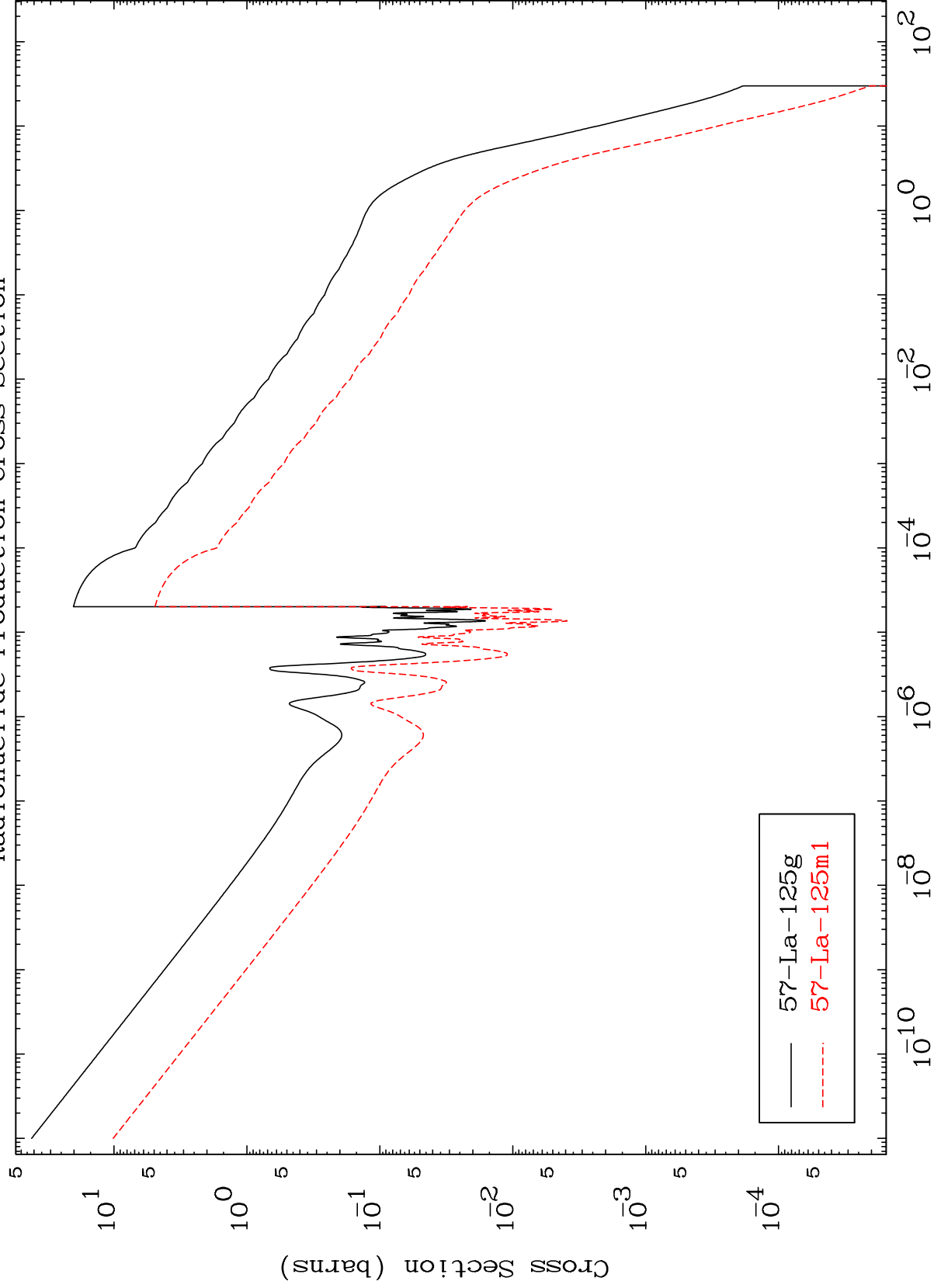
Incident Energy (MeV)

57-La-124m

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57-La-124m

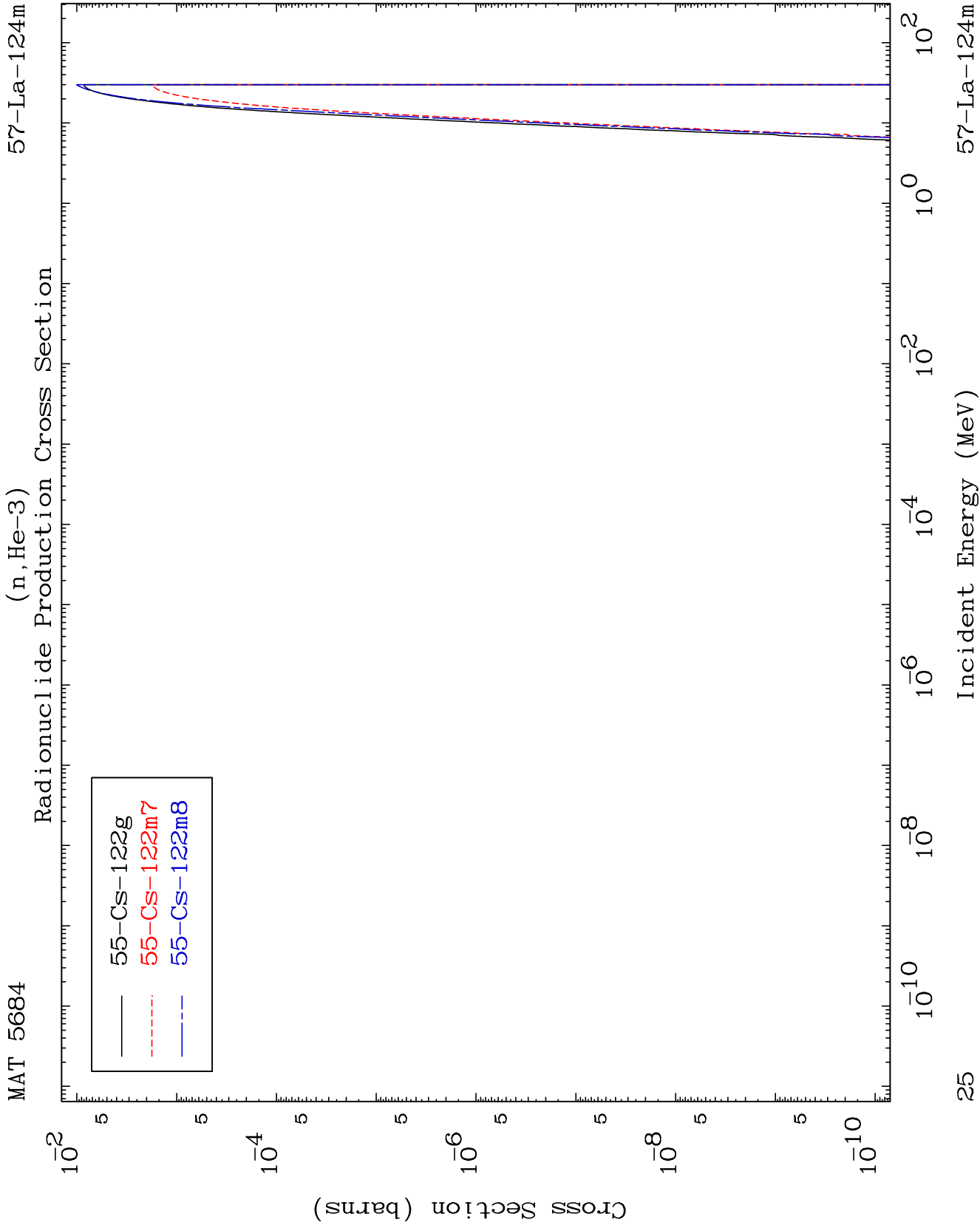
Radionuclide Production Cross Section
(n, γ)



57-La-124m

Incident Energy (MeV)

24



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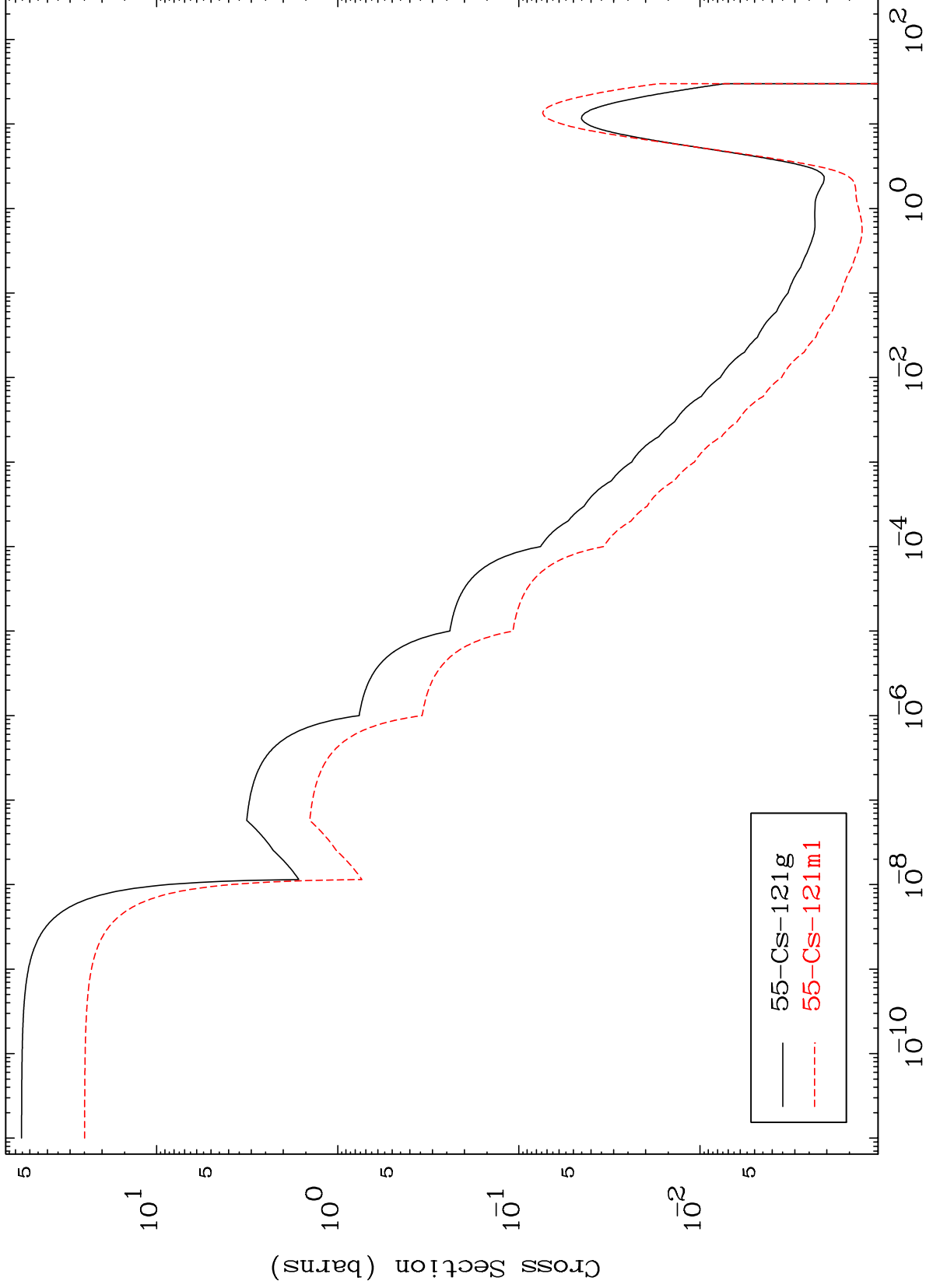
57-La-124m

Radionuclide Production Cross Section

57-La-124m

Incident Energy (MeV)

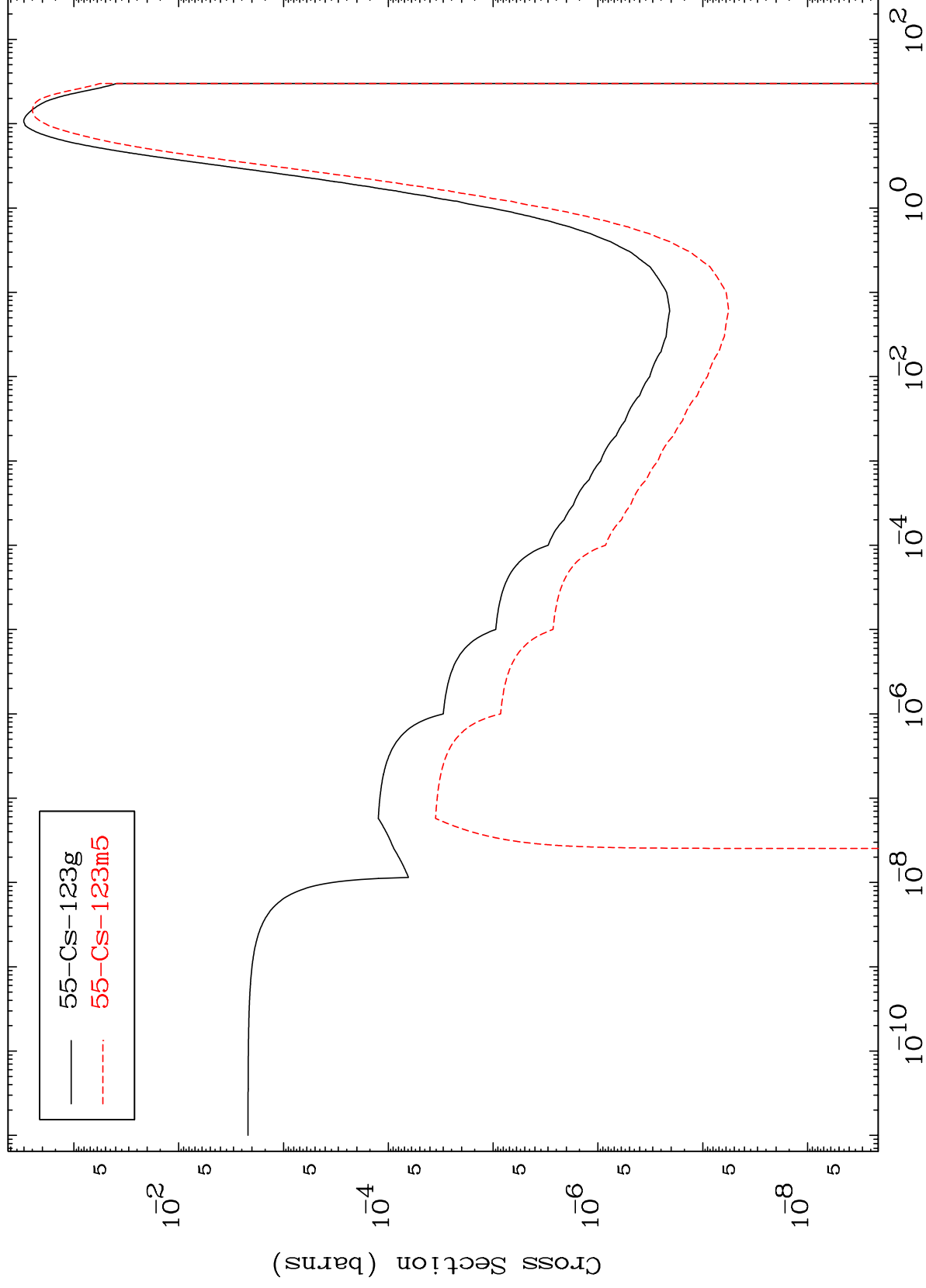
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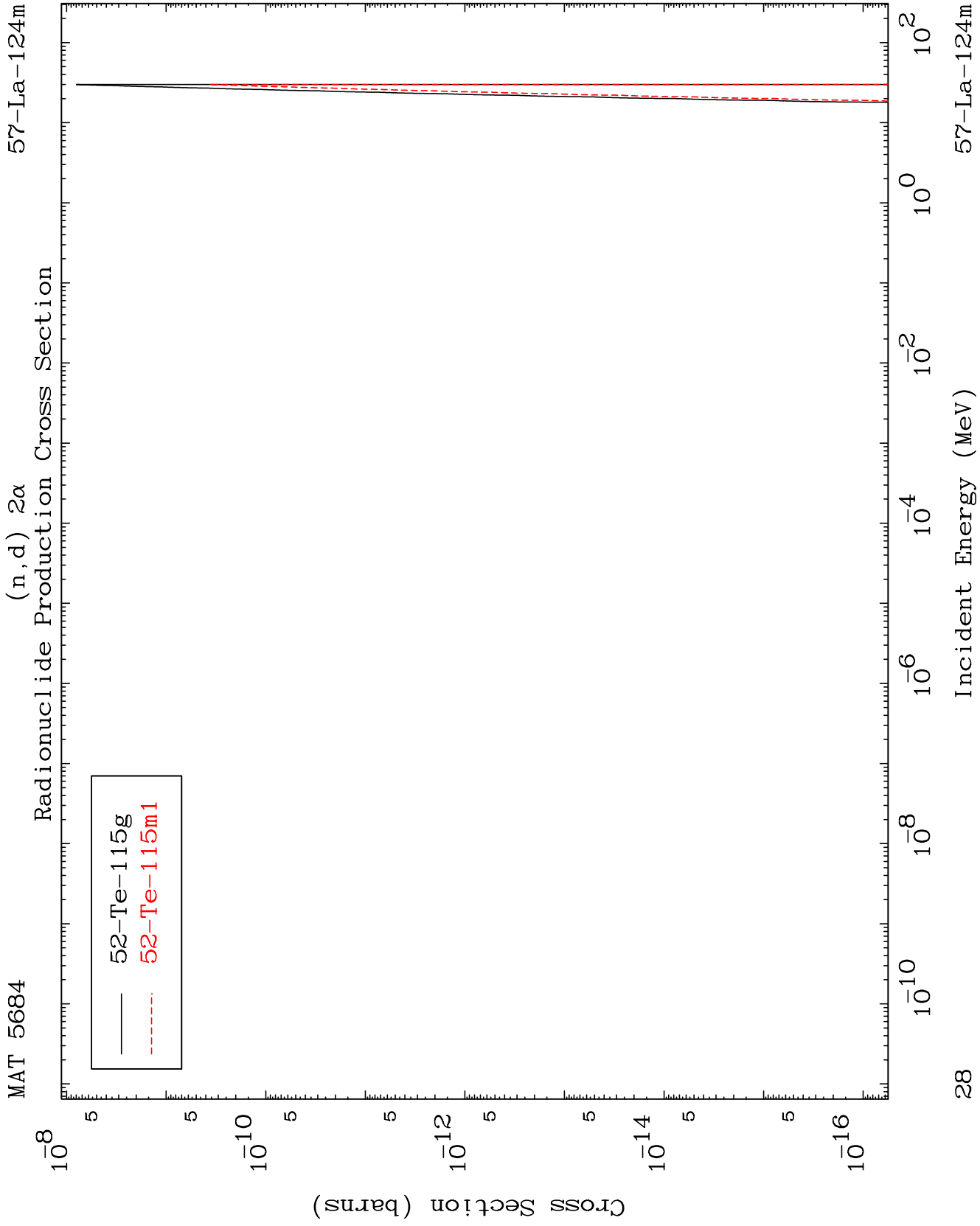
Radionuclide Production Cross Section
(n,2p)

57-La-124m



27

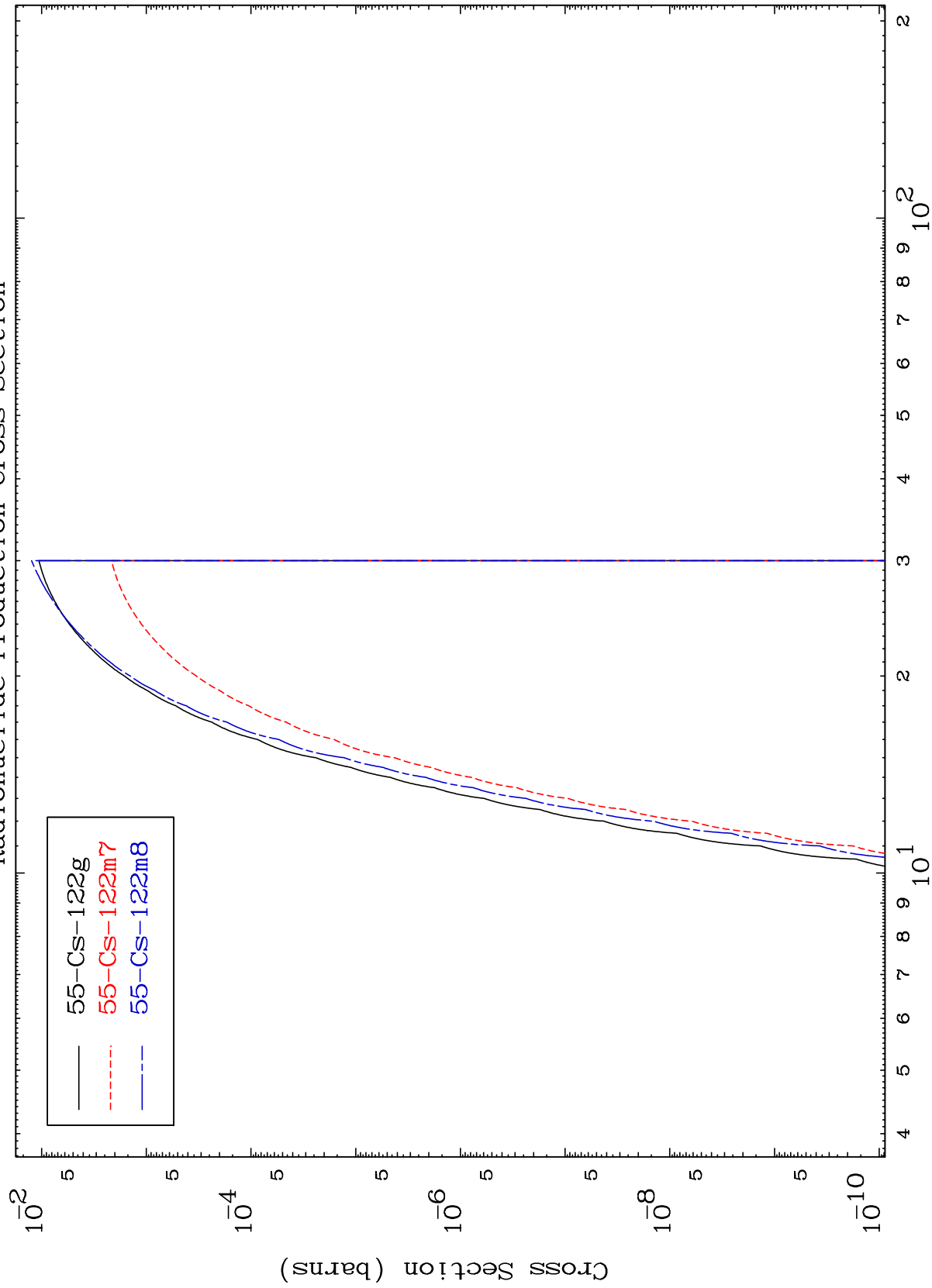
57-La-124m



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57-La-124m

(n,p) d
Radionuclide Production Cross Section



29

Incident Energy (MeV)

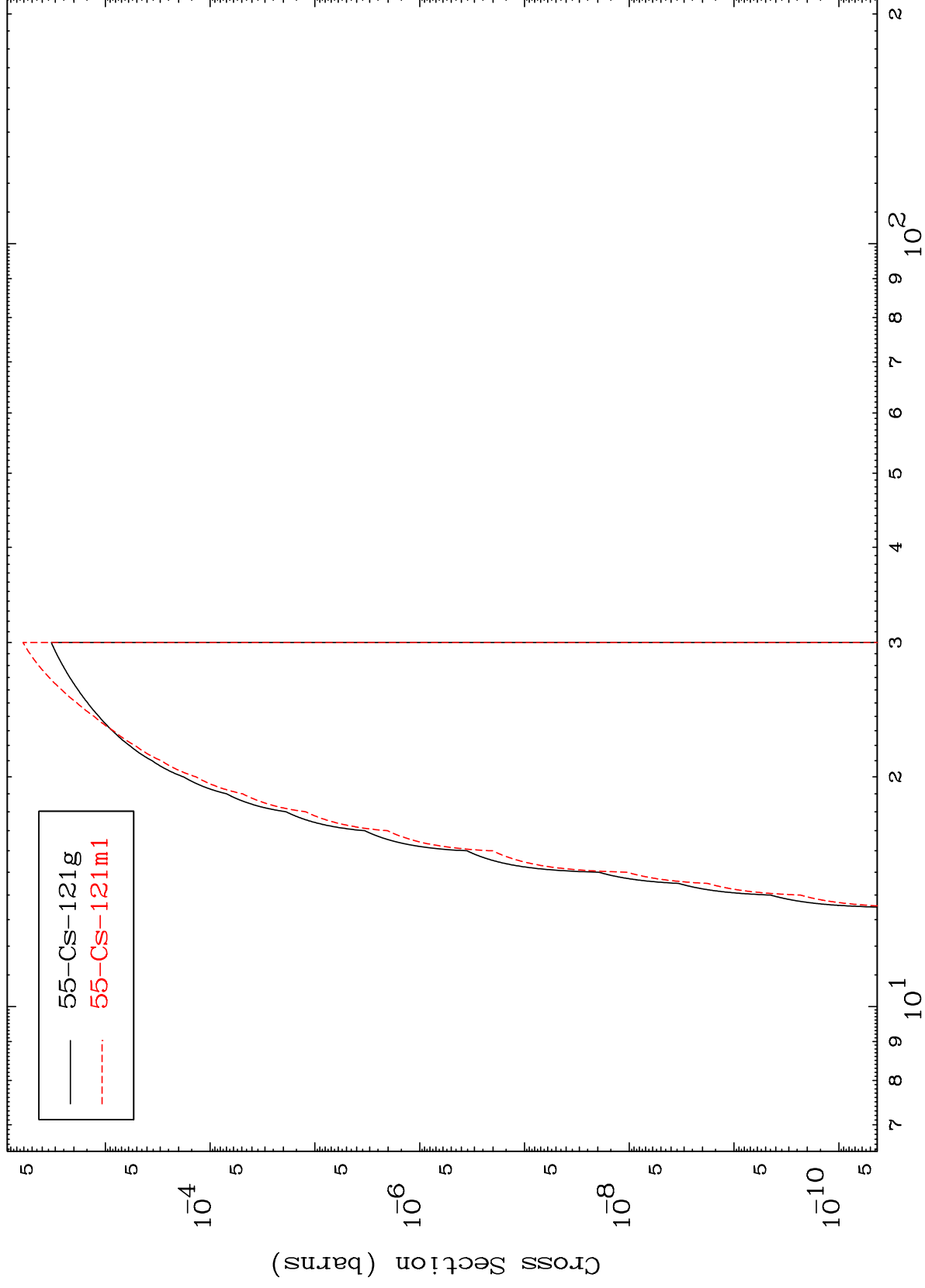
57-La-124m

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(n,p) t

57-La-124m

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-124m

30