

Program EVALPLOT
(Version 2015-2)

by

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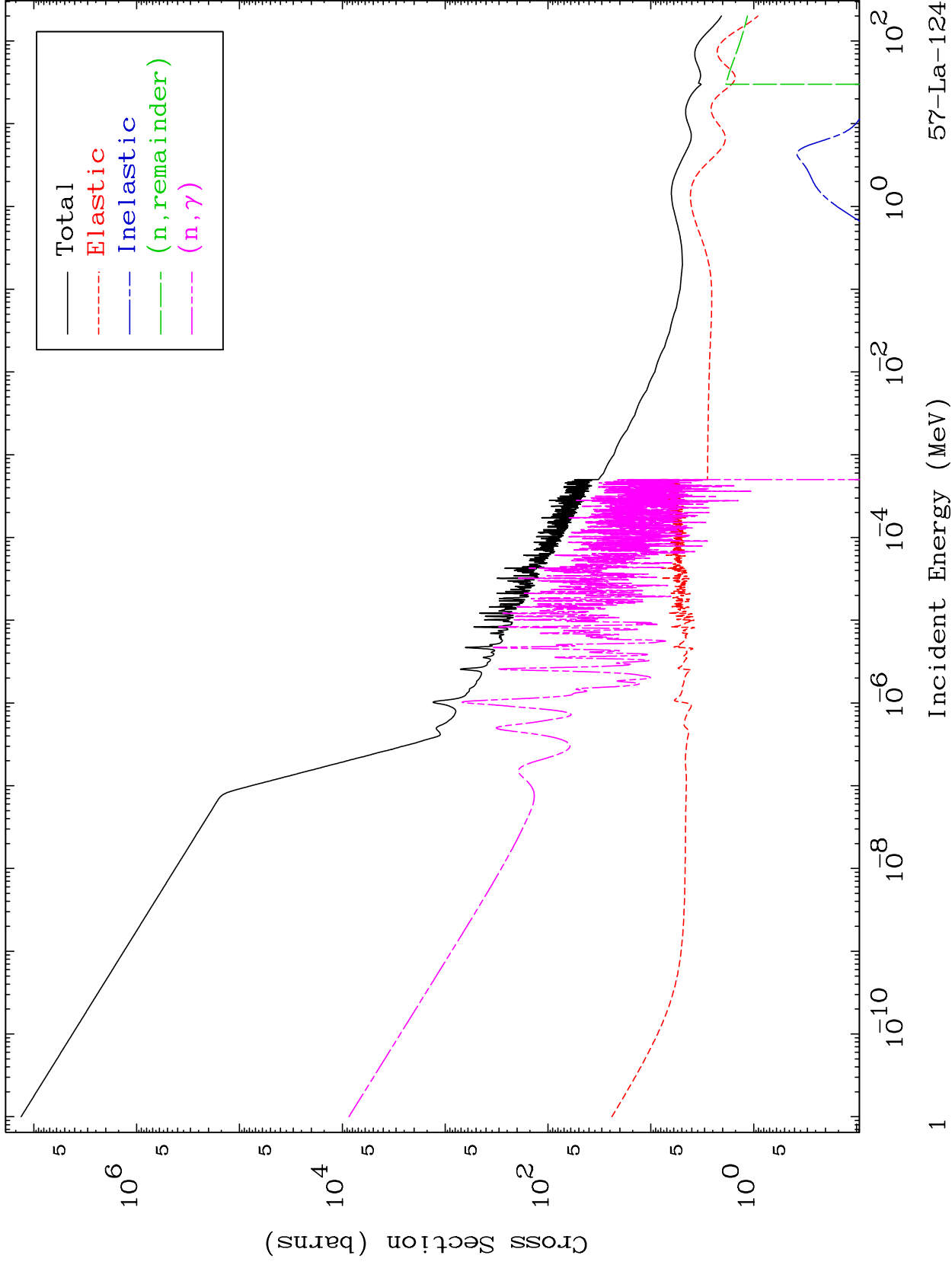
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5684

Major
293 Kelvin Cross Sections

57-La-124



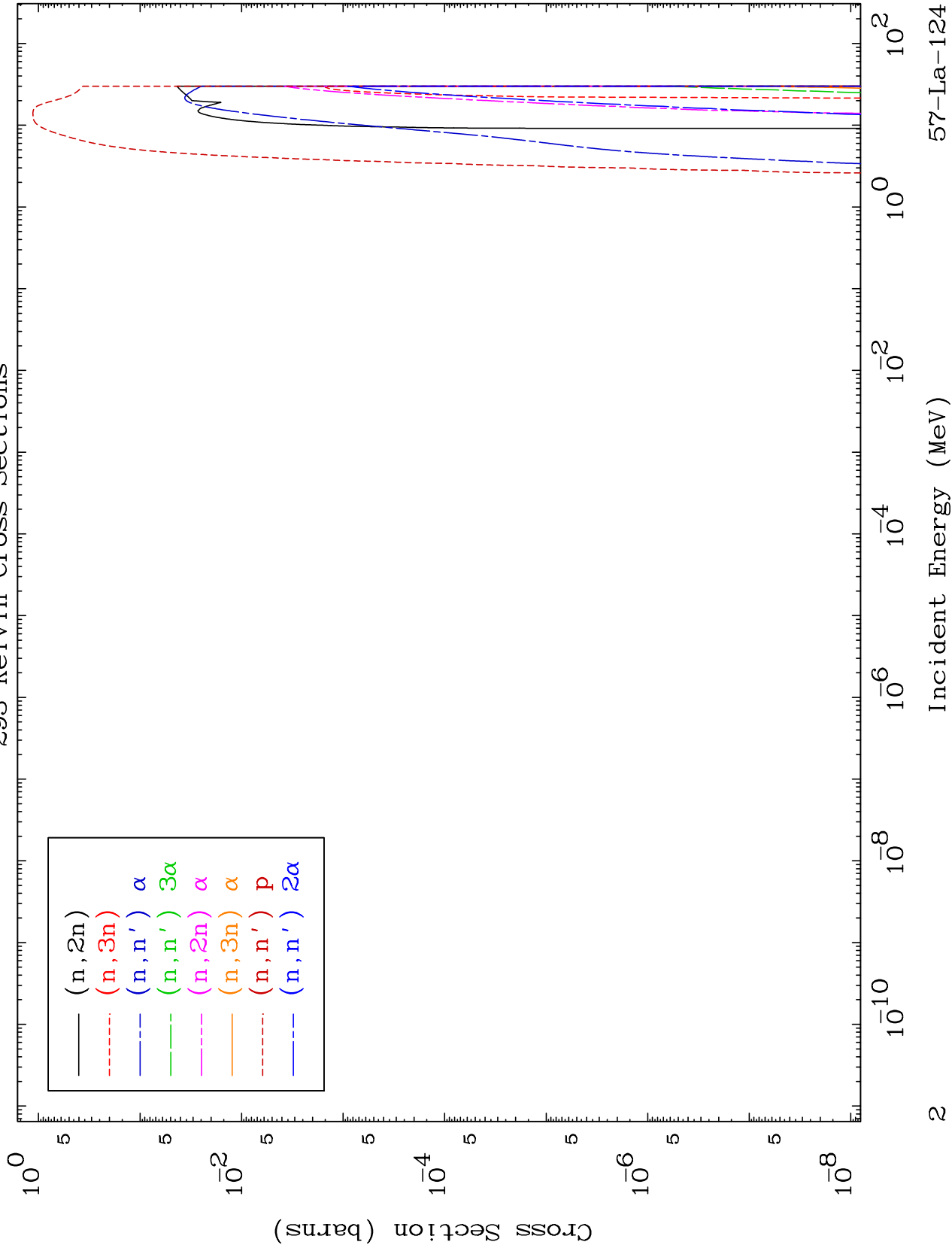
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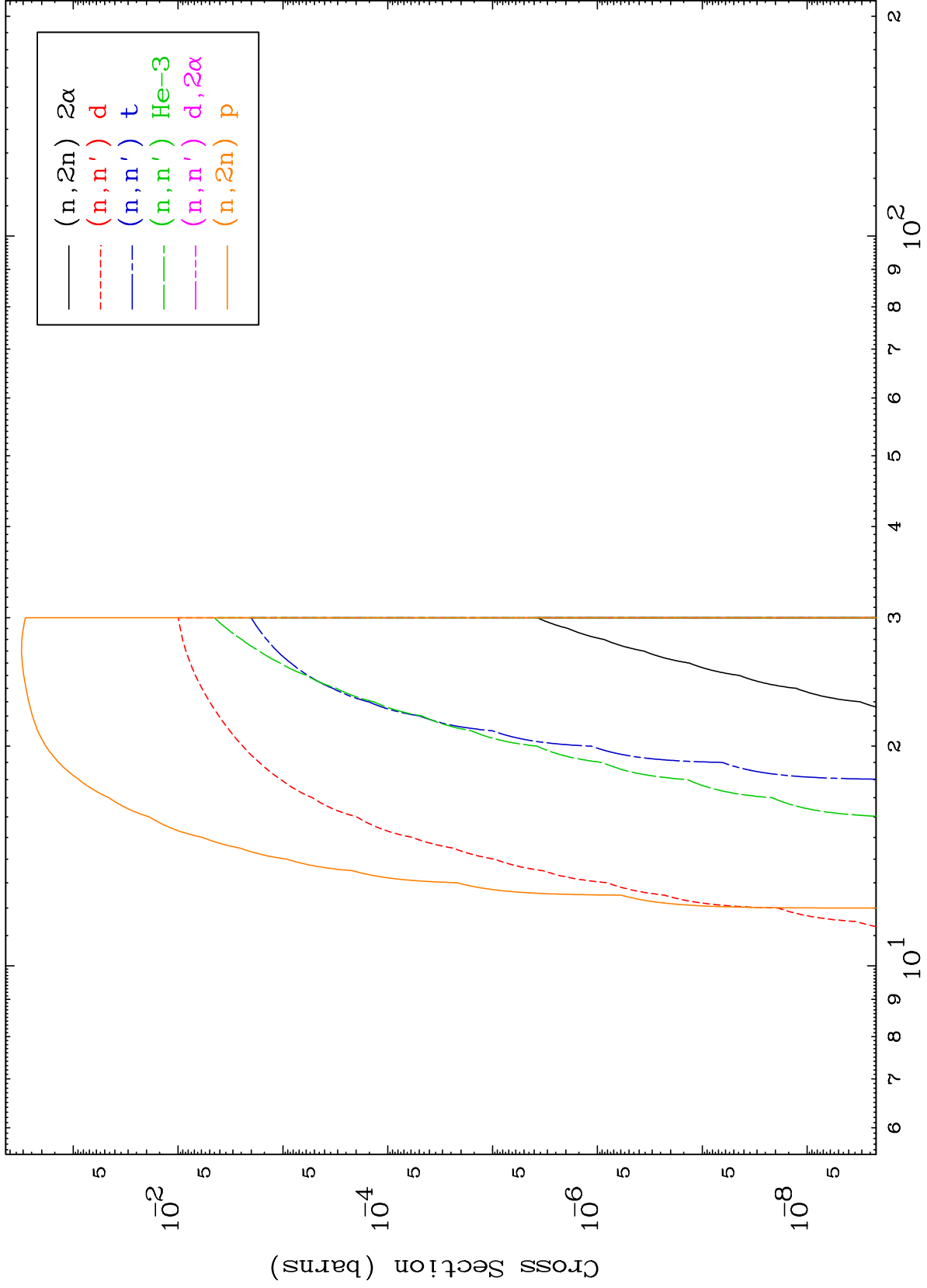
57-La-124

MAT 5684

Neutron Production
293 Kelvin Cross Sections

57-La-124

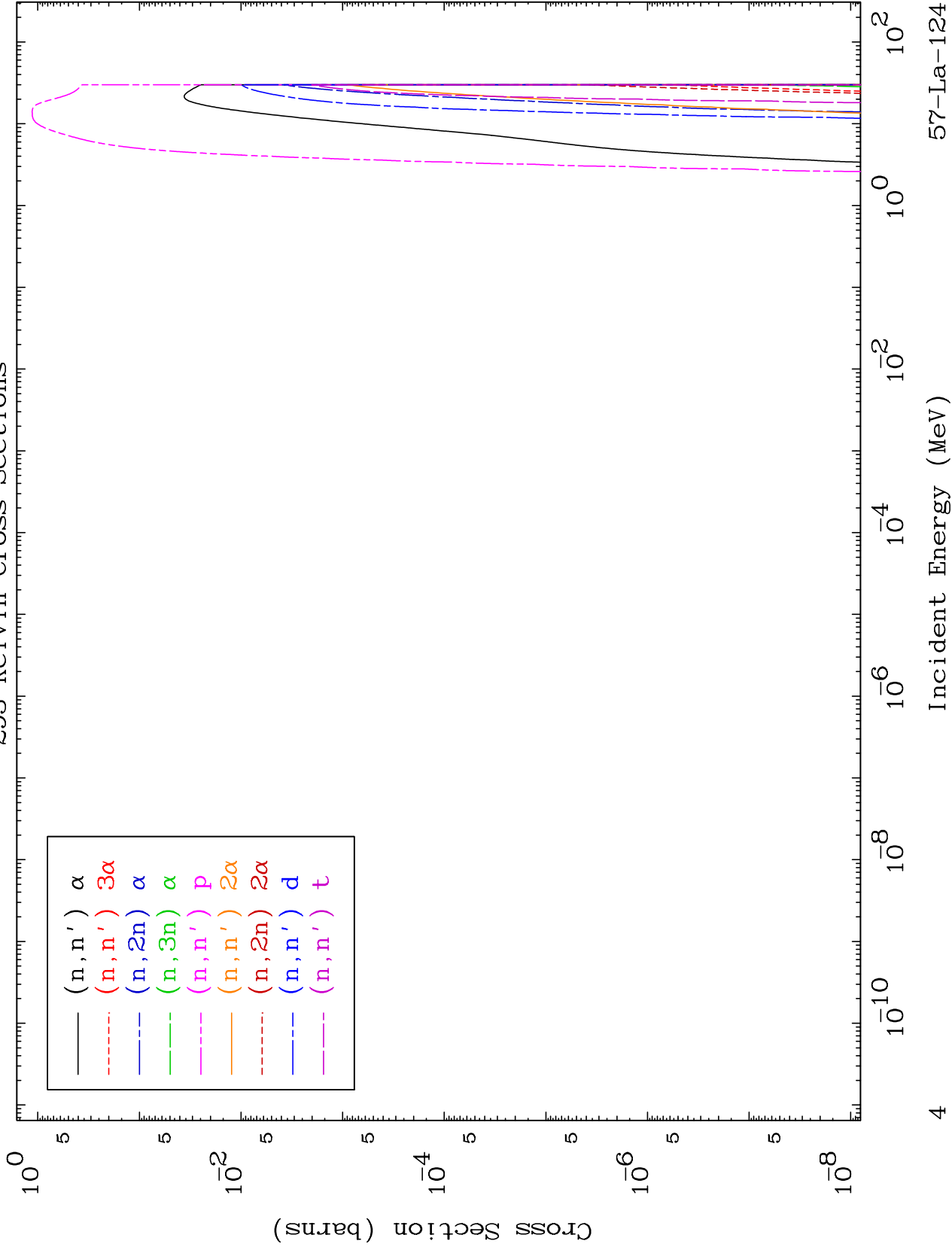


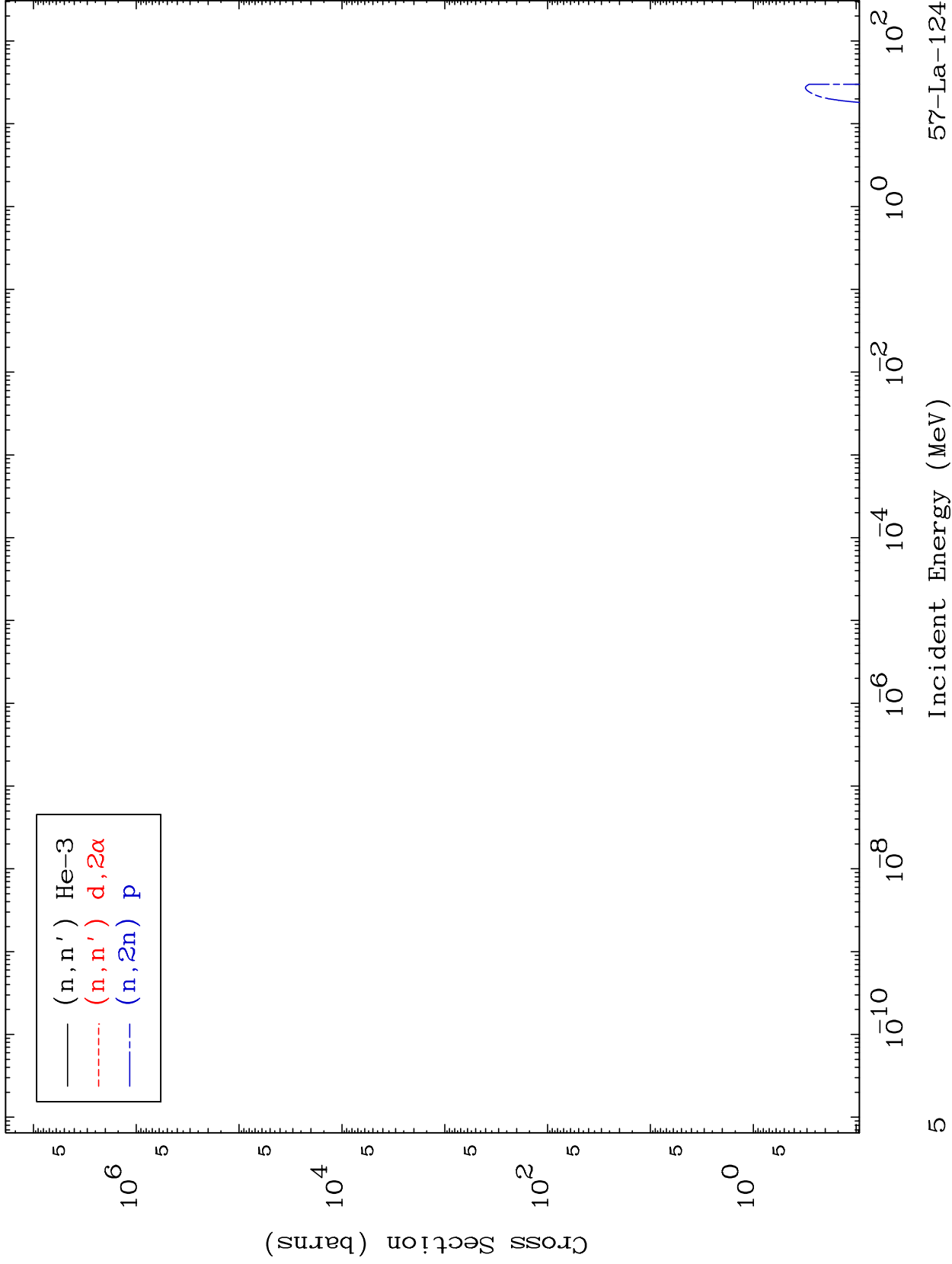


MAT 5684

Charged Particle
293 Kelvin Cross Sections

57-La-124

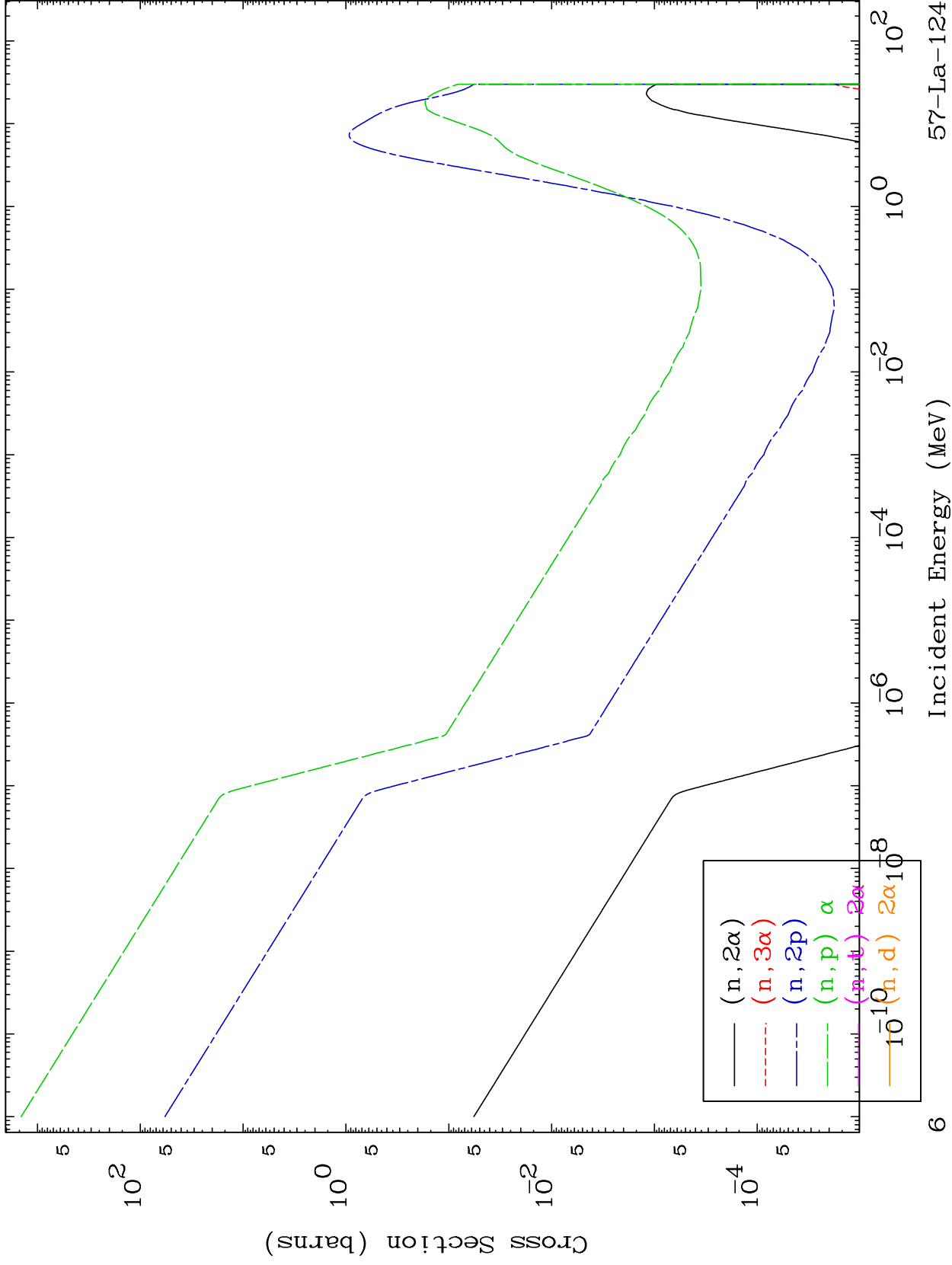




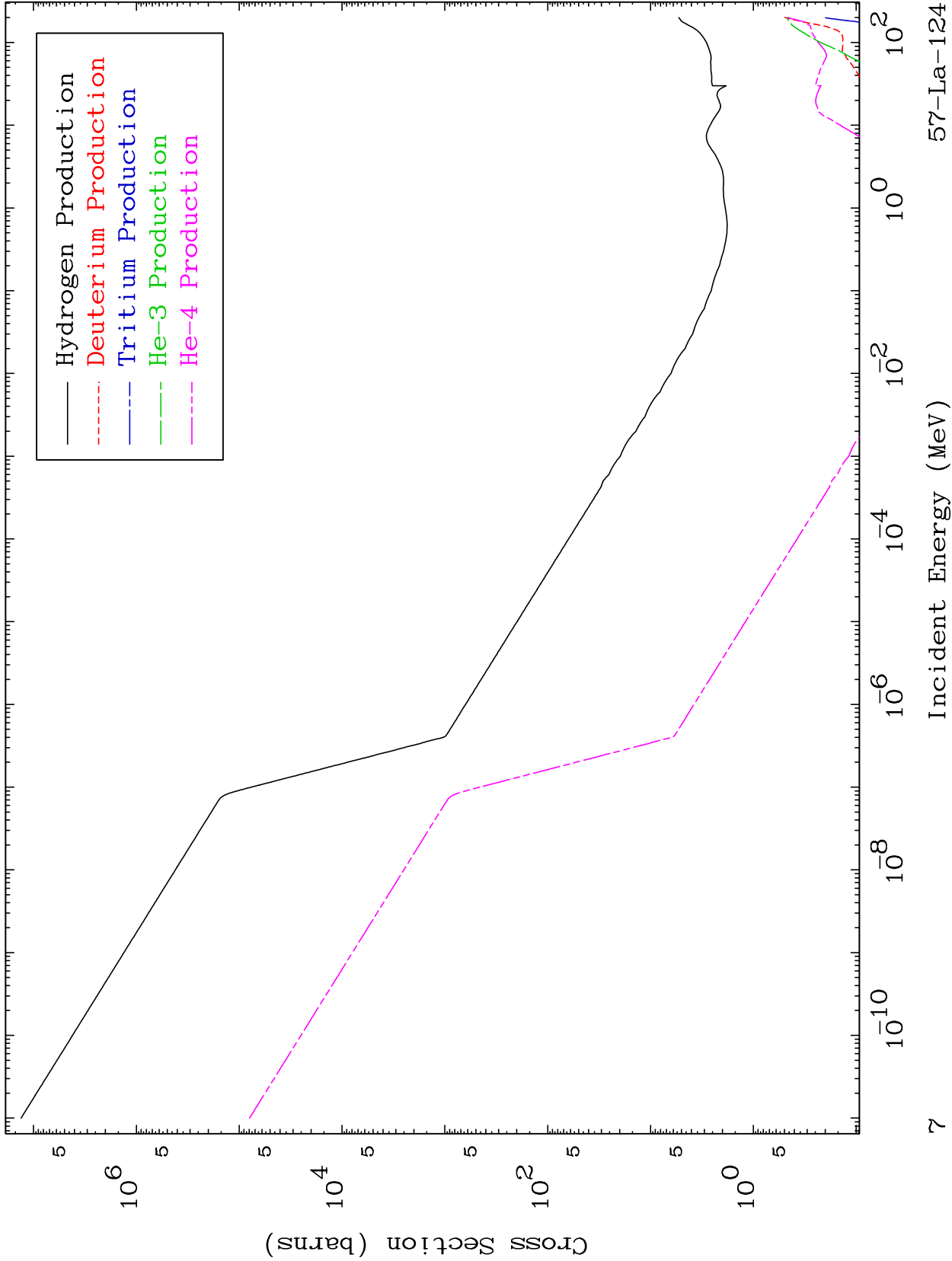
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Charged Particle
293 Kelvin Cross Sections

57-La-124



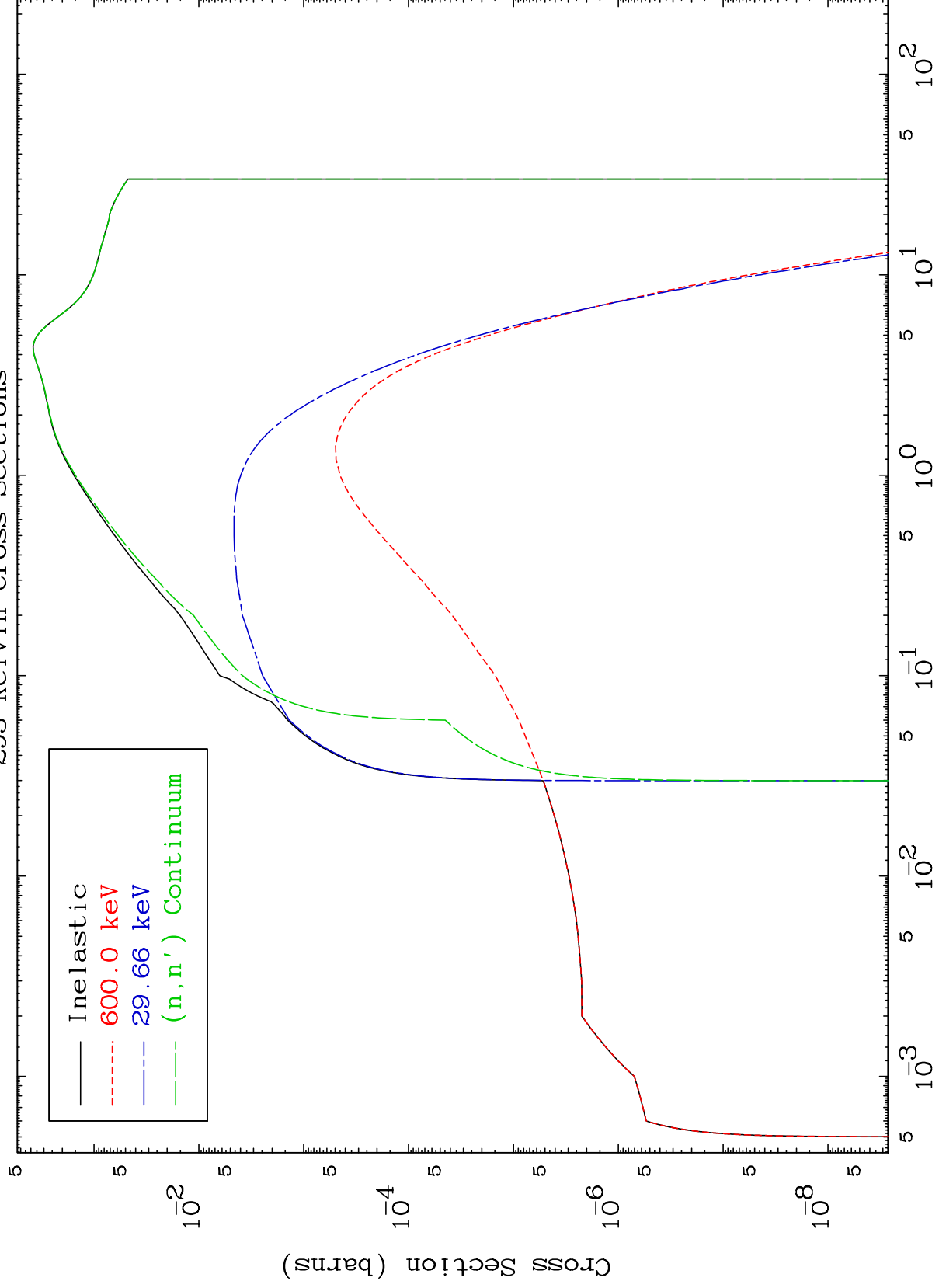
6



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293 Kelvin Cross Sections
(n,n') Level

57-La-124



8

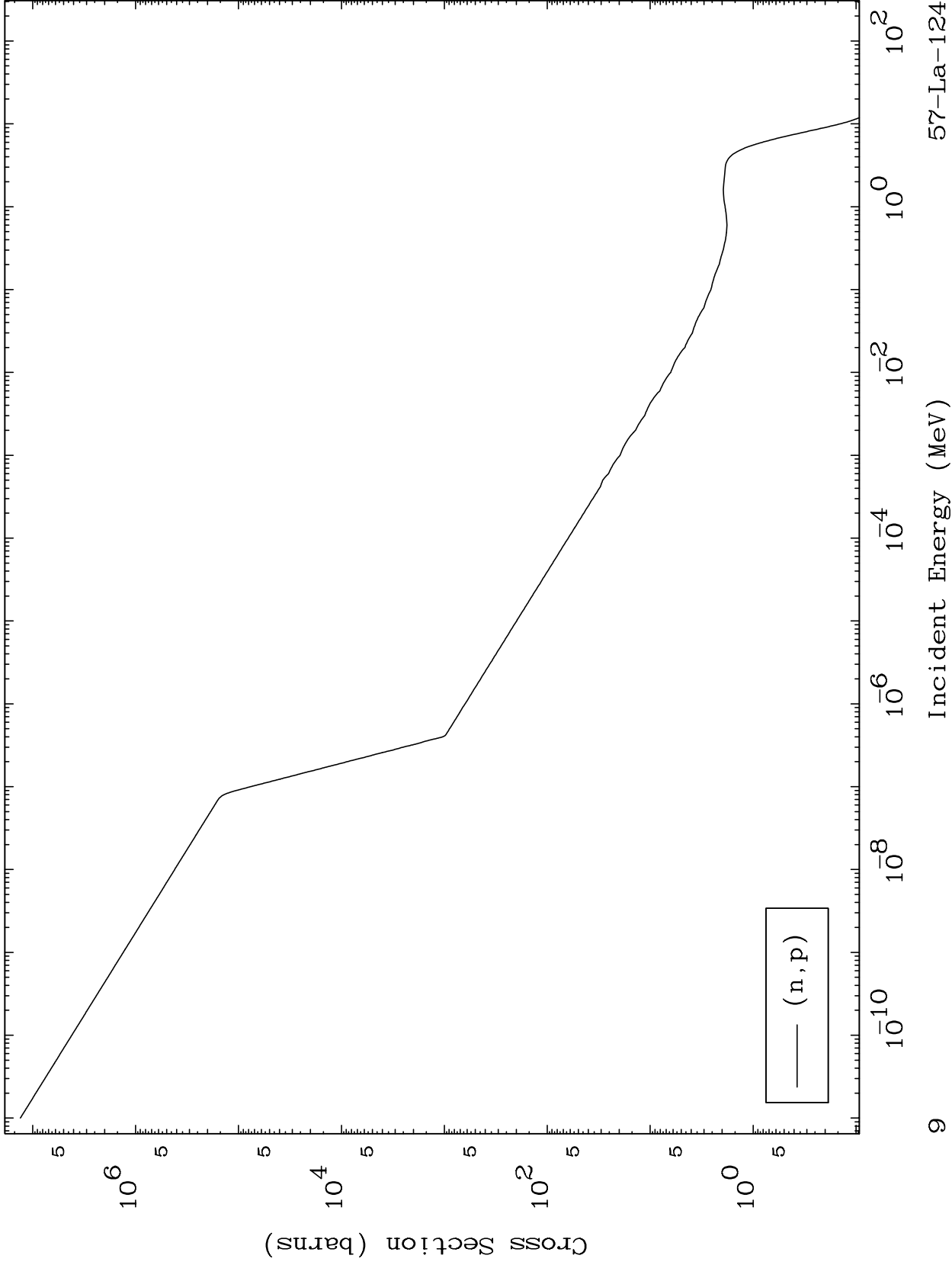
Incident Energy (MeV)

57-La-124

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(n,p) Levels
293 Kelvin Cross Sections

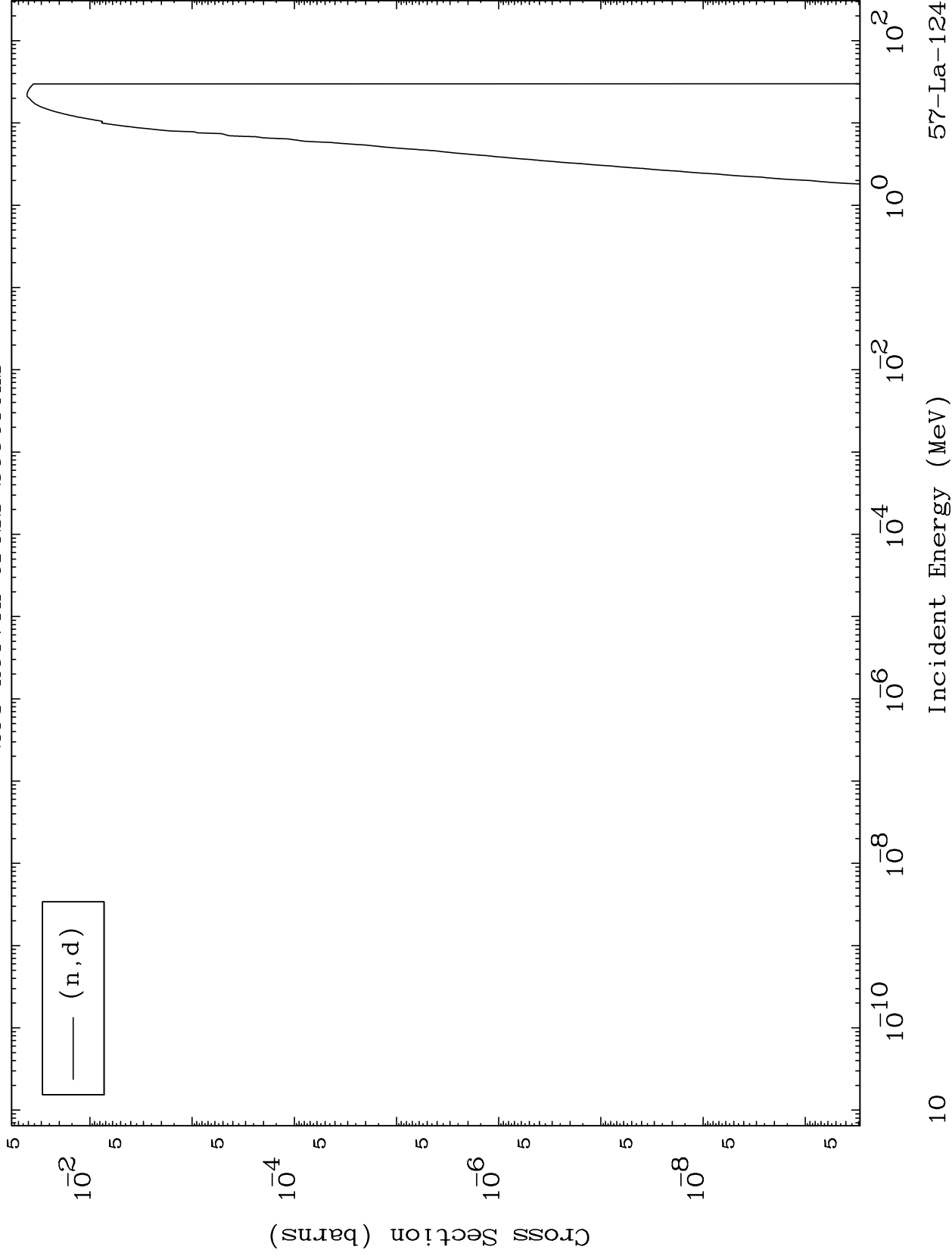
57-La-124



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(n,d) Levels
293 Kelvin Cross Sections

57-La-124



10

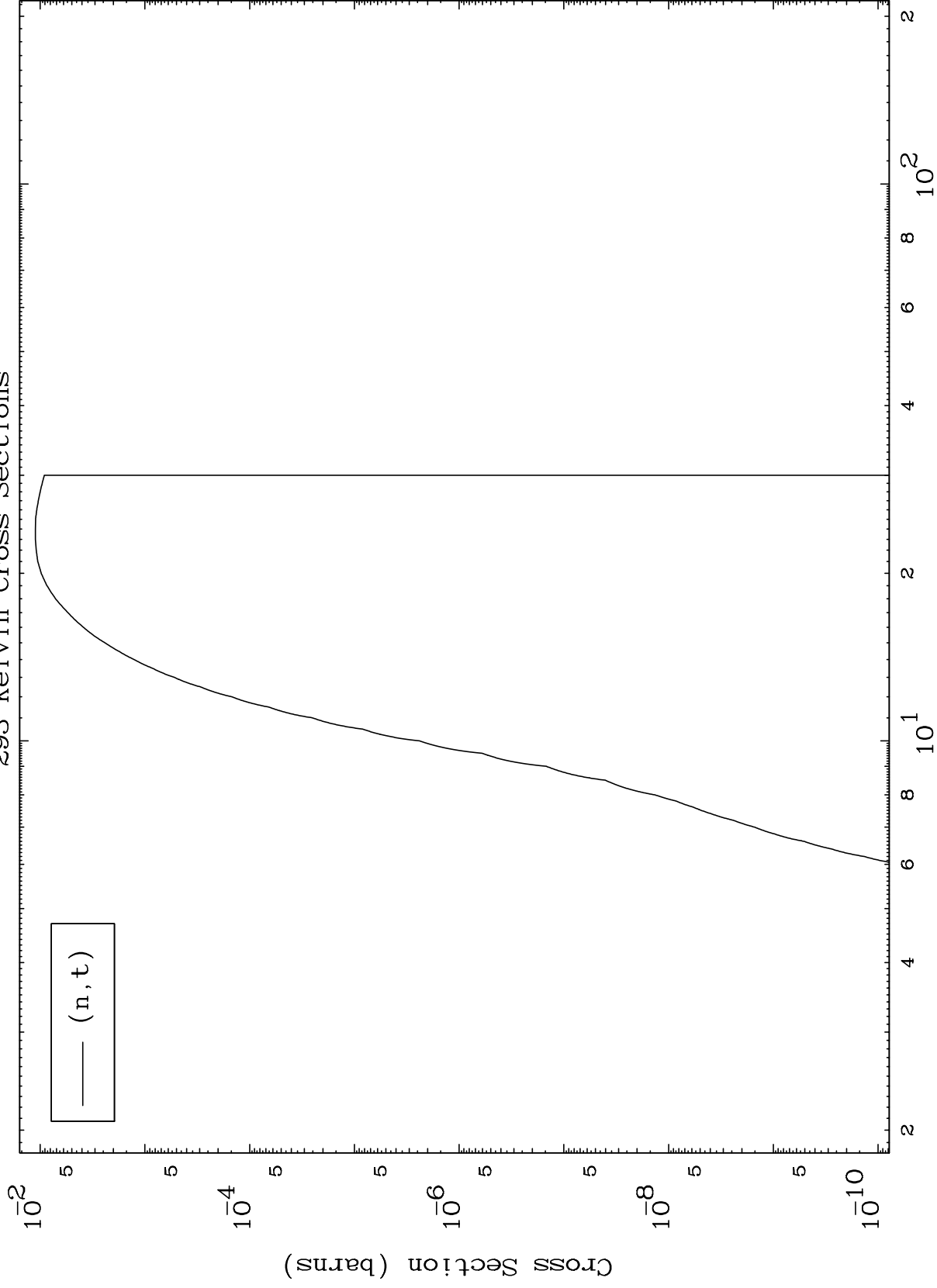
Incident Energy (MeV)

57-La-124

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(n,t) Levels
293 Kelvin Cross Sections

57-La-124



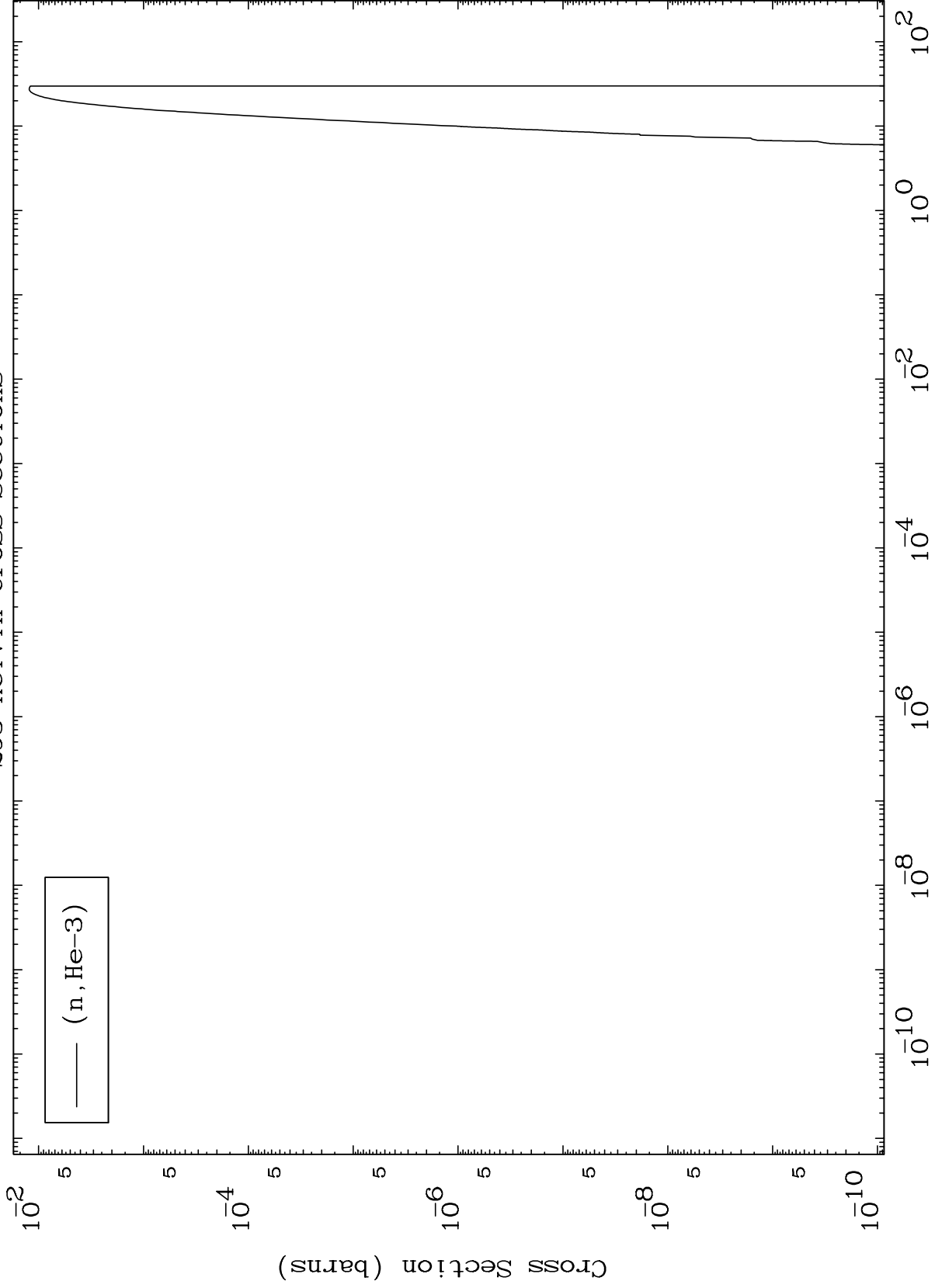
11

57-La-124

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(n,He3) Levels
293 Kelvin Cross Sections

57-La-124



12

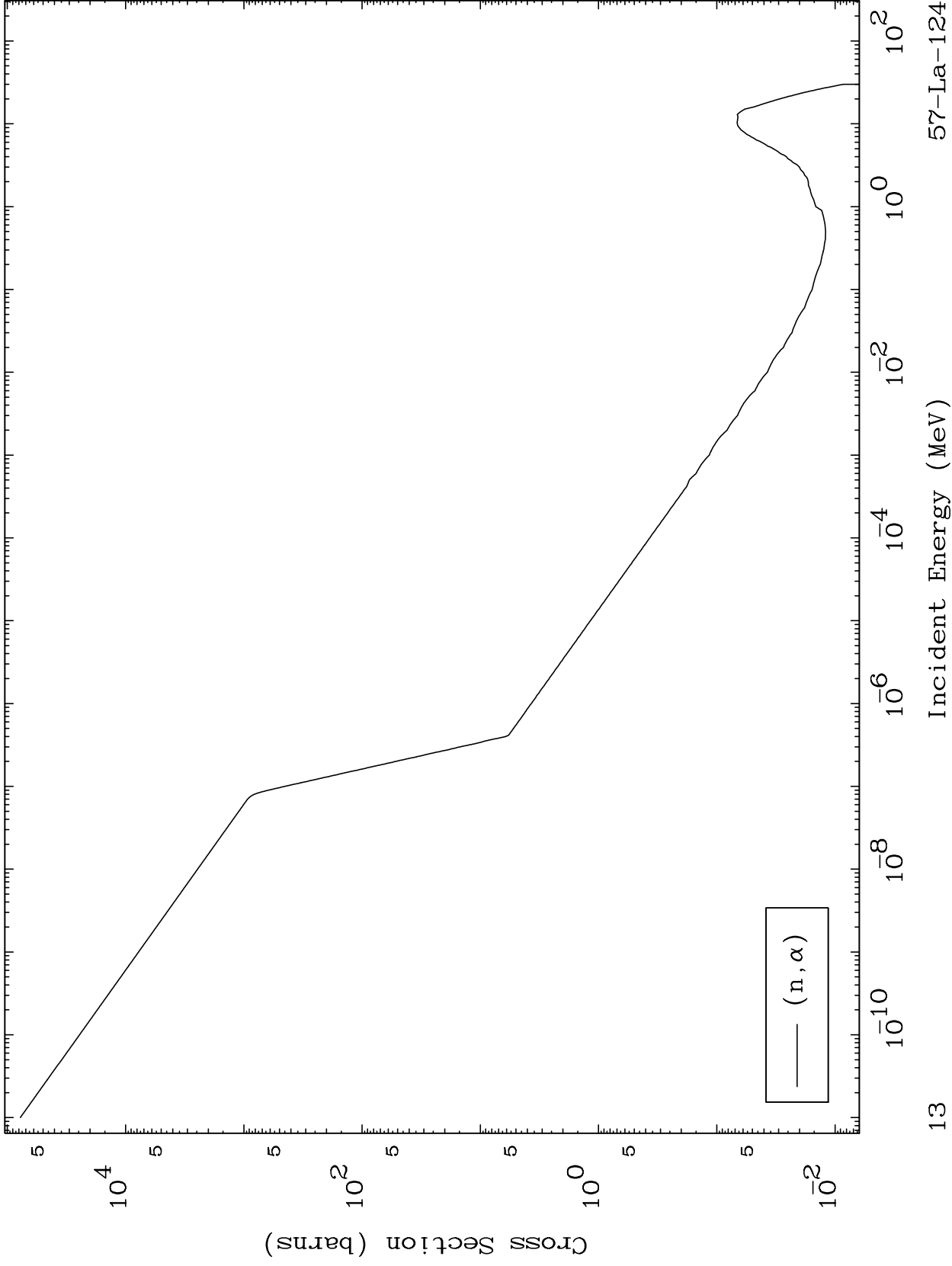
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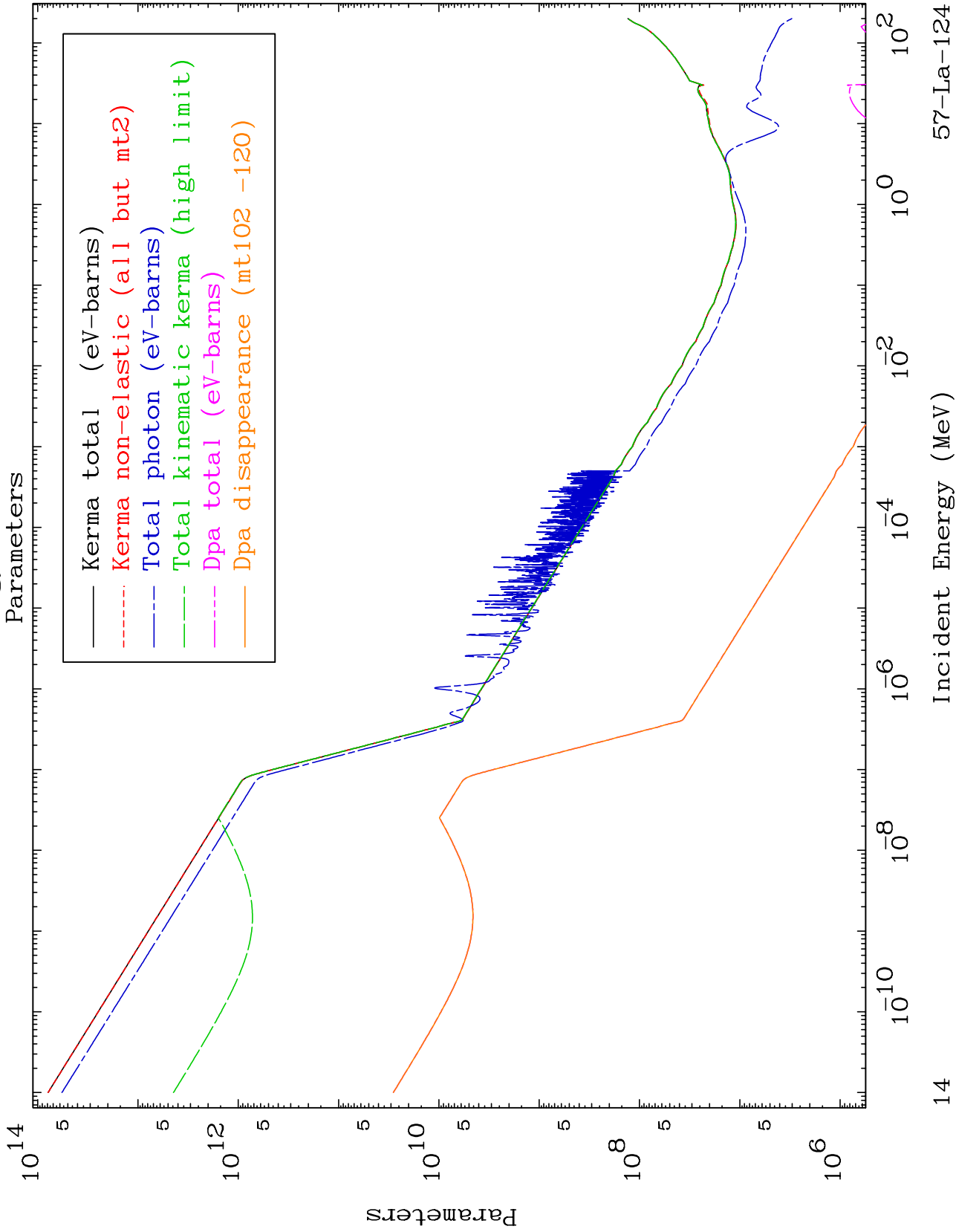
57-La-124

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(n,α) Levels
293 Kelvin Cross Sections

57-La-124

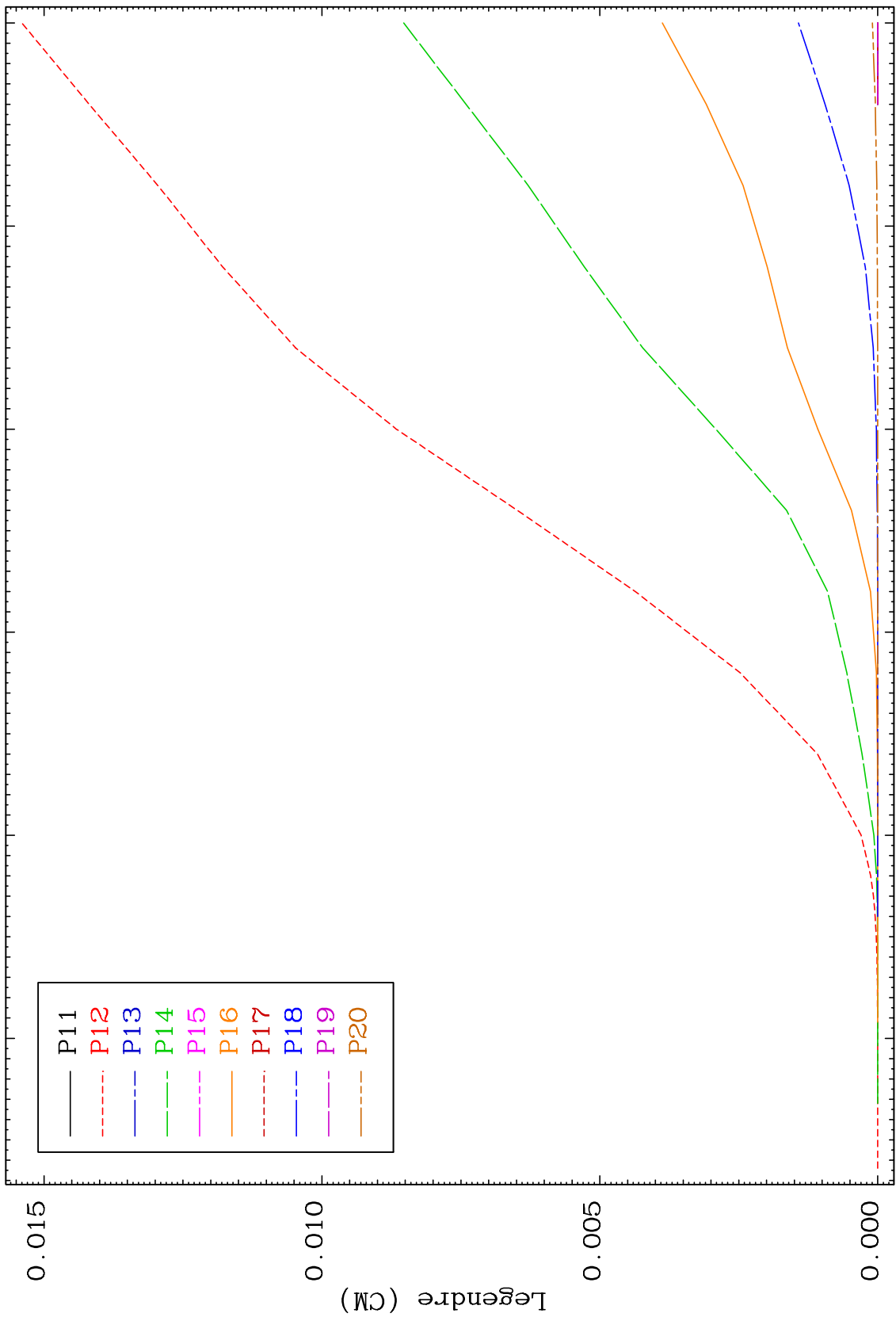




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Elastic Legendre Coefficients

57-La-124



16

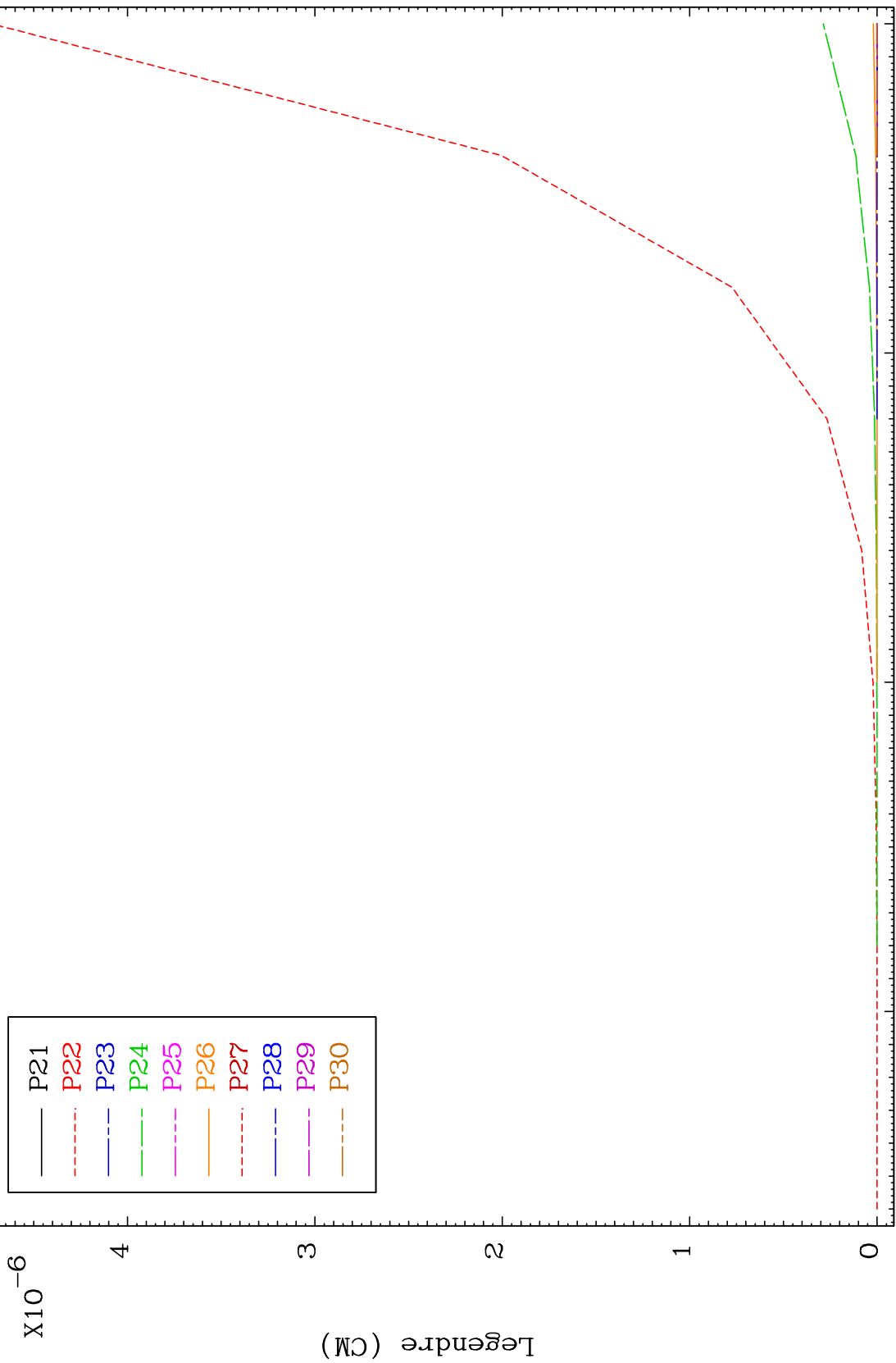
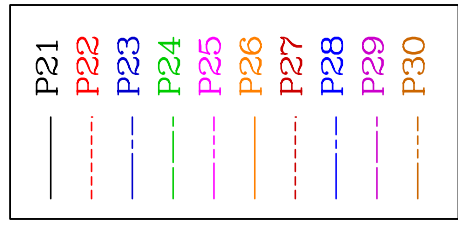
57-La-124

Incident Energy (MeV)

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Elastic
Legendre Coefficients

57-La-124



17

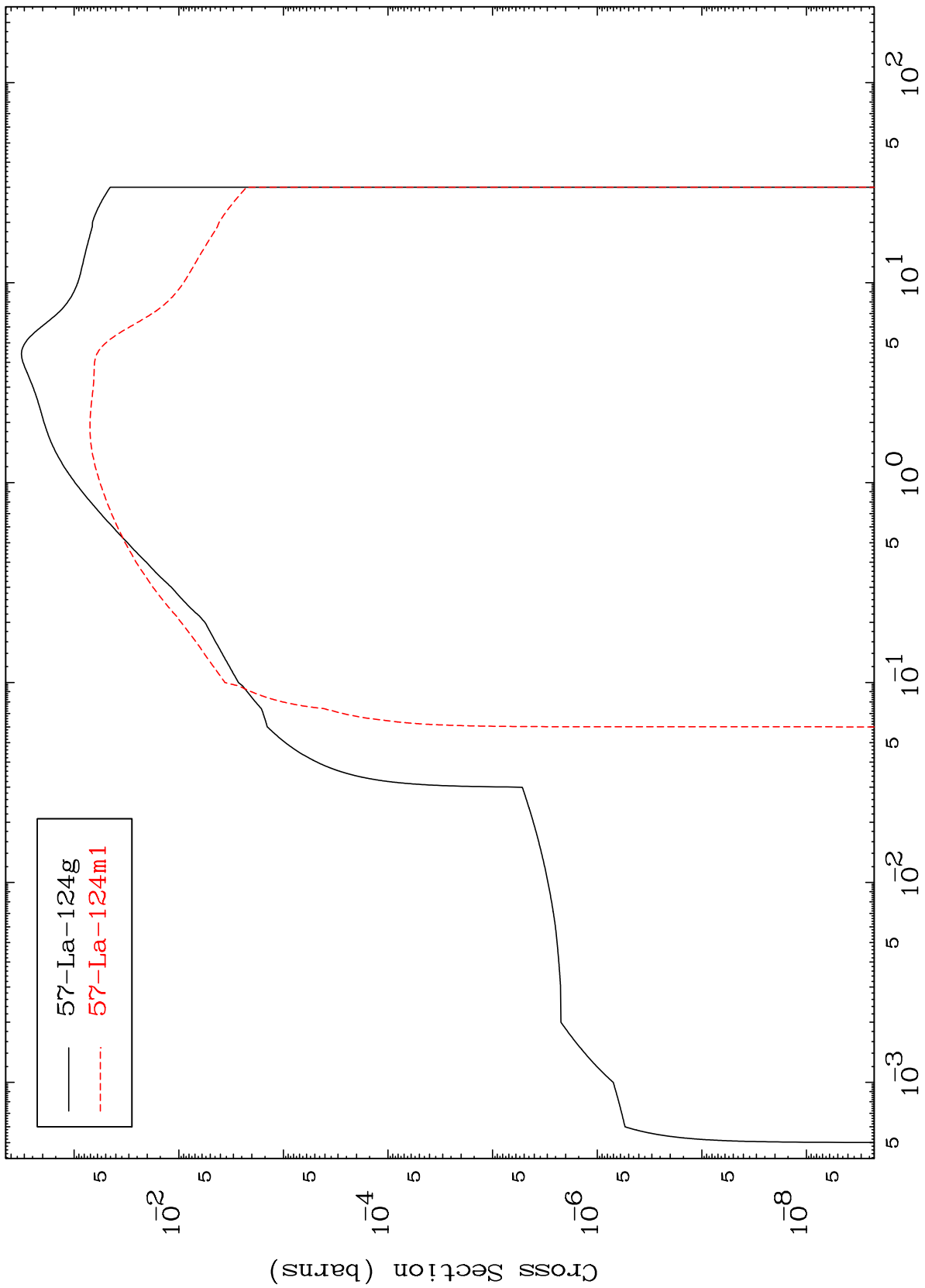
Incident Energy (MeV)

57-La-124

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57-La-124

Radionuclide Production Cross Section



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Incident Energy (MeV)

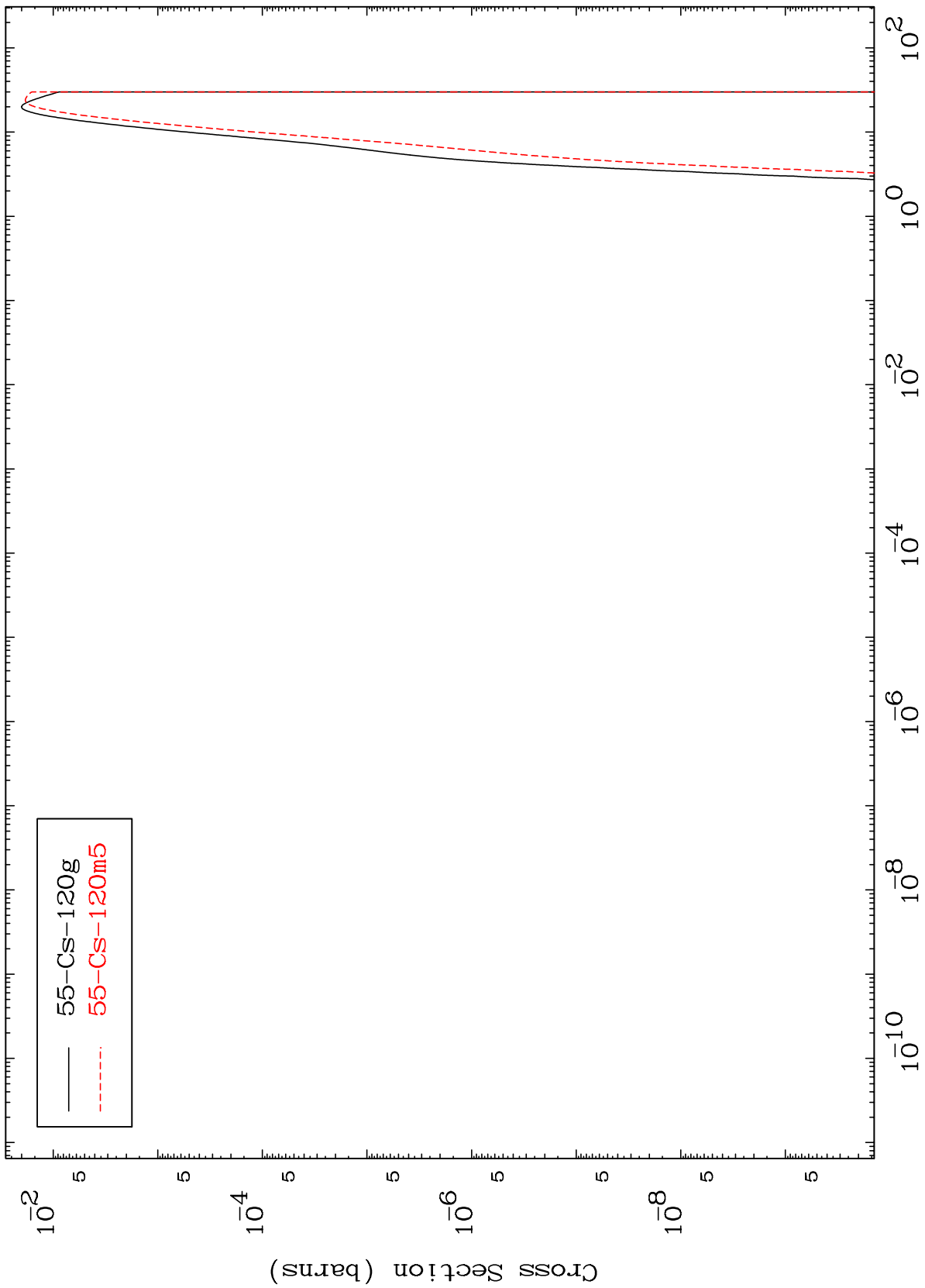
57-La-124

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(n, n') α

57-La-124

Radionuclide Production Cross Section

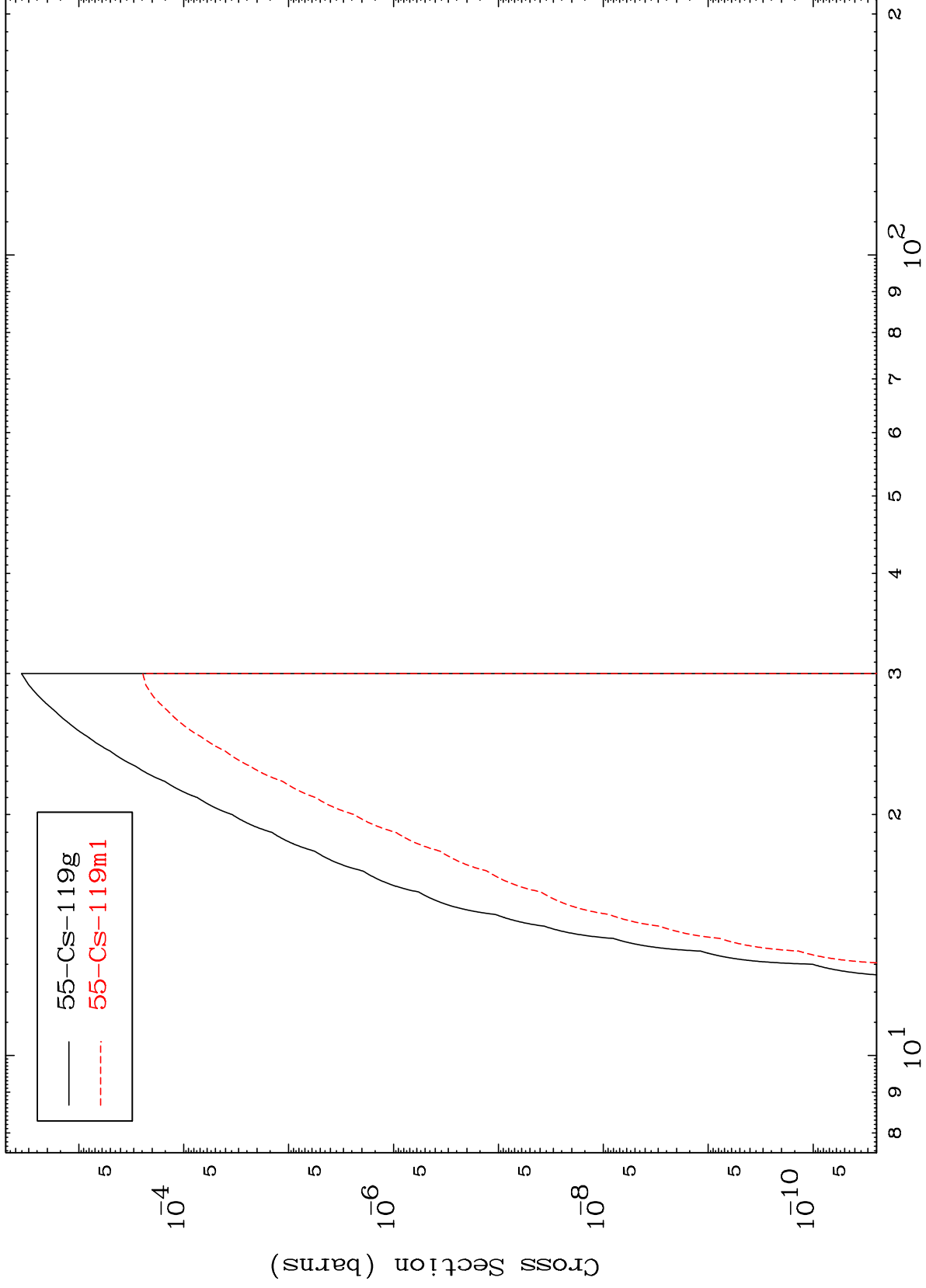


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(n,2n) α

57-La-124

Radionuclide Production Cross Section



20

Incident Energy (MeV)

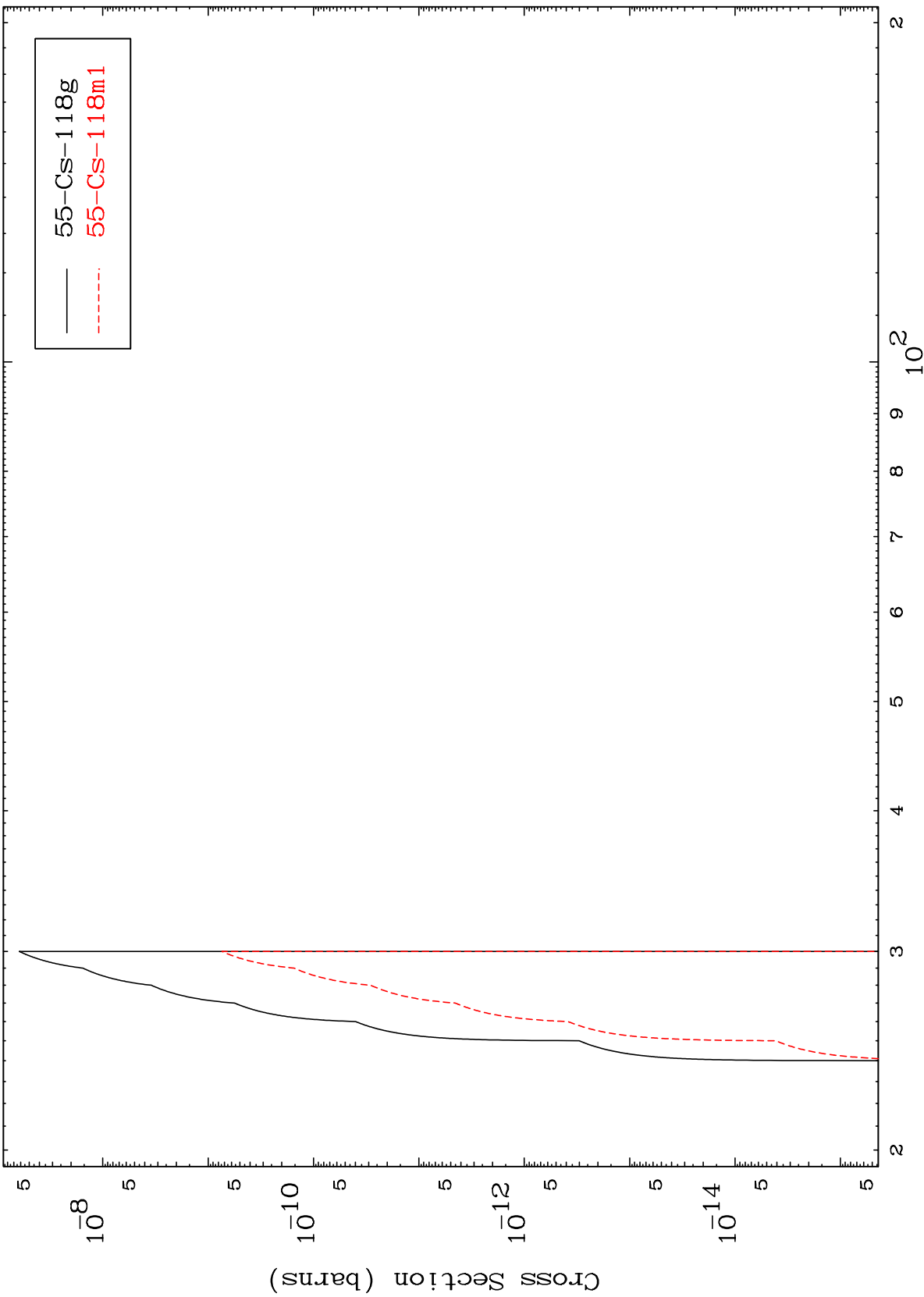
57-La-124

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(n,3n) α

57-La-124

Radionuclide Production Cross Section



21

Incident Energy (MeV)

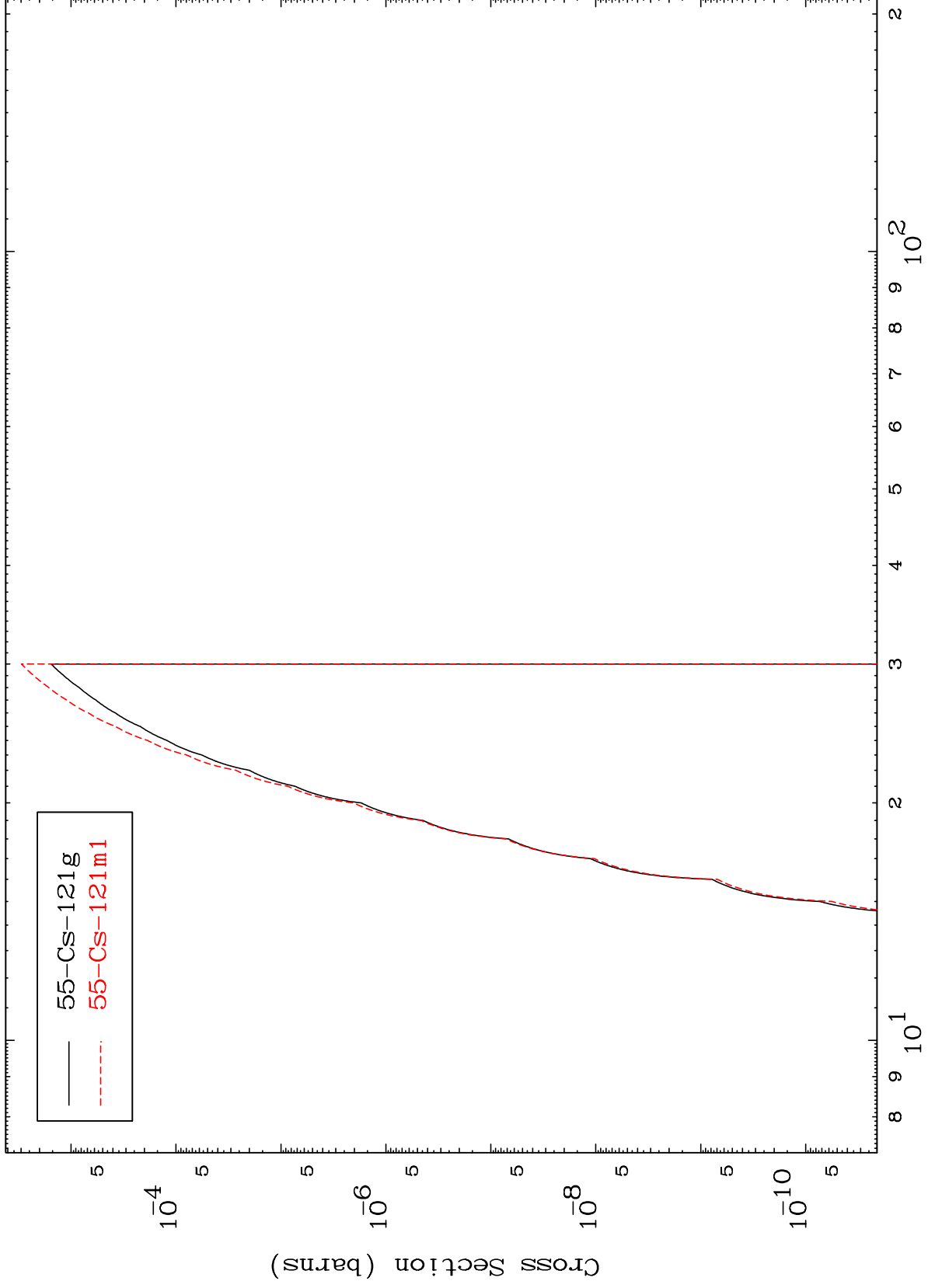
57-La-124

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(n,n') He-3

57-La-124

Radionuclide Production Cross Section



22

Incident Energy (MeV)

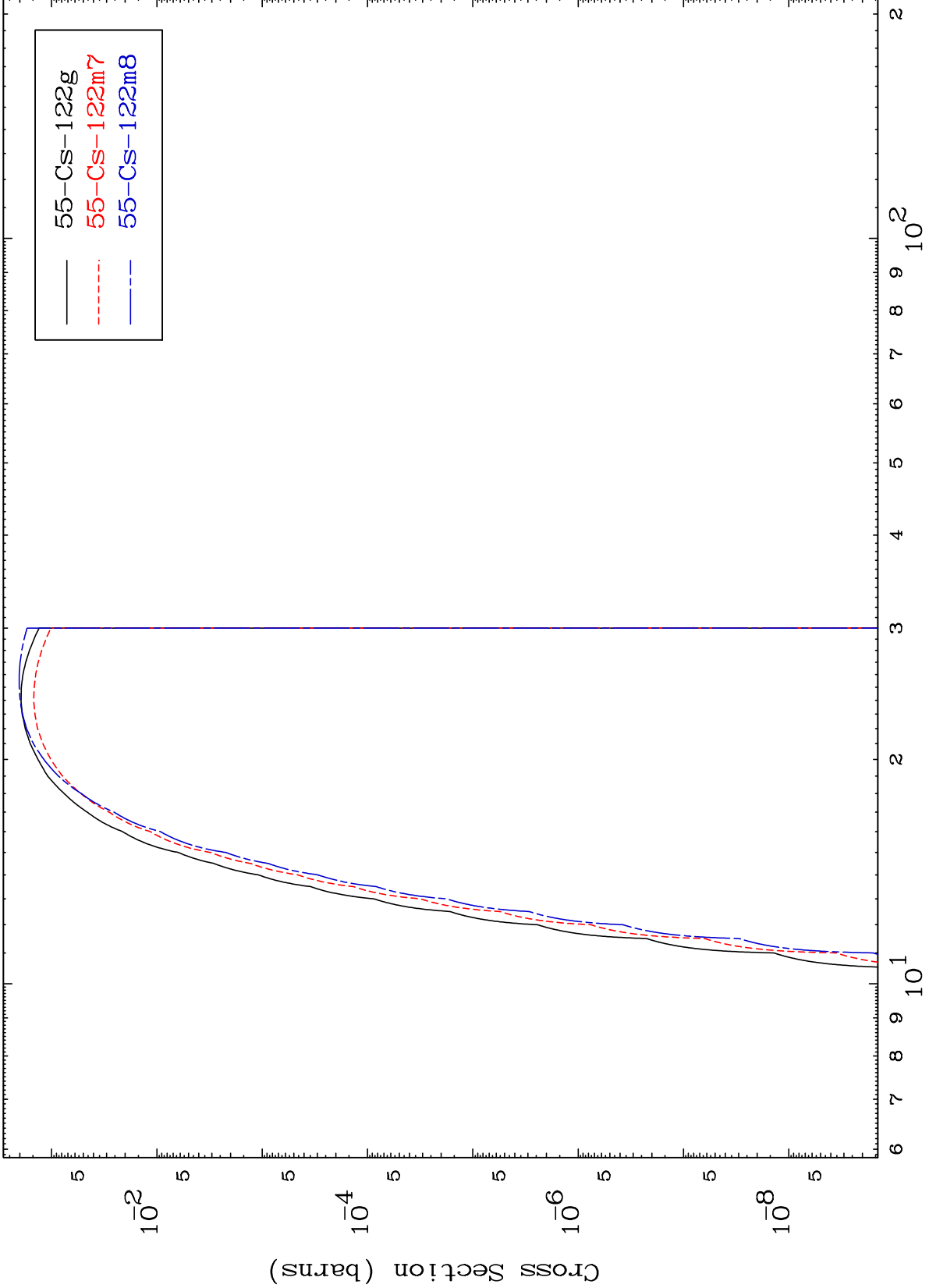
57-La-124

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(n,2n) p

57-La-124

Radionuclide Production Cross Section



23

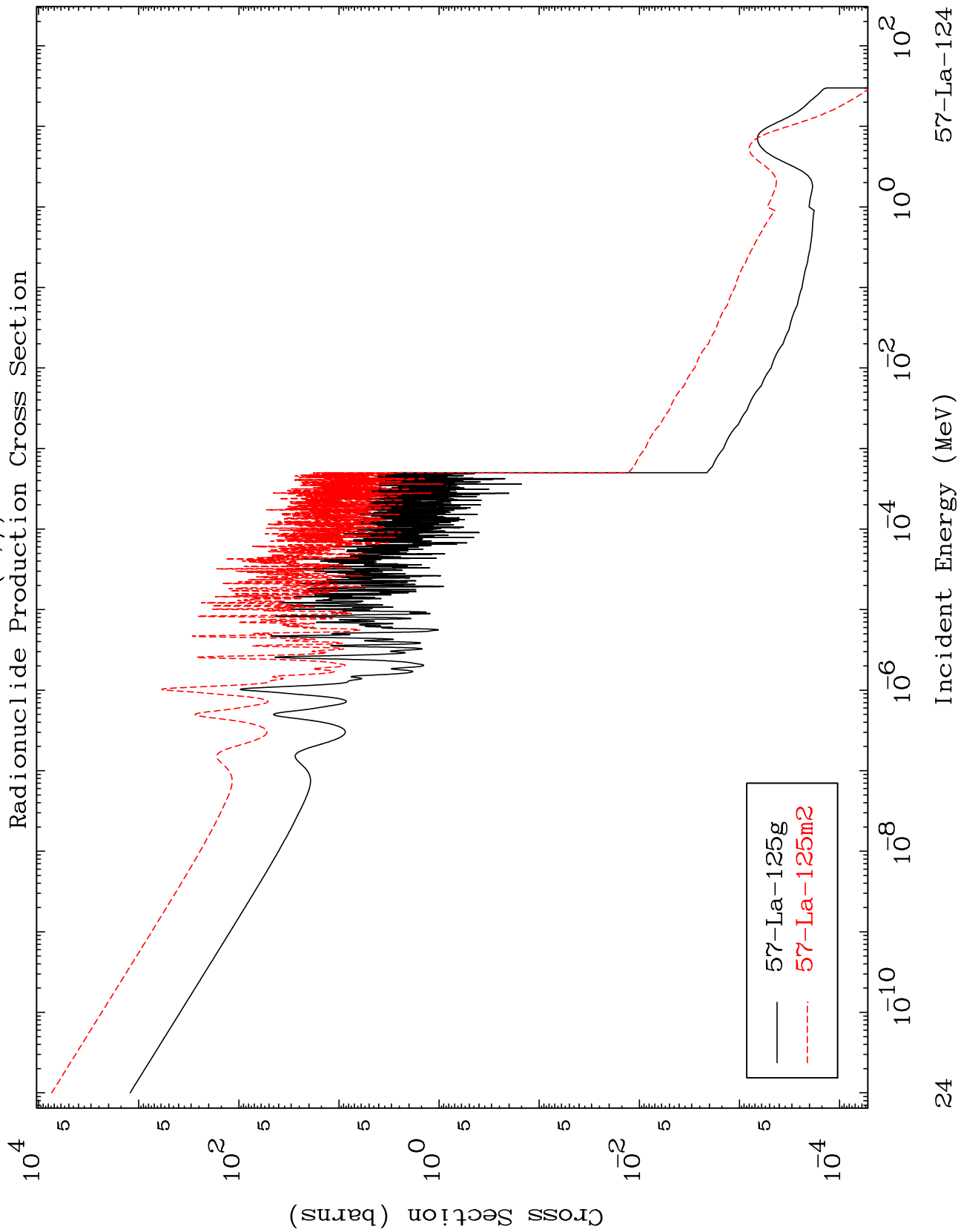
Incident Energy (MeV)

57-La-124

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57-La-124

Radionuclide Production Cross Section
(n, γ)

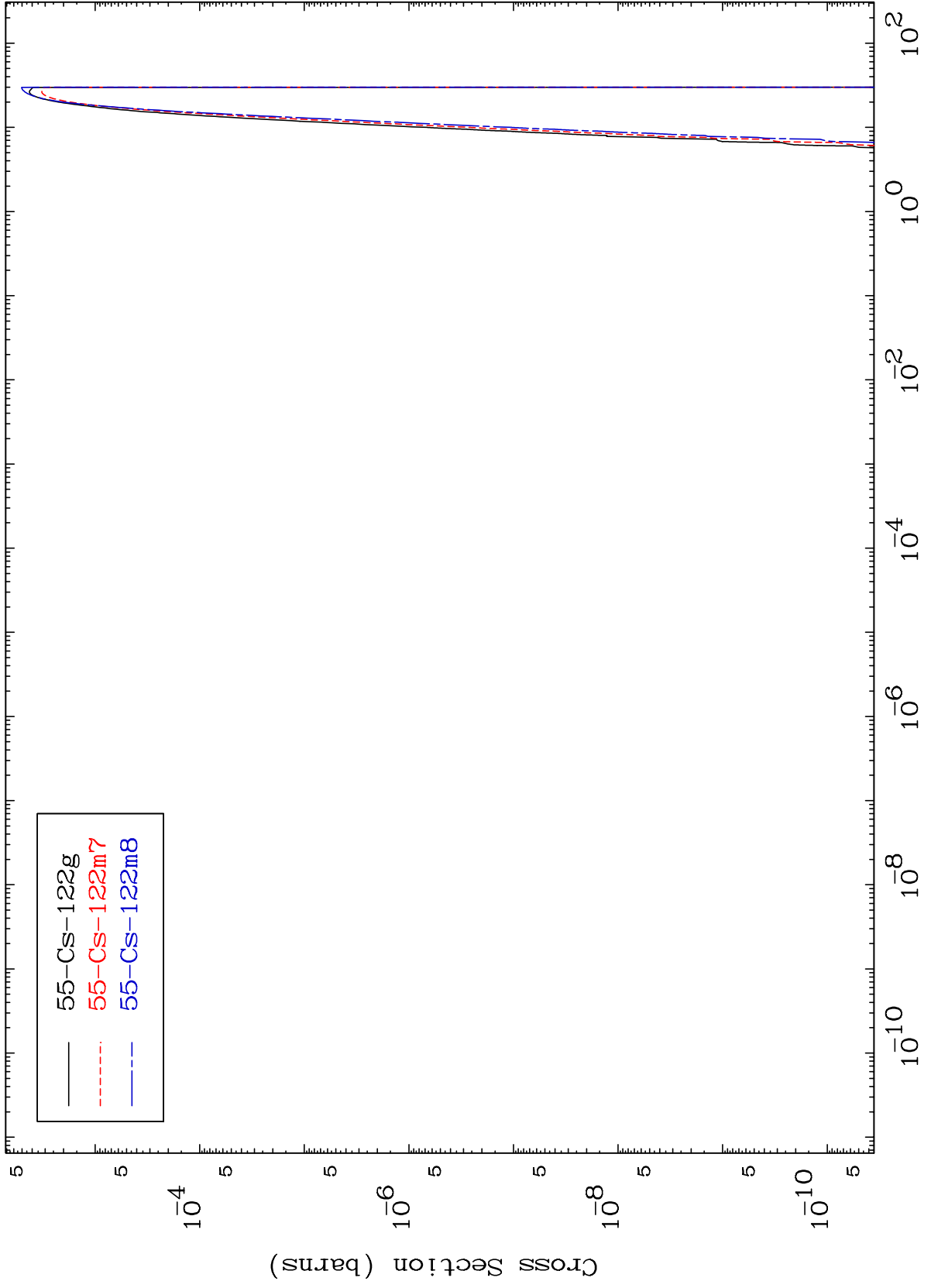


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(n,He-3)

57-La-124

Radionuclide Production Cross Section



25

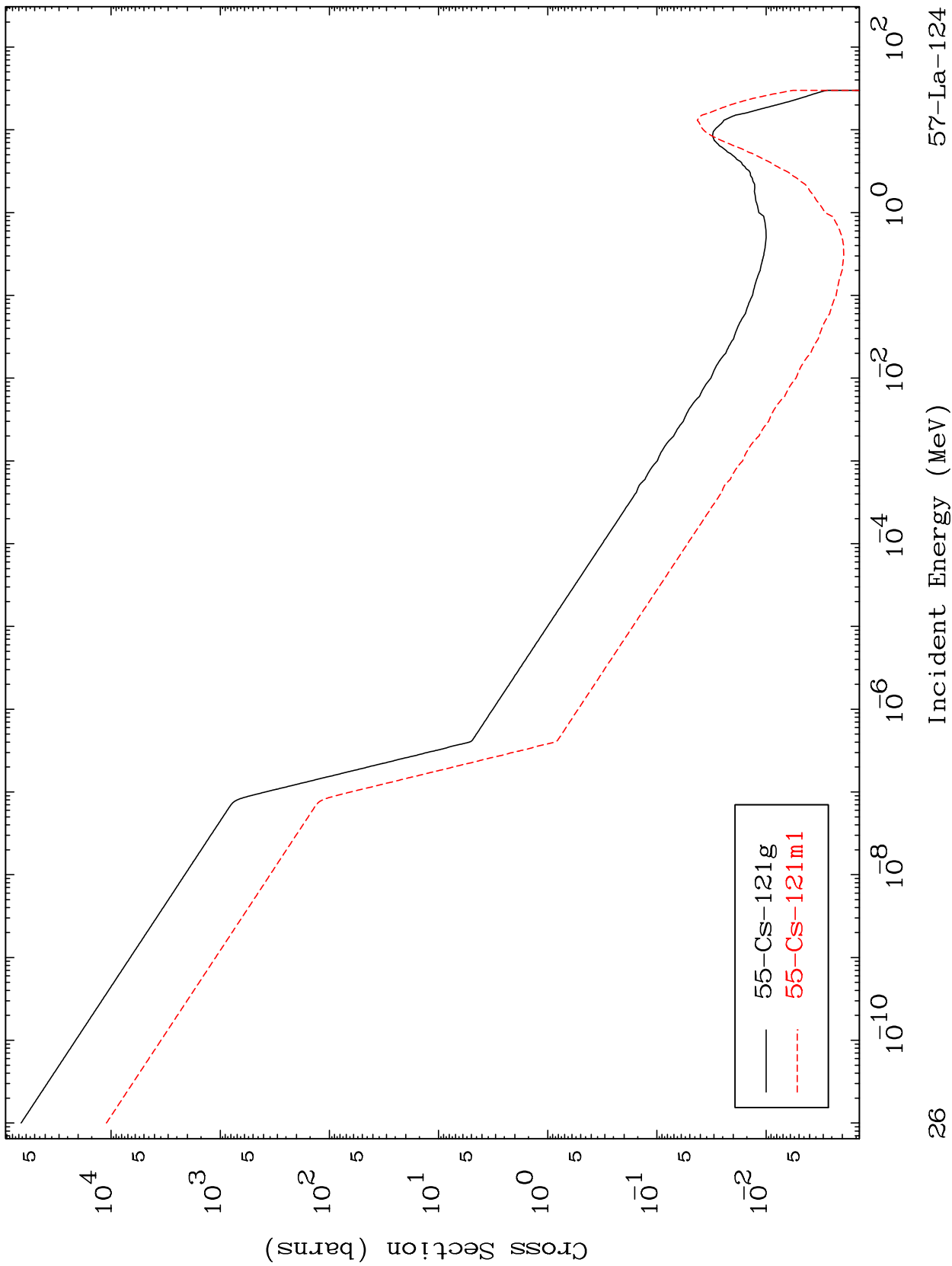
Incident Energy (MeV)

57-La-124

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57-La-124

Radionuclide Production Cross Section

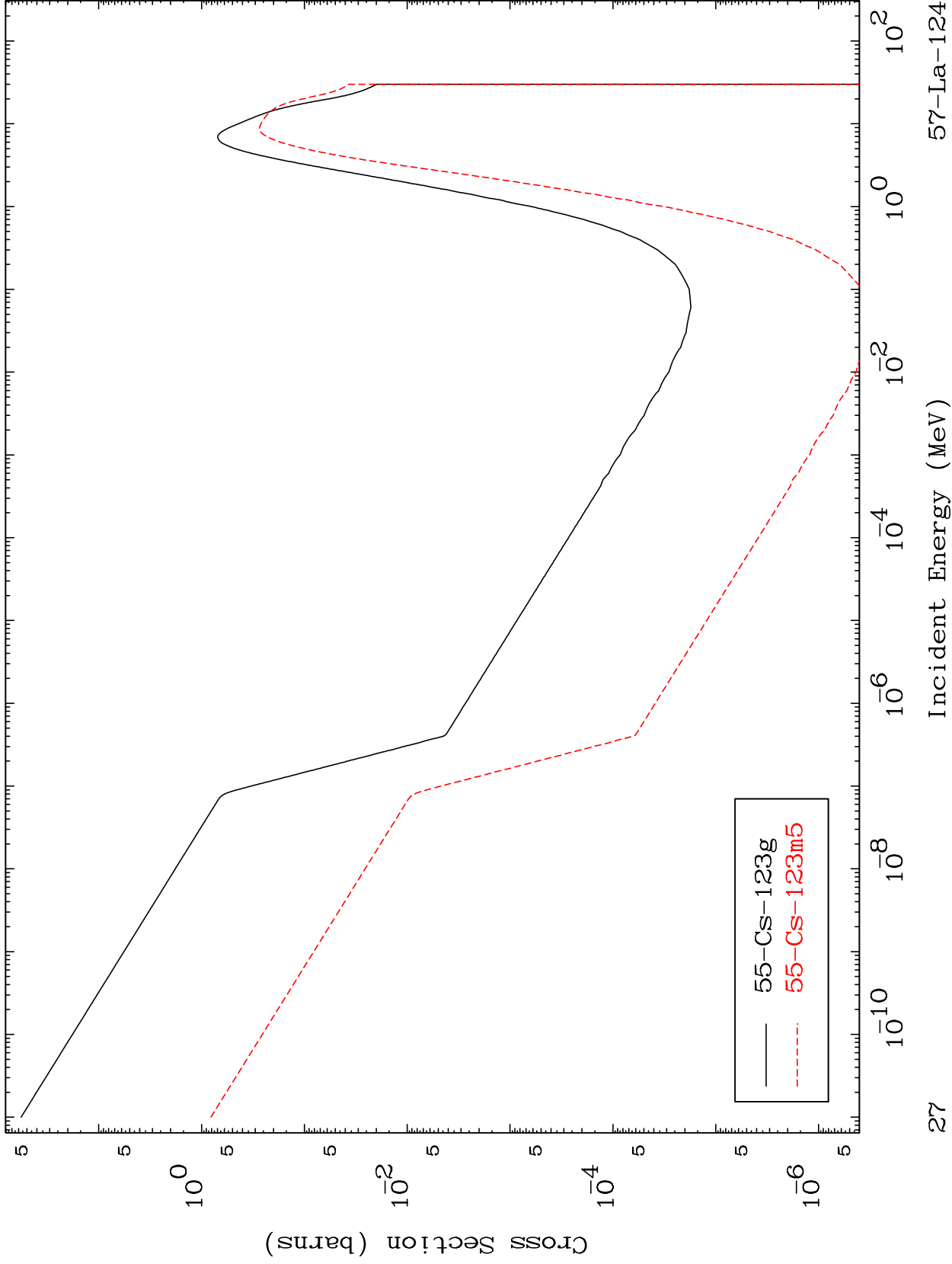


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(n,2p)

57-La-124

Radionuclide Production Cross Section

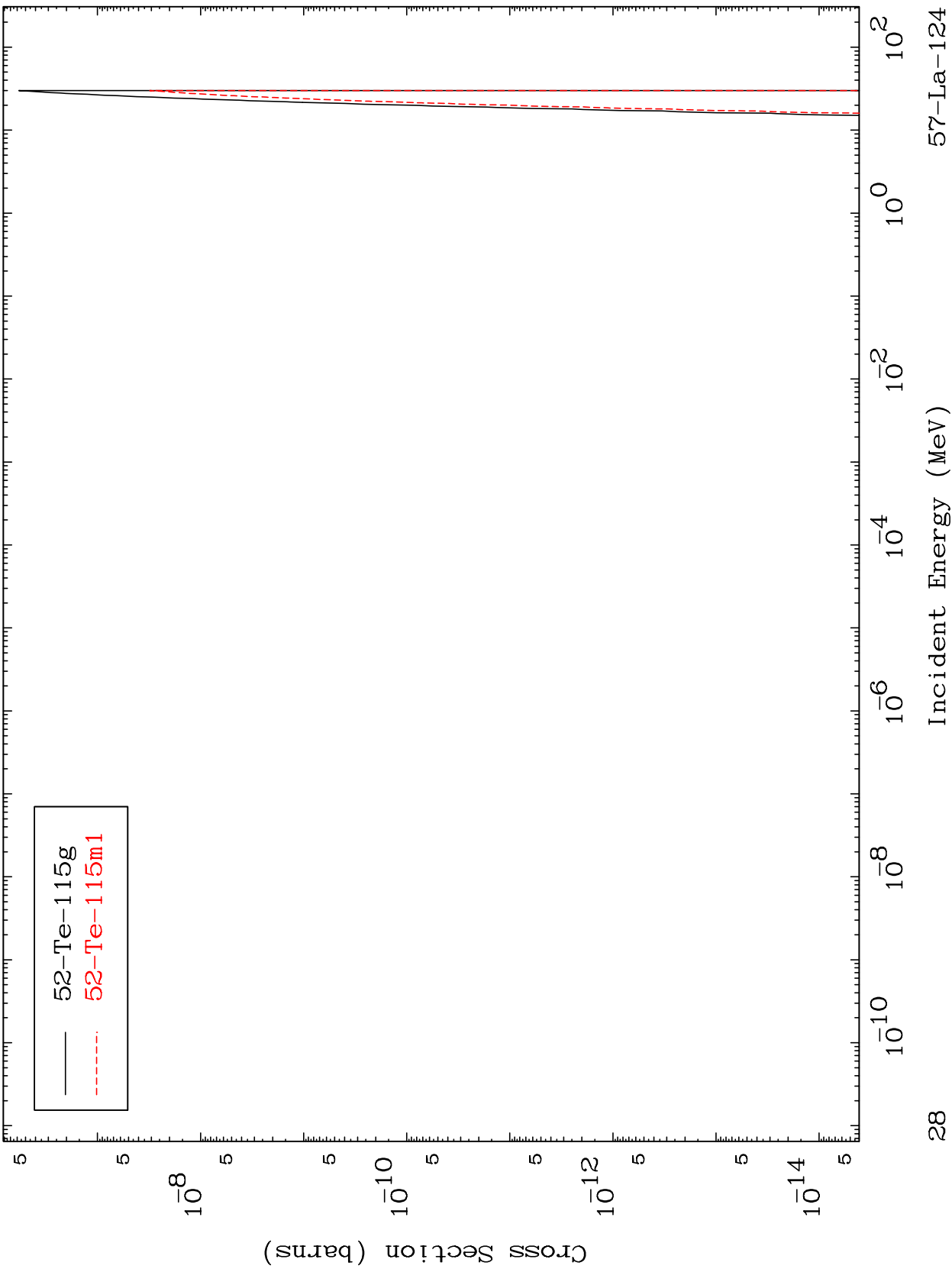


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(n,d) 2 α

57-La-124

Radionuclide Production Cross Section

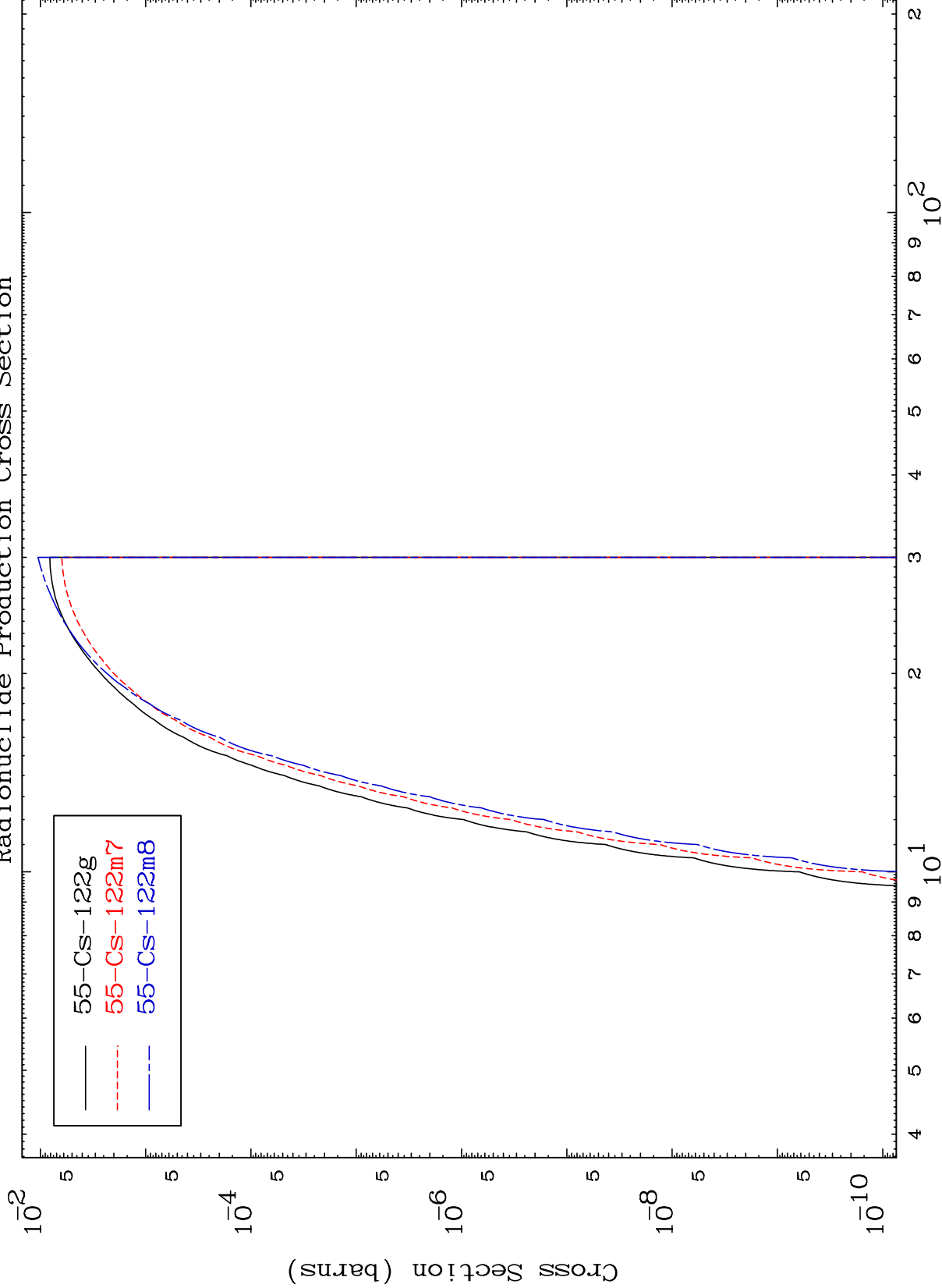


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(n,p) d

57-La-124

Radionuclide Production Cross Section



55-Cs-122g
55-Cs-122m7
55-Cs-122m8

29

Incident Energy (MeV)

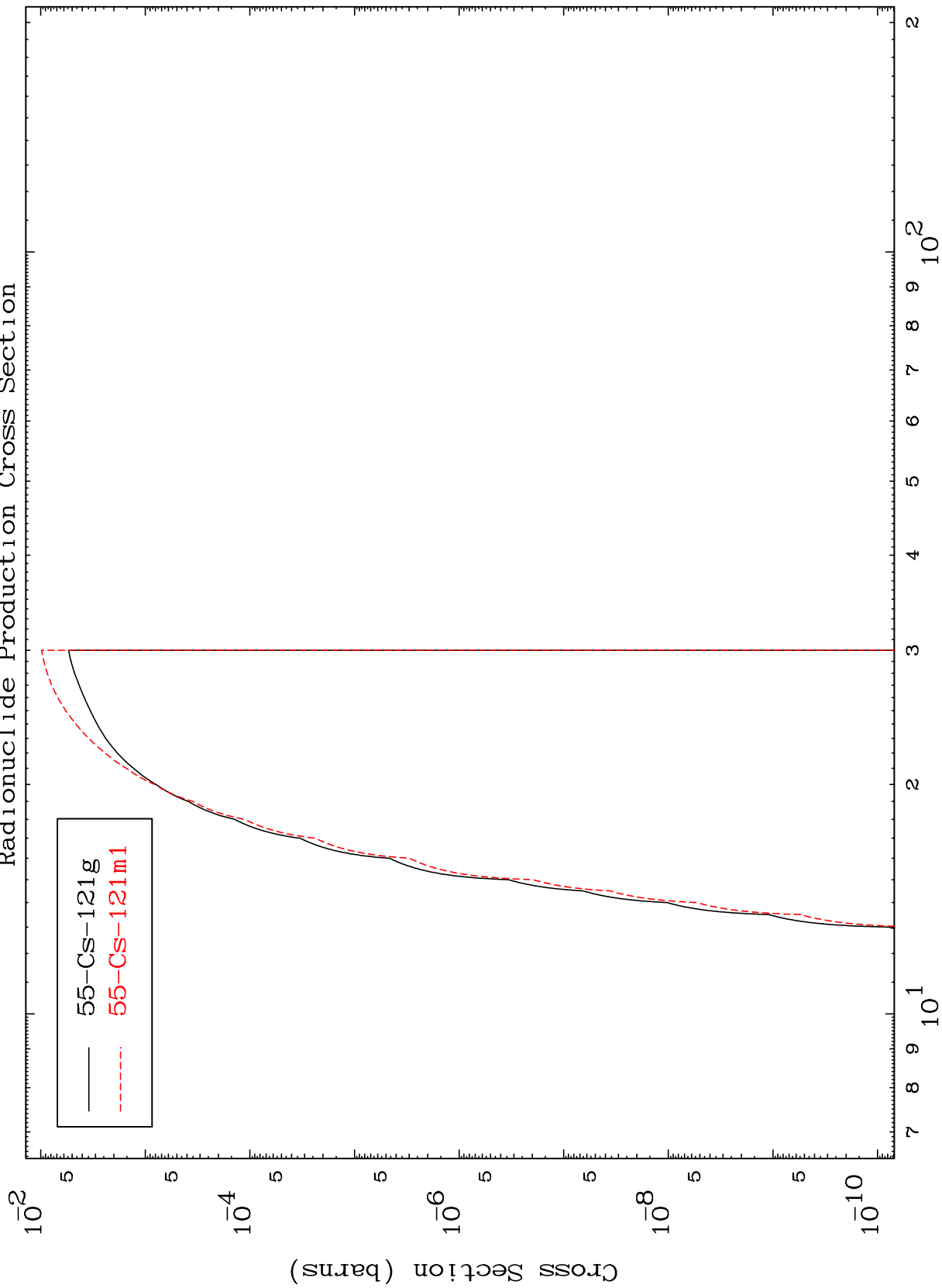
57-La-124

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(n,p) t

57-La-124

Radionuclide Production Cross Section



30

Incident Energy (MeV)

57-La-124