

Program EVALPLOT
(Version 2018-1)

by

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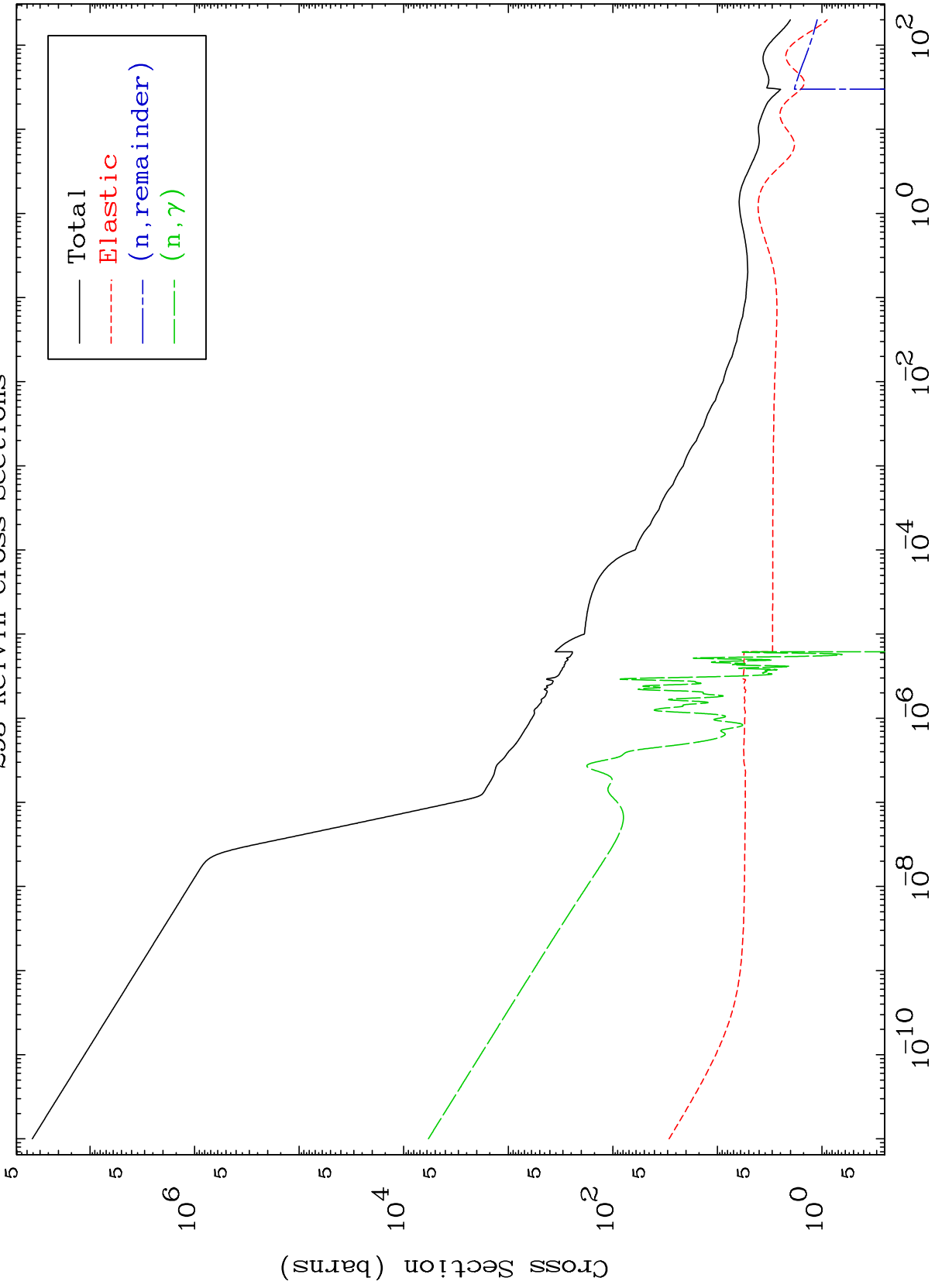
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5668

Major
293 Kelvin Cross Sections

57-La-119



1

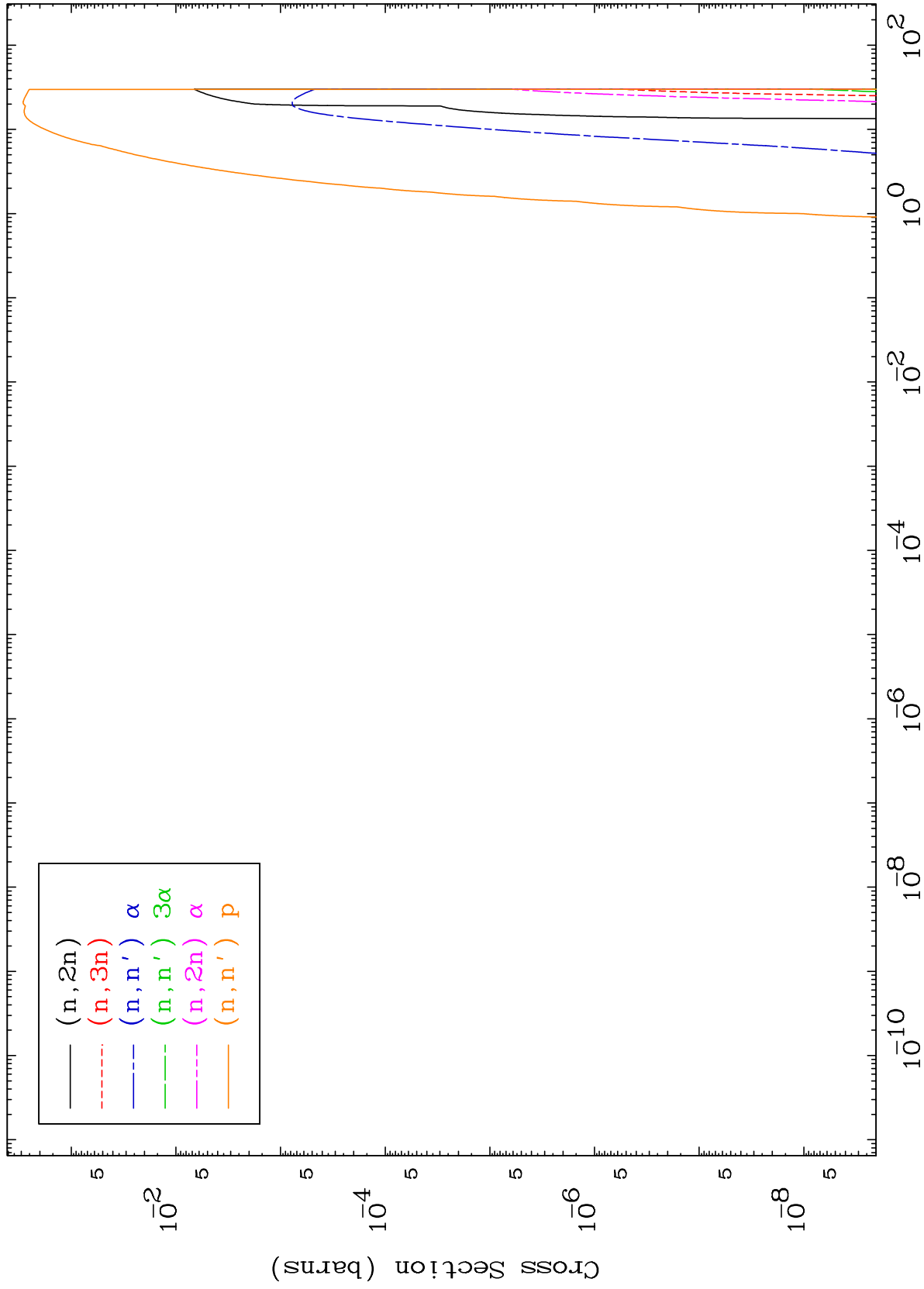
Incident Energy (MeV)

57-La-119

MAT 5668

Neutron Production
293 Kelvin Cross Sections

57-La-119

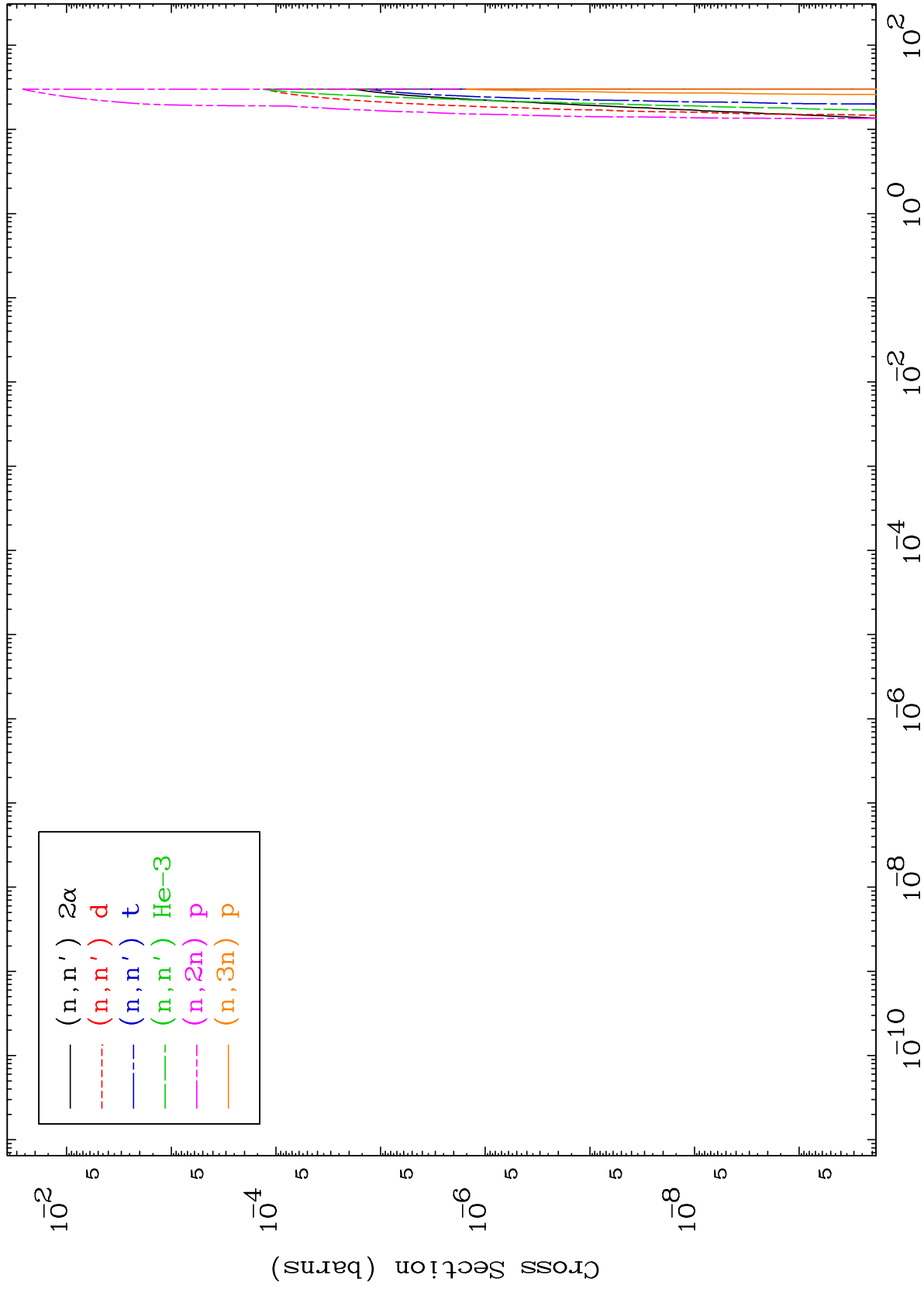


57-La-119

MAT 5668

Neutron Production
293 Kelvin Cross Sections

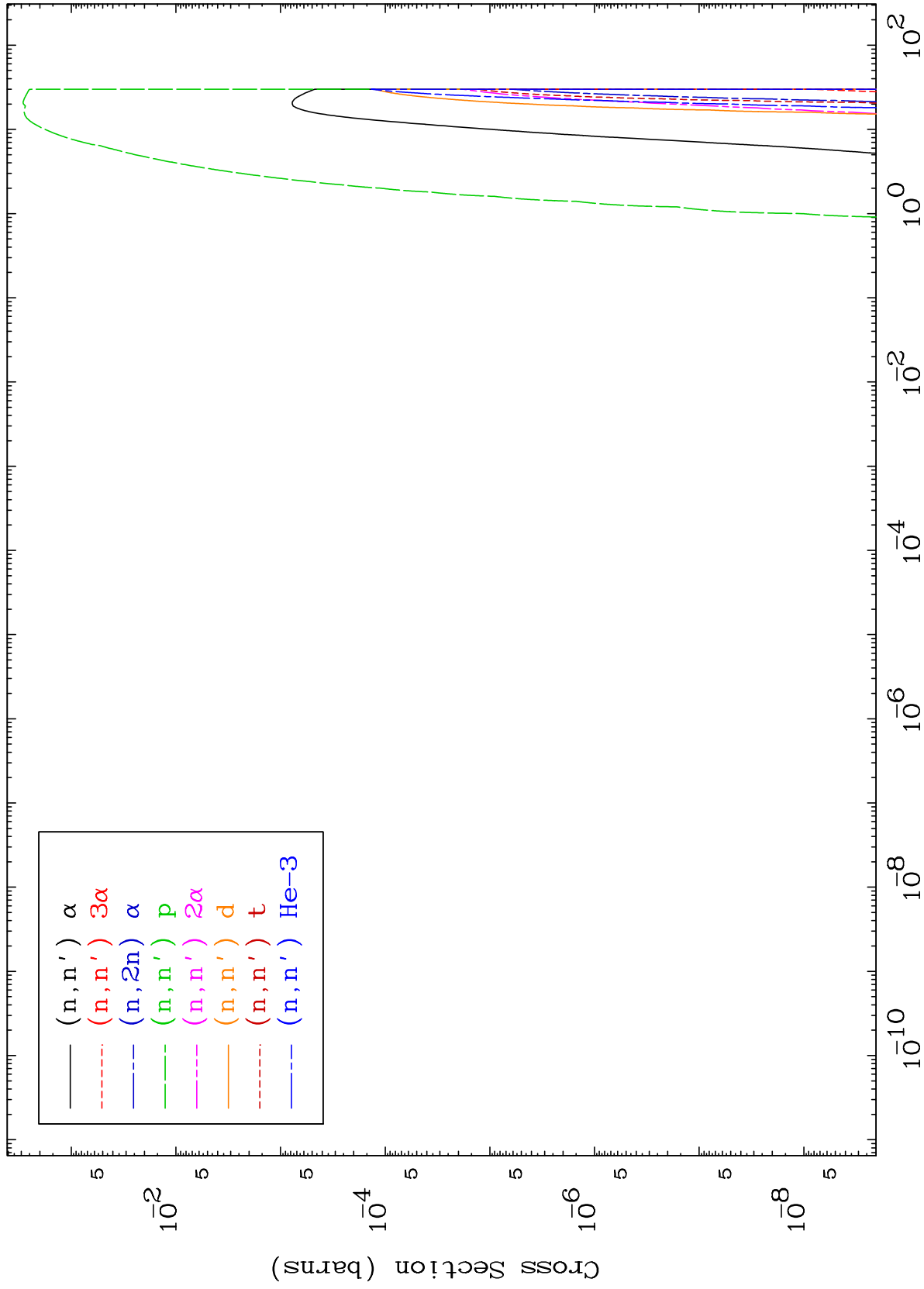
57-La-119

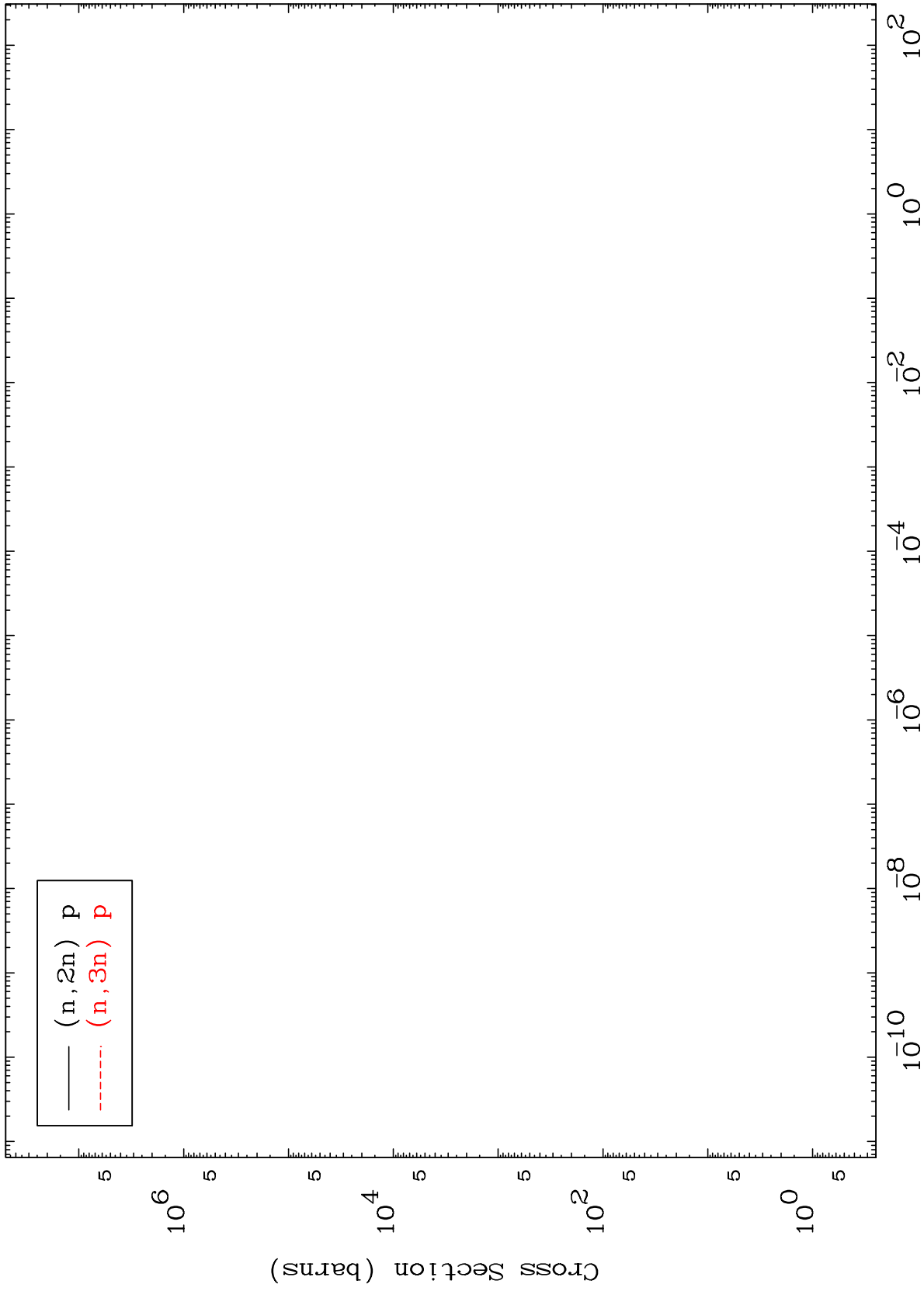


MAT 5668

Charged Particle
293 Kelvin Cross Sections

57-La-119

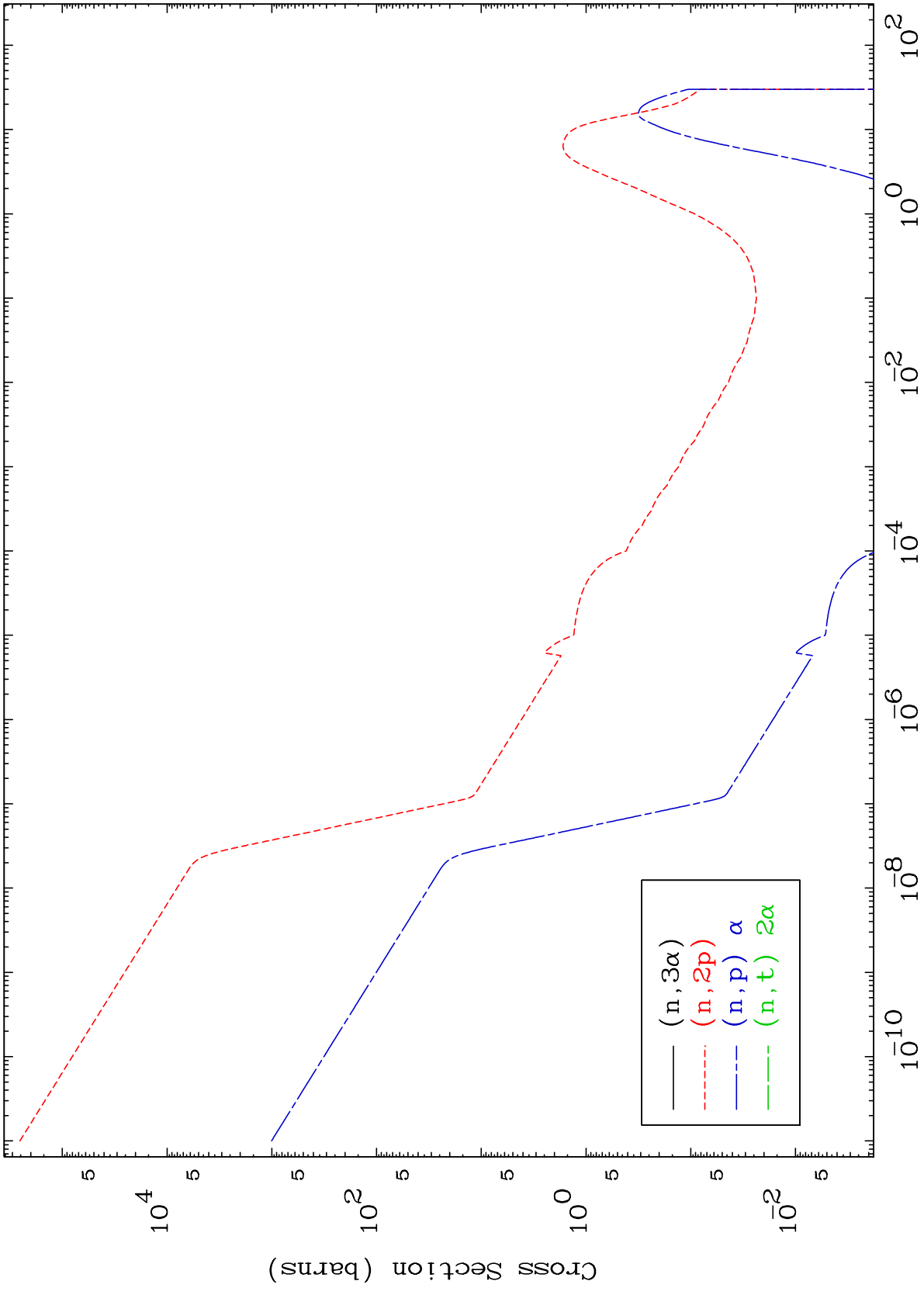


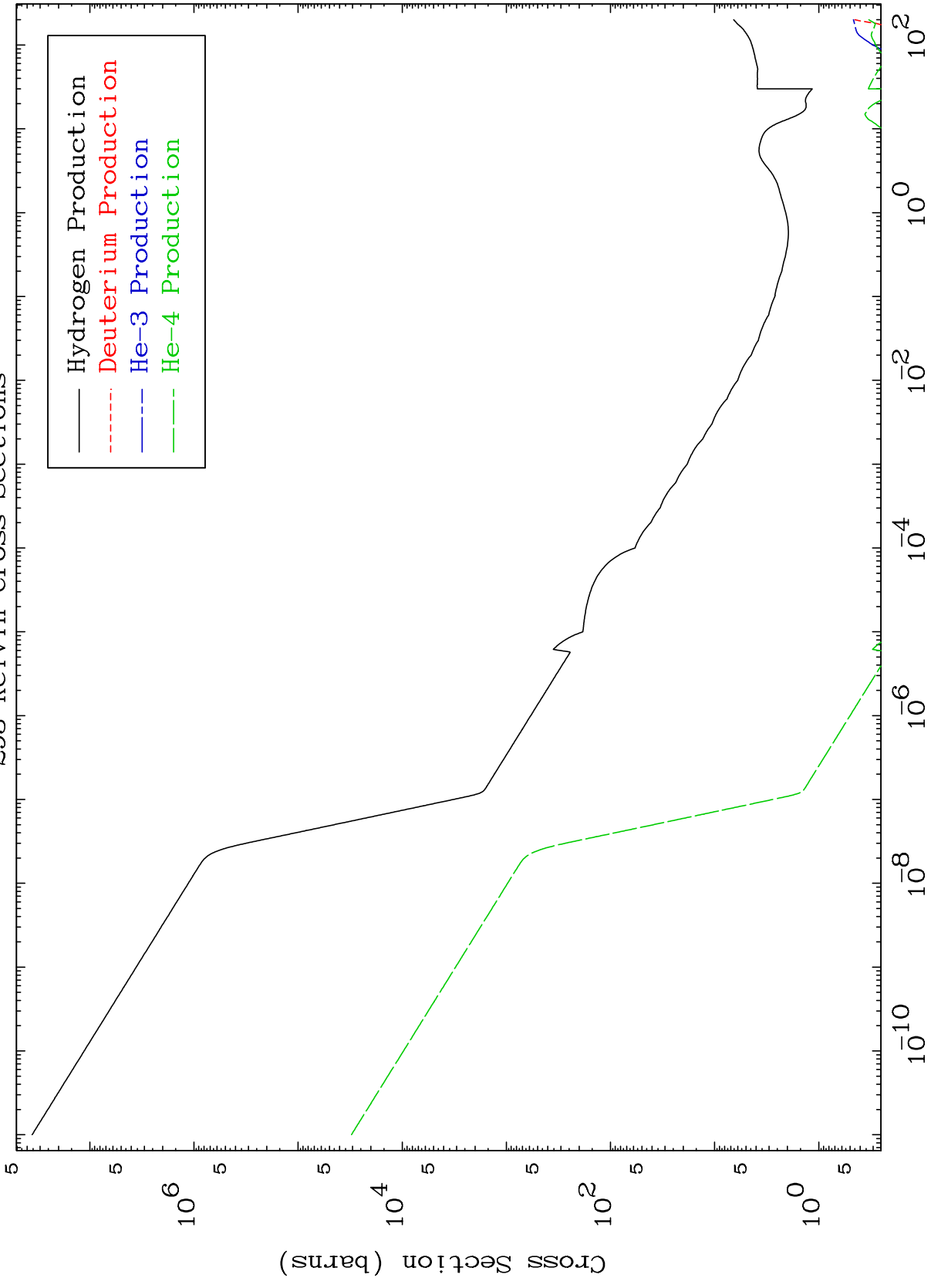


MAT 5668

Charged Particle
293 Kelvin Cross Sections

57-La-119

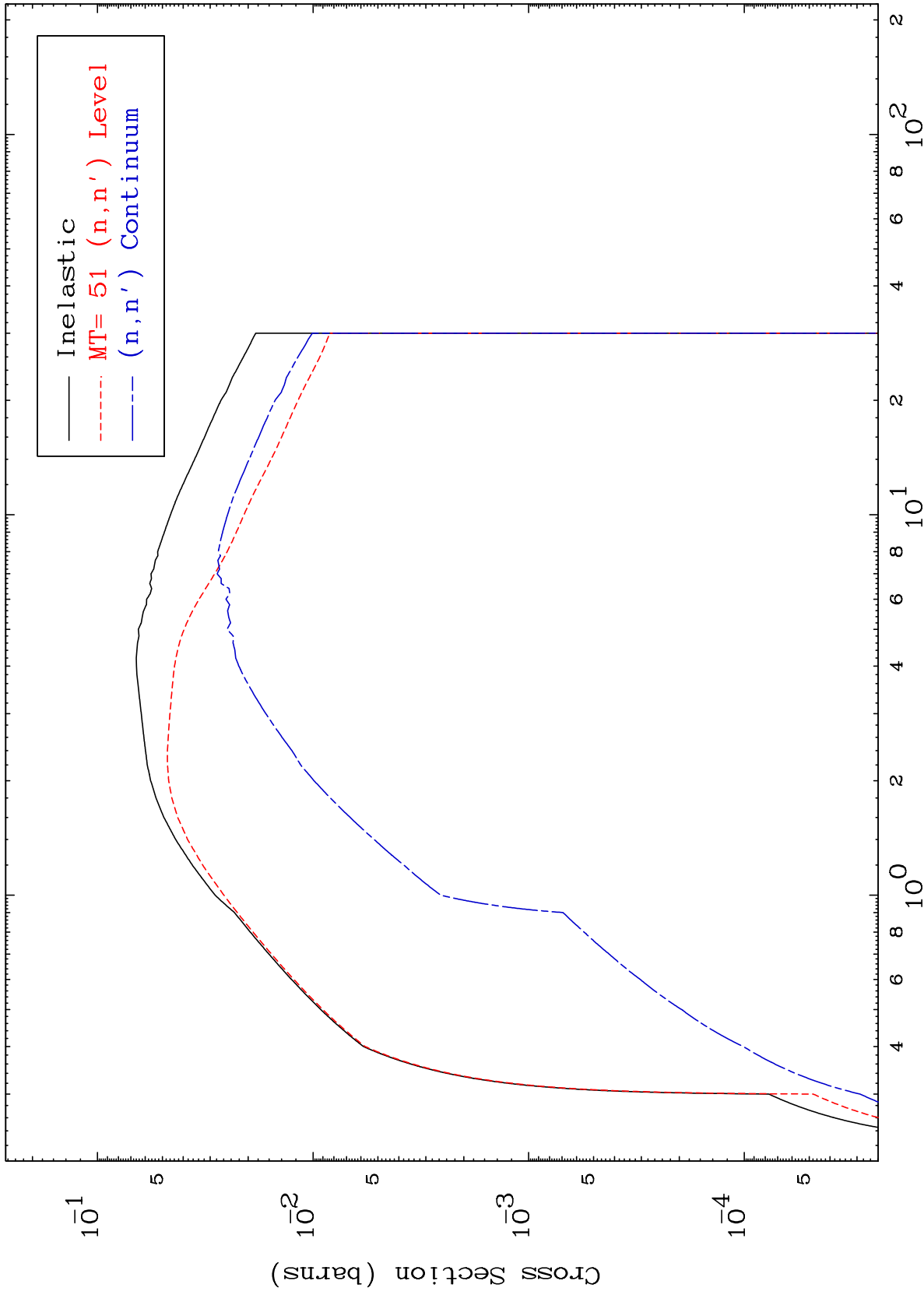




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(n,n') Level
293 Kelvin Cross Sections

57-La-119



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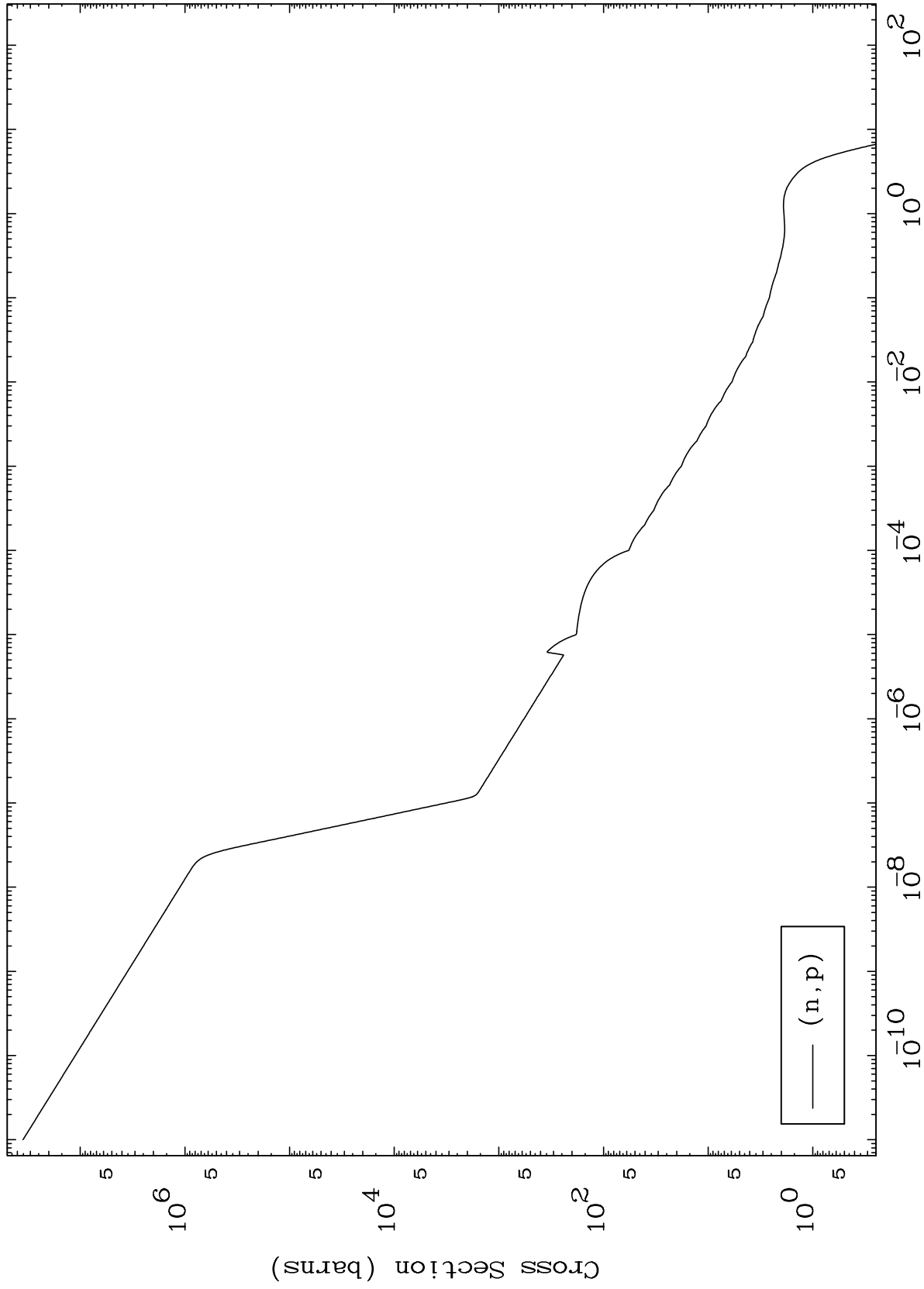
Incident Energy (MeV)

57-La-119

MAT 5668

(n,p) Levels
293 Kelvin Cross Sections

57-La-119



9

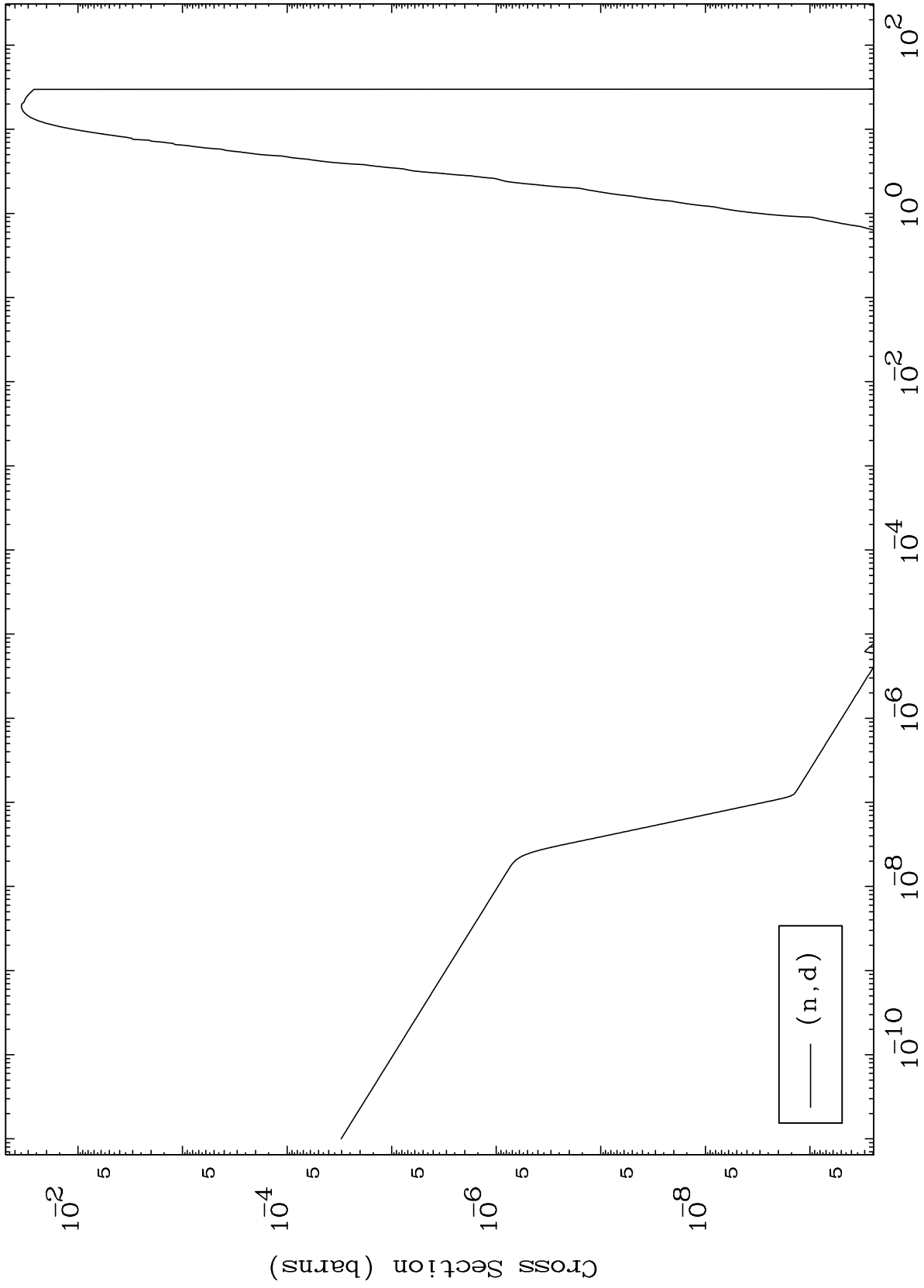
Incident Energy (MeV)

57-La-119

MAT 5668

(n,d) Levels
293 Kelvin Cross Sections

57-La-119



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Incident Energy (MeV)

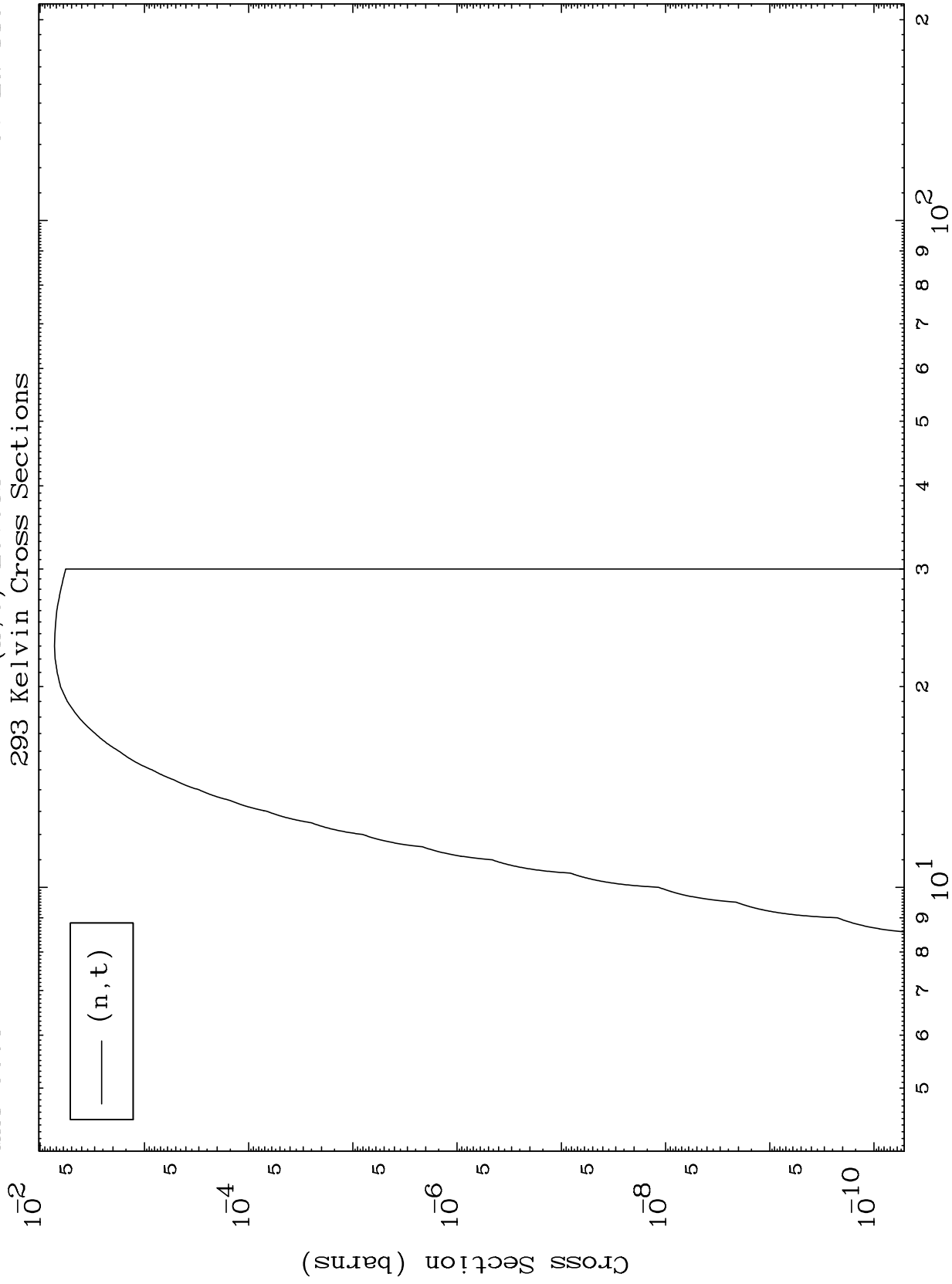
57-La-119

— (n, d)

MAT 5668

(n,t) Levels
293 Kelvin Cross Sections

57-La-119



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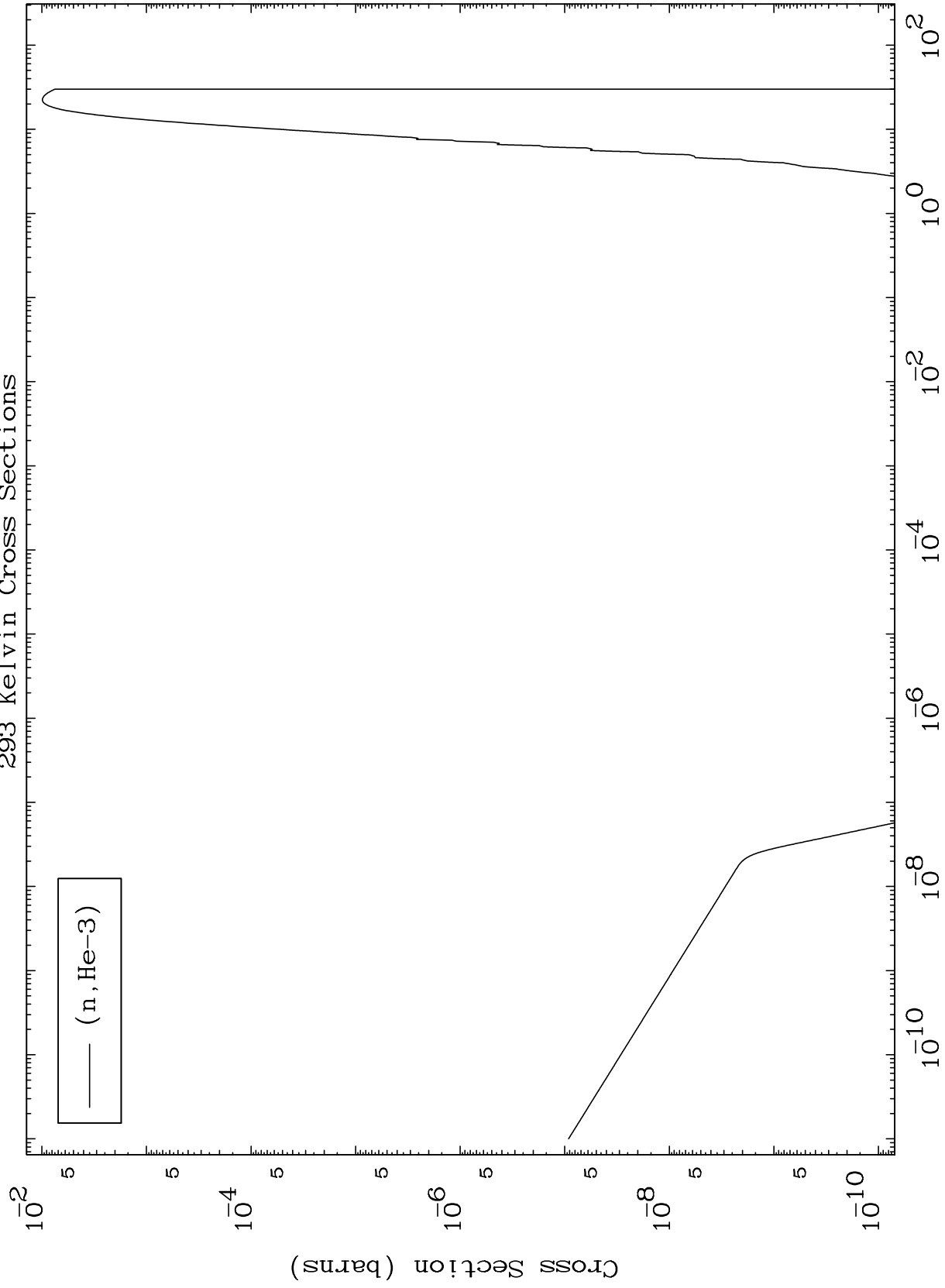
Incident Energy (MeV)

57-La-119

MAT 5668

(n,He3) Levels
293 Kelvin Cross Sections

57-La-119



12

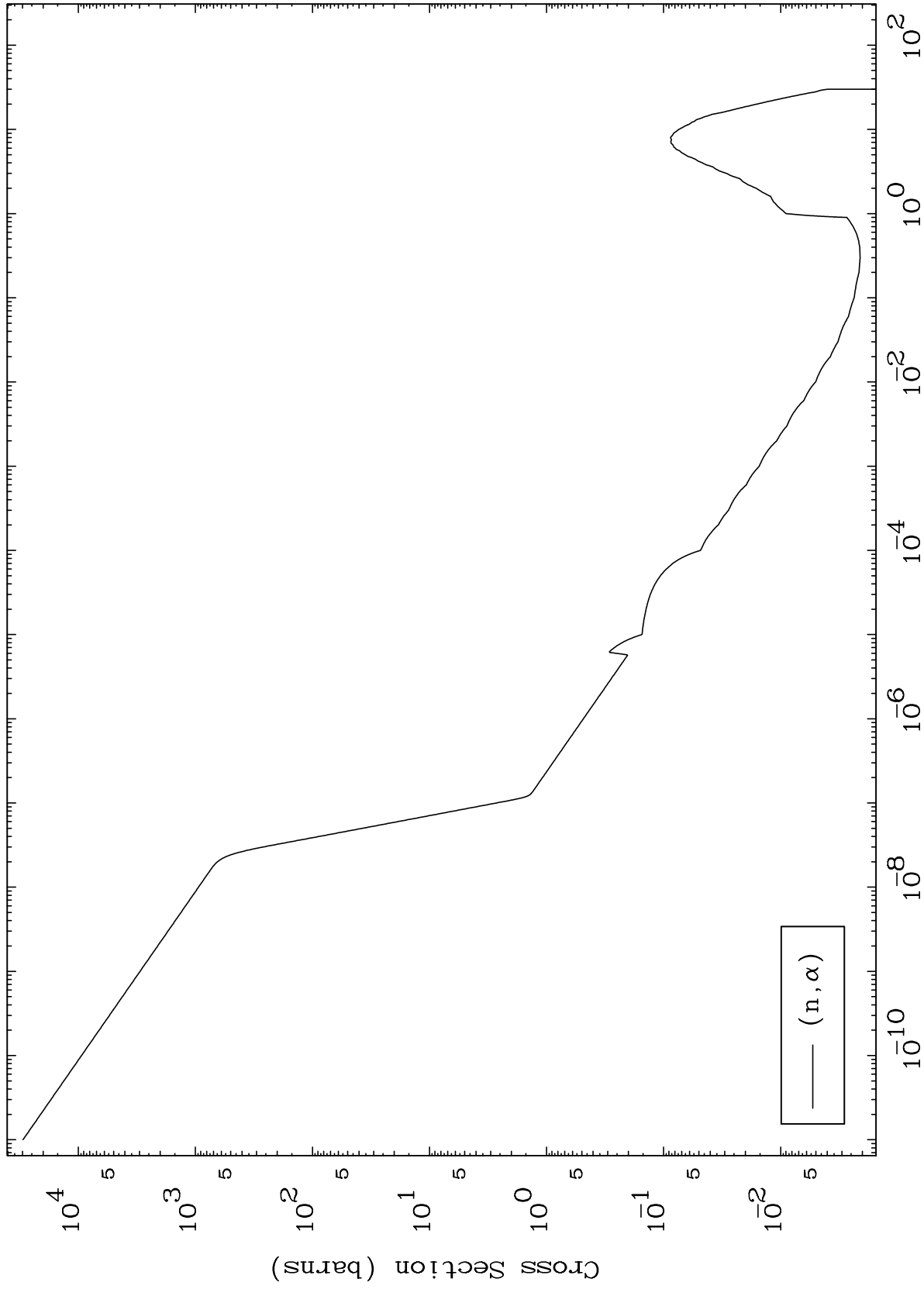
Incident Energy (MeV)

57-La-119

MAT 5668

(n,α) Levels
293 Kelvin Cross Sections

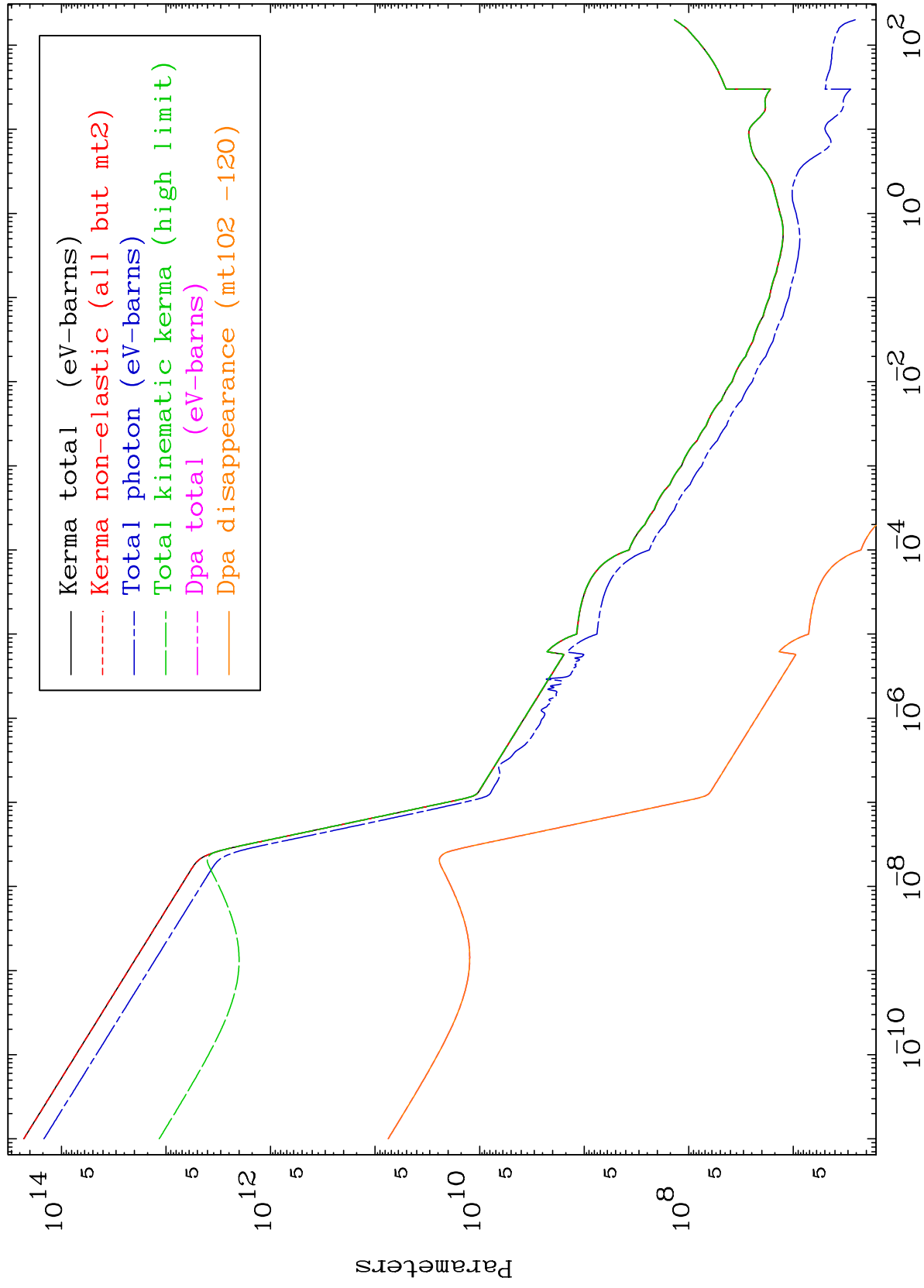
57-La-119



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Incident Energy (MeV)

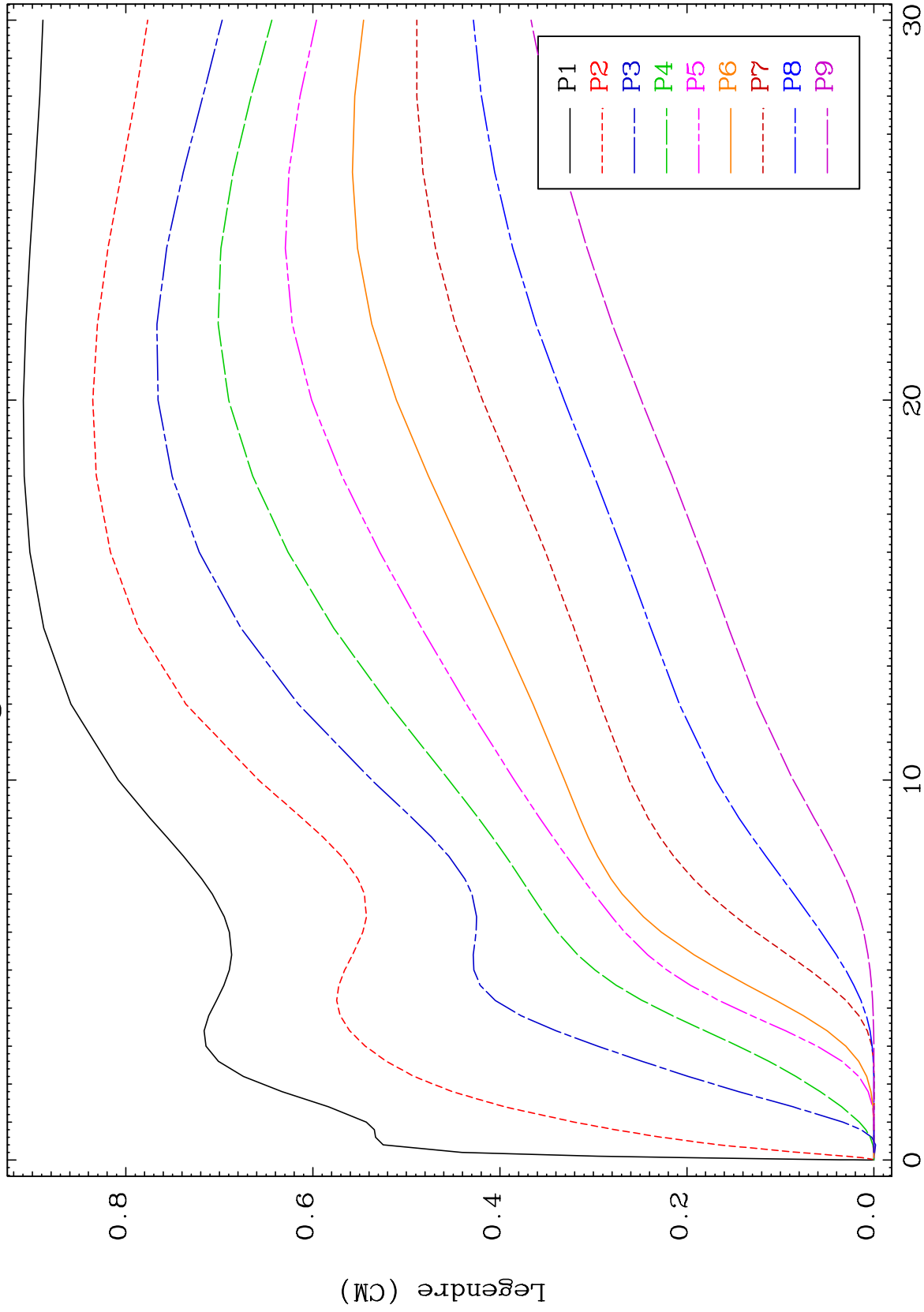
57-La-119



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Elastic Legendre Coefficients

57-La-119



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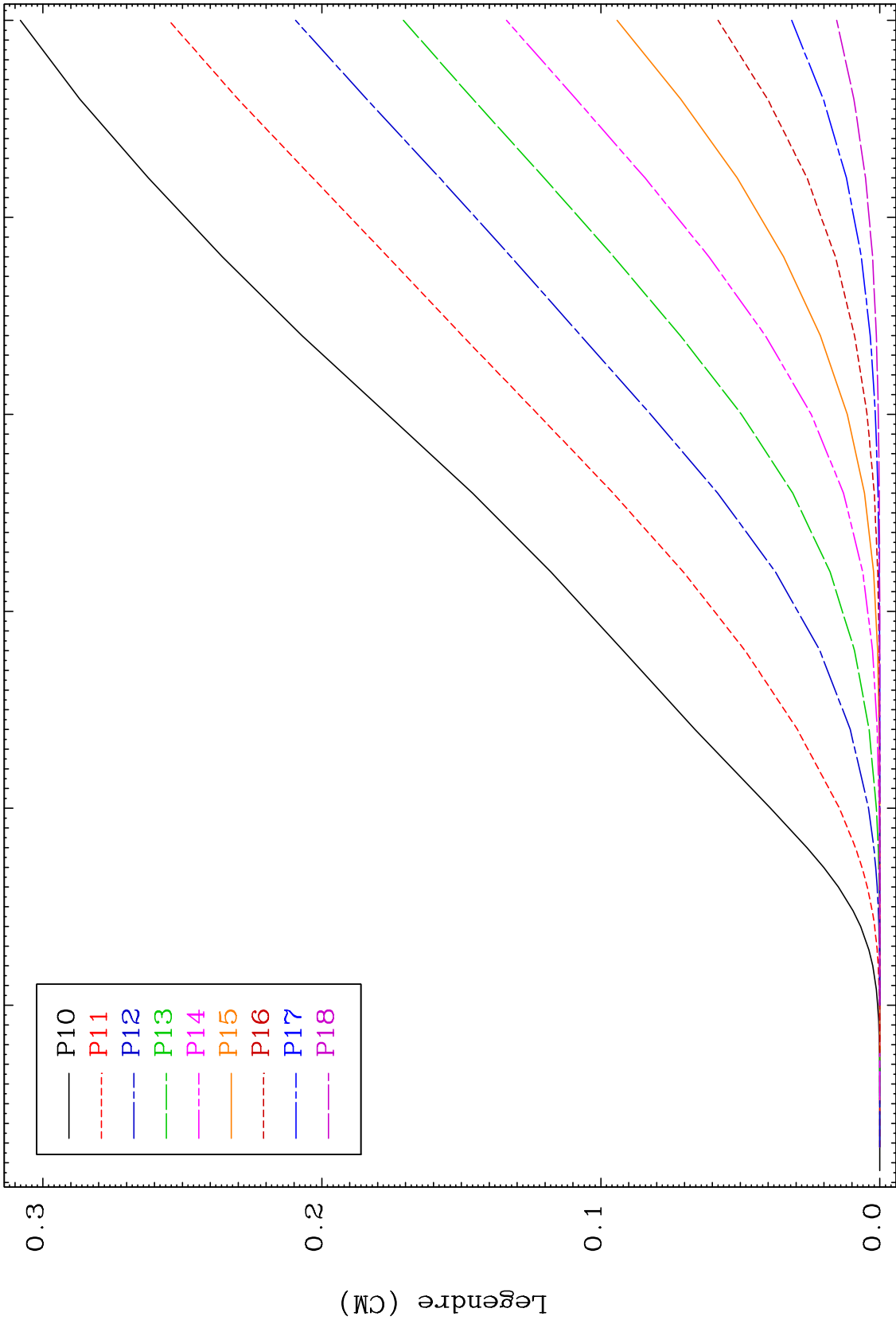
Incident Energy (MeV)

57-La-119

MAT 5668

Elastic Legendre Coefficients

57-La-119



16

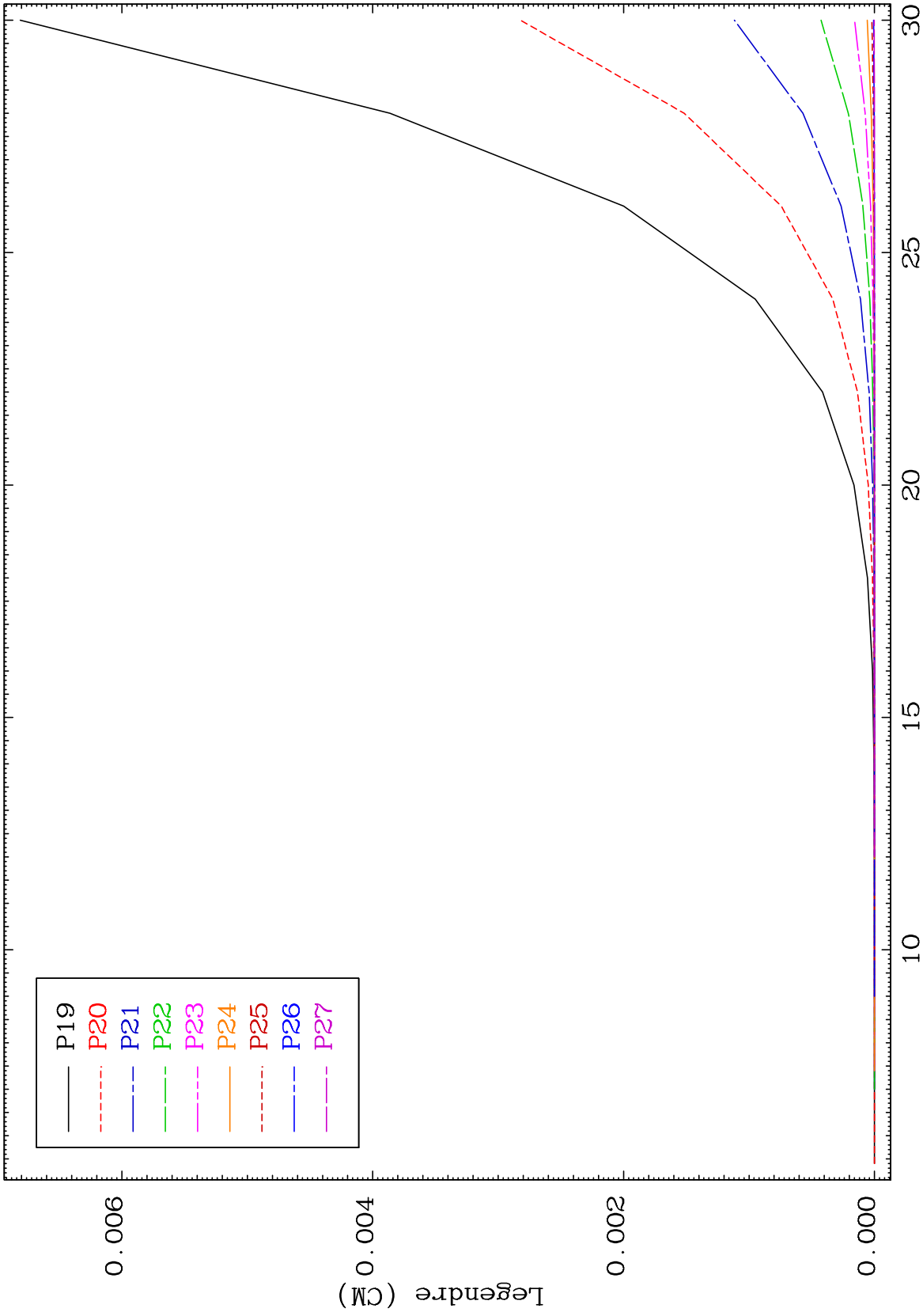
Incident Energy (MeV)

57-La-119

MAT 5668

Elastic Legendre Coefficients

57-La-119



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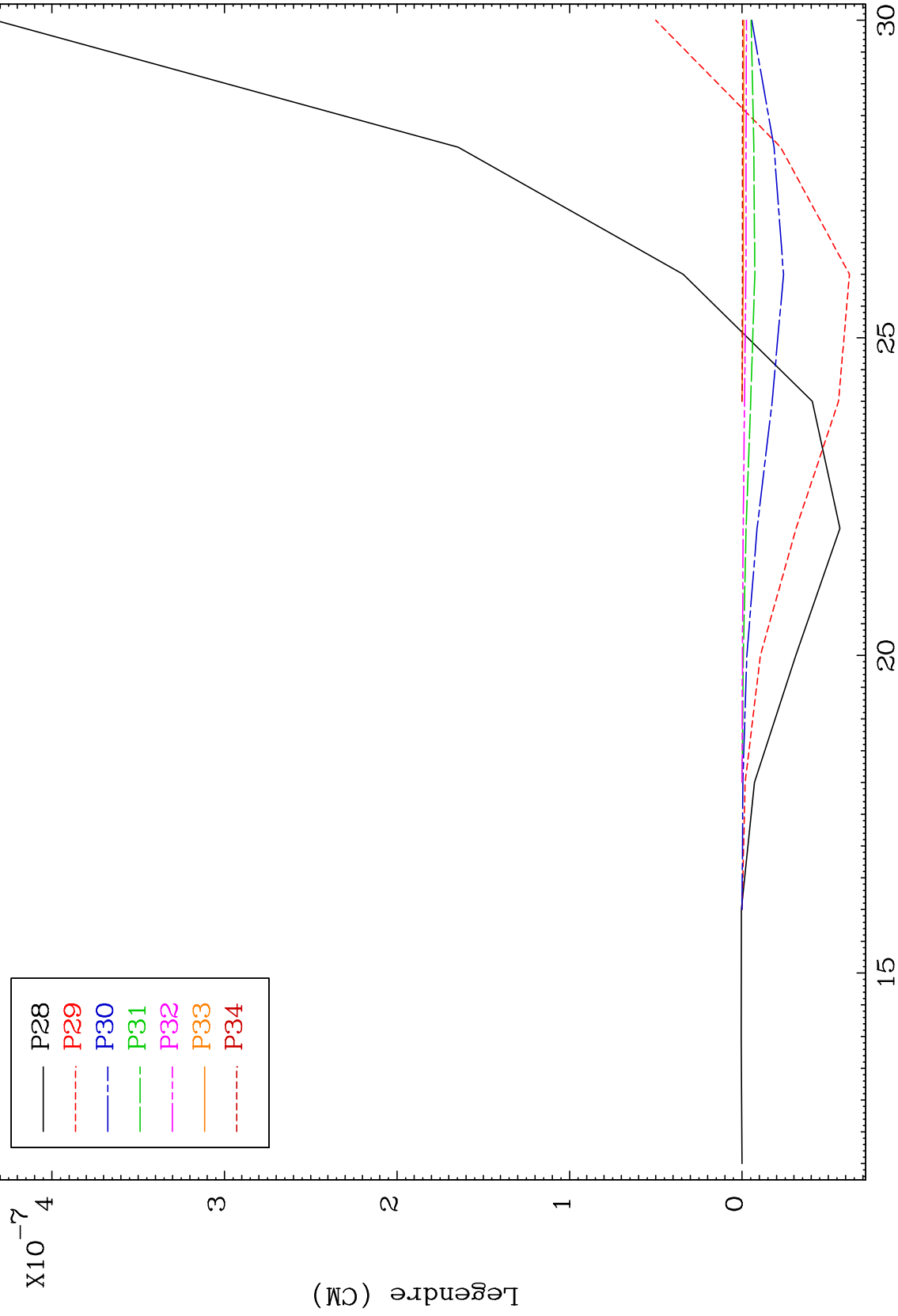
Incident Energy (MeV)

57-La-119

MAT 5668

Elastic Legendre Coefficients

57-La-119



18

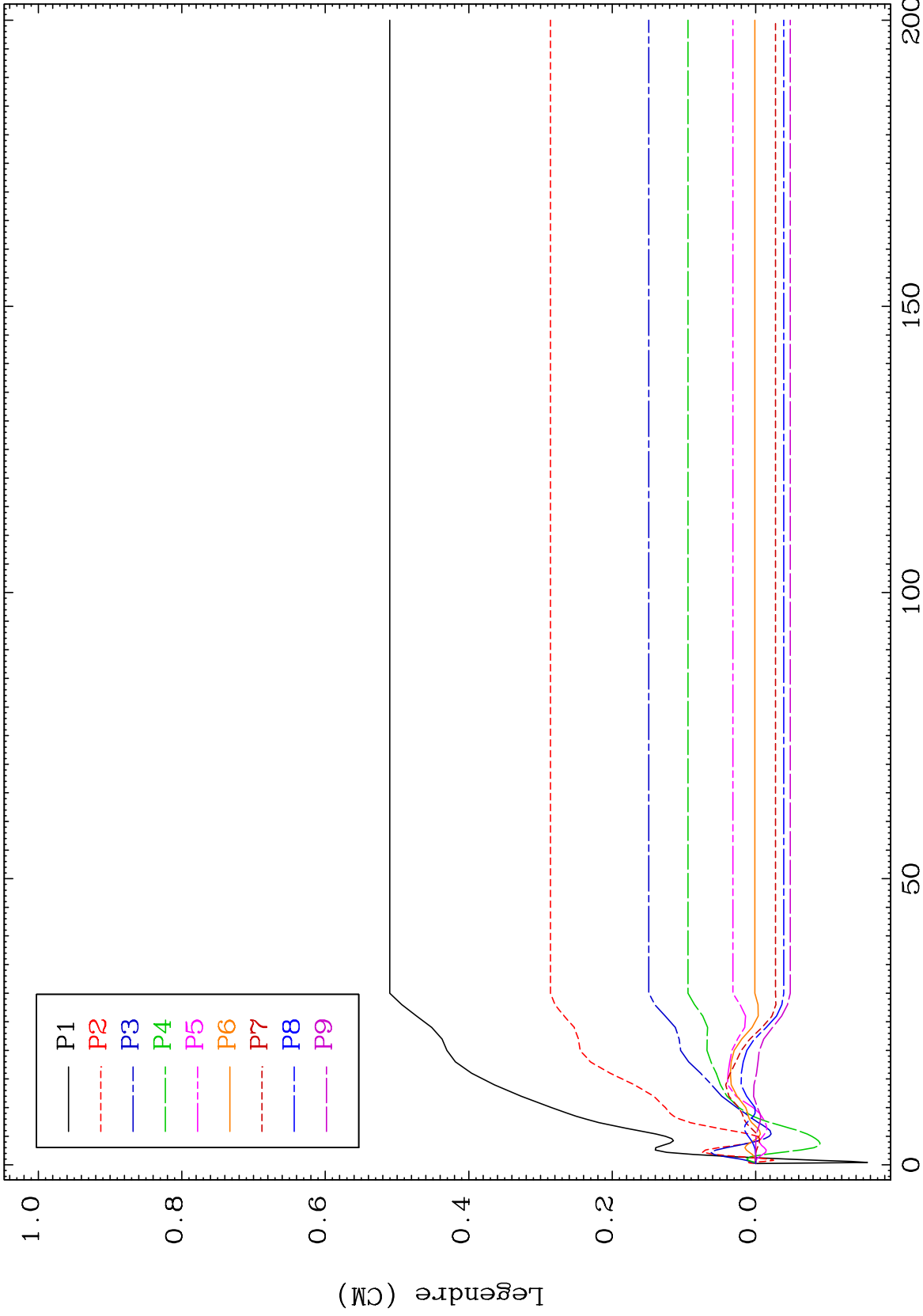
Incident Energy (MeV)

57-La-119

MAT 5668

MT= 51 (n,n') Level
Legendre Coefficients

57-La-119



19

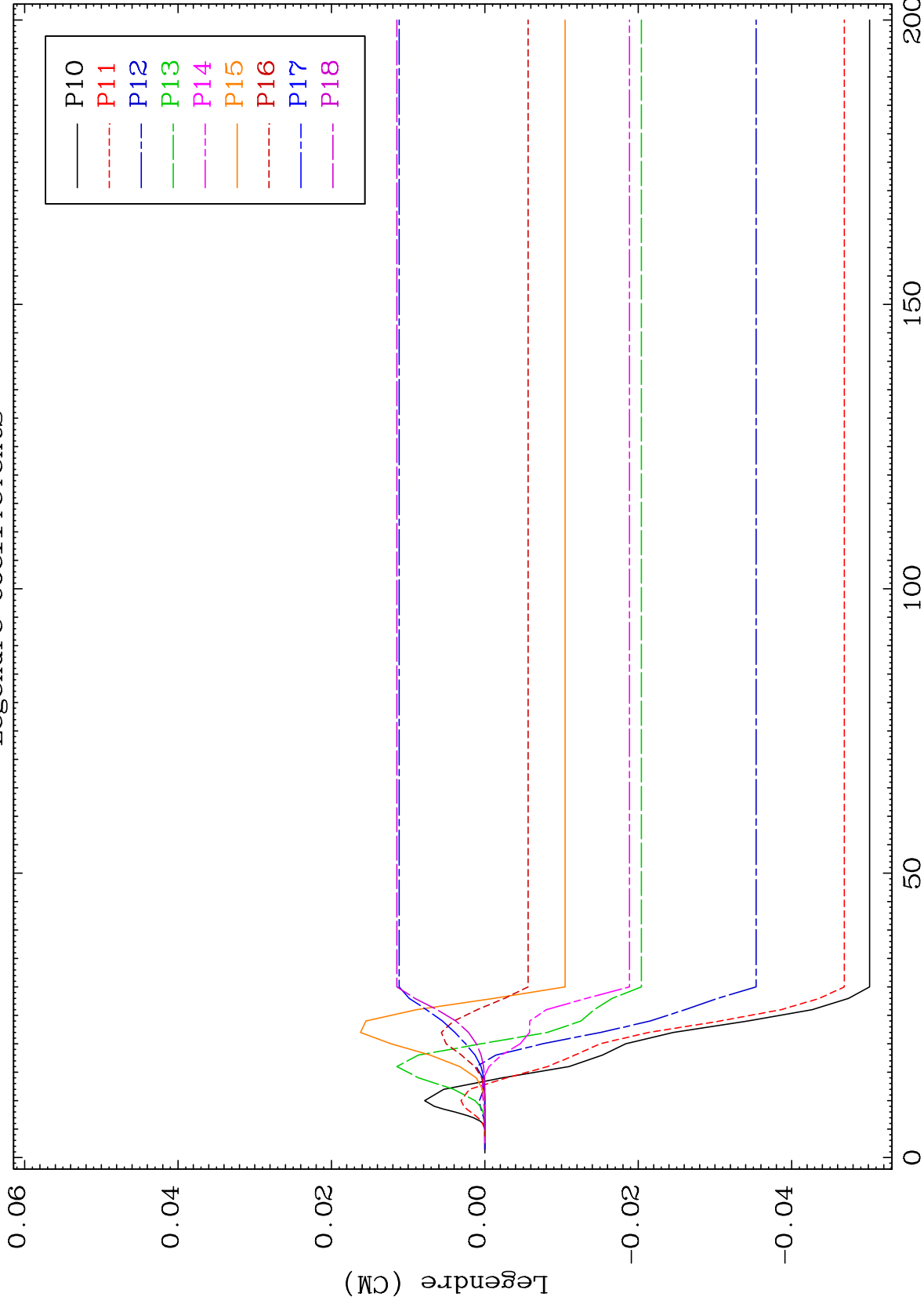
Incident Energy (MeV)

57-La-119

MAT 5668

MT= 51 (n,n') Level
Legendre Coefficients

57-La-119



0

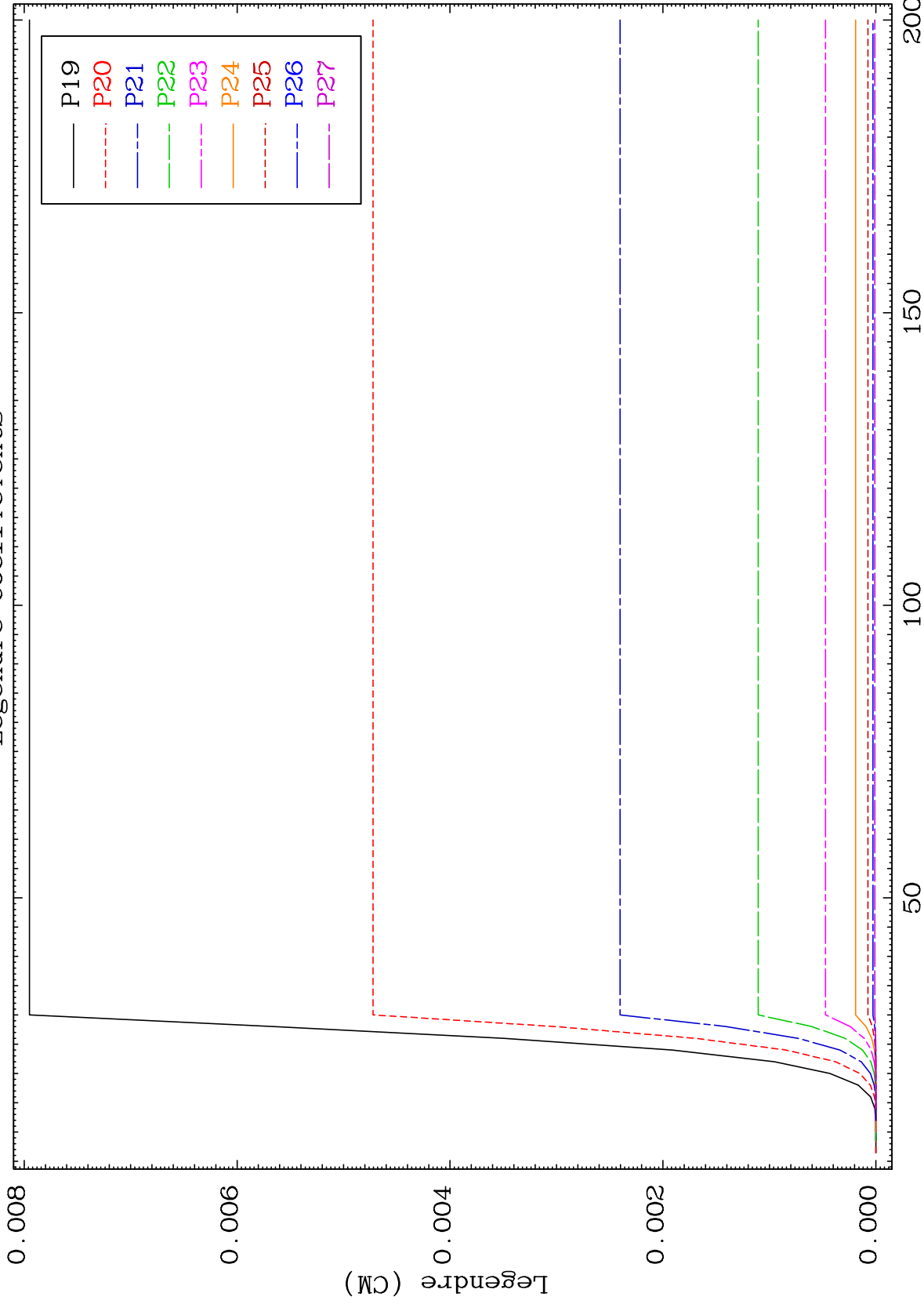
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100

150

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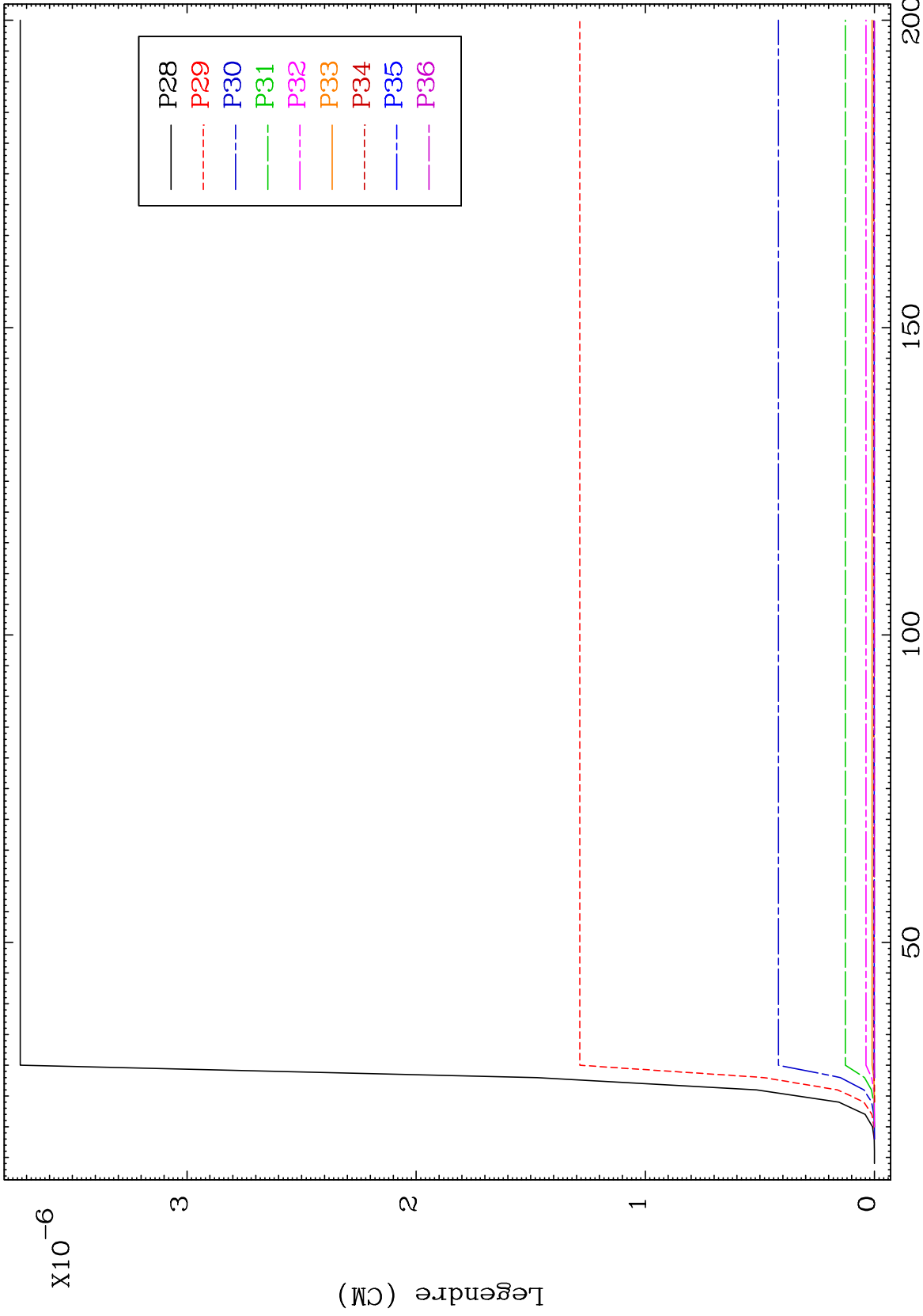
57-La-119



MAT 5668

MT= 51 (n,n') Level
Legendre Coefficients

57-La-119



22

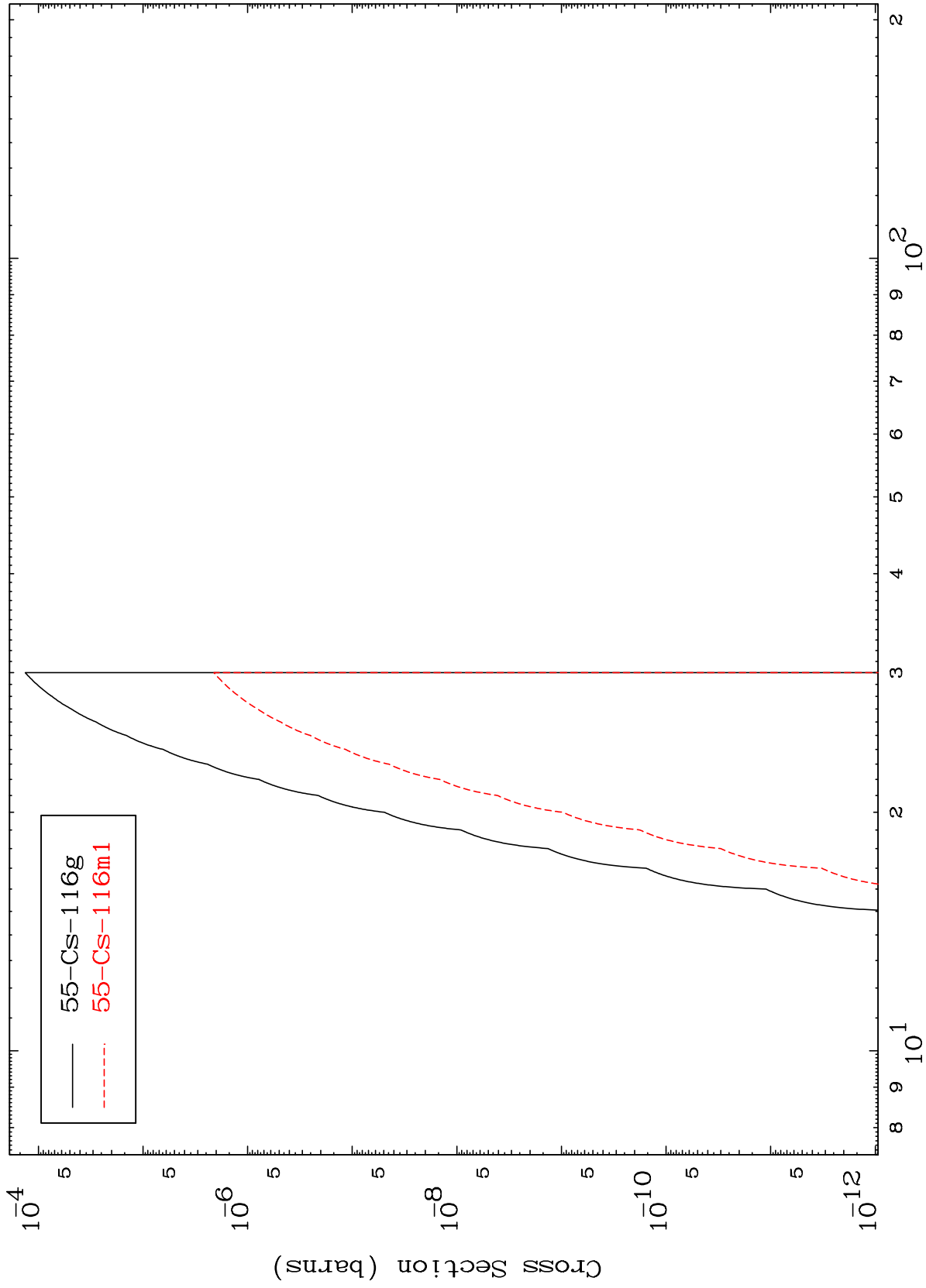
57-La-119

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(n, n') He-3

57-La-119

Radionuclide Production Cross Section



23

Incident Energy (MeV)

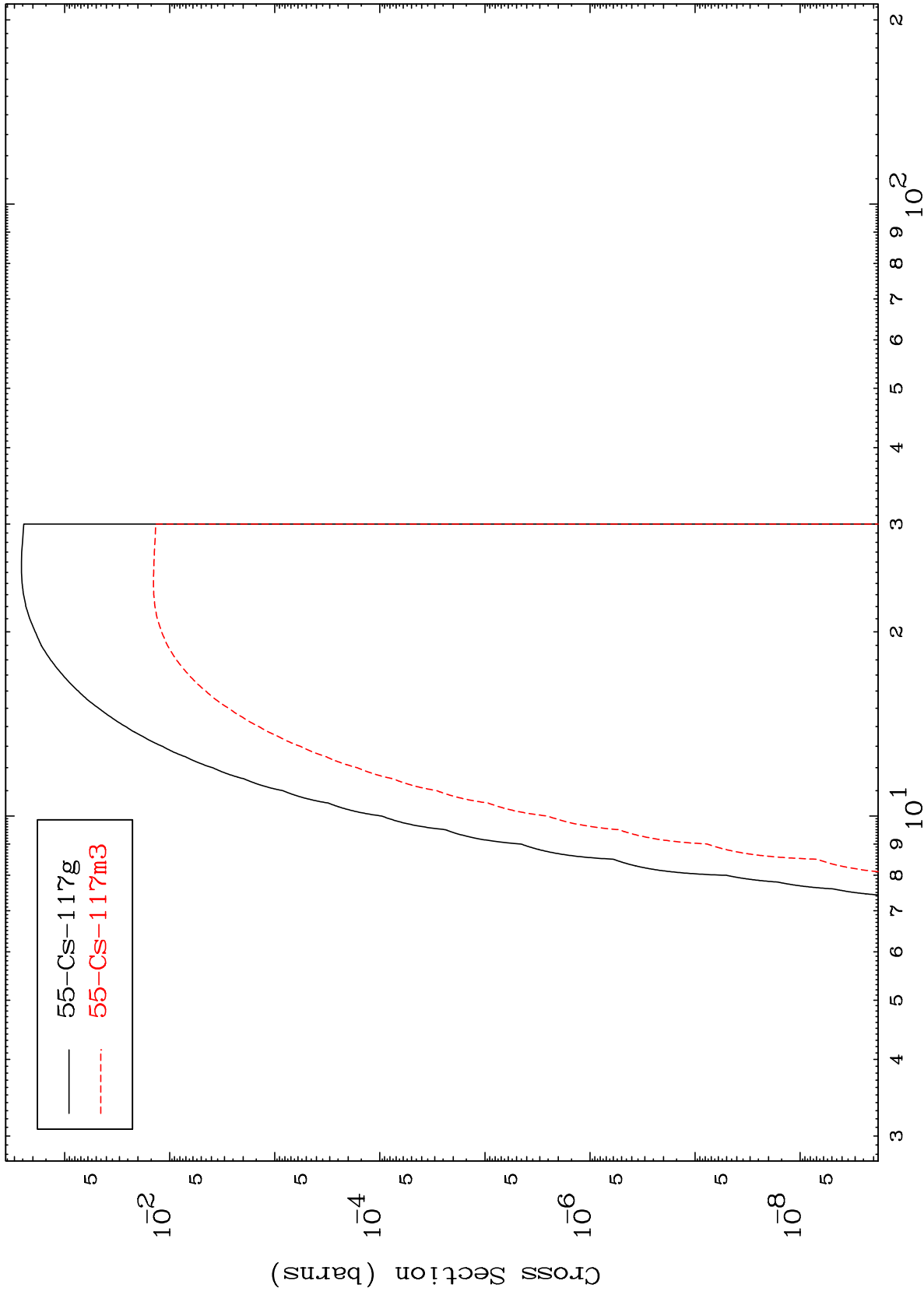
57-La-119

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(n,2n) p

57-La-119

Radionuclide Production Cross Section



24

Incident Energy (MeV)

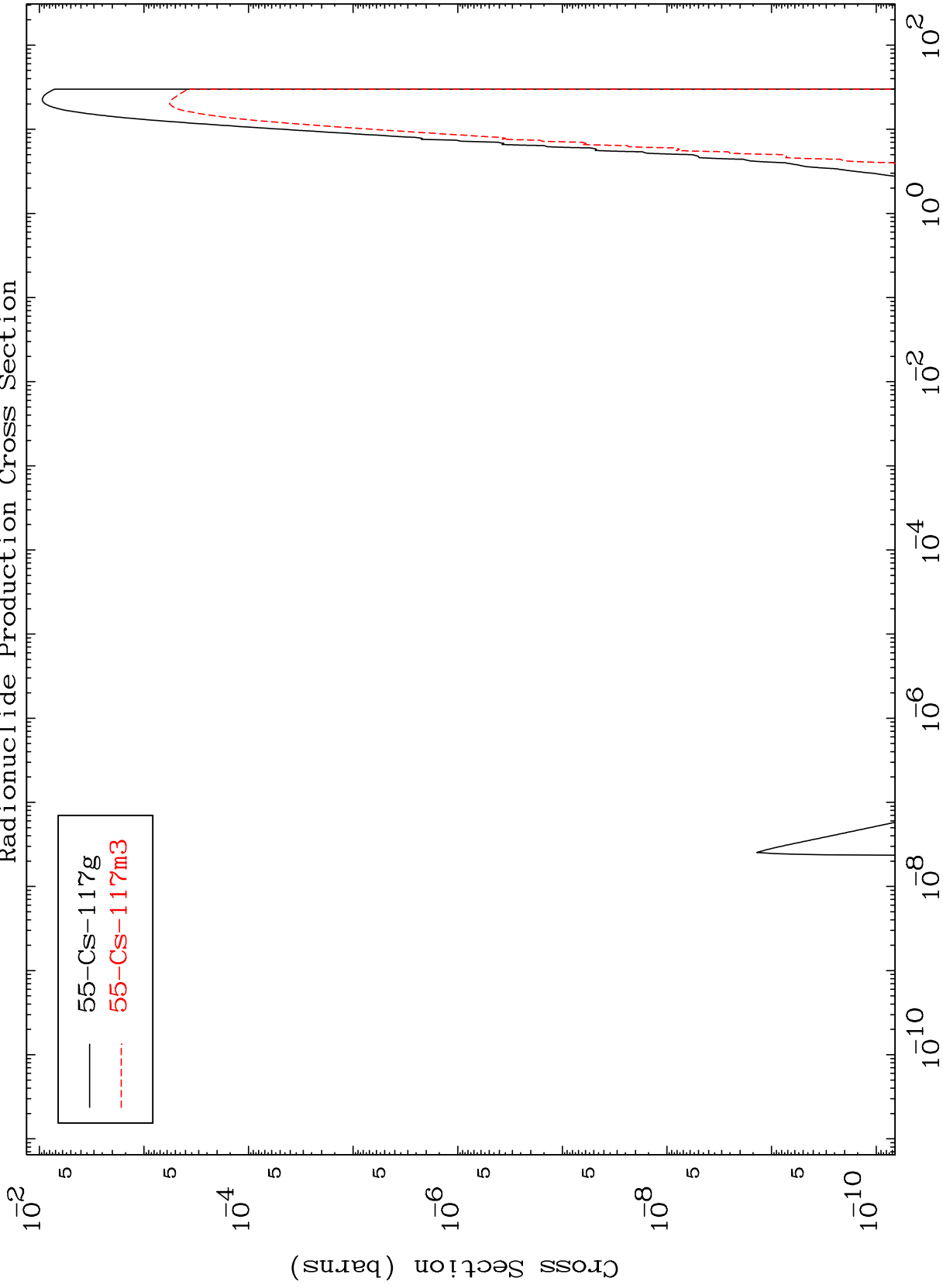
57-La-119

MAT 5668

(n, He-3)

57-La-119

Radionuclide Production Cross Section



25

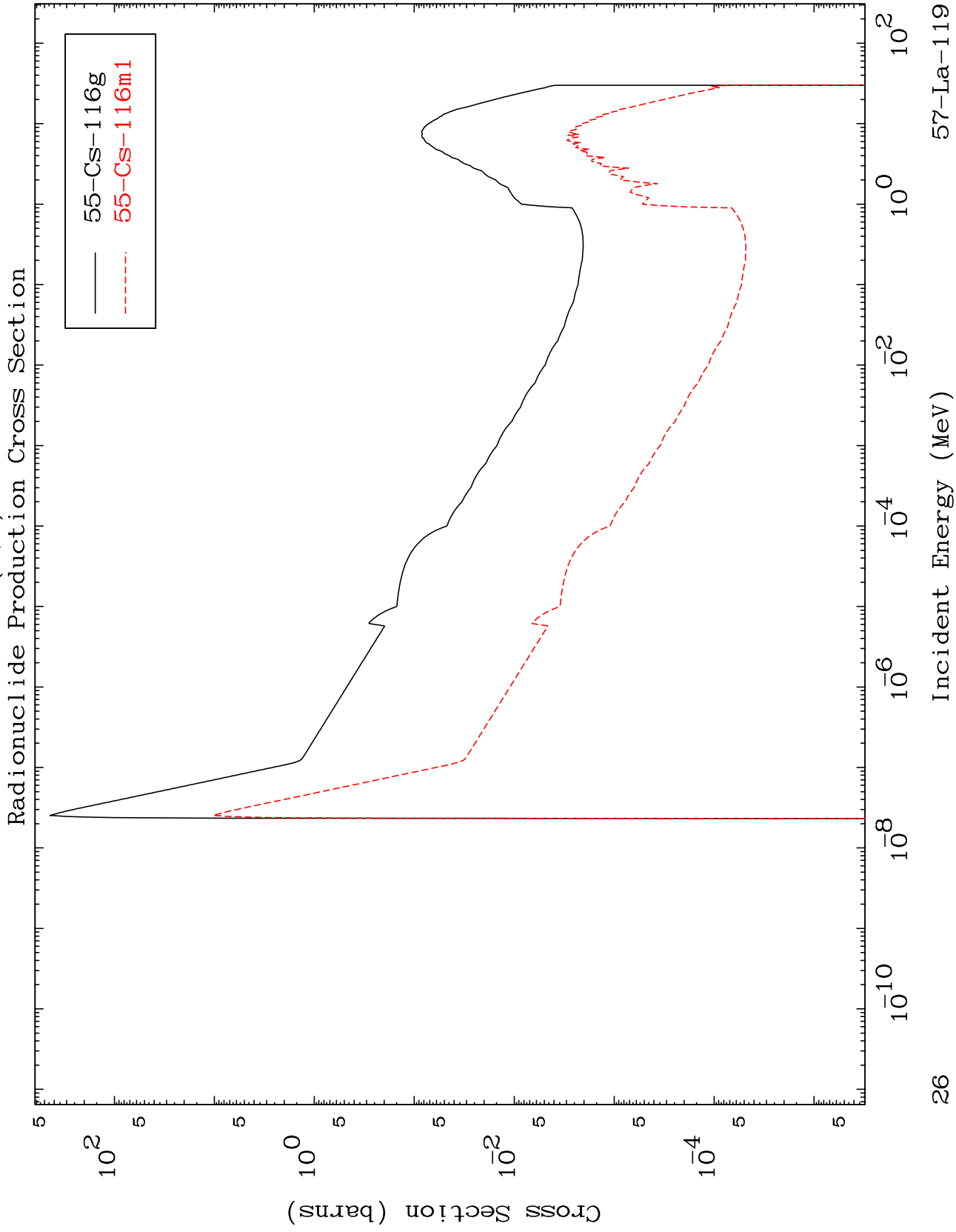
Incident Energy (MeV)

57-La-119

MAT 5668

(n, α)

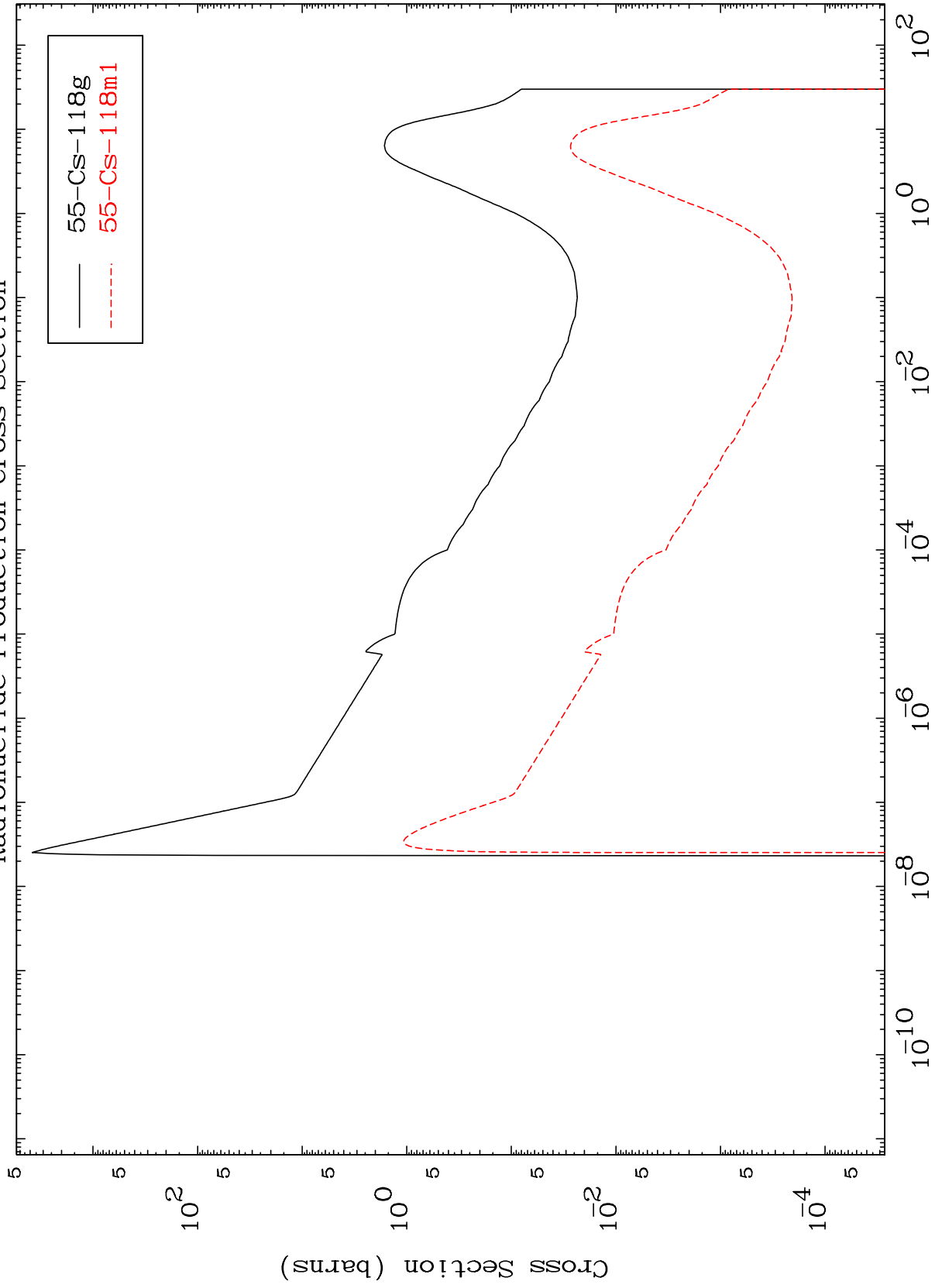
57-La-119



MAT 5668

57-La-119

(n,2p)
Radionuclide Production Cross Section



27

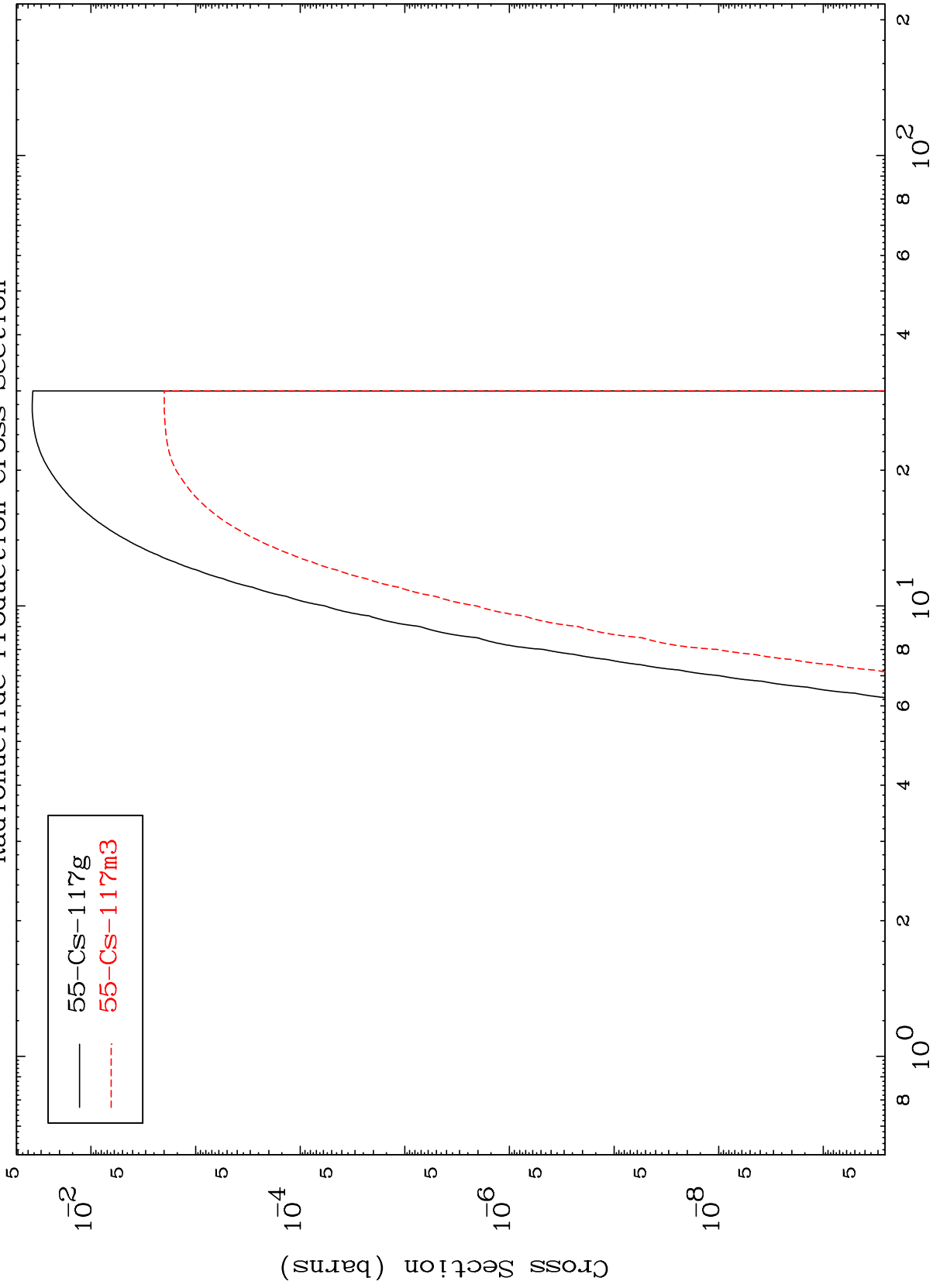
57-La-119

MAT 5668

(n,p) d

57-La-119

Radionuclide Production Cross Section



28

Incident Energy (MeV)

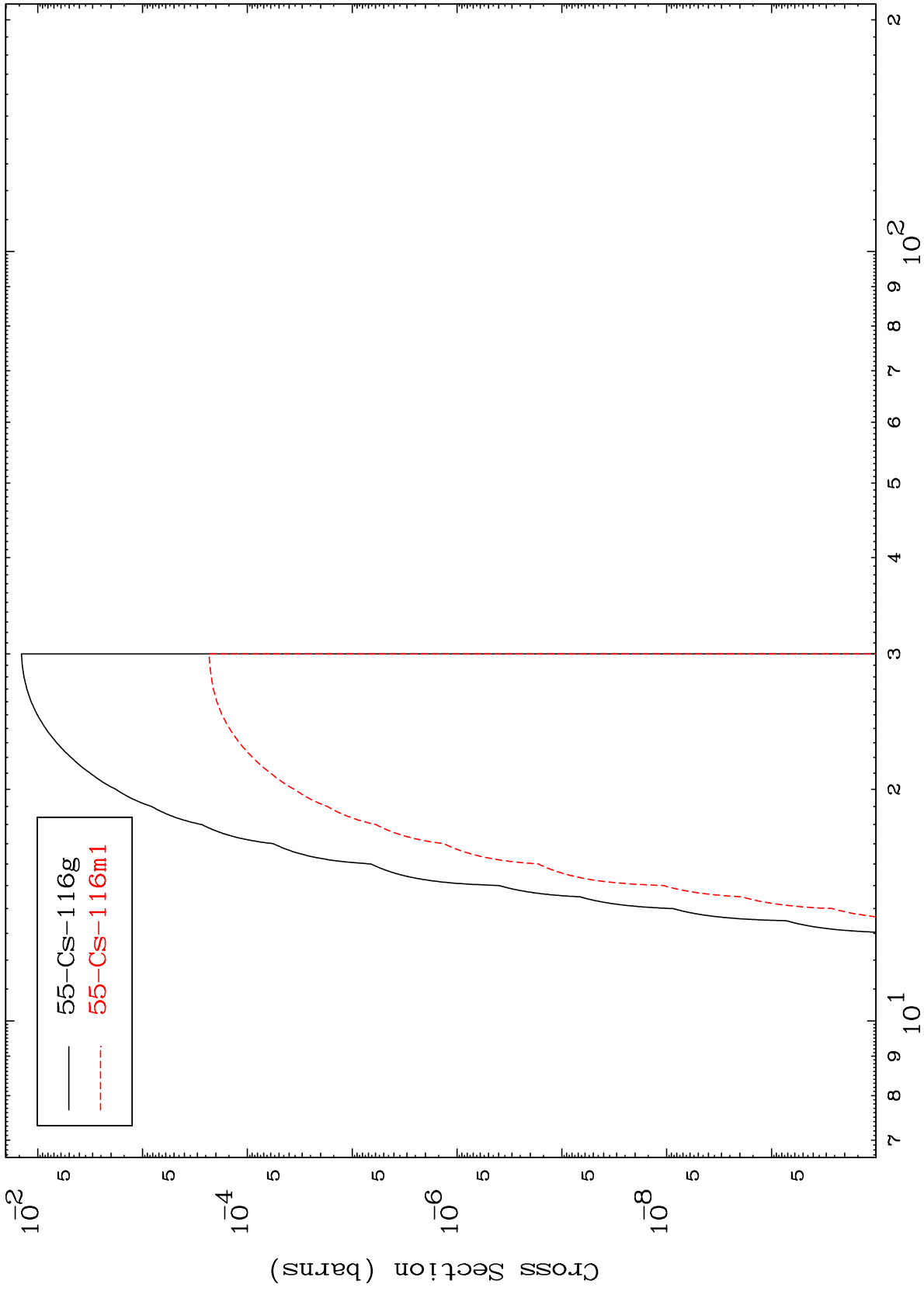
57-La-119

MAT 5668

(n,p) t

57-La-119

Radionuclide Production Cross Section



29

Incident Energy (MeV)

57-La-119