

Program EVALPLOT
(Version 2015-2)

by

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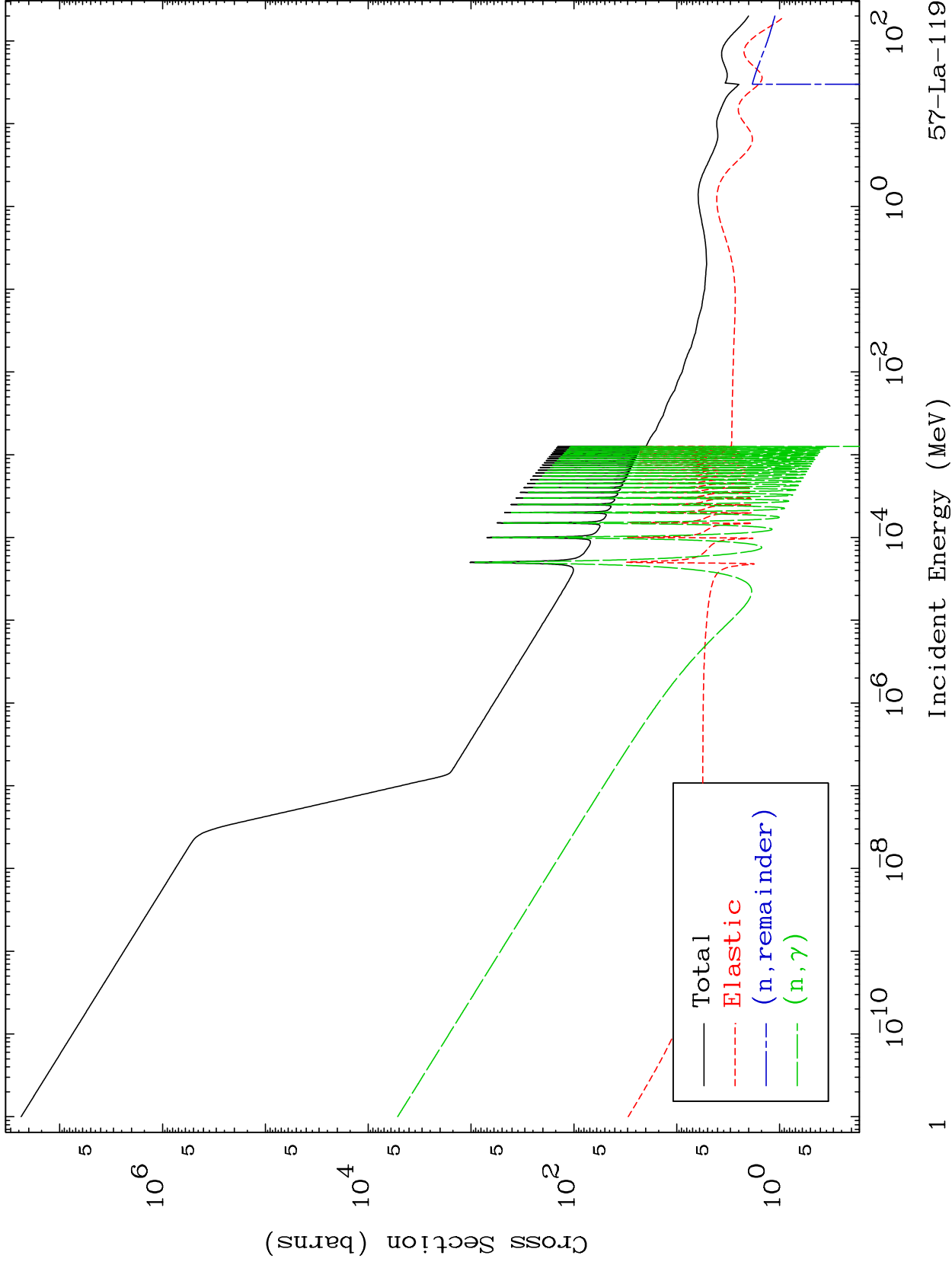
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5668

Major
293 Kelvin Cross Sections

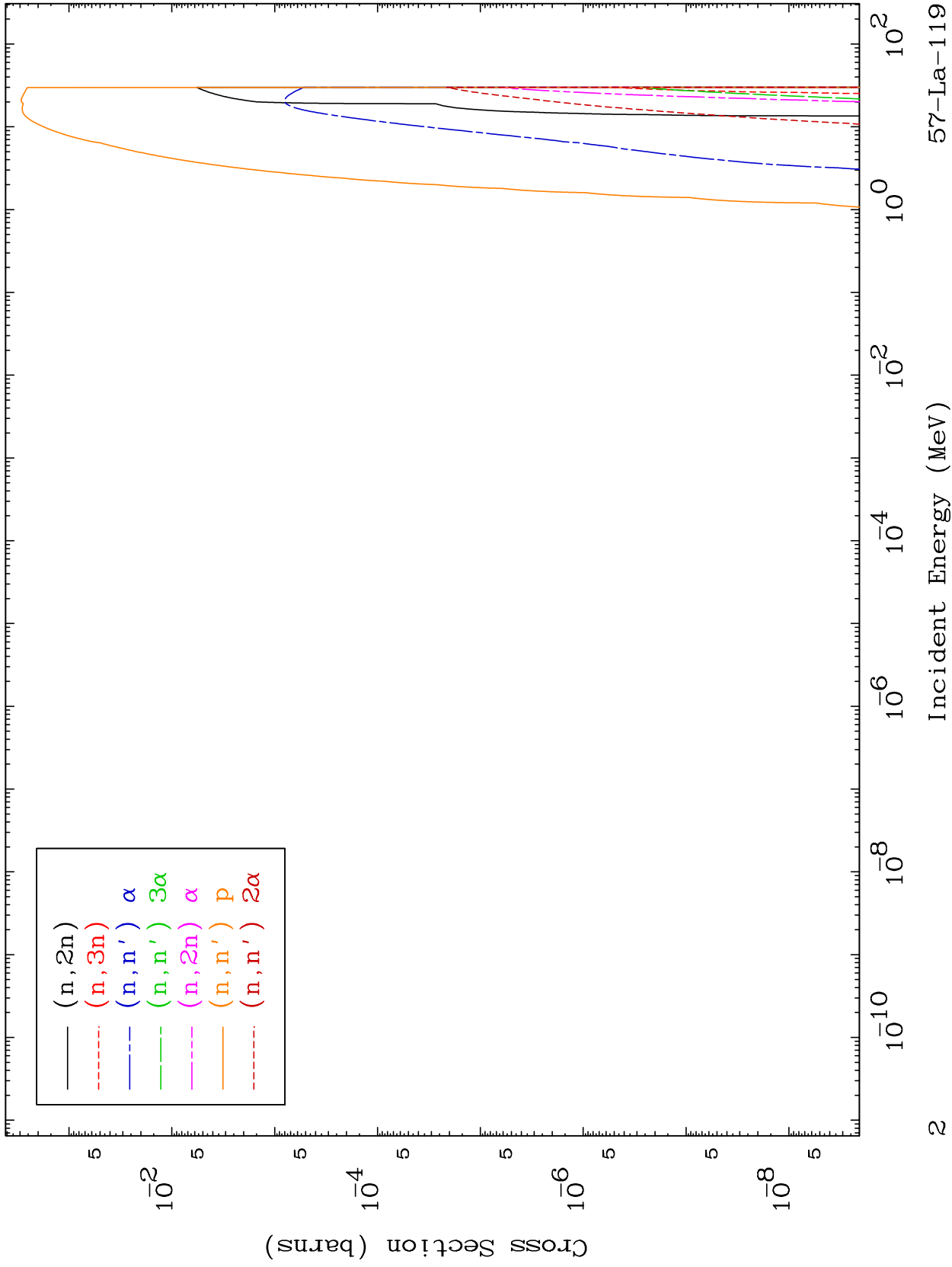
57-La-119

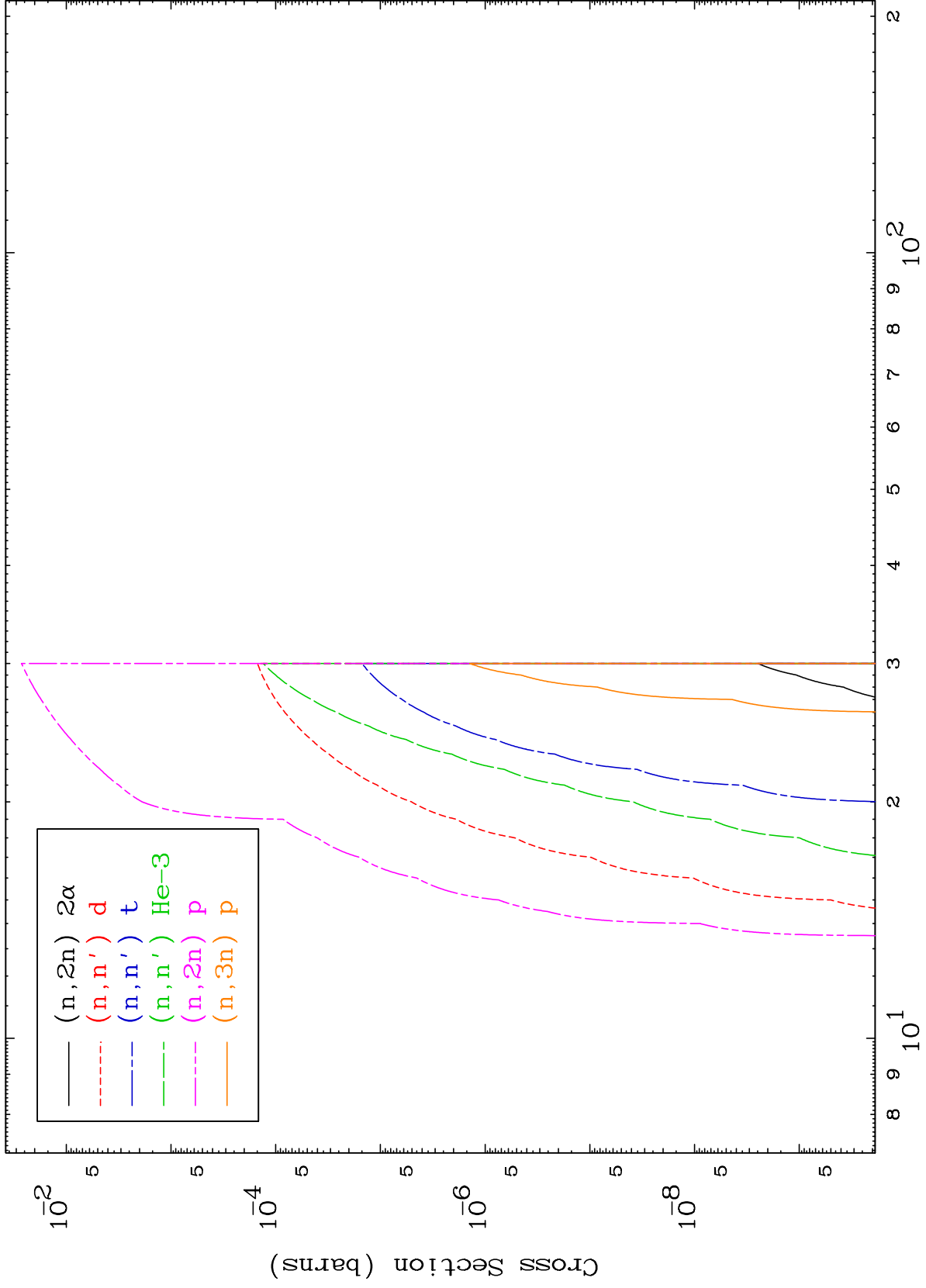


MAT 5668

Neutron Production
293 Kelvin Cross Sections

57-La-119

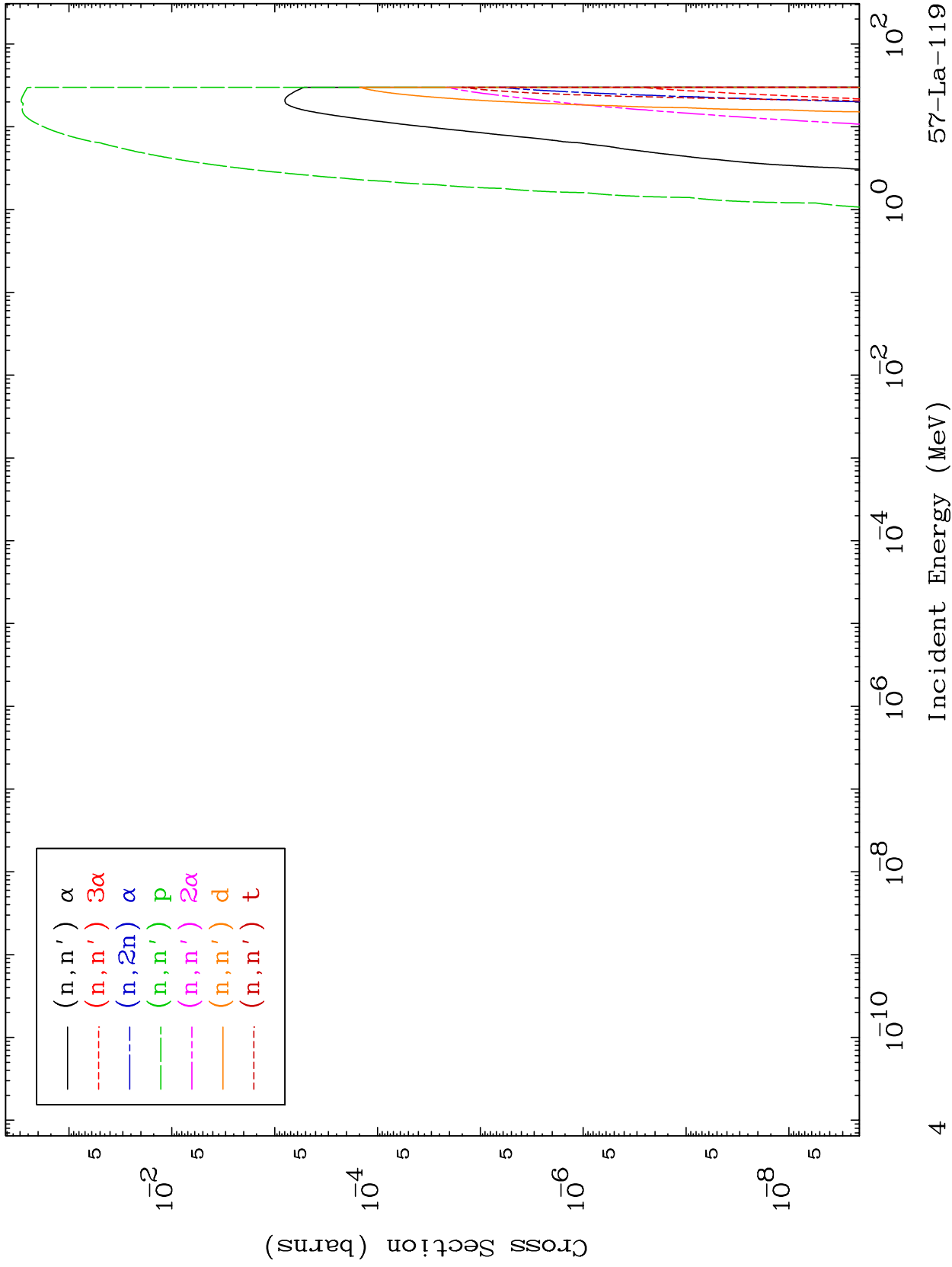




MAT 5668

Charged Particle
293 Kelvin Cross Sections

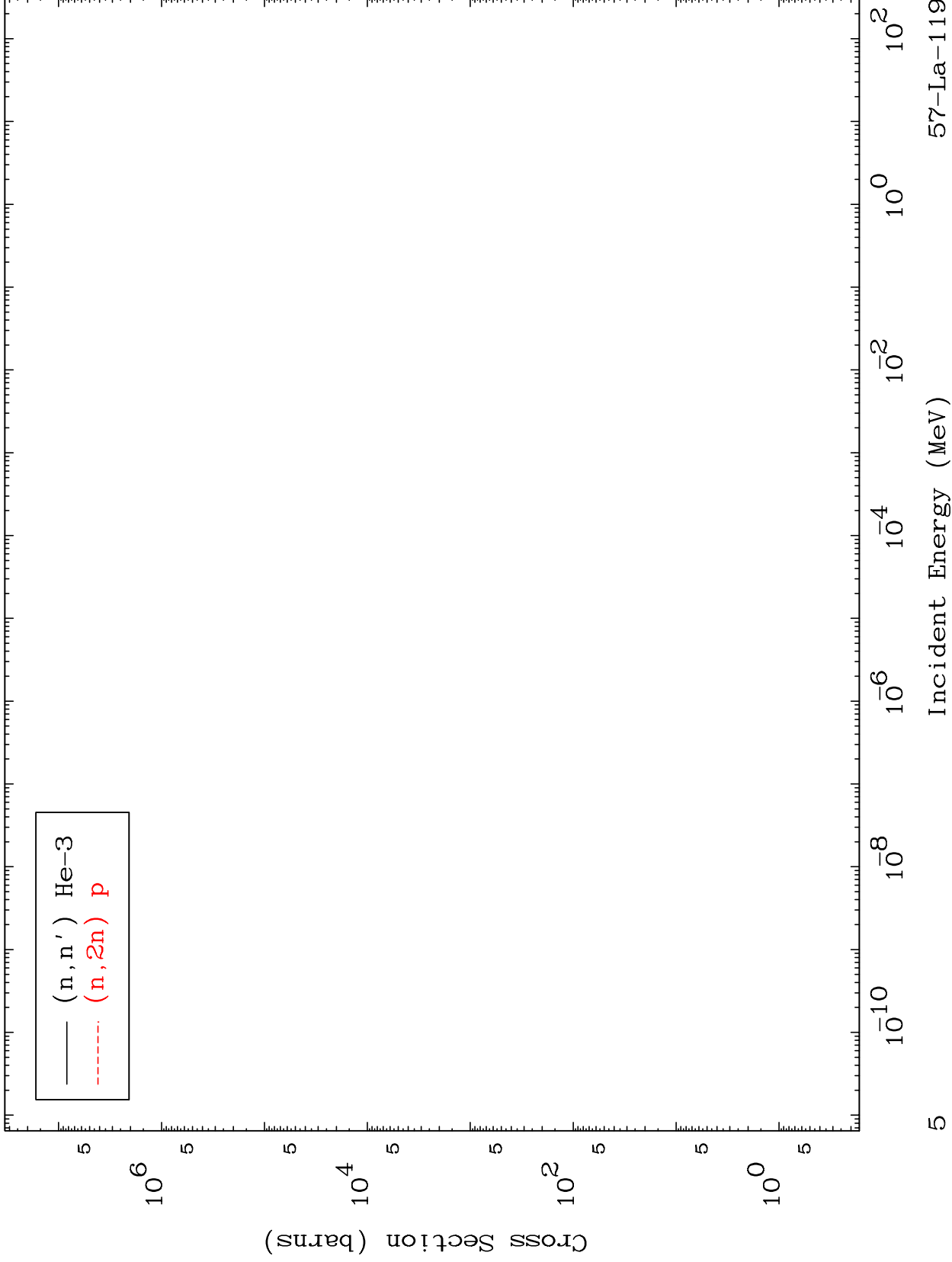
57-La-119



MAT 5668

Charged Particle
293 Kelvin Cross Sections

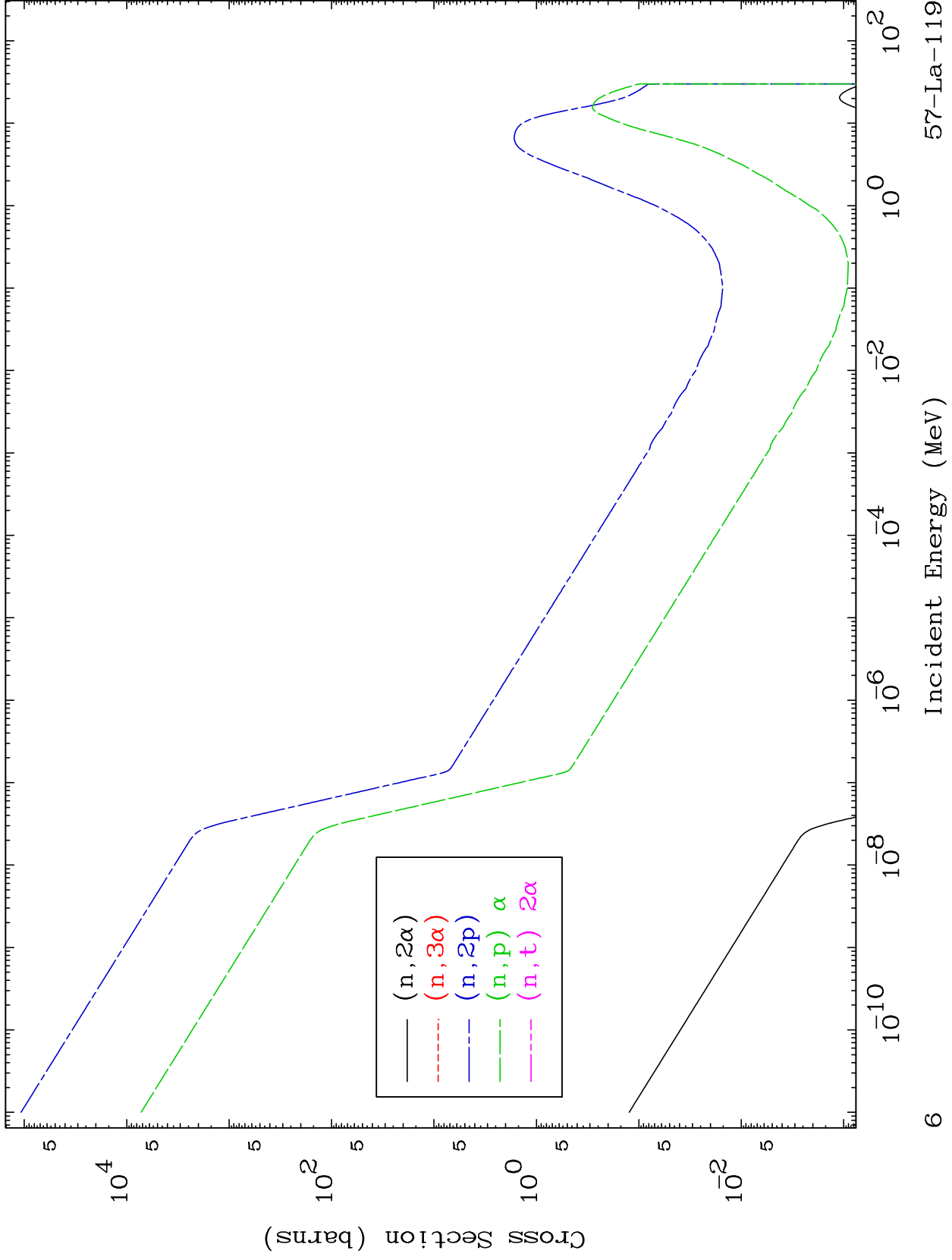
57-La-119



MAT 5668

Charged Particle
293 Kelvin Cross Sections

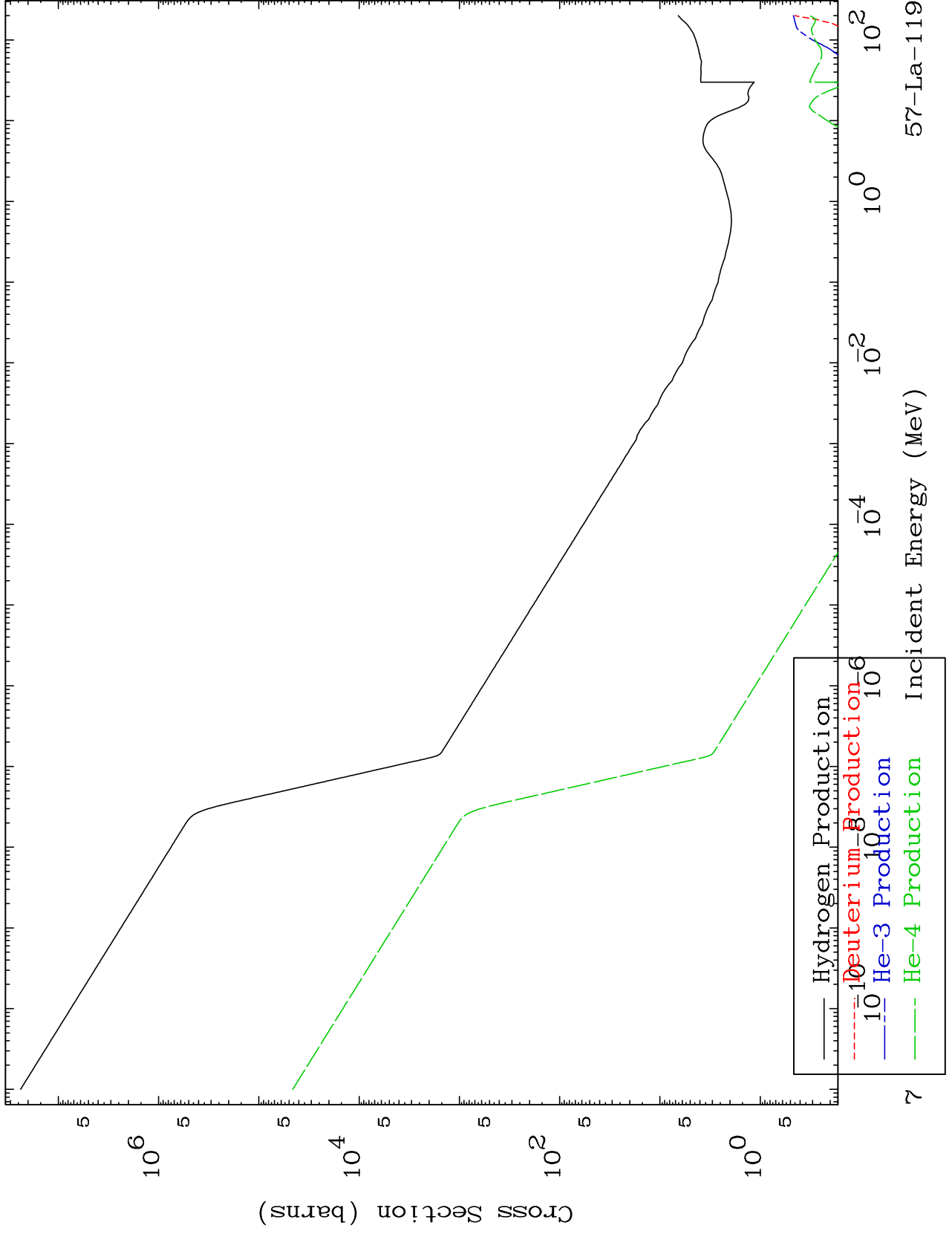
57-La-119



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Particle Production
293 Kelvin Cross Sections

57-La-119



57-La-119

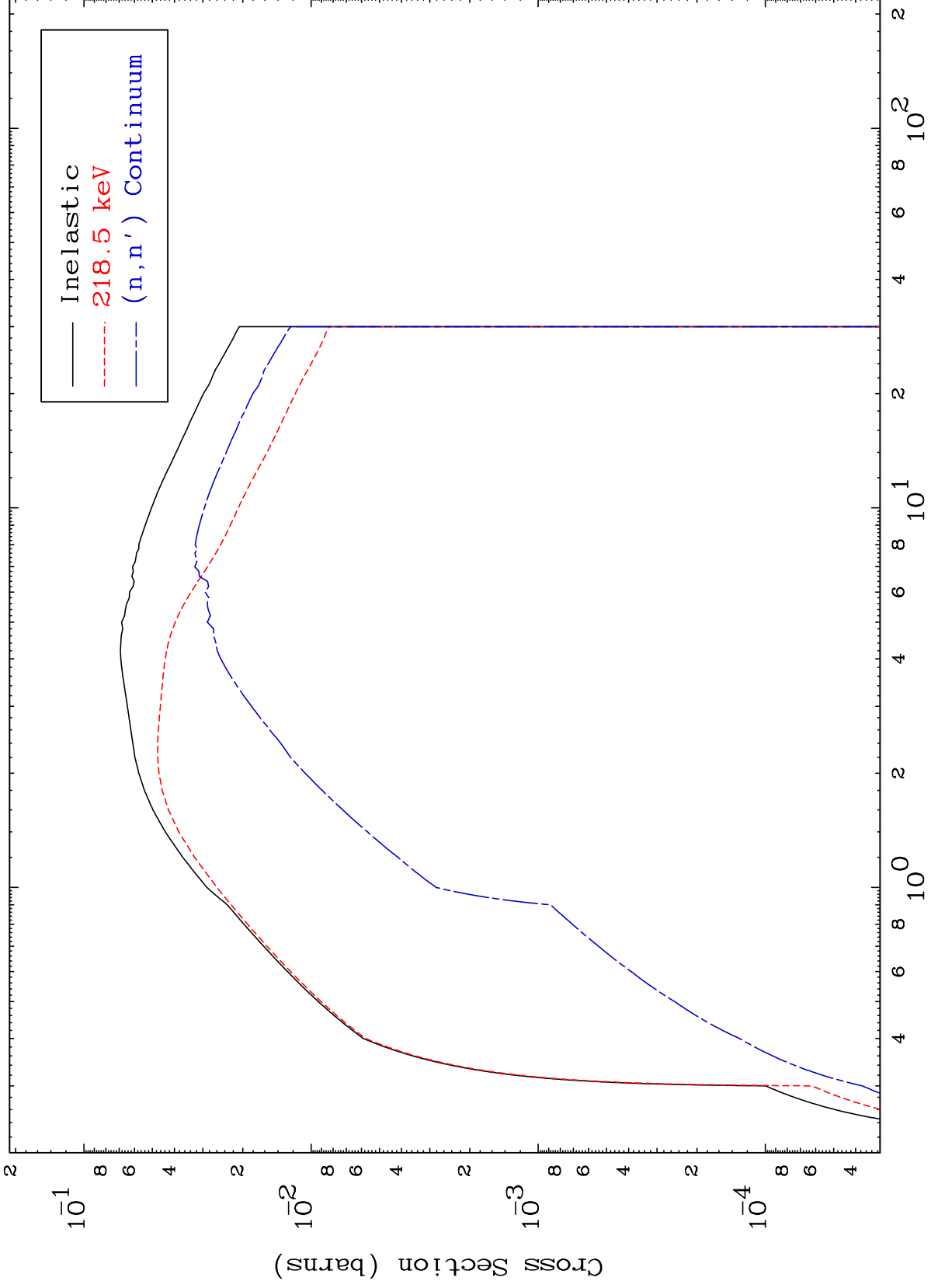
Incident Energy (MeV)

7

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(n,n') Level
293 Kelvin Cross Sections

57-La-119



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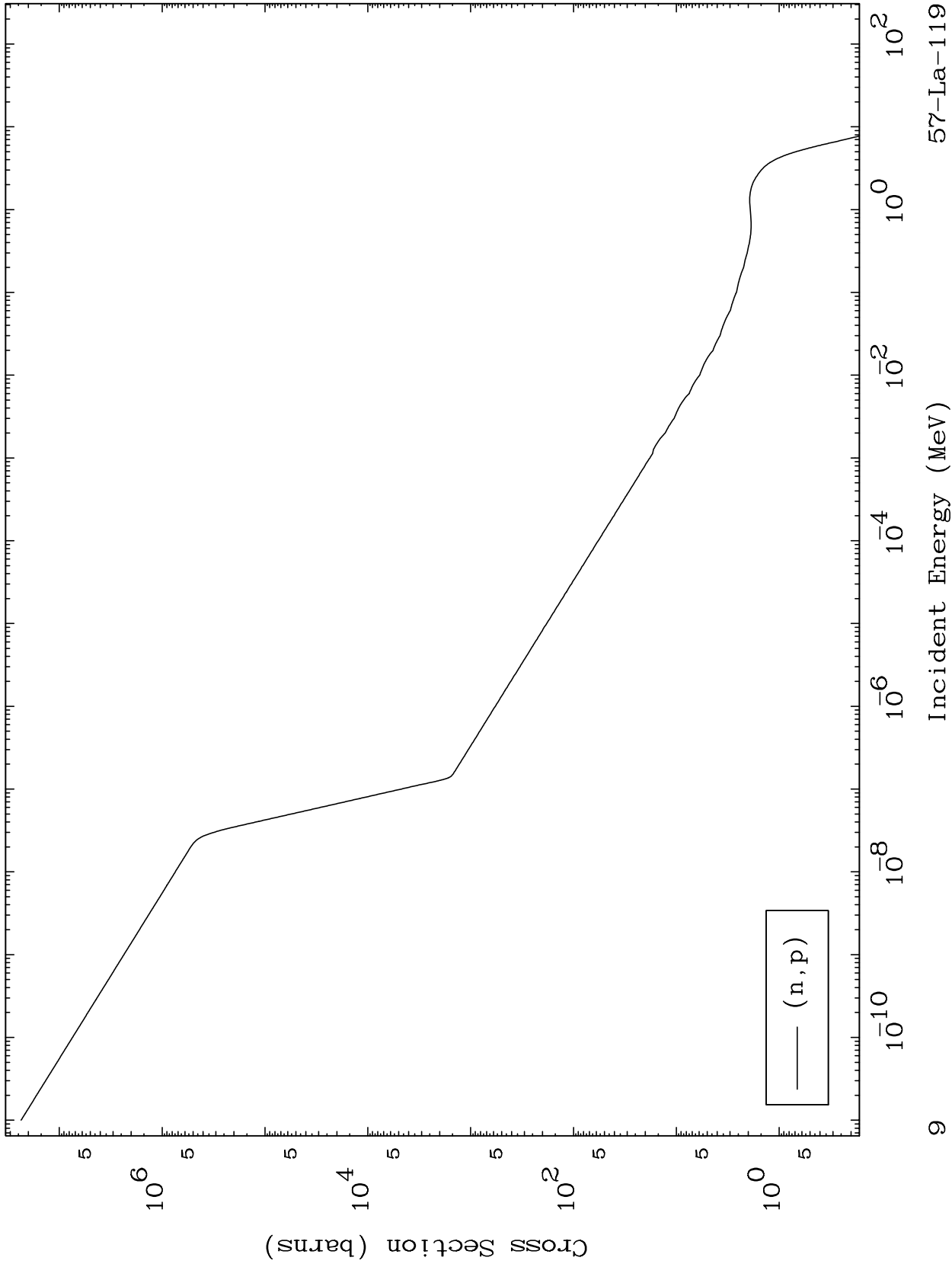
Incident Energy (MeV)

57-La-119

MAT 5668

(n,p) Levels
293 Kelvin Cross Sections

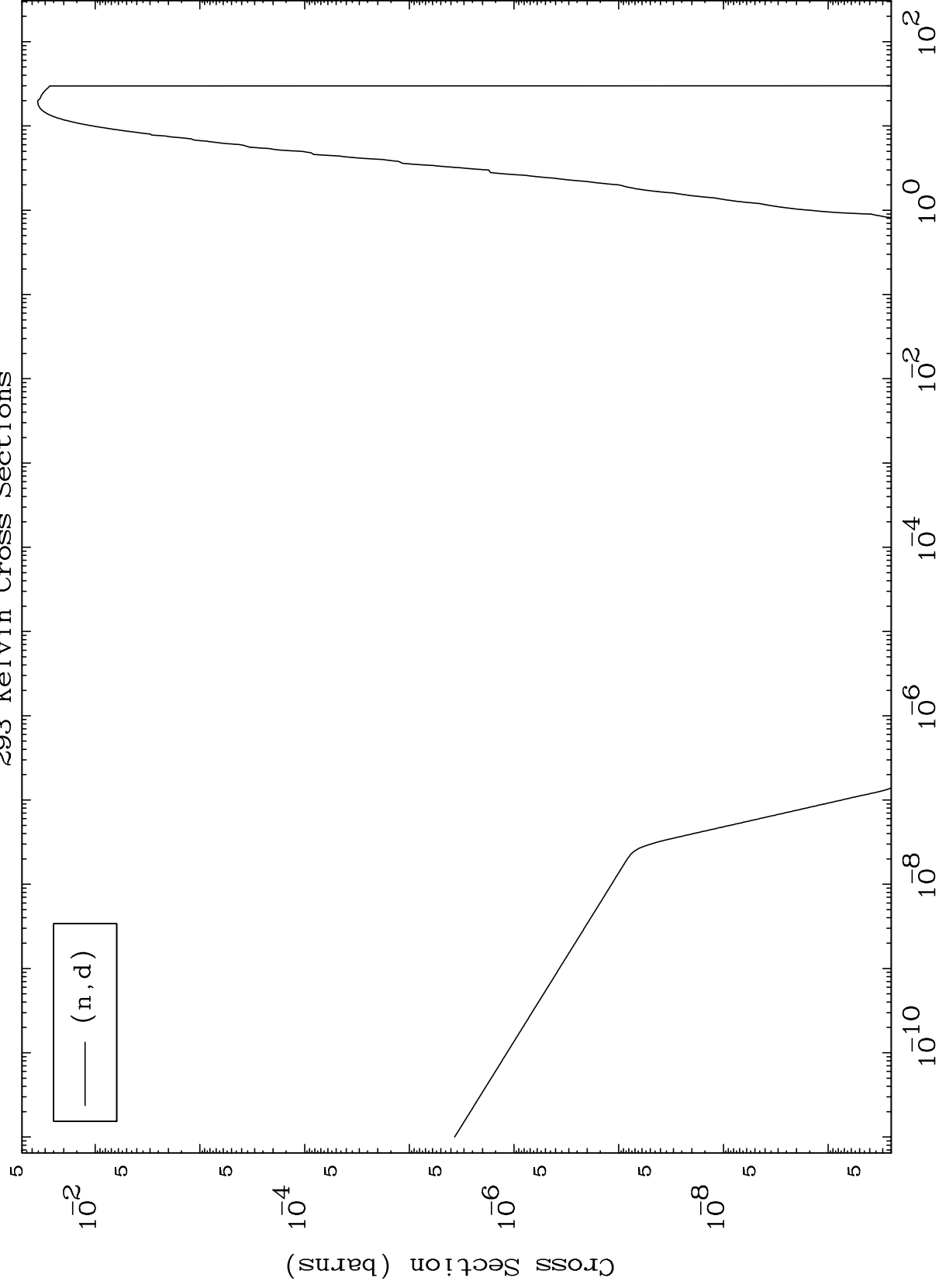
57-La-119



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(n,d) Levels
293 Kelvin Cross Sections

57-La-119



10

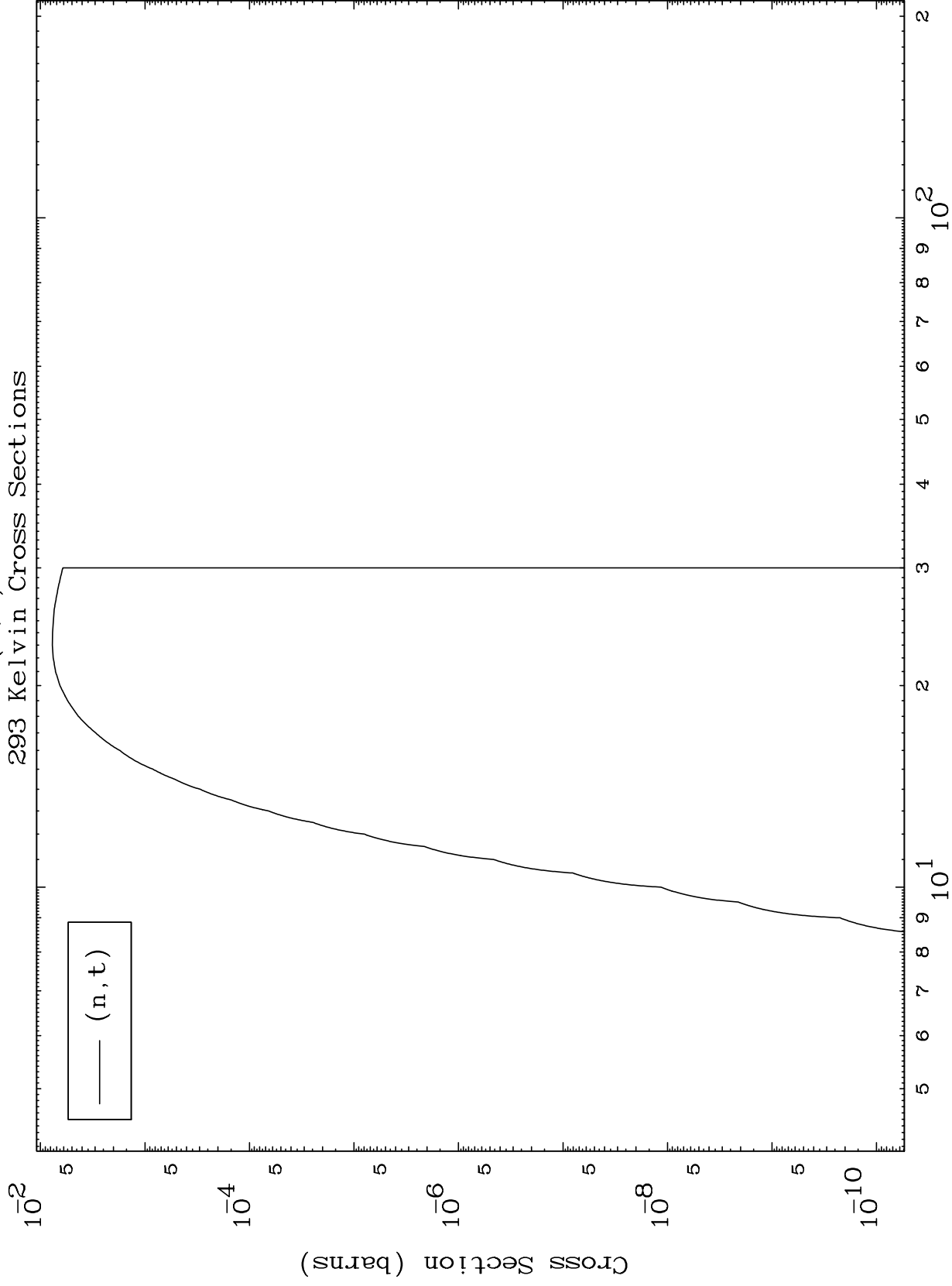
Incident Energy (MeV)

57-La-119

MAT 5668

(n,t) Levels
293 Kelvin Cross Sections

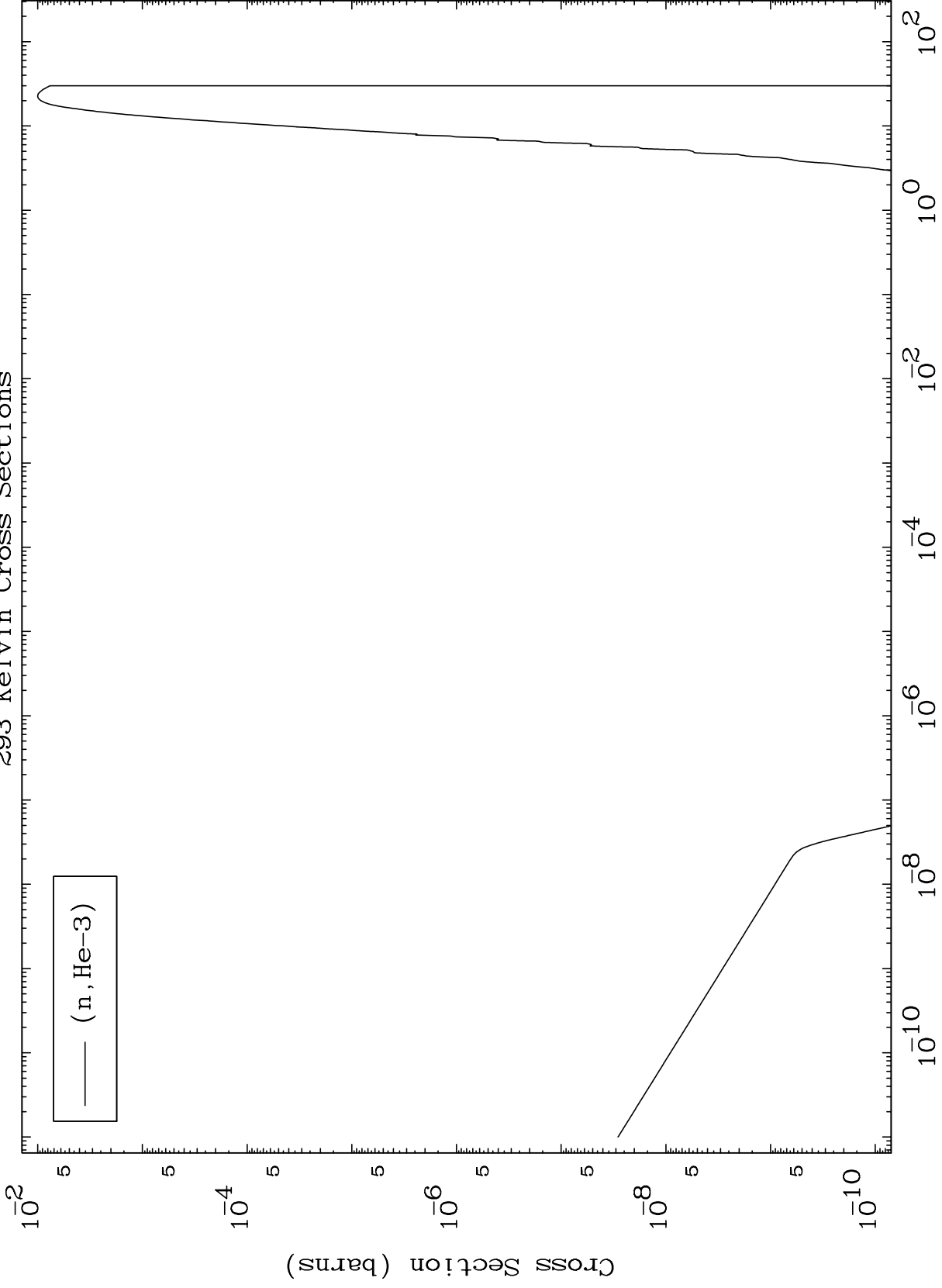
57-La-119



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(n,He3) Levels
293 Kelvin Cross Sections

57-La-119



12

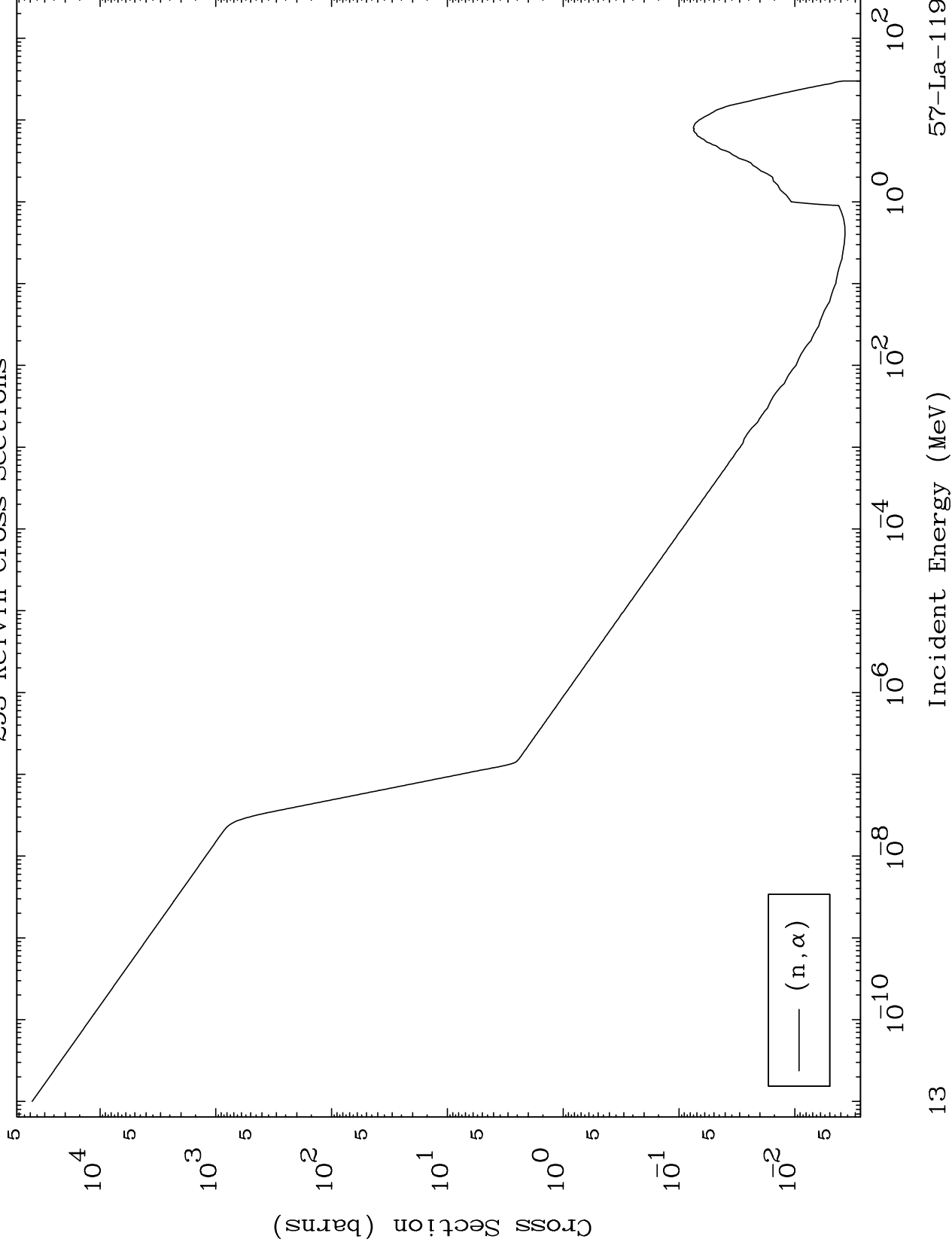
Incident Energy (MeV)

57-La-119

MAT 5668

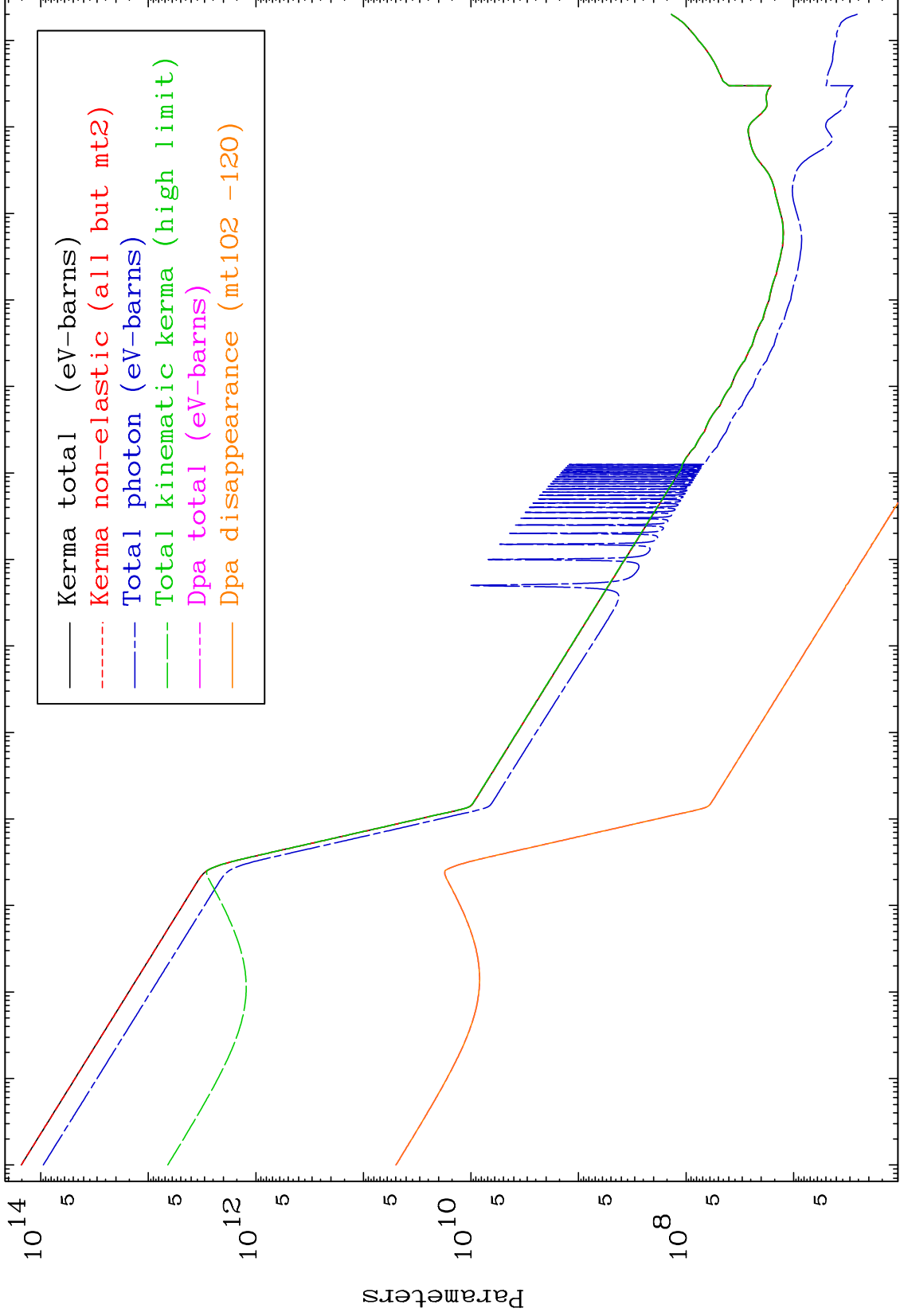
(n,α) Levels
293 Kelvin Cross Sections

57-La-119



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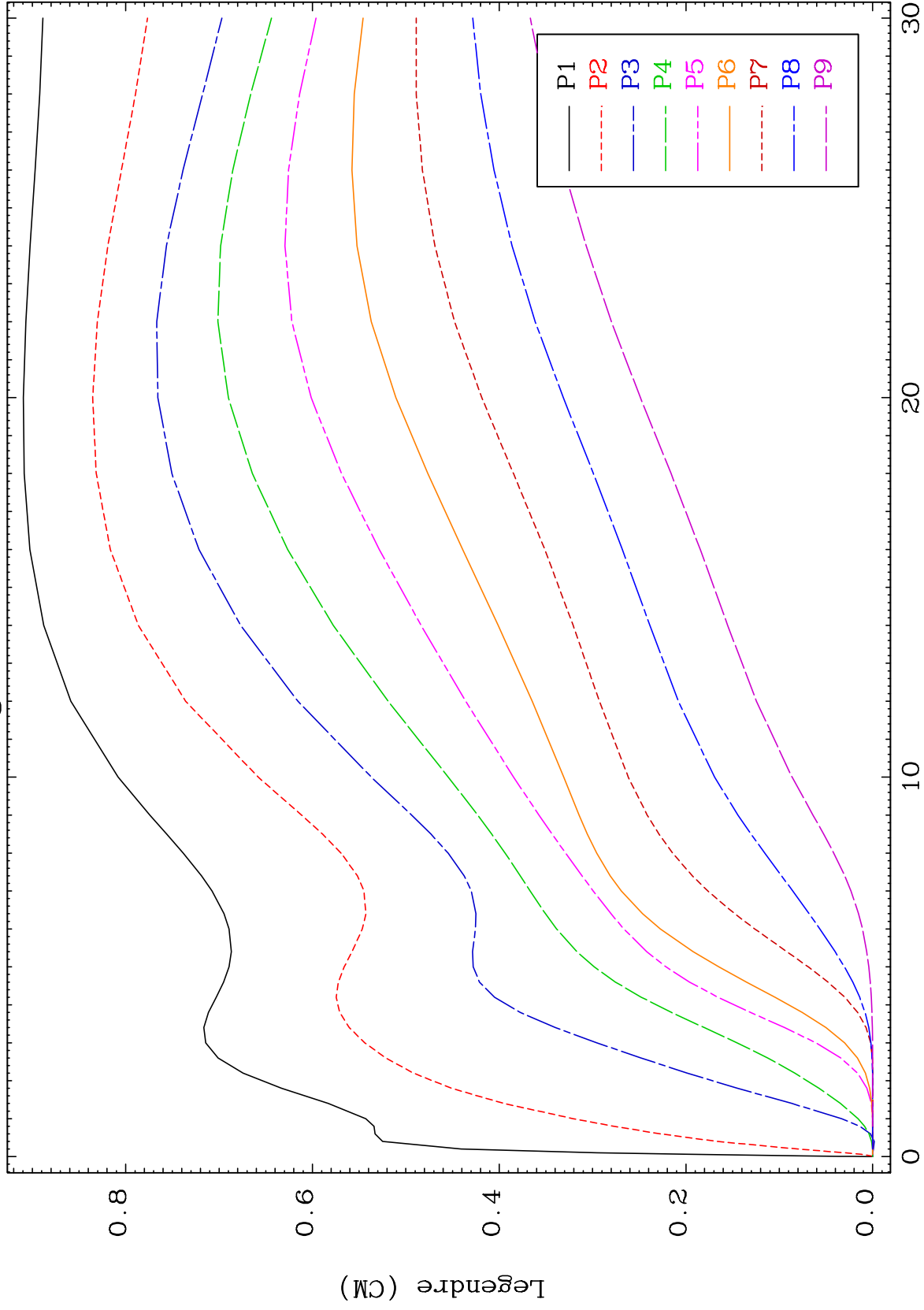
57-La-119



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Elastic Legendre Coefficients

57-La-119



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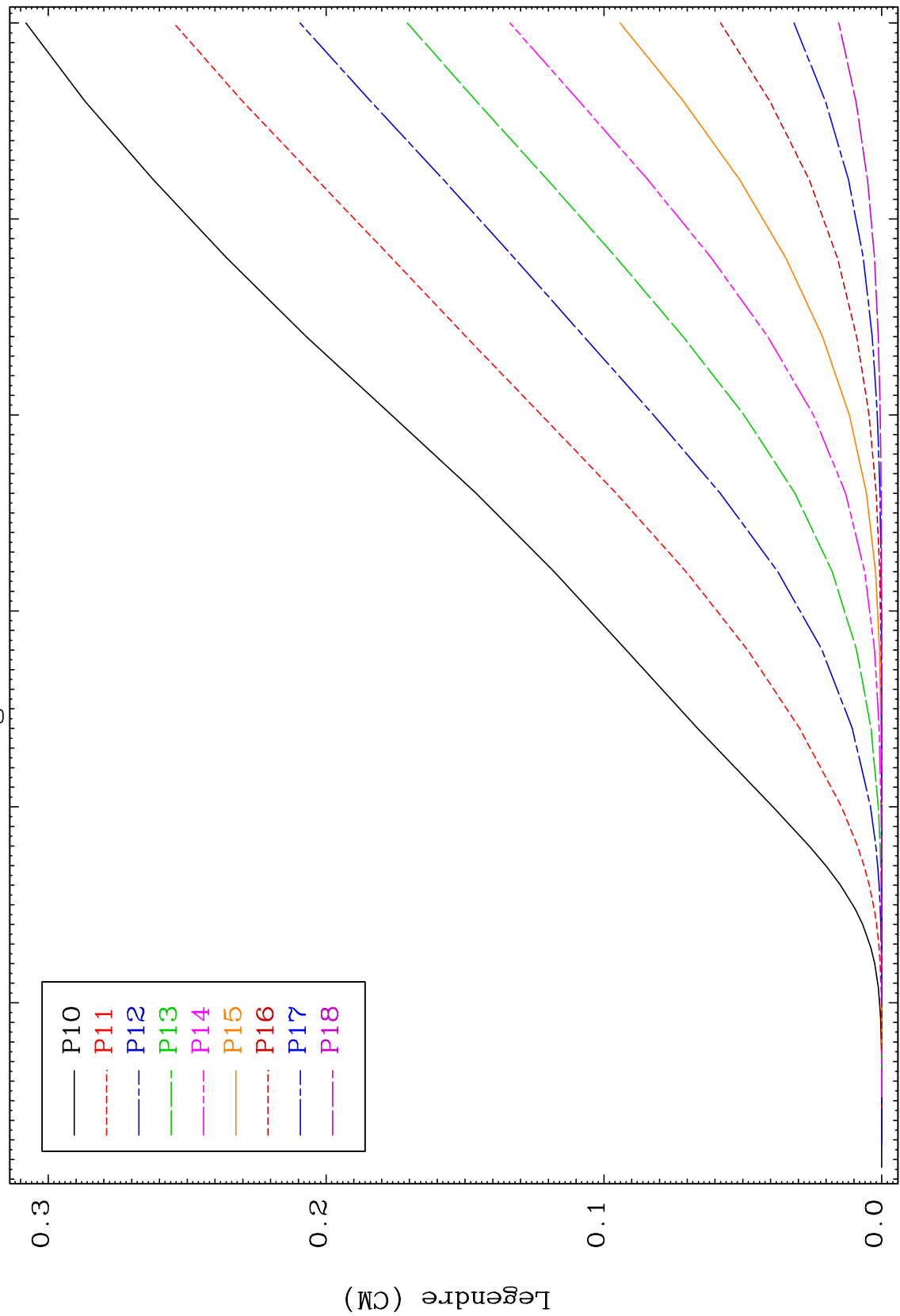
Incident Energy (MeV)

57-La-119

MAT 5668

Elastic Legendre Coefficients

57-La-119



16

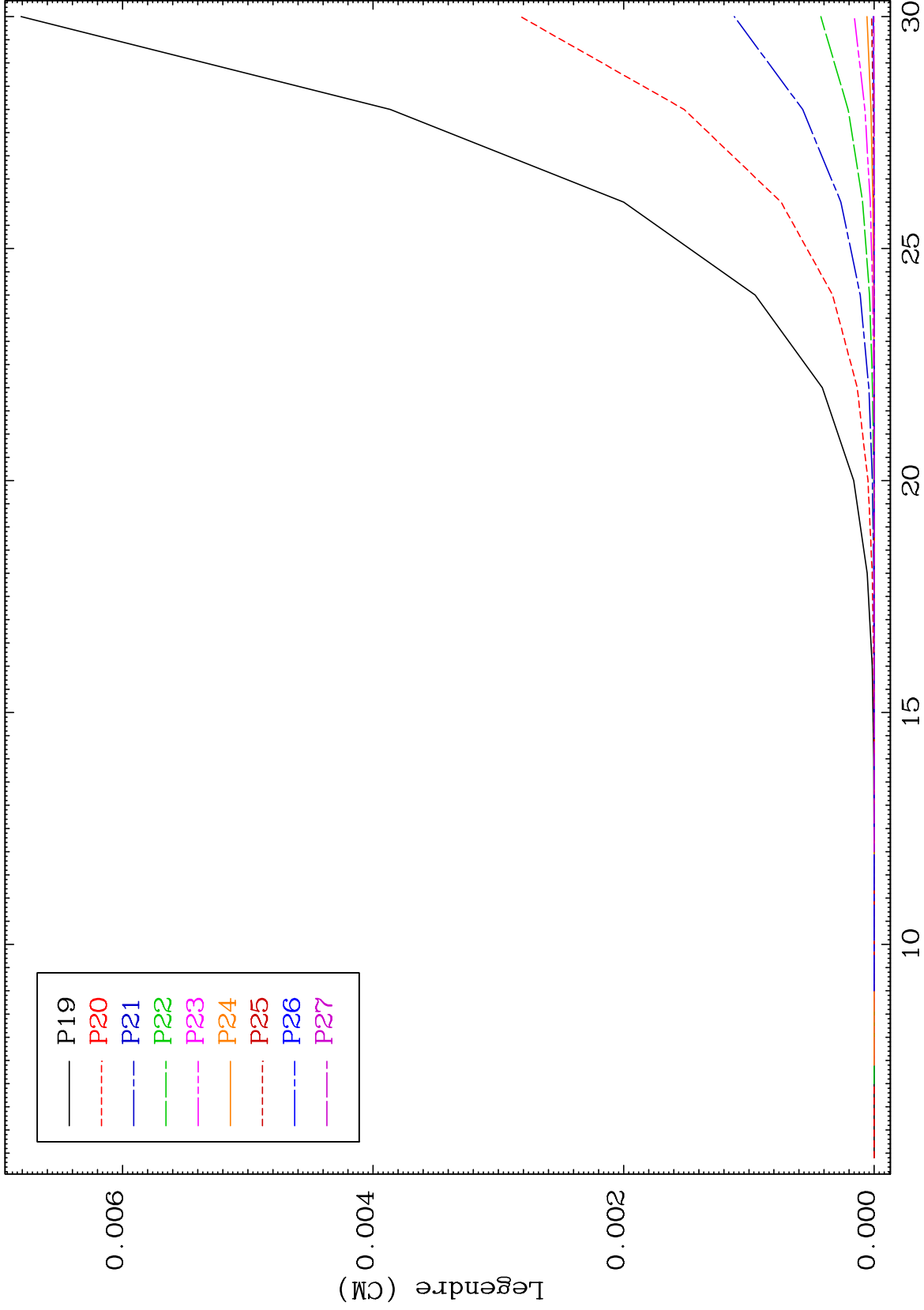
Incident Energy (MeV)

57-La-119

MAT 5668

Elastic Legendre Coefficients

57-La-119



17

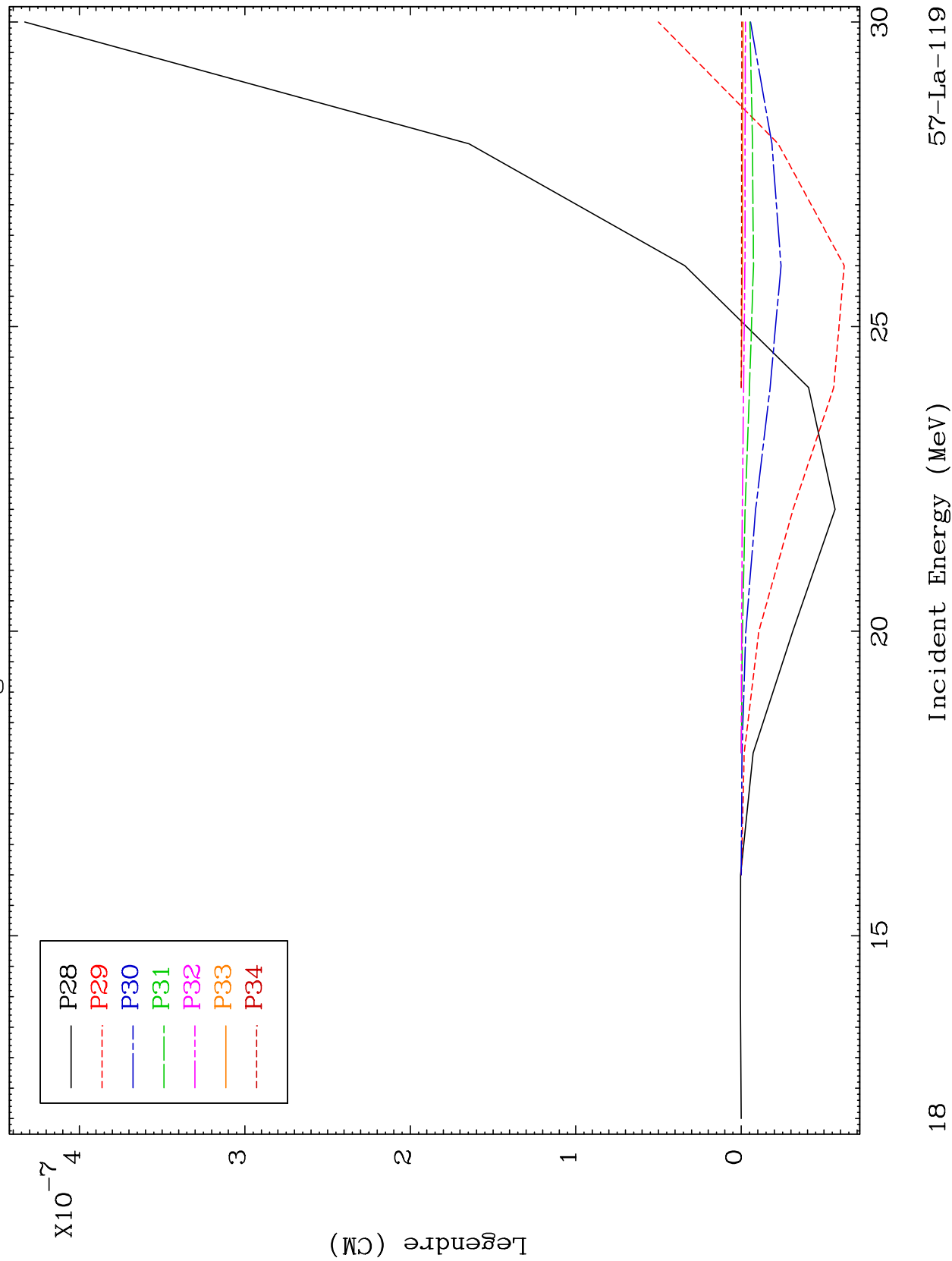
Incident Energy (MeV)

57-La-119

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Elastic Legendre Coefficients

57-La-119



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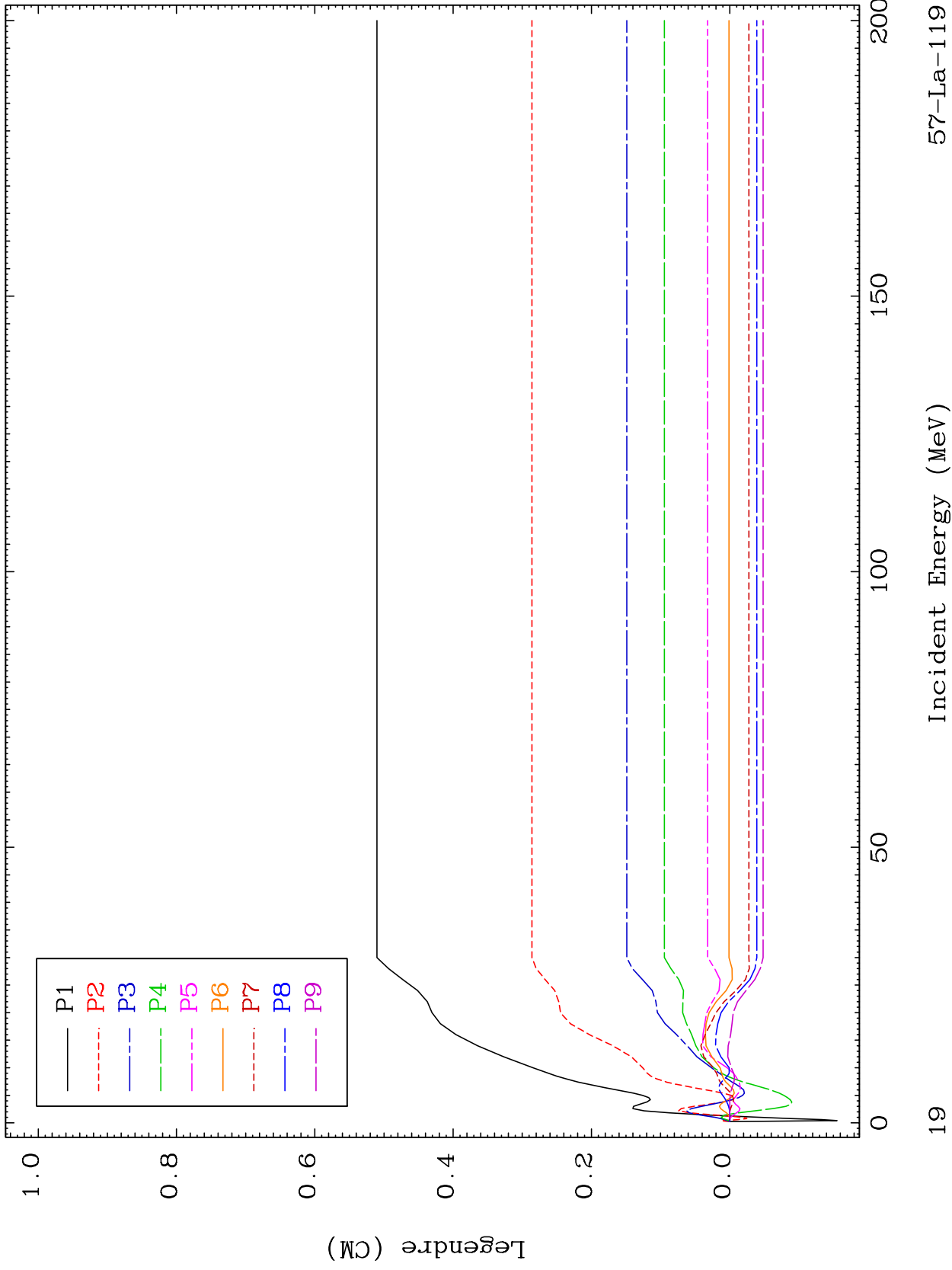
Incident Energy (MeV)

57-La-119

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218.5 keV (n,n') Level
Legendre Coefficients

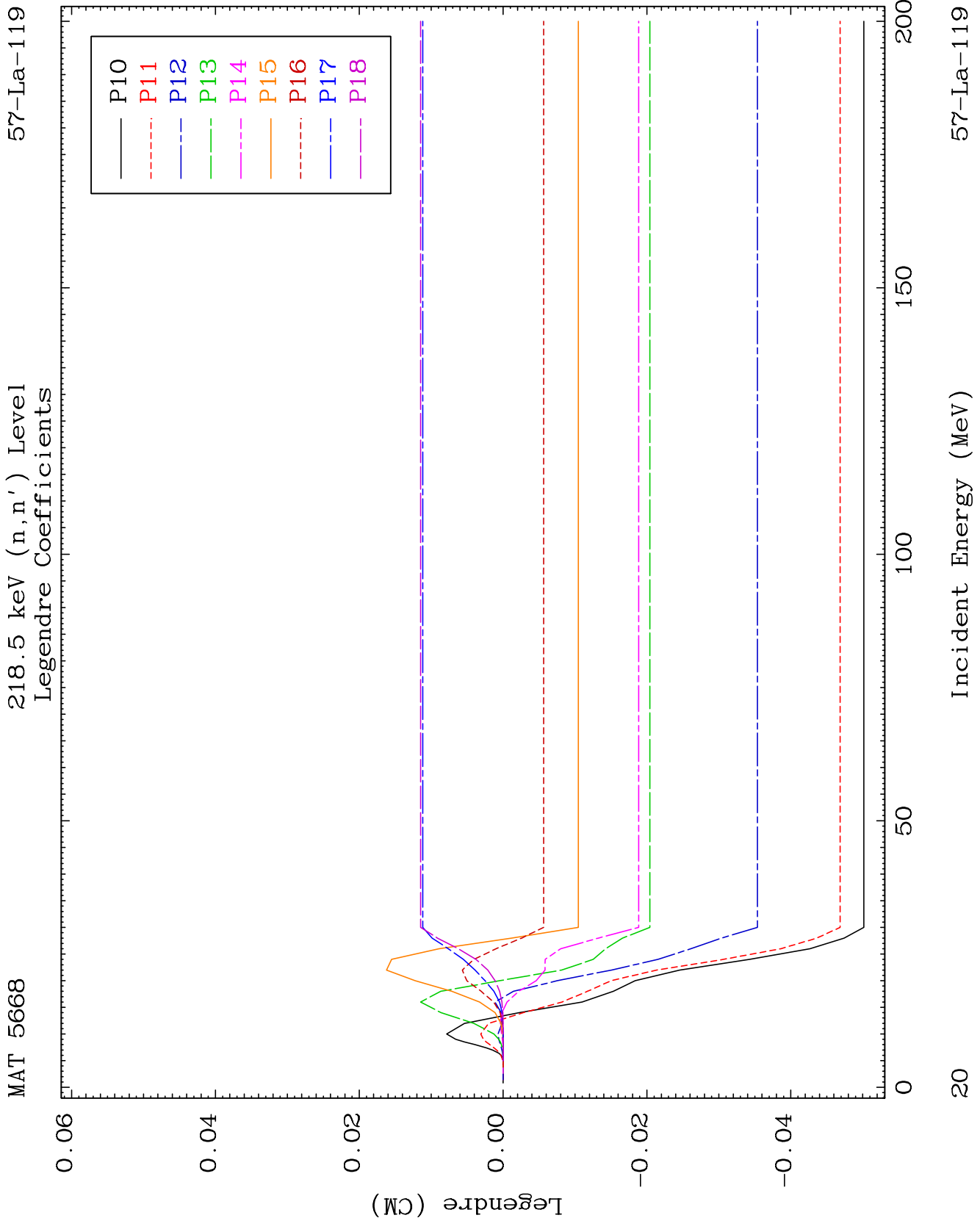
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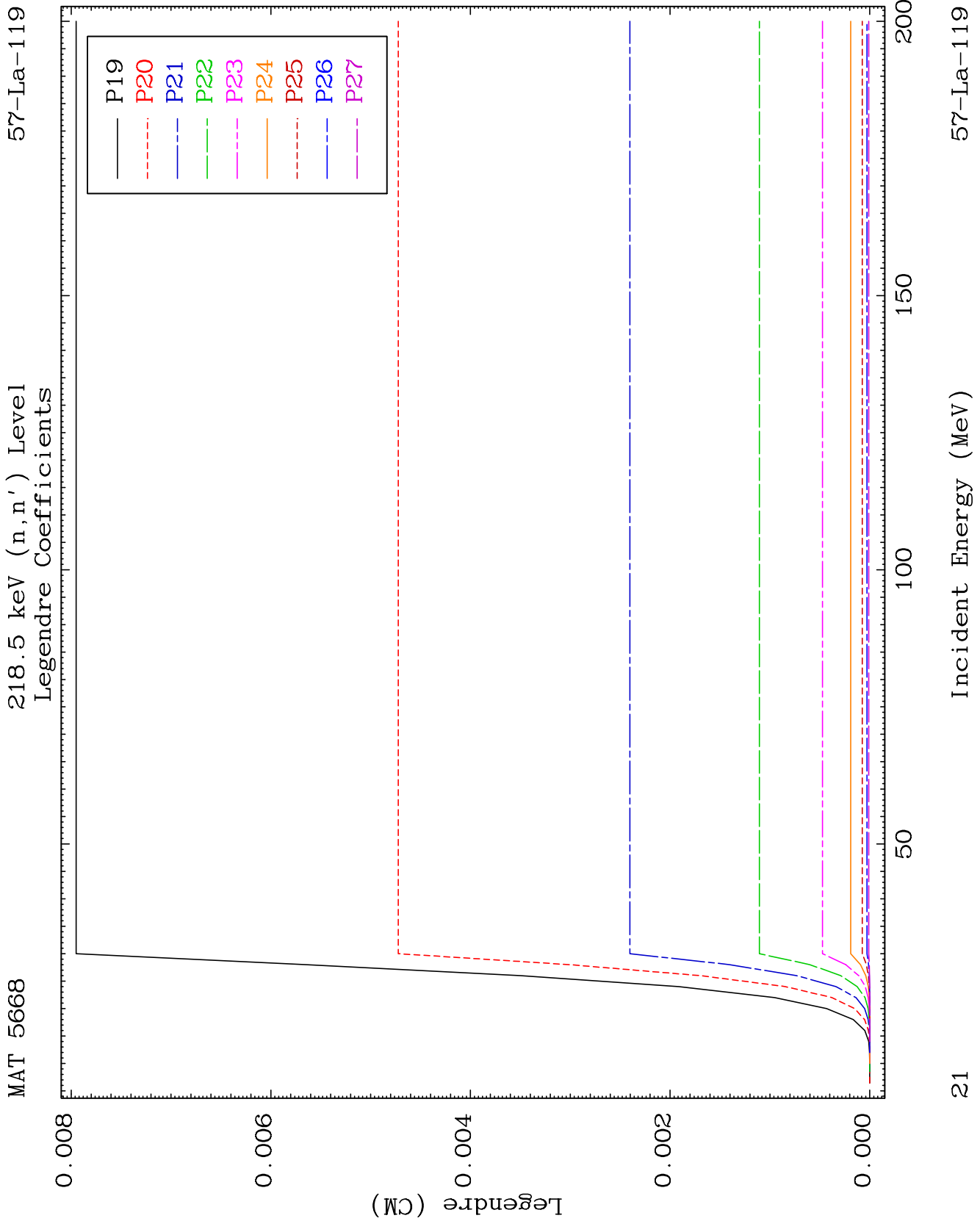


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Incident Energy (MeV)

57-La-119

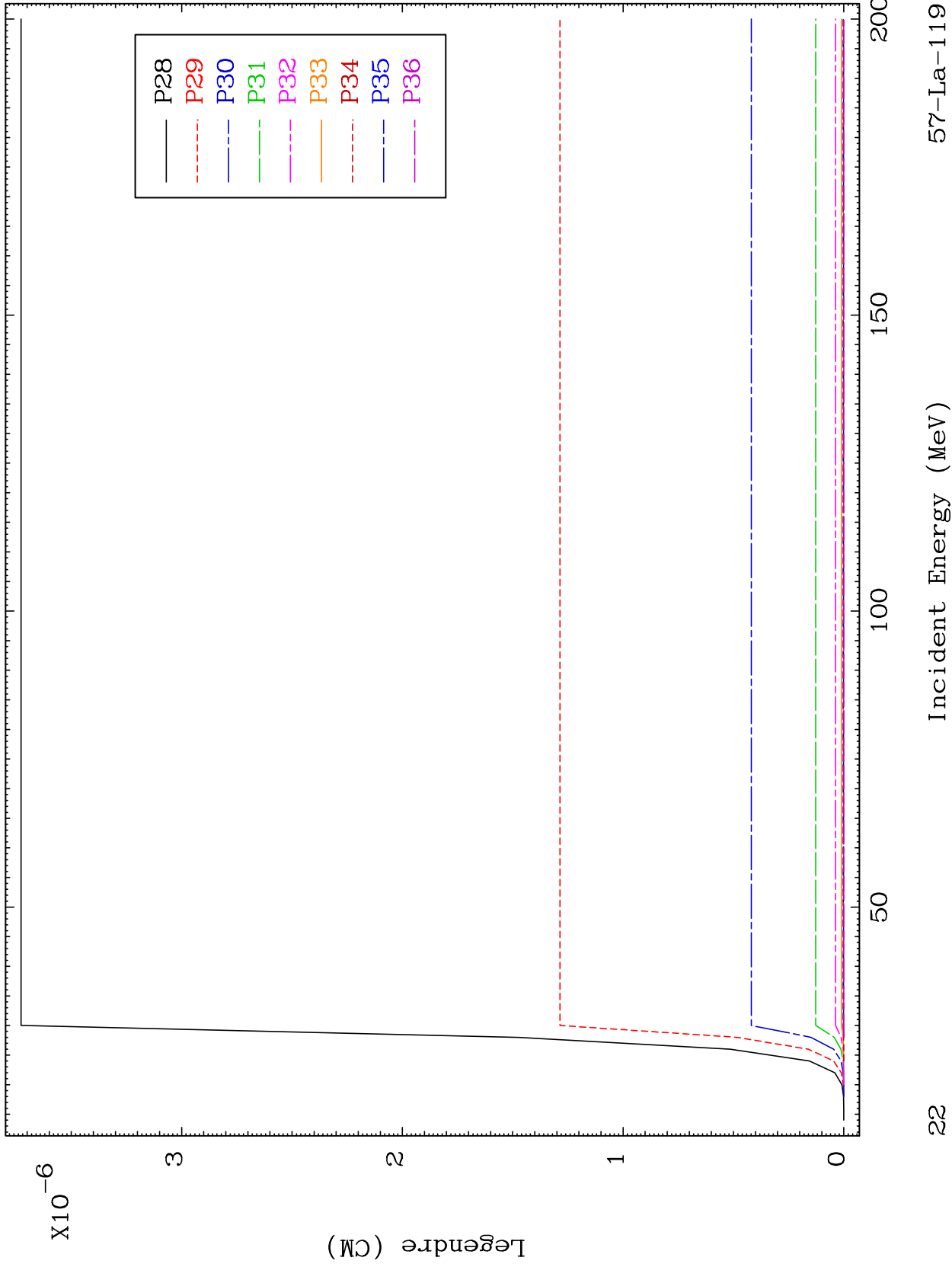




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218.5 keV (n,n') Level
Legendre Coefficients

57-La-119



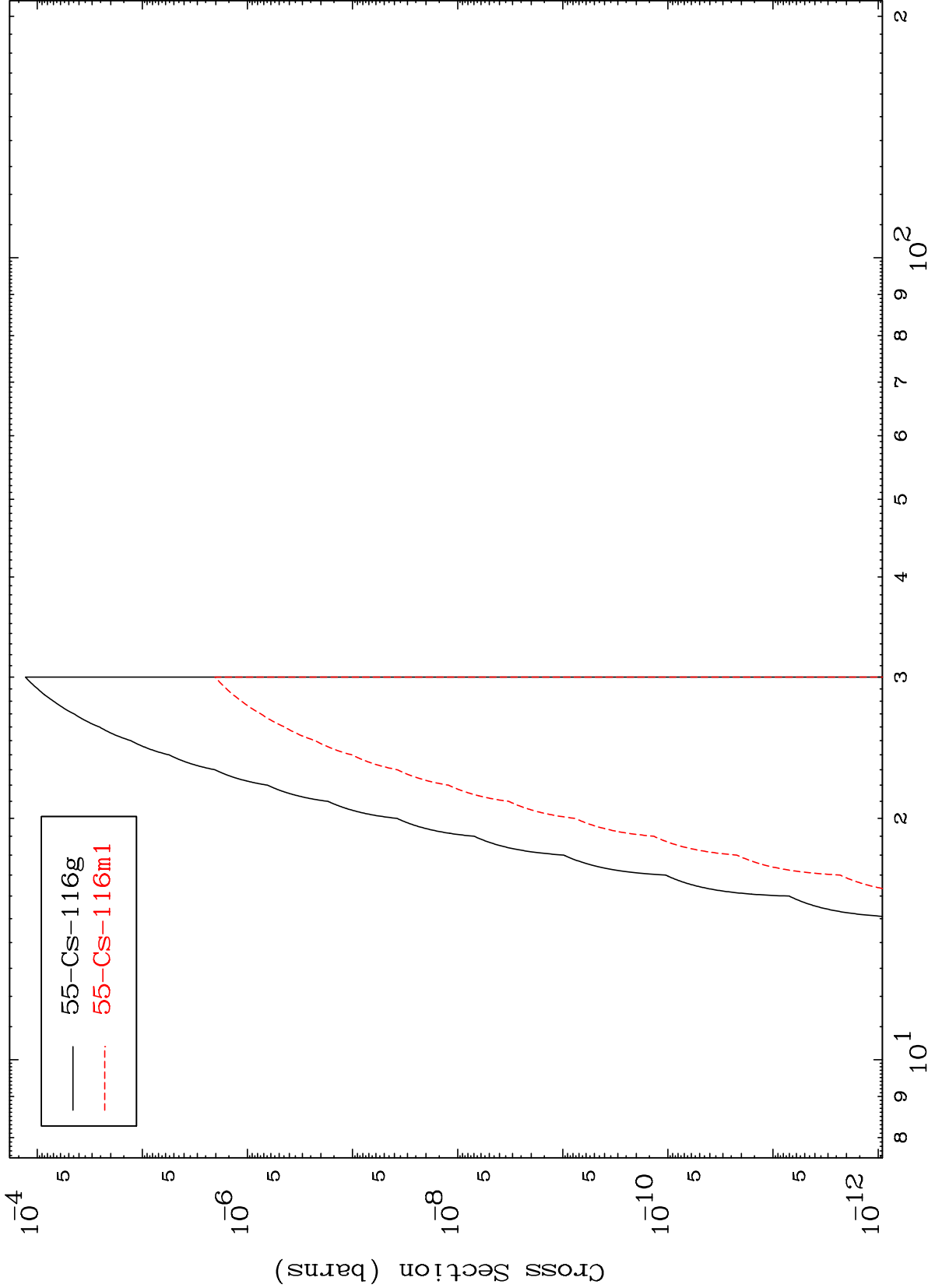
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(n,n') He-3

57-La-119

Radionuclide Production Cross Section



55-Cs-116g
55-Cs-116m1

Incident Energy (MeV)

57-La-119

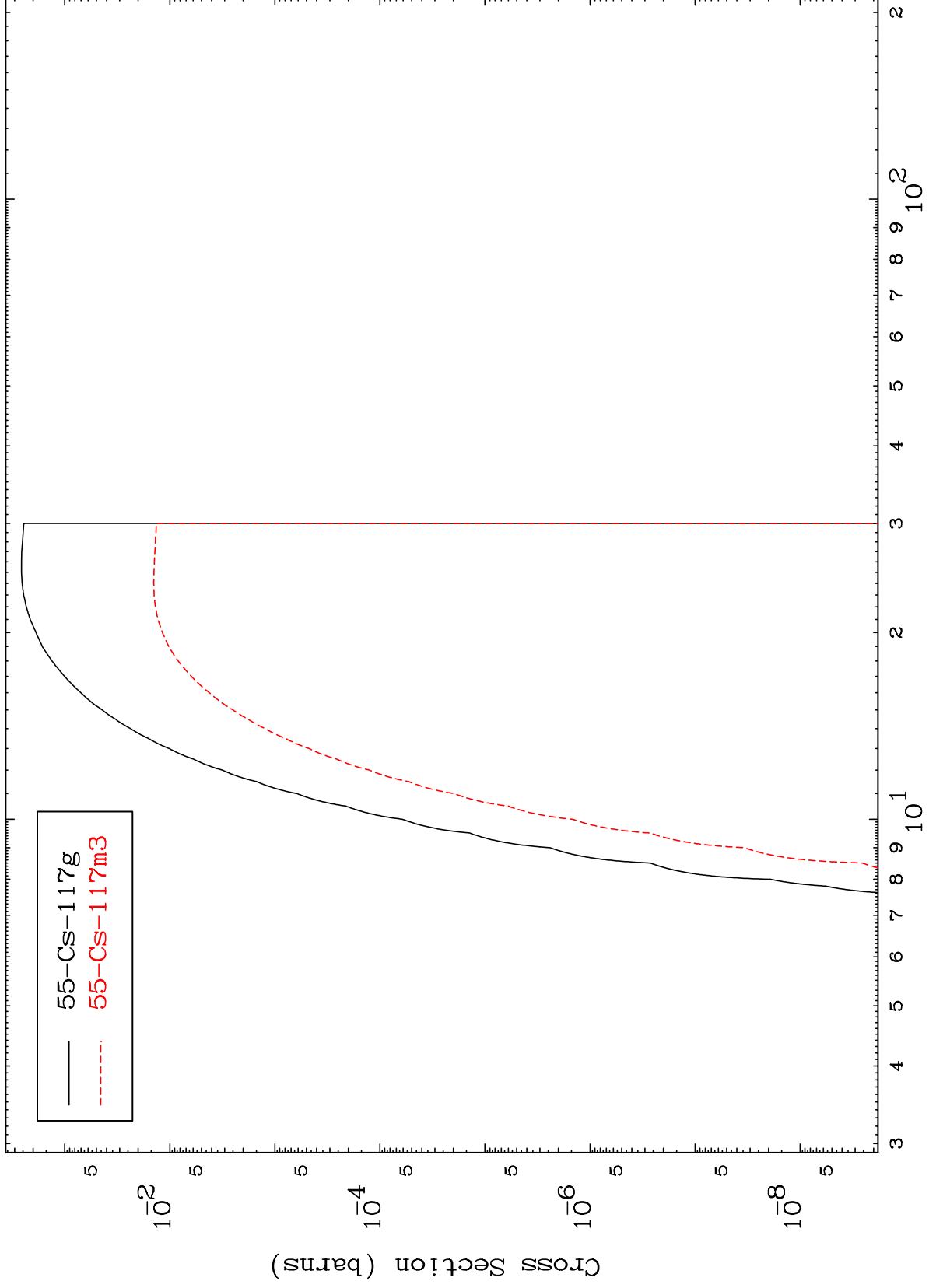
23

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(n,2n) p

57-La-119

Radionuclide Production Cross Section



24

Incident Energy (MeV)

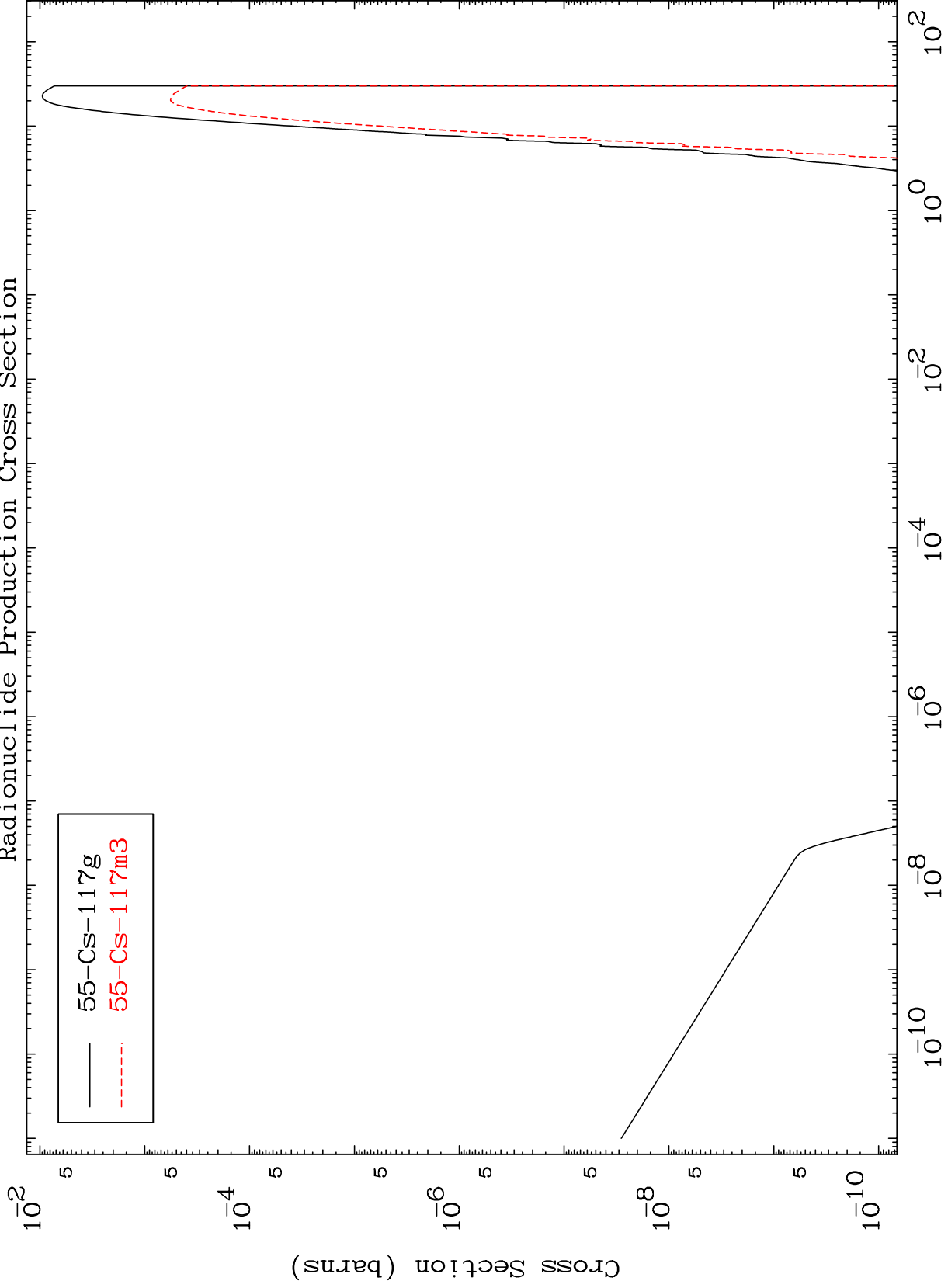
57-La-119

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(n,He-3)

57-La-119

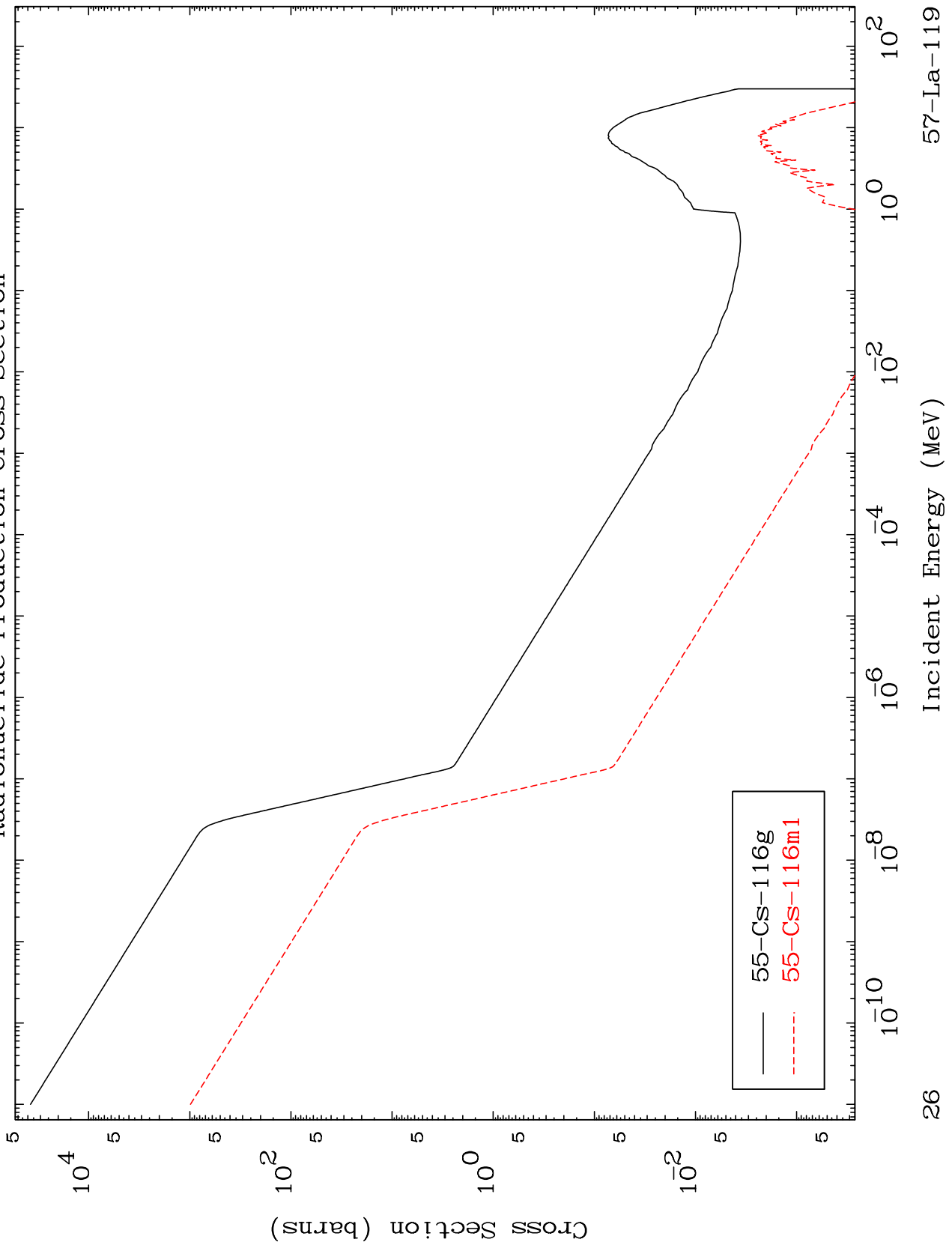
Radionuclide Production Cross Section



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57-La-119

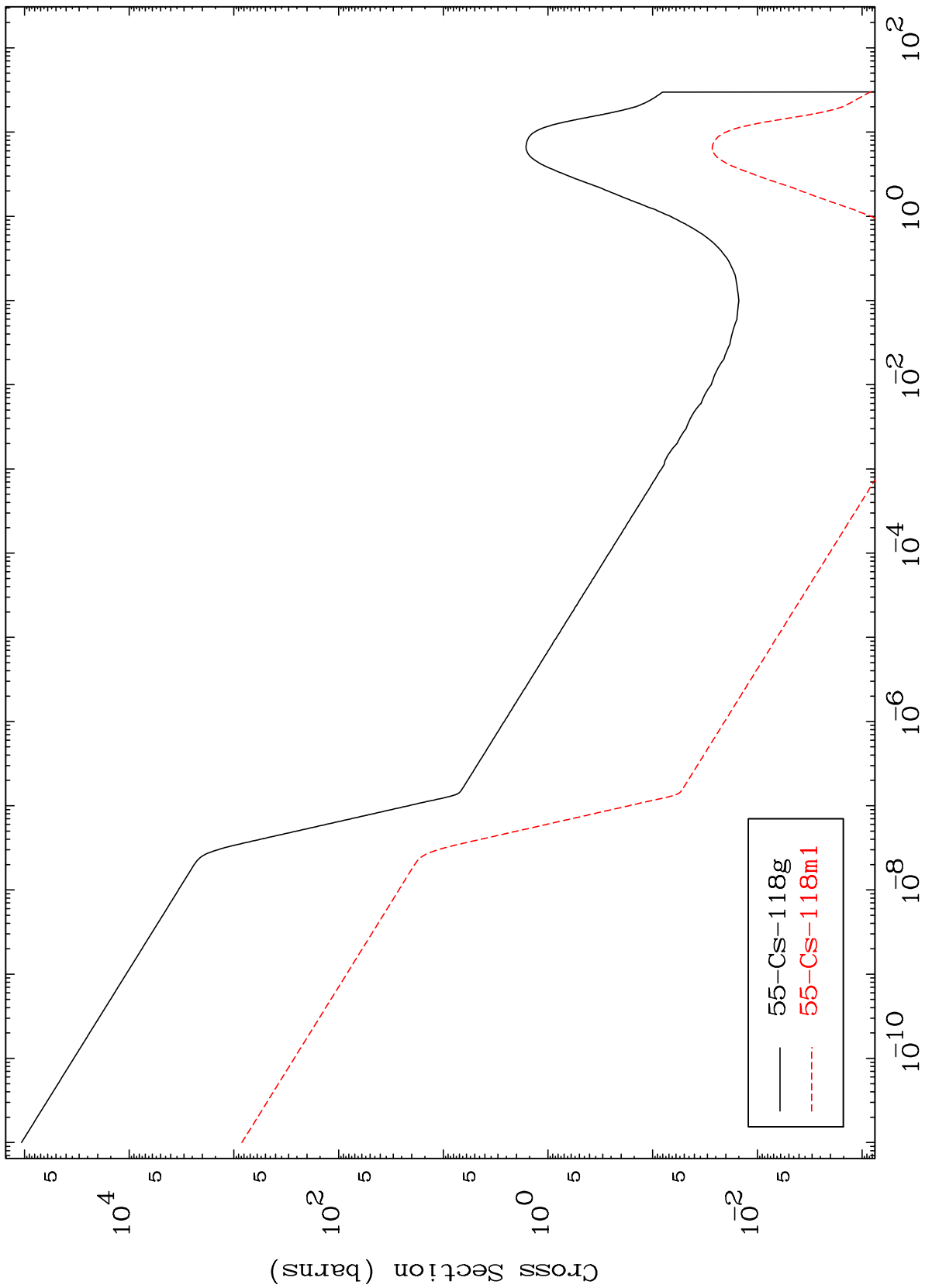
Radionuclide Production Cross Section



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57-La-119

(n,2p)
Radionuclide Production Cross Section



27

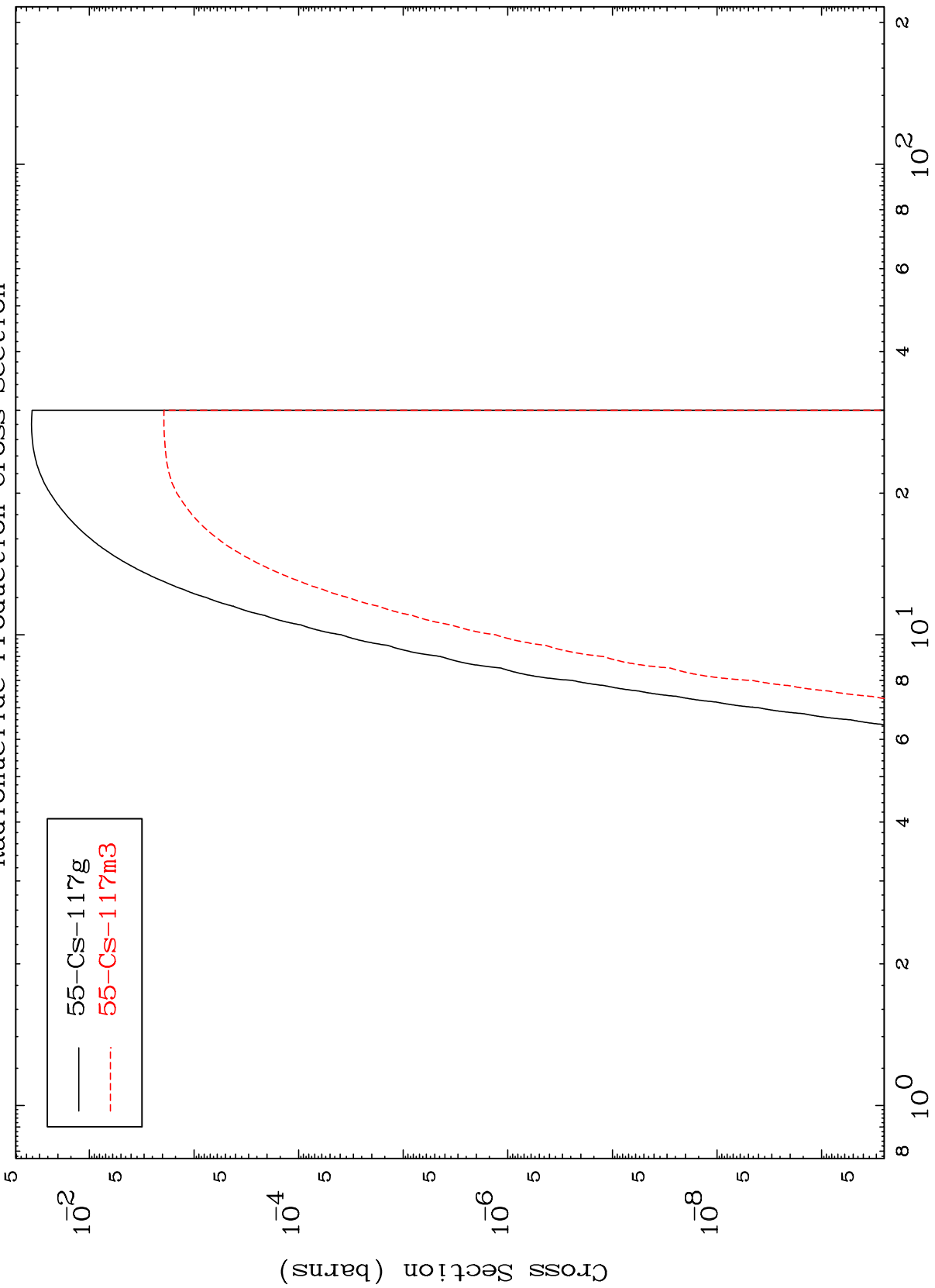
57-La-119

MAT 5668

(n,p) d

57-La-119

Radionuclide Production Cross Section



28

Incident Energy (MeV)

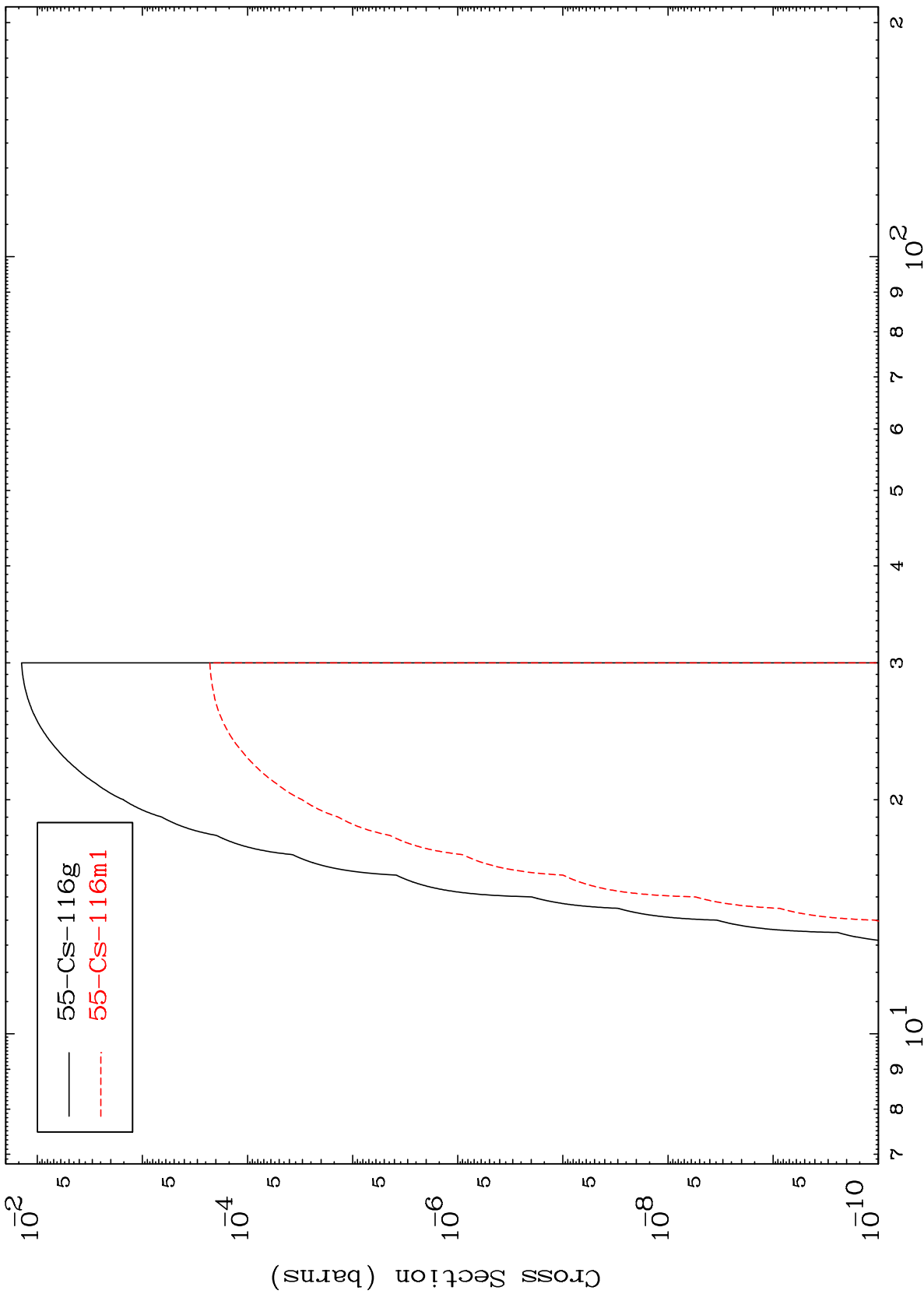
57-La-119

MAT 5668

(n,p) t

57-La-119

Radionuclide Production Cross Section



29

Incident Energy (MeV)

57-La-119