

Program EVALPLOT
(Version 2018-1)

by

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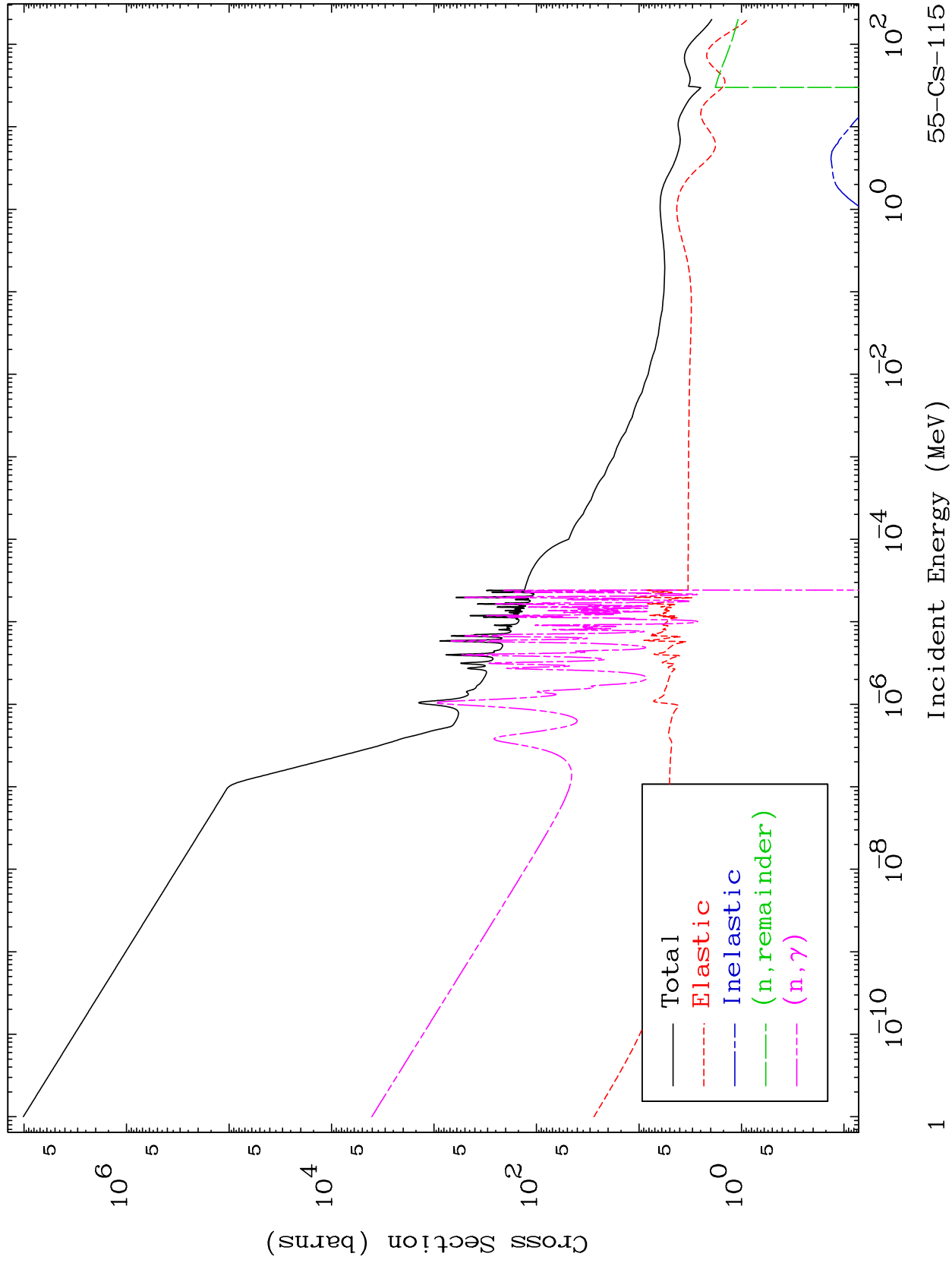
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5471

Major
293 Kelvin Cross Sections

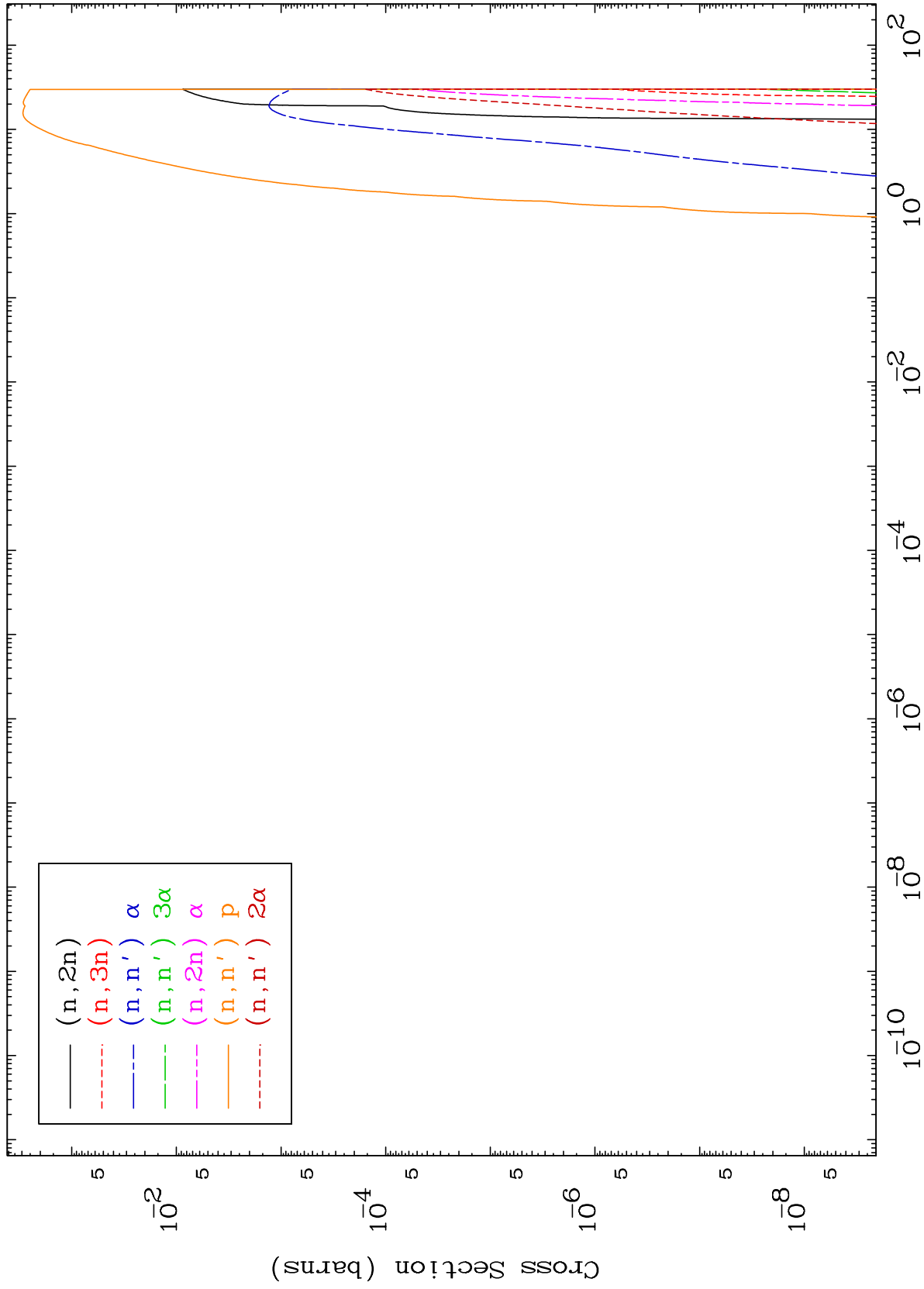
55-Cs-115



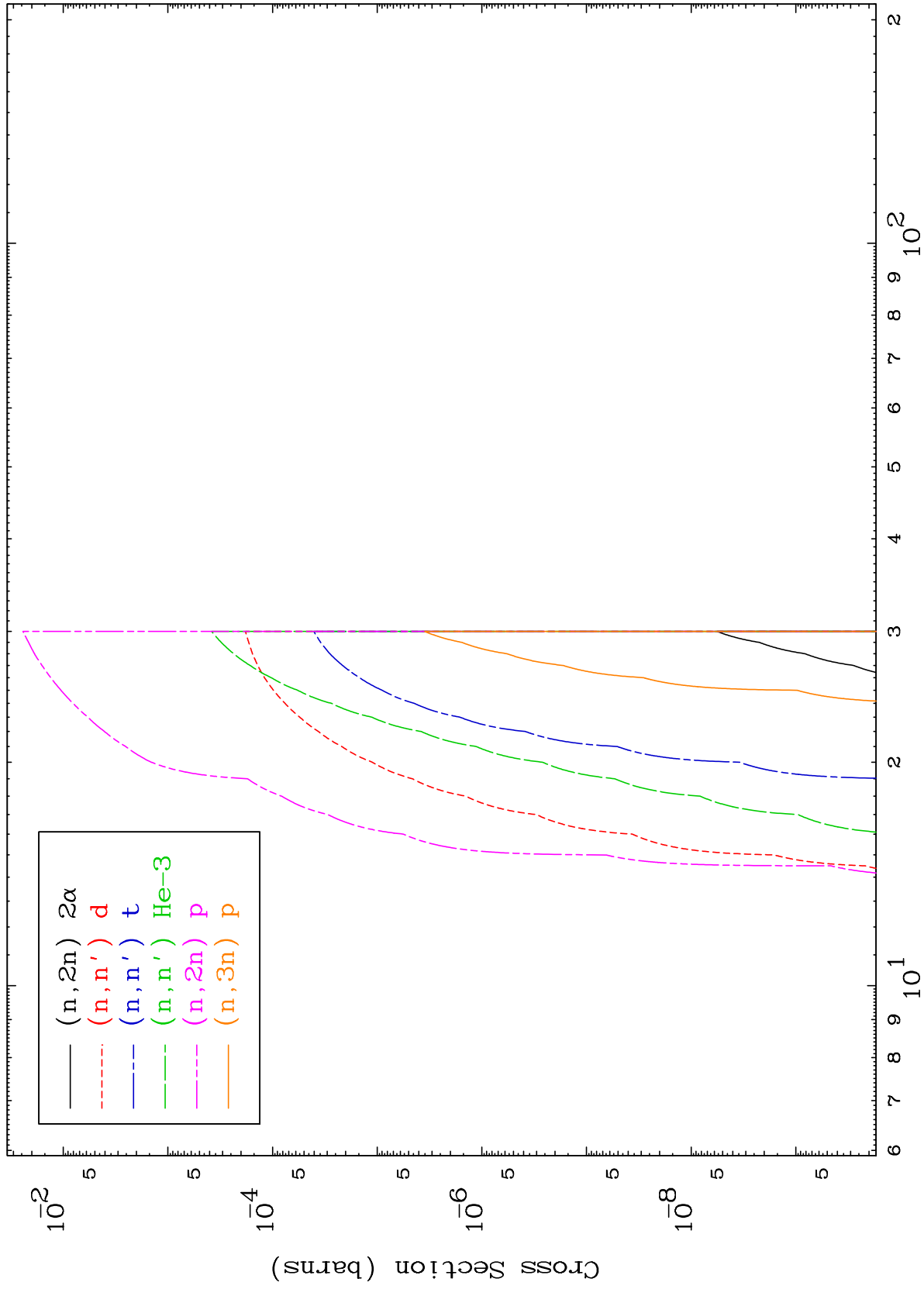
MAT 5471

Neutron Production
293 Kelvin Cross Sections

55-Cs-115



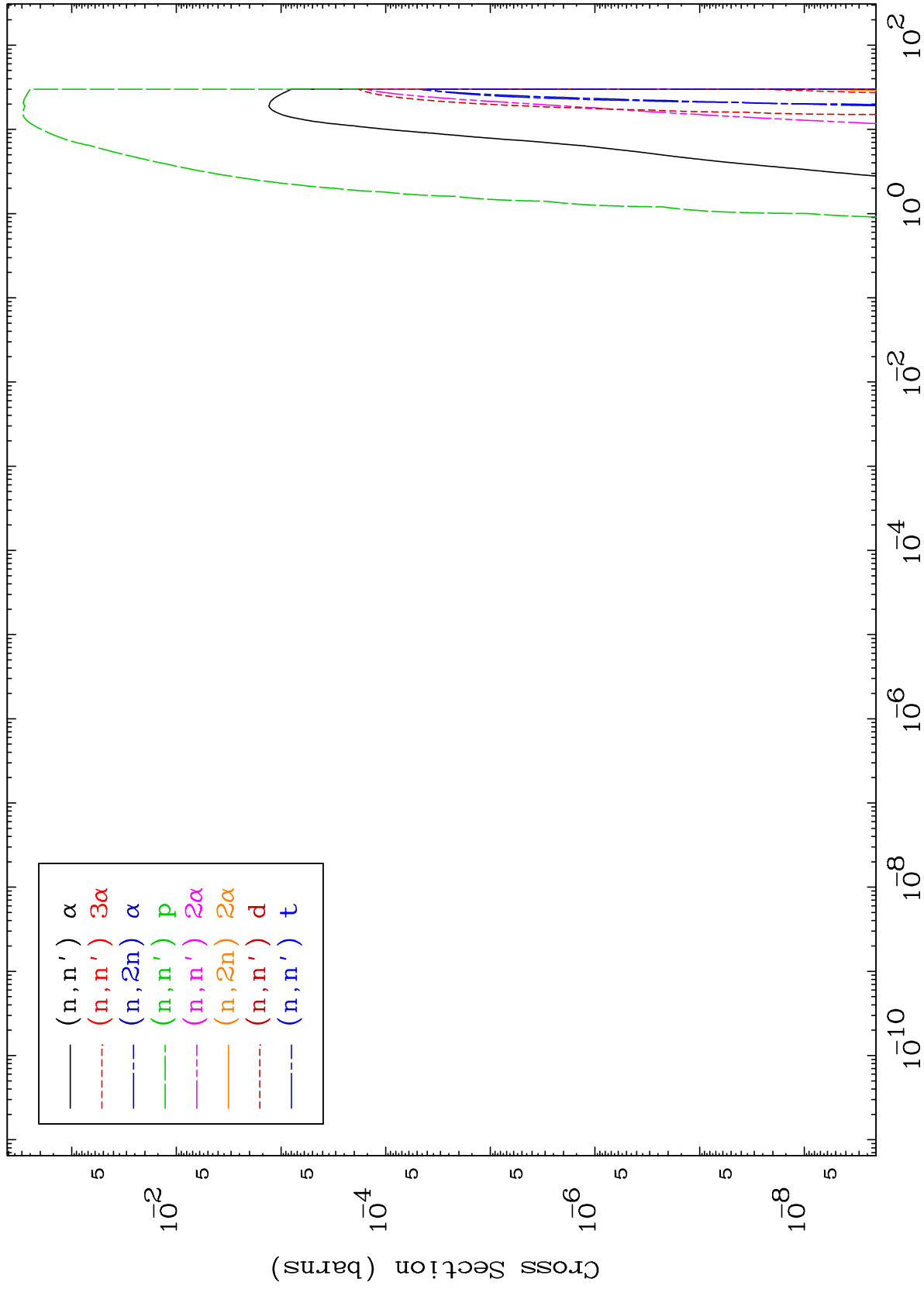
55-Cs-115



MAT 5471

293 Charged Particle
Kelvin Cross Sections

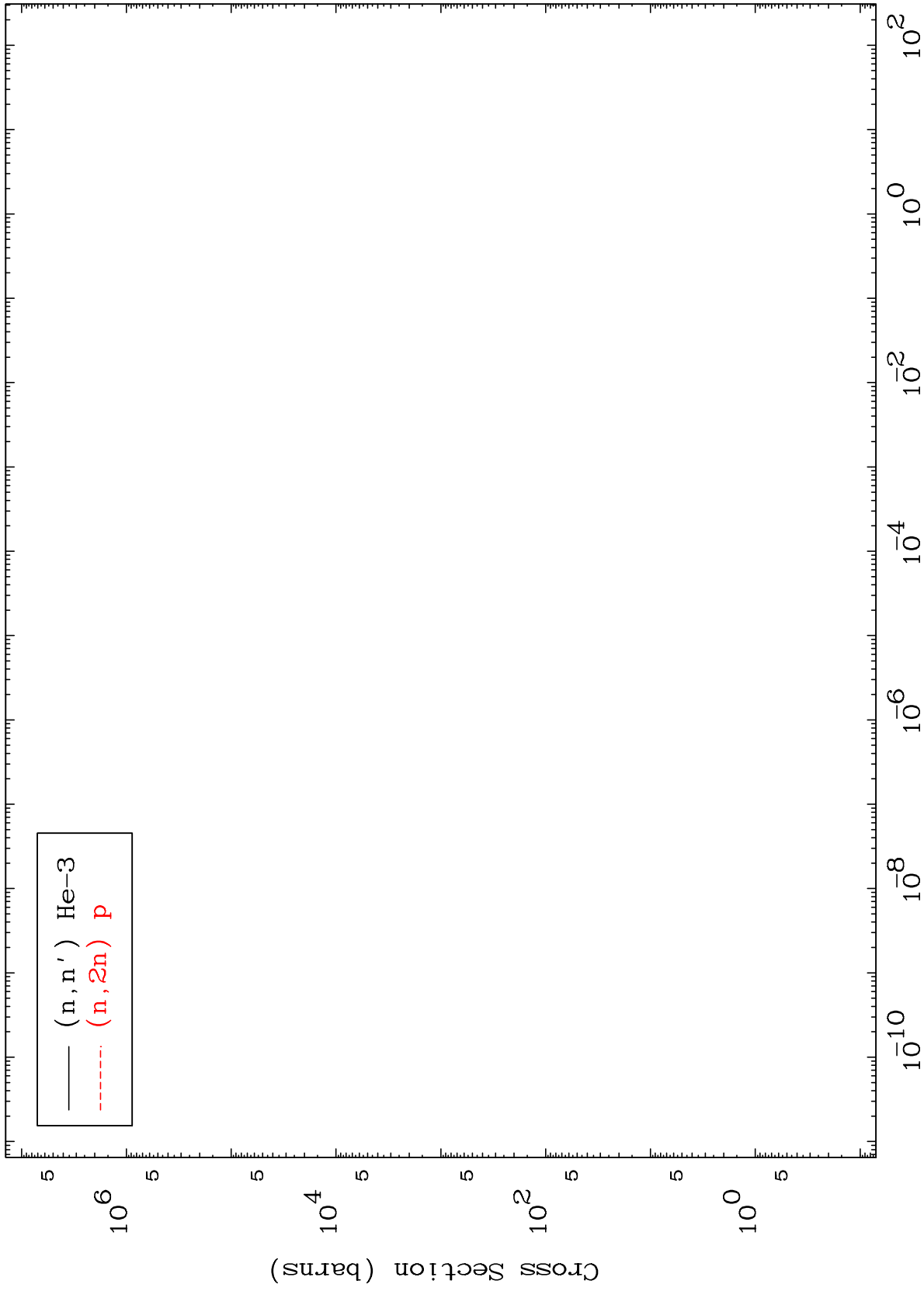
55-Cs-115



MAT 5471

Charged Particle
293 Kelvin Cross Sections

55-Cs-115



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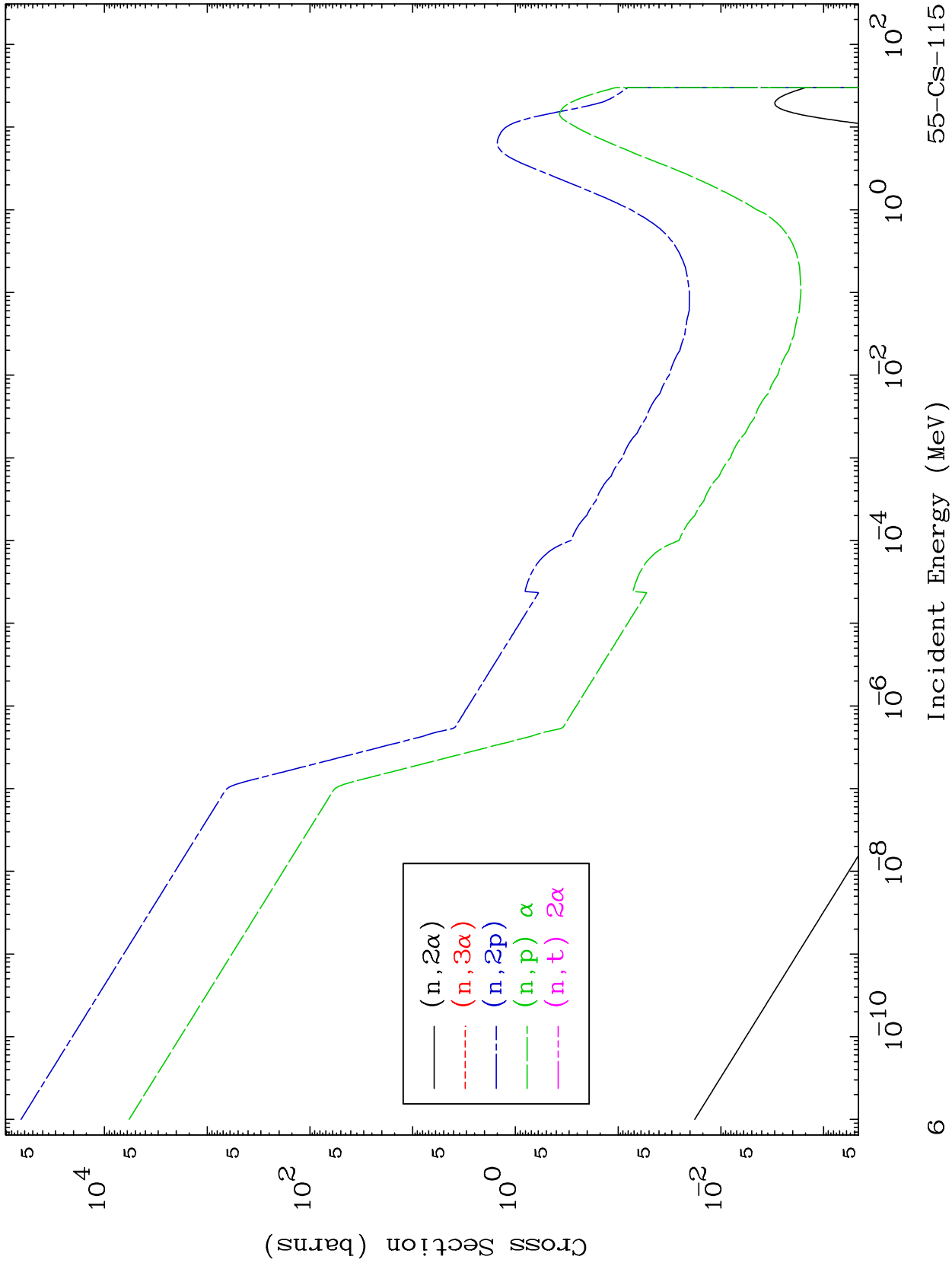
Incident Energy (MeV)

55-Cs-115

MAT 5471

Charged Particle
293 Kelvin Cross Sections

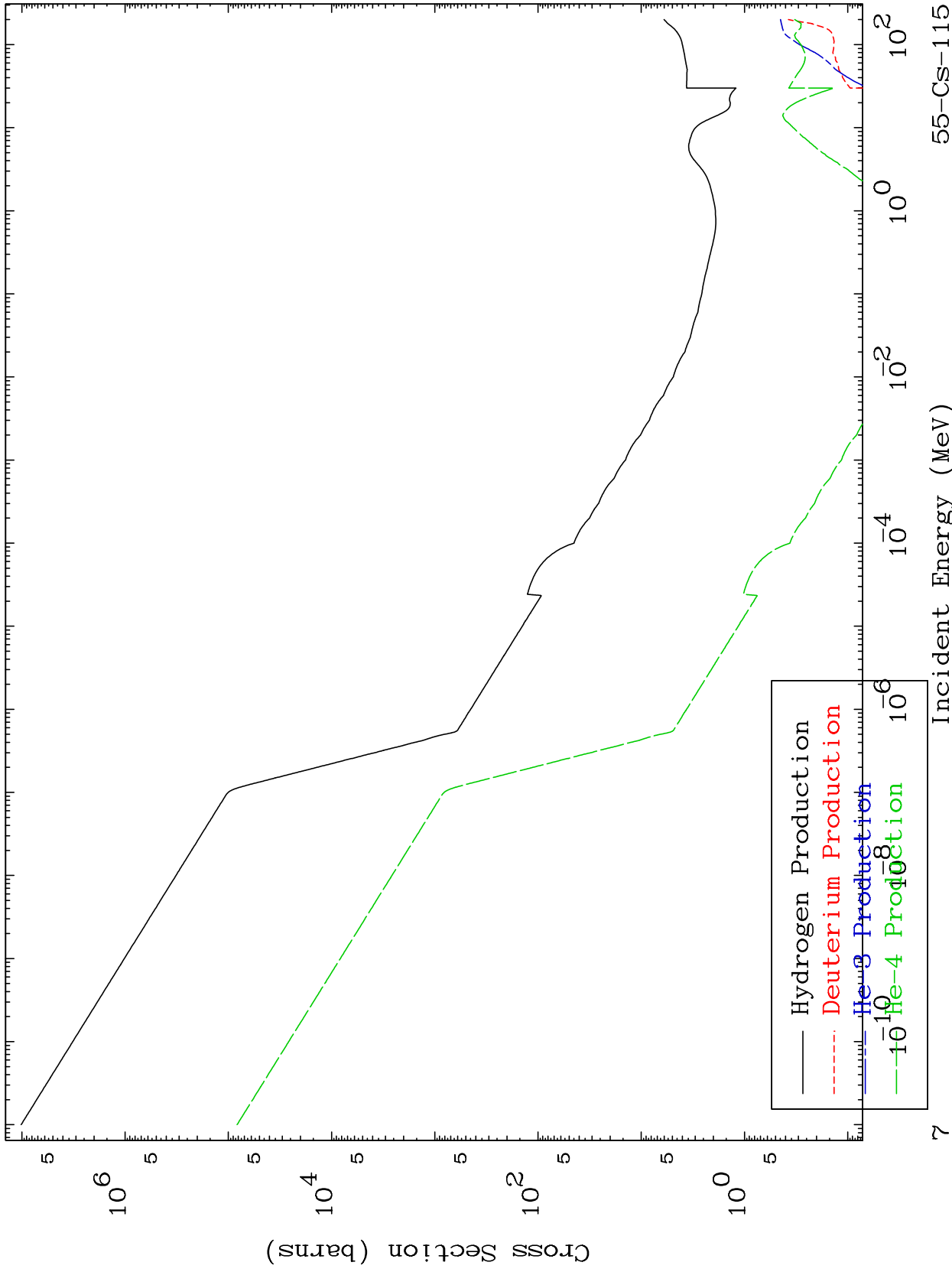
55-Cs-115



MAT 5471

Particle Production
293 Kelvin Cross Sections

55-Cs-115

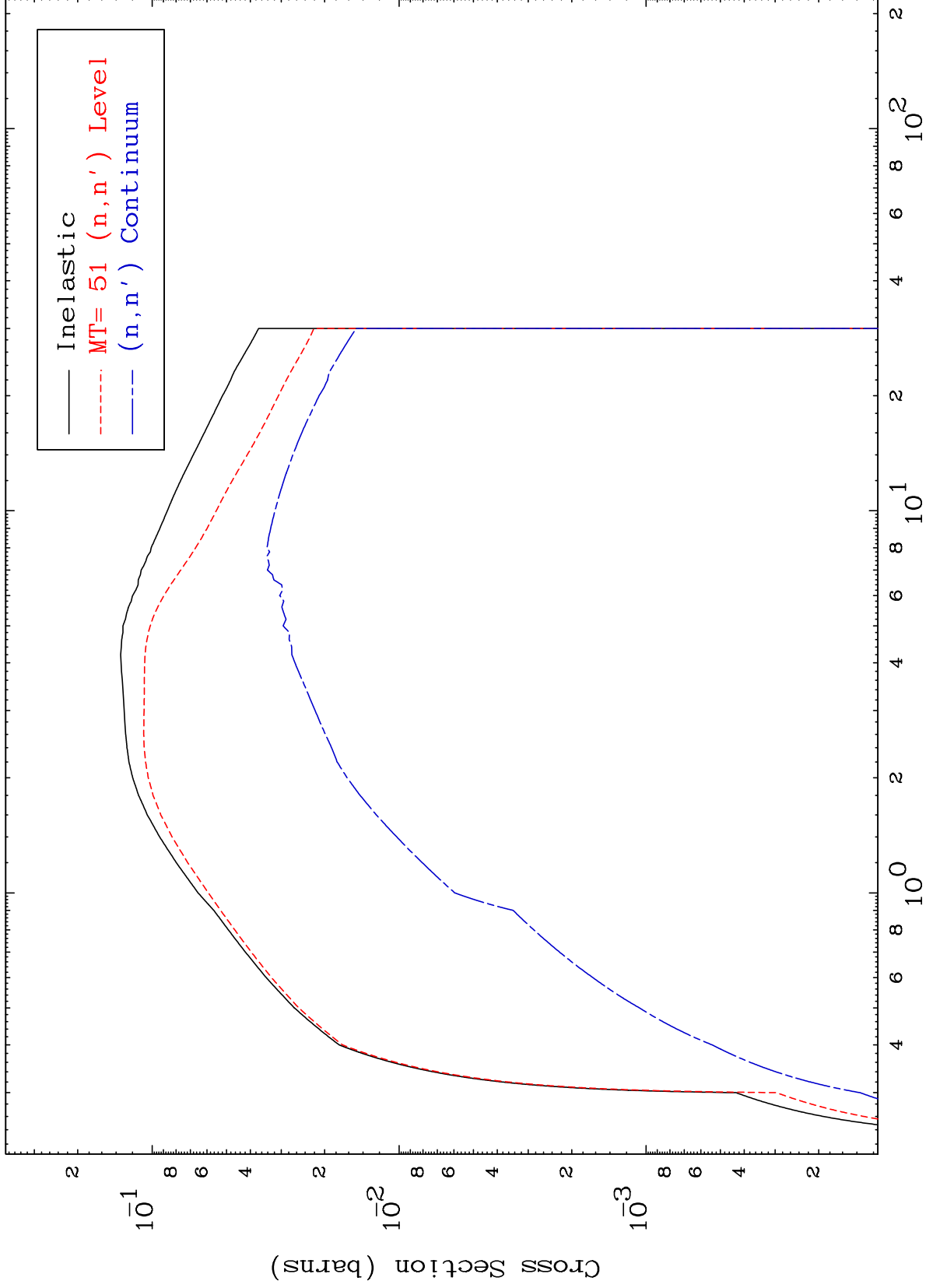


55-Cs-115

MAT 5471

(n,n') Level
293 Kelvin Cross Sections

55-Cs-115



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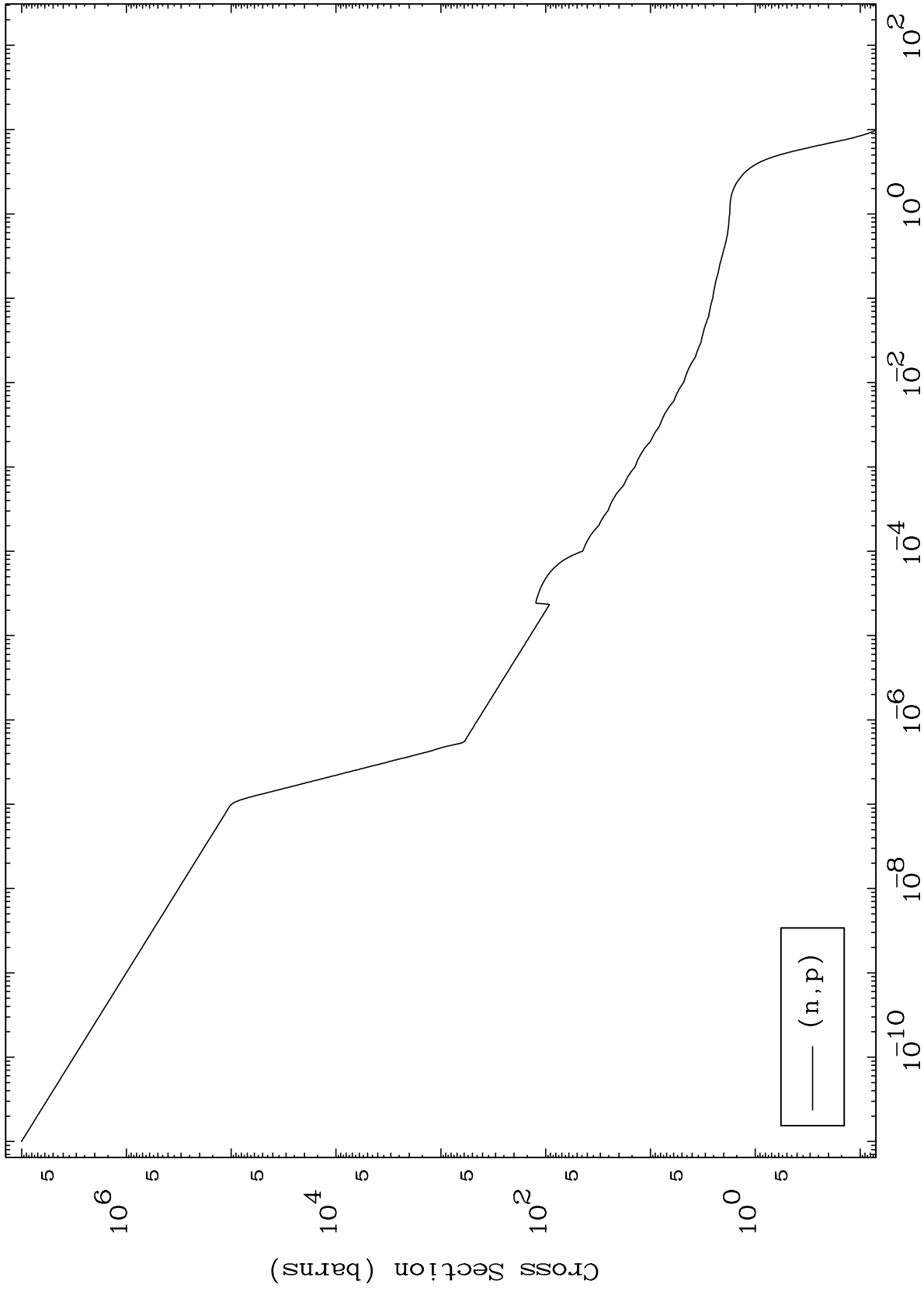
Incident Energy (MeV)

55-Cs-115

MAT 5471

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-115



9

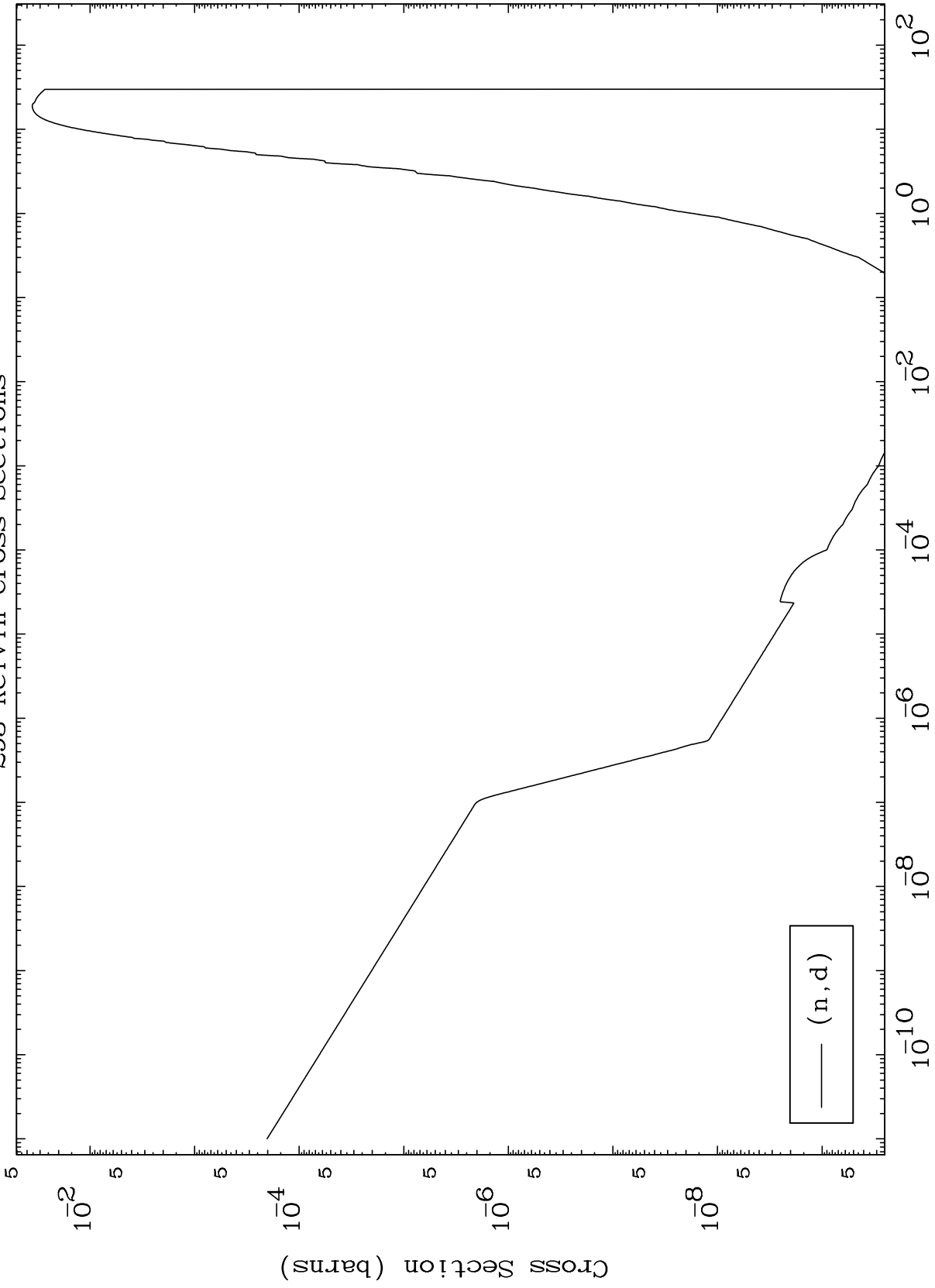
Incident Energy (MeV)

55-Cs-115

MAT 5471

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-115



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Incident Energy (MeV)

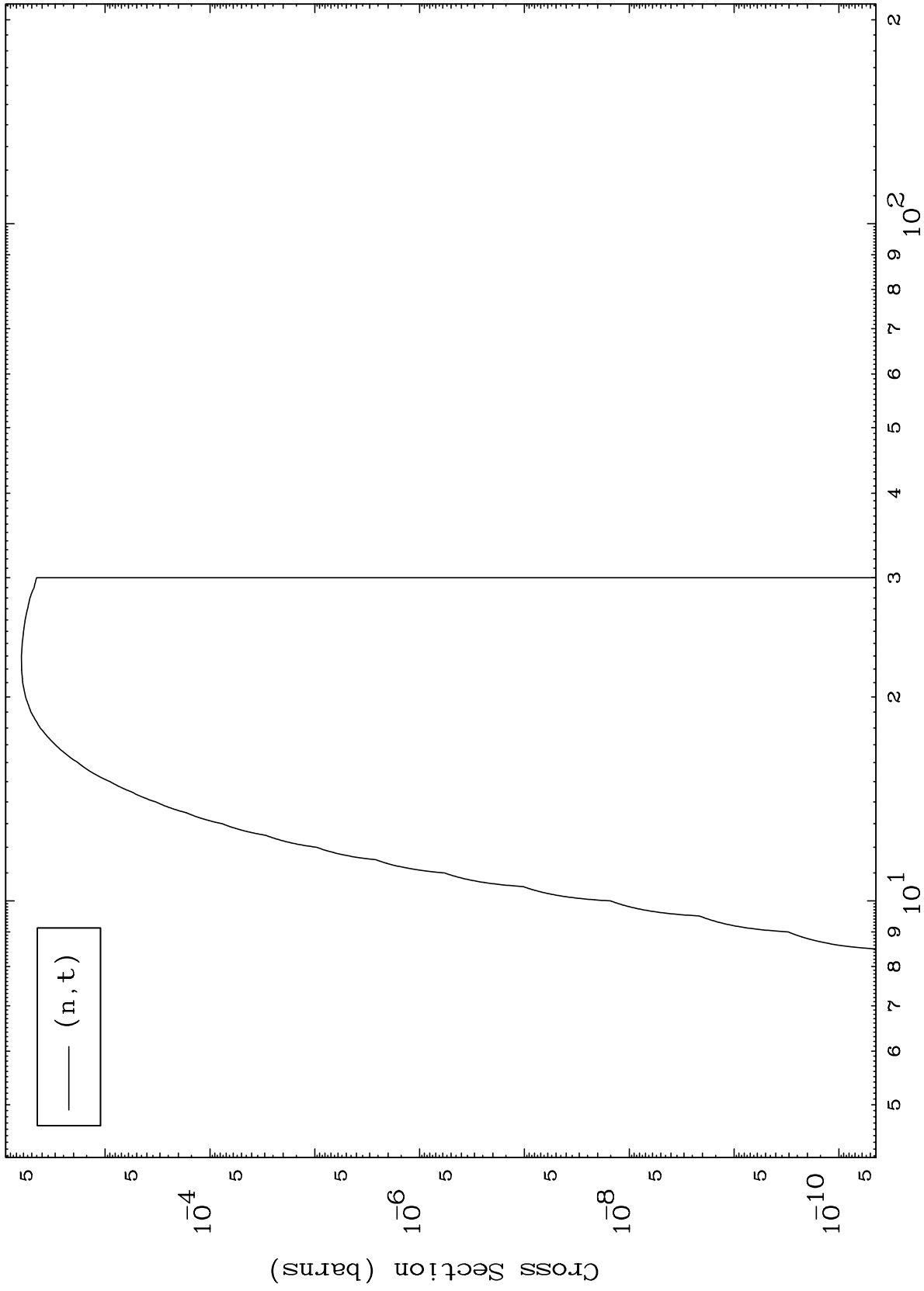
55-Cs-115

(n,d)

MAT 5471

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-115



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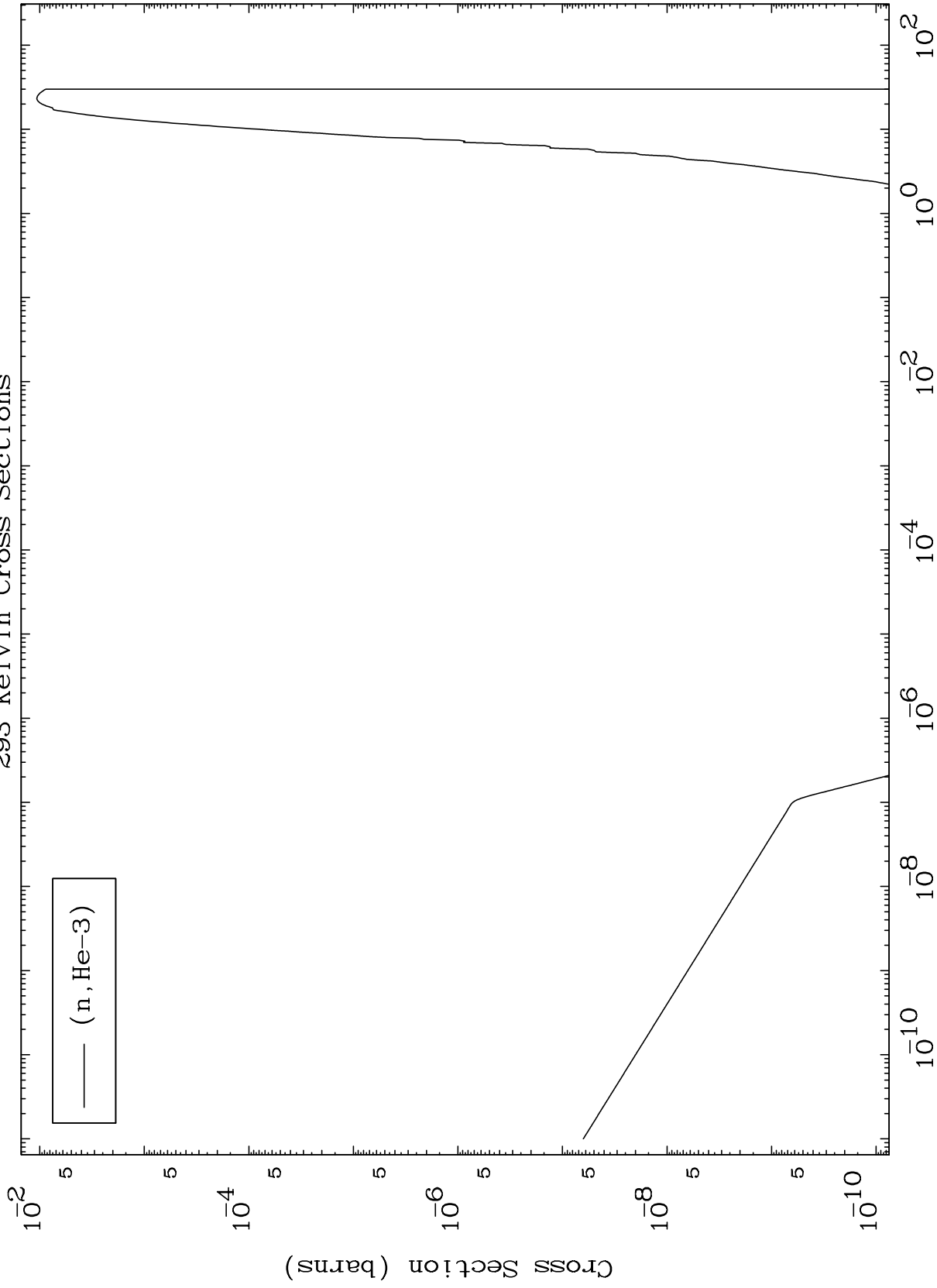
Incident Energy (MeV)

55-Cs-115

MAT 5471

(n,He3) Levels
293 Kelvin Cross Sections

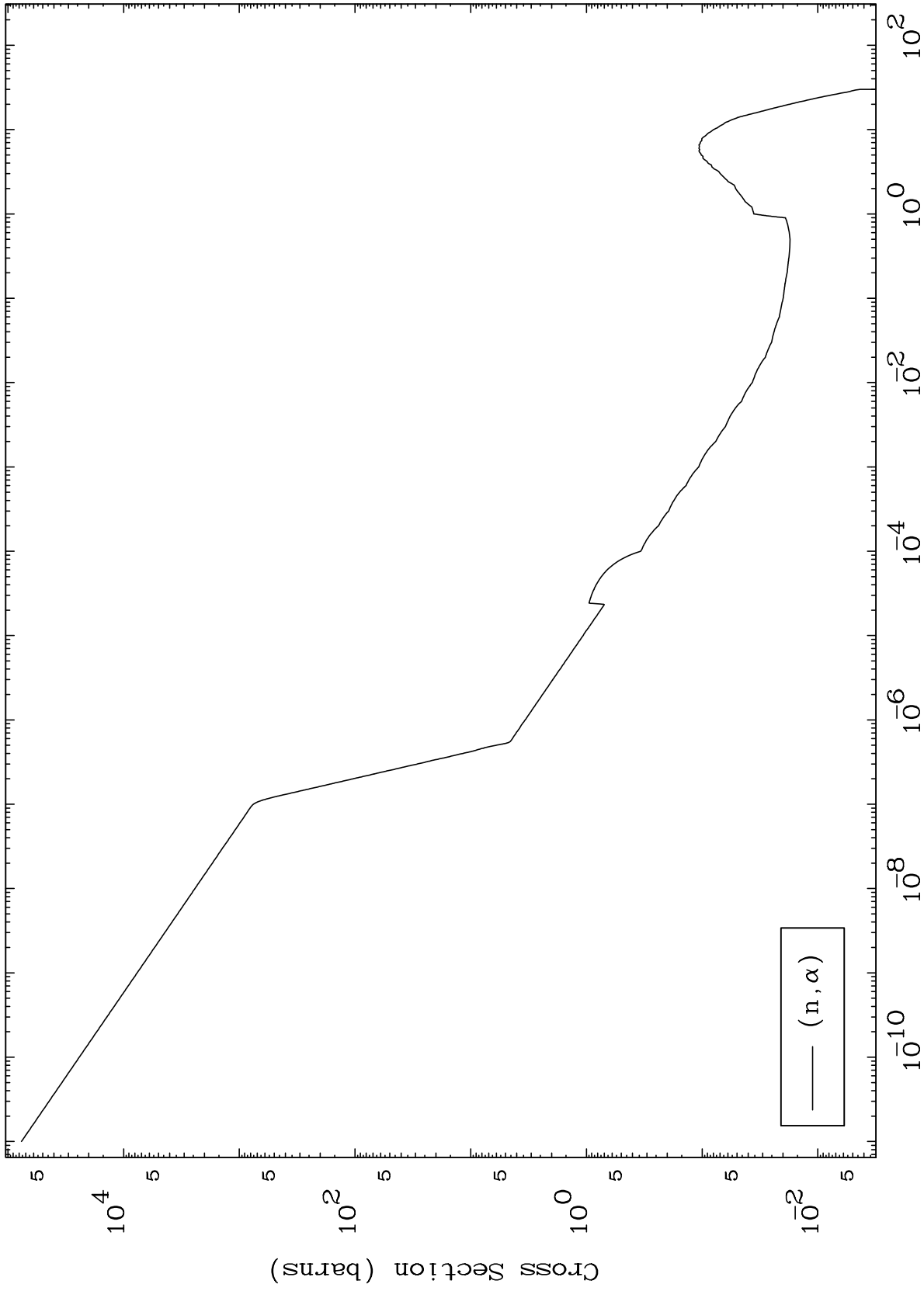
55-Cs-115



MAT 5471

(n, α) Levels
293 Kelvin Cross Sections

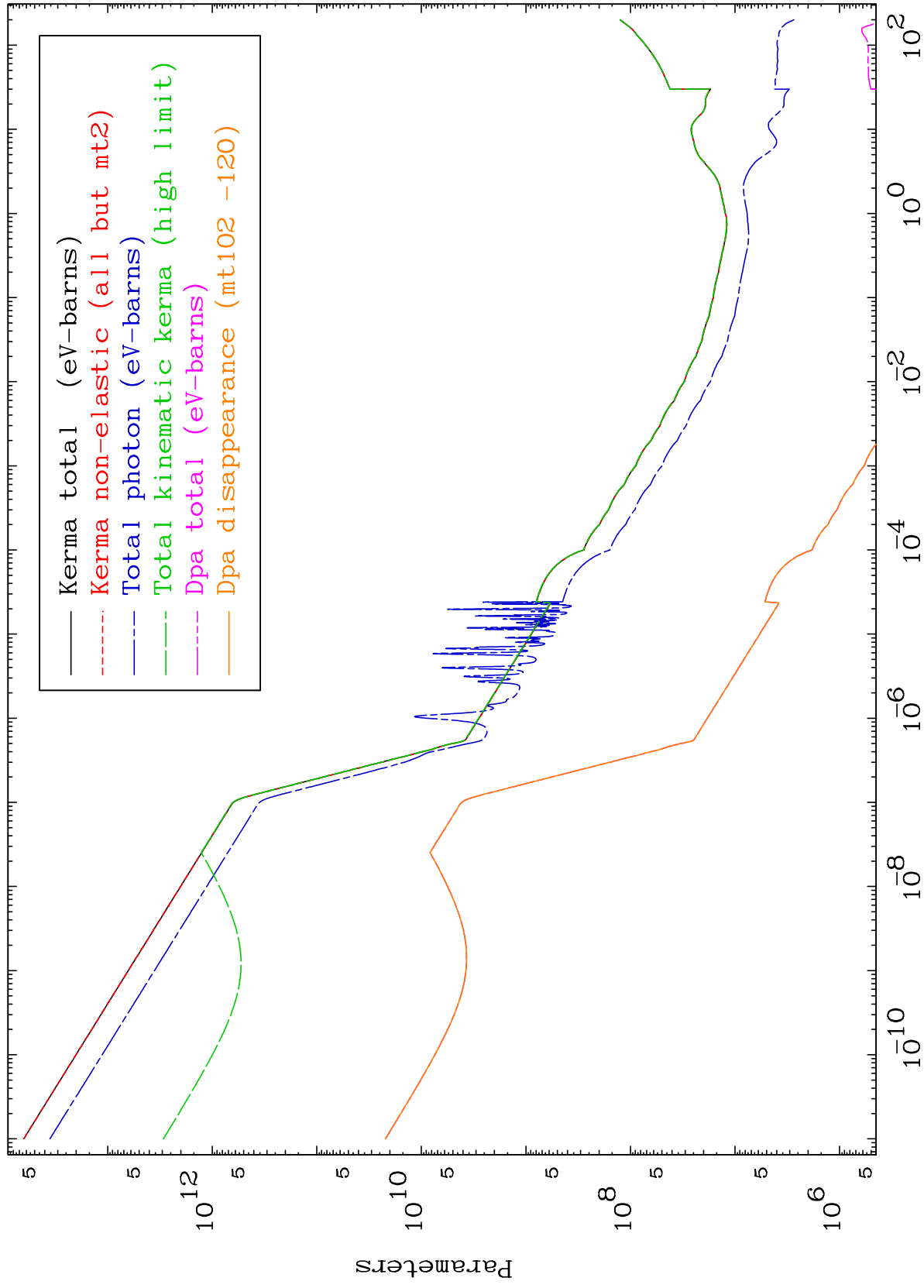
55-Cs-115



13

Incident Energy (MeV)

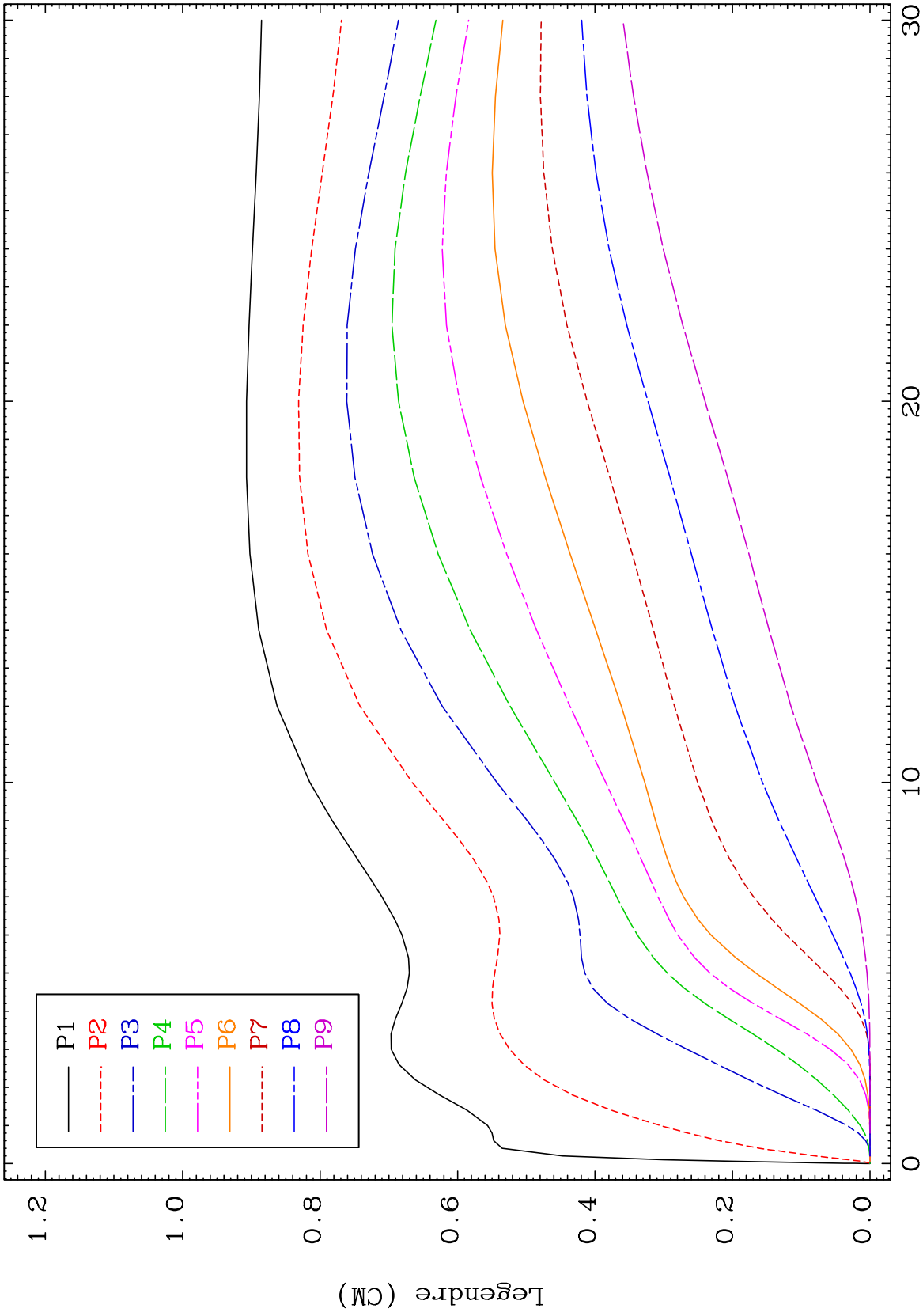
55-Cs-115



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Elastic Legendre Coefficients

55-Cs-115



15

Incident Energy (MeV)

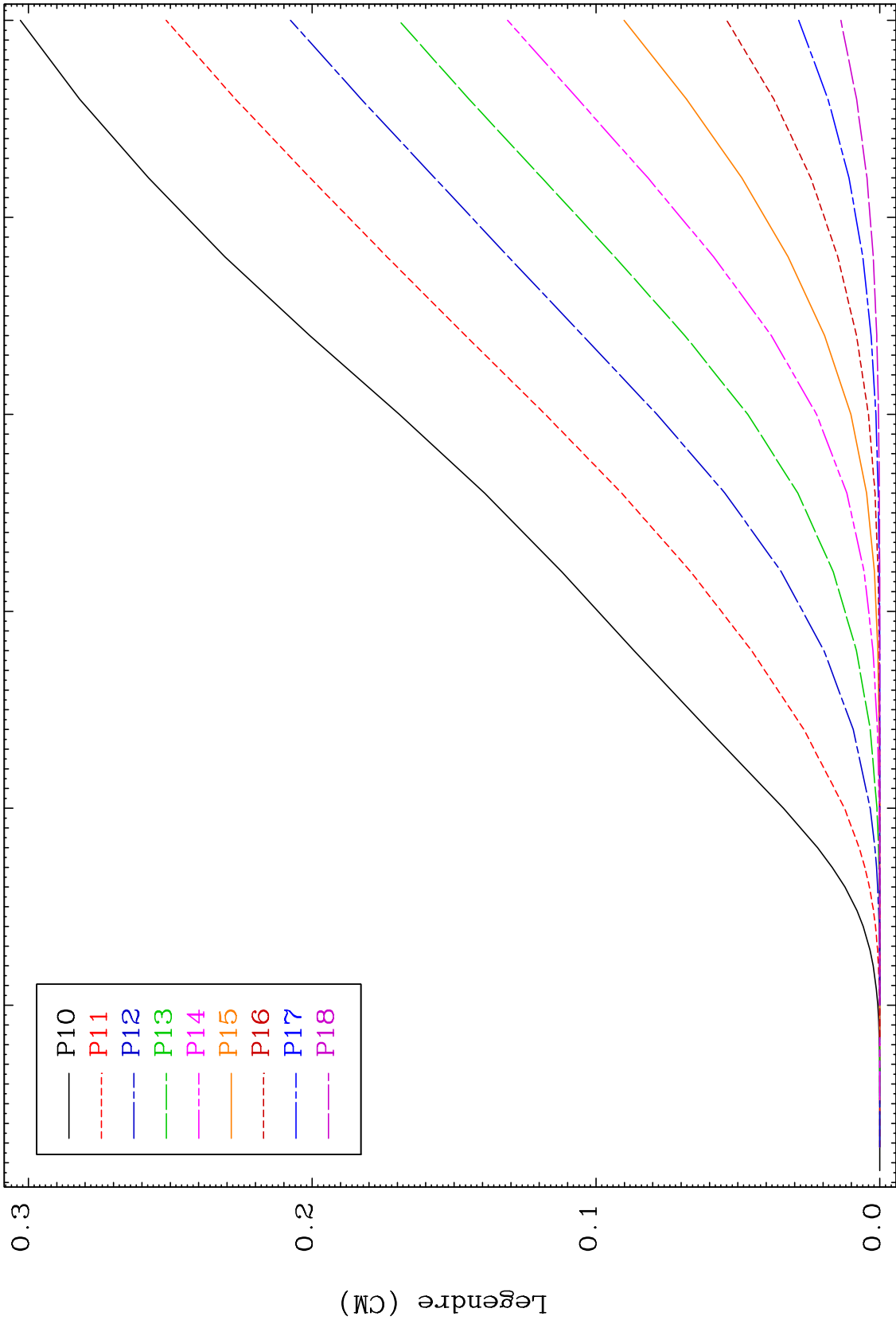
55-Cs-115

30

MAT 5471

Elastic Legendre Coefficients

55-Cs-115



16

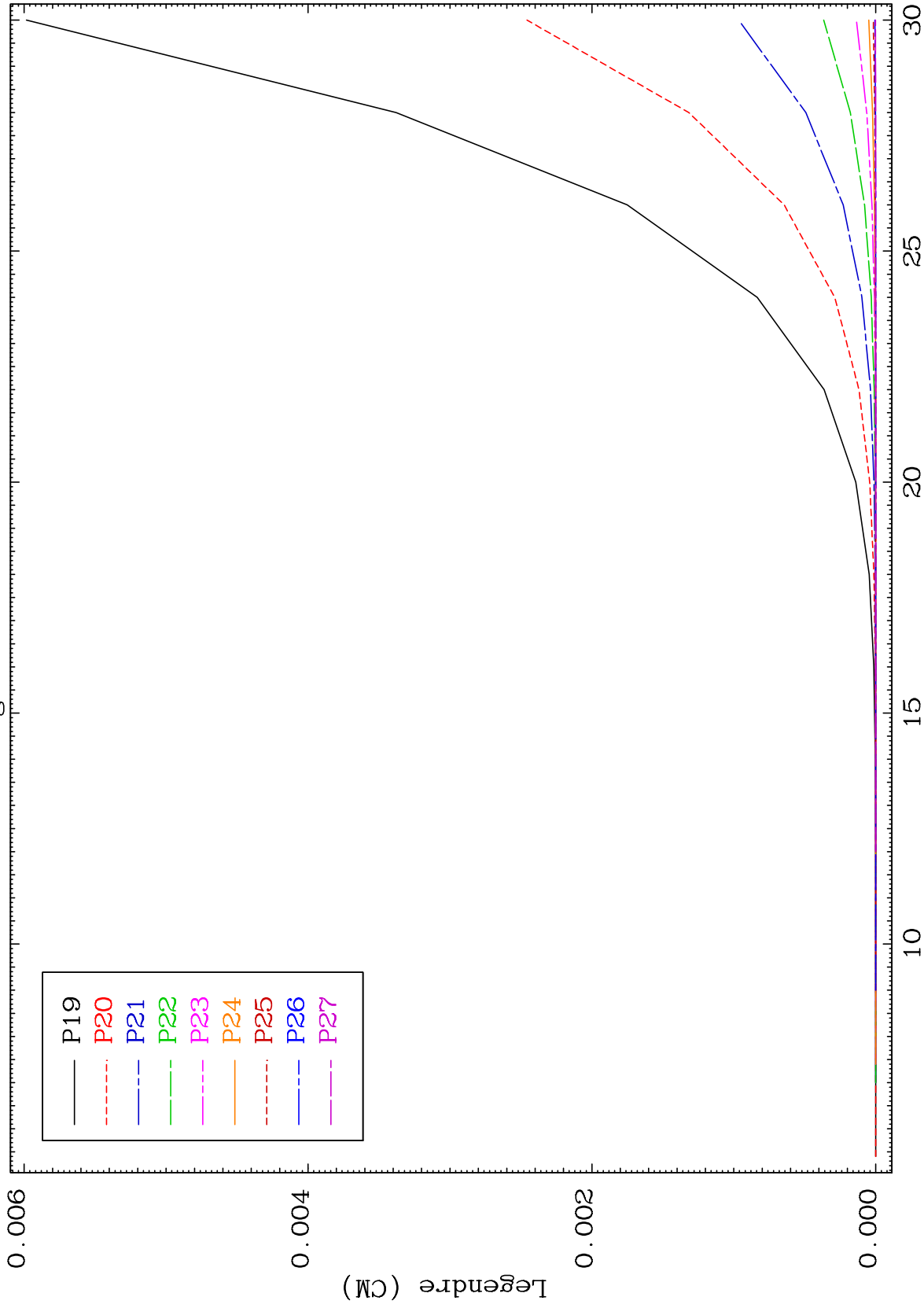
Incident Energy (MeV)

55-Cs-115

MAT 5471

Elastic Legendre Coefficients

55-Cs-115



17

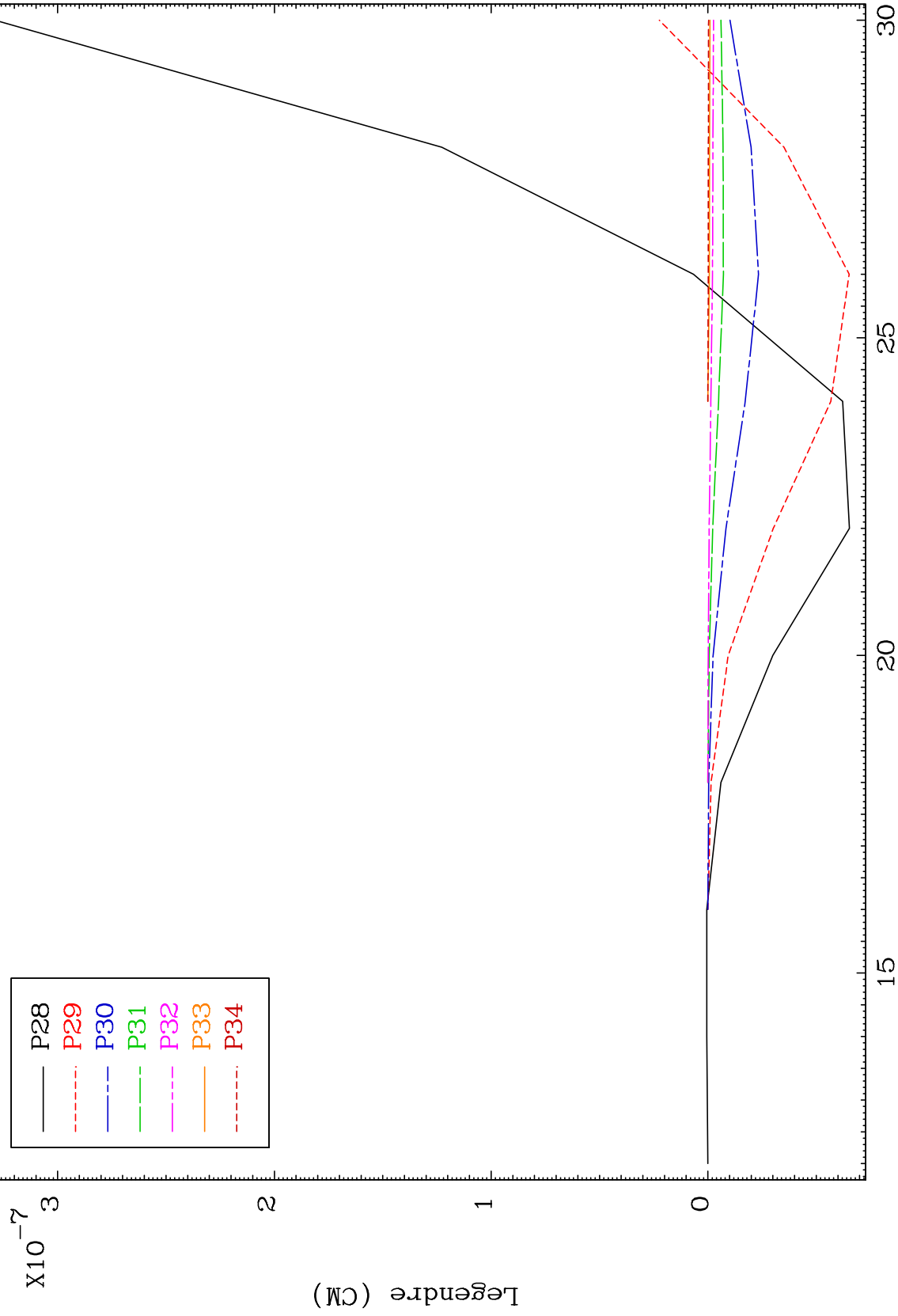
Incident Energy (MeV)

55-Cs-115

MAT 5471

Elastic
Legendre Coefficients

55-Cs-115



18

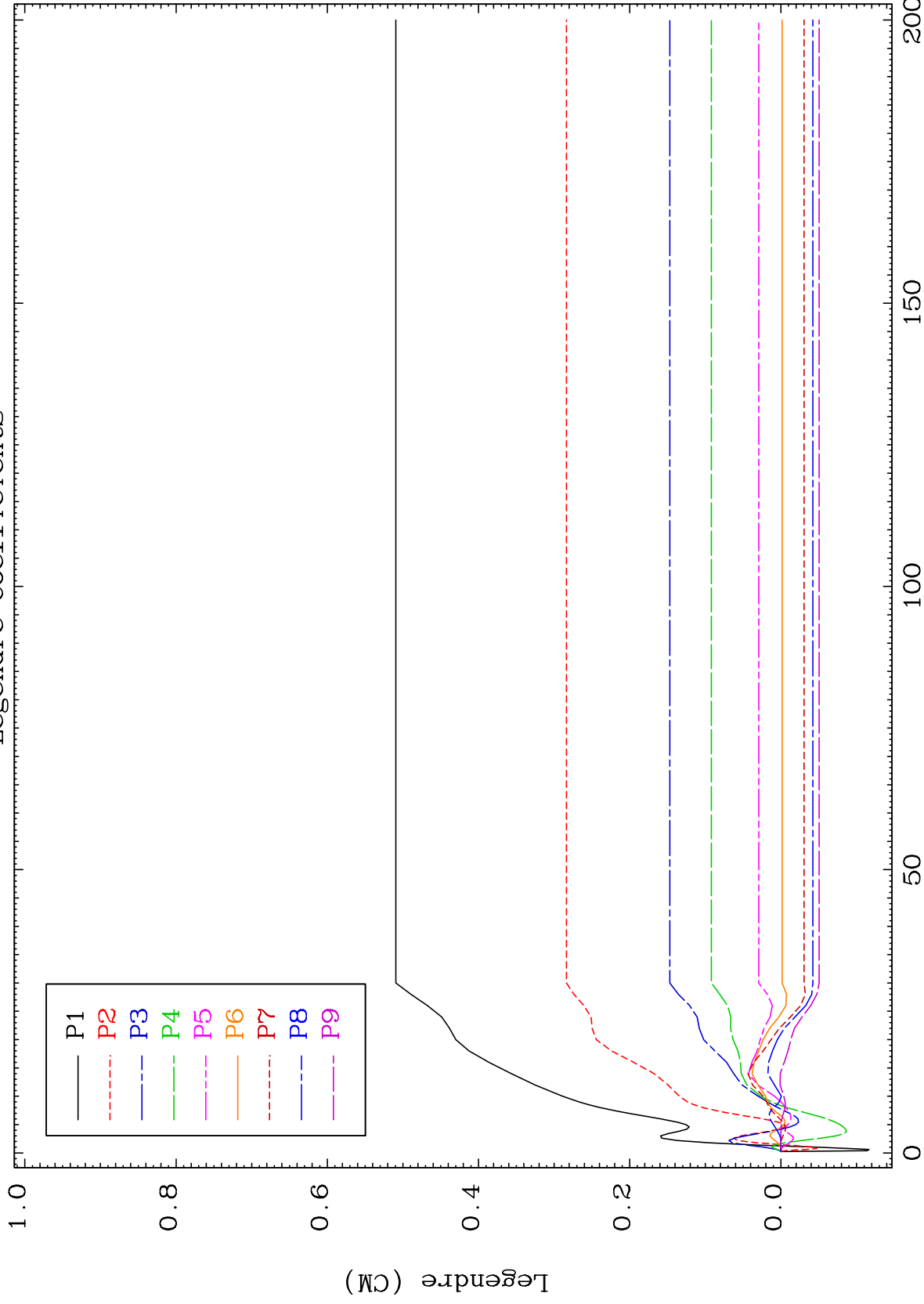
Incident Energy (MeV)

55-Cs-115

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

55-Cs-115



19

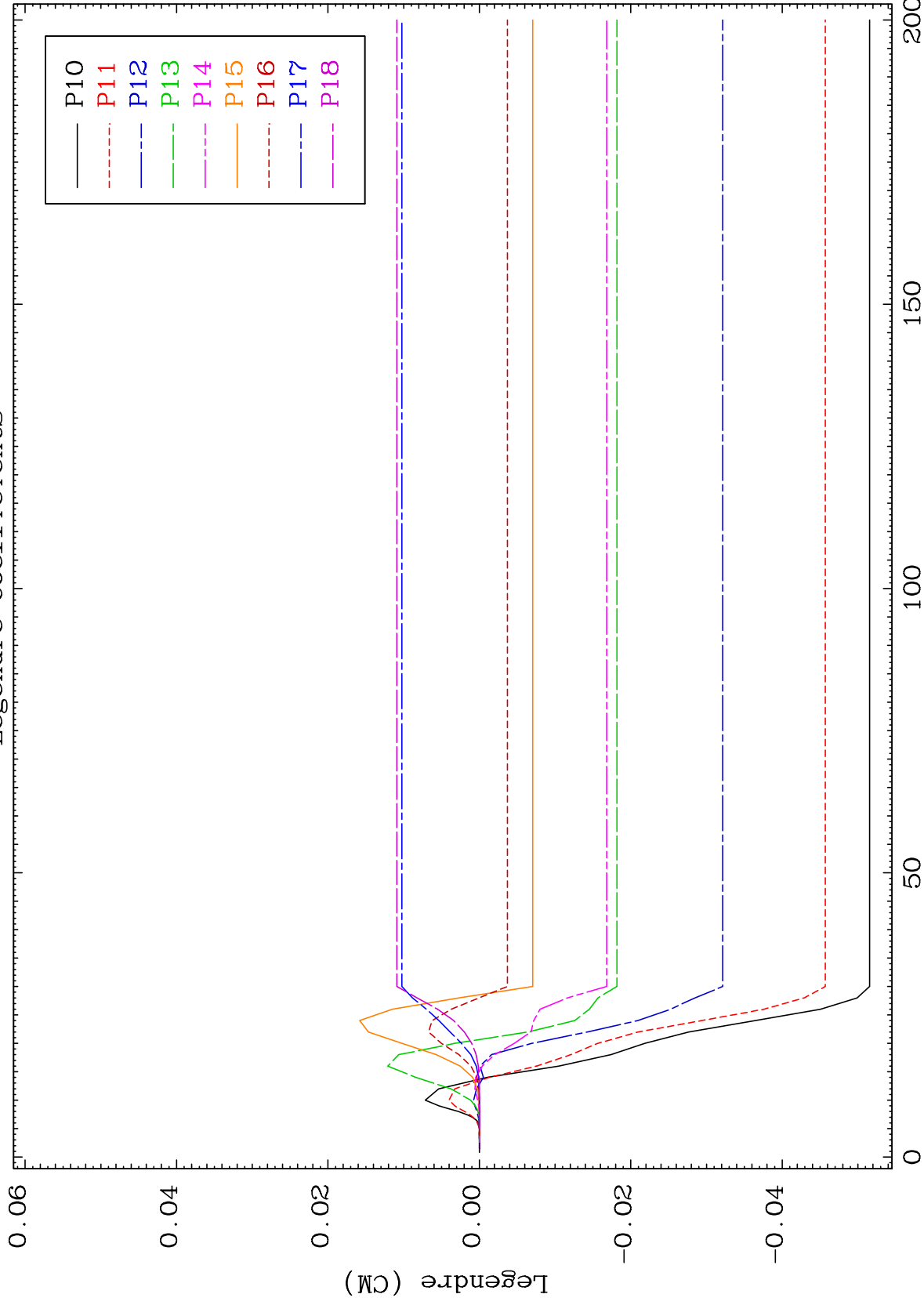
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

55-Cs-115



0

50

100

150

200

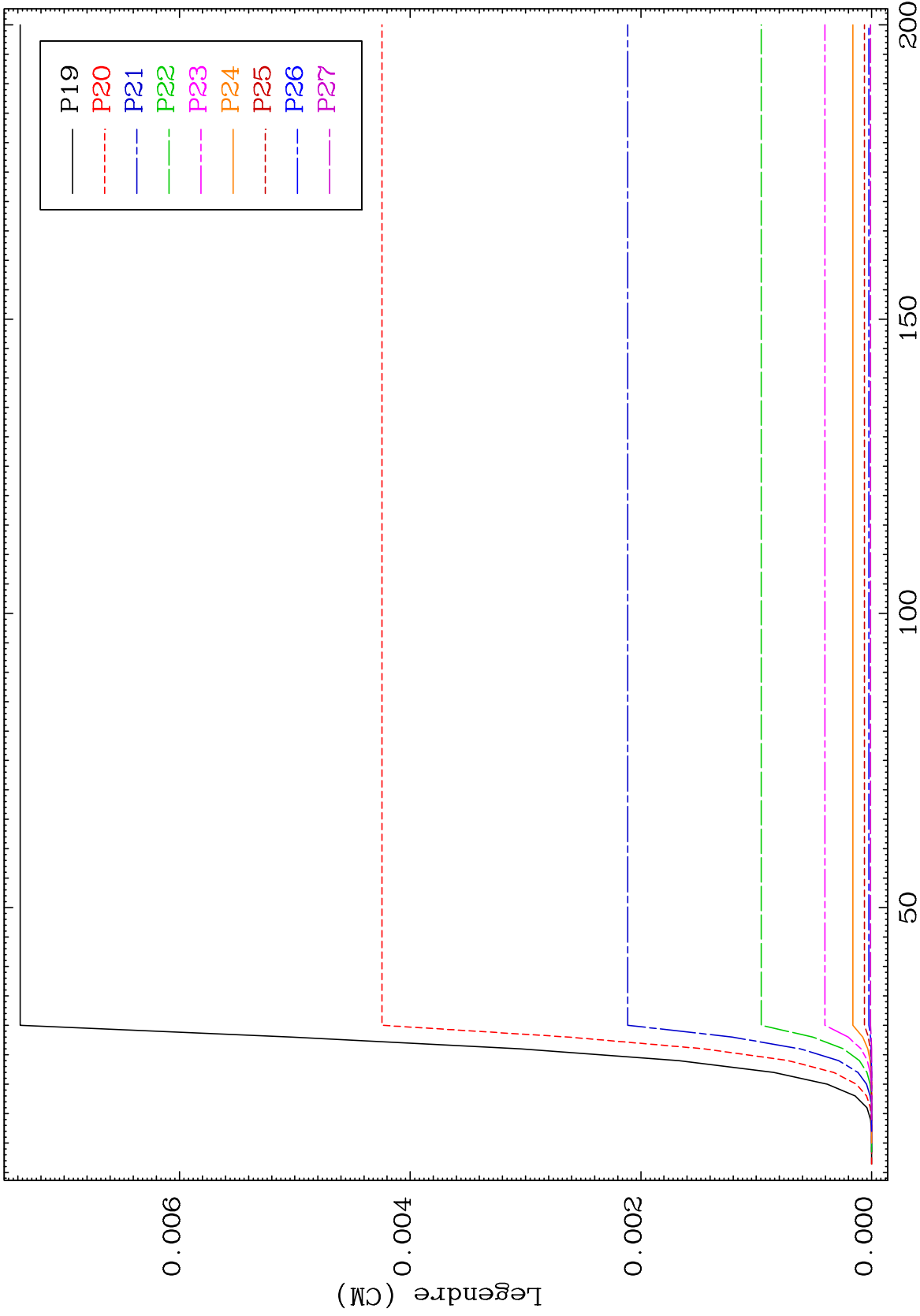
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

55-Cs-115



21

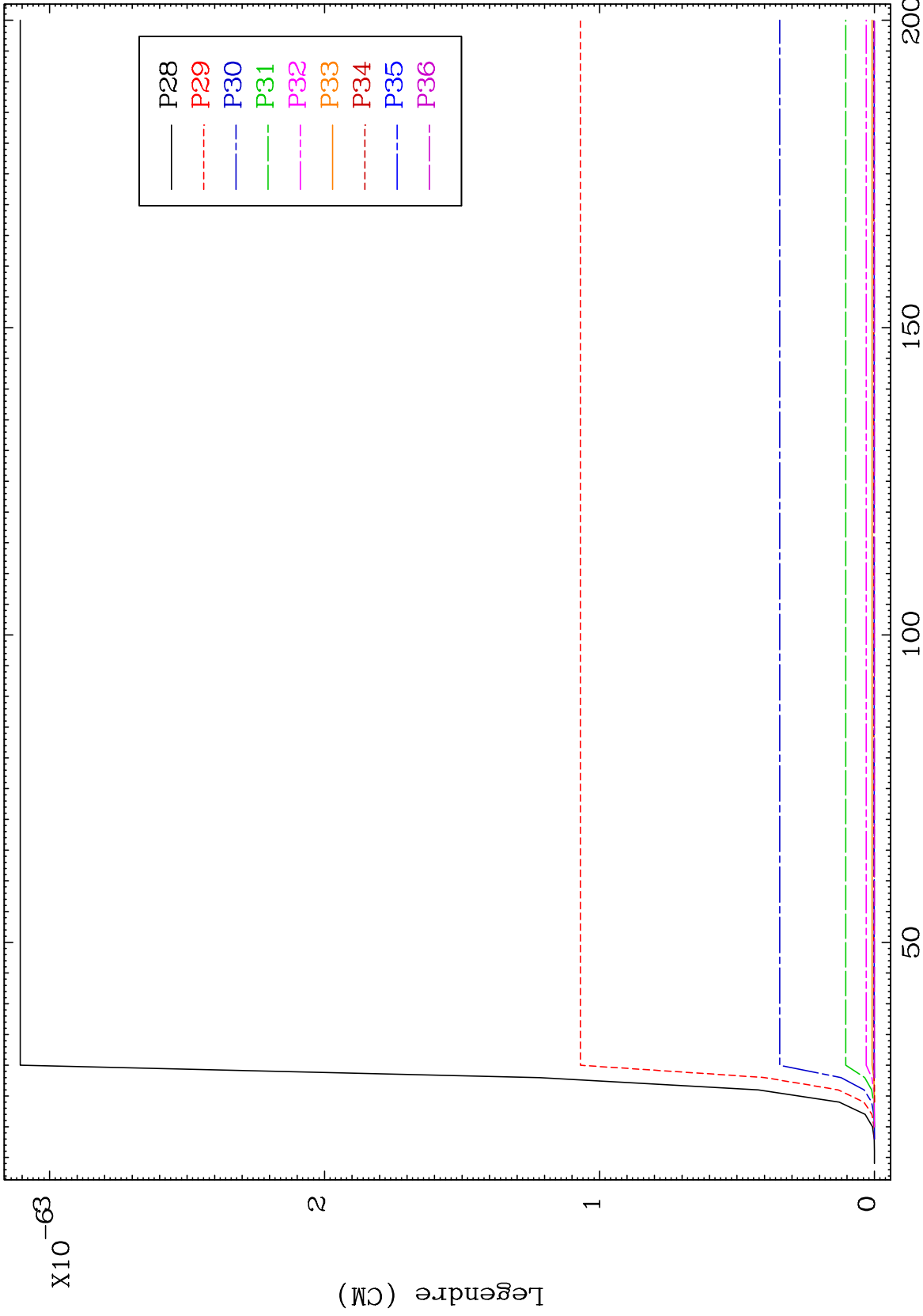
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

55-Cs-115



22

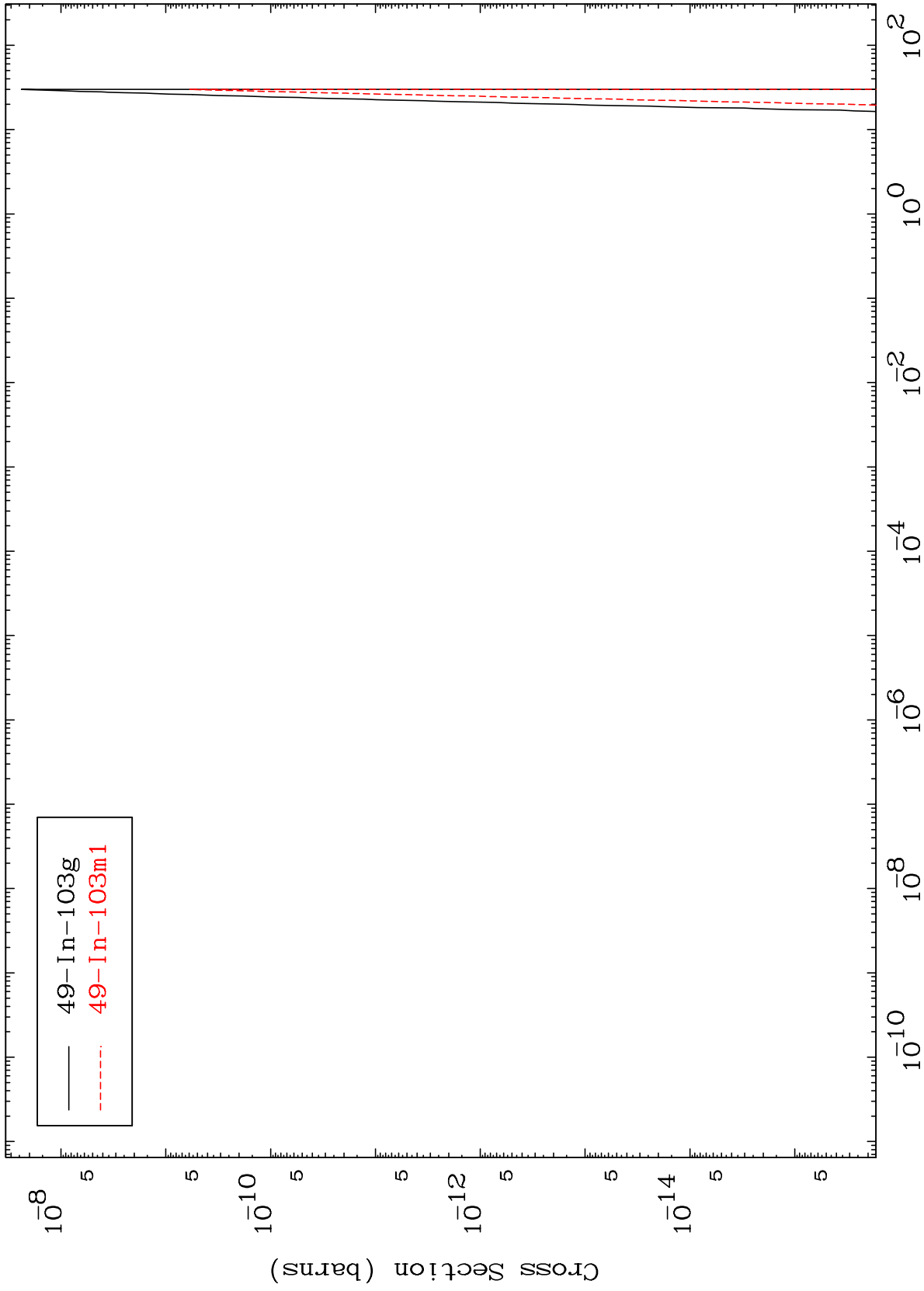
55-Cs-115

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(n,n') 3 α

55-Cs-115

Radionuclide Production Cross Section



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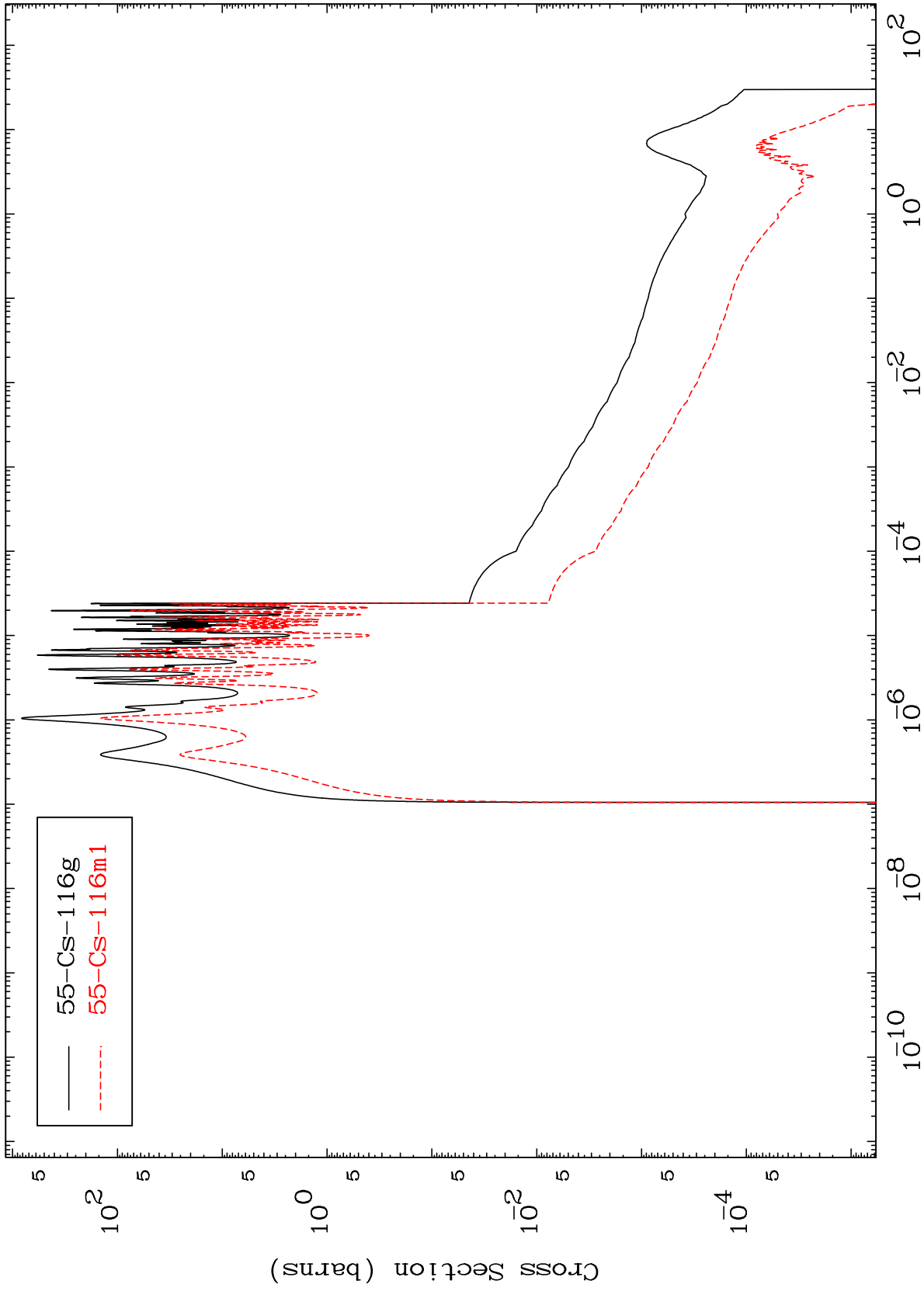
Incident Energy (MeV)

55-Cs-115

MAT 5471

55-Cs-115

Radionuclide Production Cross Section (n,γ)



24

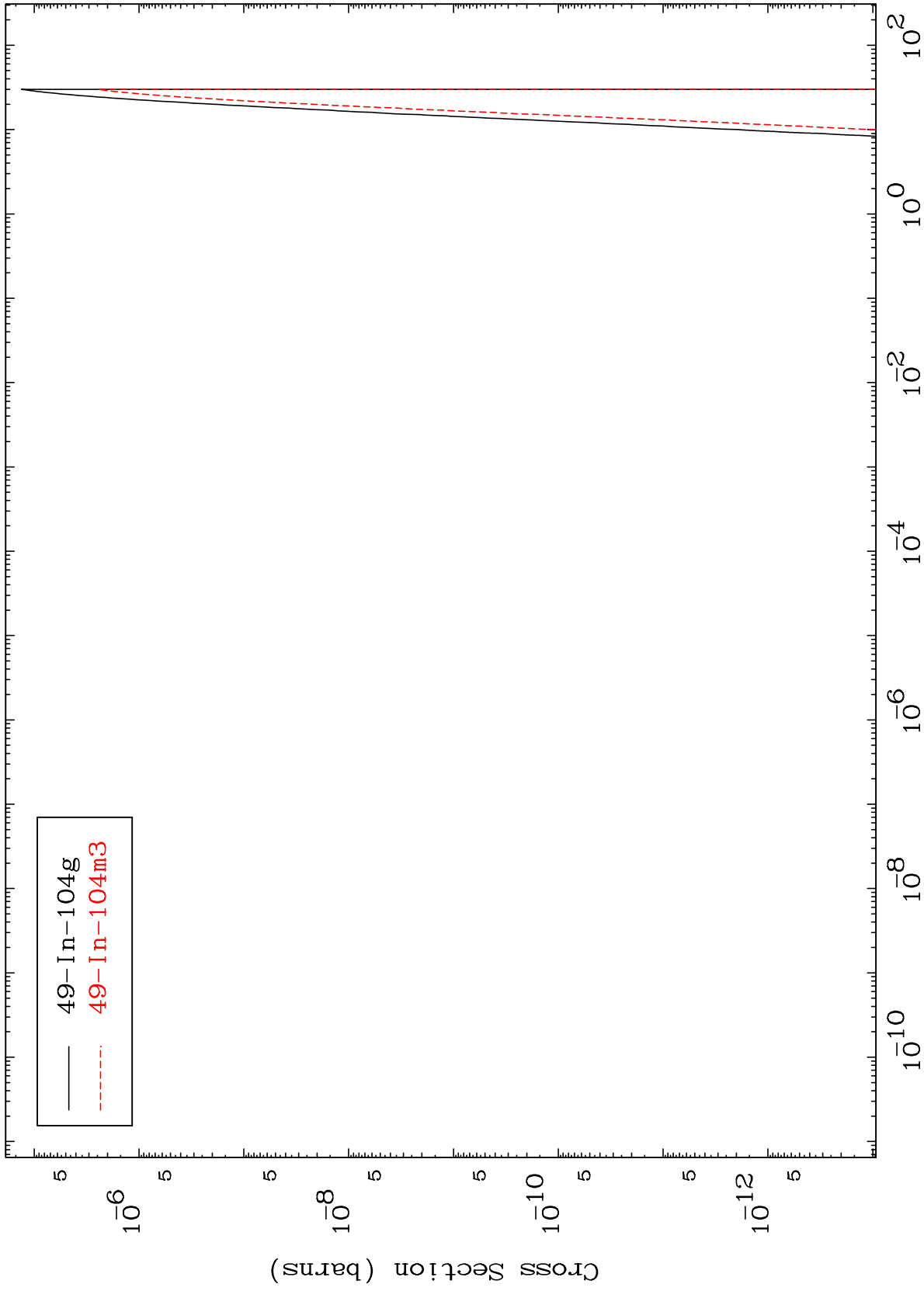
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(n,3α)

55-Cs-115

Radionuclide Production Cross Section



MAT 5471

Radionuclide Production Cross Section
(n,2p)

55-Cs-115

