

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

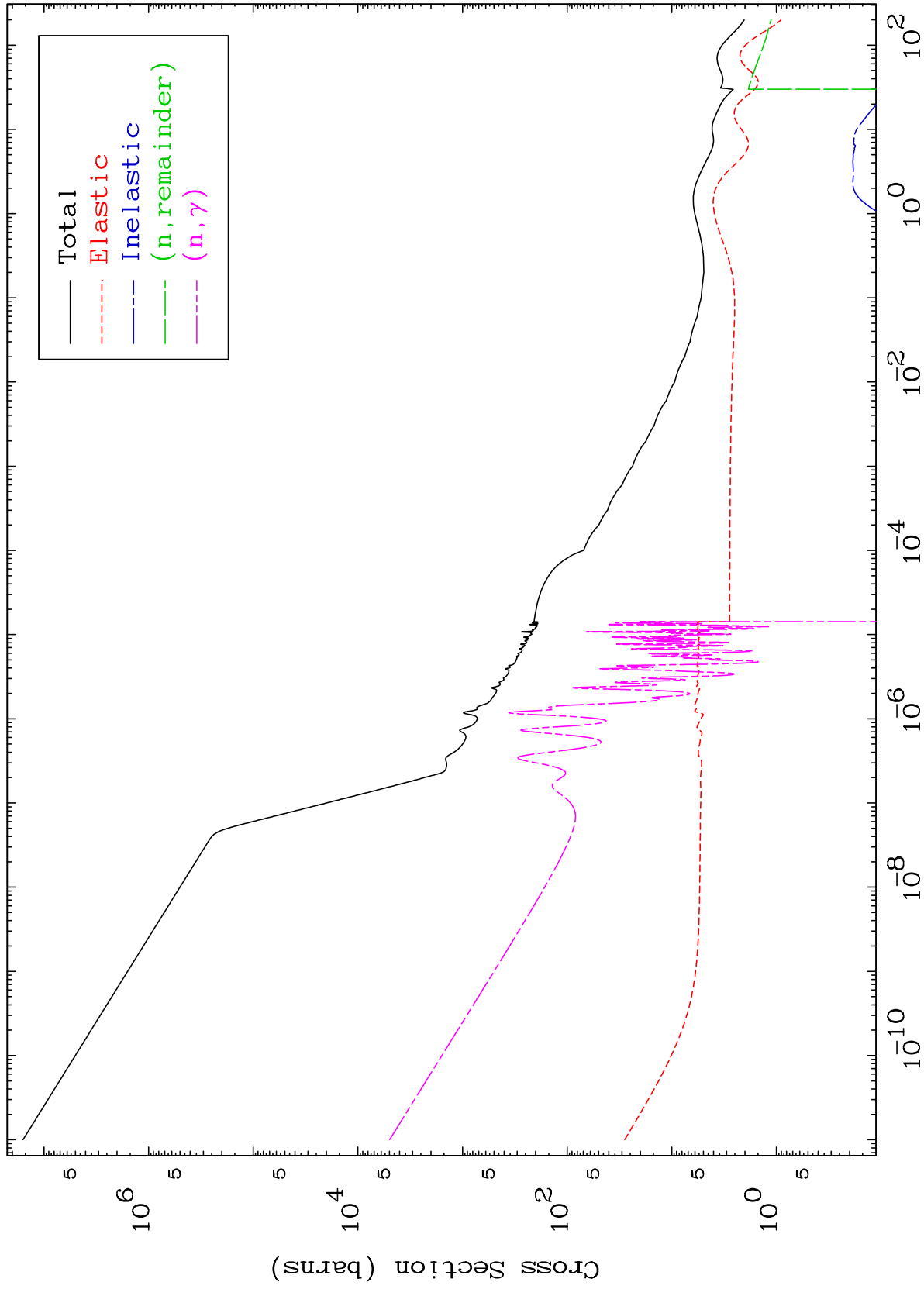
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5780

Major
293 Kelvin Cross Sections

58-Ce-121



1

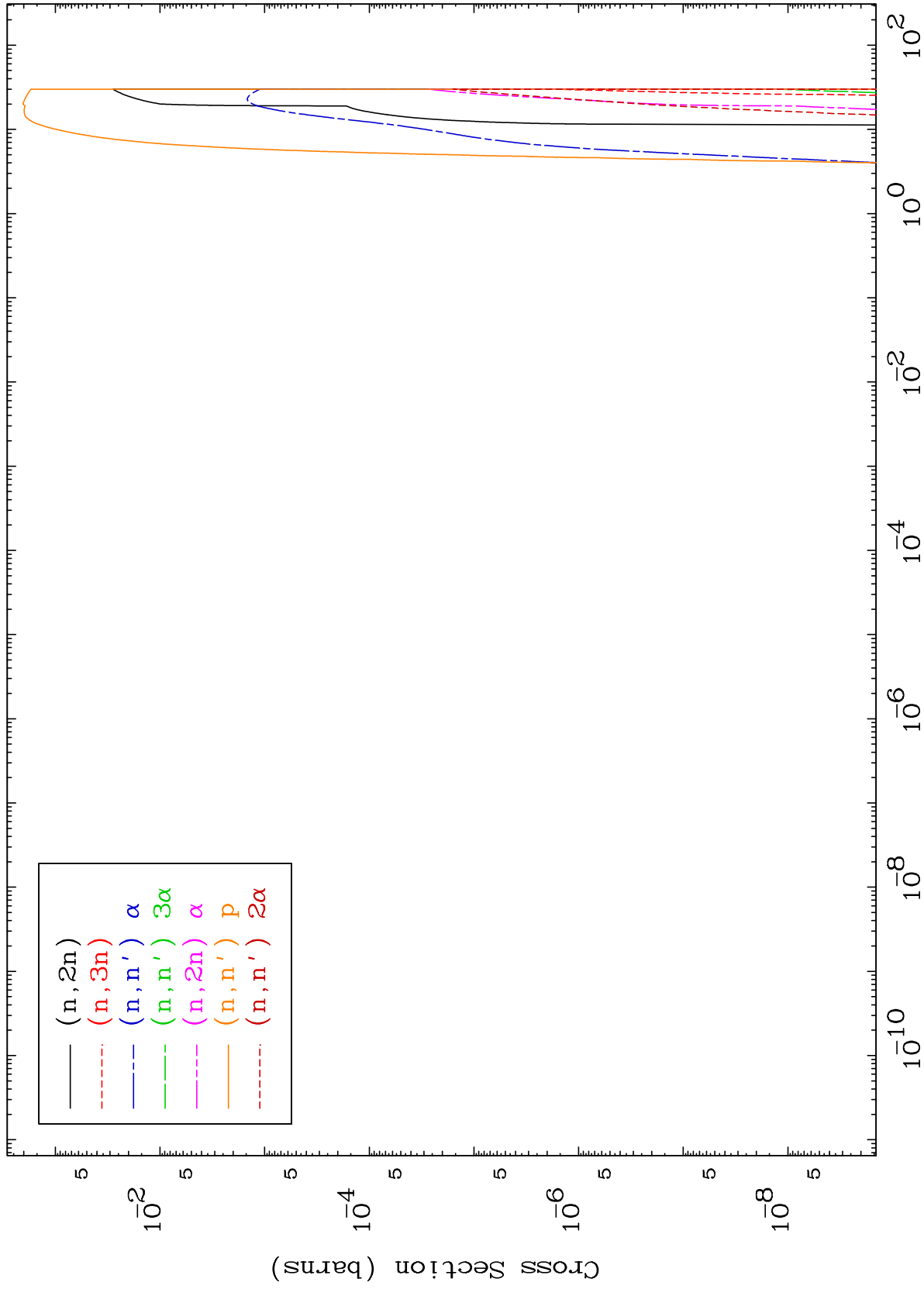
Incident Energy (MeV)

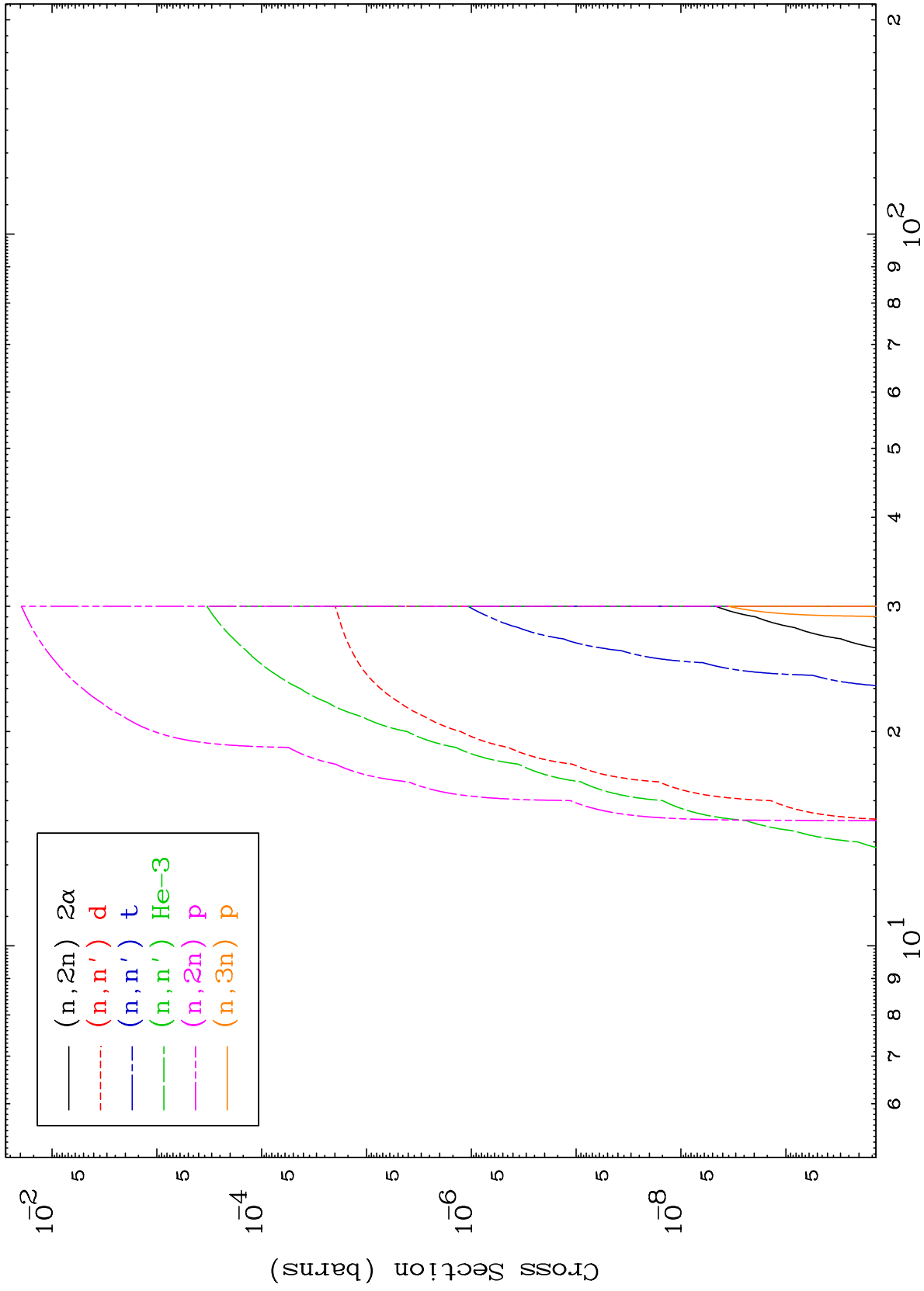
58-Ce-121

MAT 5780

Neutron Production
293 Kelvin Cross Sections

58-Ce-121

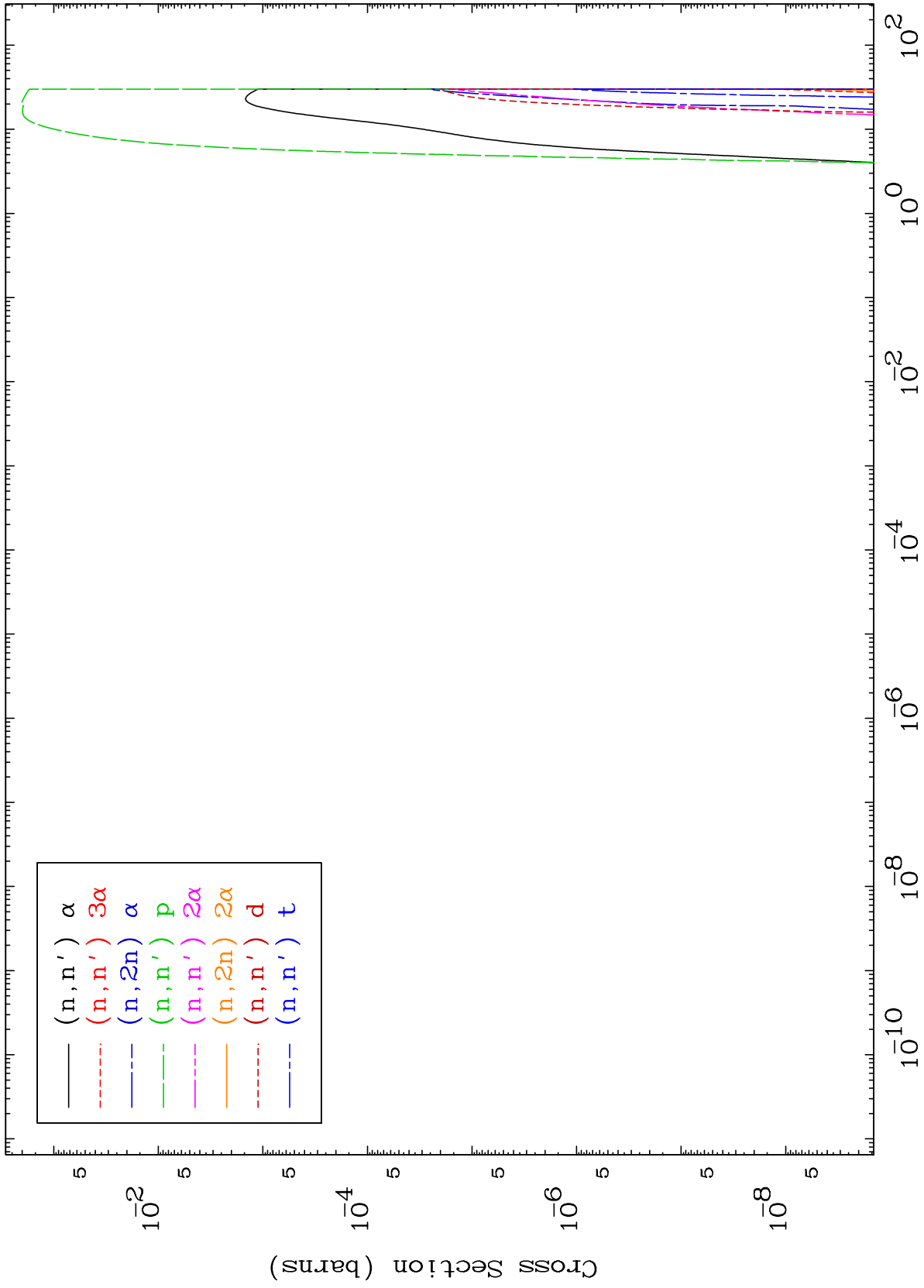




MAT 5780

293 Charged Particle
Kelvin Cross Sections

58-Ce-121

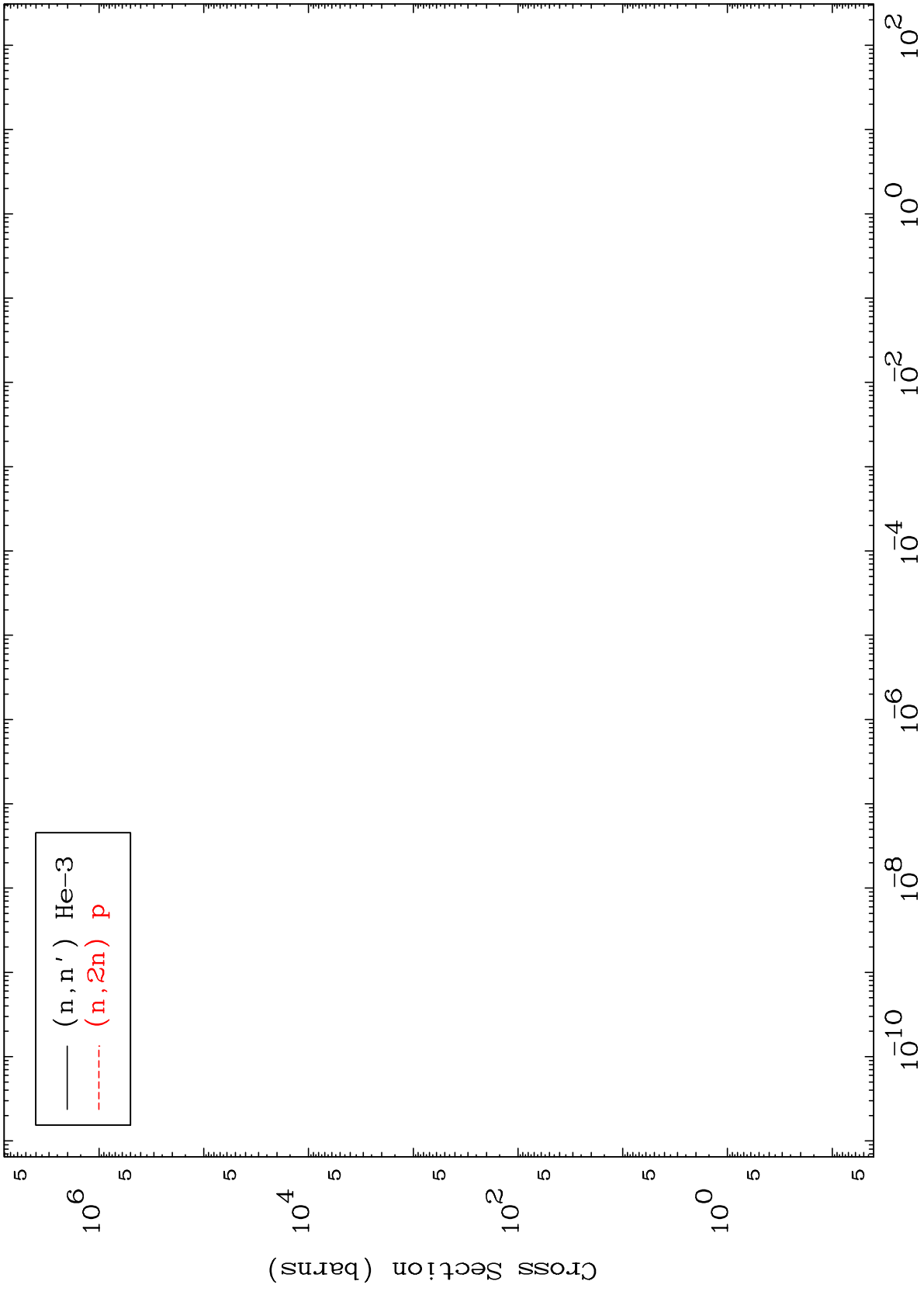


58-Ce-121

MAT 5780

Charged Particle
293 Kelvin Cross Sections

58-Ce-121



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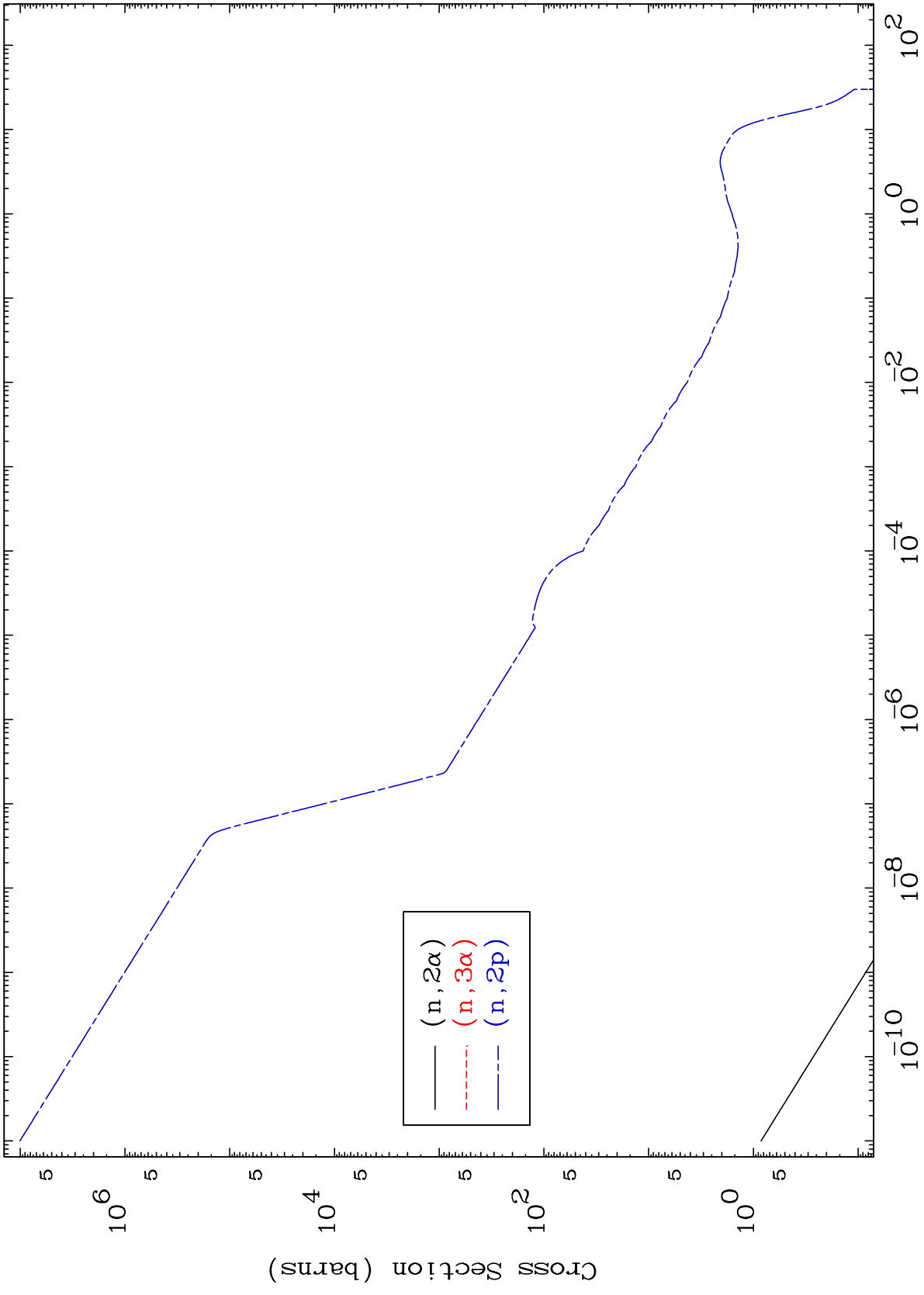
Incident Energy (MeV)

58-Ce-121

MAT 5780

Charged Particle
293 Kelvin Cross Sections

58-Ce-121

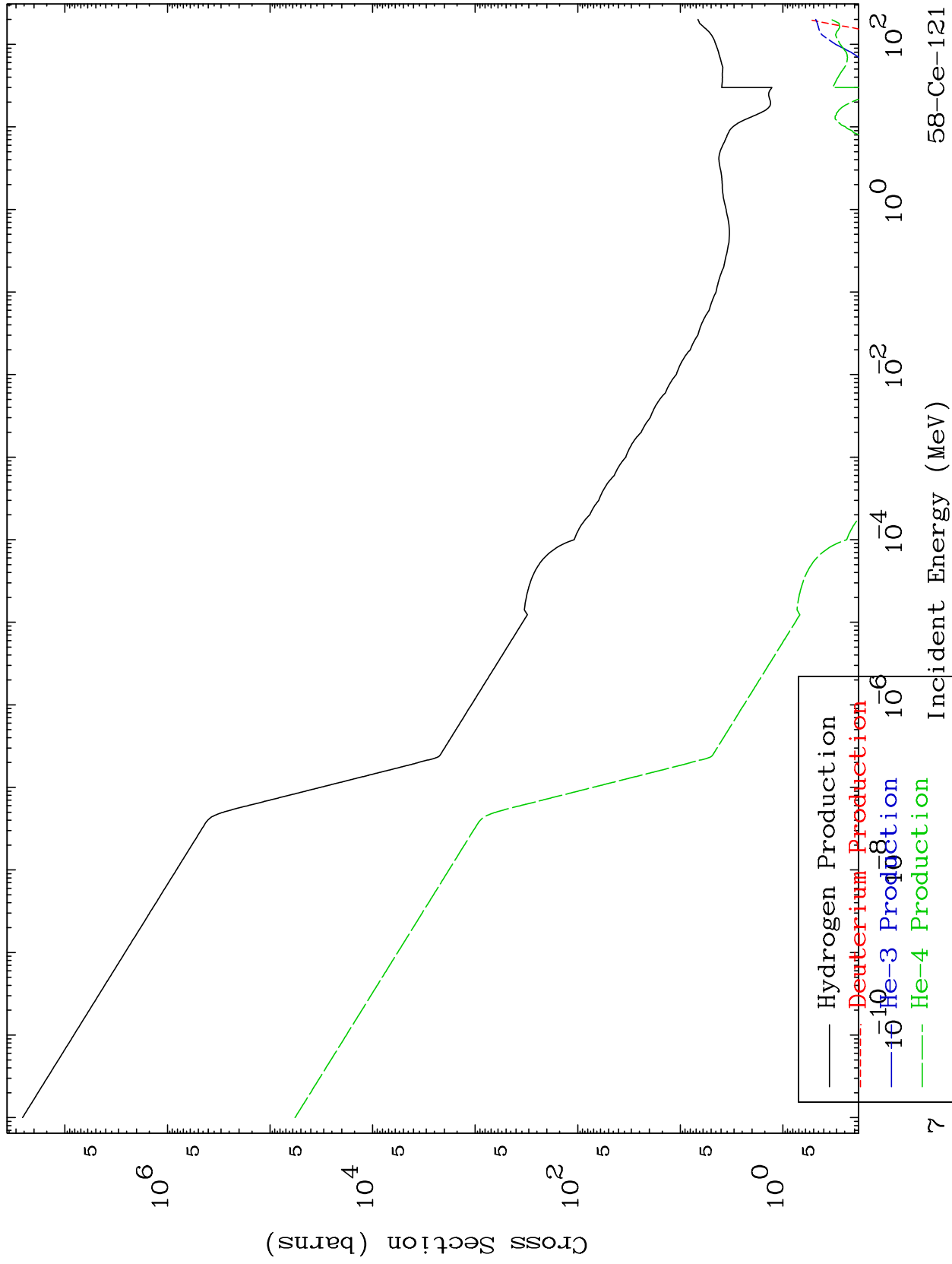


58-Ce-121

MAT 5780

Particle Production
293 Kelvin Cross Sections

58-Ce-121



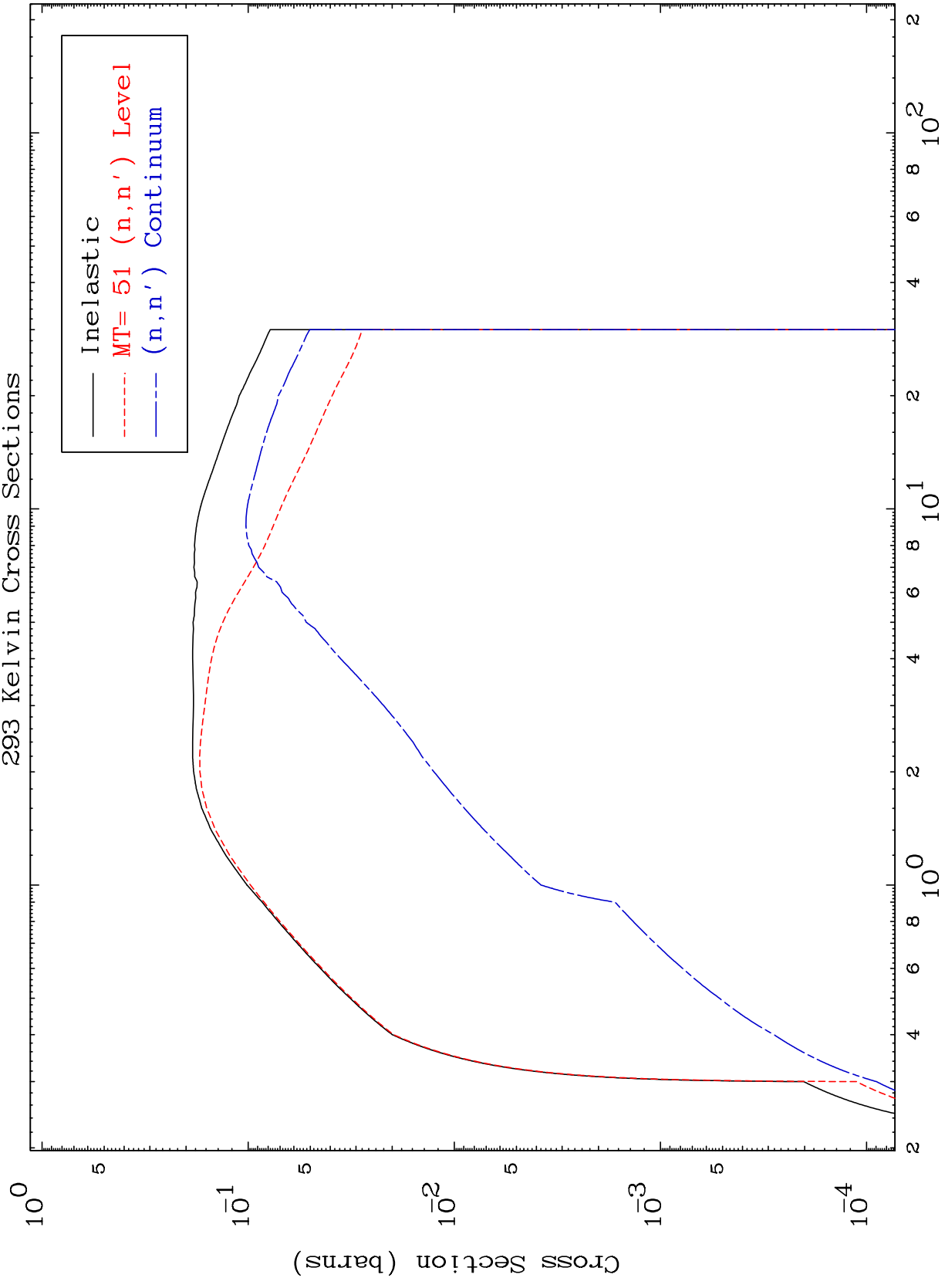
Incident Energy (MeV)

58-Ce-121

MAT 5780

293 Kelvin Cross Sections

58-Ce-121



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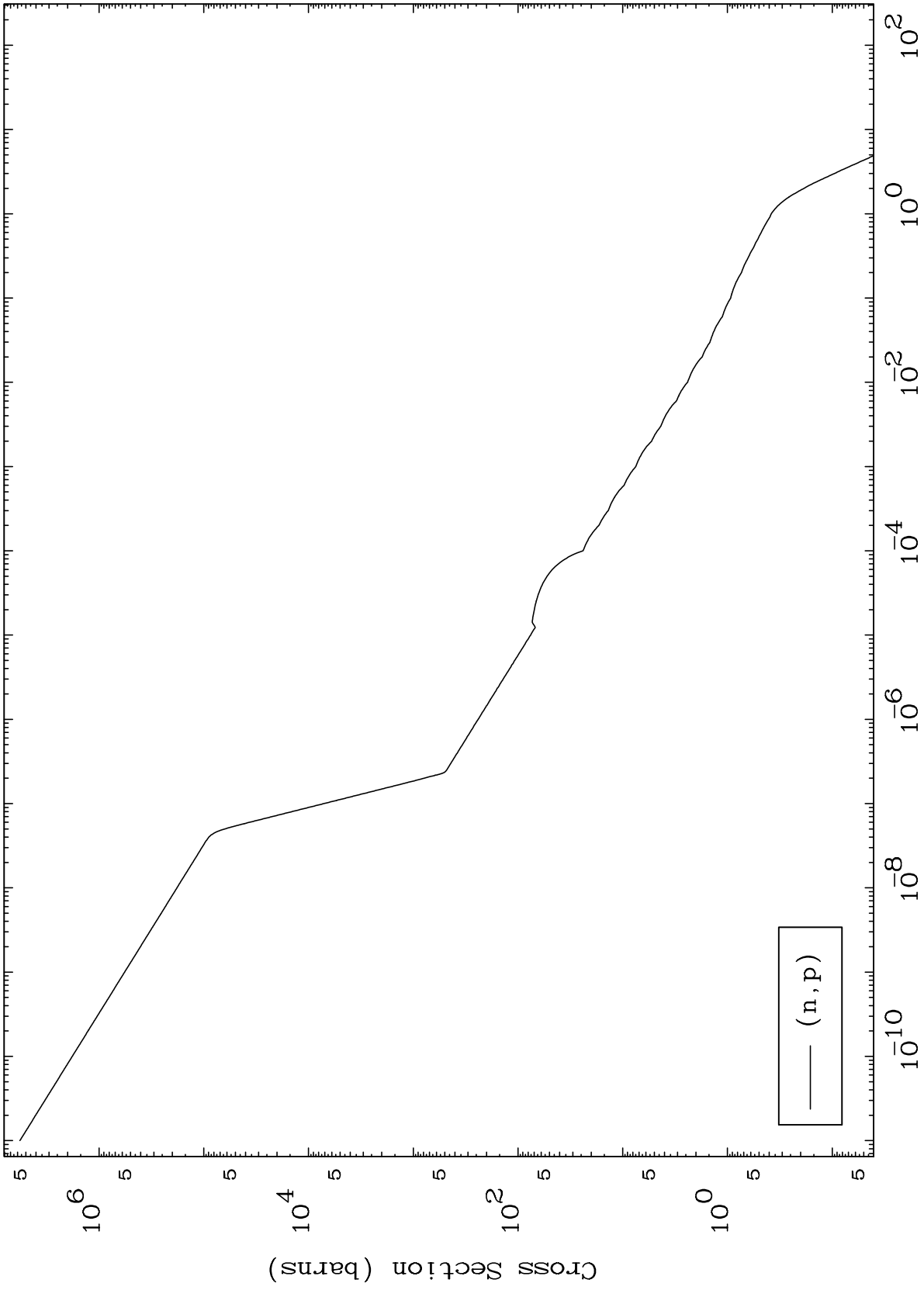
Incident Energy (MeV)

58-Ce-121

MAT 5780

(n,p) Levels
293 Kelvin Cross Sections

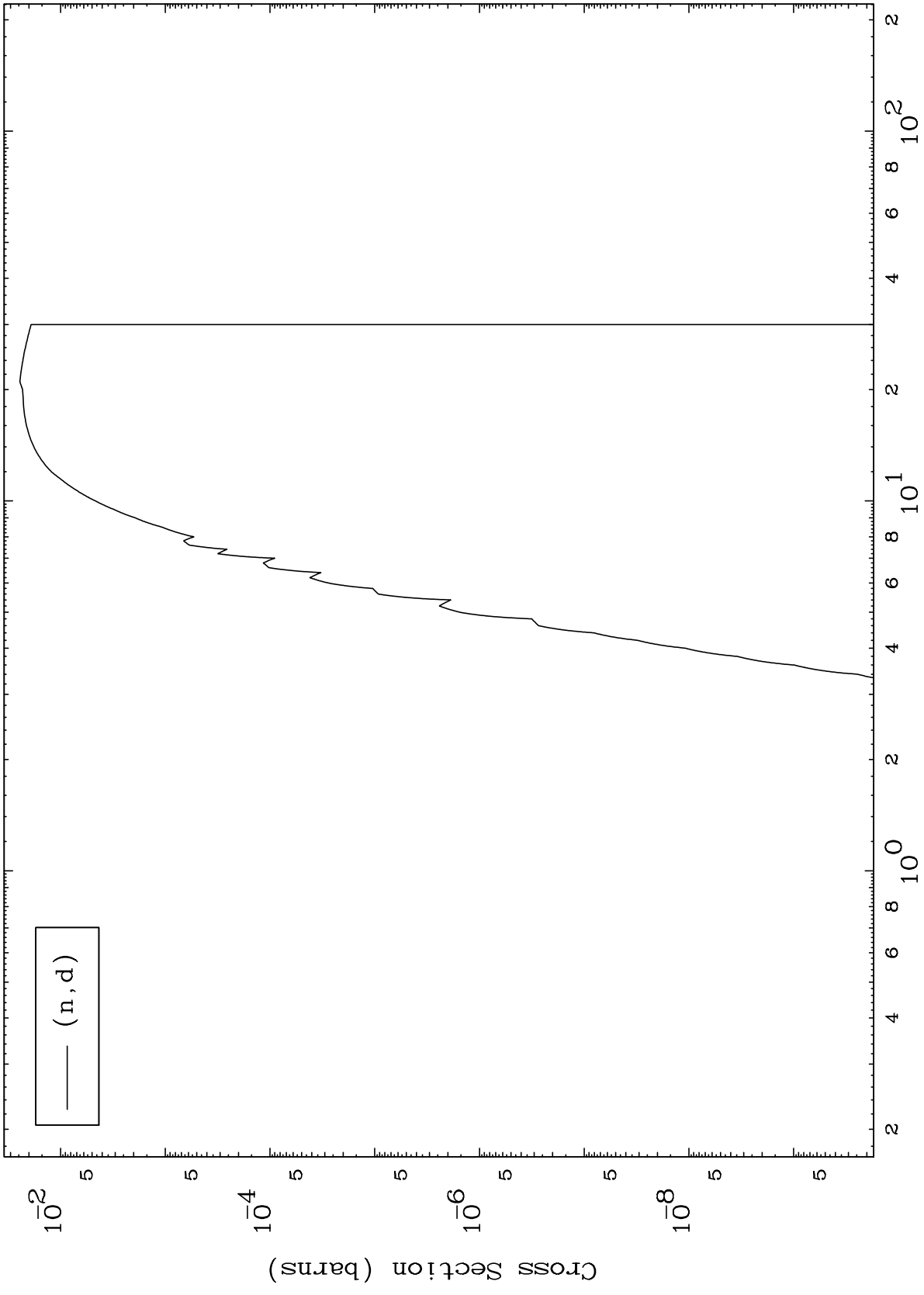
58-Ce-121



MAT 5780

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-121



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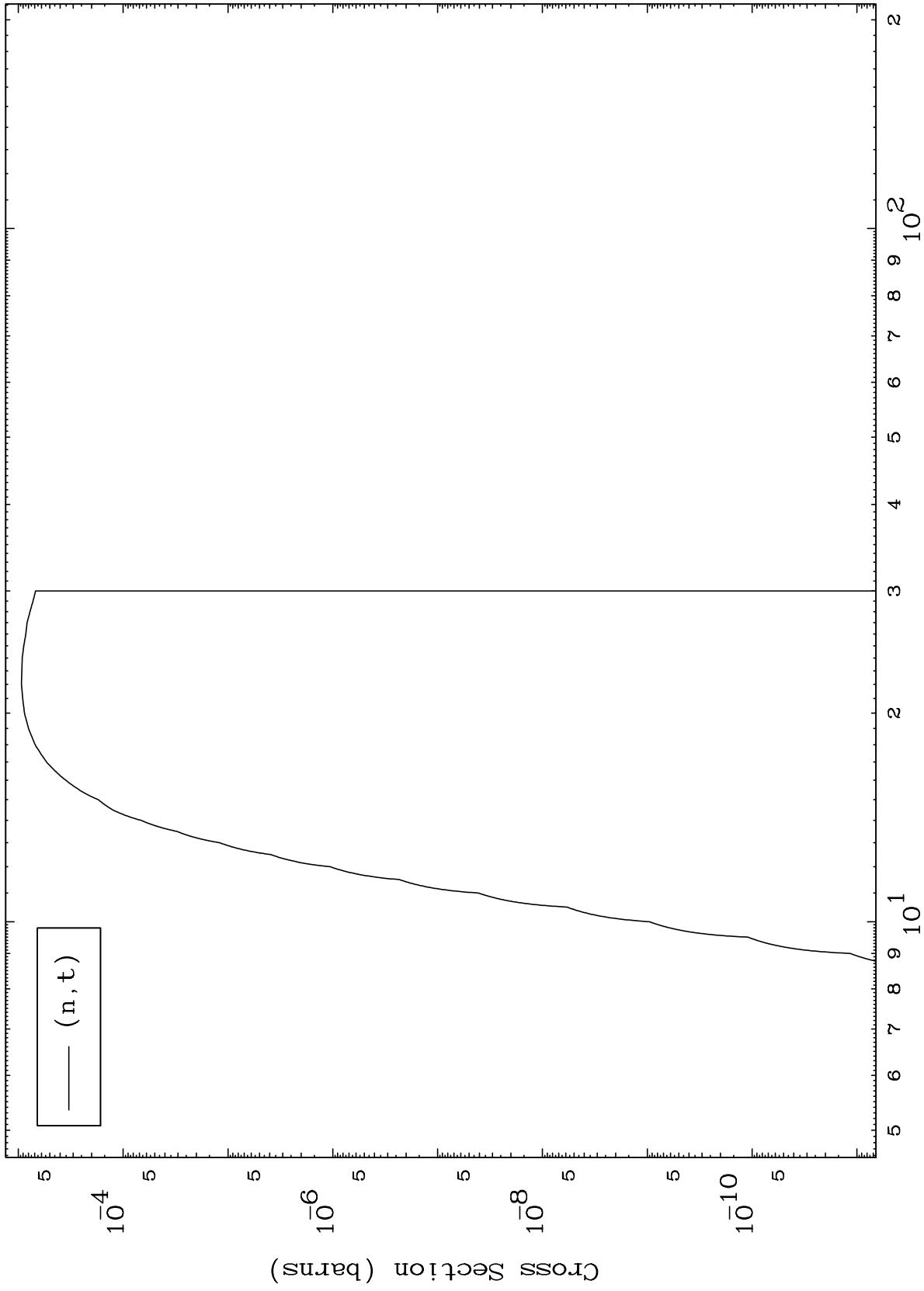
Incident Energy (MeV)

58-Ce-121

MAT 5780

58-Ce-121

(n,t) Levels
293 Kelvin Cross Sections



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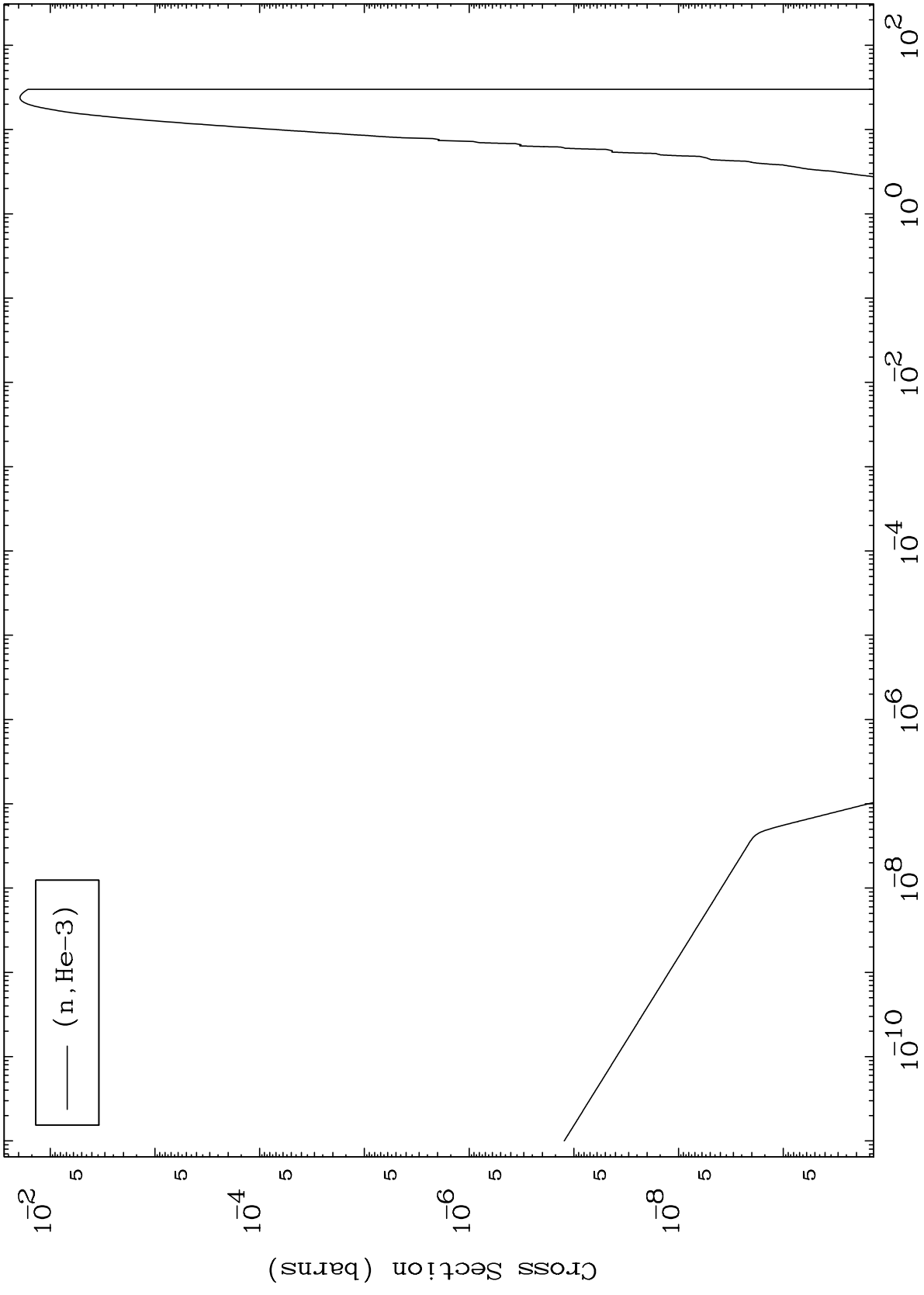
Incident Energy (MeV)

58-Ce-121

MAT 5780

(n,He3) Levels
293 Kelvin Cross Sections

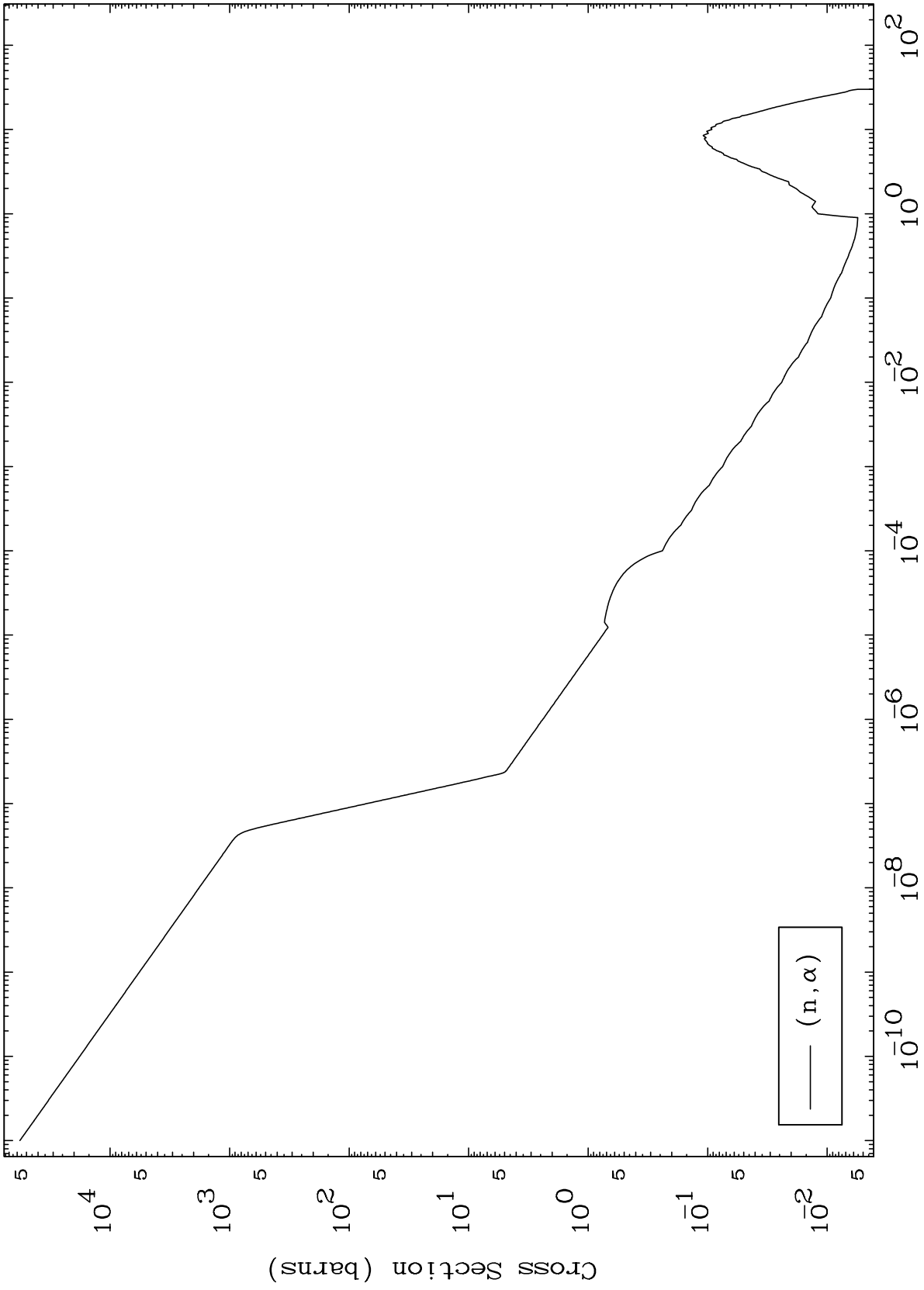
58-Ce-121



MAT 5780

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-121



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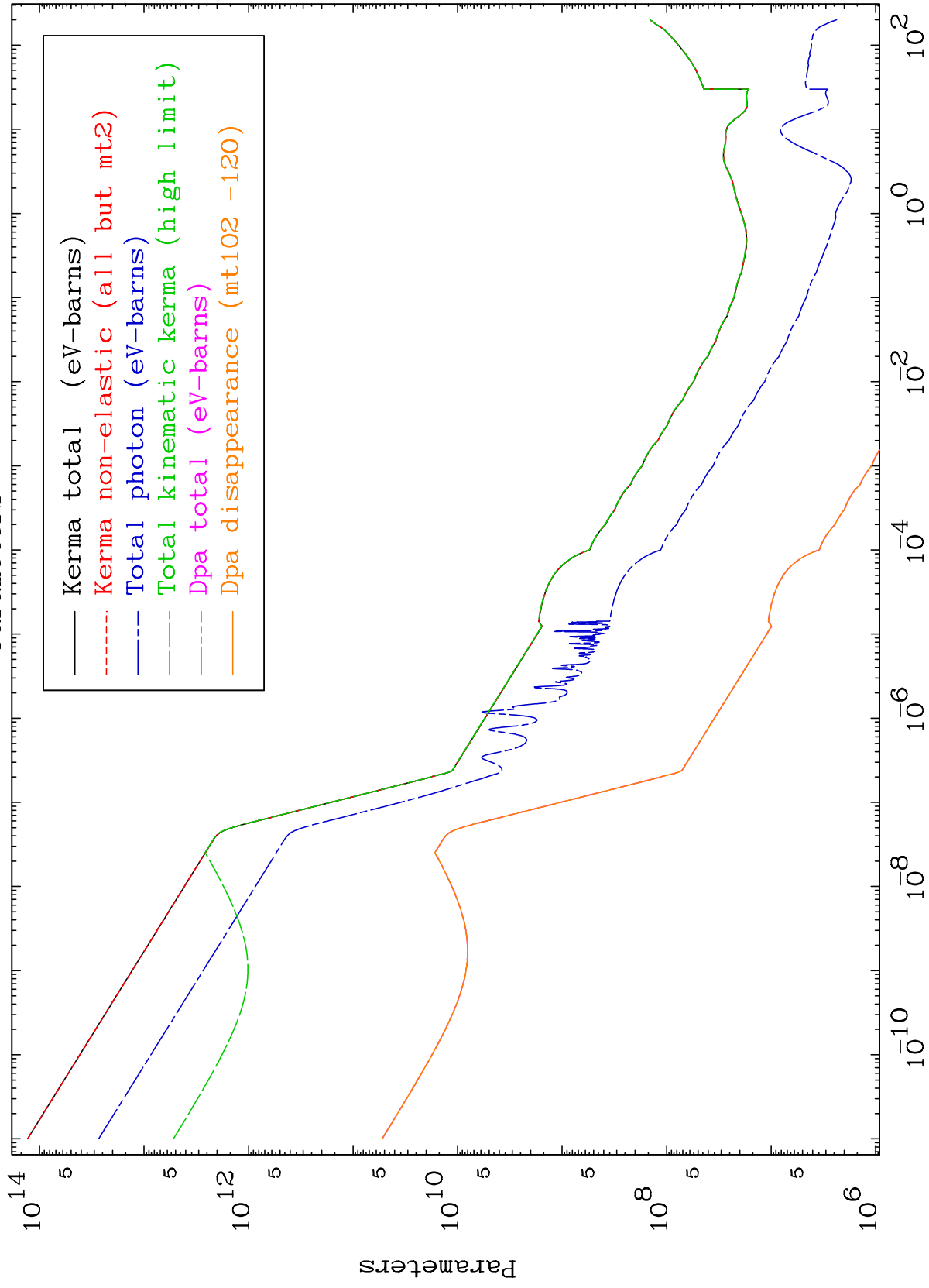
Incident Energy (MeV)

58-Ce-121

MAT 5780

Energy Release
Parameters

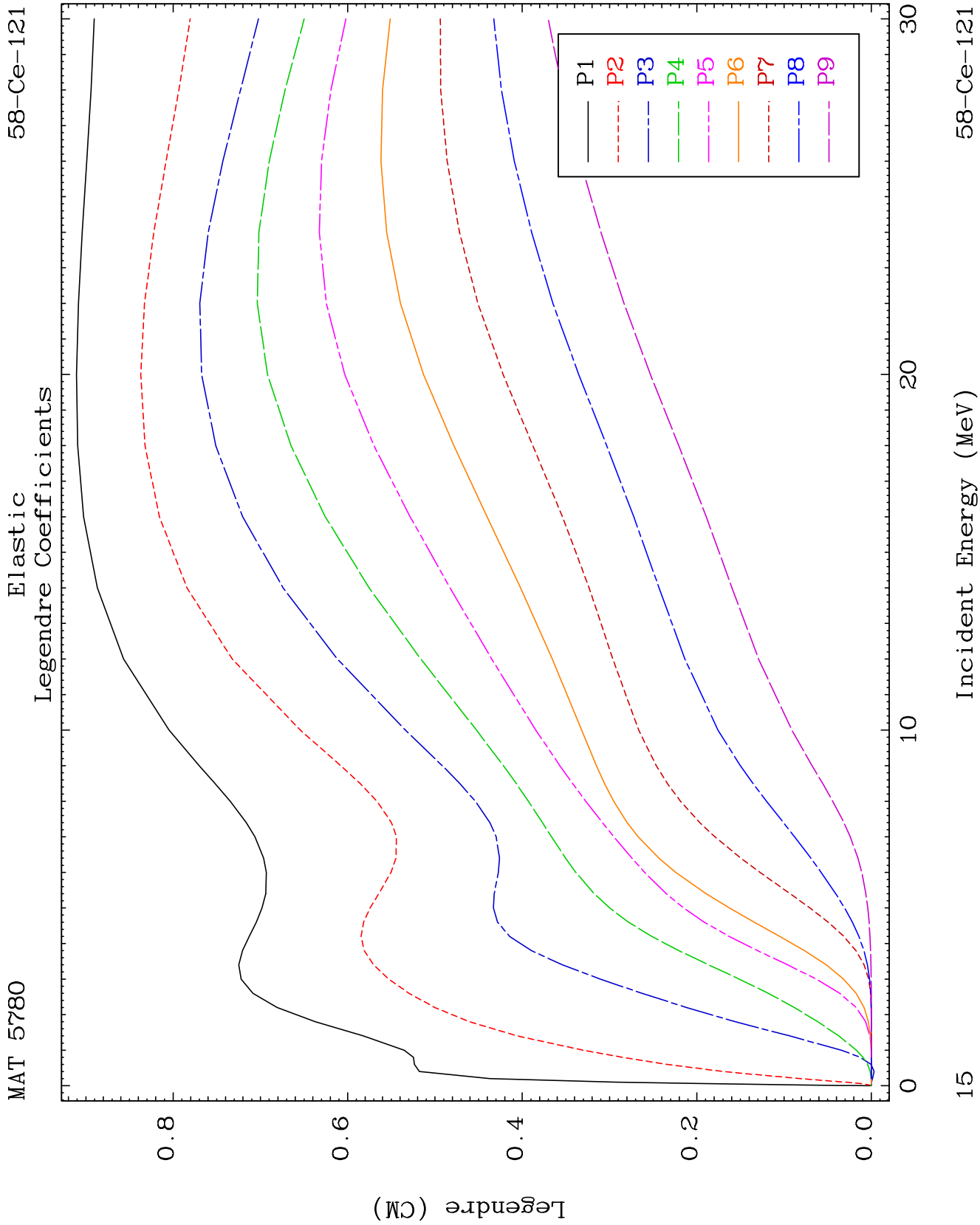
58-Ce-121



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Incident Energy (MeV)

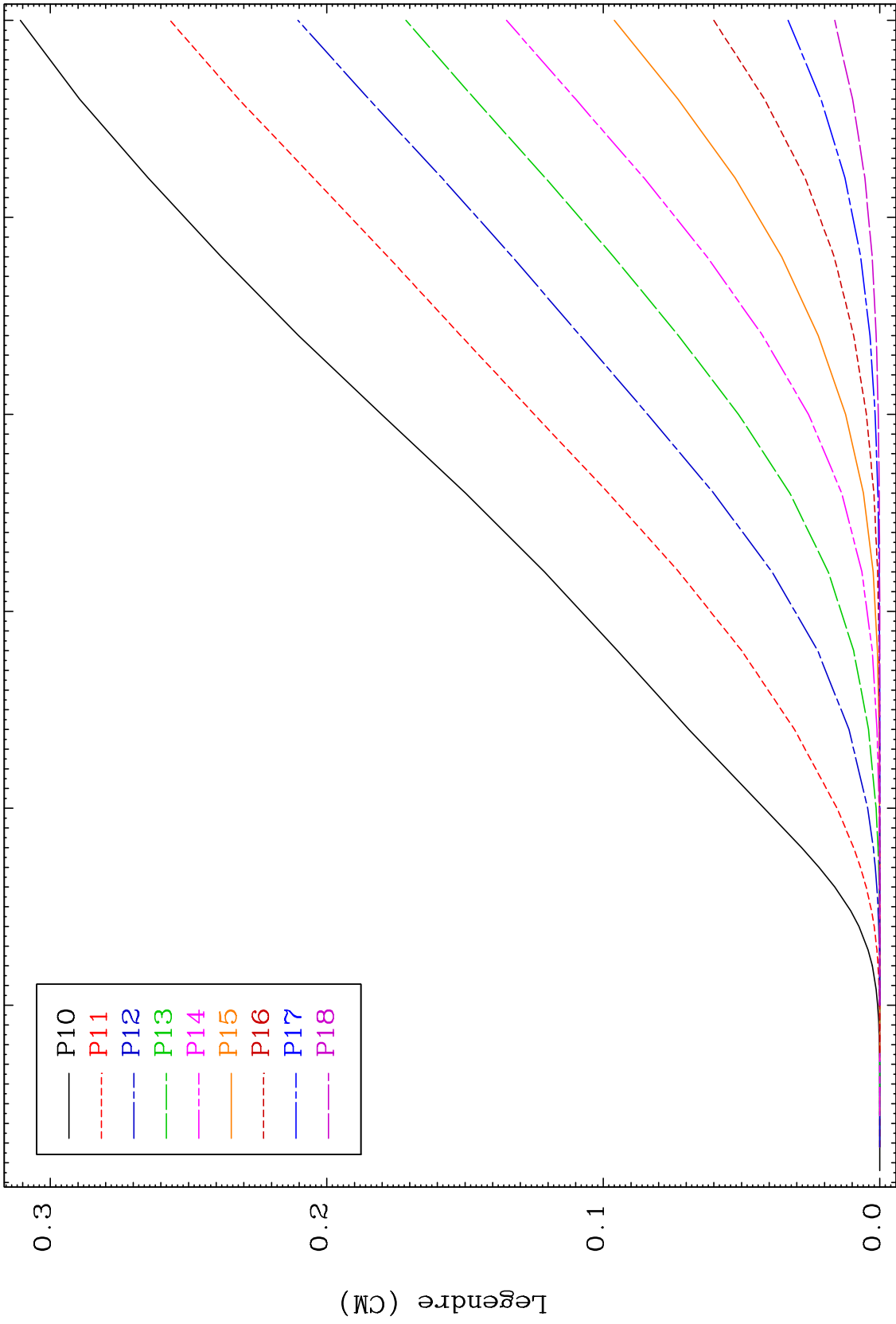
58-Ce-121



MAT 5780

Elastic Legendre Coefficients

58-Ce-121



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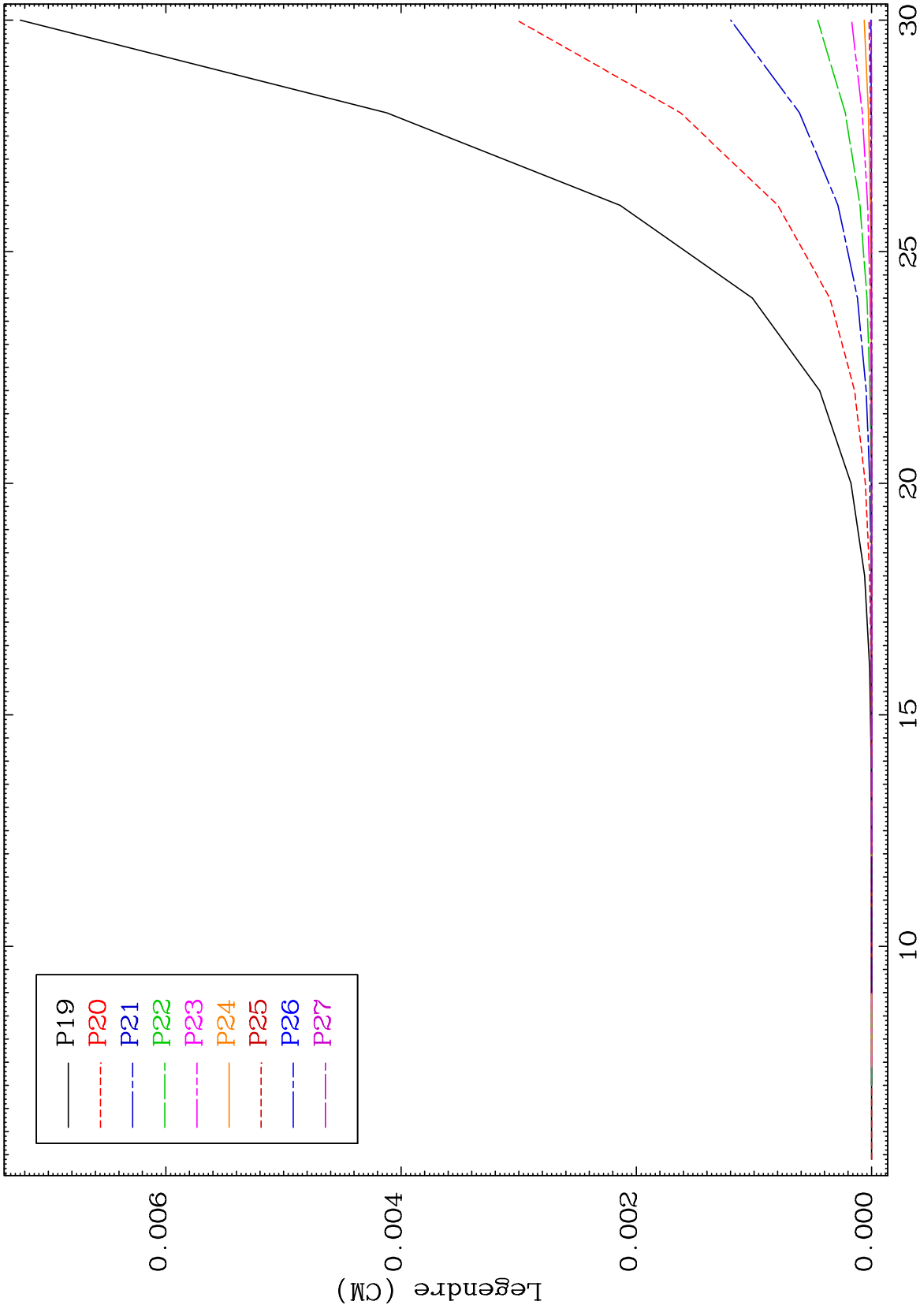
Incident Energy (MeV)

58-Ce-121

MAT 5780

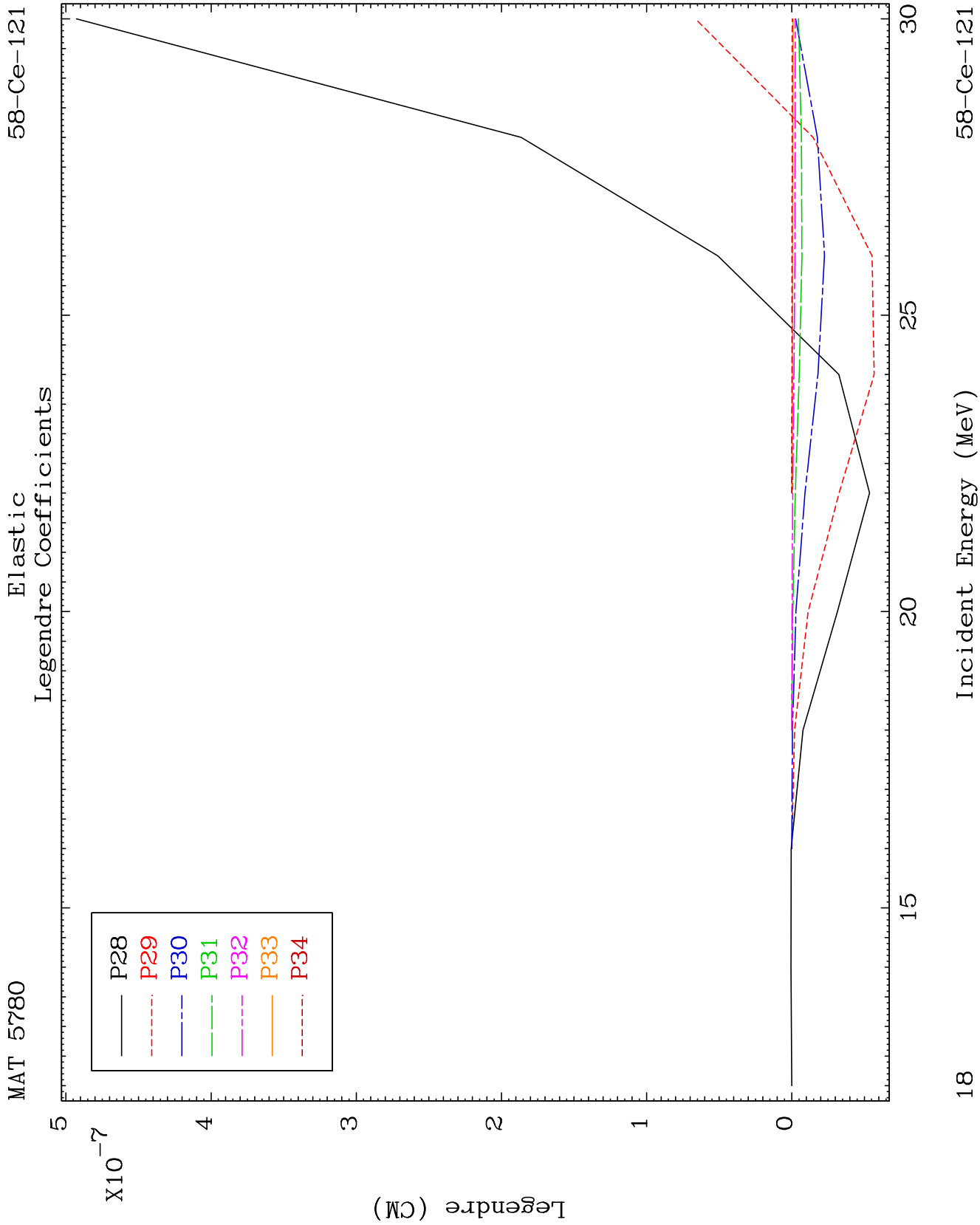
Elastic Legendre Coefficients

58-Ce-121



17

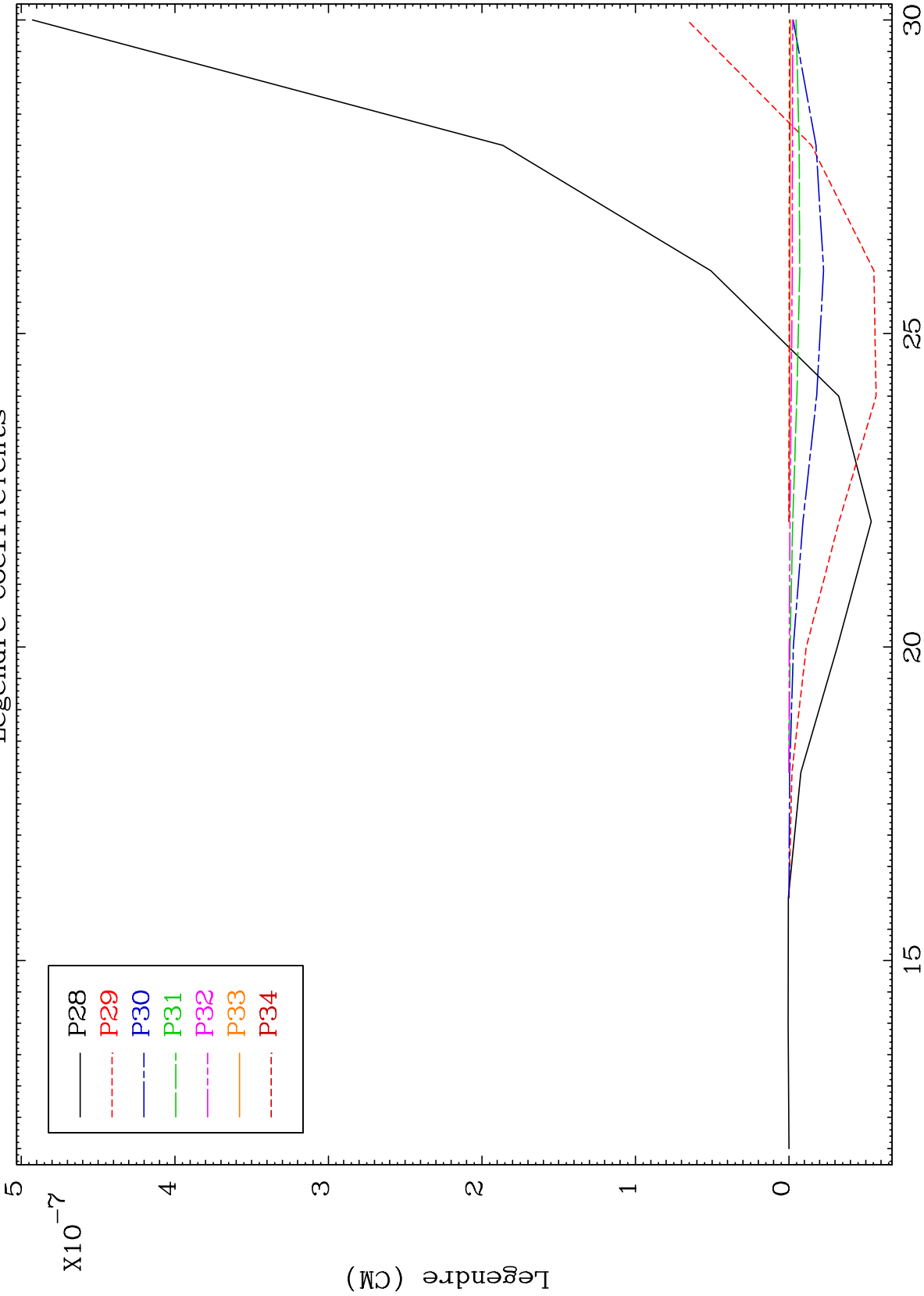
58-Ce-121



MAT 5780

Elastic Legendre Coefficients

$^{58}\text{Ce-121}$



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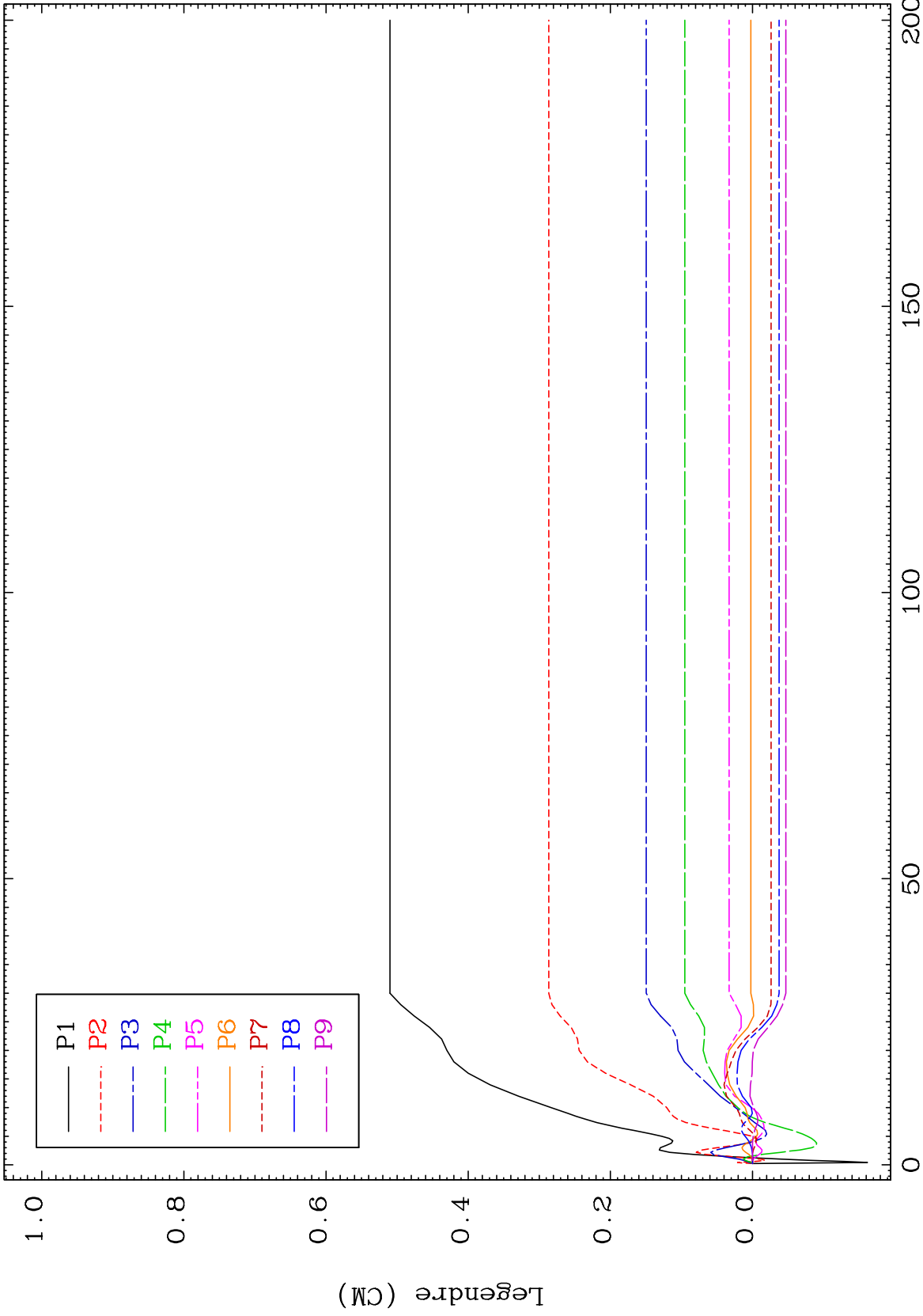
Incident Energy (MeV)

$^{58}\text{Ce-121}$

MAT 5780

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

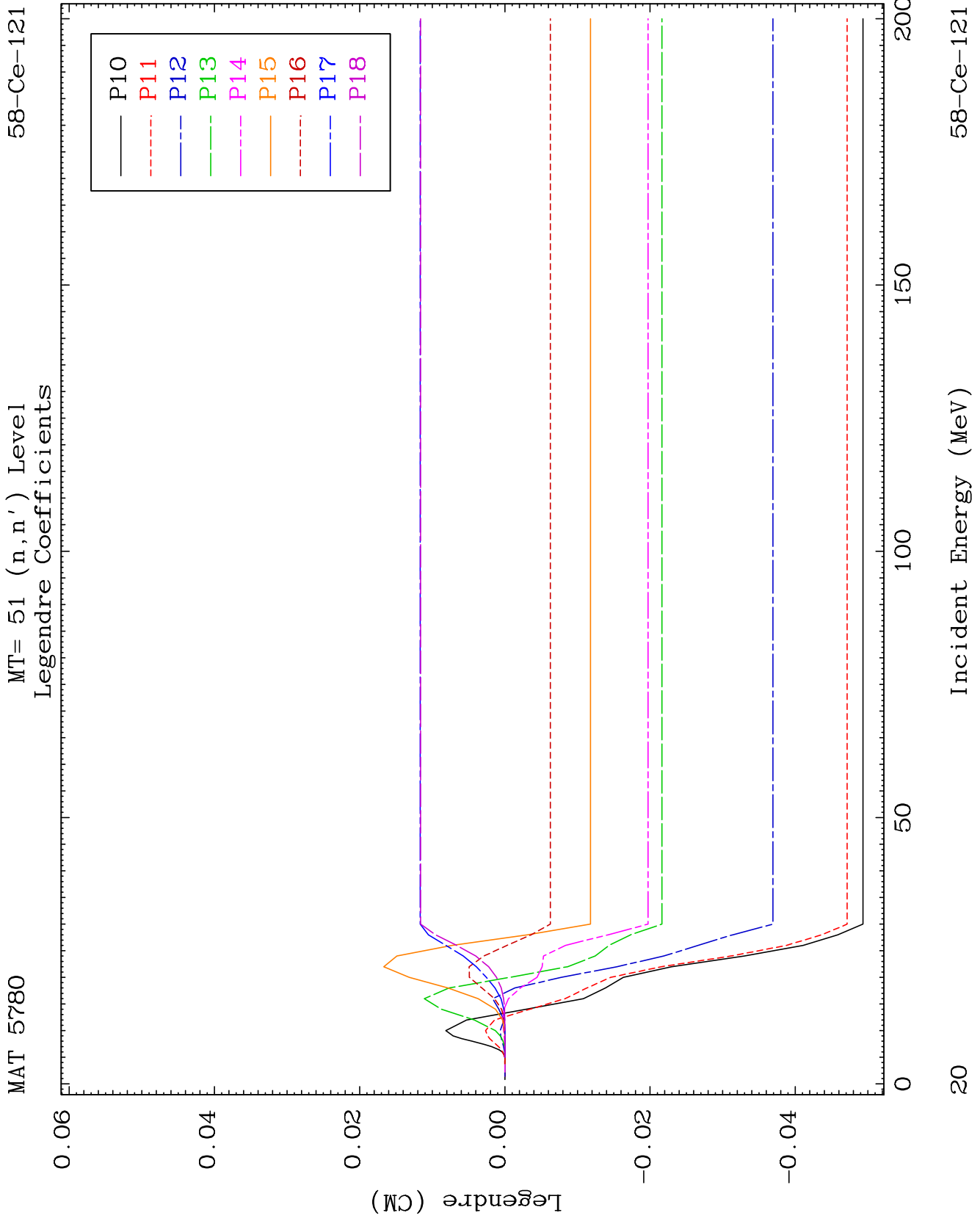
58-Ce-121



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Incident Energy (MeV)

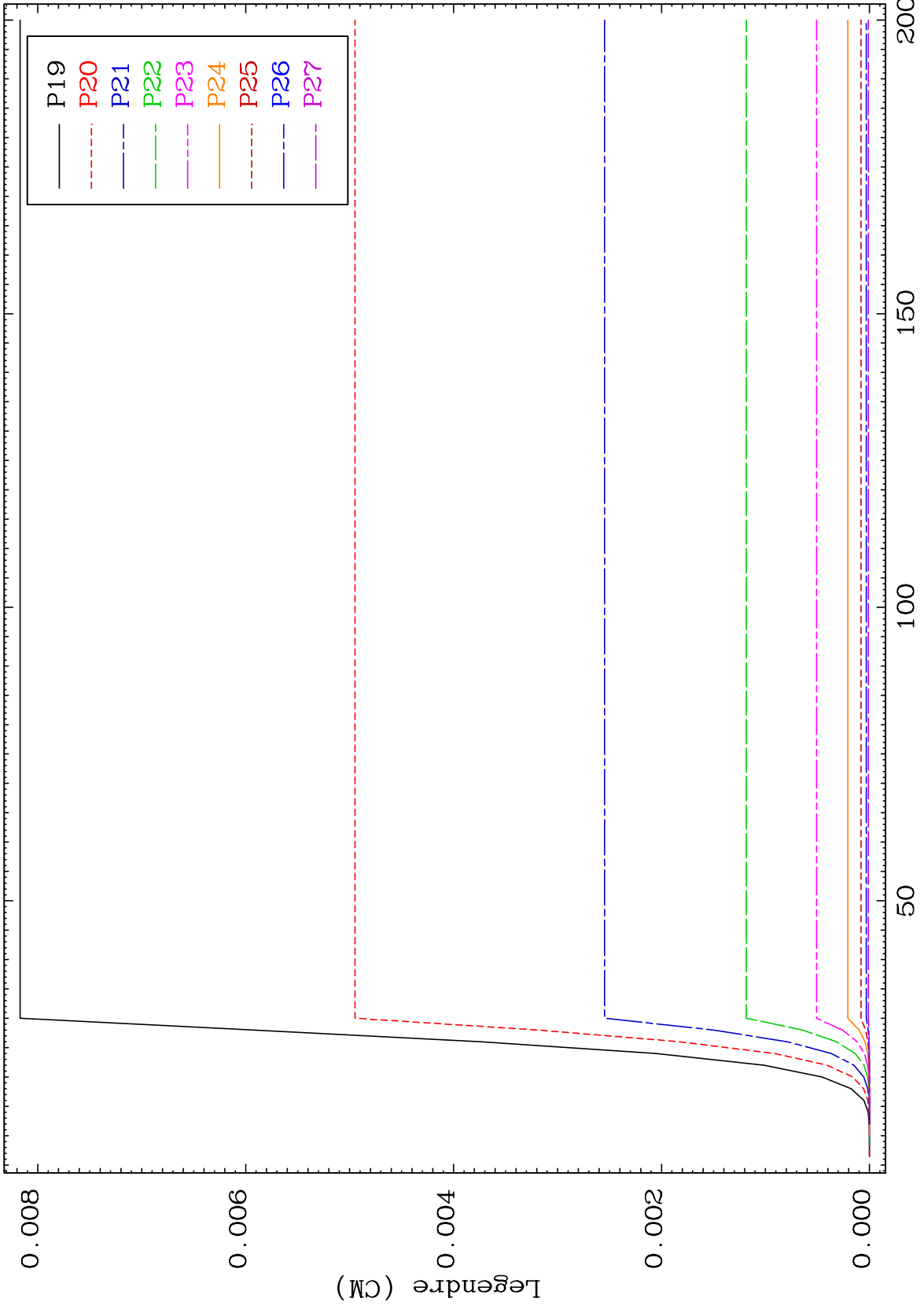
58-Ce-121



MAT 5780

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

58-Ce-121



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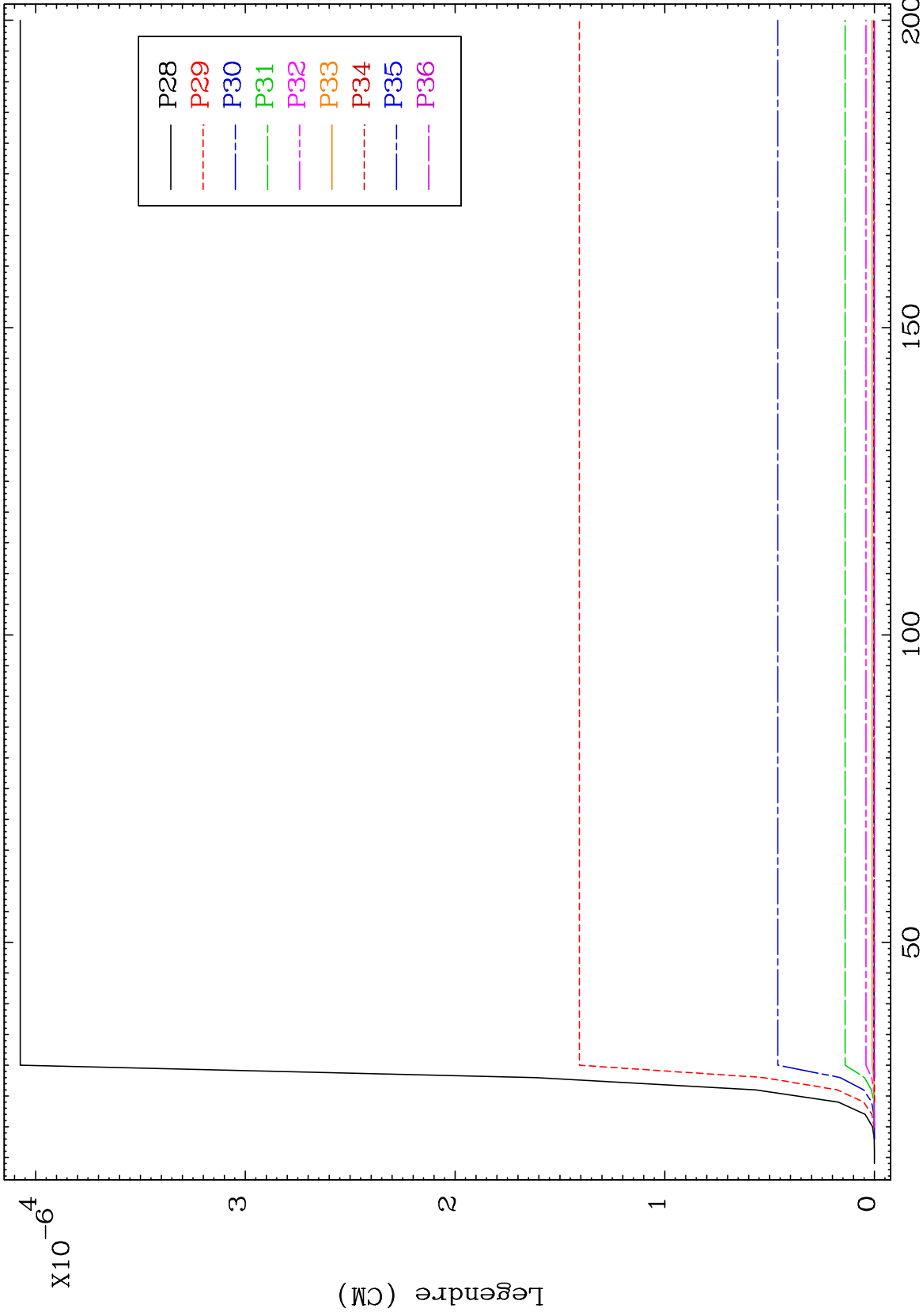
Incident Energy (MeV)

58-Ce-121

MAT 5780

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

58-Ce-121



22

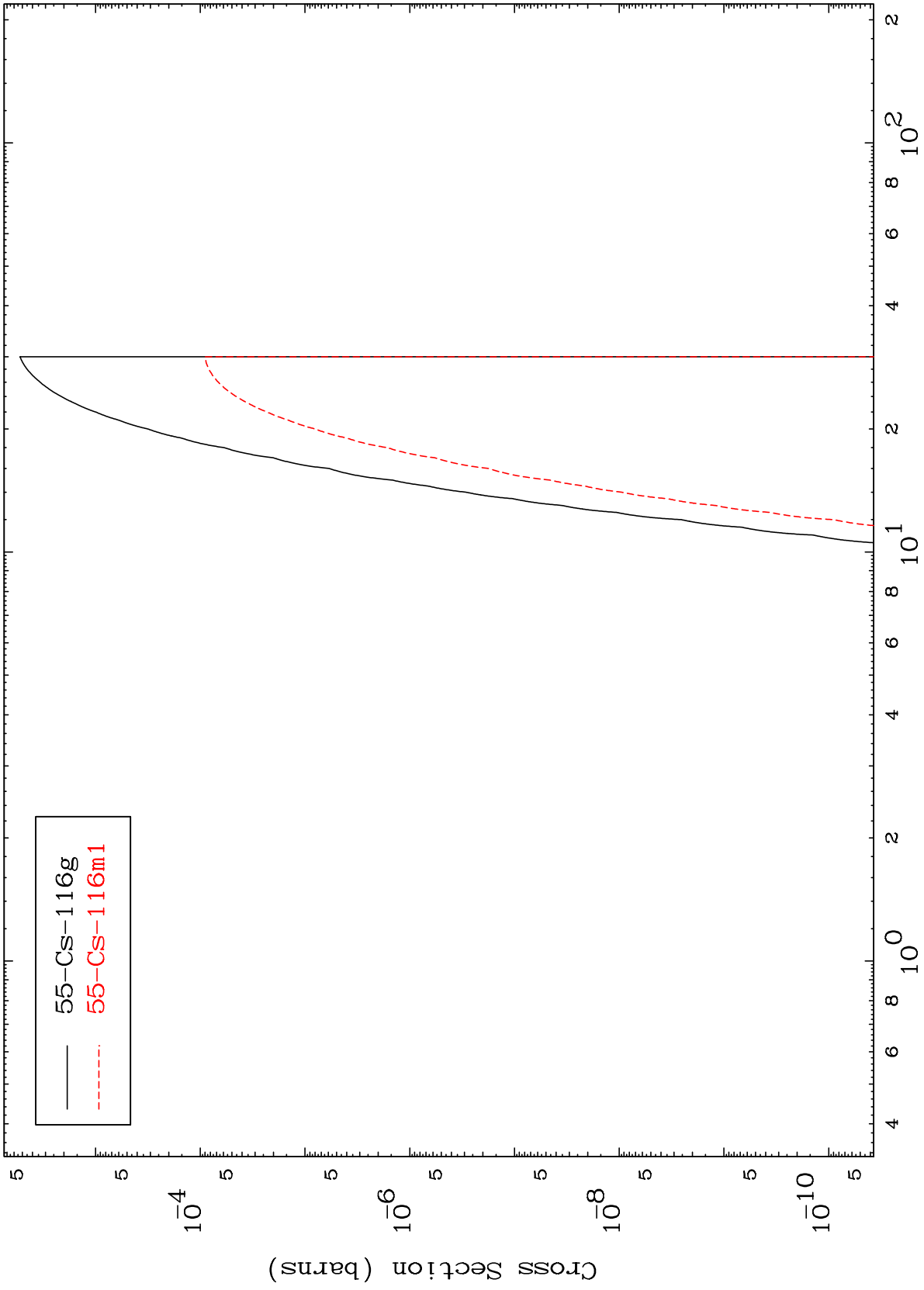
58-Ce-121

MAT 5780

(n,n') p α

58-Ce-121

Radionuclide Production Cross Section



23

Incident Energy (MeV)

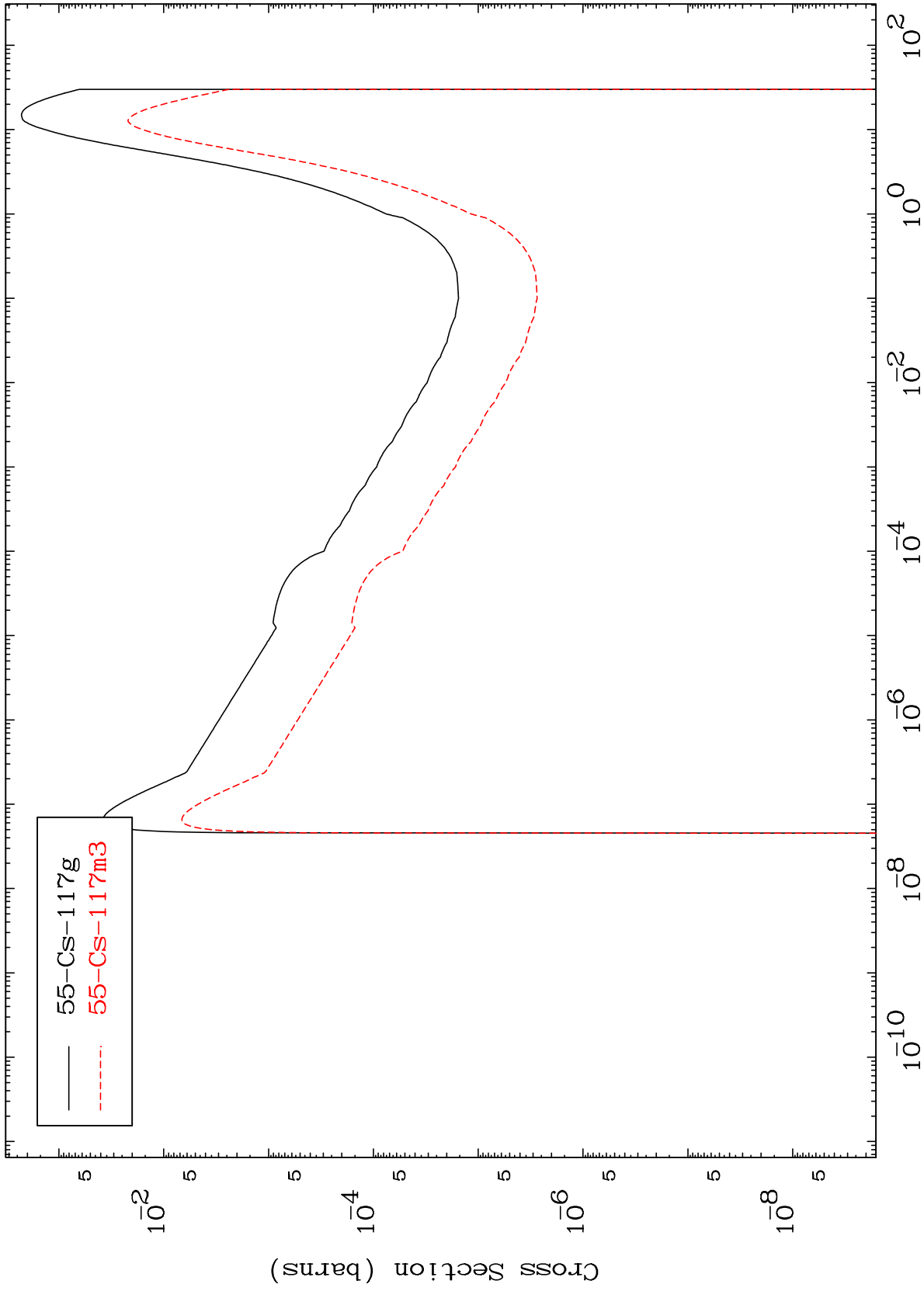
58-Ce-121

MAT 5780

(n,p) α

58-Ce-121

Radionuclide Production Cross Section



24

Incident Energy (MeV)

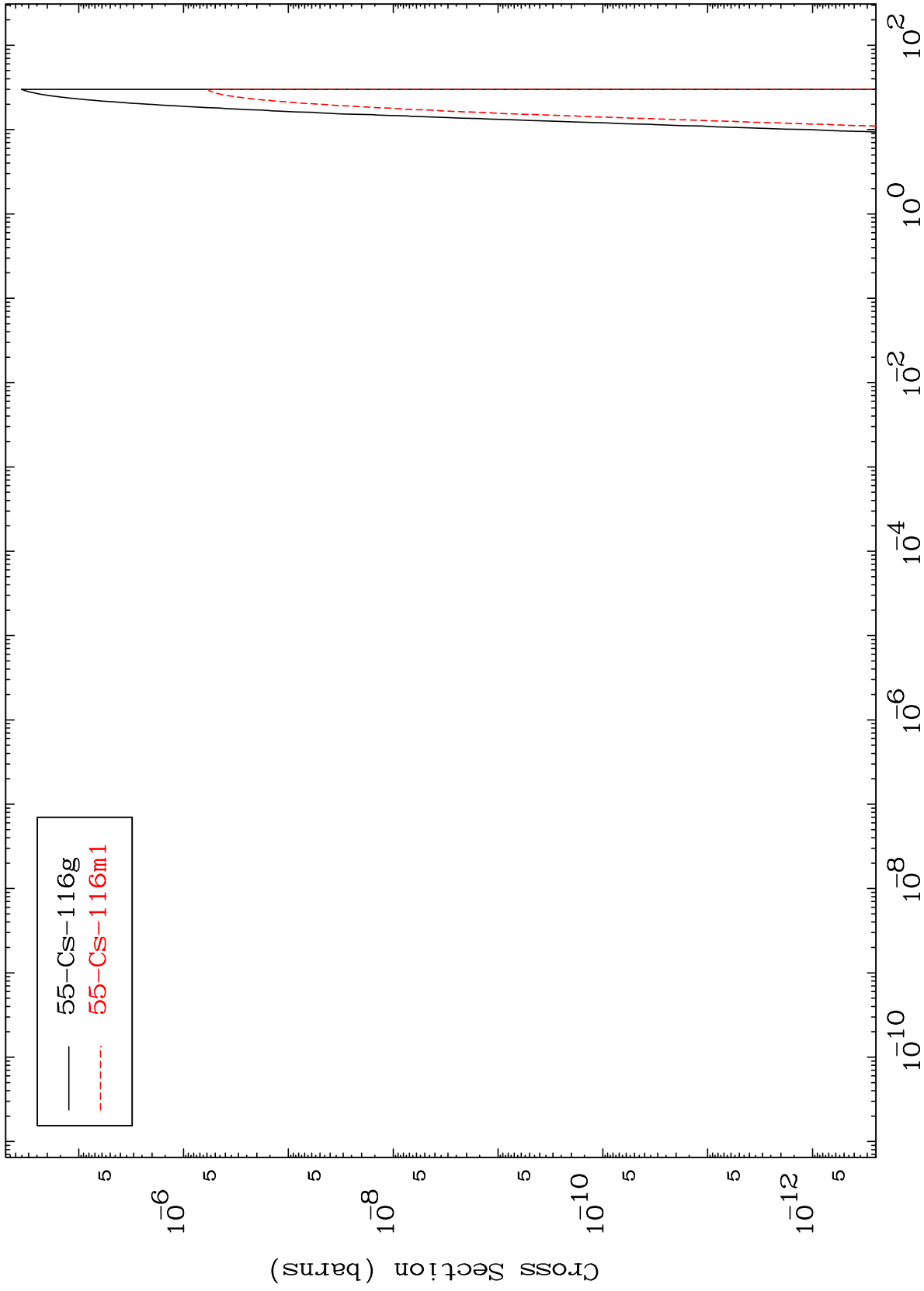
58-Ce-121

MAT 5780

(n,d) α

58-Ce-121

Radionuclide Production Cross Section



25

Incident Energy (MeV)

58-Ce-121