

Program EVALPLOT
(Version 2018-1)

by

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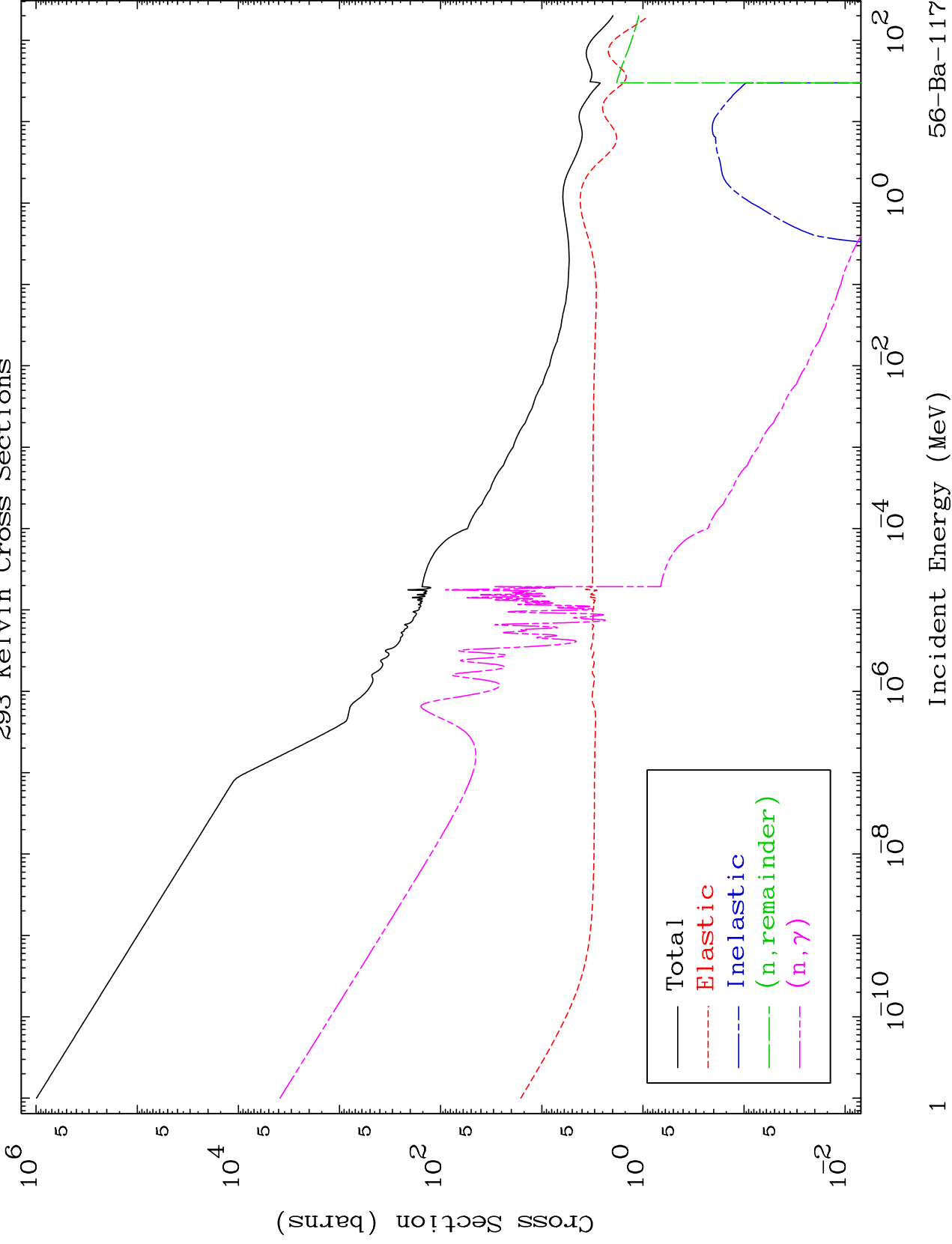
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Press Mouse Button to Start

MAT 5586

Major
293 Kelvin Cross Sections

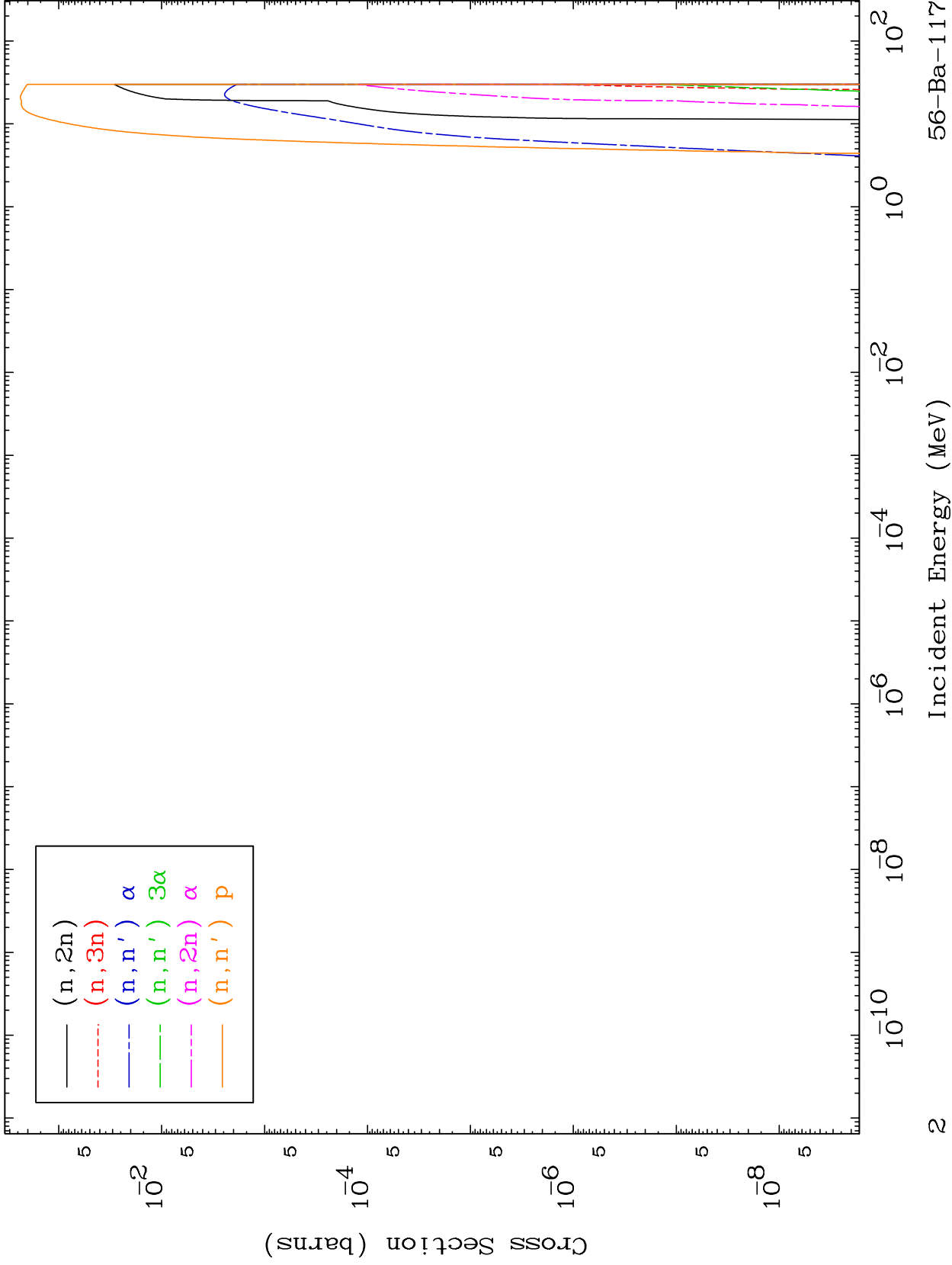
56-Ba-117



MAT 5586

Neutron Production
293 Kelvin Cross Sections

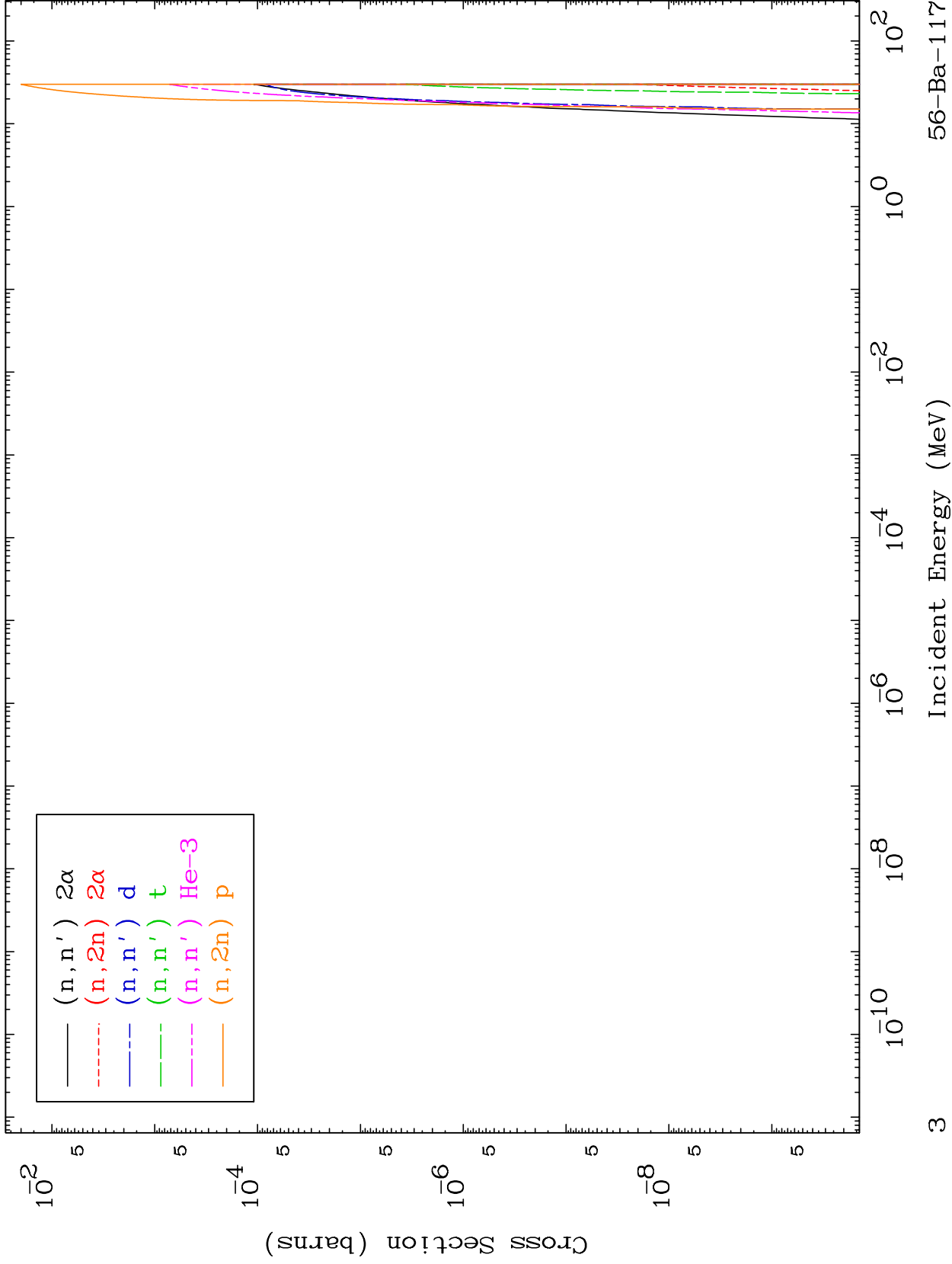
56-Ba-117



MAT 5586

Neutron Production
293 Kelvin Cross Sections

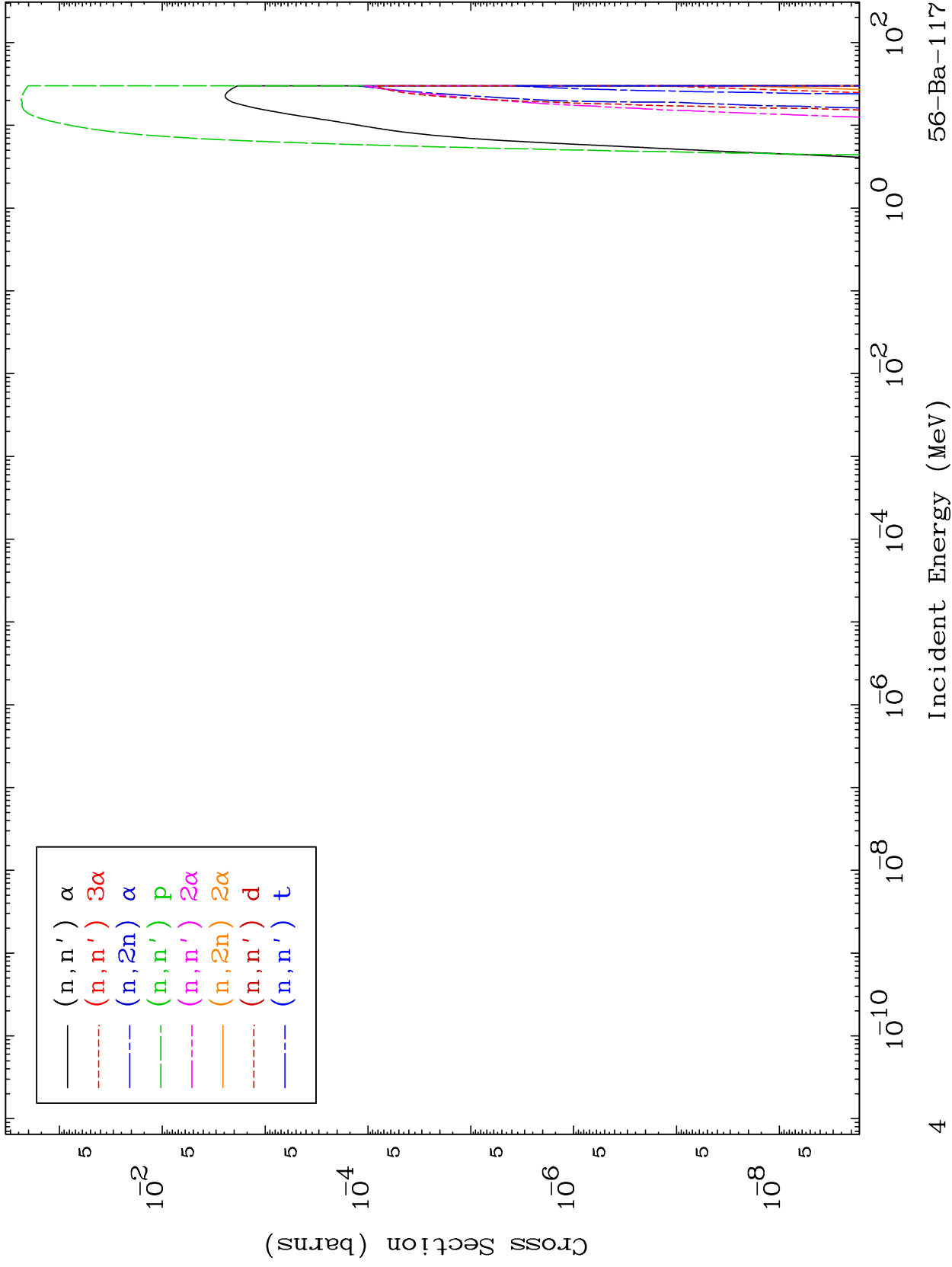
56-Ba-117



MAT 5586

Charged Particle
293 Kelvin Cross Sections

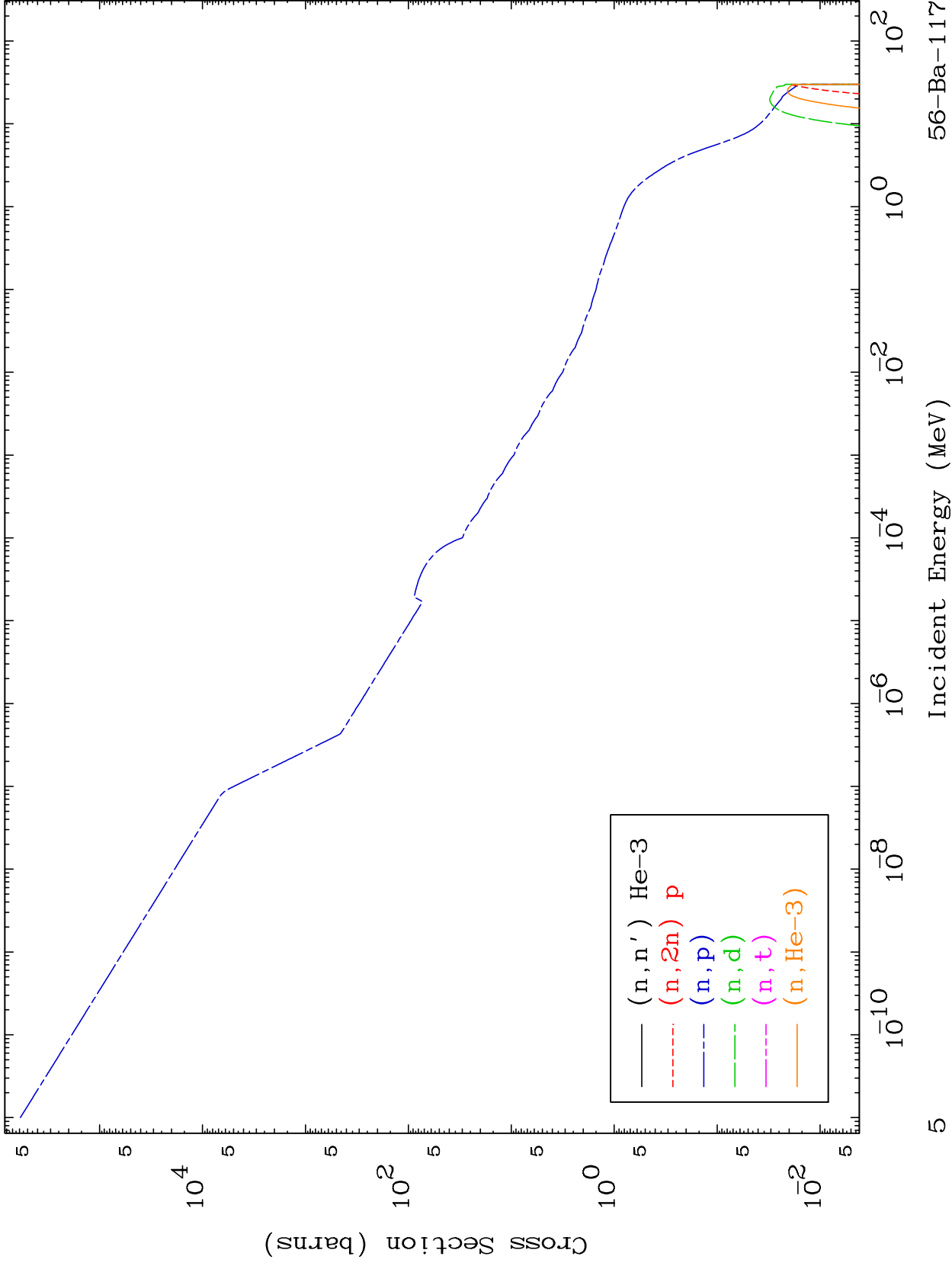
56-Ba-117



MAT 5586

Charged Particle
293 Kelvin Cross Sections

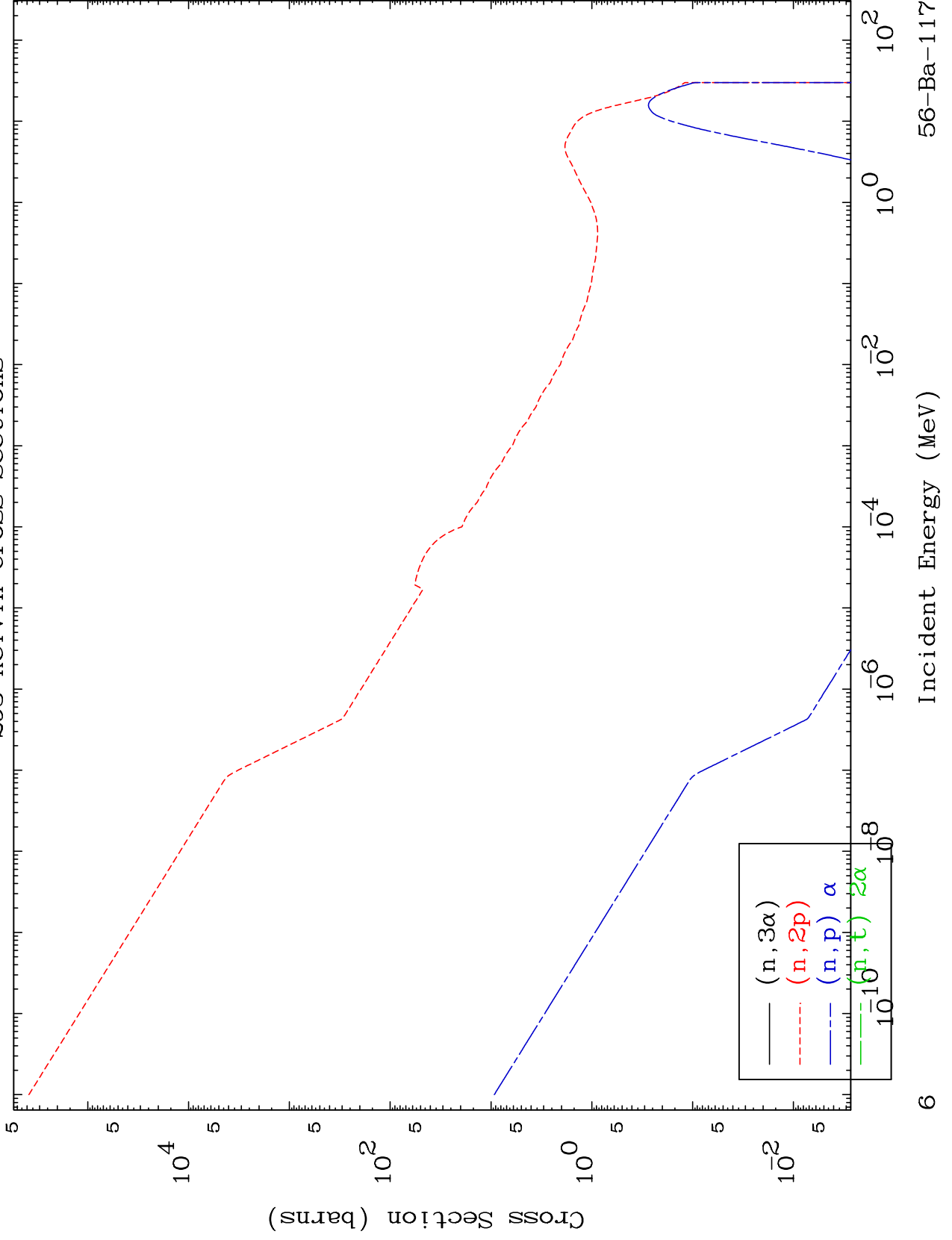
56-Ba-117



MAT 5586

Charged Particle
293 Kelvin Cross Sections

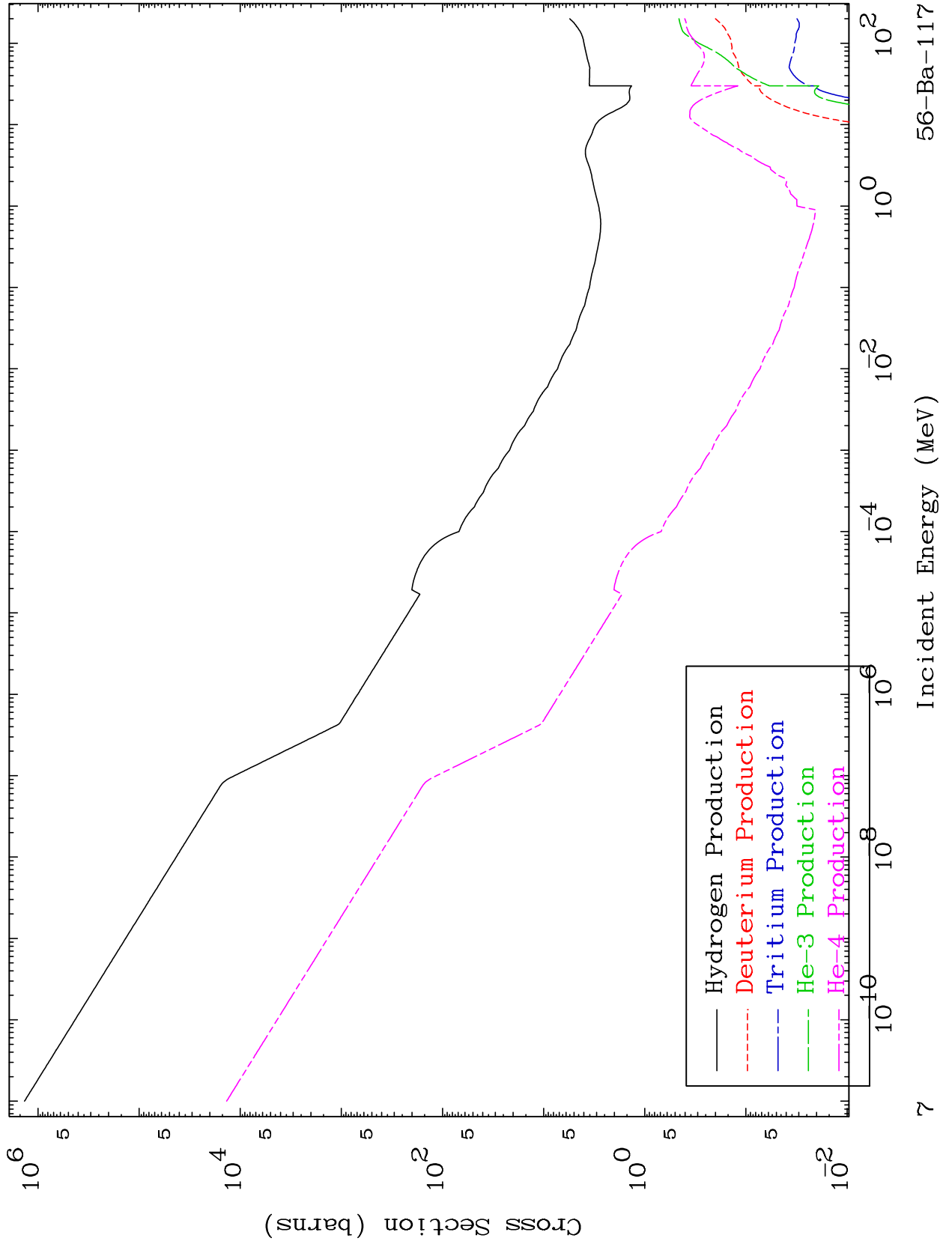
56-Ba-117



MAT 5586

Particle Production
293 Kelvin Cross Sections

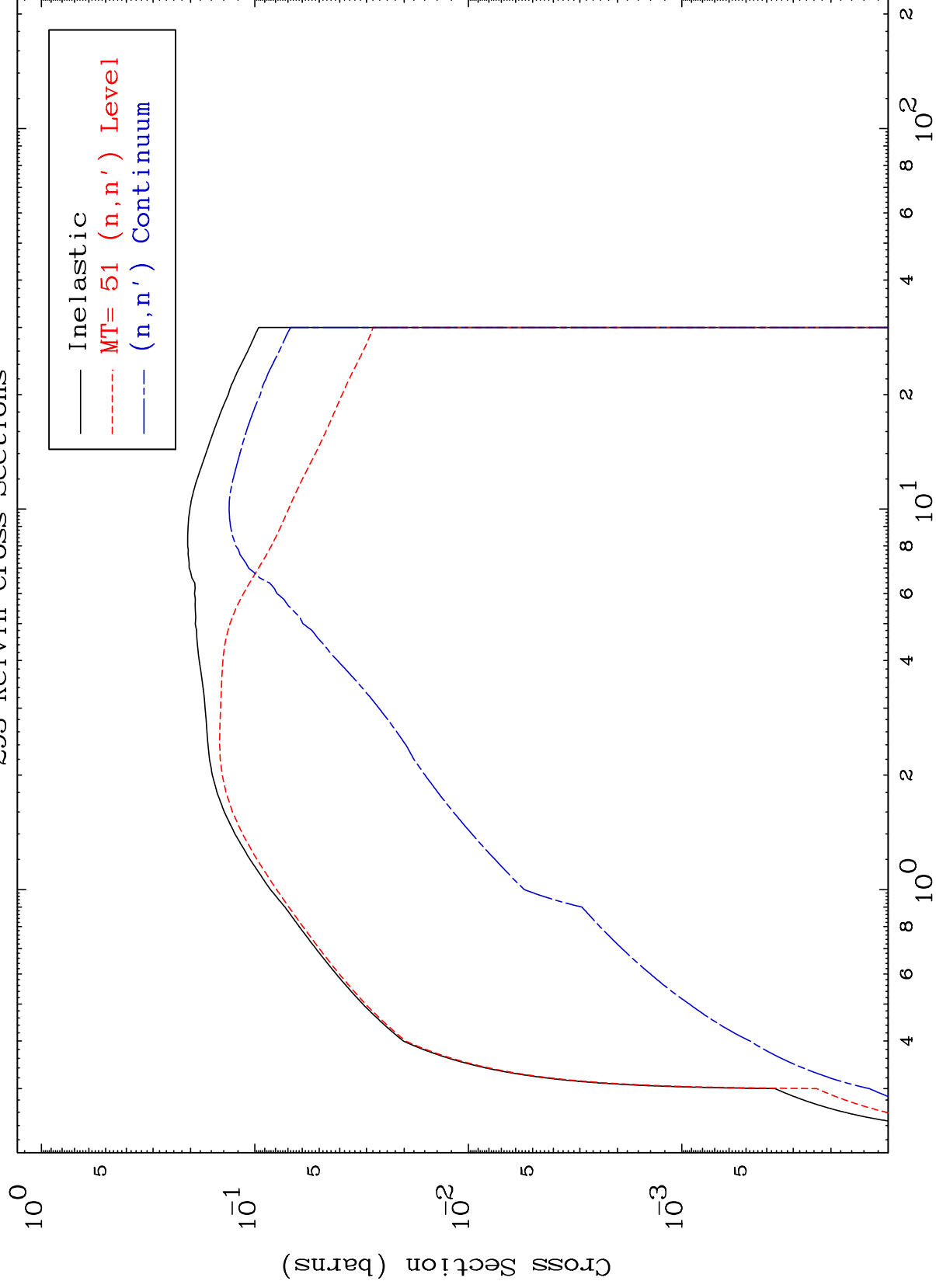
56-Ba-117



MAT 5586

(n,n') Level
293 Kelvin Cross Sections

56-Ba-117



8

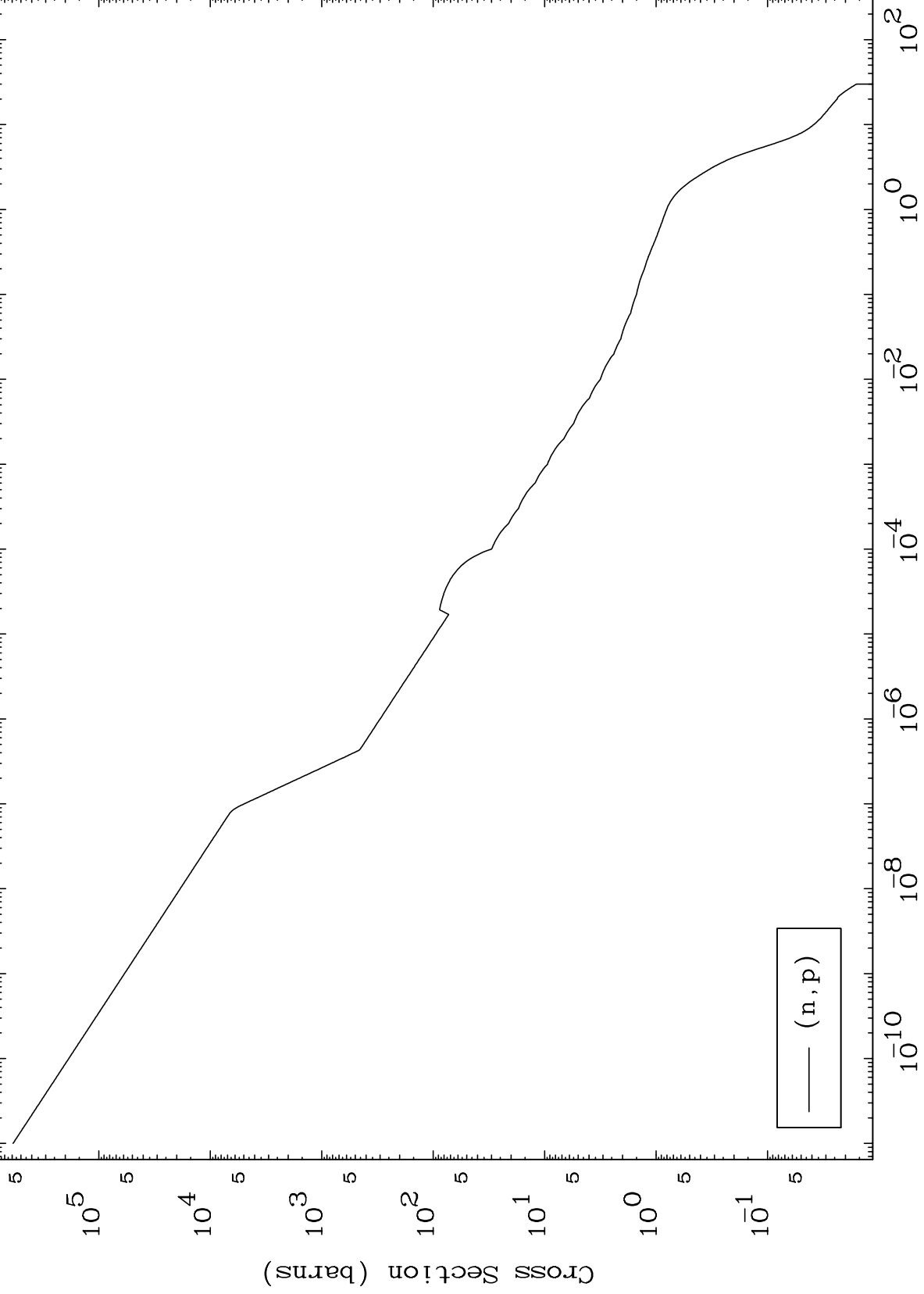
Incident Energy (MeV)

56-Ba-117

MAT 5586

(n,p) Levels
293 Kelvin Cross Sections

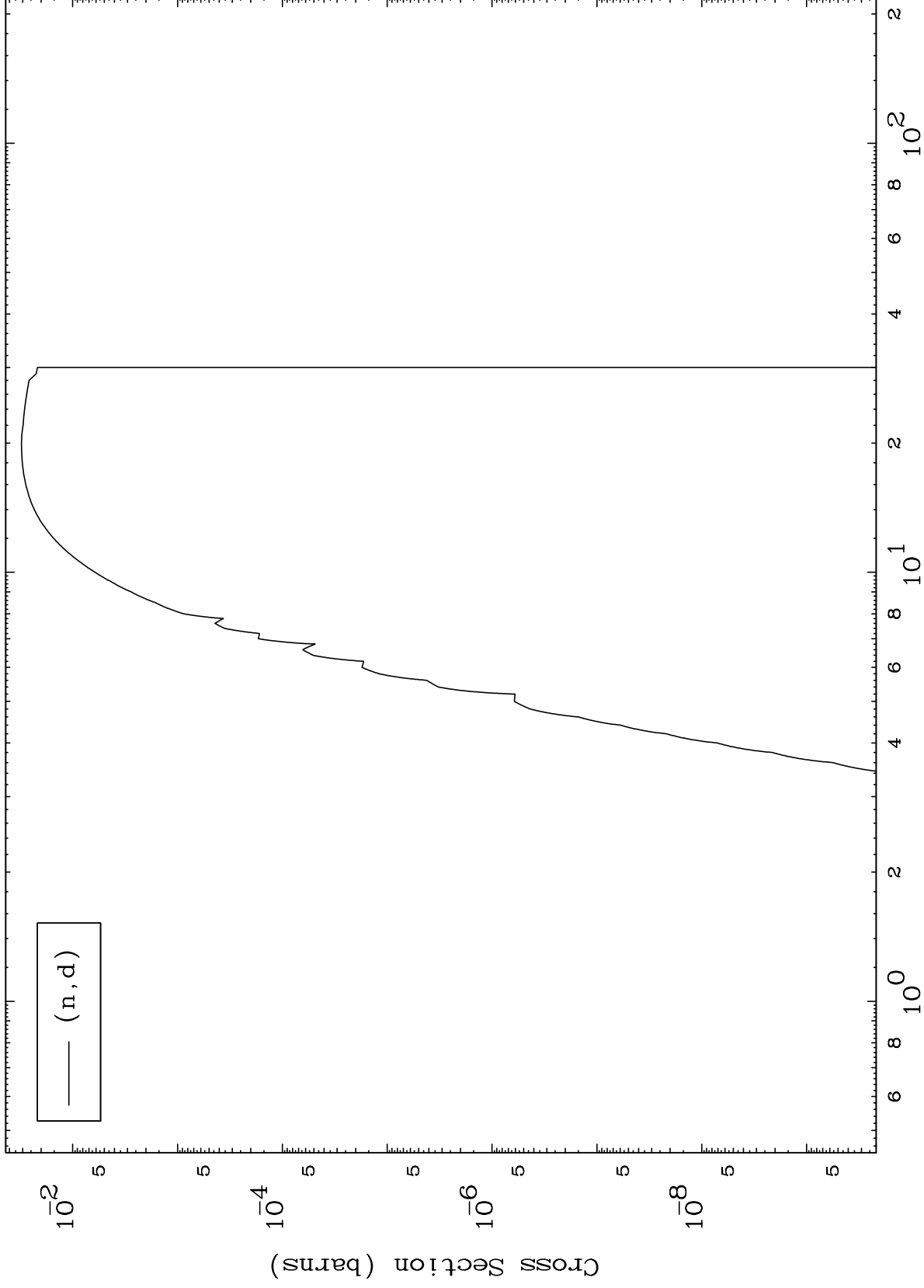
56-Ba-117



MAT 5586

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-117



10

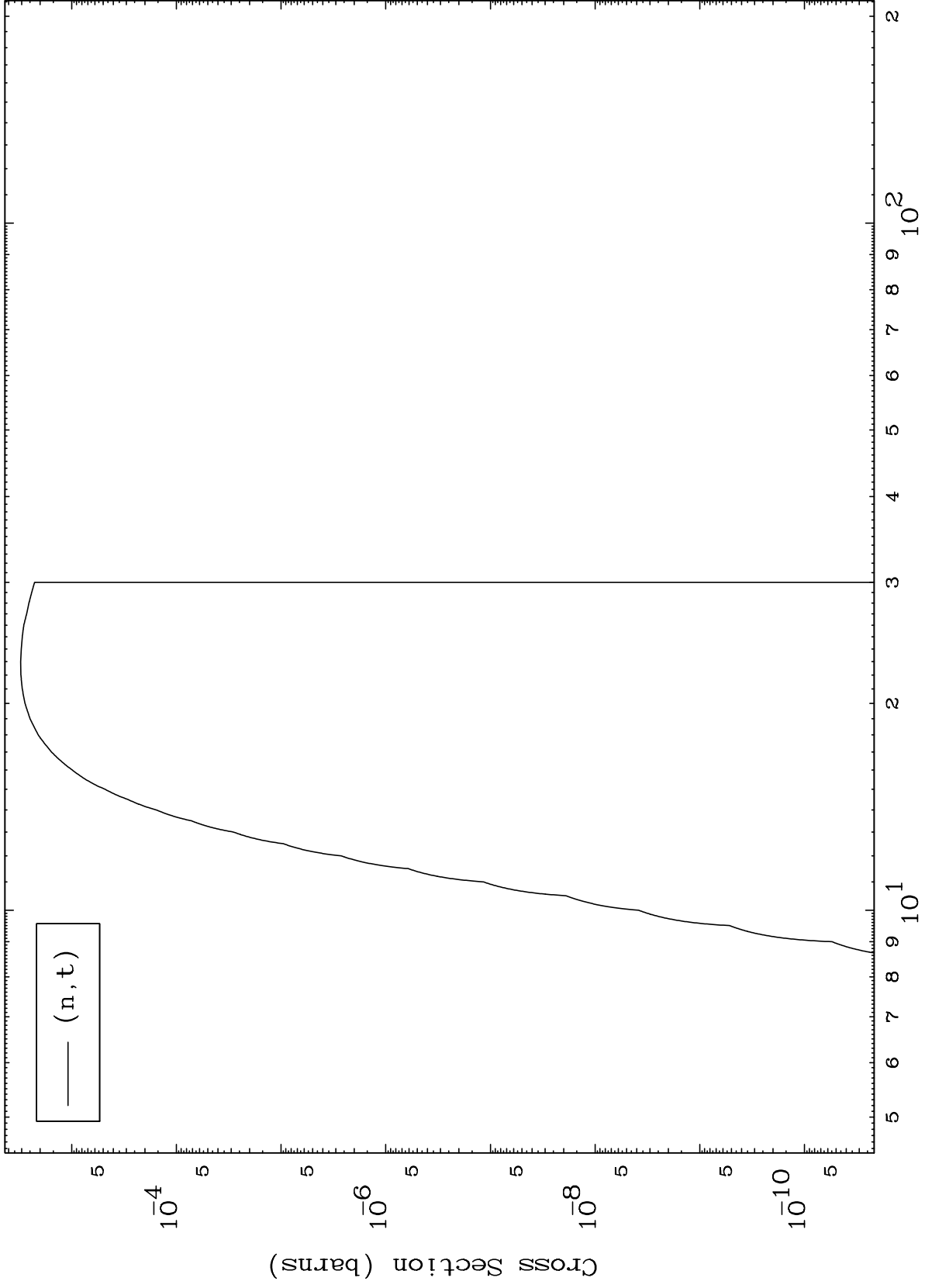
Incident Energy (MeV)

56-Ba-117

MAT 5586

(n,t) Levels
293 Kelvin Cross Sections

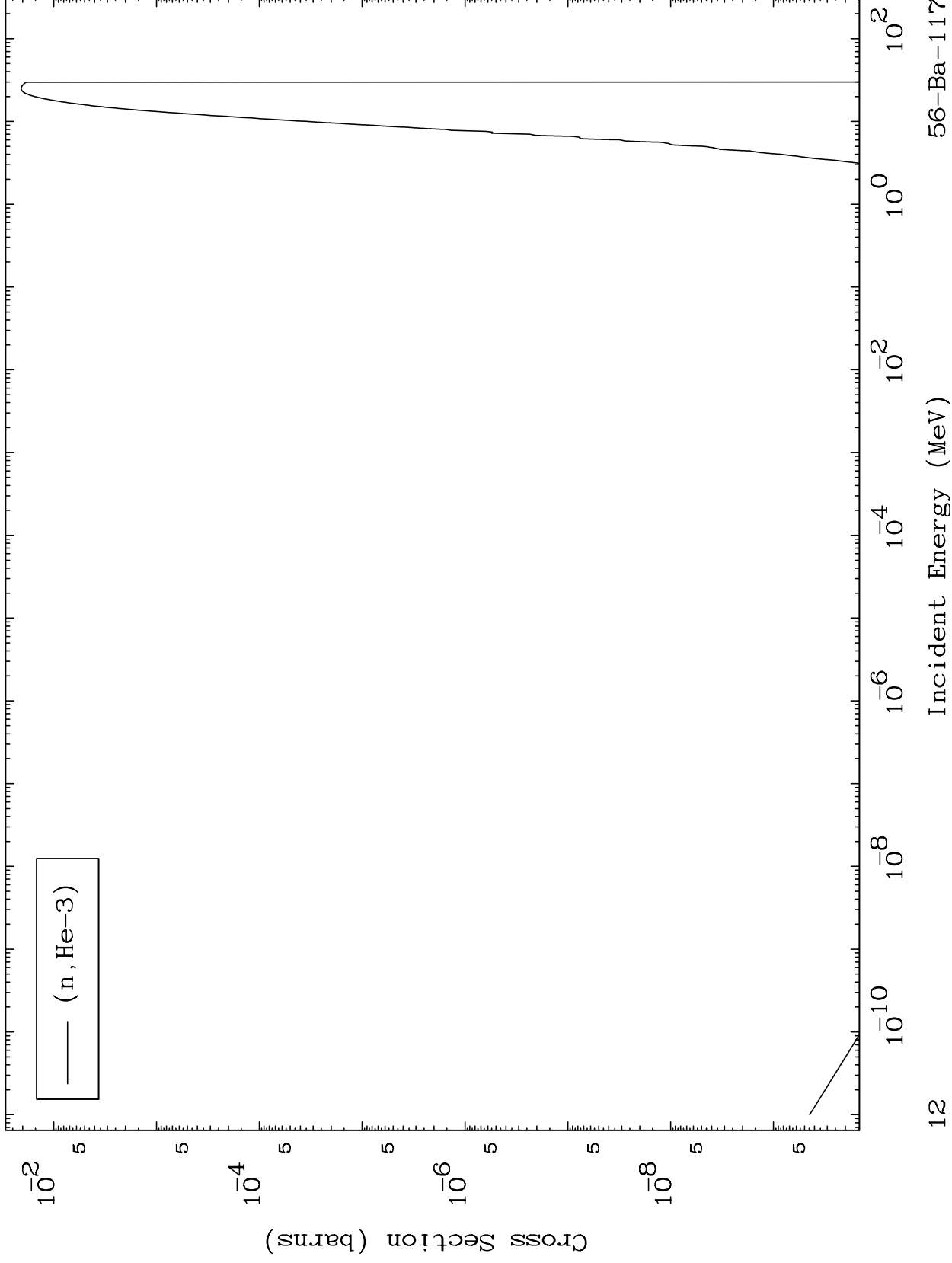
56-Ba-117



MAT 5586

(n,He3) Levels
293 Kelvin Cross Sections

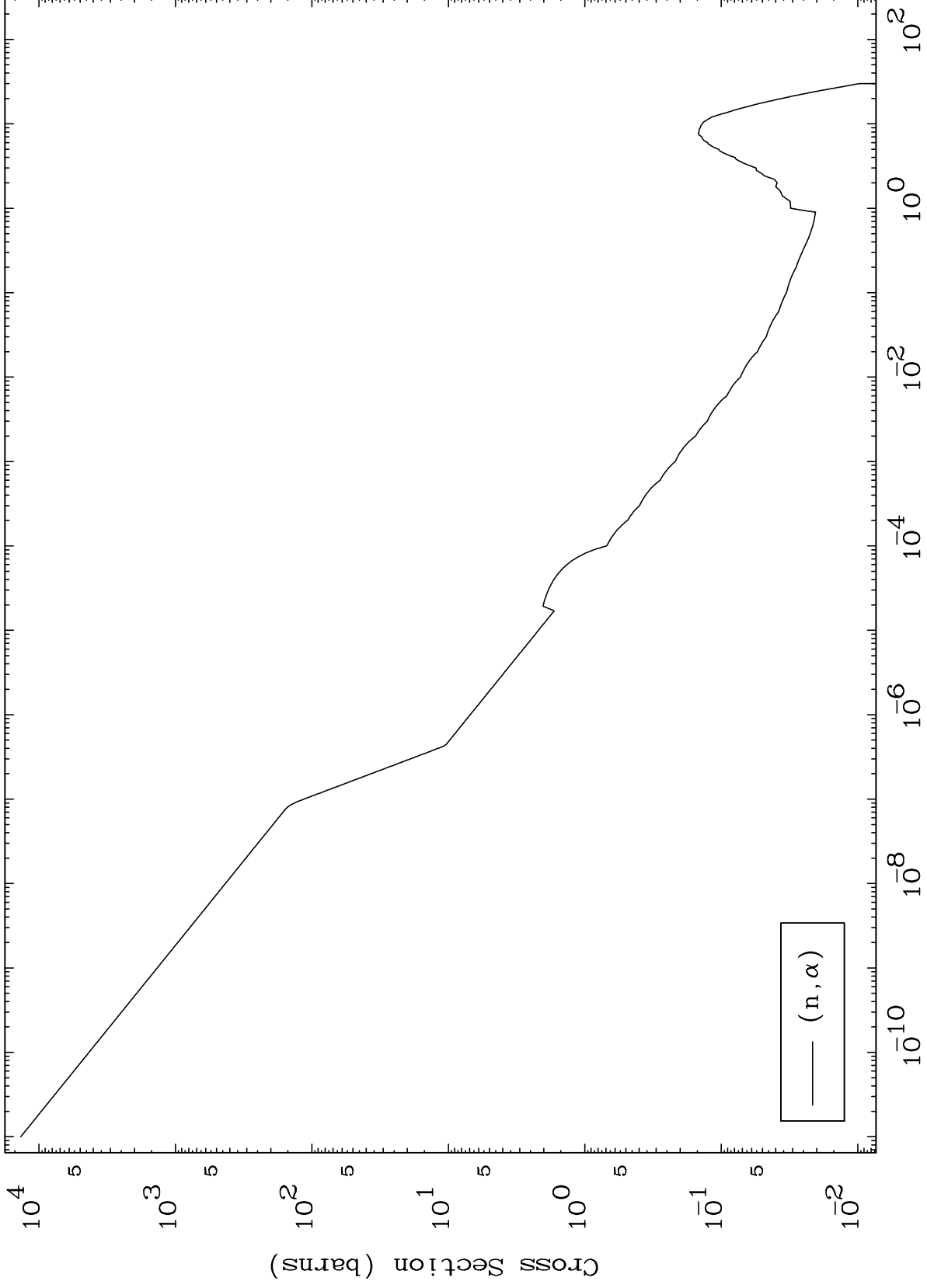
56-Ba-117



MAT 5586

(n,α) Levels
293 Kelvin Cross Sections

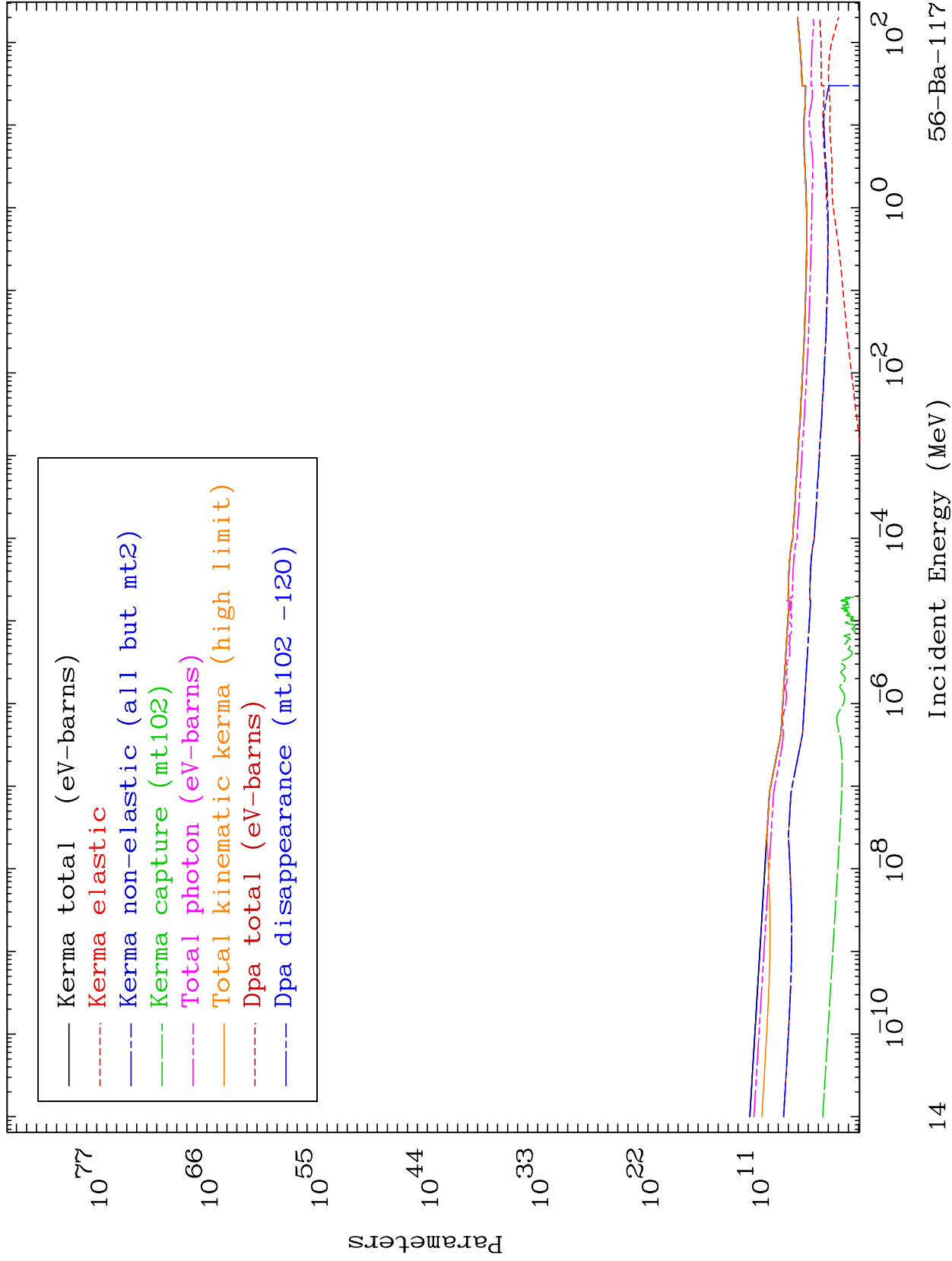
56-Ba-117



13

Incident Energy (MeV)

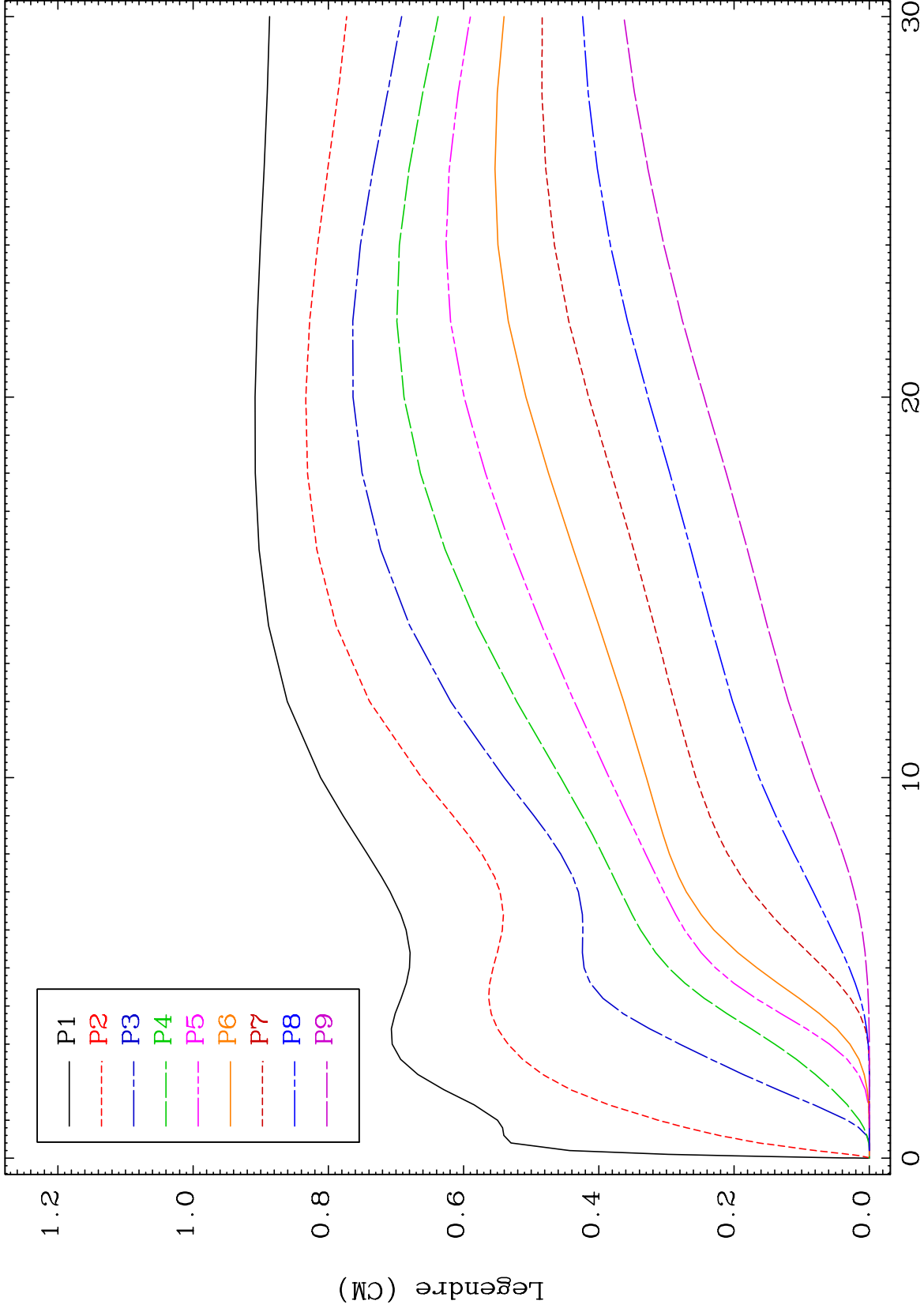
56-Ba-117



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Elastic Legendre Coefficients

56-Ba-117



Incident Energy (MeV)

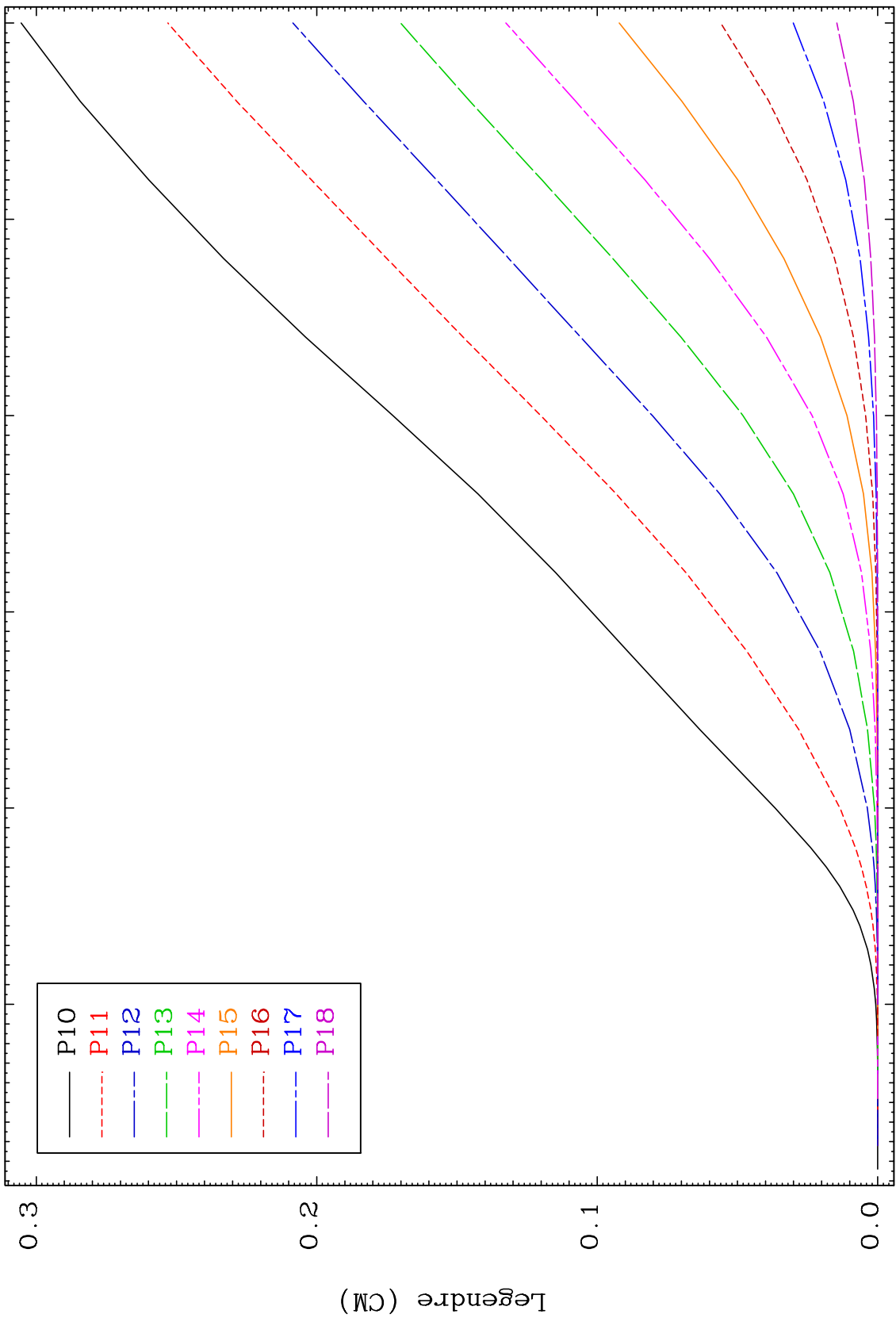
56-Ba-117

15

MAT 5586

Elastic Legendre Coefficients

56-Ba-117



16

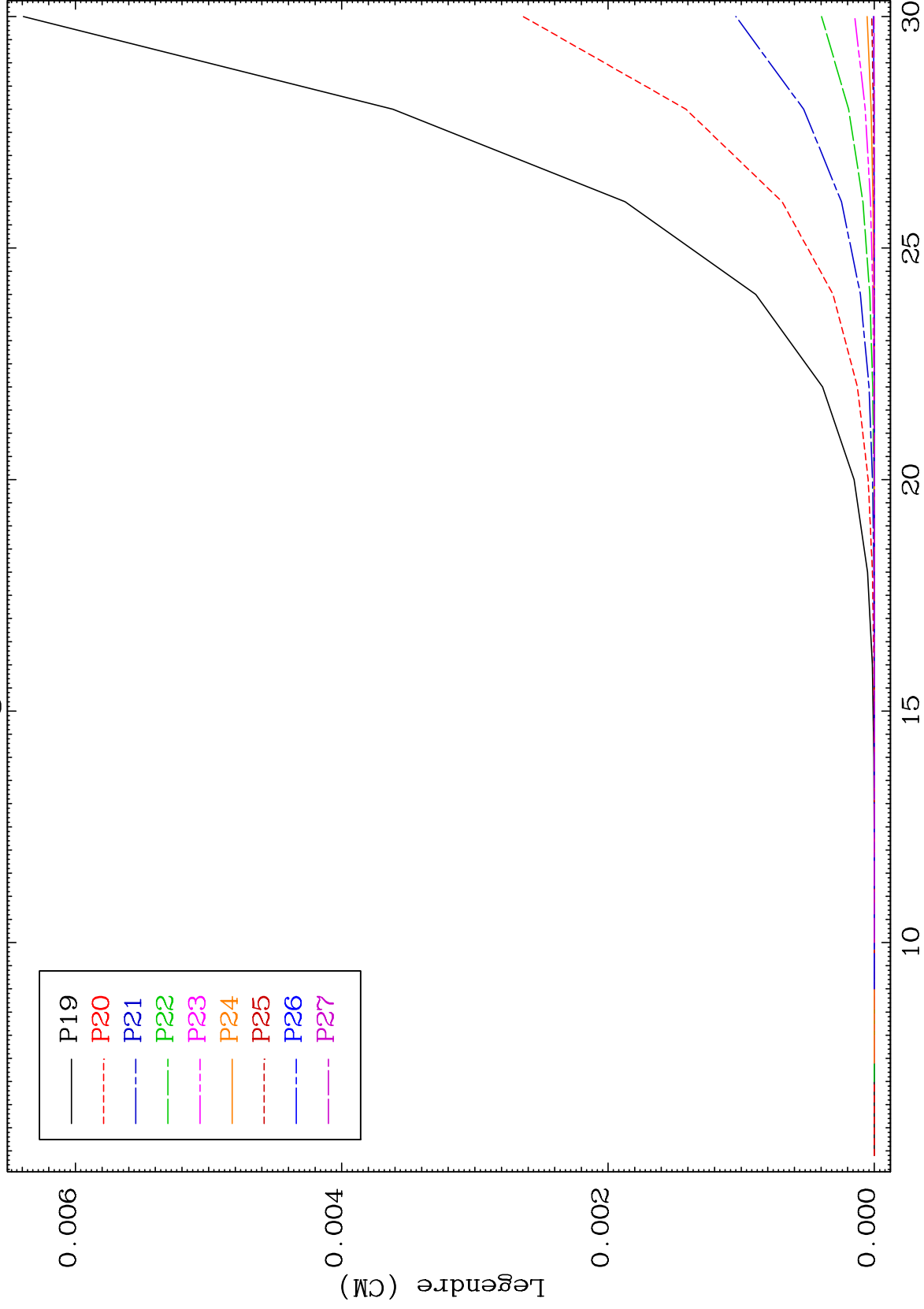
Incident Energy (MeV)

56-Ba-117

MAT 5586

Elastic Legendre Coefficients

56-Ba-117



17

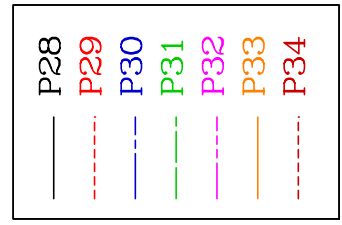
Incident Energy (MeV)

56-Ba-117

MAT 5586

Elastic Legendre Coefficients

56-Ba-117

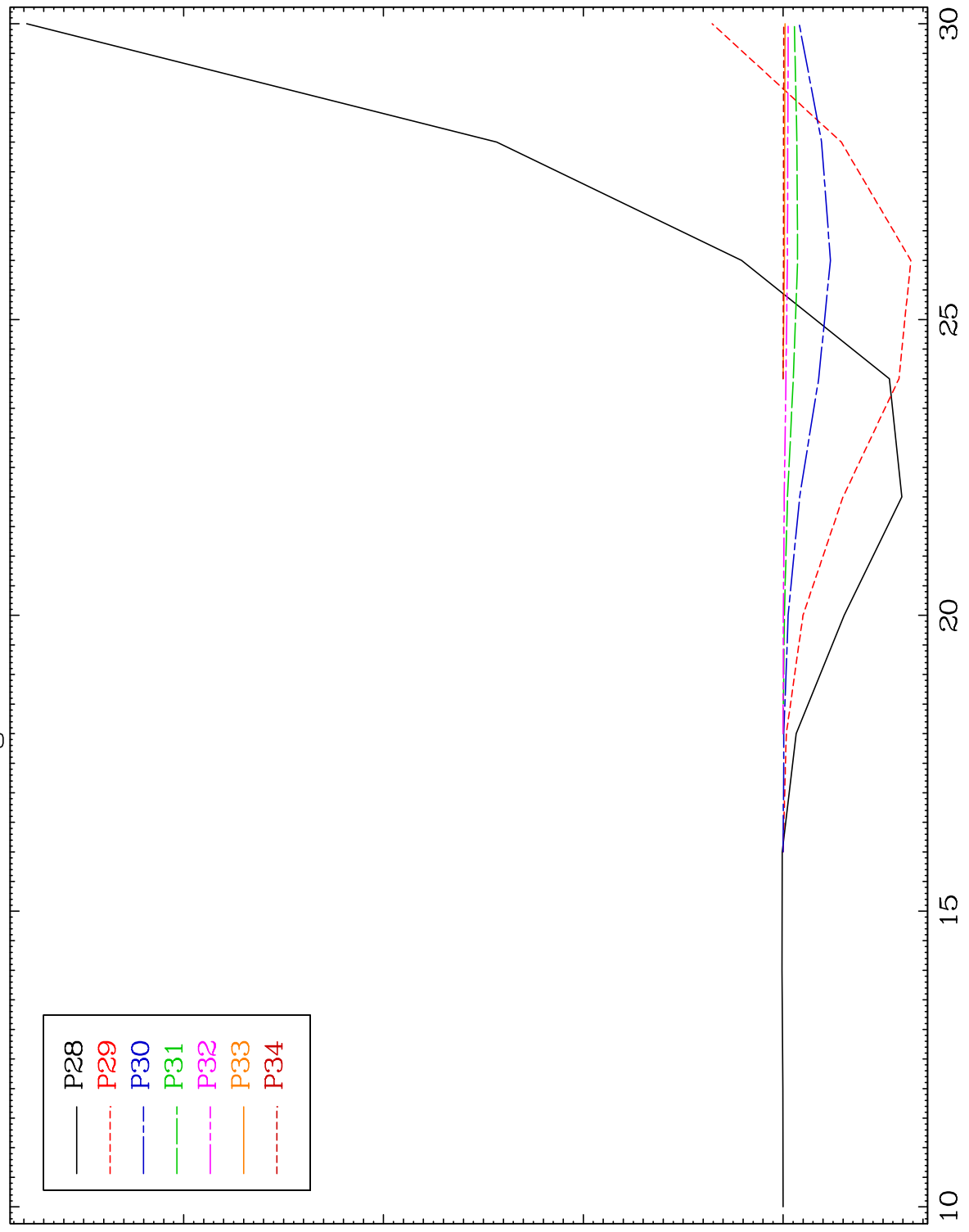


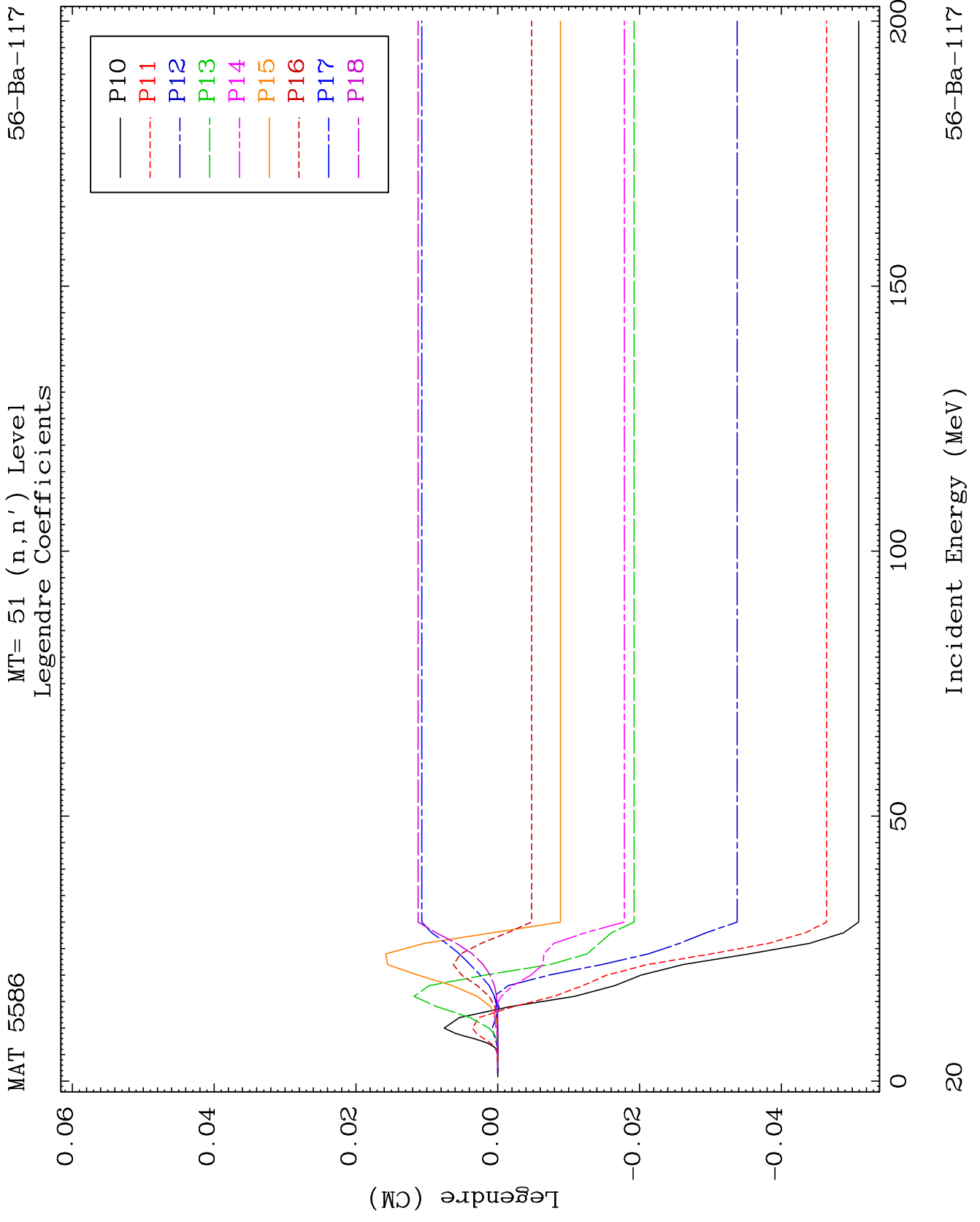
$\times 10^{-7}$

Legendre (CM)

Incident Energy (MeV)

56-Ba-117

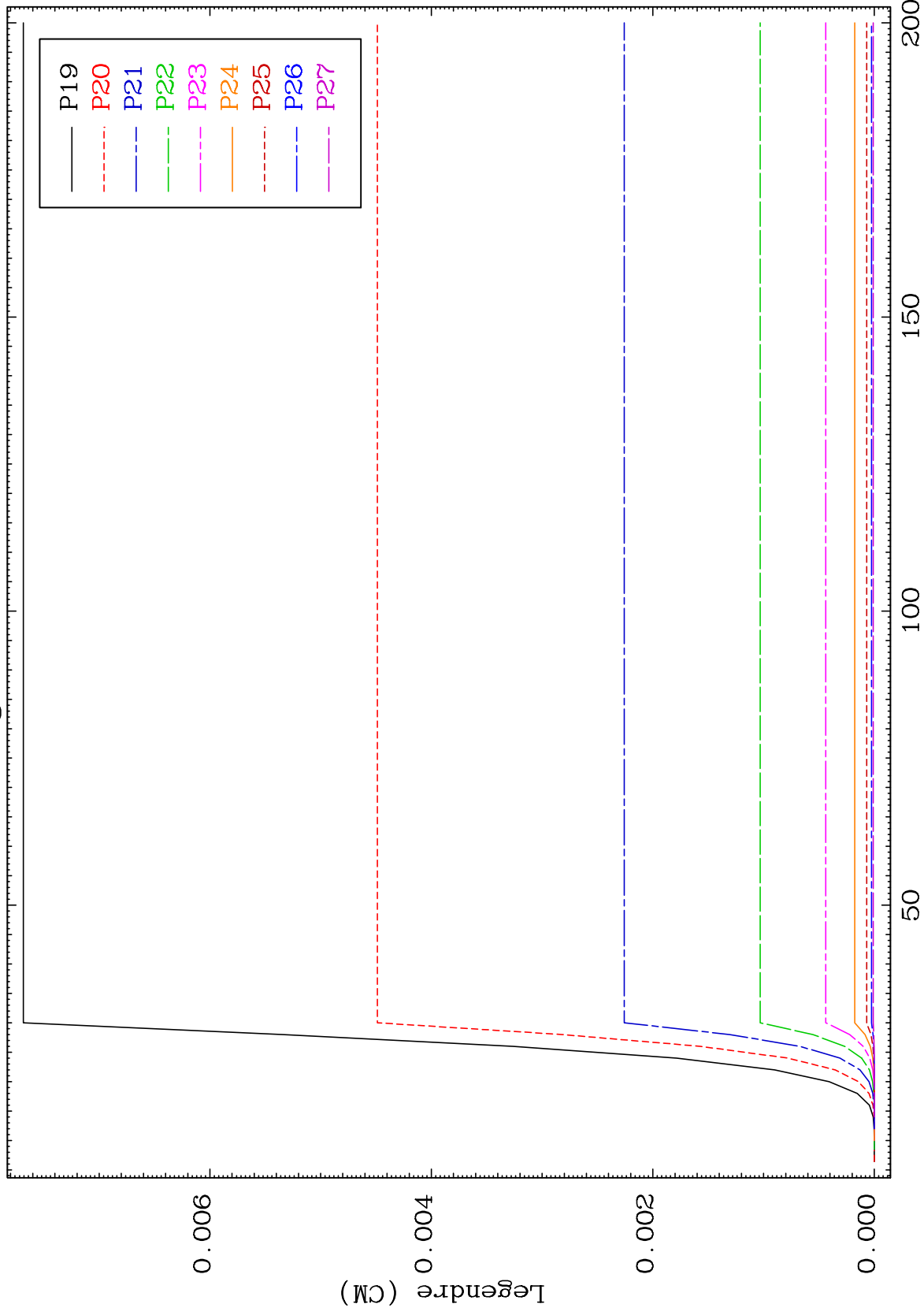




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MT= 51 (n,n') Level
Legendre Coefficients

56-Ba-117



21

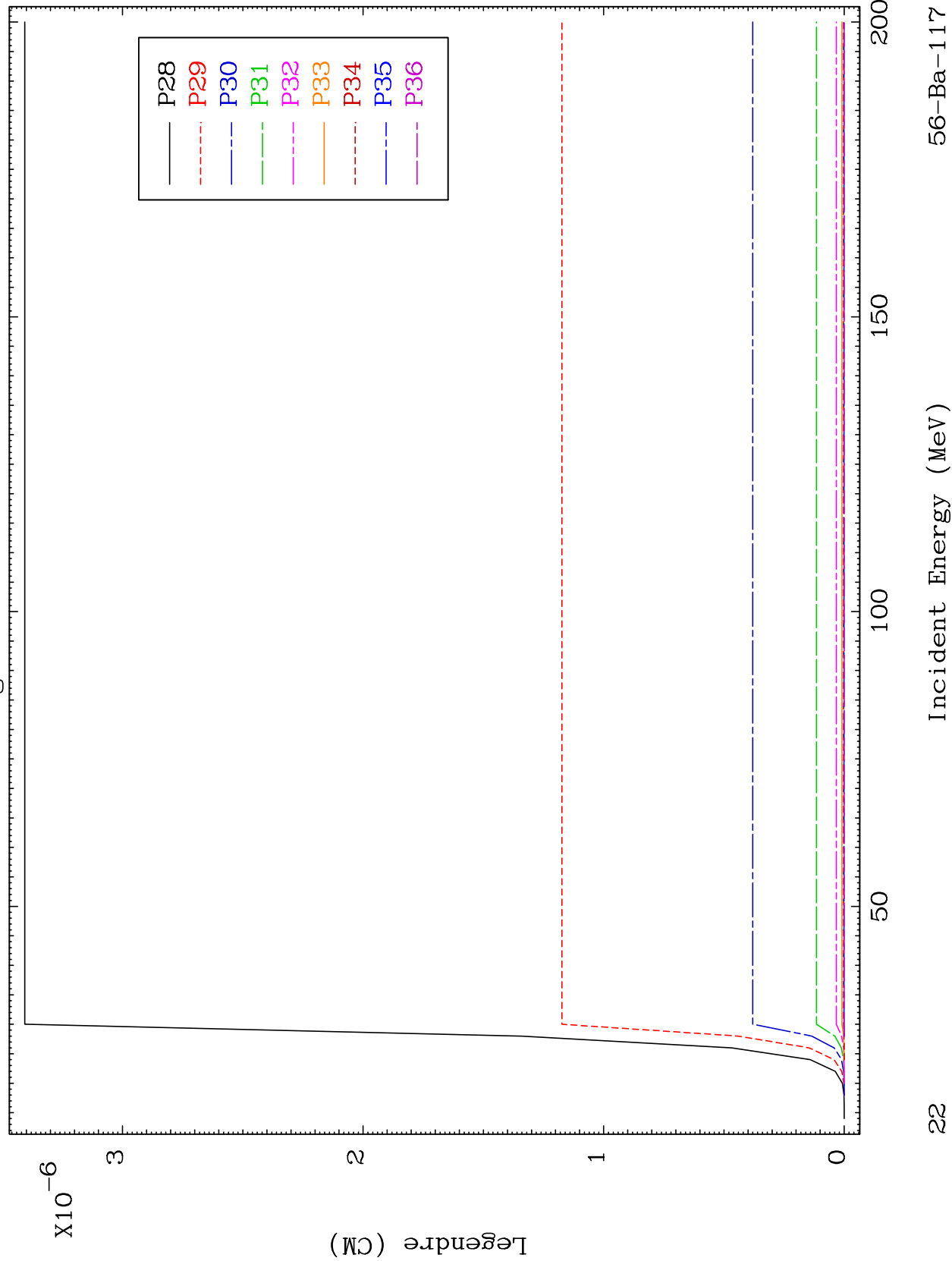
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



22

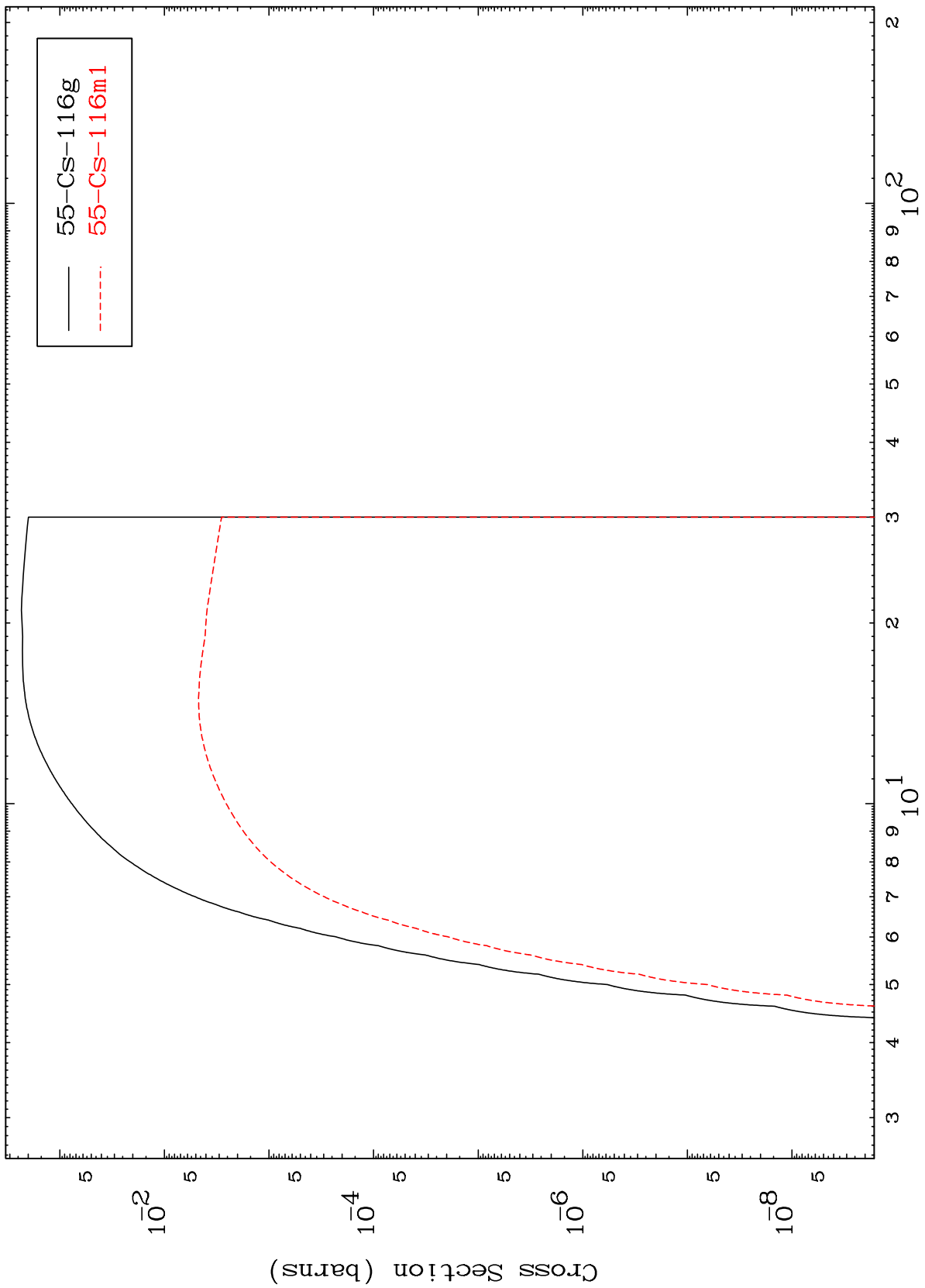
Incident Energy (MeV)

56-Ba-117

MAT 5586

56-Ba-117

(n, n') p
Radionuclide Production Cross Section



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

23

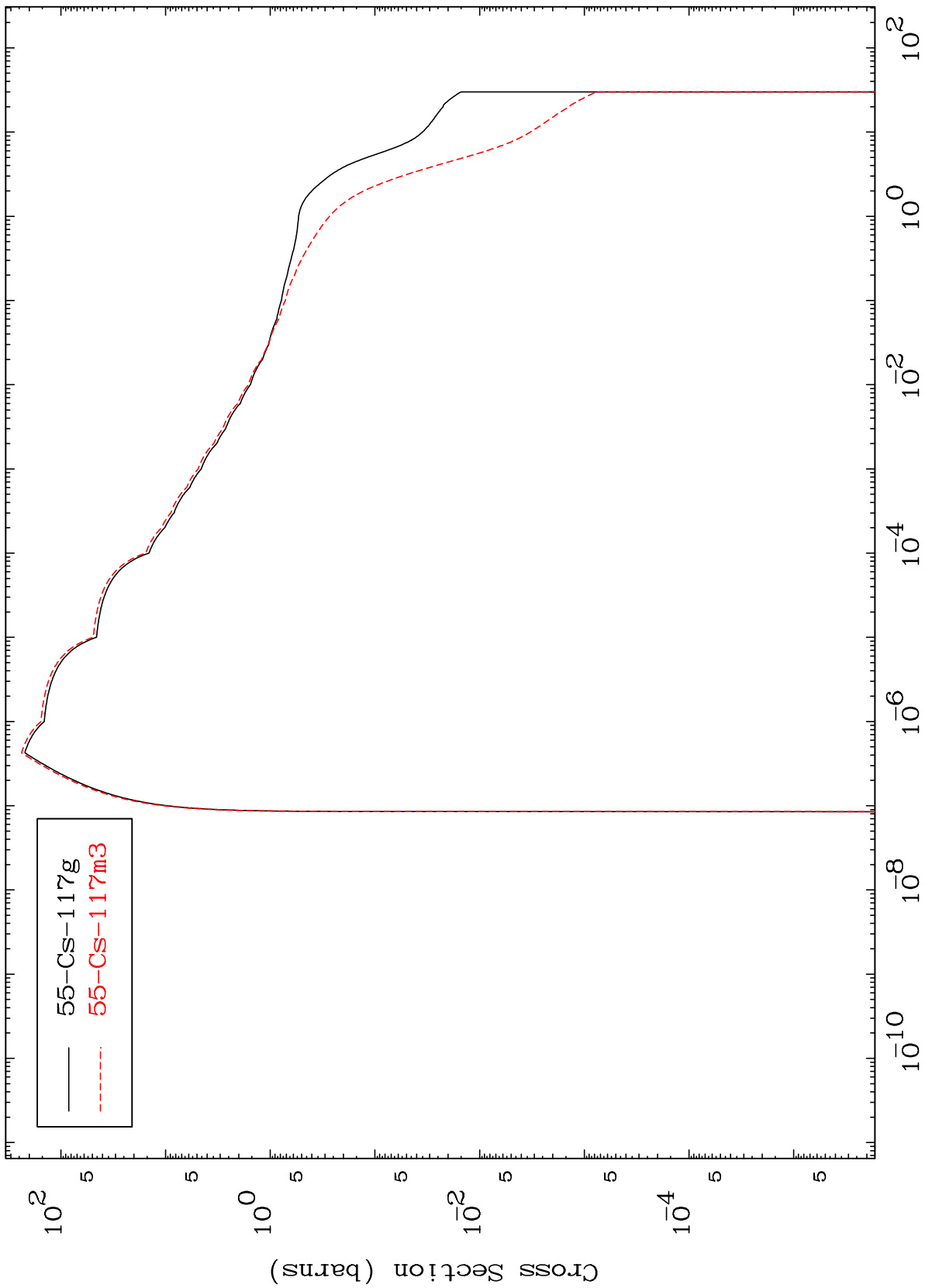
Incident Energy (MeV)

56-Ba-117

MAT 5586

56-Ba-117

(n,p)
Radionuclide Production Cross Section



55-Cs-117g
55-Cs-117m3

56-Ba-117

Incident Energy (MeV)

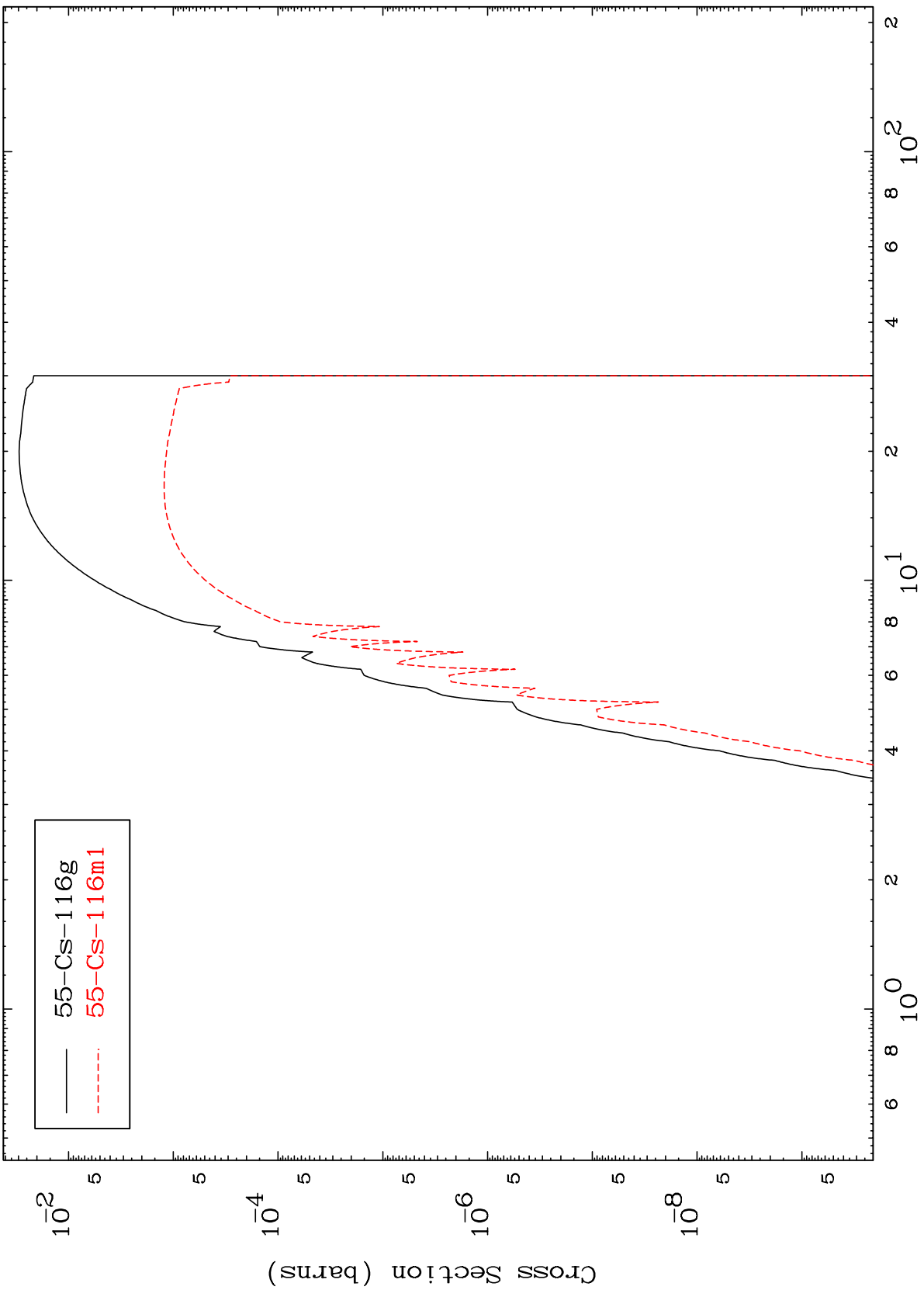
24

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(n,d)

56-Ba-117

Radionuclide Production Cross Section



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

25

Incident Energy (MeV)

56-Ba-117