

Program EVALPLOT
(Version 2021-1)

by

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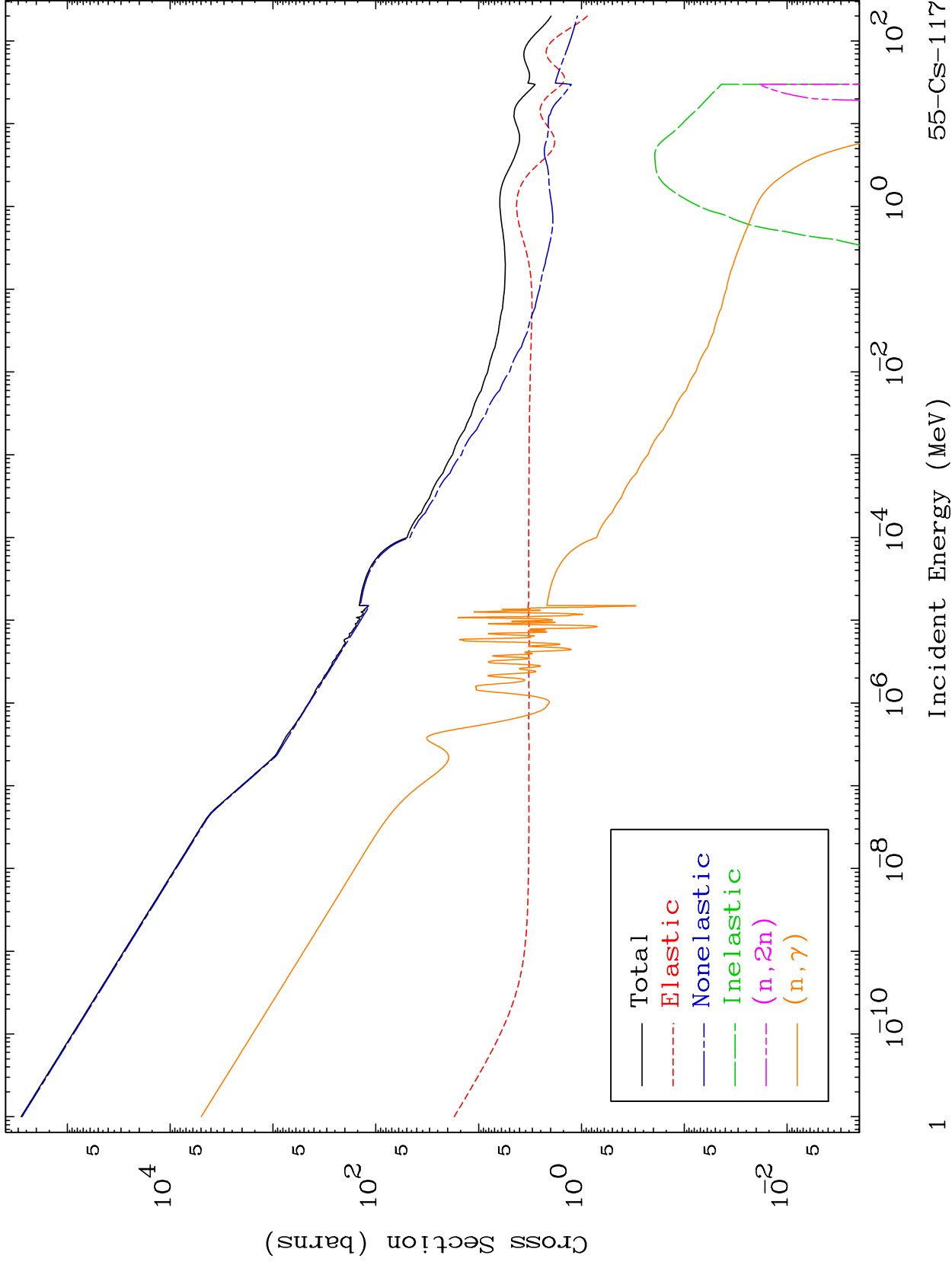
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5477

Neutron Major
293 Kelvin Cross Sections

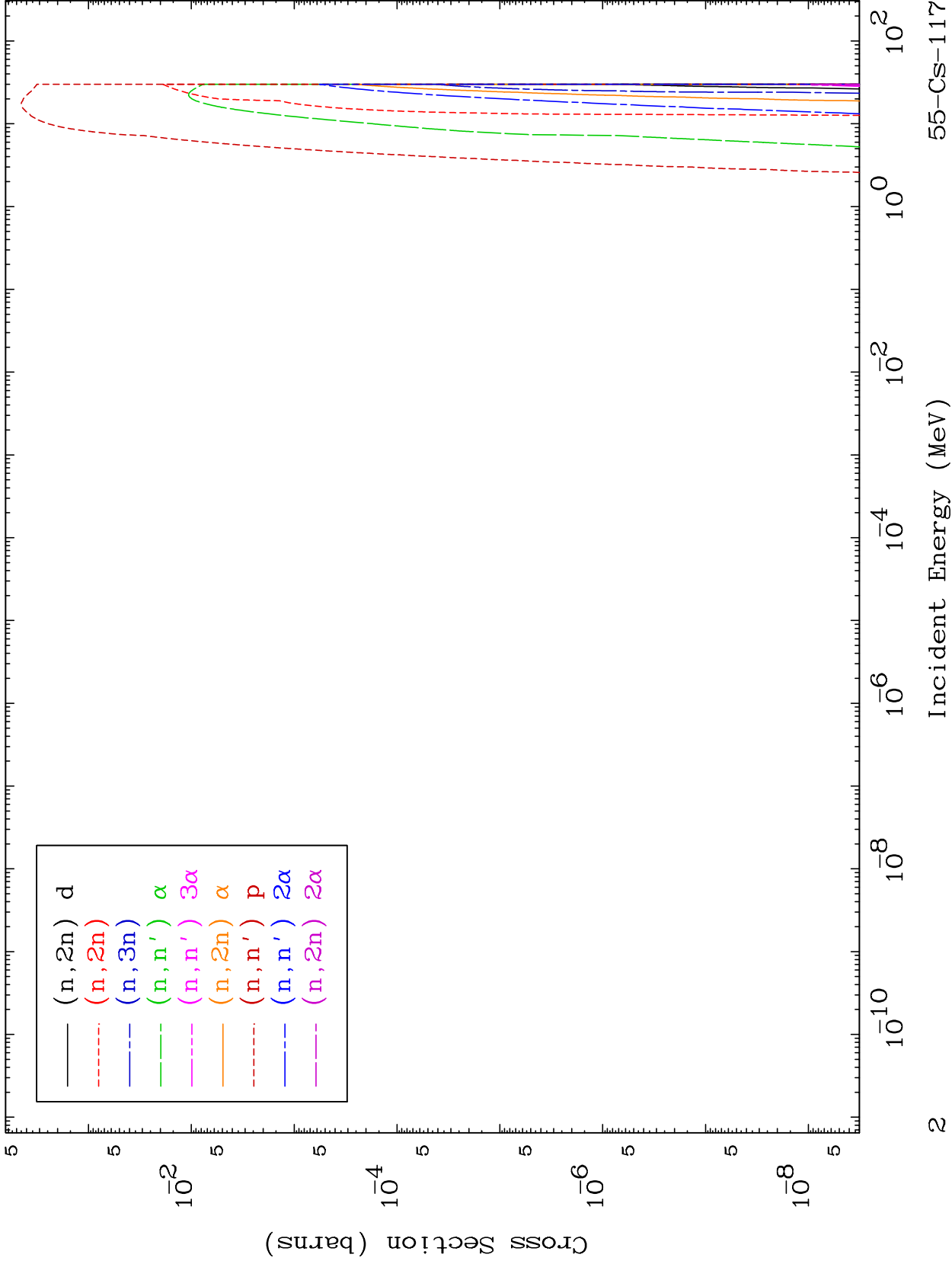
55-Cs-117

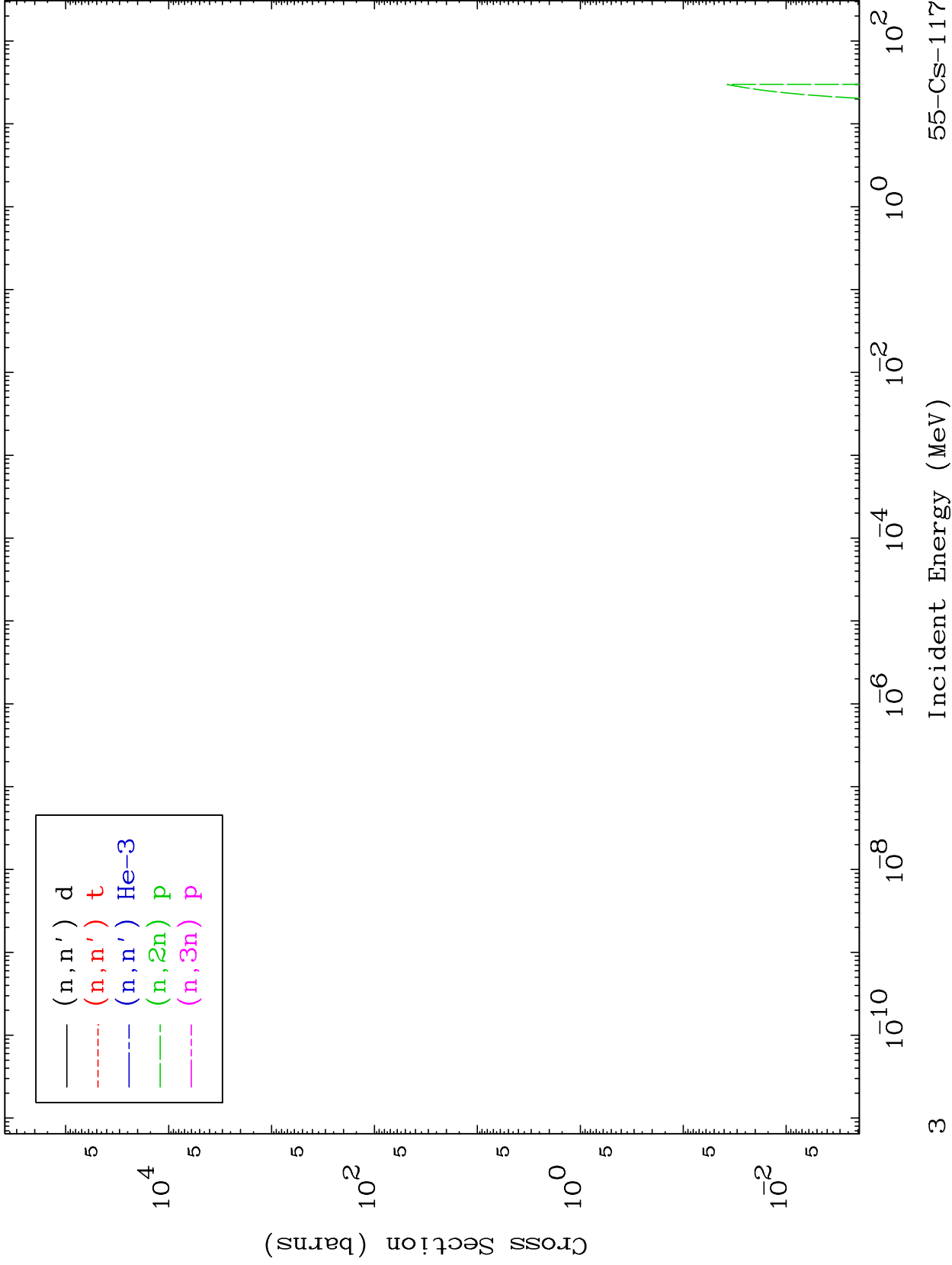


MAT 5477

Neutron Absorption
293 Kelvin Cross Sections

55-Cs-117

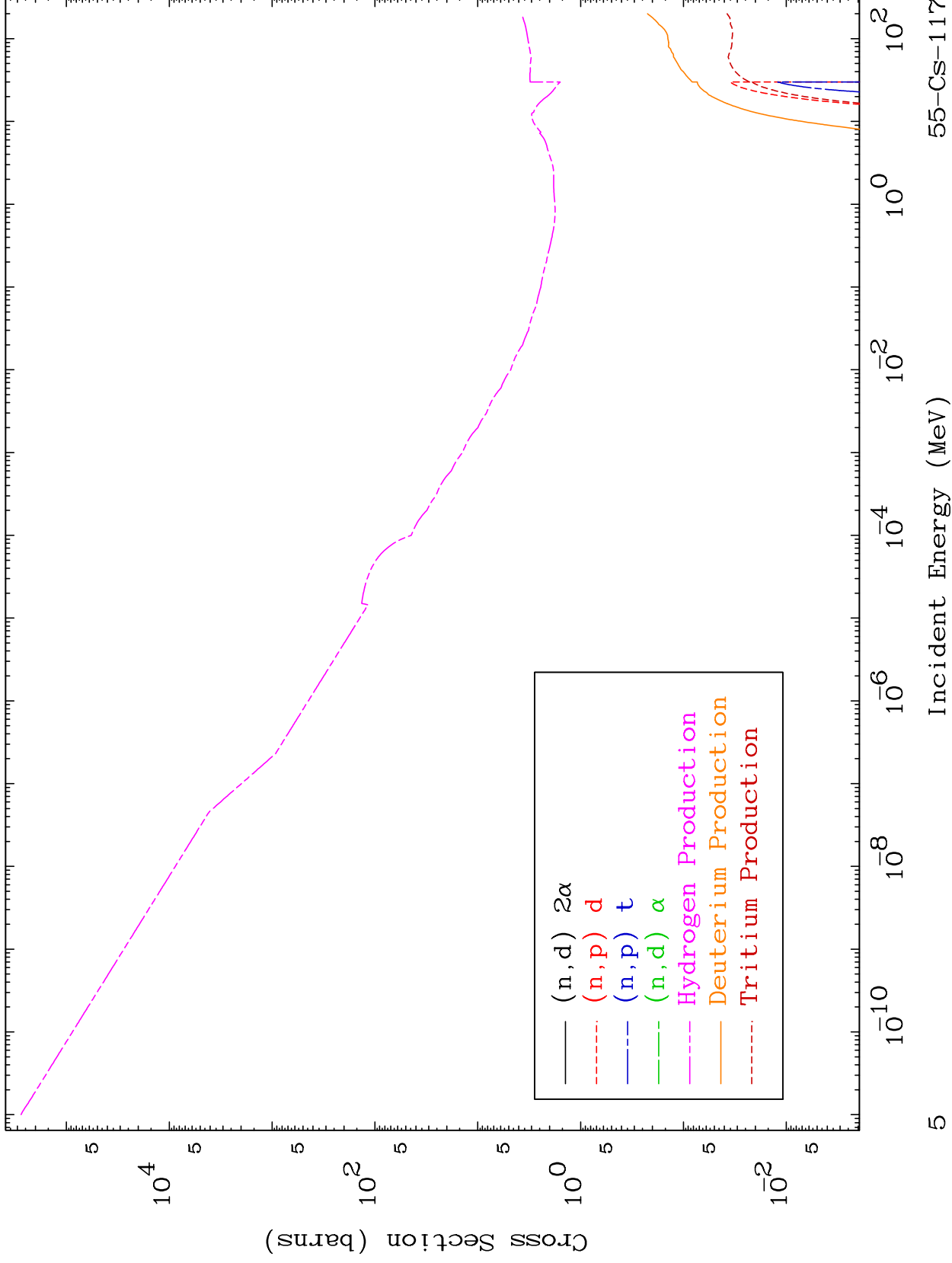




MAT 5477

Neutron Absorption
293 Kelvin Cross Sections

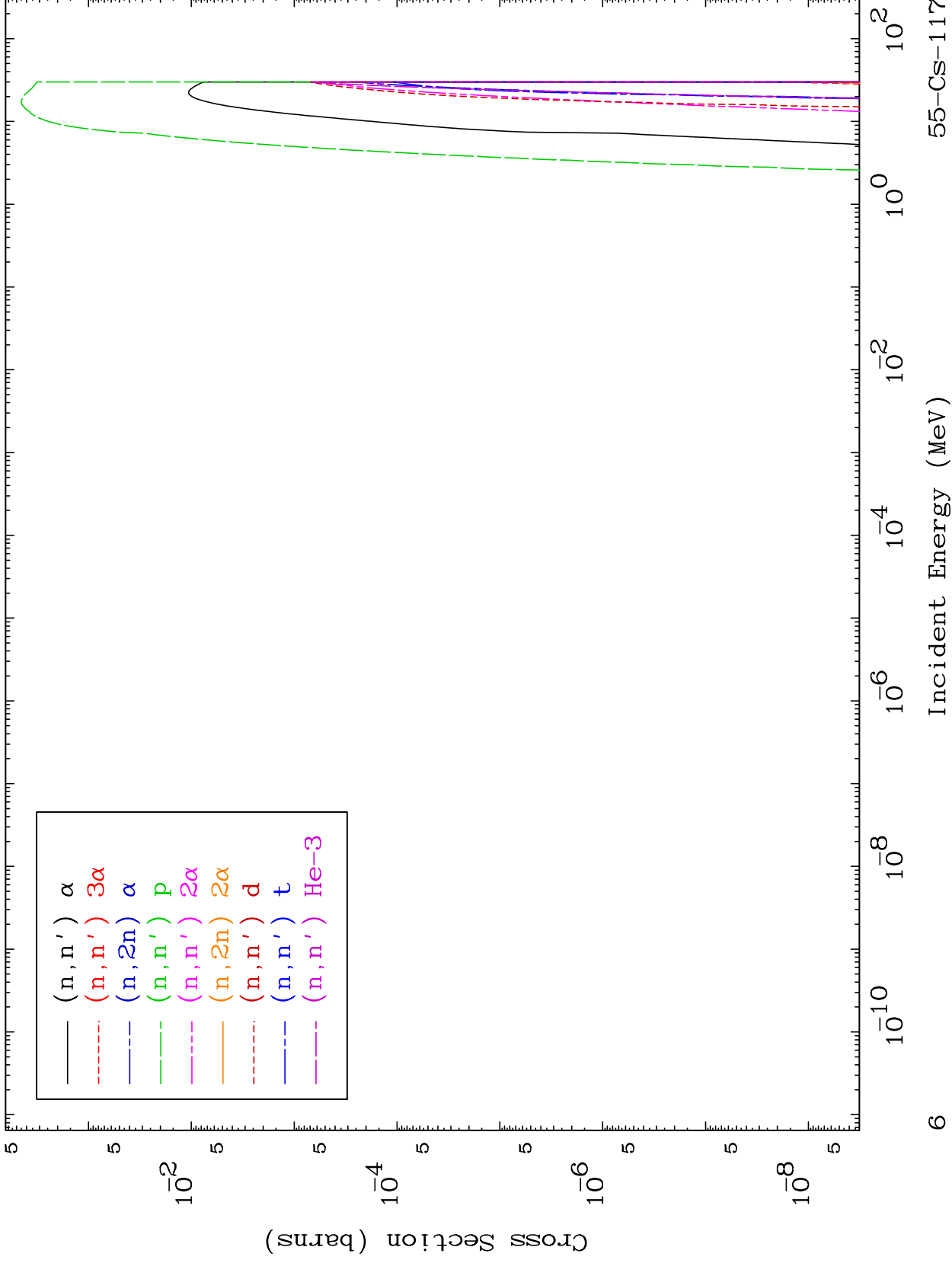
55-Cs-117



MAT 5477

Charged Particle
293 Kelvin Cross Sections

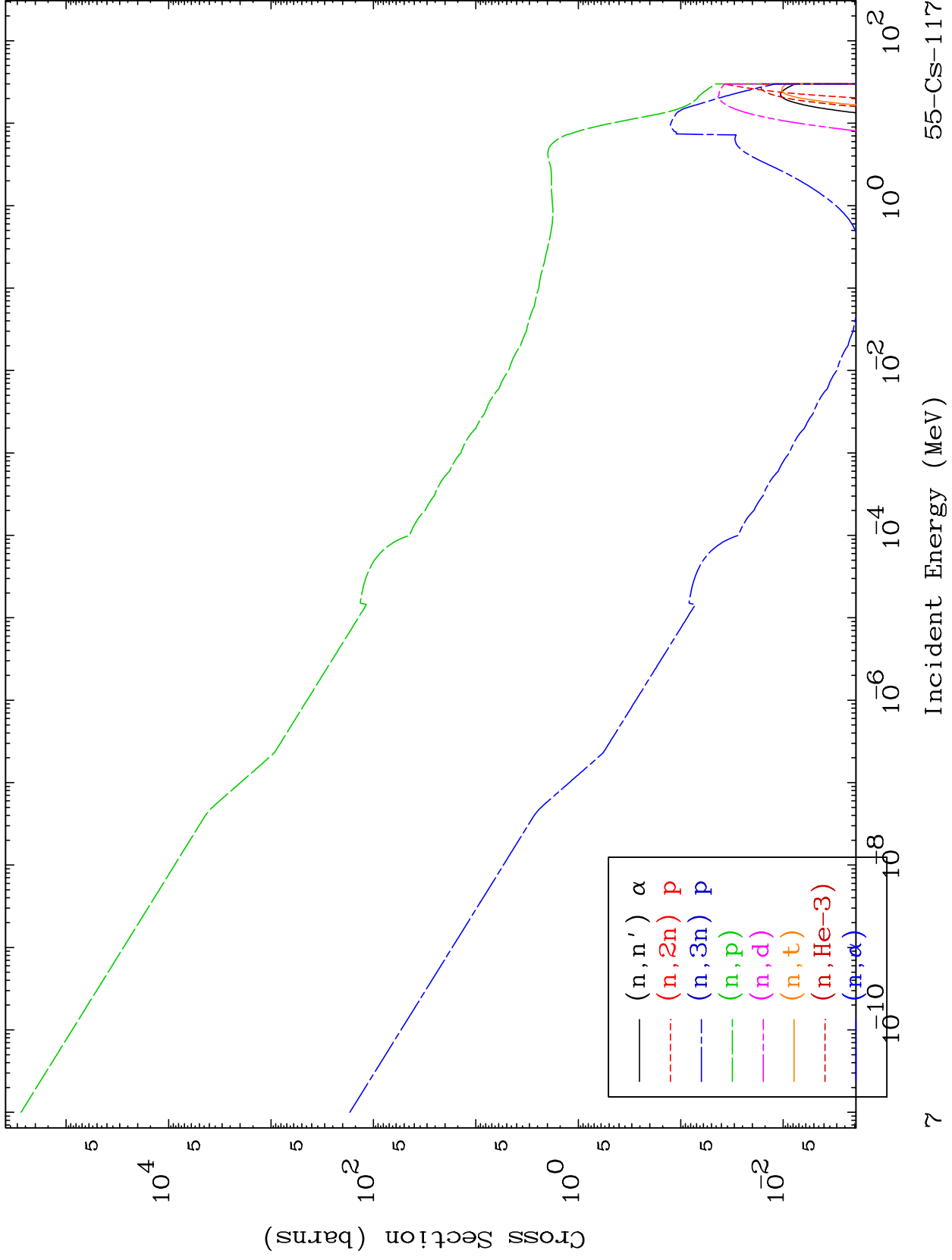
55-Cs-117



MAT 5477

Charged Particle
293 Kelvin Cross Sections

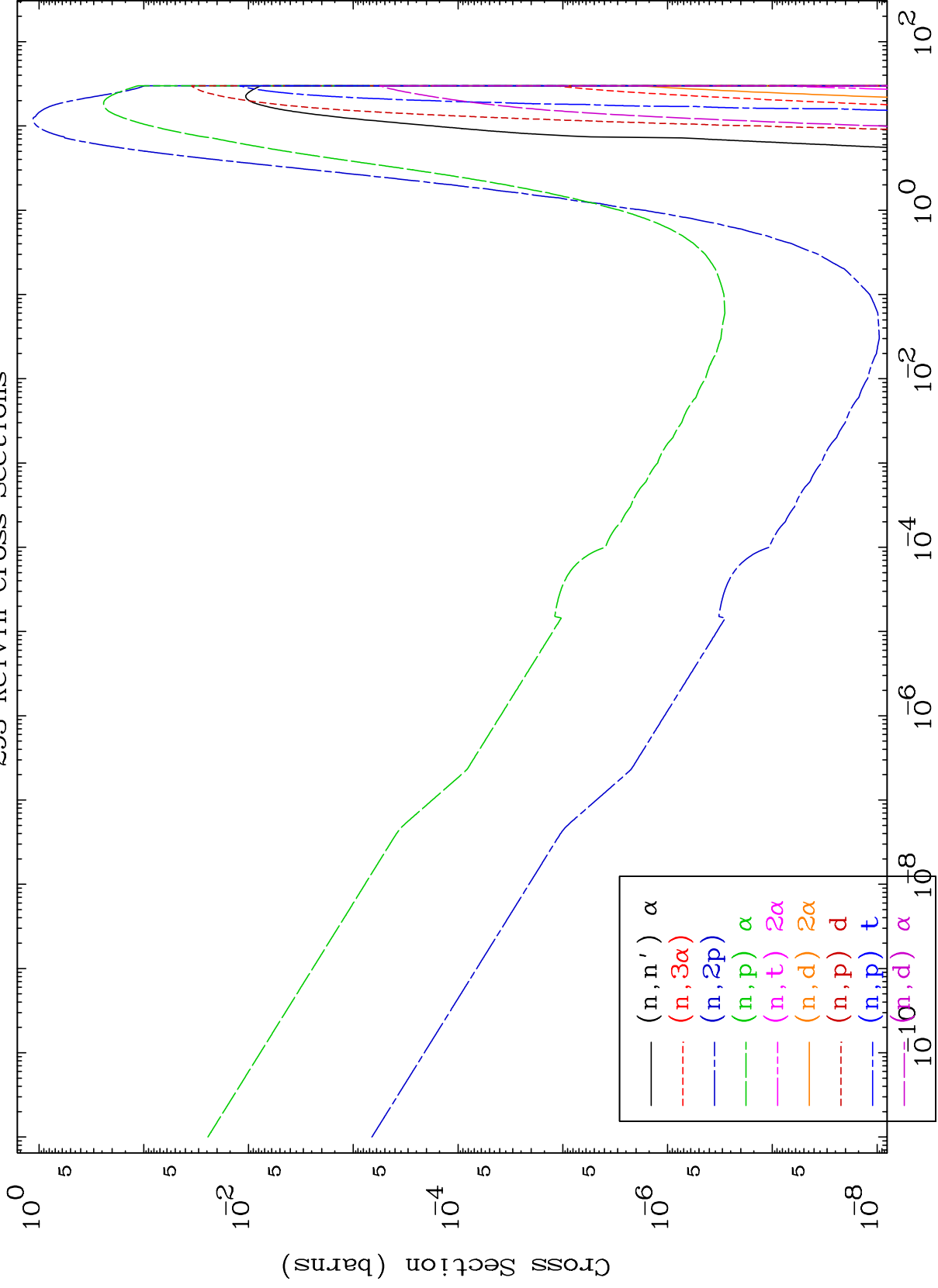
55-Cs-117



MAT 54777

Charged Particle
293 Kelvin Cross Sections

55-Cs-117



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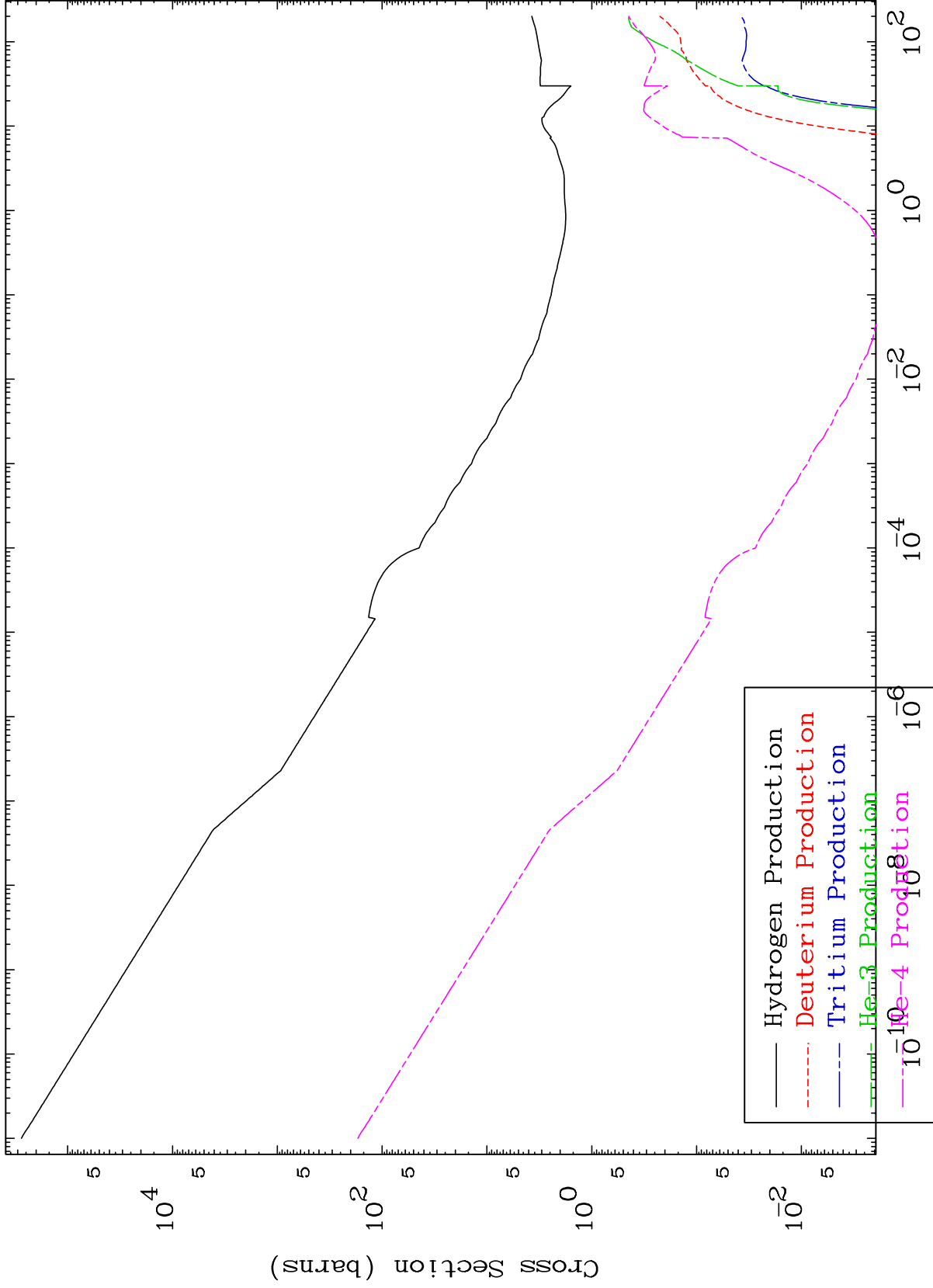
Incident Energy (MeV)

55-Cs-117

MAT 5477

Particle Production
293 Kelvin Cross Sections

55-Cs-117



Incident Energy (MeV)

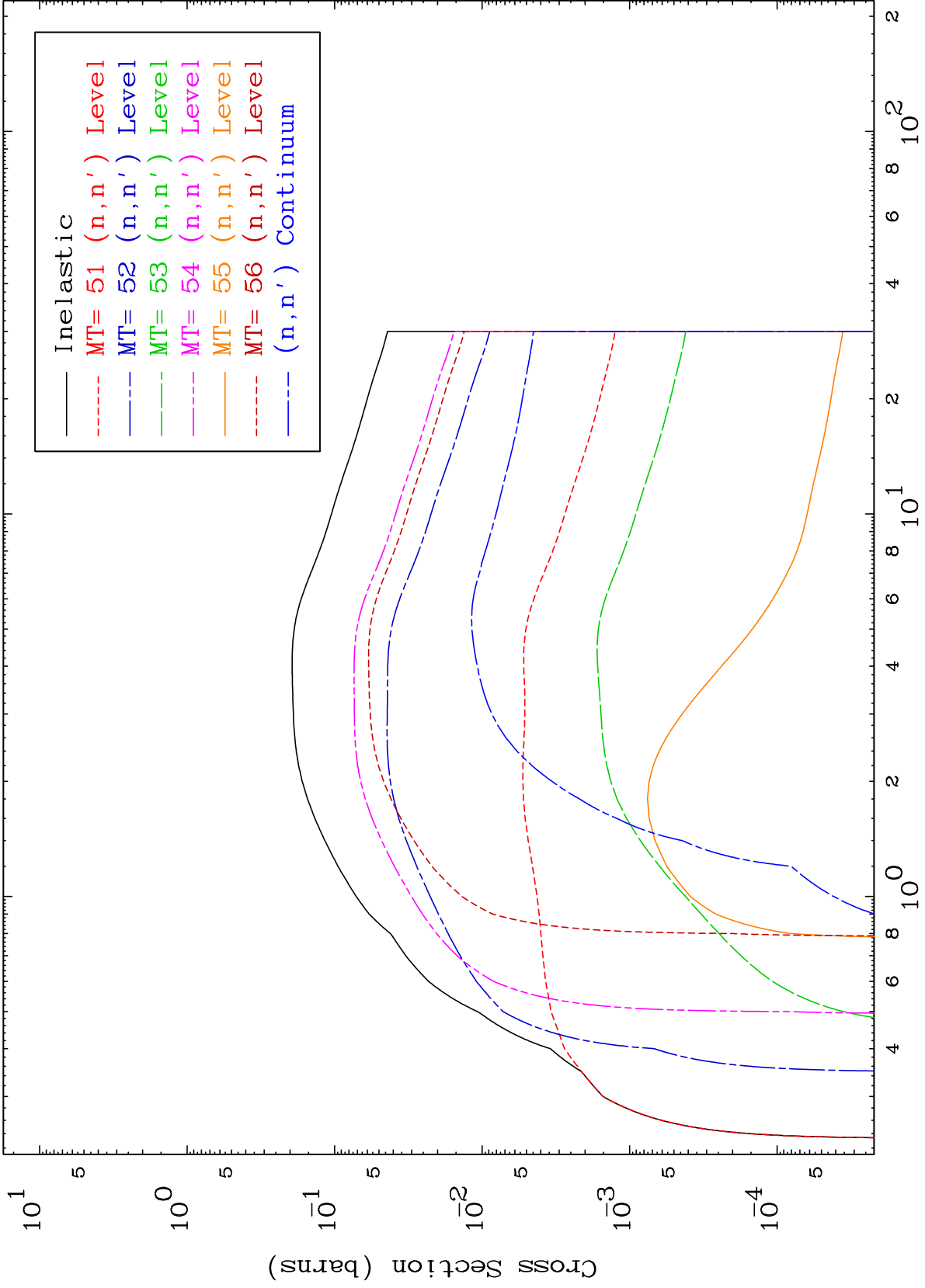
55-Cs-117

MAT 5477

(n,n') Levels

55-Cs-117

293 Kelvin Cross Sections



10

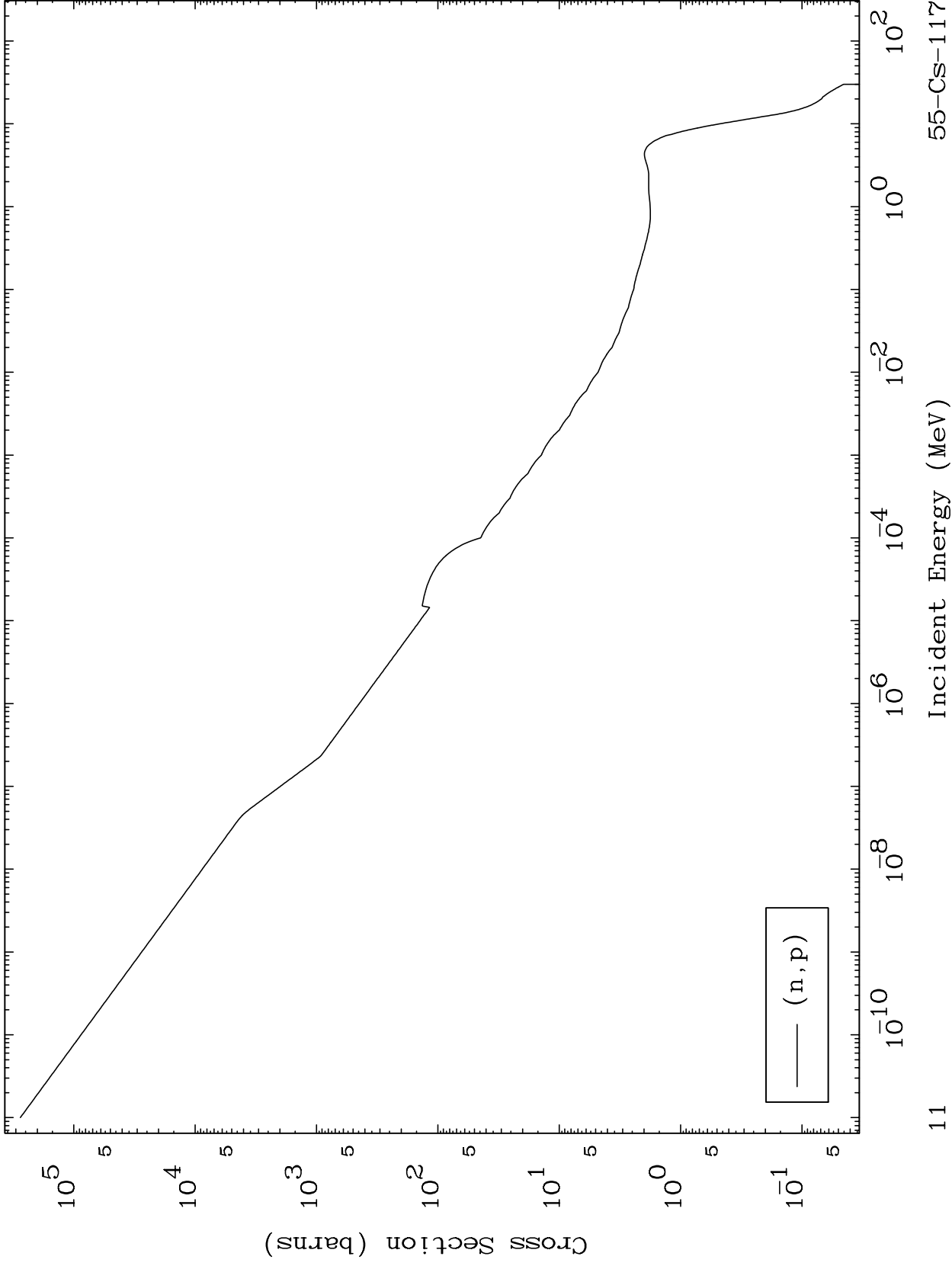
Incident Energy (MeV)

55-Cs-117

MAT 5477

(n,p) Levels
293 Kelvin Cross Sections

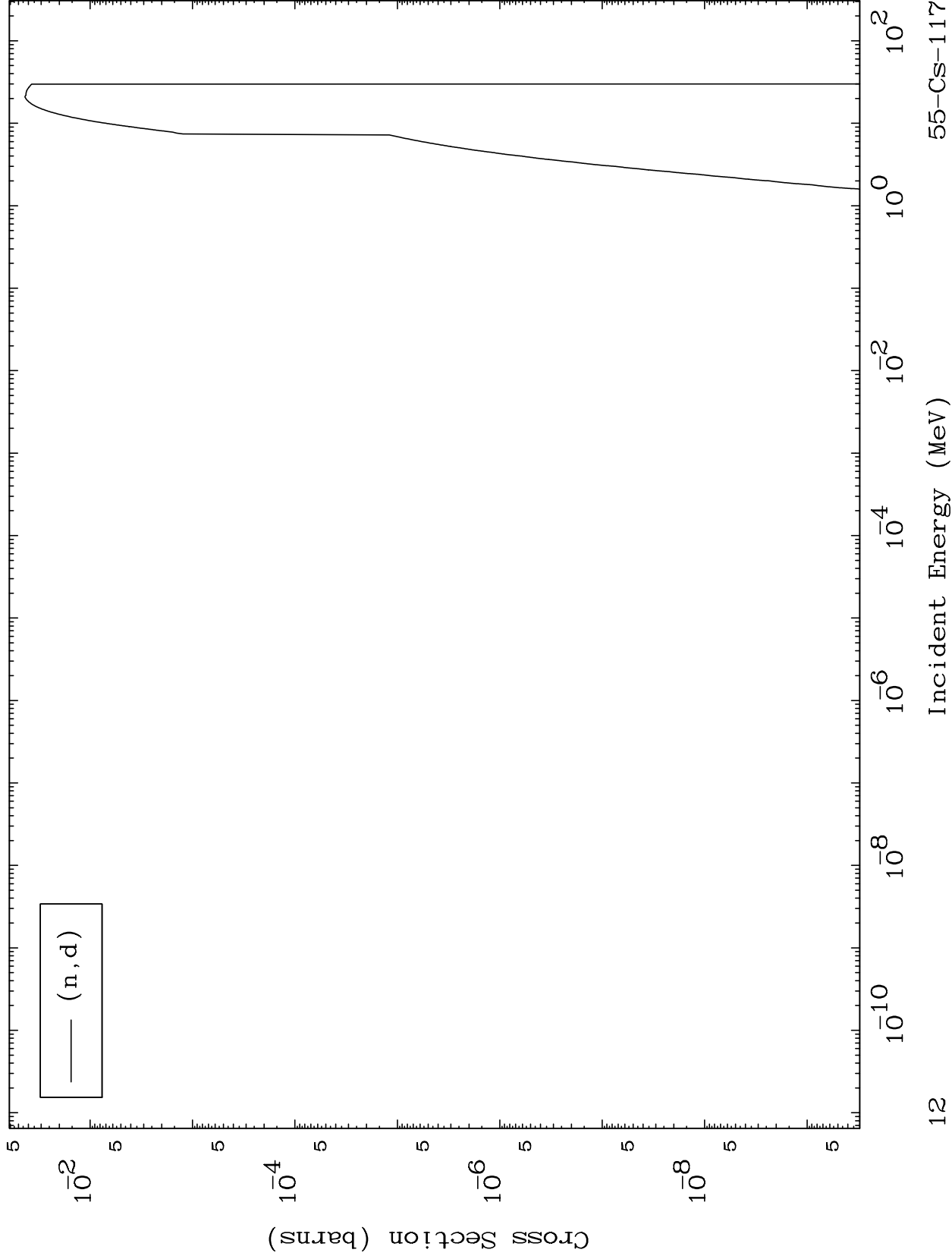
55-Cs-117



MAT 5477

(n,d) Levels
293 Kelvin Cross Sections

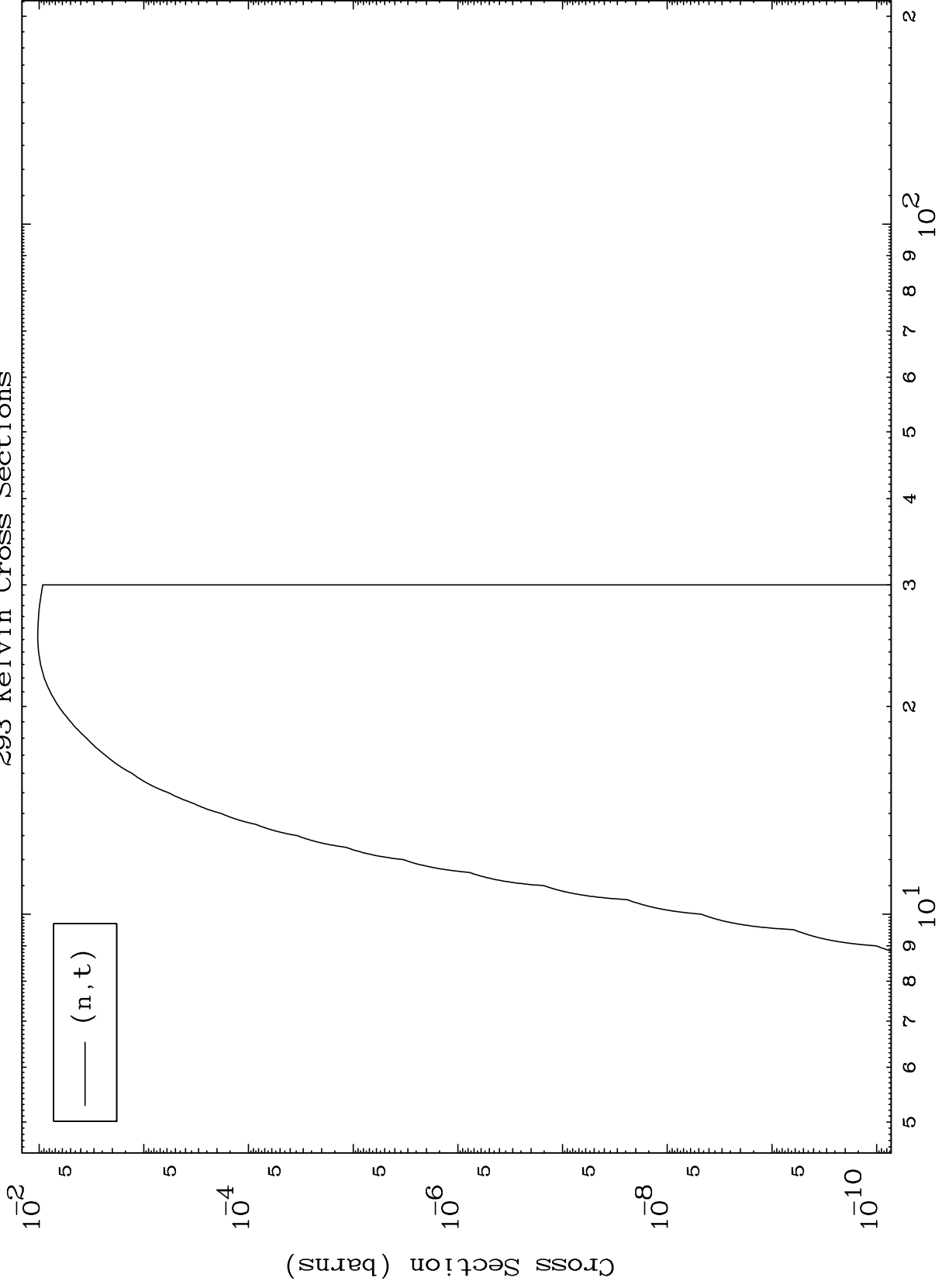
55-Cs-117



MAT 5477

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-117



13

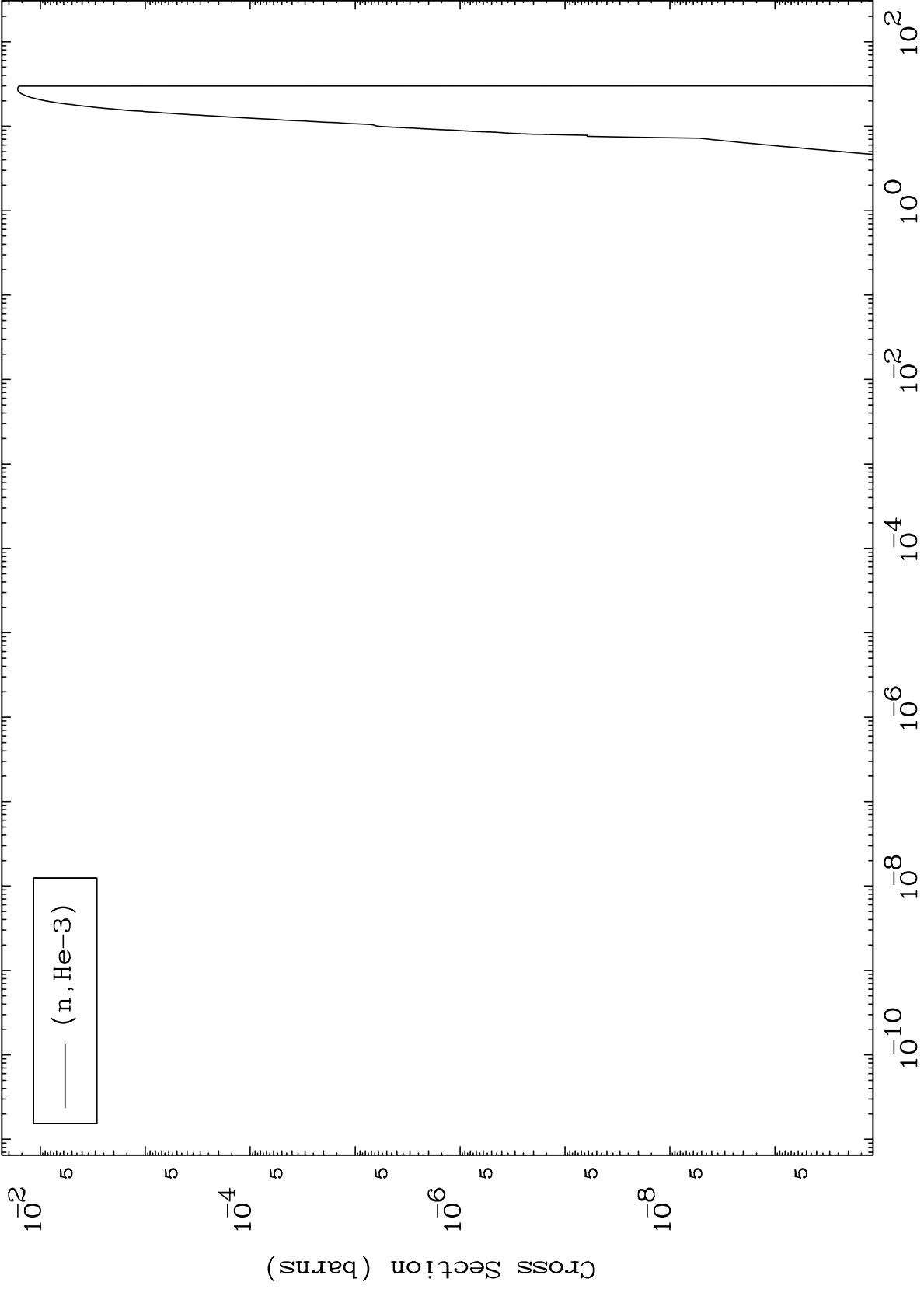
Incident Energy (MeV)

55-Cs-117

MAT 5477

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-117



14

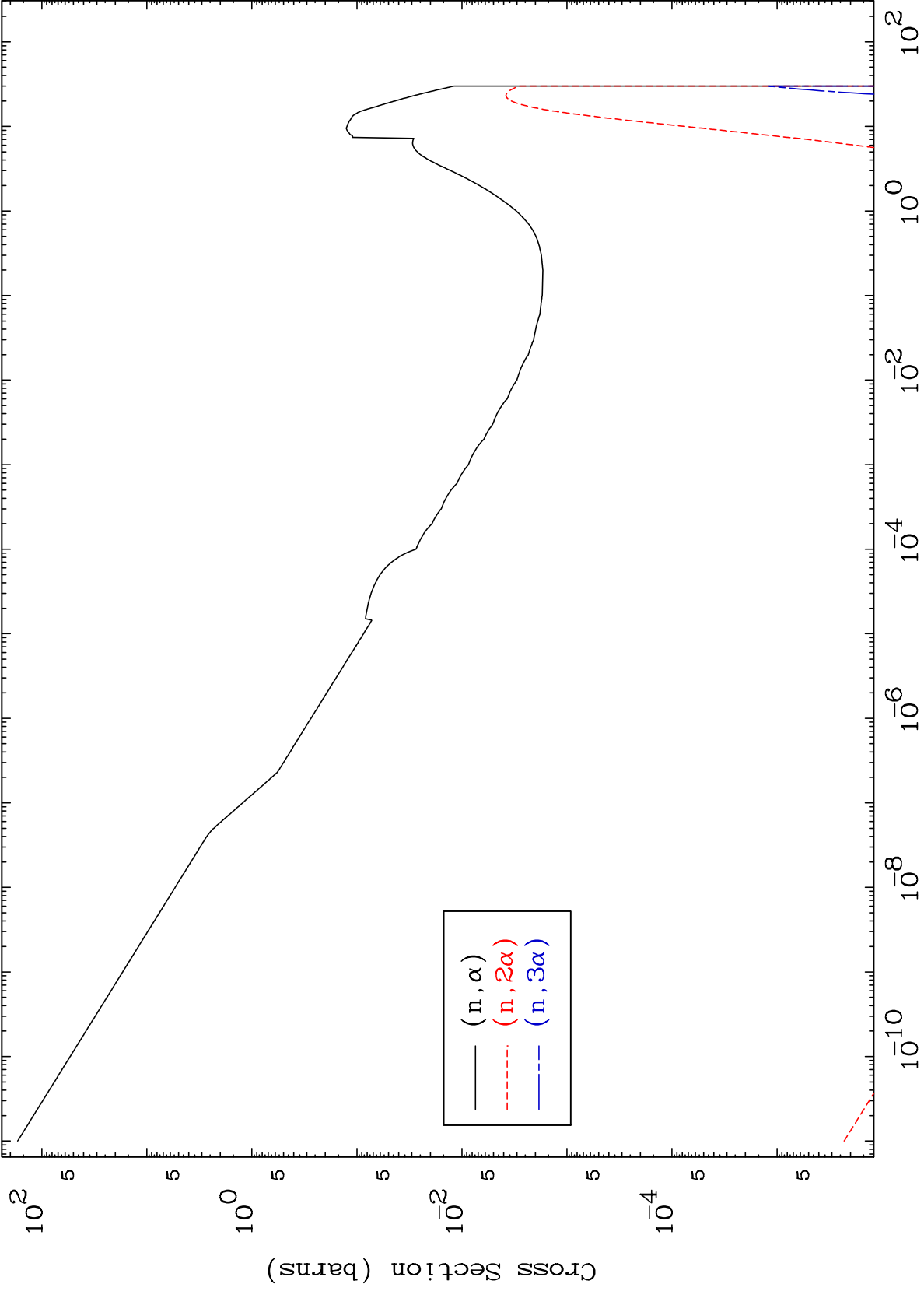
Incident Energy (MeV)

55-Cs-117

MAT 5477

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-117



15

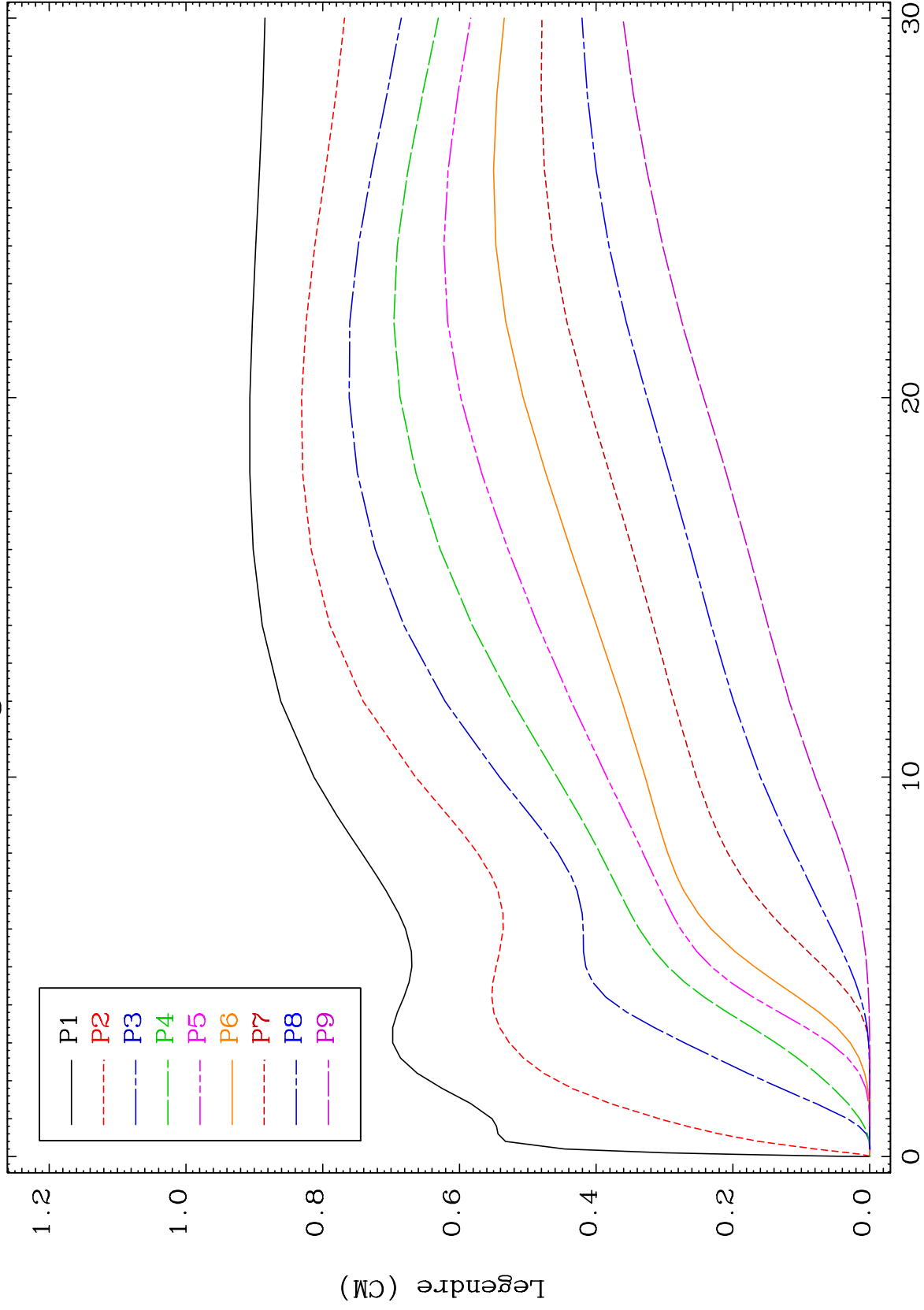
Incident Energy (MeV)

55-Cs-117

MAT 5477

Elastic Legendre Coefficients

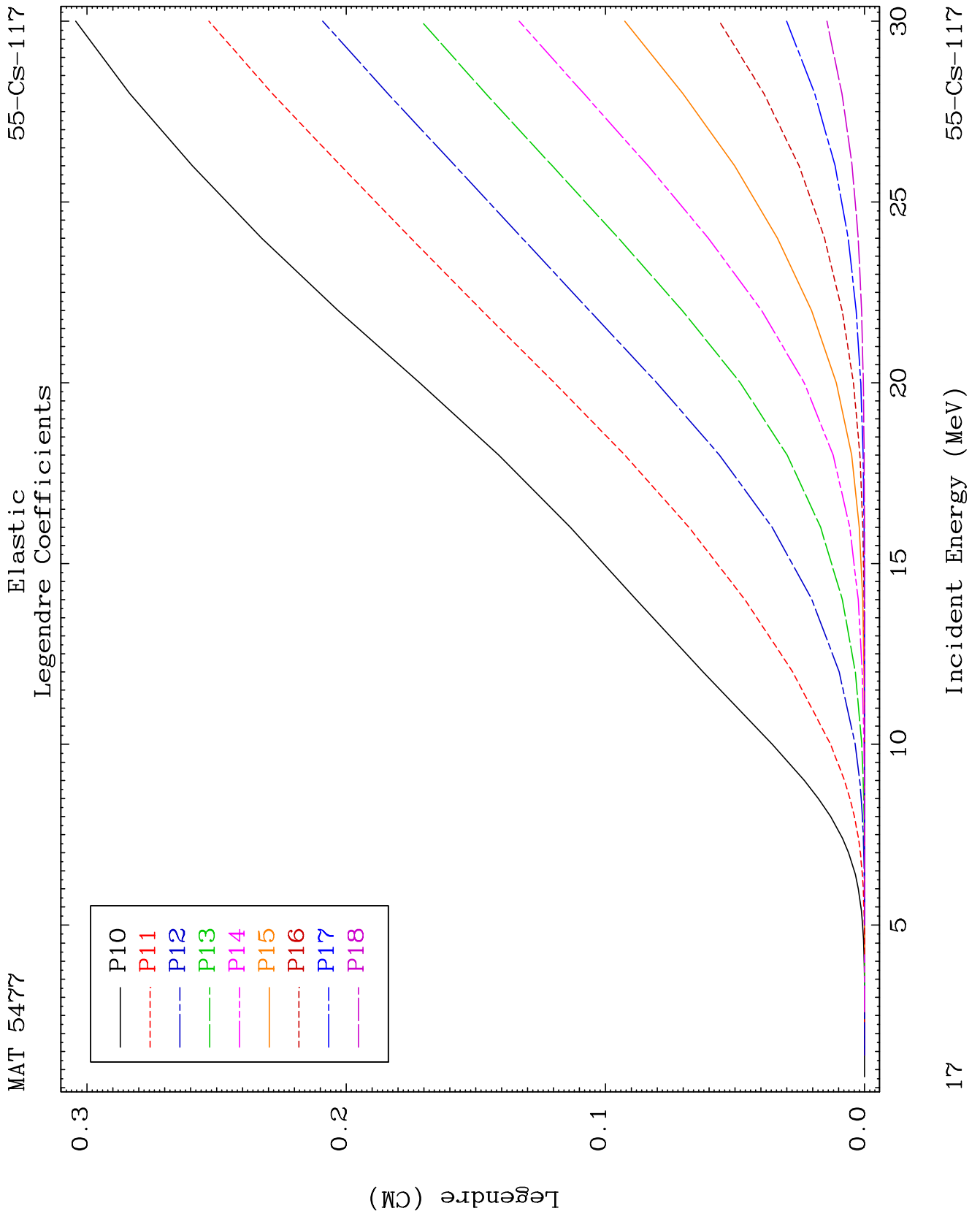
55-Cs-117



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Incident Energy (MeV)

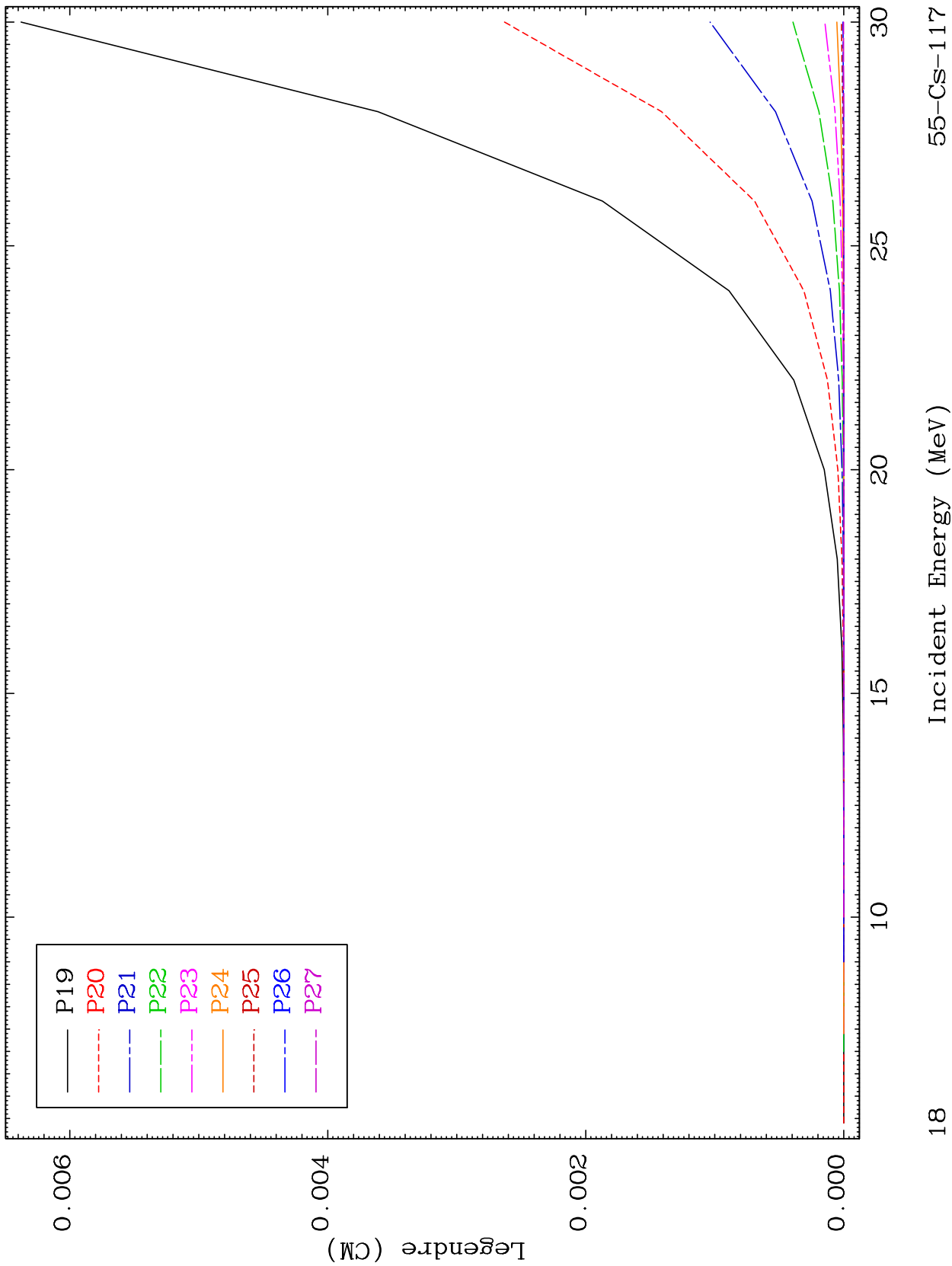
55-Cs-117



MAT 5477

Elastic Legendre Coefficients

55-Cs-117



18

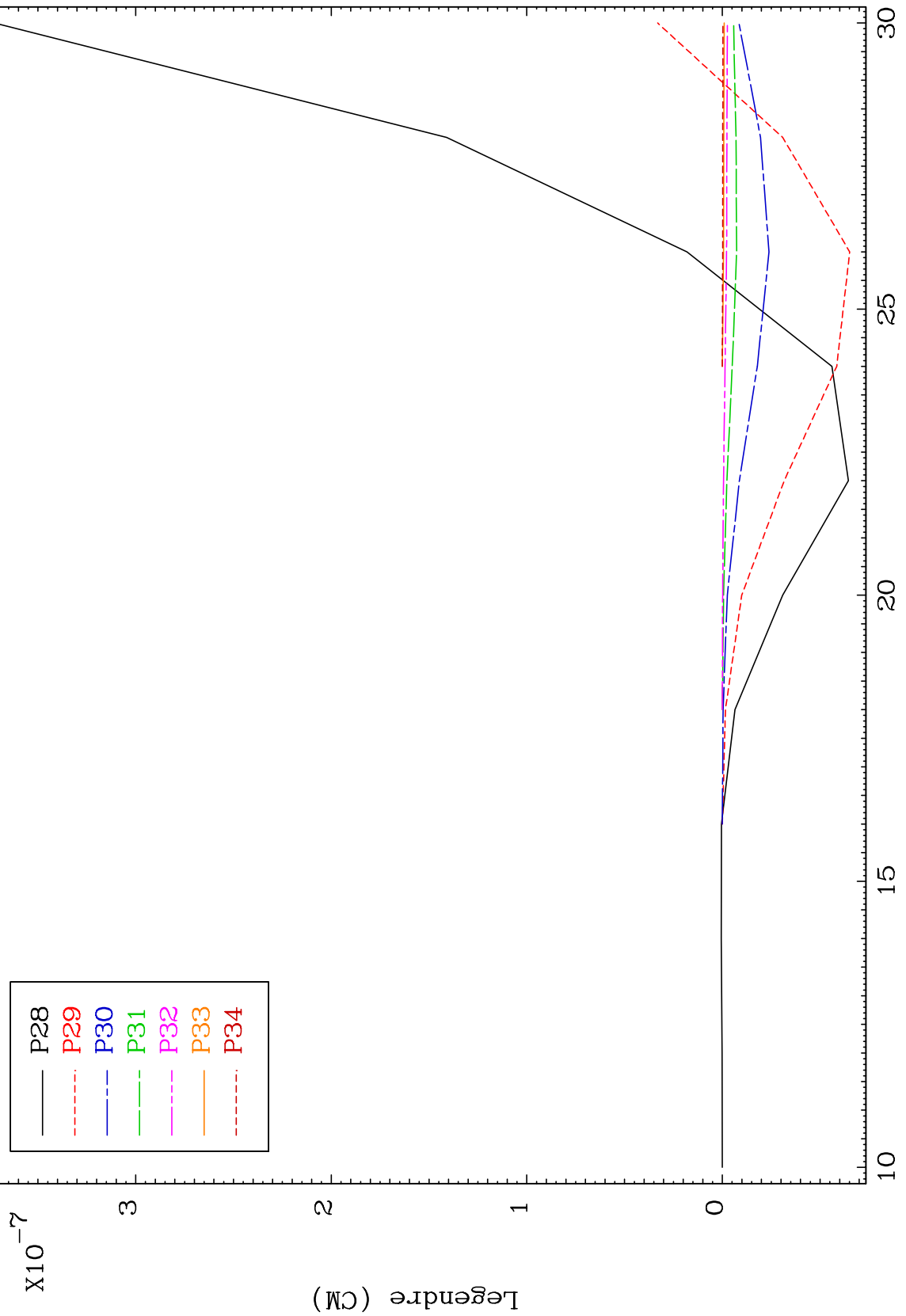
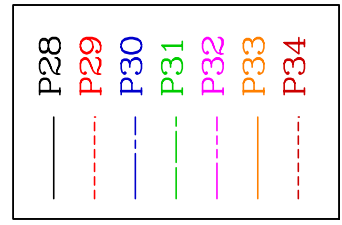
Incident Energy (MeV)

55-Cs-117

MAT 5477

Elastic Legendre Coefficients

55-Cs-117



10

15

20

25

30

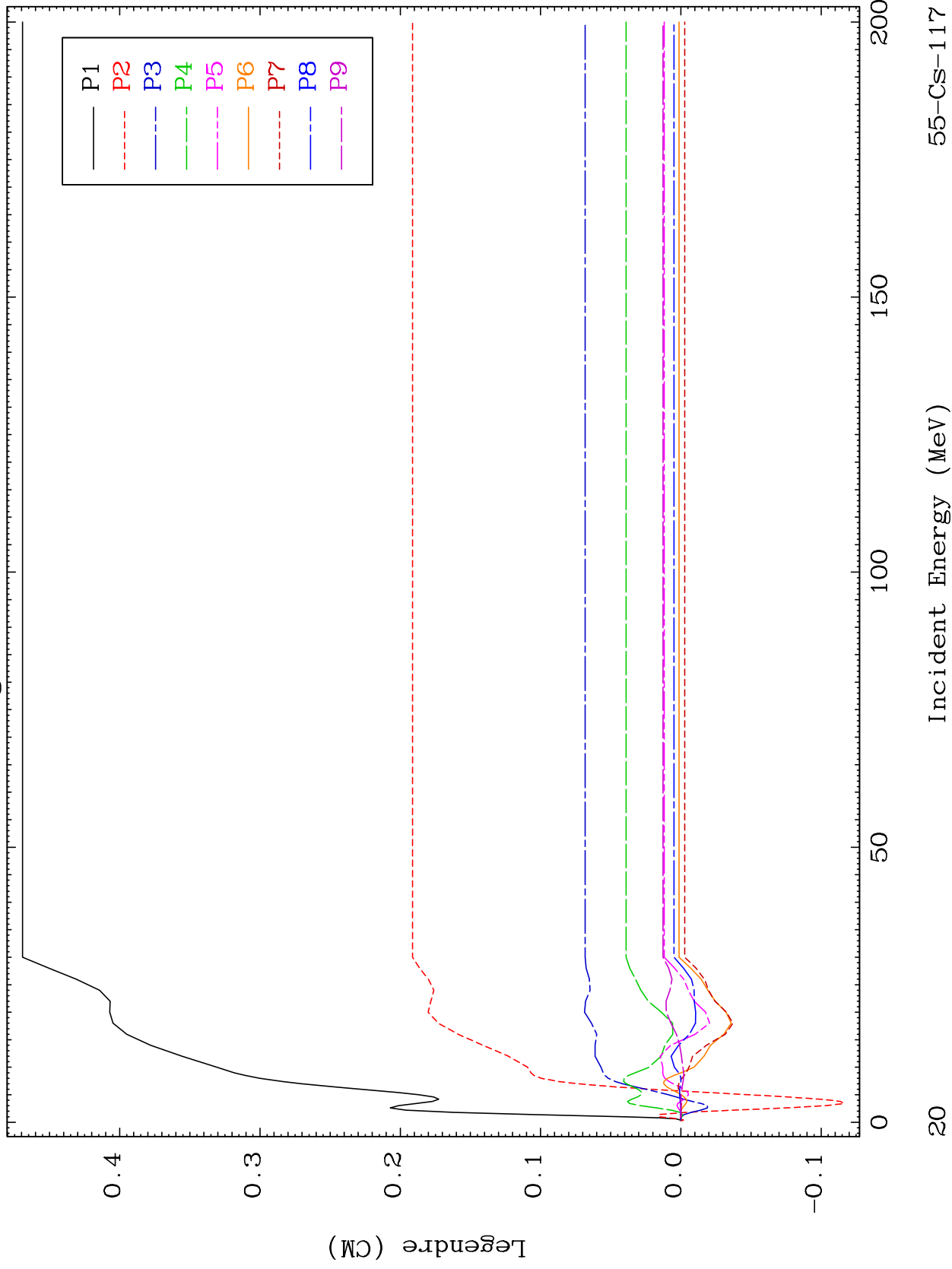
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

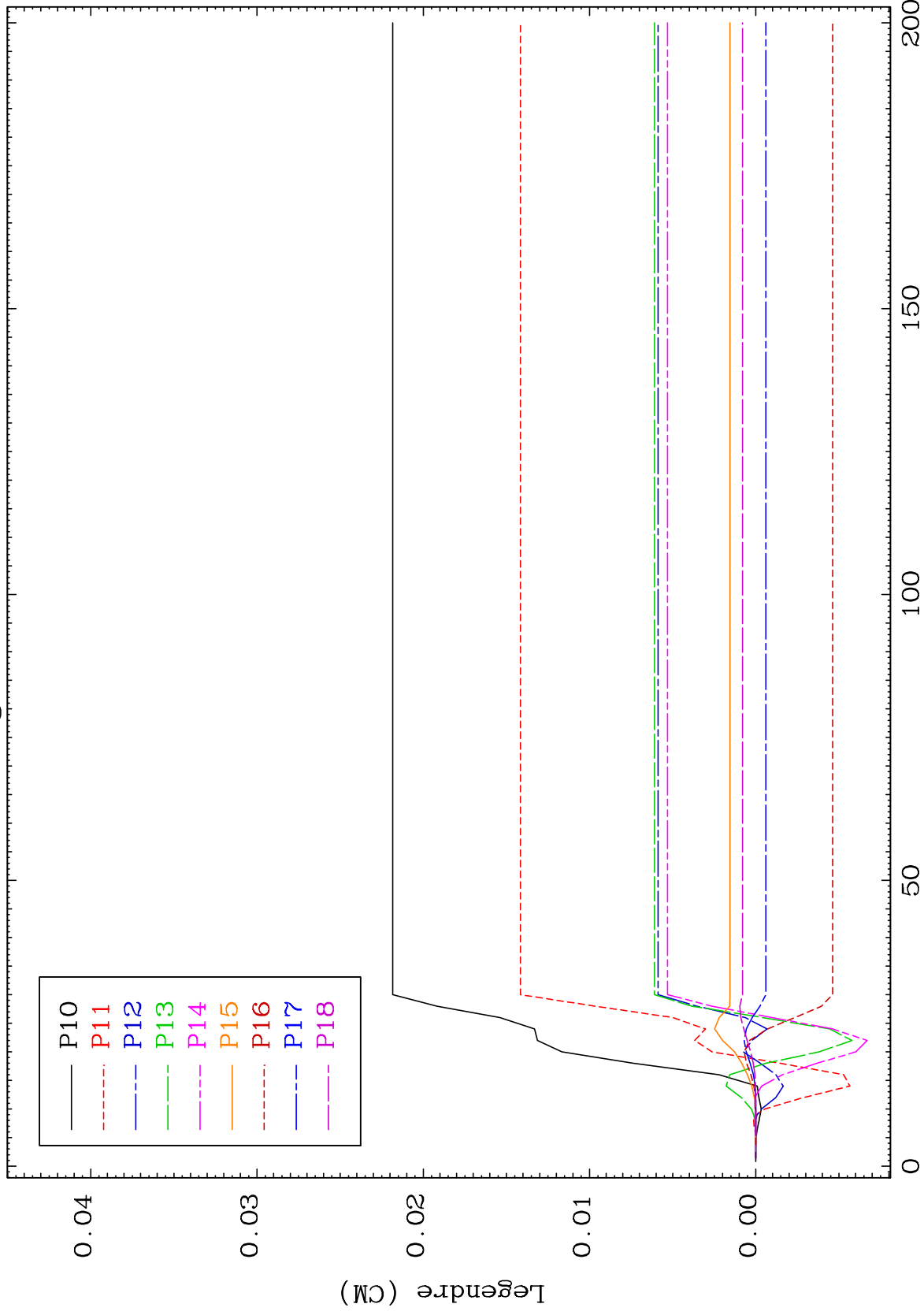
55-Cs-117



MAT 5477

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

55-Cs-117



21

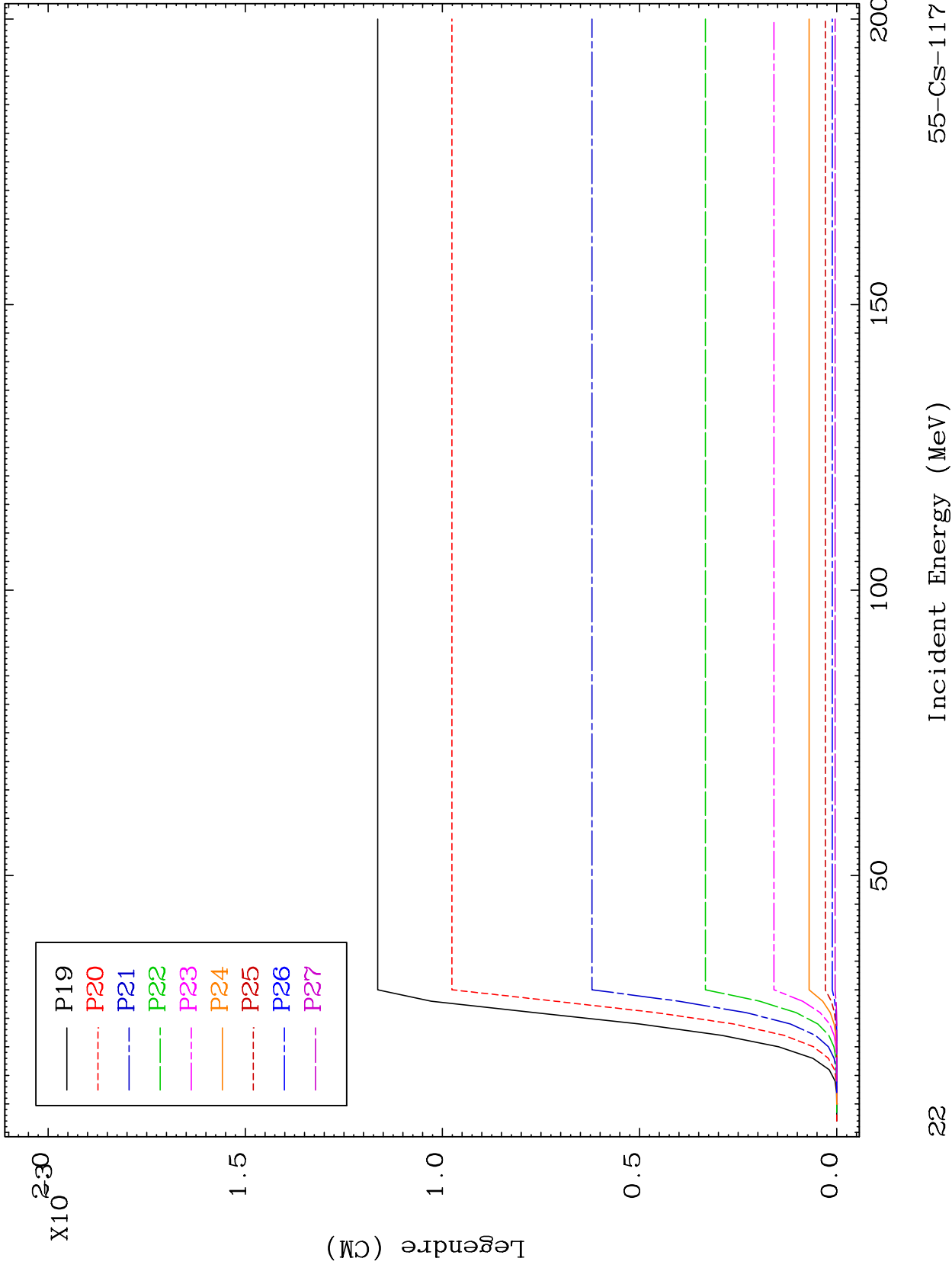
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

55-Cs-117



22

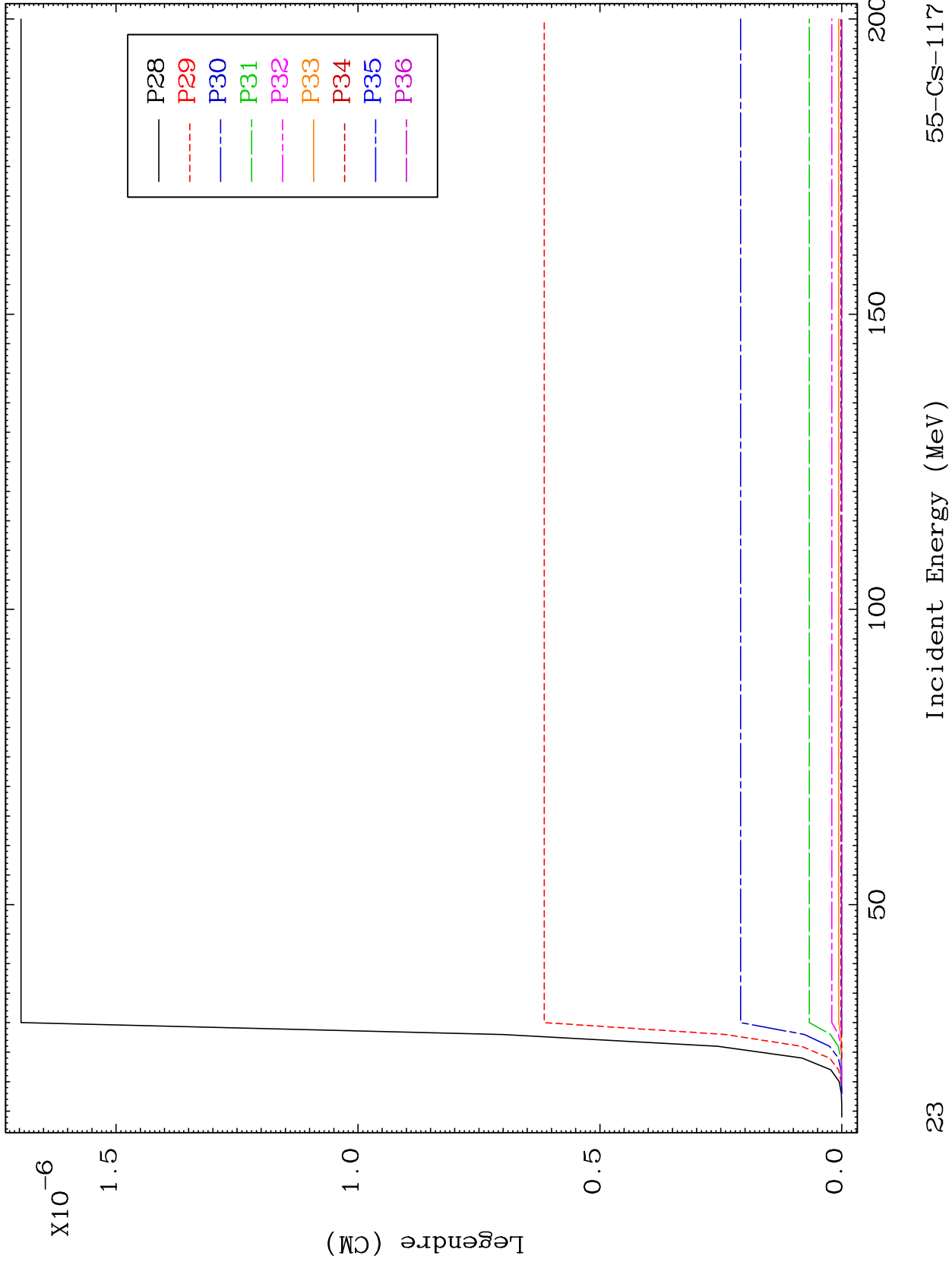
Incident Energy (MeV)

55-Cs-117

MAT 5477

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

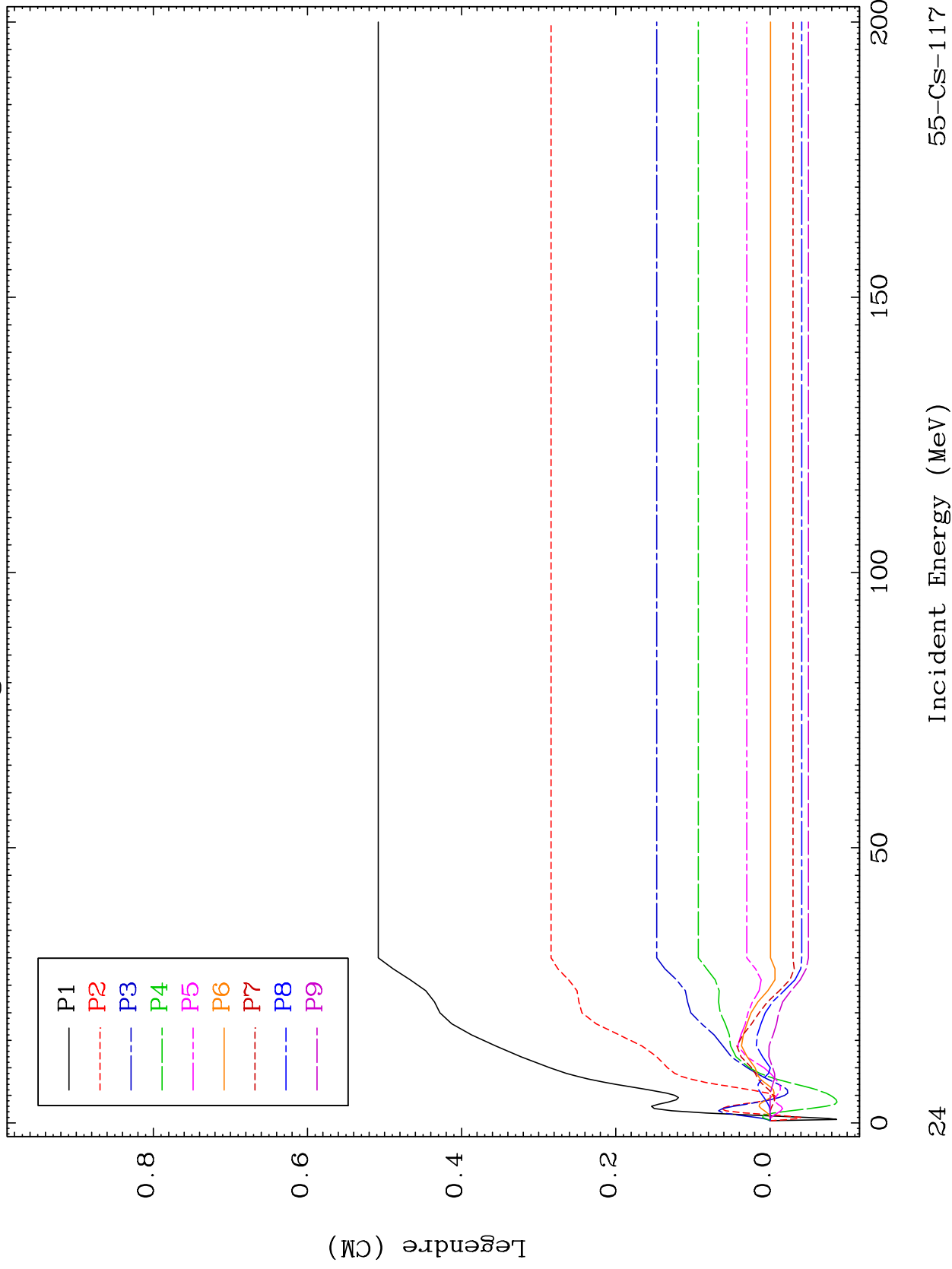
55-Cs-117



MAT 5477

MT= 52 (n,n') Level
Legendre Coefficients

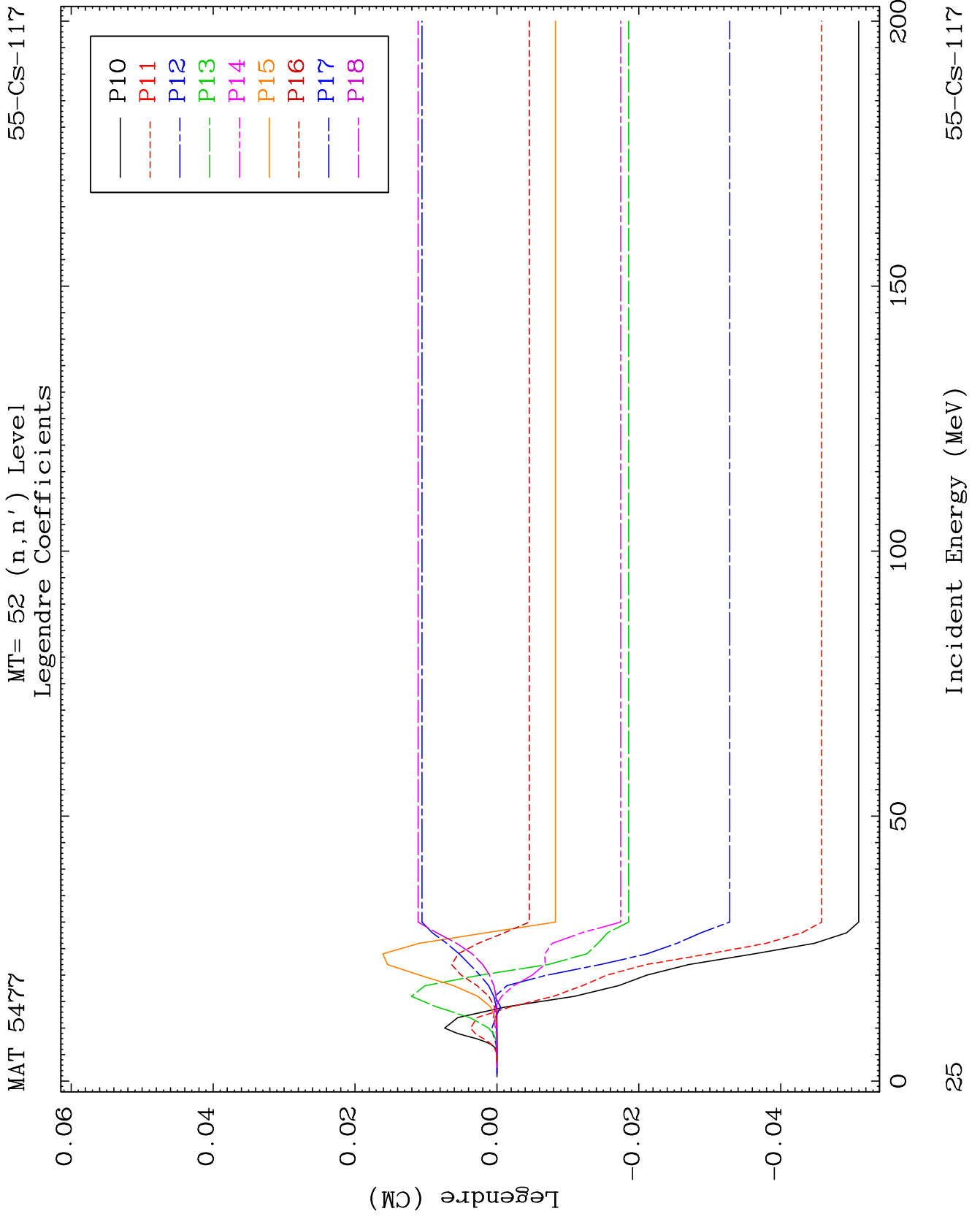
55-Cs-117



55-Cs-117

Incident Energy (MeV)

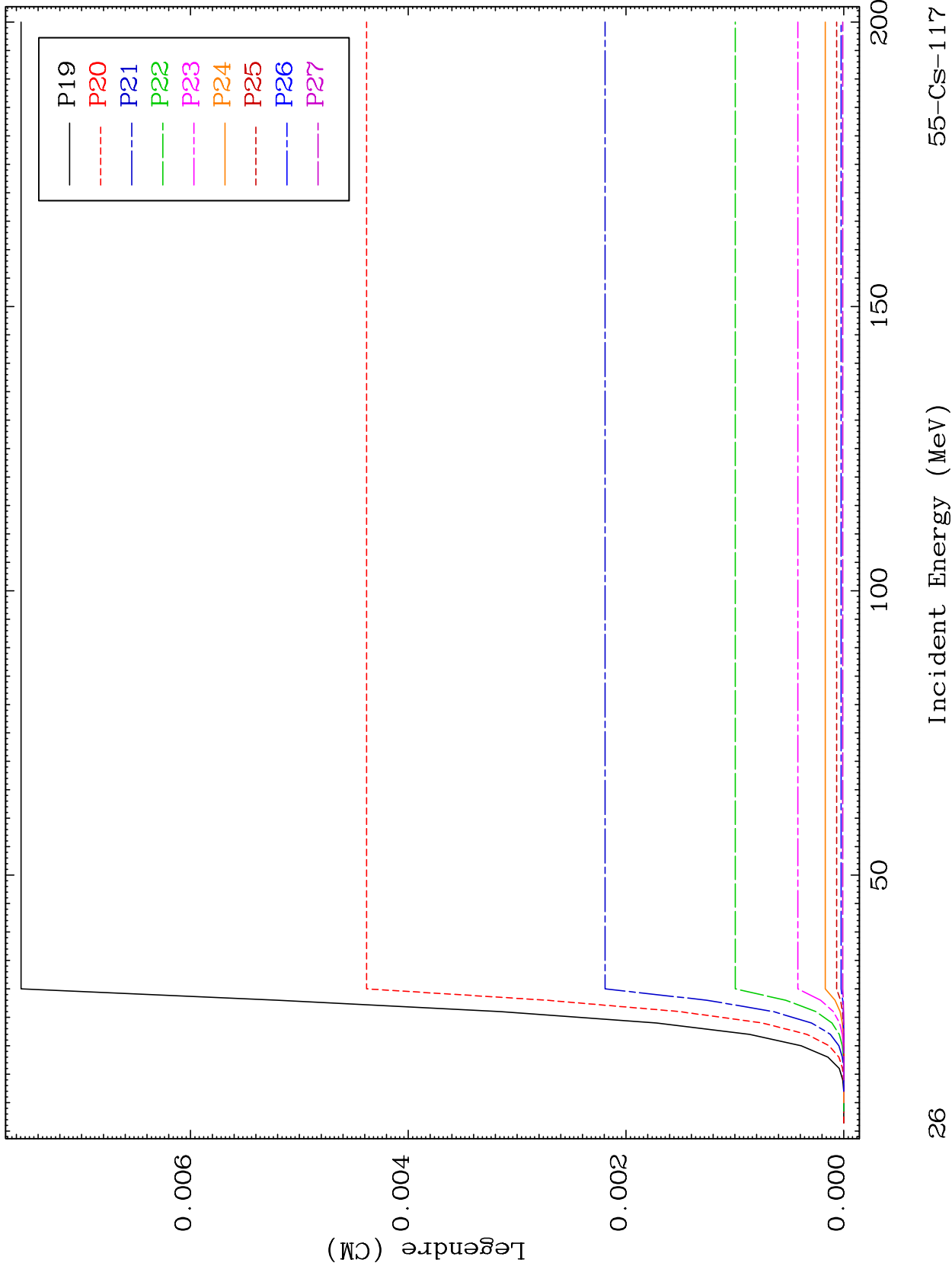
24



MAT 5477

MT= 52 (n,n') Level
Legendre Coefficients

55-Cs-117



26

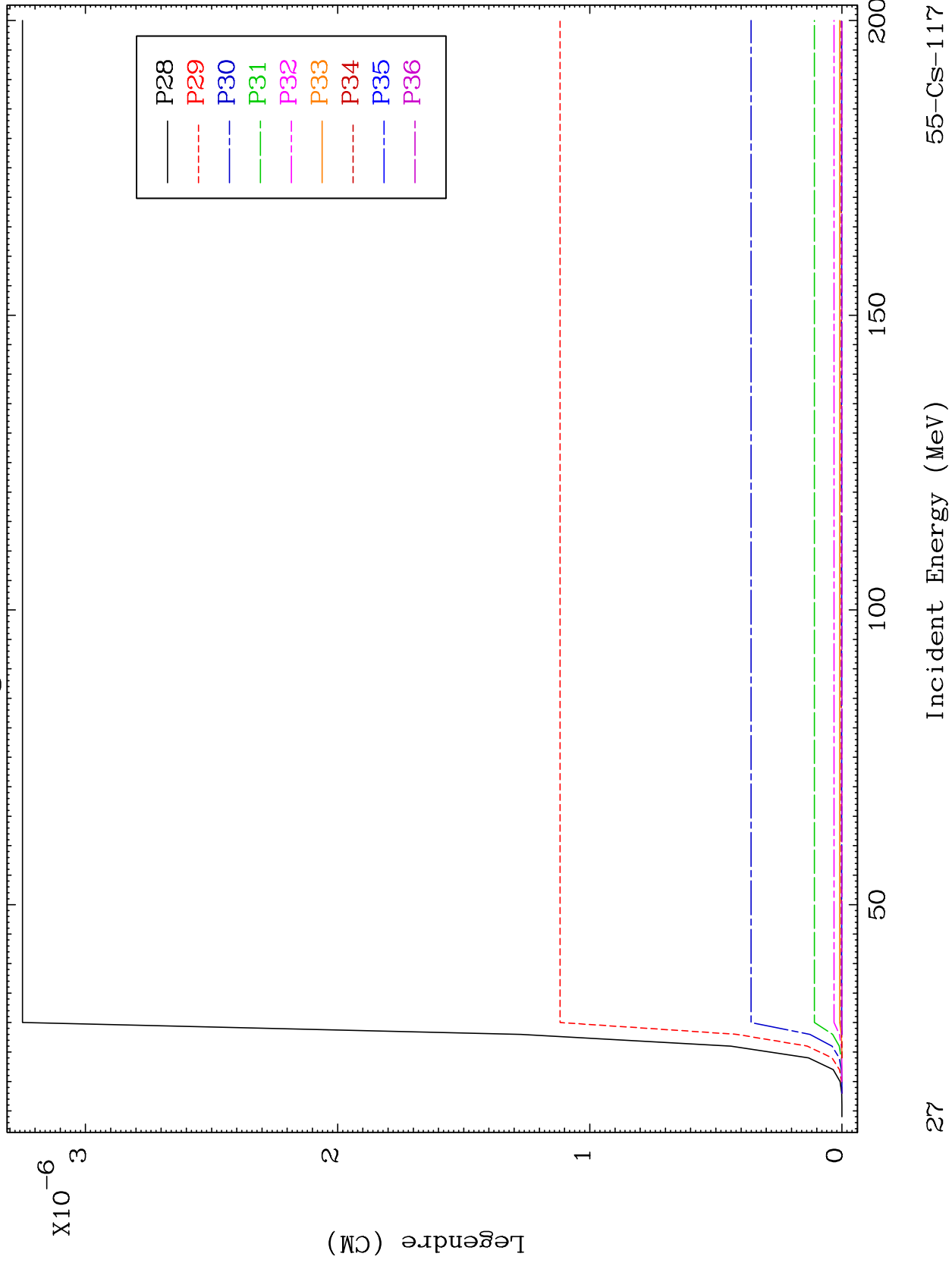
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 52 (n,n') Level
Legendre Coefficients

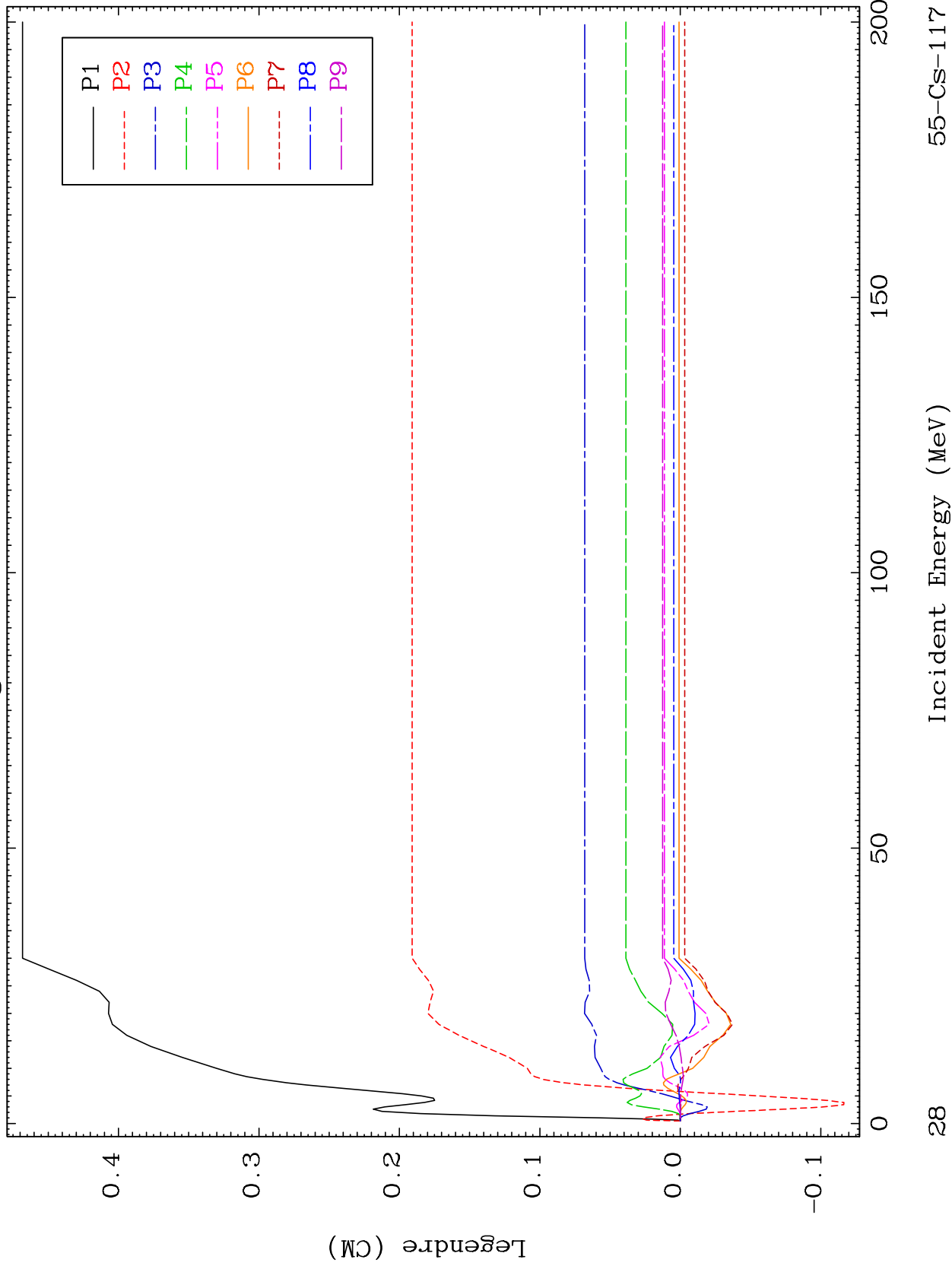
55-Cs-117



MAT 5477

MT= 53 (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

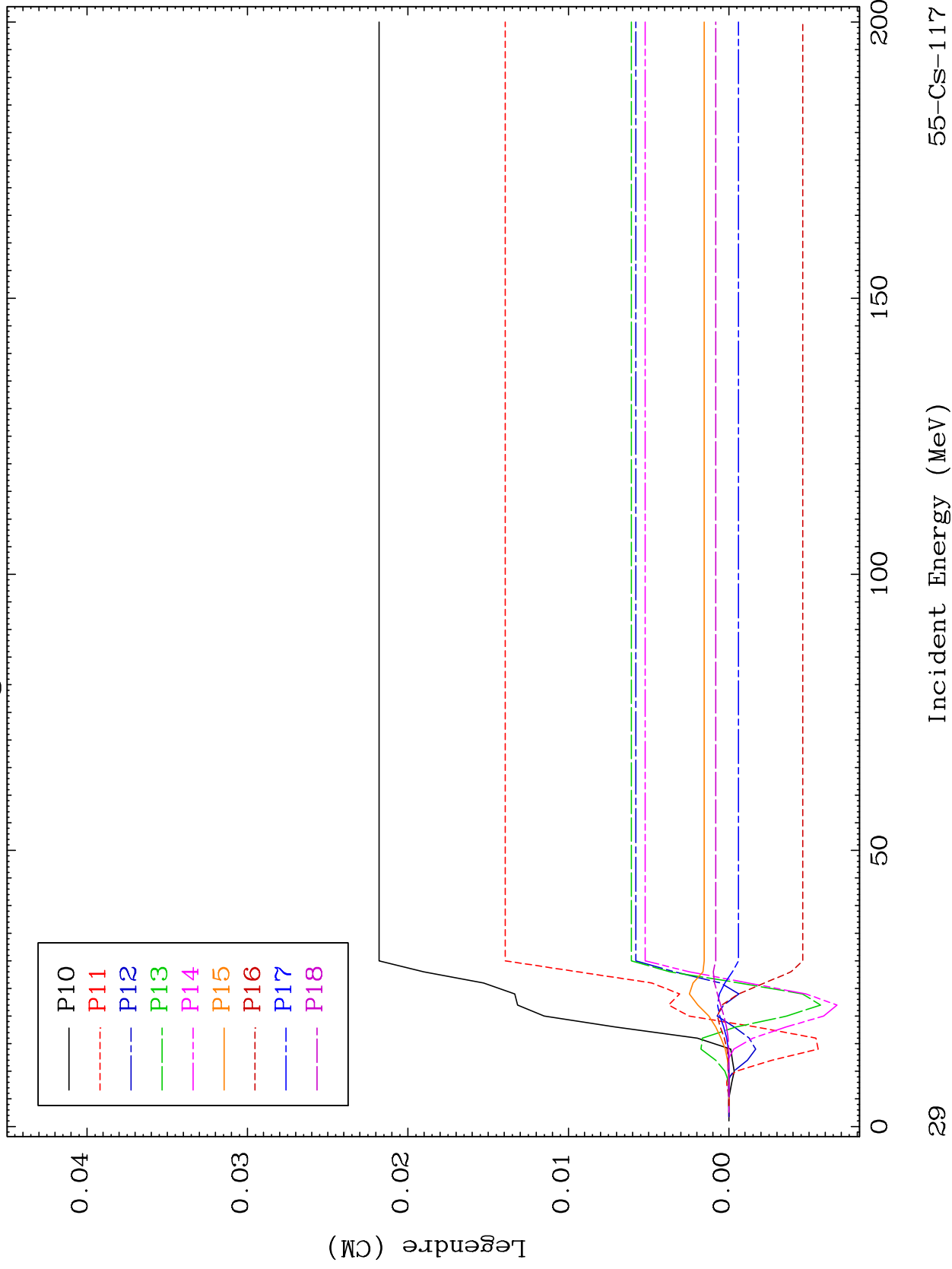
Incident Energy (MeV)

28

MAT 5477

MT= 53 (n,n') Level
Legendre Coefficients

55-Cs-117



29

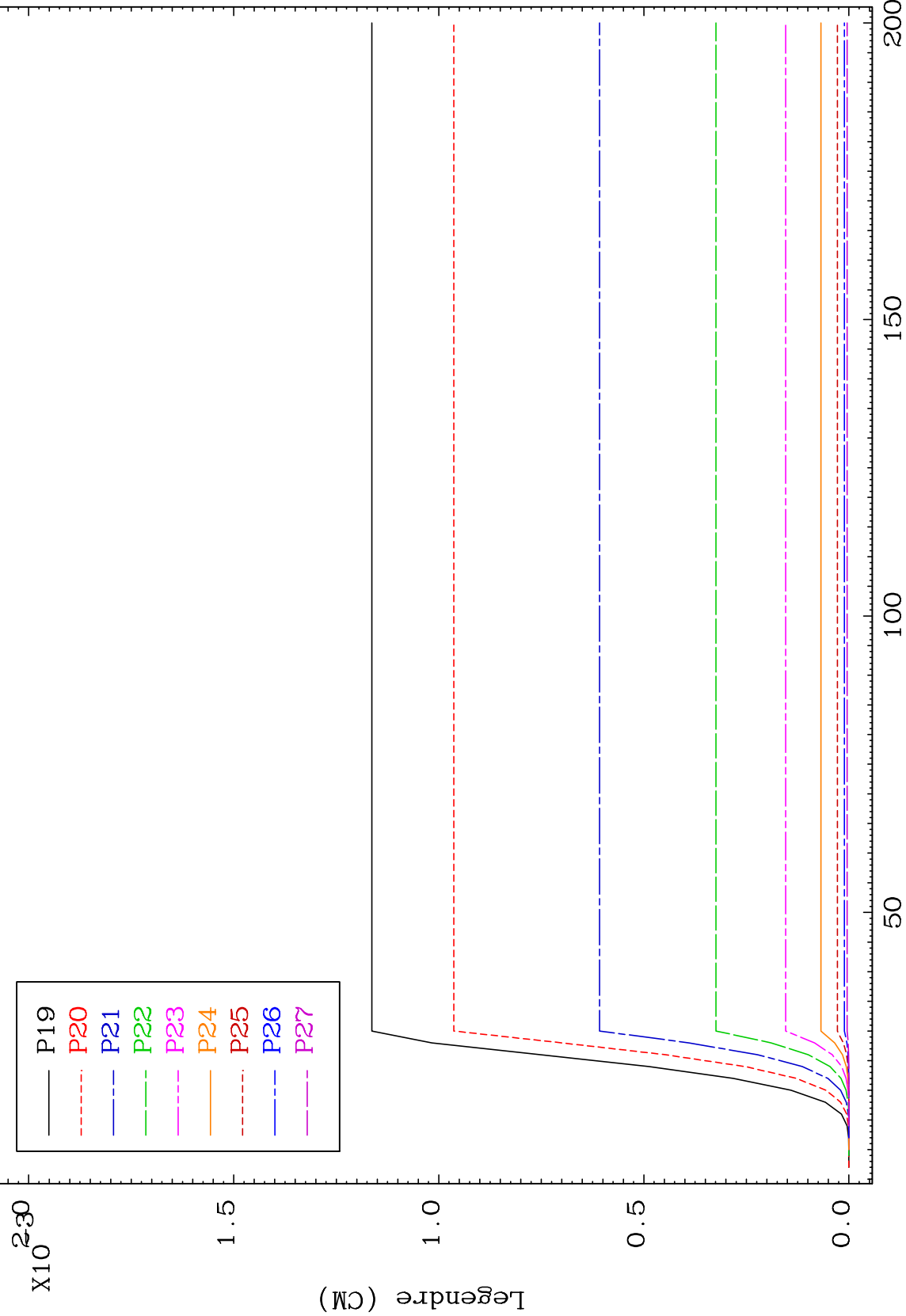
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 53 (n,n') Level
Legendre Coefficients

55-Cs-117



30

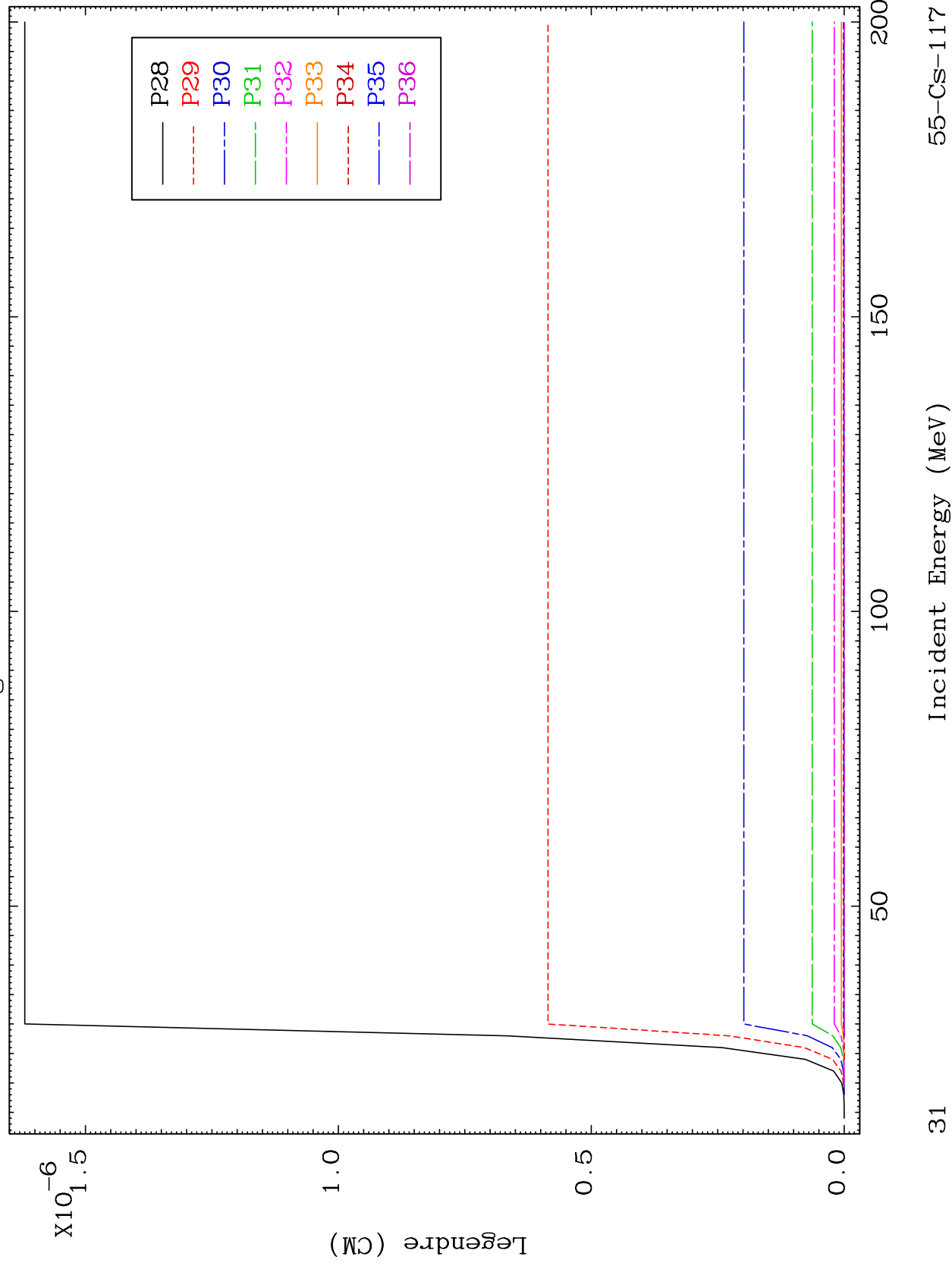
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 53 (n,n') Level
Legendre Coefficients

55-Cs-117

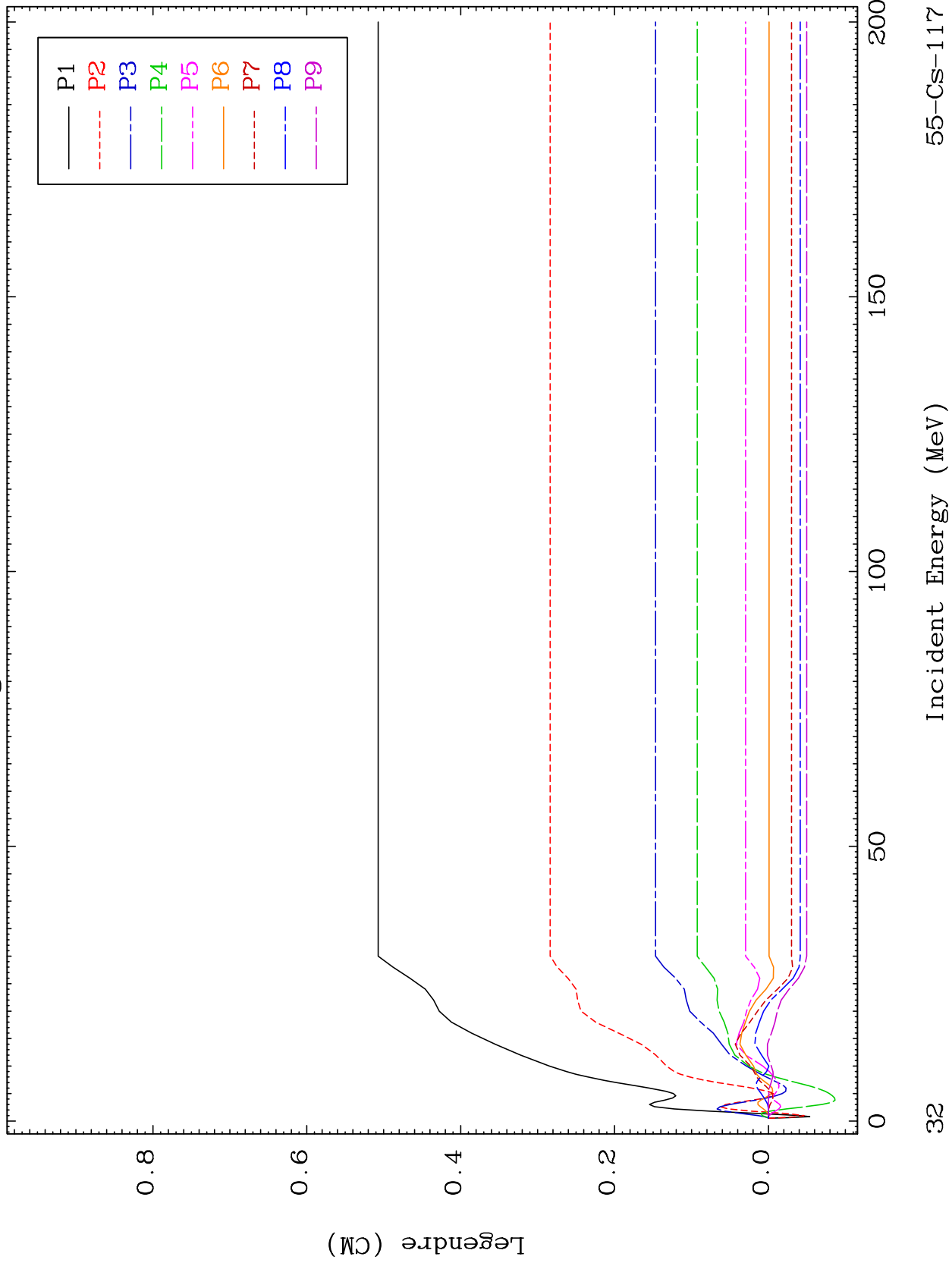


31

MAT 5477

MT= 54 (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

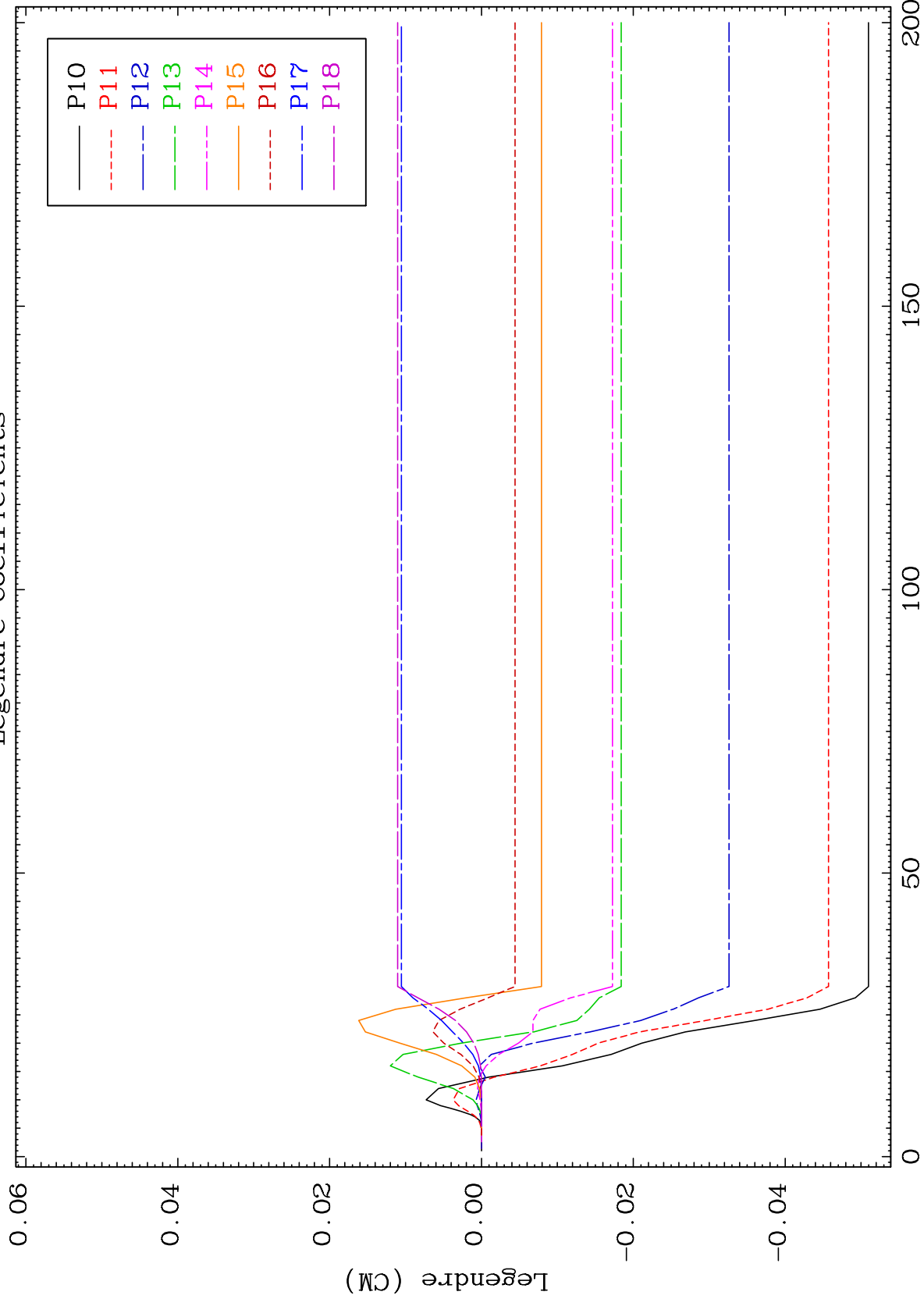
Incident Energy (MeV)

32

MAT 5477

MT= 54 (n,n') Level
Legendre Coefficients

55-Cs-117



33

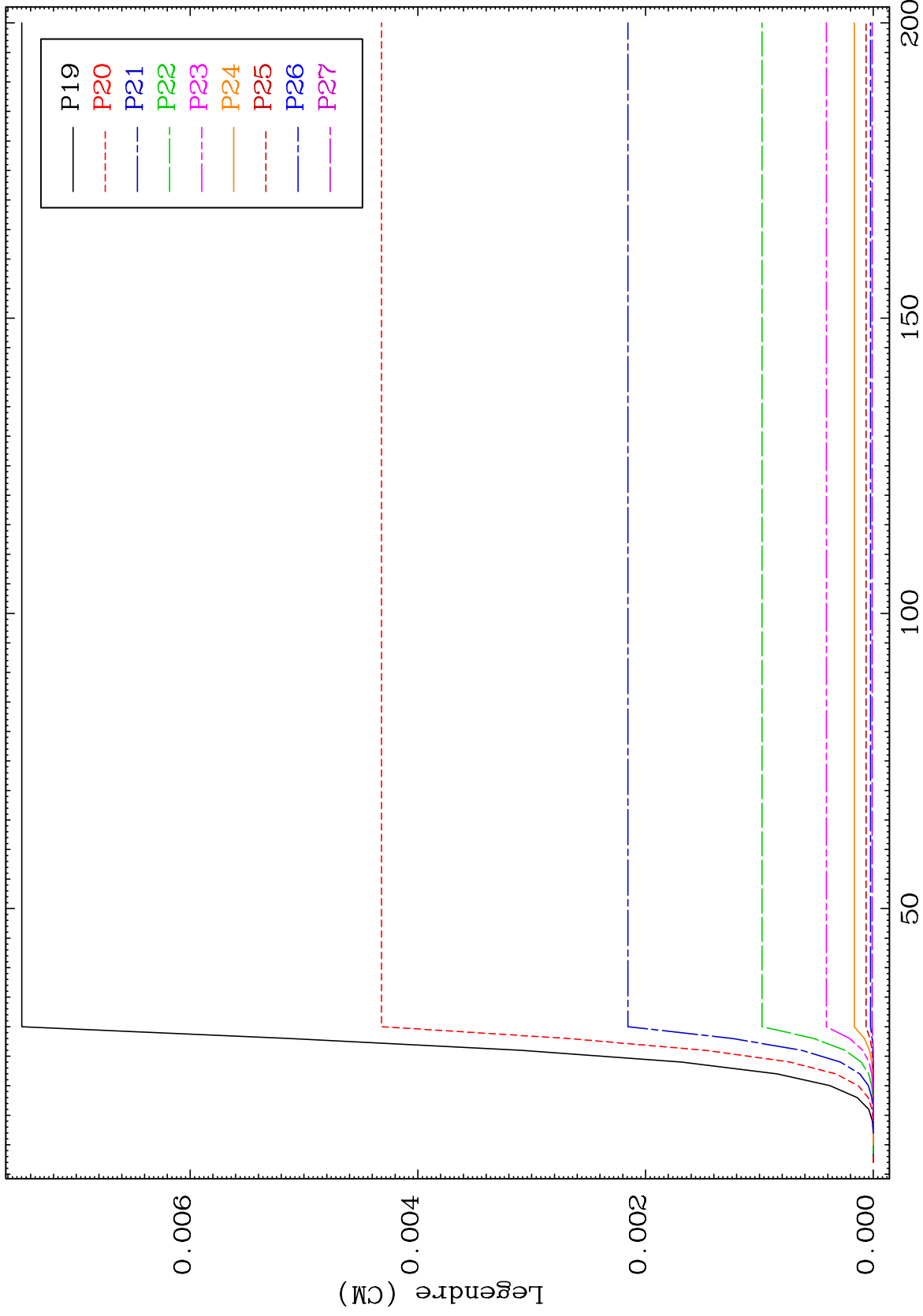
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 54 (n,n') Level
Legendre Coefficients

55-Cs-117



34

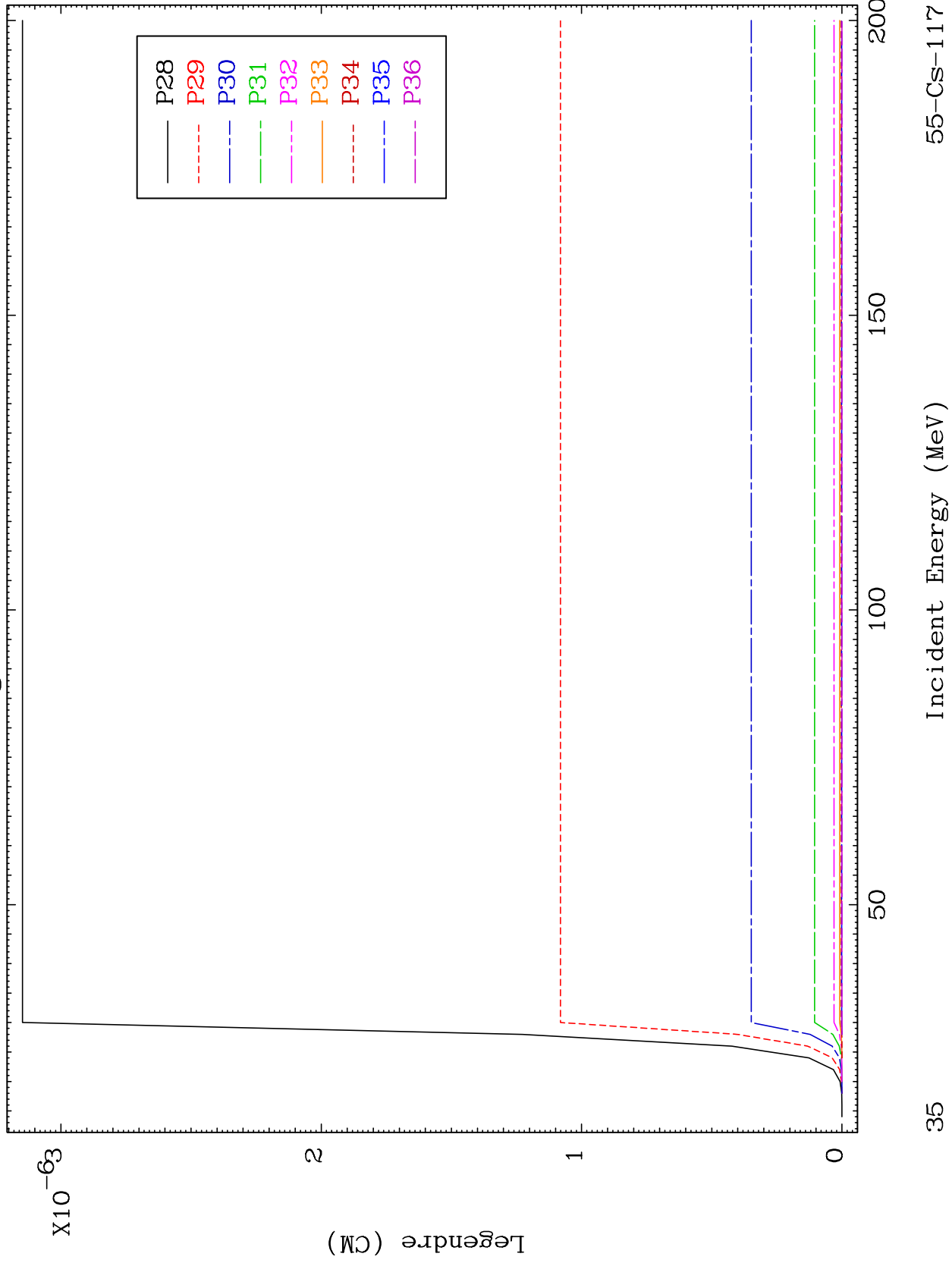
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 54 (n,n') Level
Legendre Coefficients

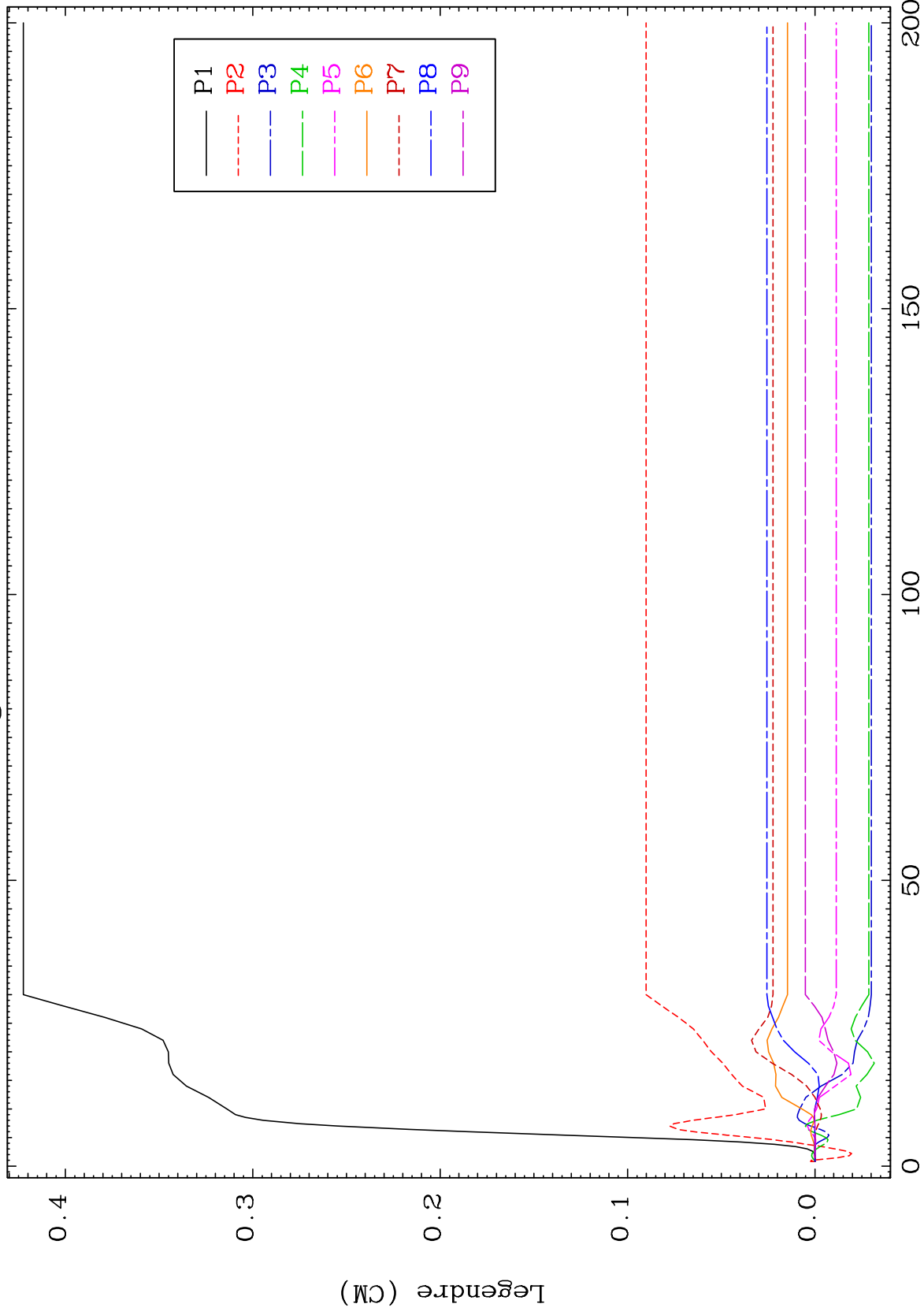
55-Cs-117



MAT 5477

MT= 55 (n,n') Level
Legendre Coefficients

55-Cs-117



36

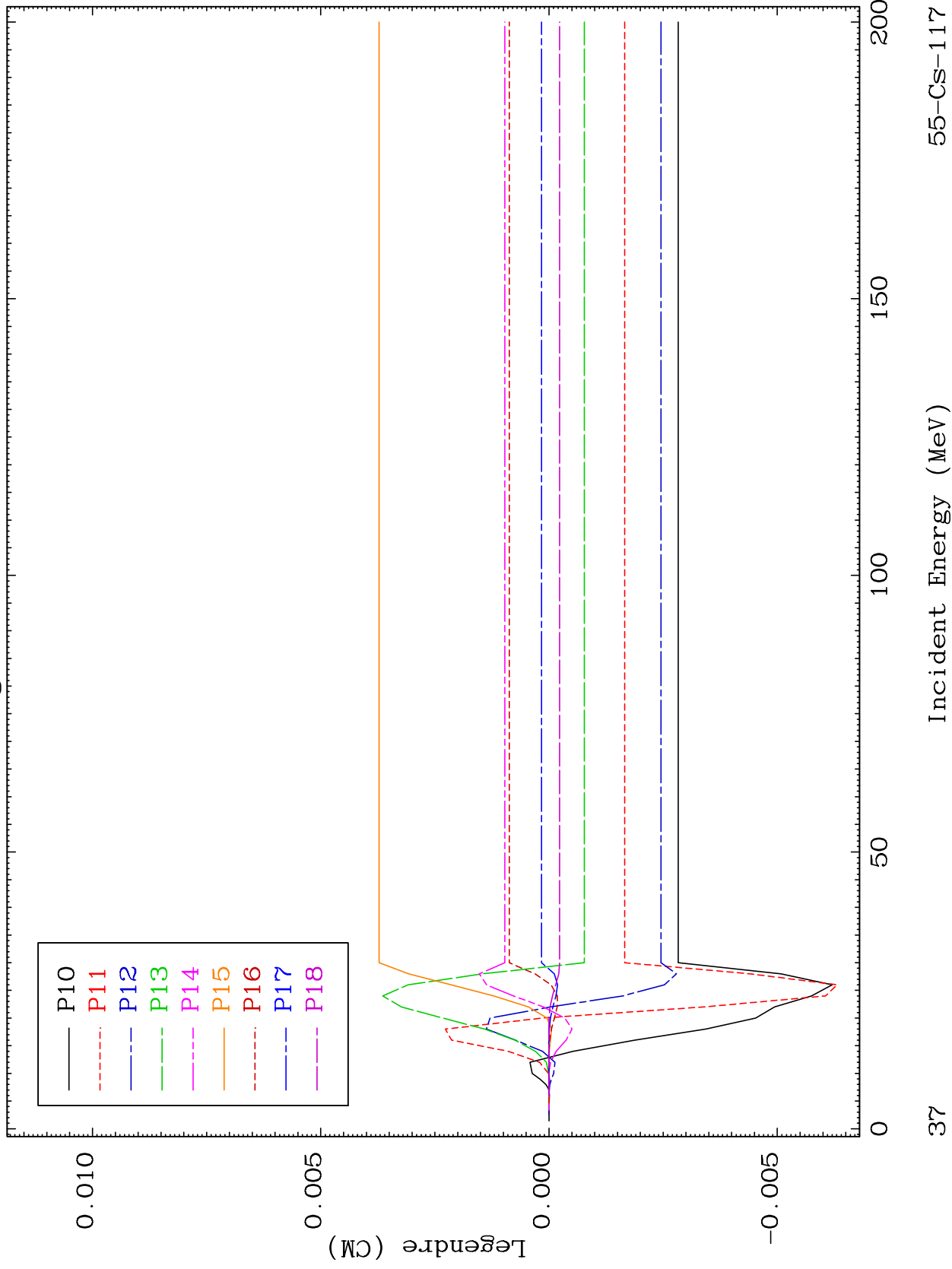
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 55 (n,n') Level
Legendre Coefficients

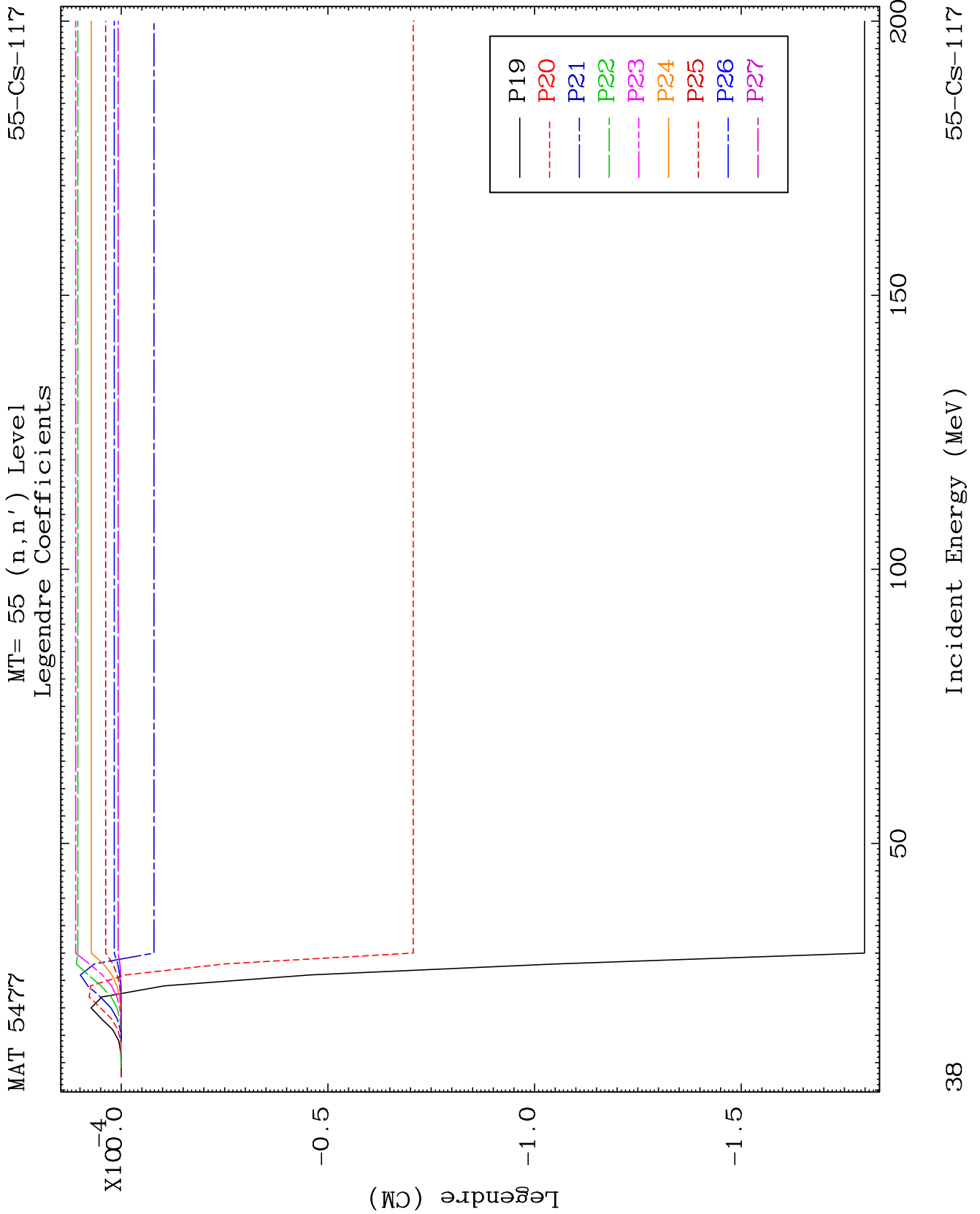
55-Cs-117



37

Incident Energy (MeV)

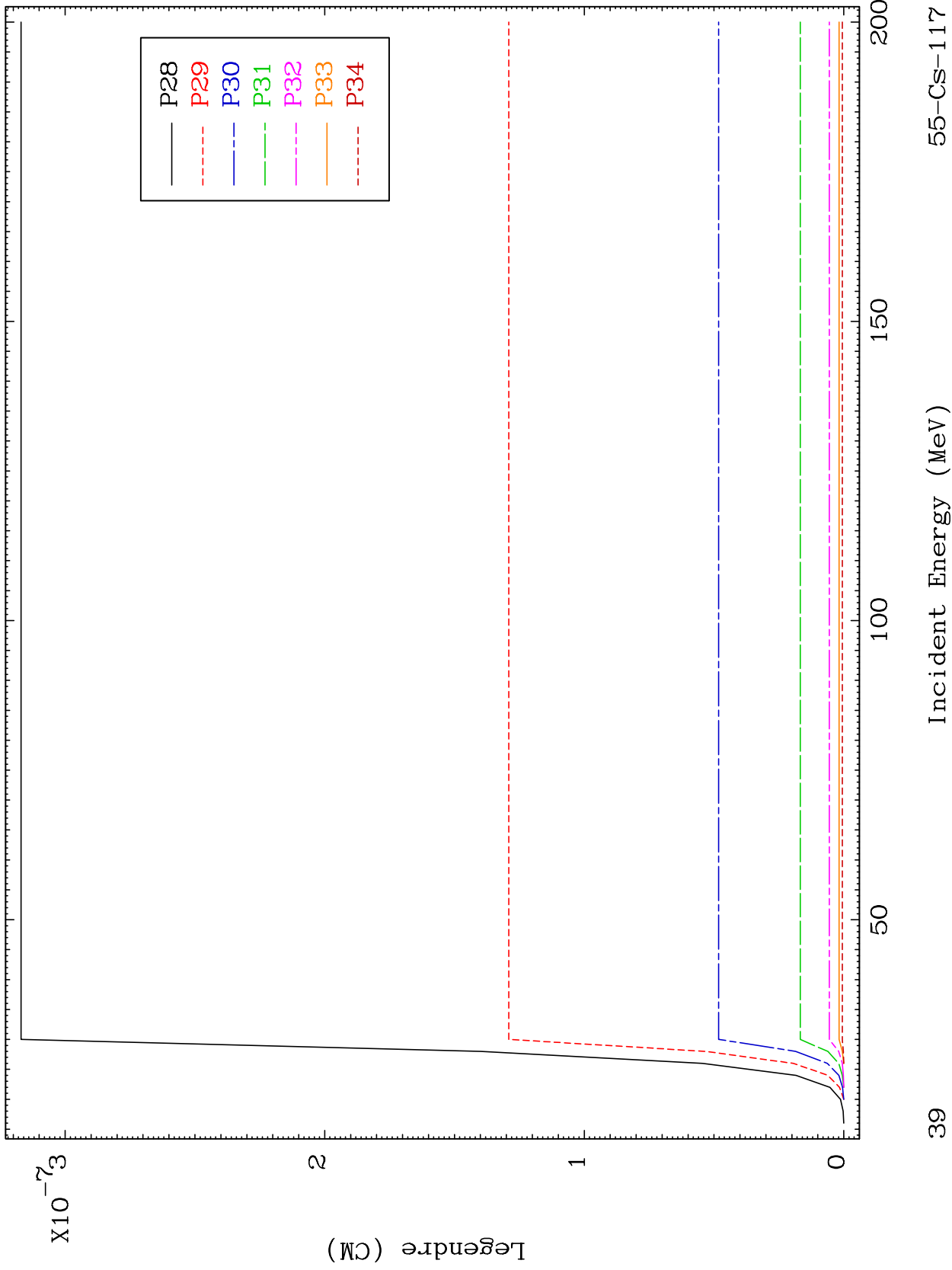
55-Cs-117



MAT 5477

MT= 55 (n,n') Level
Legendre Coefficients

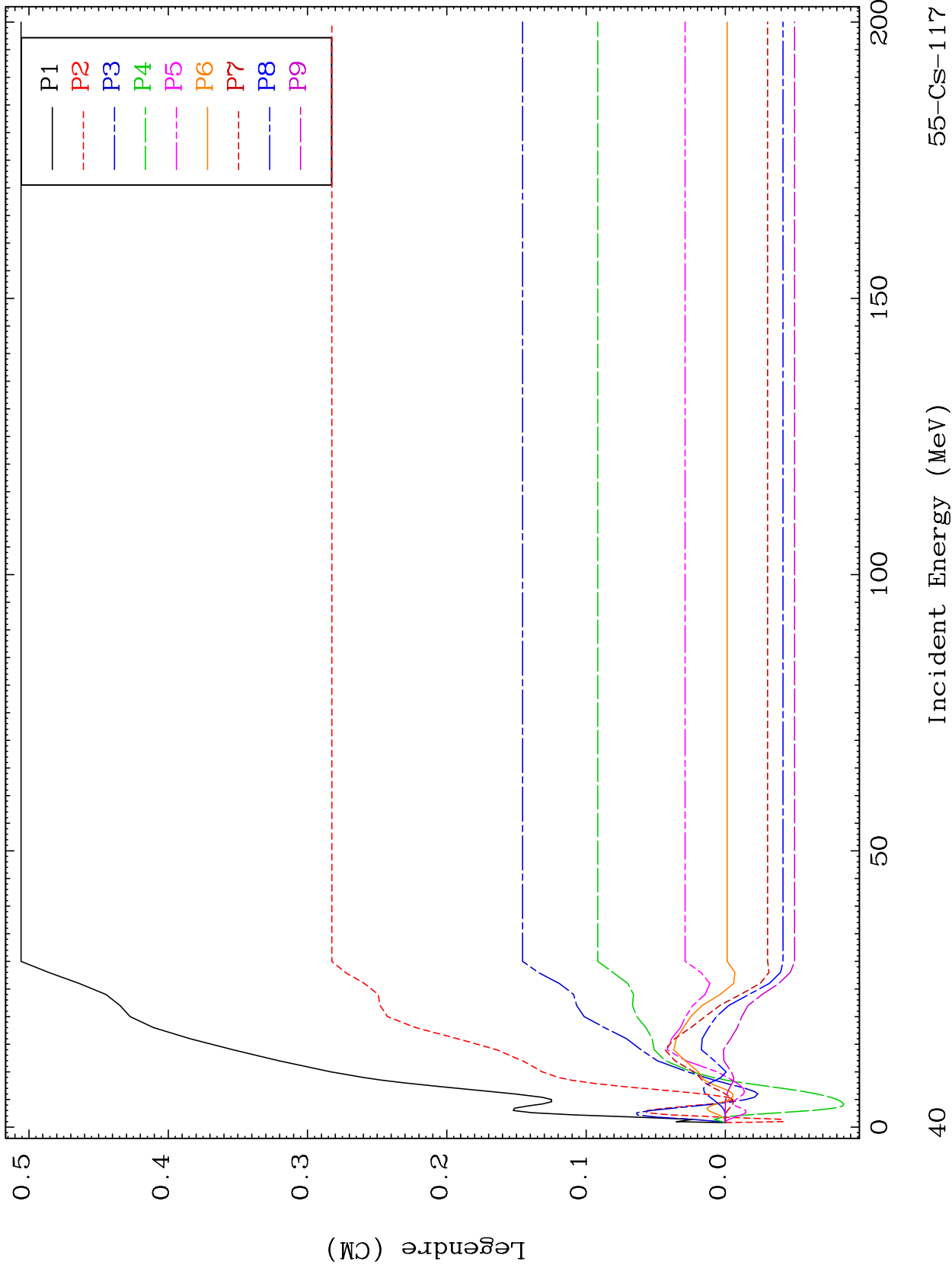
55-Cs-117



MAT 5477

MT= 56 (n,n') Level
Legendre Coefficients

55-Cs-117



55-Cs-117

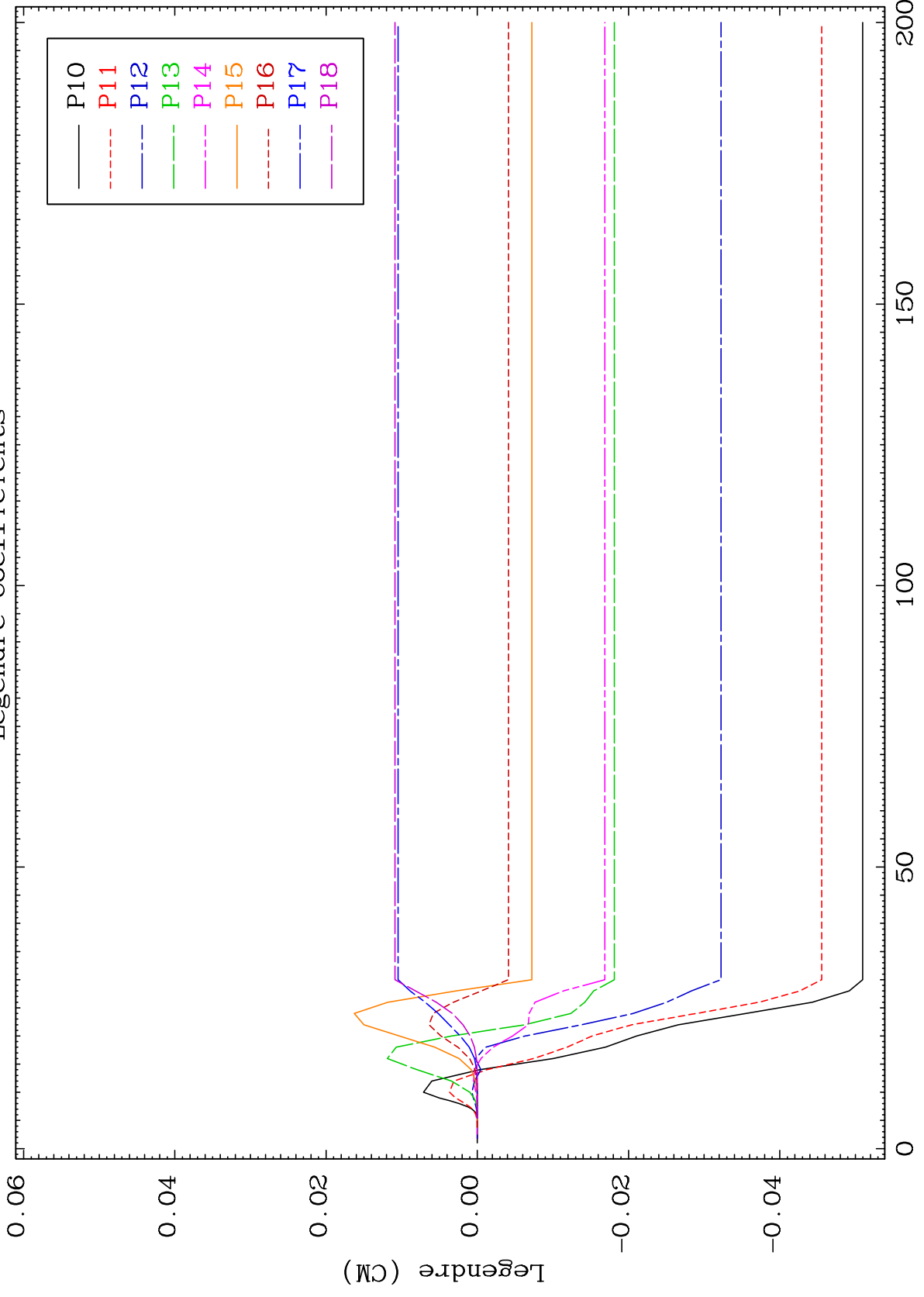
Incident Energy (MeV)

40

MAT 5477

MT= 56 (n,n') Level
Legendre Coefficients

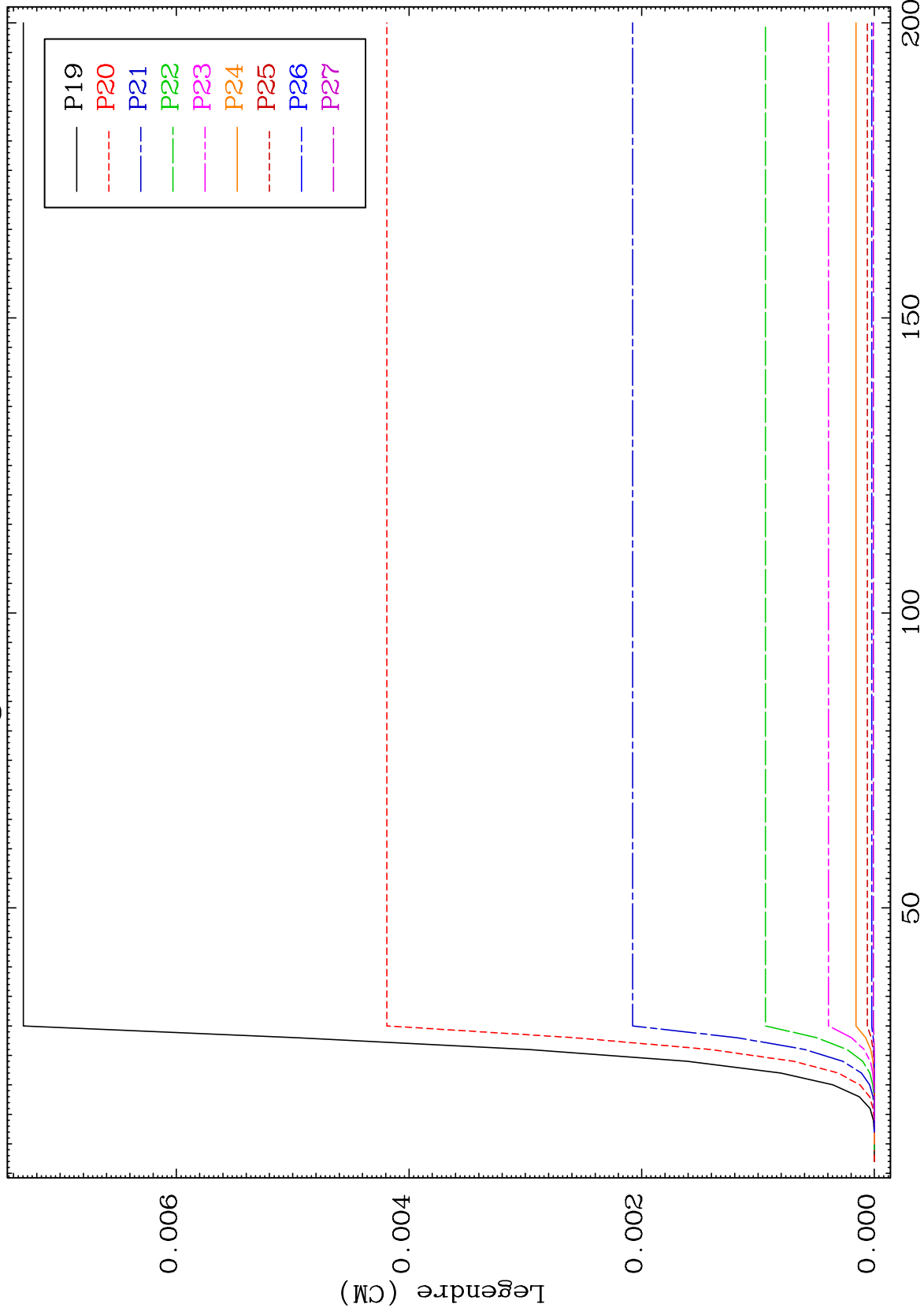
55-Cs-117



MAT 5477

MT= 56 (n,n') Level
Legendre Coefficients

55-Cs-117



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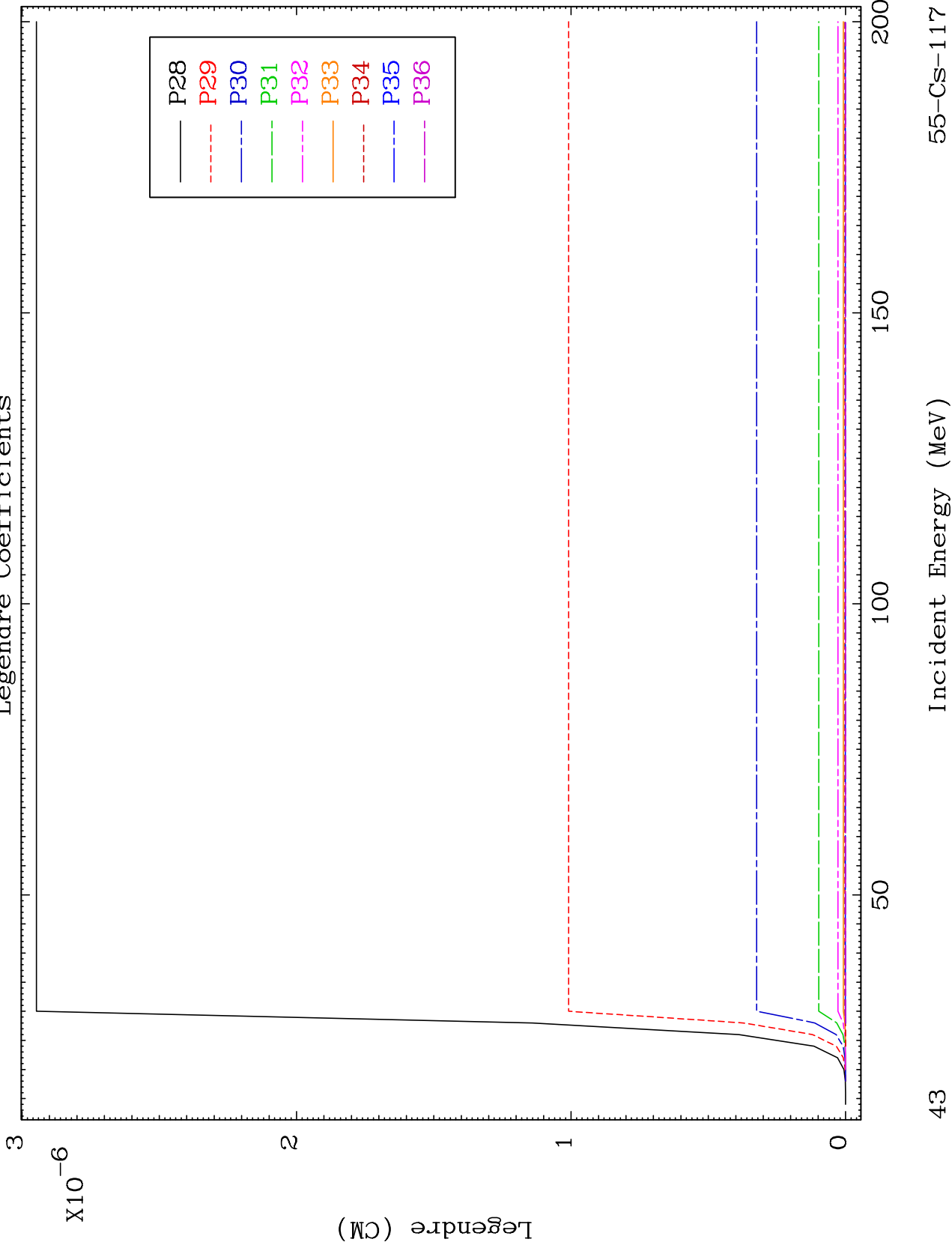
Incident Energy (MeV)

55-Cs-117

MAT 5477

MT= 56 (n,n') Level
Legendre Coefficients

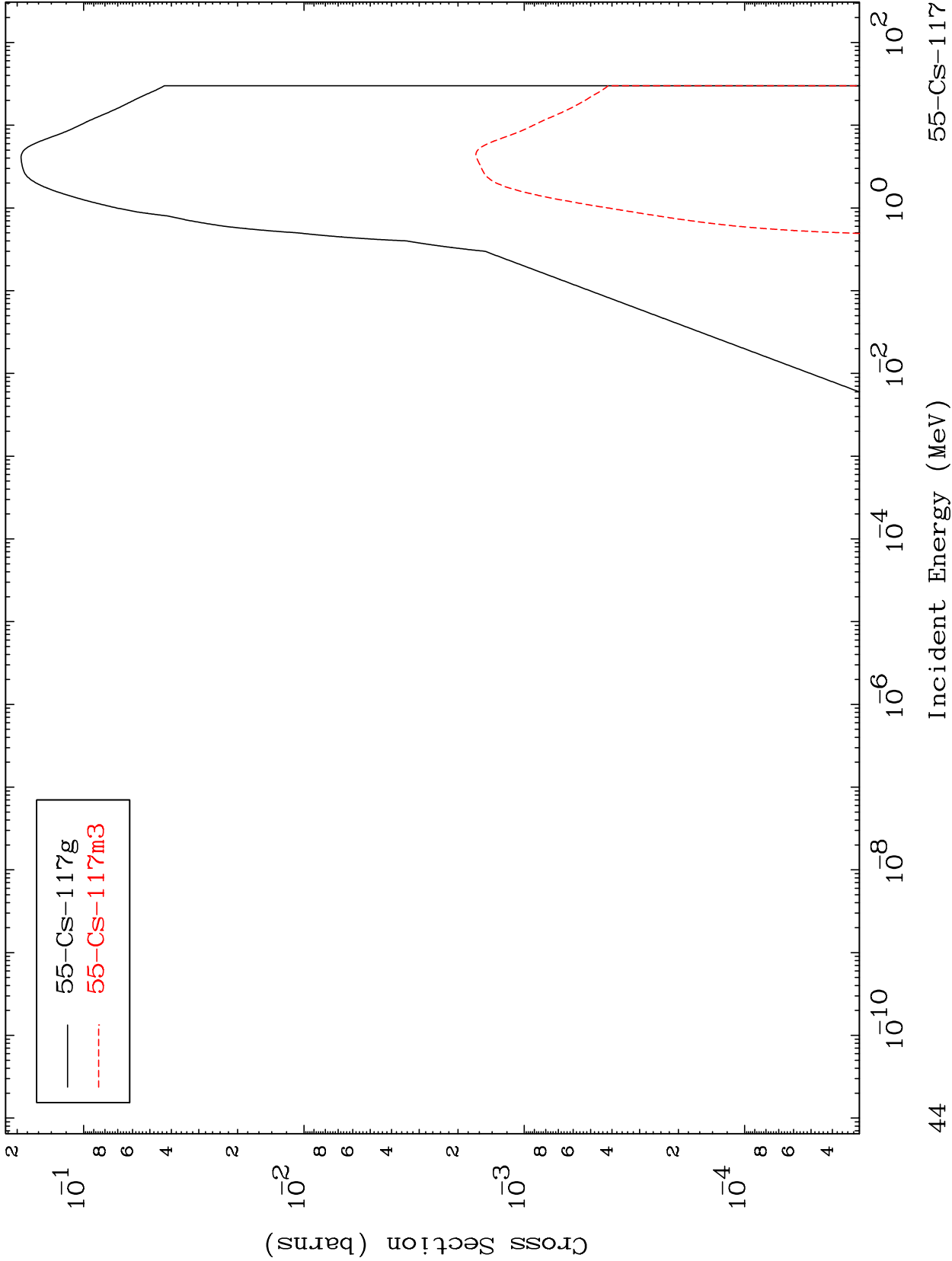
55-Cs-117



MAT 5477

Inelastic
Radionuclide Production Cross Section

55-Cs-117

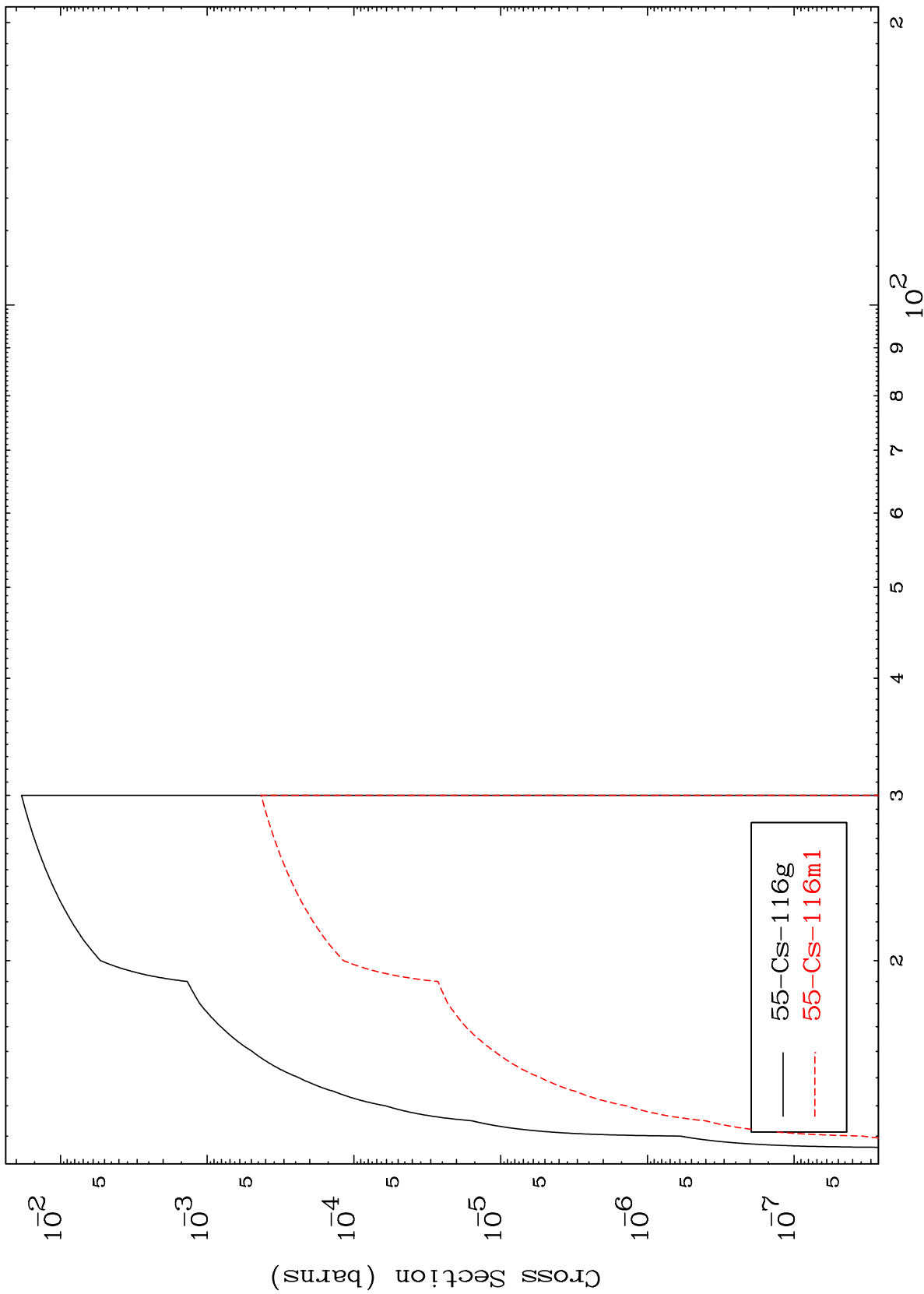


55-Cs-117

MAT 5477

55-Cs-117

(n,2n)
Radionuclide Production Cross Section



55-Cs-117

Incident Energy (MeV)

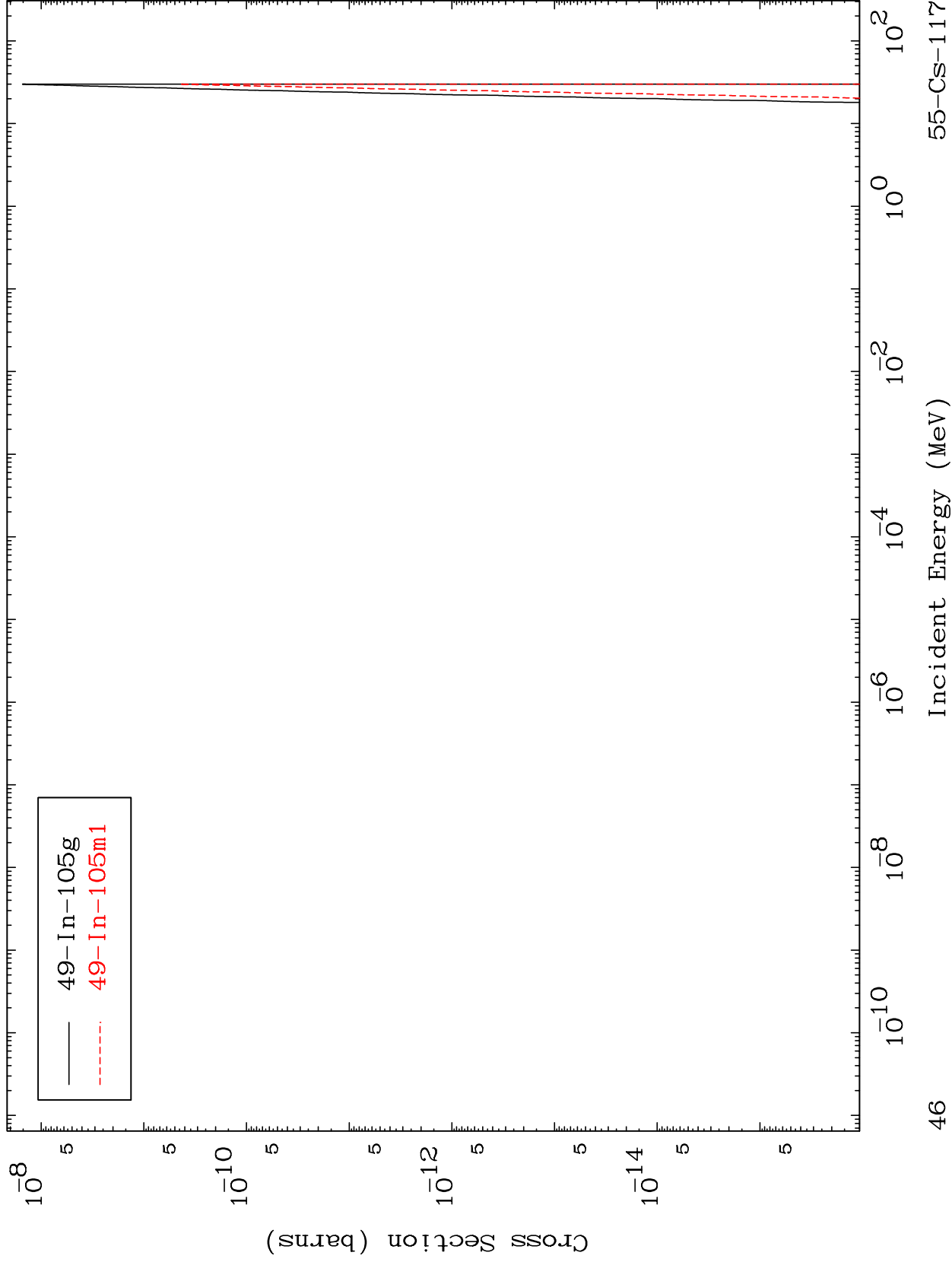
45

MAT 5477

(n,n') 3α

55-Cs-117

Radionuclide Production Cross Section



49-In-105g
49-In-105m1

46

Incident Energy (MeV)

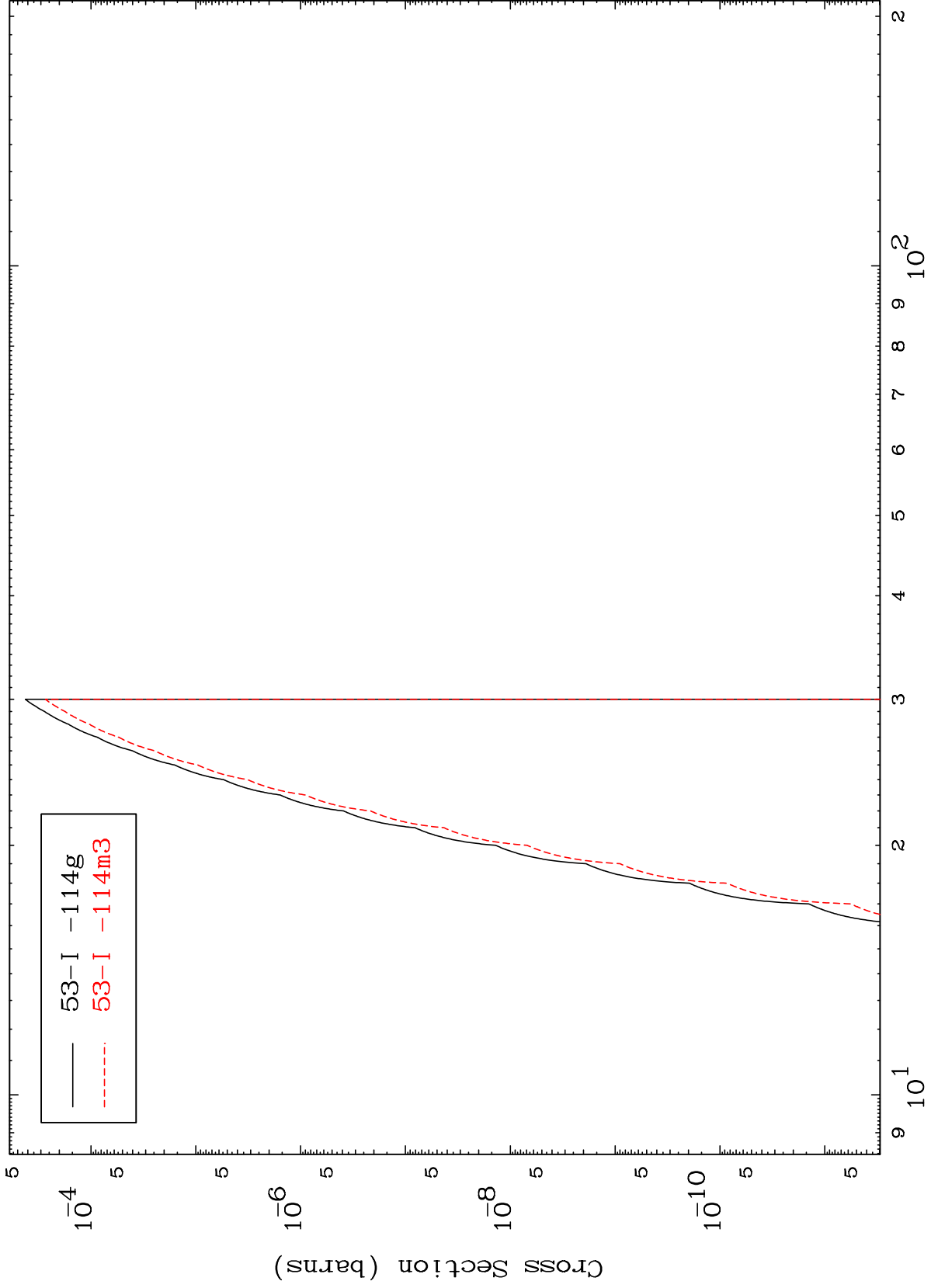
55-Cs-117

MAT 5477

(n,n') He-3

55-Cs-117

Radionuclide Production Cross Section

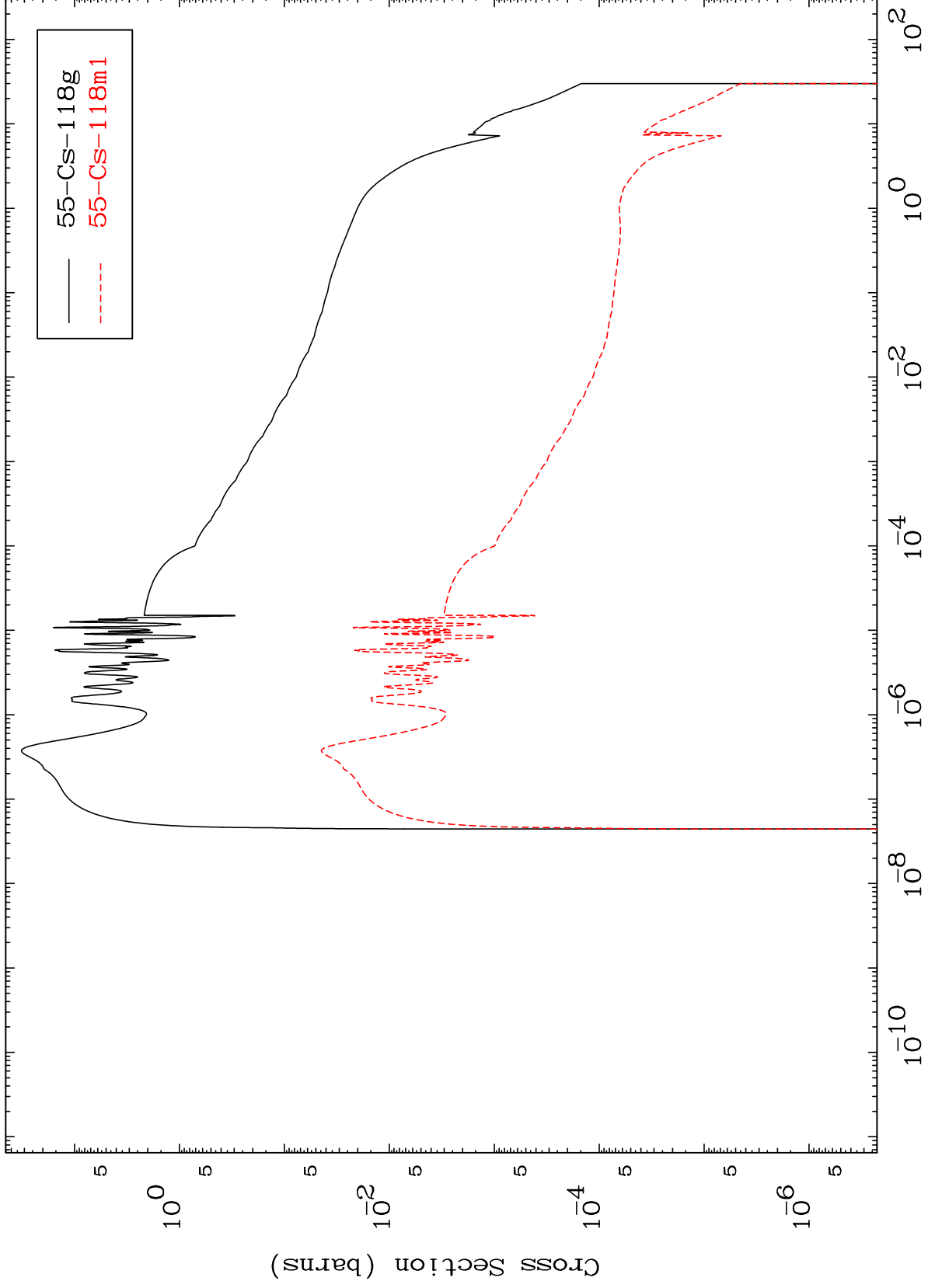


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Incident Energy (MeV)

55-Cs-117

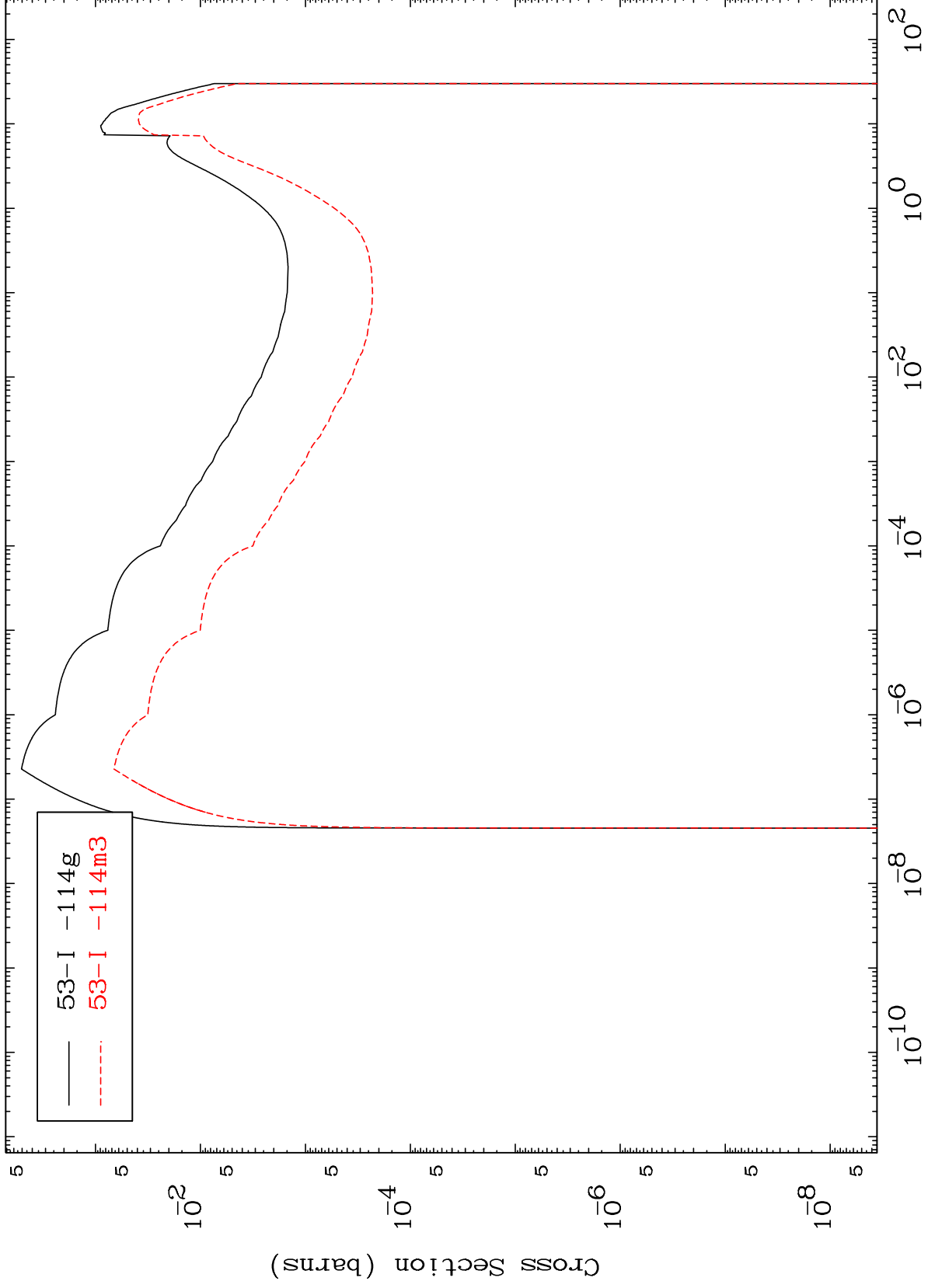
Radionuclide Production Cross Section
(n, γ)



MAT 5477

55-Cs-117

Radionuclide Production Cross Section
(n, α)



49

55-Cs-117

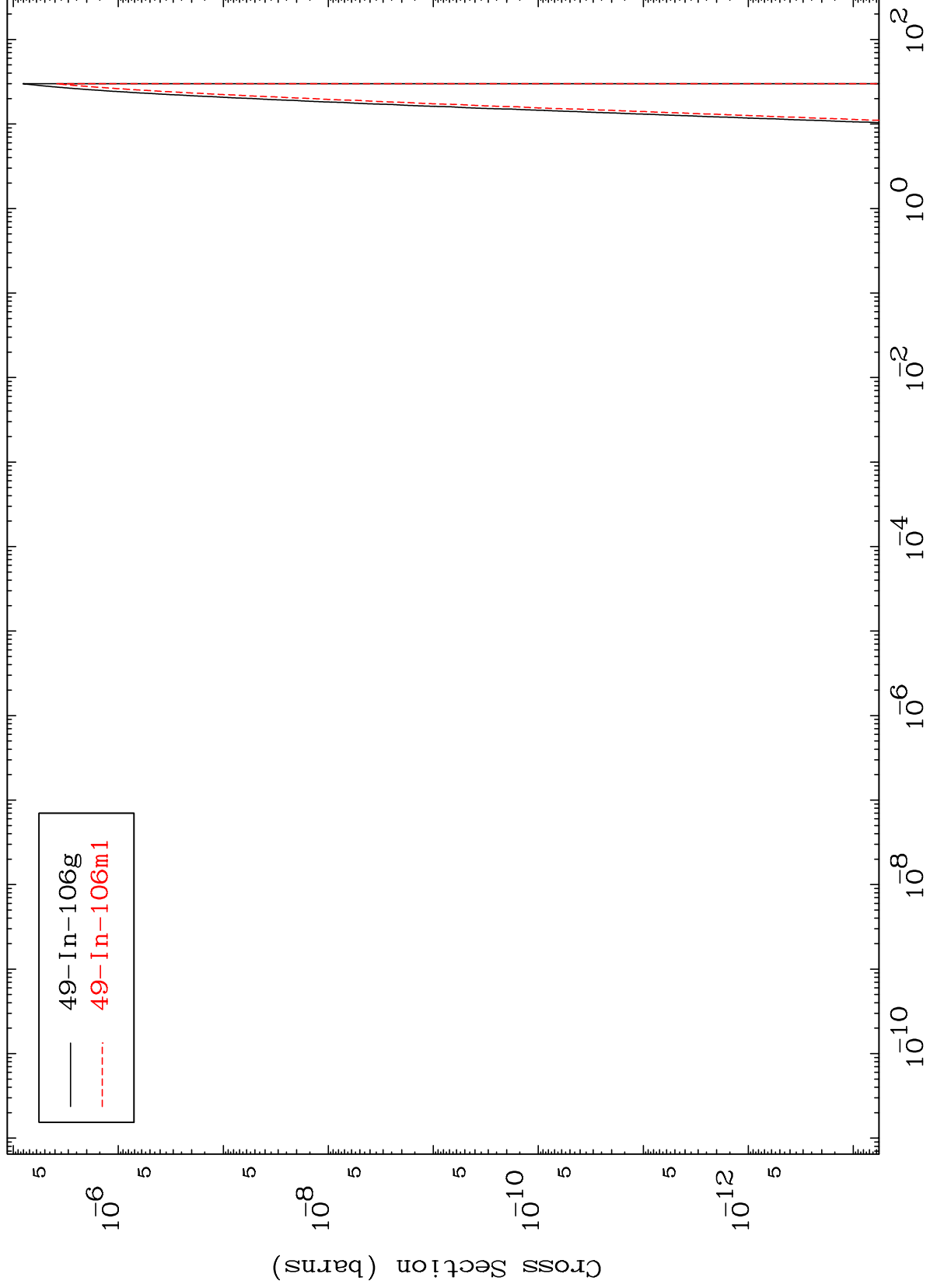
Incident Energy (MeV)

MAT 5477

(n,3α)

55-Cs-117

Radionuclide Production Cross Section



50

Incident Energy (MeV)

55-Cs-117

