

Program EVALPLOT
(Version 2015-2)

by

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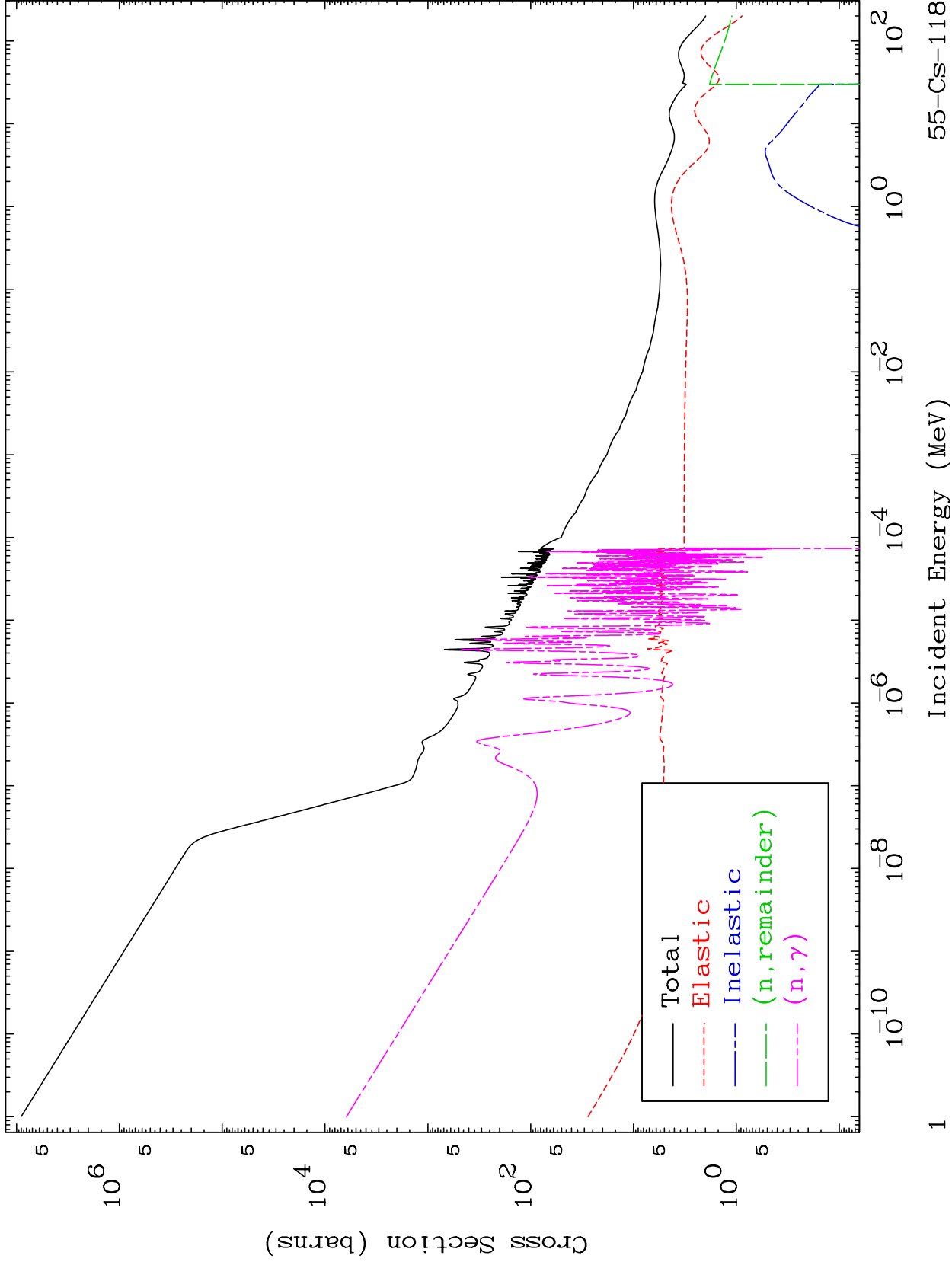
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5480

Major
293 Kelvin Cross Sections

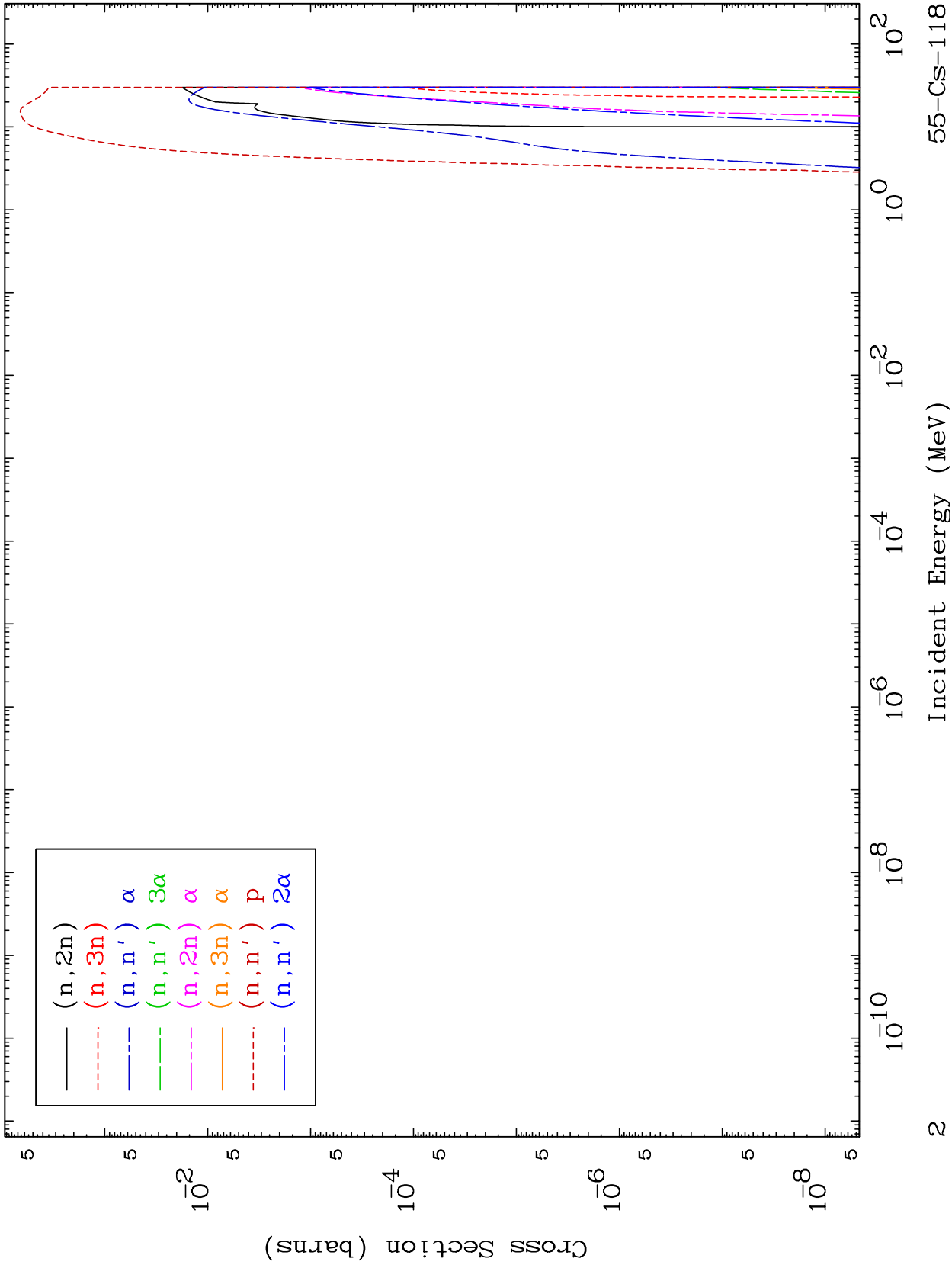
55-Cs-118

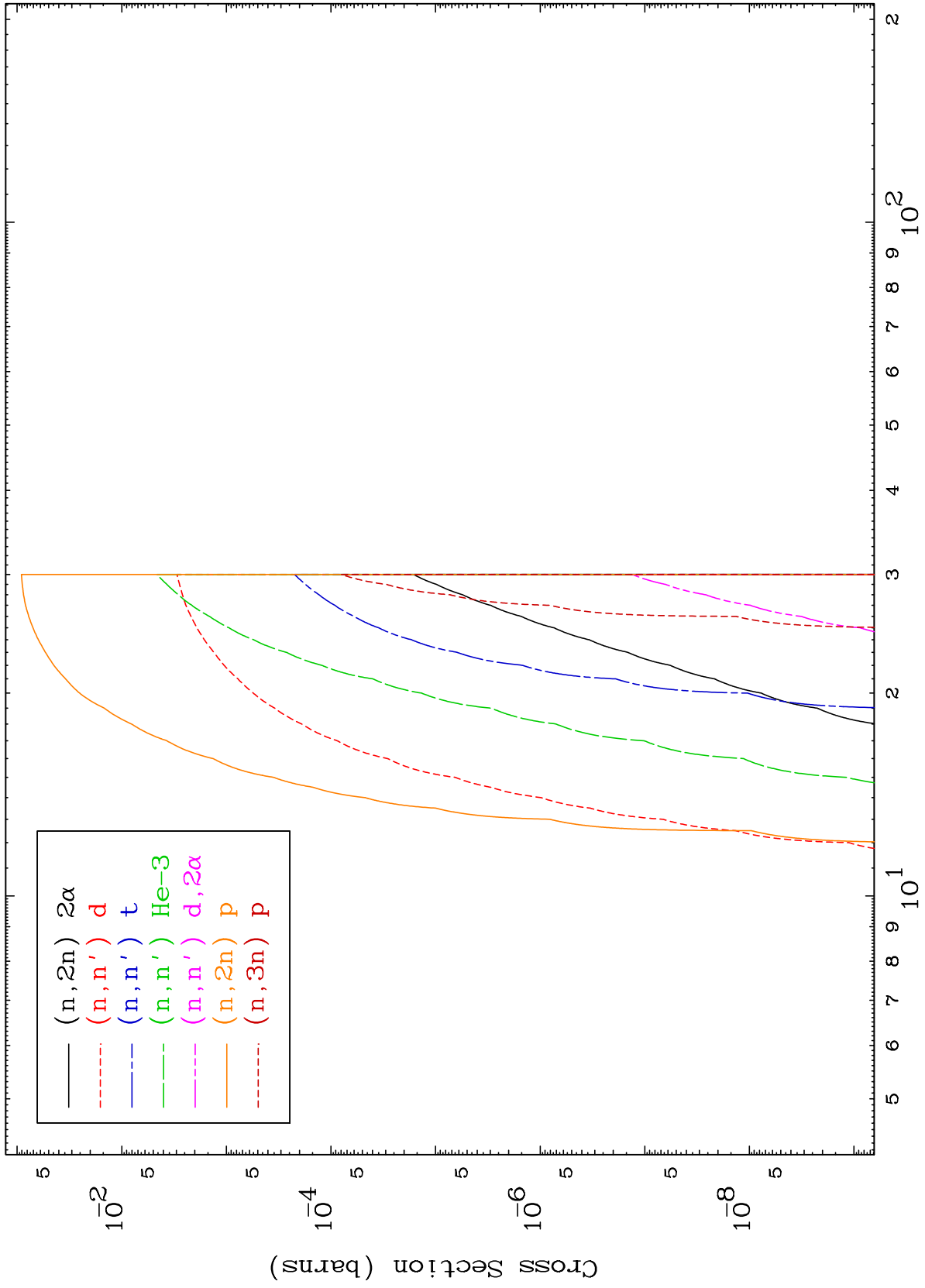


MAT 5480

Neutron Production
293 Kelvin Cross Sections

55-Cs-118

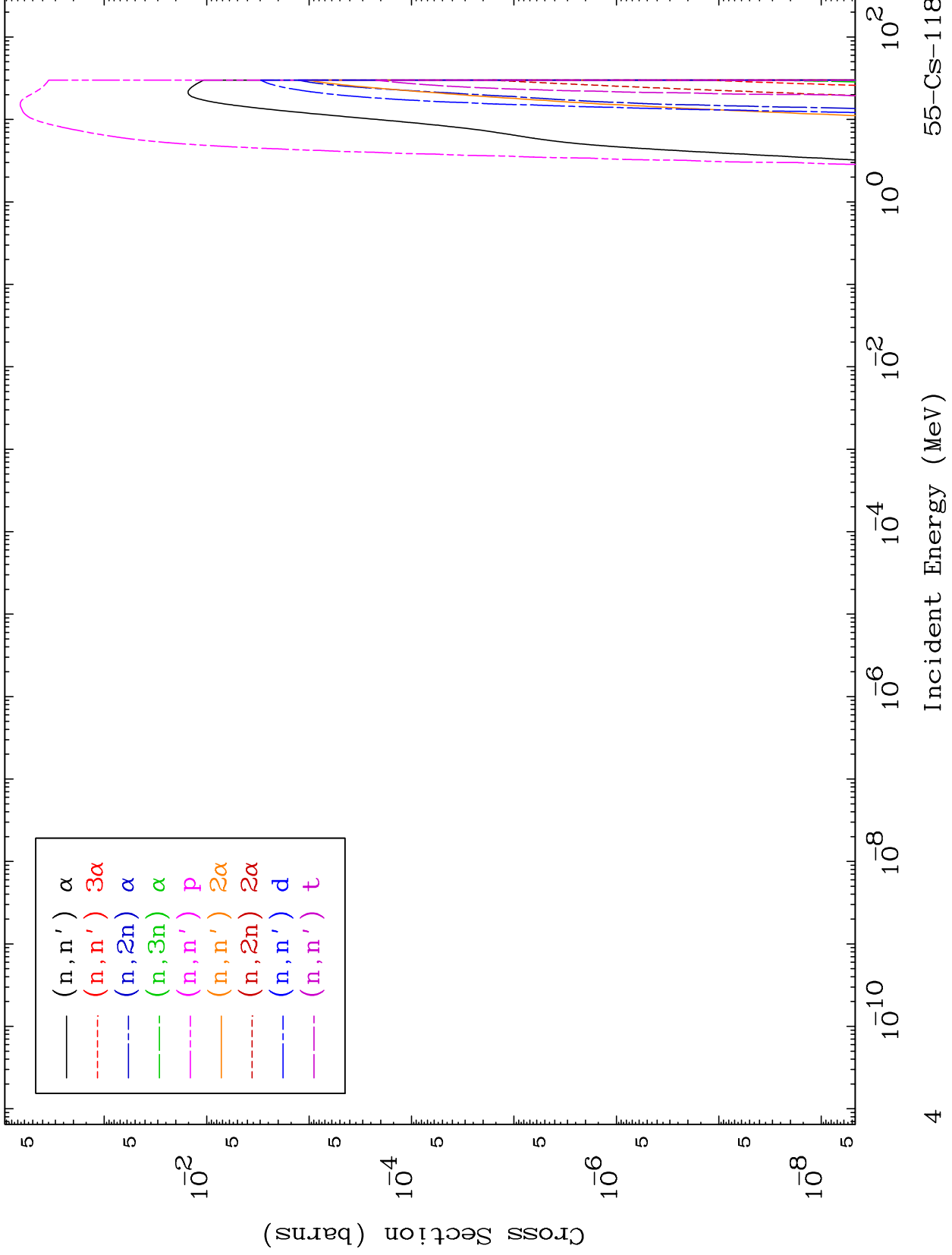


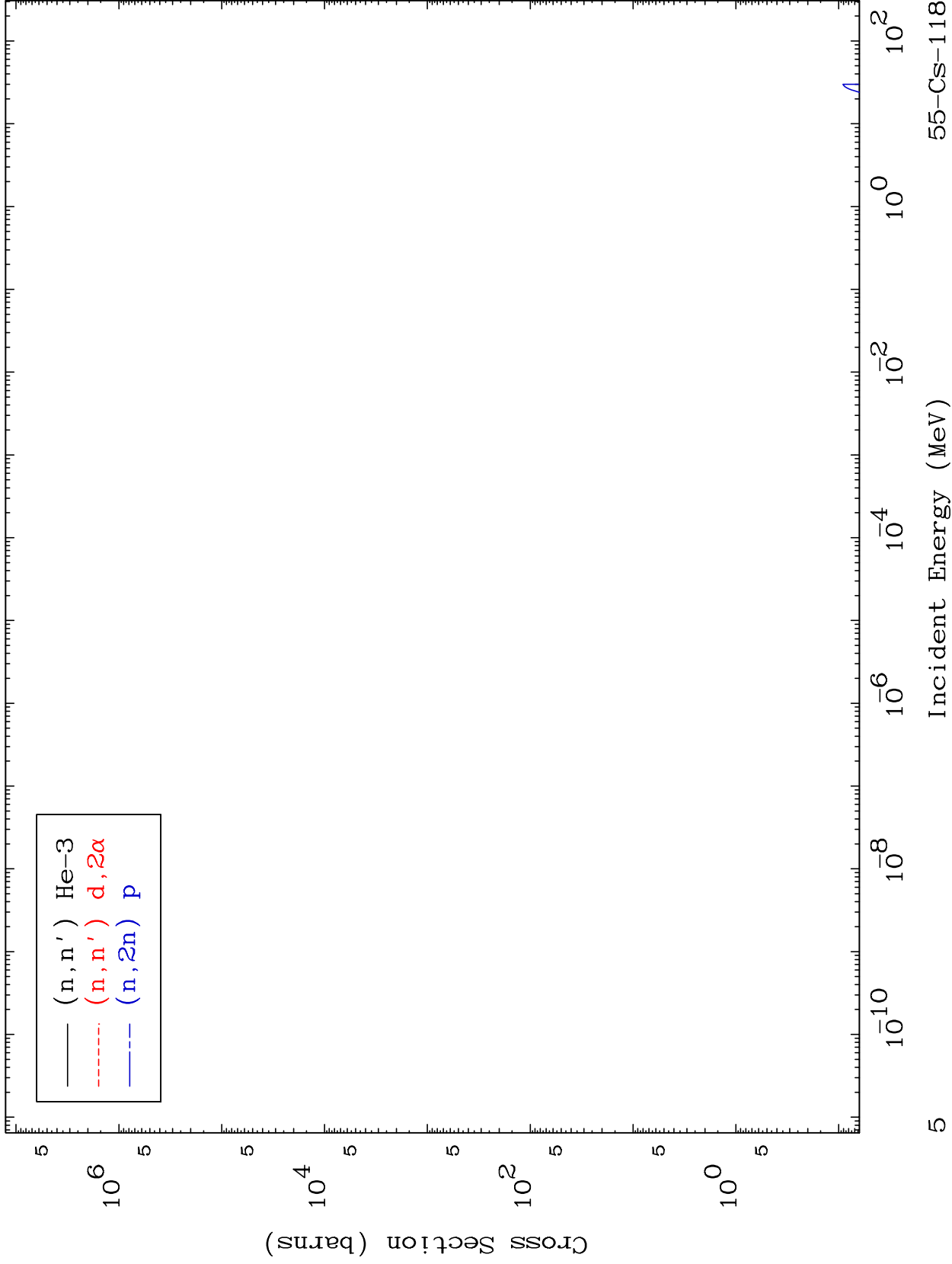


MAT 5480

Charged Particle
293 Kelvin Cross Sections

55-Cs-118

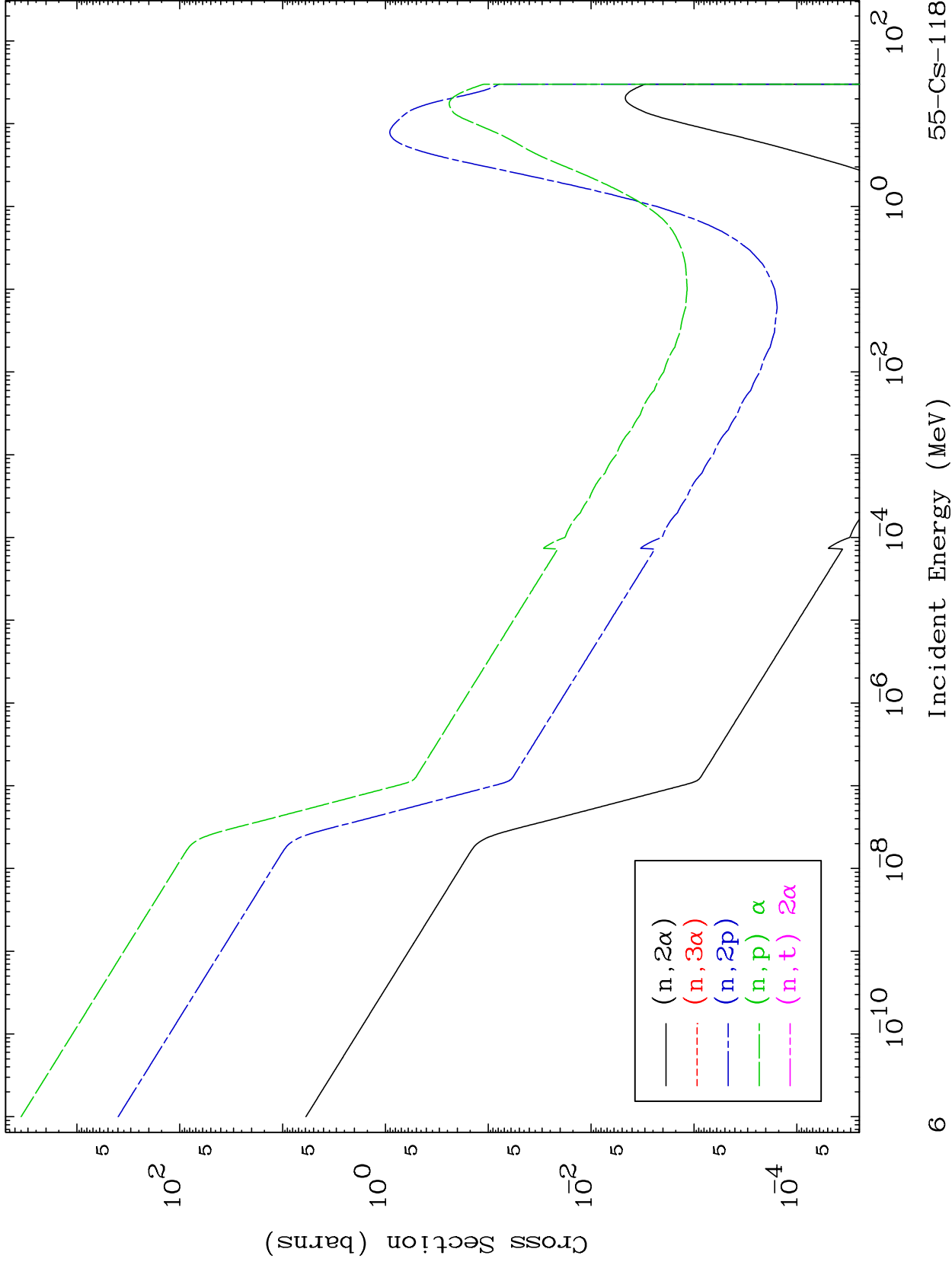


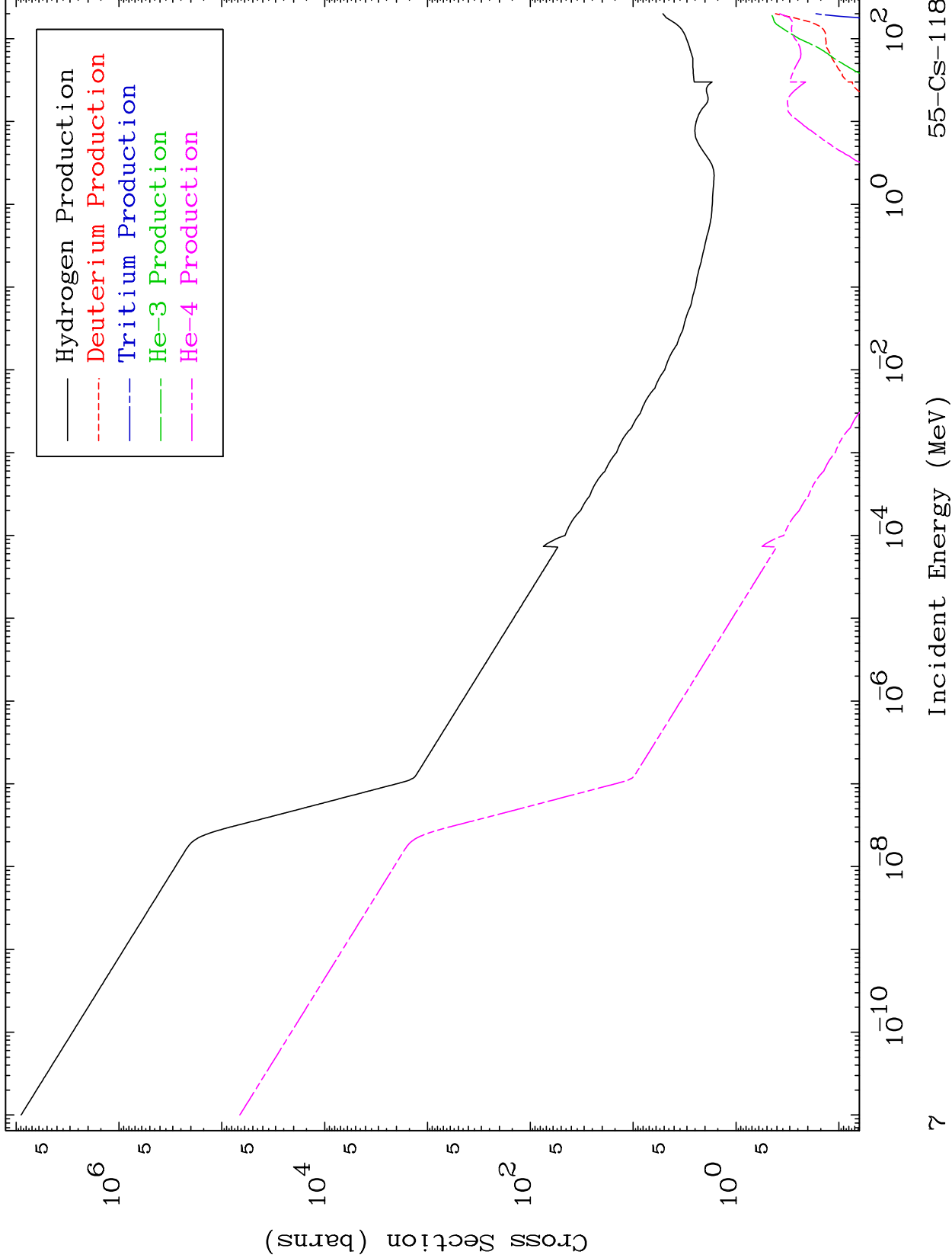


MAT 5480

Charged Particle
293 Kelvin Cross Sections

55-Cs-118

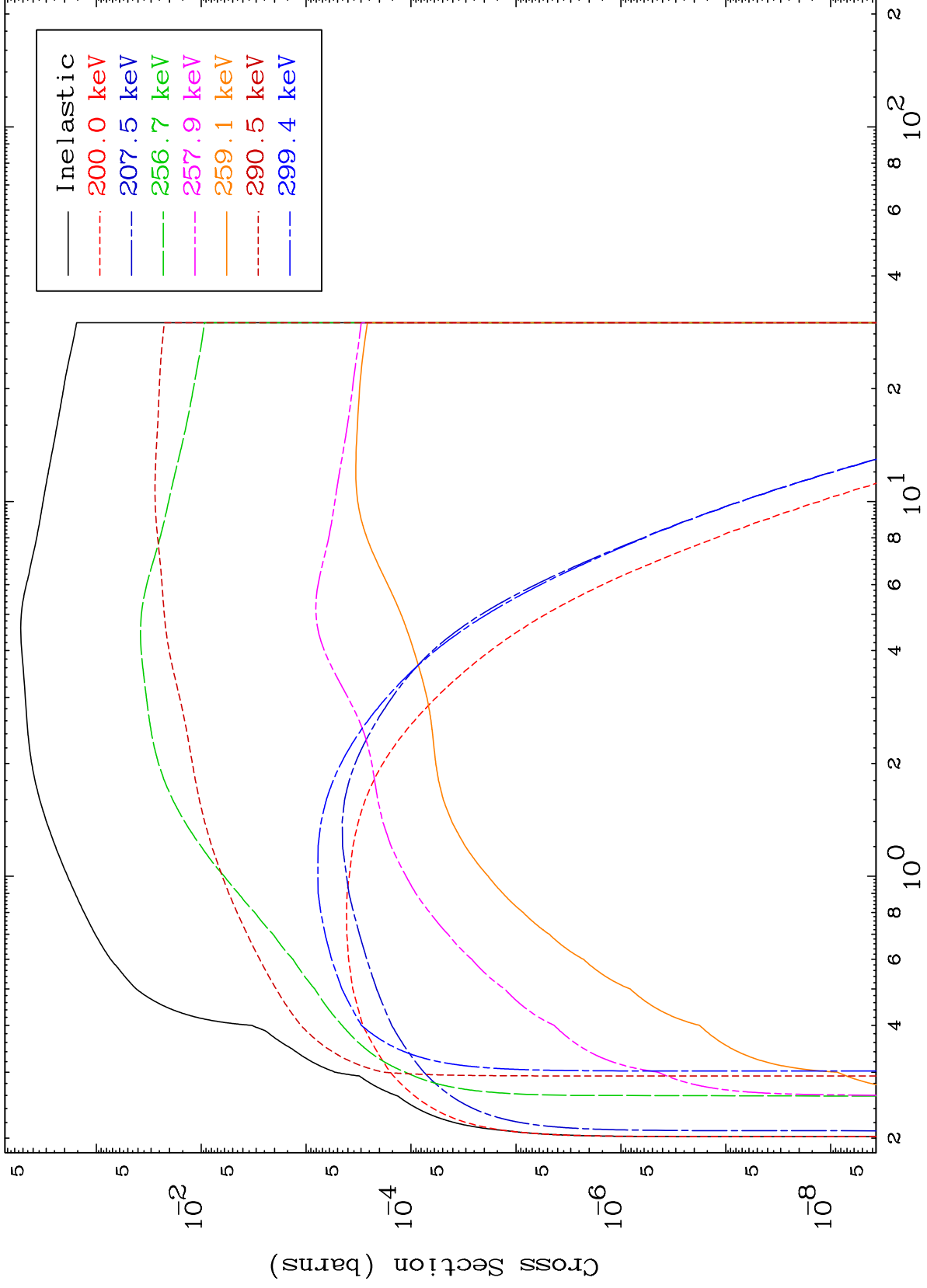




MAT 5480

(n,n') Level
293 Kelvin Cross Sections

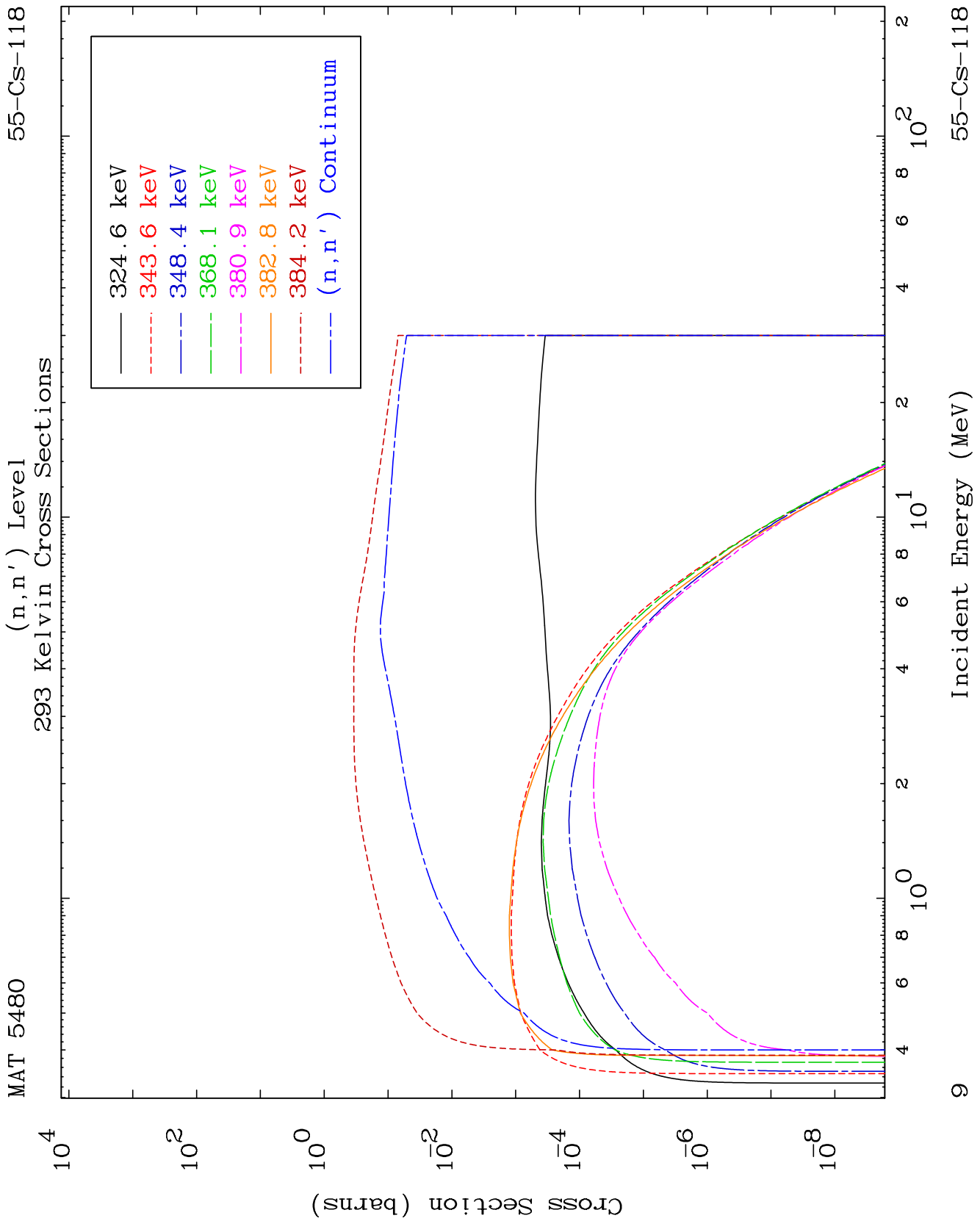
55-Cs-118



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Incident Energy (MeV)

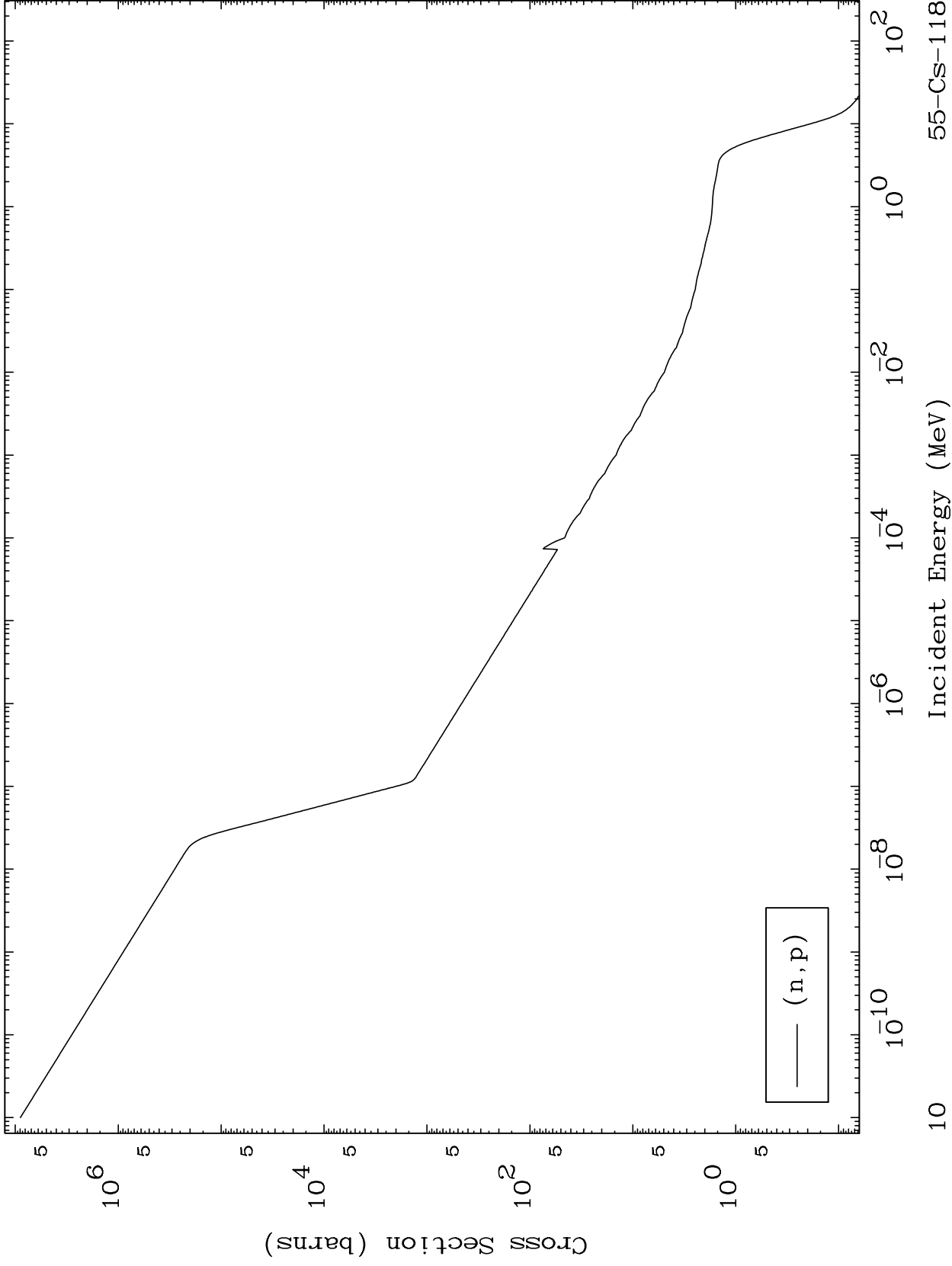
55-Cs-118



MAT 5480

(n,p) Levels
293 Kelvin Cross Sections

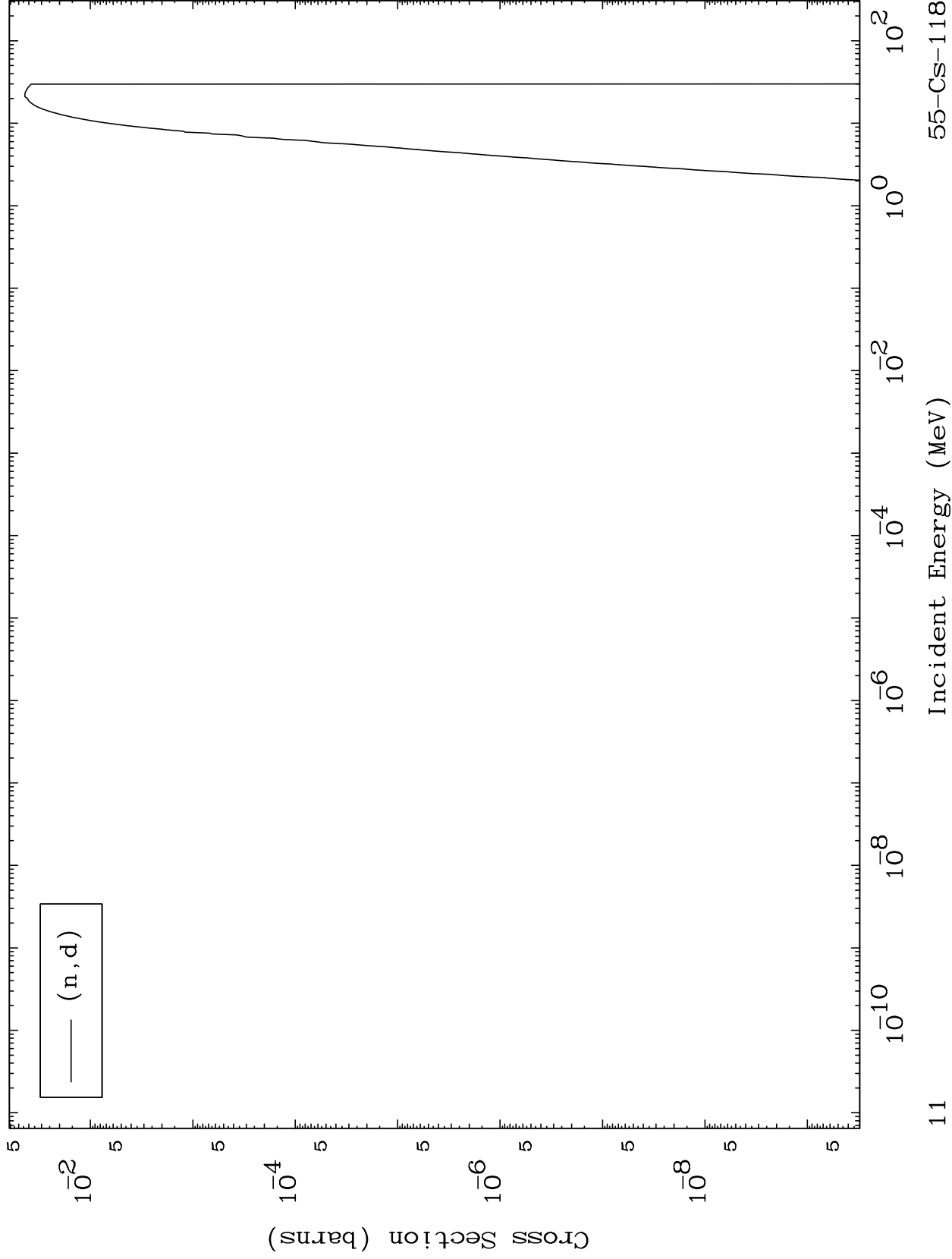
55-Cs-118



MAT 5480

(n,d) Levels
293 Kelvin Cross Sections

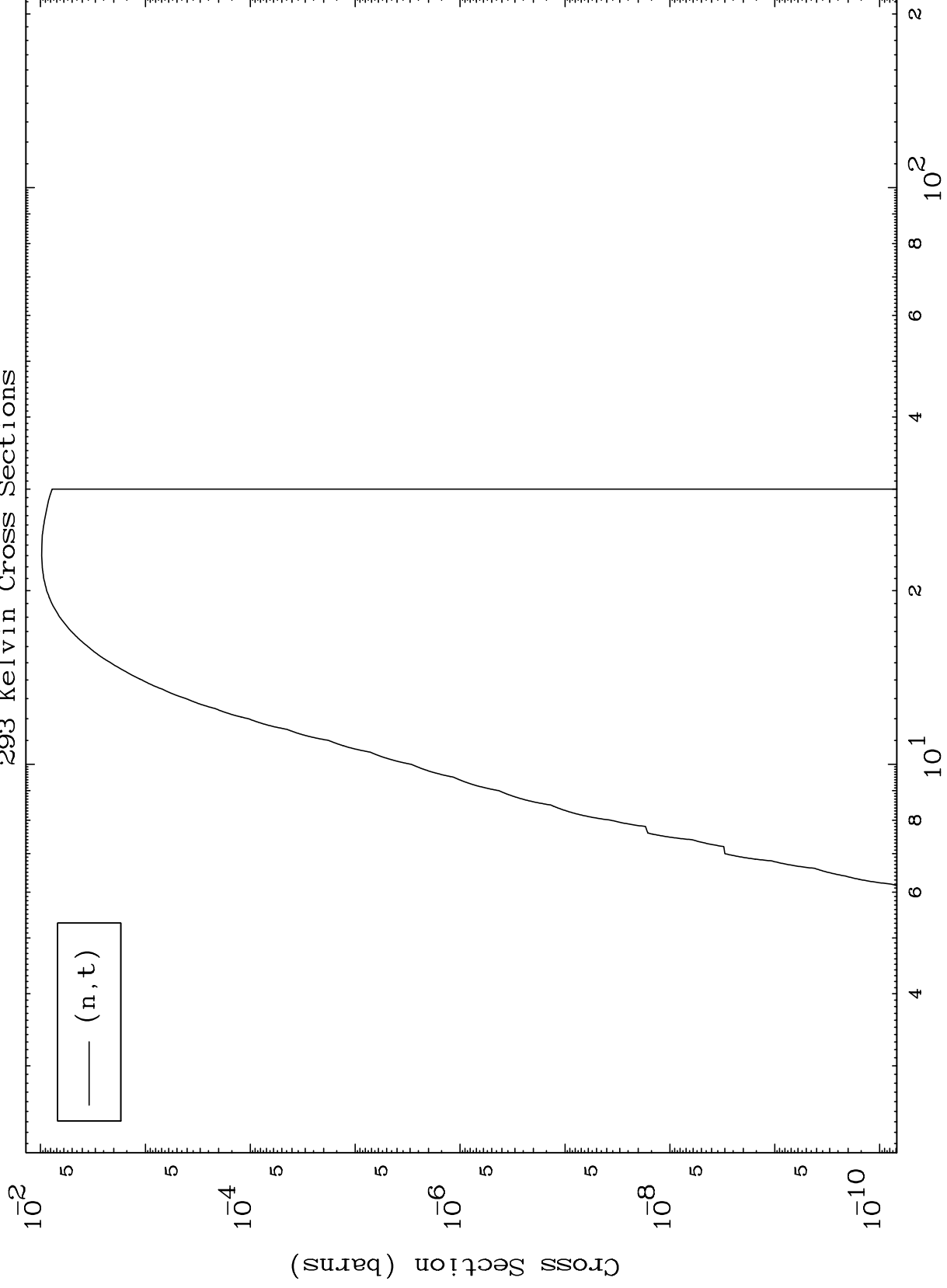
55-Cs-118



MAT 5480

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-118



12

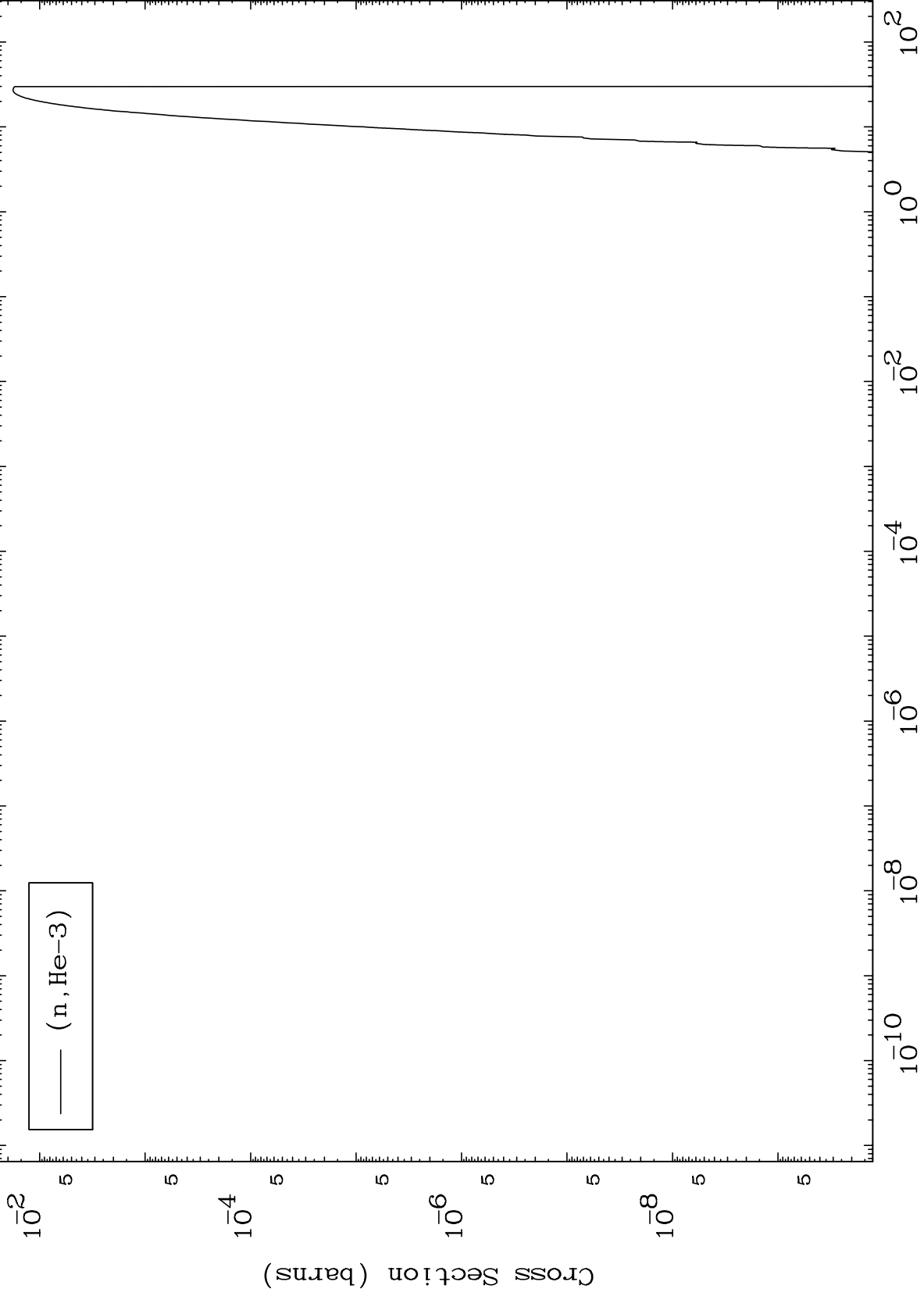
Incident Energy (MeV)

55-Cs-118

MAT 5480

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-118



13

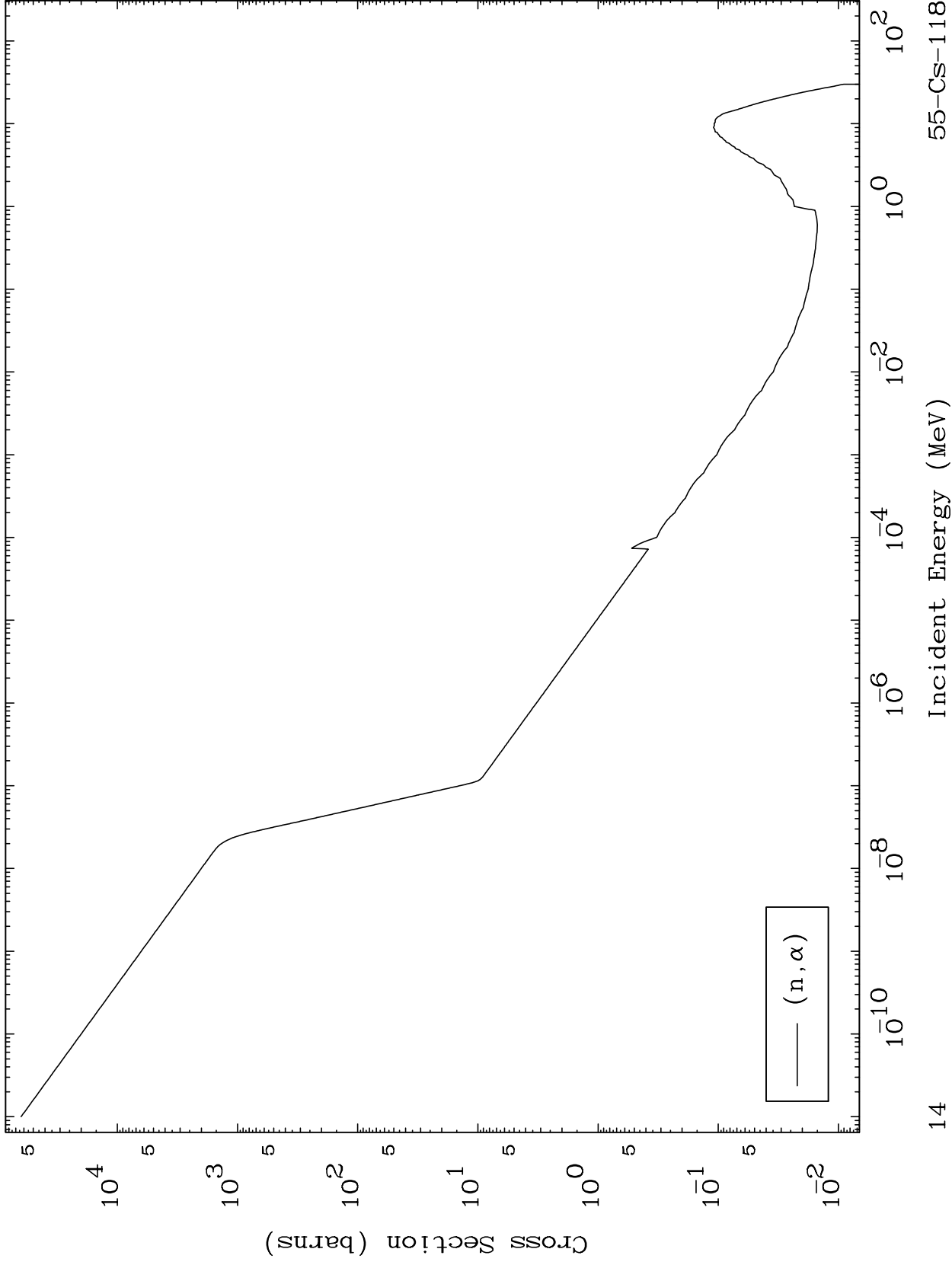
Incident Energy (MeV)

55-Cs-118

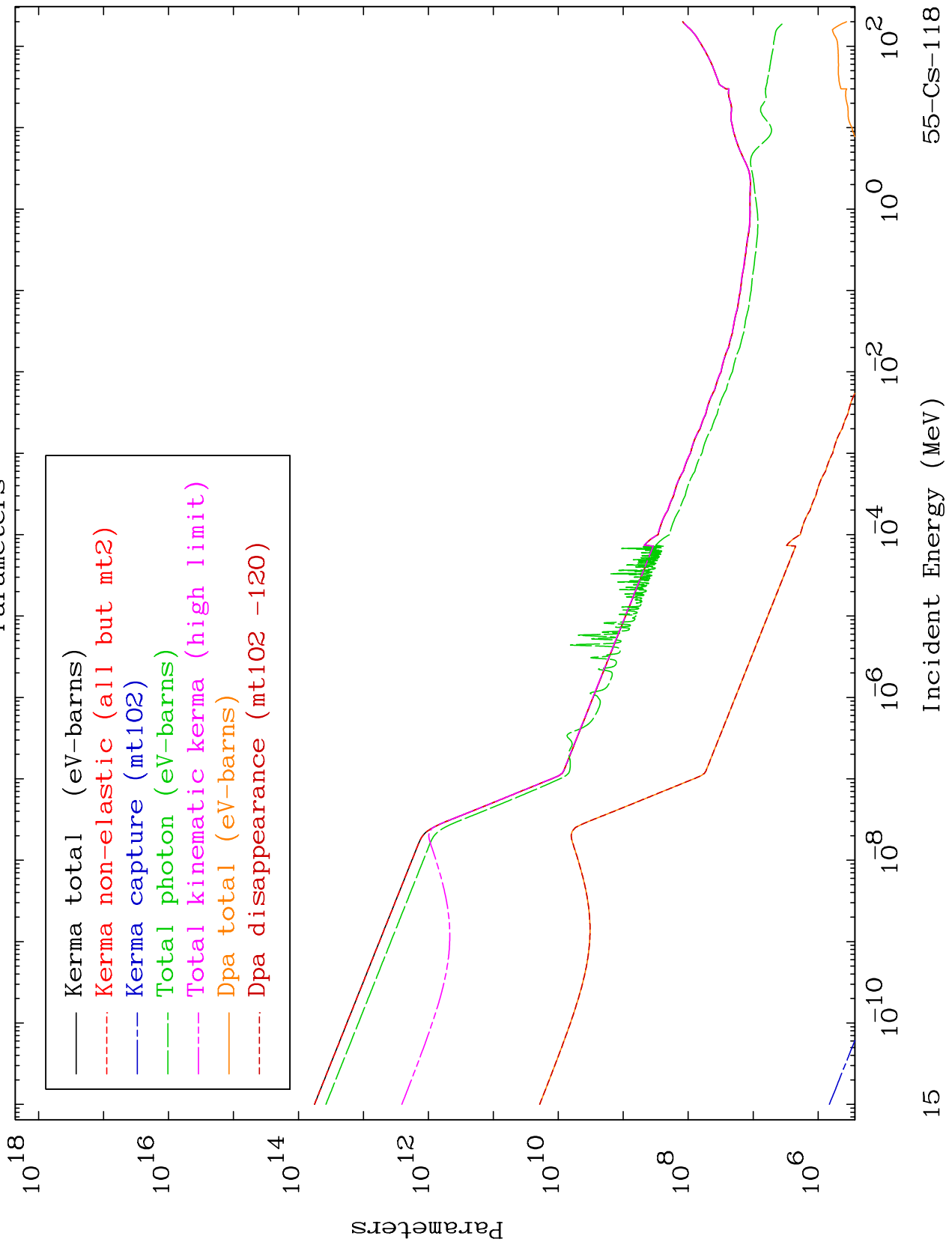
MAT 5480

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-118



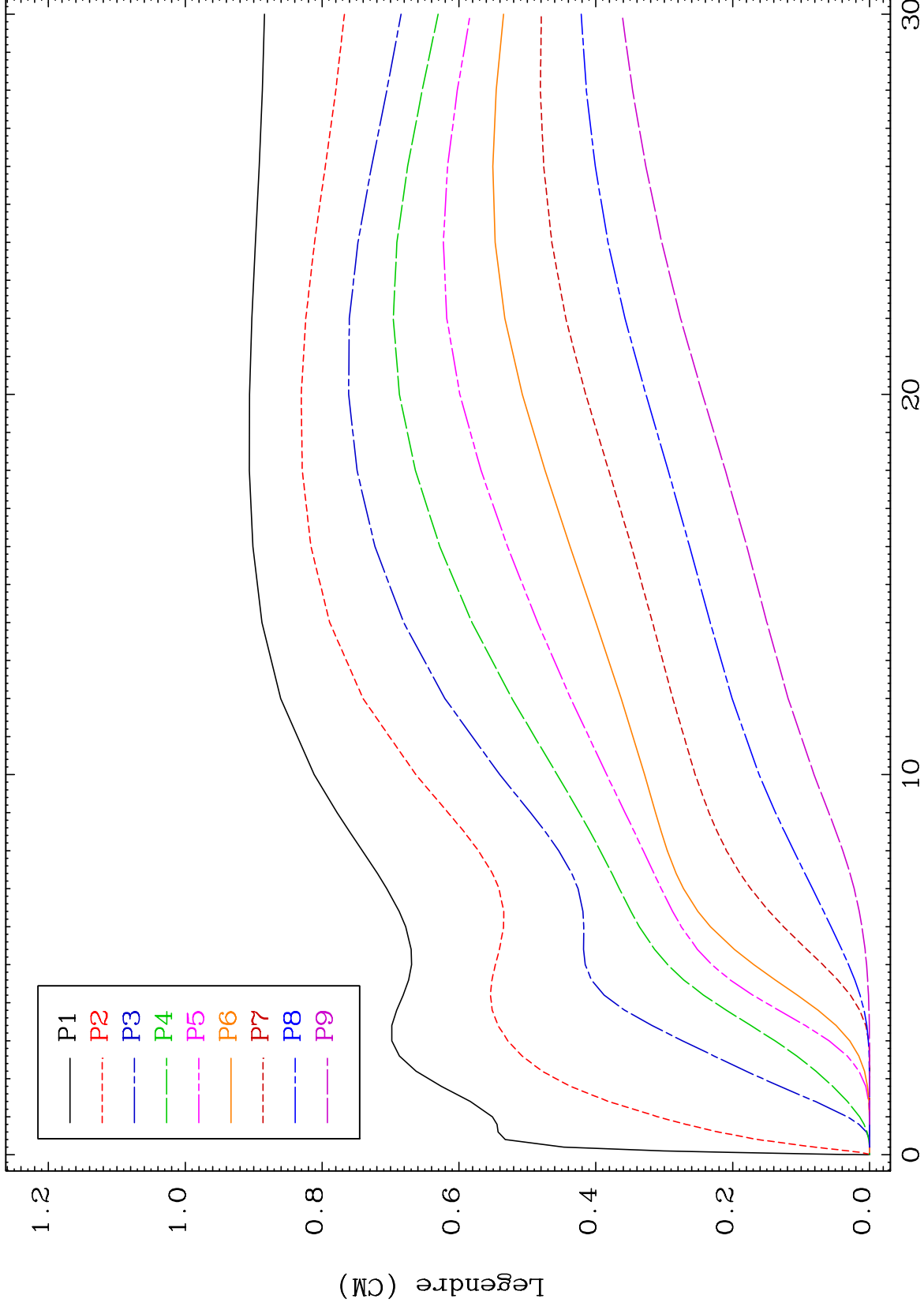
55-Cs-118



MAT 5480

Elastic Legendre Coefficients

55-Cs-118



16

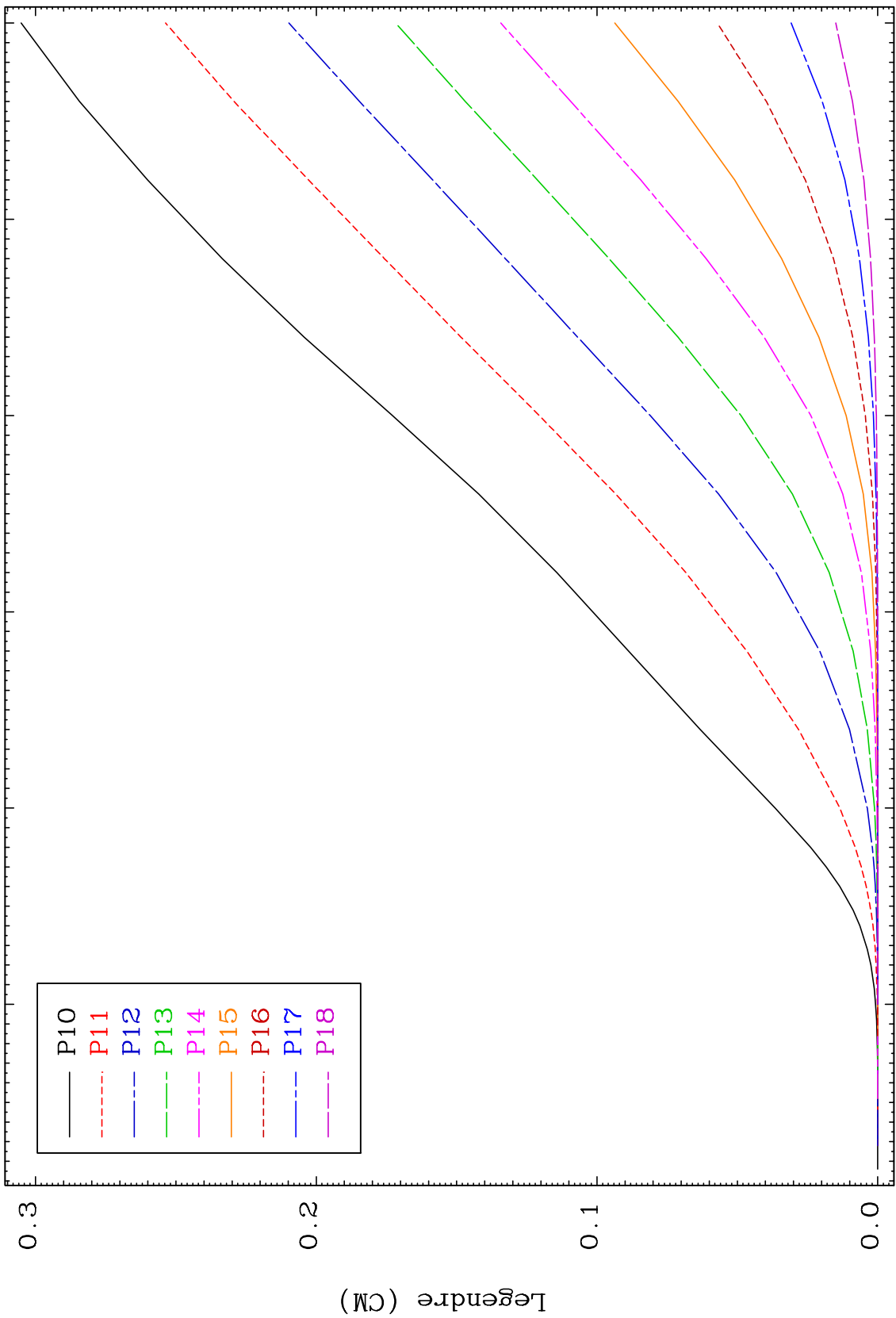
Incident Energy (MeV)

55-Cs-118

MAT 5480

Elastic Legendre Coefficients

55-Cs-118



17

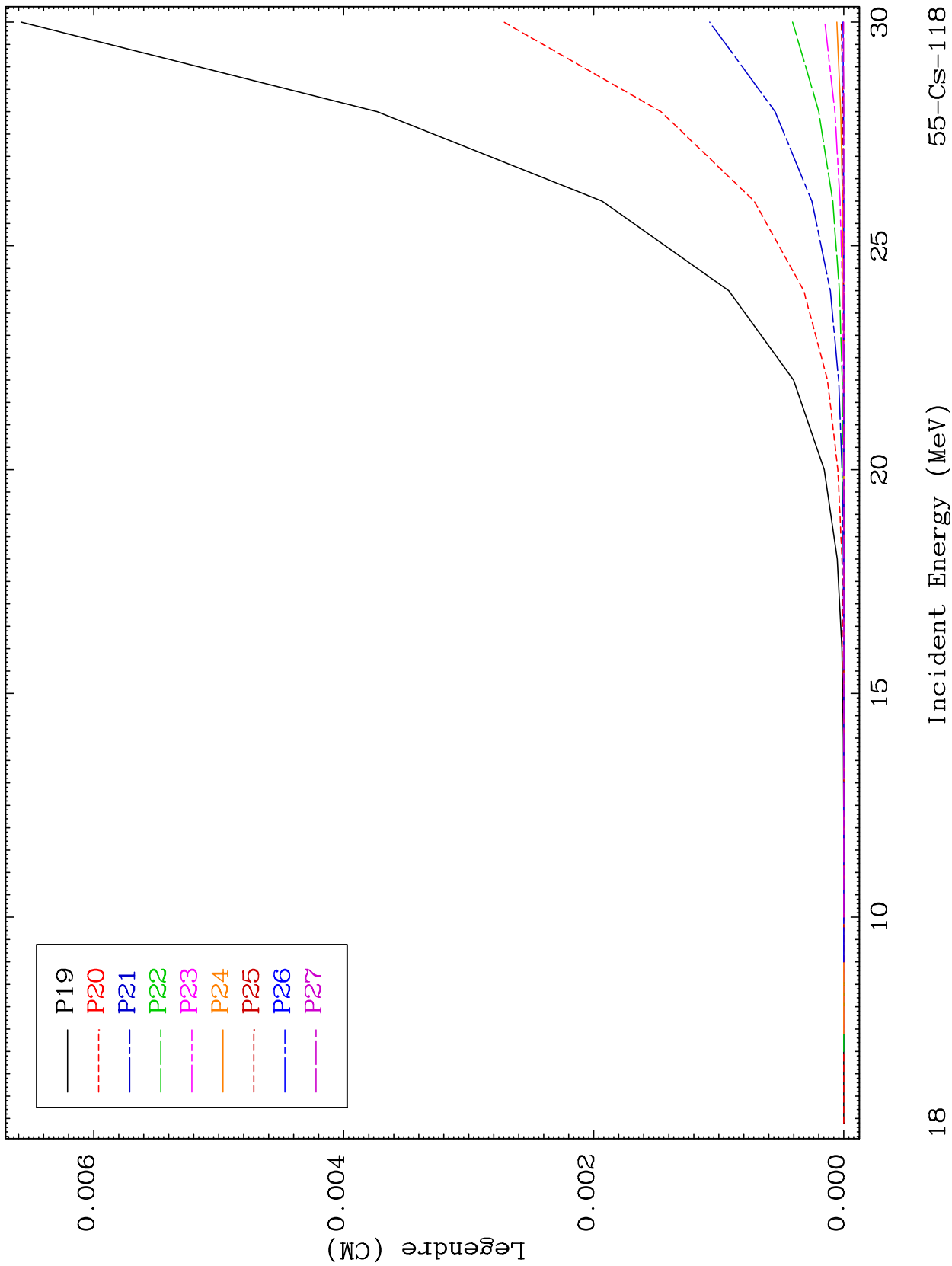
Incident Energy (MeV)

55-Cs-118

MAT 5480

Elastic Legendre Coefficients

55-Cs-118



18

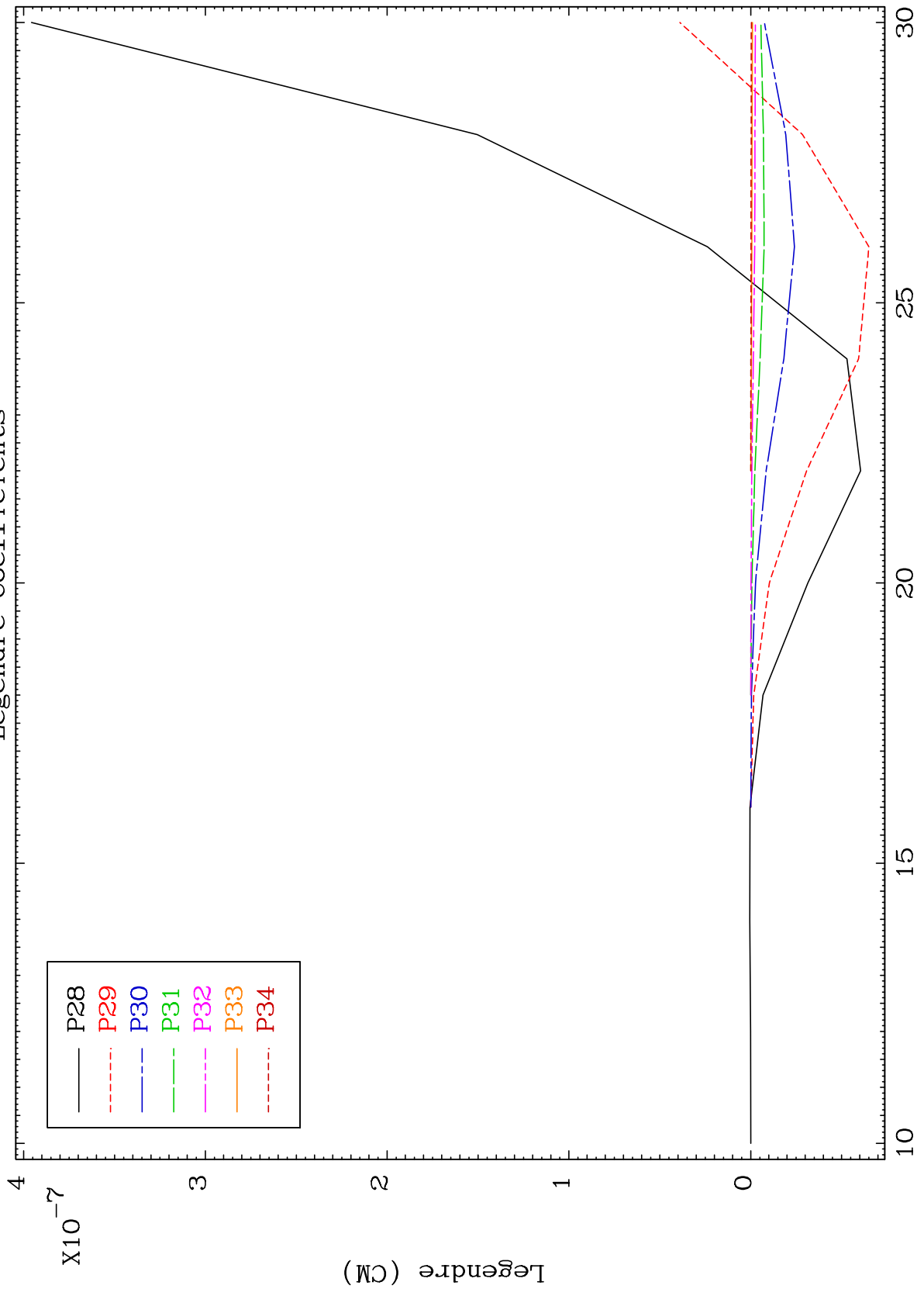
Incident Energy (MeV)

55-Cs-118

MAT 5480

Elastic Legendre Coefficients

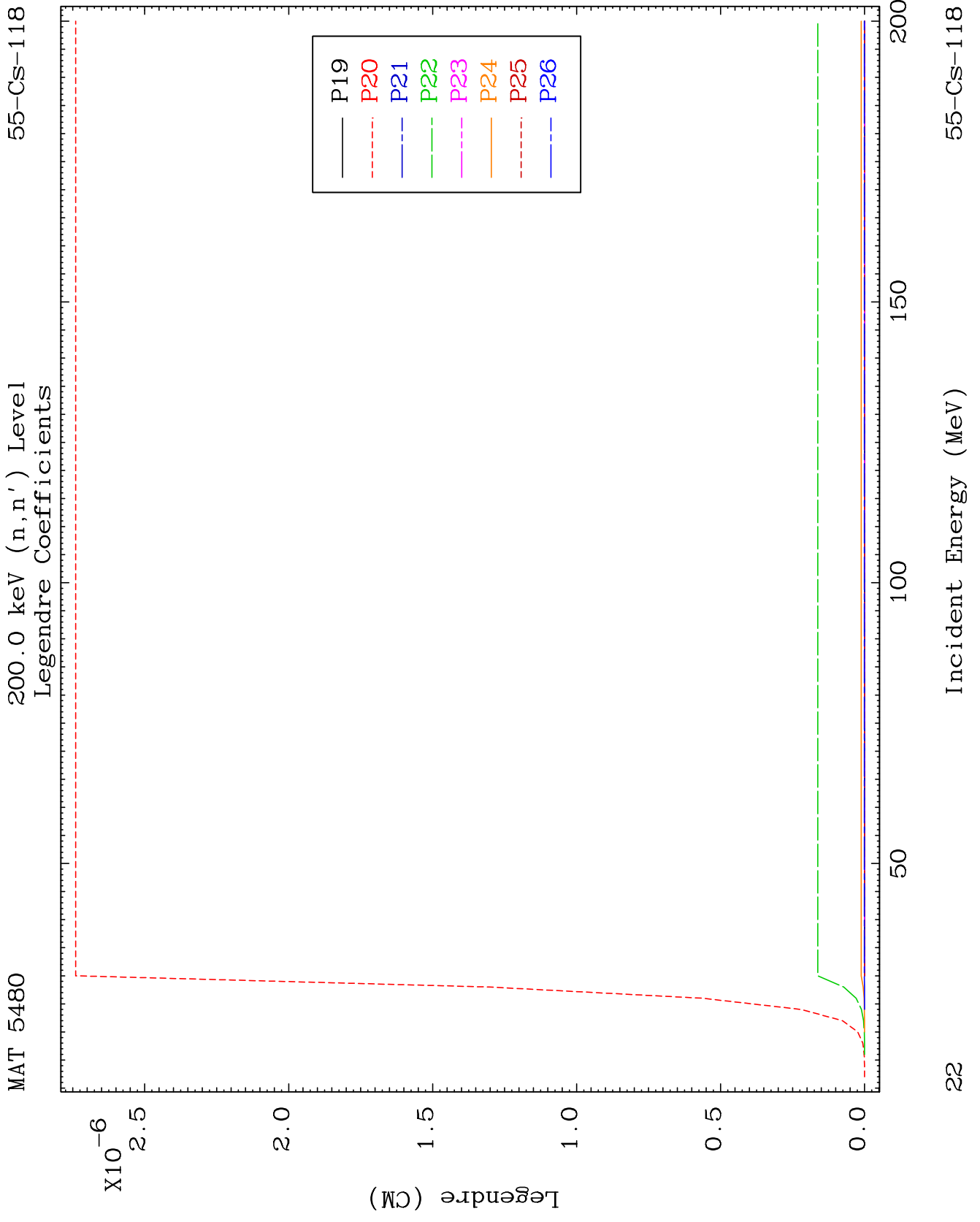
55-Cs-118



19

Incident Energy (MeV)

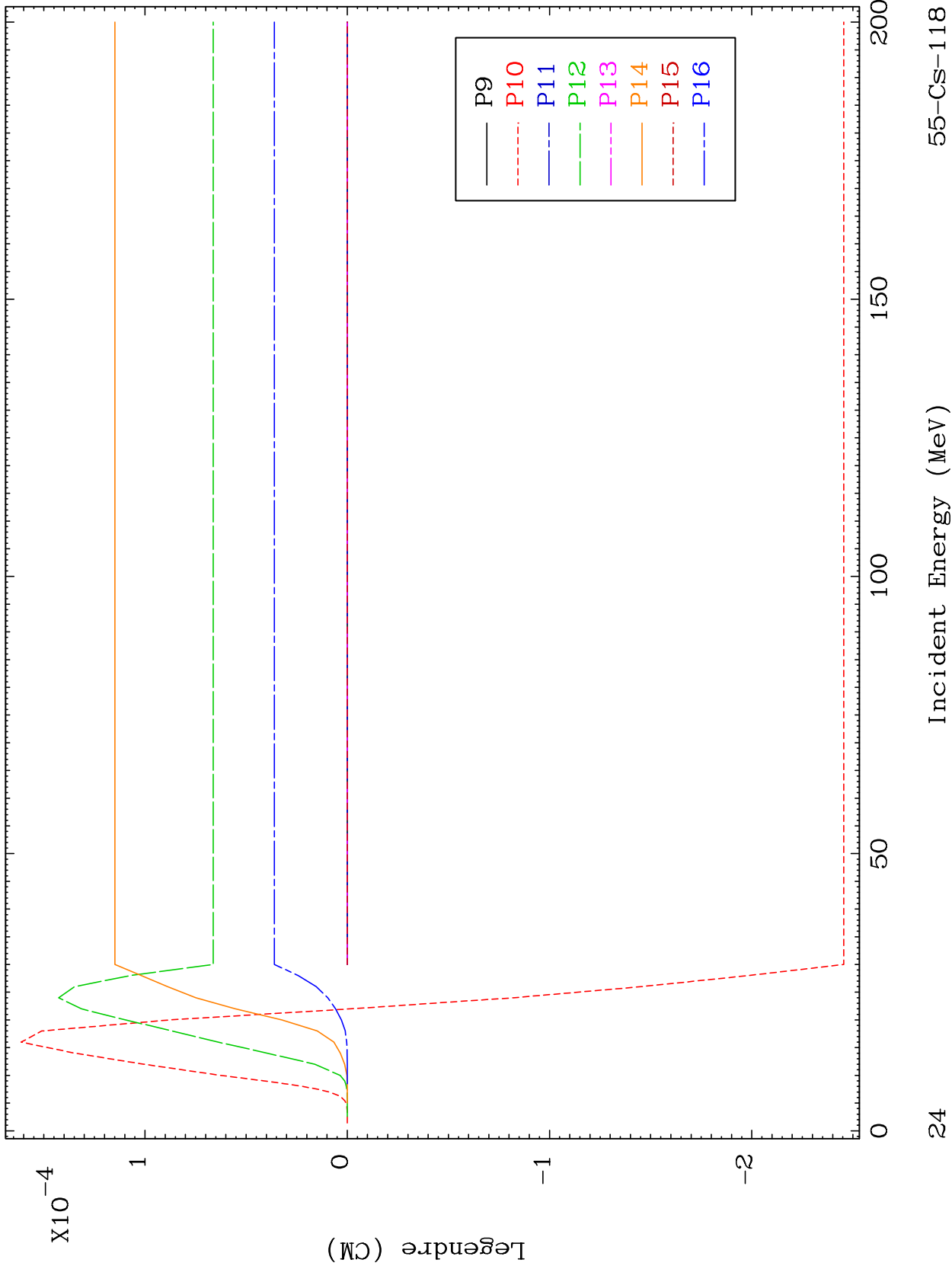
55-Cs-118



MAT 5480

207.5 keV (n,n') Level
Legendre Coefficients

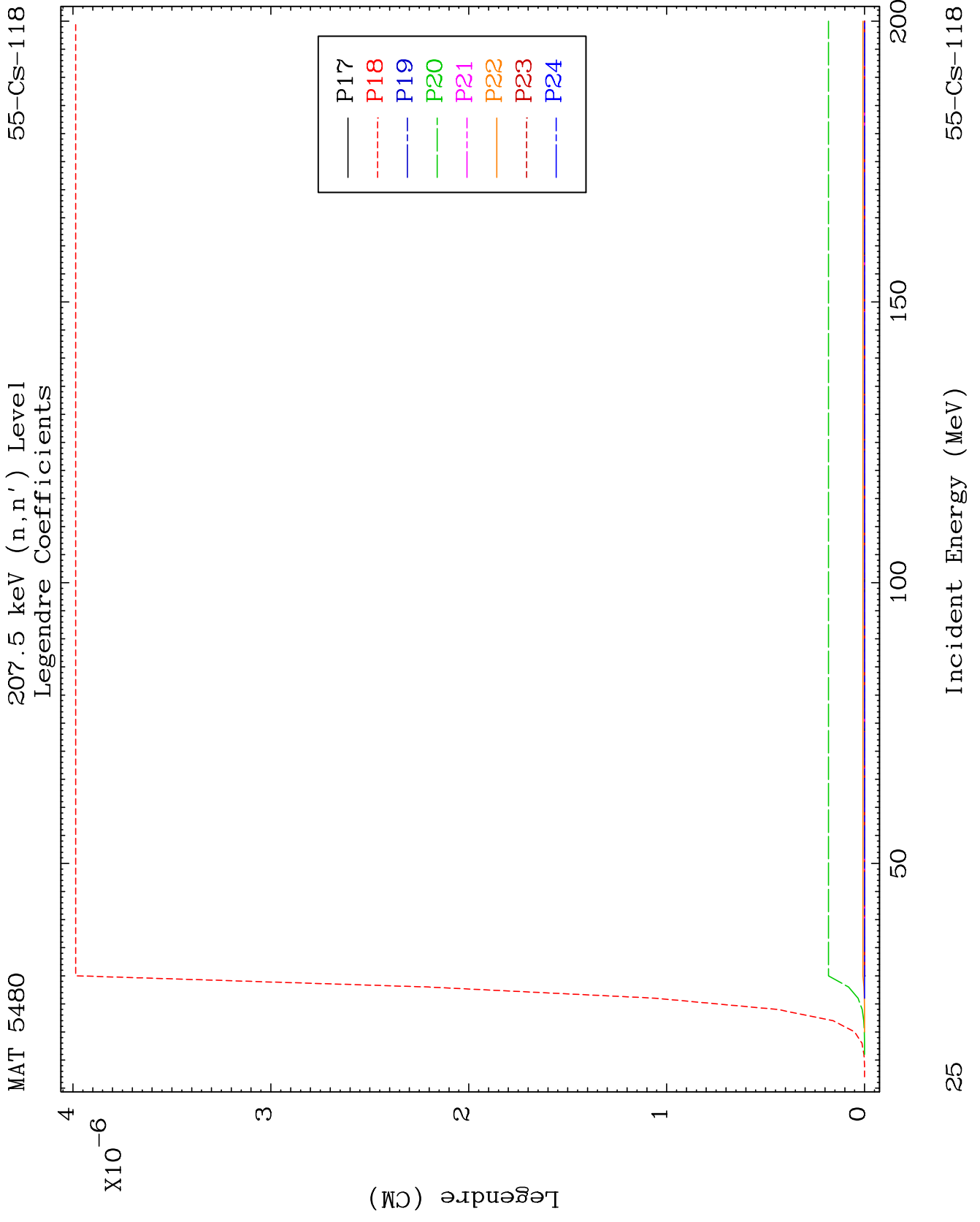
55-Cs-118



55-Cs-118

Incident Energy (MeV)

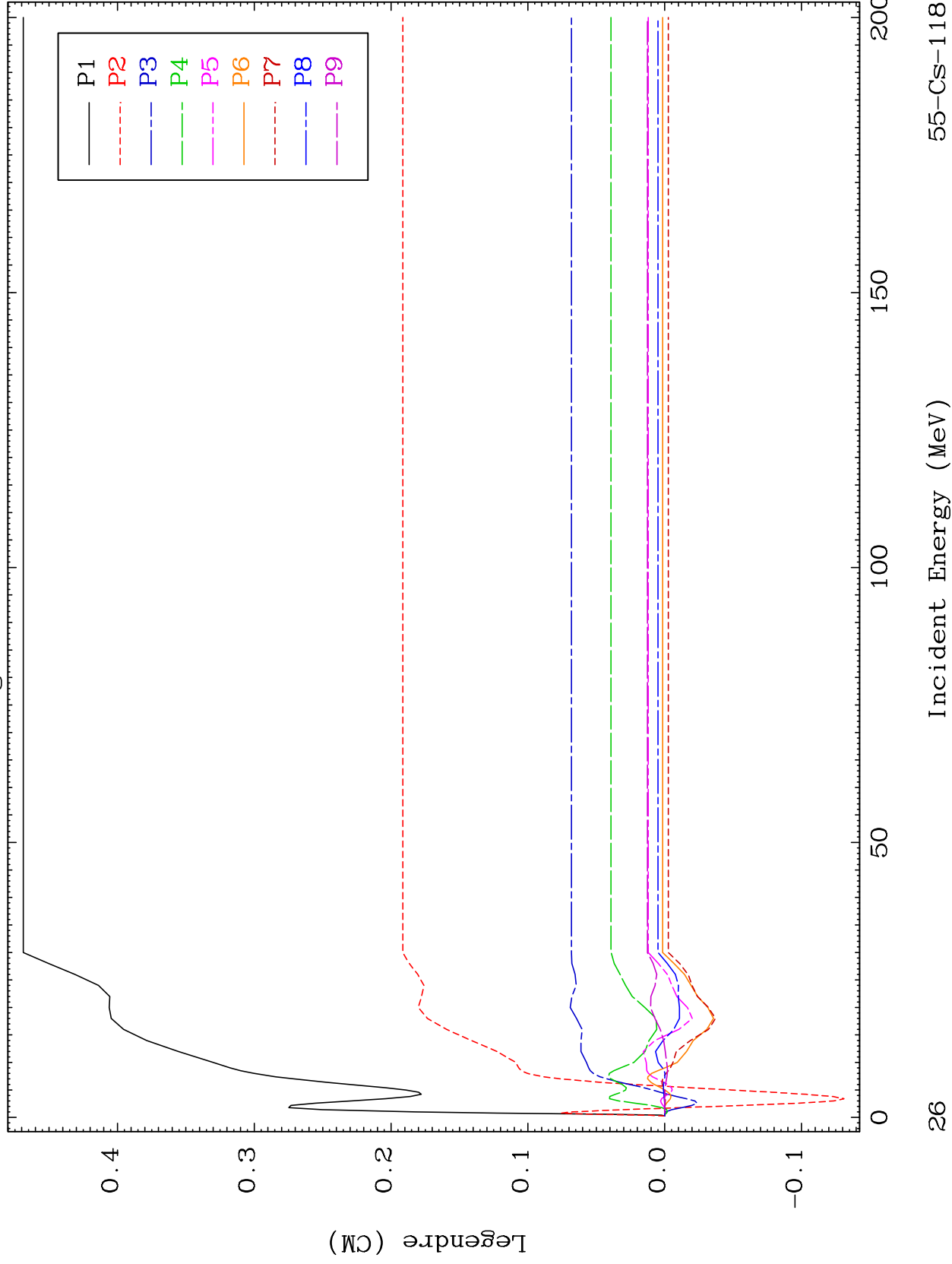
24



MAT 5480

256.7 keV (n,n') Level
Legendre Coefficients

55-Cs-118



55-Cs-118

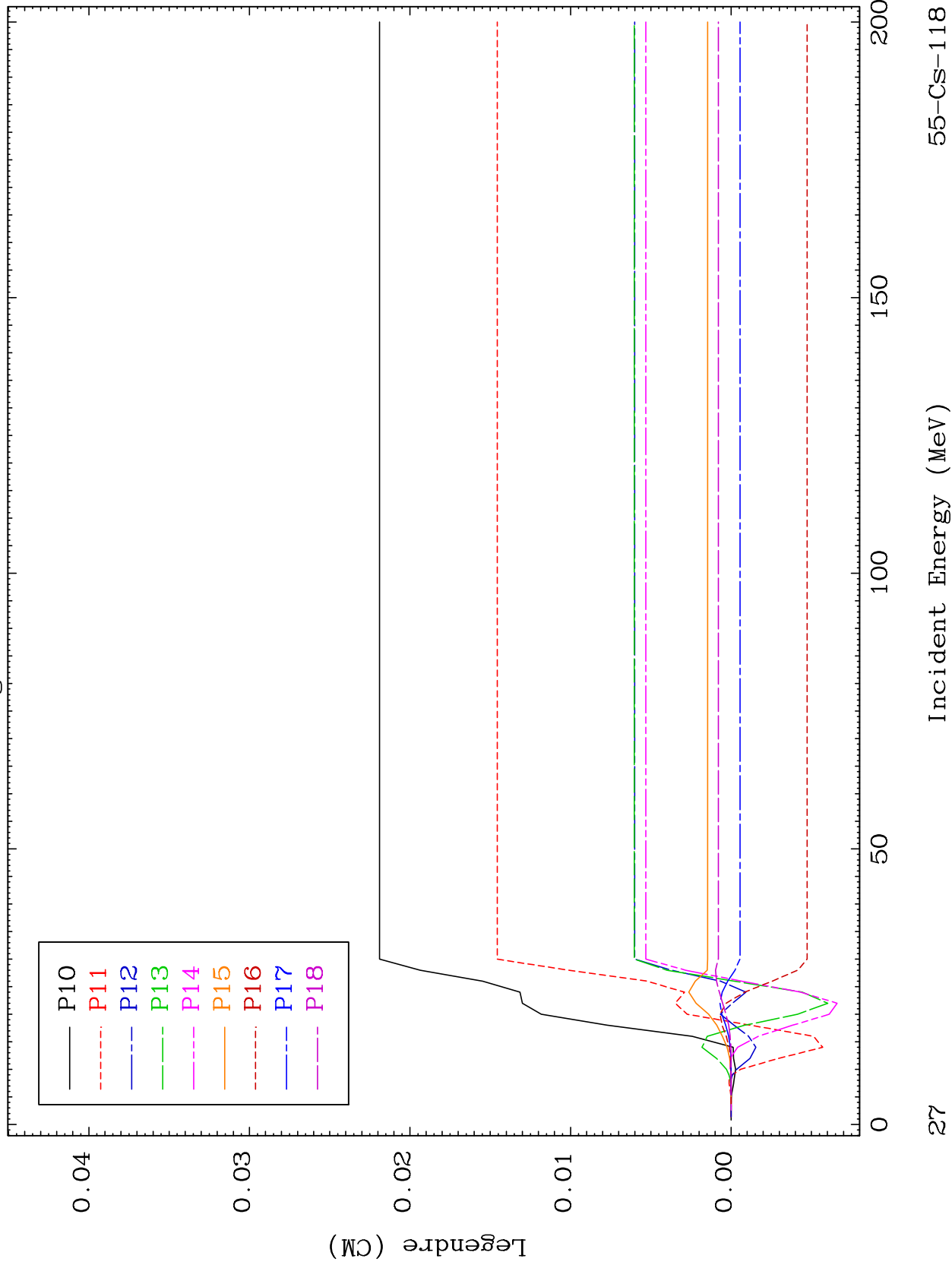
Incident Energy (MeV)

26

MAT 5480

256.7 keV (n,n') Level
Legendre Coefficients

55-Cs-118



27

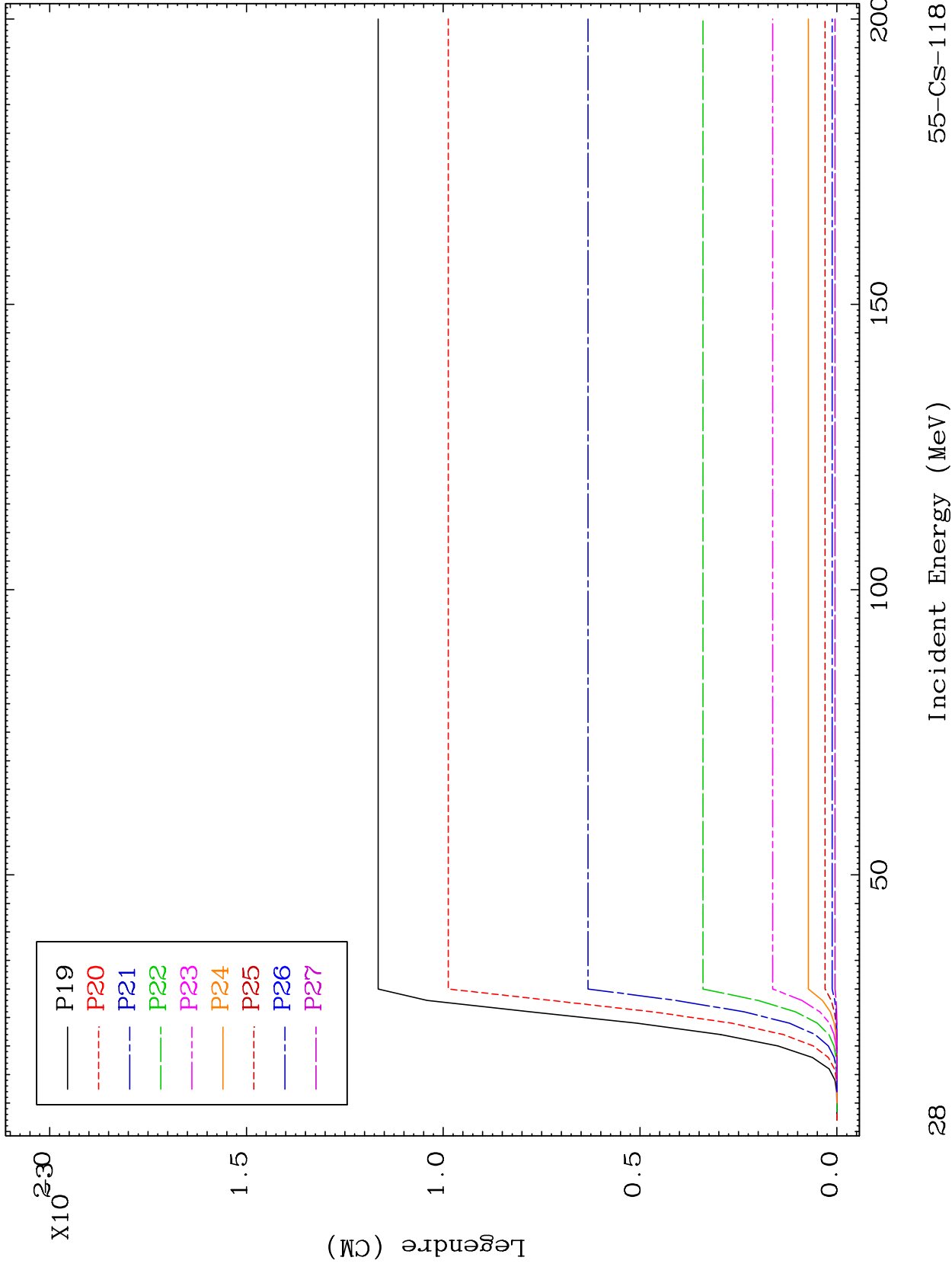
Incident Energy (MeV)

55-Cs-118

MAT 5480

256.7 keV (n,n') Level
Legendre Coefficients

55-Cs-118



28

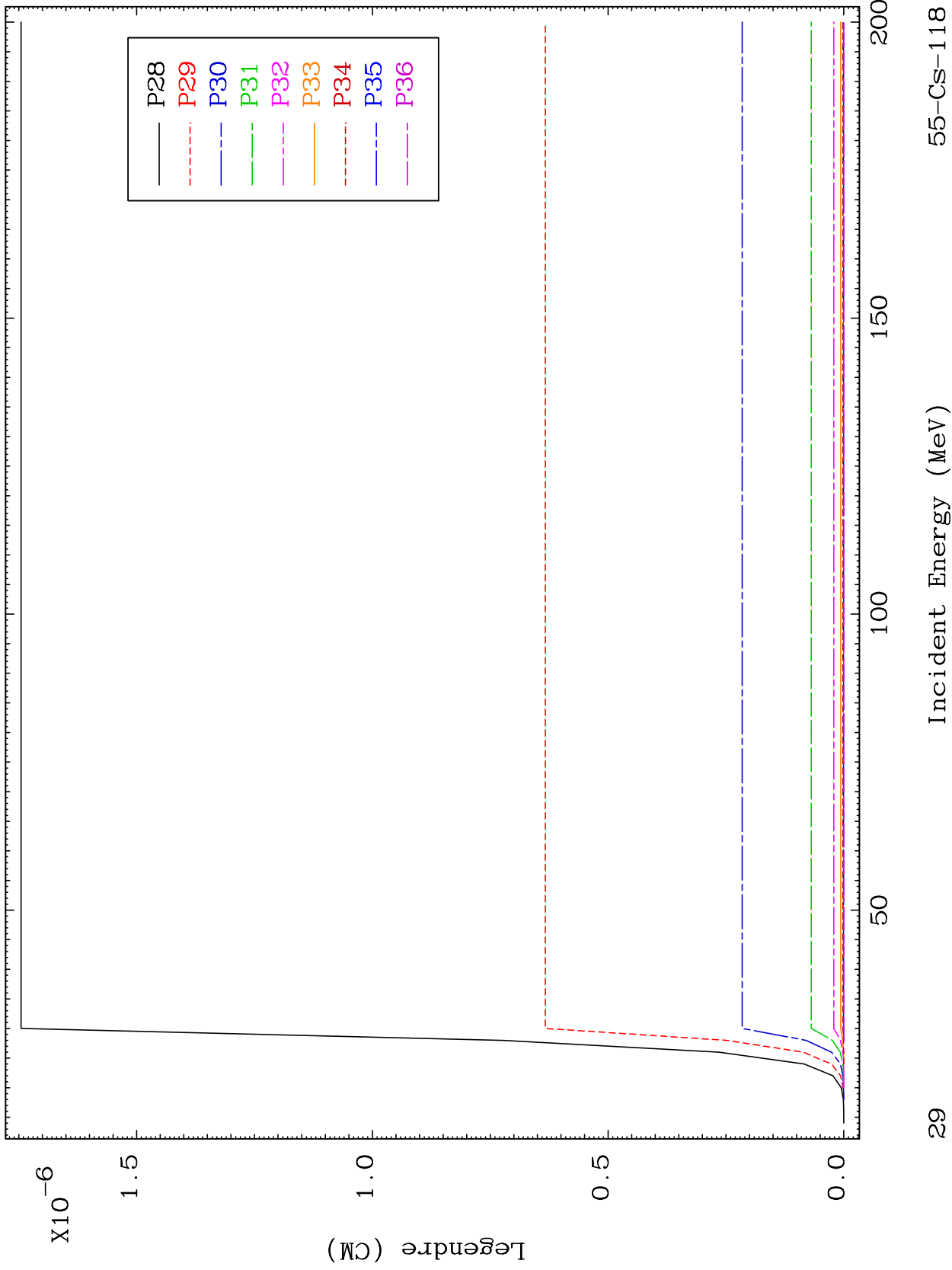
Incident Energy (MeV)

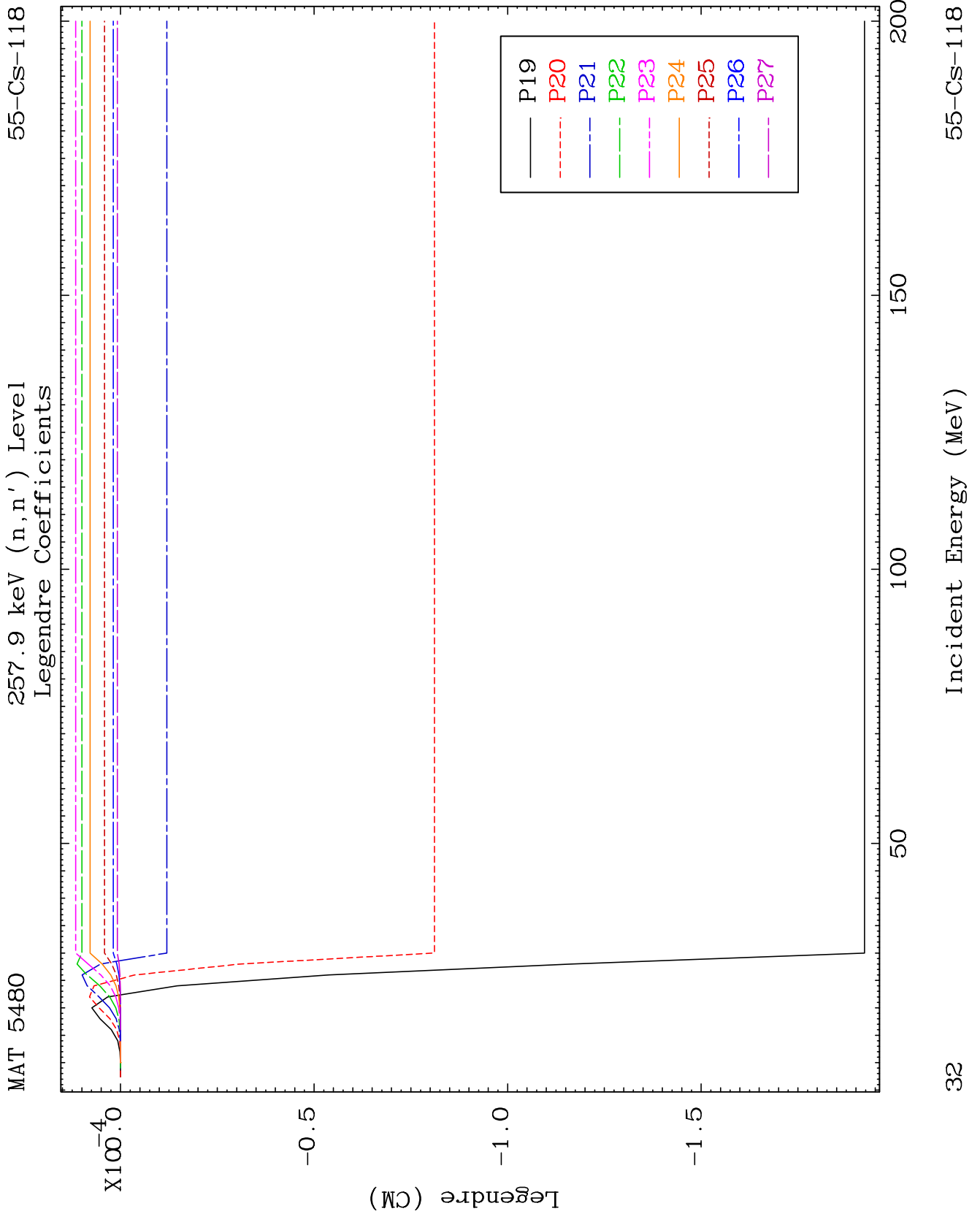
55-Cs-118

MAT 5480

256.7 keV (n,n') Level
Legendre Coefficients

55-Cs-118

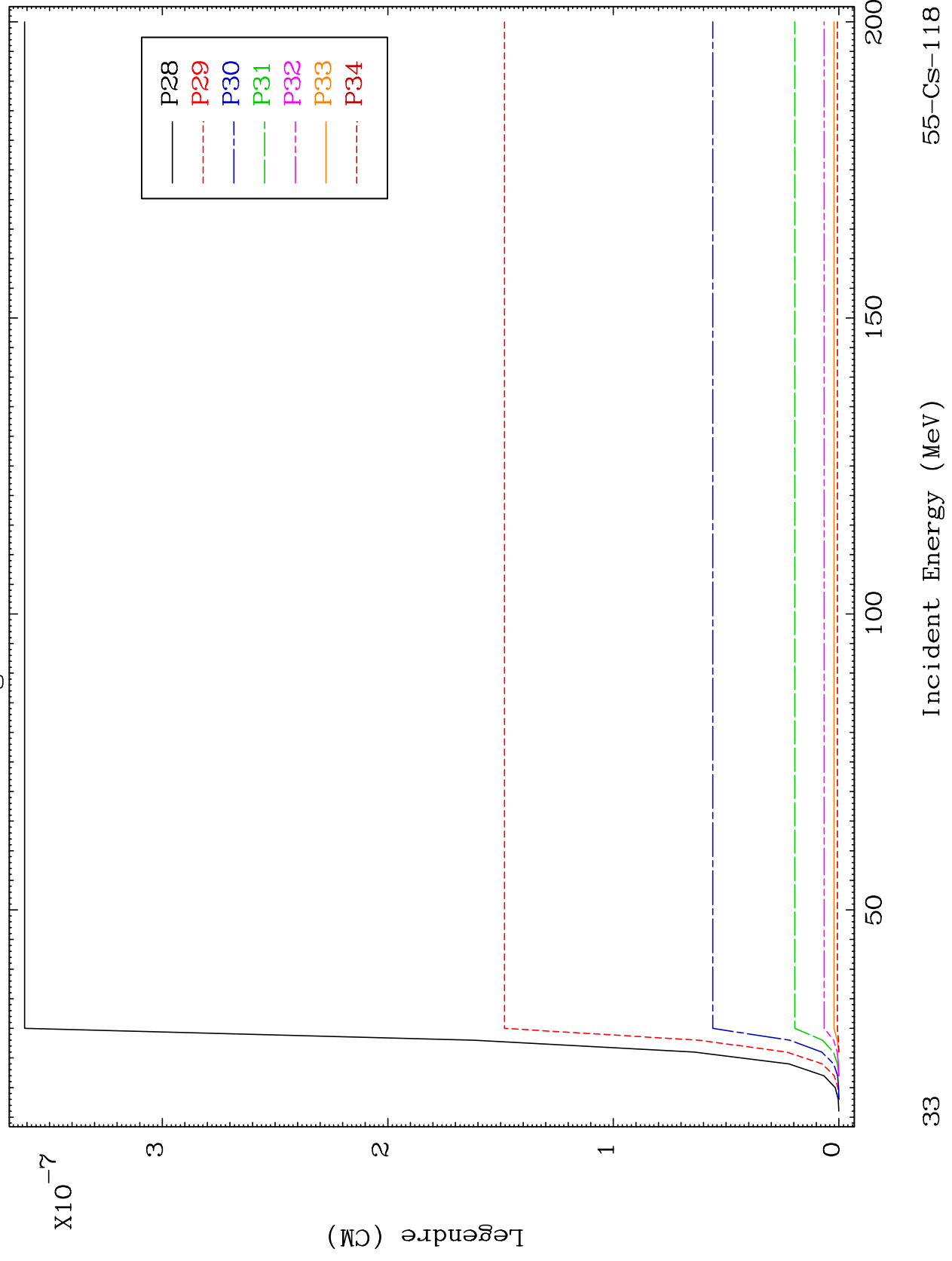




MAT 5480

257.9 keV (n,n') Level
Legendre Coefficients

55-Cs-118

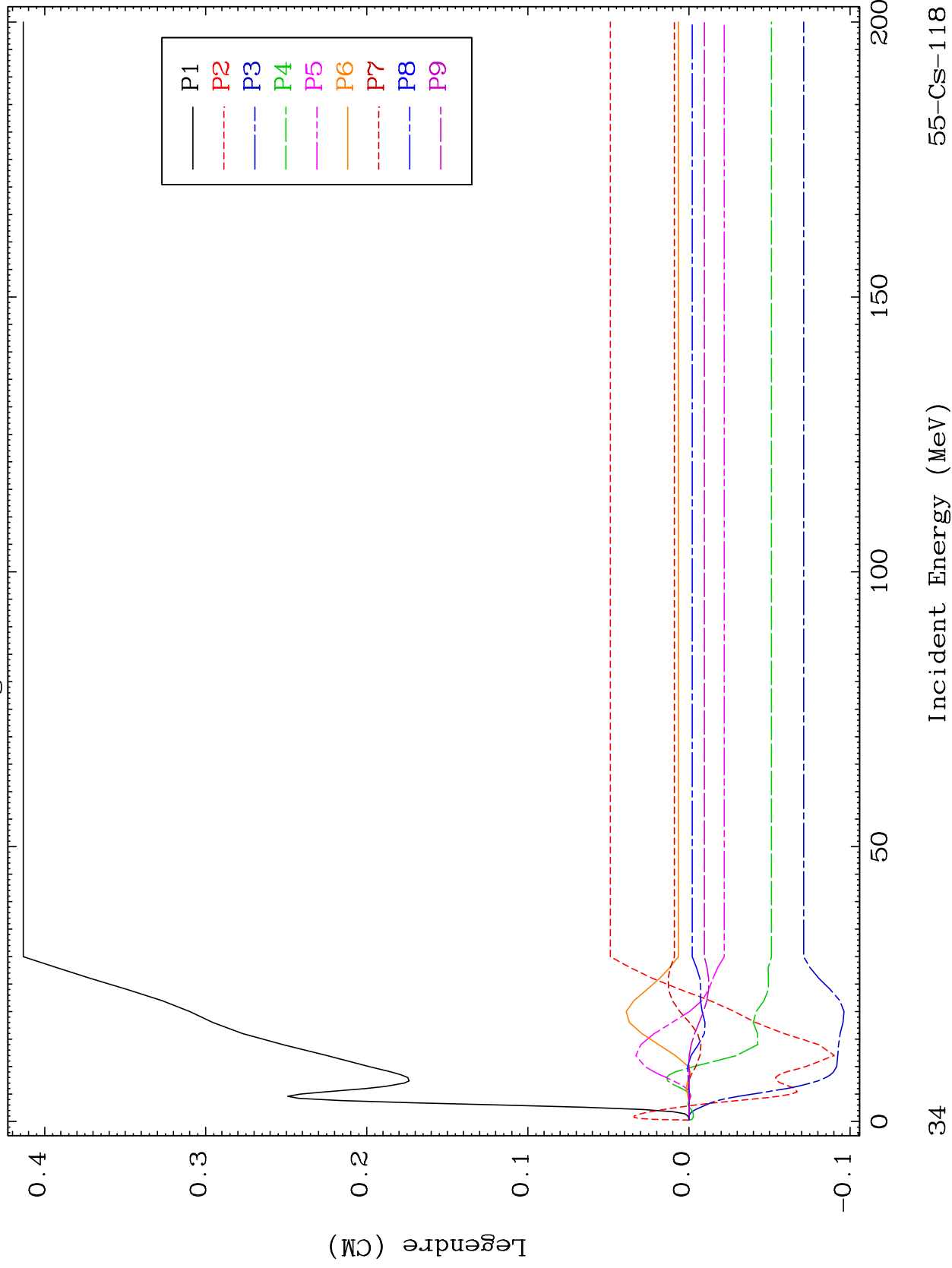


33

MAT 5480

259.1 keV (n,n') Level
Legendre Coefficients

55-Cs-118



55-Cs-118

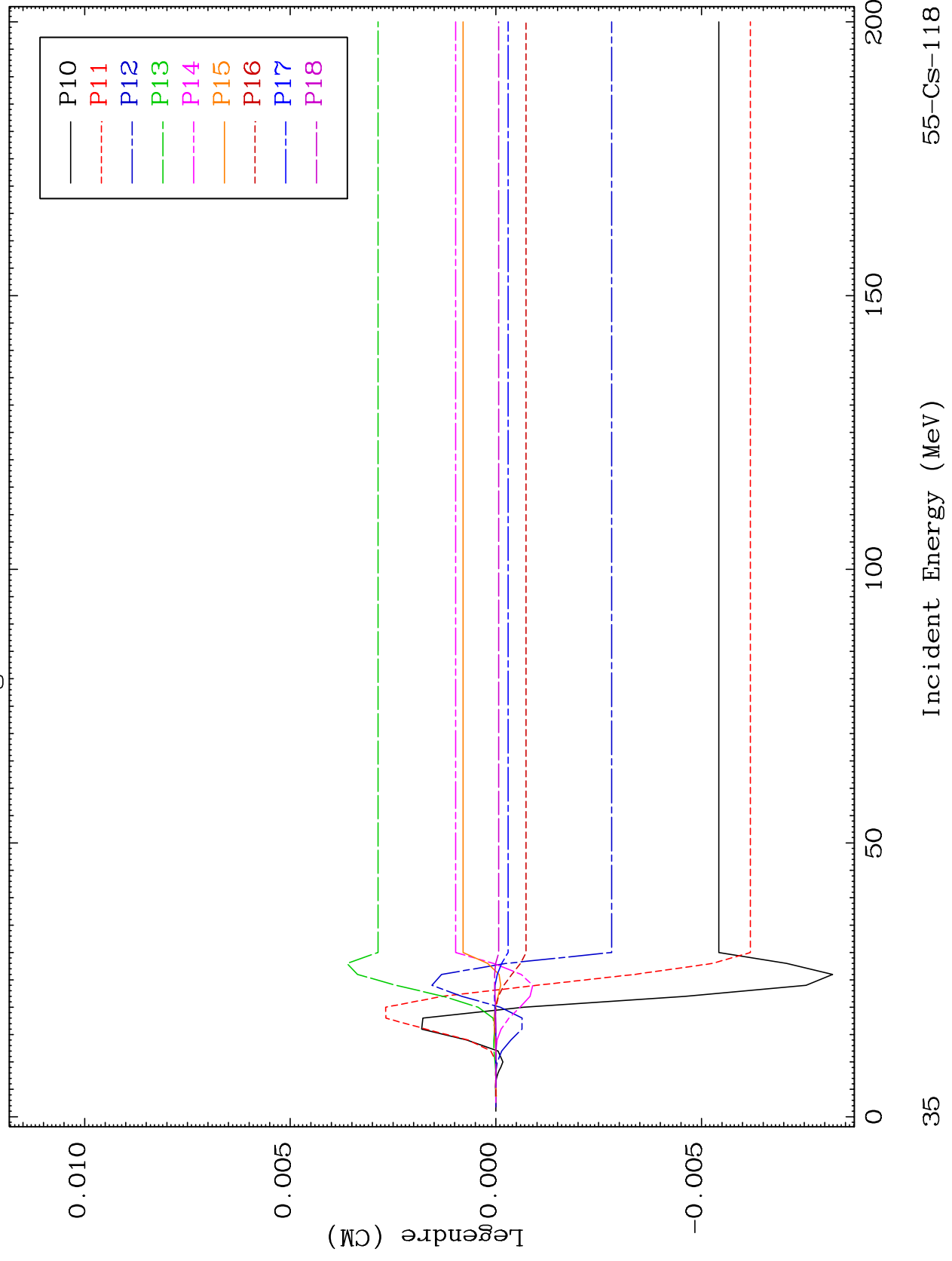
Incident Energy (MeV)

34

MAT 5480

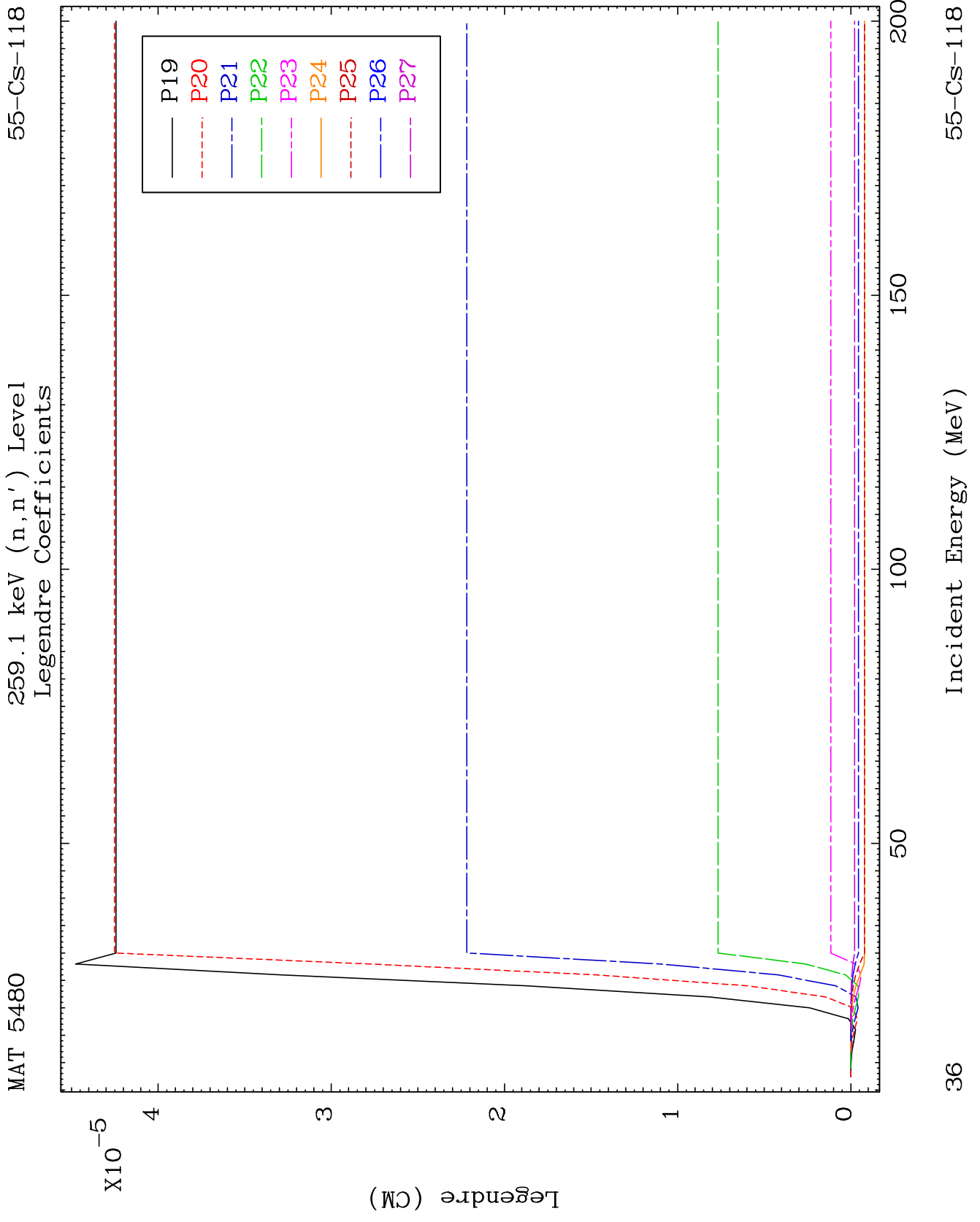
259.1 keV (n,n') Level
Legendre Coefficients

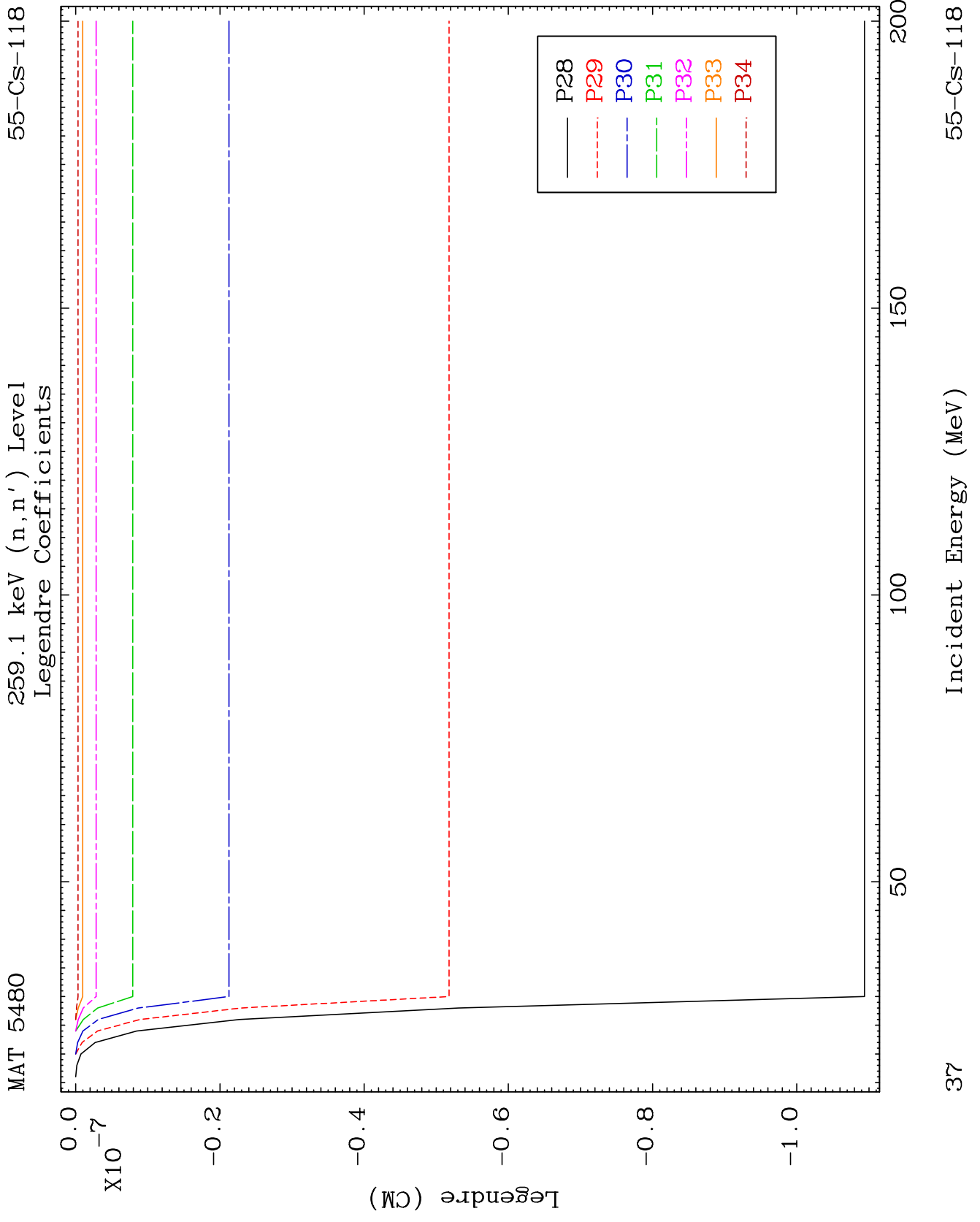
55-Cs-118

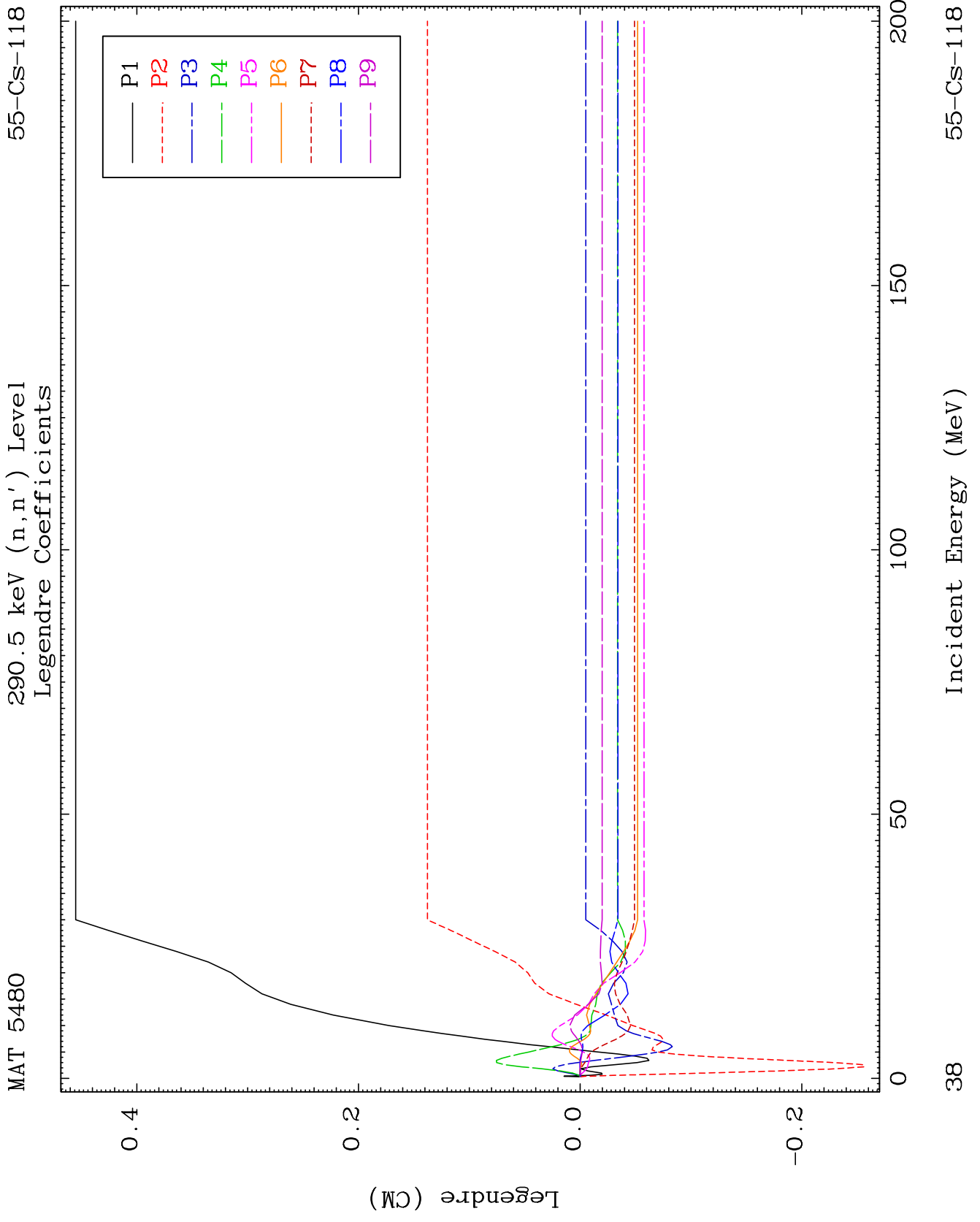


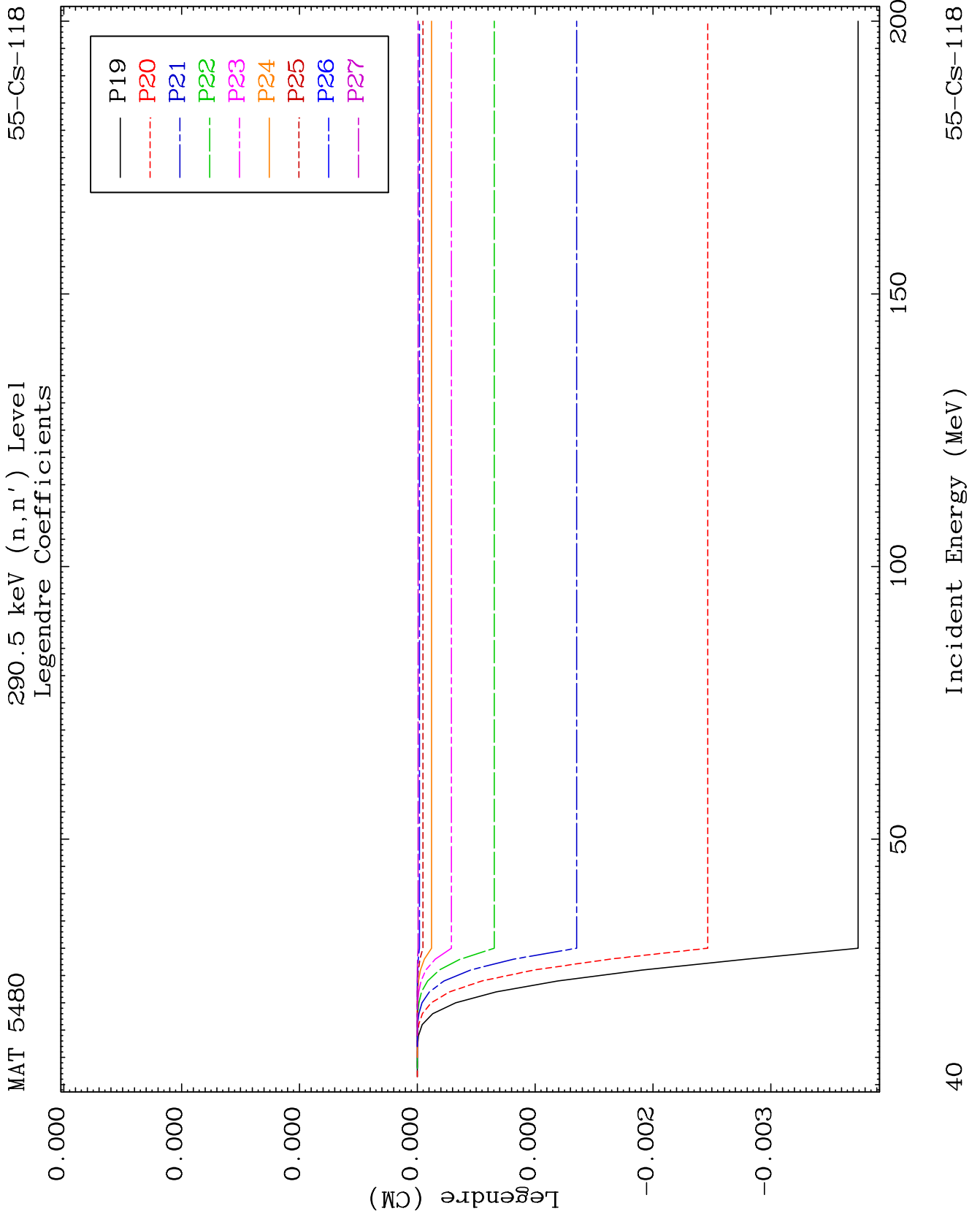
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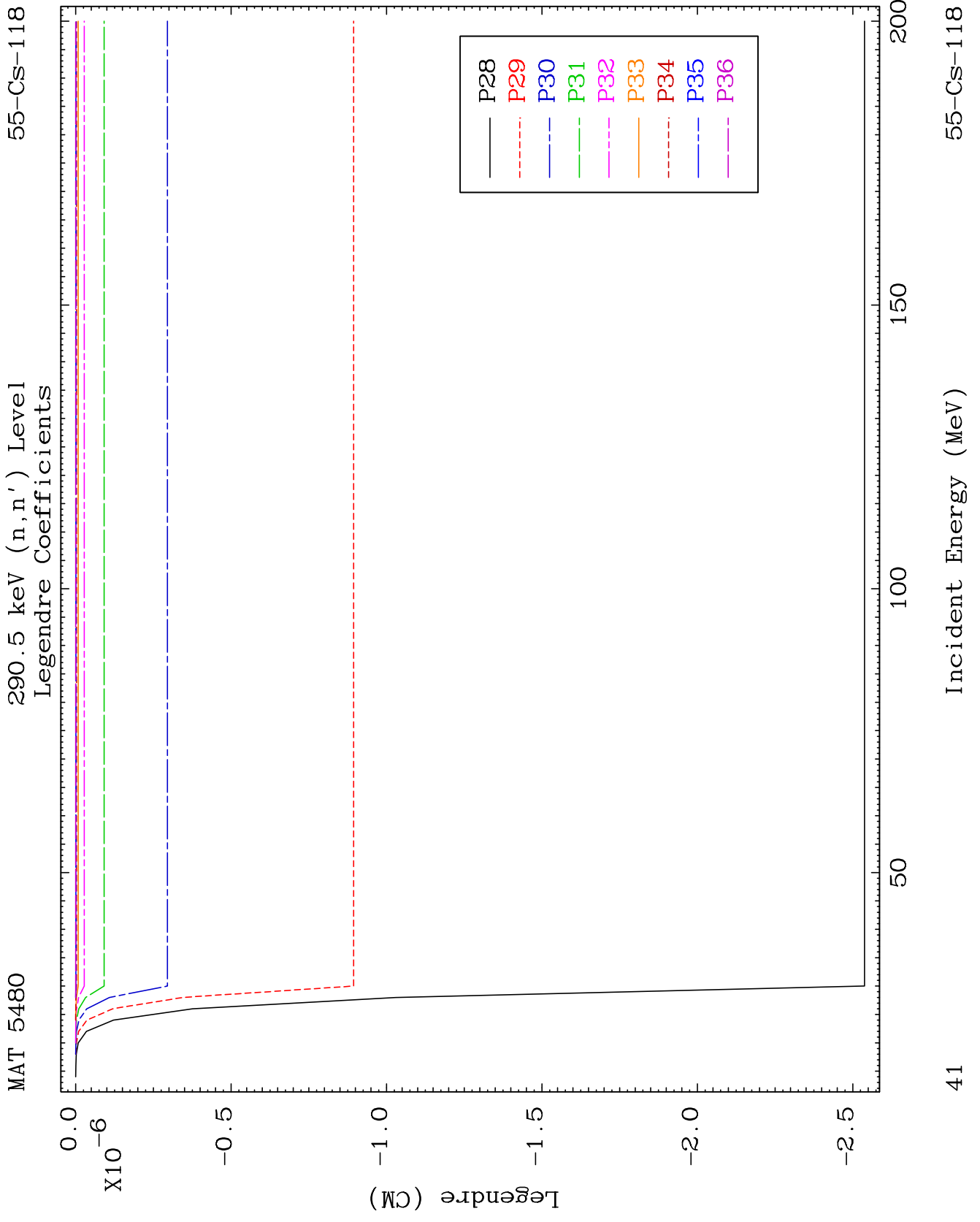
55-Cs-118

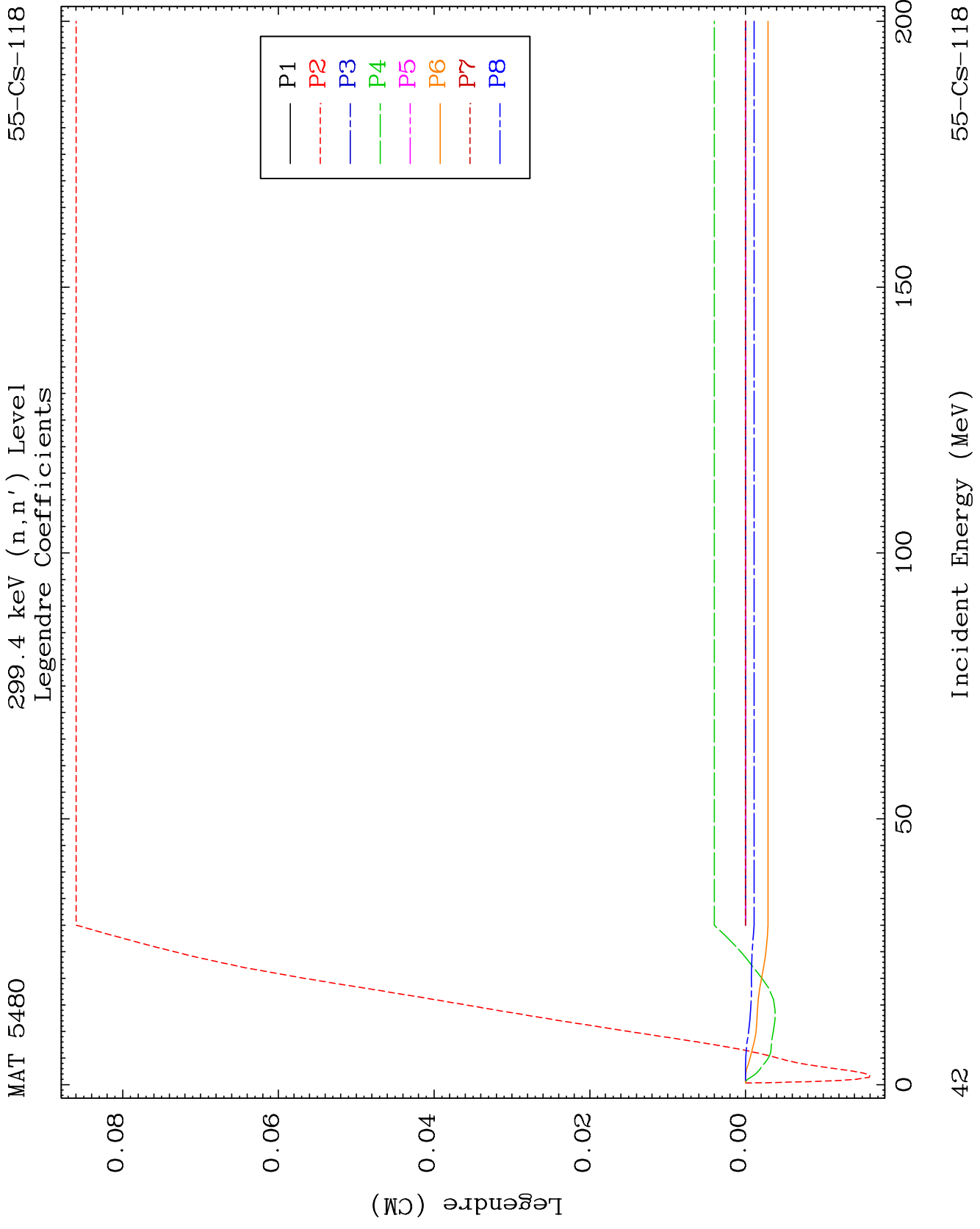


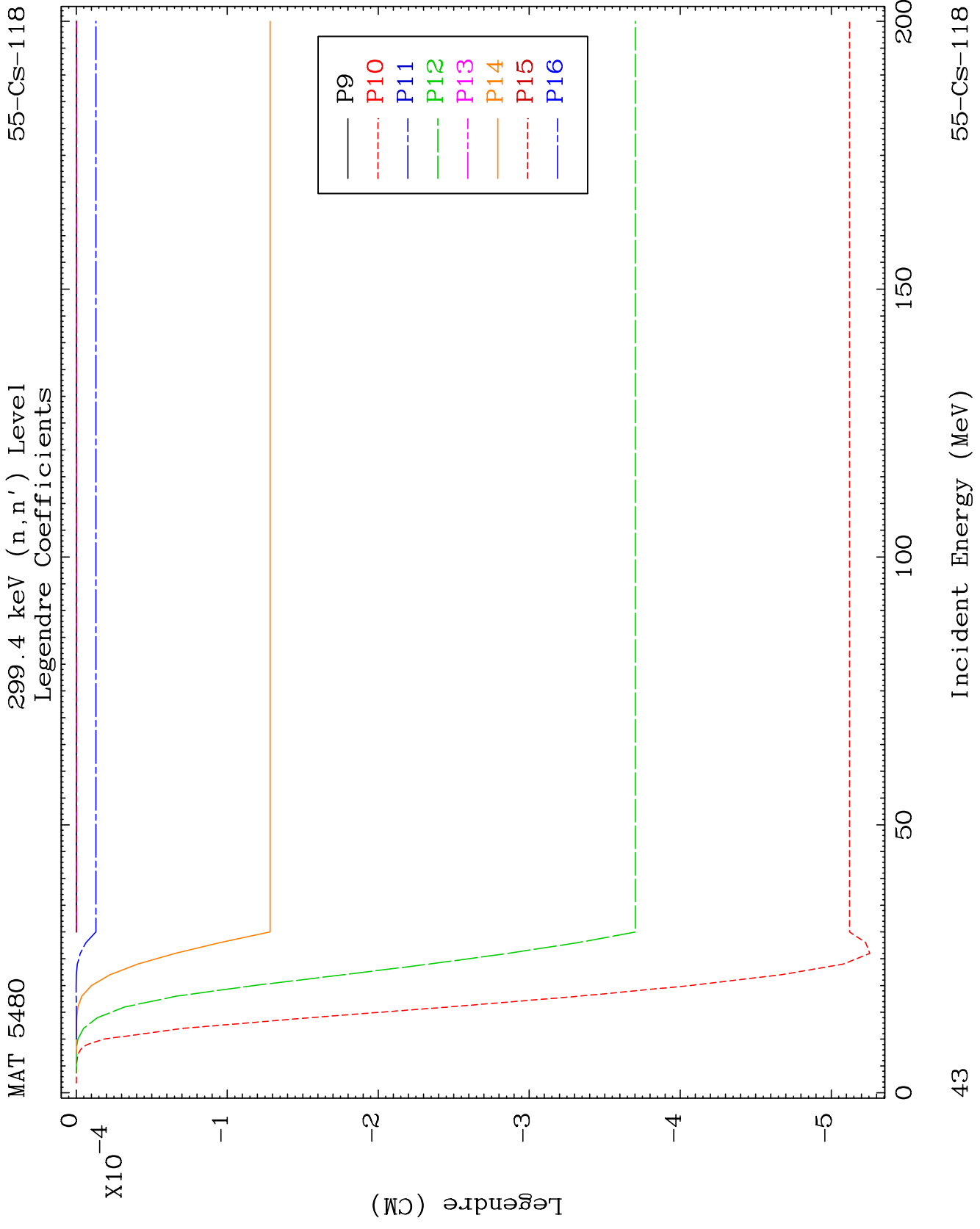


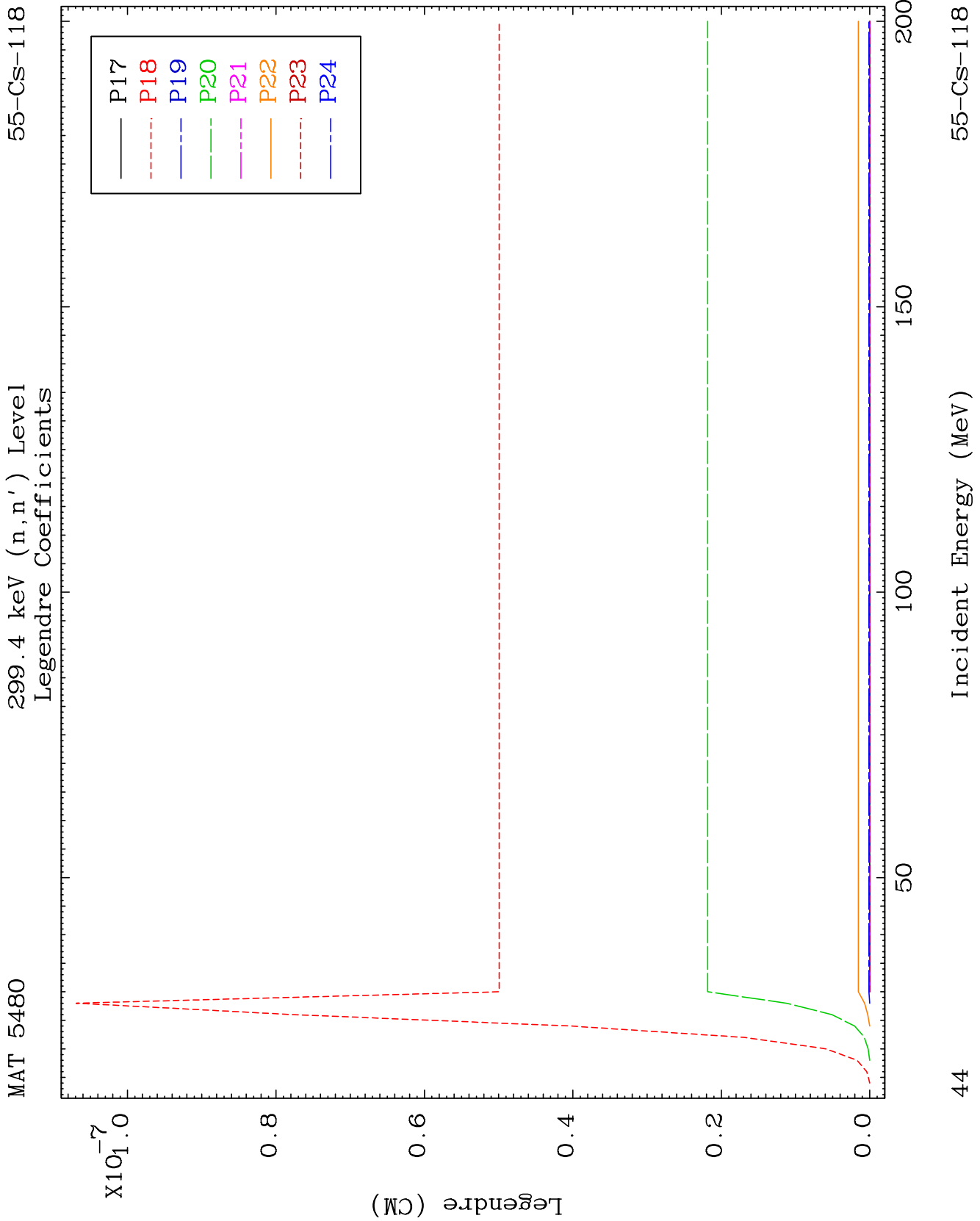








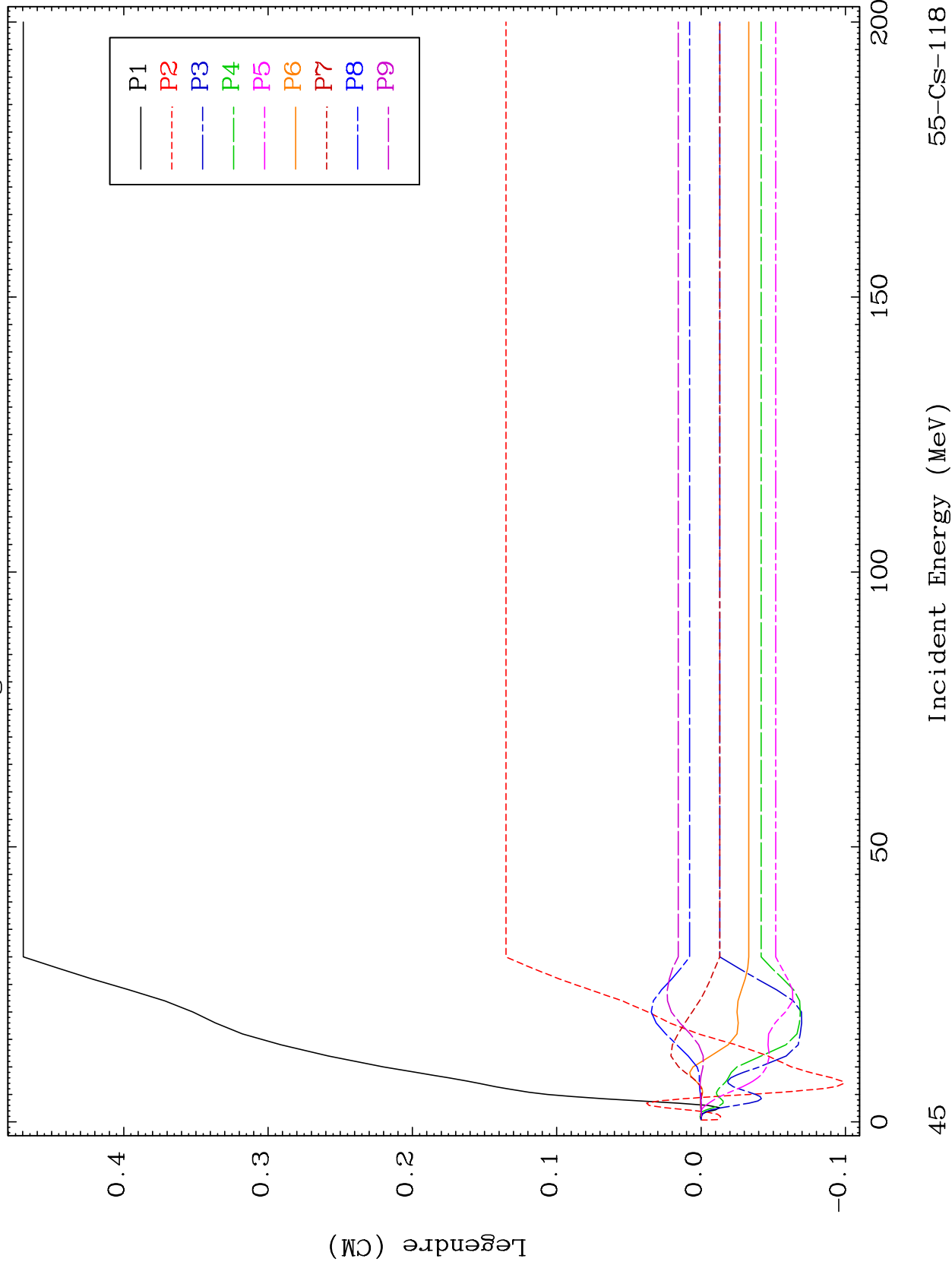




MAT 5480

324.6 keV (n,n') Level
Legendre Coefficients

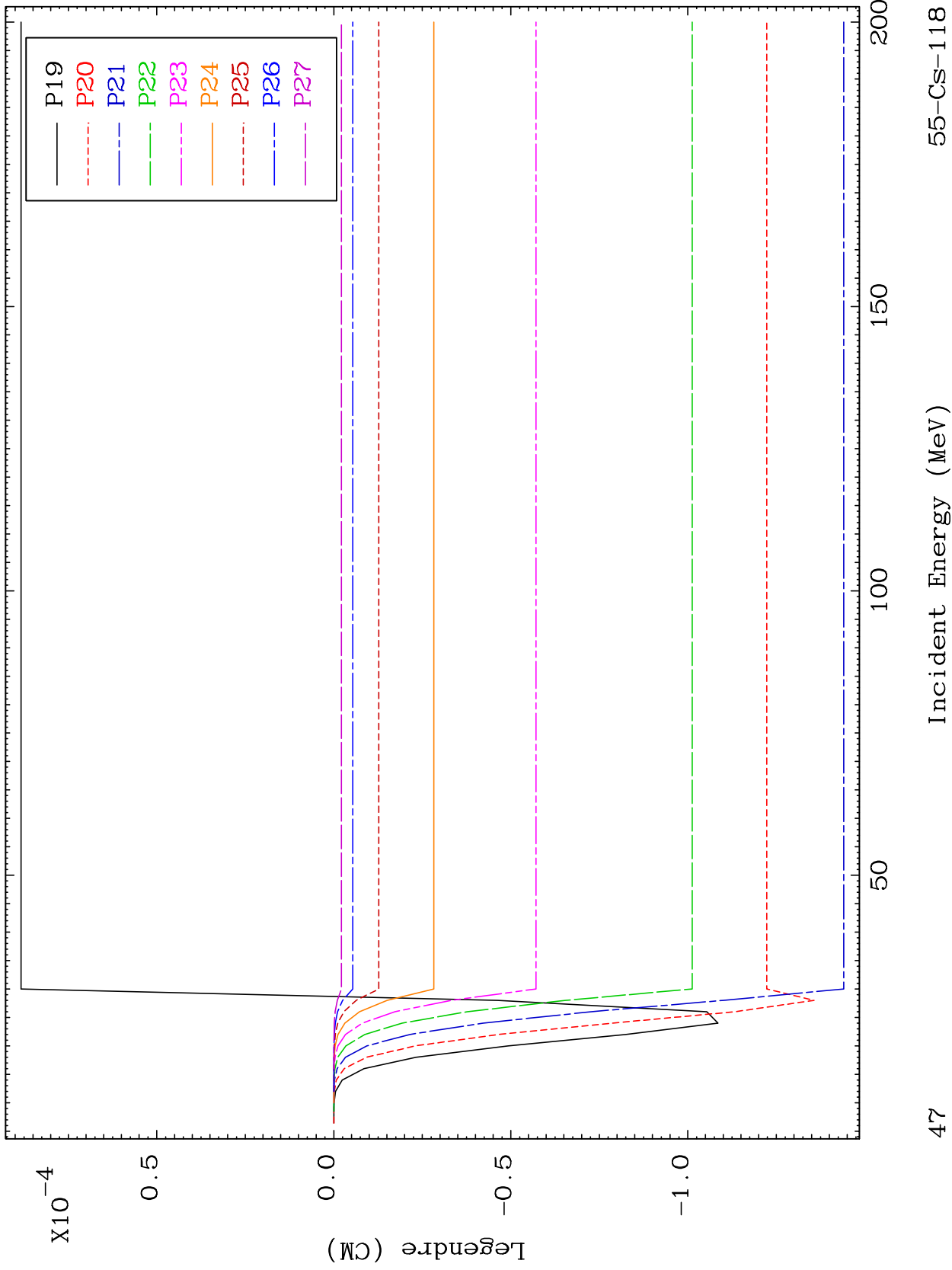
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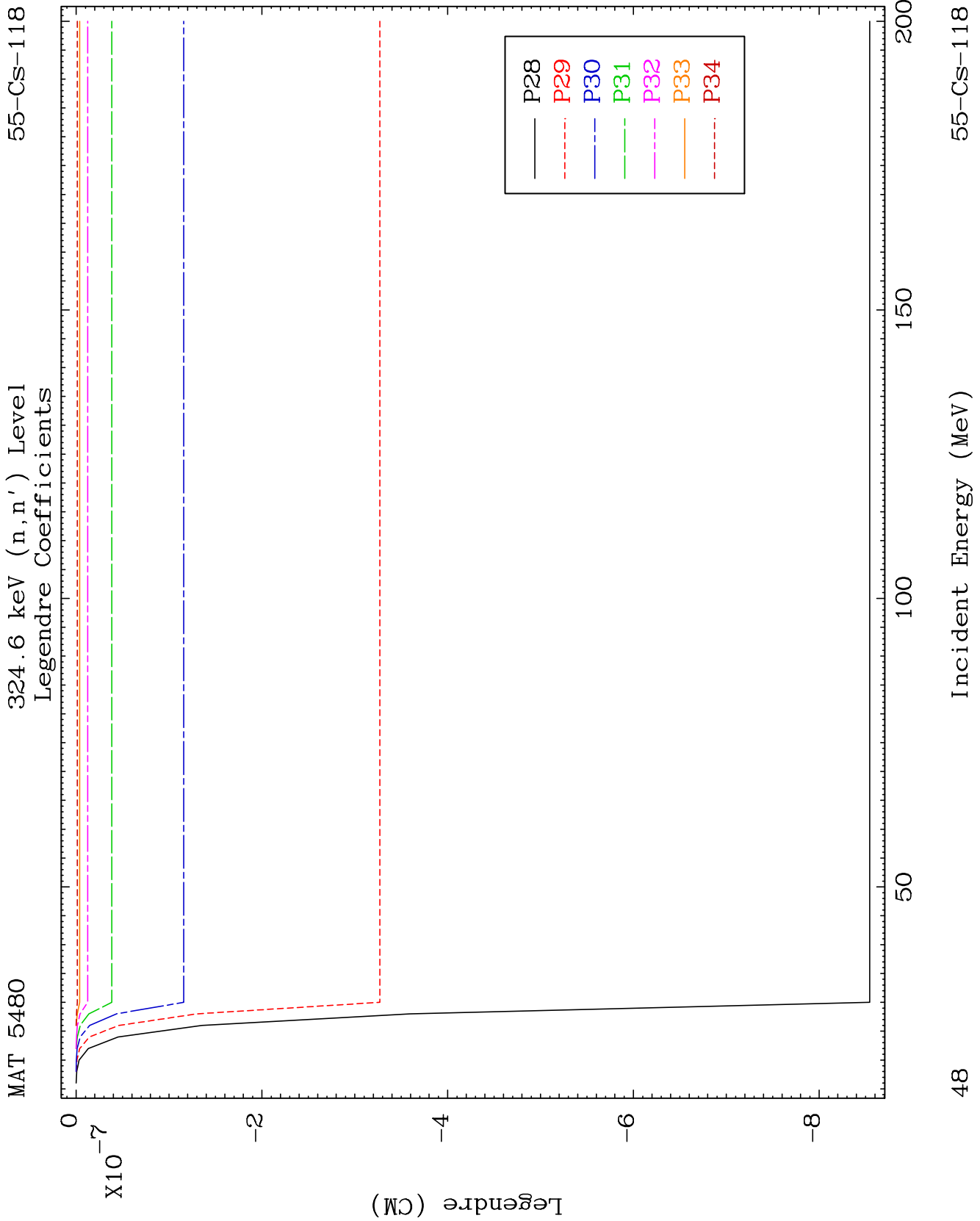


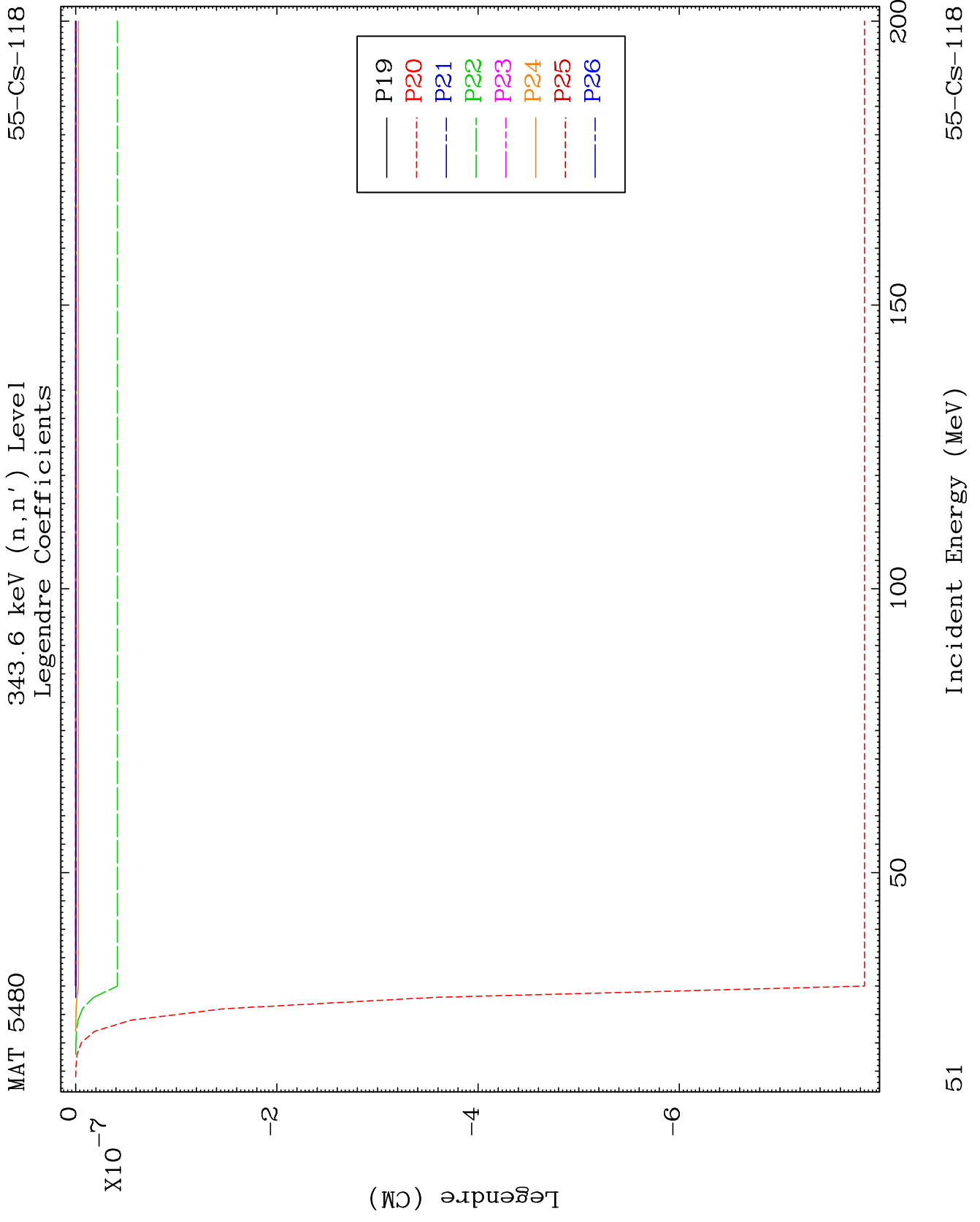
55-Cs-118

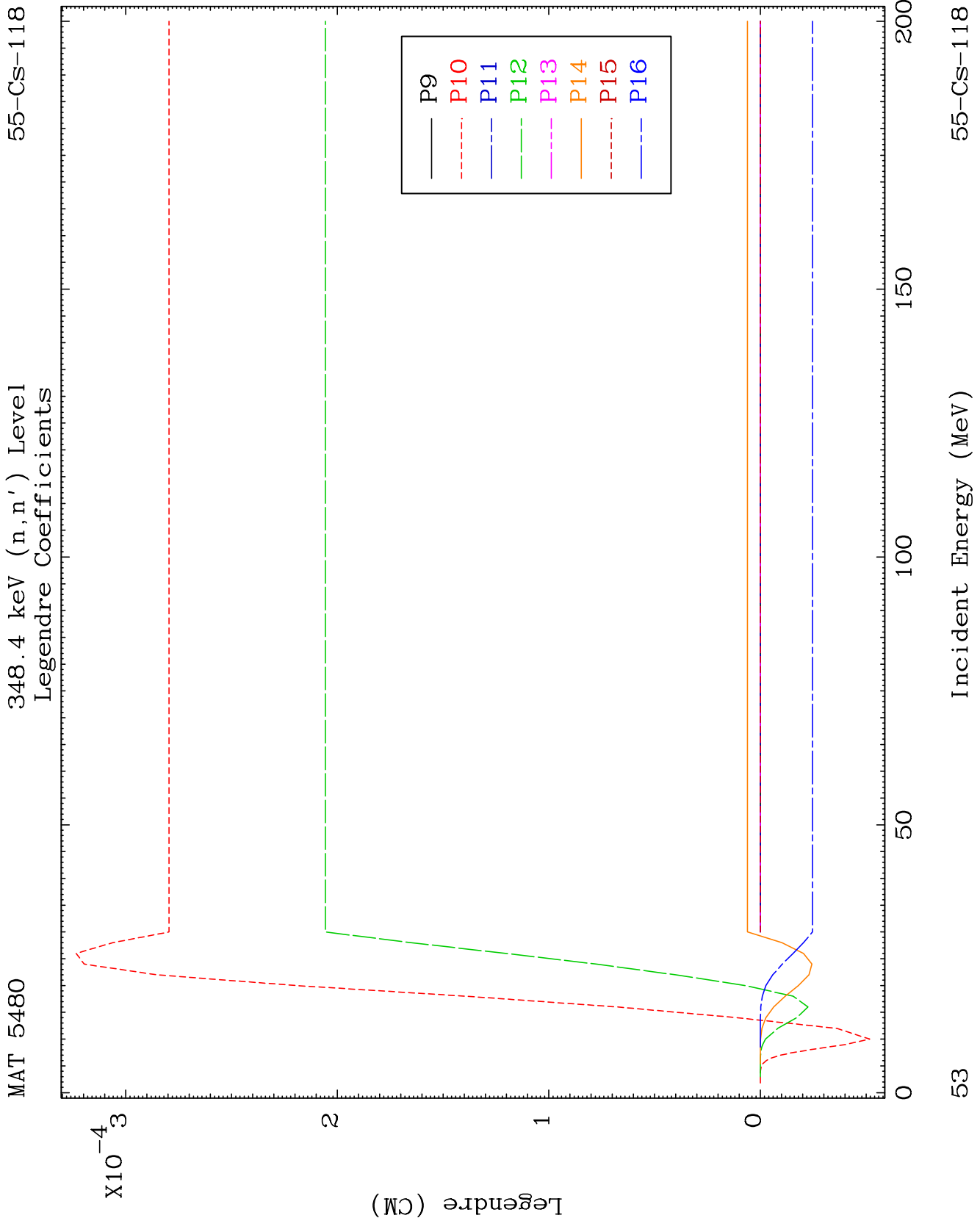
Incident Energy (MeV)

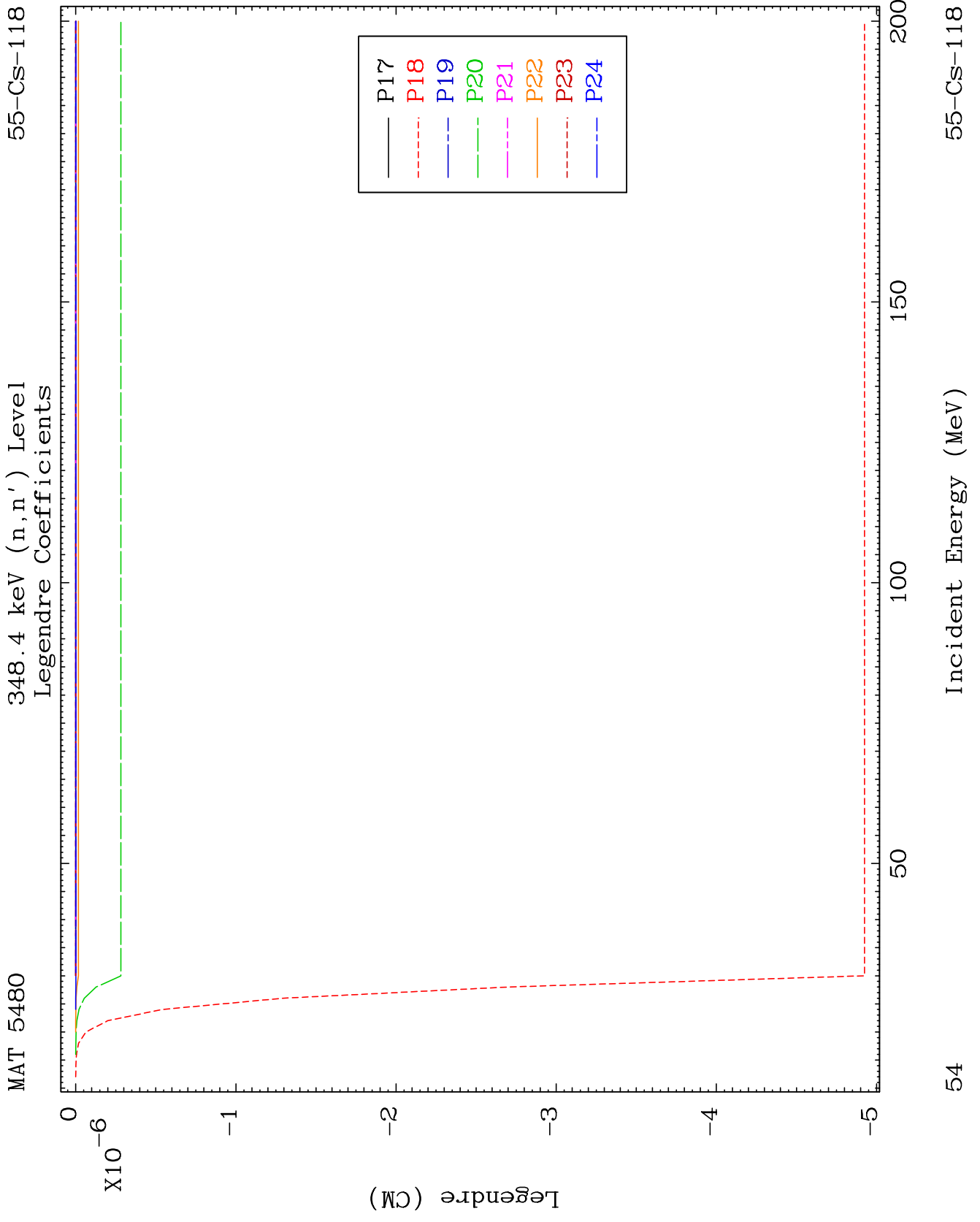
45







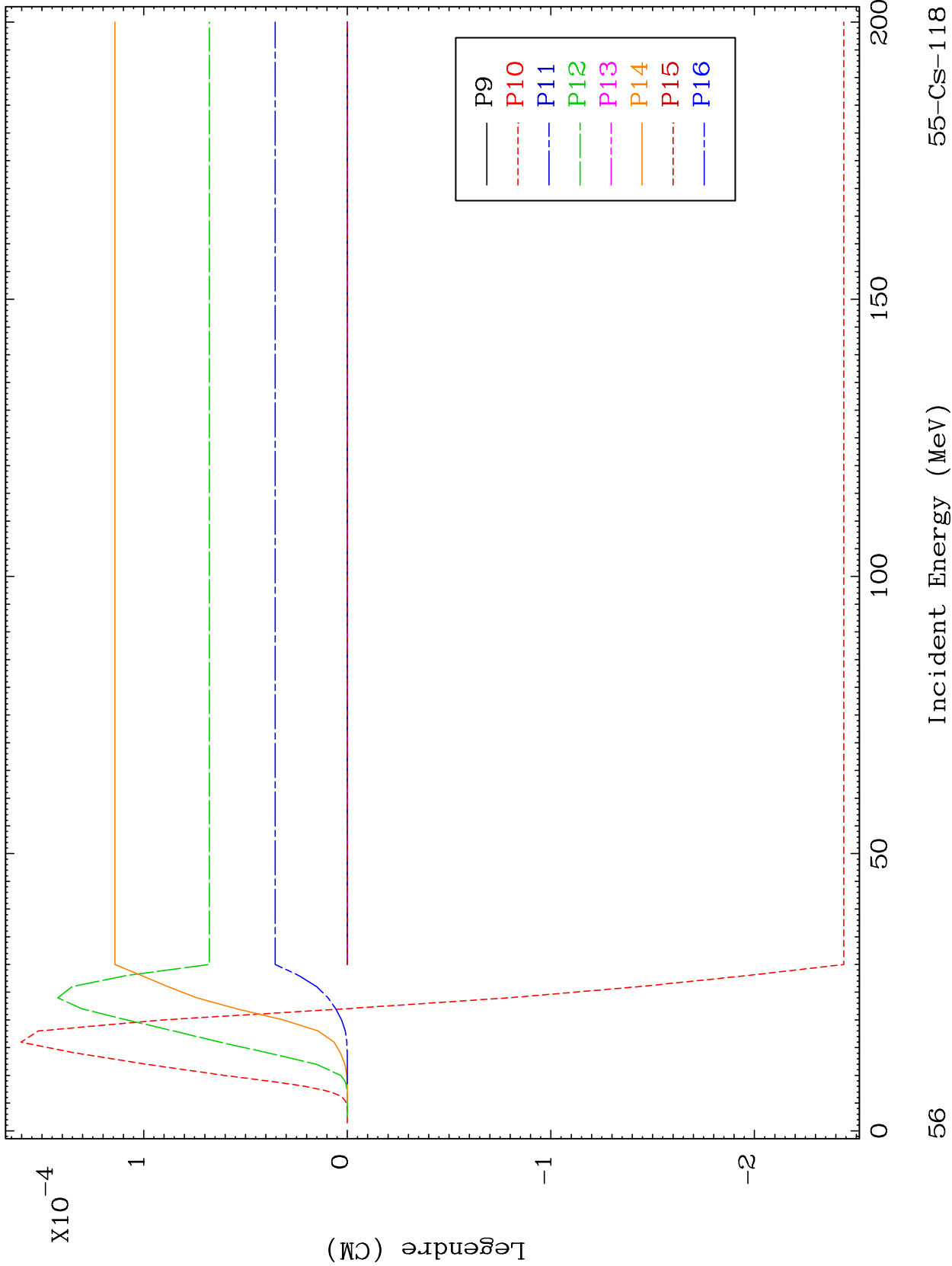




MAT 5480

368.1 keV (n,n') Level
Legendre Coefficients

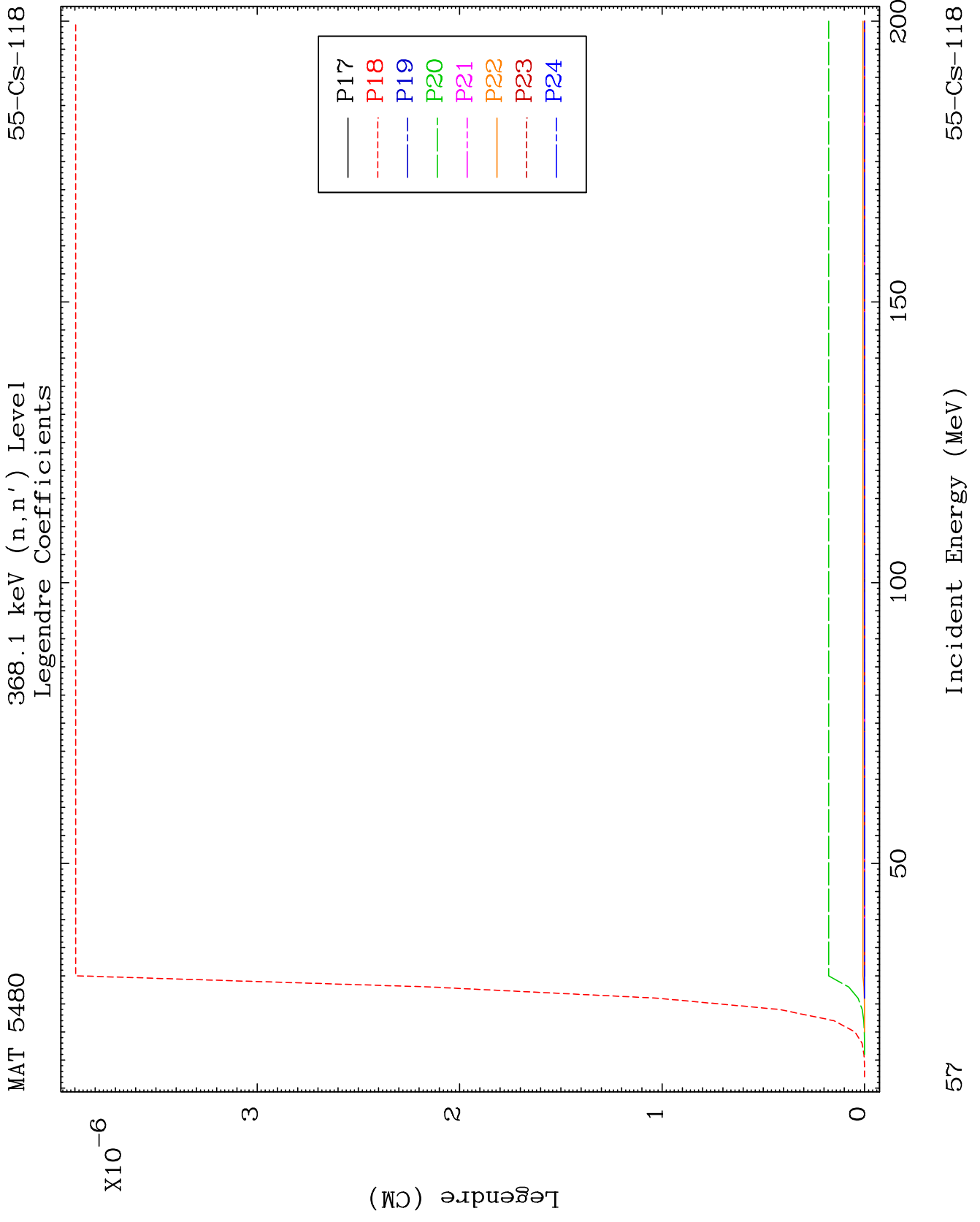
55-Cs-118



56

Incident Energy (MeV)

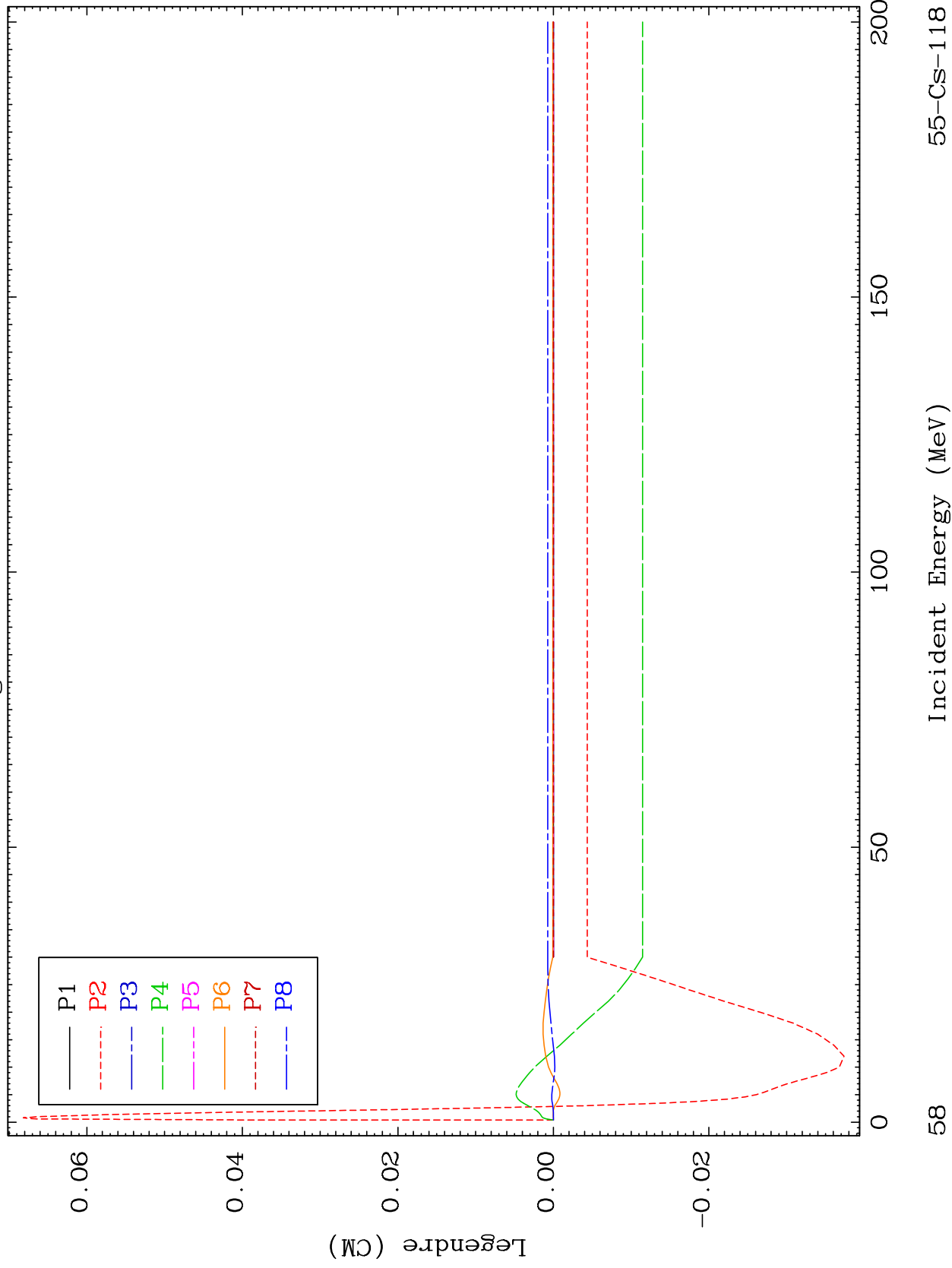
55-Cs-118



MAT 5480

380.9 keV (n,n') Level
Legendre Coefficients

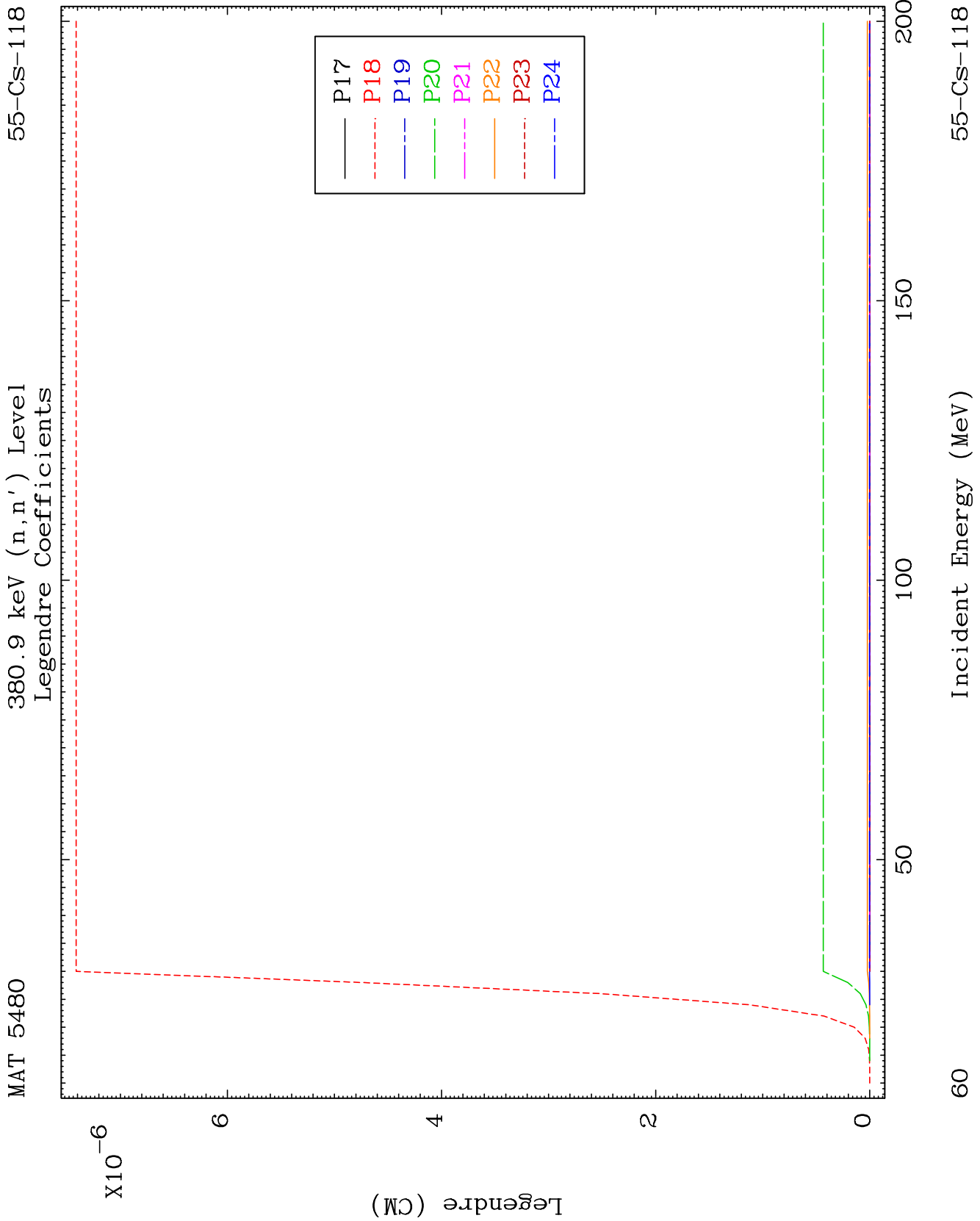
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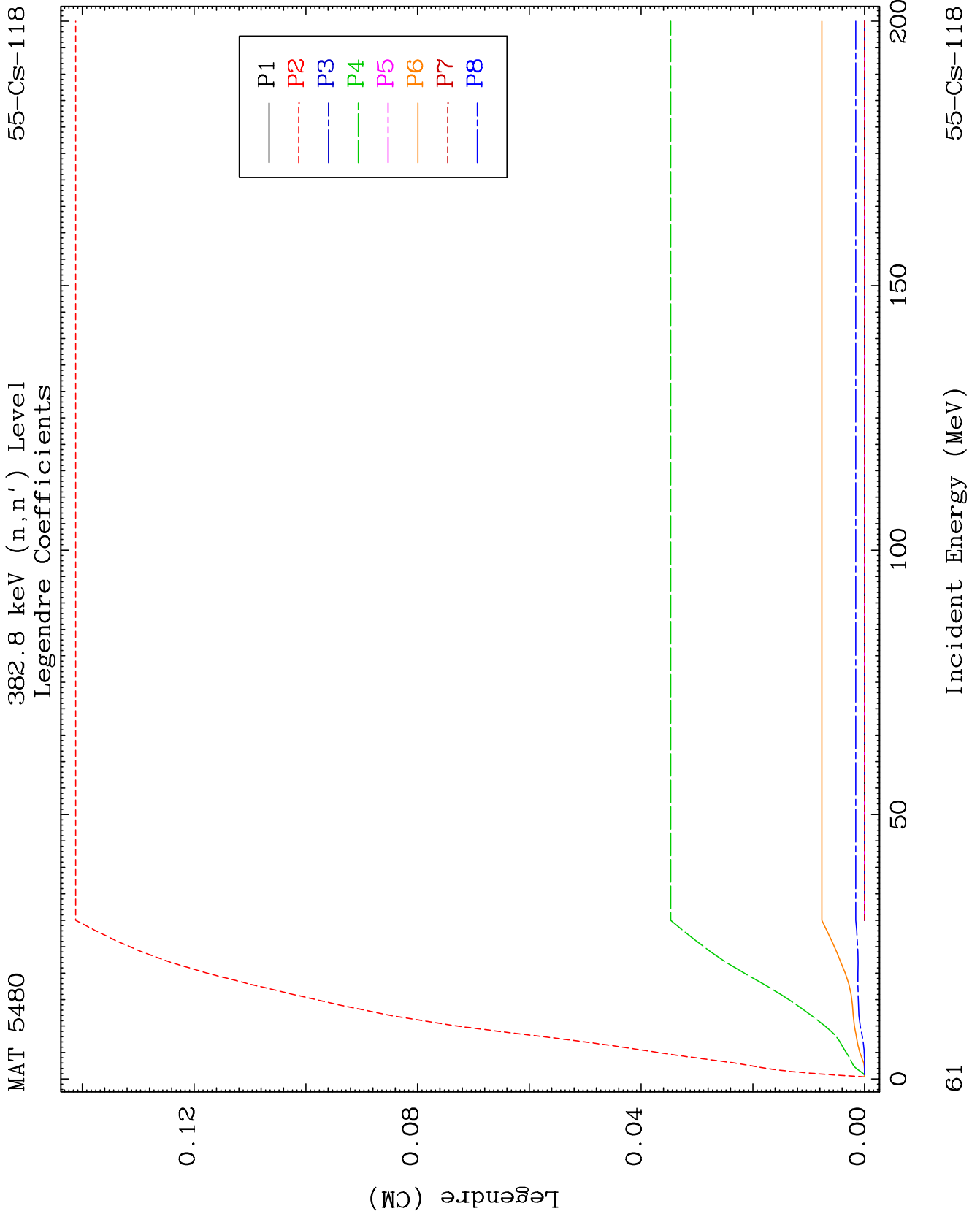


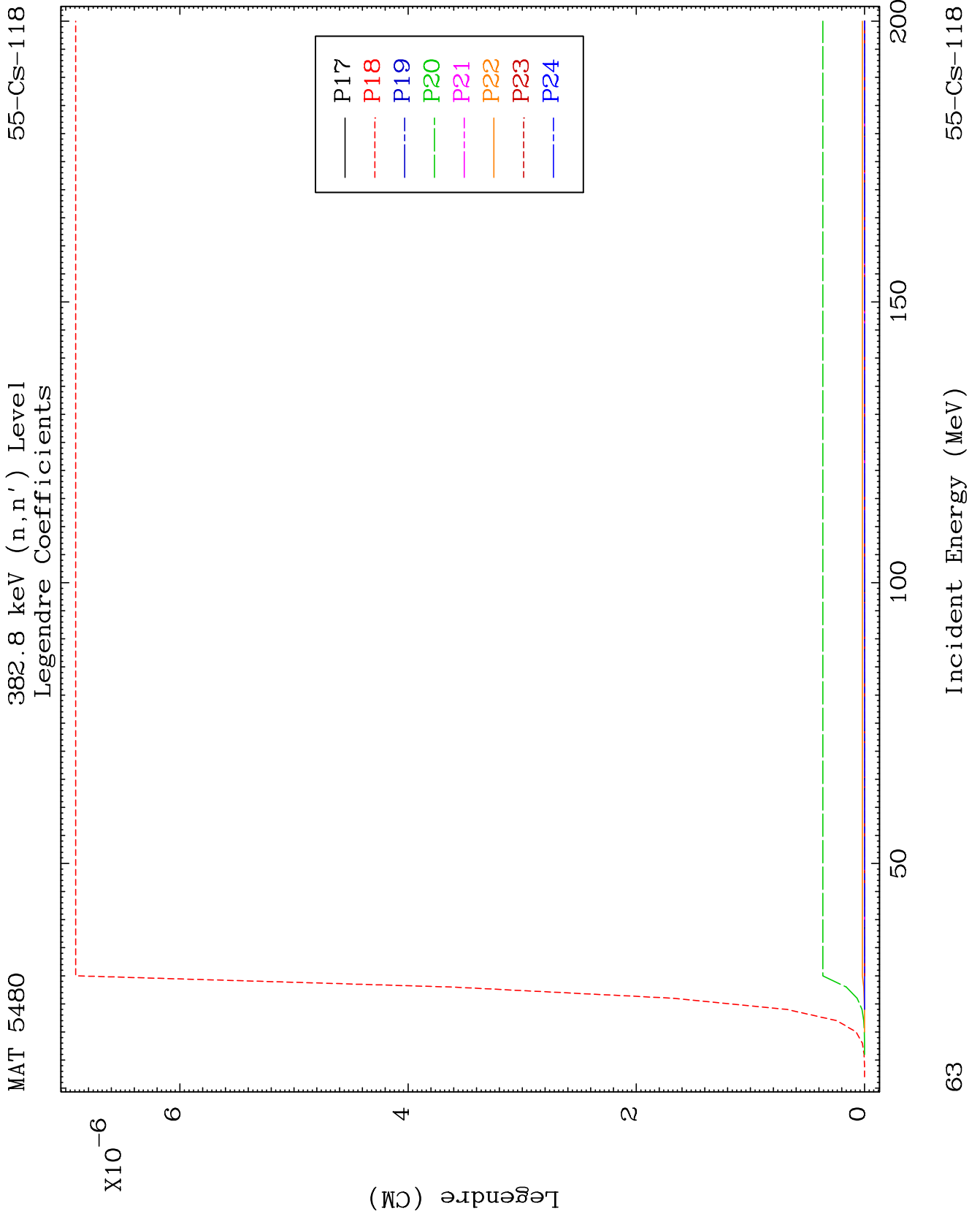
55-Cs-118

Incident Energy (MeV)

58



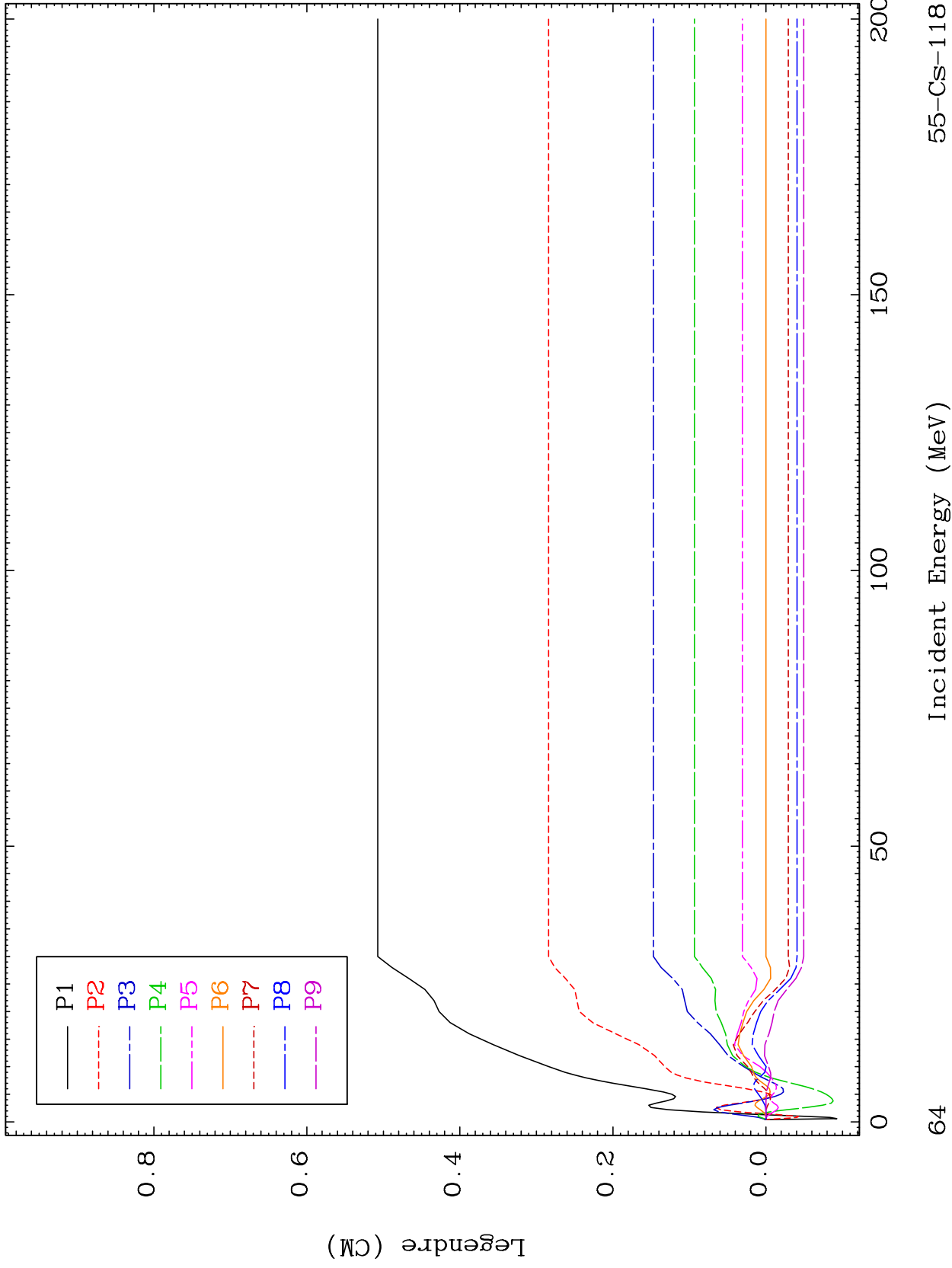




MAT 5480

384.2 keV (n,n') Level
Legendre Coefficients

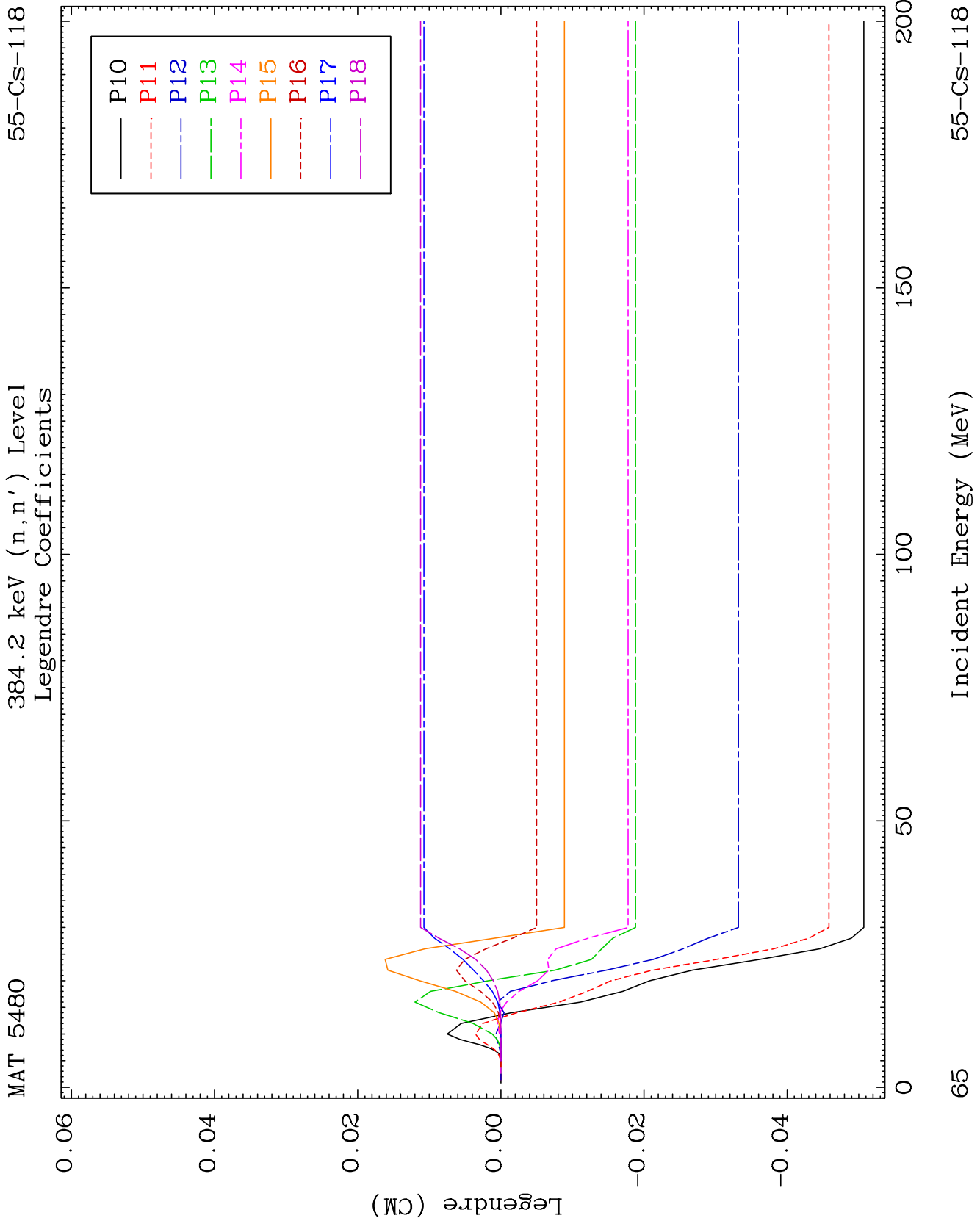
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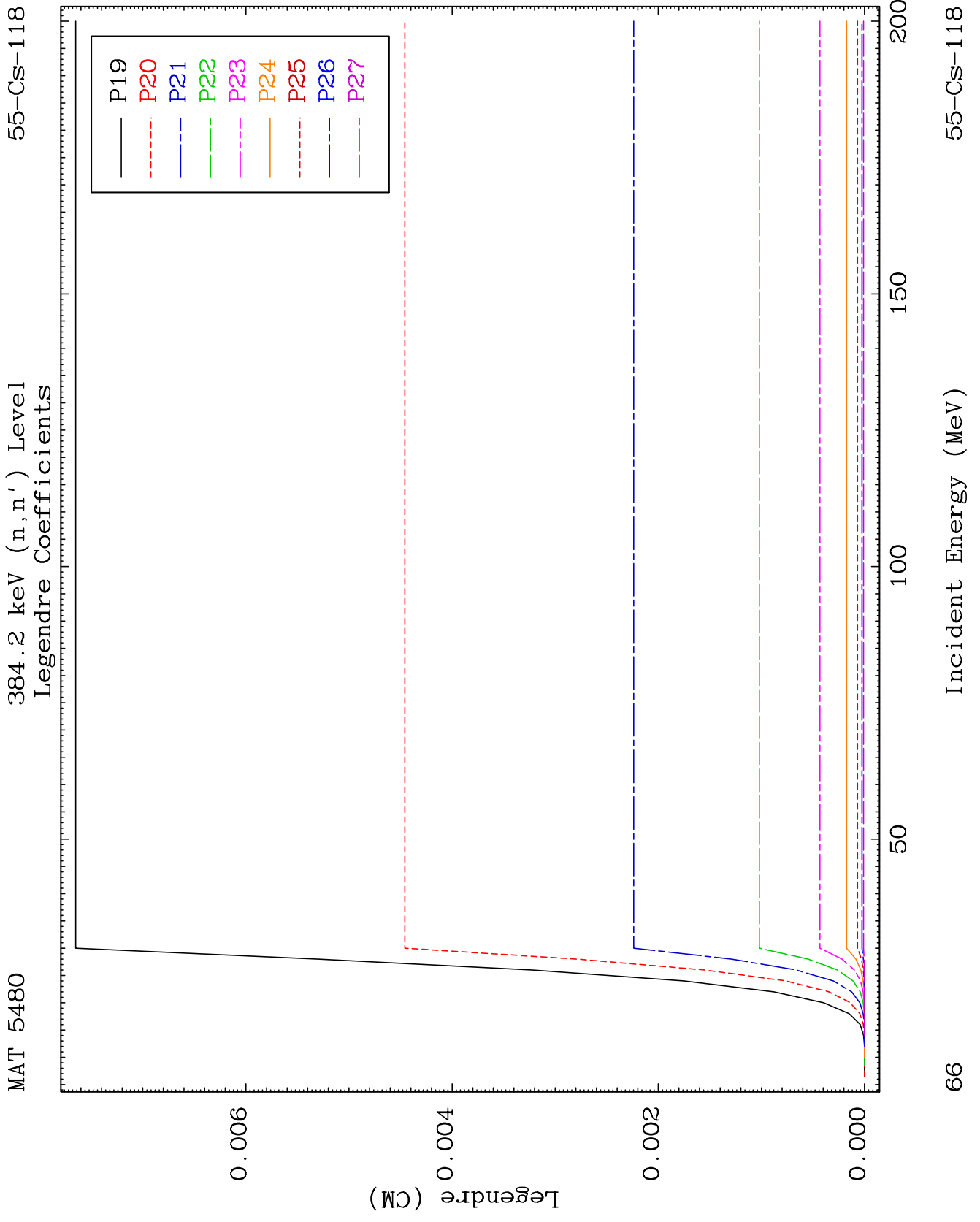


55-Cs-118

Incident Energy (MeV)

64

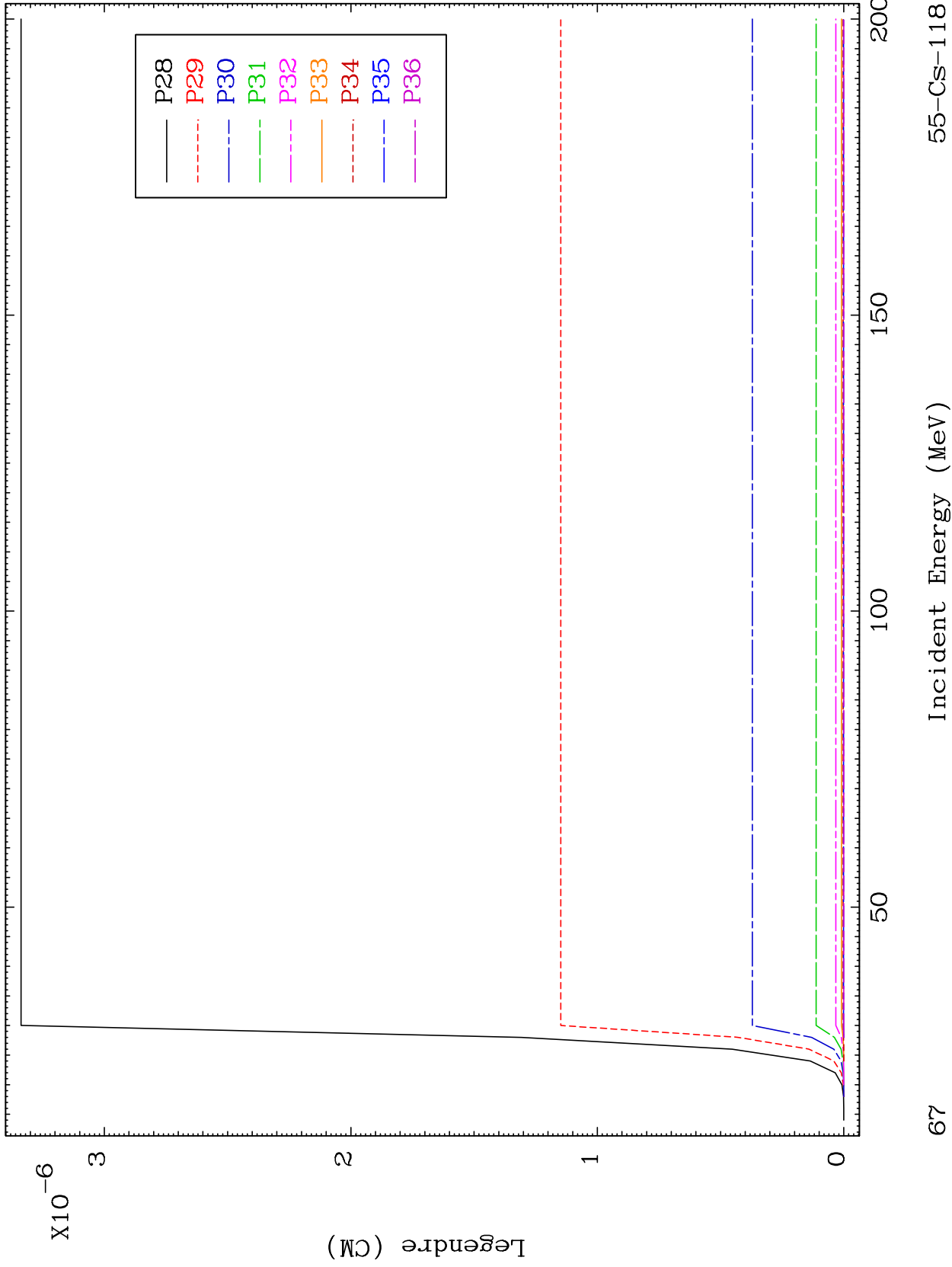




MAT 5480

384.2 keV (n,n') Level
Legendre Coefficients

55-Cs-118



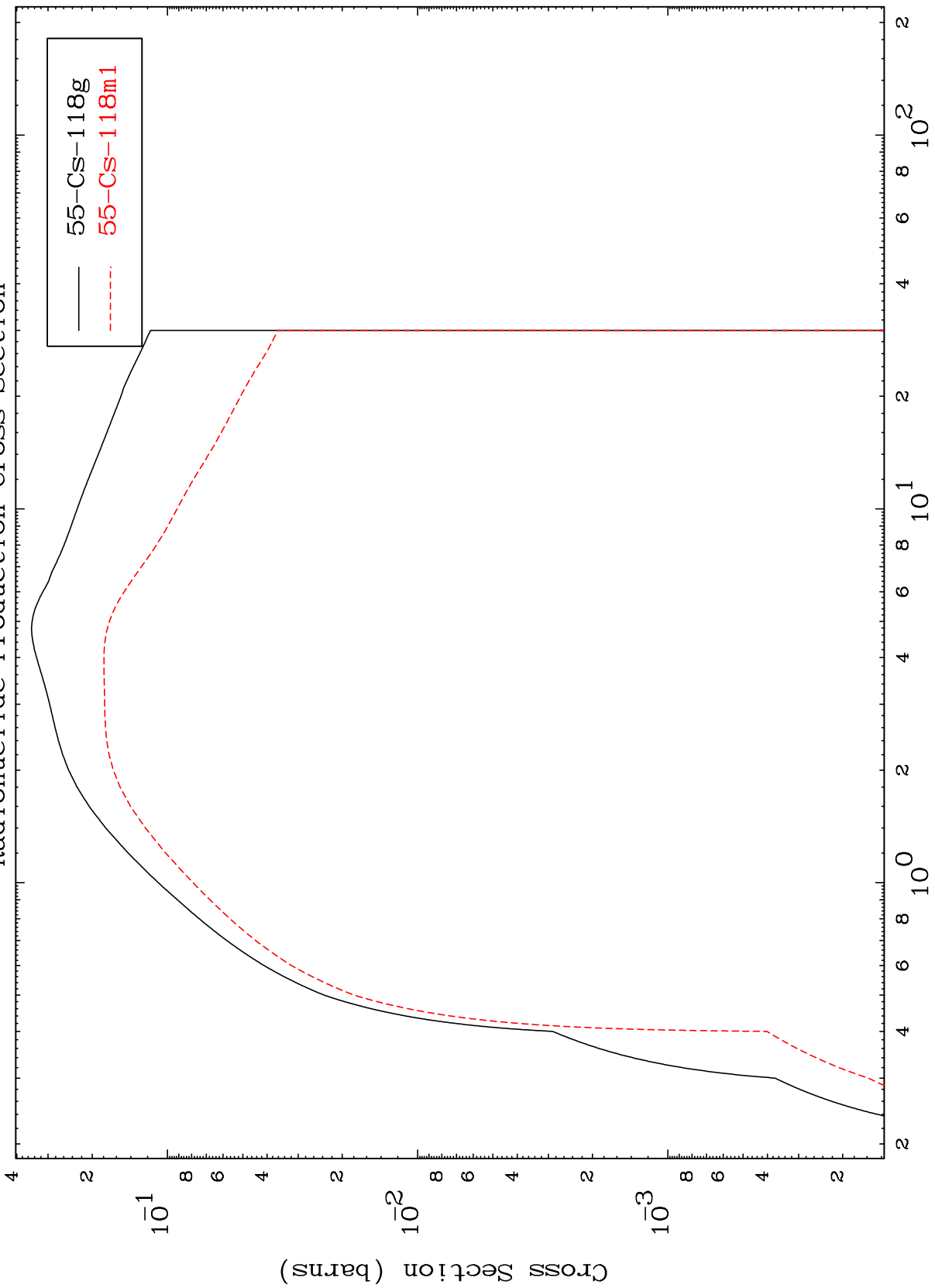
67

55-Cs-118

MAT 5480

55-Cs-118

Inelastic
Radionuclide Production Cross Section



55-Cs-118g
55-Cs-118m1

68

Incident Energy (MeV)

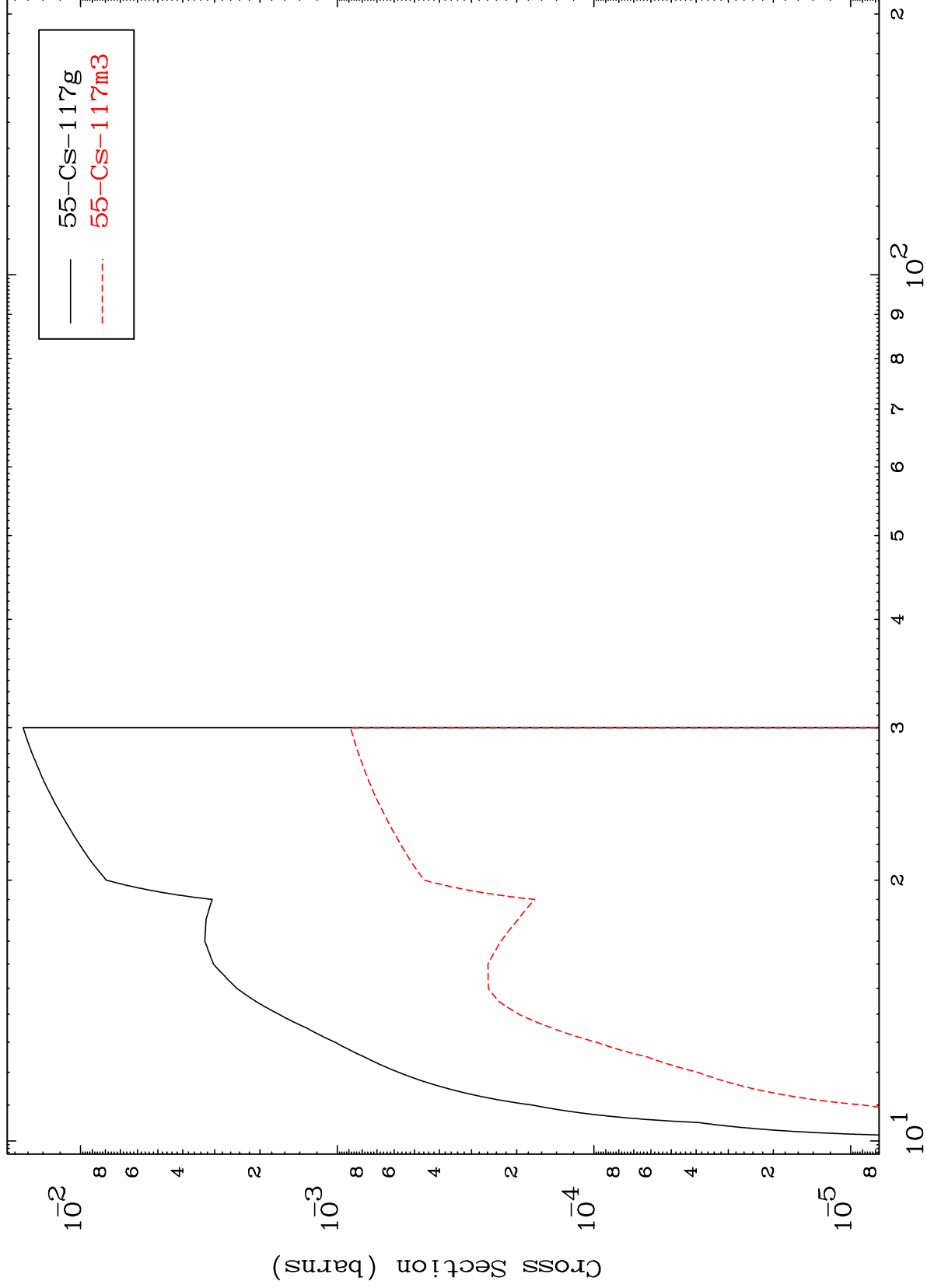
55-Cs-118

MAT 5480

(n,2n)

55-Cs-118

Radionuclide Production Cross Section



Incident Energy (MeV)

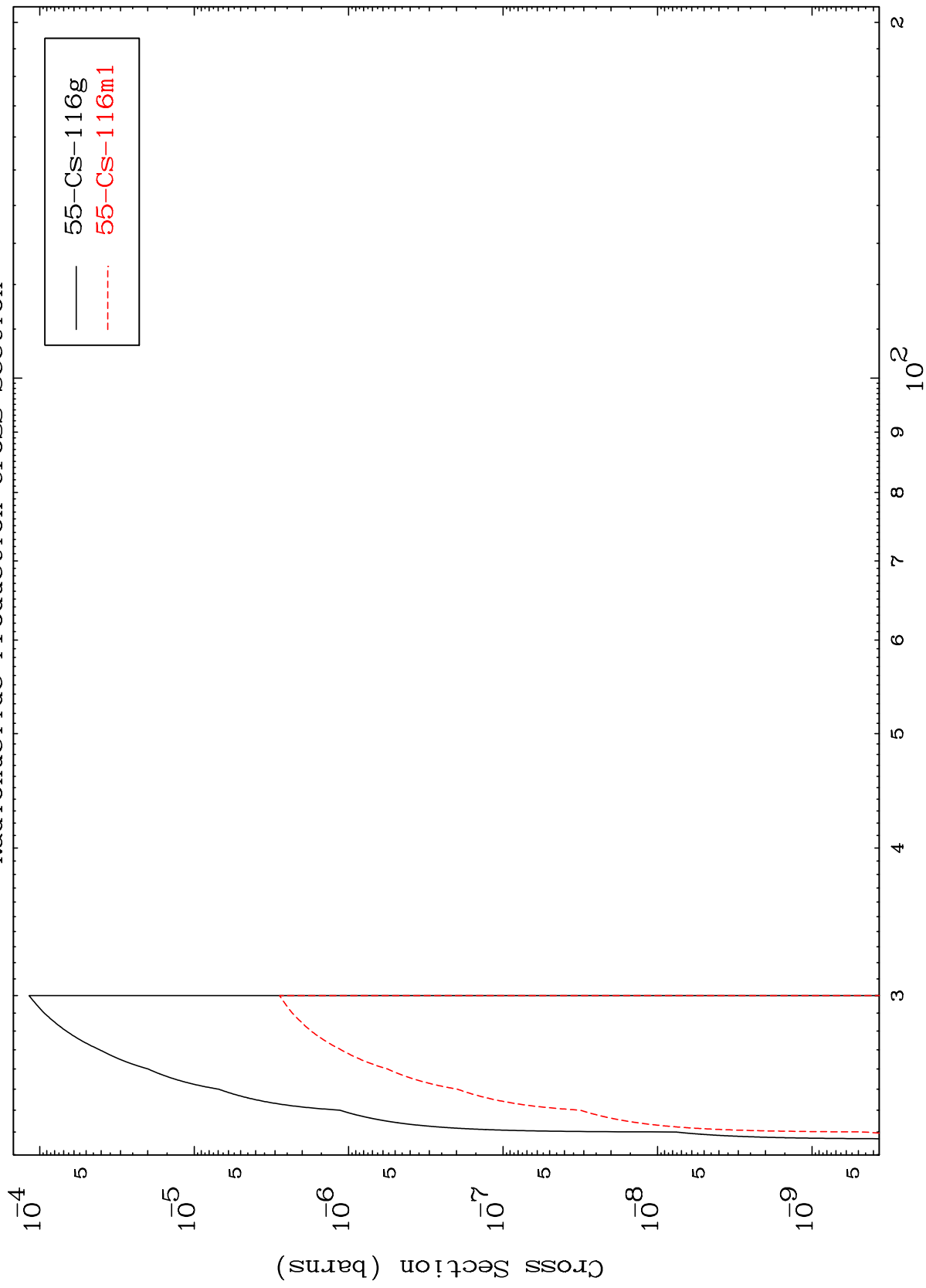
55-Cs-118

69

MAT 5480

55-Cs-118

(n,3n)
Radionuclide Production Cross Section



70

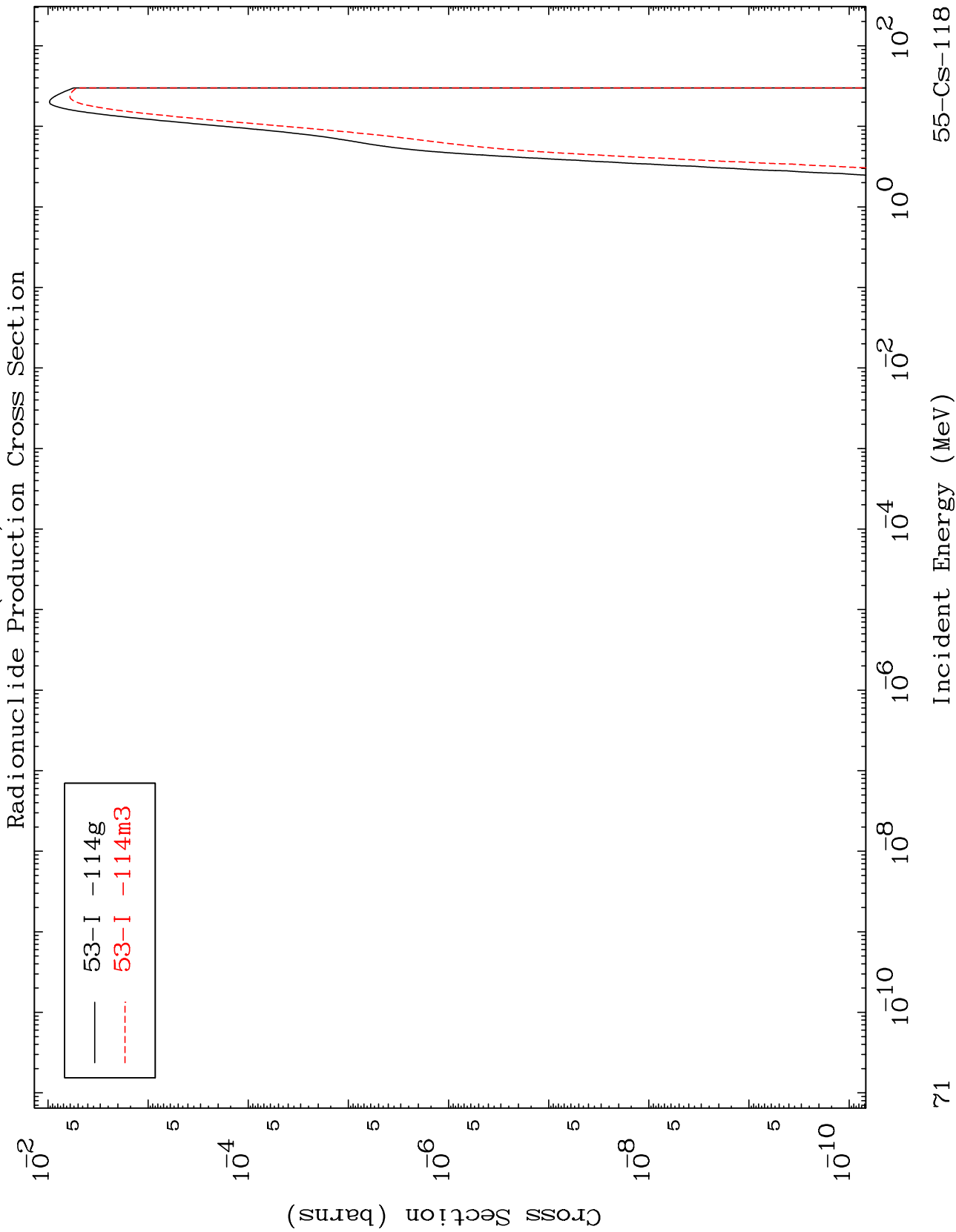
Incident Energy (MeV)

55-Cs-118

MAT 5480

(n,n') α

55-Cs-118



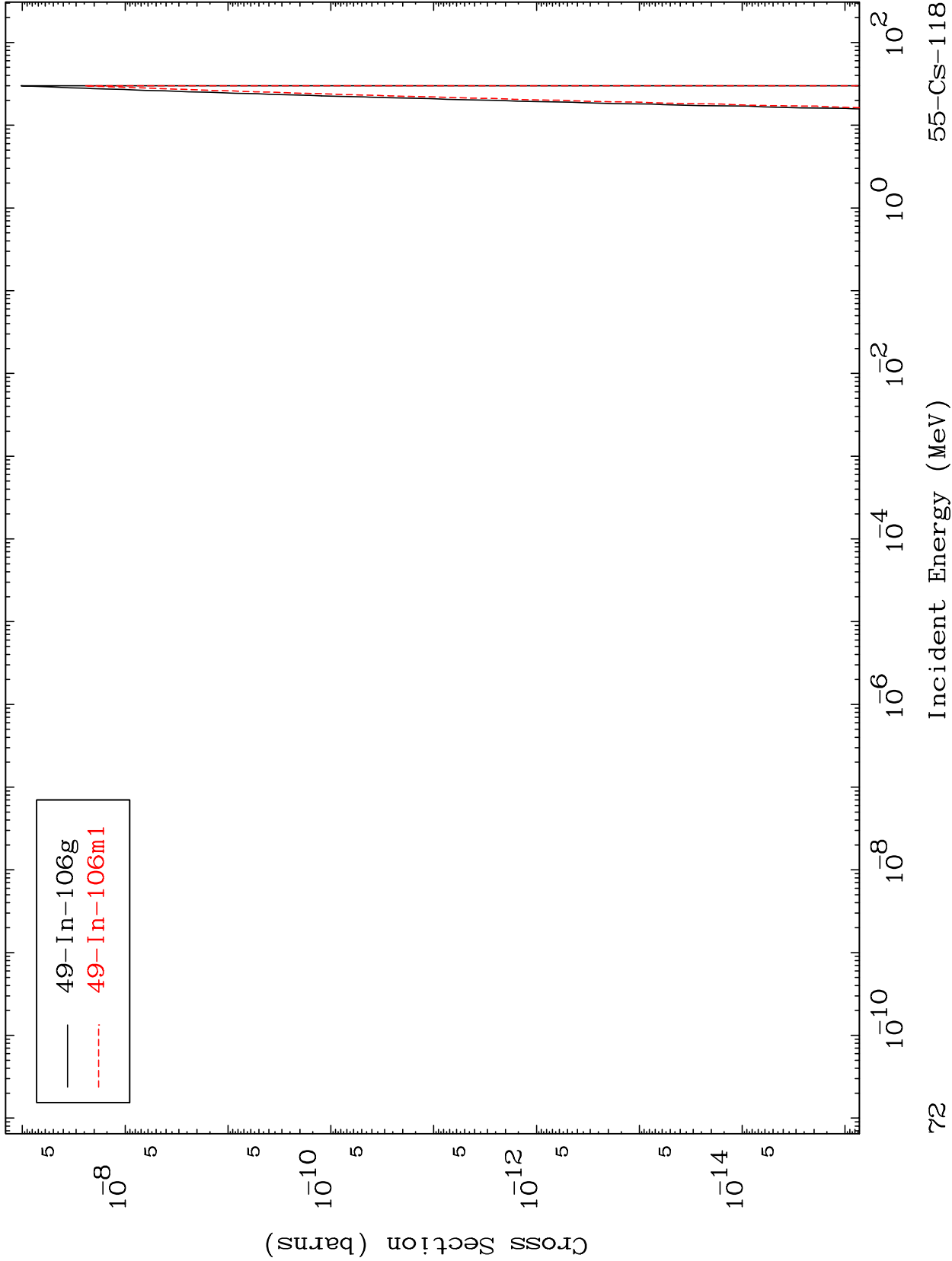
53-I -114g
53-I -114m3

MAT 5480

(n,n') 3α

55-Cs-118

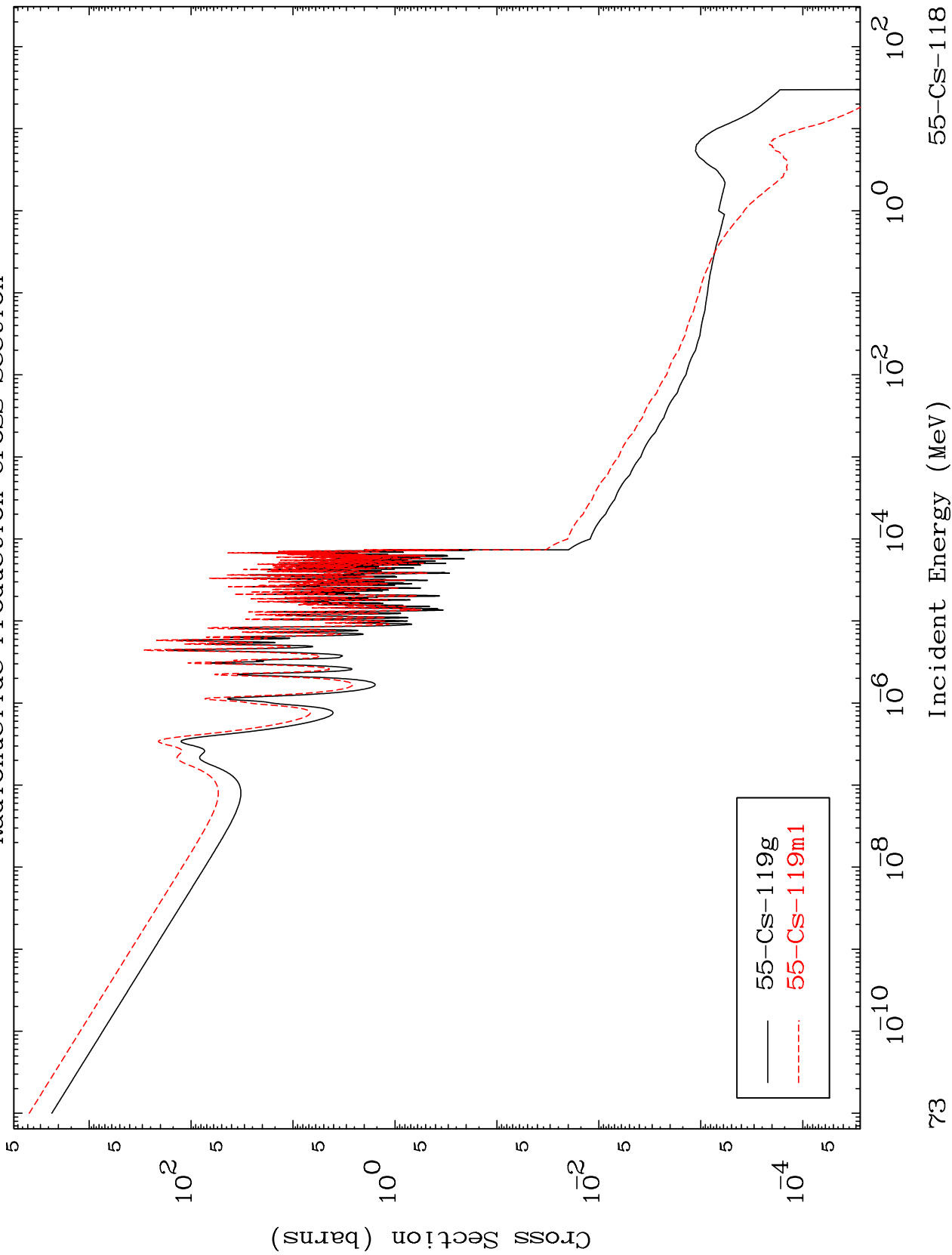
Radionuclide Production Cross Section



MAT 5480

55-Cs-118

(n, γ)
Radionuclide Production Cross Section



MAT 5480

(n, 3α)

55-Cs-118

Radionuclide Production Cross Section

