

Program EVALPLOT
(Version 2017-1)

by

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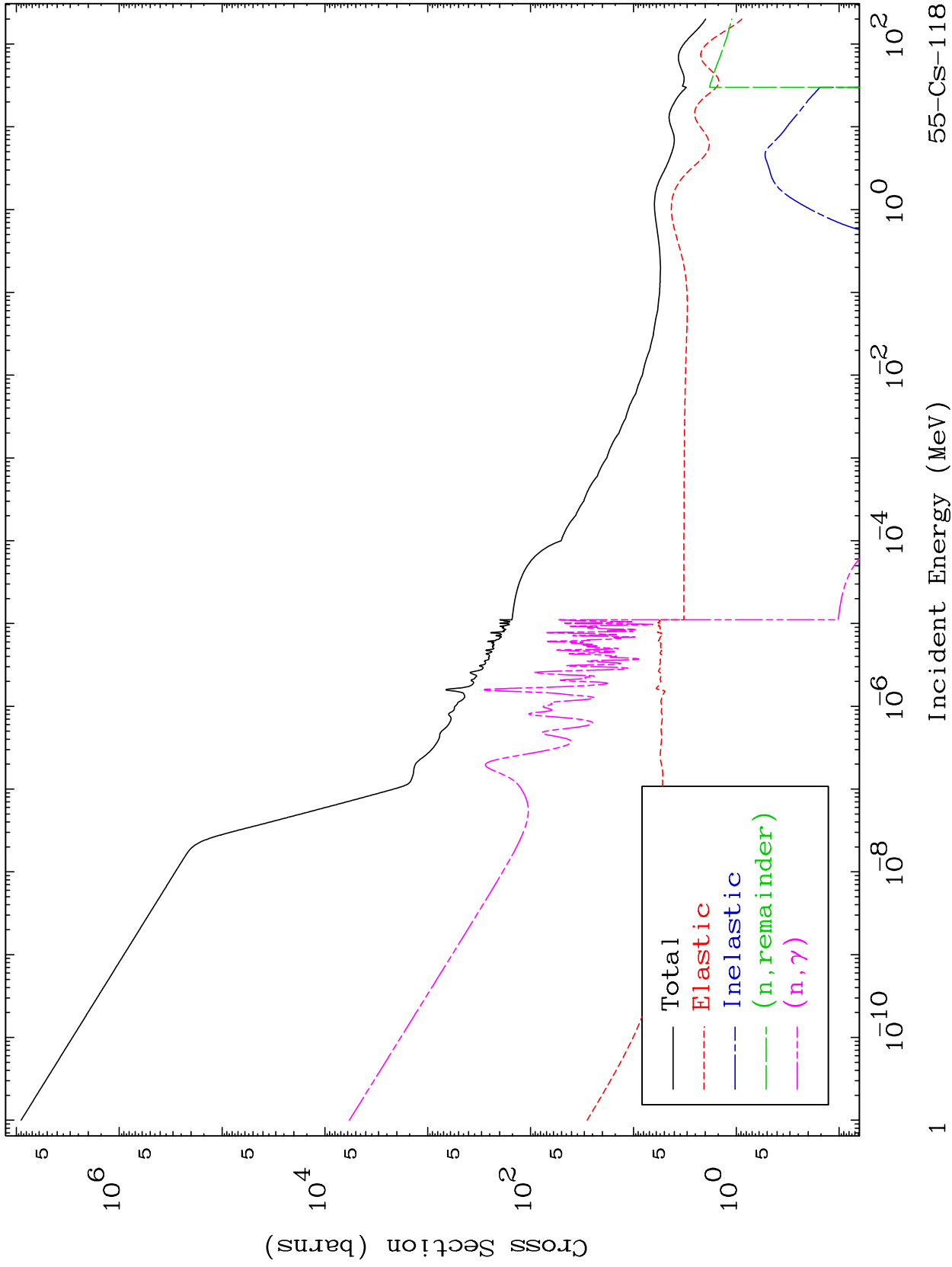
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5480

Major
293 Kelvin Cross Sections

55-Cs-118



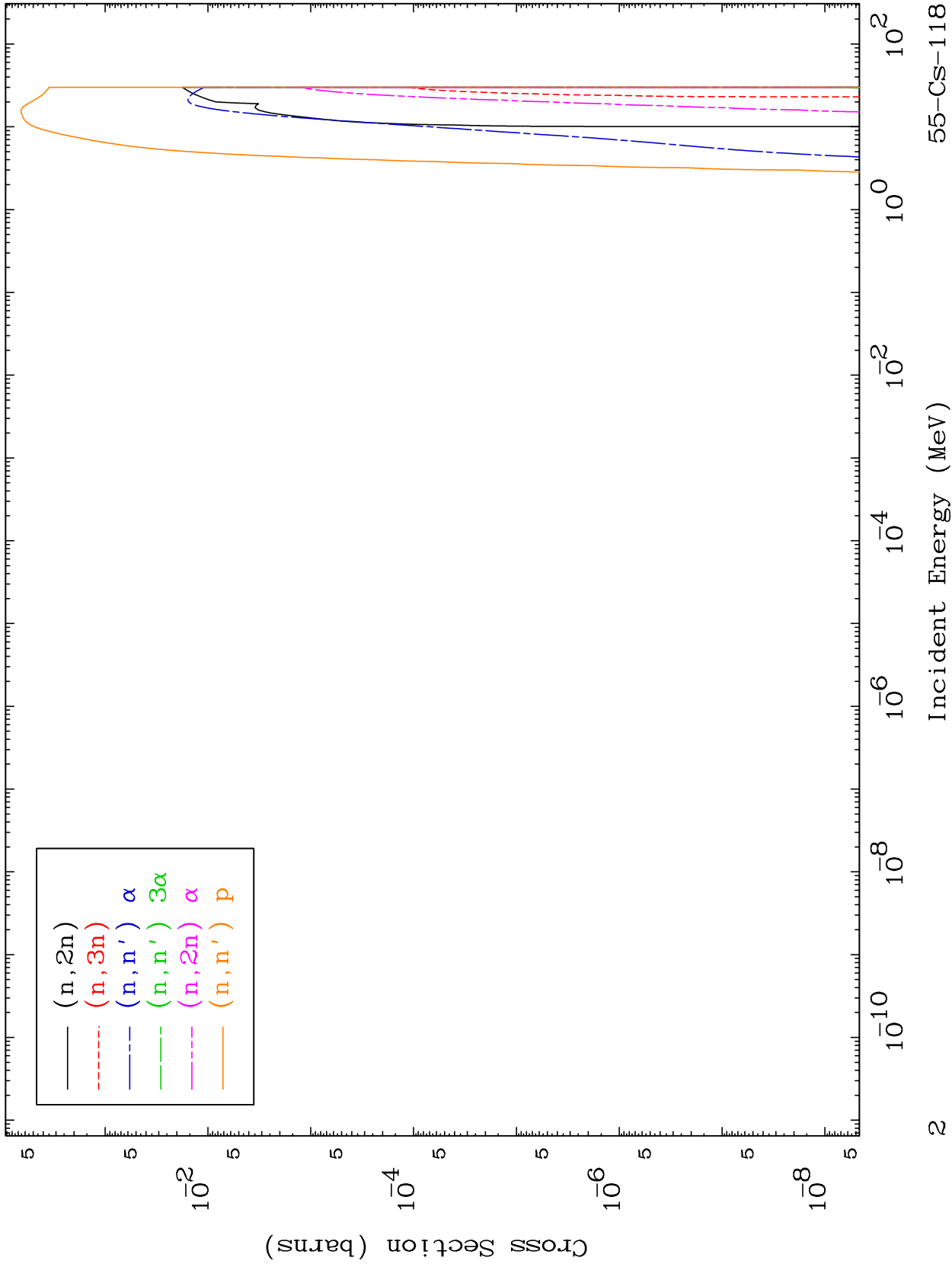
1

55-Cs-118

MAT 5480

Neutron Production
293 Kelvin Cross Sections

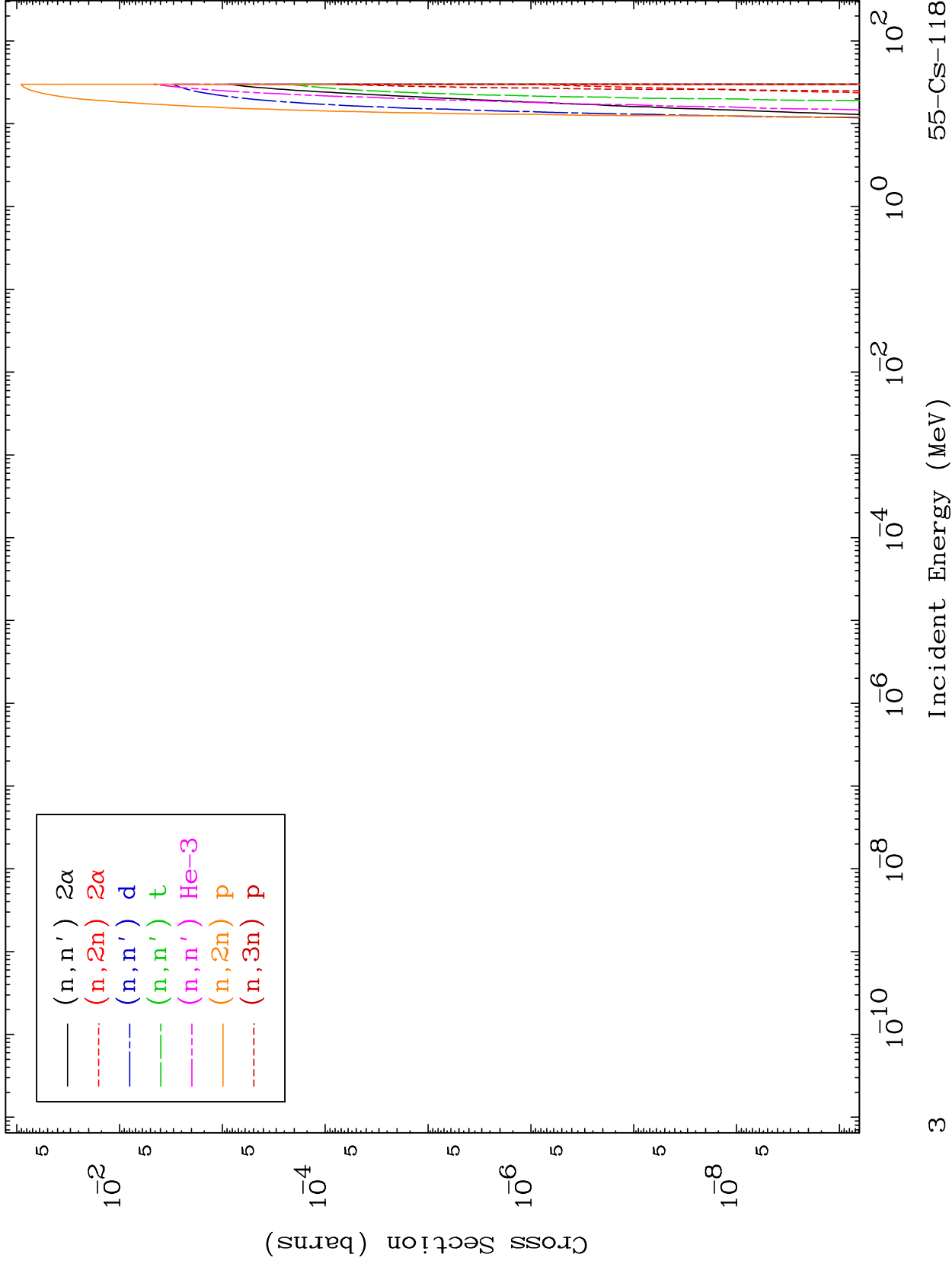
55-Cs-118



MAT 5480

Neutron Production
293 Kelvin Cross Sections

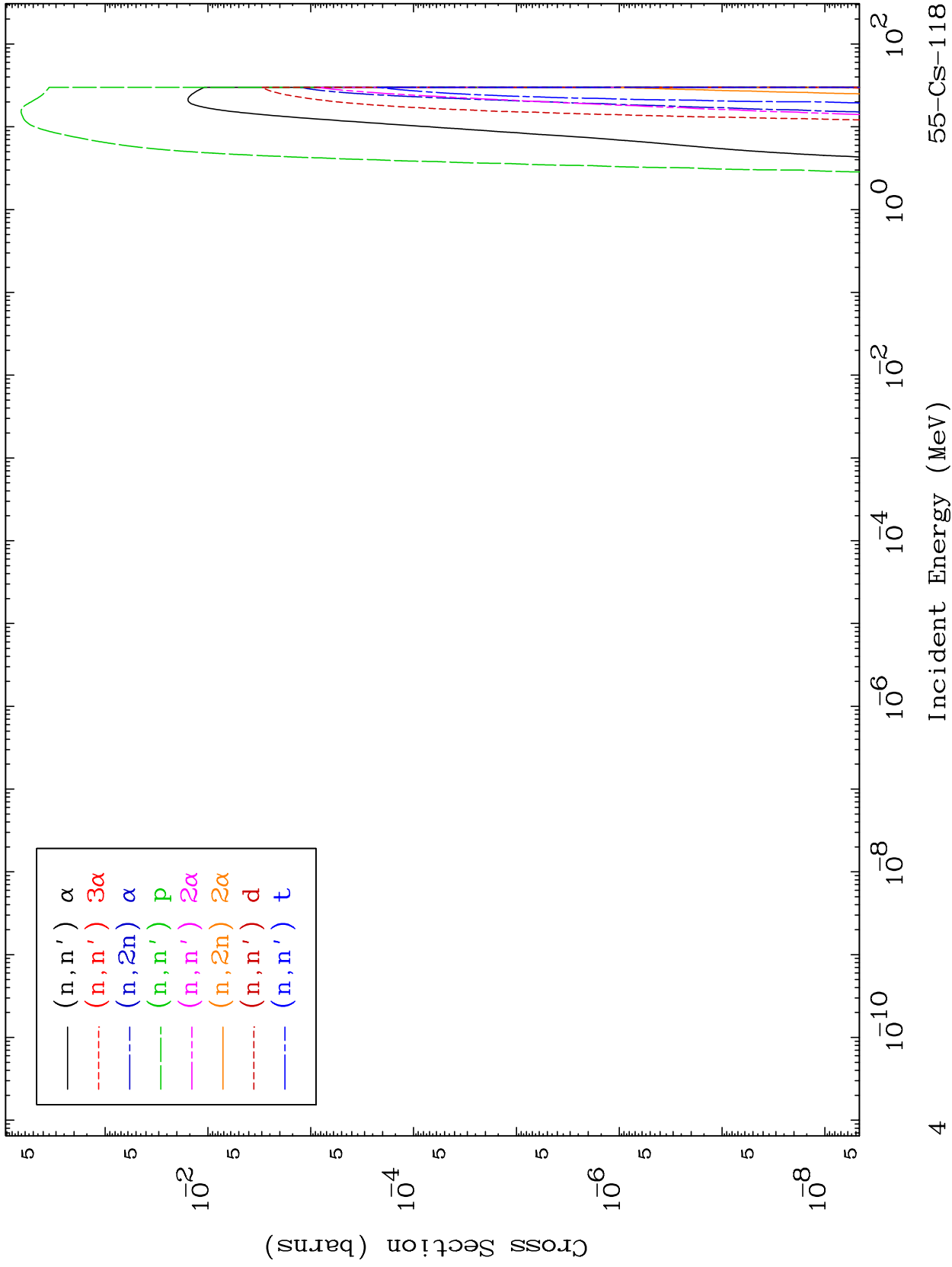
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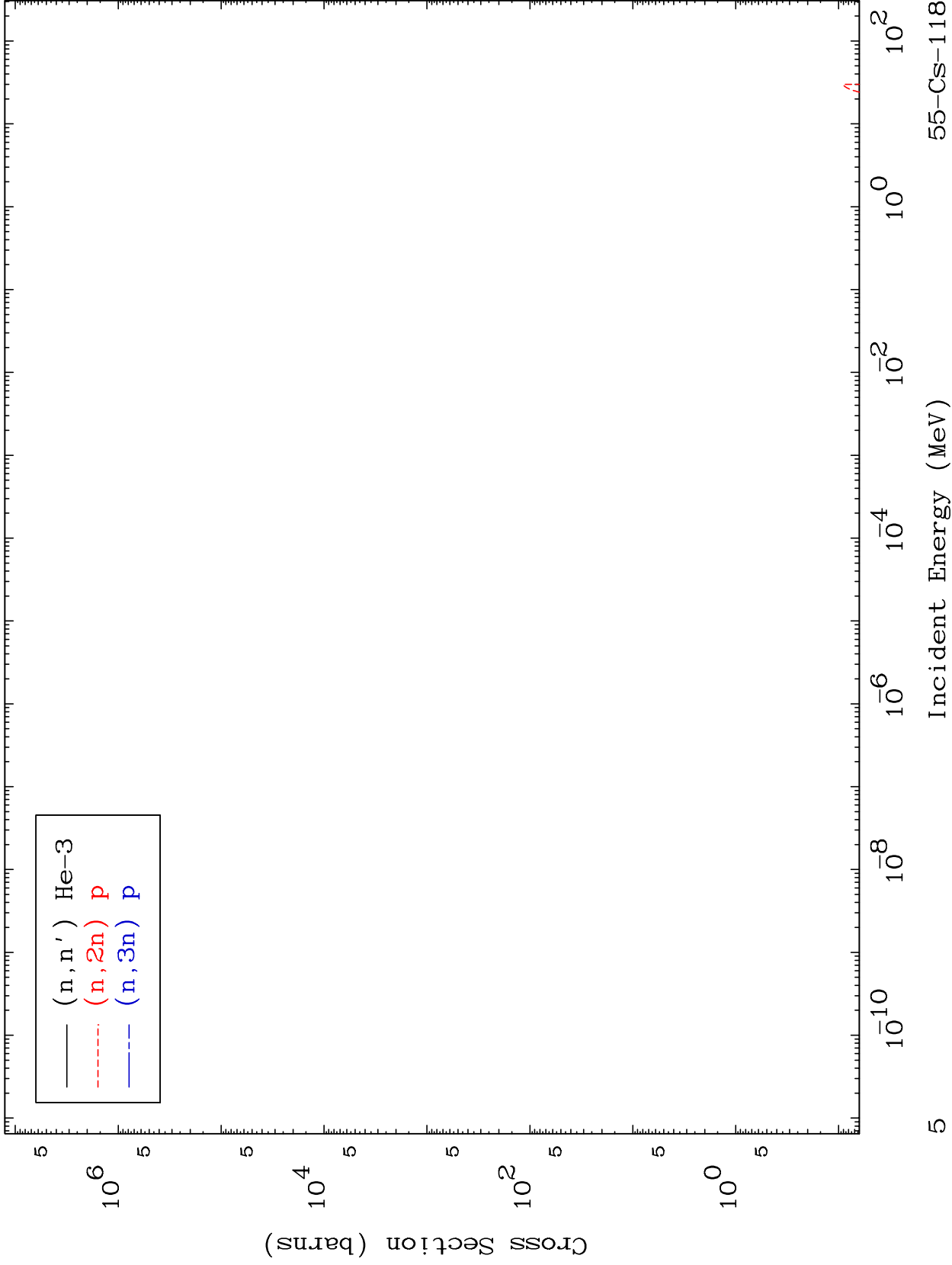


MAT 5480

Charged Particle
293 Kelvin Cross Sections

55-Cs-118

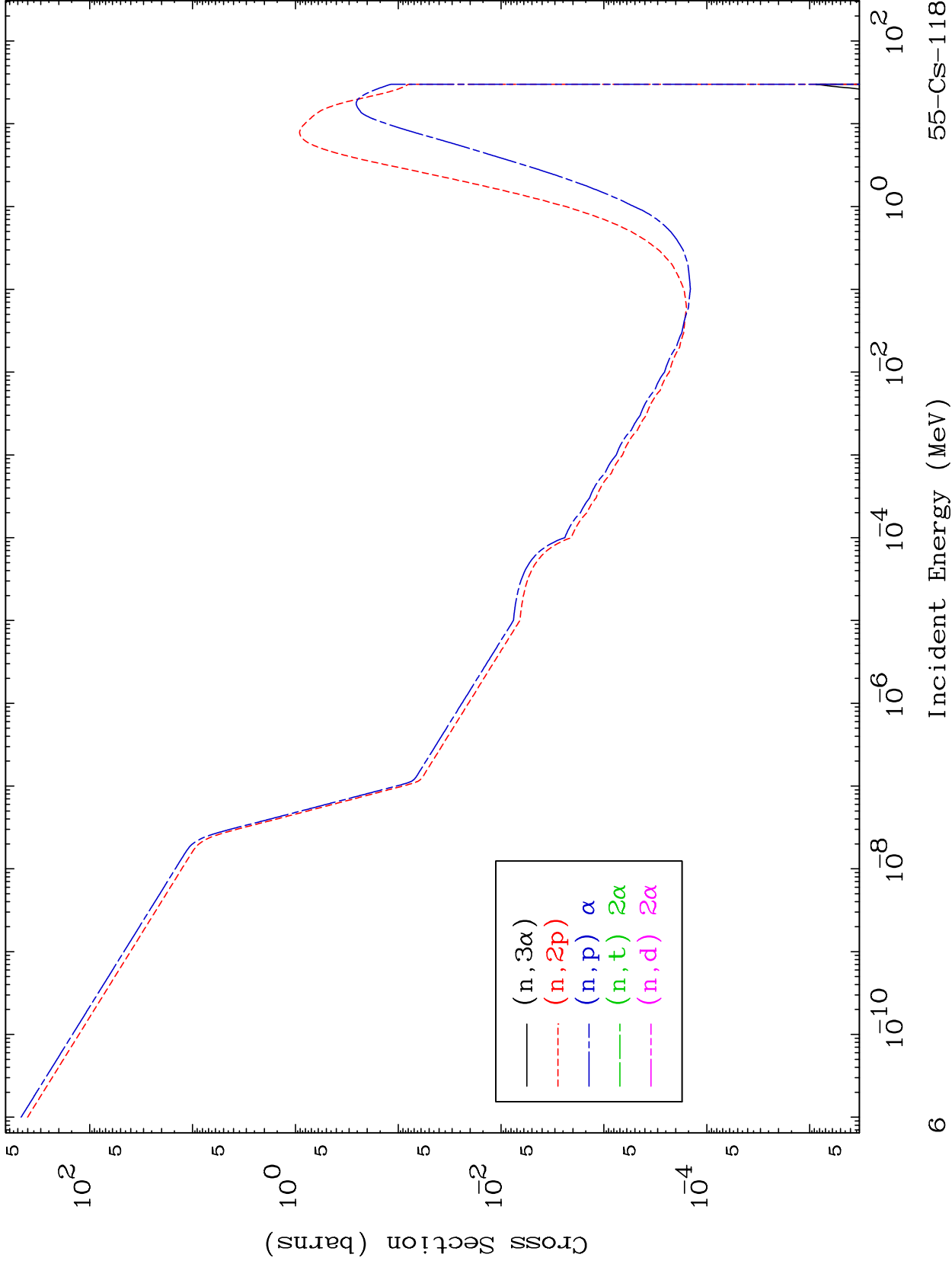


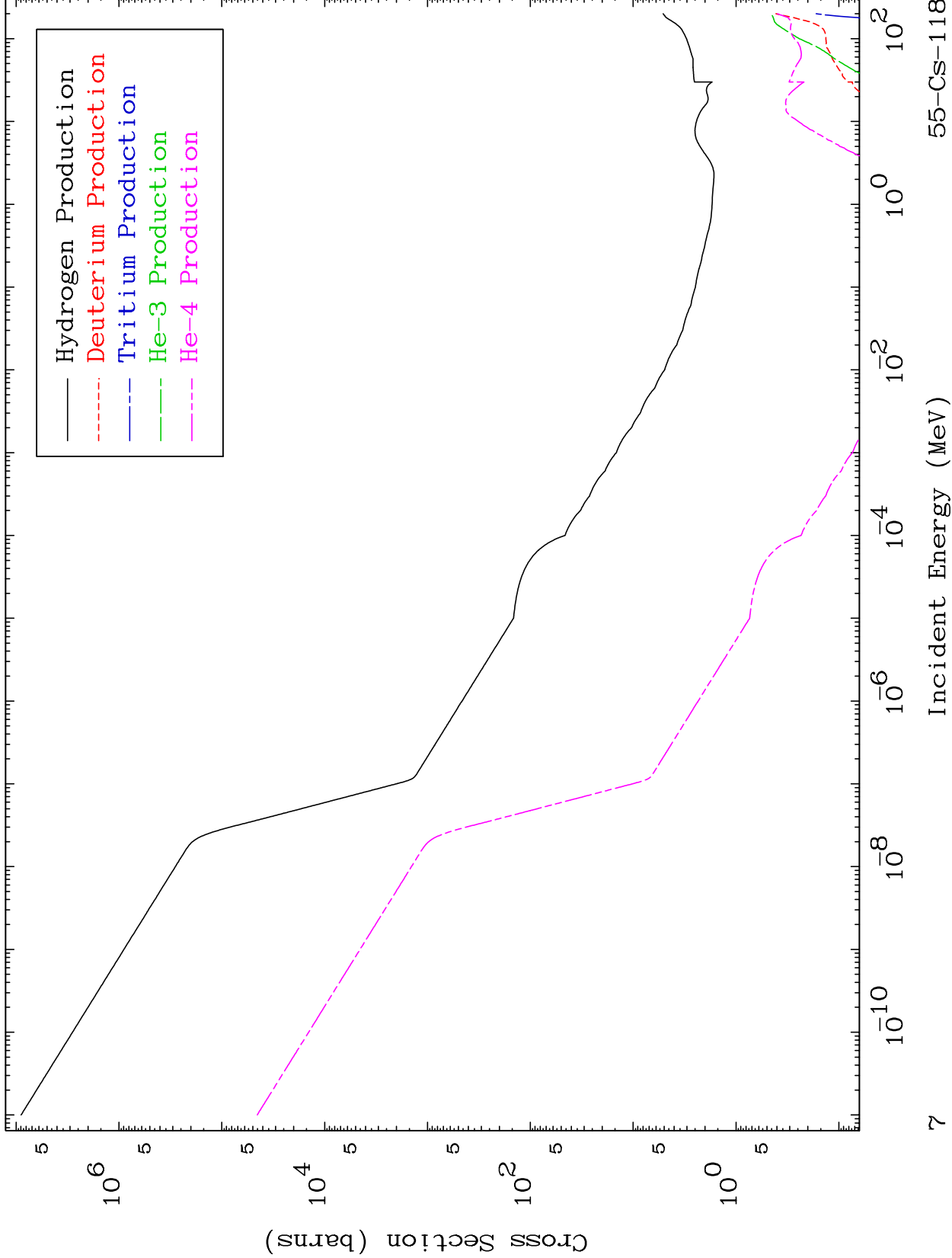


MAT 5480

Charged Particle
293 Kelvin Cross Sections

55-Cs-118



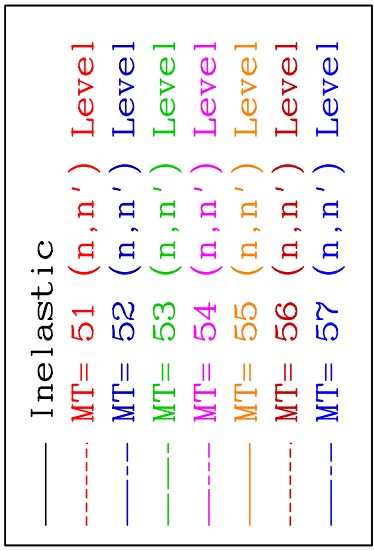
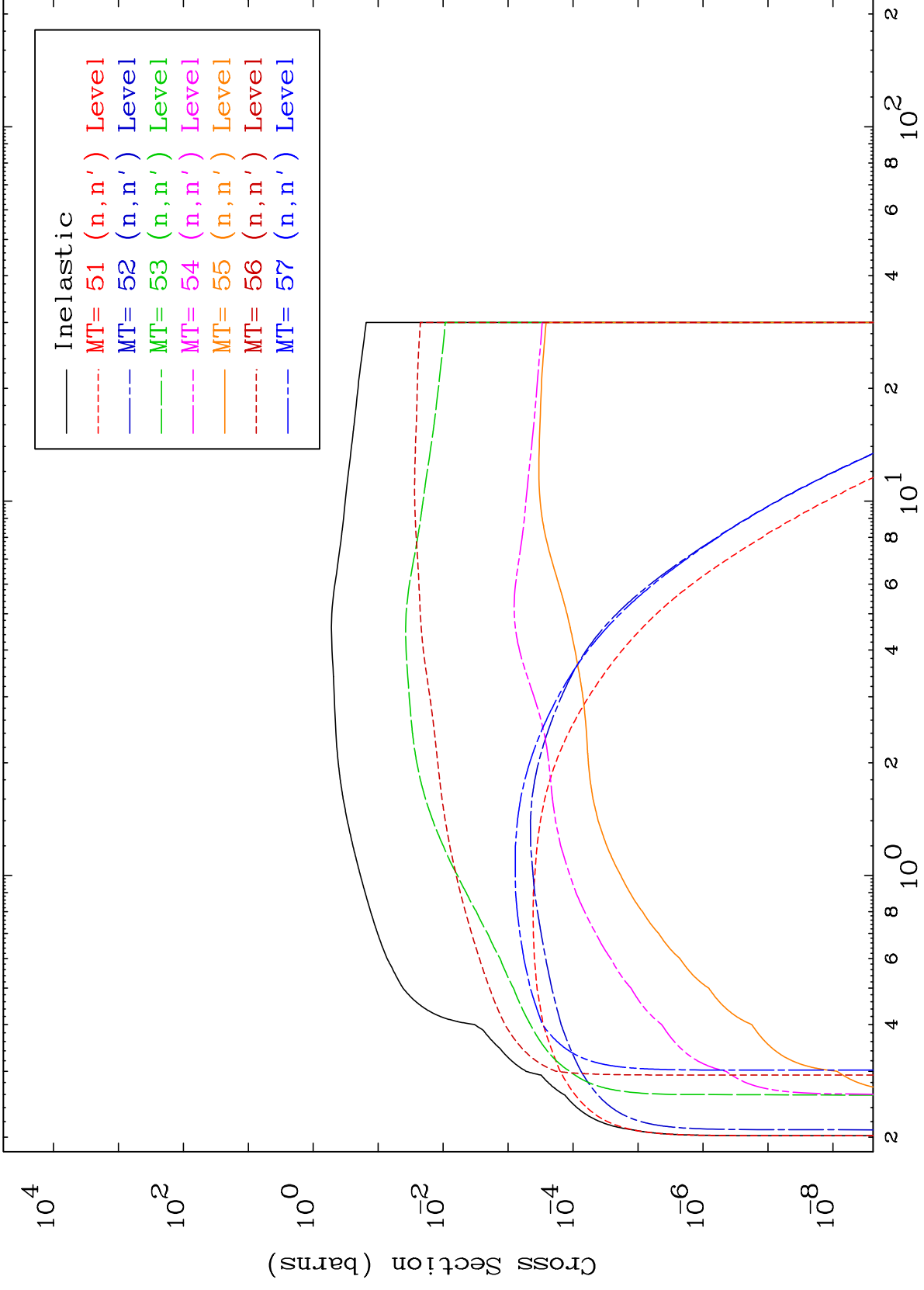


MAT 5480

(n,n') Level

55-Cs-118

293 Kelvin Cross Sections



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Incident Energy (MeV)

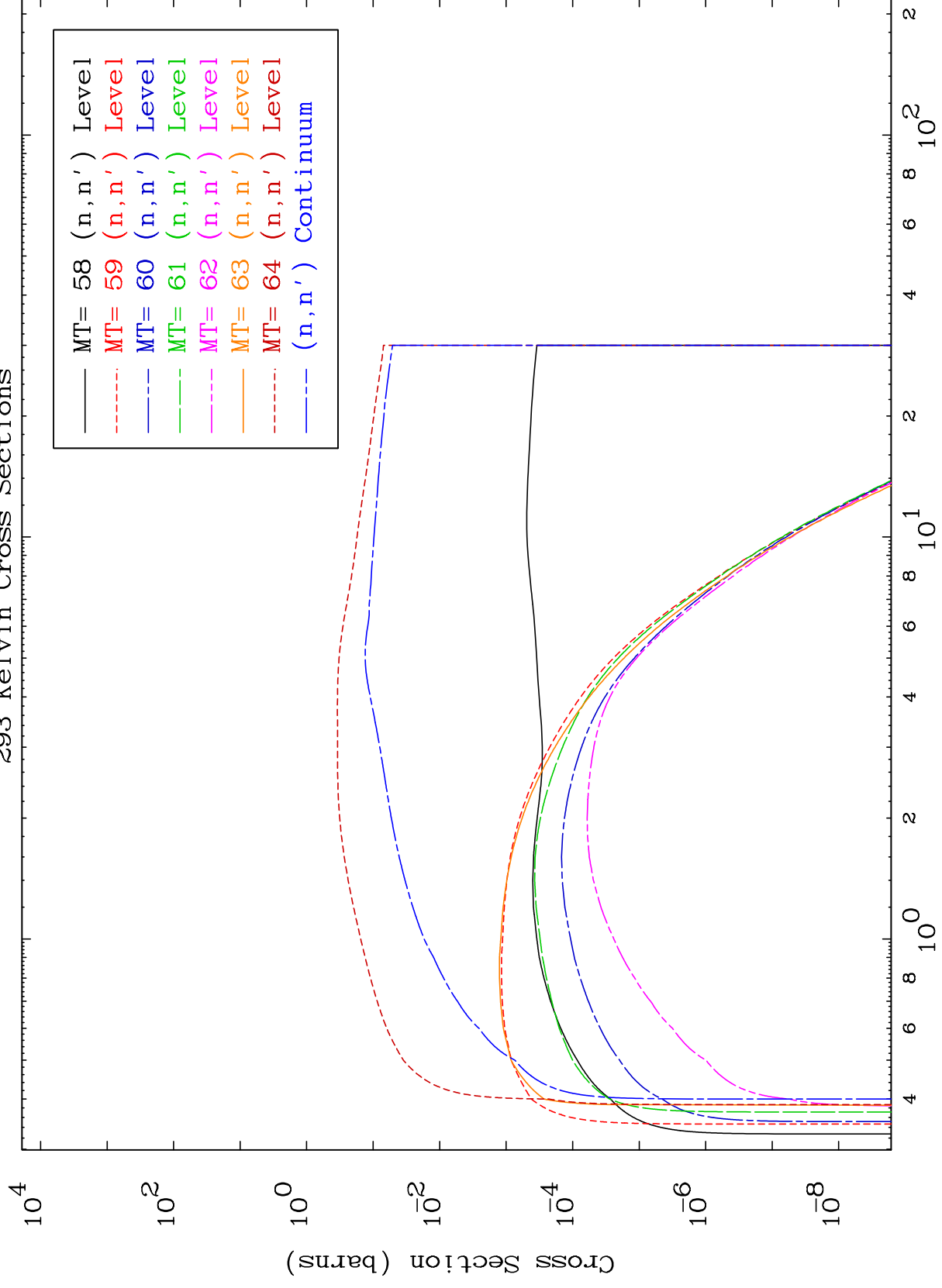
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MAT 5480

(n,n') Level

293 Kelvin Cross Sections

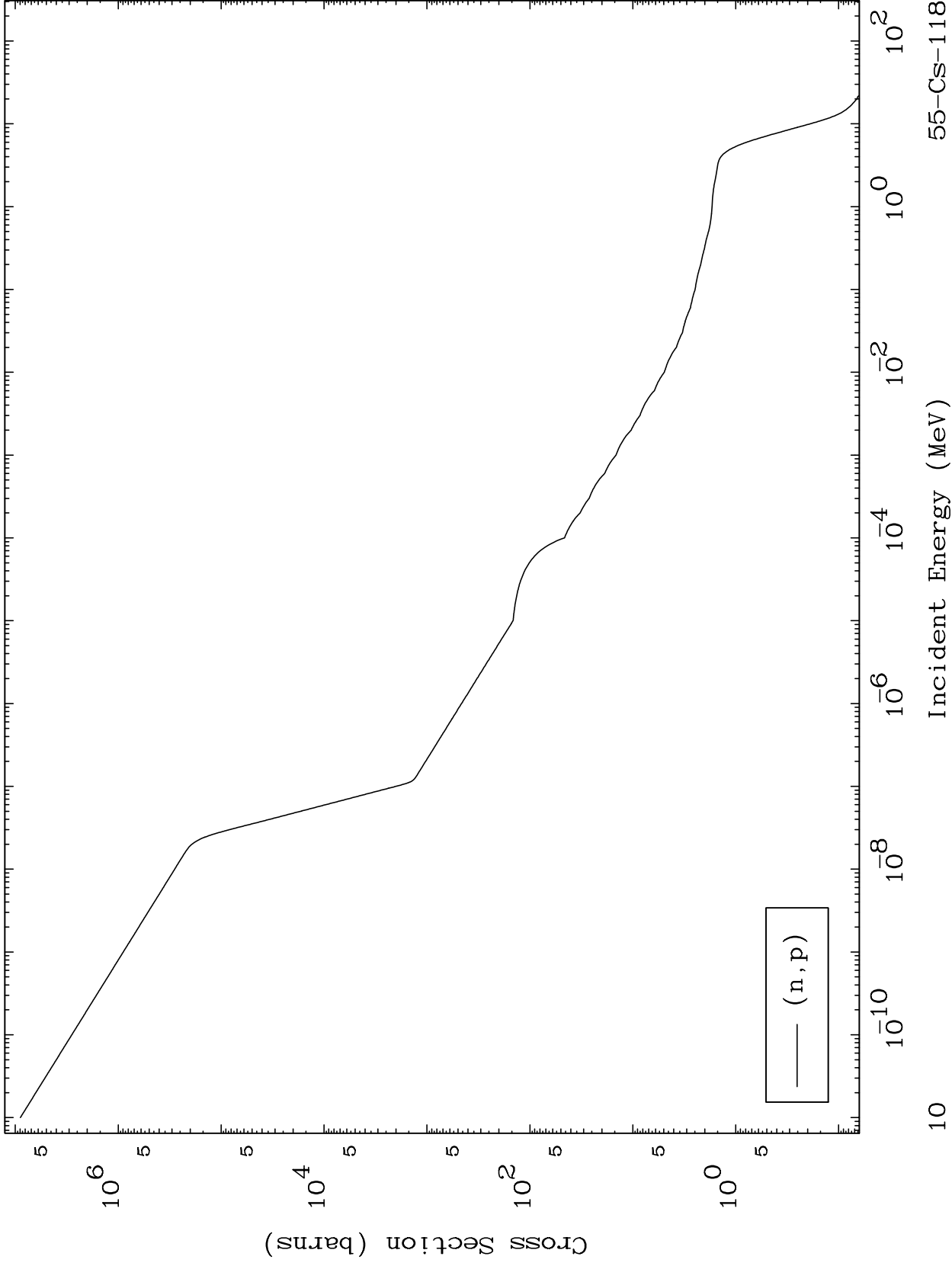
55-Cs-118



MAT 5480

(n,p) Levels
293 Kelvin Cross Sections

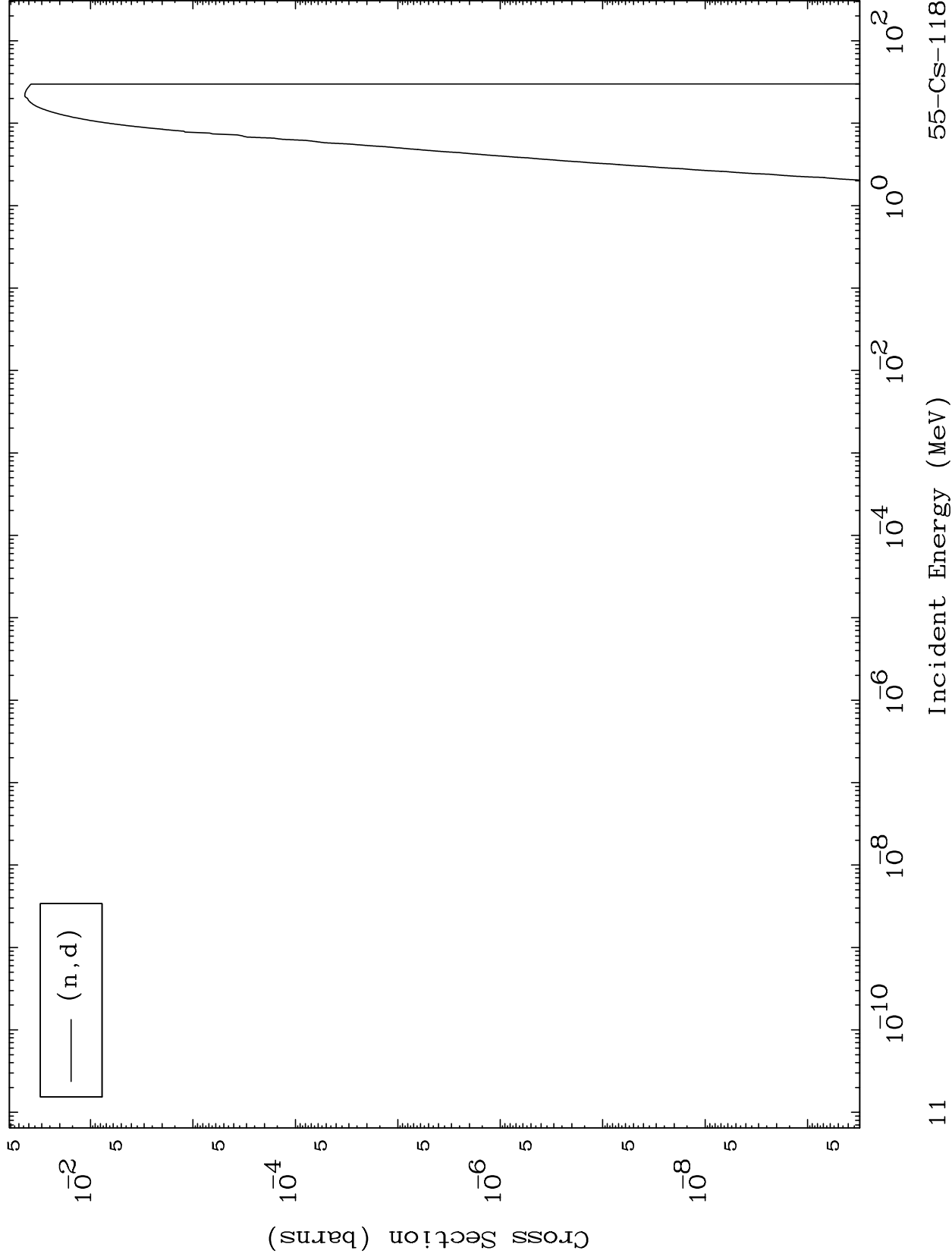
55-Cs-118



MAT 5480

(n,d) Levels
293 Kelvin Cross Sections

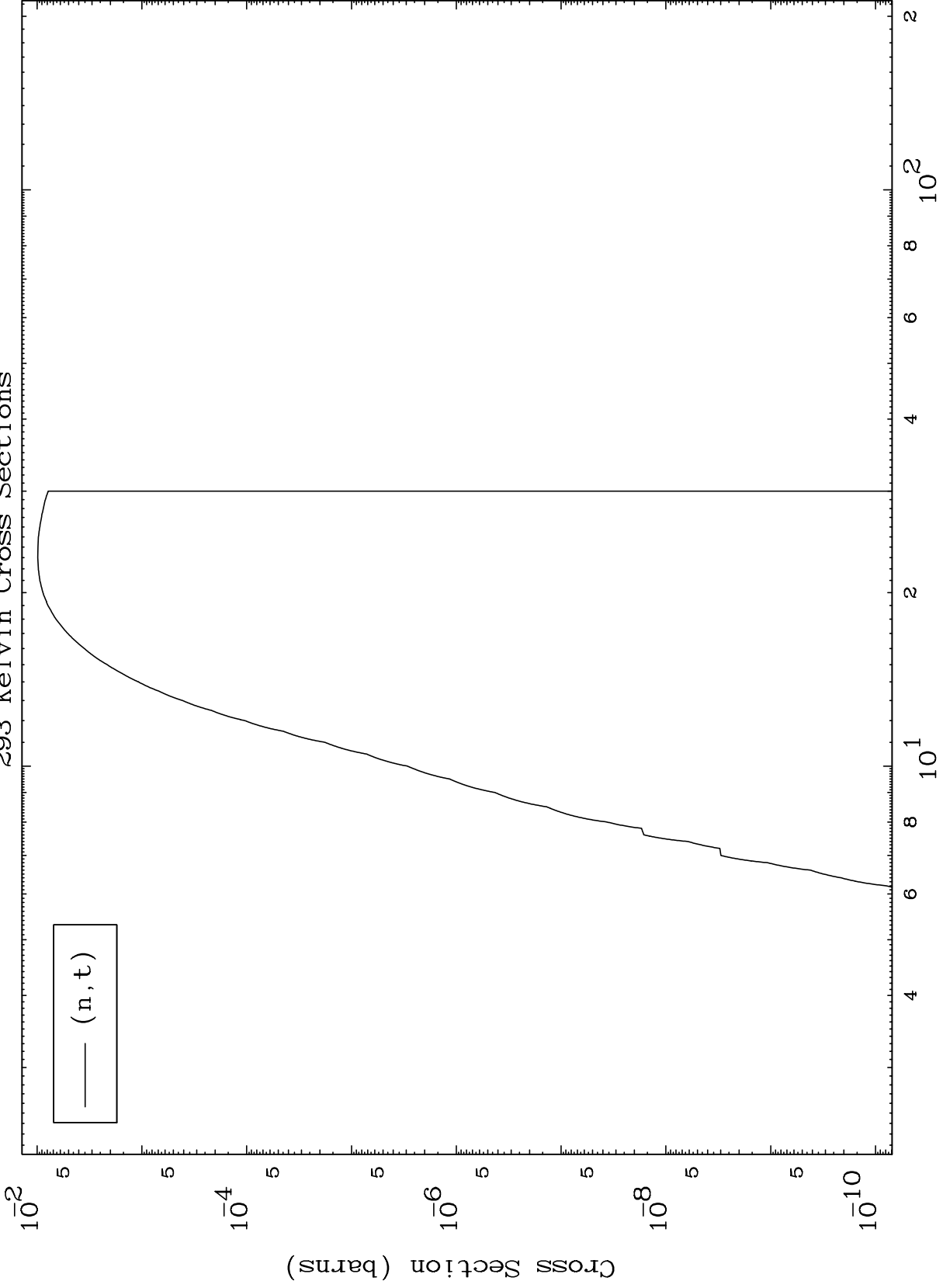
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MAT 5480

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-118



12

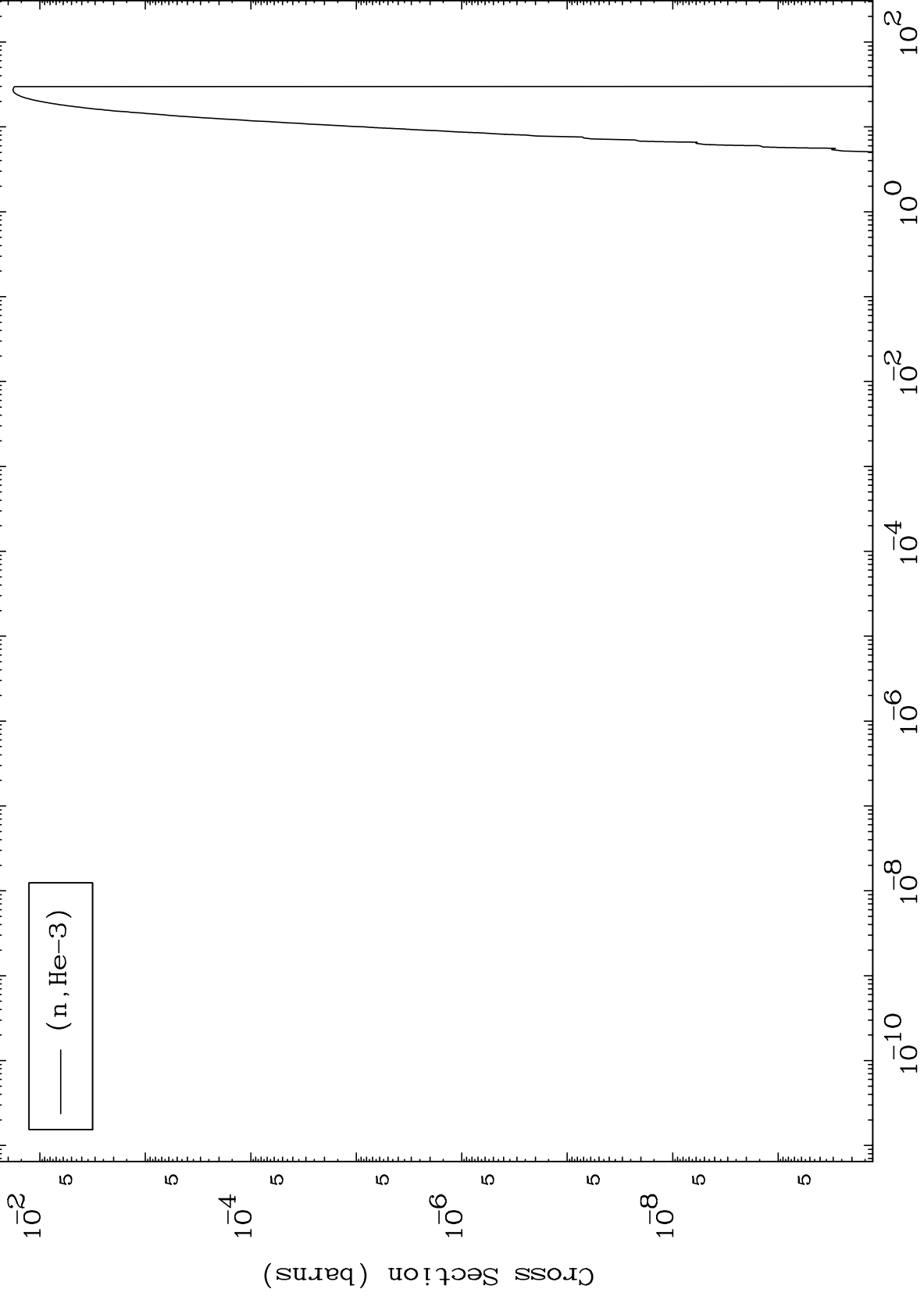
Incident Energy (MeV)

55-Cs-118

MAT 5480

(n,He3) Levels
293 Kelvin Cross Sections

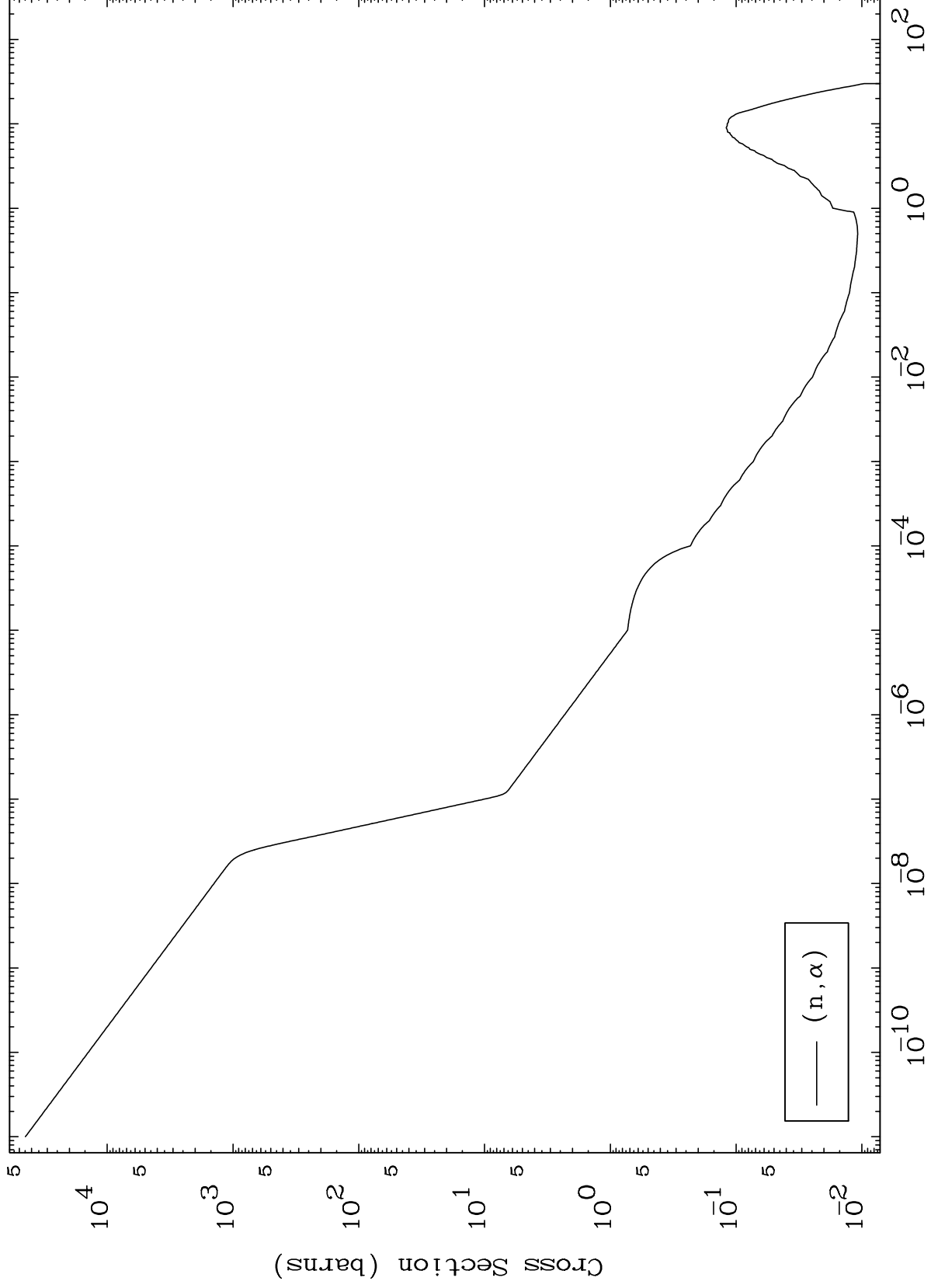
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MAT 5480

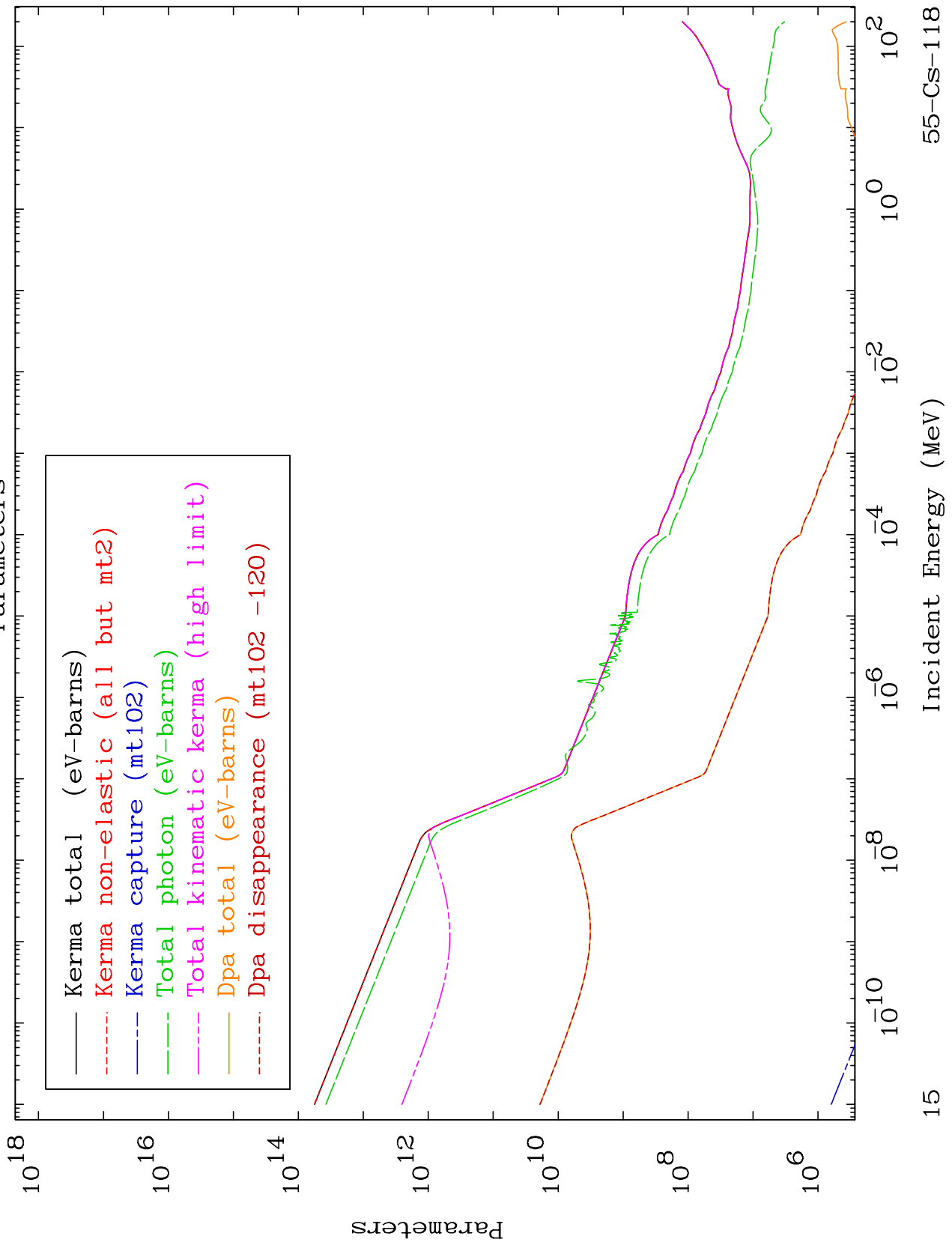
(n,α) Levels
293 Kelvin Cross Sections

55-Cs-118



Incident Energy (MeV)

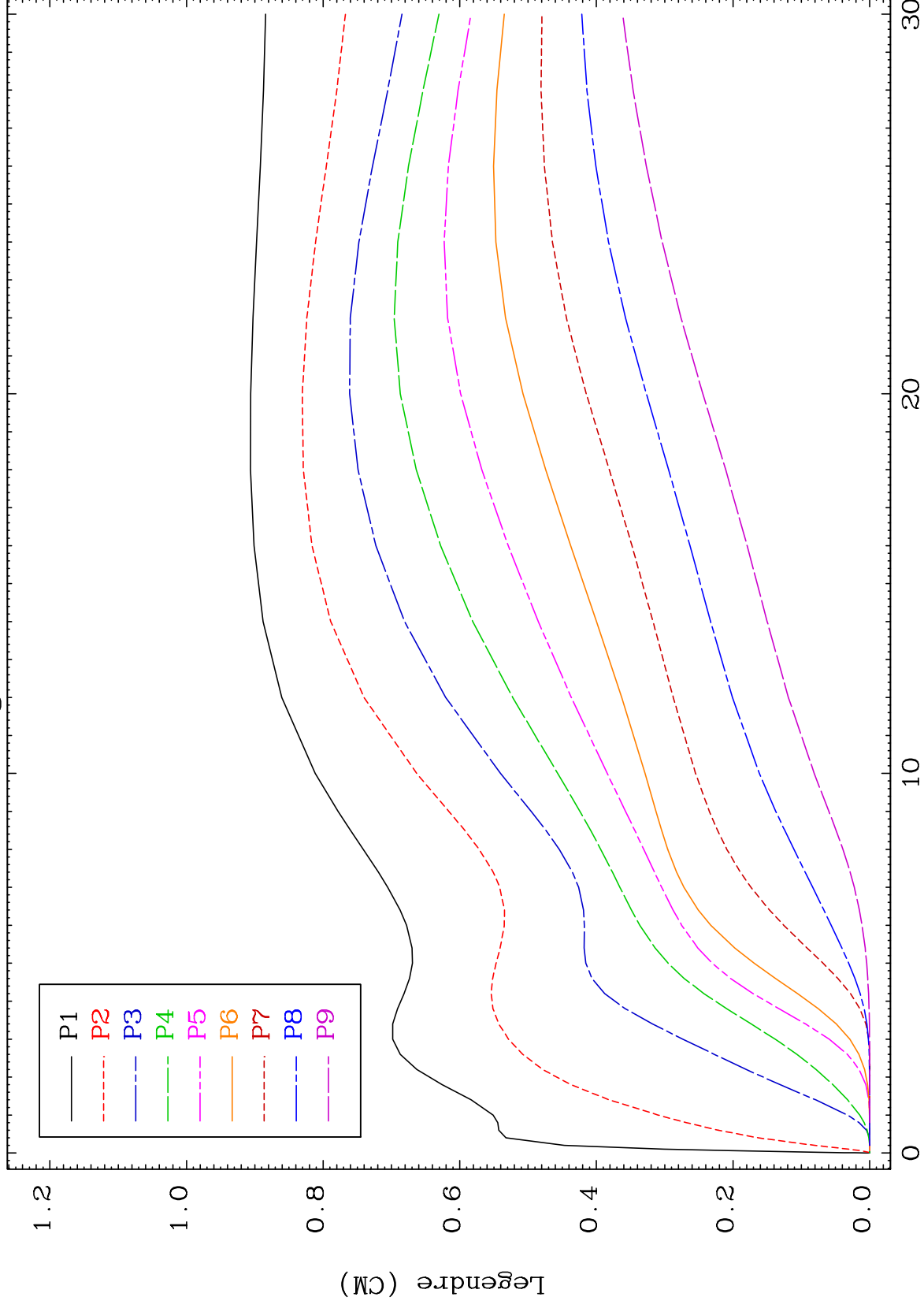
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MAT 5480

Elastic Legendre Coefficients

55-Cs-118



16

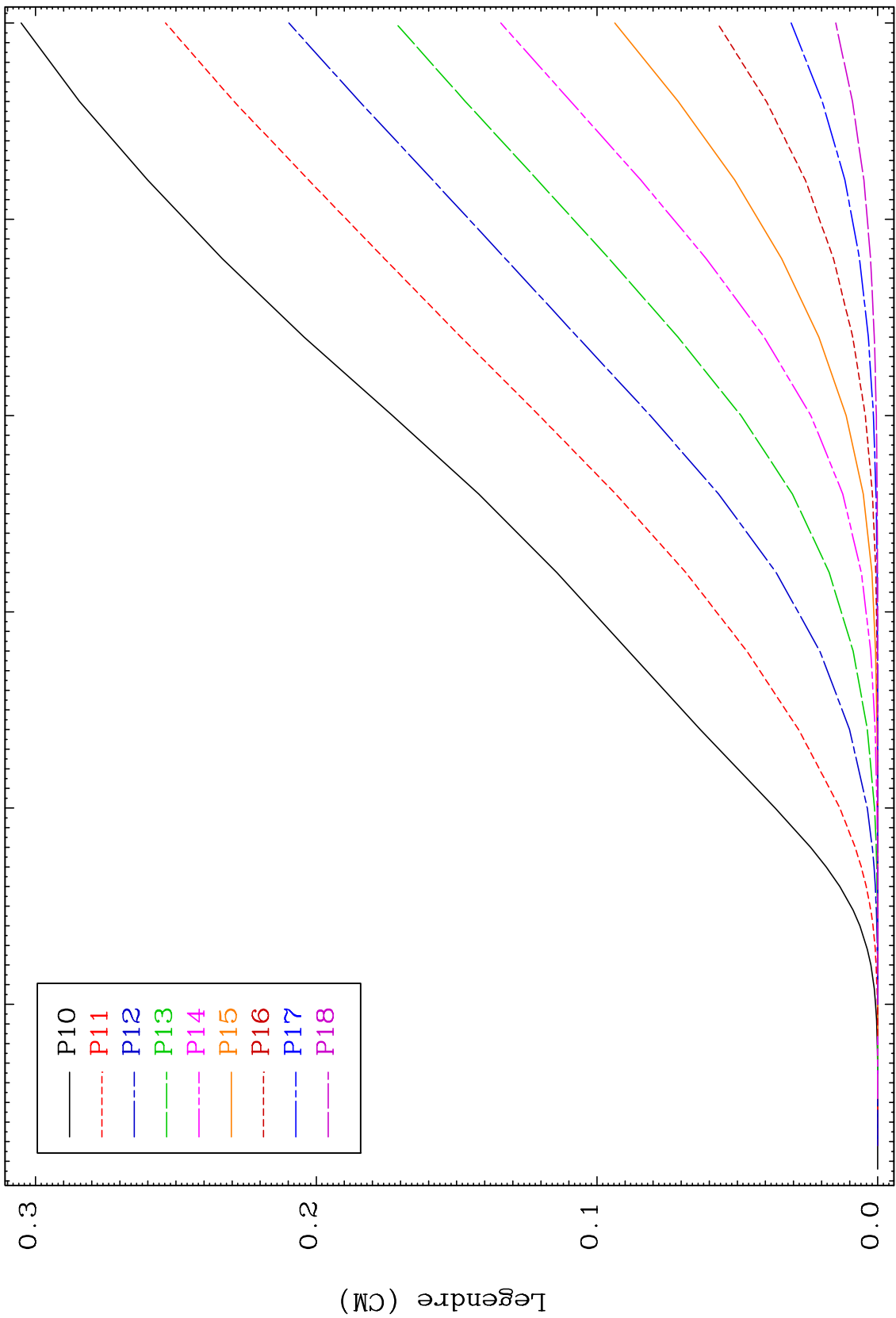
Incident Energy (MeV)

55-Cs-118

MAT 5480

Elastic Legendre Coefficients

55-Cs-118



17

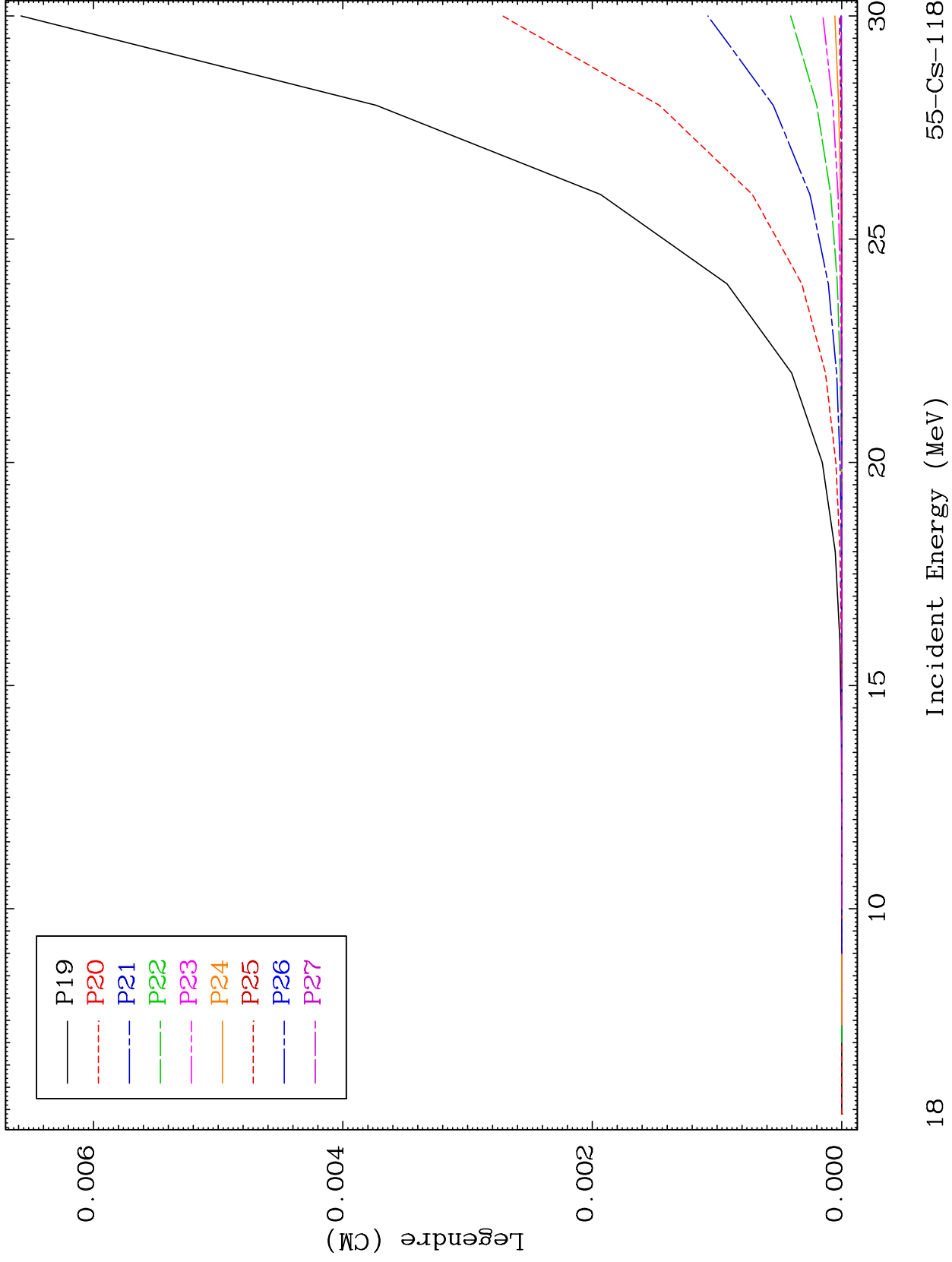
Incident Energy (MeV)

55-Cs-118

MAT 5480

Elastic
Legendre Coefficients

55-Cs-118



18

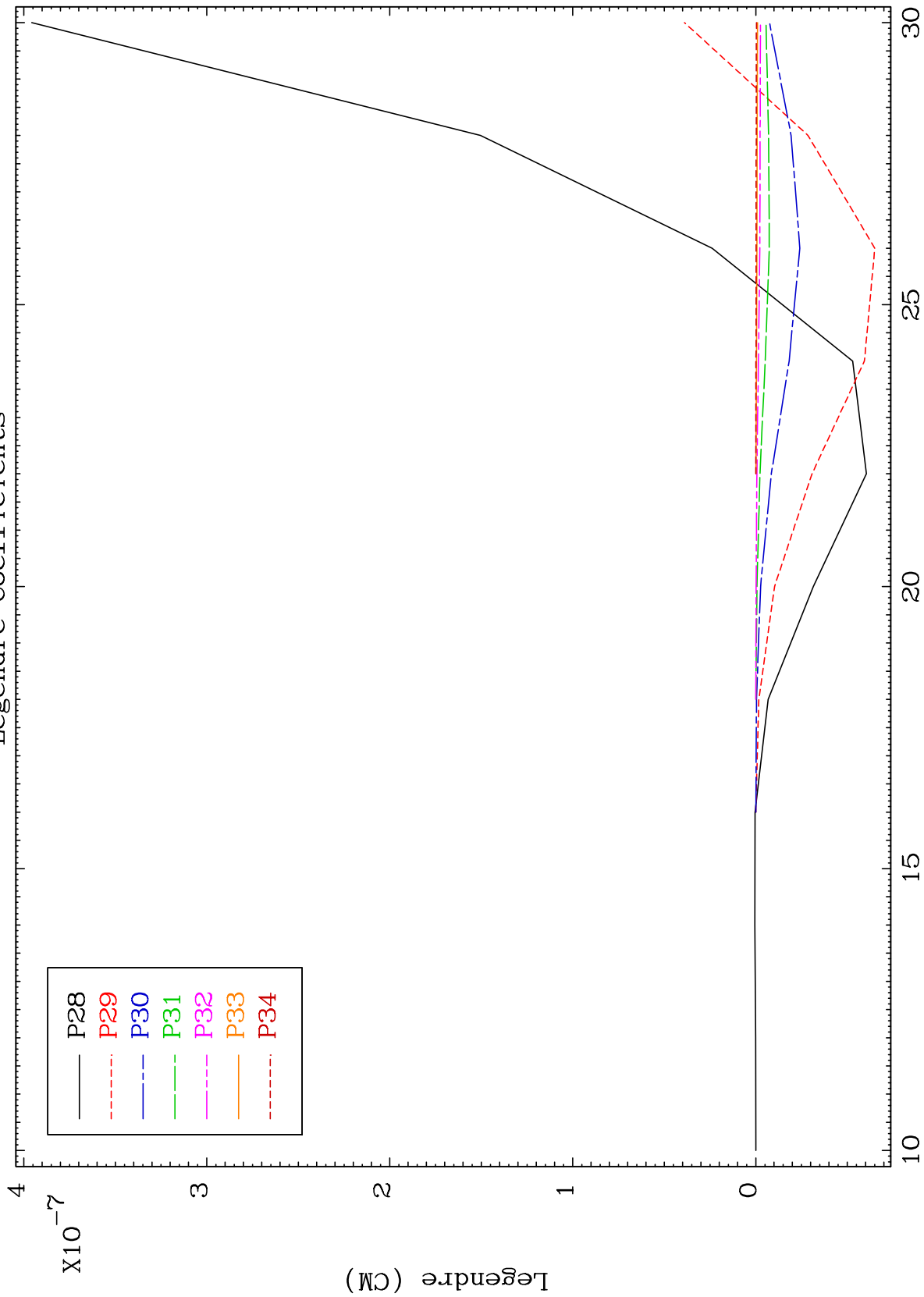
Incident Energy (MeV)

55-Cs-118

MAT 5480

Elastic Legendre Coefficients

55-Cs-118



10

15

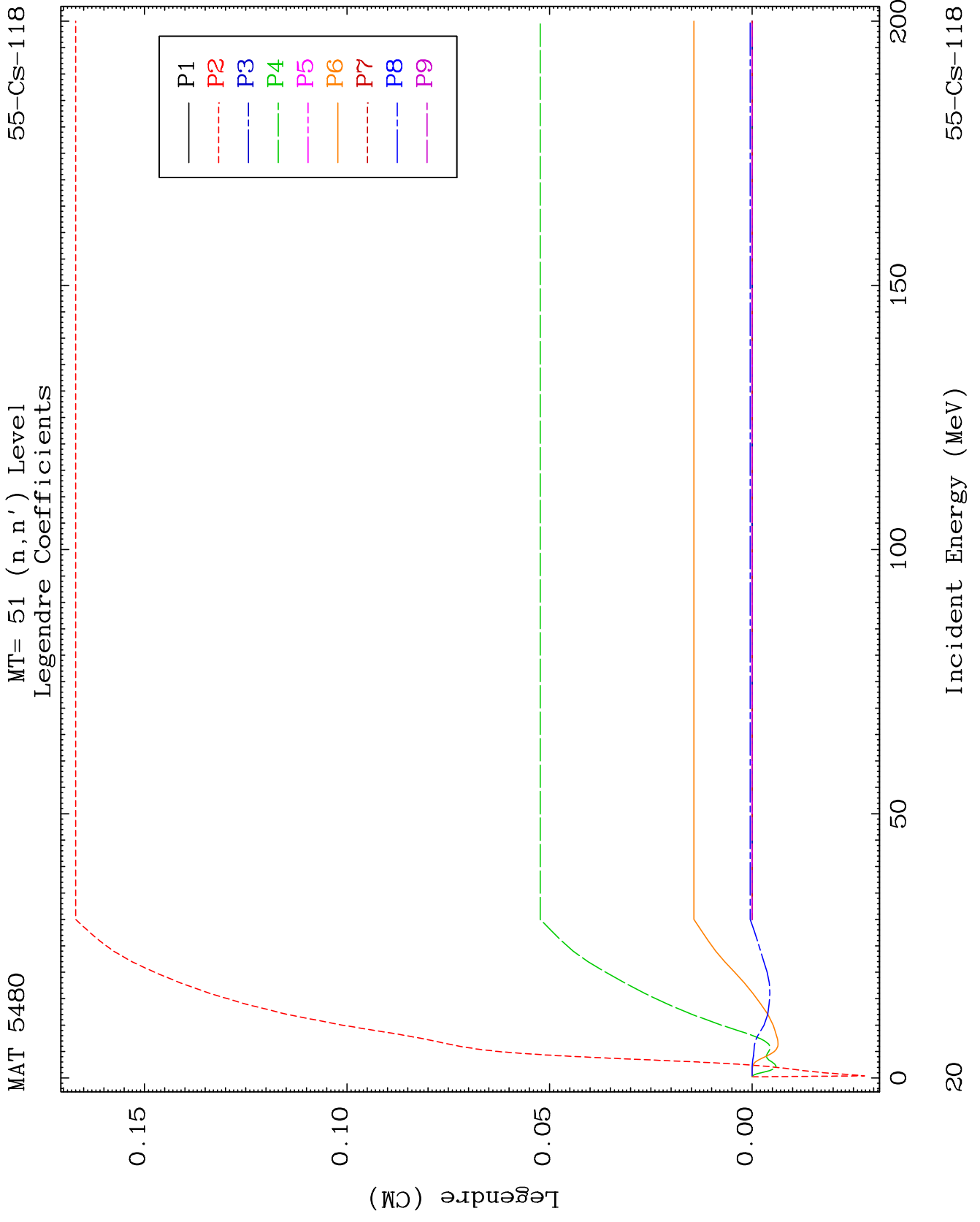
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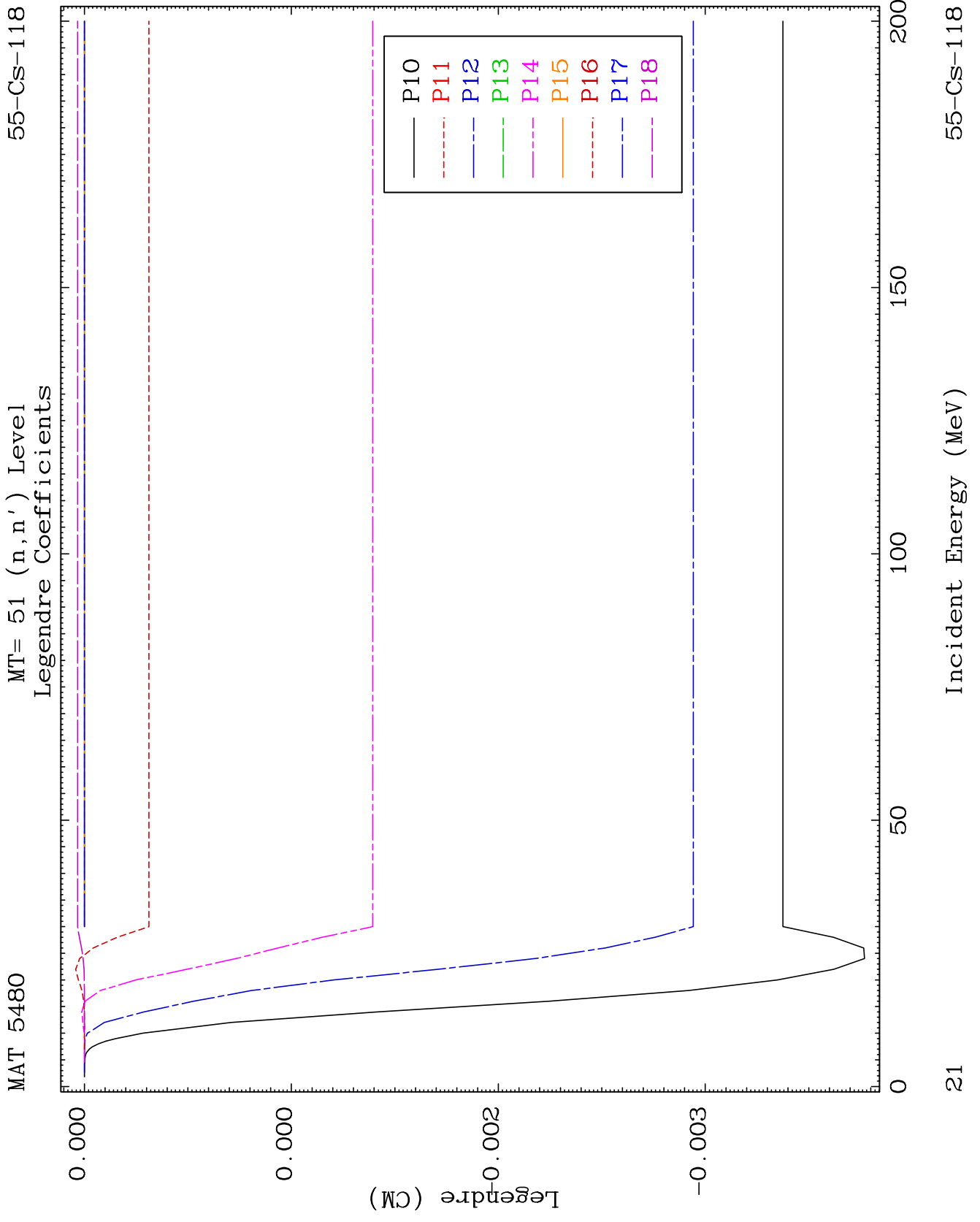
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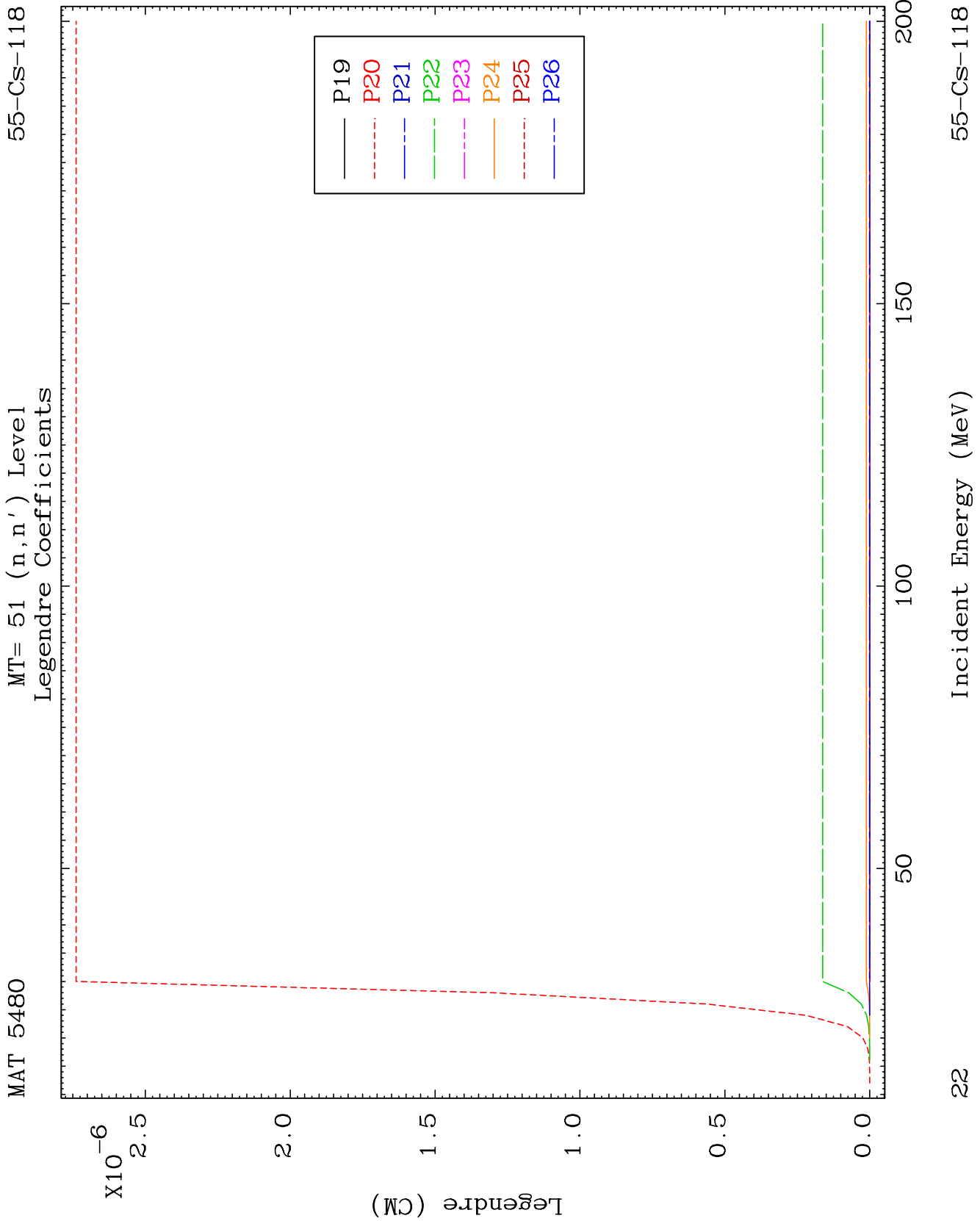
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Incident Energy (MeV)

55-Cs-118



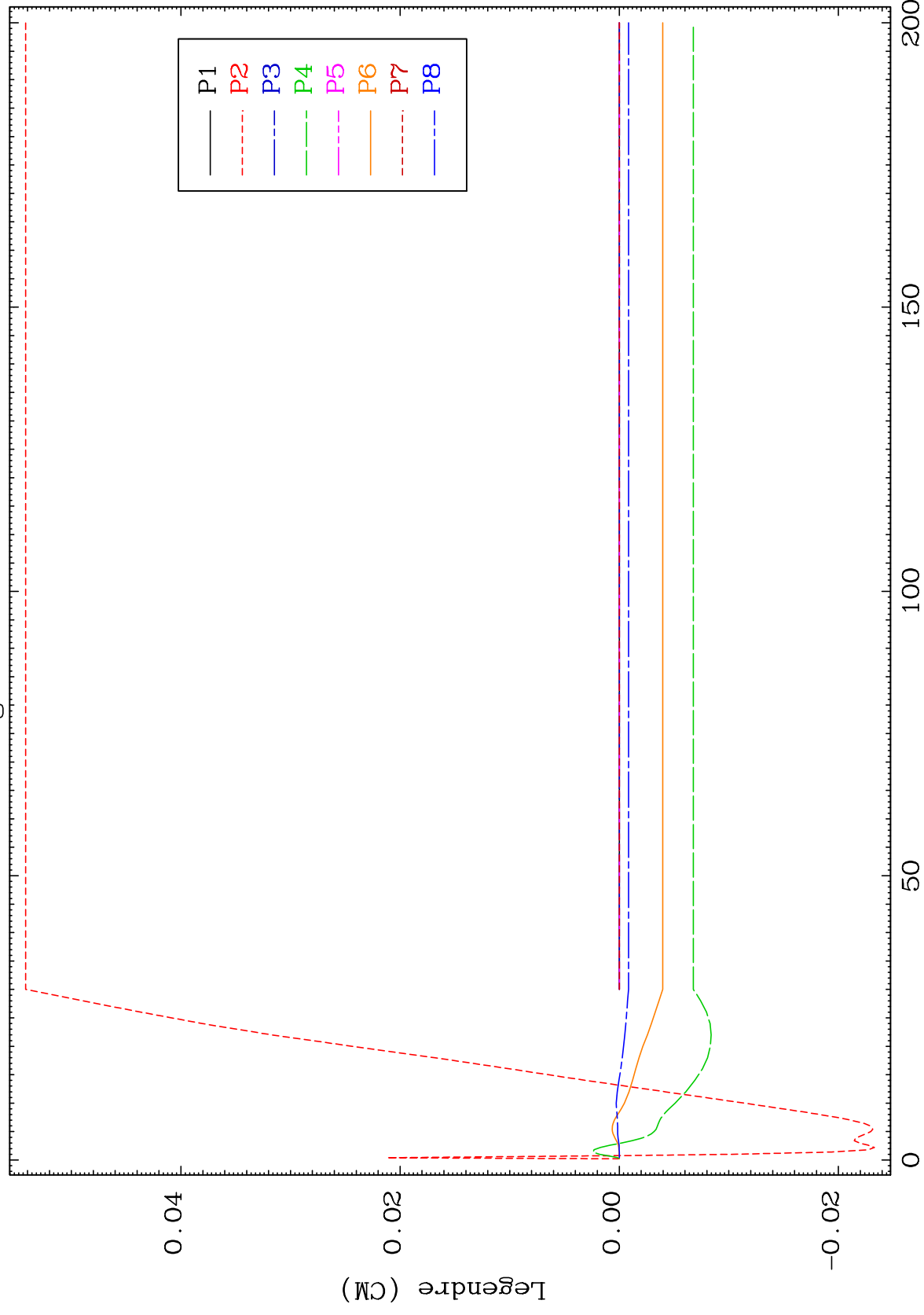




MAT 5480

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

55-Cs-118



23

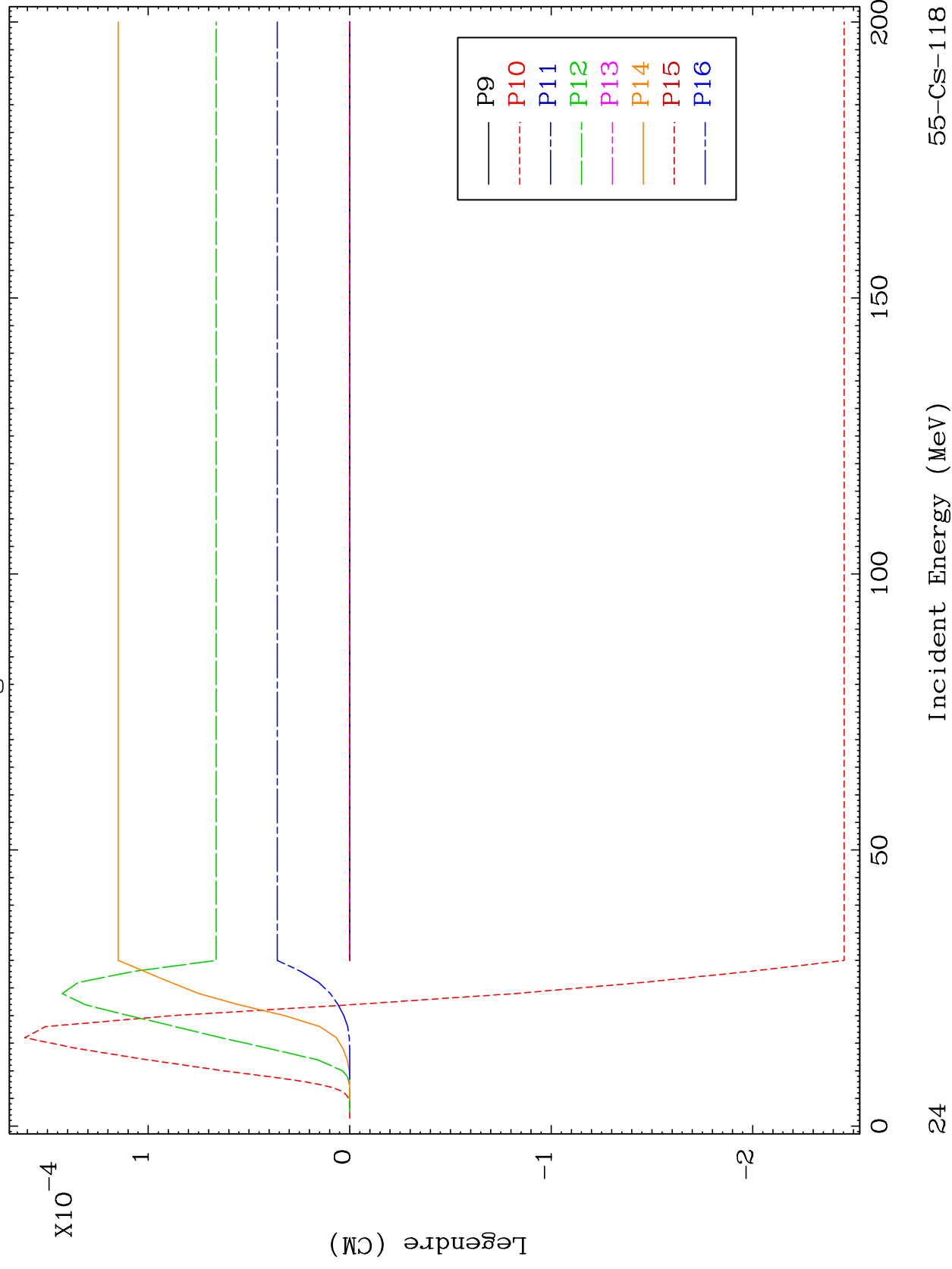
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



55-Cs-118

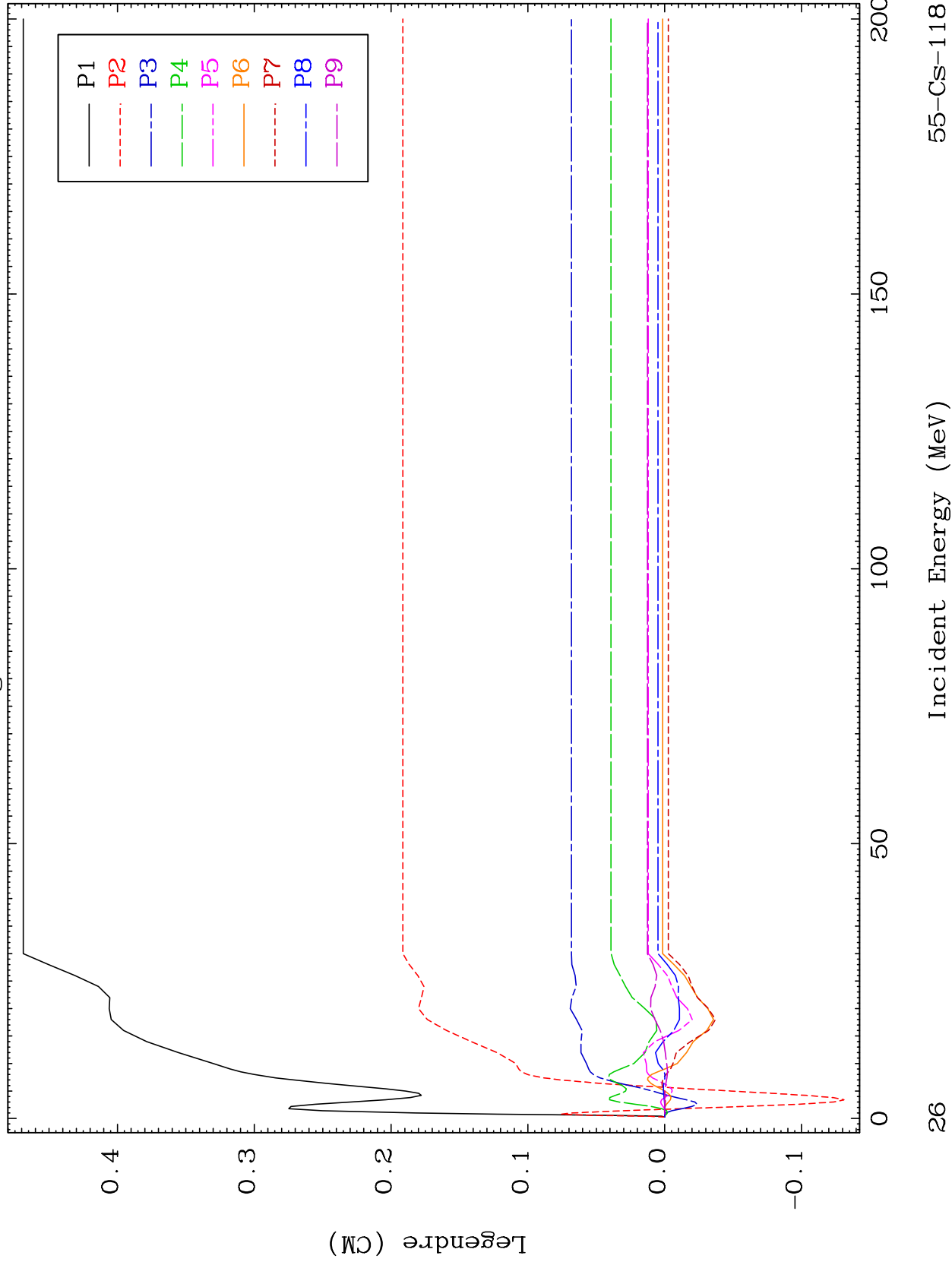
Incident Energy (MeV)

24

MAT 5480

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

55-Cs-118



55-Cs-118

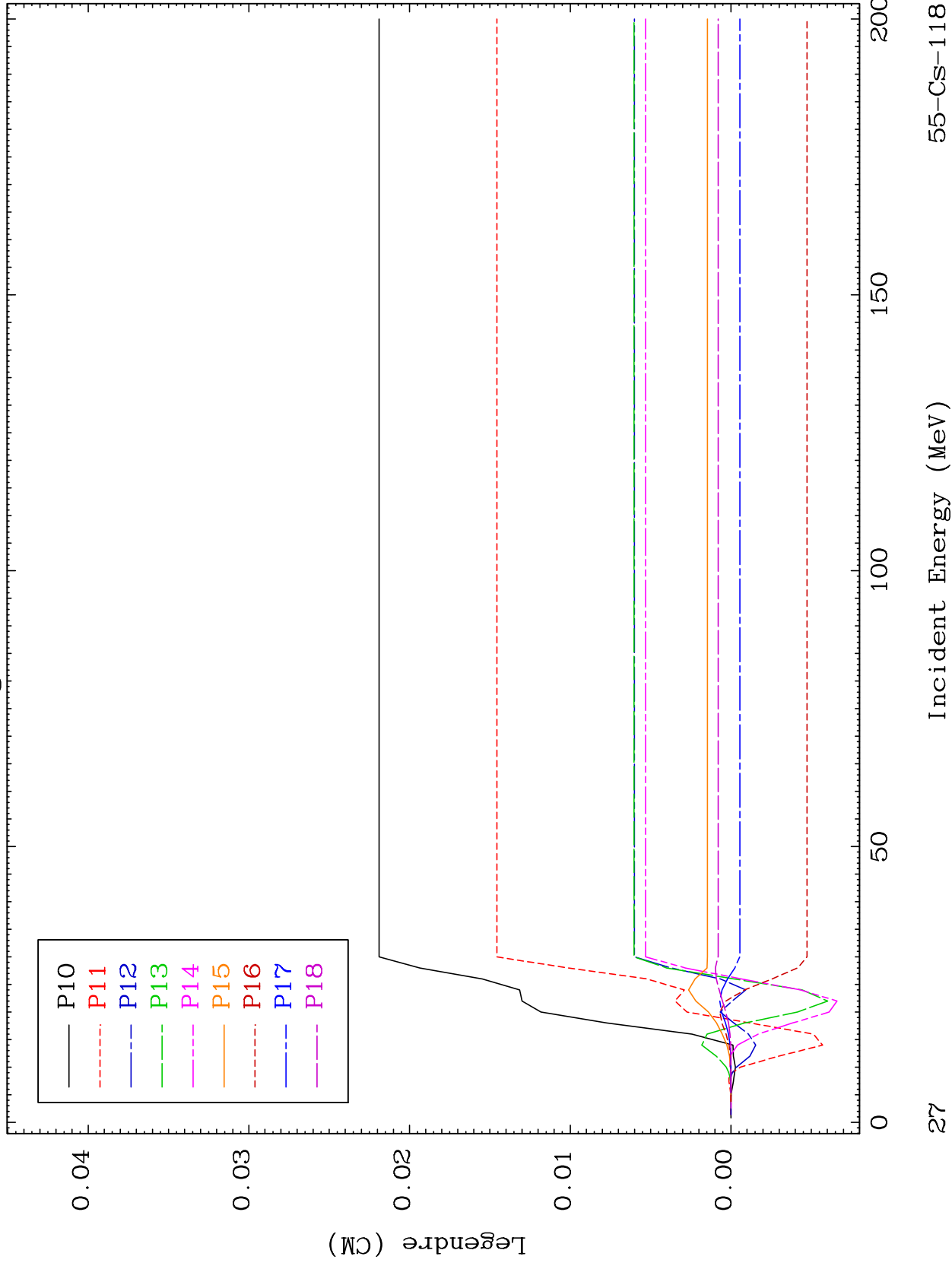
Incident Energy (MeV)

26

MAT 5480

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

55-Cs-118



27

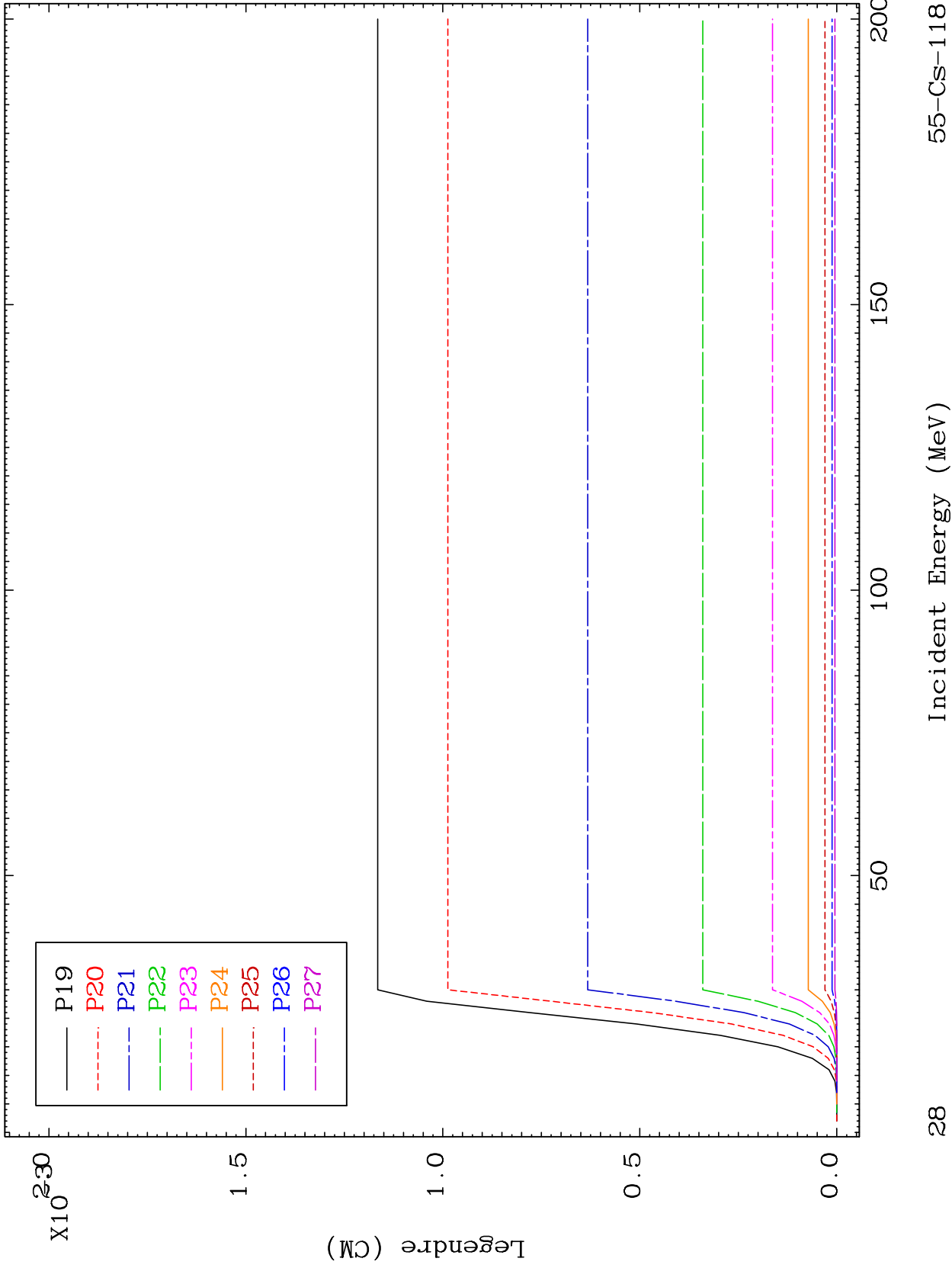
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

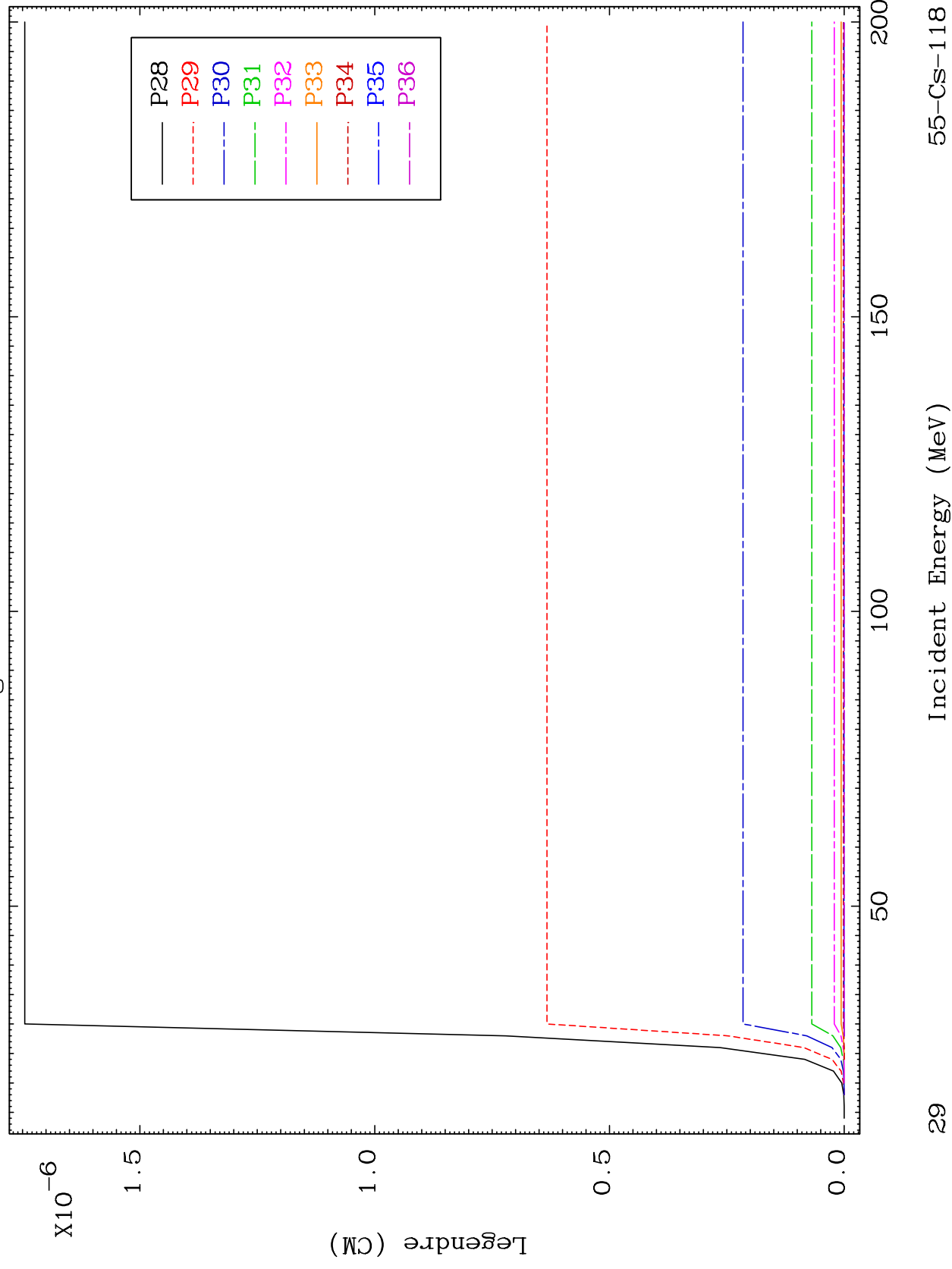
55-Cs-118



MAT 5480

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

55-Cs-118



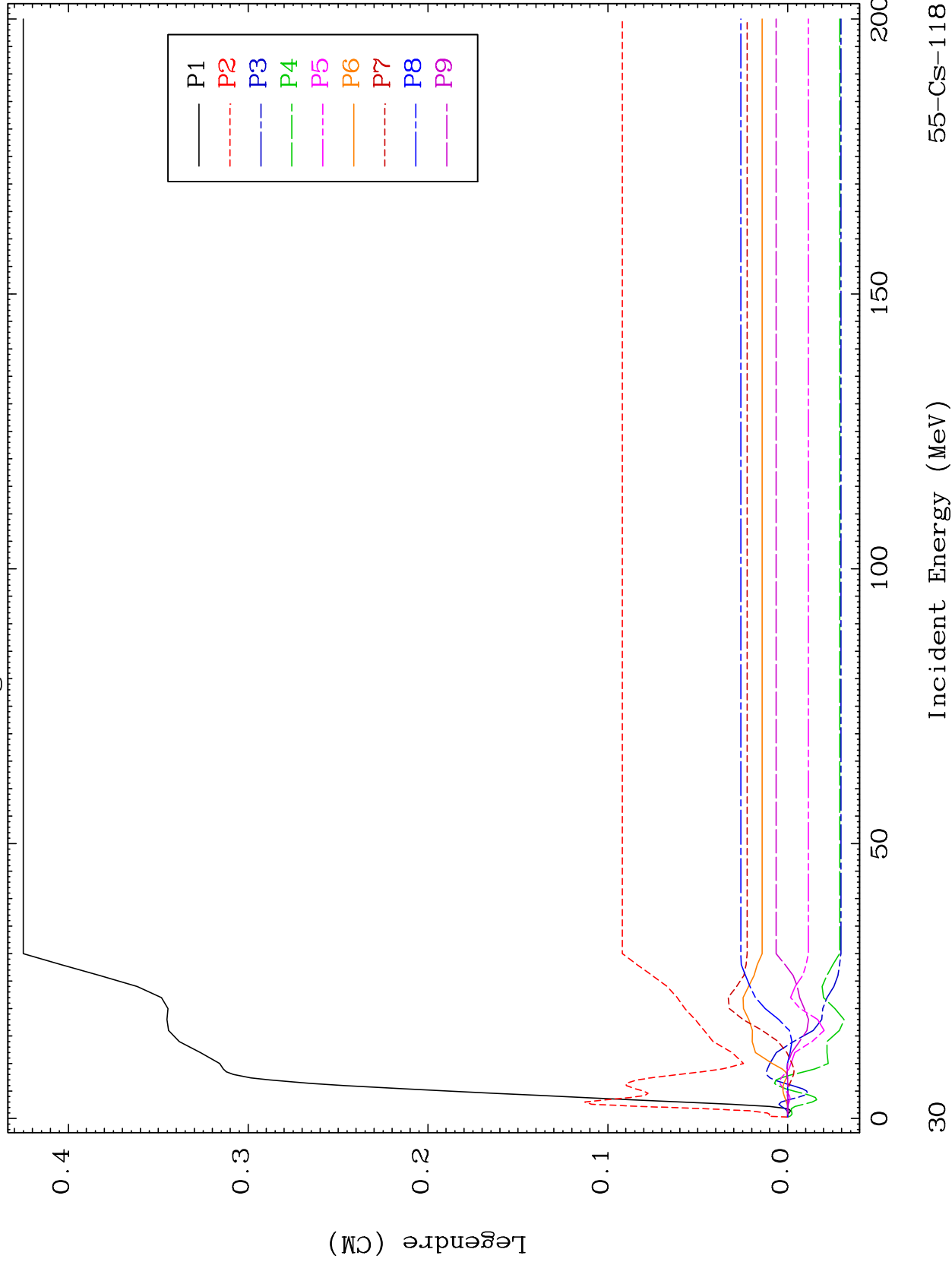
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55-Cs-118

MAT 5480

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

55-Cs-118



55-Cs-118

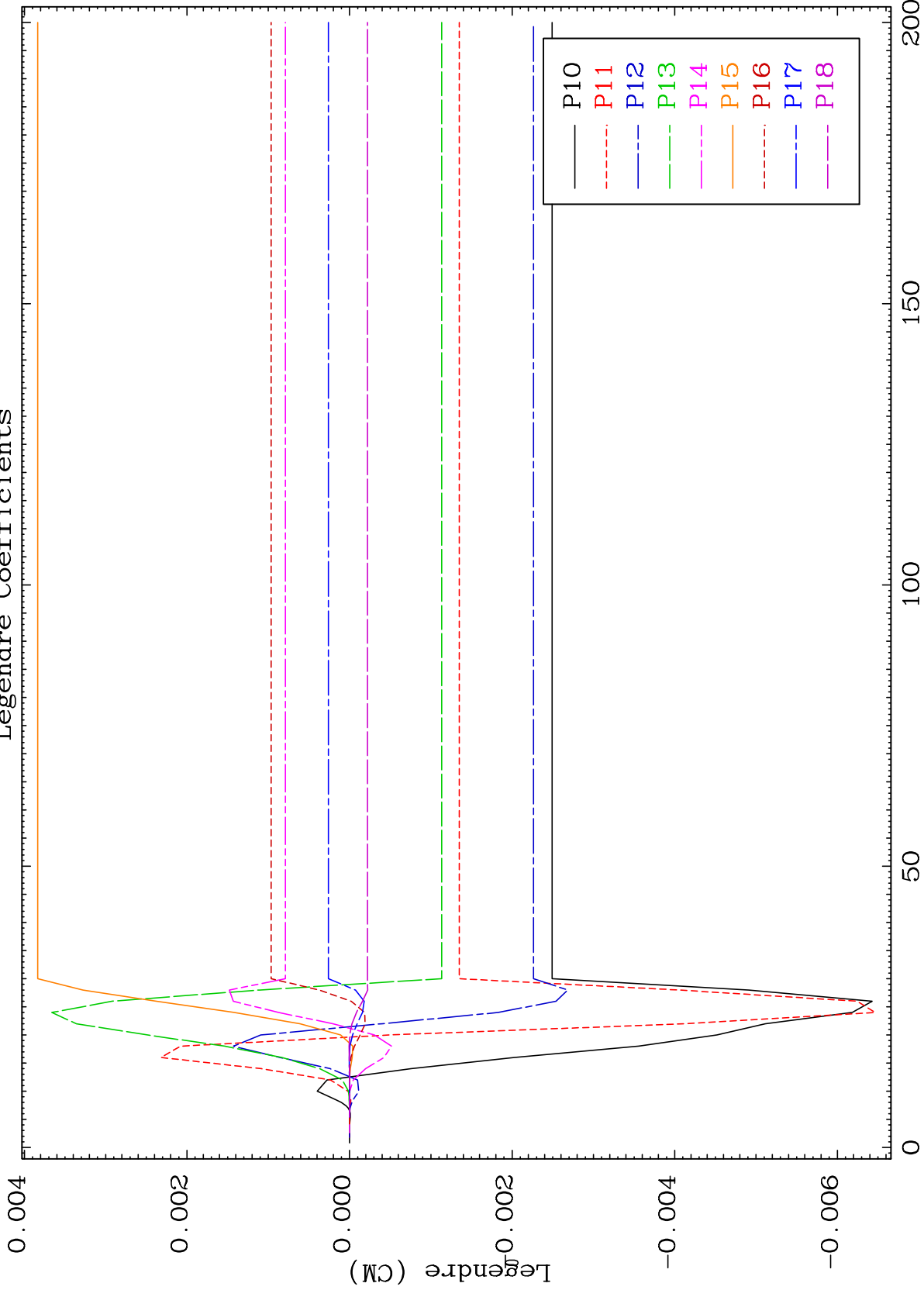
Incident Energy (MeV)

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MAT 5480

MT= 54 (n,n') Level
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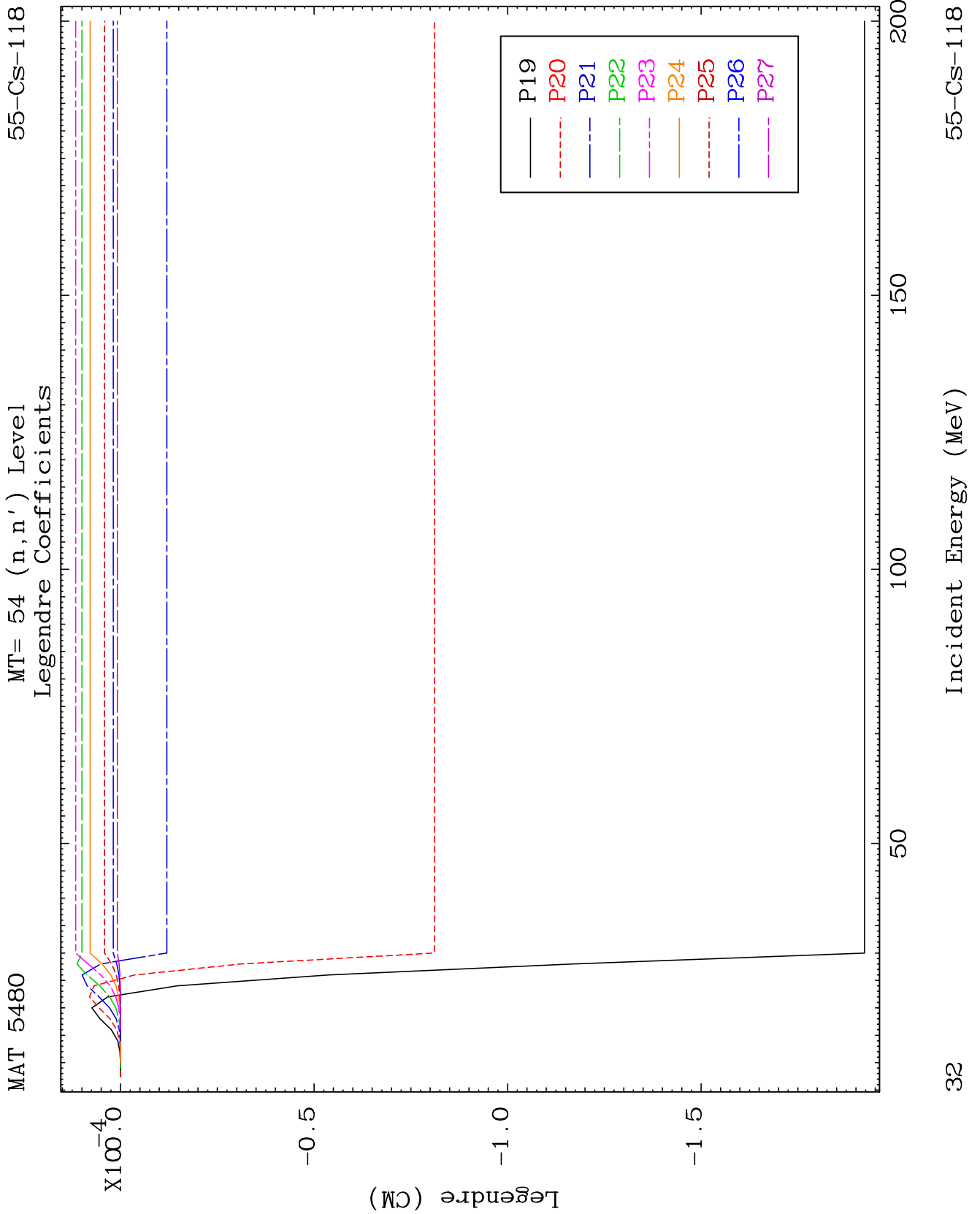
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31

Incident Energy (MeV)

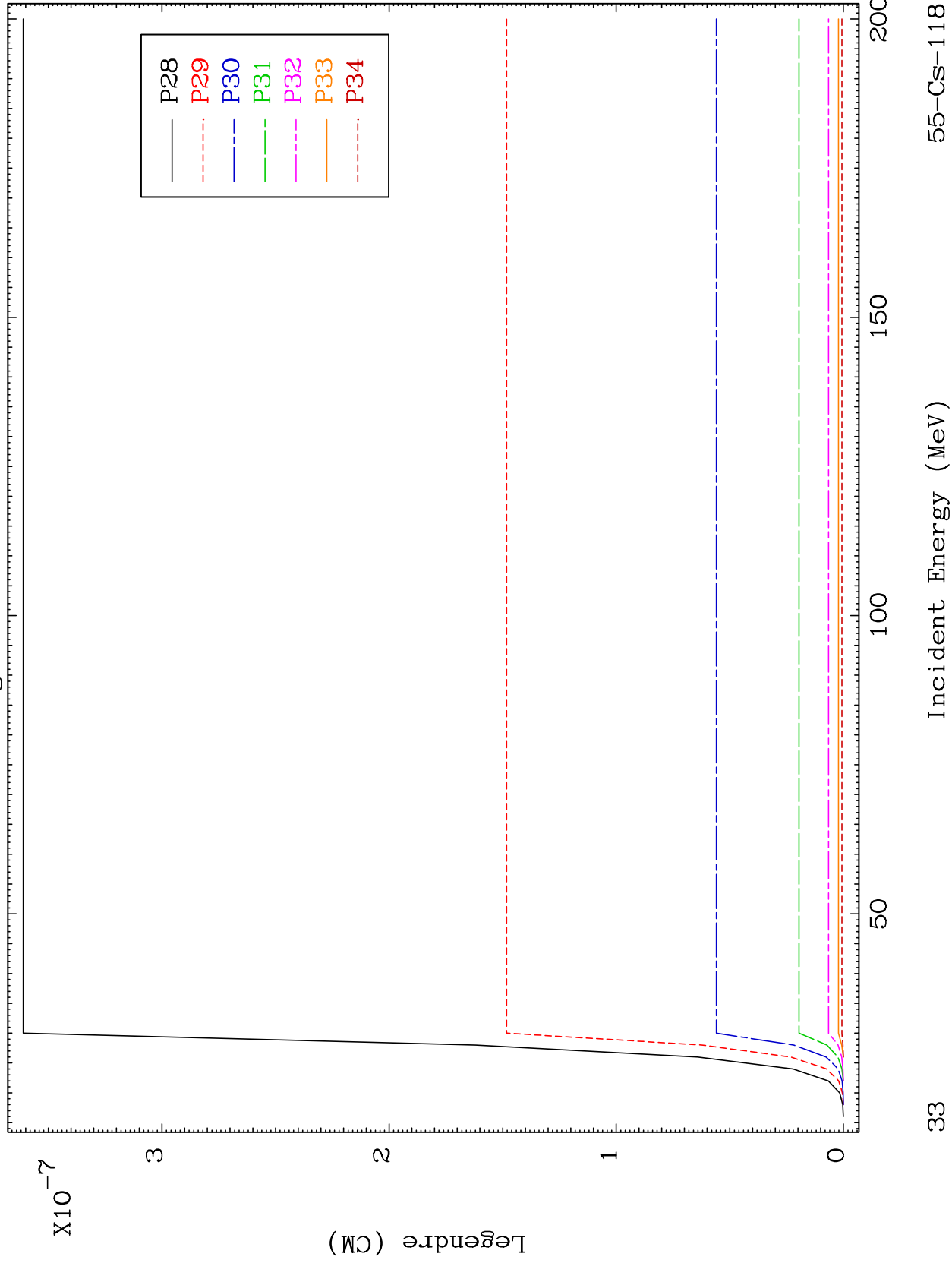
55-Cs-118



MAT 5480

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

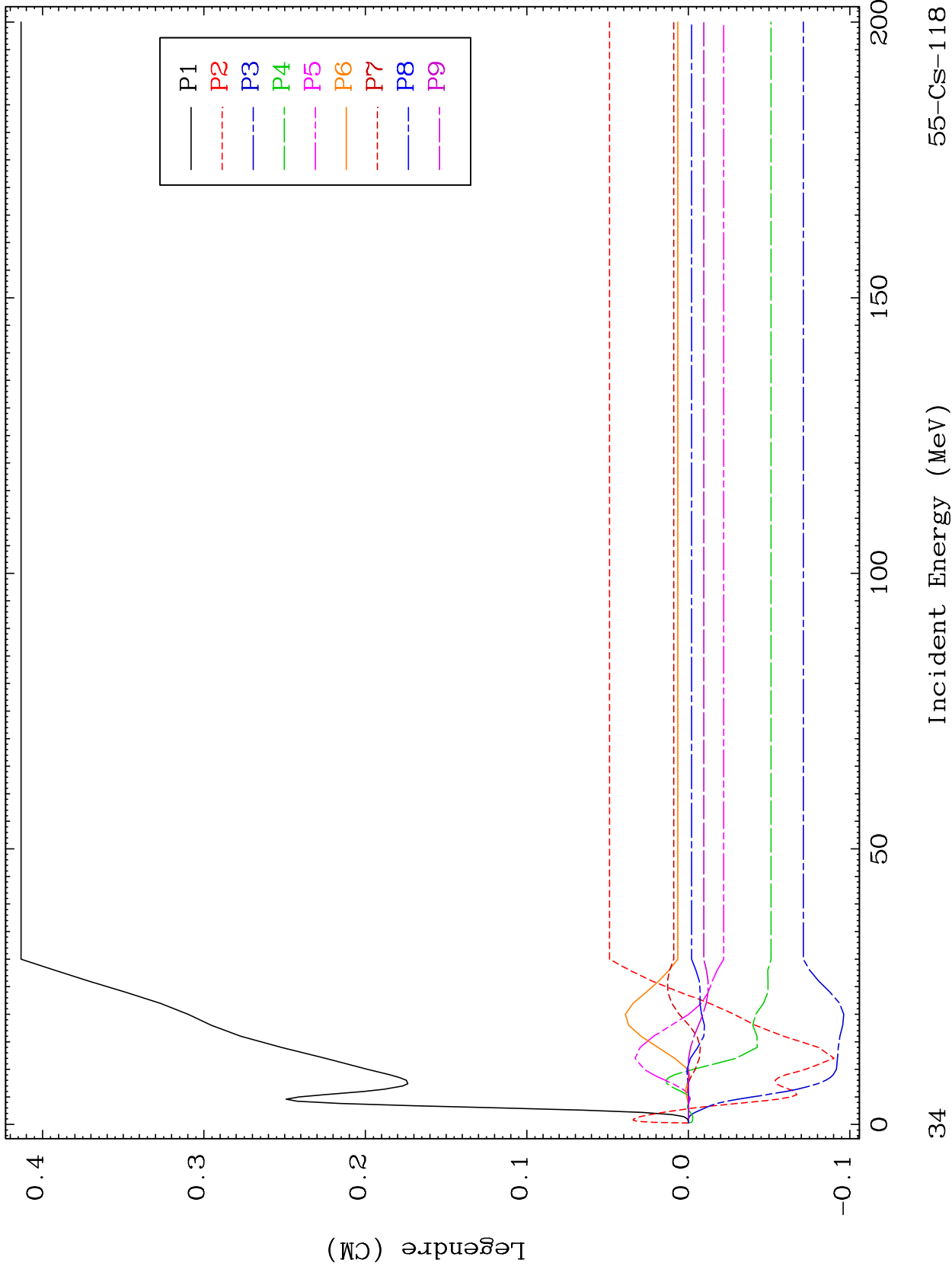
55-Cs-118



MAT 5480

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

55-Cs-118

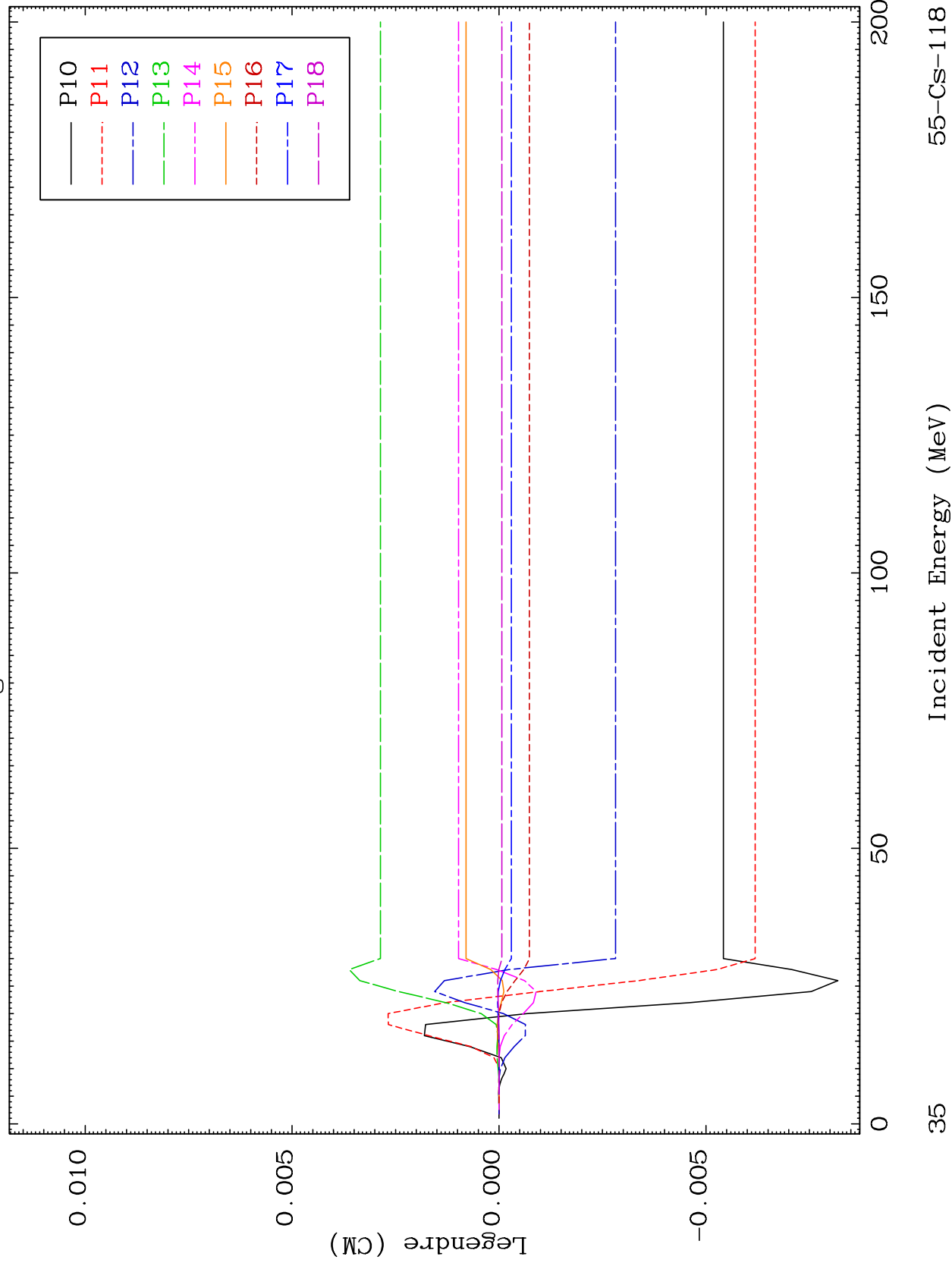


34

MAT 5480

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

55-Cs-118



55-Cs-118

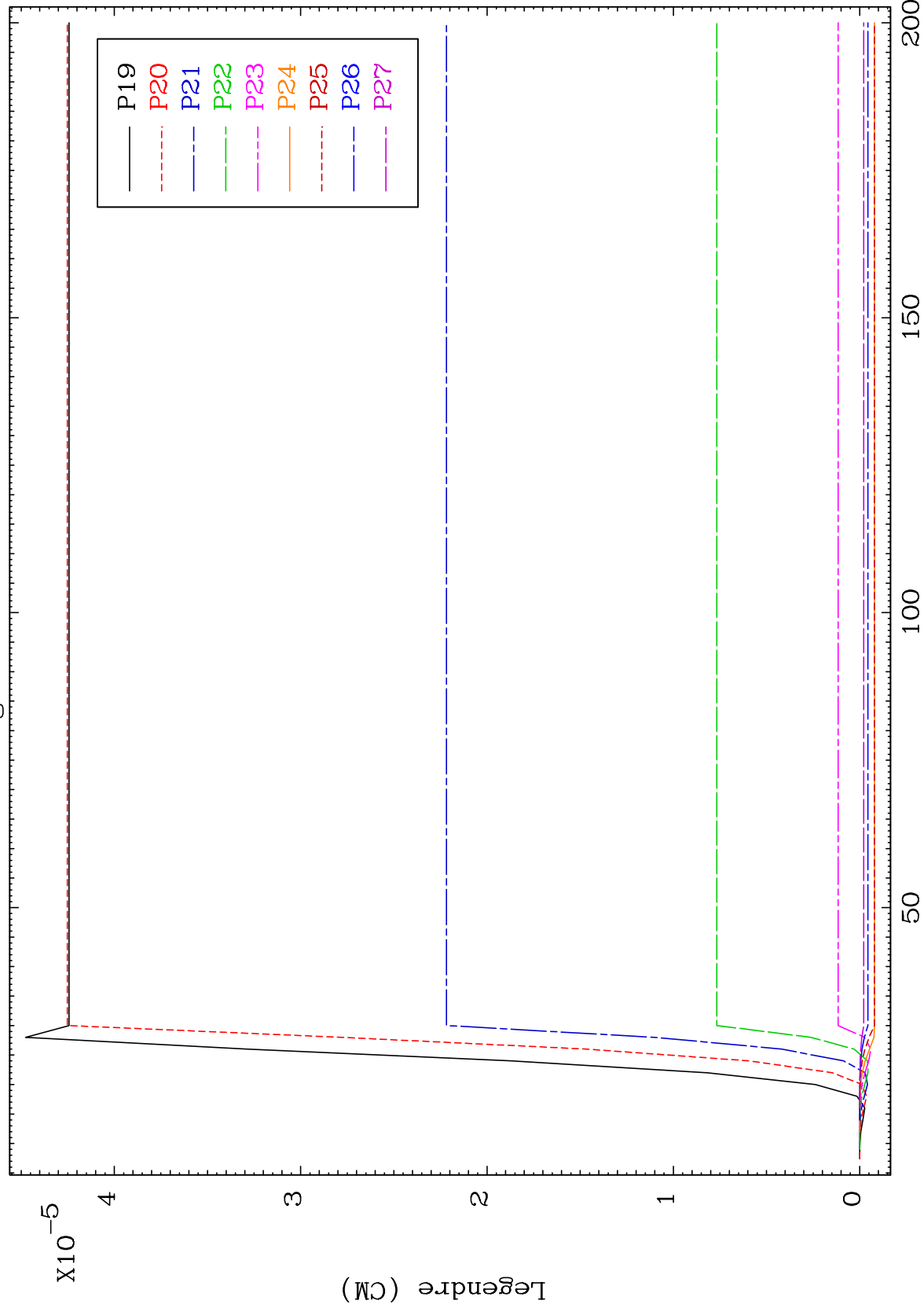
Incident Energy (MeV)

35

MAT 5480

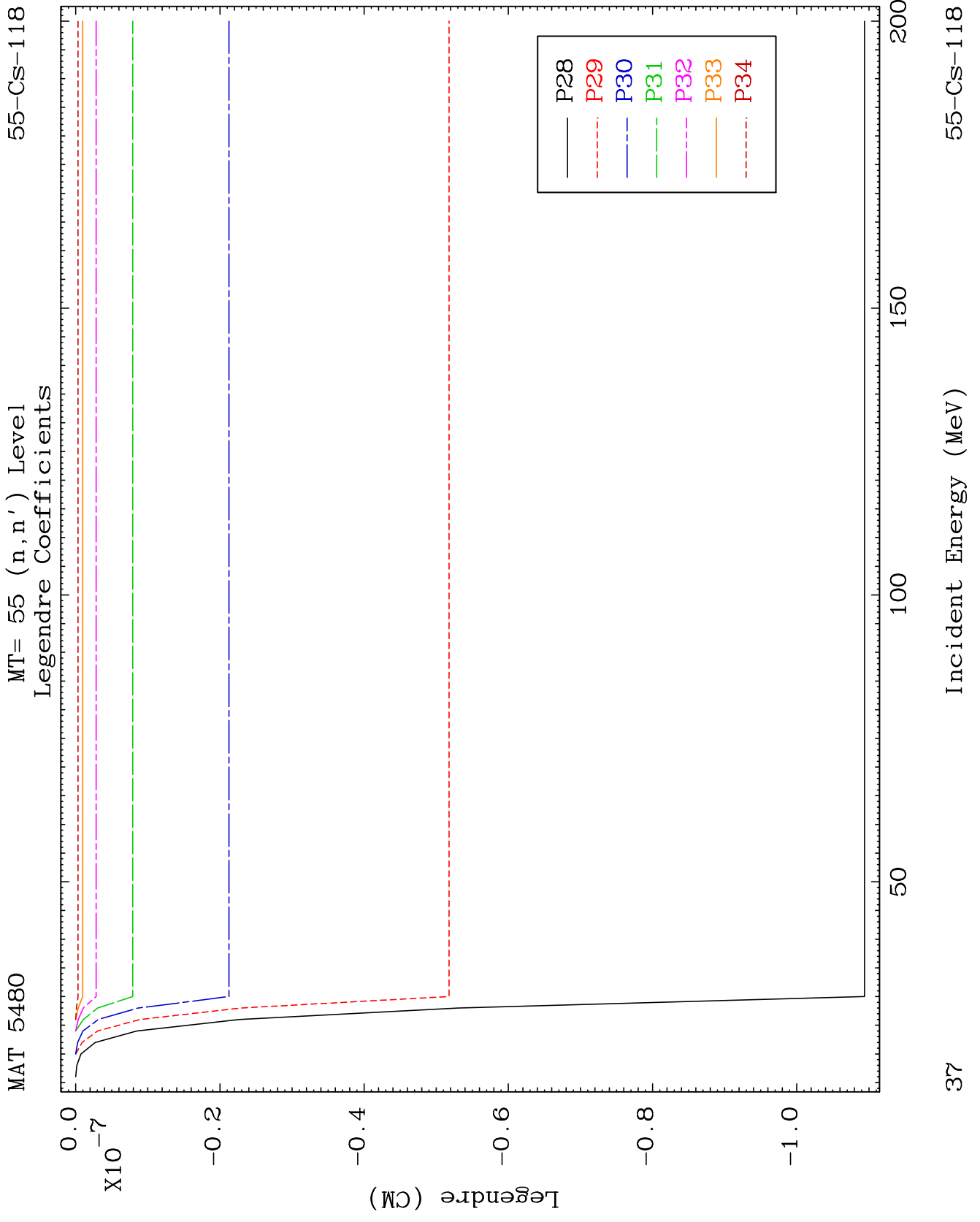
MT= 55 (n,n') Level
Legendre Coefficients

55-Cs-118



36

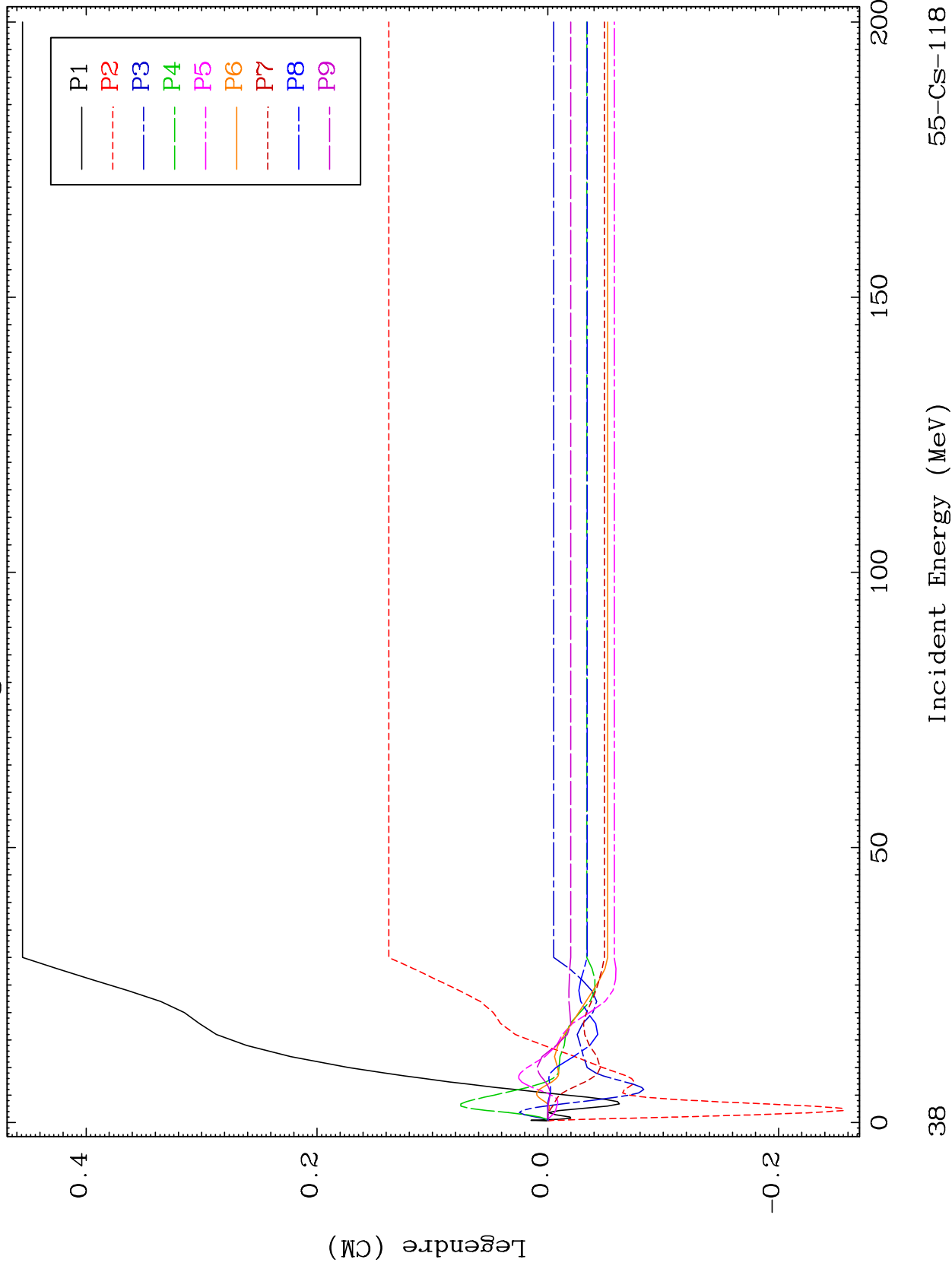
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MAT 5480

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

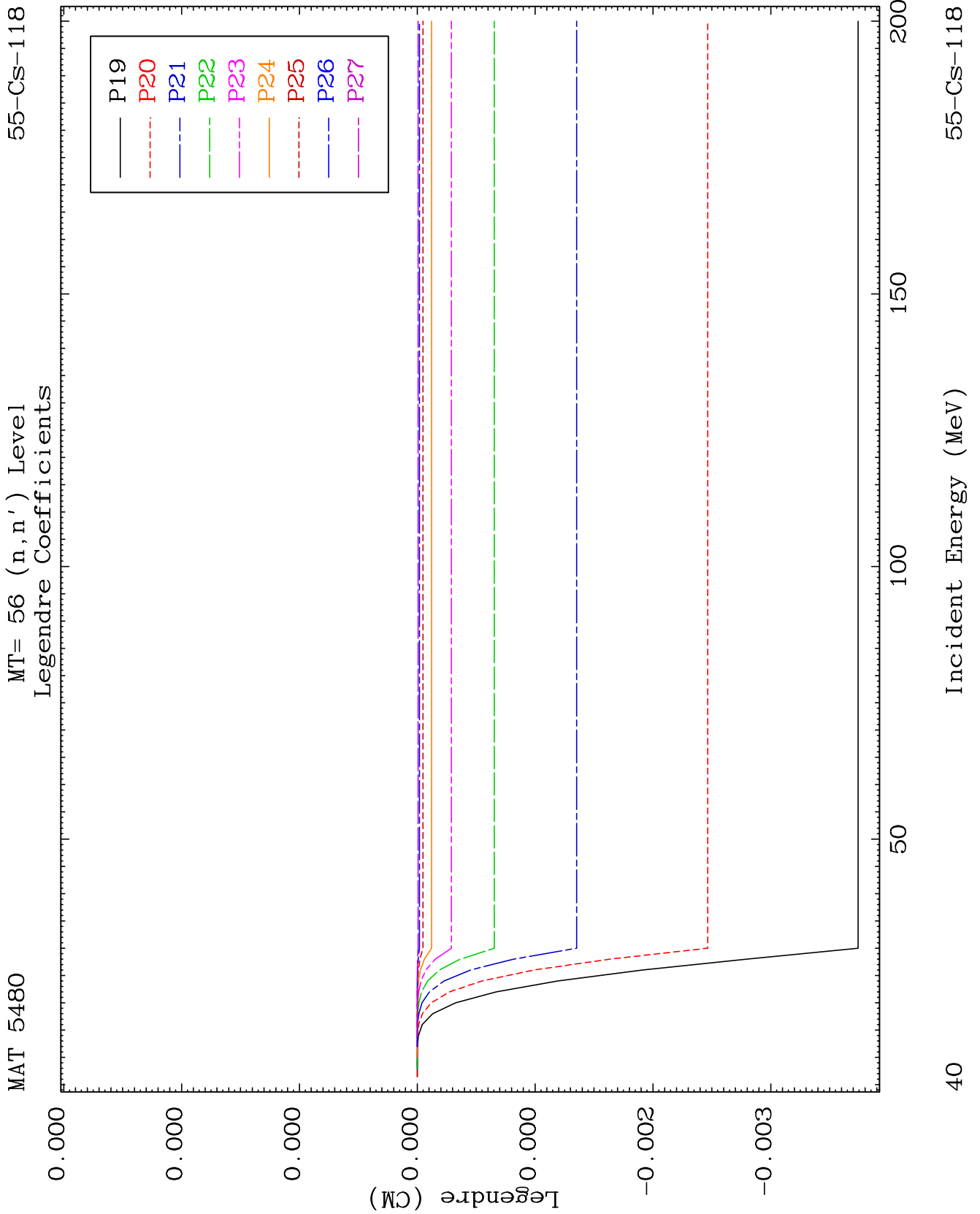
55-Cs-118



55-Cs-118

Incident Energy (MeV)

38

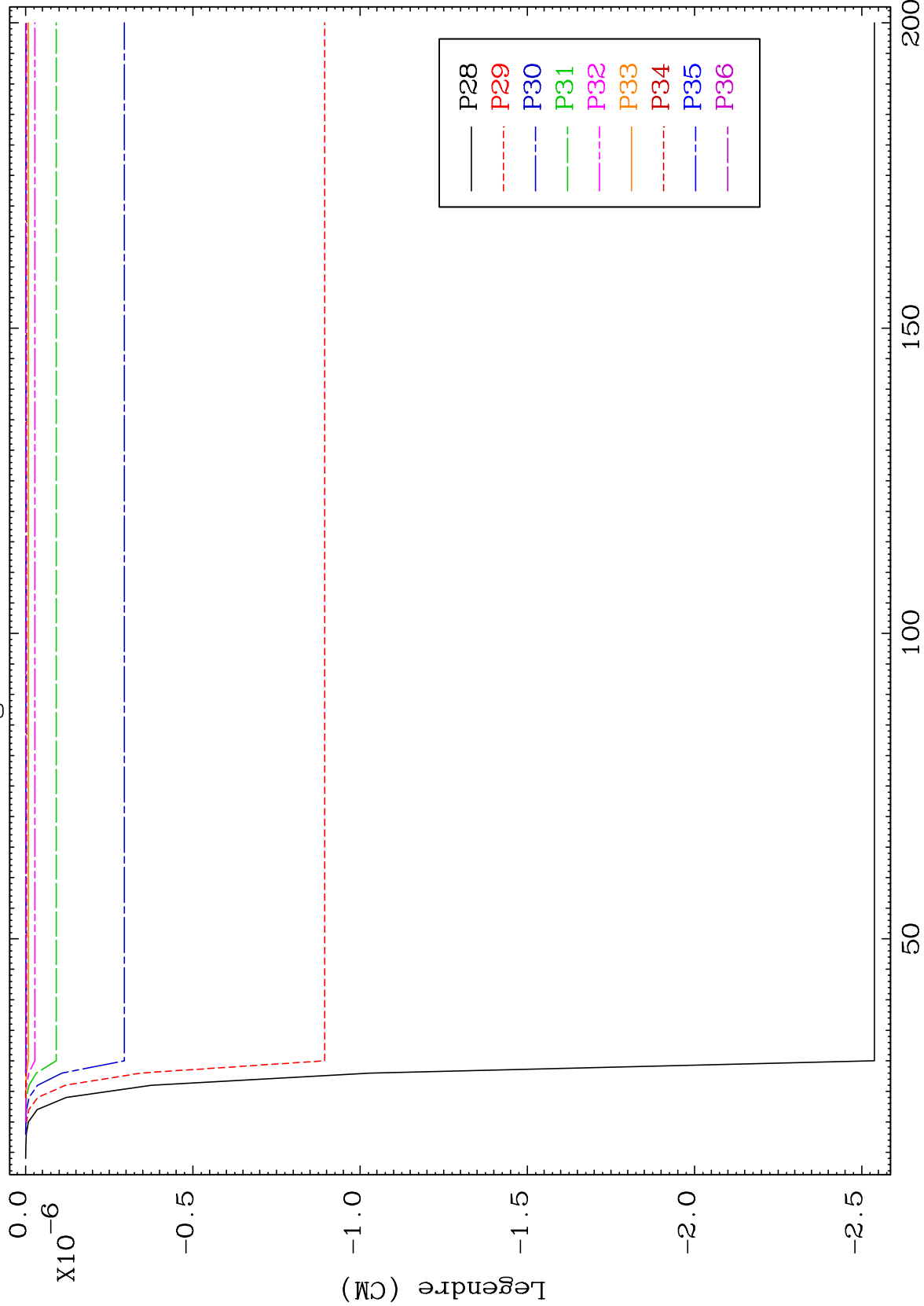


MAT 5480

MT= 56 (n,n') Level

55-Cs-118

Legendre Coefficients



55-Cs-118

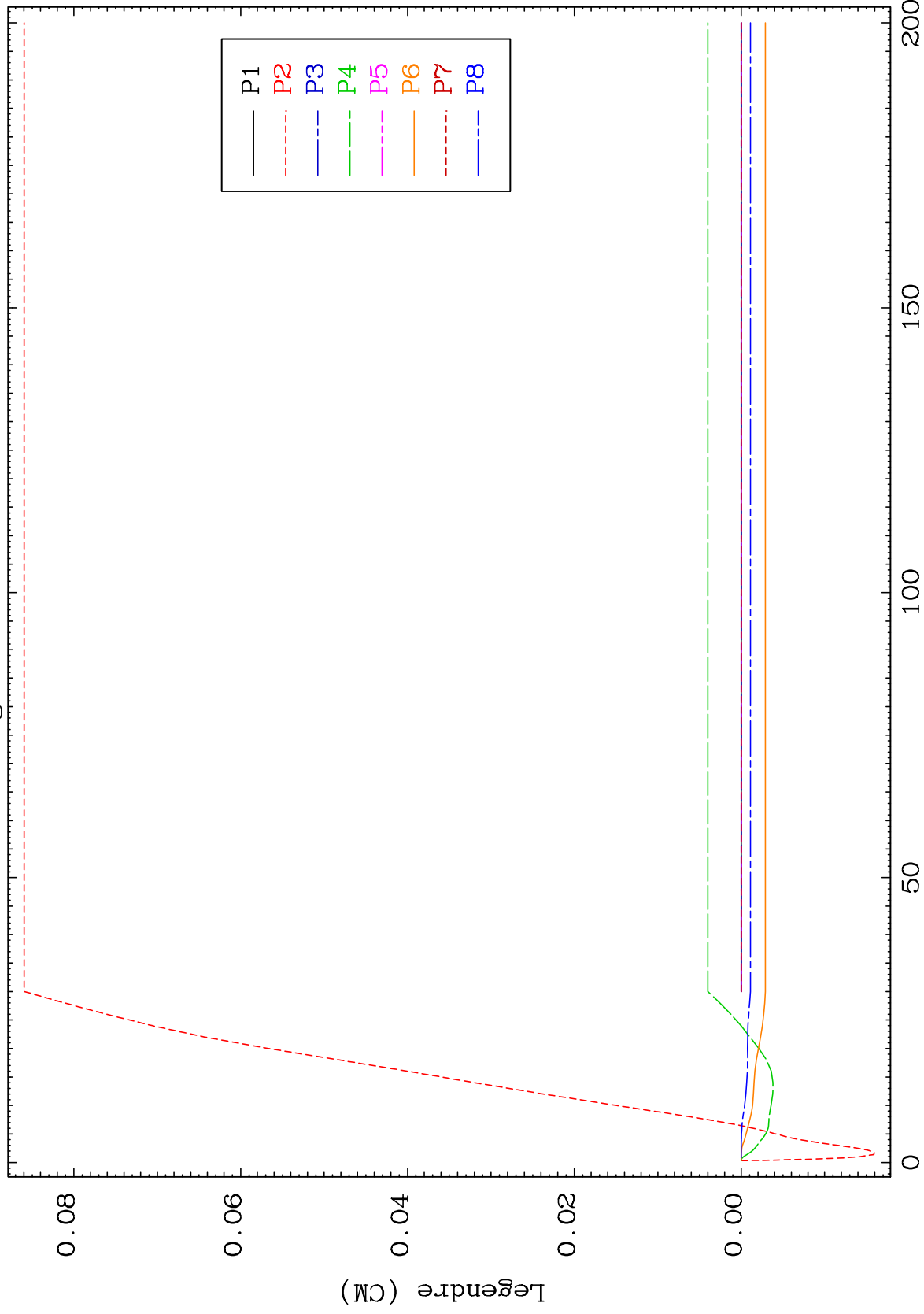
Incident Energy (MeV)

41

MAT 5480

MT= 57 (n,n') Level
Legendre Coefficients

55-Cs-118



55-Cs-118

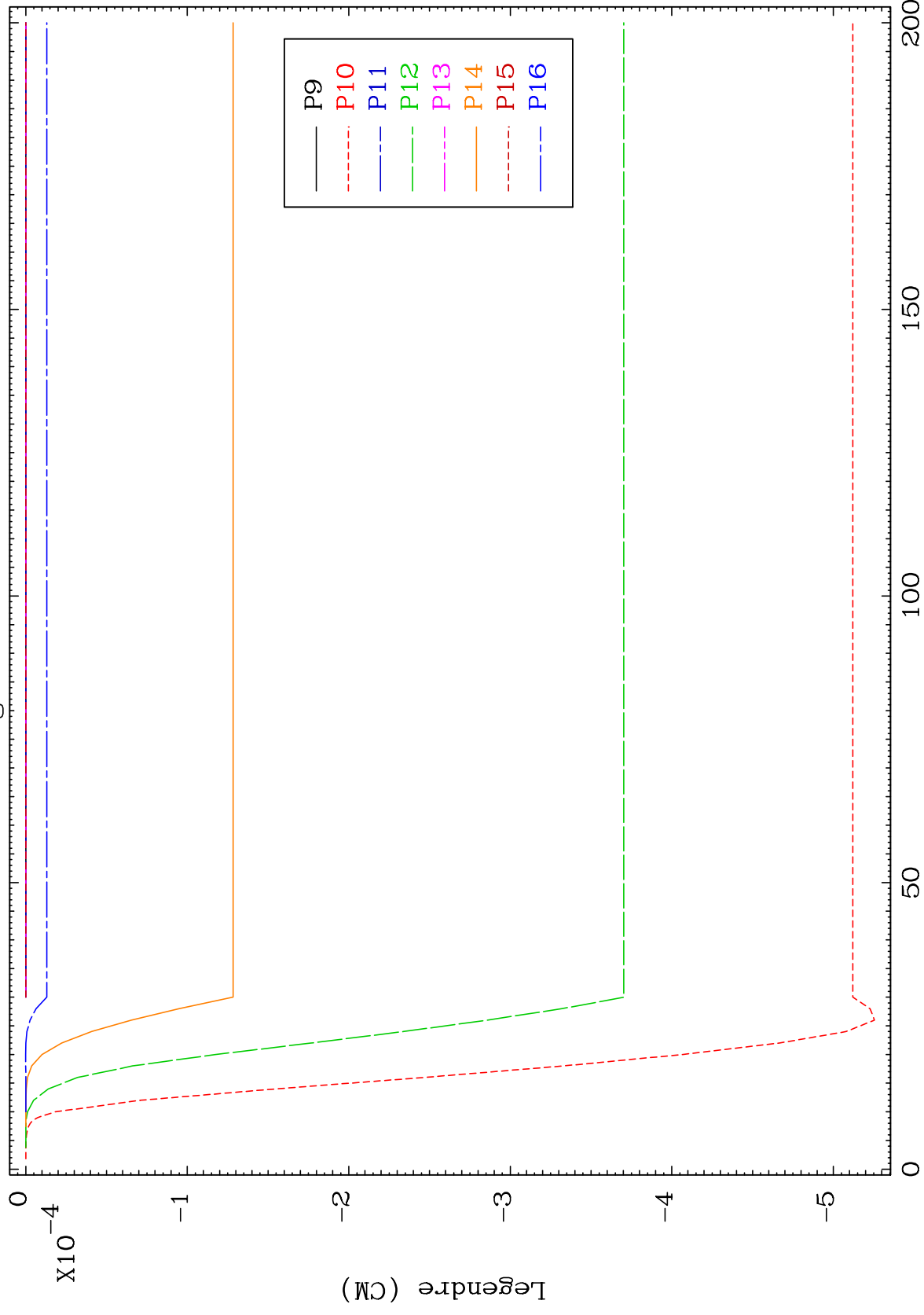
Incident Energy (MeV)

42

MAT 5480

MT= 57 (n,n') Level
Legendre Coefficients

55-Cs-118



43

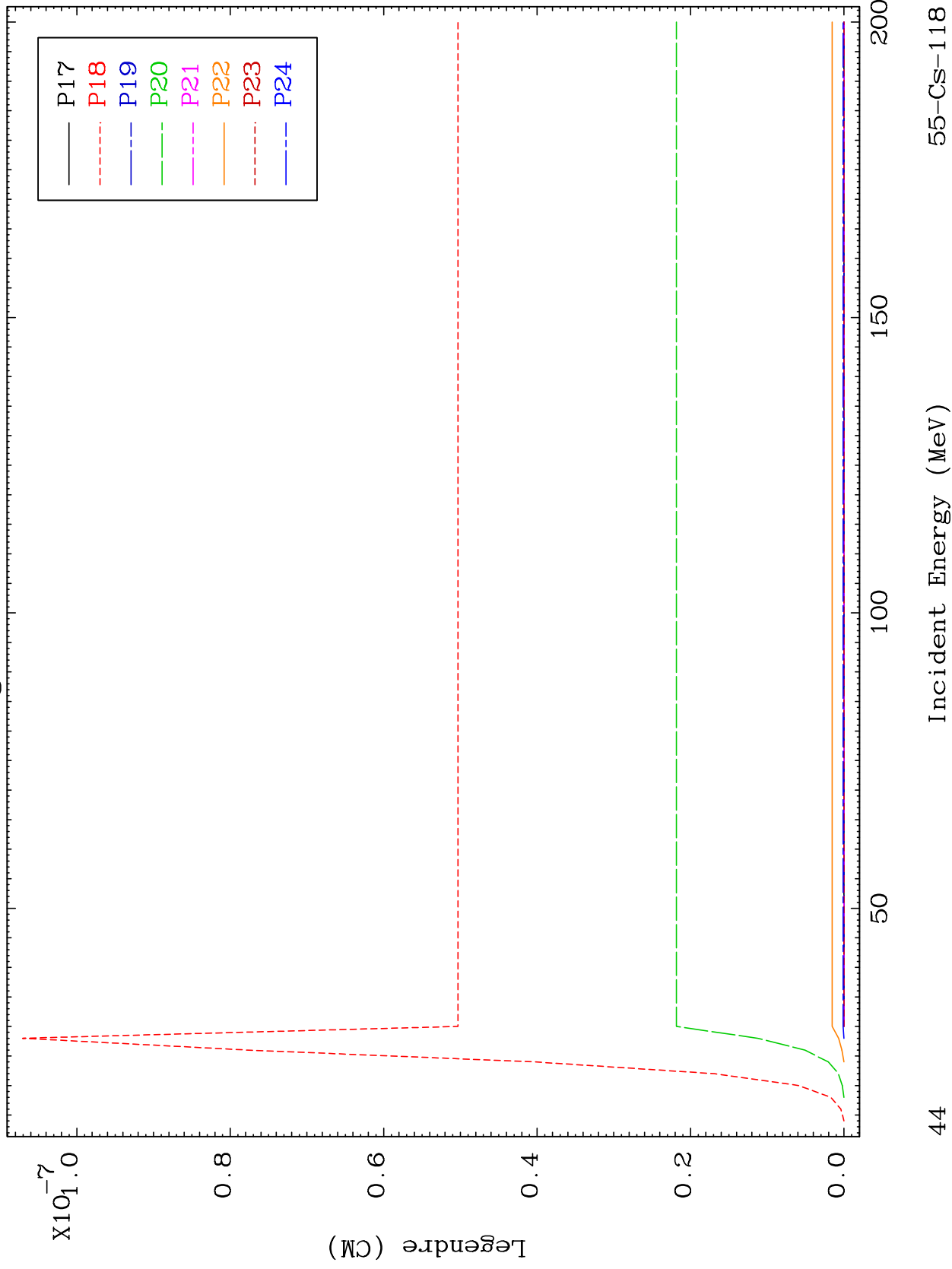
Incident Energy (MeV)

55-Cs-118

MAT 5480

MT= 57 (n,n') Level
Legendre Coefficients

55-Cs-118



44

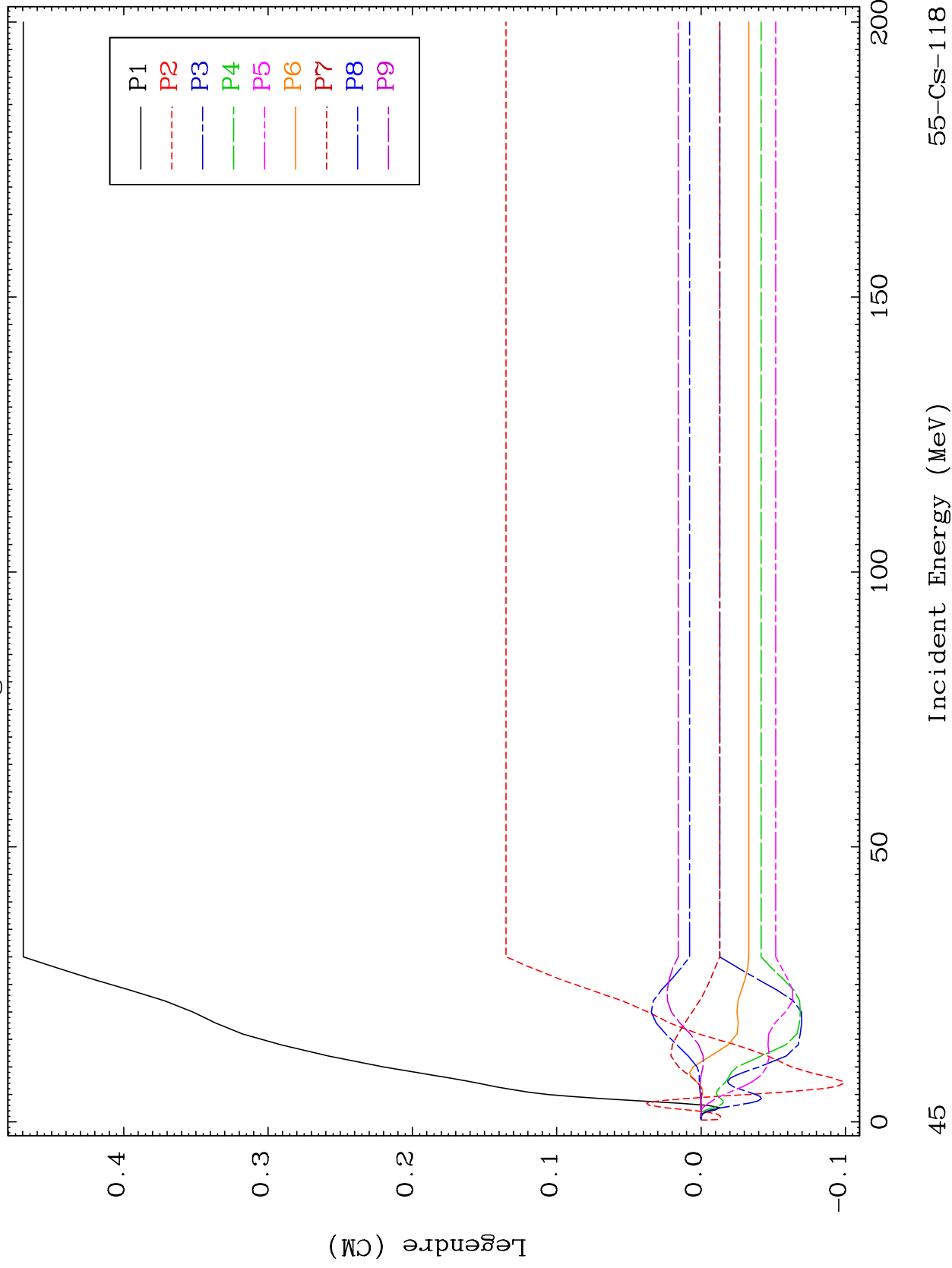
Incident Energy (MeV)

55-Cs-118

MAT 5480

MT= 58 (n,n') Level
Legendre Coefficients

55-Cs-118



55-Cs-118

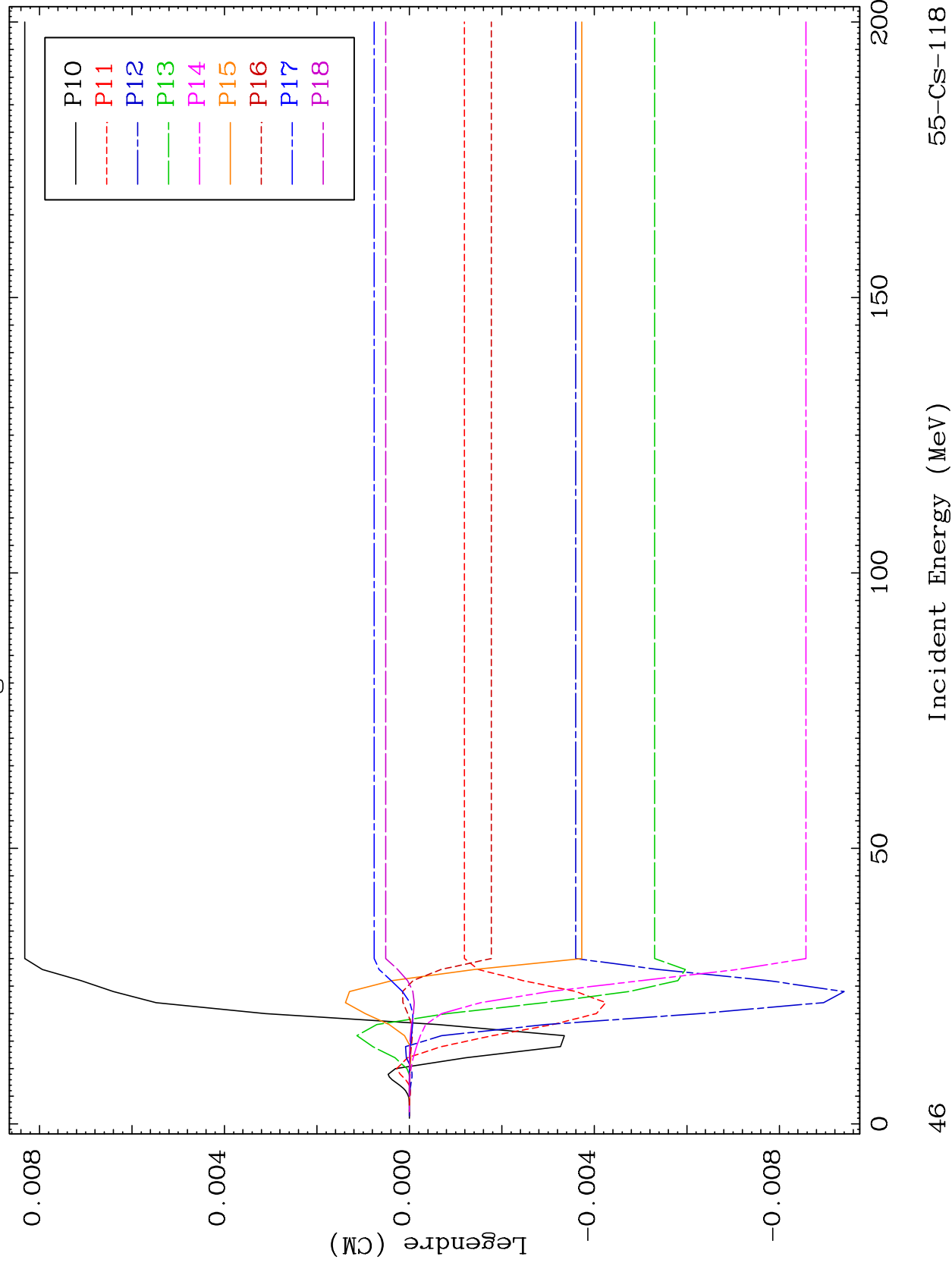
Incident Energy (MeV)

45

MAT 5480

MT= 58 (n,n') Level
Legendre Coefficients

55-Cs-118



55-Cs-118

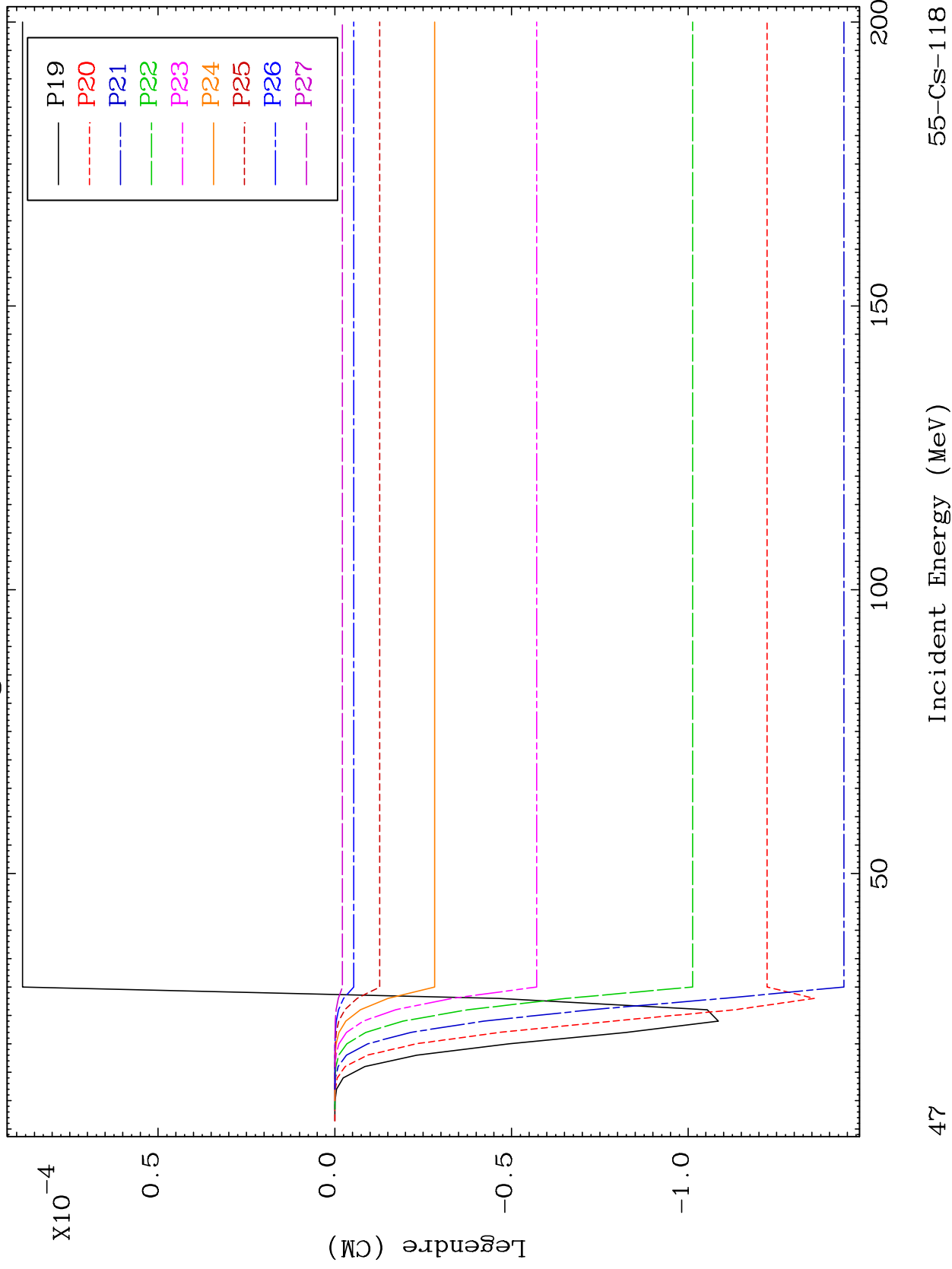
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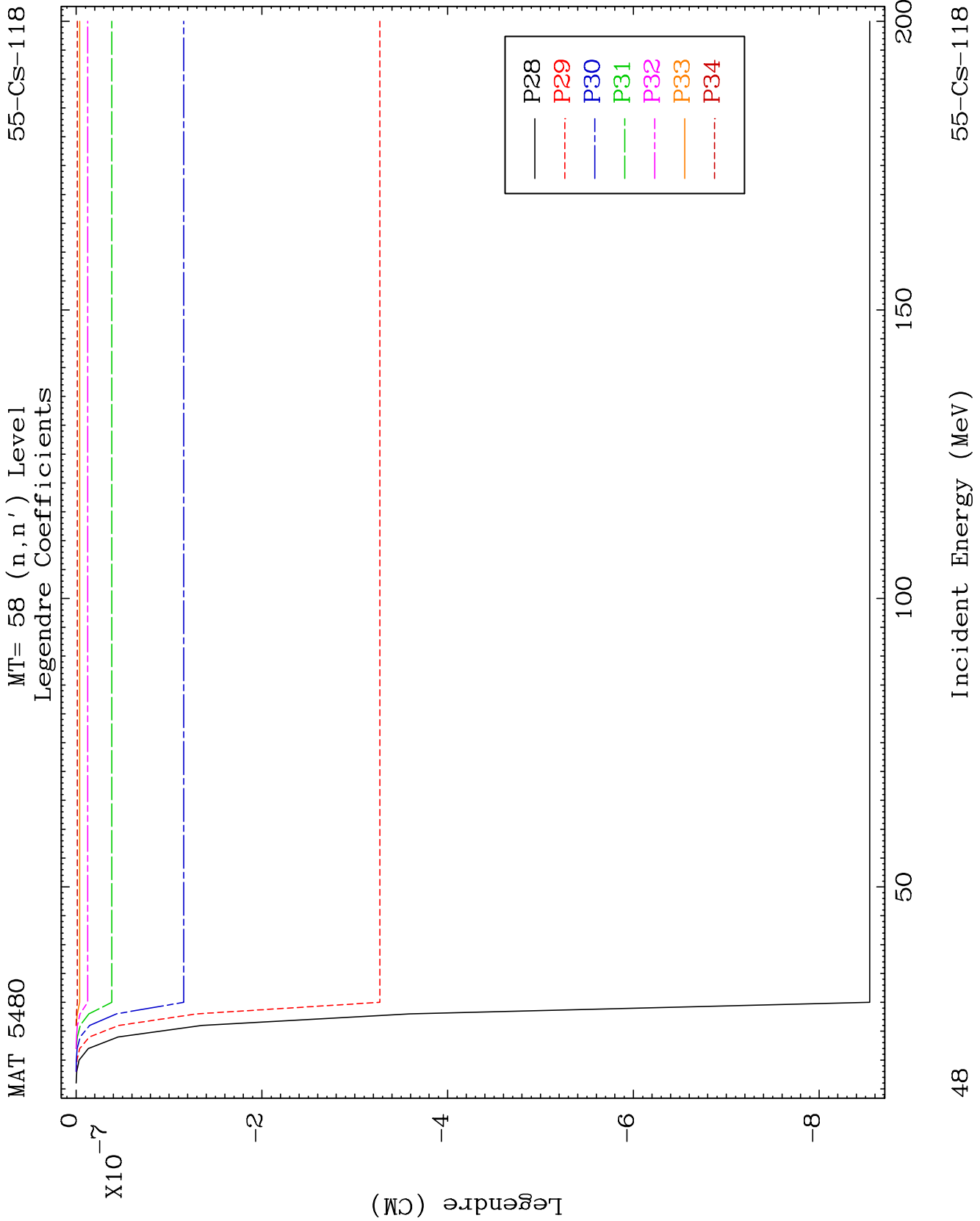
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MAT 5480

MT= 58 (n,n') Level
Legendre Coefficients

55-Cs-118

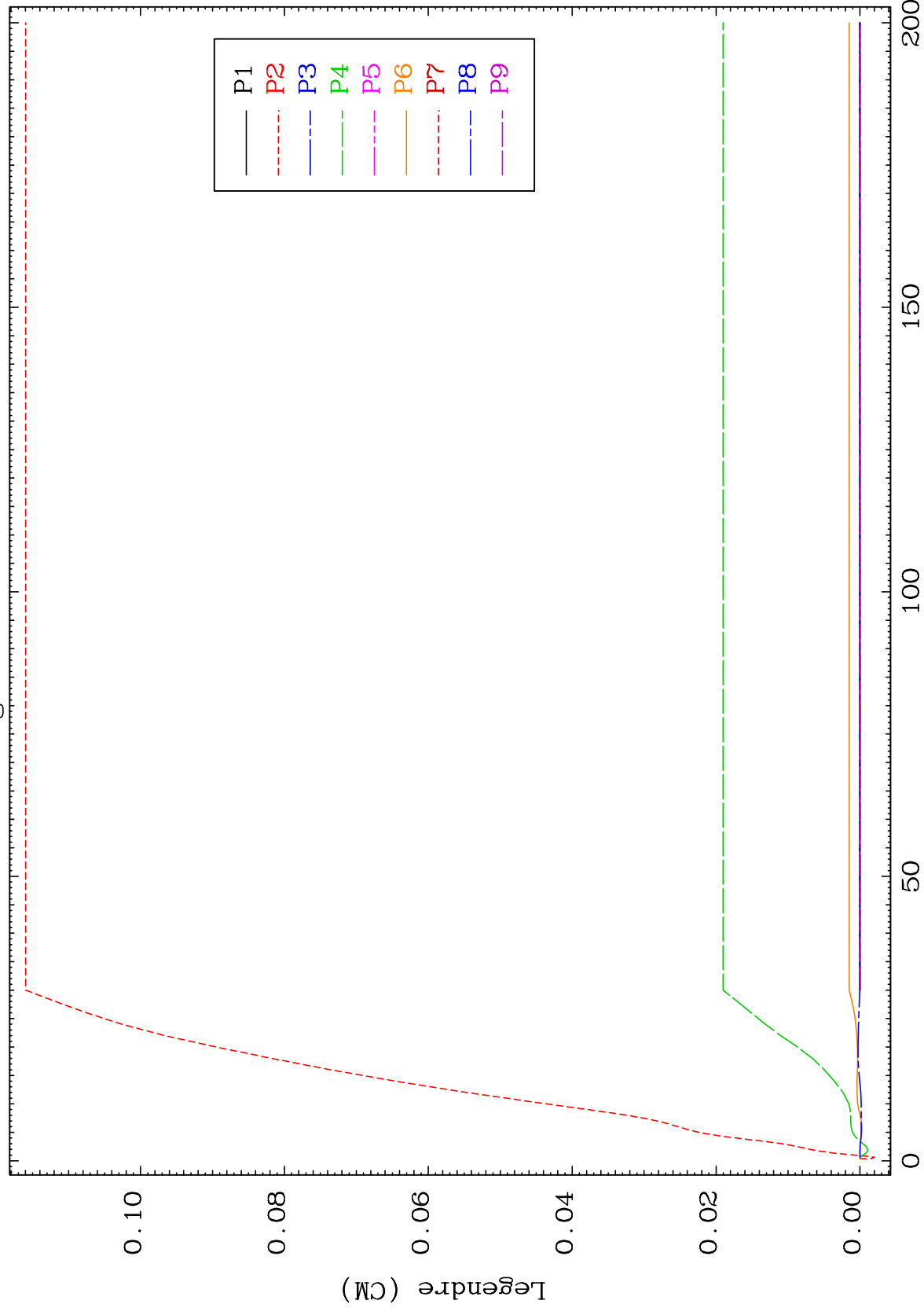




MAT 5480

MT= 59 (n,n') Level
Legendre Coefficients

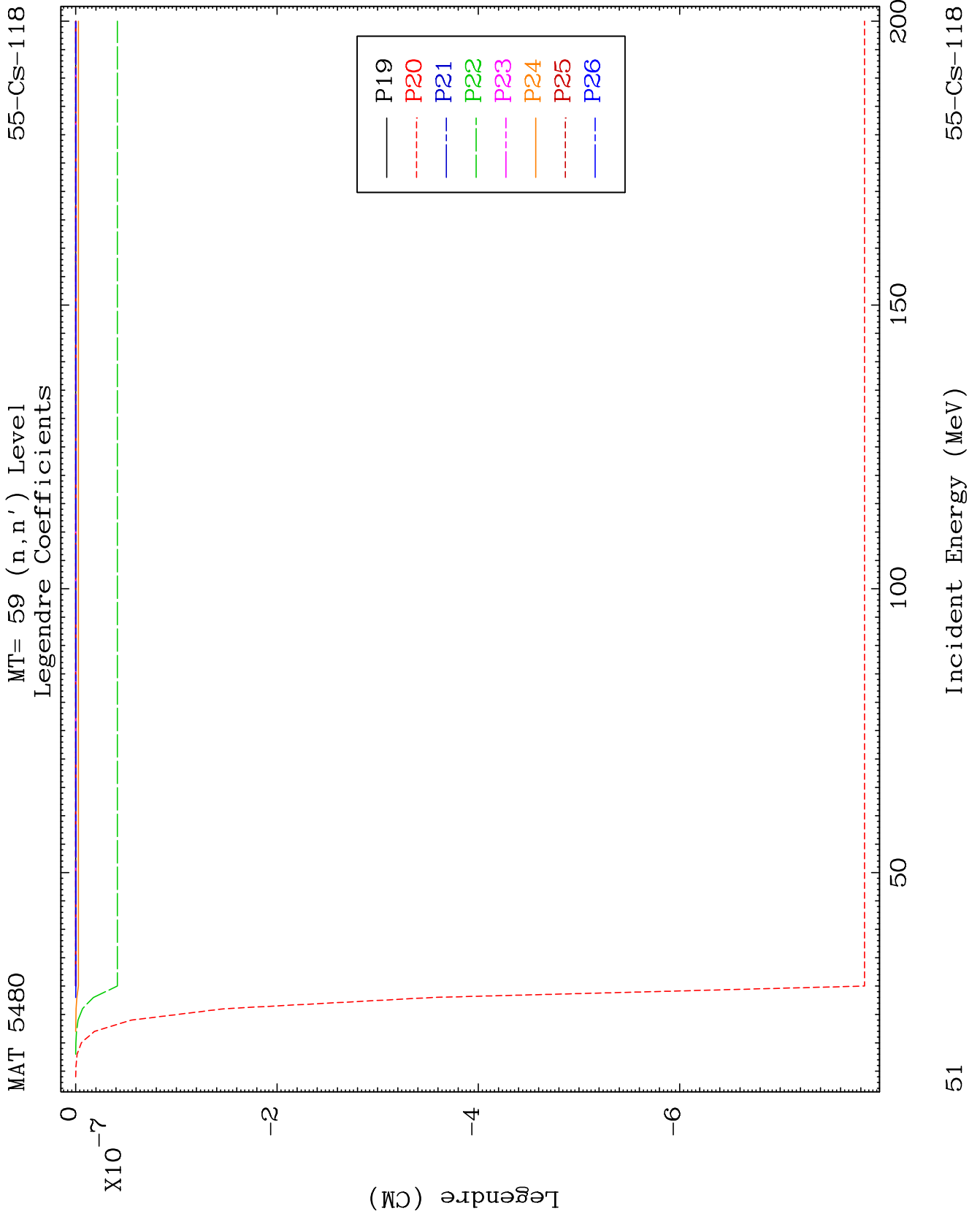
55-Cs-118



55-Cs-118

Incident Energy (MeV)

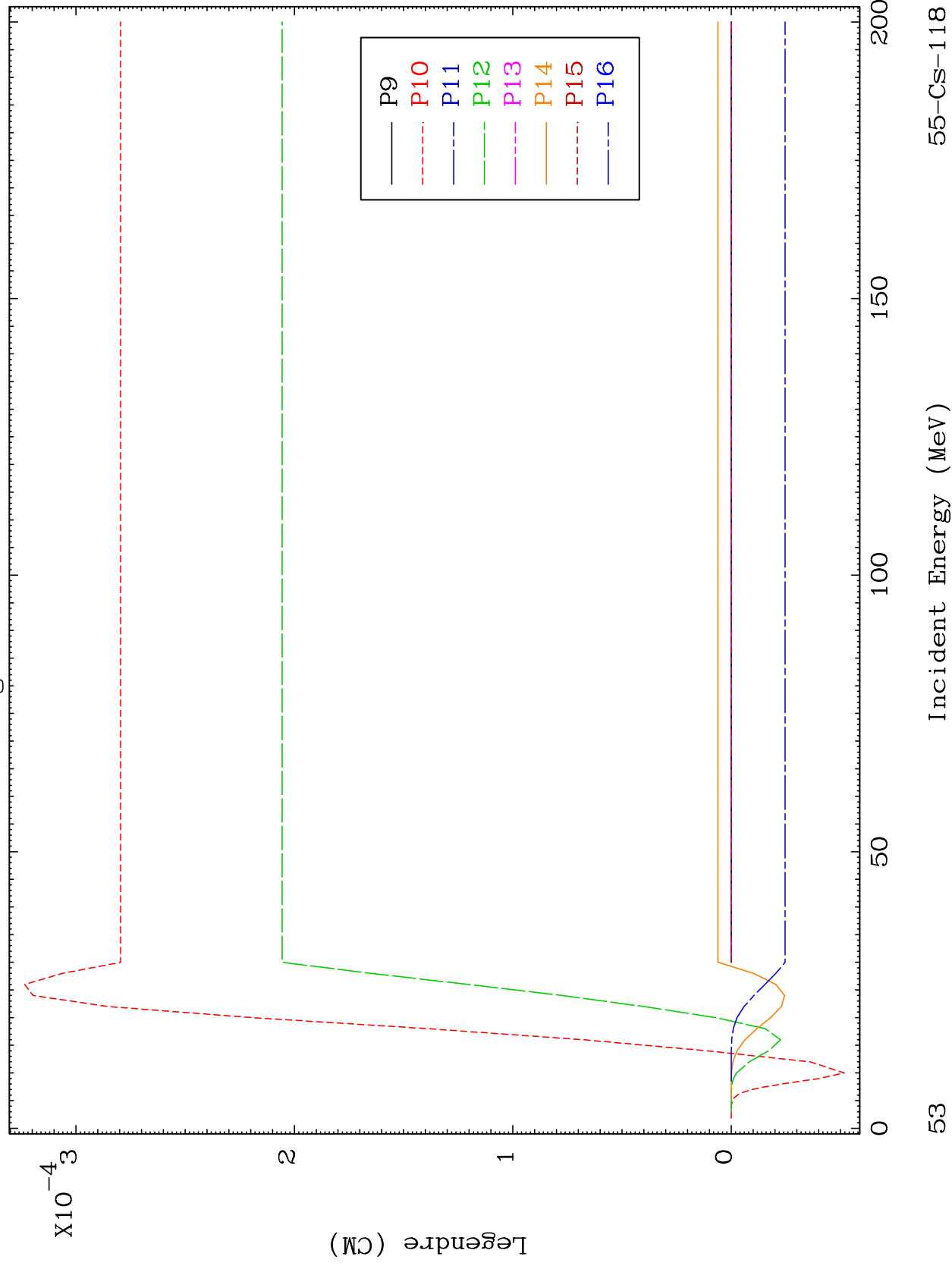
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MAT 5480

MT= 60 (n,n') Level
Legendre Coefficients

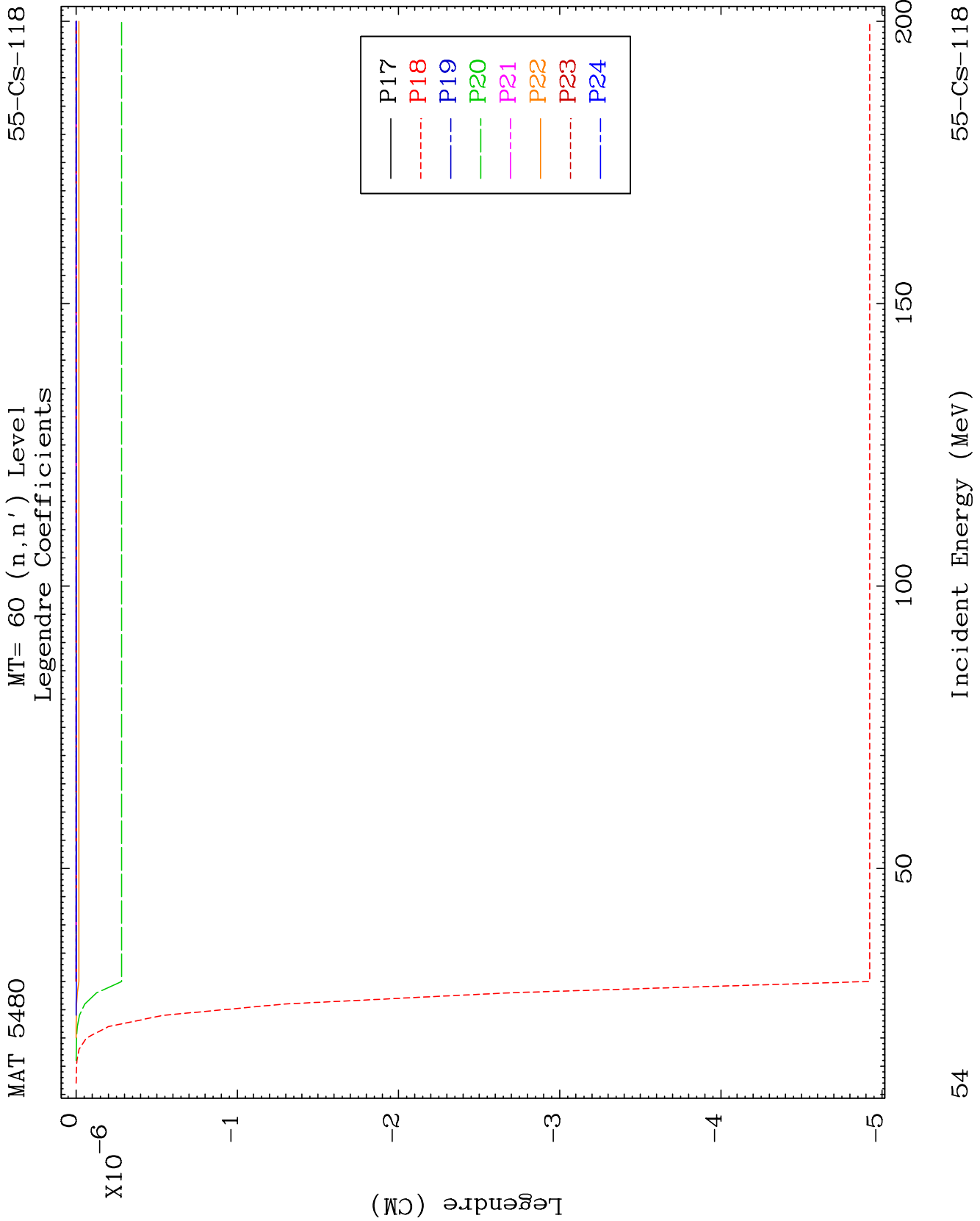
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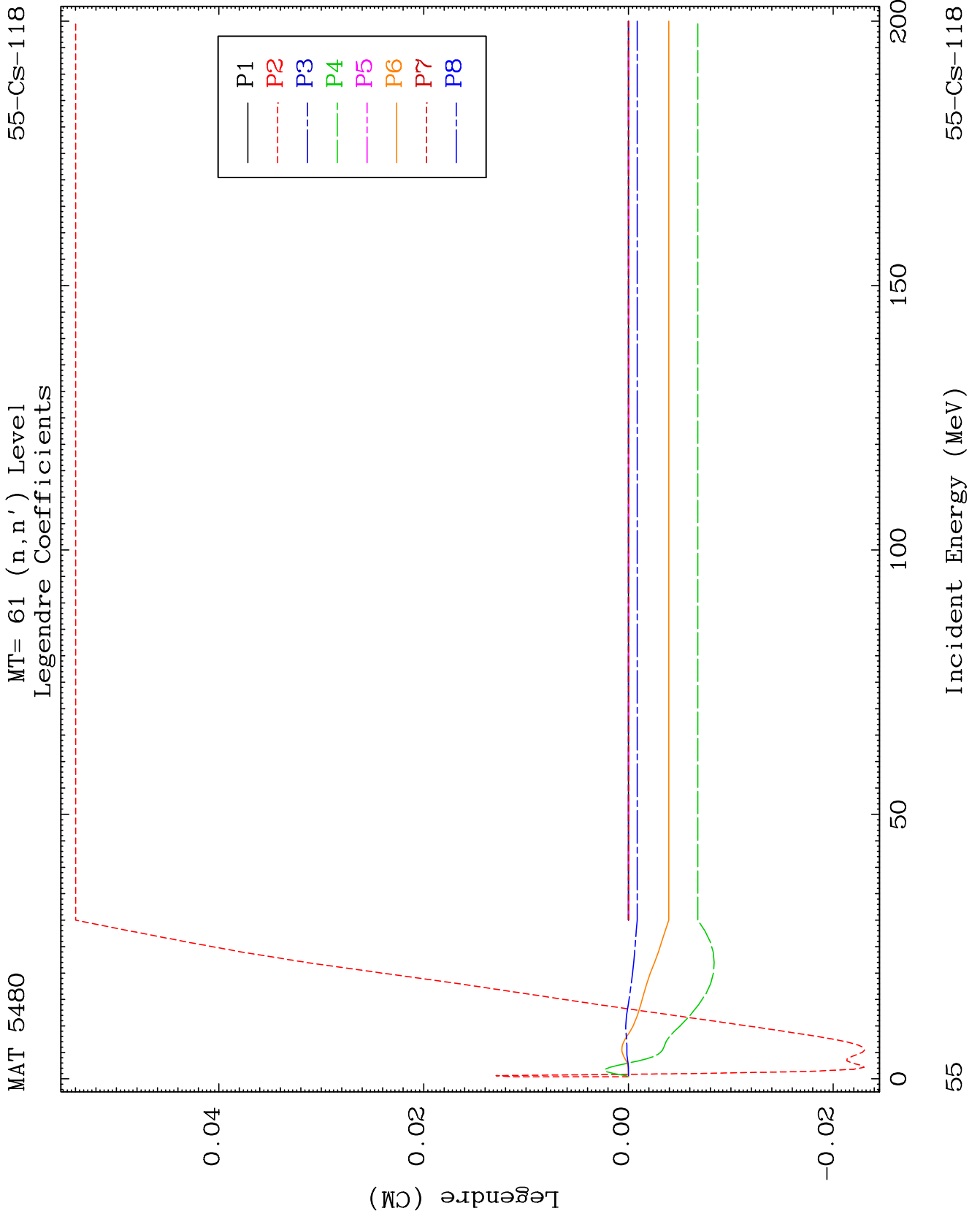


55-Cs-118

Incident Energy (MeV)

53

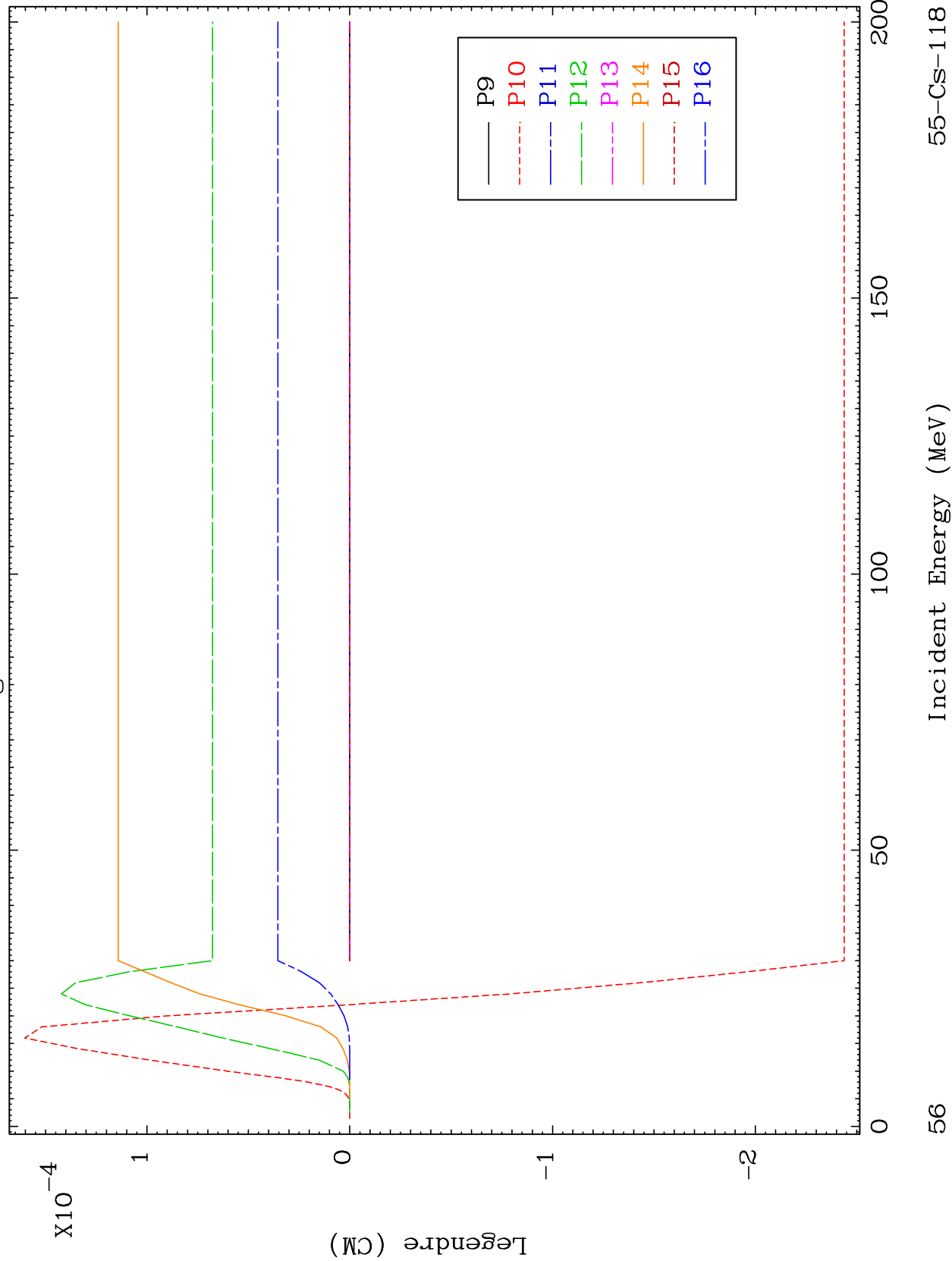




MAT 5480

MT= 61 (n,n') Level
Legendre Coefficients

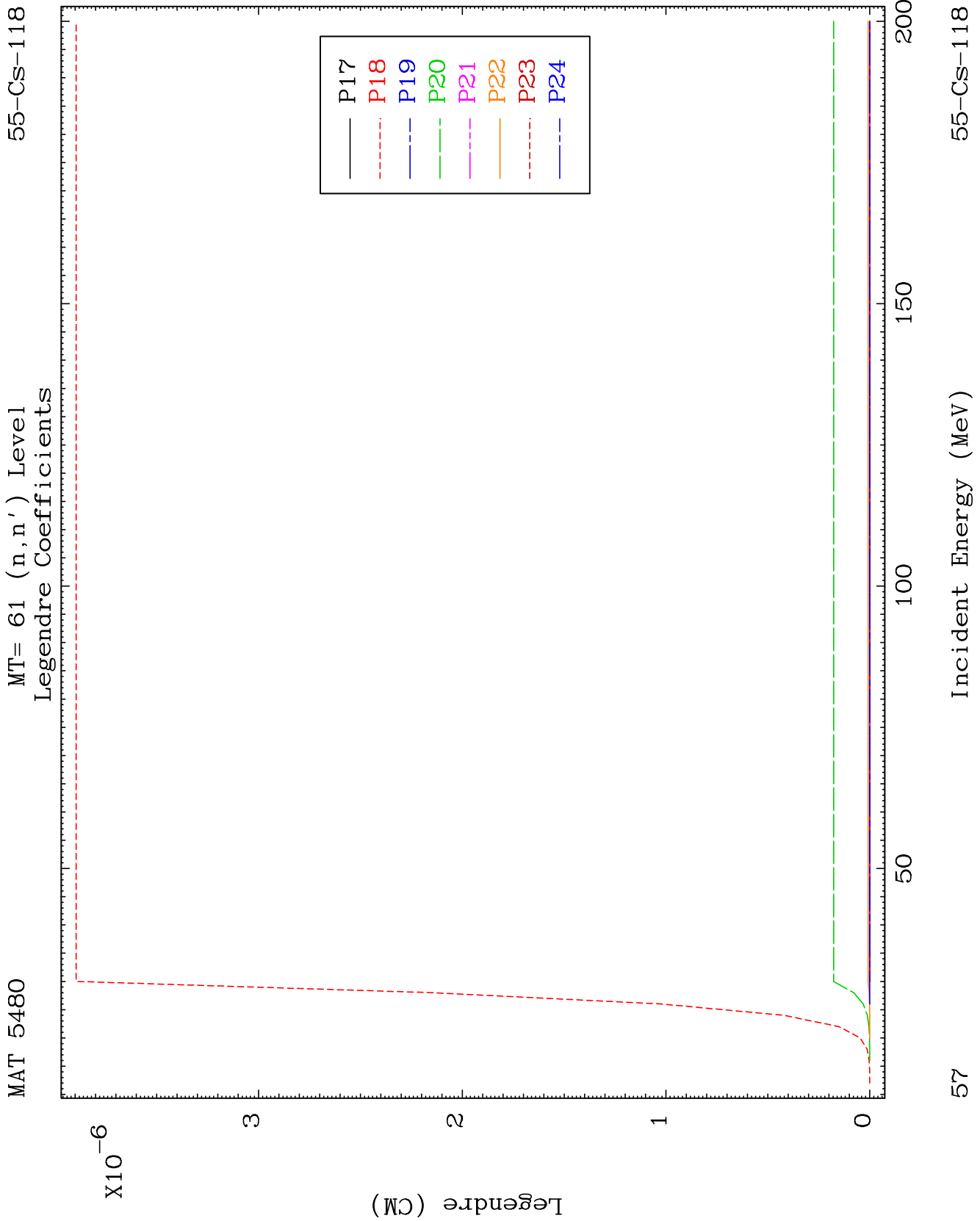
55-Cs-118



56

Incident Energy (MeV)

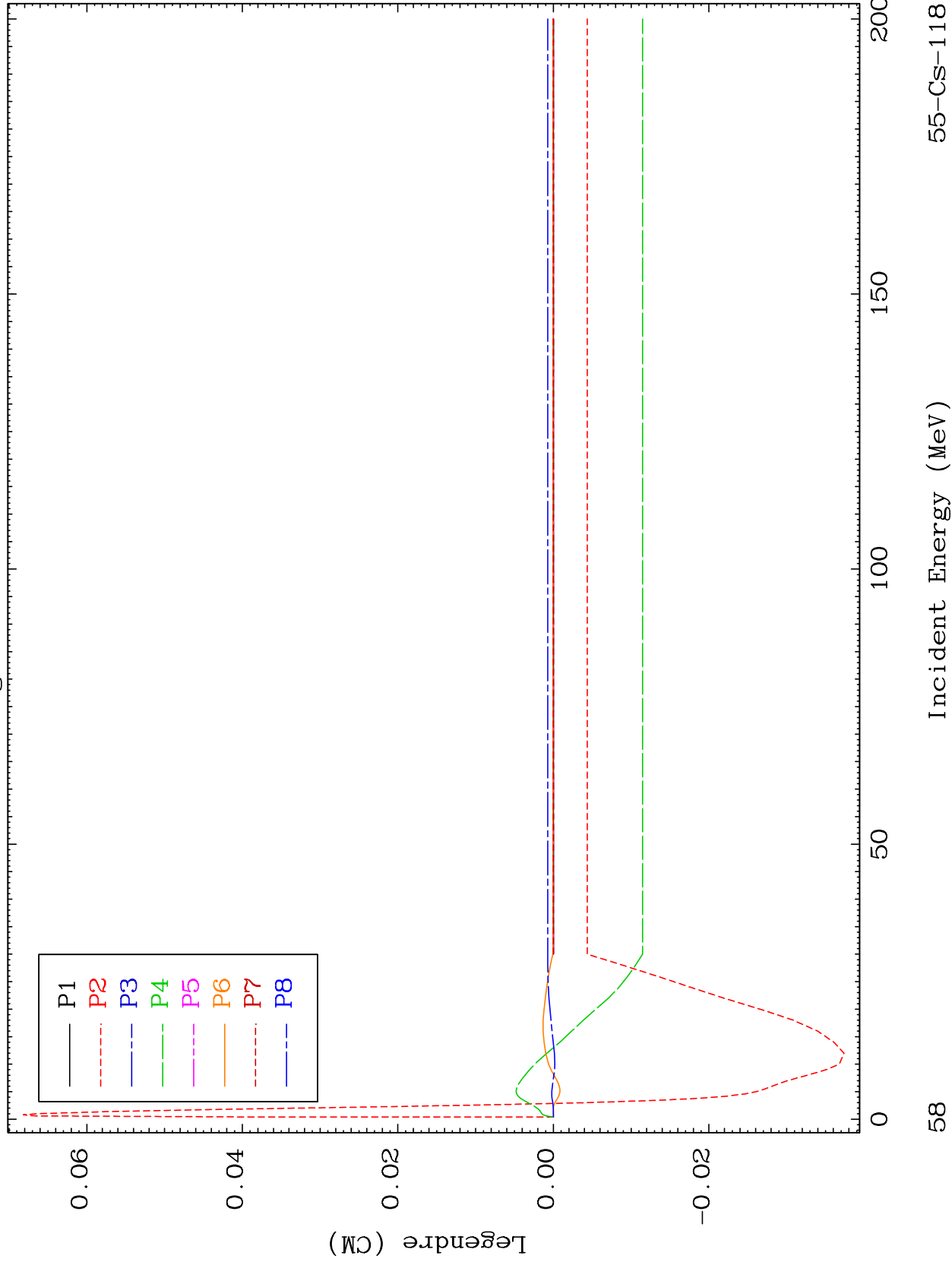
55-Cs-118



MAT 5480

MT= 62 (n,n') Level
Legendre Coefficients

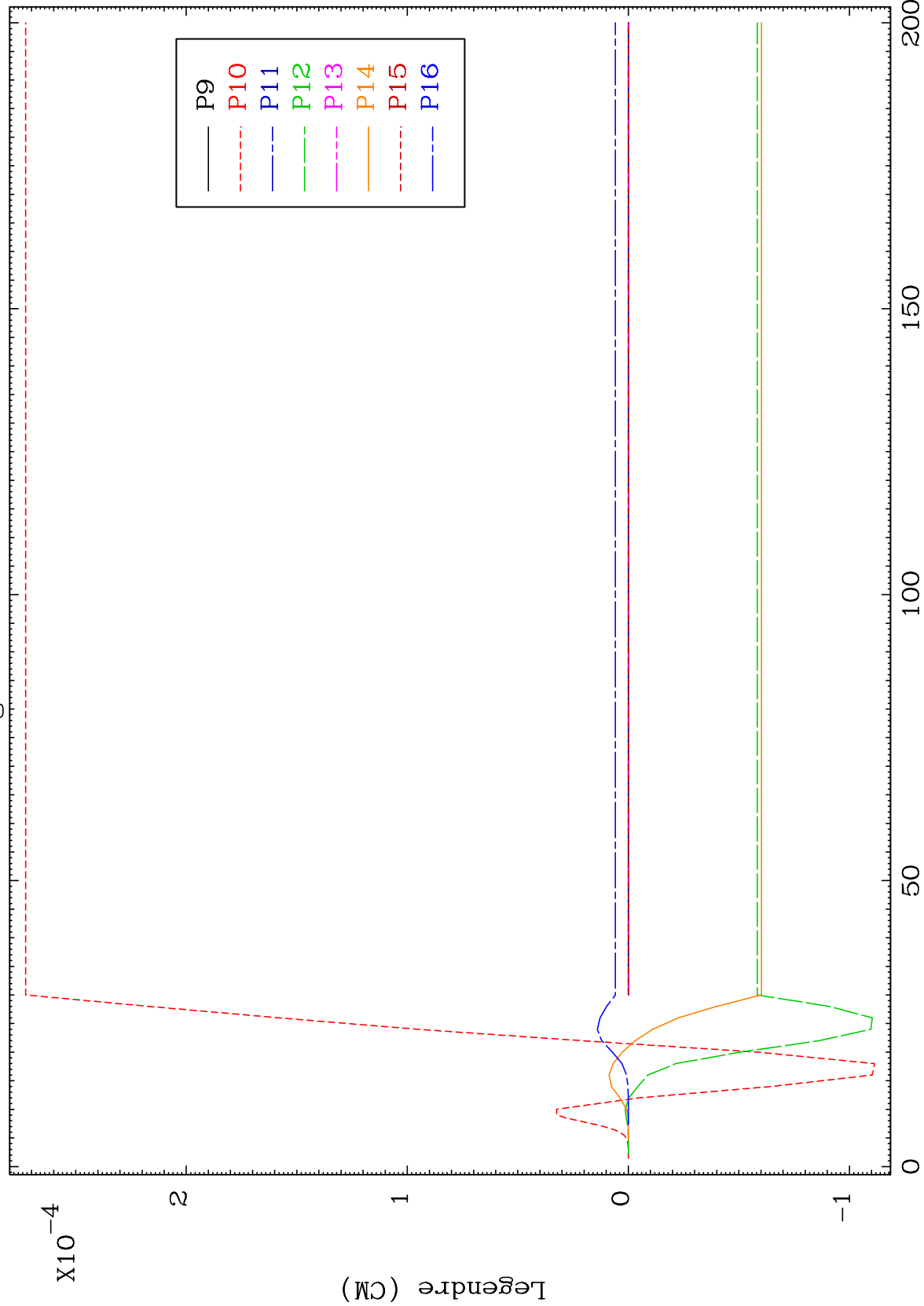
55-Cs-118



MAT 5480

MT= 62 (n,n') Level
Legendre Coefficients

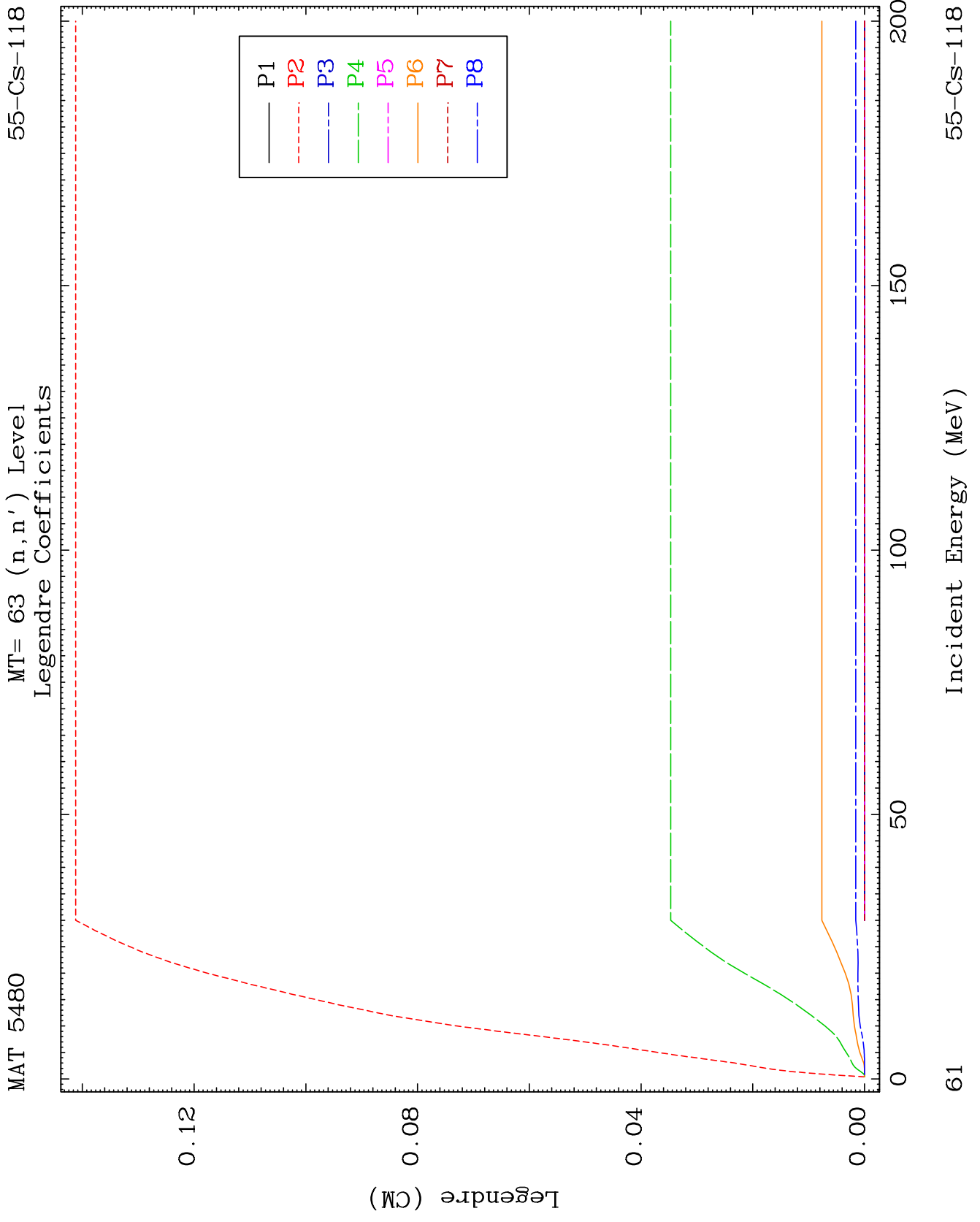
55-Cs-118



59

Incident Energy (MeV)

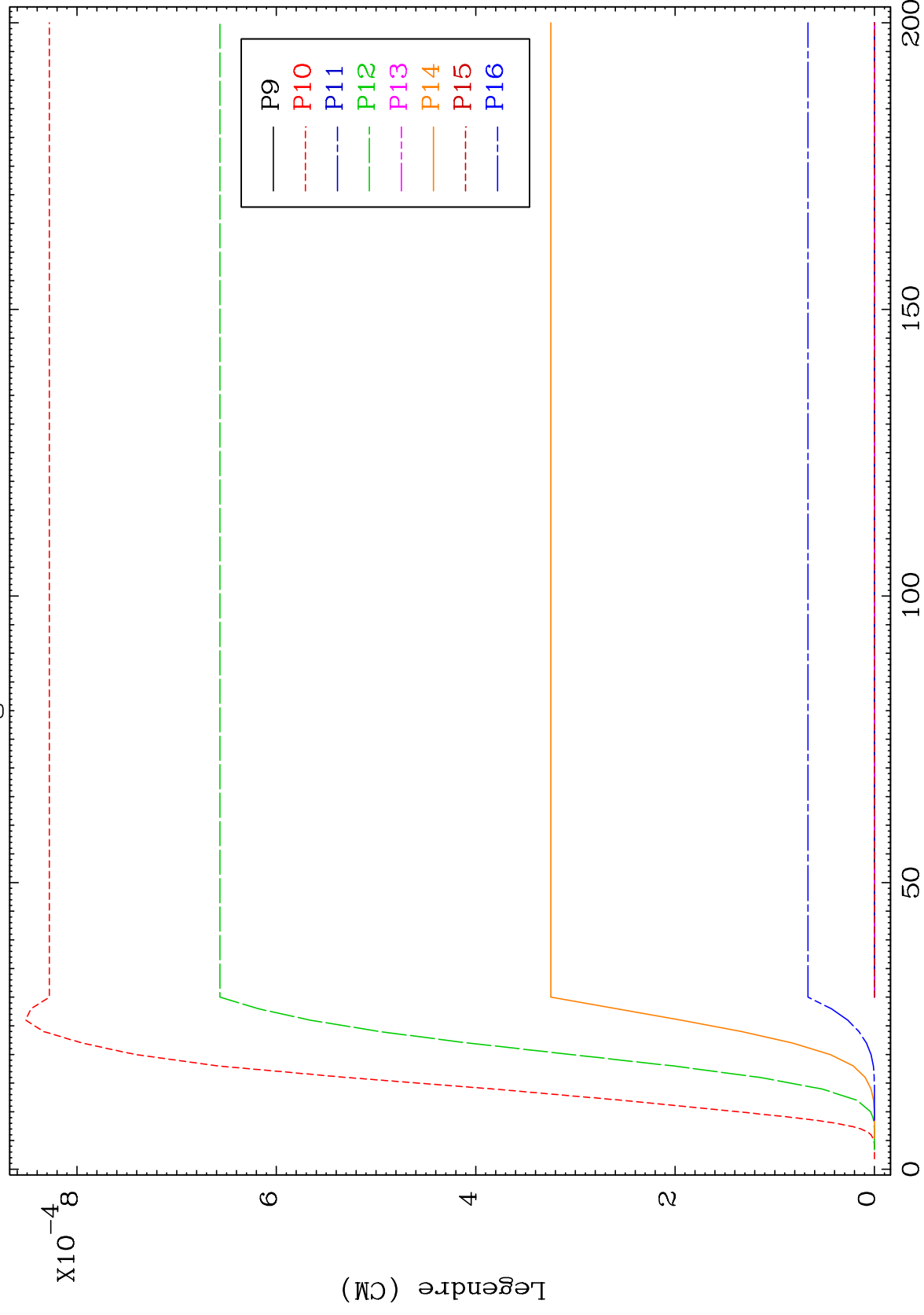
55-Cs-118



MAT 5480

MT= 63 (n,n') Level
Legendre Coefficients

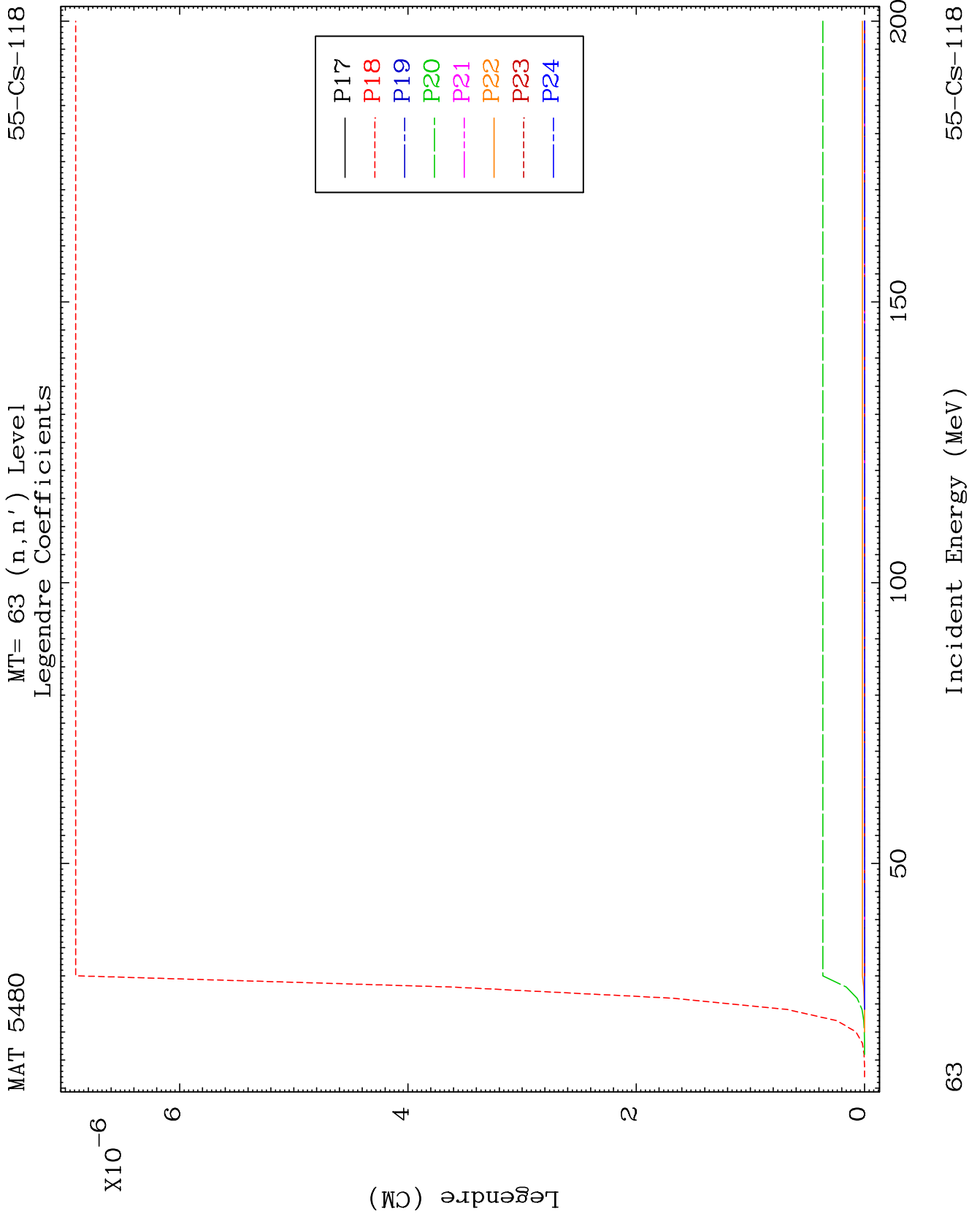
55-Cs-118



62

Incident Energy (MeV)

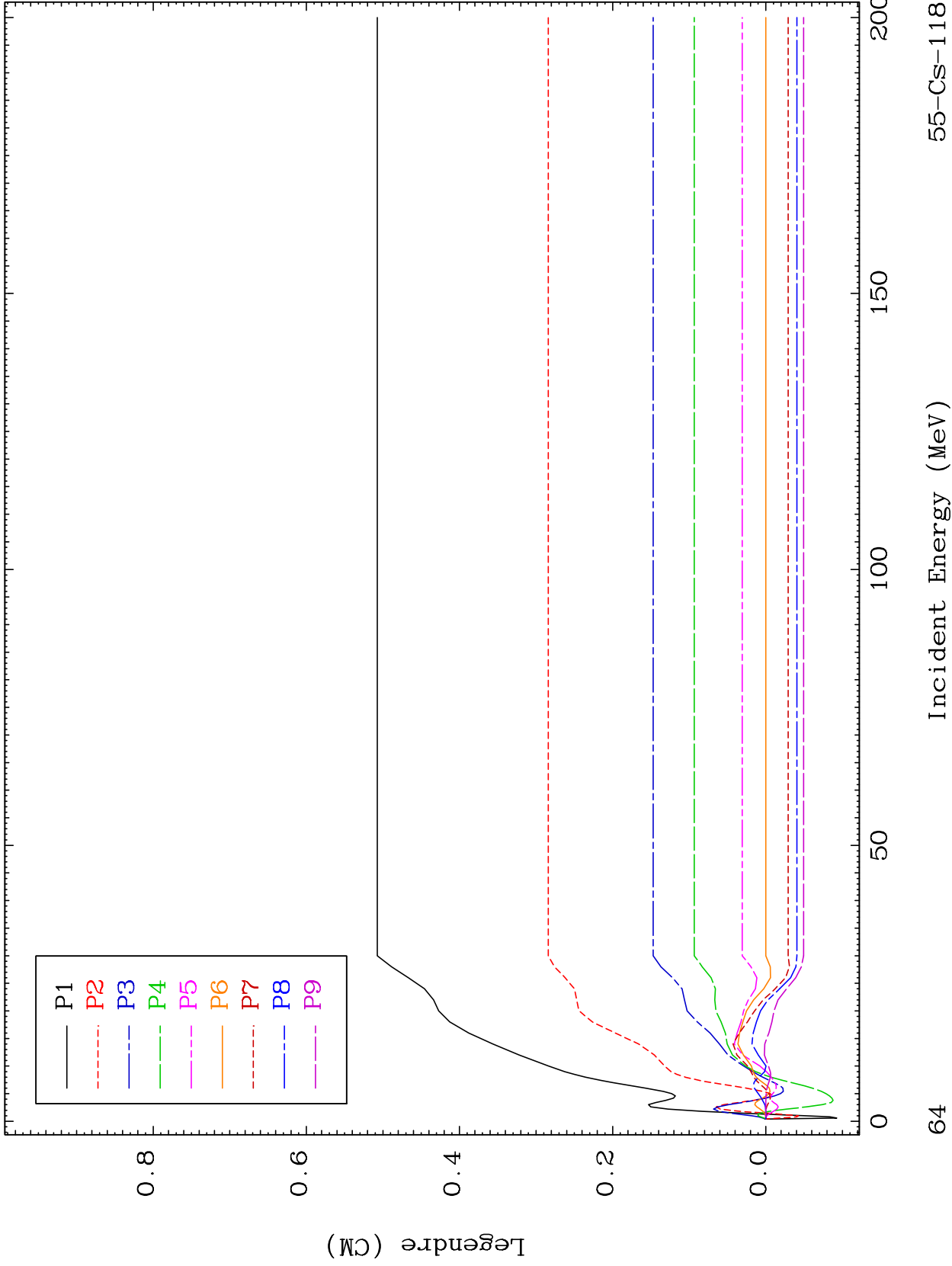
55-Cs-118



MAT 5480

MT= 64 (n,n') Level
Legendre Coefficients

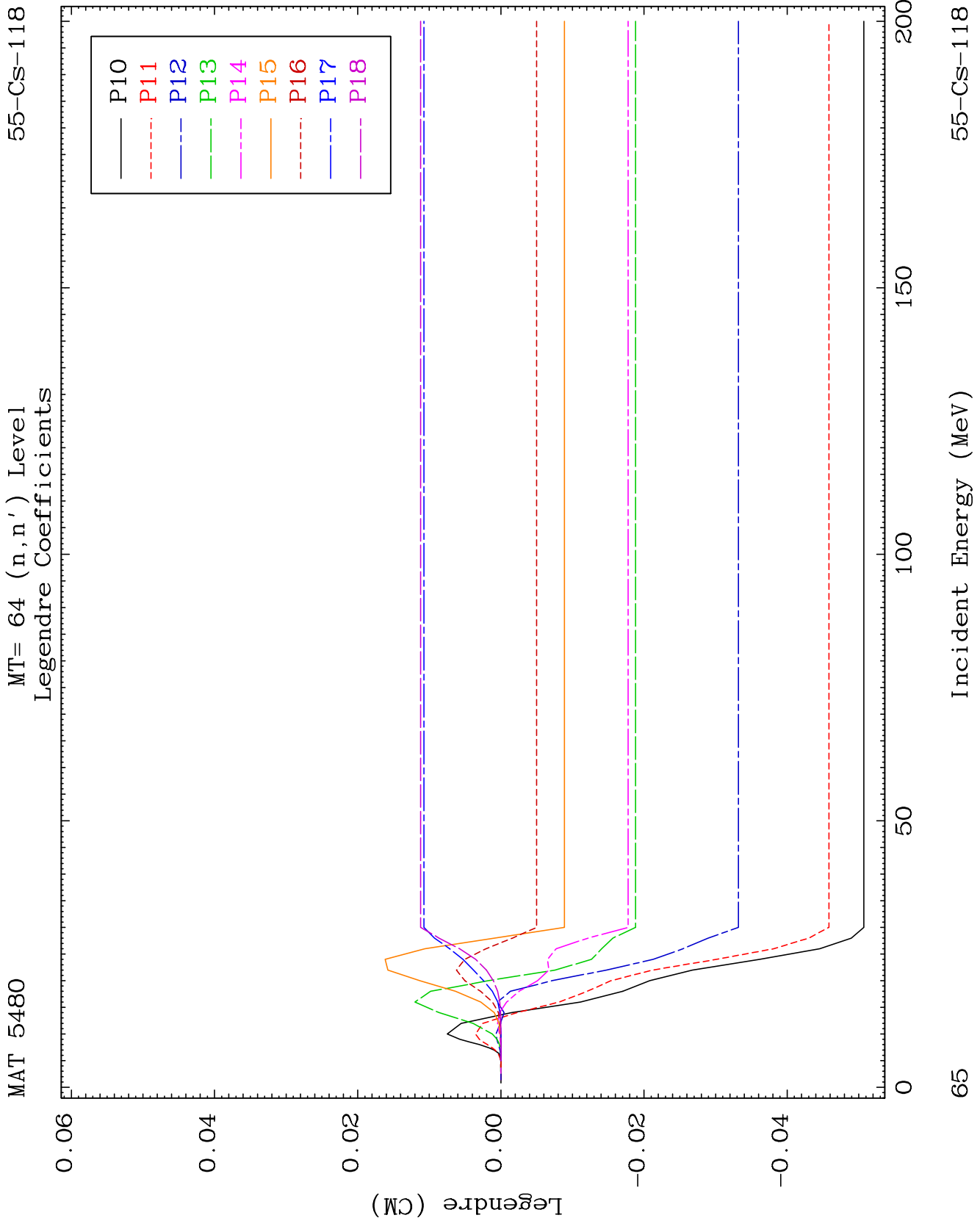
55-Cs-118



64

Incident Energy (MeV)

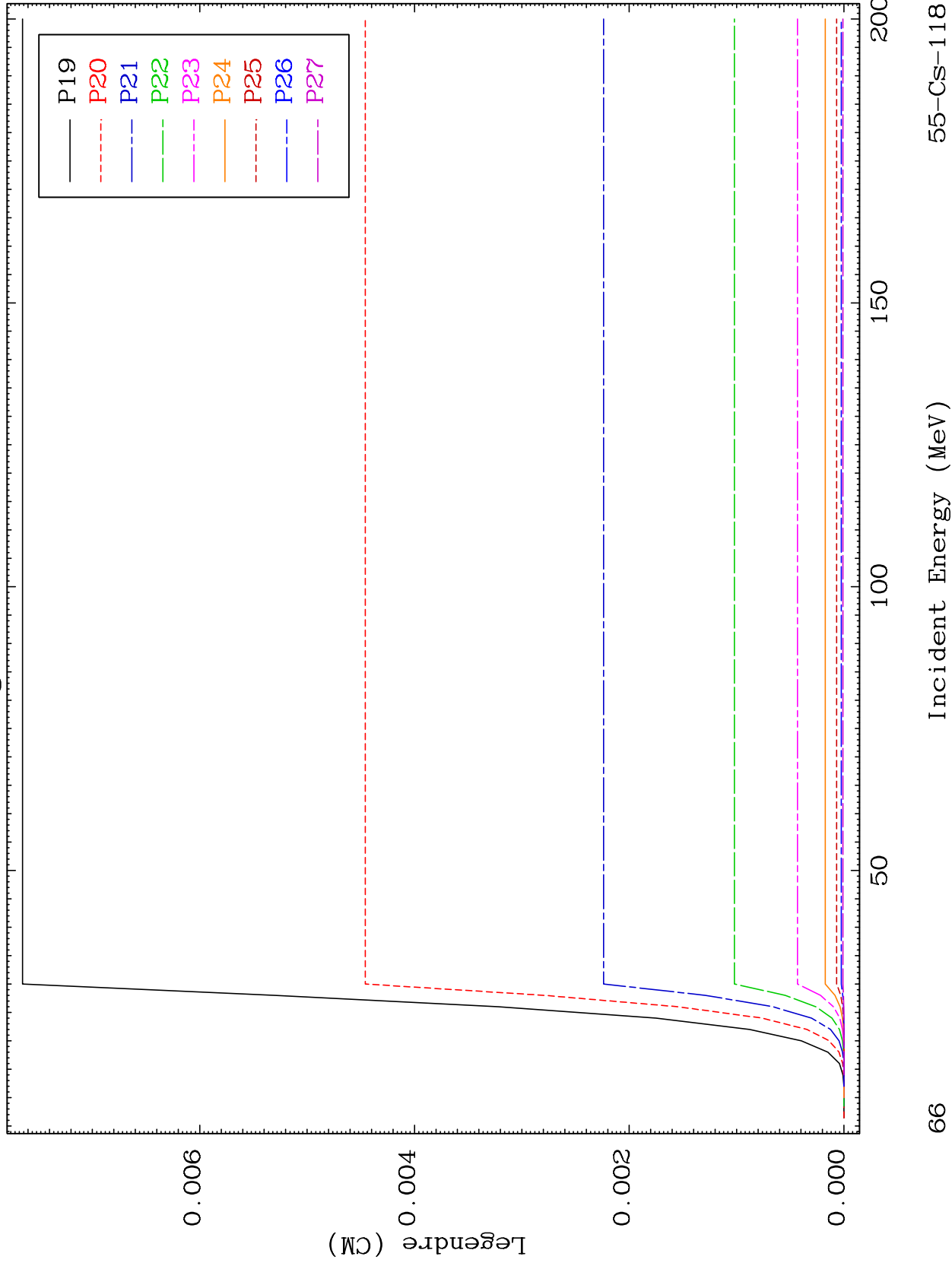
55-Cs-118



MAT 5480

MT= 64 (n,n') Level
Legendre Coefficients

55-Cs-118



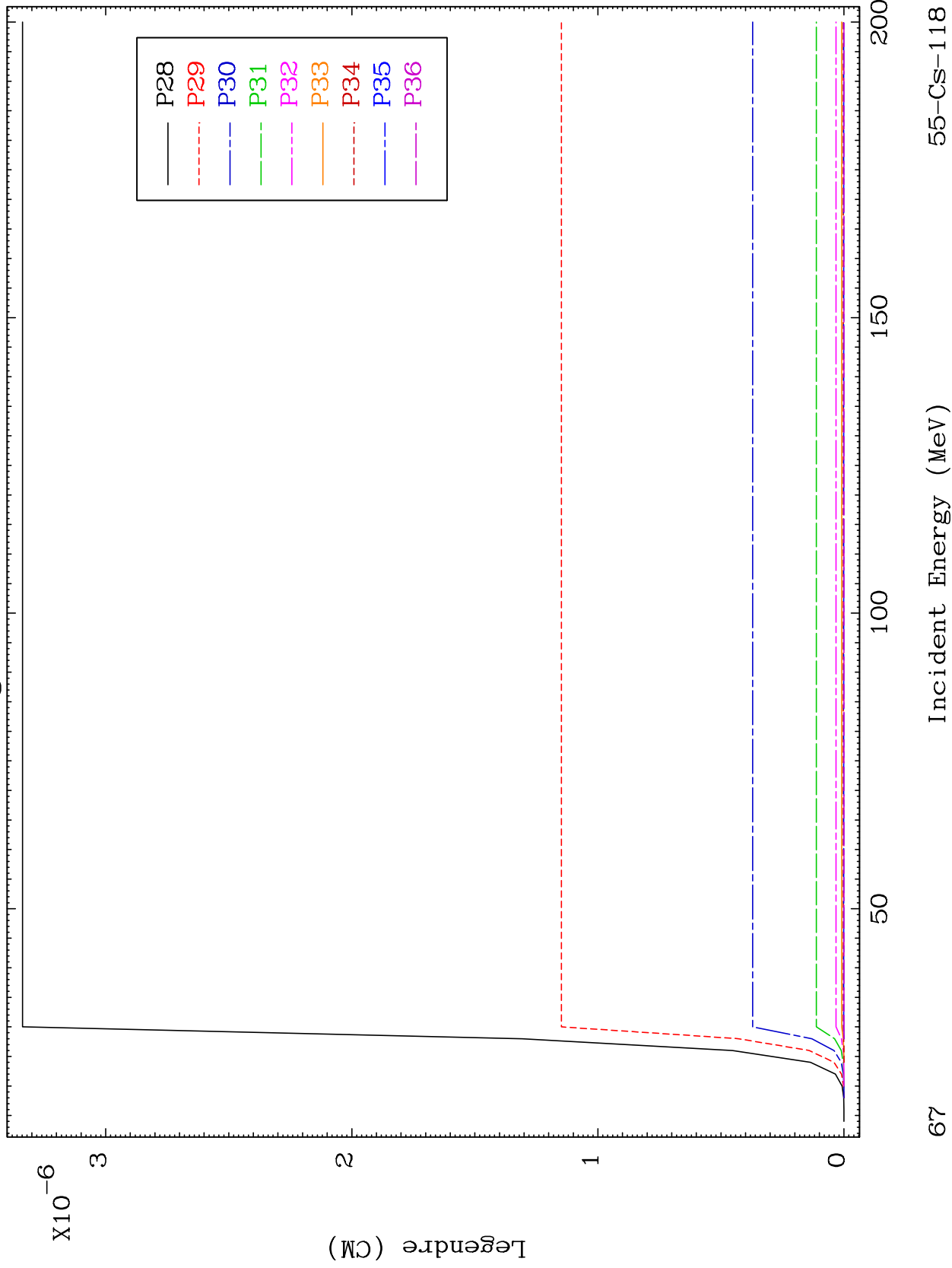
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55-Cs-118

MAT 5480

MT= 64 (n,n') Level
Legendre Coefficients

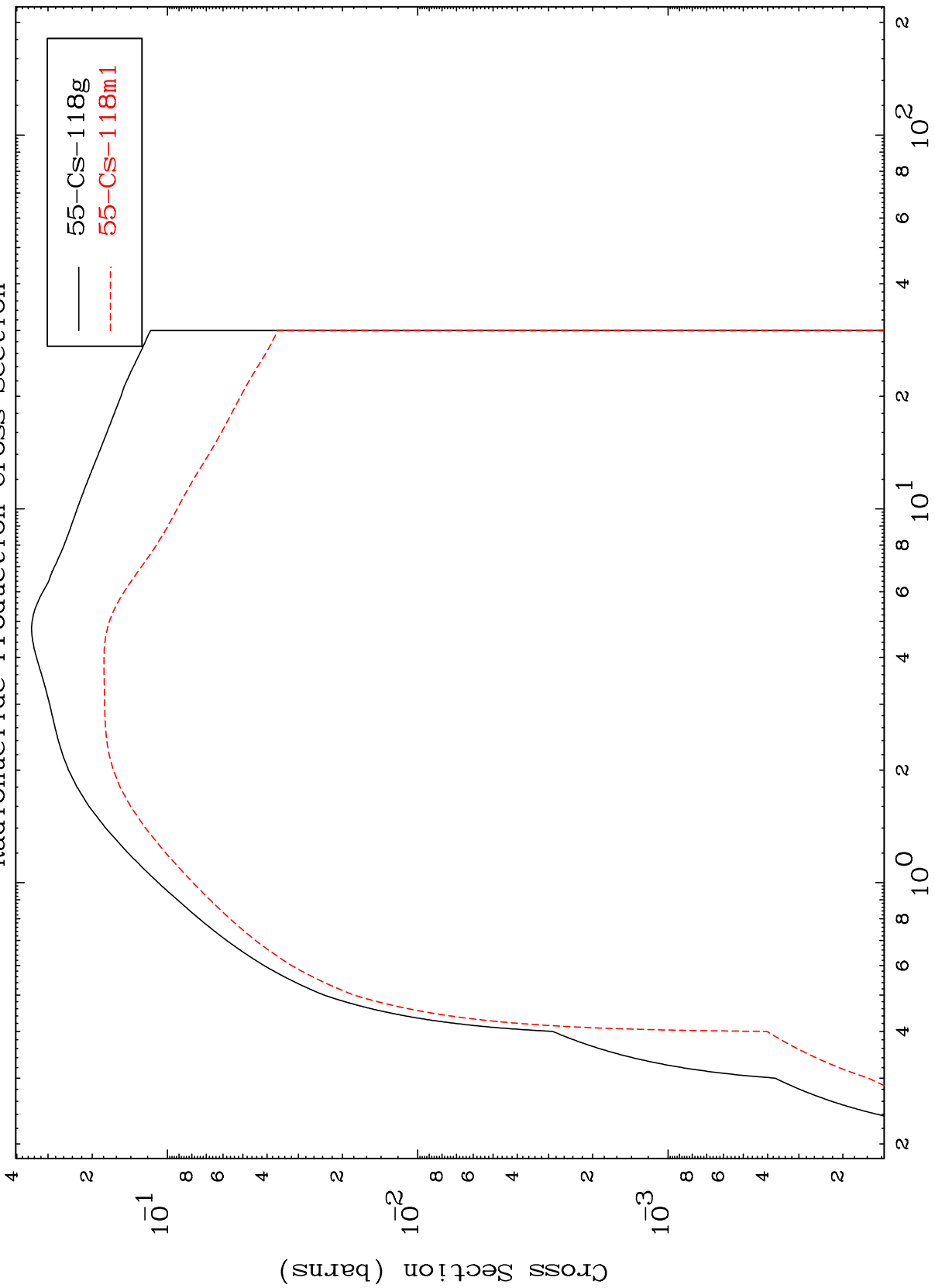
55-Cs-118



MAT 5480

55-Cs-118

Inelastic
Radionuclide Production Cross Section



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

68

55-Cs-118

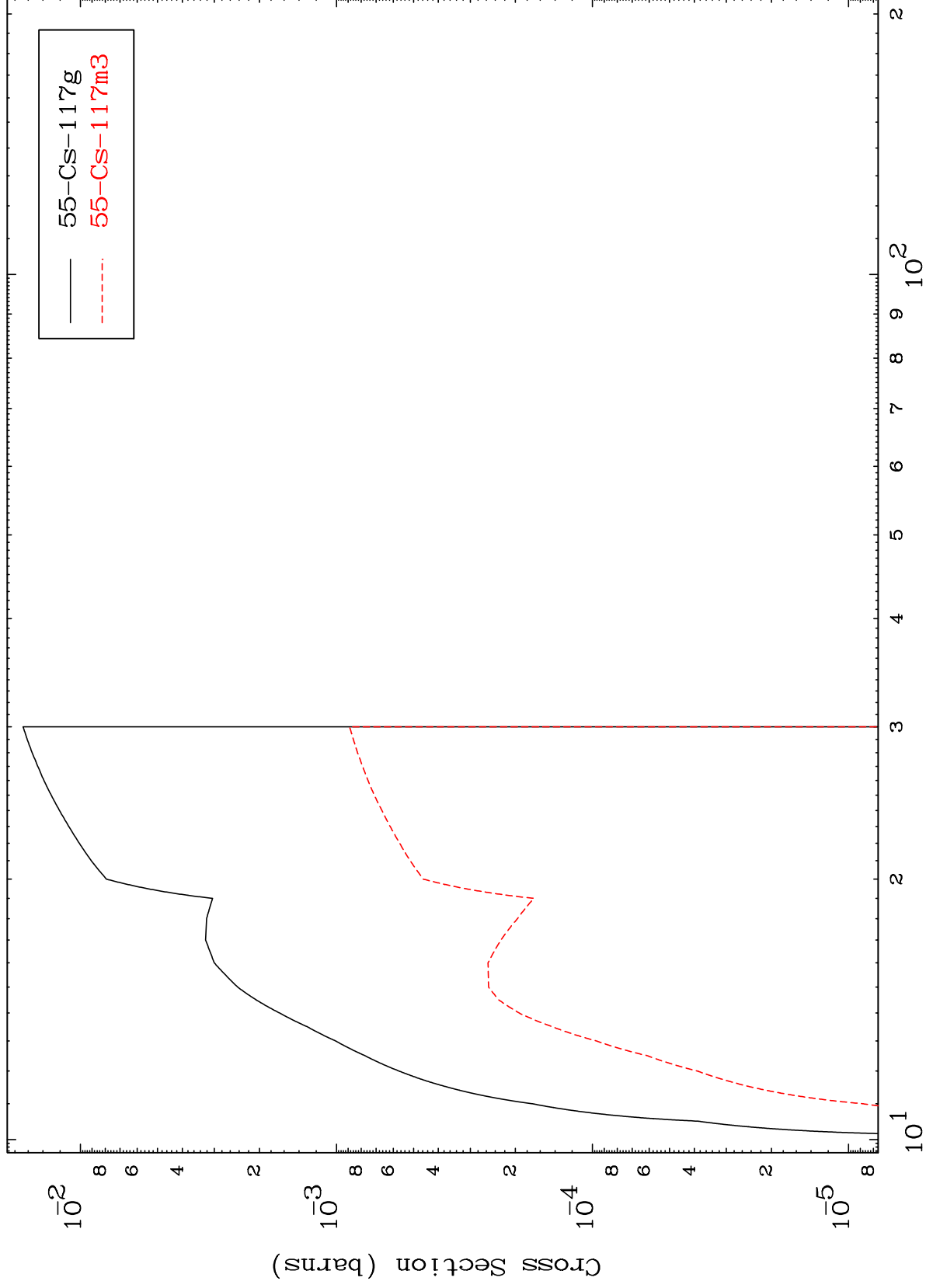
Incident Energy (MeV)

MAT 5480

(n,2n)

55-Cs-118

Radionuclide Production Cross Section



Incident Energy (MeV)

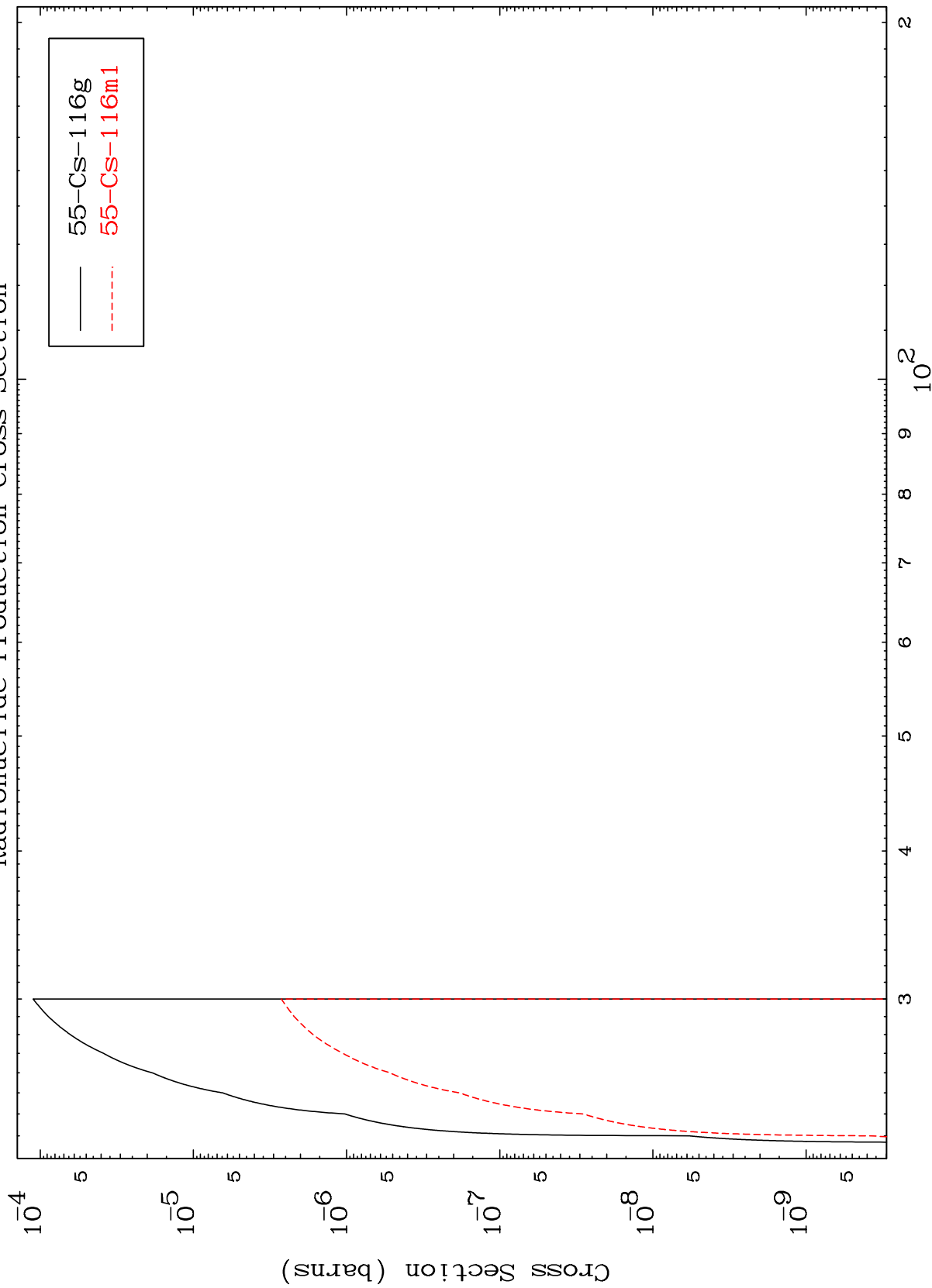
55-Cs-118

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MAT 5480

55-Cs-118

(n,3n)
Radionuclide Production Cross Section



70

Incident Energy (MeV)

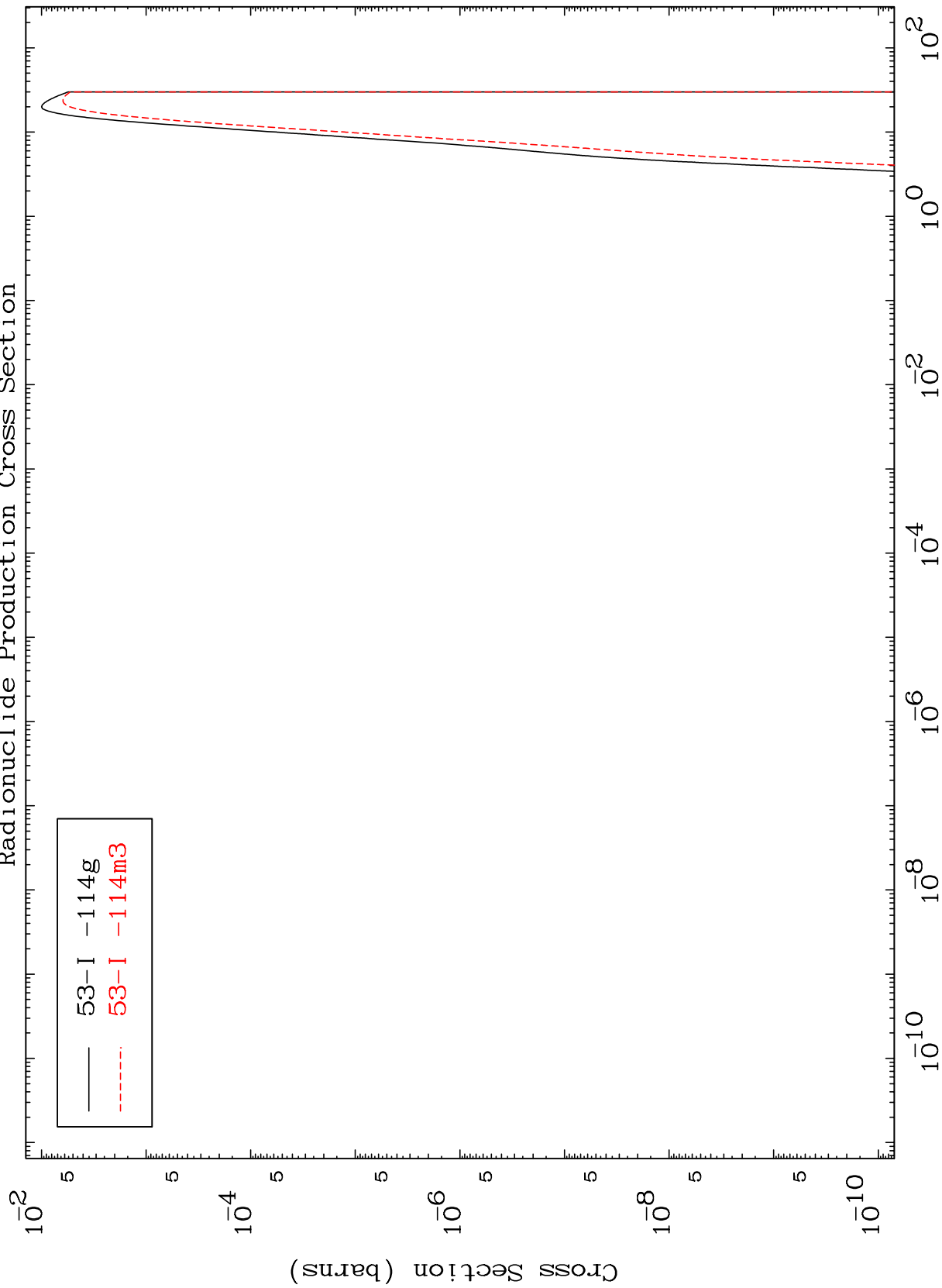
55-Cs-118

MAT 5480

(n,n') α

55-Cs-118

Radionuclide Production Cross Section

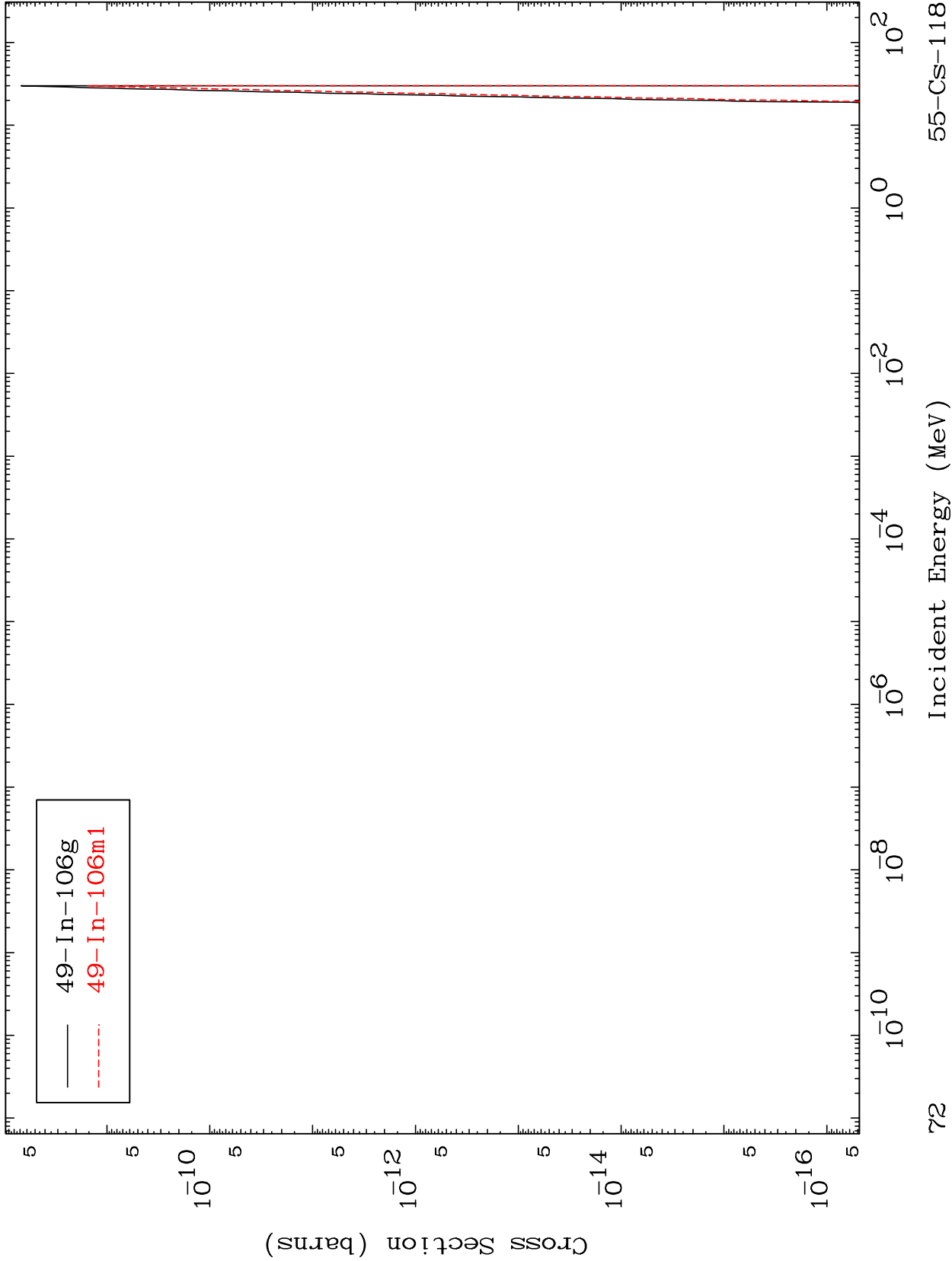


MAT 5480

(n,n') 3α

55-Cs-118

Radionuclide Production Cross Section

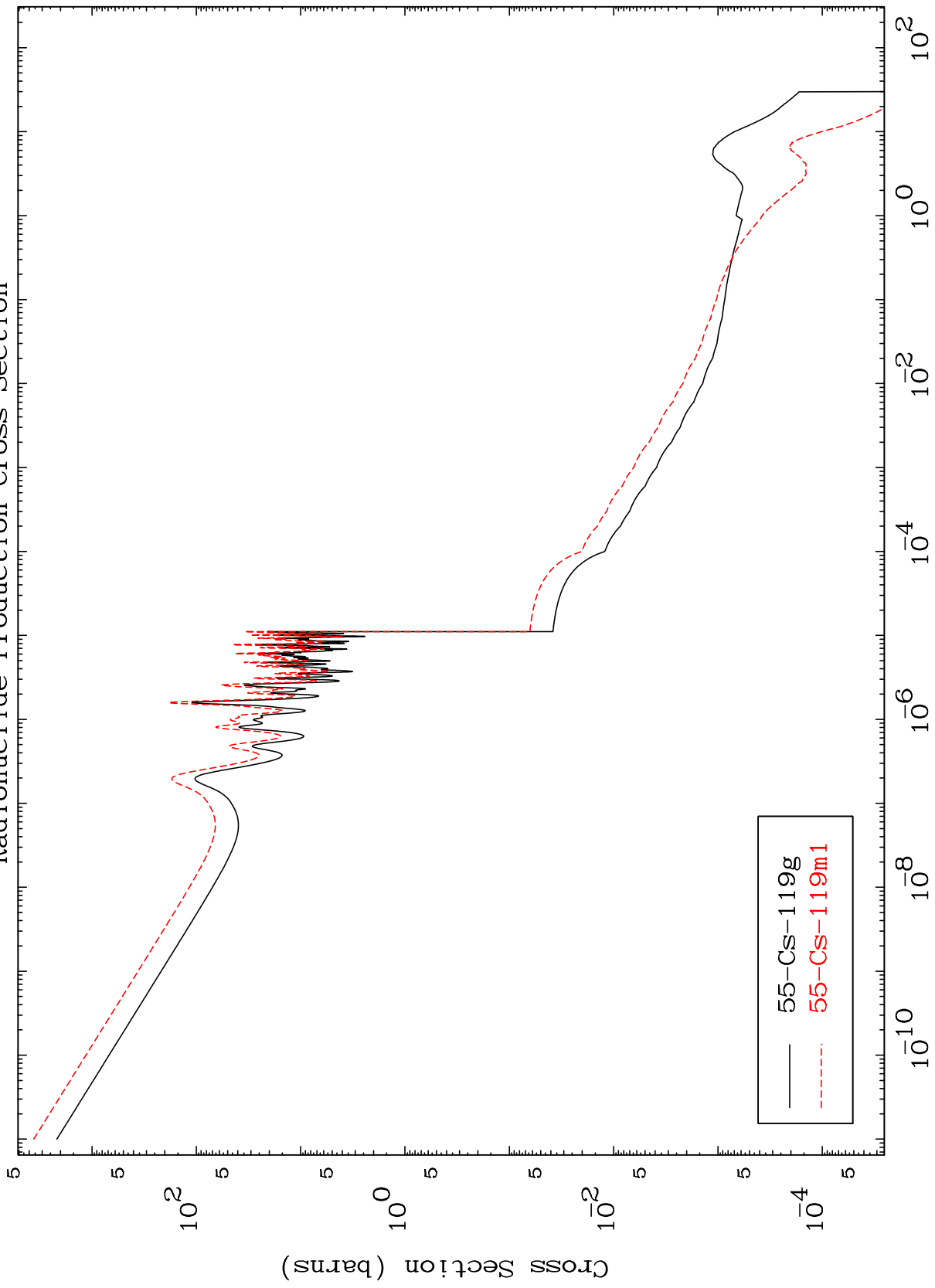


MAT 5480

55-Cs-118

Radionuclide Production Cross Section

(n, γ)



55-Cs-118

Incident Energy (MeV)

73

MAT 5480

(n,3 α)

55-Cs-118

Radionuclide Production Cross Section

