

Program EVALPLOT
(Version 2018-1)

by

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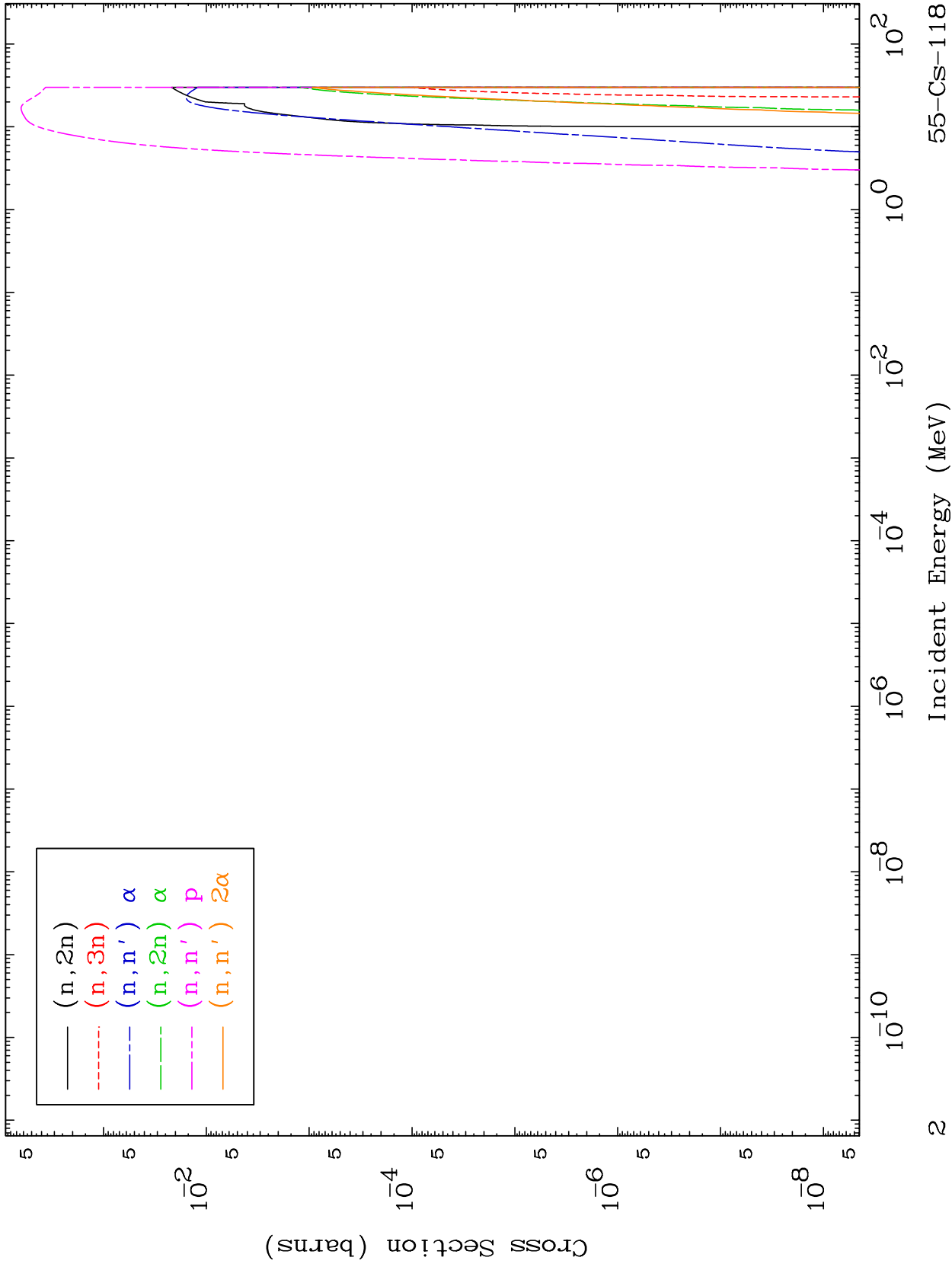
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5480

Neutron Production
293 Kelvin Cross Sections

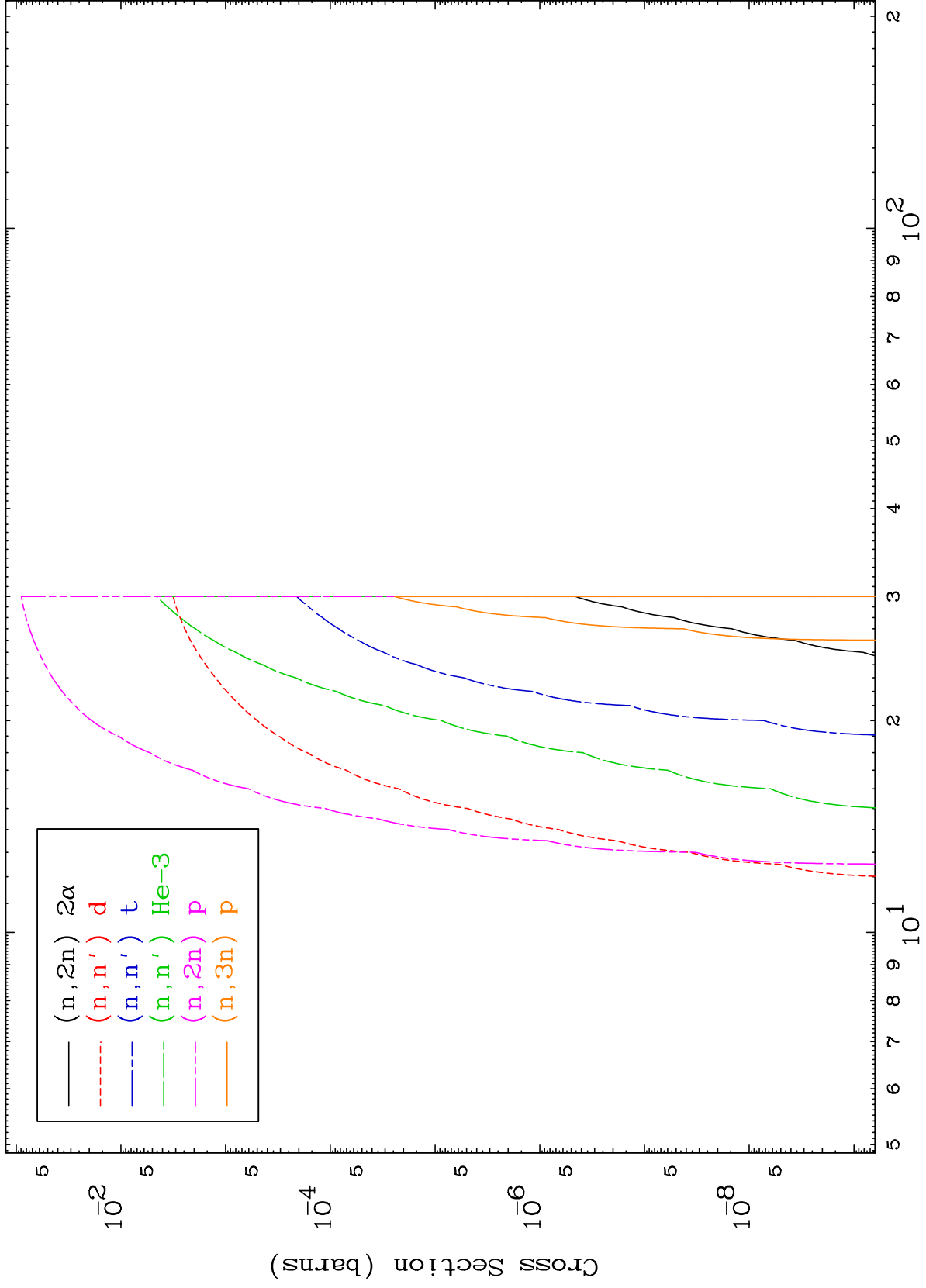
55-Cs-118



MAT 5480

Neutron Production
293 Kelvin Cross Sections

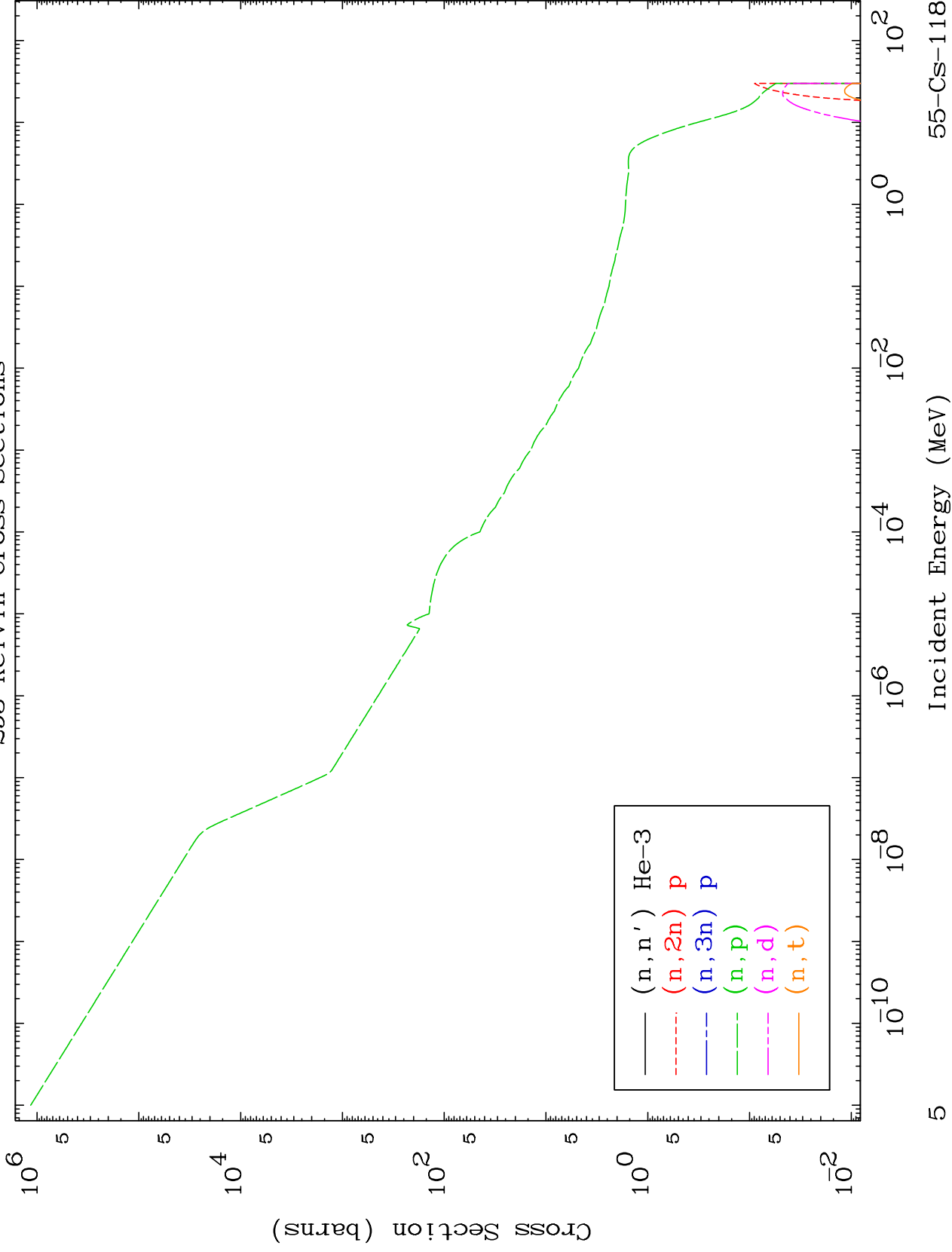
55-Cs-118



55-Cs-118

Incident Energy (MeV)

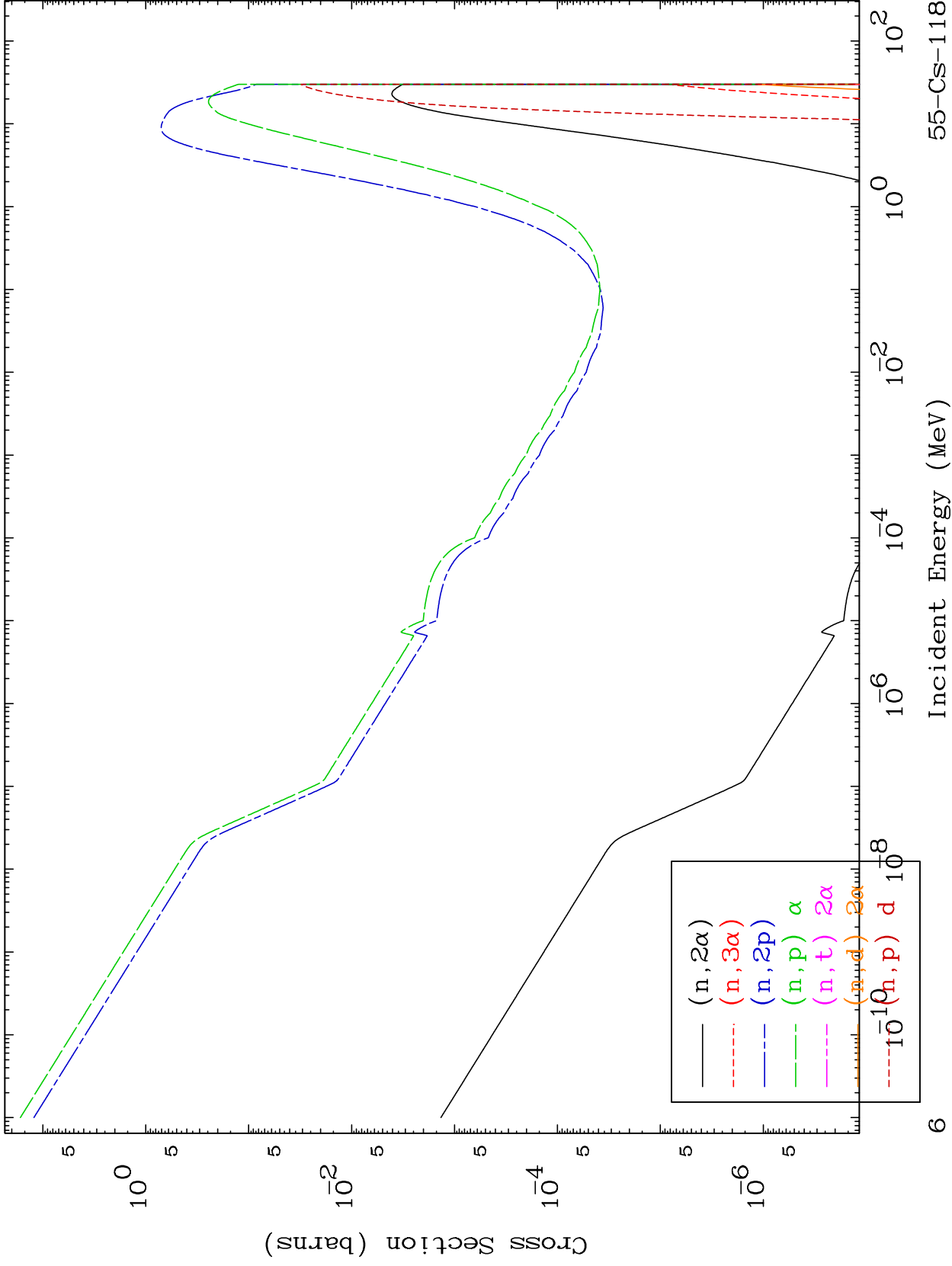
3

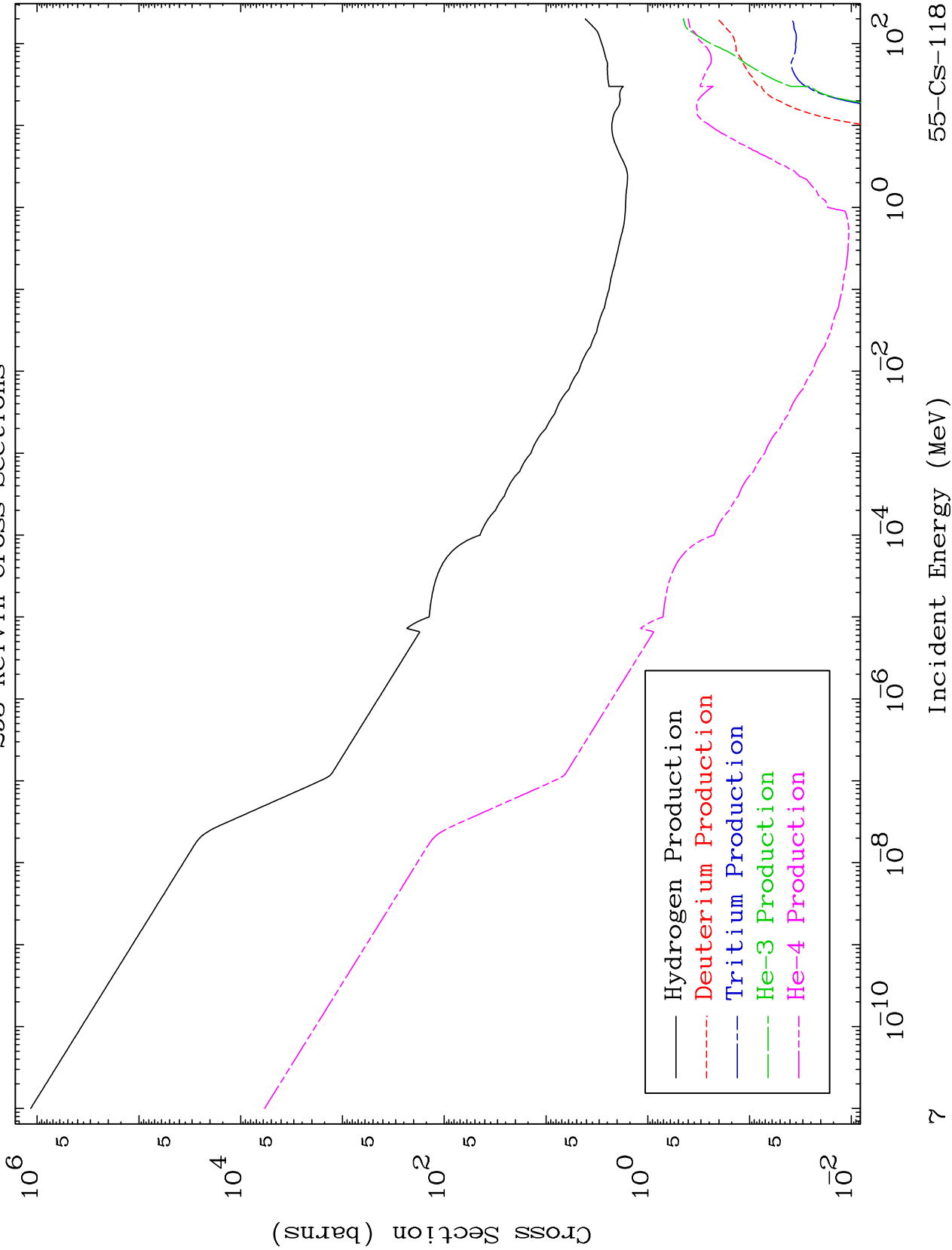


MAT 5480

Charged Particle
293 Kelvin Cross Sections

55-Cs-118



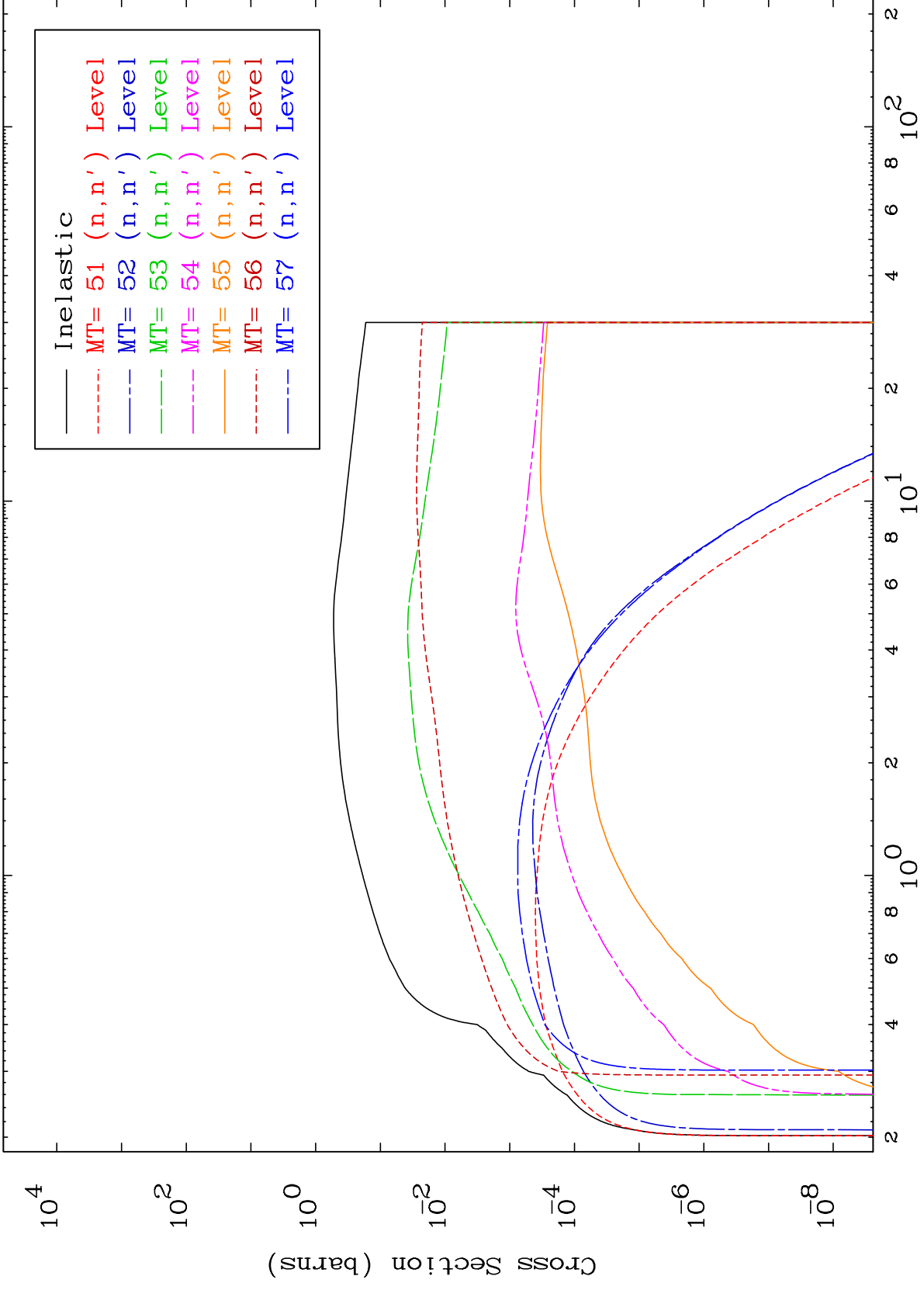


MAT 5480

(n,n') Level

55-Cs-118

293 Kelvin Cross Sections



8

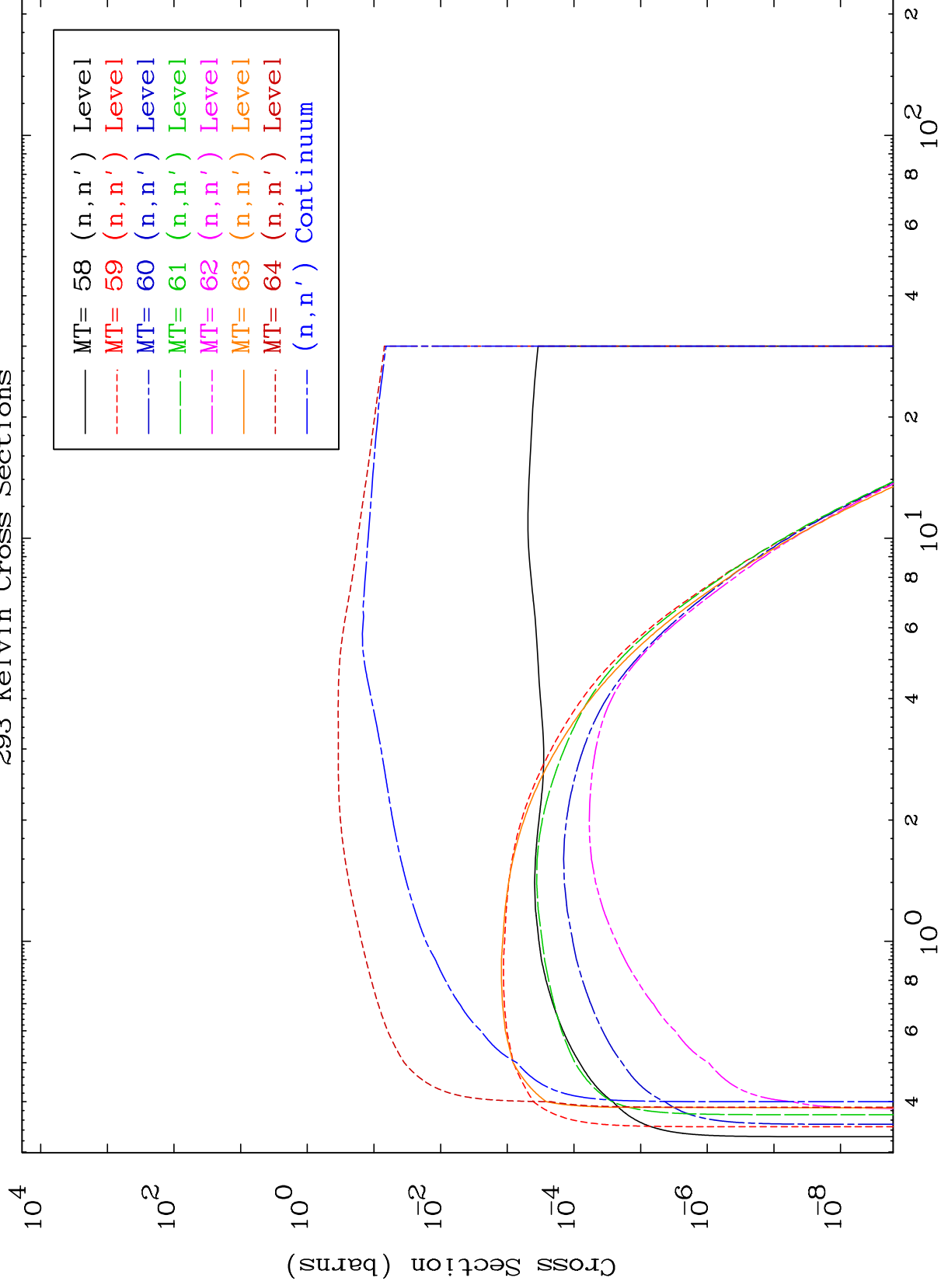
Incident Energy (MeV)

55-Cs-118

MAT 5480

(n,n') Level
293 Kelvin Cross Sections

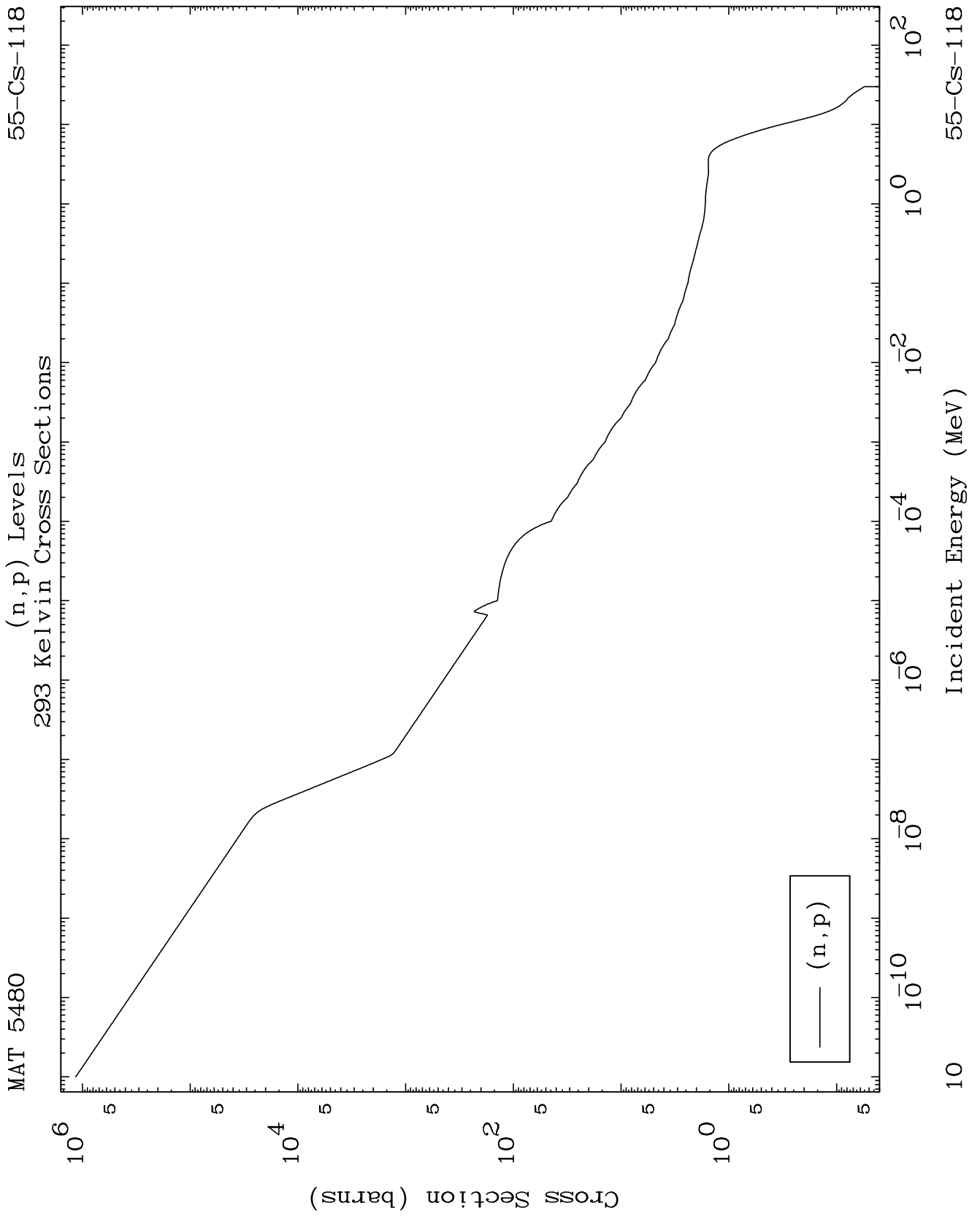
55-Cs-118



9

Incident Energy (MeV)

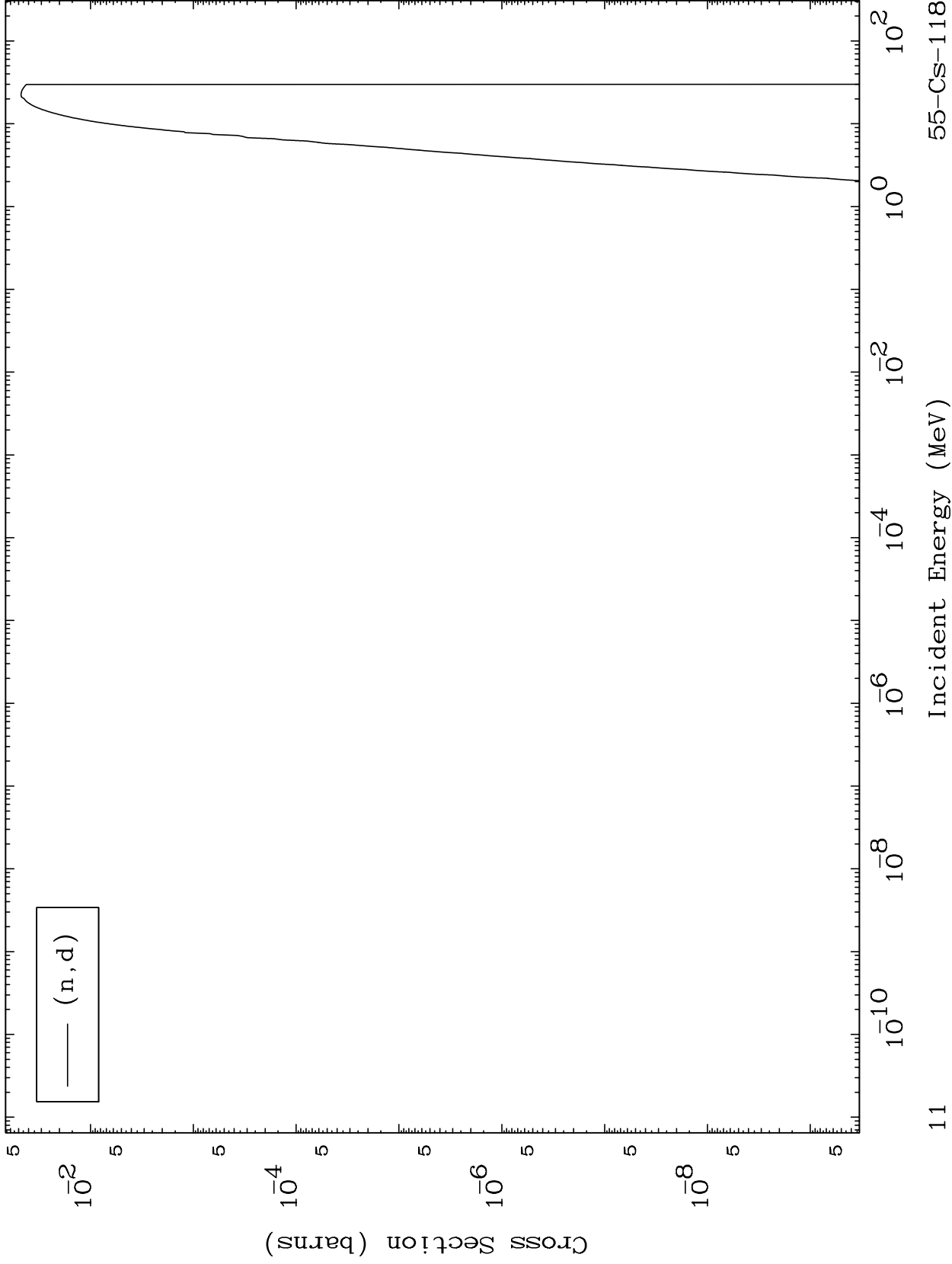
55-Cs-118



MAT 5480

(n,d) Levels
293 Kelvin Cross Sections

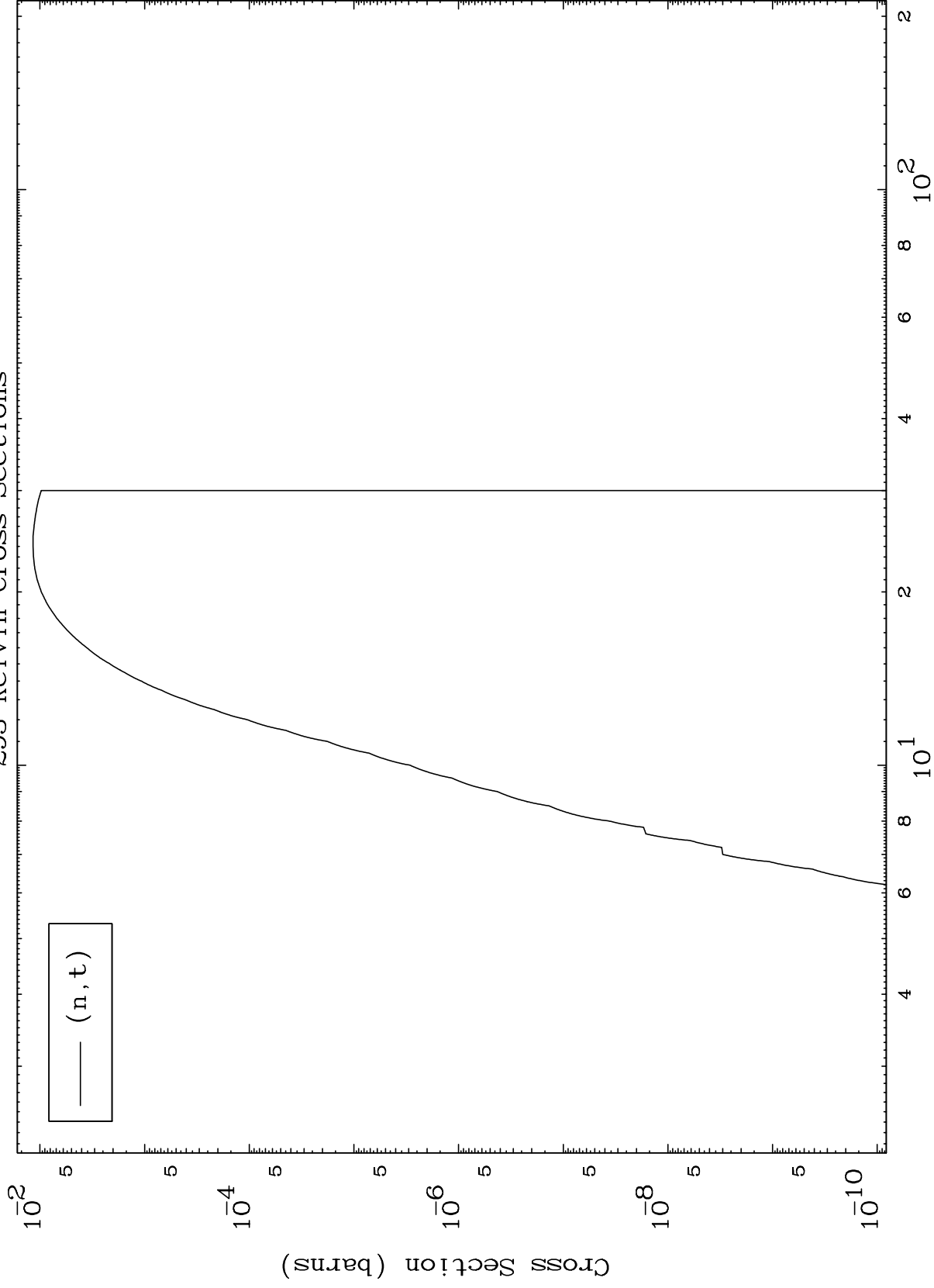
55-Cs-118



MAT 5480

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-118



12

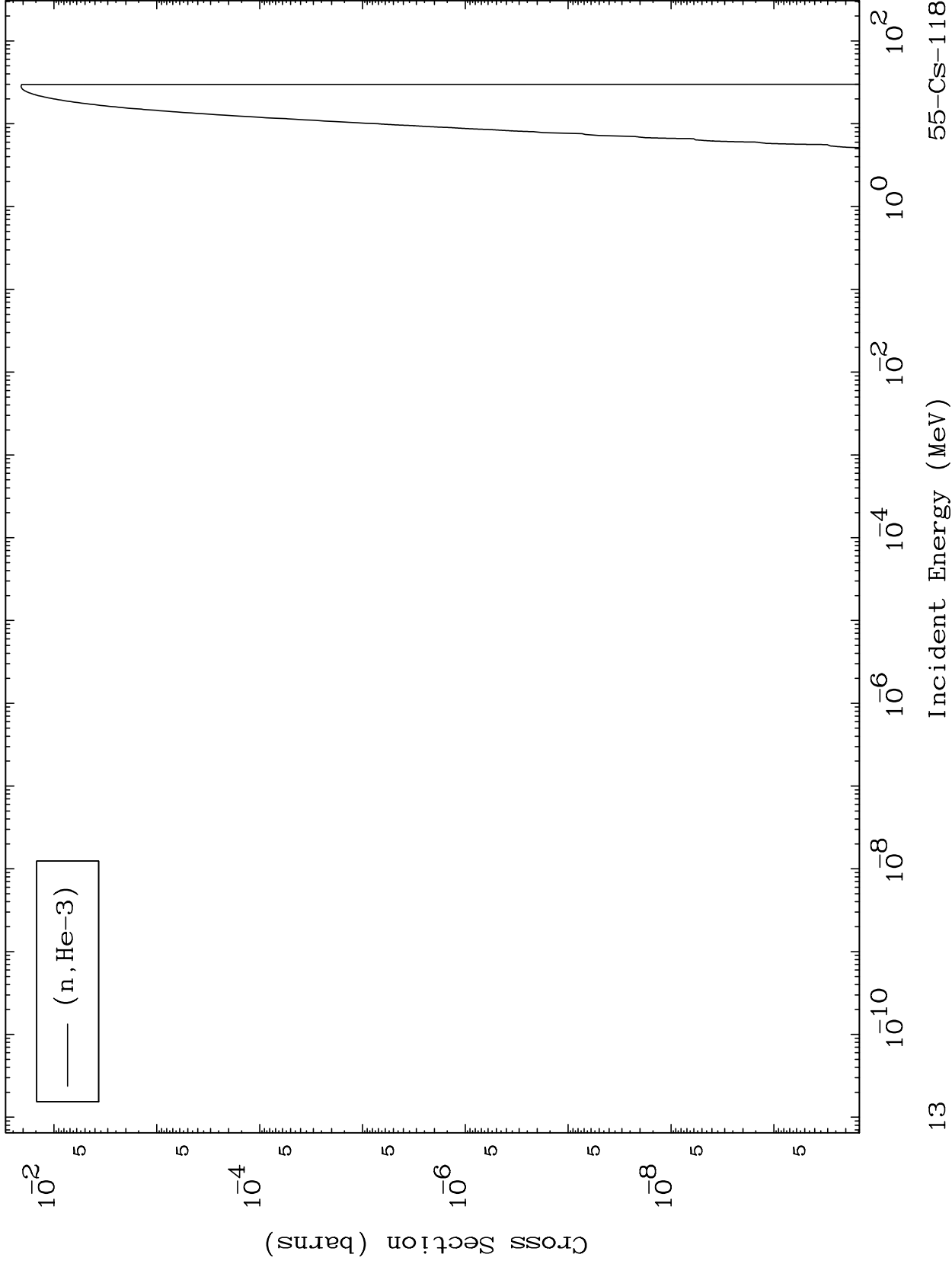
Incident Energy (MeV)

55-Cs-118

MAT 5480

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-118



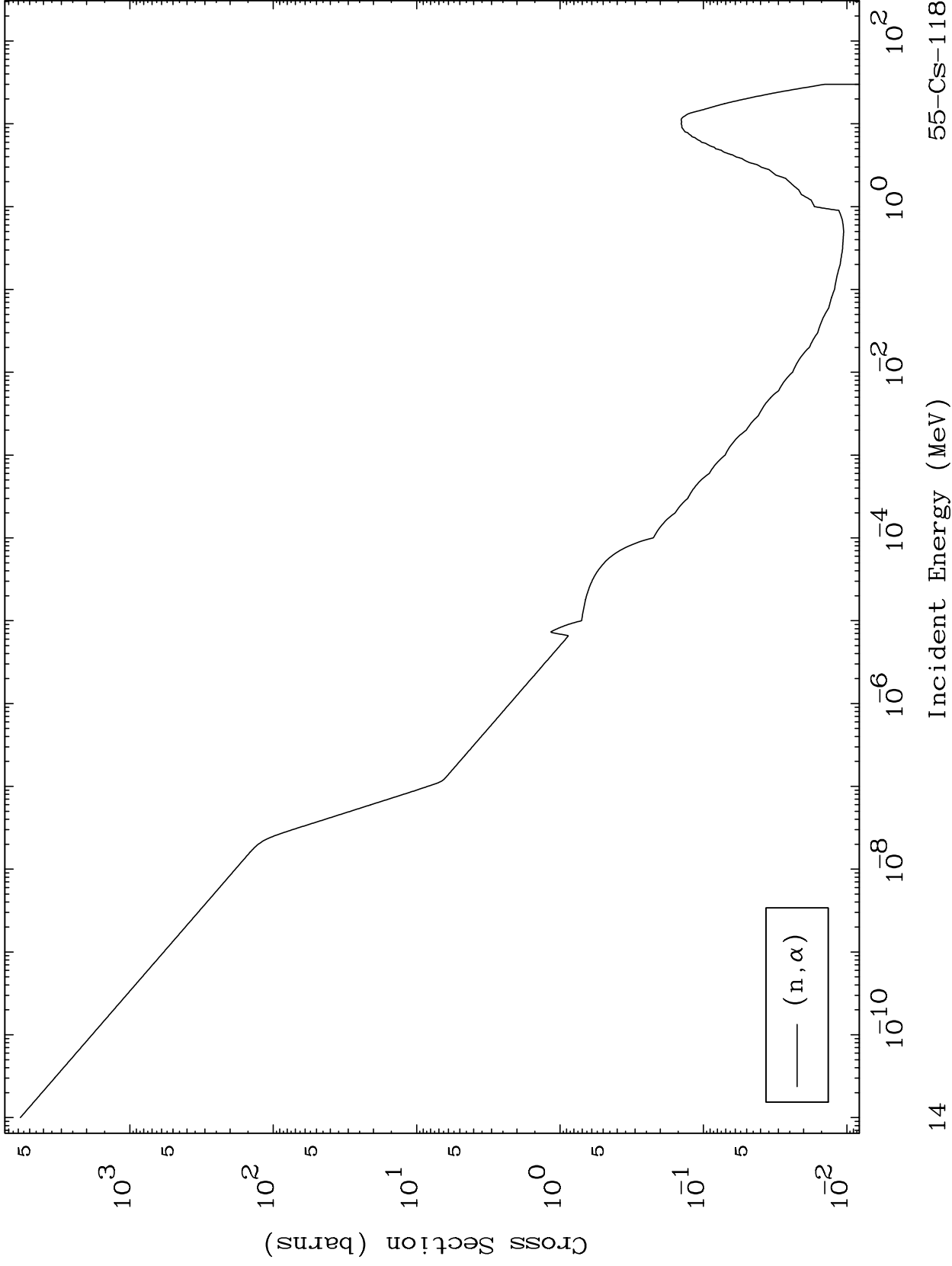
13

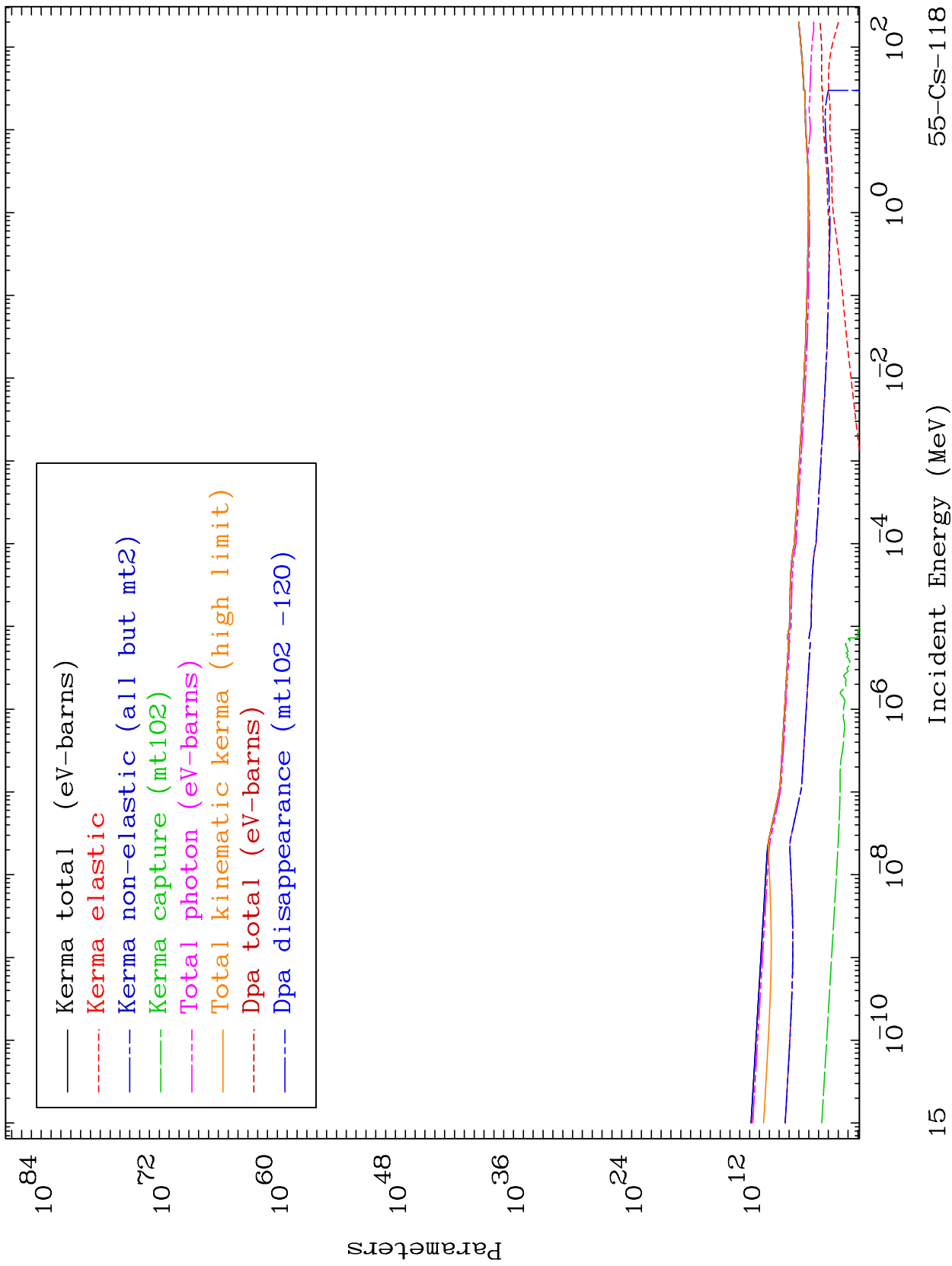
55-Cs-118

MAT 5480

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-118

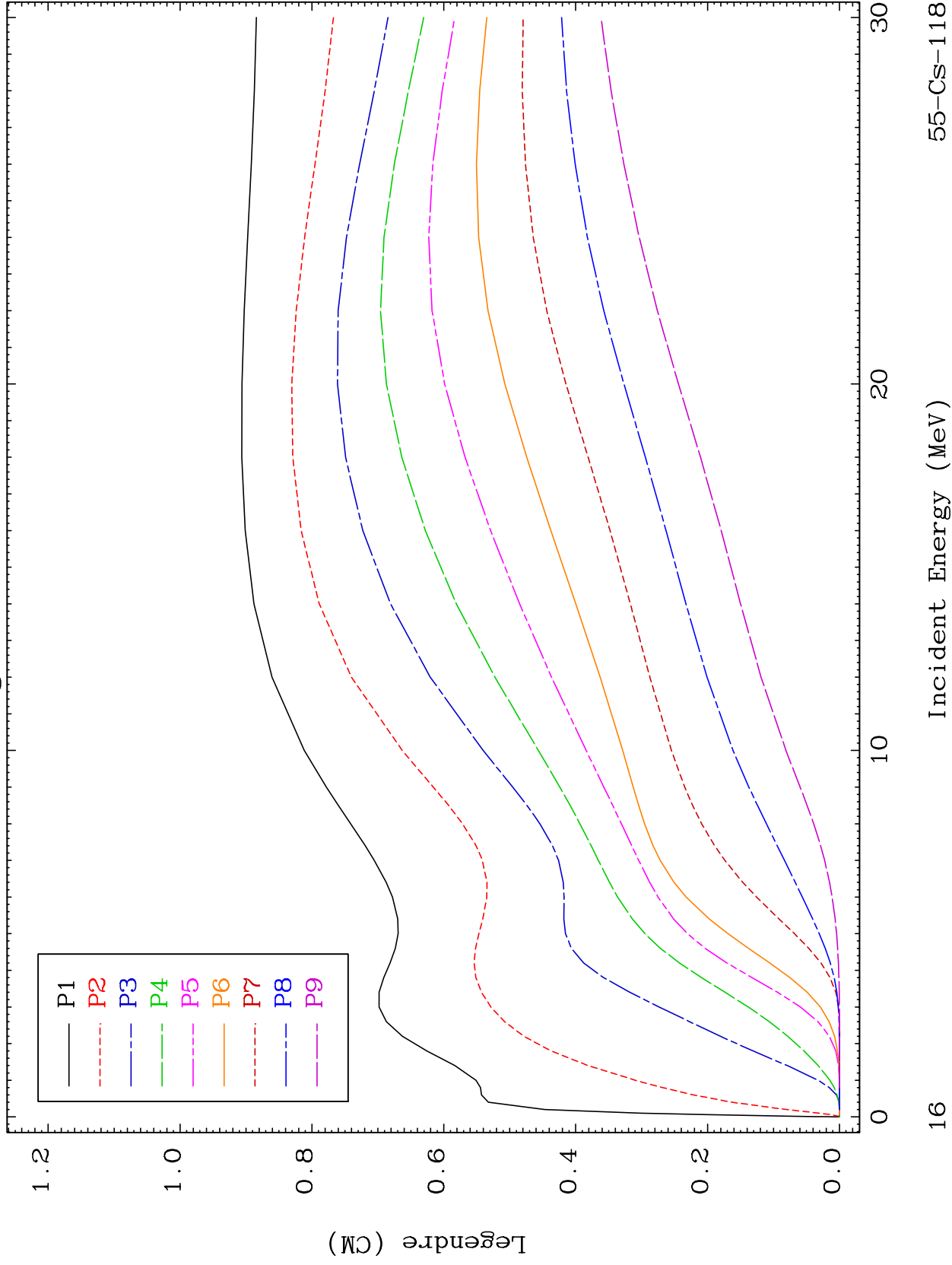




MAT 5480

Elastic Legendre Coefficients

55-Cs-118



16

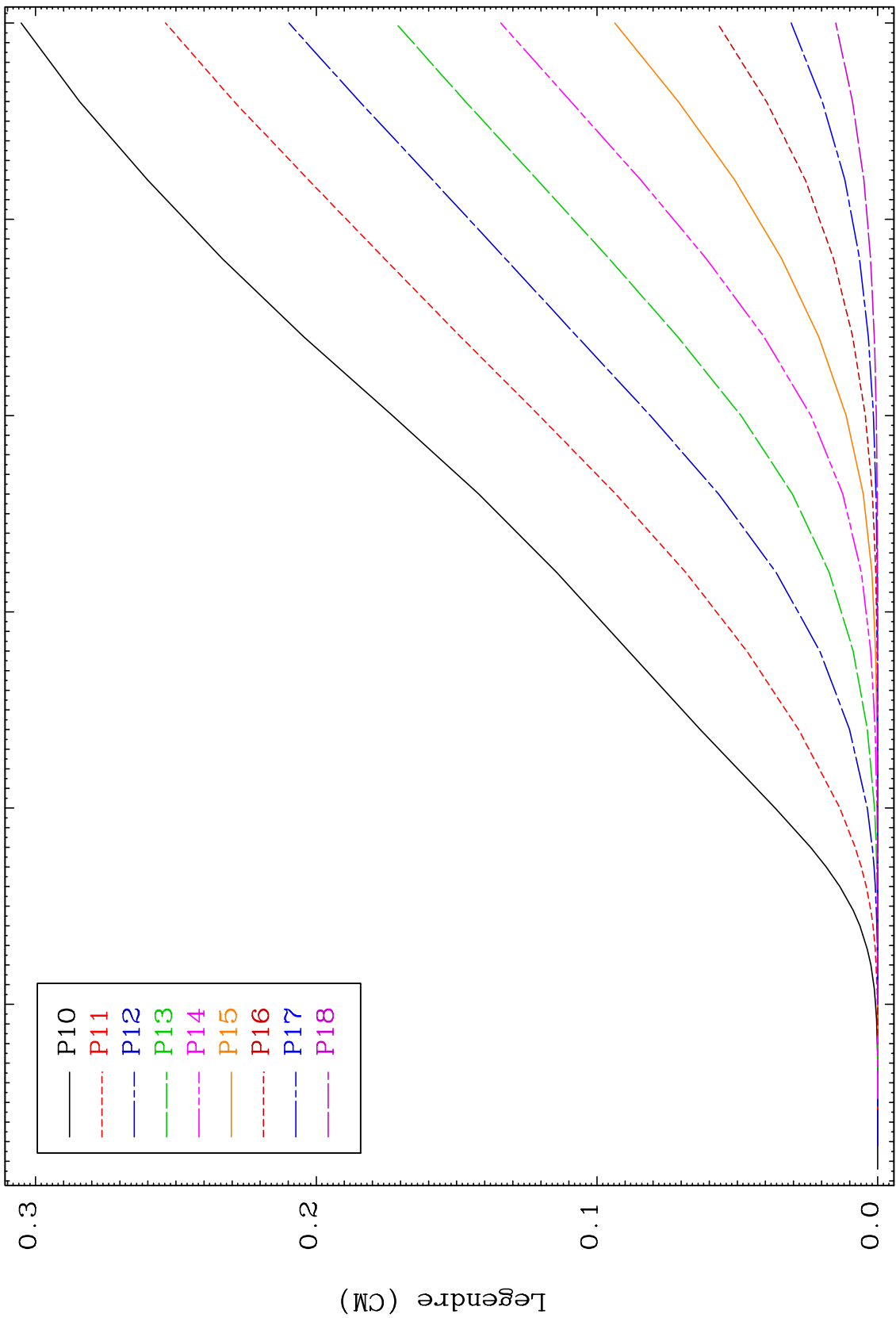
Incident Energy (MeV)

55-Cs-118

MAT 5480

Elastic Legendre Coefficients

55-Cs-118



17

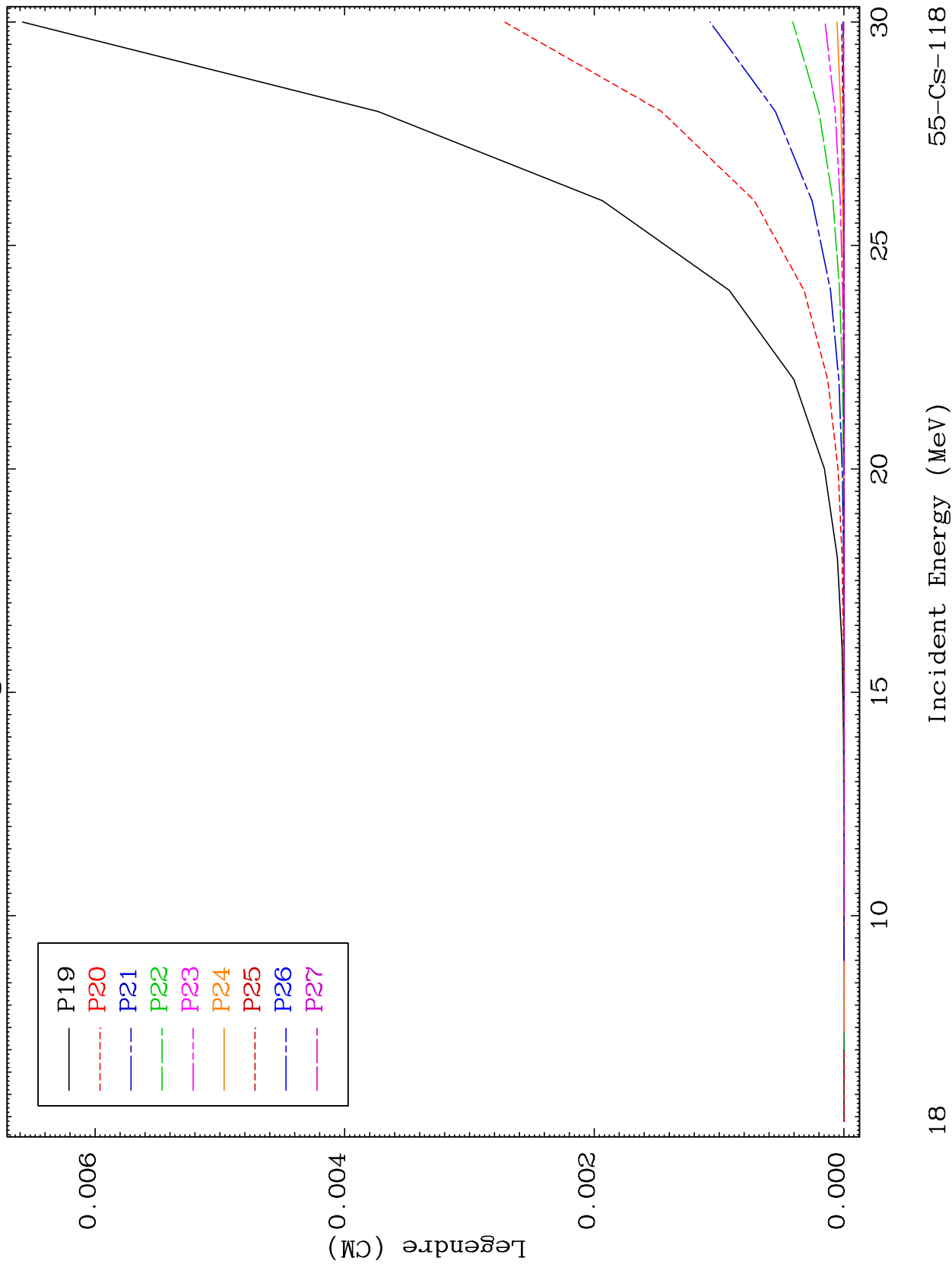
Incident Energy (MeV)

55-Cs-118

MAT 5480

Elastic
Legendre Coefficients

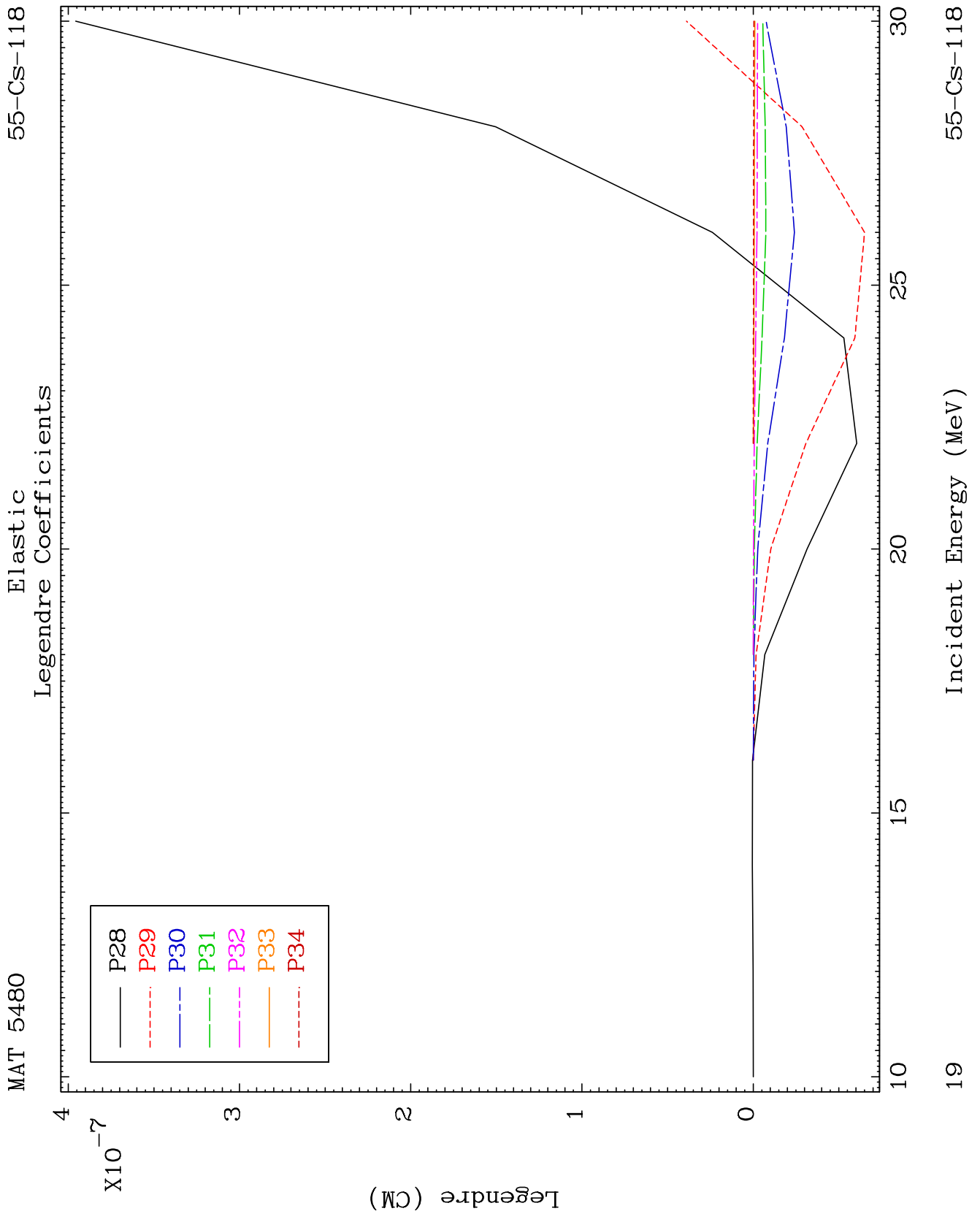
55-Cs-118

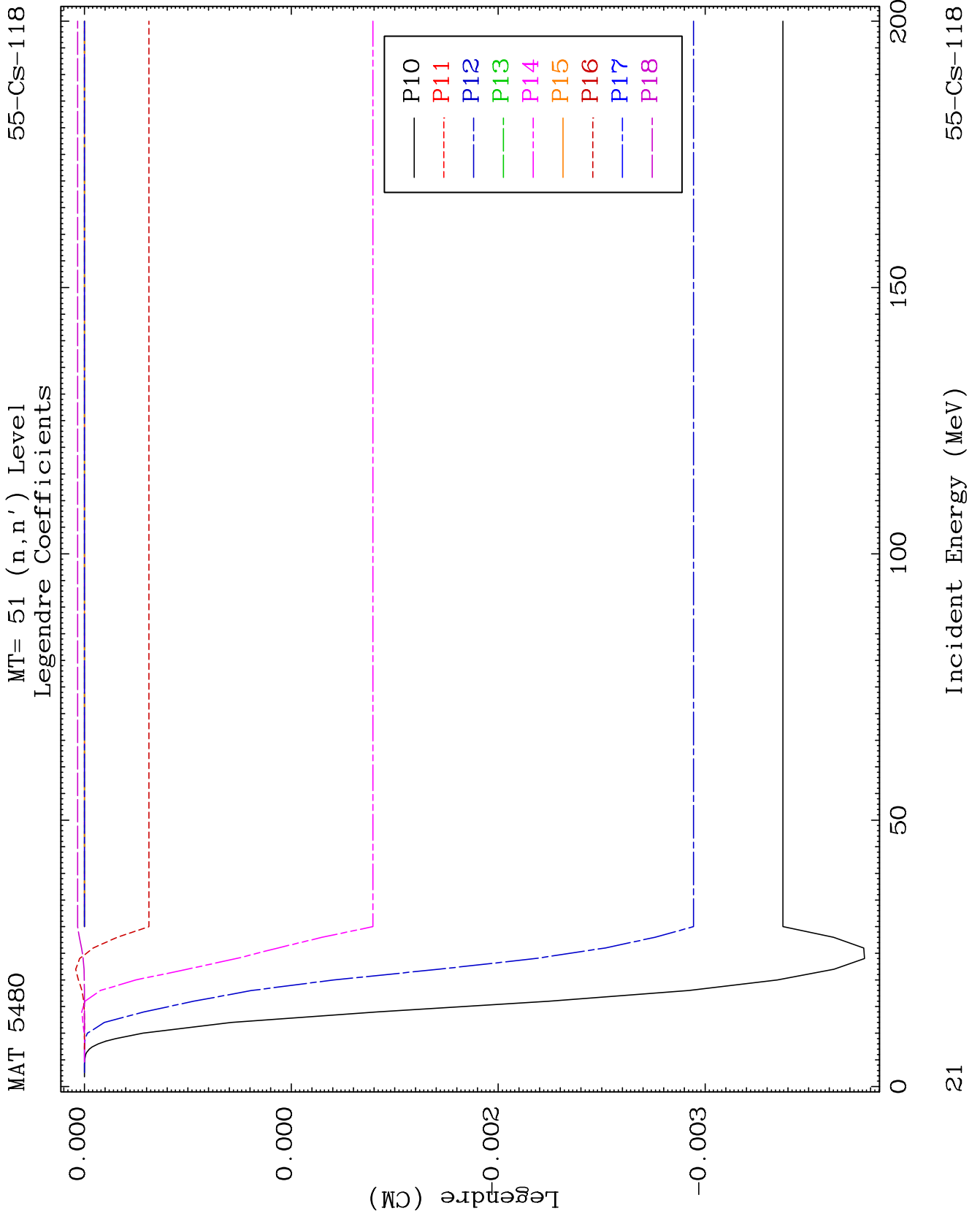


18

Incident Energy (MeV)

55-Cs-118

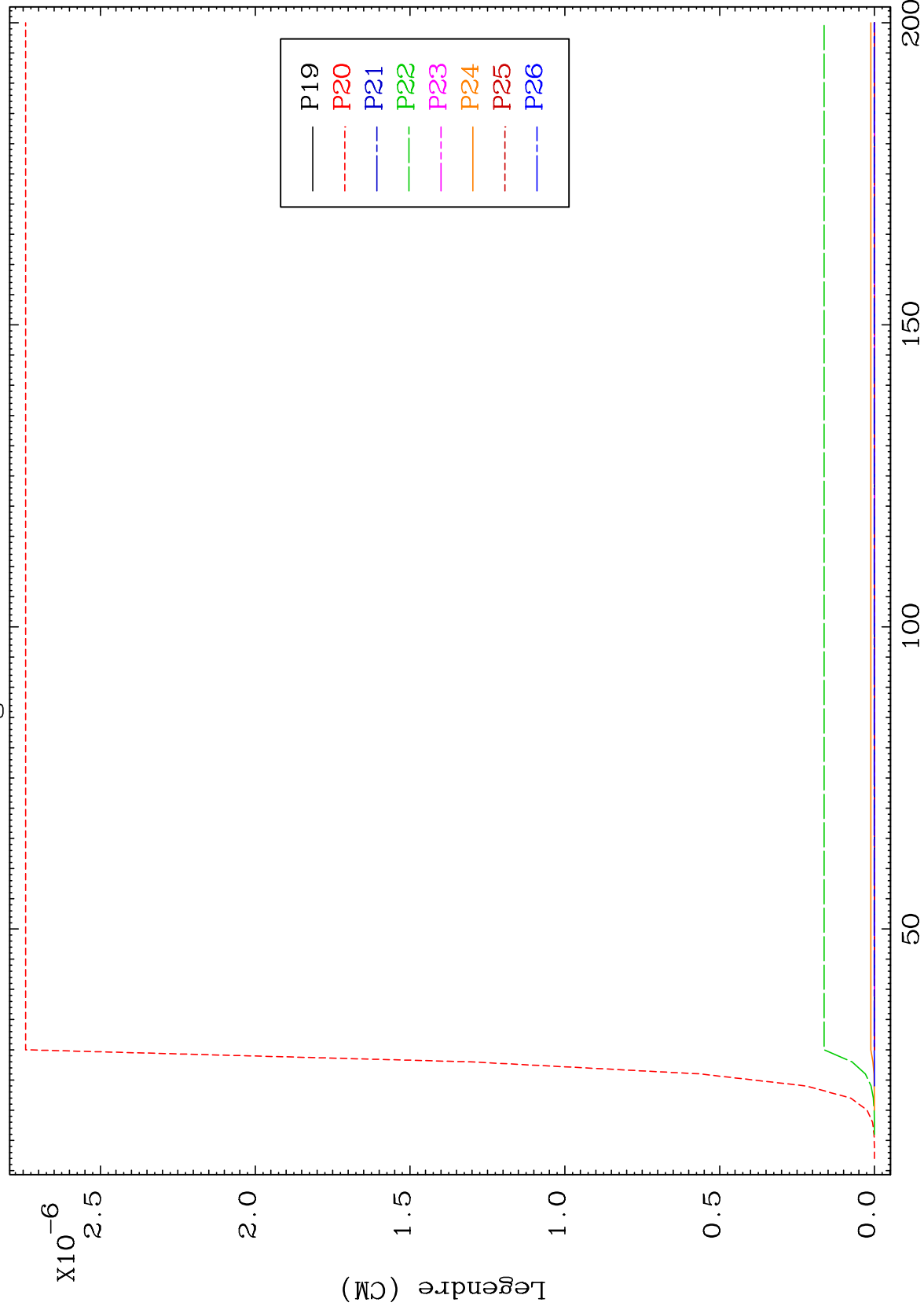




MAT 5480

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

55-Cs-118



55-Cs-118

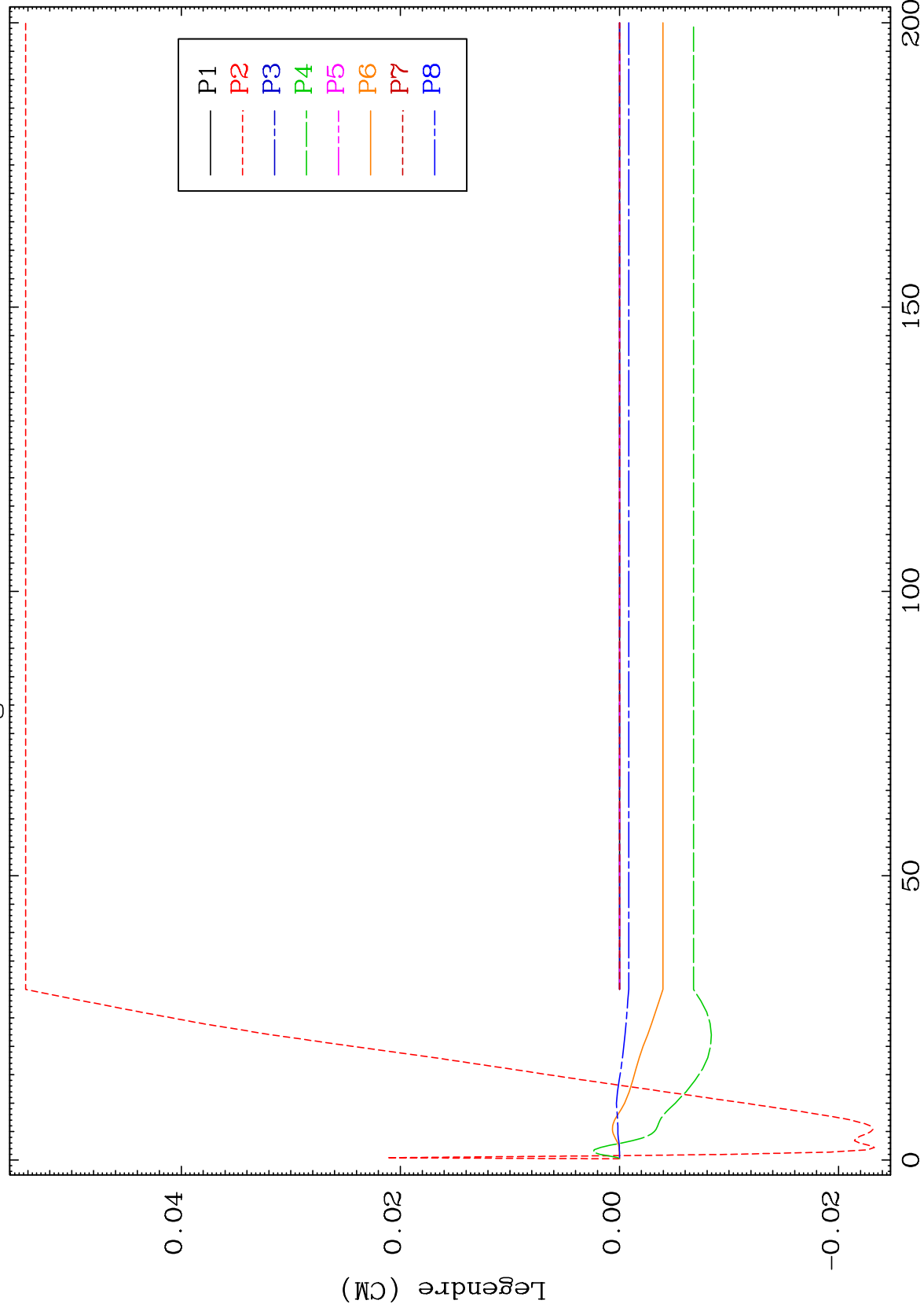
Incident Energy (MeV)

22

MAT 5480

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

55-Cs-118



55-Cs-118

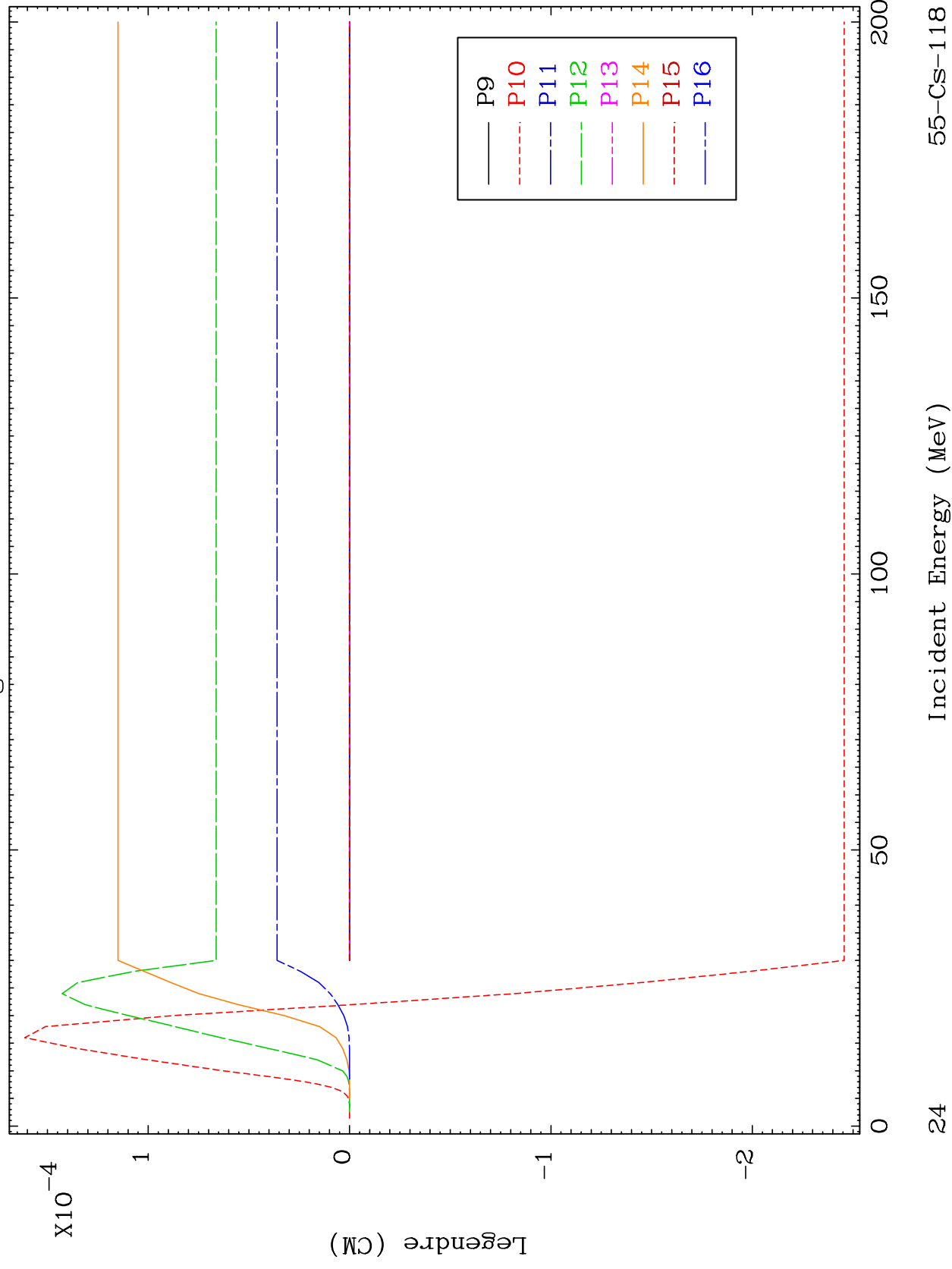
Incident Energy (MeV)

23

MAT 5480

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

55-Cs-118



55-Cs-118

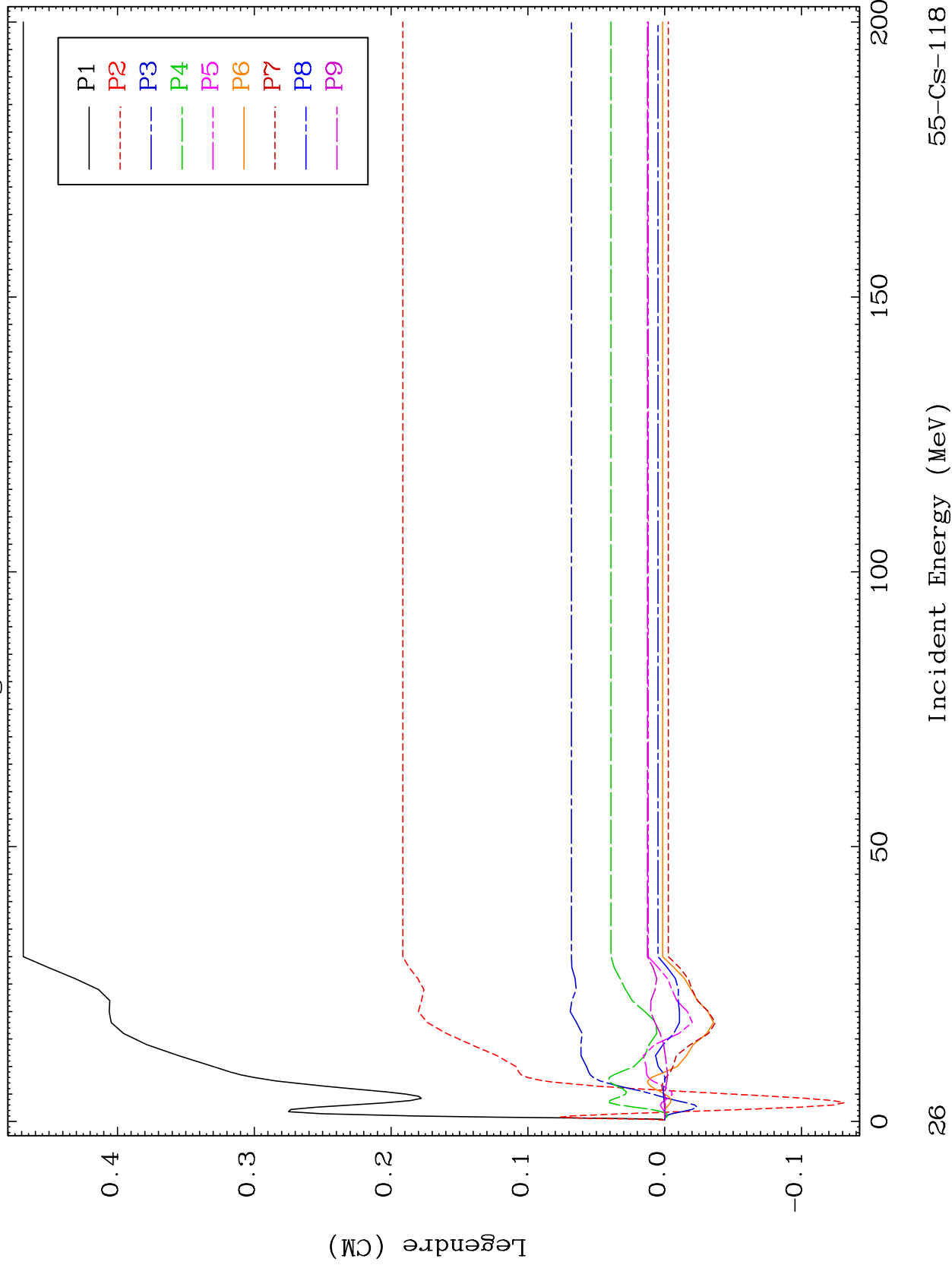
Incident Energy (MeV)

24

MAT 5480

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

55-Cs-118



55-Cs-118

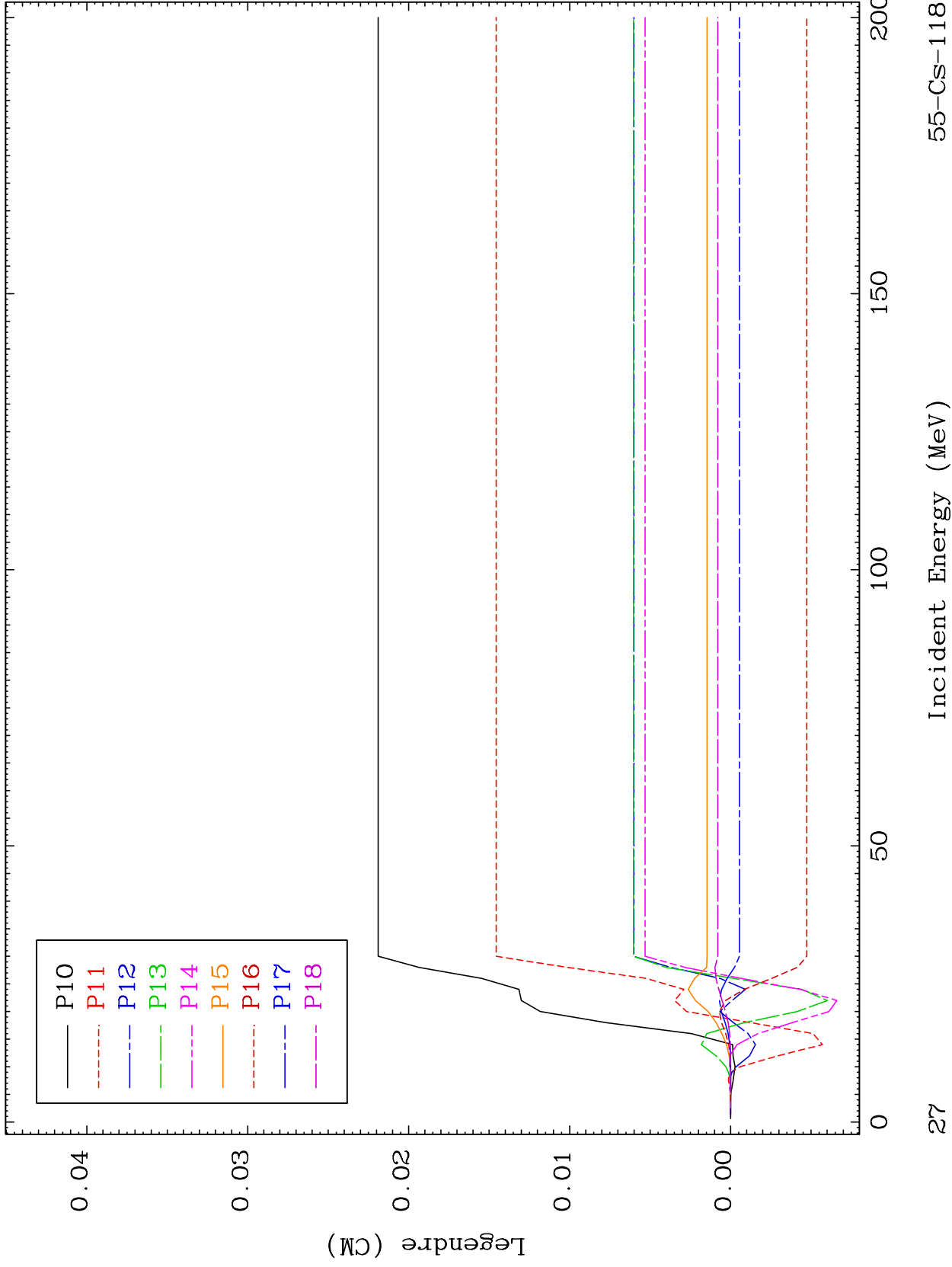
Incident Energy (MeV)

26

MAT 5480

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

55-Cs-118



27

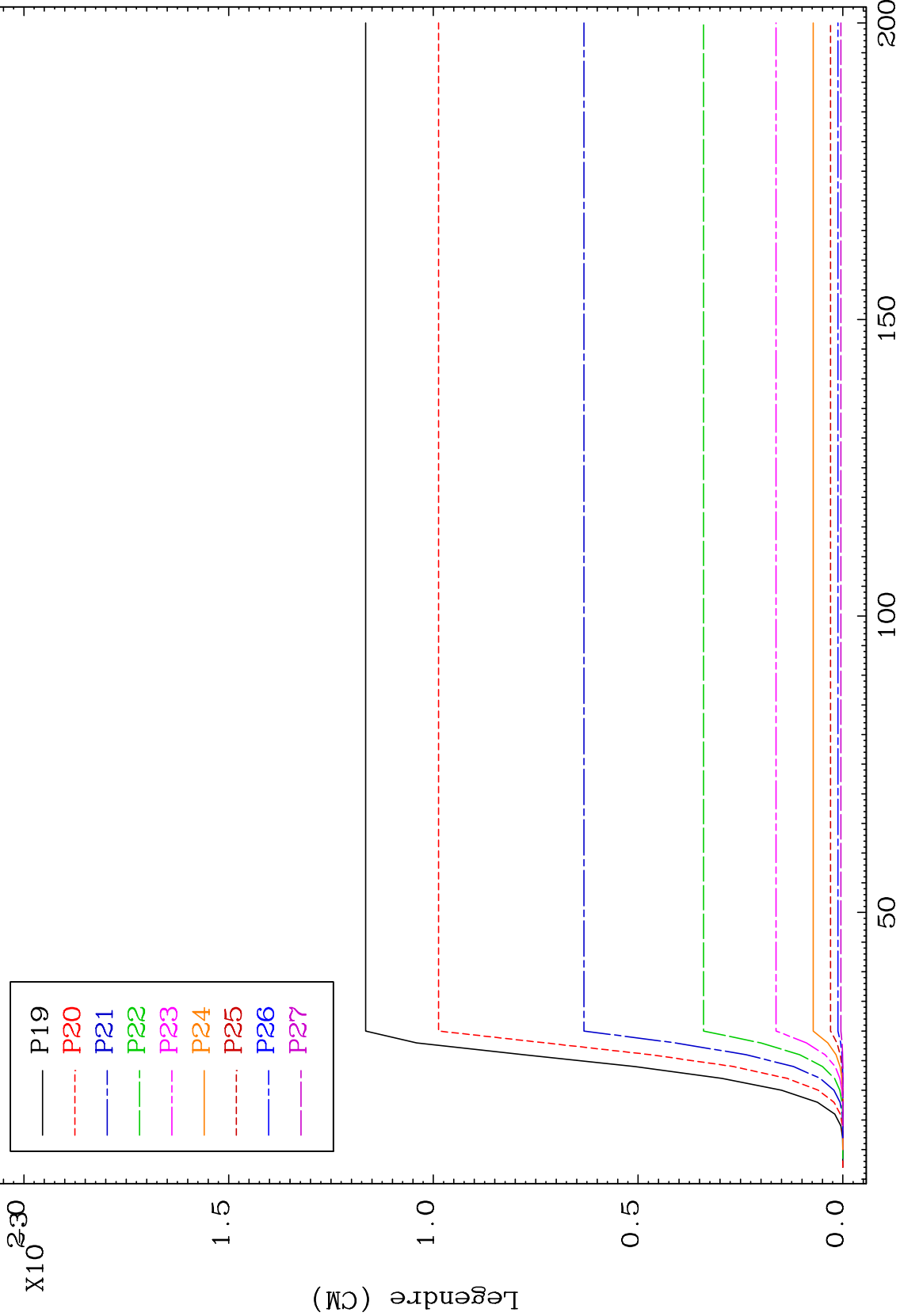
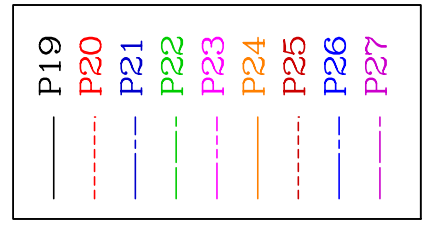
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



28

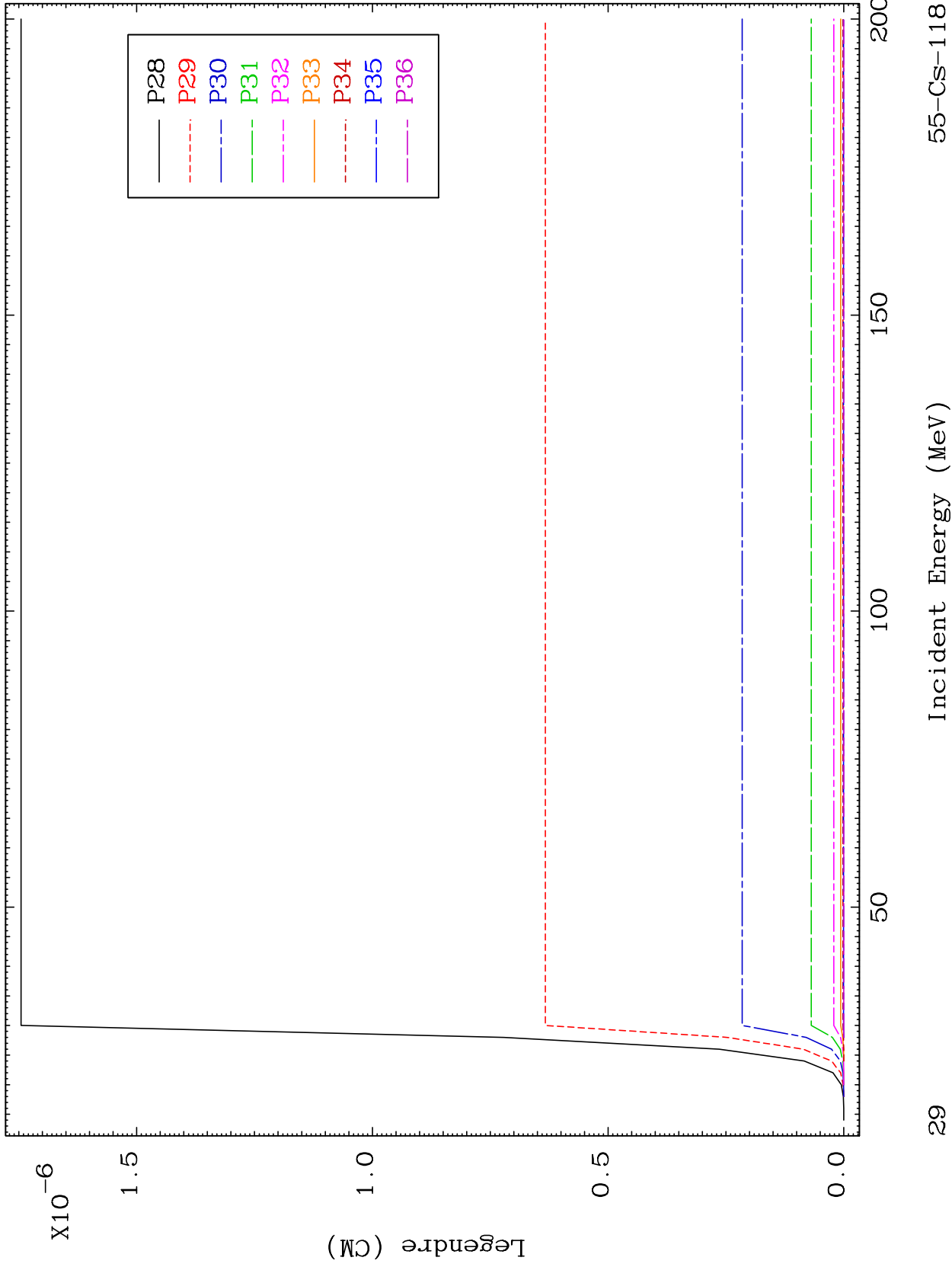
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

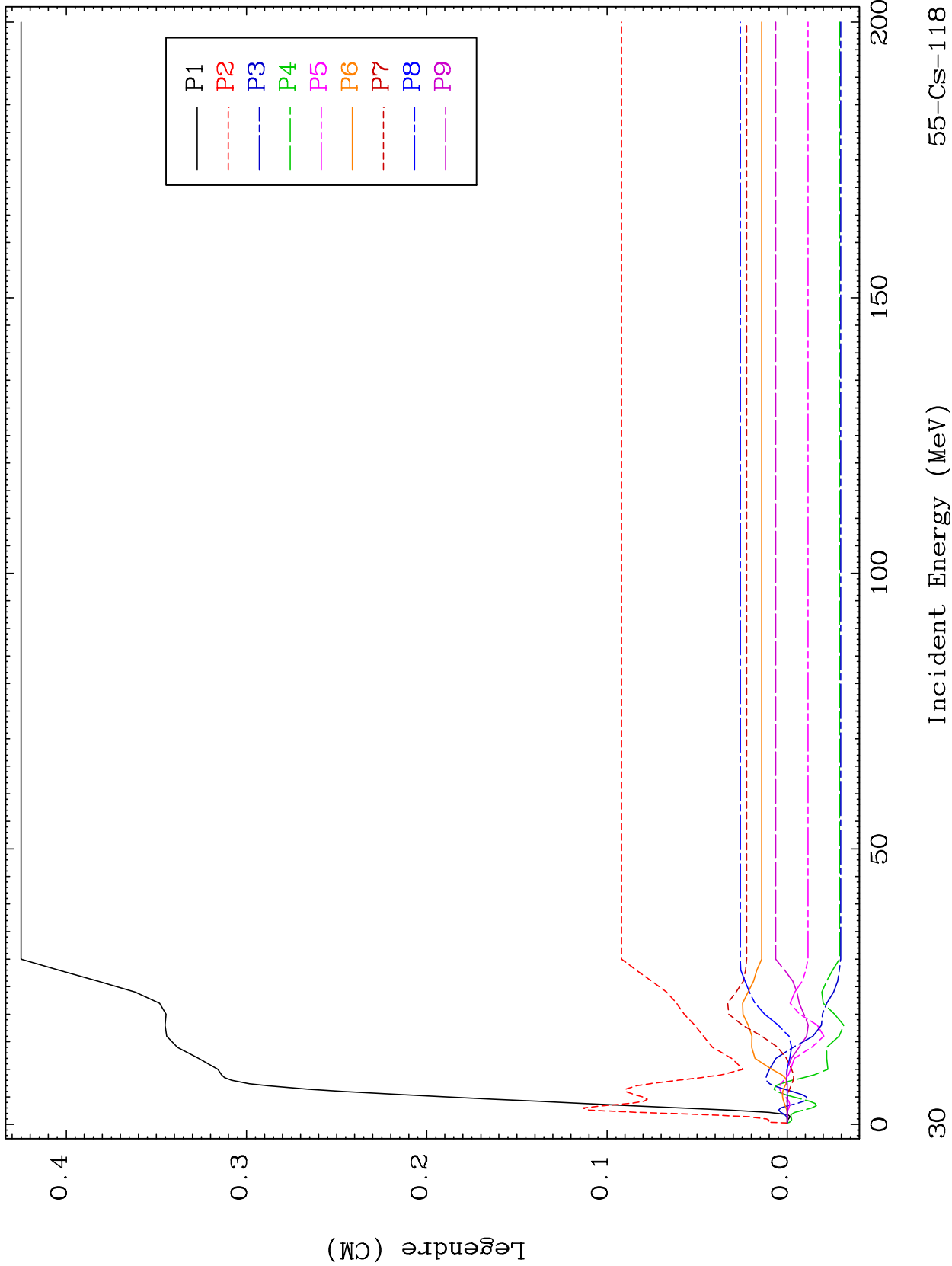
55-Cs-118



MAT 5480

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

55-Cs-118

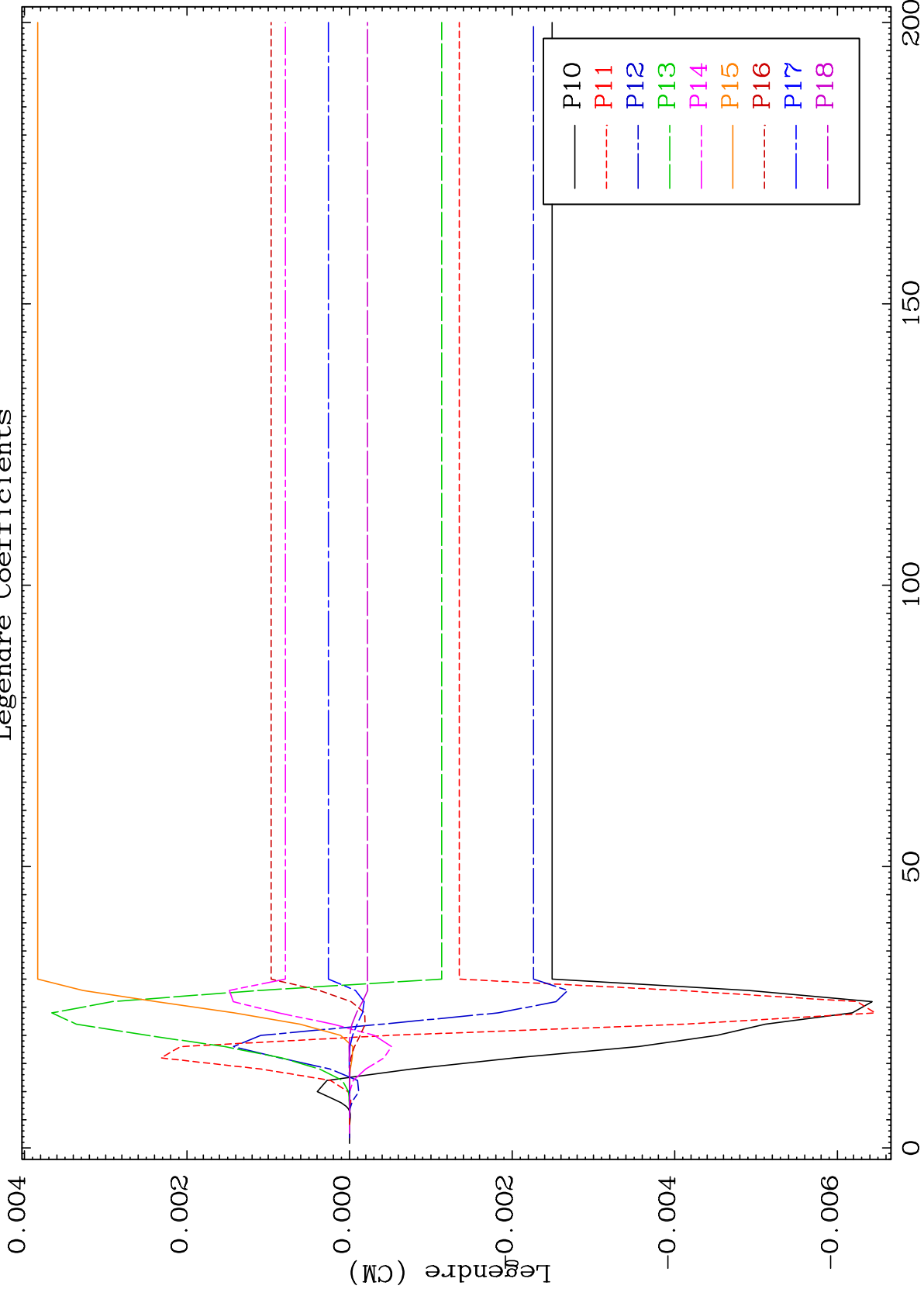


55-Cs-118

MAT 5480

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

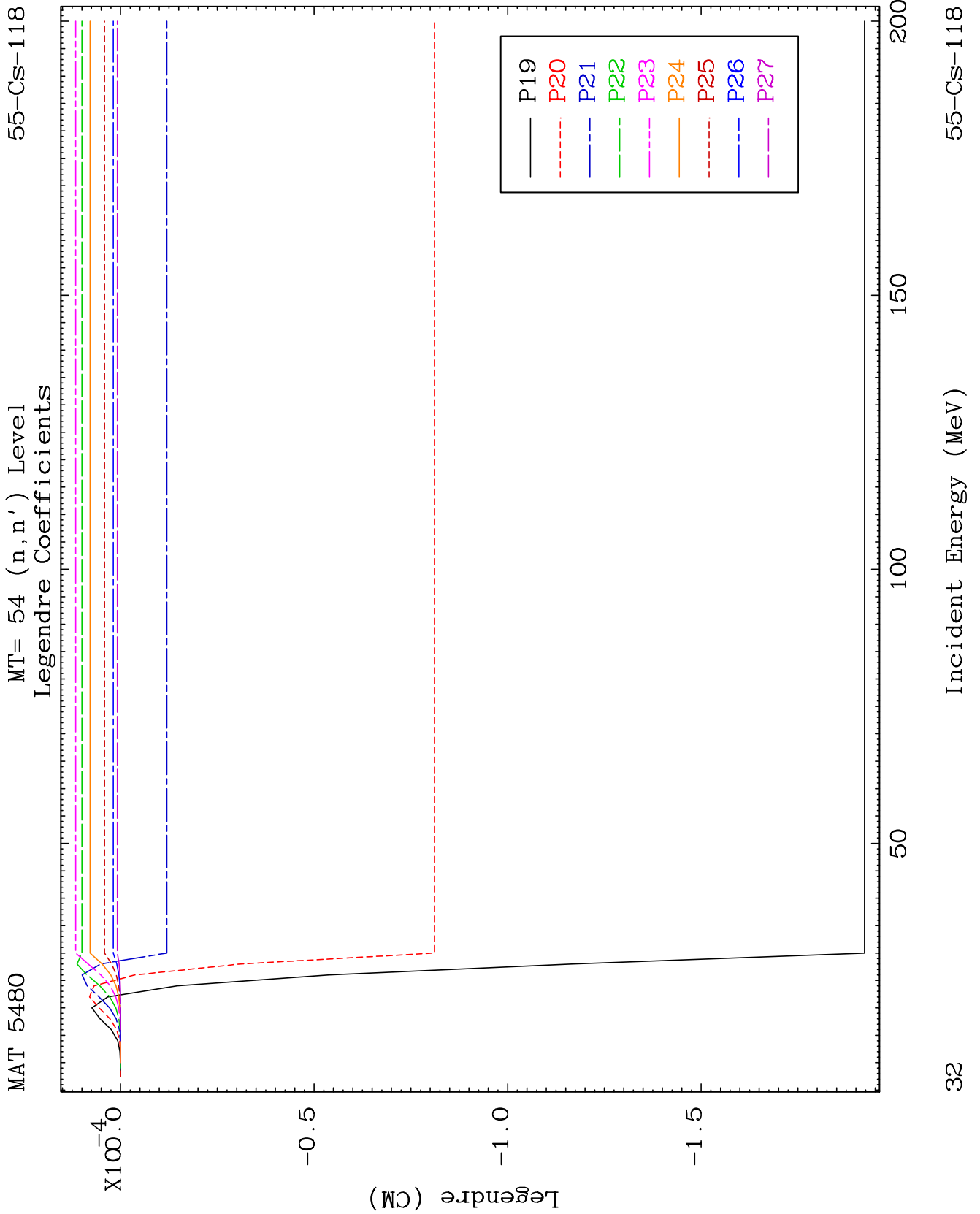
55-Cs-118



31

Incident Energy (MeV)

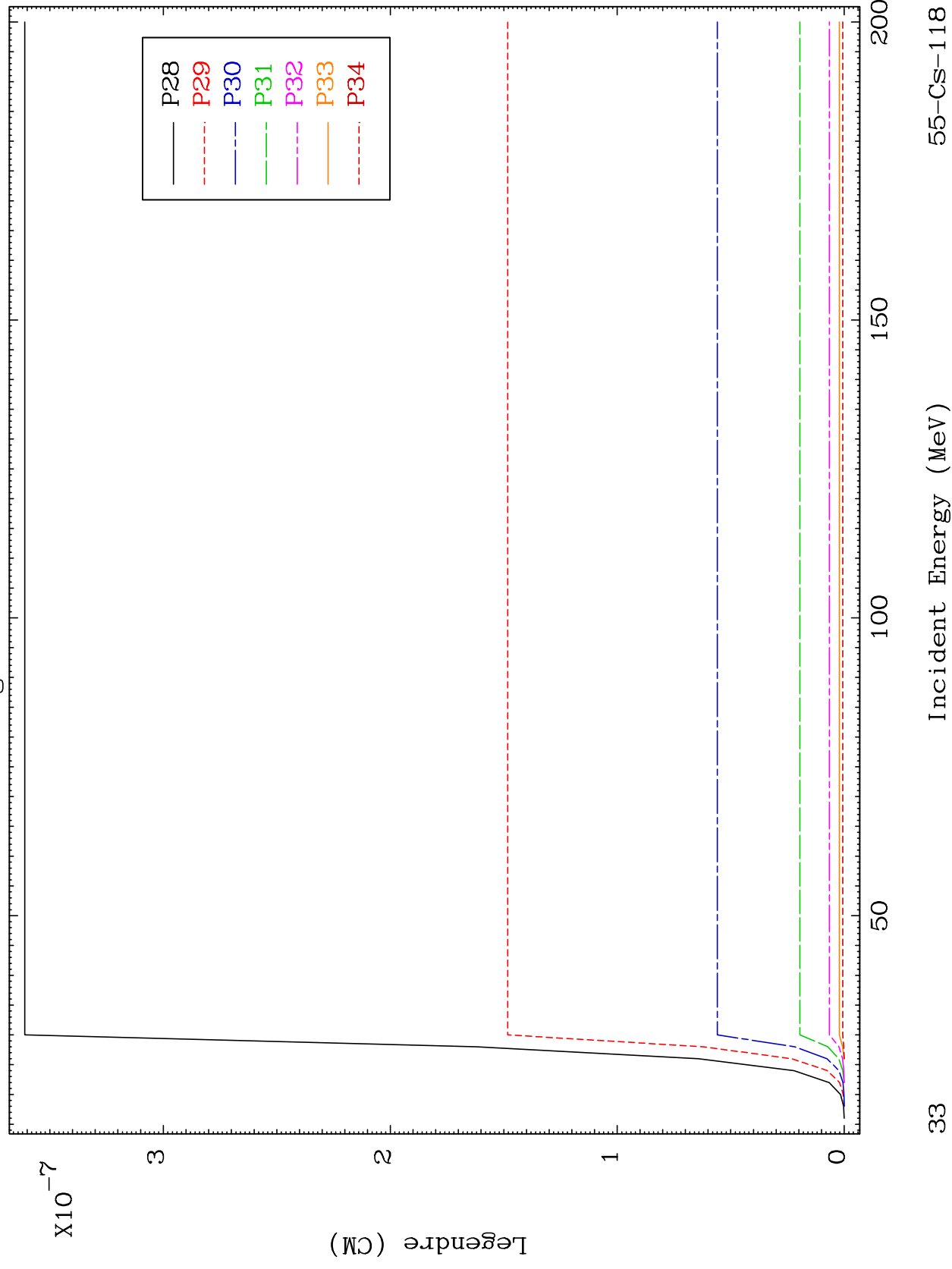
55-Cs-118



MAT 5480

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

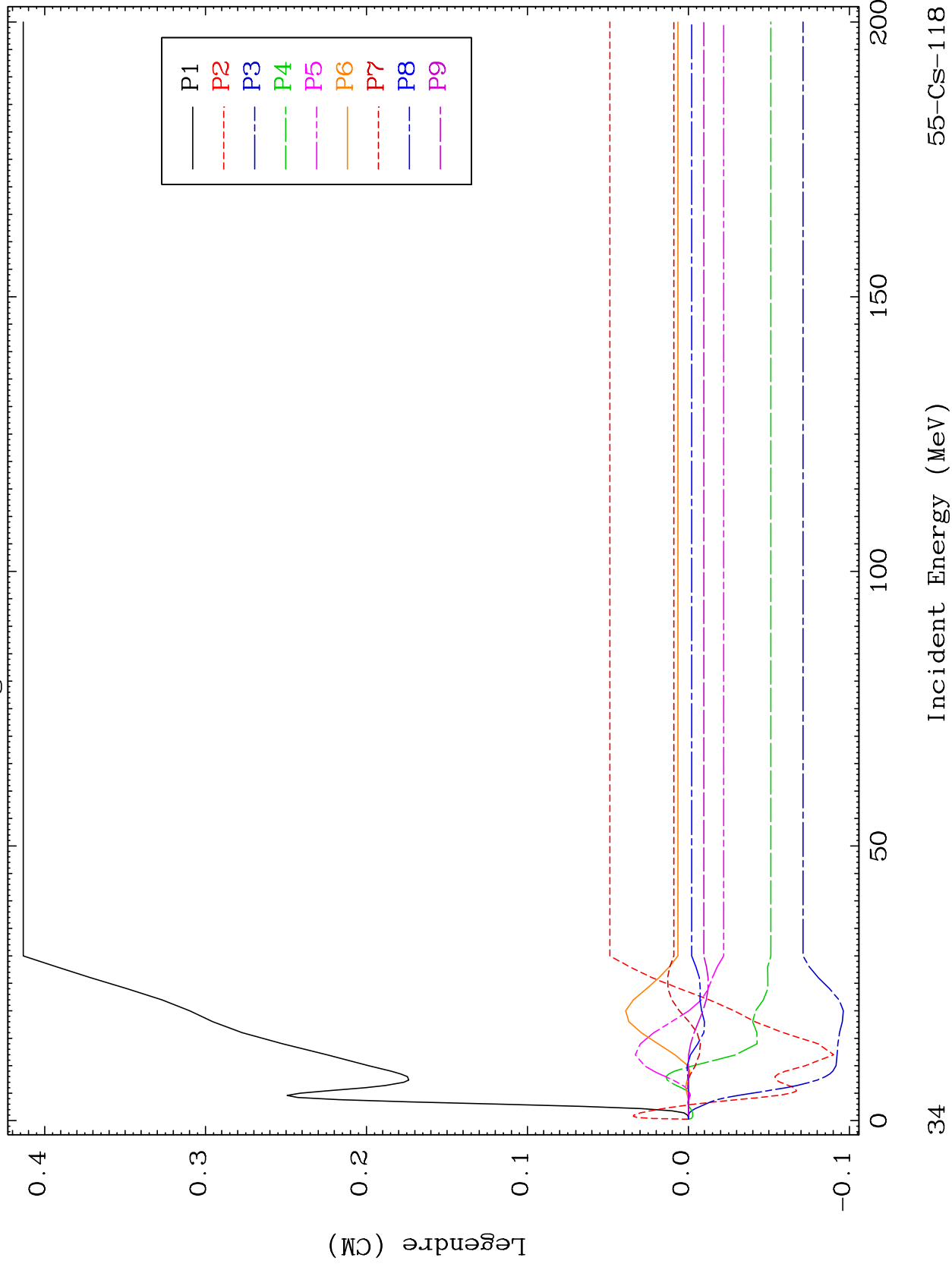
55-Cs-118



MAT 5480

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

55-Cs-118

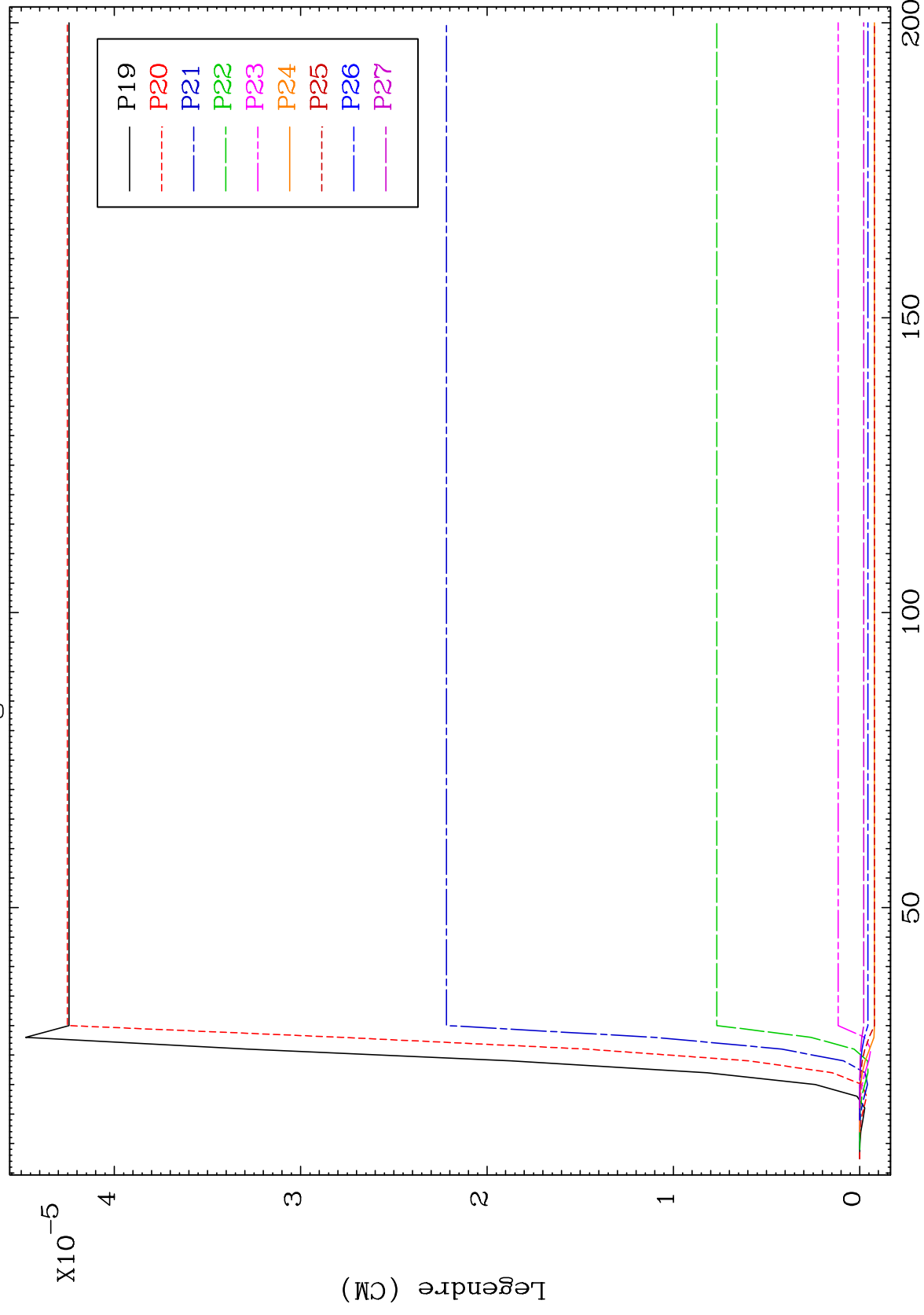


34

MAT 5480

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

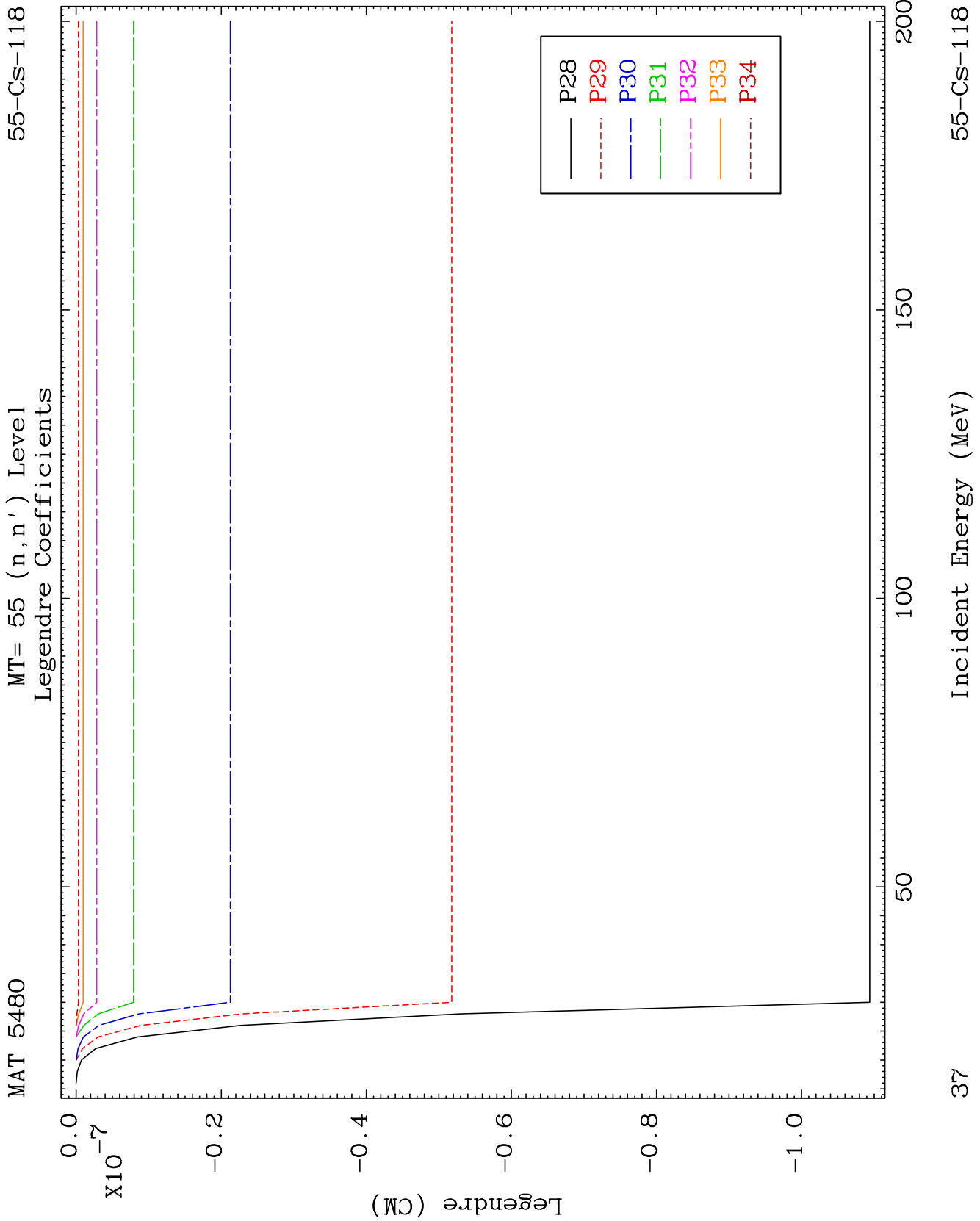
55-Cs-118



36

Incident Energy (MeV)

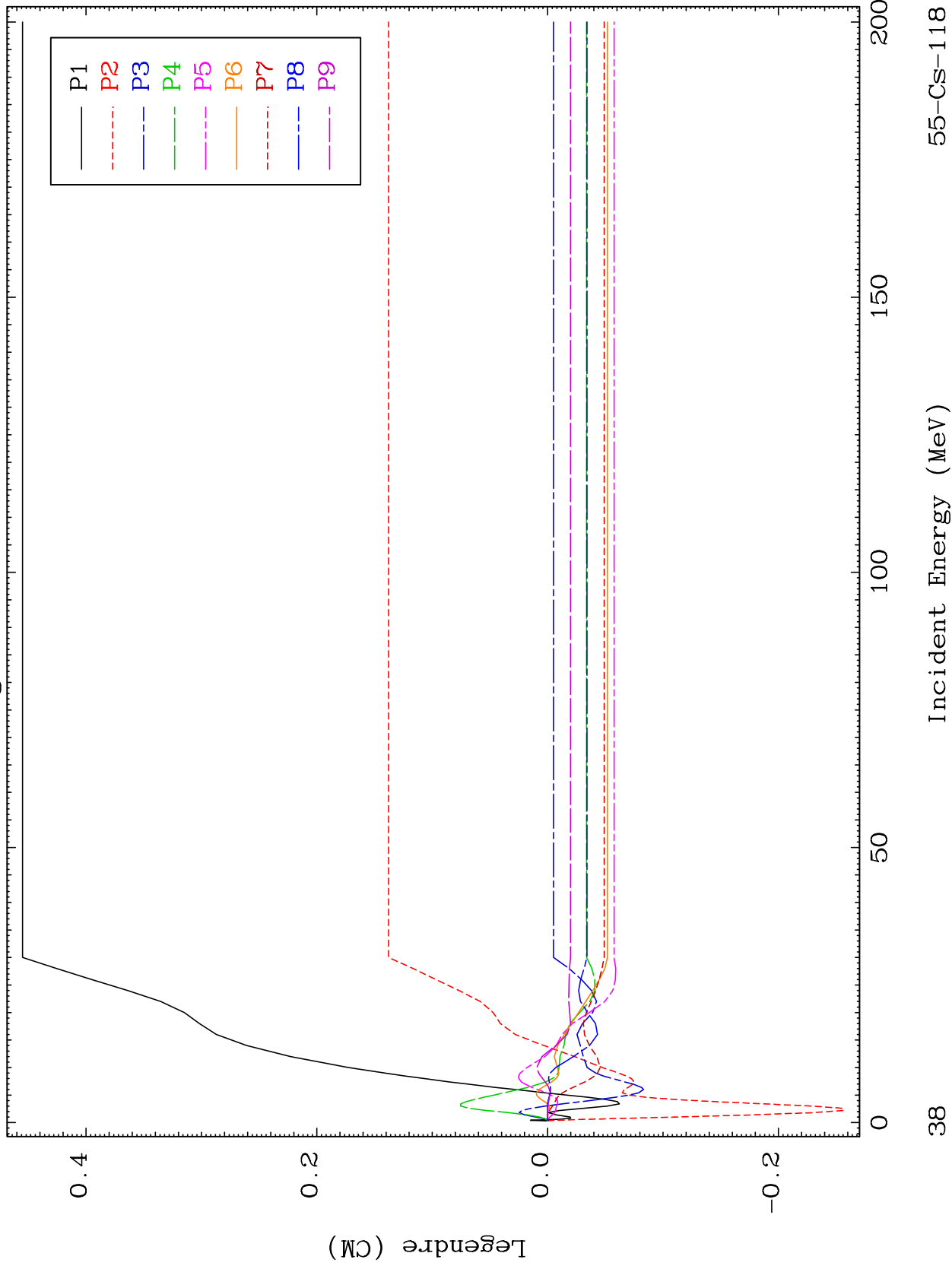
55-Cs-118



MAT 5480

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

55-Cs-118



55-Cs-118

Incident Energy (MeV)

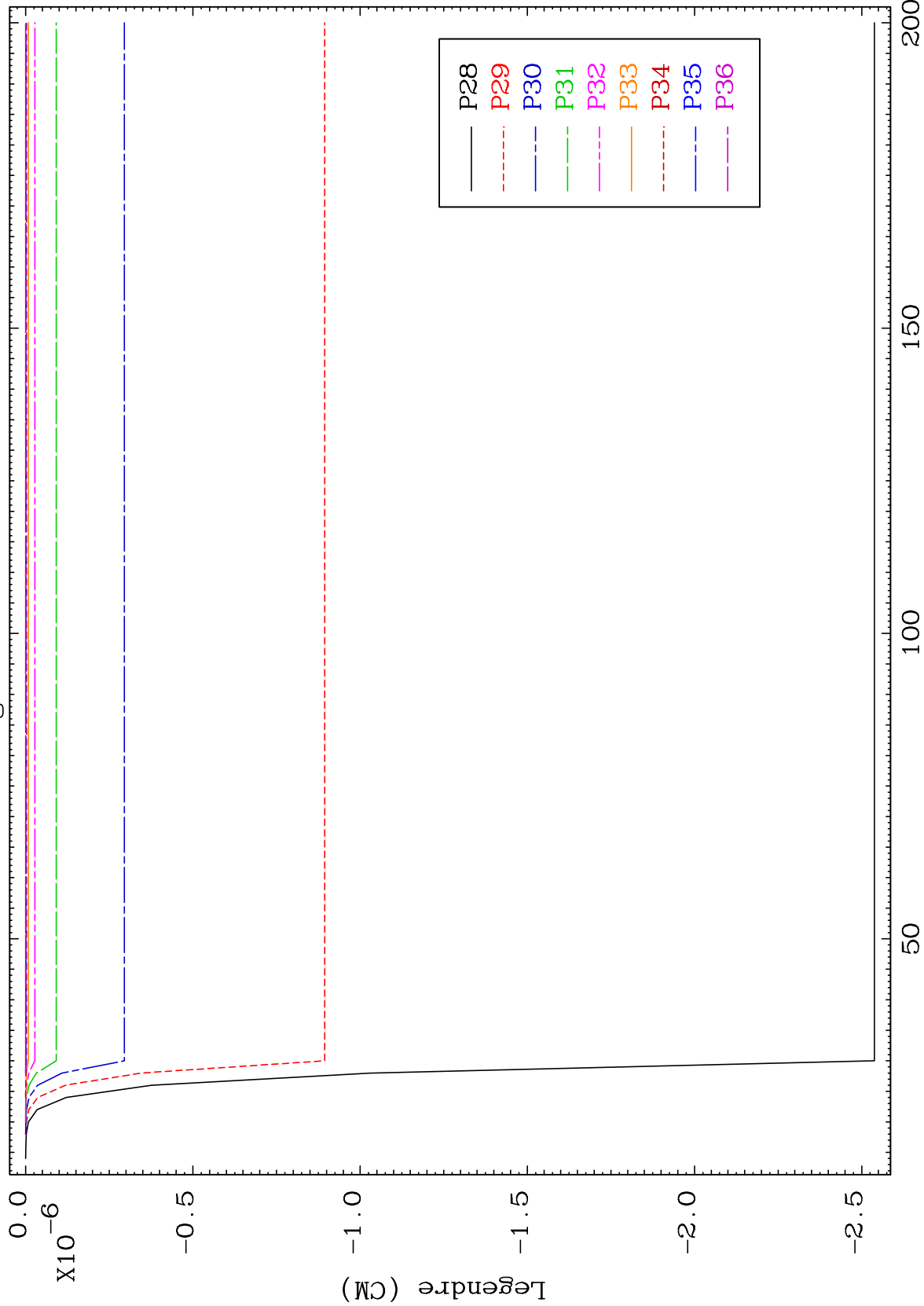
38

MAT 5480

MT= 56 (n,n') Level

55-Cs-118

Legendre Coefficients



55-Cs-118

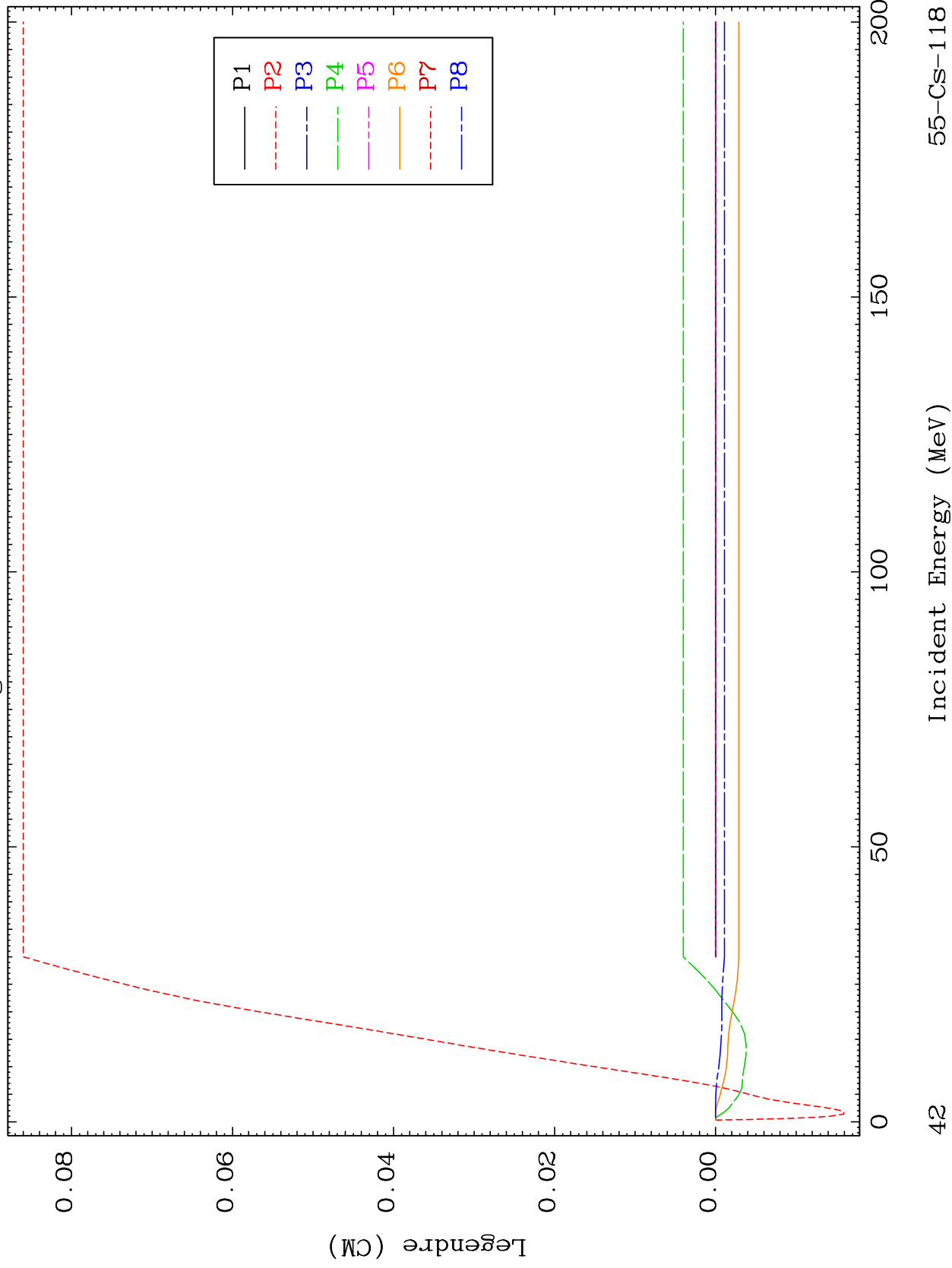
Incident Energy (MeV)

41

MAT 5480

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

55-Cs-118



55-Cs-118

Incident Energy (MeV)

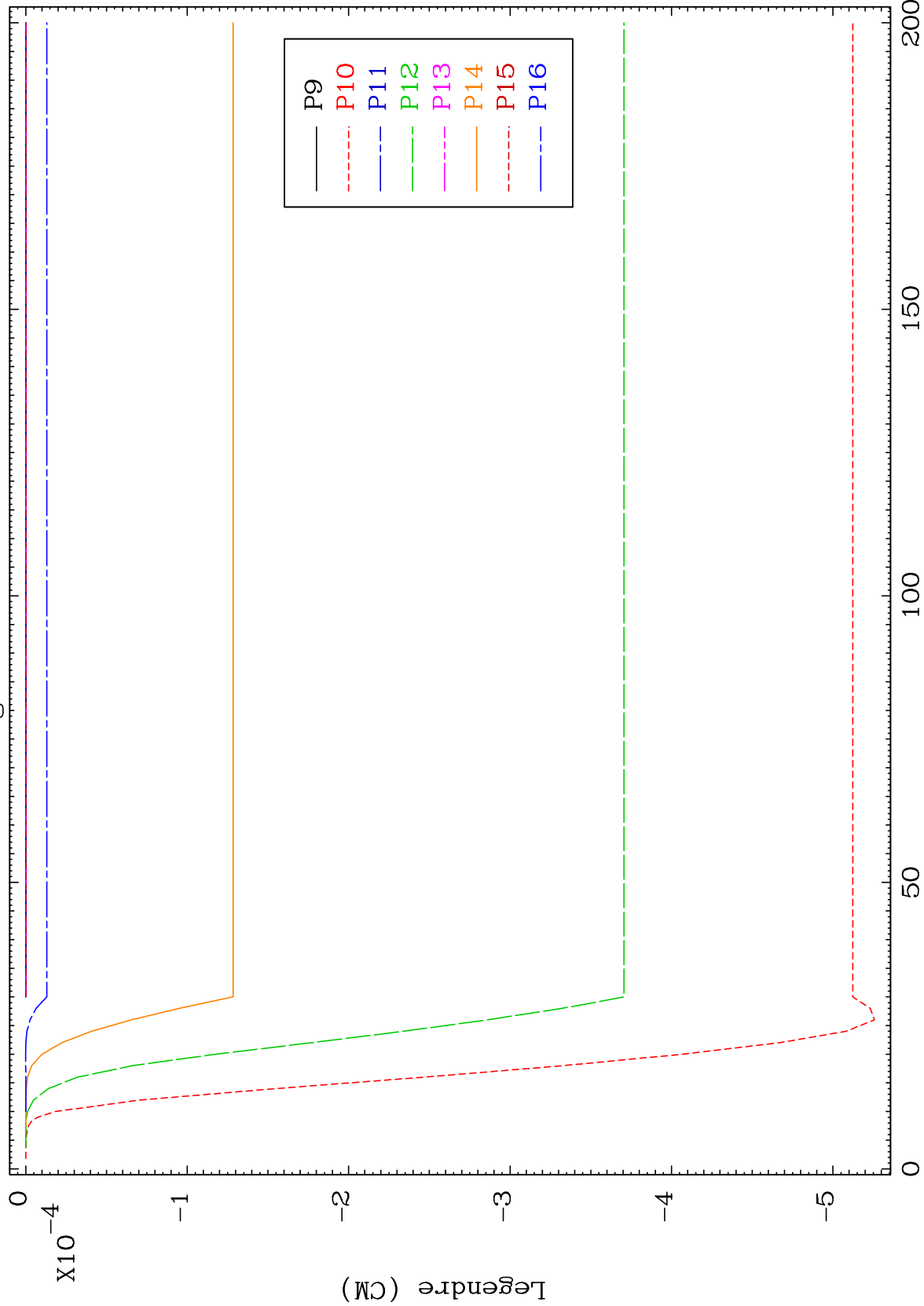
42

MAT 5480

MT= 57 (n,n') Level

55-Cs-118

Legendre Coefficients



55-Cs-118

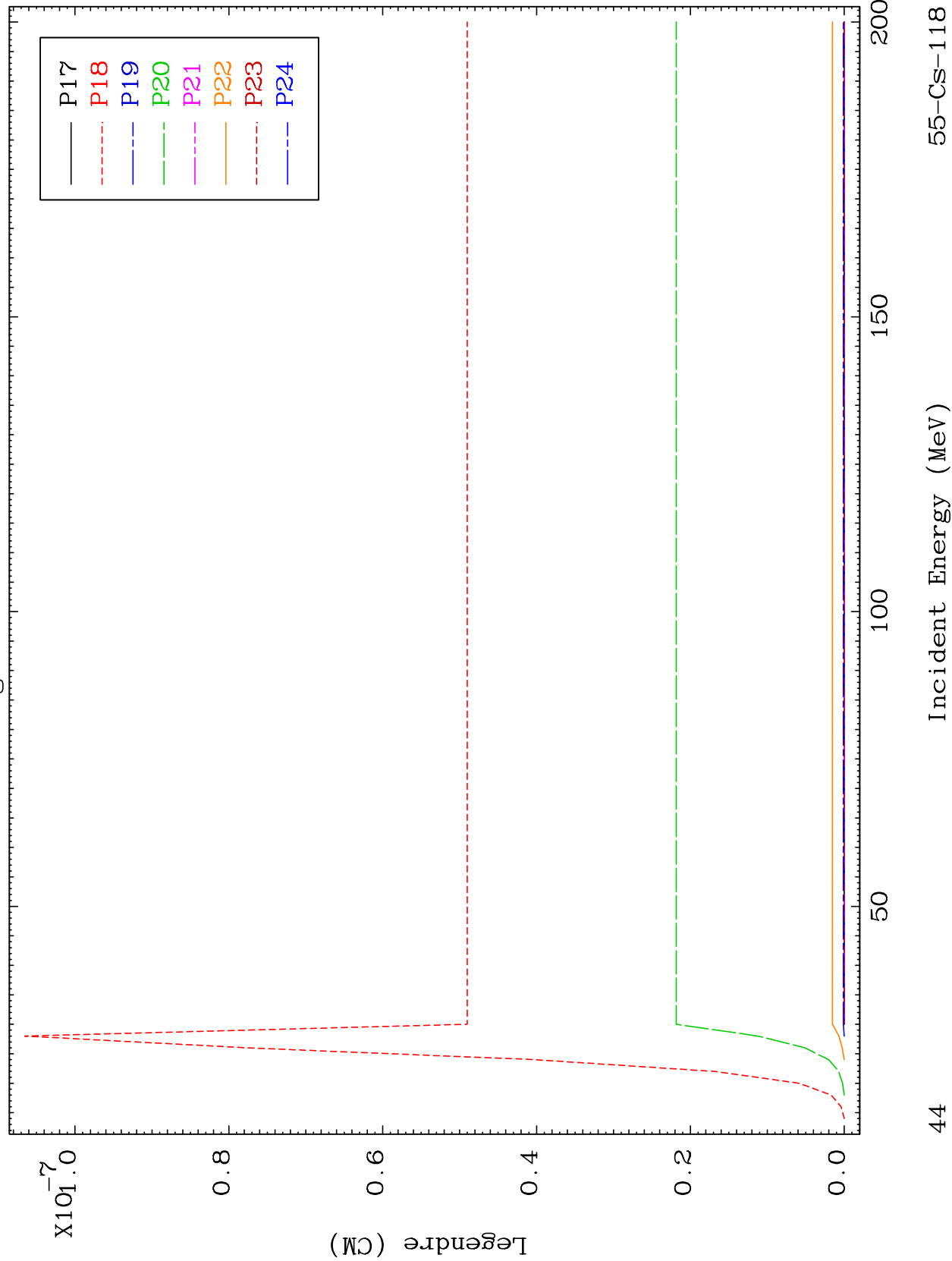
Incident Energy (MeV)

43

MAT 5480

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

55-Cs-118



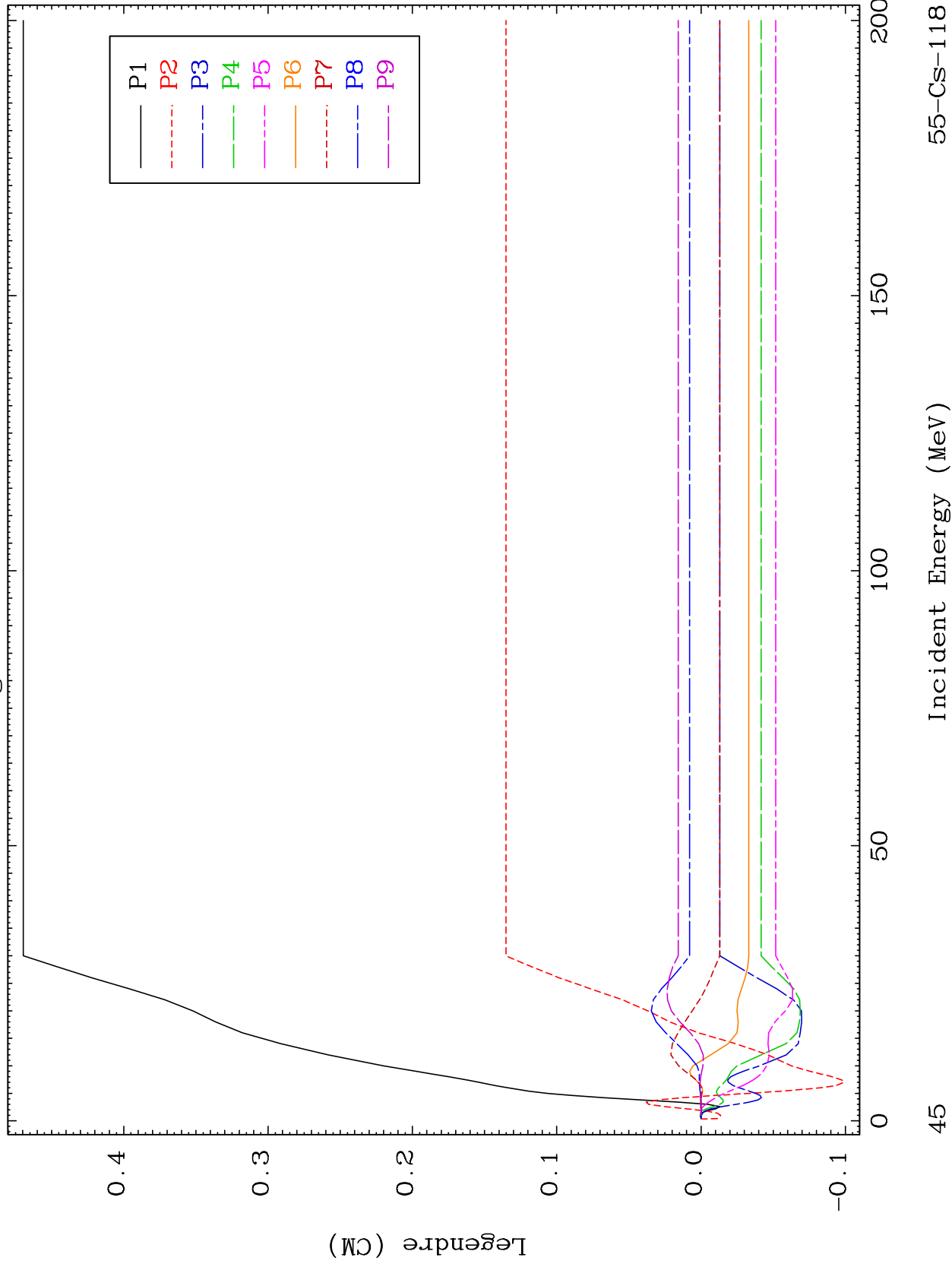
44

55-Cs-118

MAT 5480

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

55-Cs-118



55-Cs-118

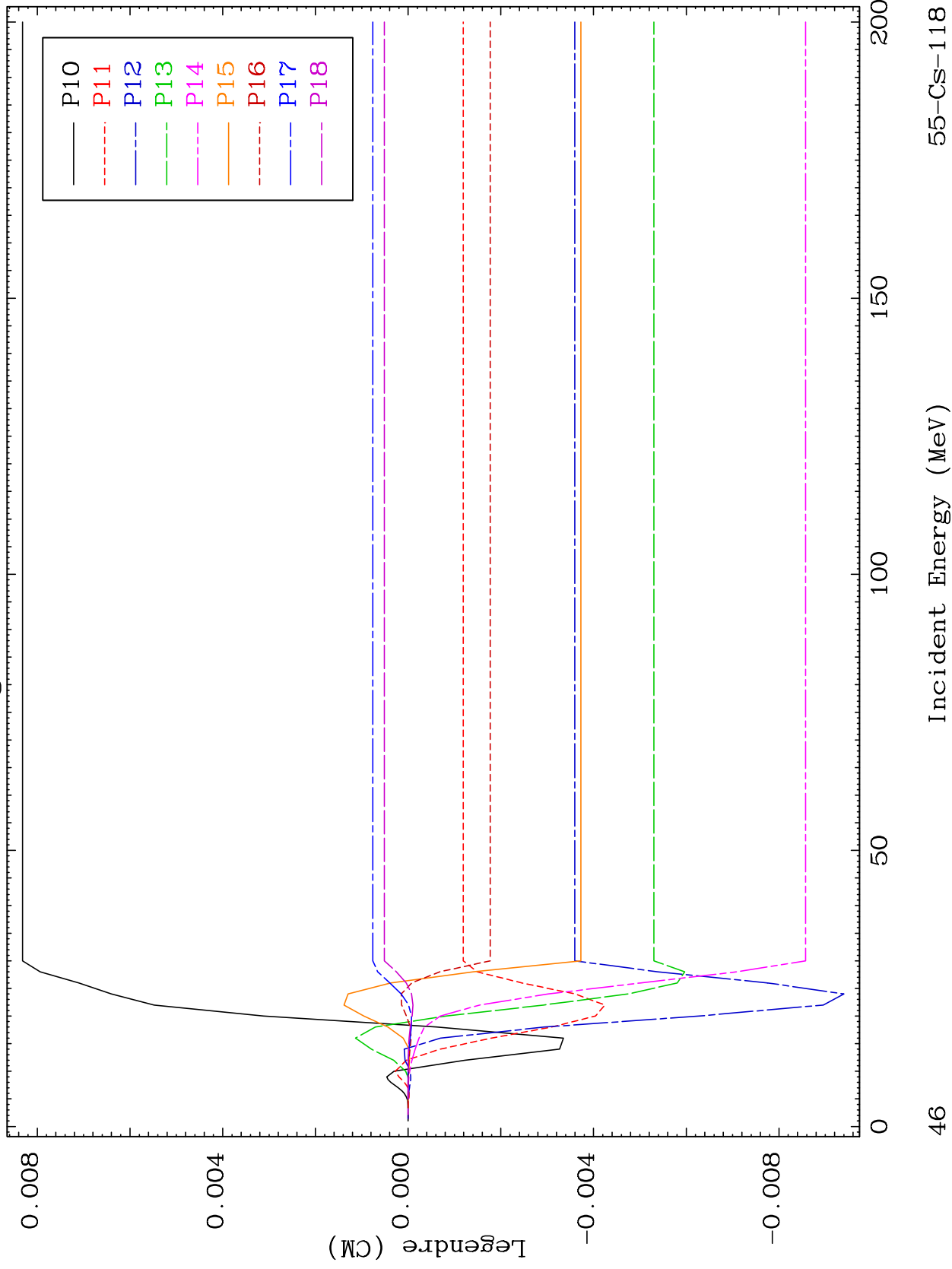
Incident Energy (MeV)

45

MAT 5480

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

55-Cs-118



46

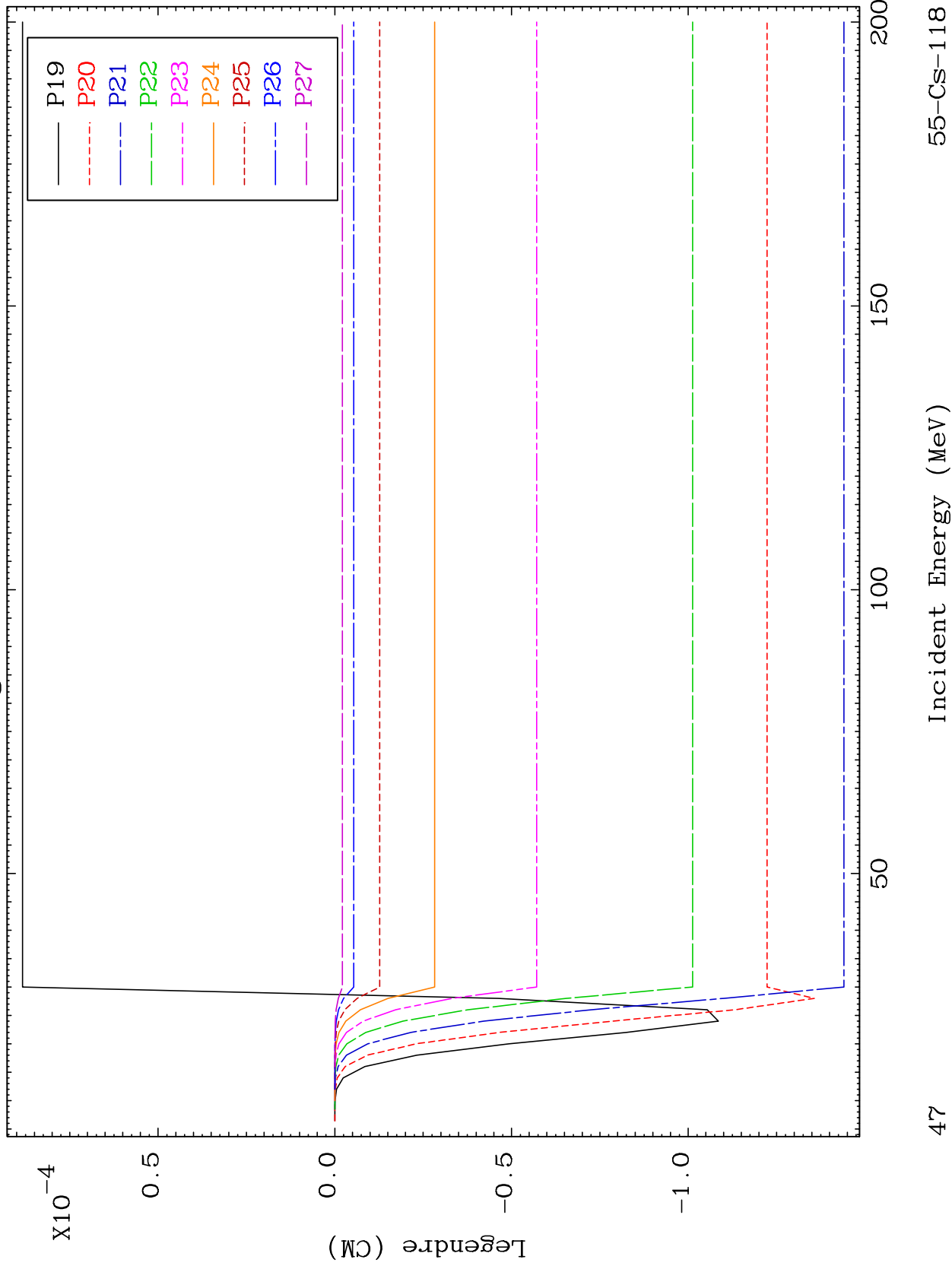
Incident Energy (MeV)

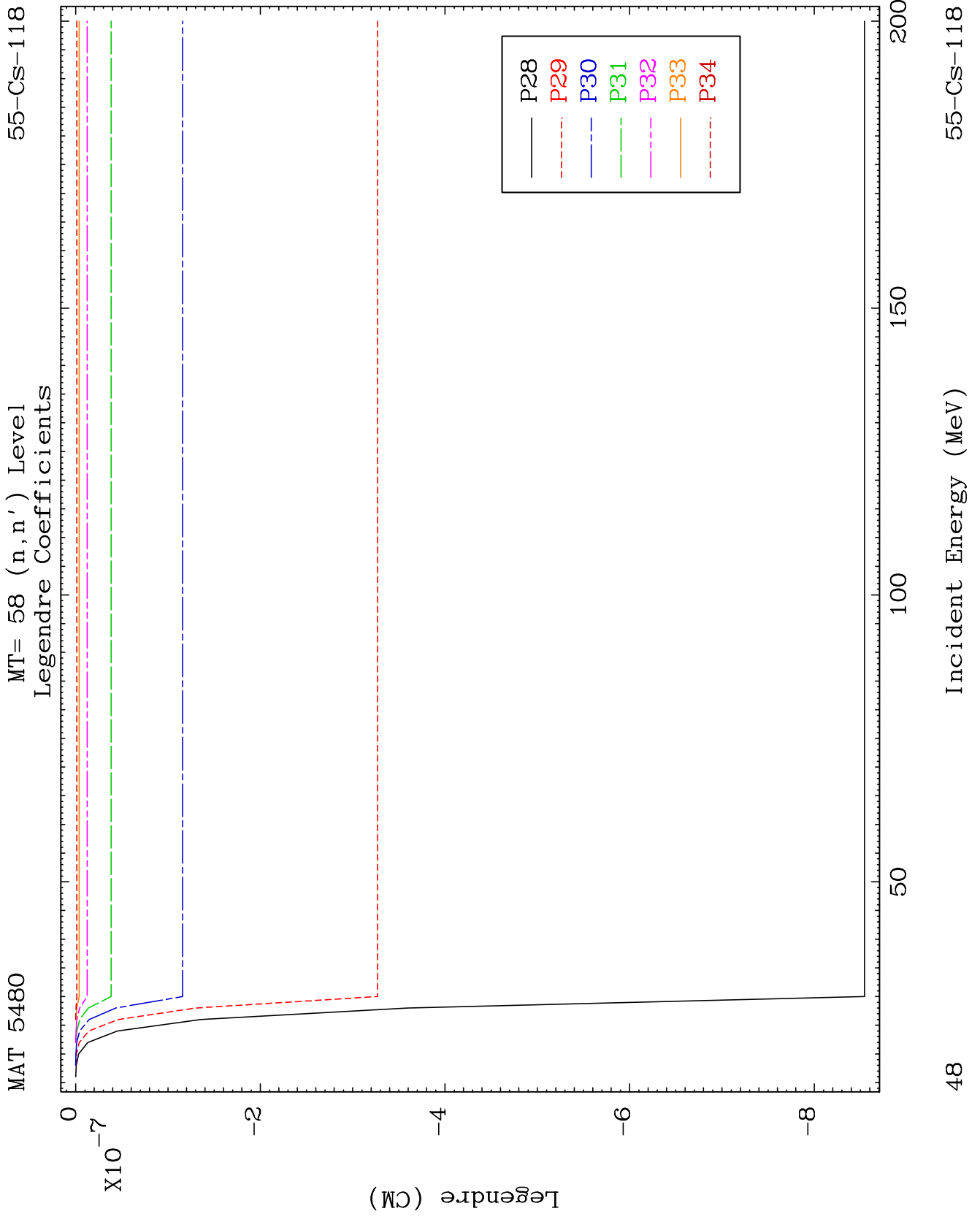
55-Cs-118

MAT 5480

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

55-Cs-118

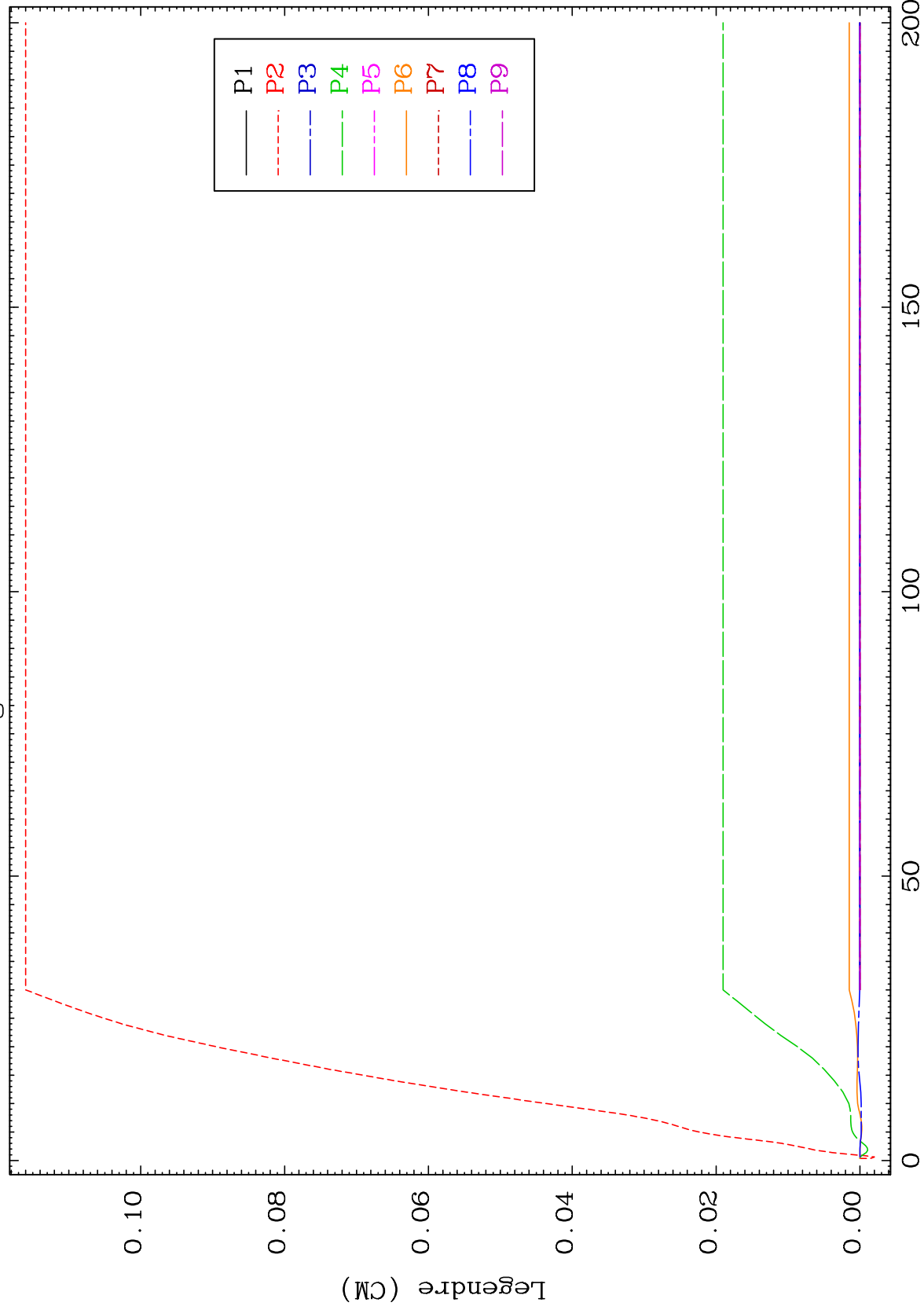




MAT 5480

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

55-Cs-118



55-Cs-118

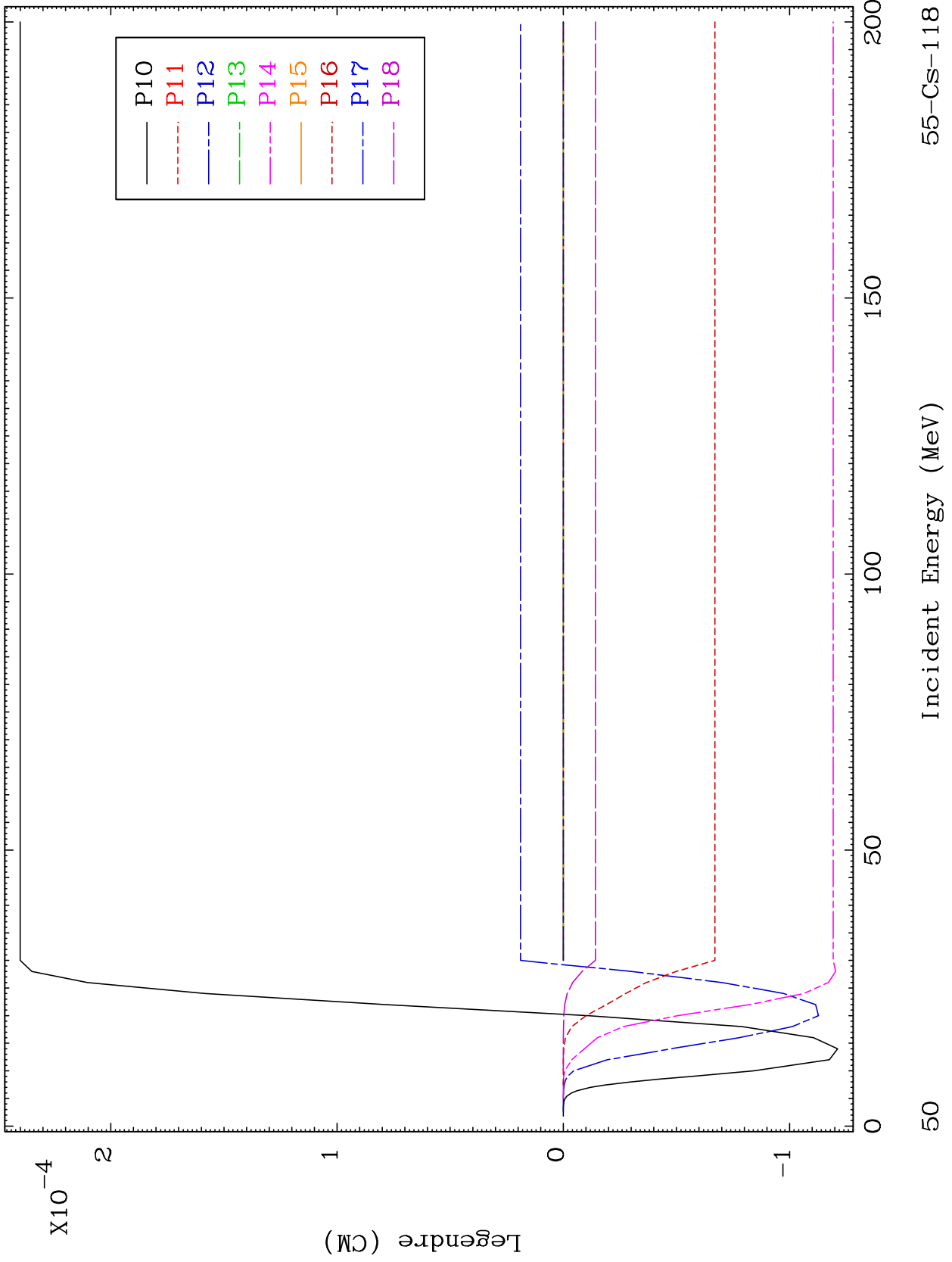
Incident Energy (MeV)

49

MAT 5480

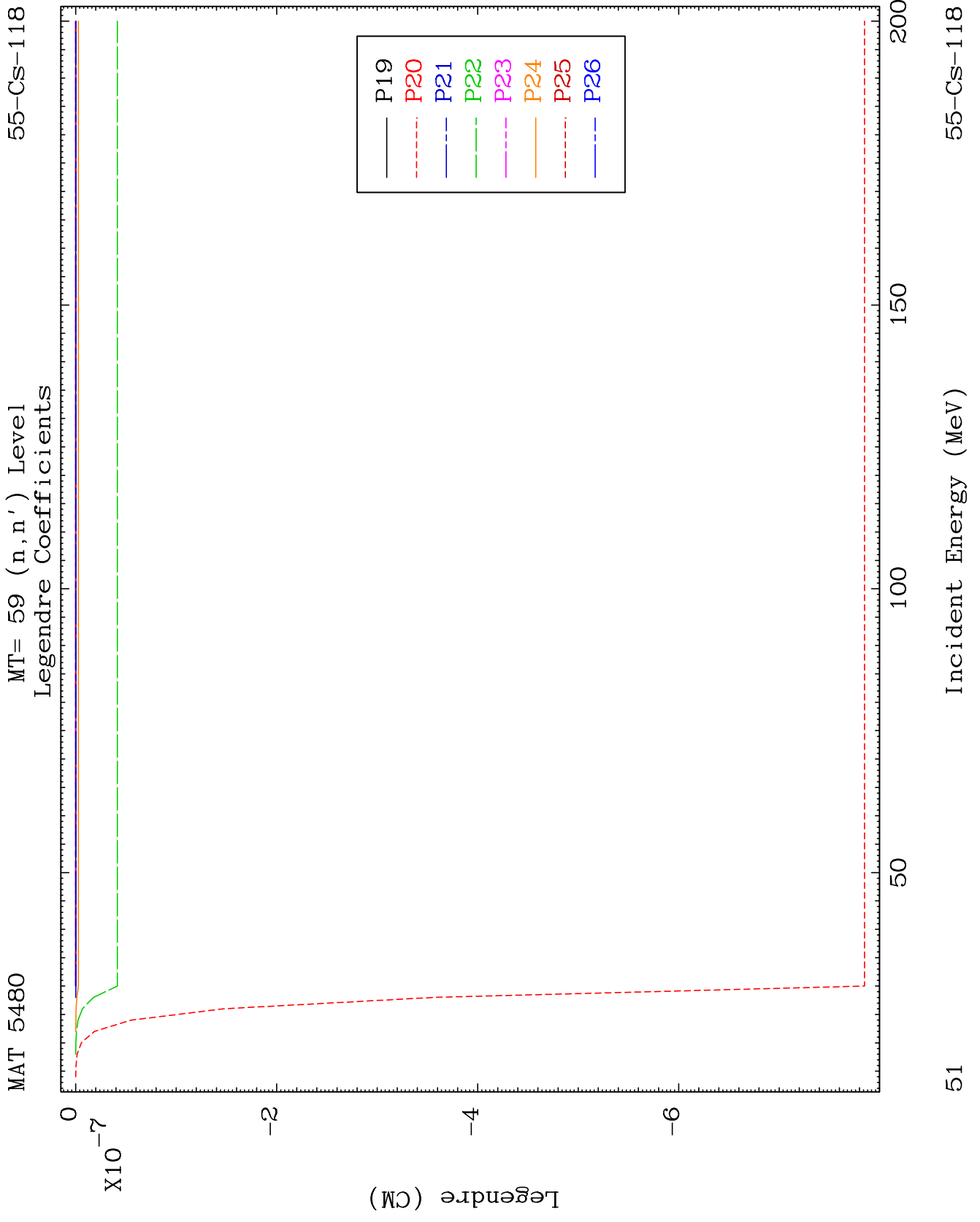
MT= 59 (n,n') Level
Legendre Coefficients

55-Cs-118



55-Cs-118

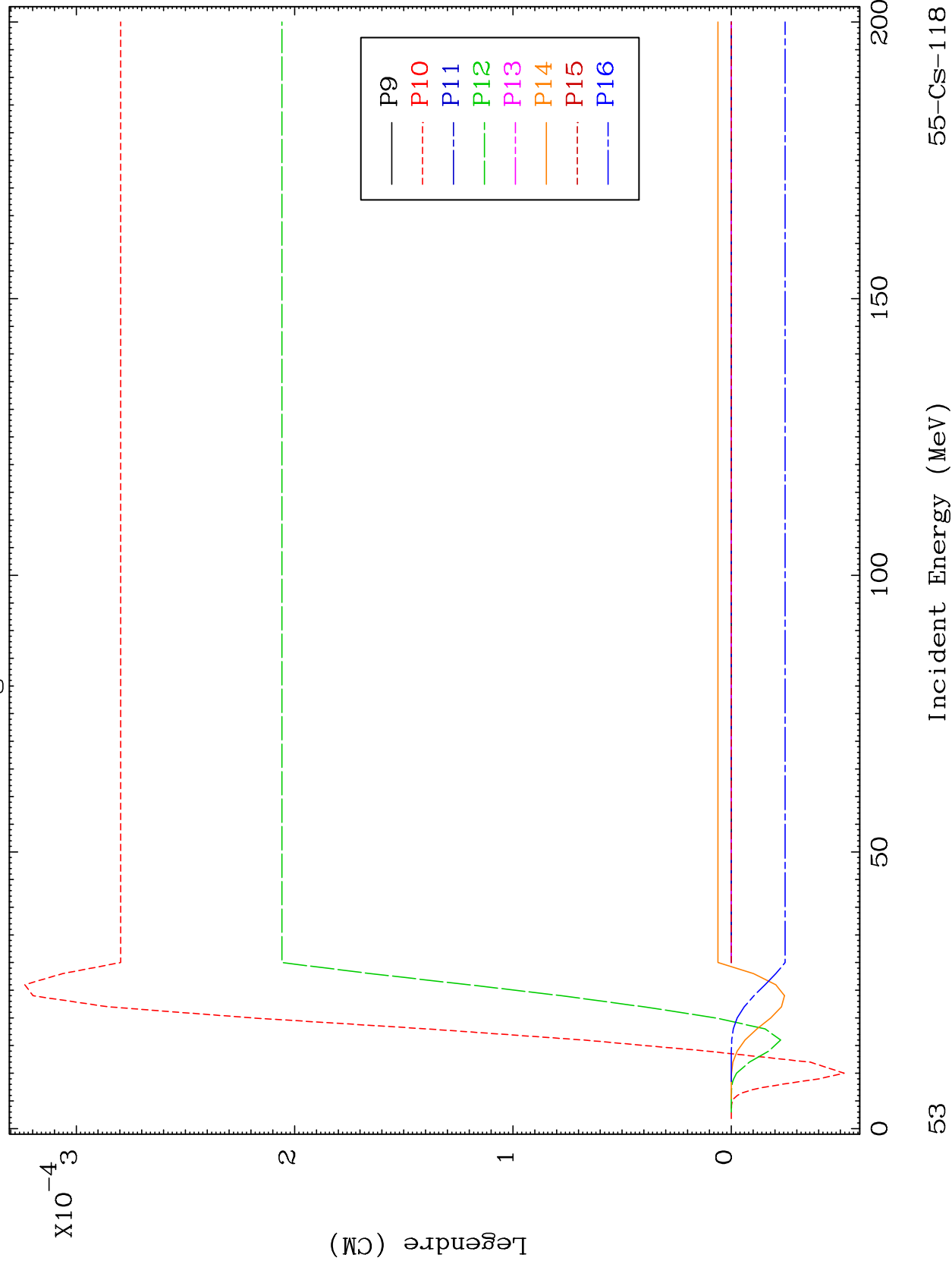
Incident Energy (MeV)



MAT 5480

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

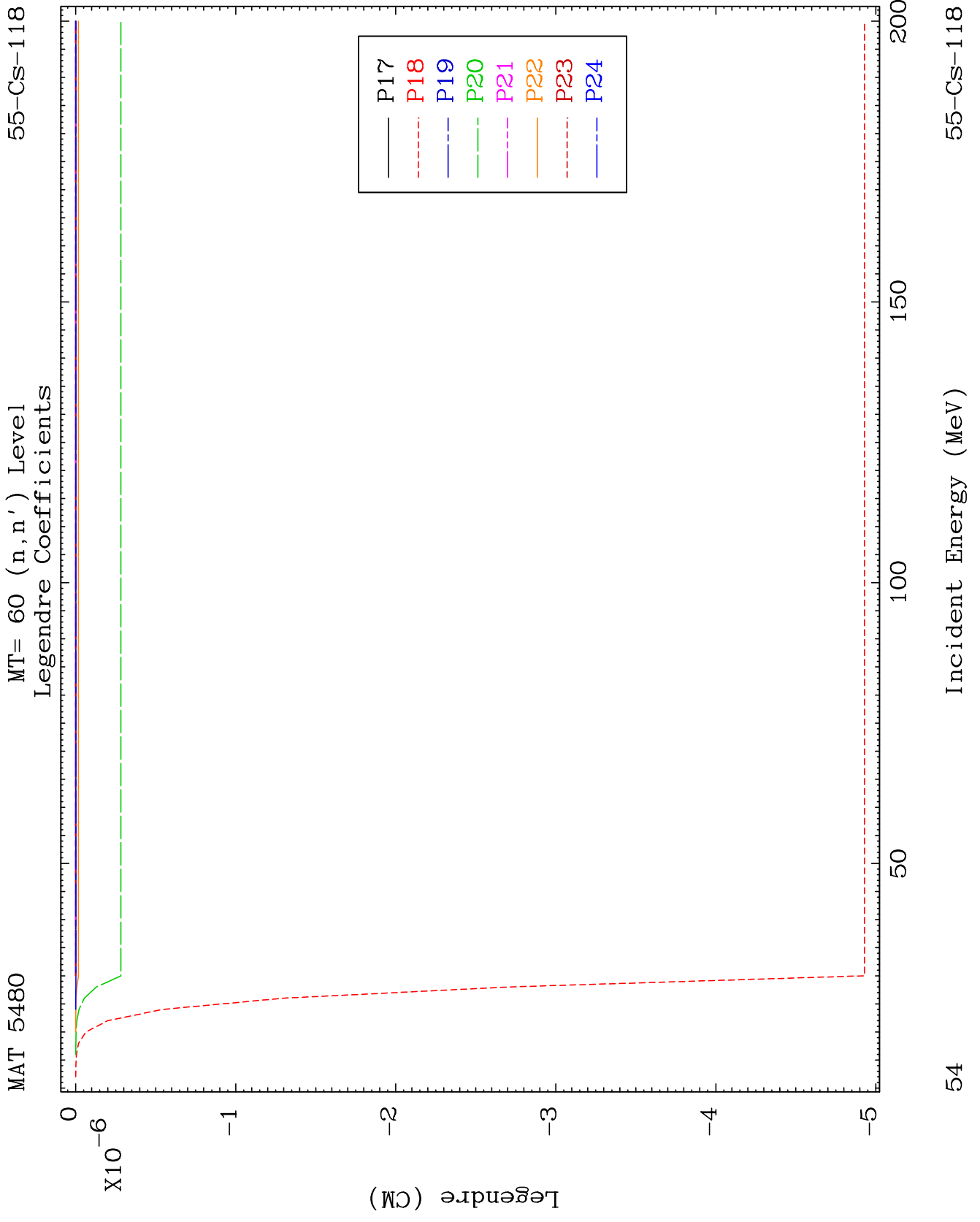
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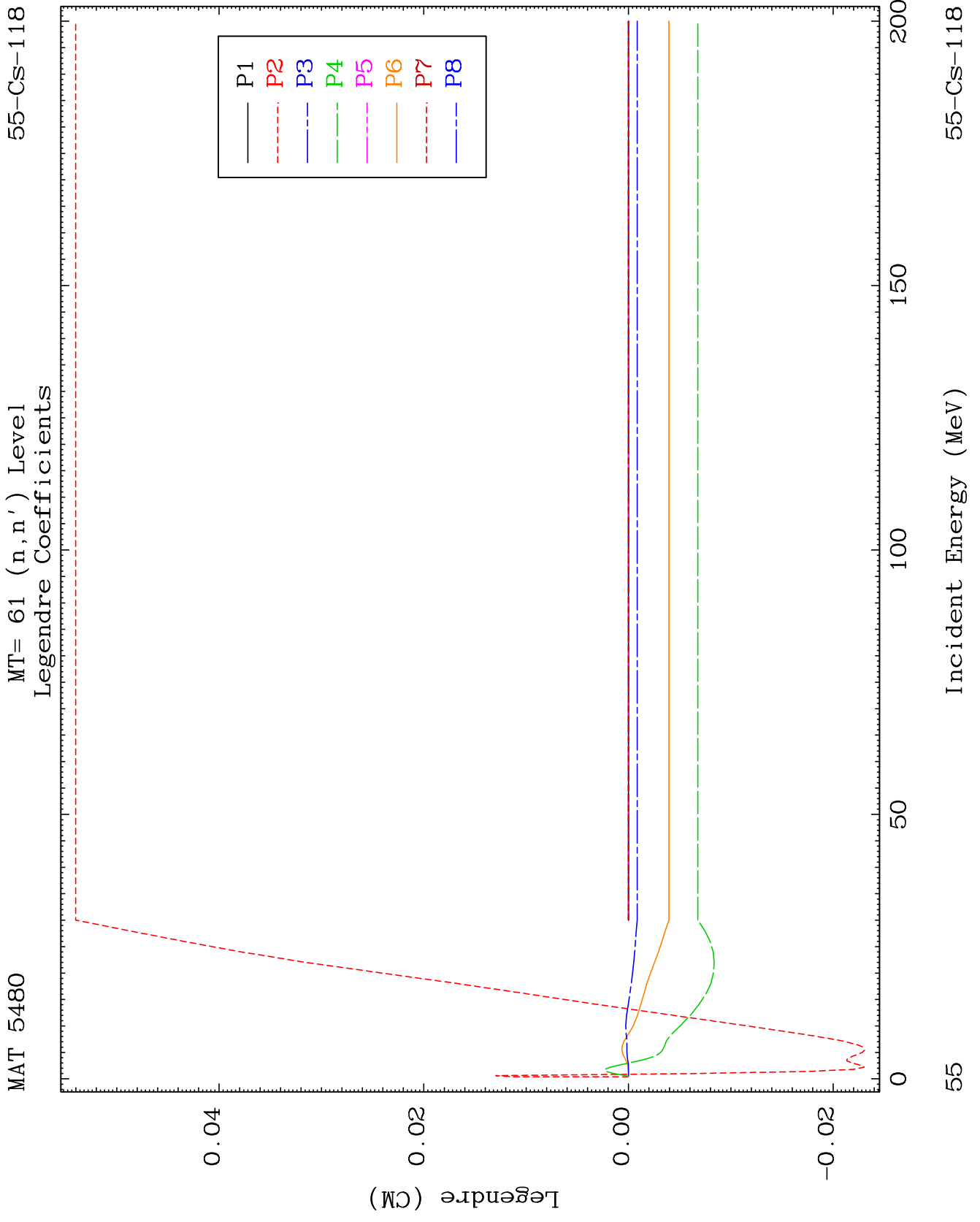


55-Cs-118

Incident Energy (MeV)

53

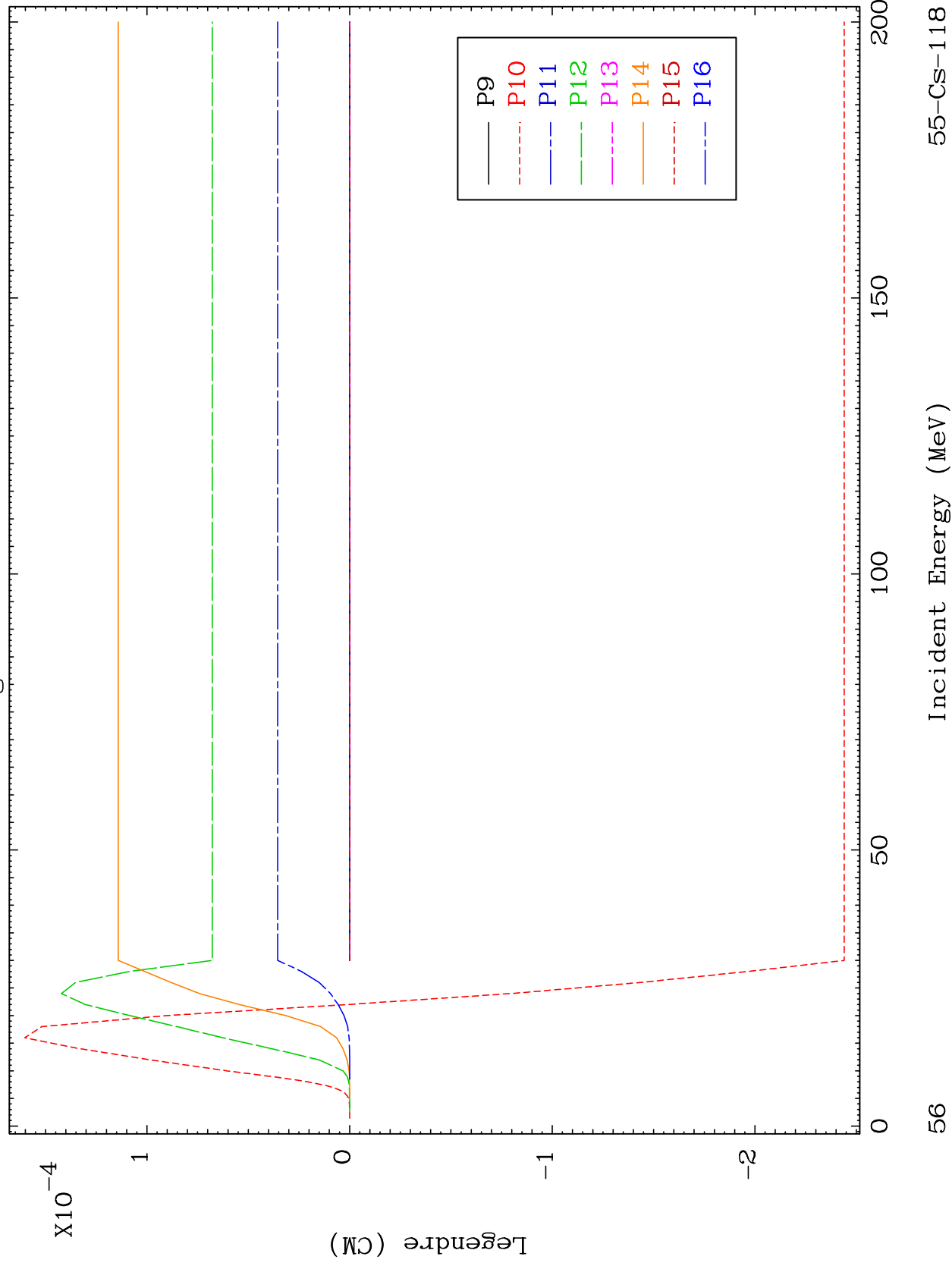




MAT 5480

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

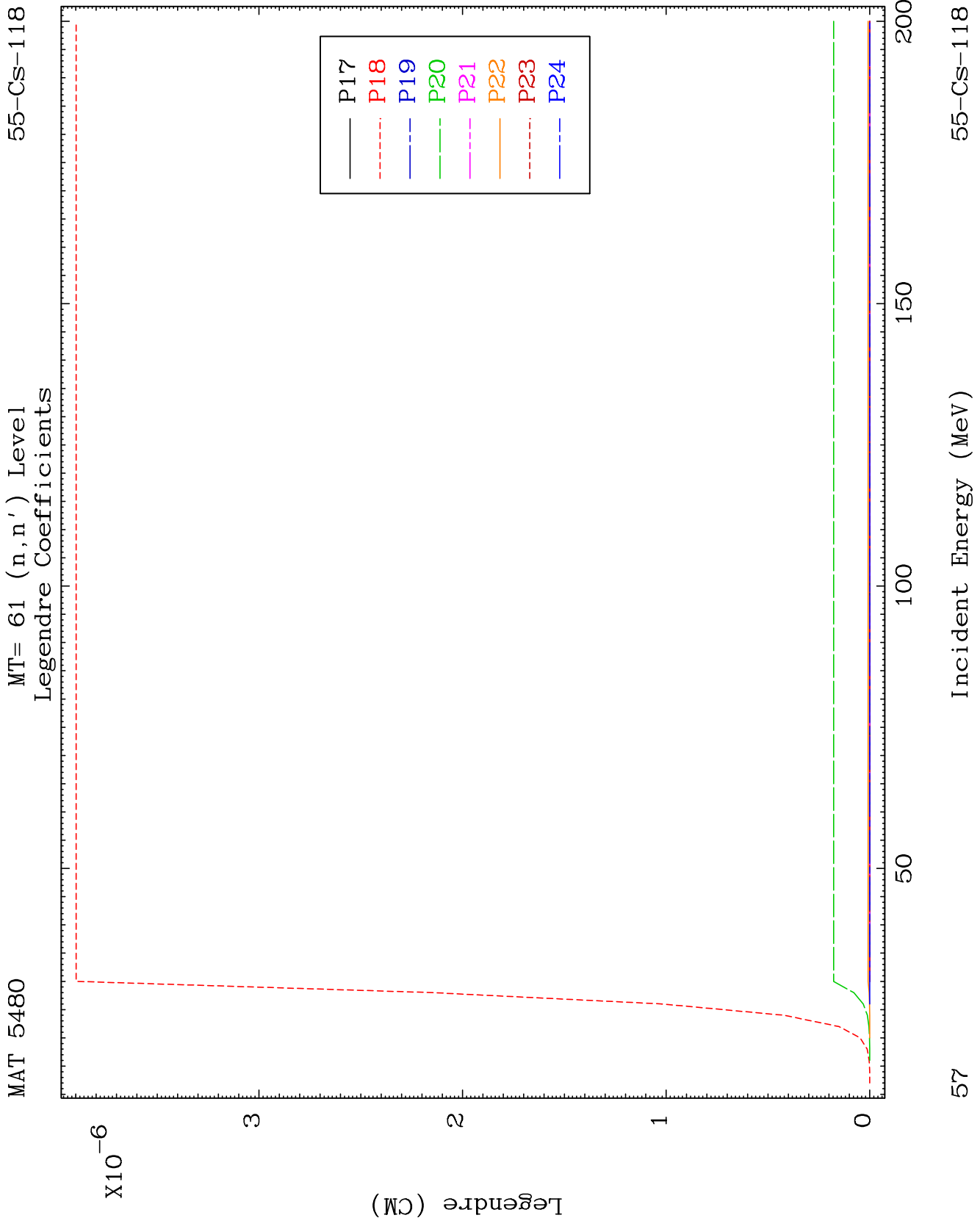
55-Cs-118



55-Cs-118

Incident Energy (MeV)

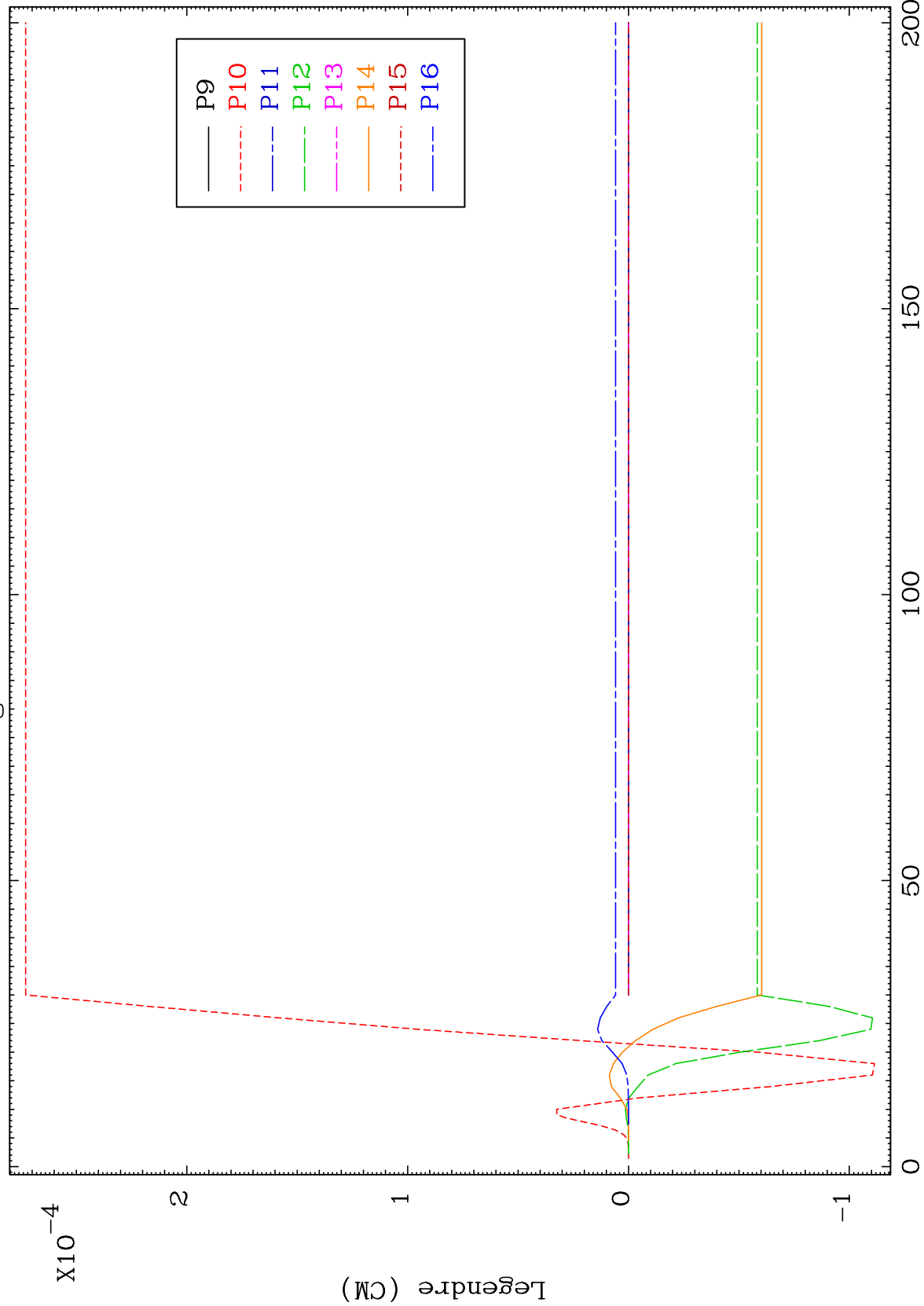
56



MAT 5480

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

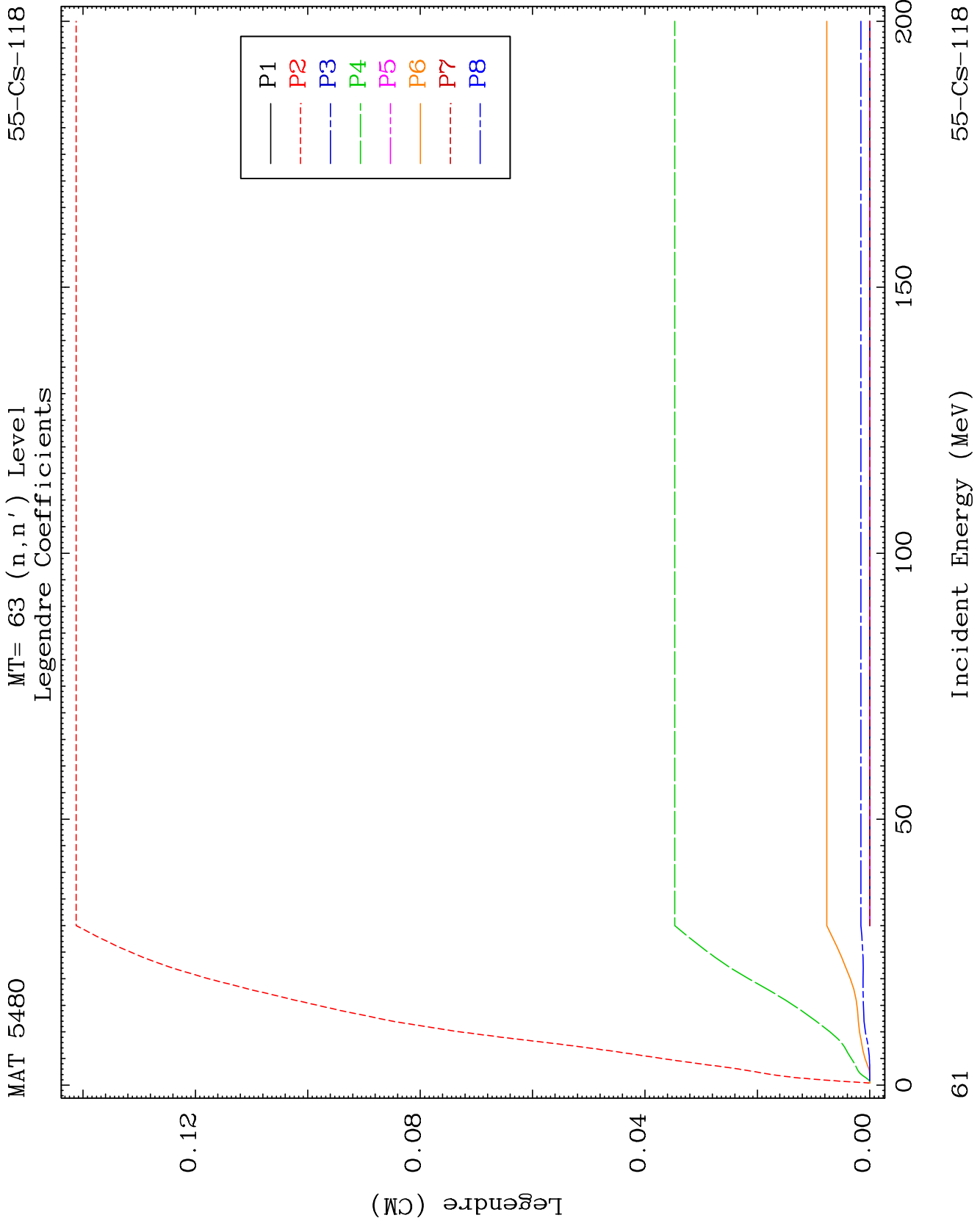
55-Cs-118



59

Incident Energy (MeV)

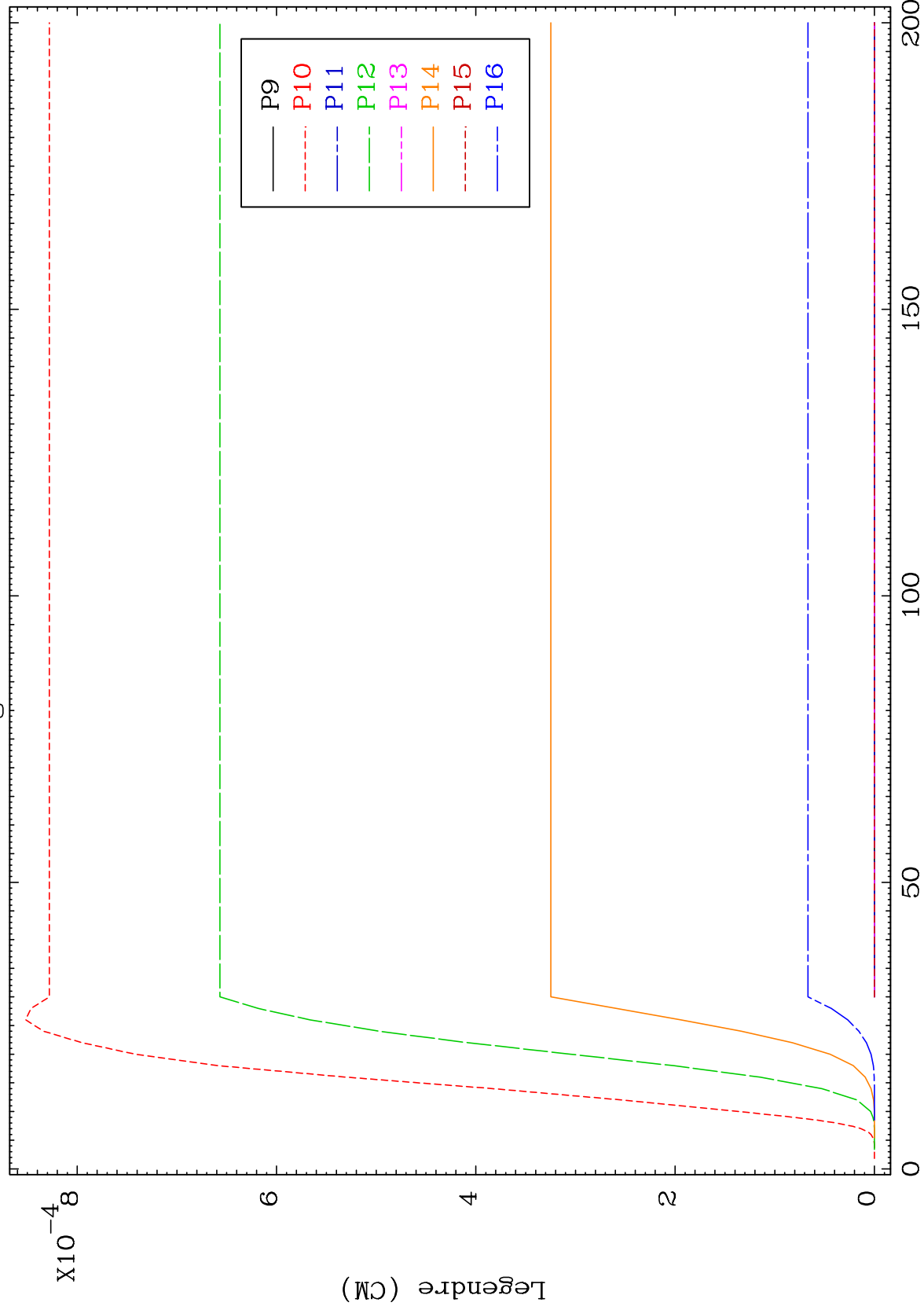
55-Cs-118



MAT 5480

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

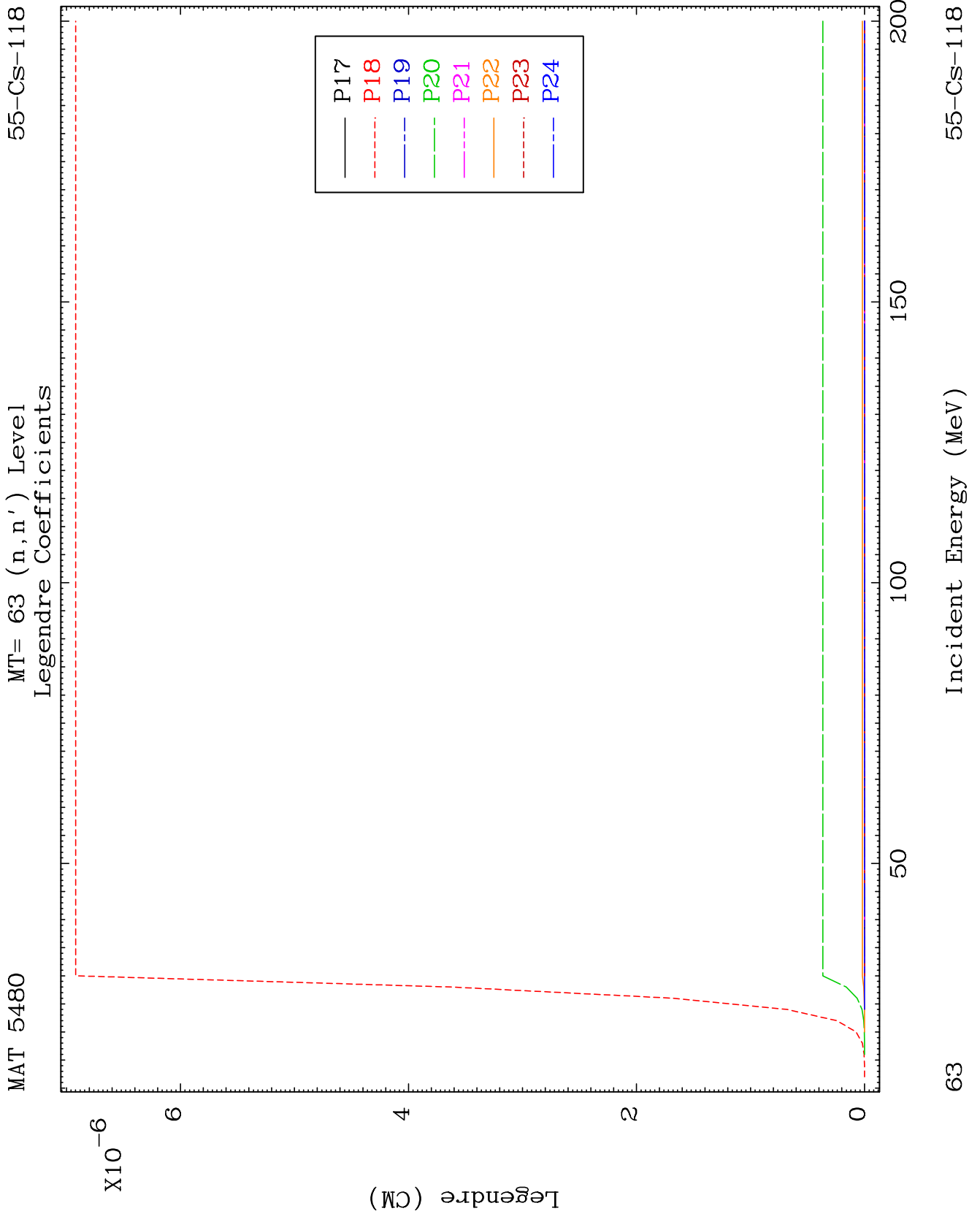
55-Cs-118



62

Incident Energy (MeV)

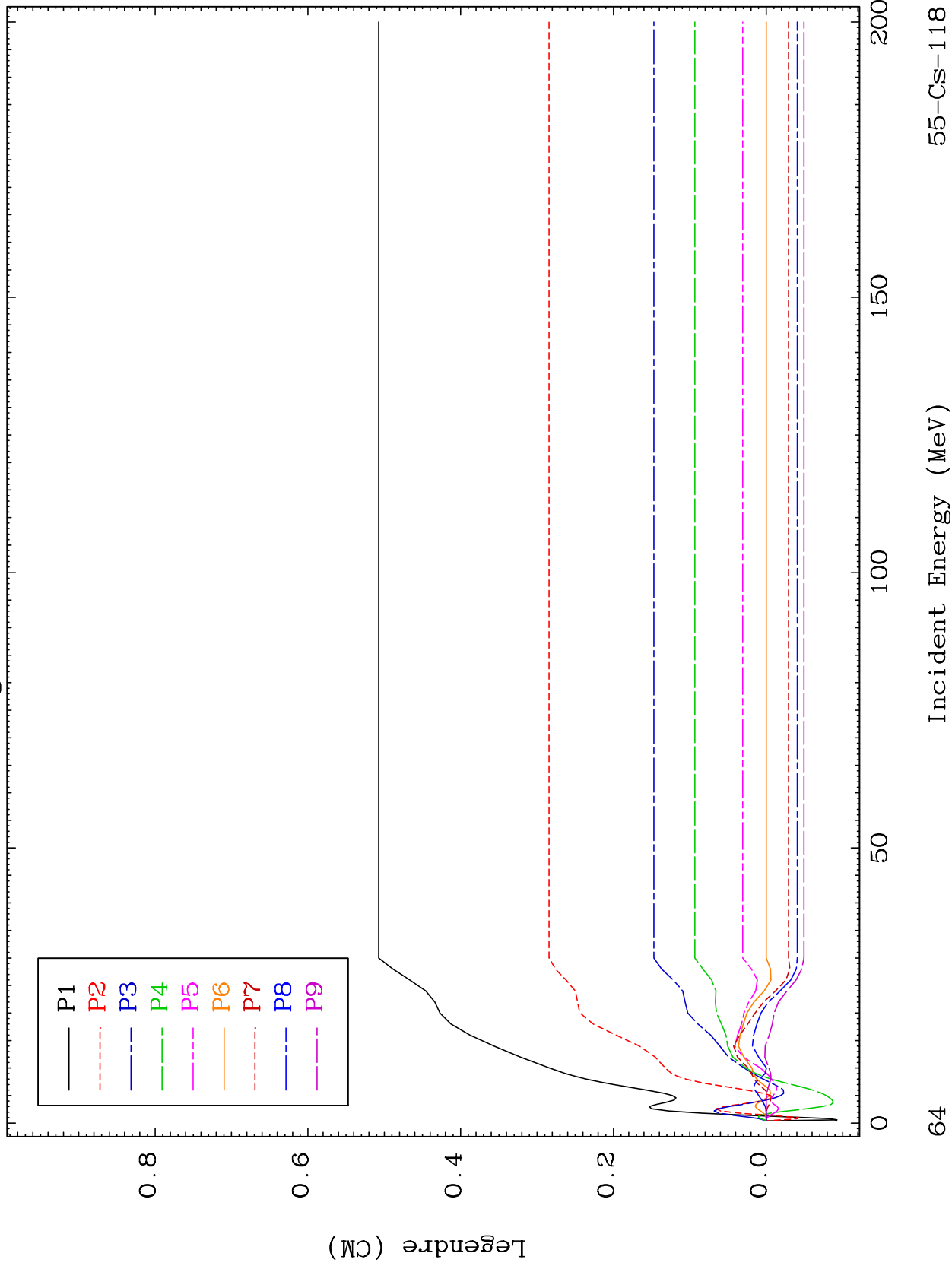
55-Cs-118



MAT 5480

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

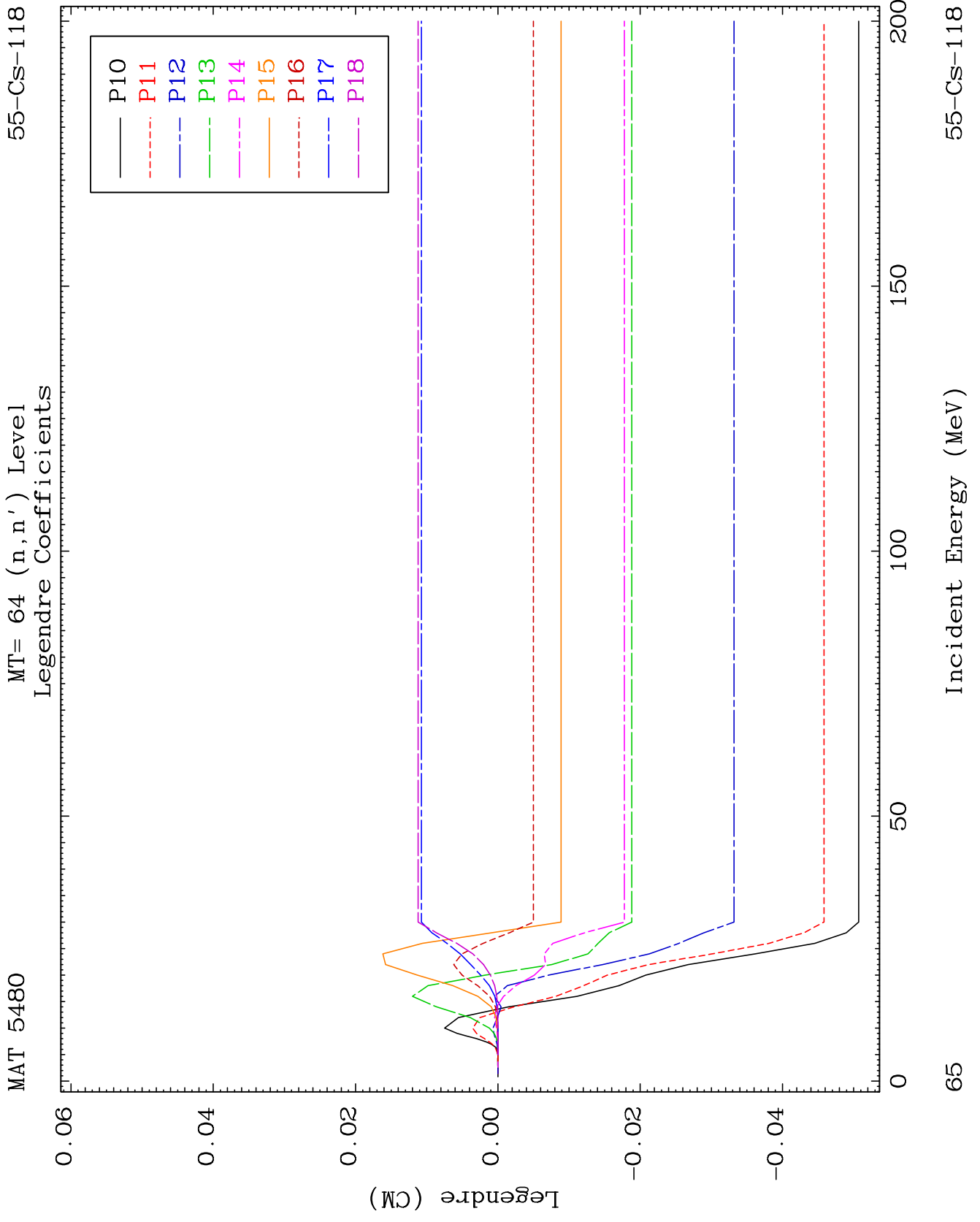
55-Cs-118



55-Cs-118

Incident Energy (MeV)

64



55-Cs-118

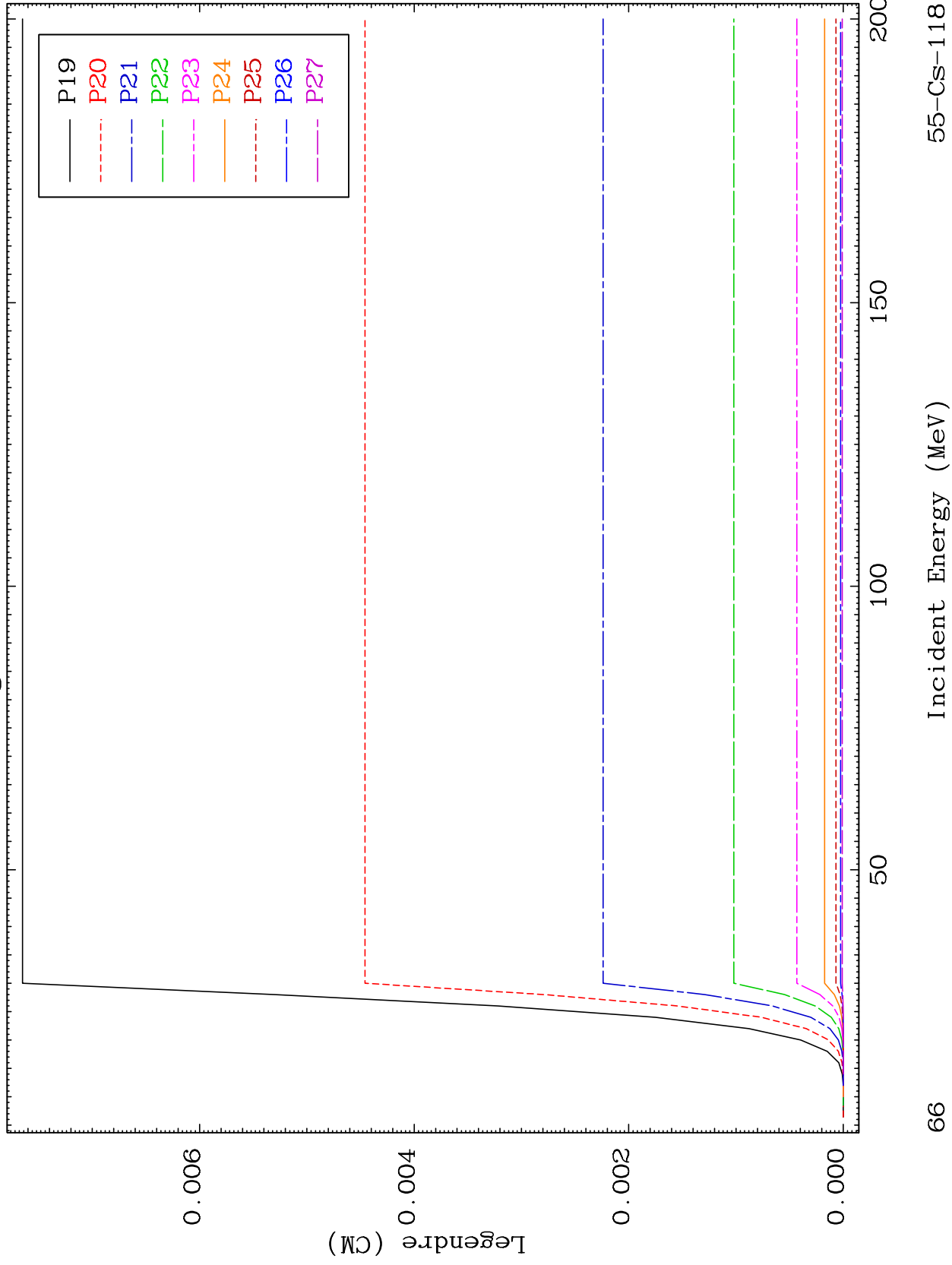
Incident Energy (MeV)

65

MAT 5480

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

55-Cs-118



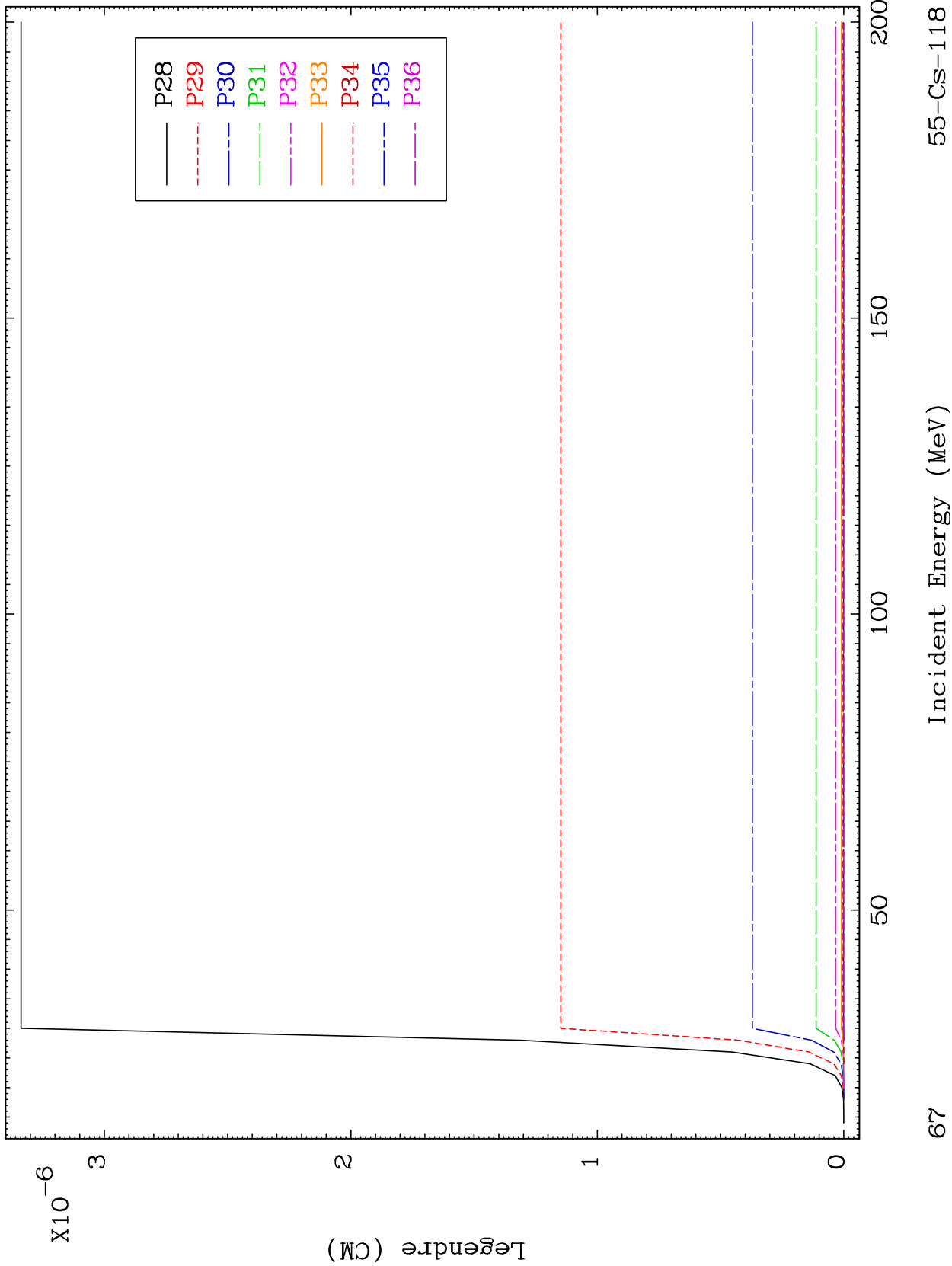
66

55-Cs-118

MAT 5480

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

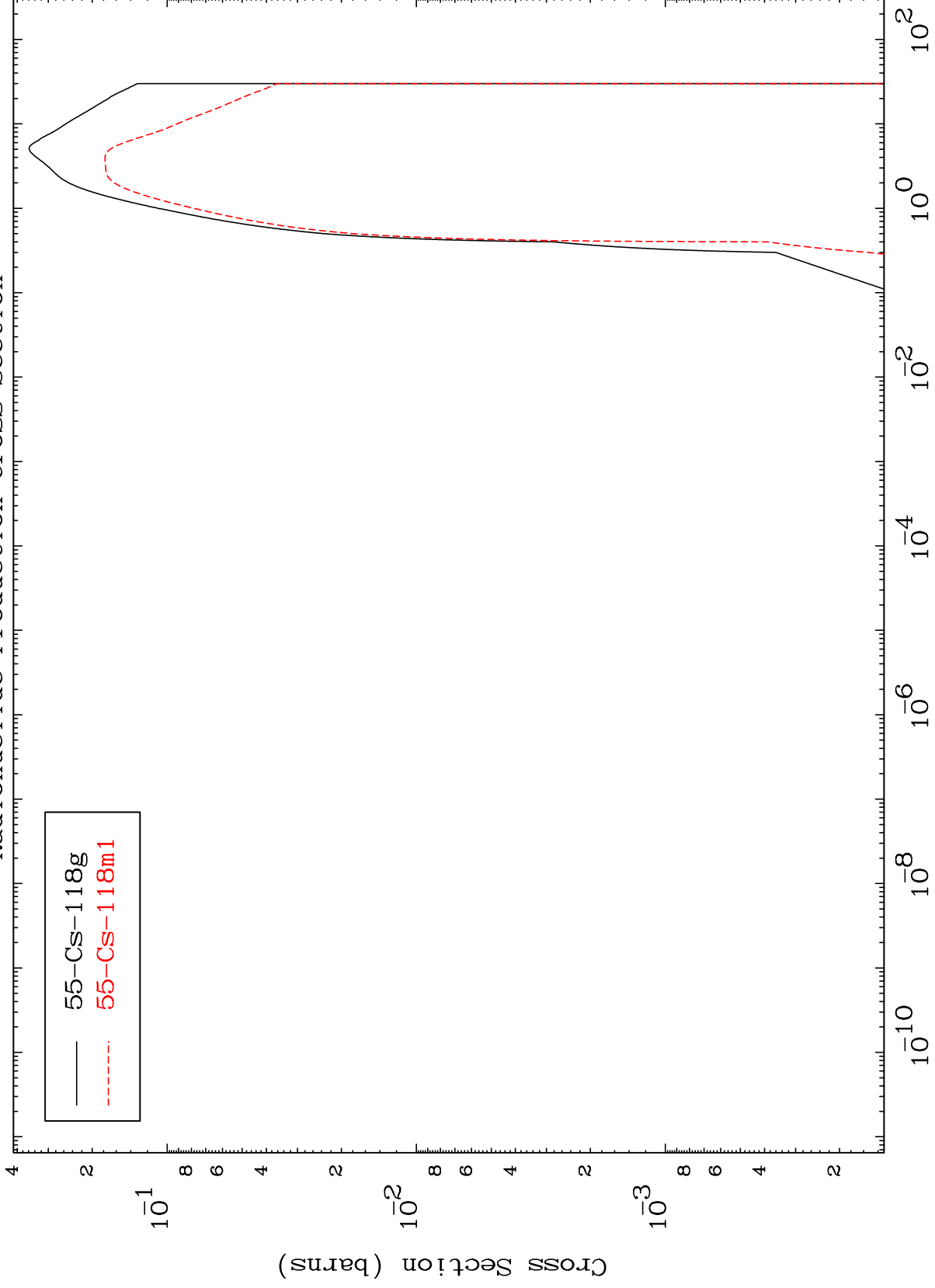
55-Cs-118



MAT 5480

Inelastic
Radionuclide Production Cross Section

55-Cs-118



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

Incident Energy (MeV)

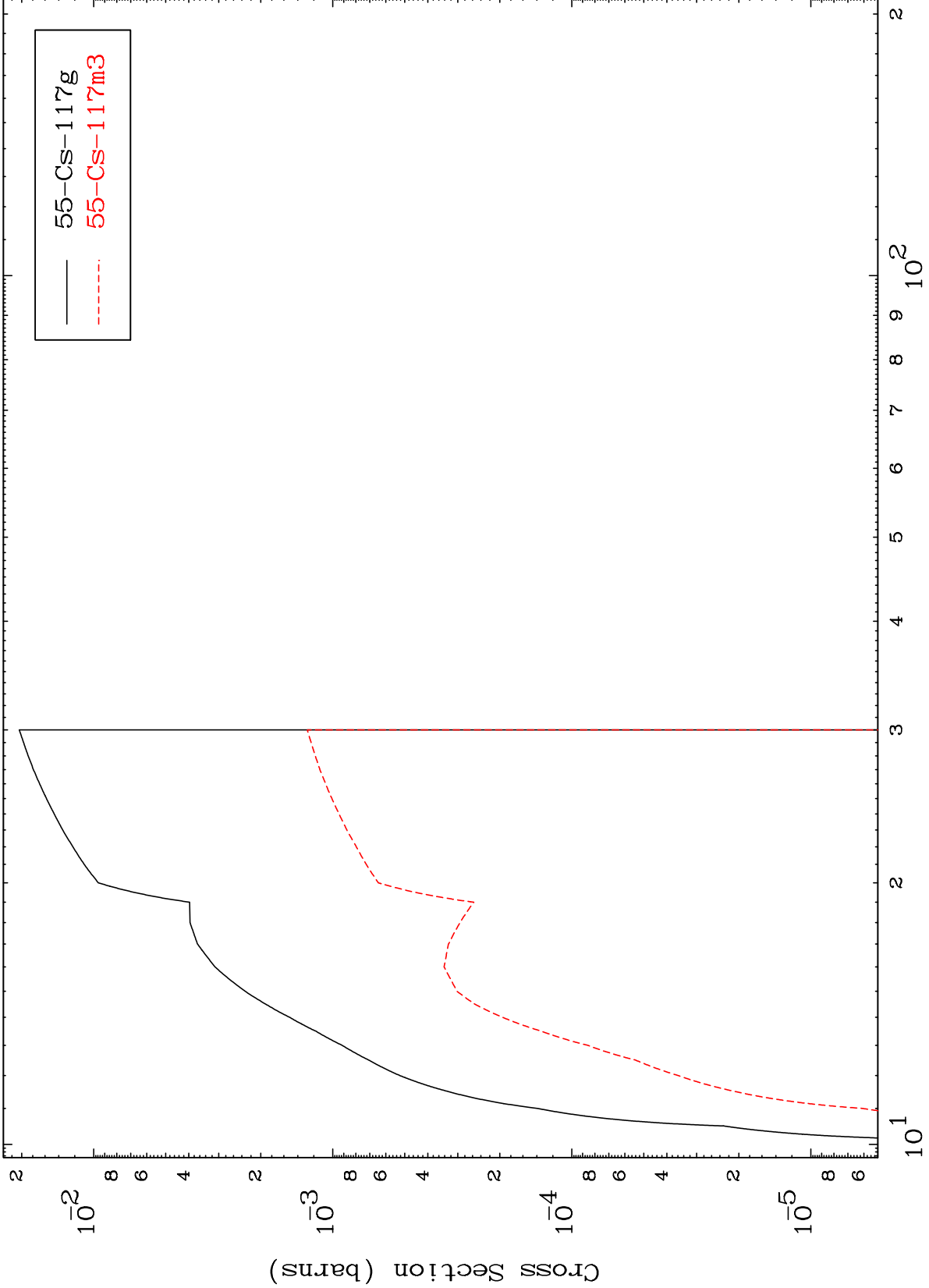
55-Cs-118

MAT 5480

(n,2n)

55-Cs-118

Radionuclide Production Cross Section



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

Incident Energy (MeV)

55-Cs-118

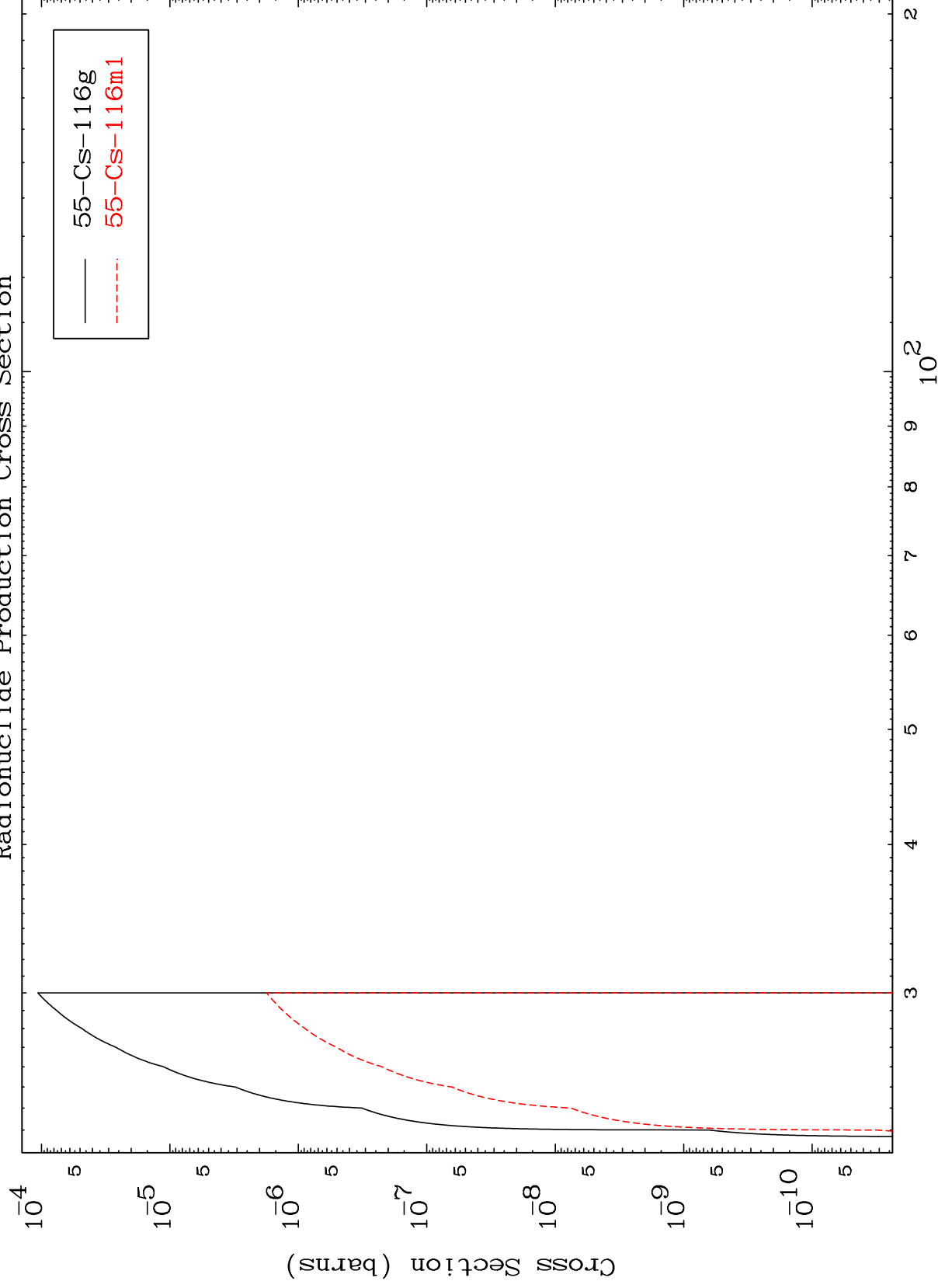
69

MAT 5480

(n,3n)

55-Cs-118

Radionuclide Production Cross Section



70

Incident Energy (MeV)

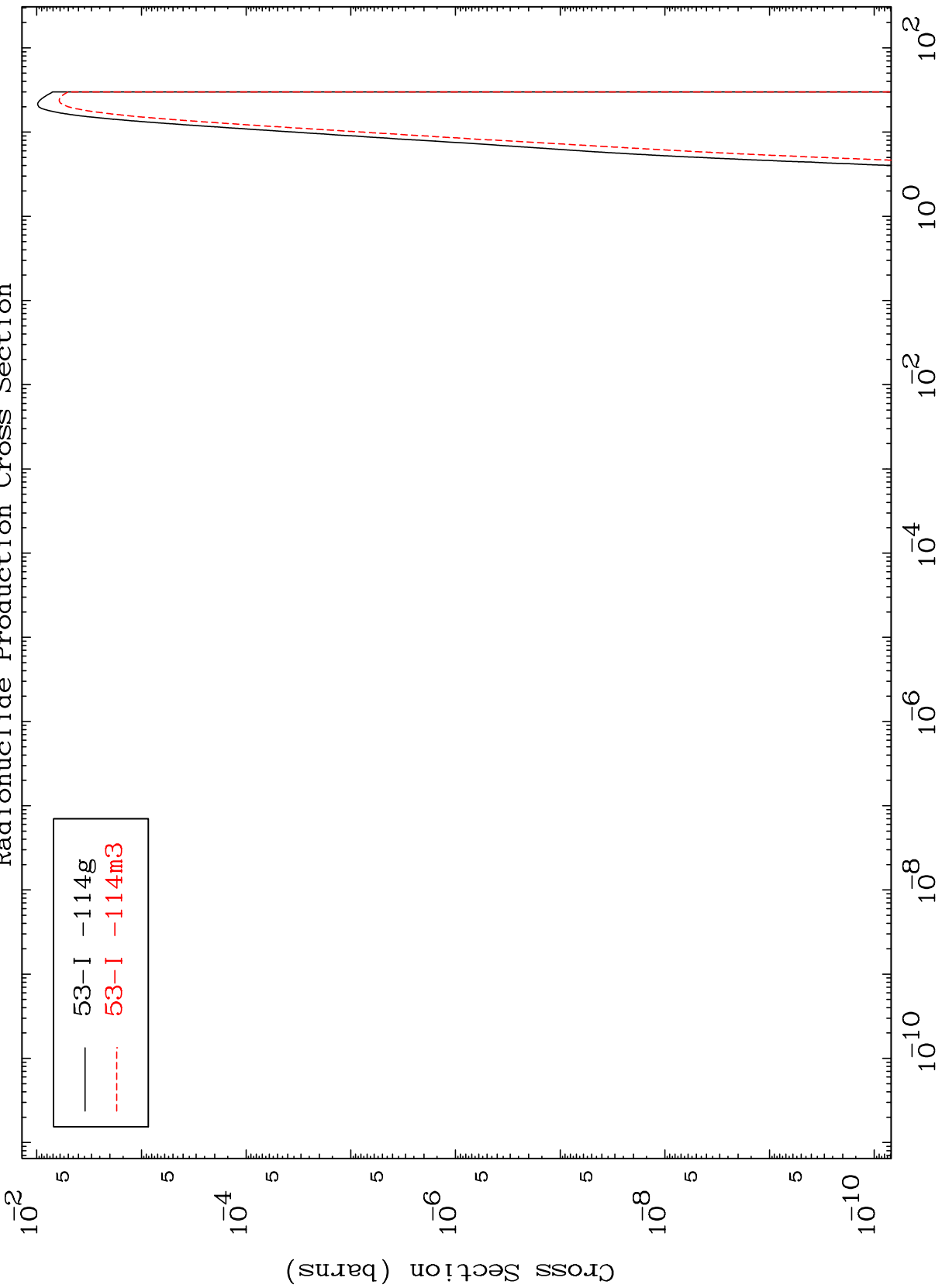
55-Cs-118

MAT 5480

$(n, n') \alpha$

55-Cs-118

Radionuclide Production Cross Section



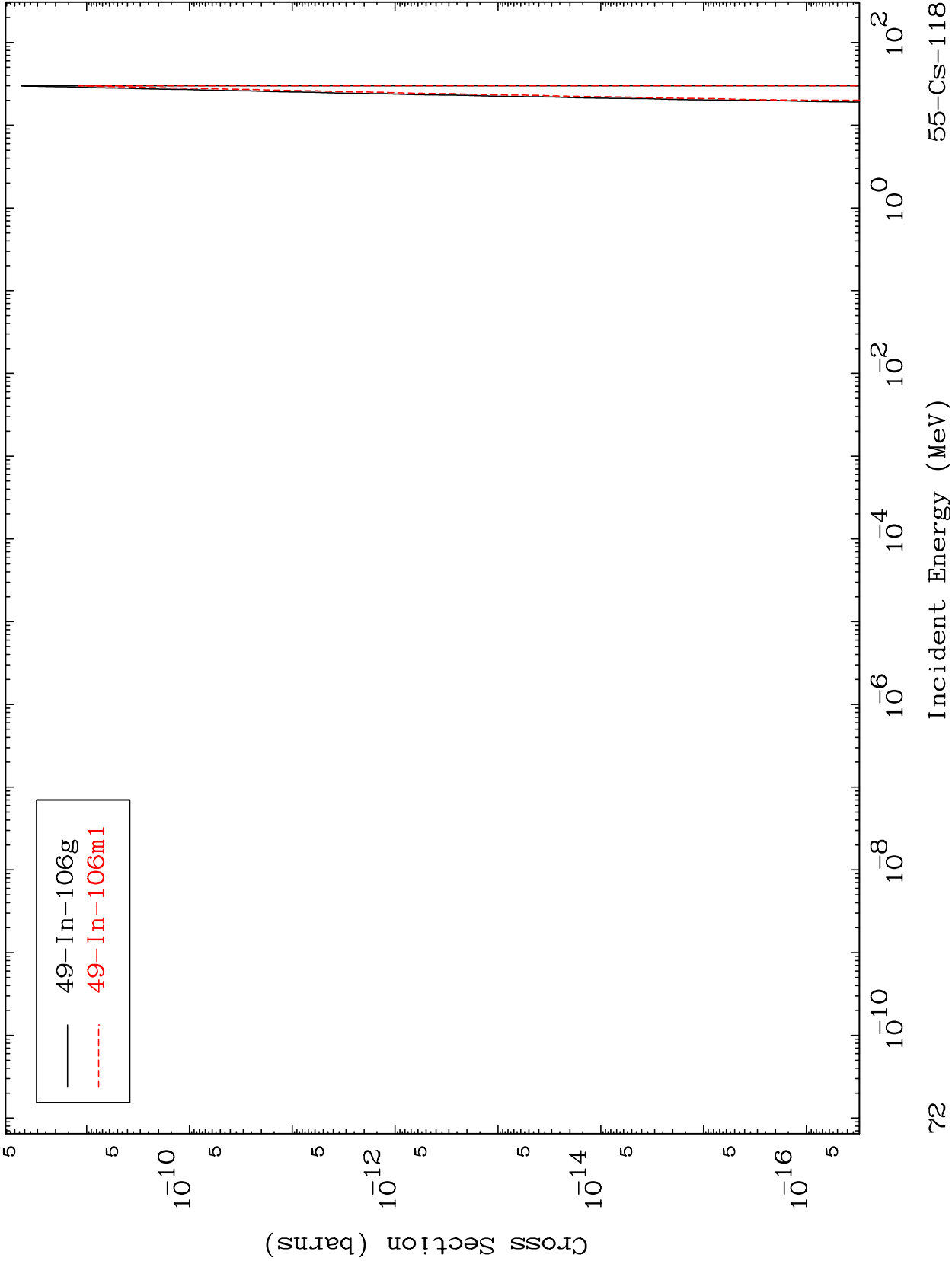
53-I -114g
53-I -114m3

MAT 5480

(n,n') 3α

55-Cs-118

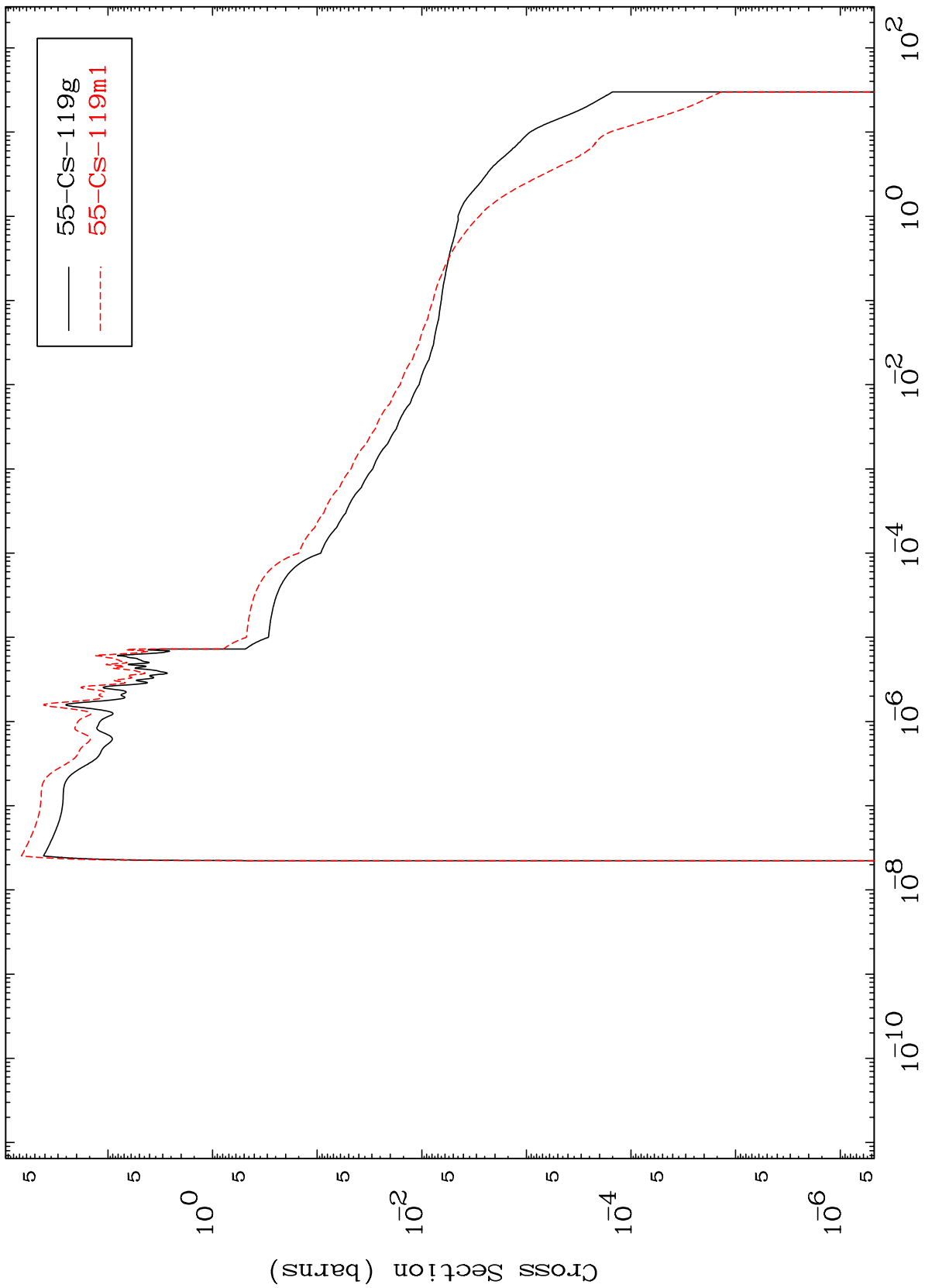
Radionuclide Production Cross Section



MAT 5480

55-Cs-118

(n, γ)
Radionuclide Production Cross Section



73

55-Cs-118

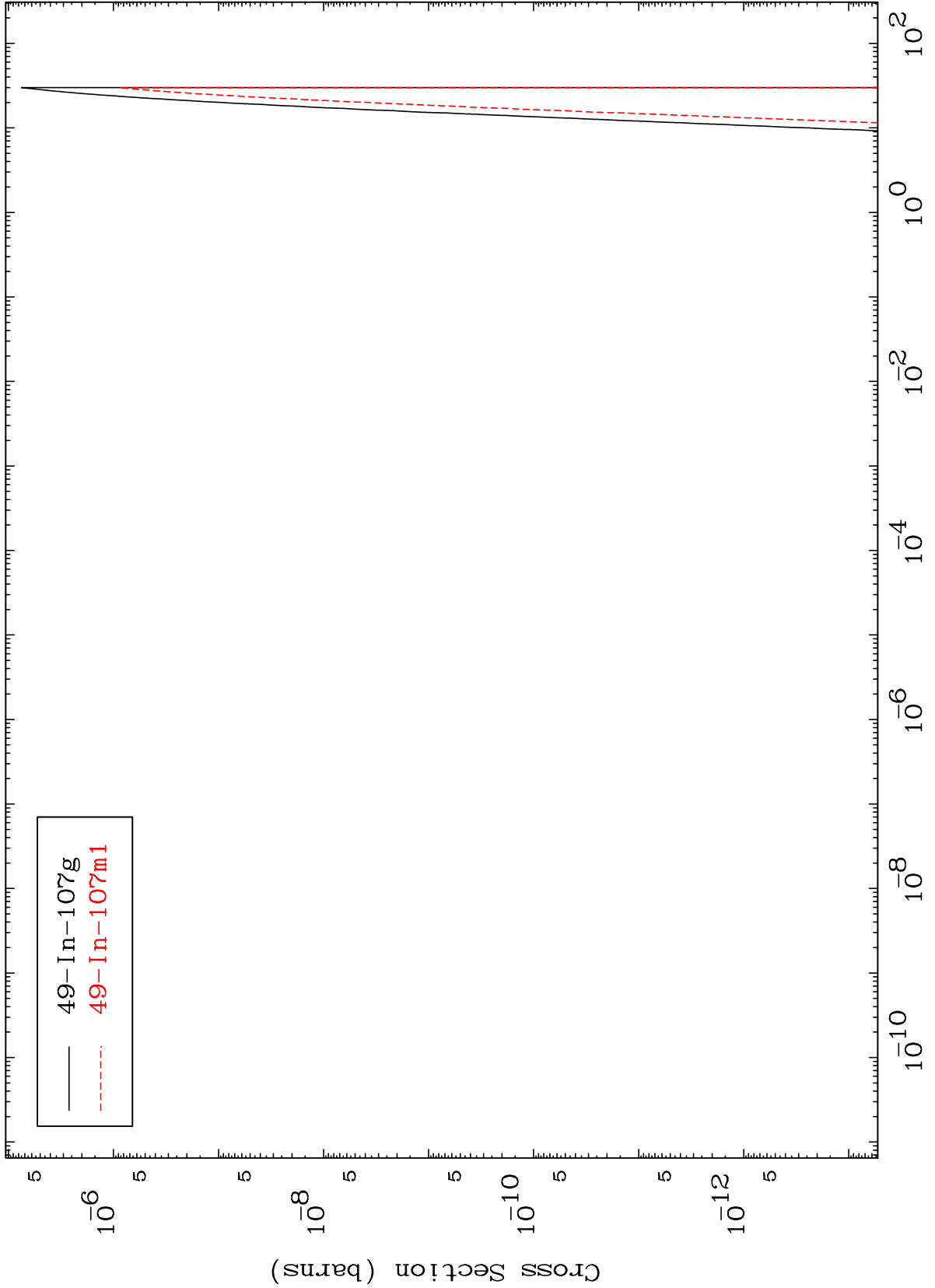
Incident Energy (MeV)

MAT 5480

(n,3α)

55-Cs-118

Radionuclide Production Cross Section



49-In-107g
49-In-107m1