

Program EVALPLOT
(Version 2017-1)

by

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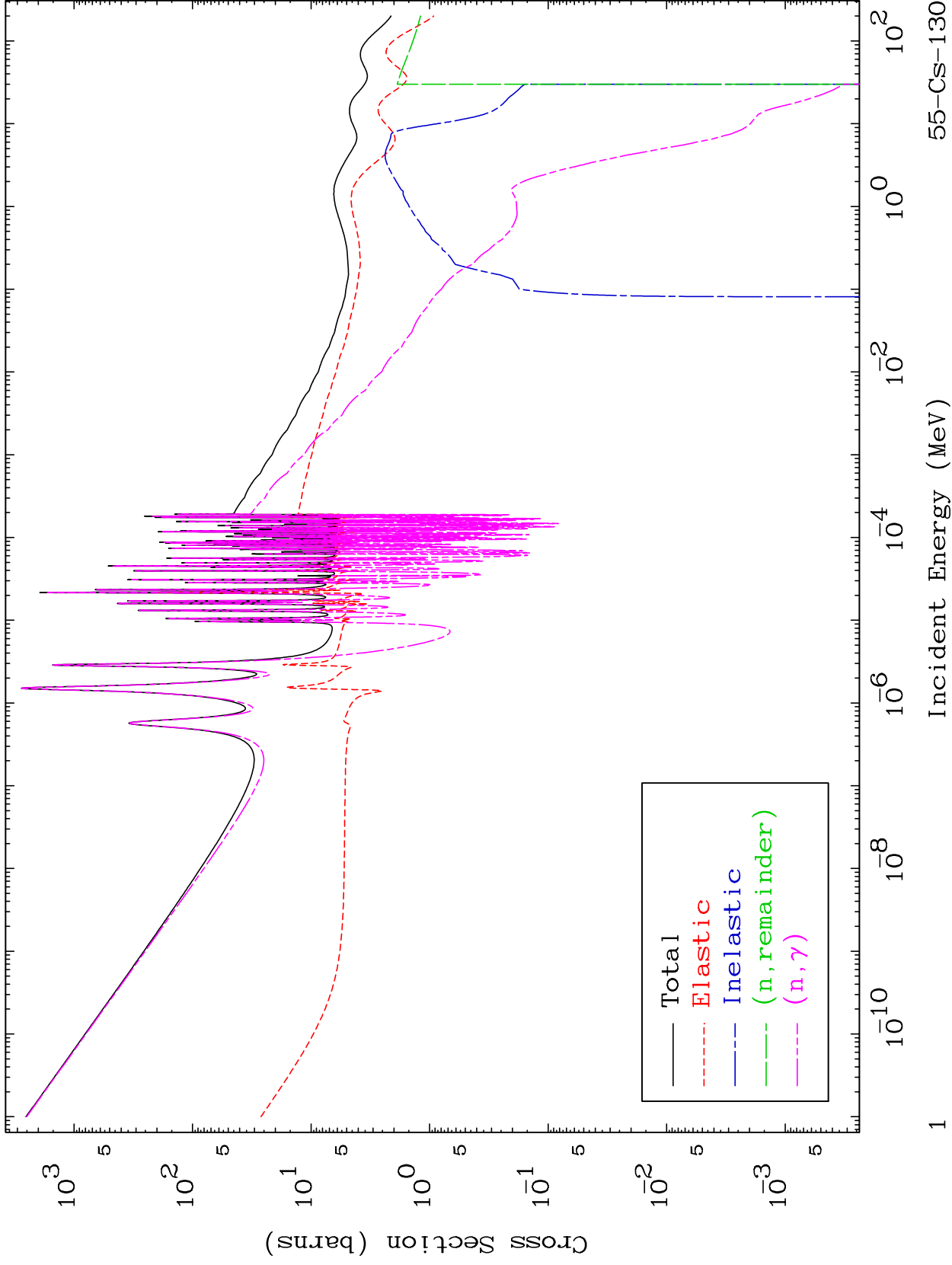
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5516

Major
293 Kelvin Cross Sections

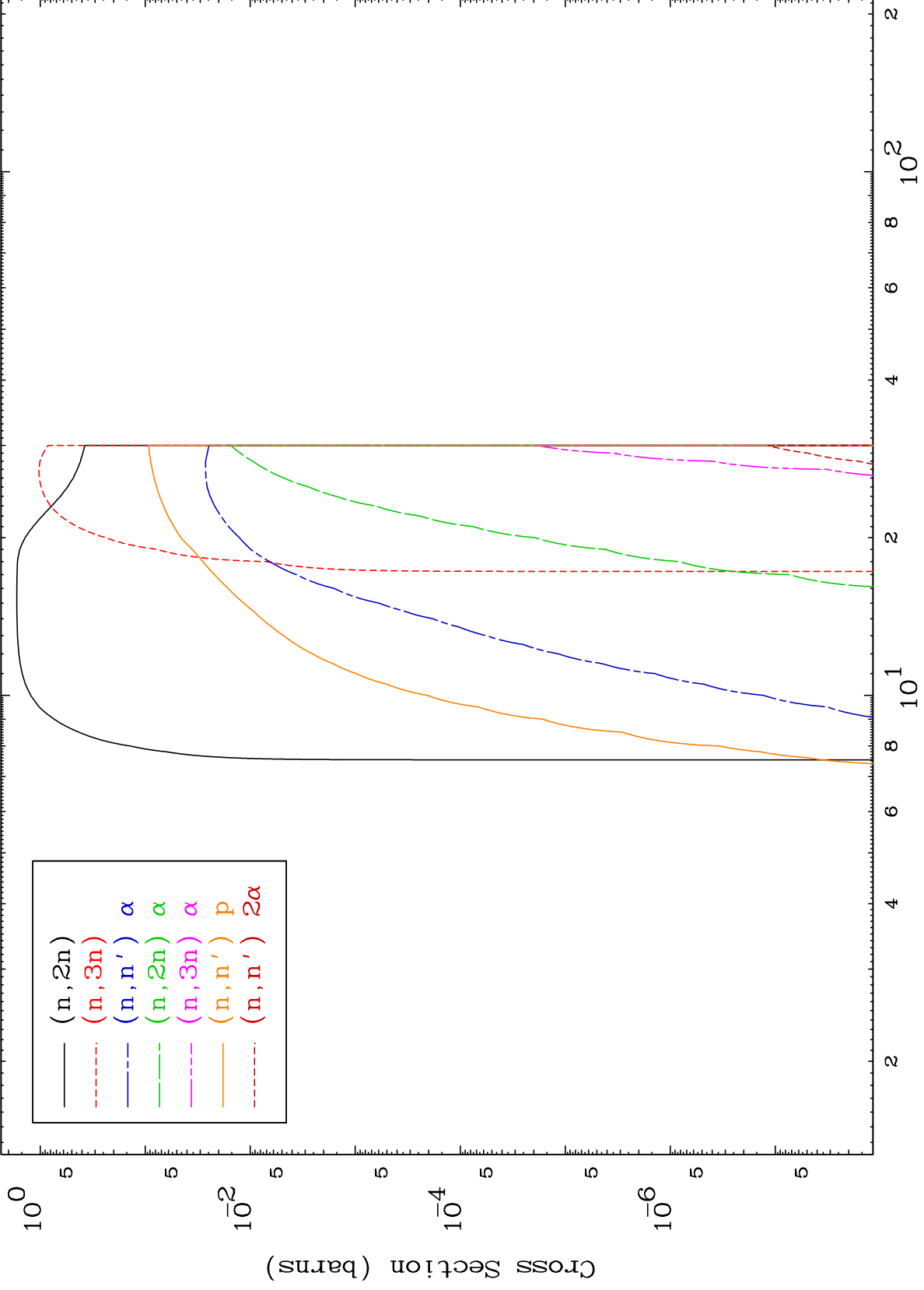
55-Cs-130



MAT 5516

Neutron Production
293 Kelvin Cross Sections

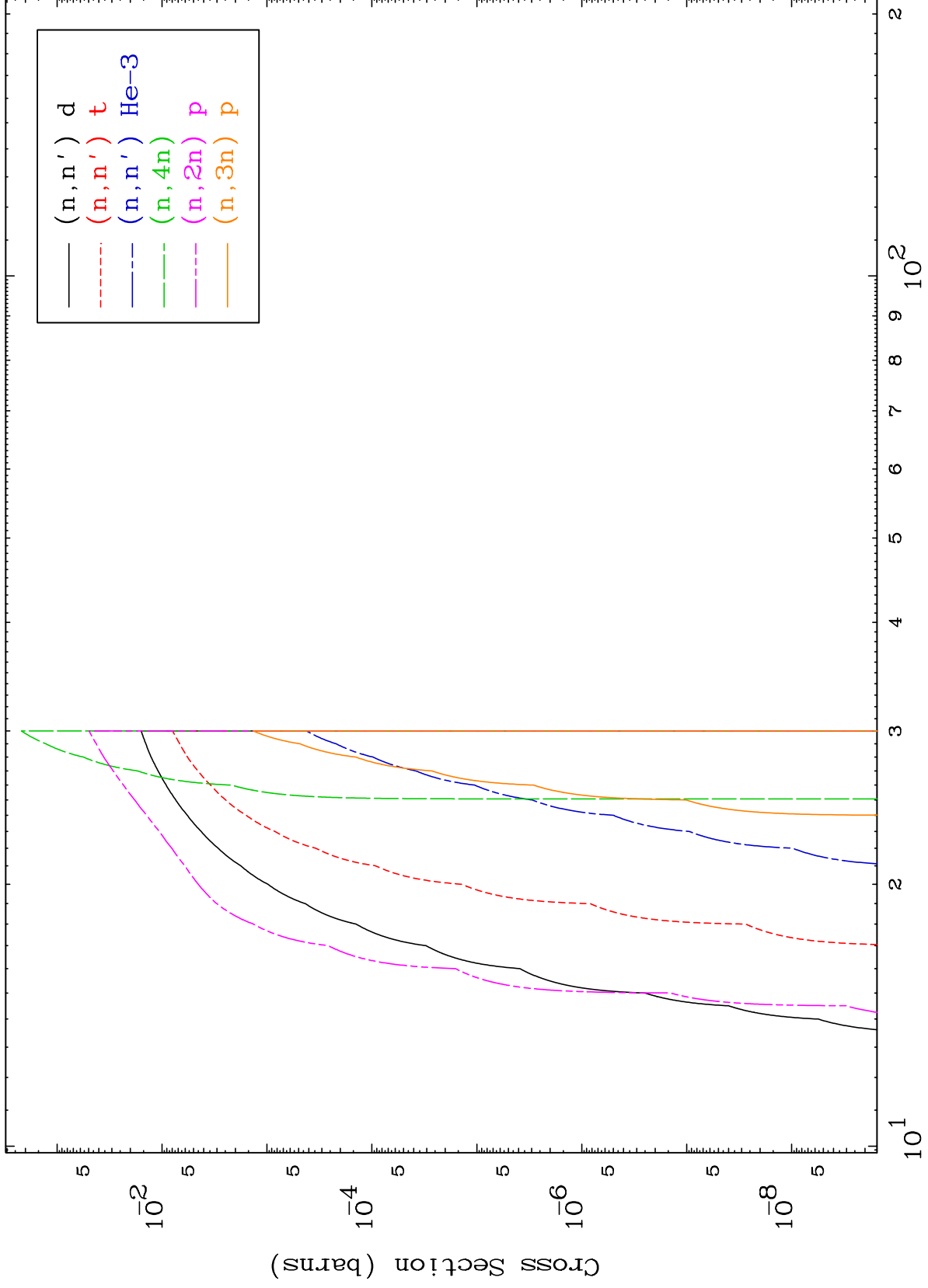
55-Cs-130



MAT 5516

Neutron Production
293 Kelvin Cross Sections

55-Cs-130



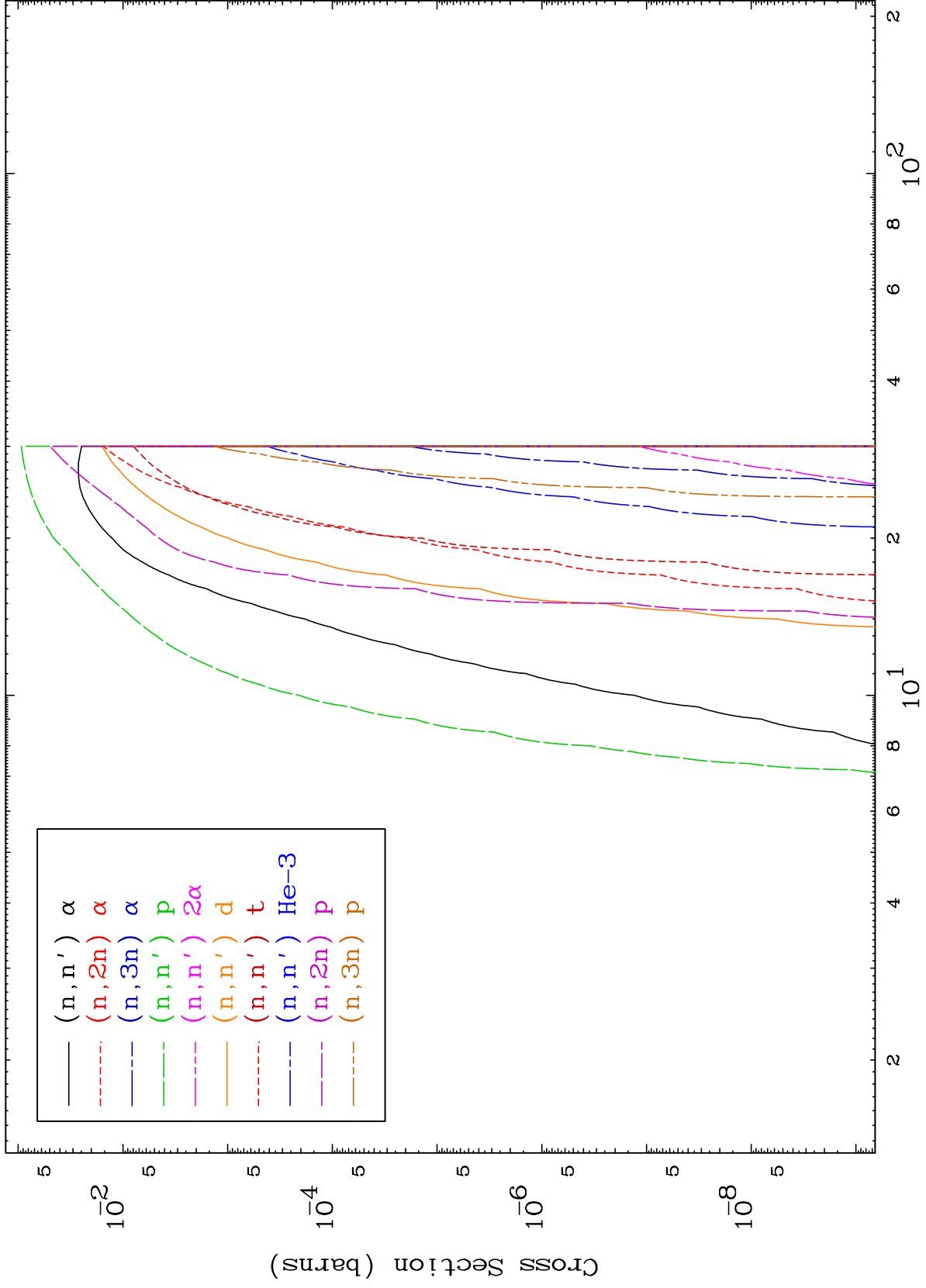
Incident Energy (MeV)

55-Cs-130

MAT 5516

Charged Particle
293 Kelvin Cross Sections

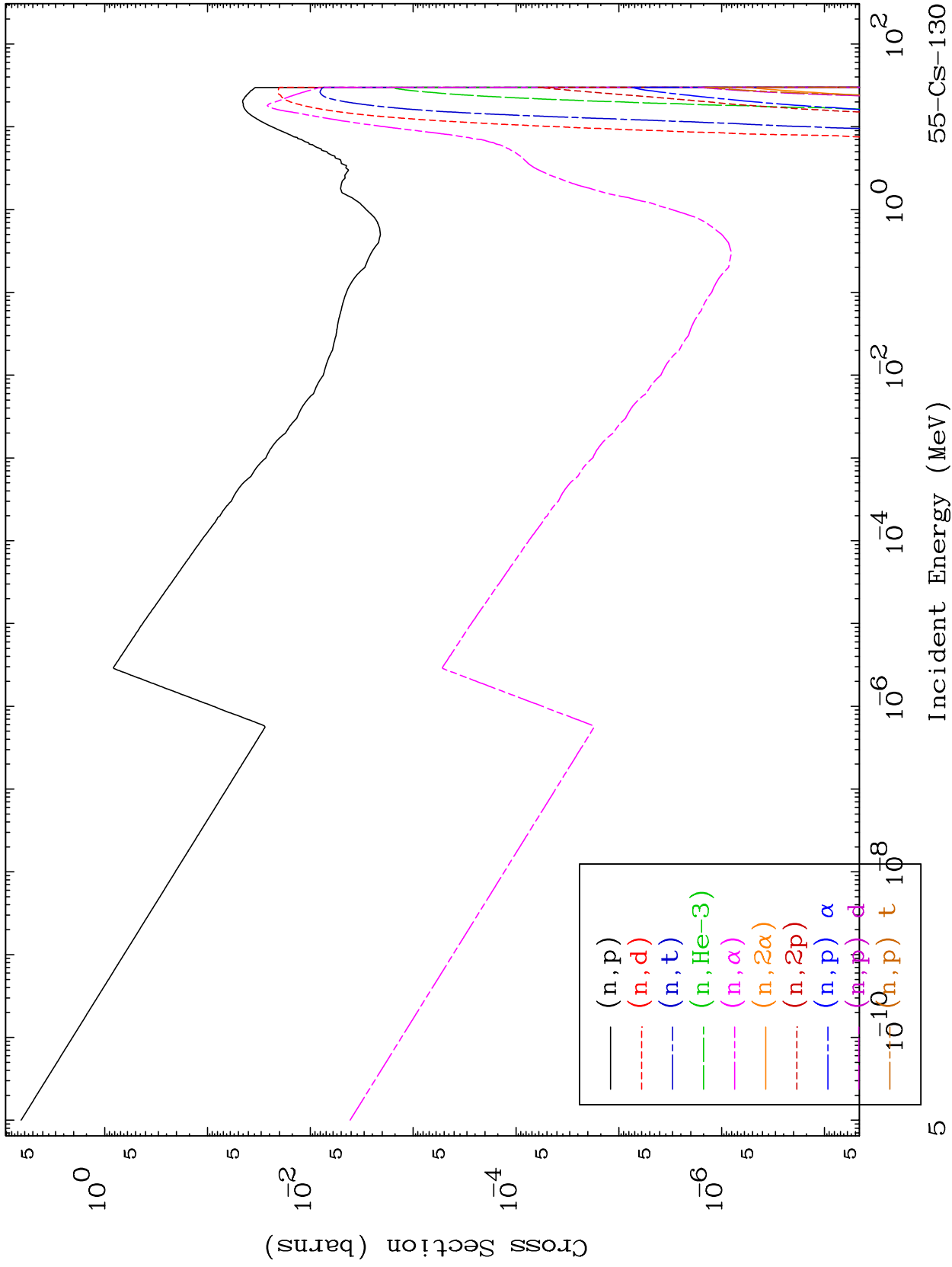
55-Cs-130



MAT 5516

Charged Particle
293 Kelvin Cross Sections

55-Cs-130

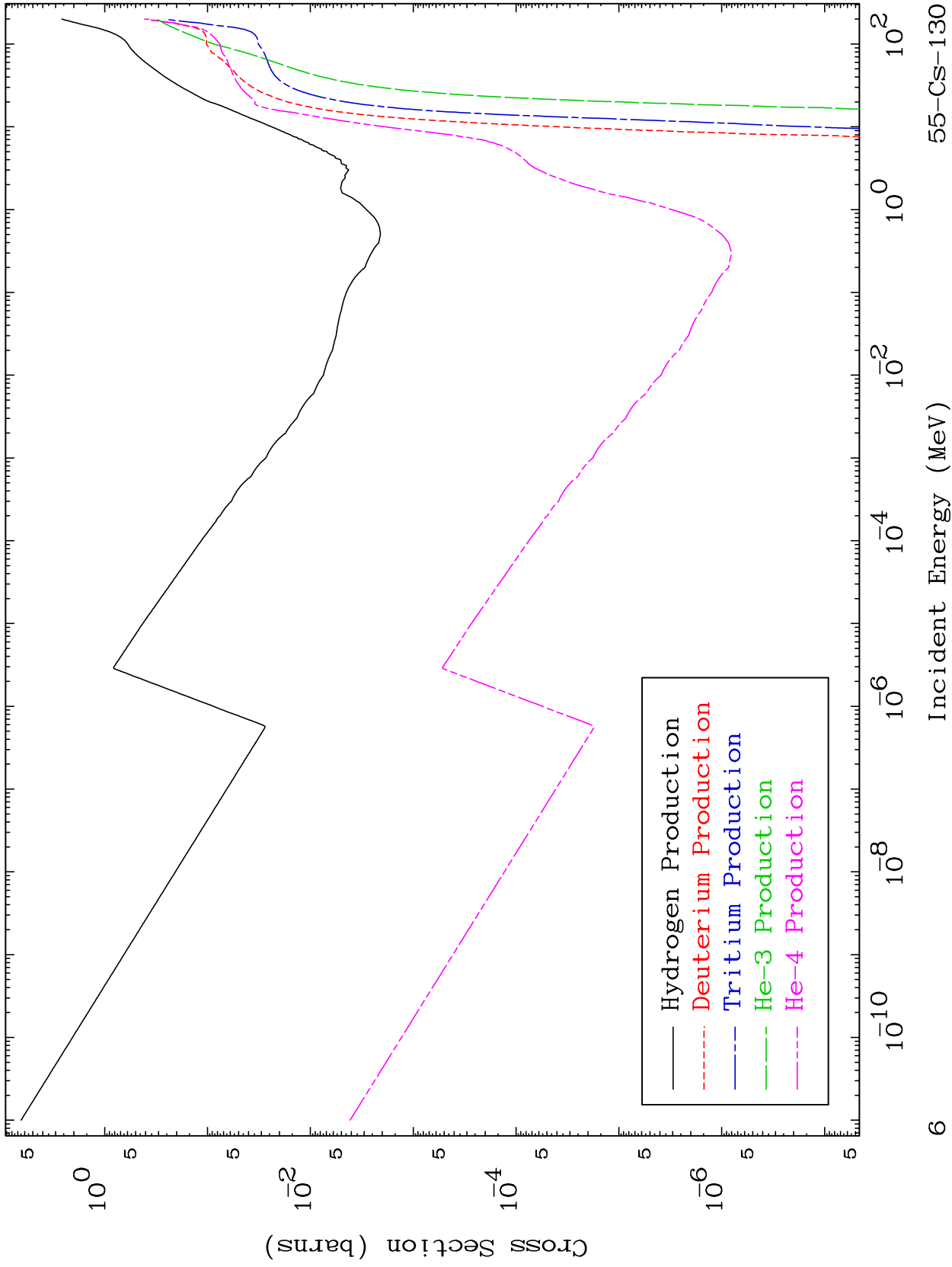


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MAT 5516

Particle Production
293 Kelvin Cross Sections

55-Cs-130

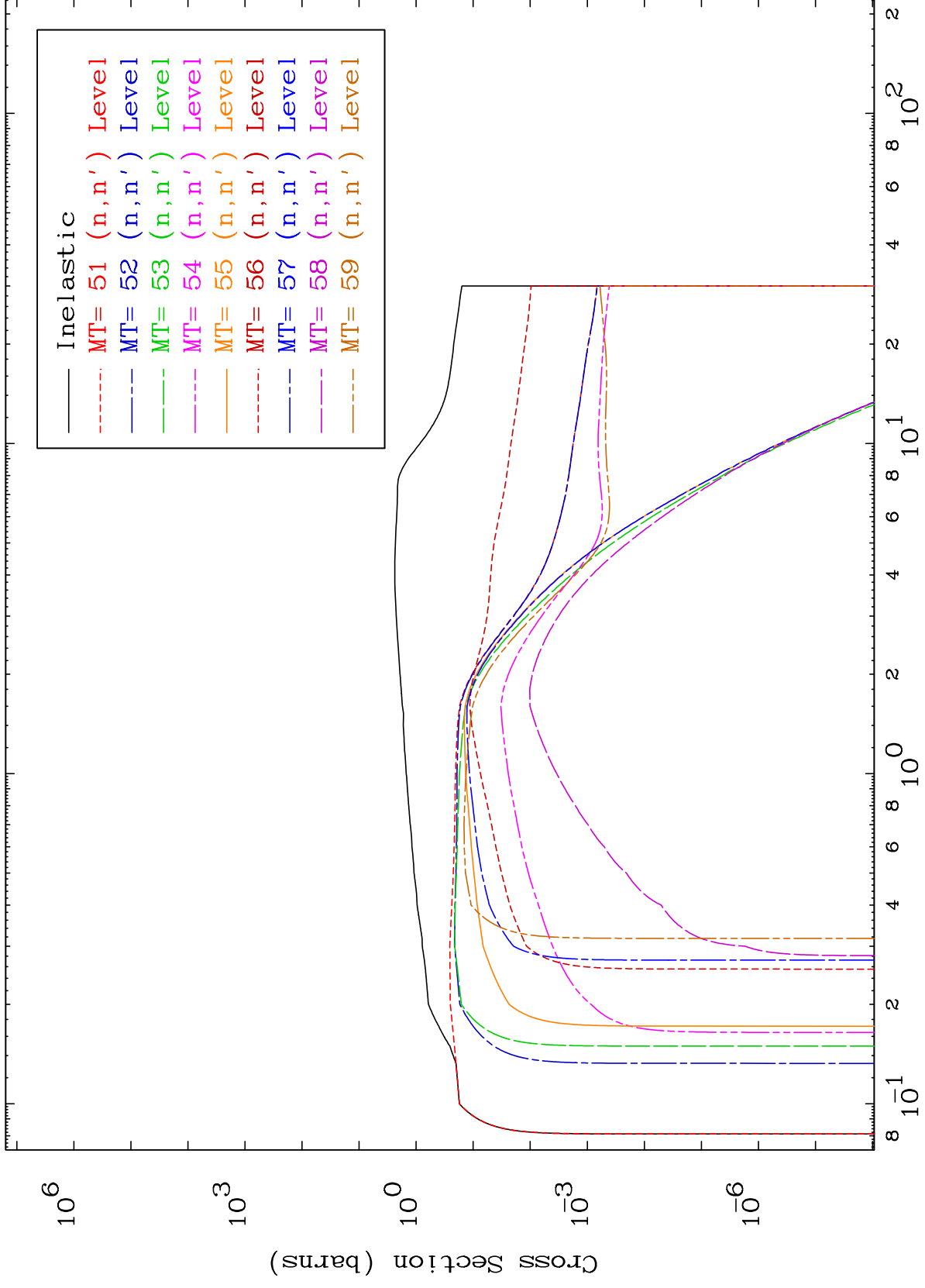


MAT 5516

(n,n') Level

55-Cs-130

293 Kelvin Cross Sections



Incident Energy (MeV)

55-Cs-130

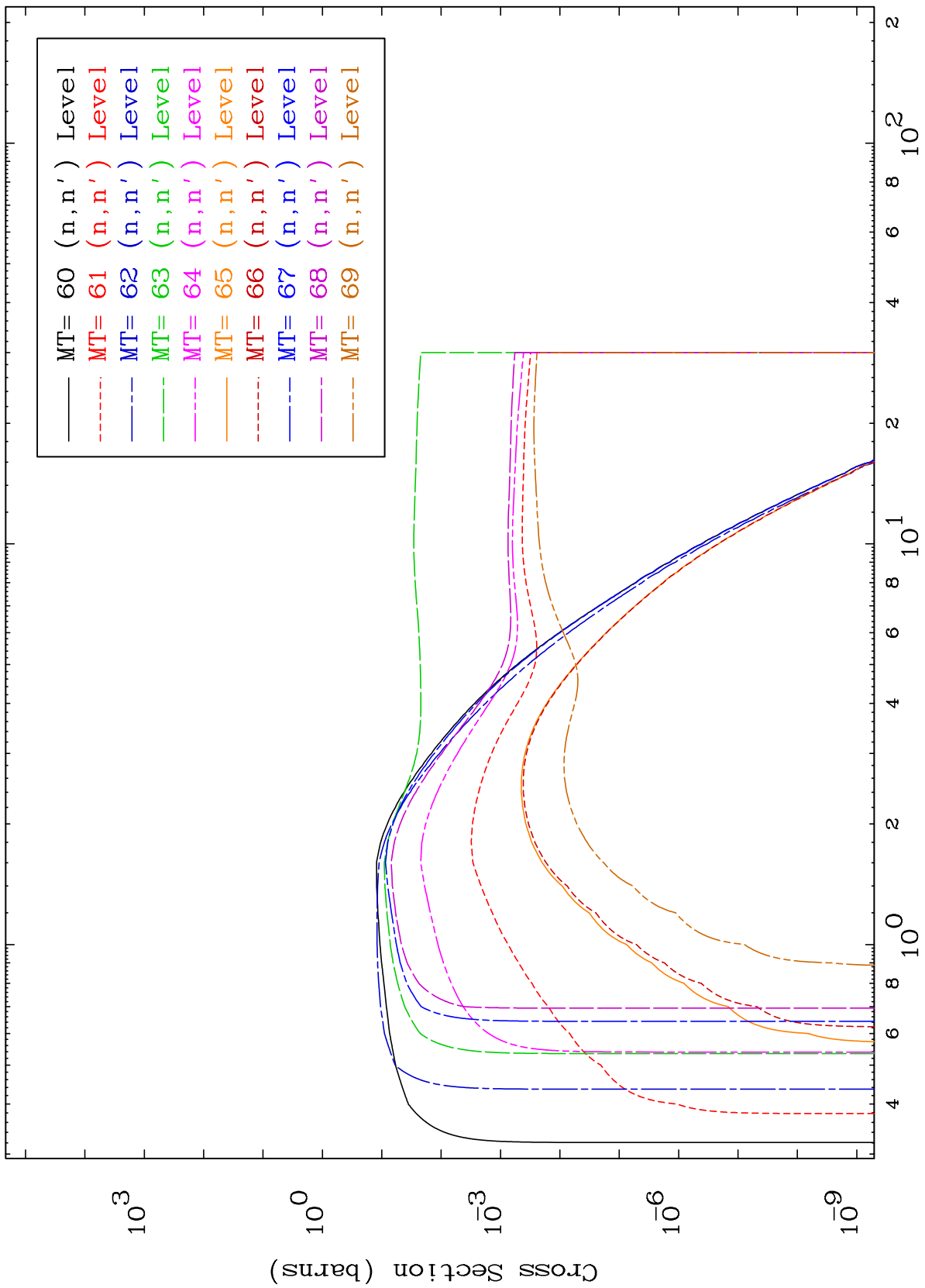
7

MAT 5516

(n,n') Level

55-Cs-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

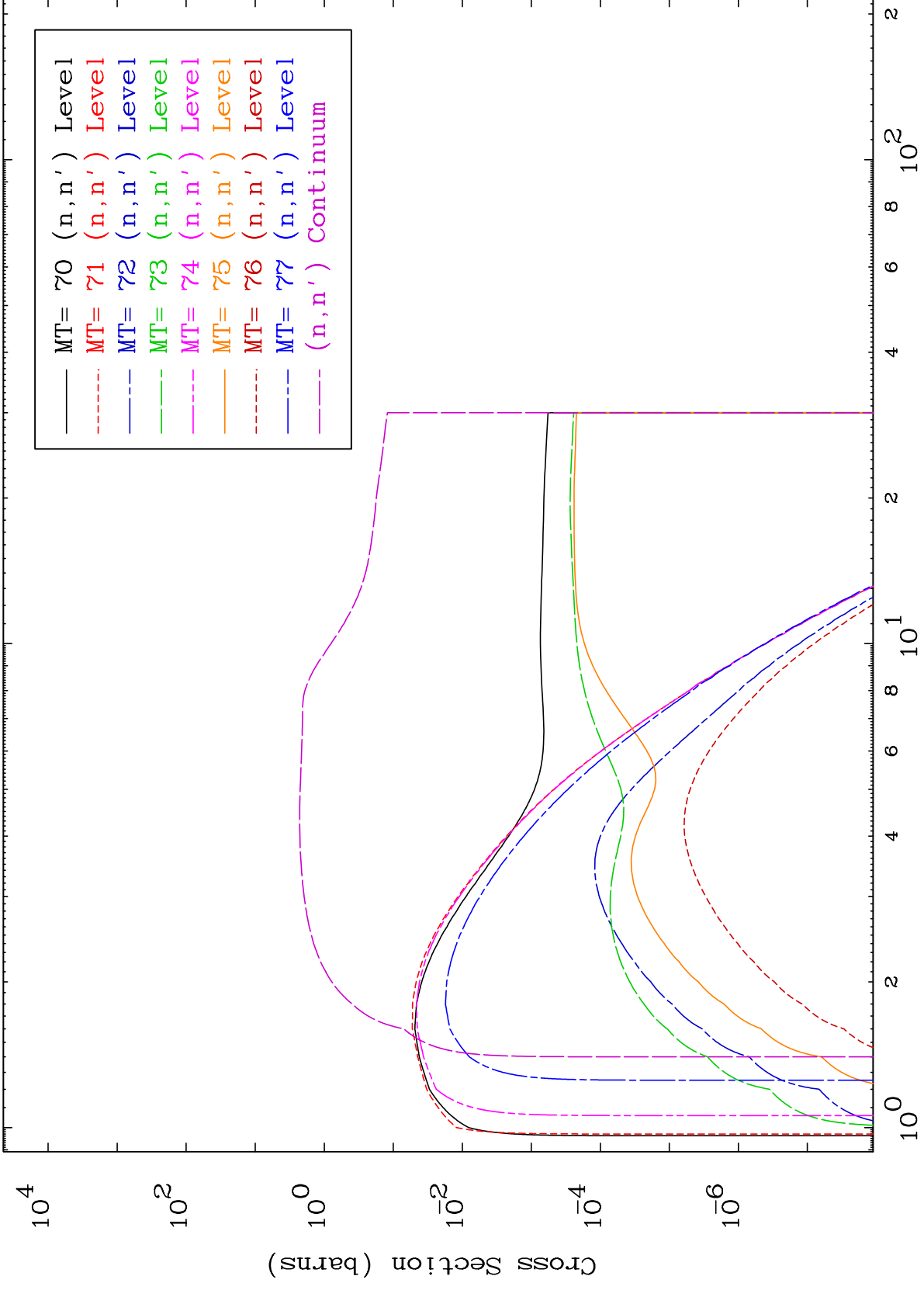
55-Cs-130

MAT 5516

(n,n') Level

55-Cs-130

293 Kelvin Cross Sections



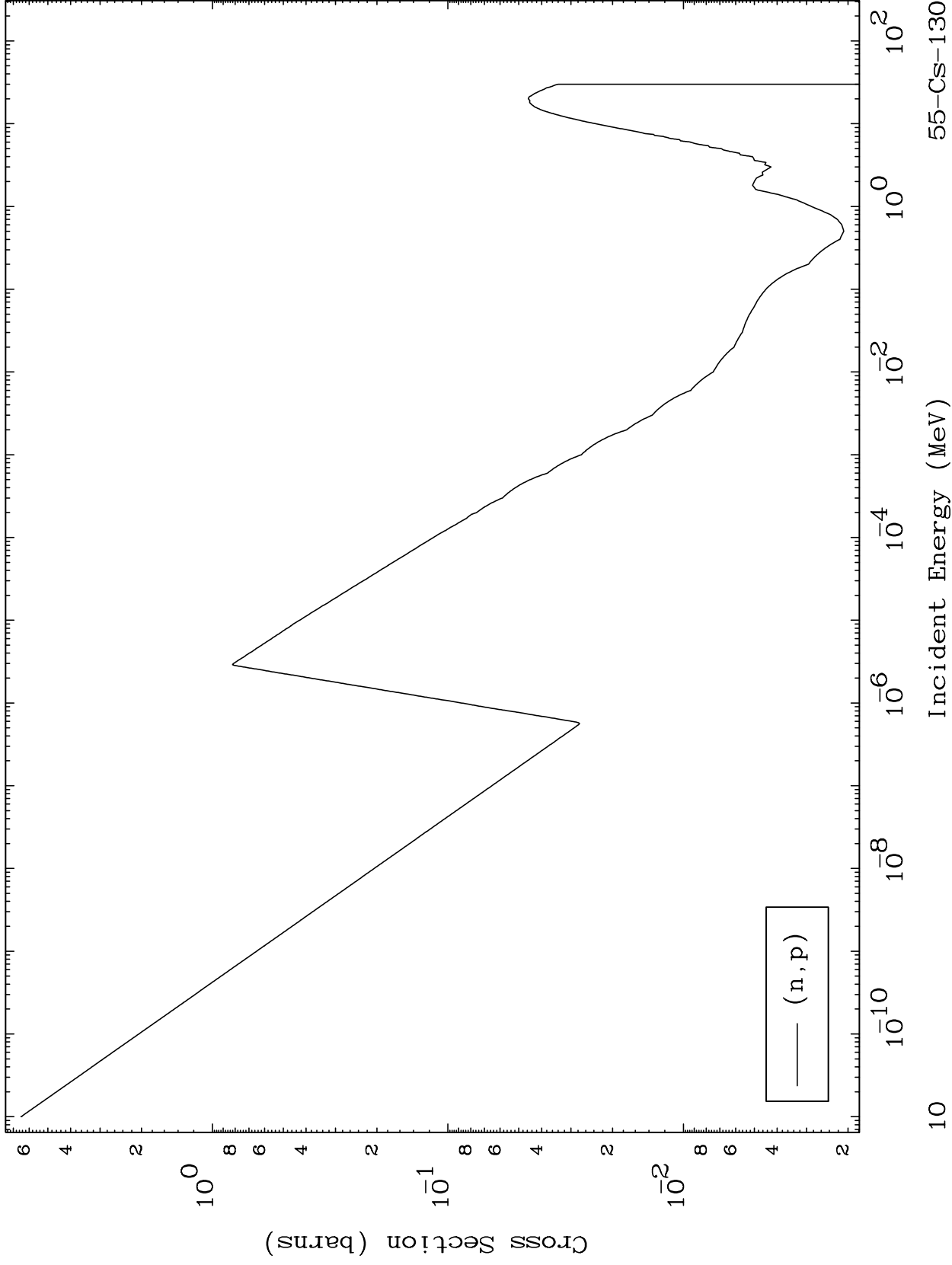
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,p) Levels
293 Kelvin Cross Sections

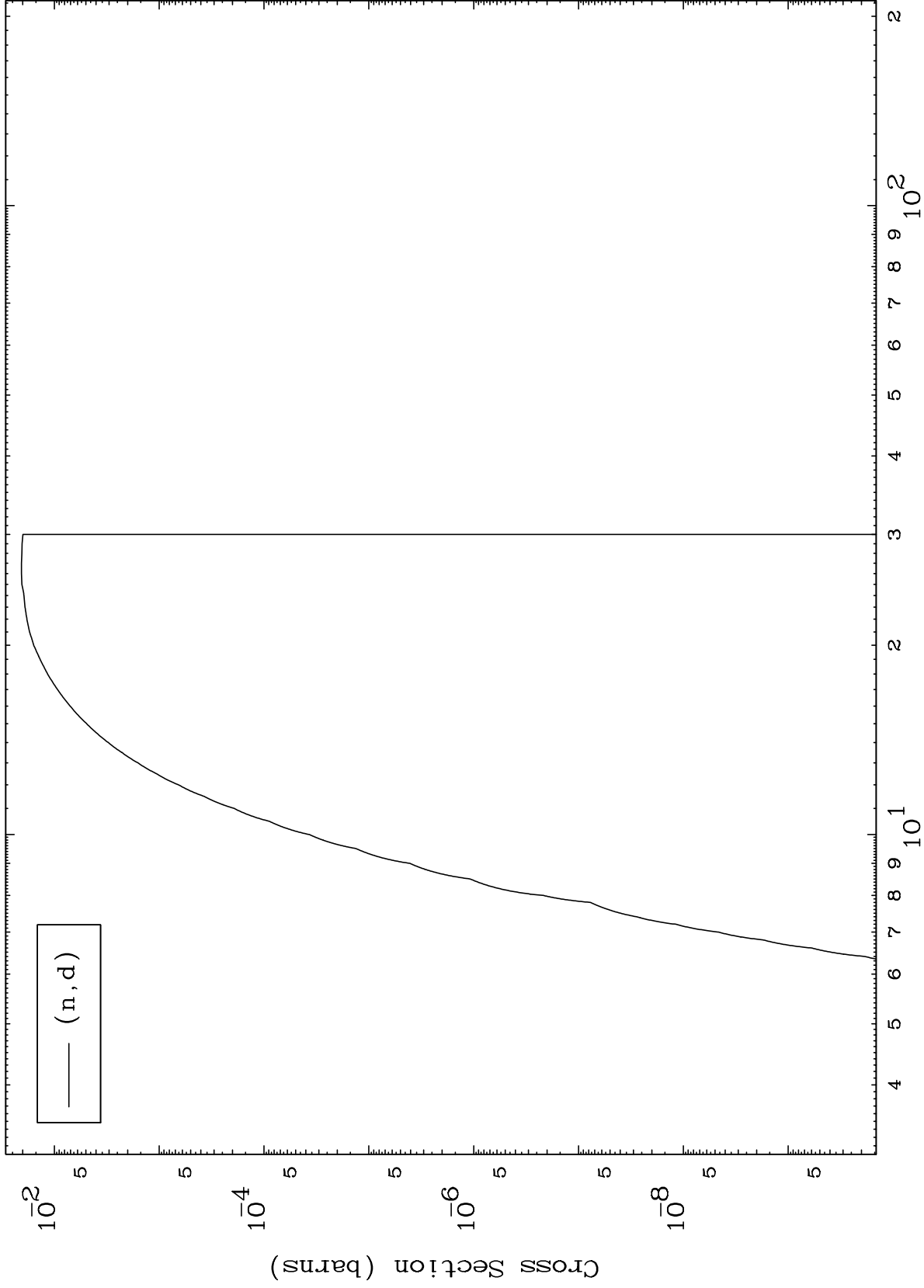
55-Cs-130



MAT 5516

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-130



11

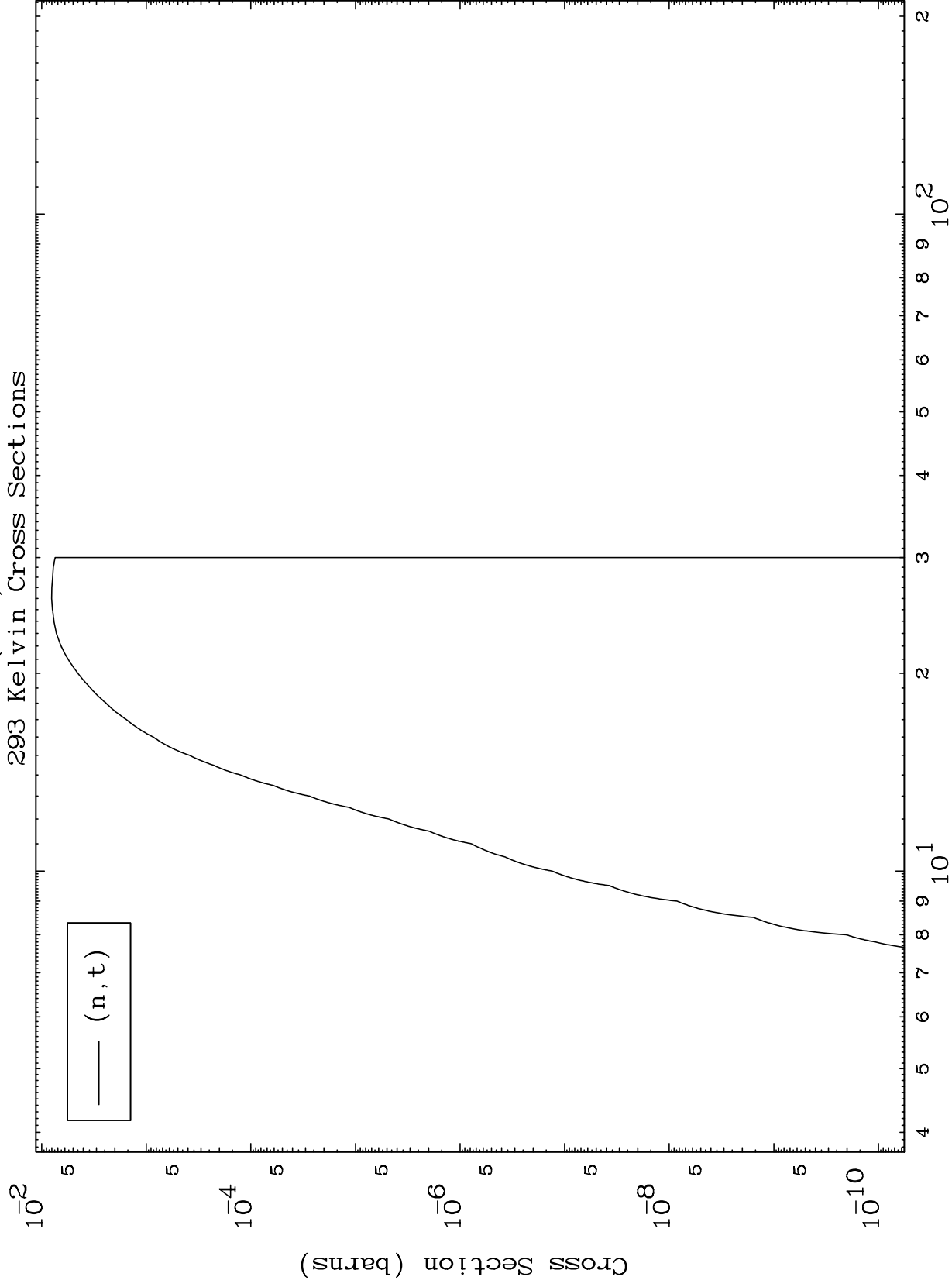
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-130



12

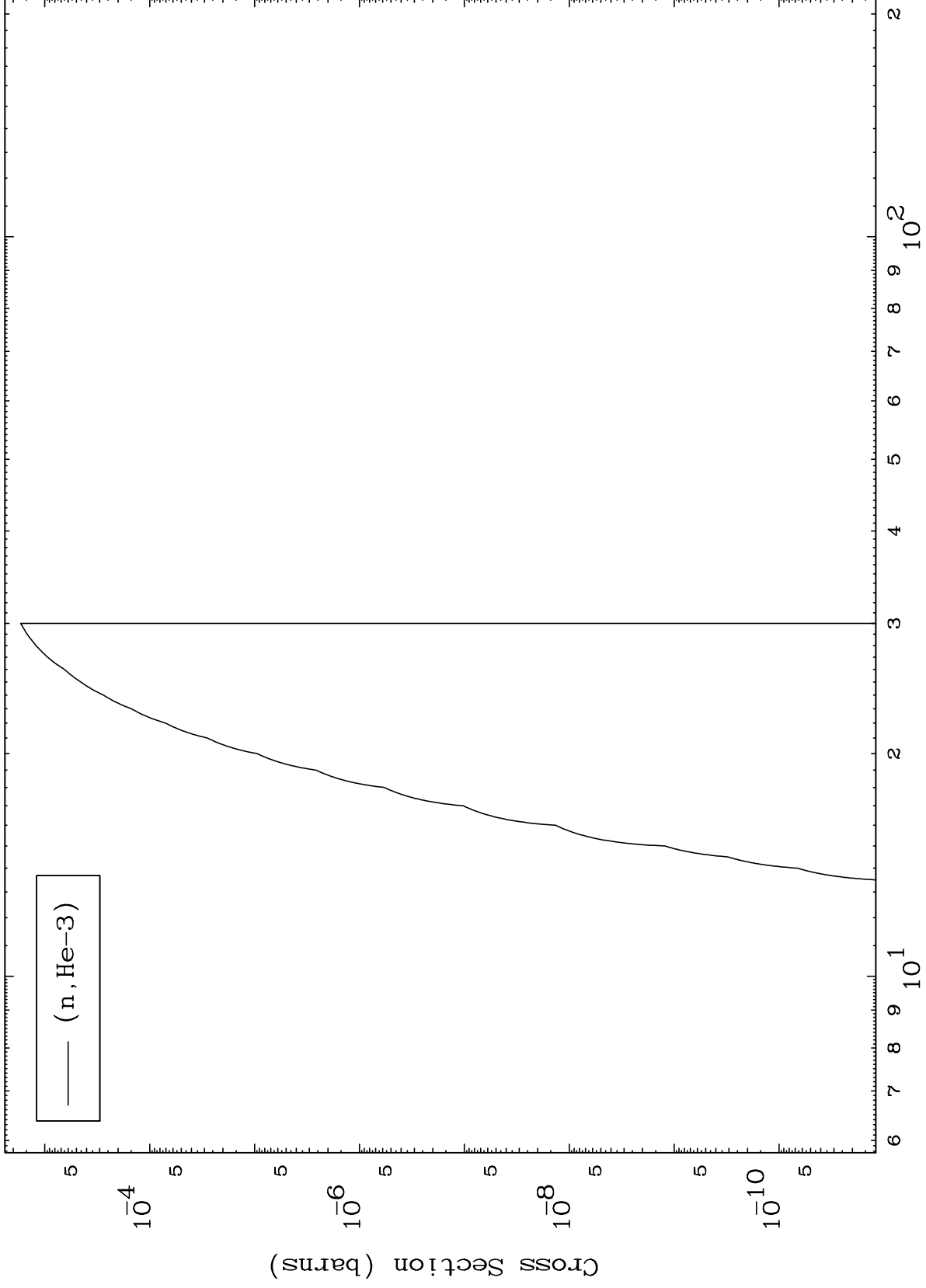
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-130



13

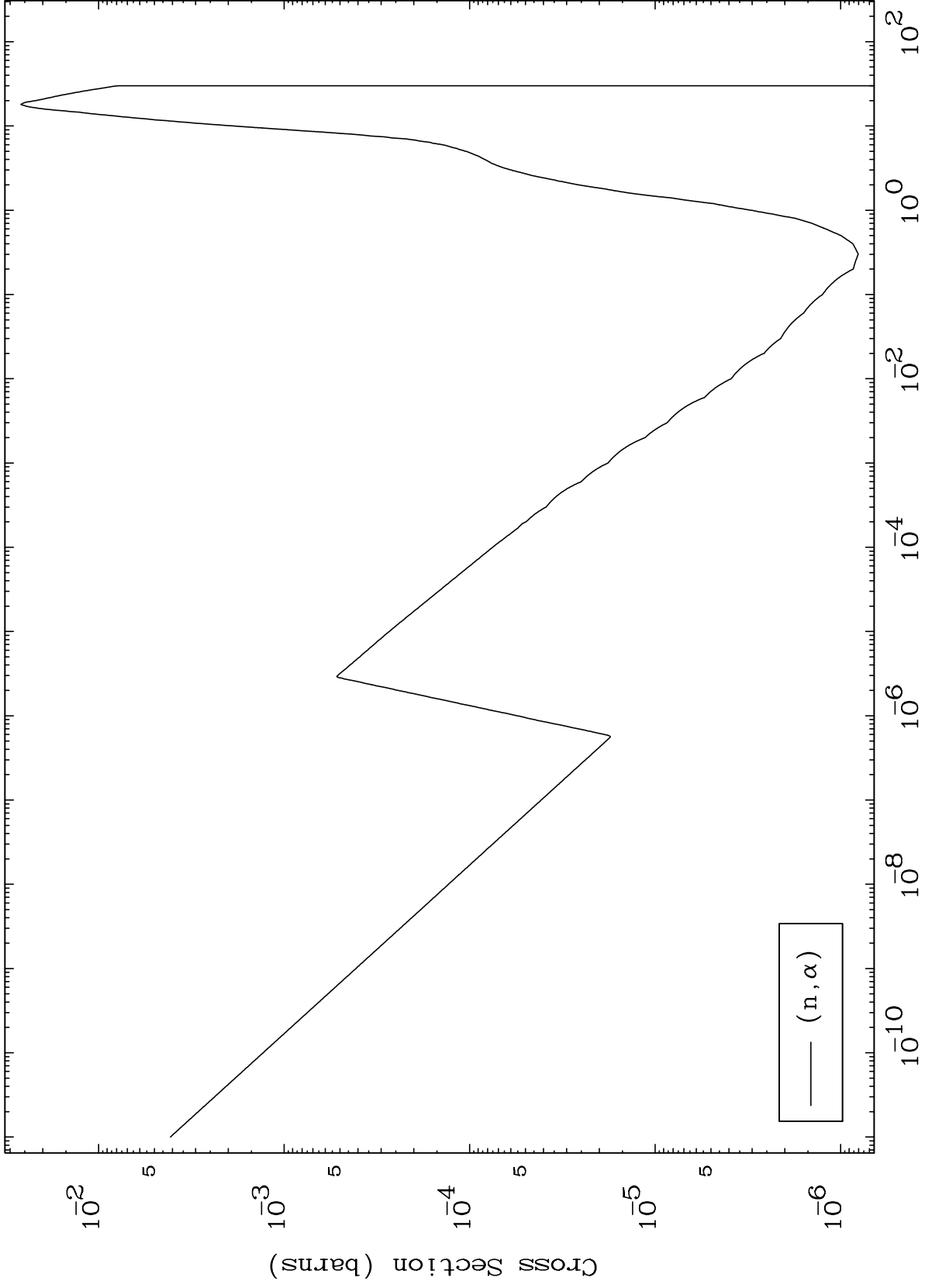
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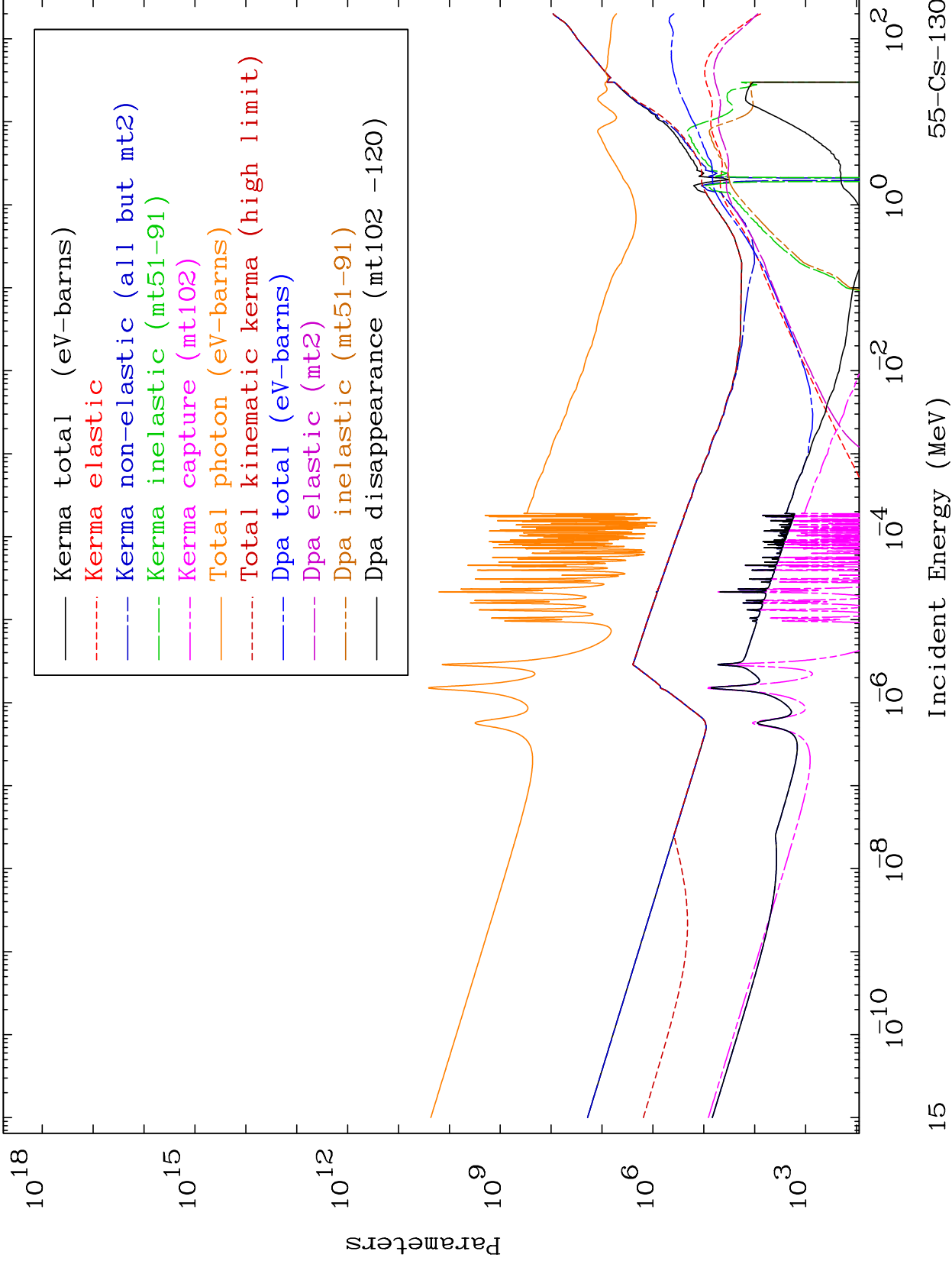
55-Cs-130

MAT 5516

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-130

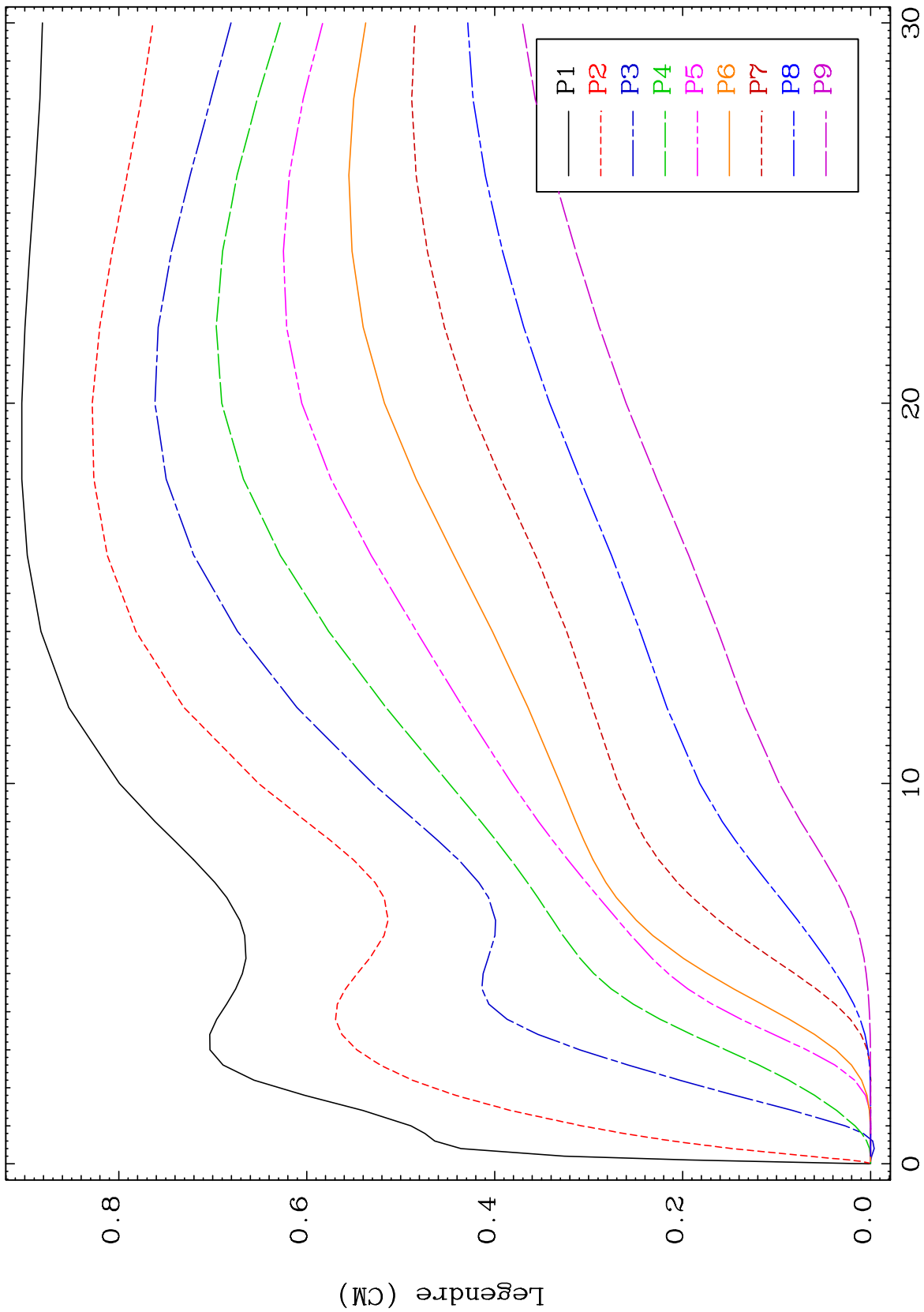




MAT 5516

Elastic Legendre Coefficients

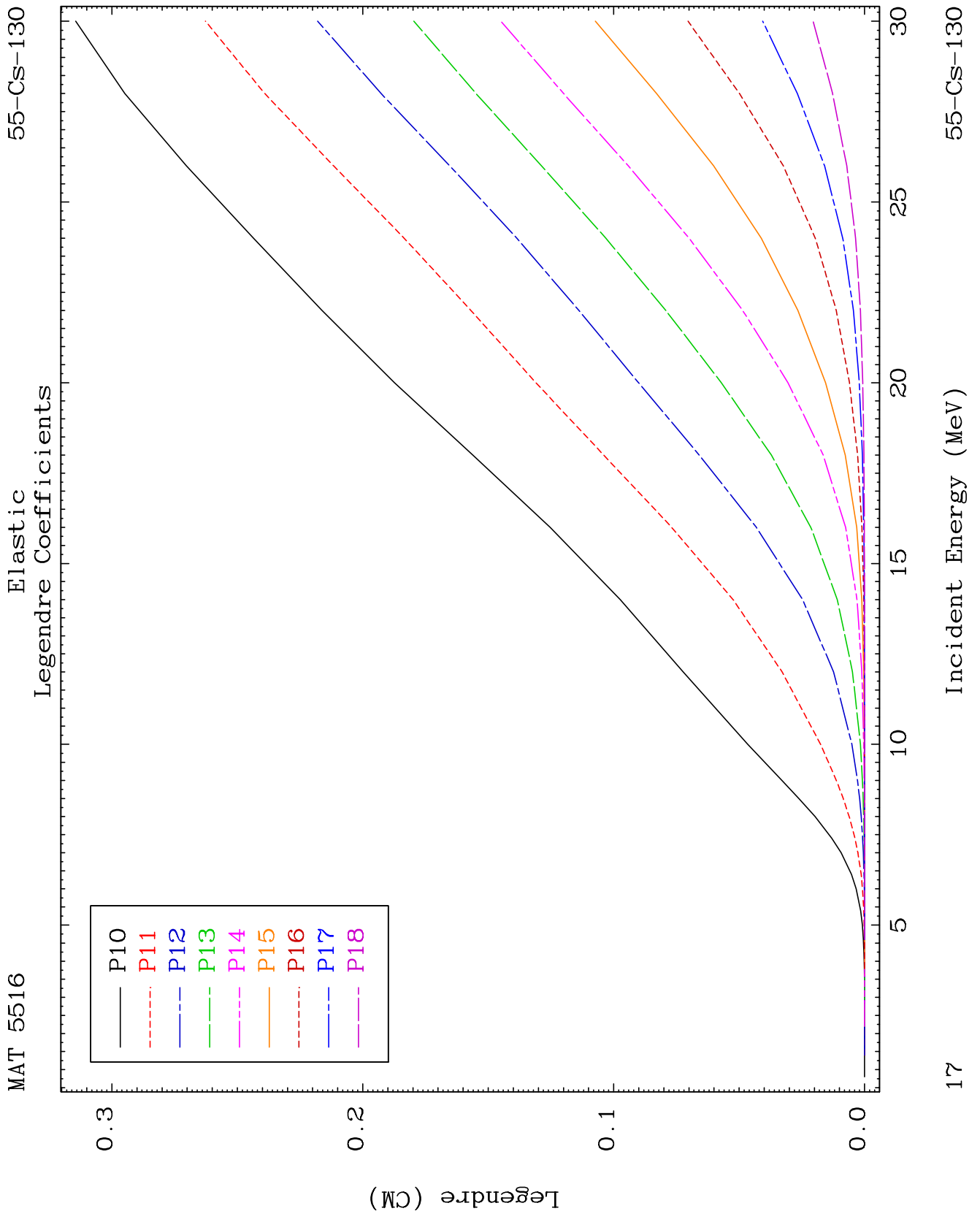
55-Cs-130



16

Incident Energy (MeV)

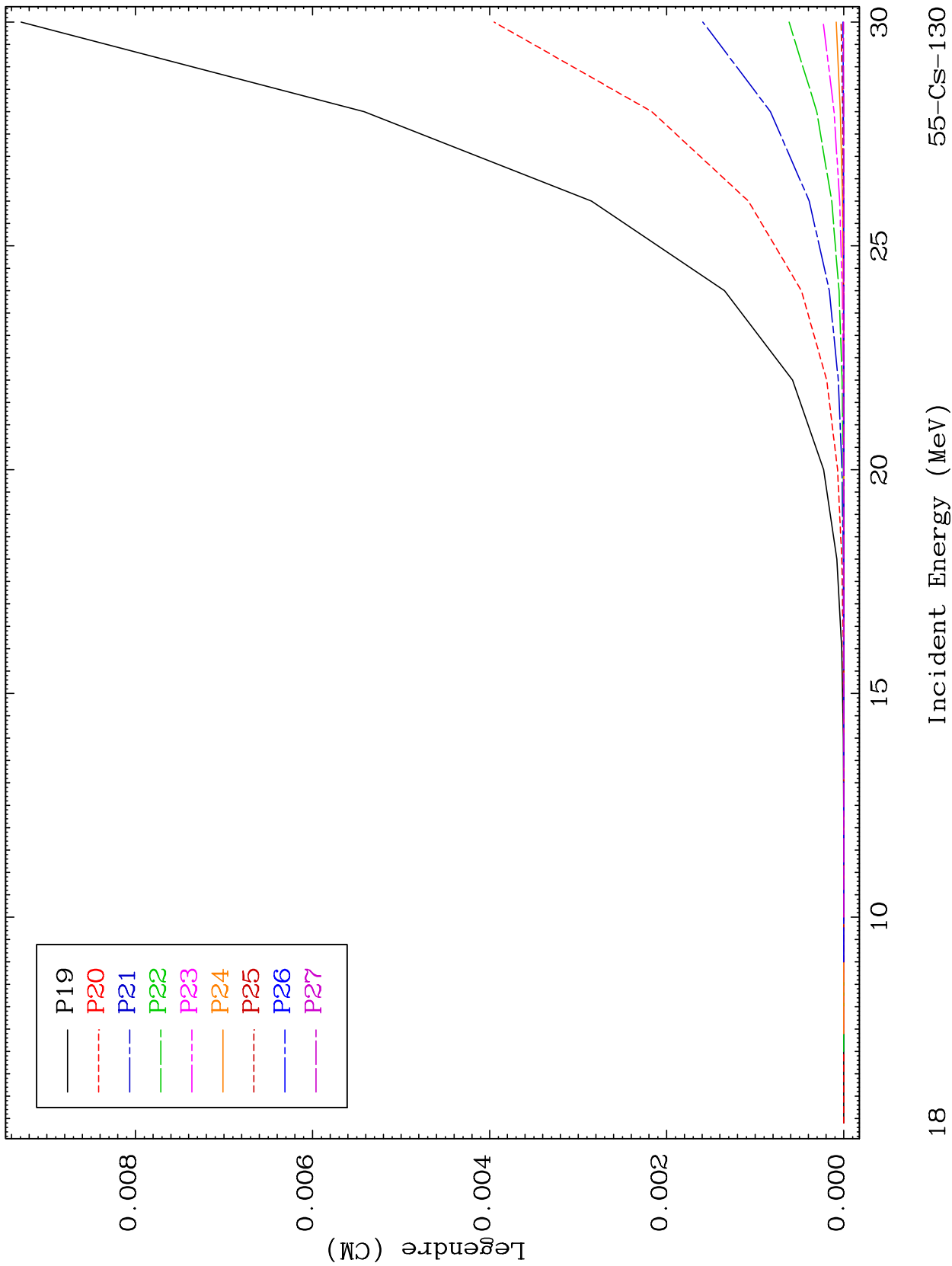
55-Cs-130



MAT 5516

Elastic Legendre Coefficients

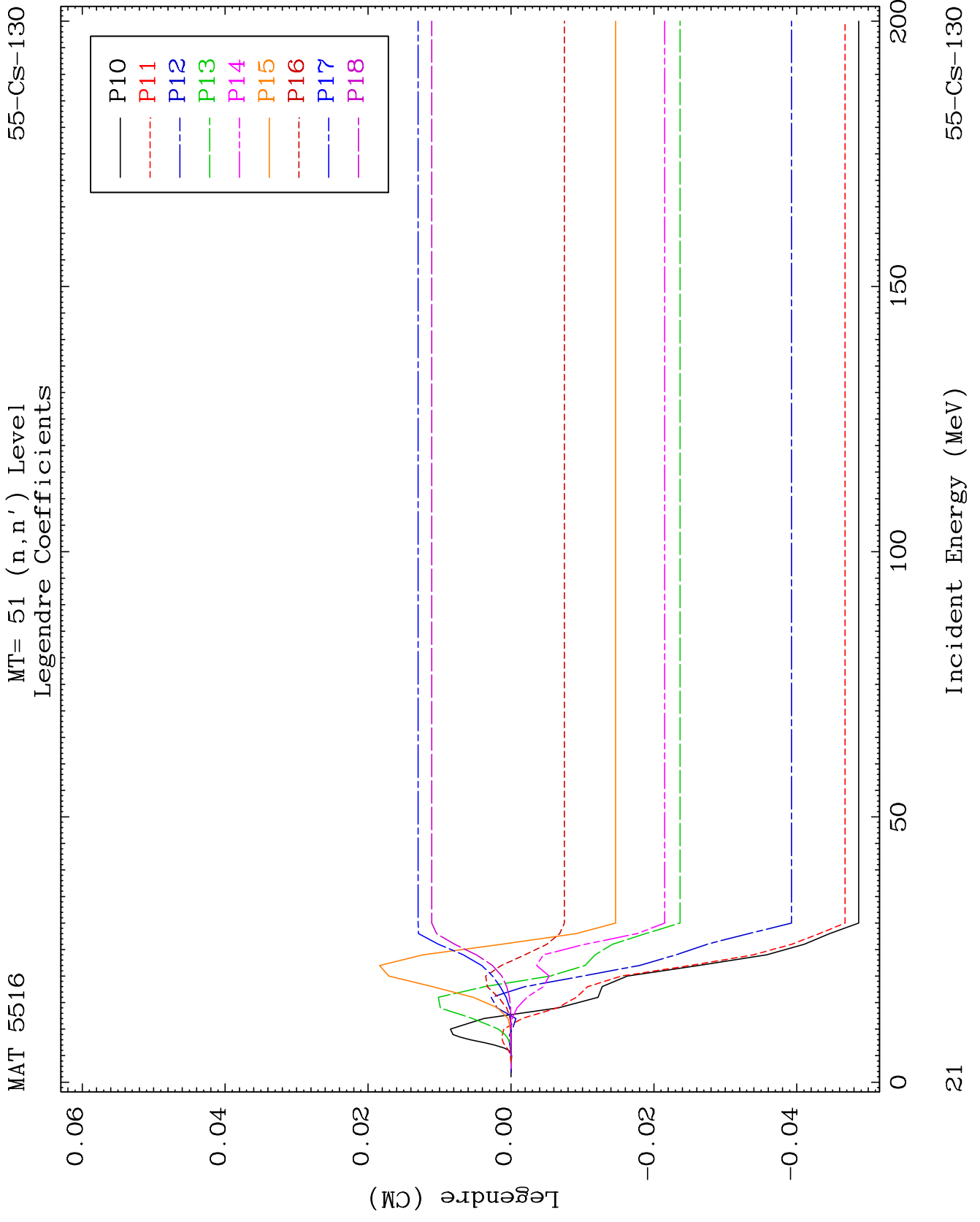
55-Cs-130



18

Incident Energy (MeV)

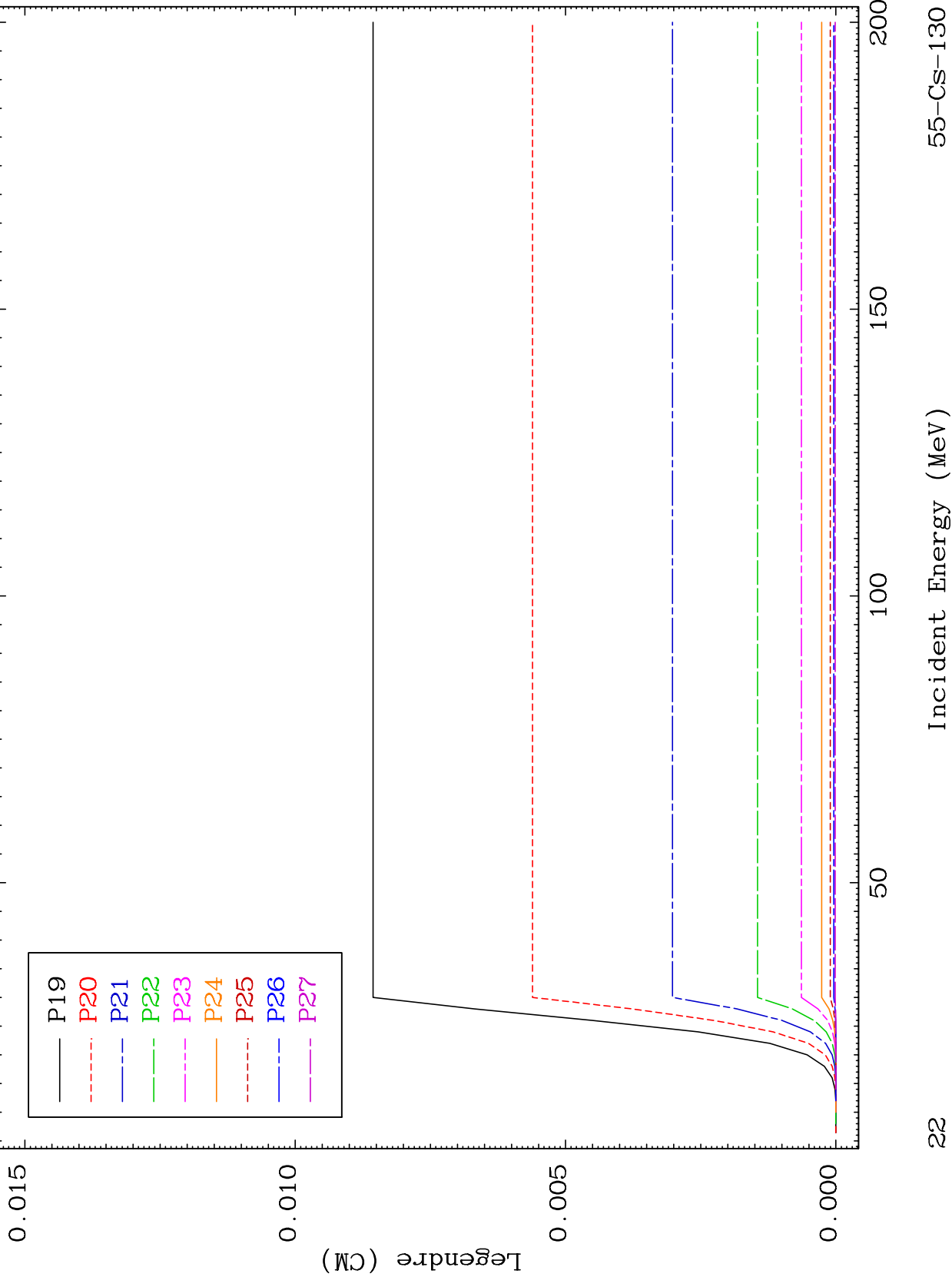
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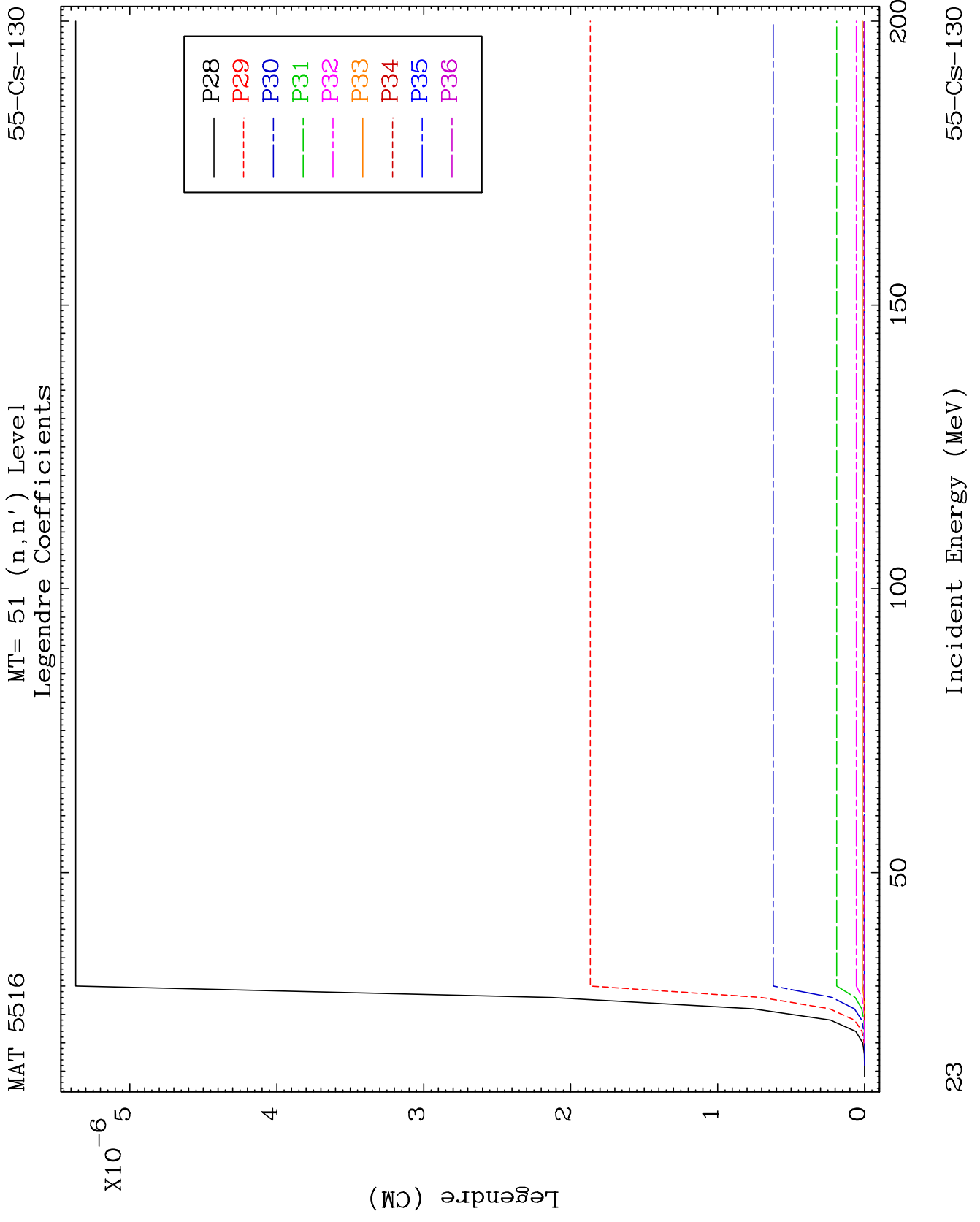


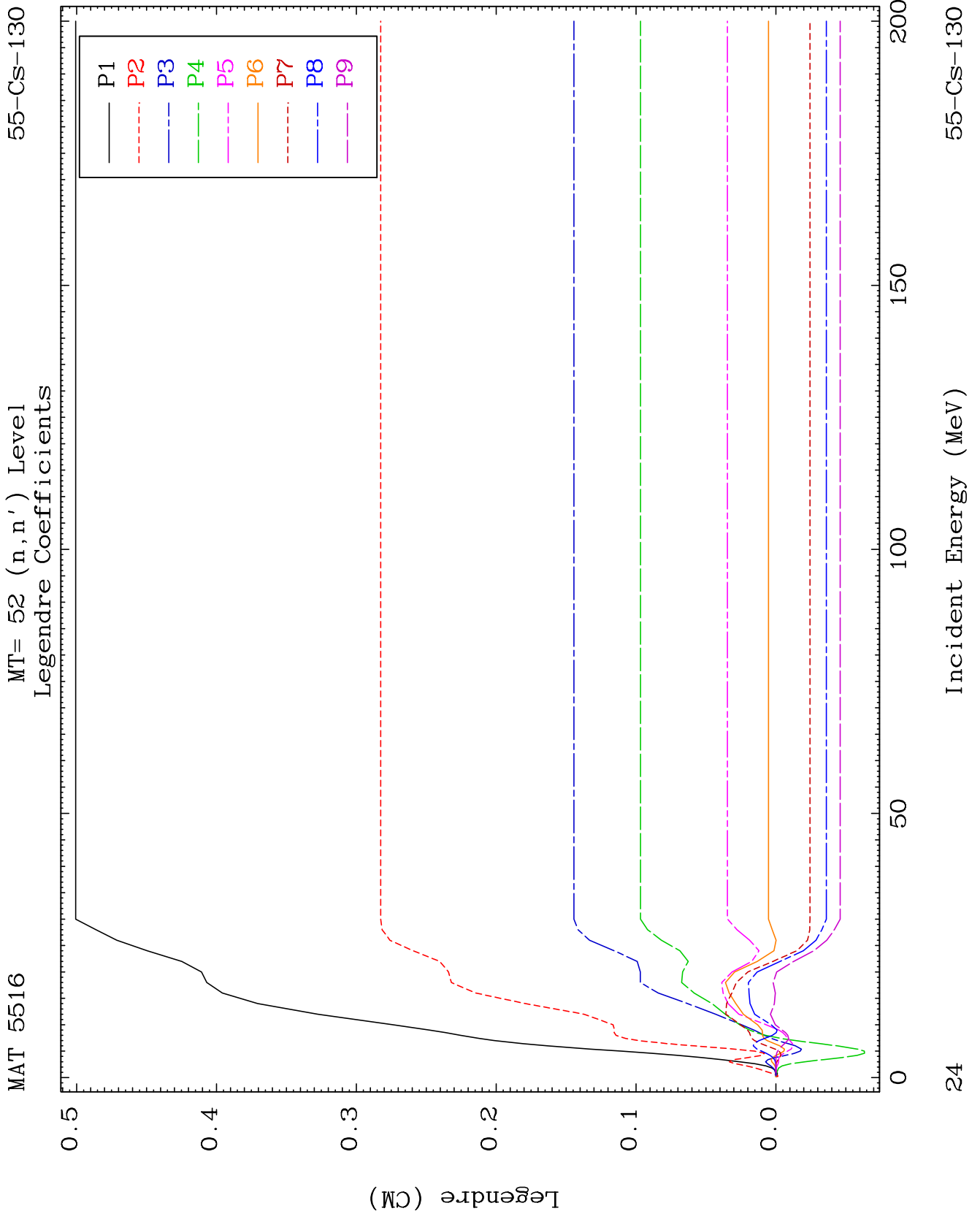
MAT 5516

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

55-Cs-130



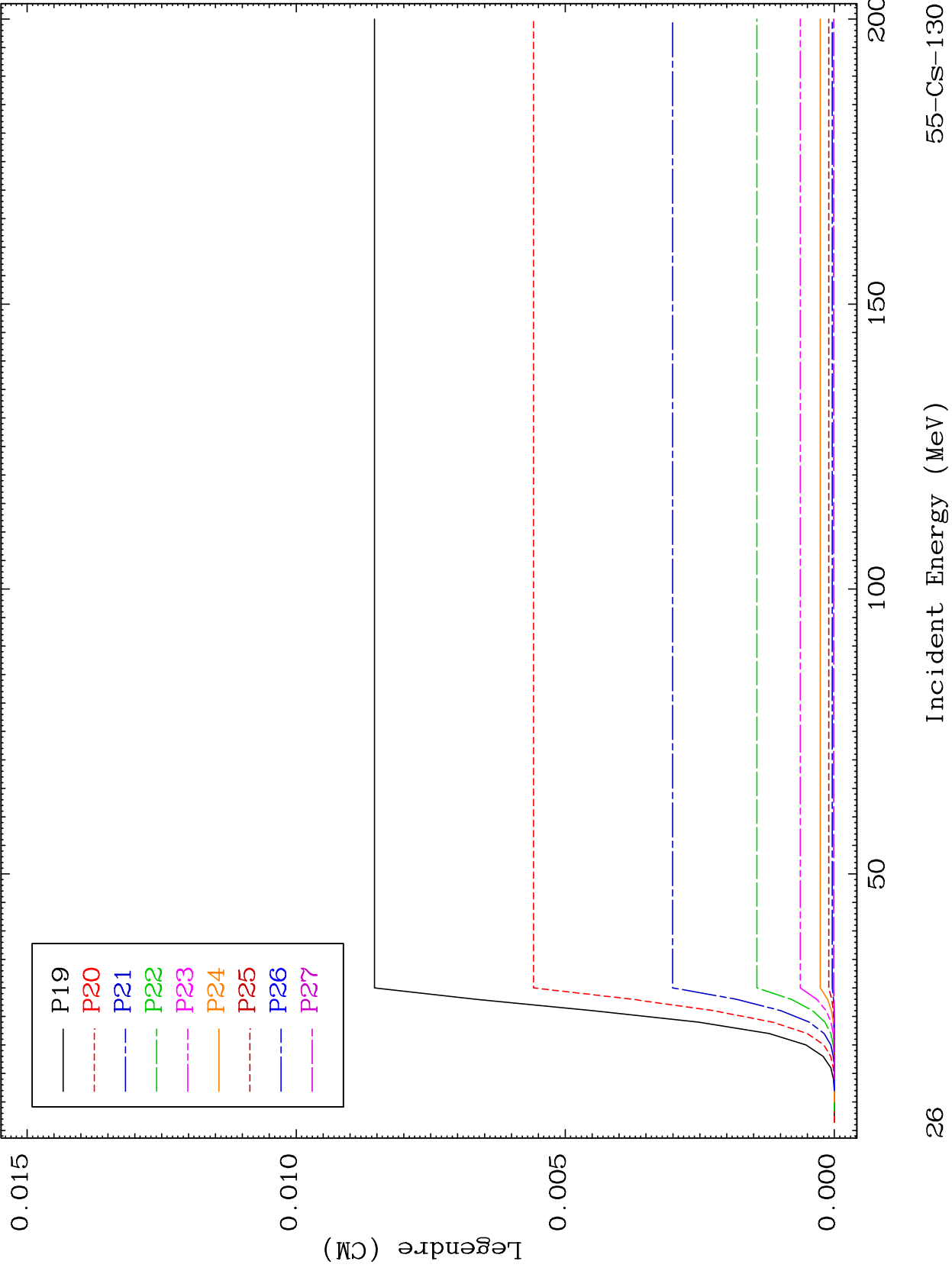




MAT 5516

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

55-Cs-130



26

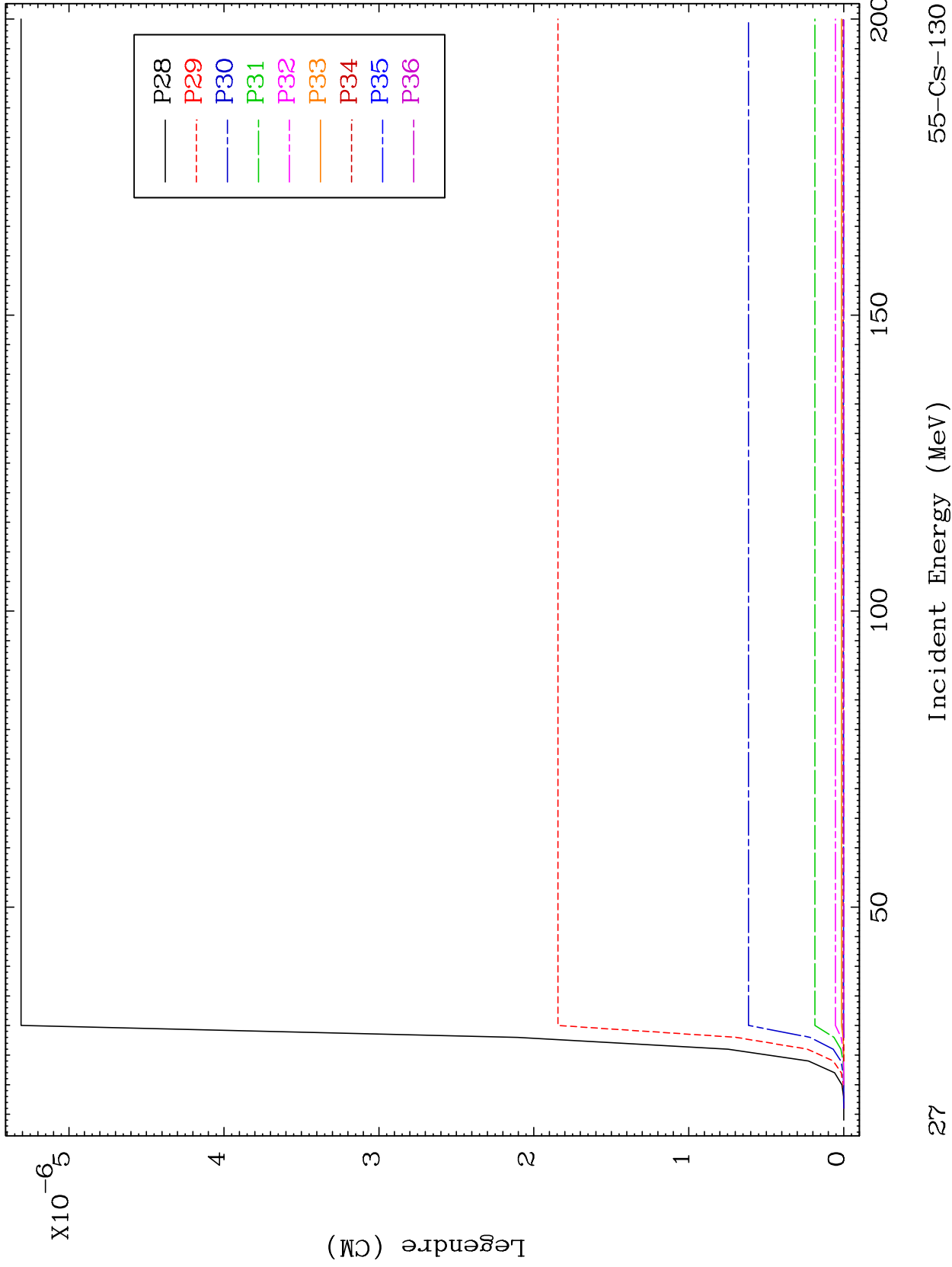
Incident Energy (MeV)

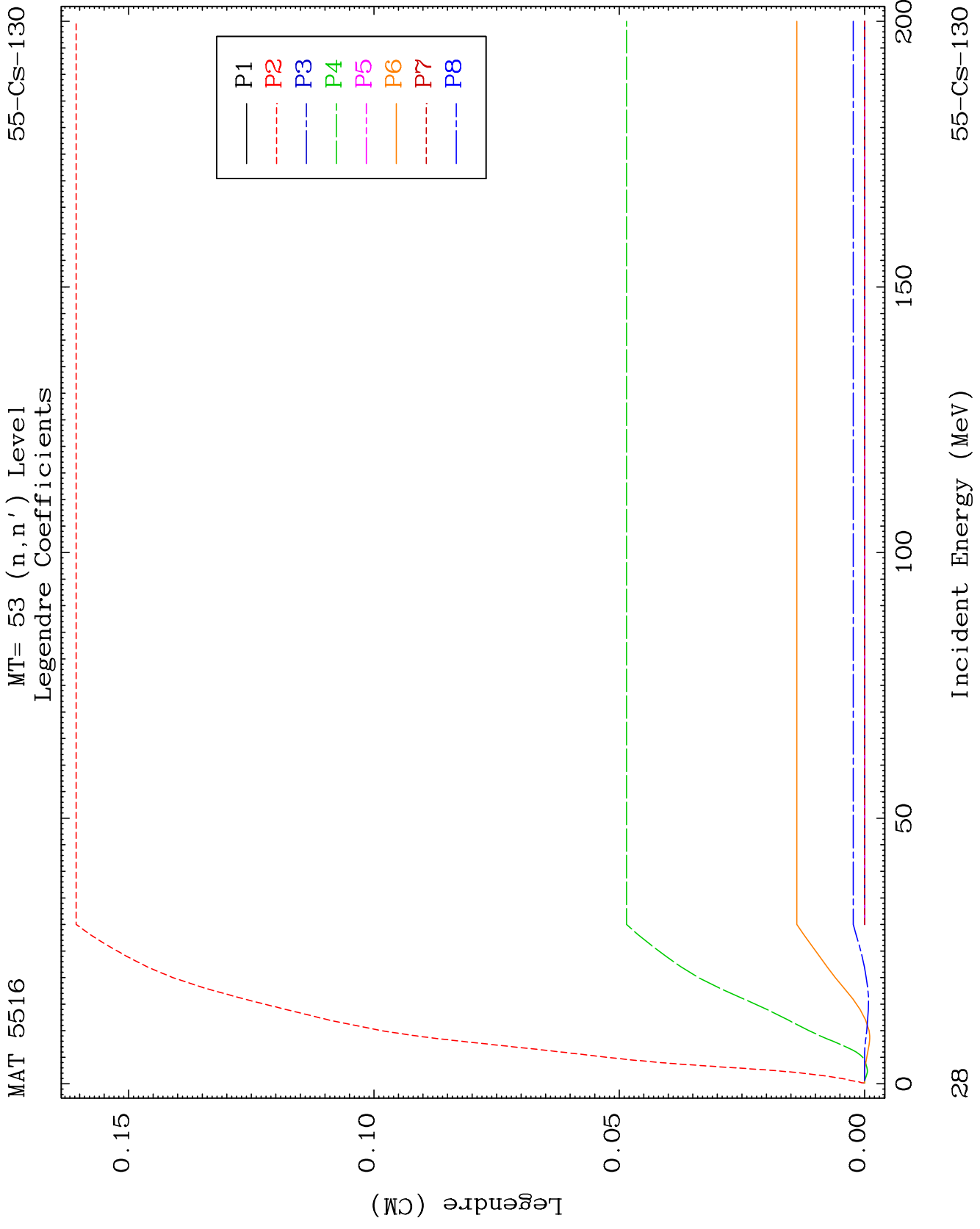
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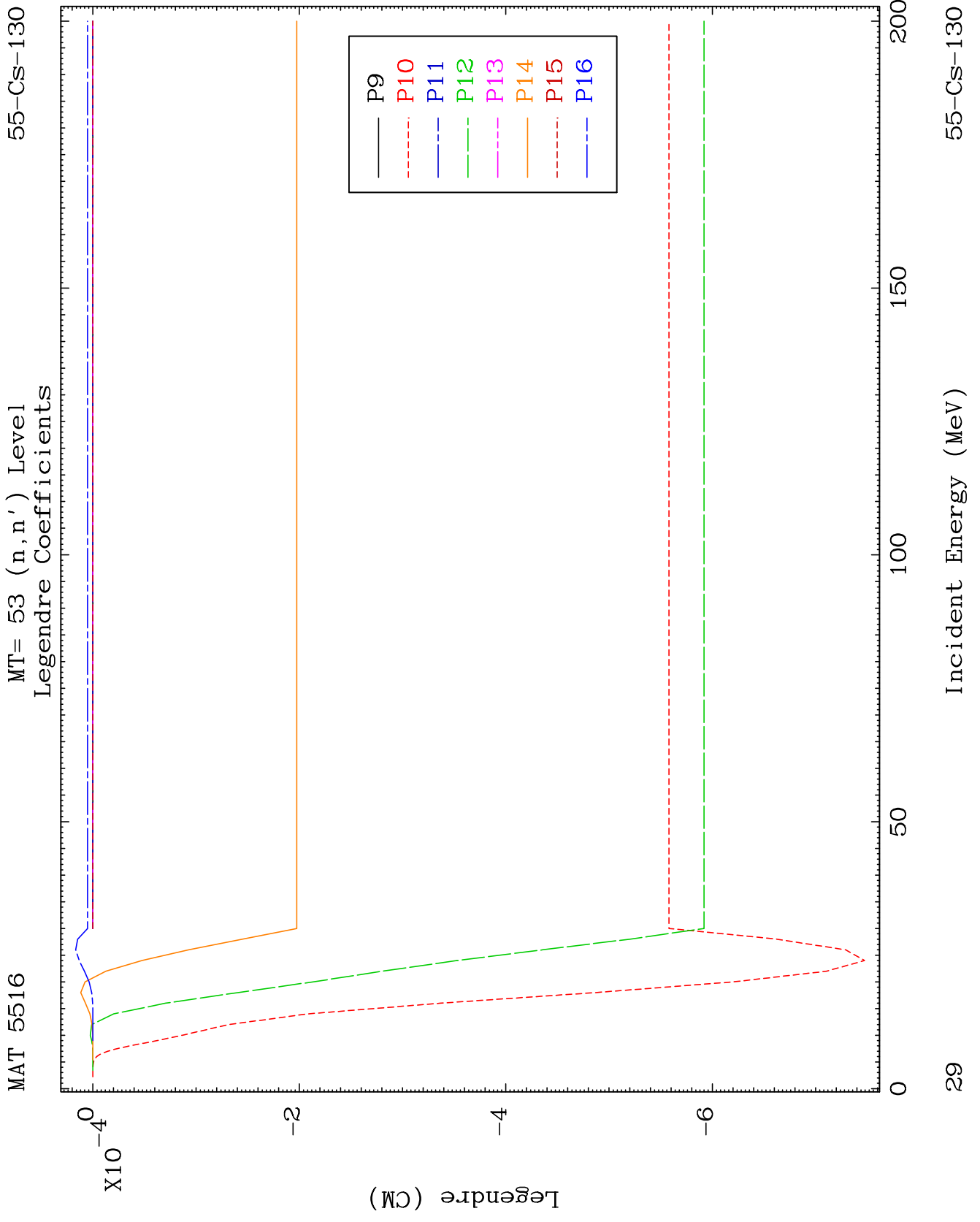
MAT 5516

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

55-Cs-130



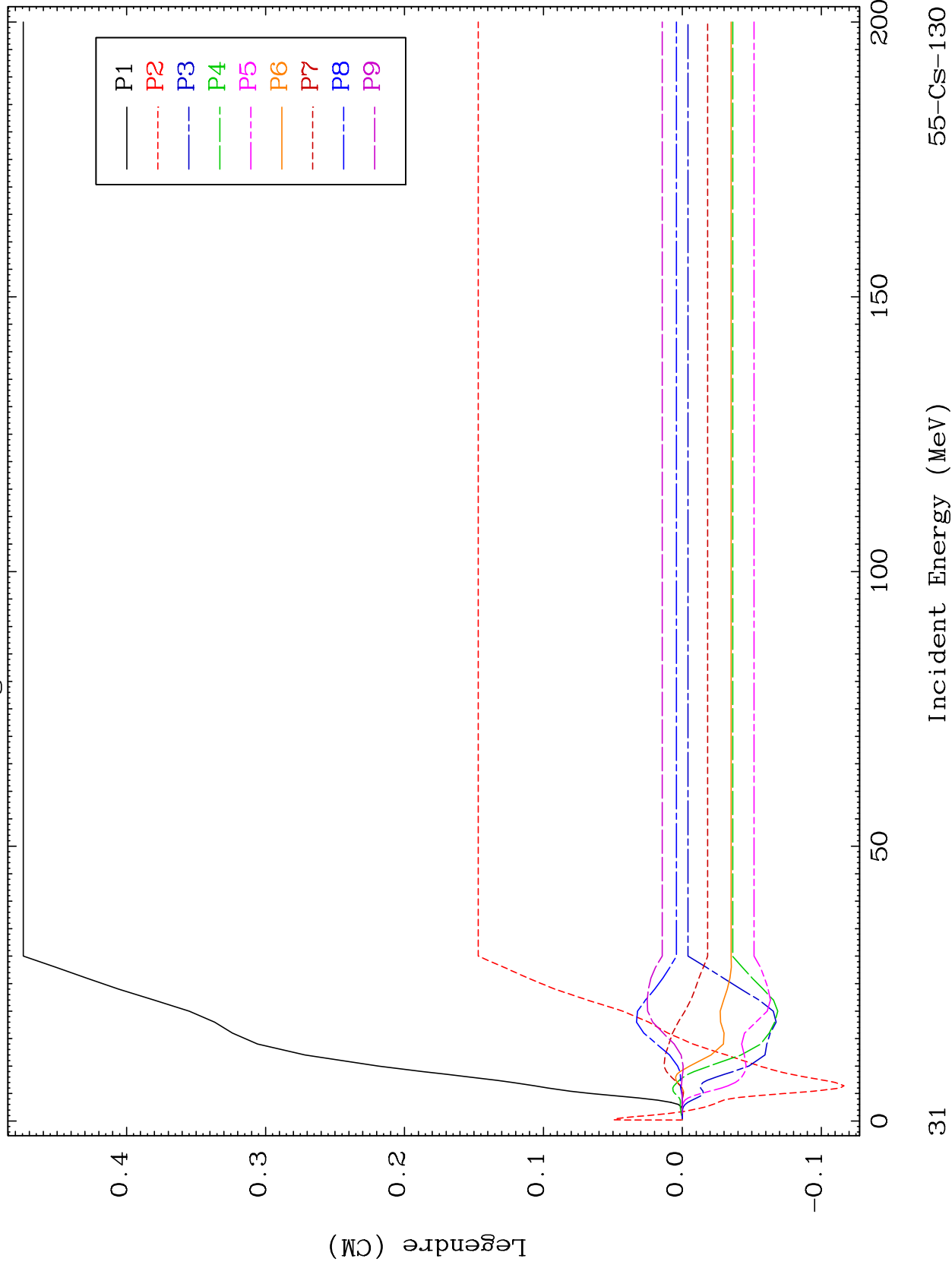




MAT 5516

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

55-Cs-130



55-Cs-130

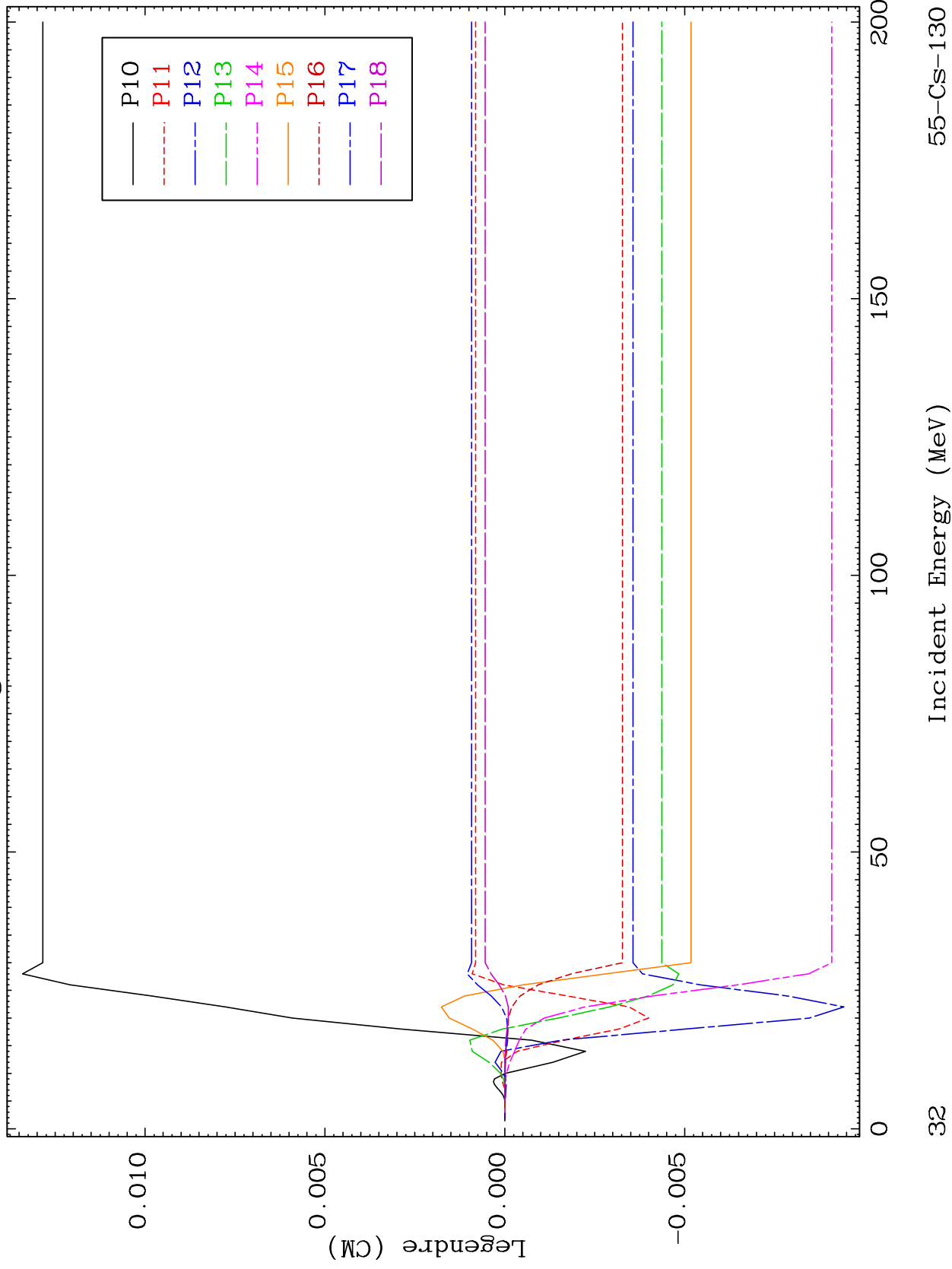
Incident Energy (MeV)

31

MAT 5516

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

55-Cs-130



32

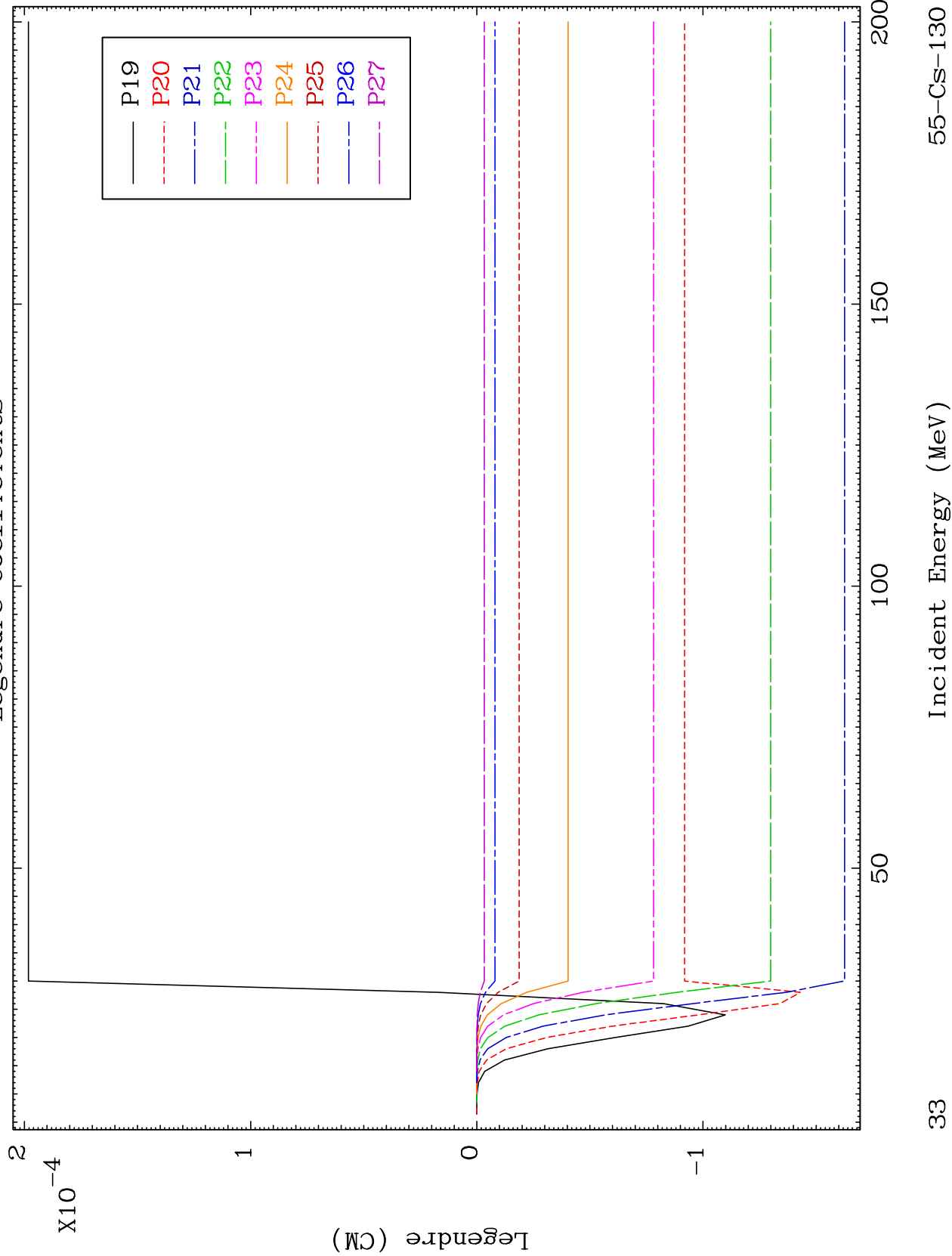
Incident Energy (MeV)

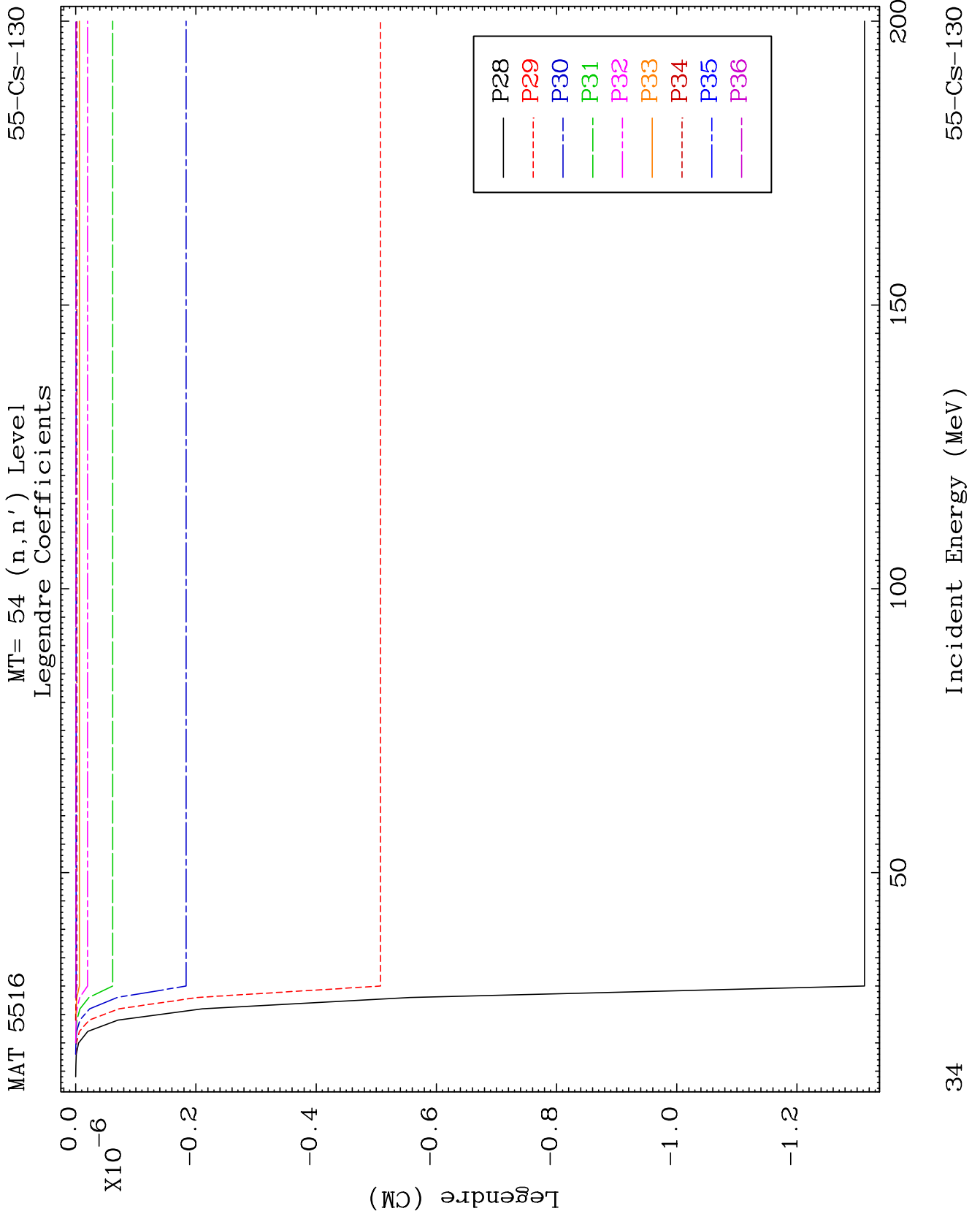
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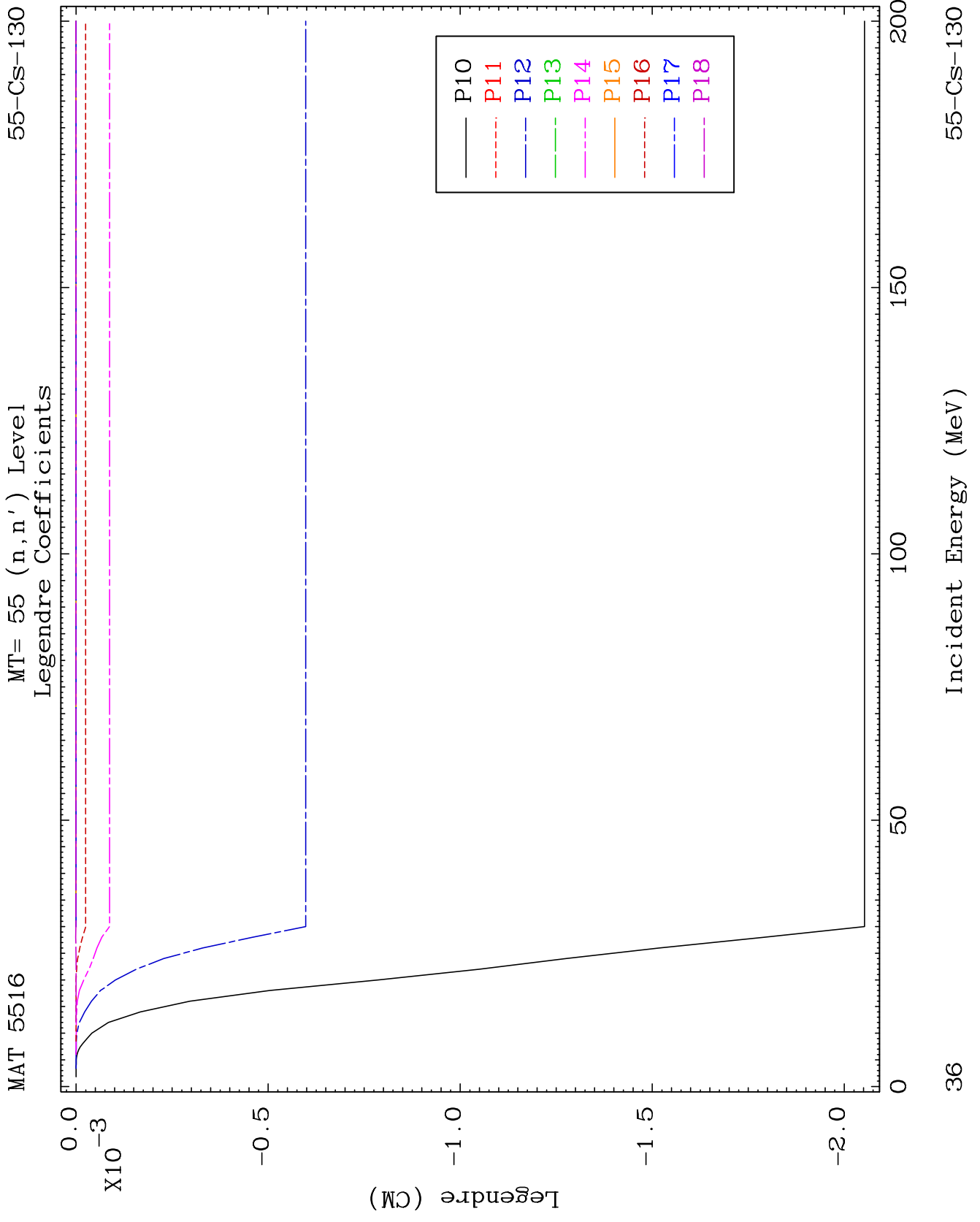
MAT 5516

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

55-Cs-130



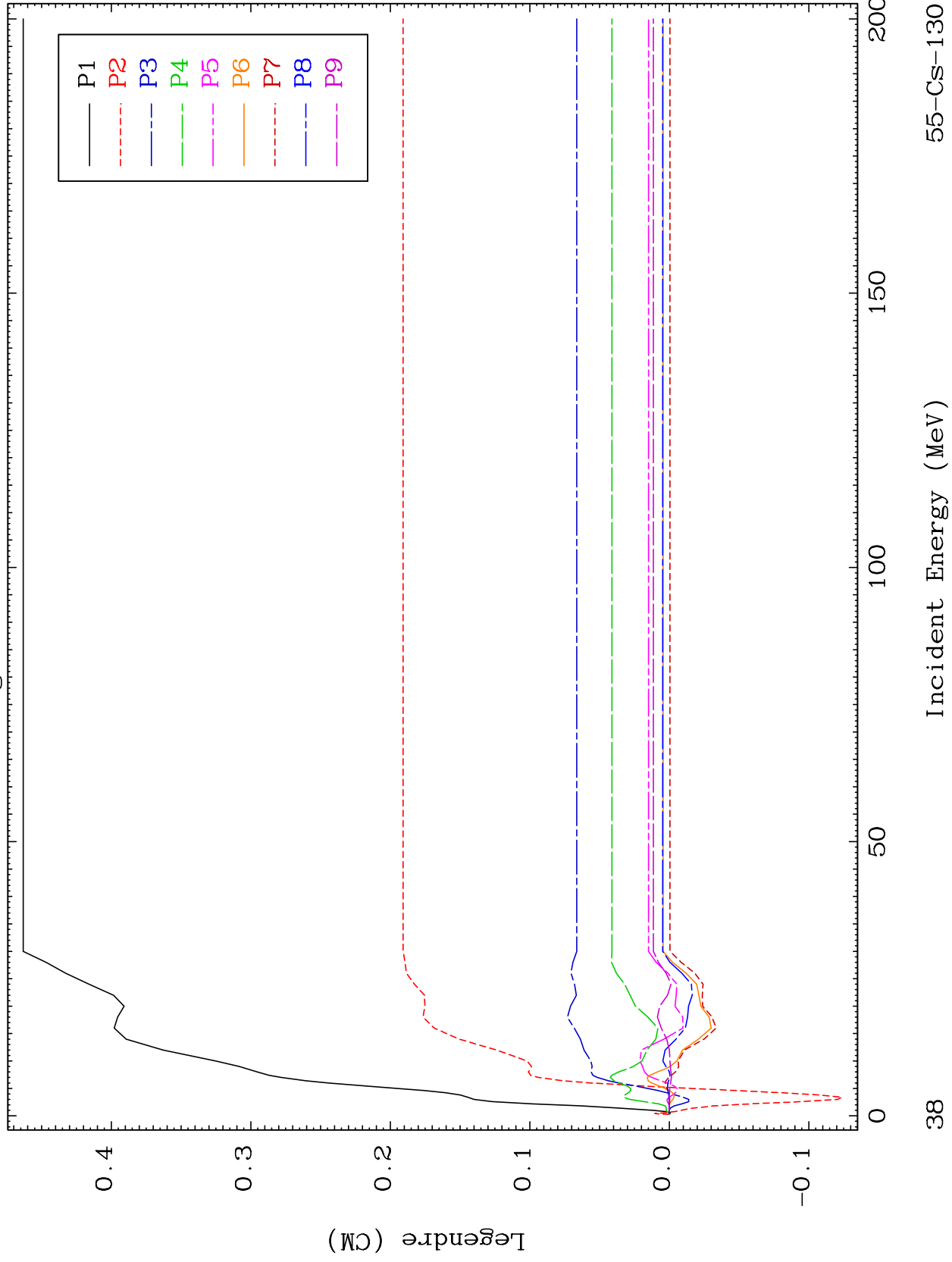




MAT 5516

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

55-Cs-130



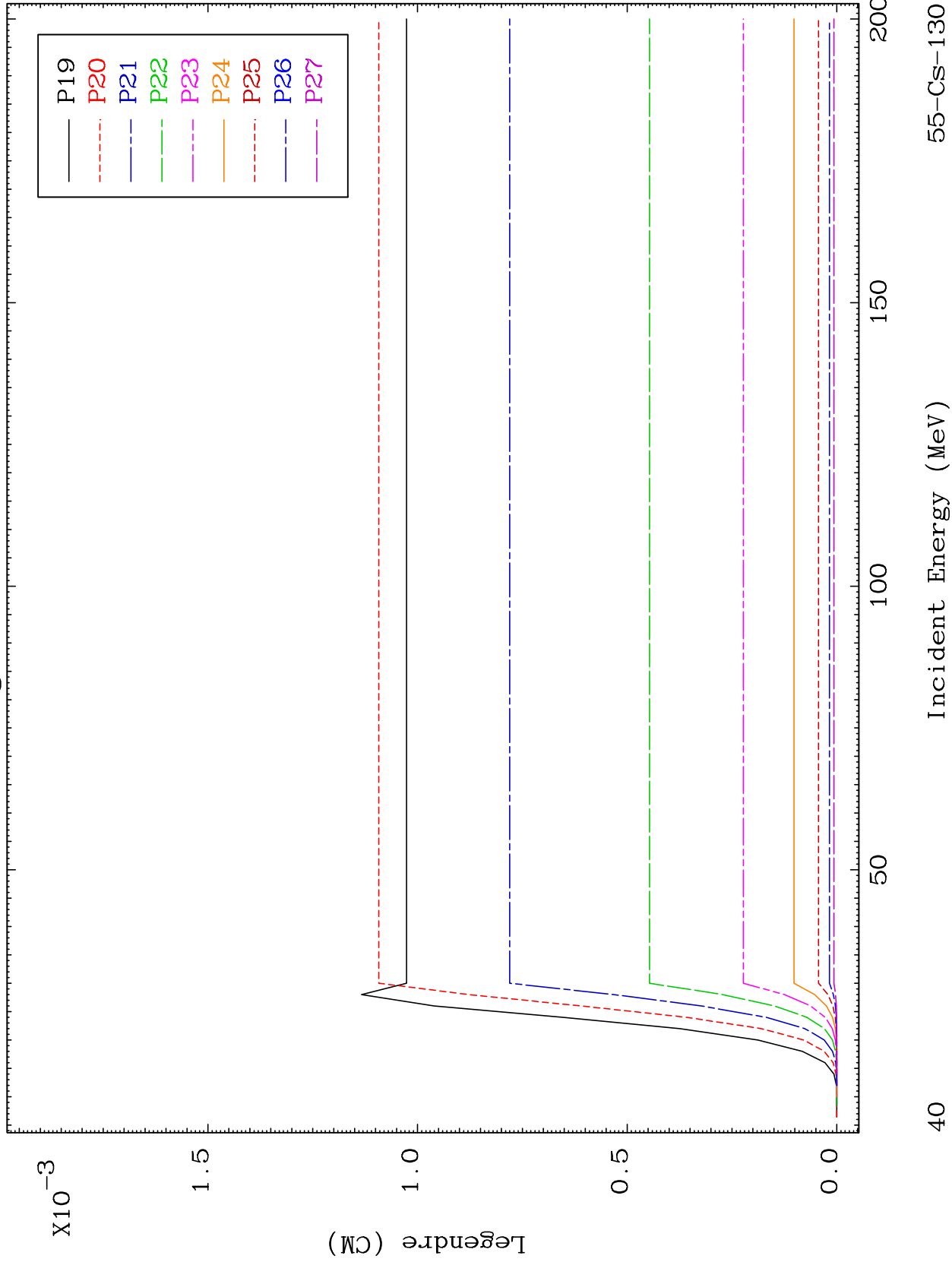
38

55-Cs-130

MAT 5516

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

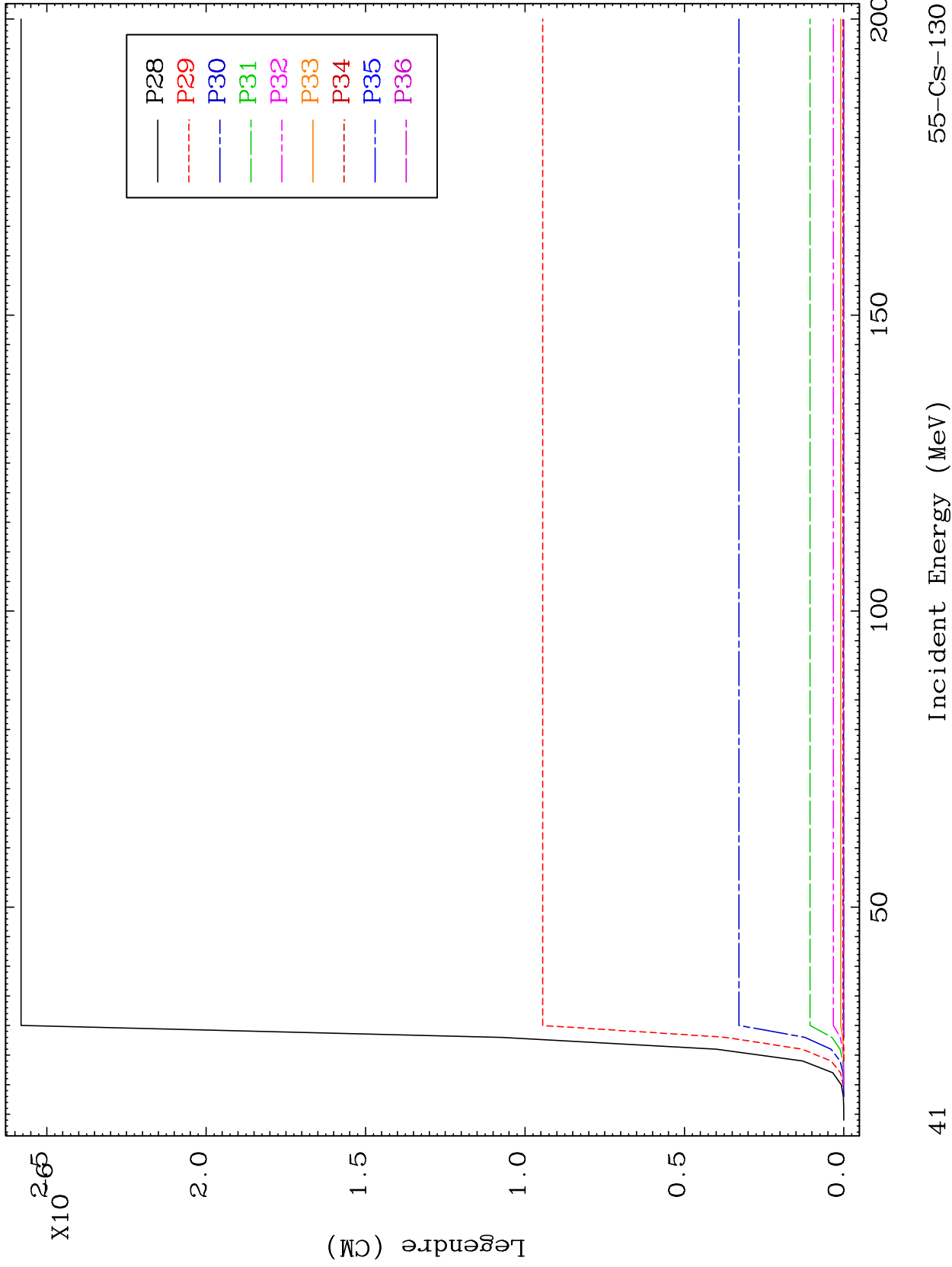
55-Cs-130



MAT 5516

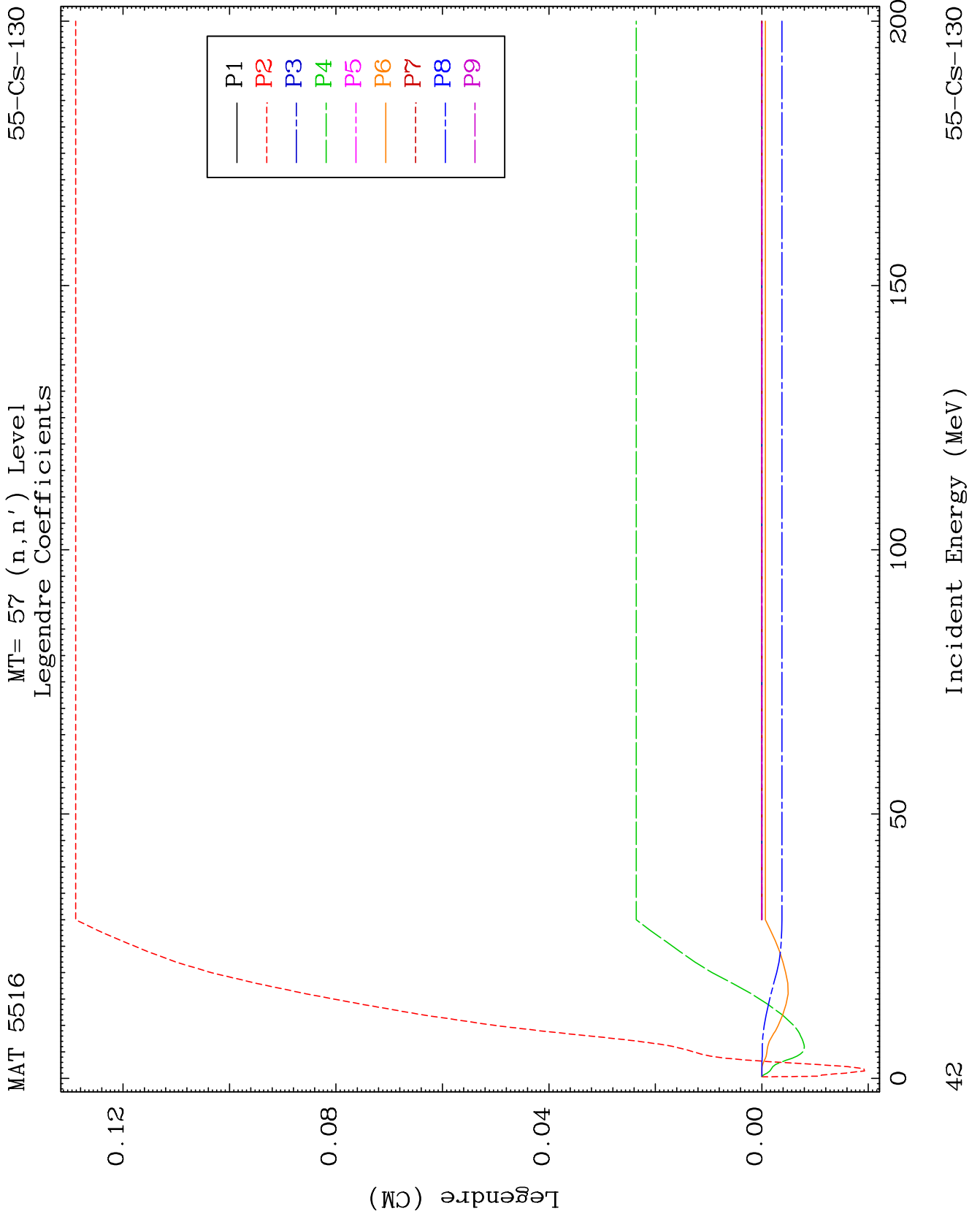
MT= 56 (n,n') Level
Legendre Coefficients

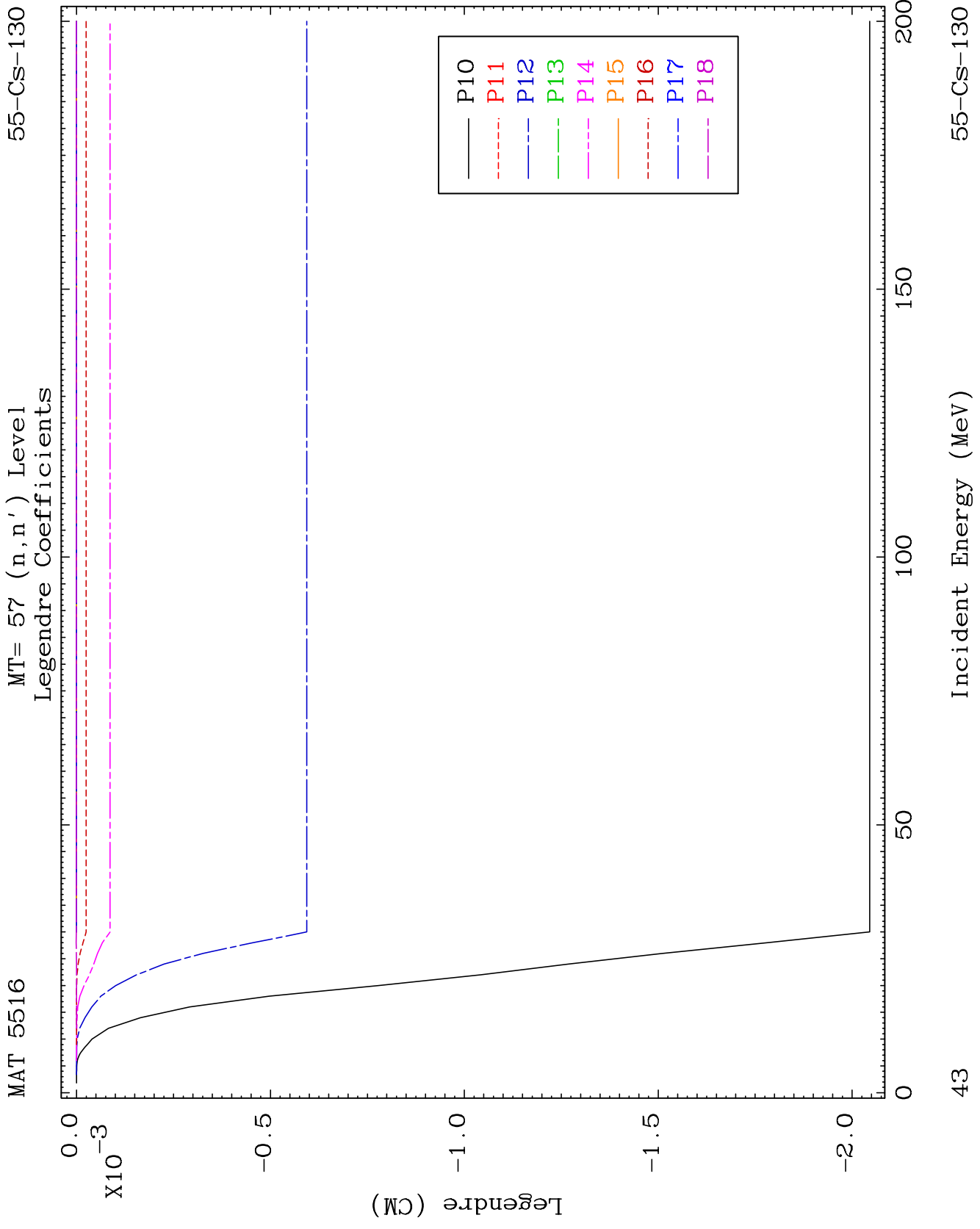
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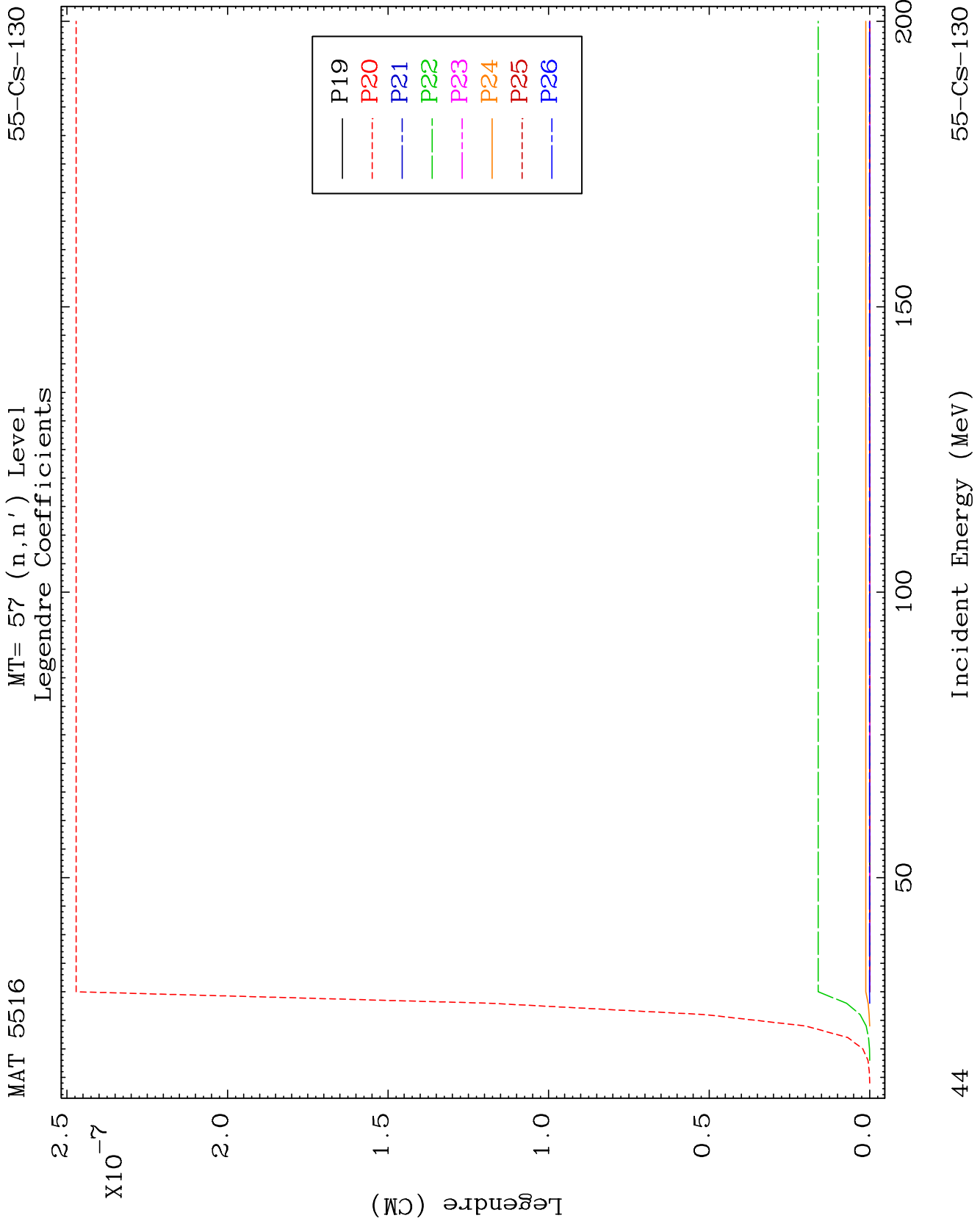


41

55-Cs-130



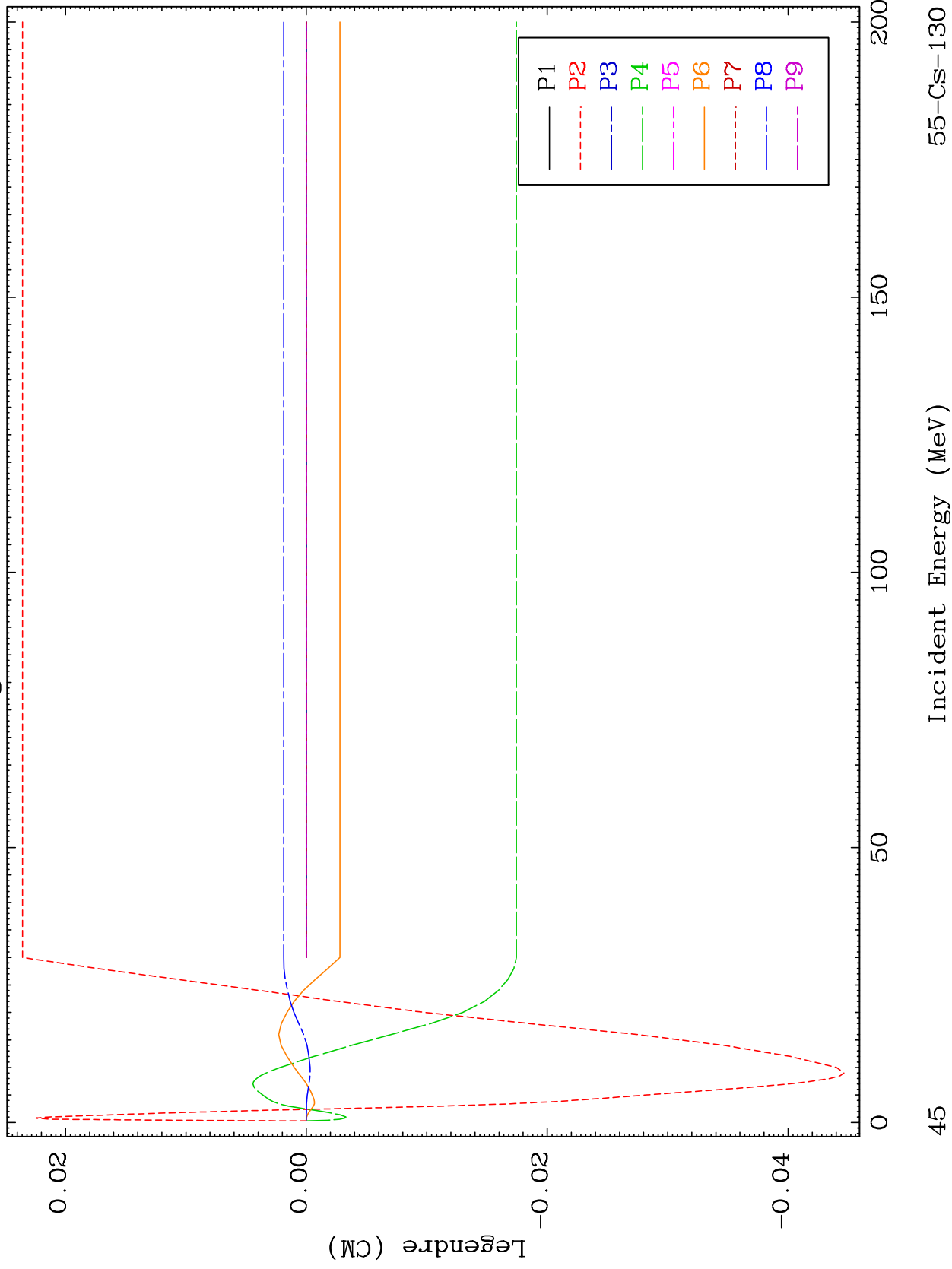




MAT 5516

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

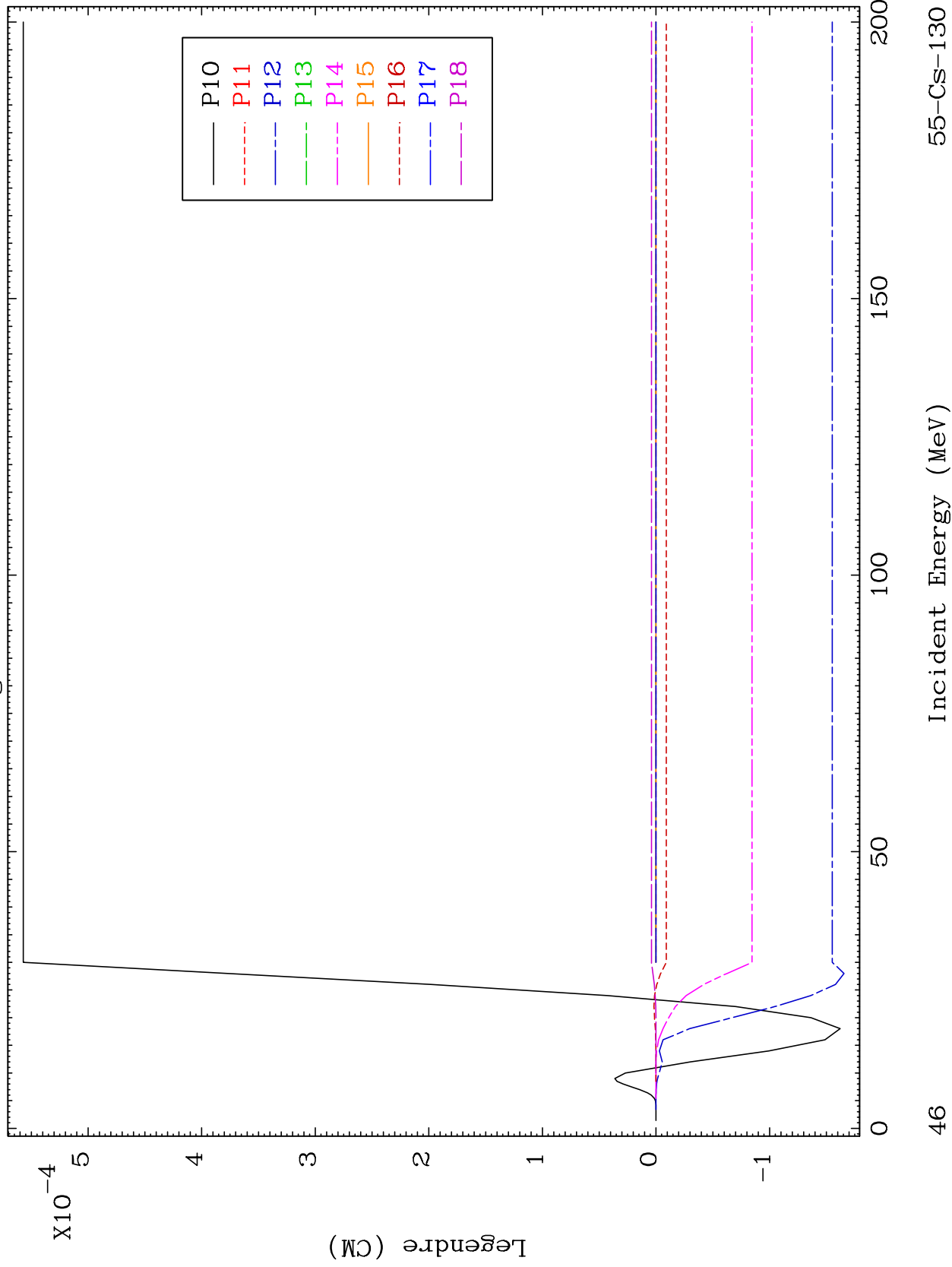
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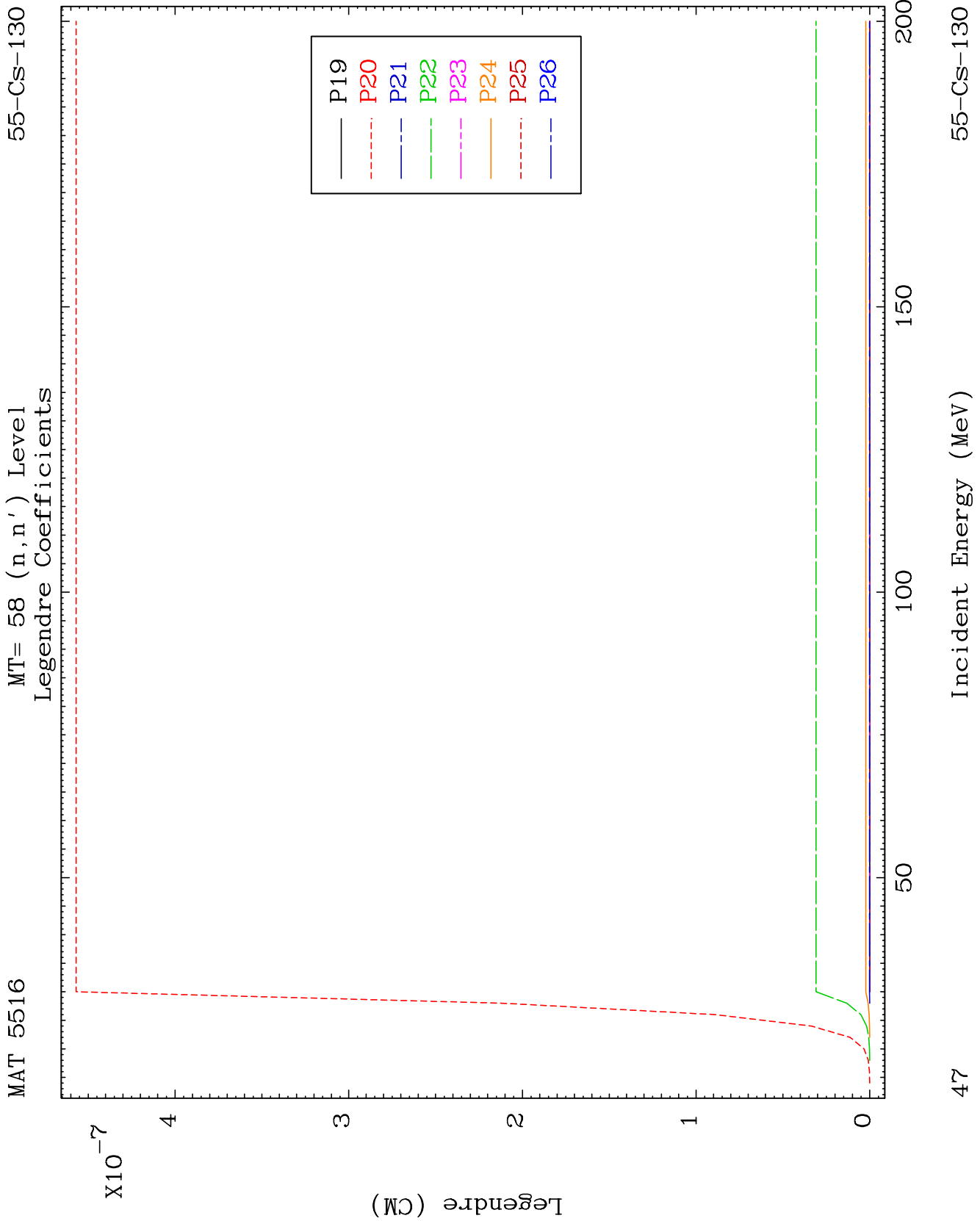


MAT 5516

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

55-Cs-130

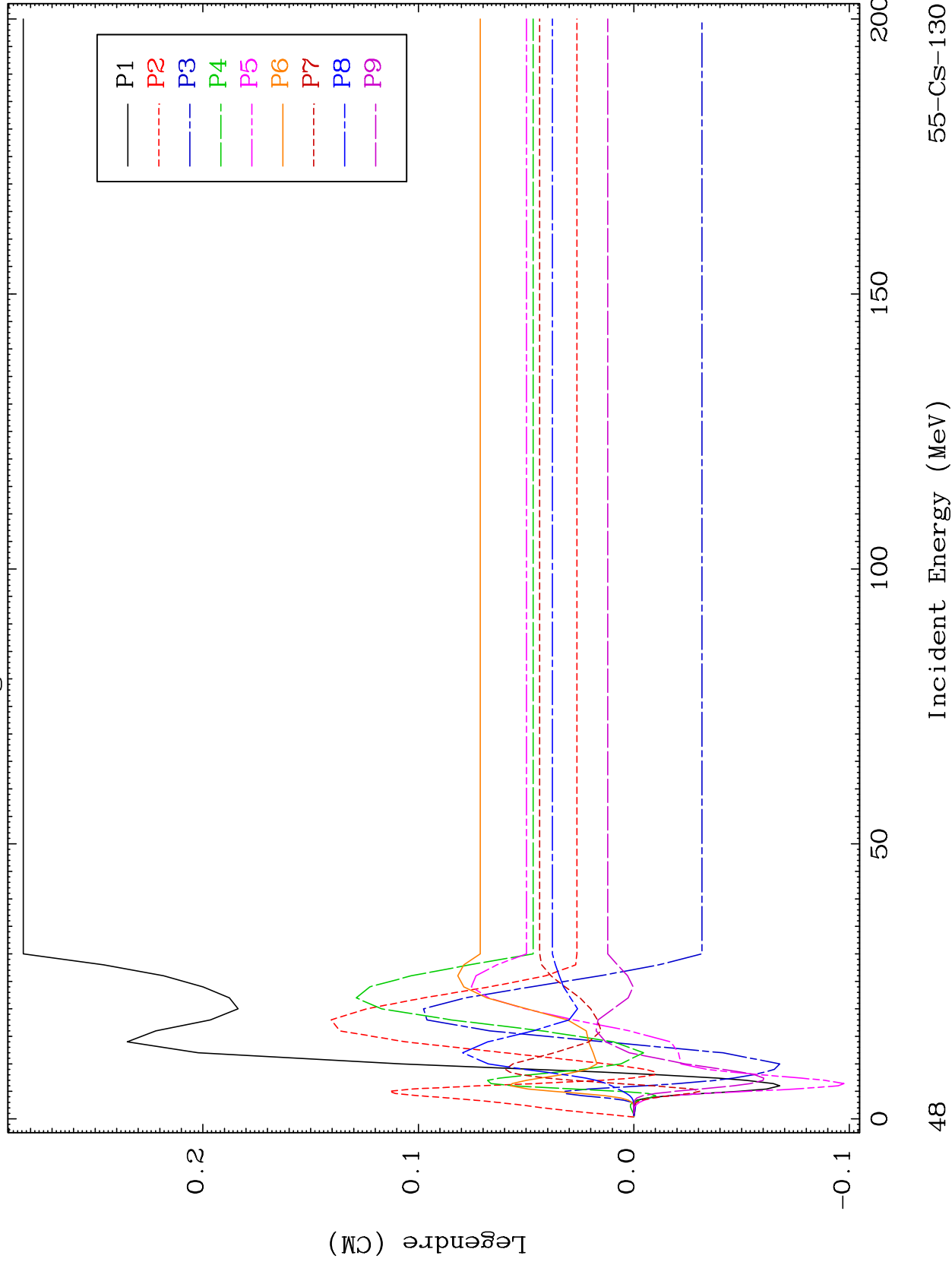




MAT 5516

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

55-Cs-130



55-Cs-130

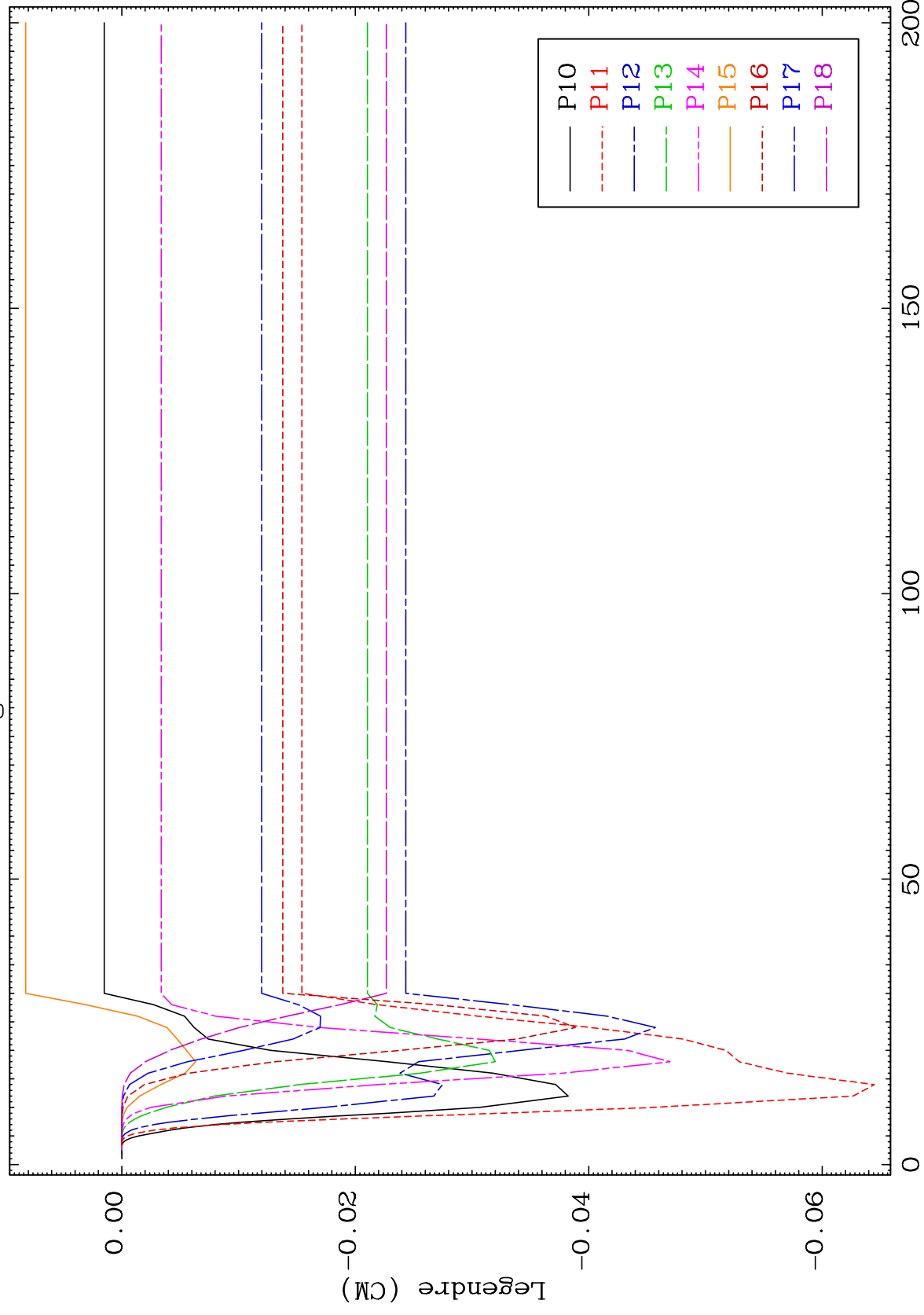
Incident Energy (MeV)

48

MAT 5516

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

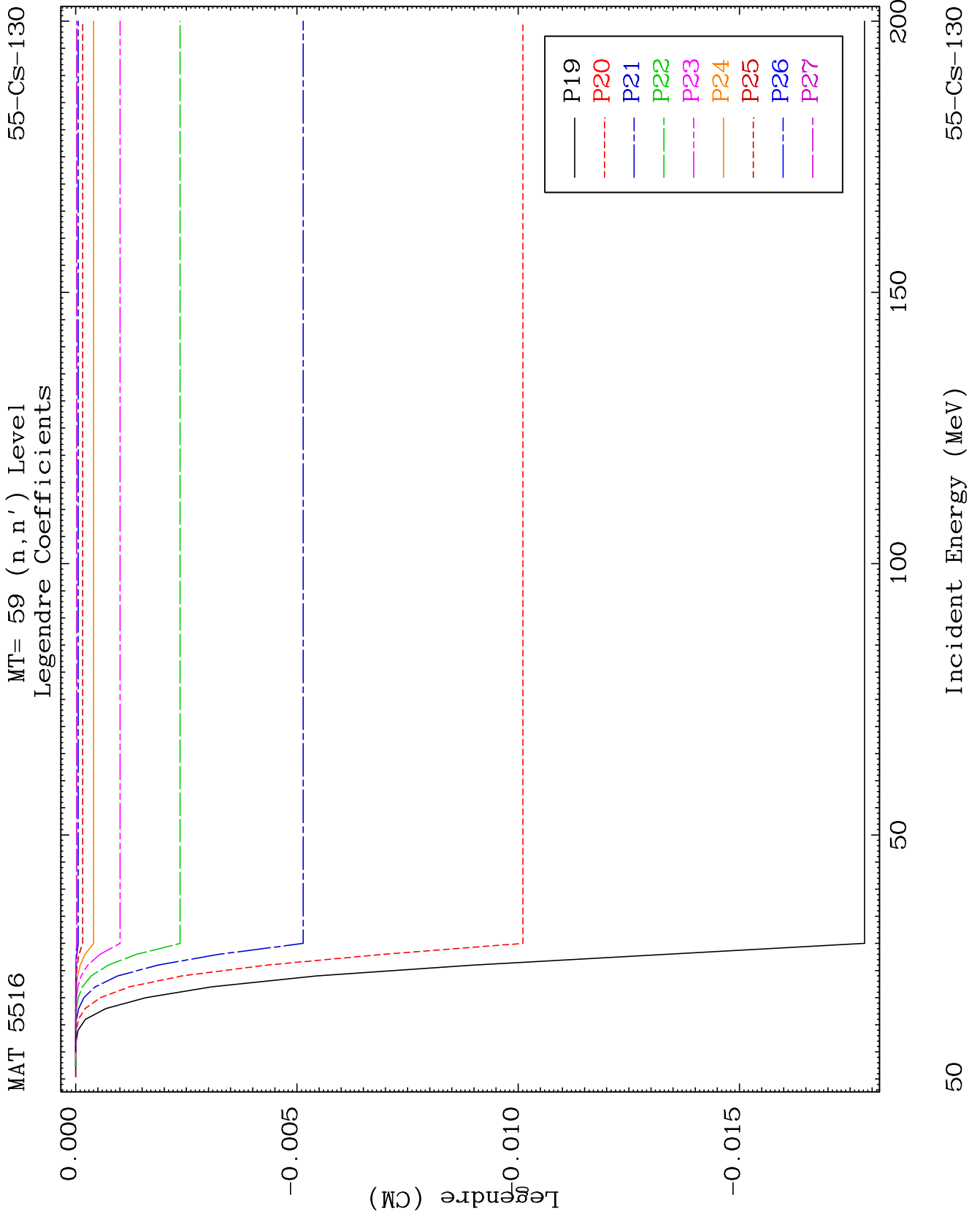
55-Cs-130

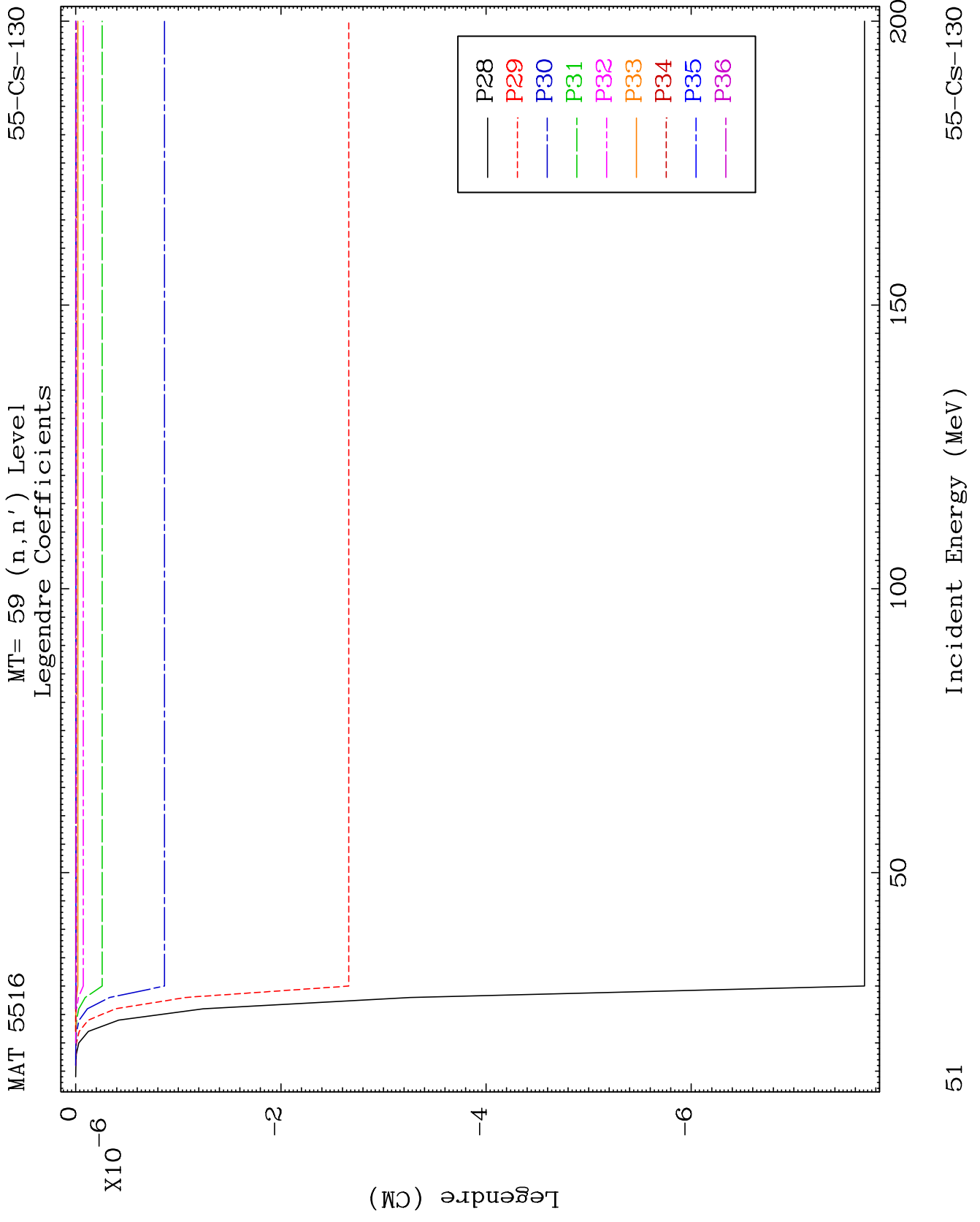


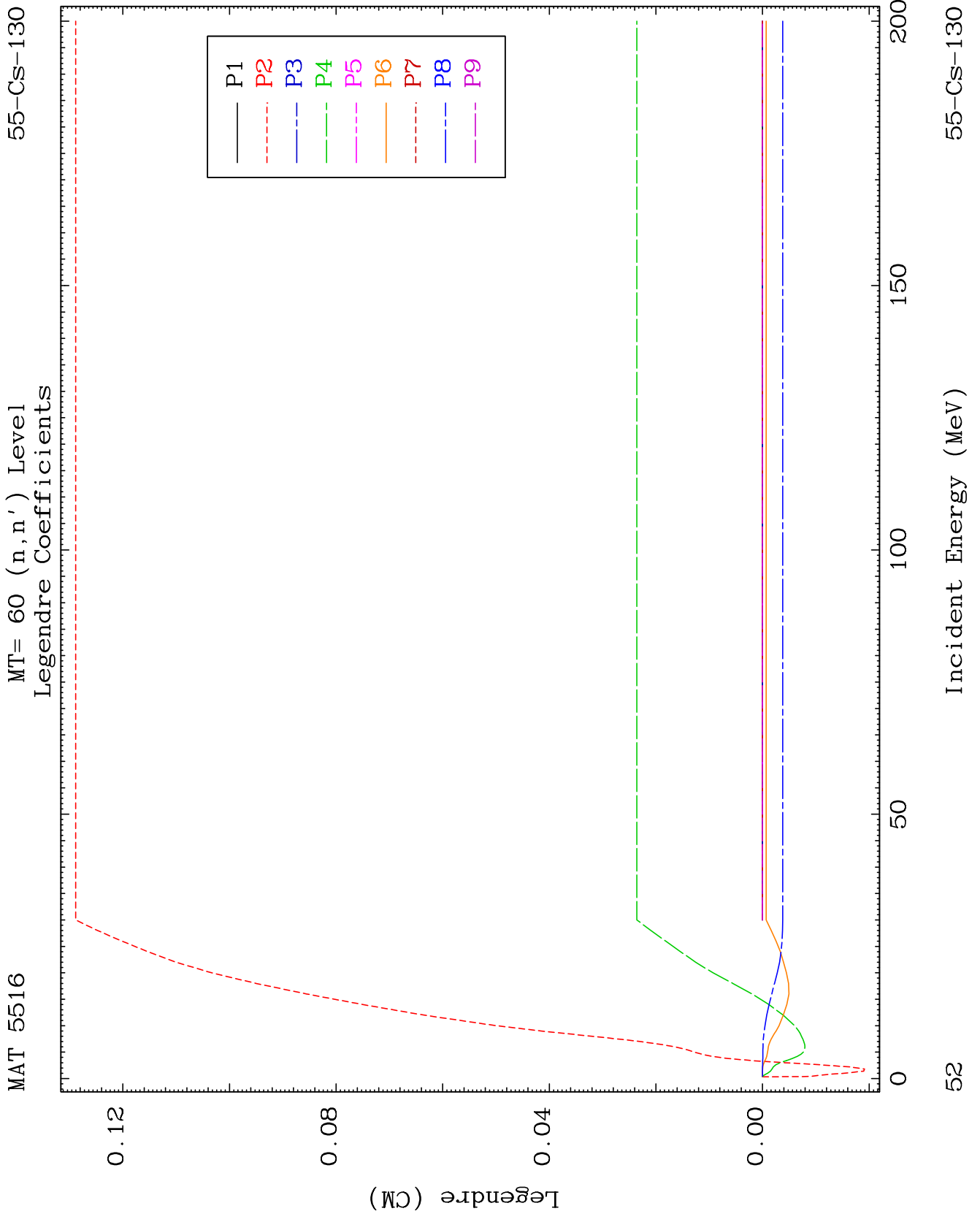
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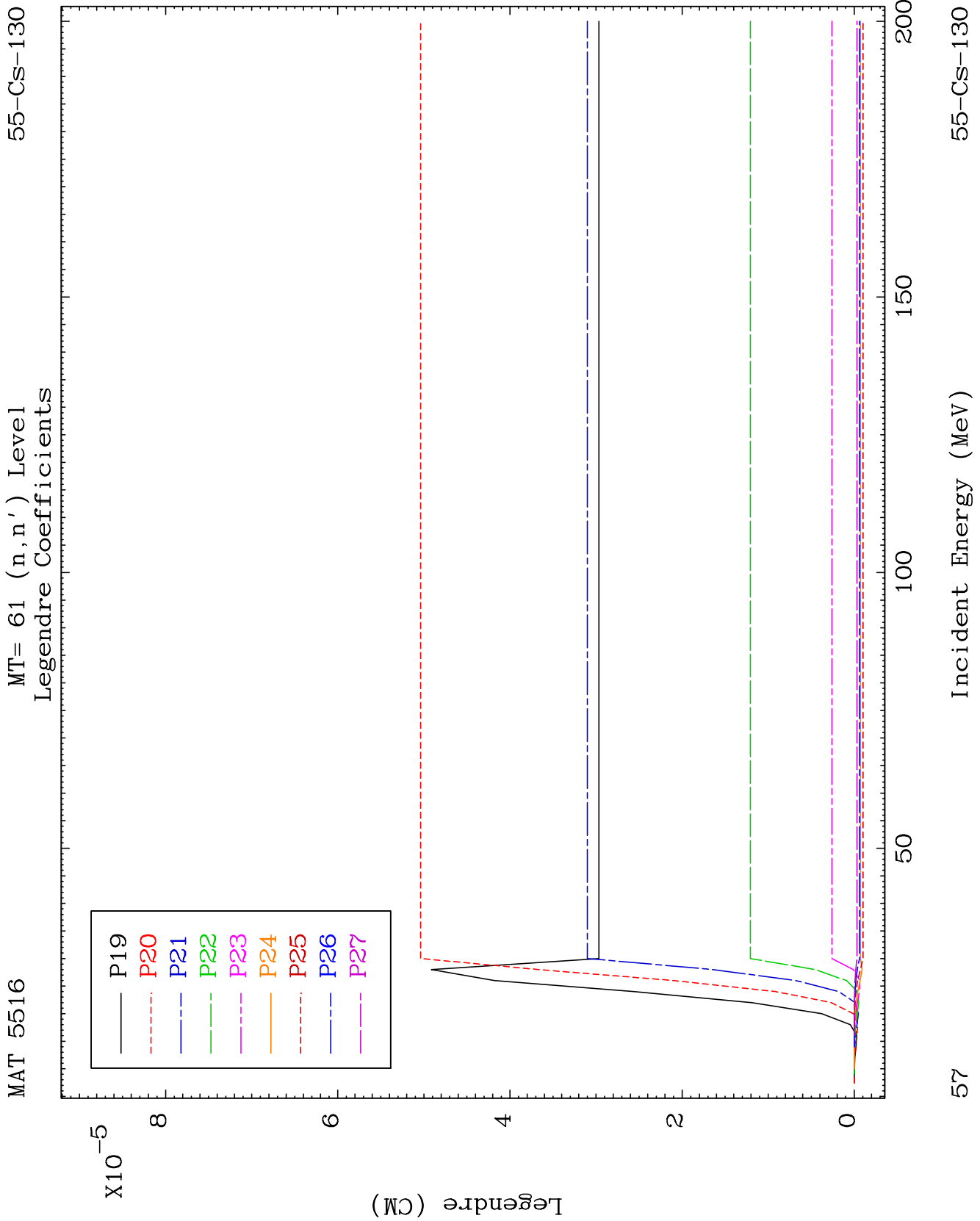
Incident Energy (MeV)

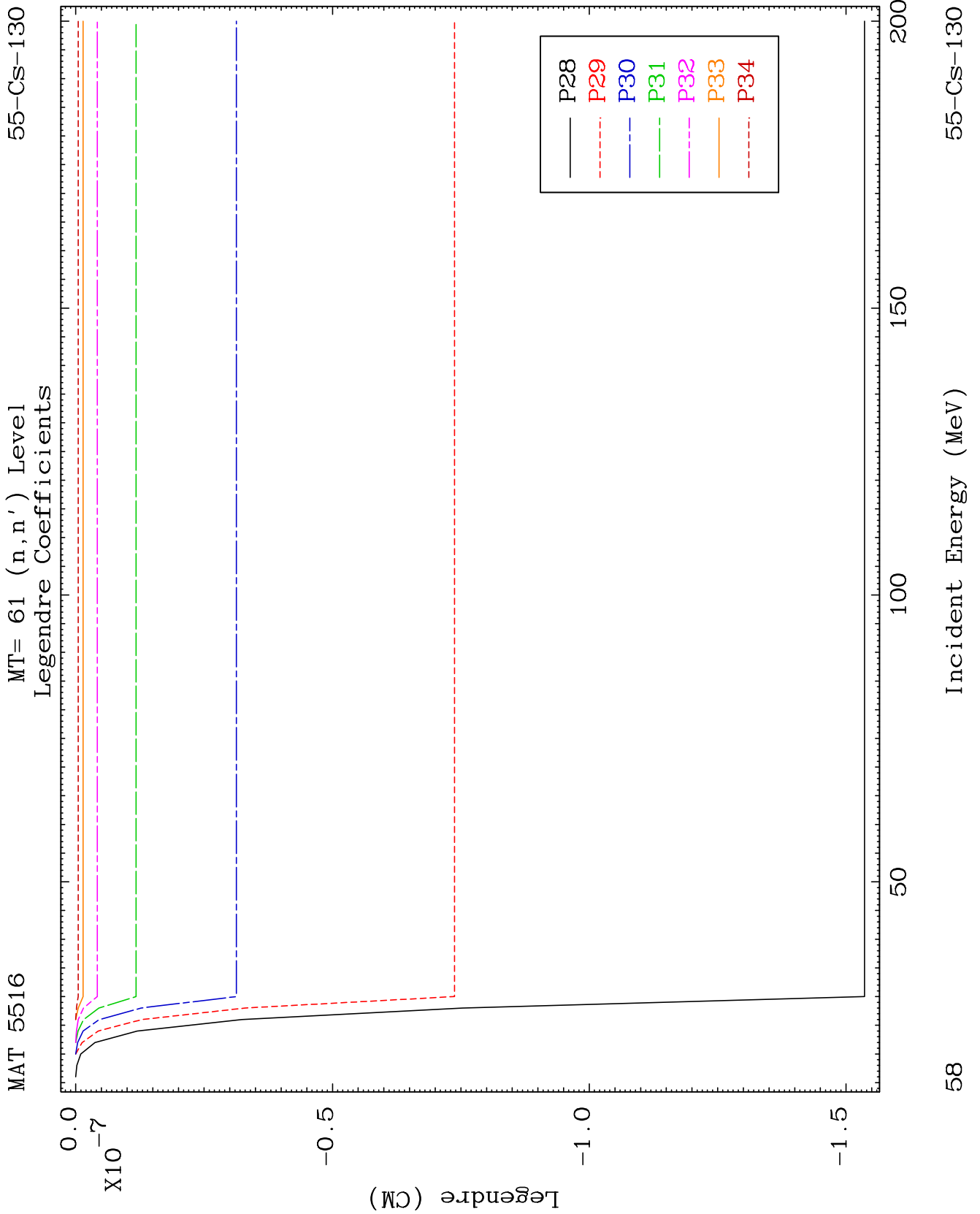
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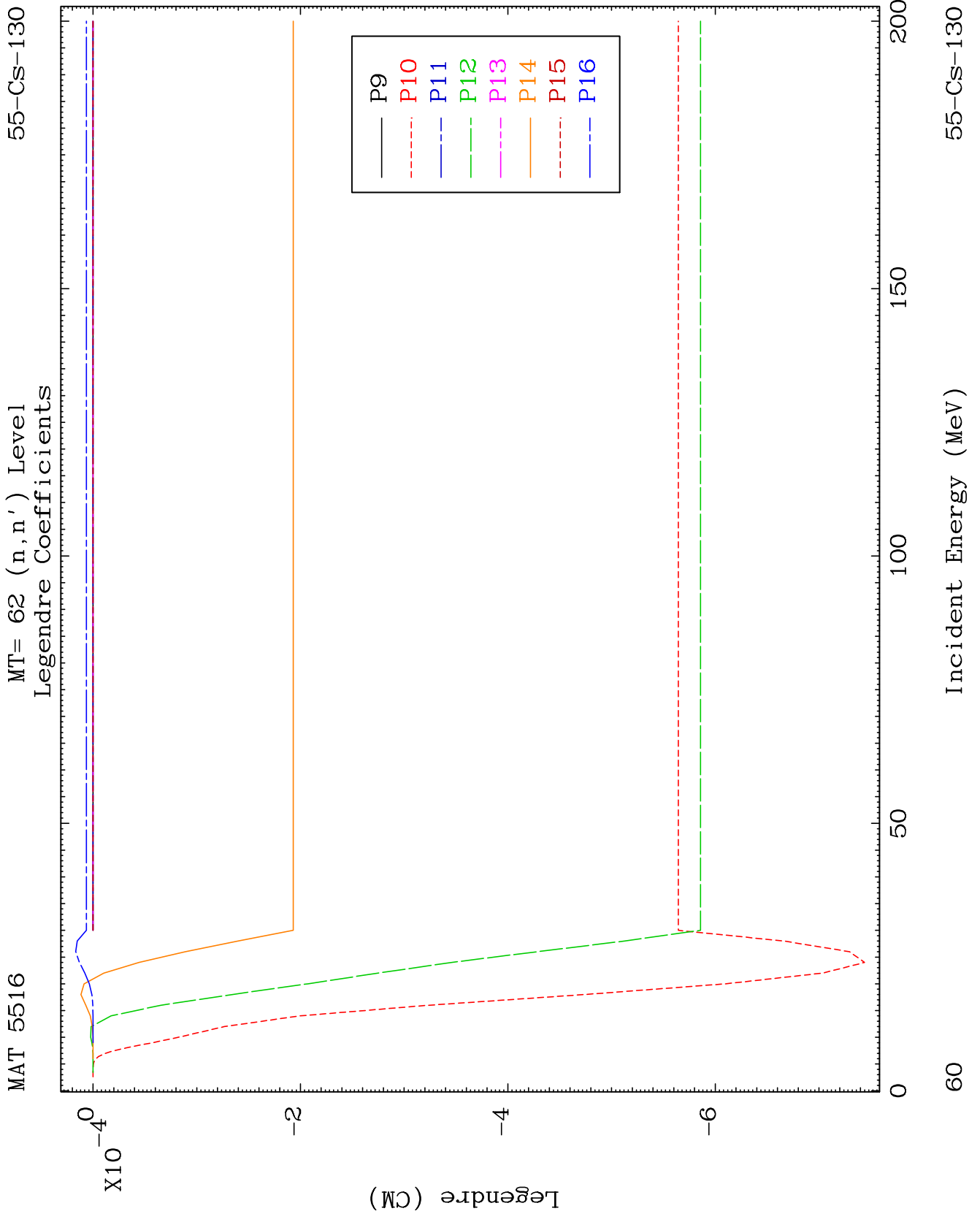


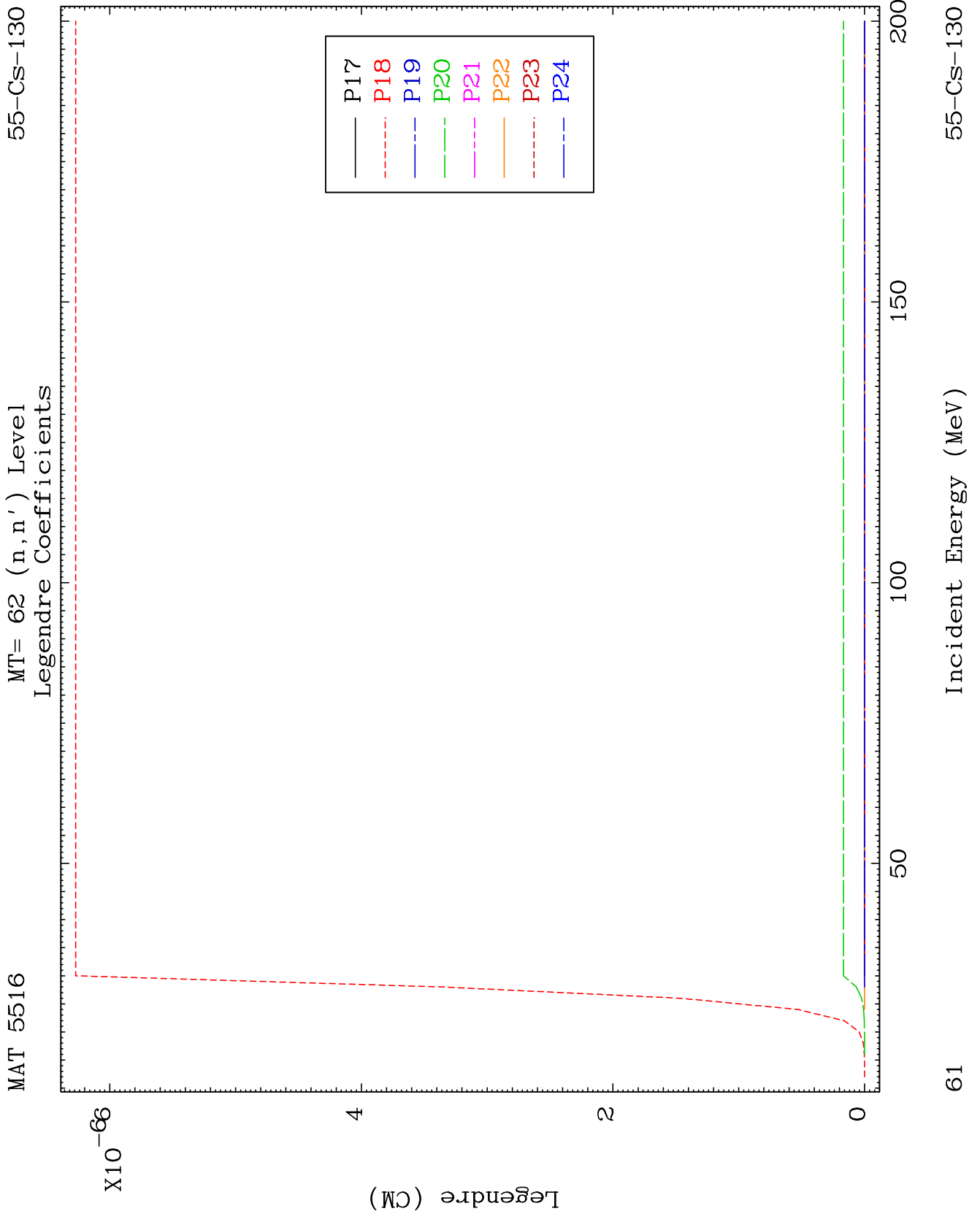








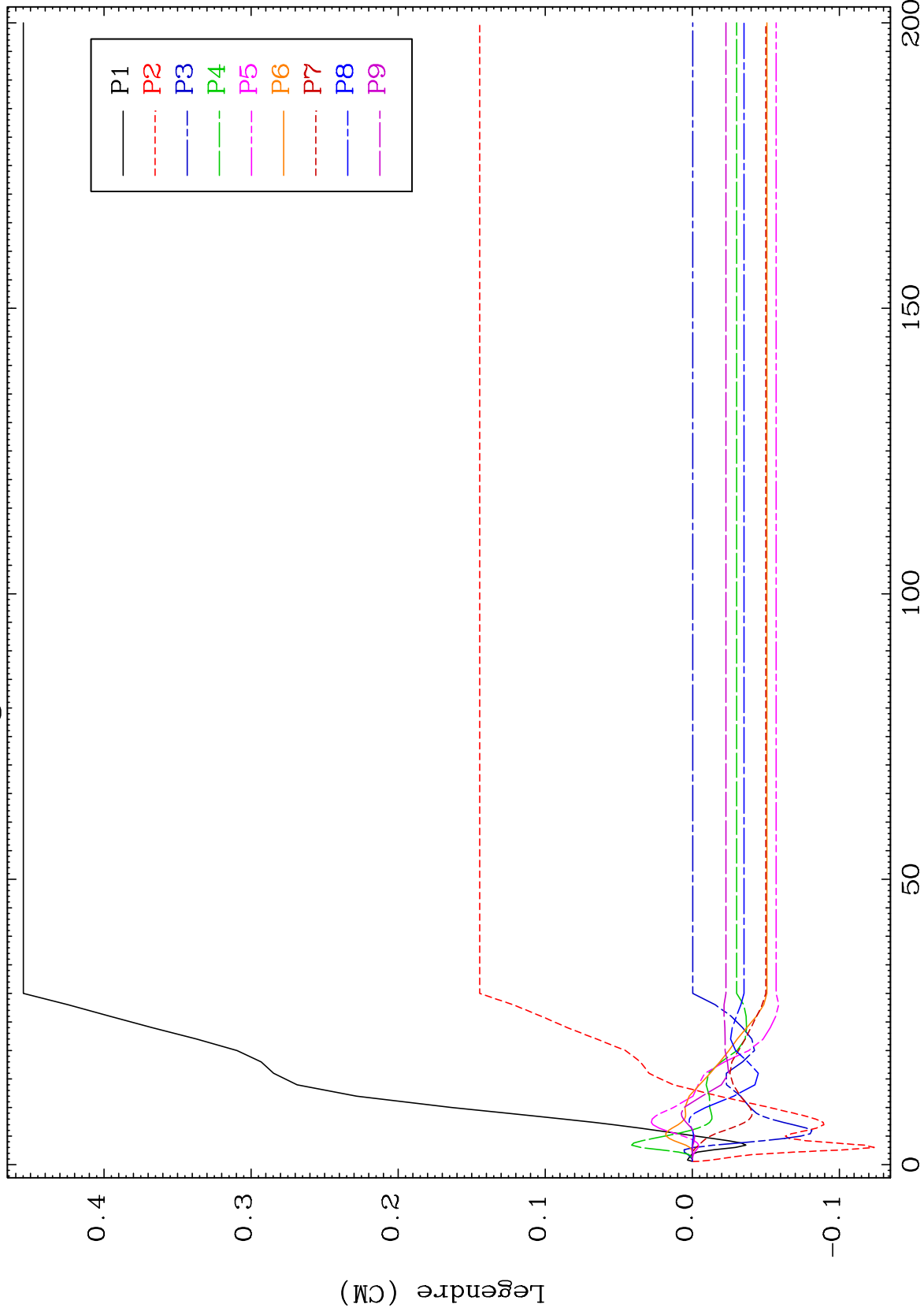




MAT 5516

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

55-Cs-130



62

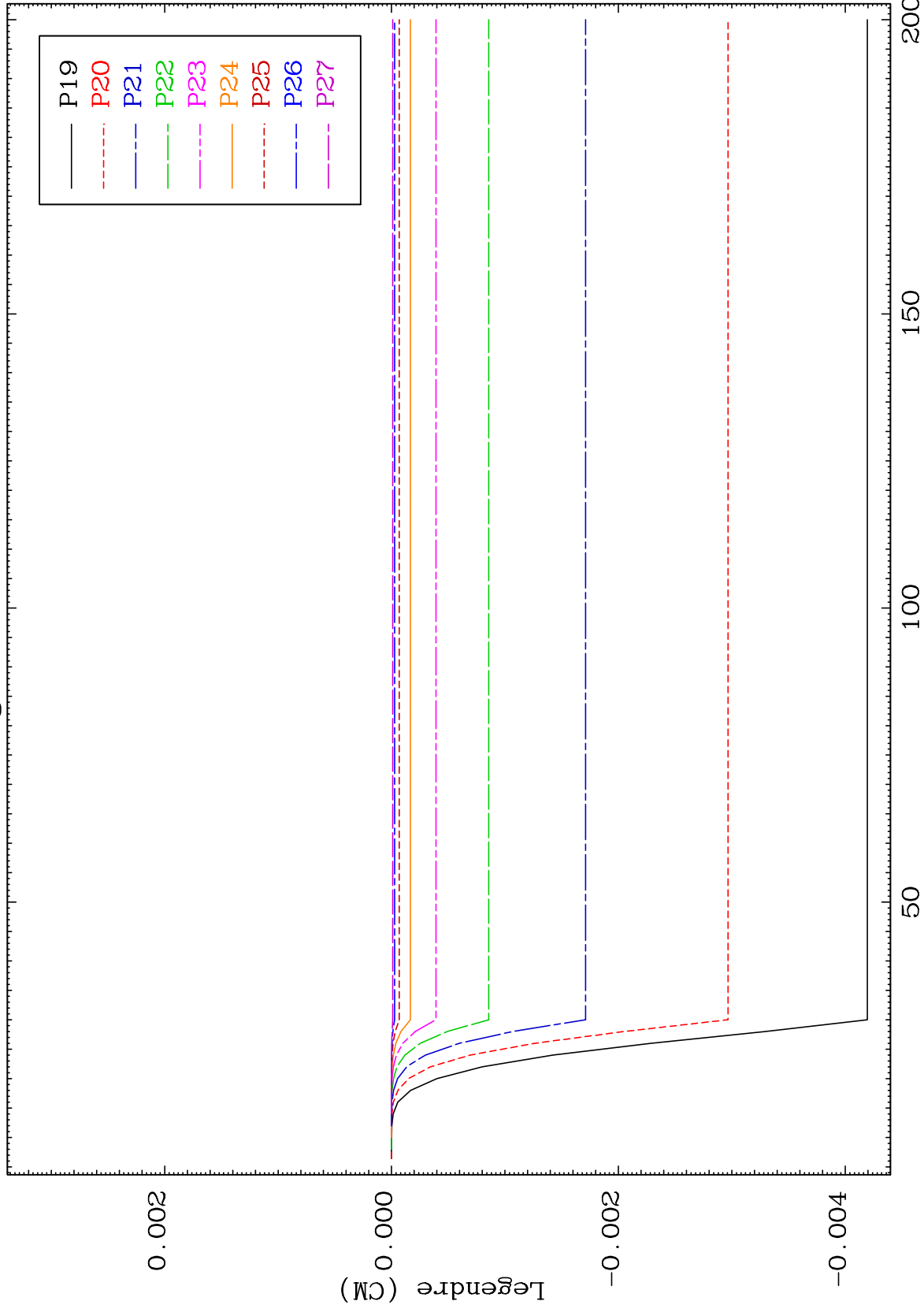
Incident Energy (MeV)

55-Cs-130

MAT 5516

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

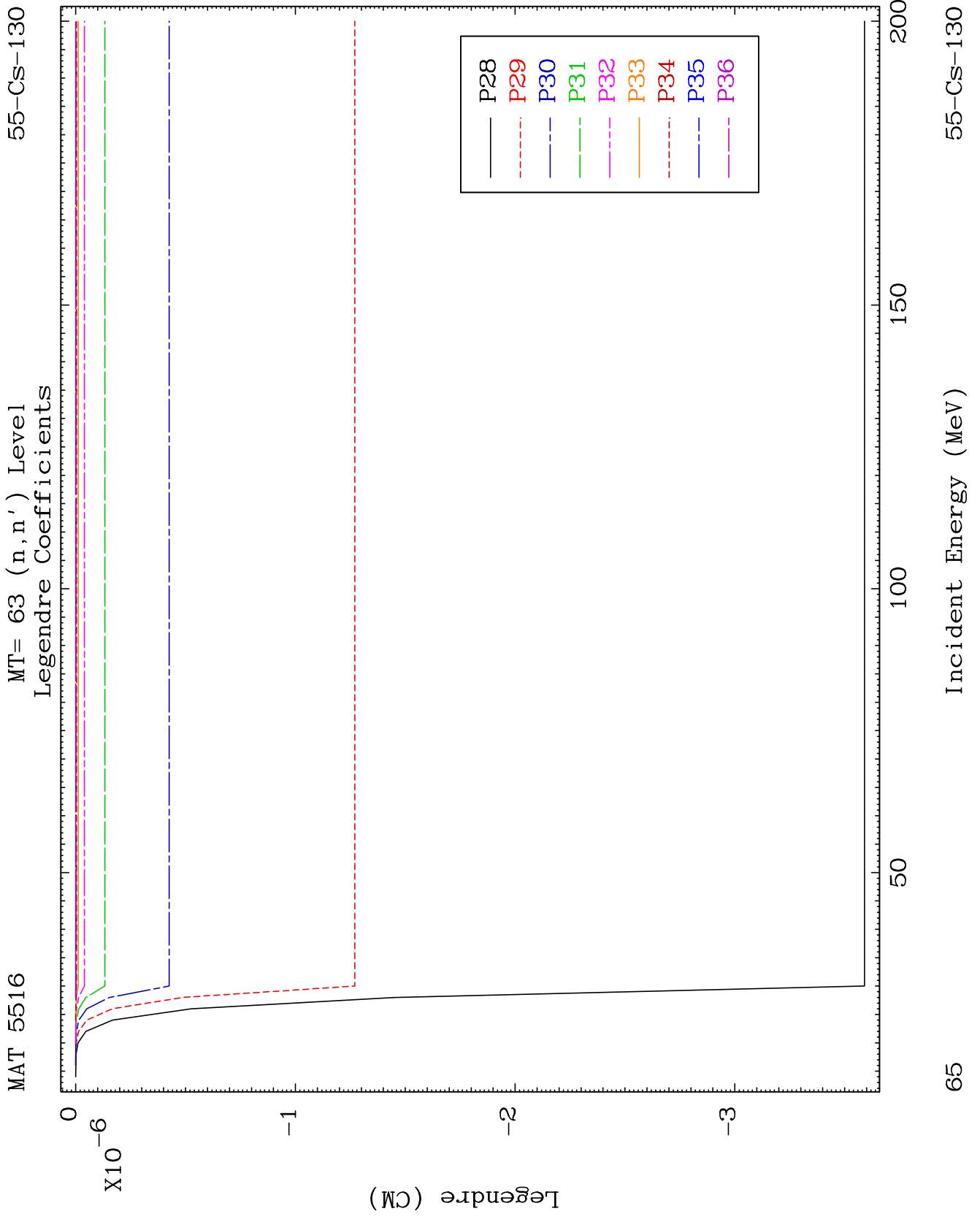
55-Cs-130



64

Incident Energy (MeV)

55-Cs-130

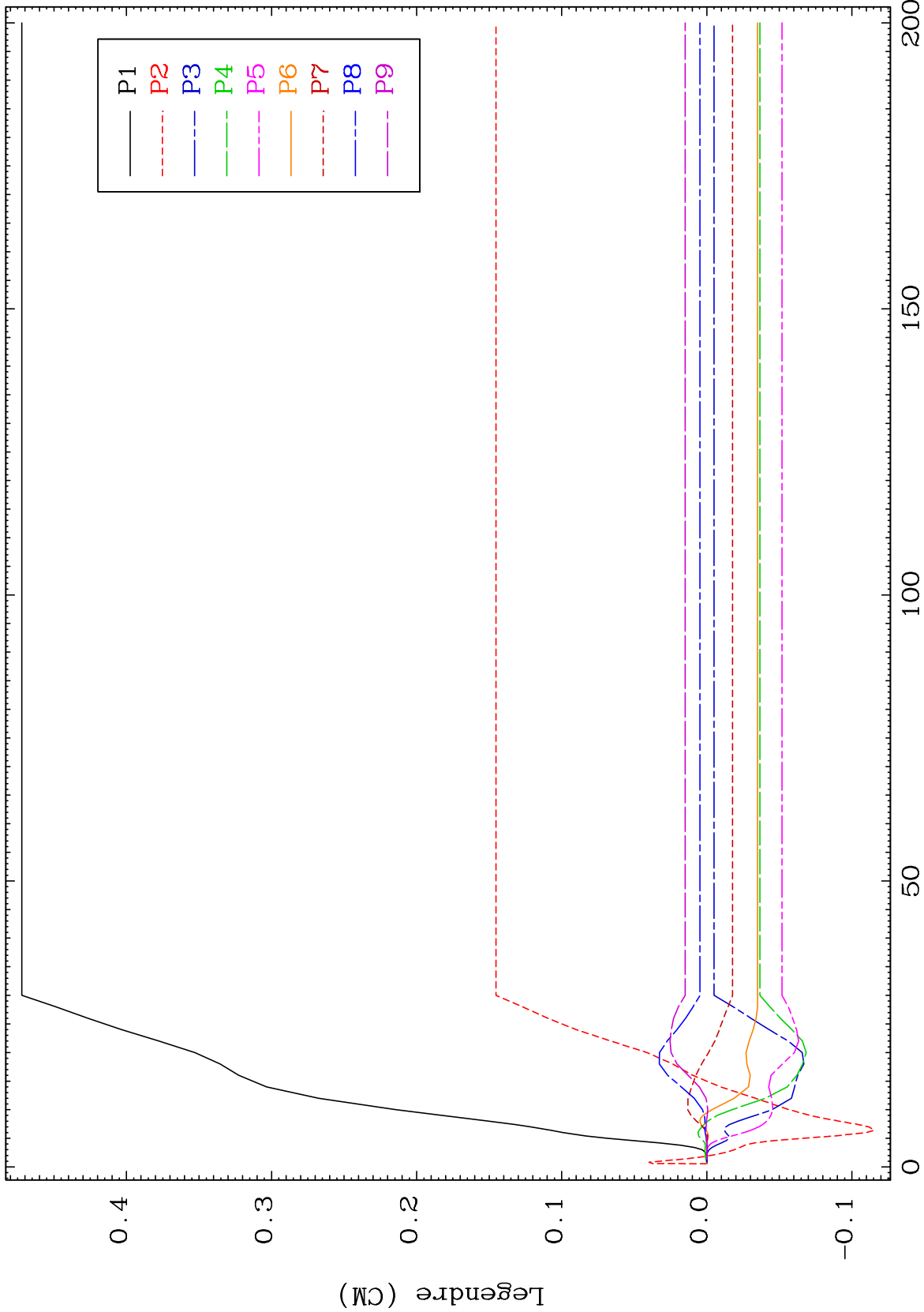


MAT 5516

MT= 64 (n,n') Level

55-Cs-130

Legendre Coefficients



66

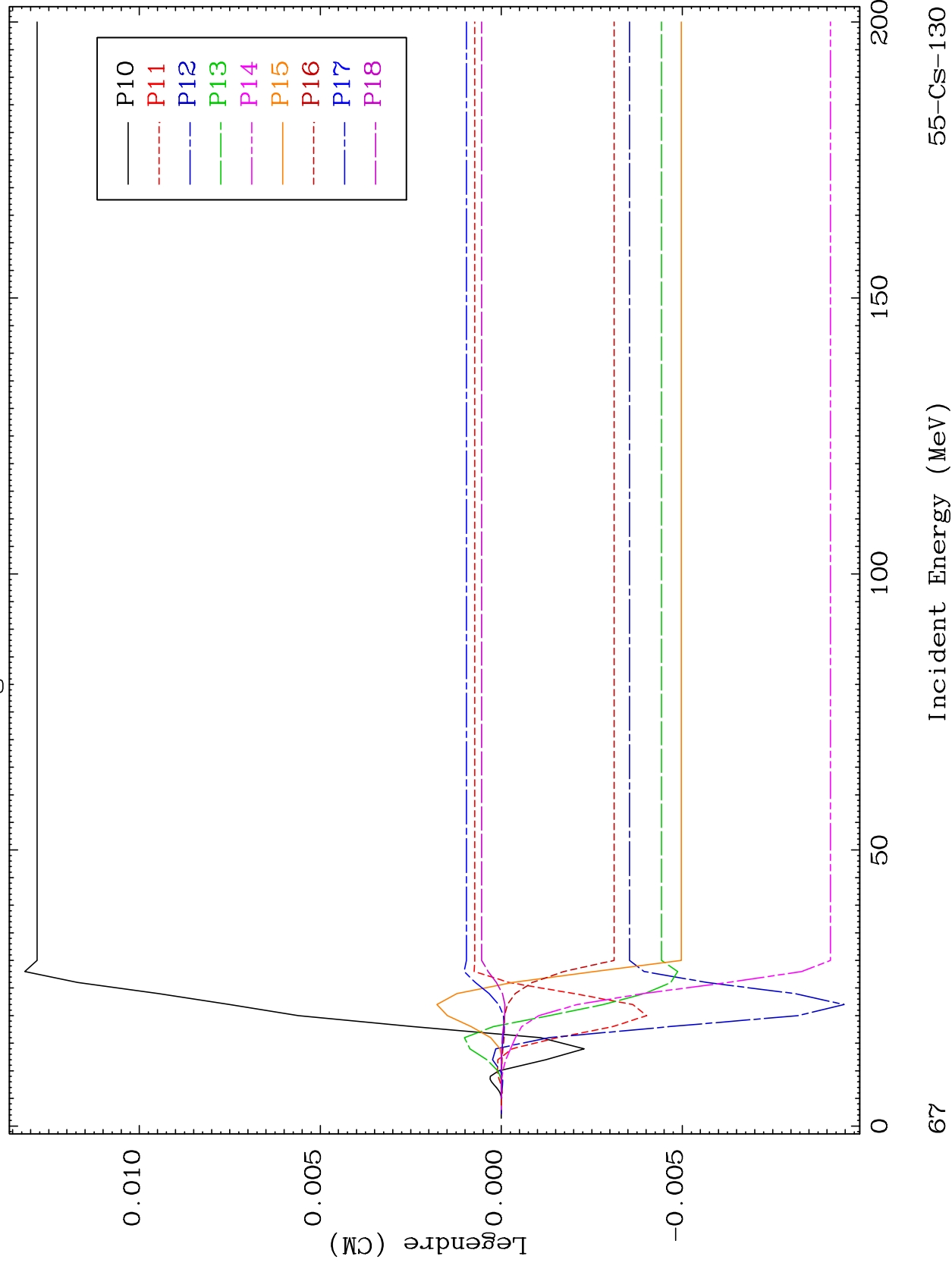
Incident Energy (MeV)

55-Cs-130

MAT 5516

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

55-Cs-130



67

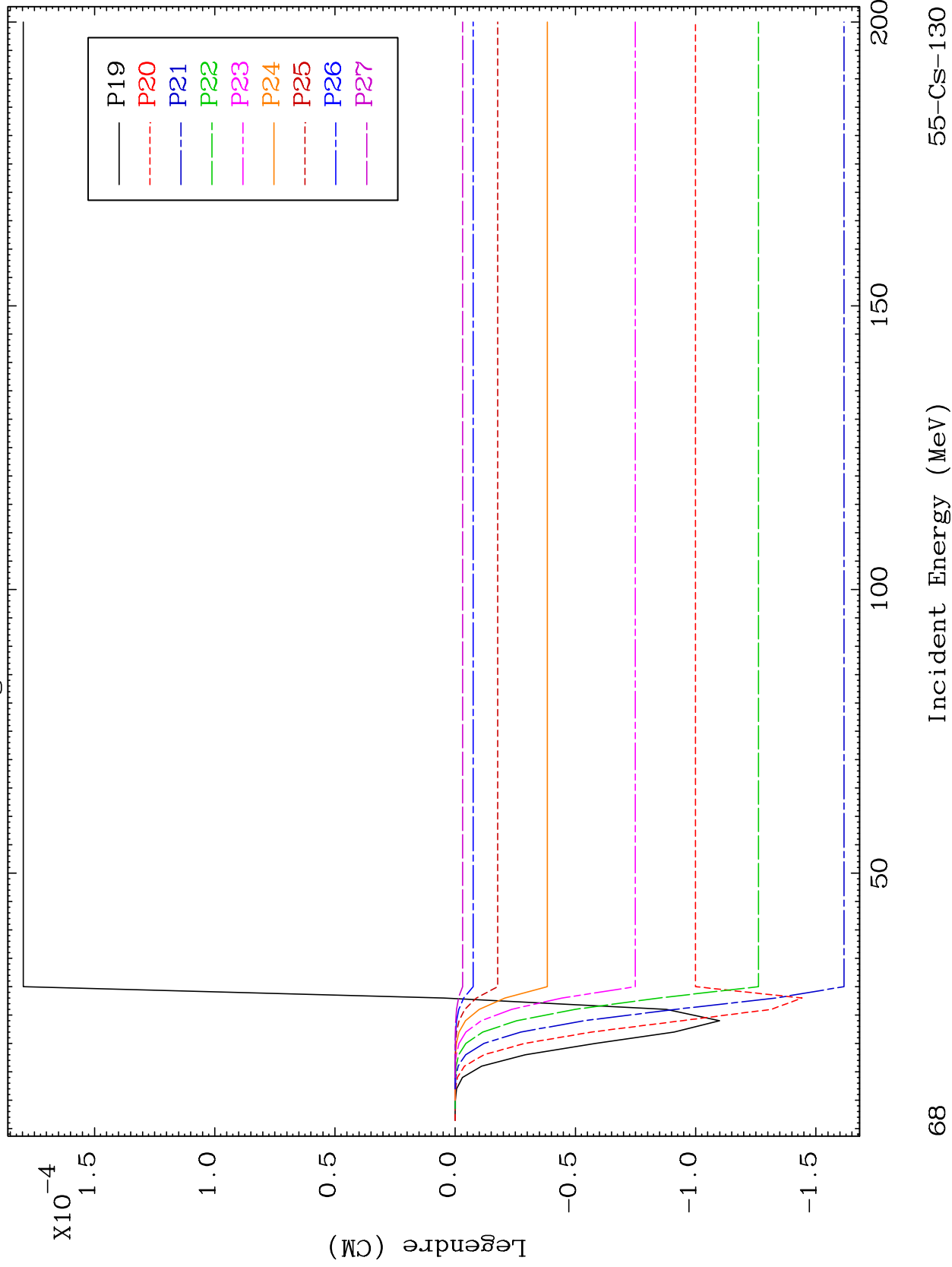
Incident Energy (MeV)

55-Cs-130

MAT 5516

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

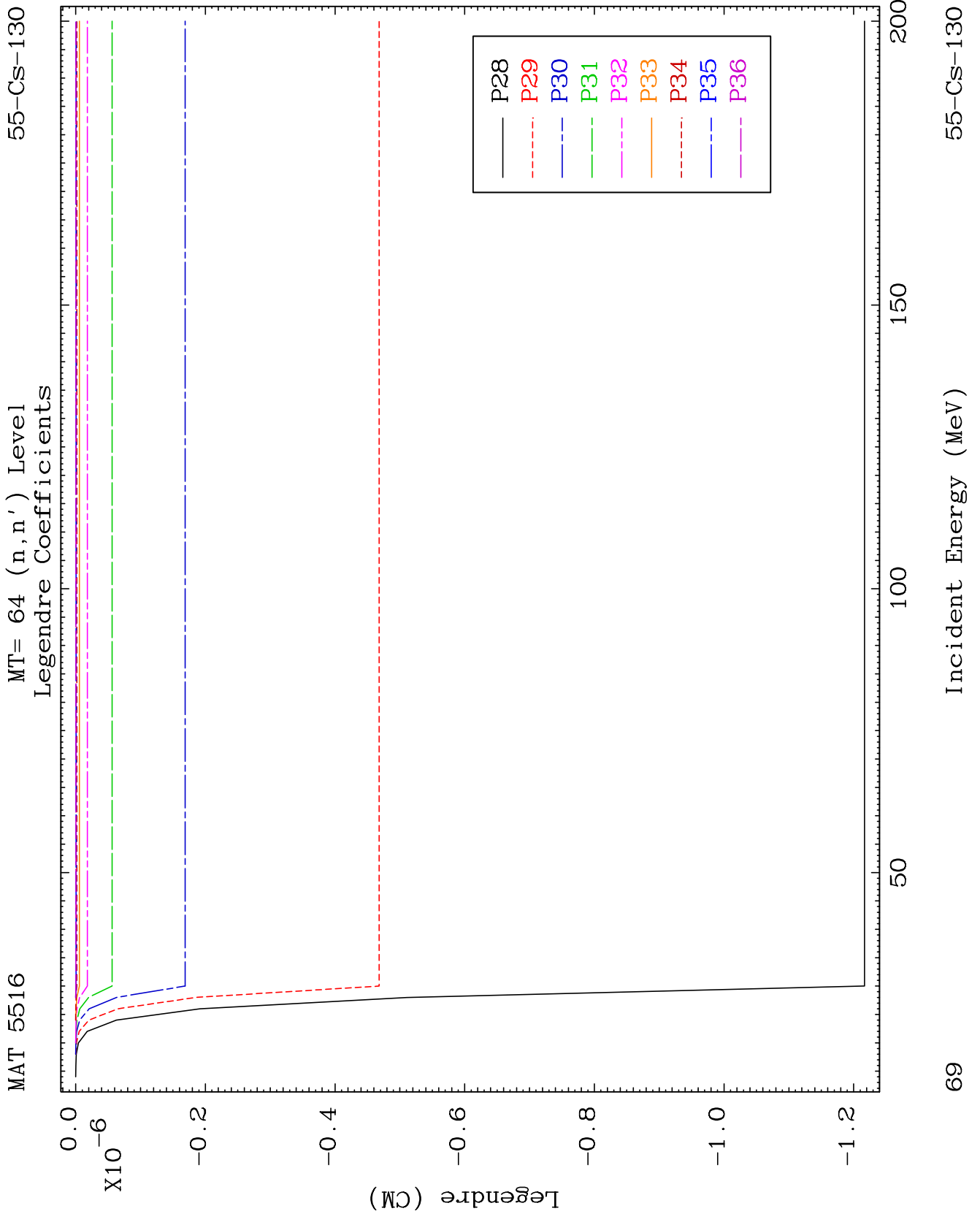
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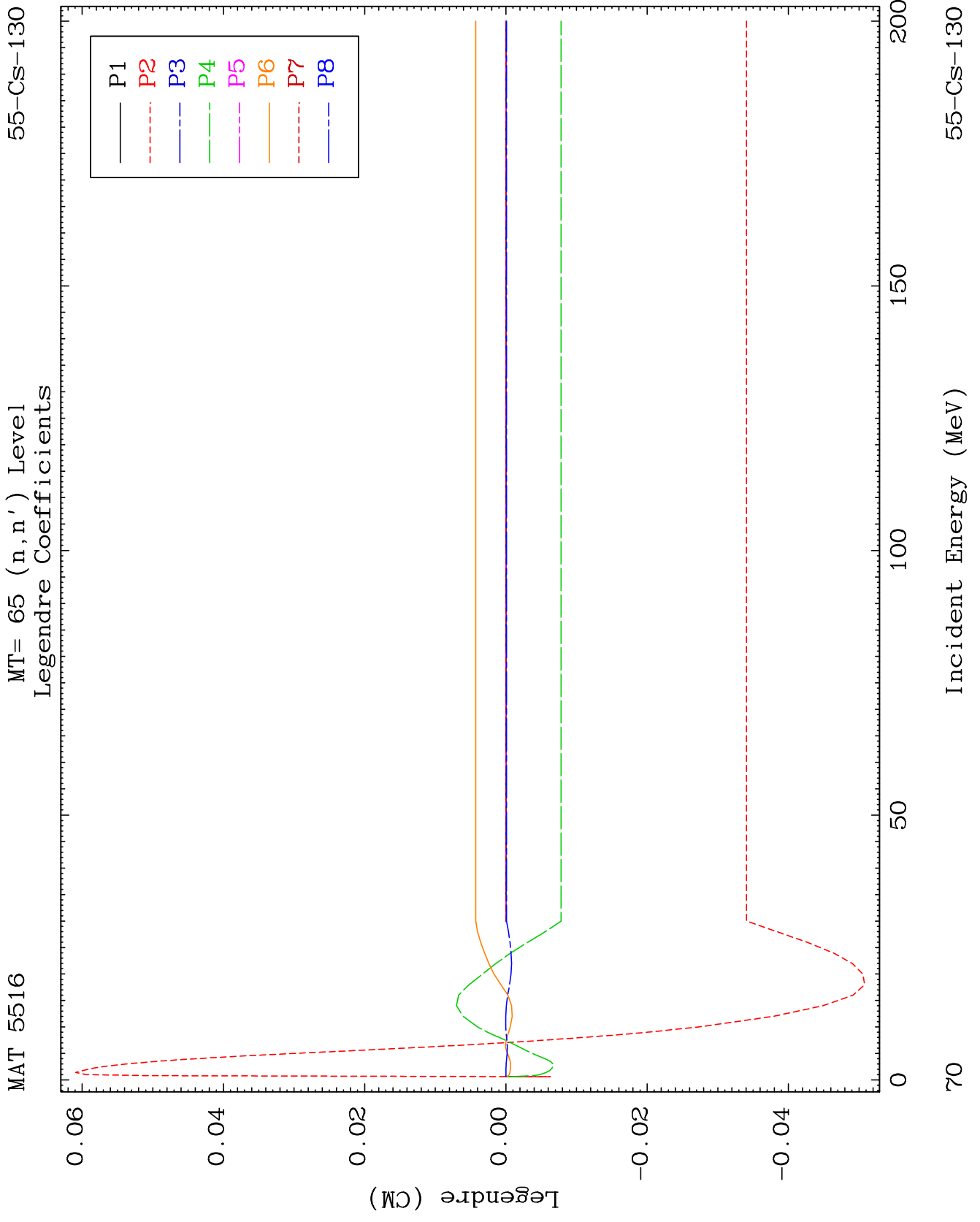


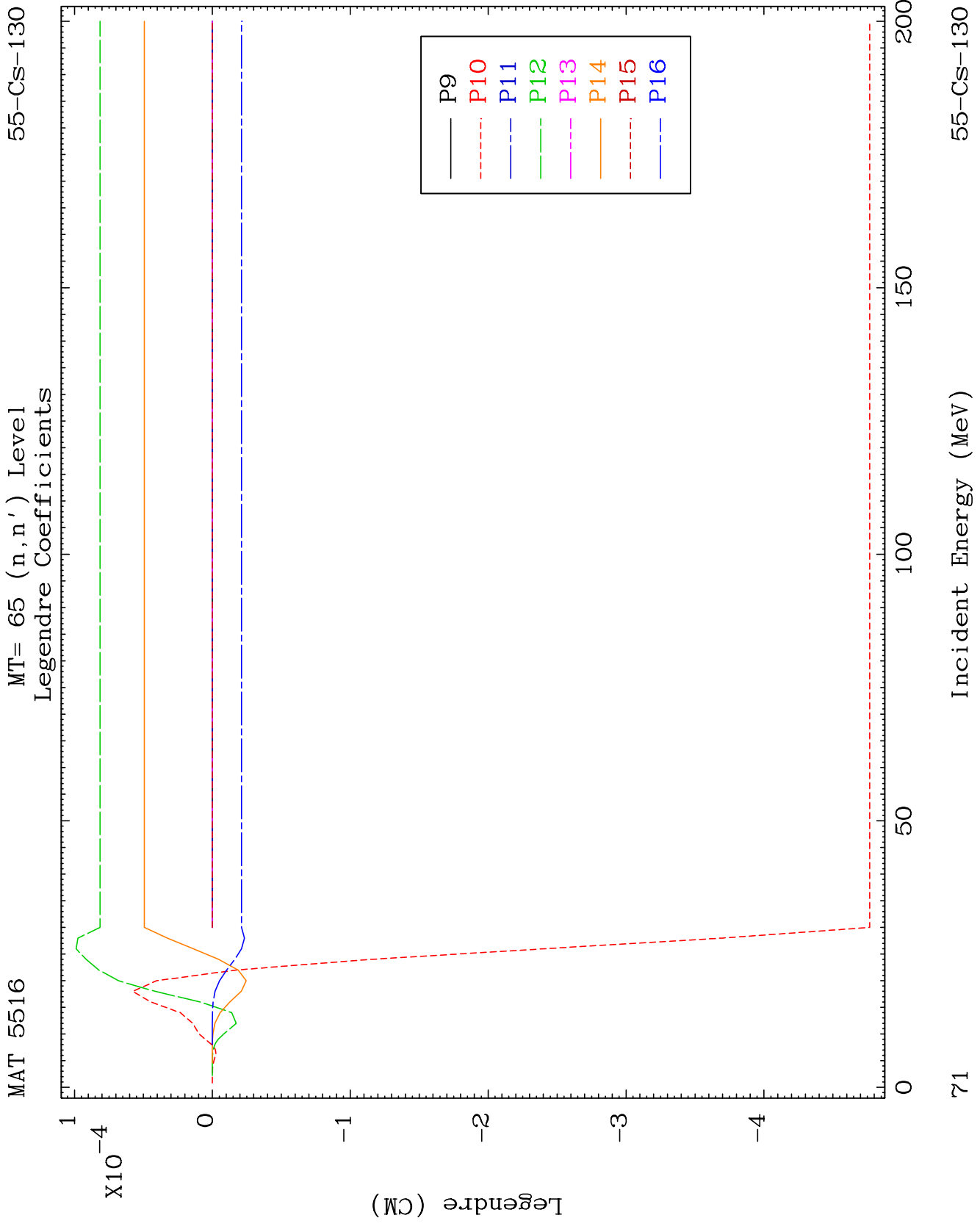
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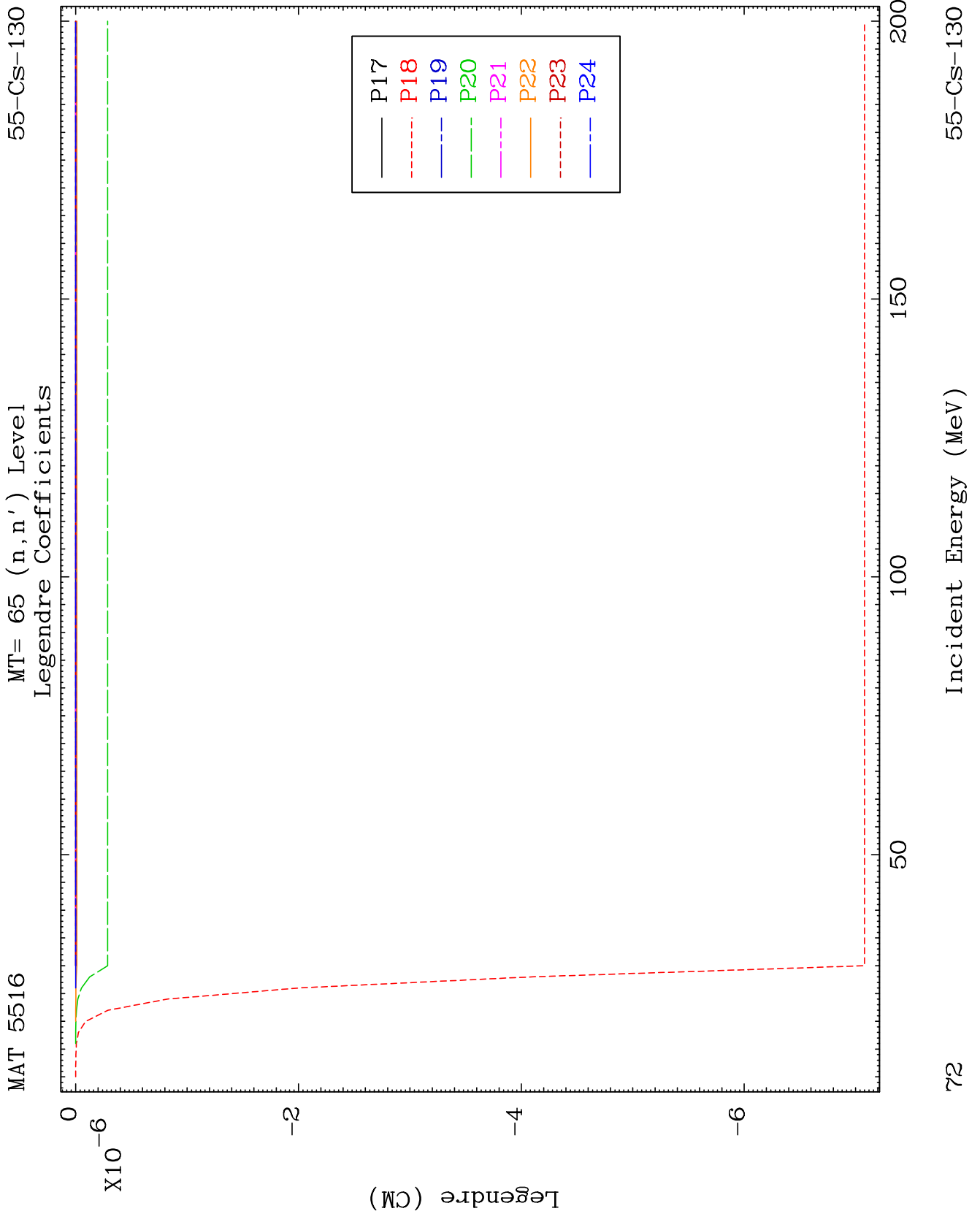
Incident Energy (MeV)

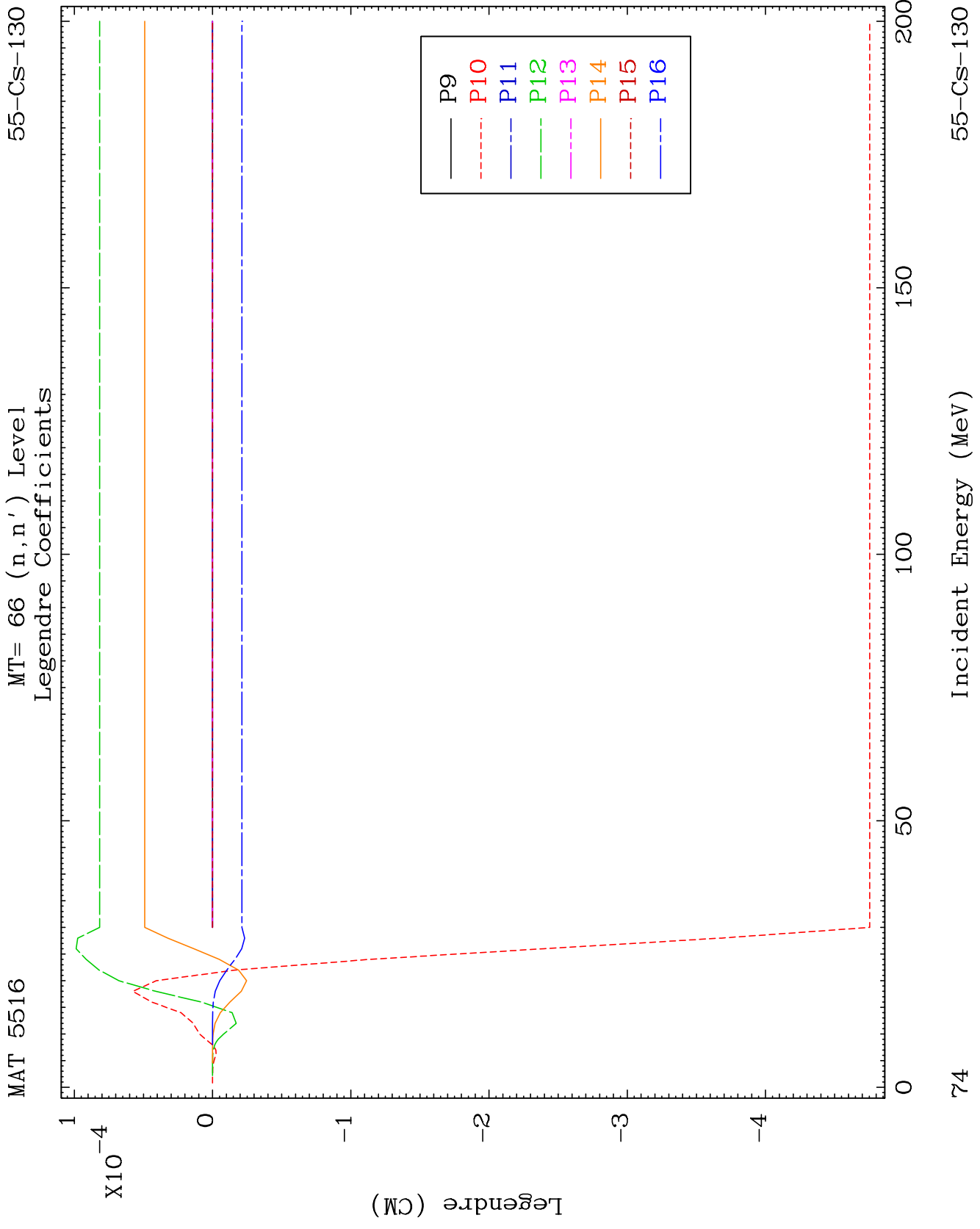
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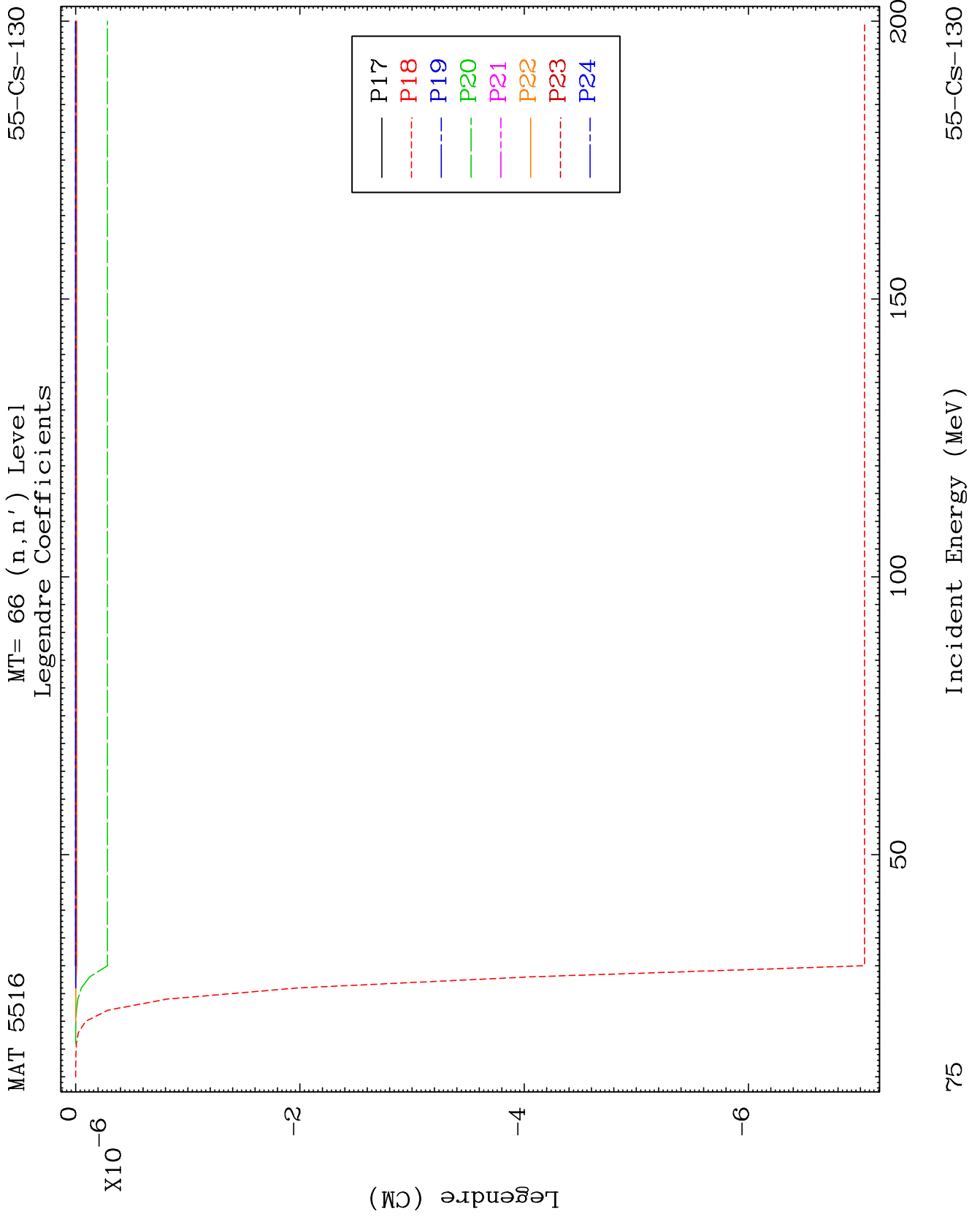


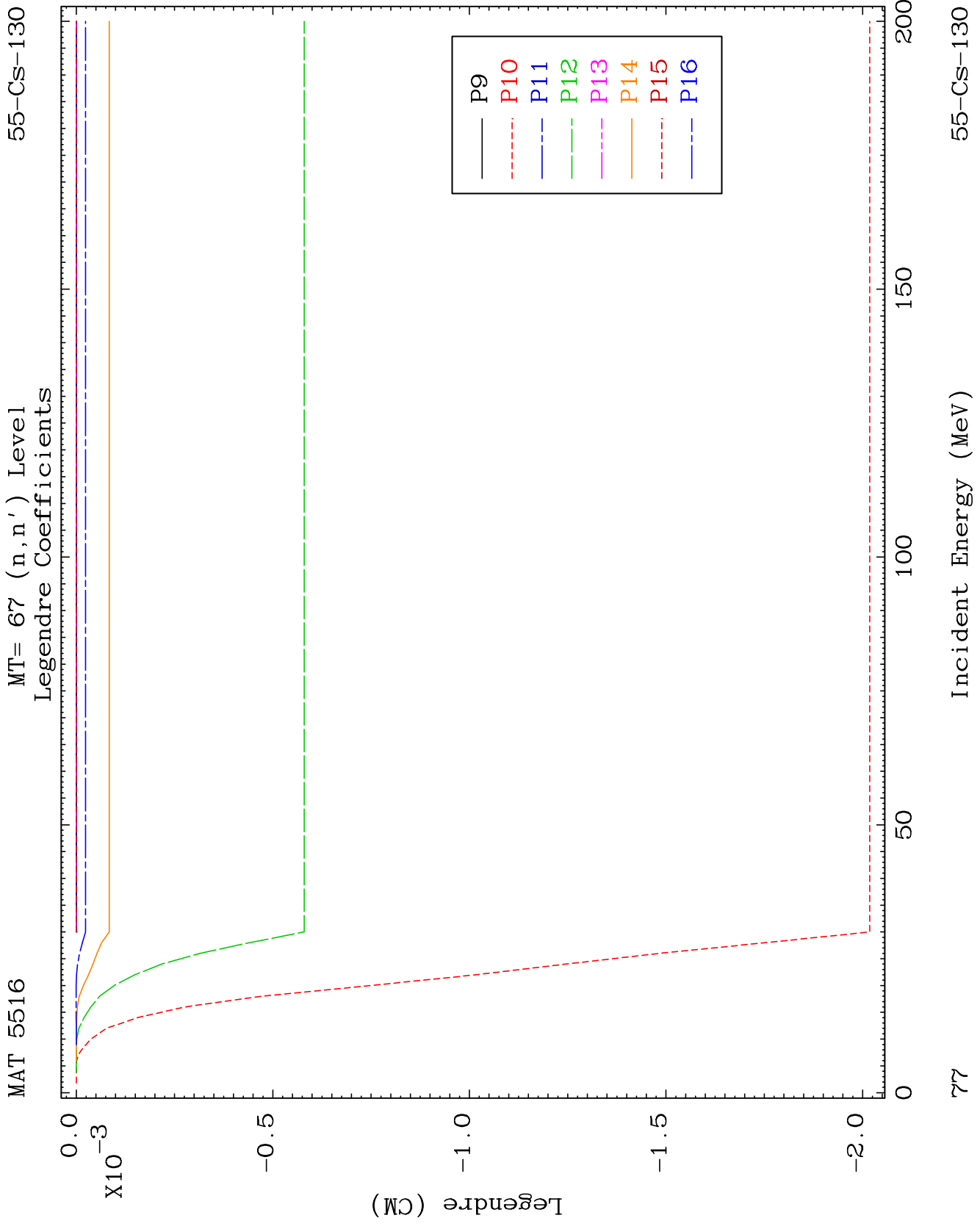








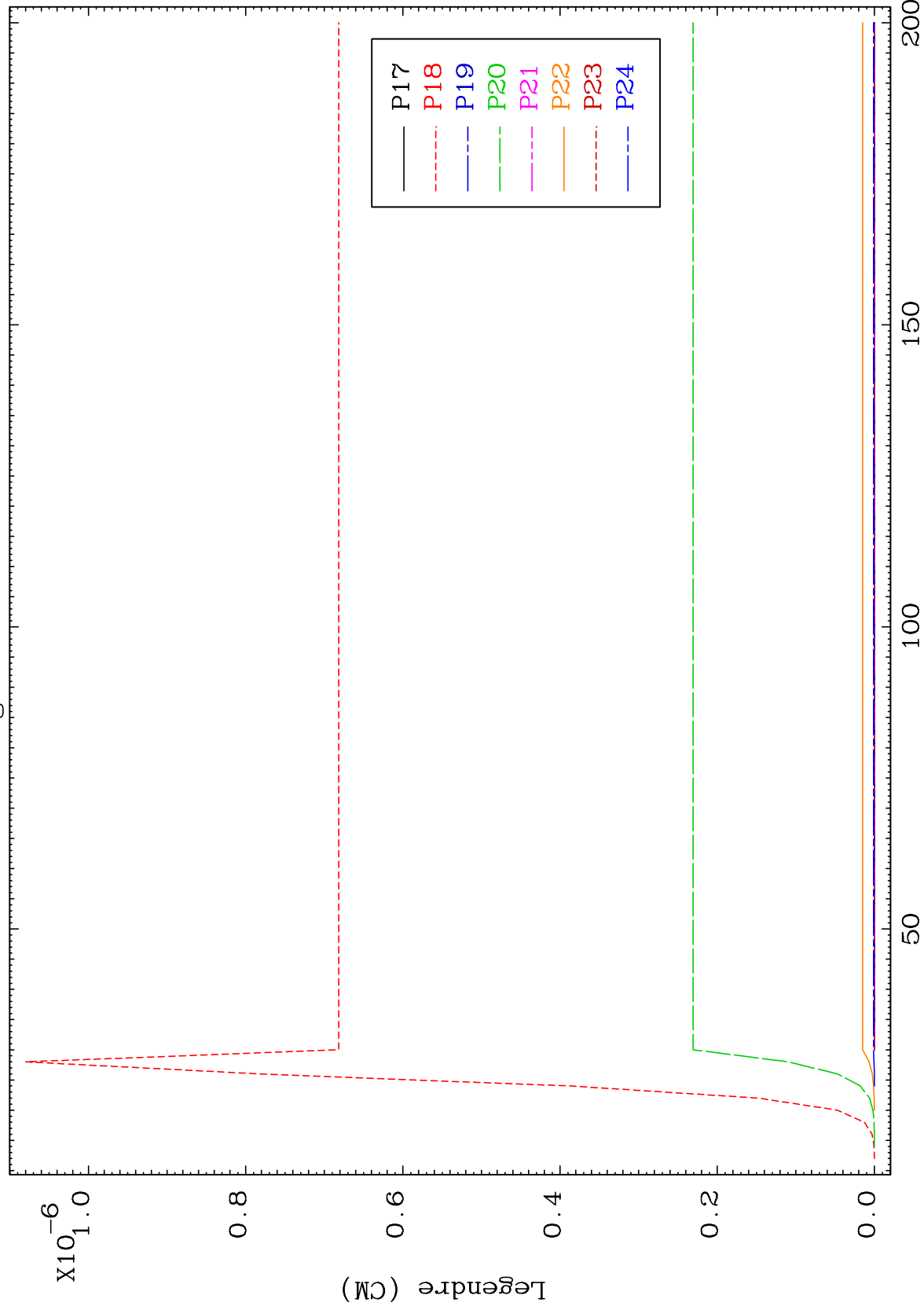




MAT 5516

MT= 67 (n,n') Level
Legendre Coefficients

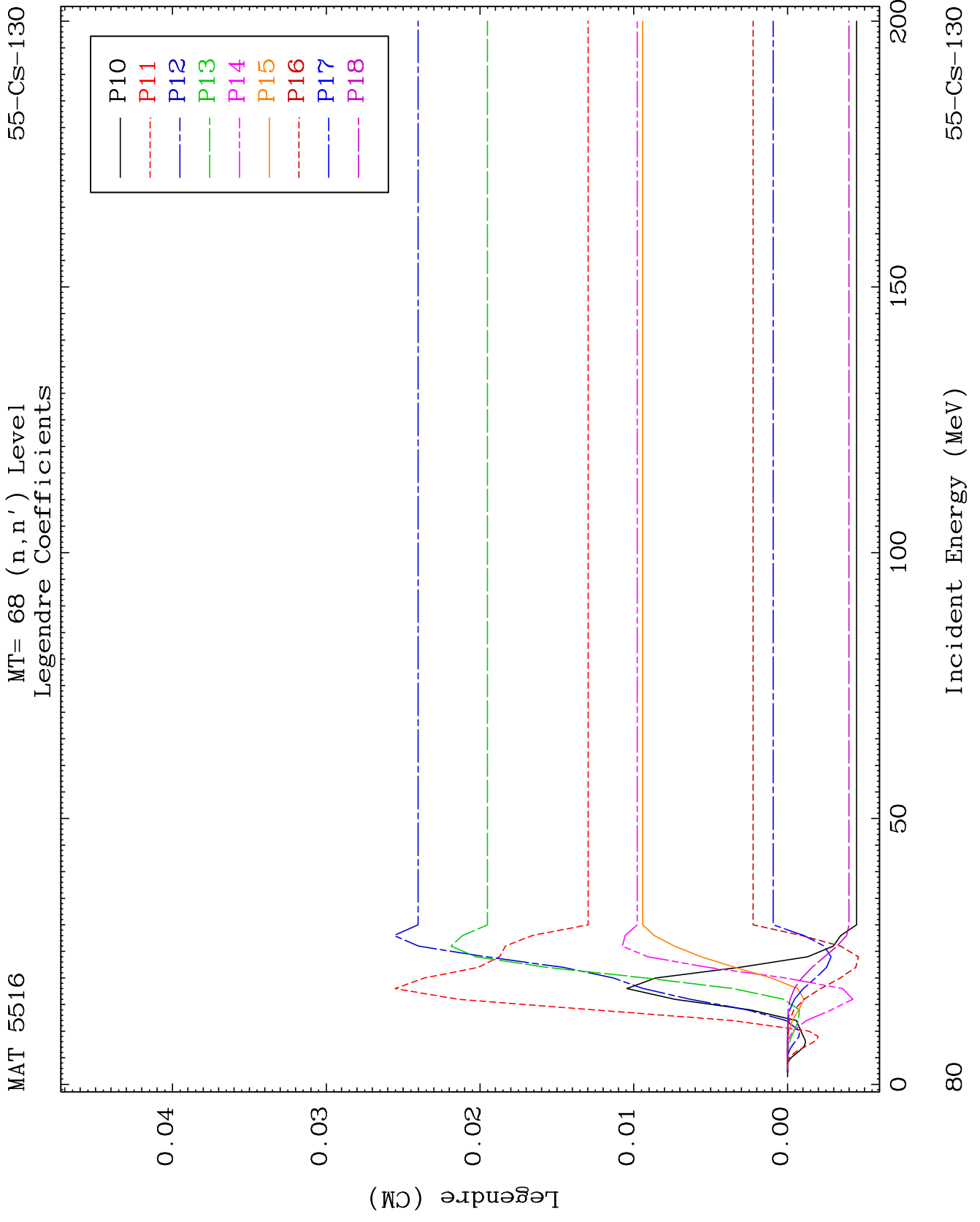
55-Cs-130



55-Cs-130

Incident Energy (MeV)

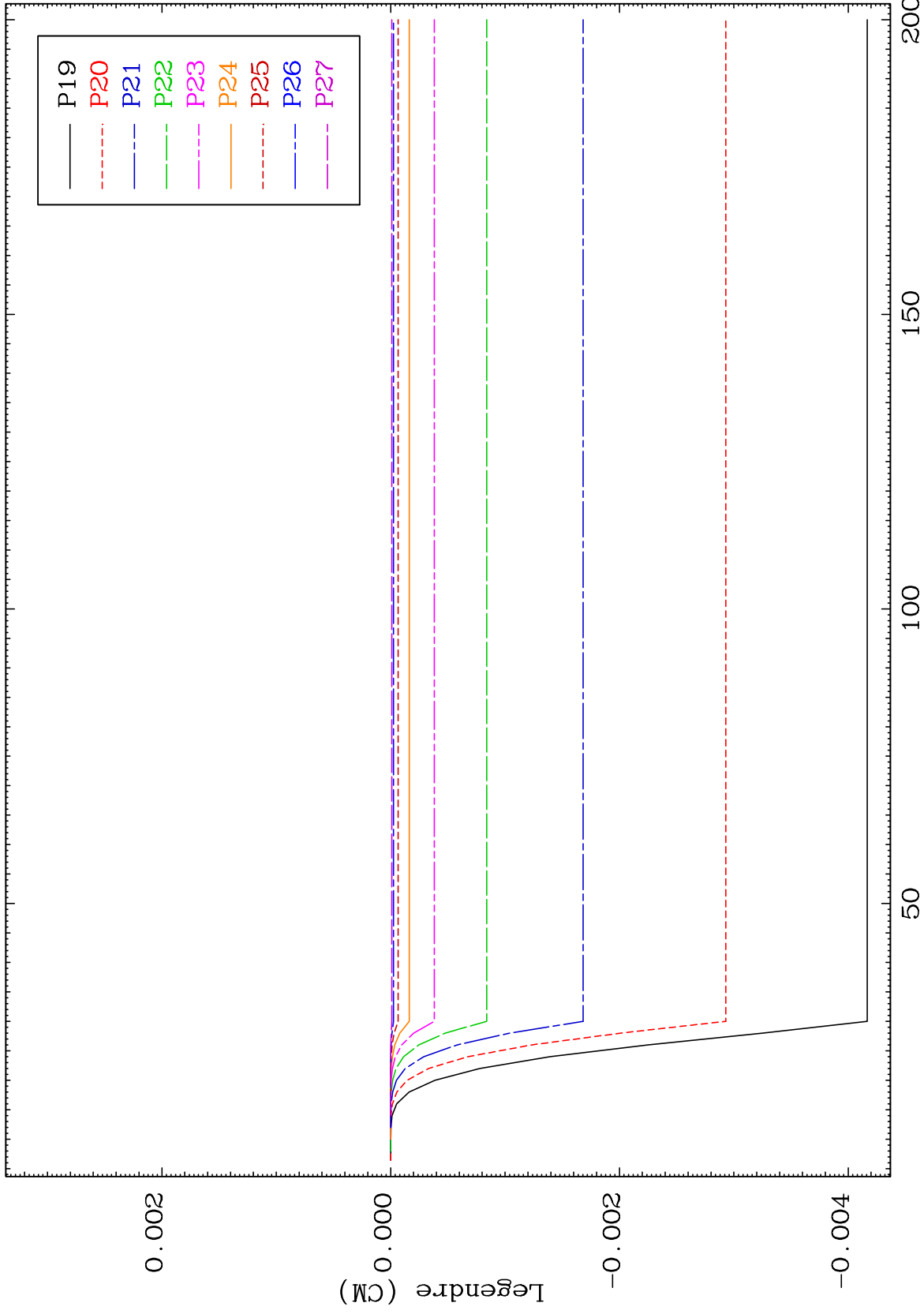
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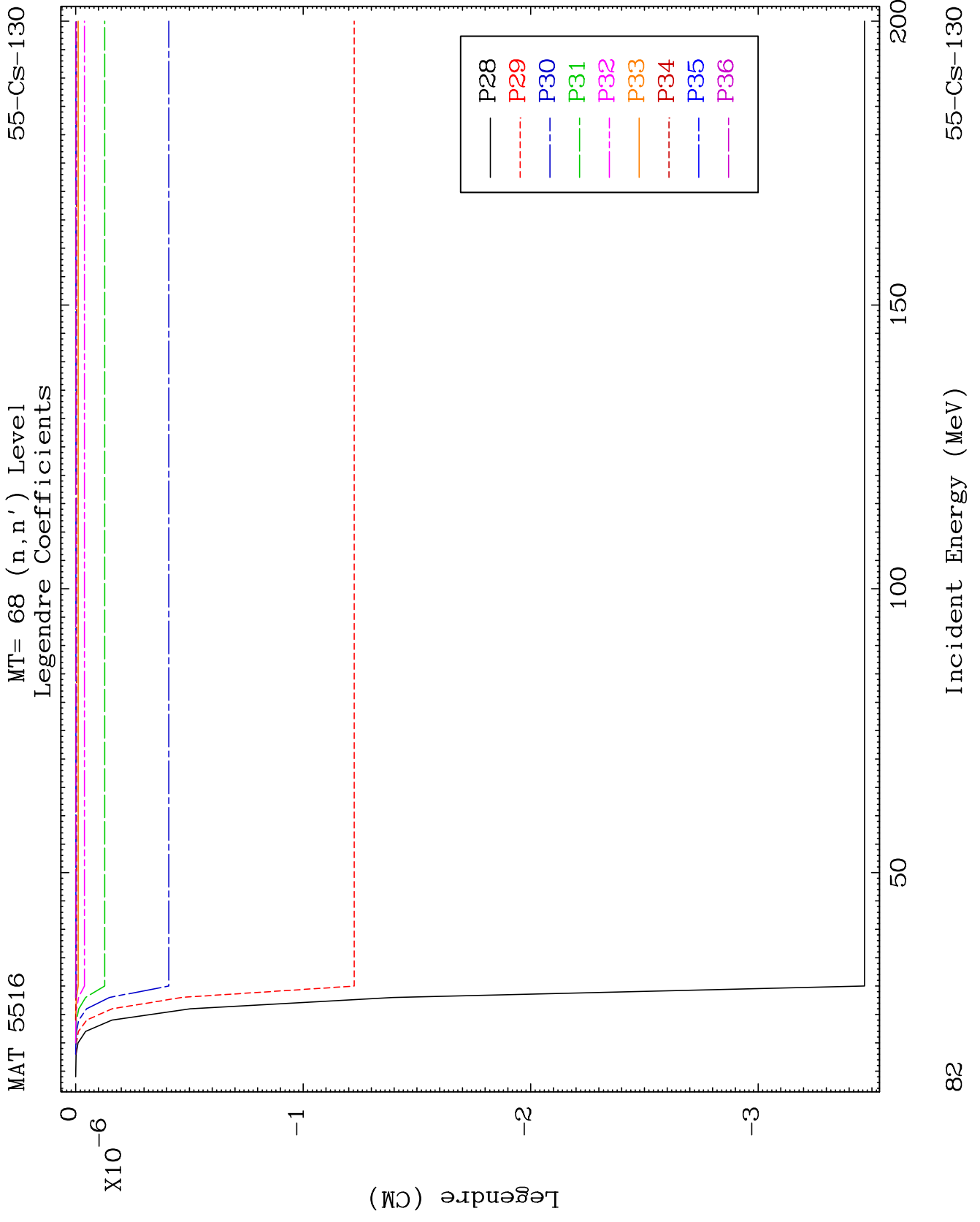


MAT 5516

MT= 68 (n,n') Level
Legendre Coefficients

55-Cs-130

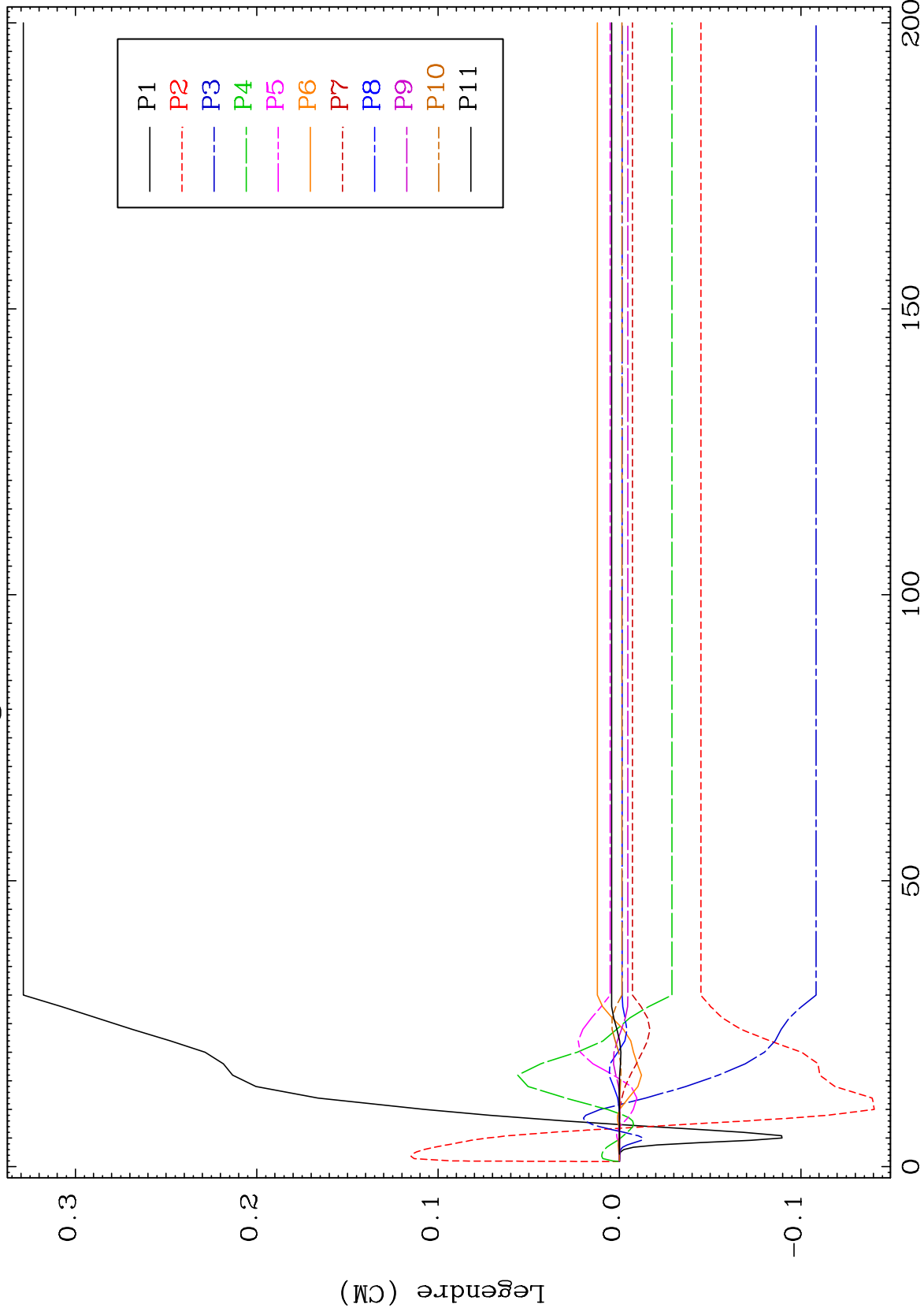




MAT 5516

MT= 69 (n,n') Level
Legendre Coefficients

55-Cs-130



83

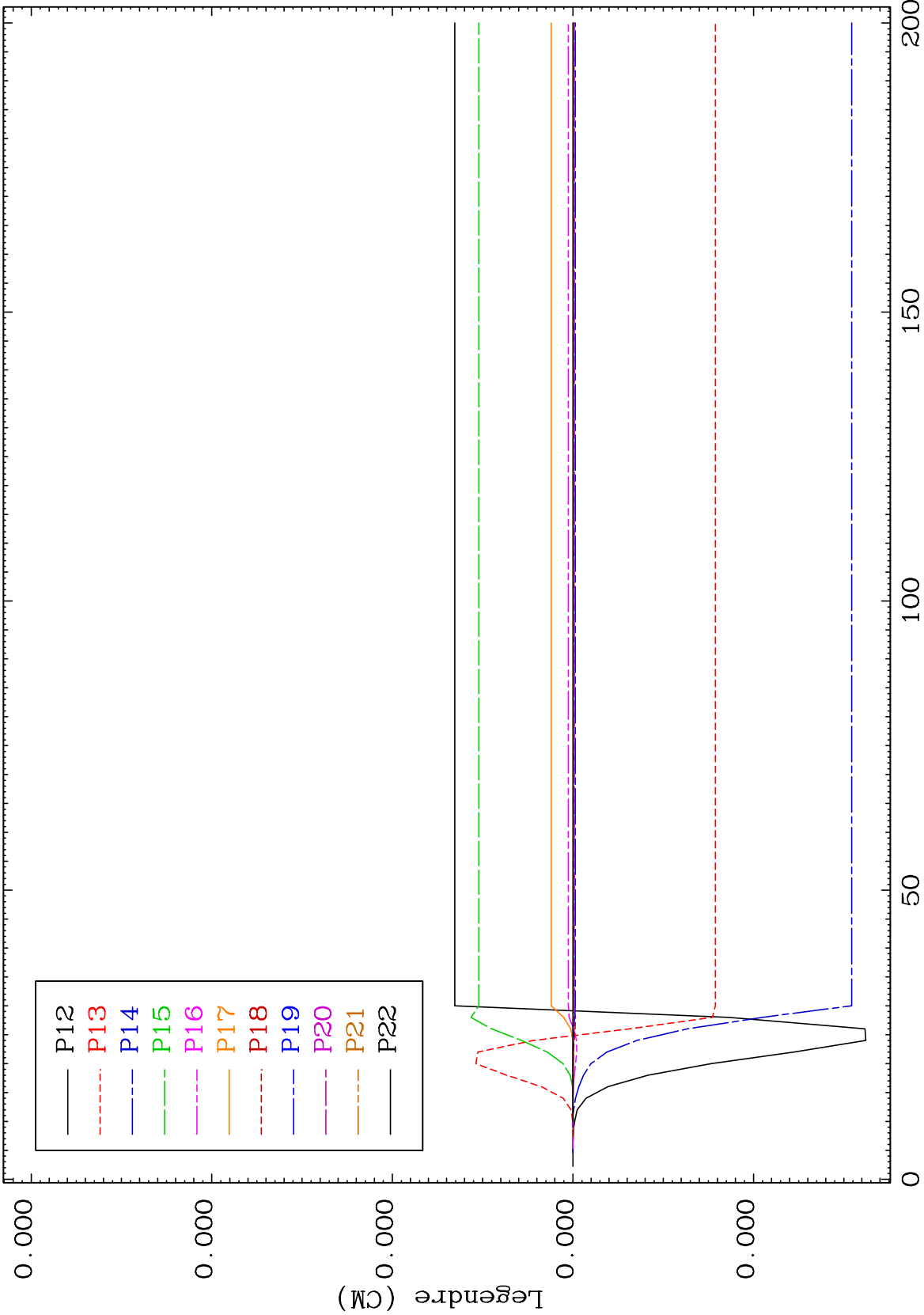
Incident Energy (MeV)

55-Cs-130

MAT 5516

MT= 69 (n,n') Level
Legendre Coefficients

55-Cs-130



84

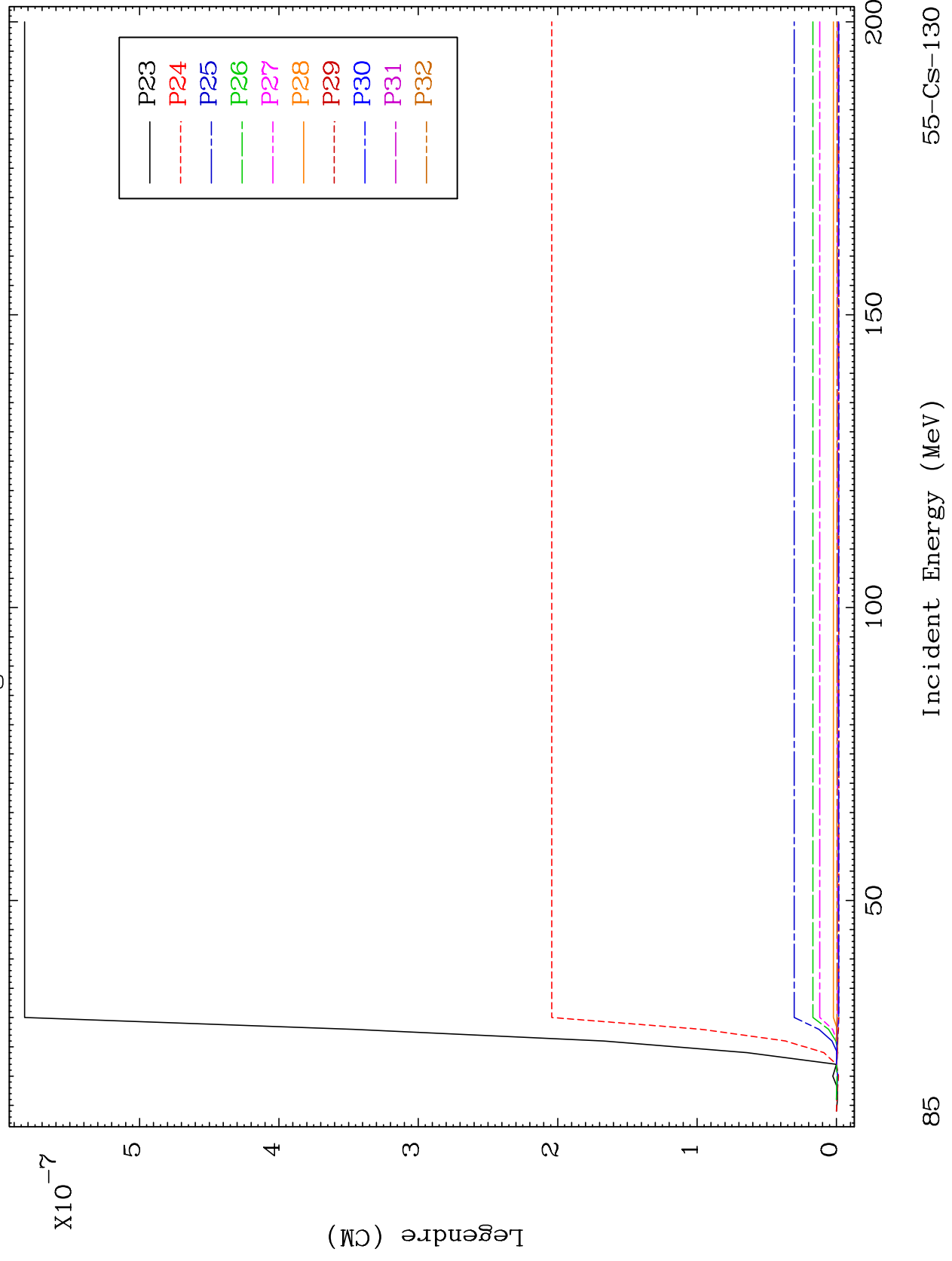
Incident Energy (MeV)

55-Cs-130

MAT 5516

MT= 69 (n,n') Level
Legendre Coefficients

55-Cs-130



55-Cs-130

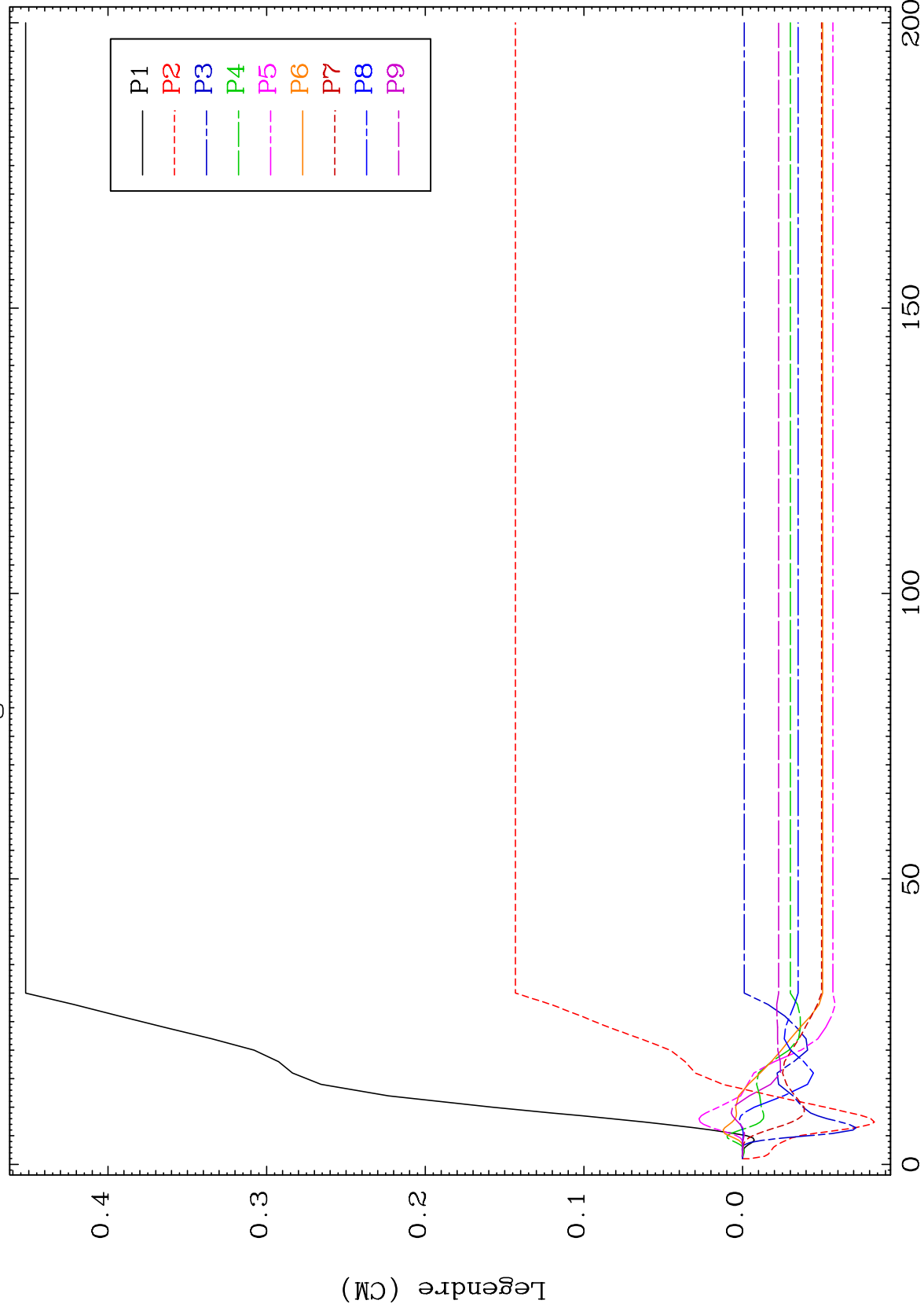
Incident Energy (MeV)

85

MAT 5516

MT= 70 (n,n') Level
Legendre Coefficients

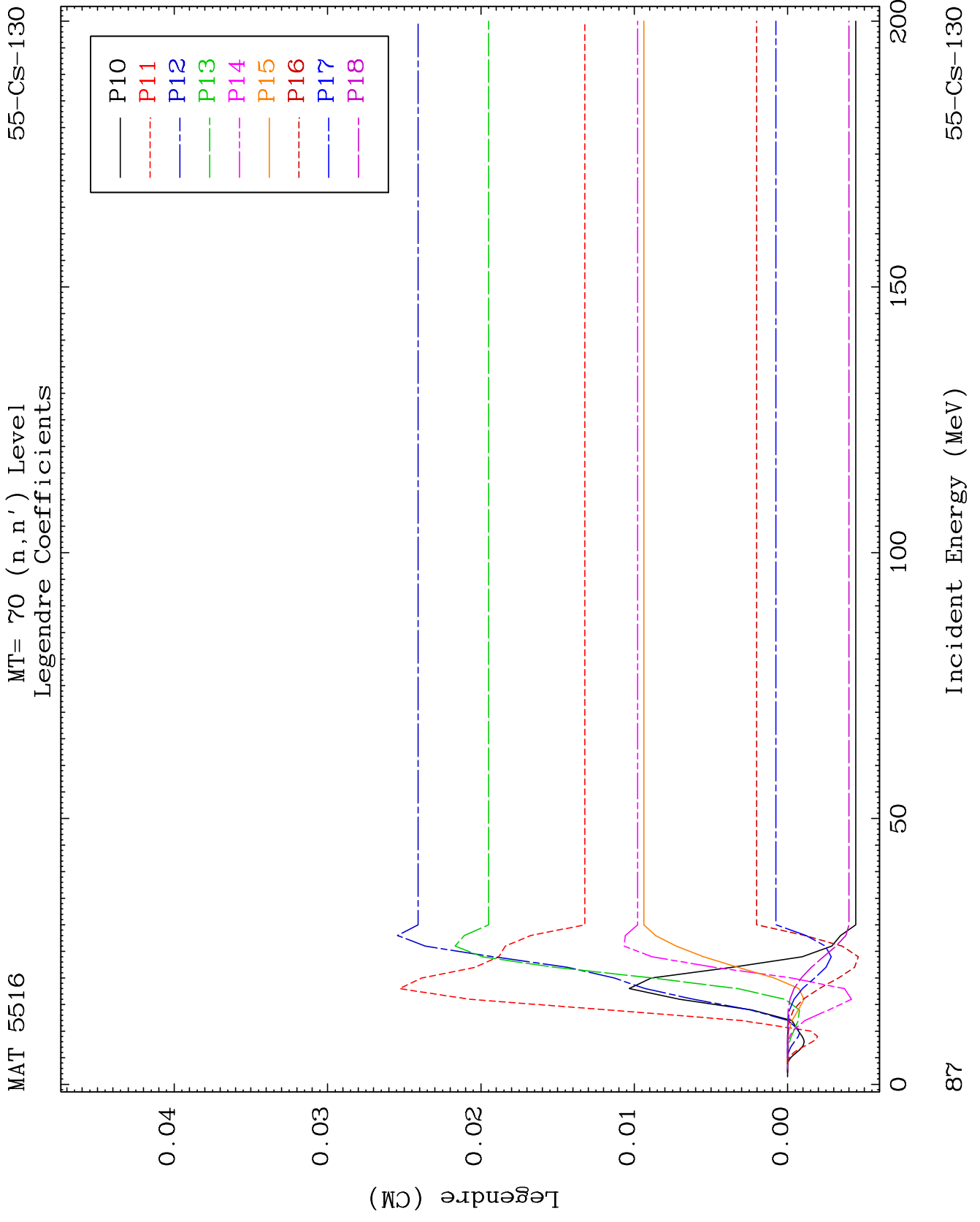
55-Cs-130



86

Incident Energy (MeV)

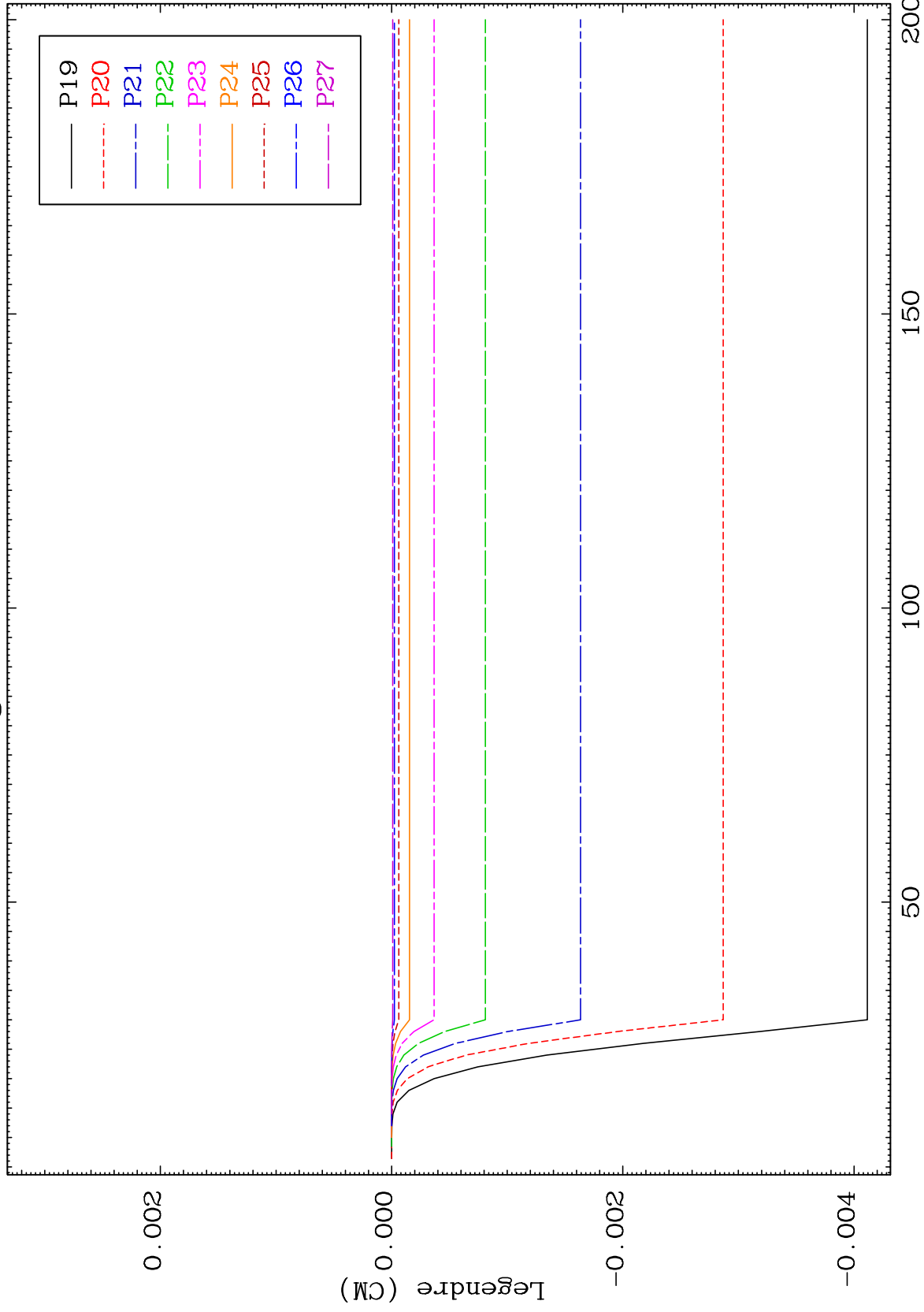
55-Cs-130



MAT 5516

MT= 70 (n,n') Level
Legendre Coefficients

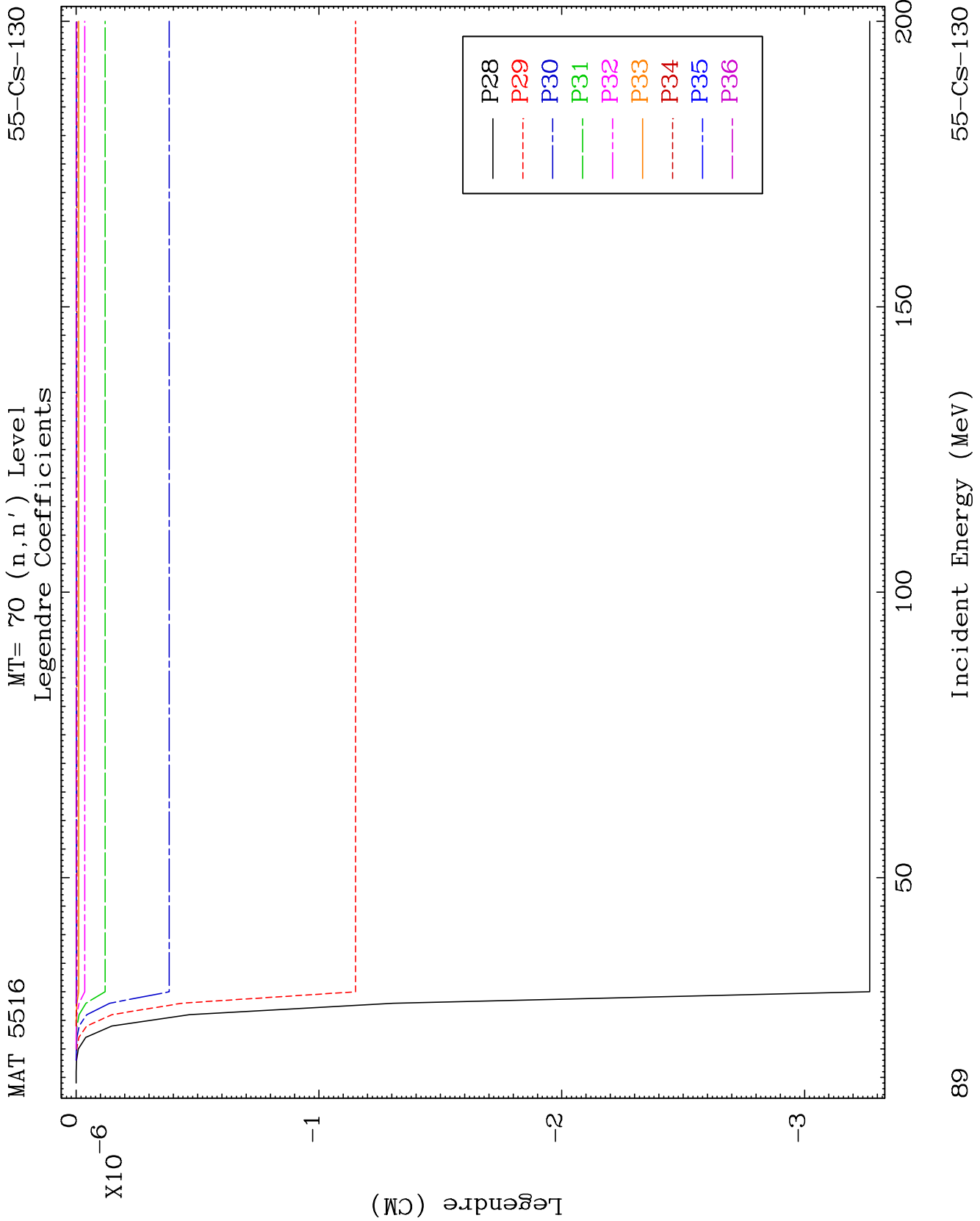
55-Cs-130

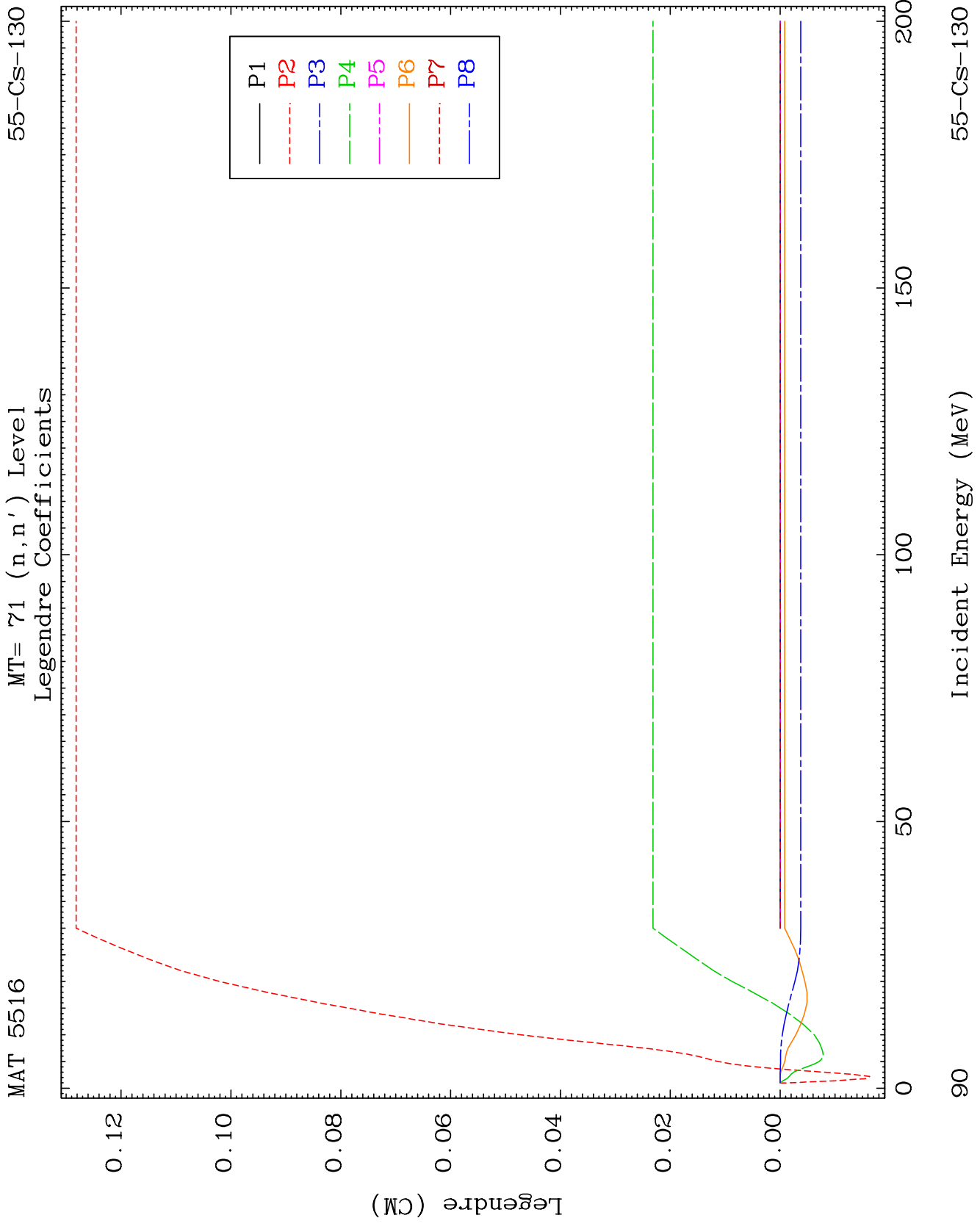


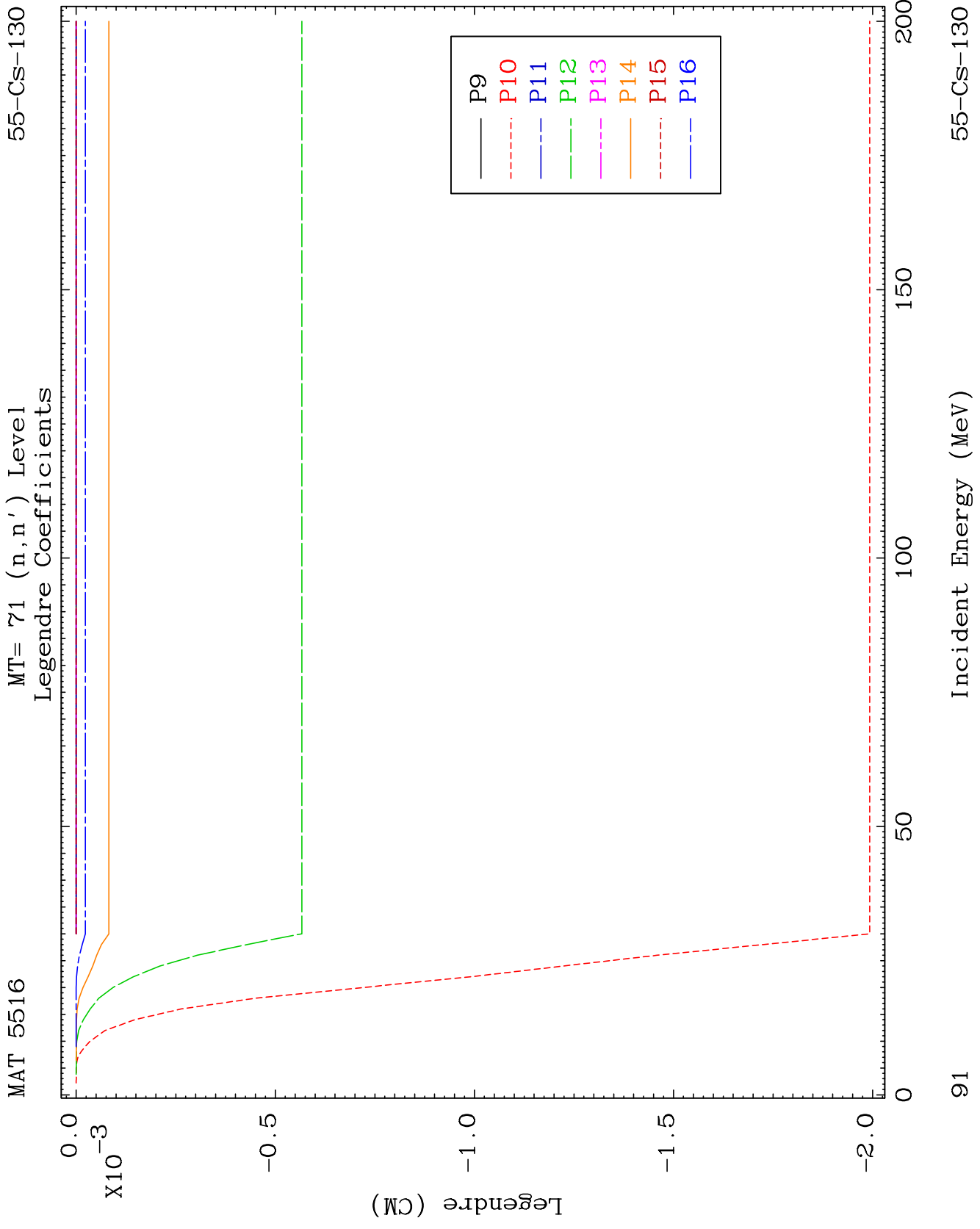
88

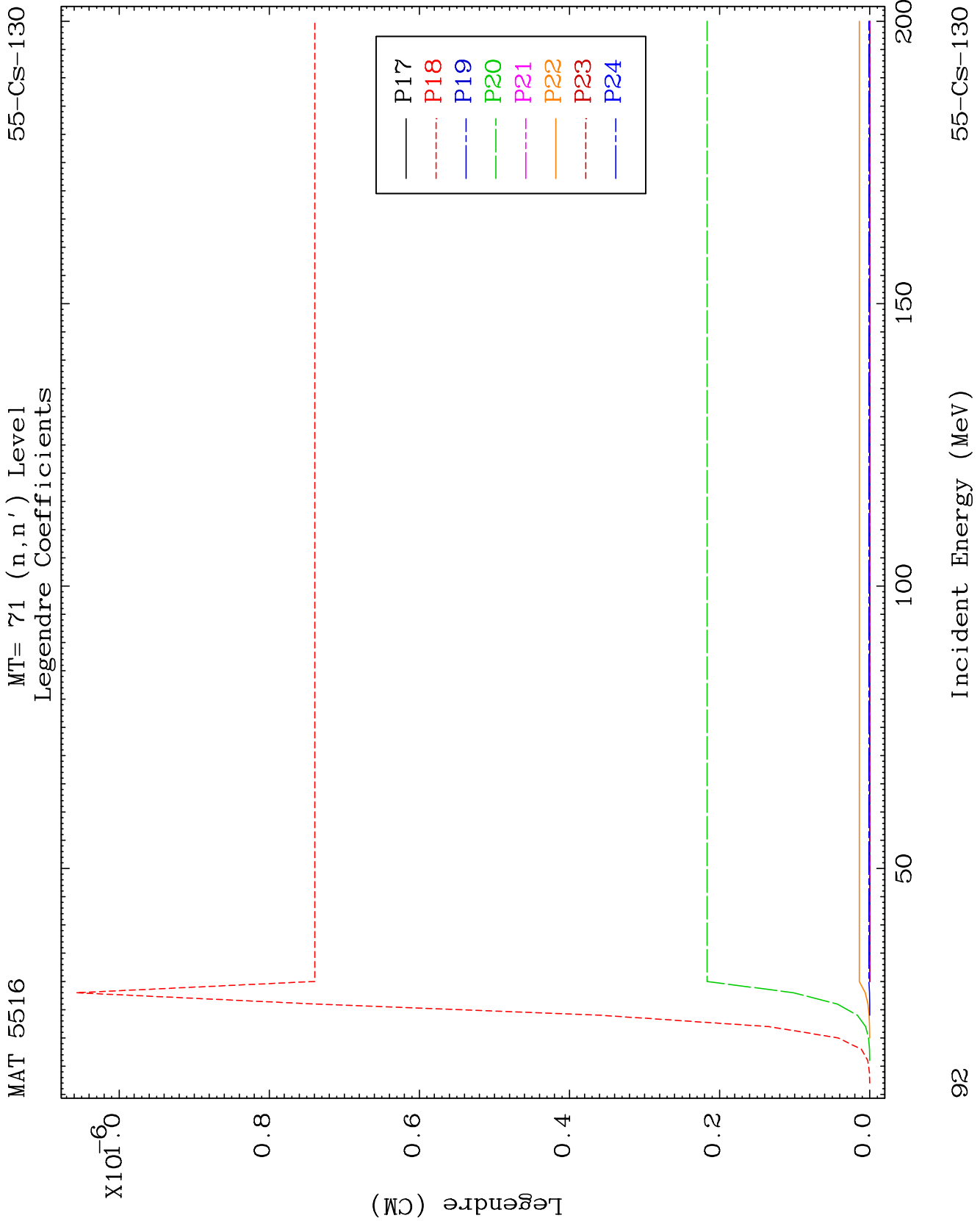
Incident Energy (MeV)

55-Cs-130





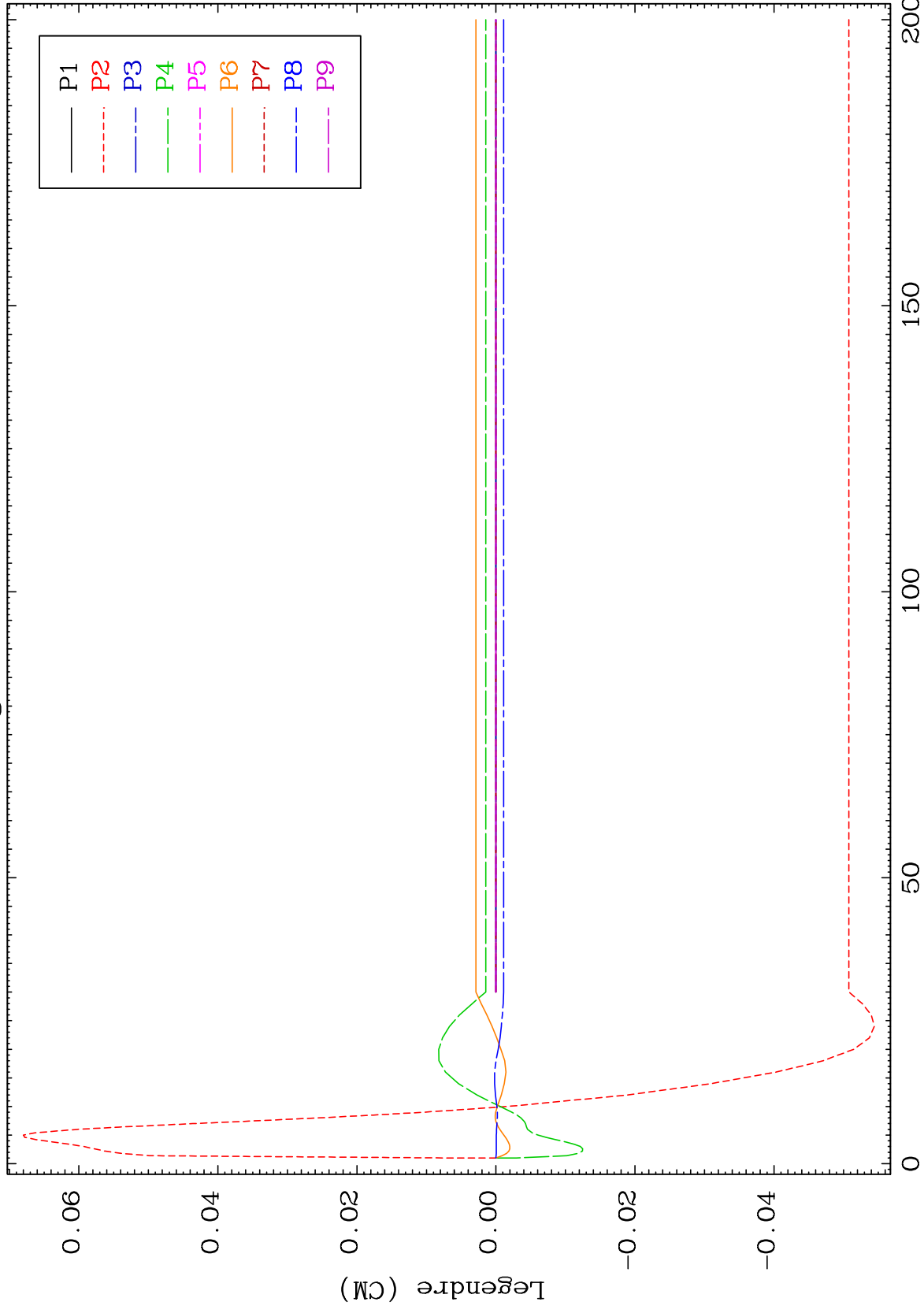




MAT 5516

MT= 72 (n,n') Level
Legendre Coefficients

55-Cs-130



93

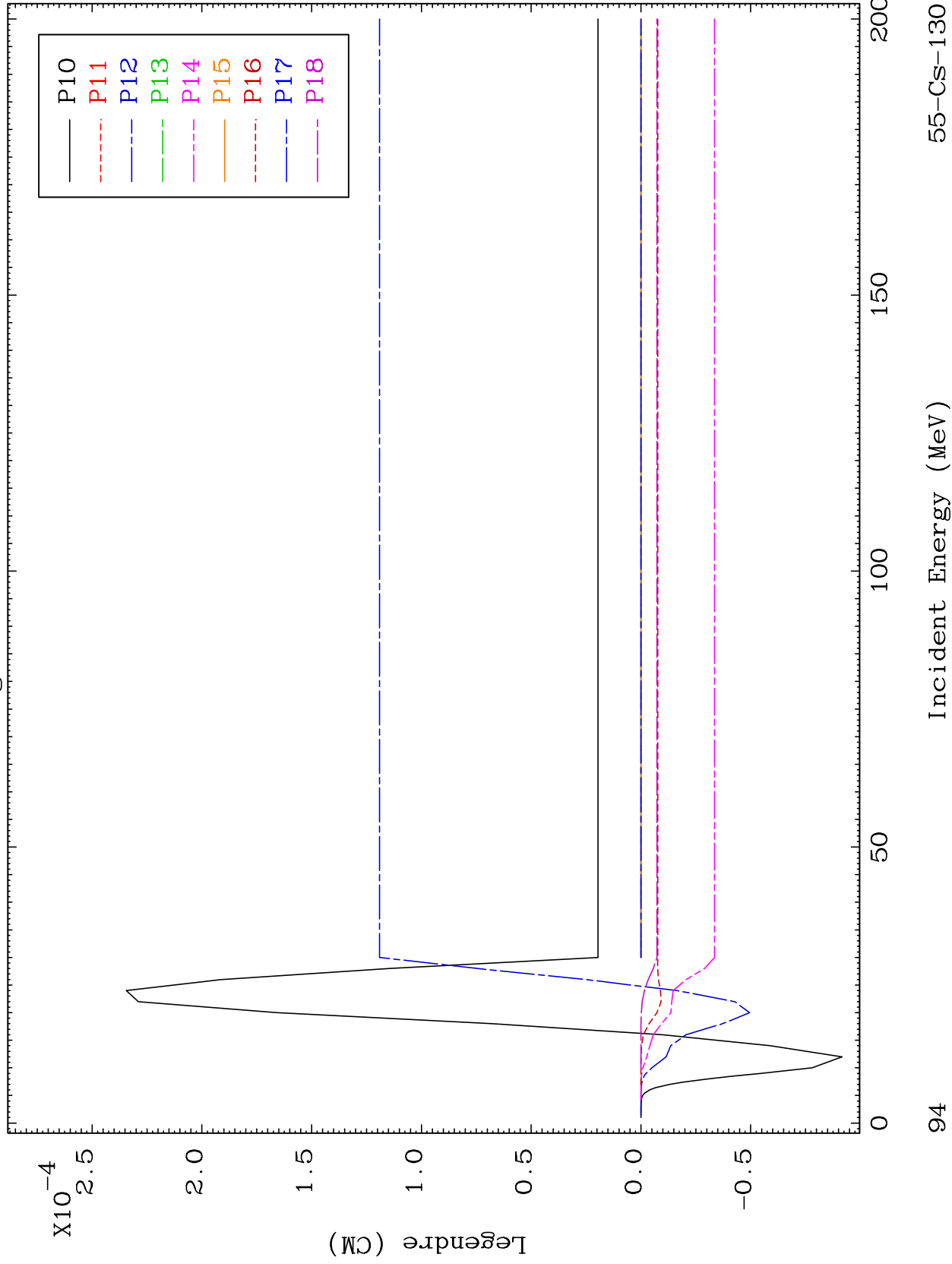
Incident Energy (MeV)

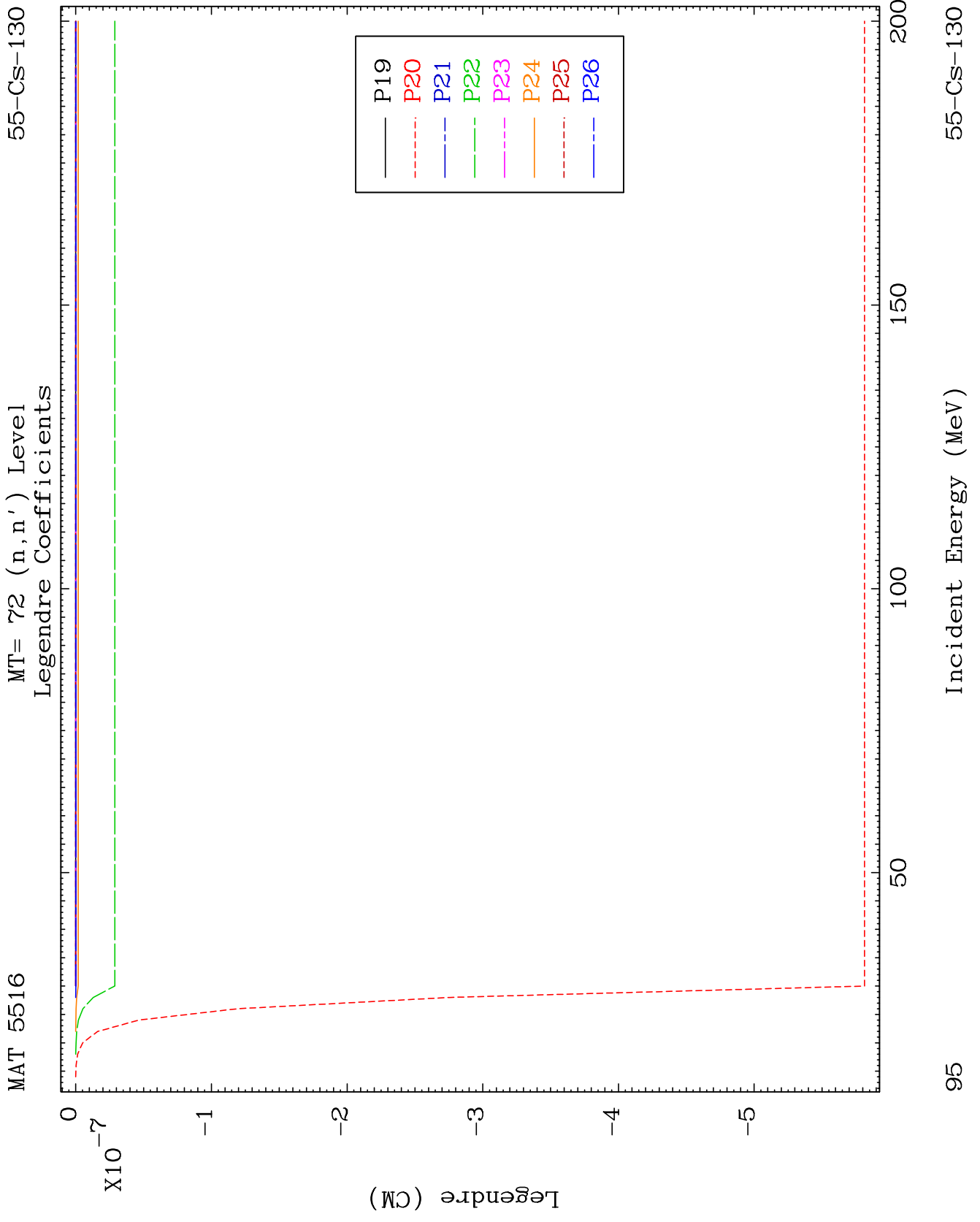
55-Cs-130

MAT 5516

MT= 72 (n,n') Level
Legendre Coefficients

55-Cs-130

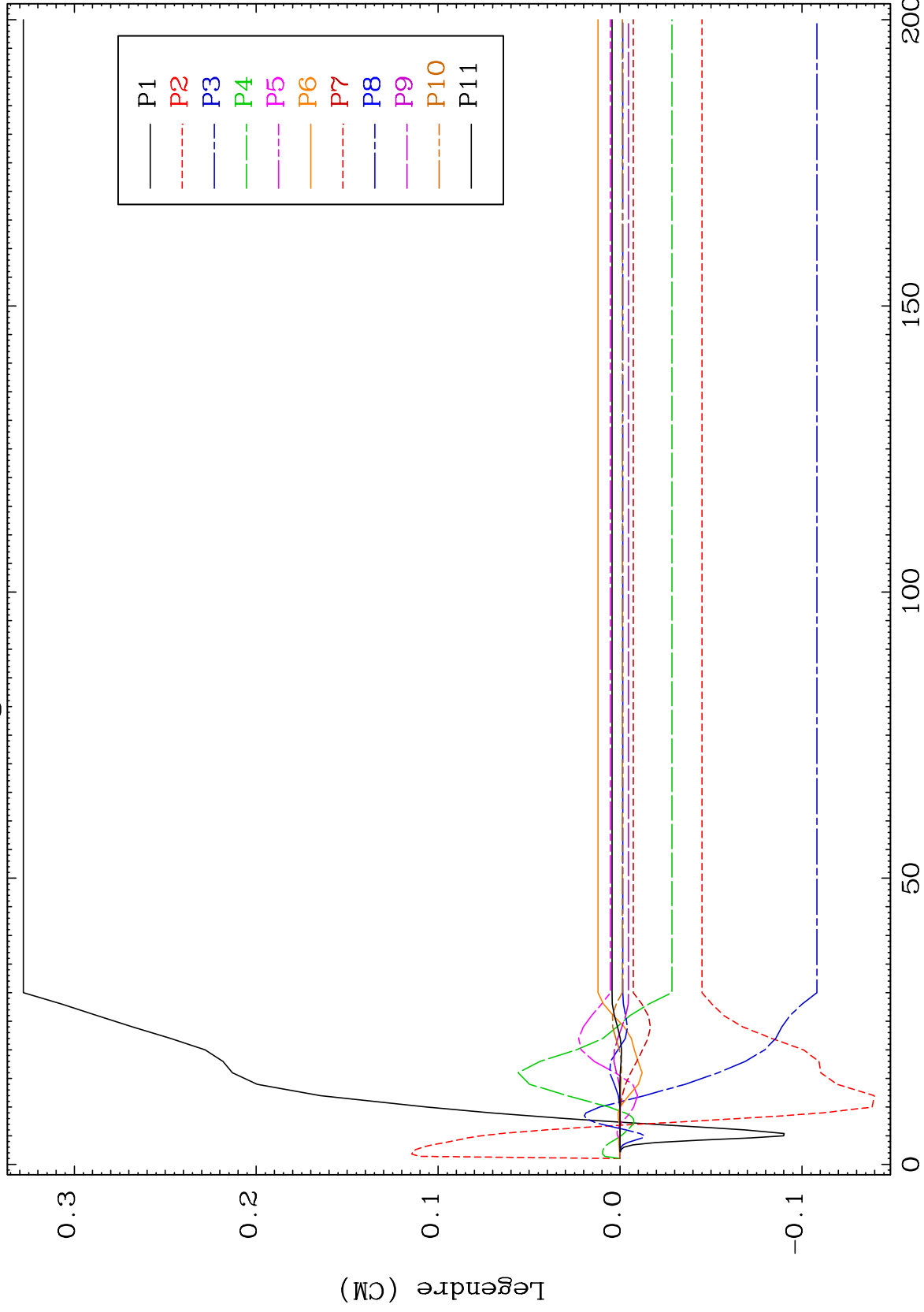




MAT 5516

MT= 73 (n,n') Level
Legendre Coefficients

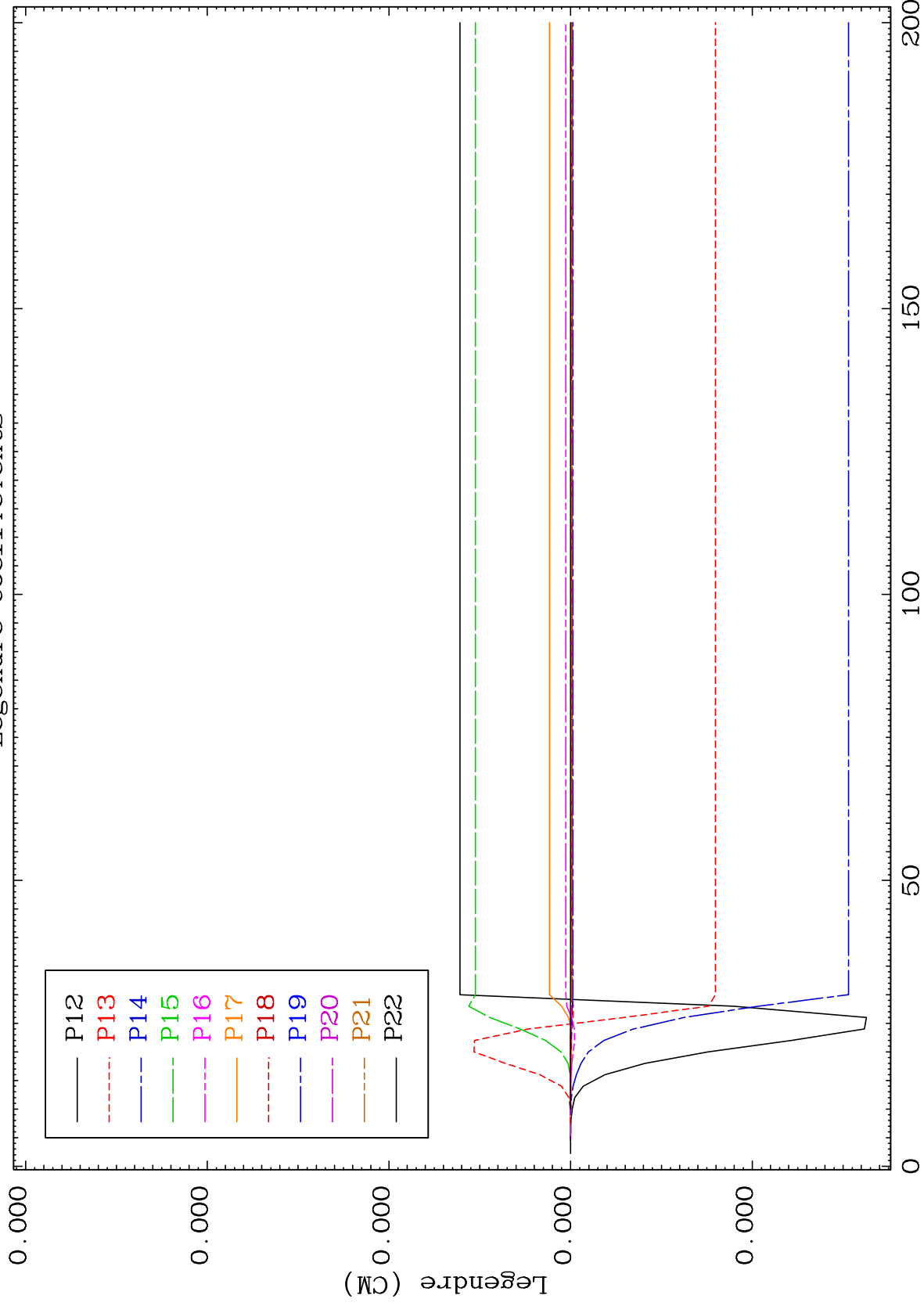
55-Cs-130



MAT 5516

MT= 73 (n,n') Level
Legendre Coefficients

55-Cs-130



97

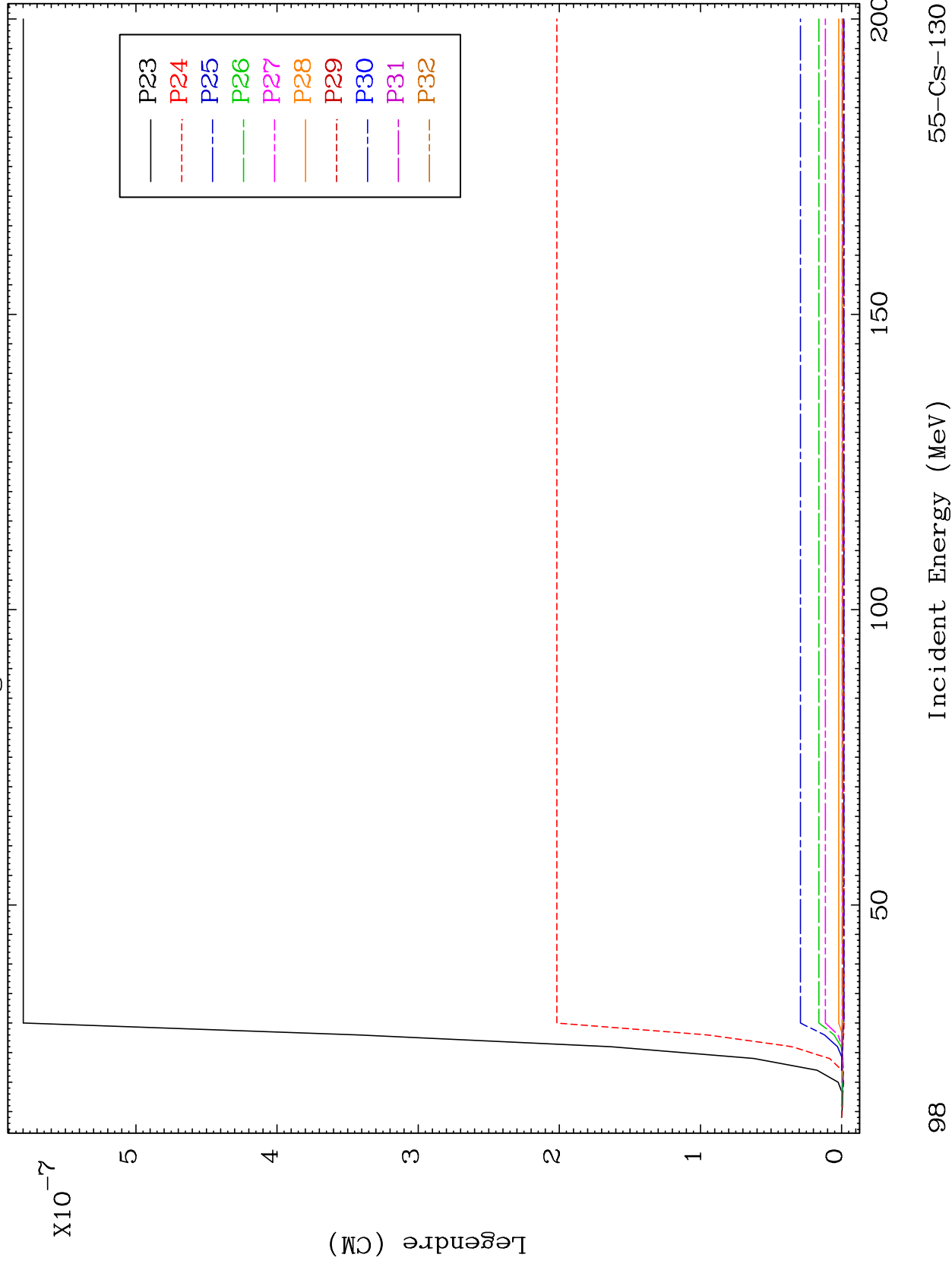
Incident Energy (MeV)

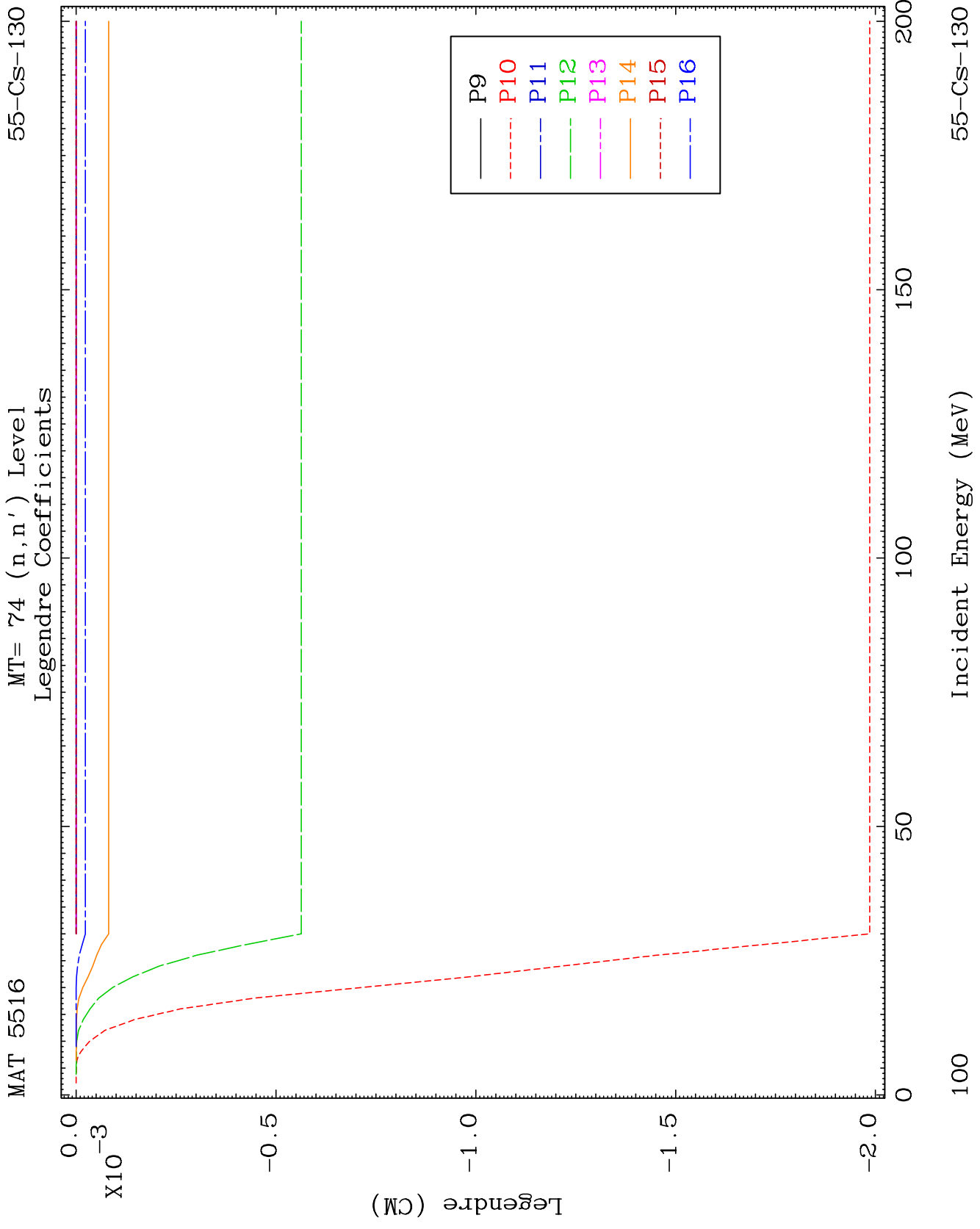
55-Cs-130

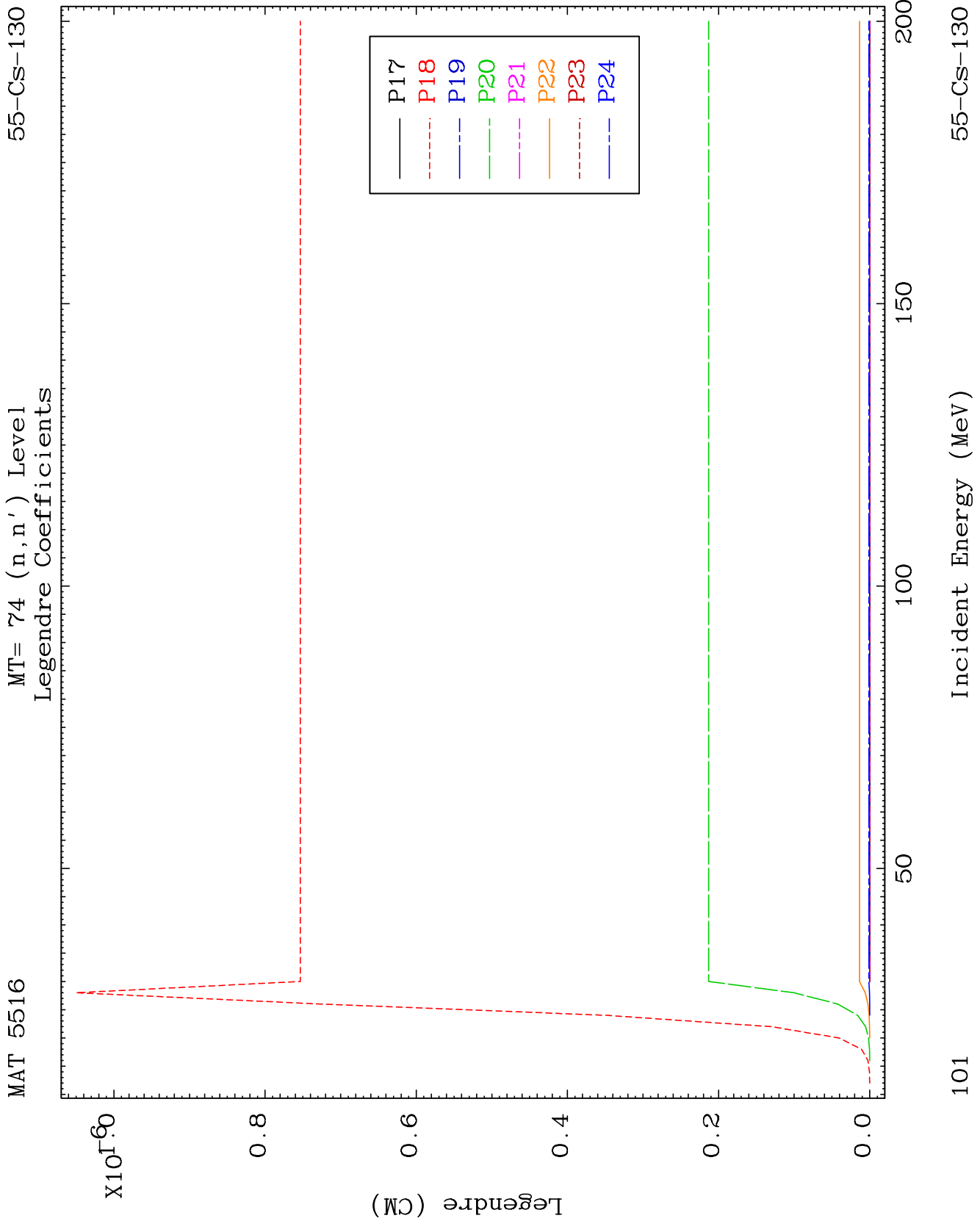
MAT 5516

MT= 73 (n,n') Level
Legendre Coefficients

55-Cs-130



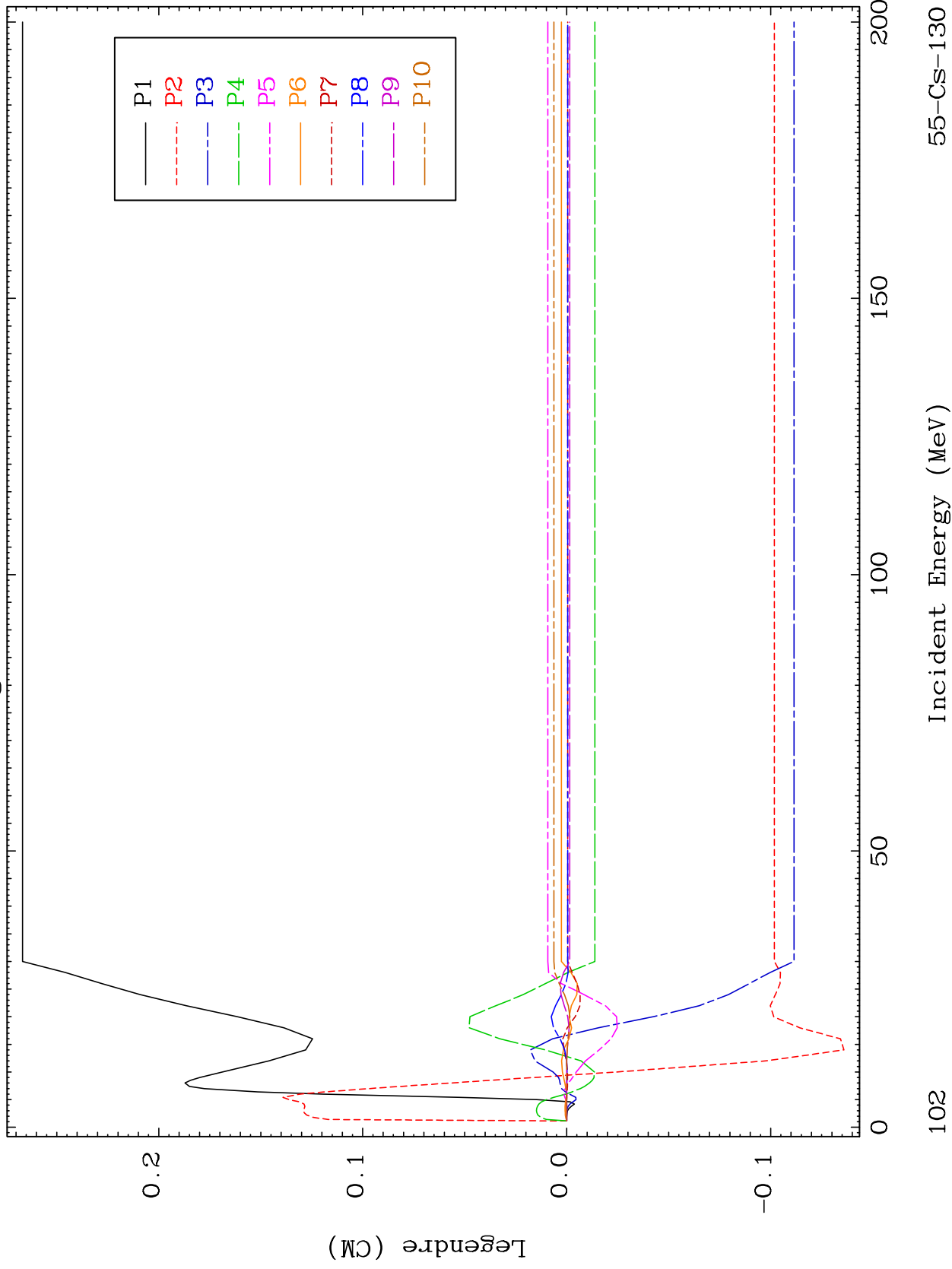


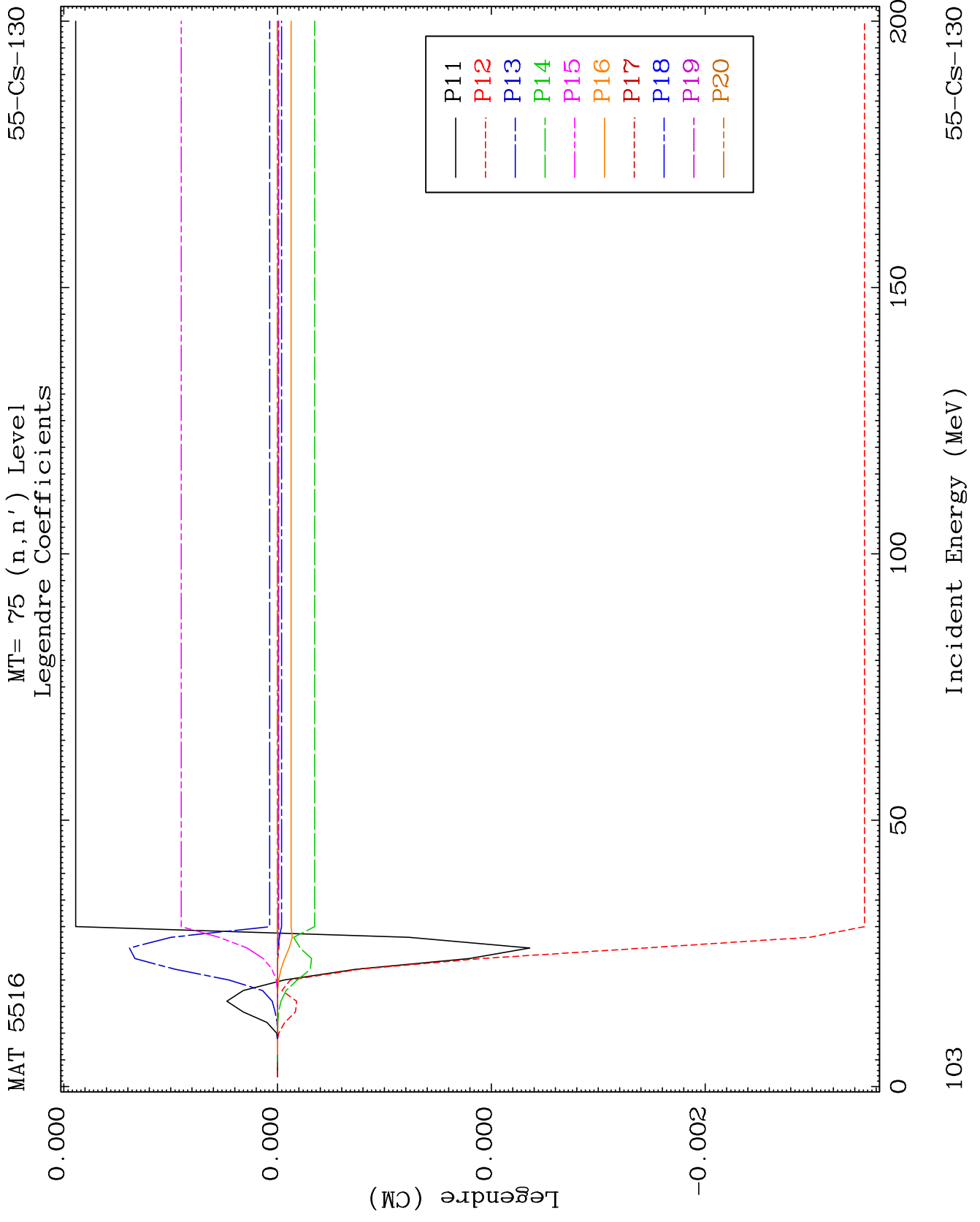


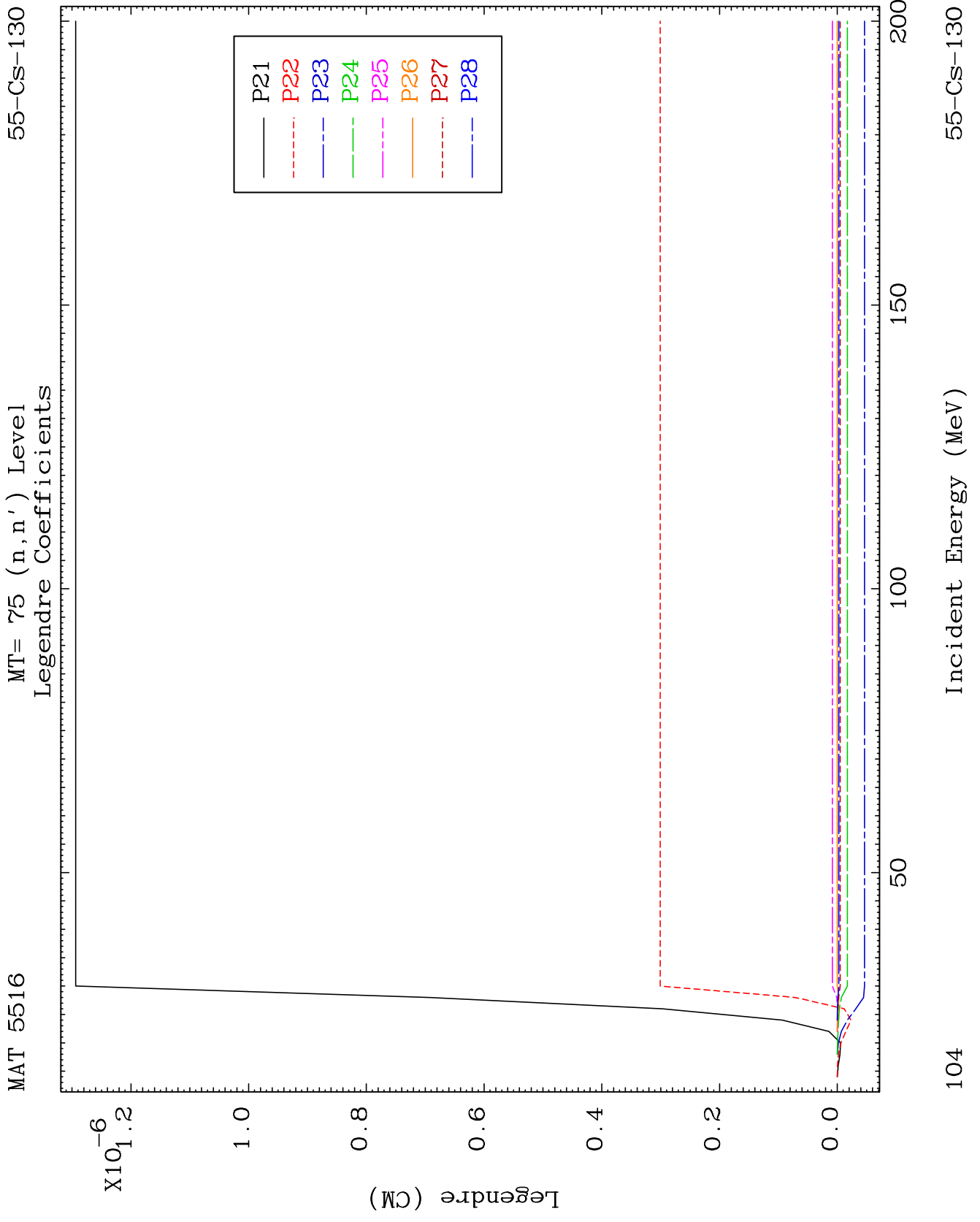
MAT 5516

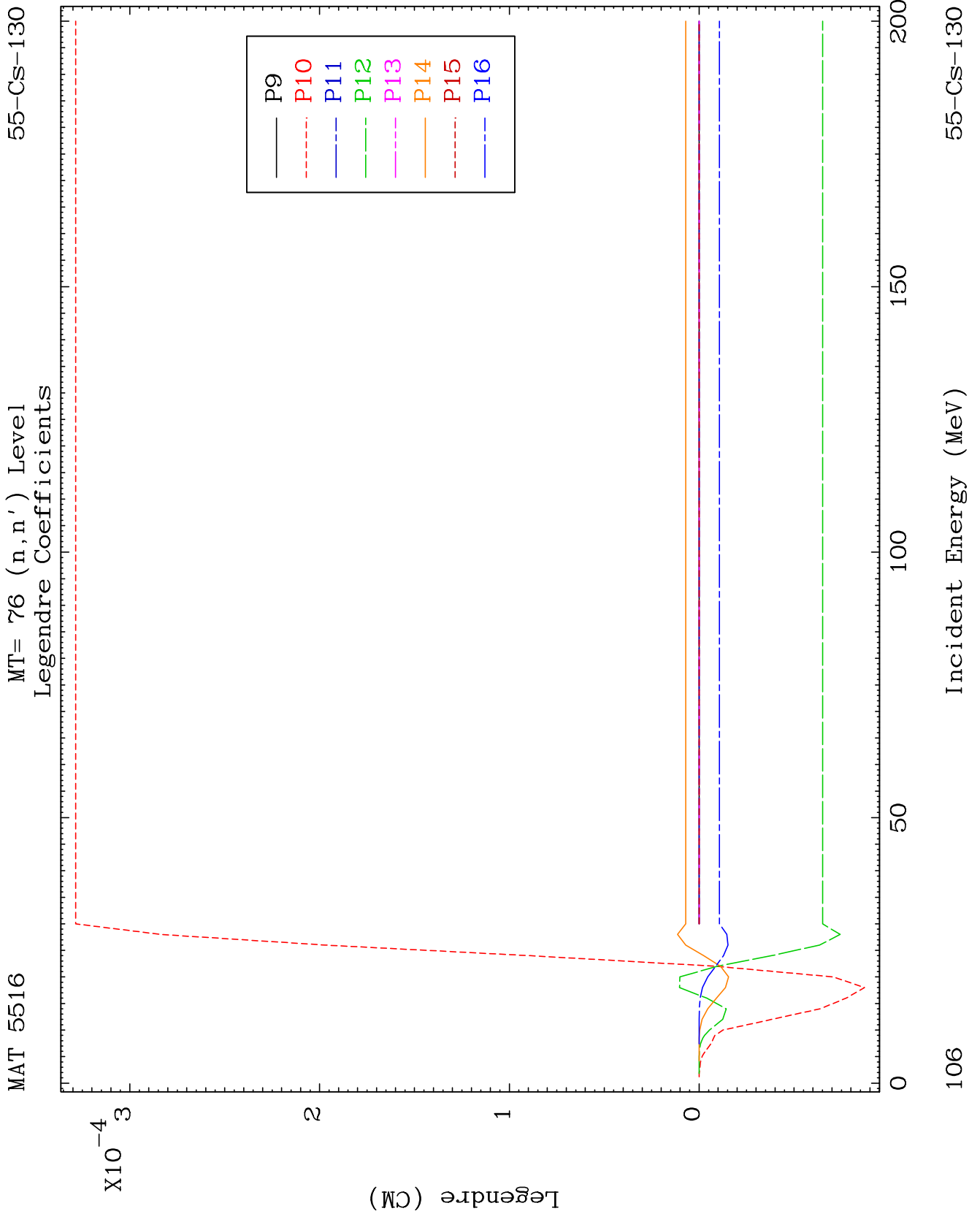
MT= 75 (n,n') Level
Legendre Coefficients

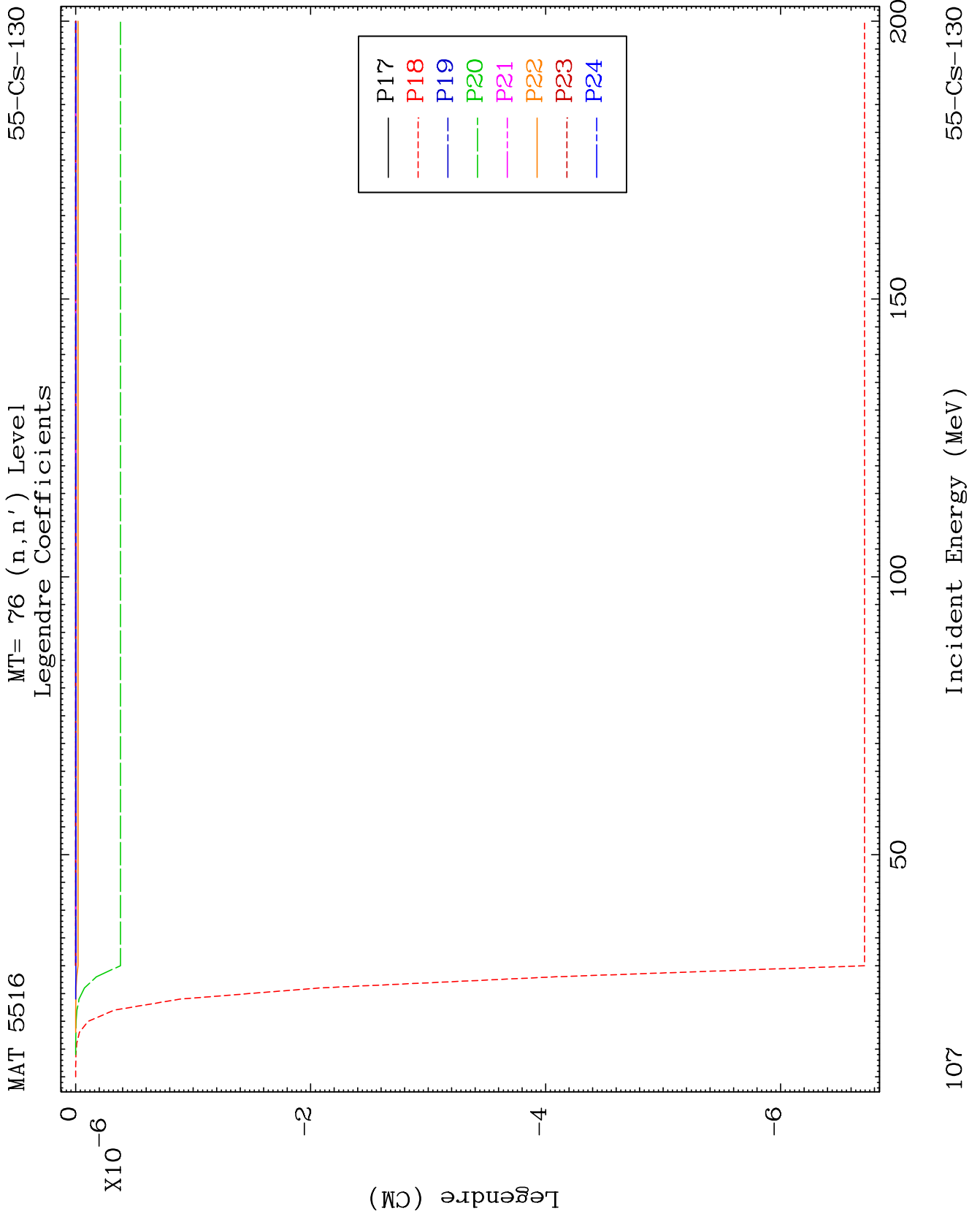
55-Cs-130







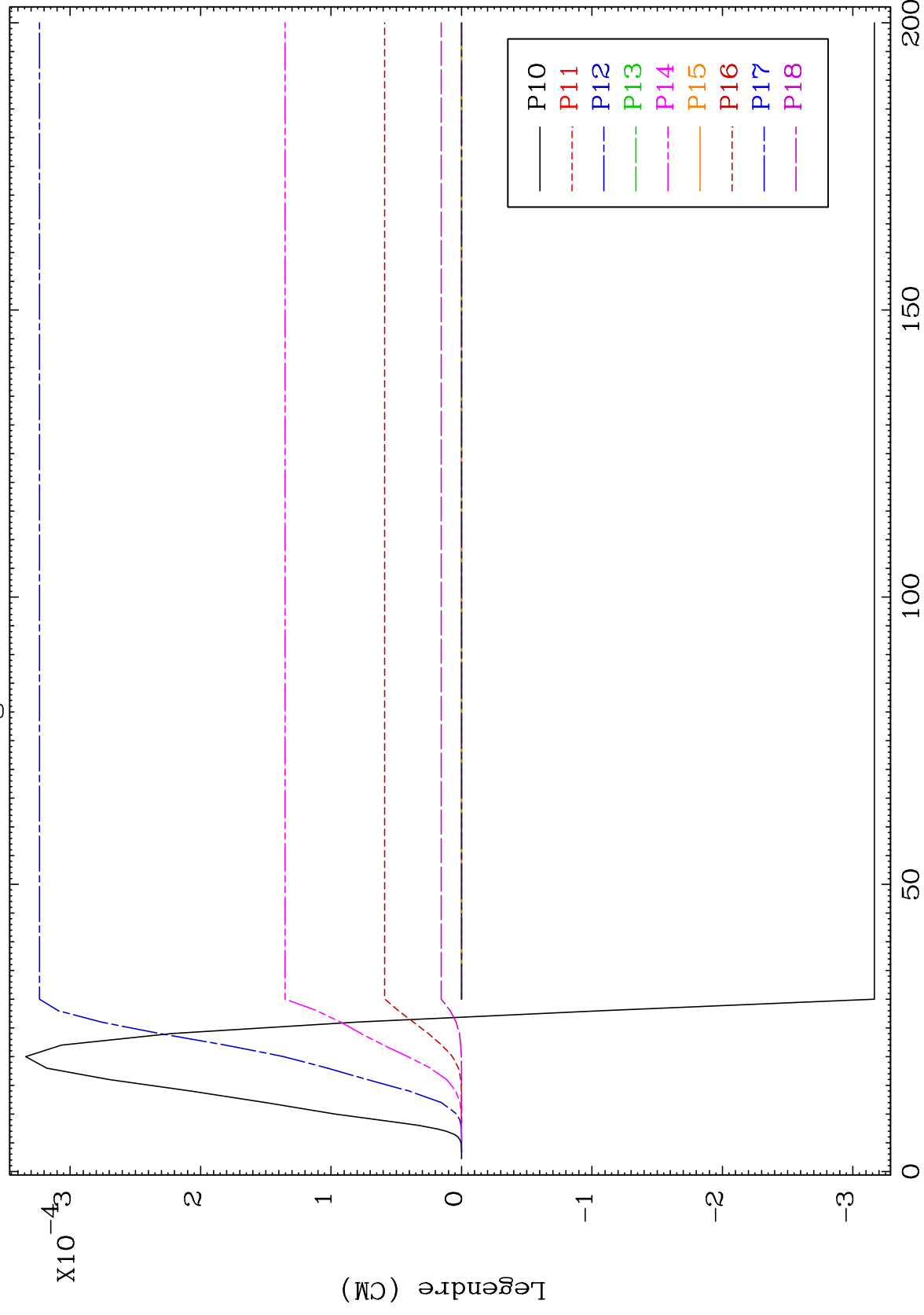




MAT 5516

MT= 77 (n,n') Level
Legendre Coefficients

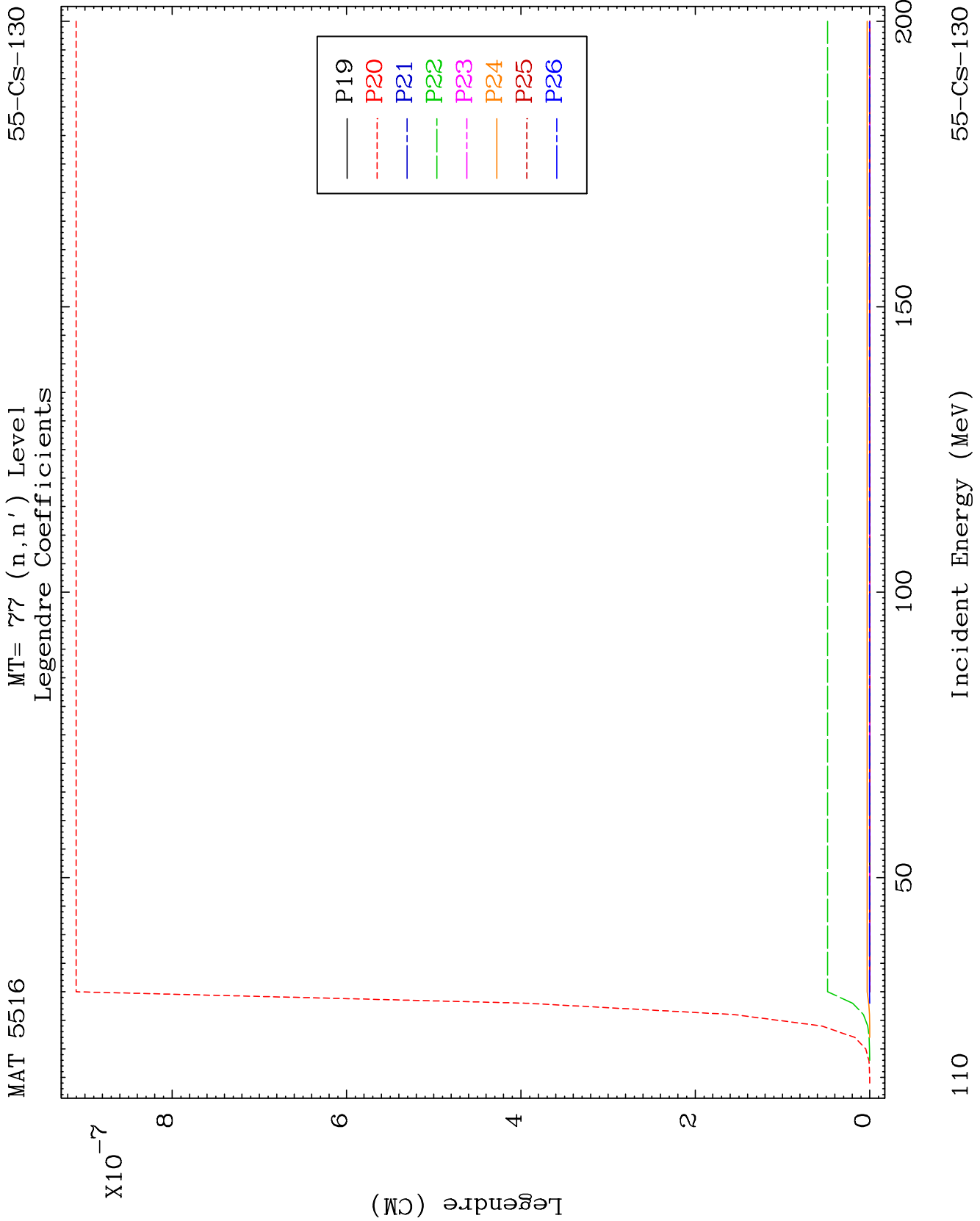
55-Cs-130



109

Incident Energy (MeV)

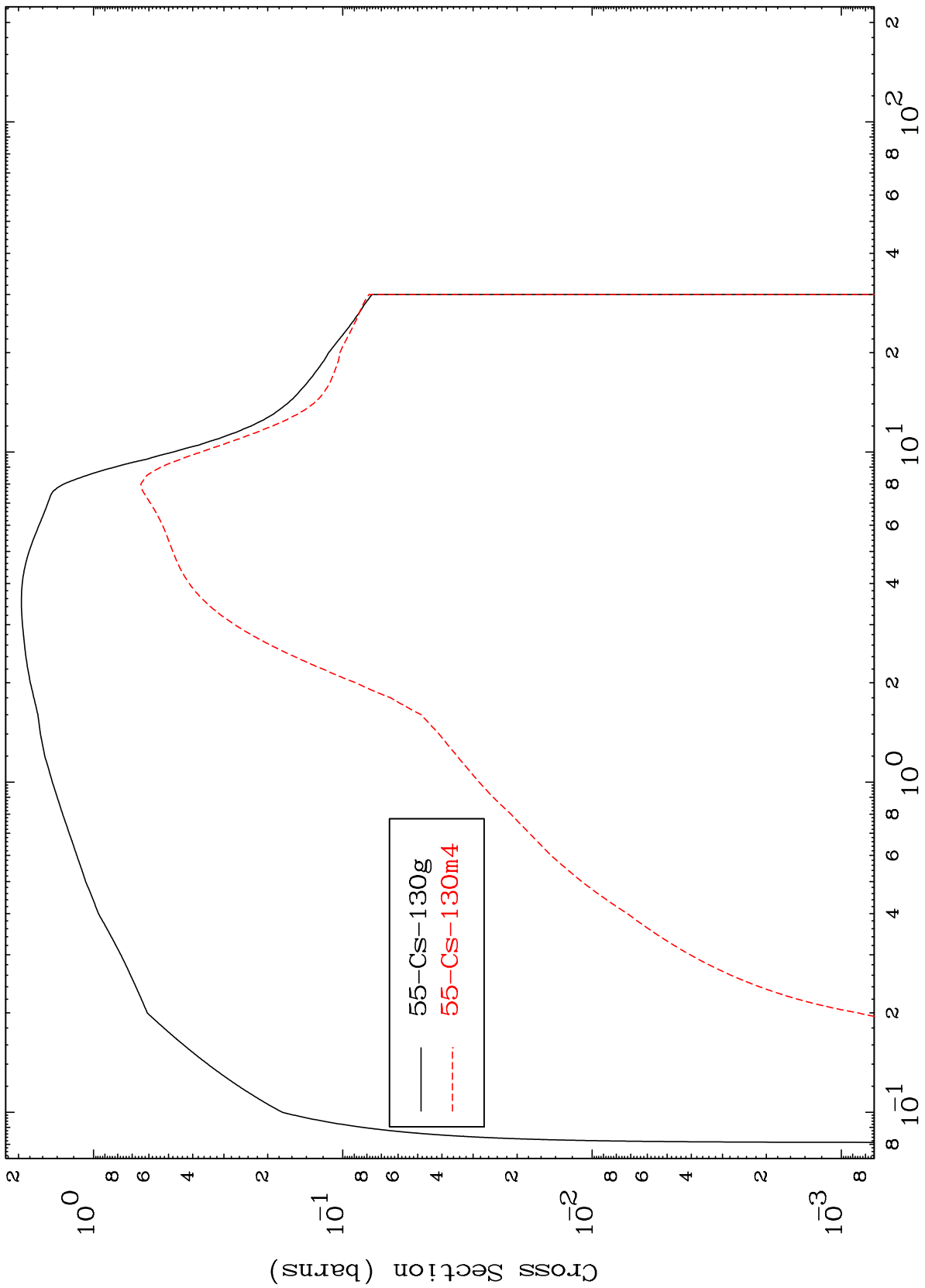
55-Cs-130



MAT 5516

55-Cs-130

Inelastic
Radionuclide Production Cross Section



111

Incident Energy (MeV)

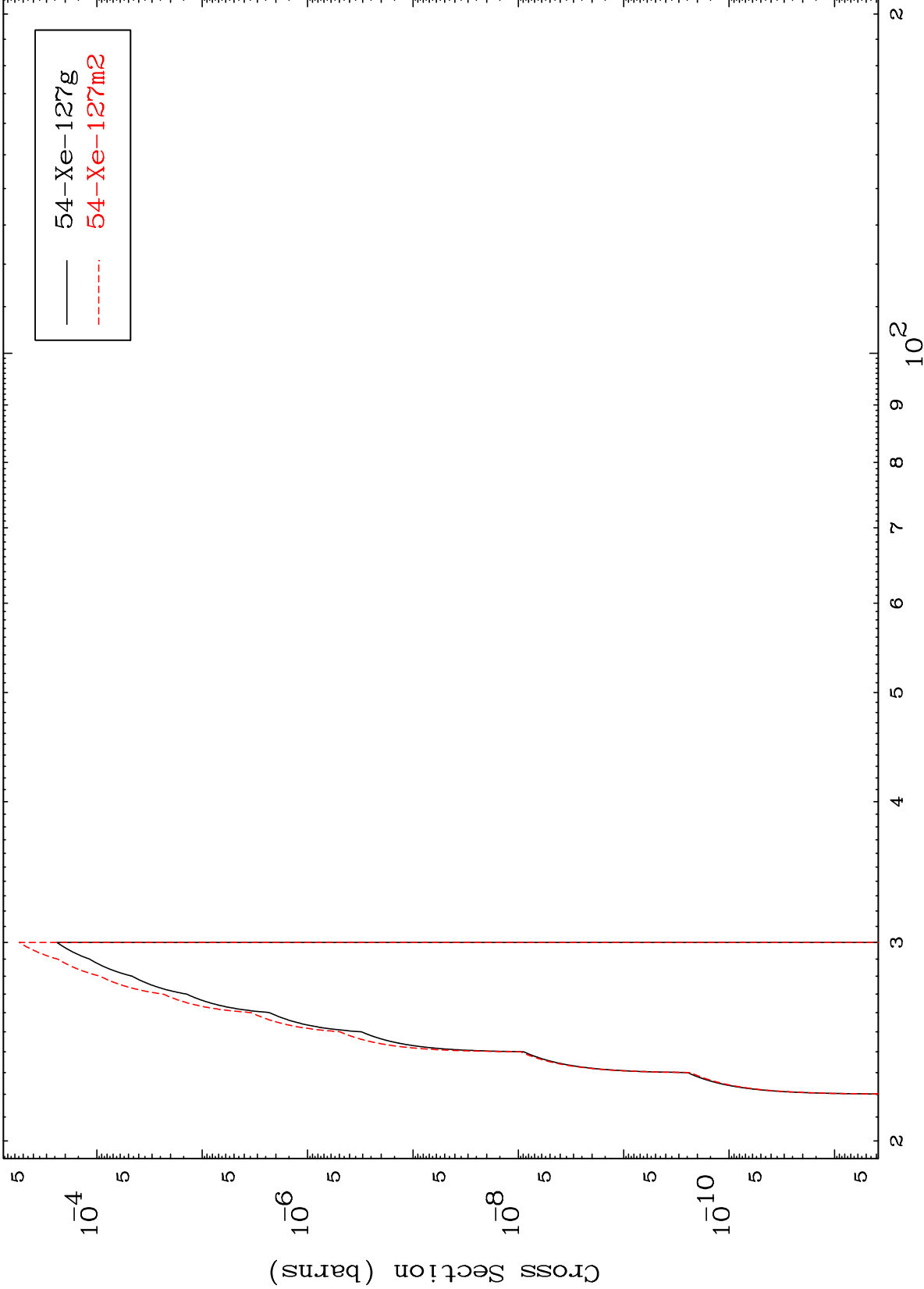
55-Cs-130

MAT 5516

(n,2n) d

55-Cs-130

Radionuclide Production Cross Section



112

Incident Energy (MeV)

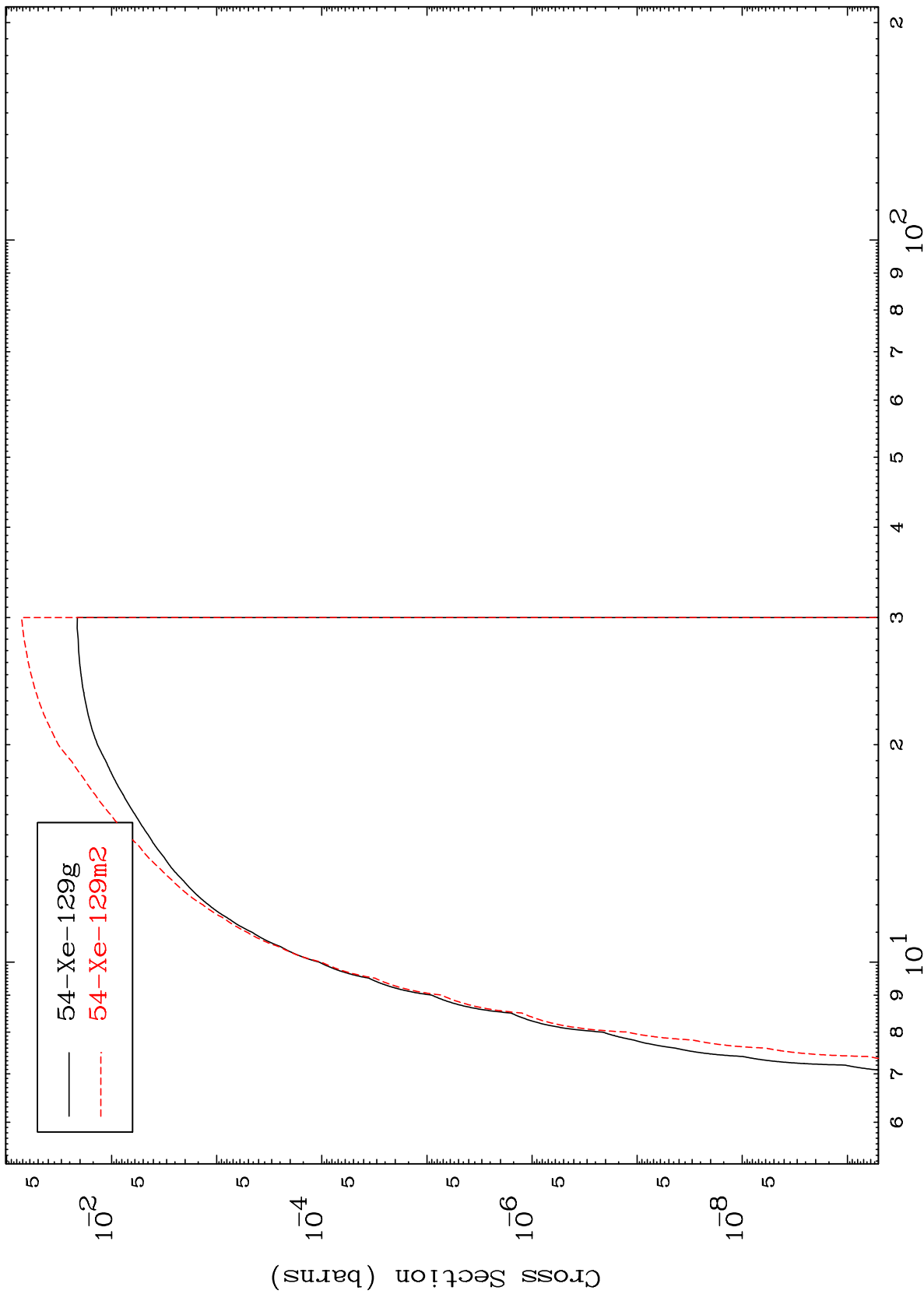
55-Cs-130

MAT 5516

(n,n') p

55-Cs-130

Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

113

Incident Energy (MeV)

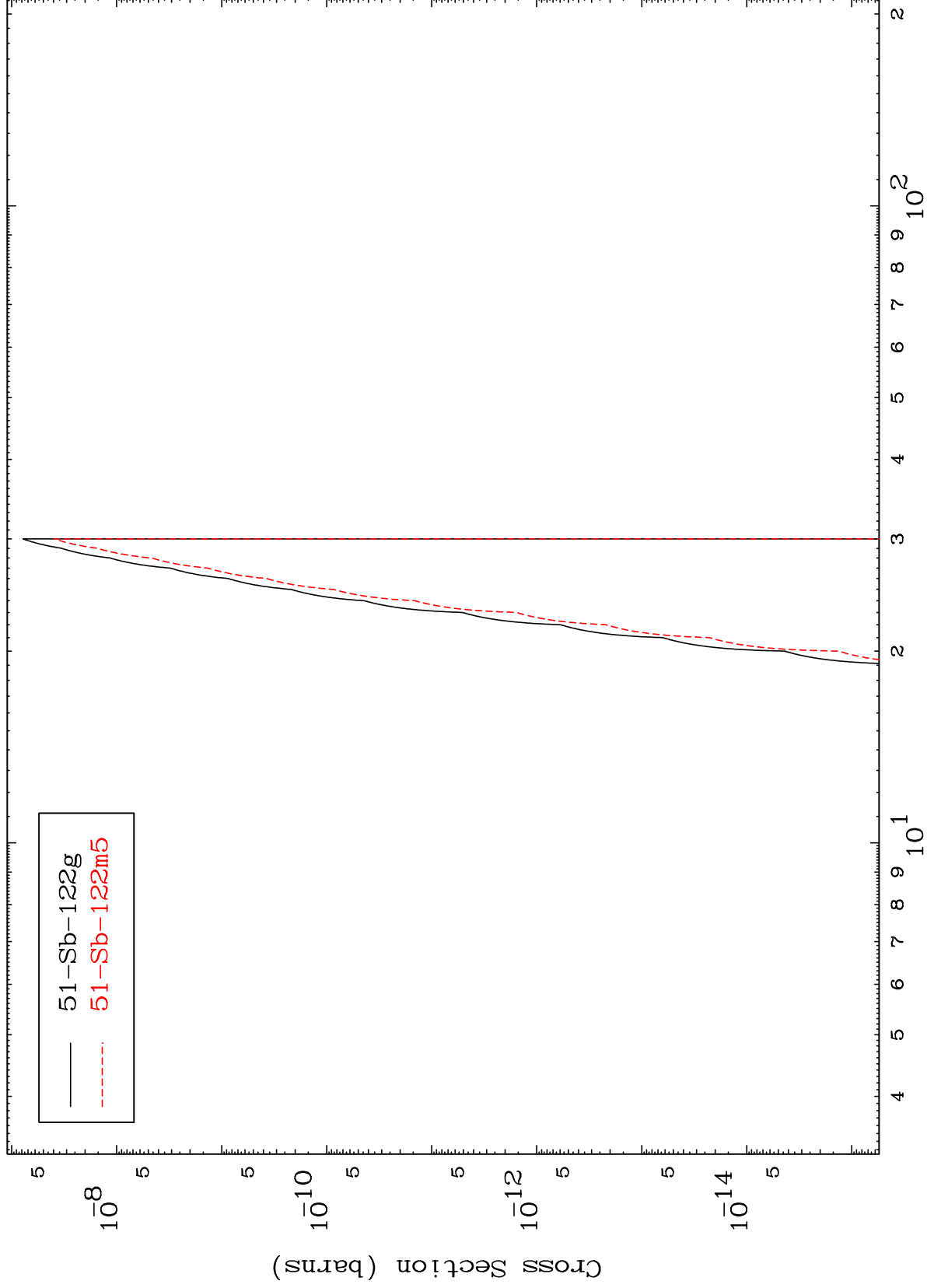
55-Cs-130

MAT 5516

(n,n') 2α

55-Cs-130

Radionuclide Production Cross Section



114

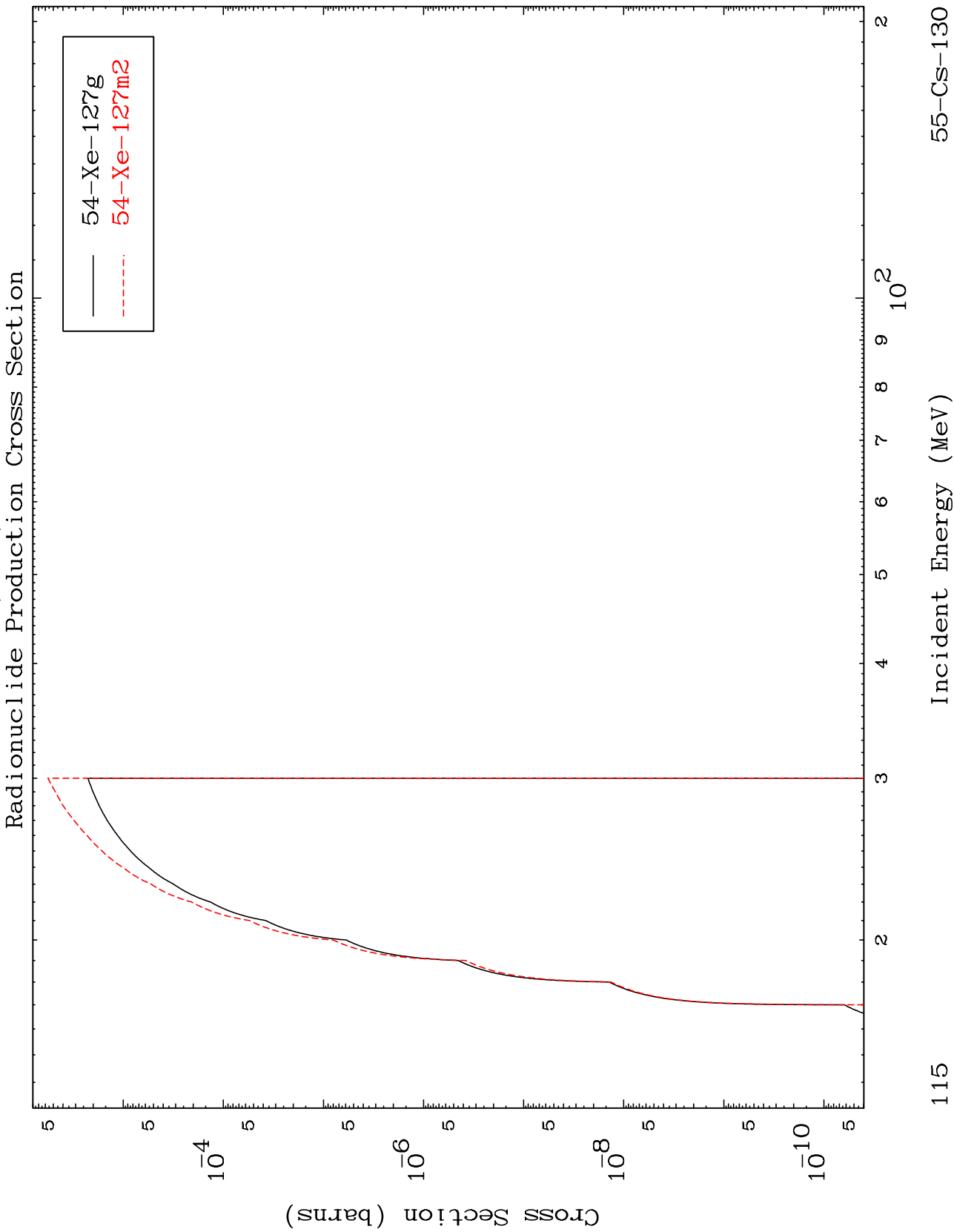
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,n') t

55-Cs-130



115

Incident Energy (MeV)

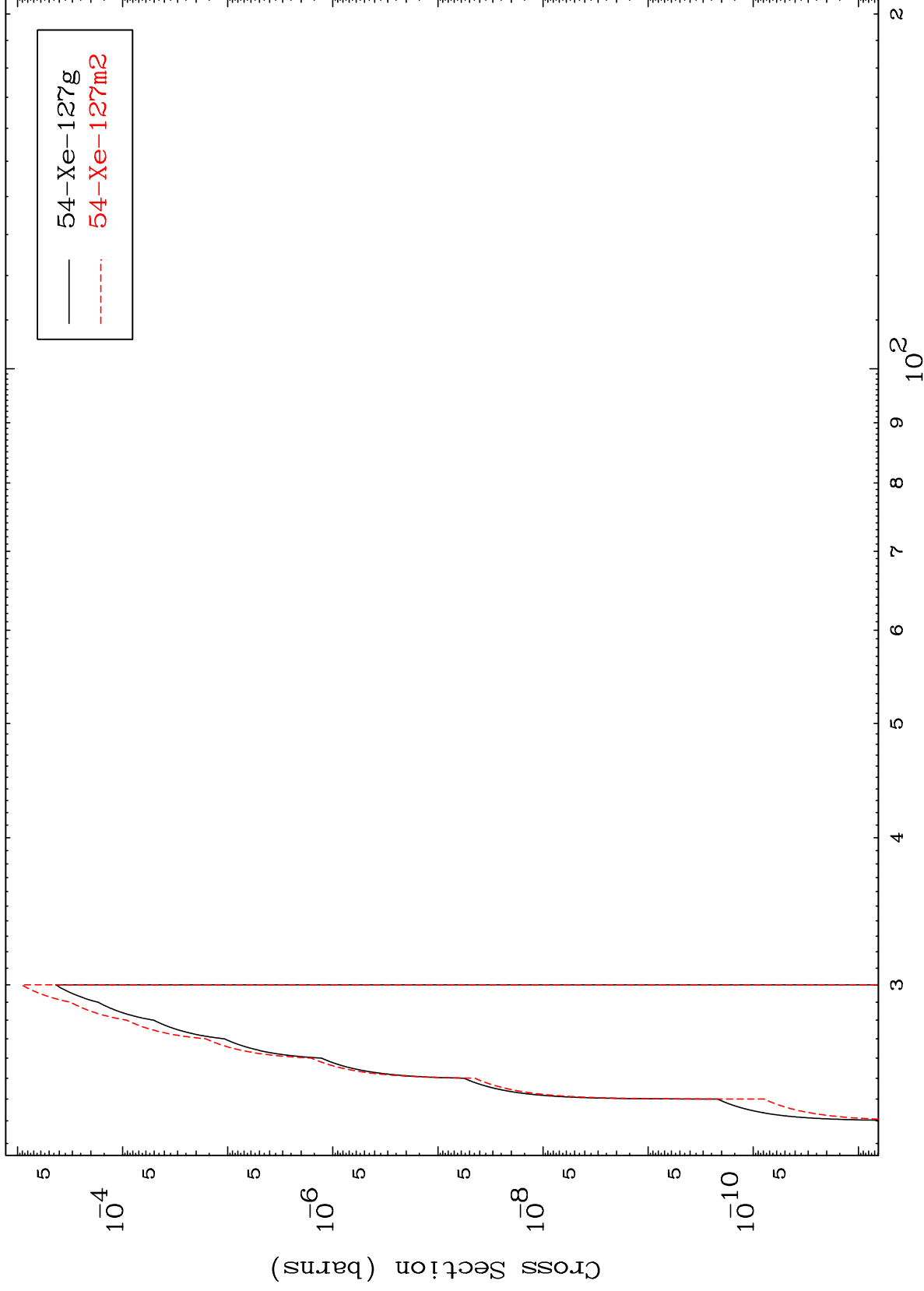
55-Cs-130

MAT 5516

(n,3n) p

55-Cs-130

Radionuclide Production Cross Section



116

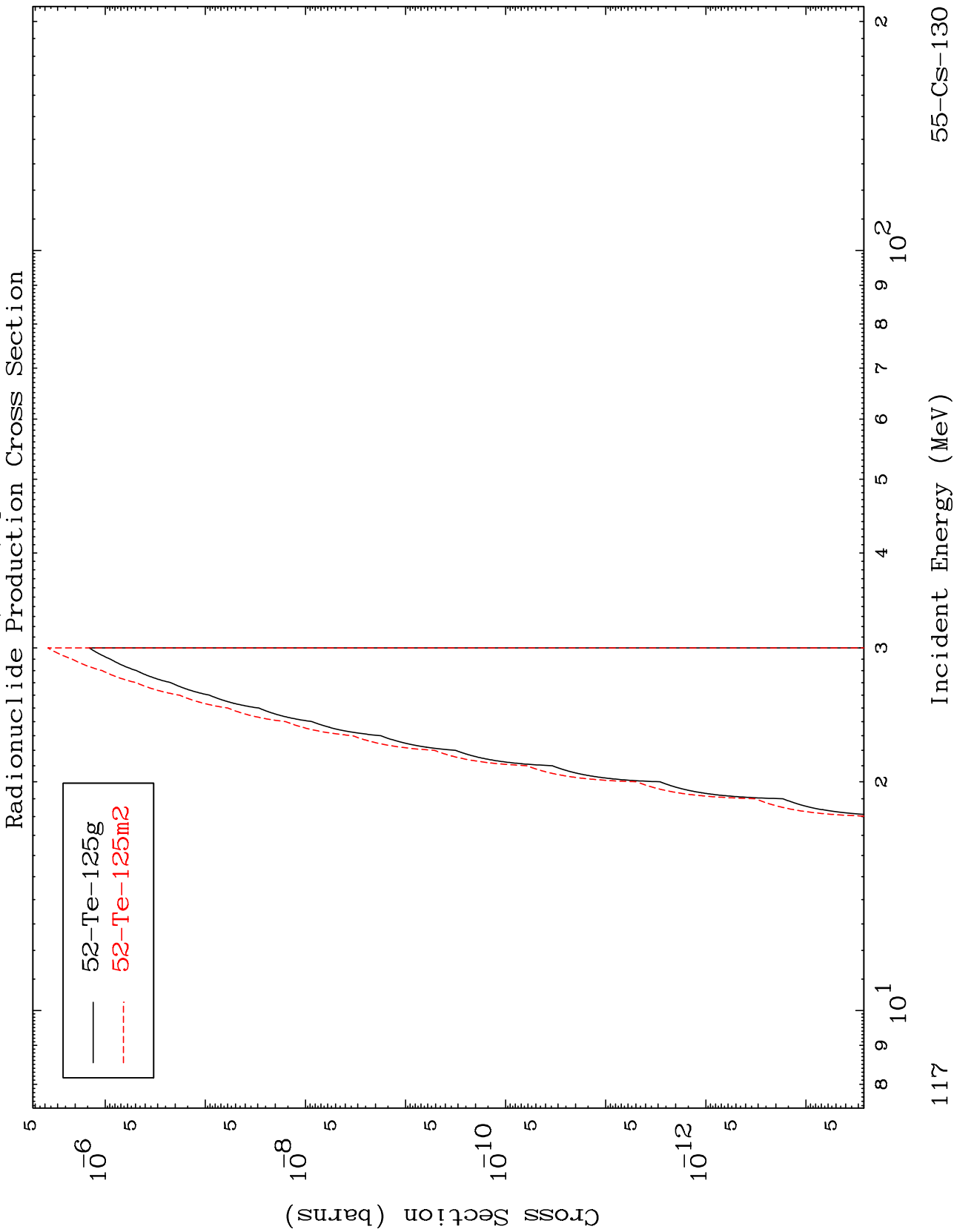
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,n') p α

55-Cs-130



117

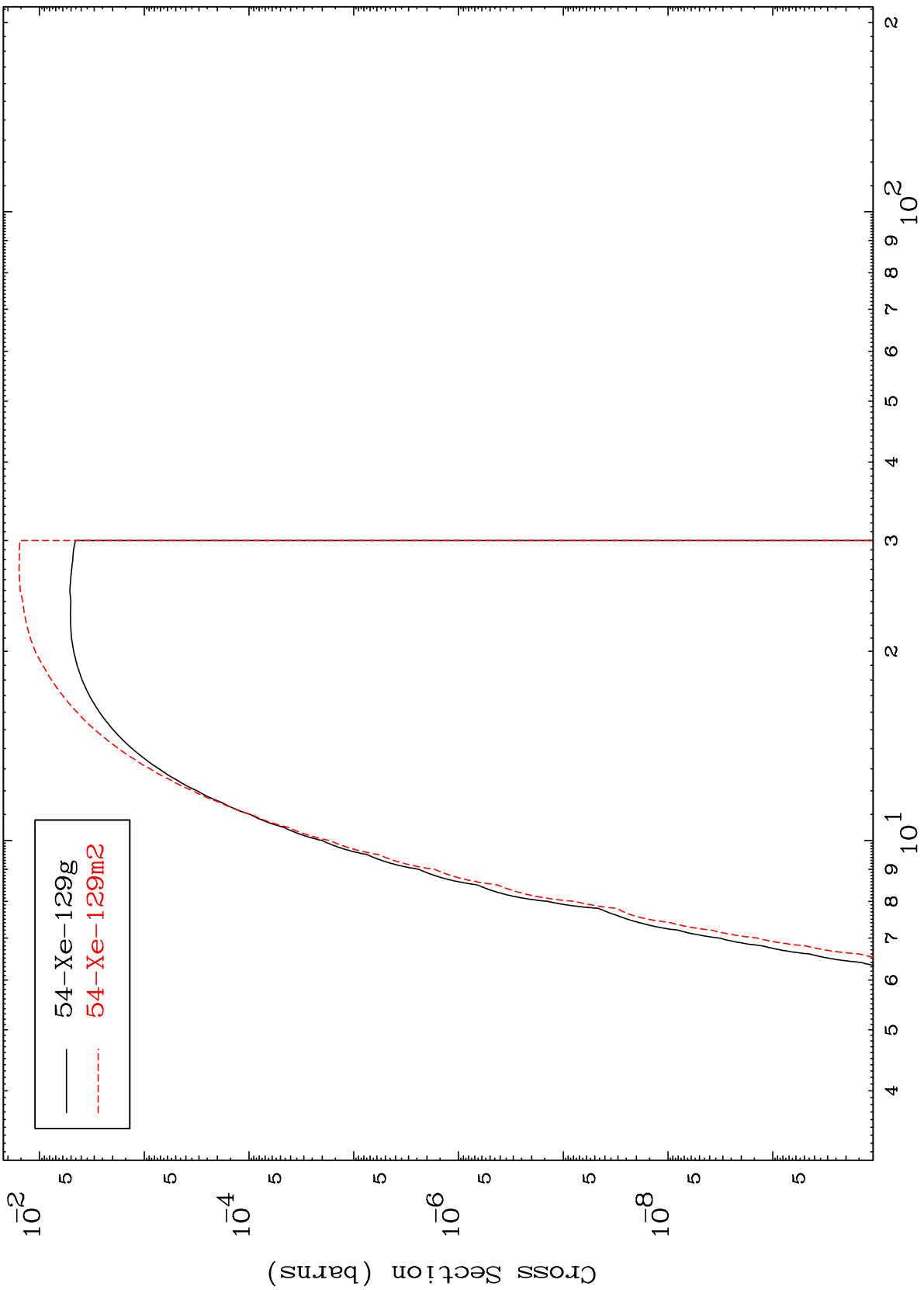
Incident Energy (MeV)

55-Cs-130

MAT 5516

55-Cs-130

(n,d)
Radionuclide Production Cross Section



118

Incident Energy (MeV)

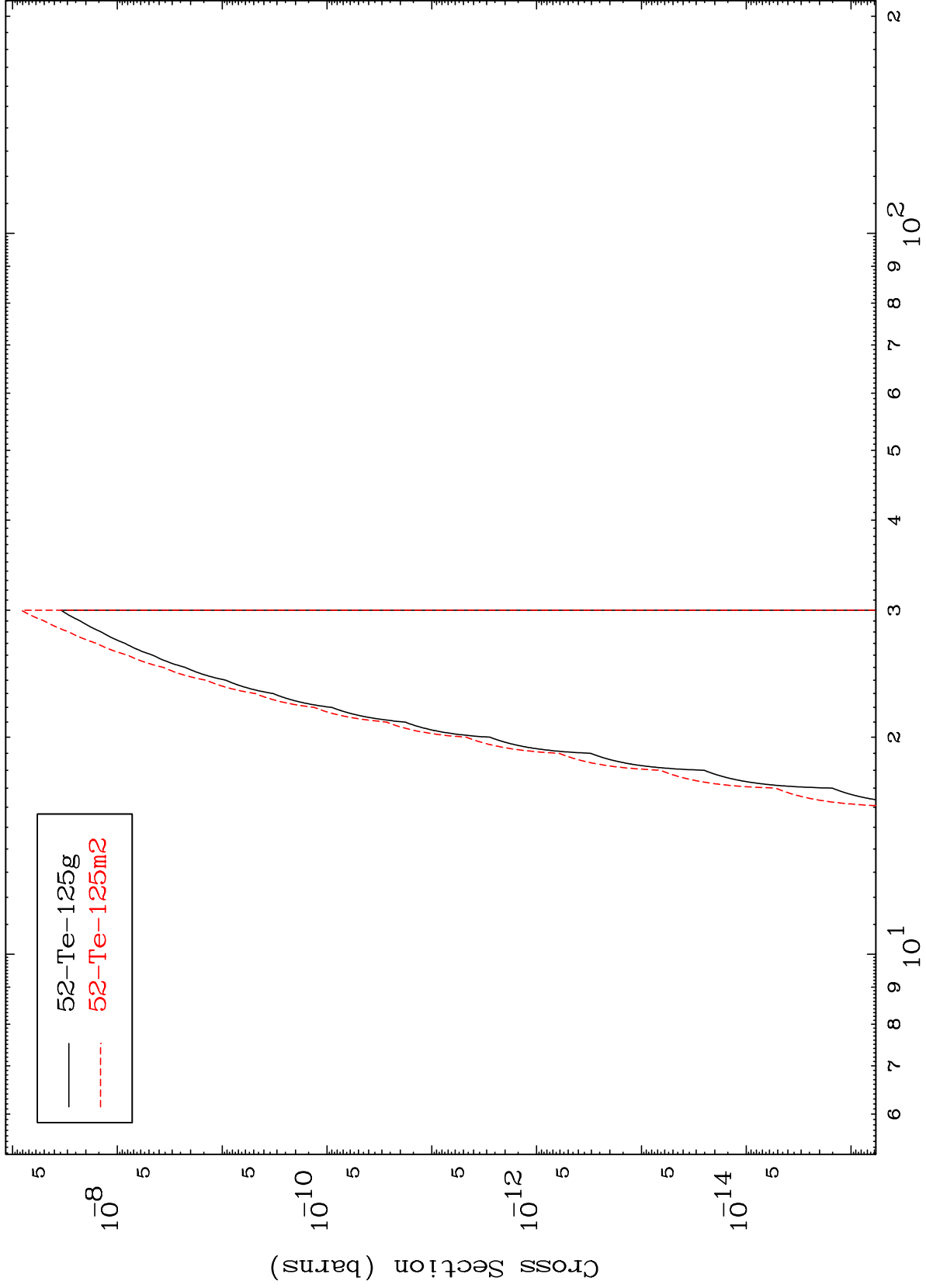
55-Cs-130

MAT 5516

(n,d) α

55-Cs-130

Radionuclide Production Cross Section



119

Incident Energy (MeV)

55-Cs-130