

Program EVALPLOT
(Version 2018-1)

by

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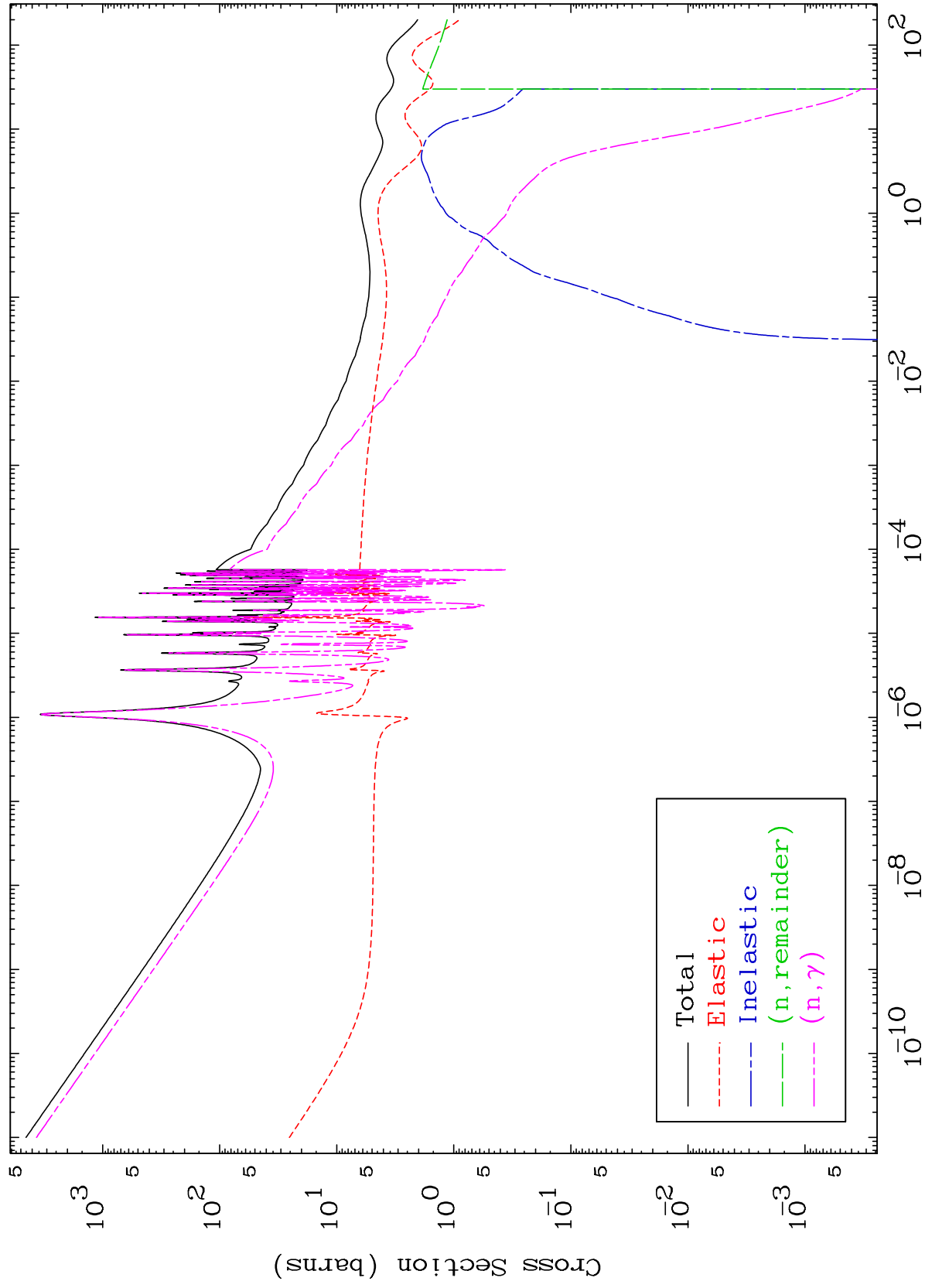
Press Mouse Button to Start

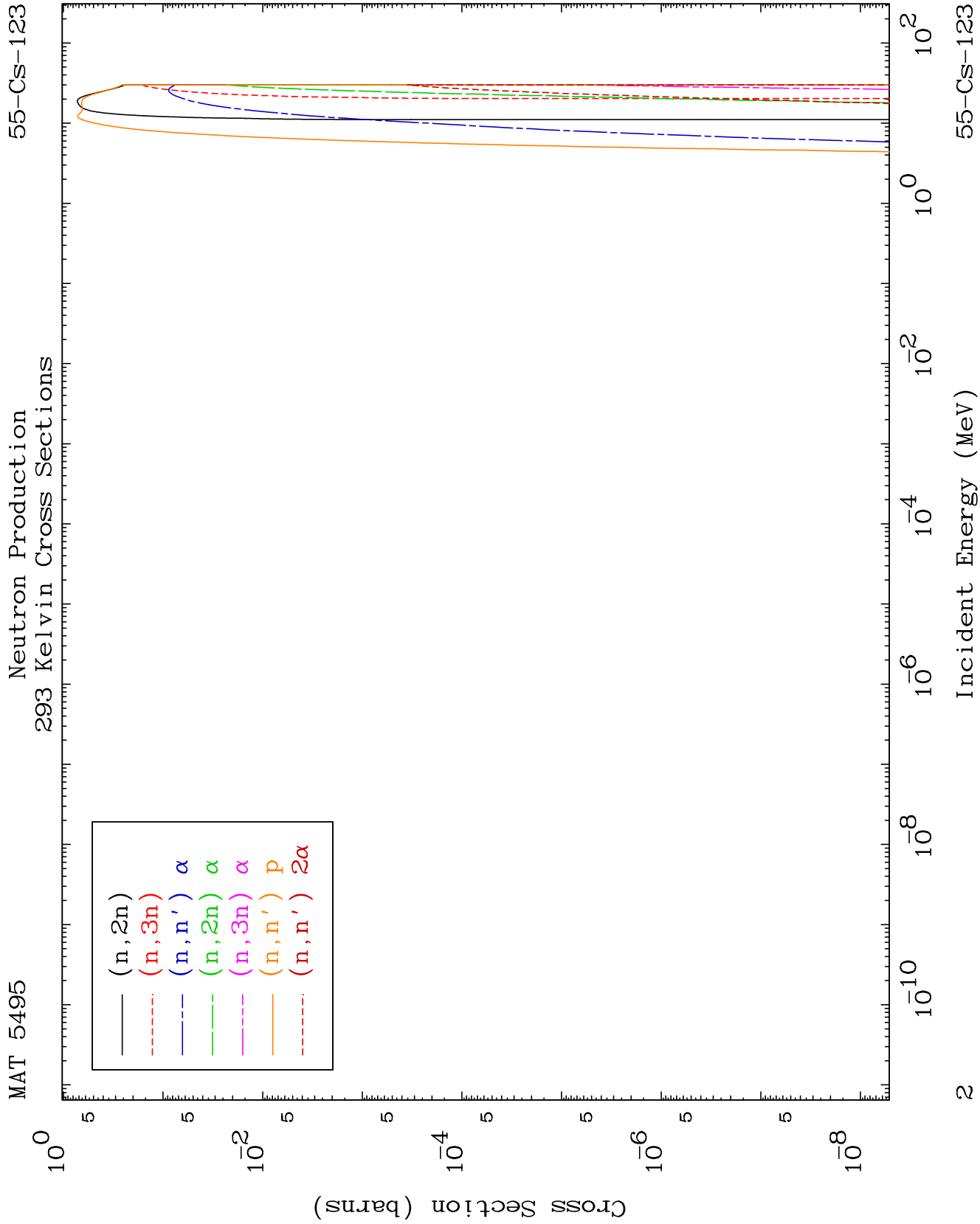
MAT 5495

Major

293 Kelvin Cross Sections

55-Cs-123

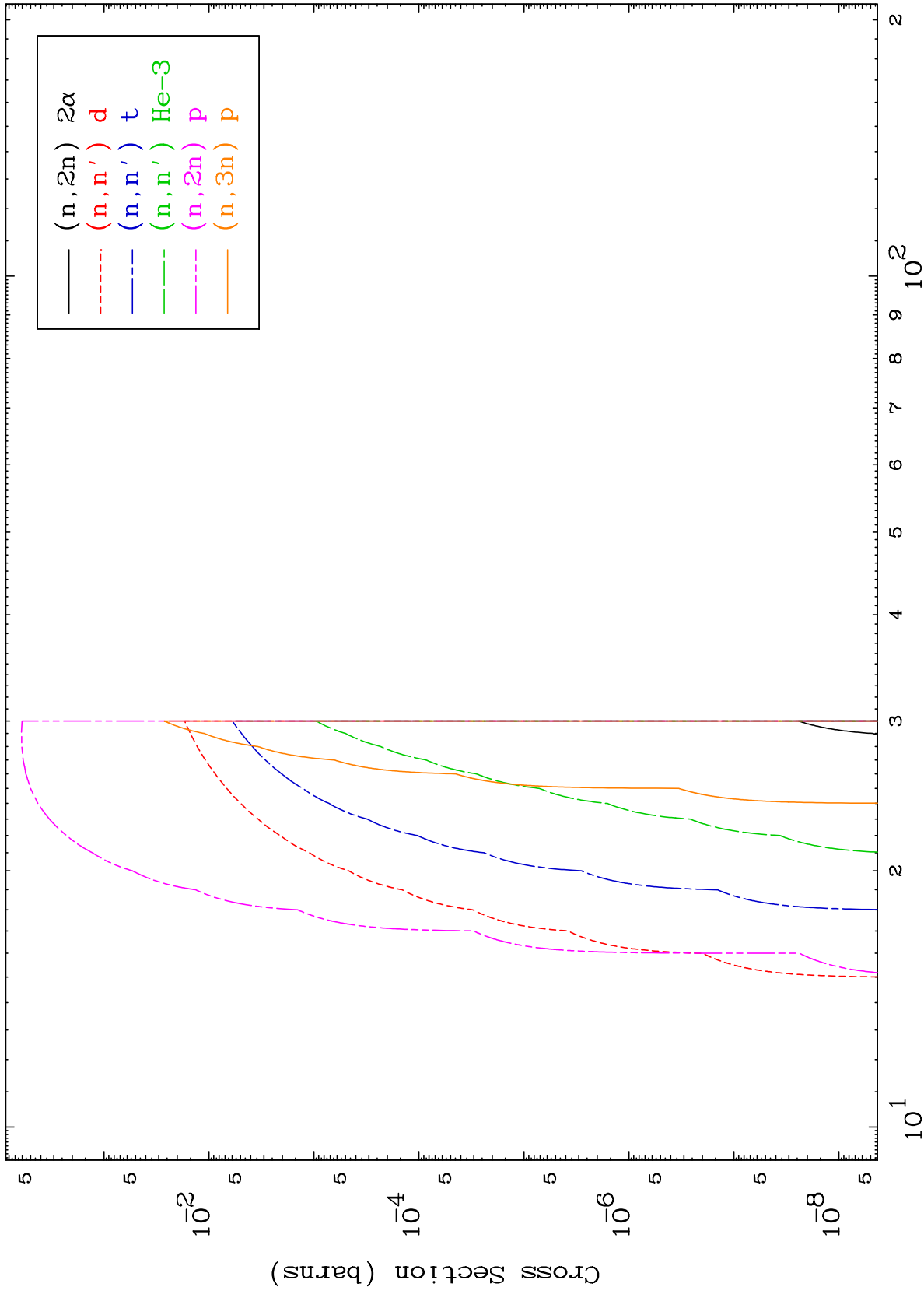




MAT 5495

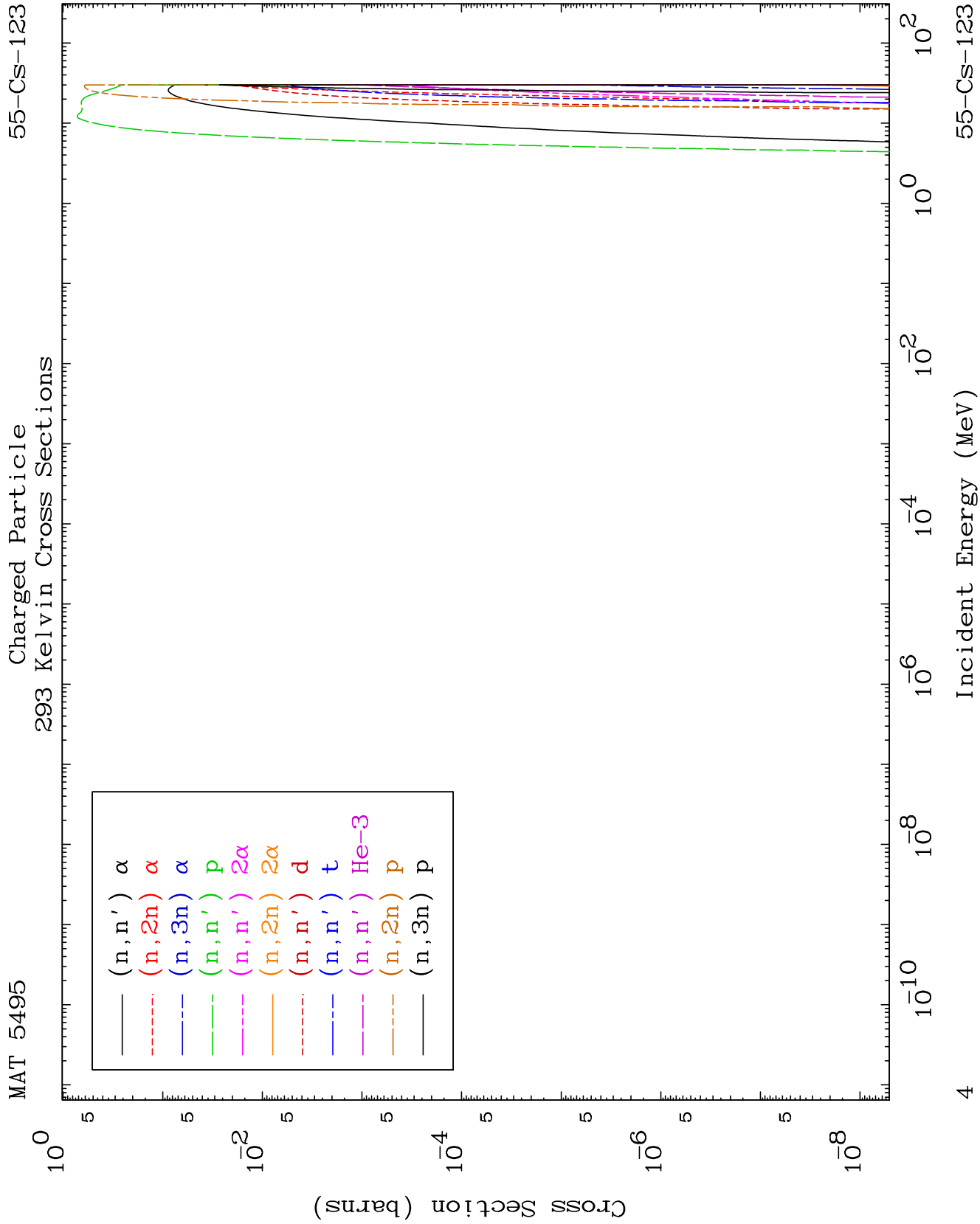
Neutron Production
293 Kelvin Cross Sections

55-Cs-123



Incident Energy (MeV)

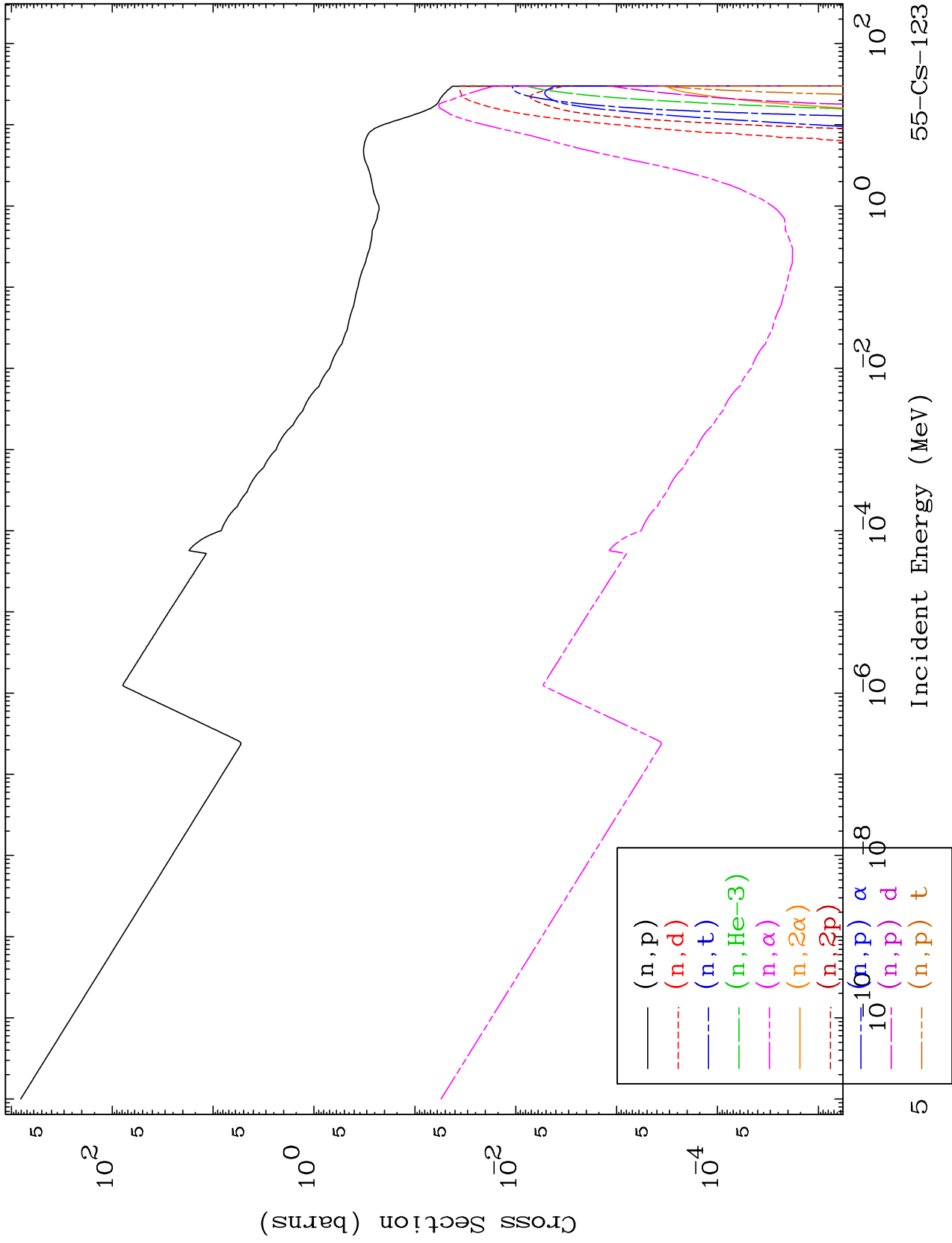
55-Cs-123



MAT 5495

Charged Particle
293 Kelvin Cross Sections

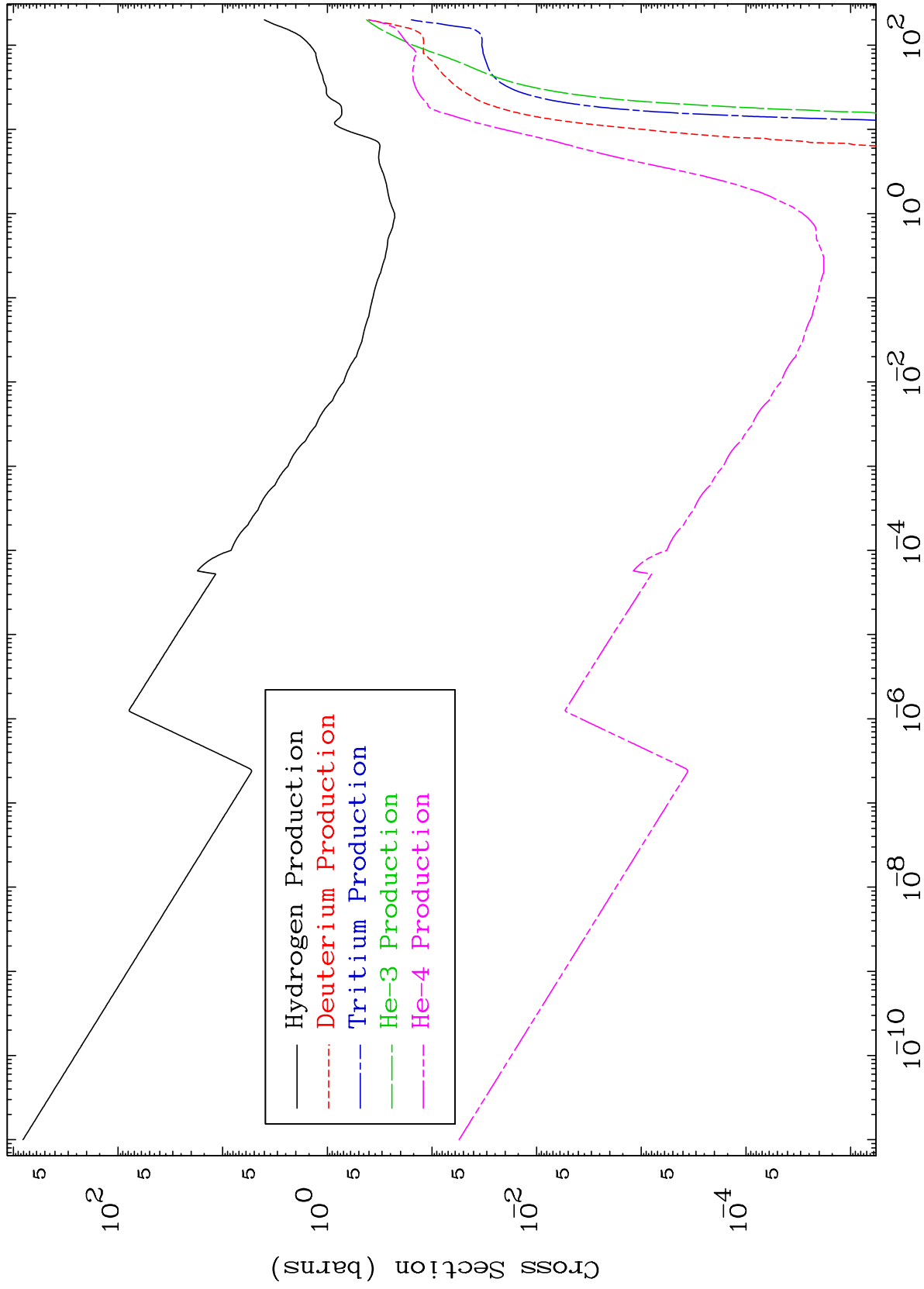
55-Cs-123



MAT 5495

Particle Production
293 Kelvin Cross Sections

55-Cs-123



6

Incident Energy (MeV)

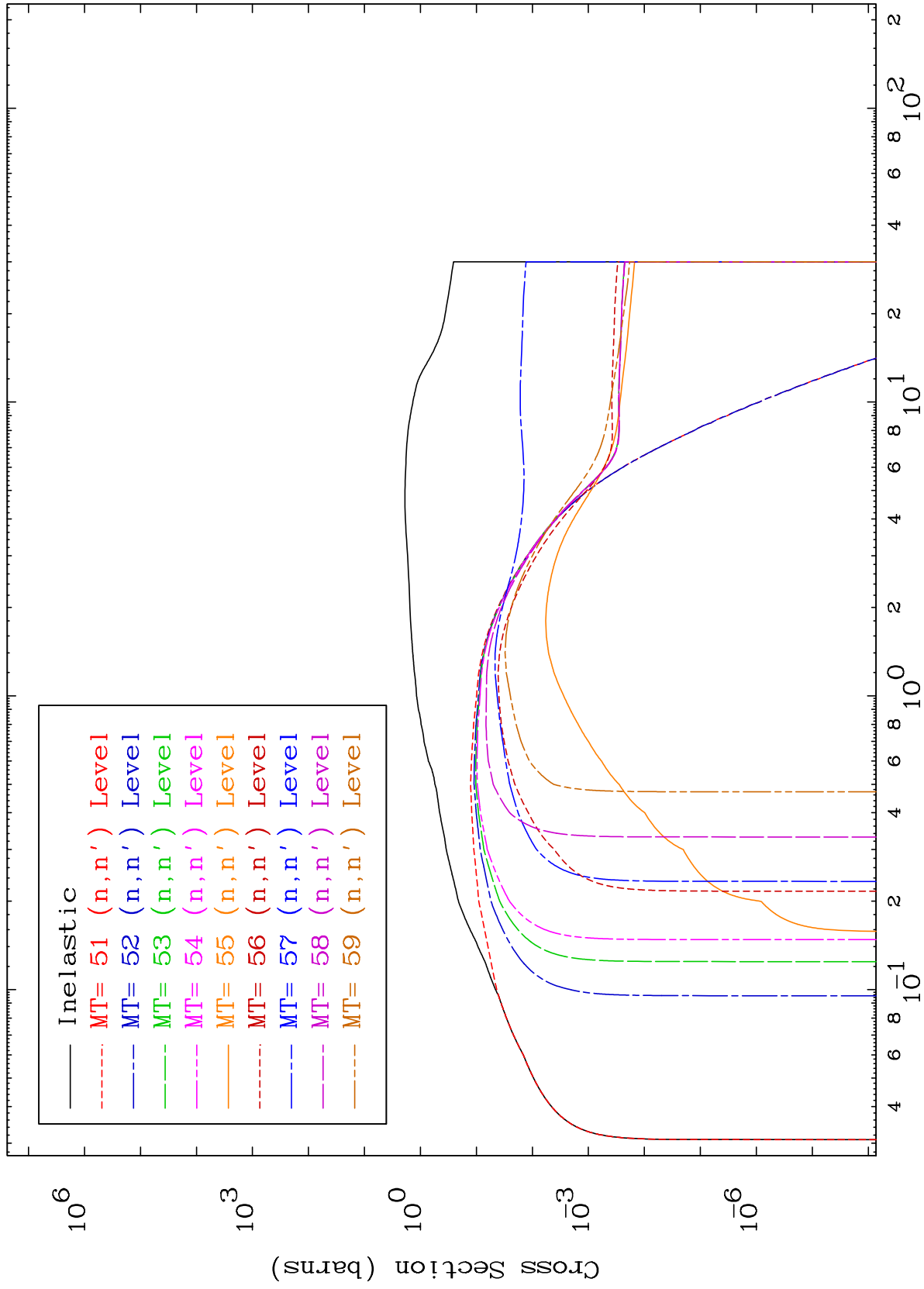
55-Cs-123

MAT 5495

(n,n') Level

55-Cs-123

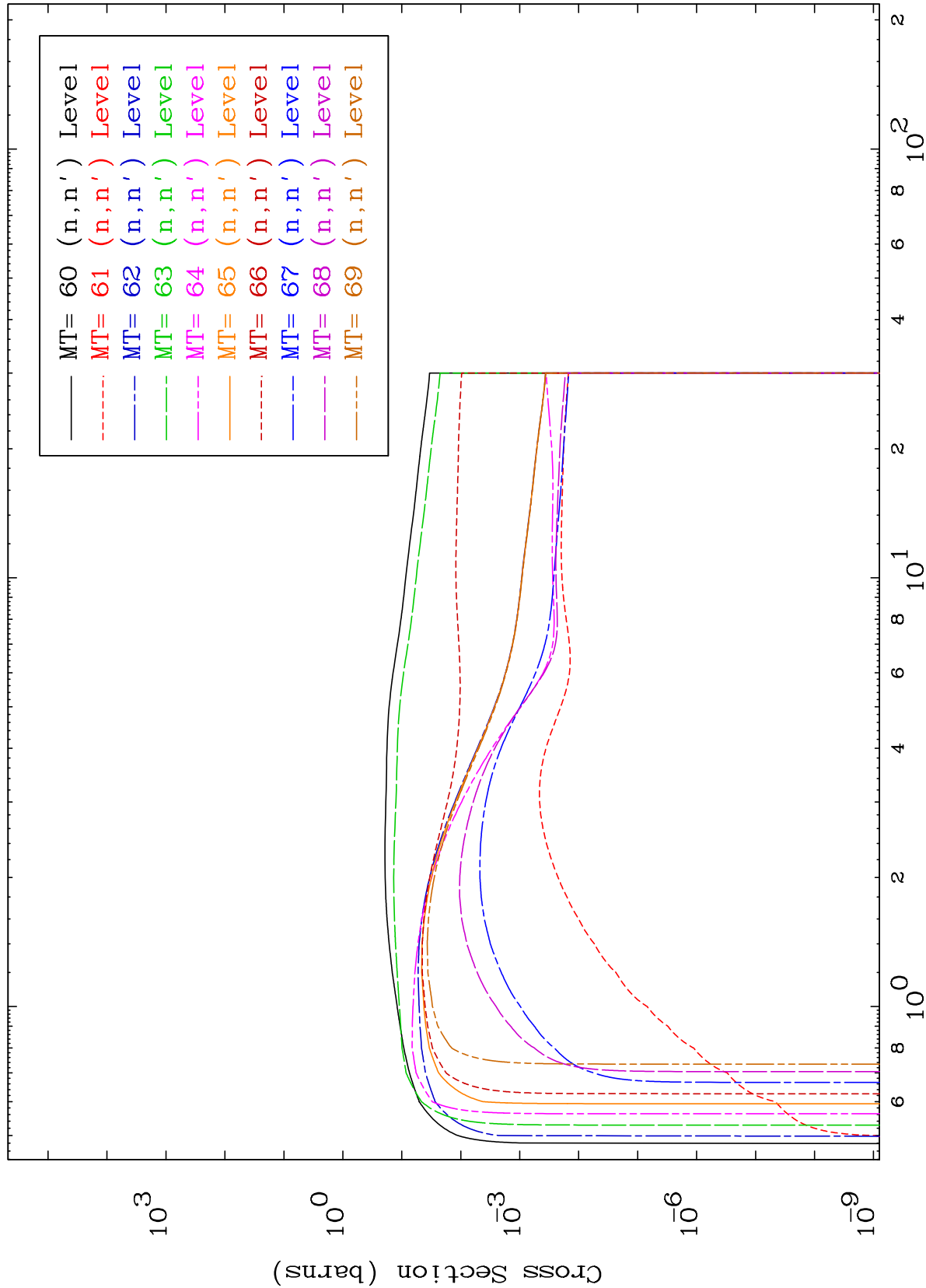
293 Kelvin Cross Sections



MAT 5495

(n,n') Level
293 Kelvin Cross Sections

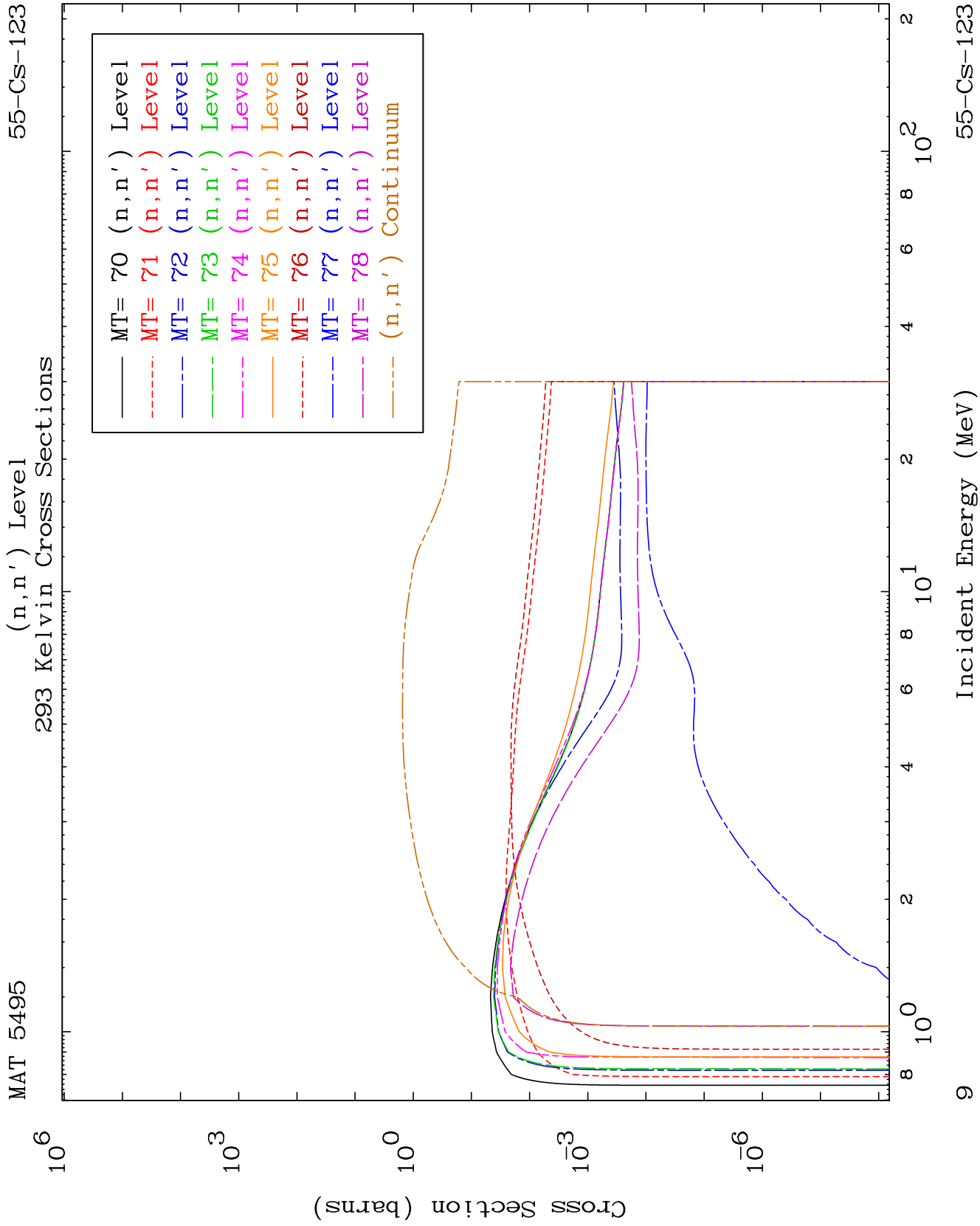
55-Cs-123



8

Incident Energy (MeV)

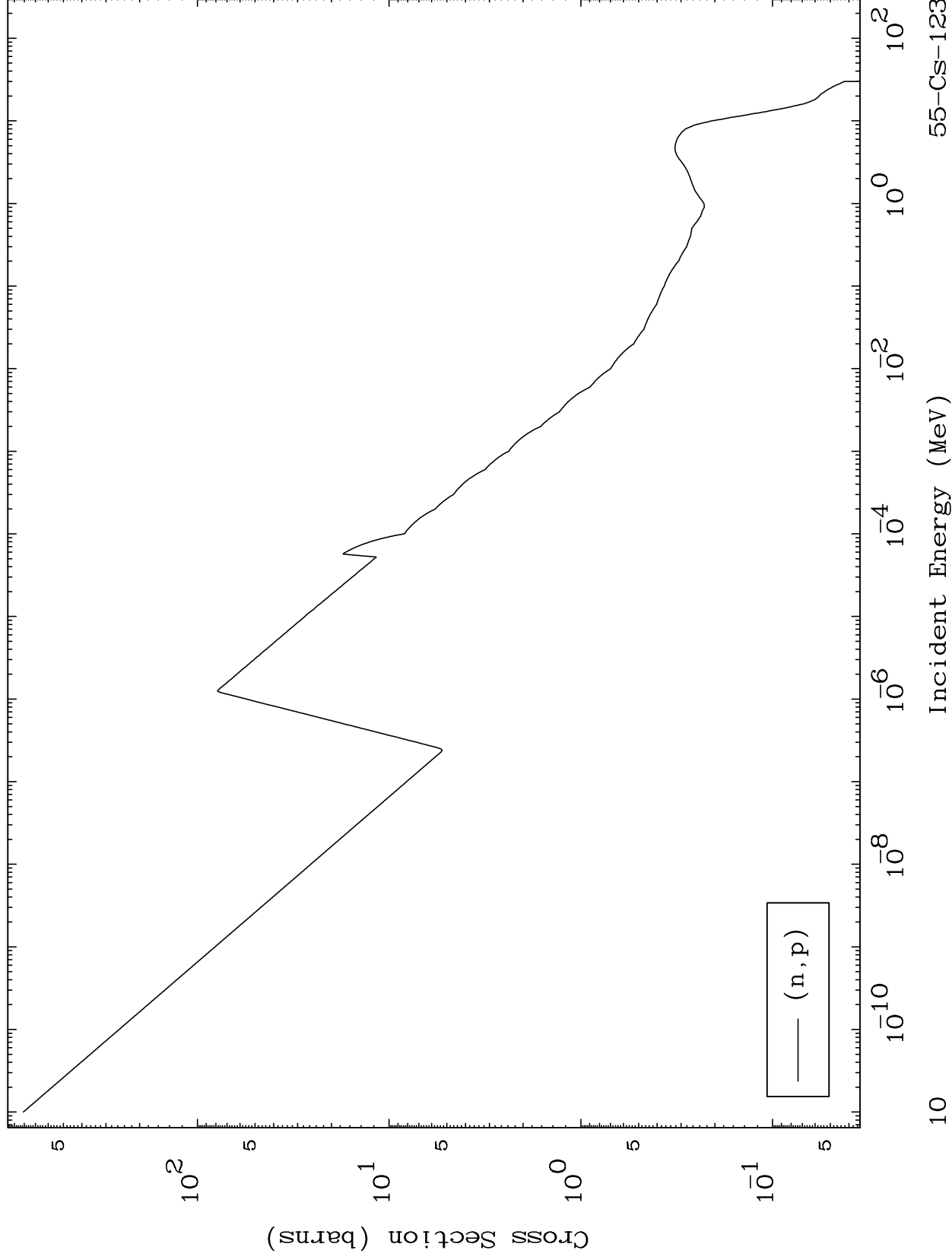
55-Cs-123



MAT 5495

(n,p) Levels
293 Kelvin Cross Sections

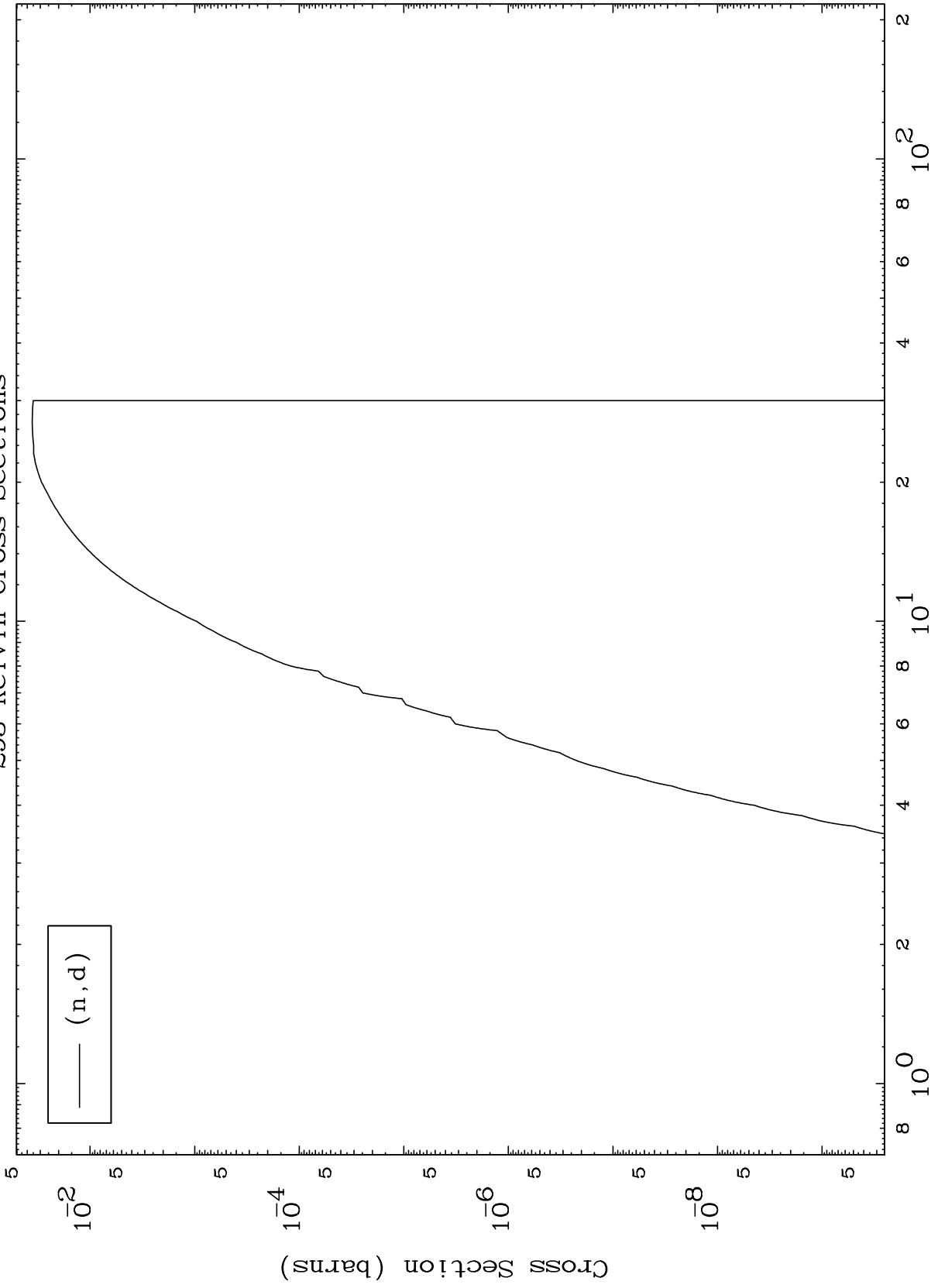
55-Cs-123



MAT 5495

55-Cs-123

(n,d) Levels
293 Kelvin Cross Sections



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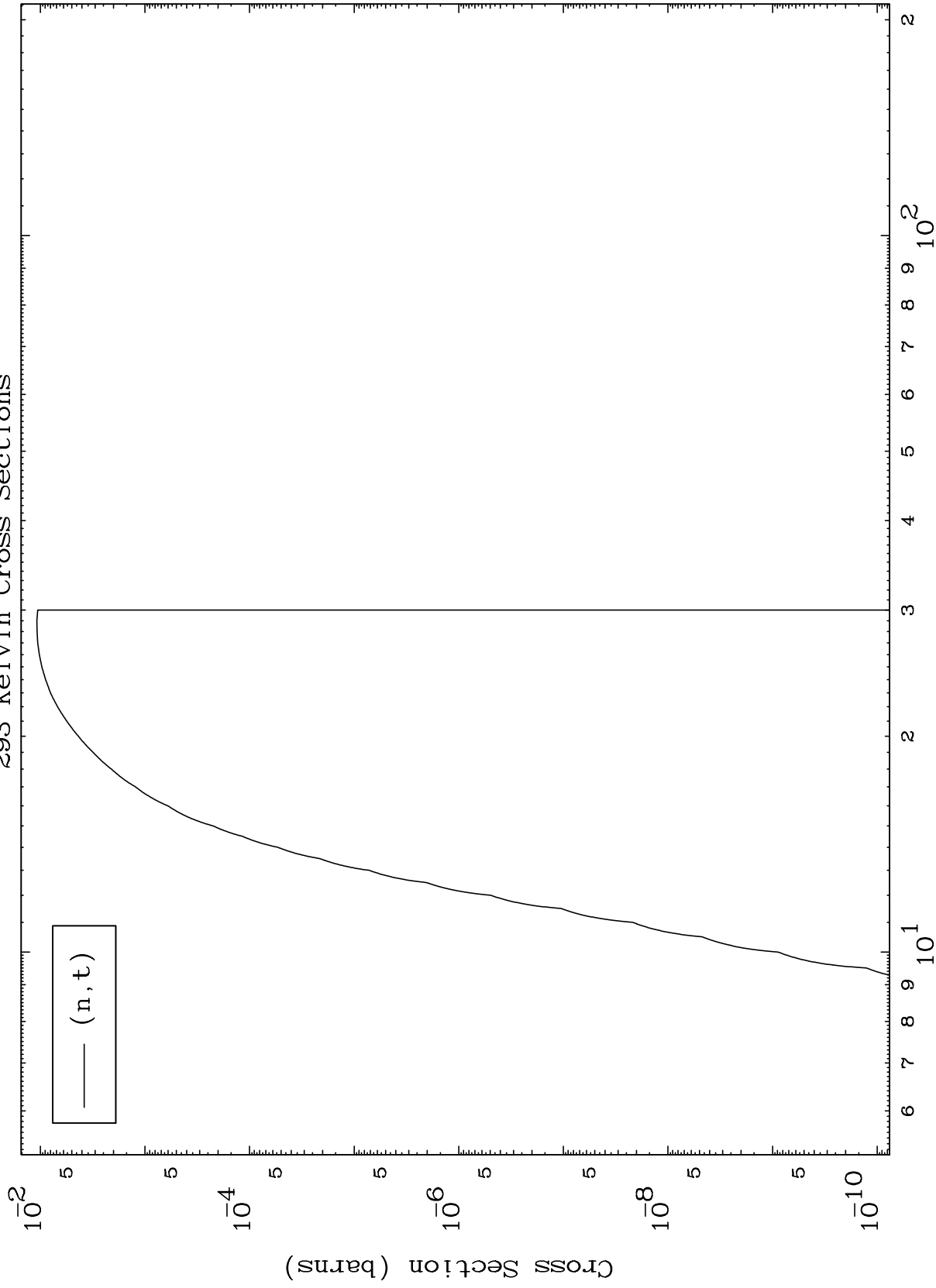
Incident Energy (MeV)

55-Cs-123

MAT 5495

55-Cs-123

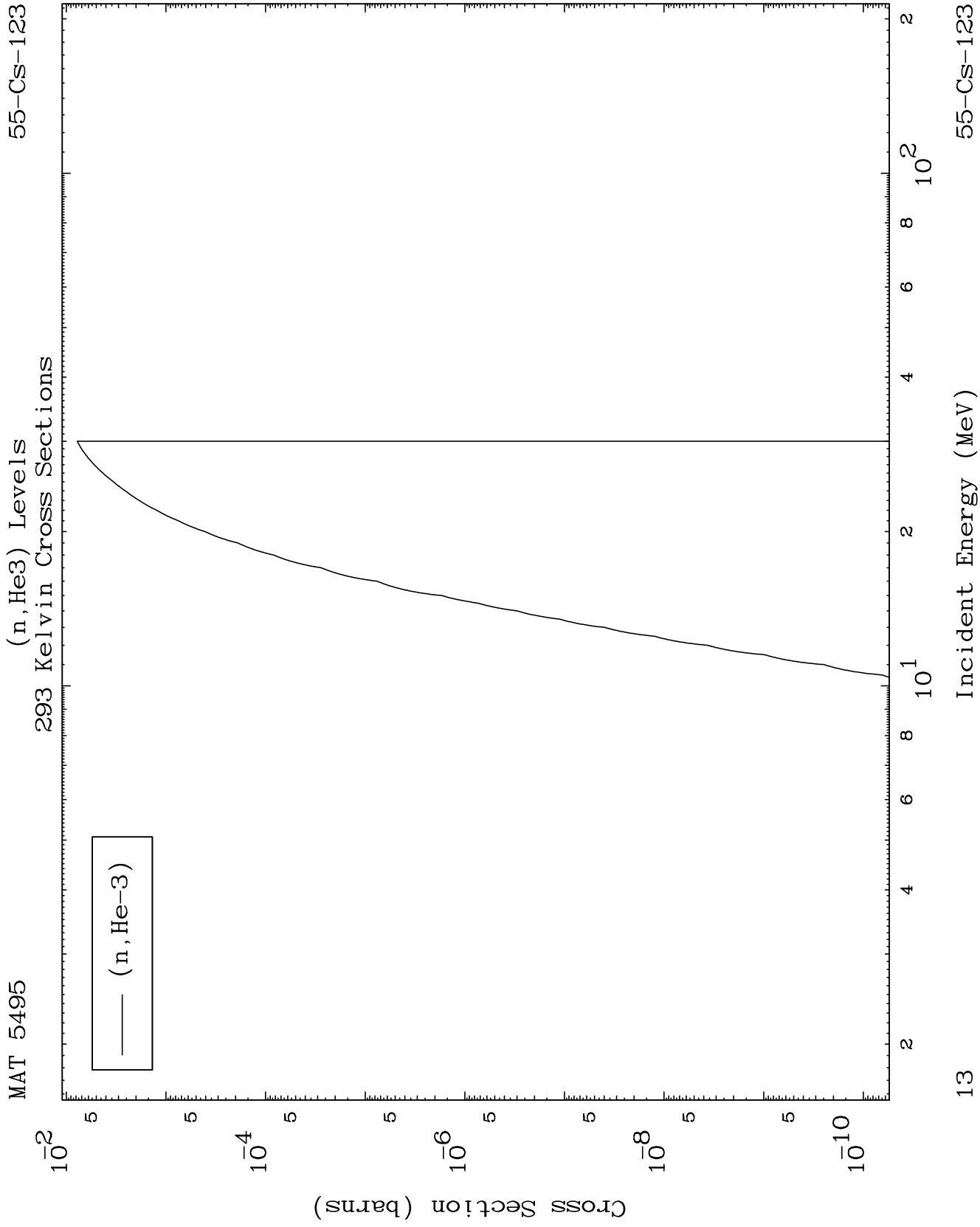
(n,t) Levels
293 Kelvin Cross Sections



12

Incident Energy (MeV)

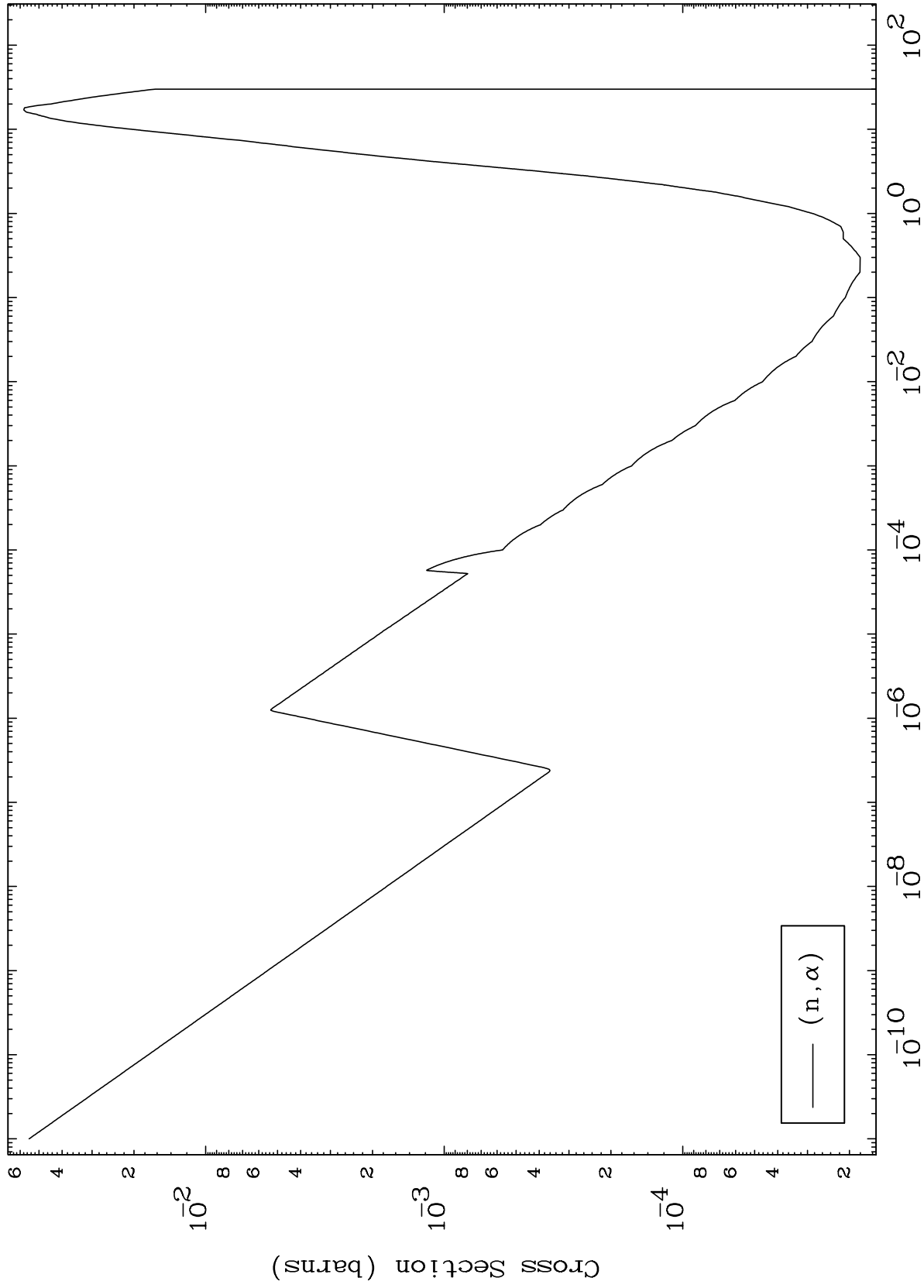
55-Cs-123



MAT 5495

(n, α) Levels
293 Kelvin Cross Sections

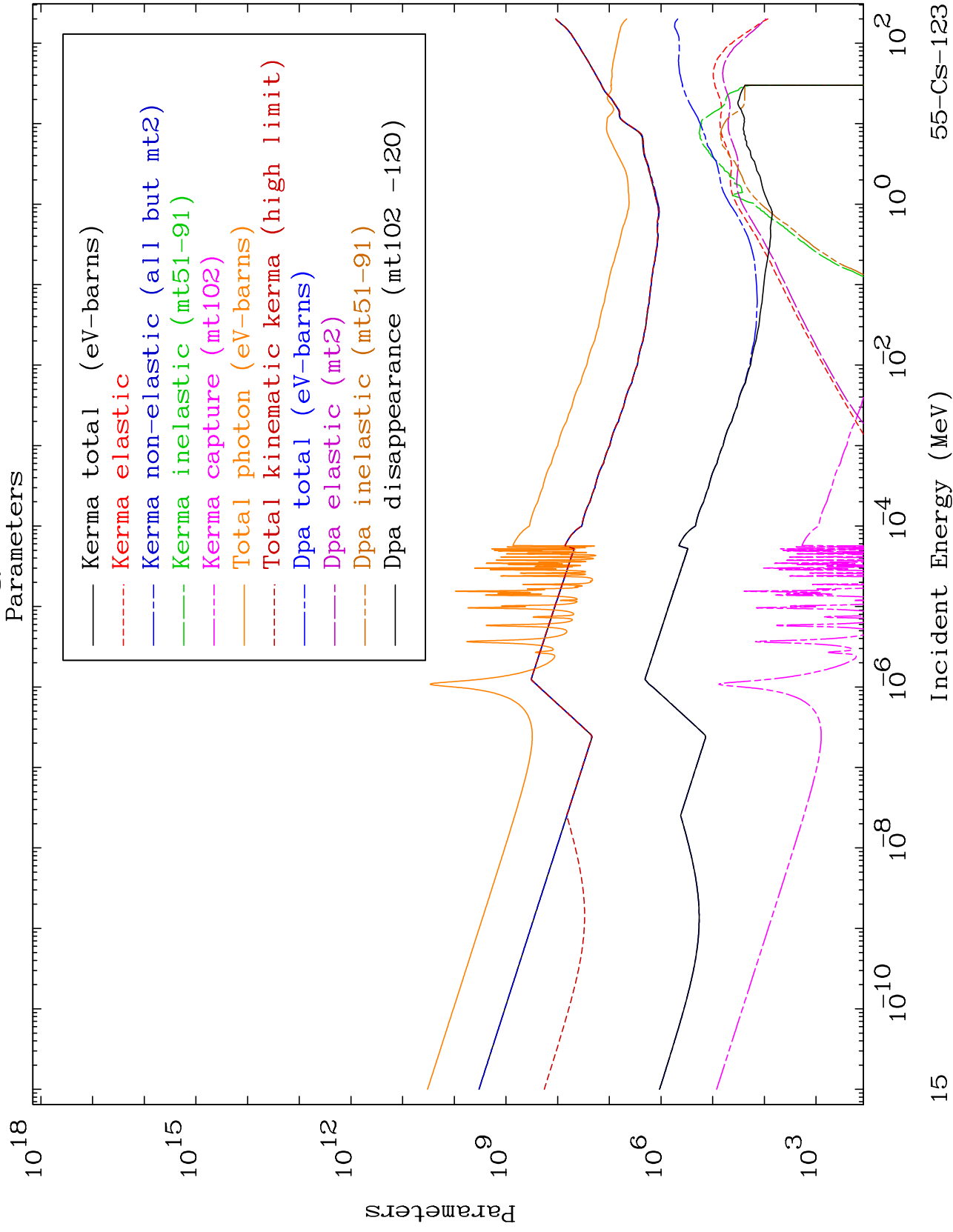
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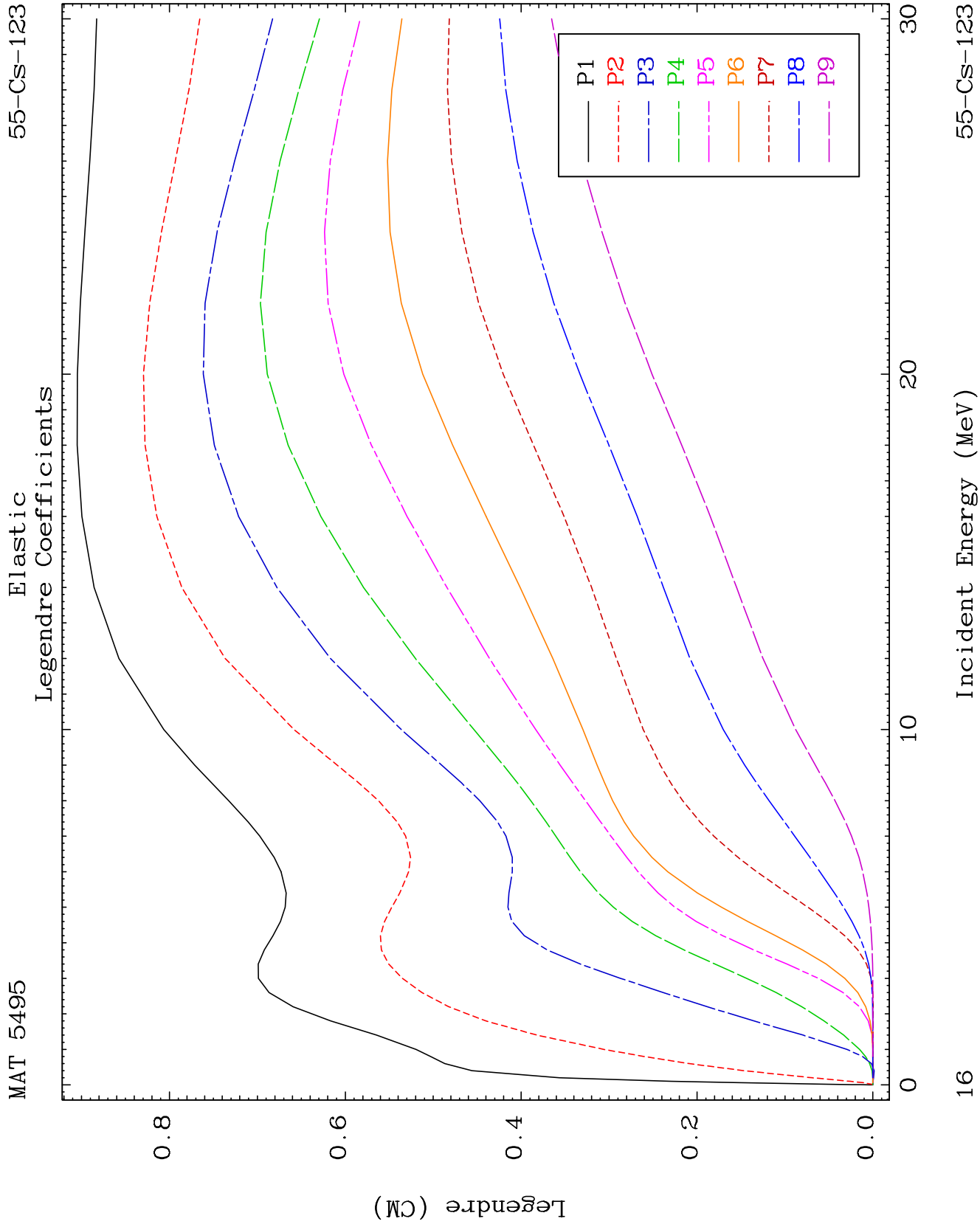


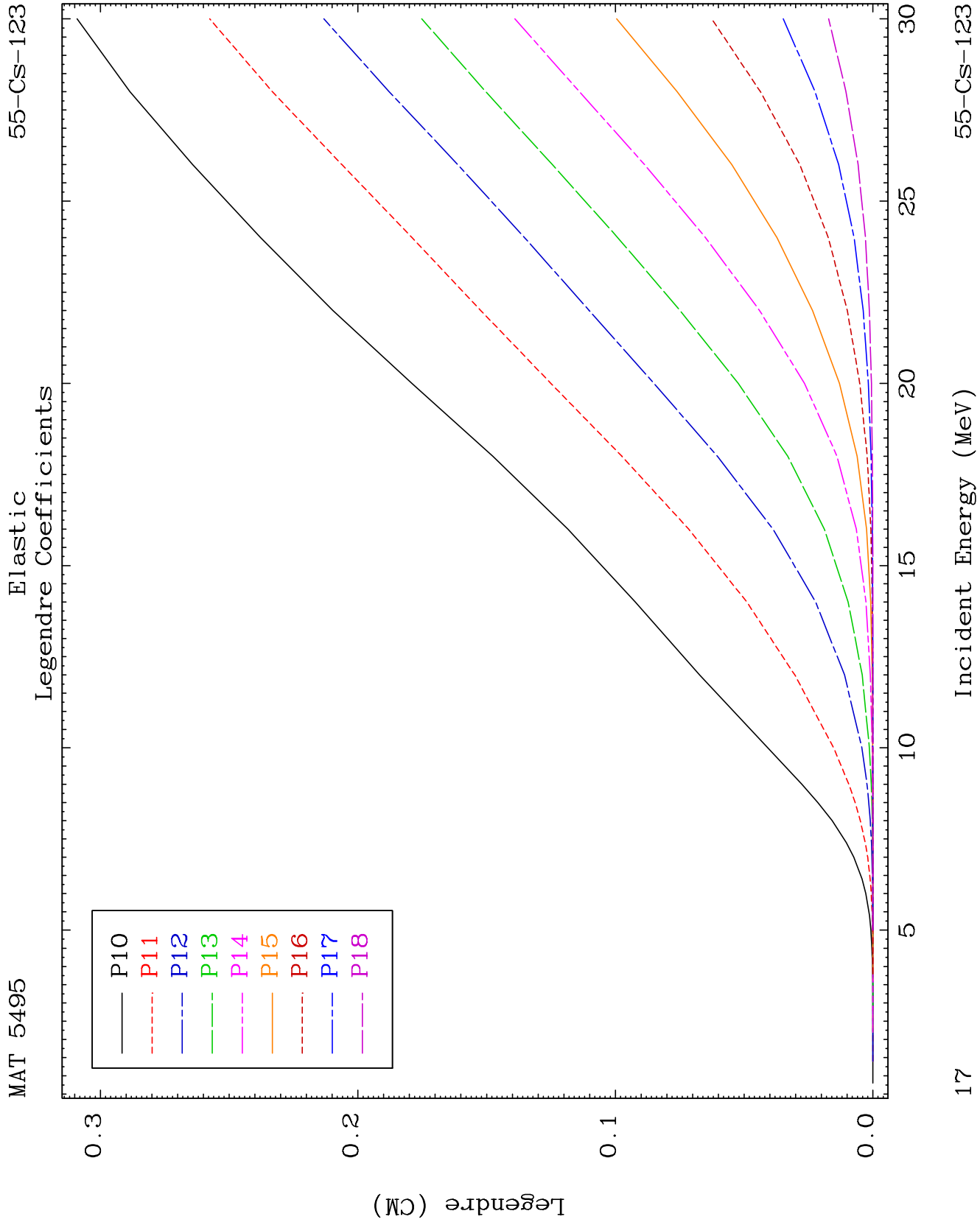
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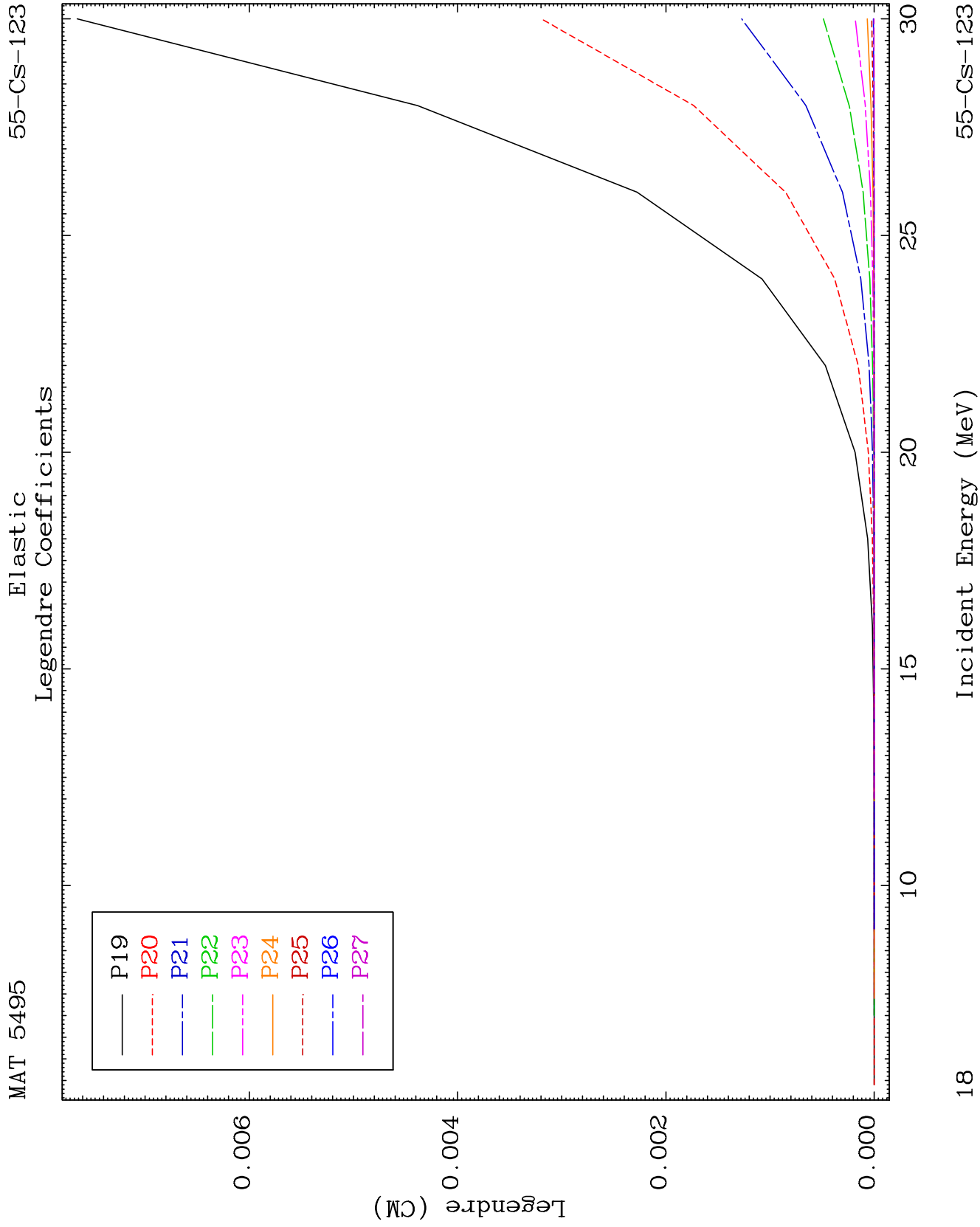
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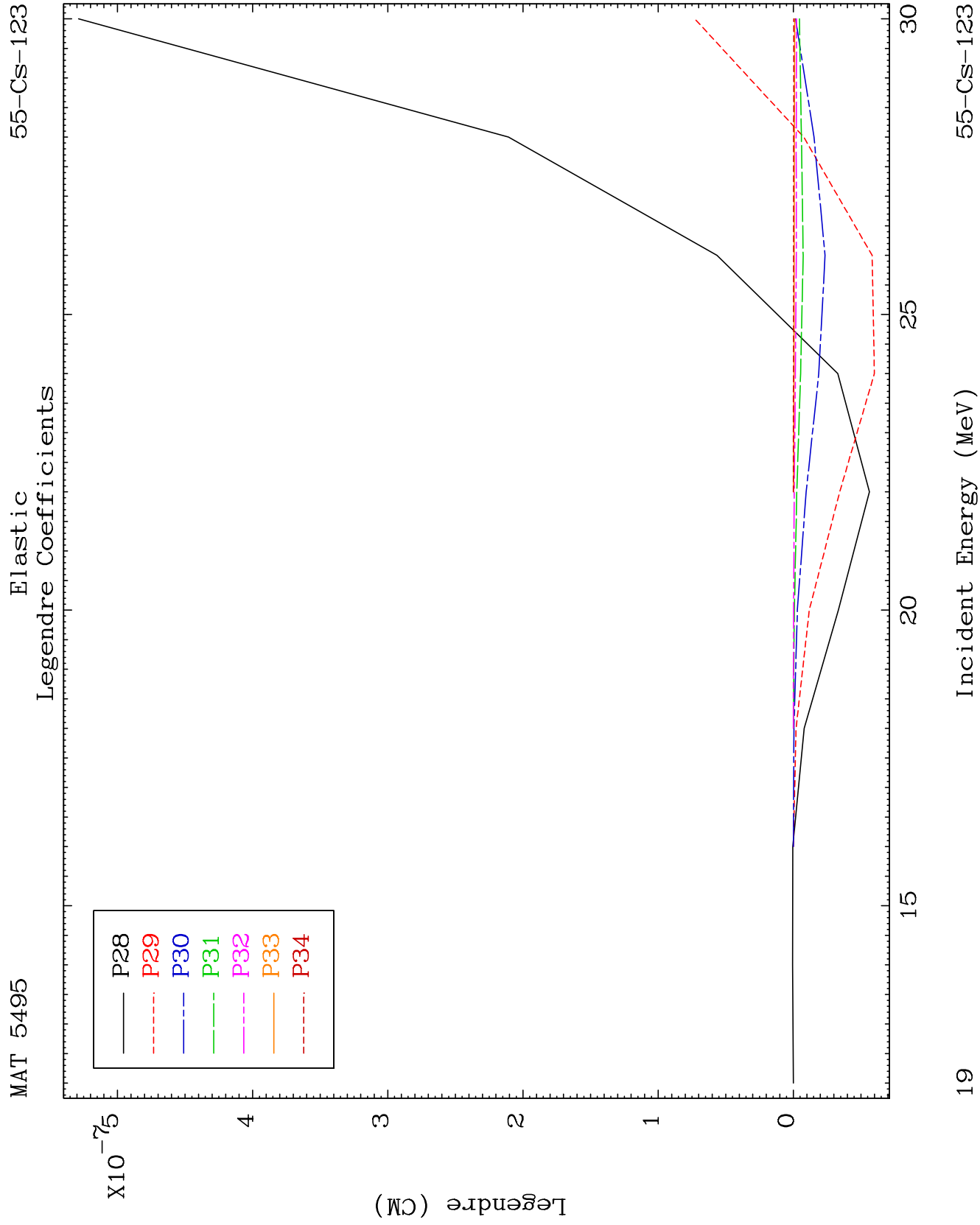
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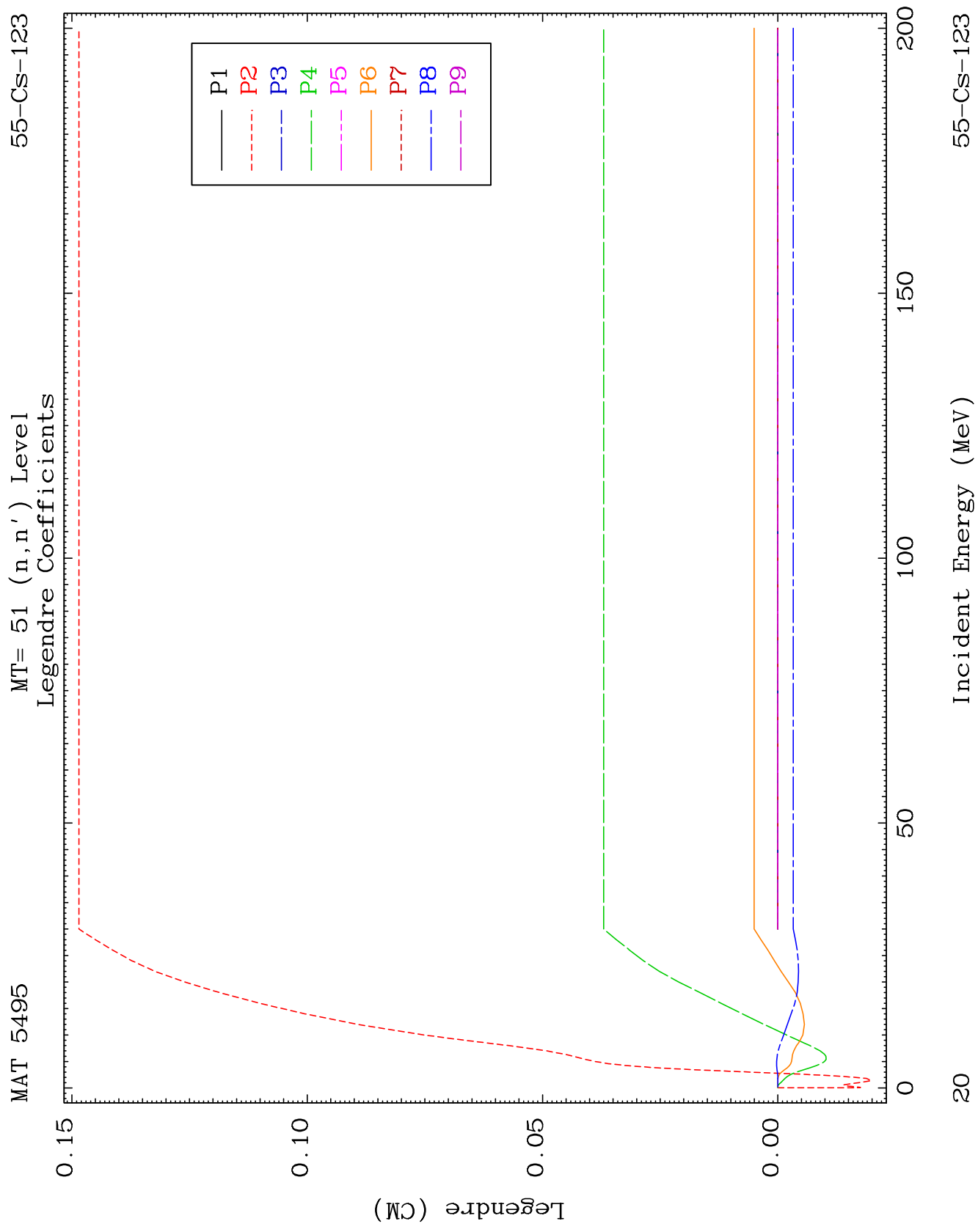


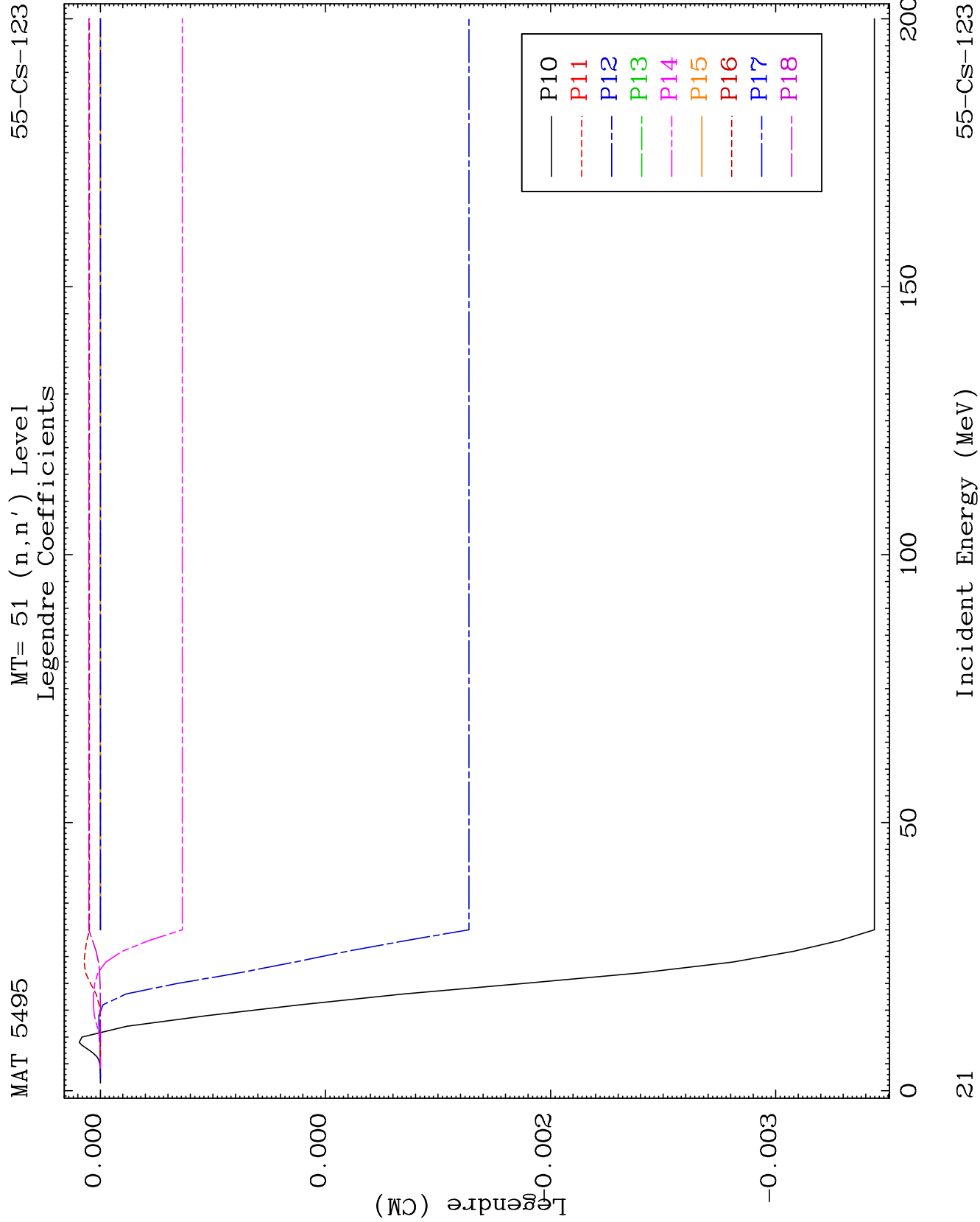


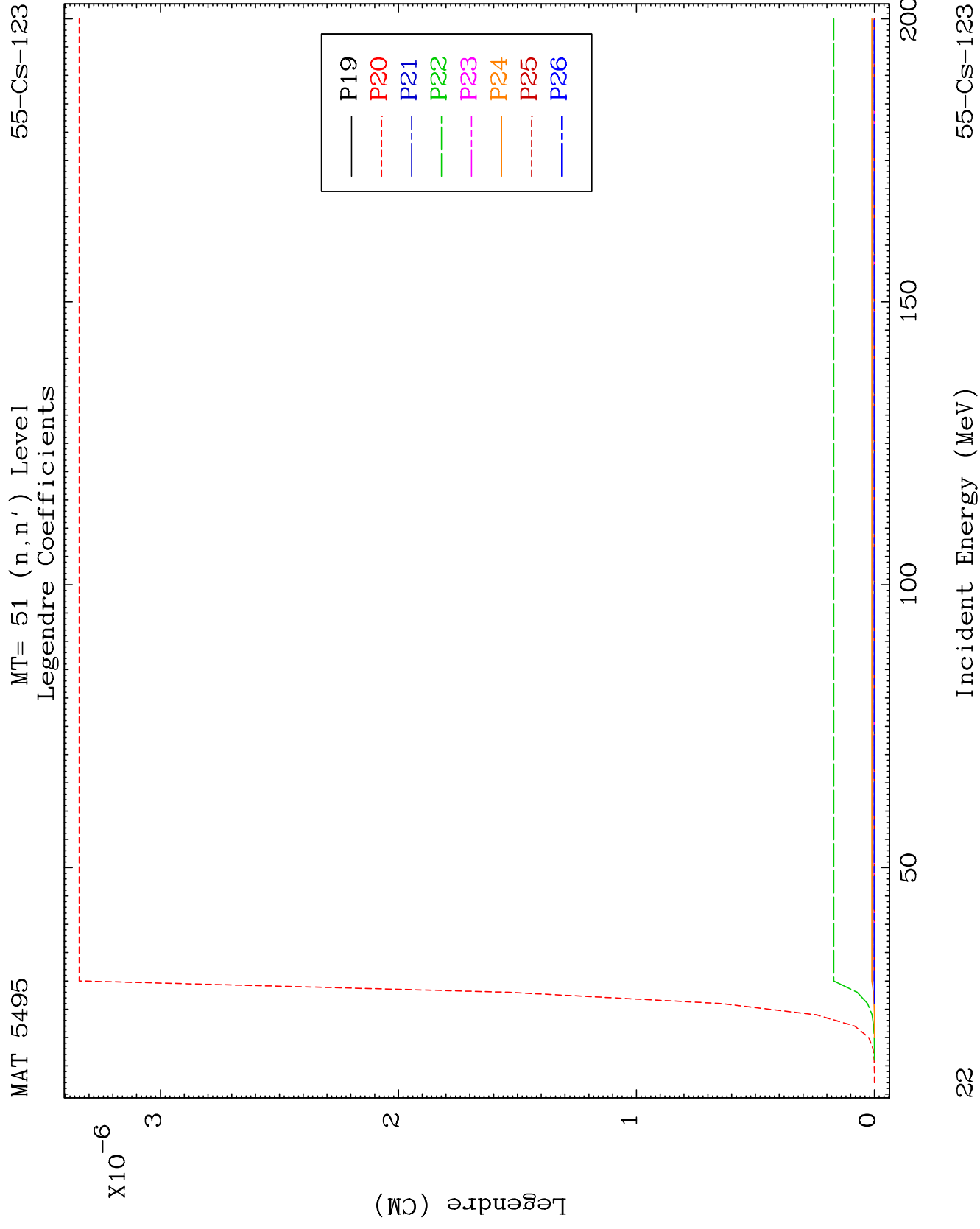


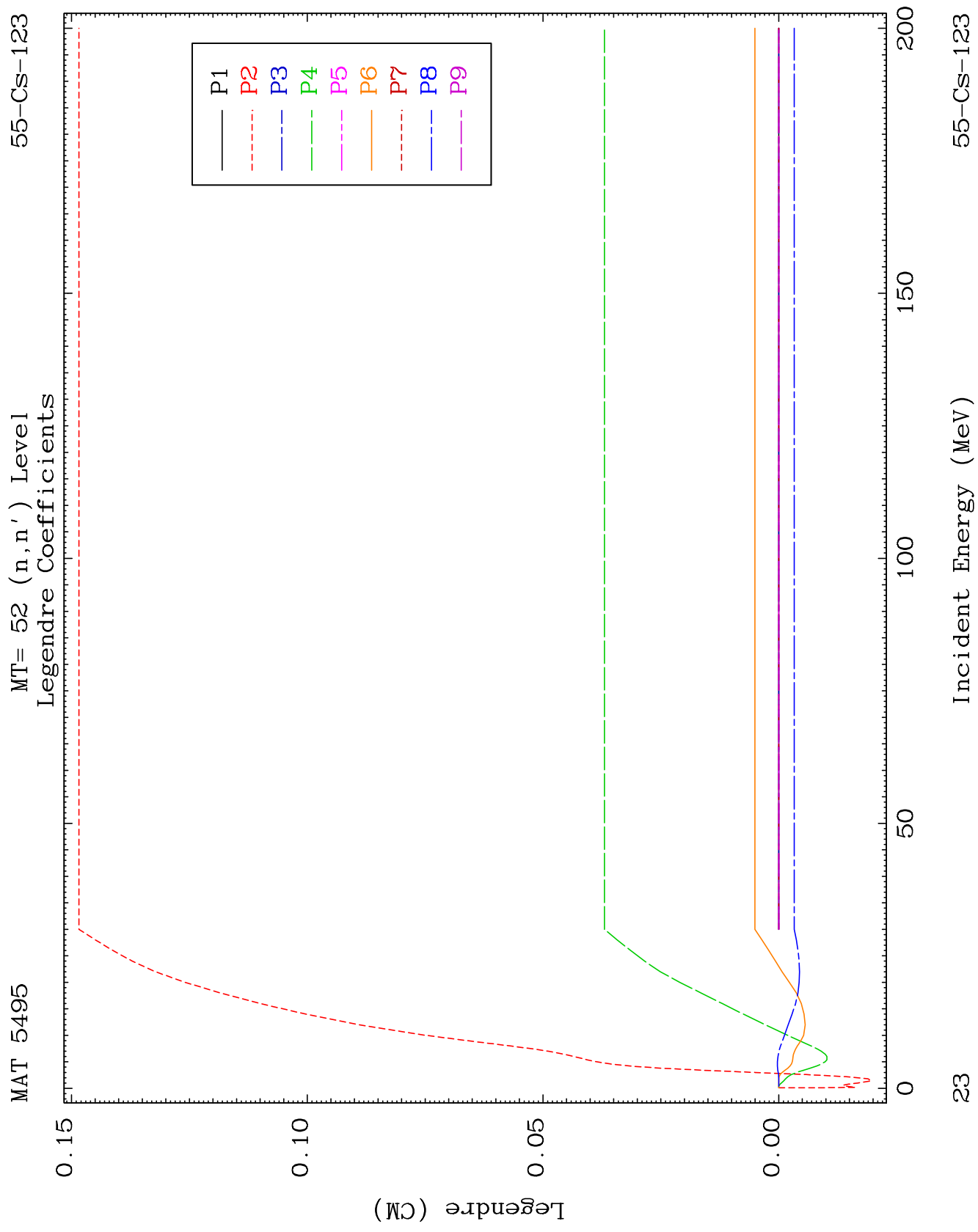


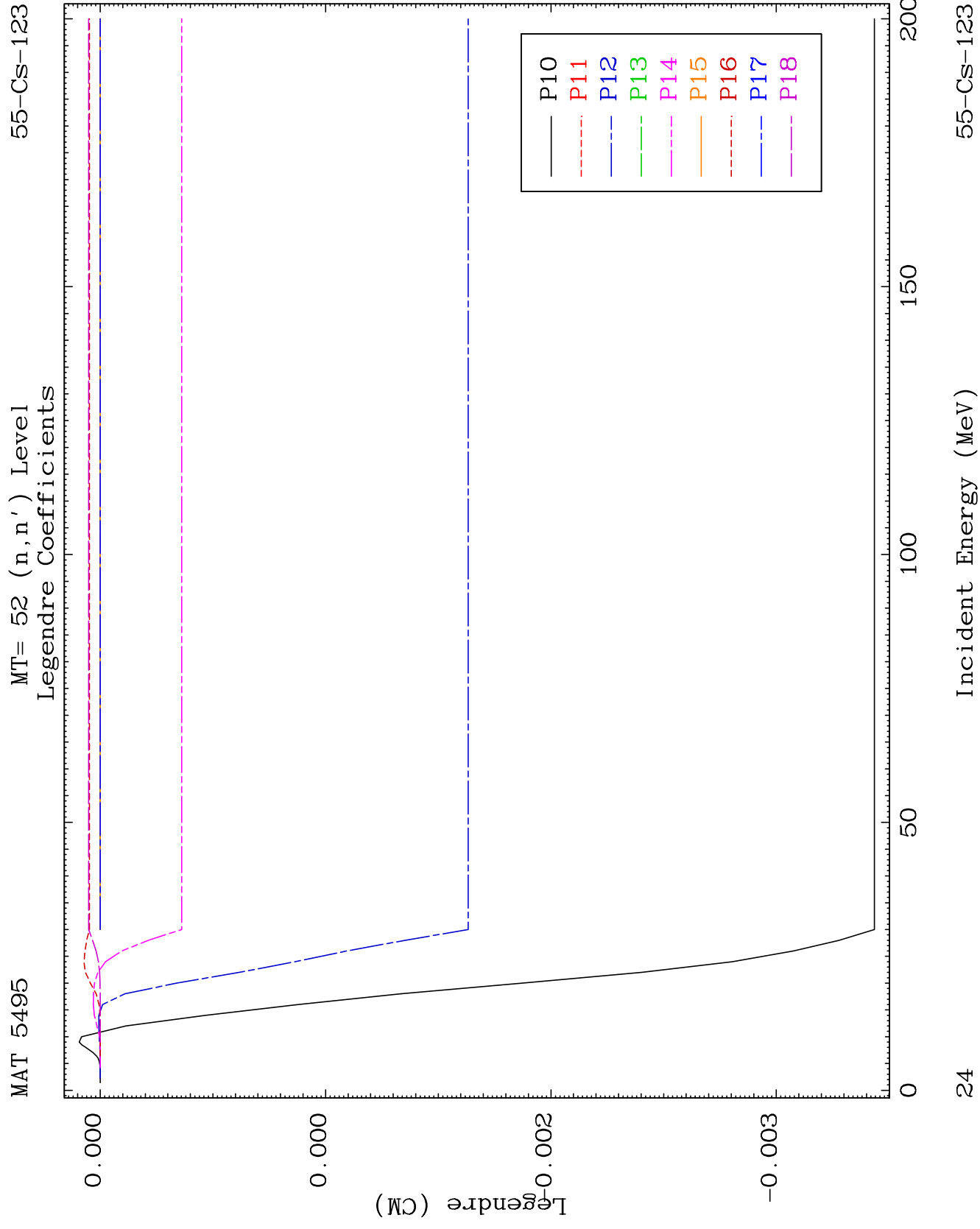


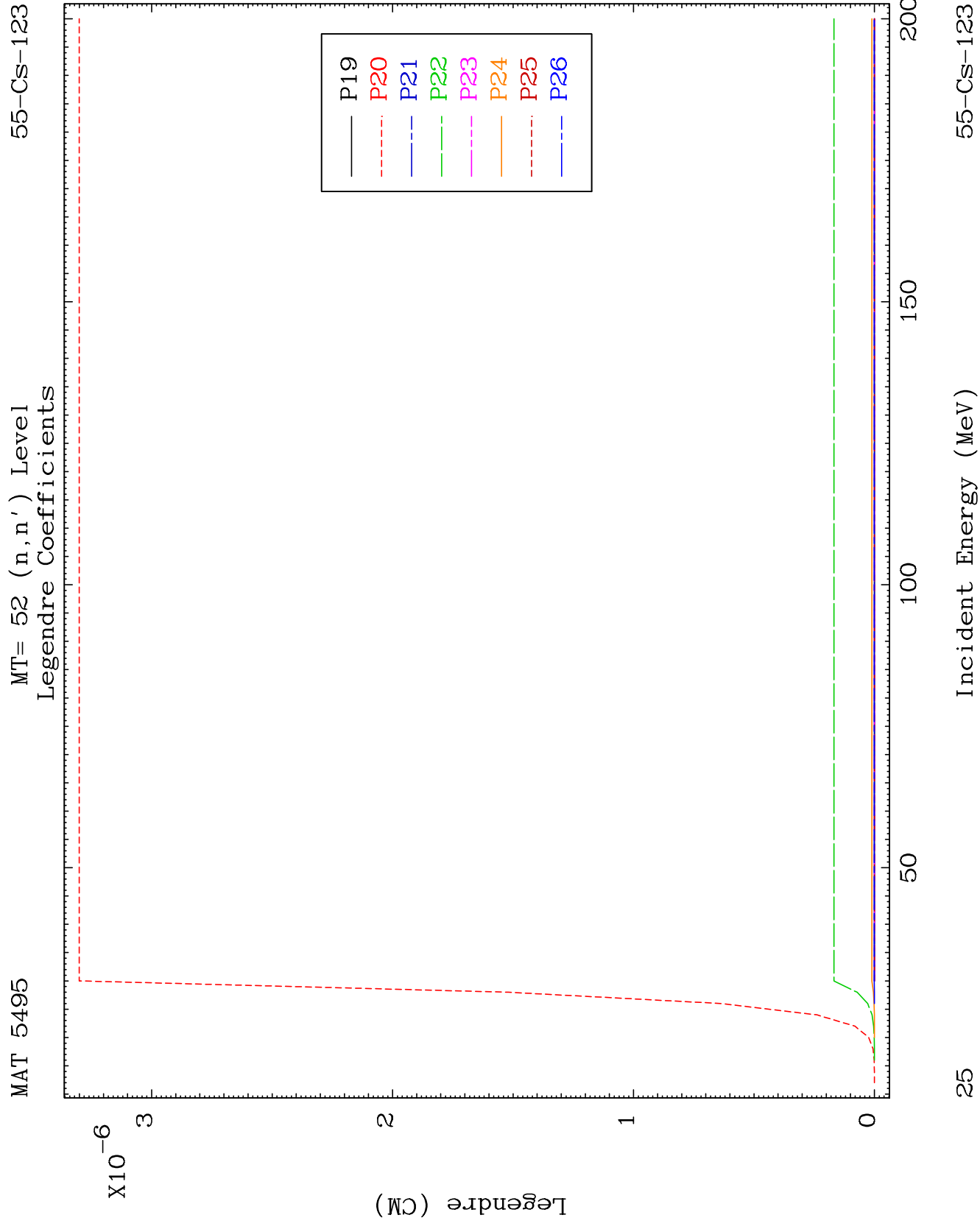


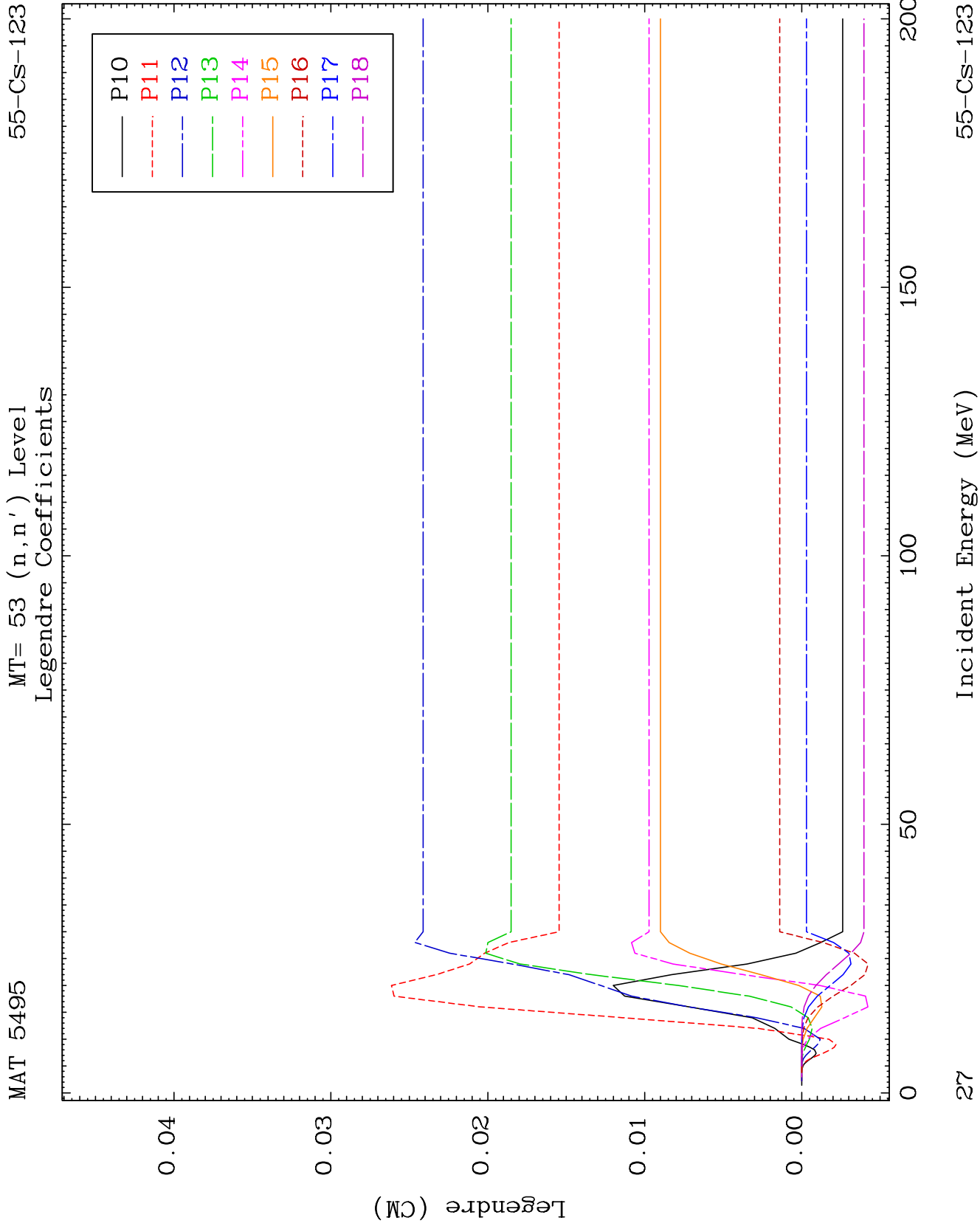








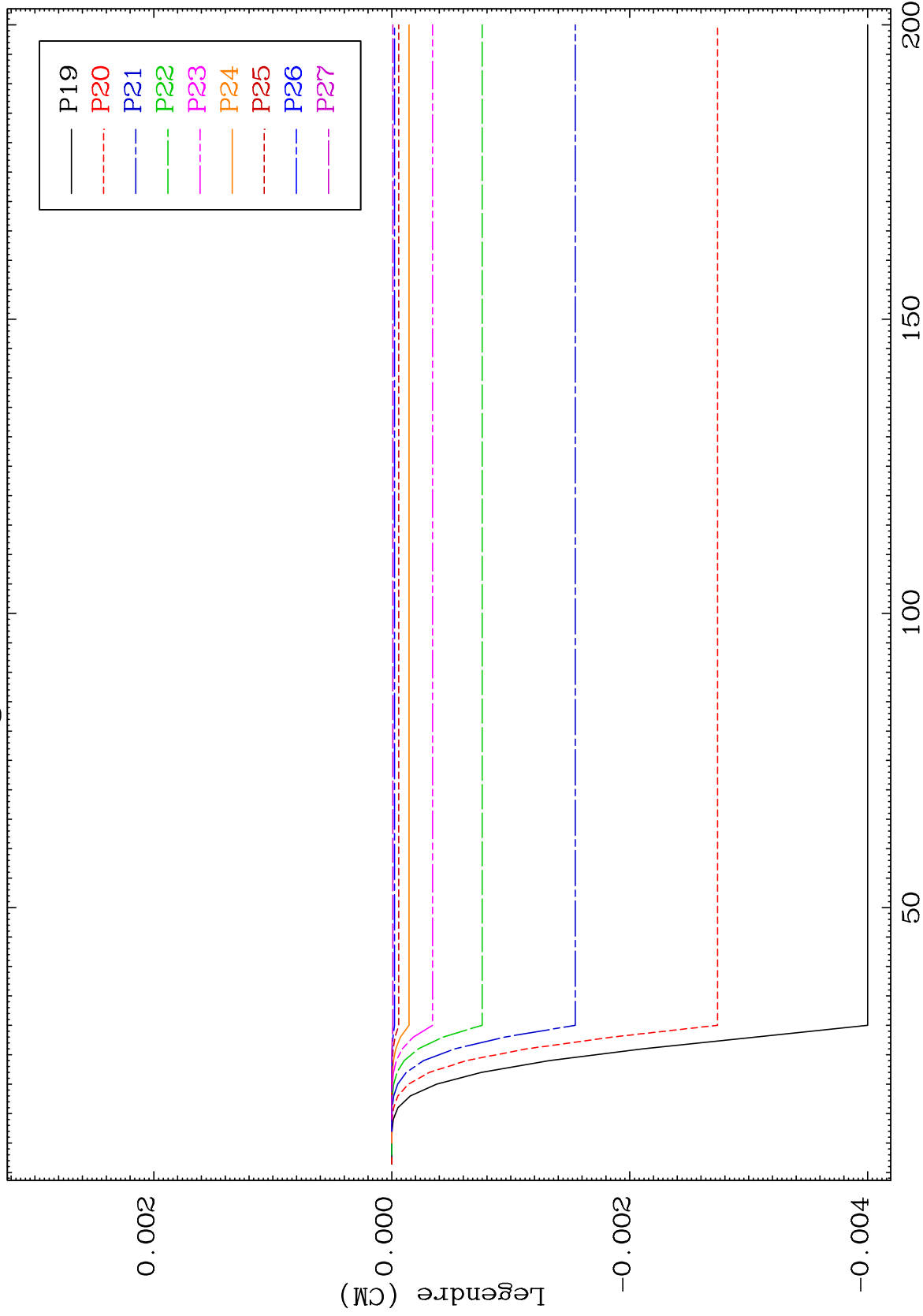




MAT 5495

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

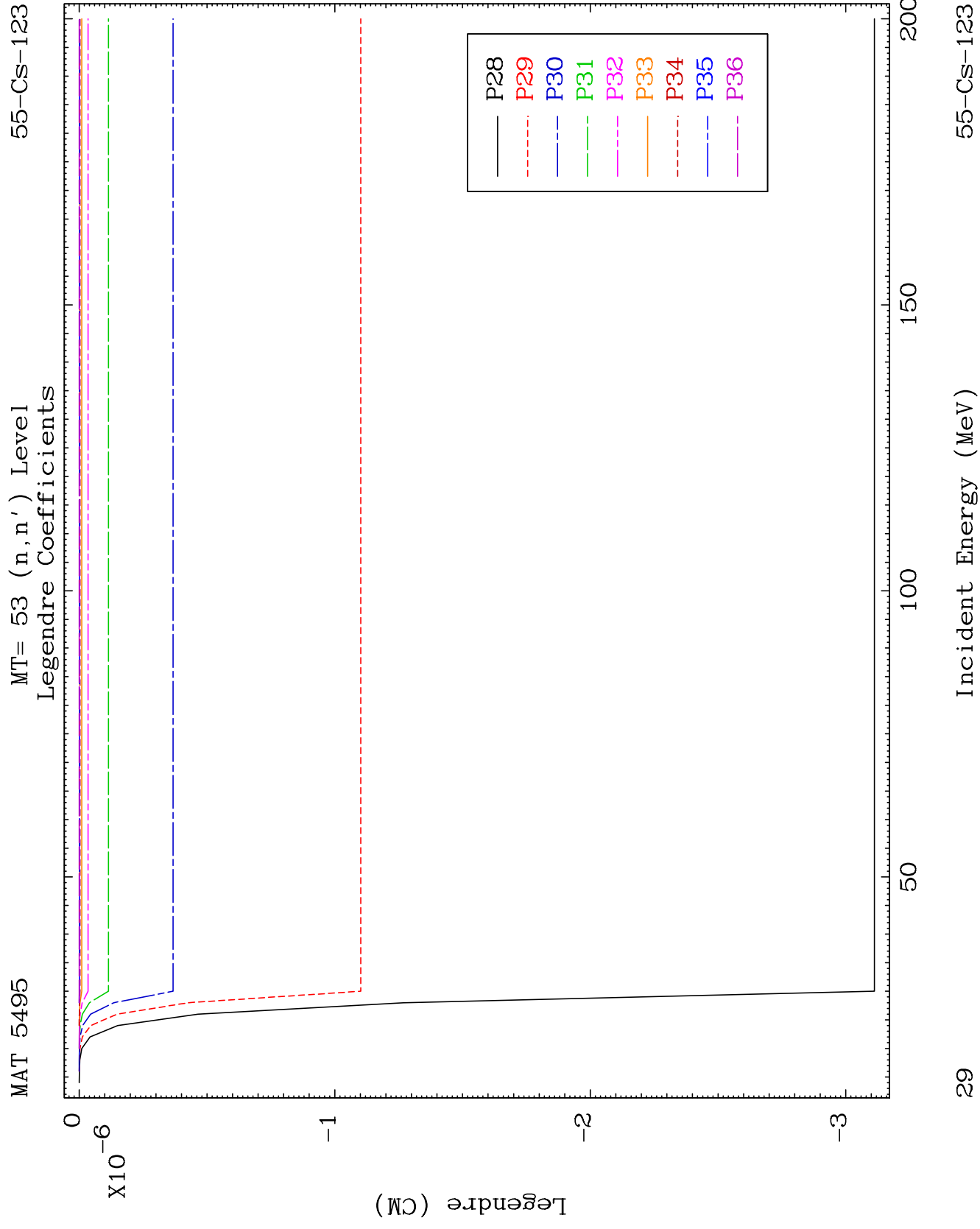
55-Cs-123

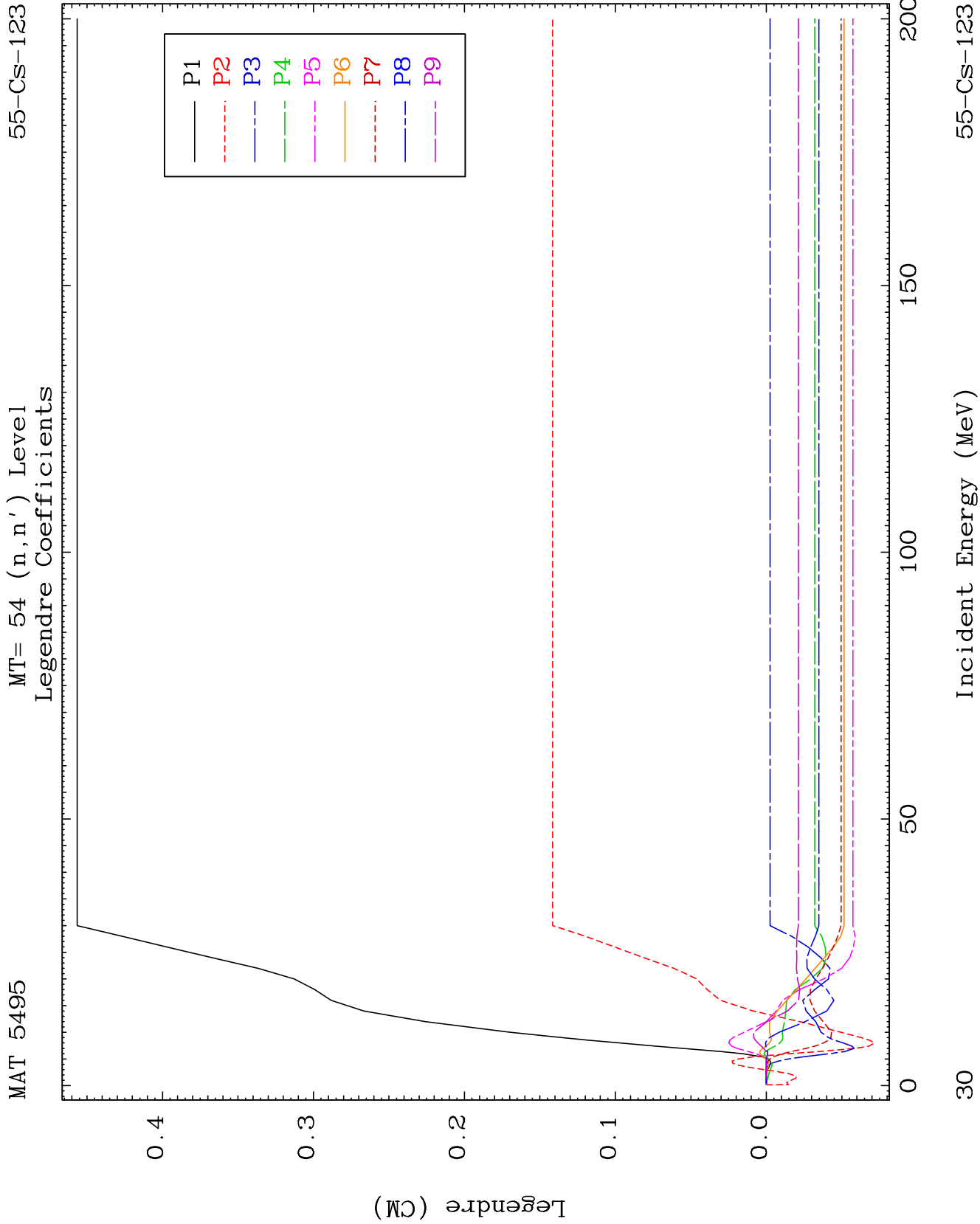


28

Incident Energy (MeV)

55-Cs-123

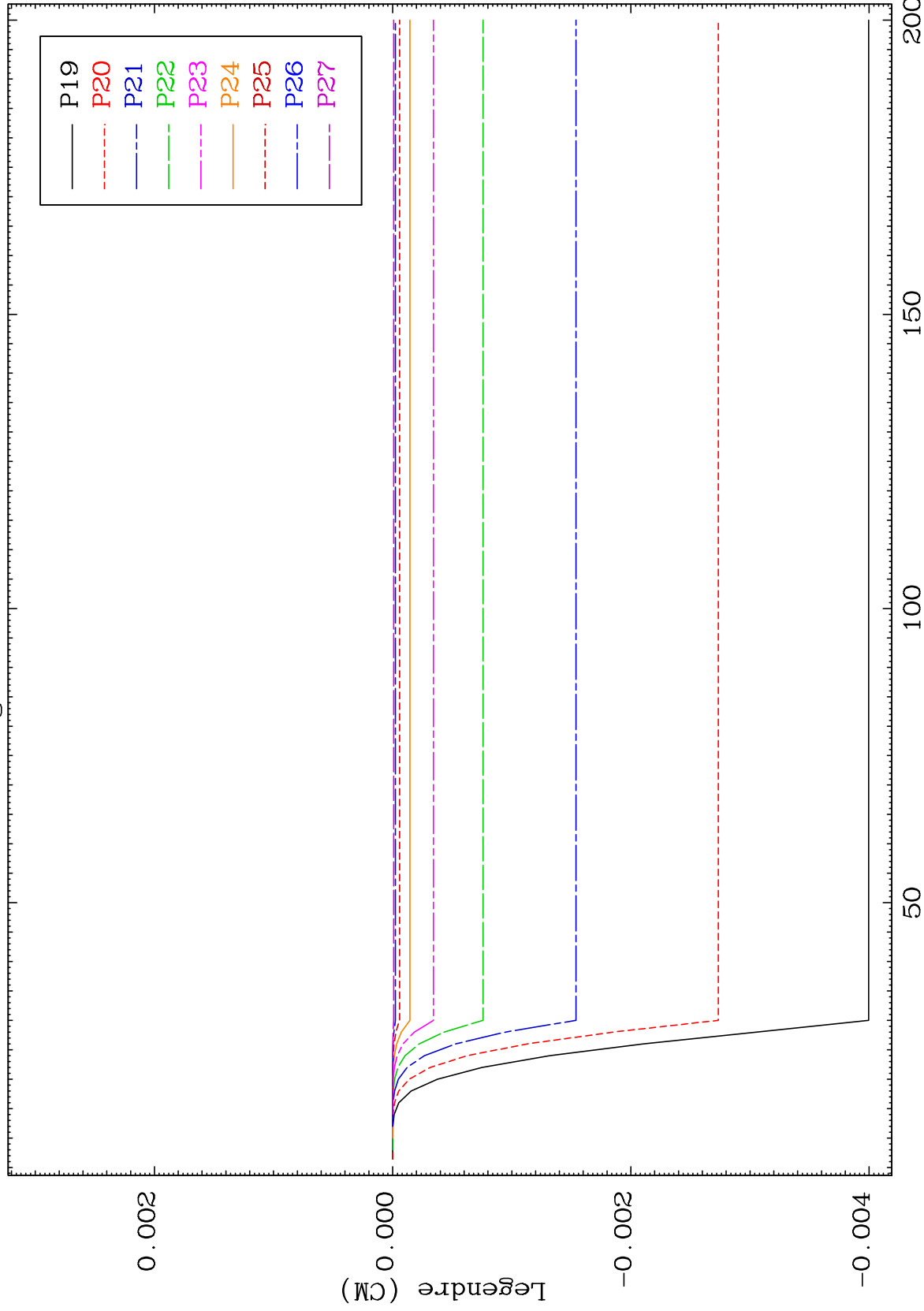




MAT 5495

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

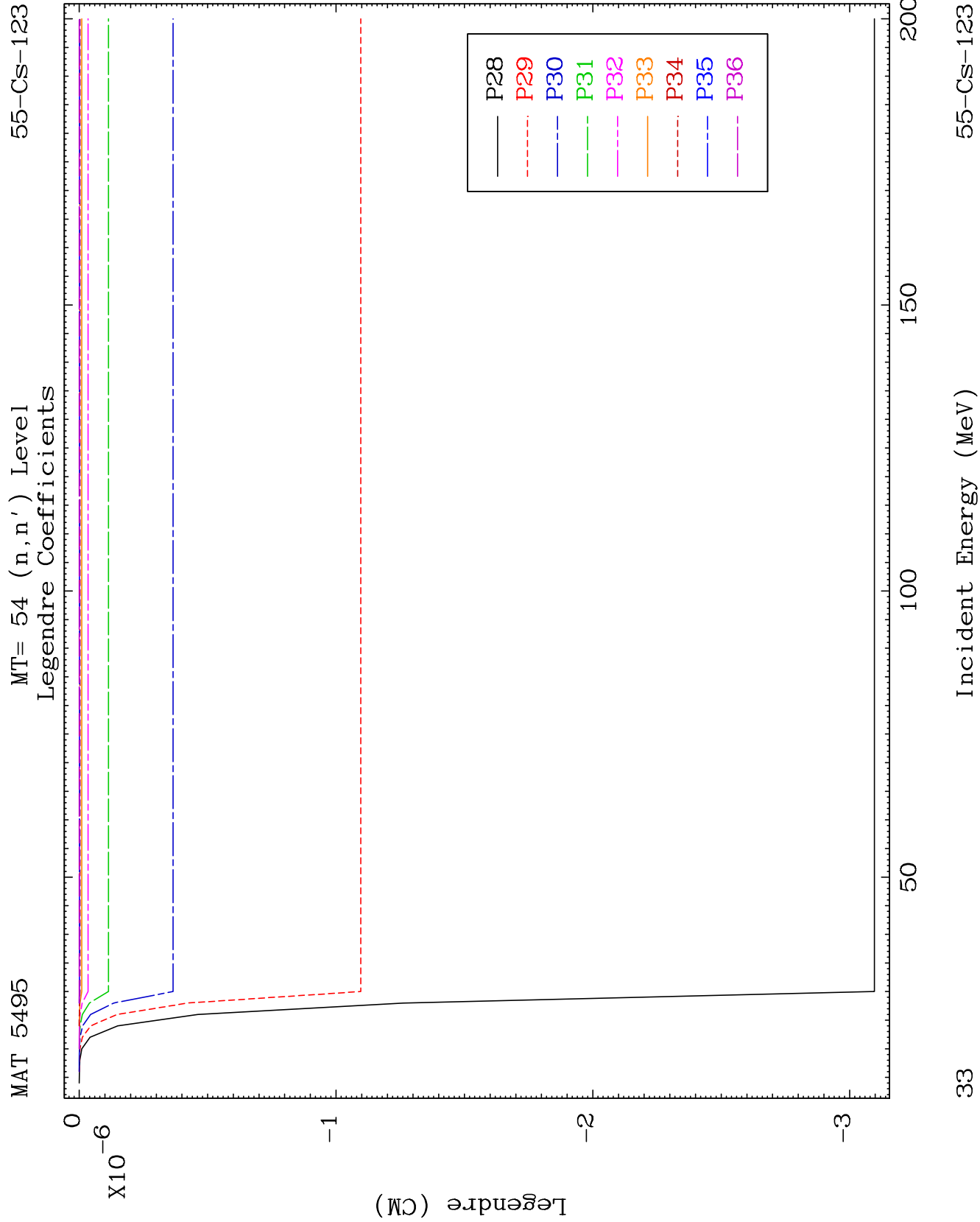
55-Cs-123



32

Incident Energy (MeV)

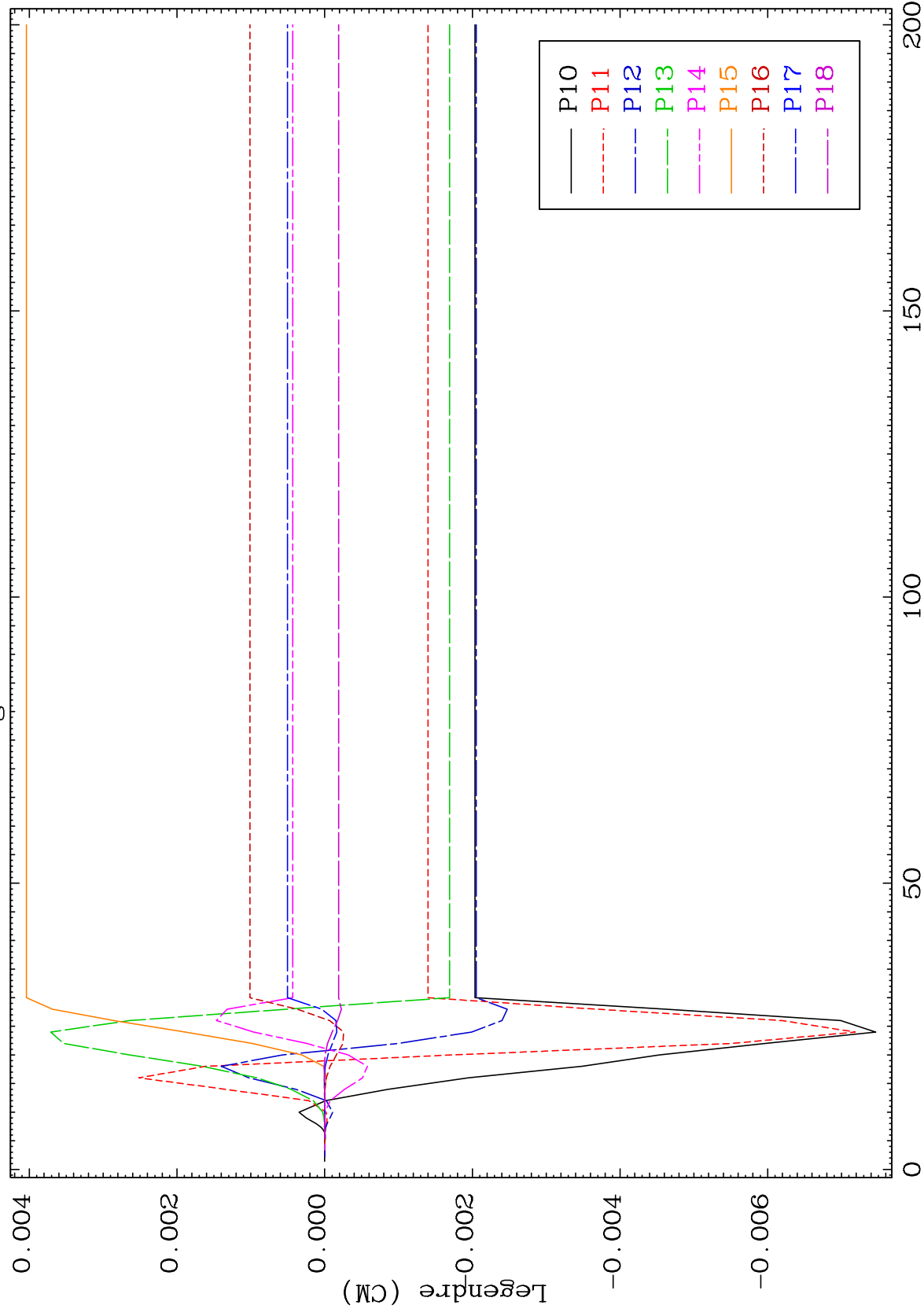
55-Cs-123



MAT 5495

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

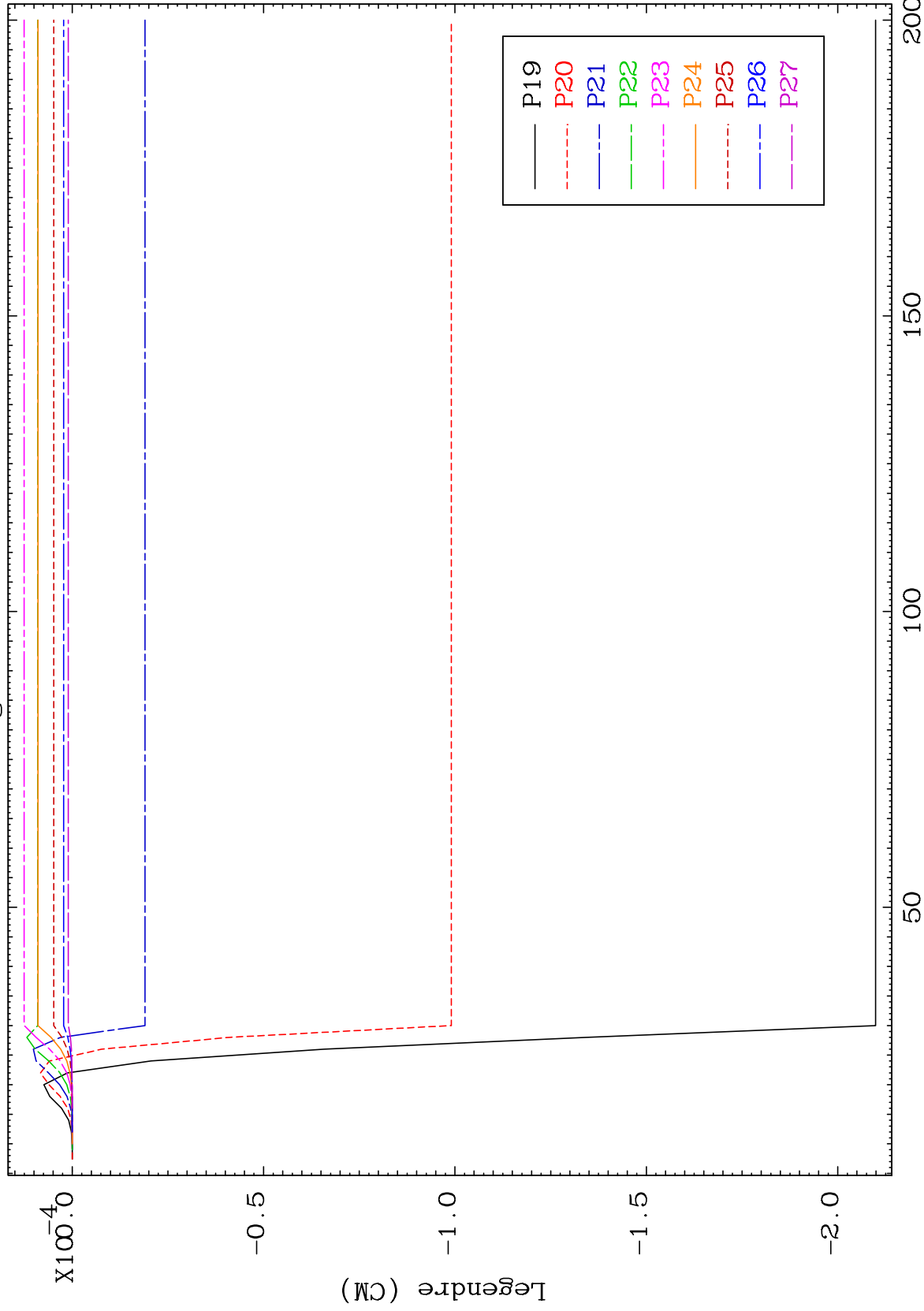
55-CS-123

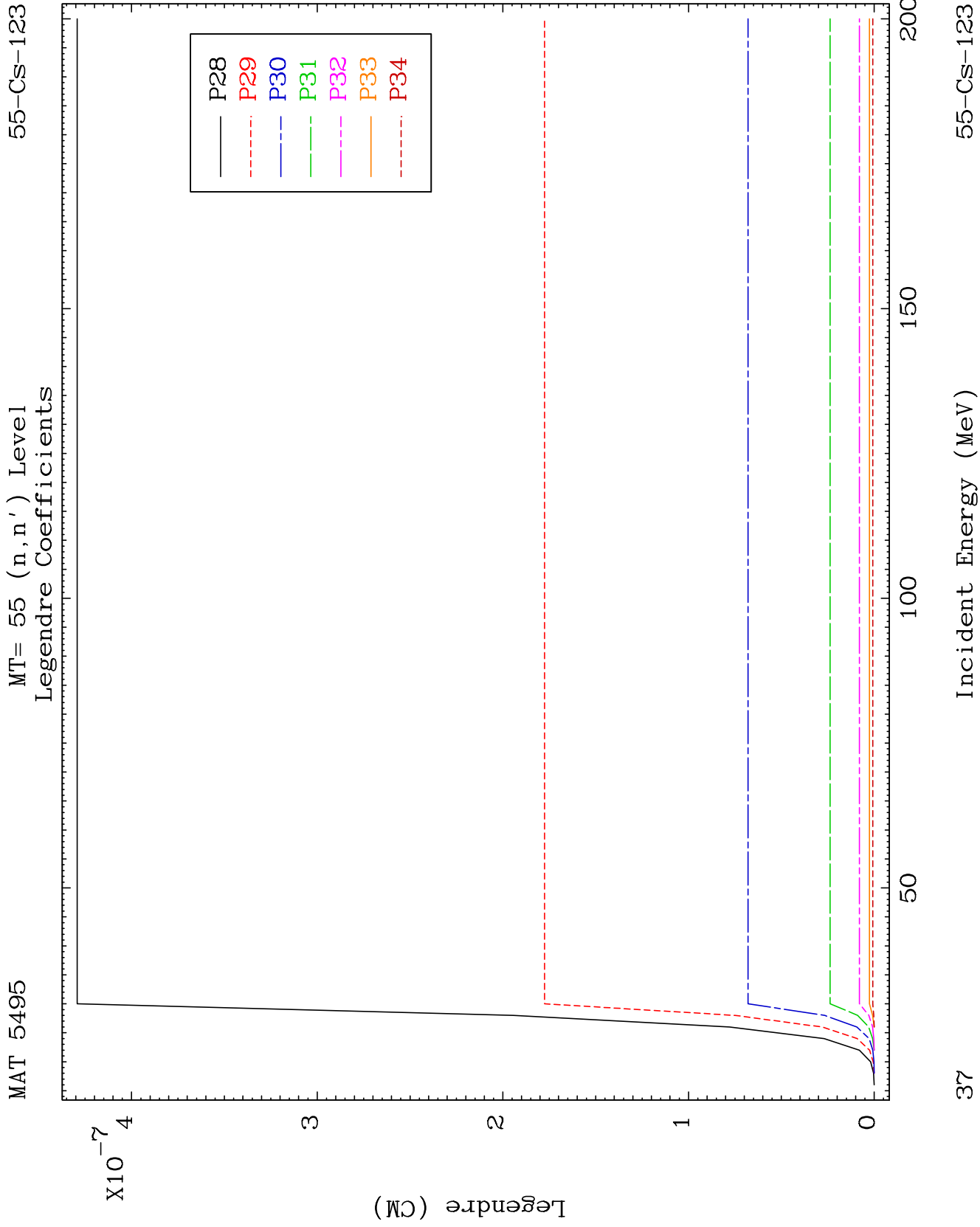


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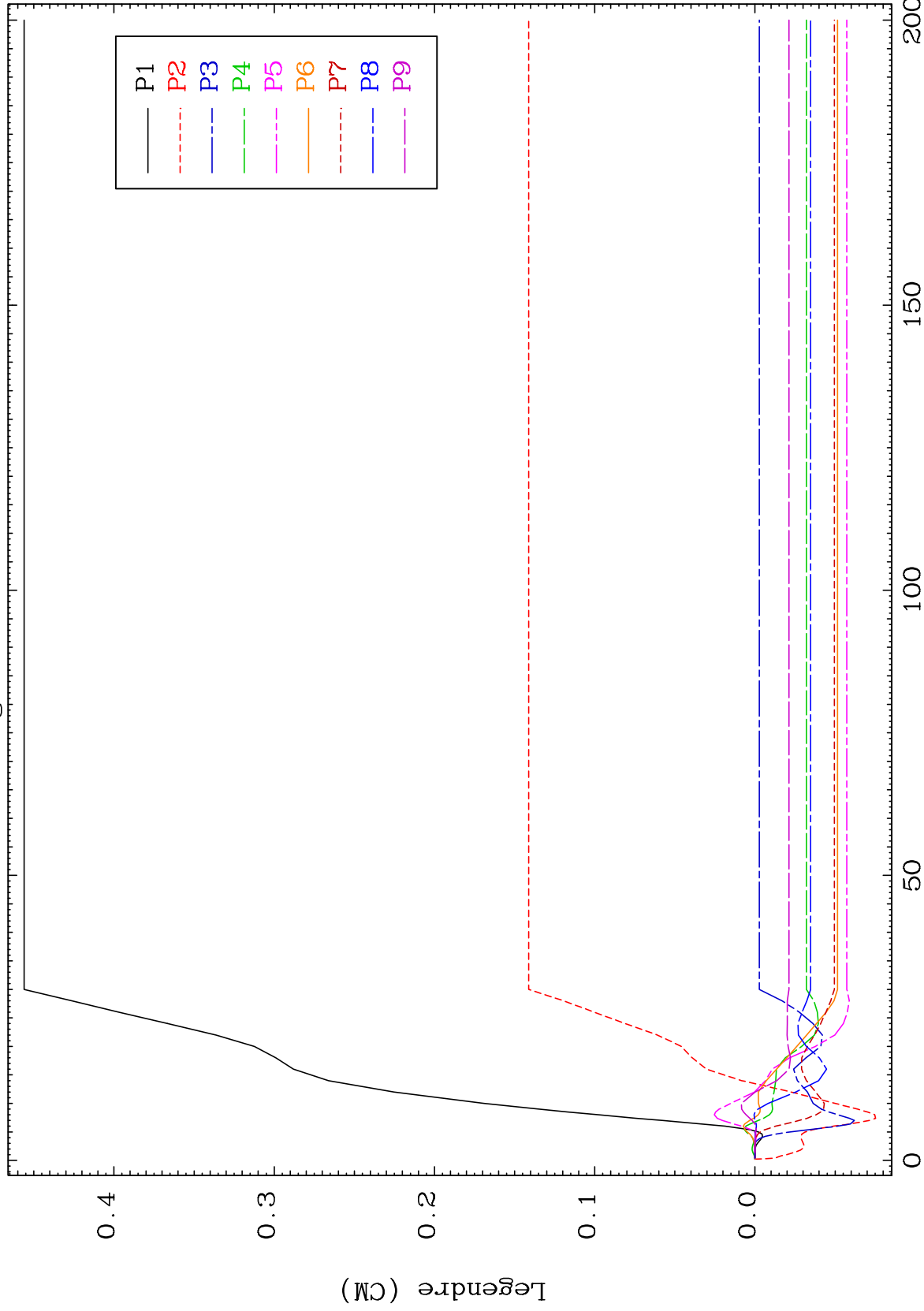
Incident Energy (MeV)

55-CS-123

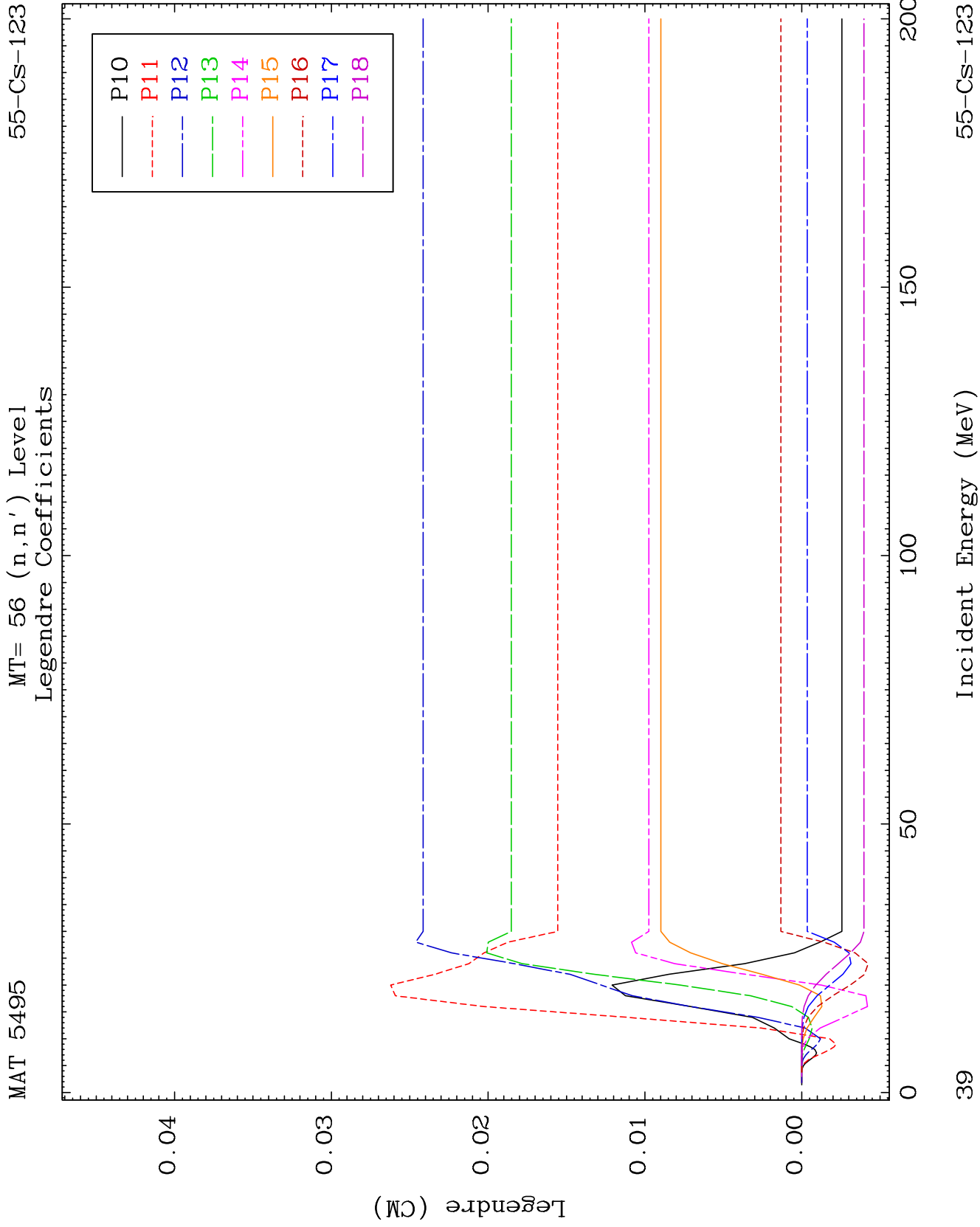




MAT 5495 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-123



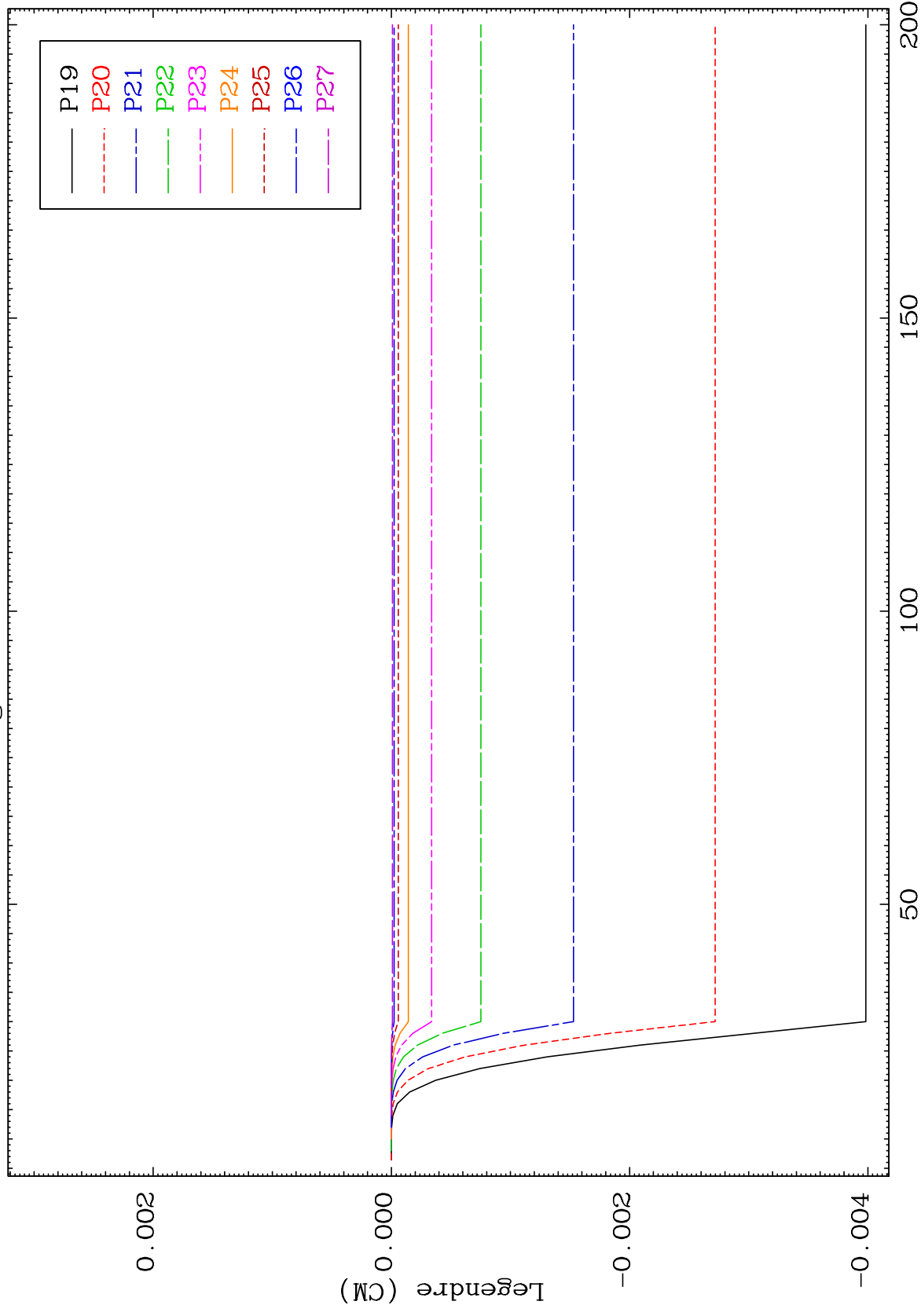
38 55-Cs-123



MAT 5495

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

55-CS-123



40

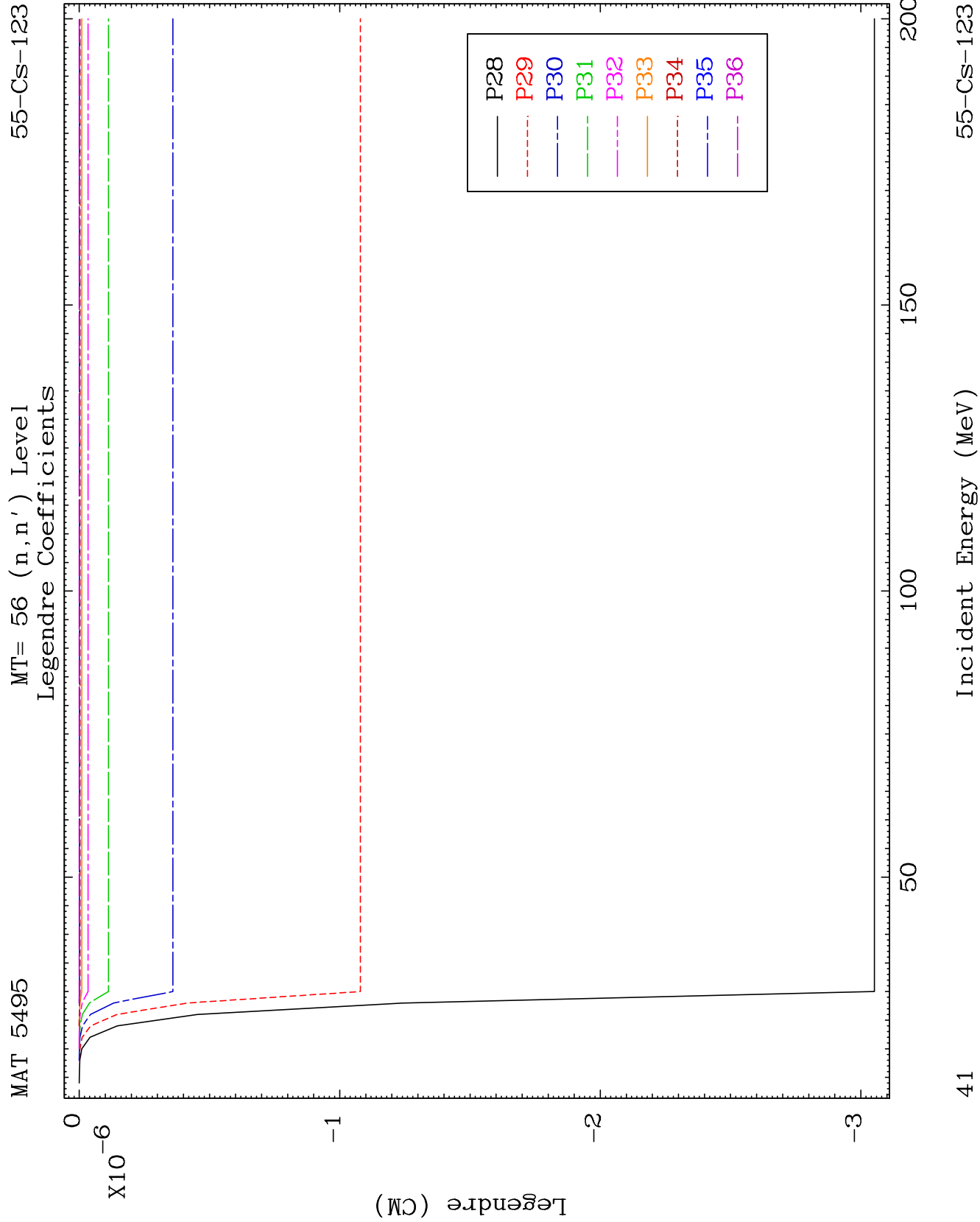
Incident Energy (MeV)

55-CS-123

50

150

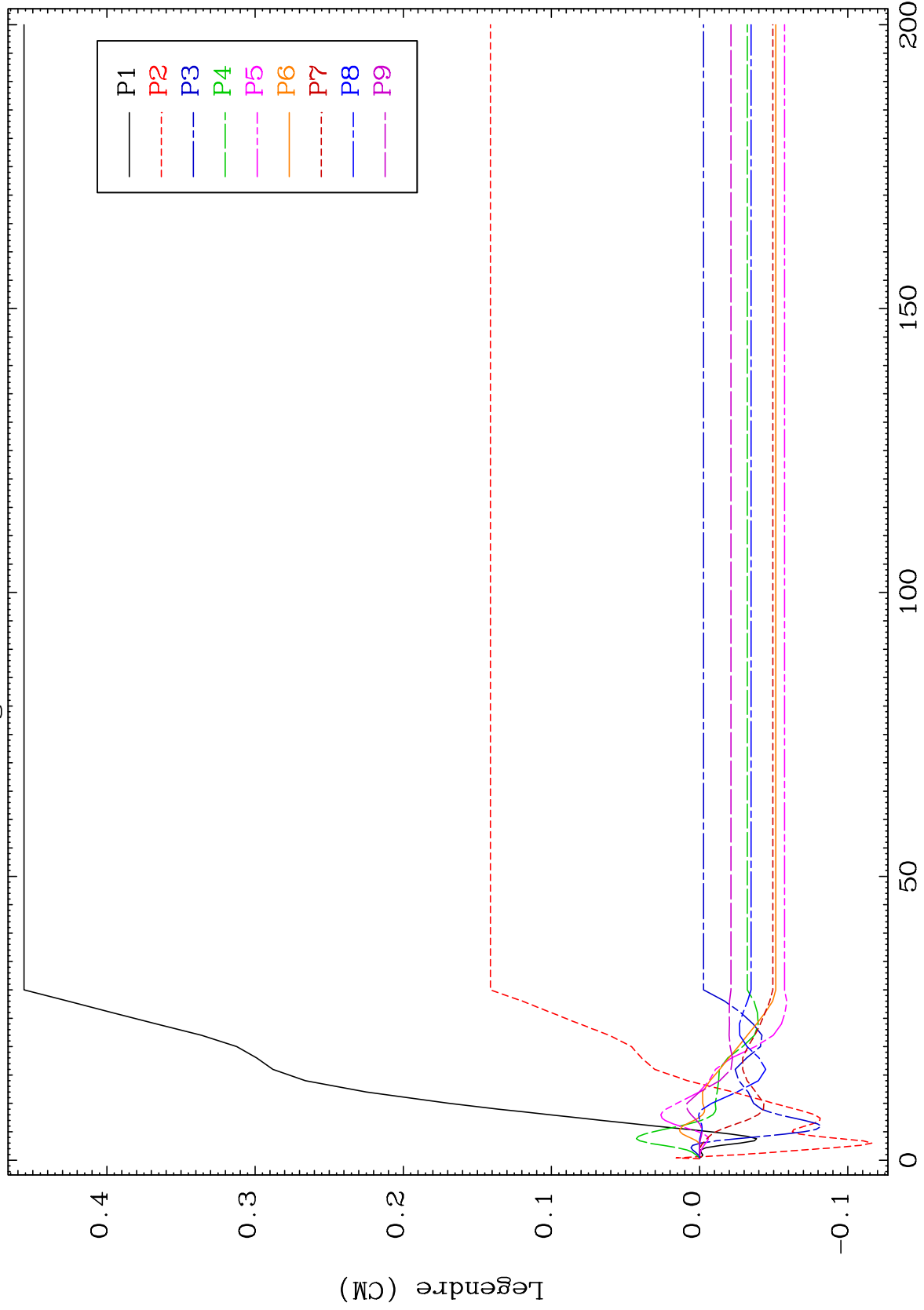
200



MAT 5495

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

55-Cs-123

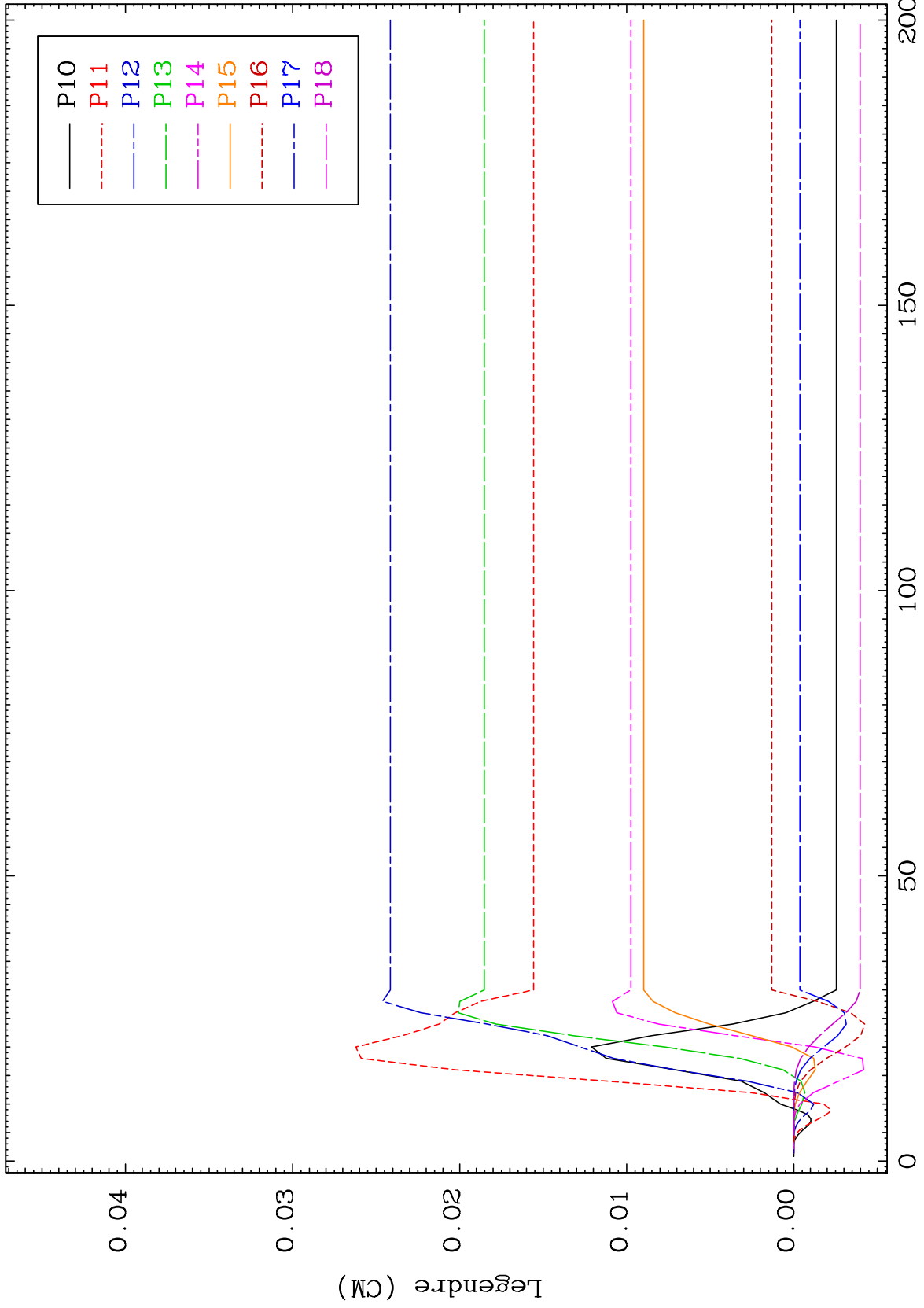


42

Incident Energy (MeV)

55-Cs-123

MAT 5495 MT= 57 (n,n') Level Legendre Coefficients 55-Cs-123

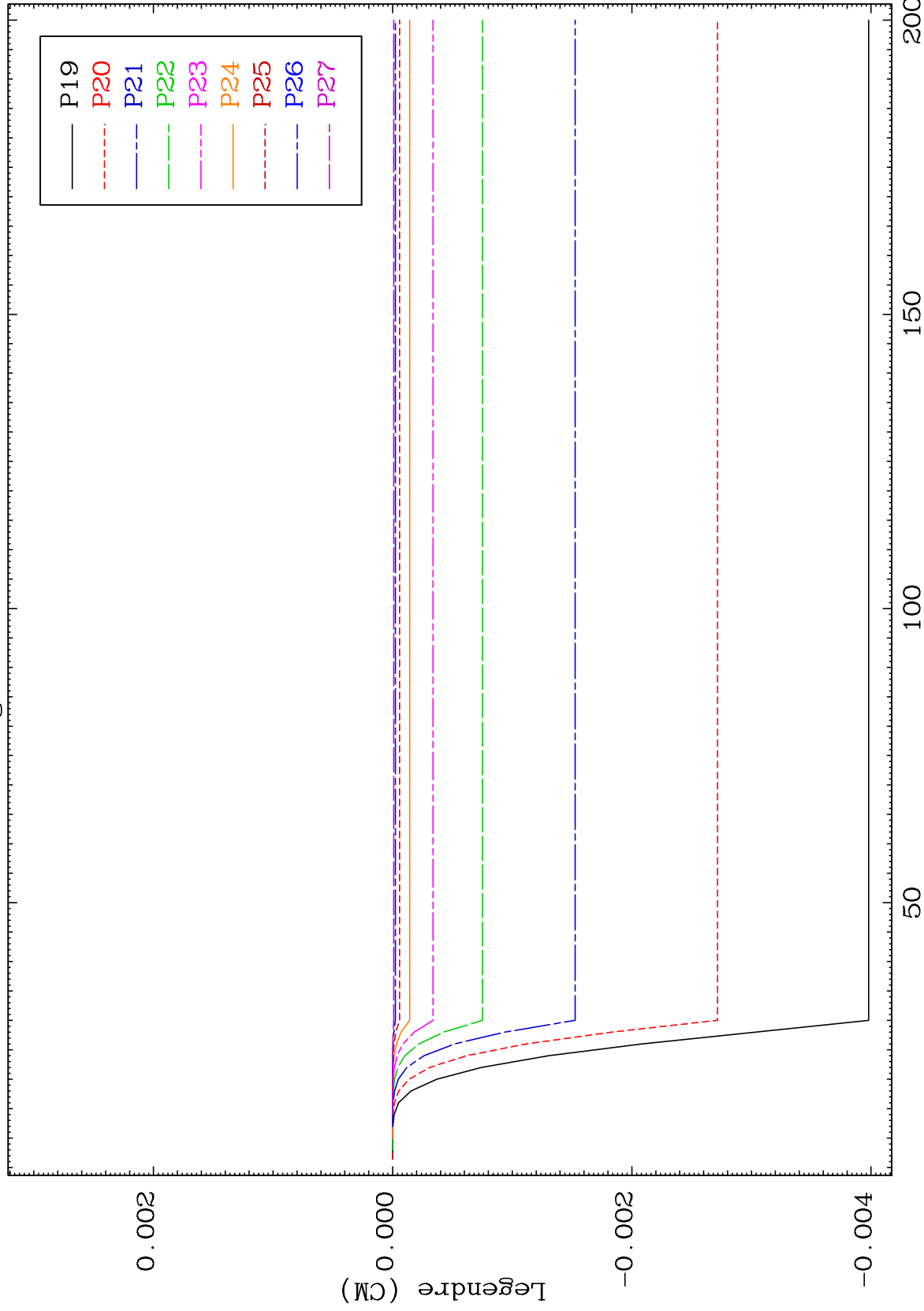


43 55-Cs-123

MAT 5495

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

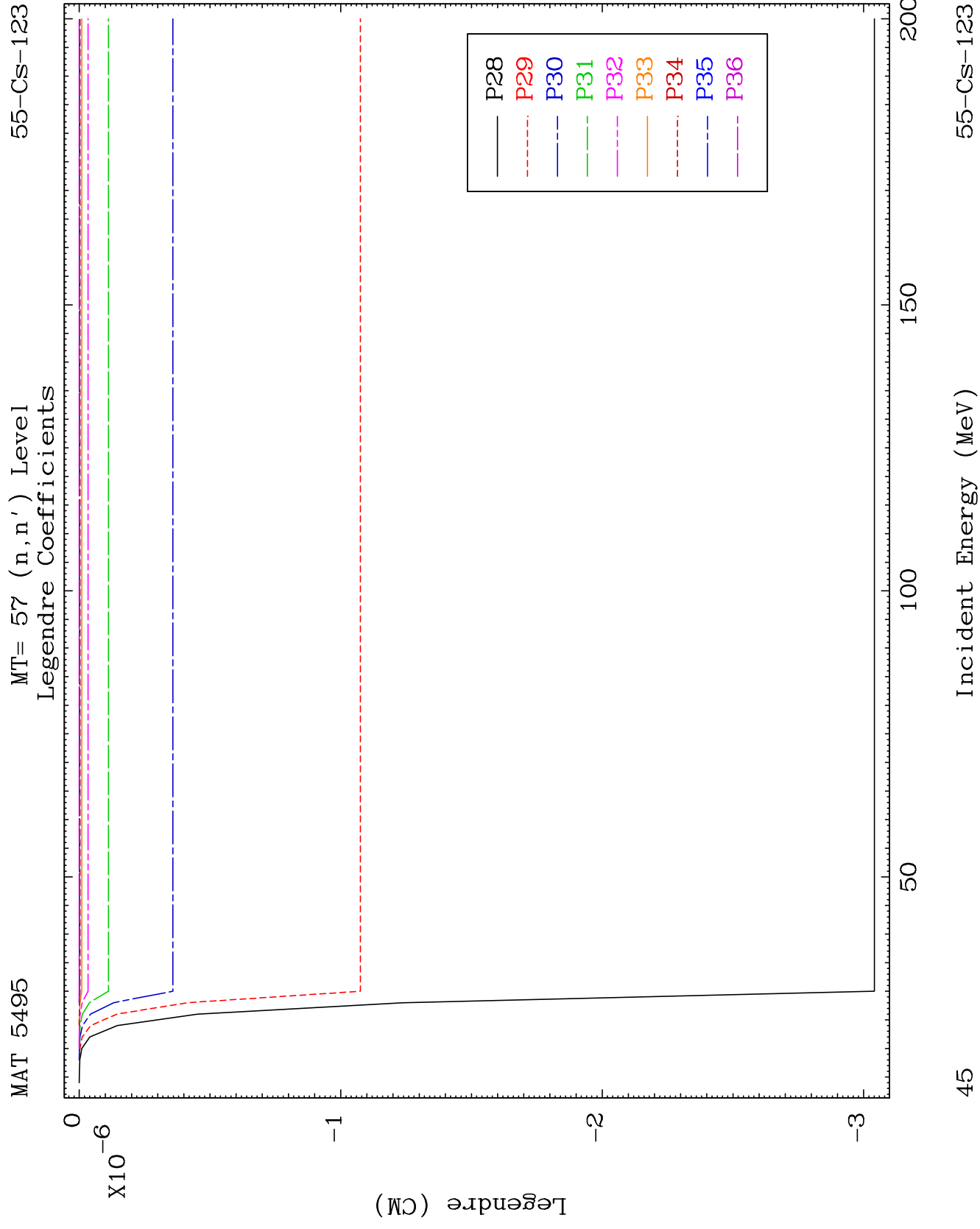
55-Cs-123



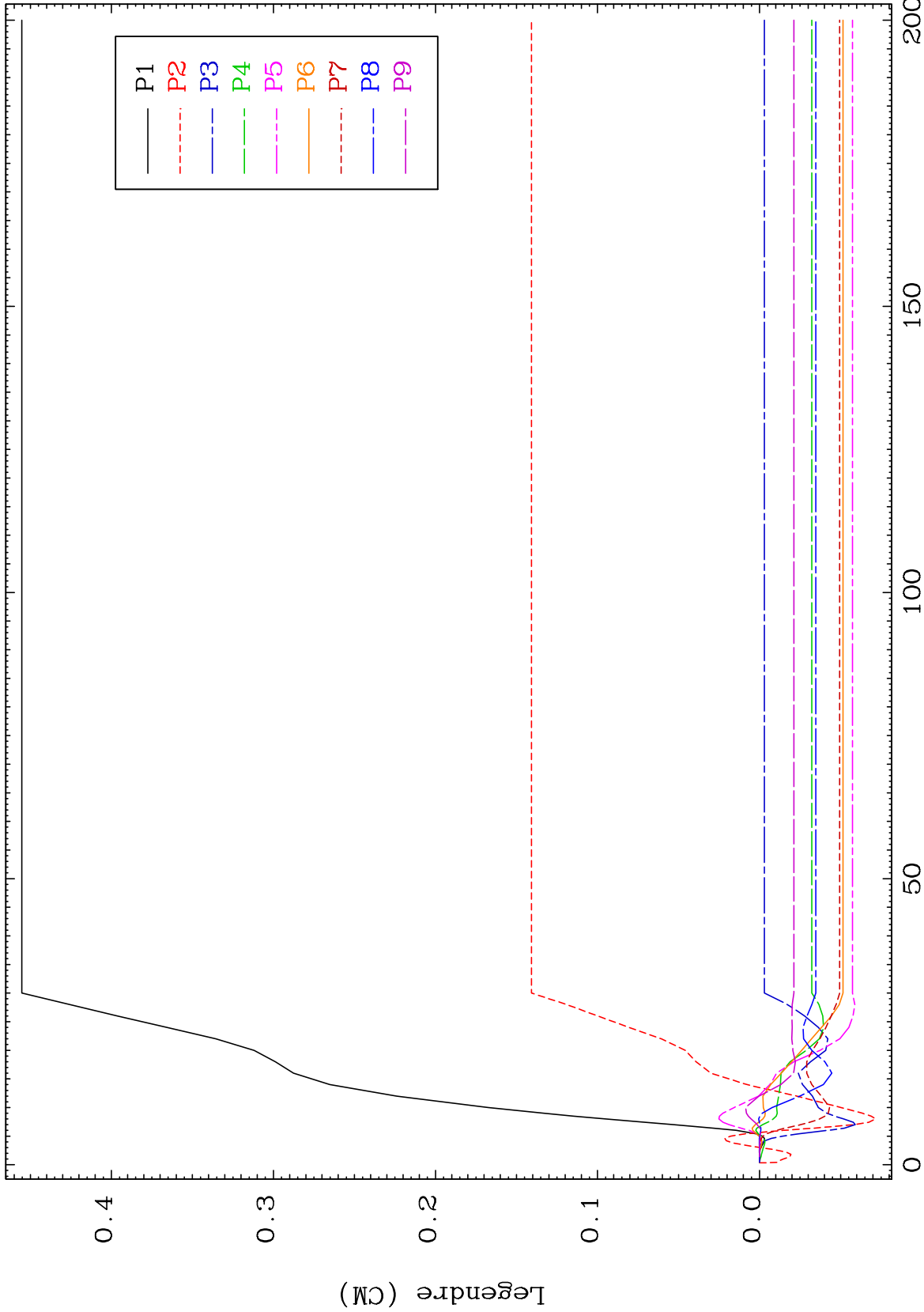
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Incident Energy (MeV)

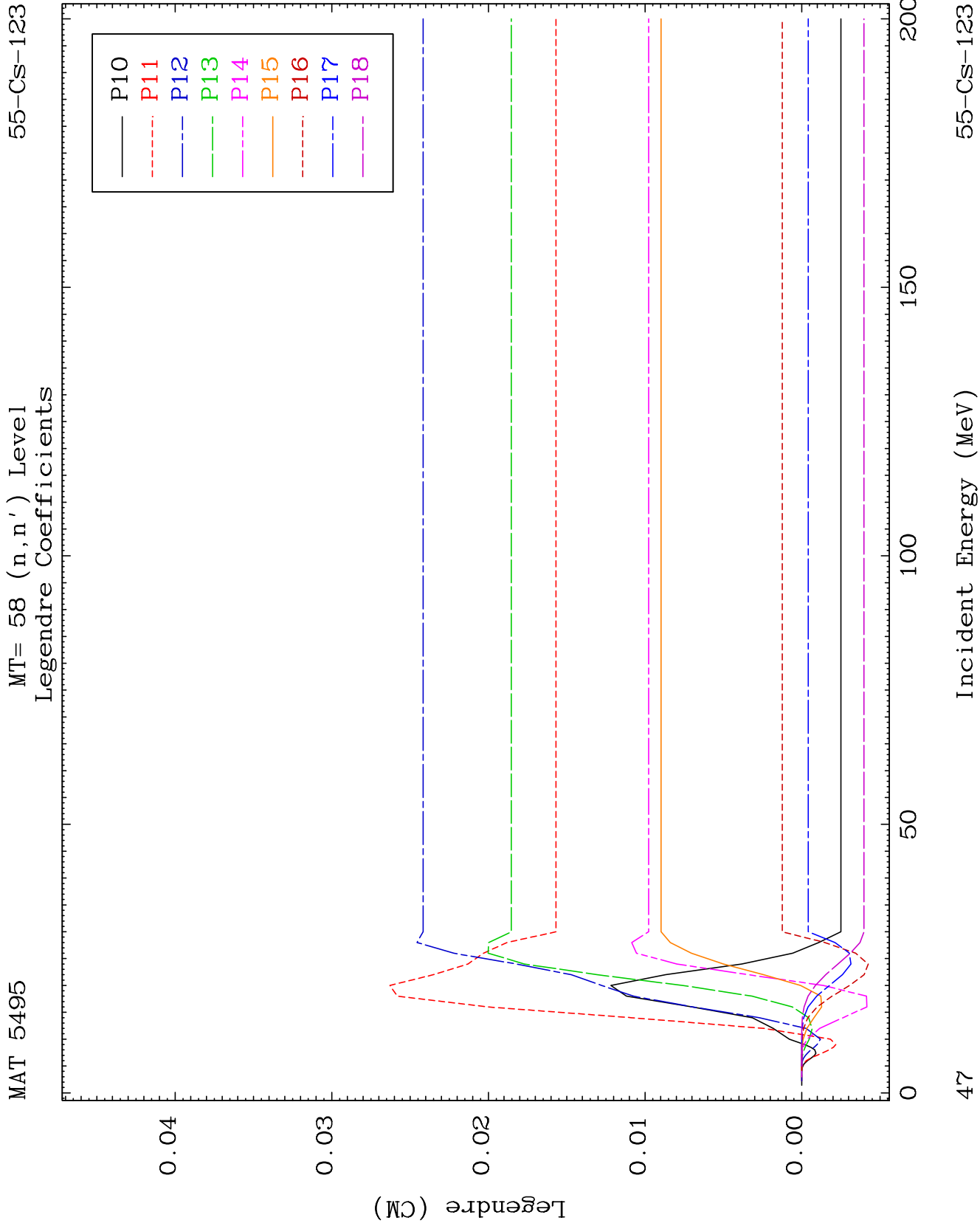
55-Cs-123



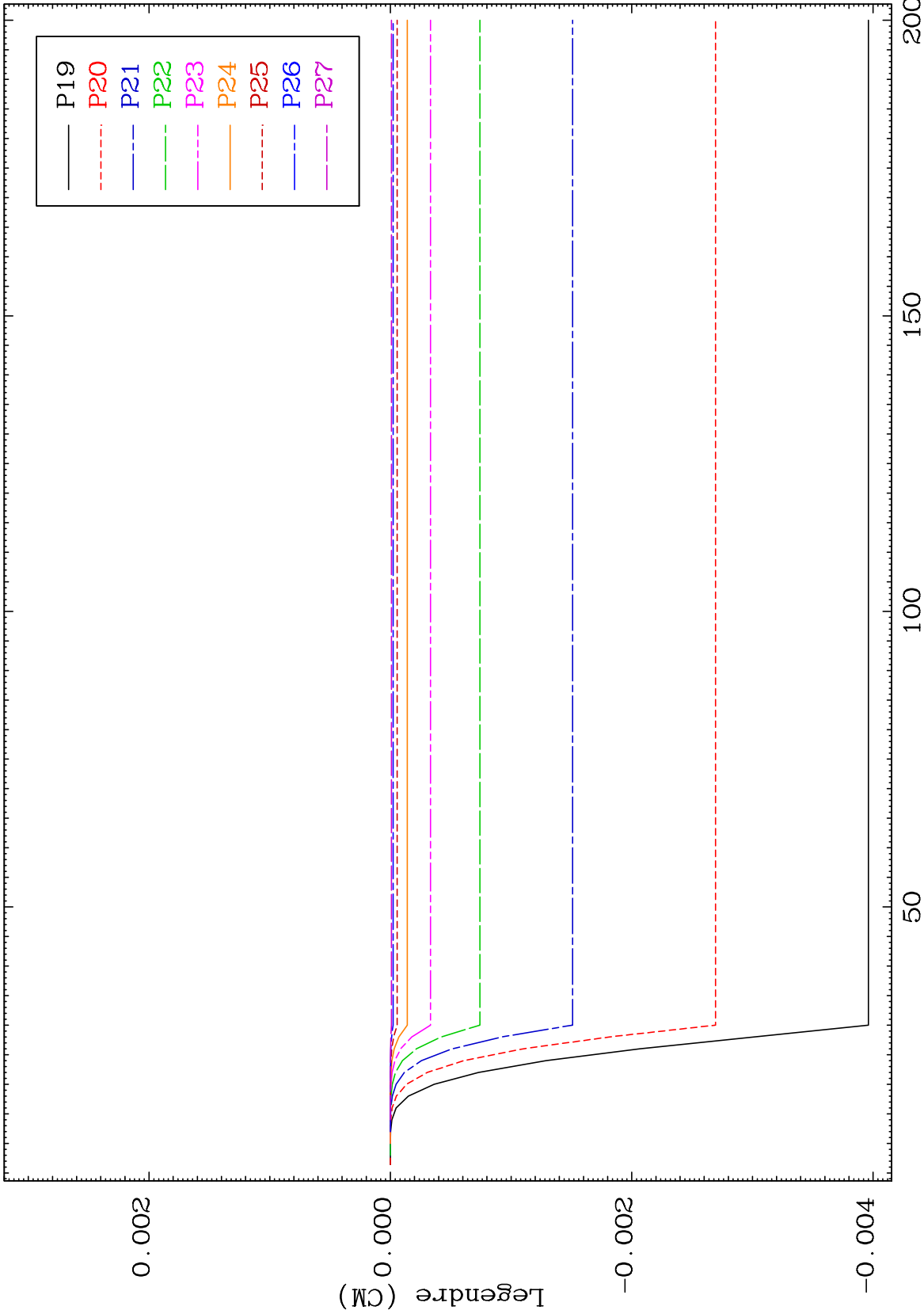
MAT 5495 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-123



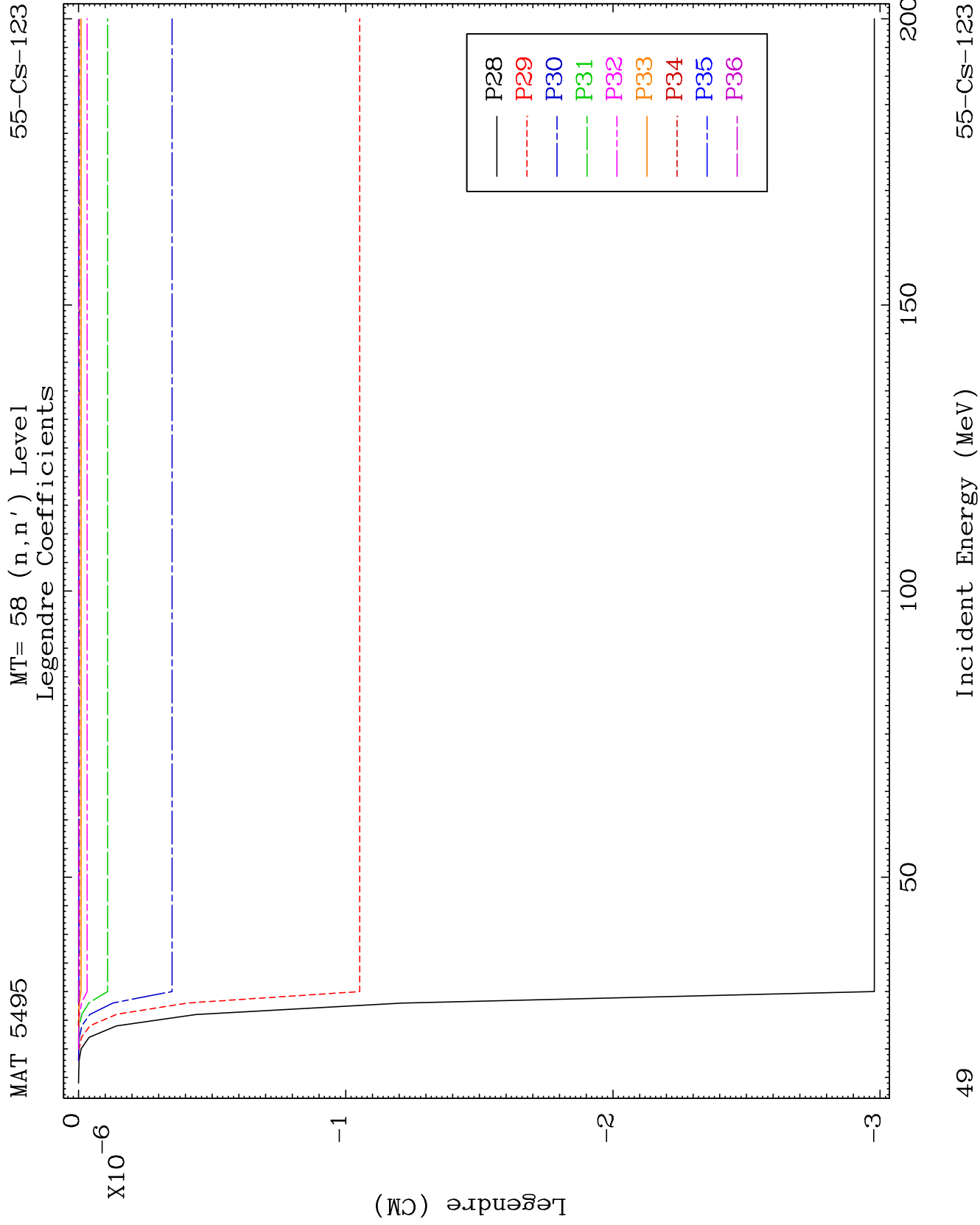
46 55-Cs-123



MAT 5495 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-123



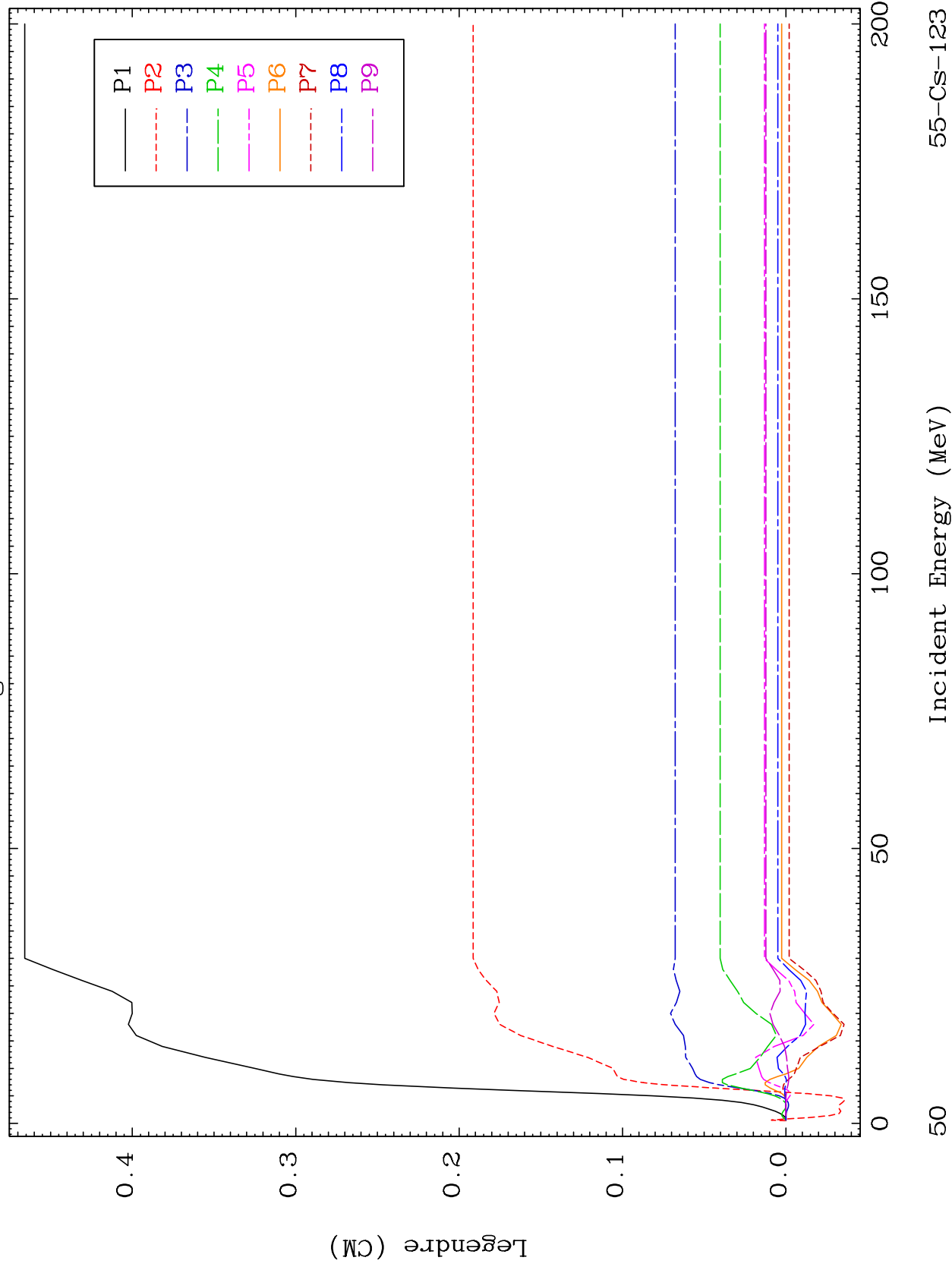
48 Incident Energy (MeV) 55-Cs-123

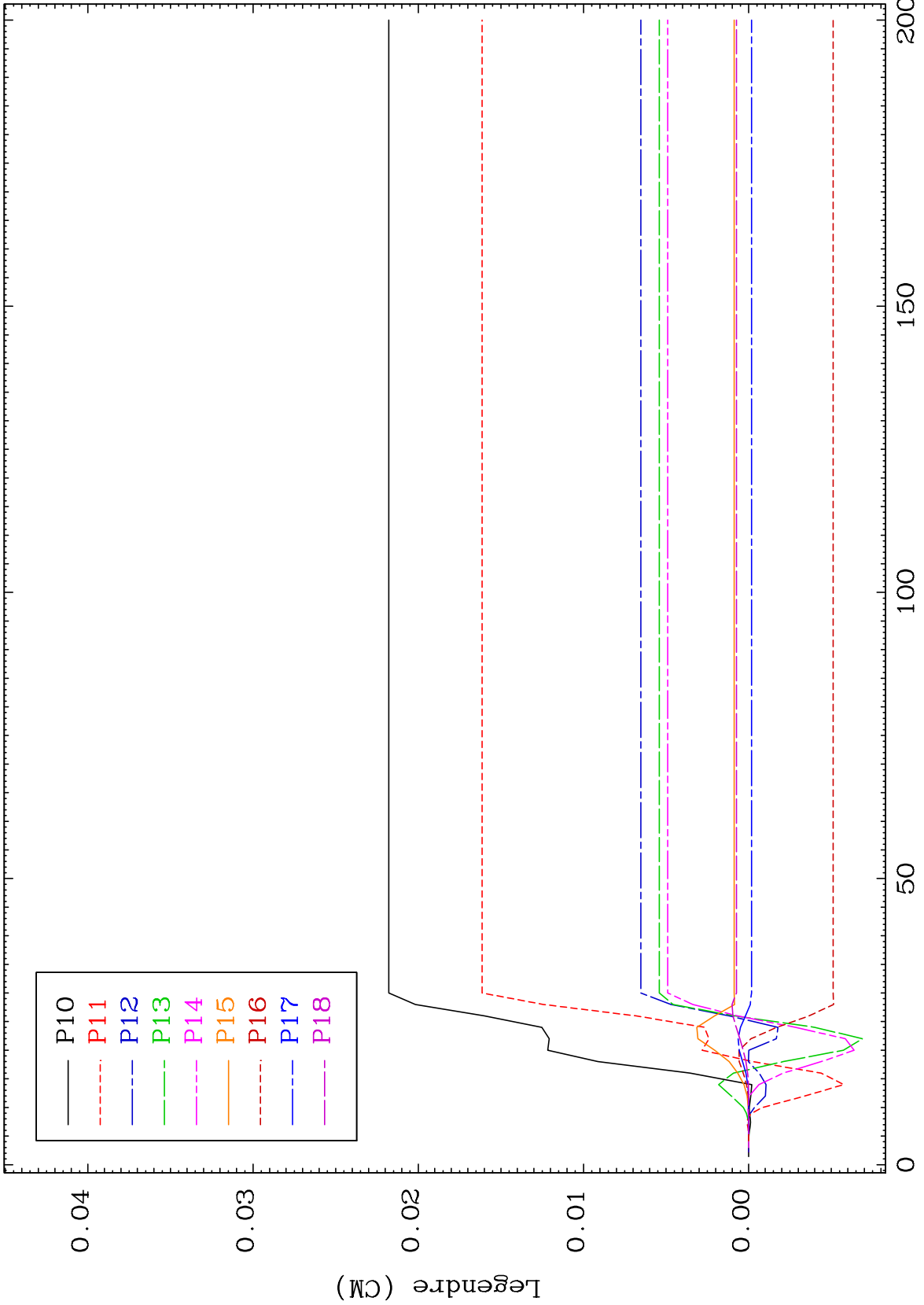


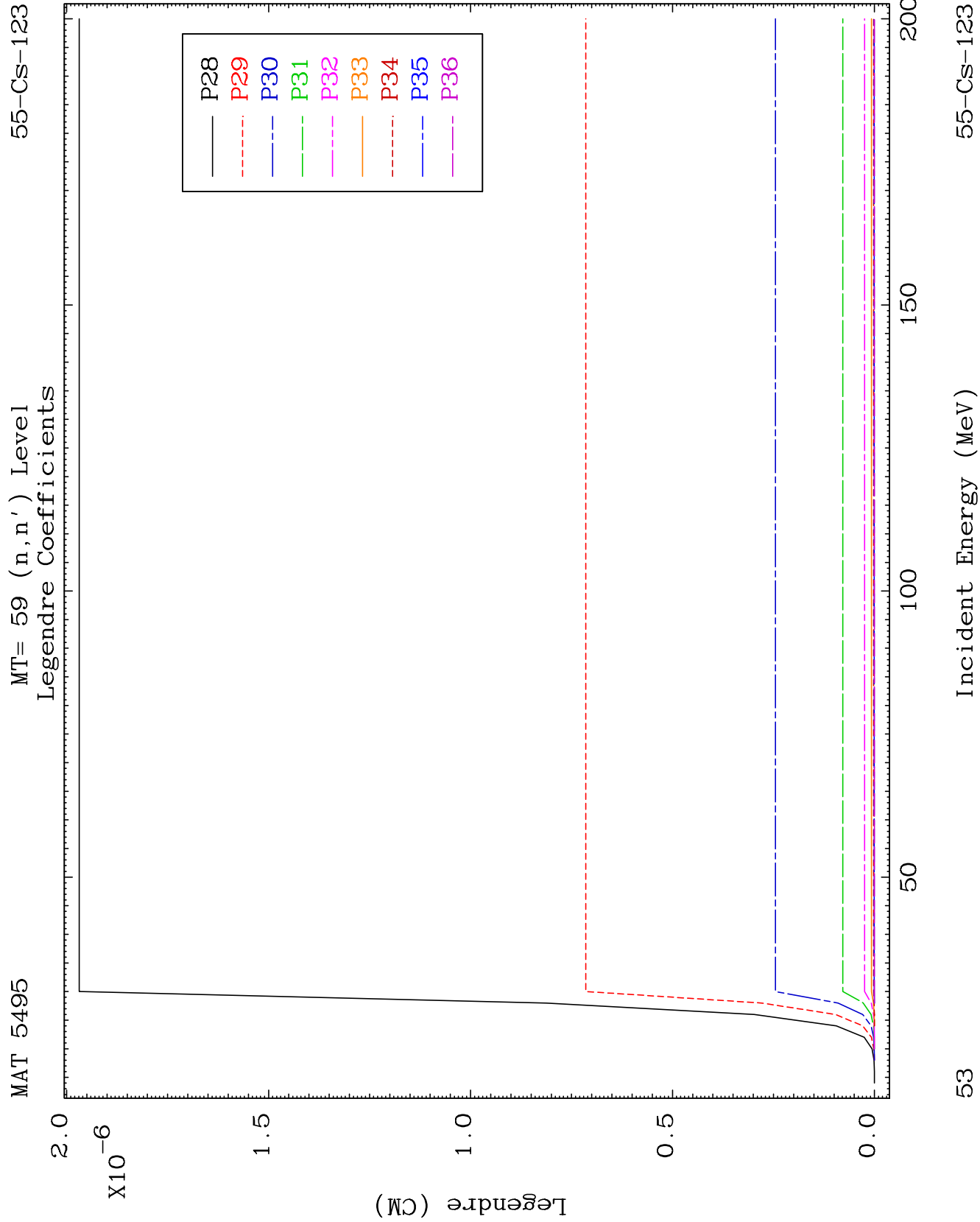
MAT 5495

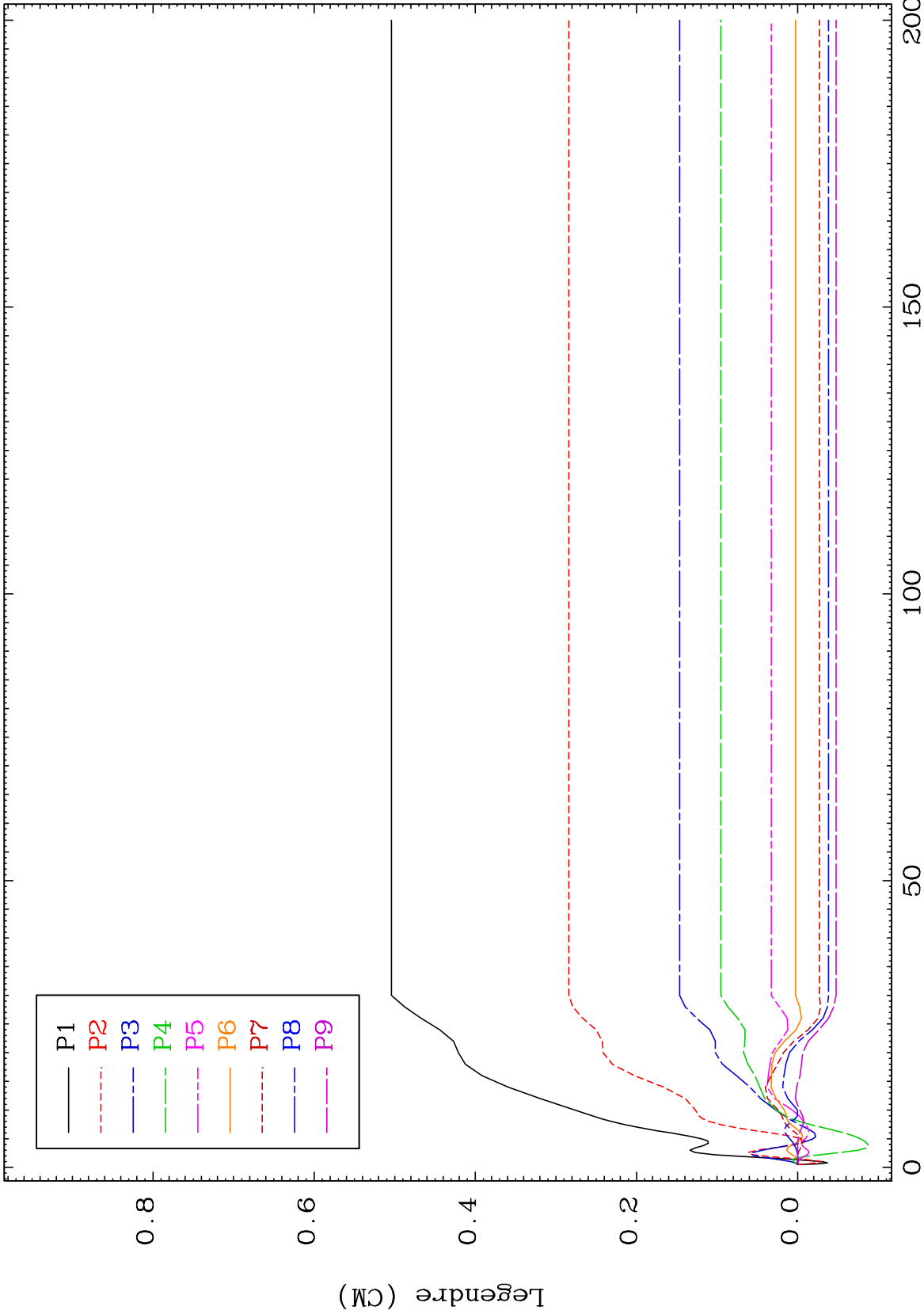
MT= 59 (n, n') Level
Legendre Coefficients

55-CS-123





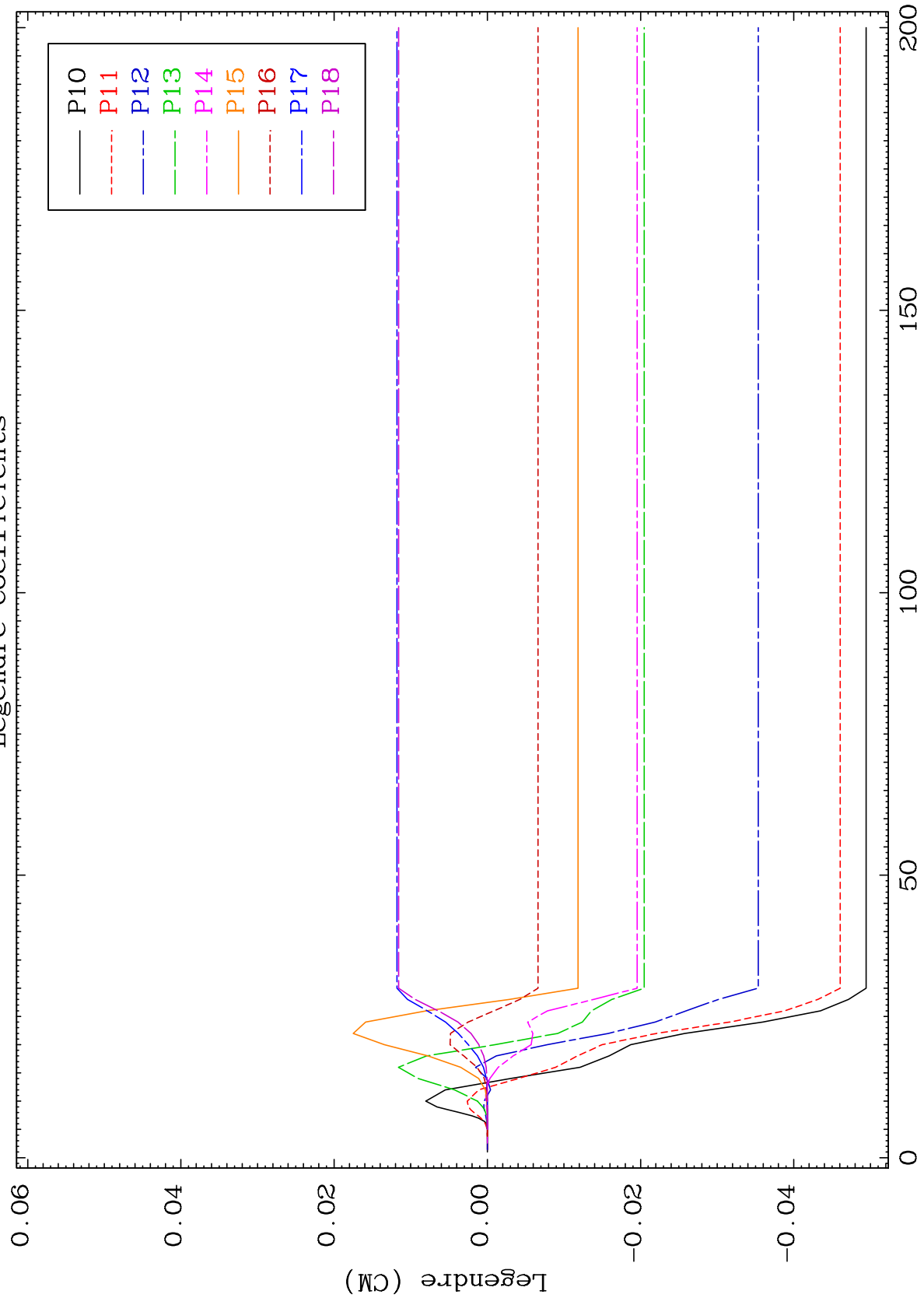




MAT 5495

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

55-CS-123



55

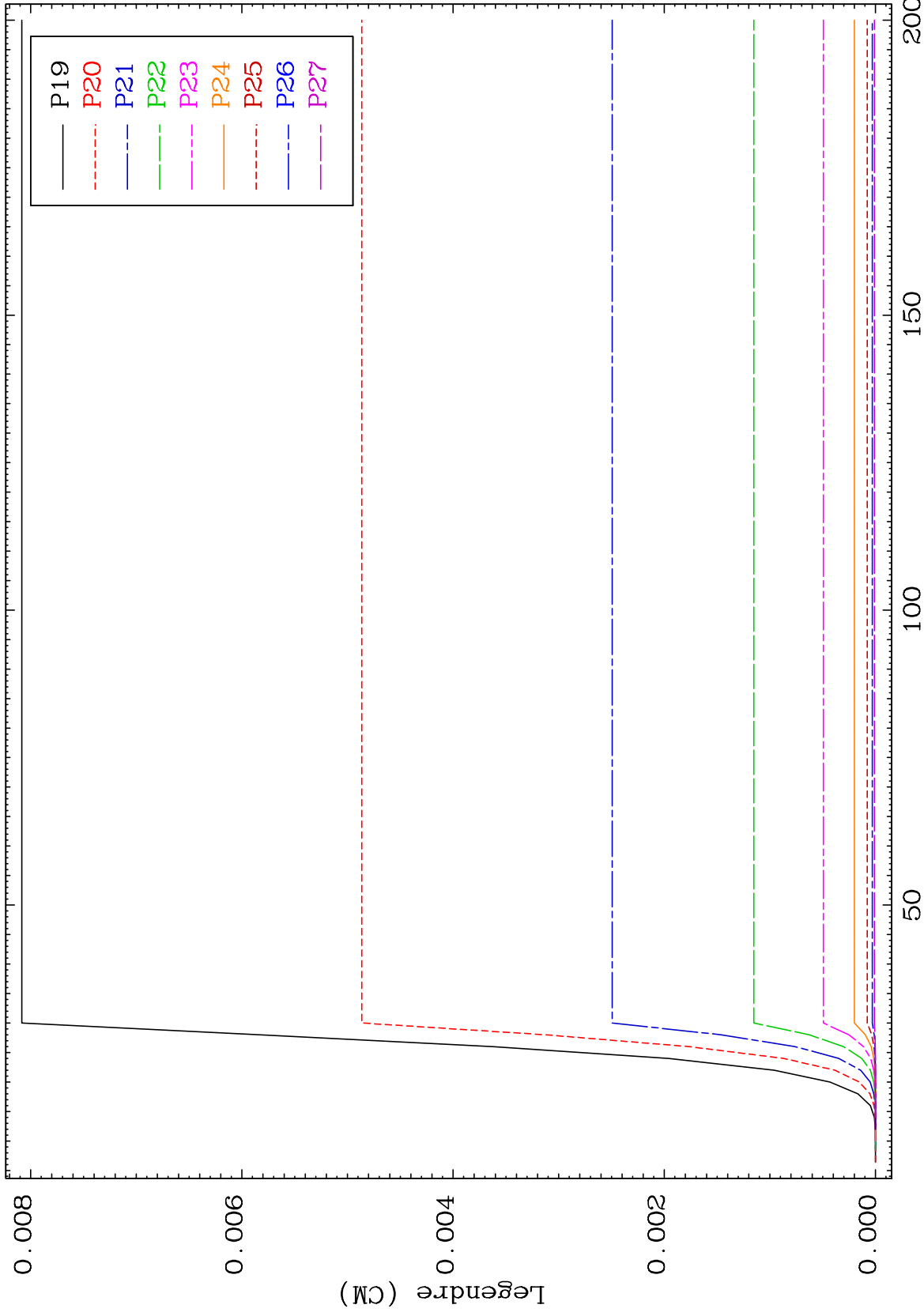
Incident Energy (MeV)

55-CS-123

MAT 5495

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

55-Cs-123



56

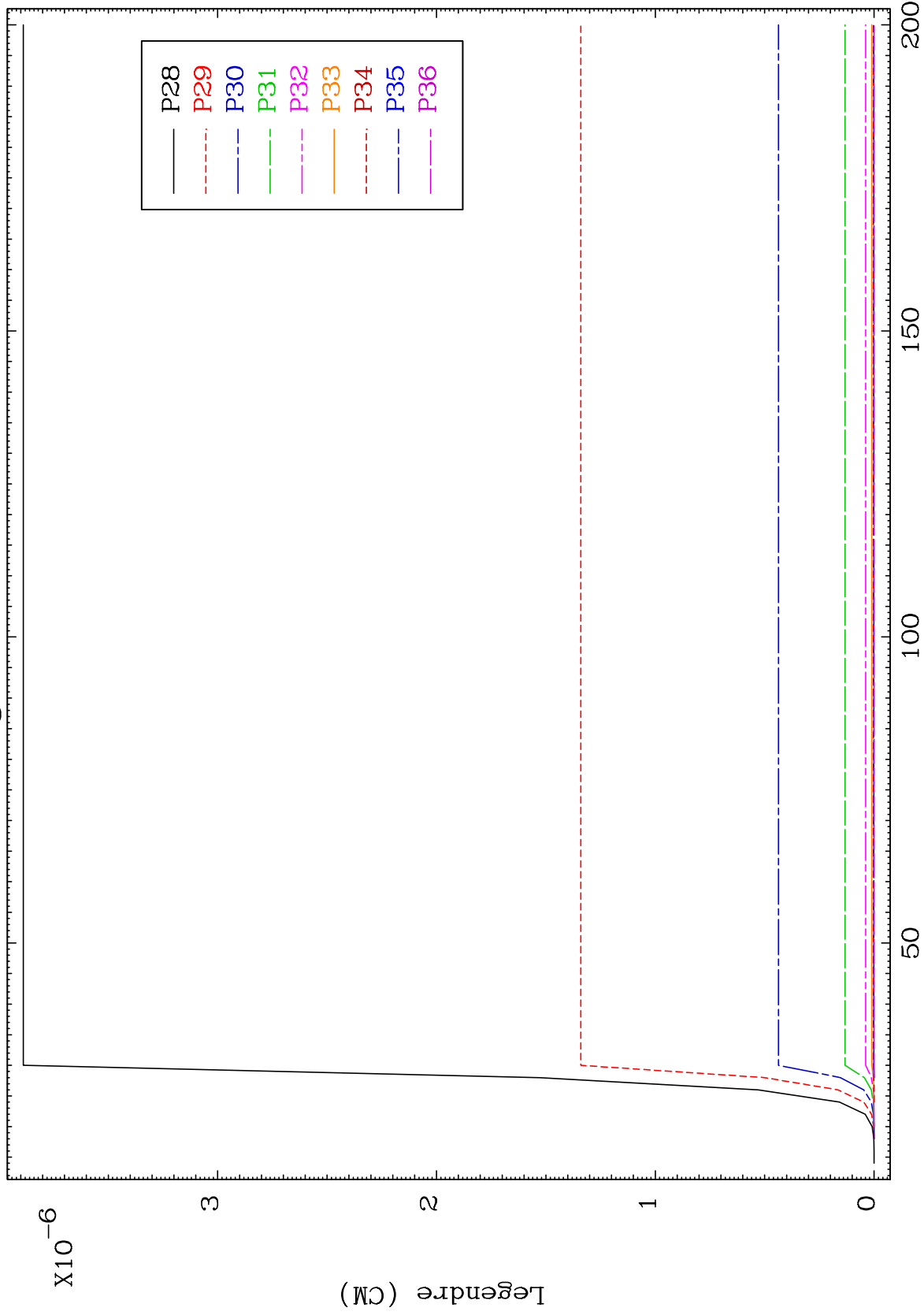
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

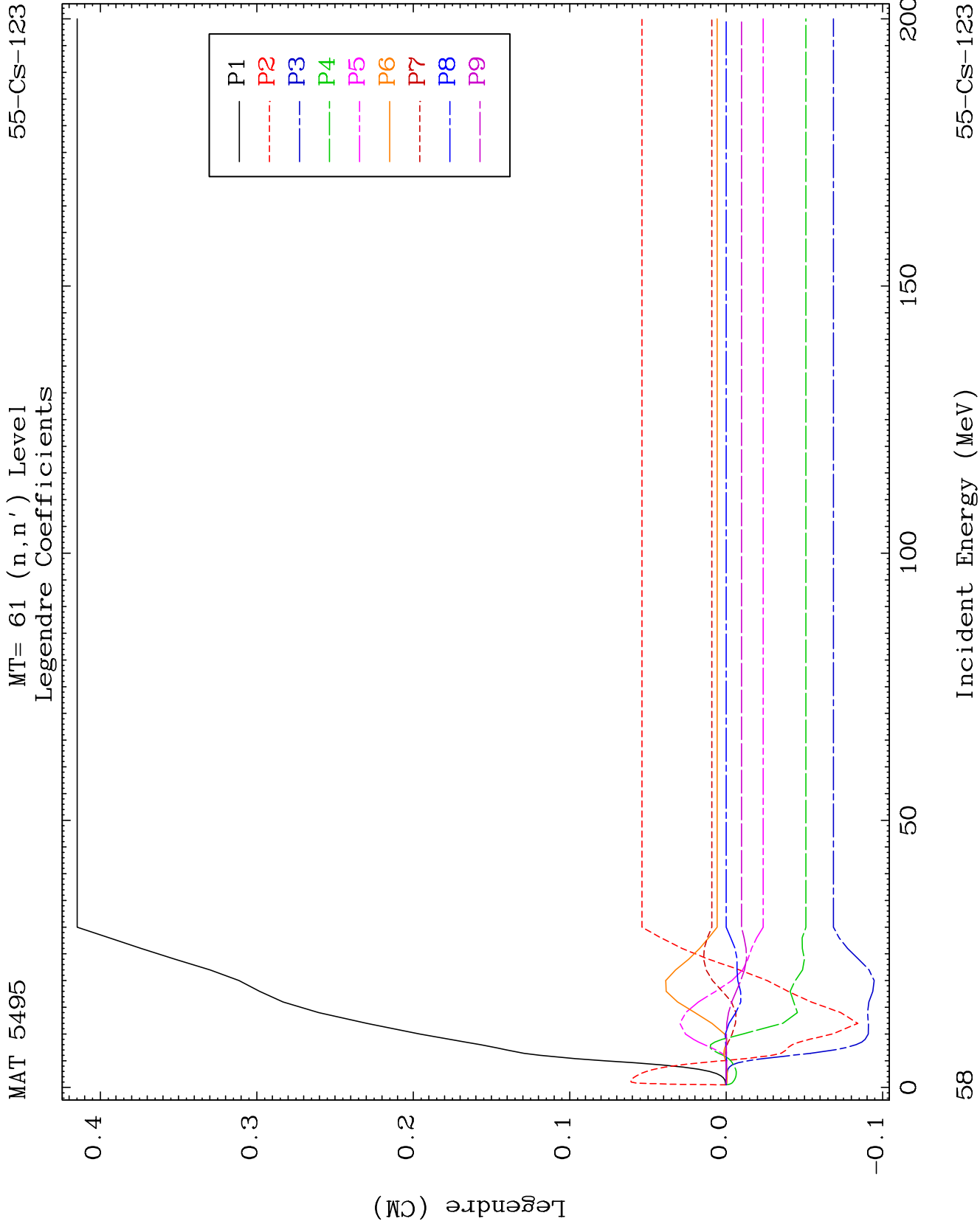
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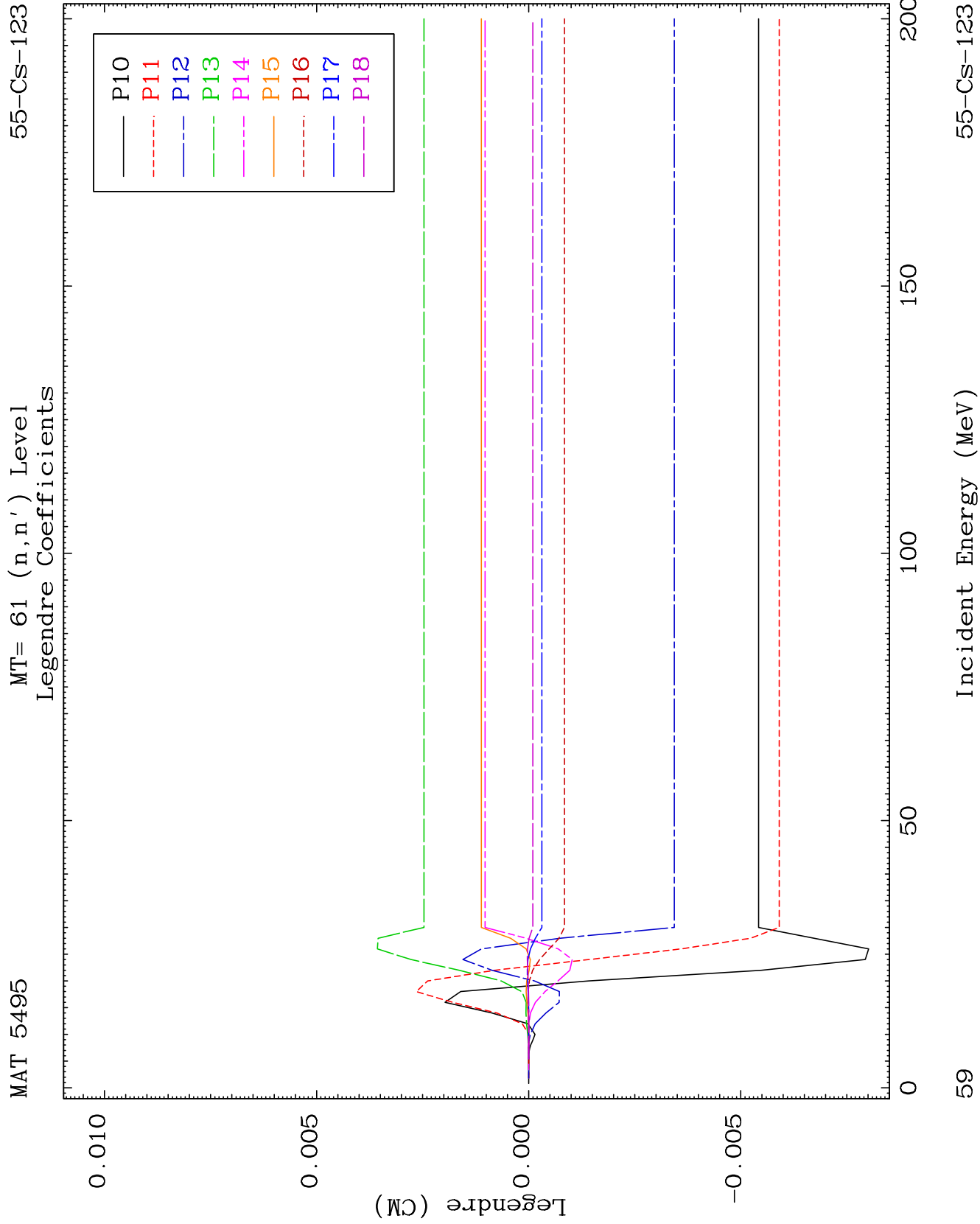


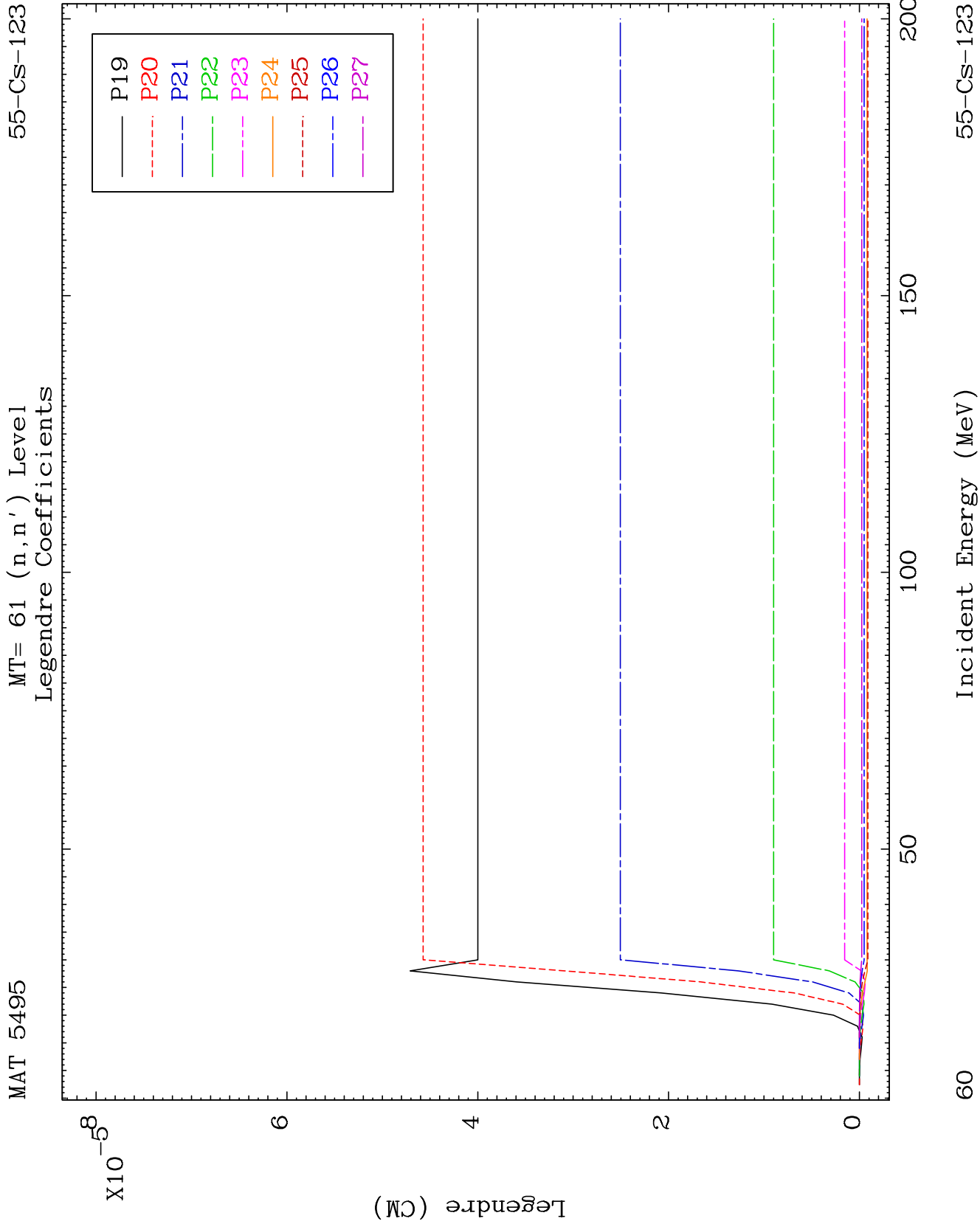
57

Incident Energy (MeV)

55-Cs-123



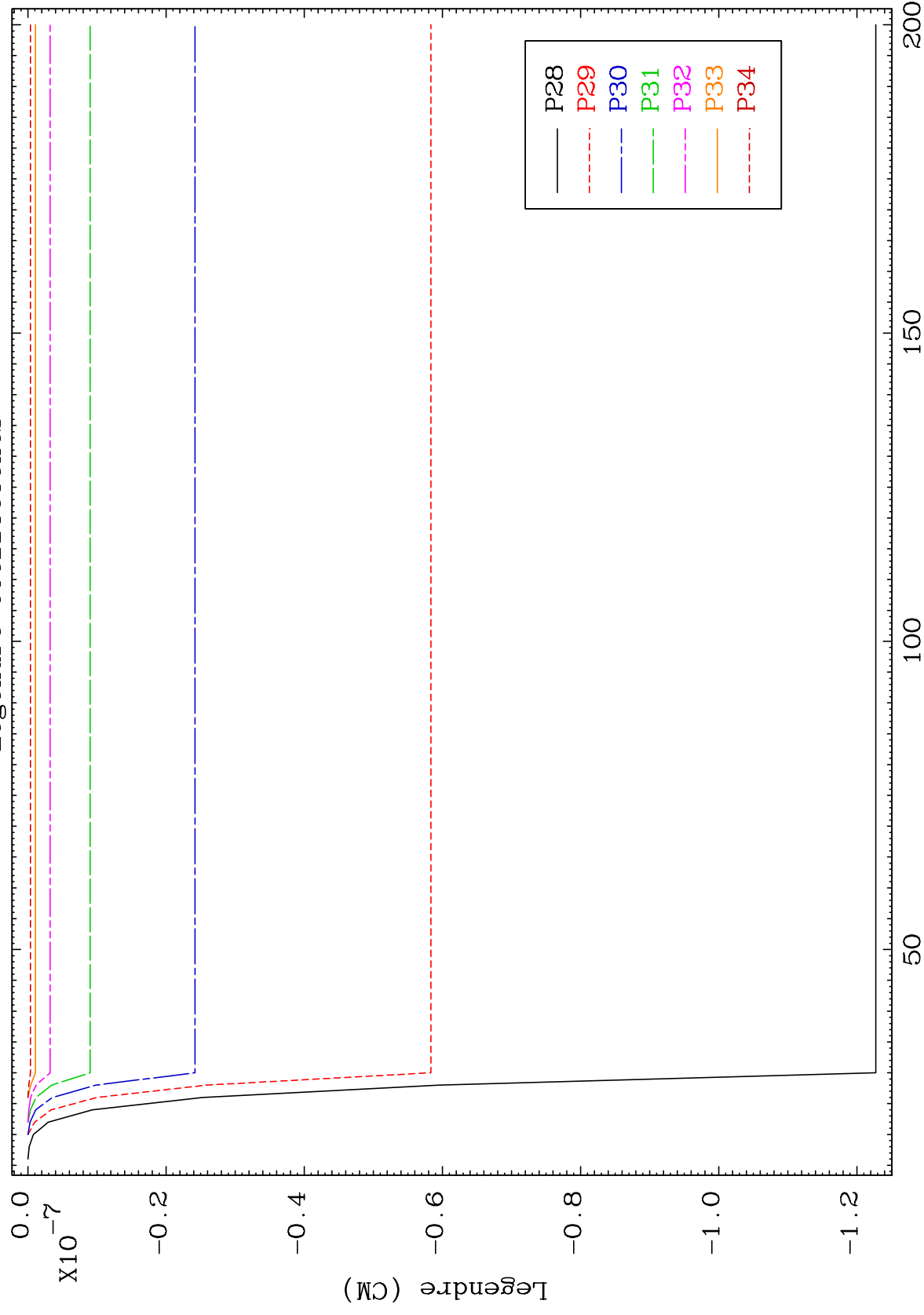




MAT 5495

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

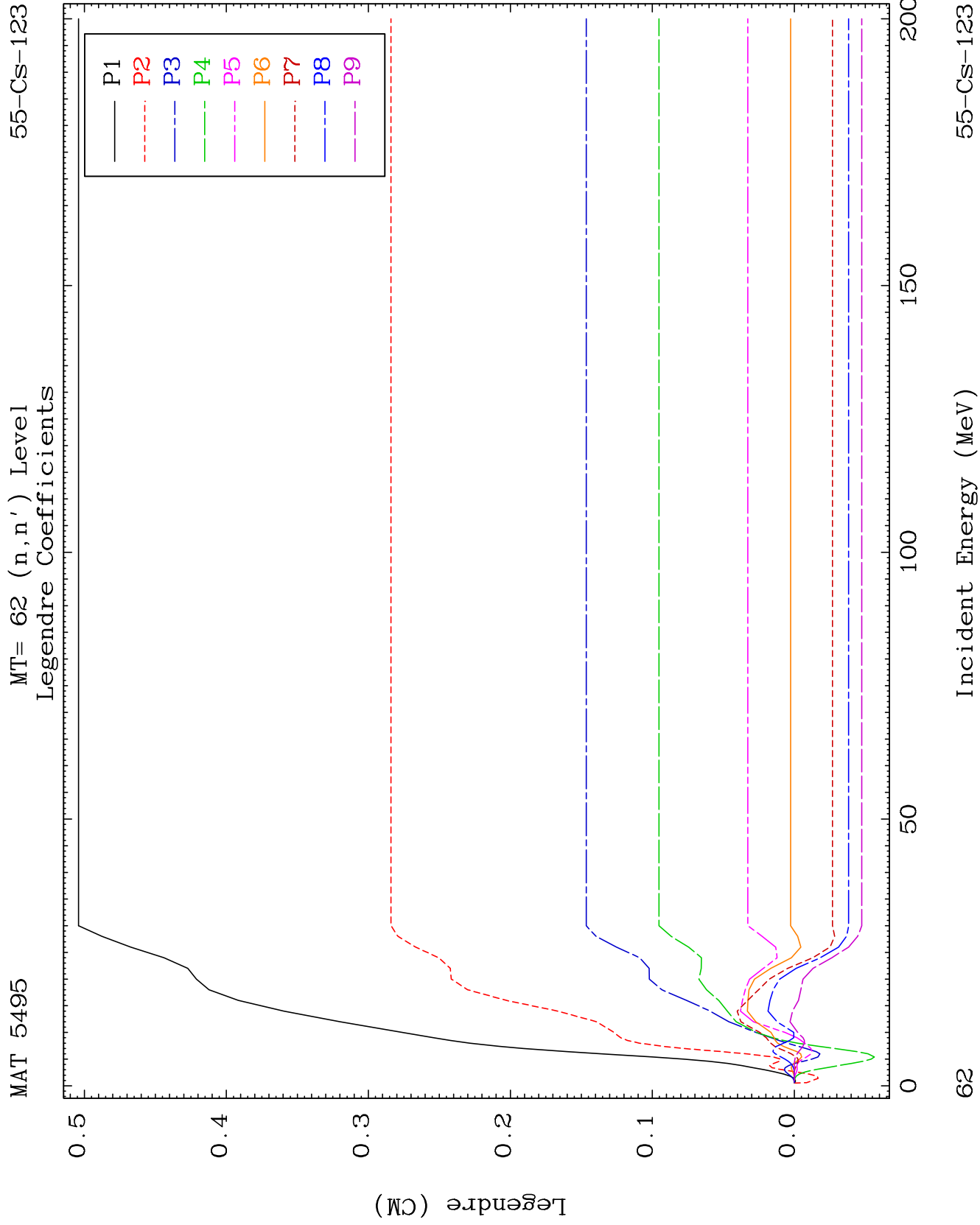
55-CS-123



61

Incident Energy (MeV)

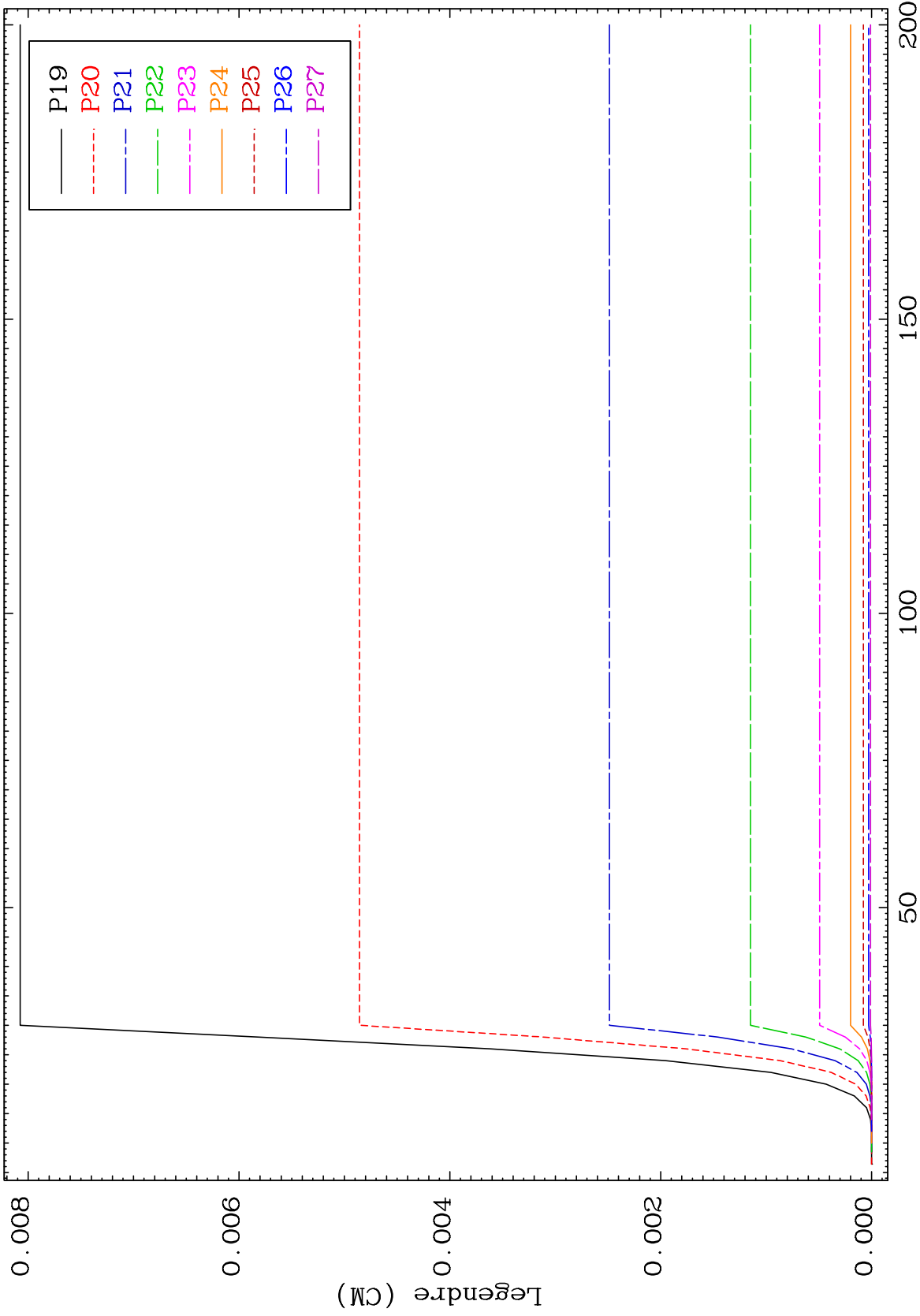
55-CS-123



MAT 5495

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

55-Cs-123



64

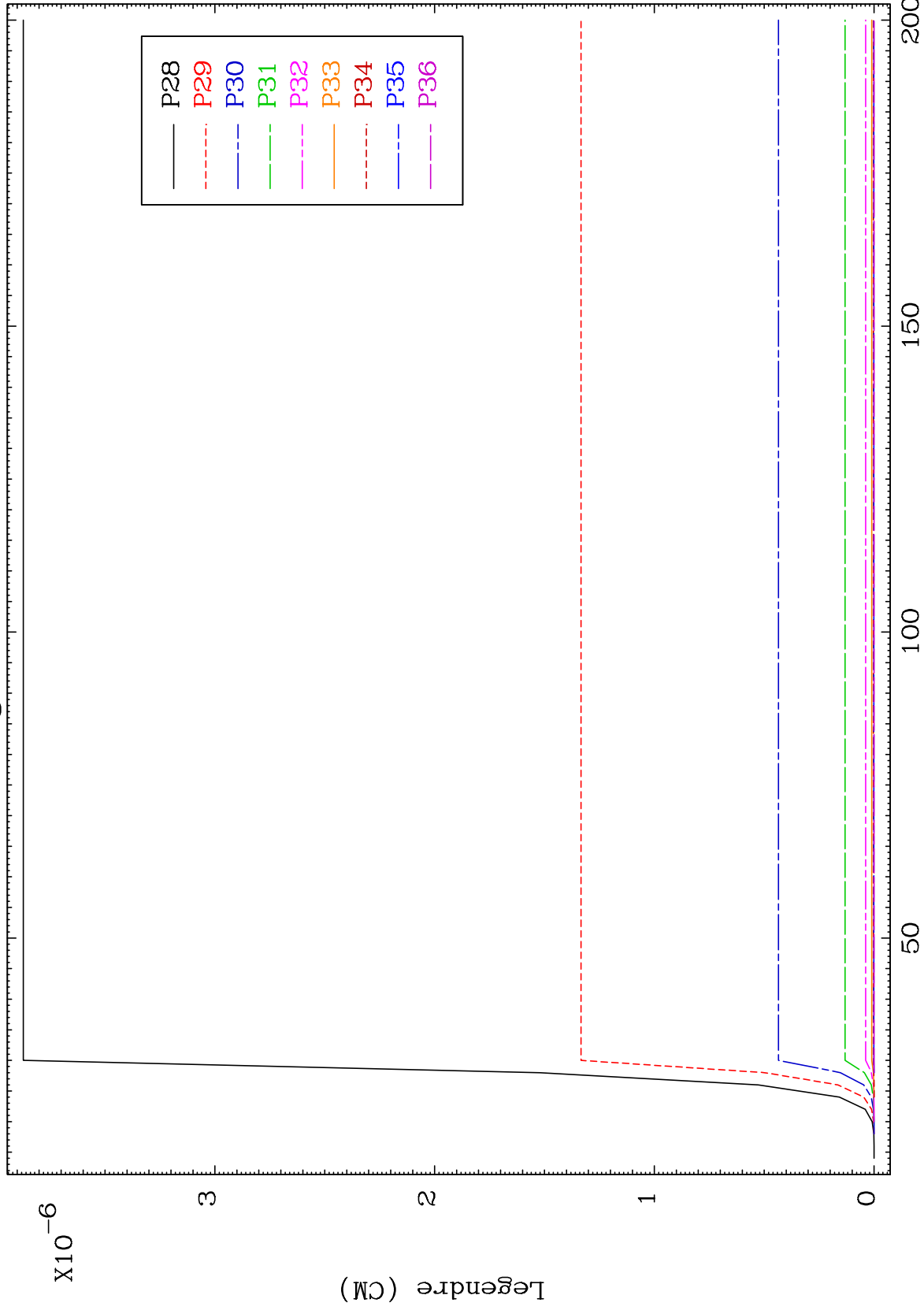
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

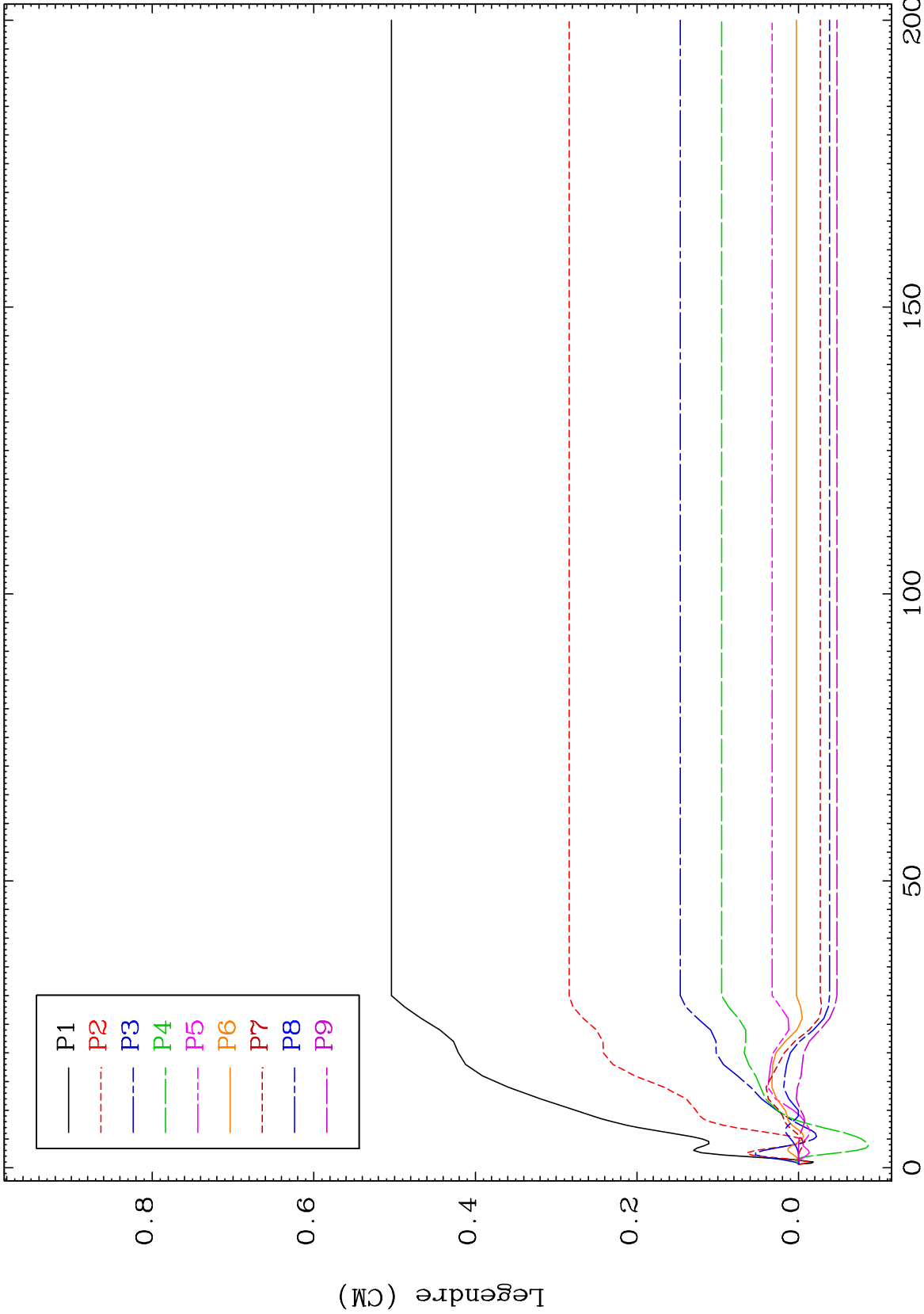
55-Cs-123



65

Incident Energy (MeV)

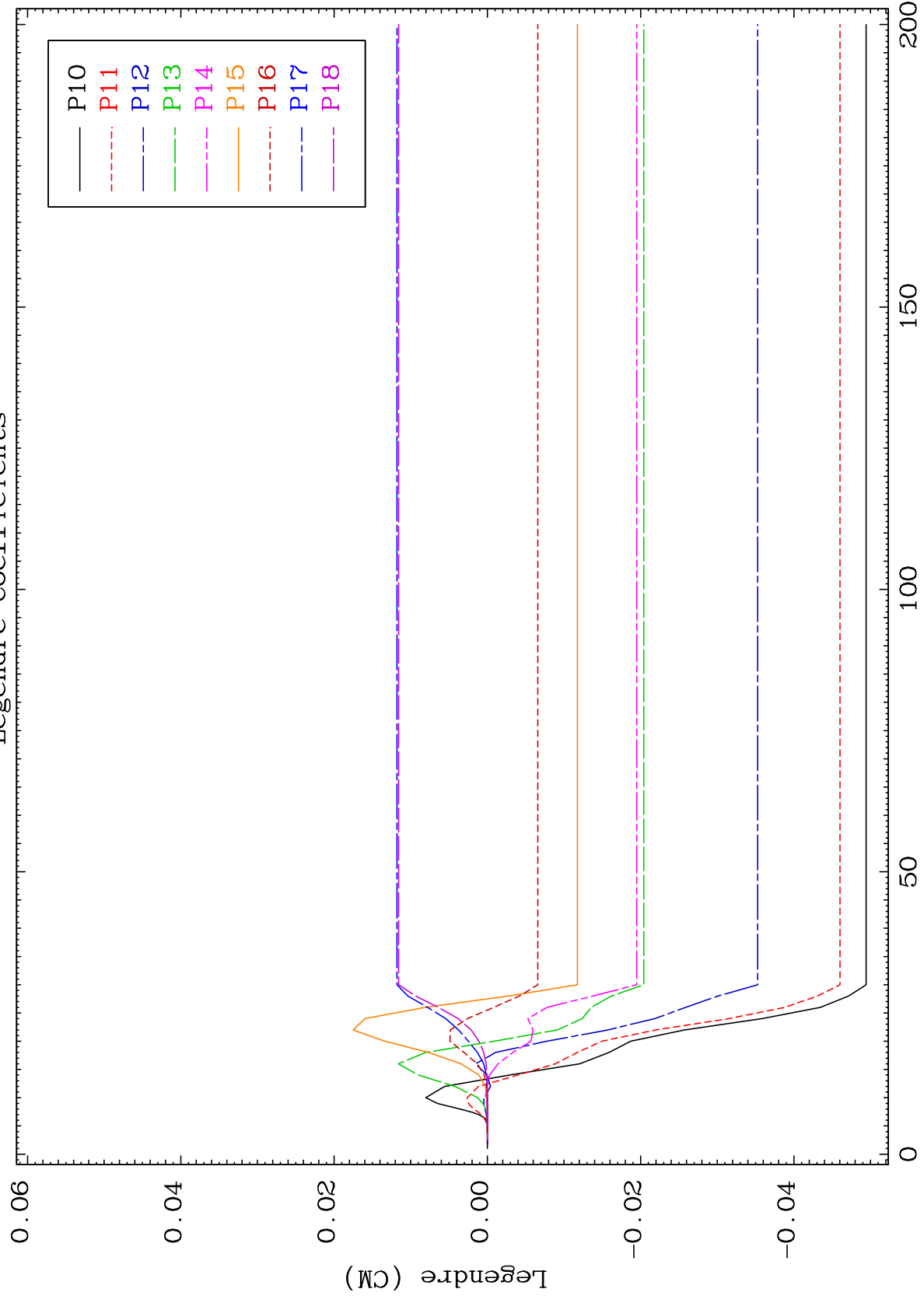
55-Cs-123



MAT 5495

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

55-CS-123



29

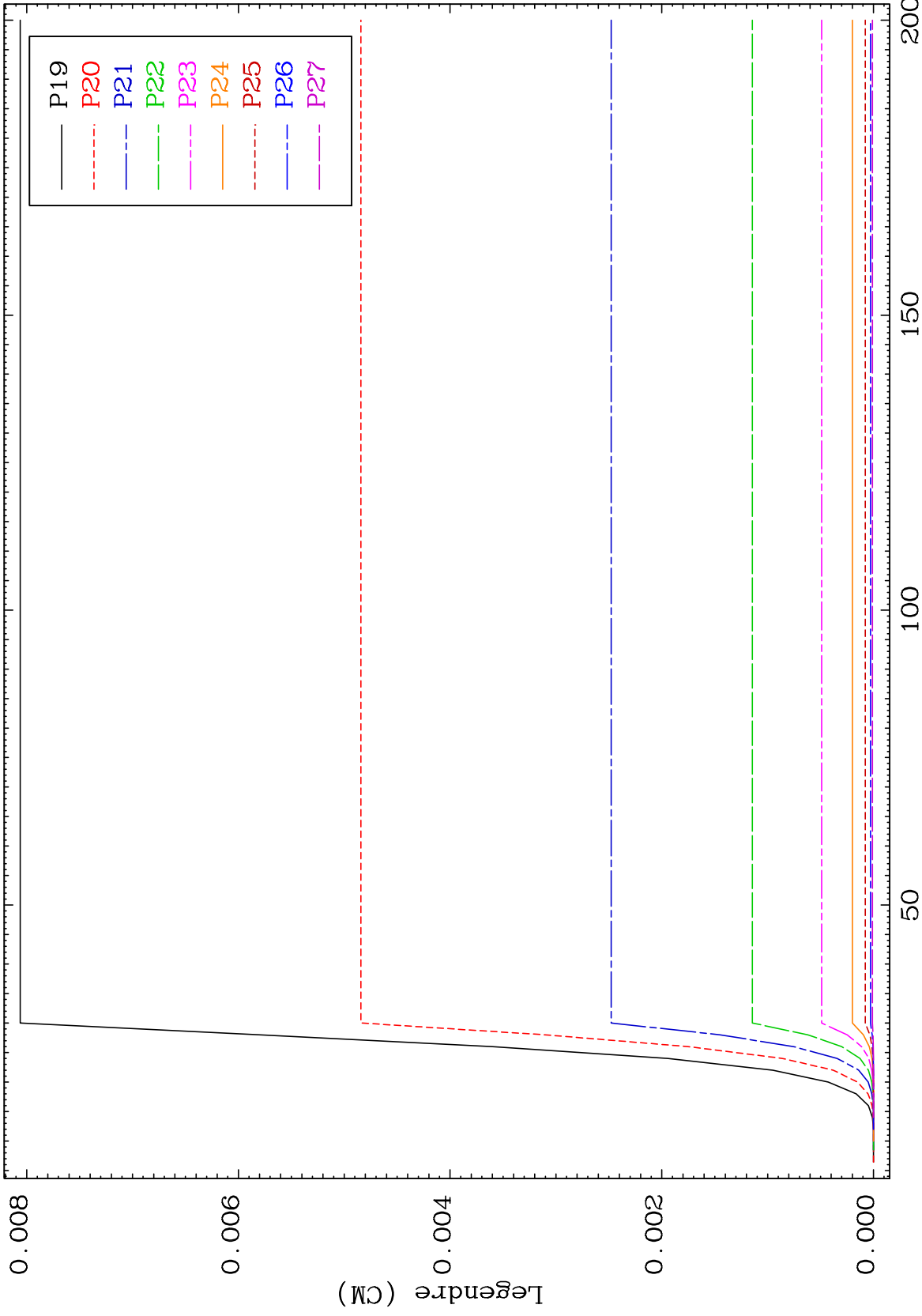
Incident Energy (MeV)

55-CS-123

MAT 5495

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

55-Cs-123



68

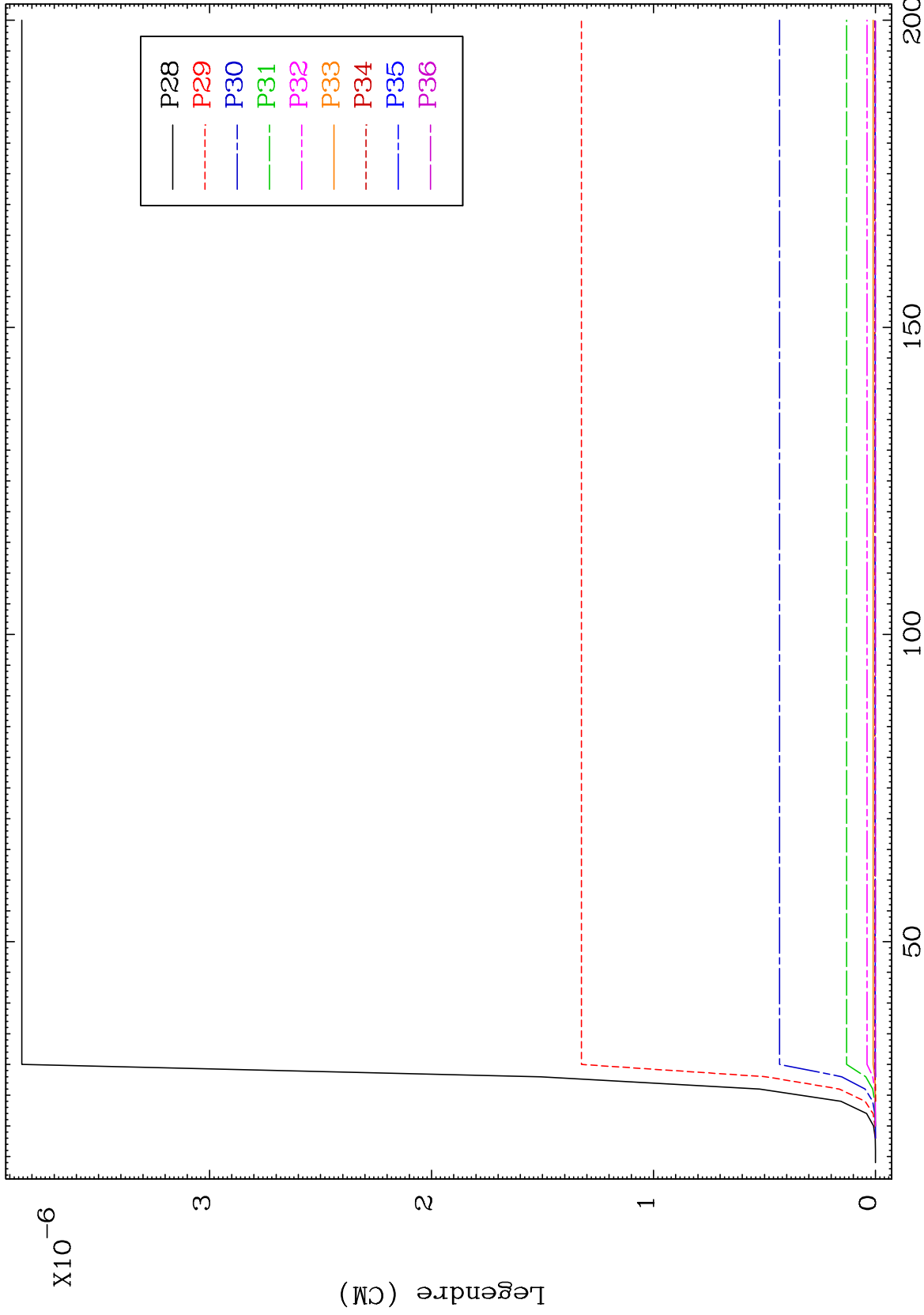
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123

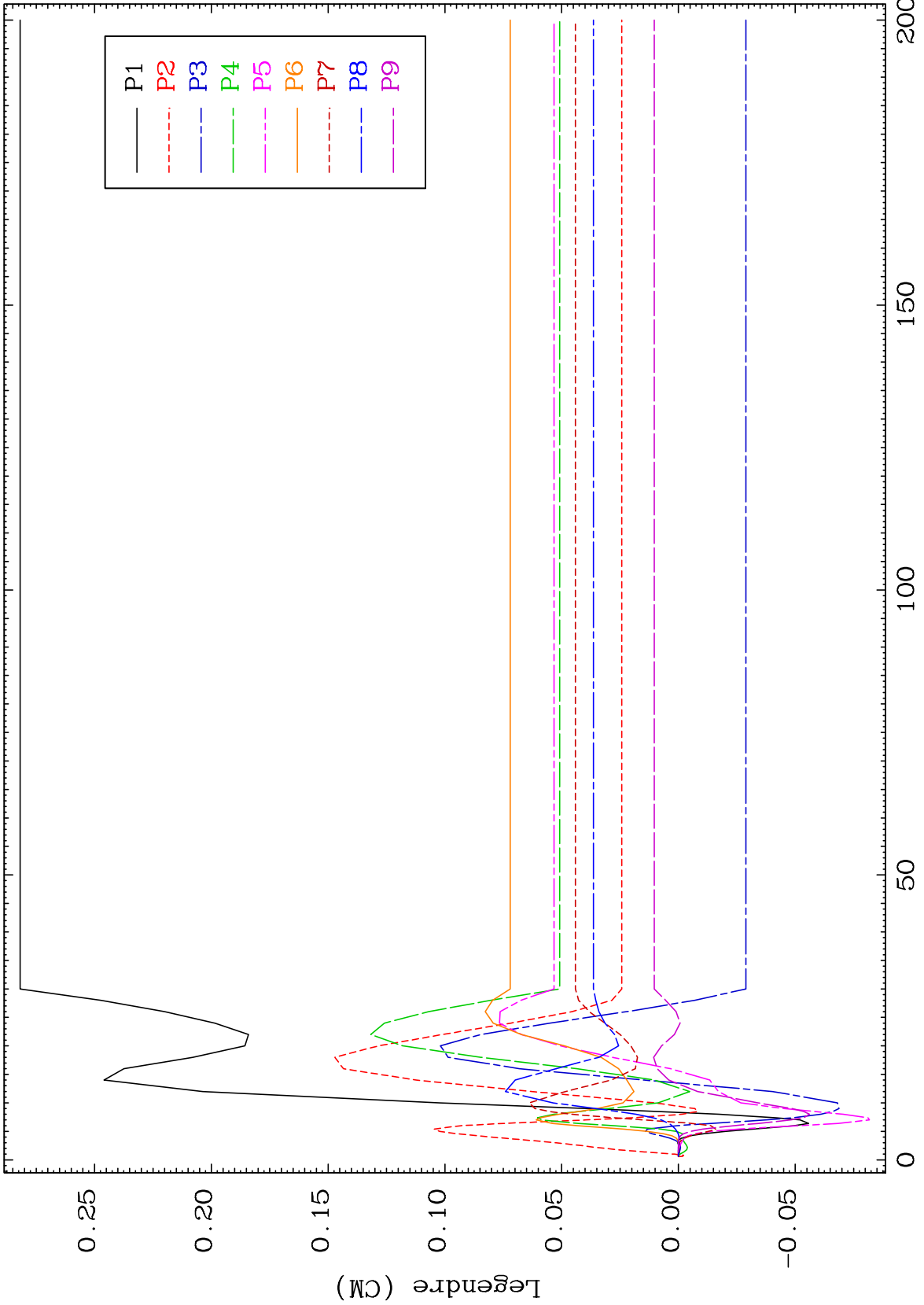


69

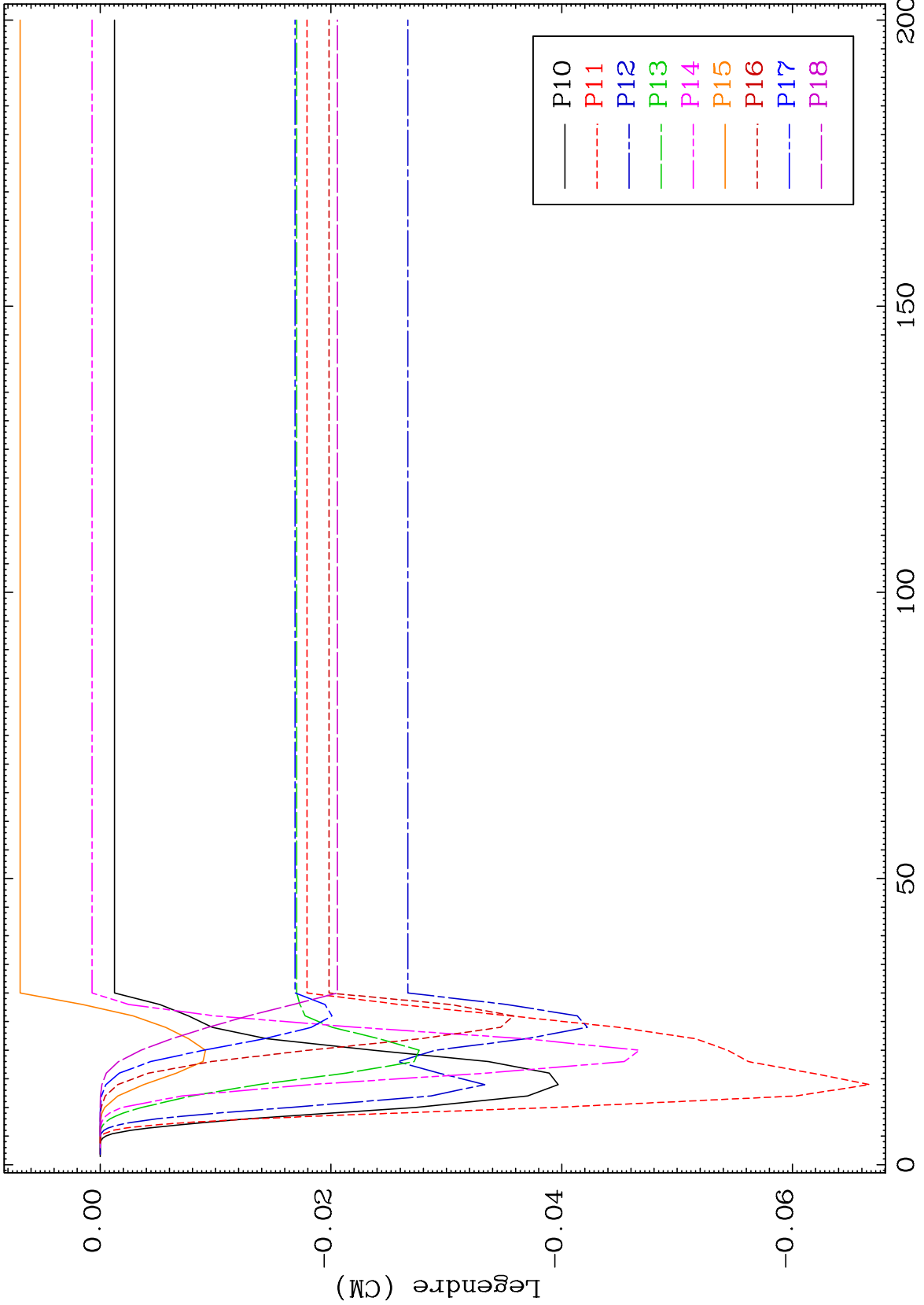
Incident Energy (MeV)

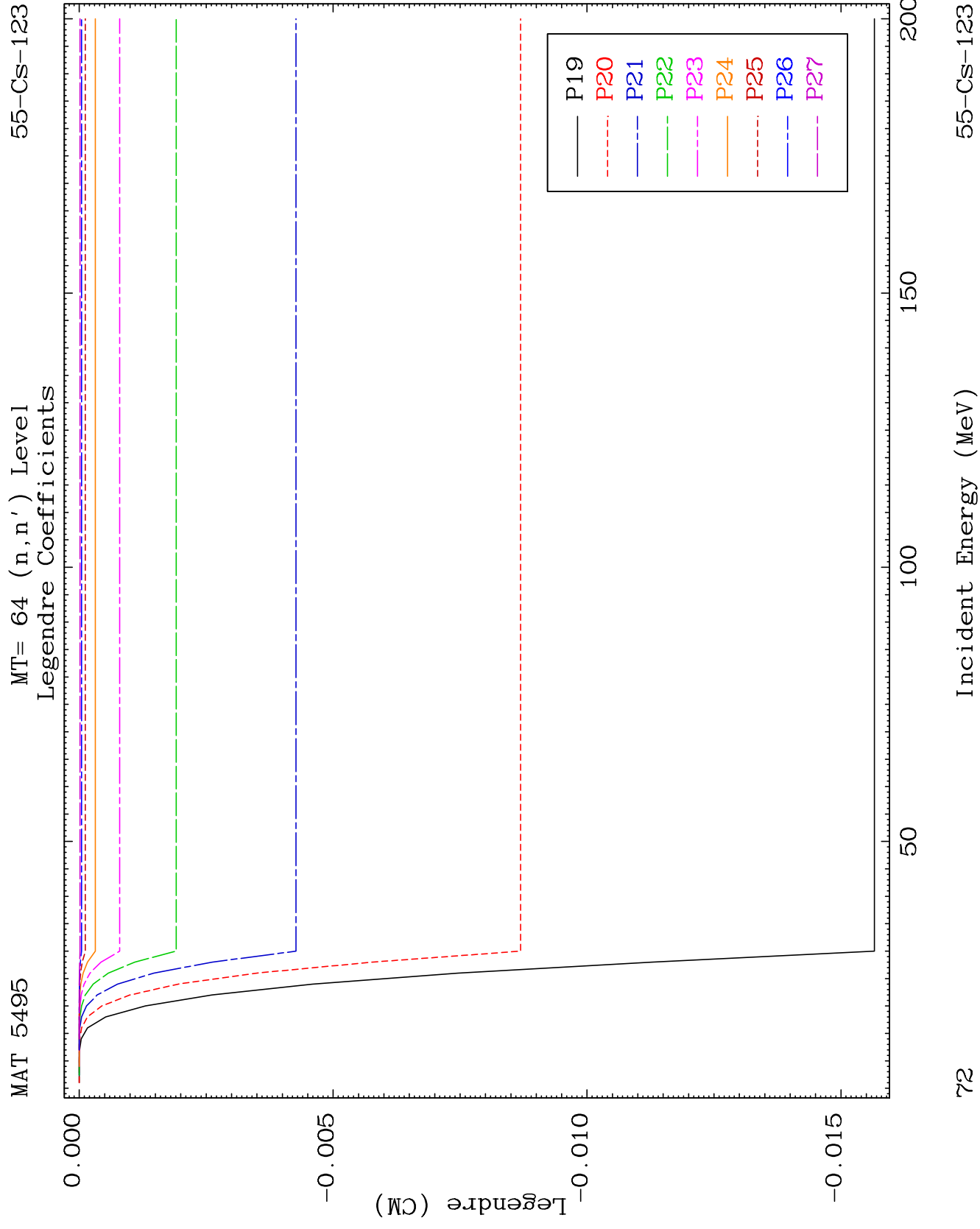
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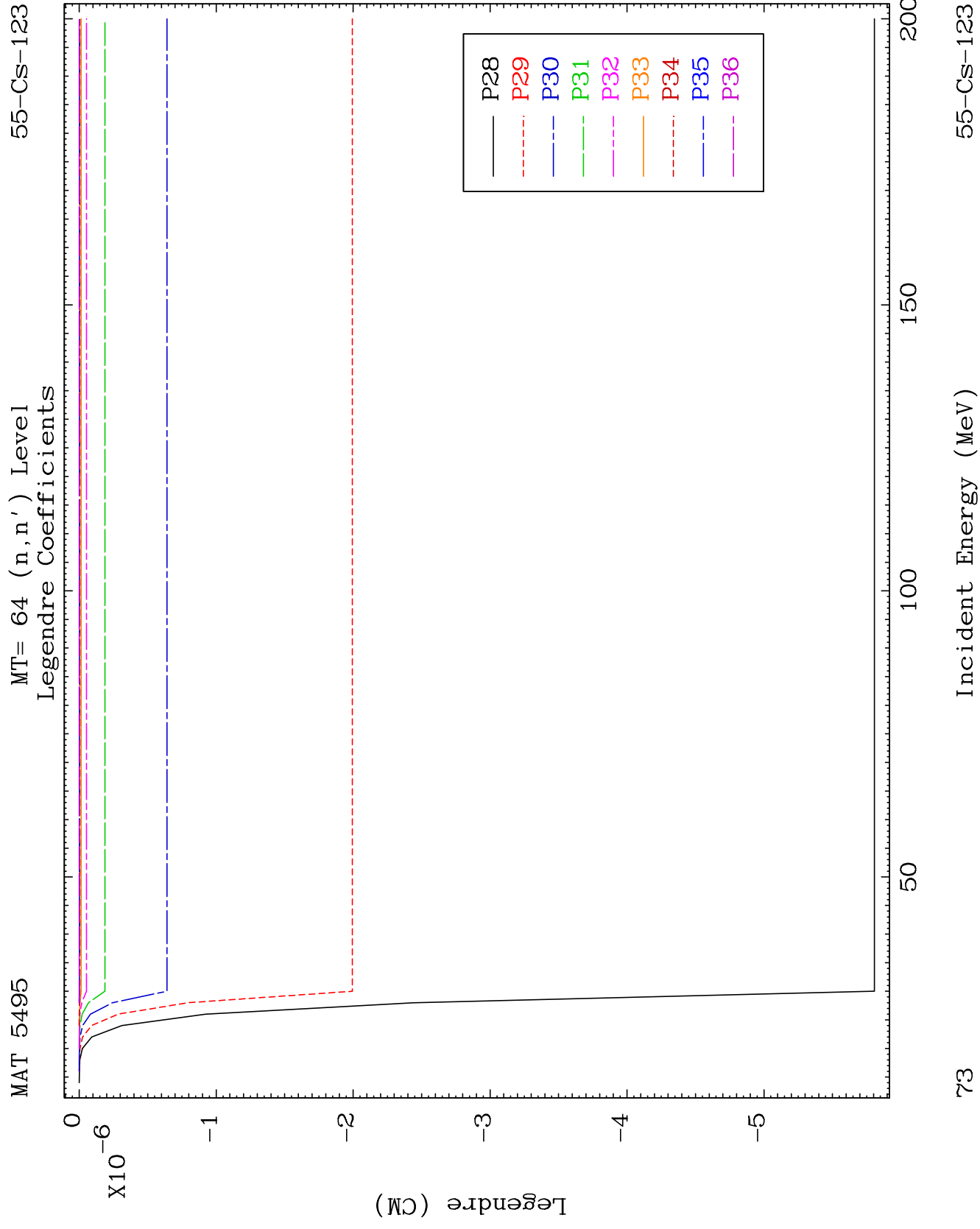
MAT 5495 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-123



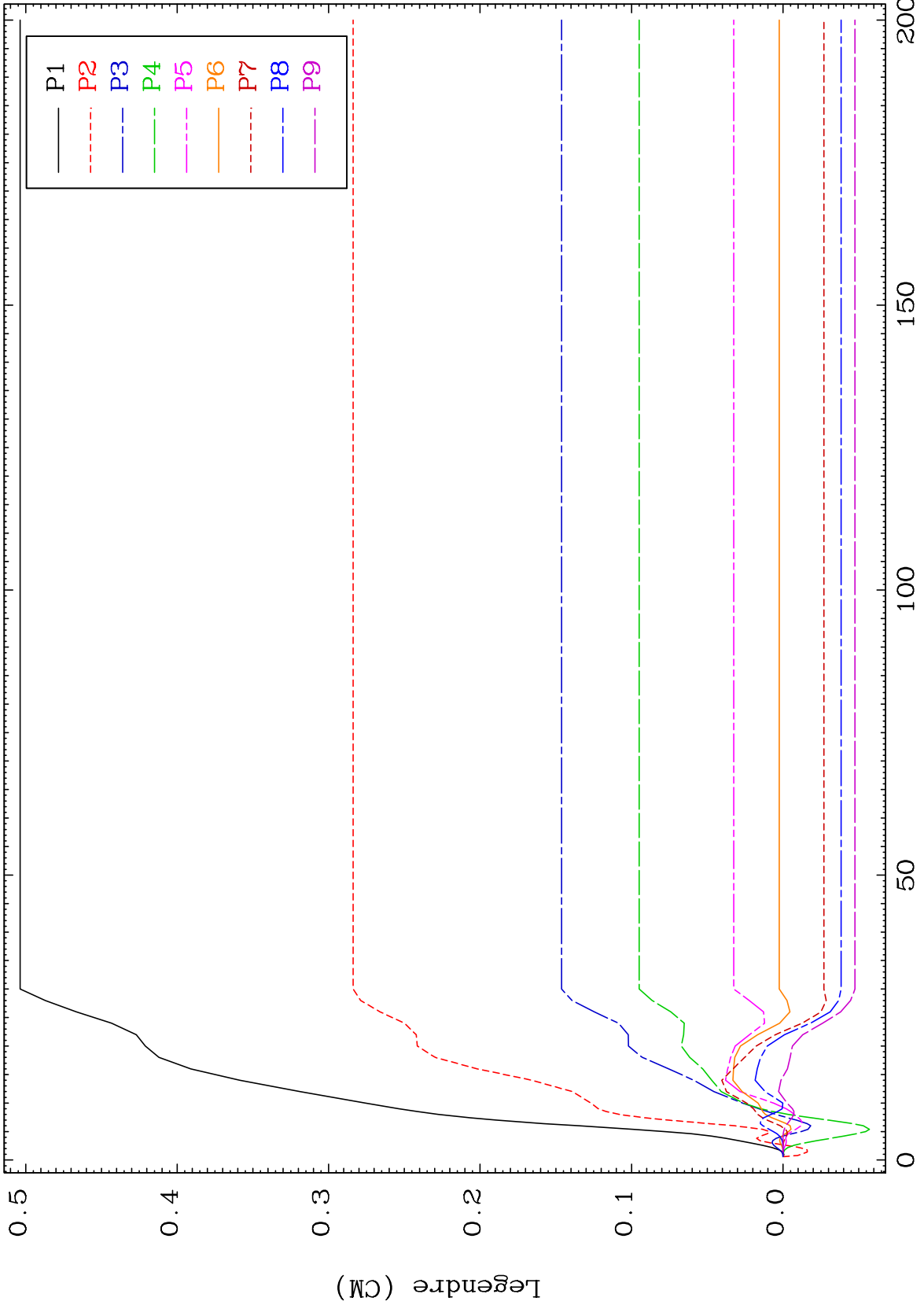
70 Incident Energy (MeV) 55-Cs-123



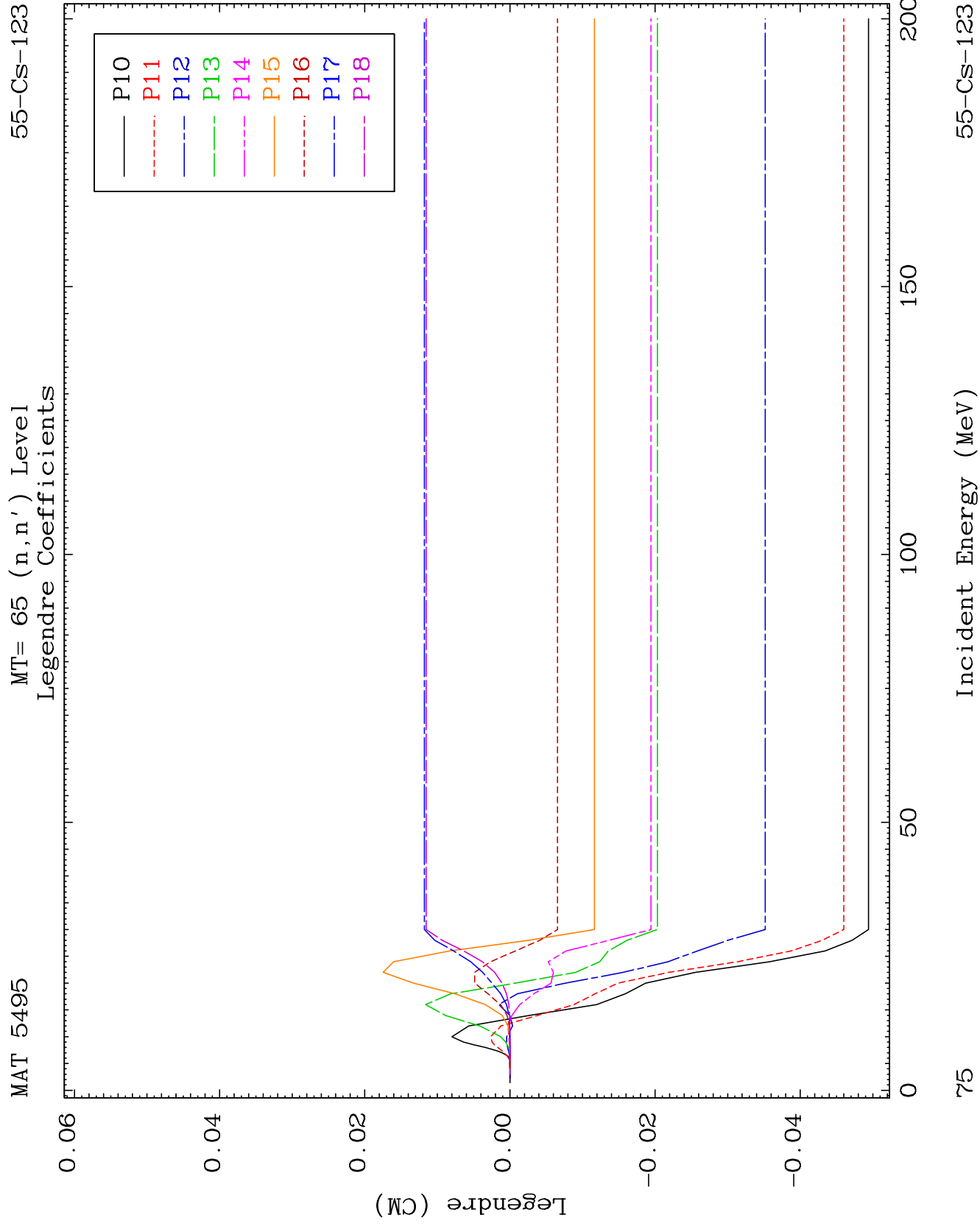




MAT 5495 MT= 65 (n,n') Level Legendre Coefficients 55-Cs-123



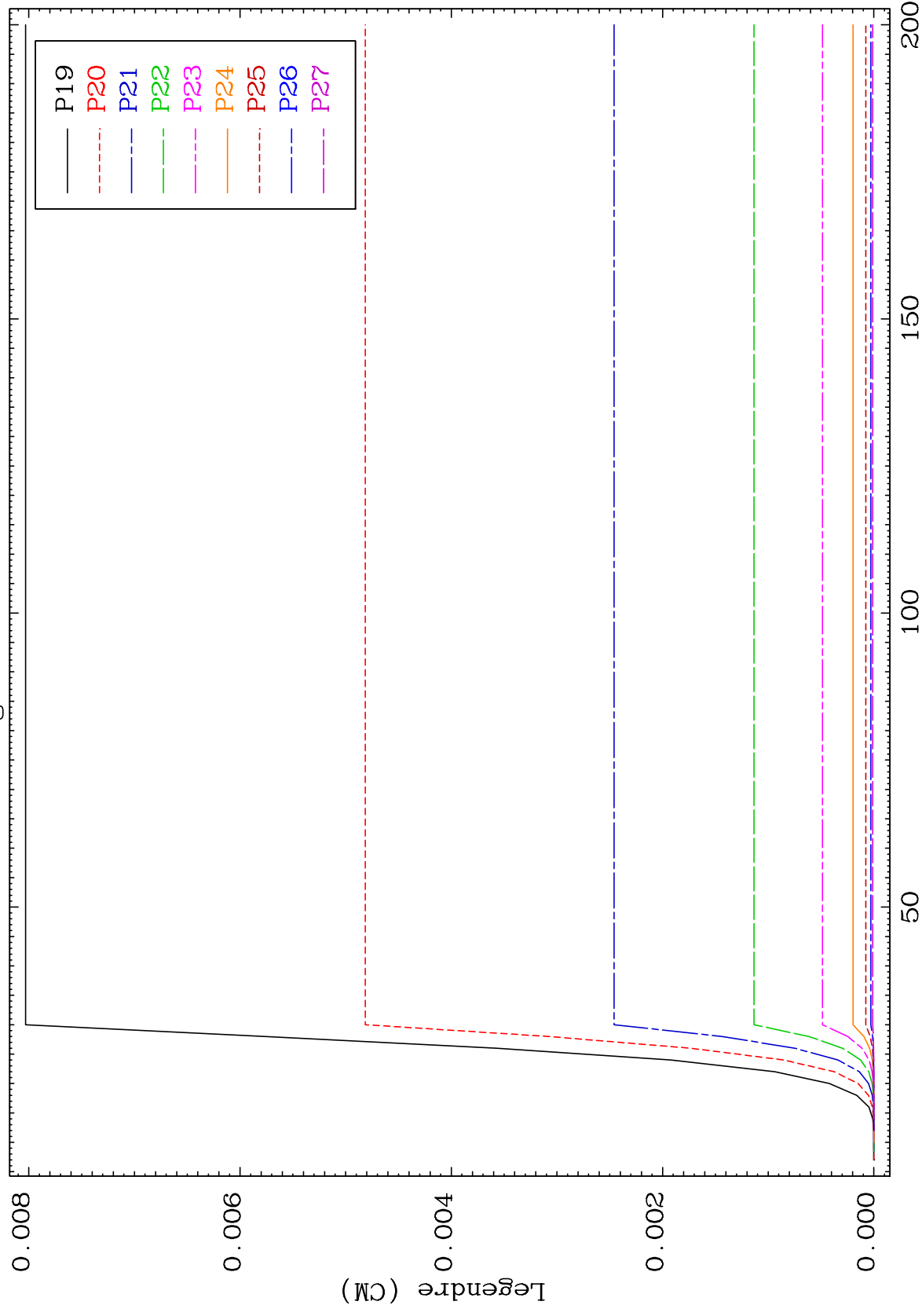
74 55-Cs-123



MAT 5495

MT= 65 (n, n') Level
Legendre Coefficients

55-CS-123



92

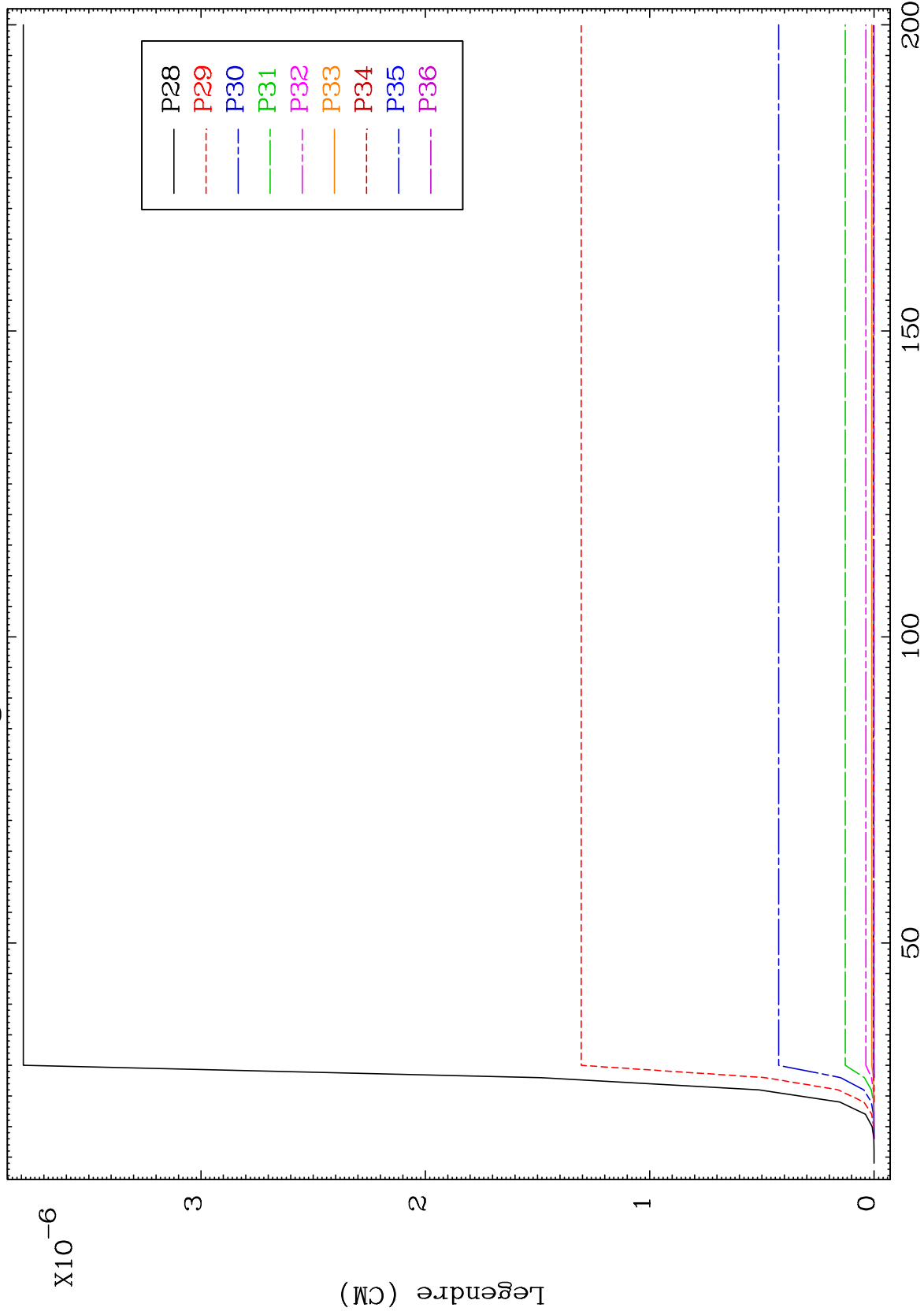
Incident Energy (MeV)

55-CS-123

MAT 5495

MT= 65 (n,n') Level
Legendre Coefficients

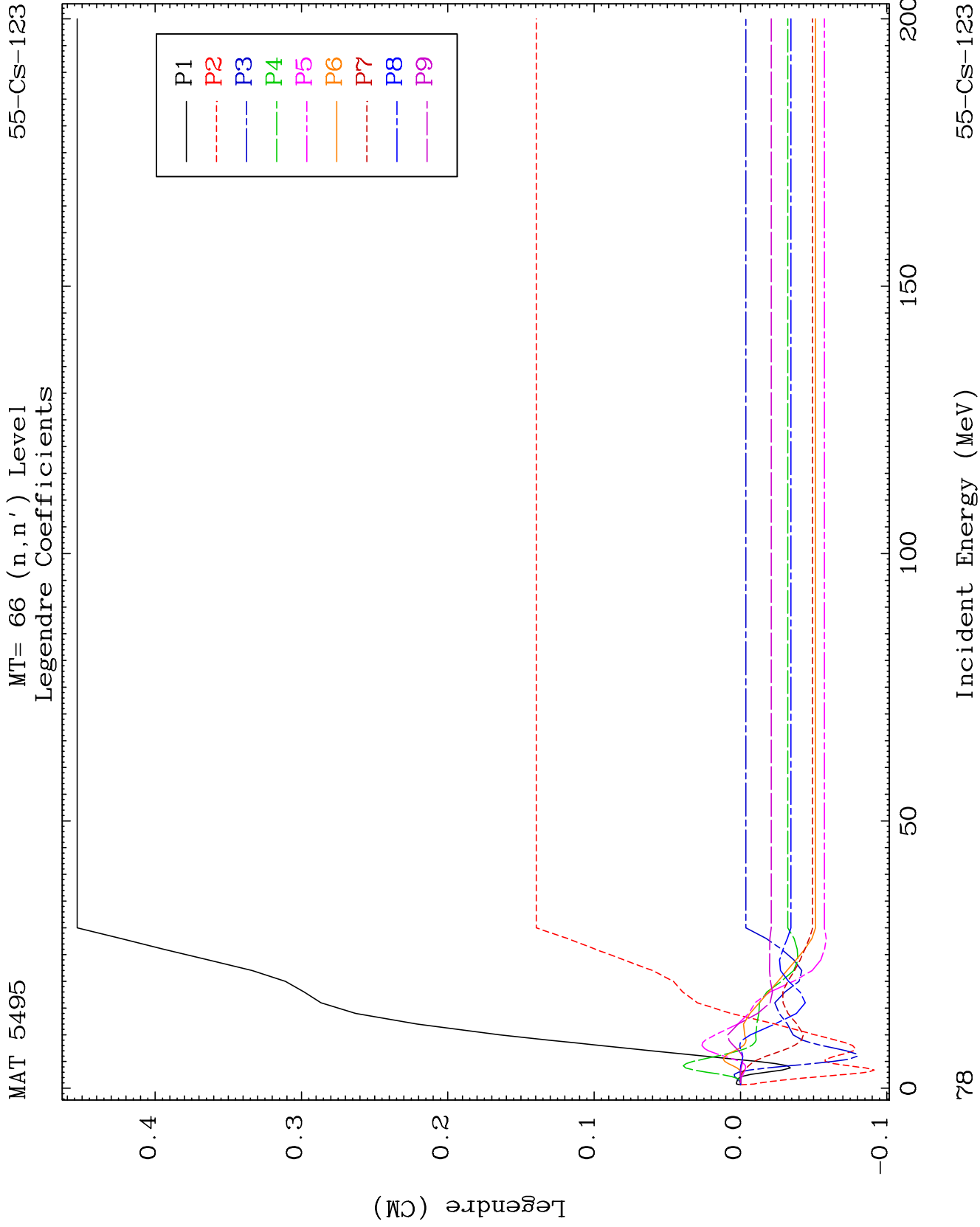
55-Cs-123



77

Incident Energy (MeV)

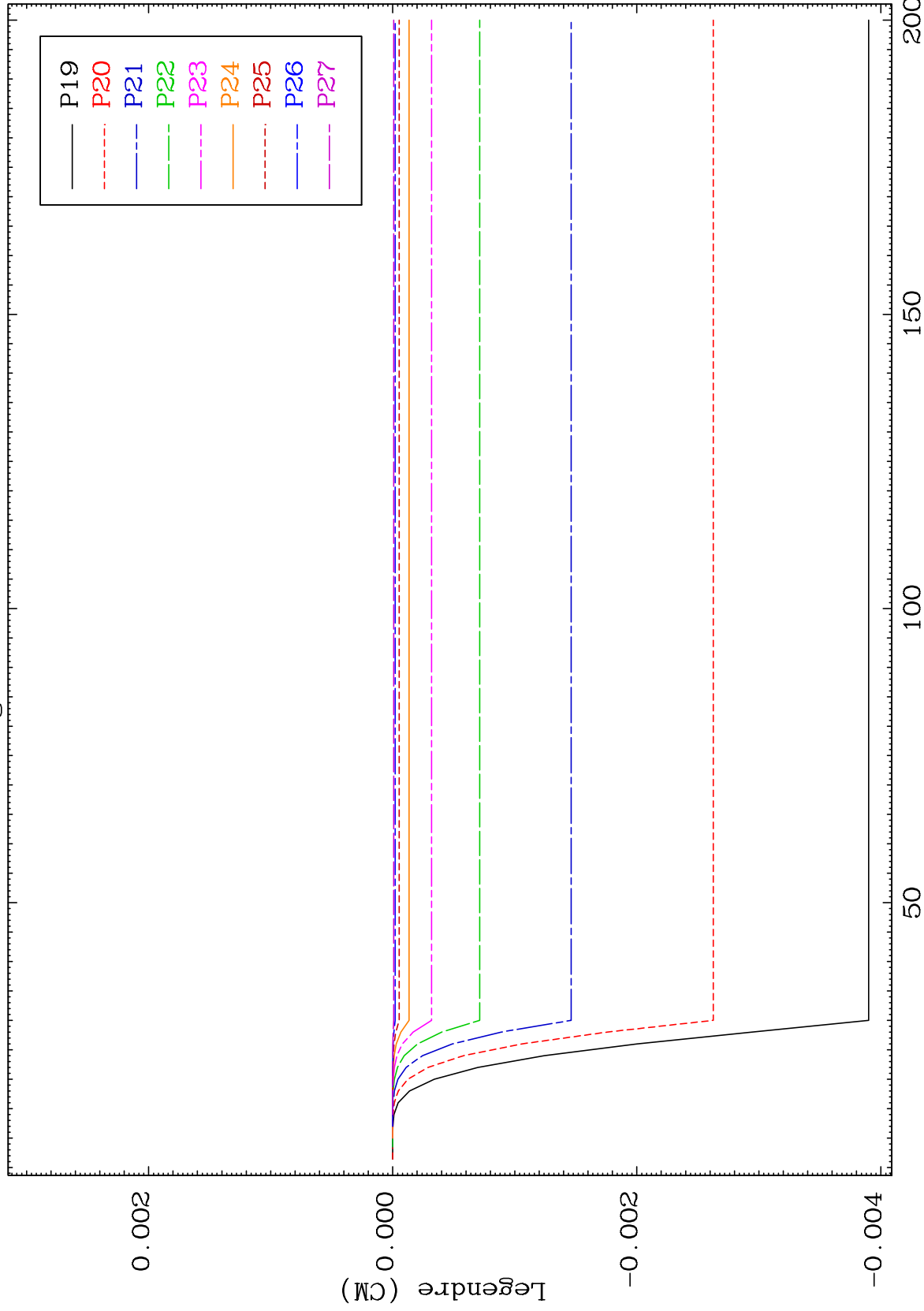
55-Cs-123



MAT 5495

MT= 66 (n,n') Level
Legendre Coefficients

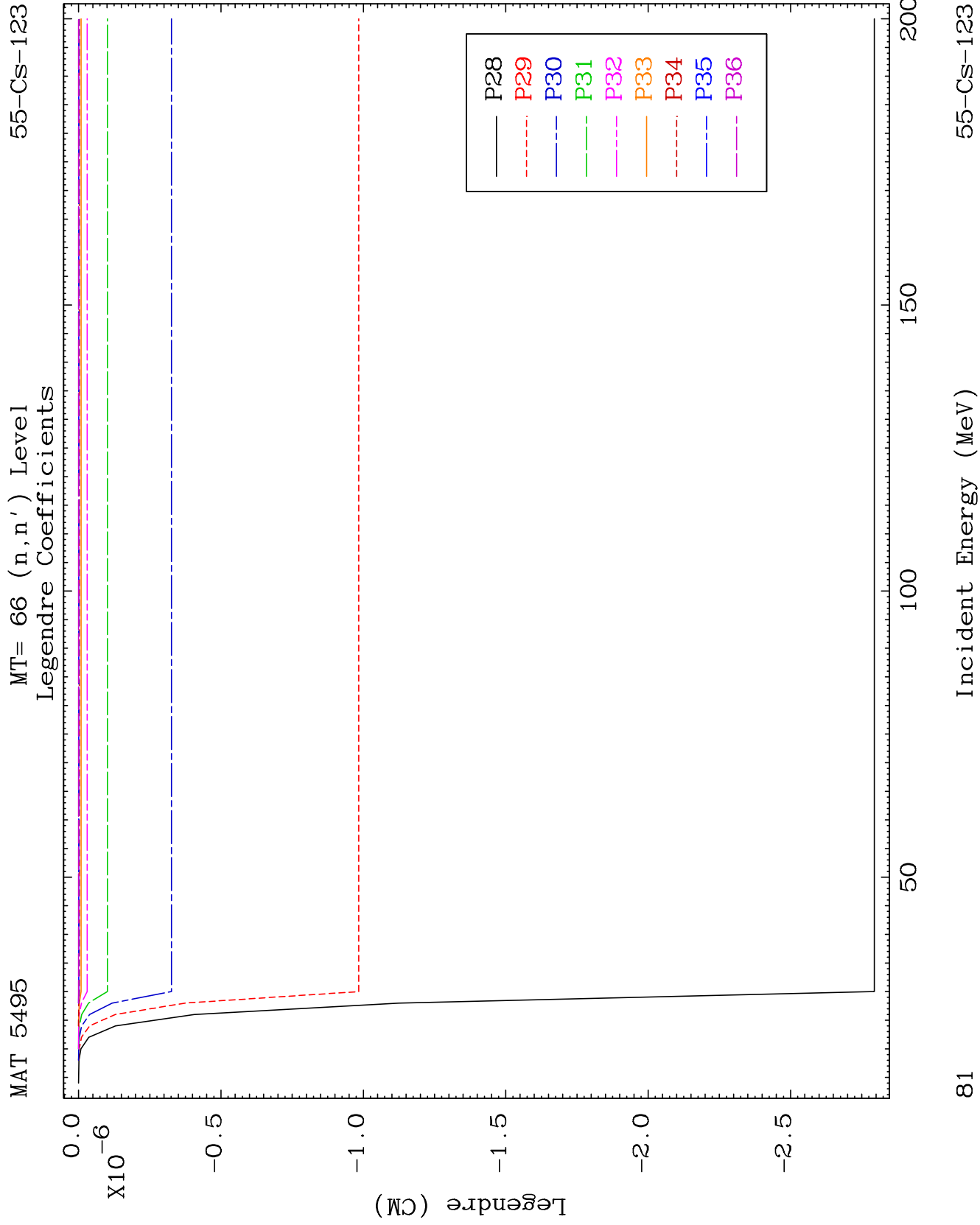
55-Cs-123

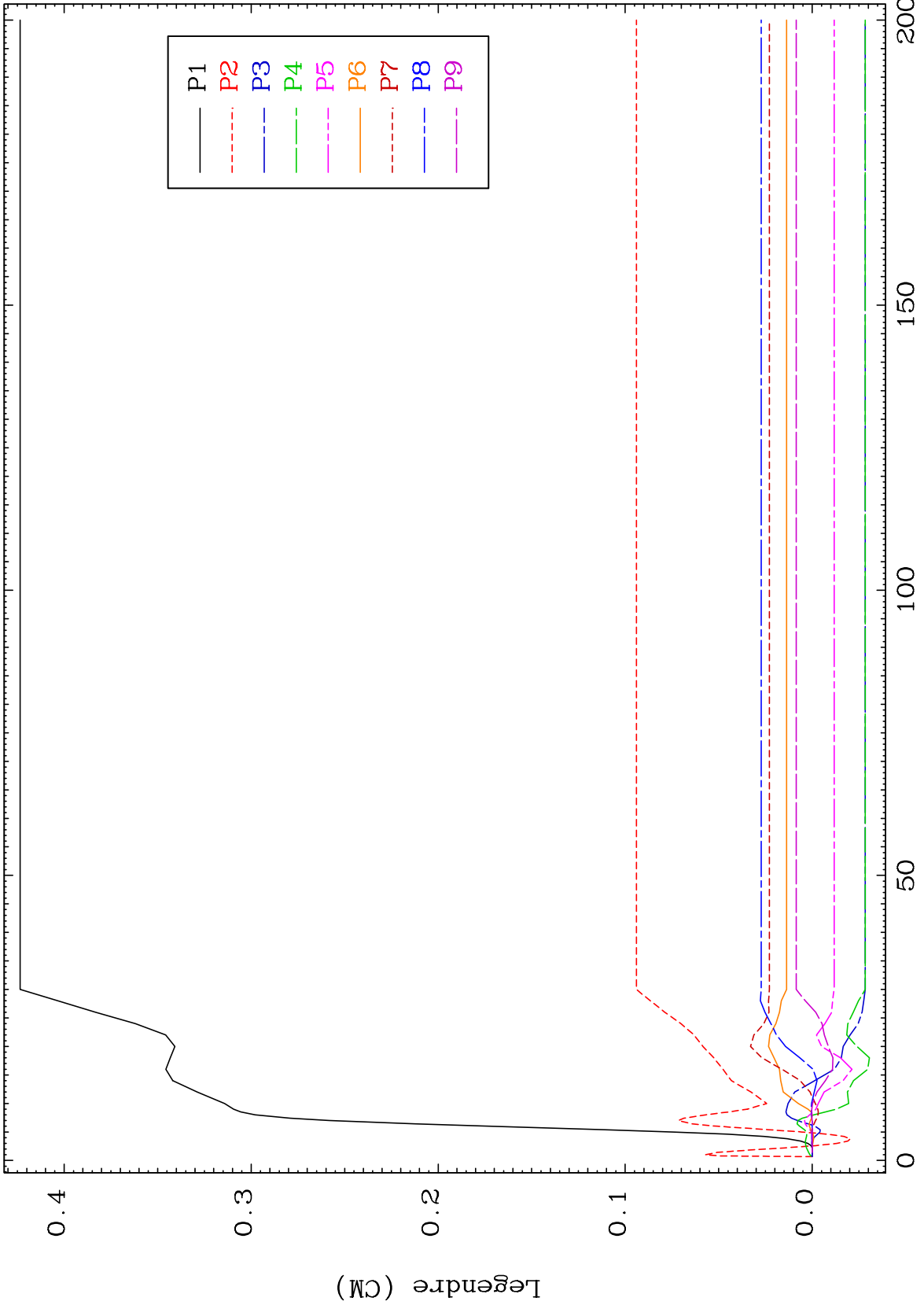


80

Incident Energy (MeV)

55-Cs-123

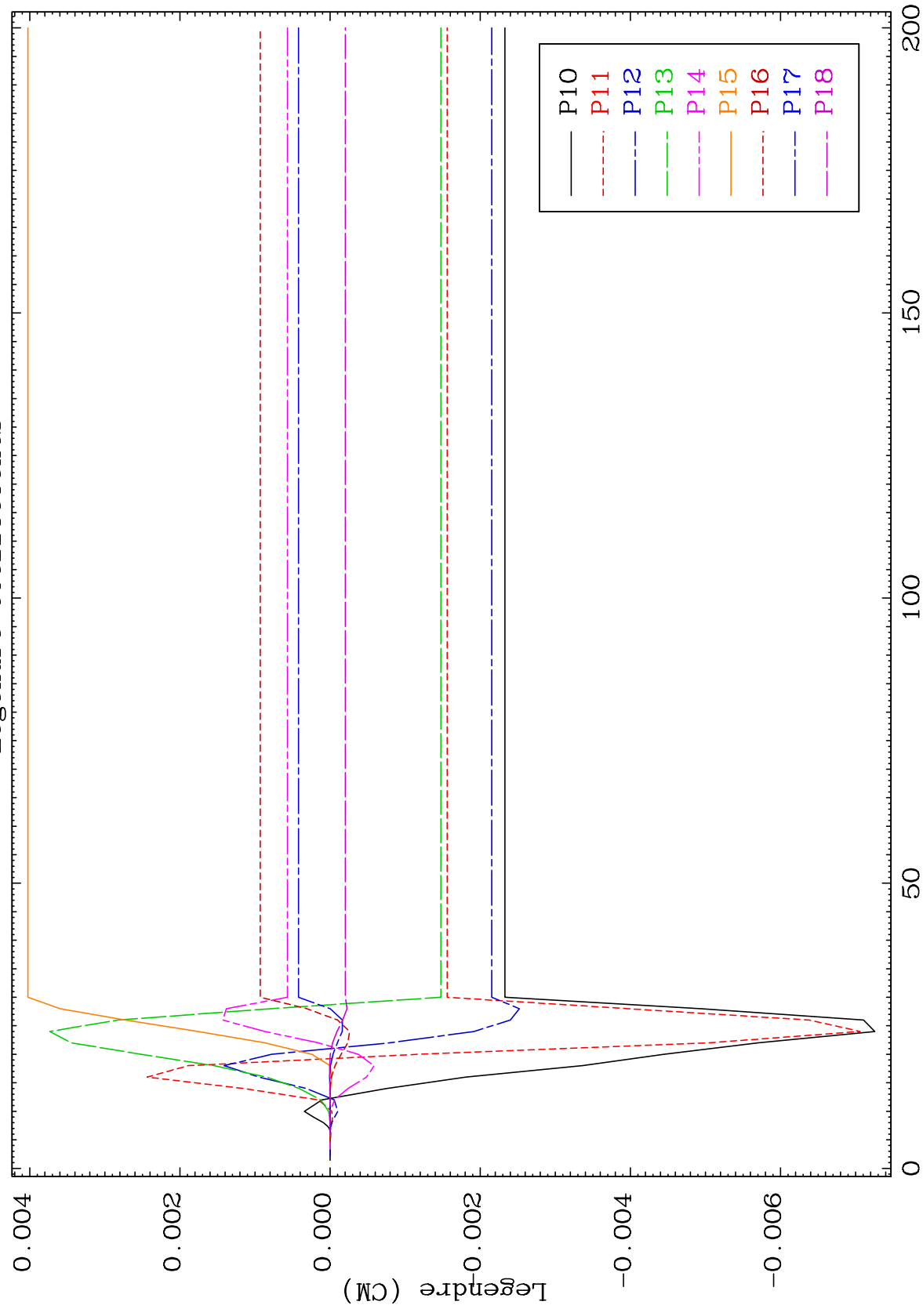




MAT 5495

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

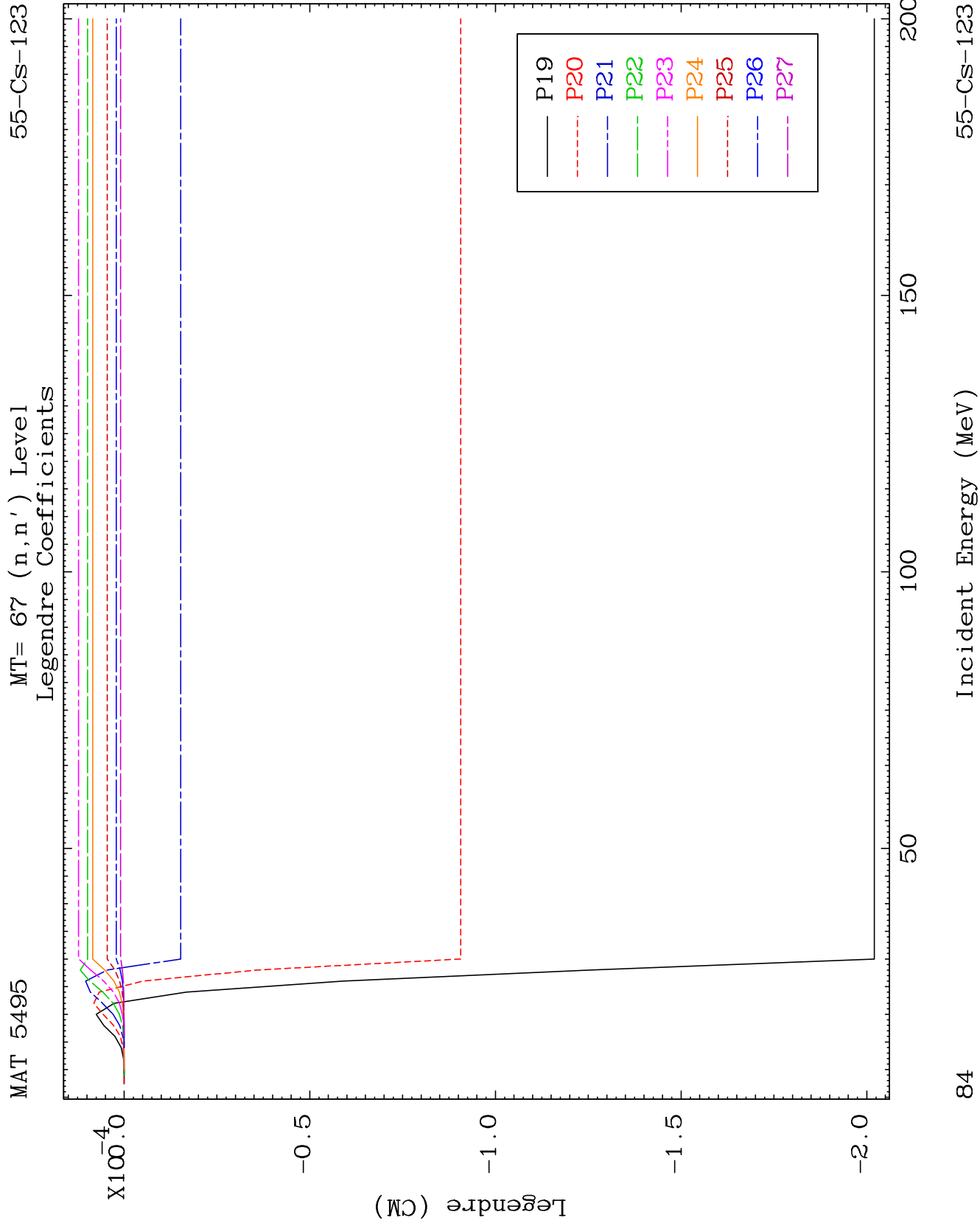
55-CS-123



38

Incident Energy (MeV)

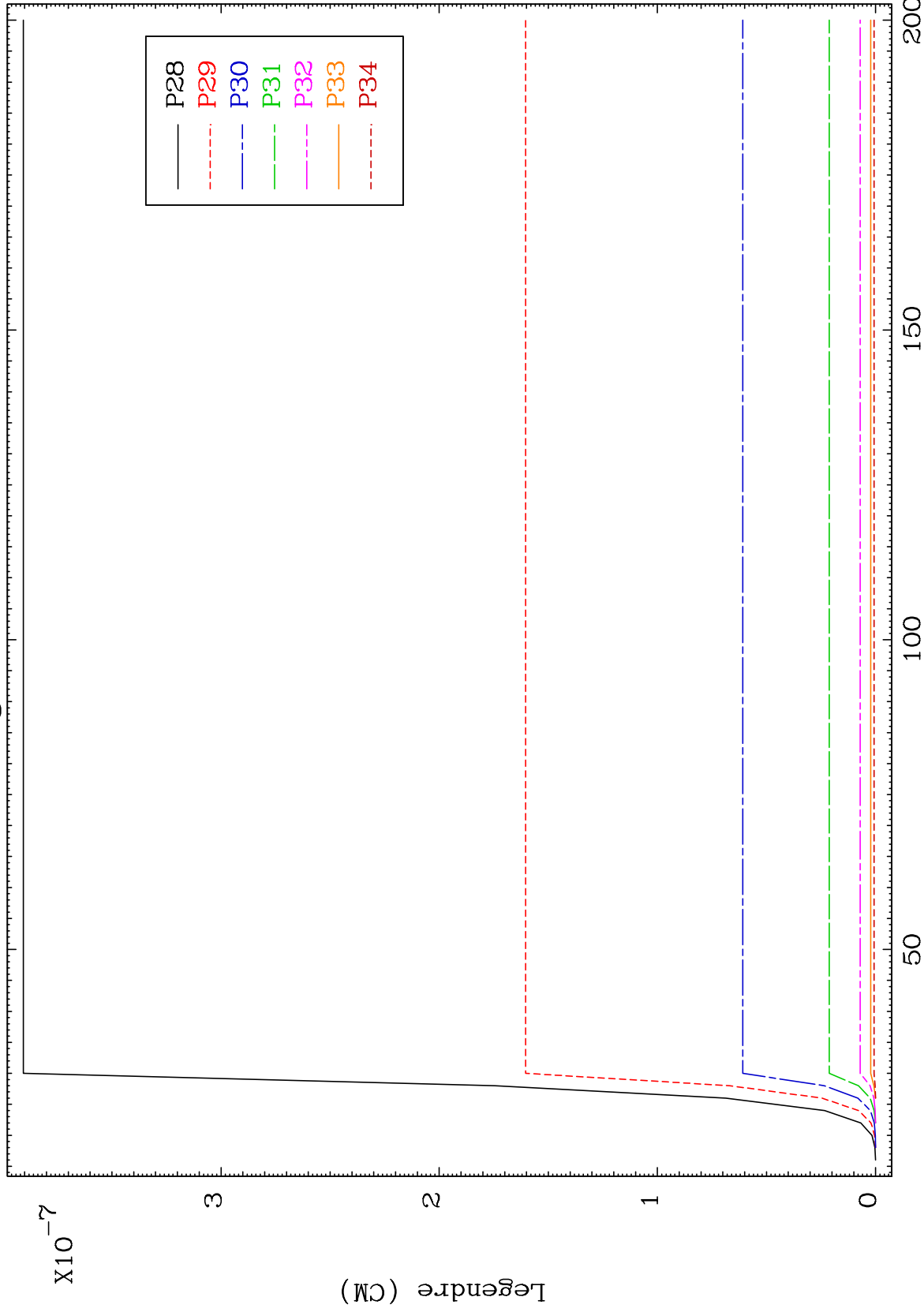
55-CS-123



MAT 5495

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

55-Cs-123

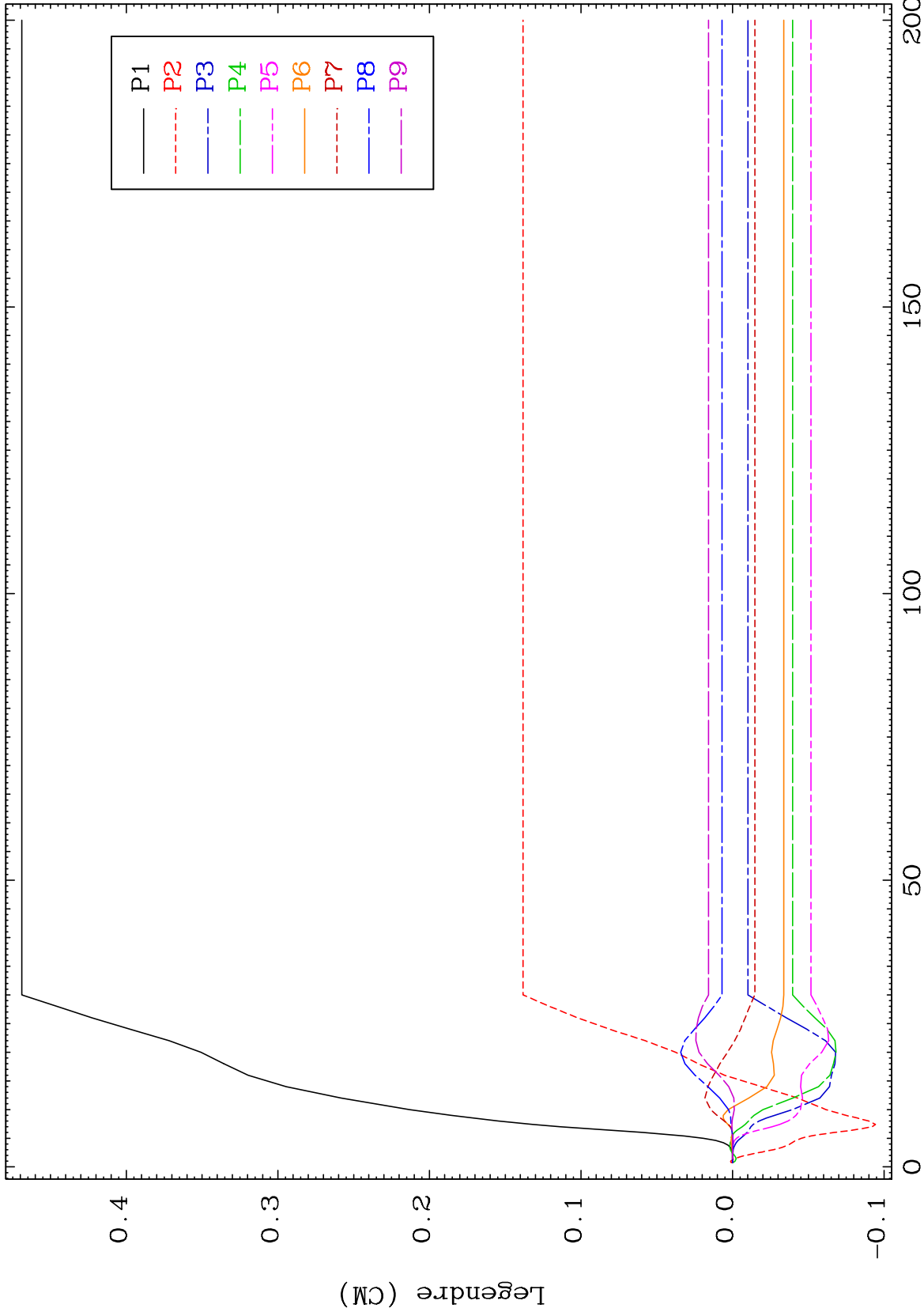


85

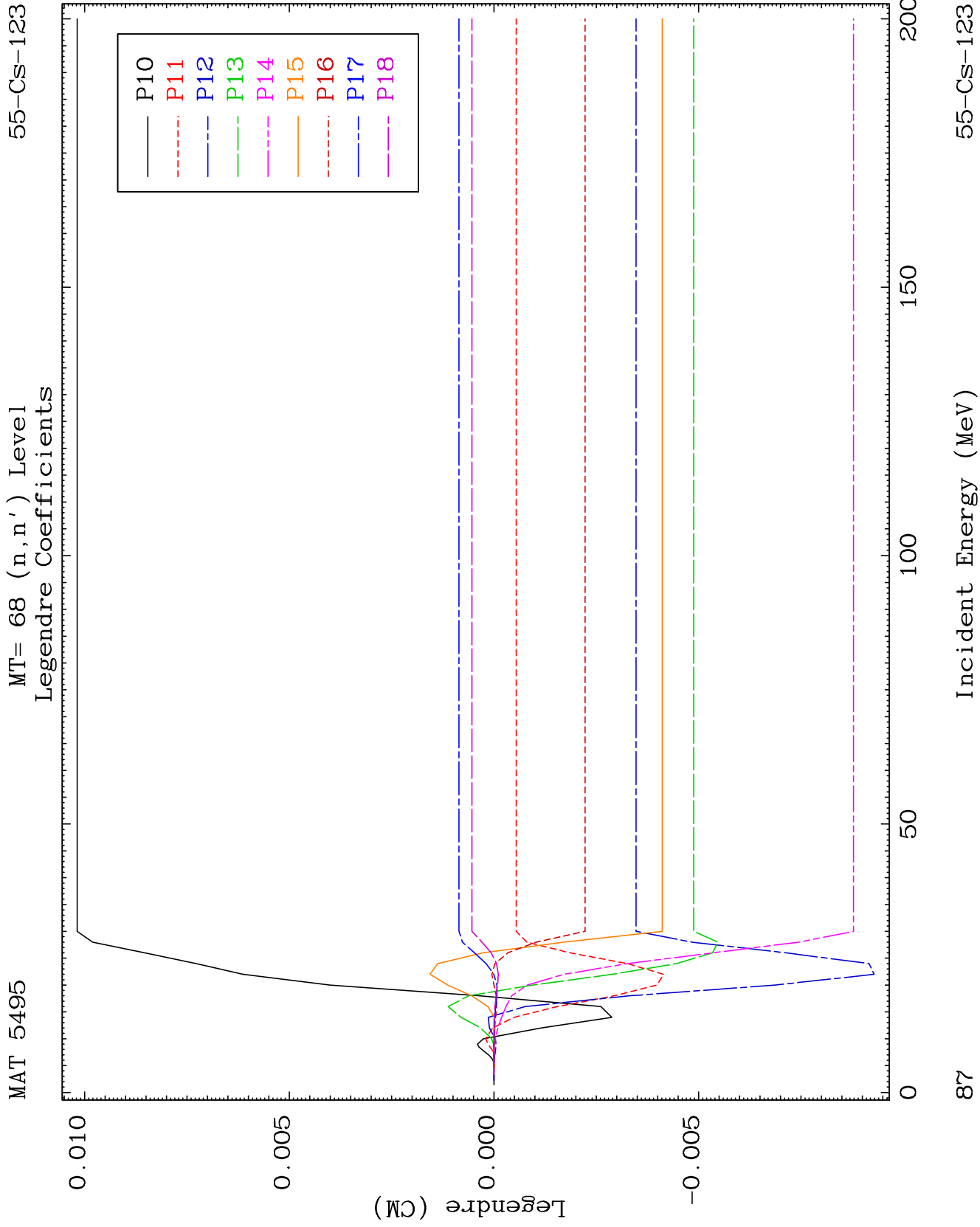
Incident Energy (MeV)

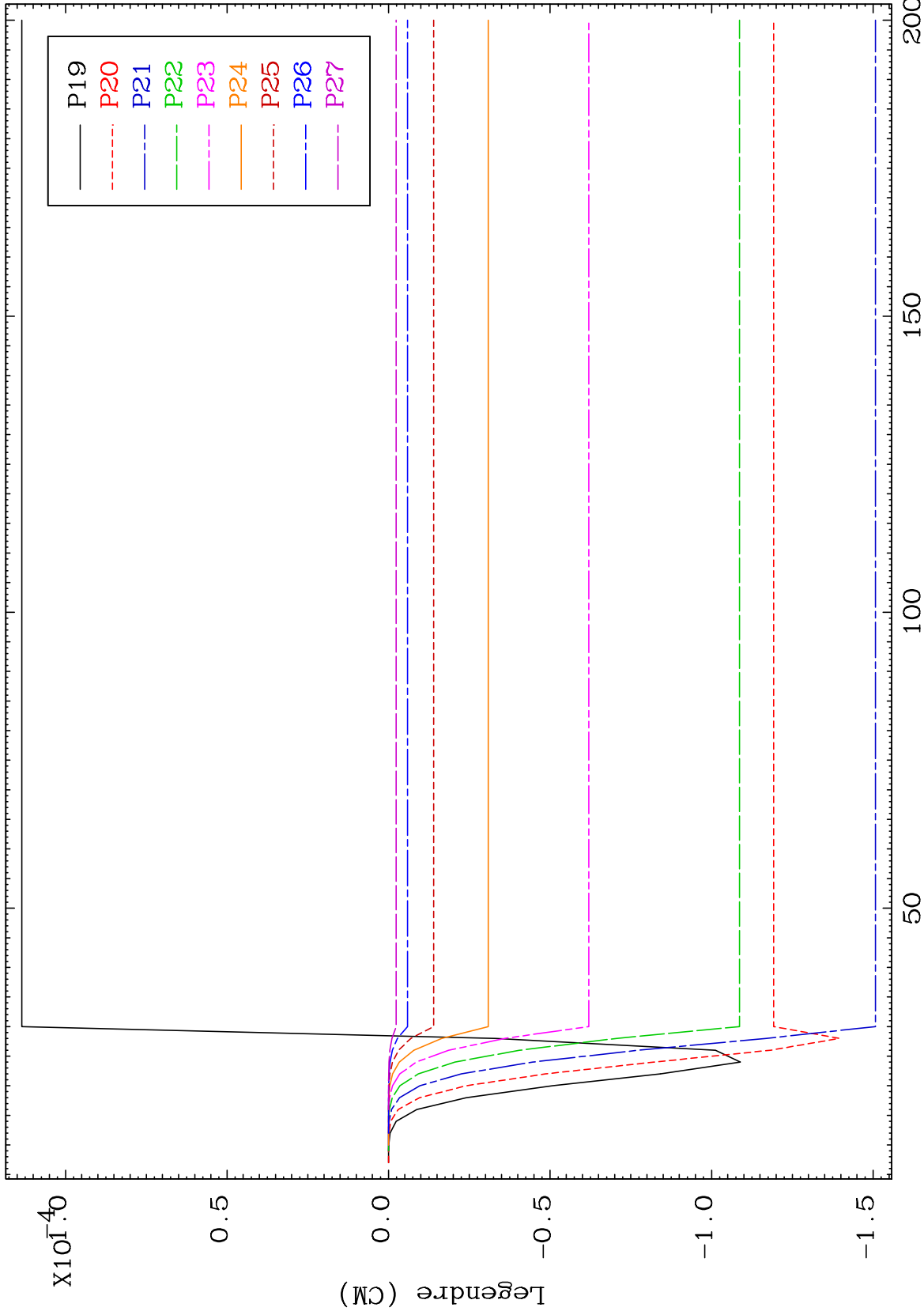
55-Cs-123

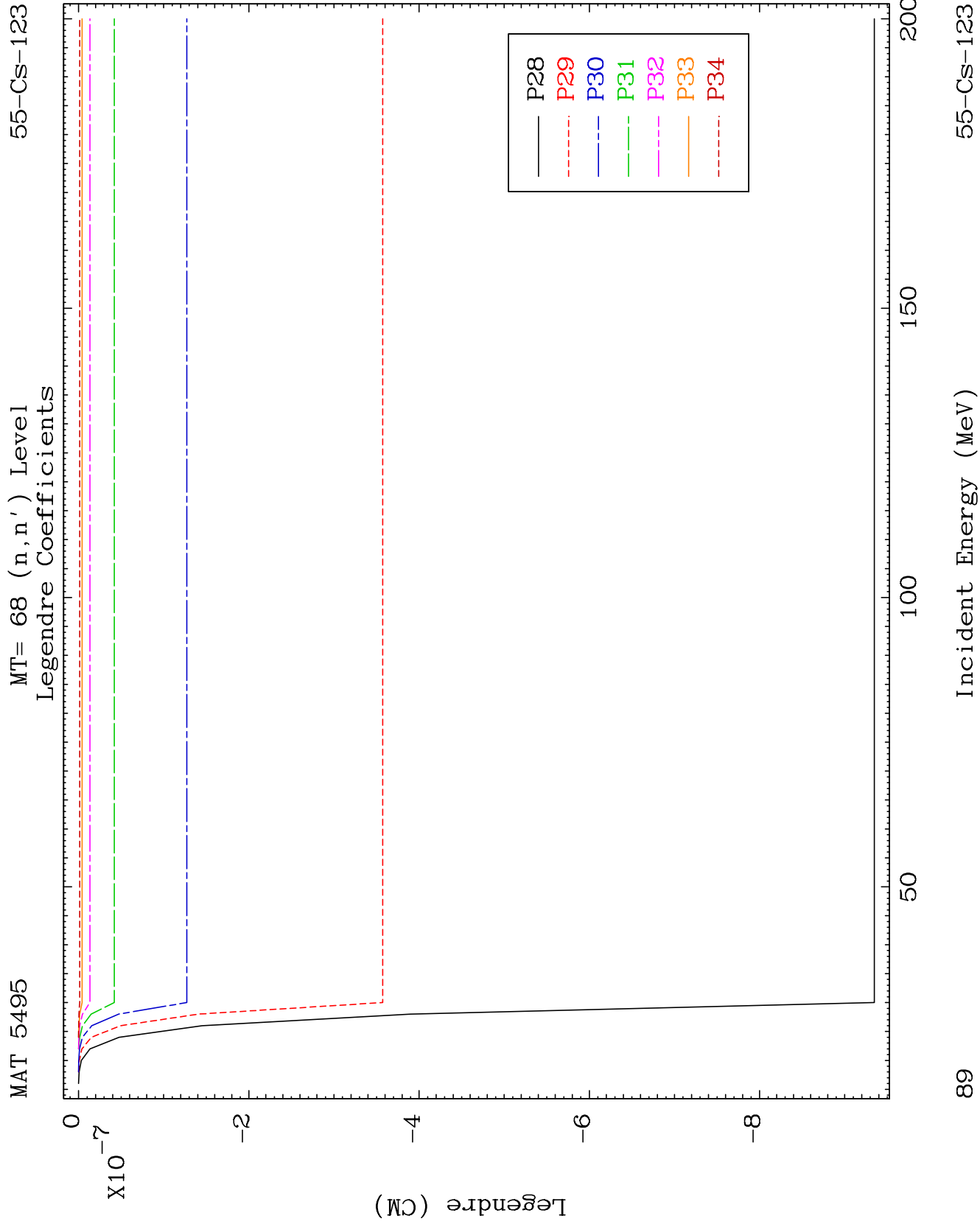
MAT 5495 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-123



86 55-Cs-123



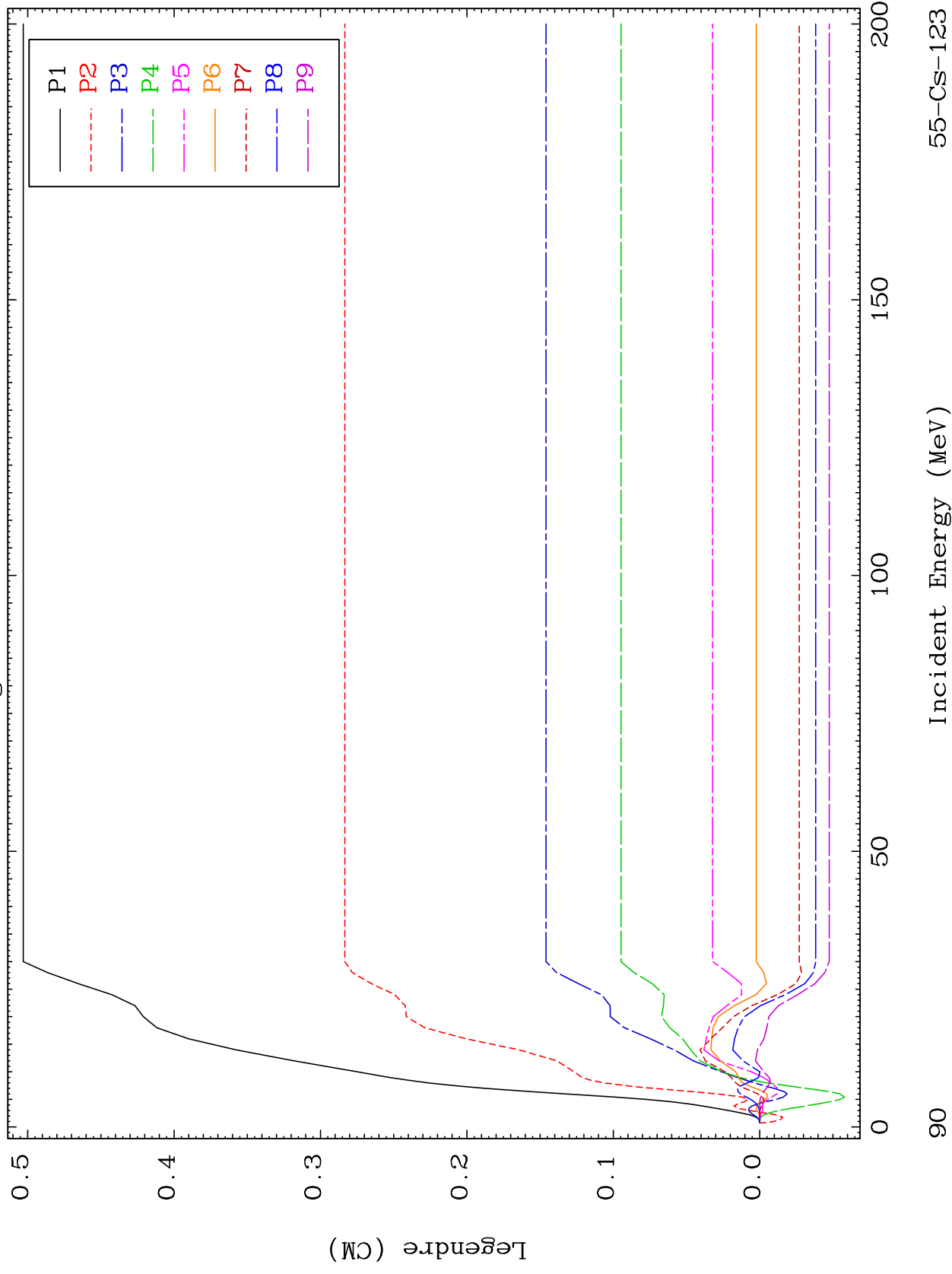


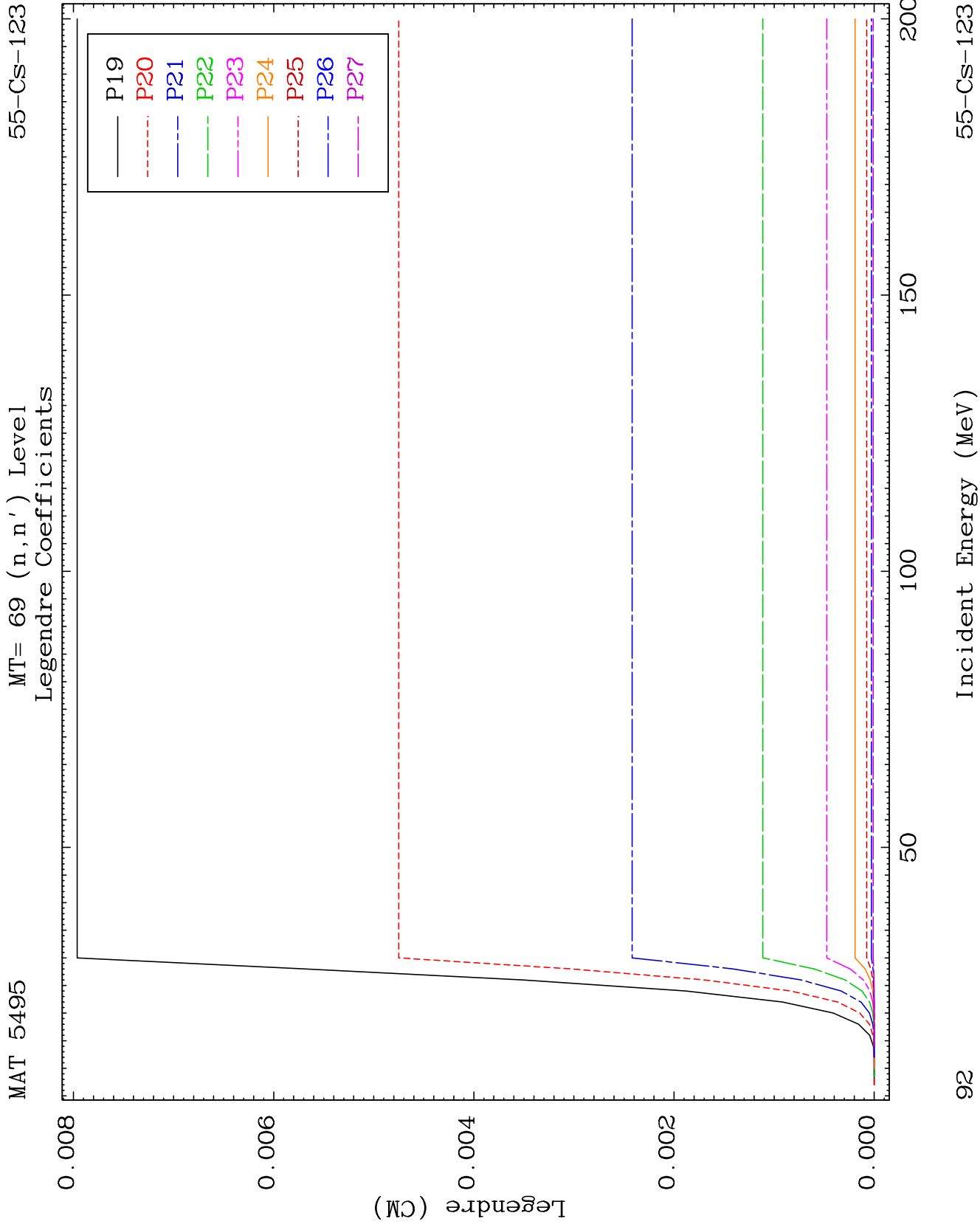


MAT 5495

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

55-CS-123

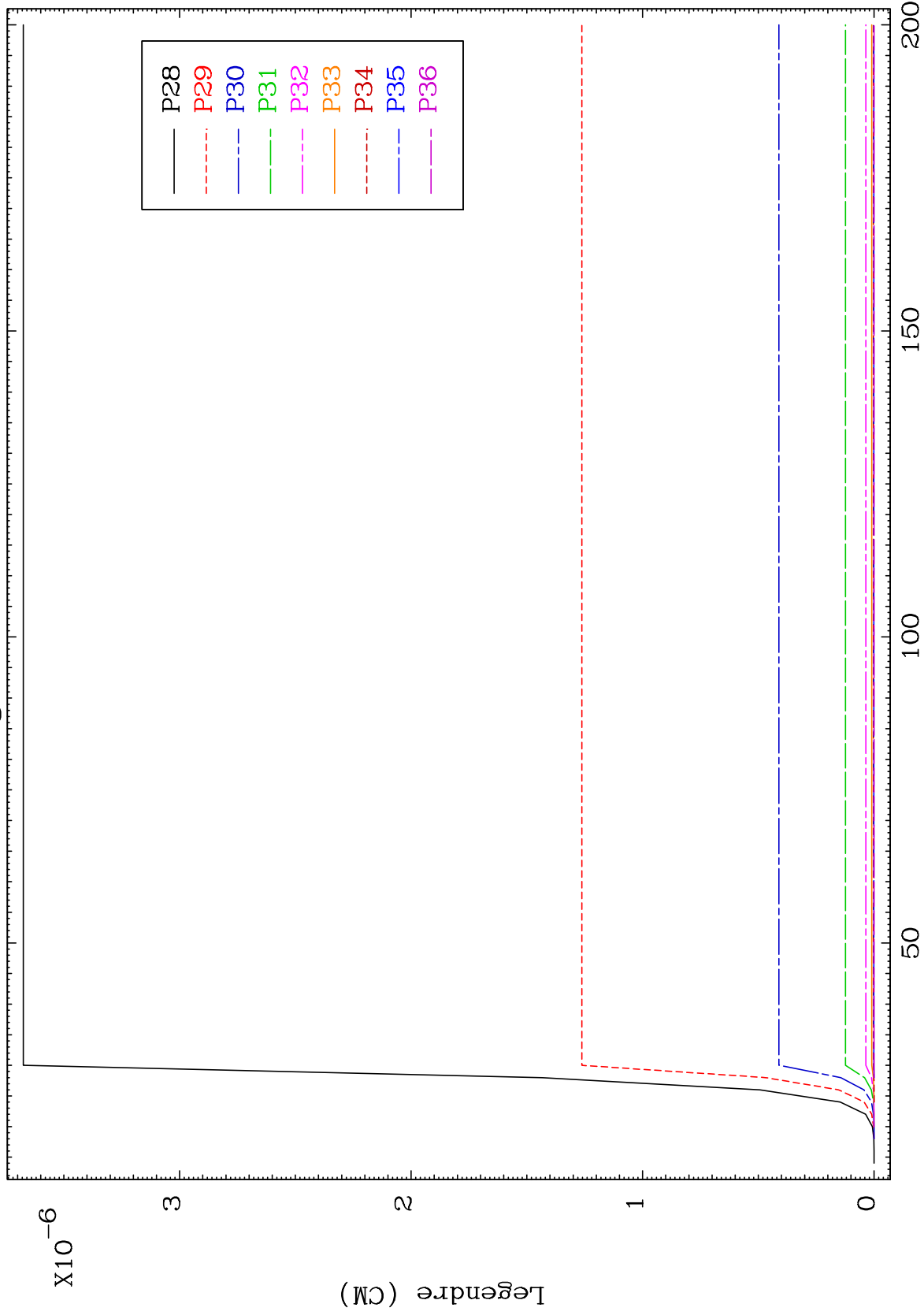




MAT 5495

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

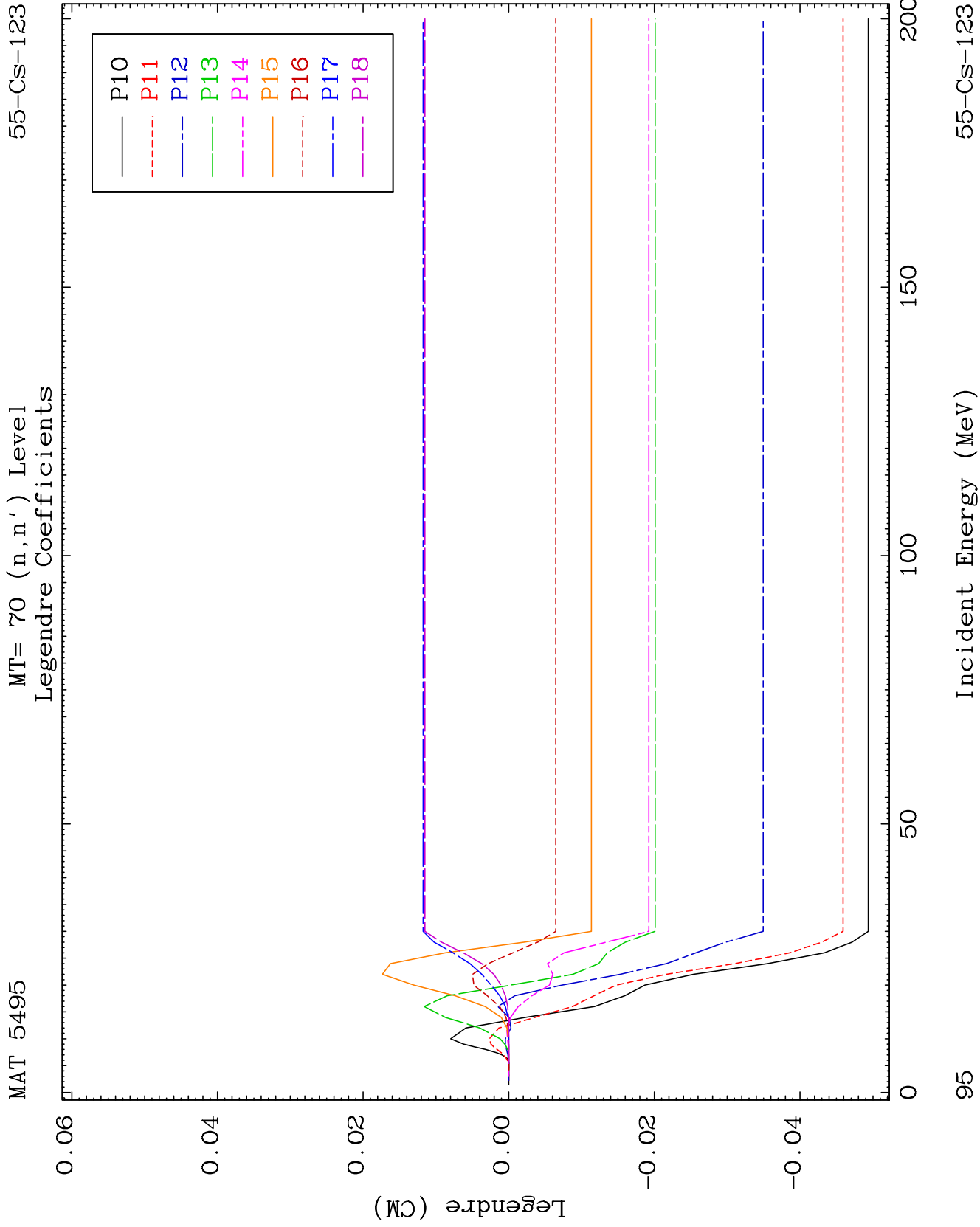
55-Cs-123



93

Incident Energy (MeV)

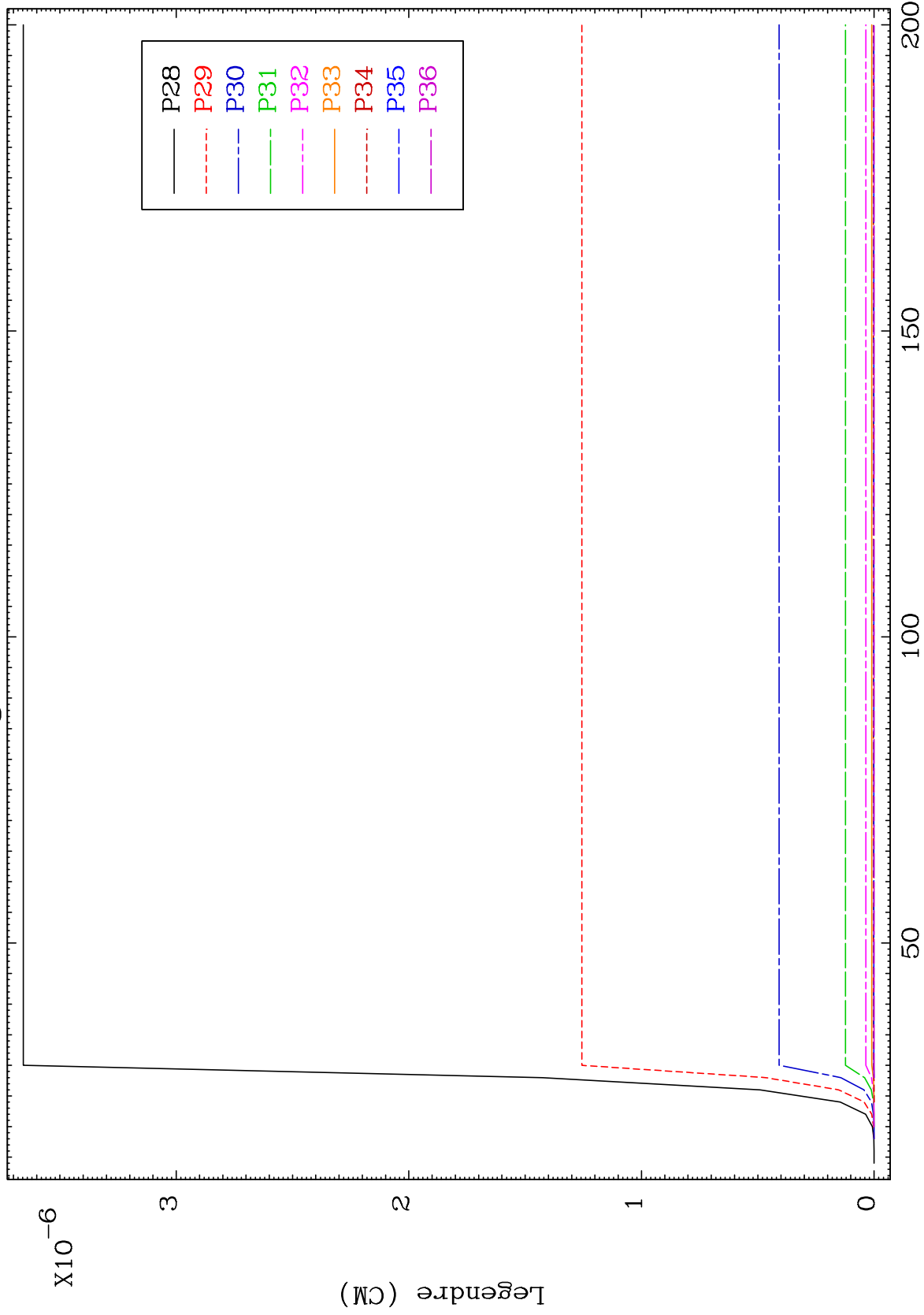
55-Cs-123



MAT 5495

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

55-Cs-123



97

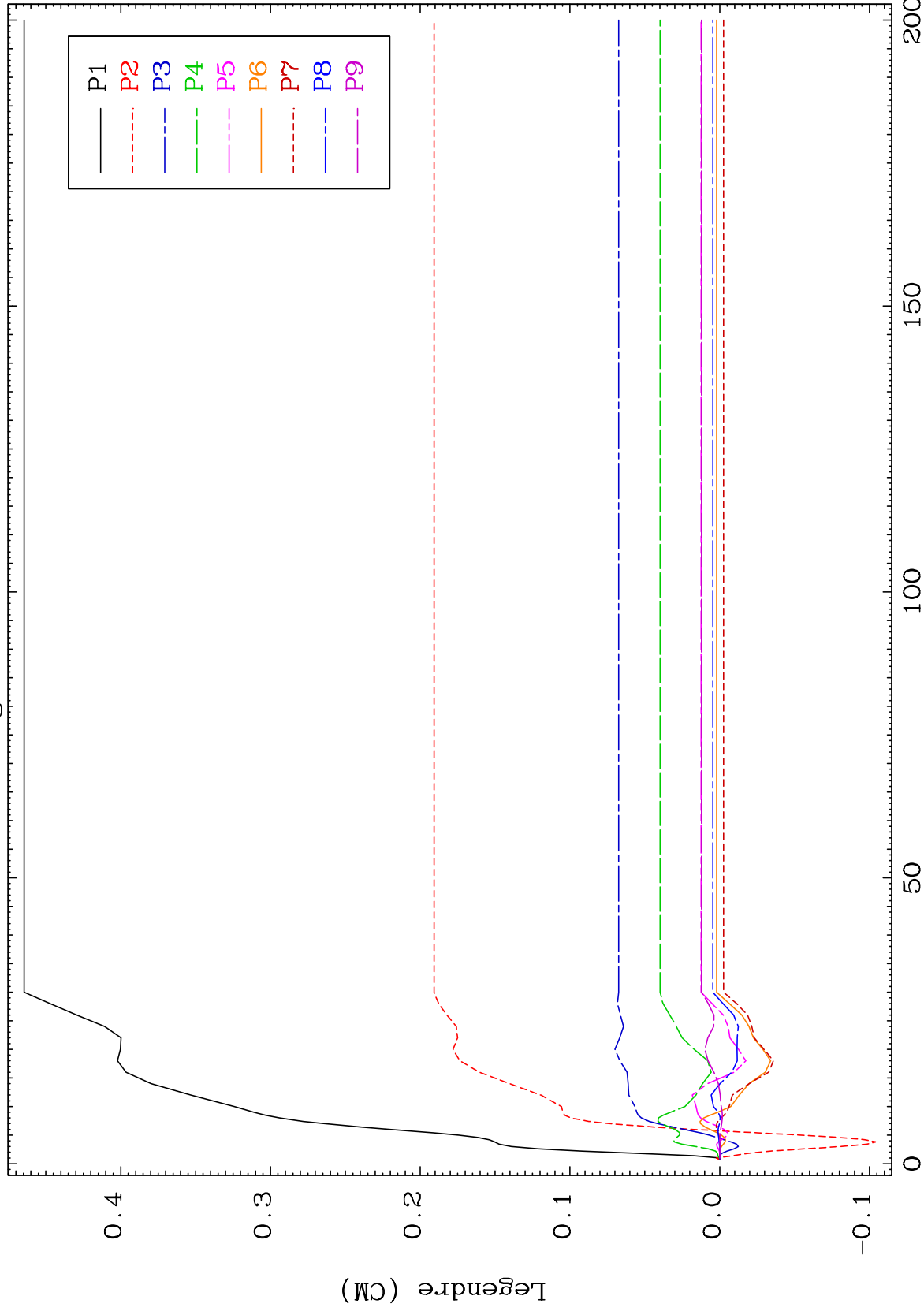
Incident Energy (MeV)

55-Cs-123

MAT 5495

MT= 71 (n,n') Level
Legendre Coefficients

55-Cs-123



98

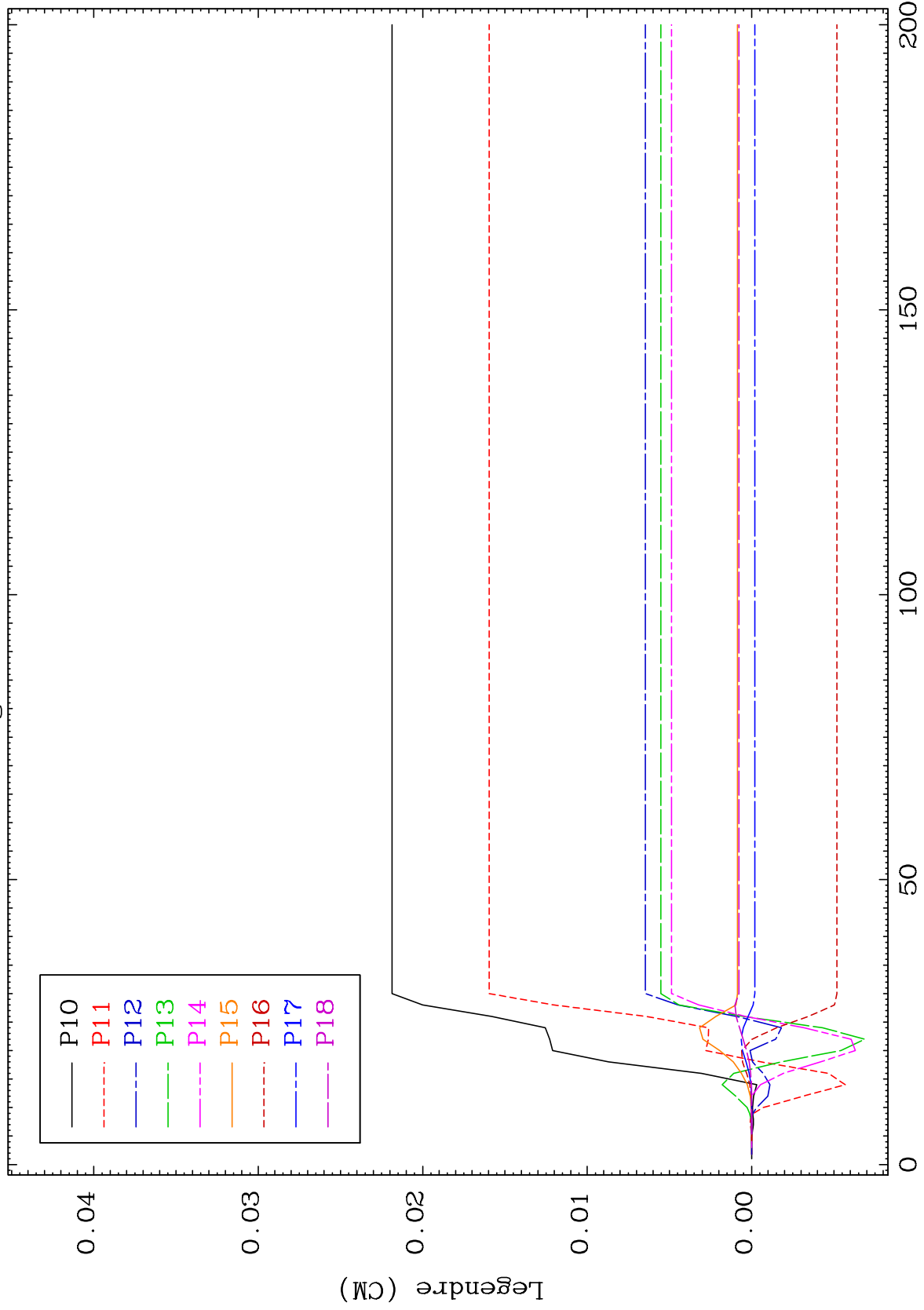
Incident Energy (MeV)

55-Cs-123

MAT 5495

MT= 71 (n,n') Level
Legendre Coefficients

55-Cs-123



99

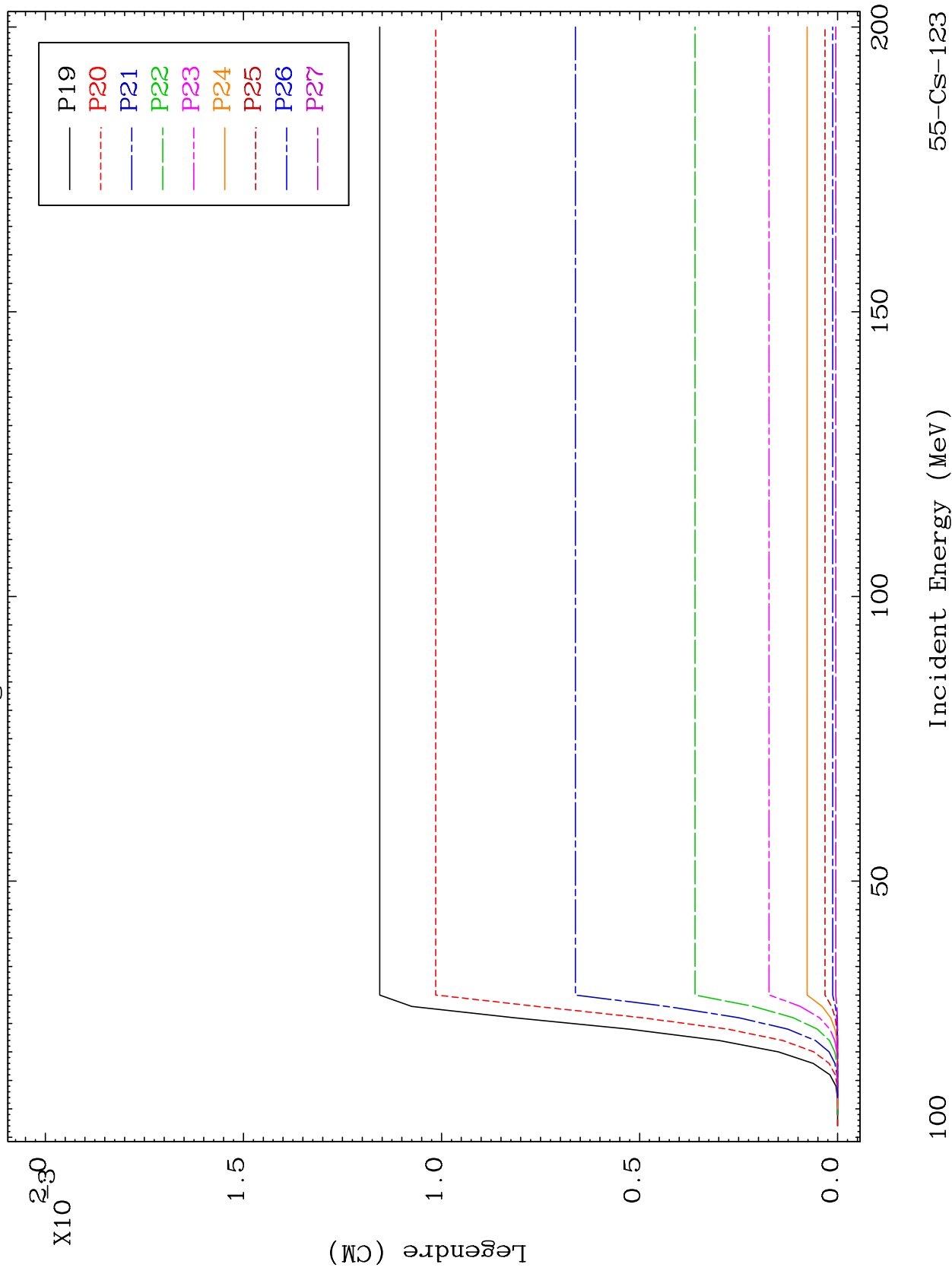
Incident Energy (MeV)

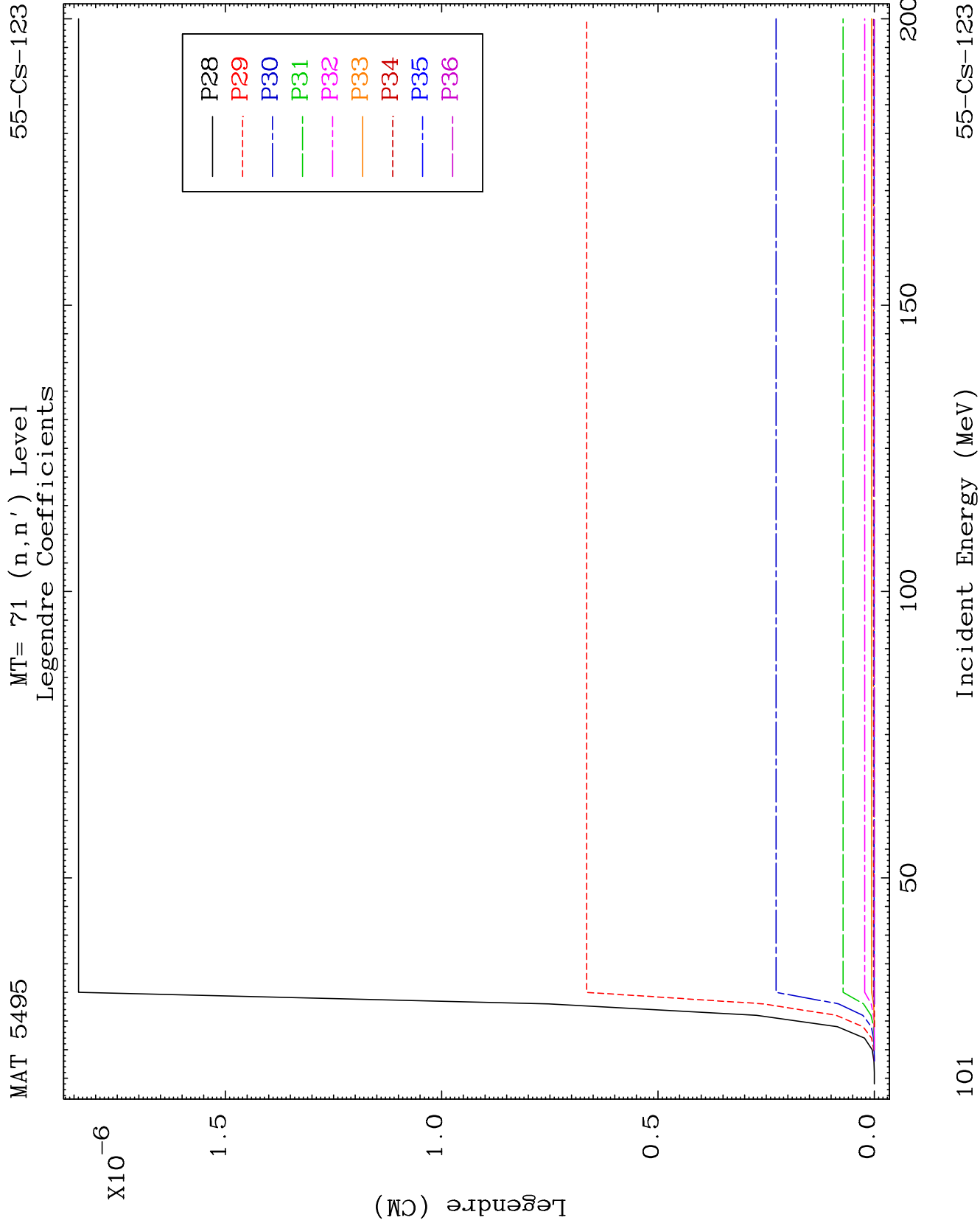
55-Cs-123

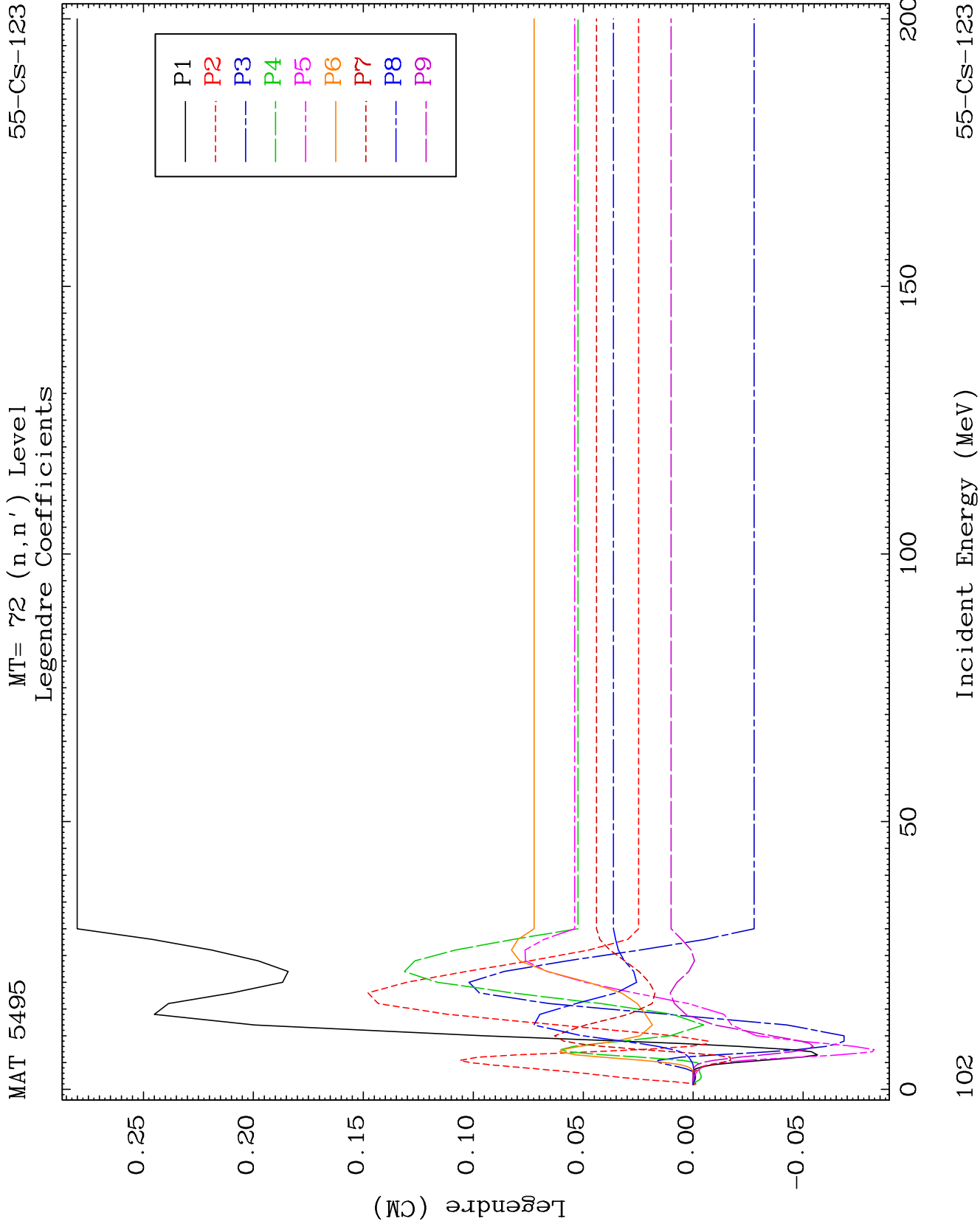
MAT 5495

MT= 71 (n, n') Level
Legendre Coefficients

55-CS-123



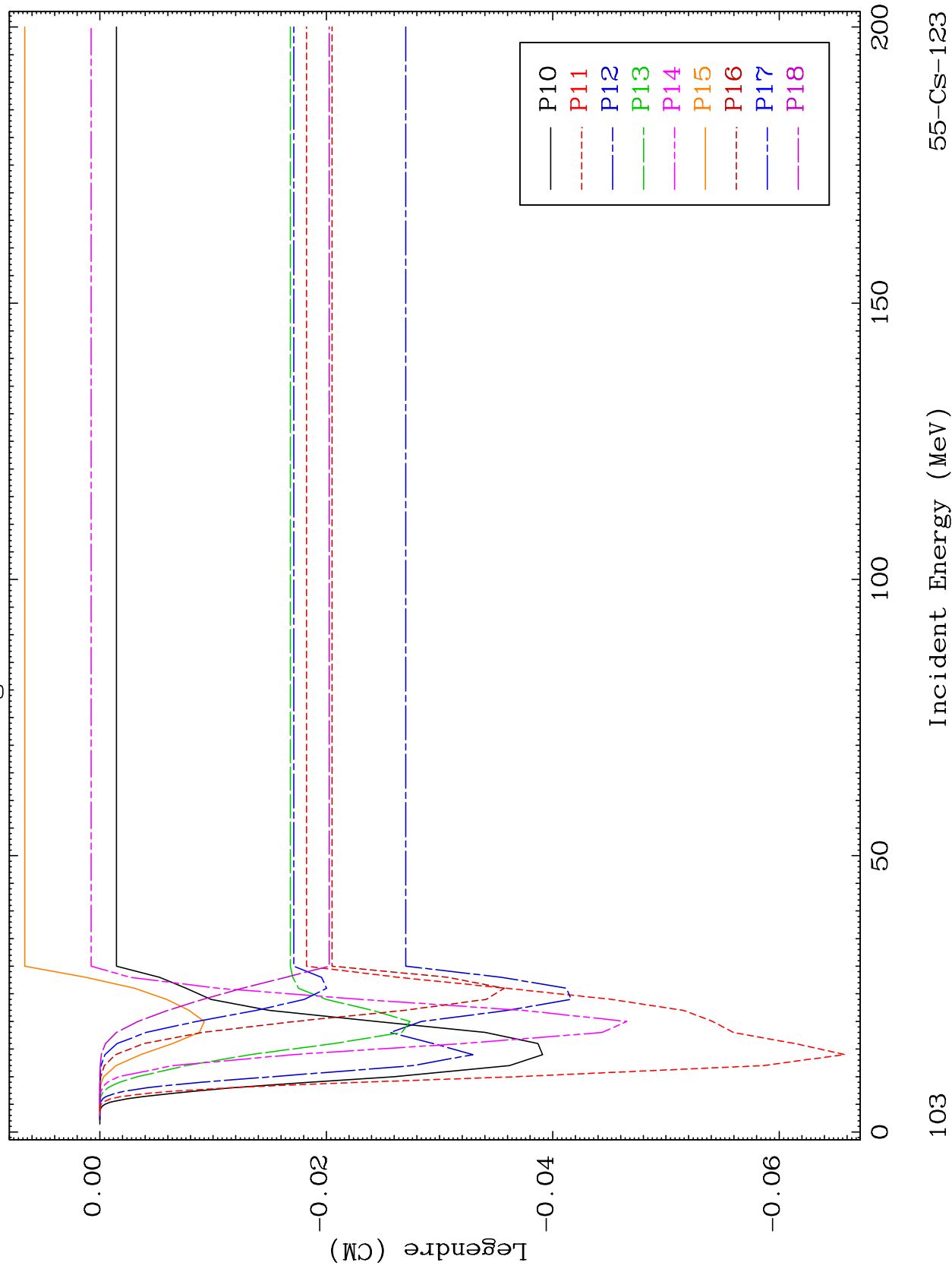


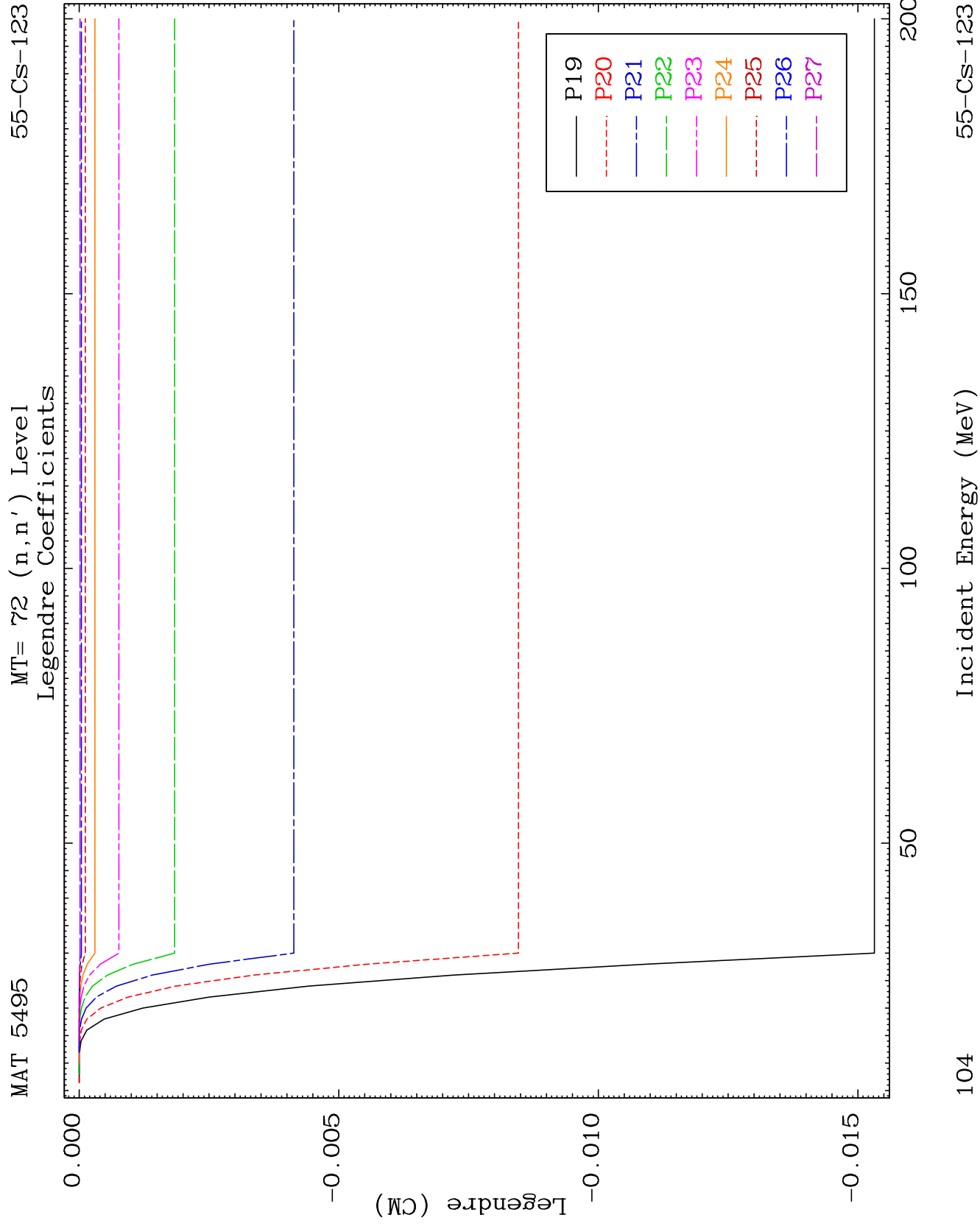


MAT 5495

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

55-CS-123

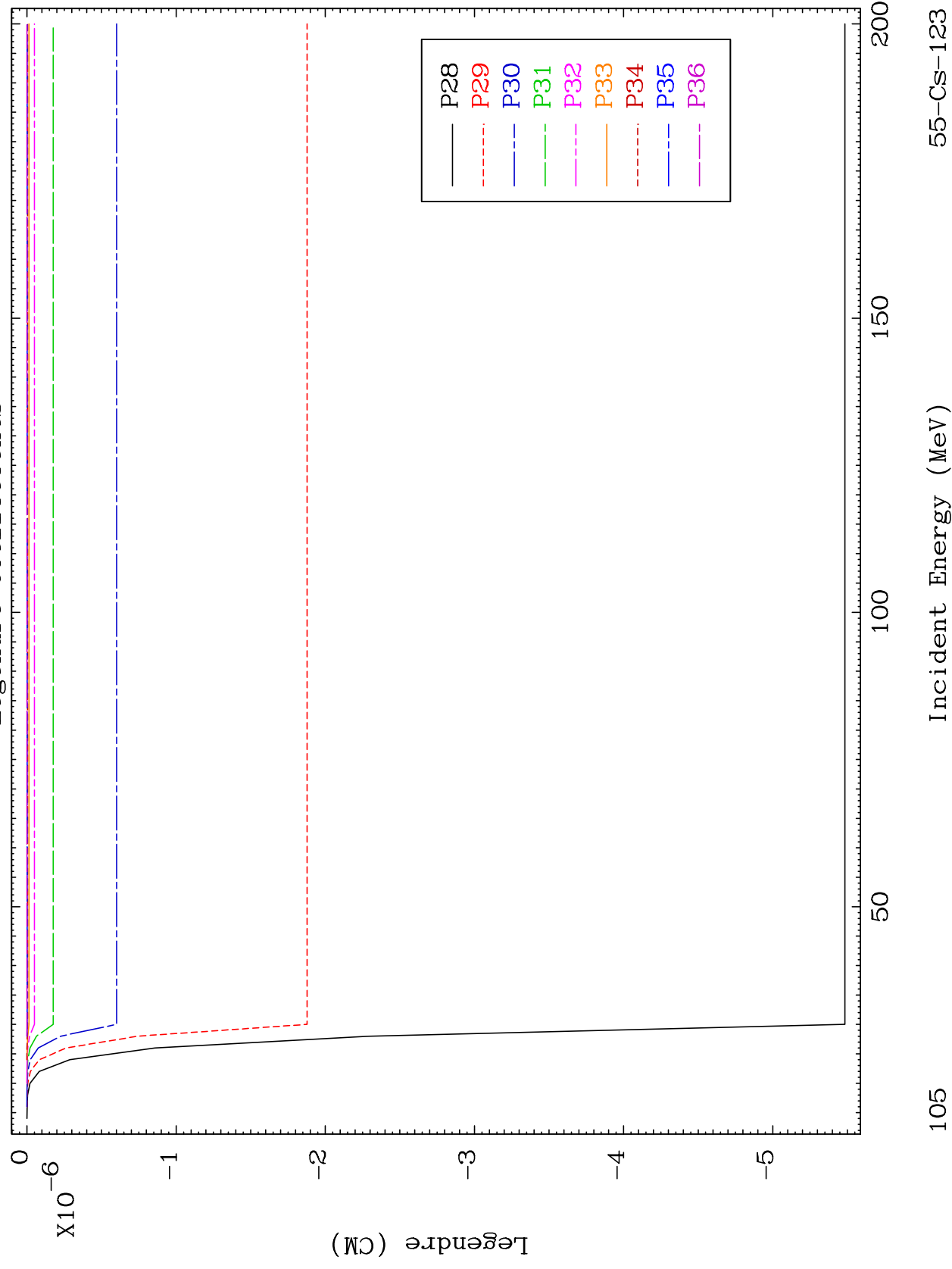


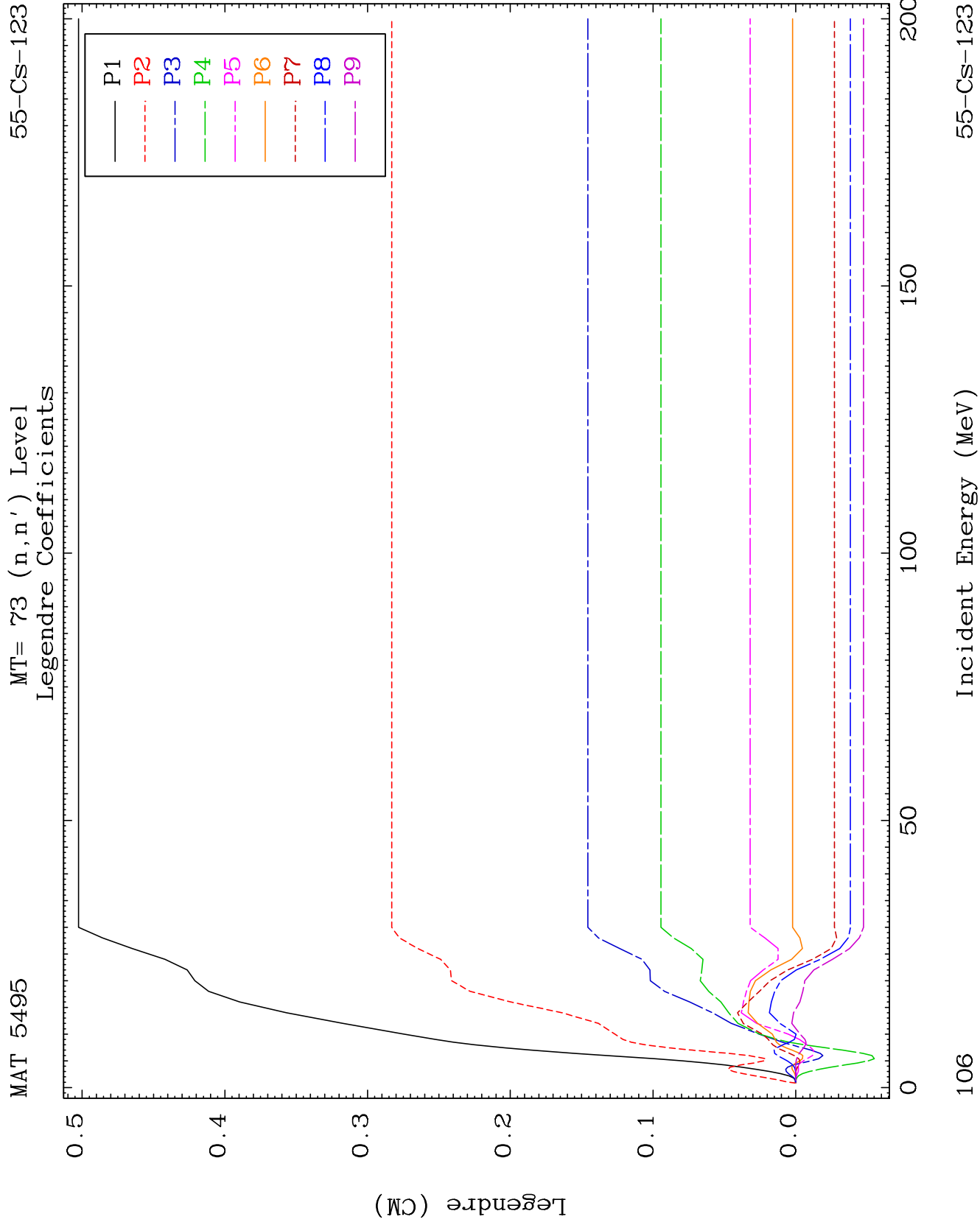


MAT 5495

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

55-CS-123

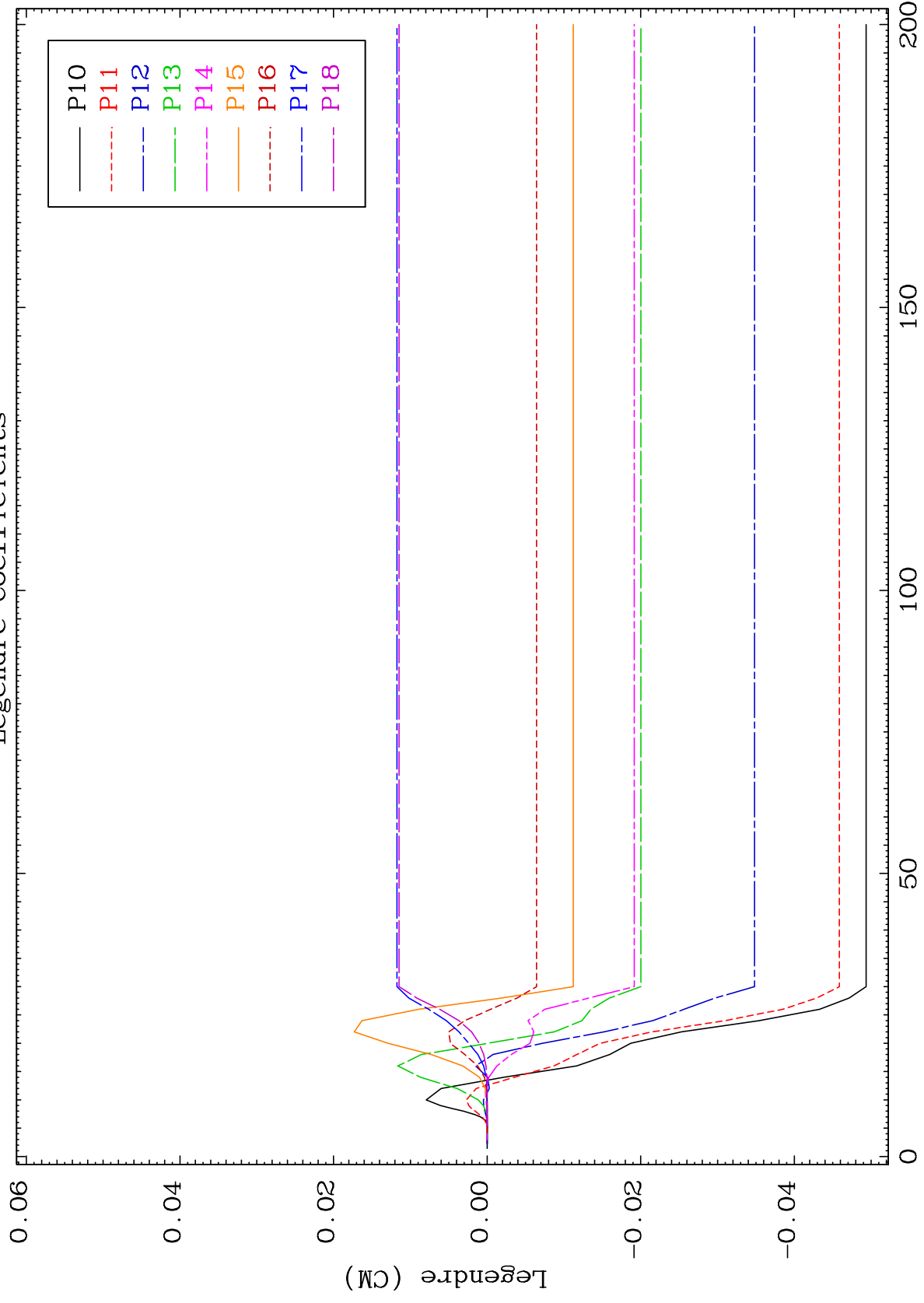




MAT 5495

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

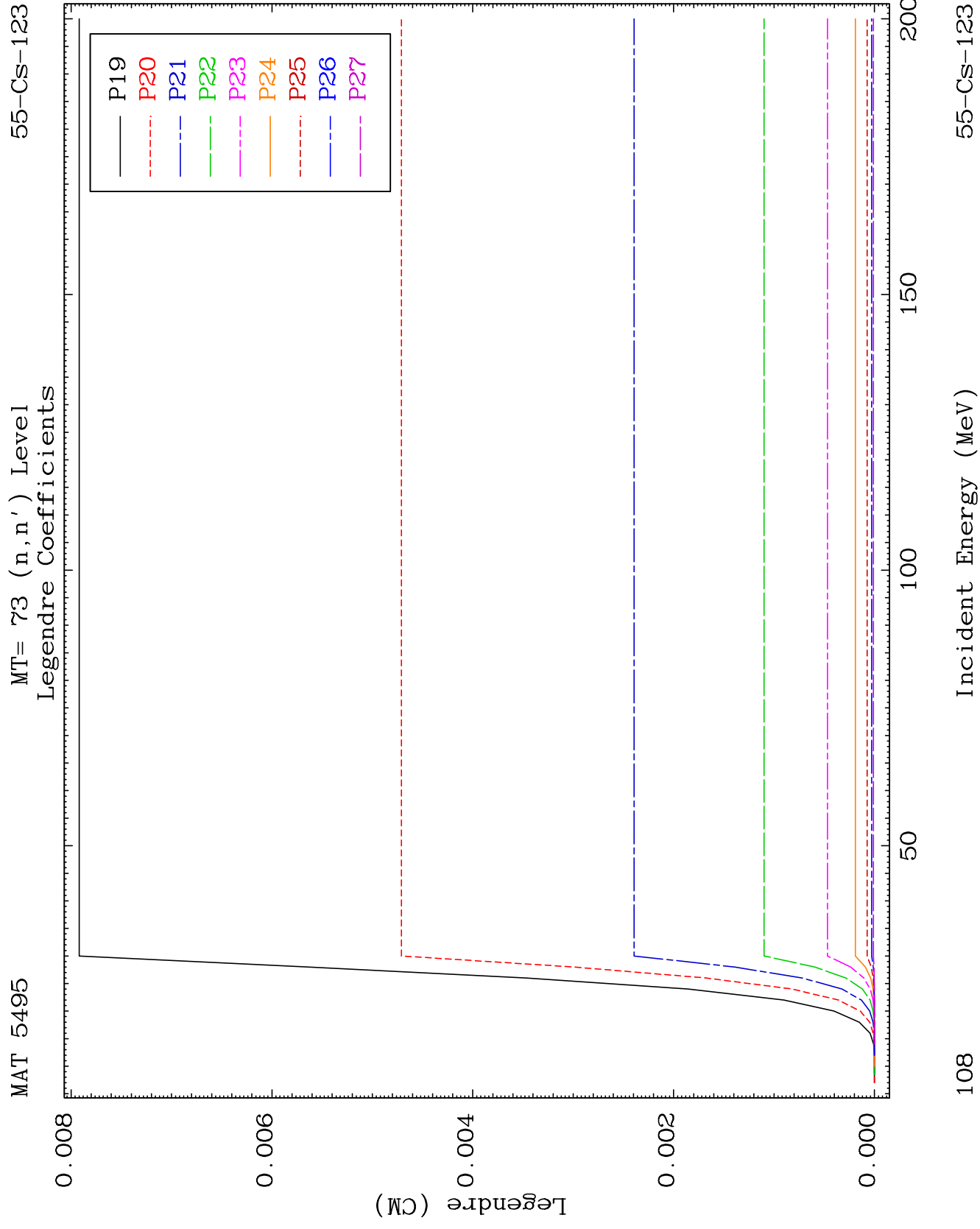
55-CS-123



107

Incident Energy (MeV)

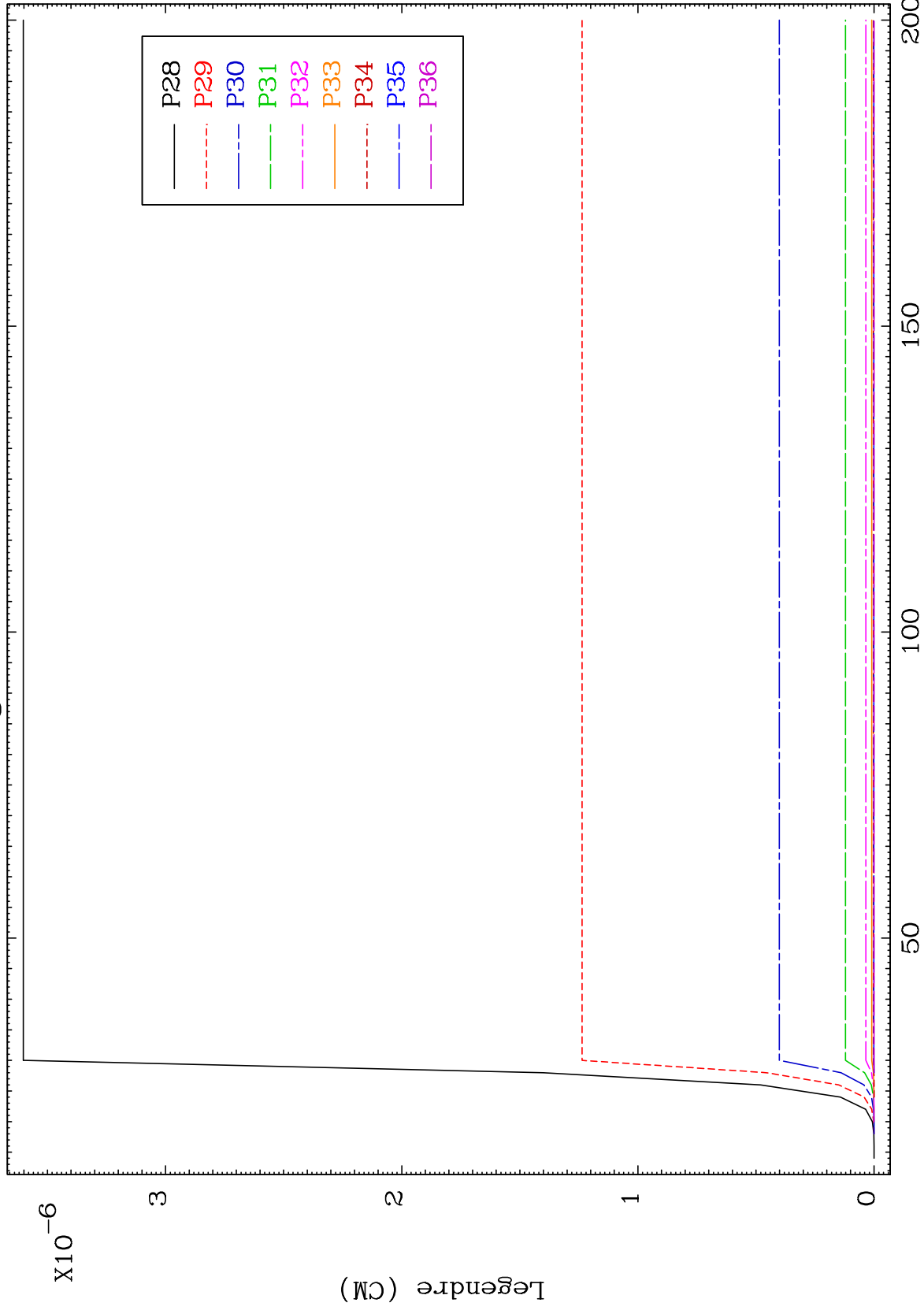
55-CS-123



MAT 5495

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

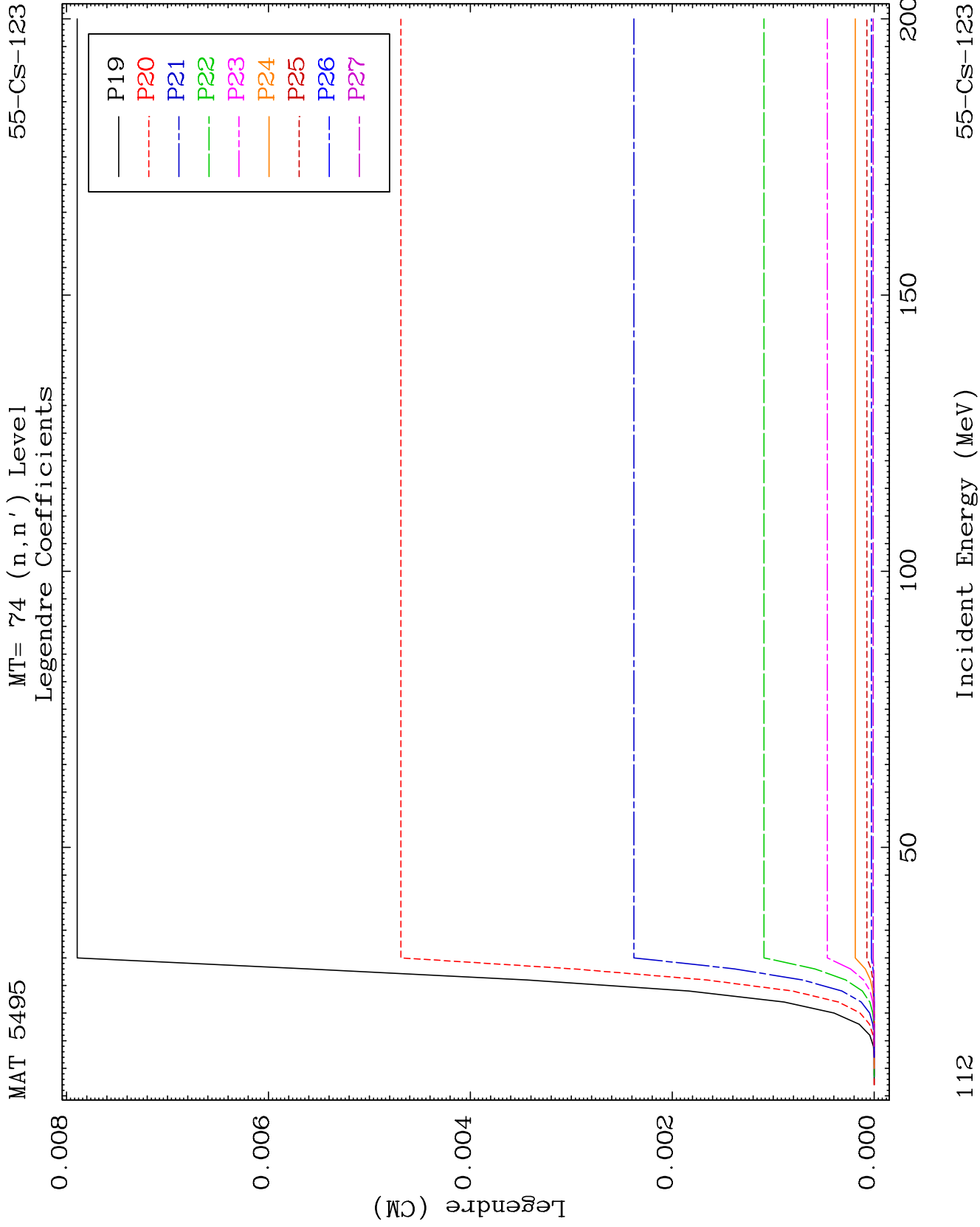
55-Cs-123



109

Incident Energy (MeV)

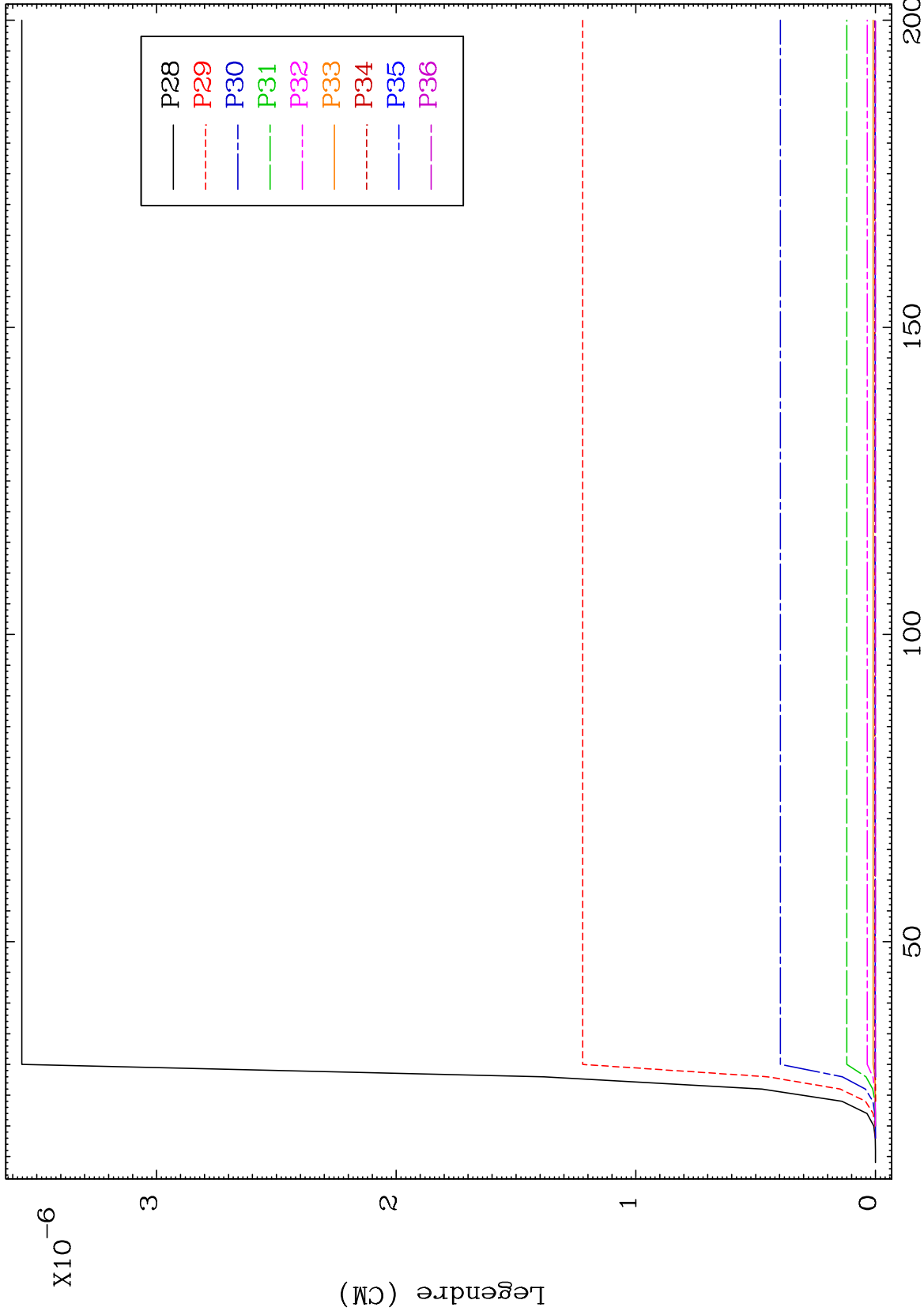
55-Cs-123



MAT 5495

MT= 74 (n,n') Level
Legendre Coefficients

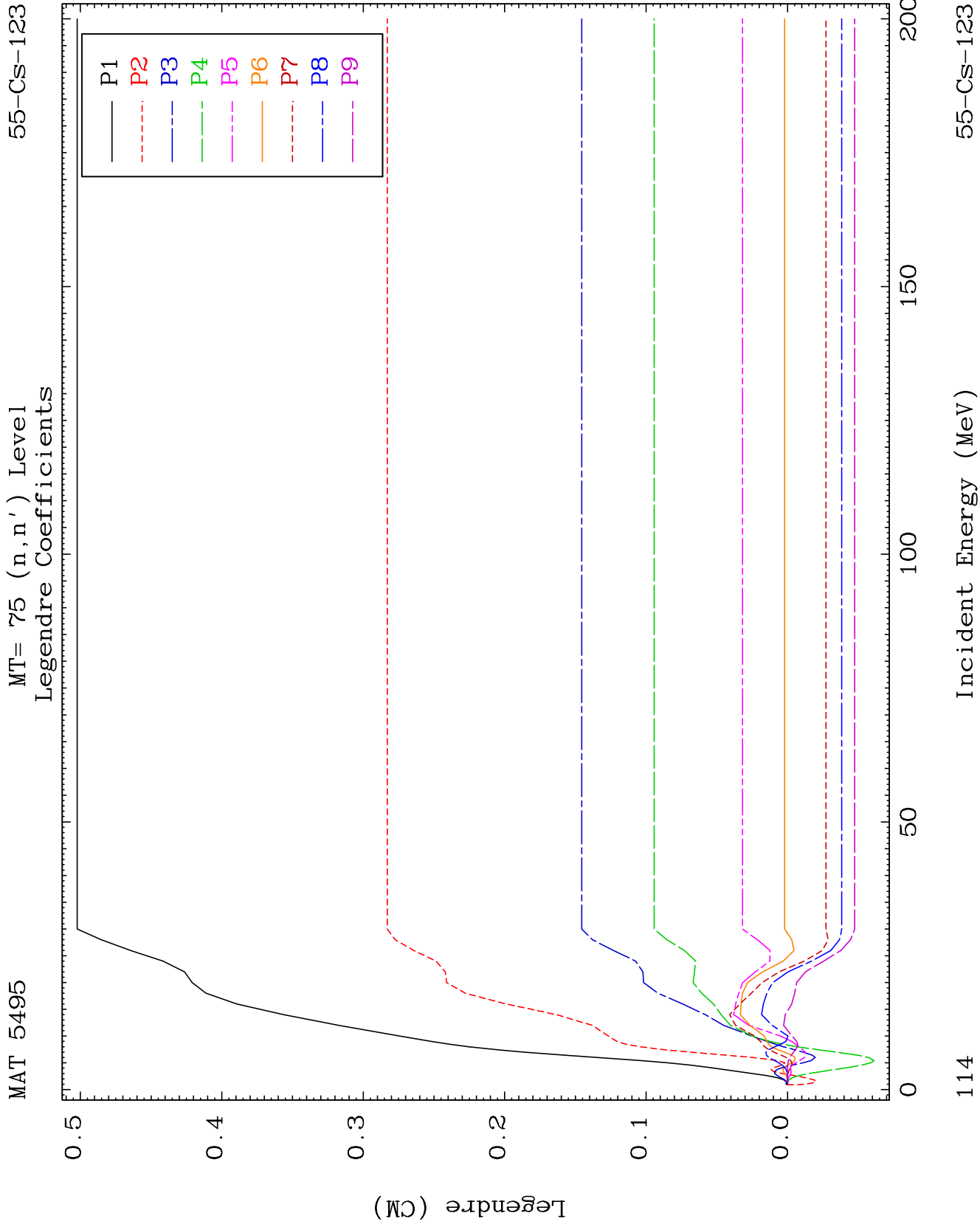
55-Cs-123



113

Incident Energy (MeV)

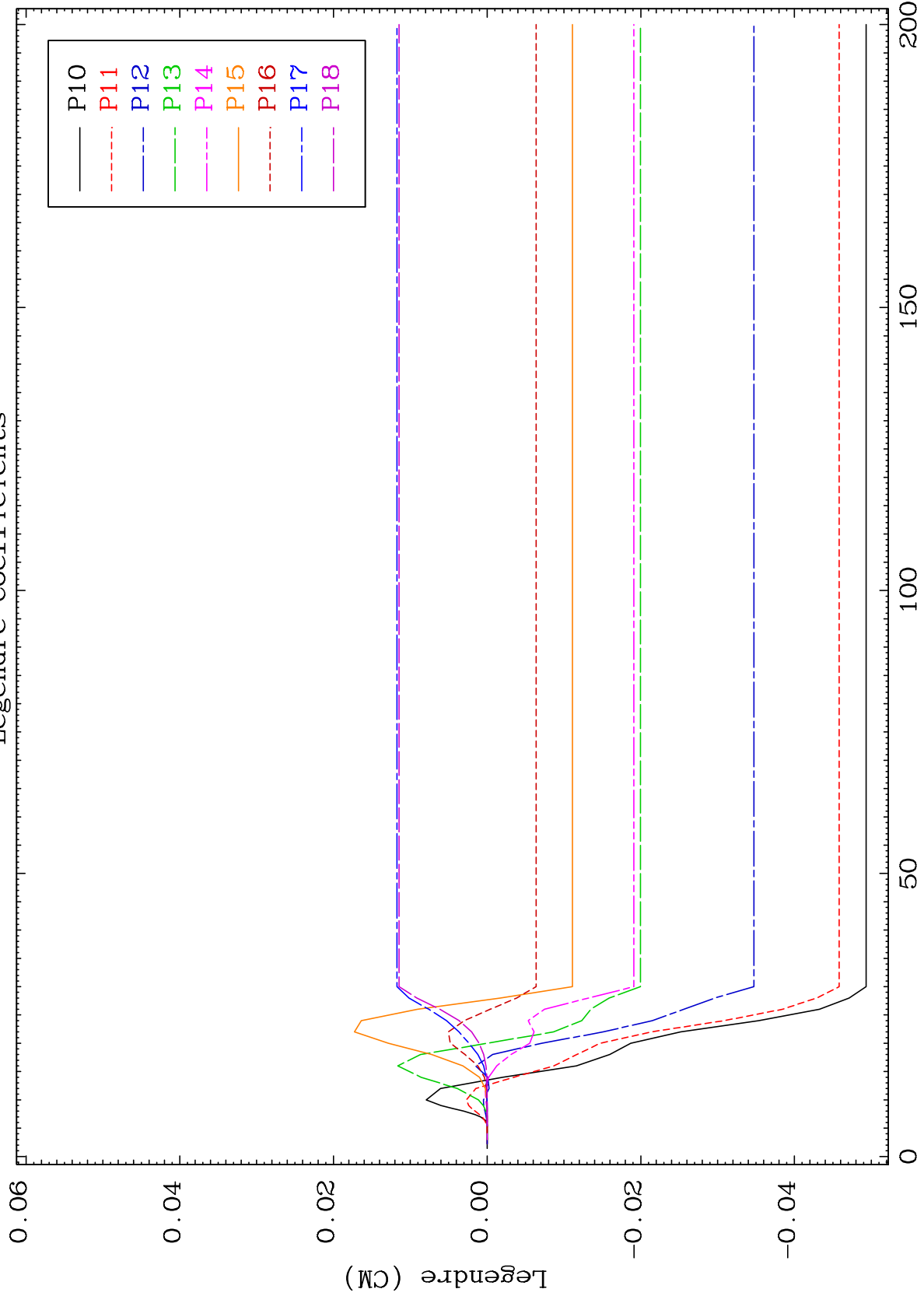
55-Cs-123



MAT 5495

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

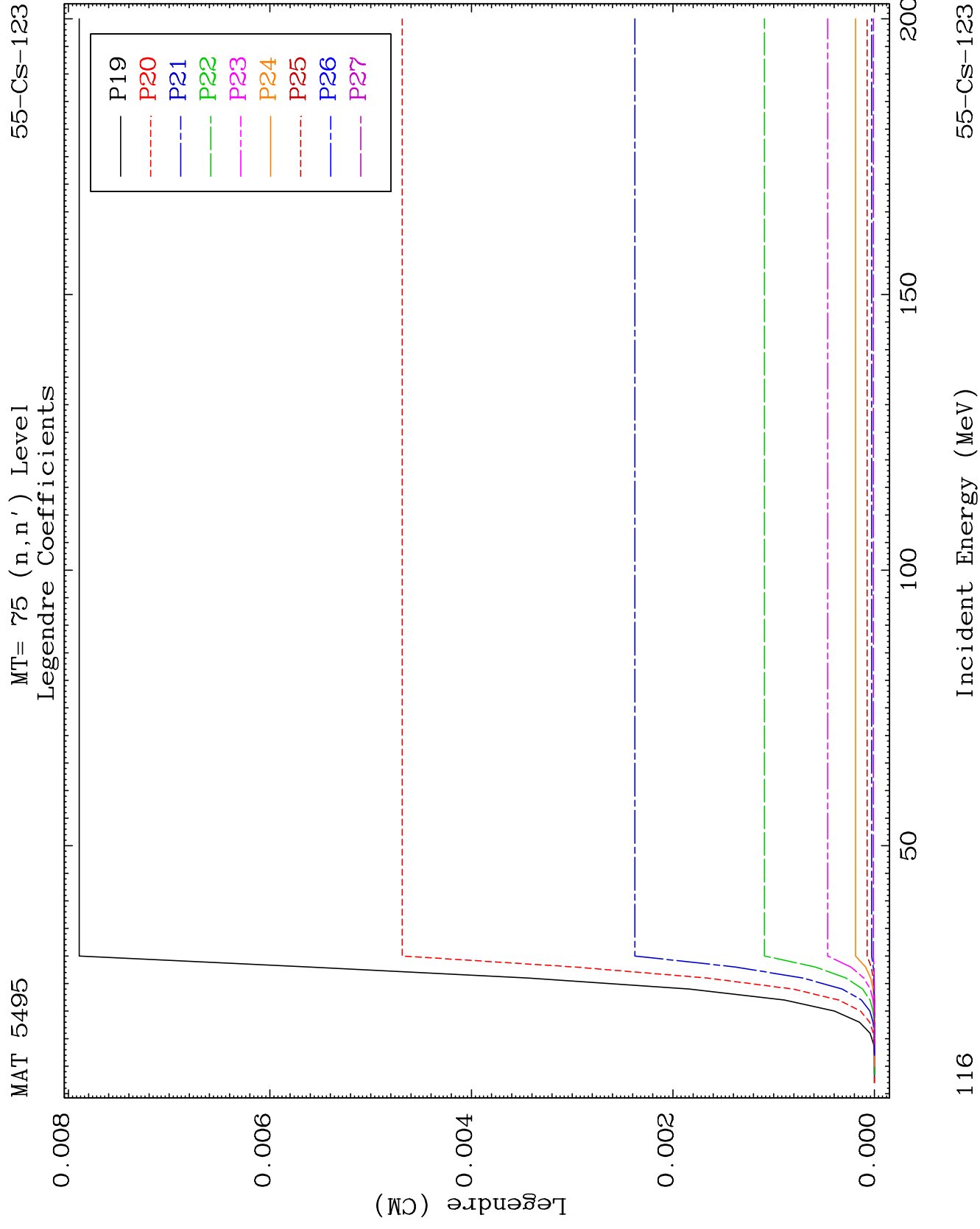
55-CS-123



115

Incident Energy (MeV)

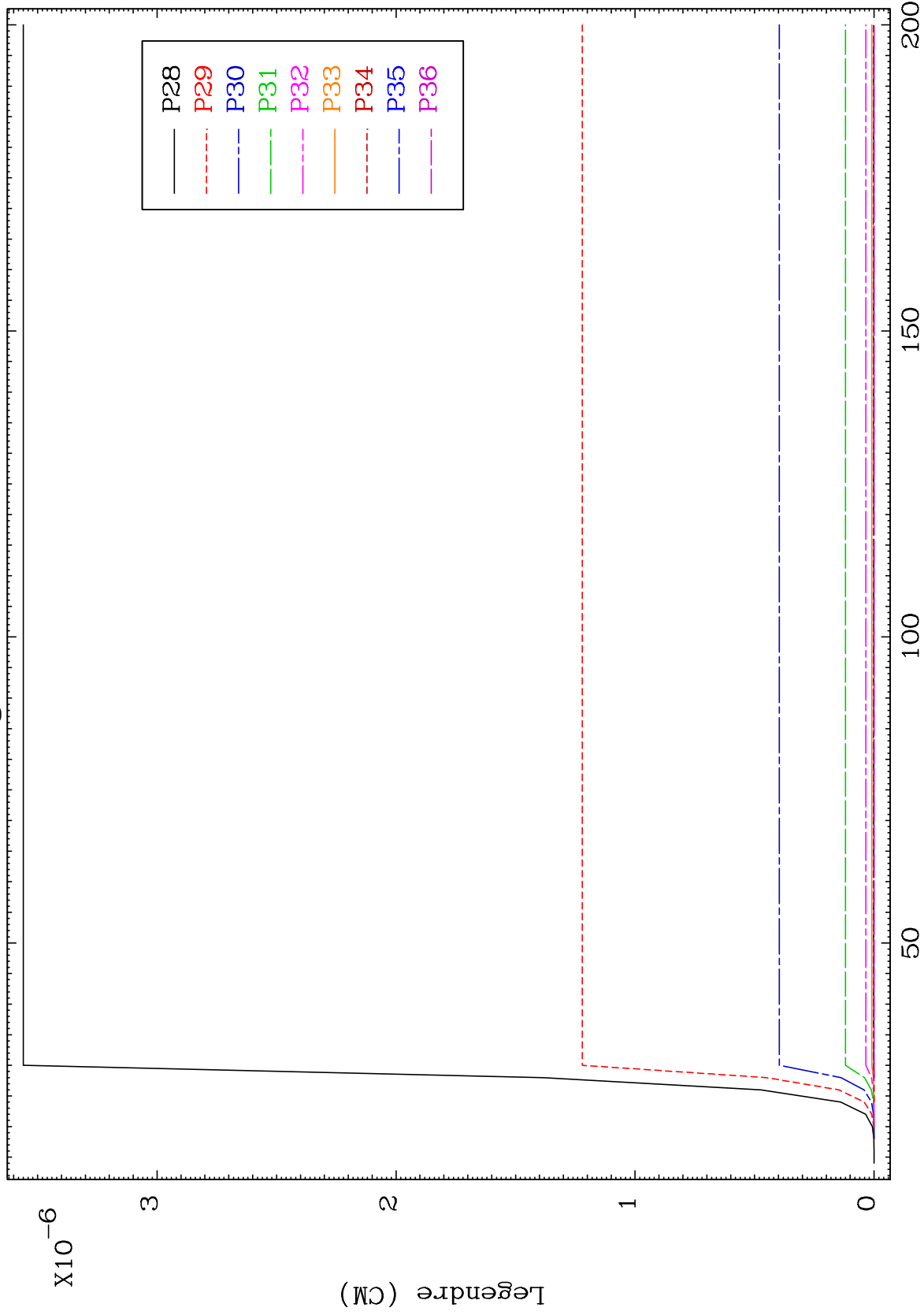
55-CS-123



MAT 5495

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

55-Cs-123



117

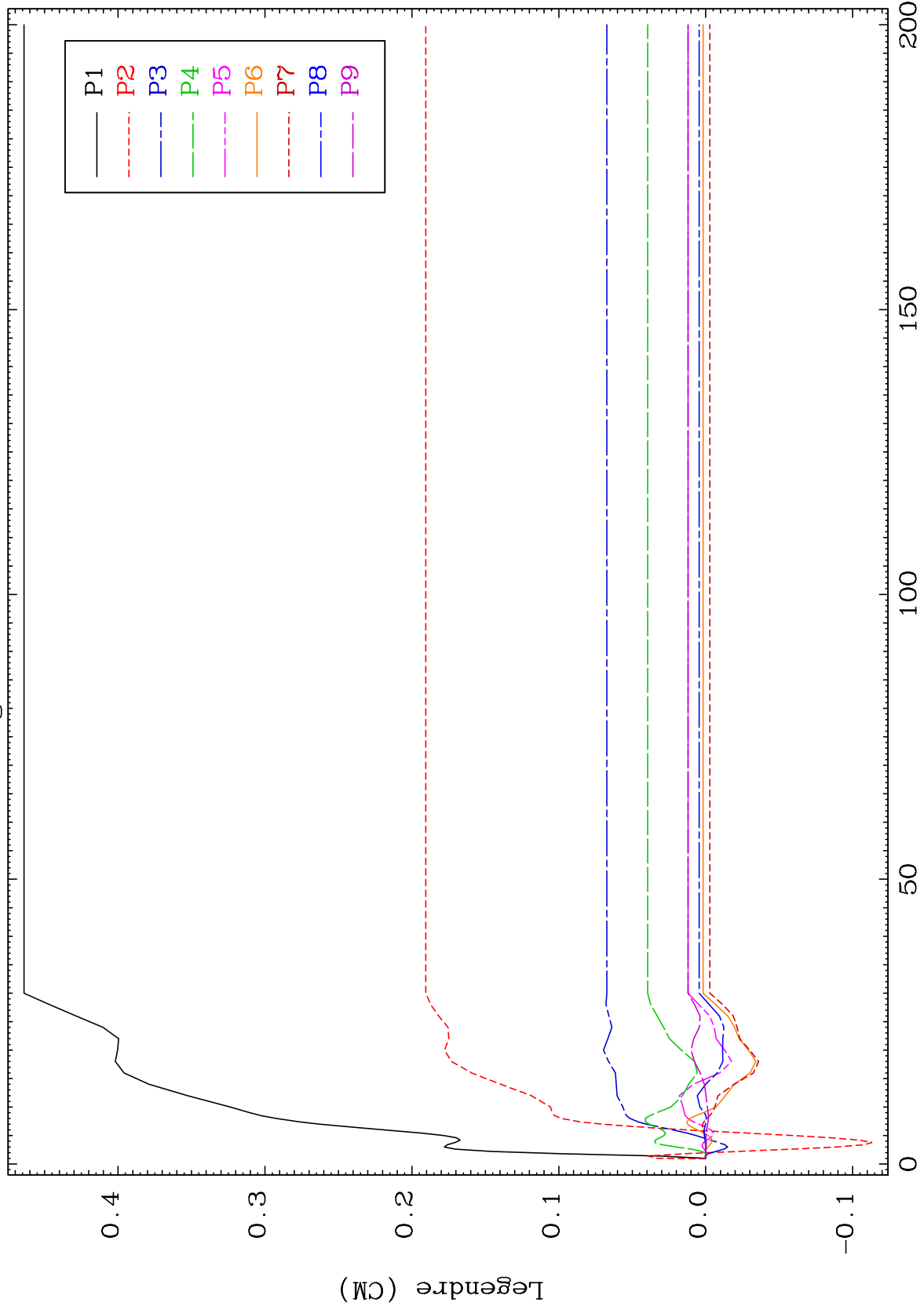
Incident Energy (MeV)

55-Cs-123

MAT 5495

MT= 76 (n,n') Level
Legendre Coefficients

55-Cs-123



118

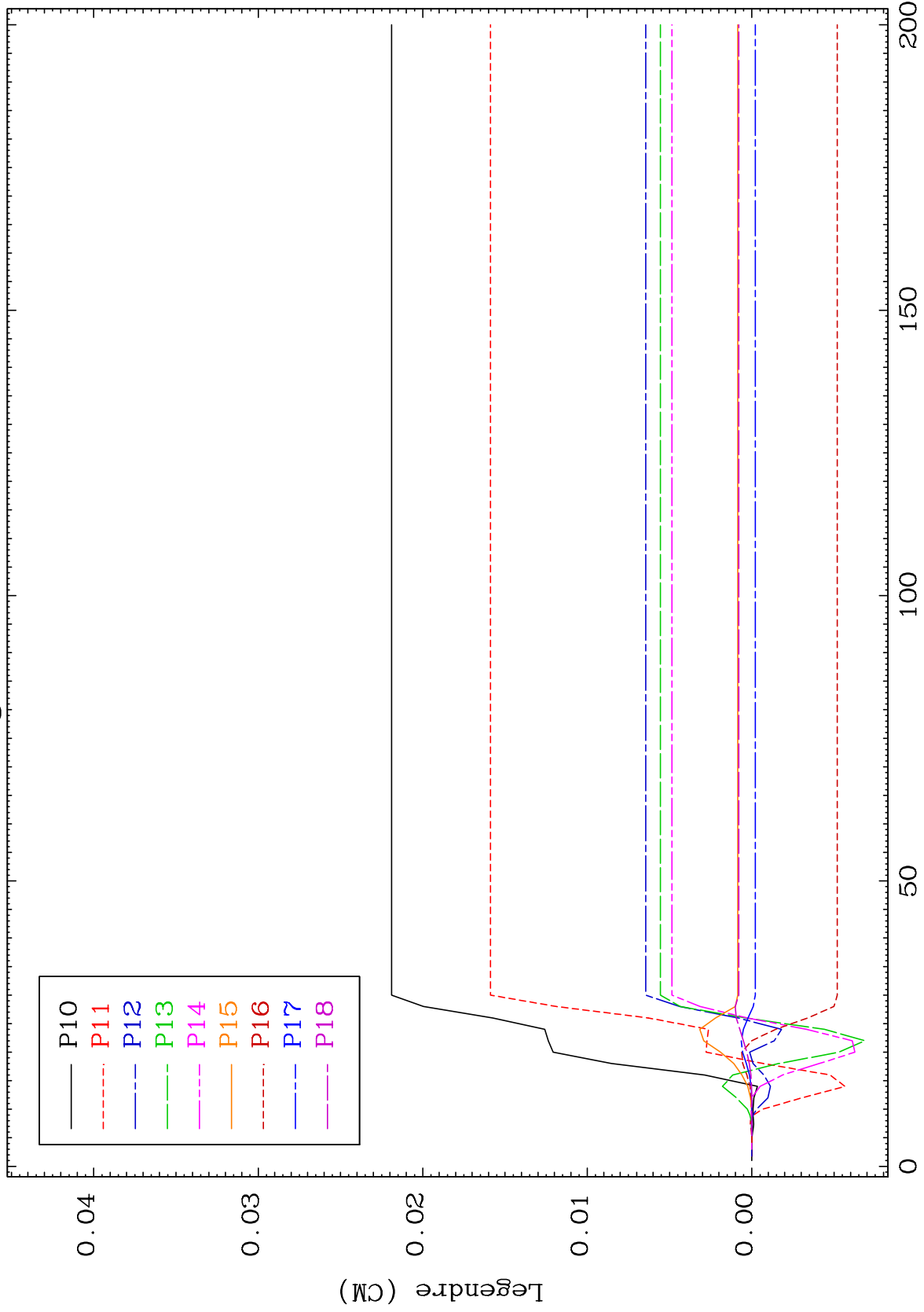
Incident Energy (MeV)

55-Cs-123

MAT 5495

MT= 76 (n,n') Level
Legendre Coefficients

55-Cs-123



119

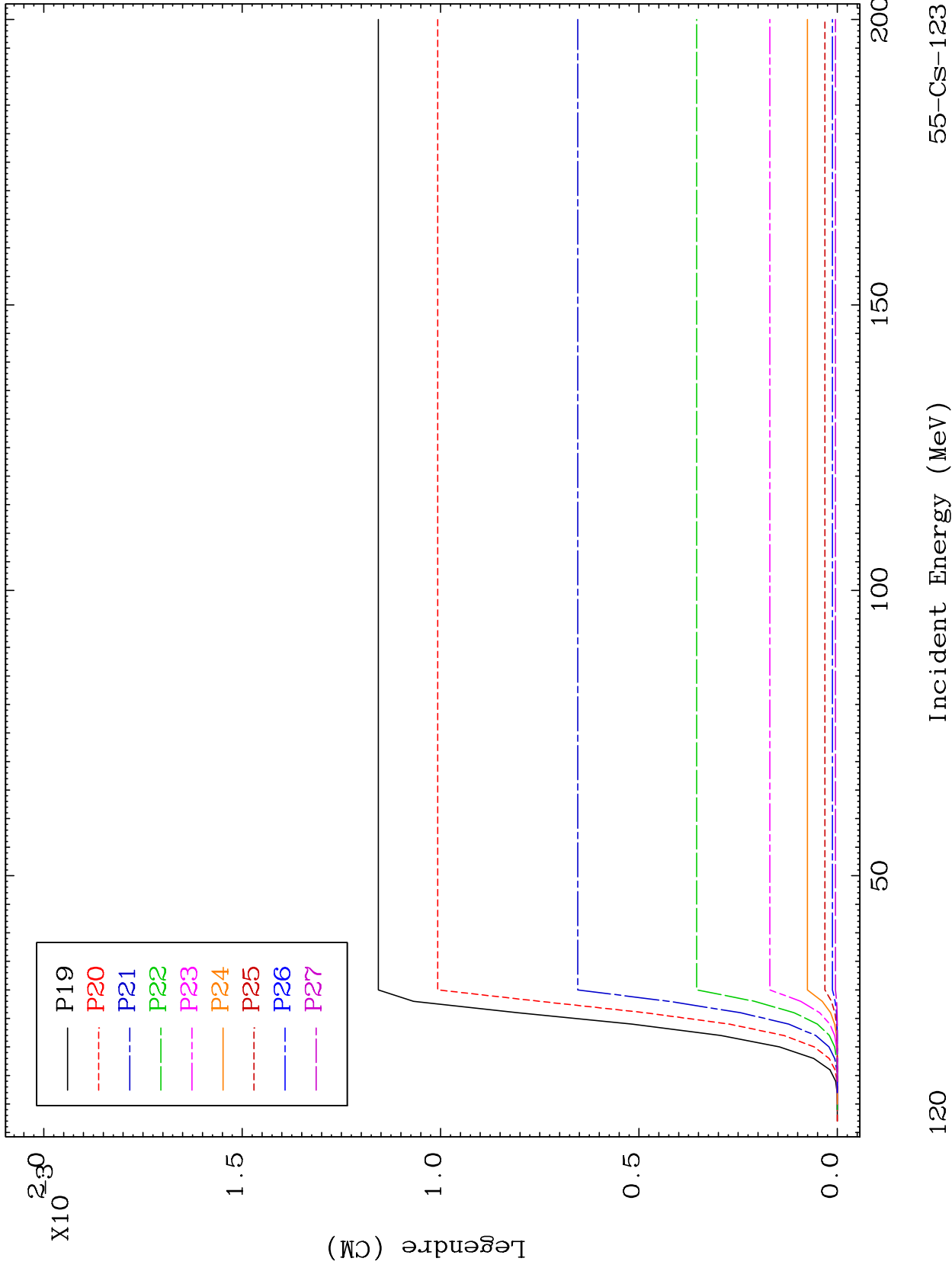
Incident Energy (MeV)

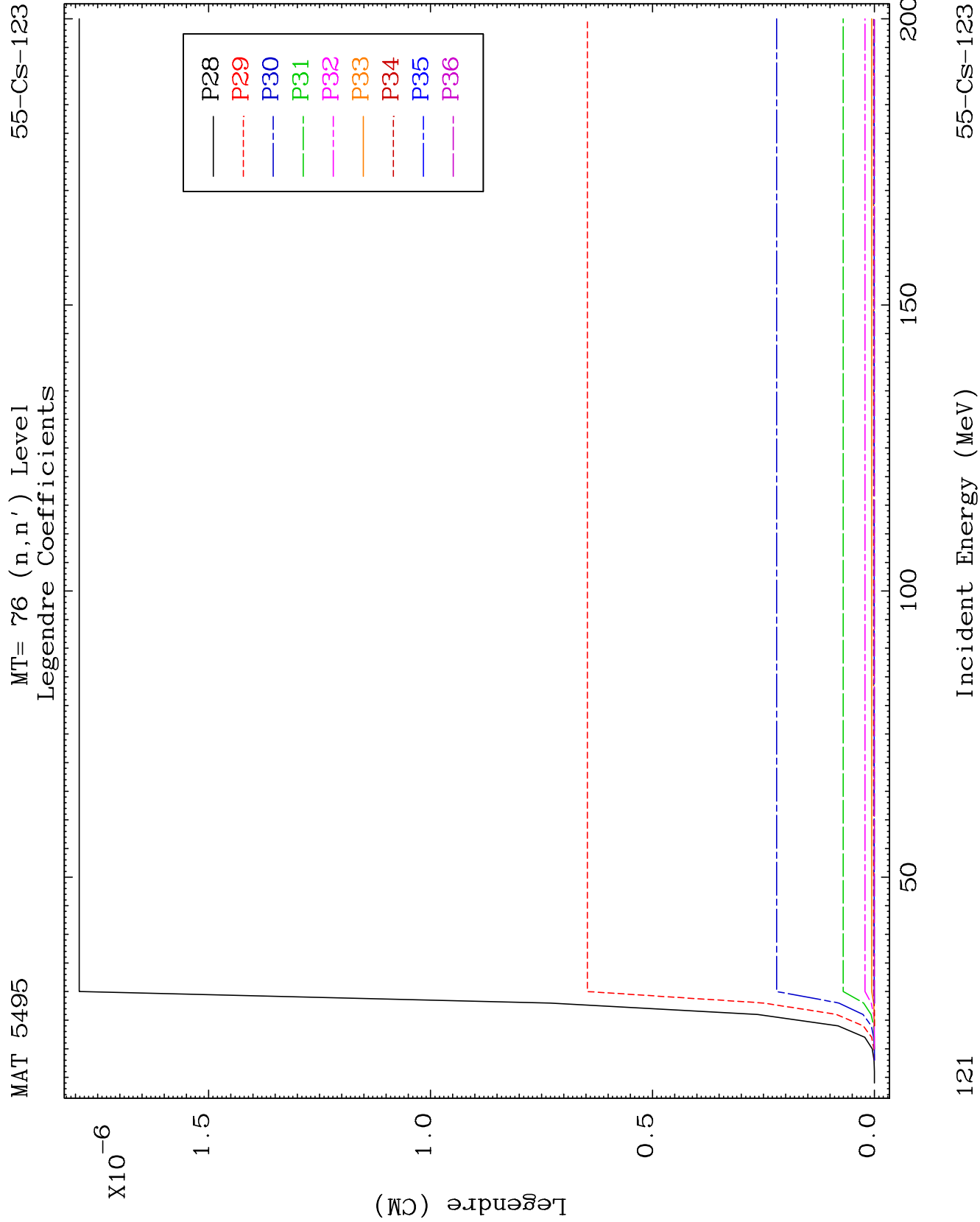
55-Cs-123

MAT 5495

MT= 76 (n,n') Level
Legendre Coefficients

55-Cs-123

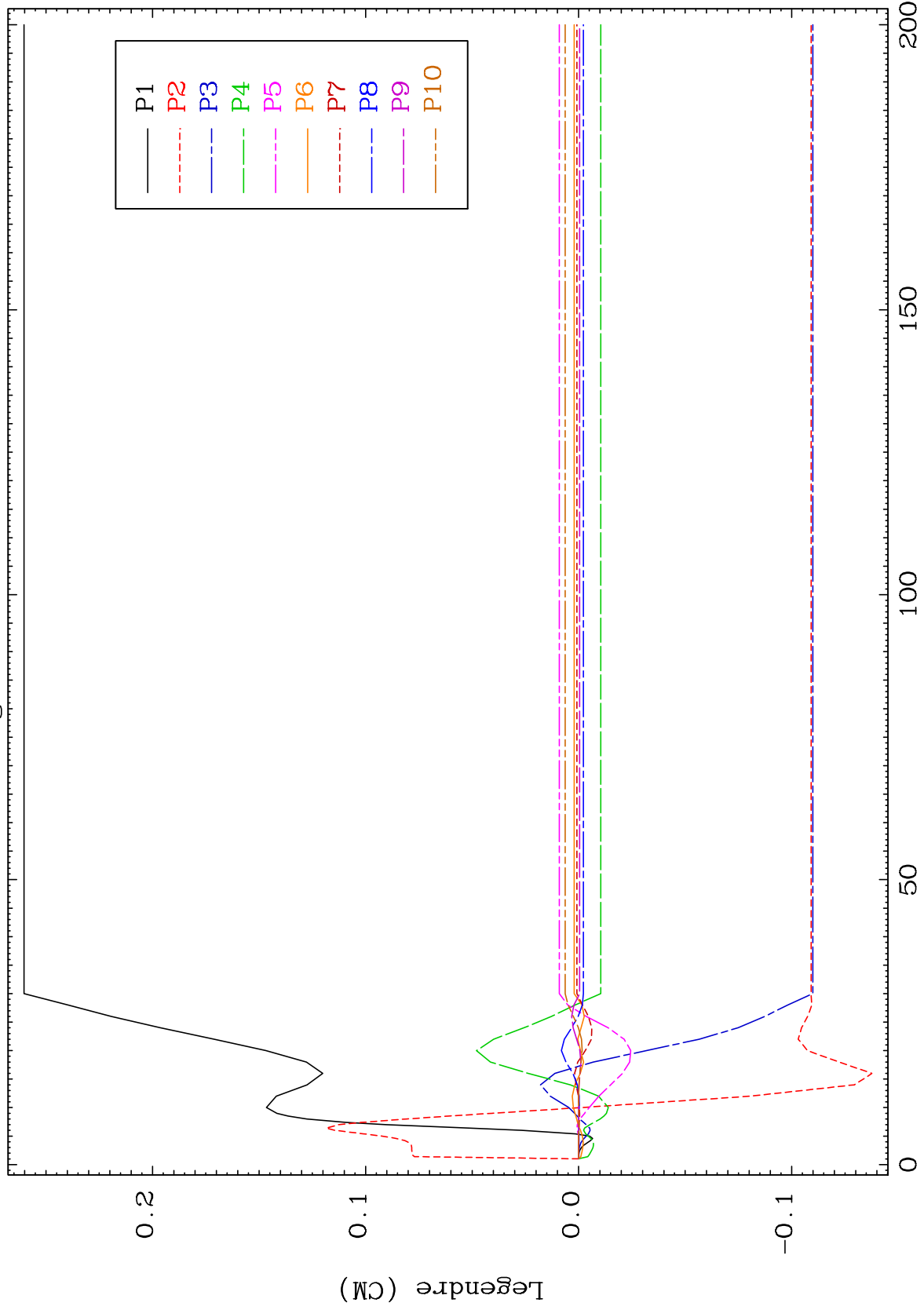




MAT 5495

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

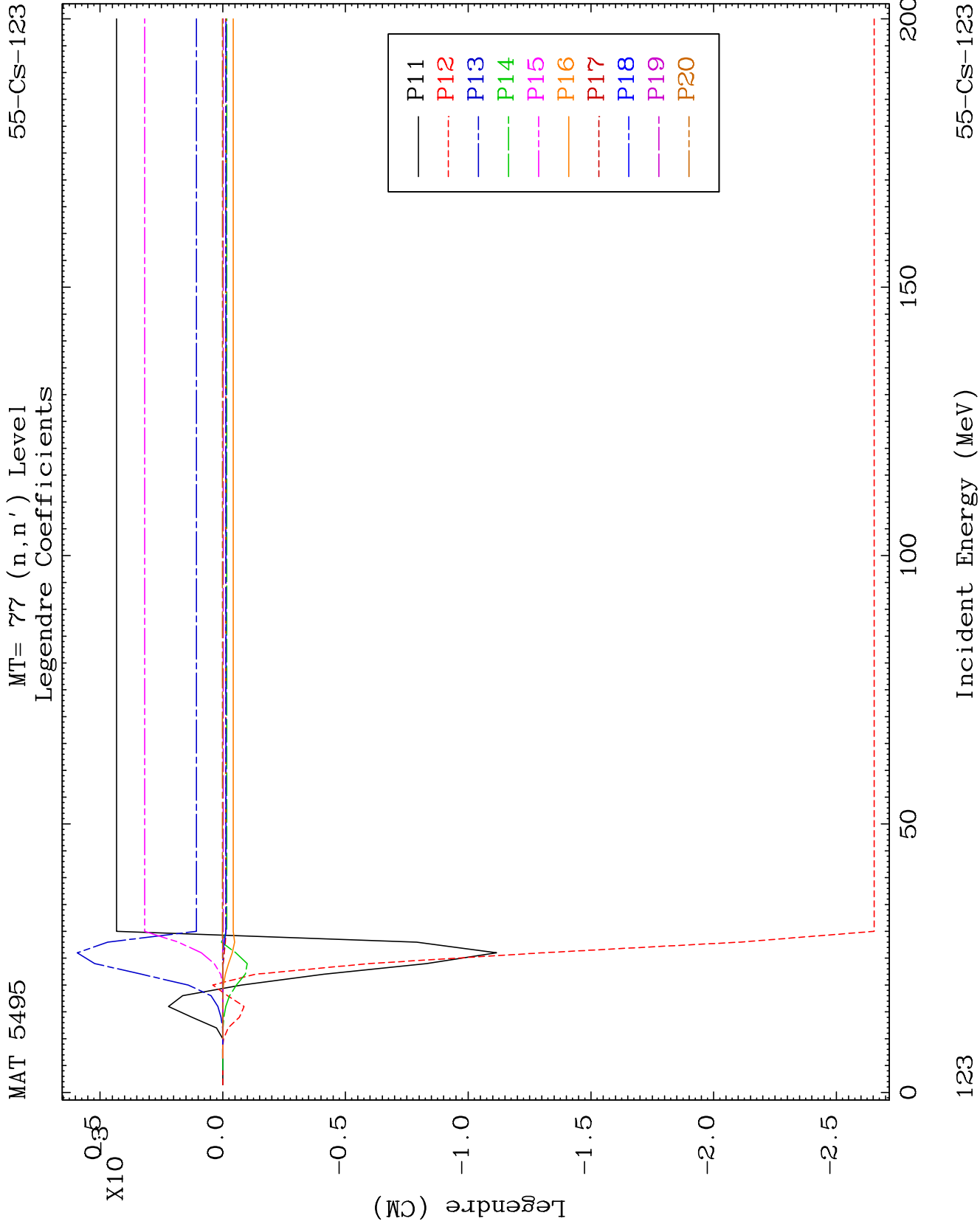
55-Cs-123



122

Incident Energy (MeV)

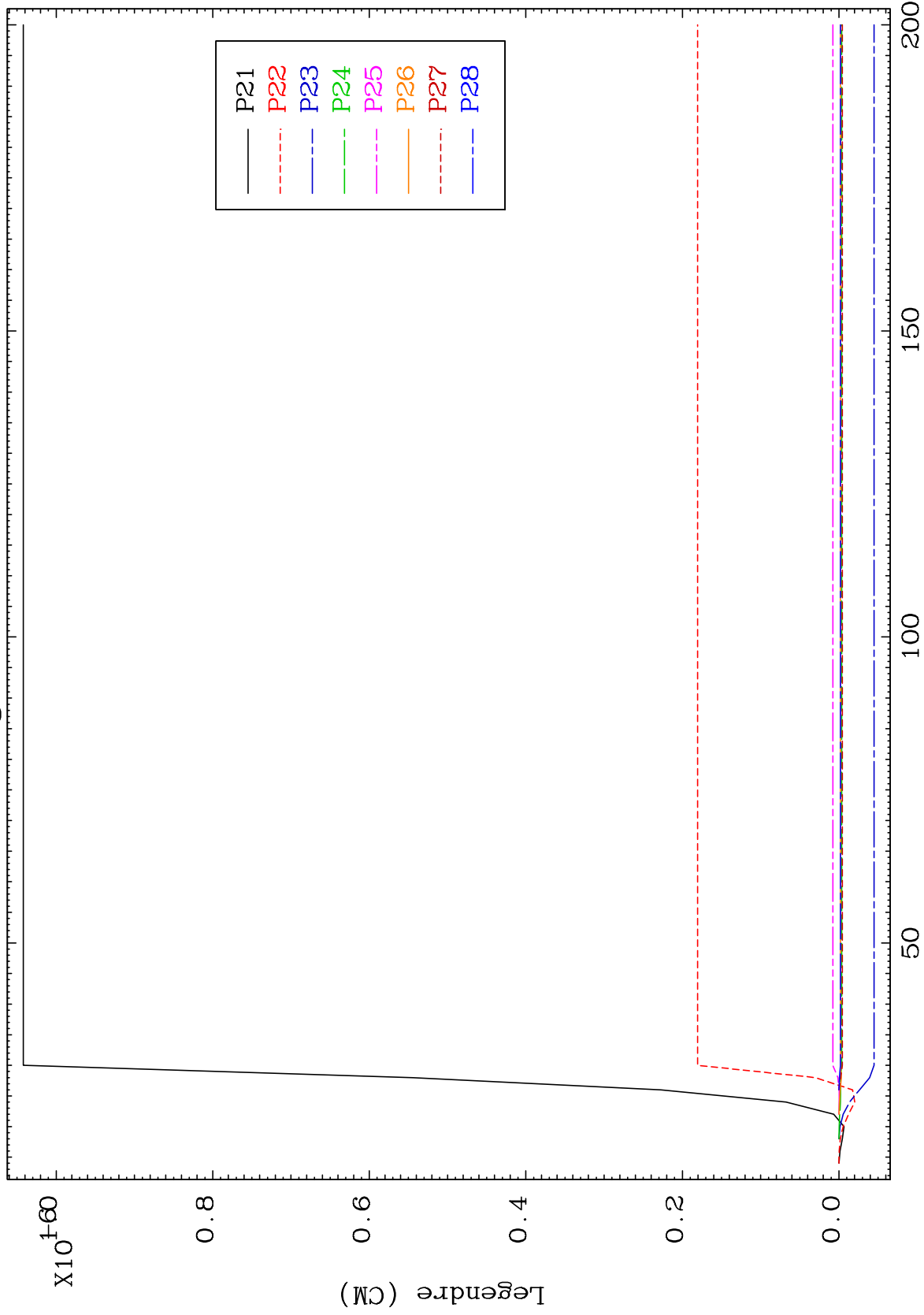
55-Cs-123



MAT 5495

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

55-Cs-123



124

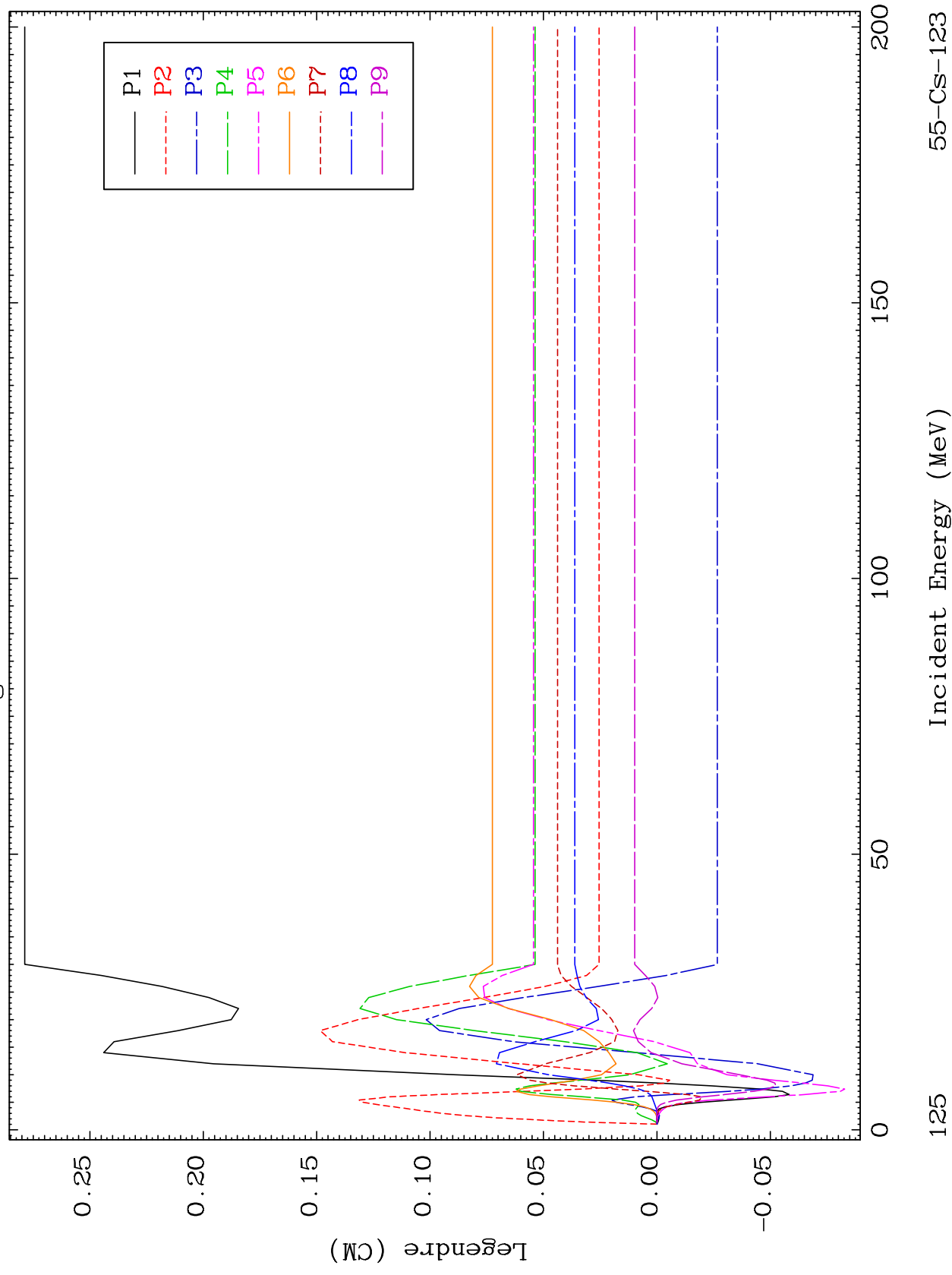
Incident Energy (MeV)

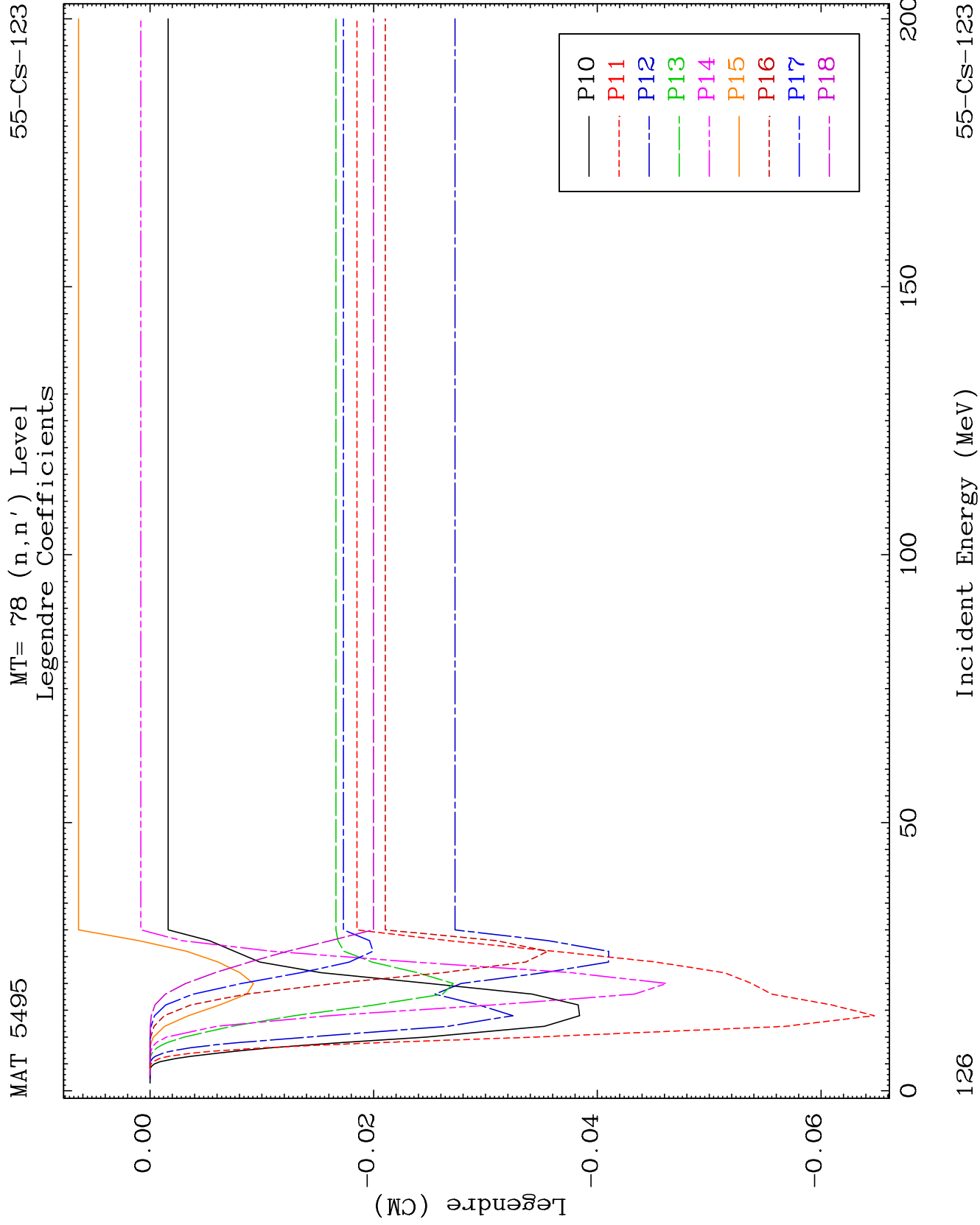
55-Cs-123

MAT 5495

MT= 78 (n, n') Level
Legendre Coefficients

55-CS-123

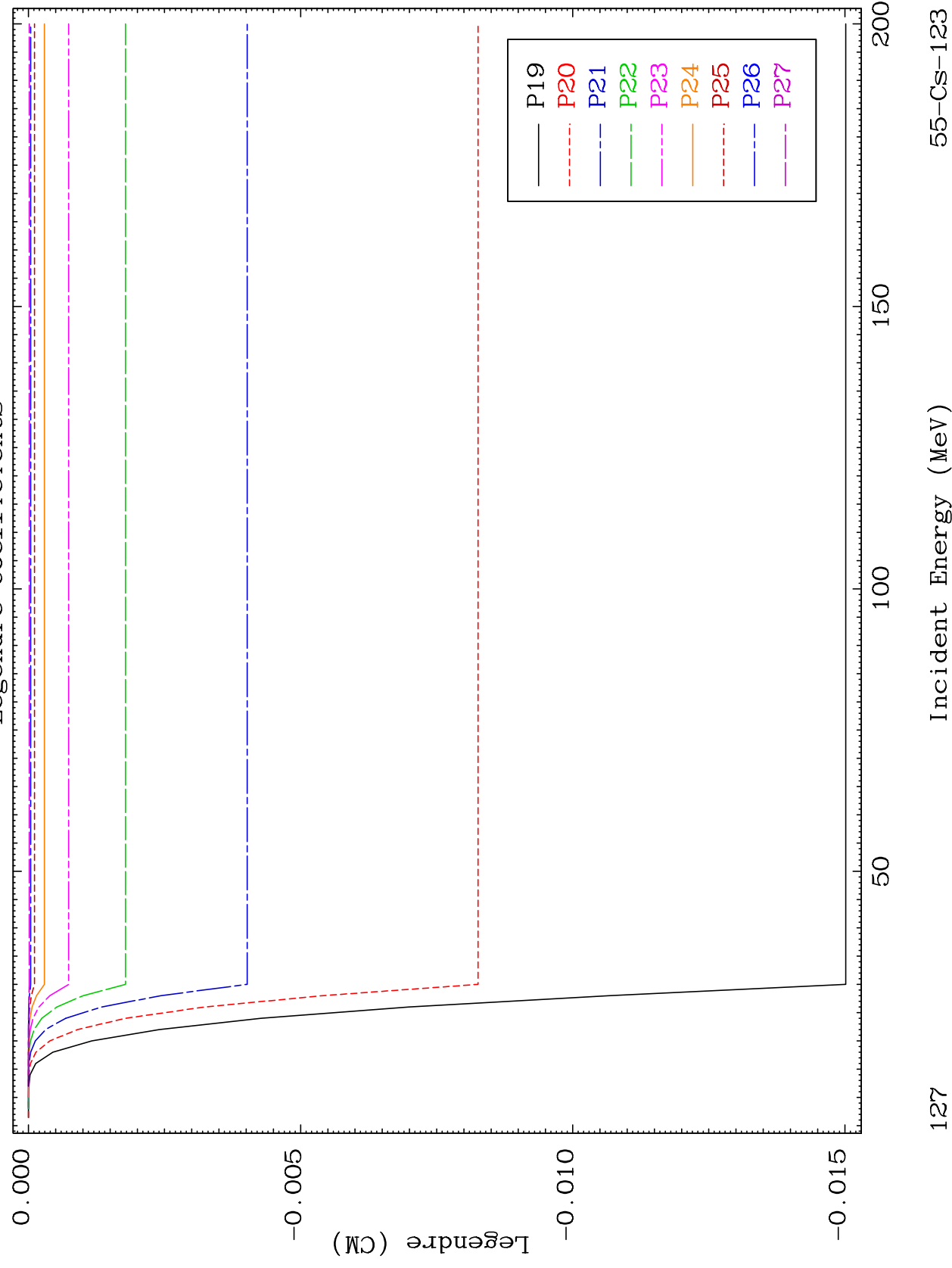


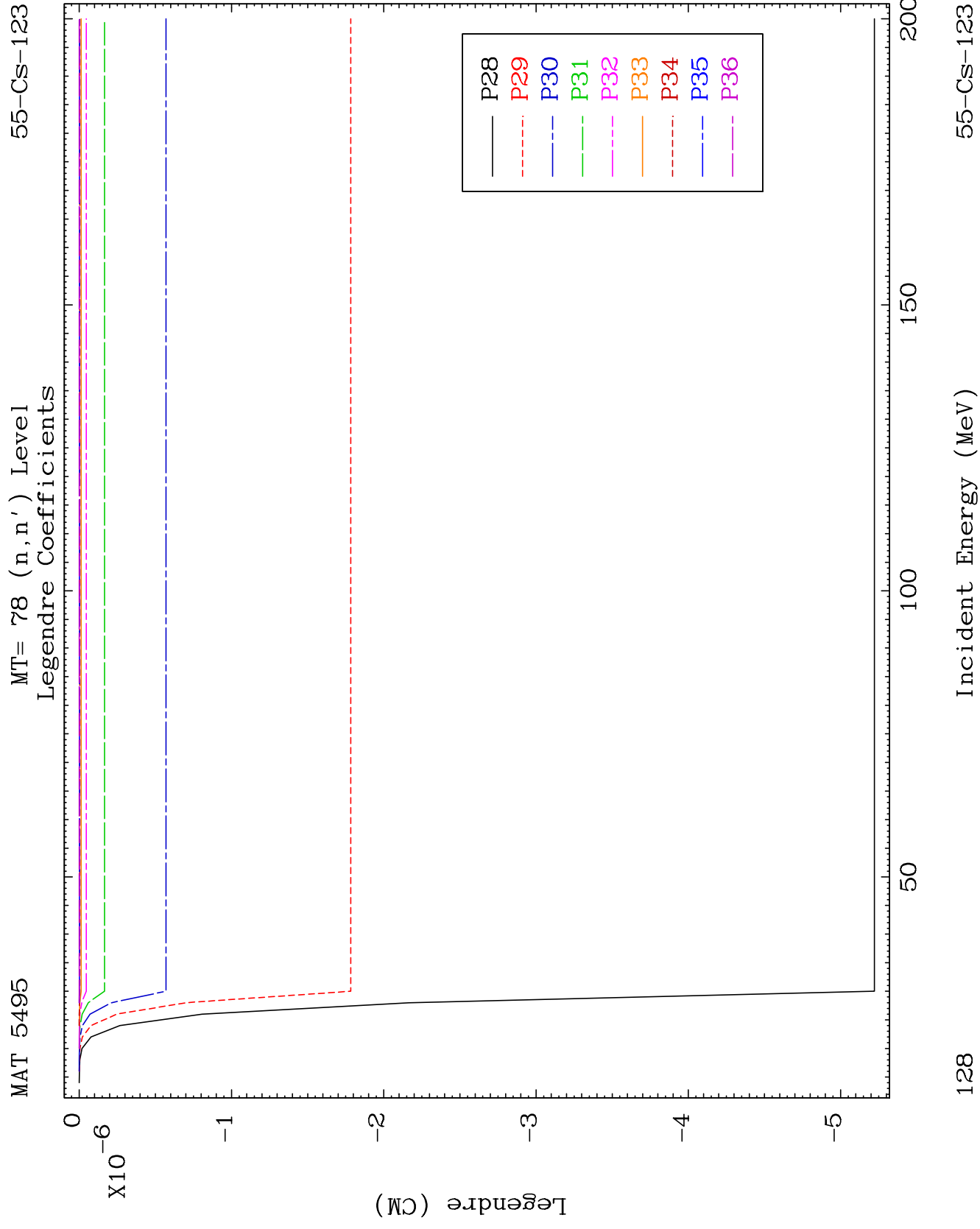


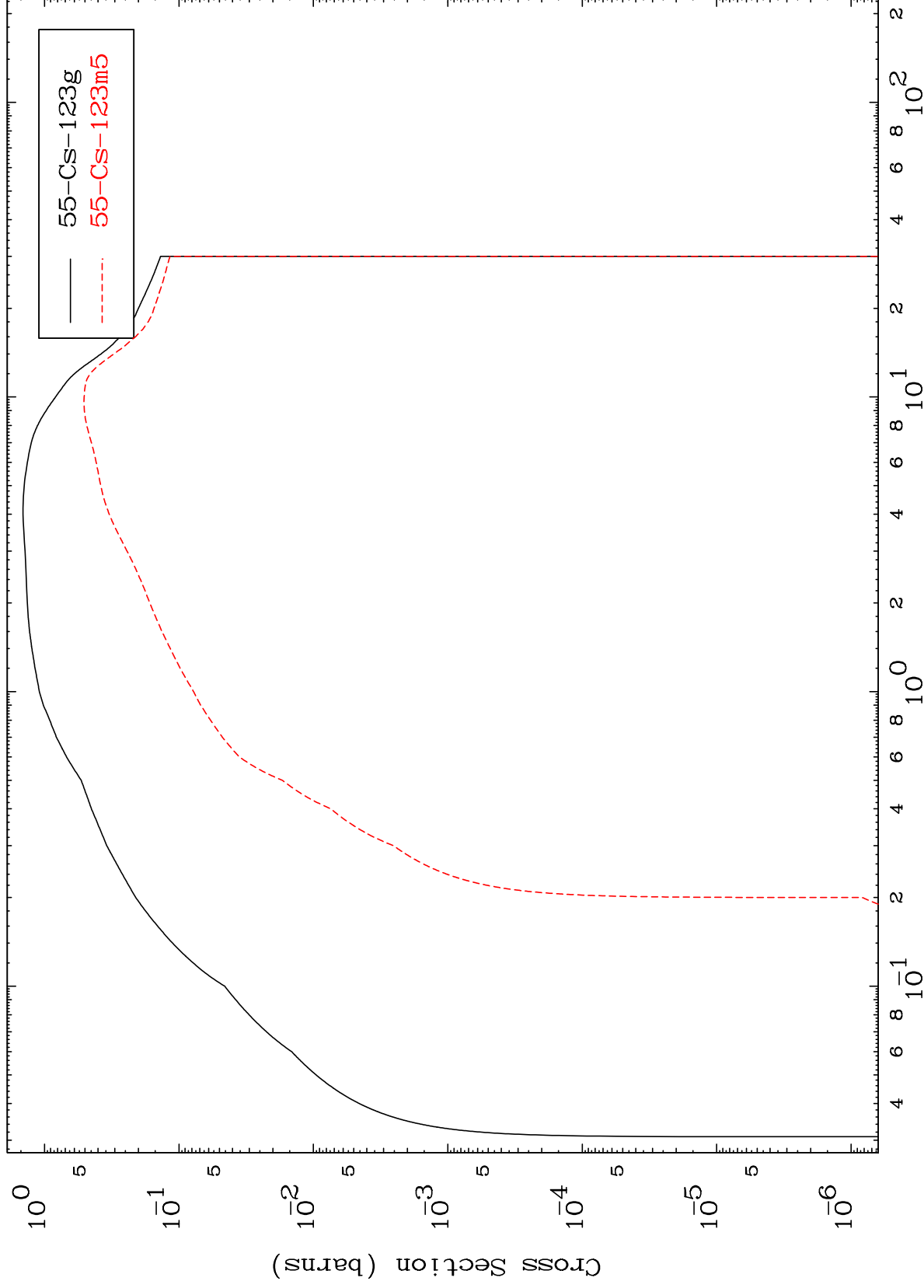
MAT 5495

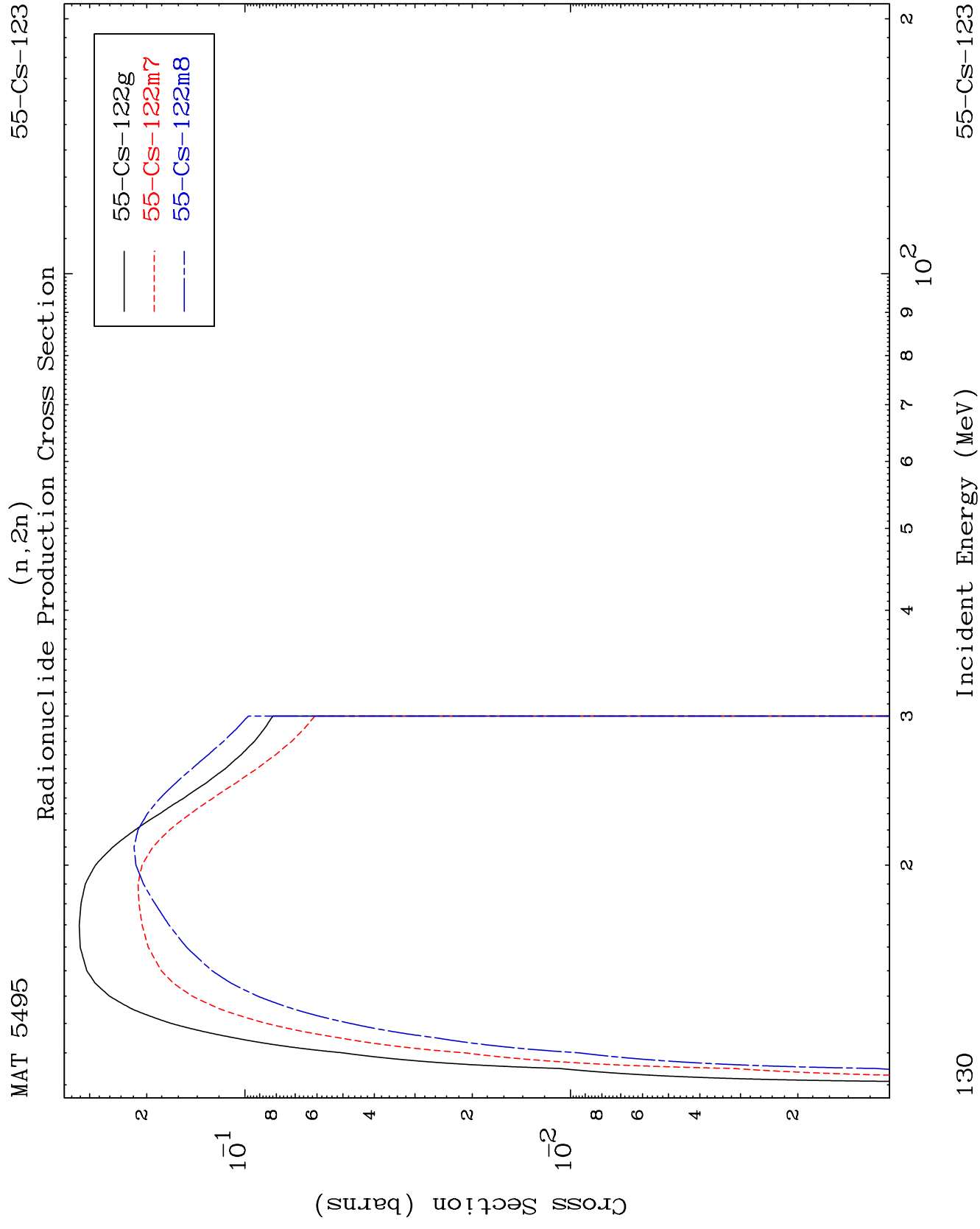
MT= 78 (n, n') Level
Legendre Coefficients

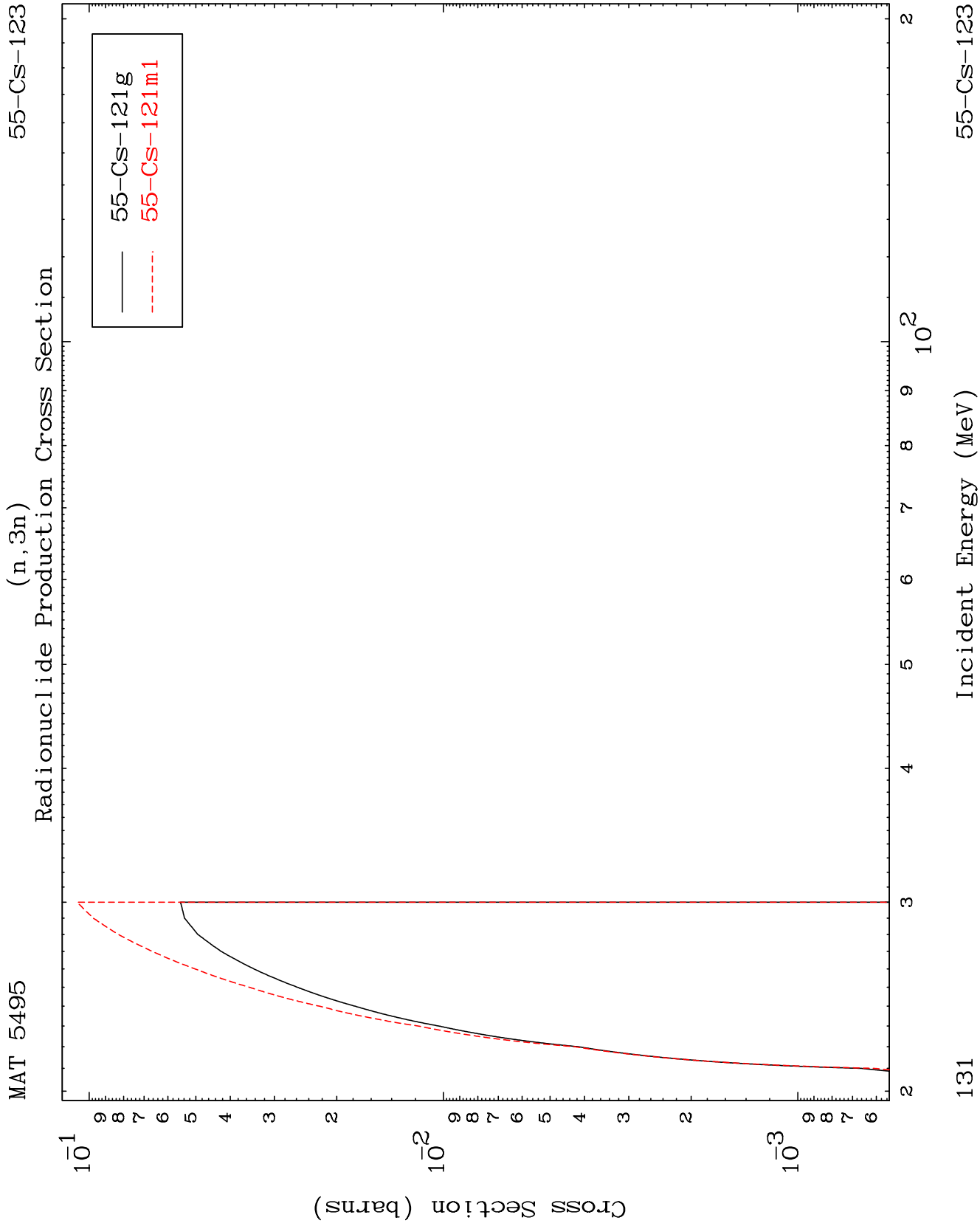
55-CS-123





Inelastic
Radionuclide Production Cross Section



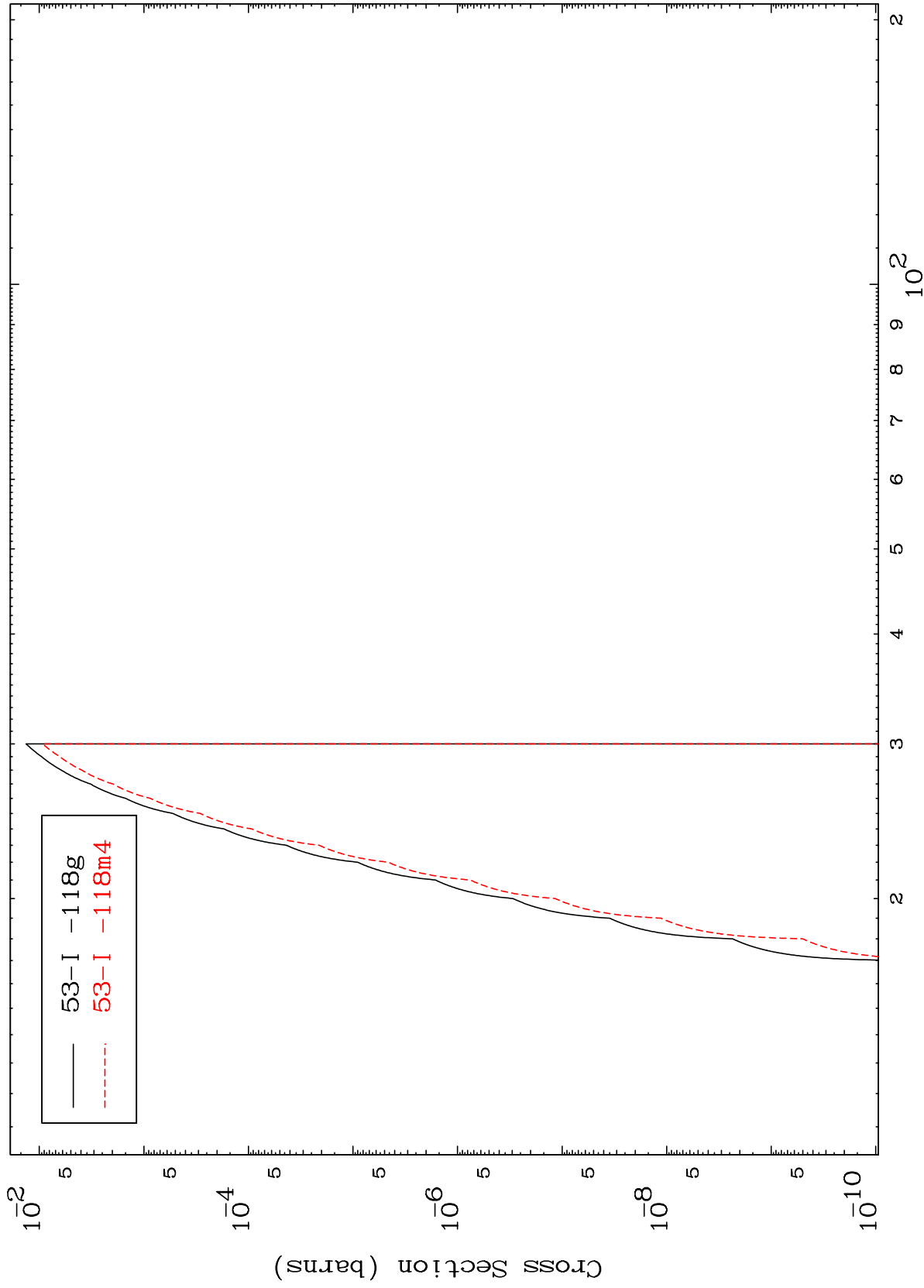


MAT 5495

(n,2n) α

55-Cs-123

Radionuclide Production Cross Section

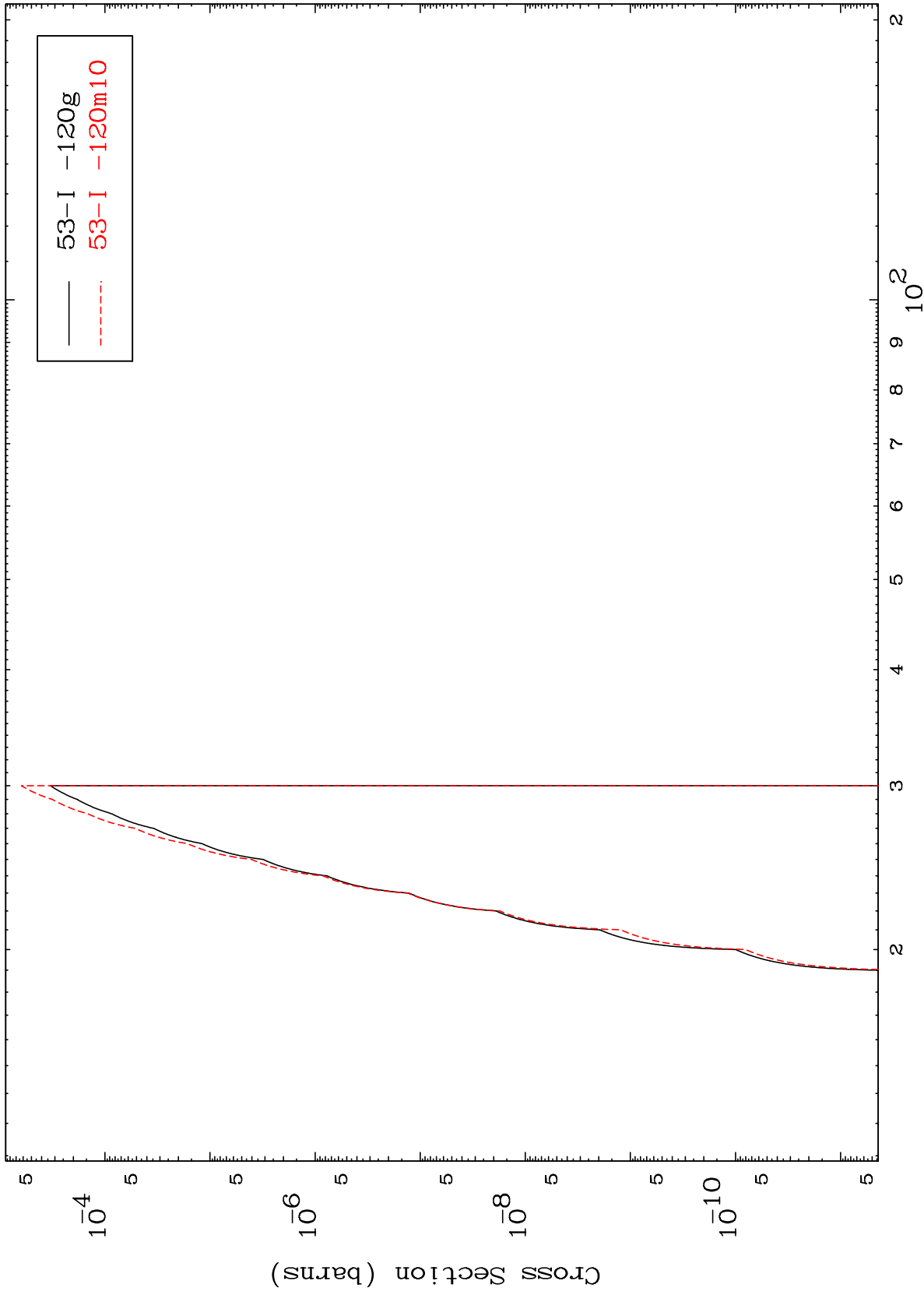


132

Incident Energy (MeV)

55-Cs-123

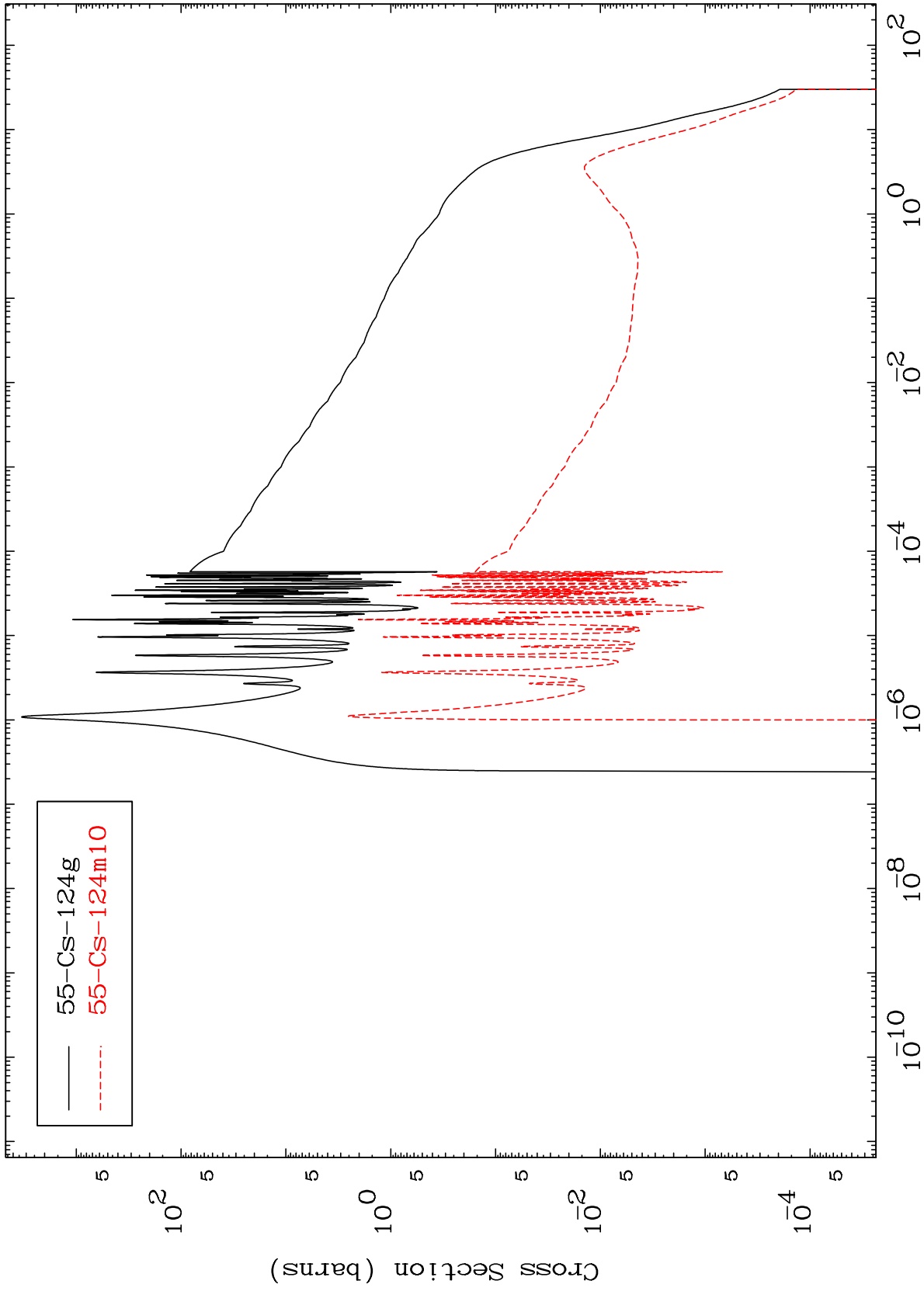
Radionuclide Production Cross Section



MAT 5495

55-Cs-123

(n,γ)
Radionuclide Production Cross Section



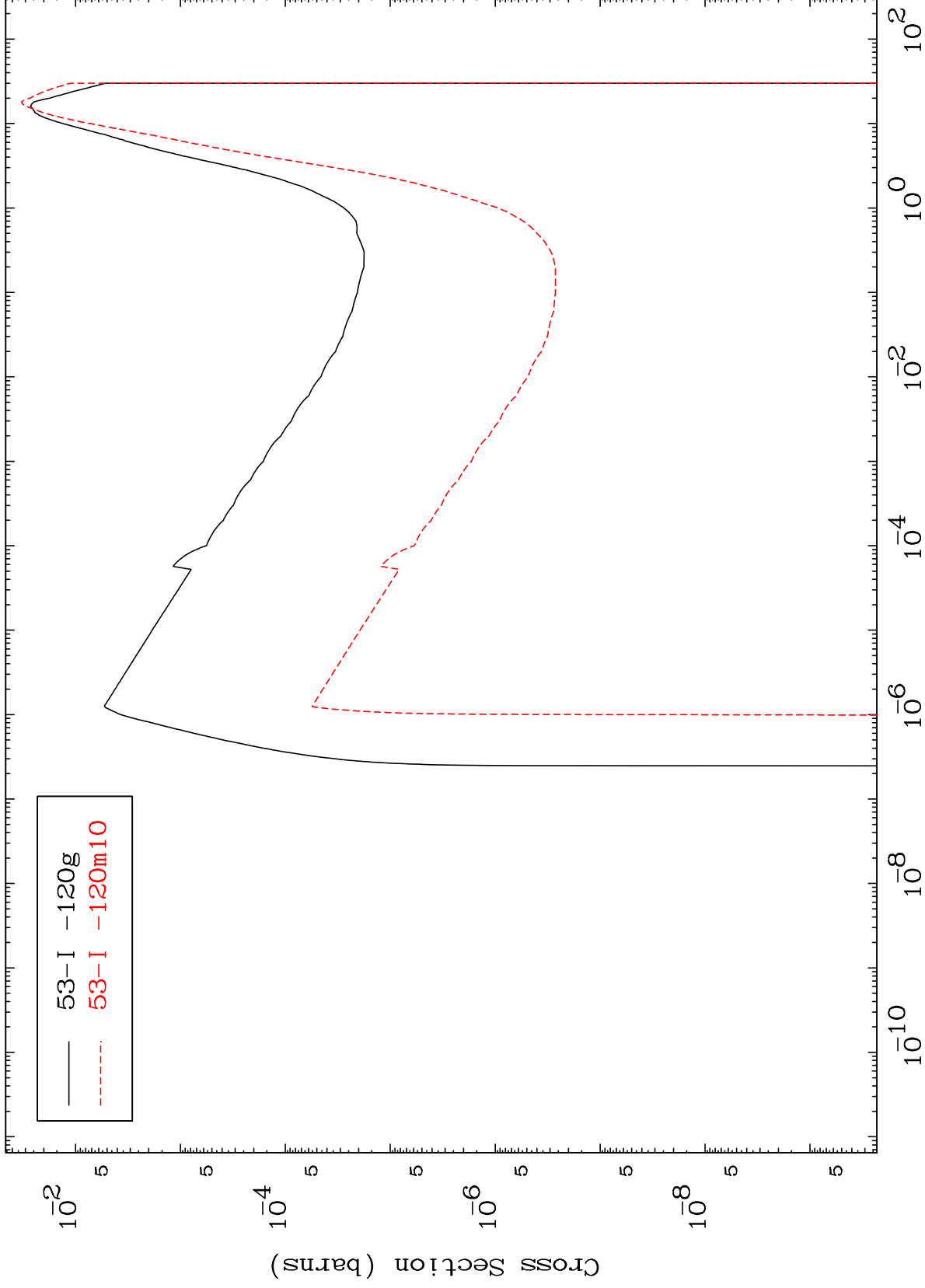
134

55-Cs-123

MAT 5495

Radionuclide Production Cross Section
(n, α)

55-Cs-123



135

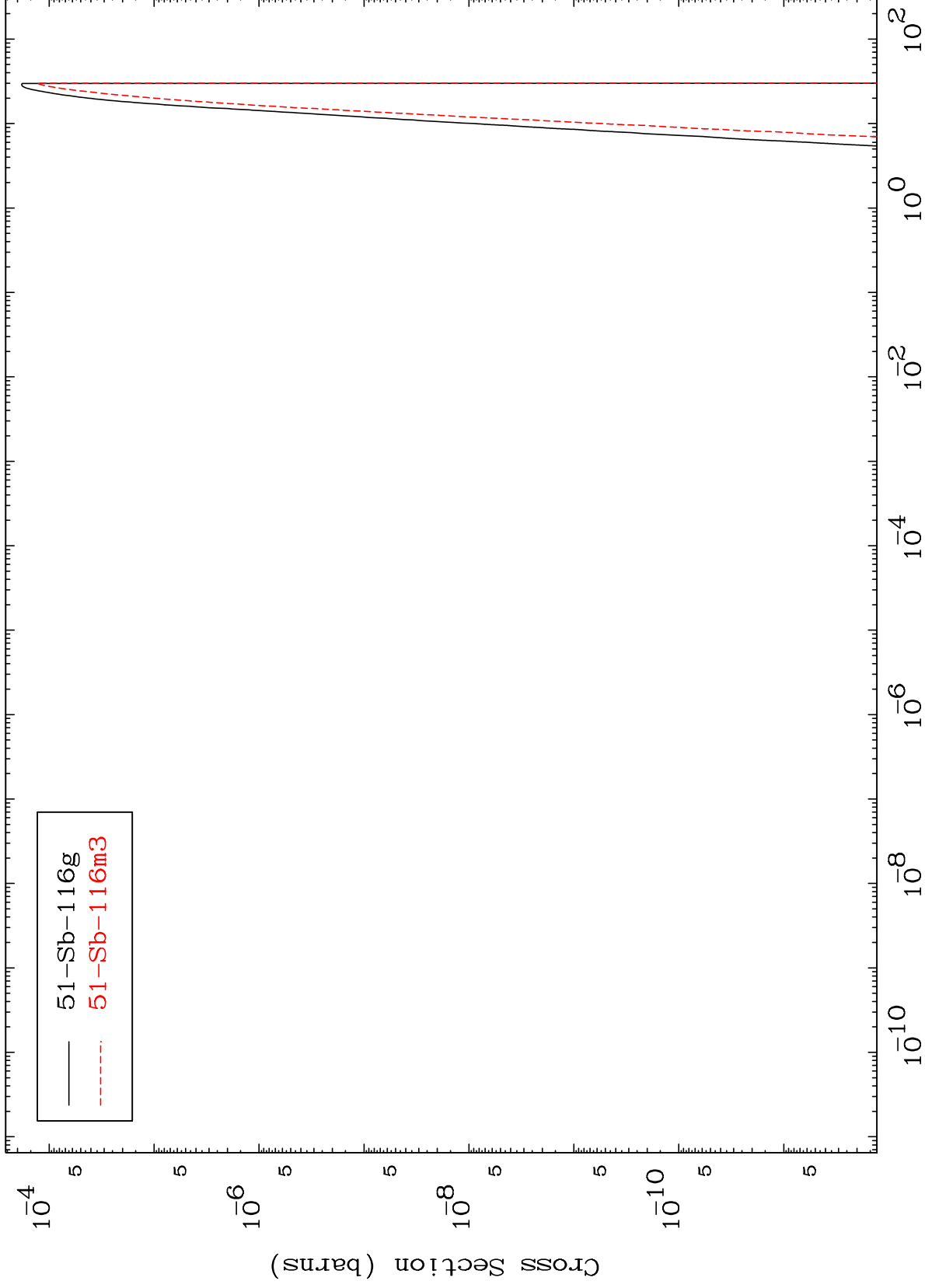
Incident Energy (MeV)

55-Cs-123

MAT 5495

Radionuclide Production Cross Section
(n,2α)

55-Cs-123



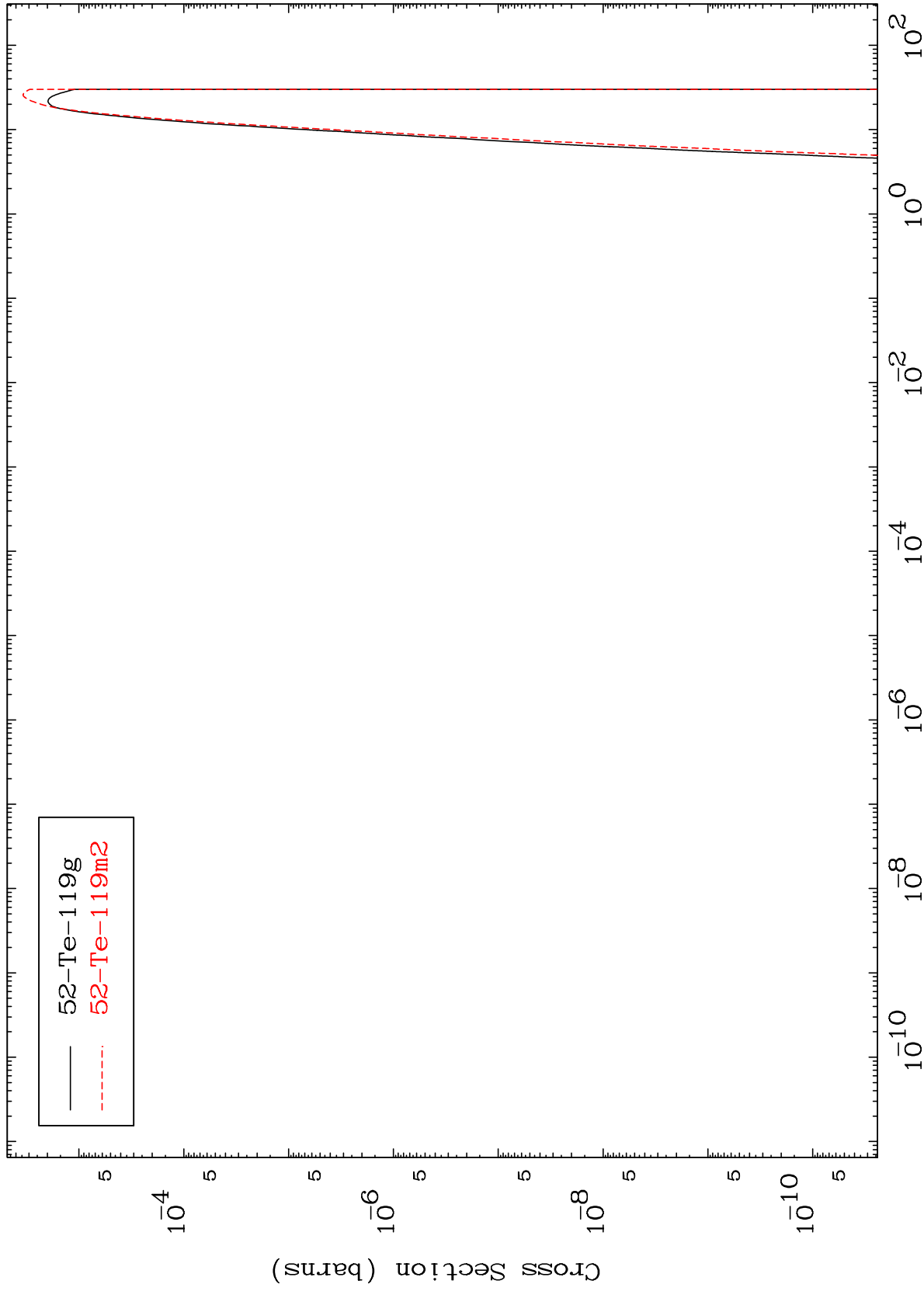
136

MAT 5495

(n,p) α

55-Cs-123

Radionuclide Production Cross Section



137

Incident Energy (MeV)

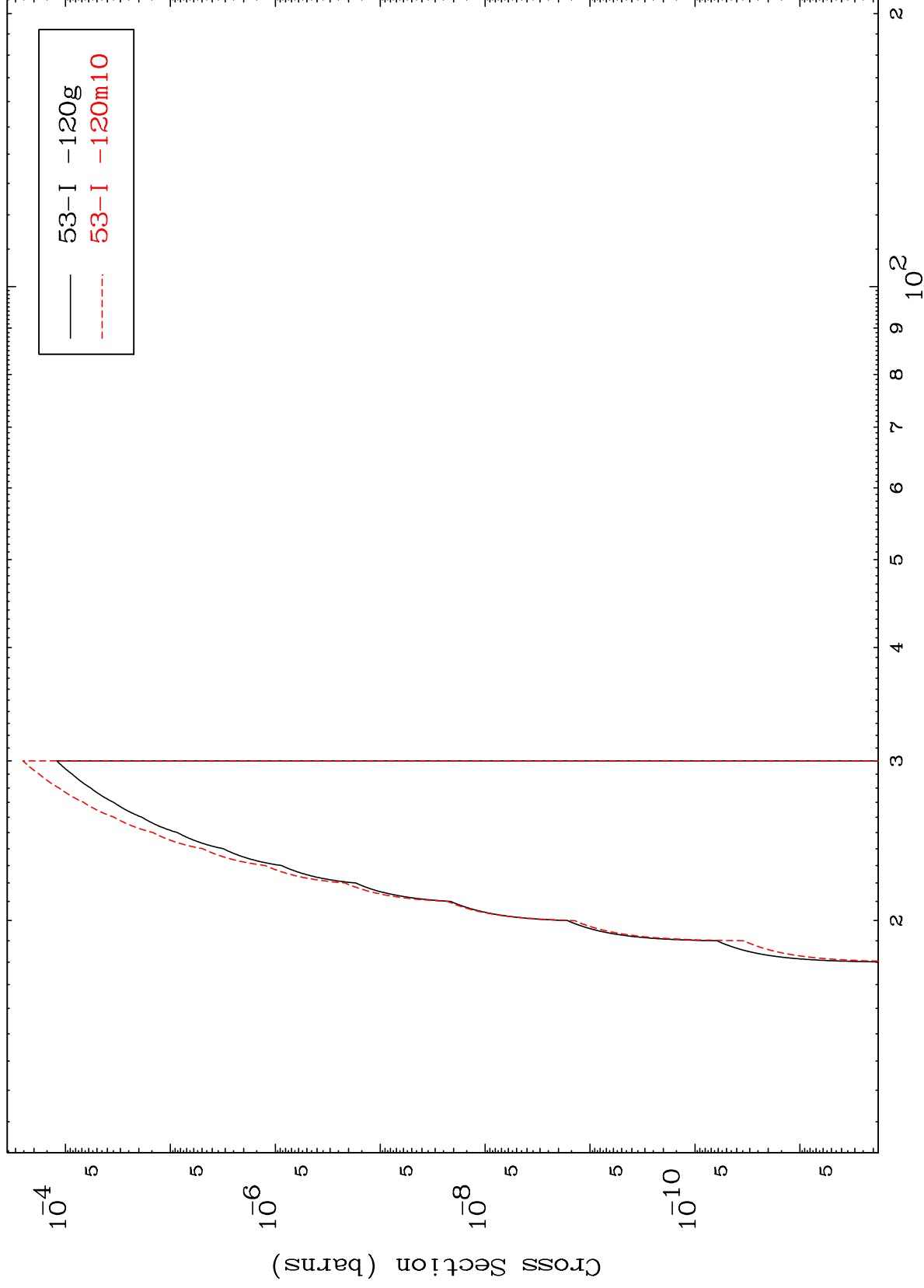
55-Cs-123

MAT 5495

(n,p) t

55-Cs-123

Radionuclide Production Cross Section



138

Incident Energy (MeV)

55-Cs-123