

Program EVALPLOT
(Version 2018-1)

by

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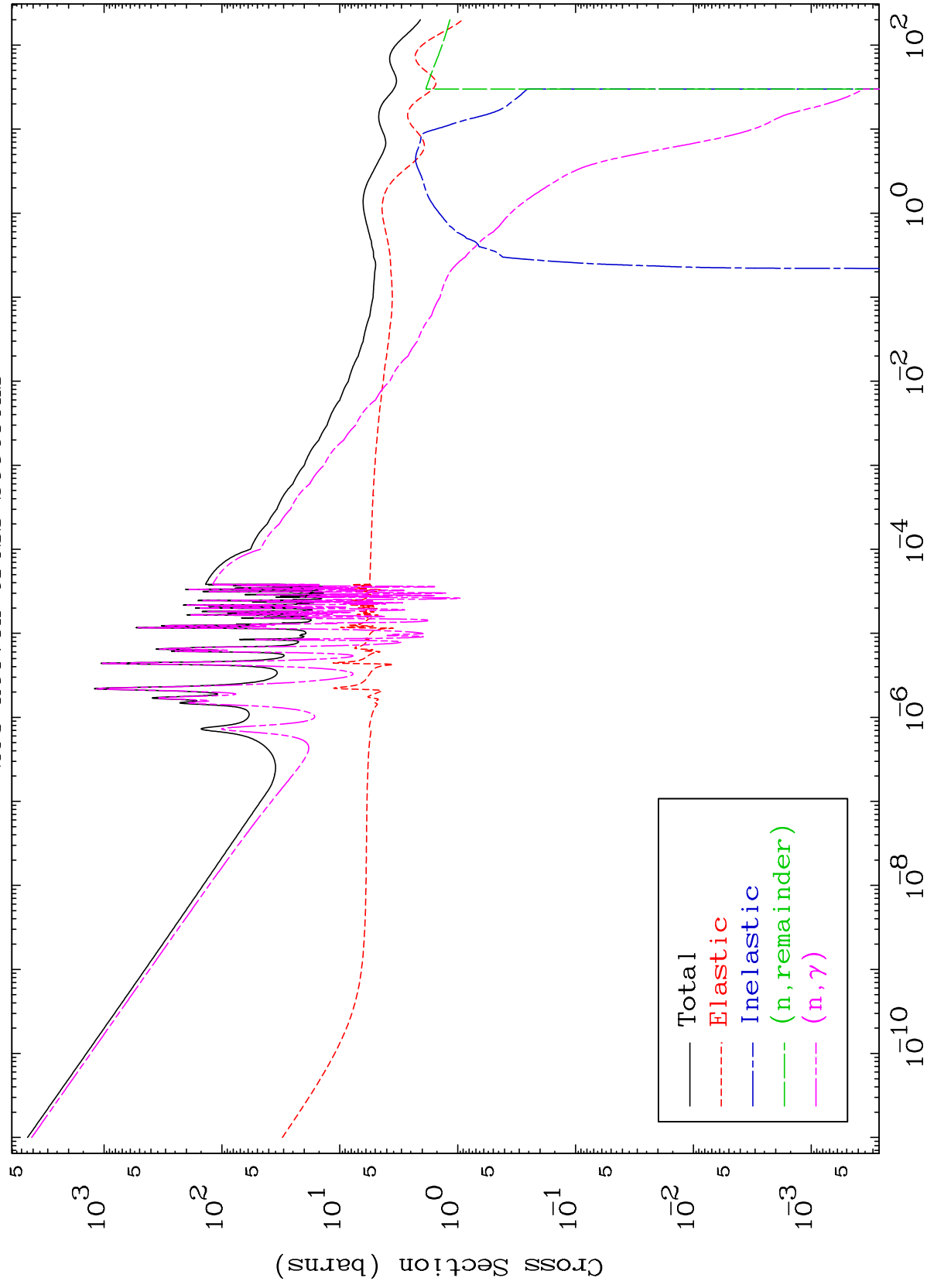
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5504

Major
293 Kelvin Cross Sections

55-Cs-126



1

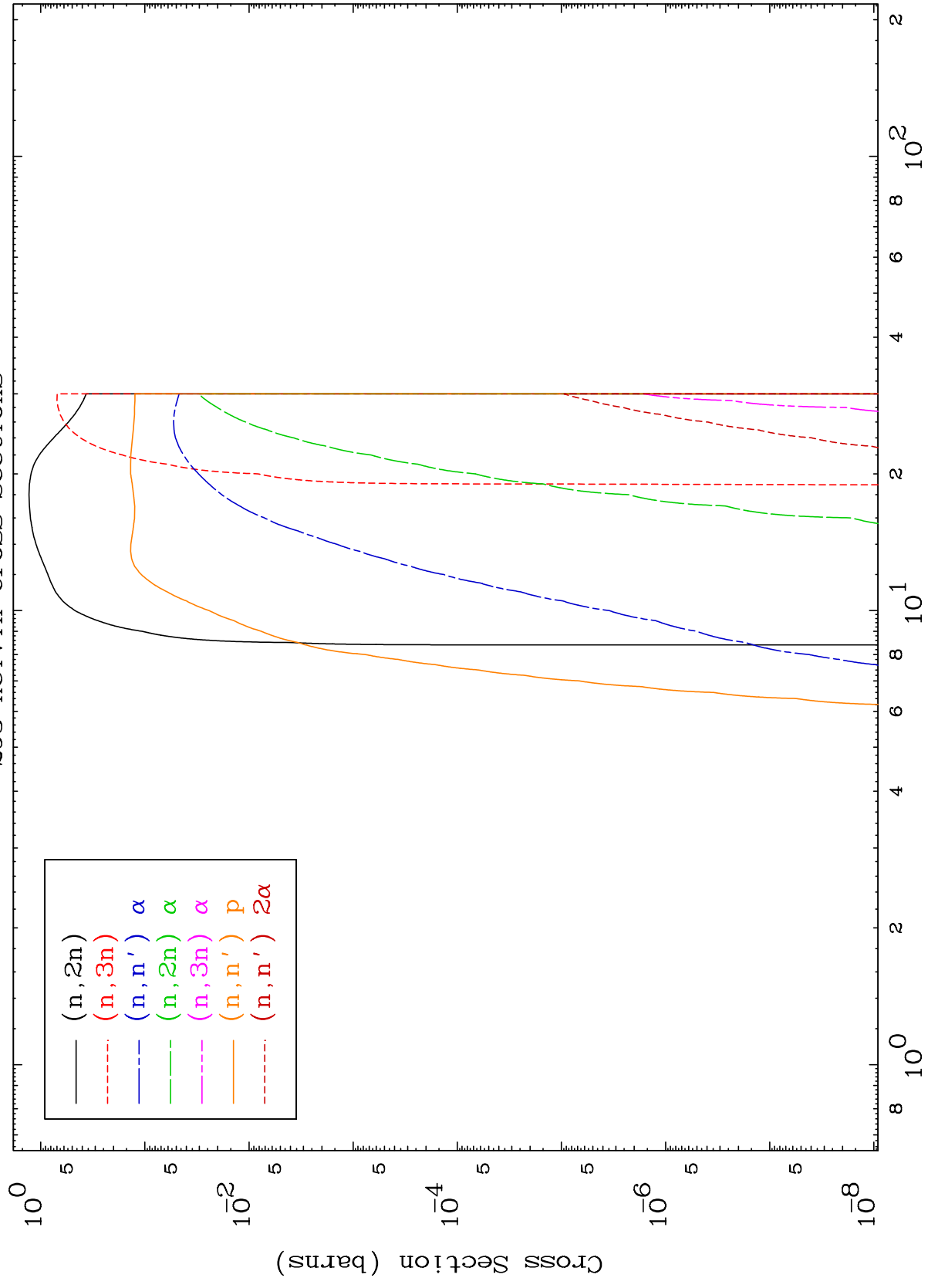
Incident Energy (MeV)

55-Cs-126

MAT 5504

Neutron Production
293 Kelvin Cross Sections

55-Cs-126



2

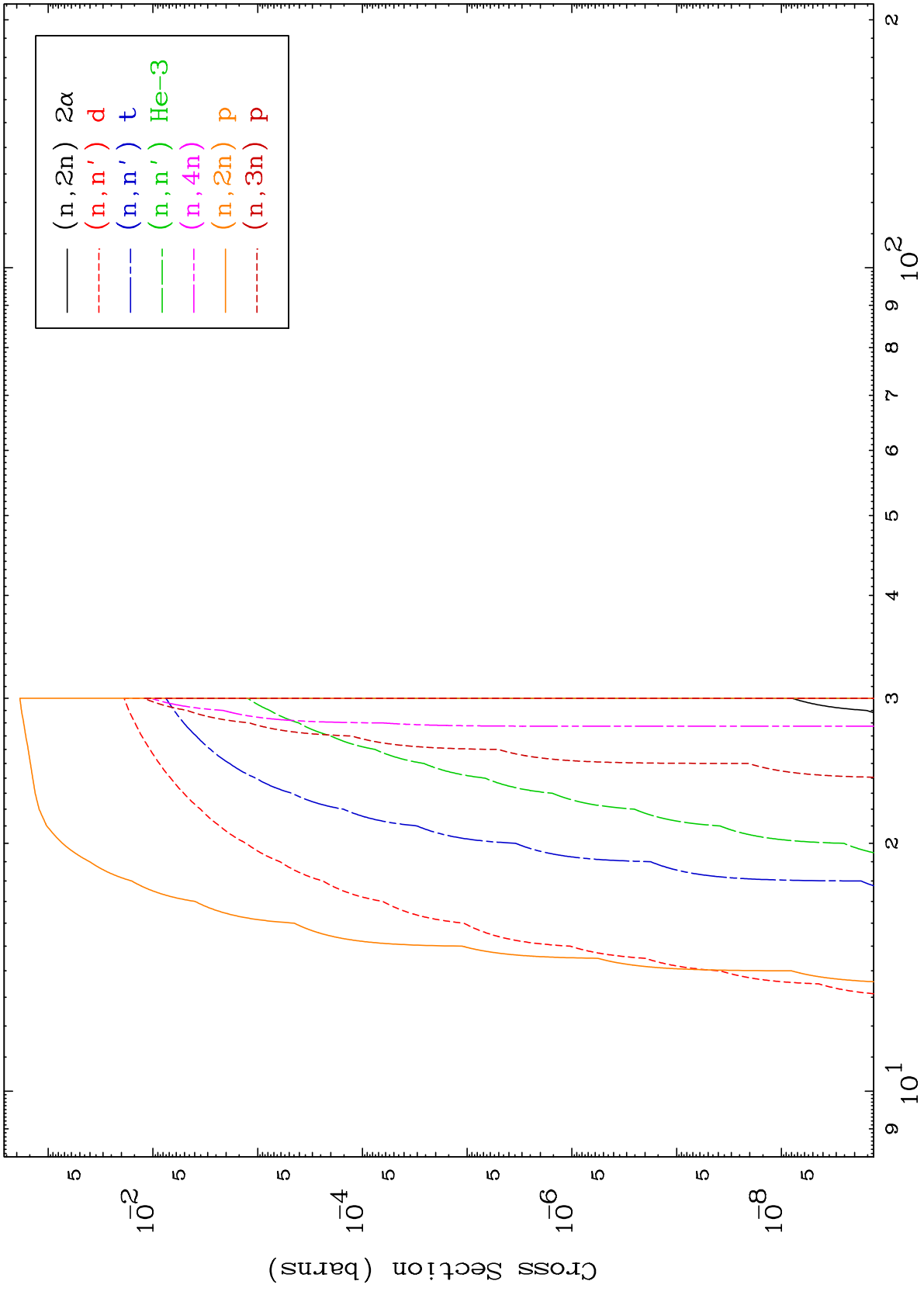
Incident Energy (MeV)

55-Cs-126

MAT 5504

Neutron Production
293 Kelvin Cross Sections

55-Cs-126



3

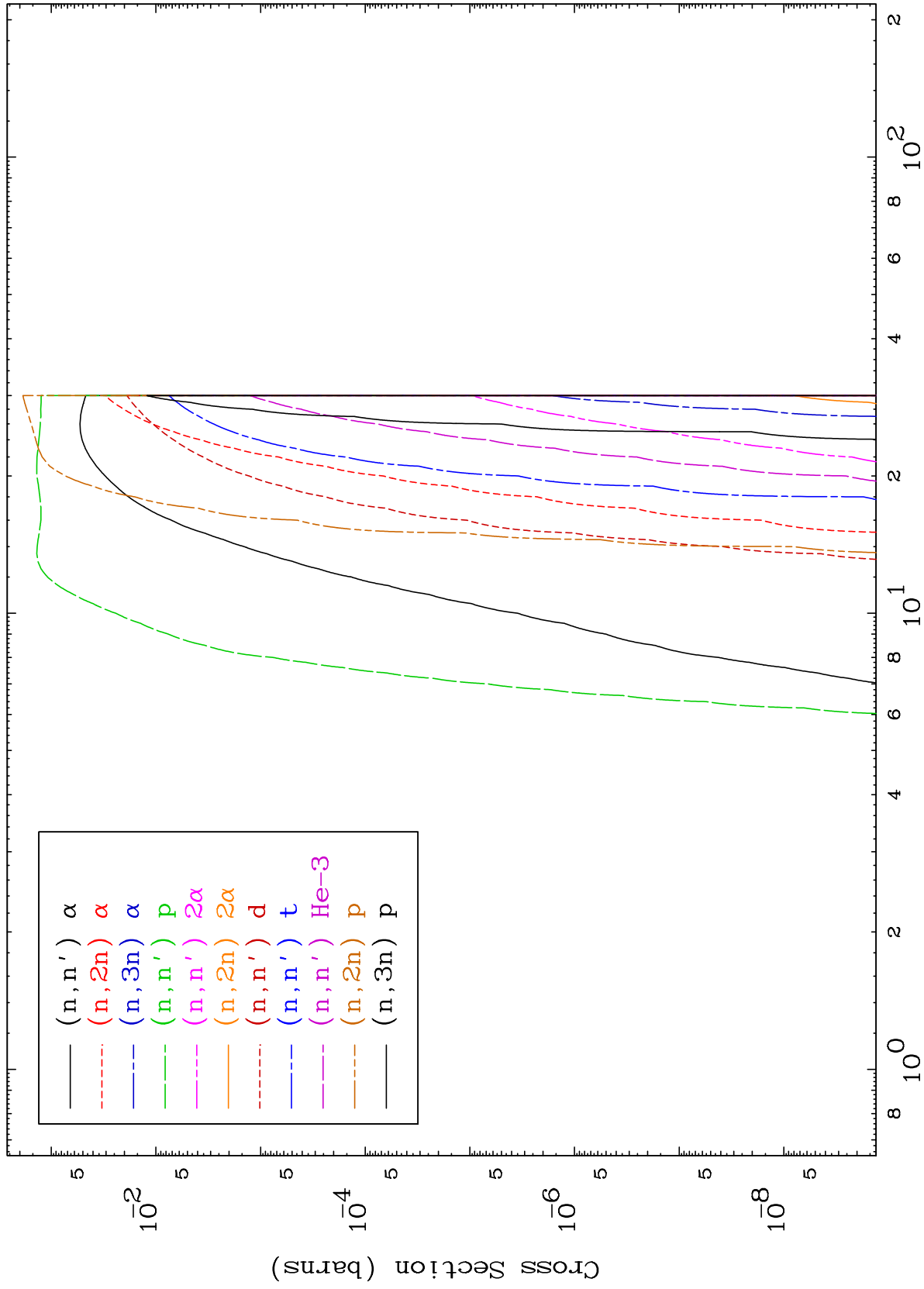
Incident Energy (MeV)

55-Cs-126

MAT 5504

293 Kelvin Cross Sections

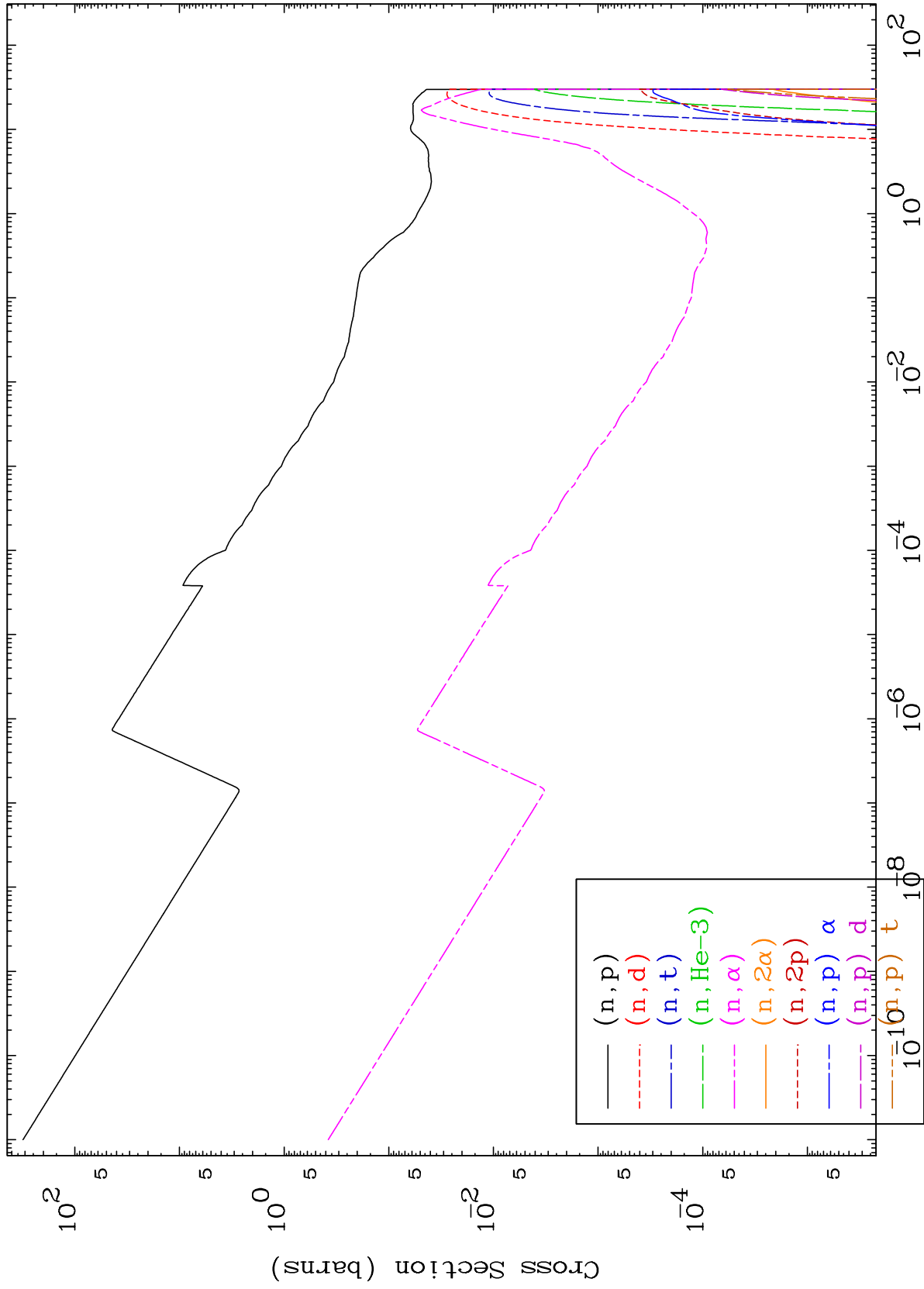
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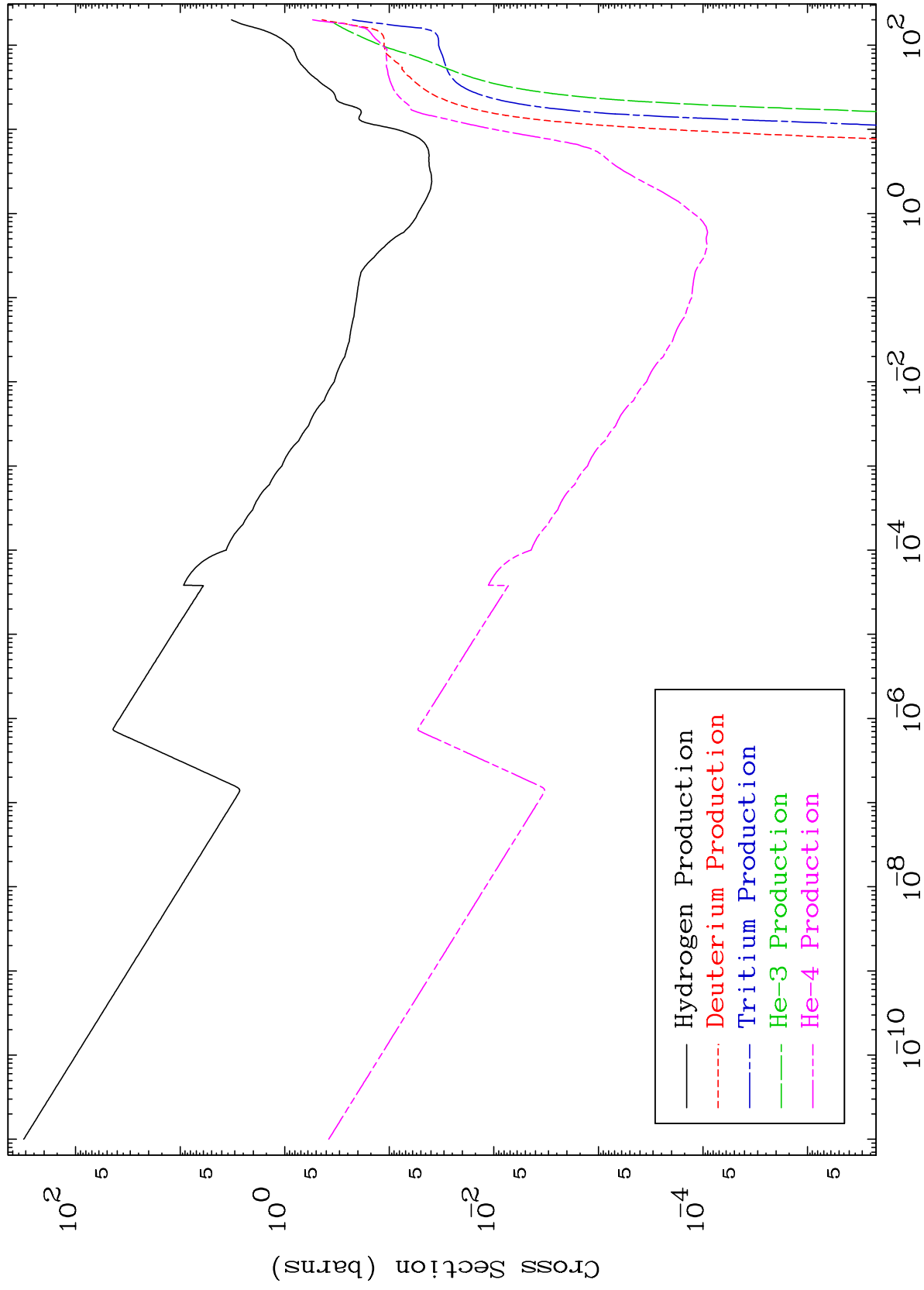


MAT 5504

Charged Particle
293 Kelvin Cross Sections

55-Cs-126



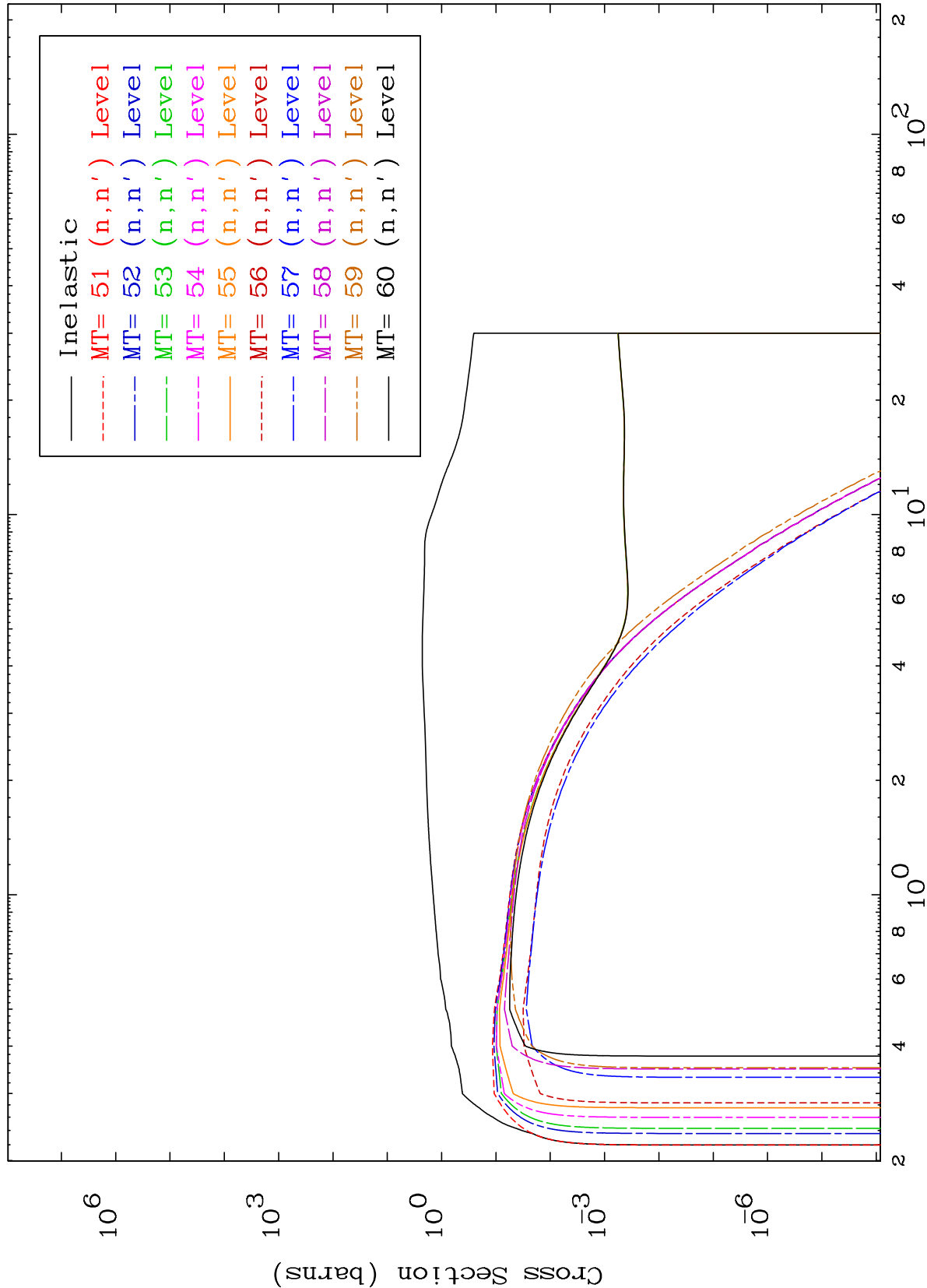


MAT 5504

(n,n') Level

293 Kelvin Cross Sections

55-Cs-126



7

Incident Energy (MeV)

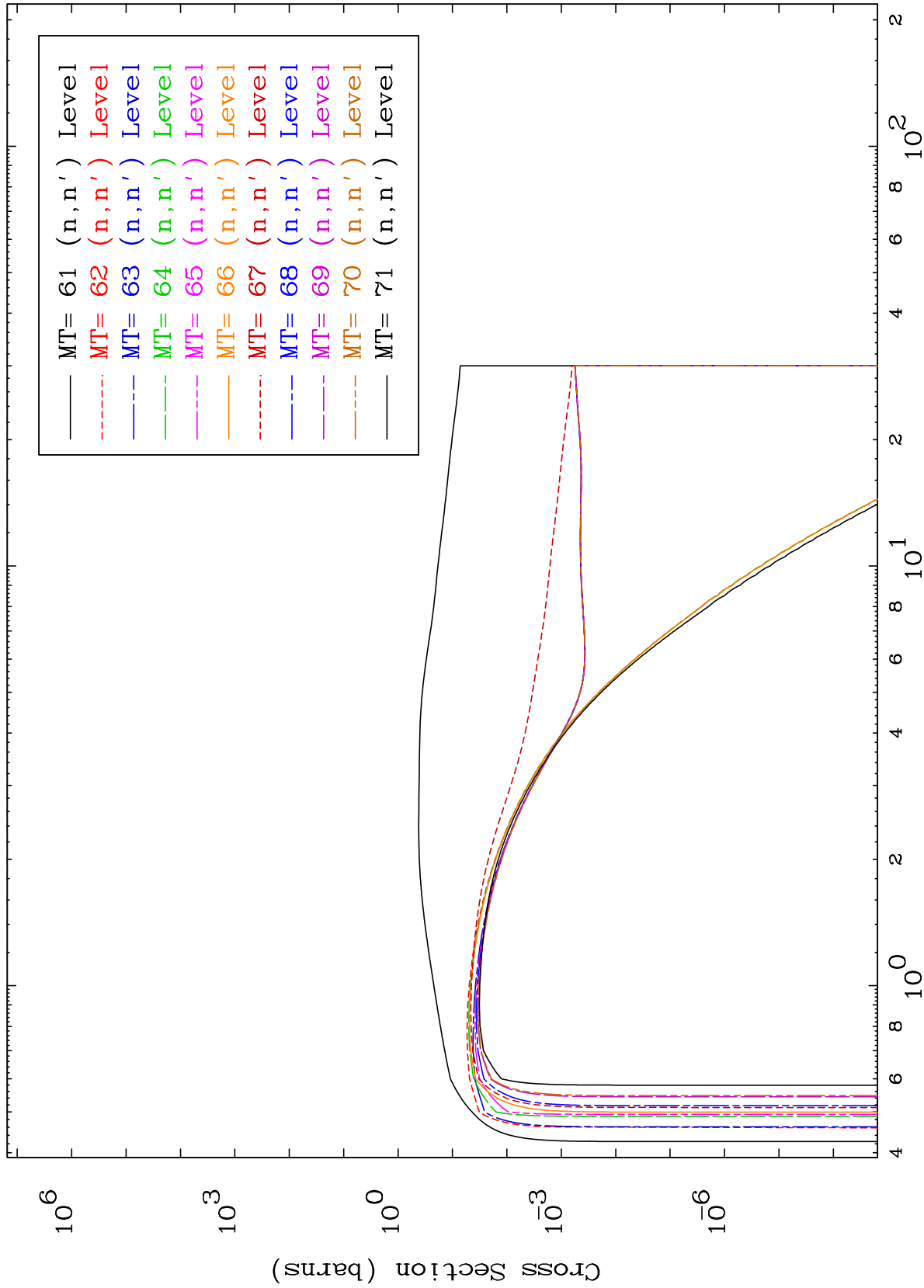
55-Cs-126

MAT 5504

(n,n') Level

293 Kelvin Cross Sections

55-Cs-126



8

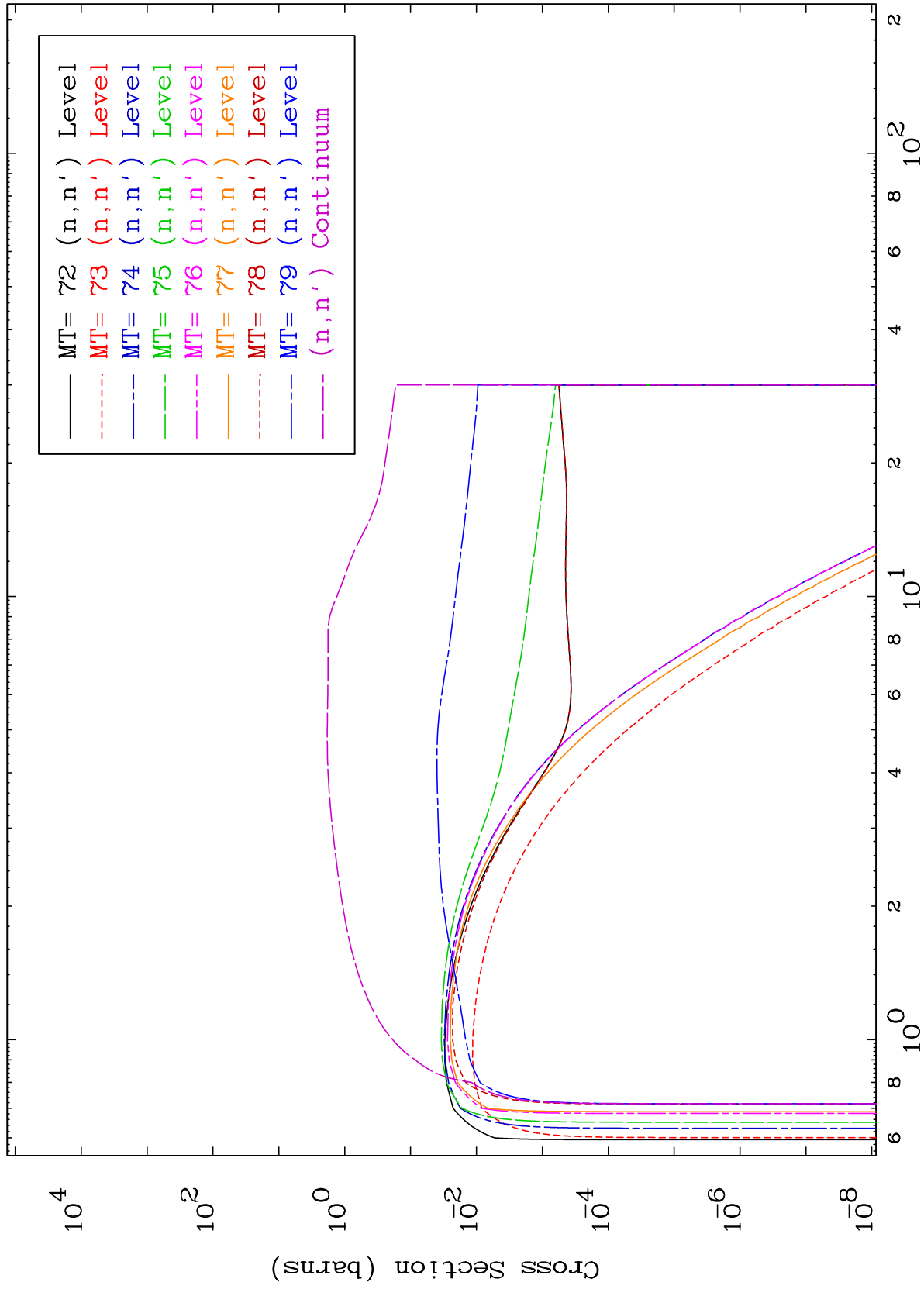
Incident Energy (MeV)

55-Cs-126

MAT 5504

(n,n') Level
293 Kelvin Cross Sections

55-Cs-126



9

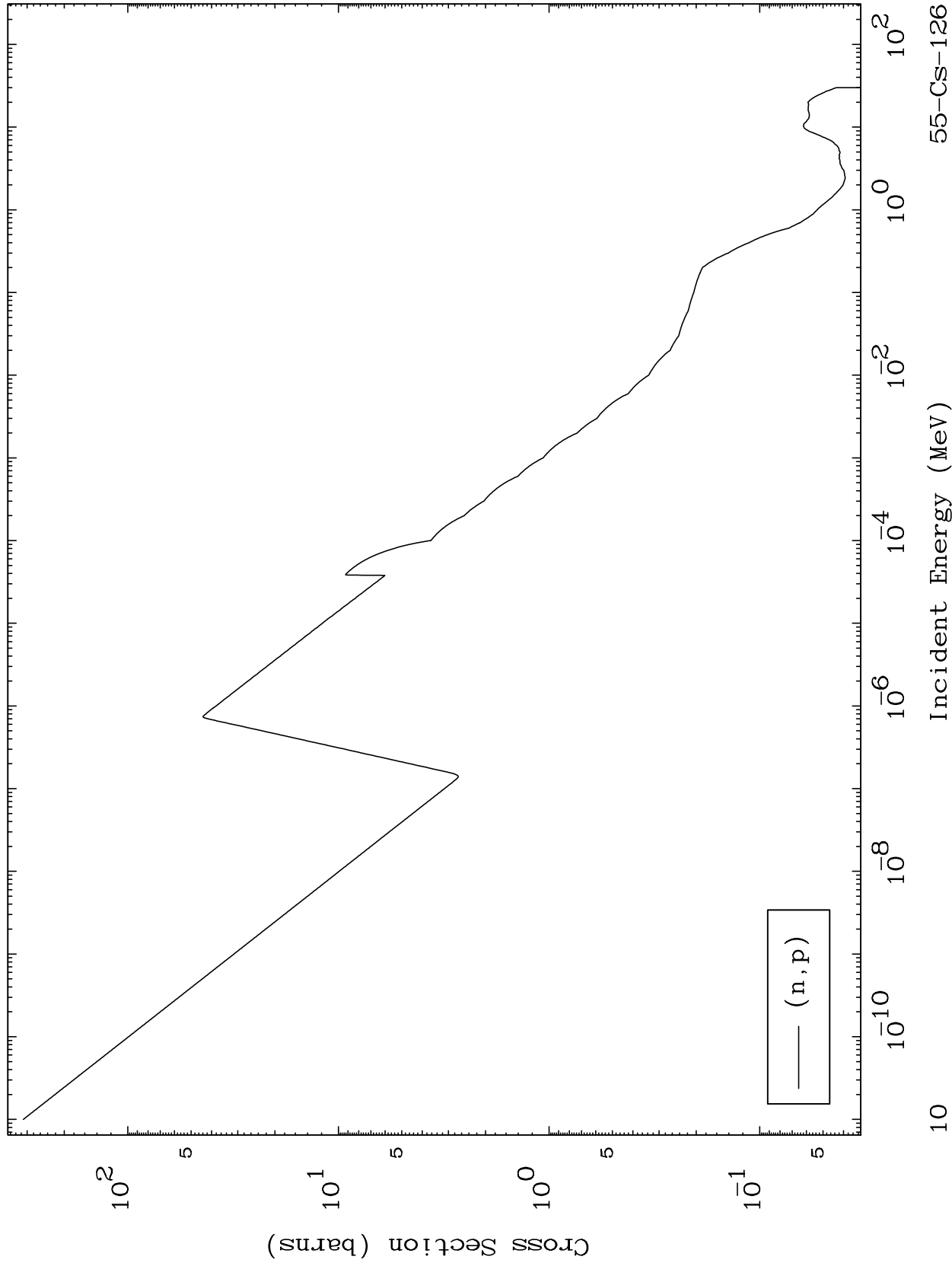
Incident Energy (MeV)

55-Cs-126

MAT 5504

(n,p) Levels
293 Kelvin Cross Sections

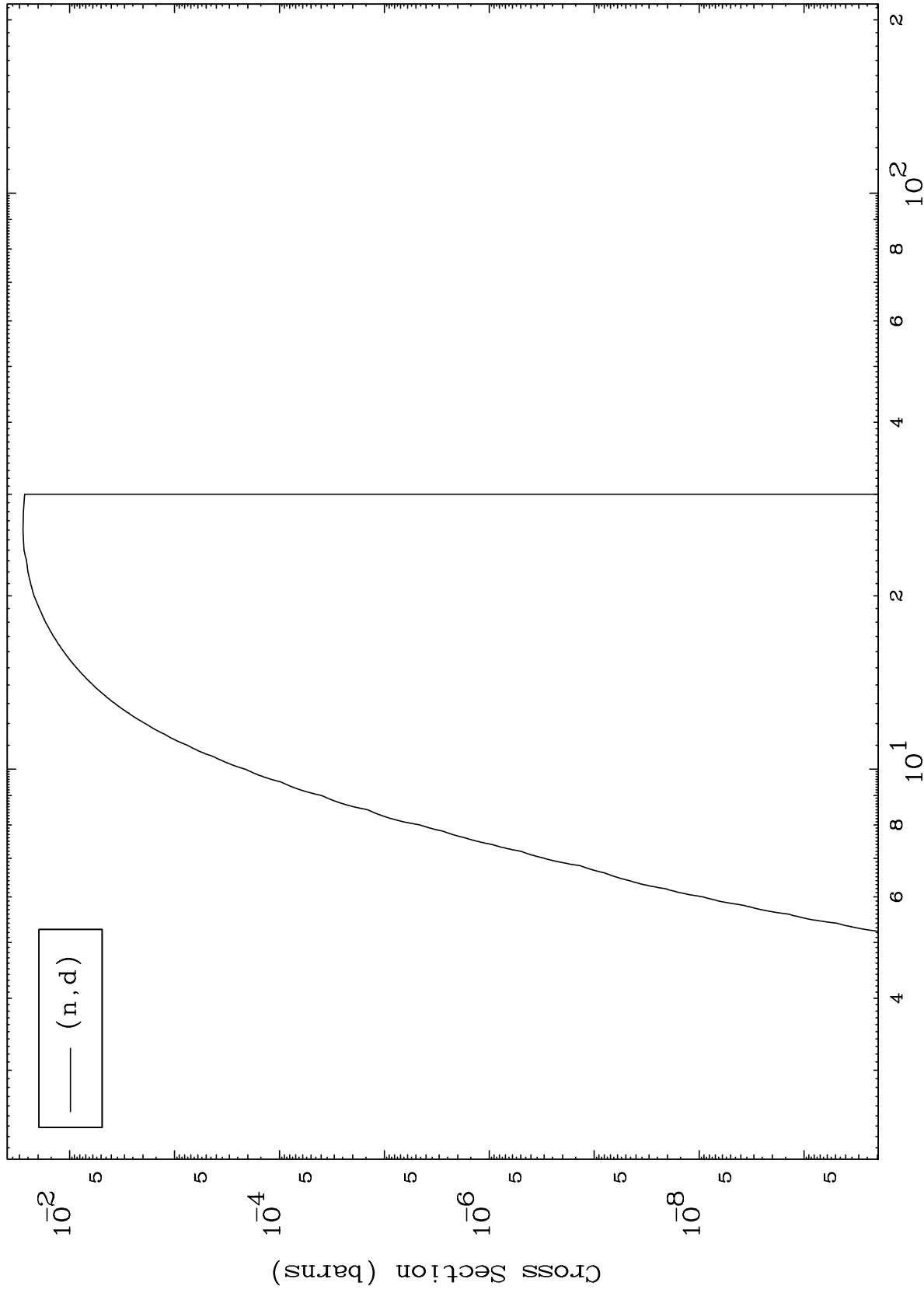
55-Cs-126



MAT 5504

55-Cs-126

(n,d) Levels
293 Kelvin Cross Sections



11

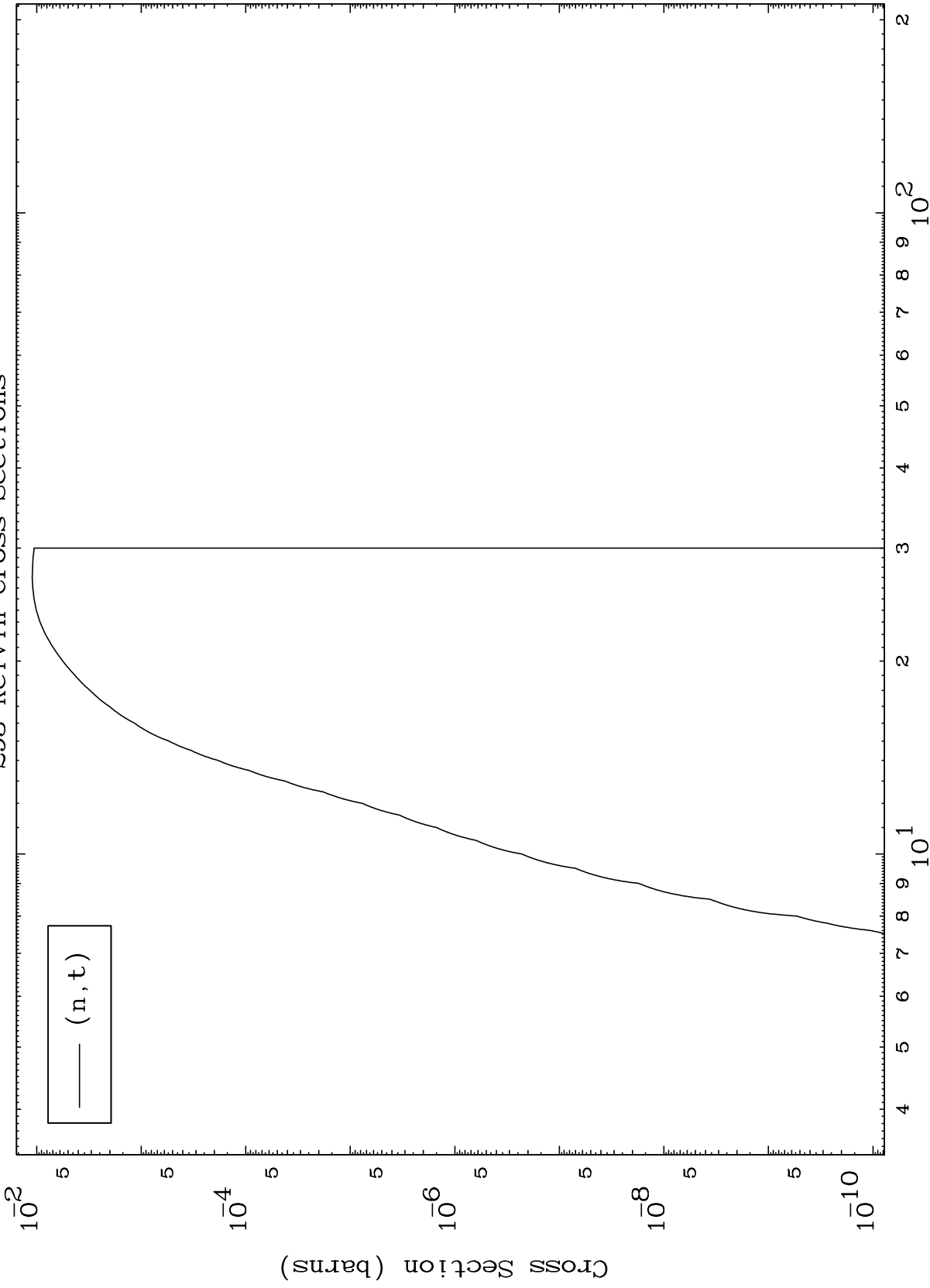
Incident Energy (MeV)

55-Cs-126

MAT 5504

55-Cs-126

(n,t) Levels
293 Kelvin Cross Sections



12

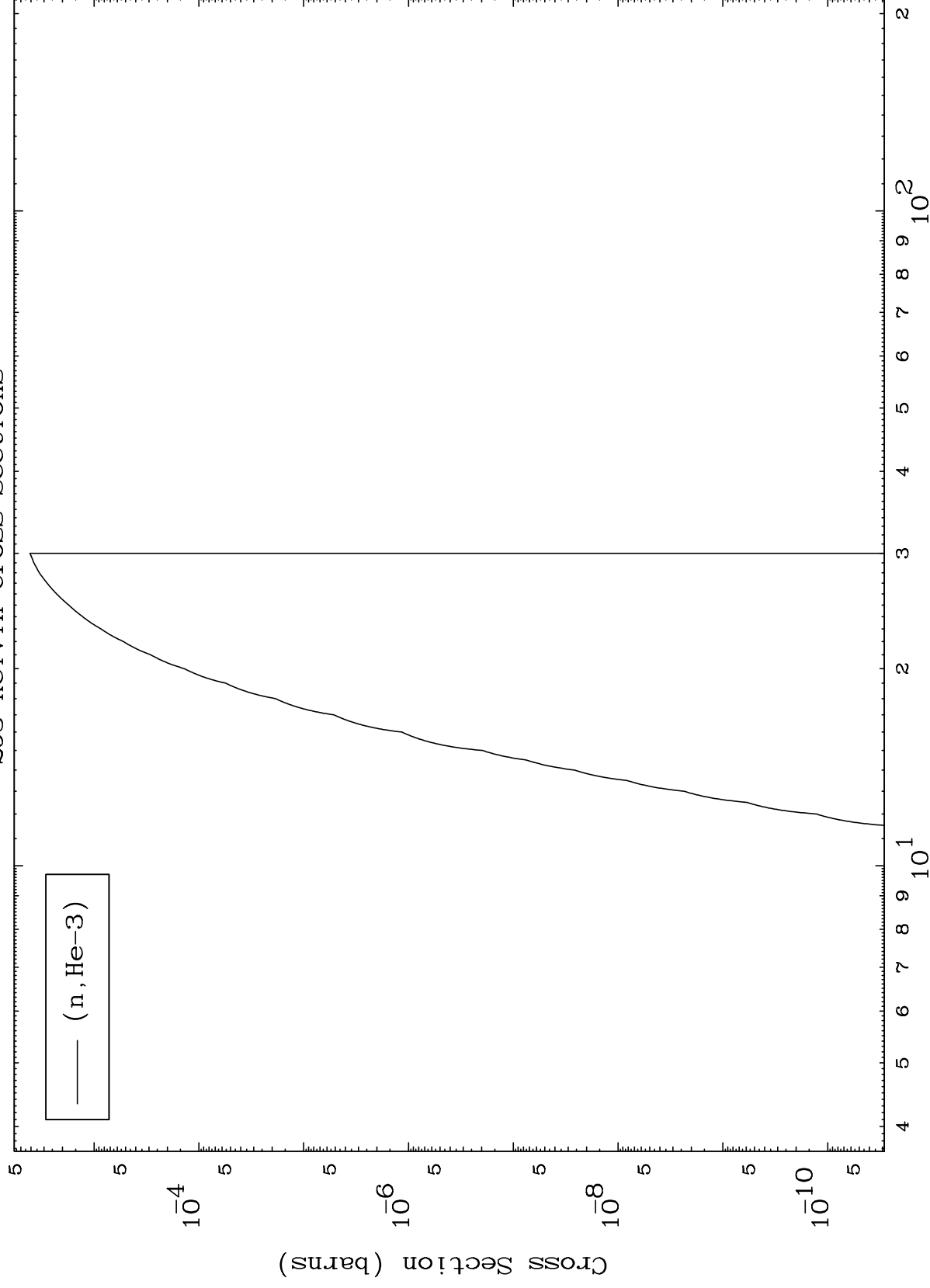
Incident Energy (MeV)

55-Cs-126

MAT 5504

55-Cs-126

(n,He3) Levels
293 Kelvin Cross Sections



13

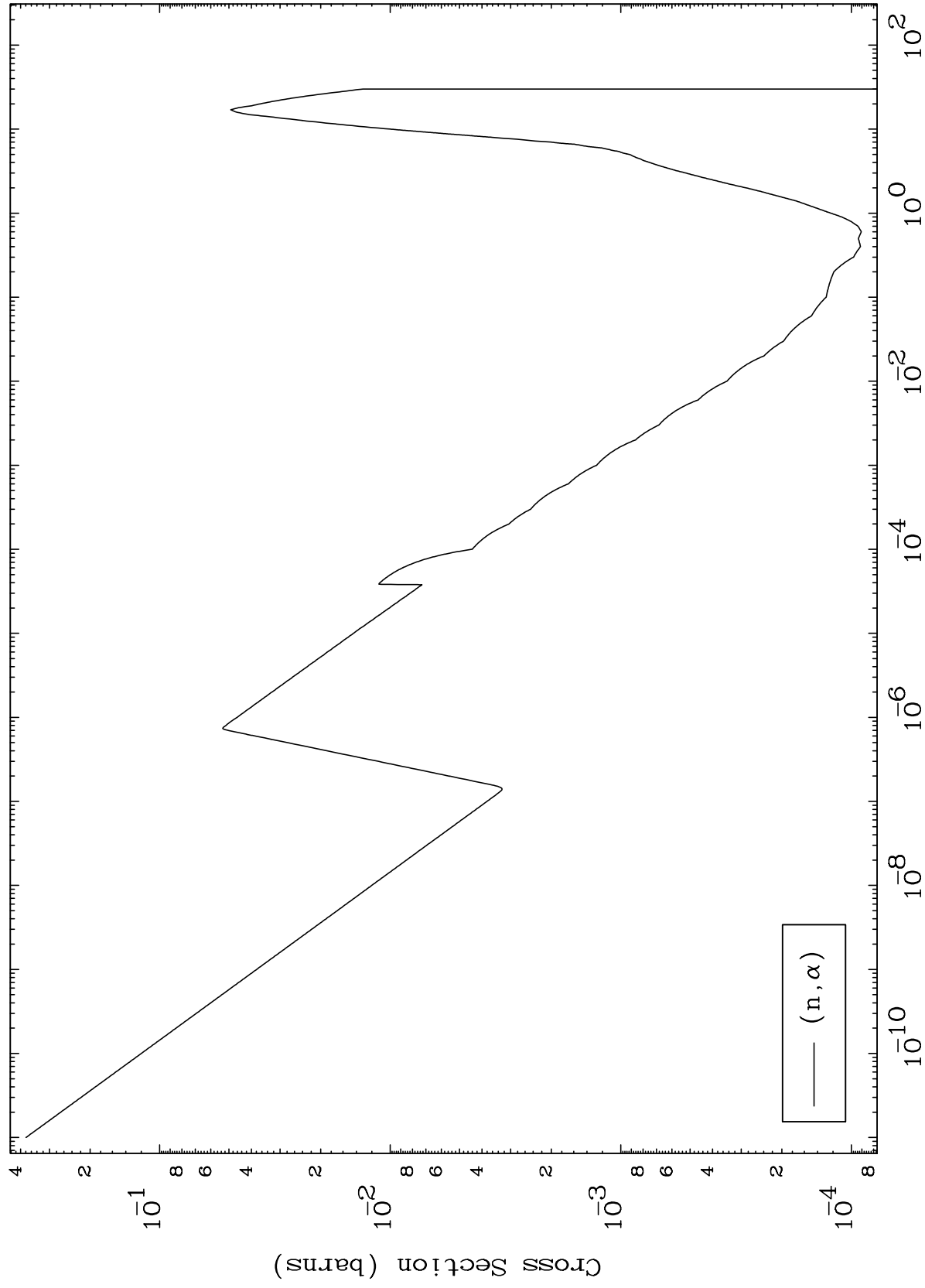
Incident Energy (MeV)

55-Cs-126

MAT 5504

(n, α) Levels
293 Kelvin Cross Sections

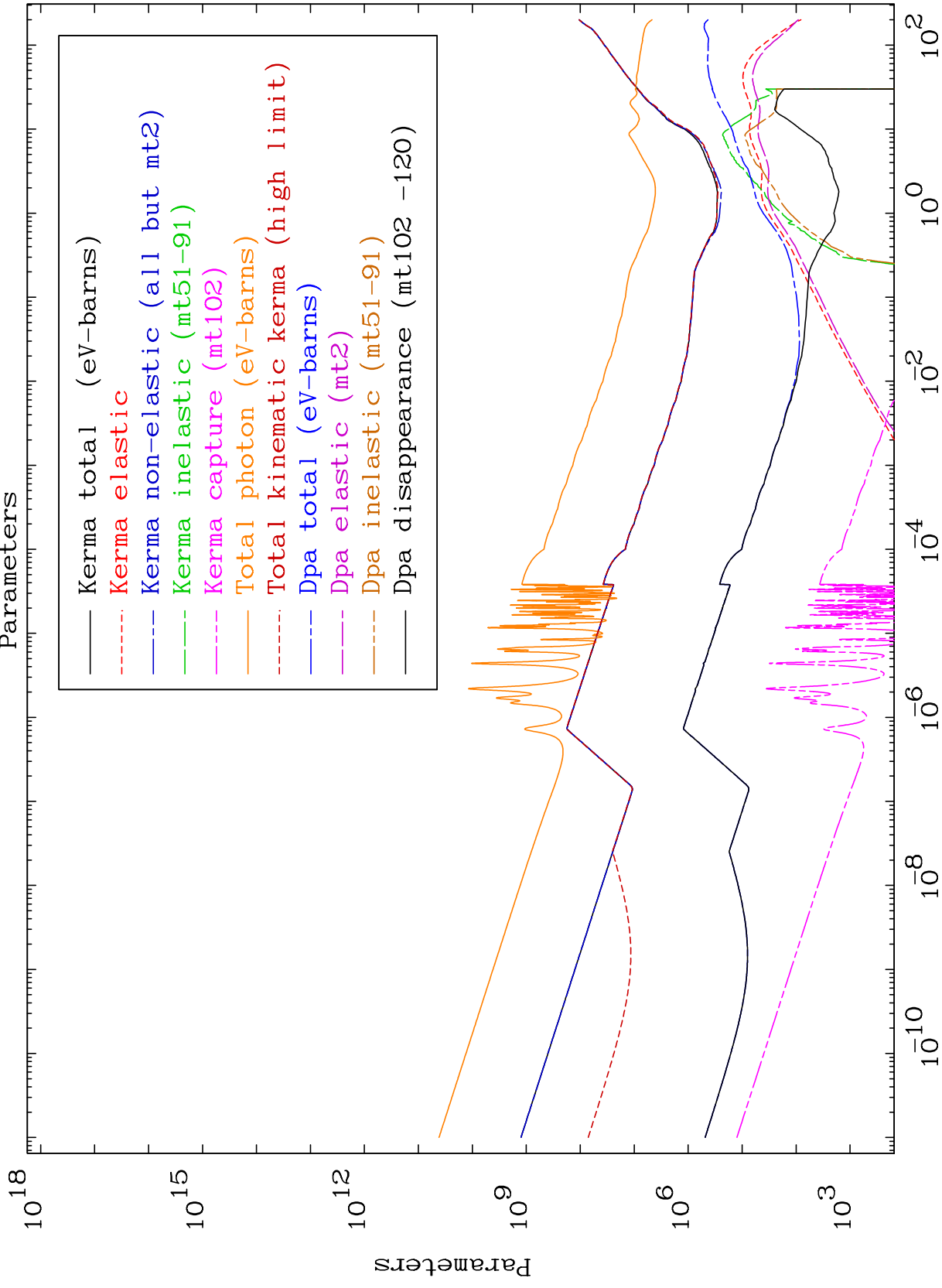
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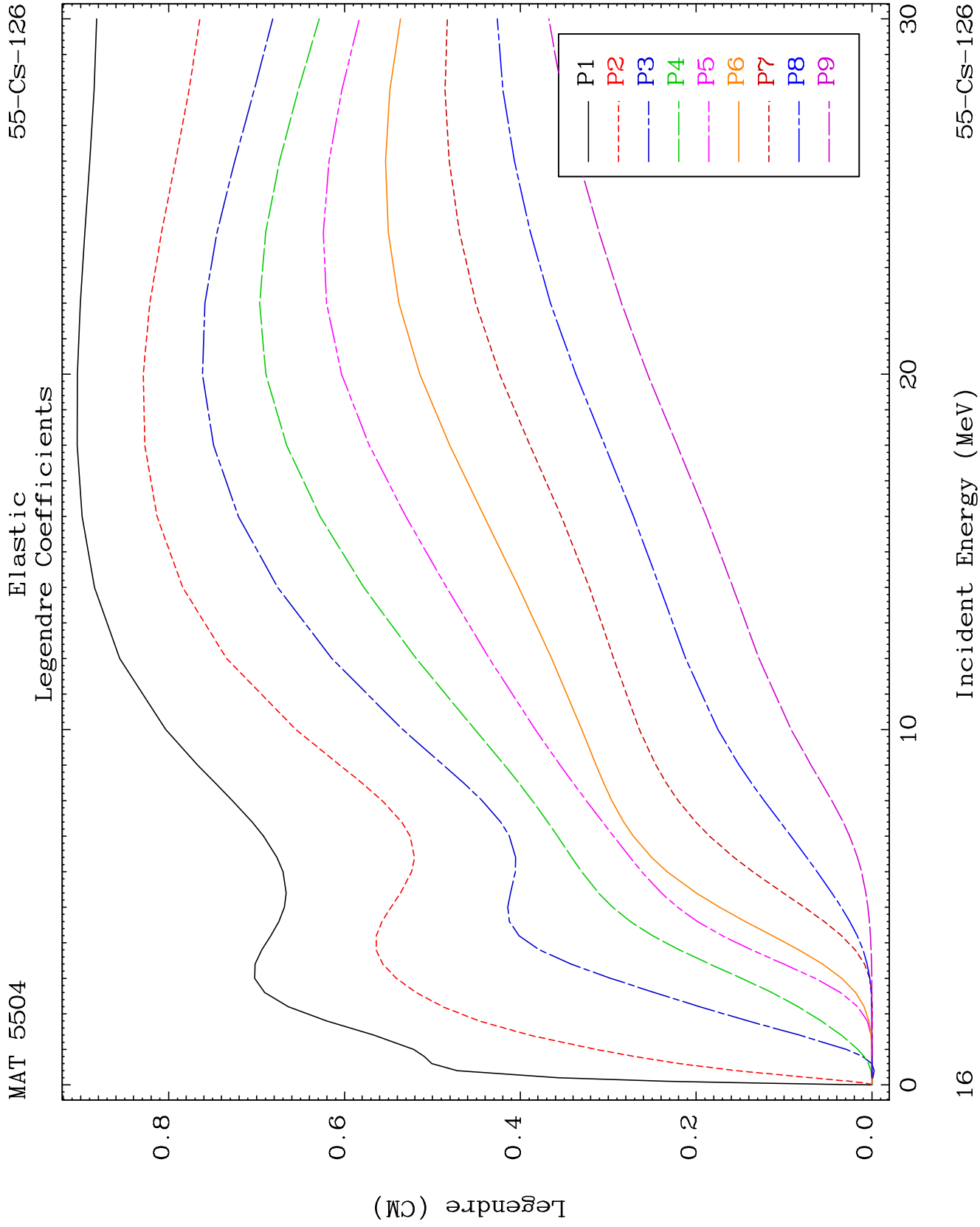


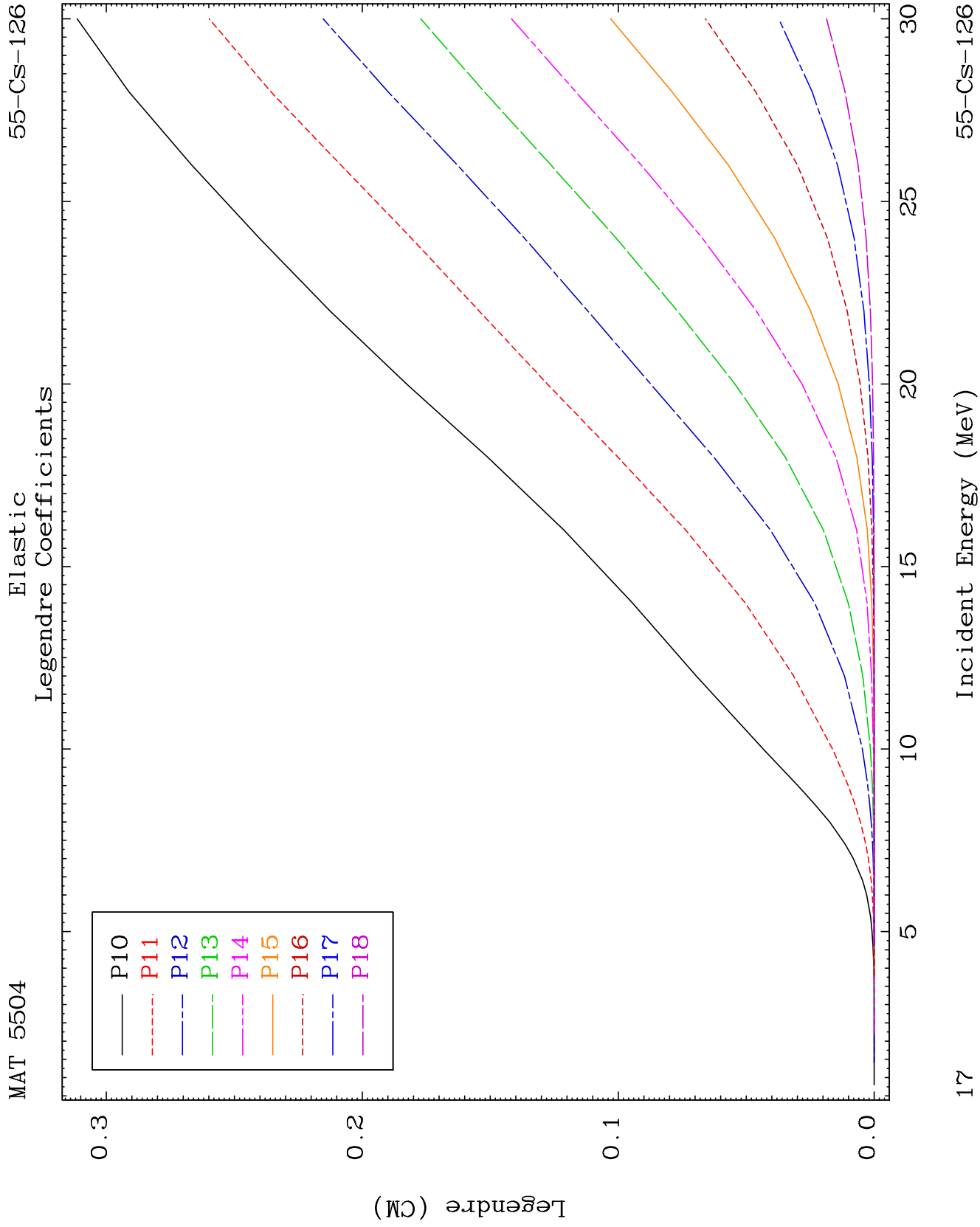
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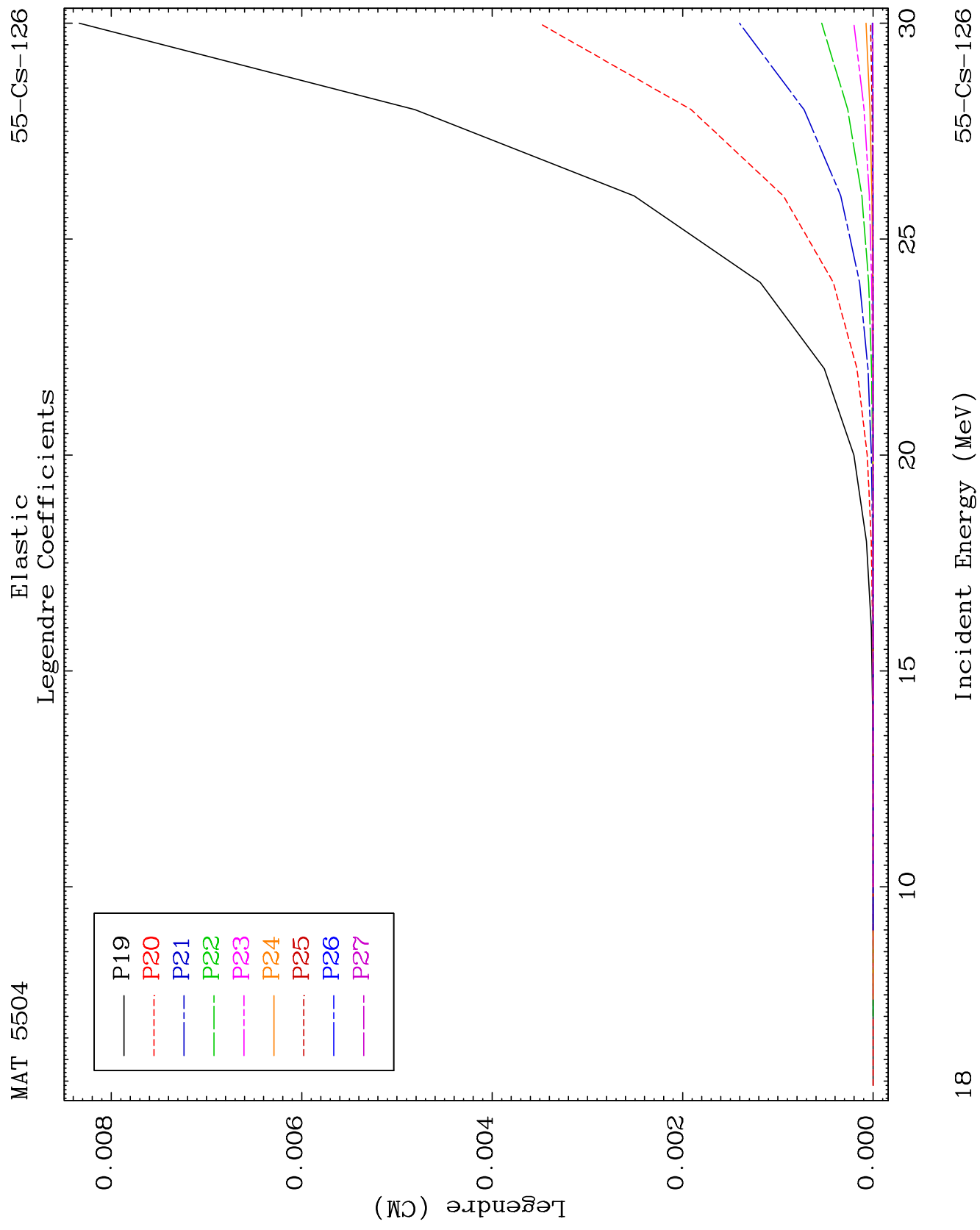
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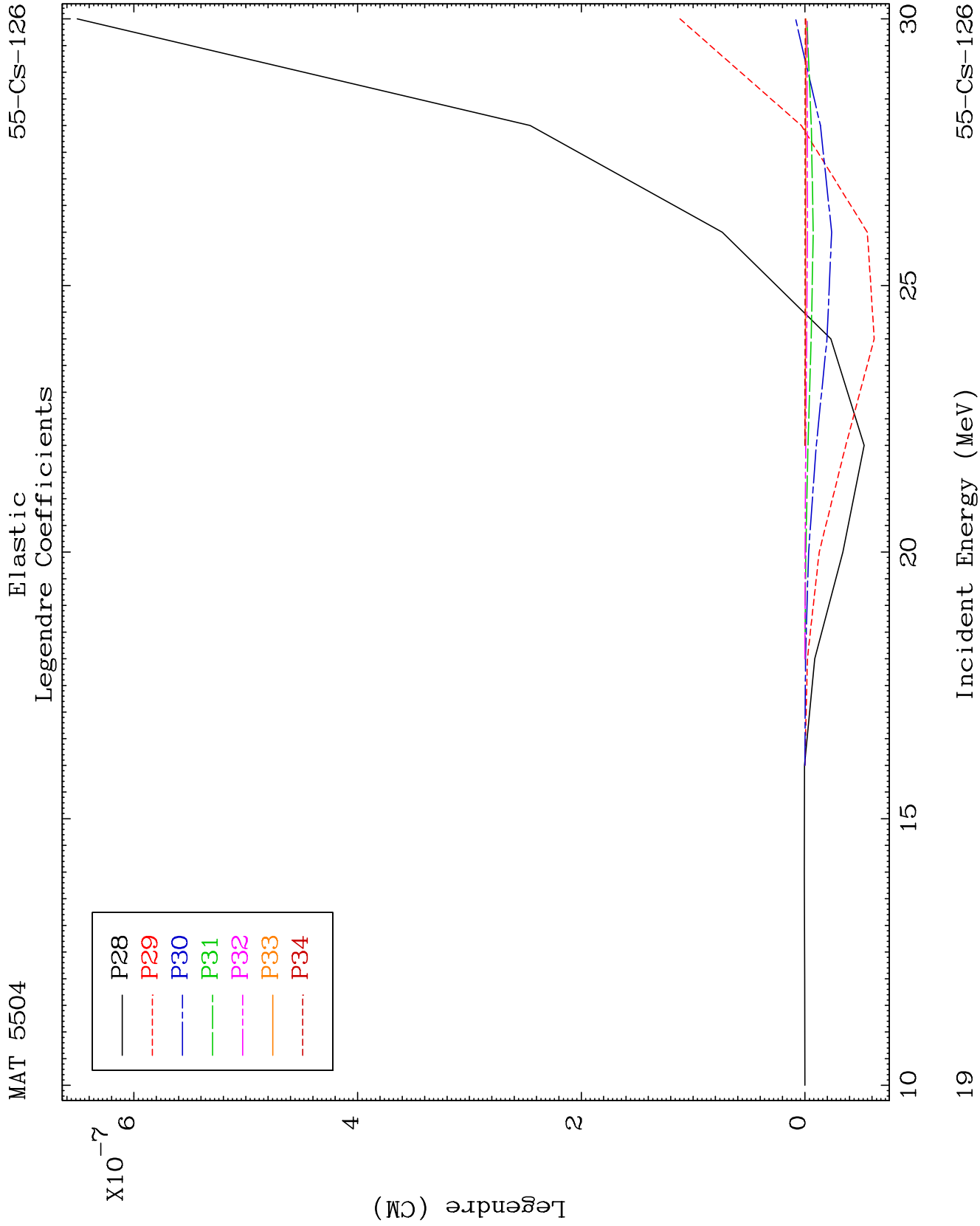
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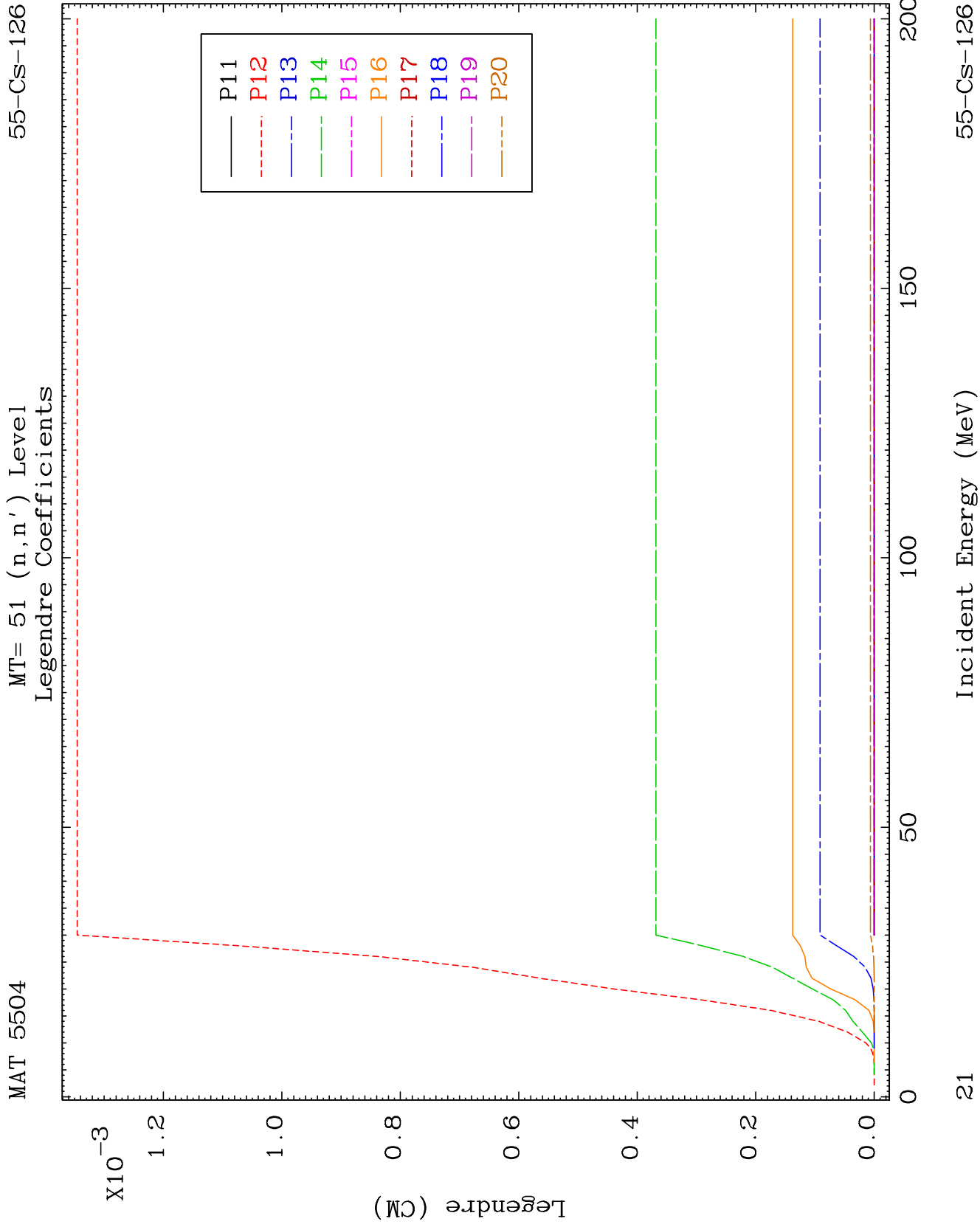


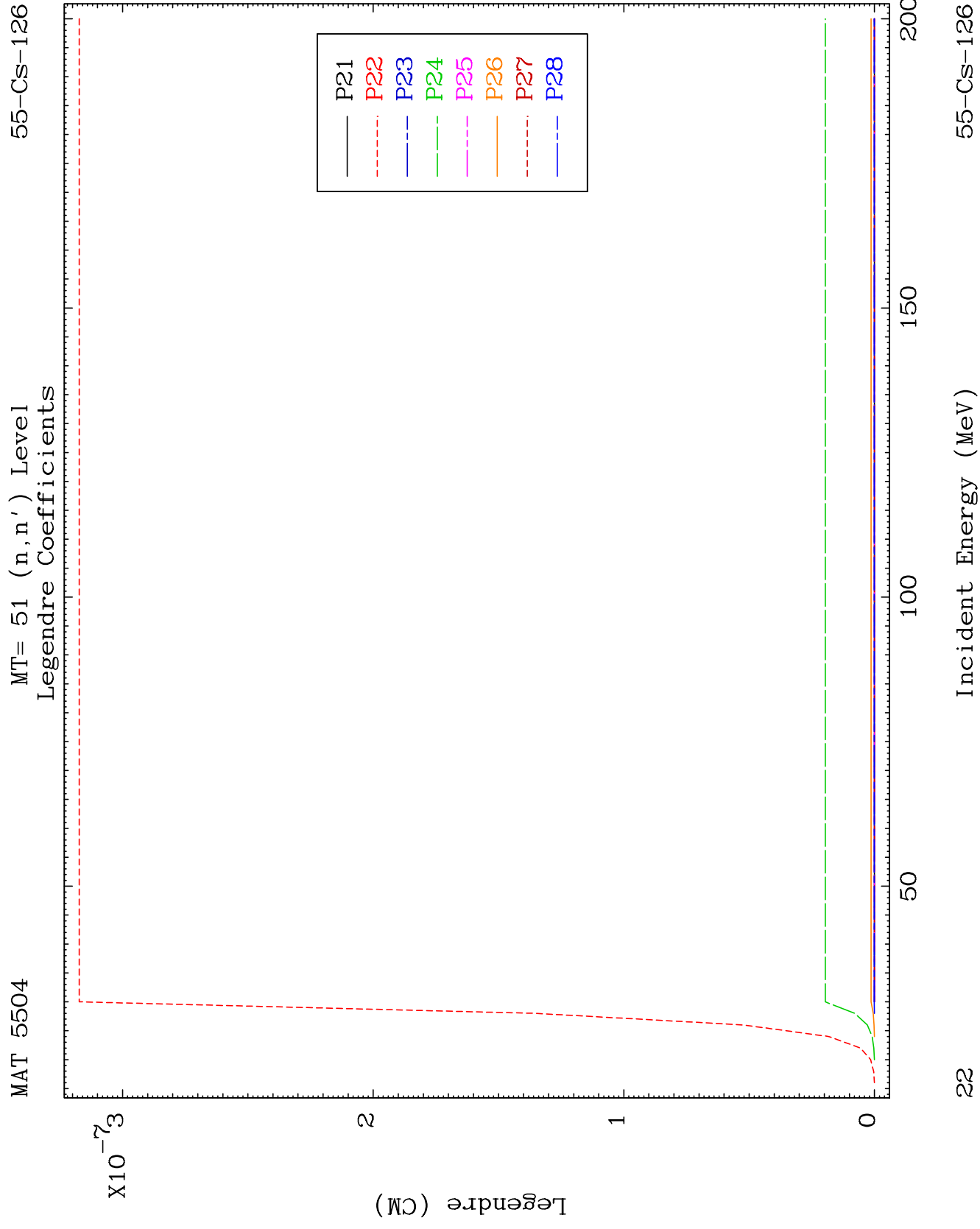








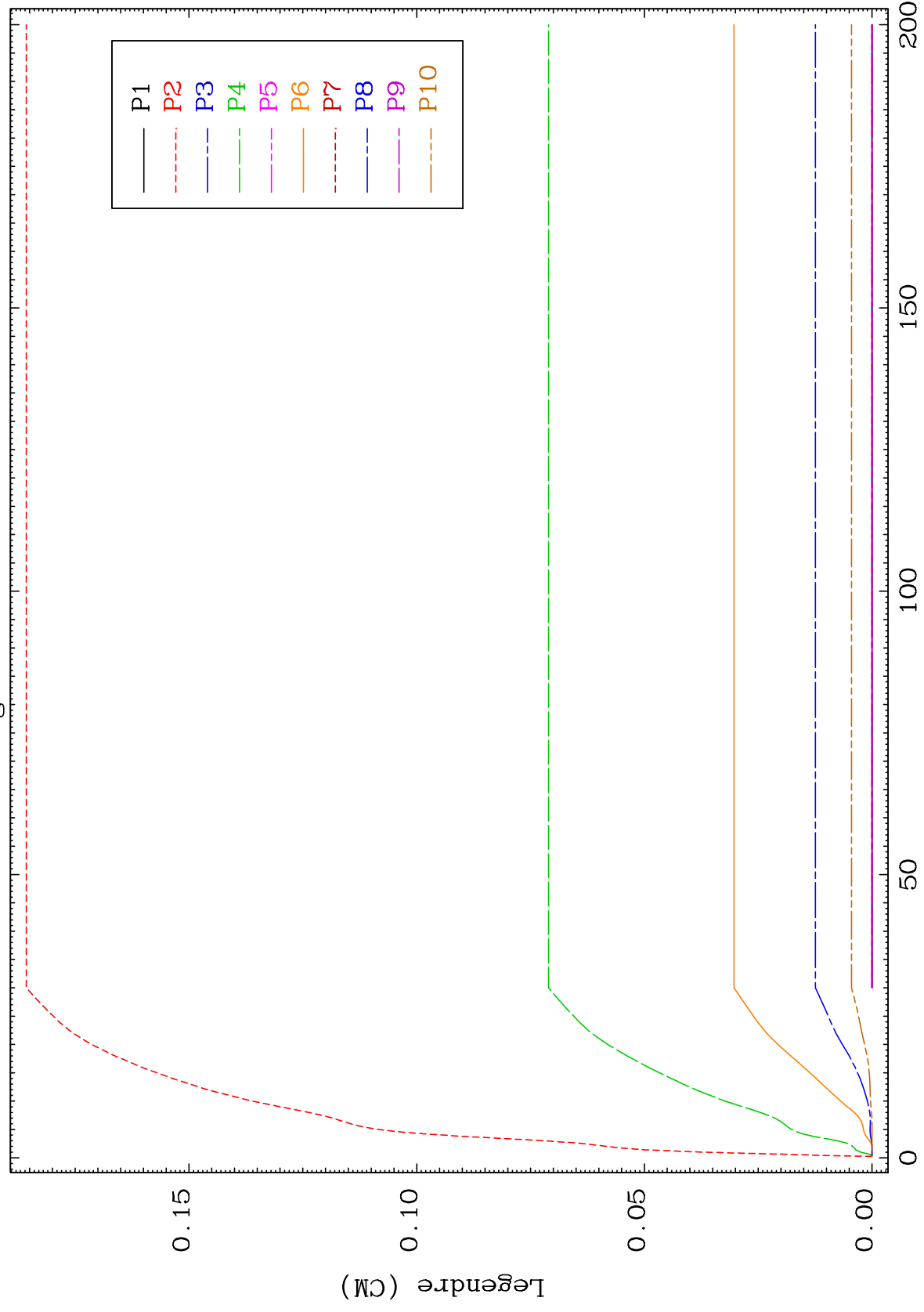




MAT 5504

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

55-CS-126



32

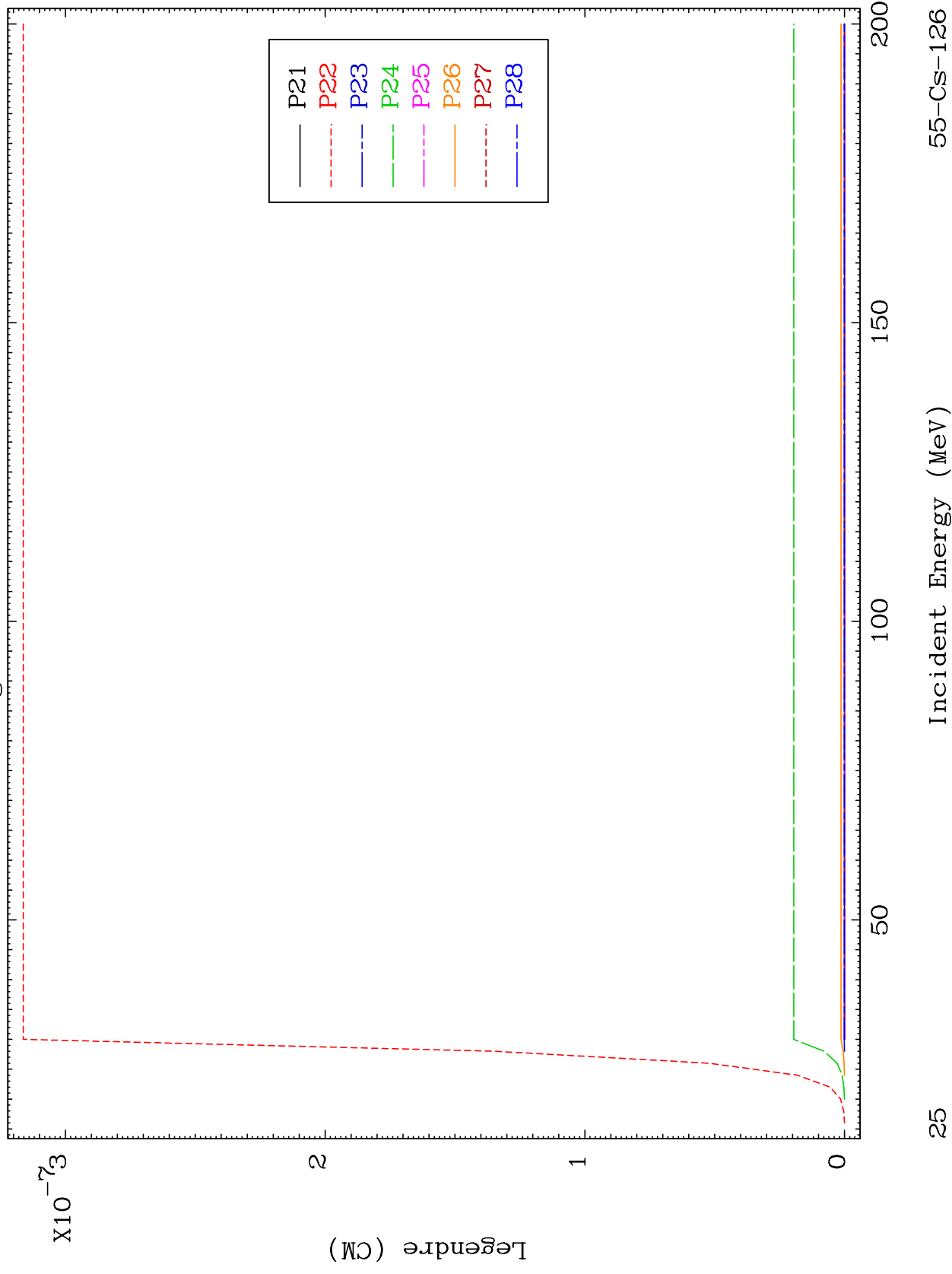
Incident Energy (MeV)

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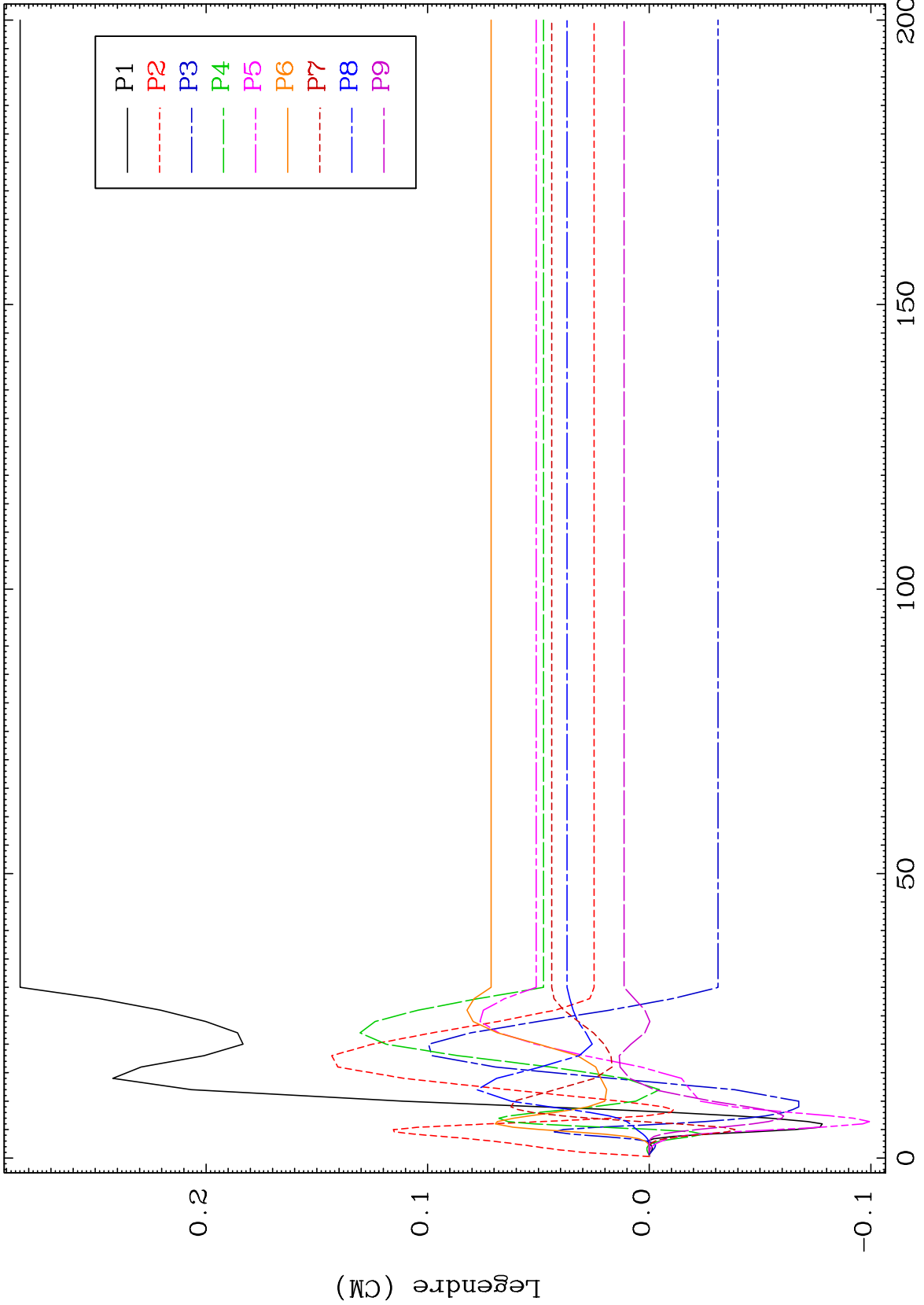
MAT 5504

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

55-CS-126

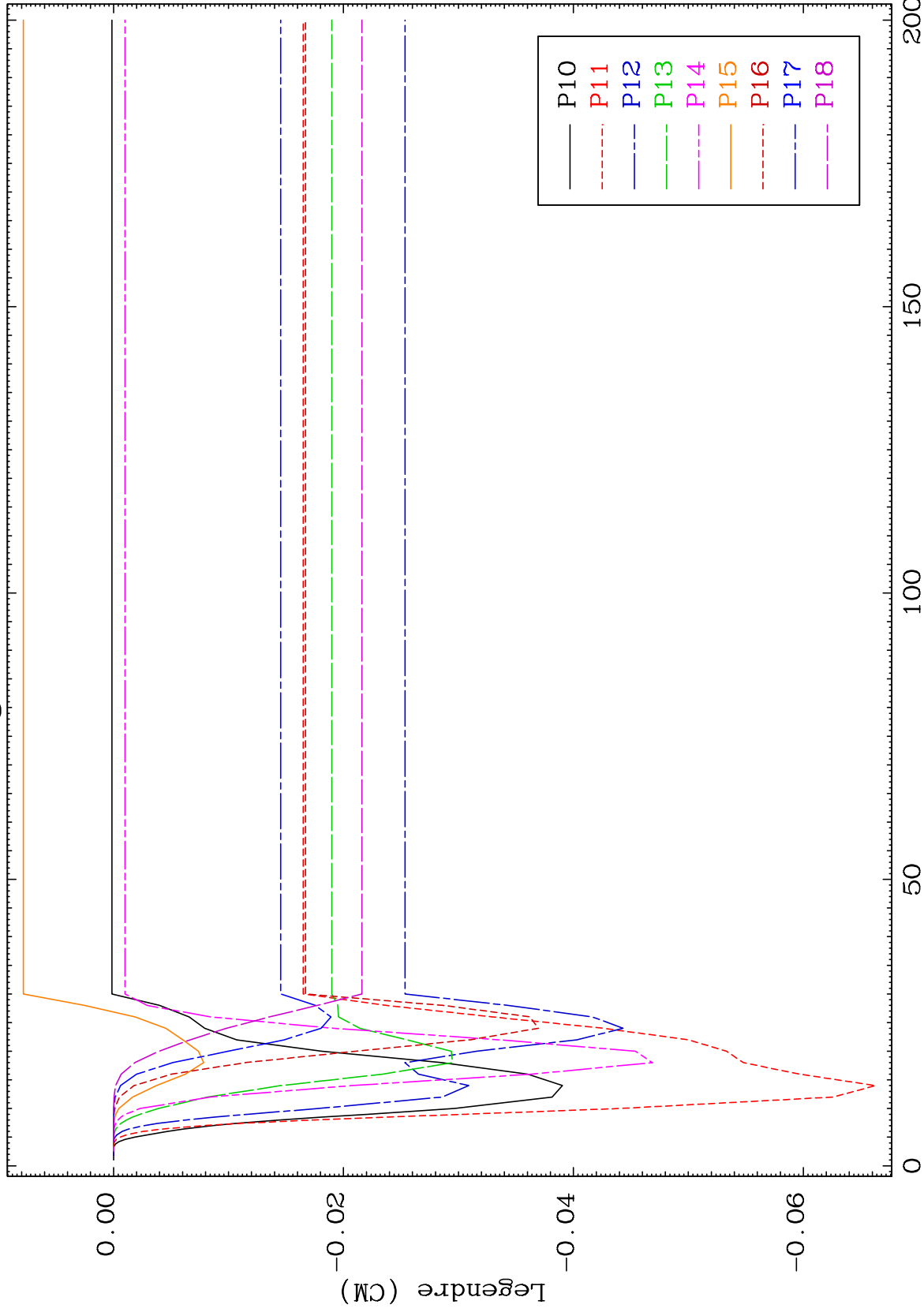


MAT 5504 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-126

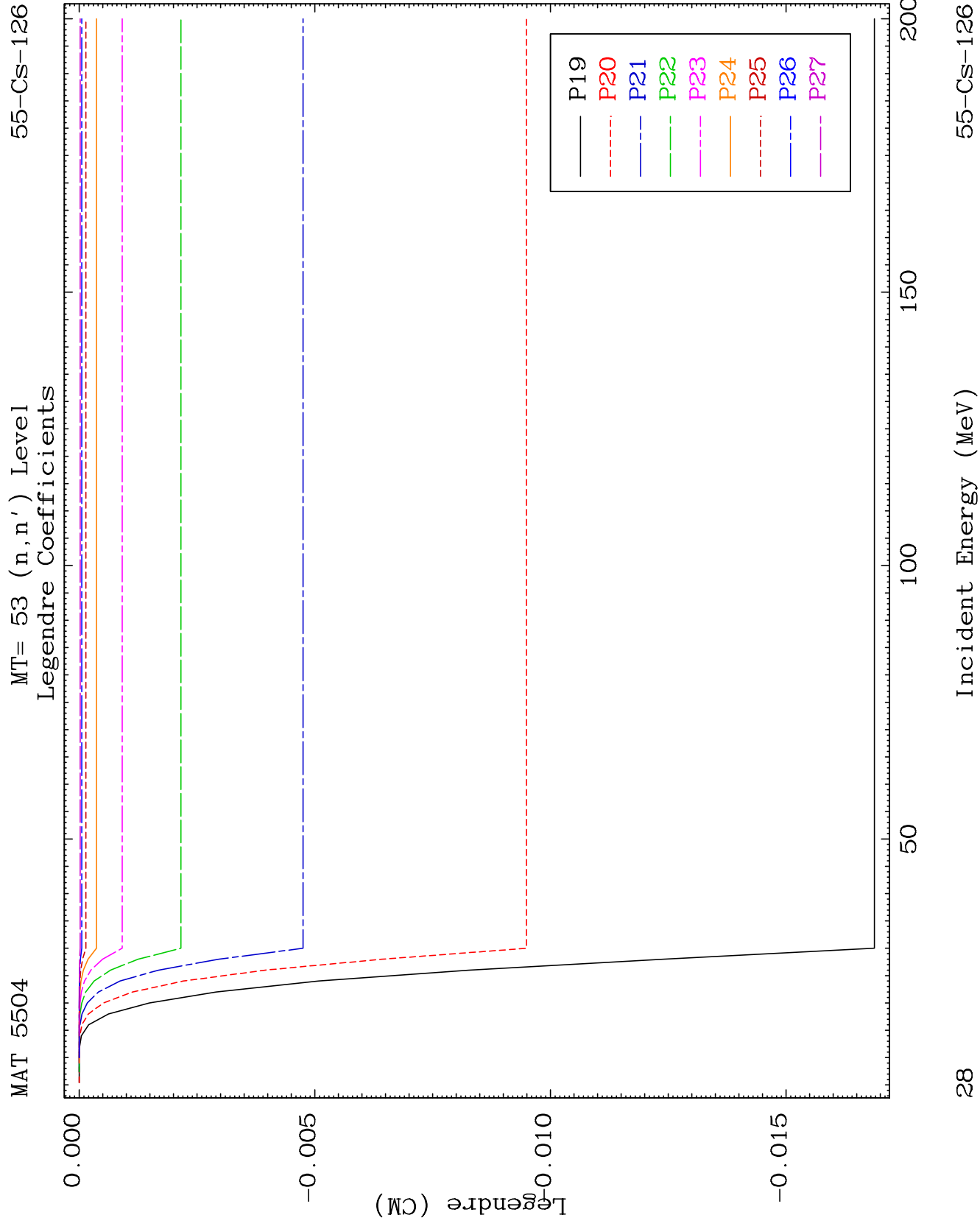


26 Incident Energy (MeV) 55-Cs-126

MAT 5504 MT= 53 (n,n') Level 55-Cs-126
Legendre Coefficients



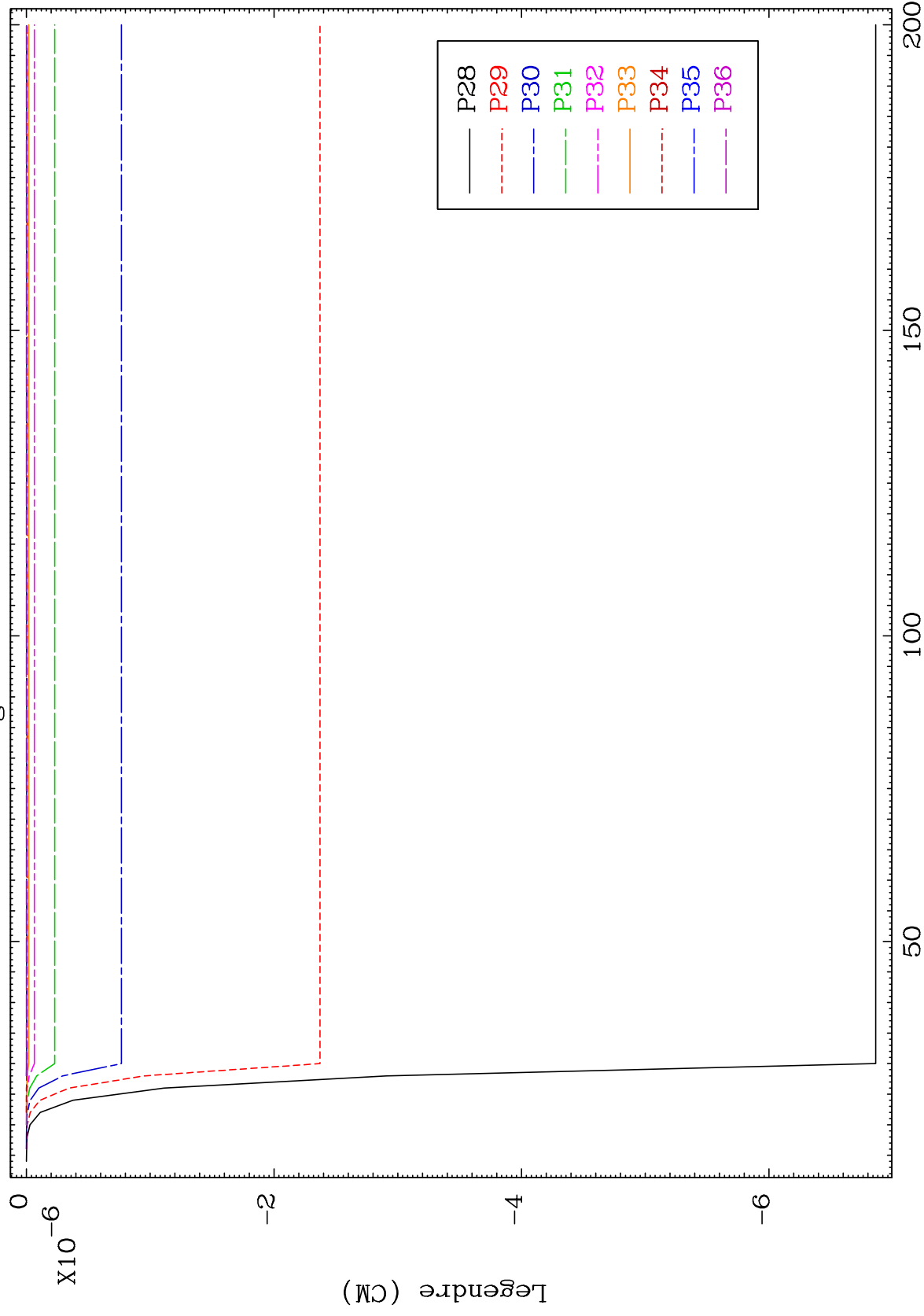
27 50 100 150 200 55-Cs-126



MAT 5504

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

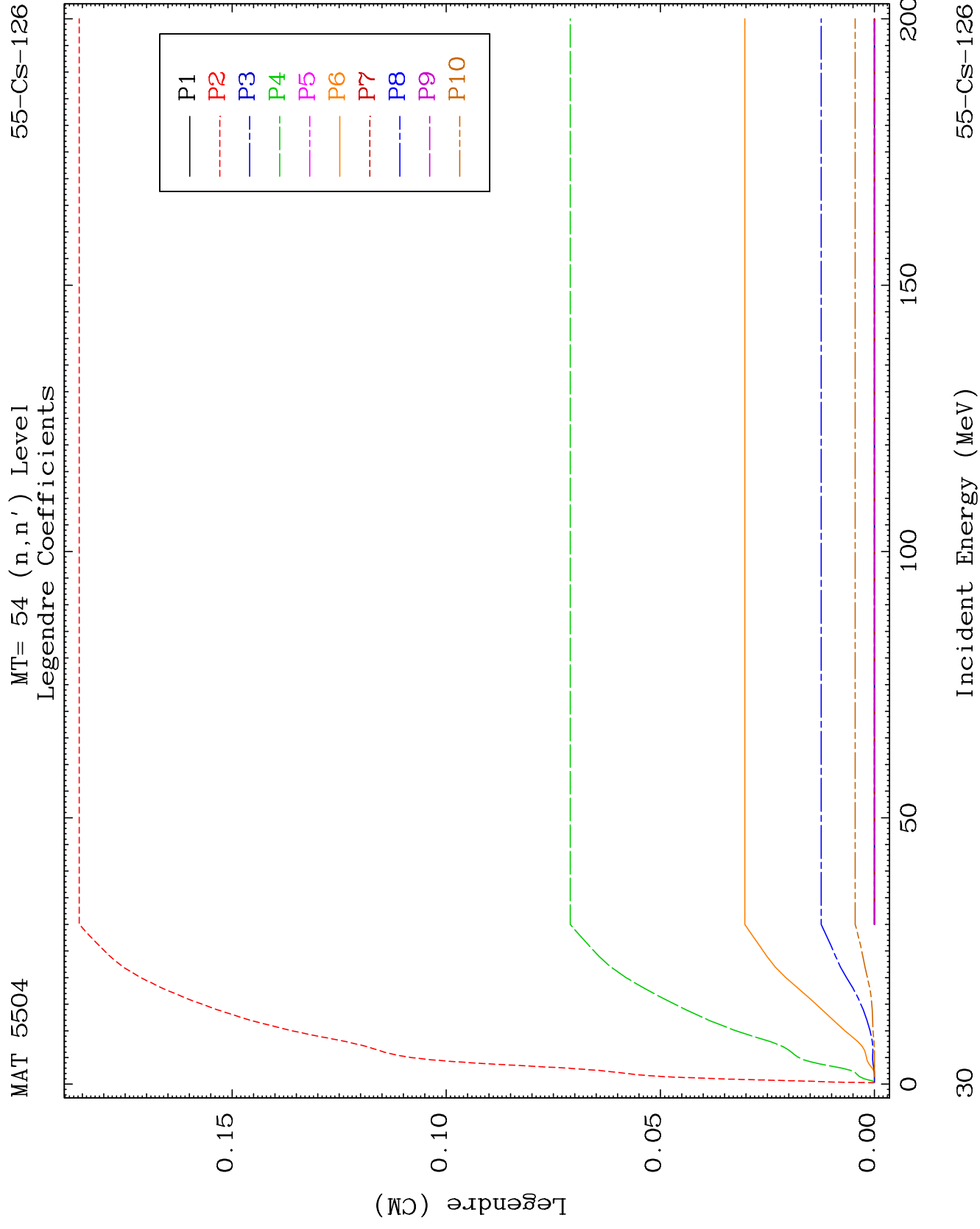
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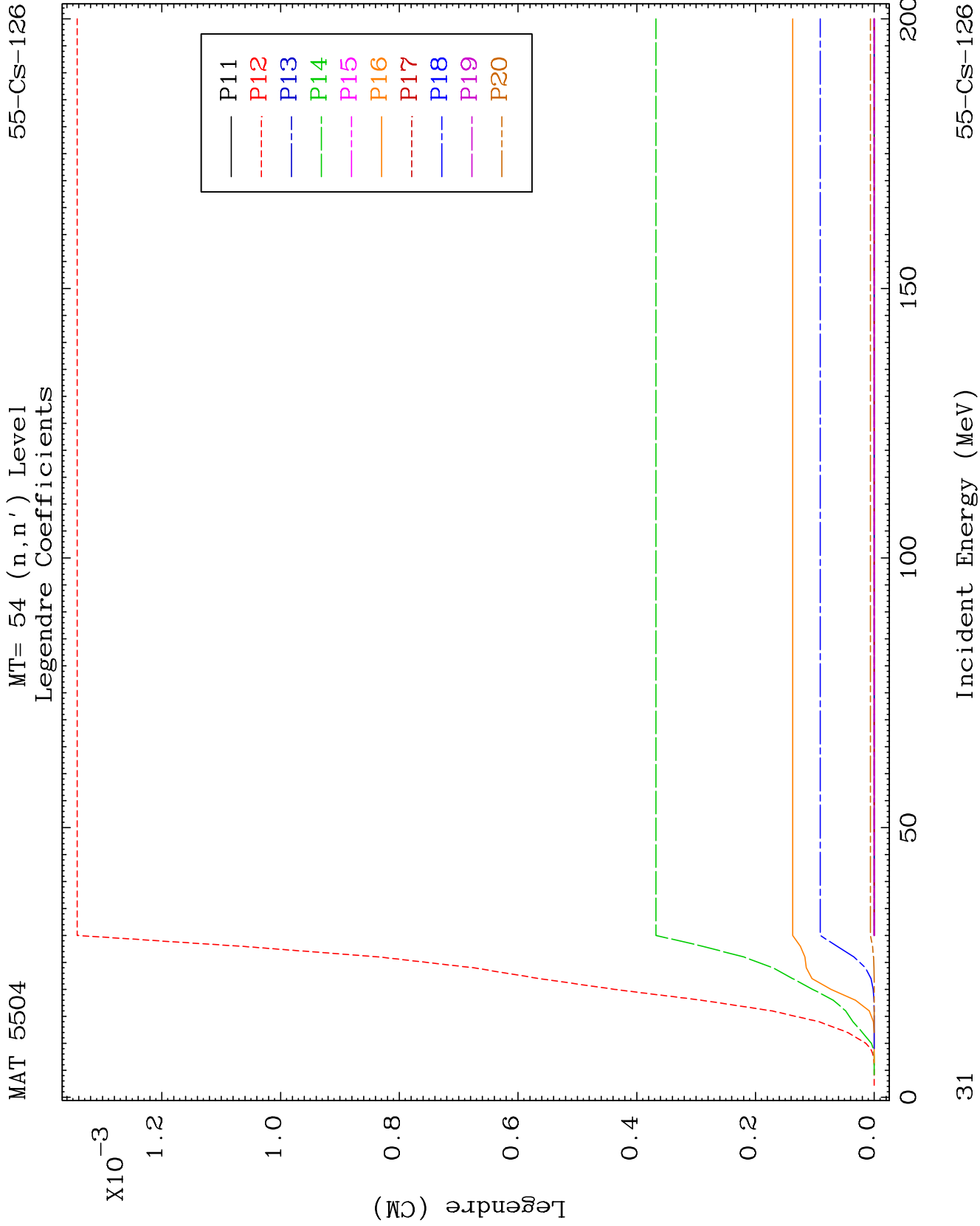


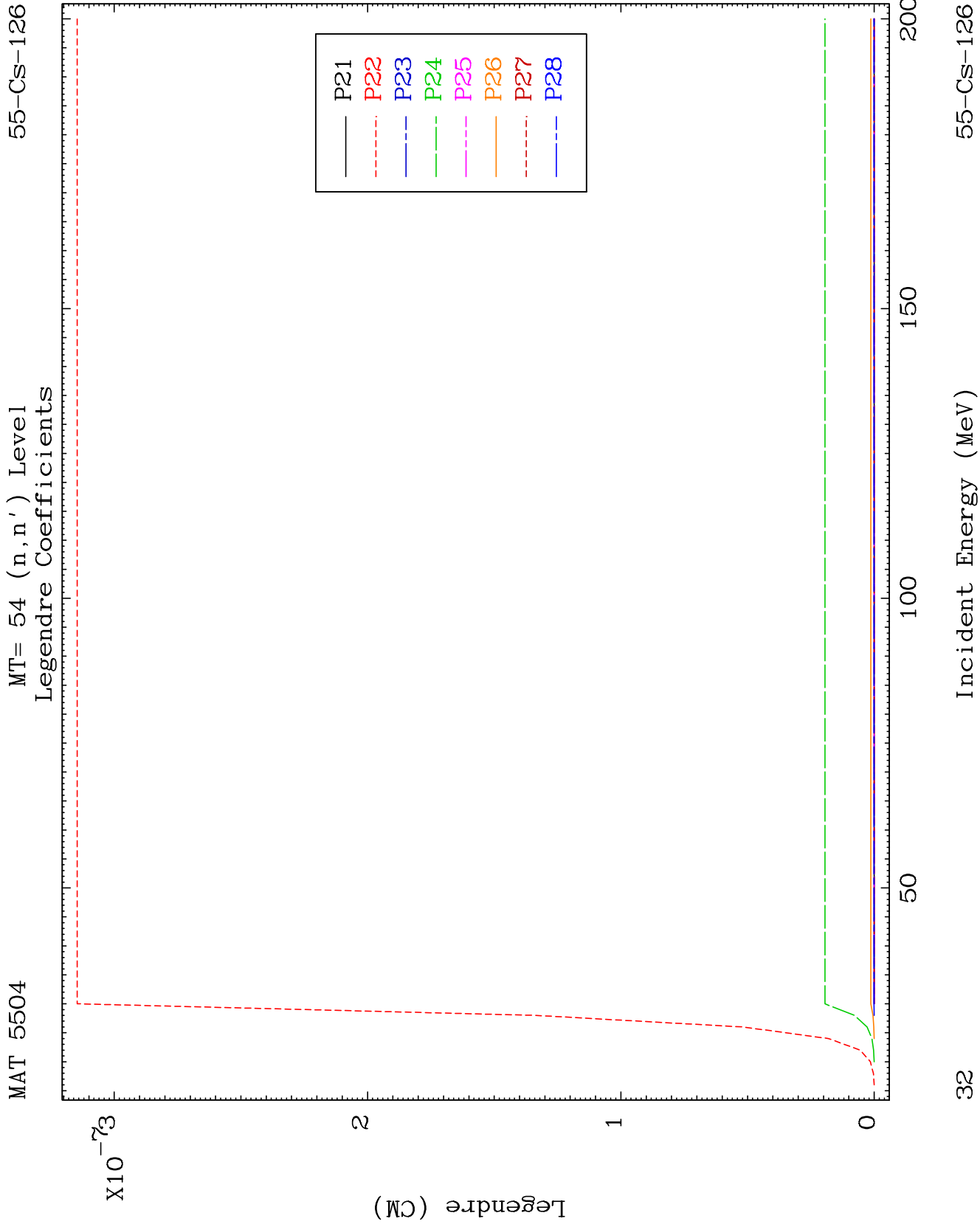
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Incident Energy (MeV)

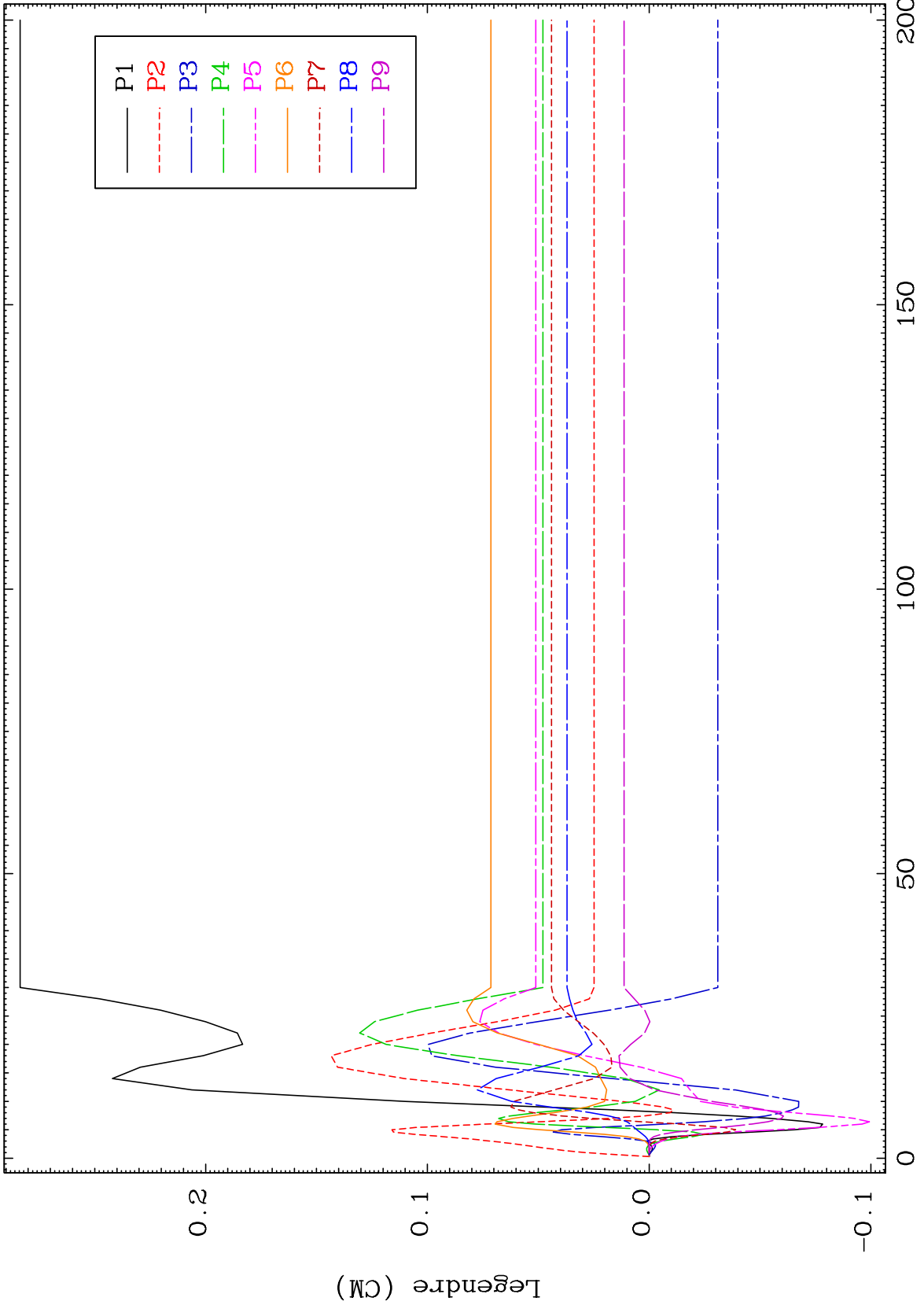
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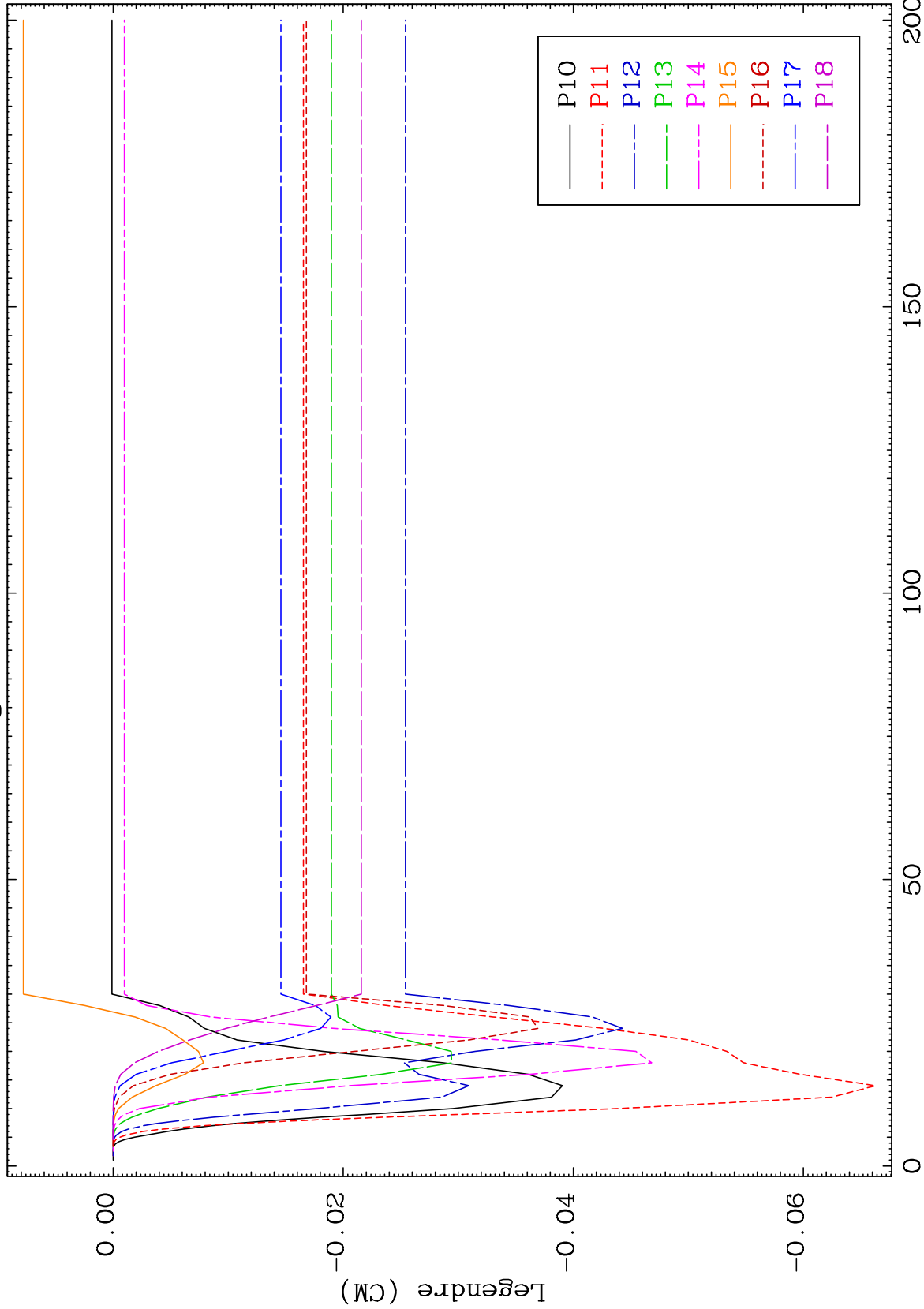


MAT 5504 MT= 55 (n,n') Level
Legendre Coefficients 55-Cs-126



33 55-Cs-126

MAT 5504 MT= 55 (n,n') Level 55-Cs-126
Legendre Coefficients

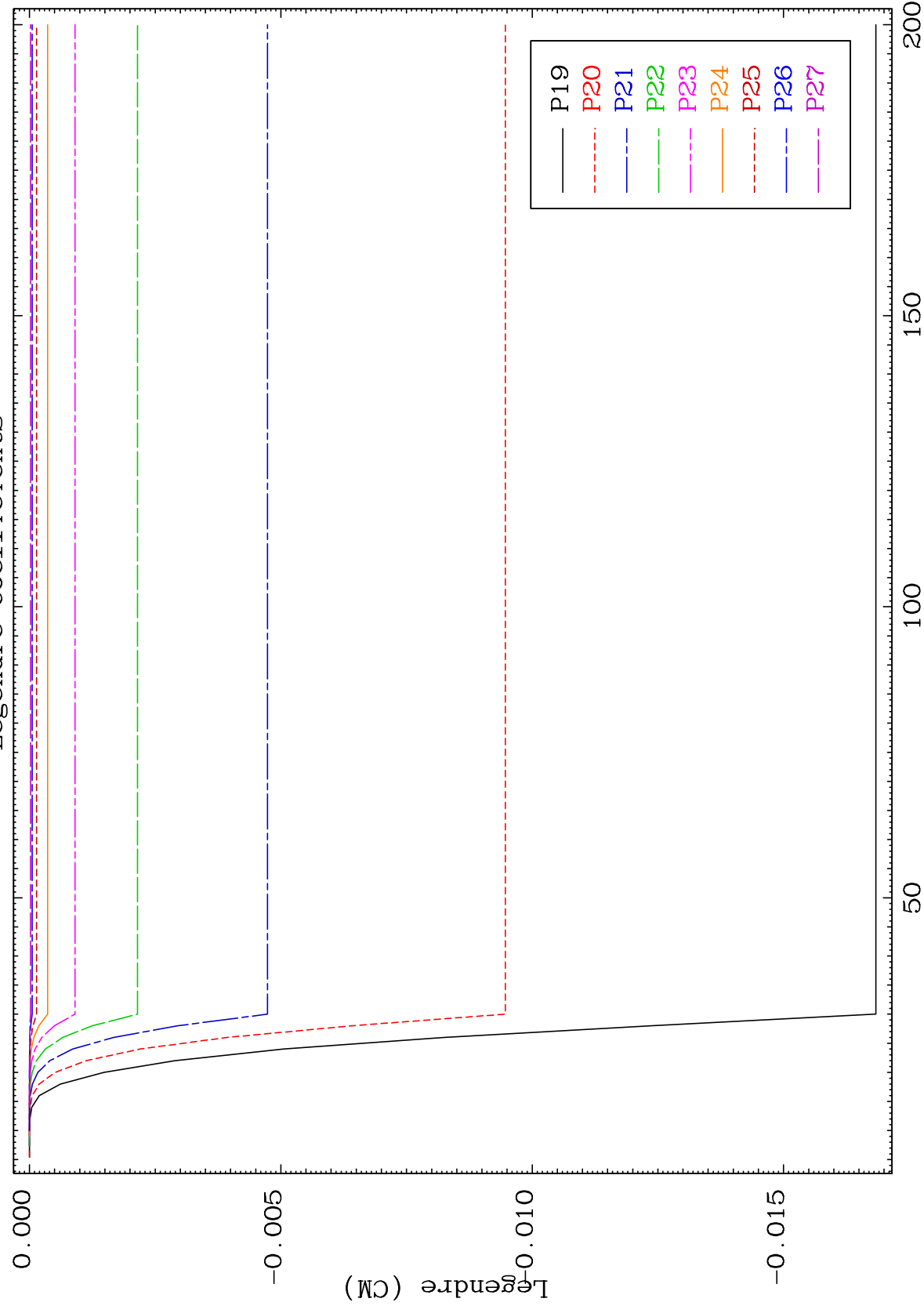


34 Incident Energy (MeV) 55-Cs-126

MAT 5504

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

55-CS-126



35

Incident Energy (MeV)

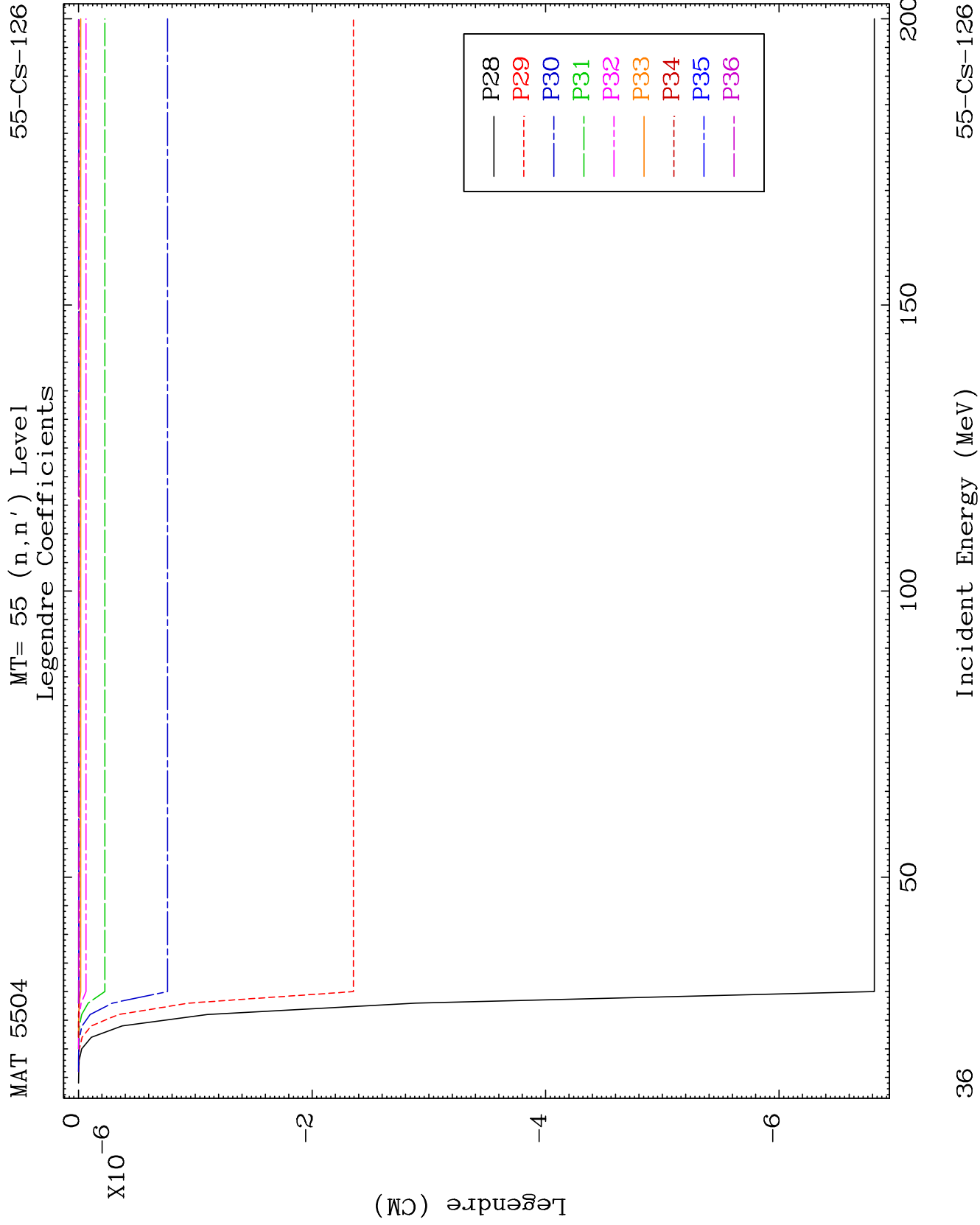
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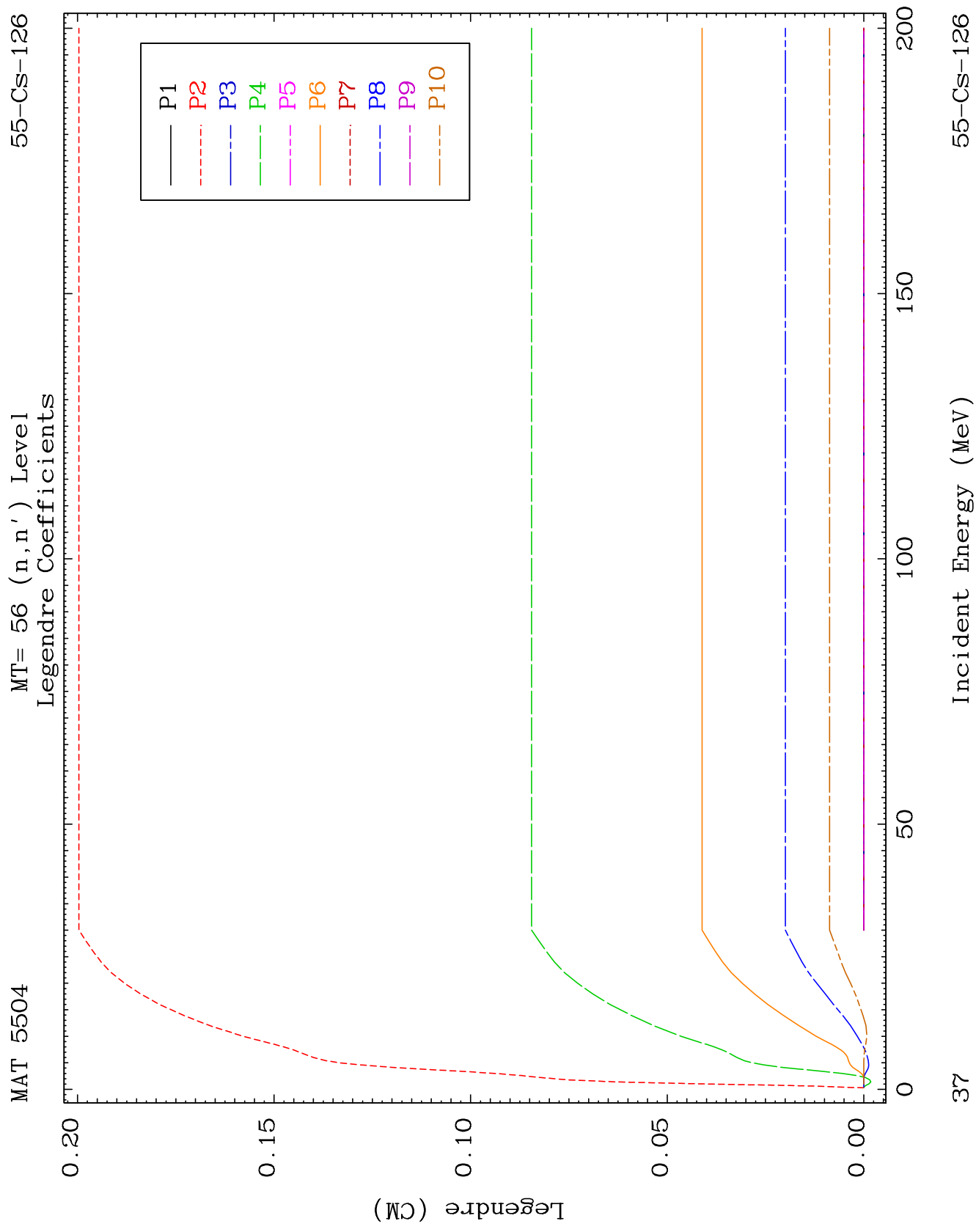
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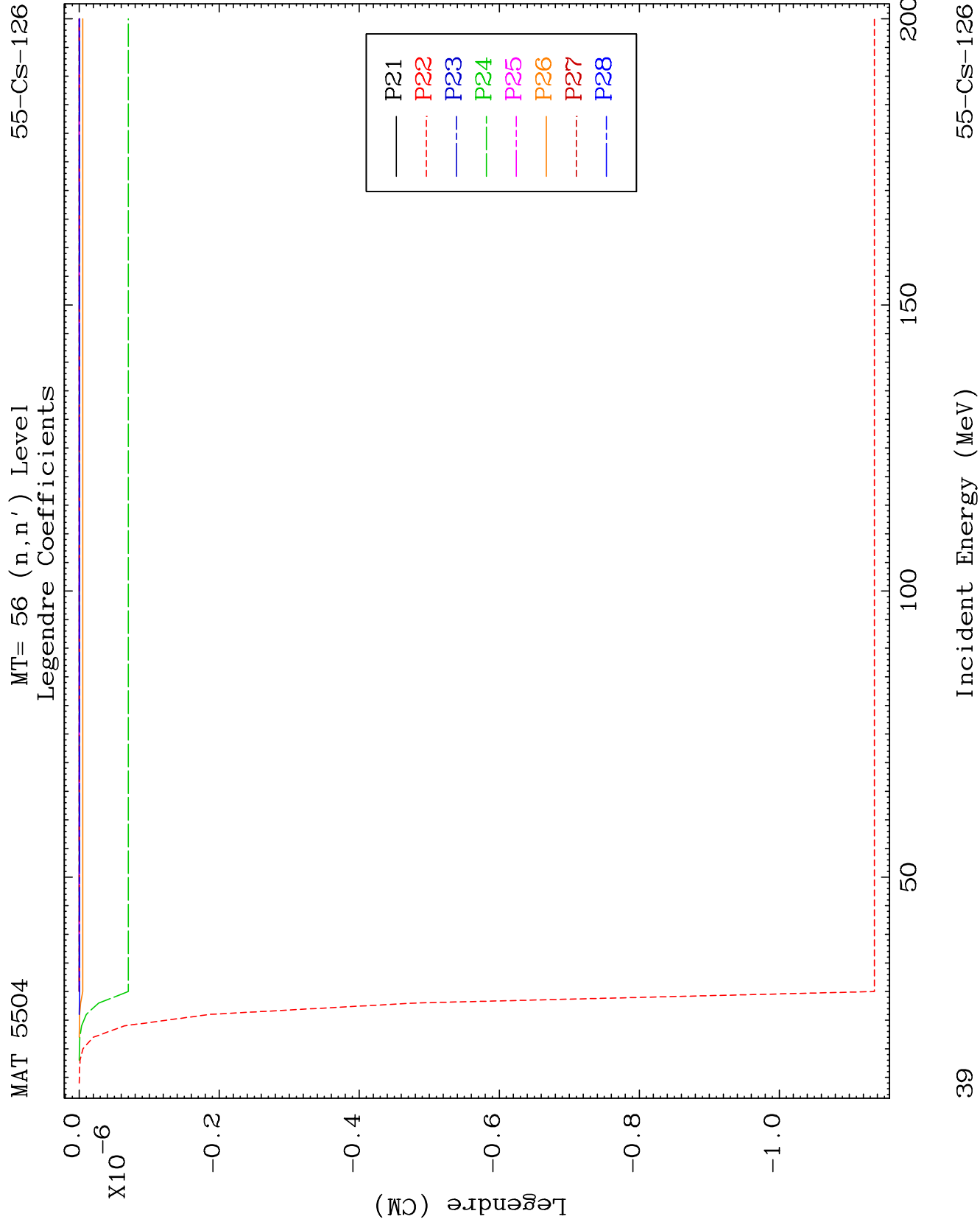
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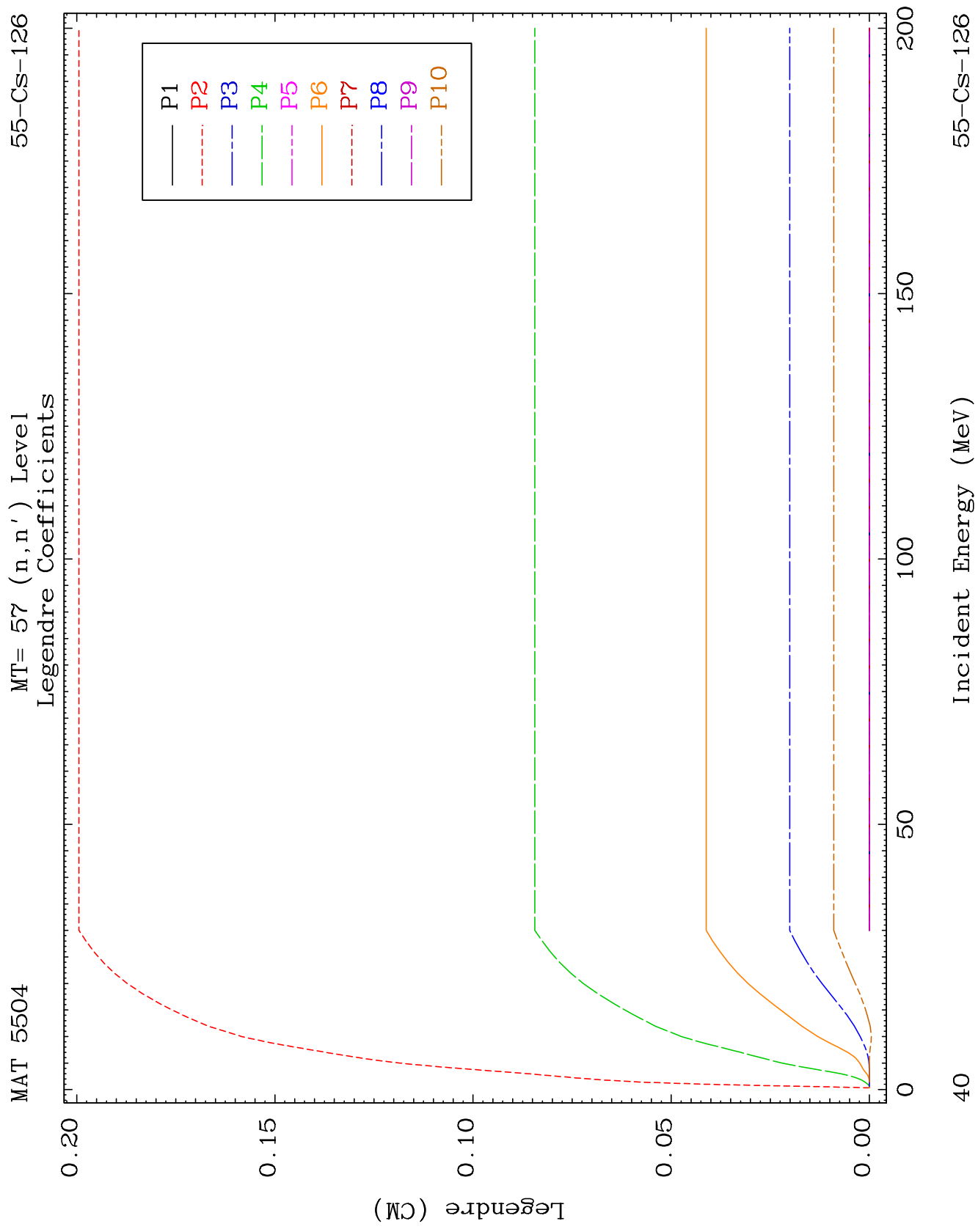
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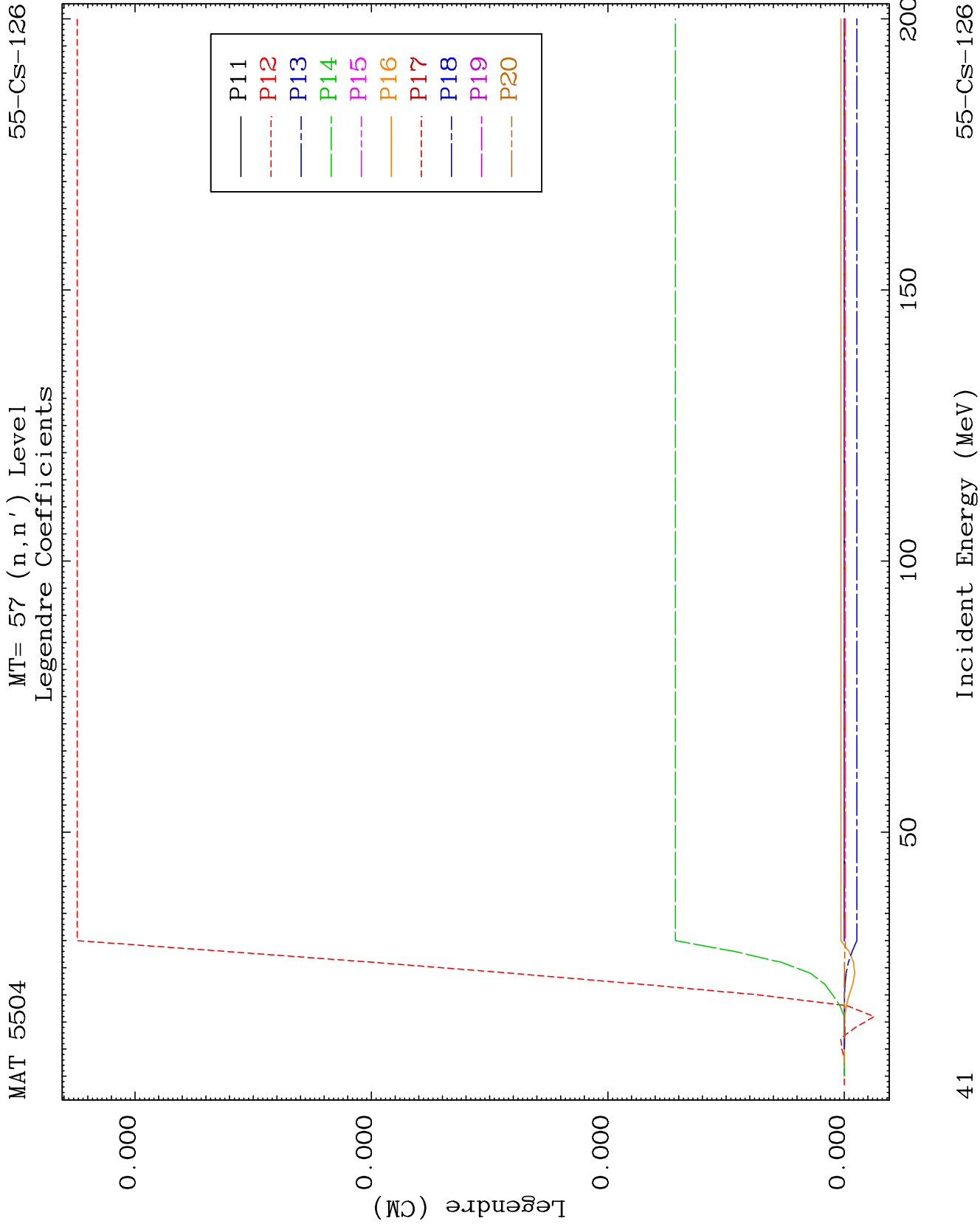
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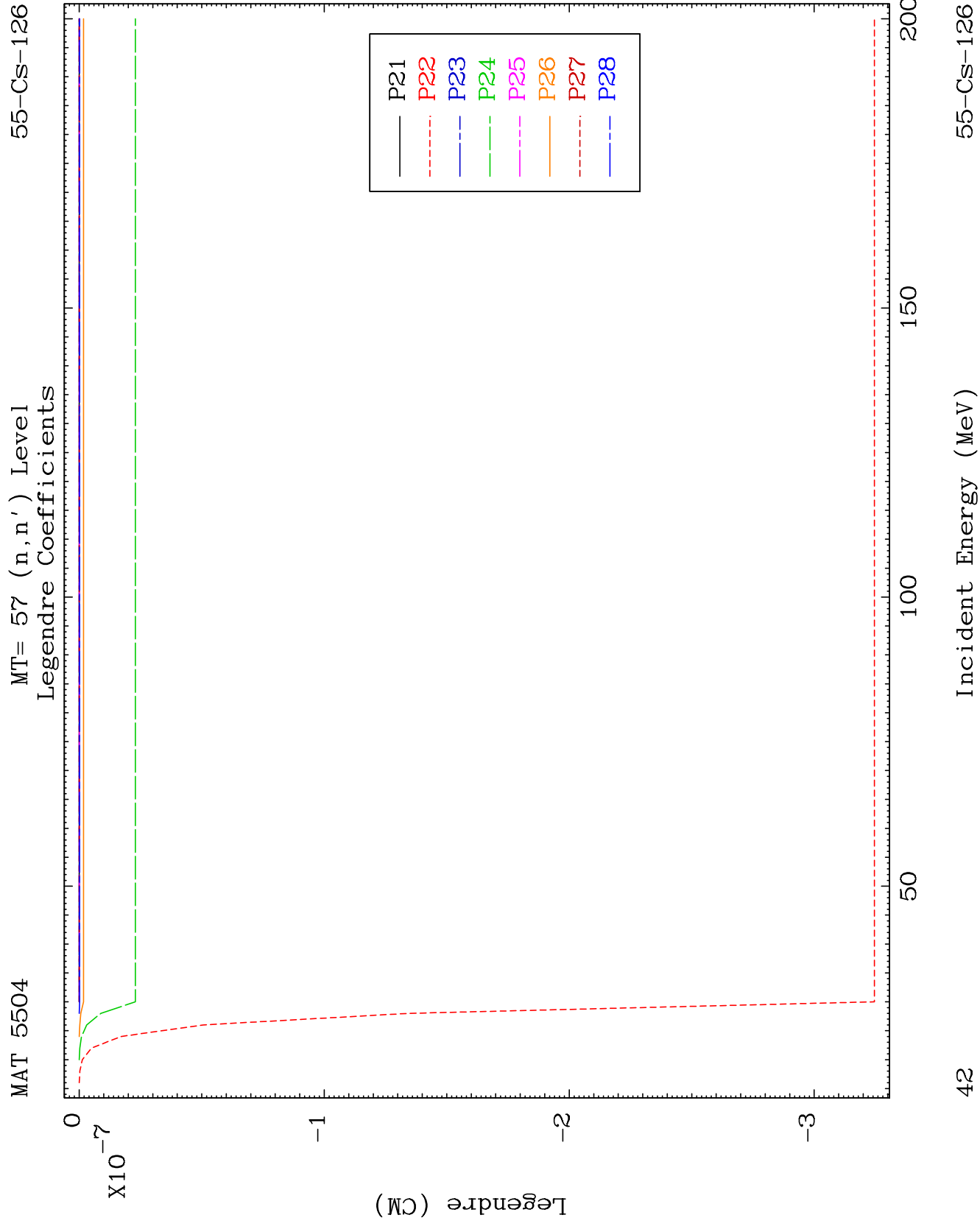








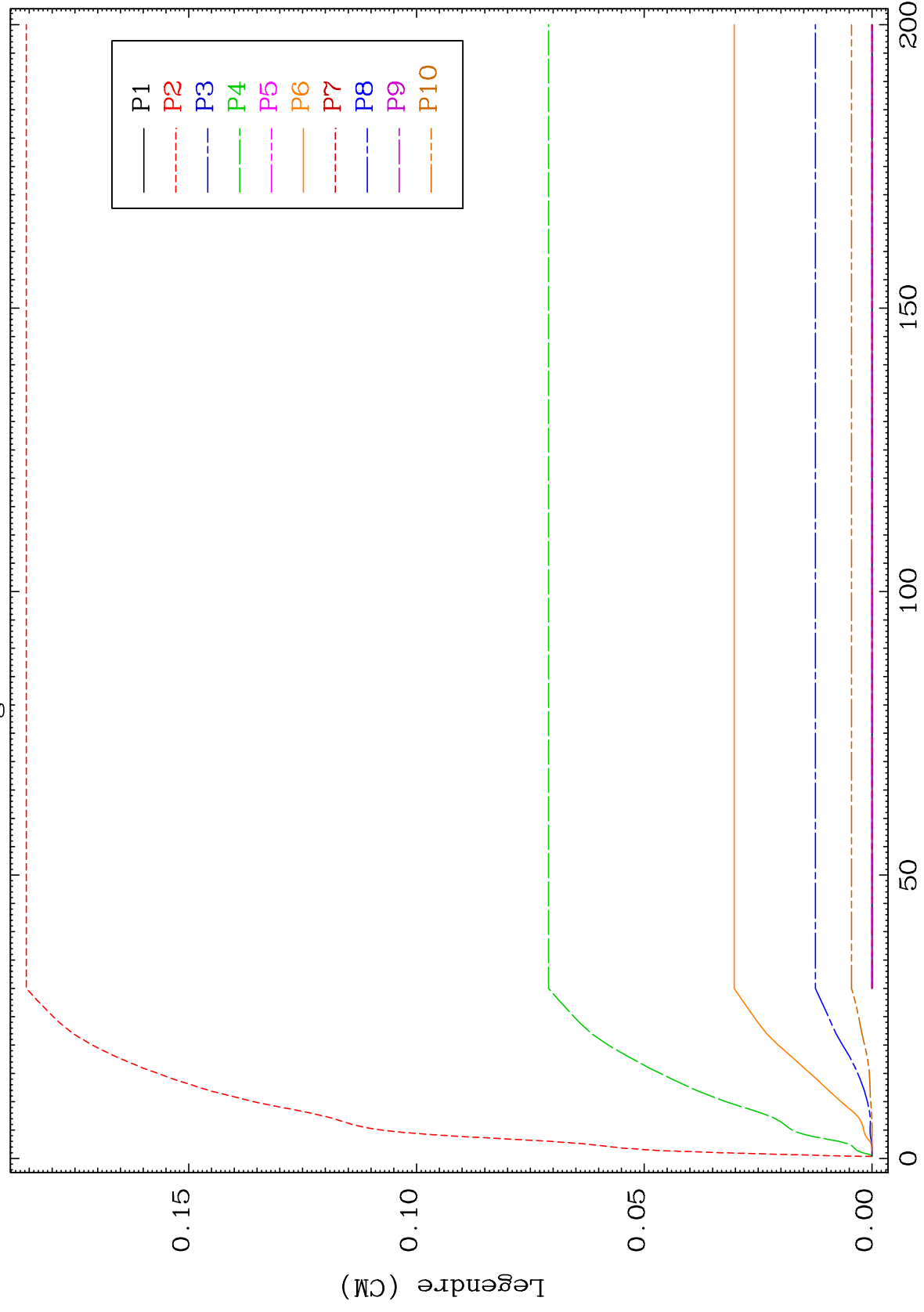




MAT 5504

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

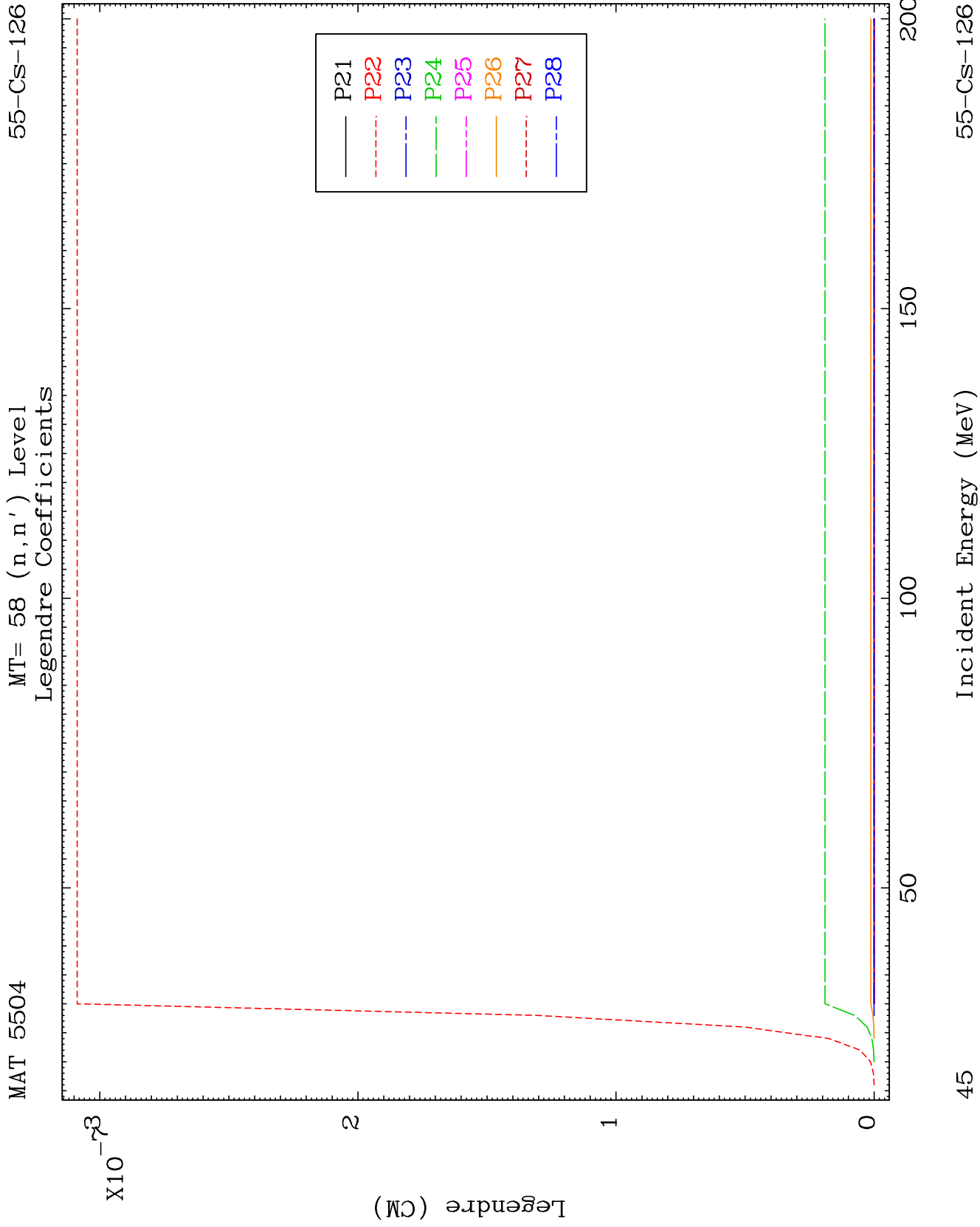
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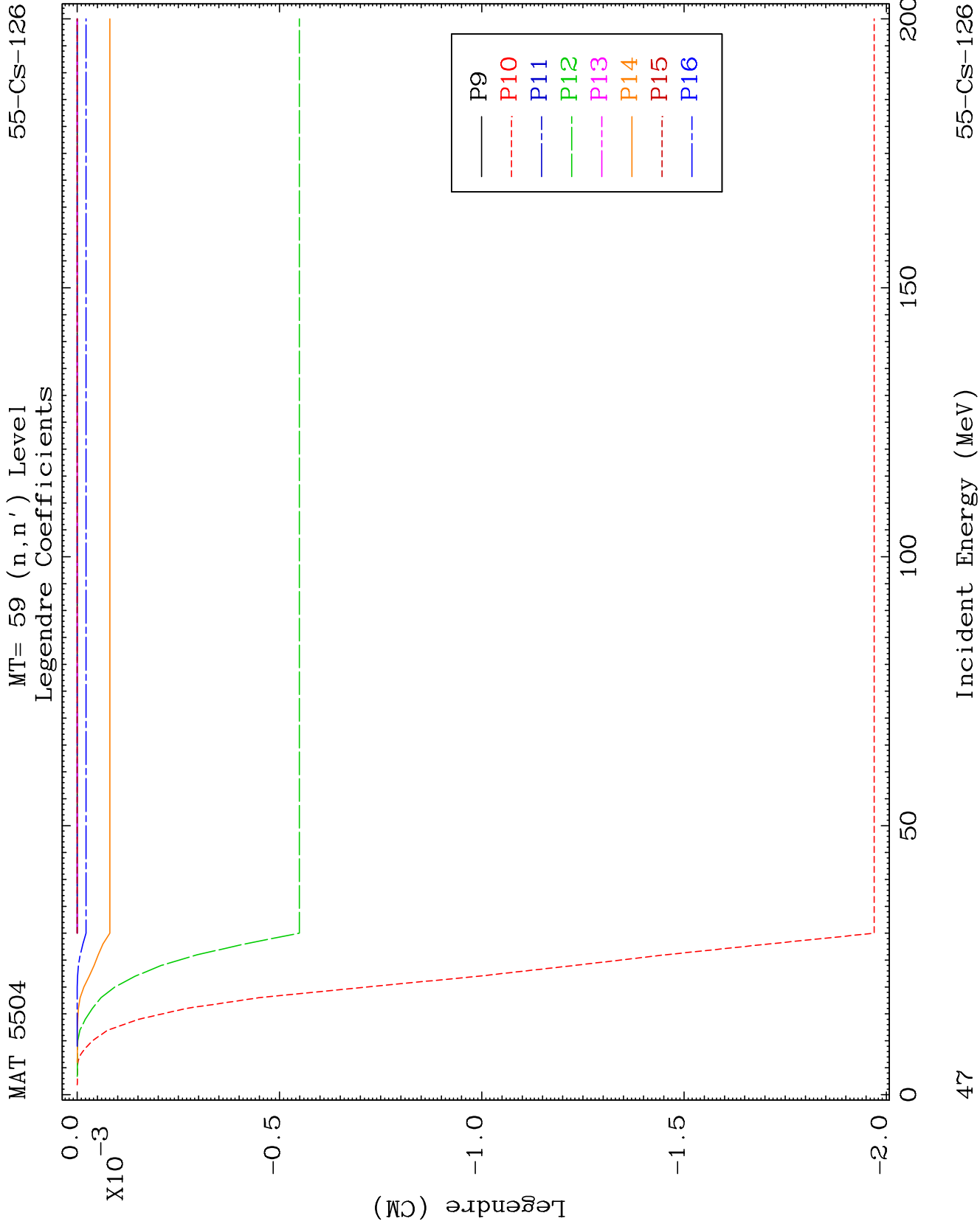


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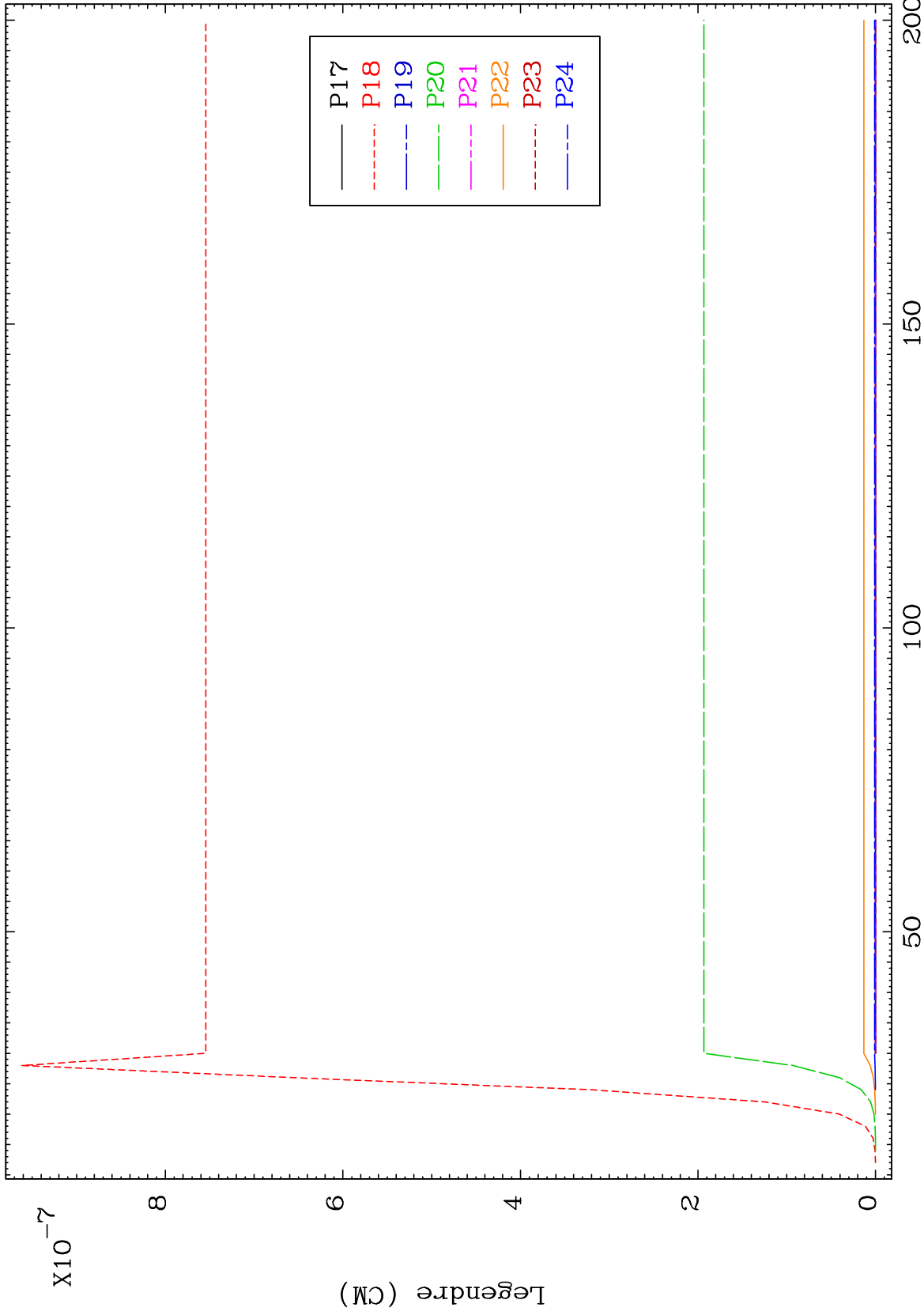
Incident Energy (MeV)

55-CS-126

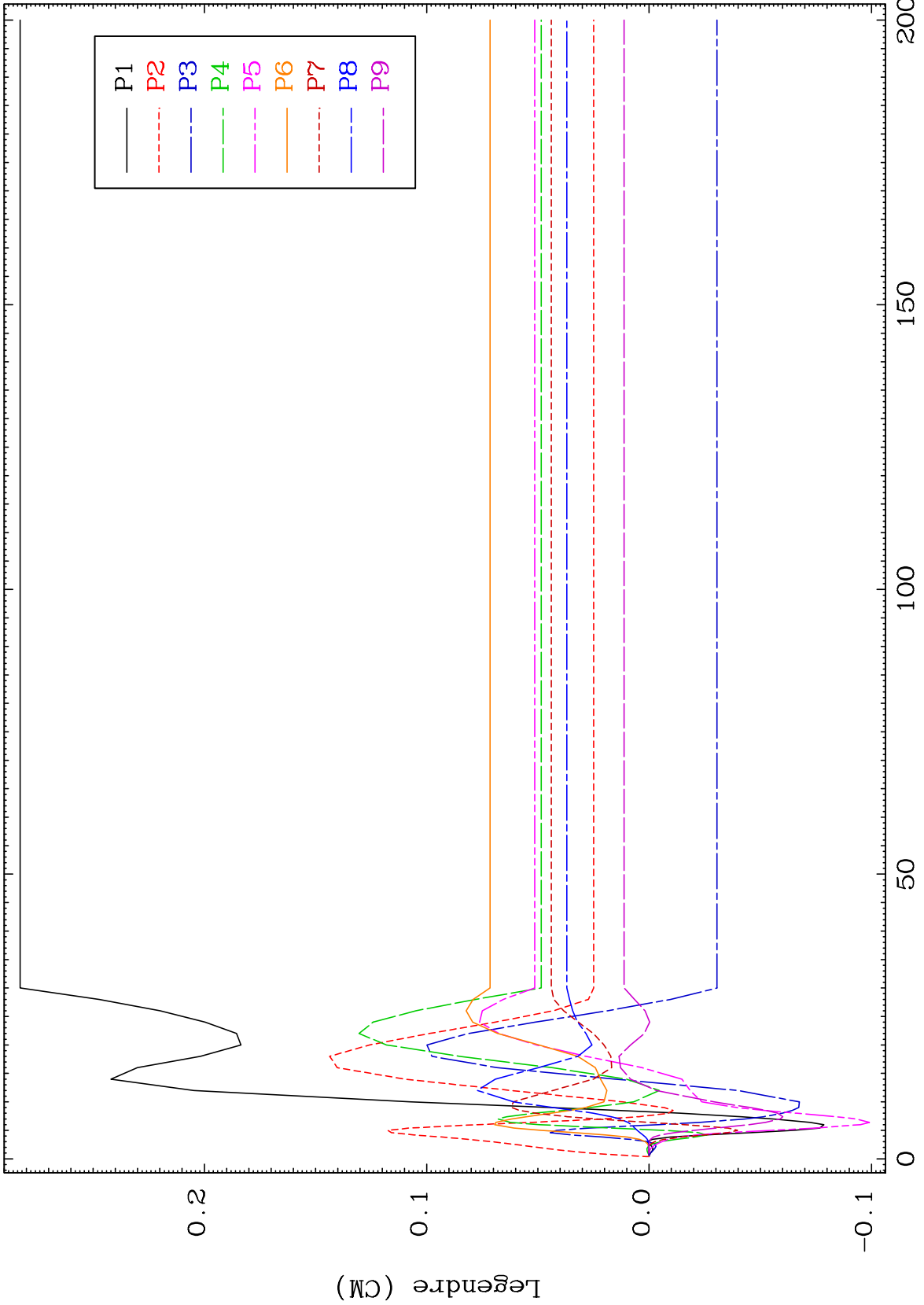


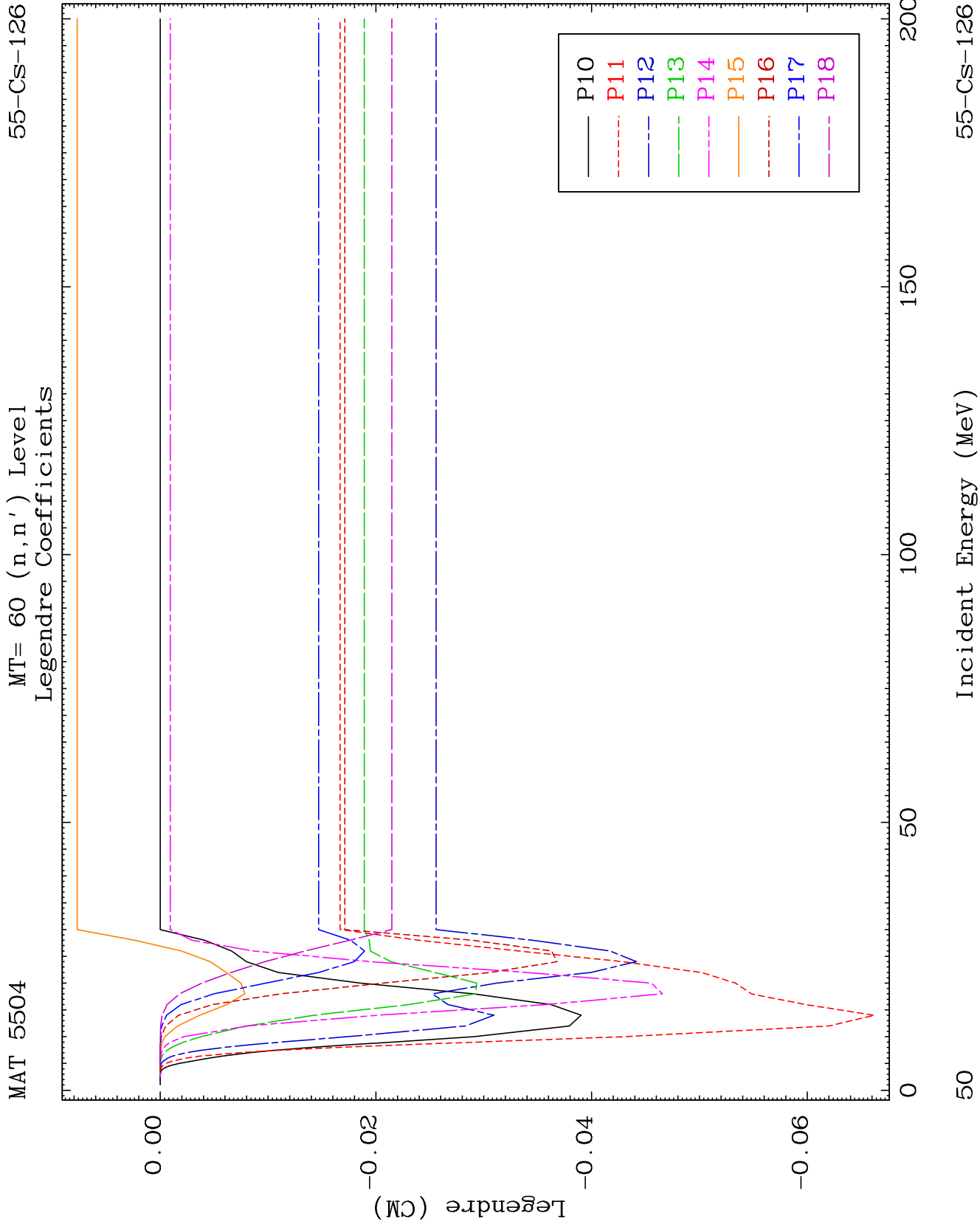


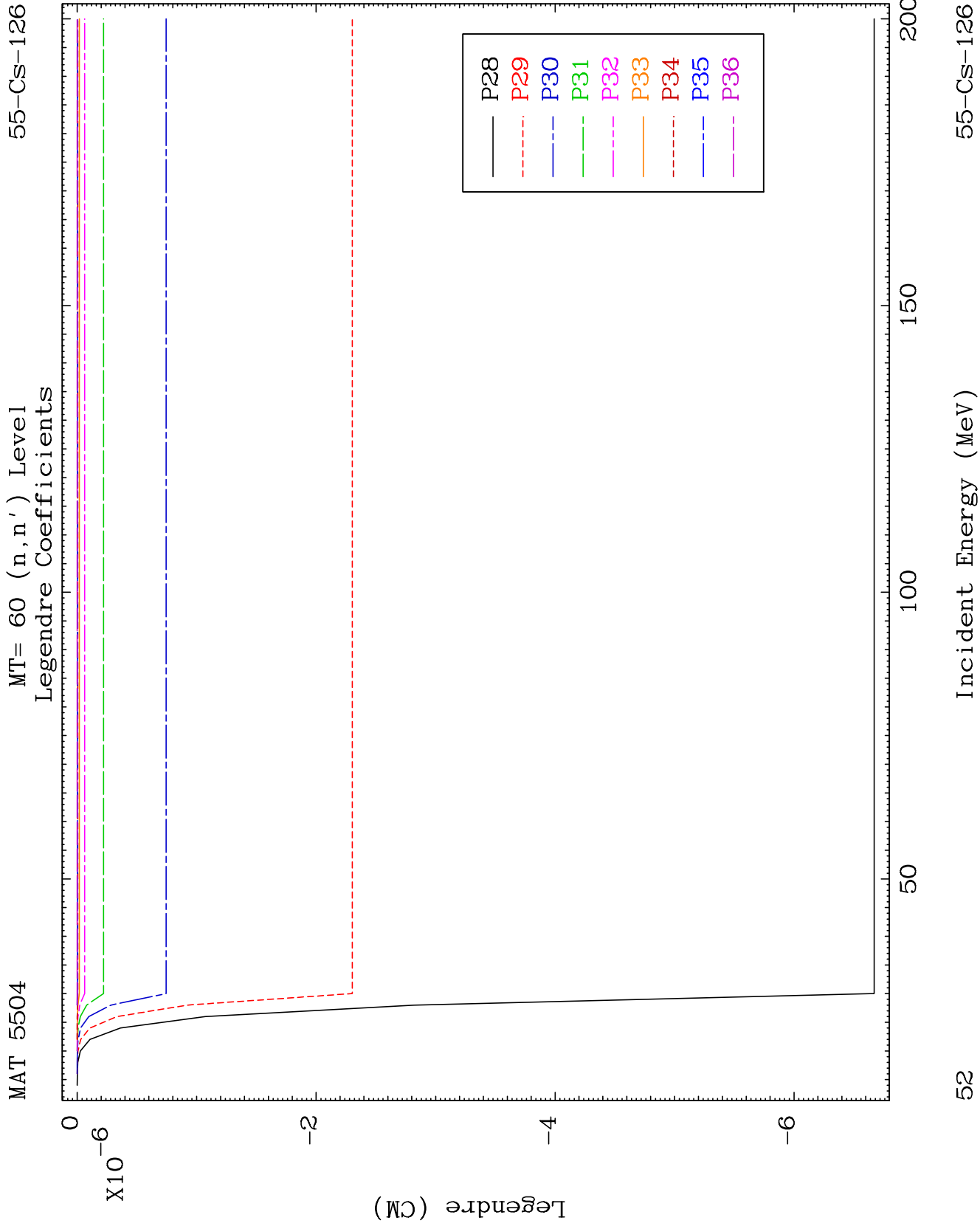
MAT 5504 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-126

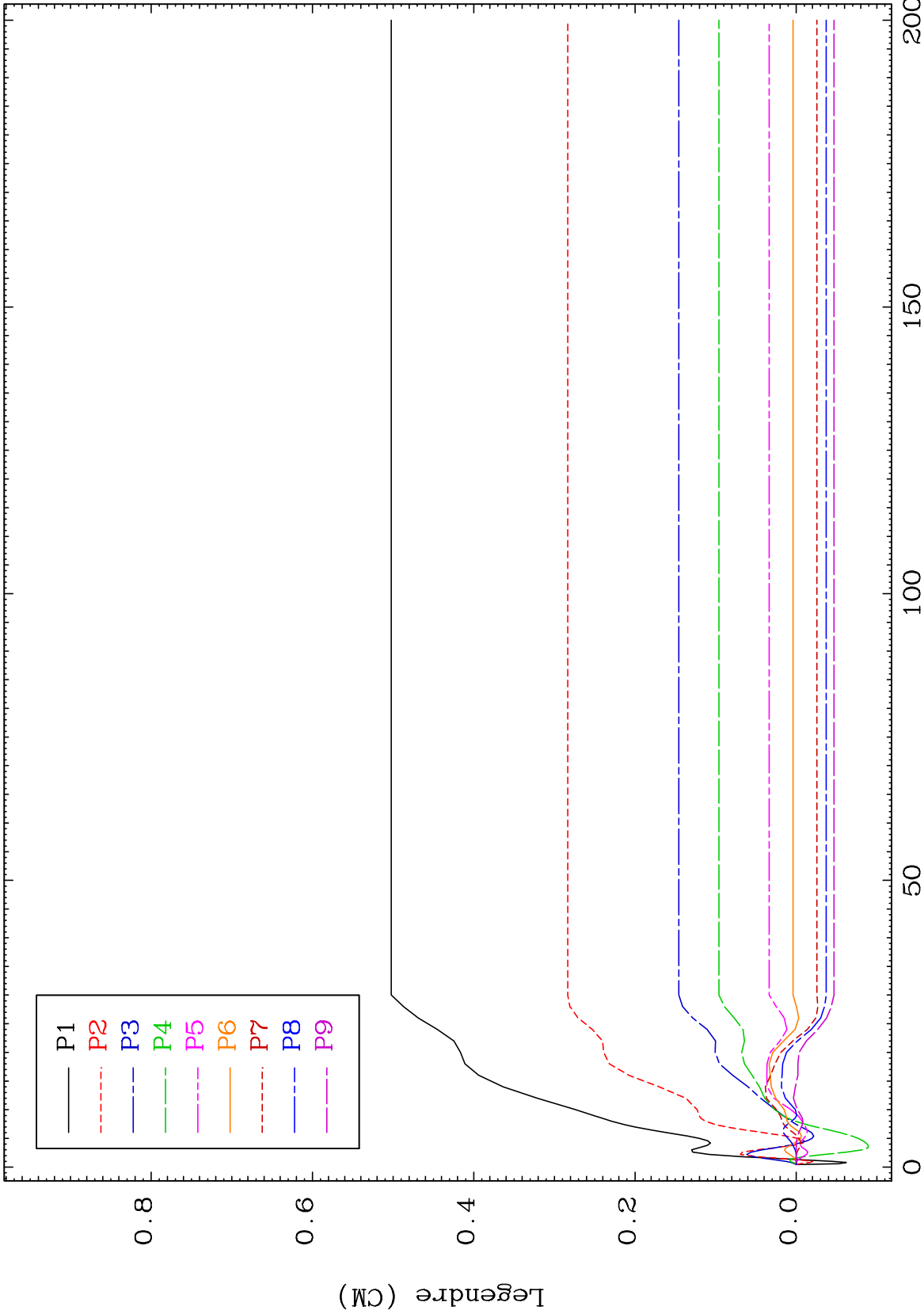


48 50 100 150 200 55-Cs-126





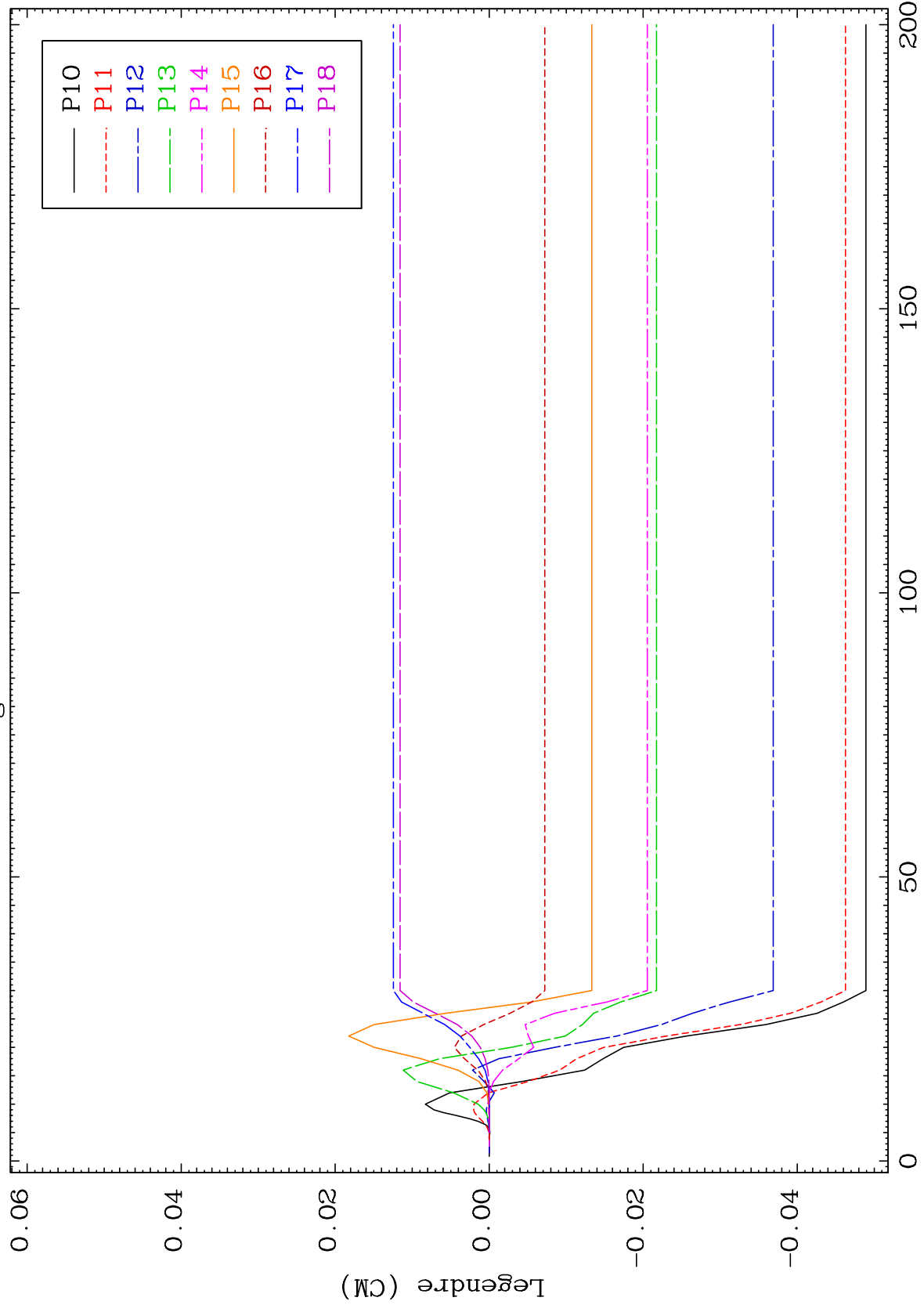




MAT 5504

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

55-CS-126



54

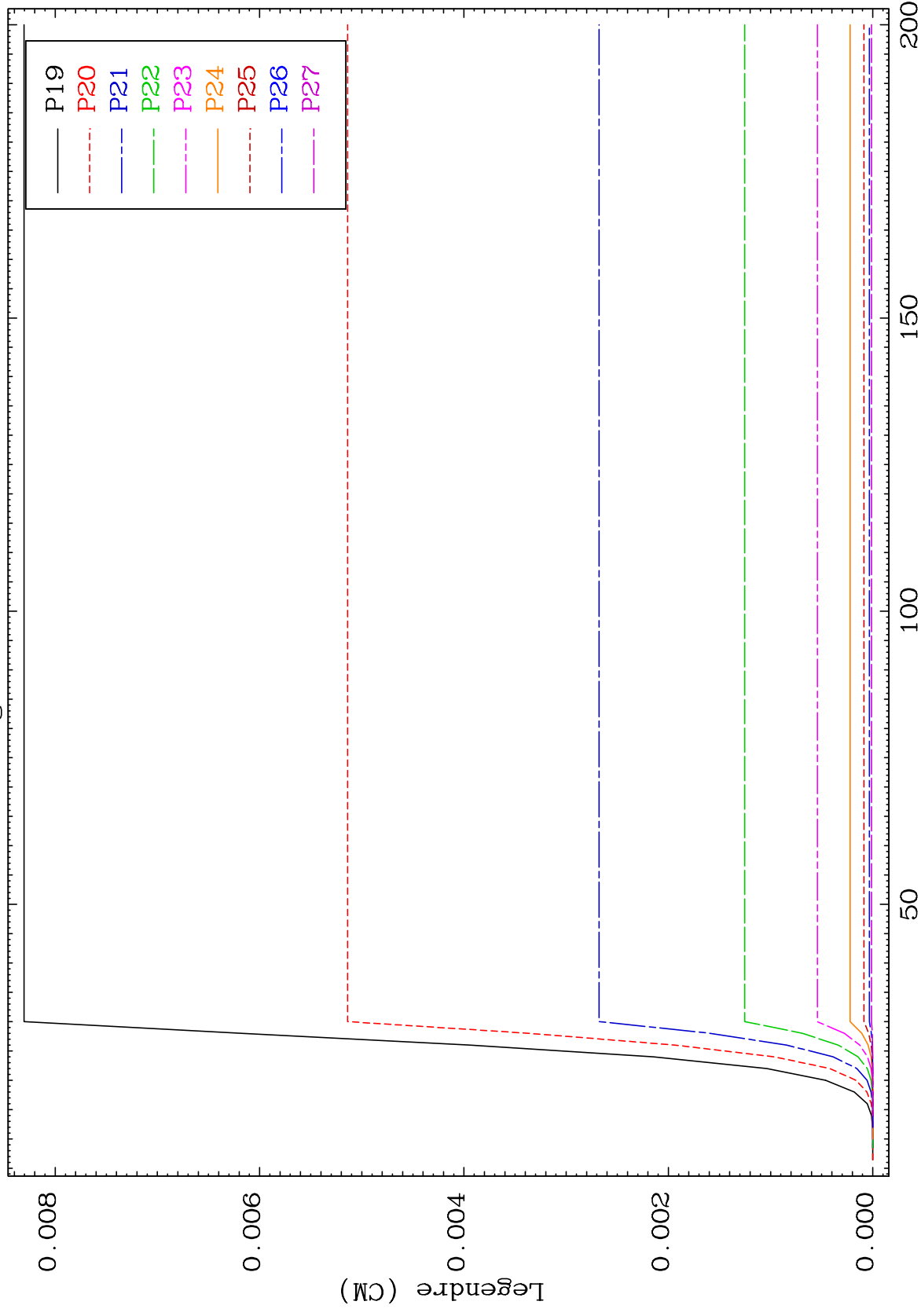
Incident Energy (MeV)

55-CS-126

MAT 5504

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

55-CS-126



55

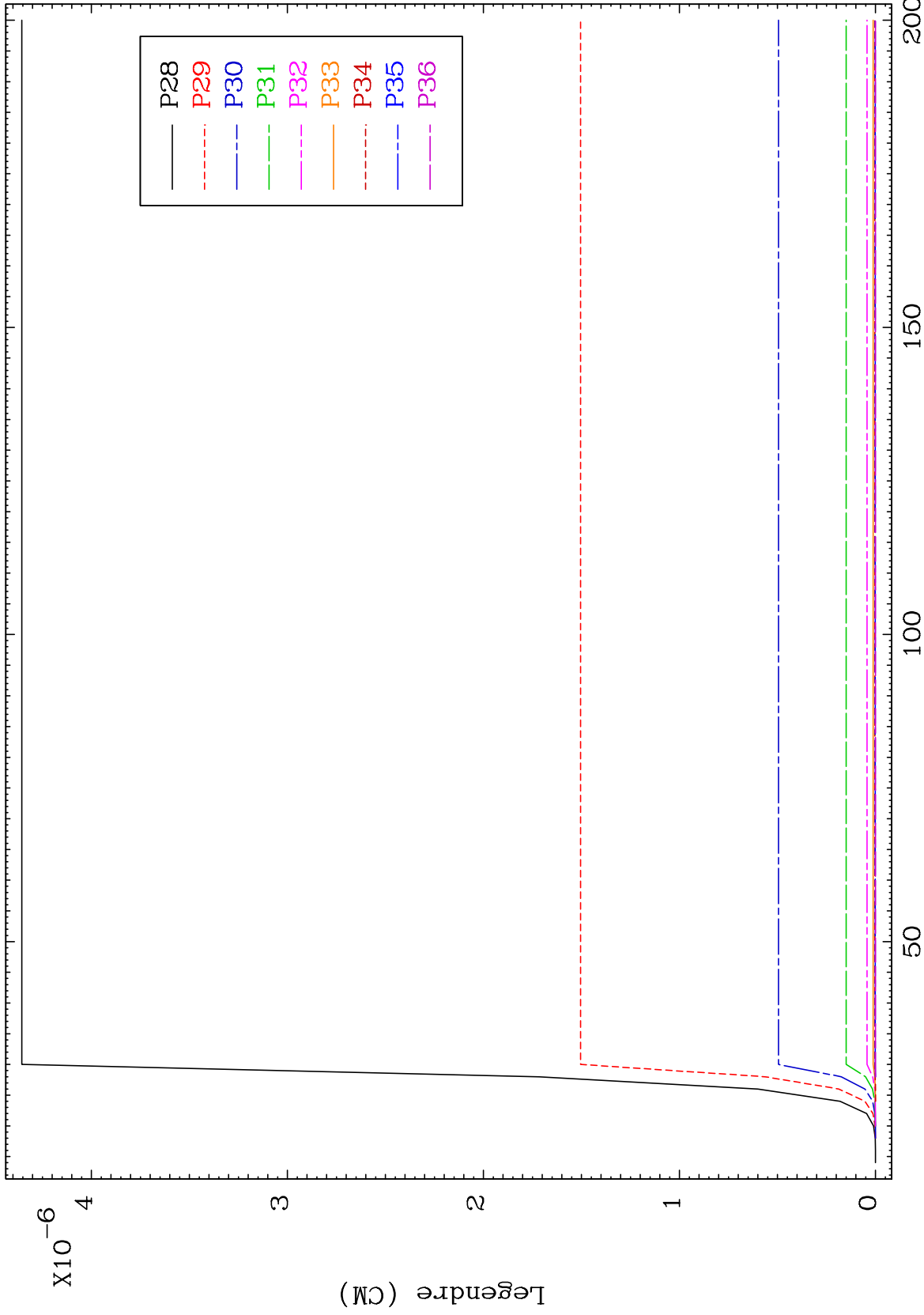
Incident Energy (MeV)

55-CS-126

MAT 5504

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

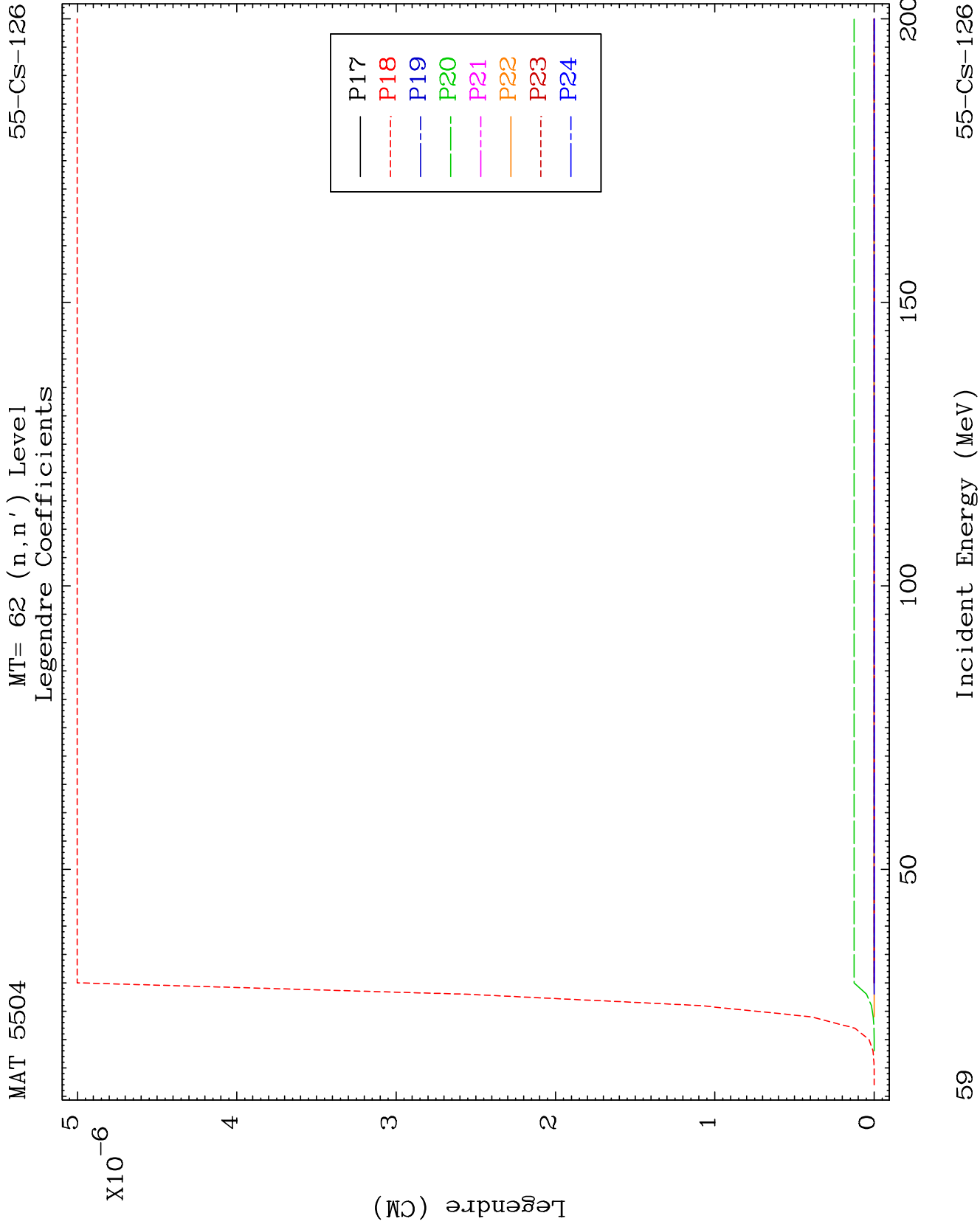
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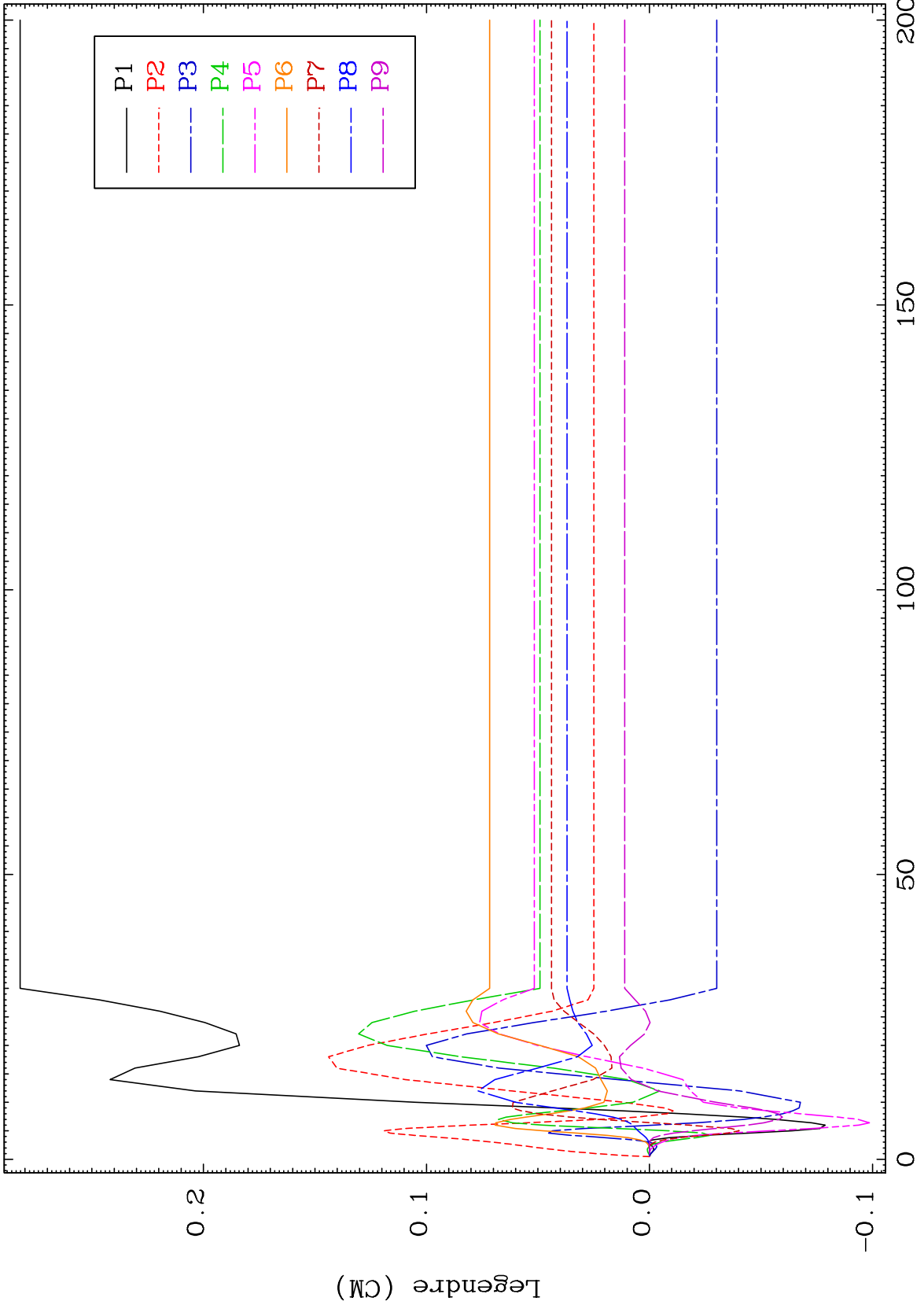
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Incident Energy (MeV)

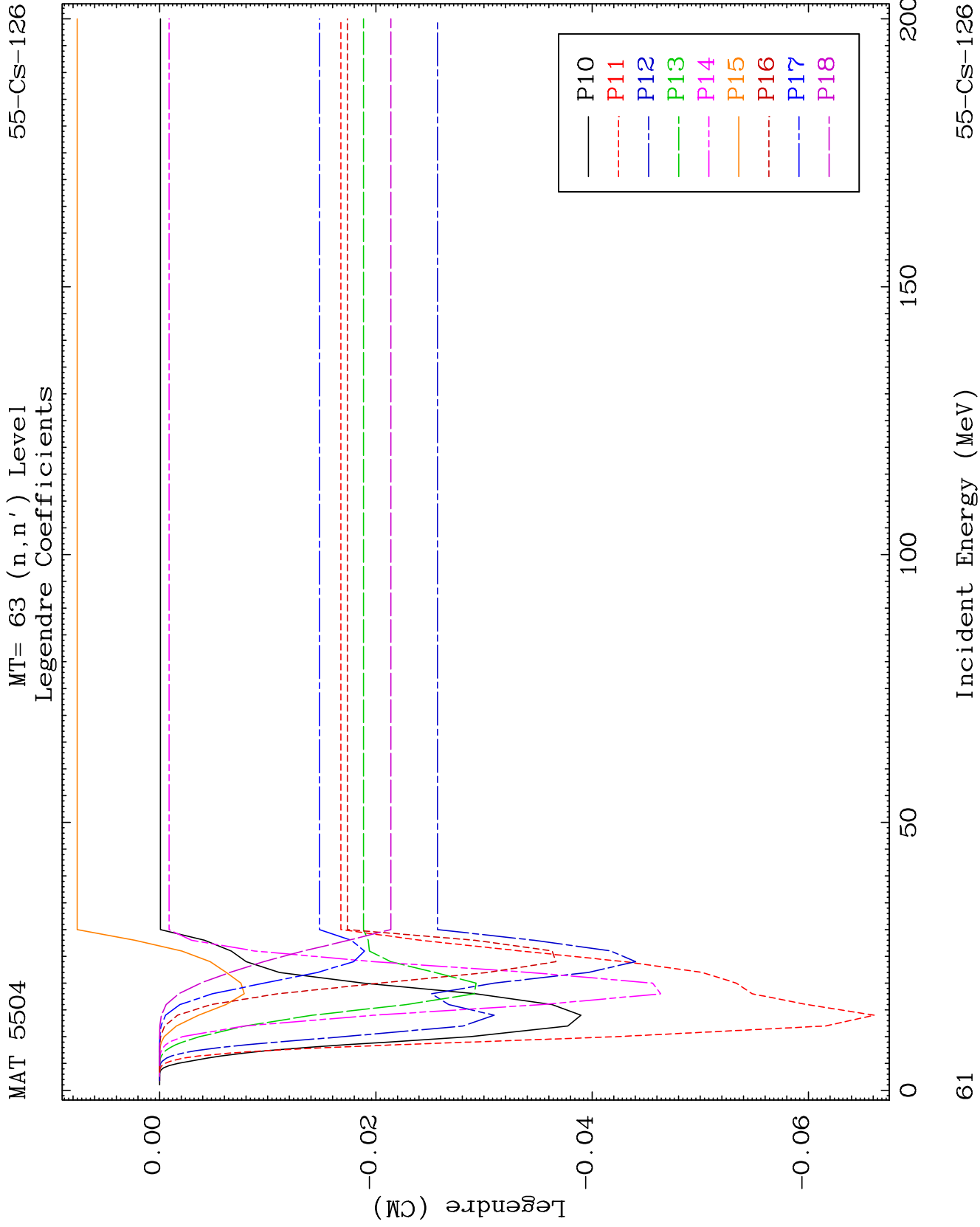
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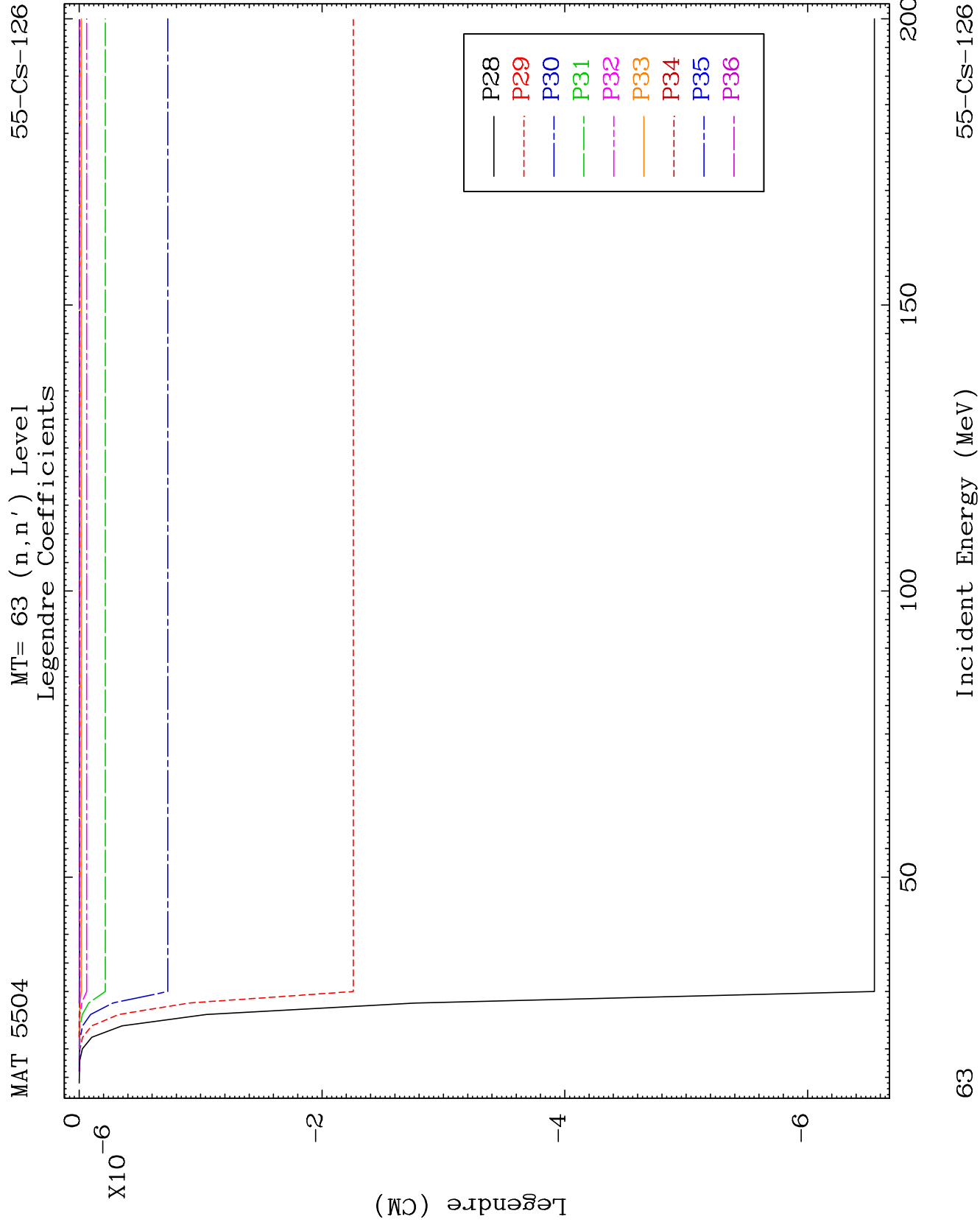


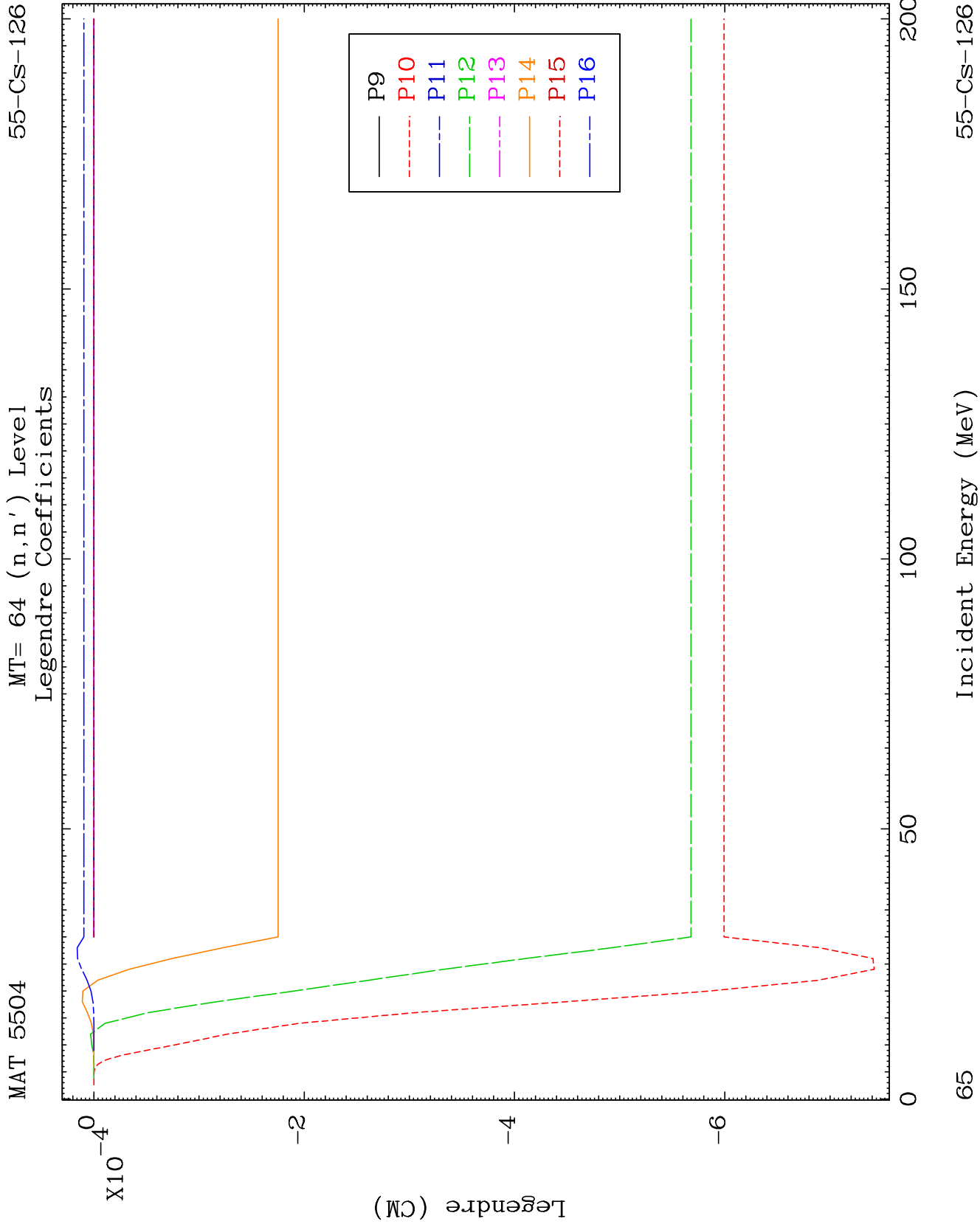
MAT 5504 MT= 63 (n,n') Level 55-Cs-126
Legendre Coefficients



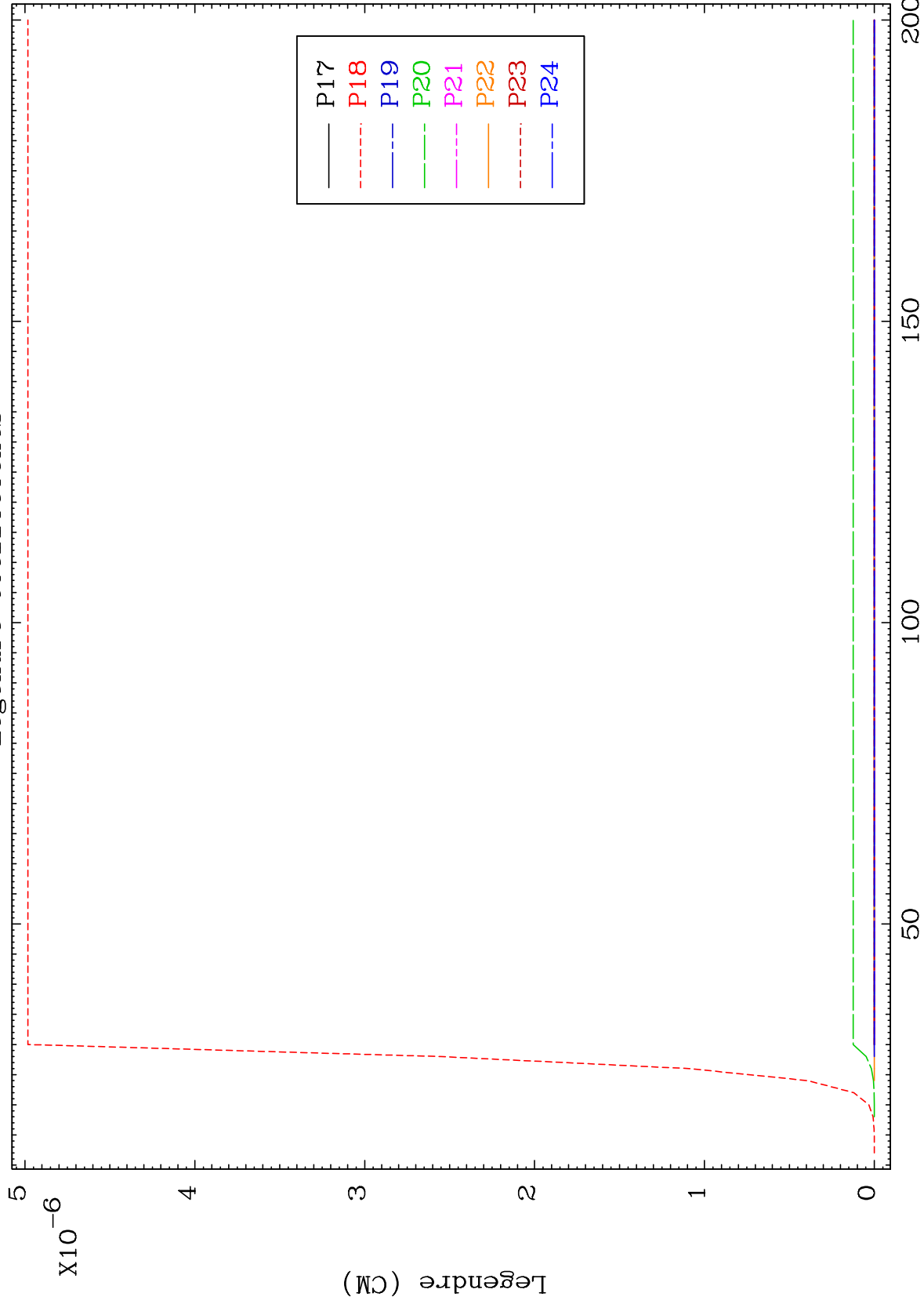
60 55-Cs-126







MAT 5504 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-126



66

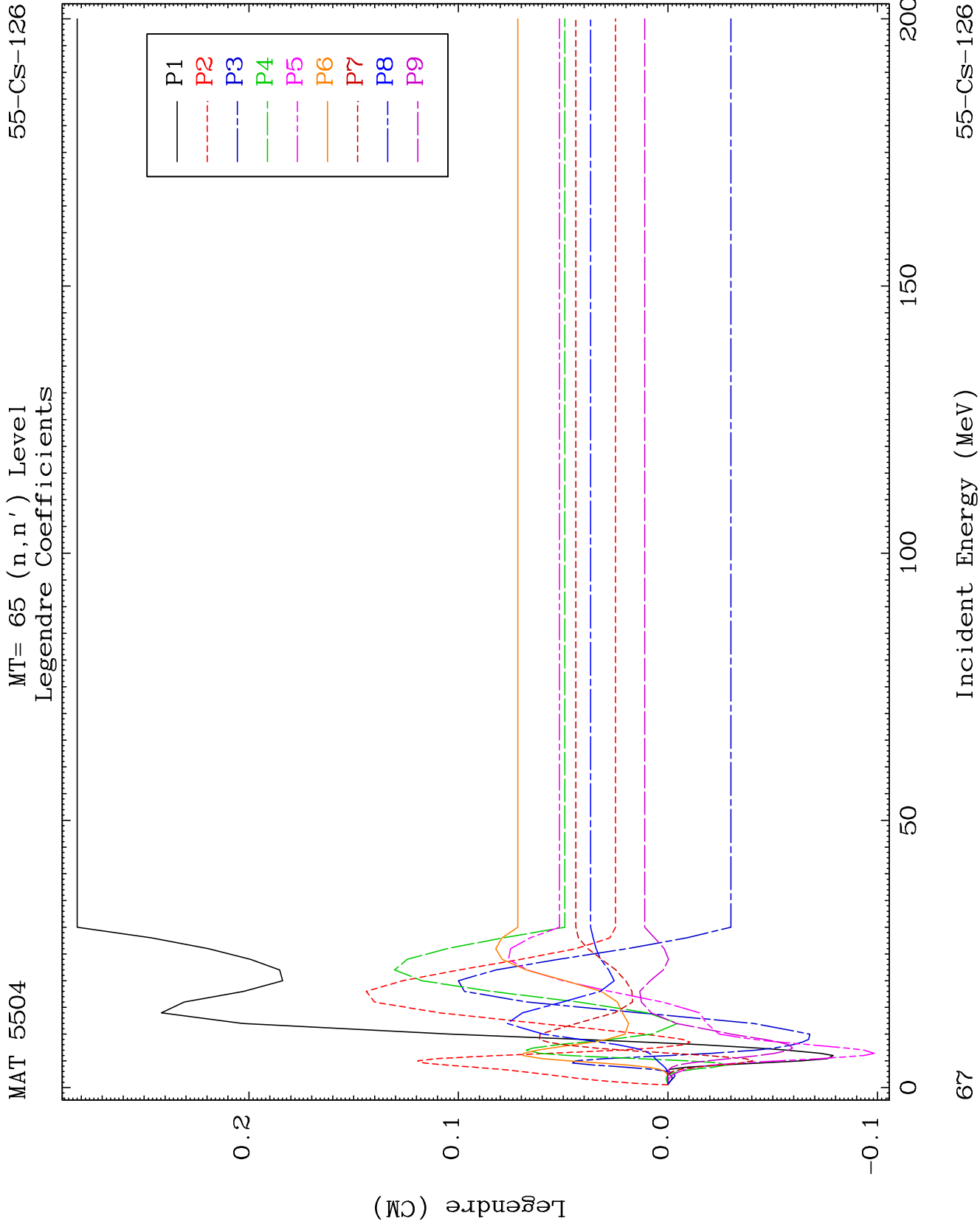
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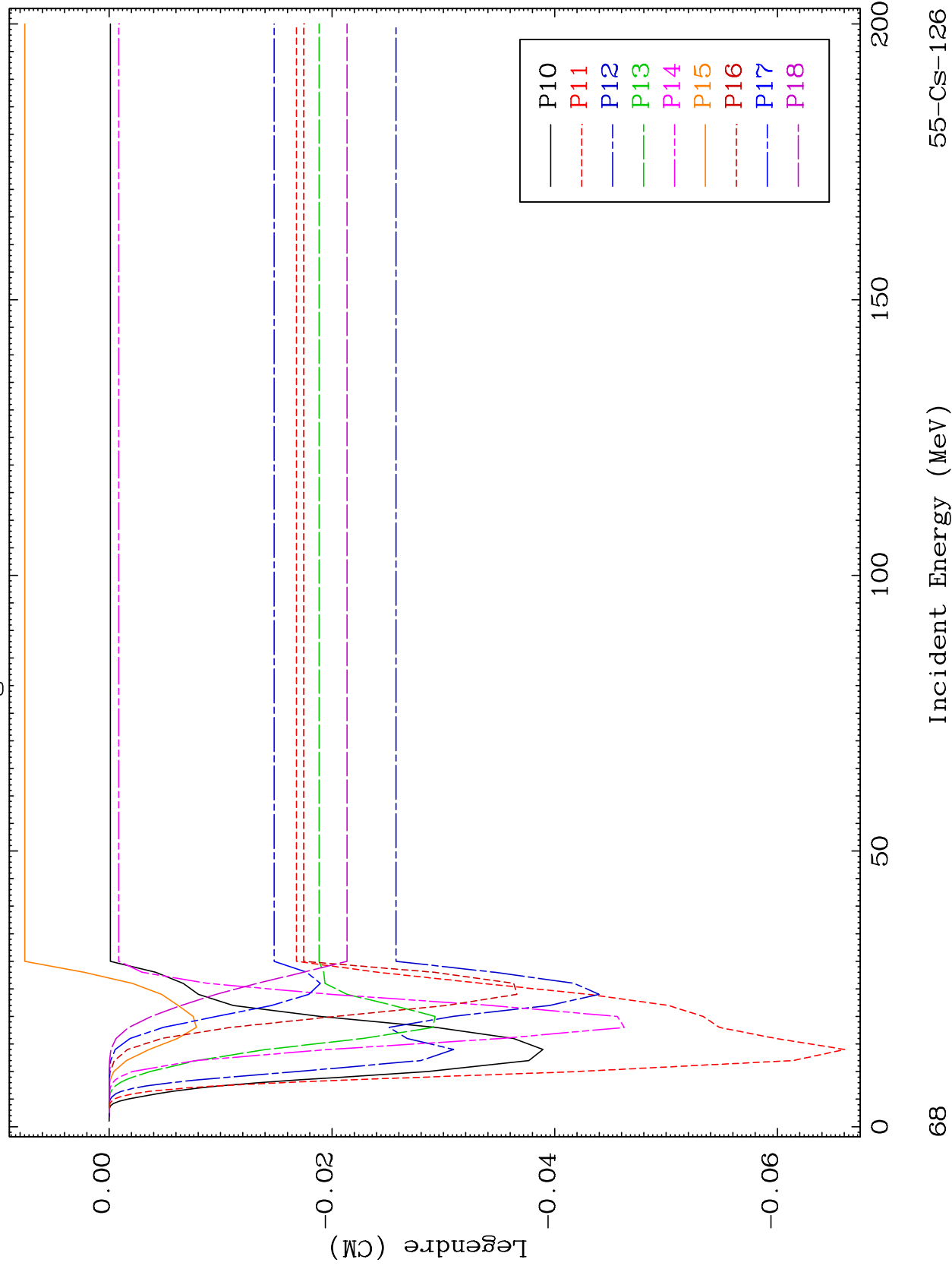
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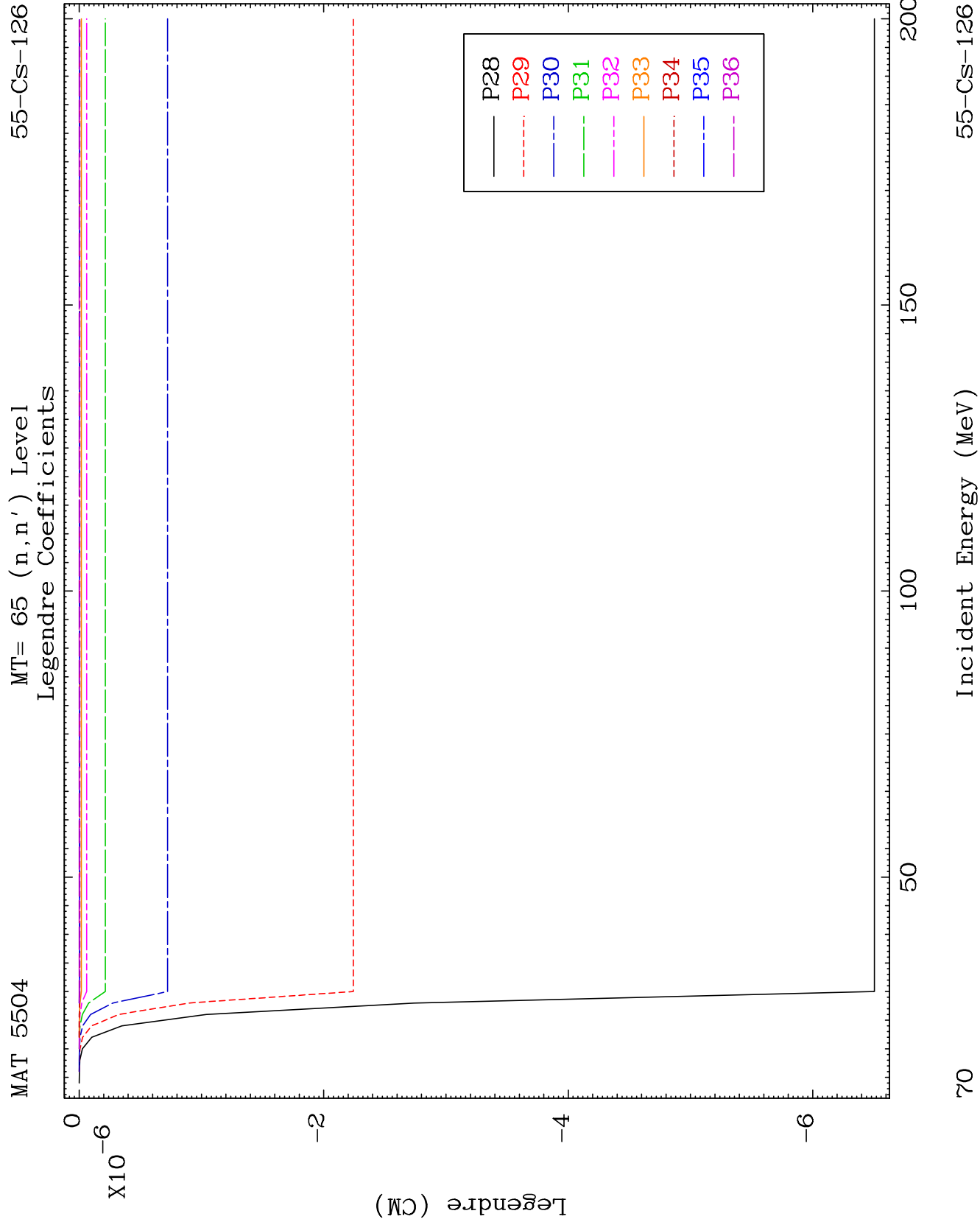


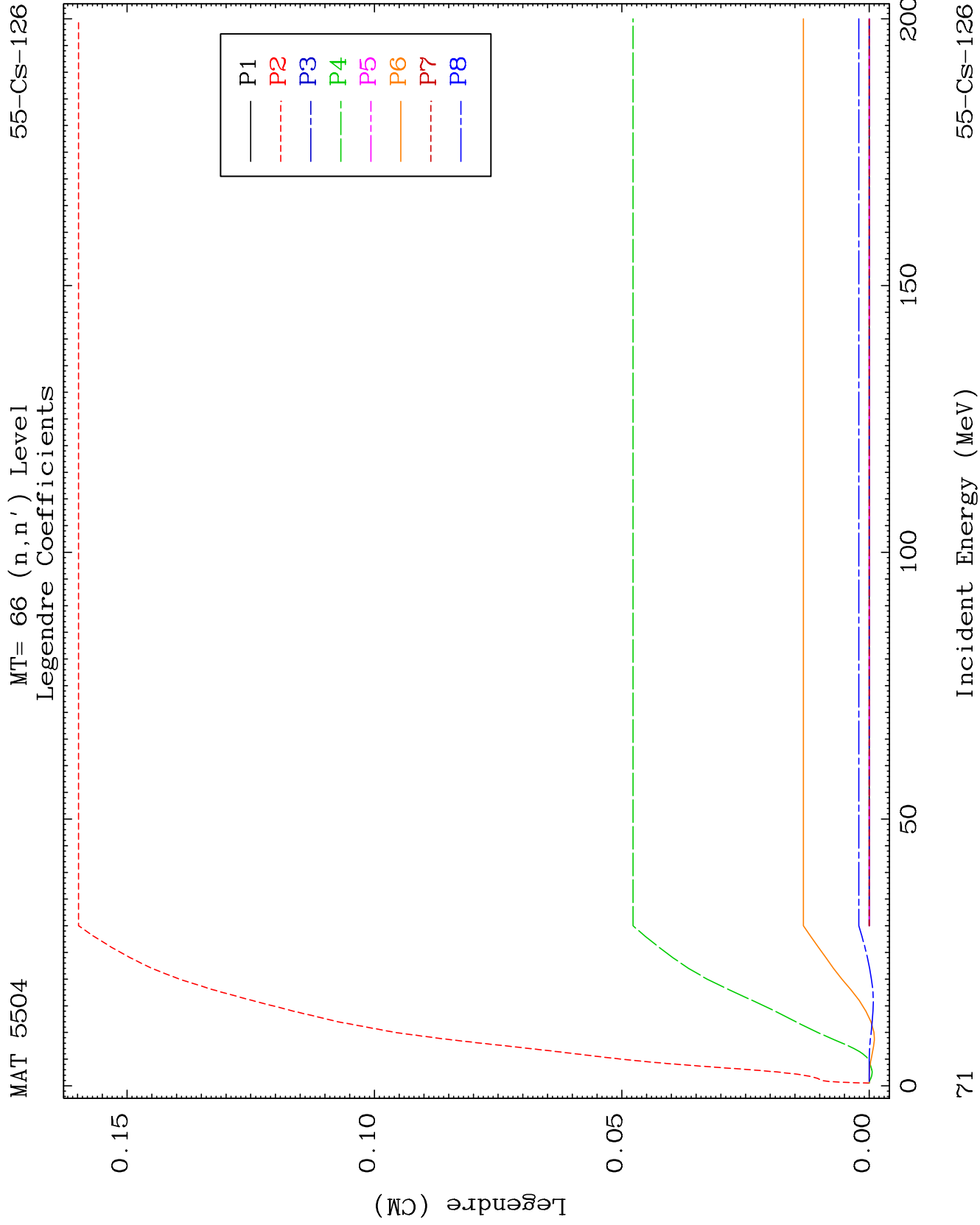
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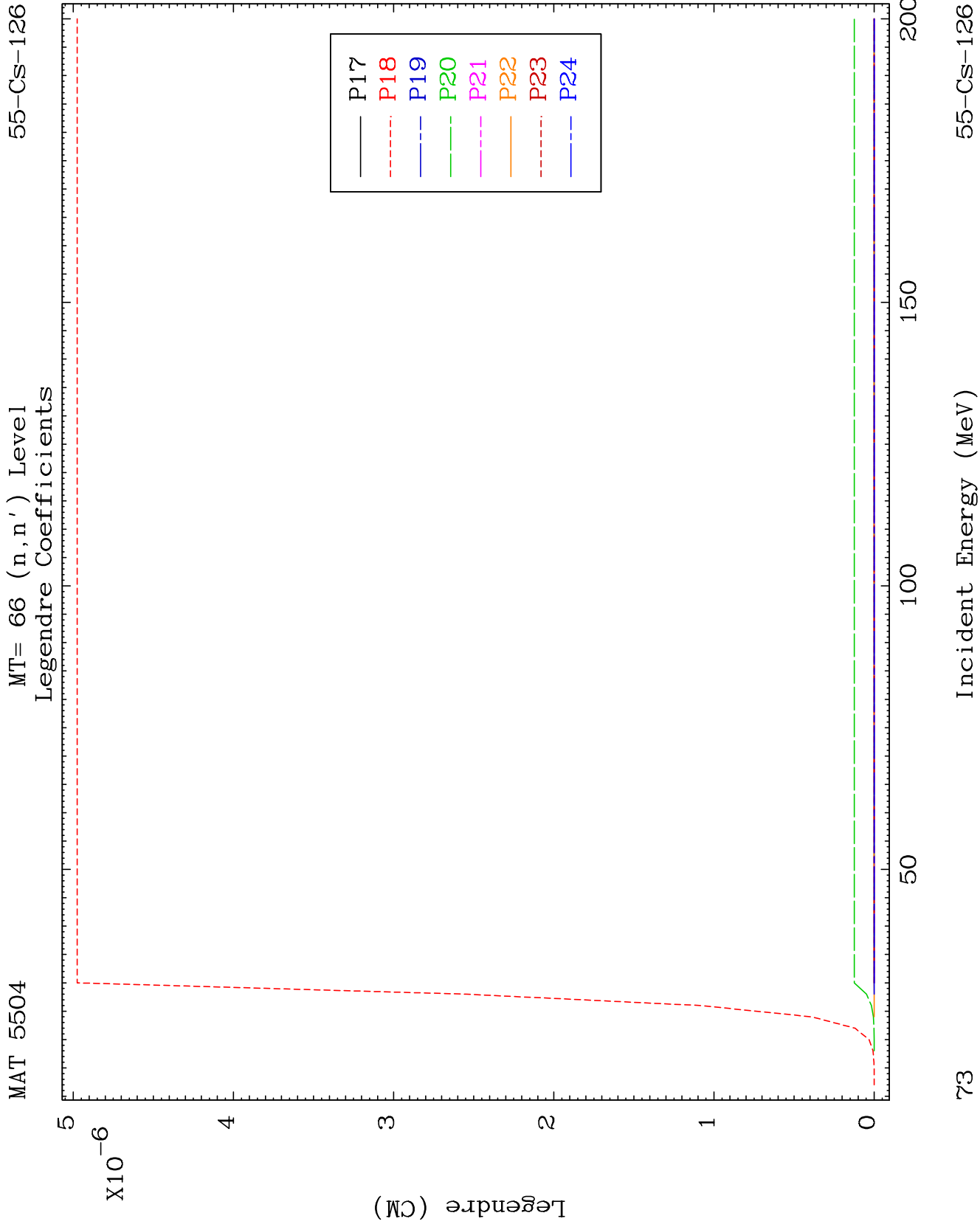
MT= 65 (n, n') Level
Legendre Coefficients

55-CS-126





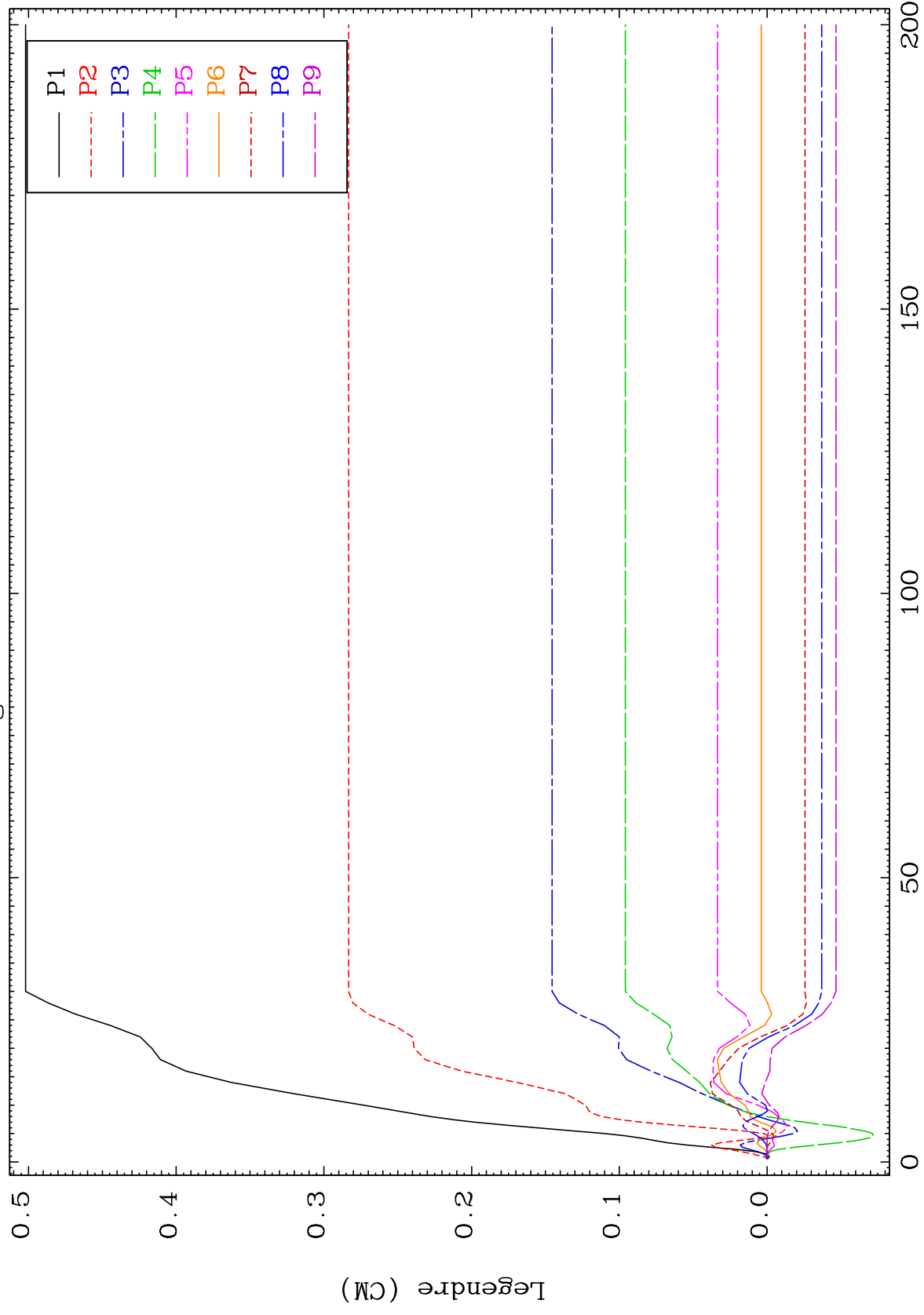




MAT 5504

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

55-CS-126



42

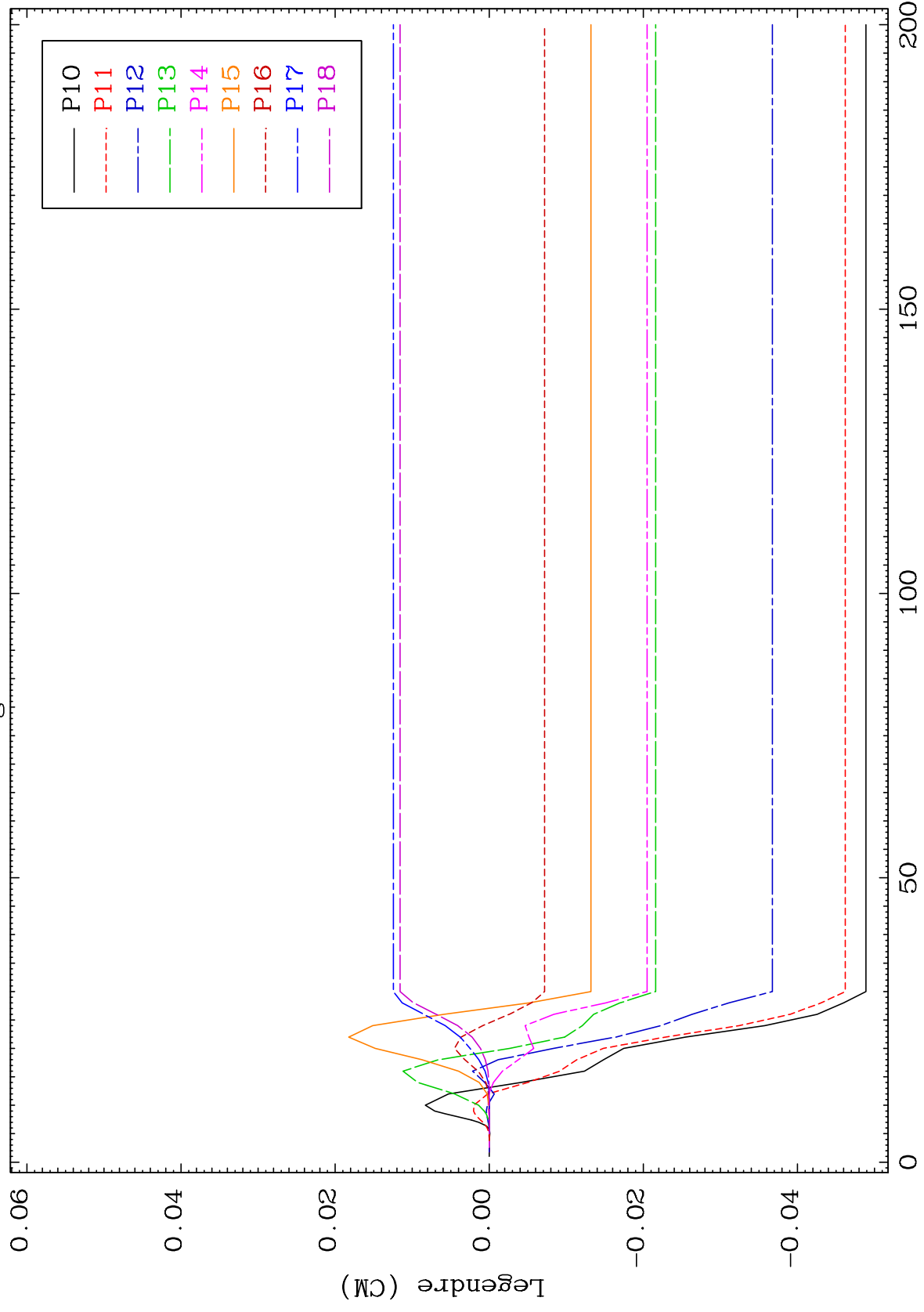
Incident Energy (MeV)

55-CS-126

MAT 5504

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

55-CS-126



52

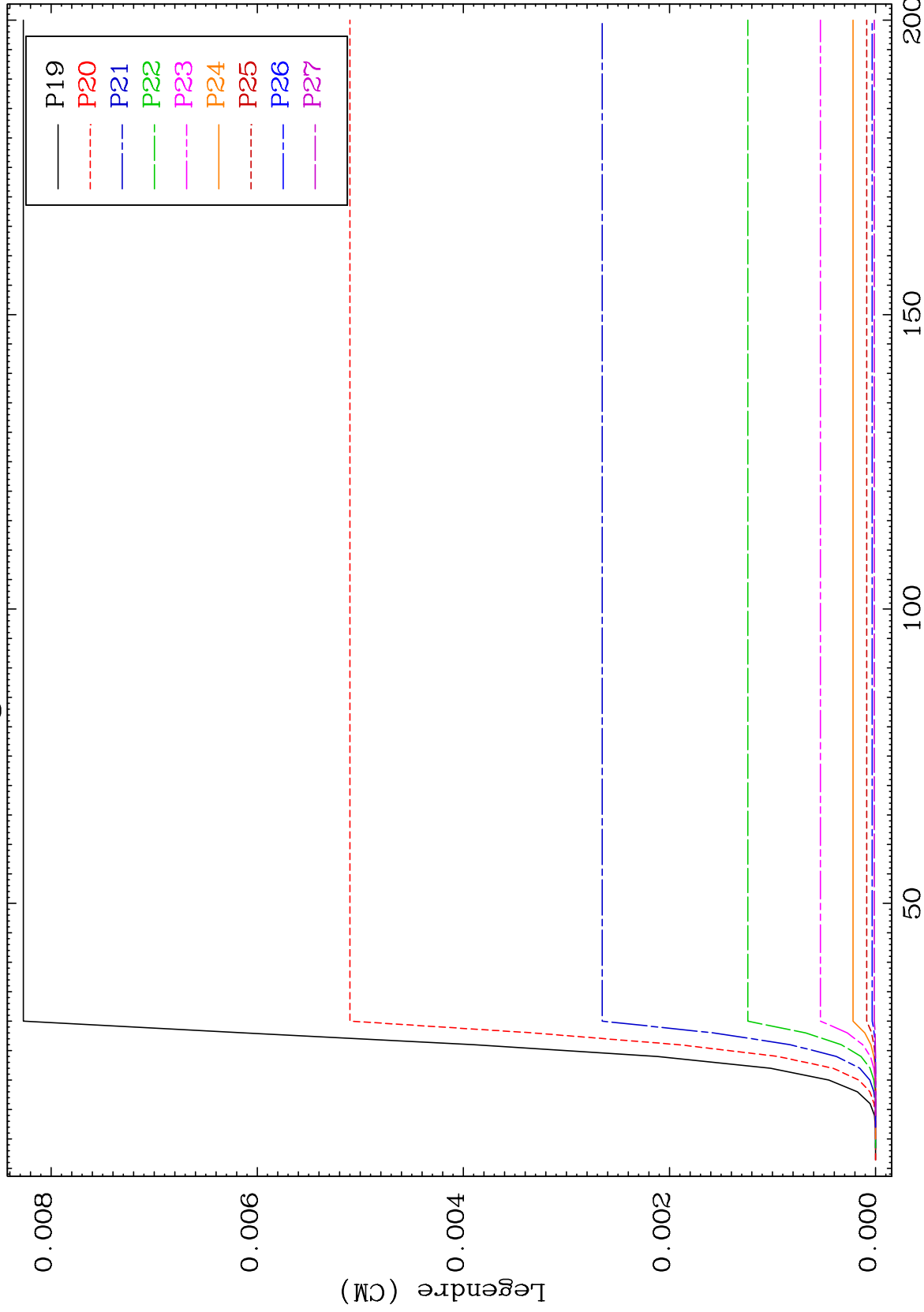
Incident Energy (MeV)

55-CS-126

MAT 5504

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

55-Cs-126



76

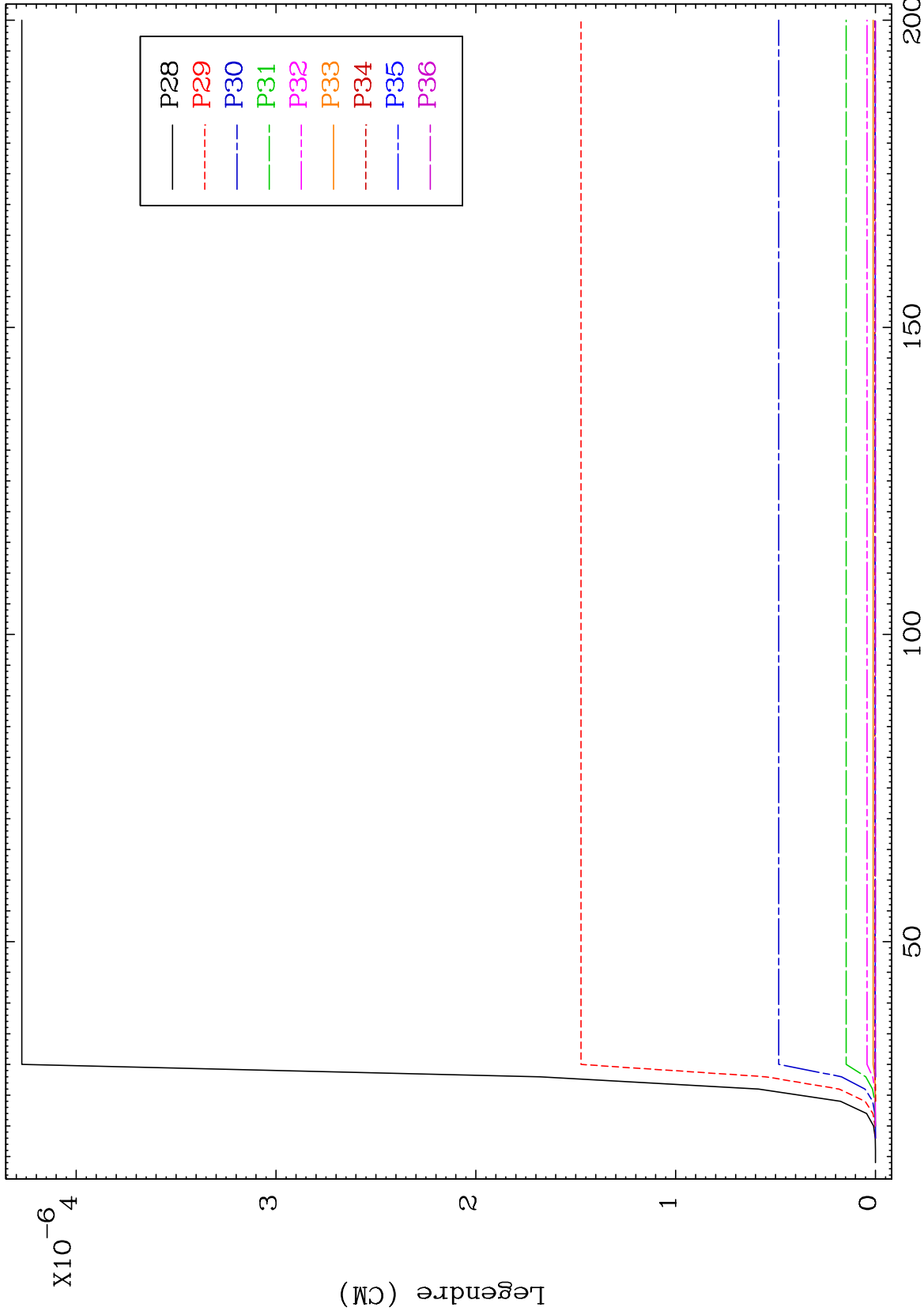
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

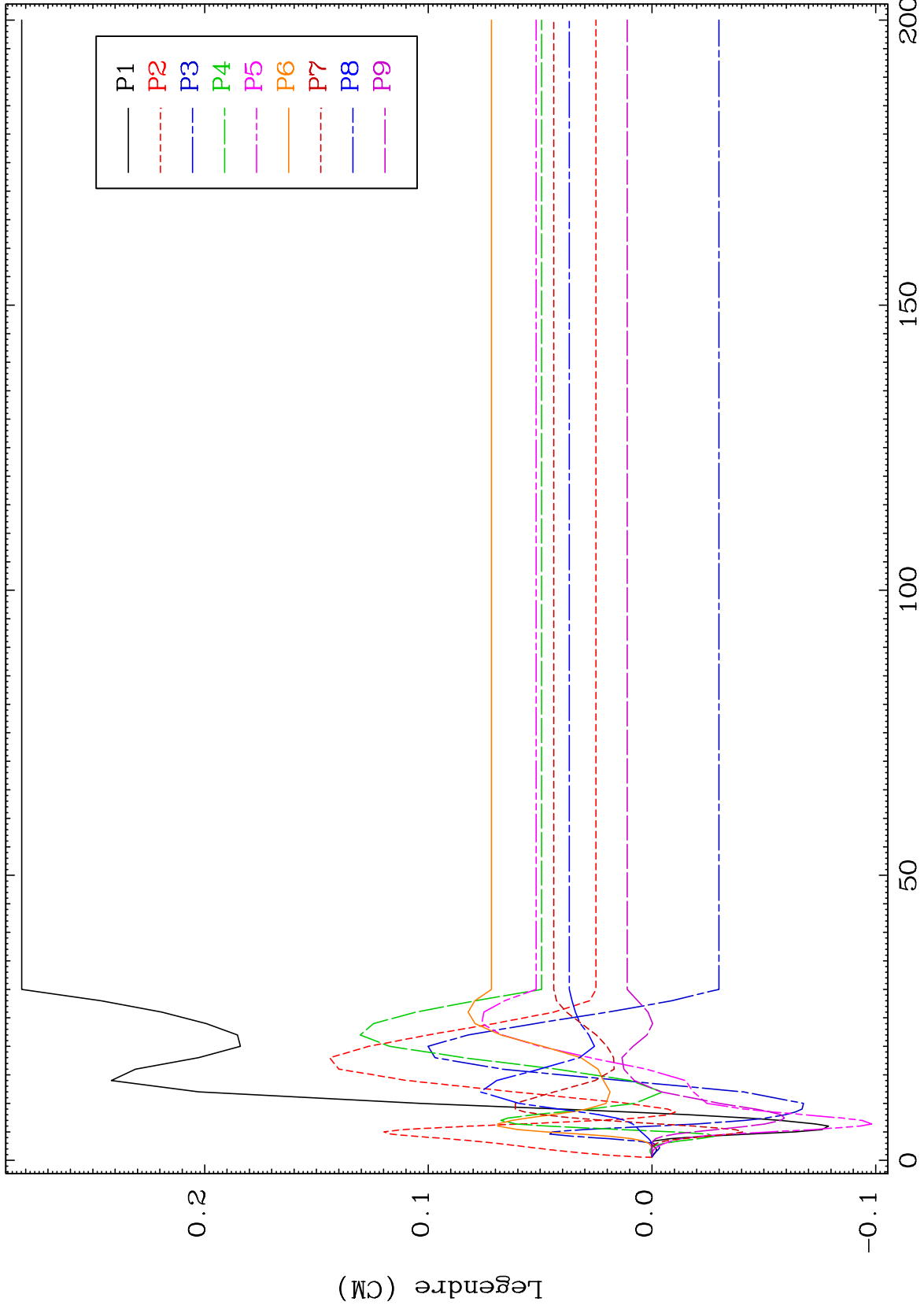
55-Cs-126



77

Incident Energy (MeV)

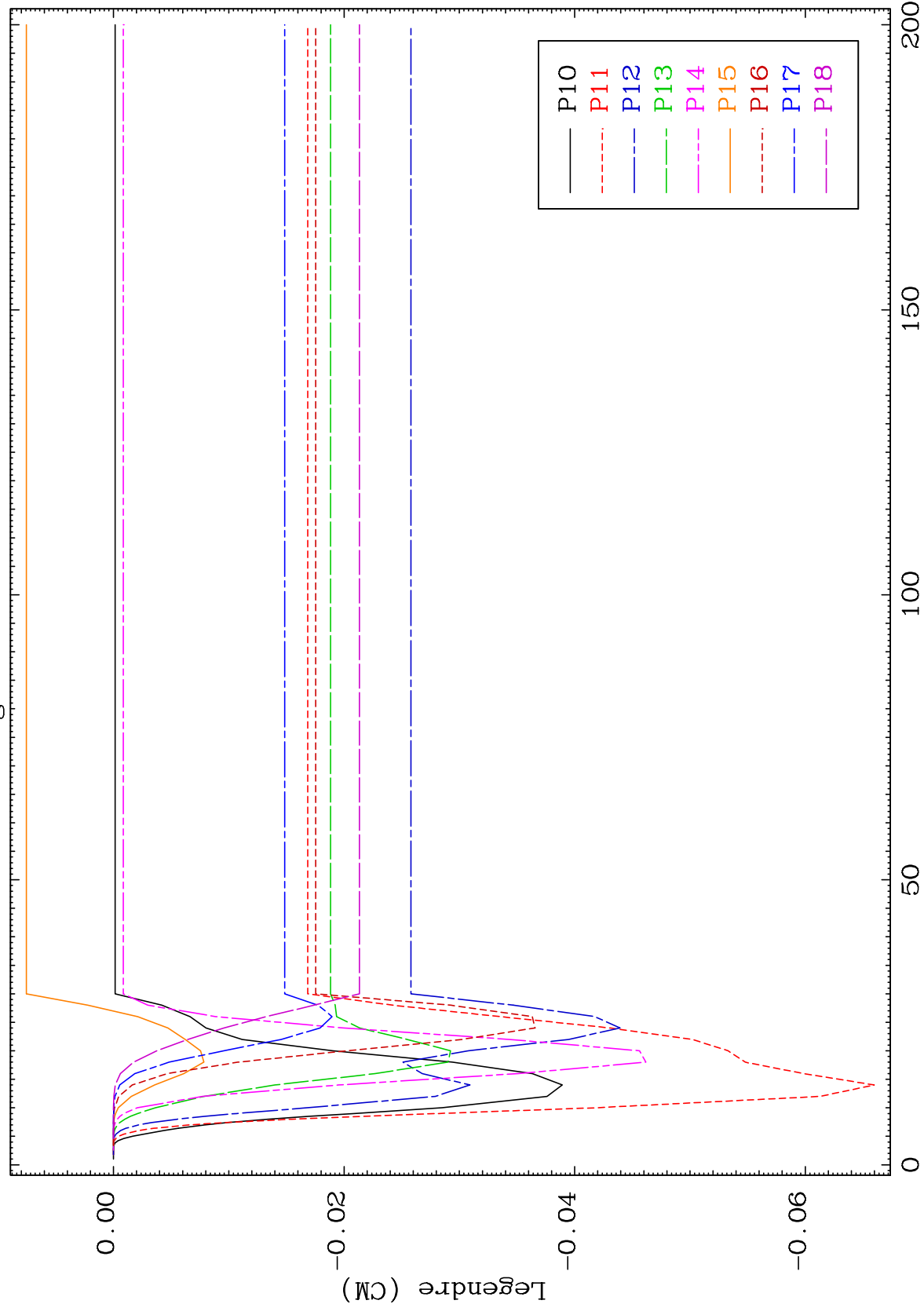
55-Cs-126



MAT 5504

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

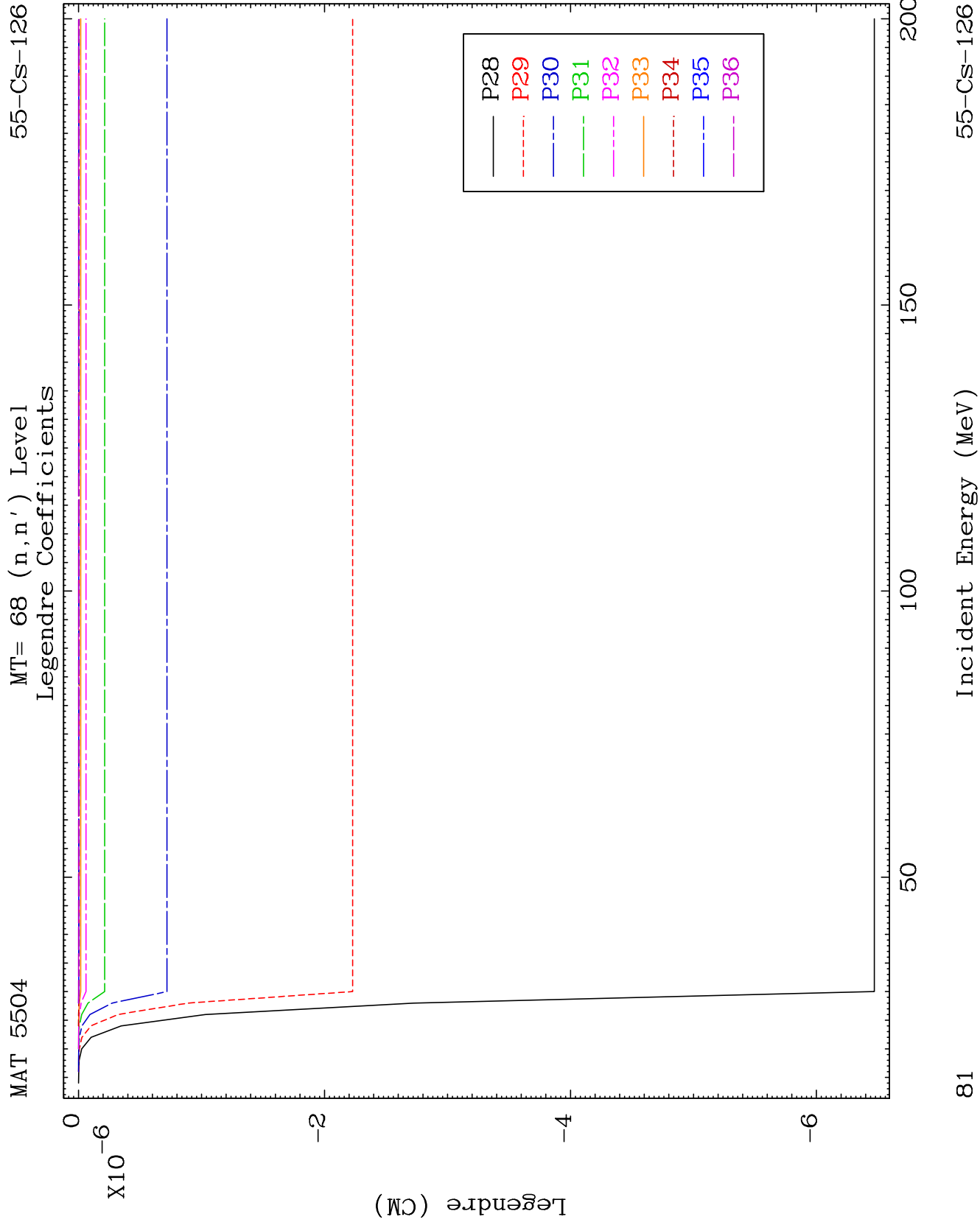
55-CS-126

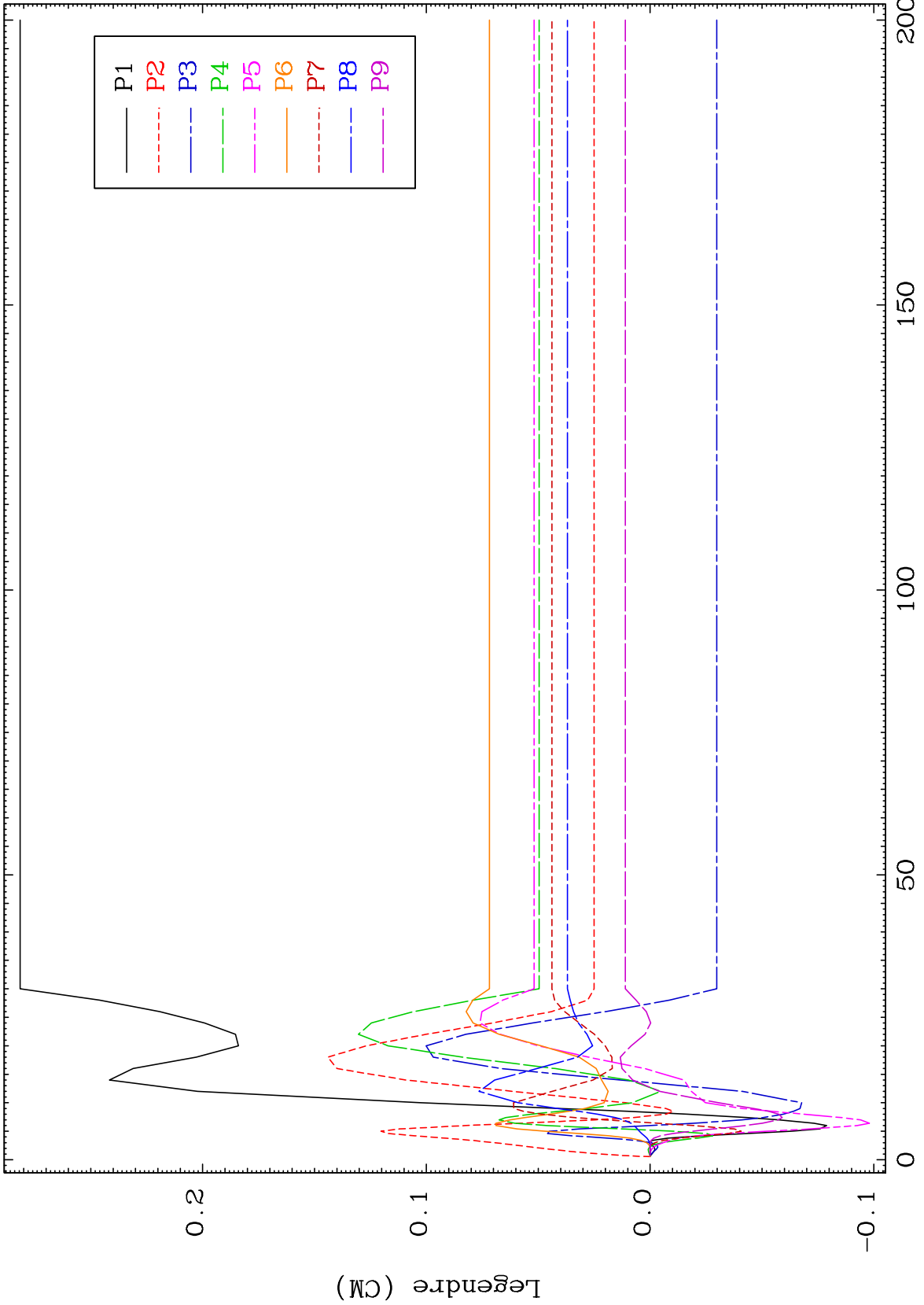


62

Incident Energy (MeV)

55-CS-126

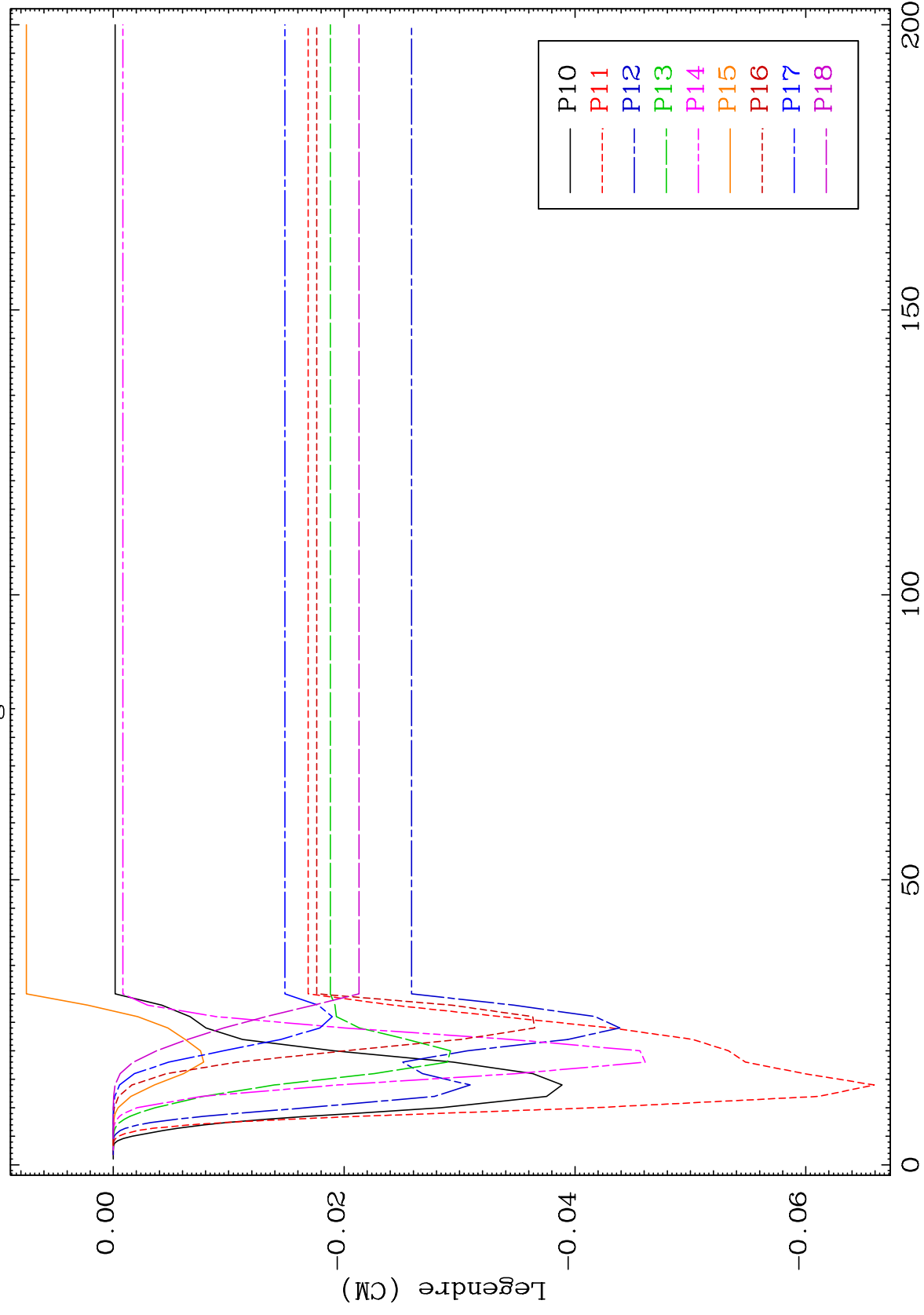




MAT 5504

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

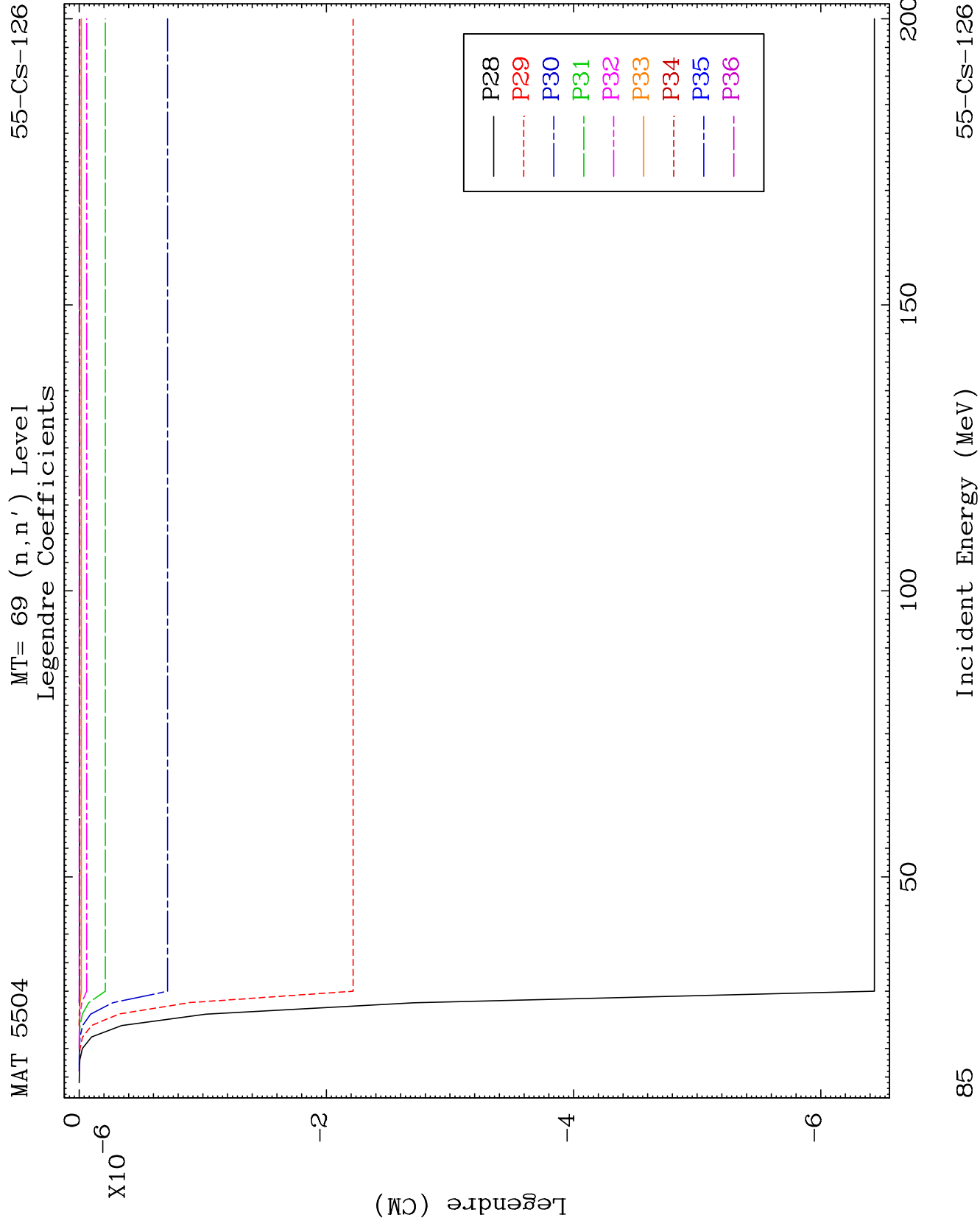
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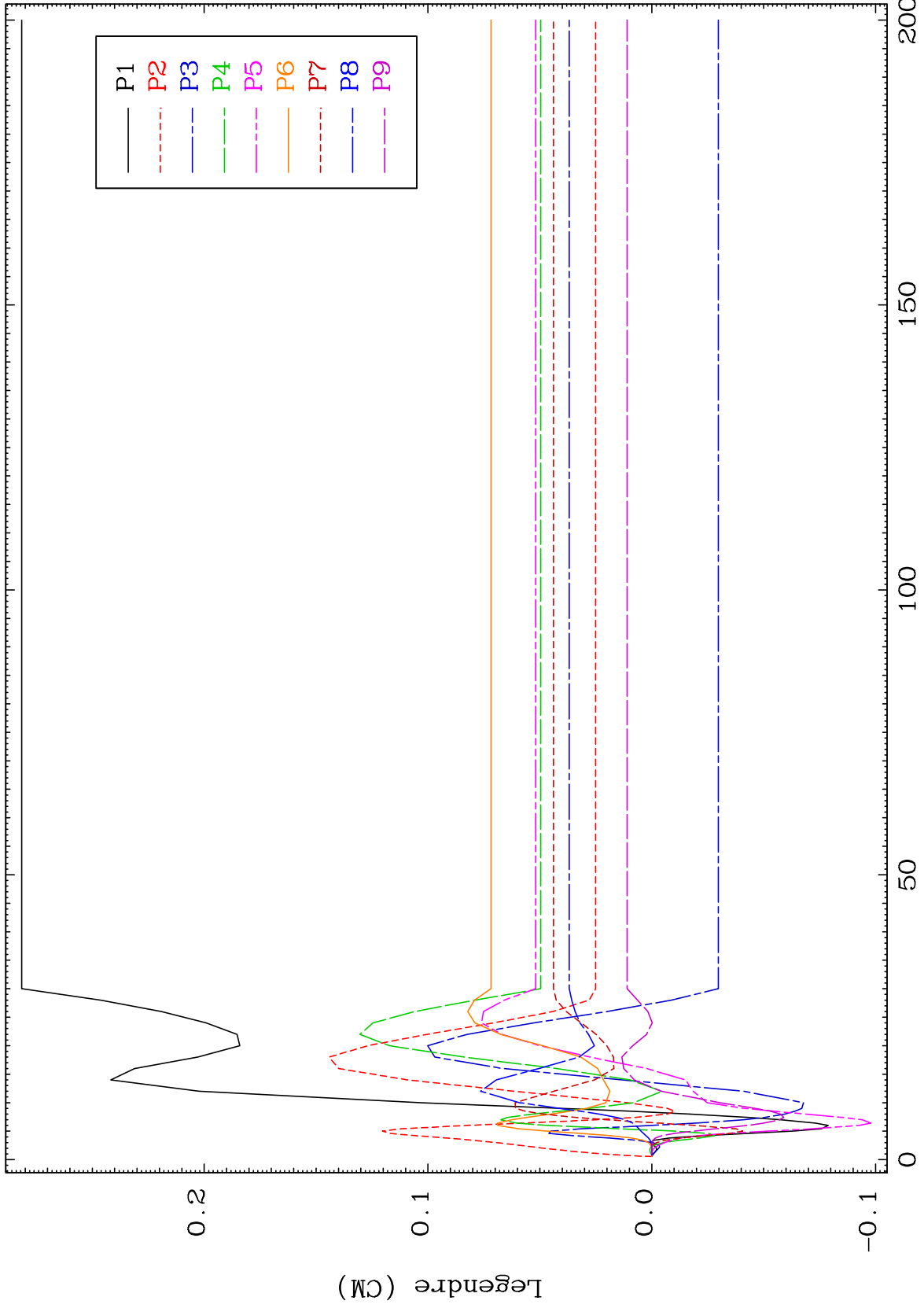


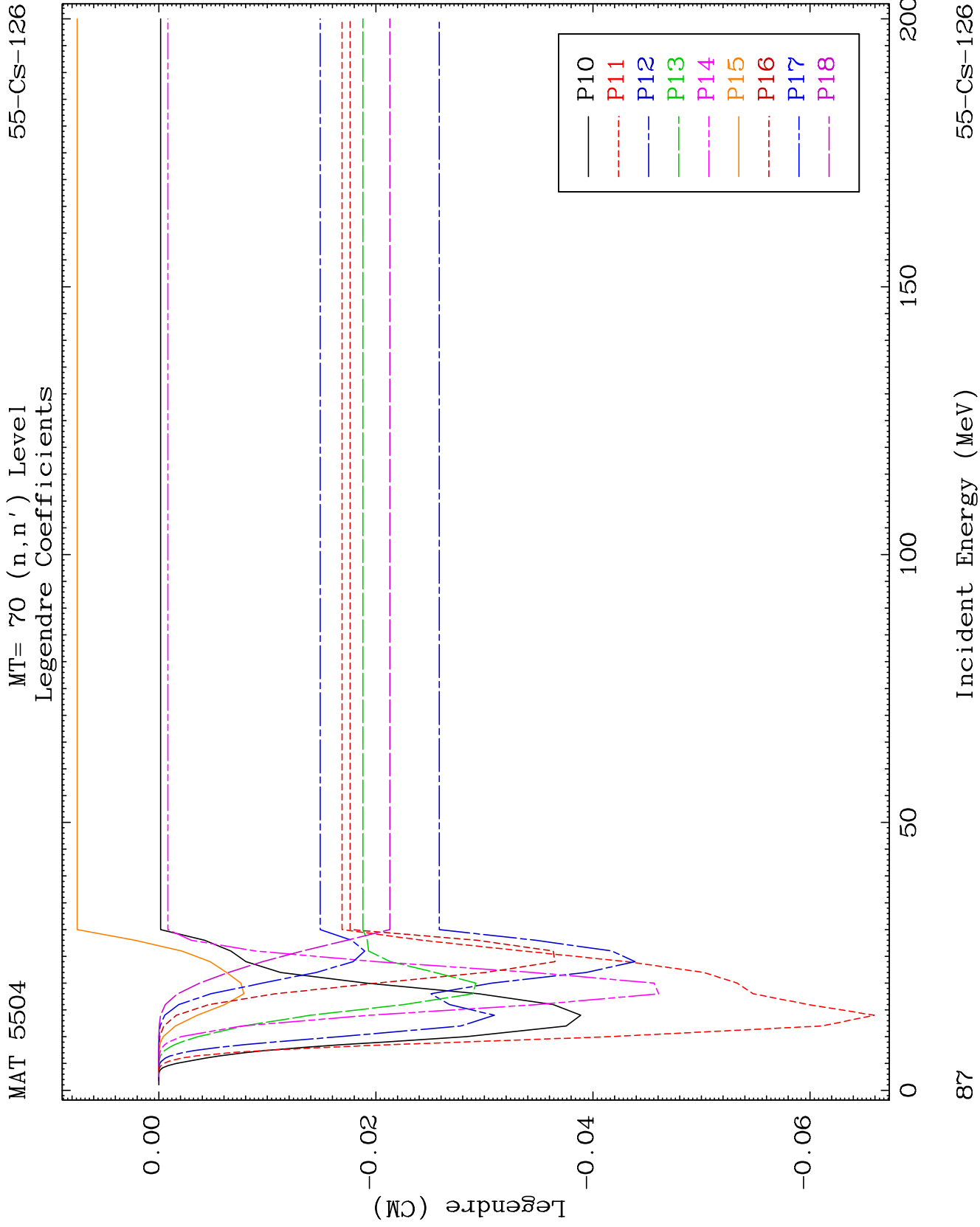
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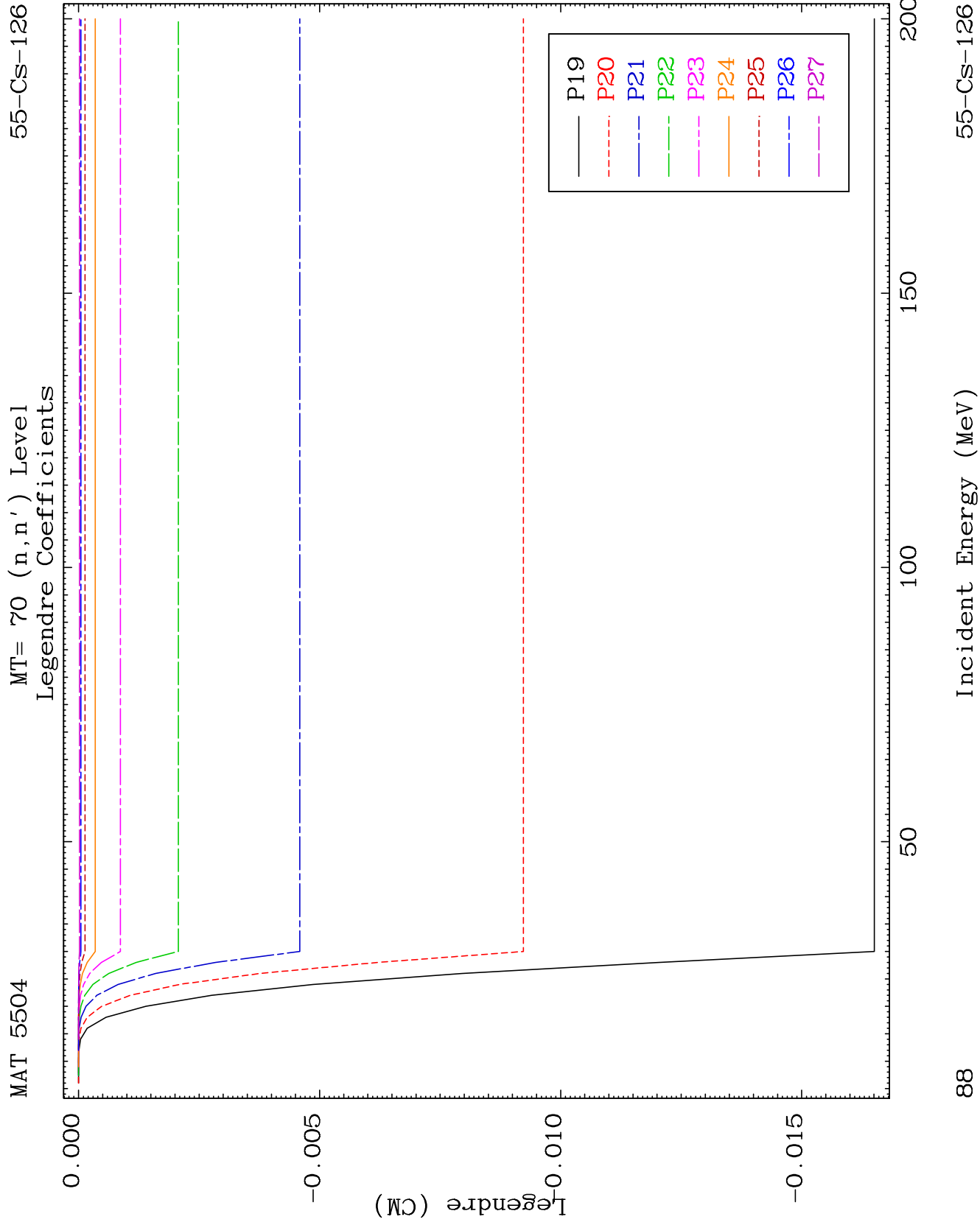
Incident Energy (MeV)

55-CS-126





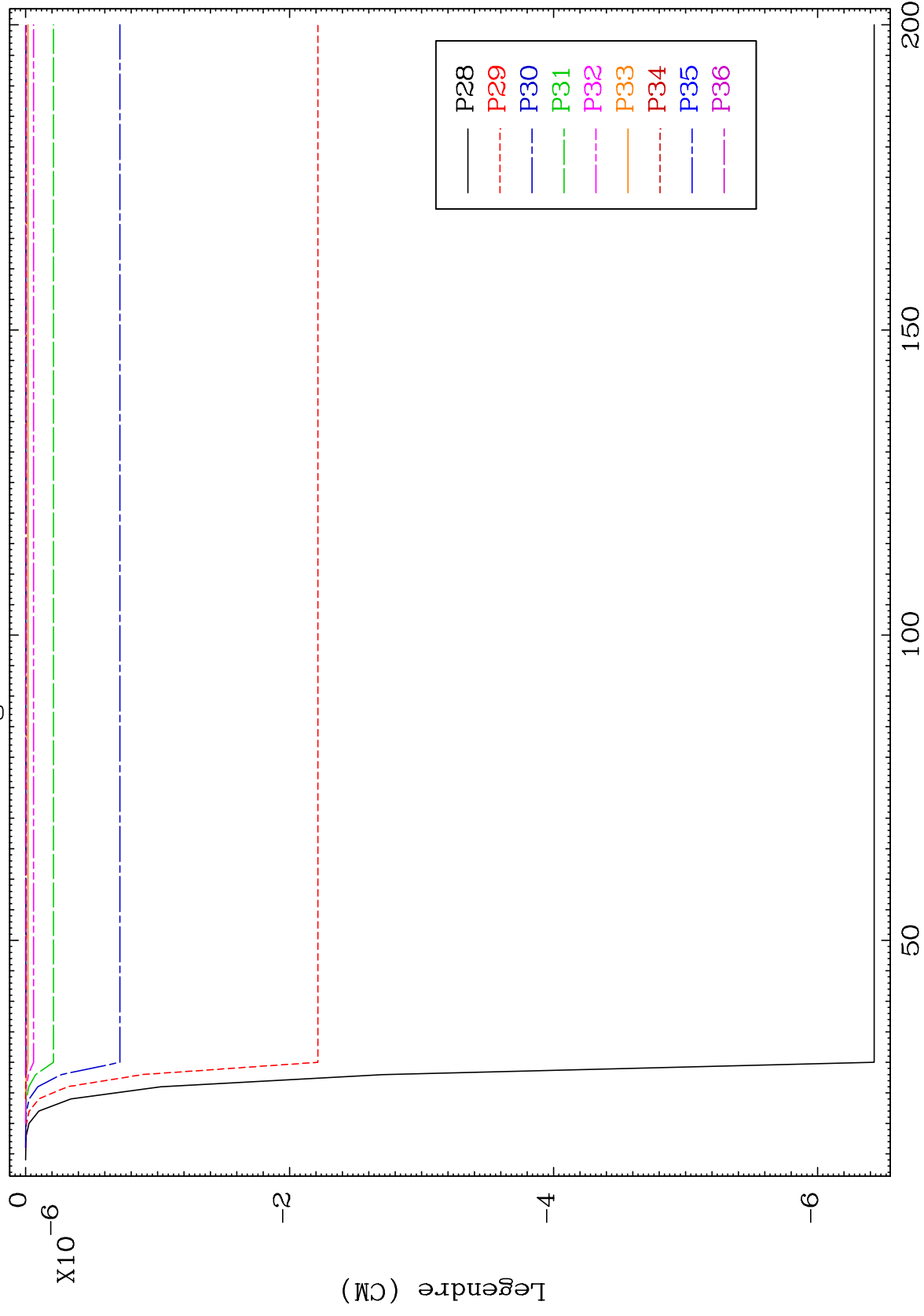




MAT 5504

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

55-CS-126



98

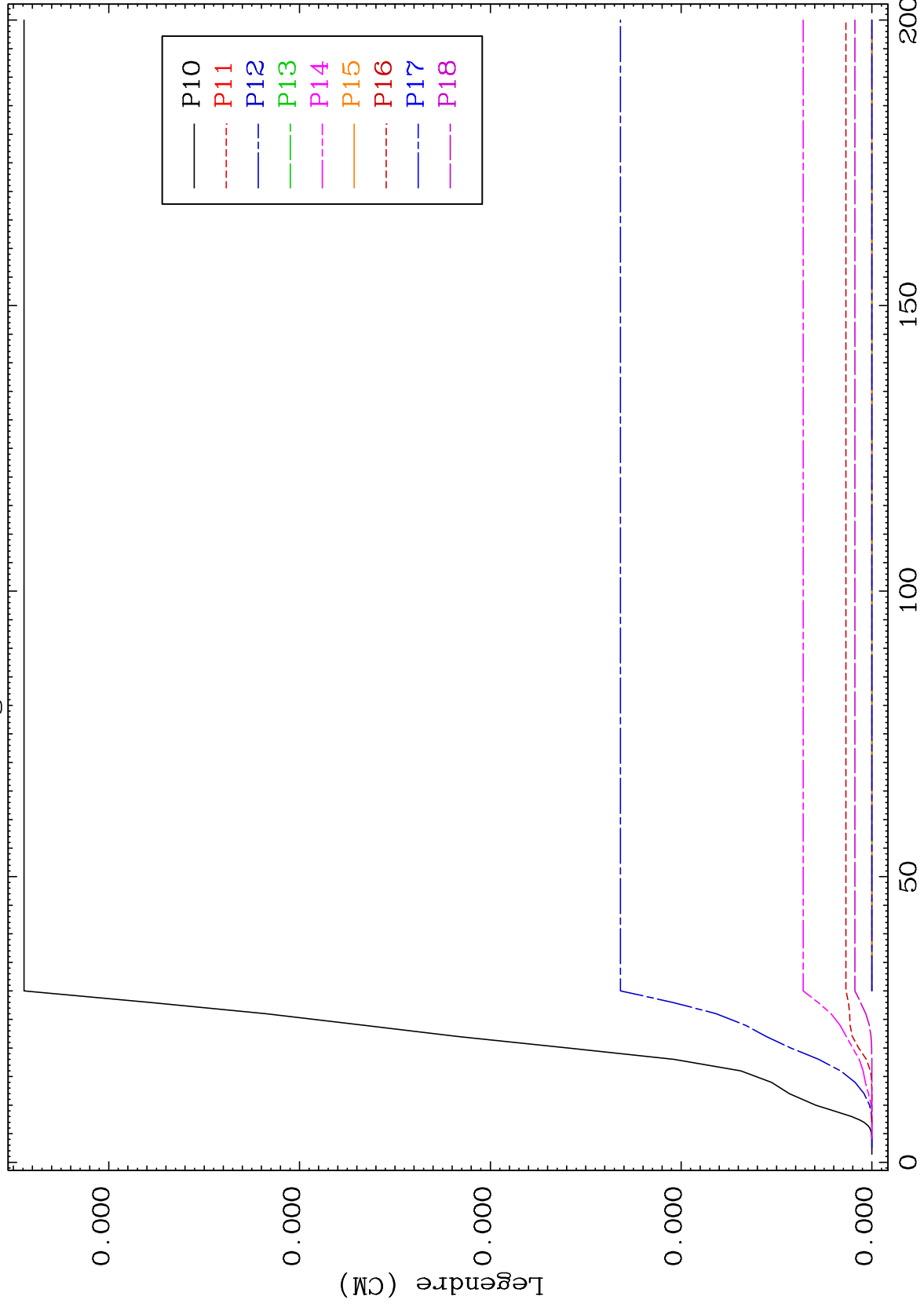
Incident Energy (MeV)

55-CS-126

MAT 5504

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

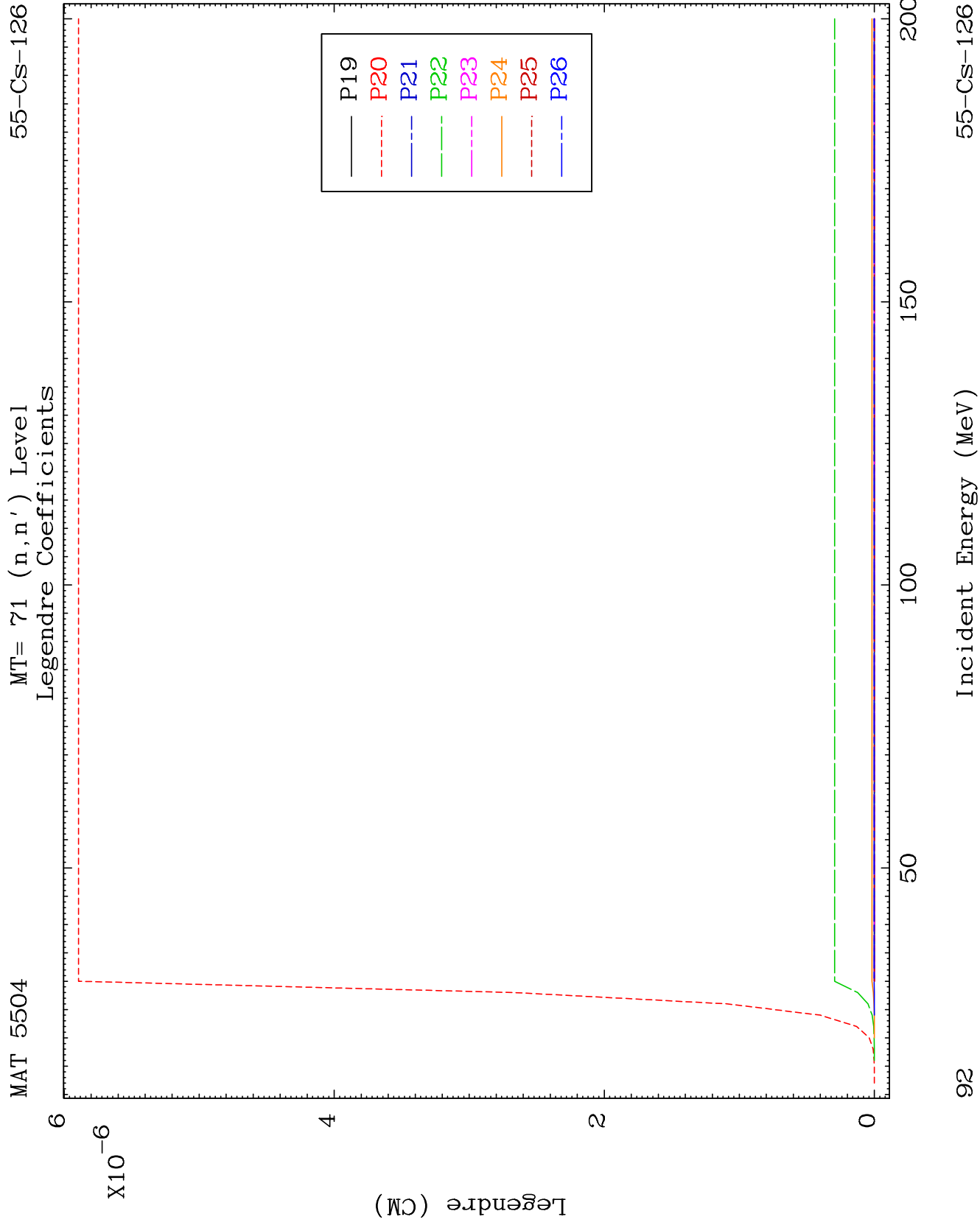
55-Cs-126

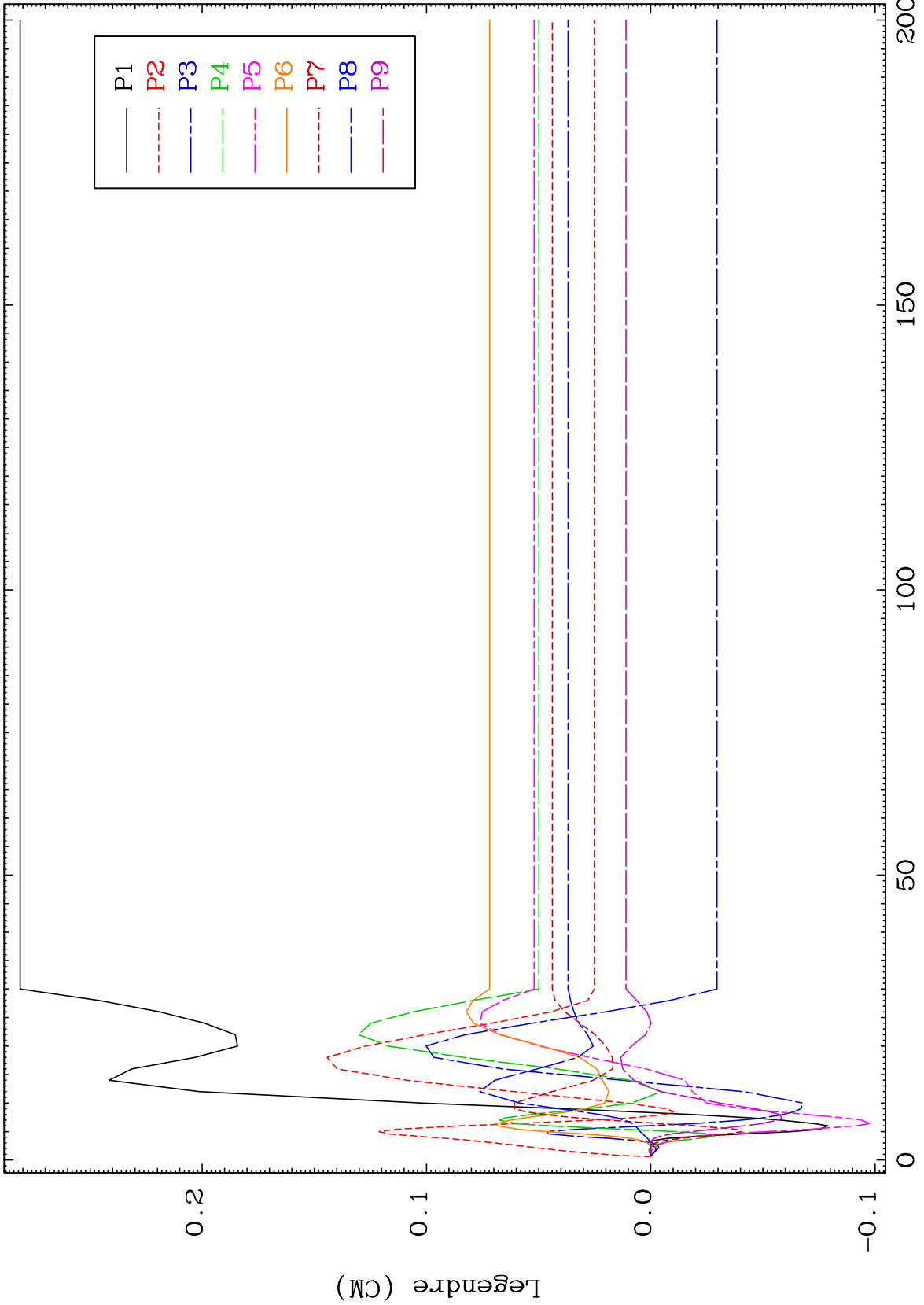


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Incident Energy (MeV)

55-Cs-126

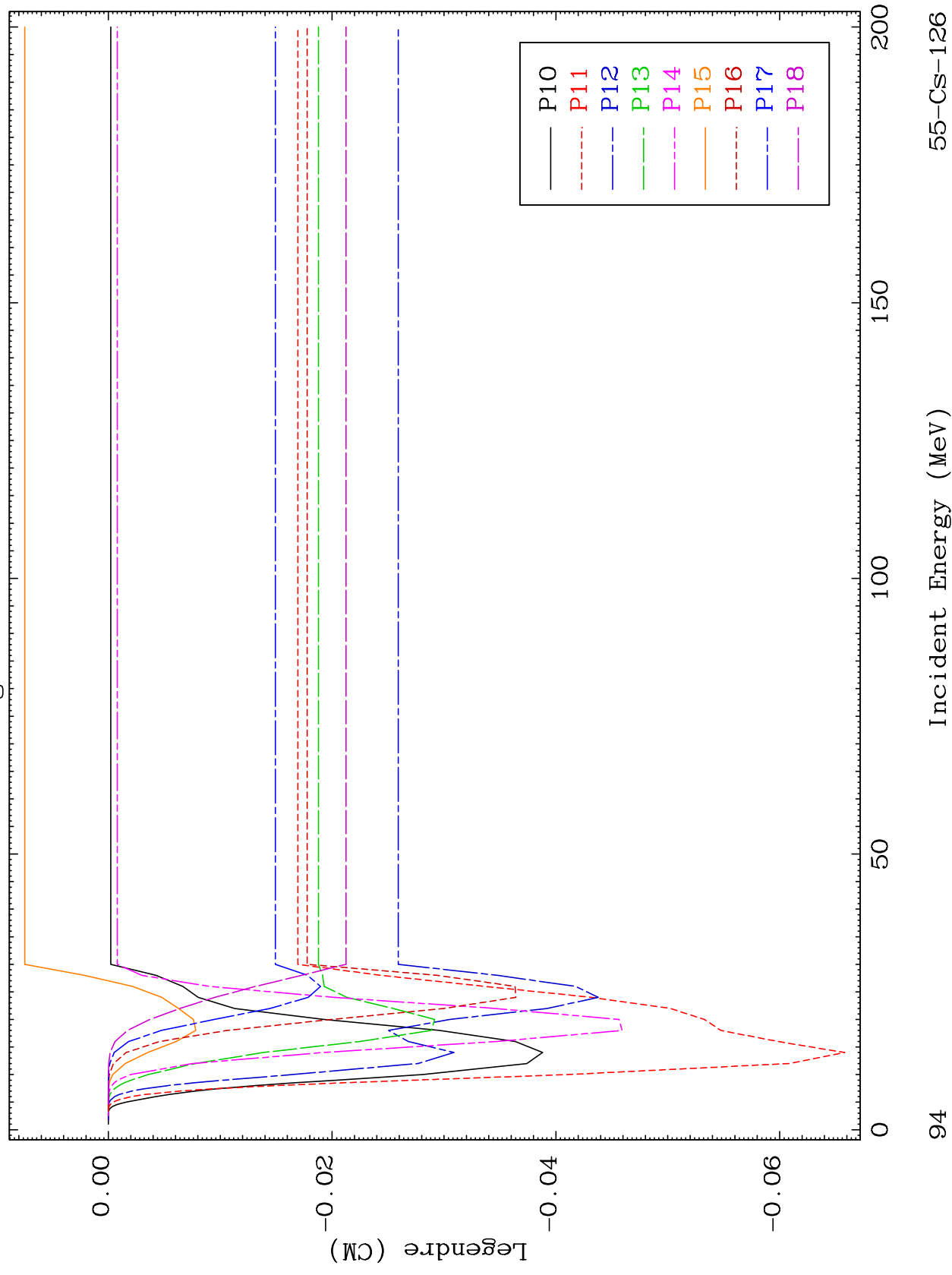




MAT 5504

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

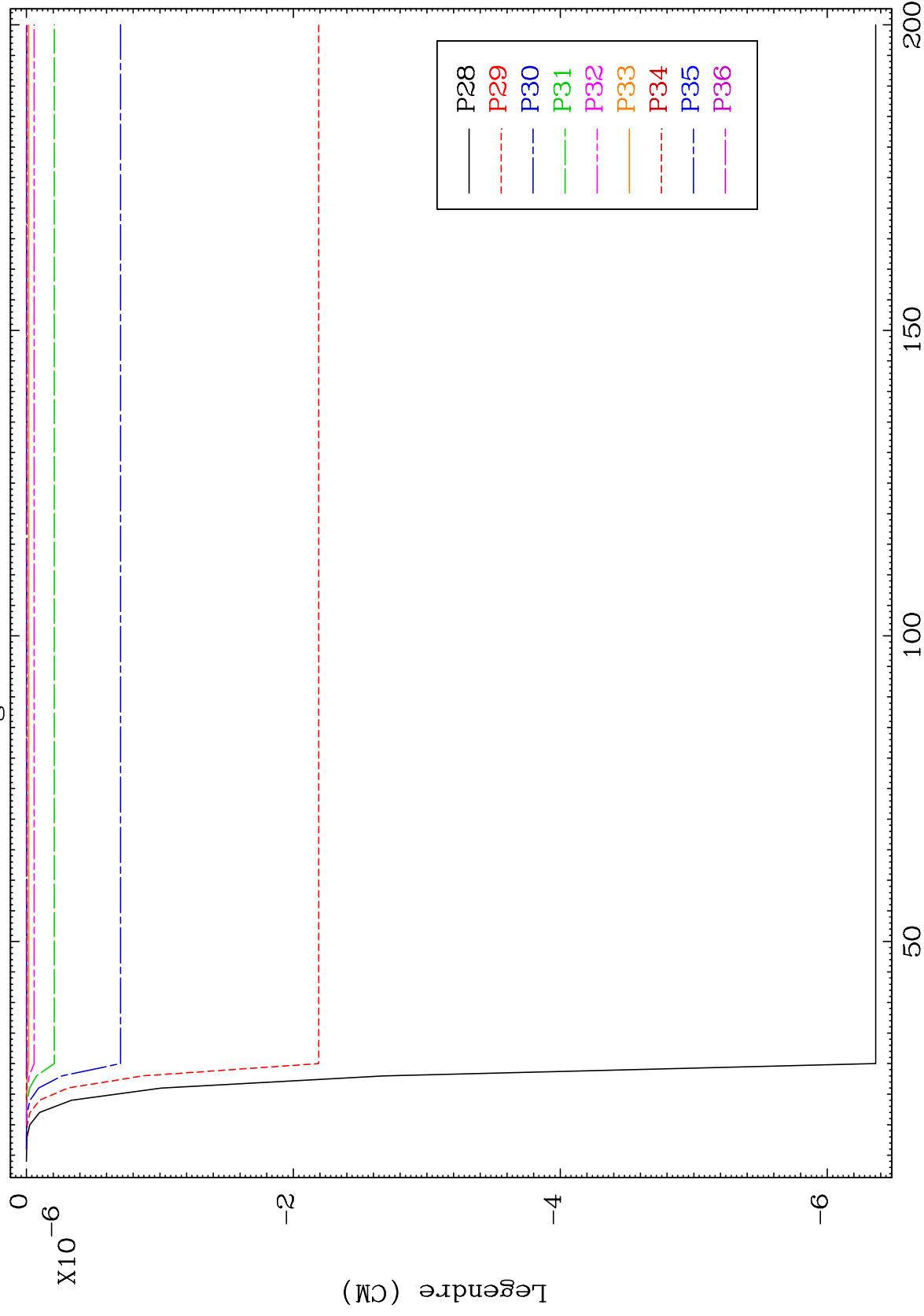
55-CS-126



MAT 5504

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

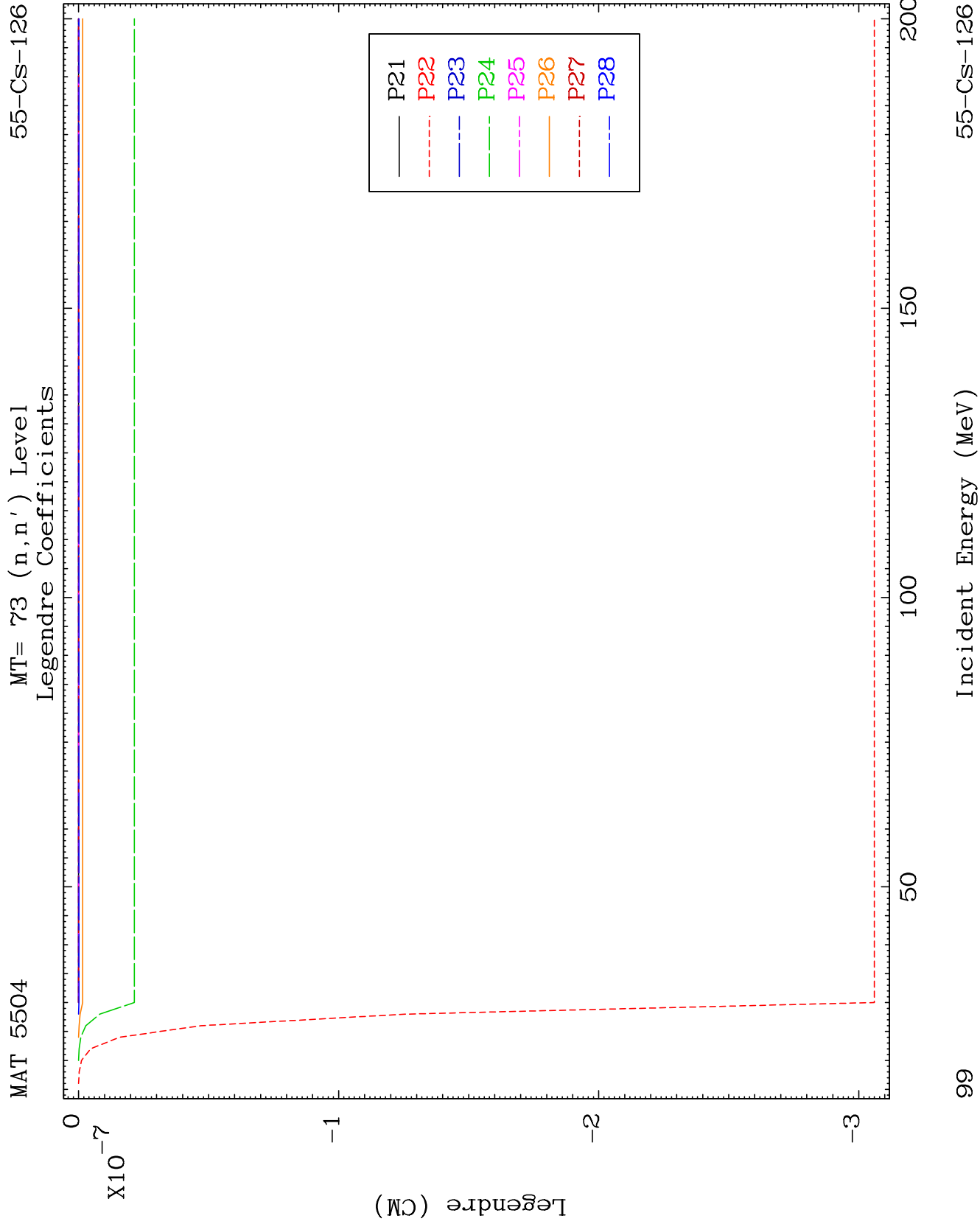
55-CS-126

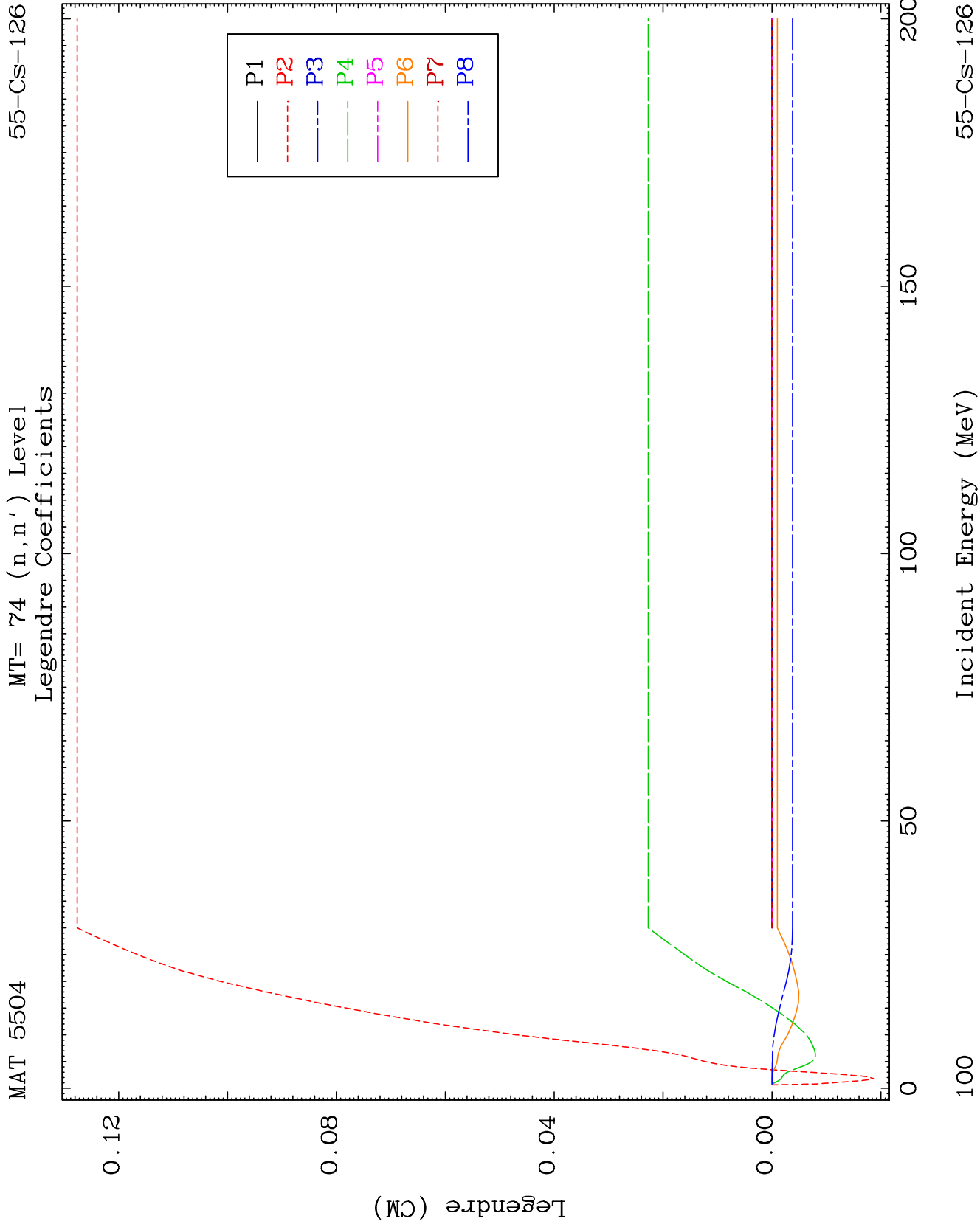


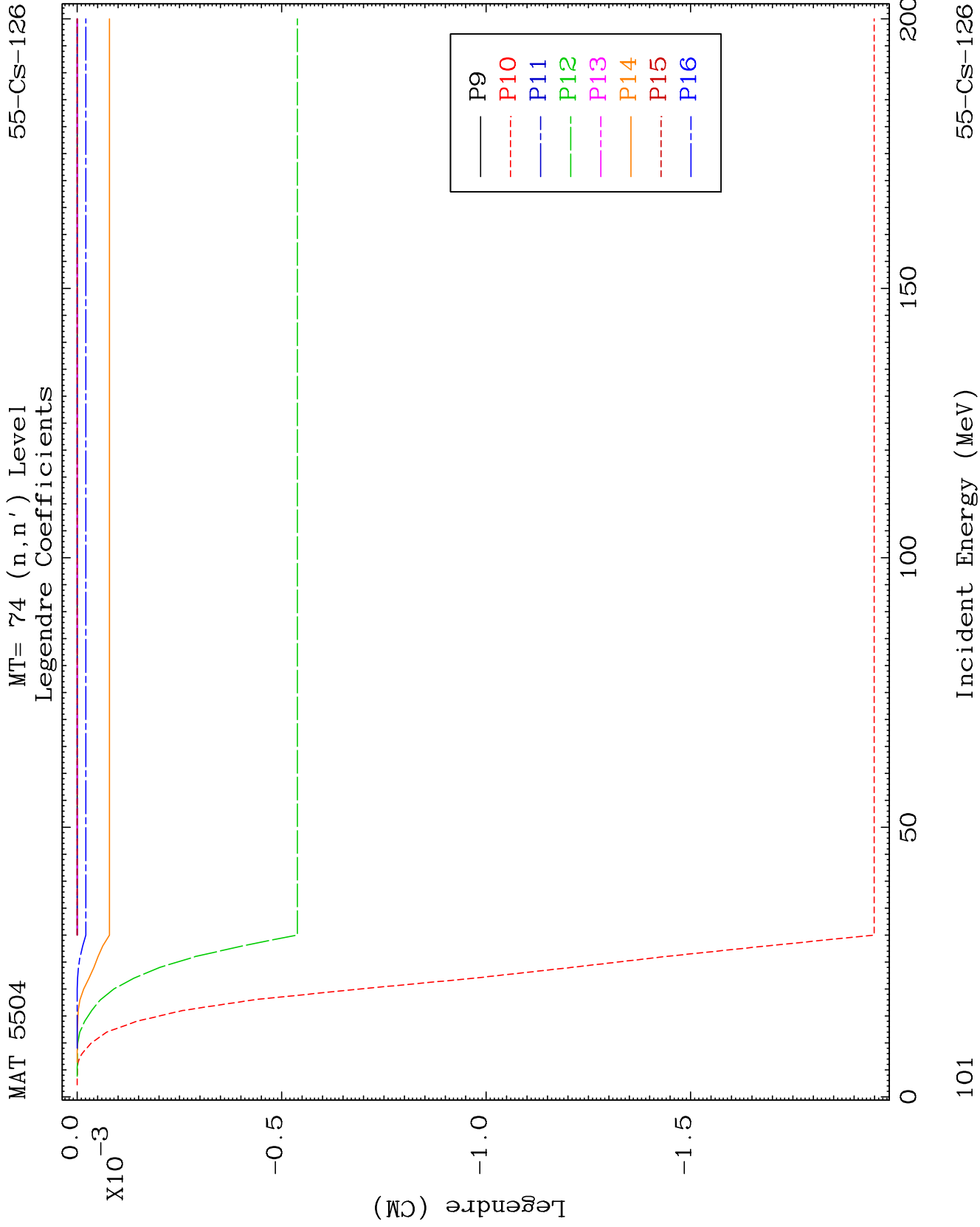
96

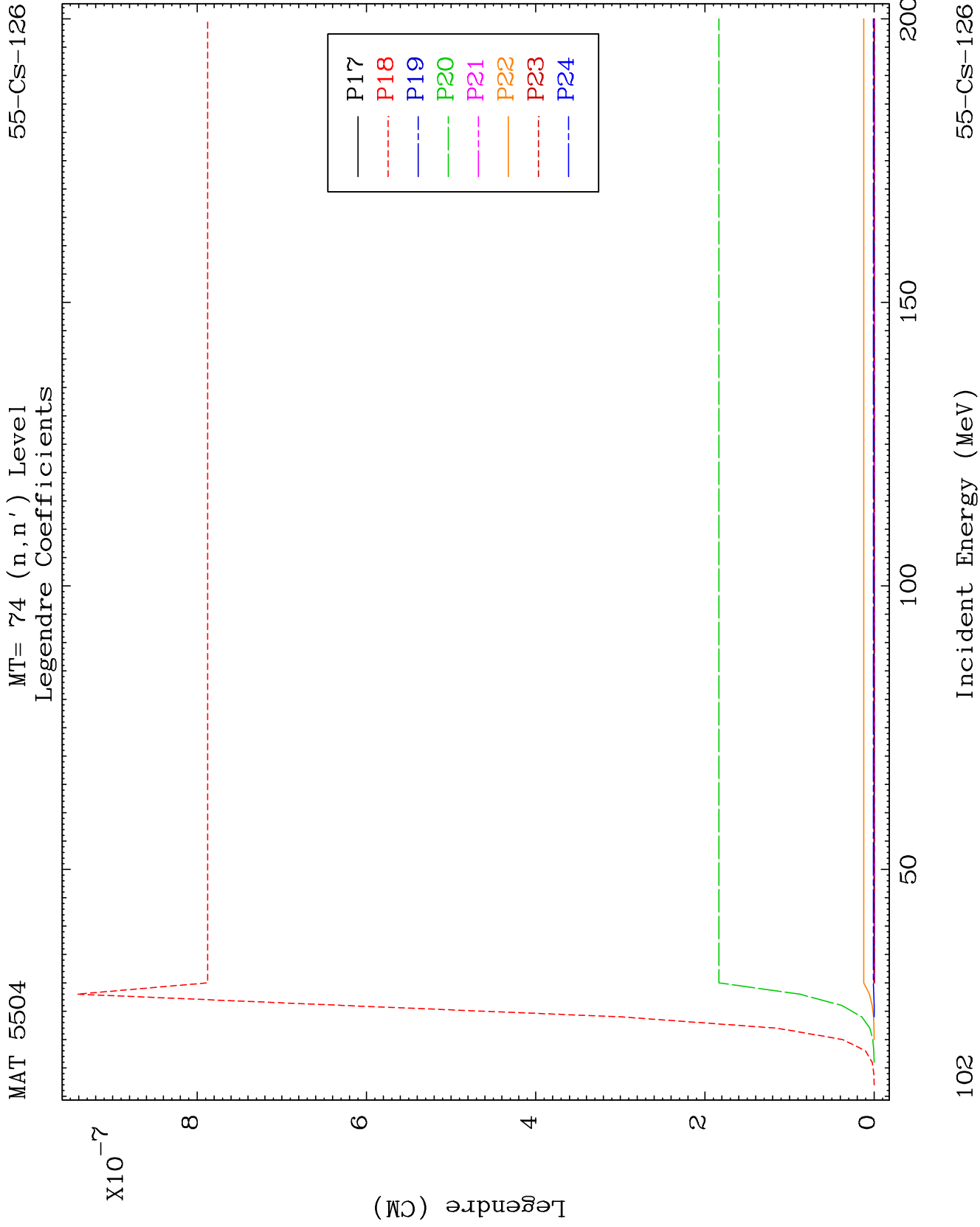
Incident Energy (MeV)

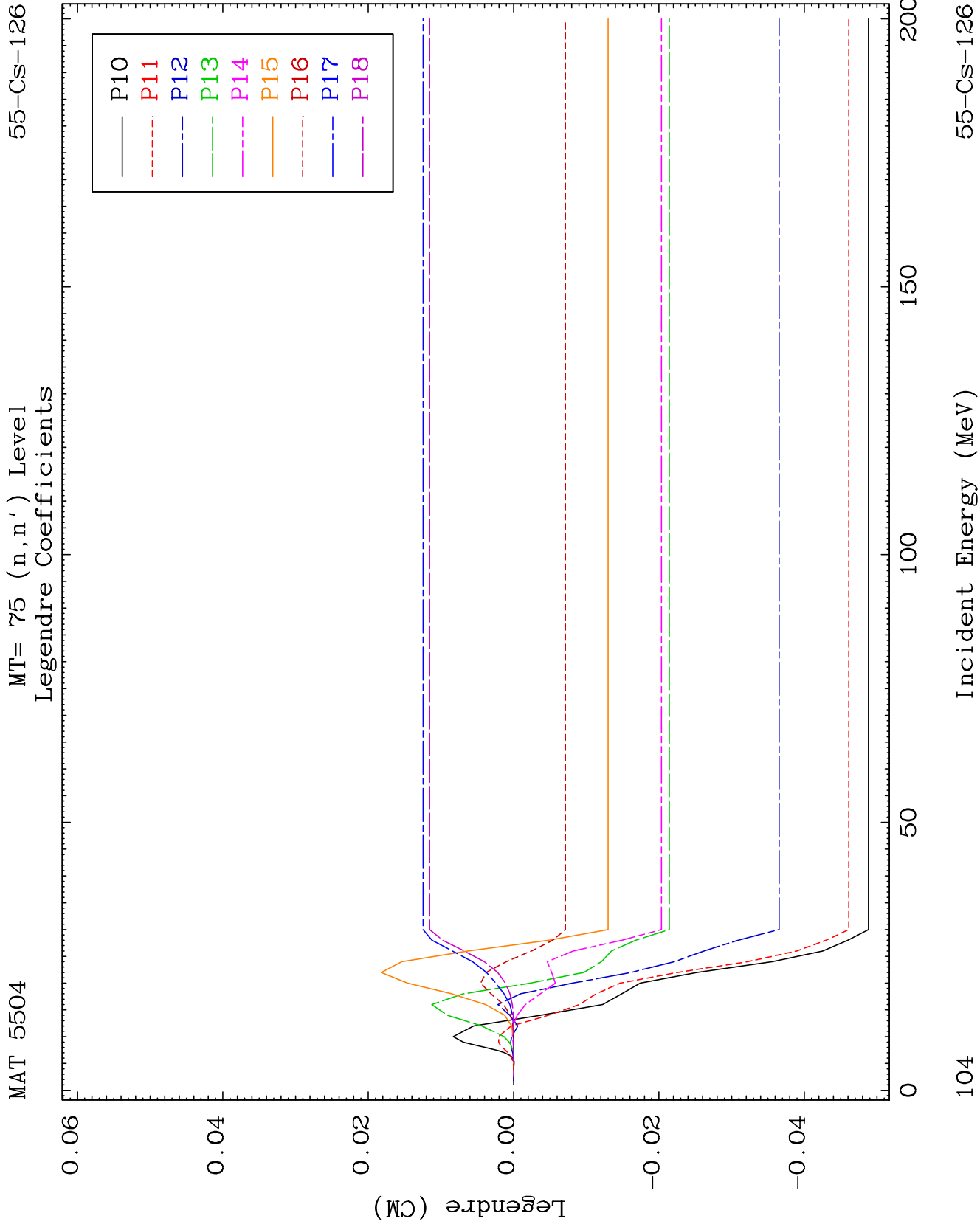
55-CS-126







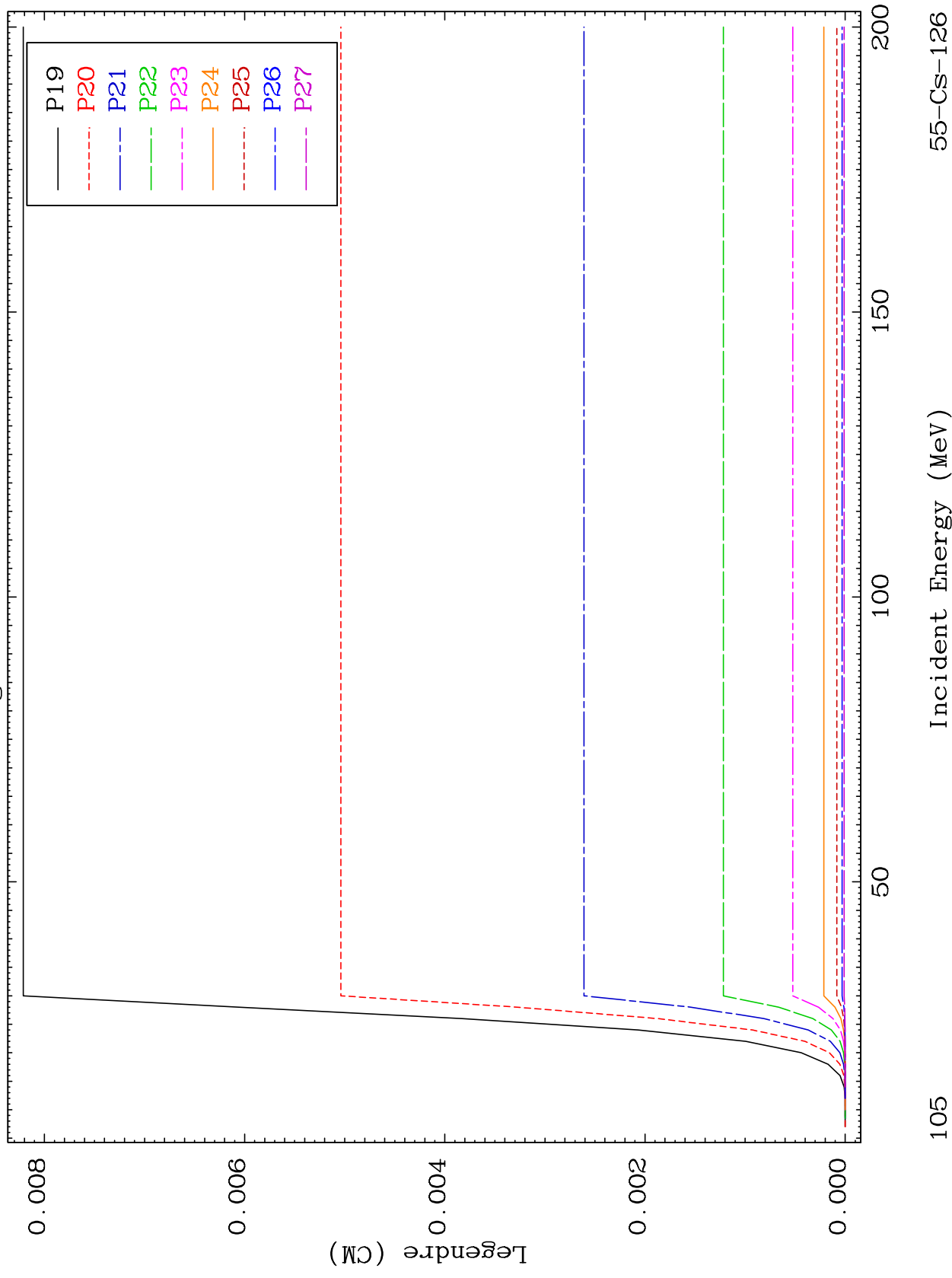


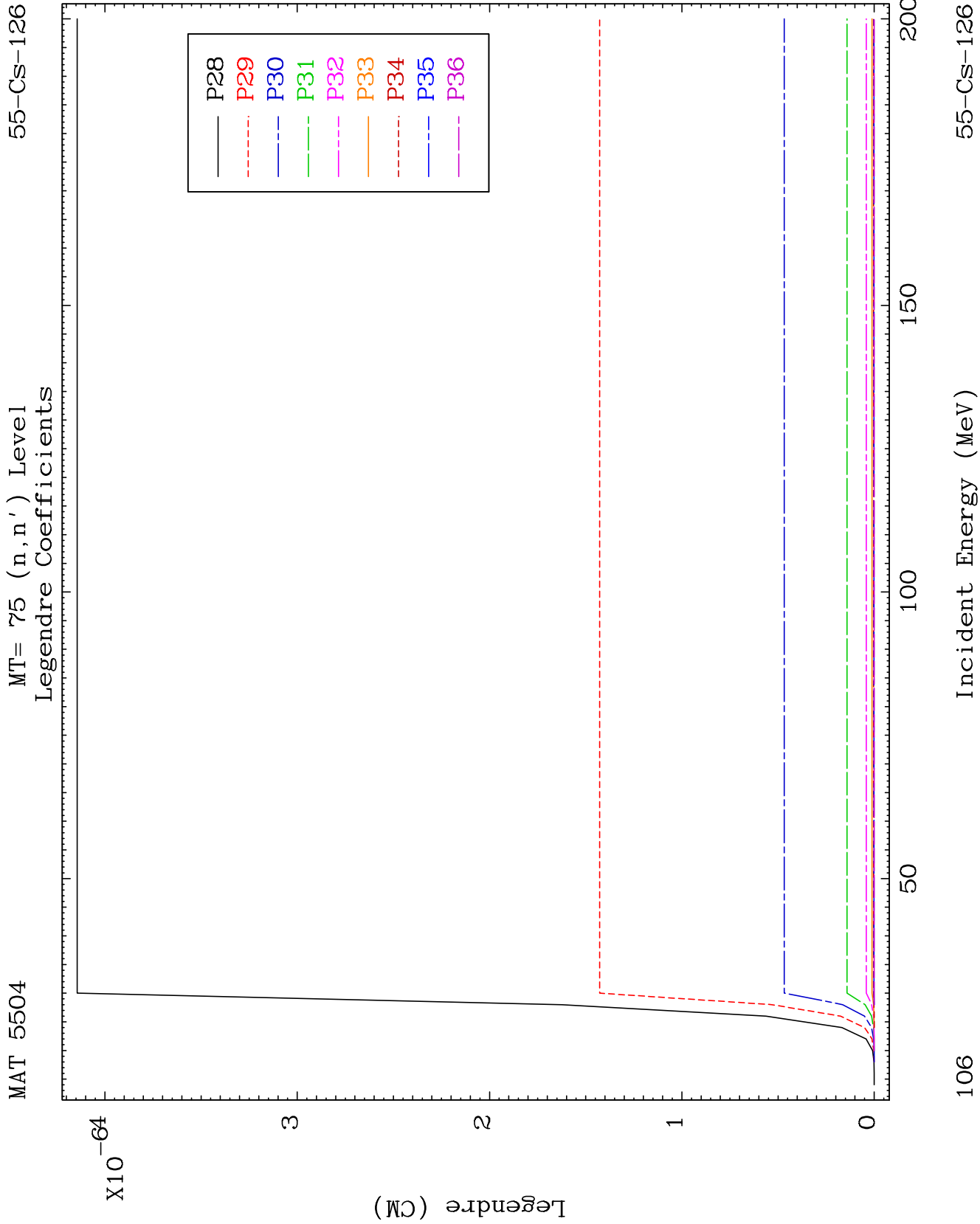


MAT 5504

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

55-CS-126

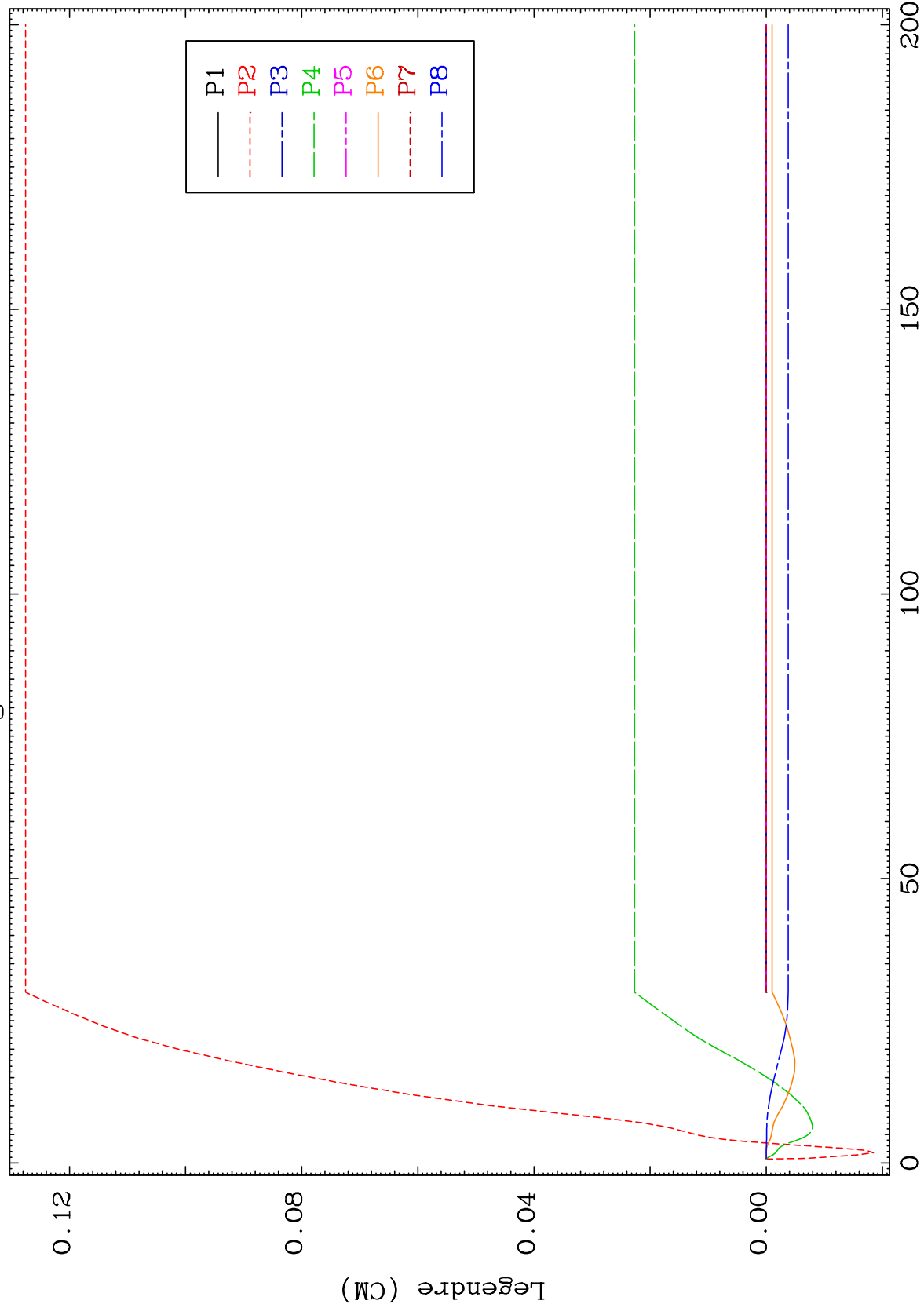




MAT 5504

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

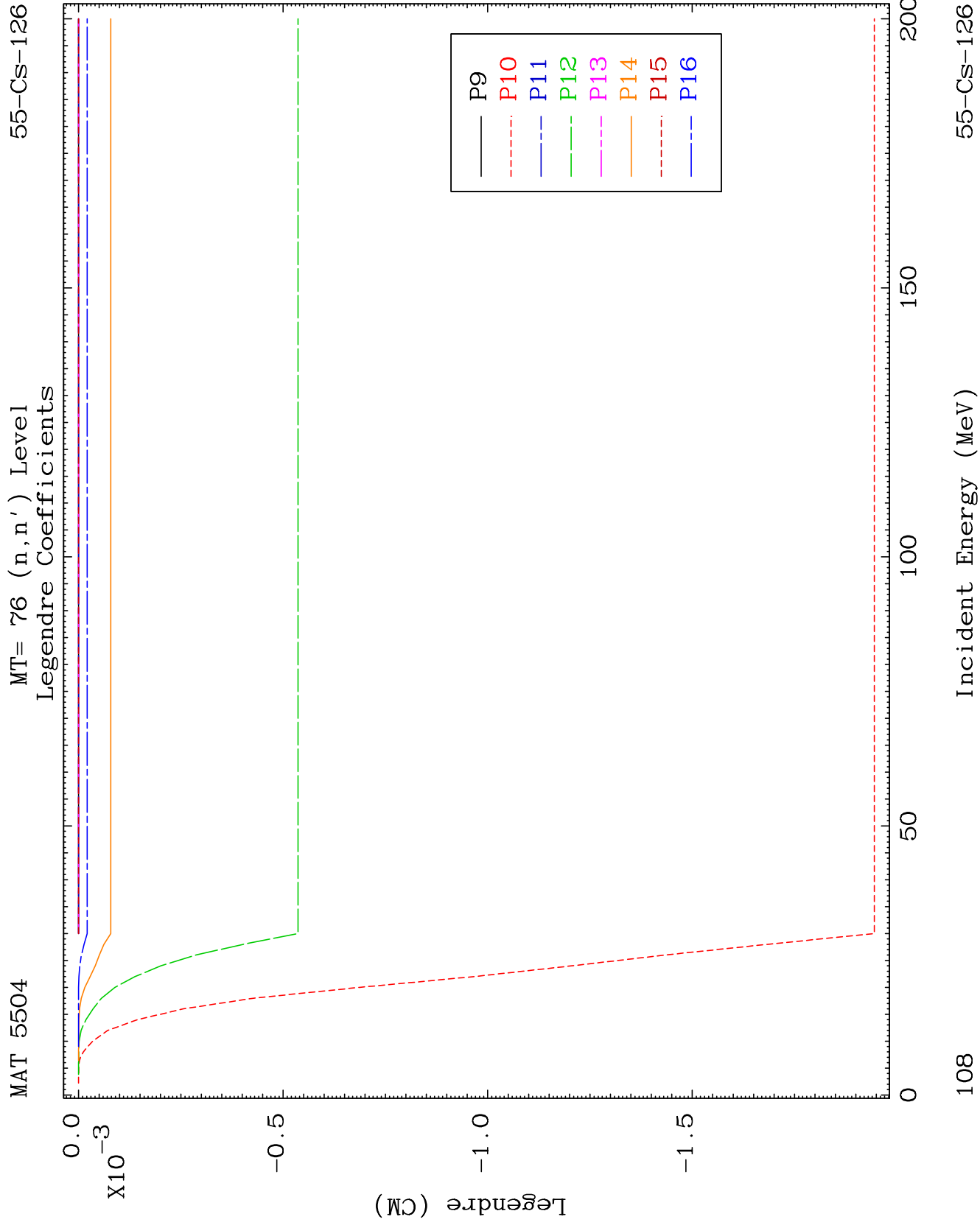
55-CS-126



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Incident Energy (MeV)

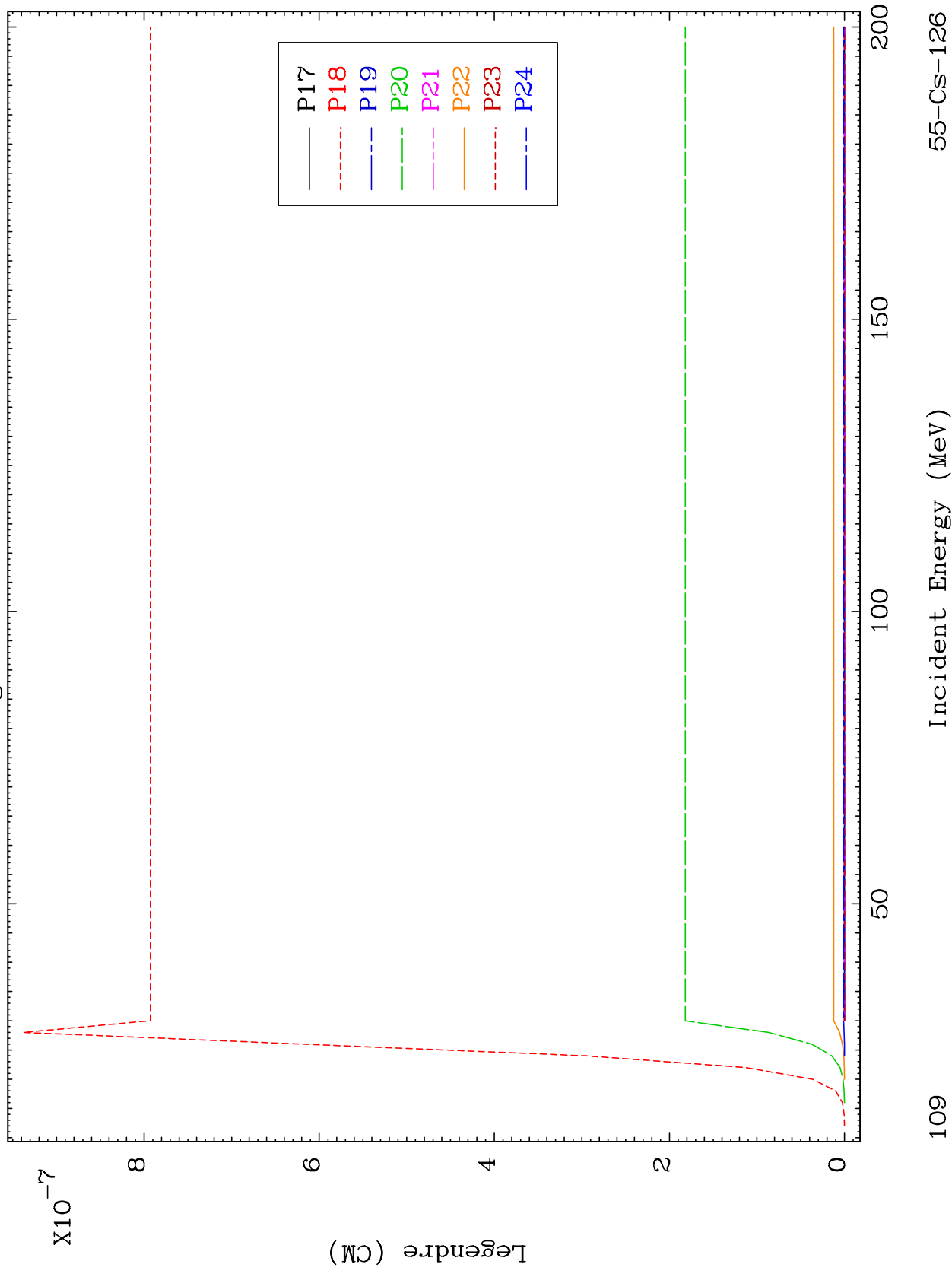
55-CS-126



MAT 5504

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

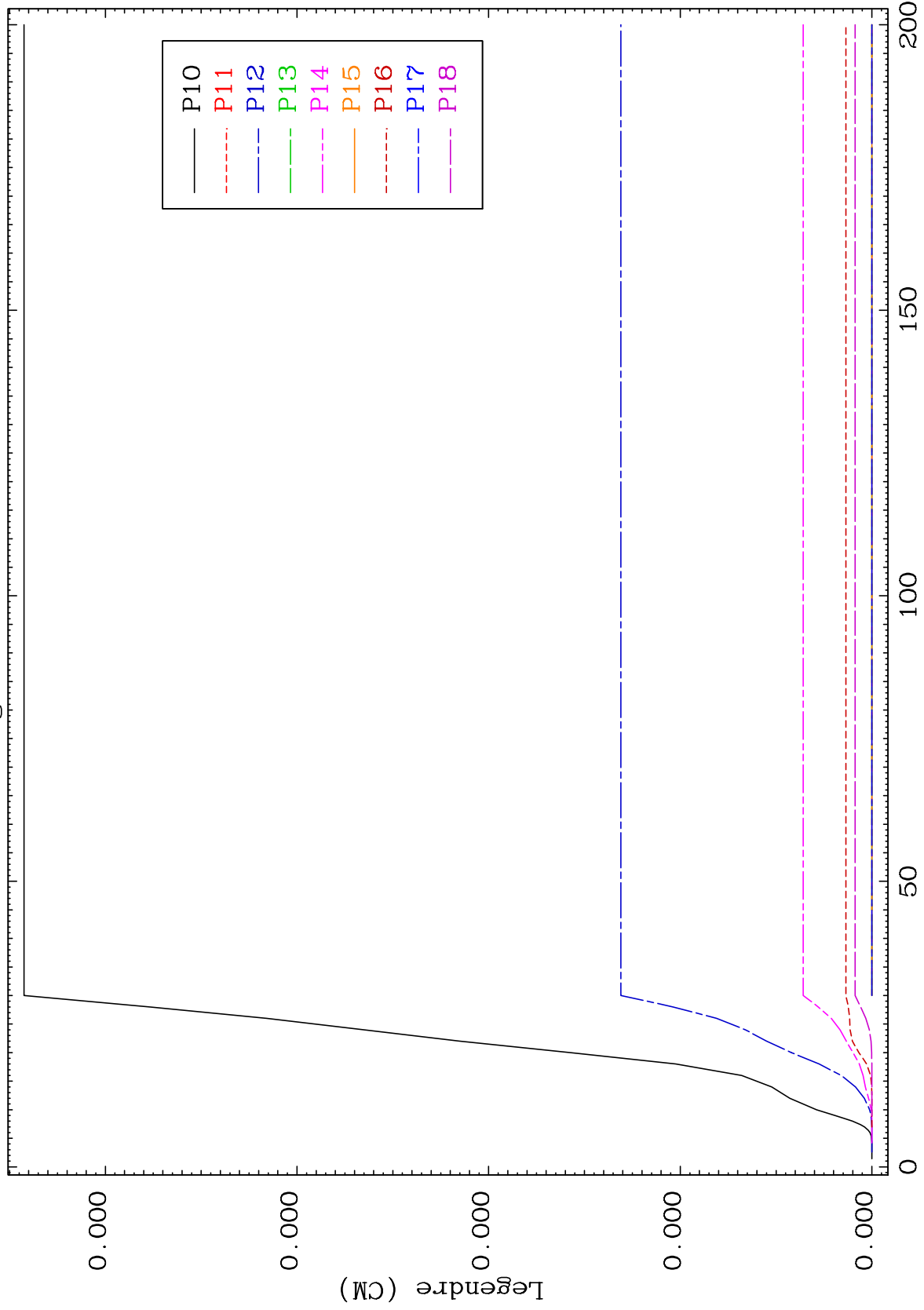
55-CS-126



MAT 5504

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

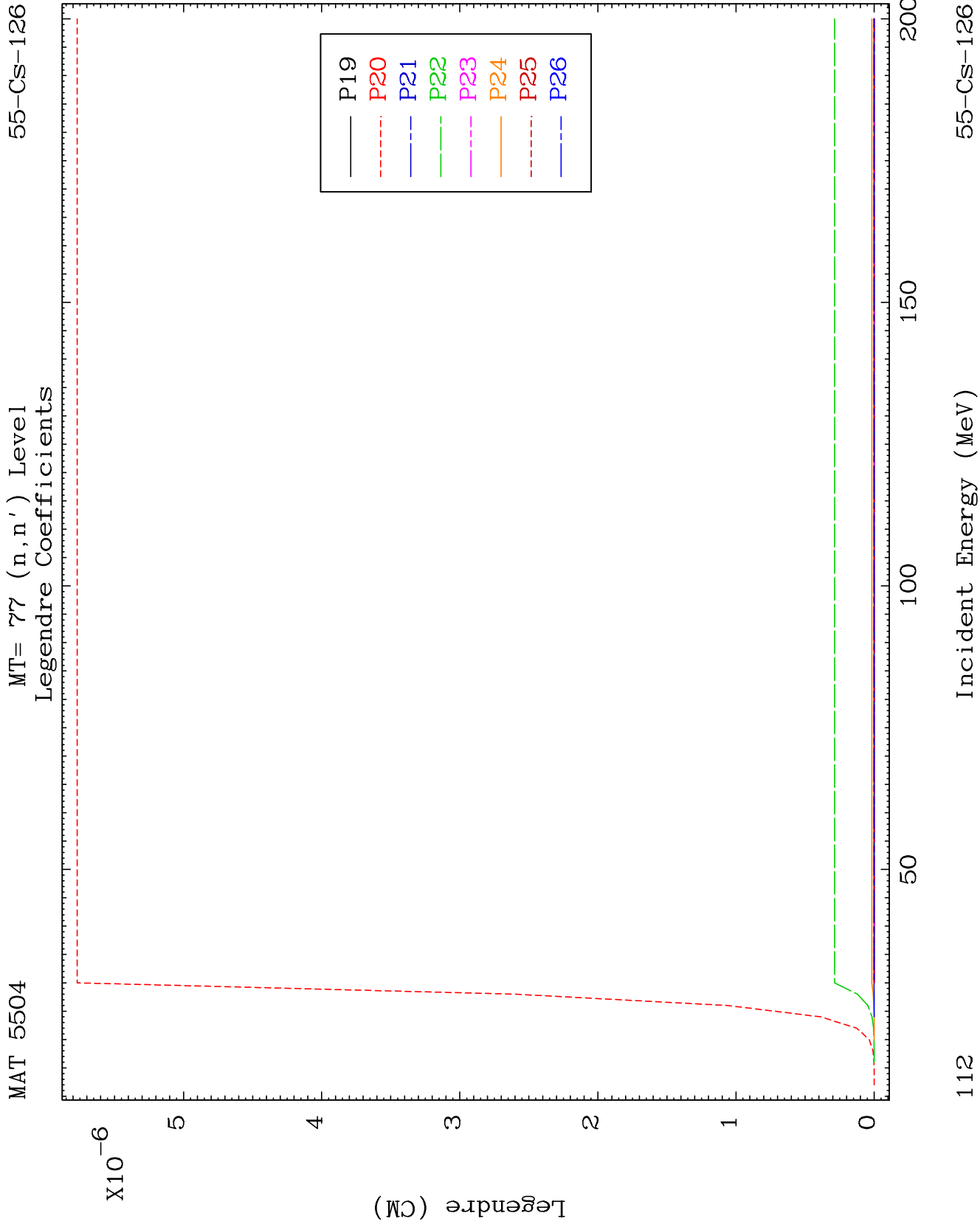
55-Cs-126



111

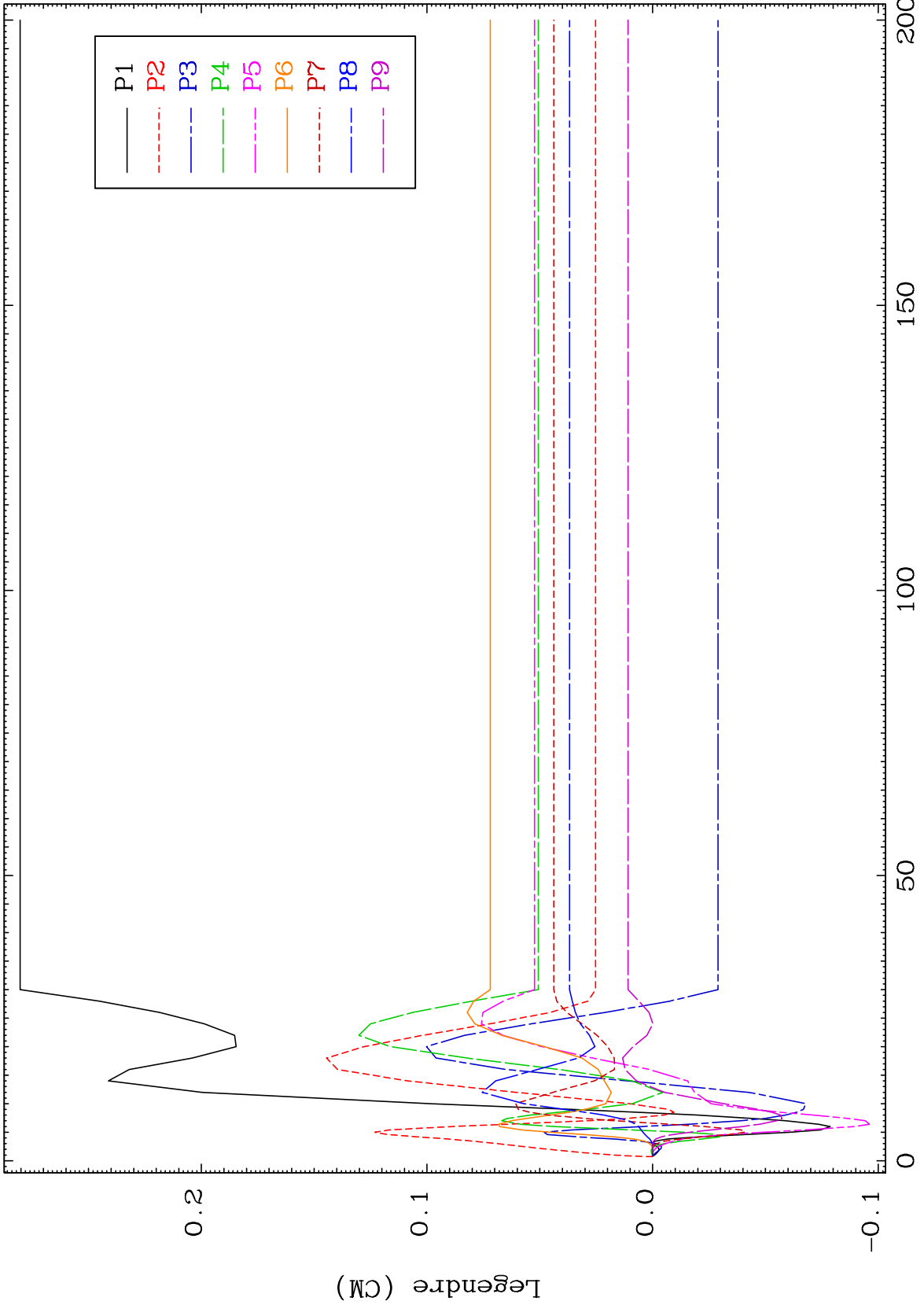
Incident Energy (MeV)

55-Cs-126



MAT 5504 MT= 78 (n,n') Level 55-Cs-126

Legendre Coefficients

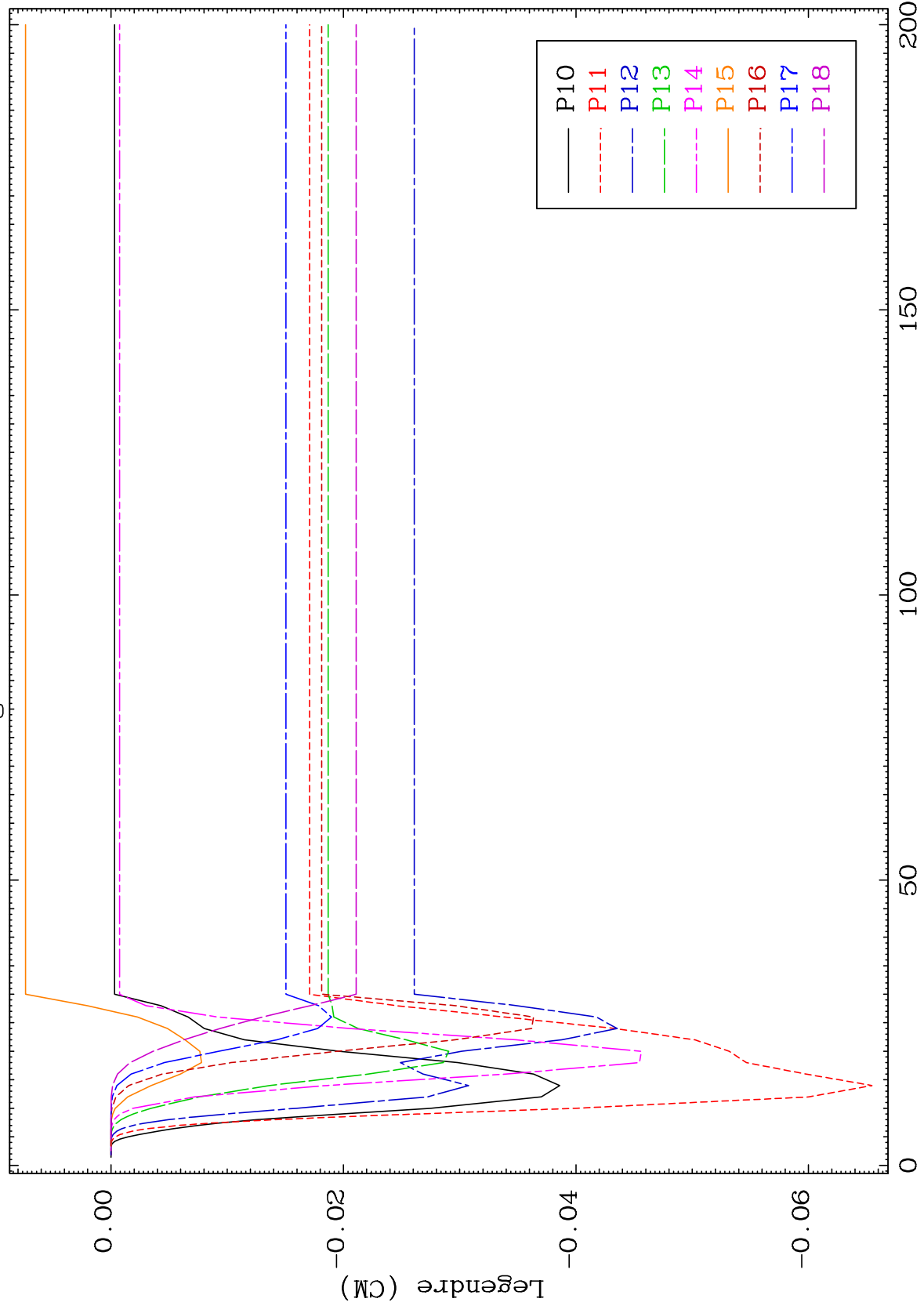


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MAT 5504

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

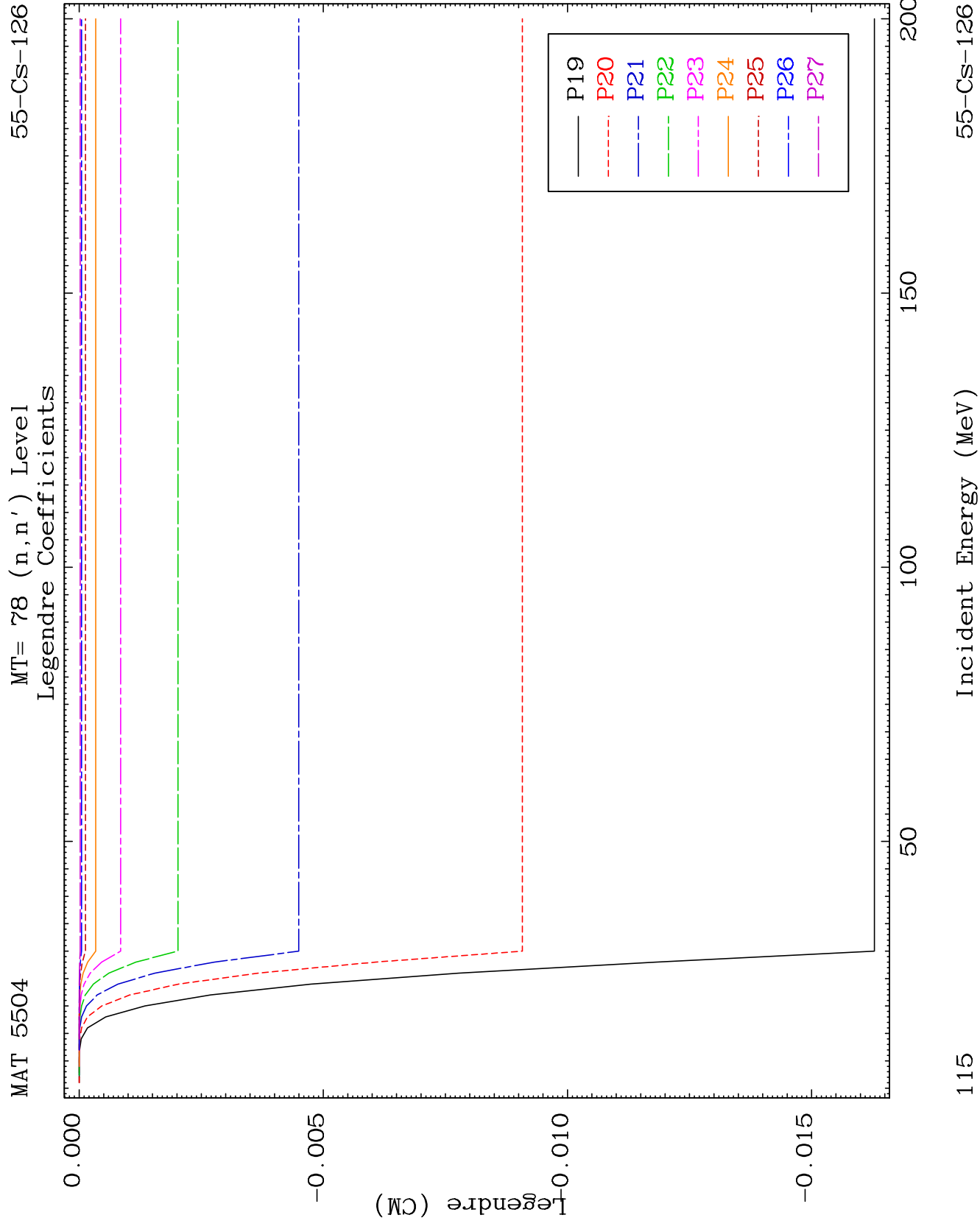
55-CS-126

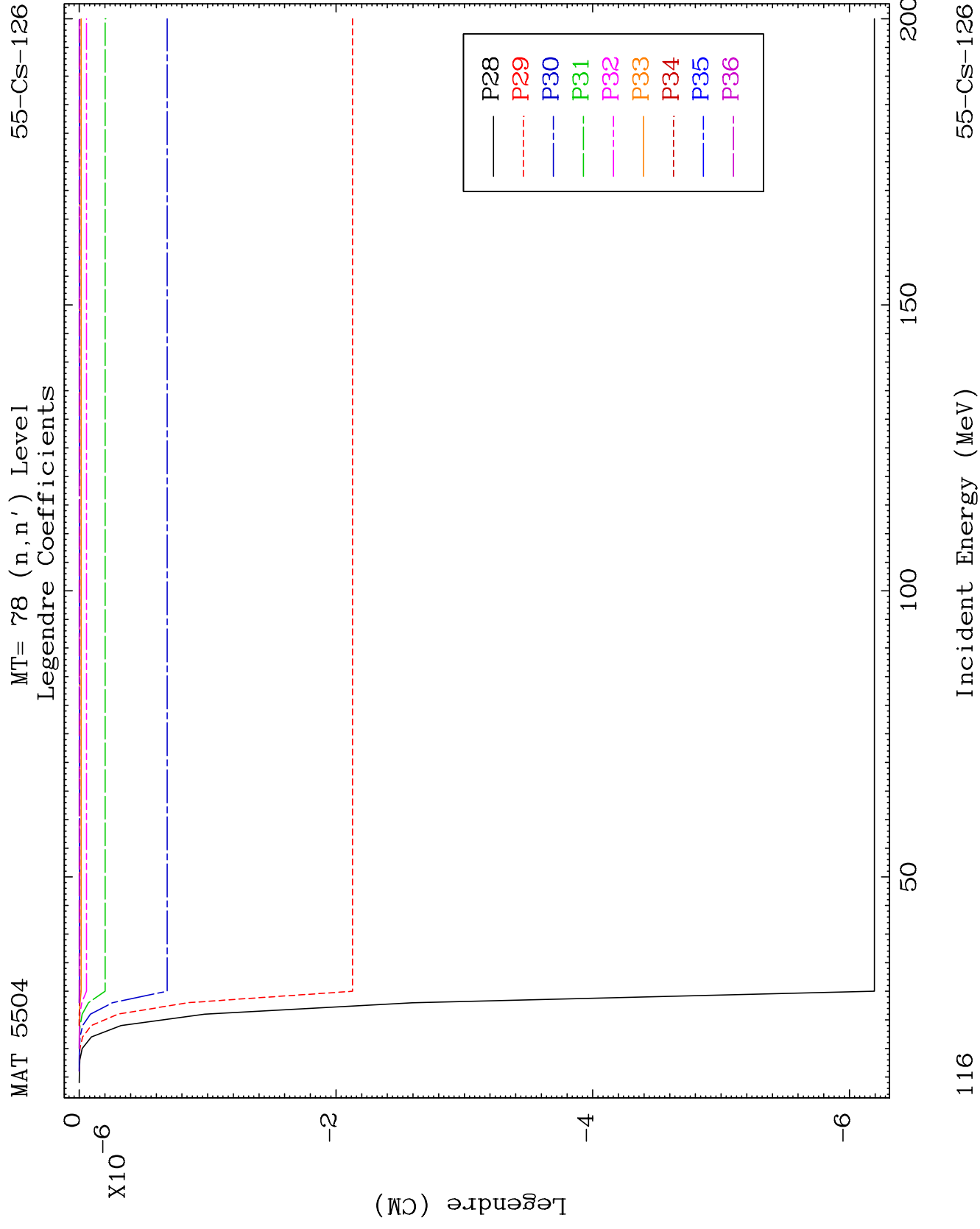


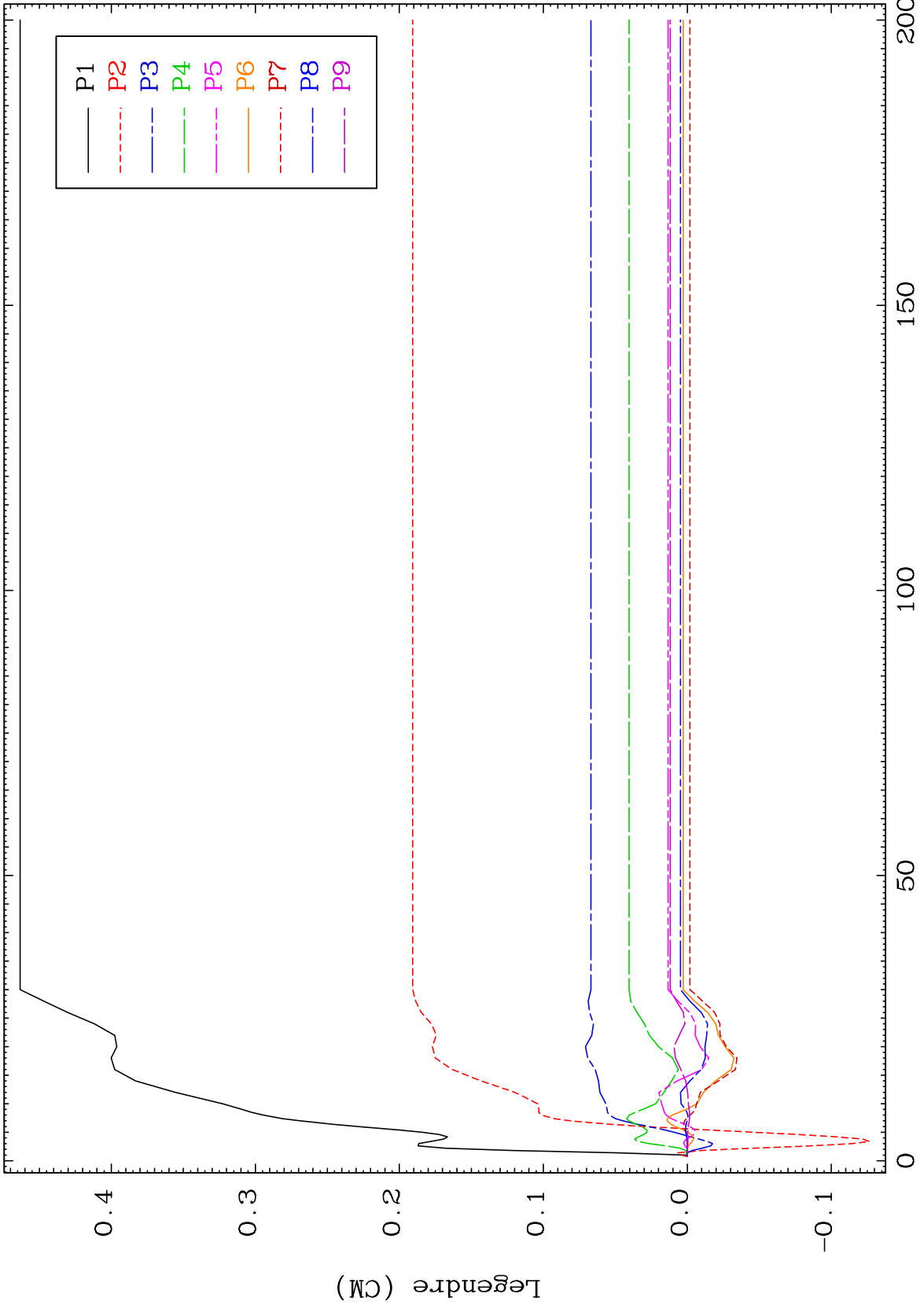
114

Incident Energy (MeV)

55-CS-126



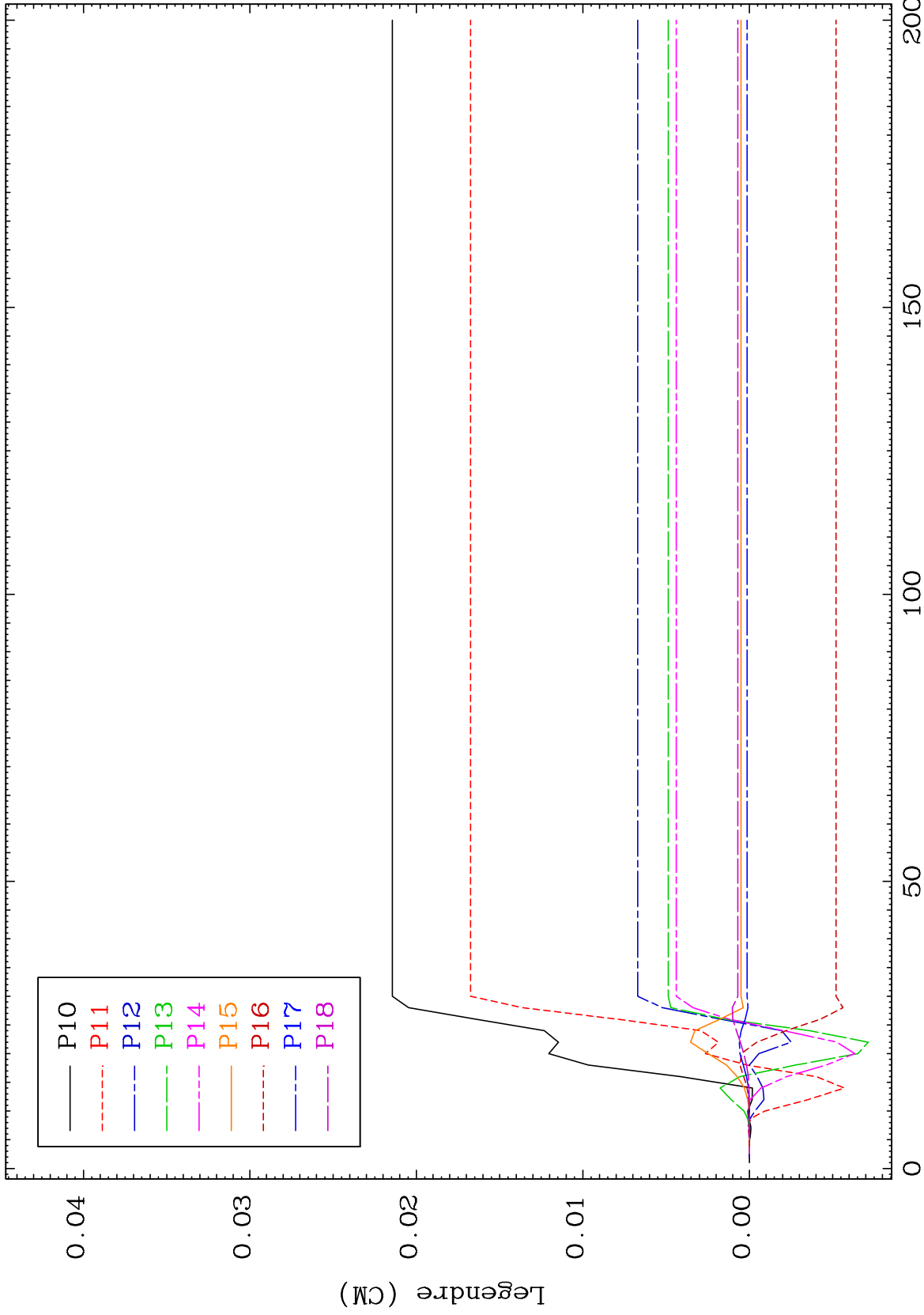




MAT 5504

MT= 79 (n,n') Level
Legendre Coefficients

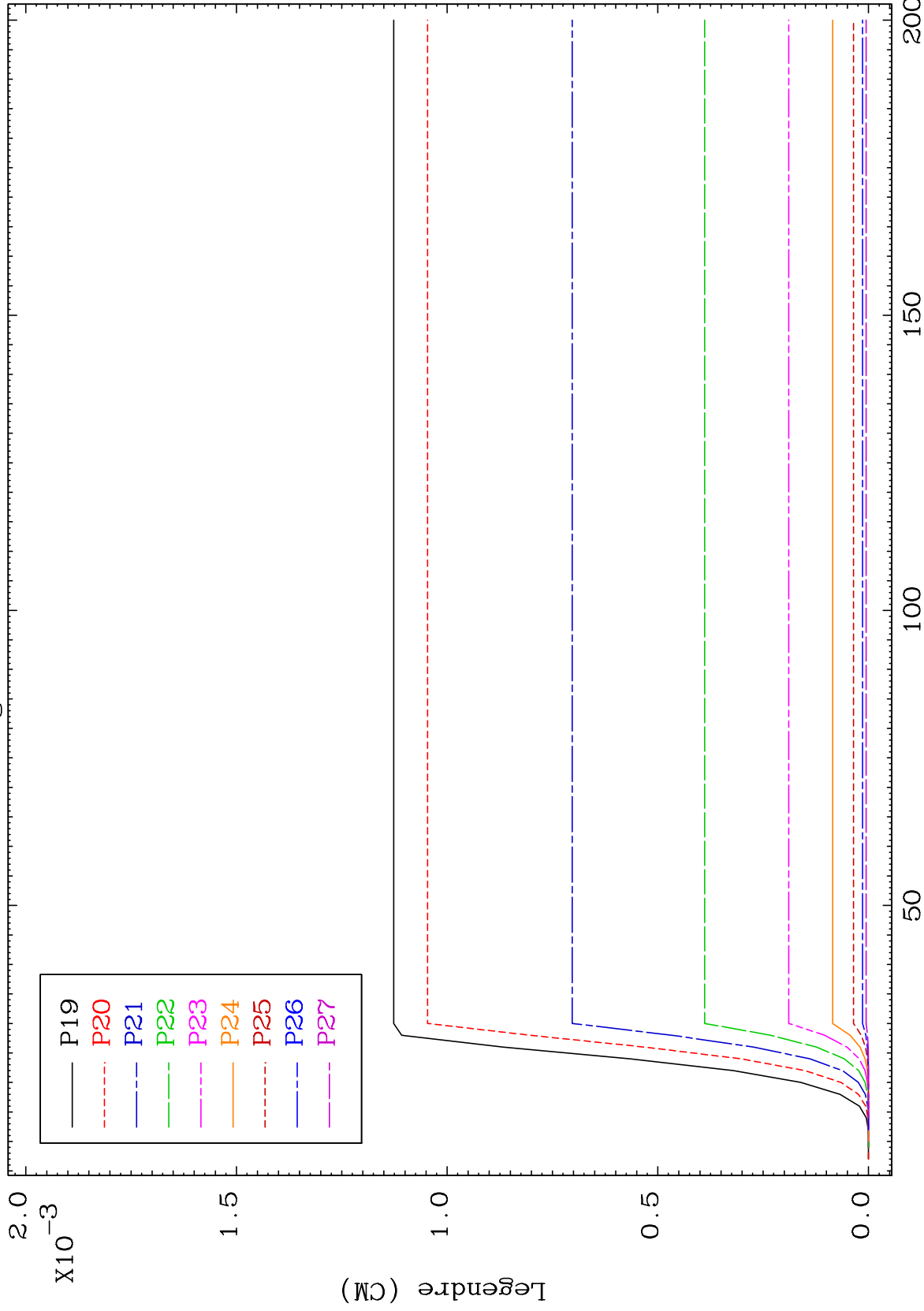
55-Cs-126

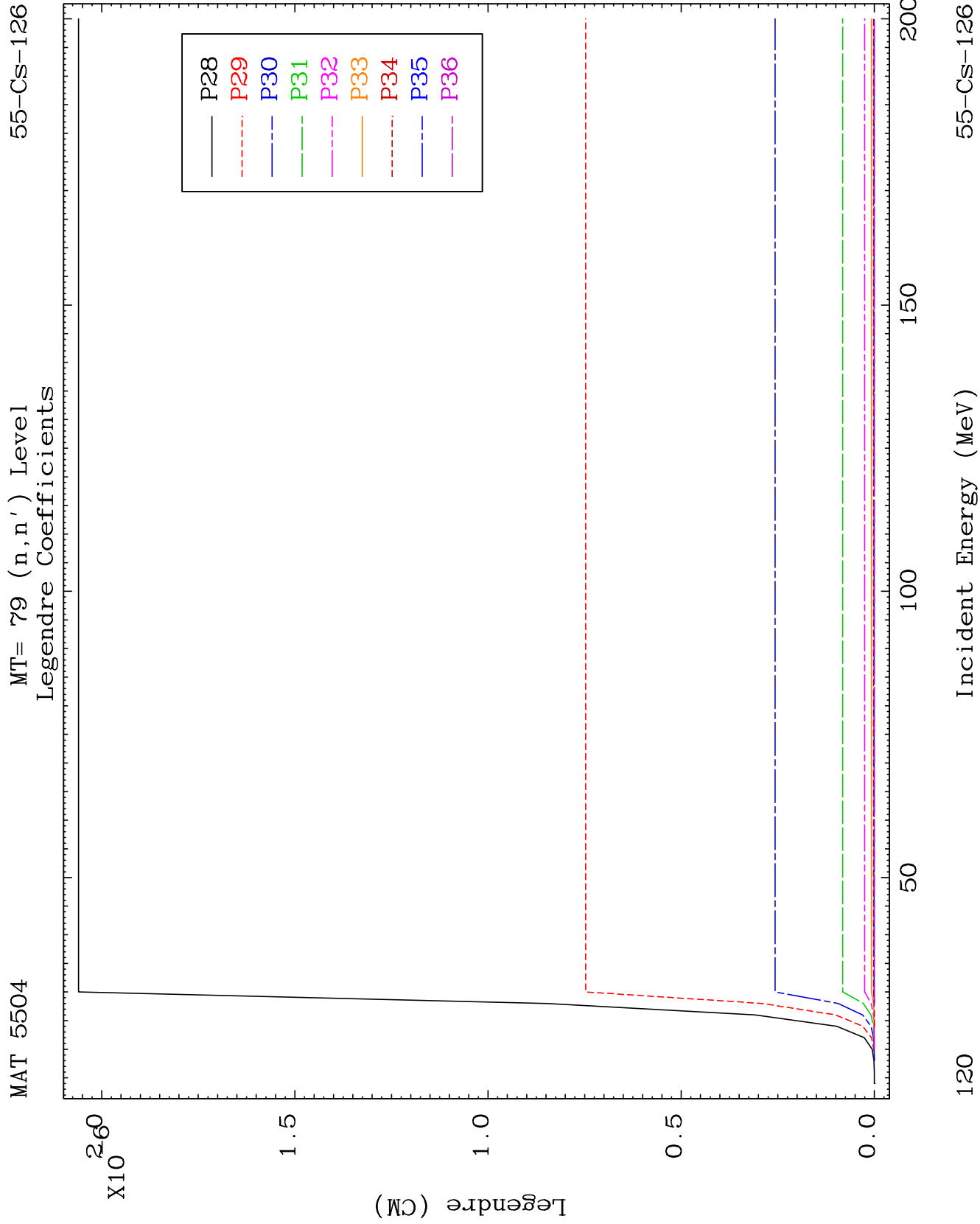


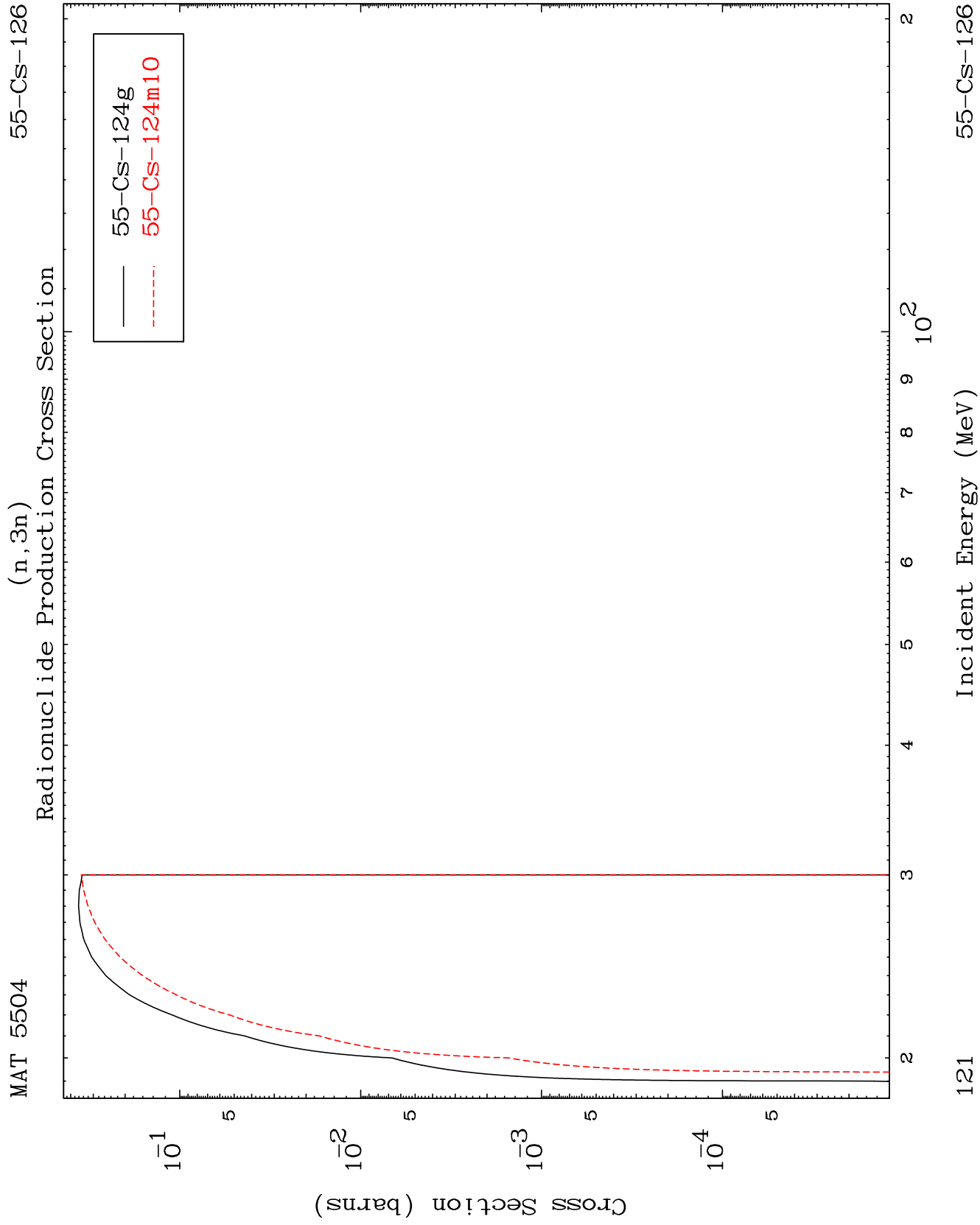
118

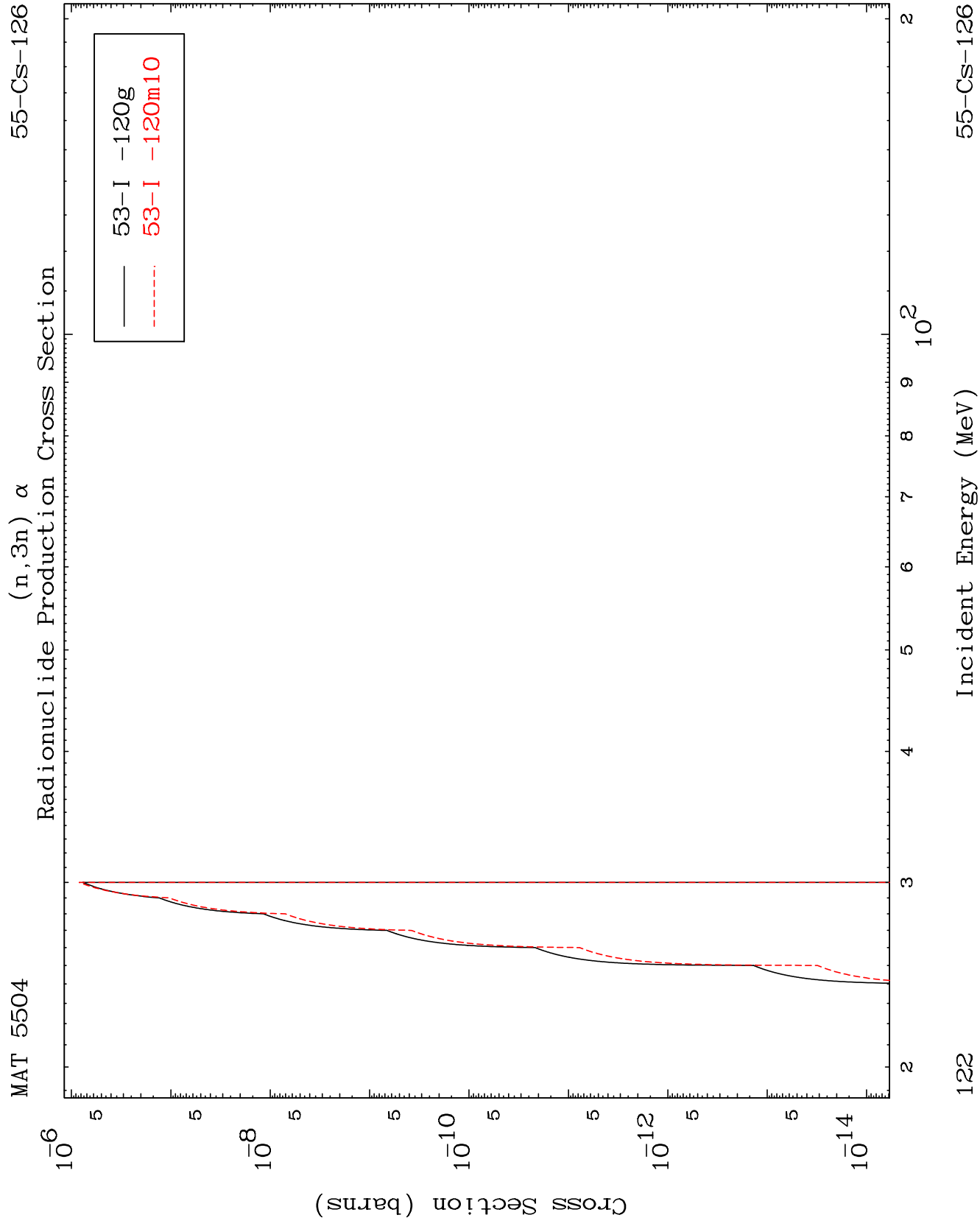
Incident Energy (MeV)

55-Cs-126







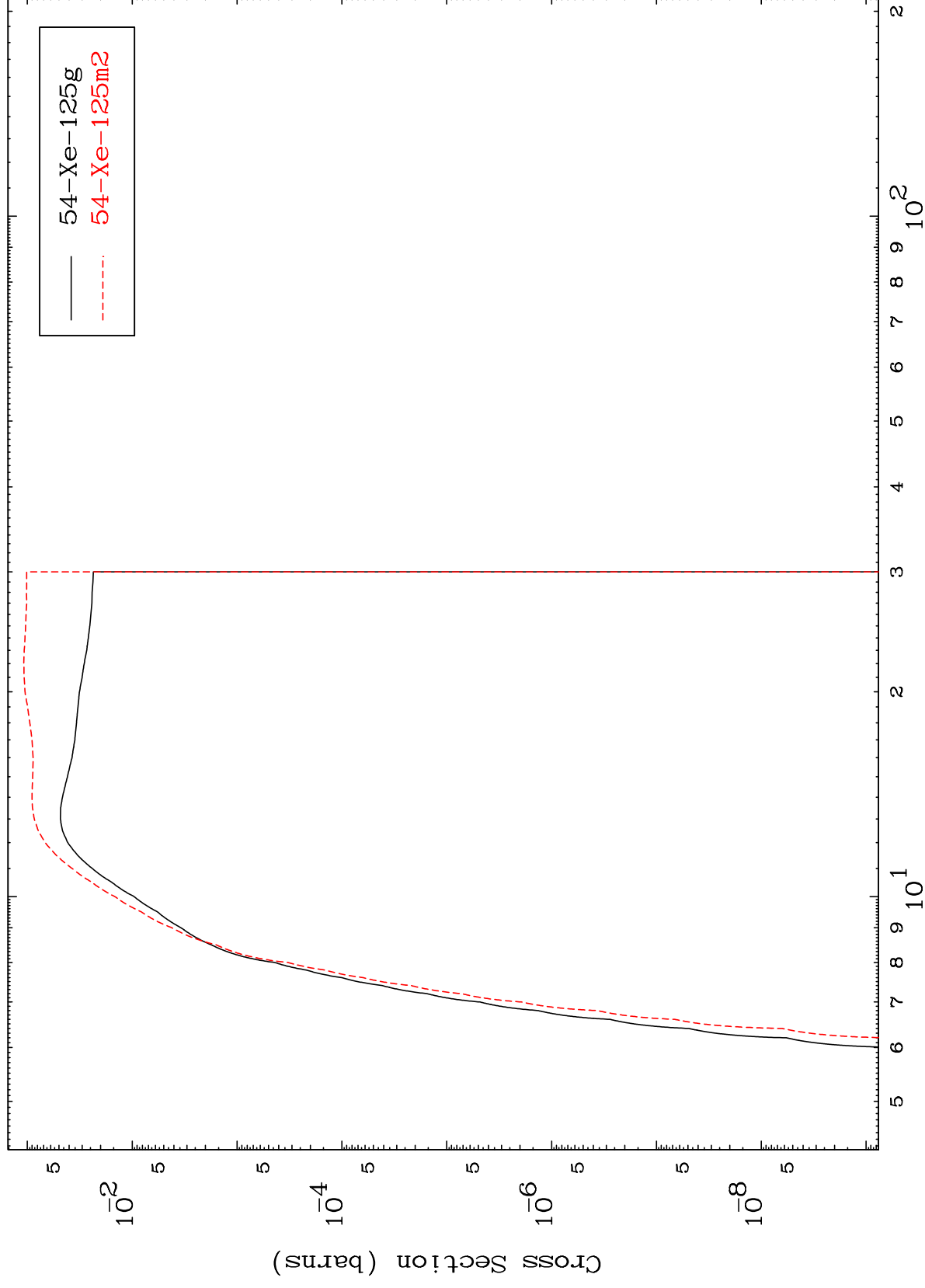


MAT 5504

$$(n, n') \text{ p}$$

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Radionuclide Production Cross Section



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Incident Energy (MeV)

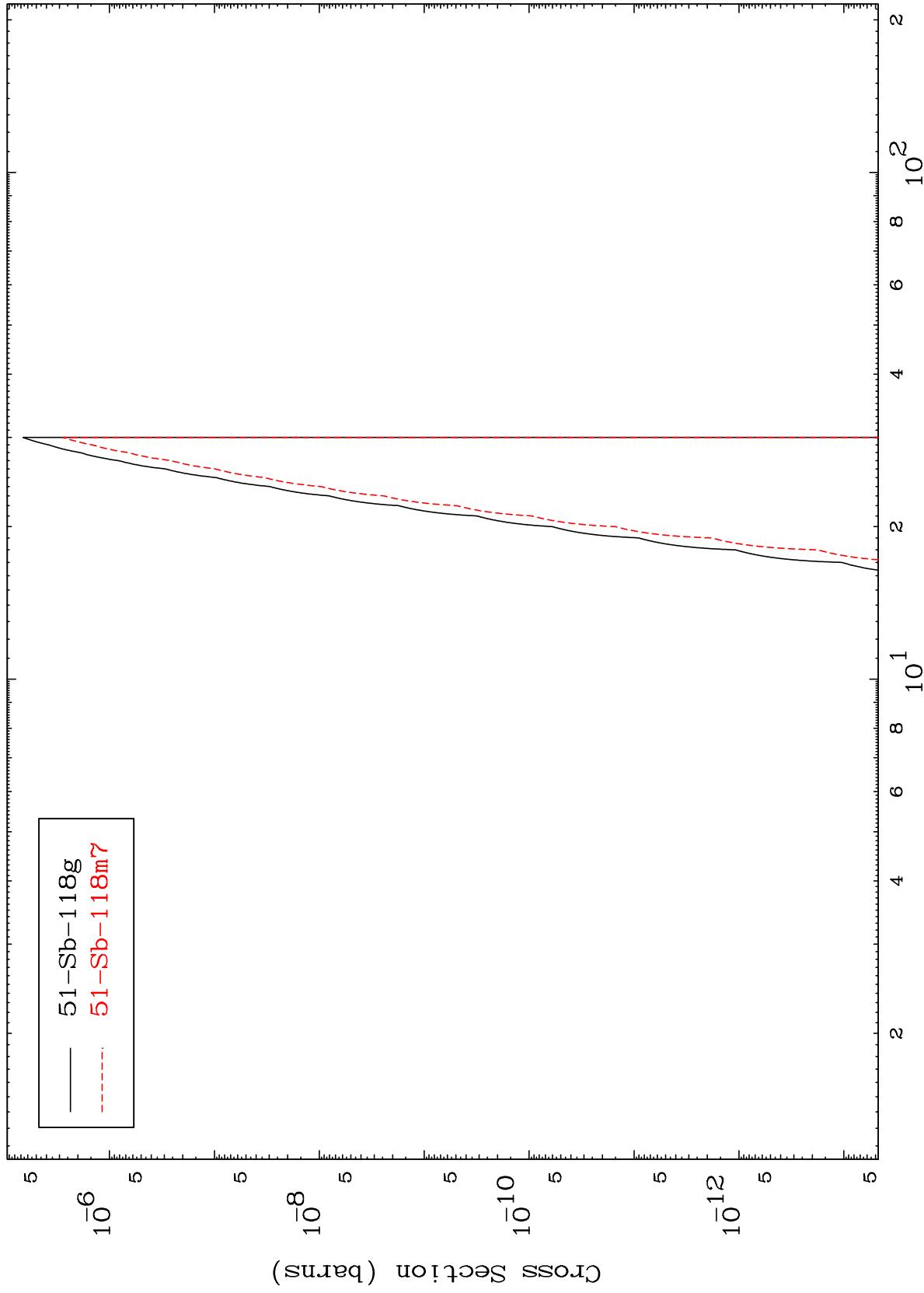
55-CS-126

MAT 5504

(n,n') 2α

55-Cs-126

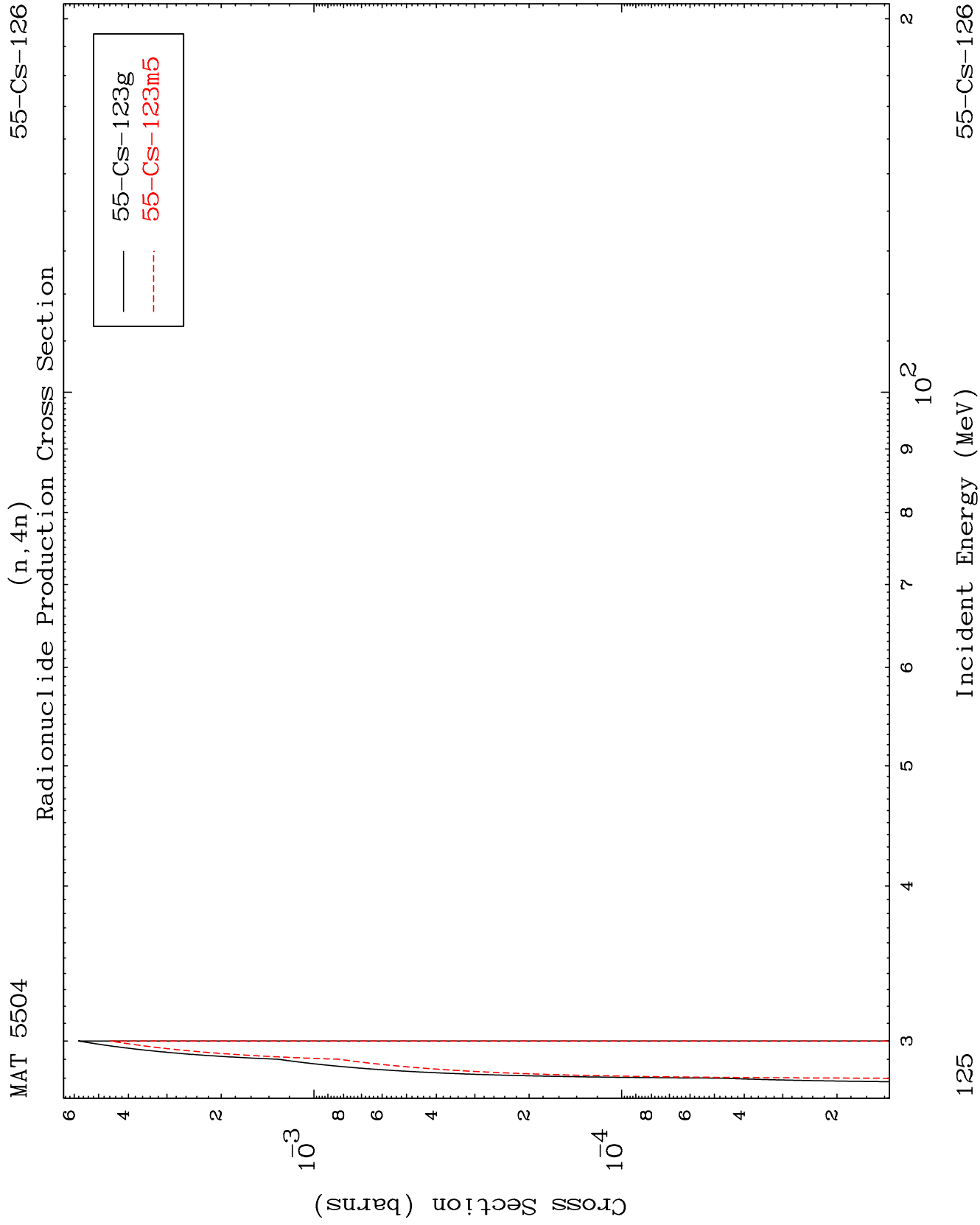
Radionuclide Production Cross Section



124

Incident Energy (MeV)

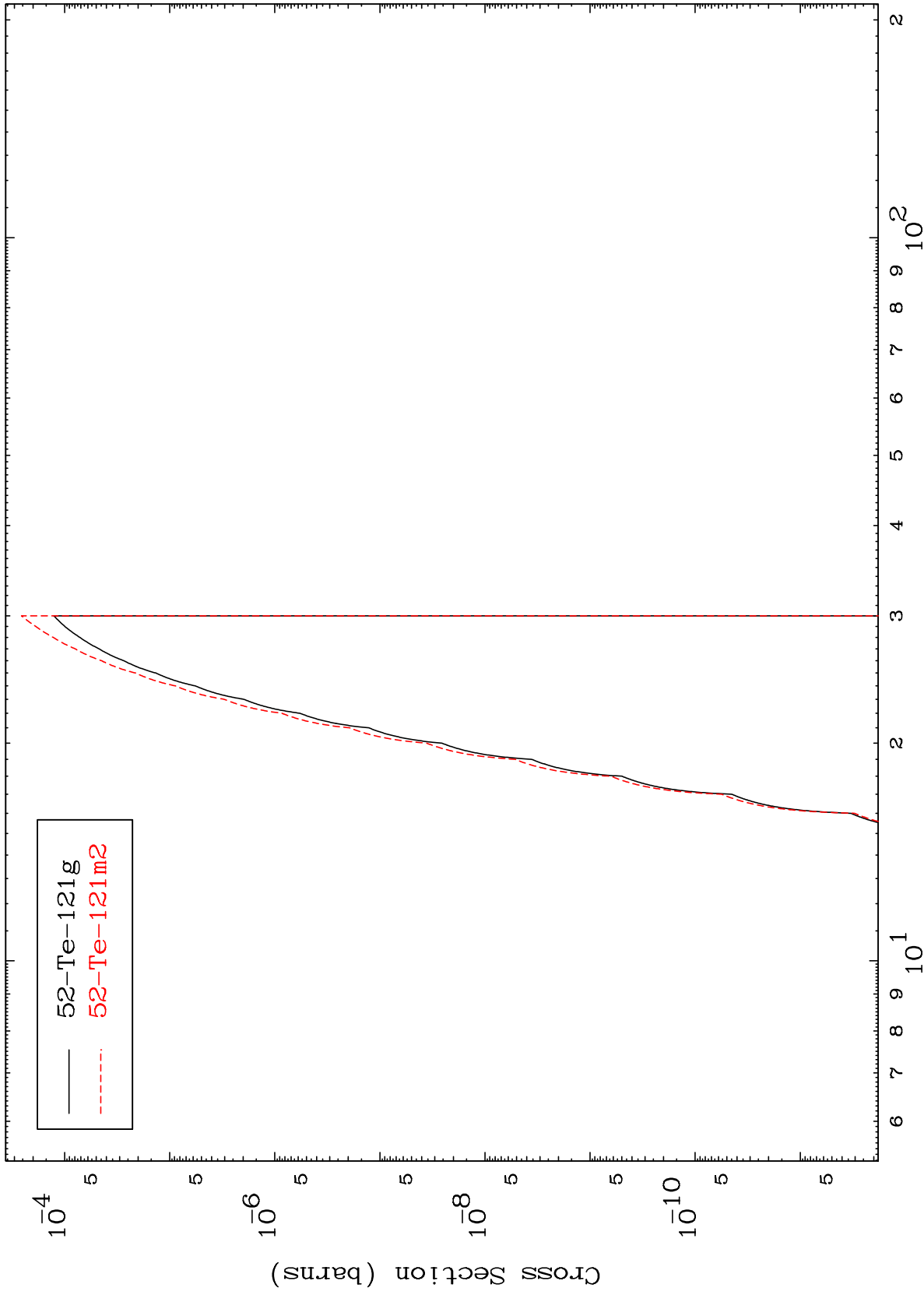
55-Cs-126



MAT 5504

55-Cs-126

(n,n') p α
Radionuclide Production Cross Section

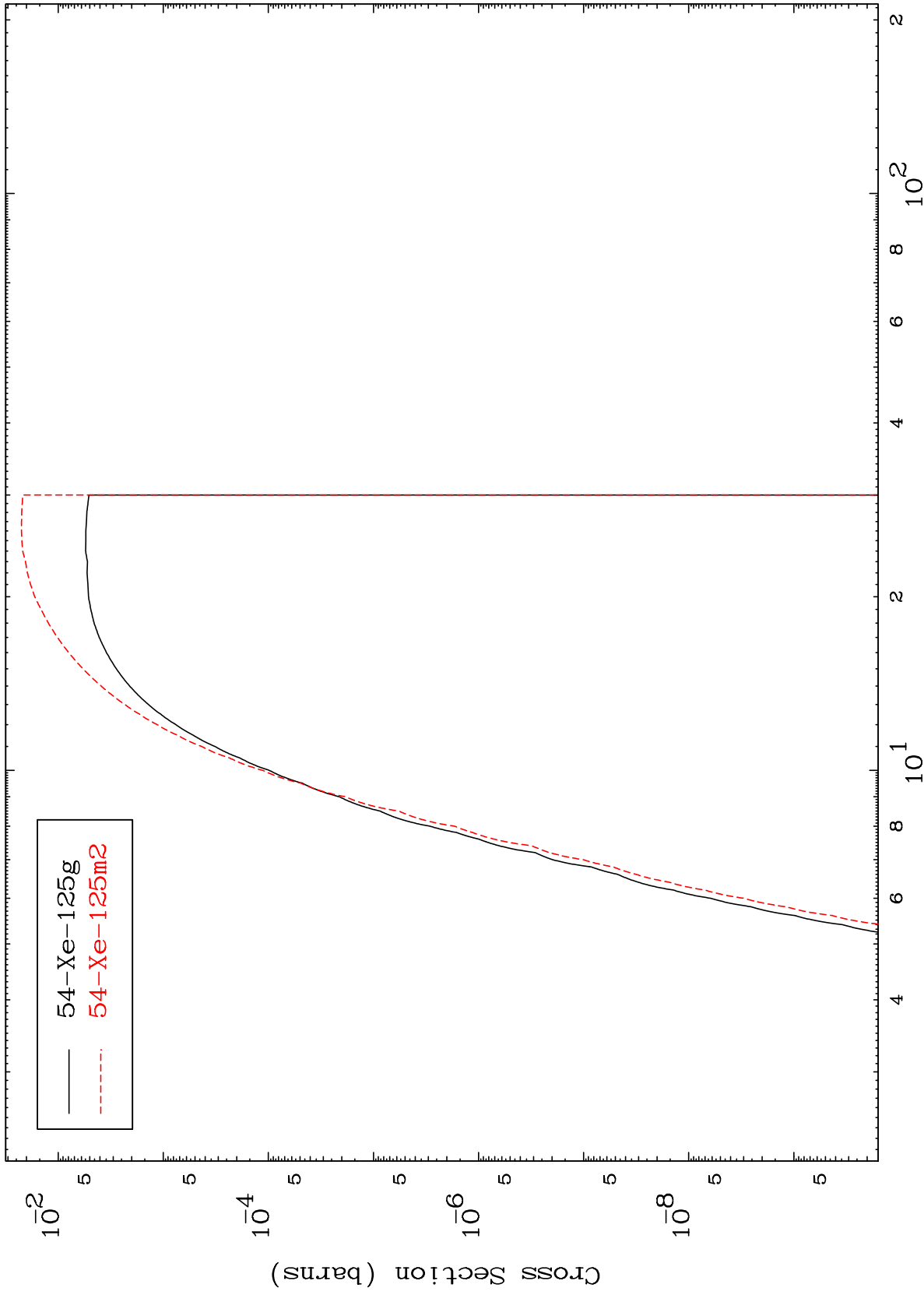


126

Incident Energy (MeV)

55-Cs-126

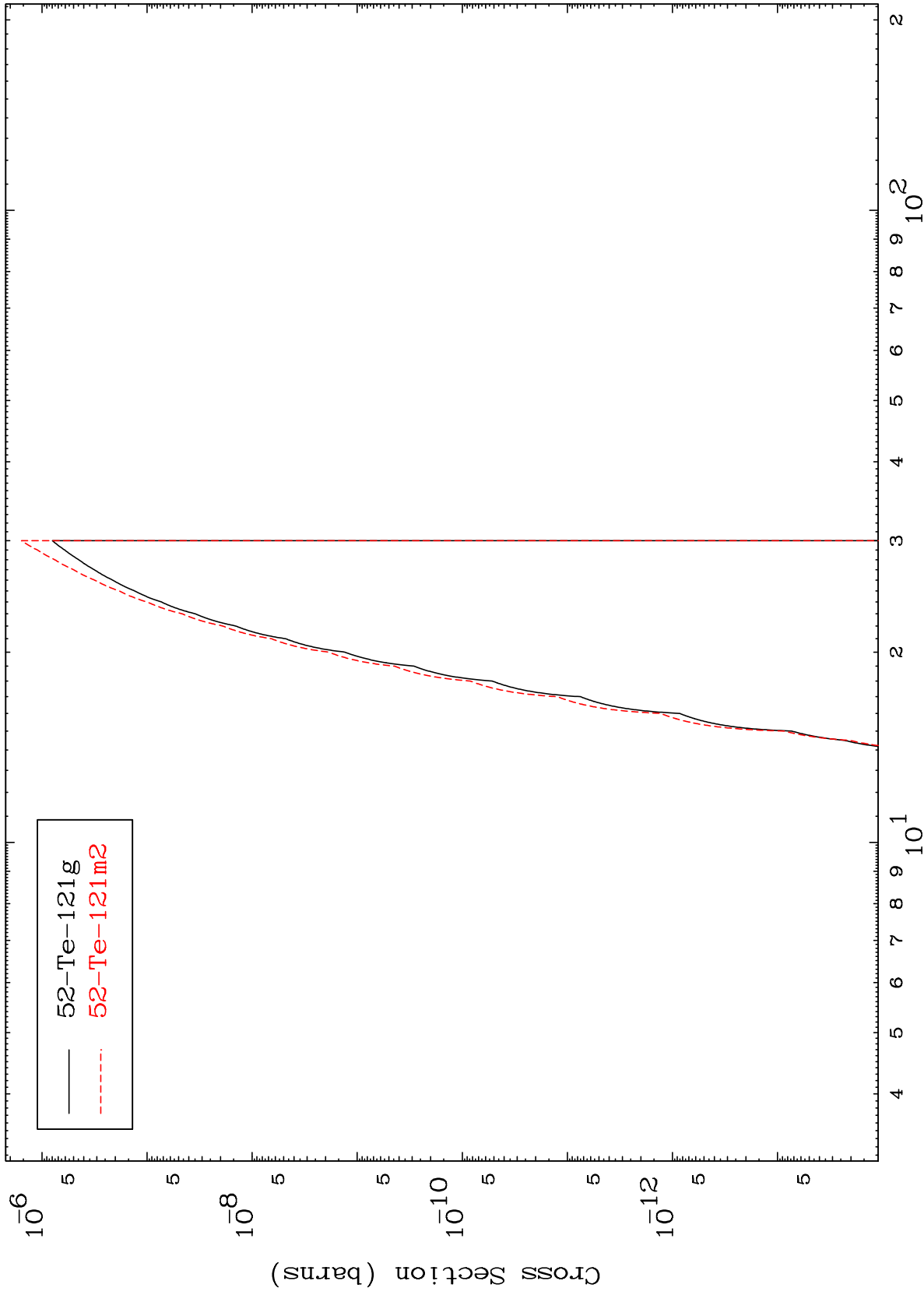
(n,d)
Radionuclide Production Cross Section



MAT 5504

55-Cs-126

(n,d) α
Radionuclide Production Cross Section



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Incident Energy (MeV)

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