

Program EVALPLOT
(Version 2021-1)

by

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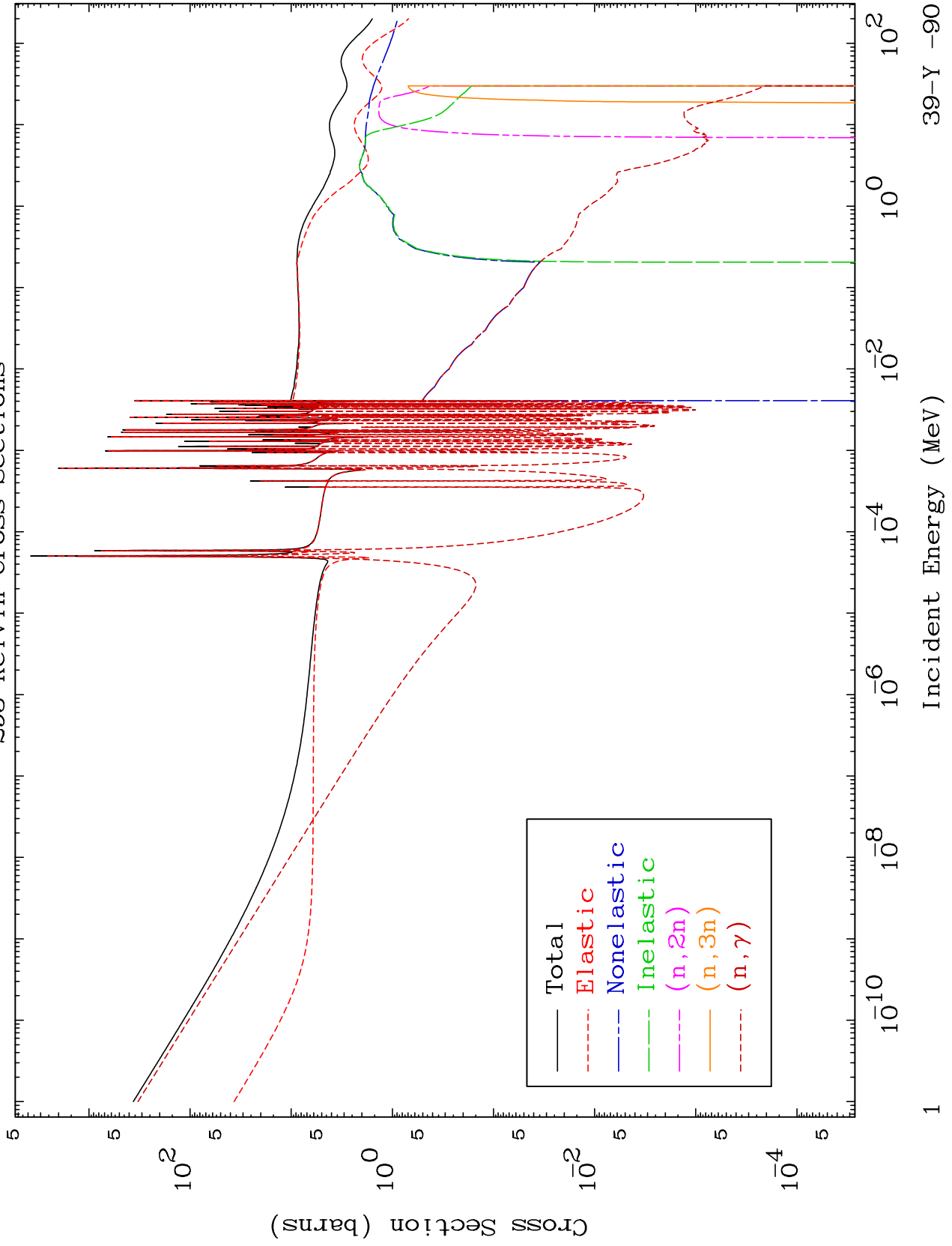
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3928

Neutron Major
293 Kelvin Cross Sections

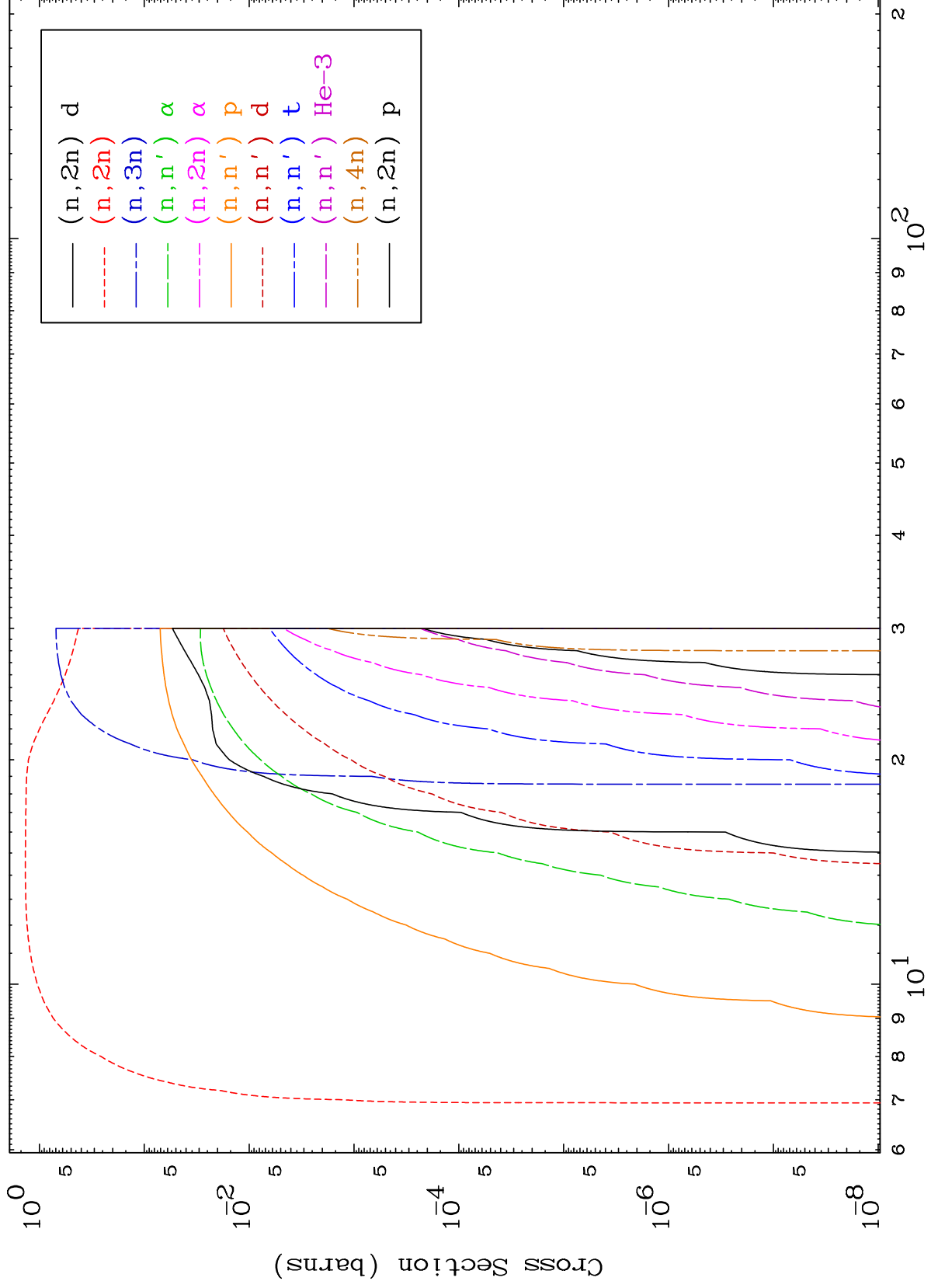
39-Y -90



MAT 3928

Neutron Absorption
293 Kelvin Cross Sections

39-Y -90



2

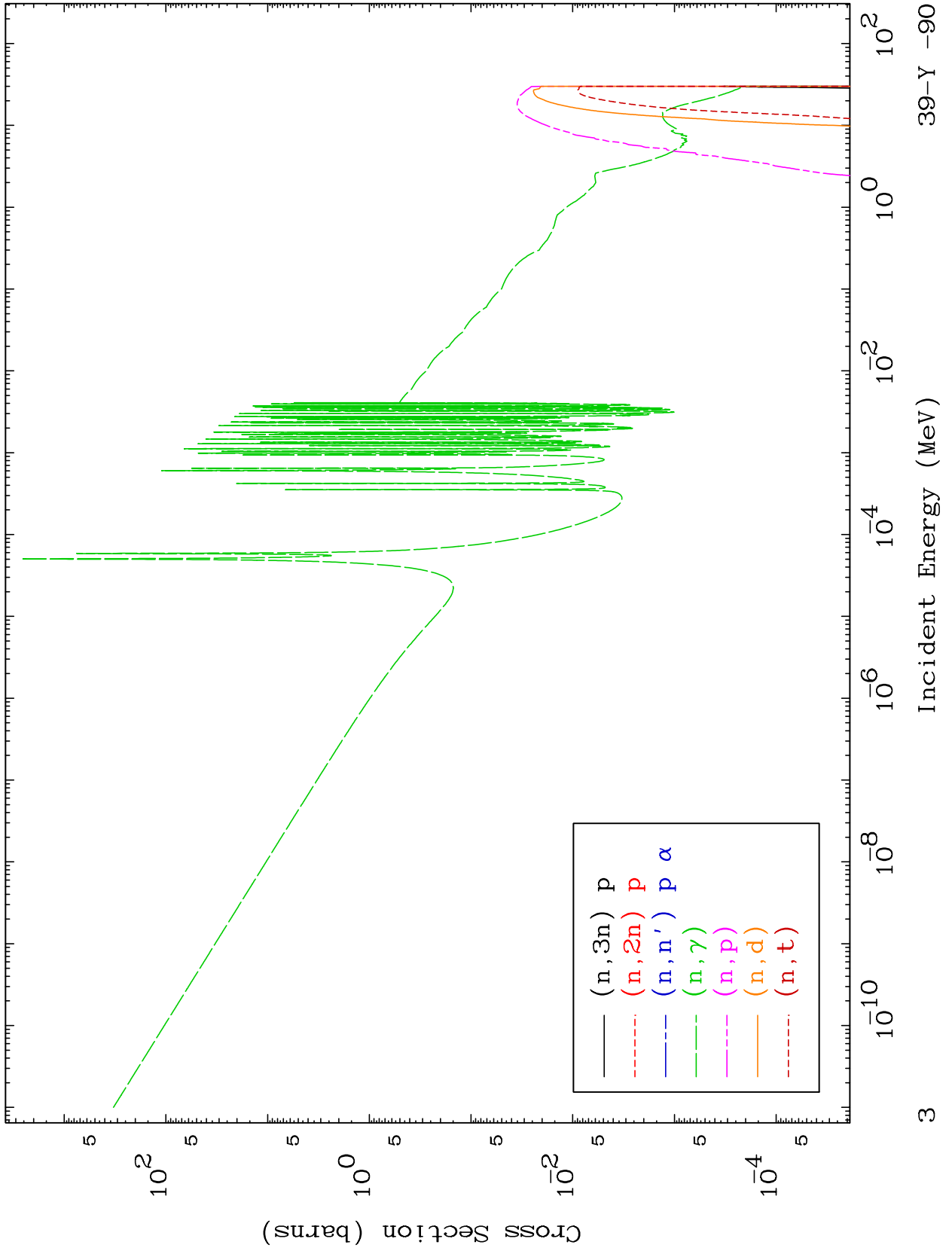
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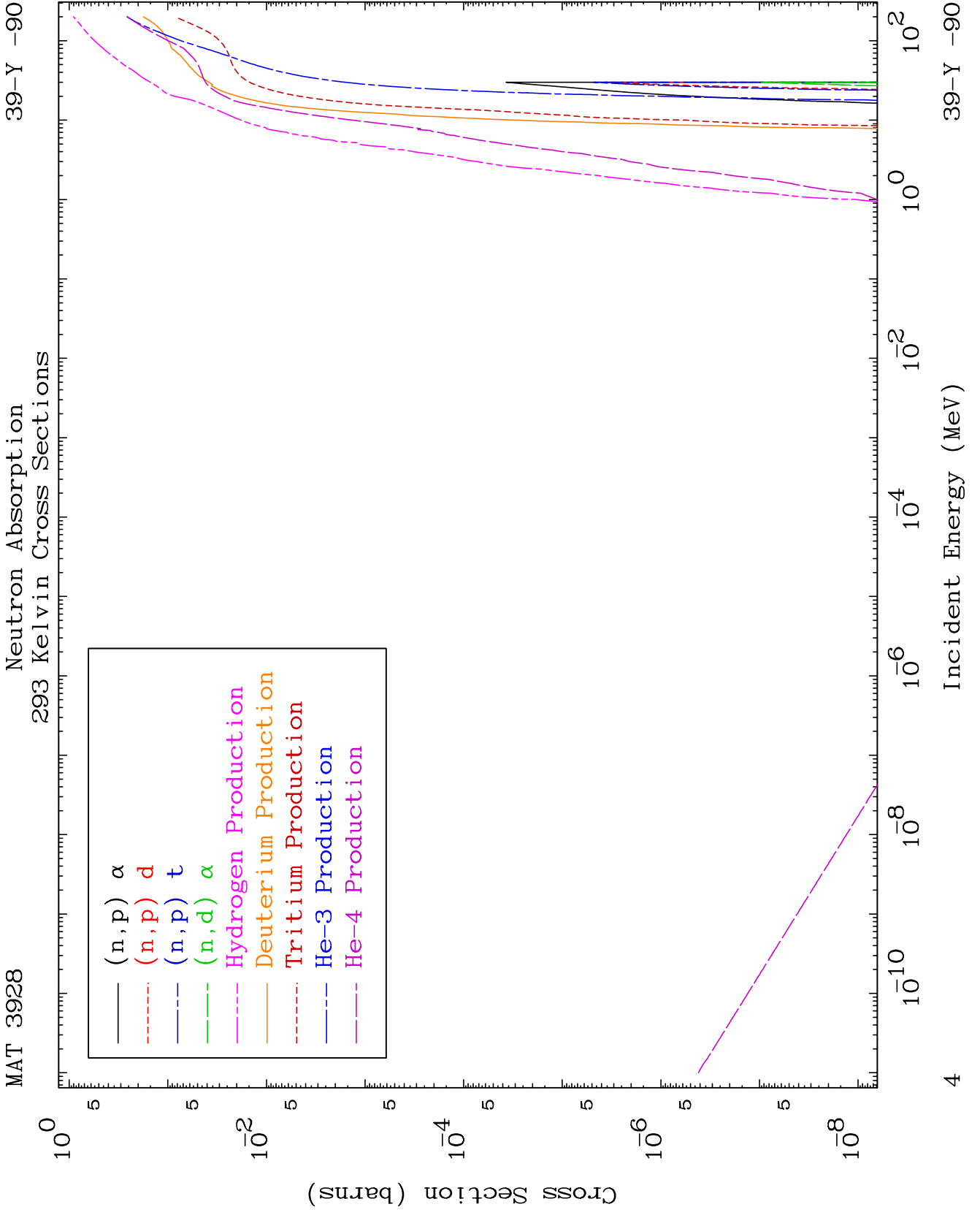
39-Y -90

MAT 3928

Neutron Absorption
293 Kelvin Cross Sections

39-Y -90

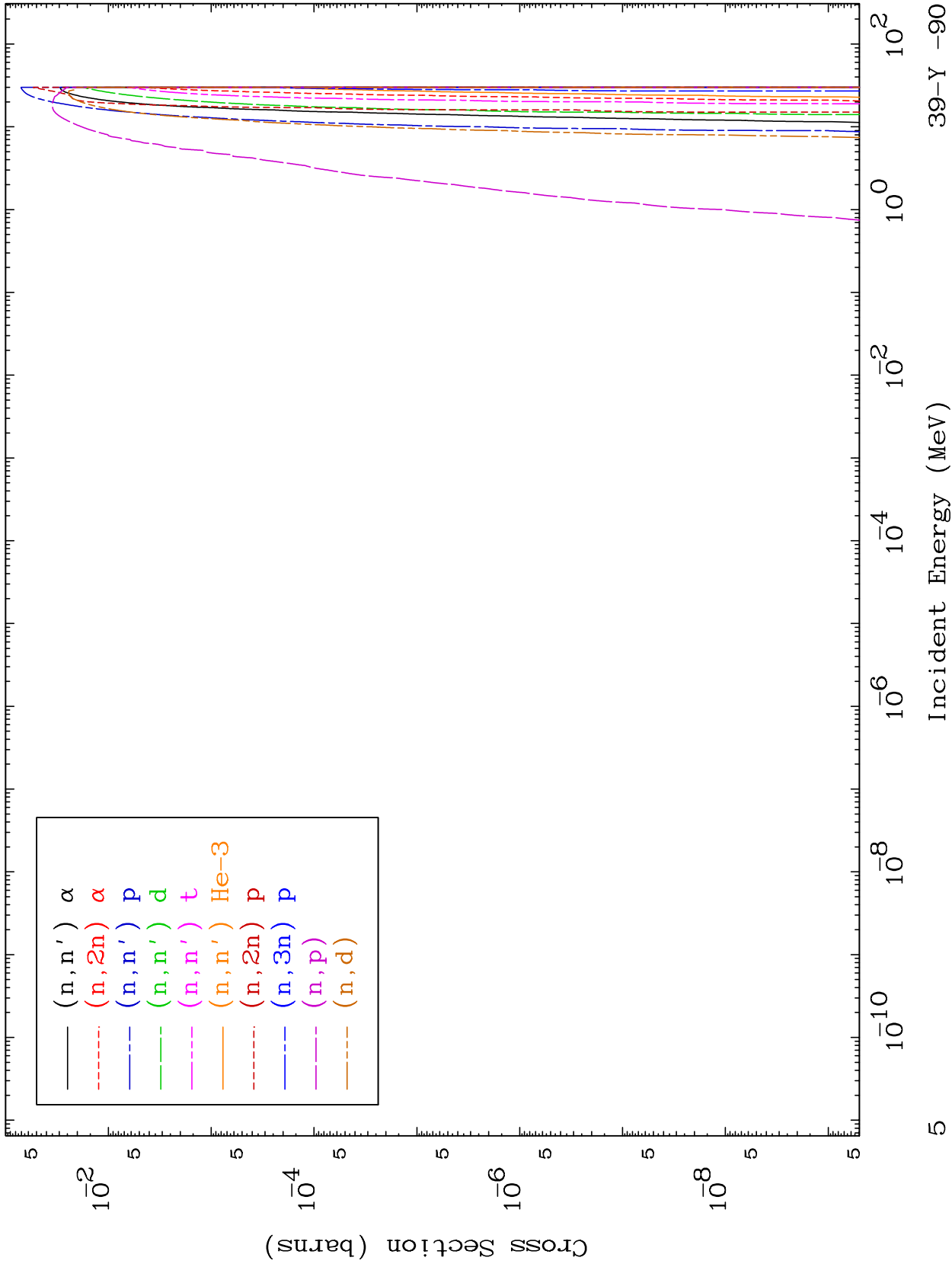




MAT 3928

Charged Particle
293 Kelvin Cross Sections

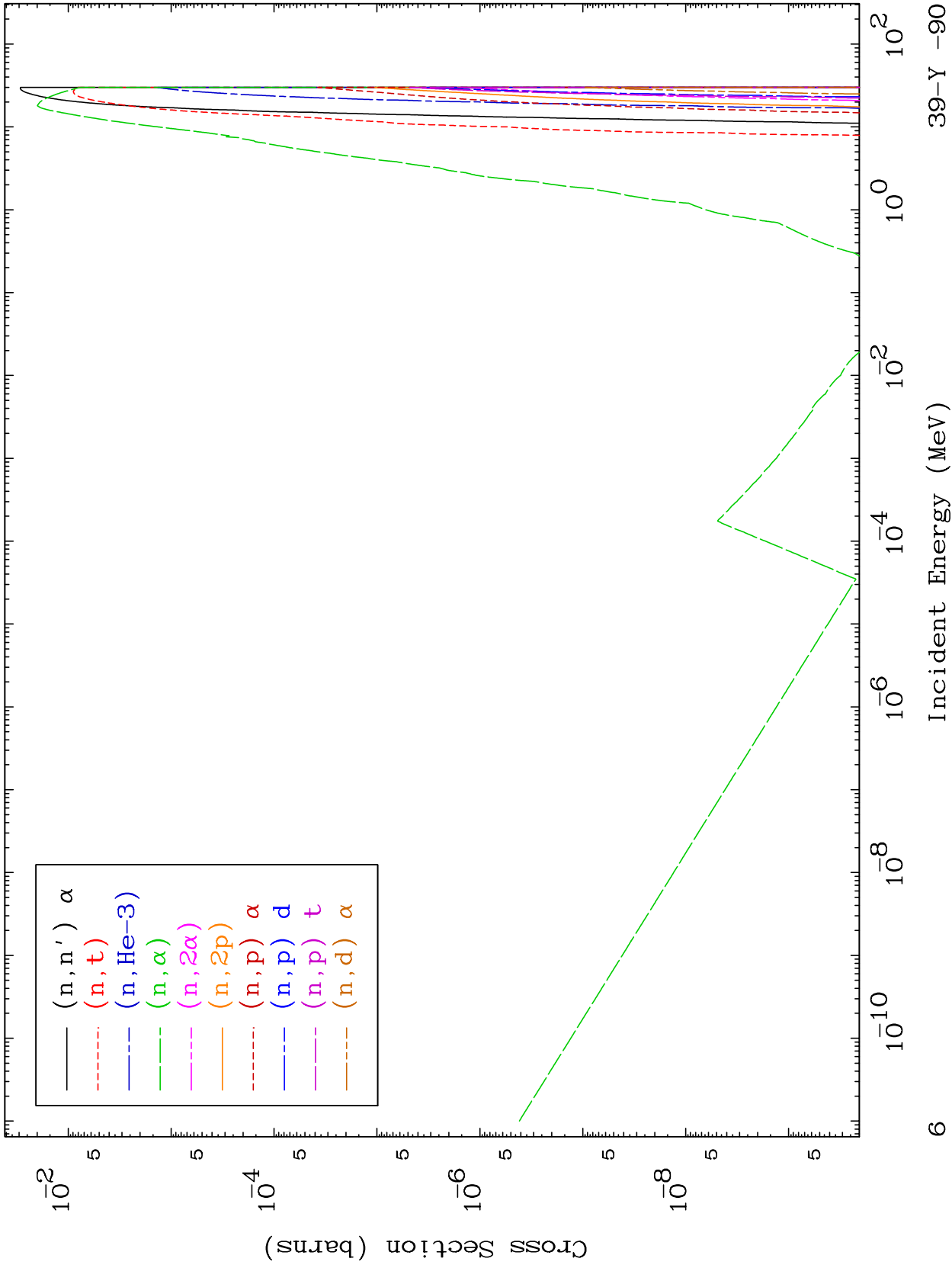
39-Y -90



MAT 3928

Charged Particle
293 Kelvin Cross Sections

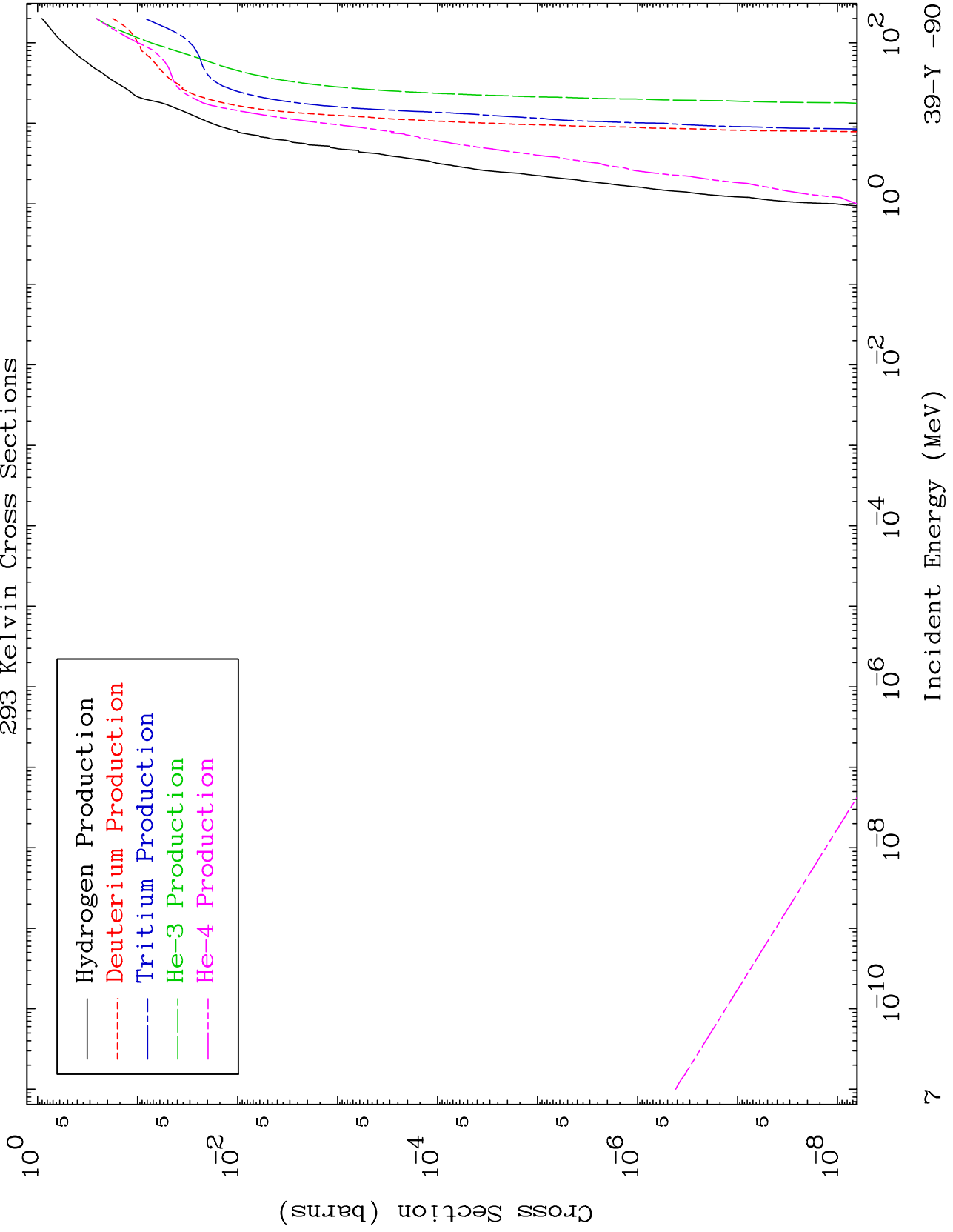
39-Y -90



MAT 3928

Particle Production
293 Kelvin Cross Sections

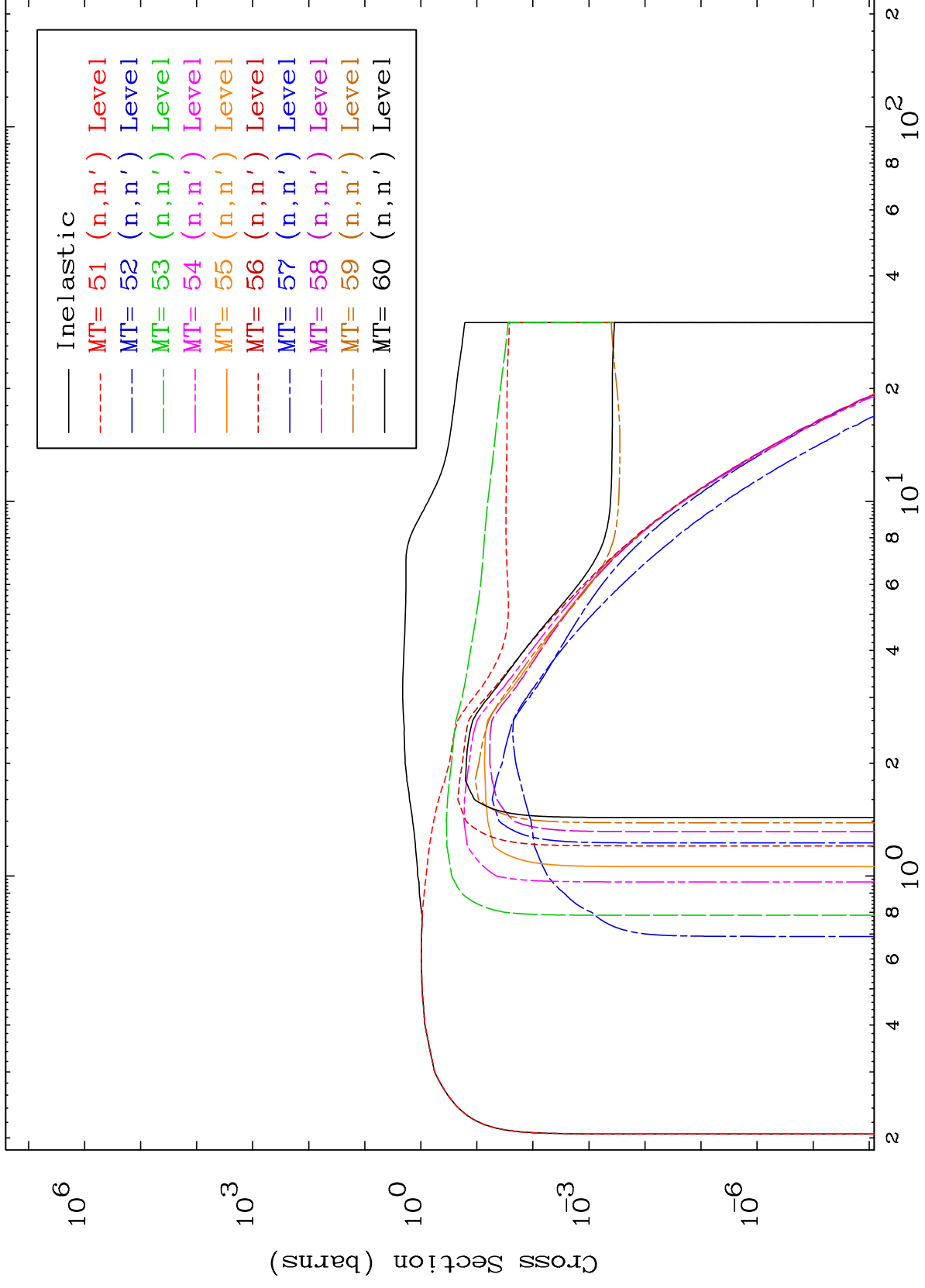
39-Y -90



MAT 3928

(n,n') Levels
293 Kelvin Cross Sections

39-Y -90



8

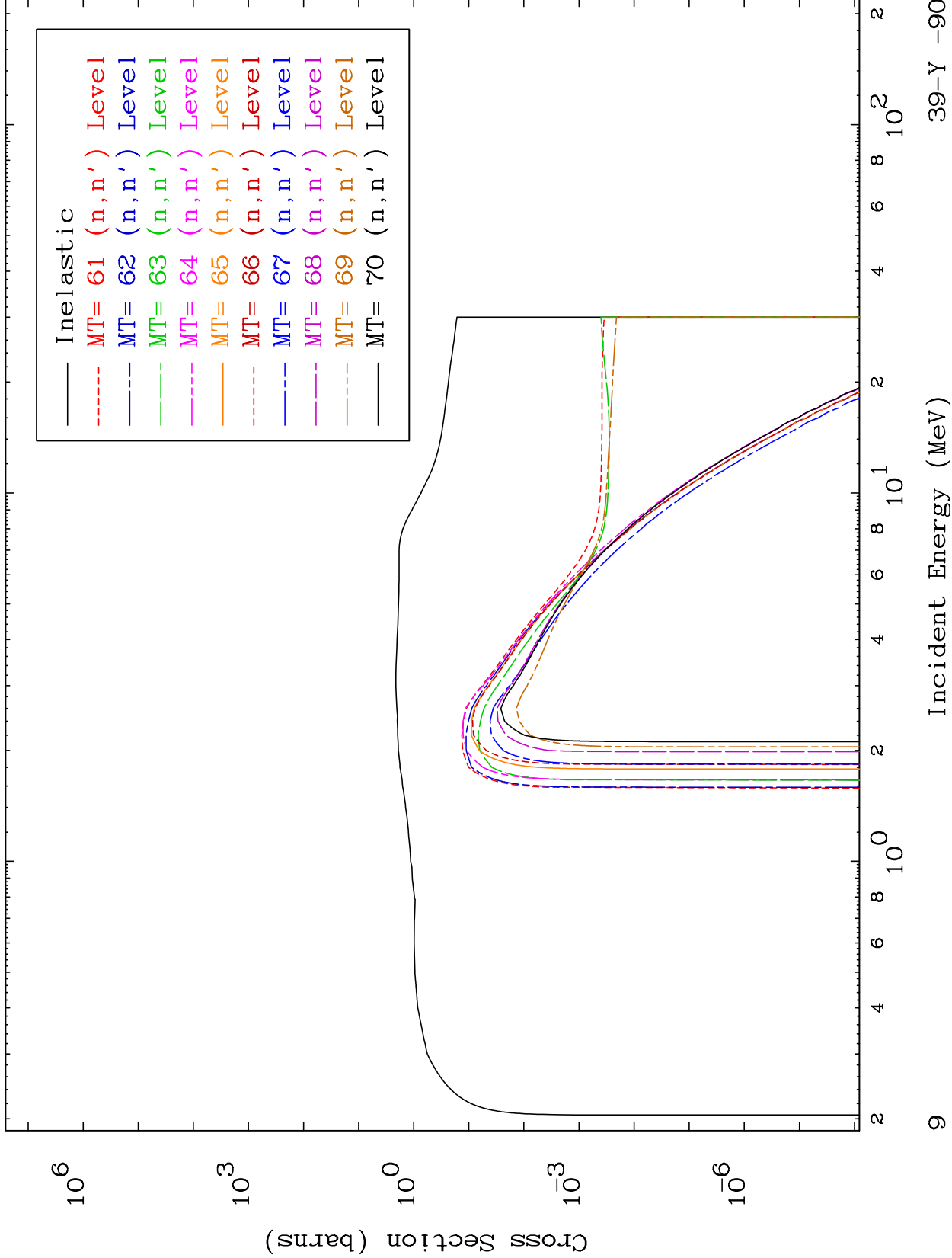
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,n') Levels
293 Kelvin Cross Sections

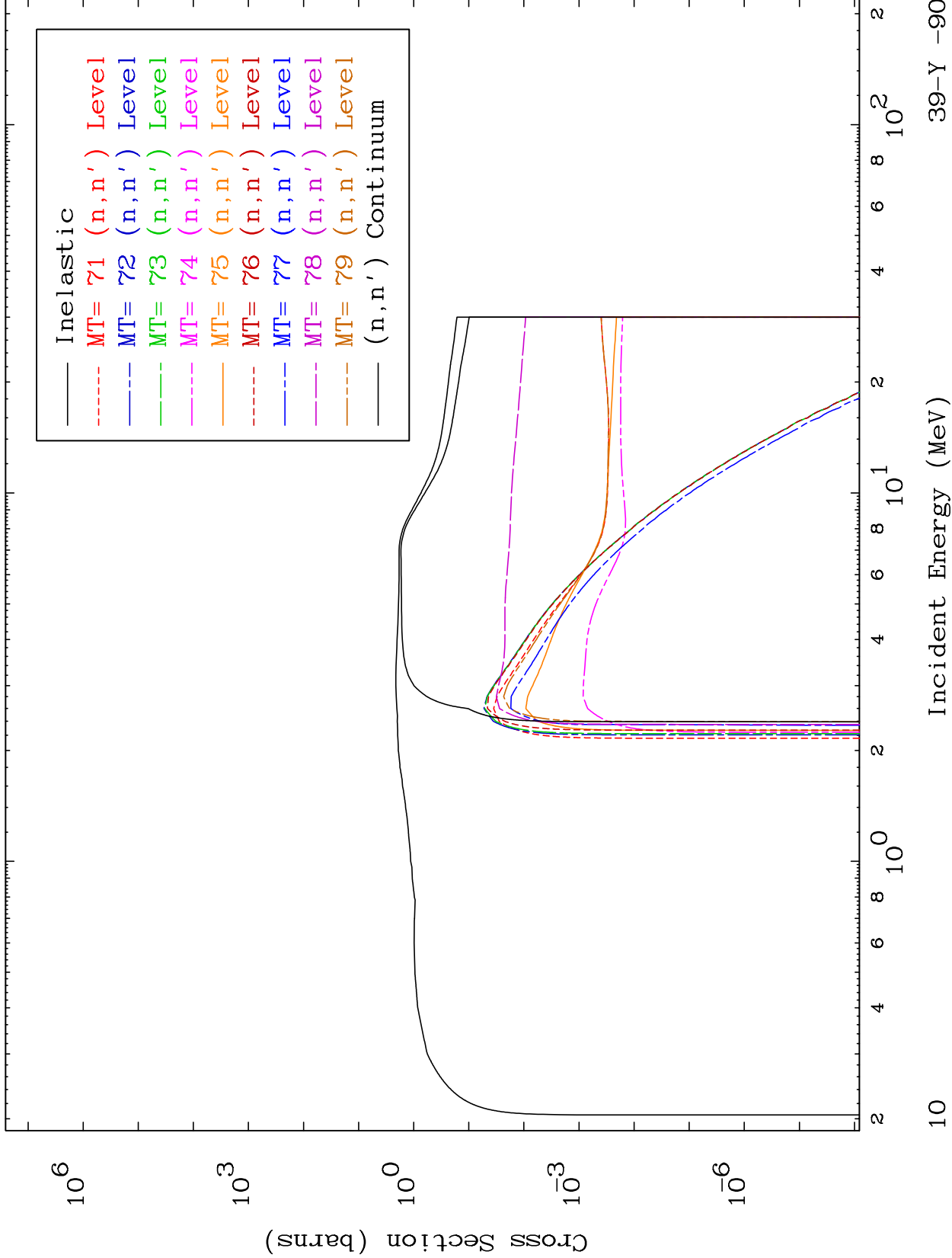
39-Y -90



MAT 3928

(n,n') Levels
293 Kelvin Cross Sections

39-Y -90

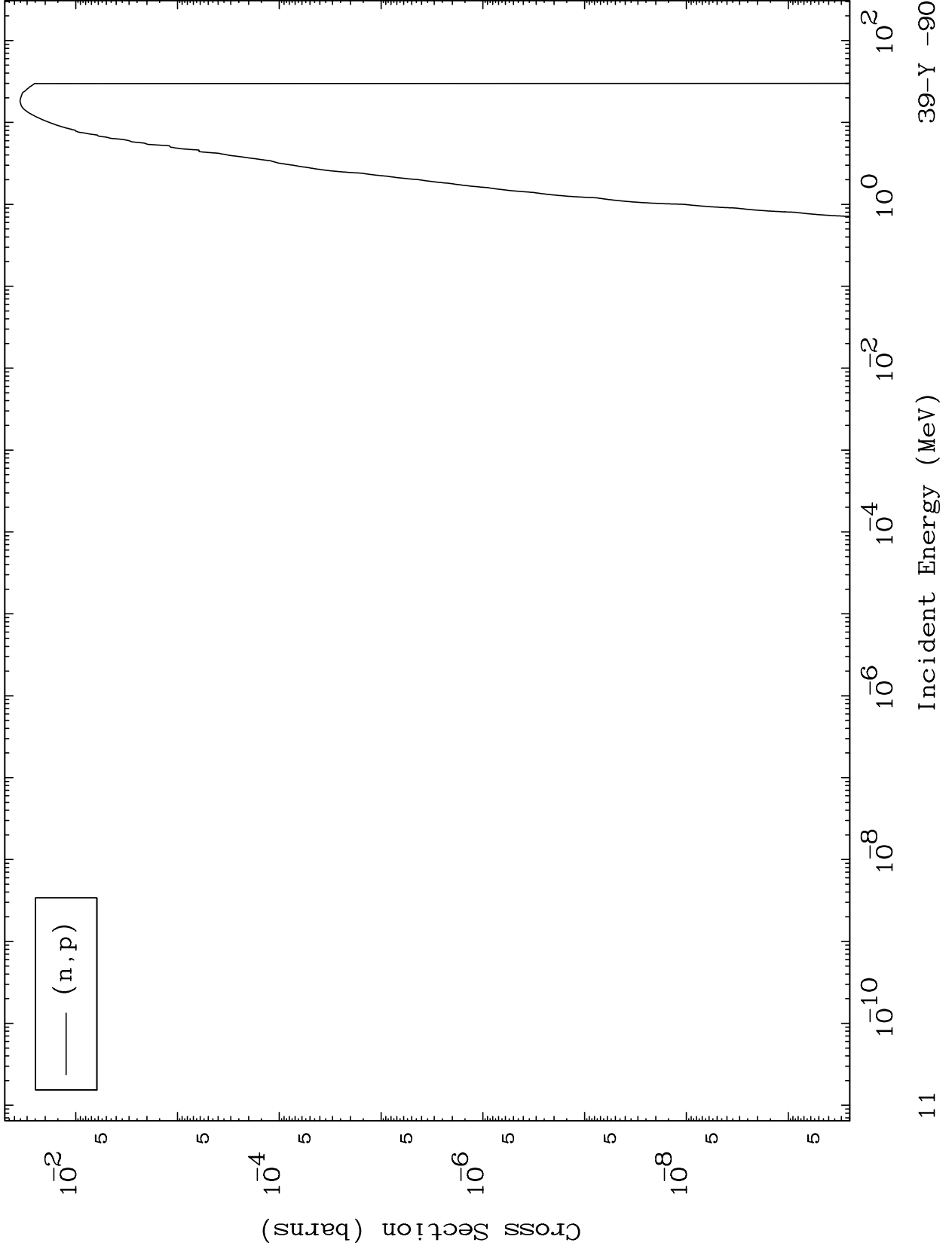


10

MAT 3928

(n,p) Levels
293 Kelvin Cross Sections

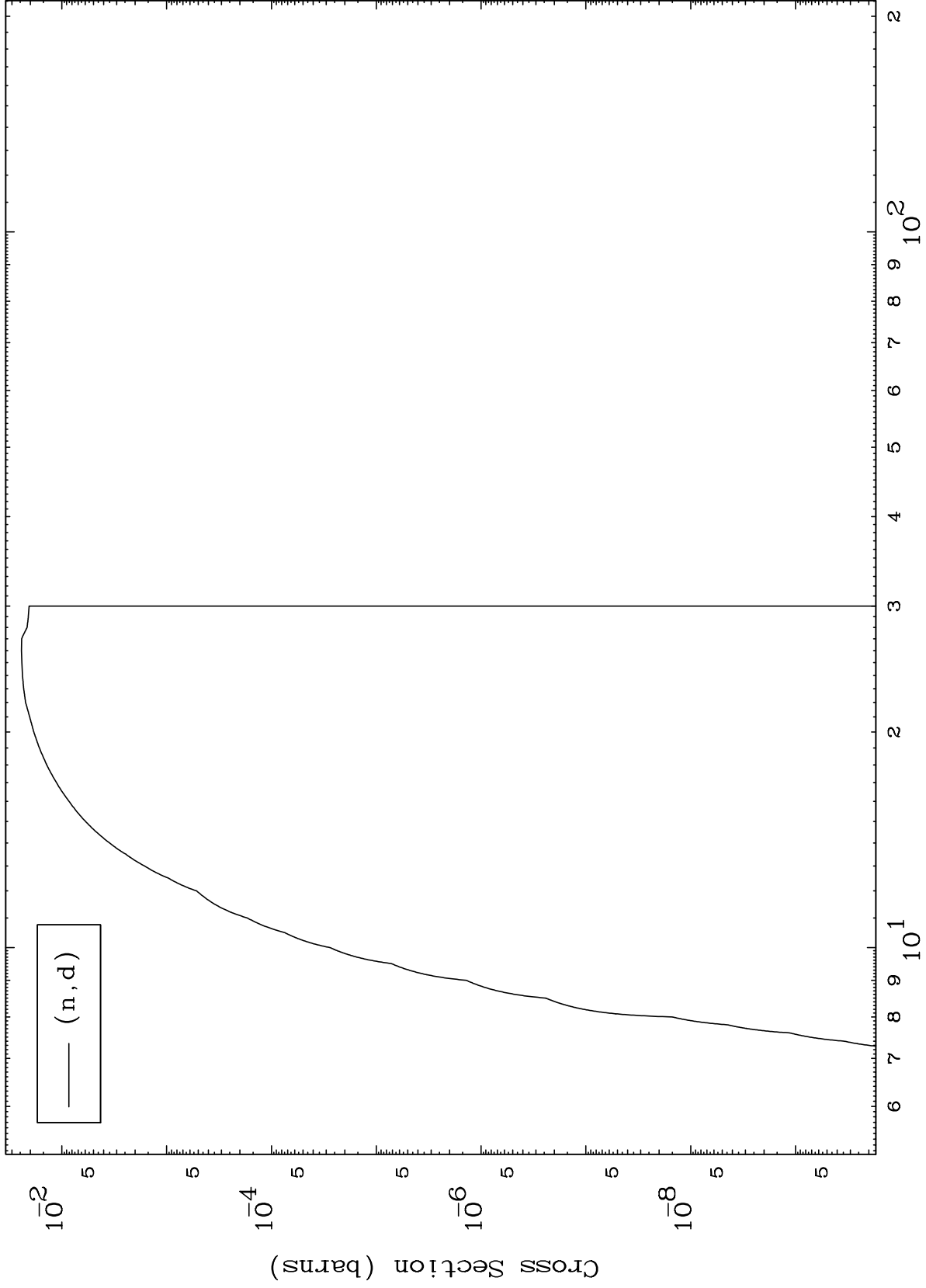
39-Y -90



MAT 3928

(n,d) Levels
293 Kelvin Cross Sections

39-Y -90



12

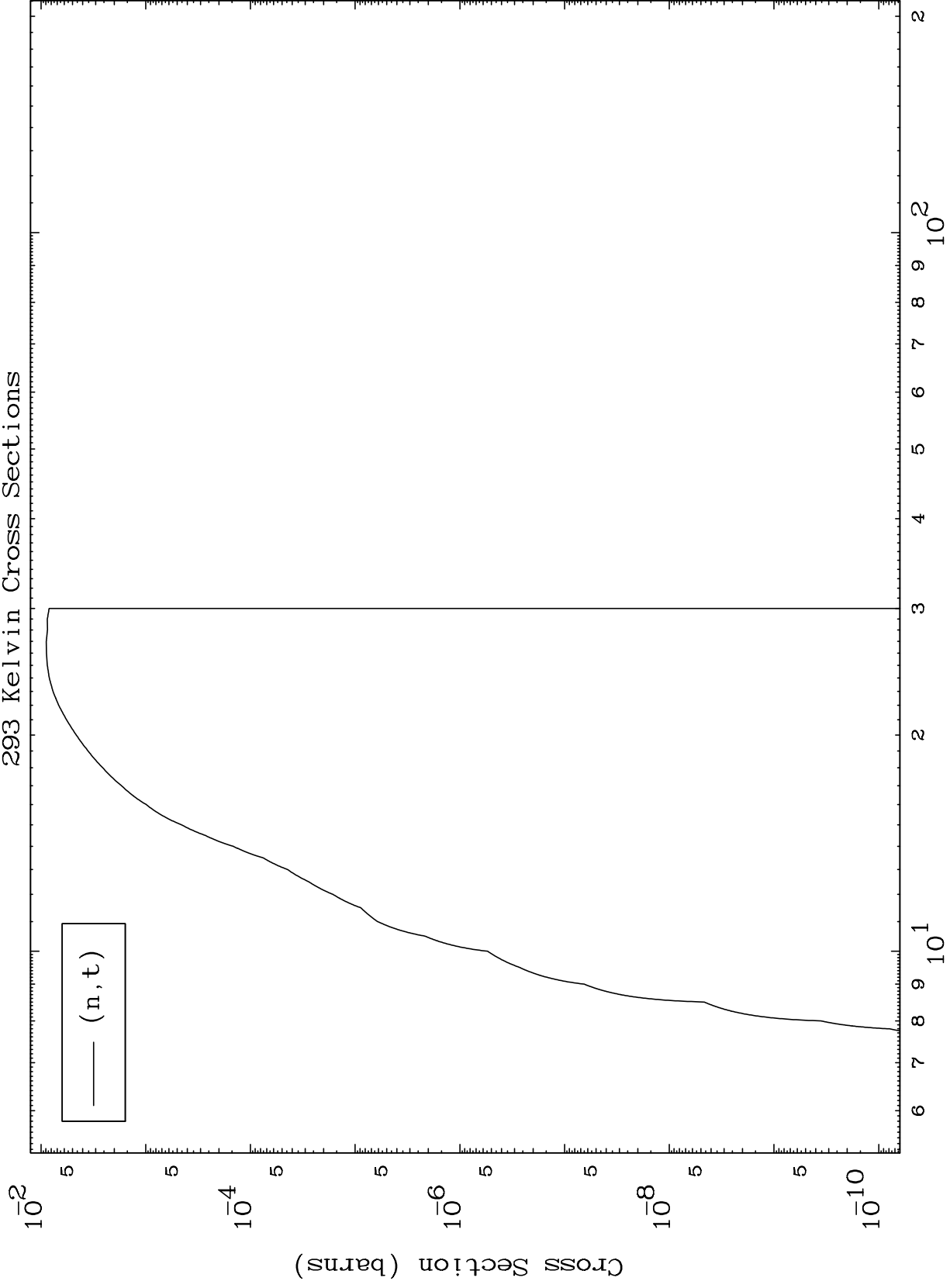
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,t) Levels
293 Kelvin Cross Sections

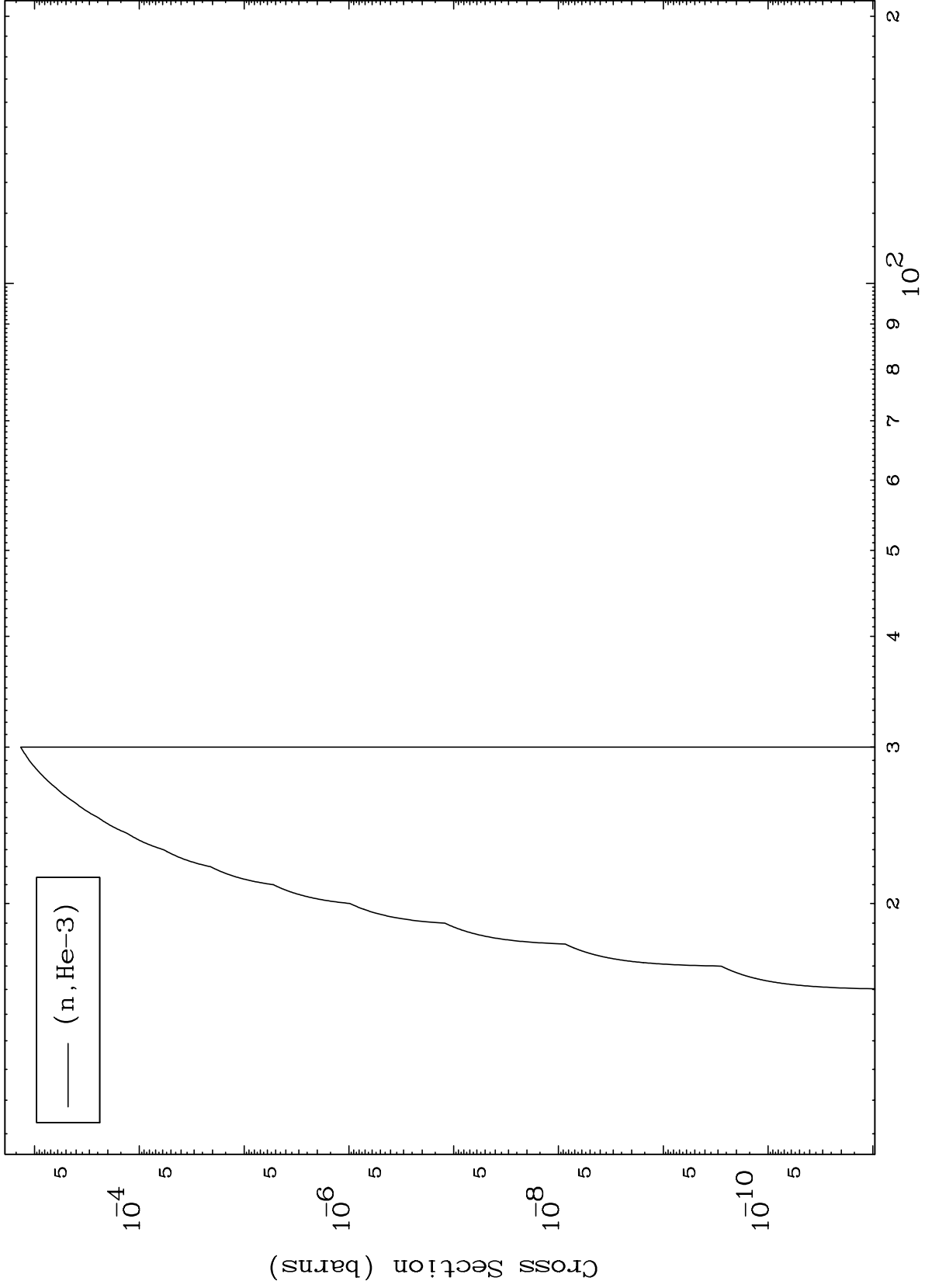
39-Y -90



13

Incident Energy (MeV)

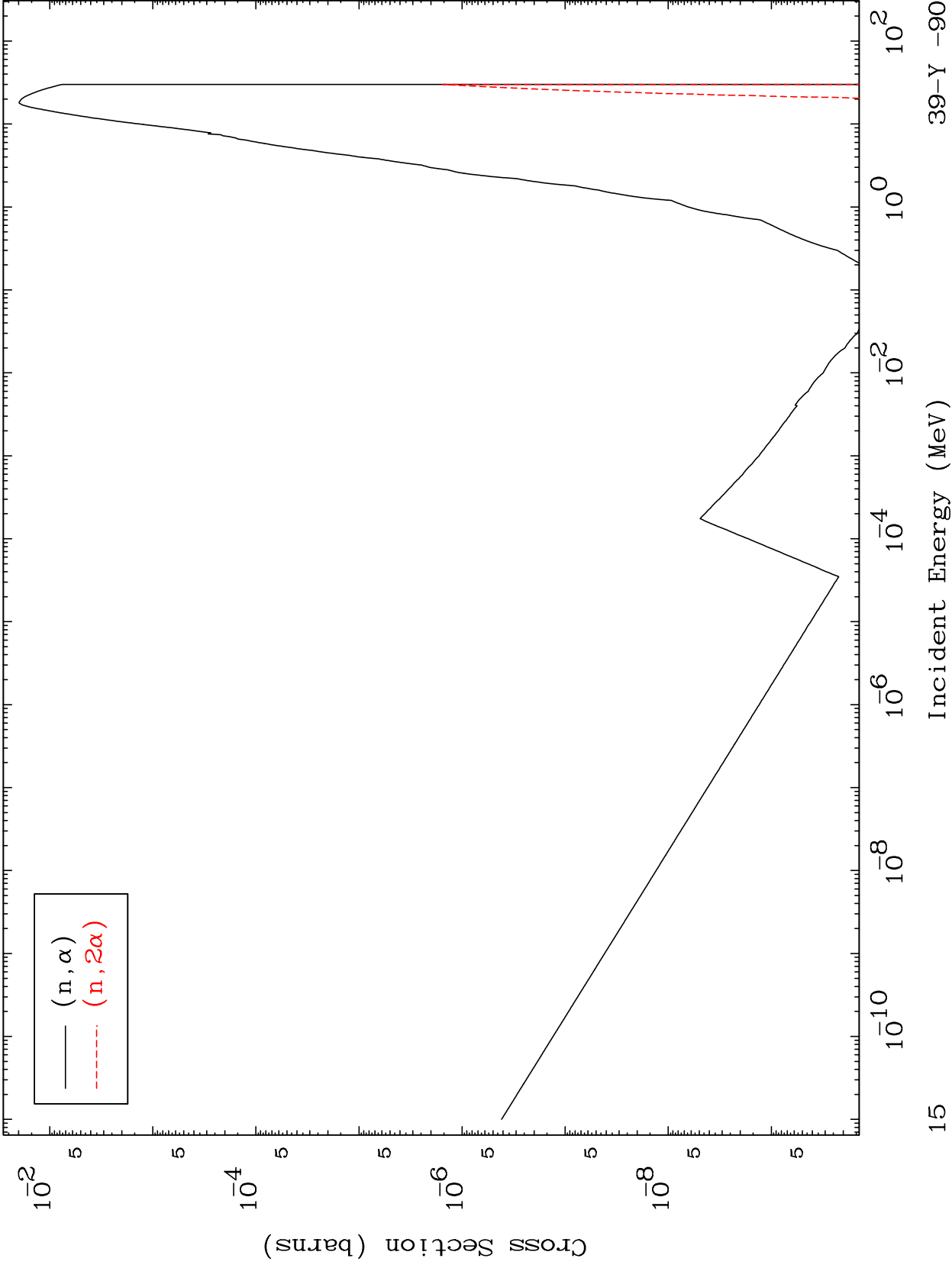
39-Y -90



MAT 3928

(n, α) Levels
293 Kelvin Cross Sections

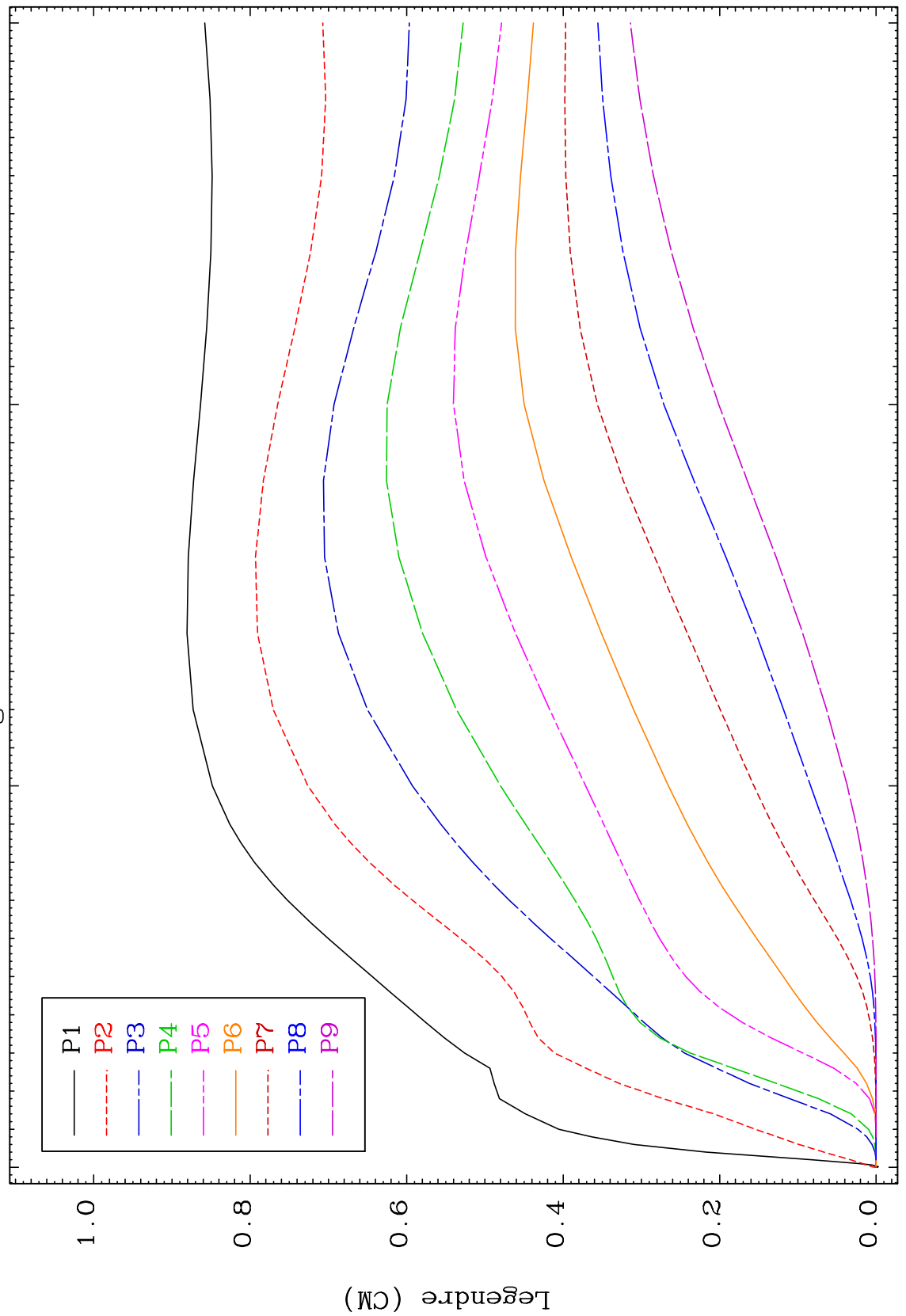
39-Y -90



MAT 3928

Elastic Legendre Coefficients

39-Y -90



16

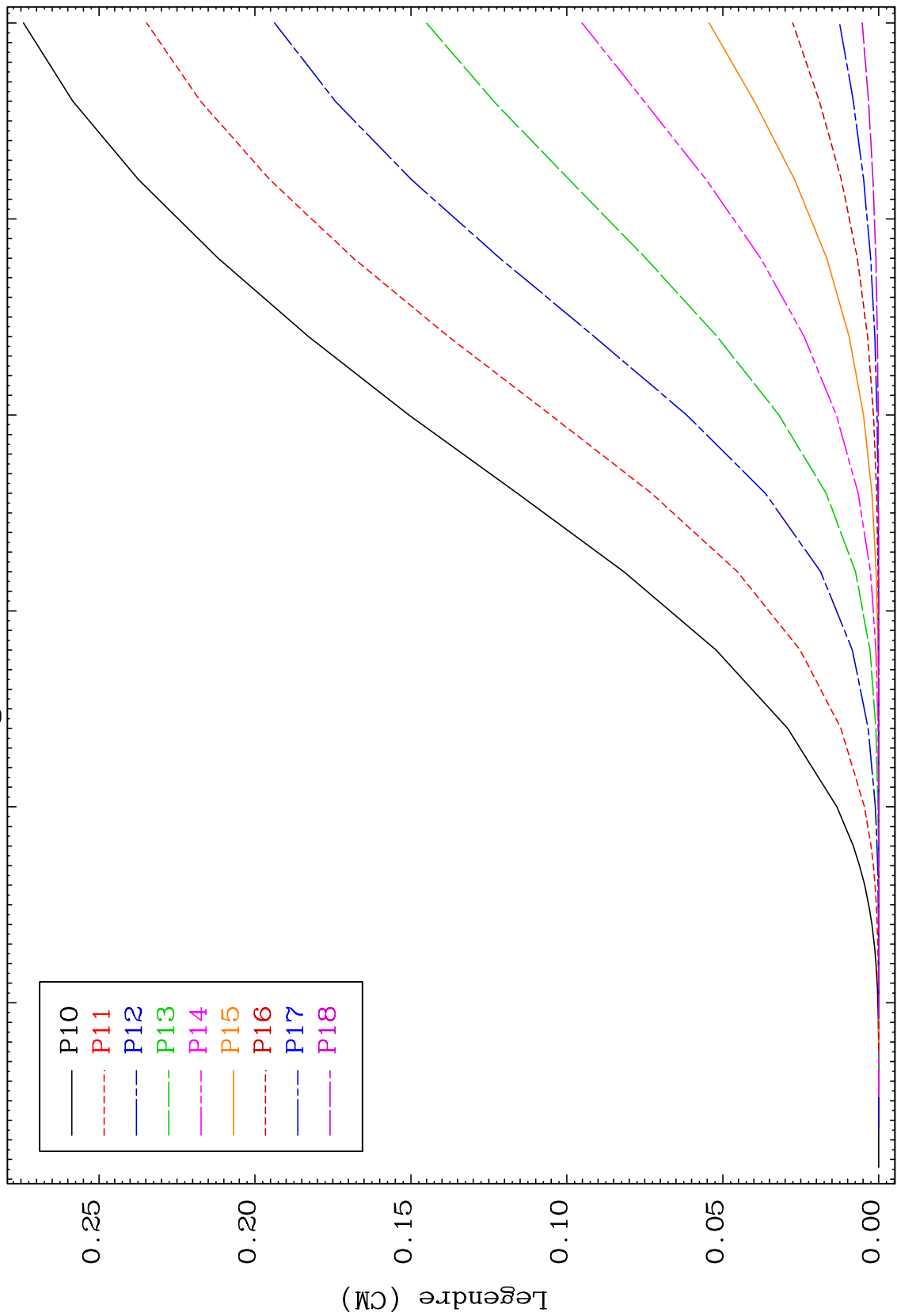
Incident Energy (MeV)

39-Y -90

MAT 3928

Elastic Legendre Coefficients

39-Y -90



17

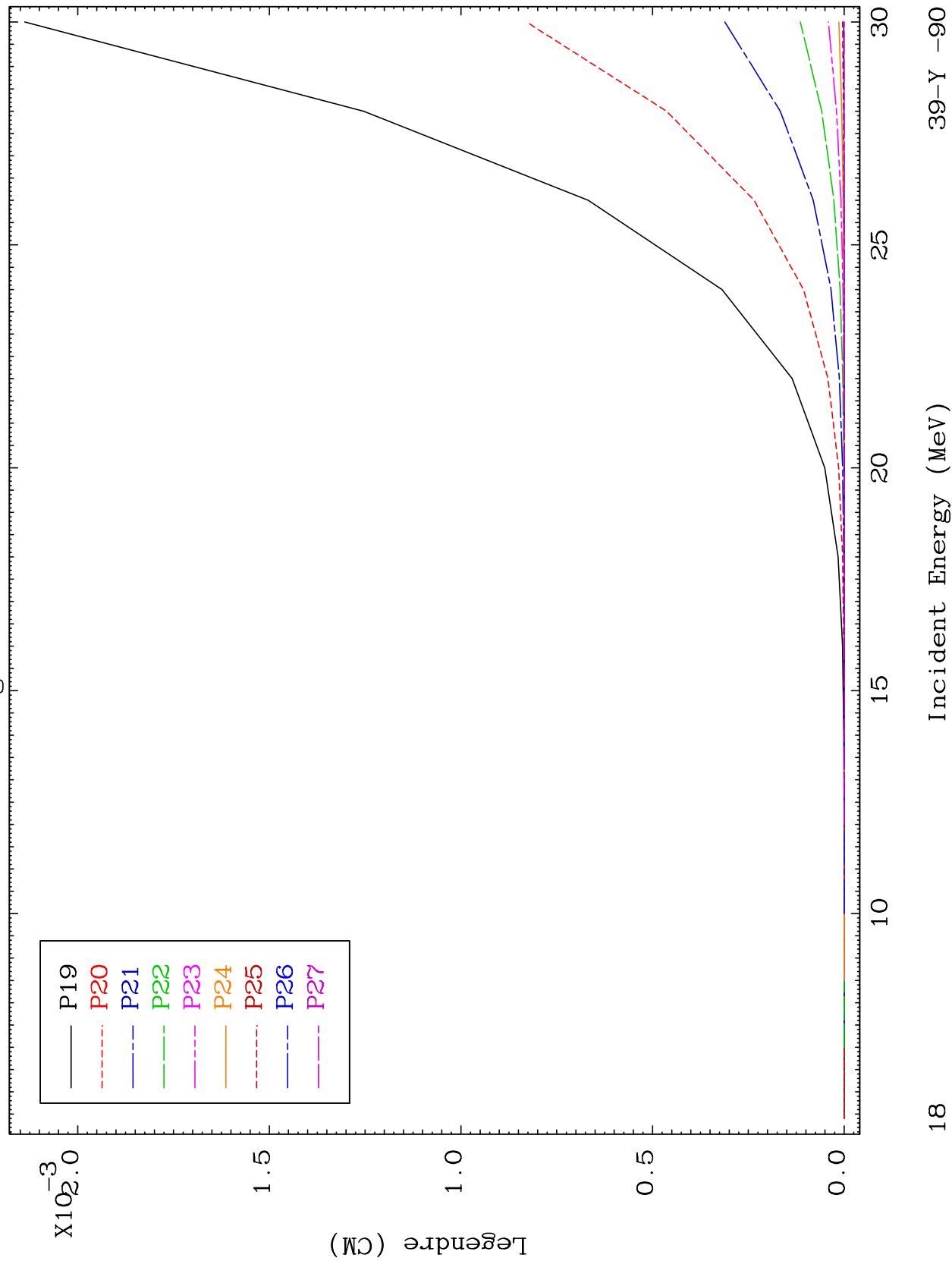
Incident Energy (MeV)

39-Y -90

MAT 3928

Elastic Legendre Coefficients

39-Y -90



18

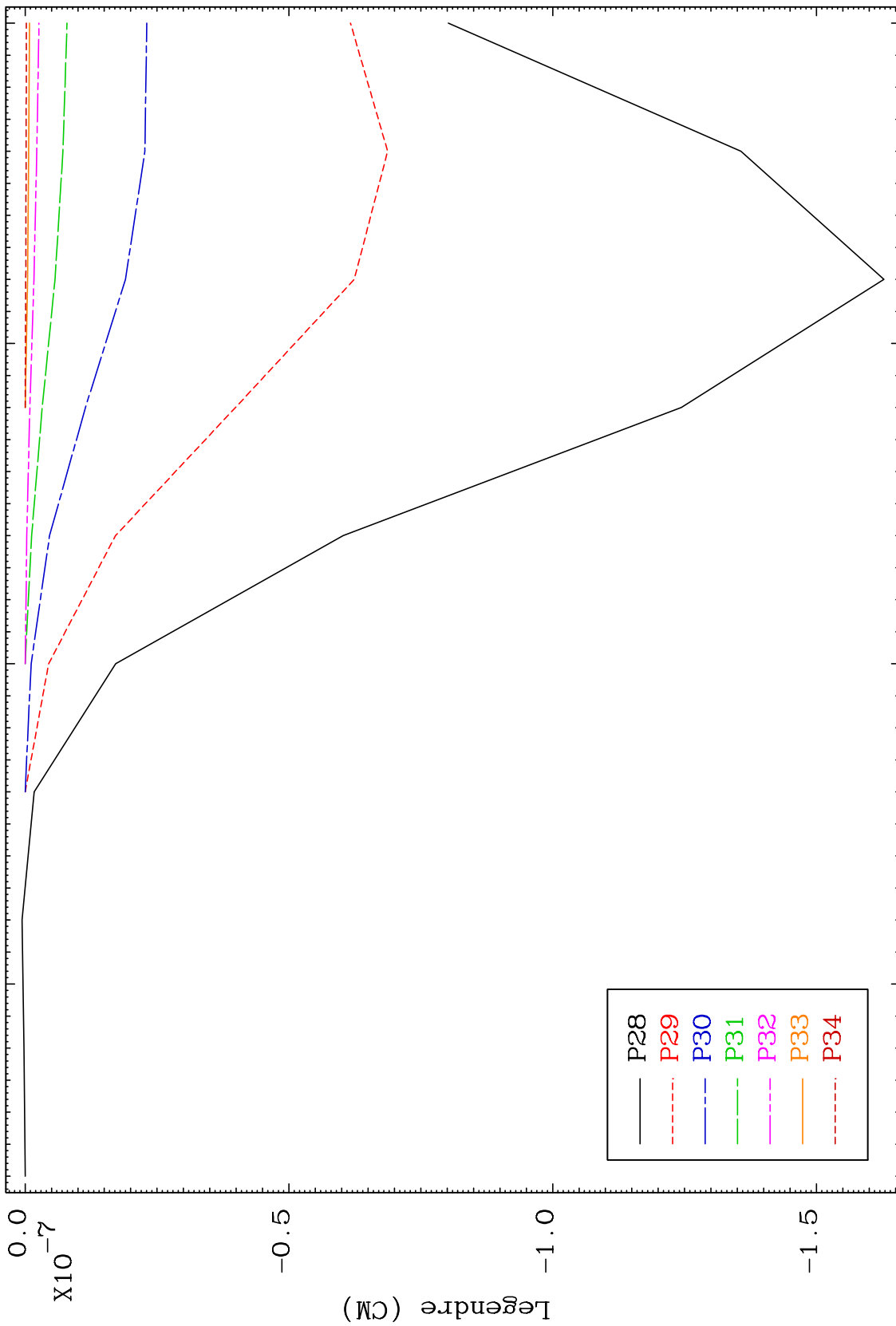
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

Elastic Legendre Coefficients

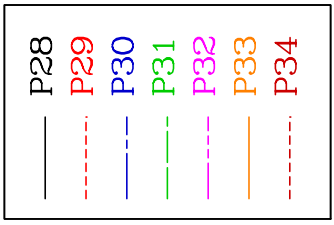


Legendre (CM)
 $\times 10^{-7}$

Incident Energy (MeV)

39-Y -90

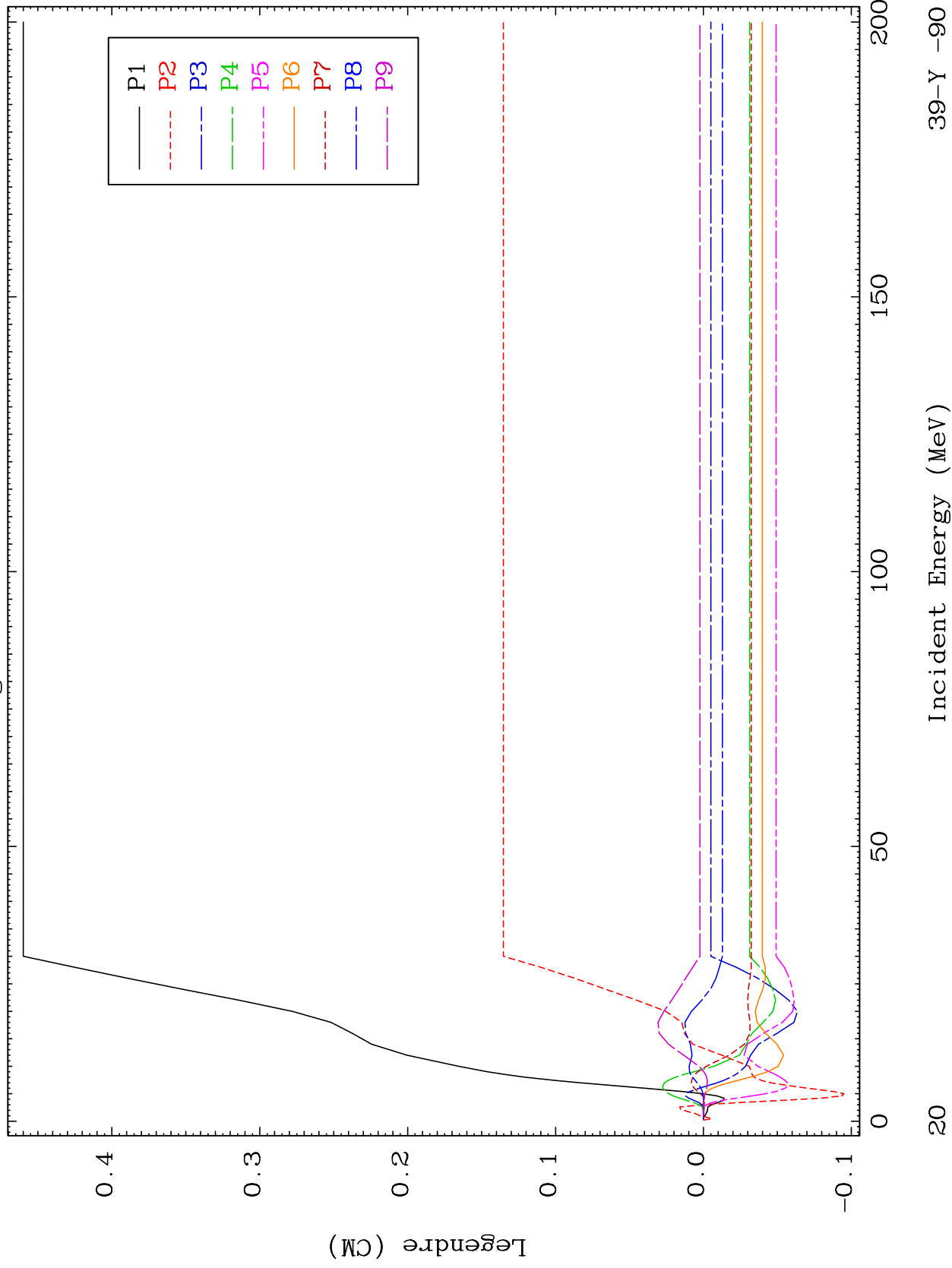
19



MAT 3928

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

39-Y -90

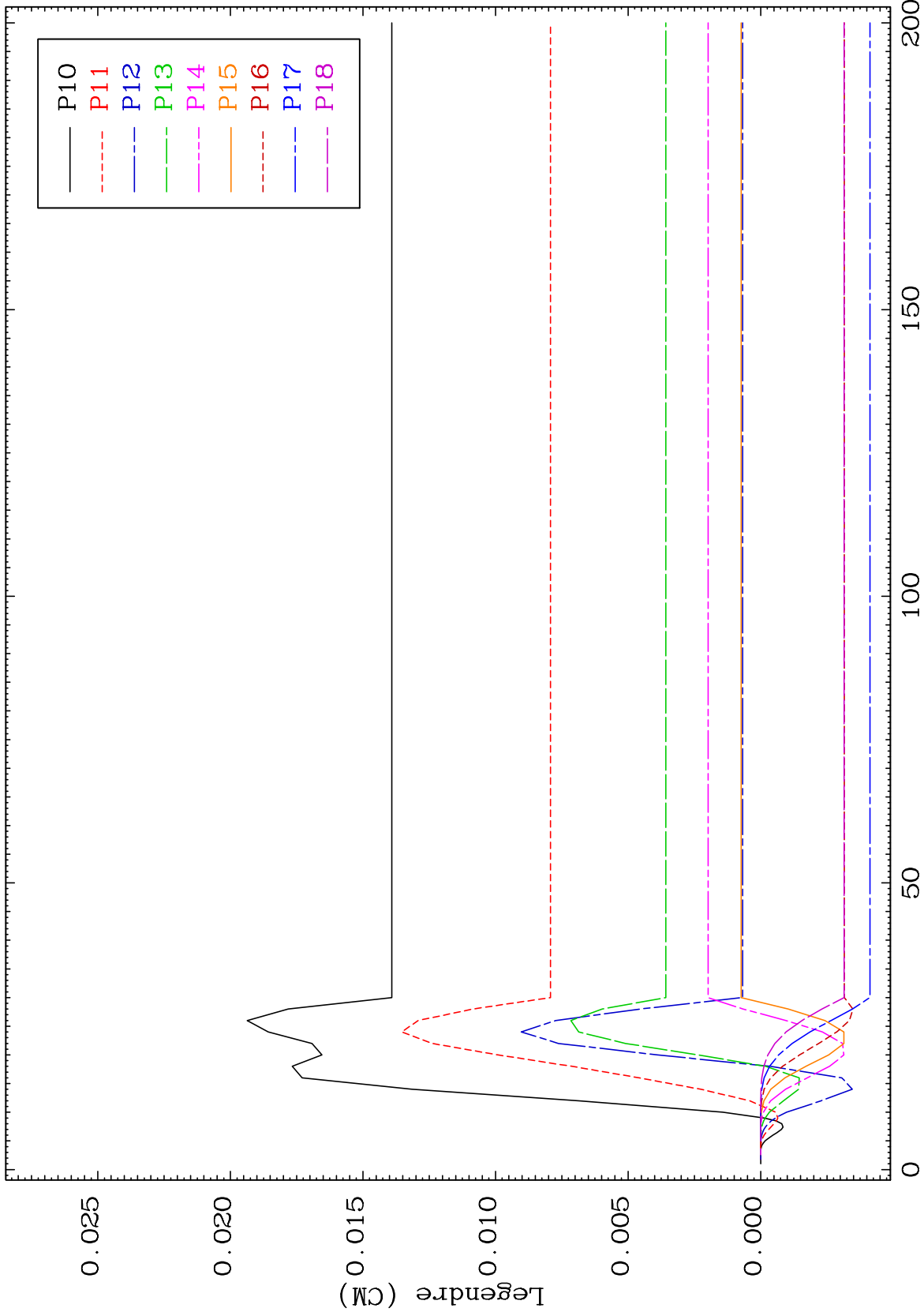


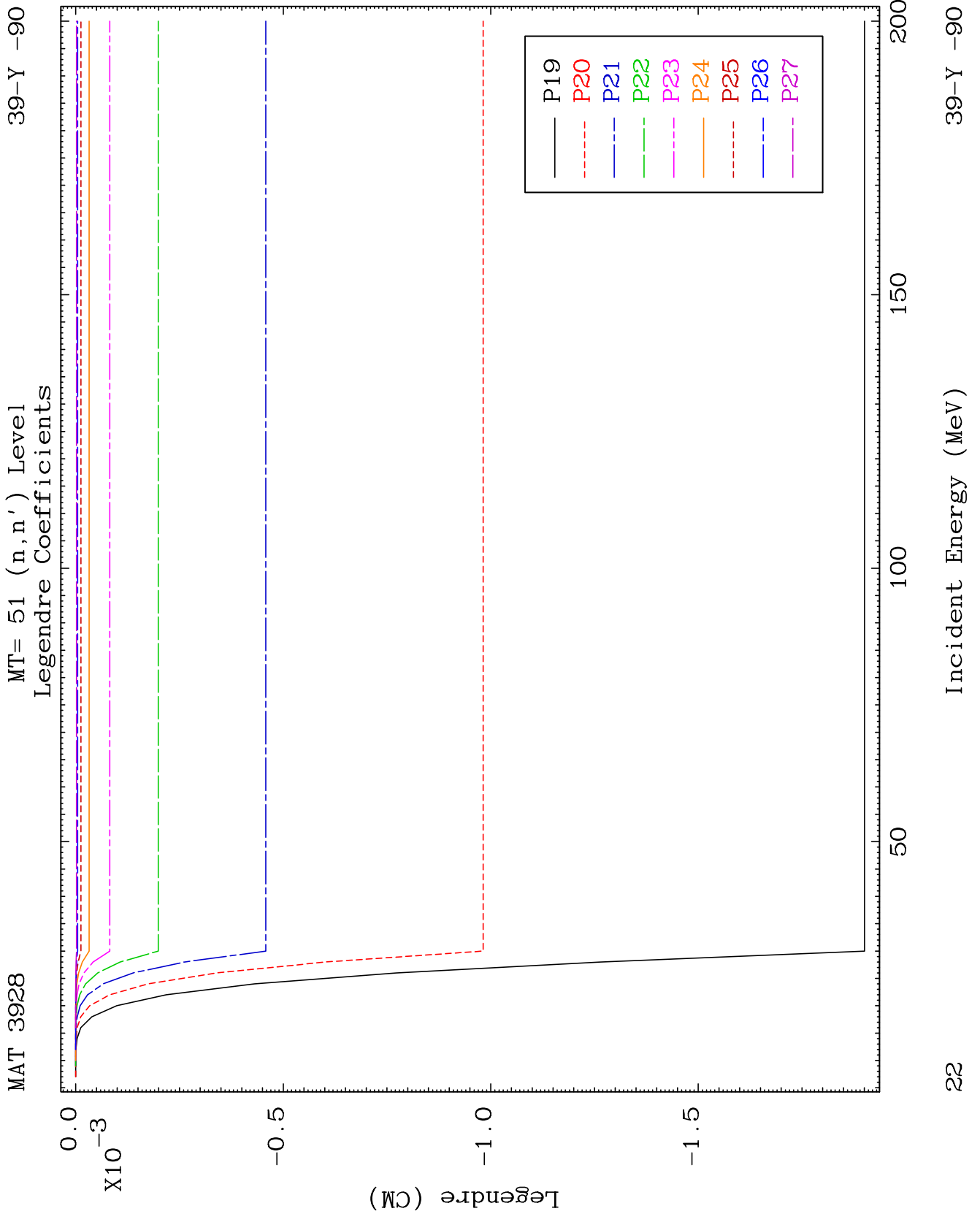
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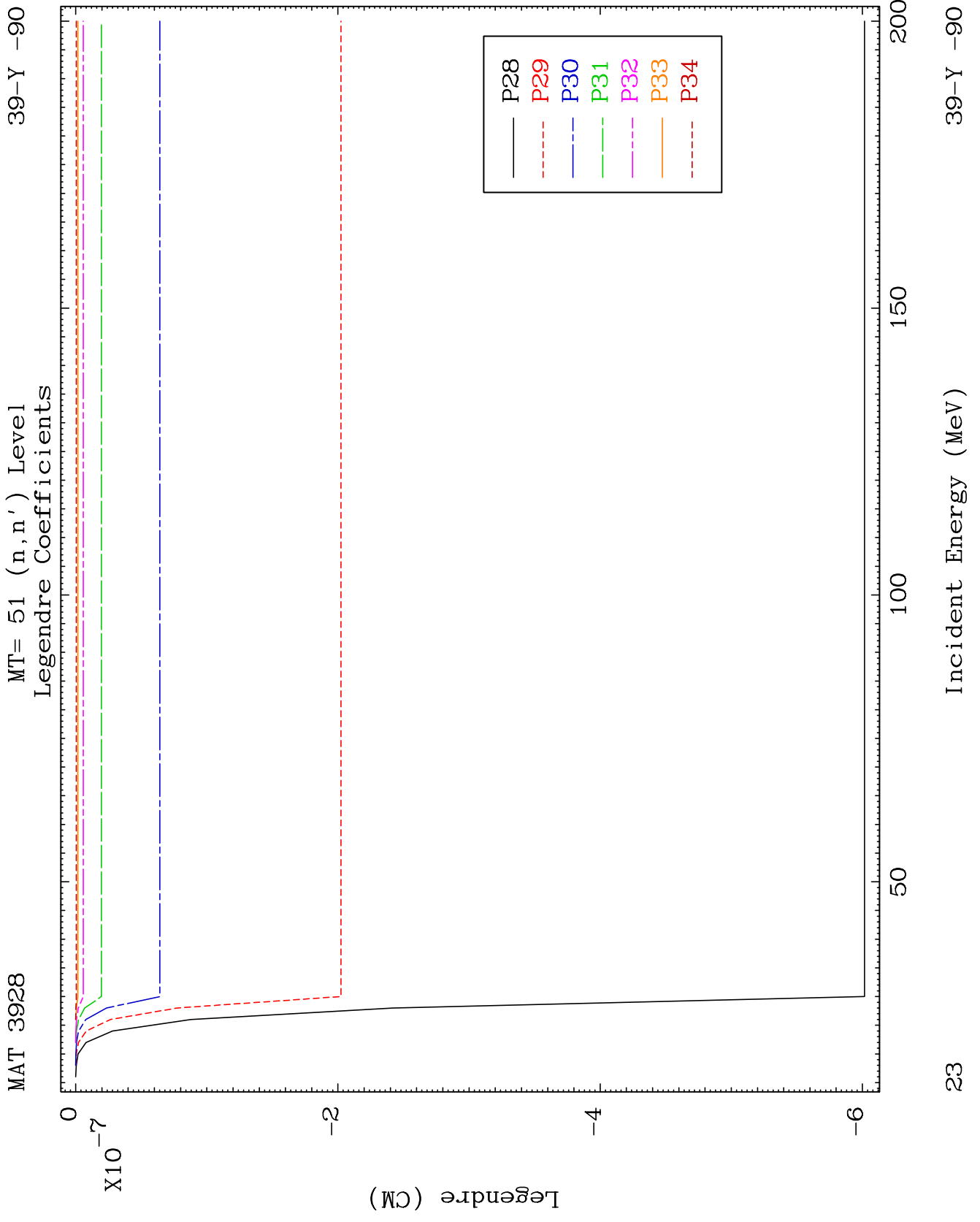
MAT 3928

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

39-Y -90



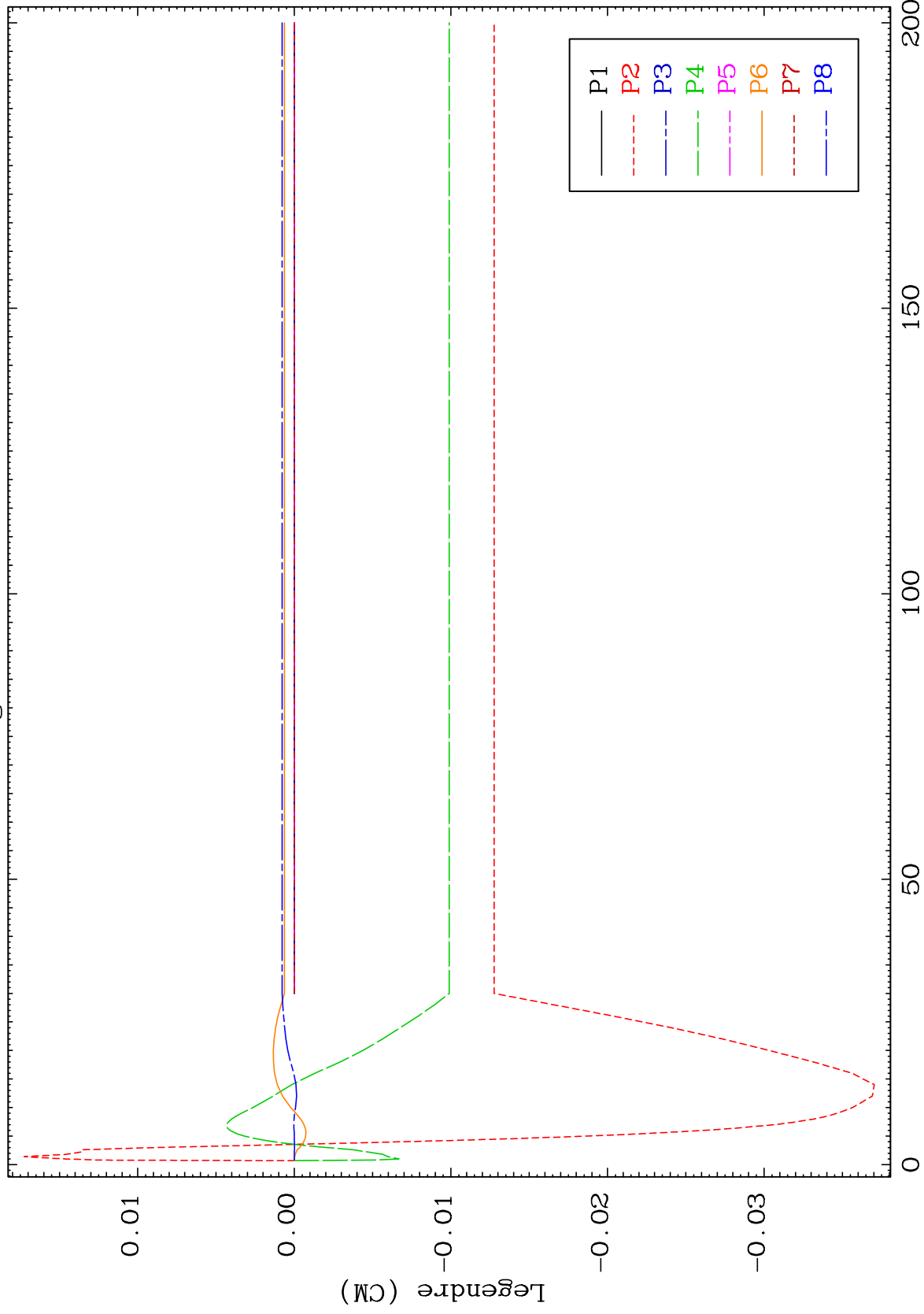




MAT 3928

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

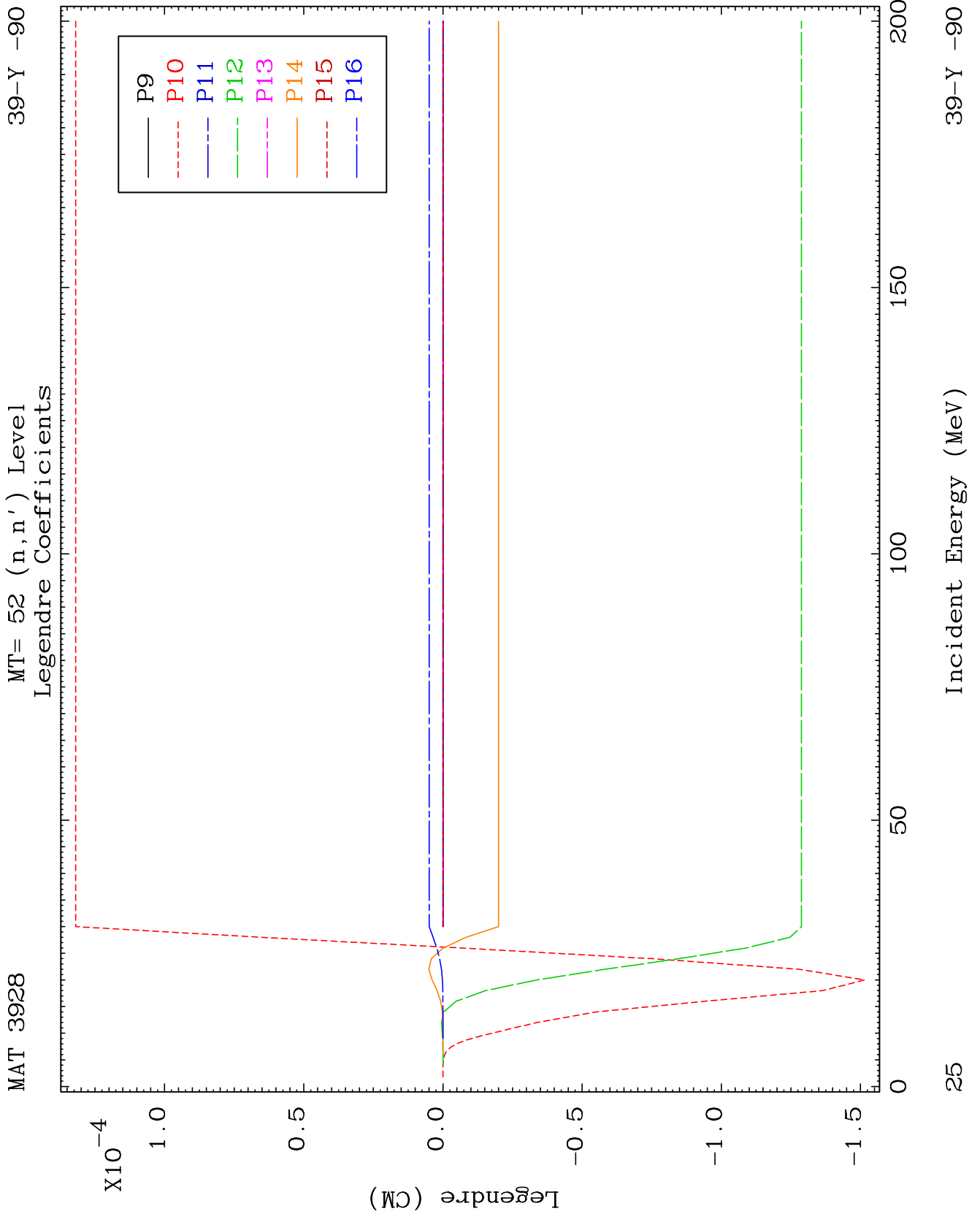
39-Y -90



24

Incident Energy (MeV)

39-Y -90

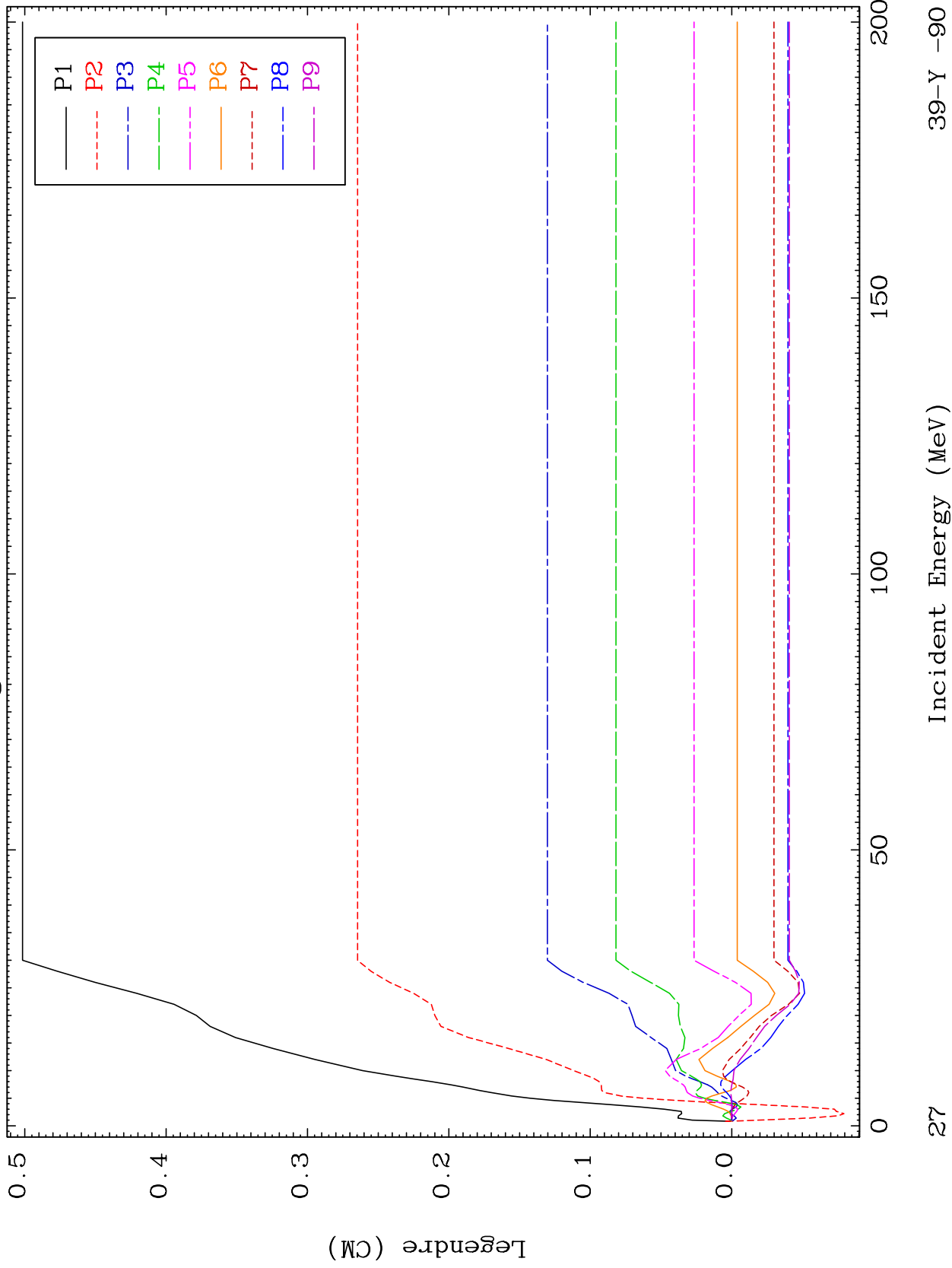


MAT 3928

MT= 53 (n,n') Level

39-Y -90

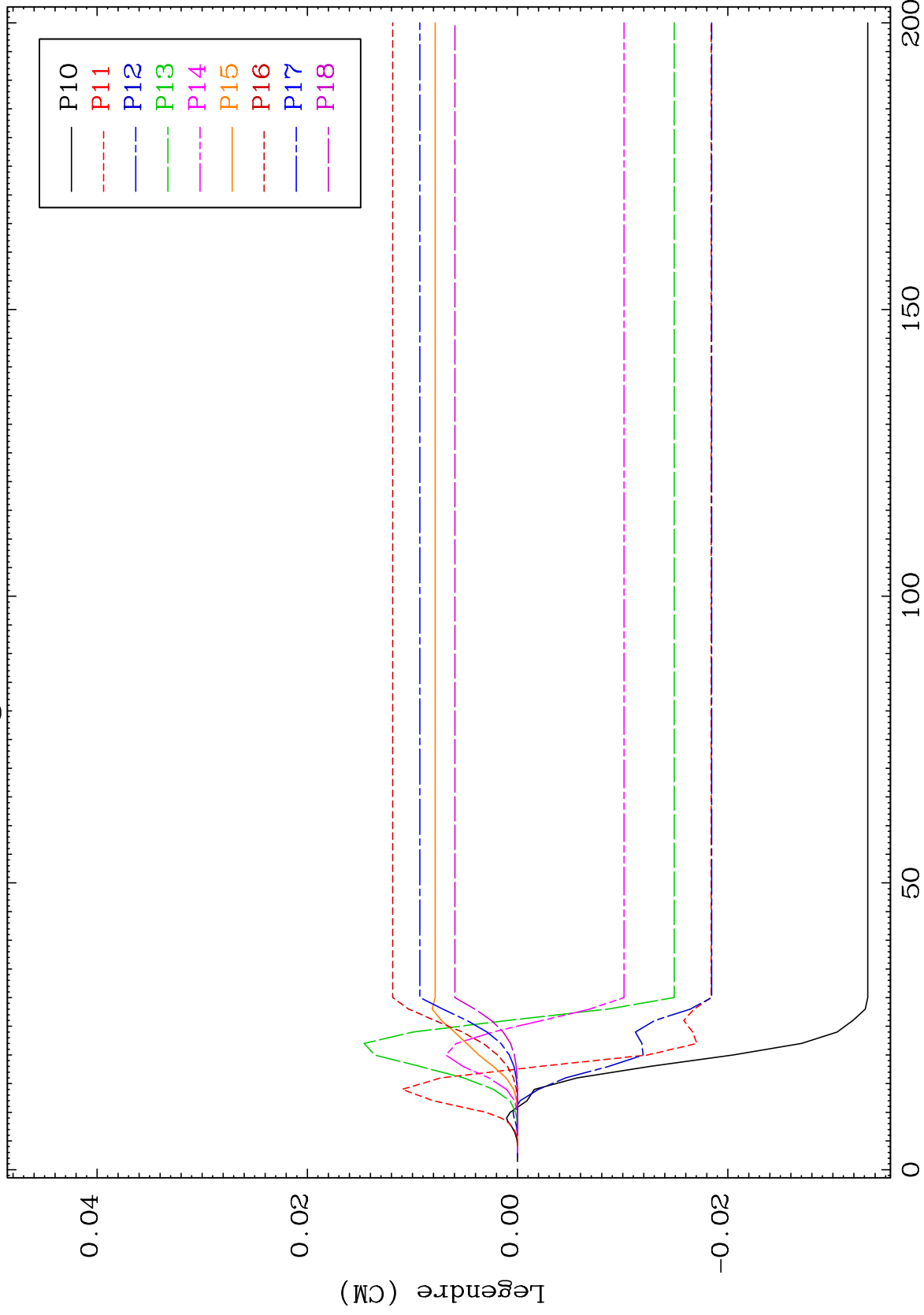
Legendre Coefficients



MAT 3928

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

39-Y -90



28

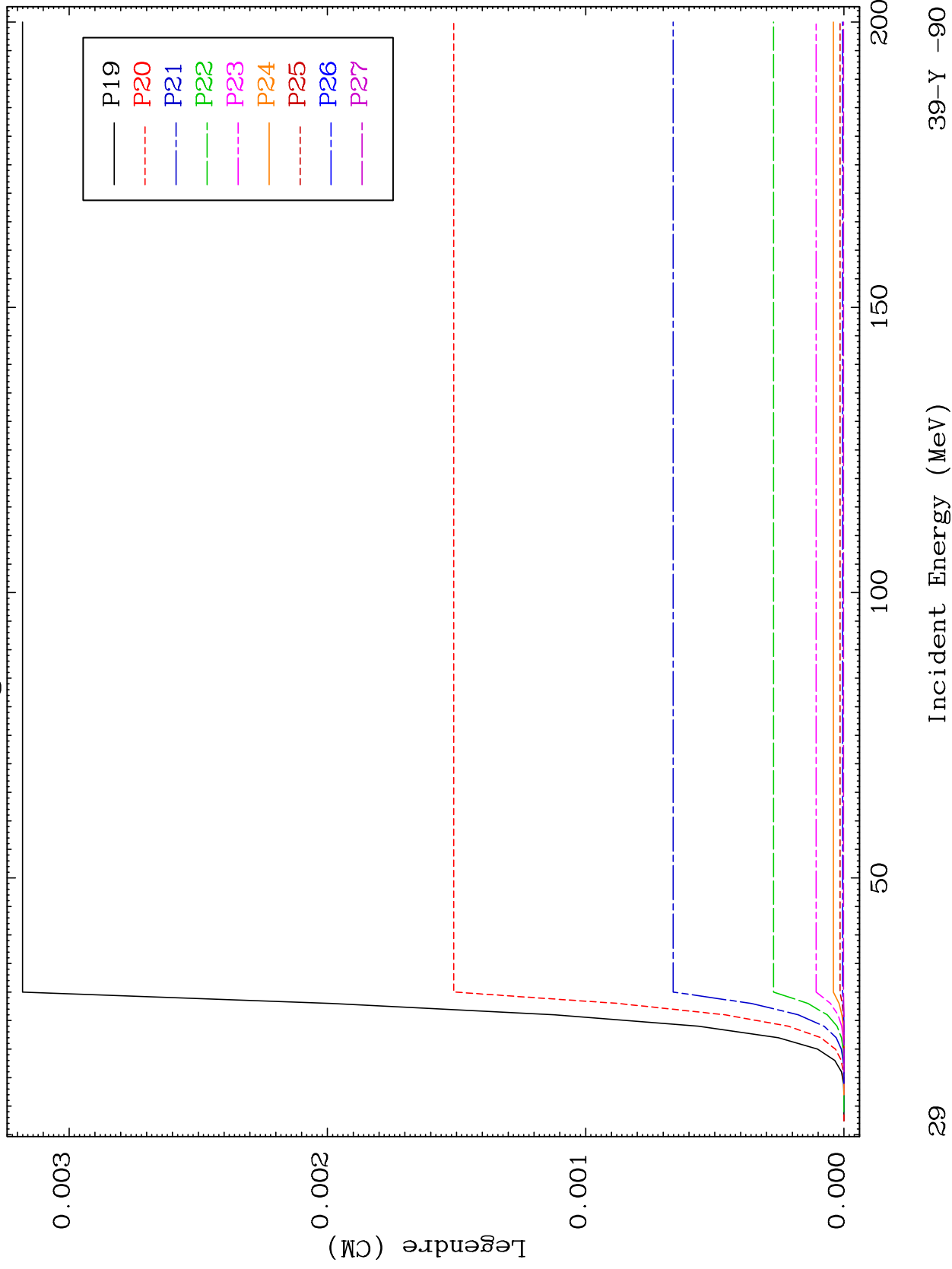
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



29

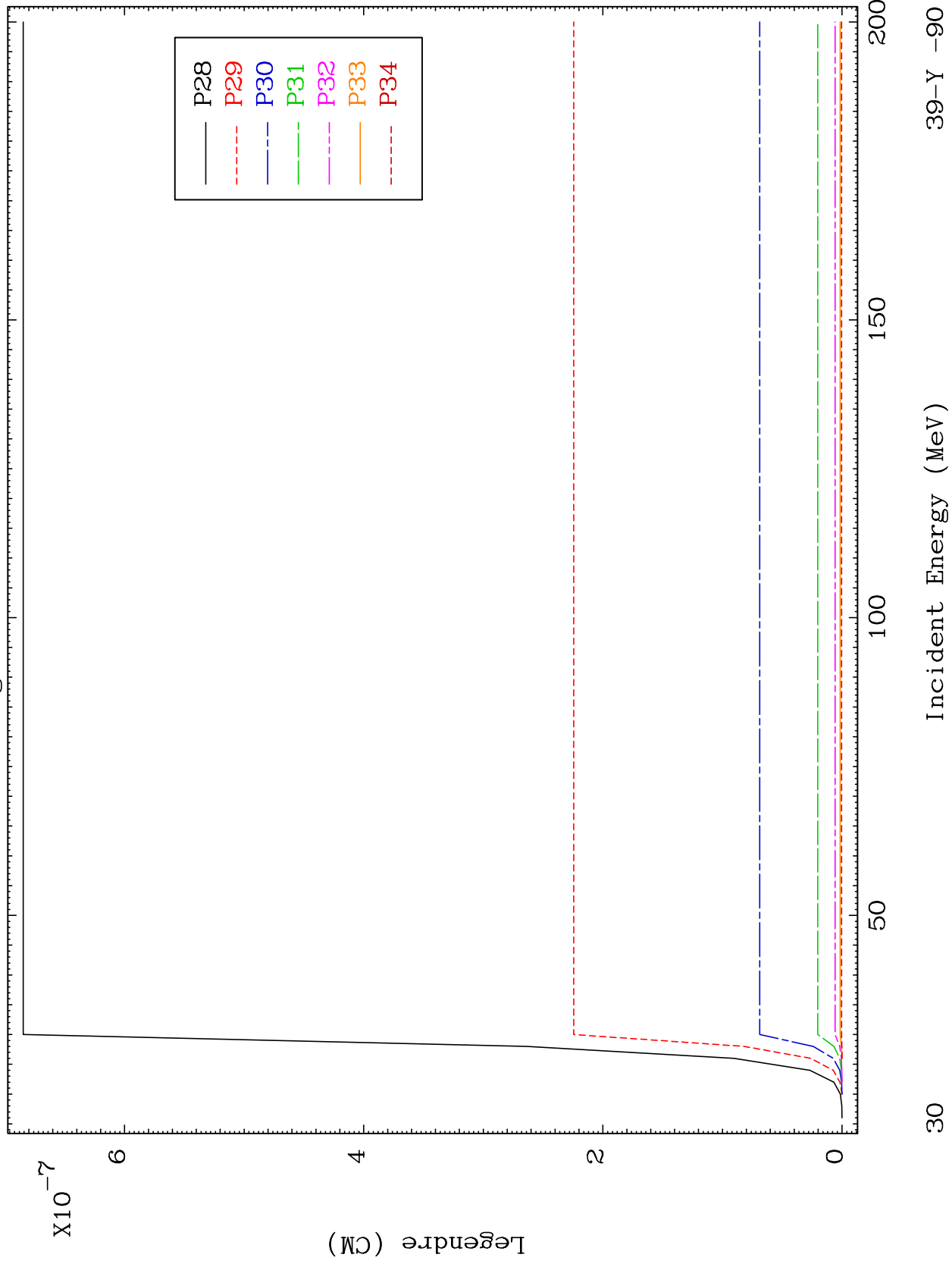
Incident Energy (MeV)

39-Y -90

MAT 3928

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

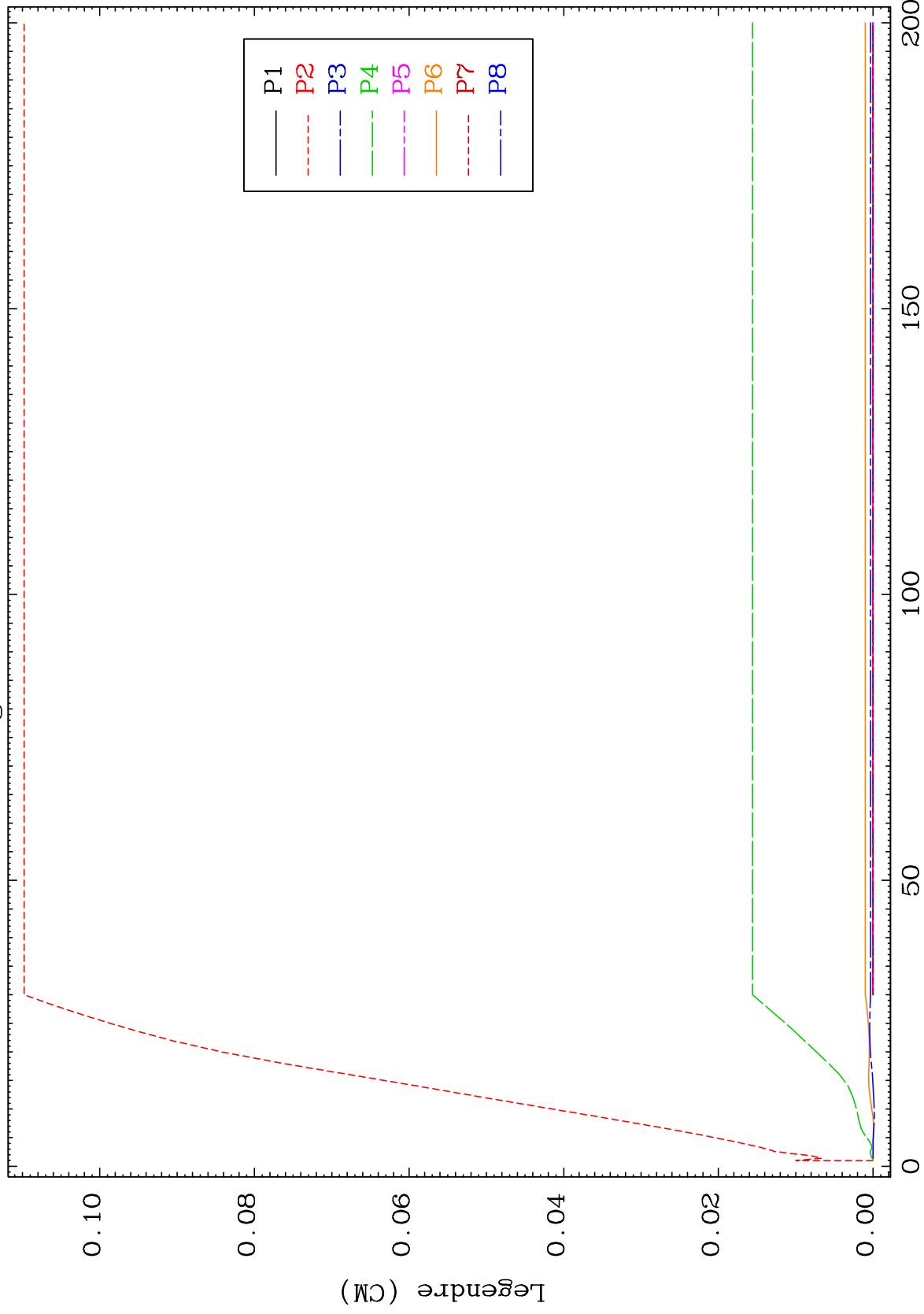
39-Y -90



MAT 3928

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

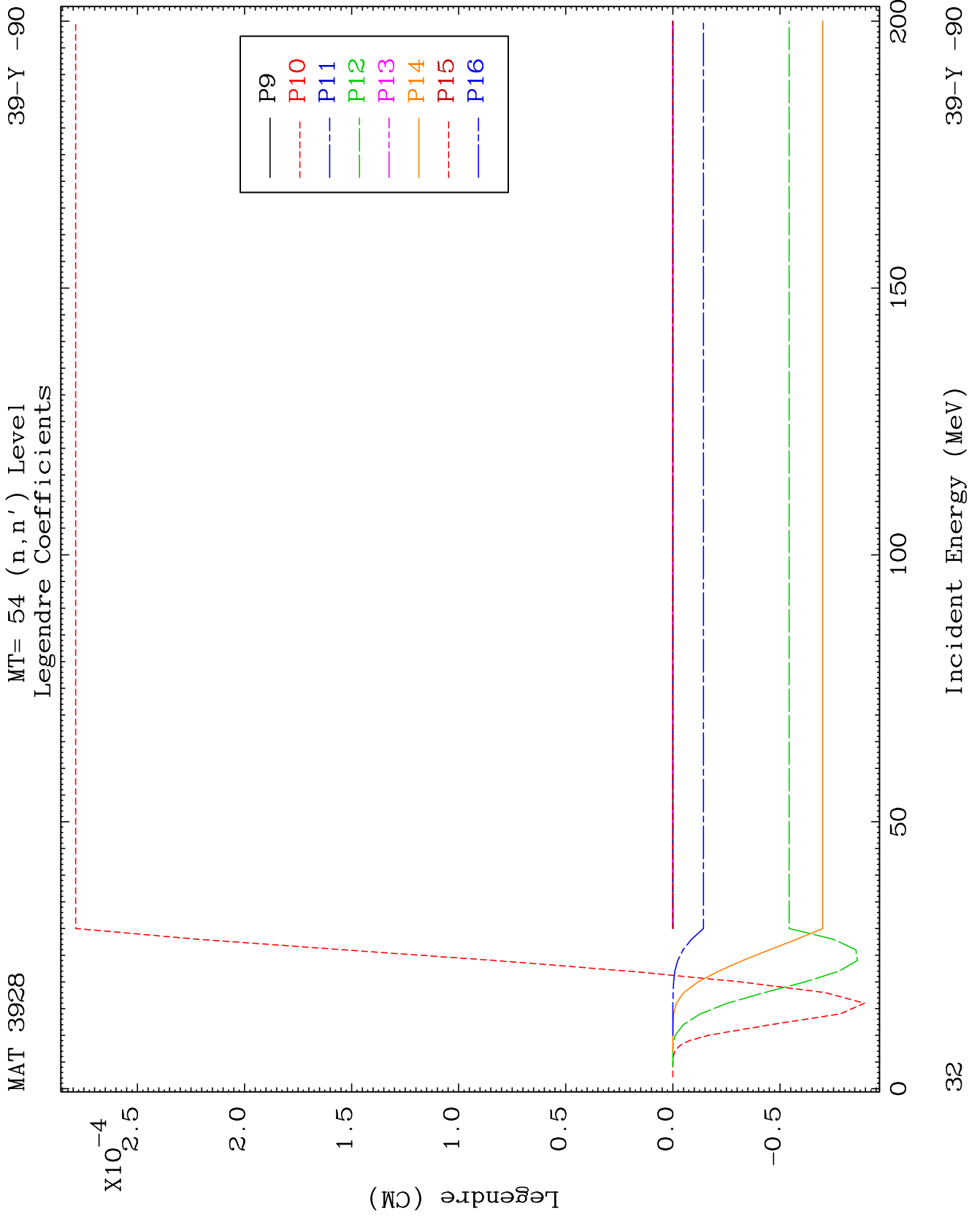
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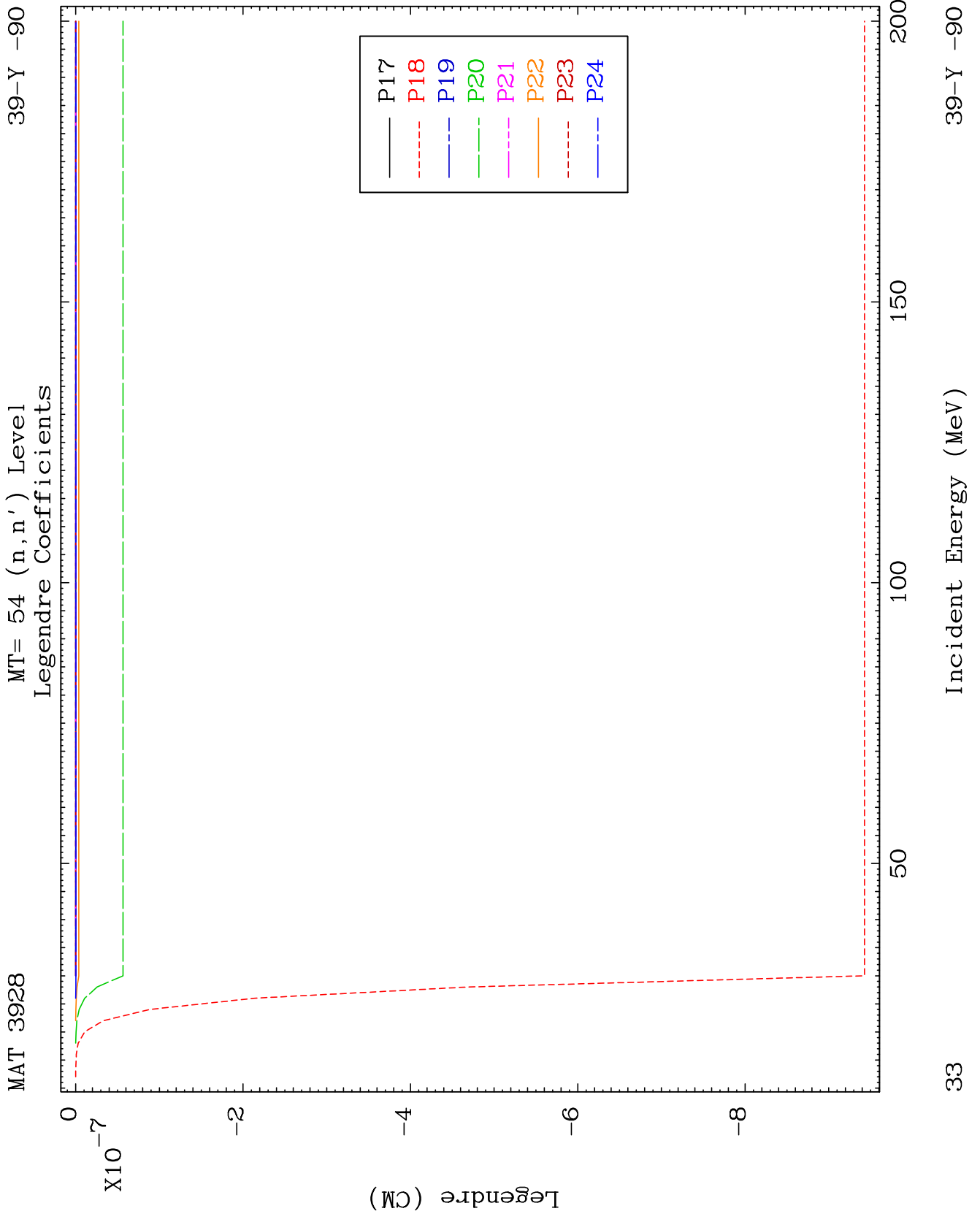


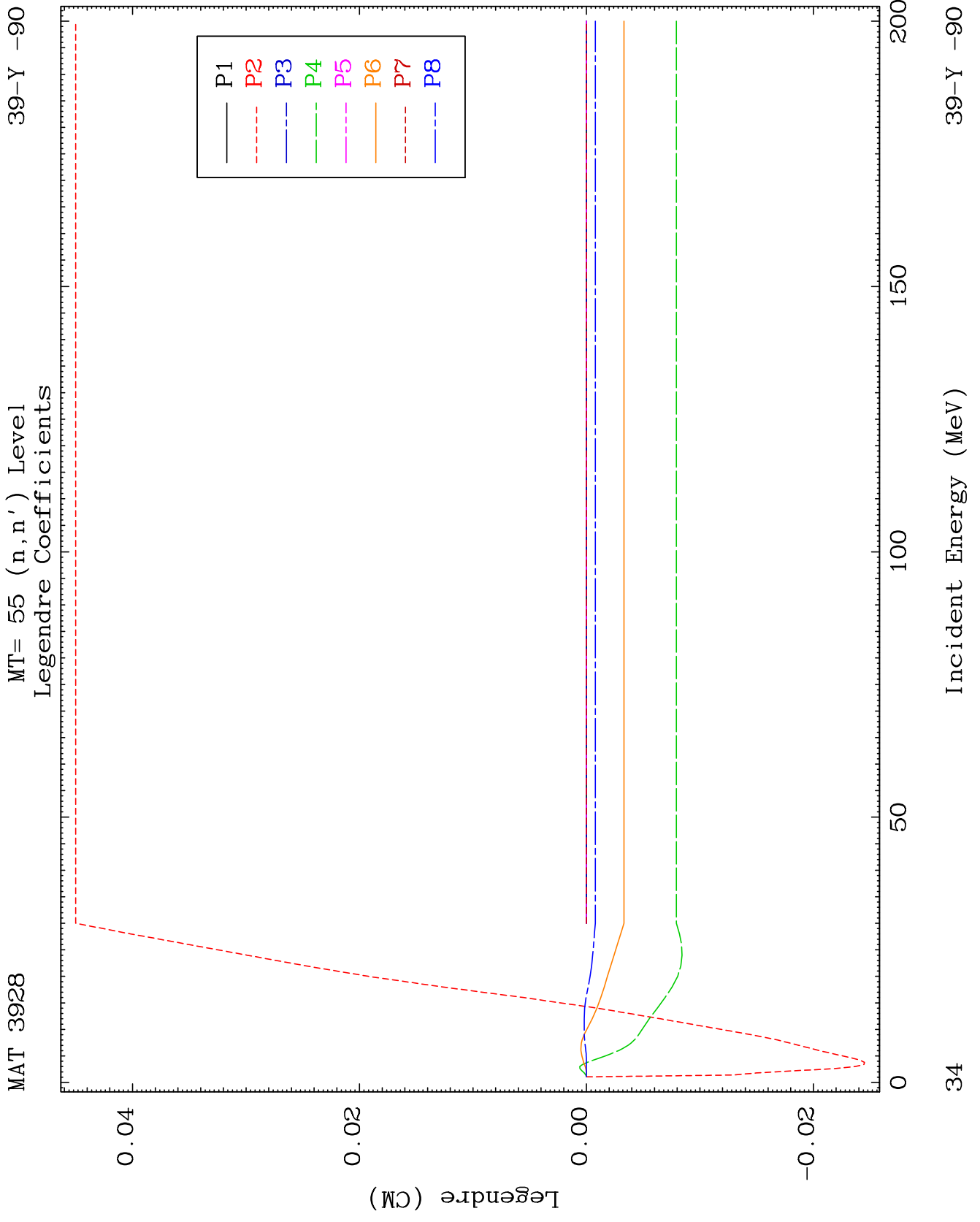
31

Incident Energy (MeV)

39-Y -90



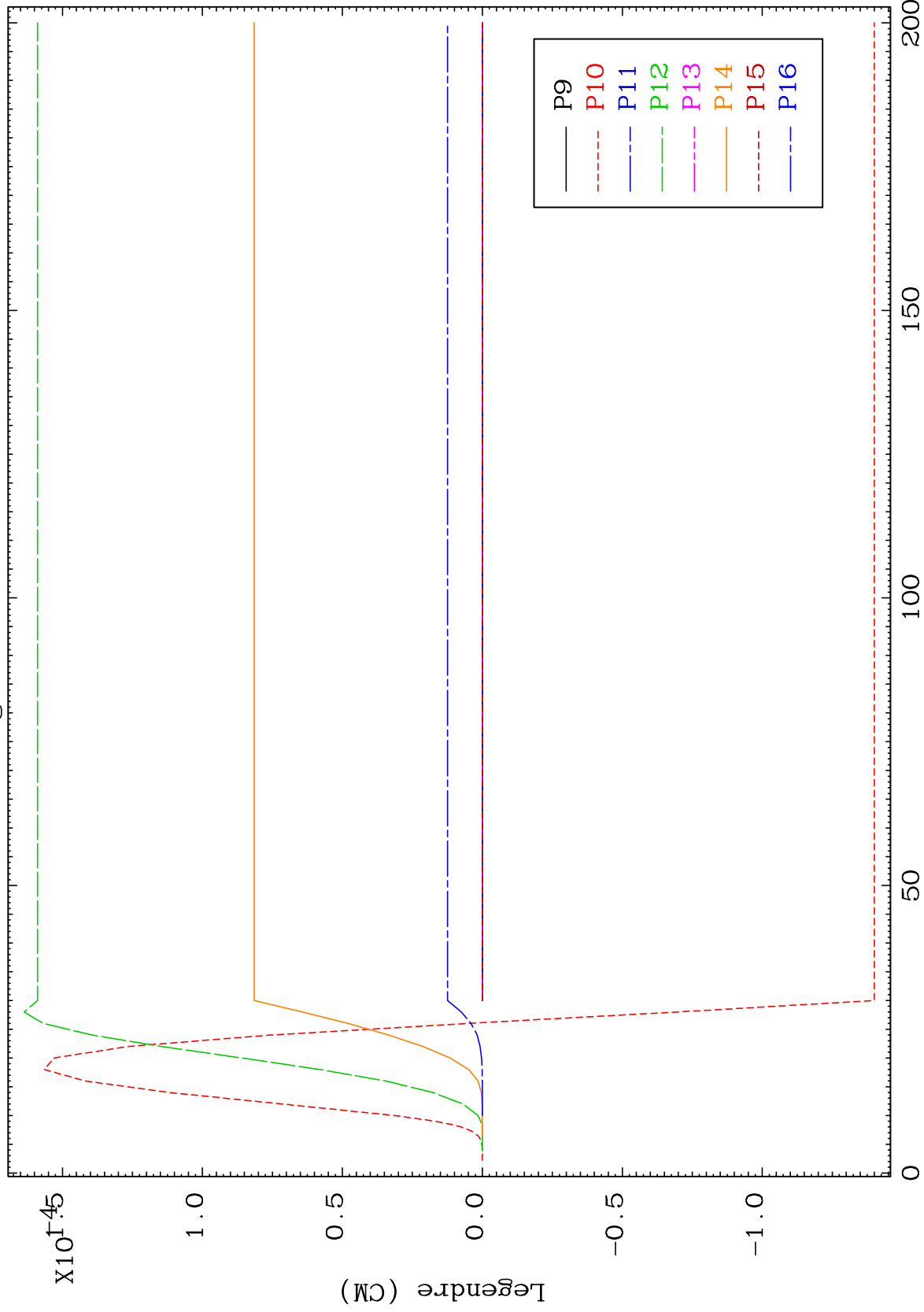




MAT 3928

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

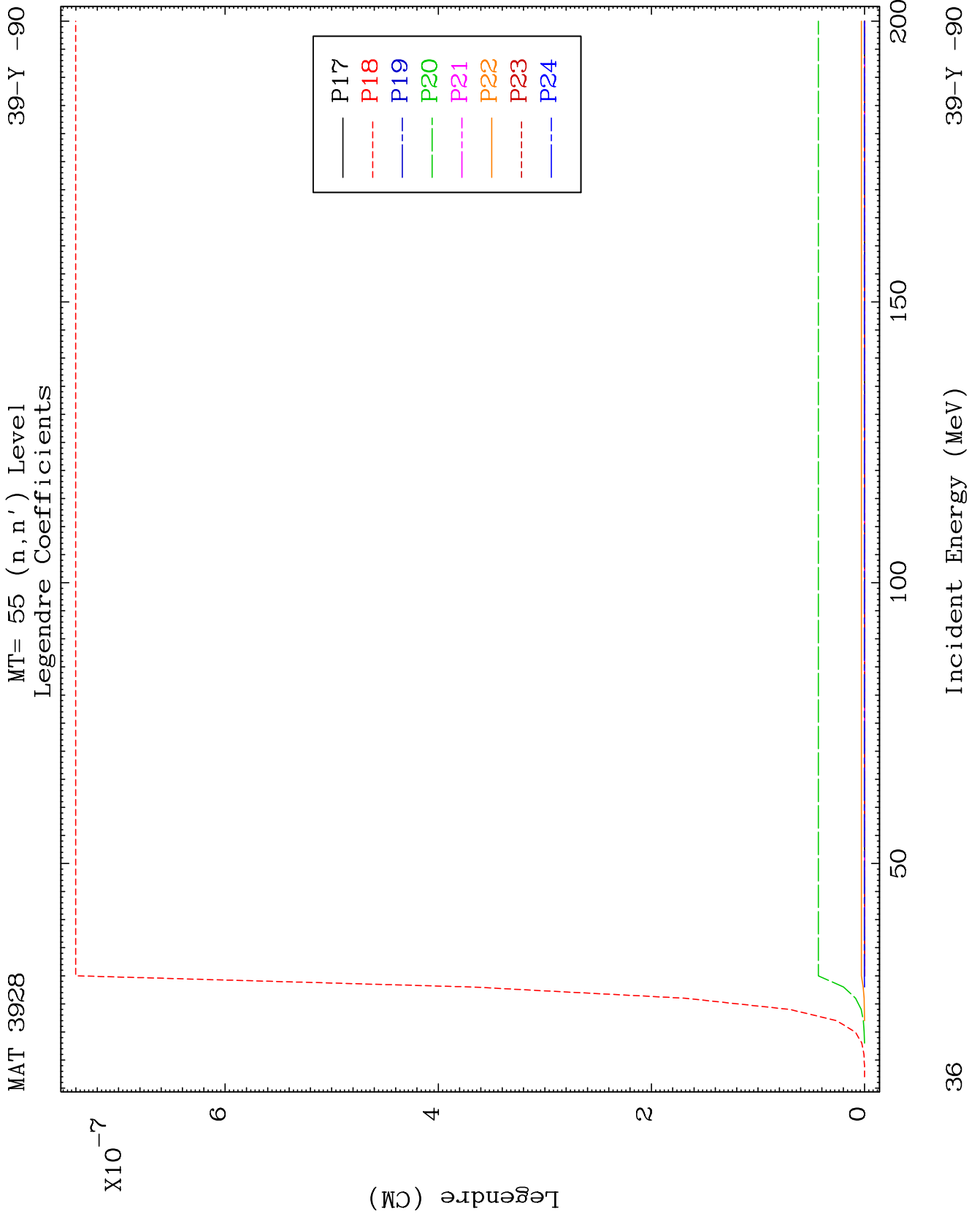
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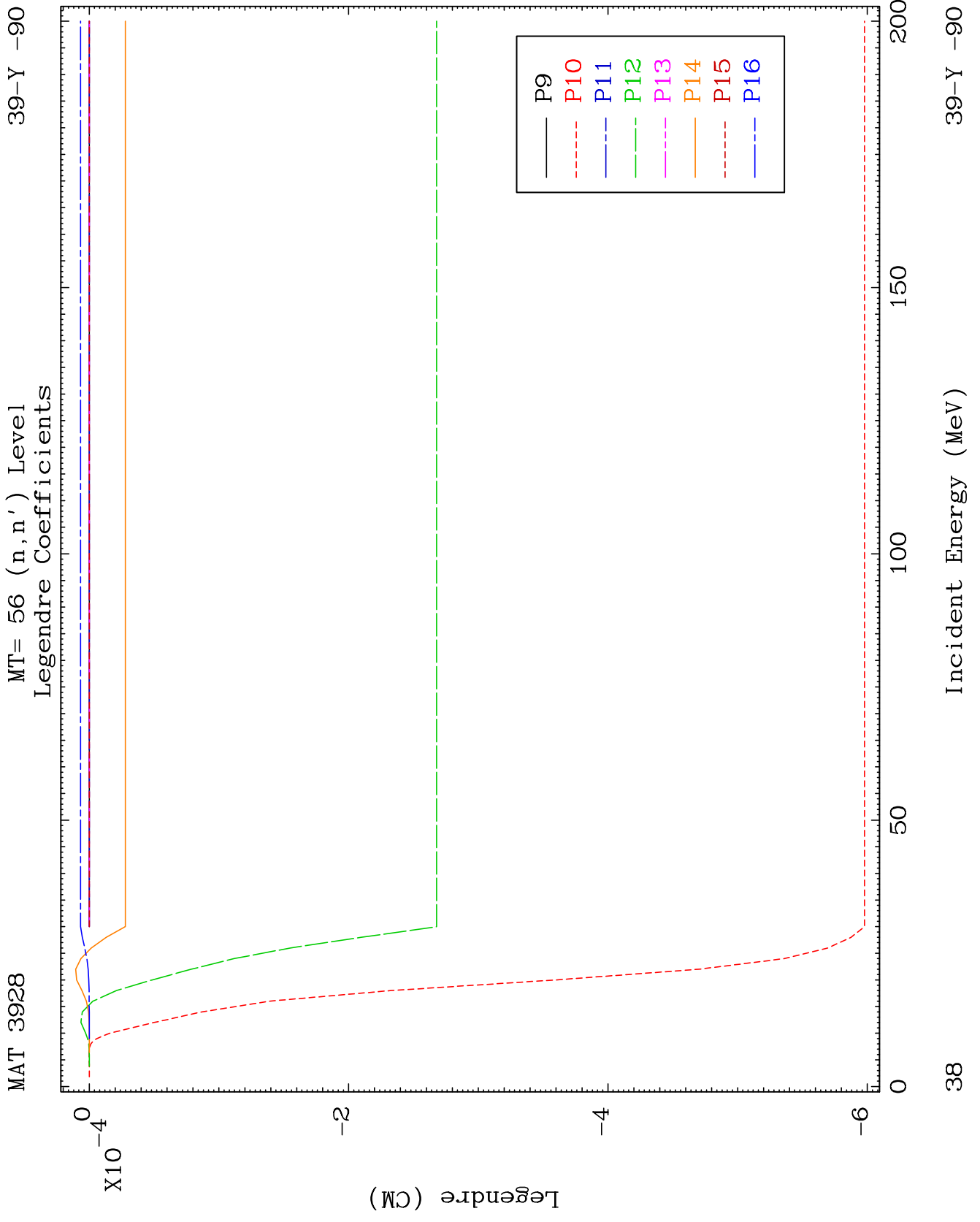


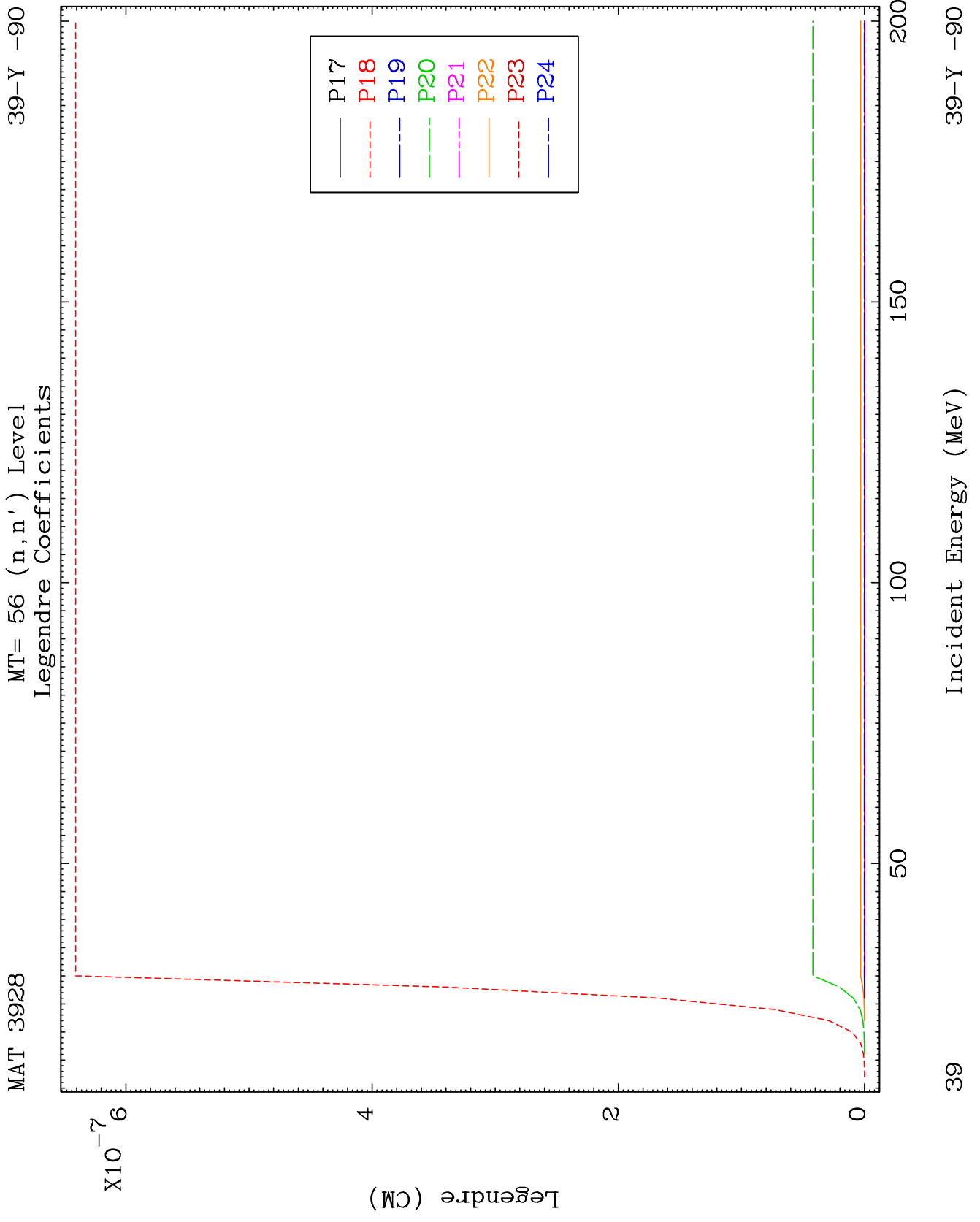
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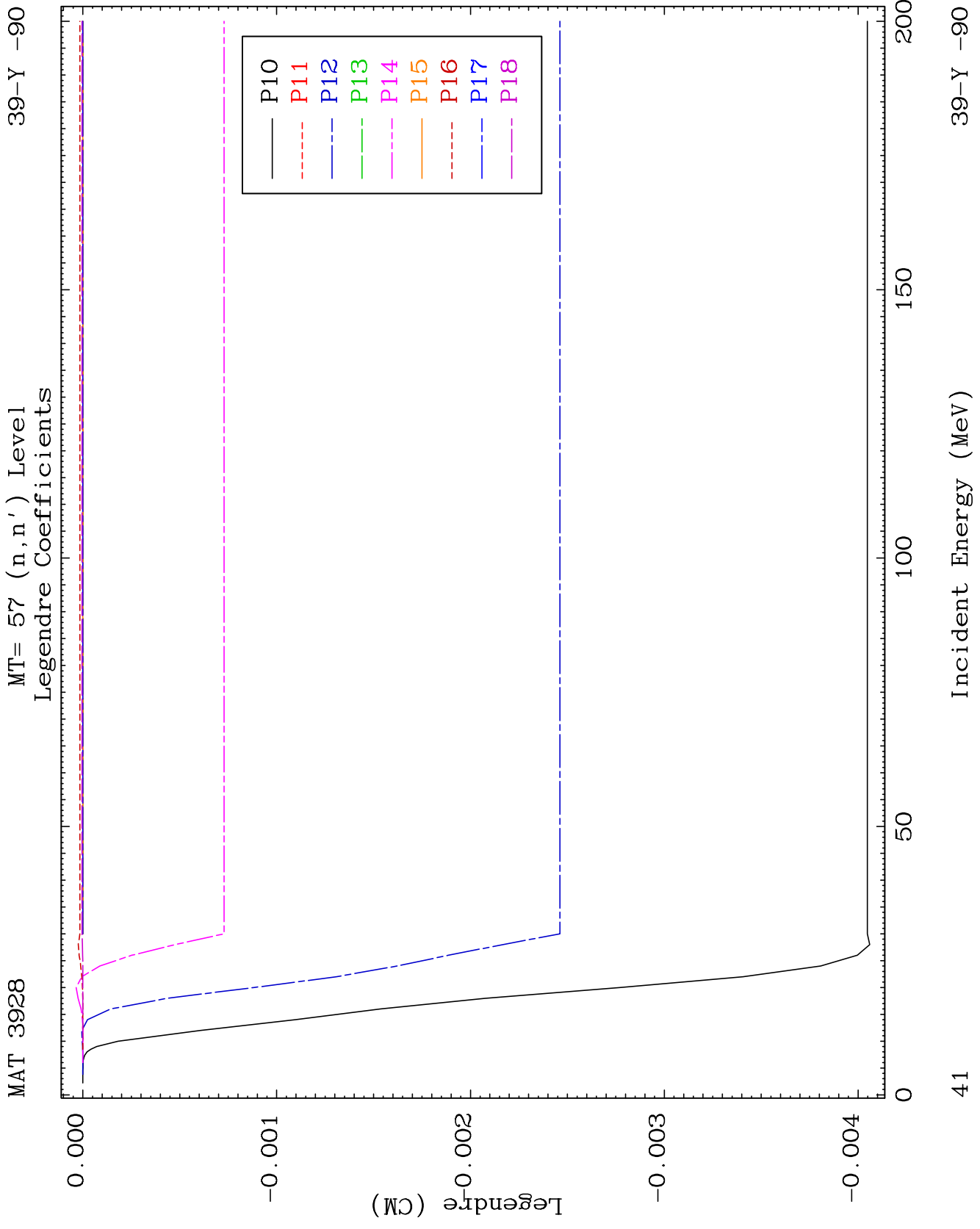
Incident Energy (MeV)

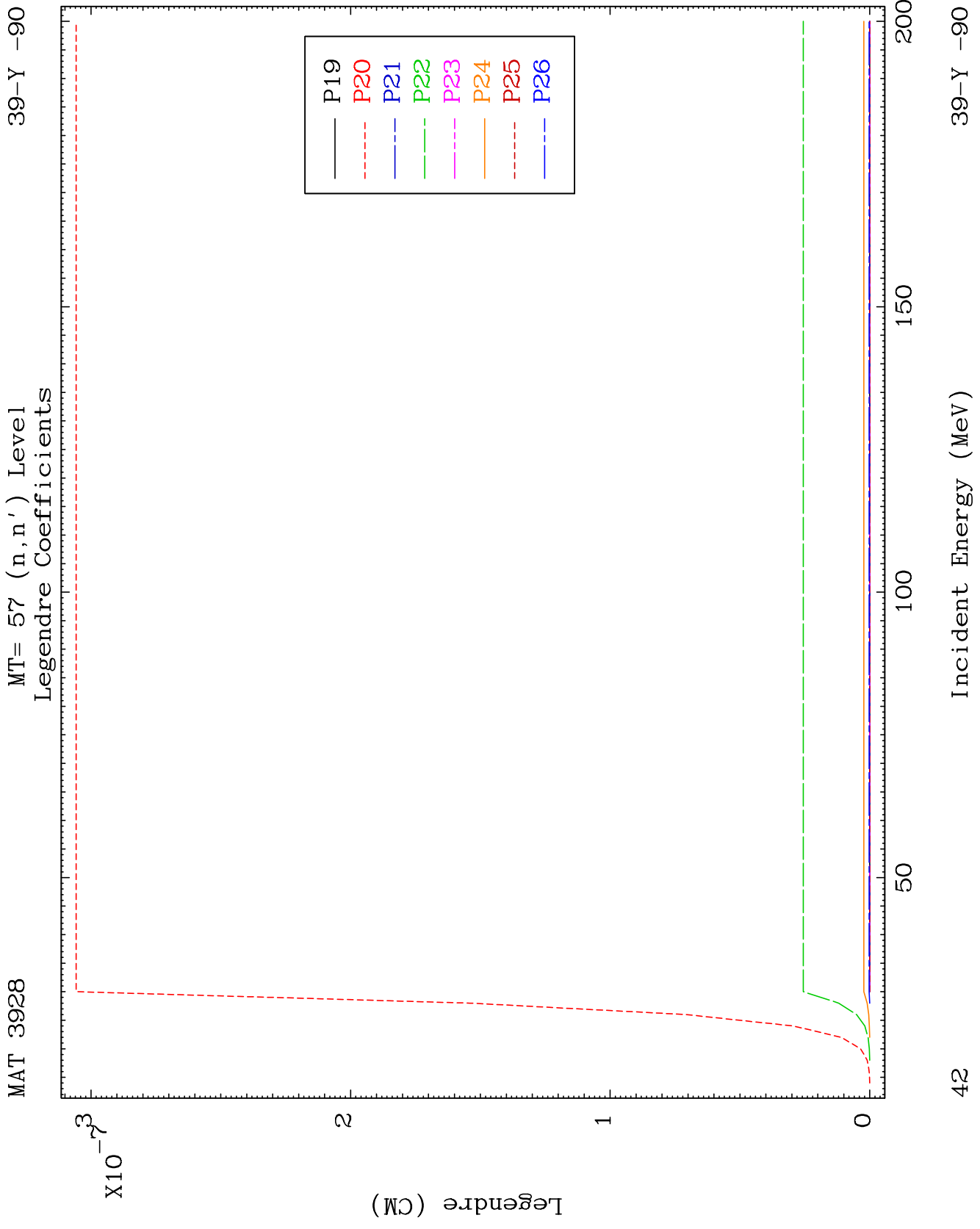
39-Y -90







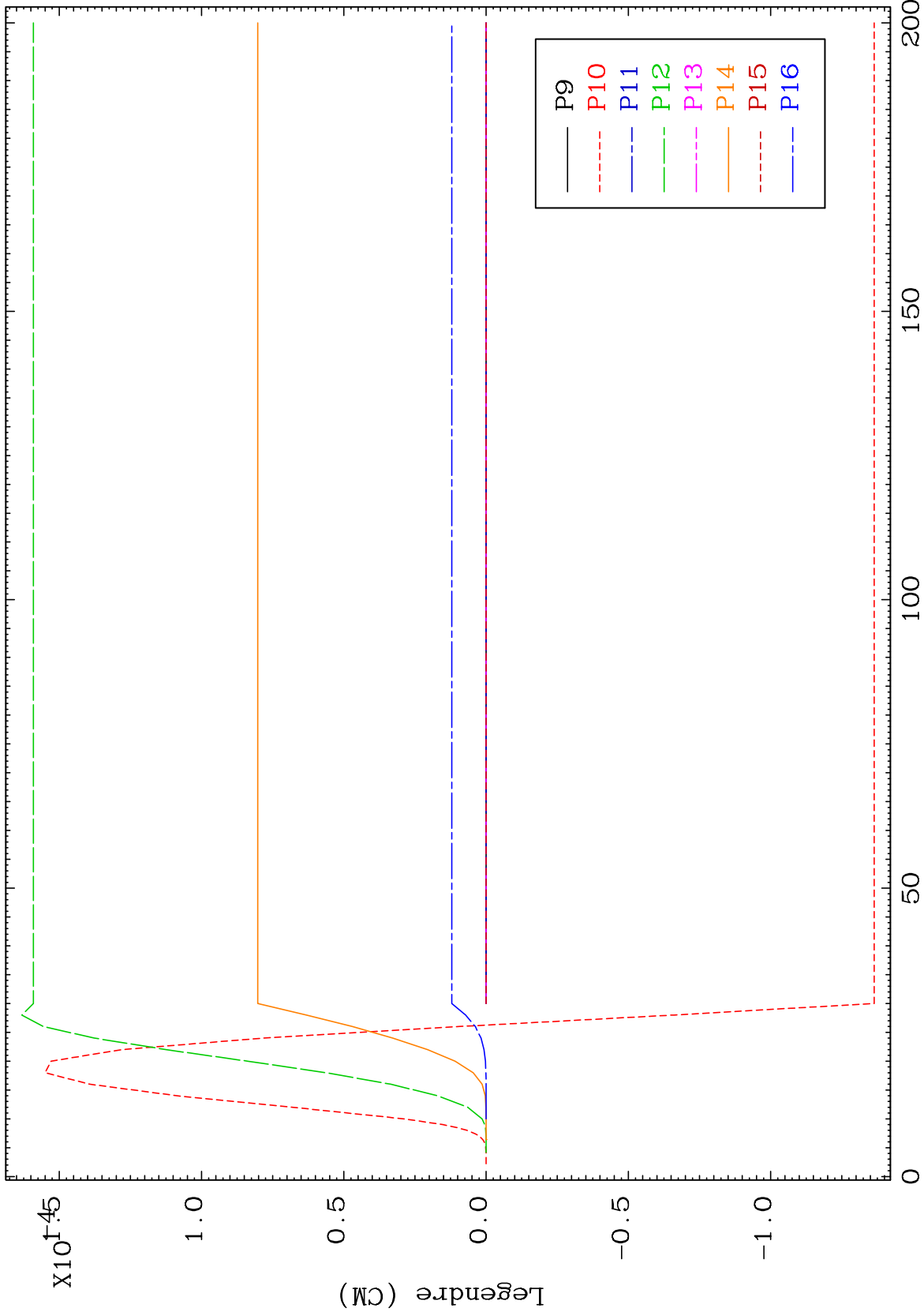




MAT 3928

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

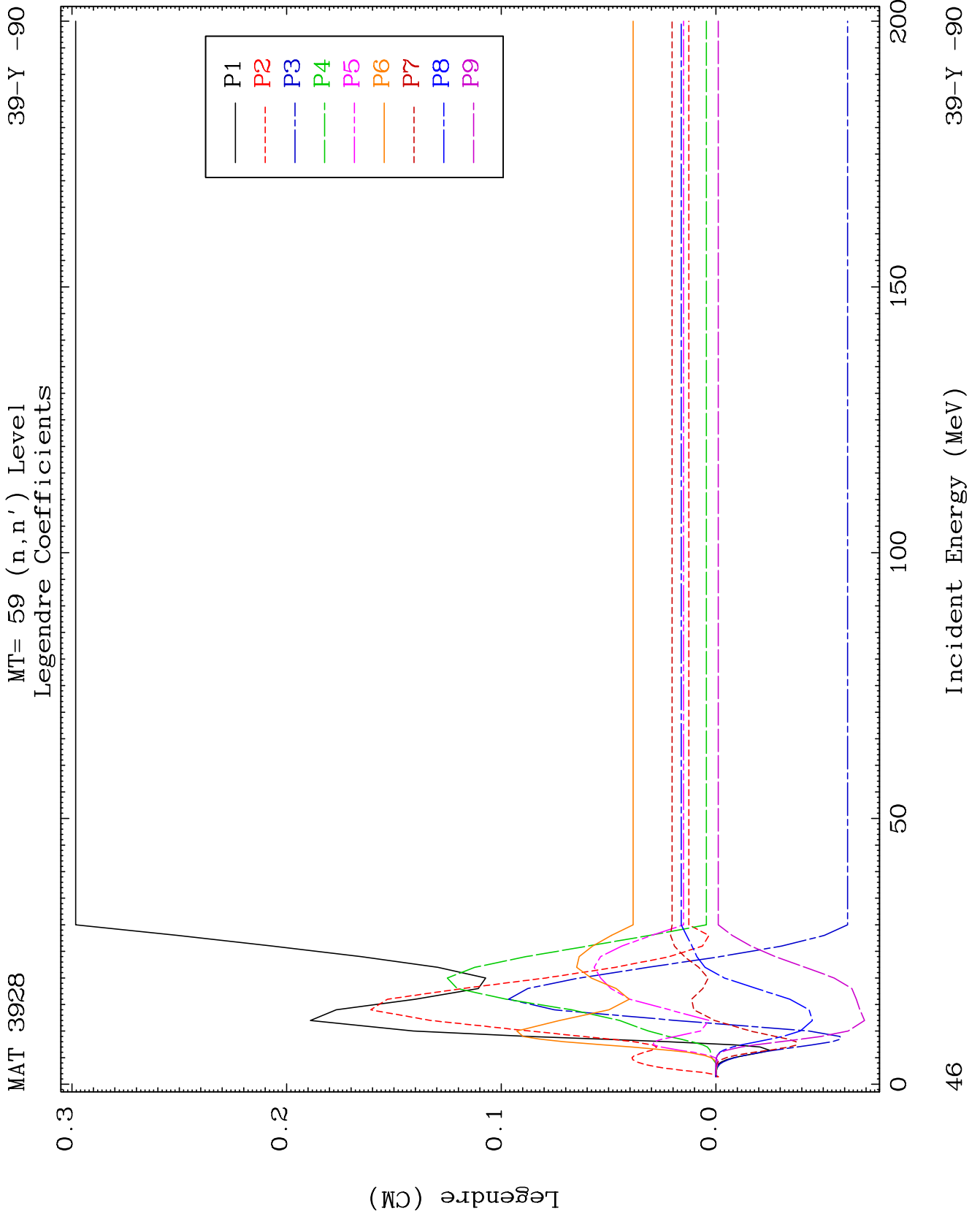
39-Y -90



44

Incident Energy (MeV)

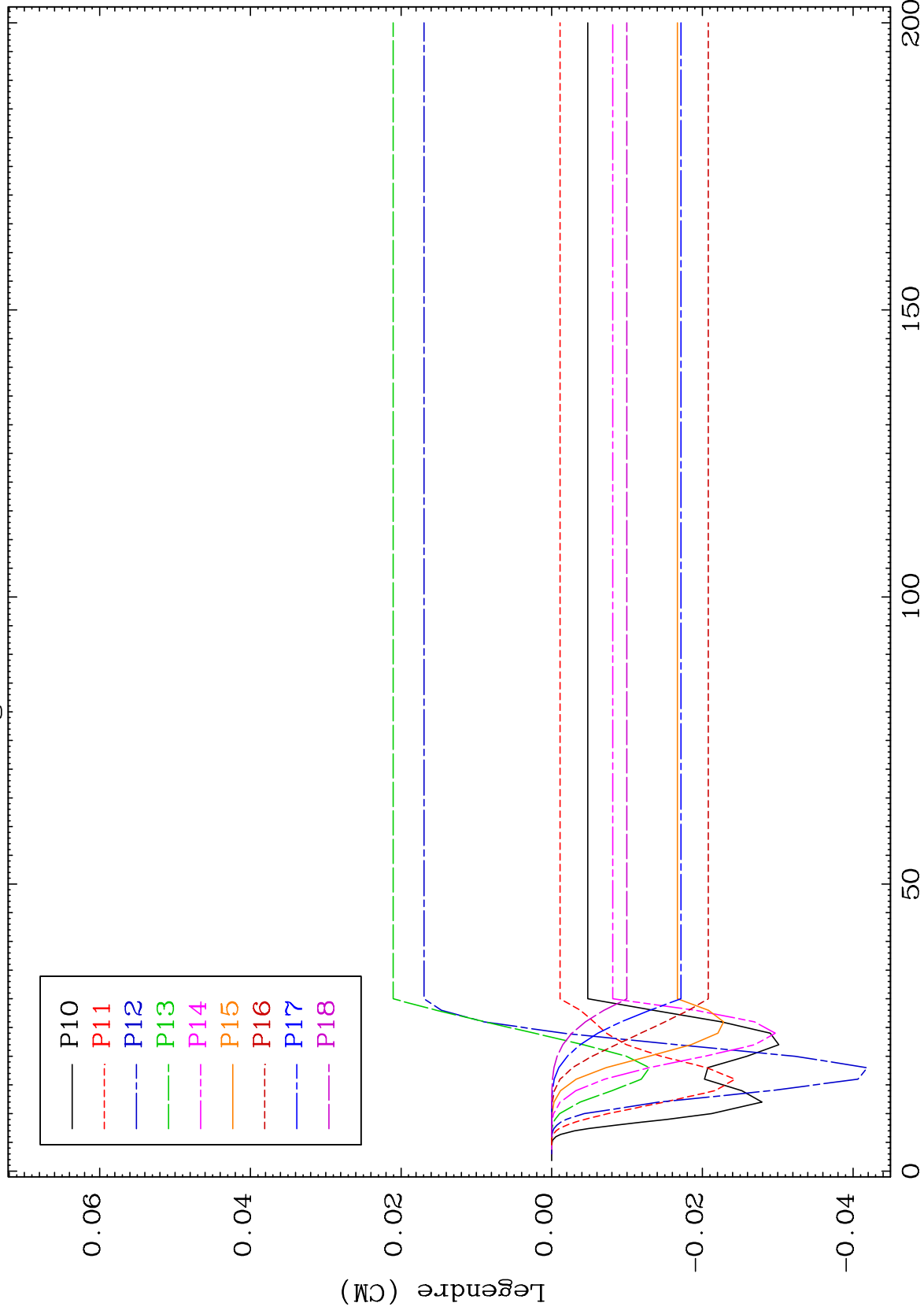
39-Y -90



MAT 3928

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

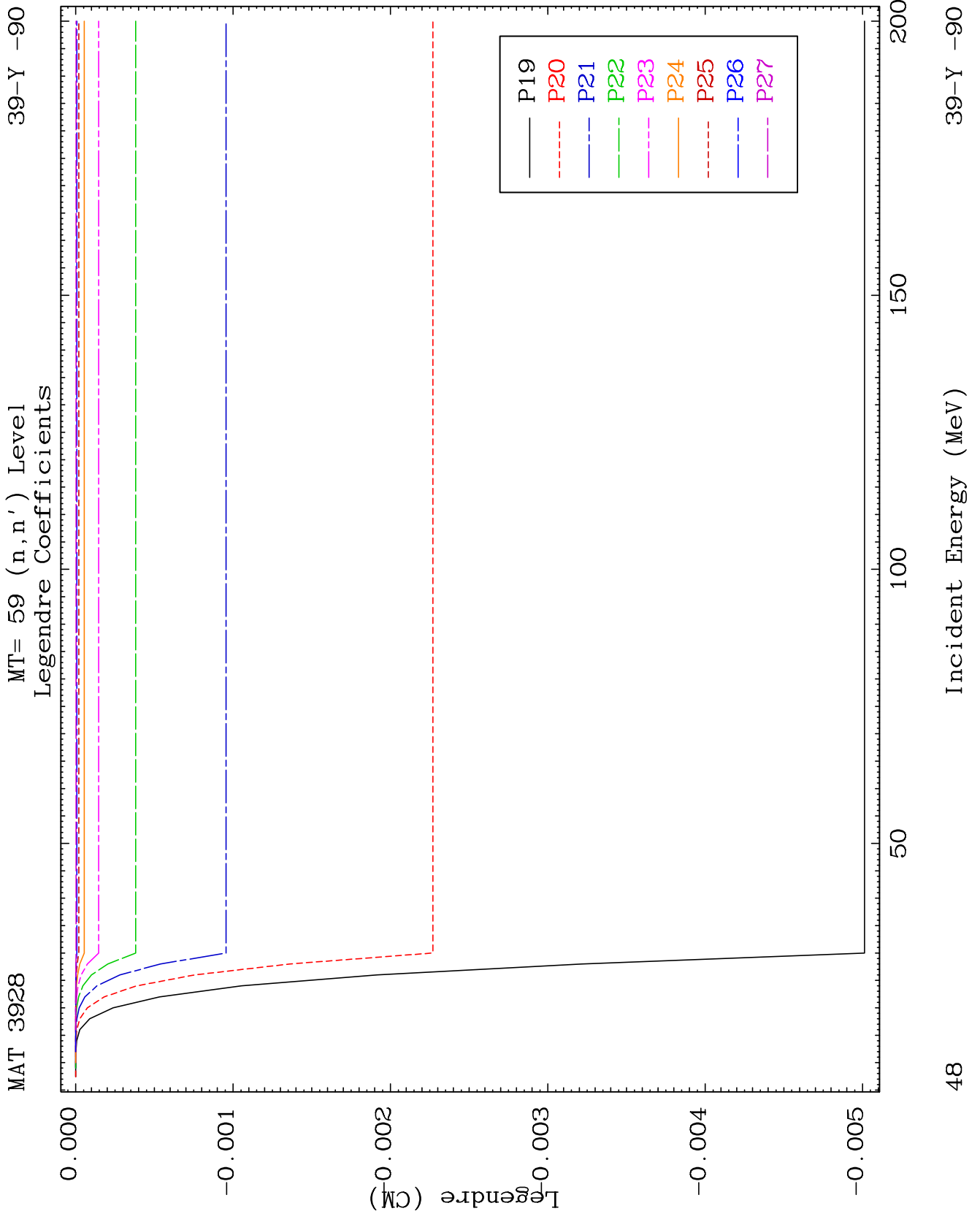
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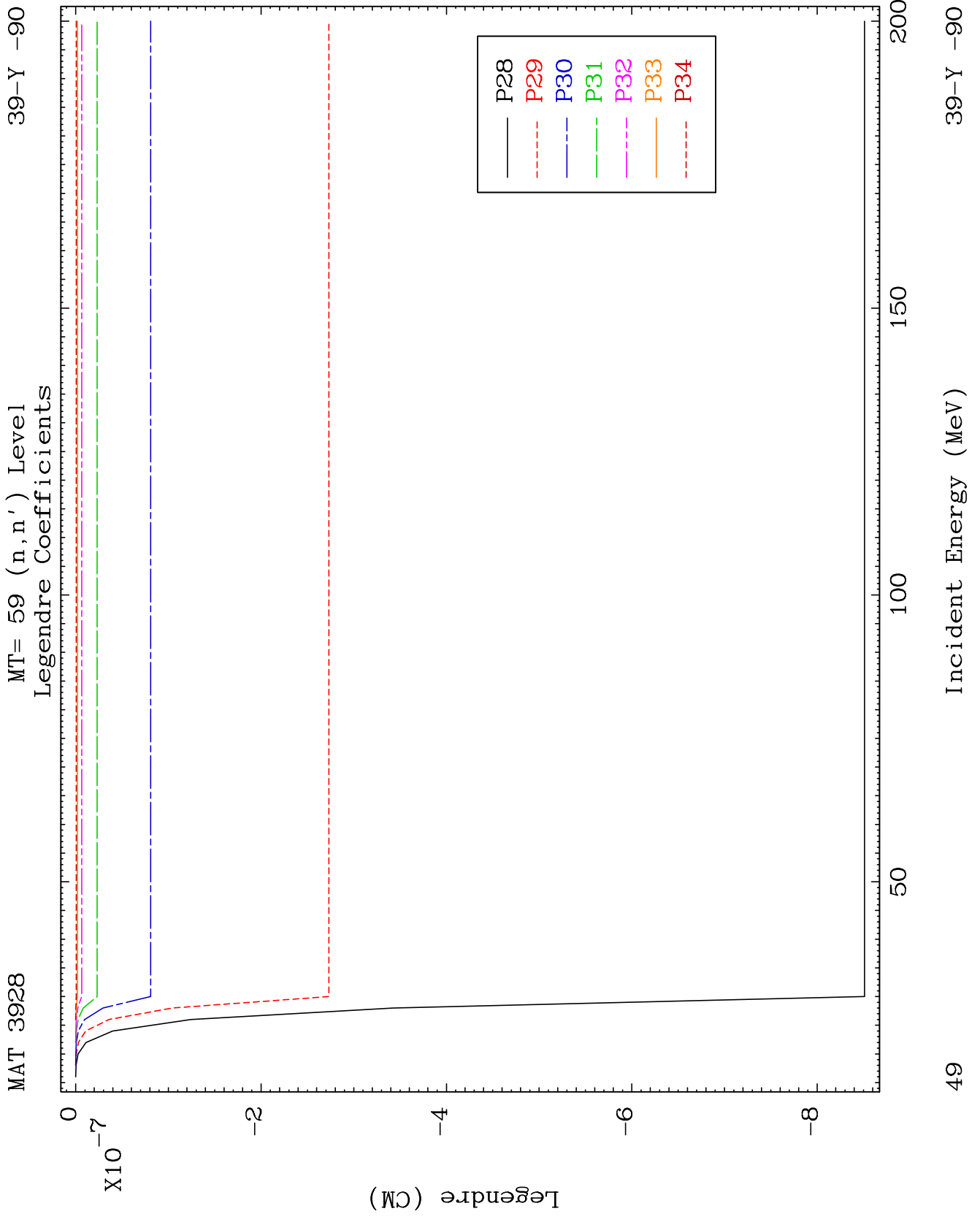


47

Incident Energy (MeV)

39-Y -90

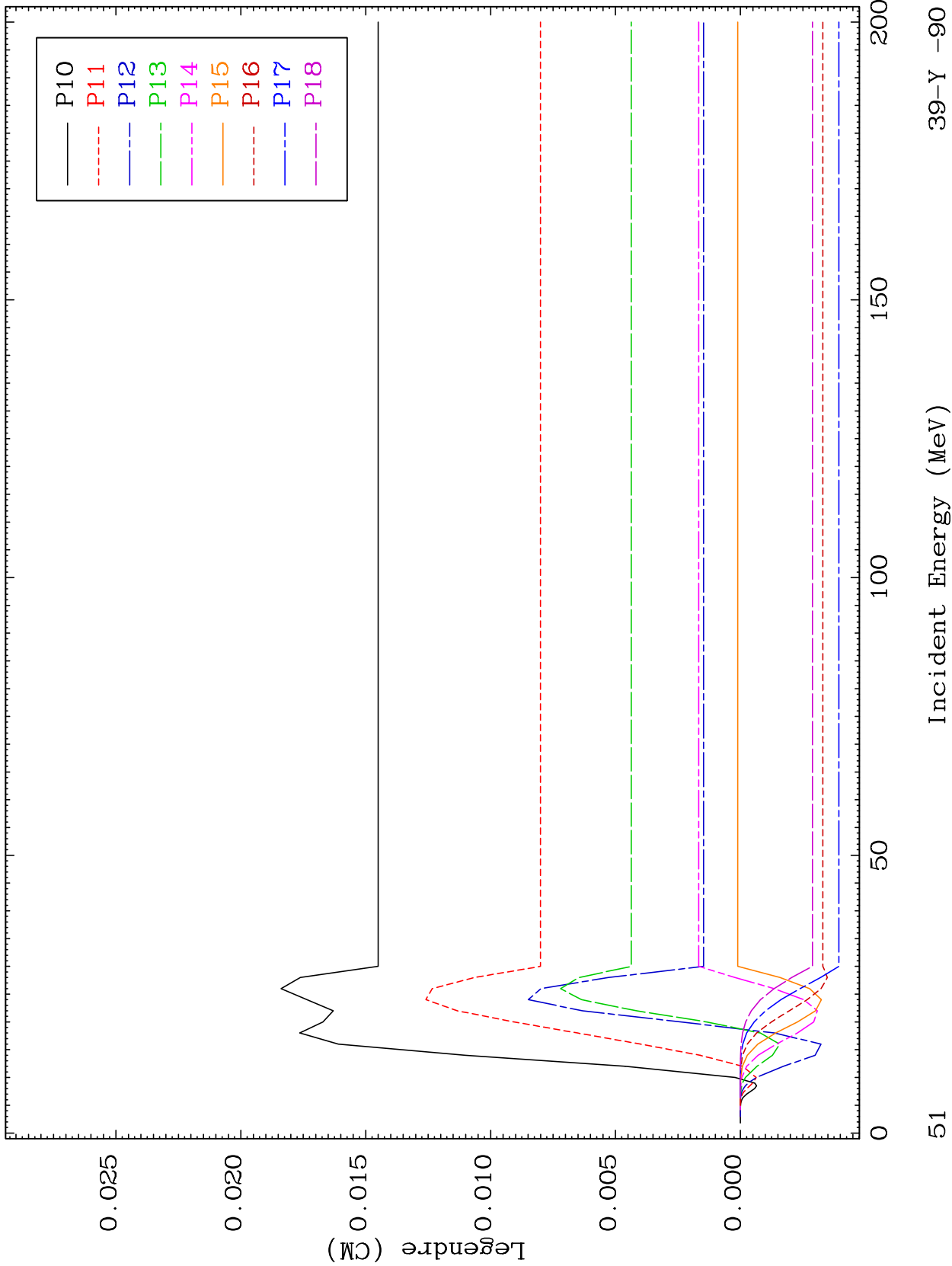




MAT 3928

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

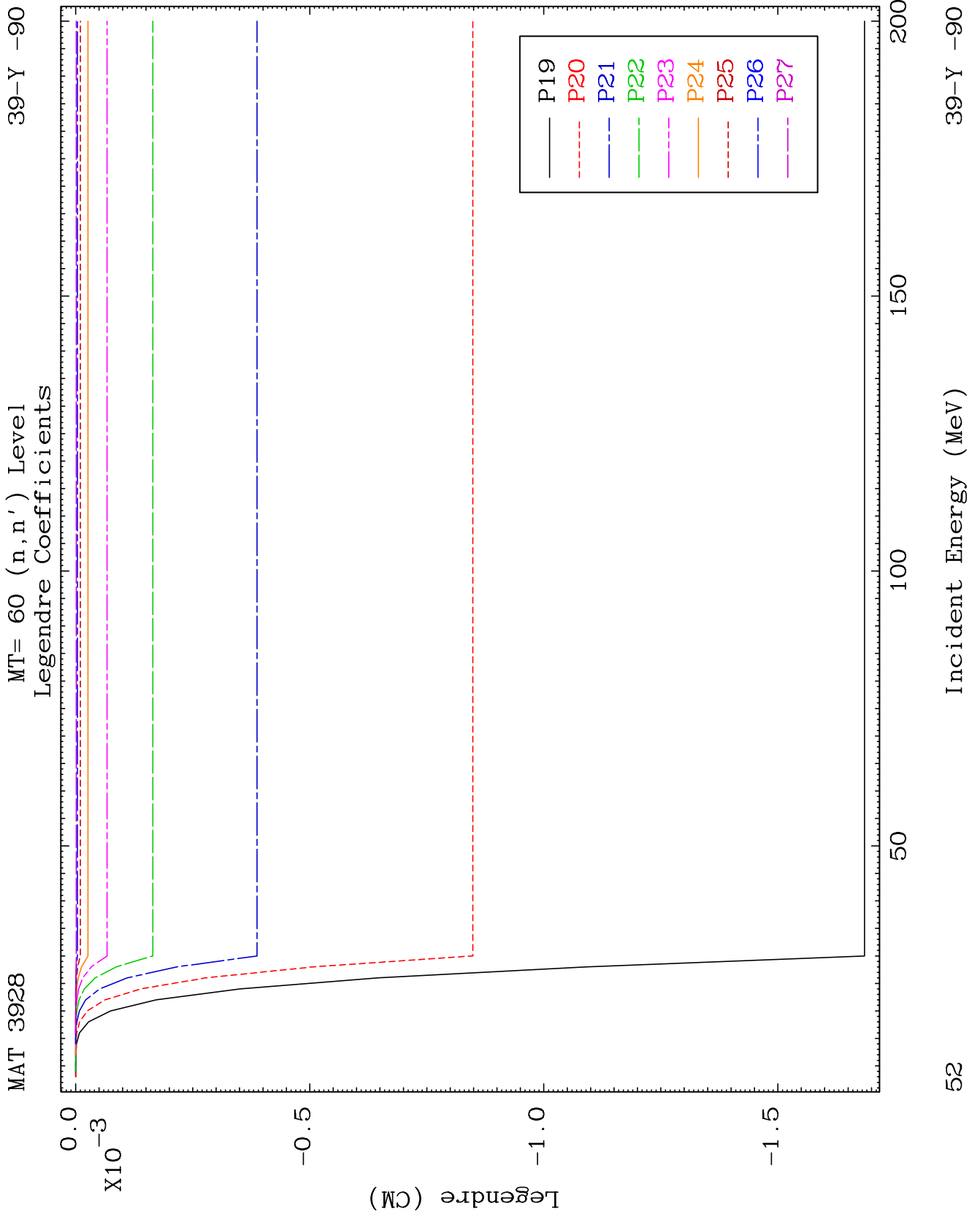
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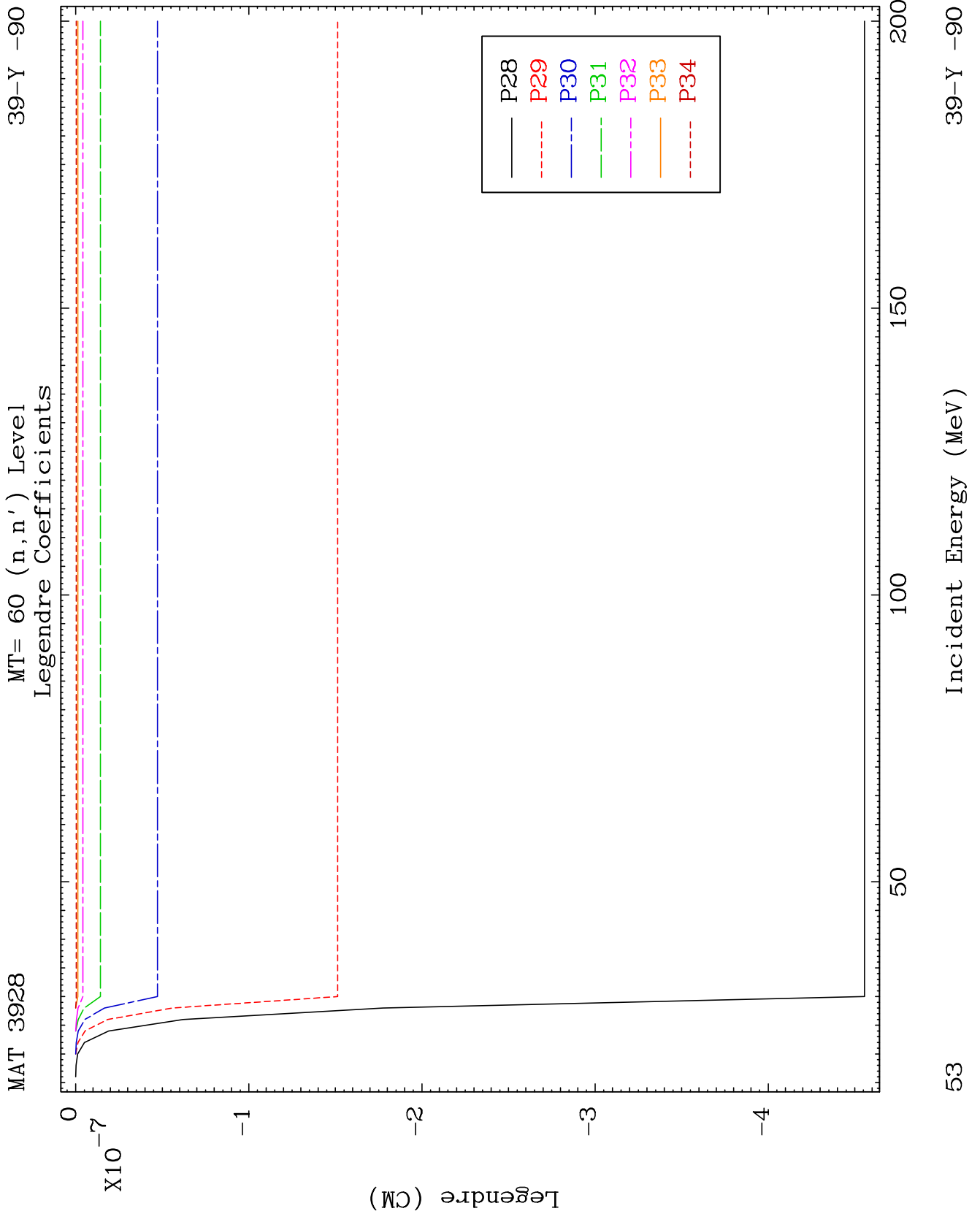


51

Incident Energy (MeV)

39-Y -90

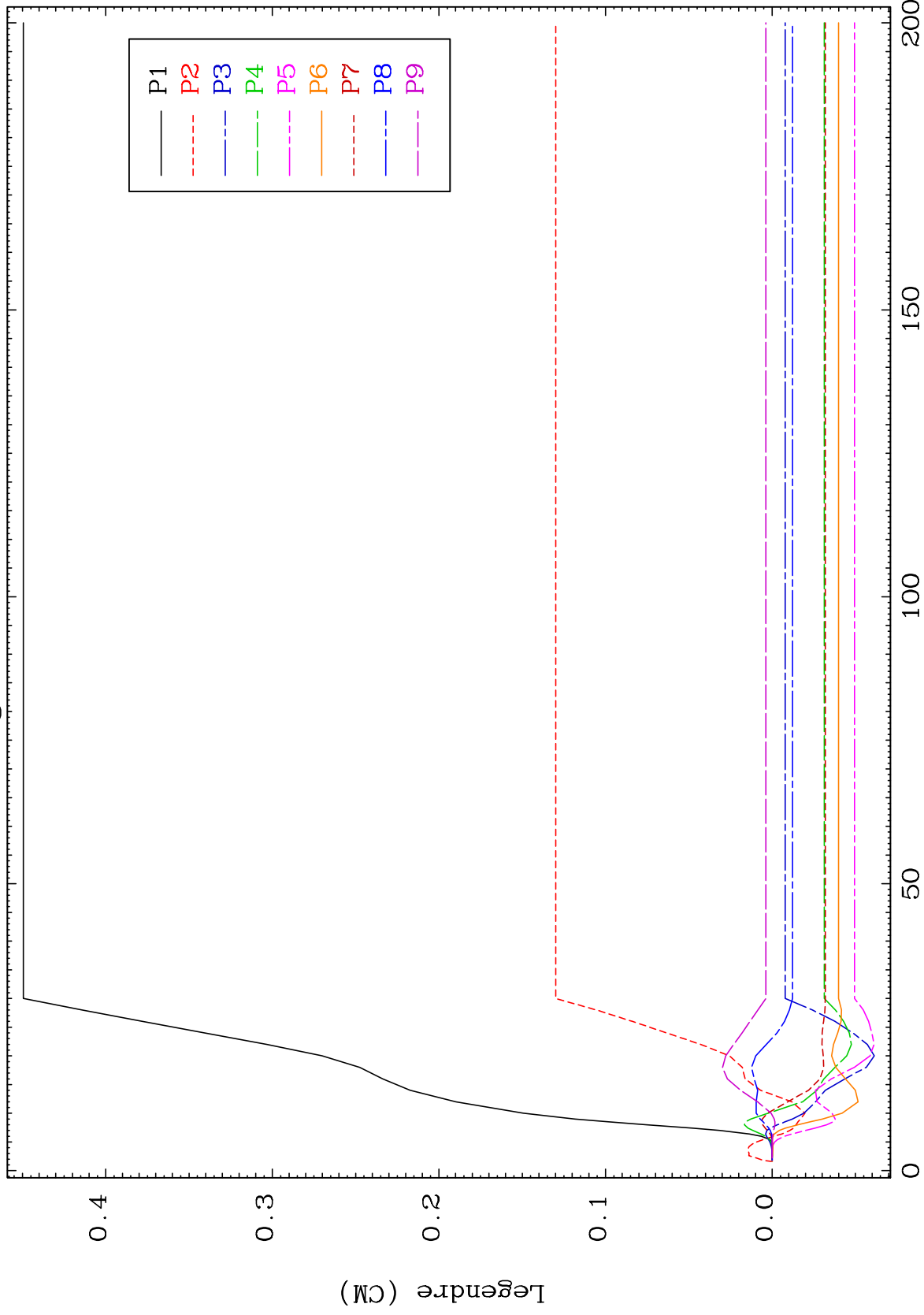




MAT 3928

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

39-Y -90



54

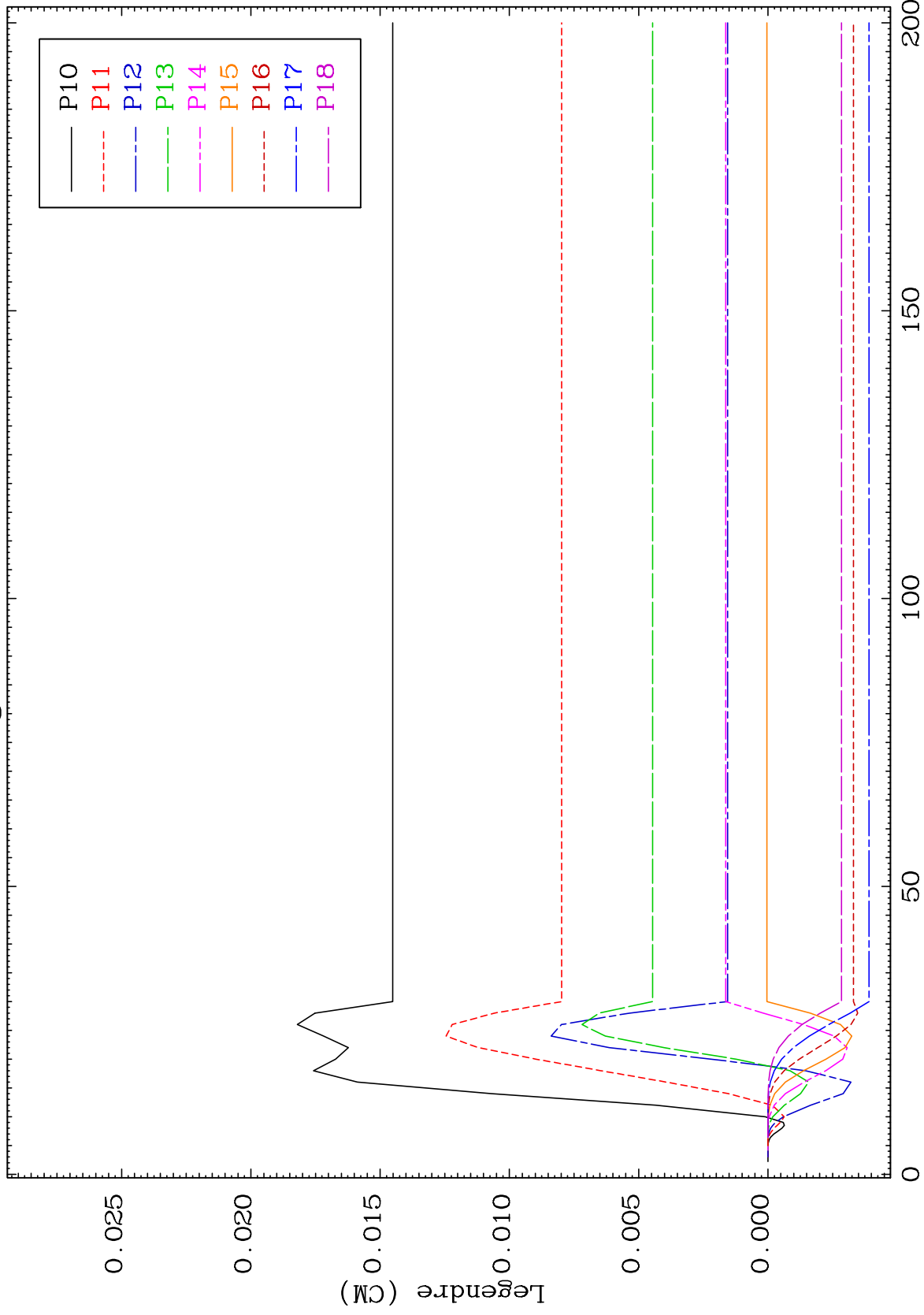
Incident Energy (MeV)

39-Y -90

MAT 3928

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

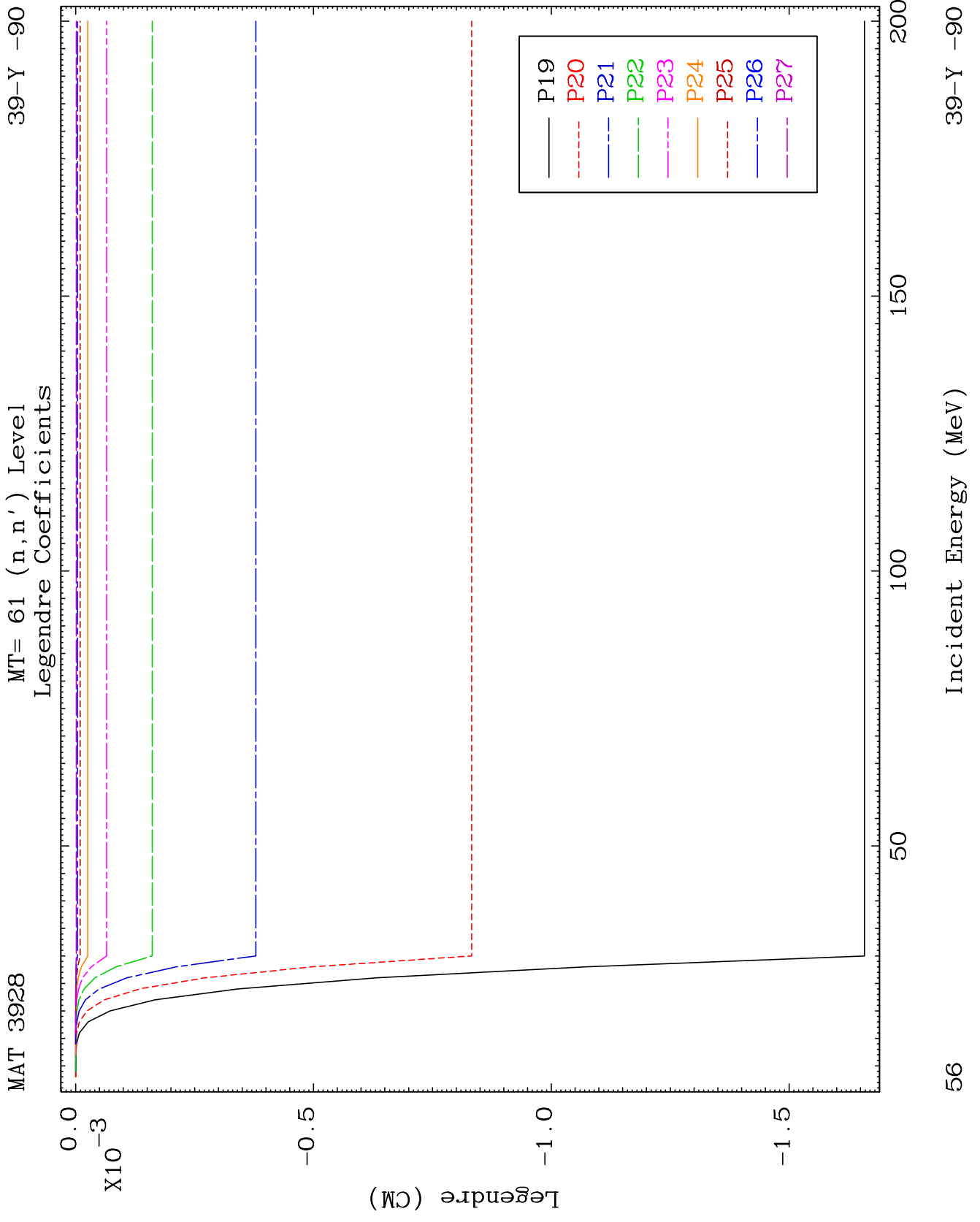
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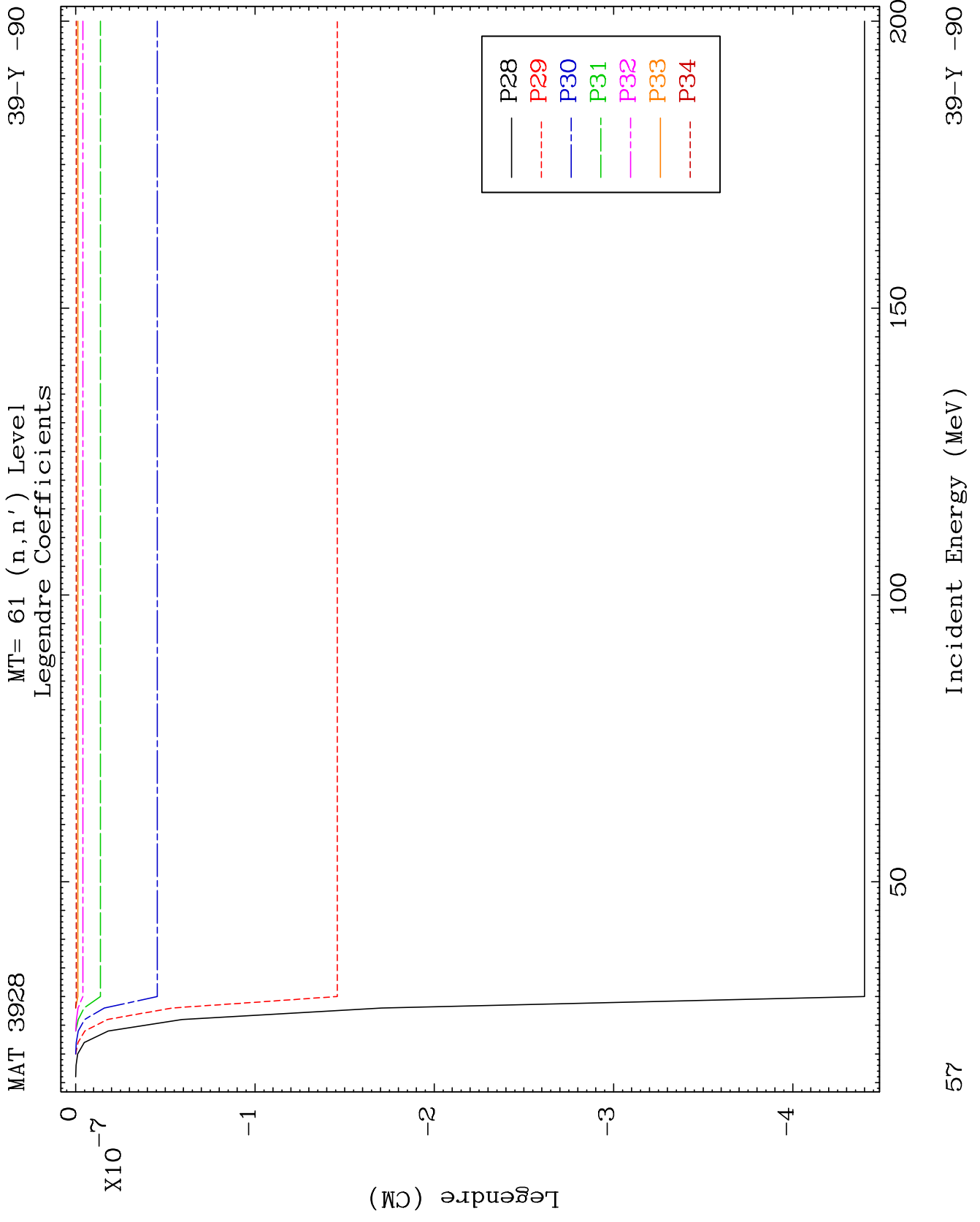


55

Incident Energy (MeV)

39-Y -90

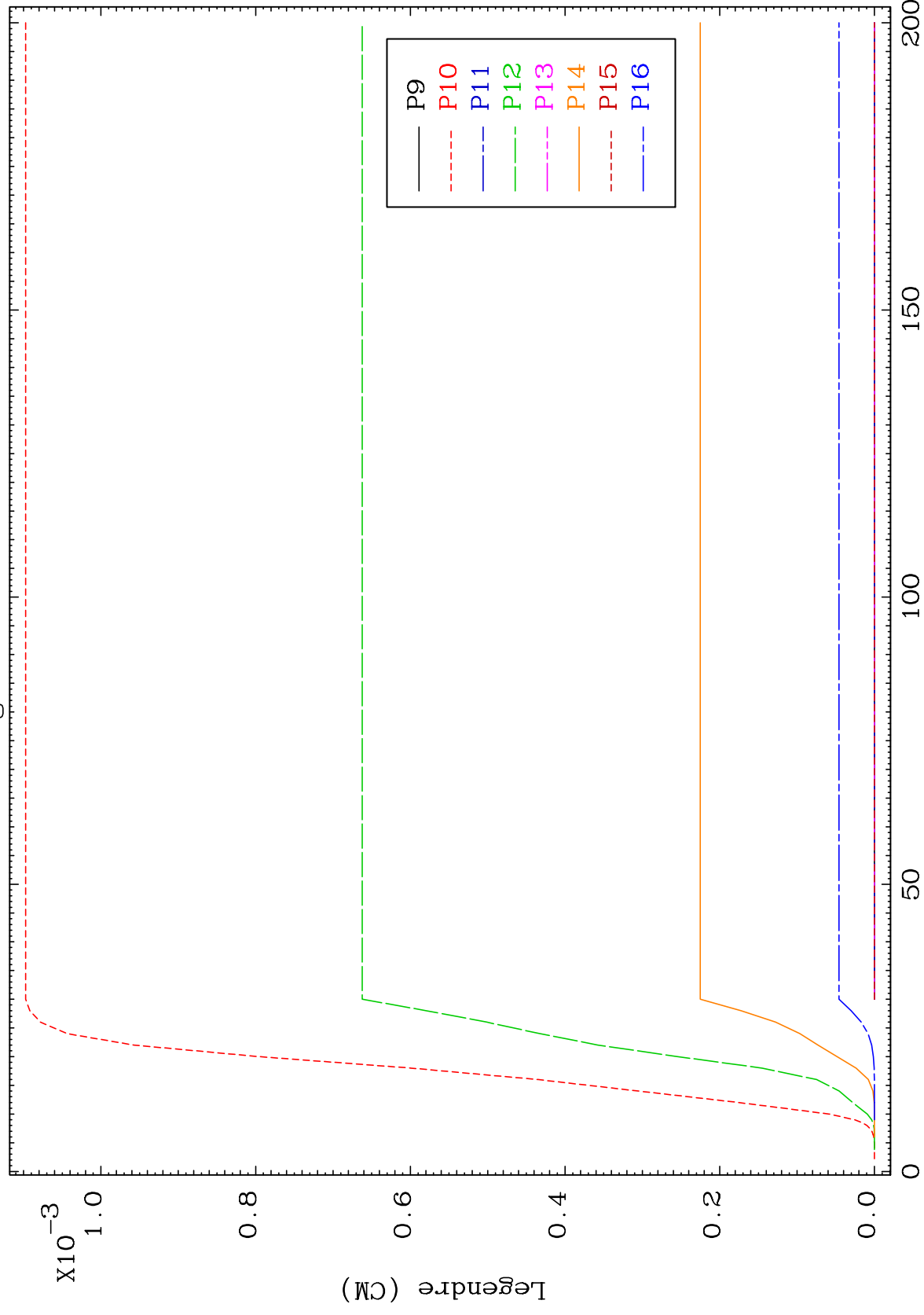




MAT 3928

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

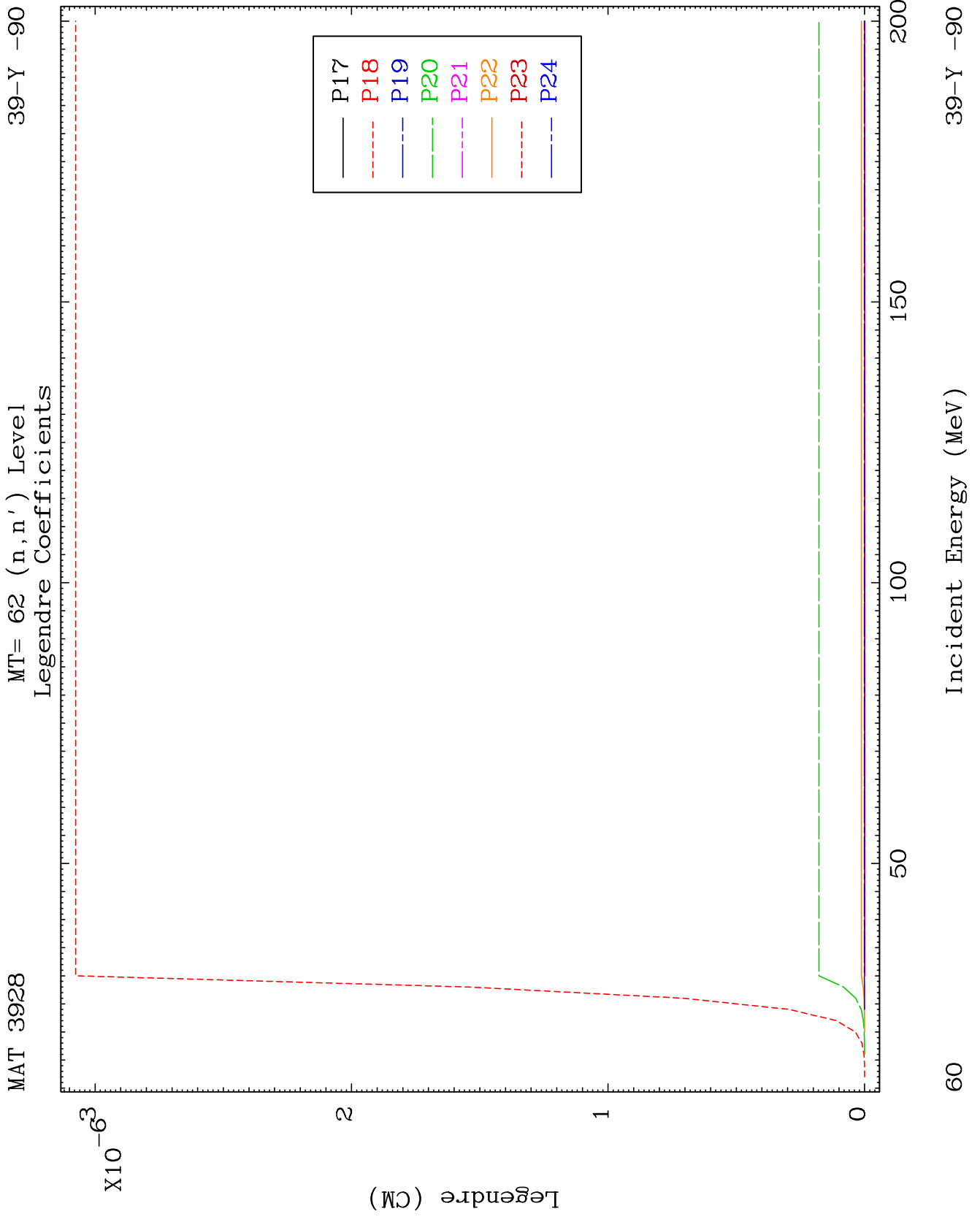
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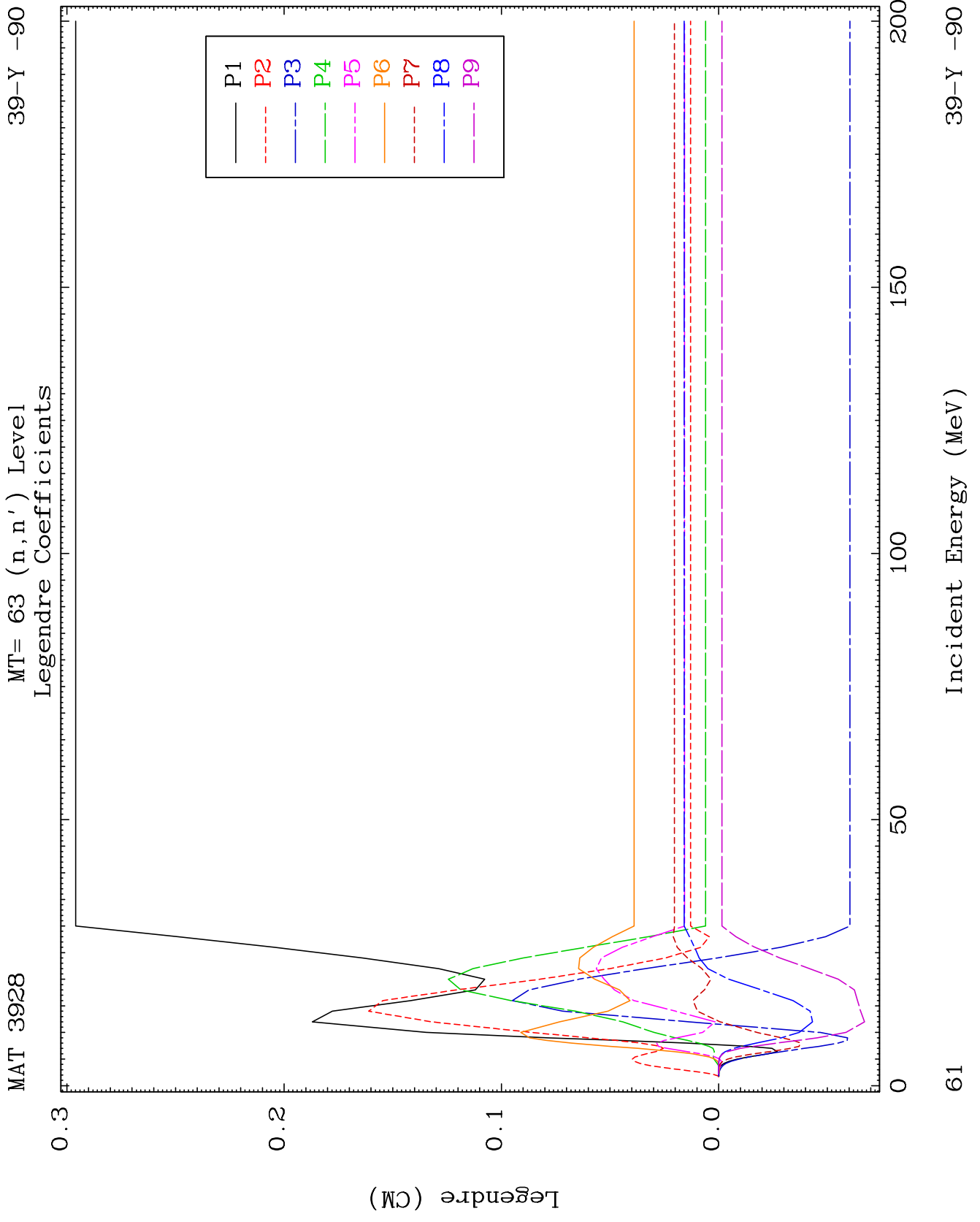


59

Incident Energy (MeV)

39-Y -90

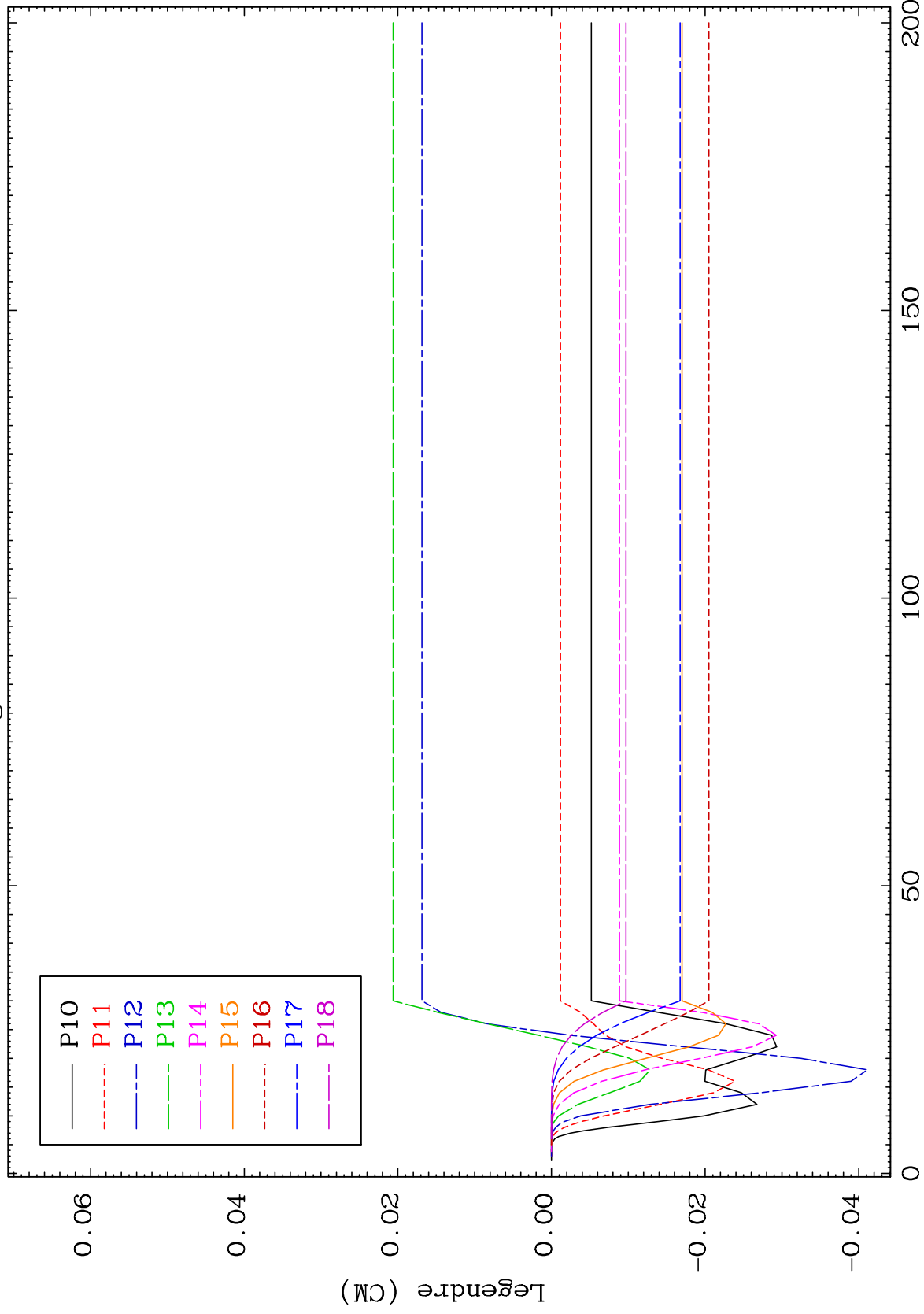


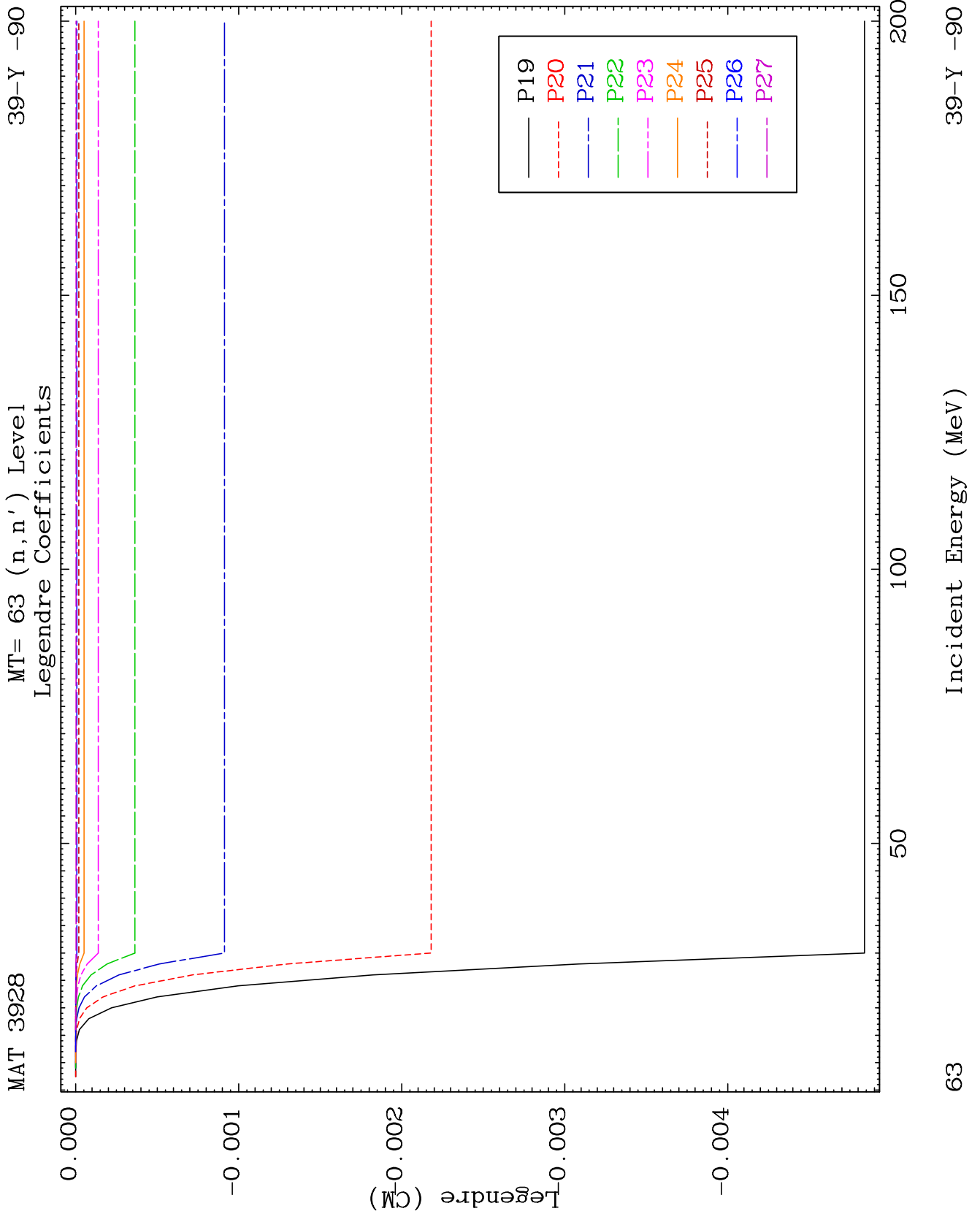


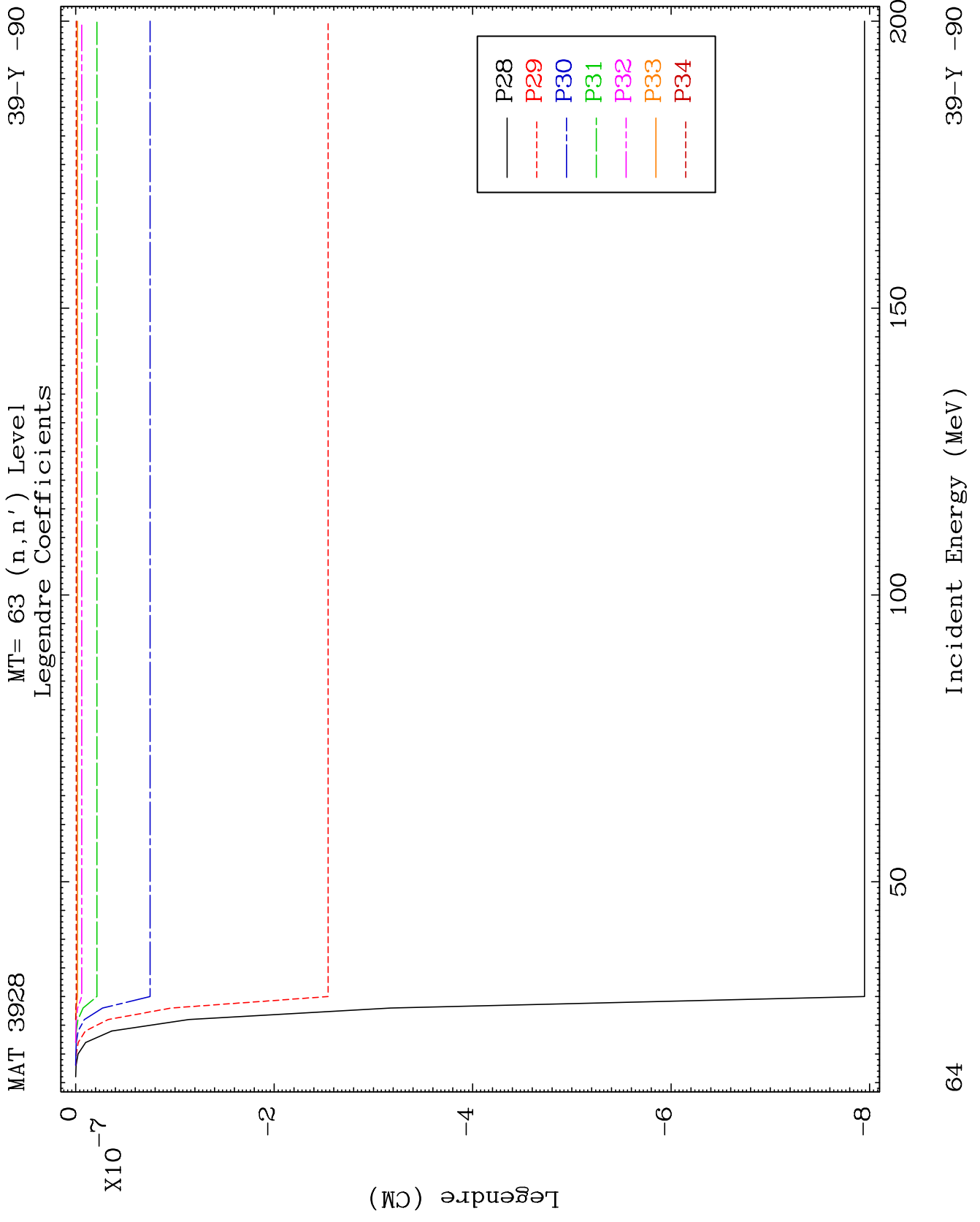
MAT 3928

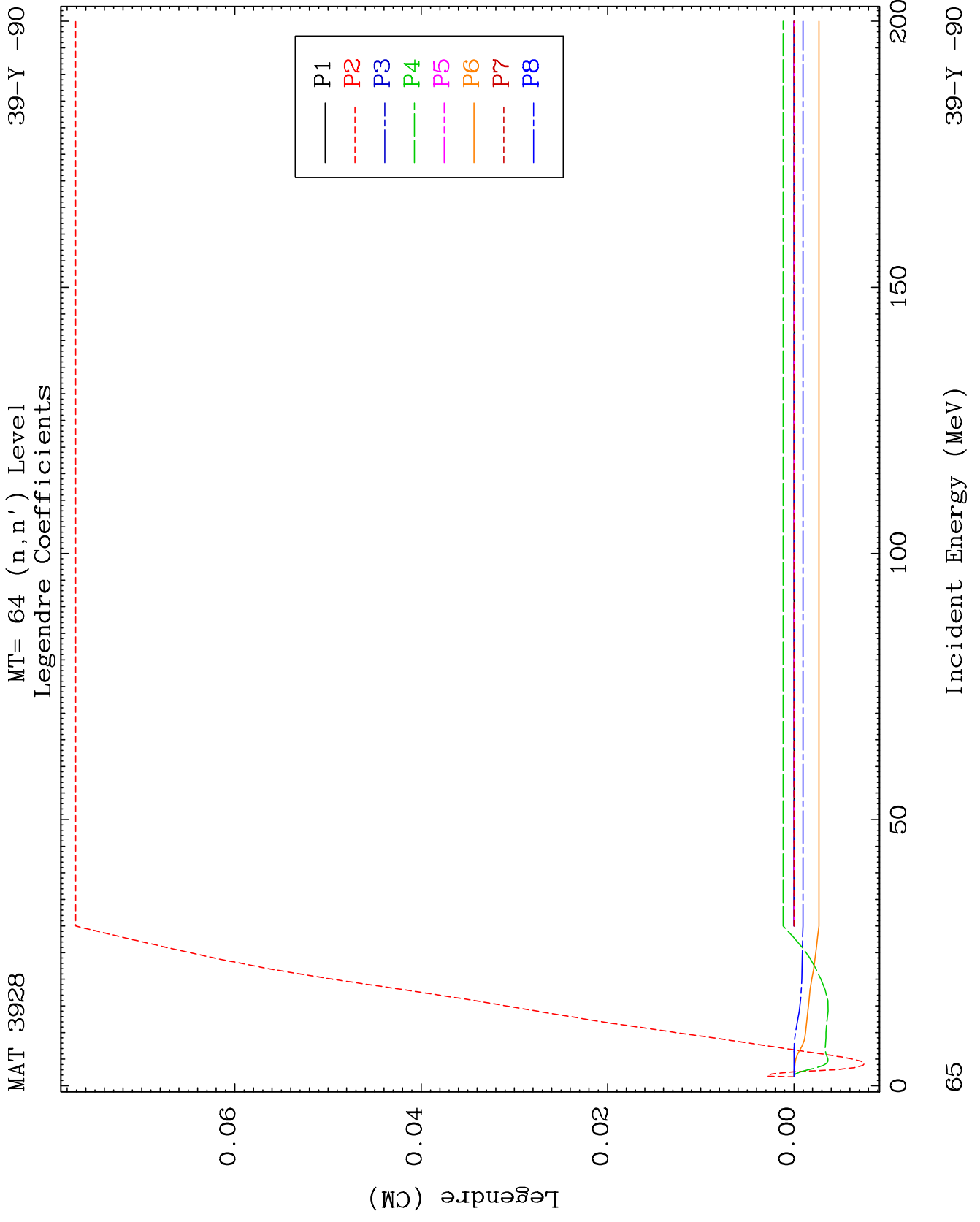
MT= 63 (n,n') Level
Legendre Coefficients

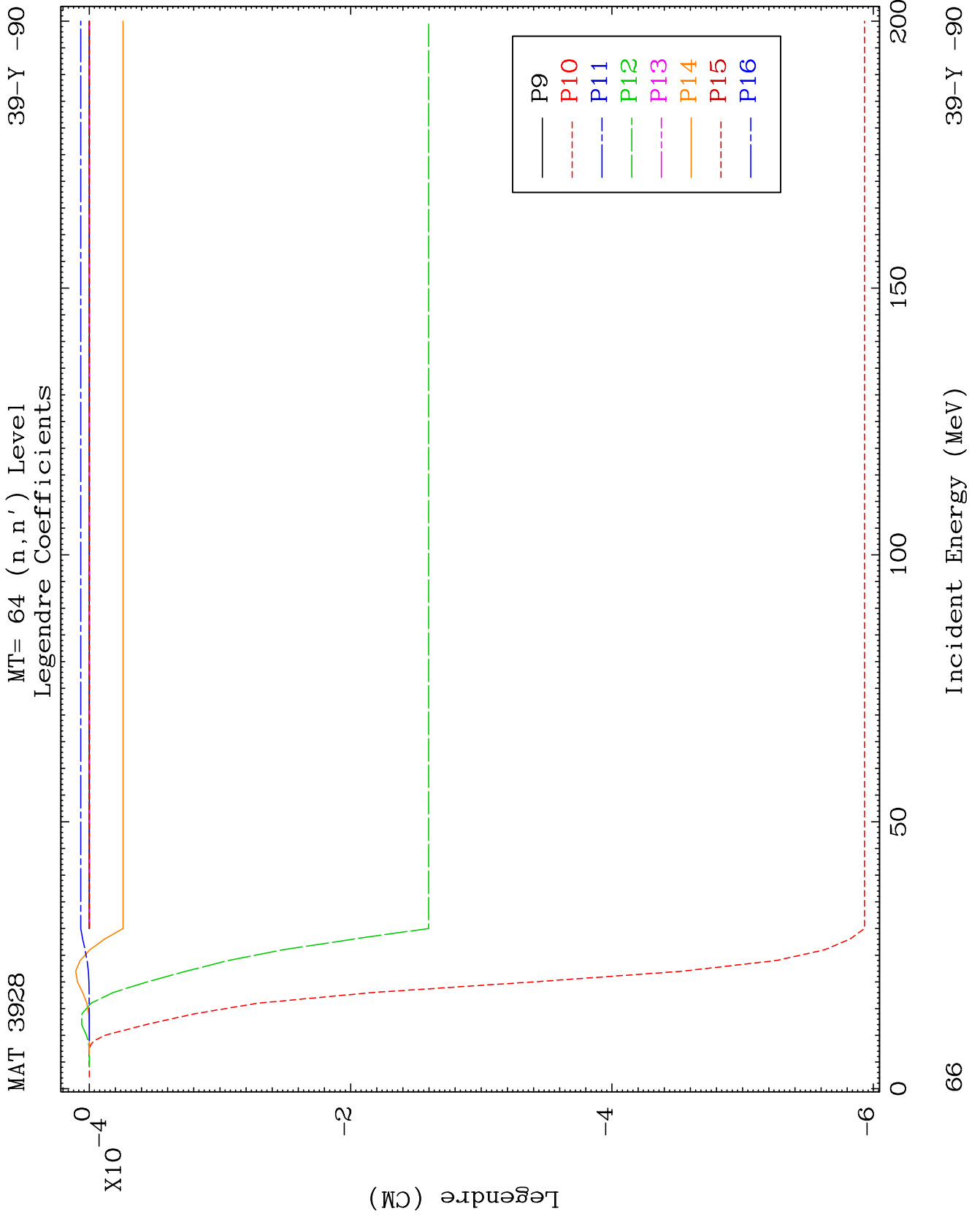
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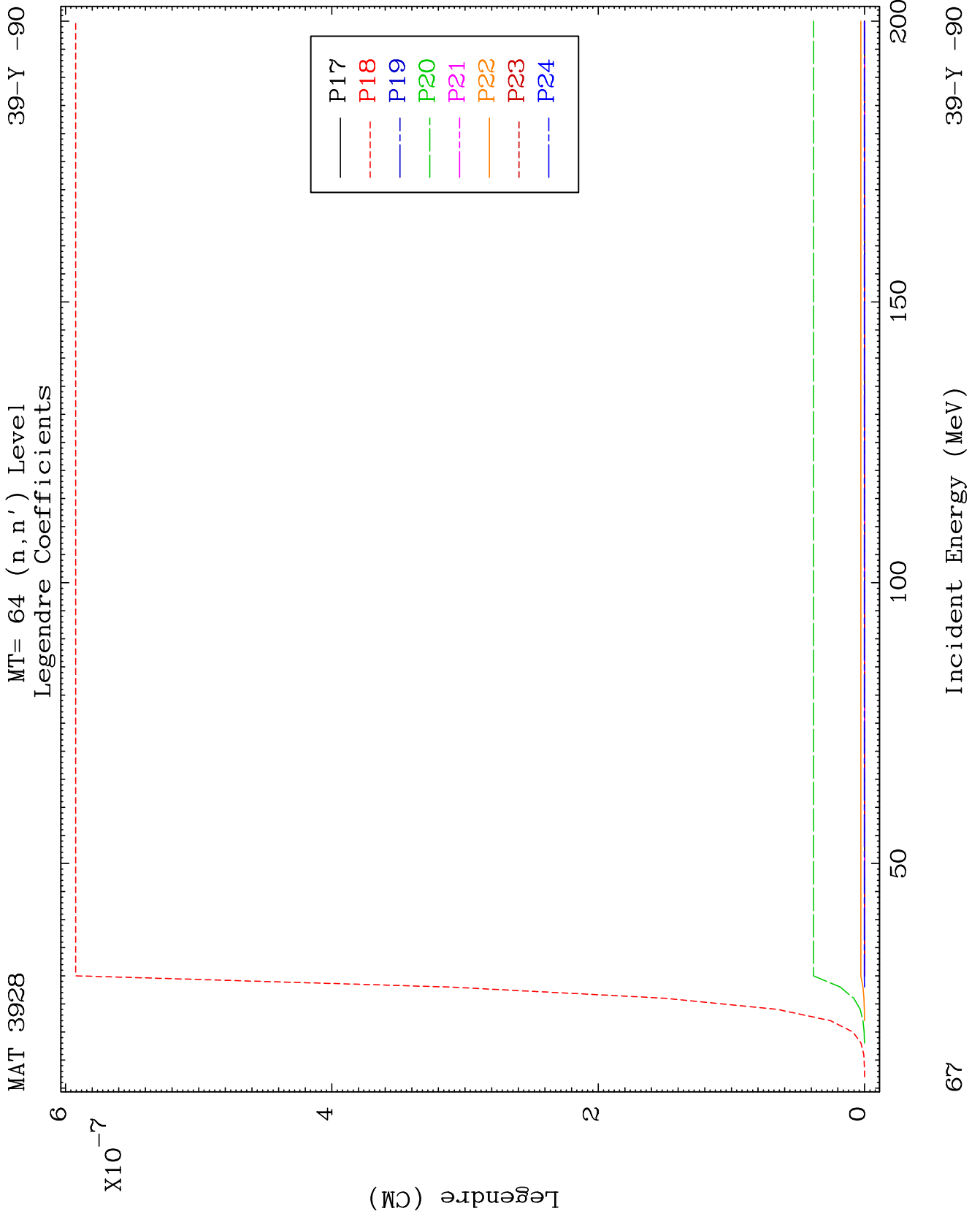


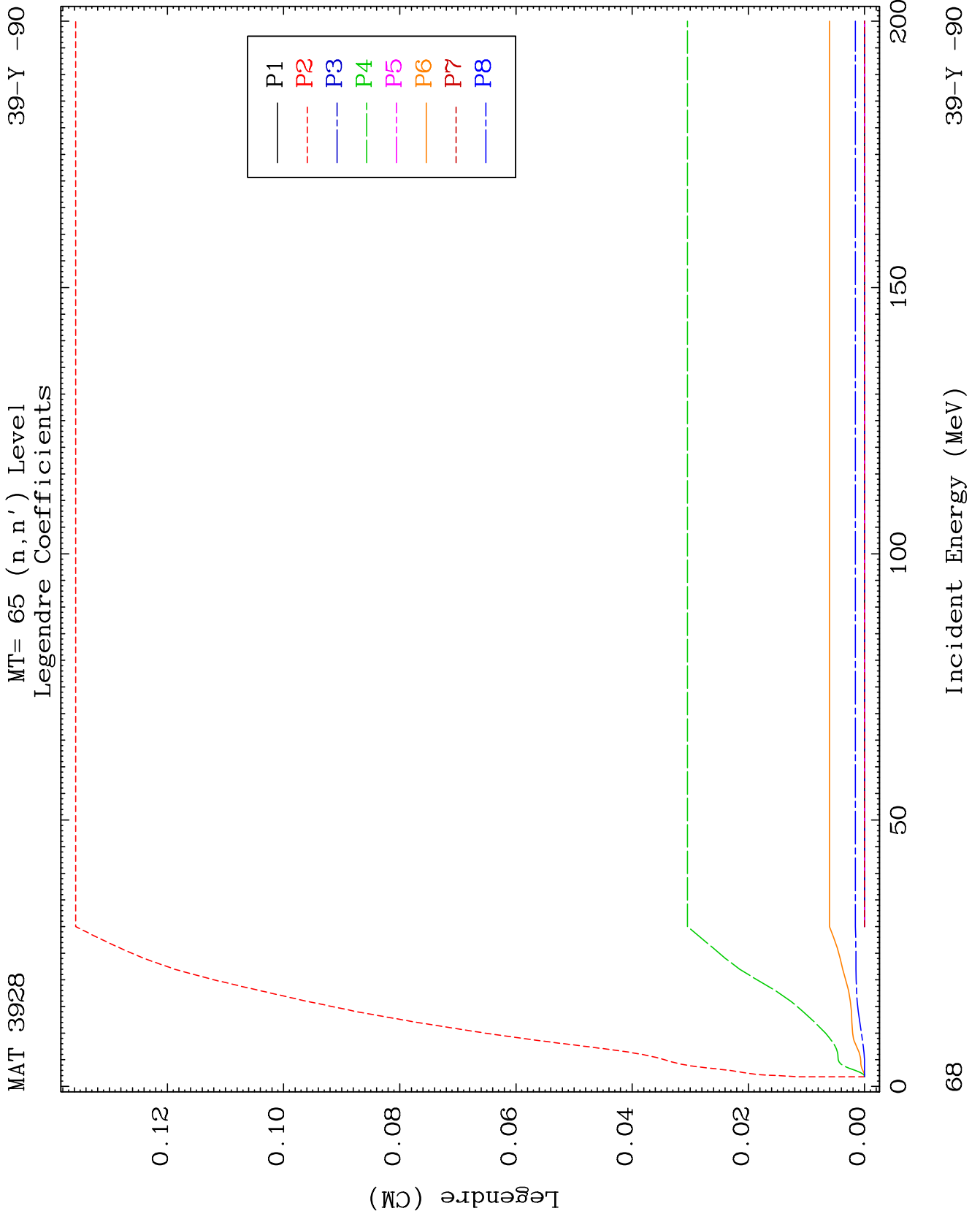


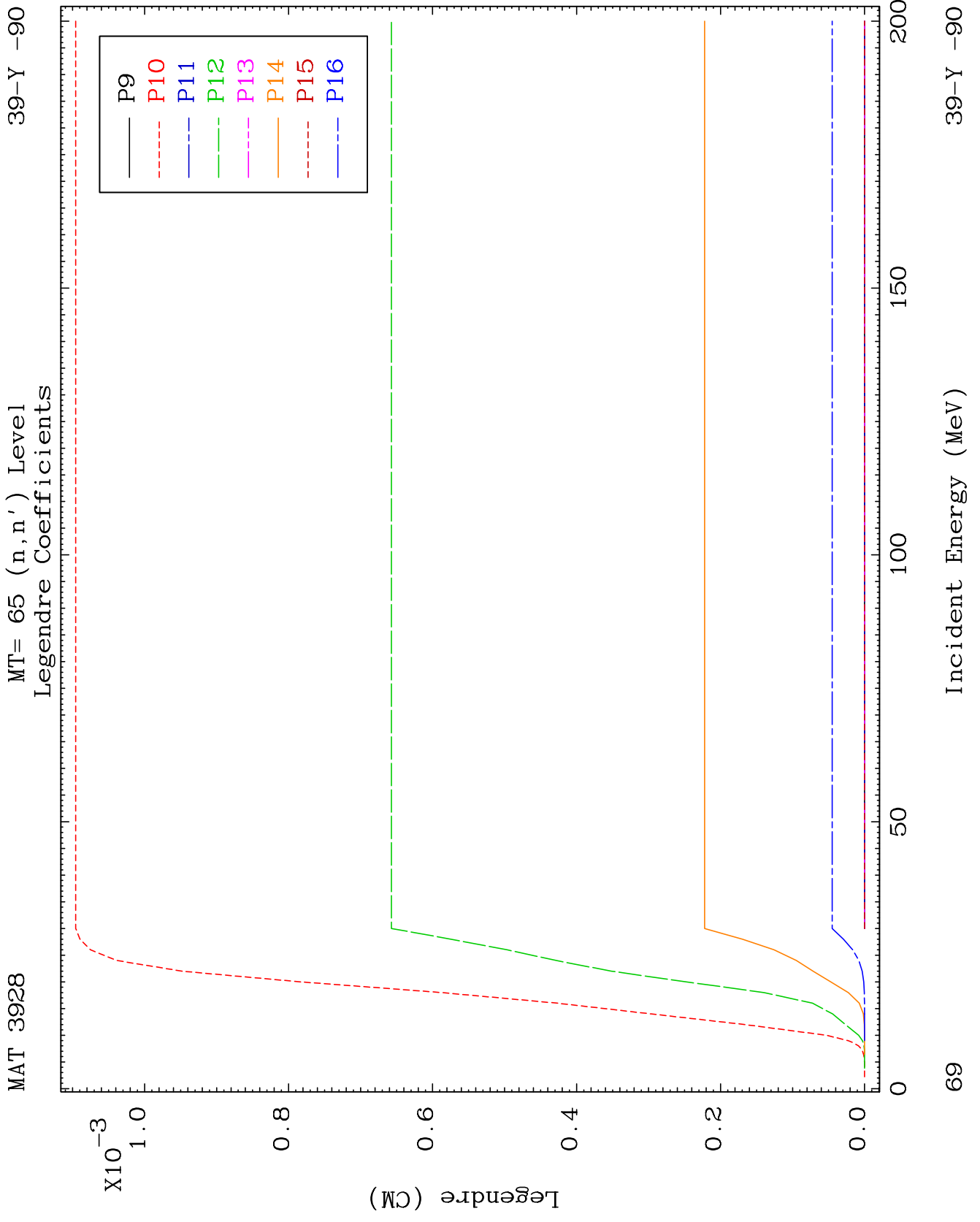








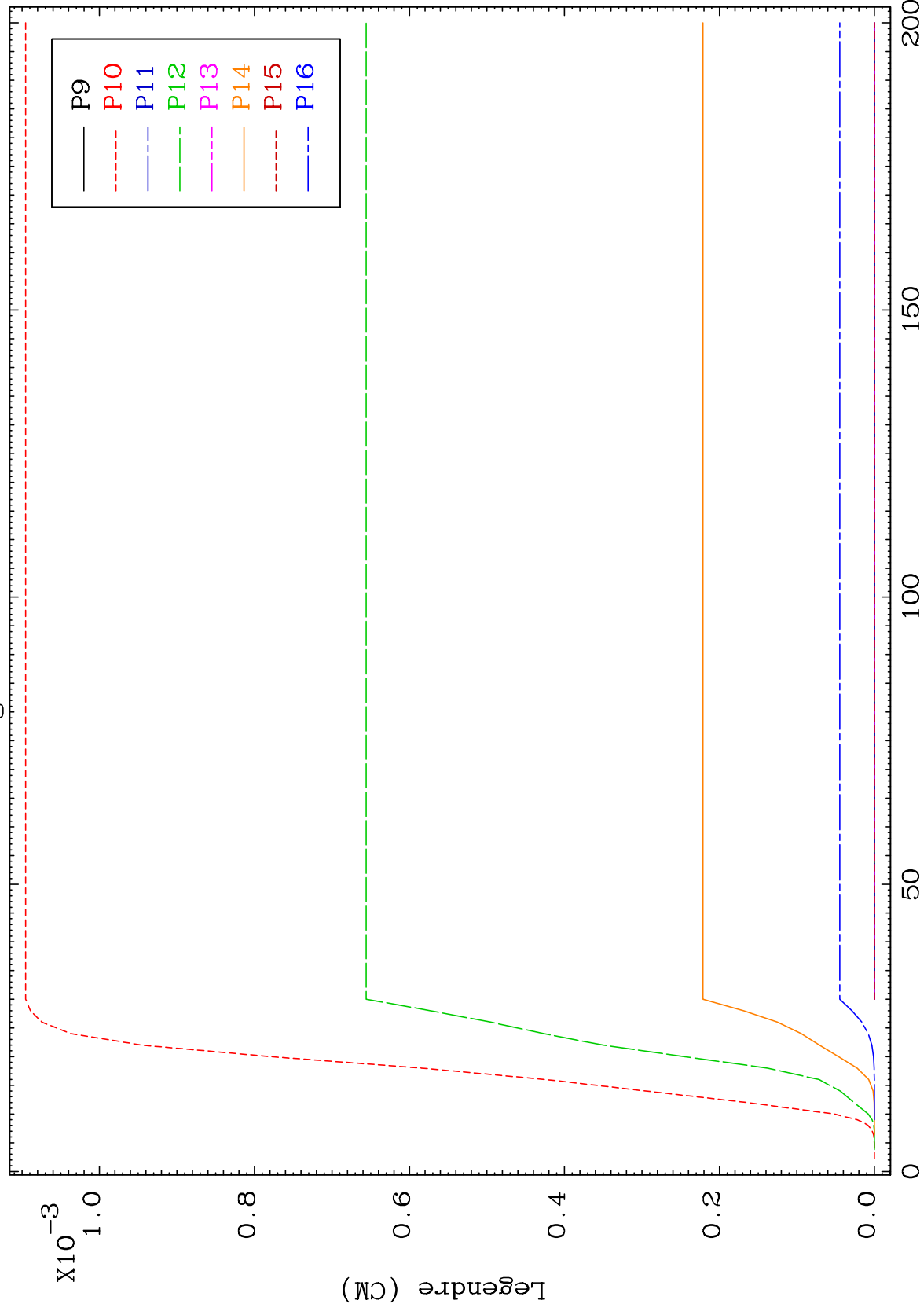




MAT 3928

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

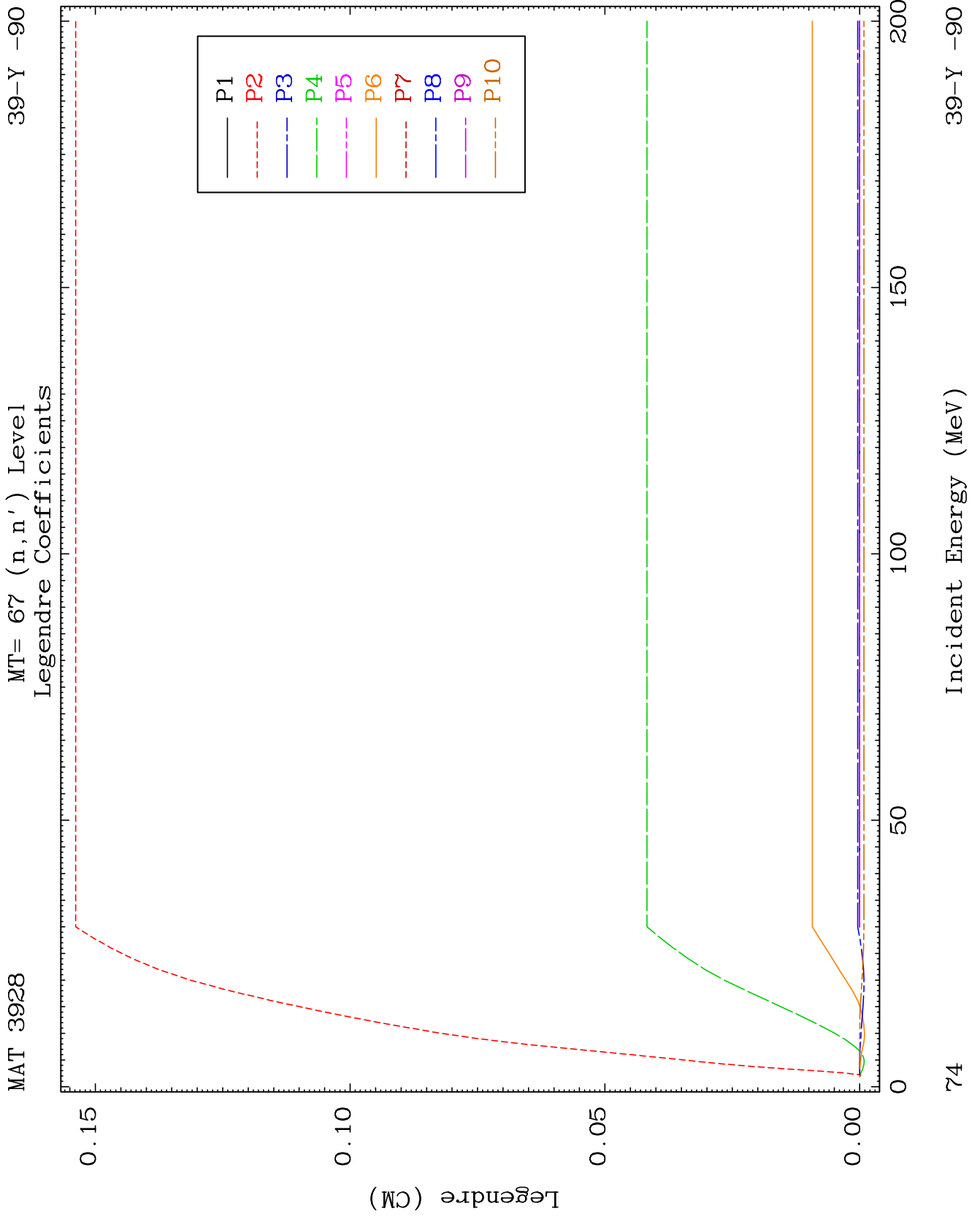
39-Y -90

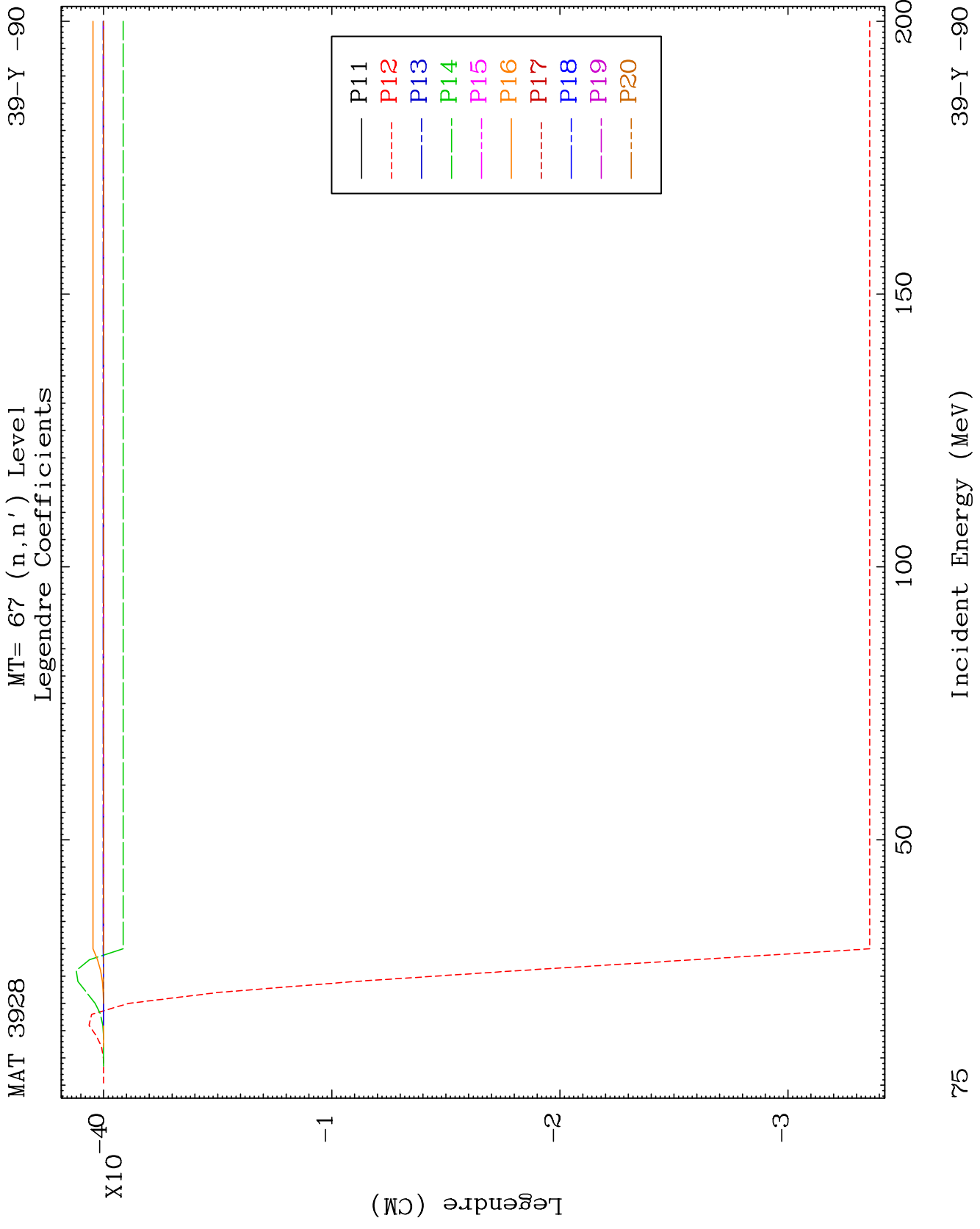


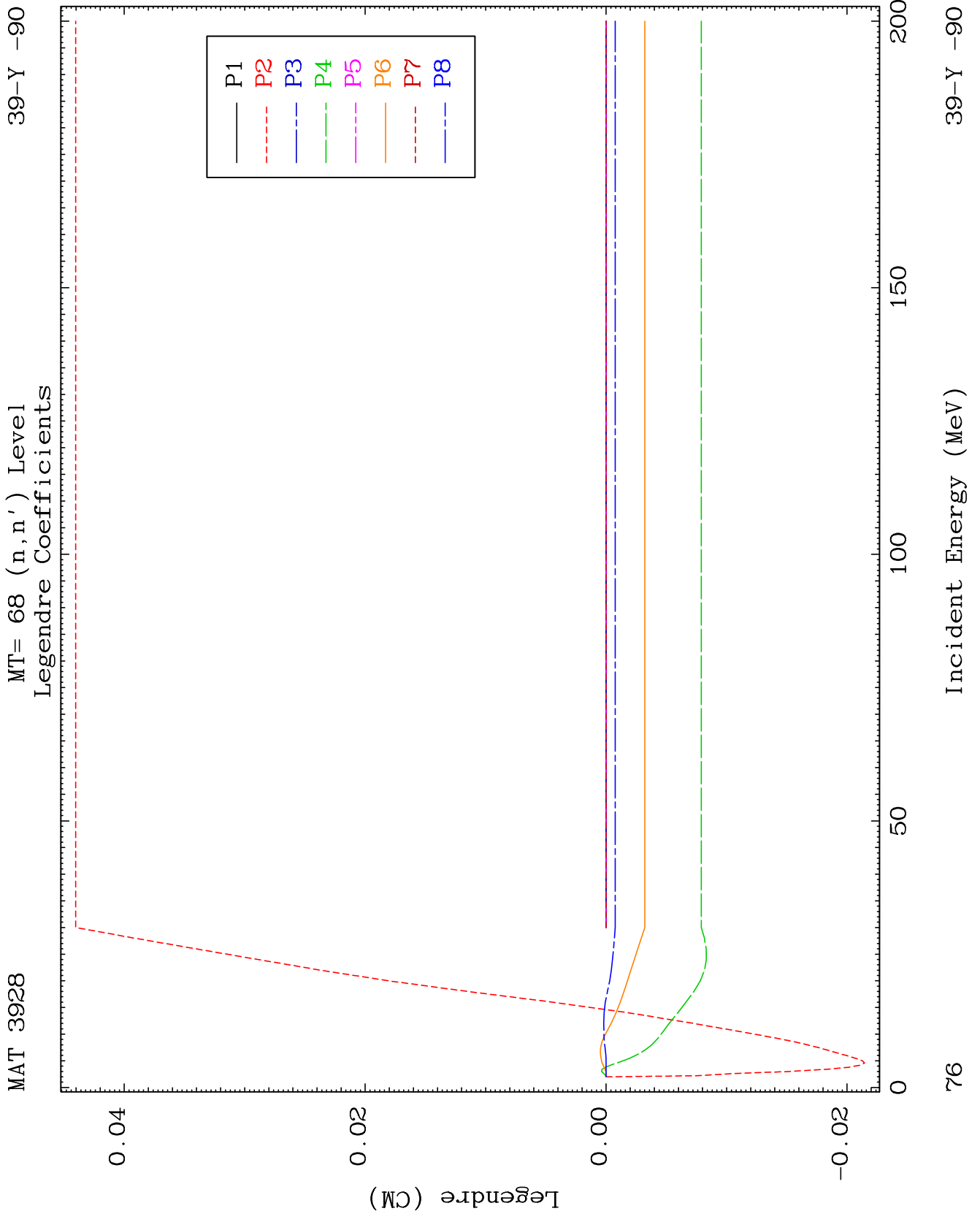
72

Incident Energy (MeV)

39-Y -90



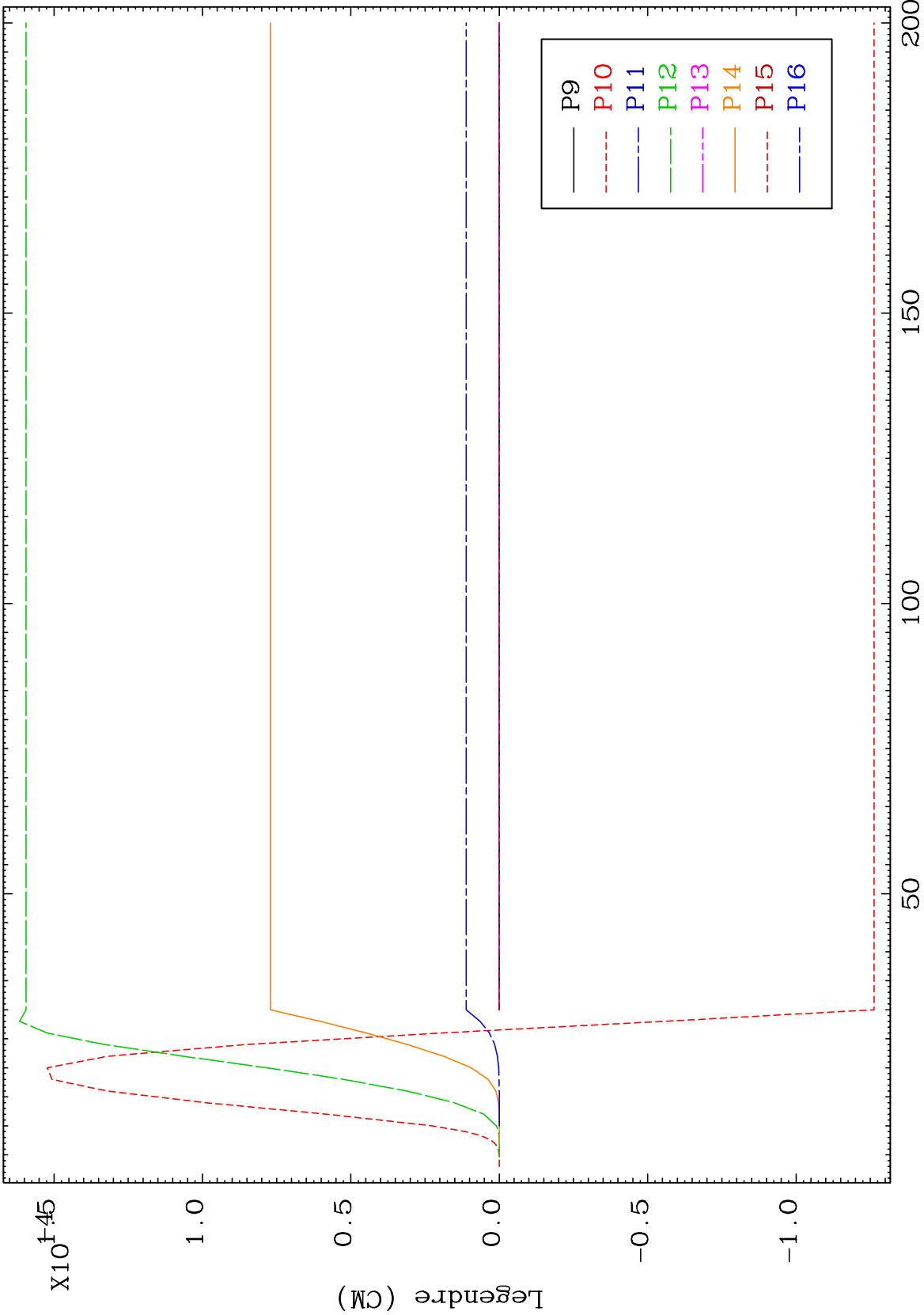




MAT 3928

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

39-Y -90



77

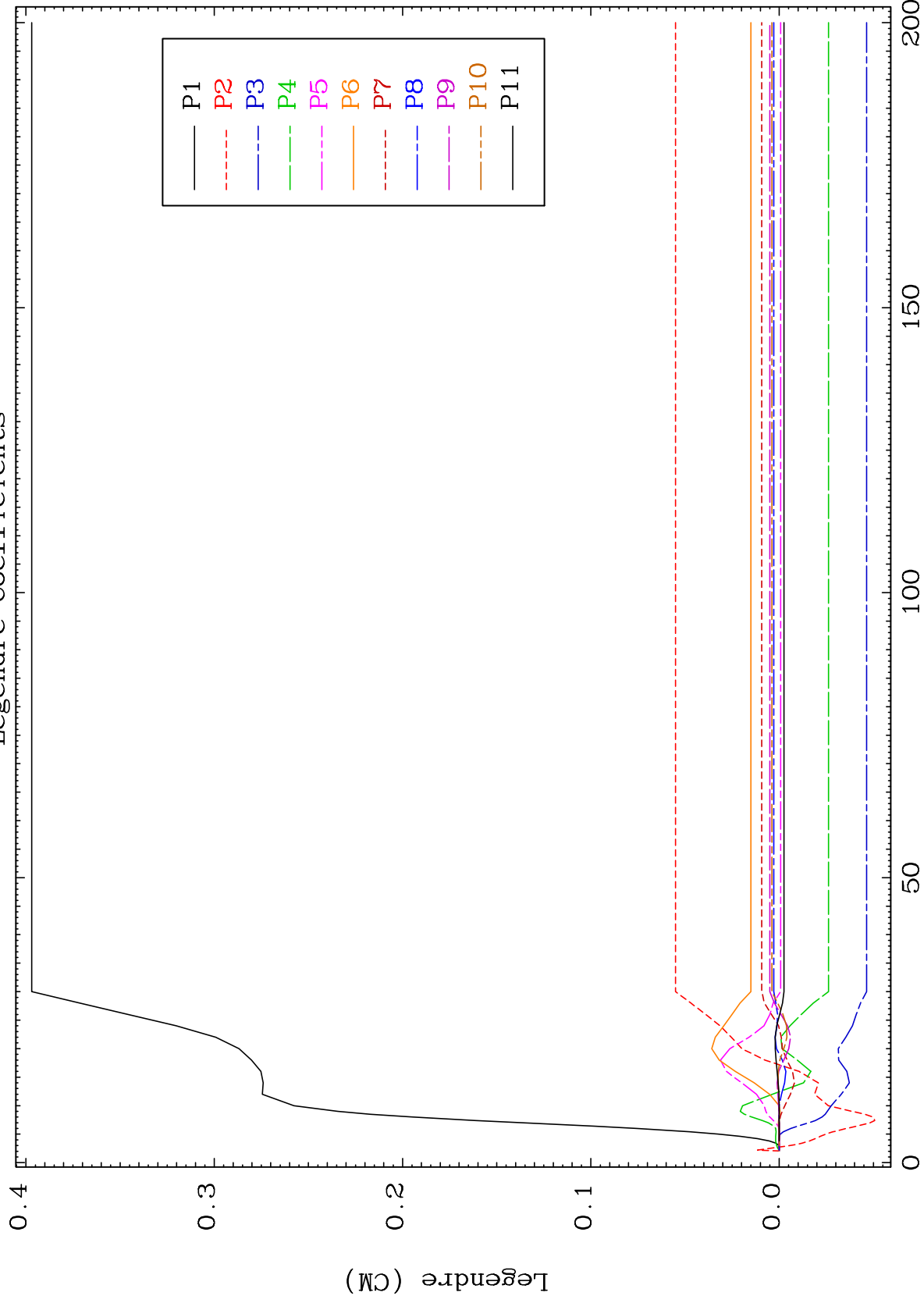
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



79

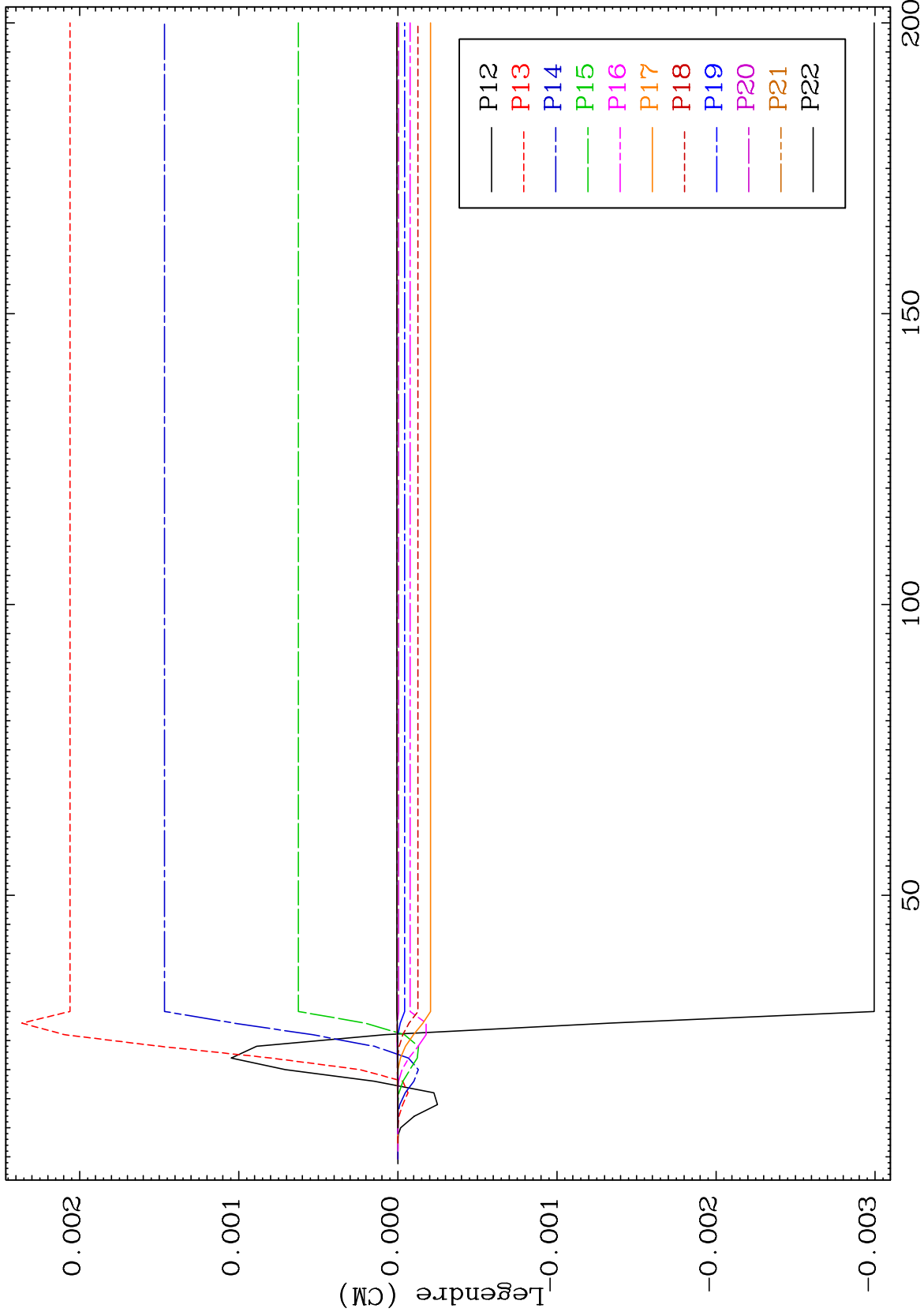
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



80

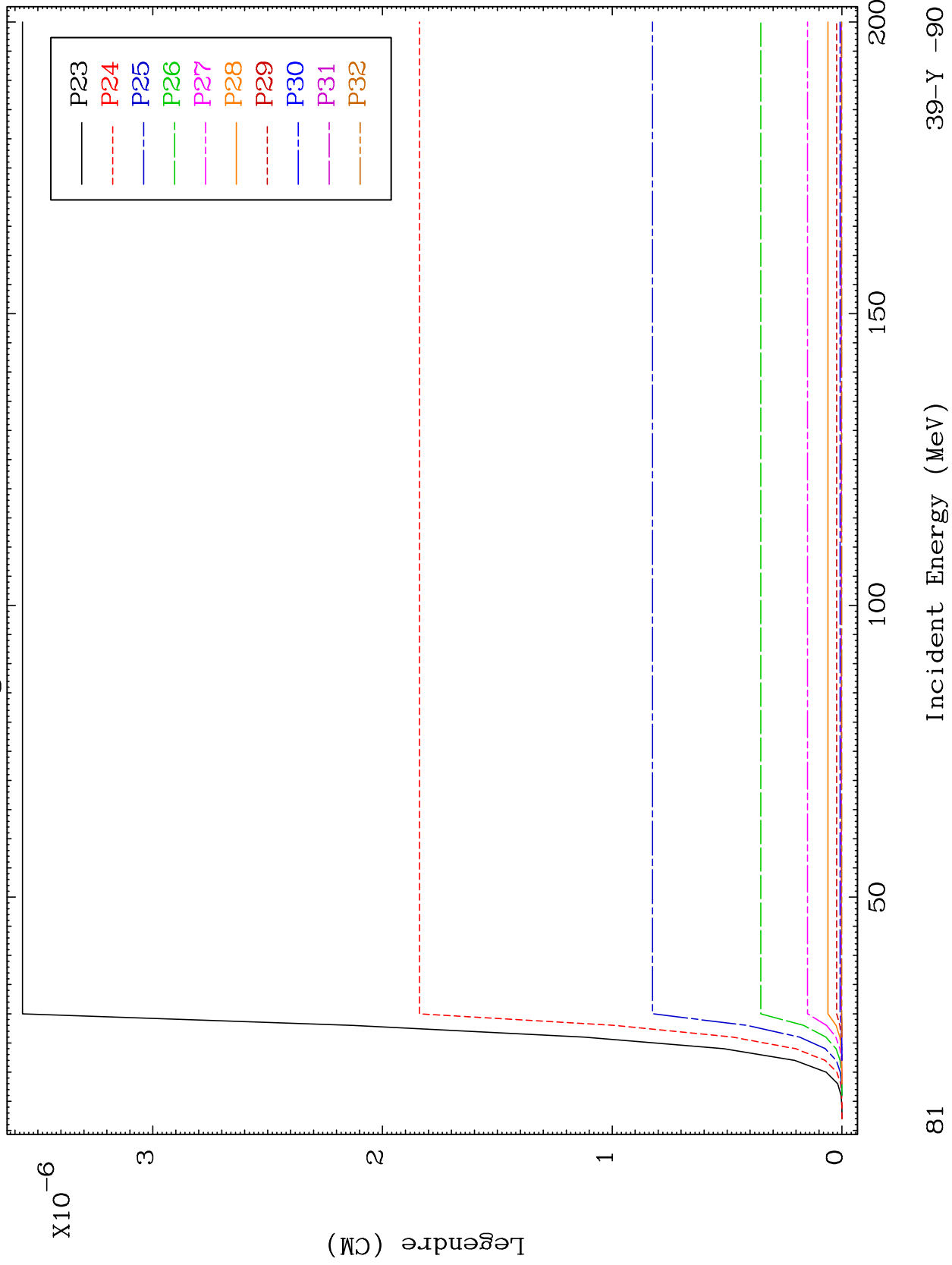
Incident Energy (MeV)

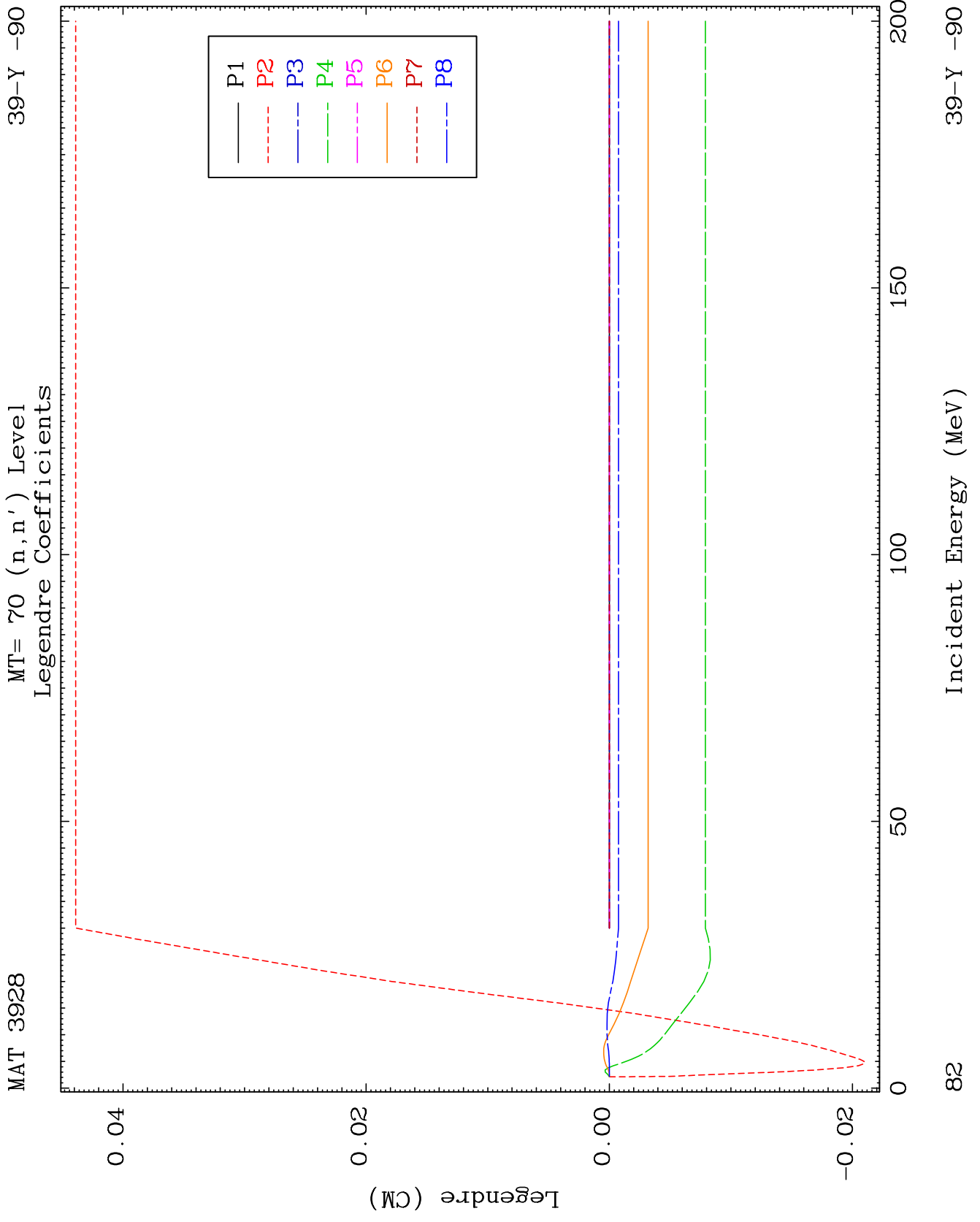
39-Y -90

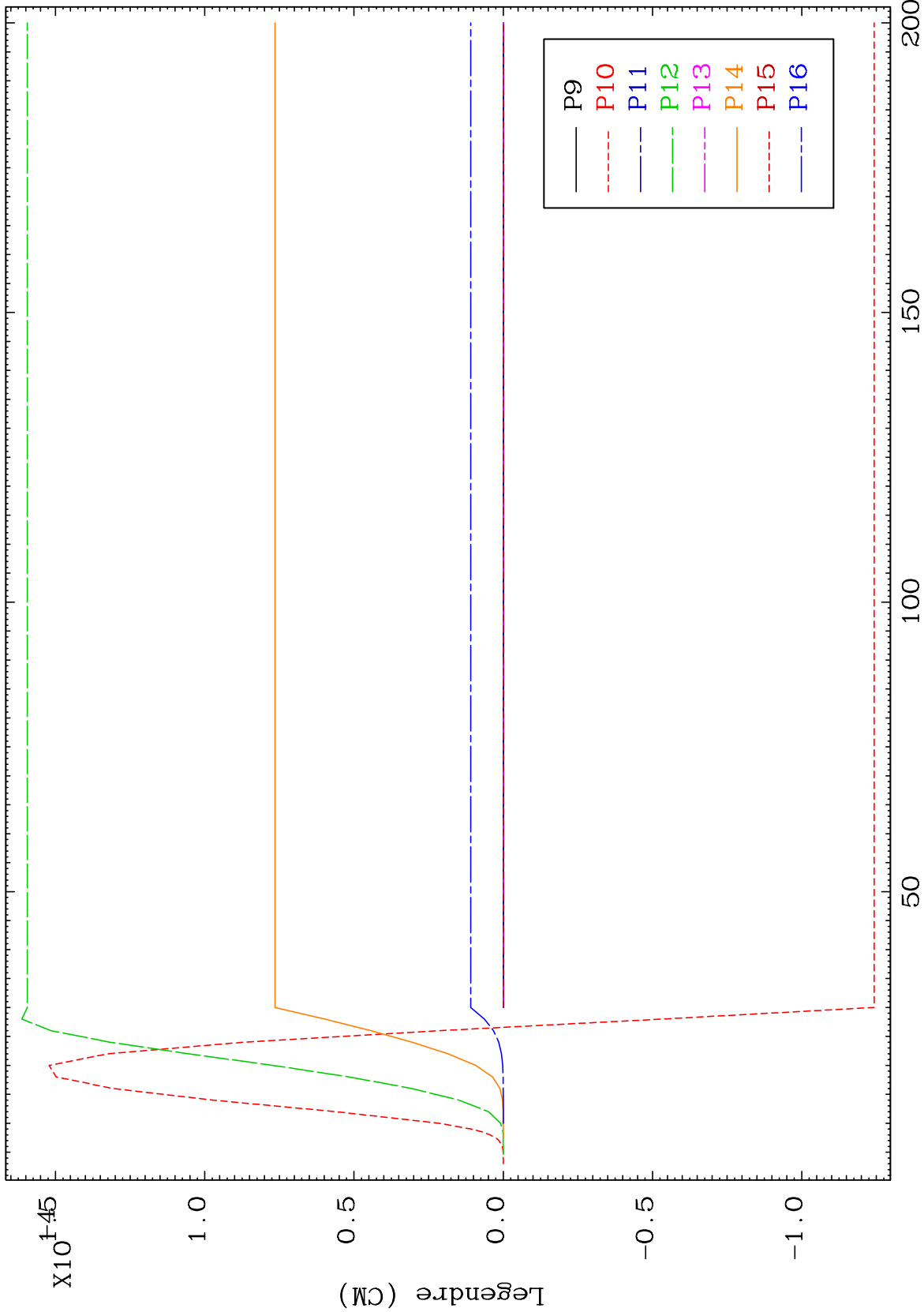
MAT 3928

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

39-Y -90



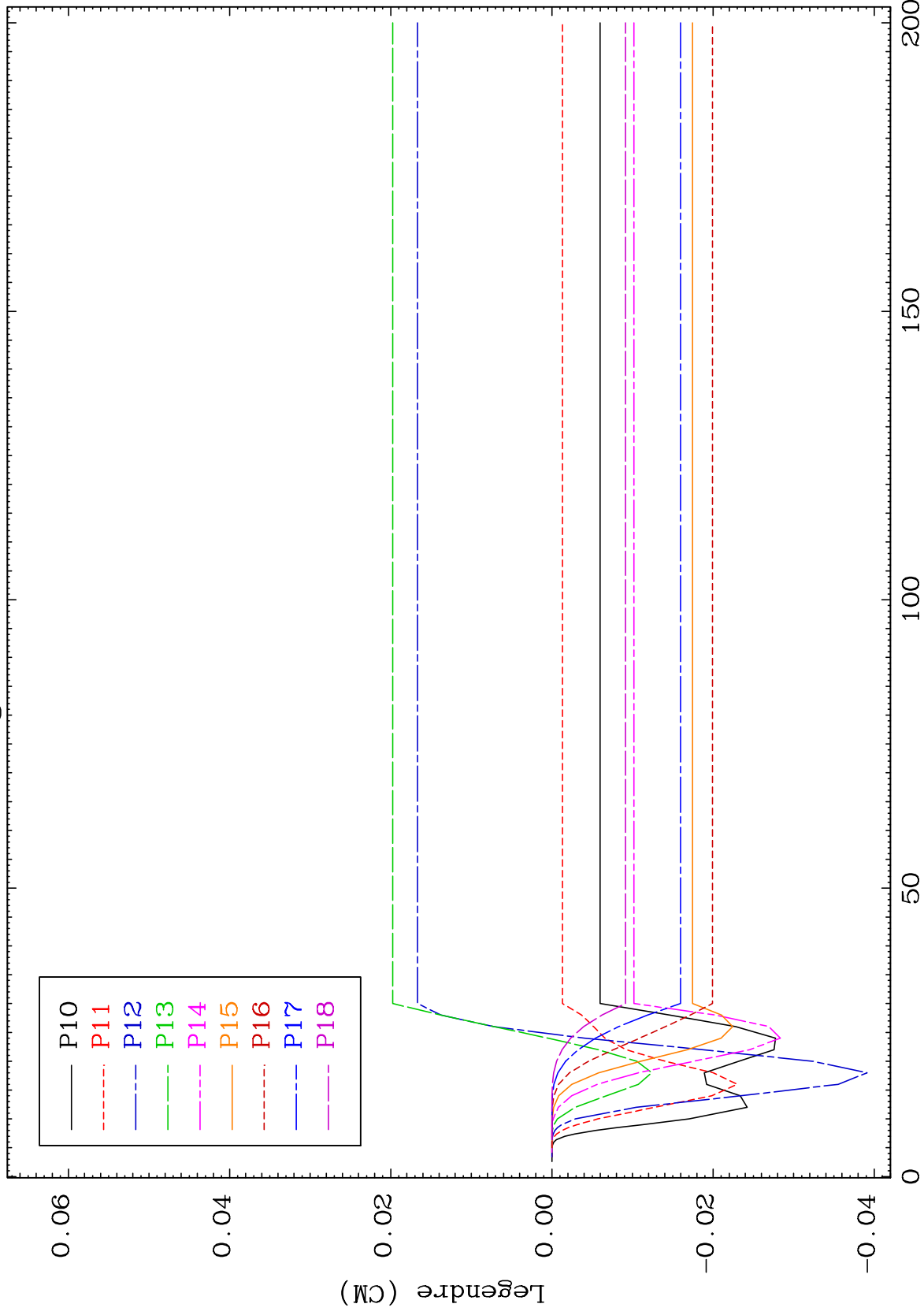




MAT 3928

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

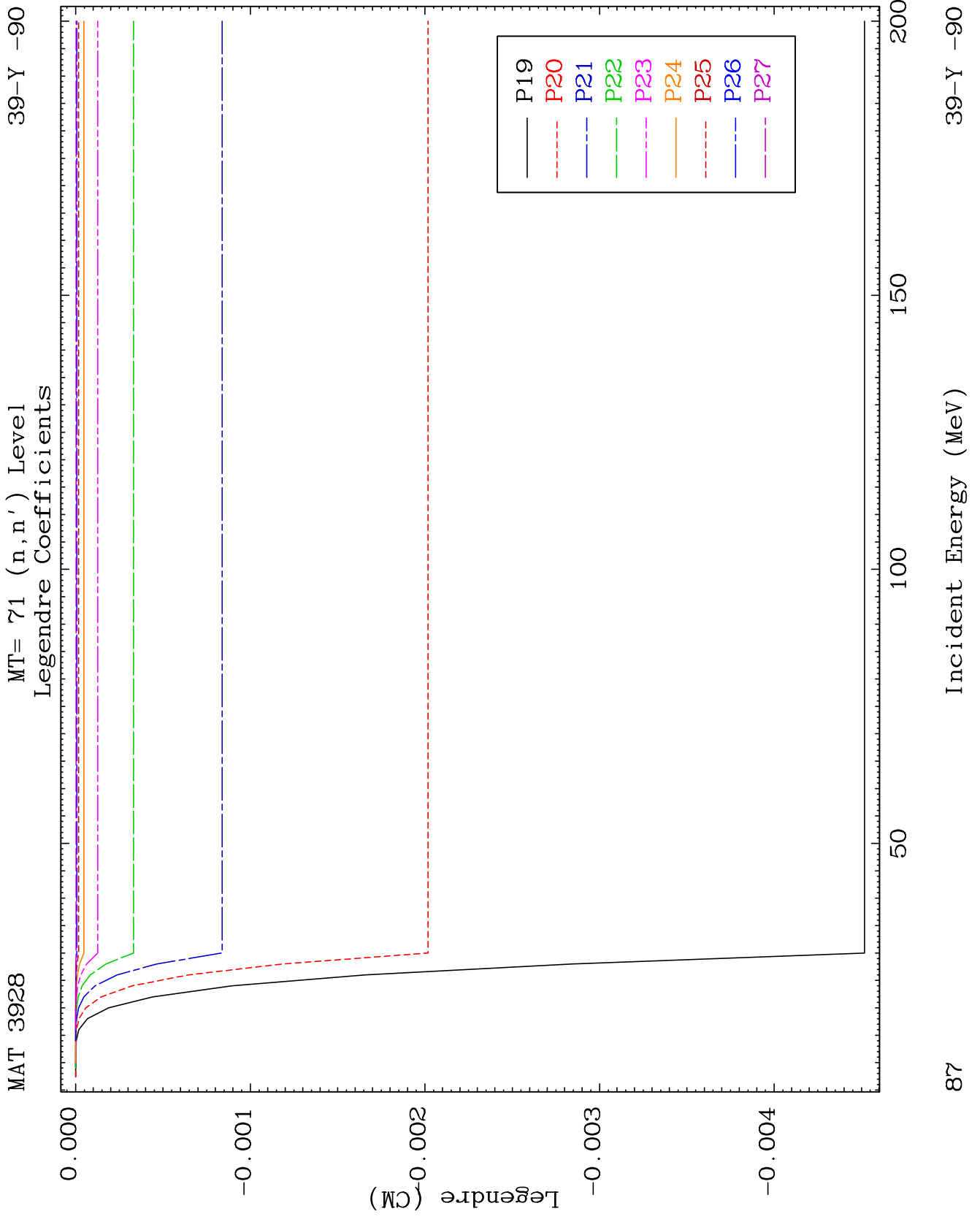
39-Y -90

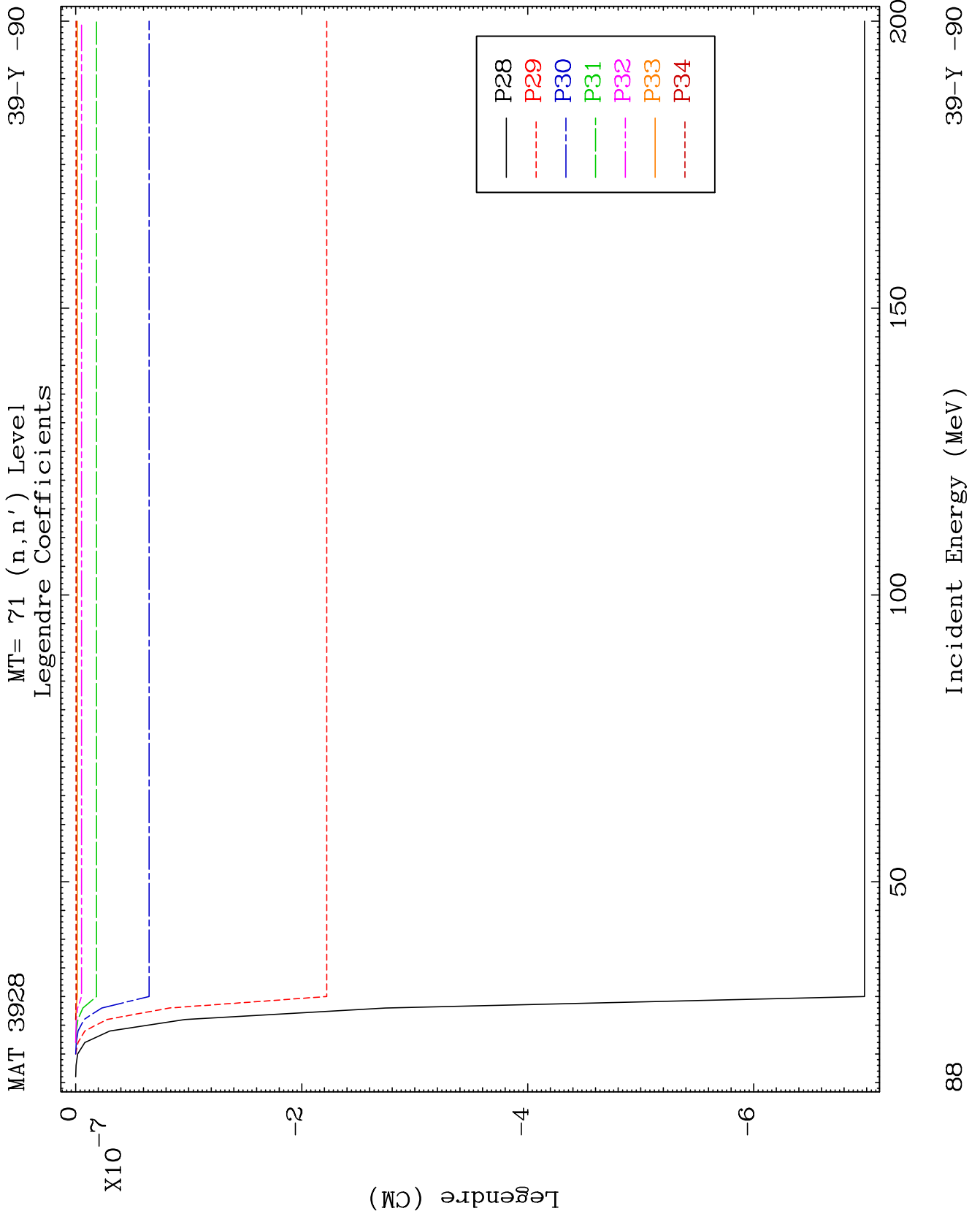


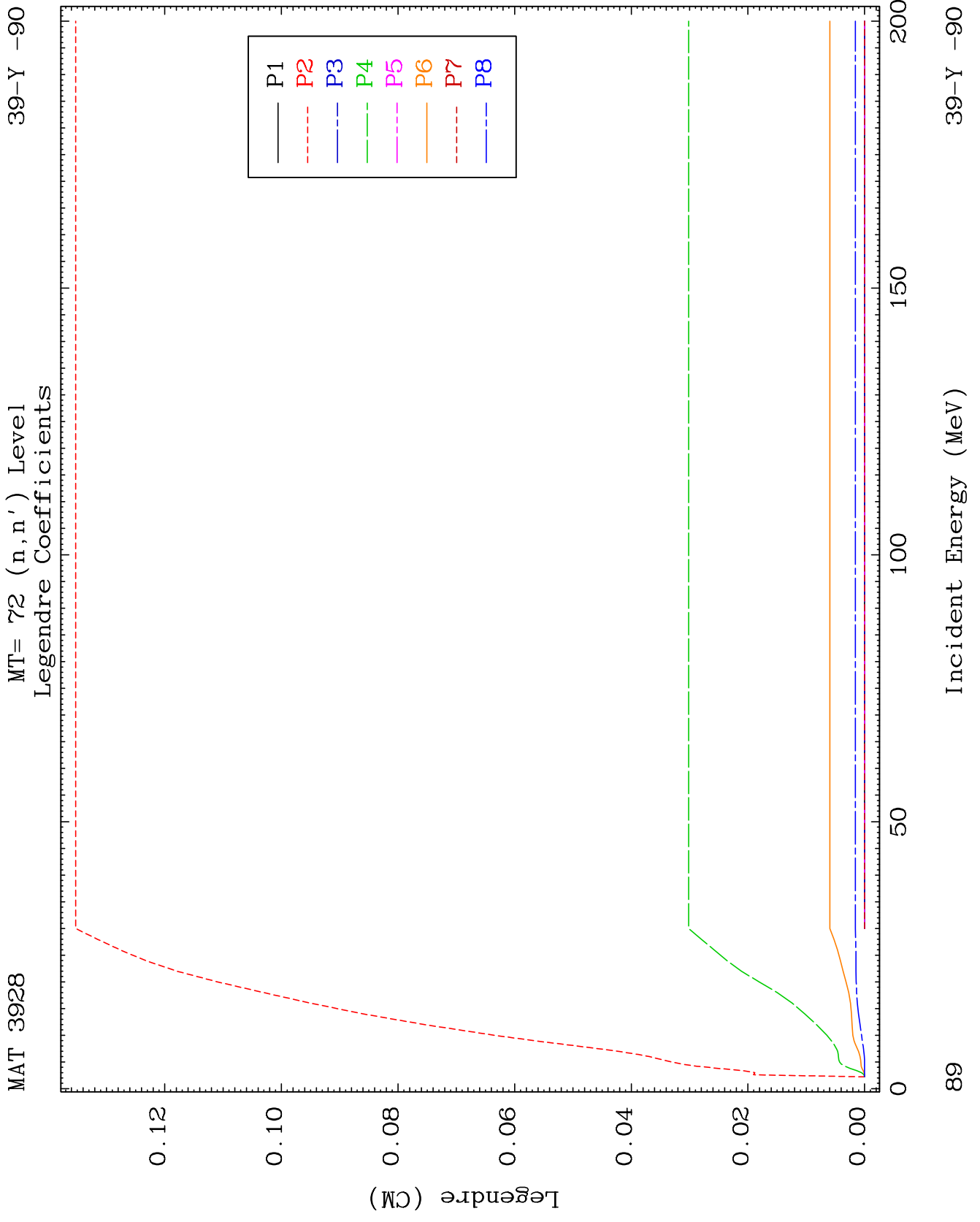
86

Incident Energy (MeV)

39-Y -90



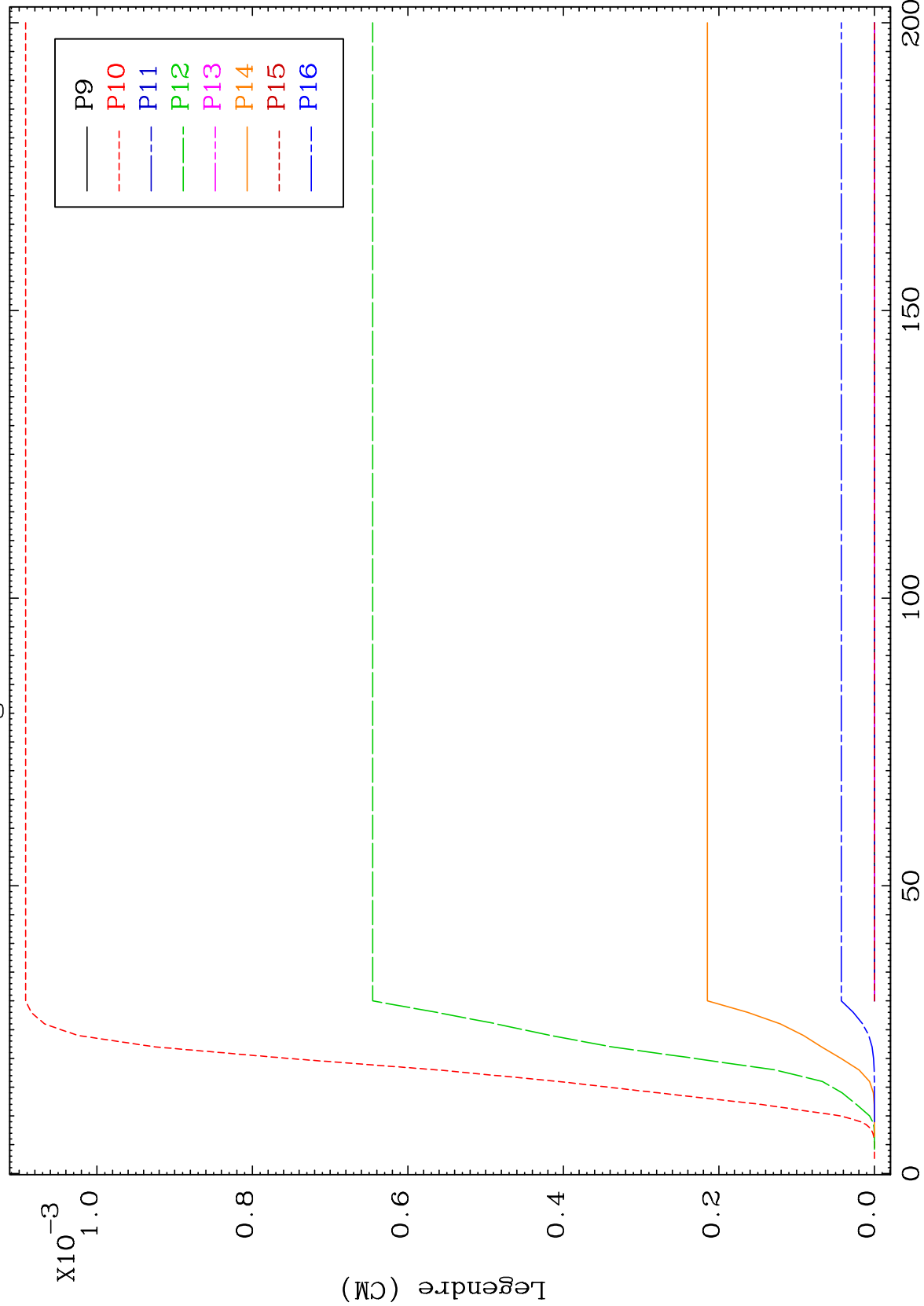




MAT 3928

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

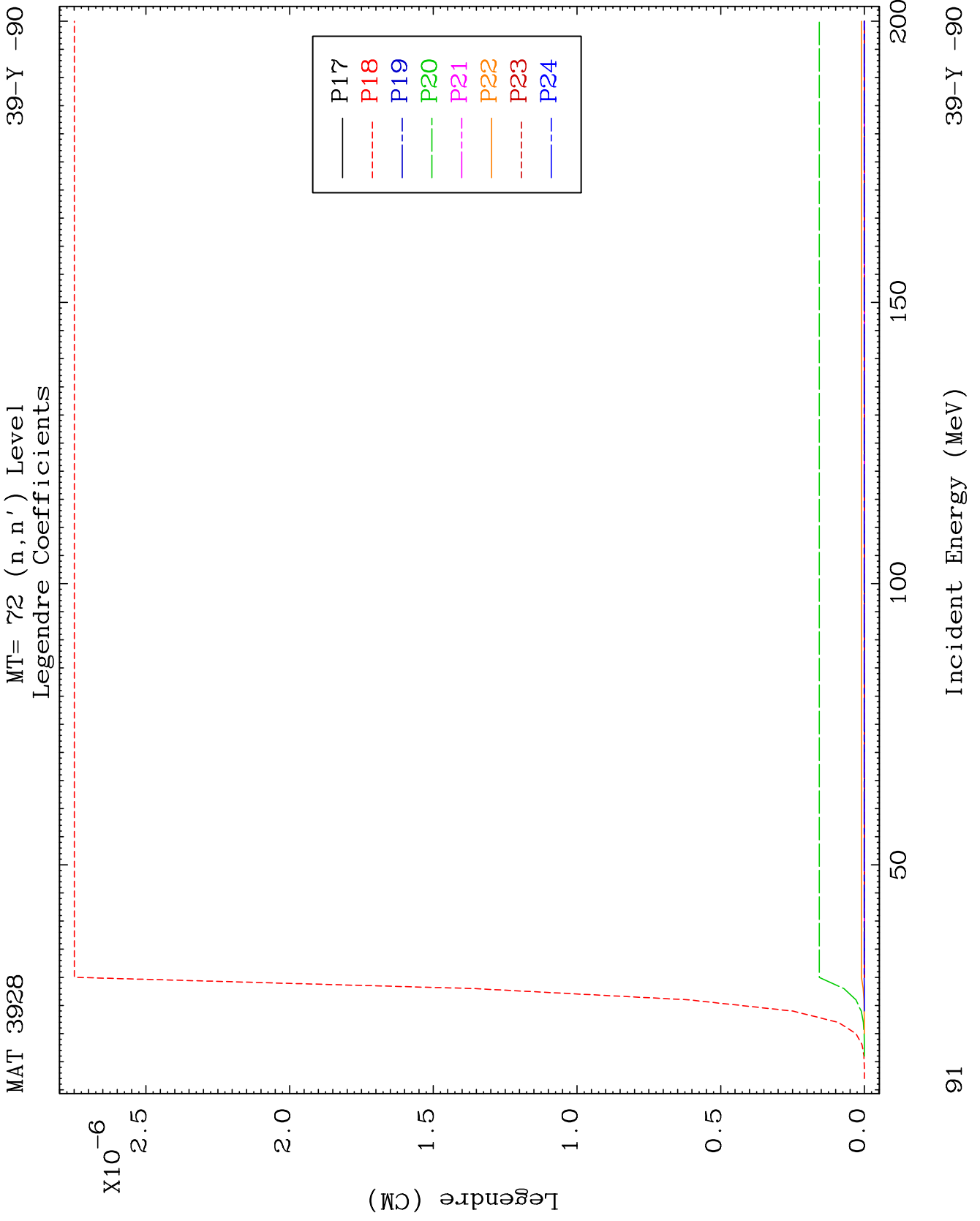
39-Y -90

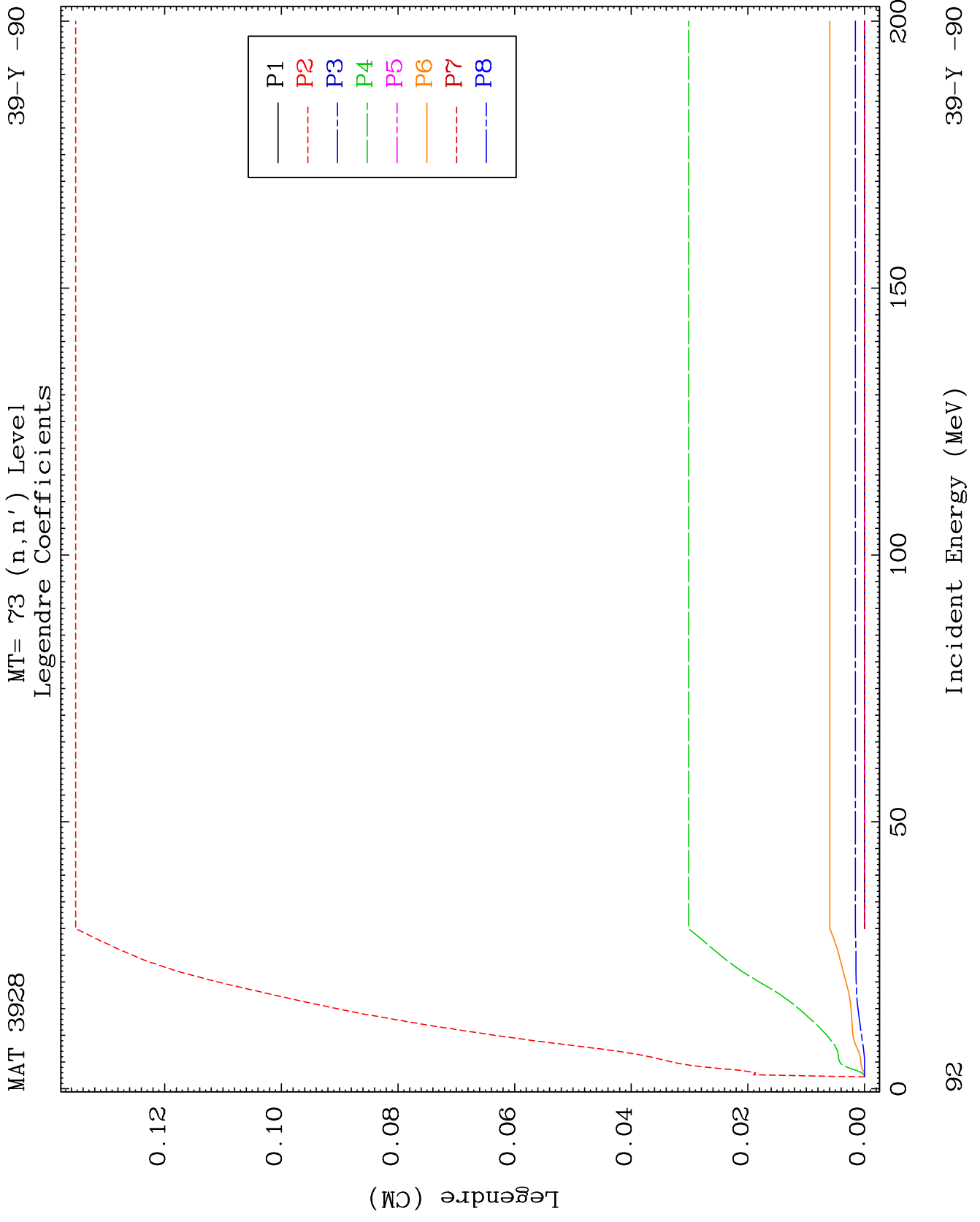


90

Incident Energy (MeV)

39-Y -90

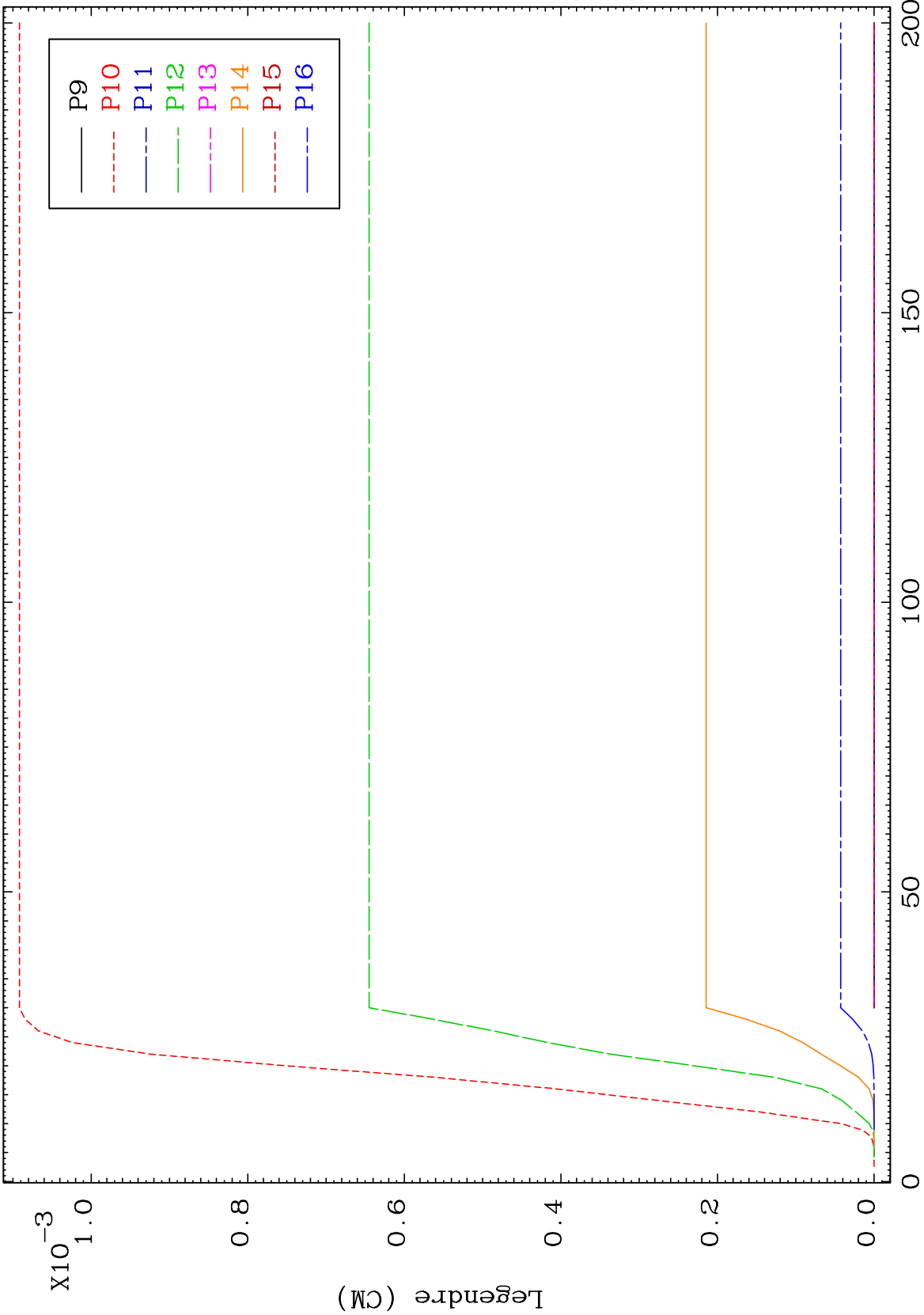




MAT 3928

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

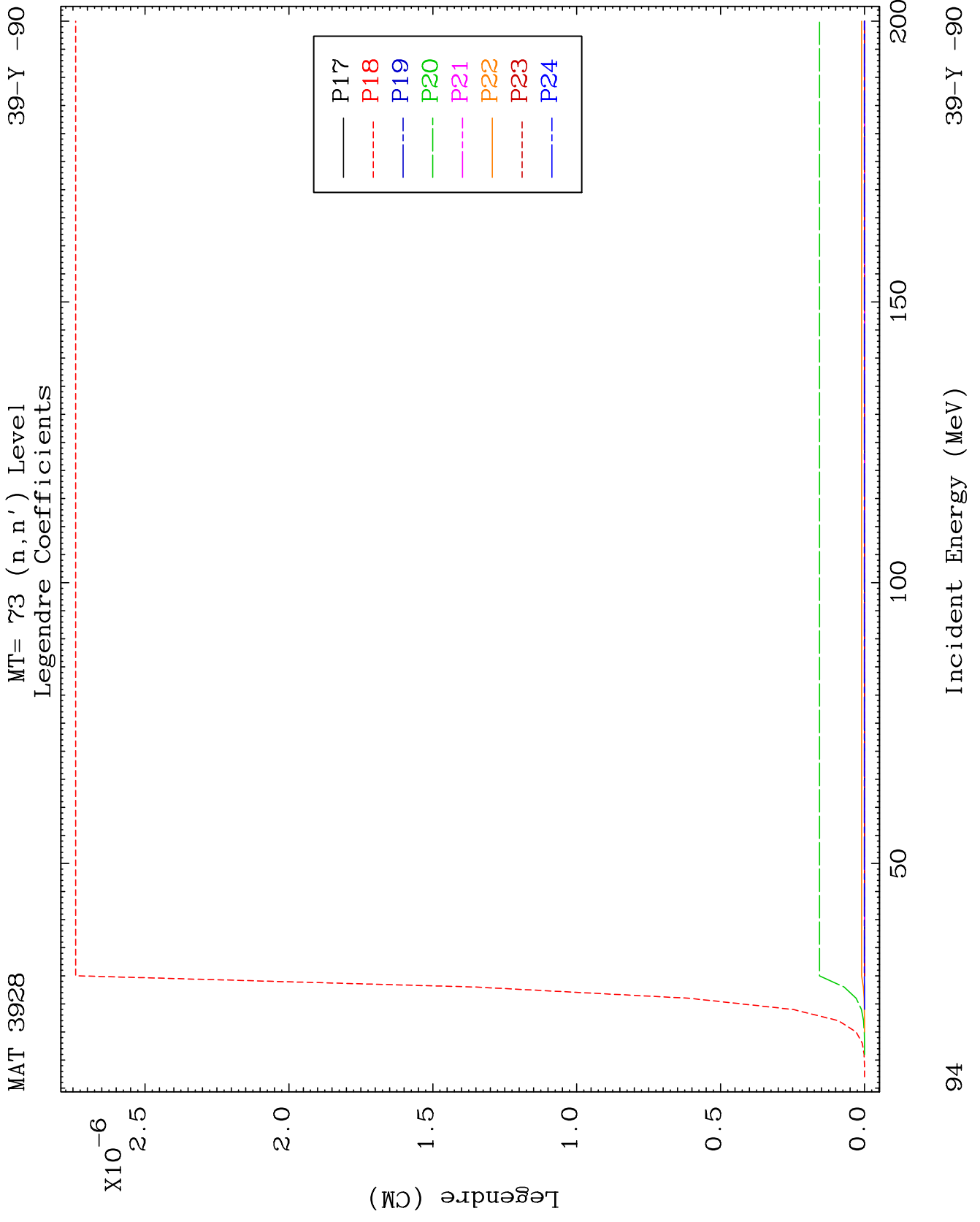
39-Y -90



93

Incident Energy (MeV)

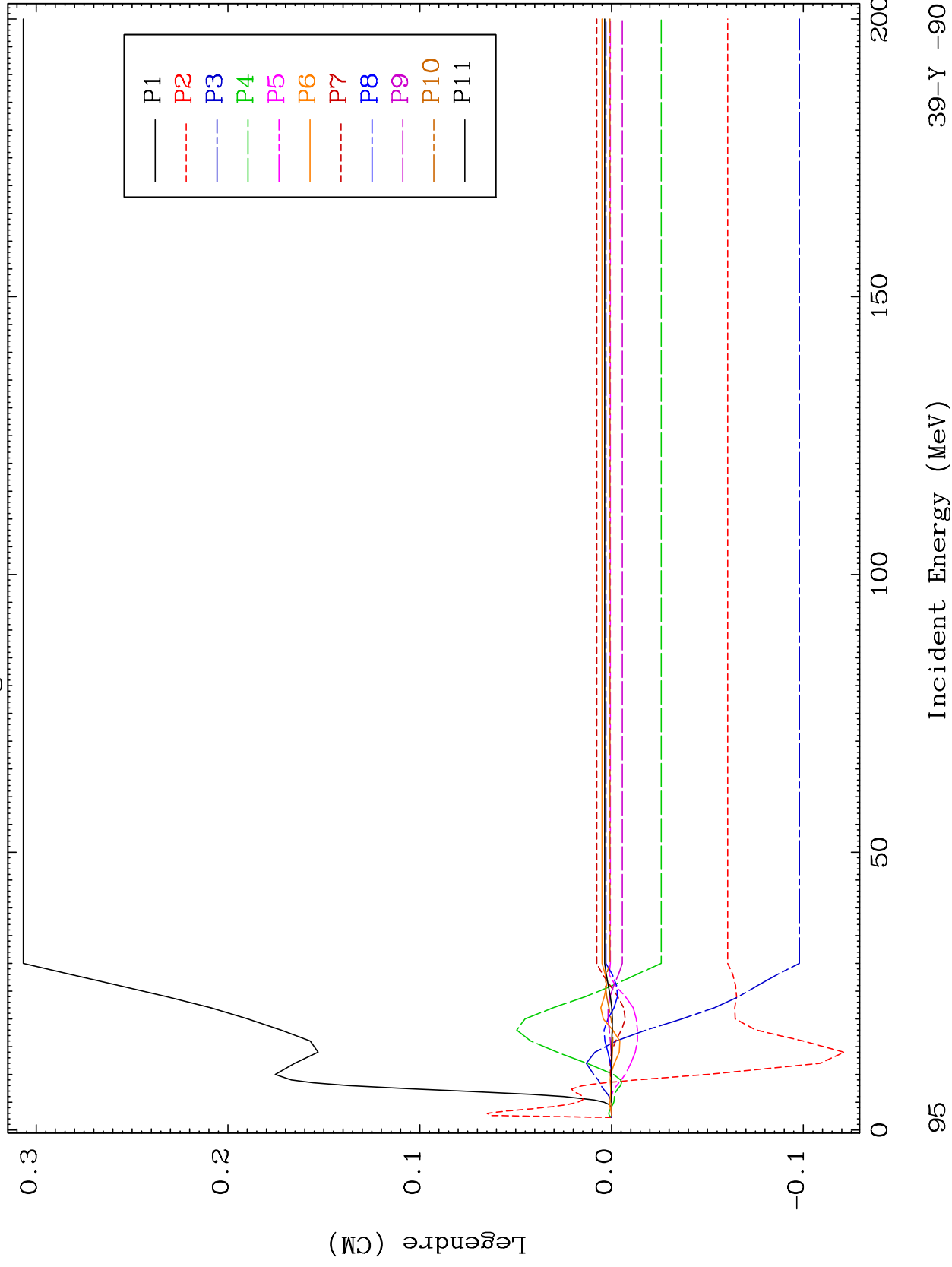
39-Y -90



MAT 3928

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

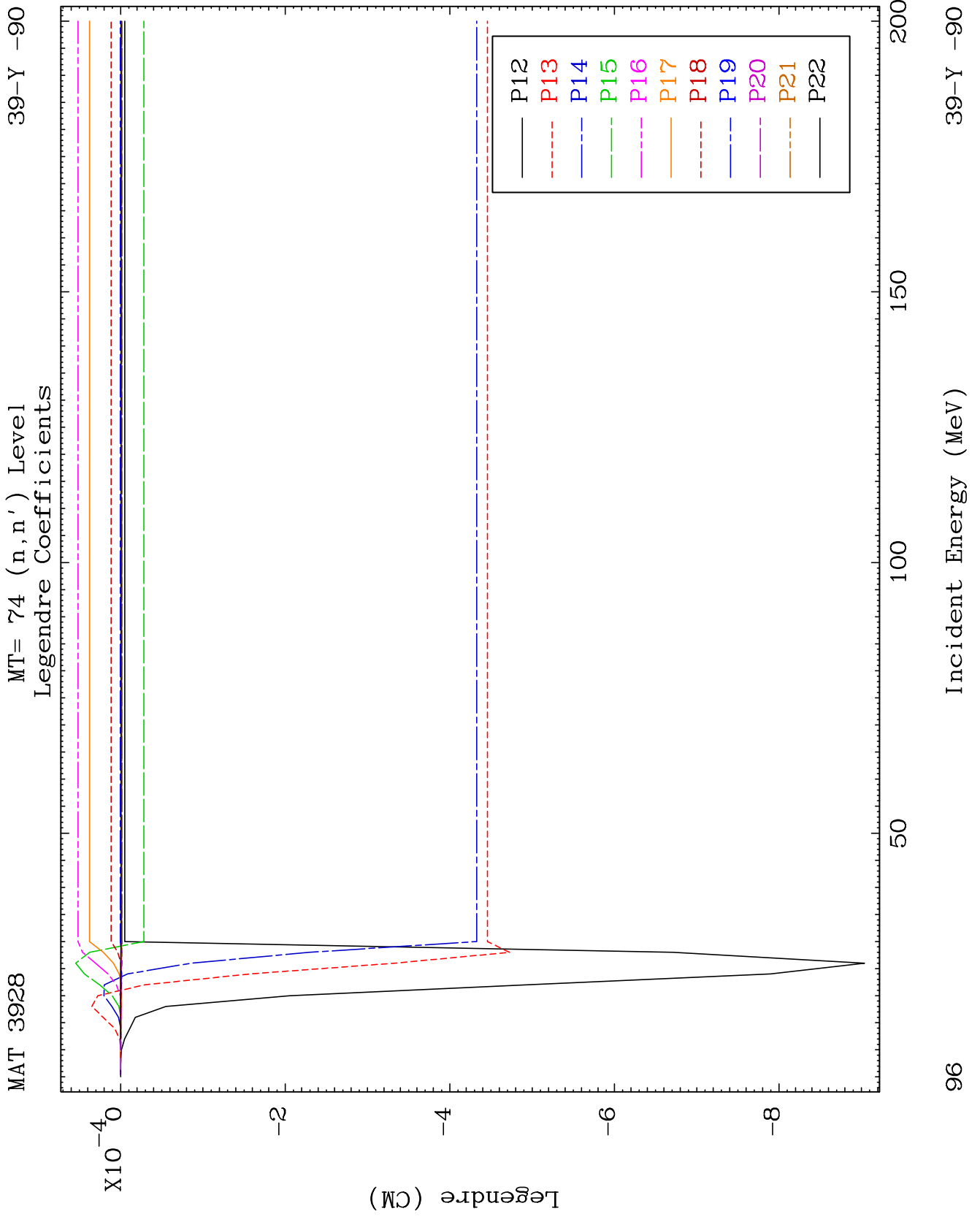
39-Y -90

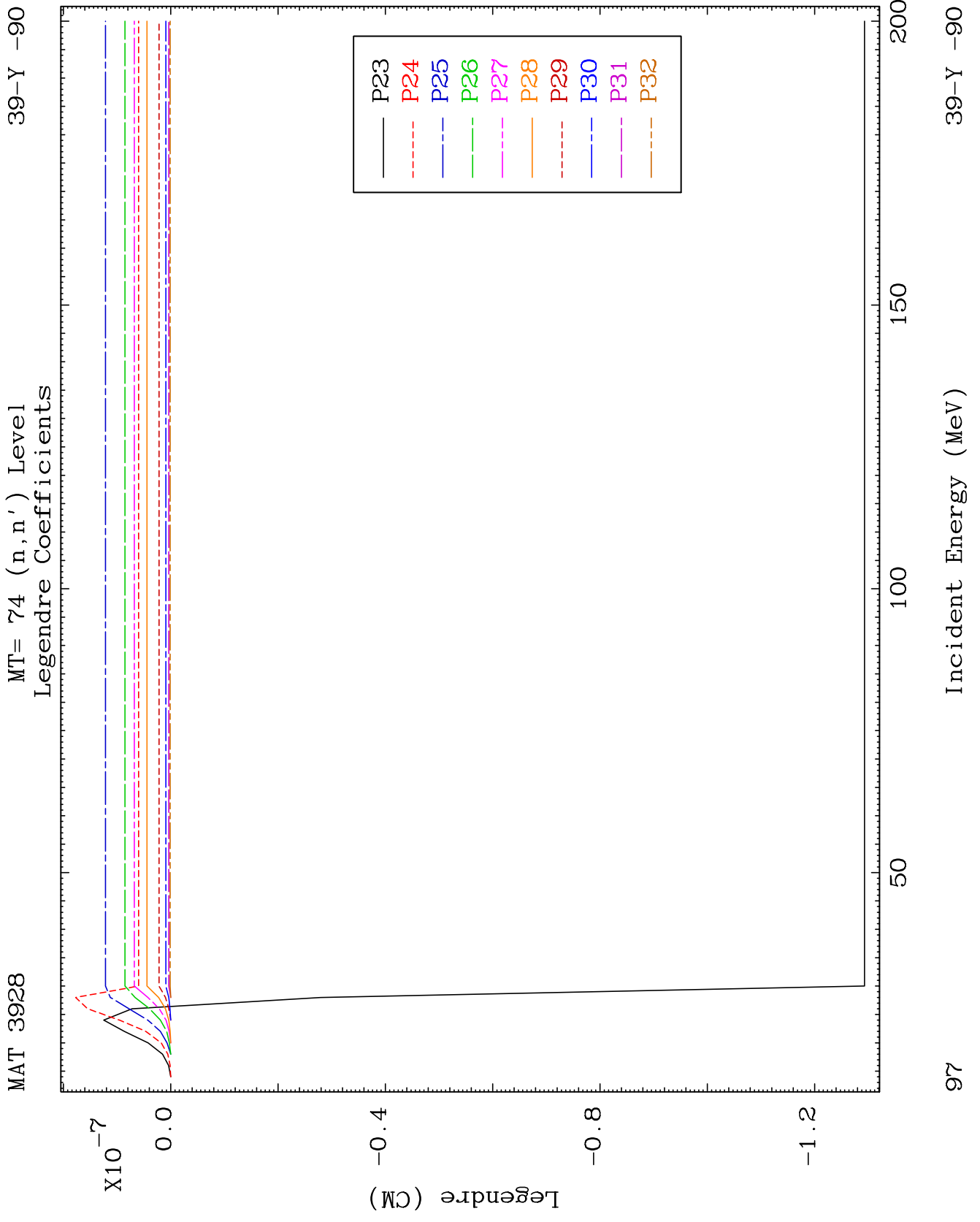


39-Y -90

Incident Energy (MeV)

95

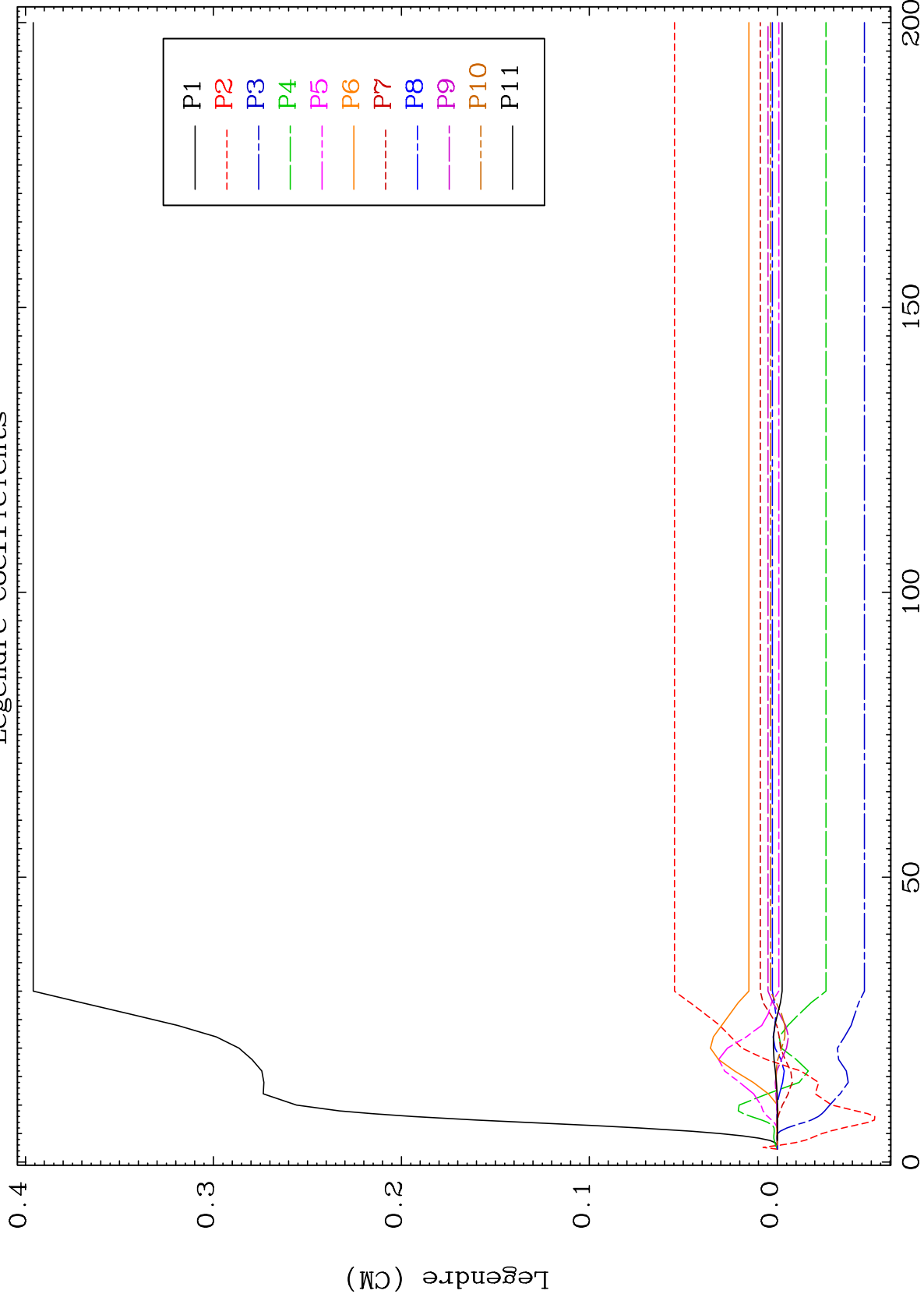




MAT 3928

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

39-Y -90



98

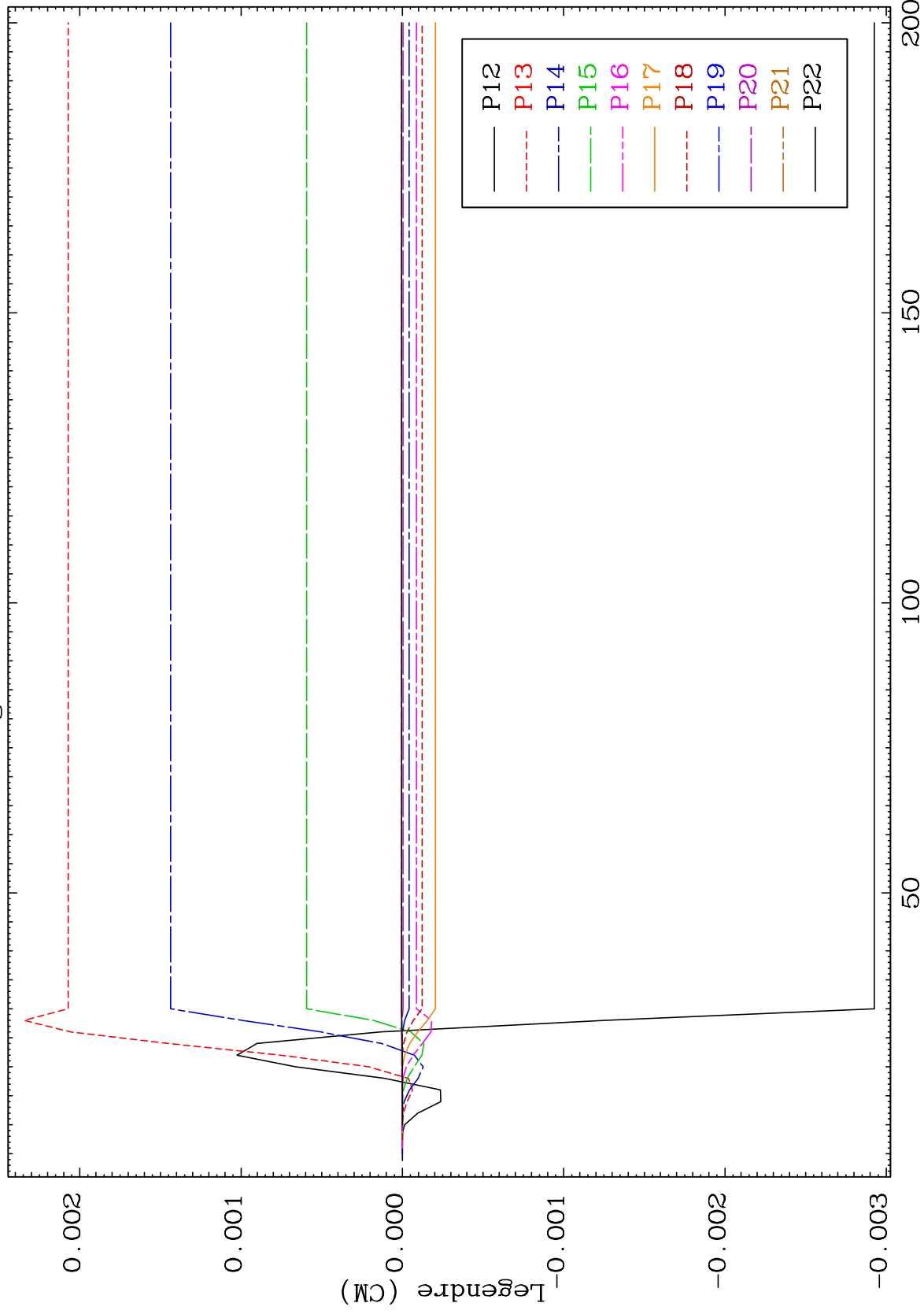
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



99

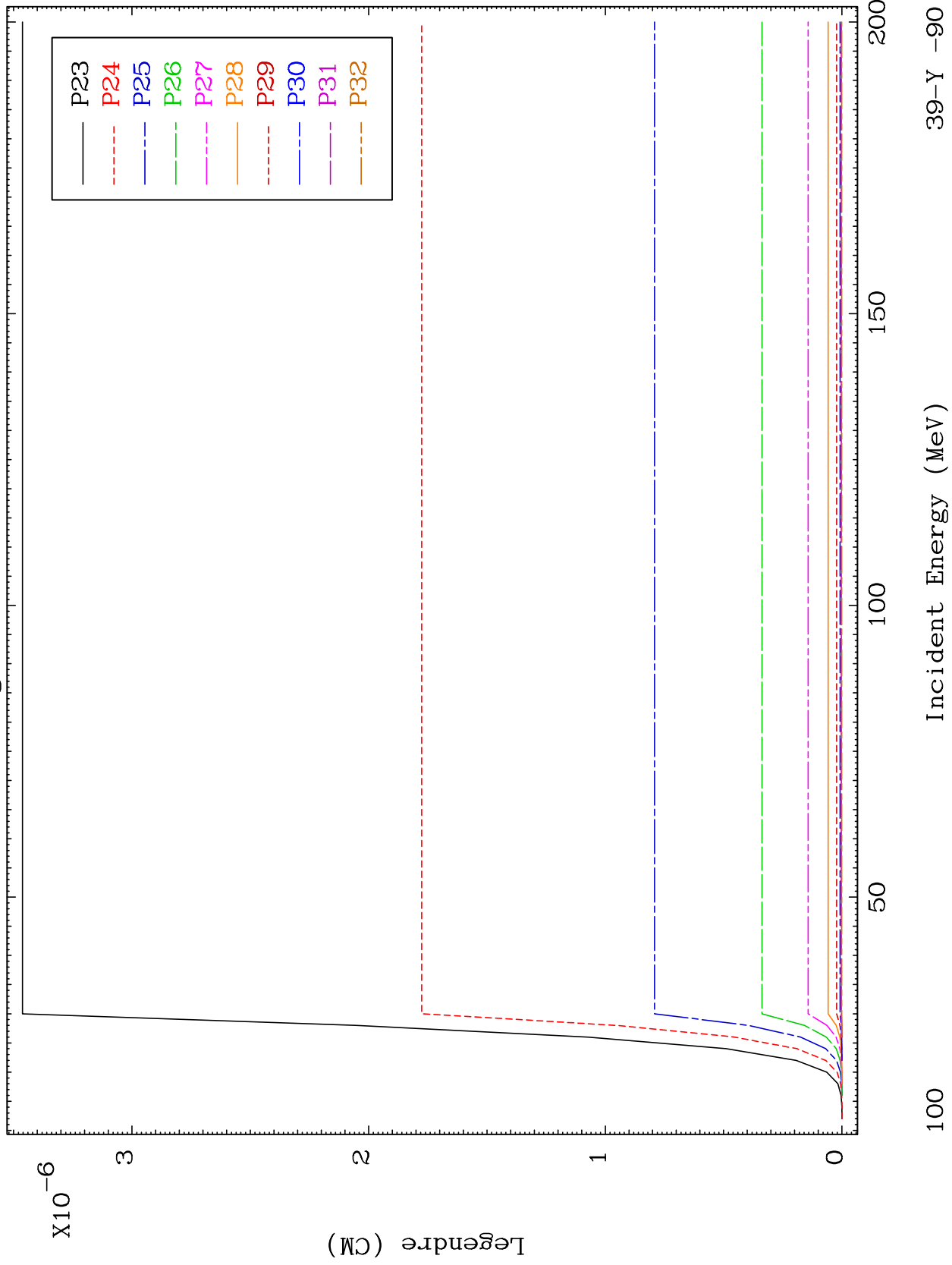
Incident Energy (MeV)

39-Y -90

MAT 3928

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

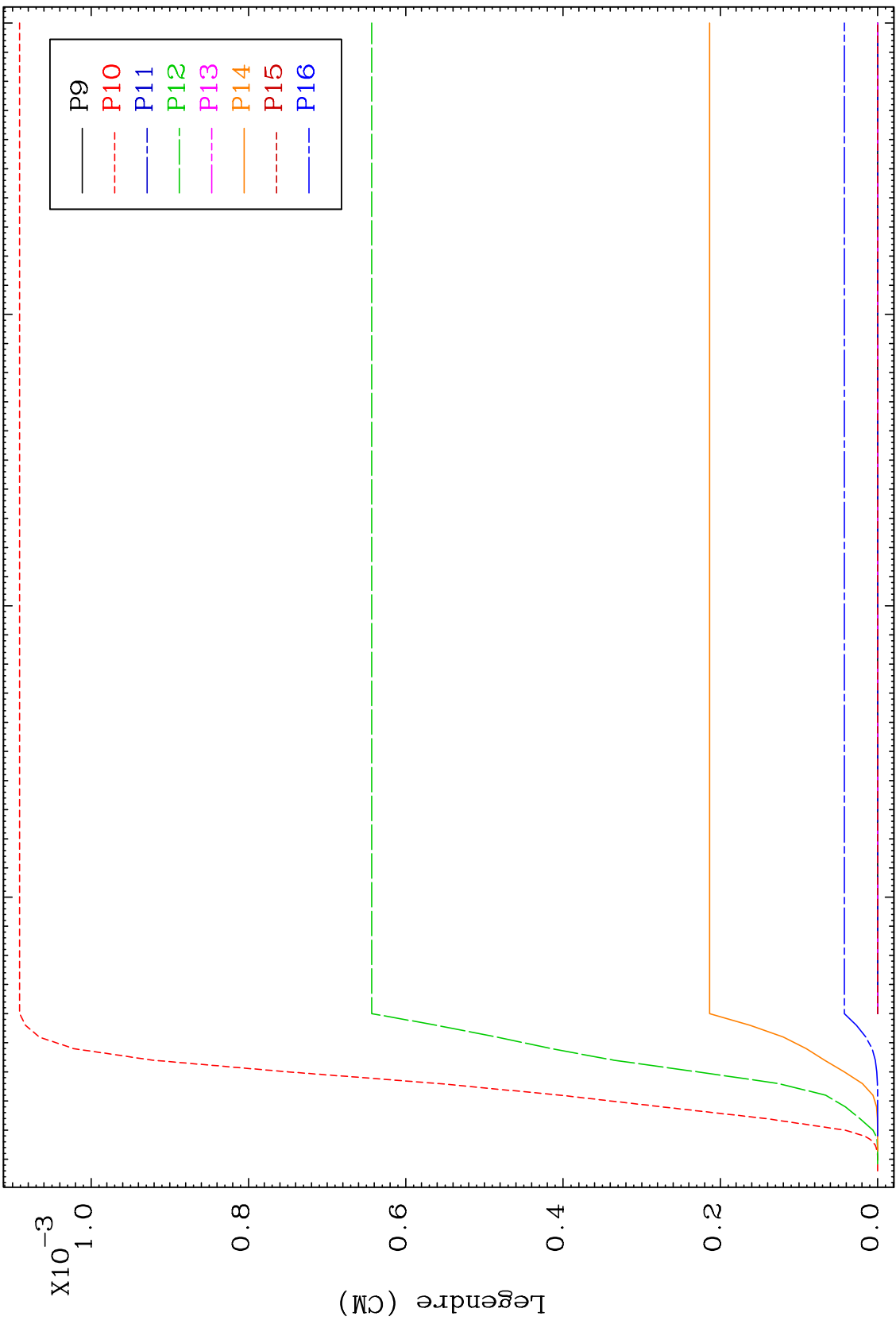
39-Y -90



MAT 3928

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

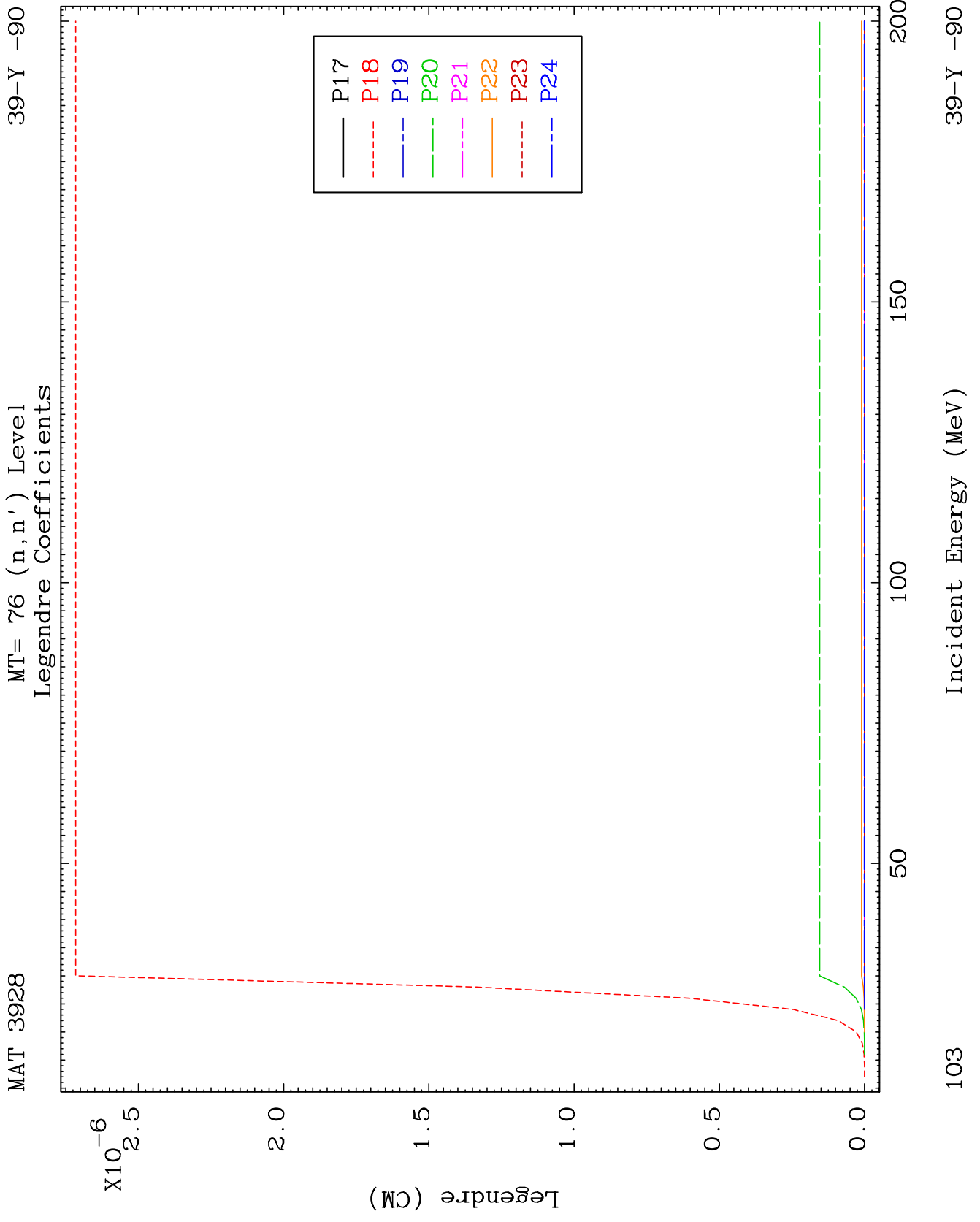
39-Y -90

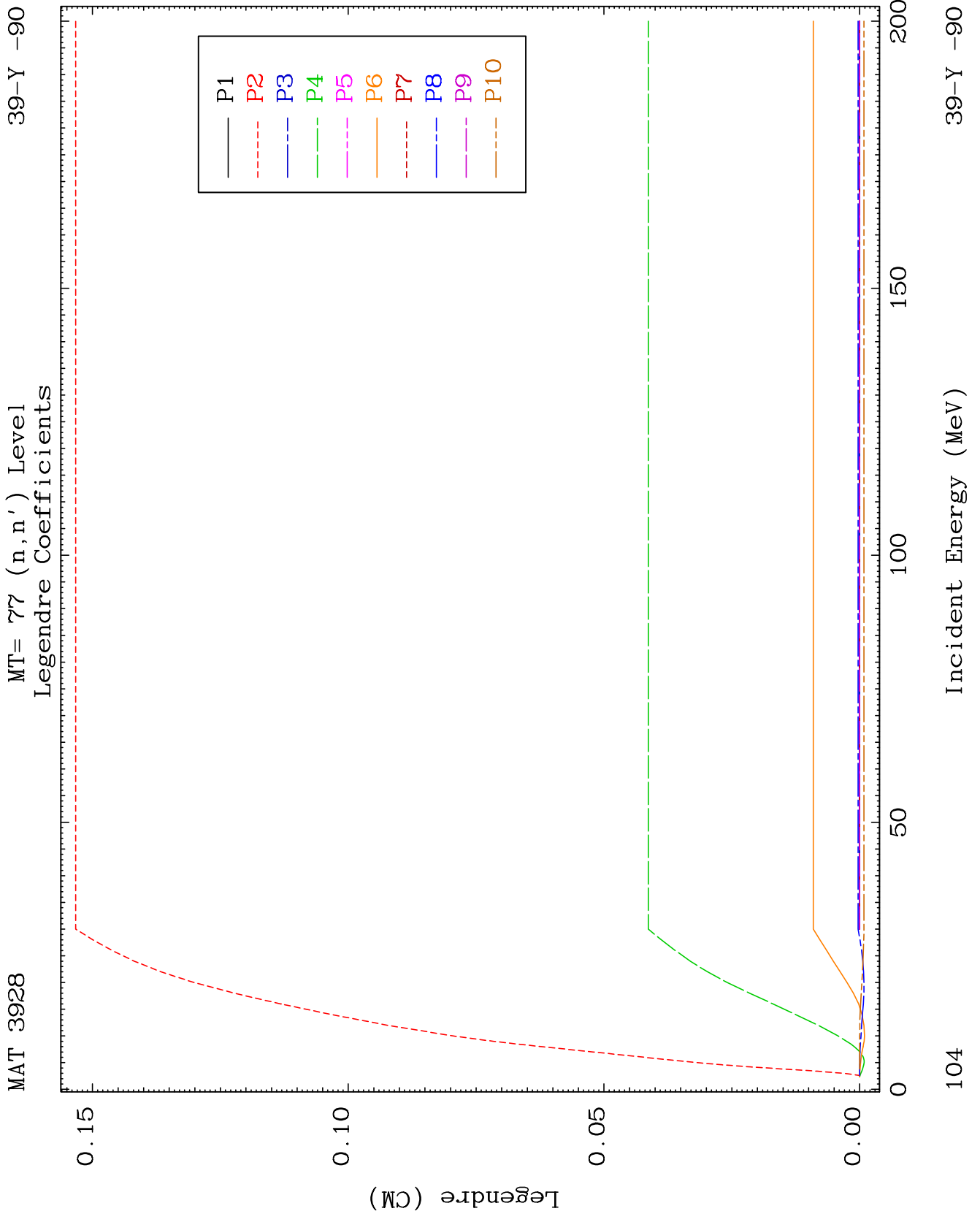


102

Incident Energy (MeV)

39-Y -90

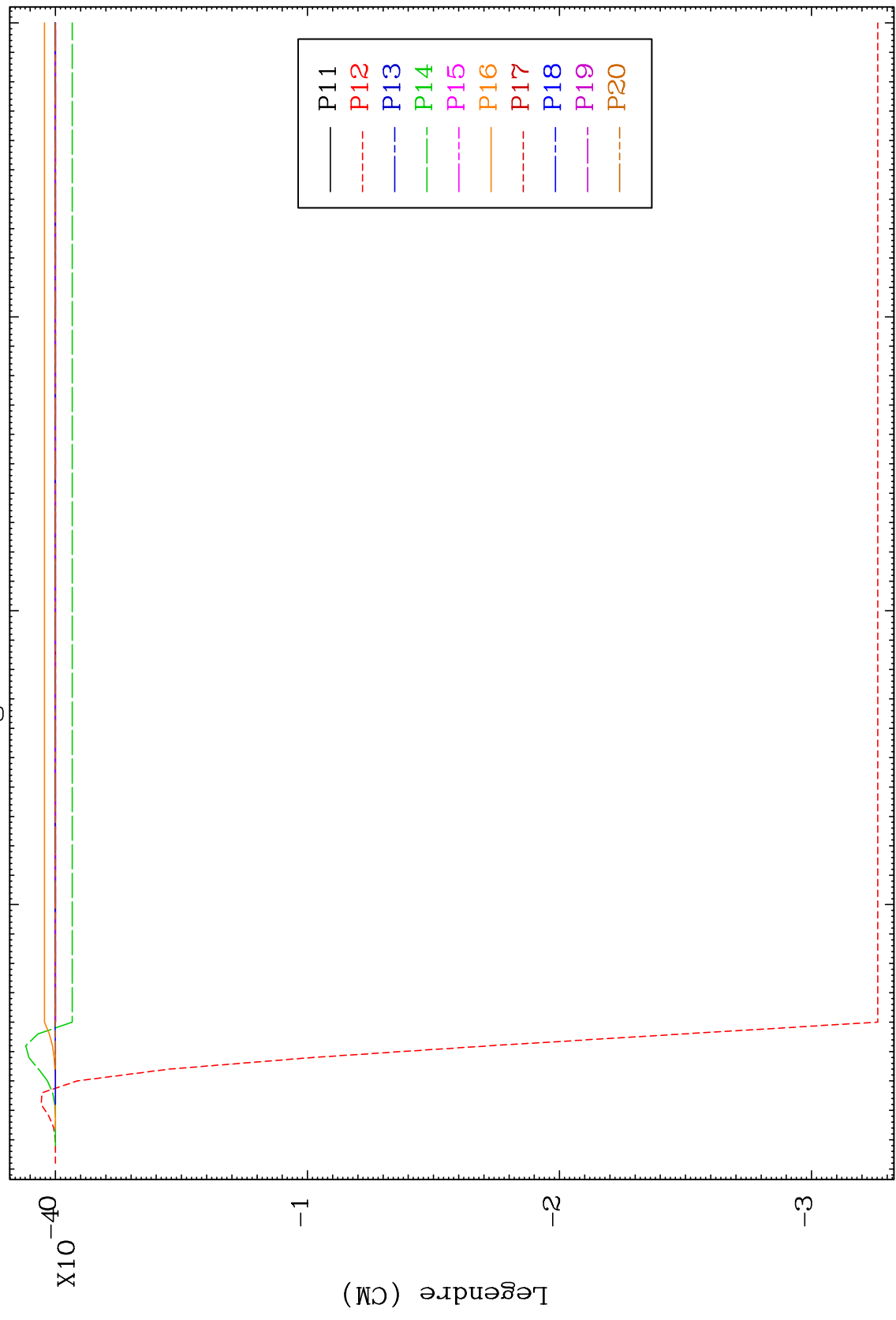




MAT 3928

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

39-Y -90



105

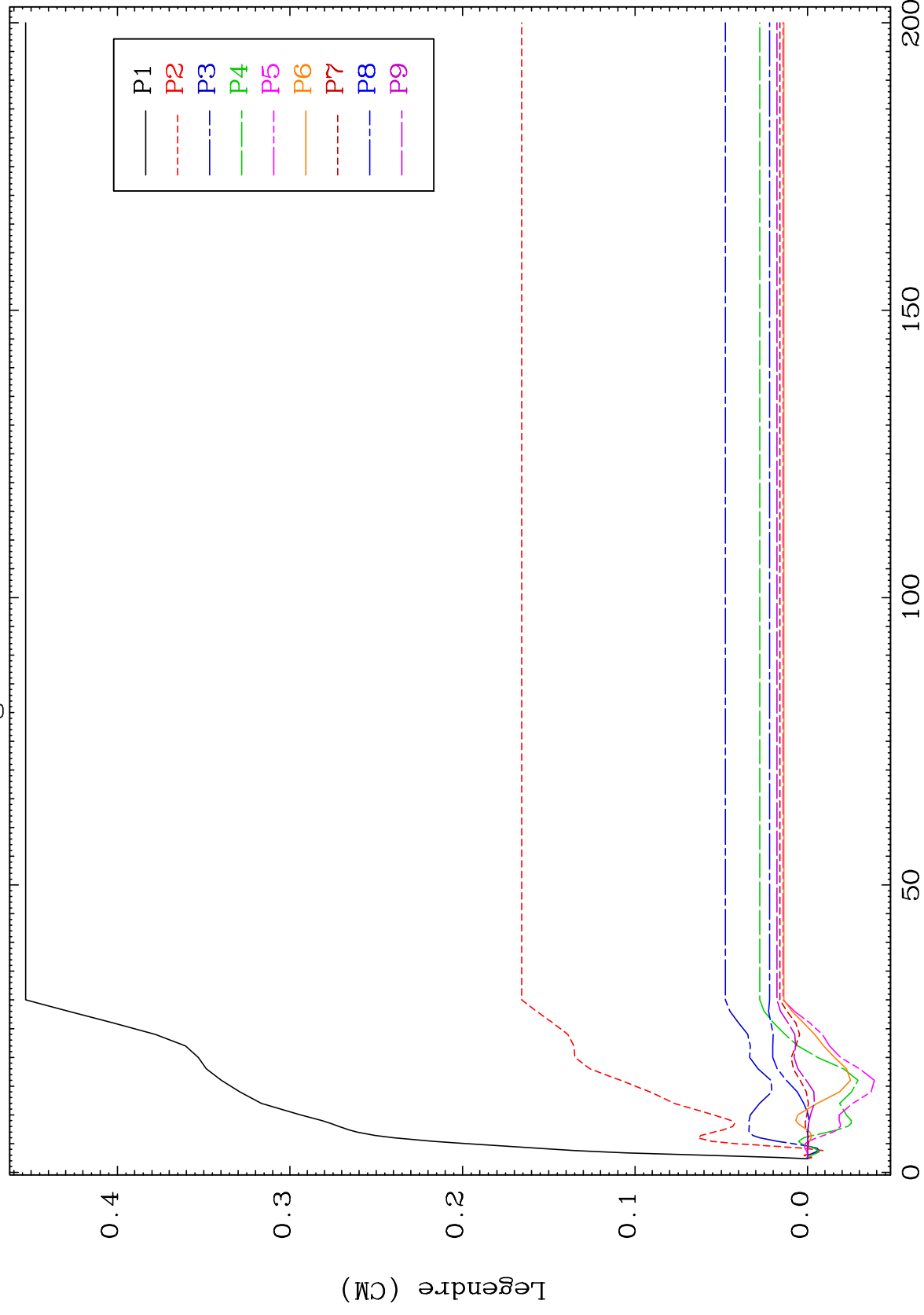
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



106

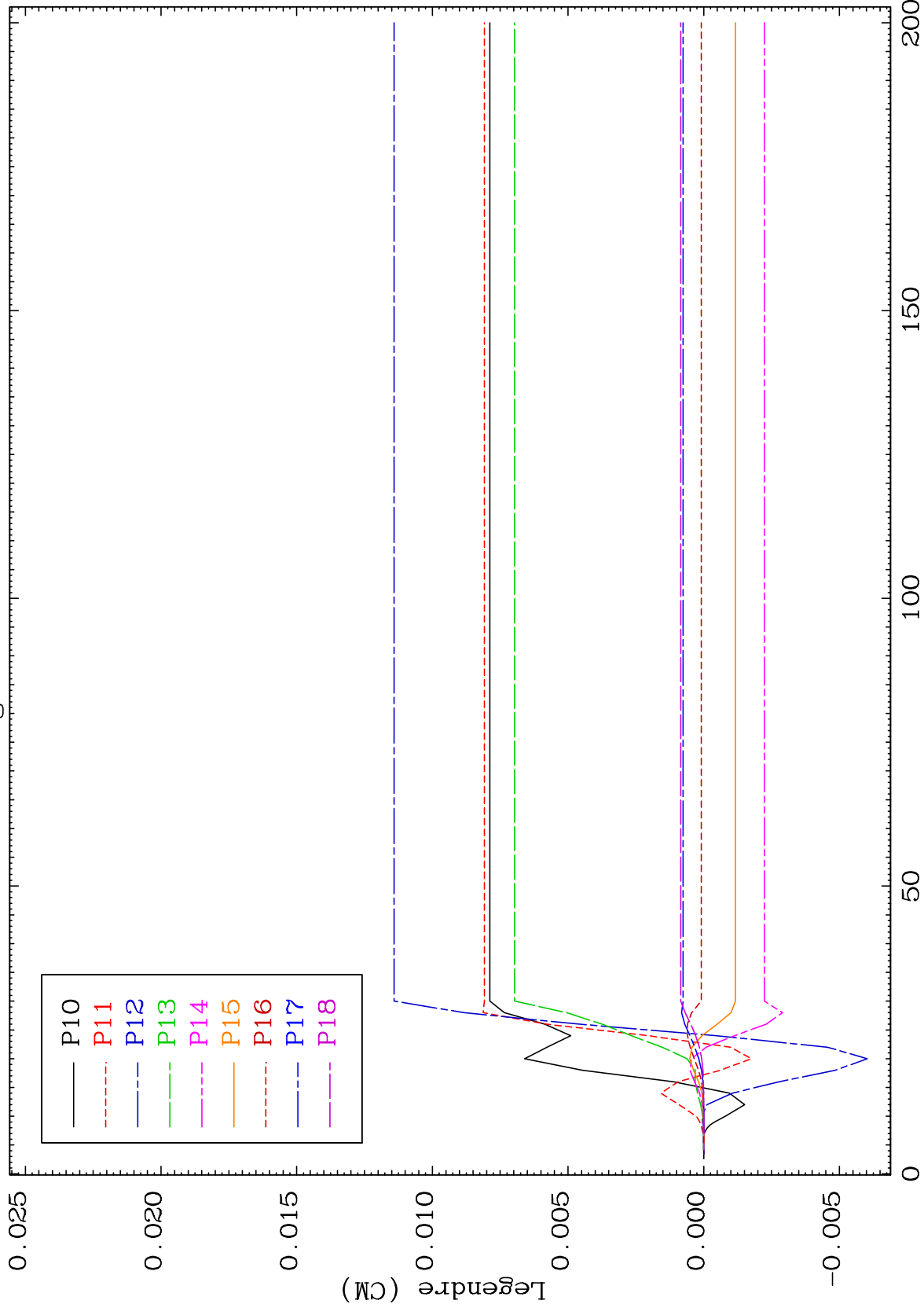
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



107

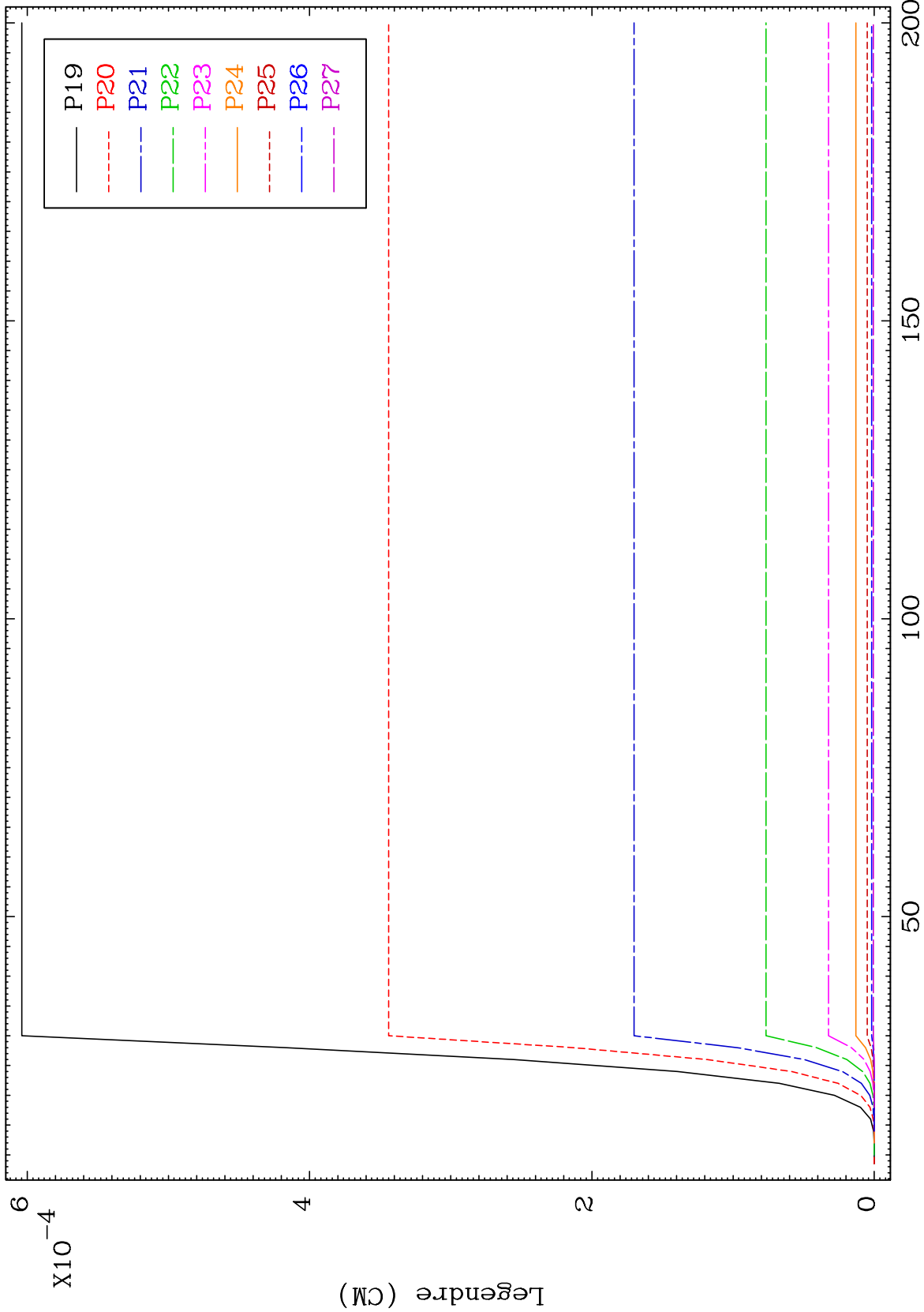
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



108

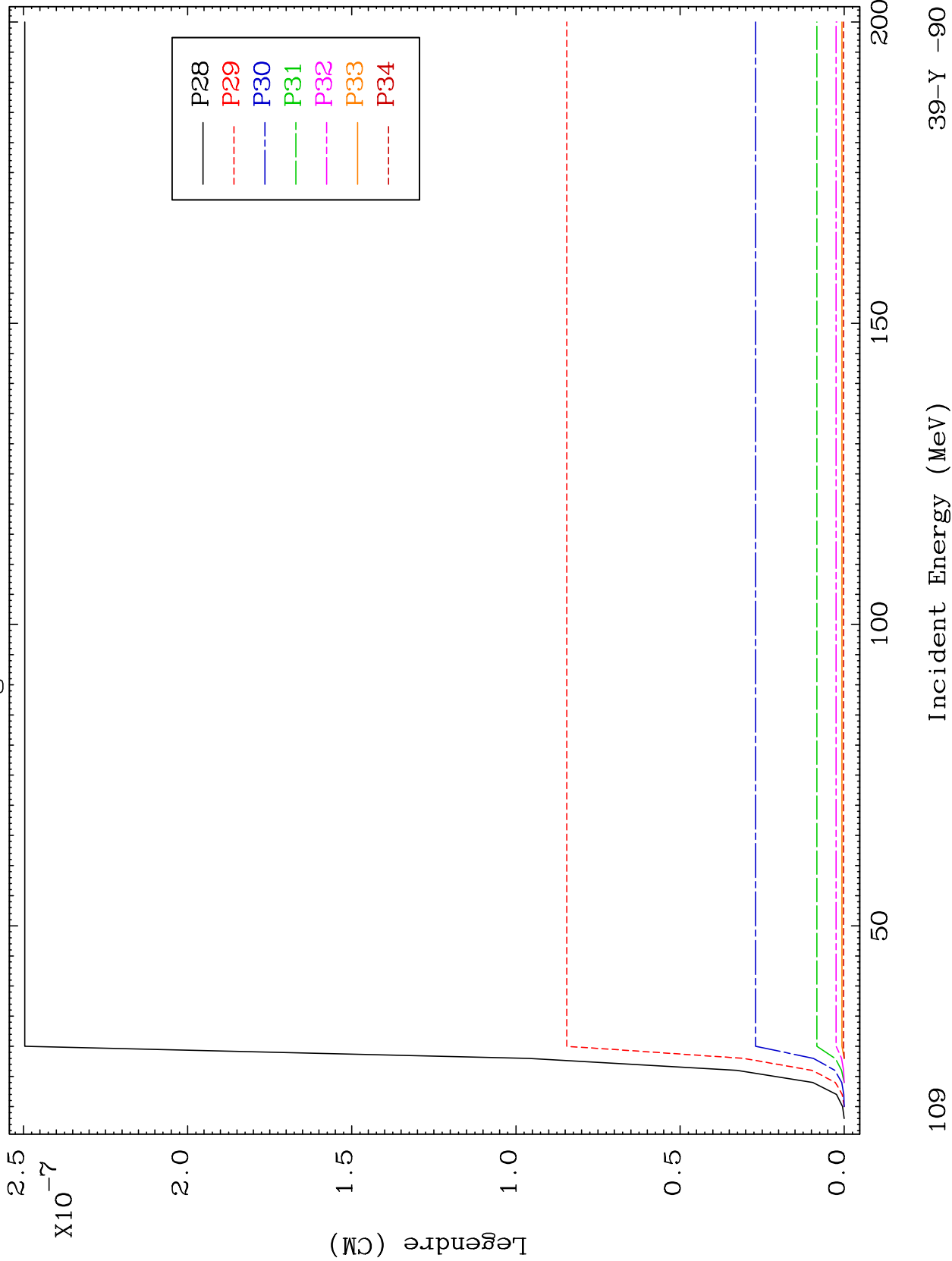
Incident Energy (MeV)

39-Y -90

MAT 3928

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

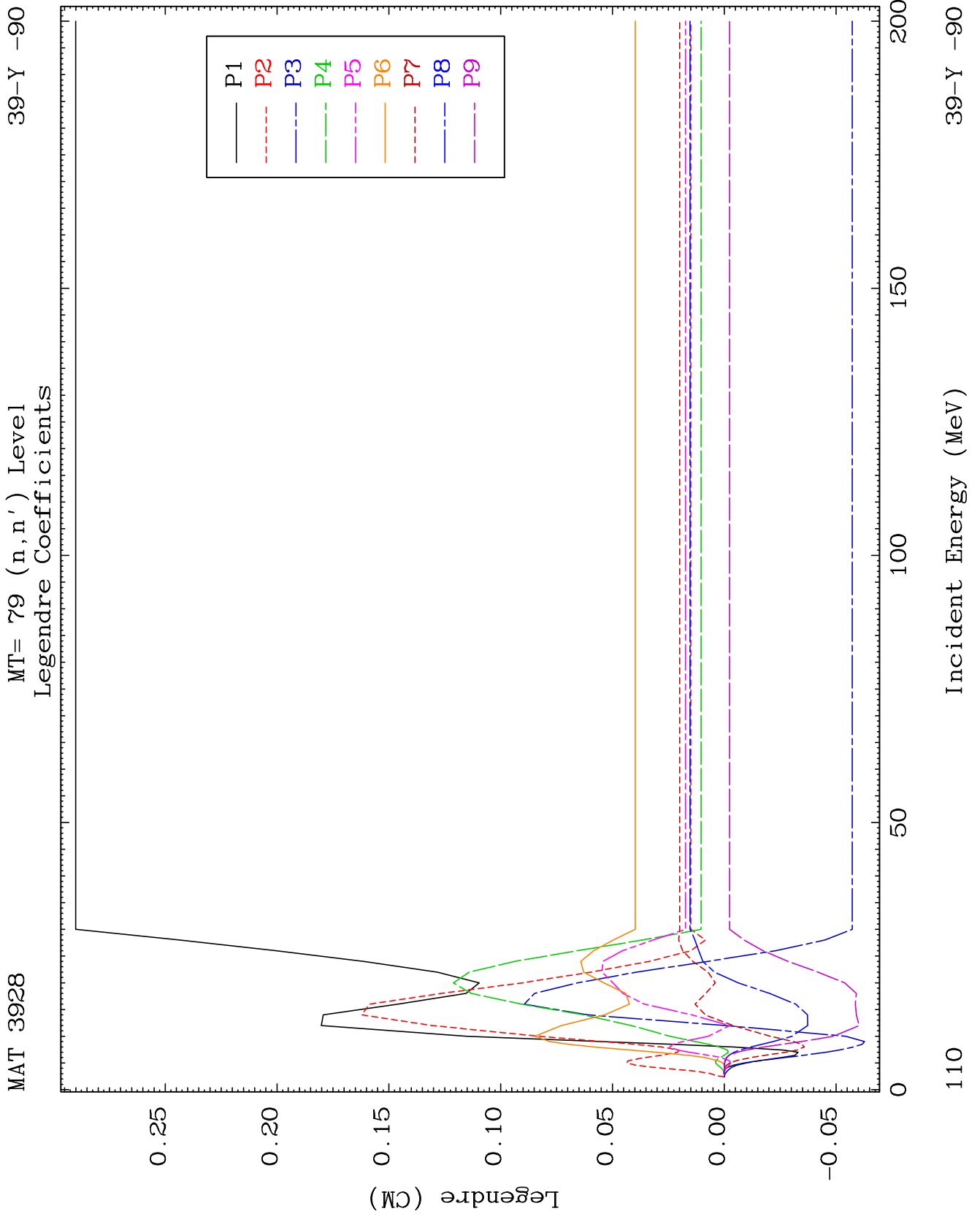
39-Y -90



109

Incident Energy (MeV)

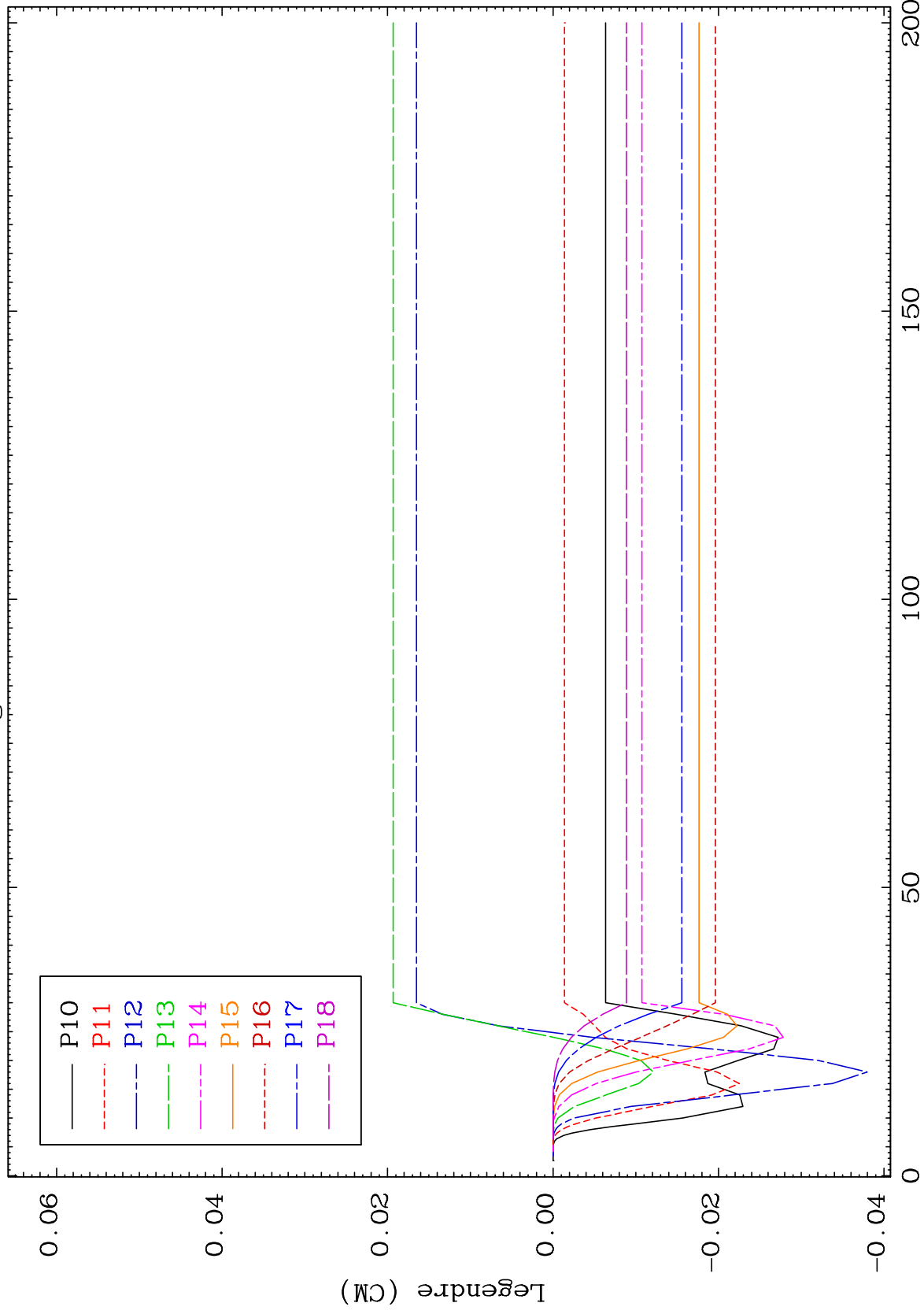
39-Y -90



MAT 3928

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

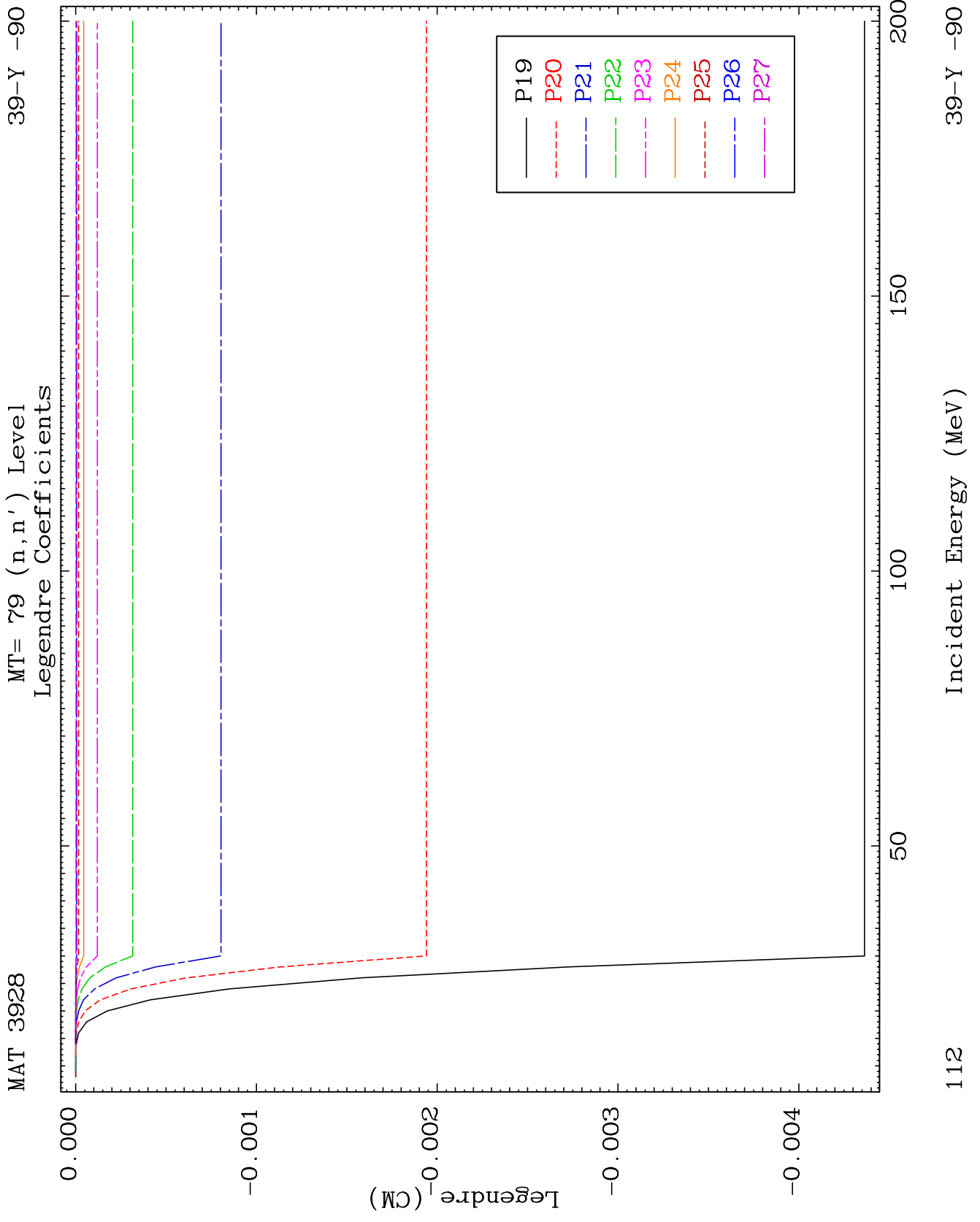
39-Y -90

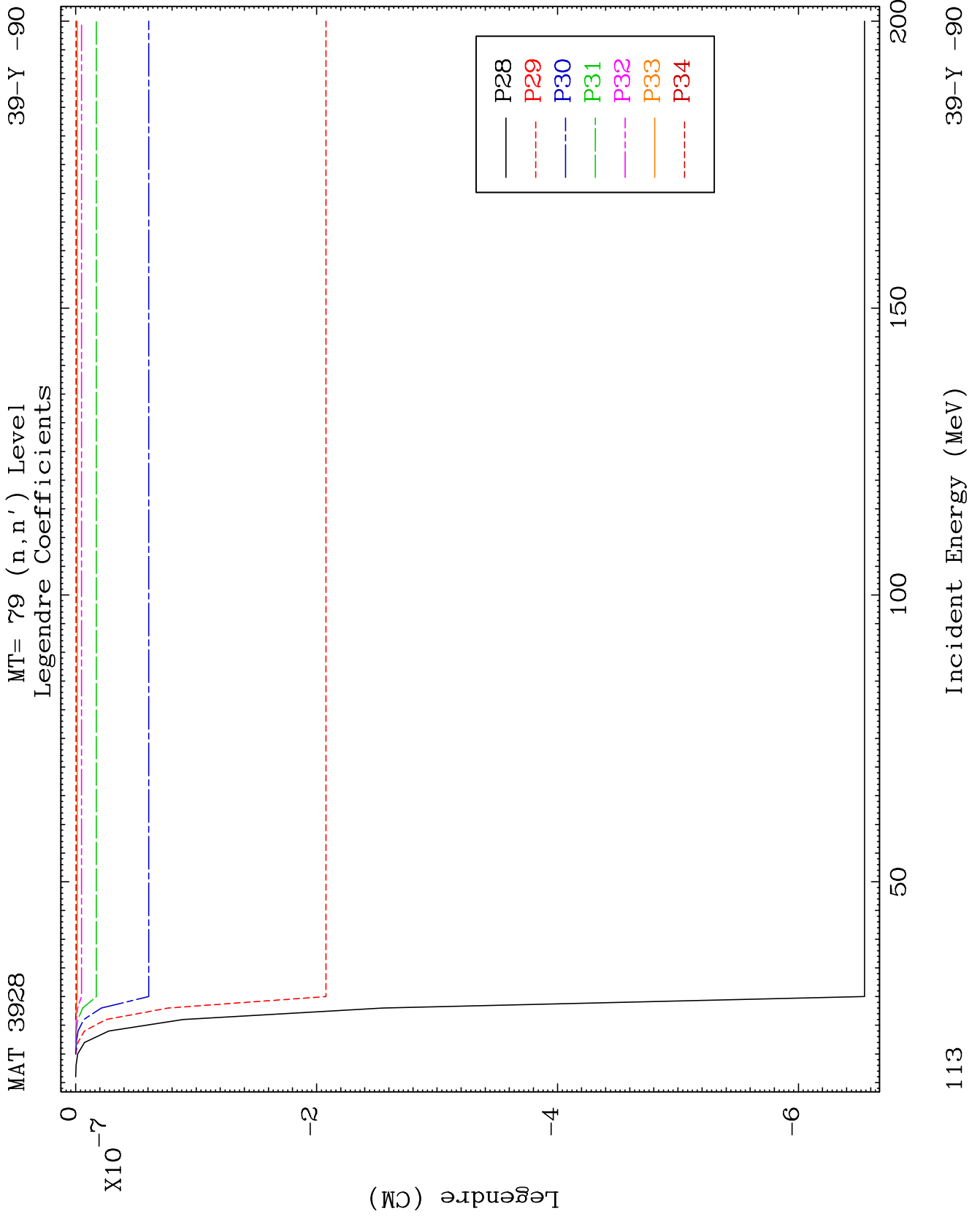


111

Incident Energy (MeV)

39-Y -90

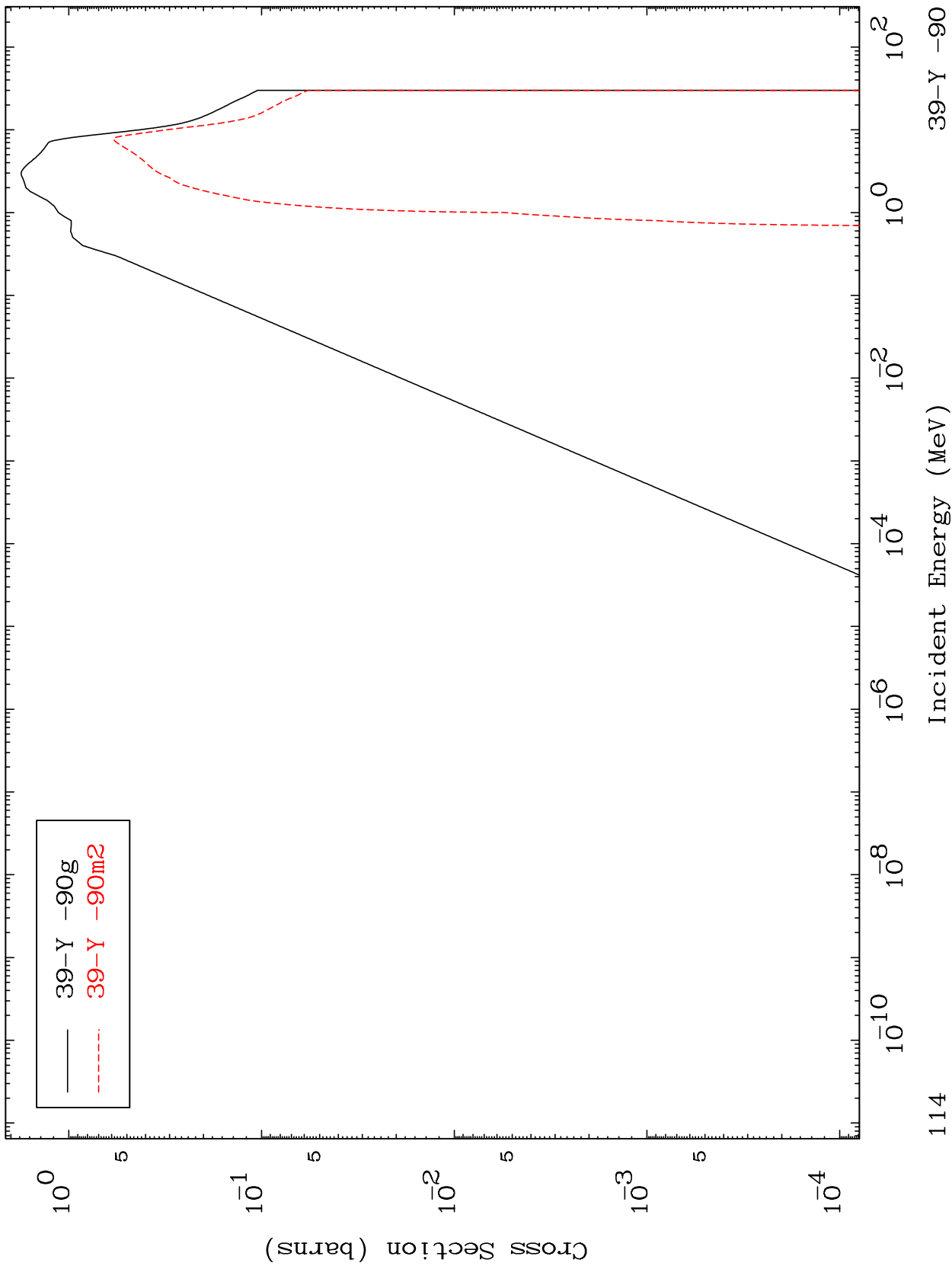




MAT 3928

39-Y -90

Inelastic
Radionuclide Production Cross Section



114

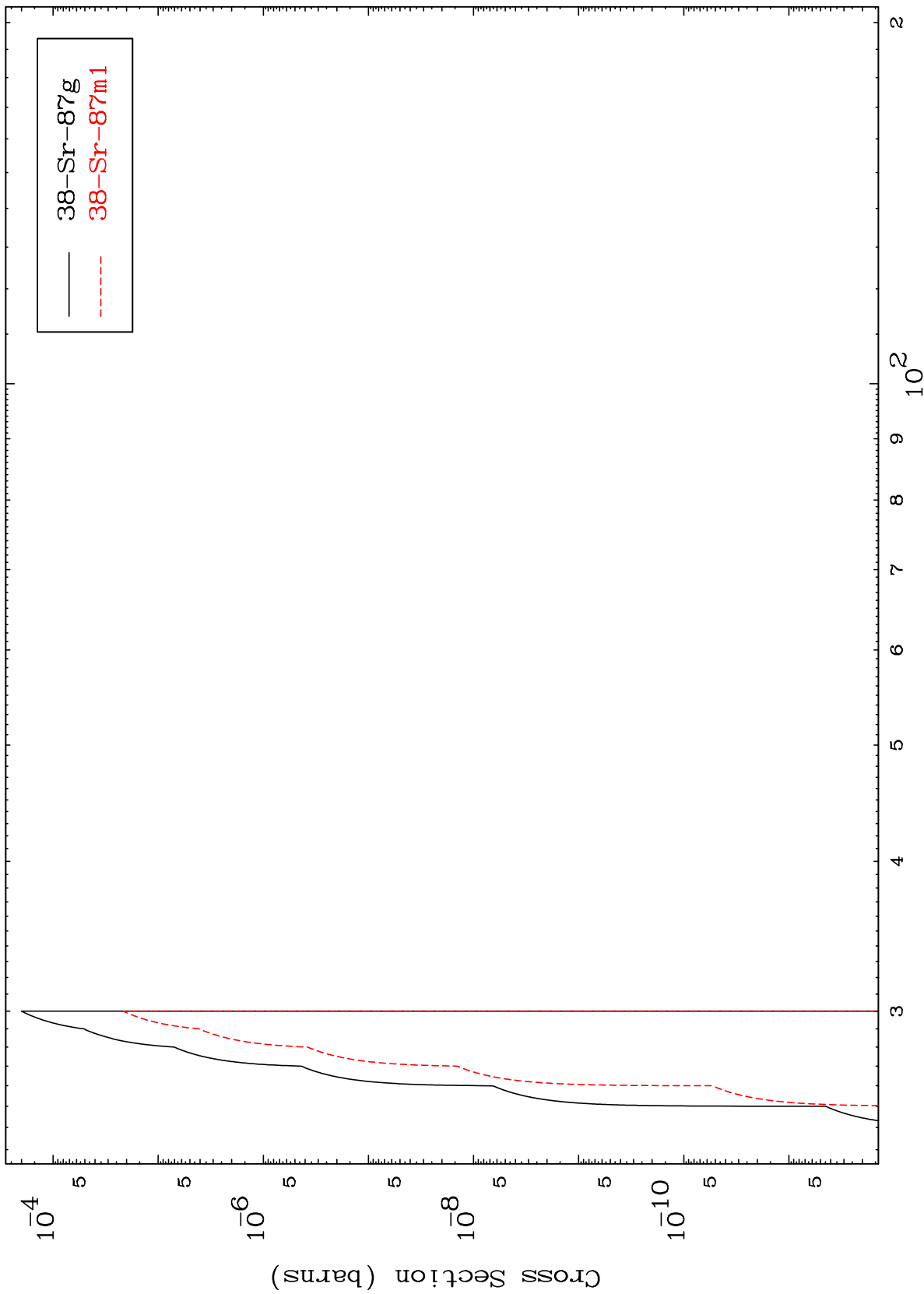
39-Y -90

MAT 3928

(n,2n) d

39-Y -90

Radionuclide Production Cross Section



115

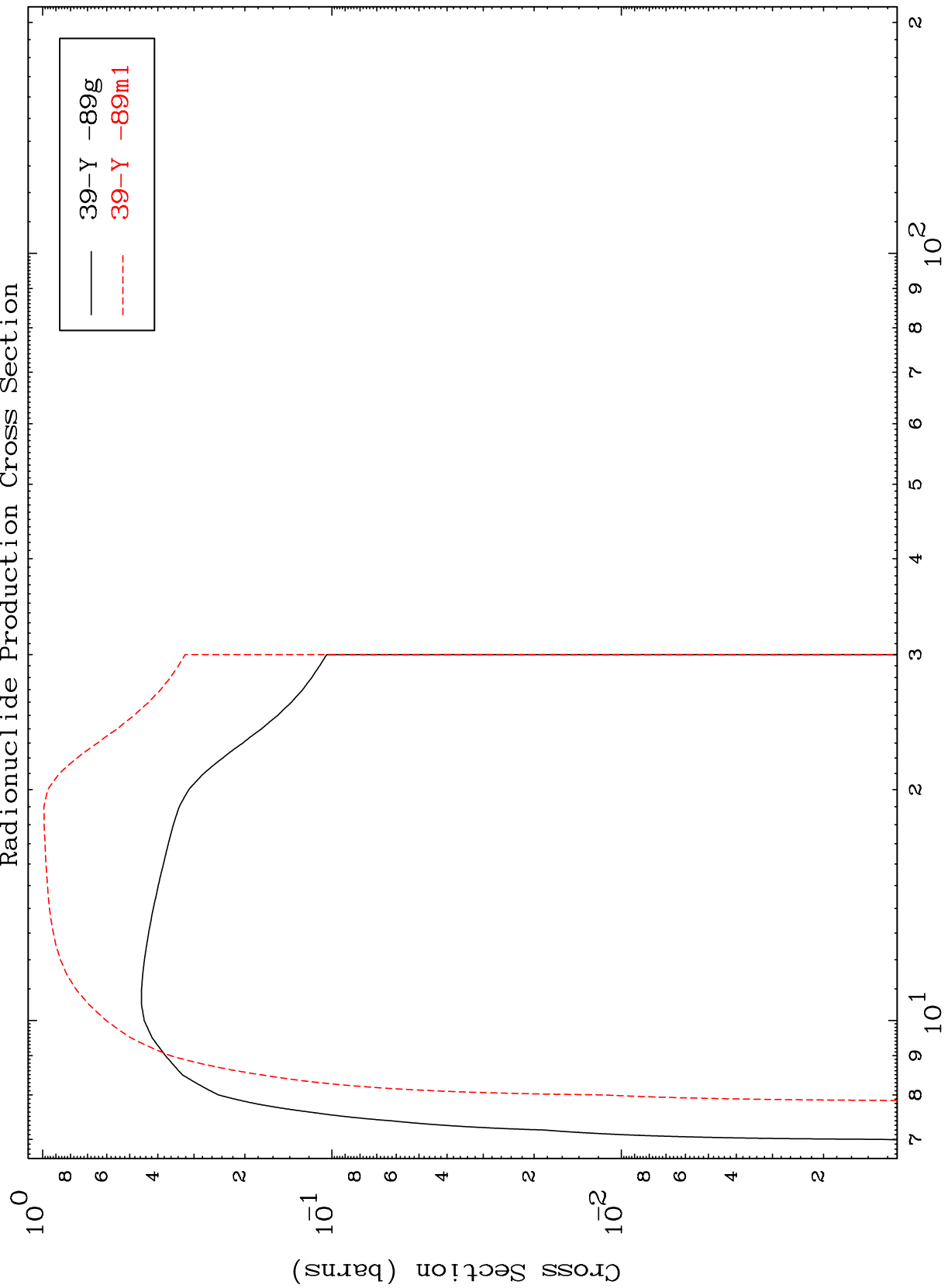
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

(n,2n)
Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

116

Incident Energy (MeV)

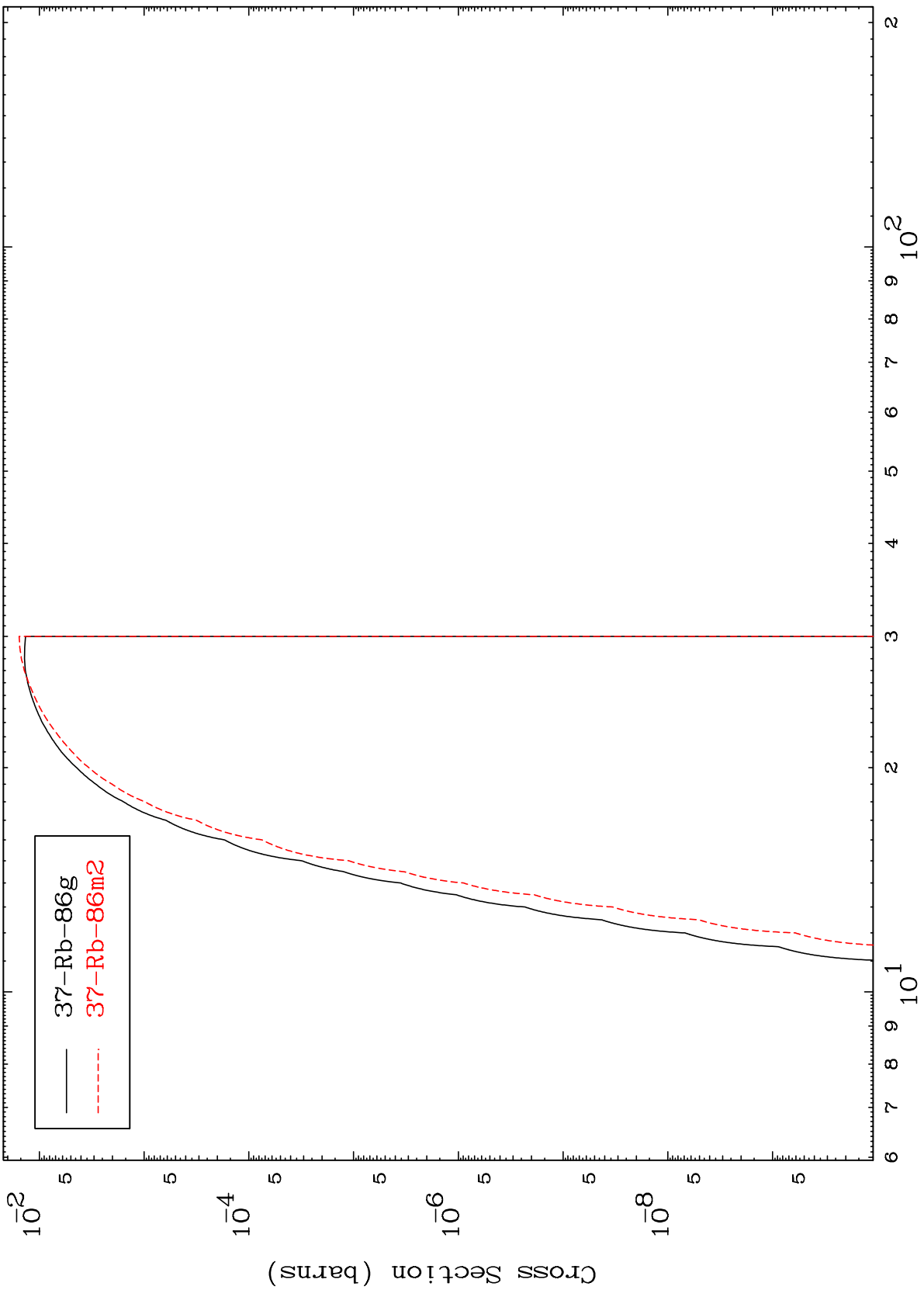
39-Y -90

MAT 3928

$(n, n') \alpha$

39-Y -90

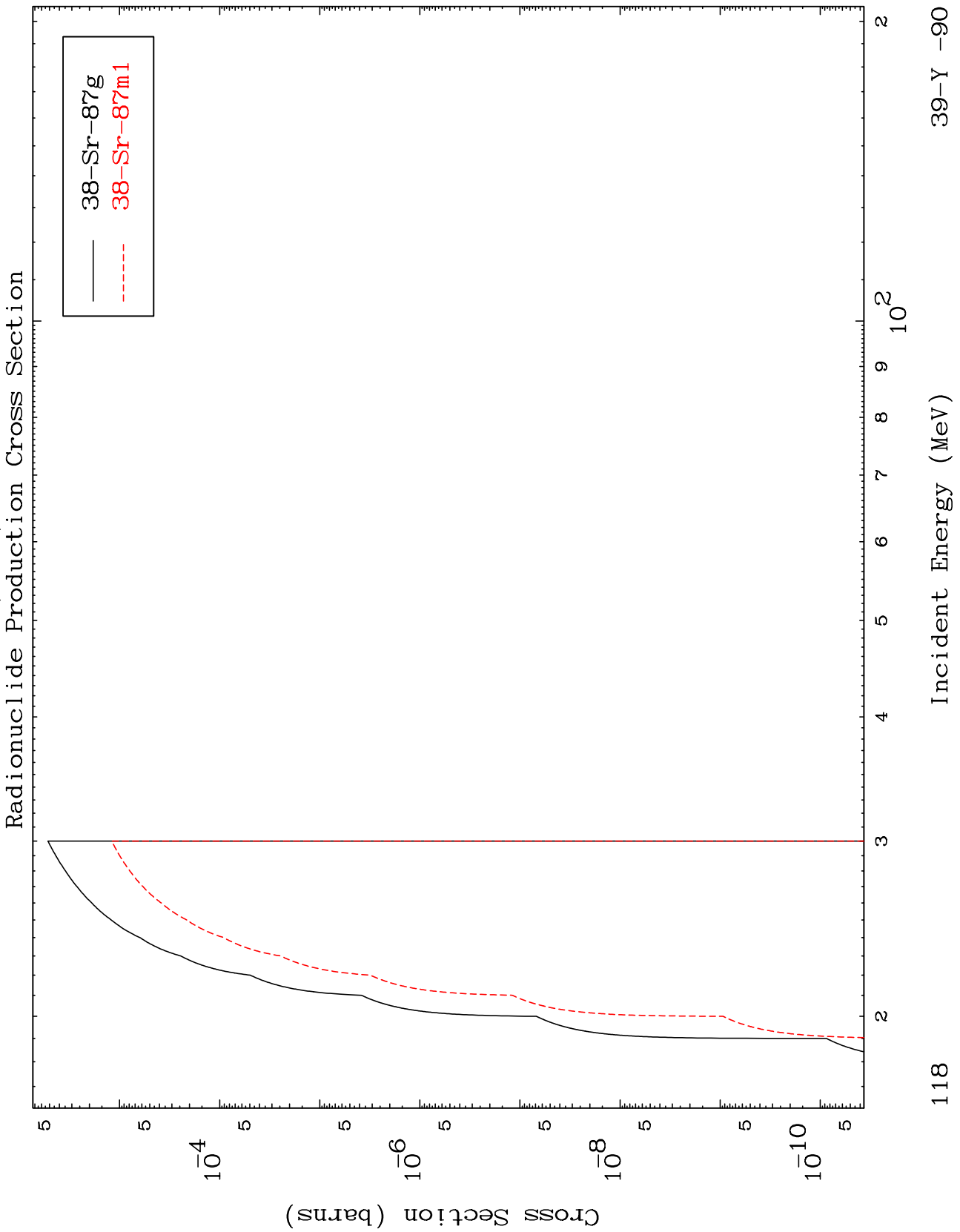
Radionuclide Production Cross Section



117

Incident Energy (MeV)

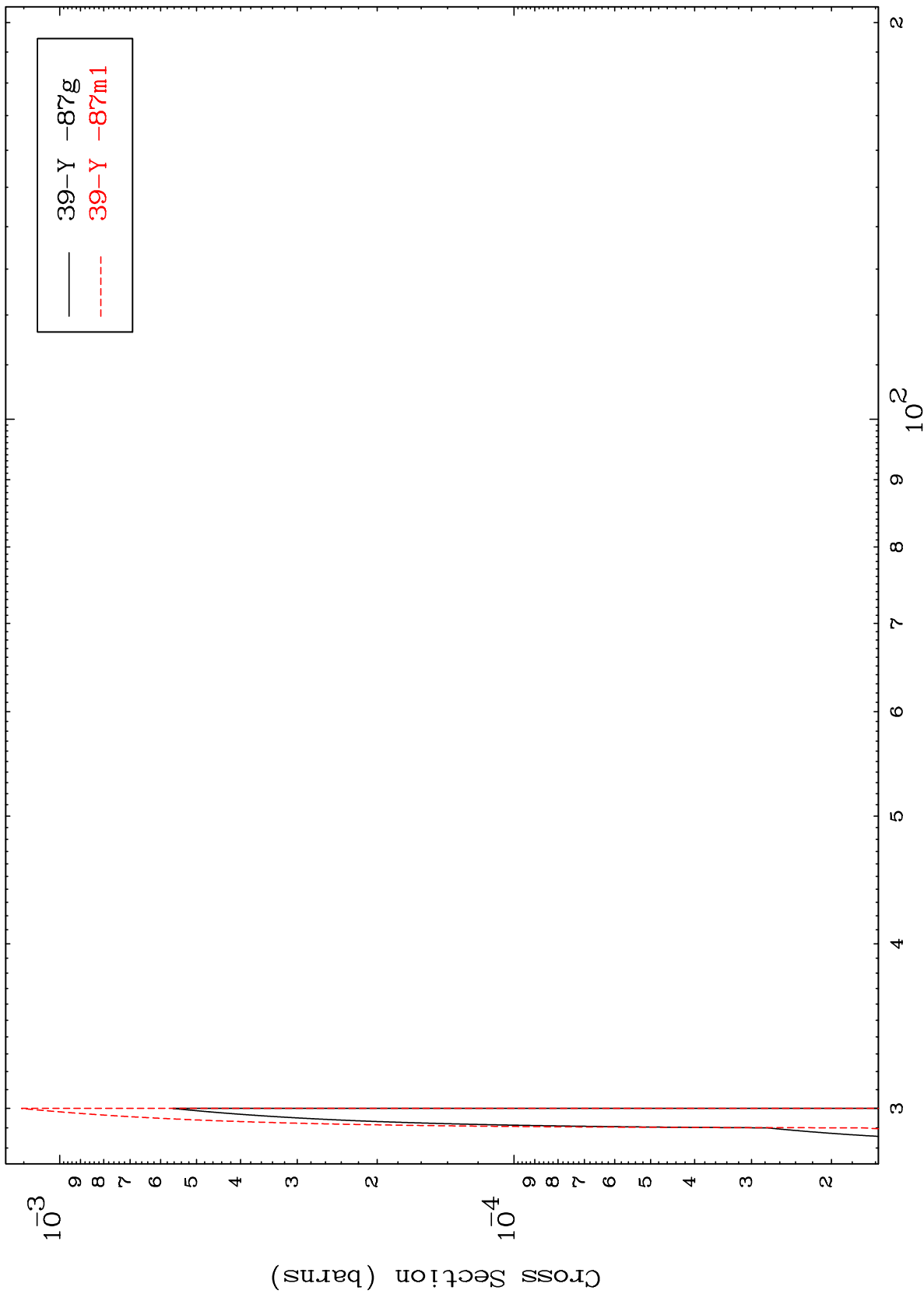
39-Y -90



MAT 3928

39-Y -90

(n,4n)
Radionuclide Production Cross Section



119

39-Y -90

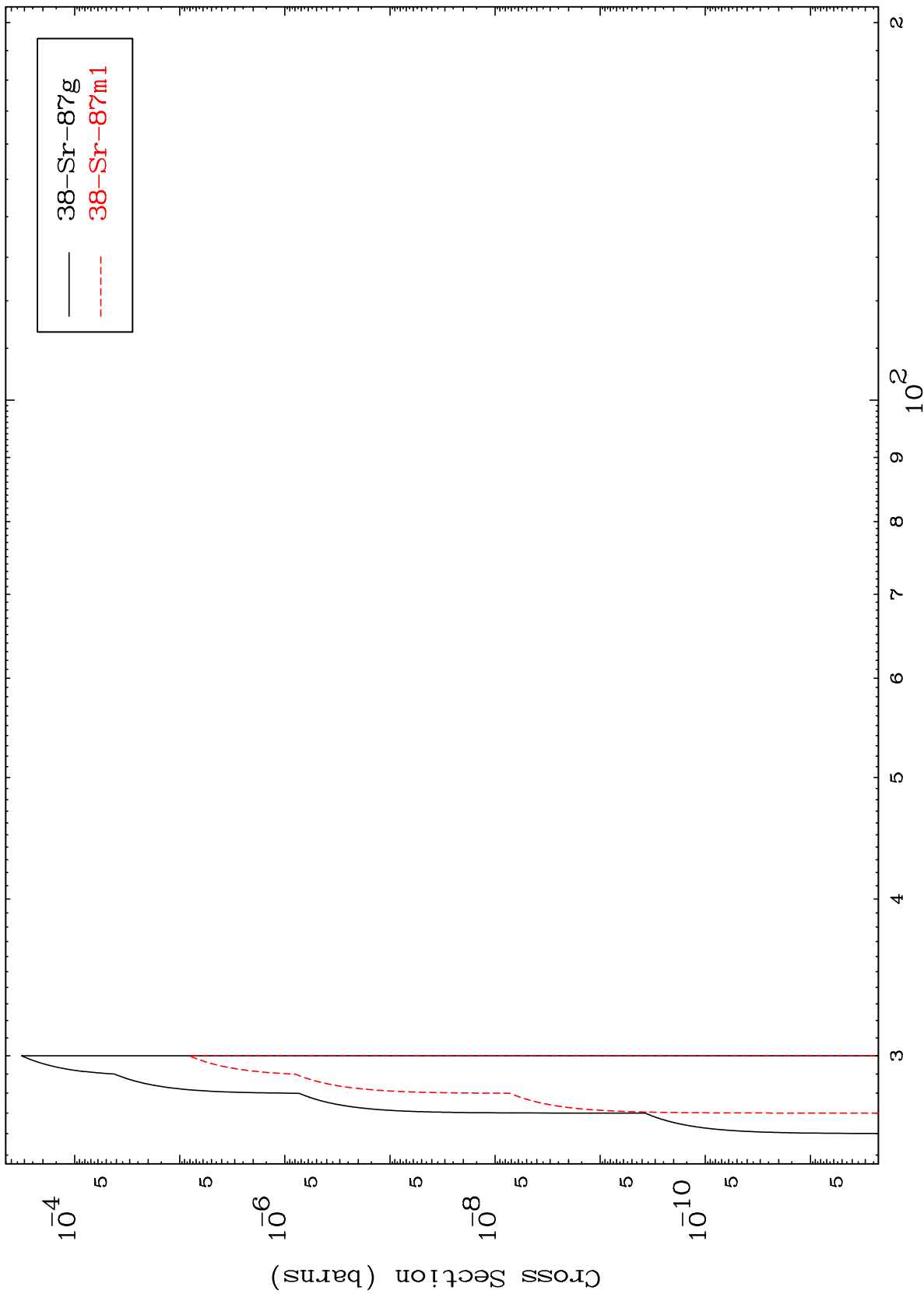
Incident Energy (MeV)

MAT 3928

(n,3n) p

39-Y -90

Radionuclide Production Cross Section



120

Incident Energy (MeV)

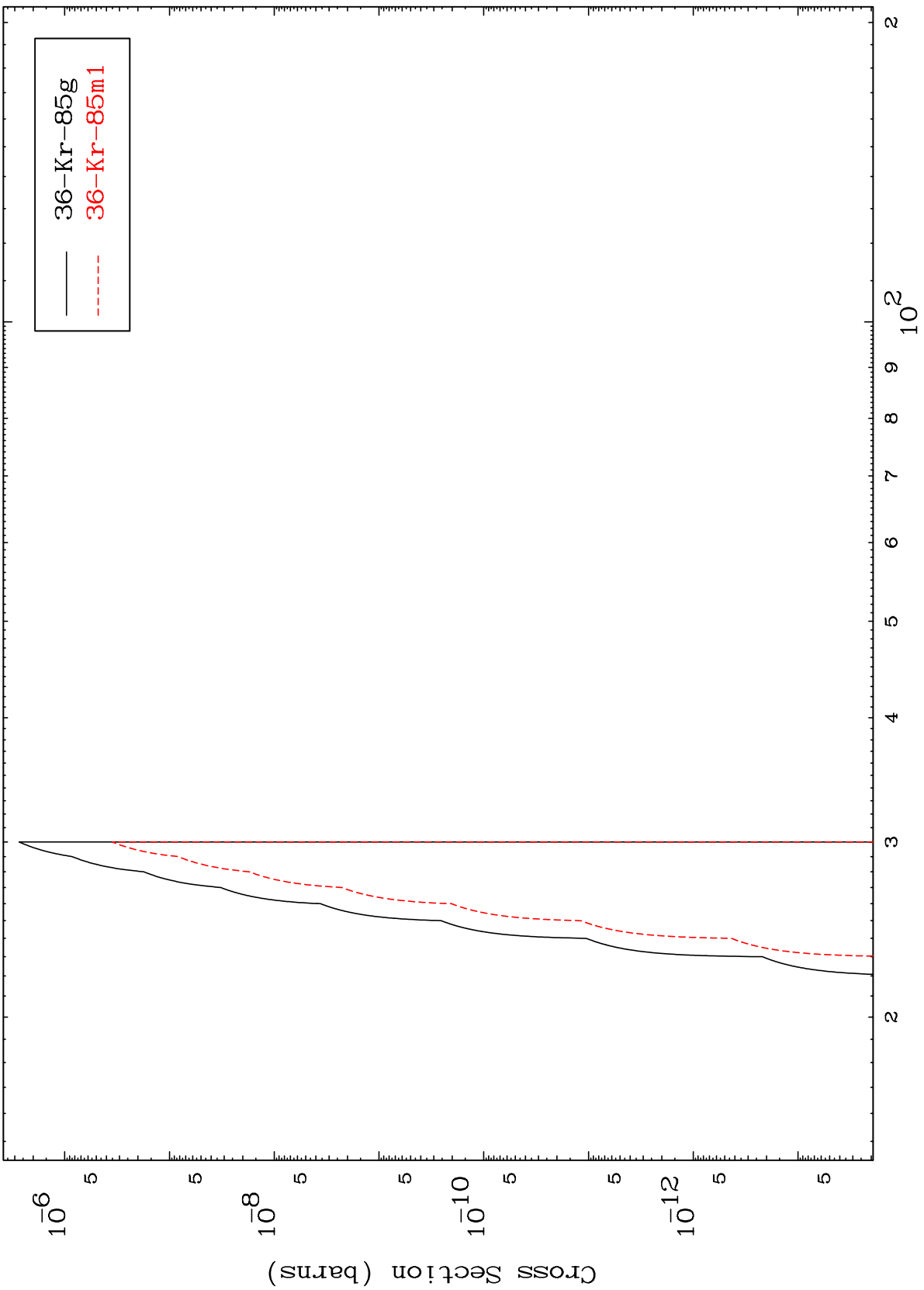
39-Y -90

MAT 3928

(n,n') p α

39-Y -90

Radionuclide Production Cross Section



36-Kr-85g
36-Kr-85m1

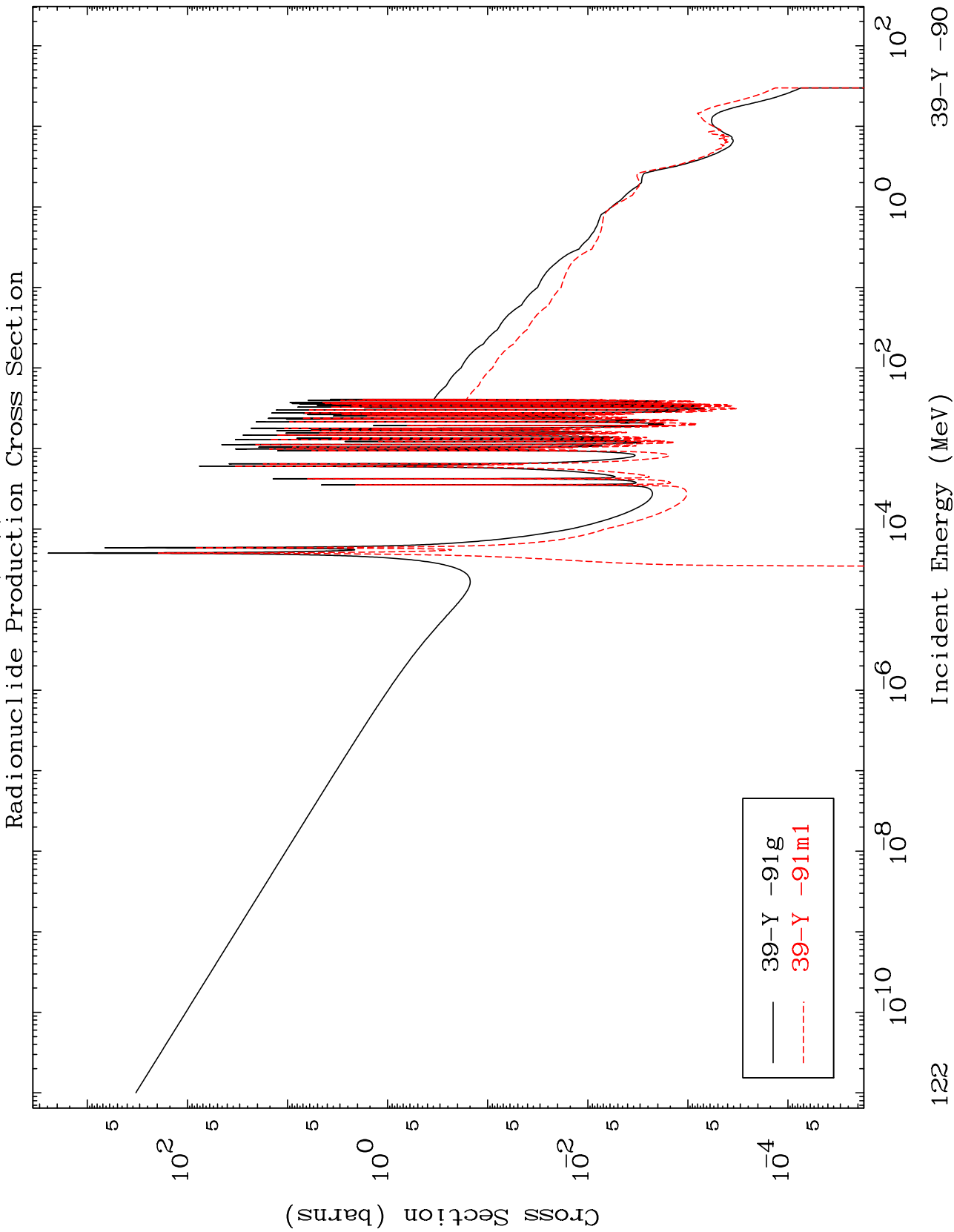
121

Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

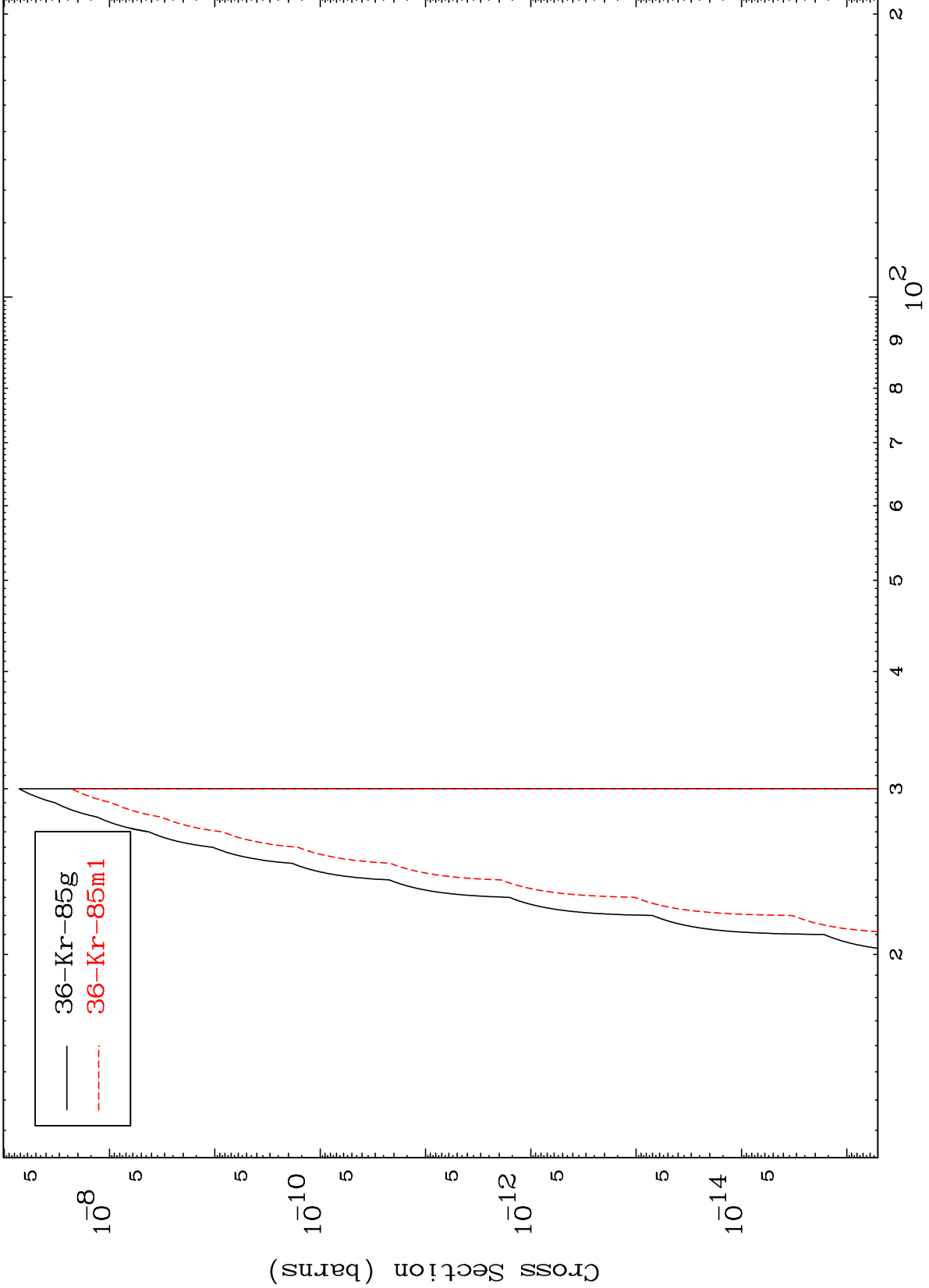


MAT 3928

(n,d) α

39-Y -90

Radionuclide Production Cross Section



123

Incident Energy (MeV)

39-Y -90