

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

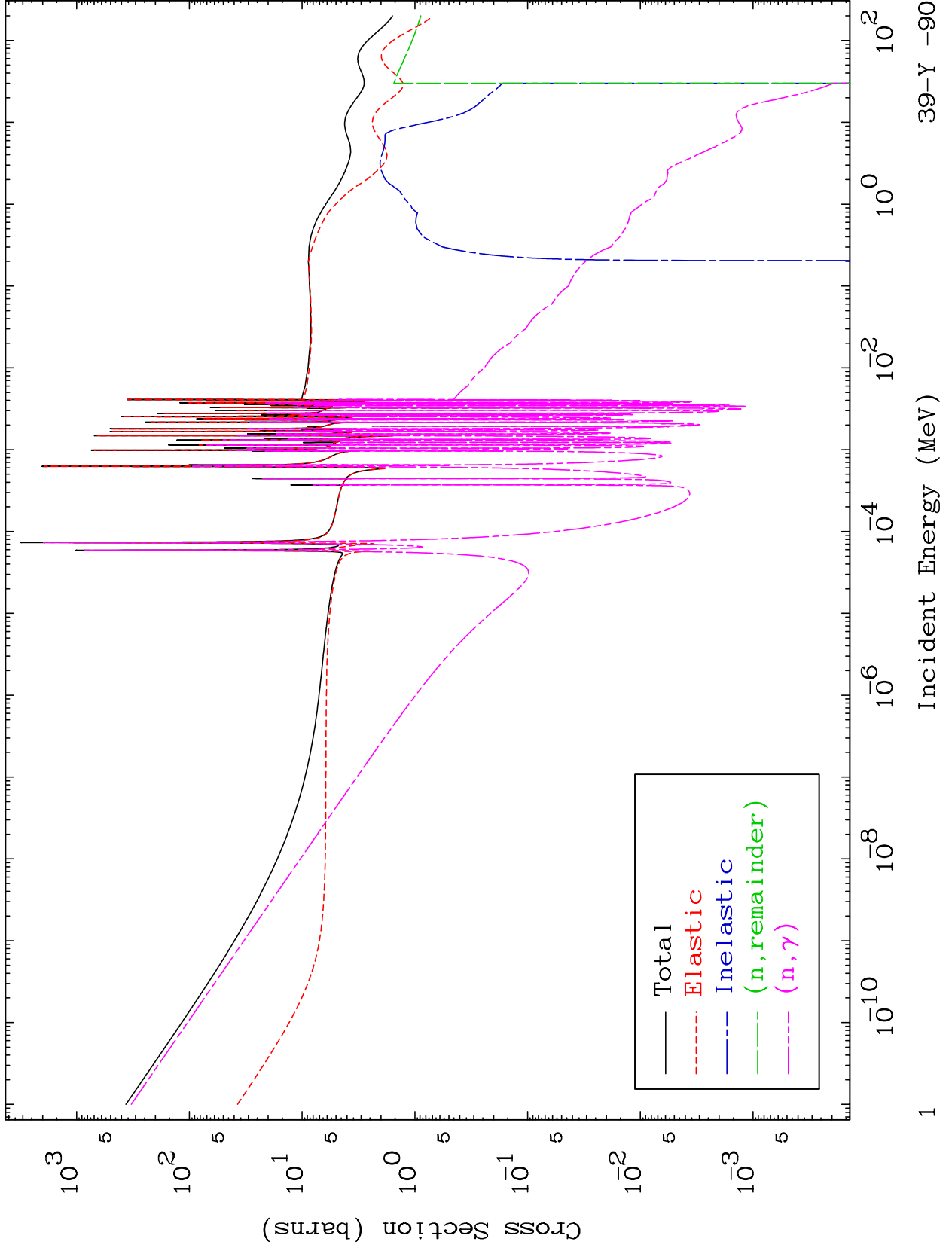
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3928

Major
293 Kelvin Cross Sections

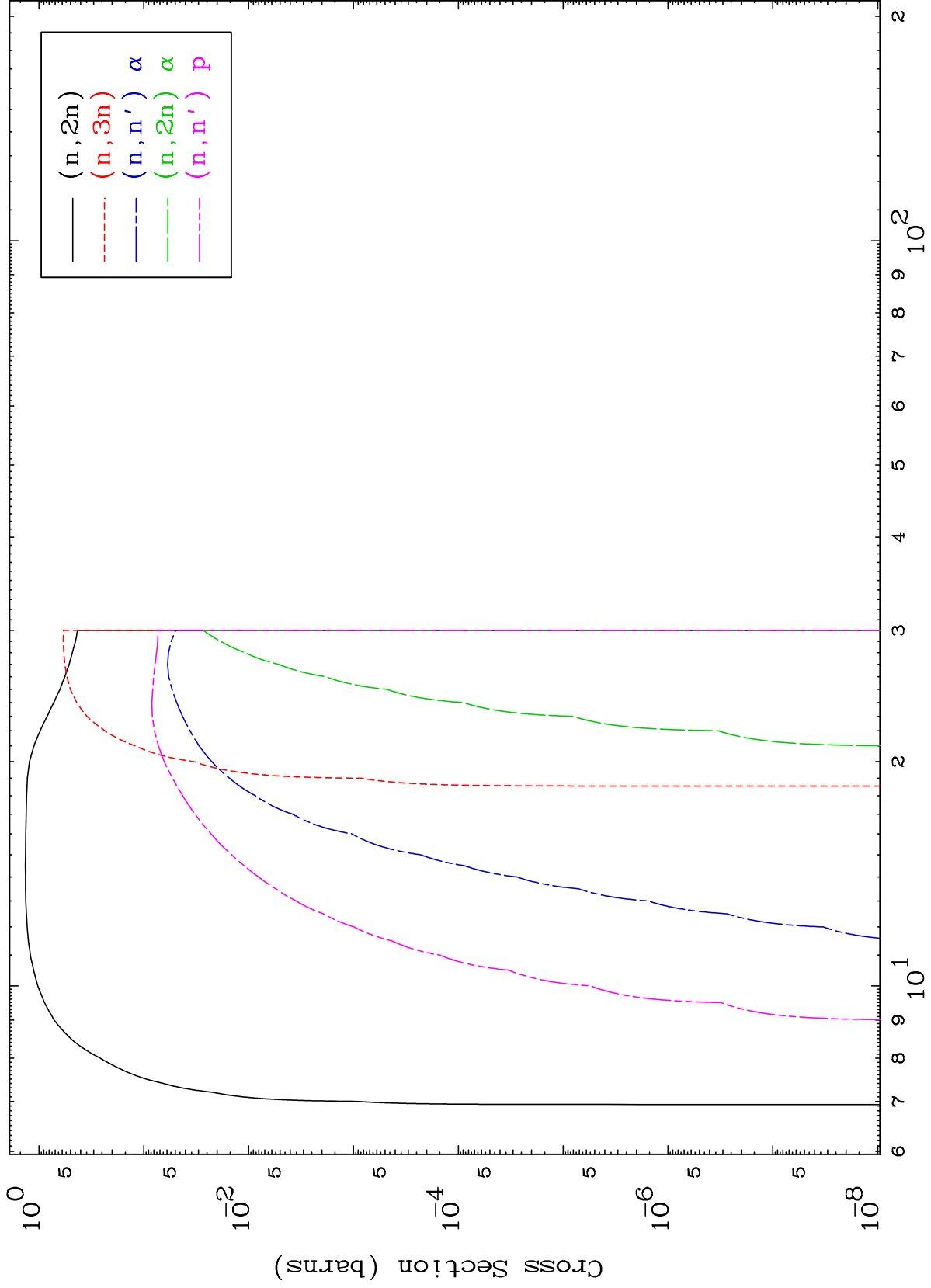
39-Y -90



MAT 3928

Neutron Production
293 Kelvin Cross Sections

39-Y -90

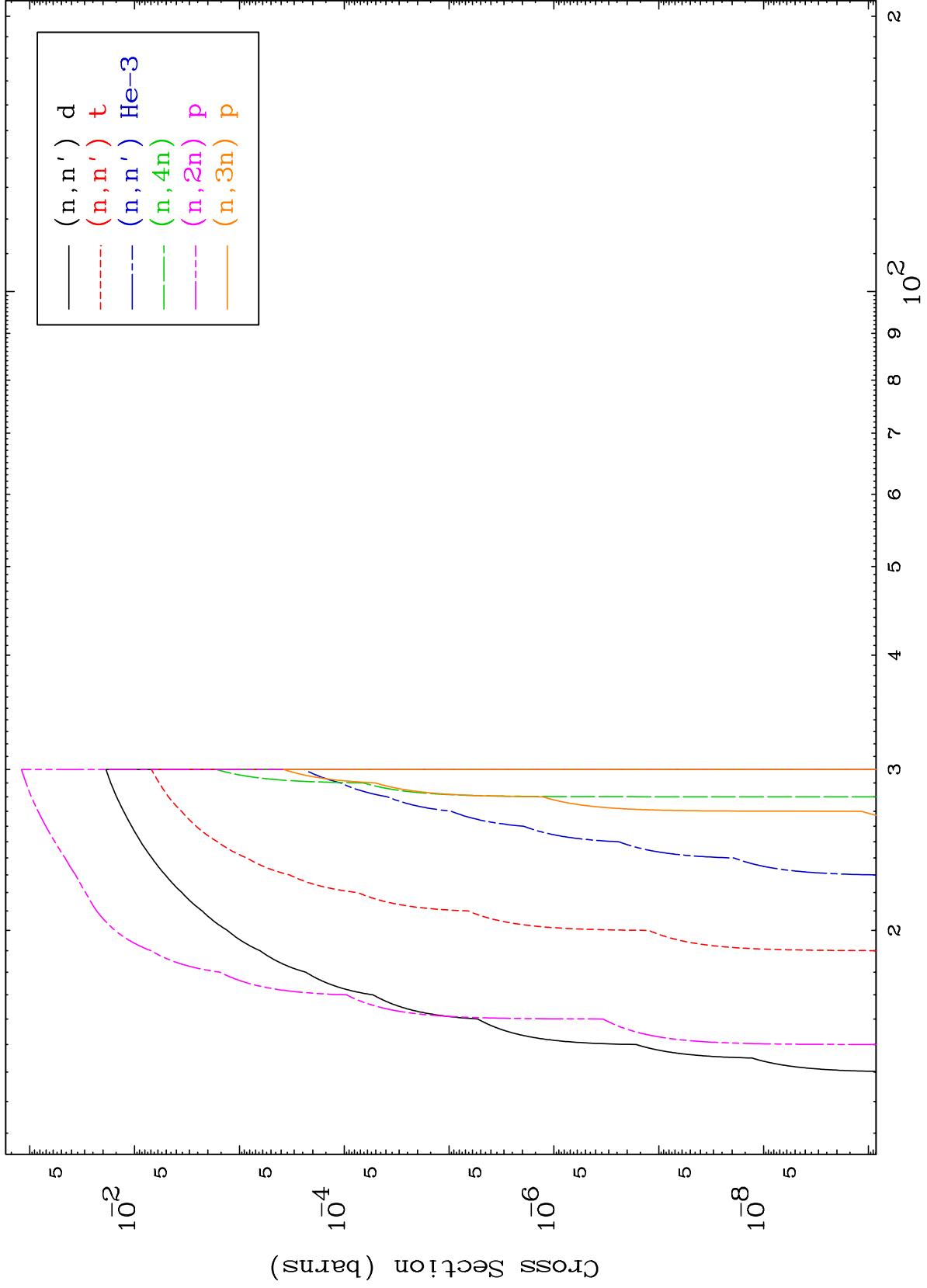


2

Incident Energy (MeV)

39-Y -90

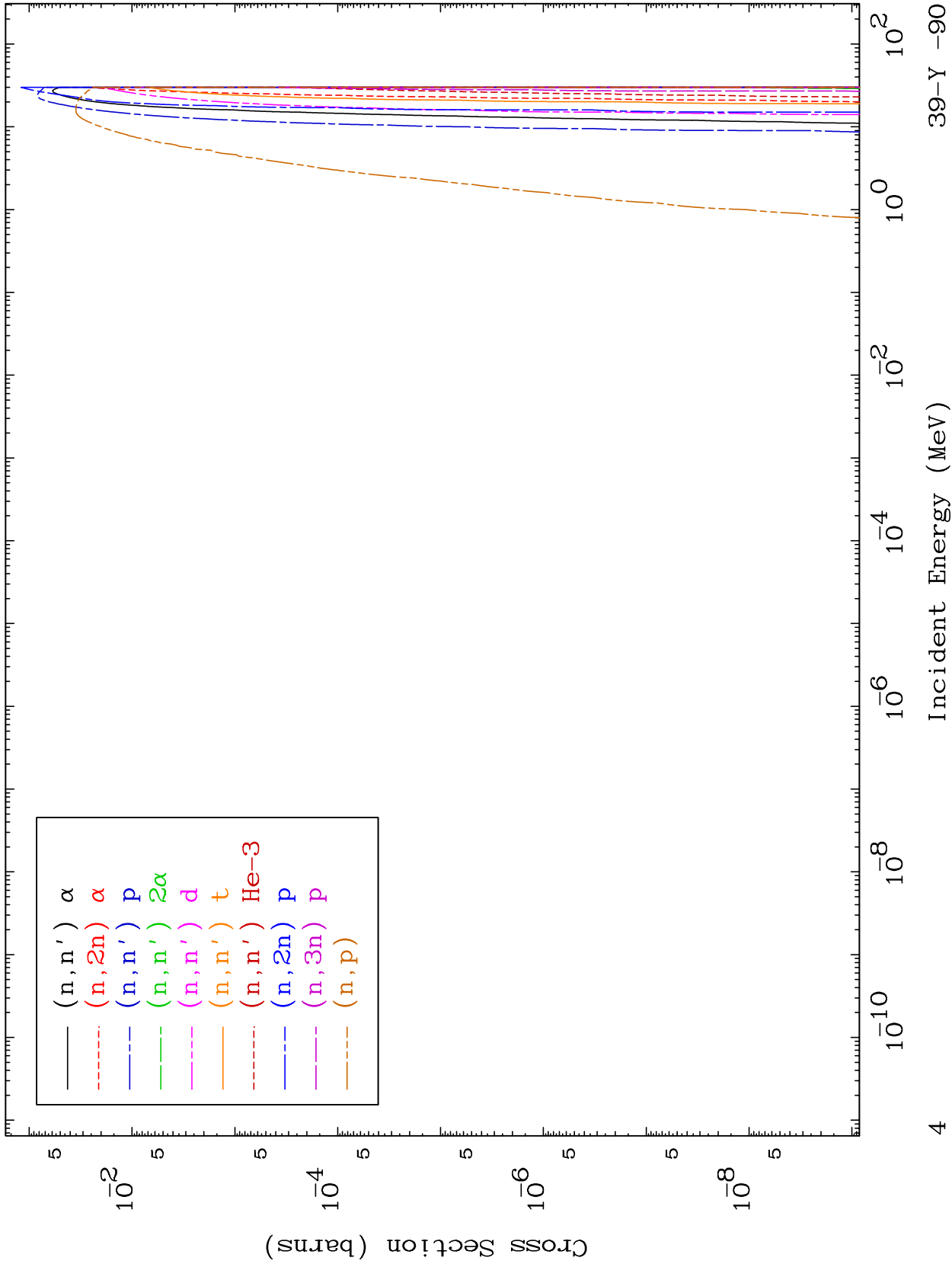
Neutron Production
293 Kelvin Cross Sections



MAT 3928

Charged Particle
293 Kelvin Cross Sections

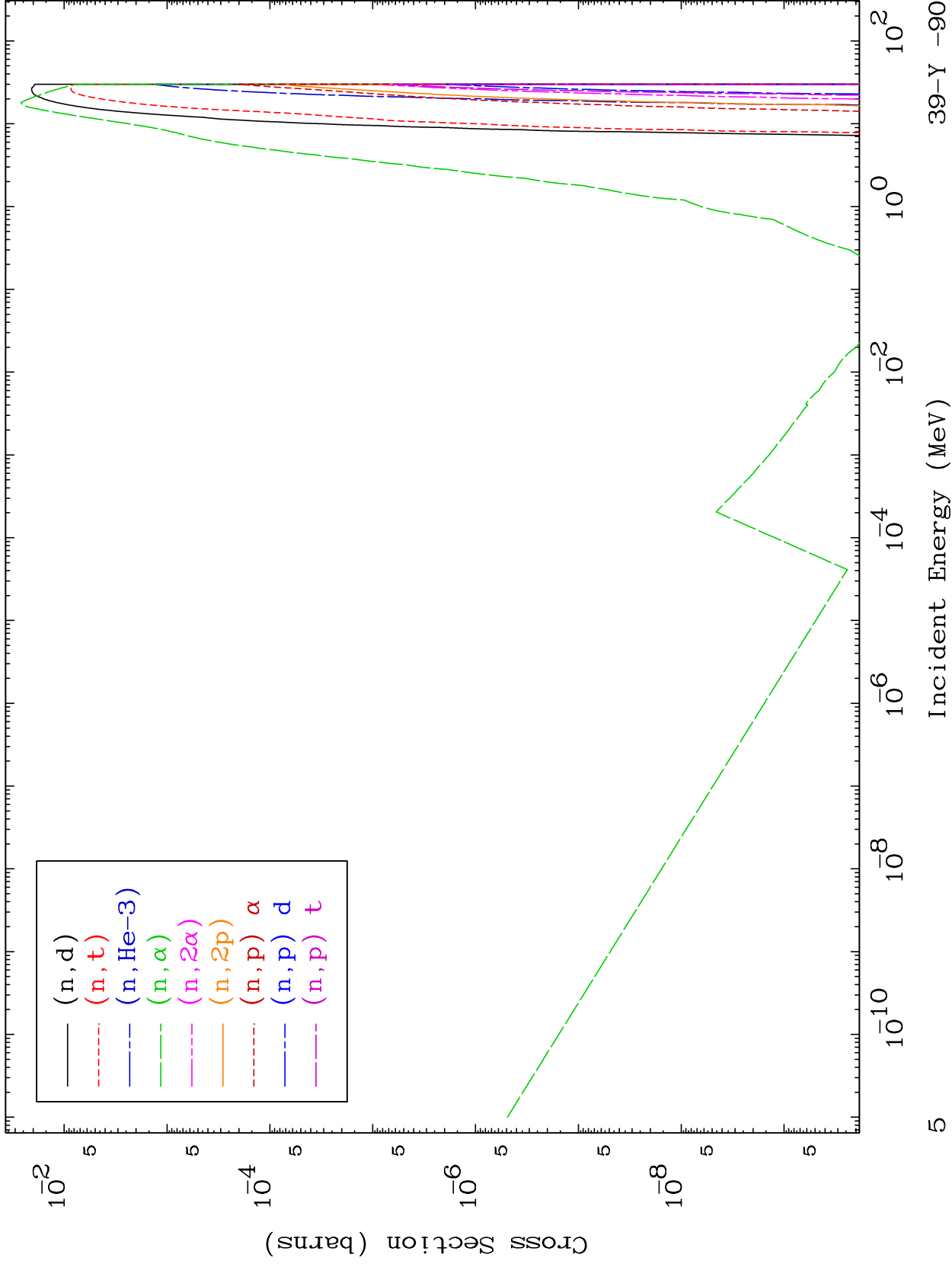
39-Y -90



MAT 3928

Charged Particle
293 Kelvin Cross Sections

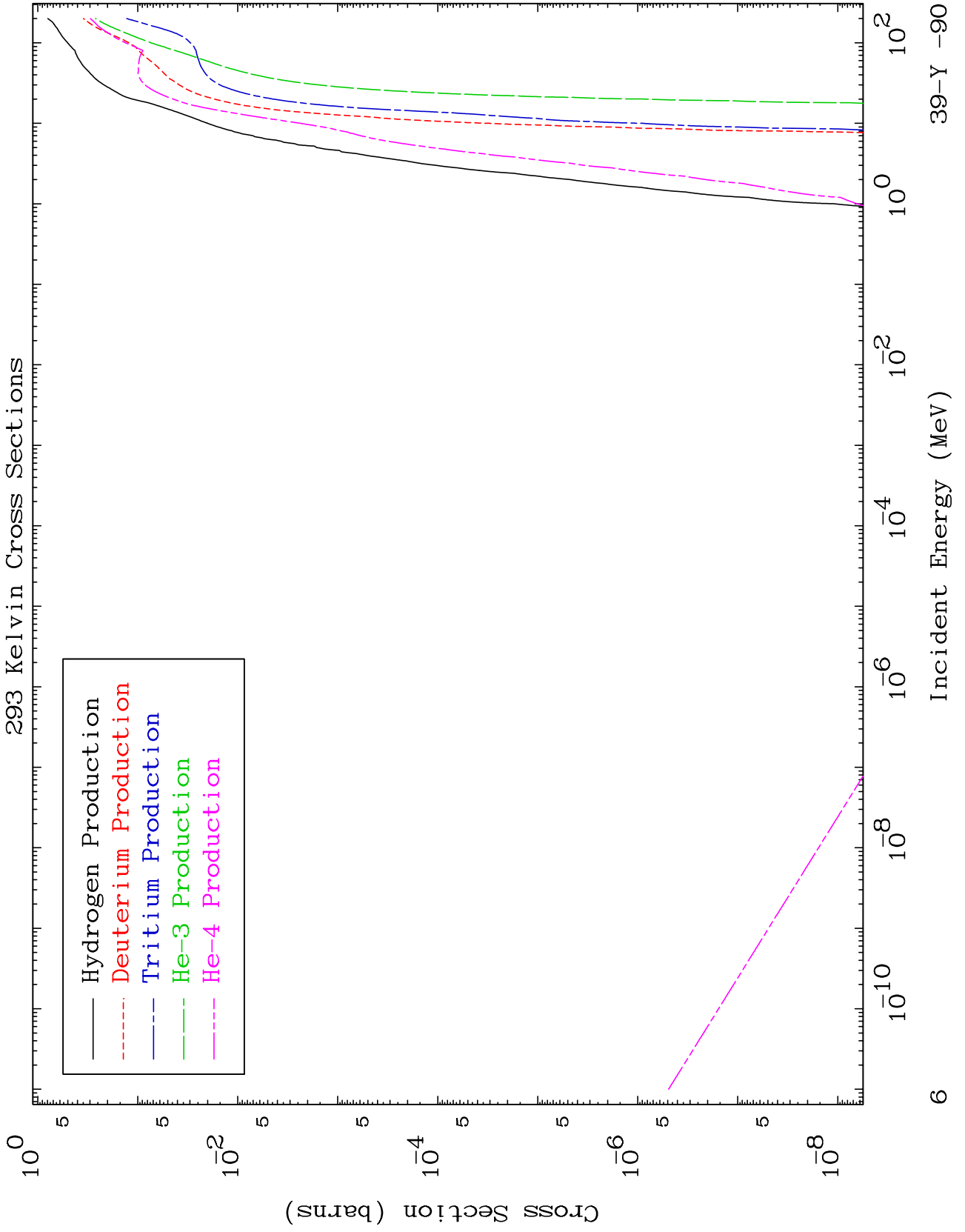
39-Y -90



MAT 3928

Particle Production
293 Kelvin Cross Sections

39-Y -90

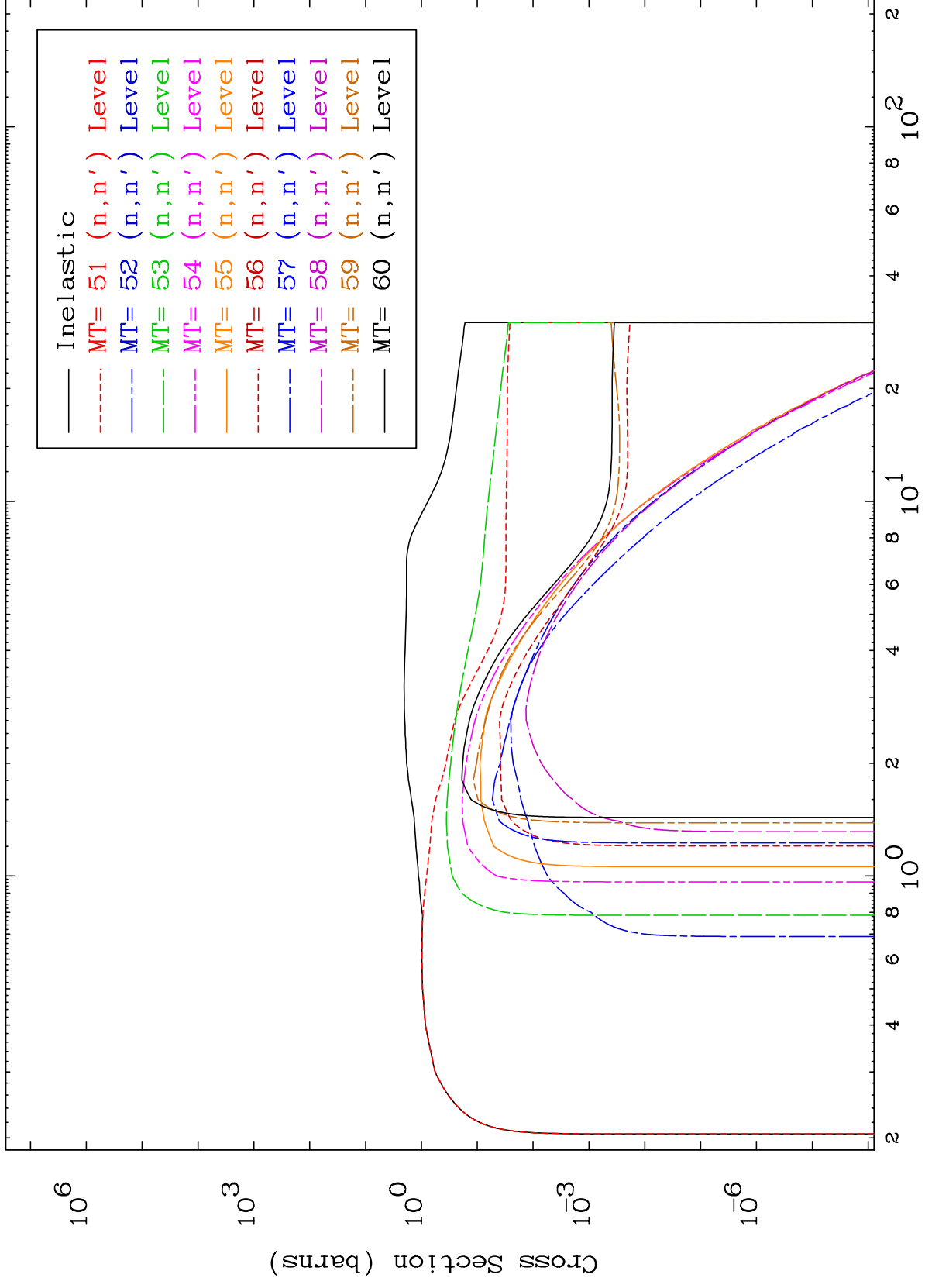


MAT 3928

(n,n') Level

39-Y -90

293 Kelvin Cross Sections



Incident Energy (MeV)

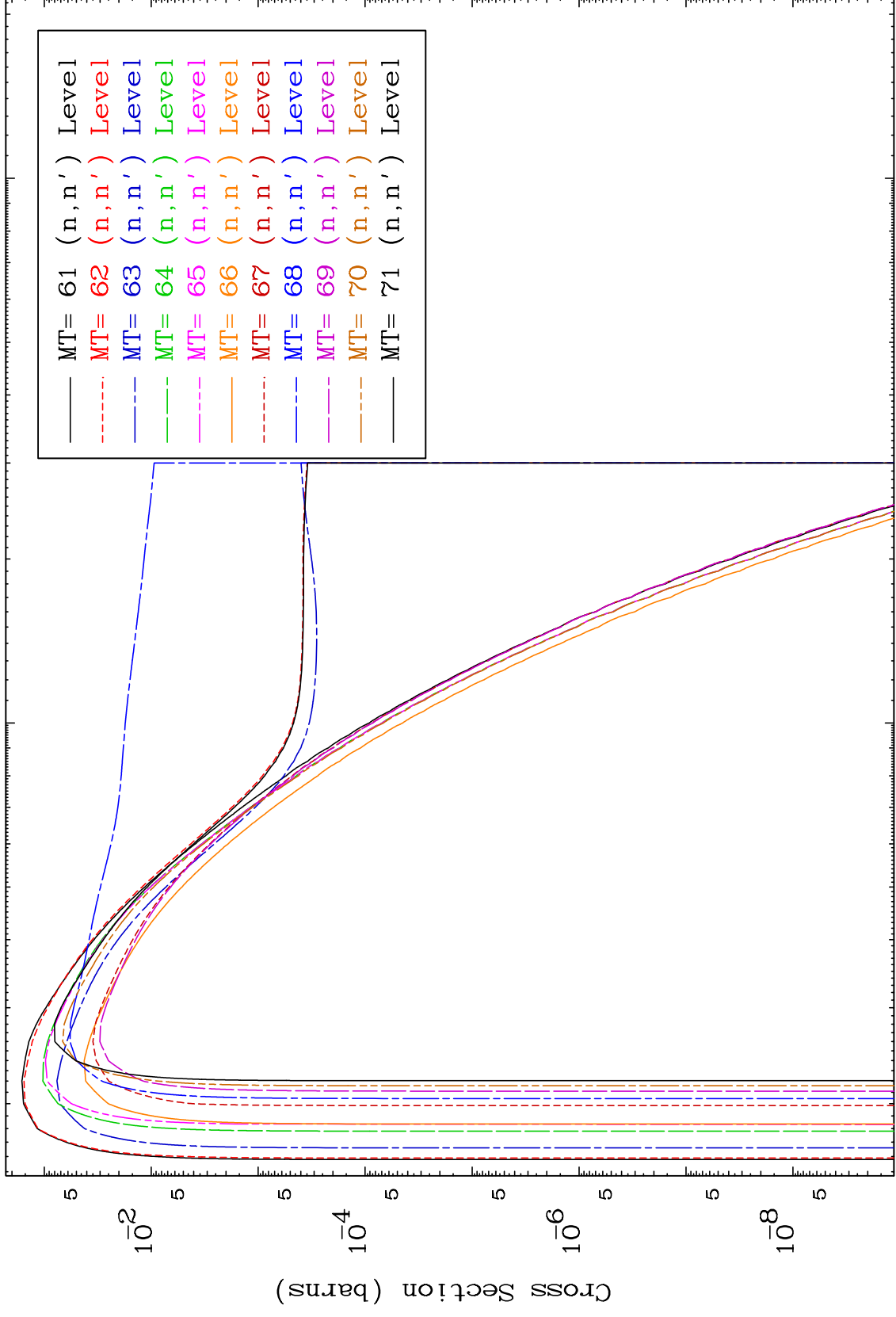
39-Y -90

MAT 3928

(n,n') Level

39-Y -90

293 Kelvin Cross Sections

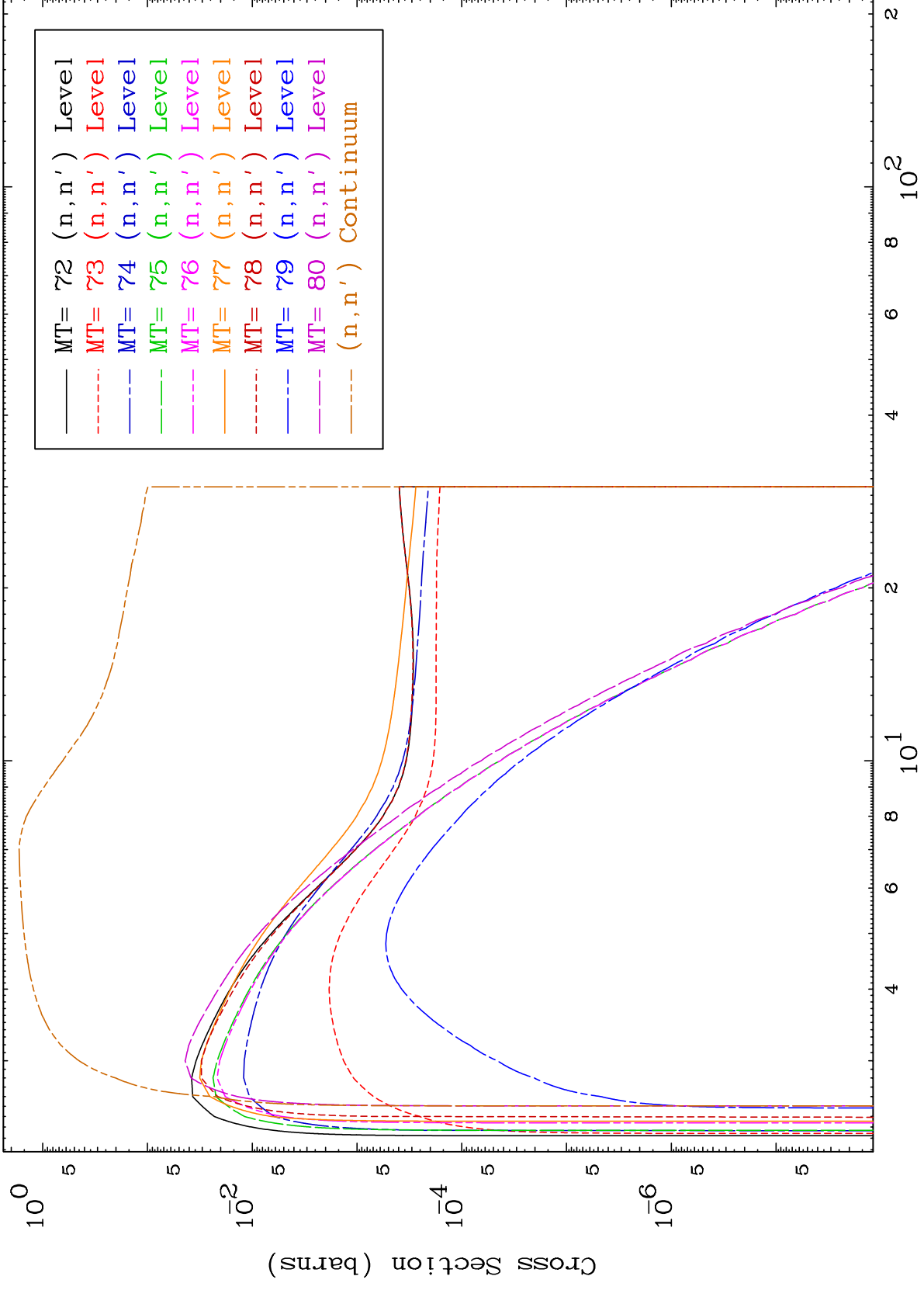


8

Incident Energy (MeV)

39-Y -90

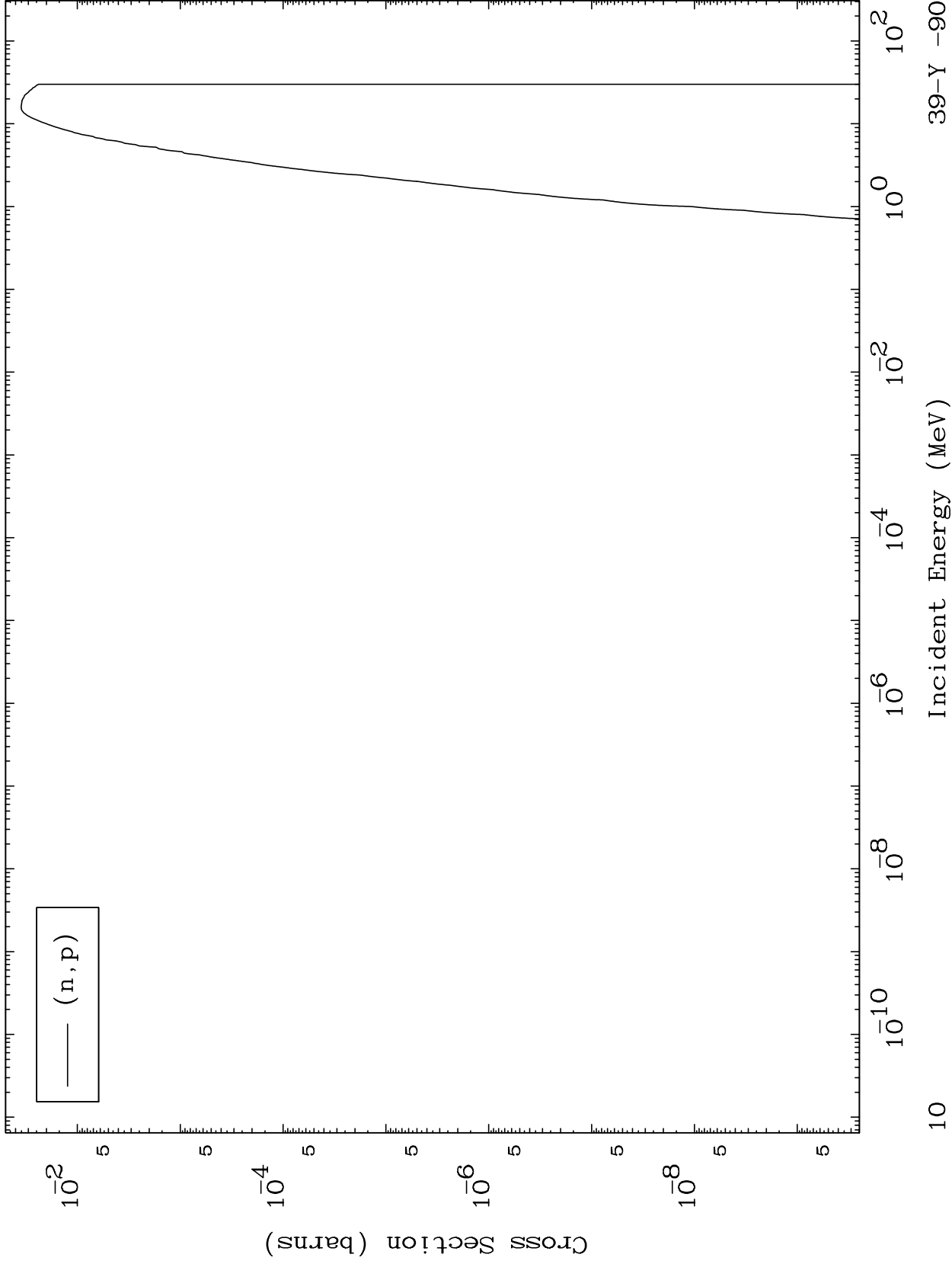
293 Kelvin Cross Sections



MAT 3928

(n,p) Levels
293 Kelvin Cross Sections

39-Y -90



10

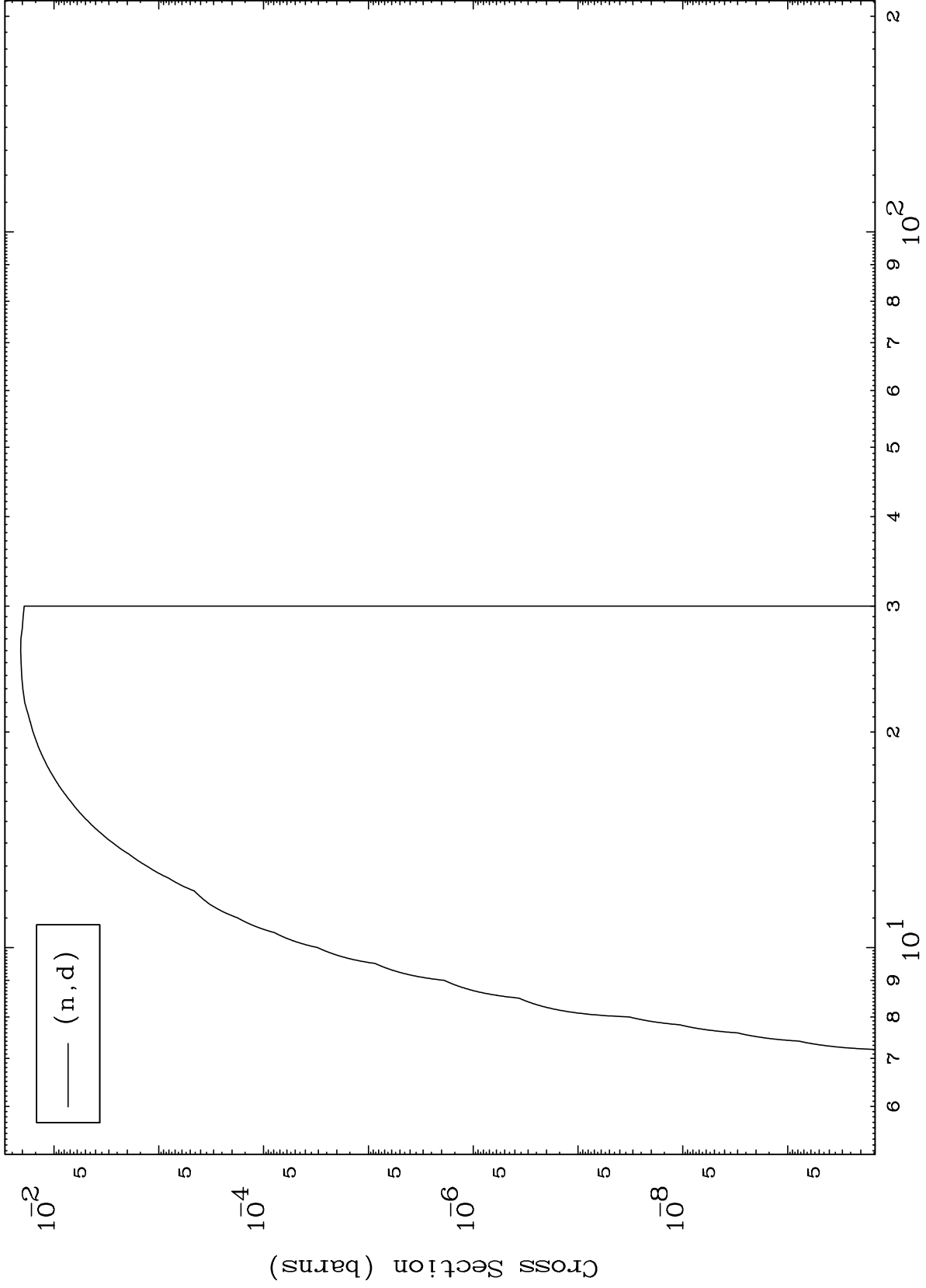
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,d) Levels
293 Kelvin Cross Sections

39-Y -90



11

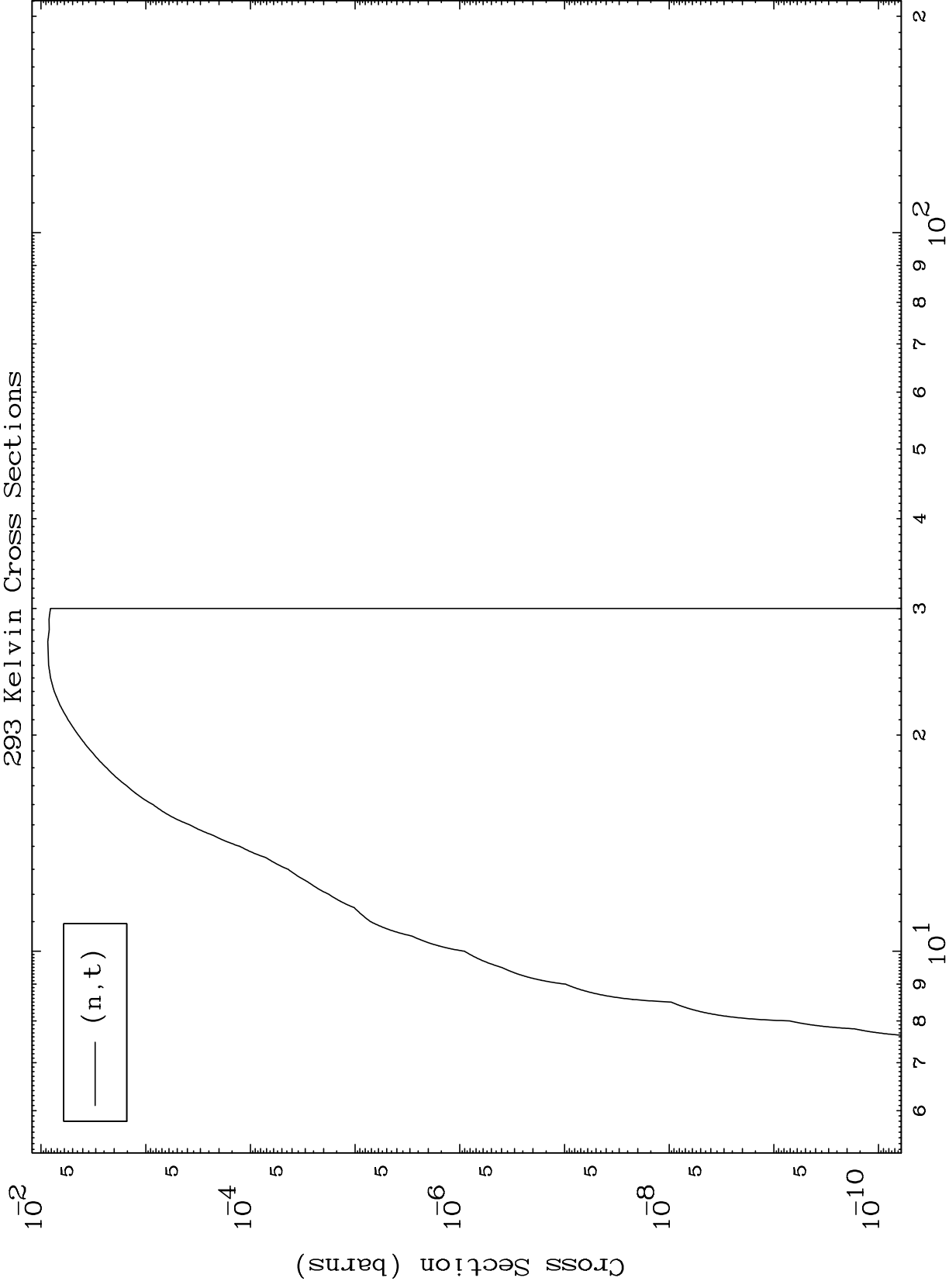
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,t) Levels
293 Kelvin Cross Sections

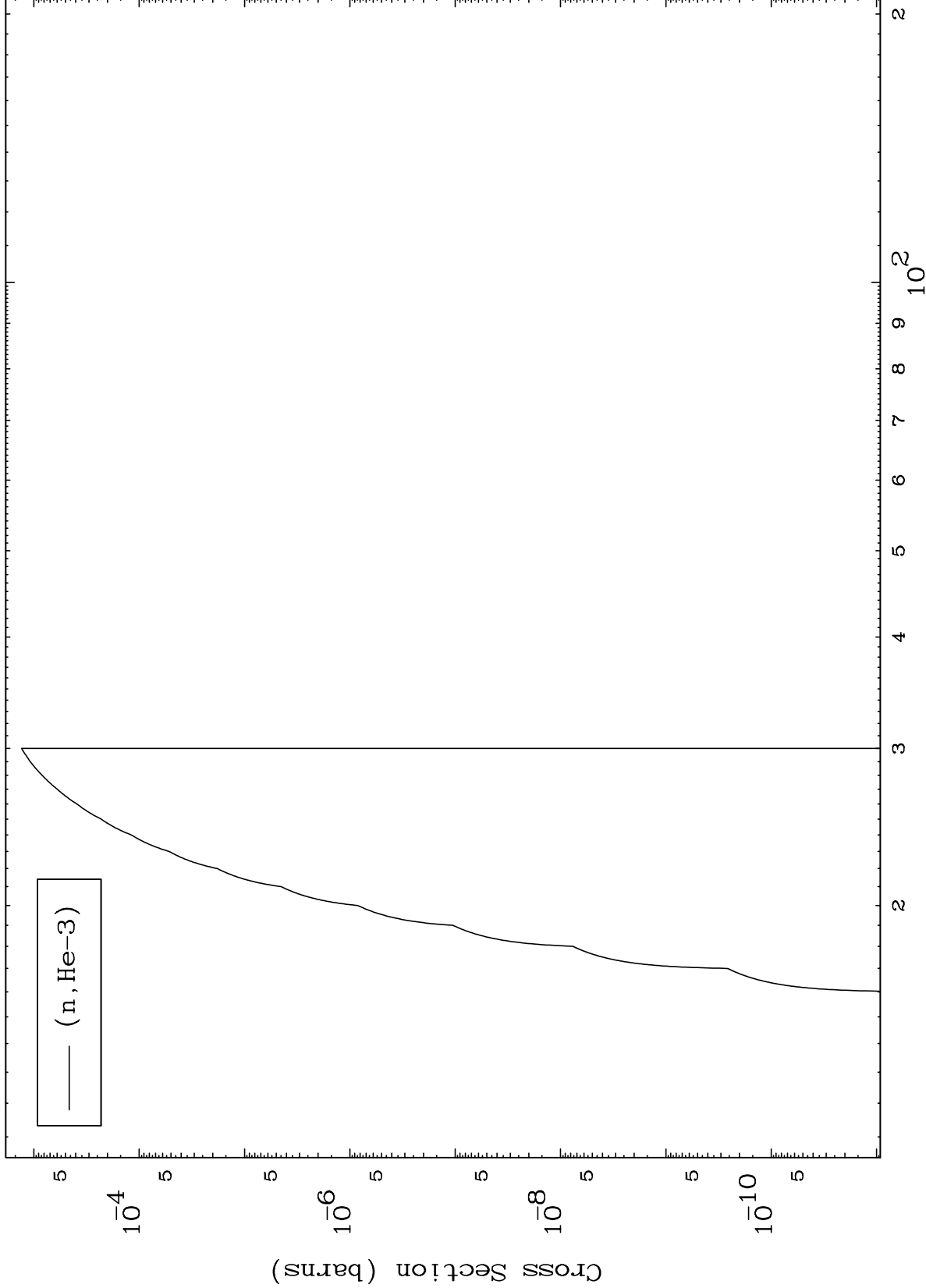
39-Y -90



12

Incident Energy (MeV)

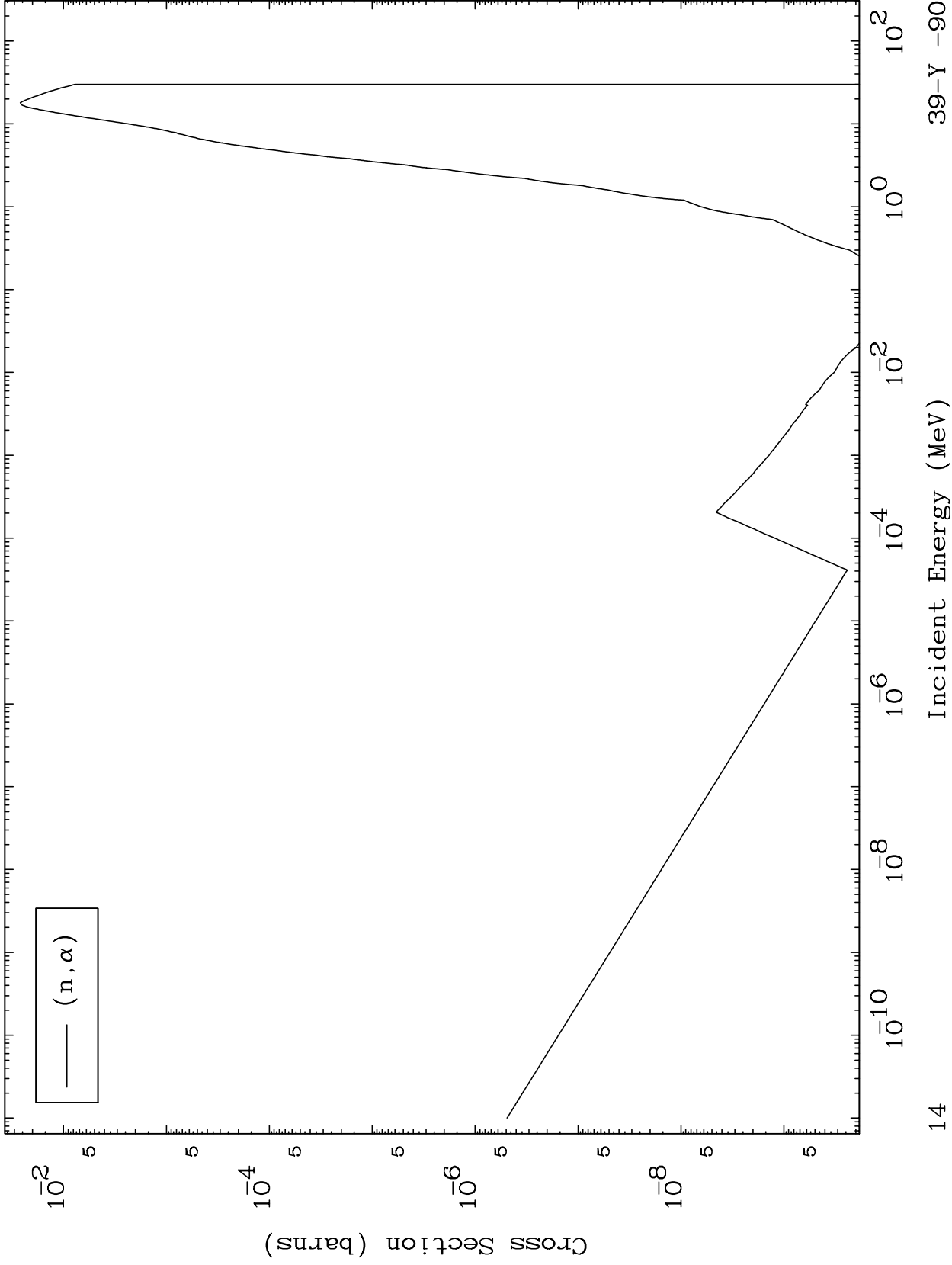
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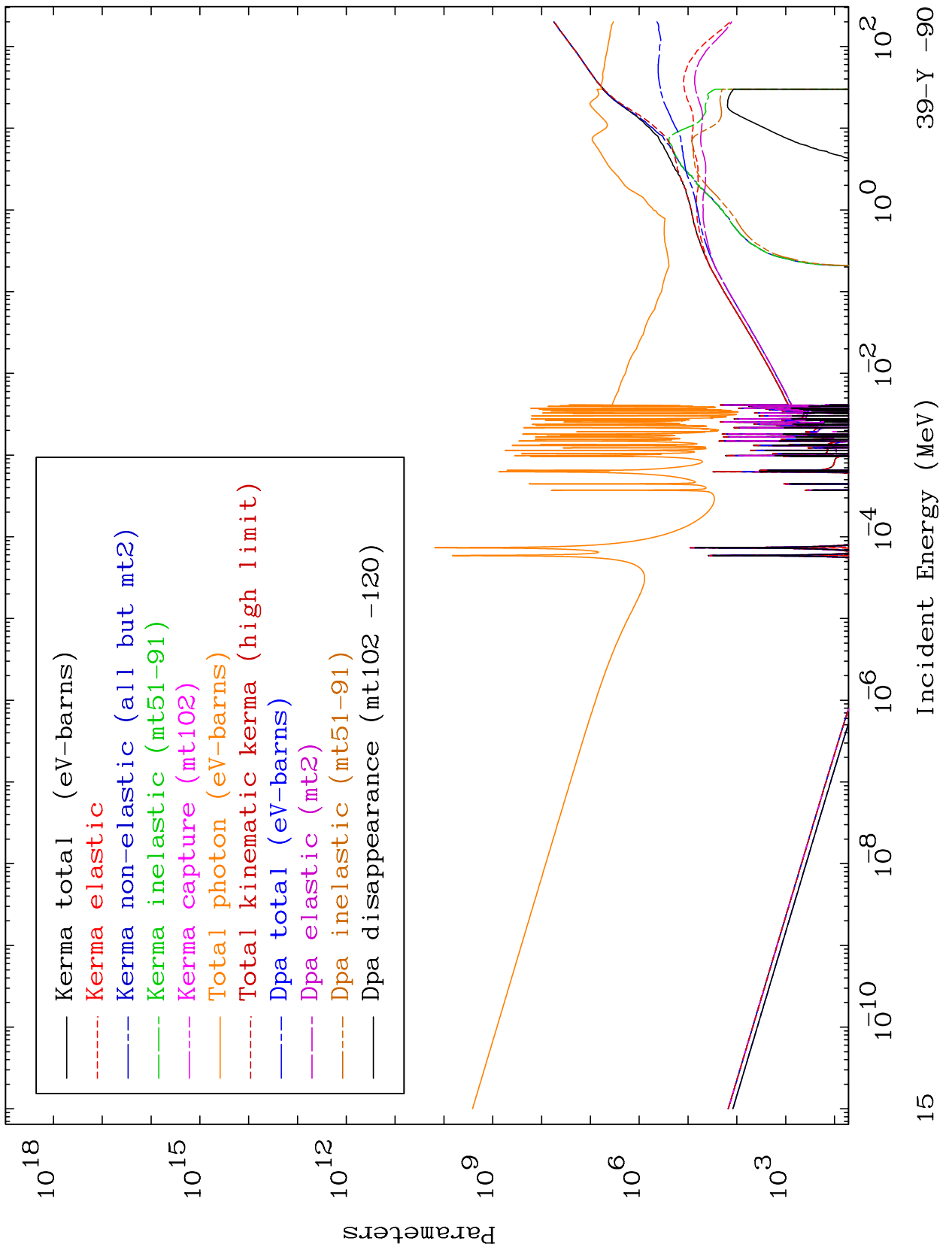


MAT 3928

(n, α) Levels
293 Kelvin Cross Sections

39-Y -90

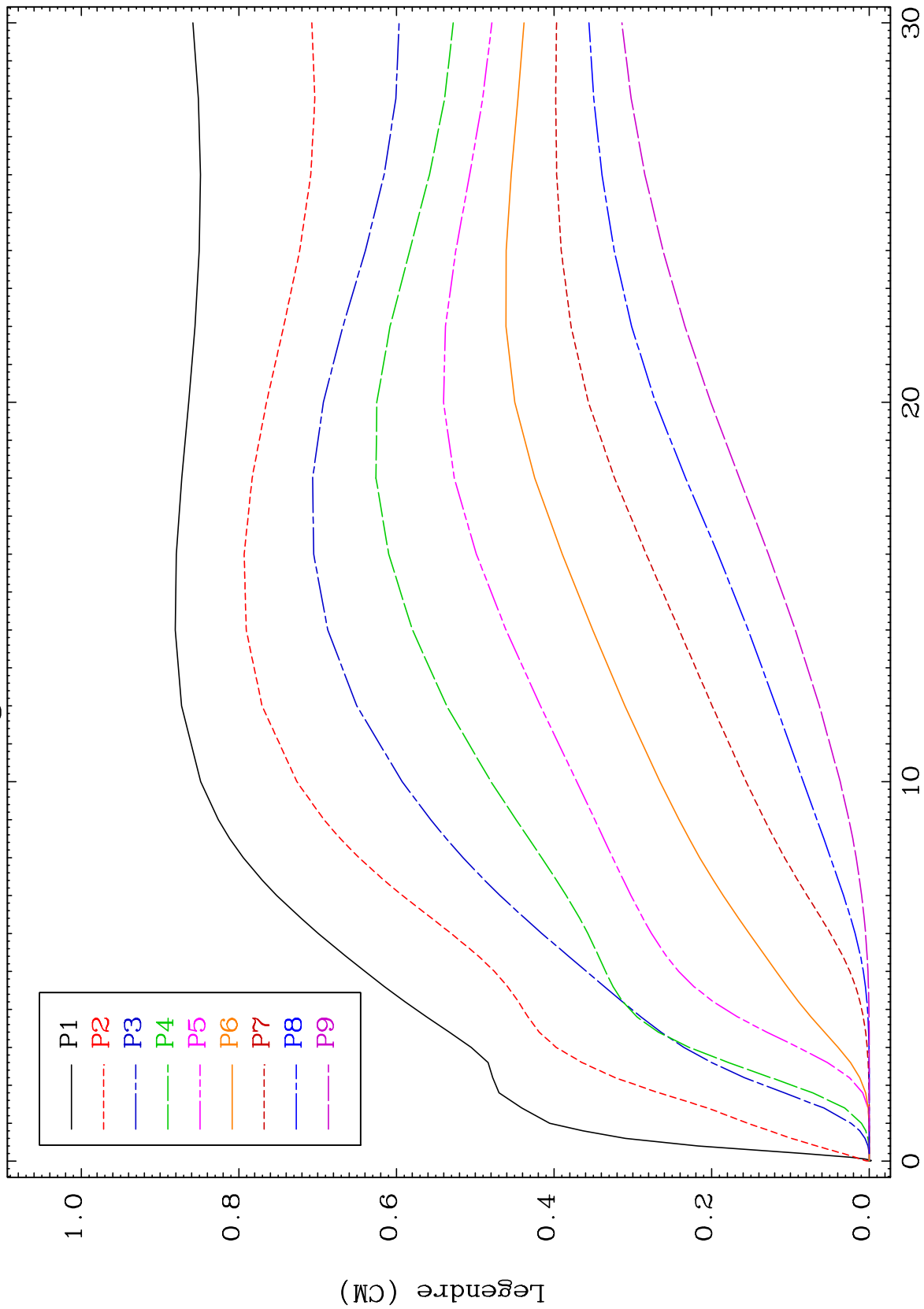




MAT 3928

Elastic Legendre Coefficients

39-Y -90



16

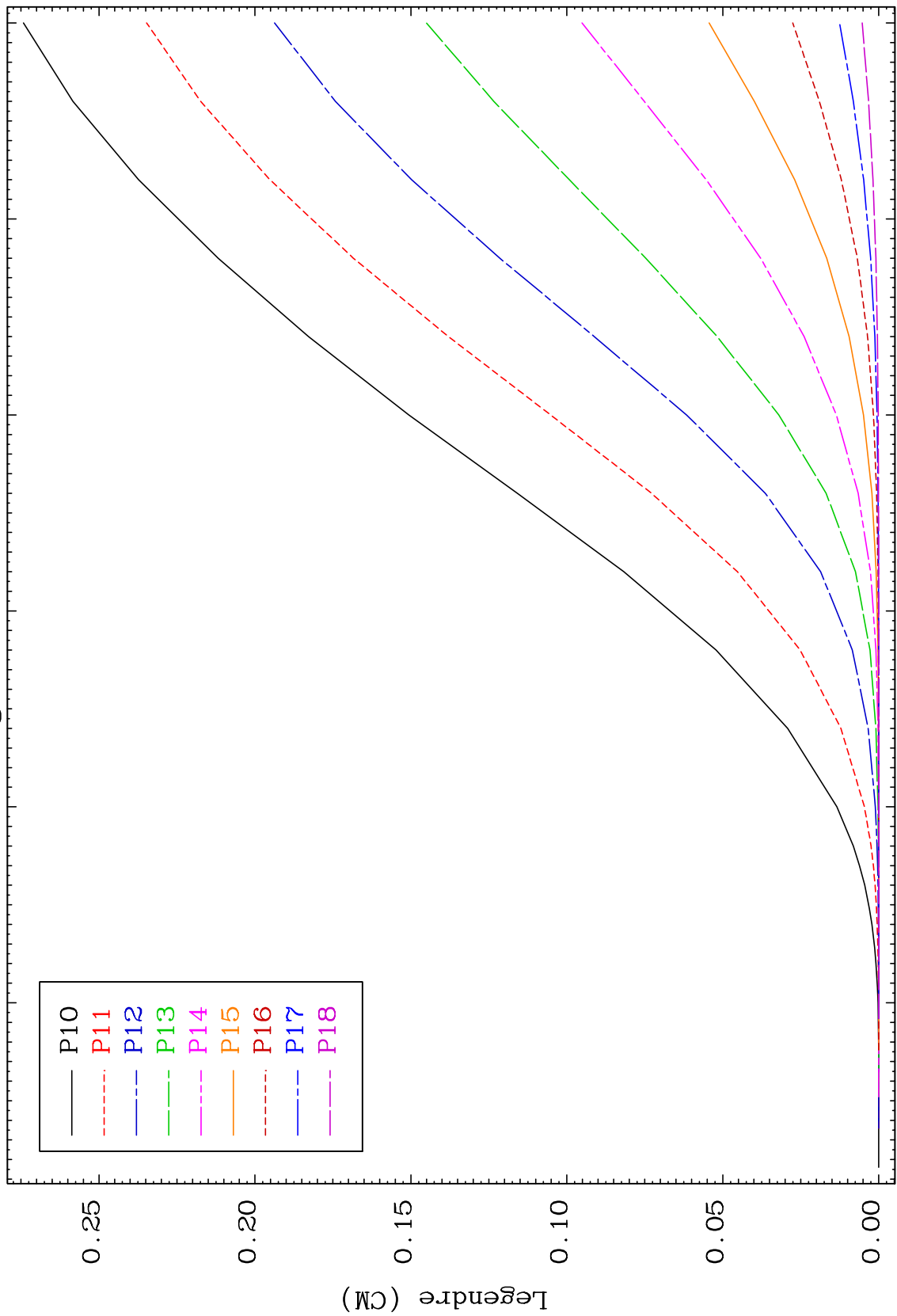
Incident Energy (MeV)

39-Y -90

MAT 3928

Elastic Legendre Coefficients

39-Y -90



17

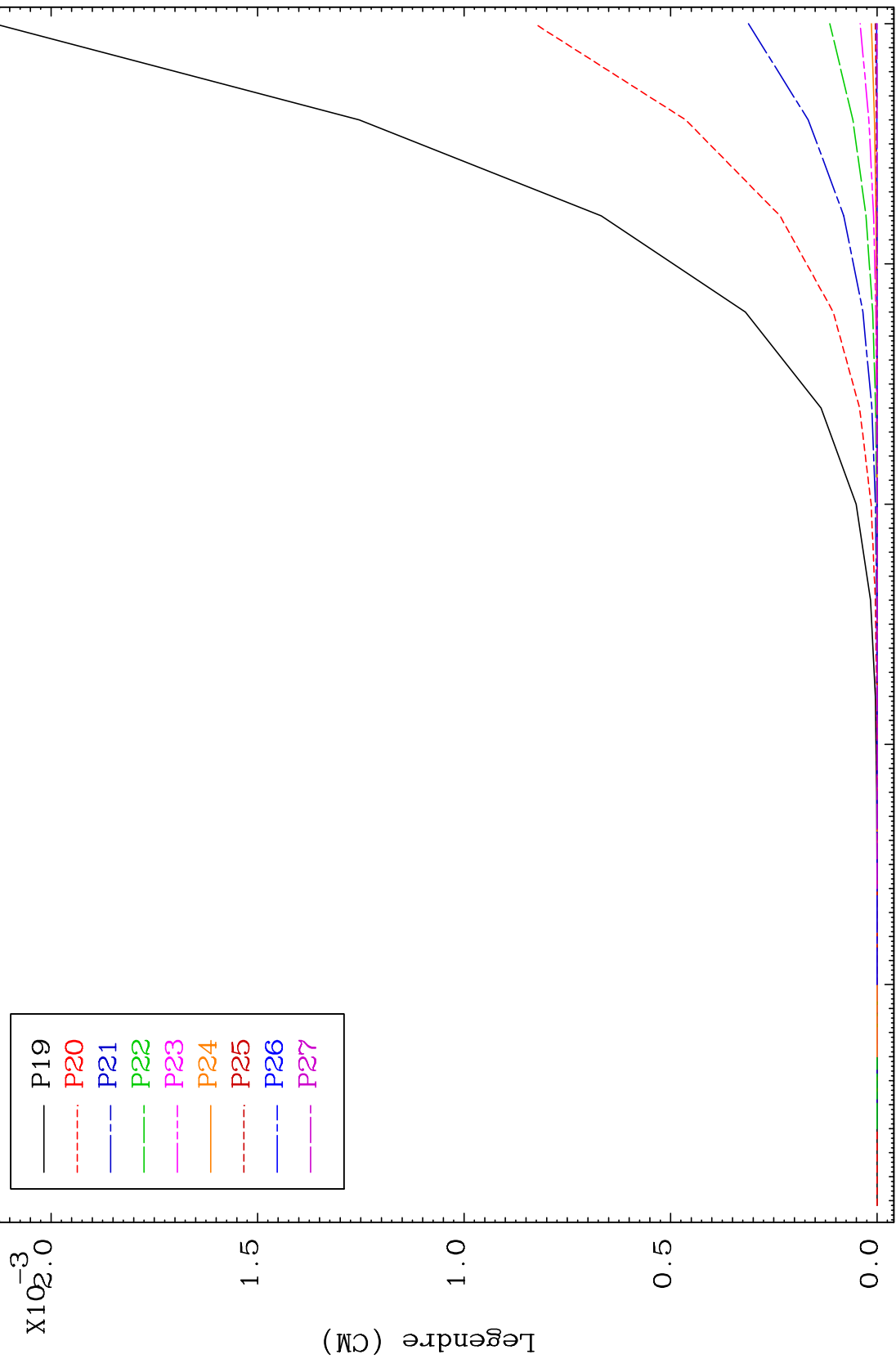
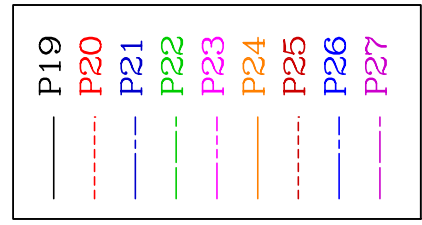
Incident Energy (MeV)

39-Y -90

MAT 3928

Elastic Legendre Coefficients

39-Y -90



18

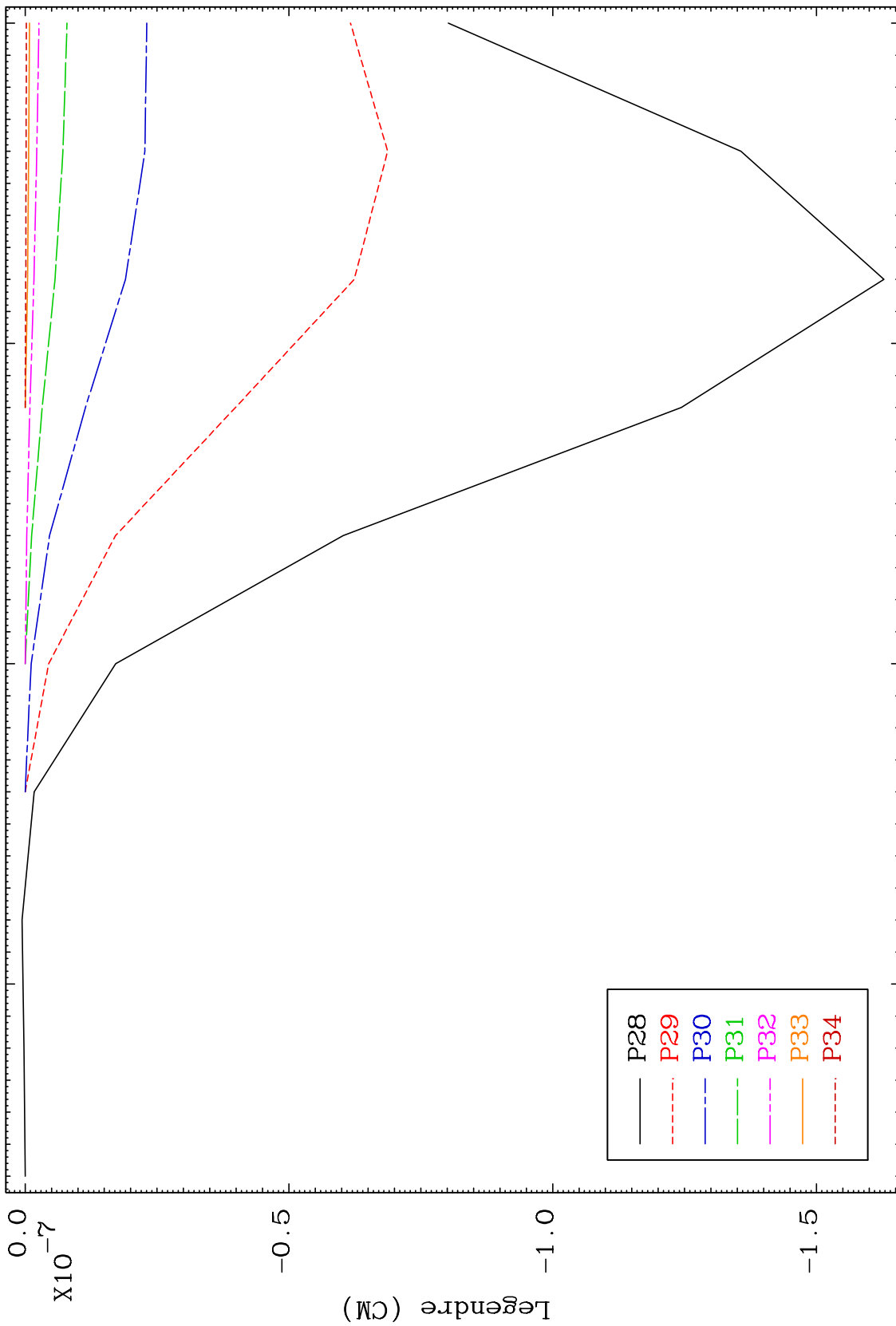
Incident Energy (MeV)

39-Y -90

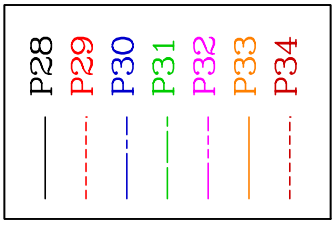
MAT 3928

39-Y -90

Elastic Legendre Coefficients



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



19

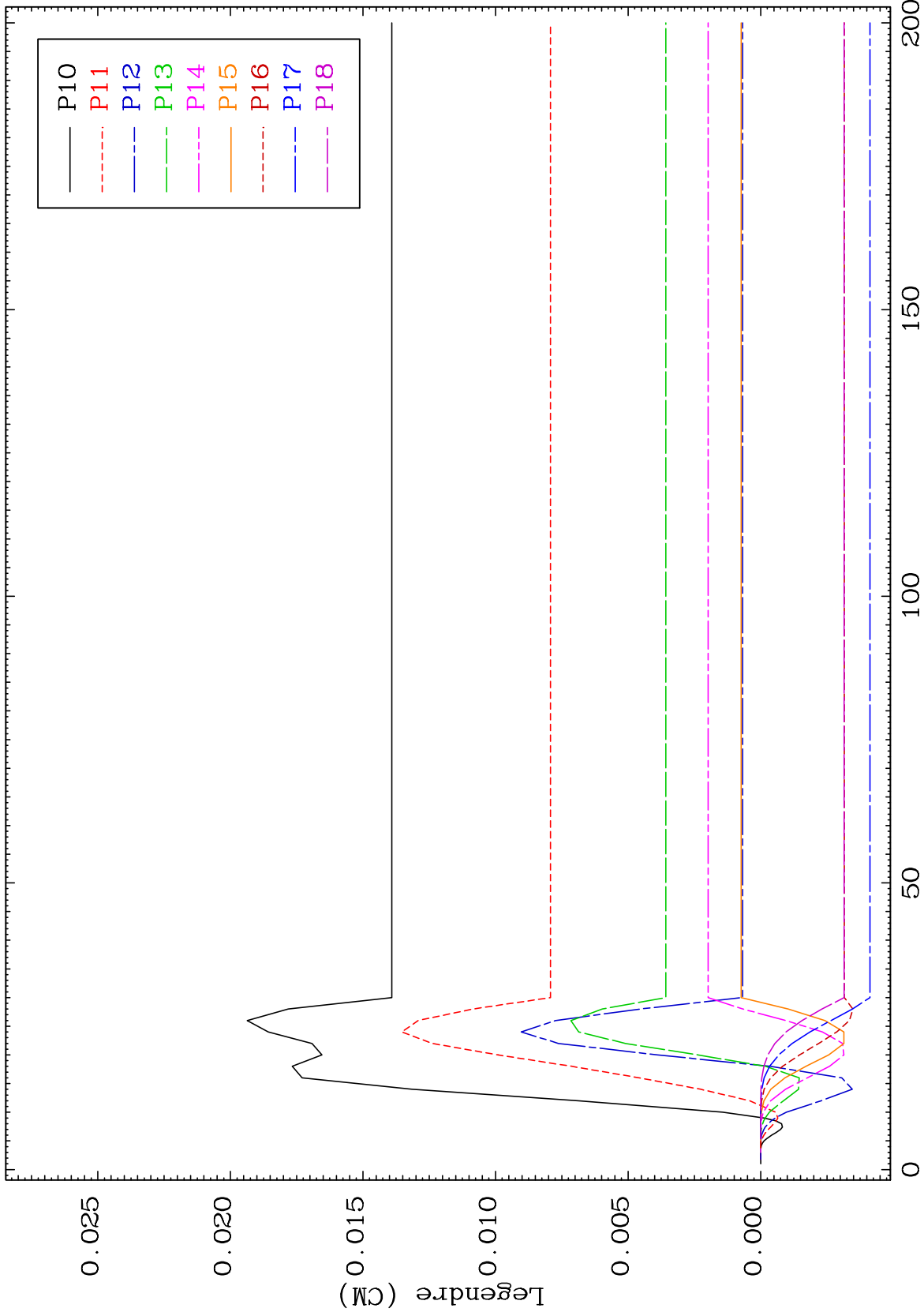
Incident Energy (MeV)

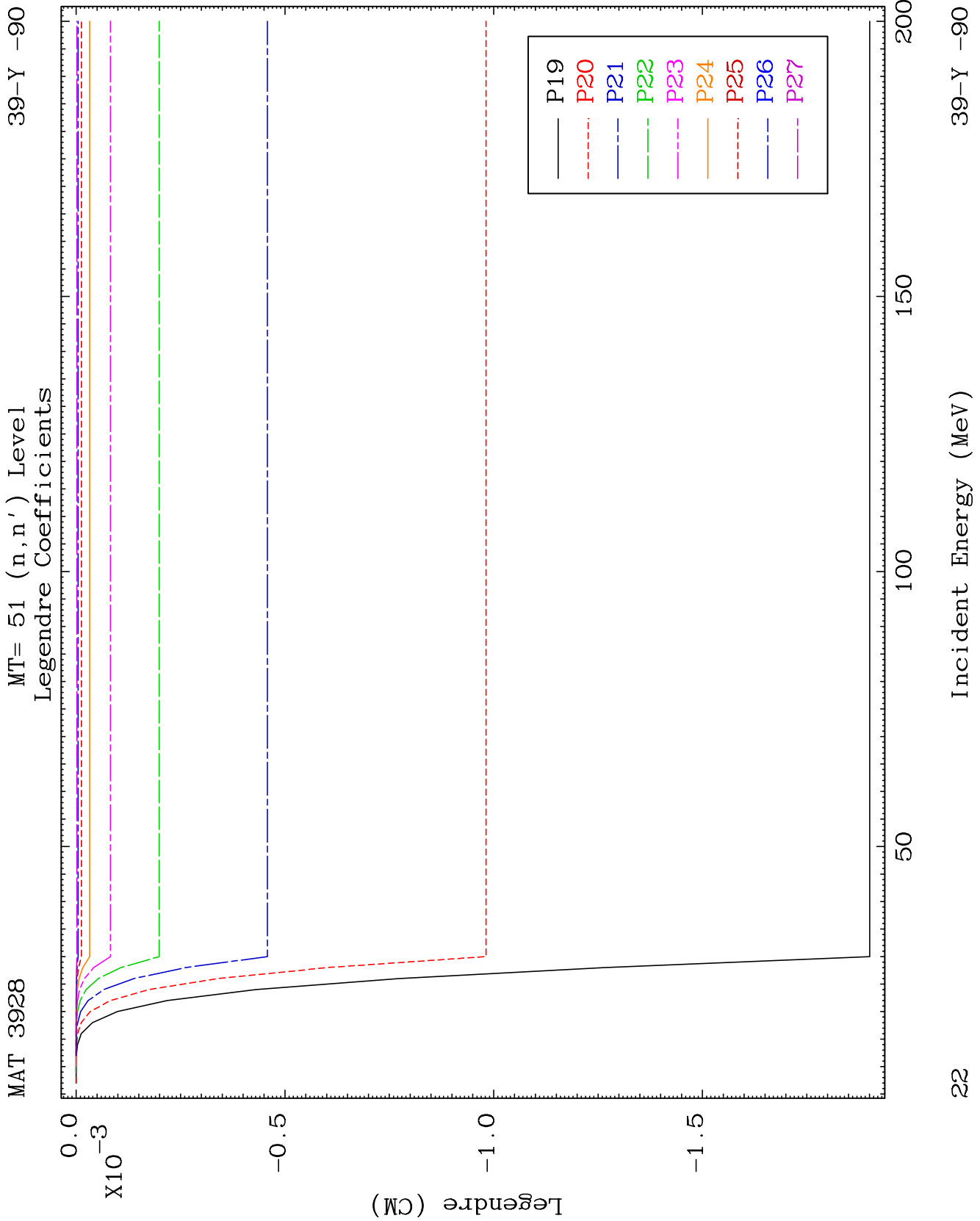
39-Y -90

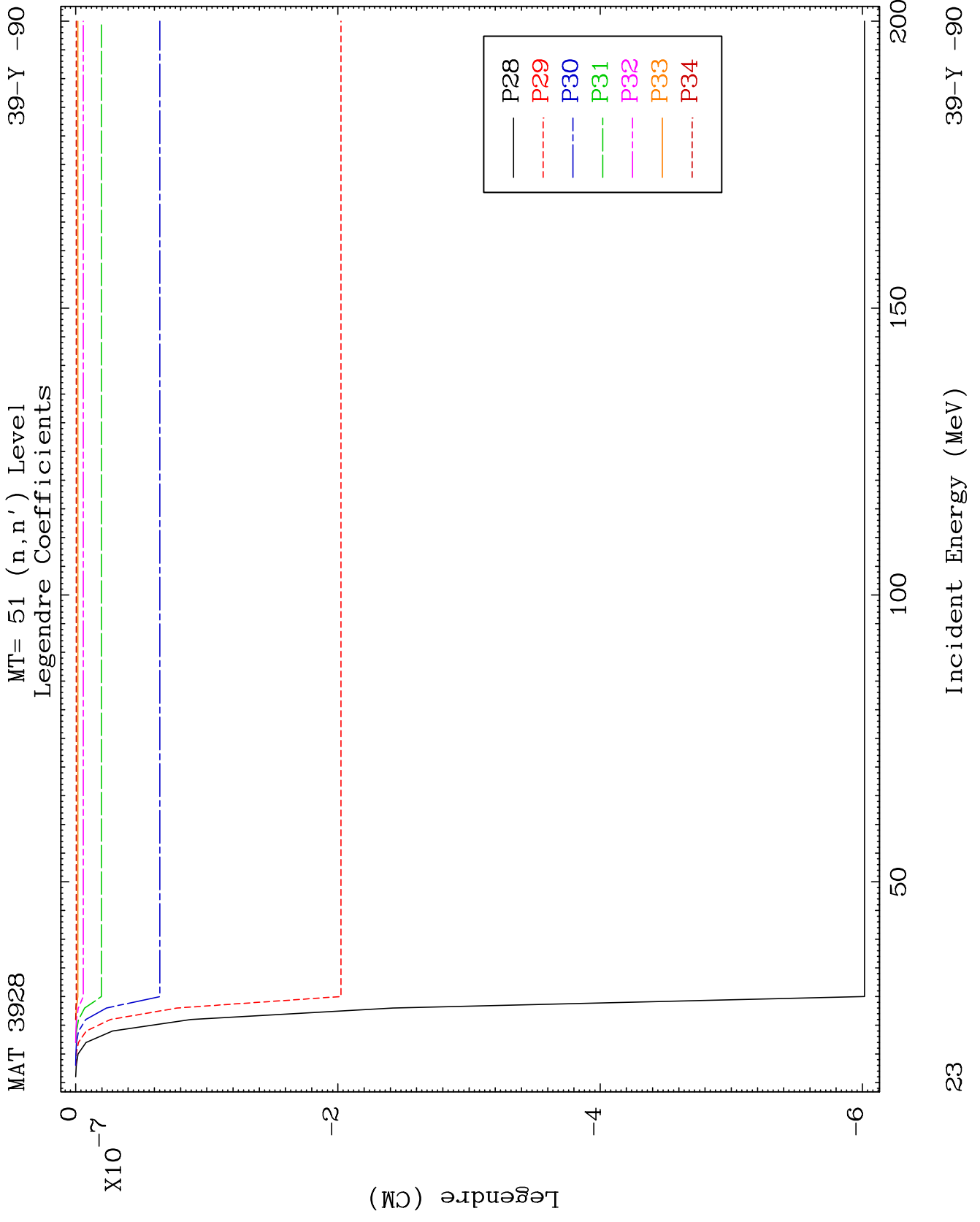
MAT 3928

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

39-Y -90



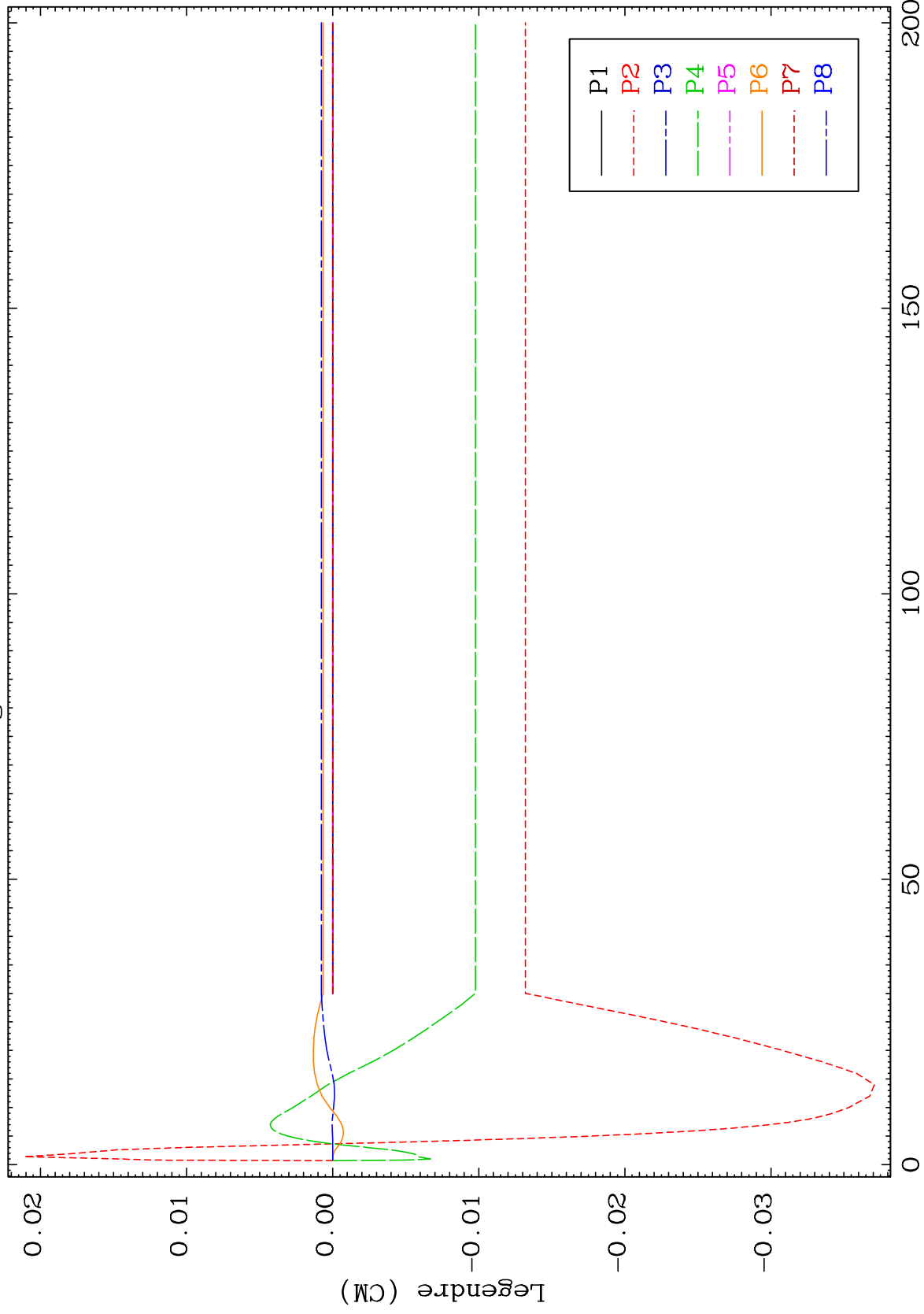




MAT 3928

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

39-Y -90



24

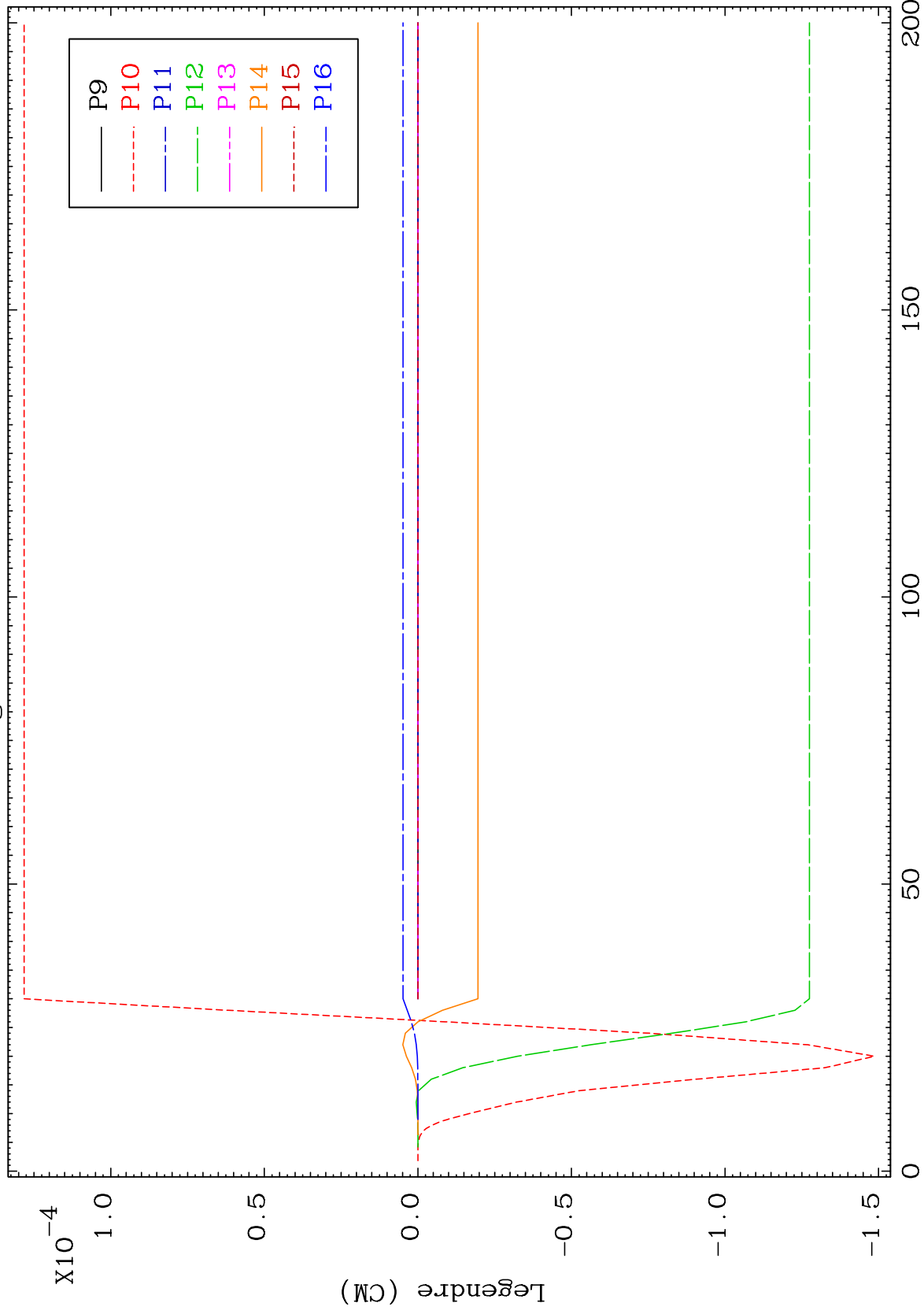
Incident Energy (MeV)

39-Y -90

MAT 3928

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

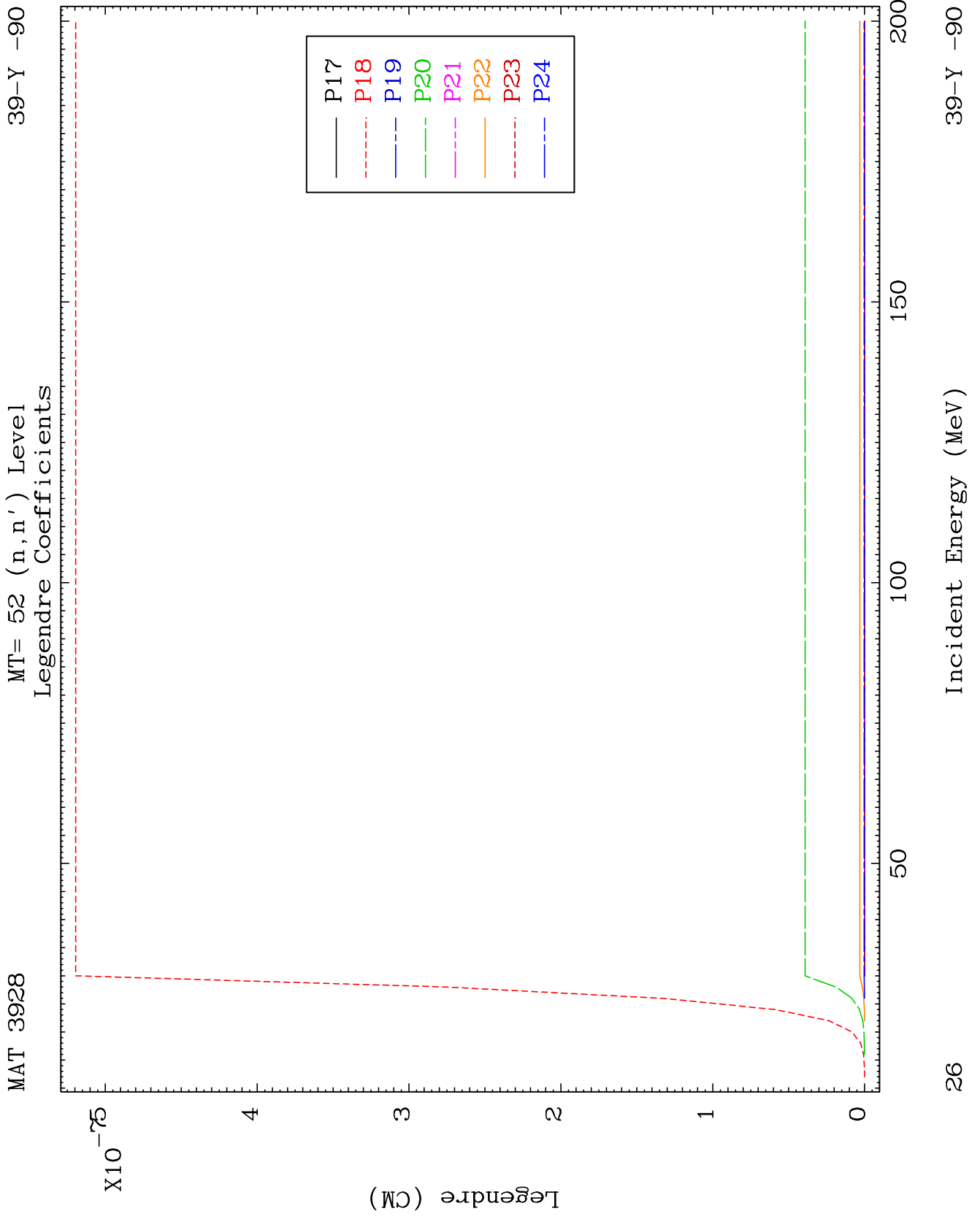
39-Y -90



39-Y -90

Incident Energy (MeV)

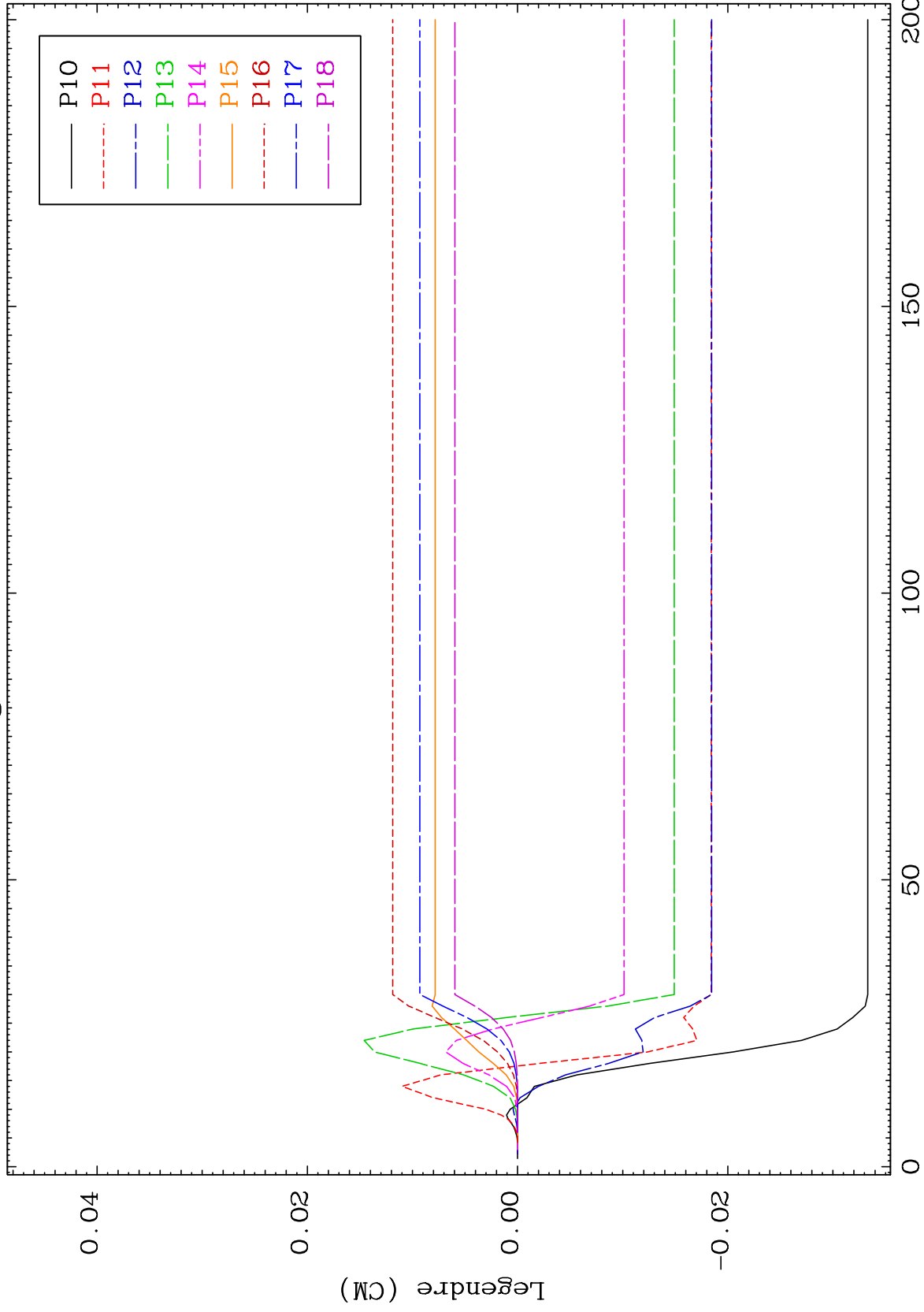
25



MAT 3928

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

39-Y -90



28

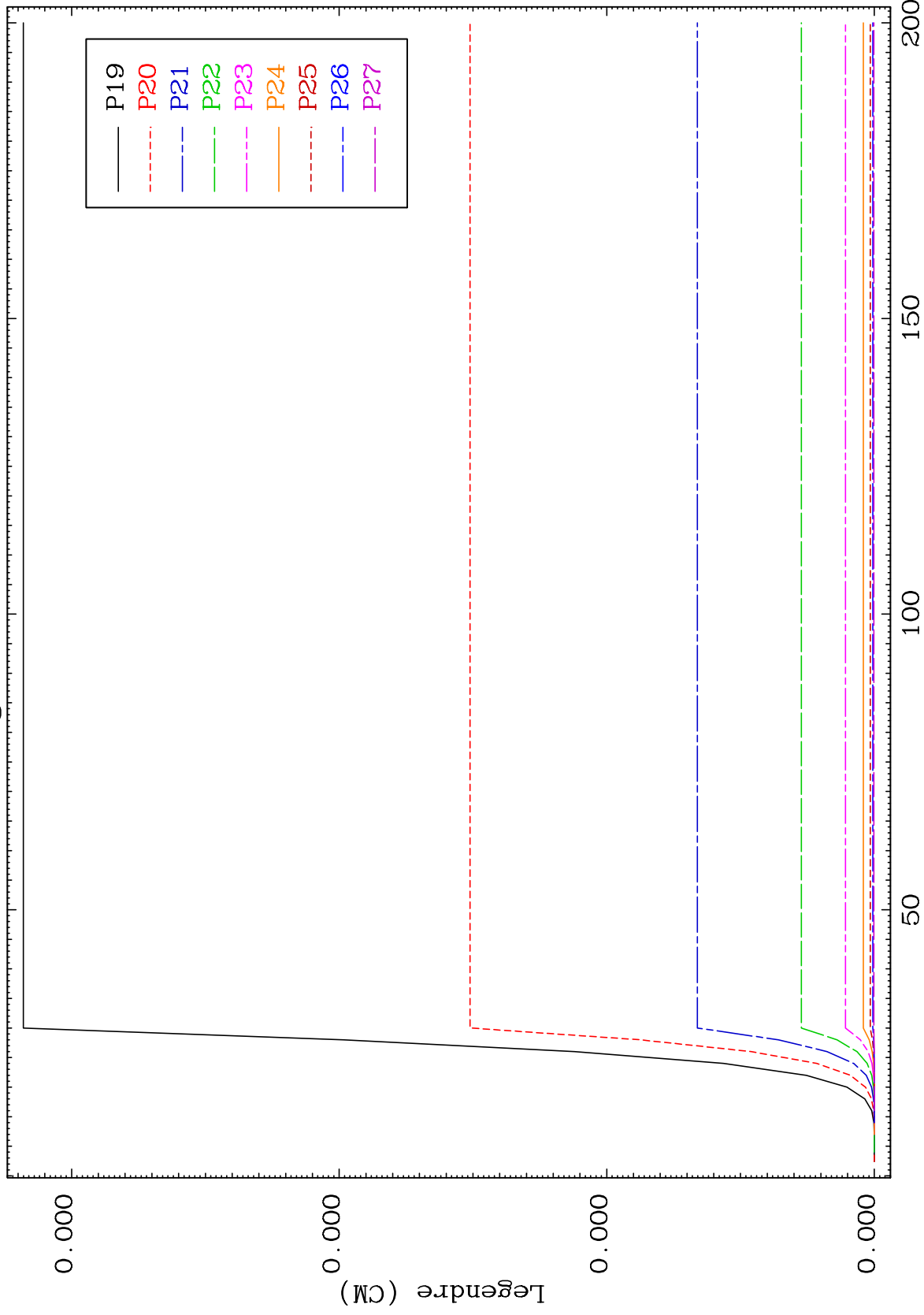
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



29

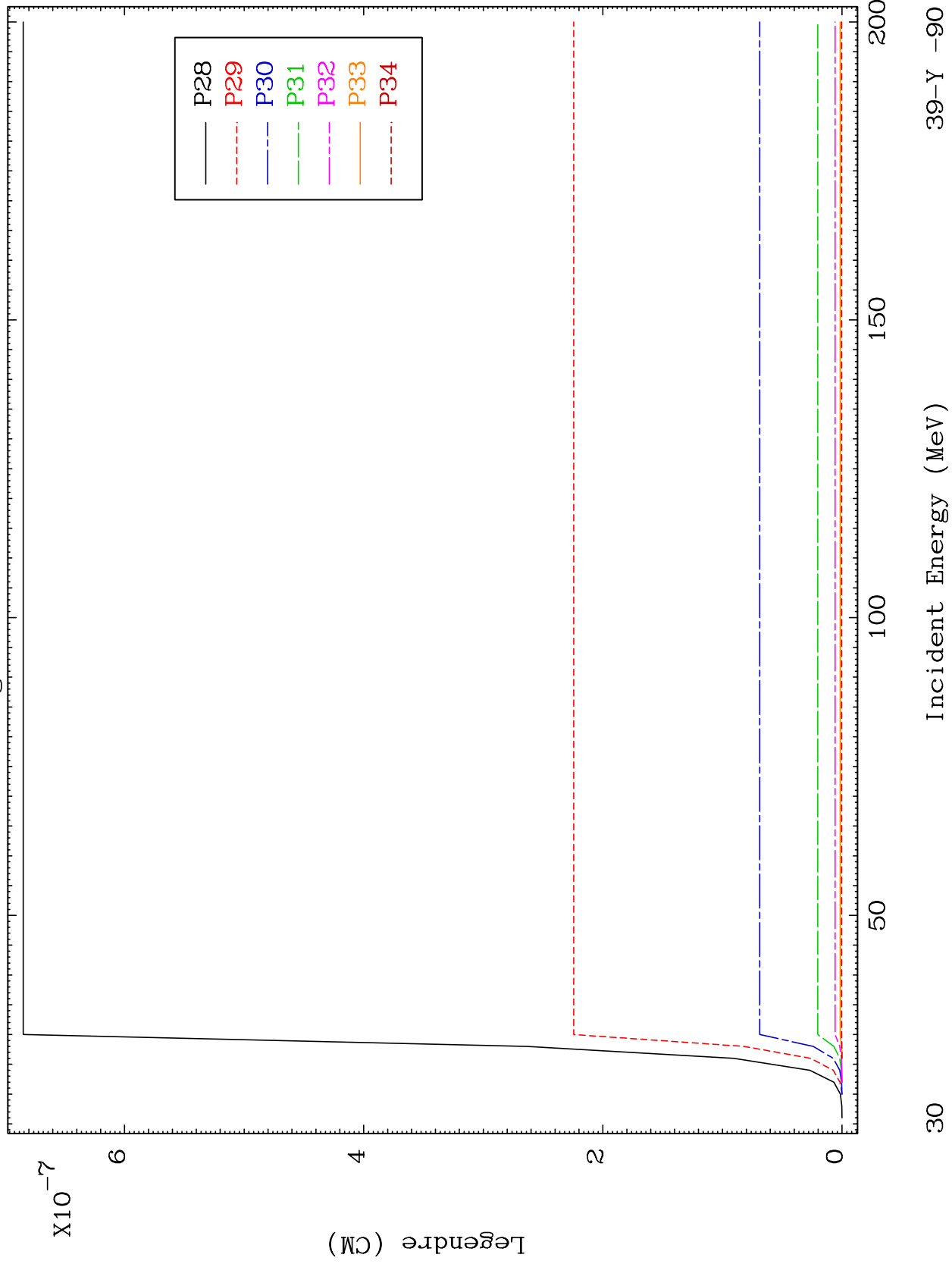
Incident Energy (MeV)

39-Y -90

MAT 3928

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

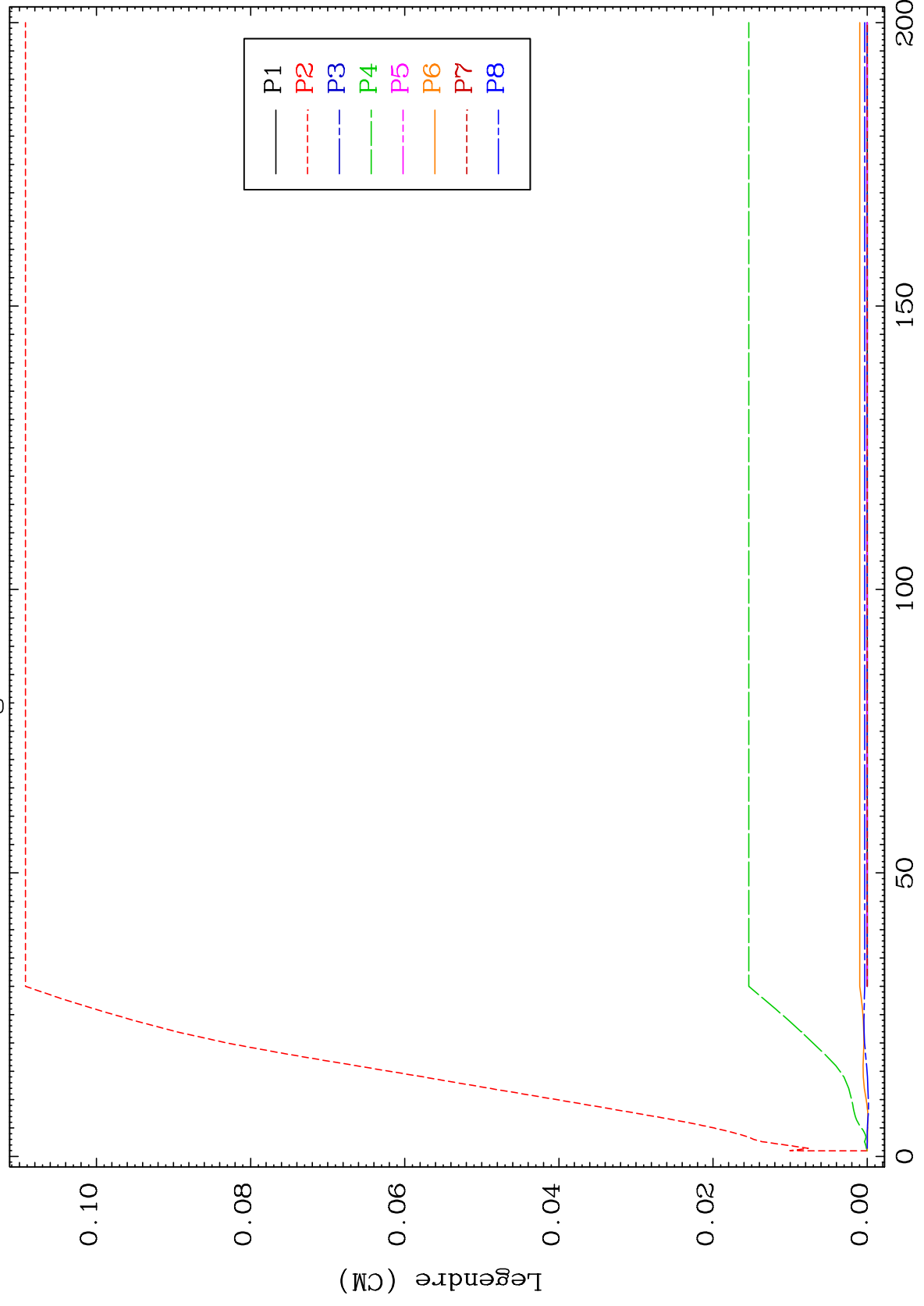
39-Y -90



MAT 3928

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

39-Y -90



31

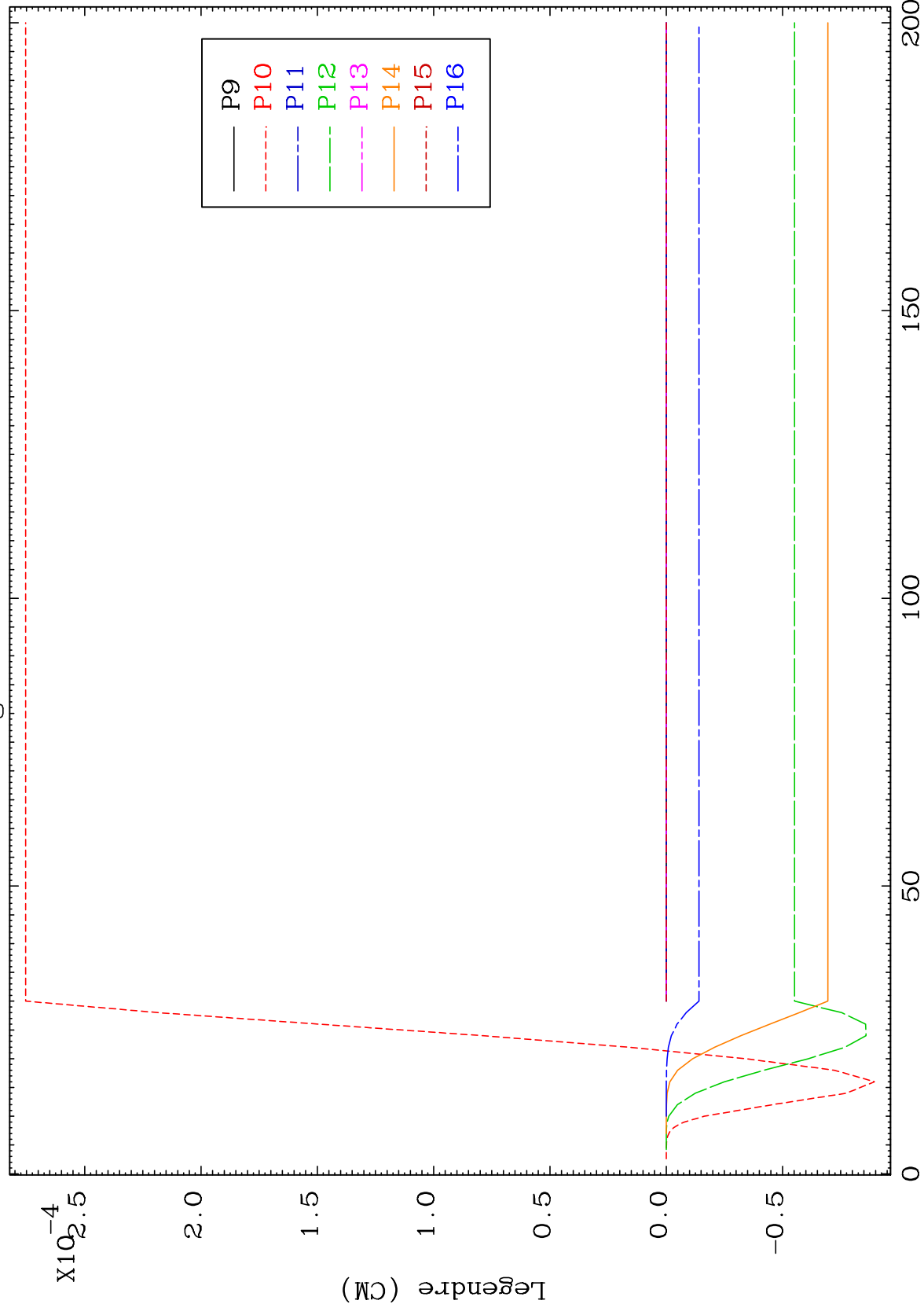
Incident Energy (MeV)

39-Y -90

MAT 3928

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

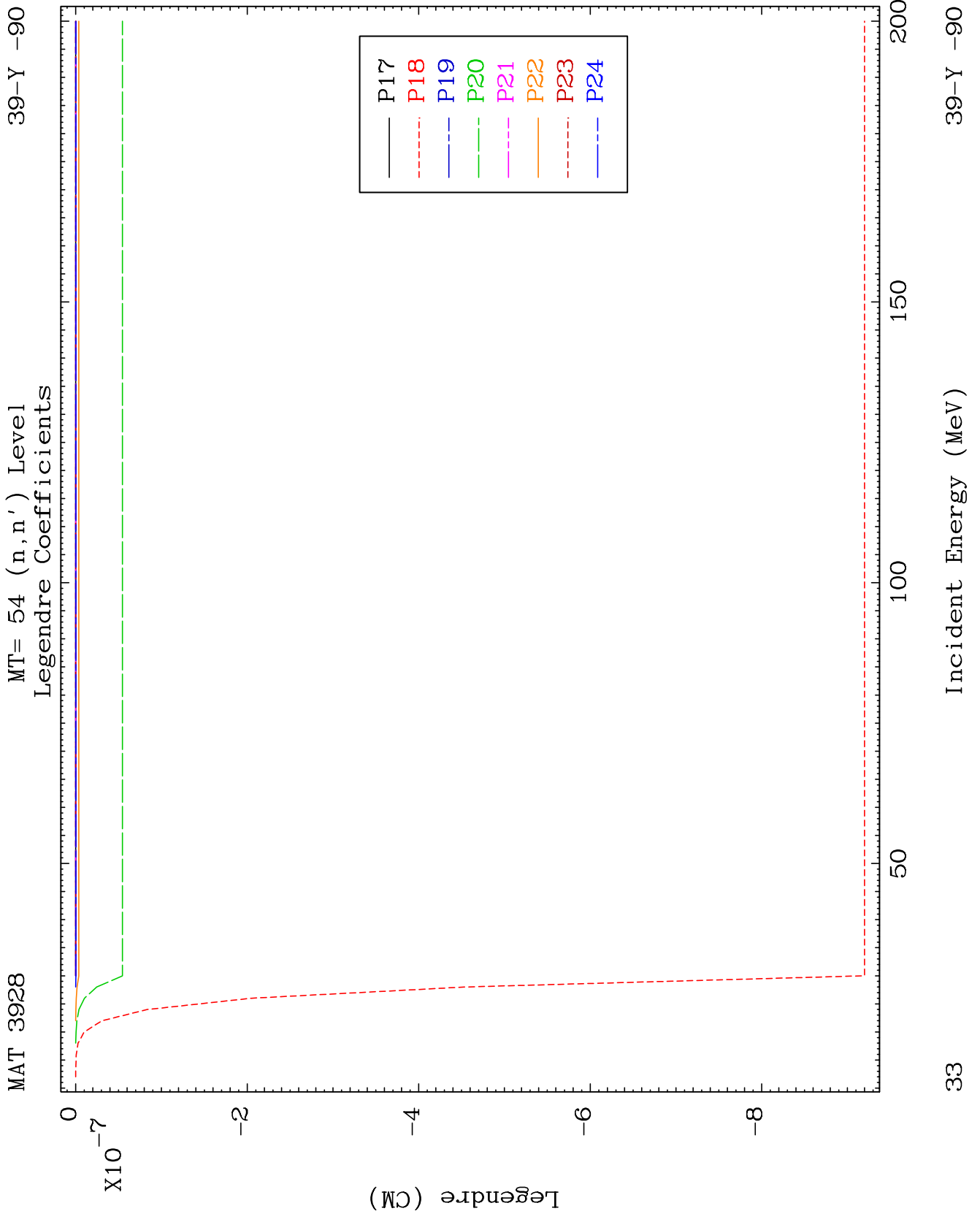
39-Y -90

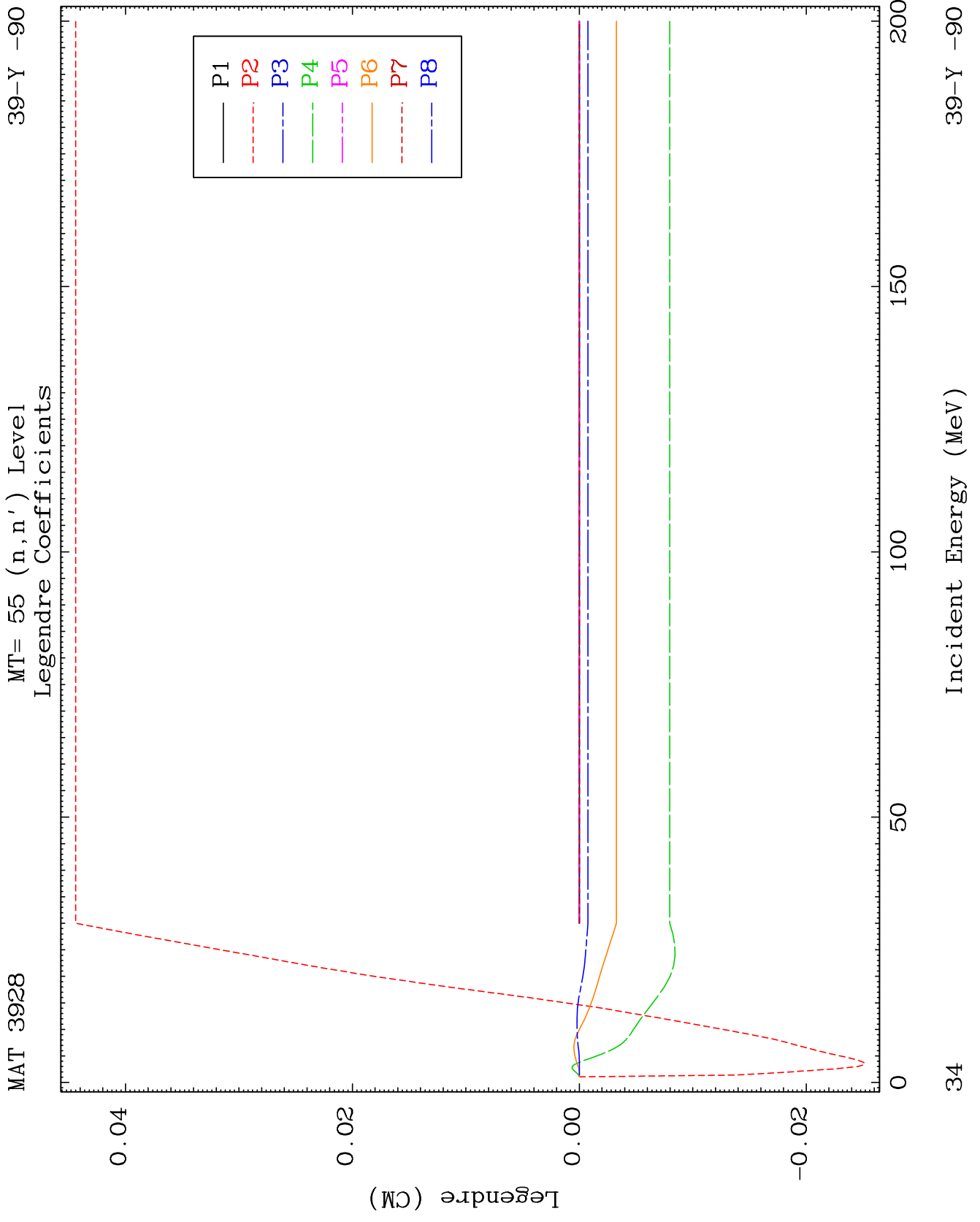


32

Incident Energy (MeV)

39-Y -90

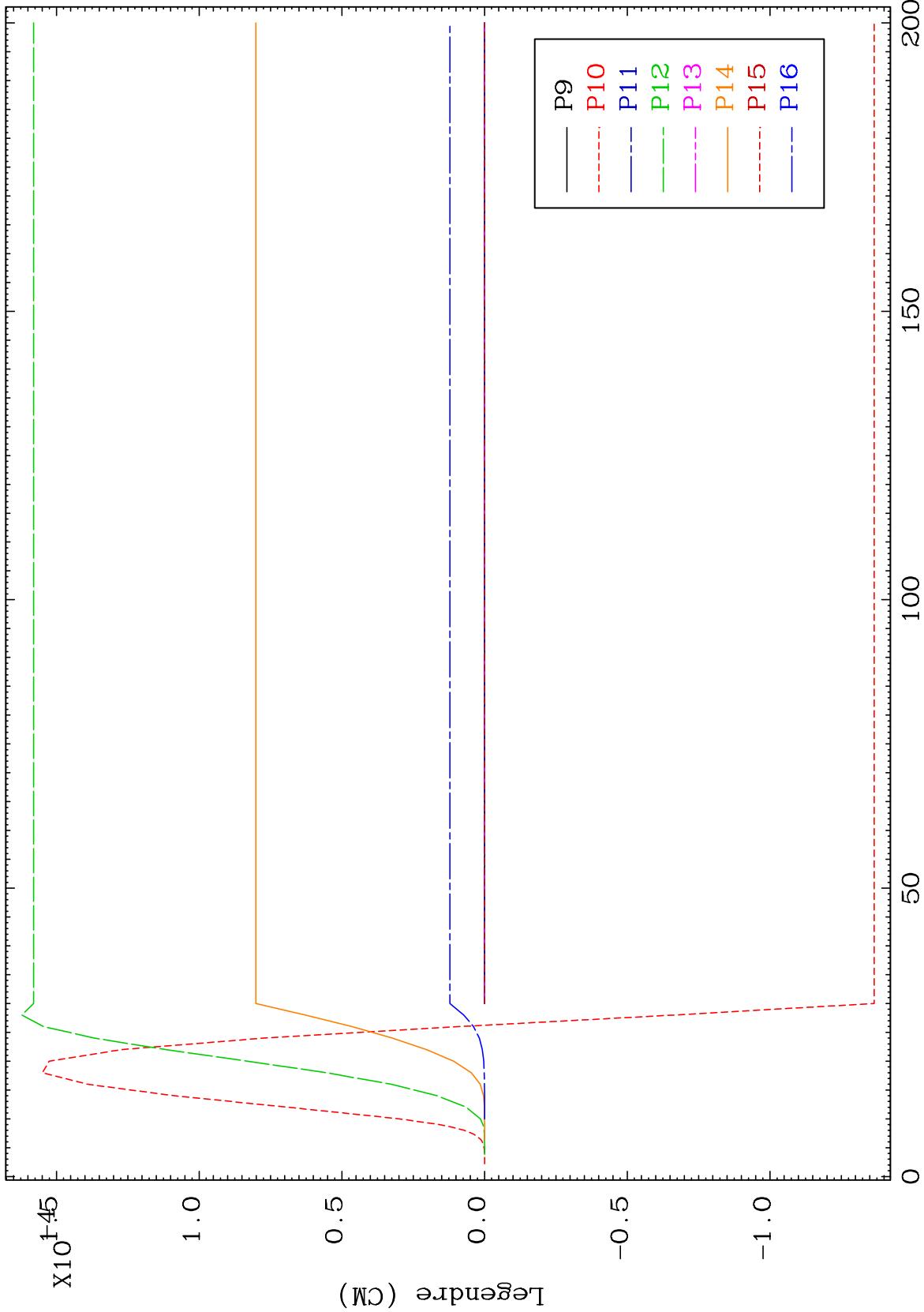




MAT 3928

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

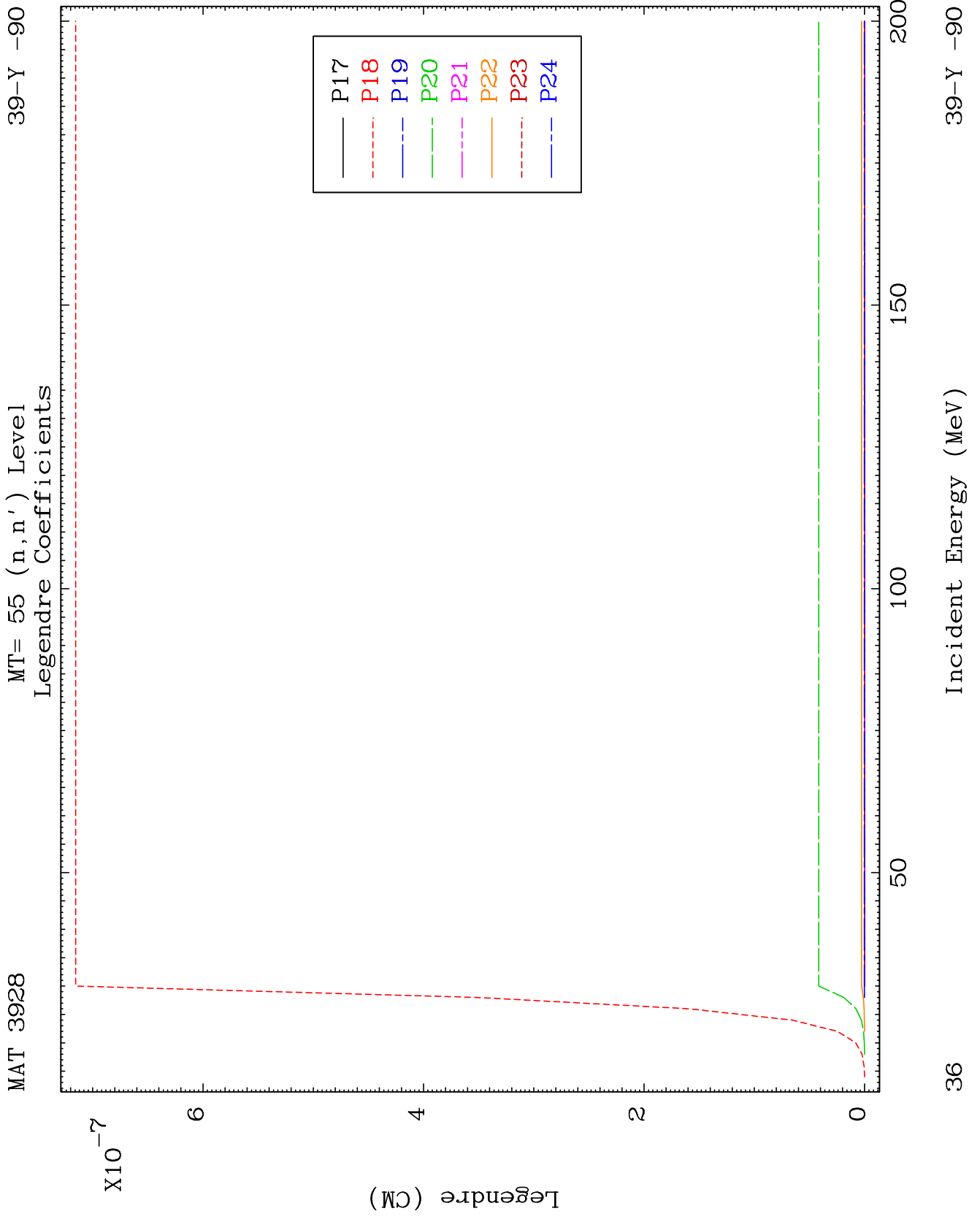
39-Y -90



35

Incident Energy (MeV)

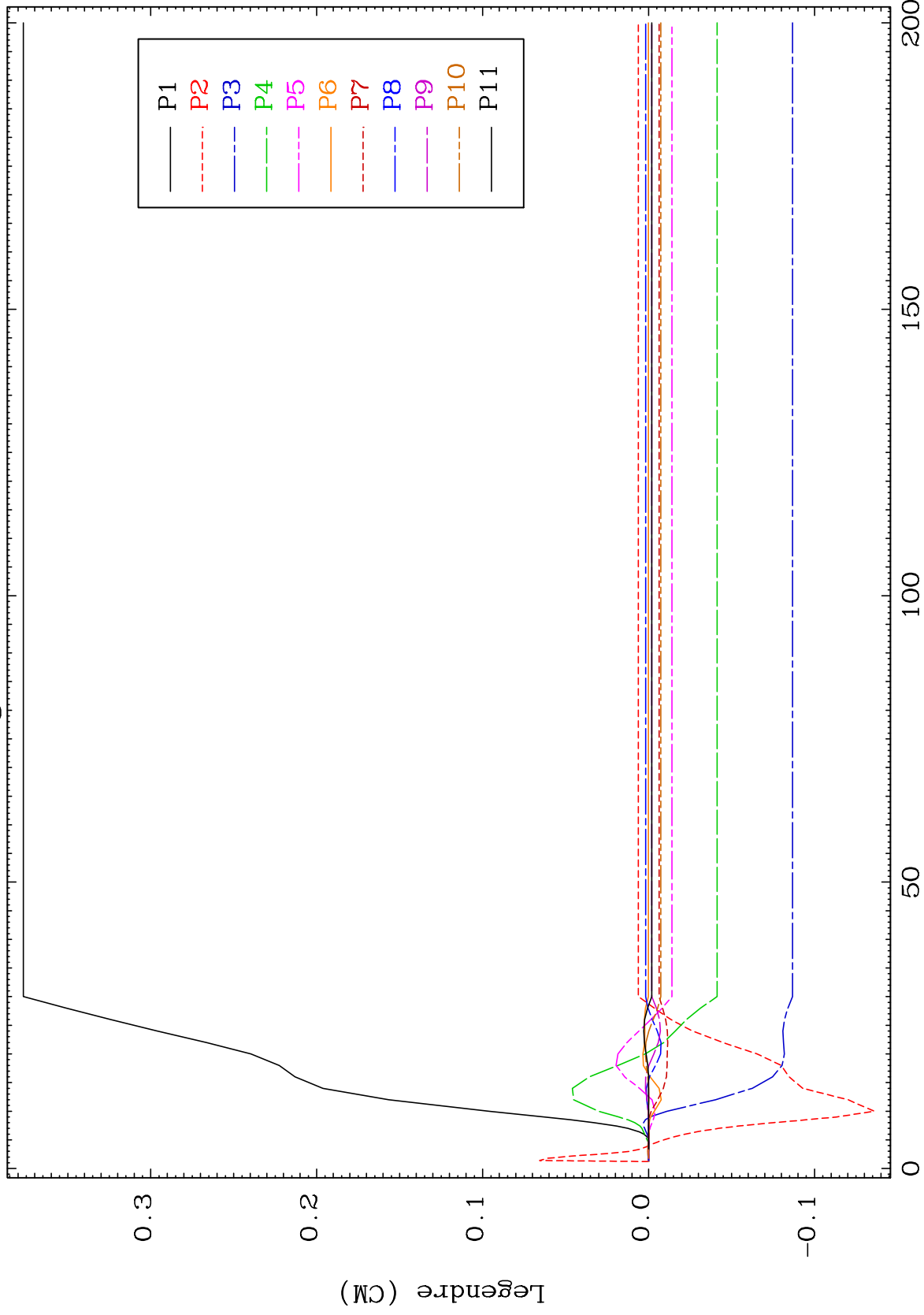
39-Y -90



MAT 3928

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

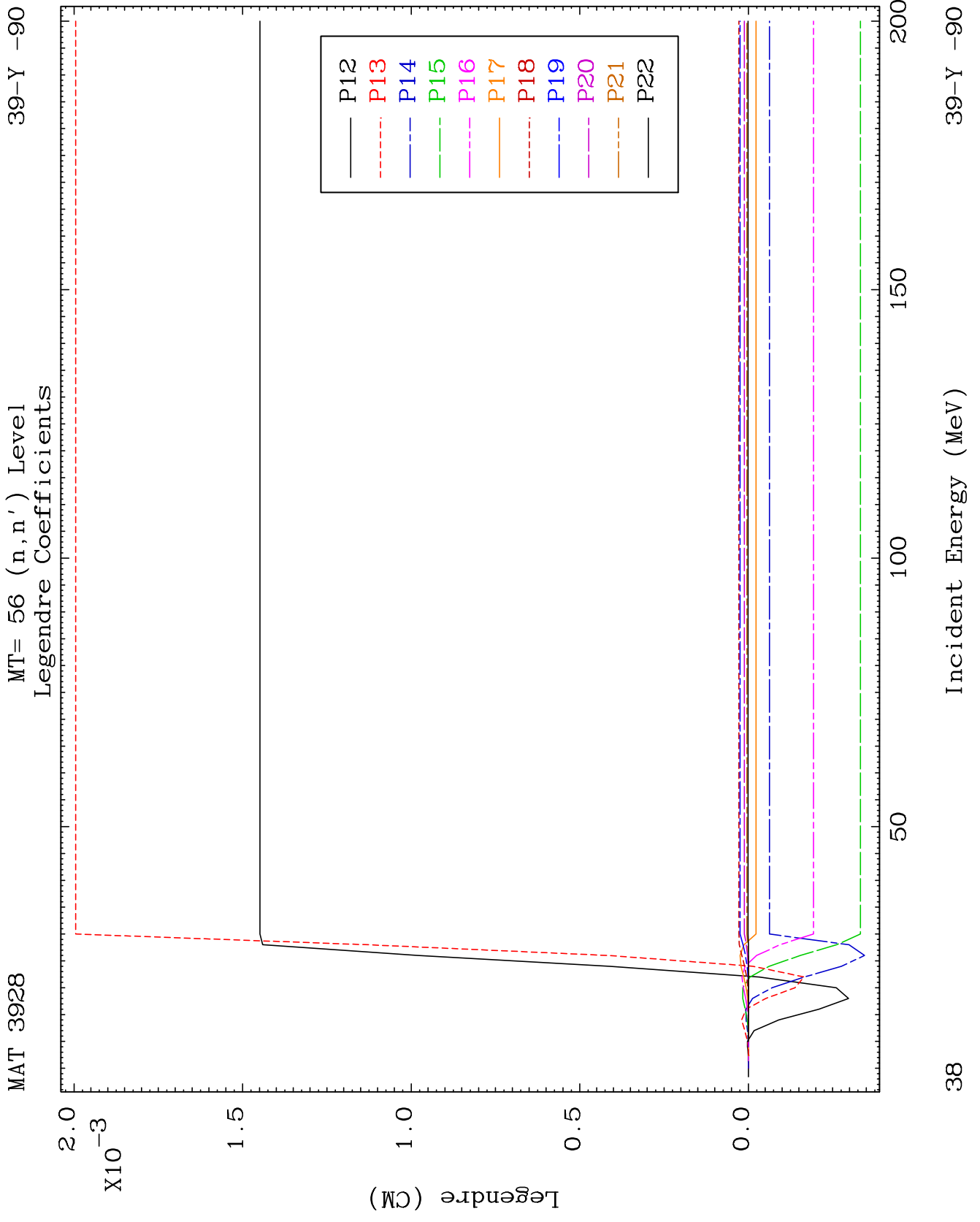
39-Y -90



37

Incident Energy (MeV)

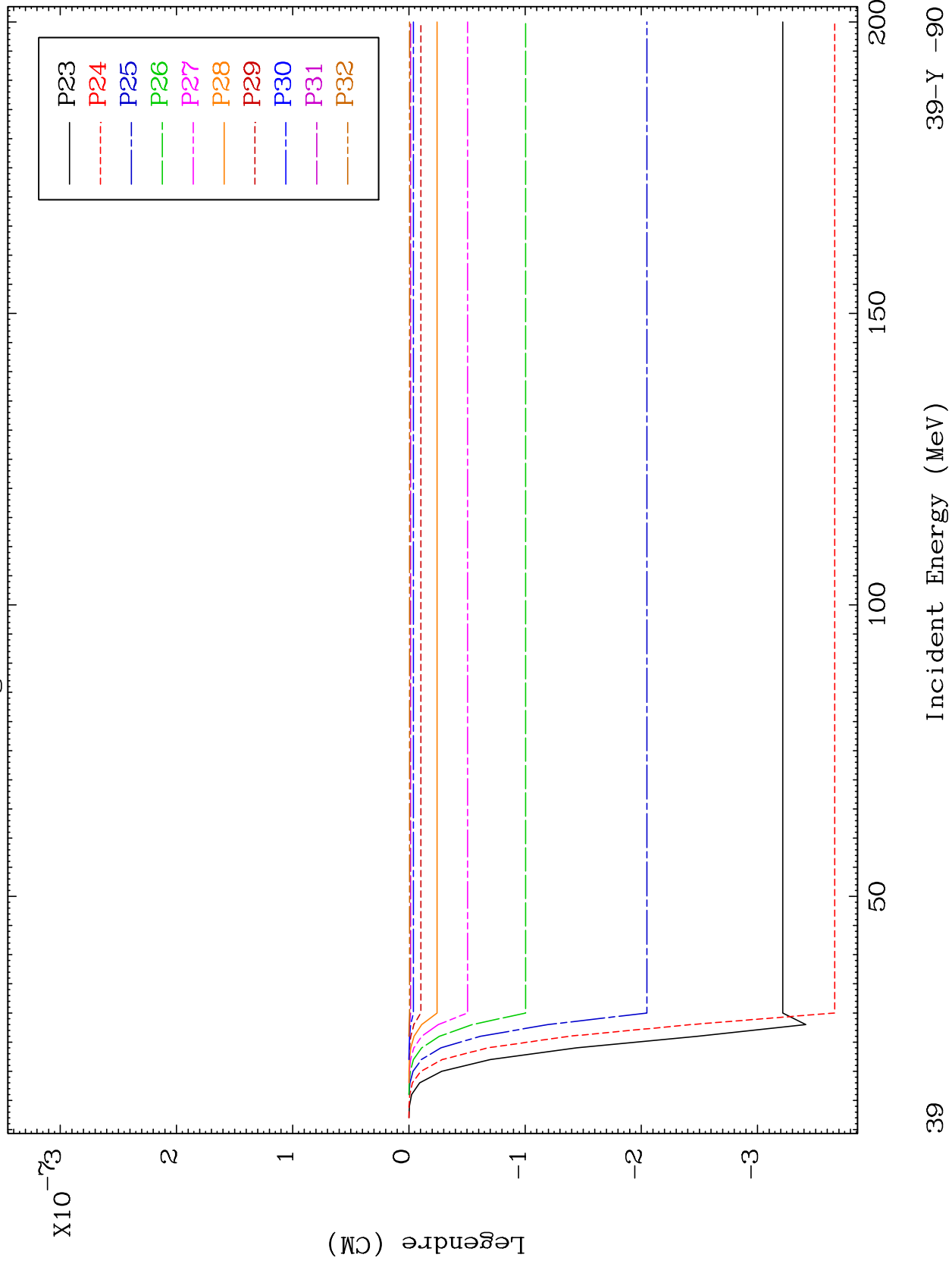
39-Y -90

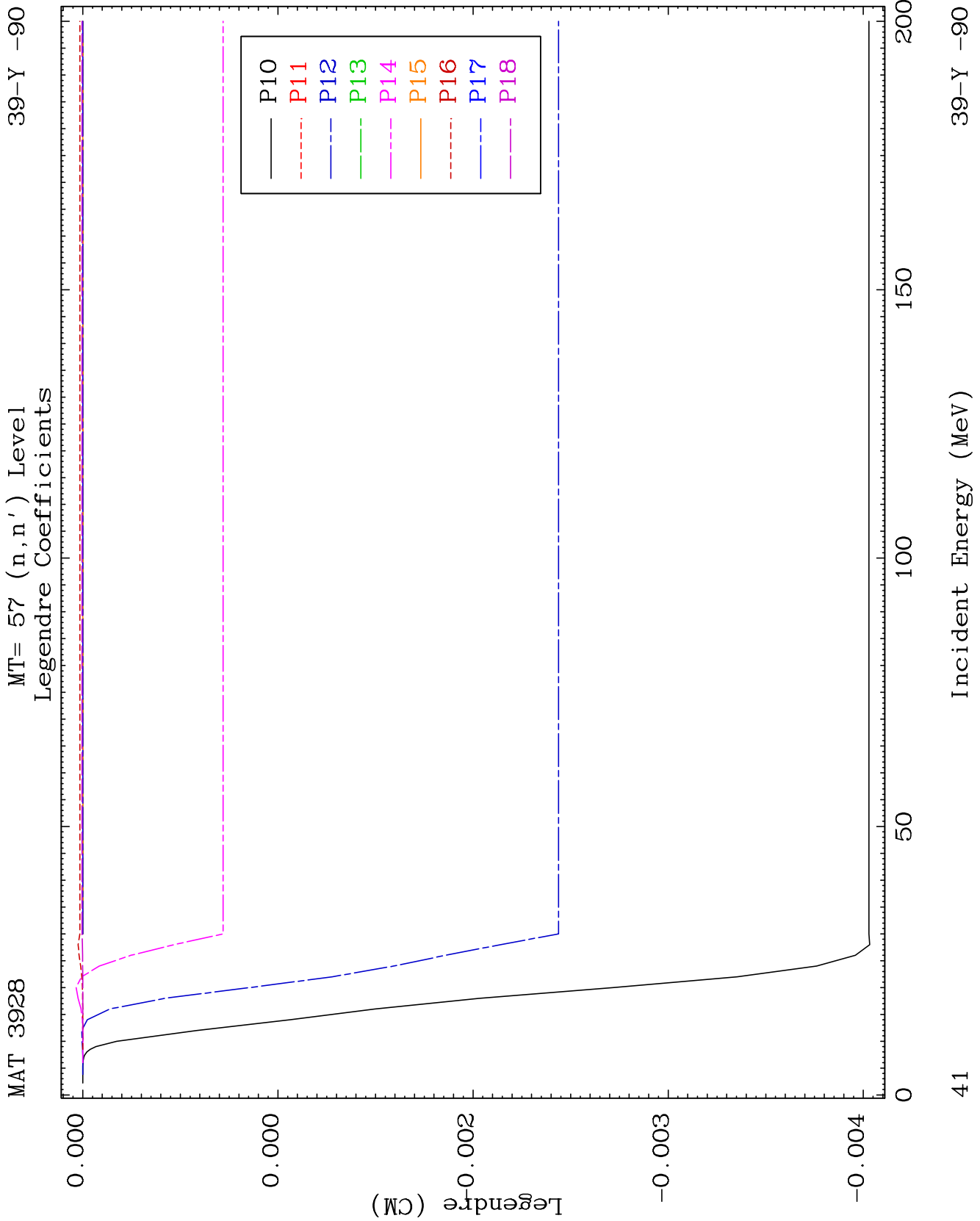


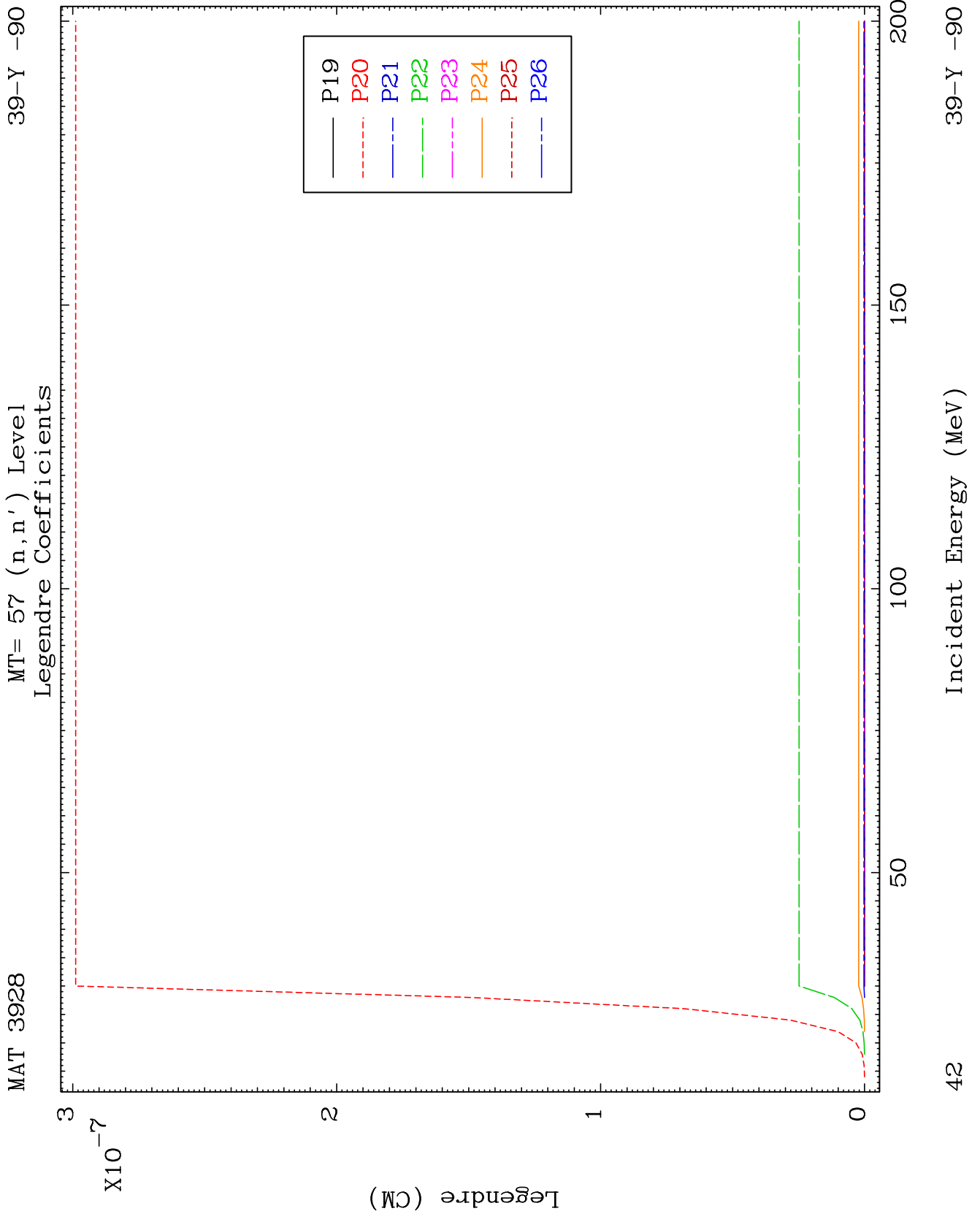
MAT 3928

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

39-Y -90



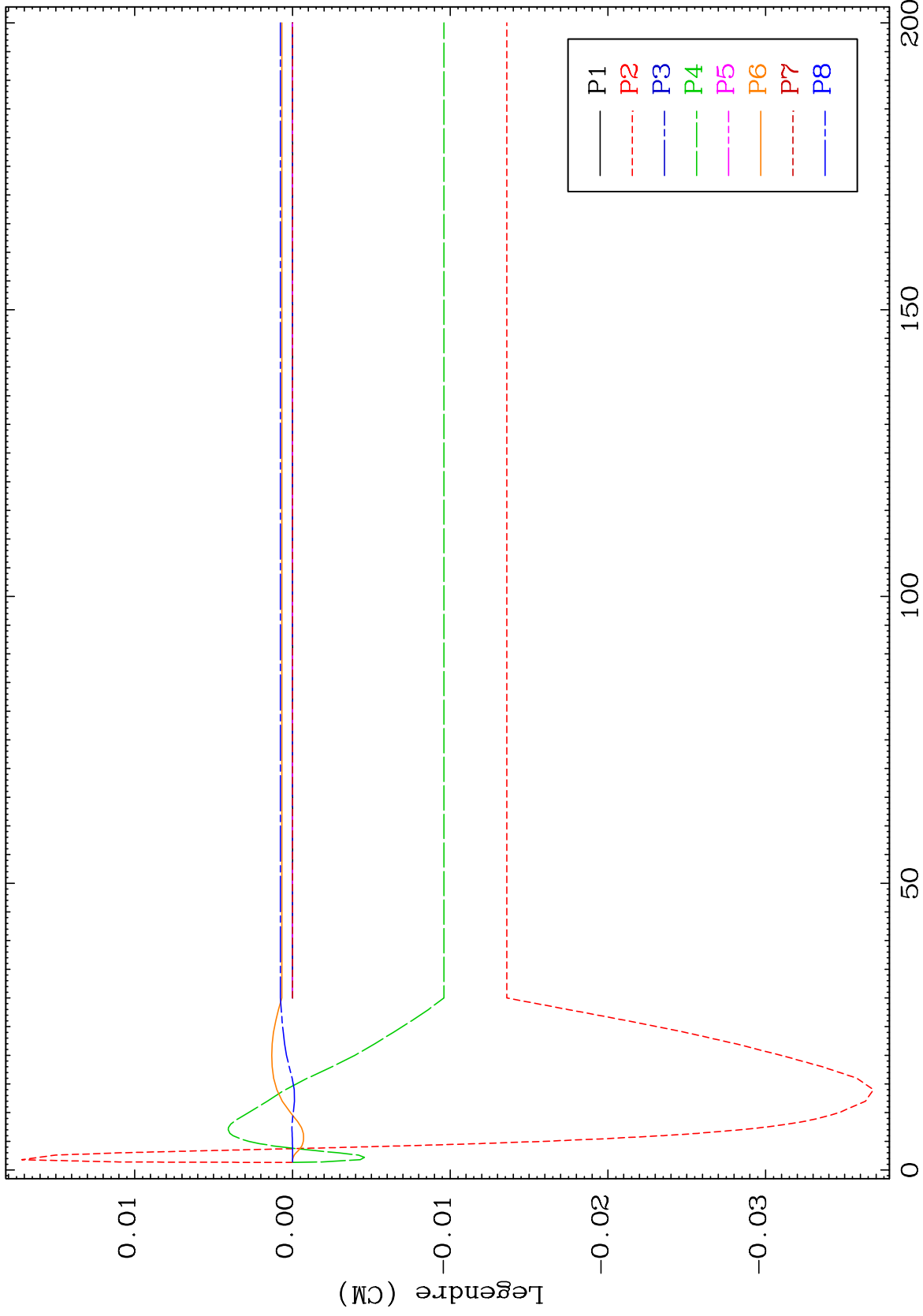




MAT 3928

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

39-Y -90



43

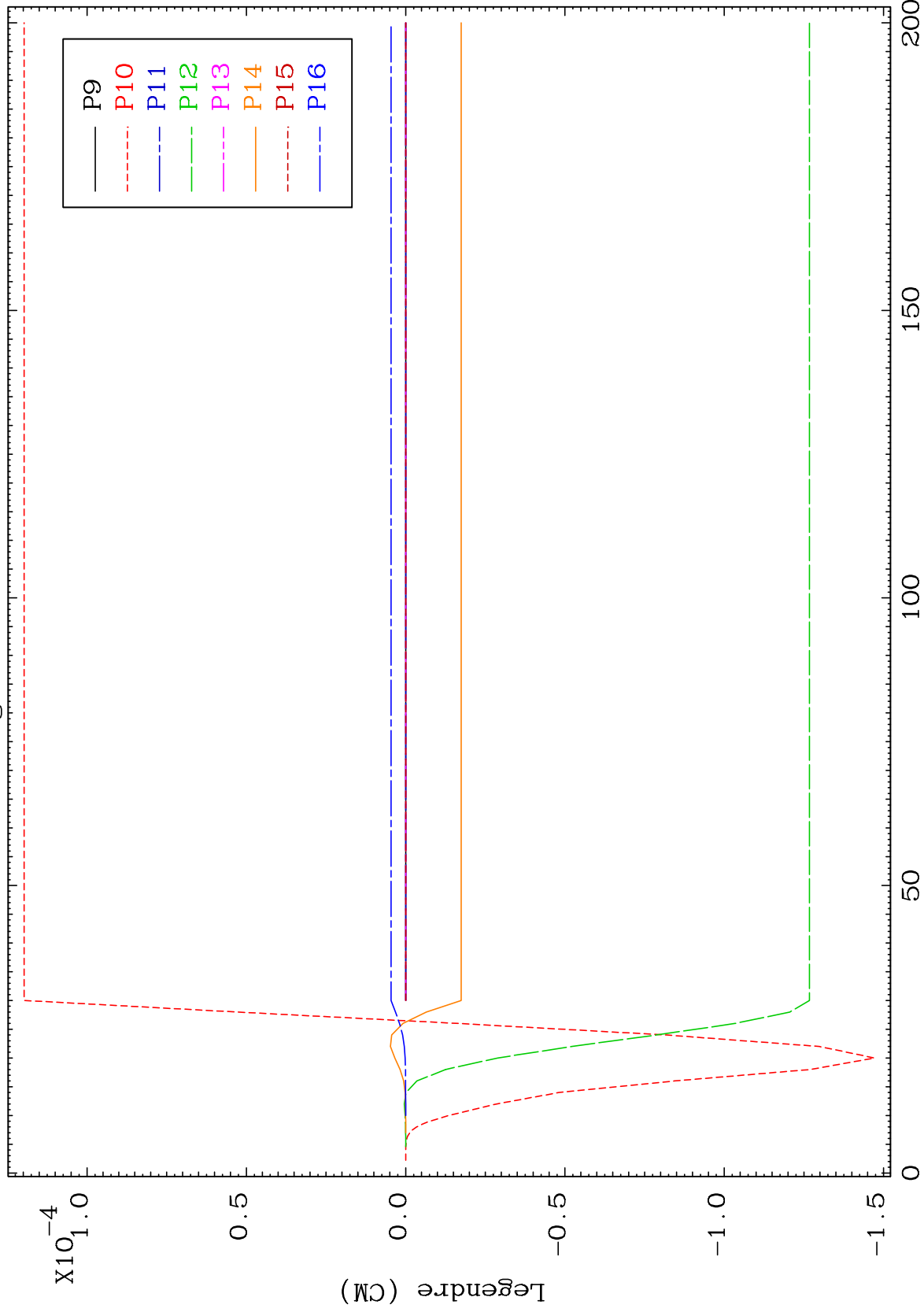
Incident Energy (MeV)

39-Y -90

MAT 3928

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

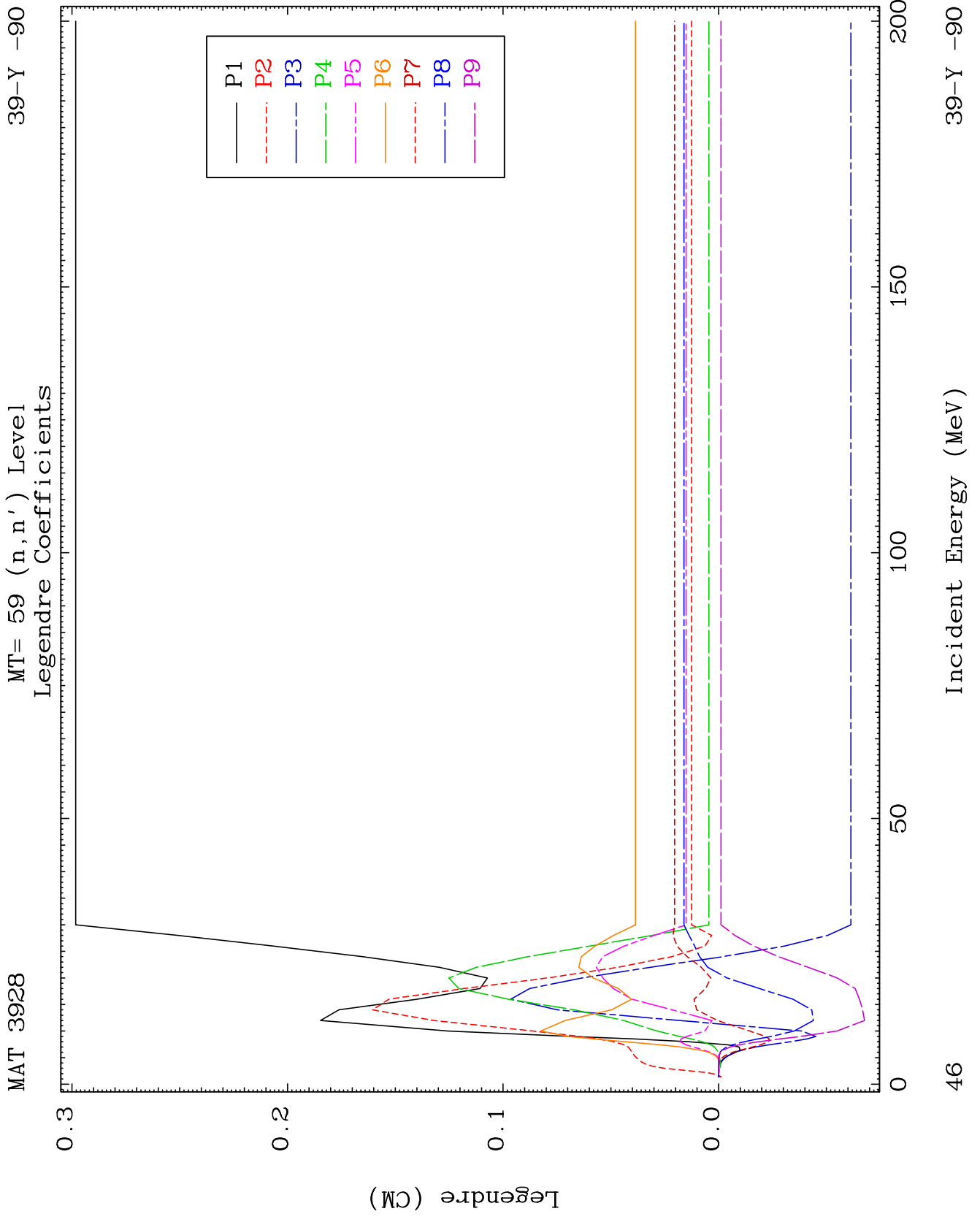
39-Y -90



44

Incident Energy (MeV)

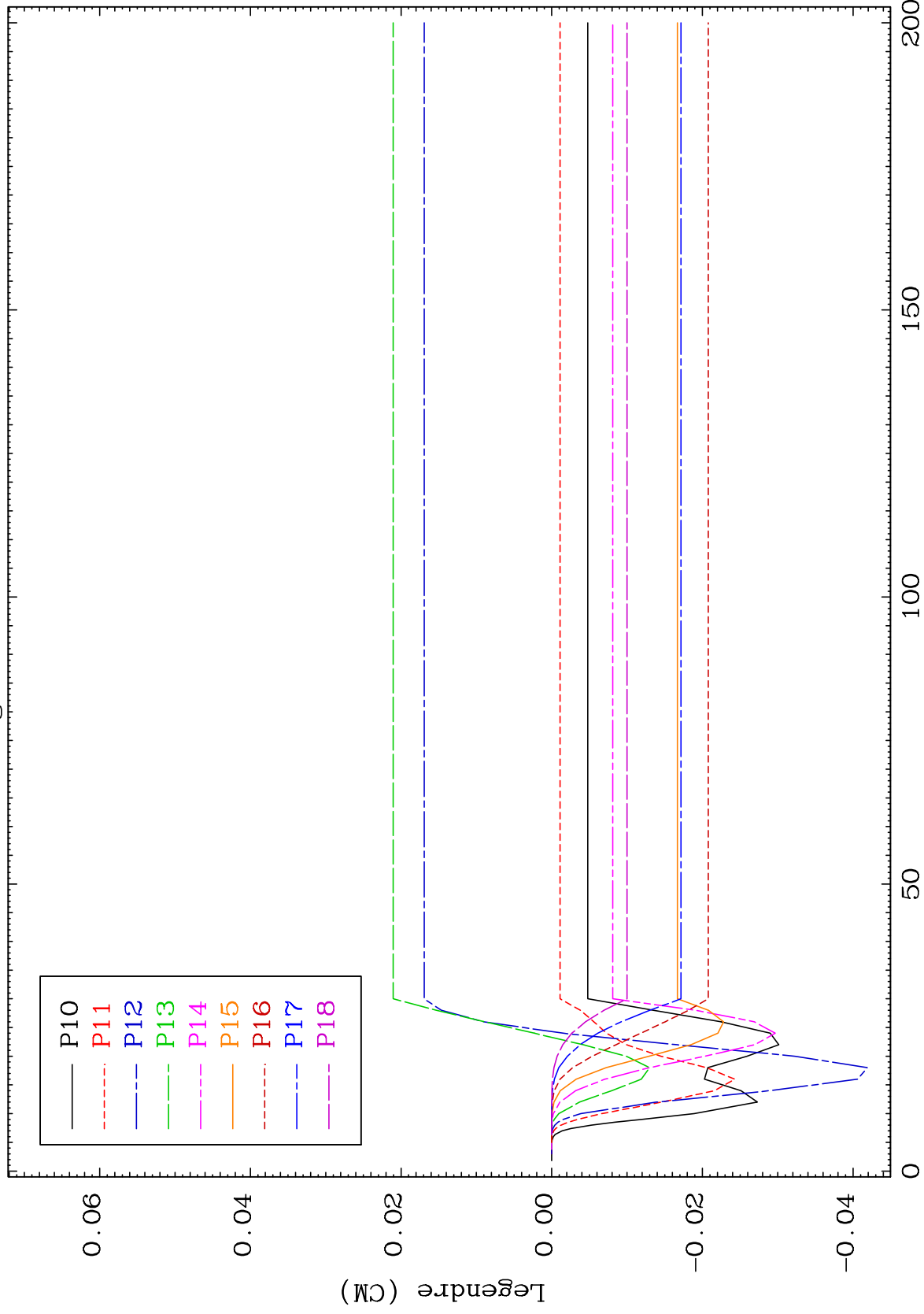
39-Y -90



MAT 3928

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

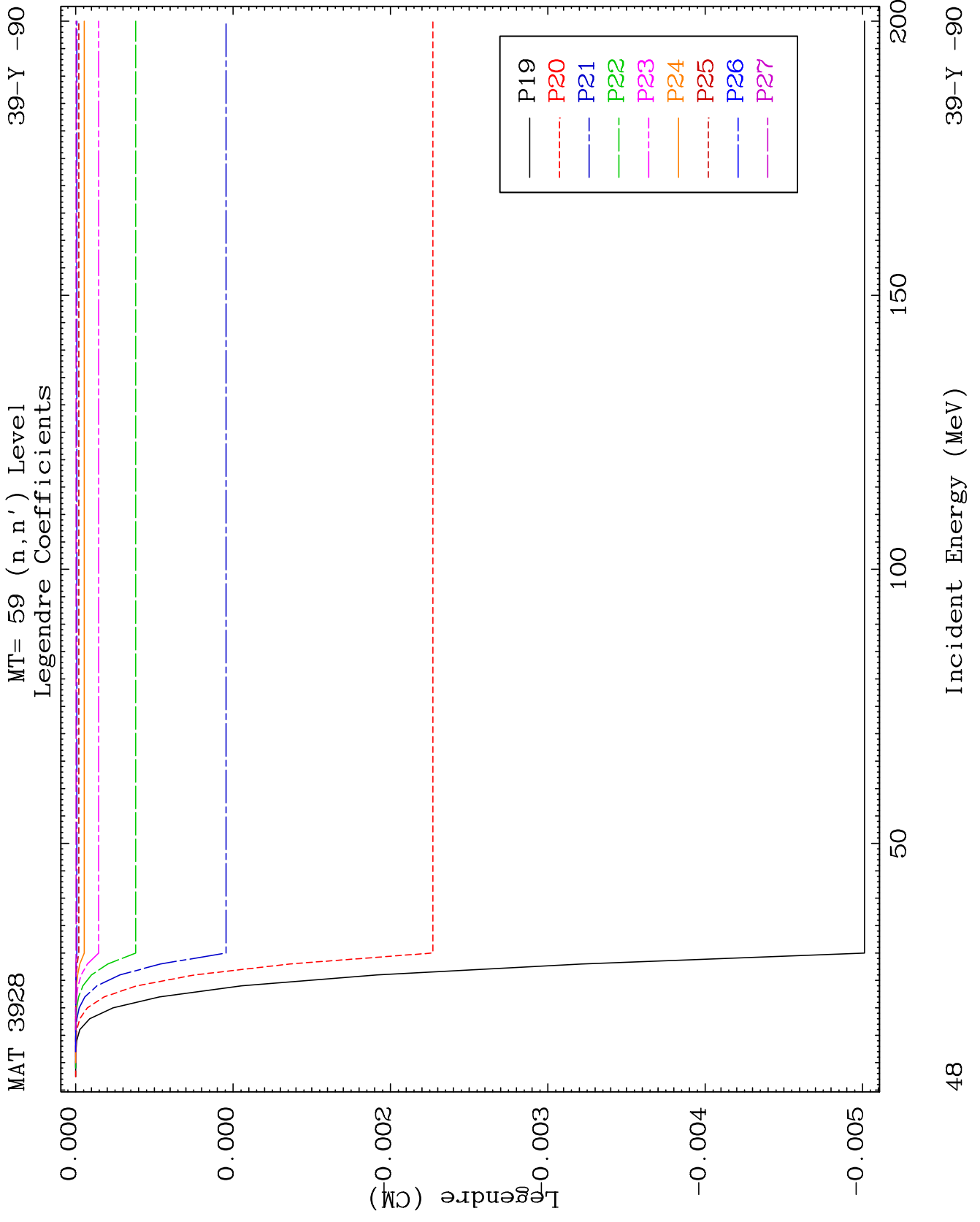
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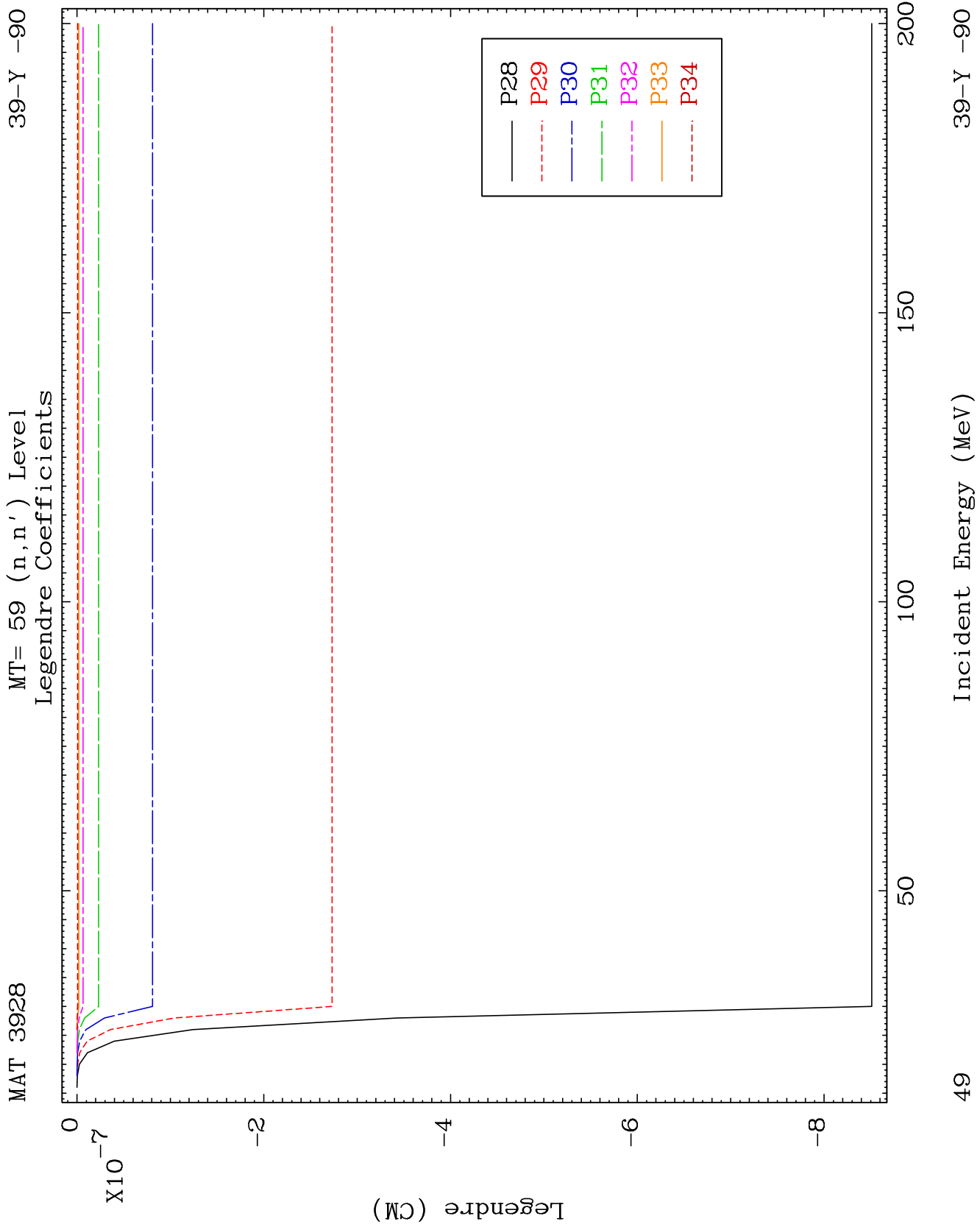


47

Incident Energy (MeV)

39-Y -90

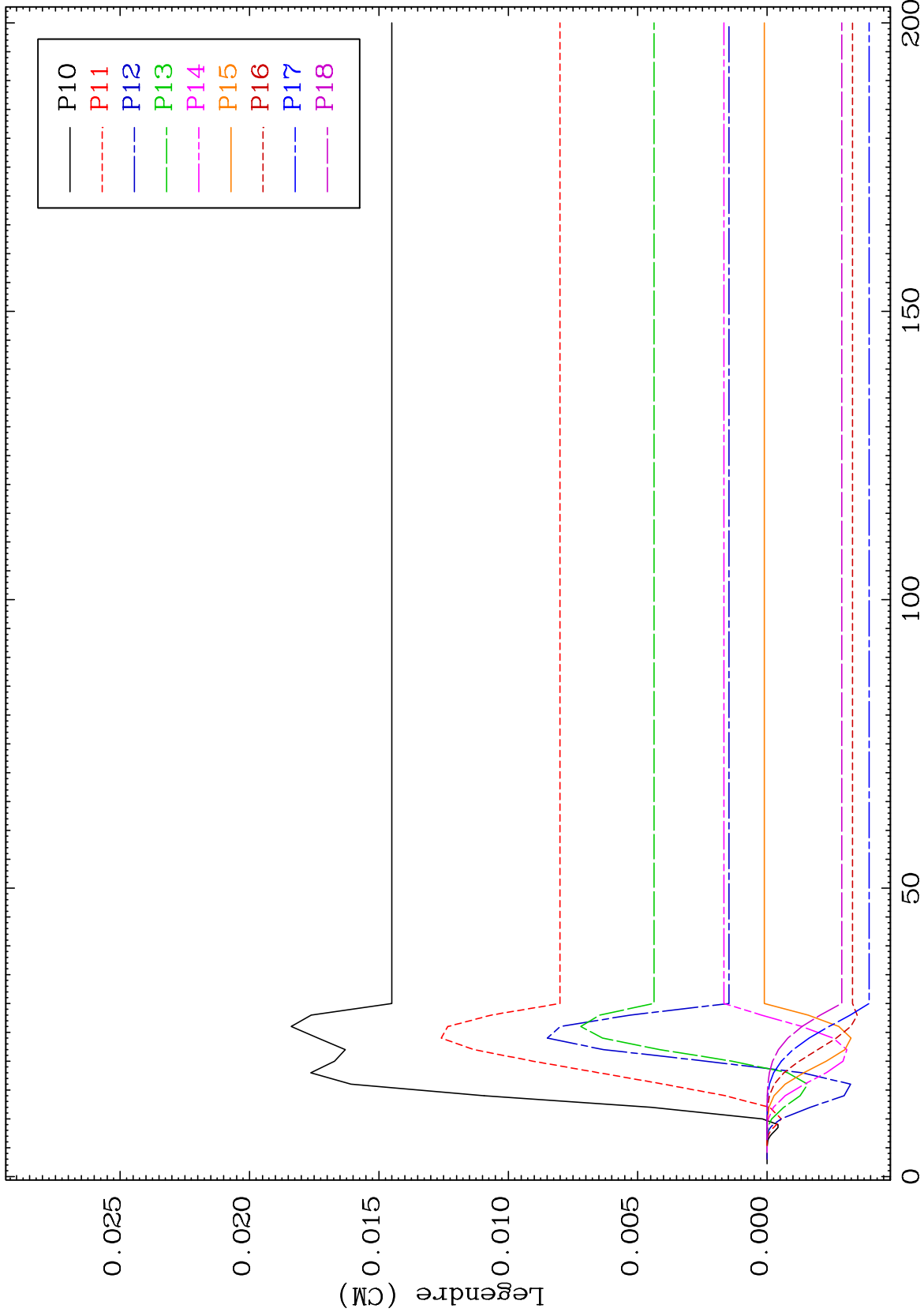




MAT 3928

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

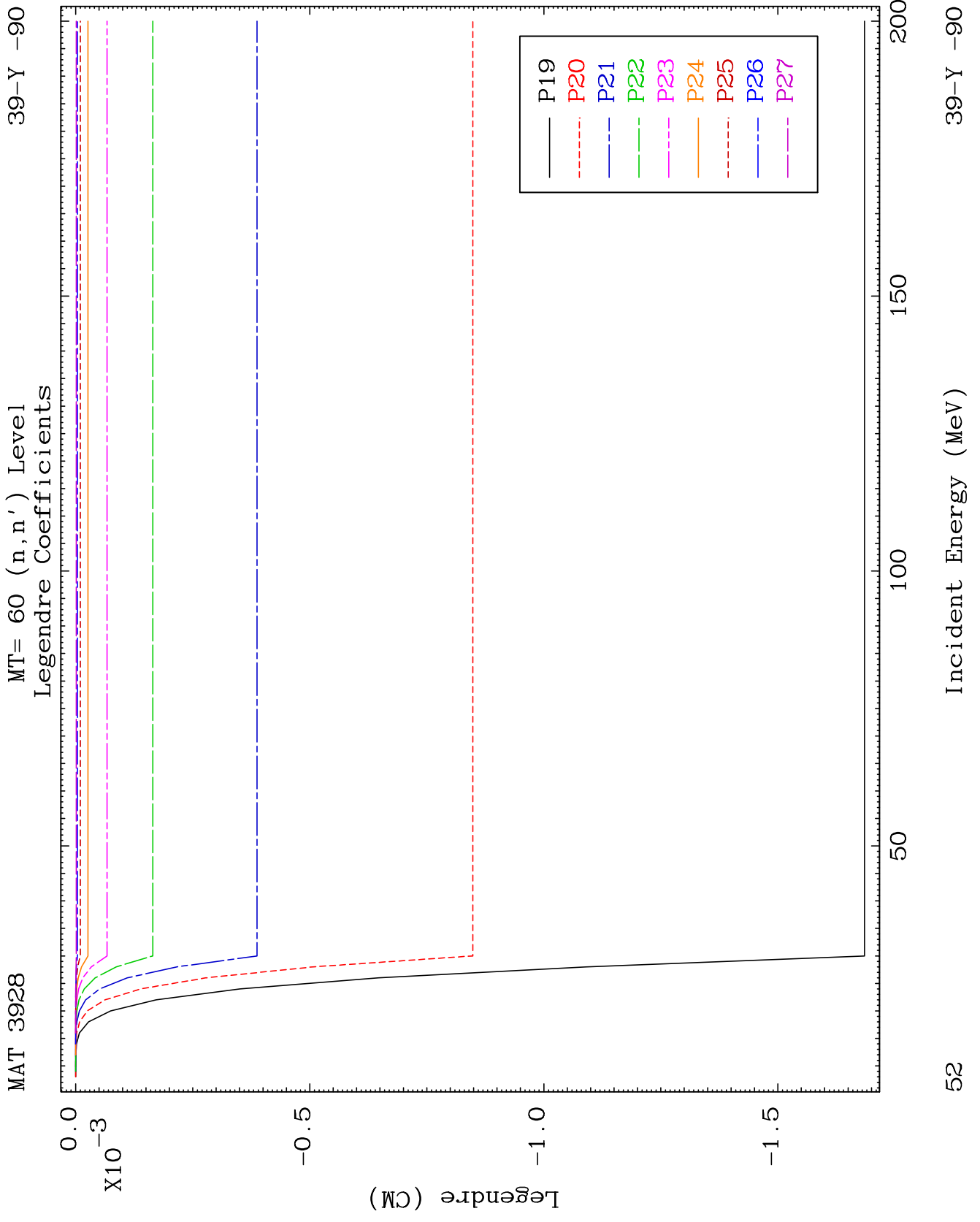
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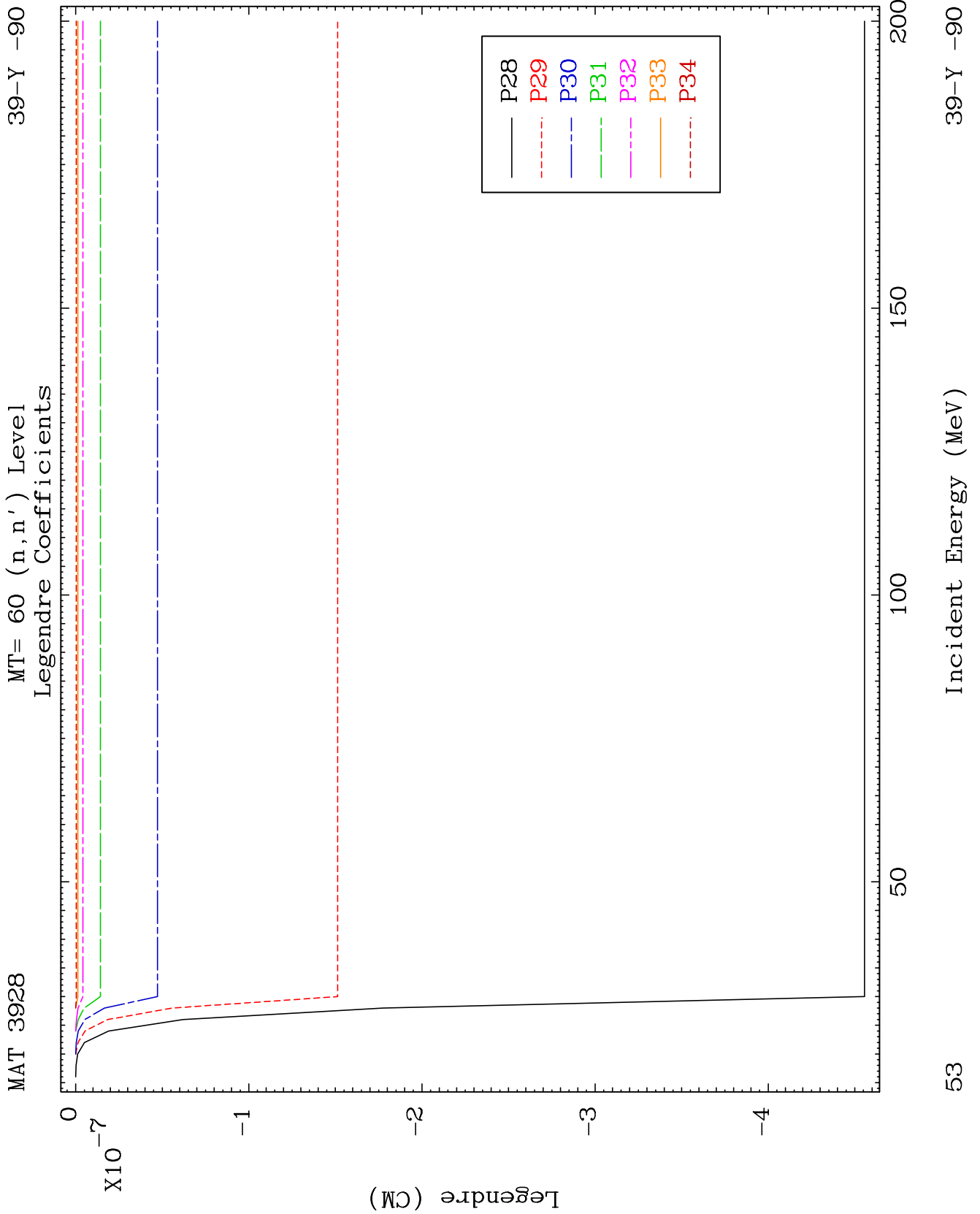


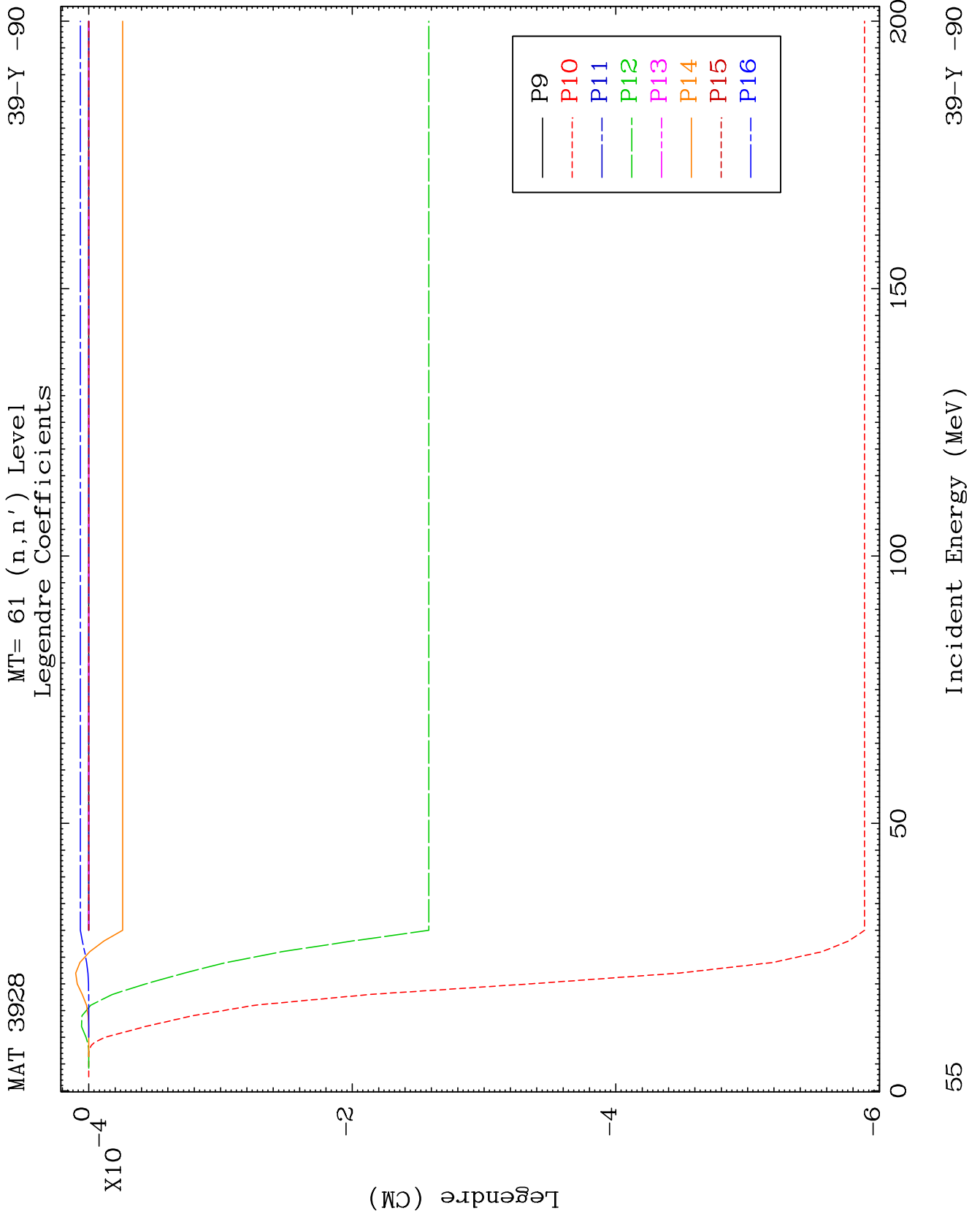
51

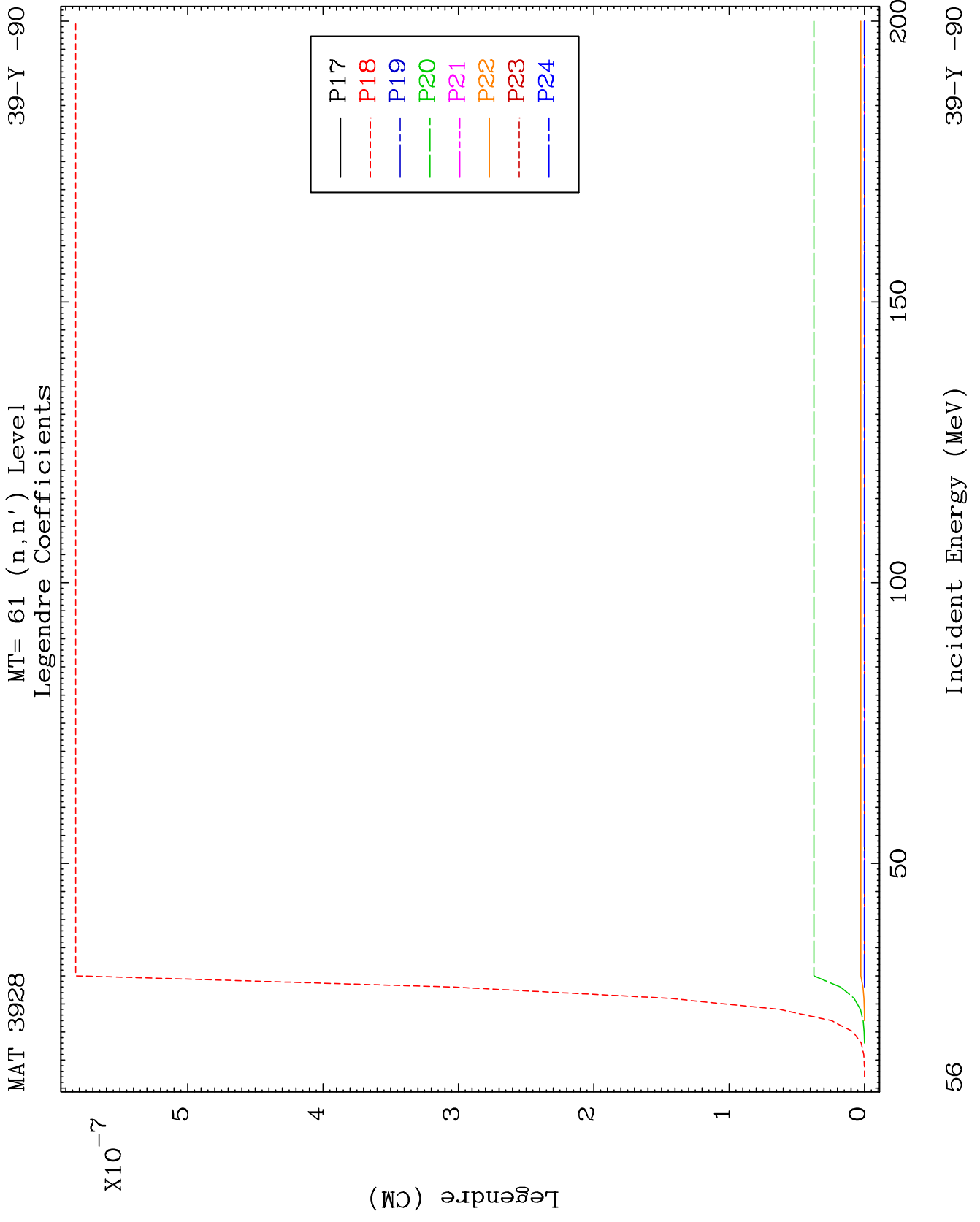
Incident Energy (MeV)

39-Y -90





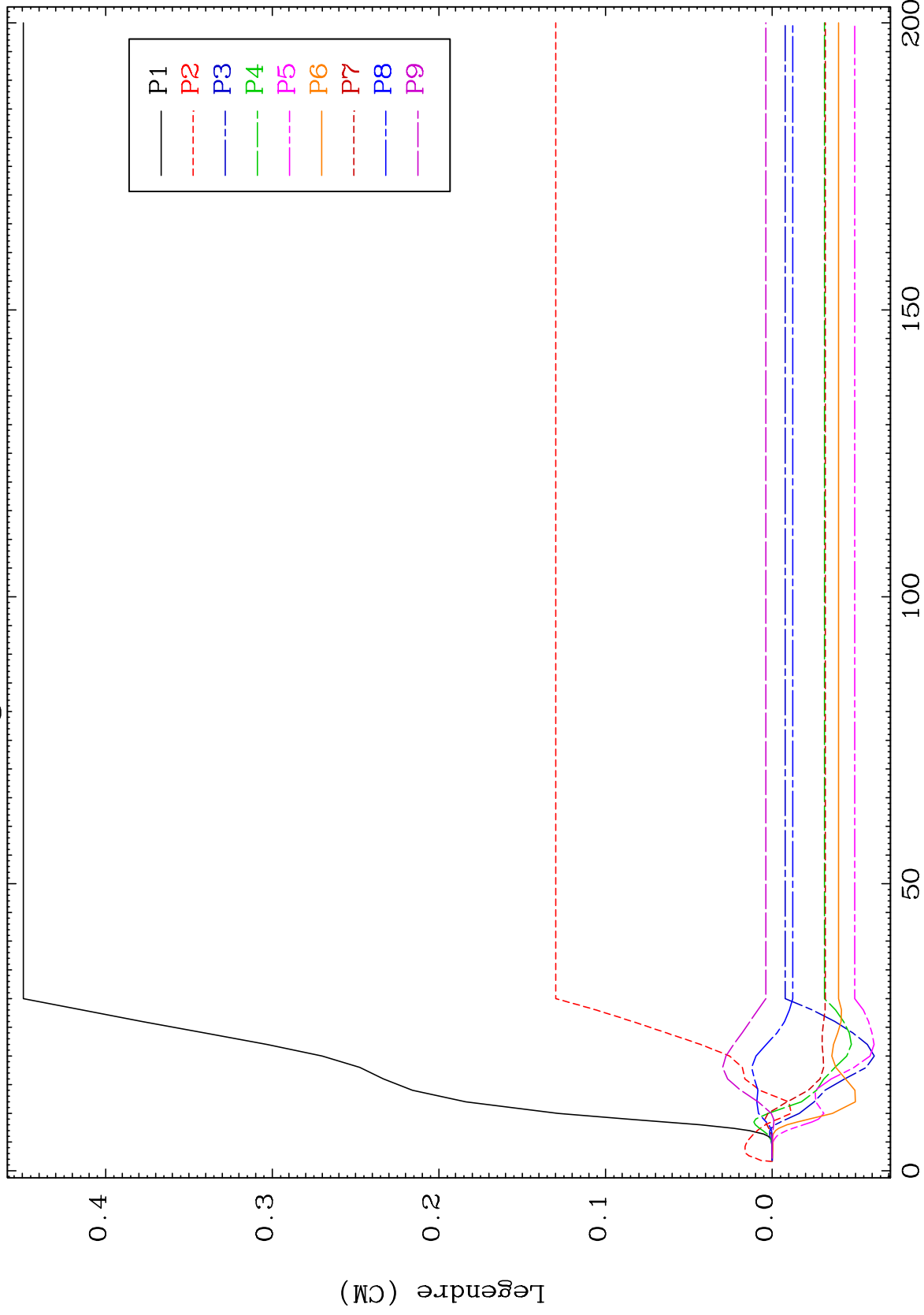




MAT 3928

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

39-Y -90



57

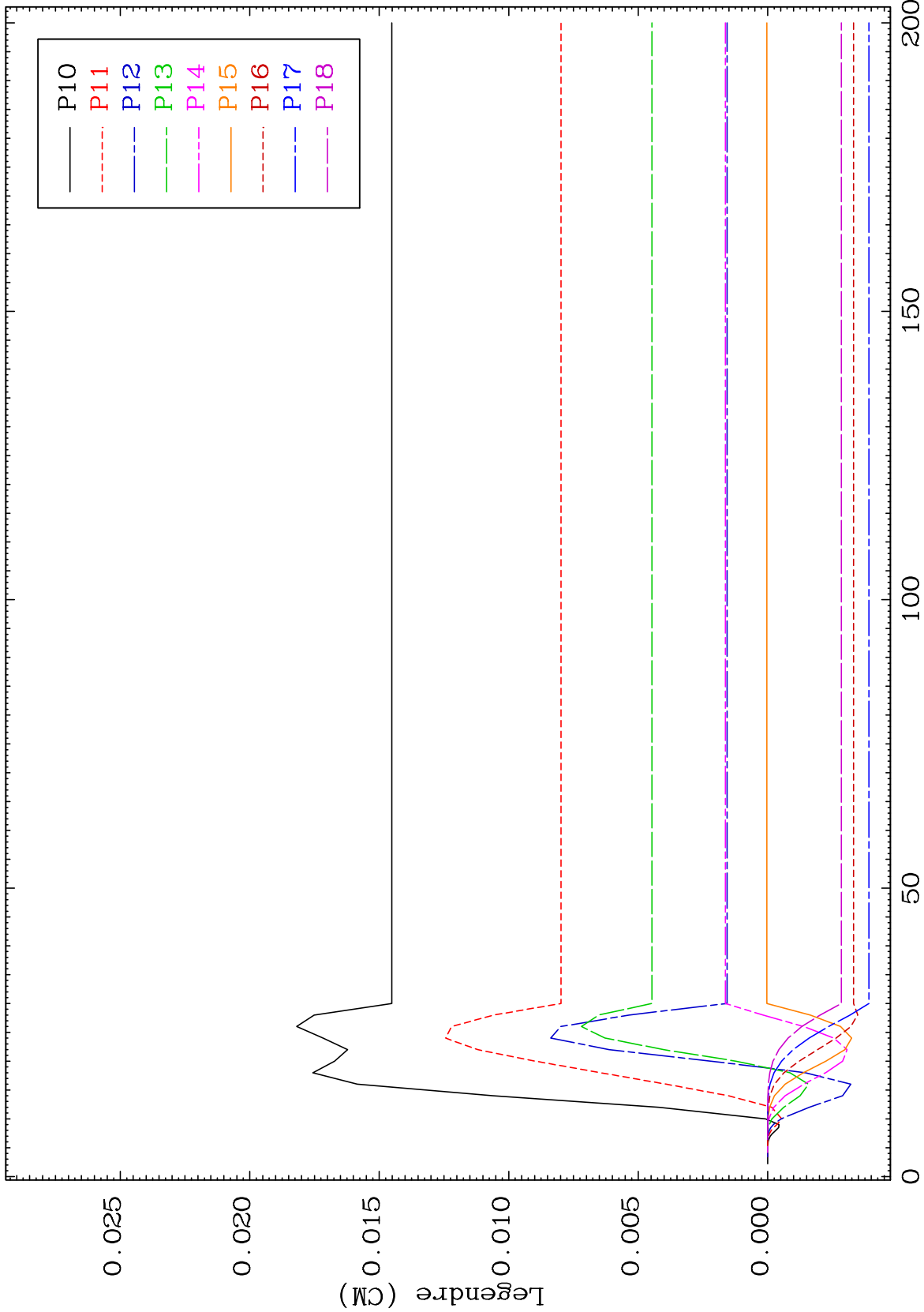
Incident Energy (MeV)

39-Y -90

MAT 3928

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

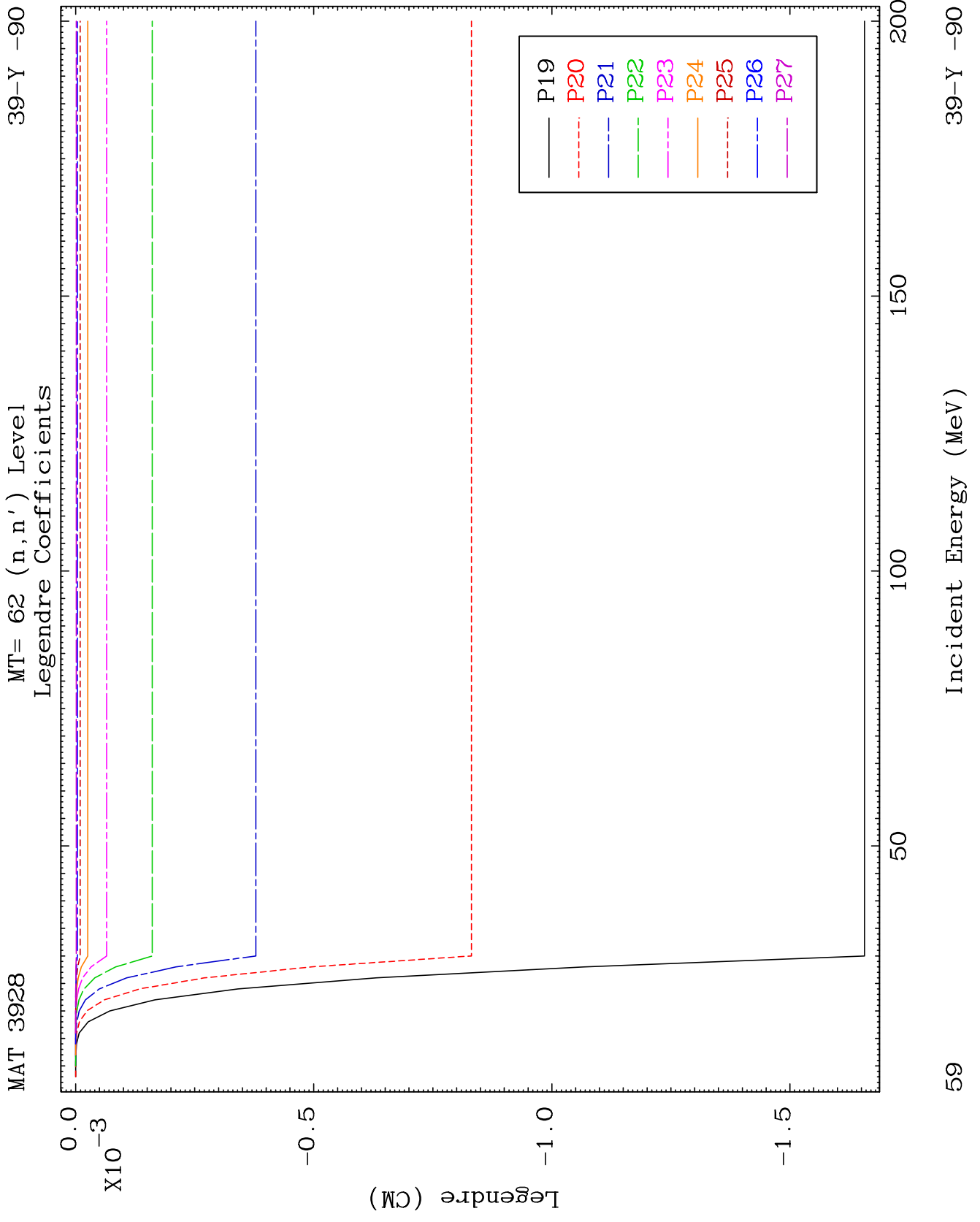
39-Y -90

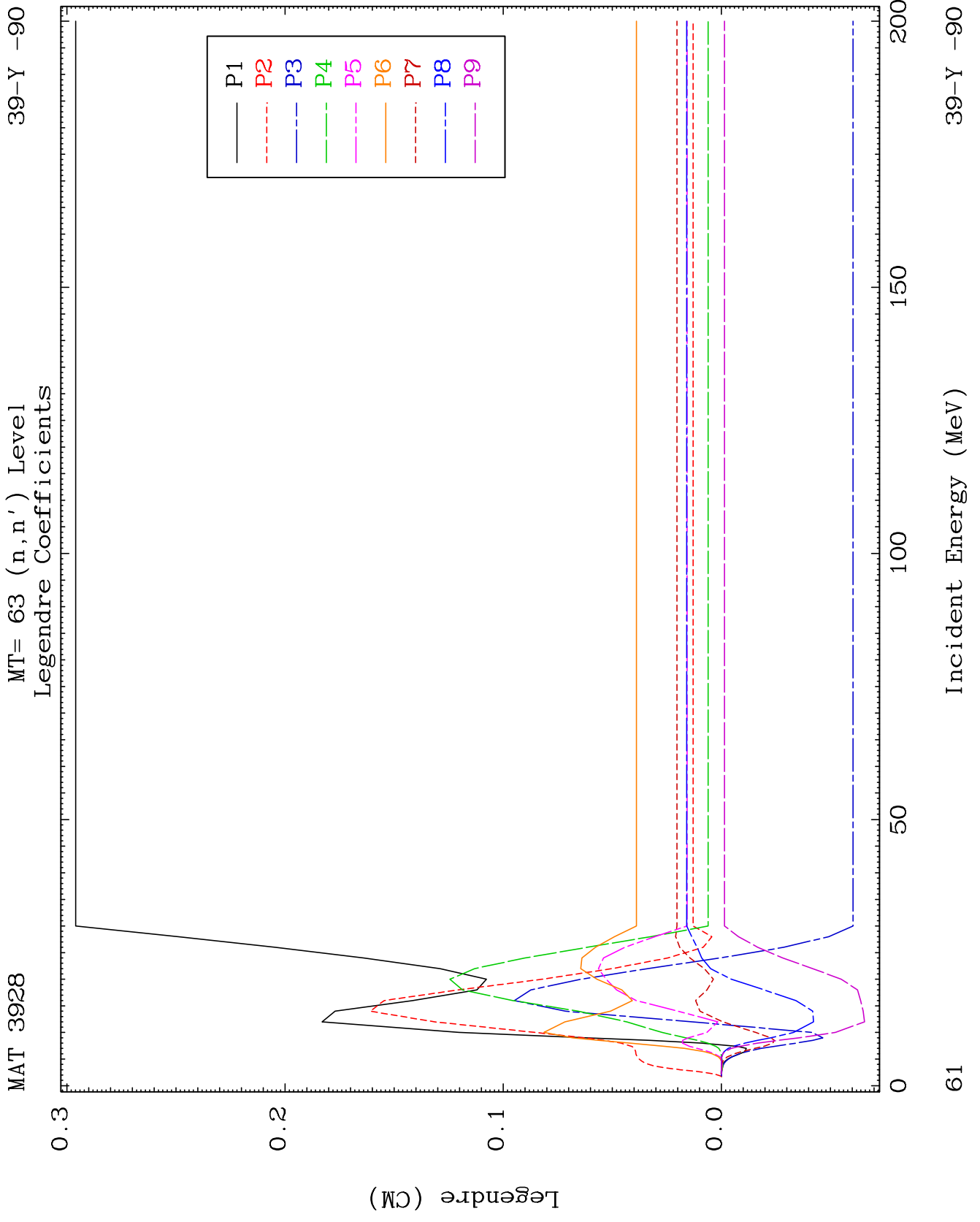


58

Incident Energy (MeV)

39-Y -90

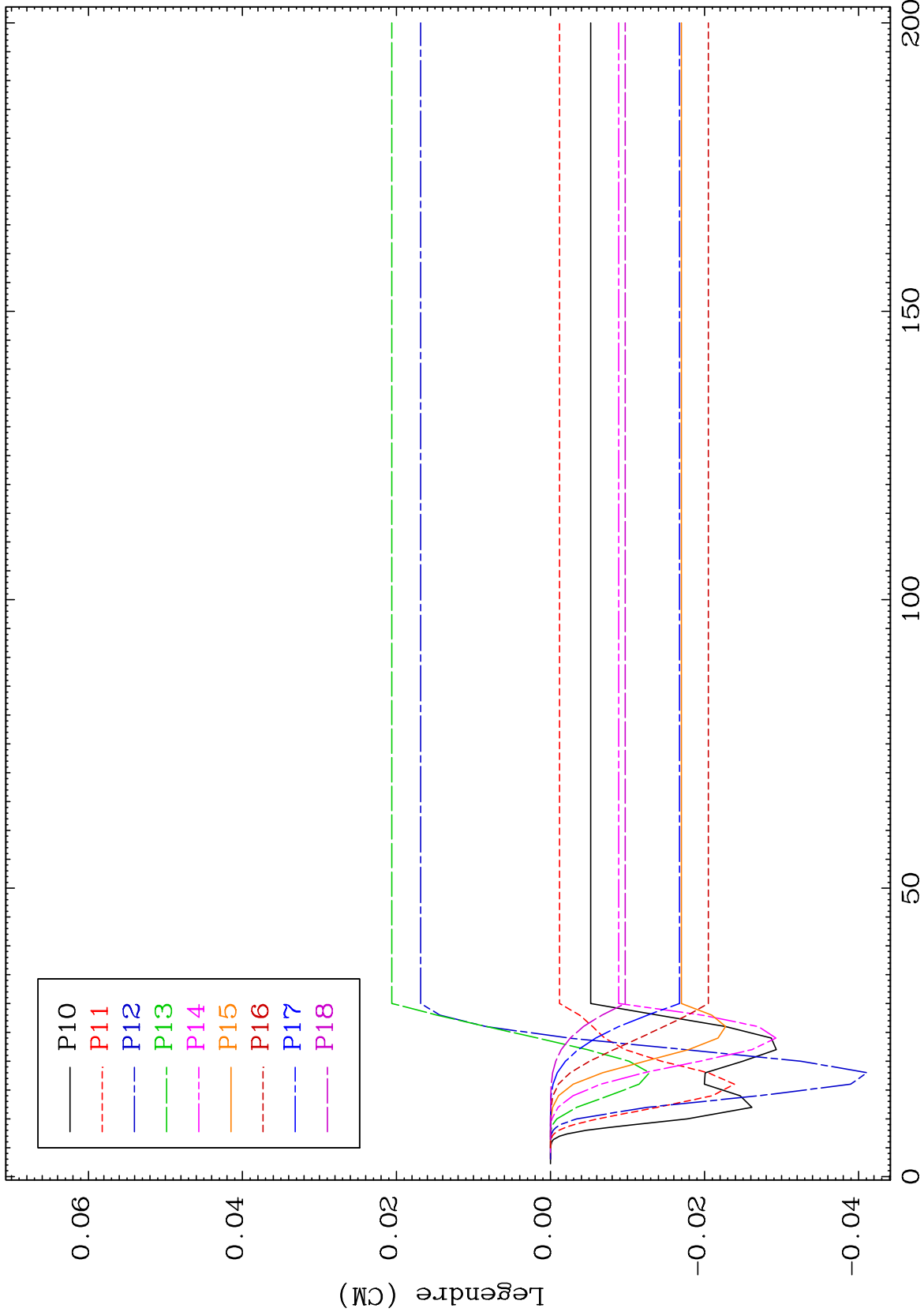




MAT 3928

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

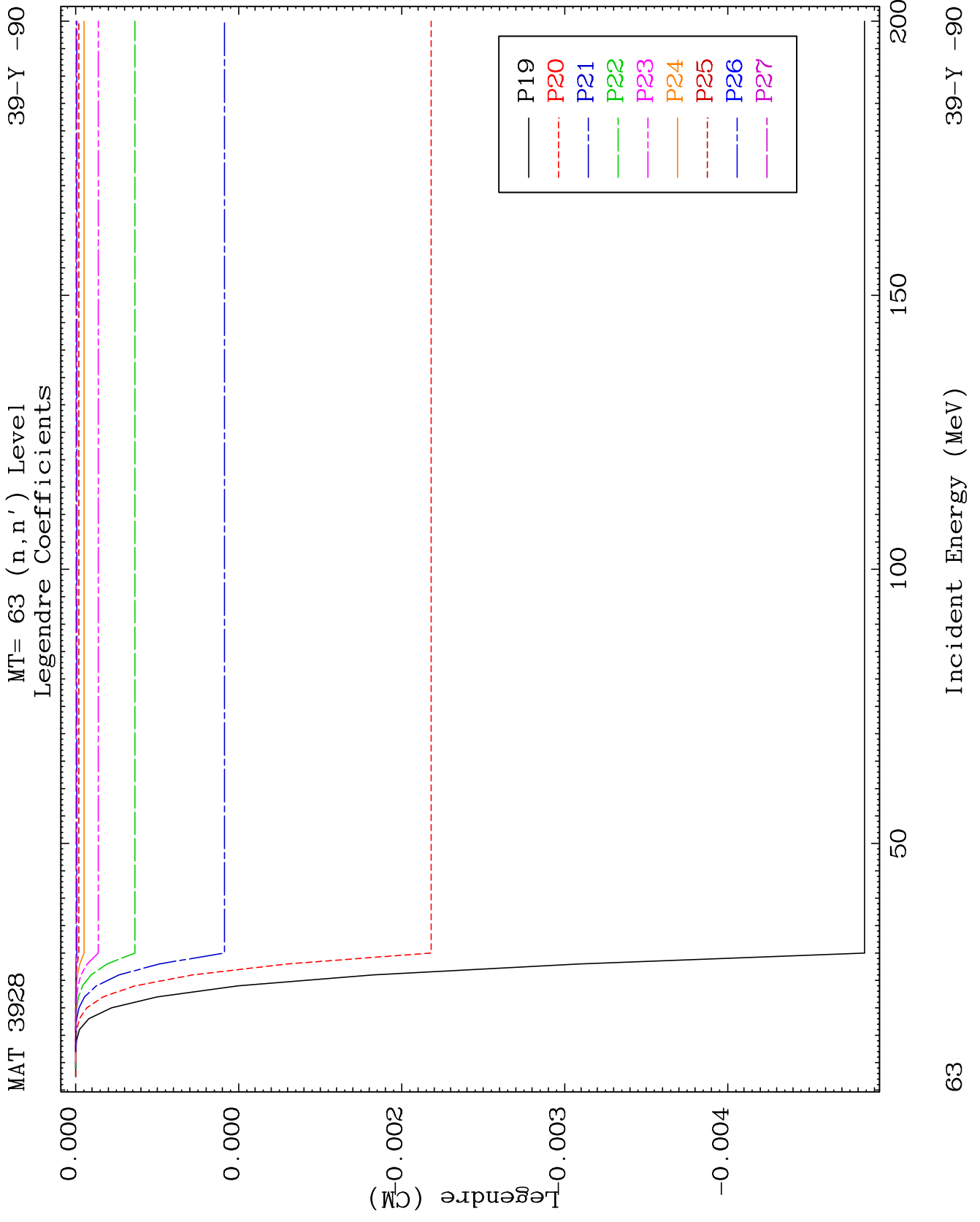
39-Y -90

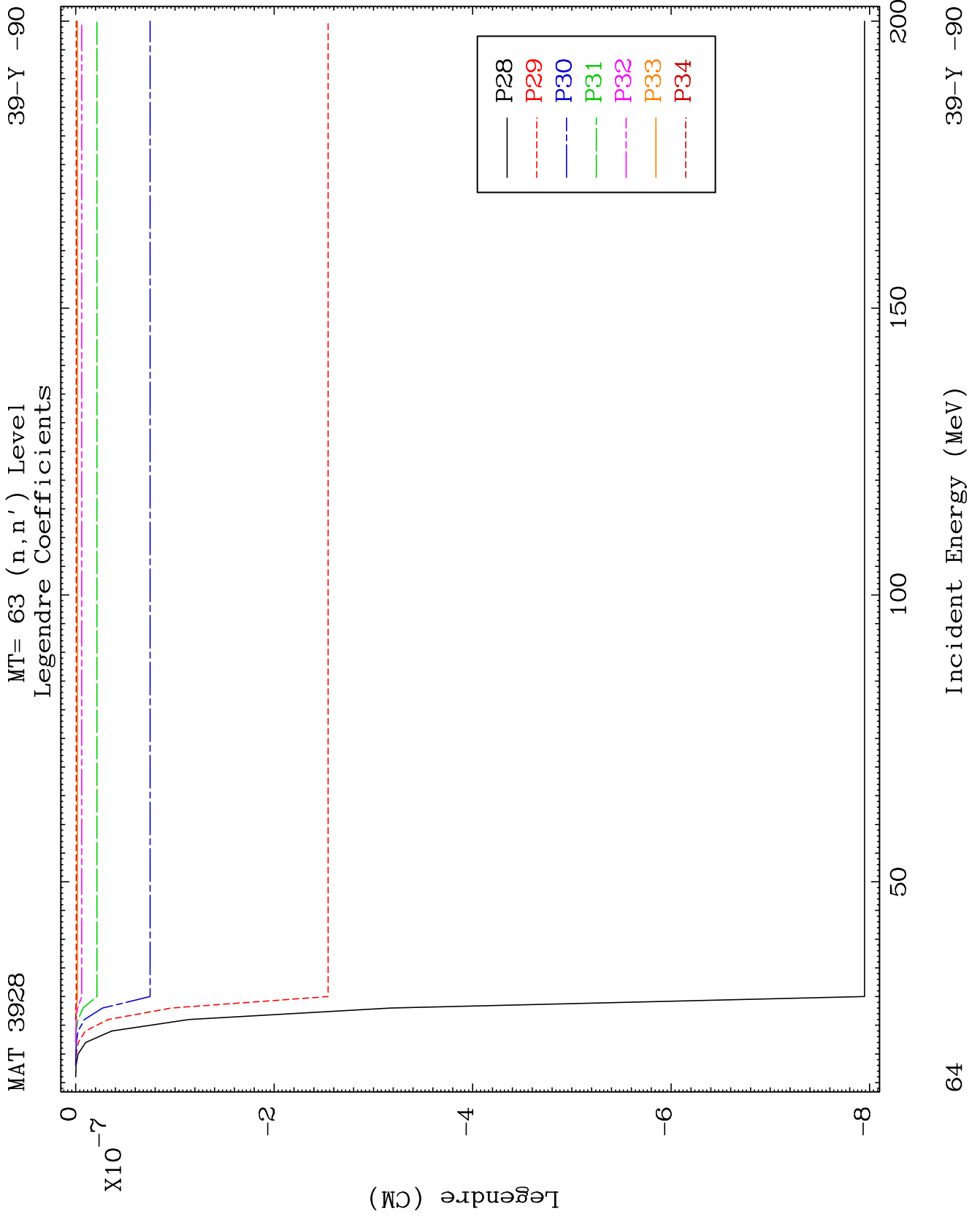


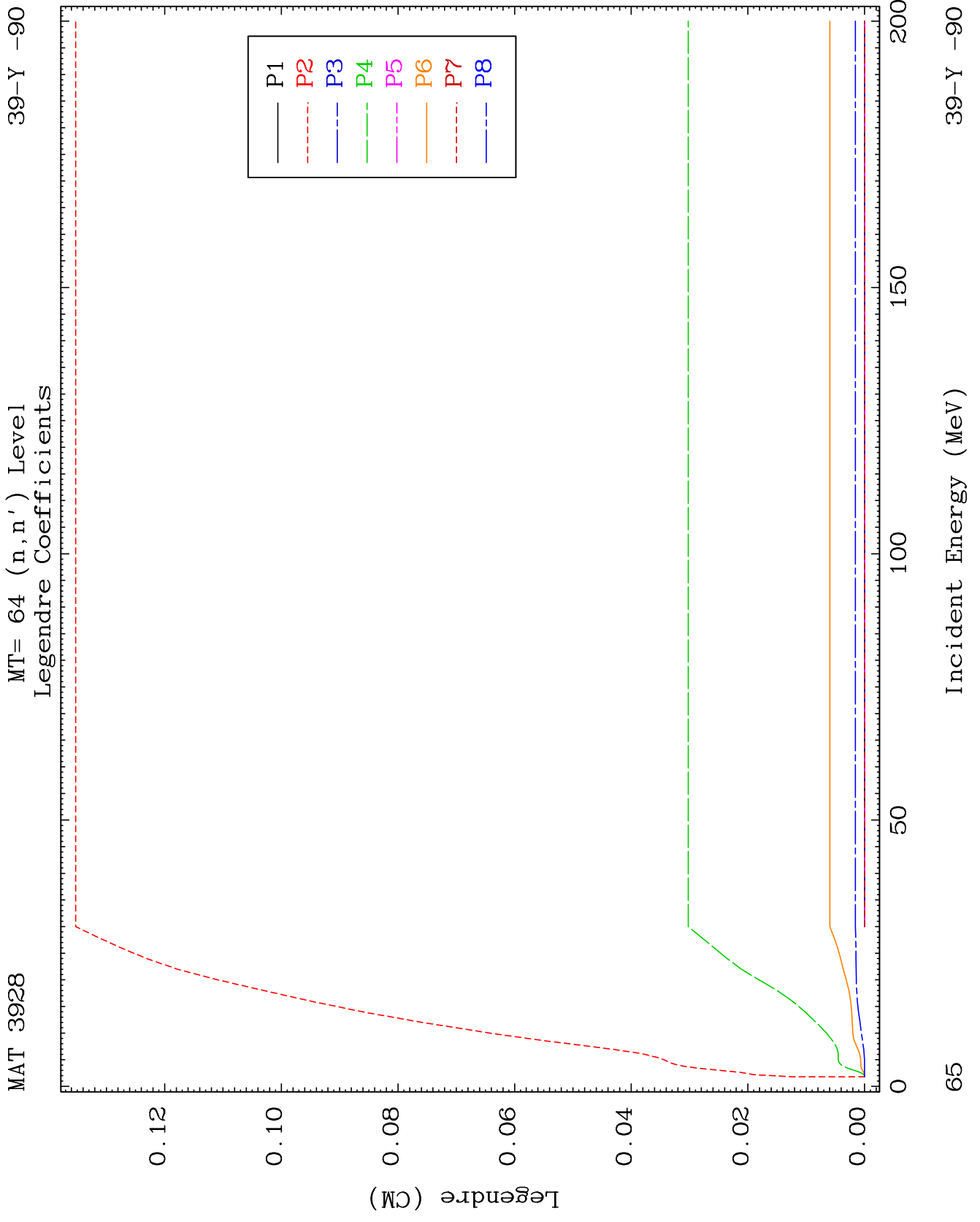
62

Incident Energy (MeV)

39-Y -90



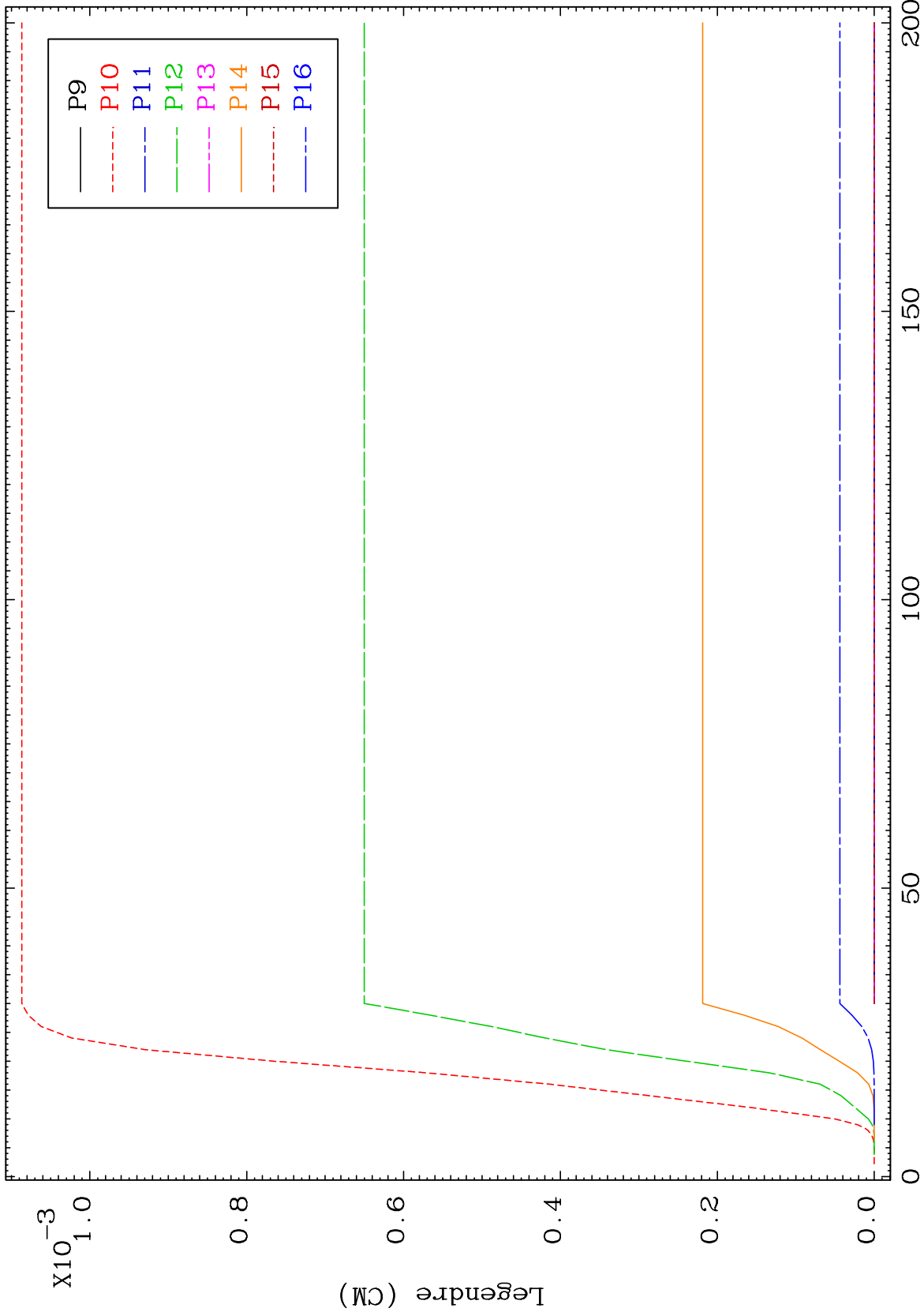




MAT 3928

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

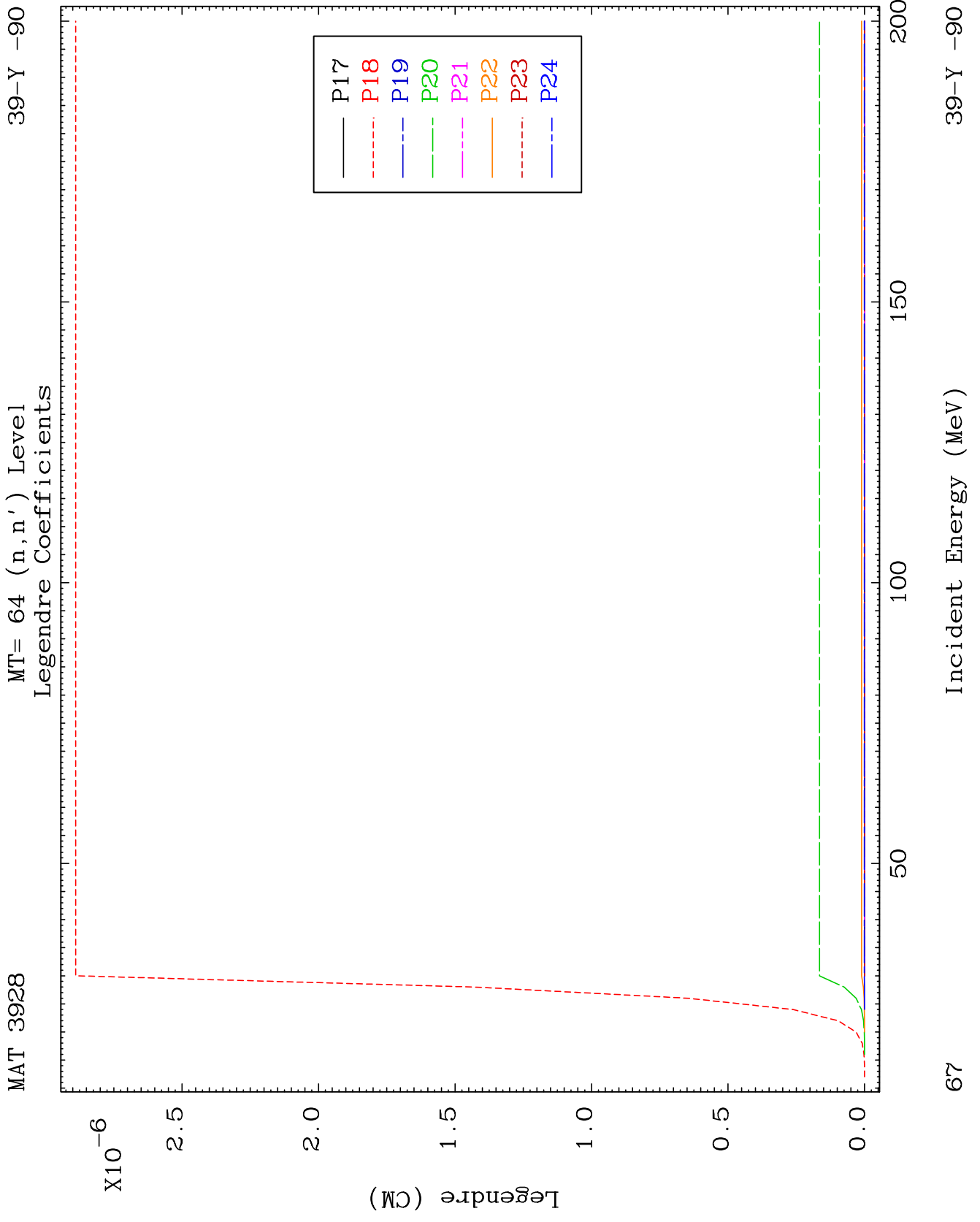
39-Y -90



66

Incident Energy (MeV)

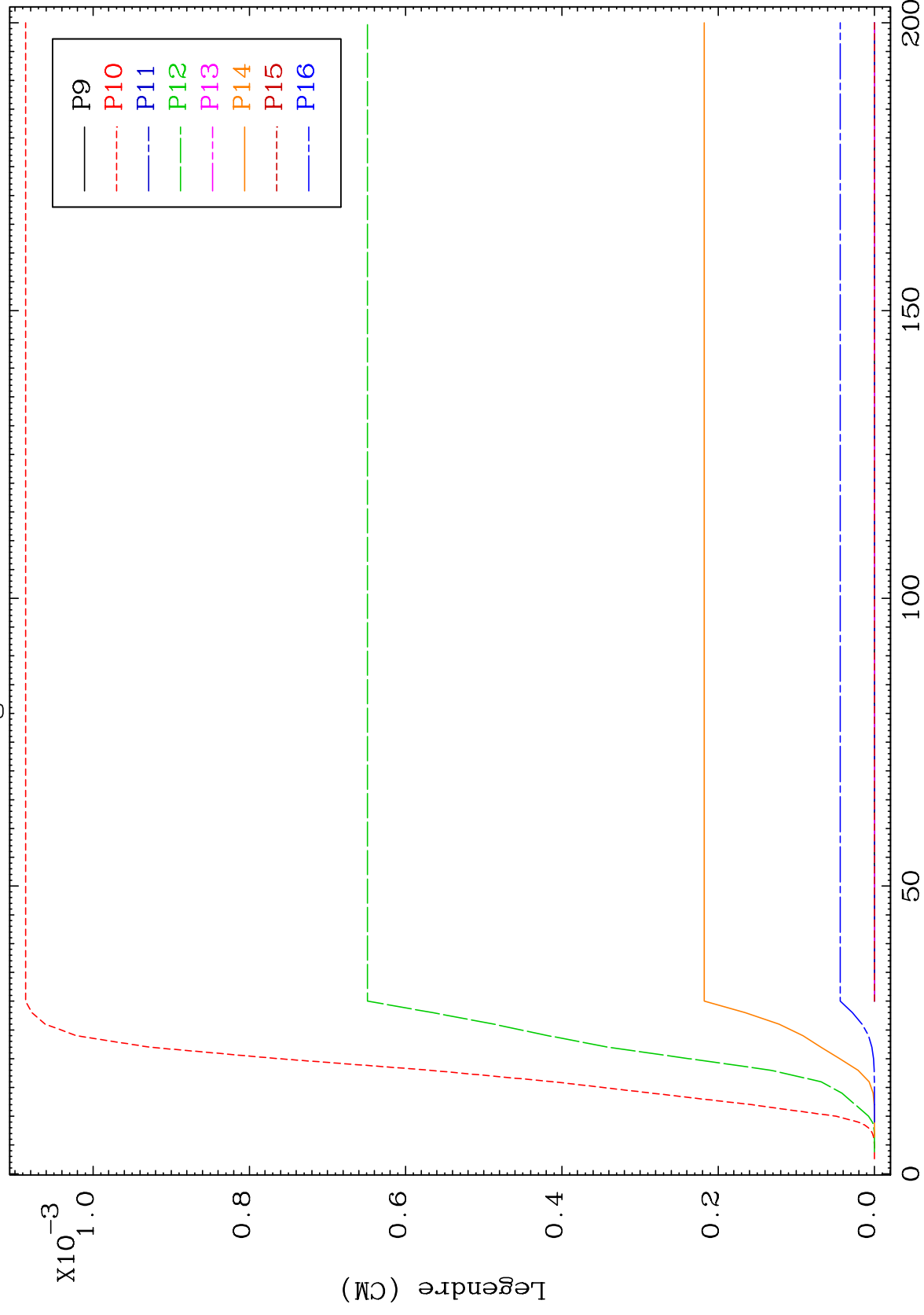
39-Y -90



MAT 3928

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

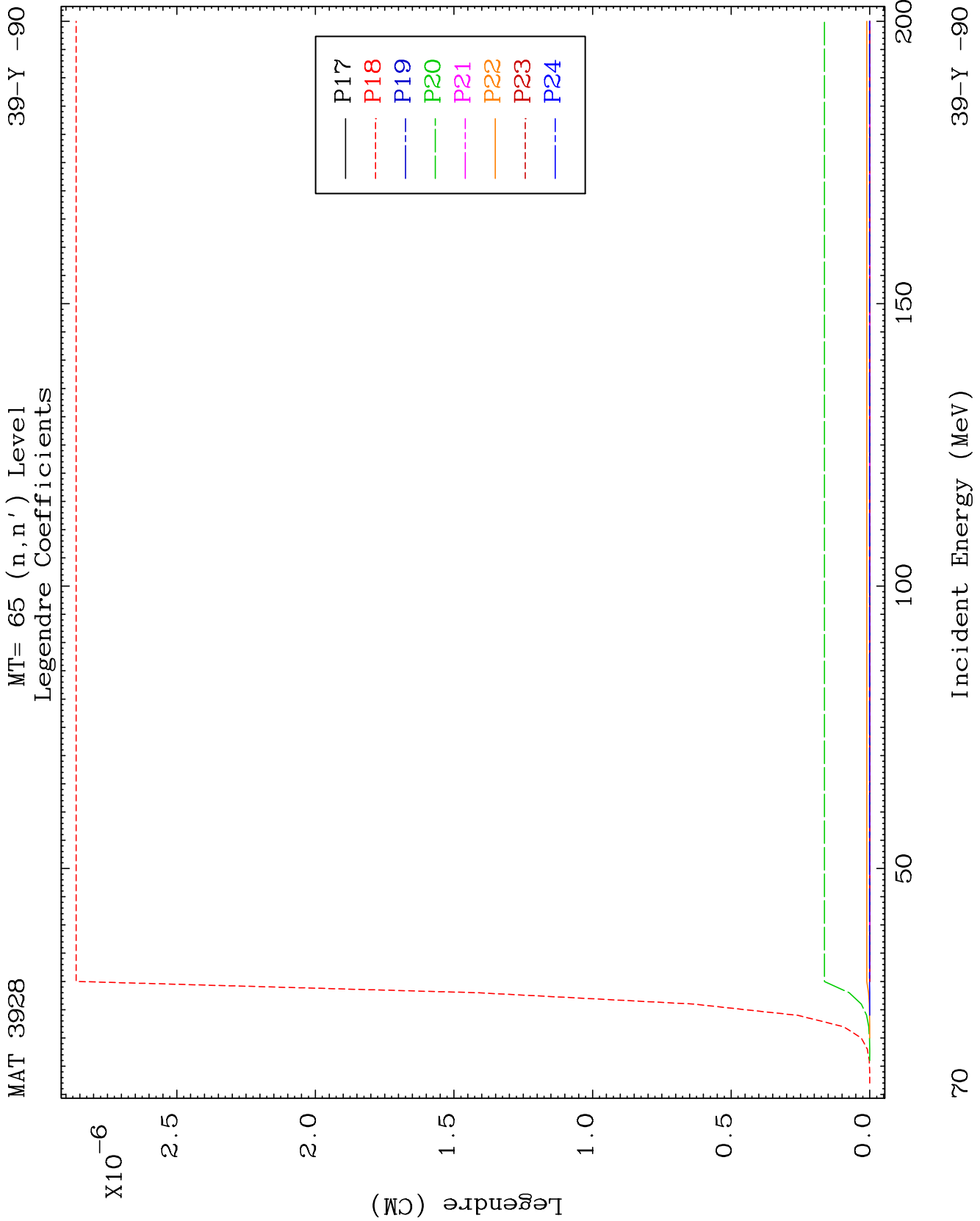
39-Y -90



69

Incident Energy (MeV)

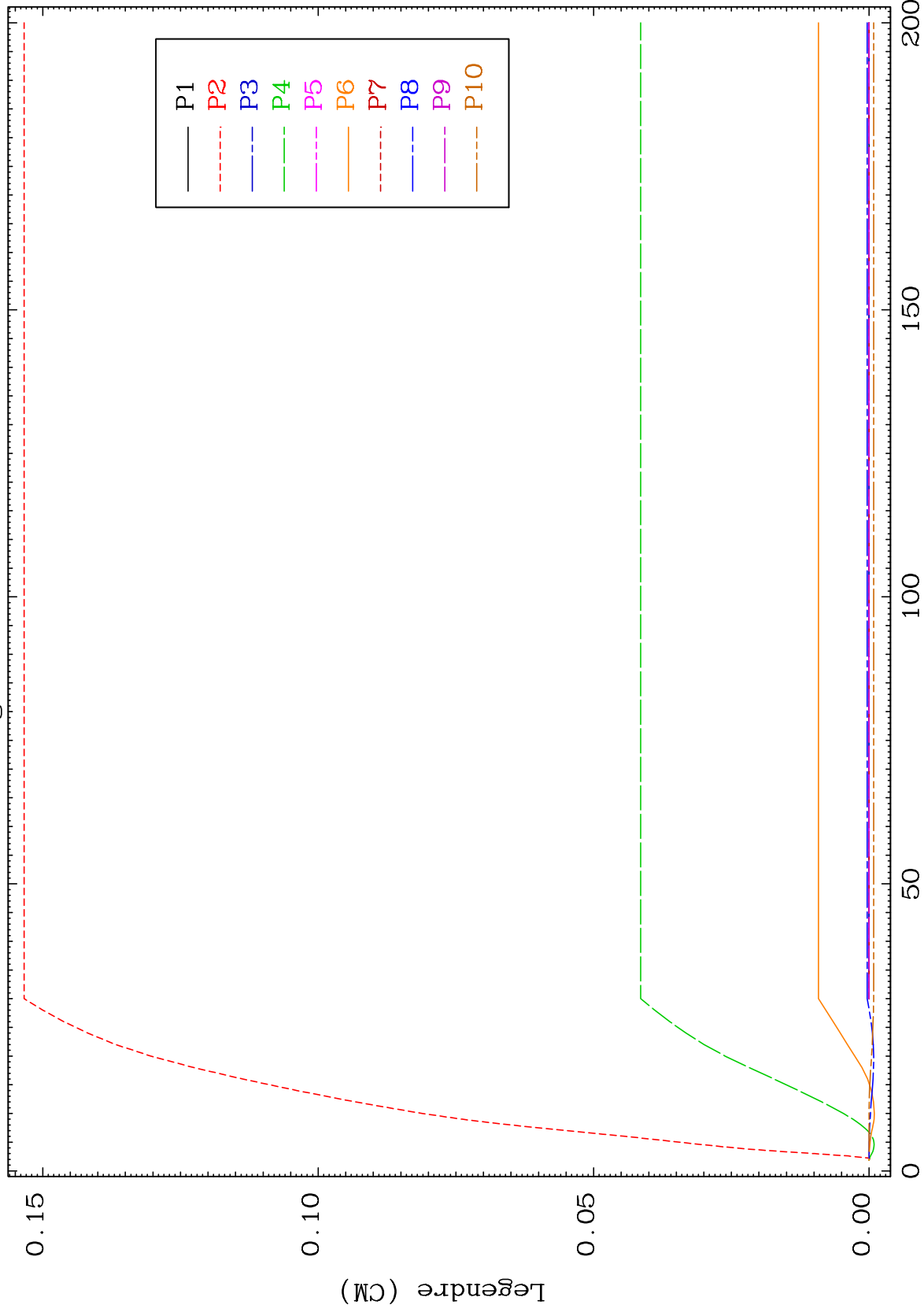
39-Y -90



MAT 3928

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

39-Y -90



71

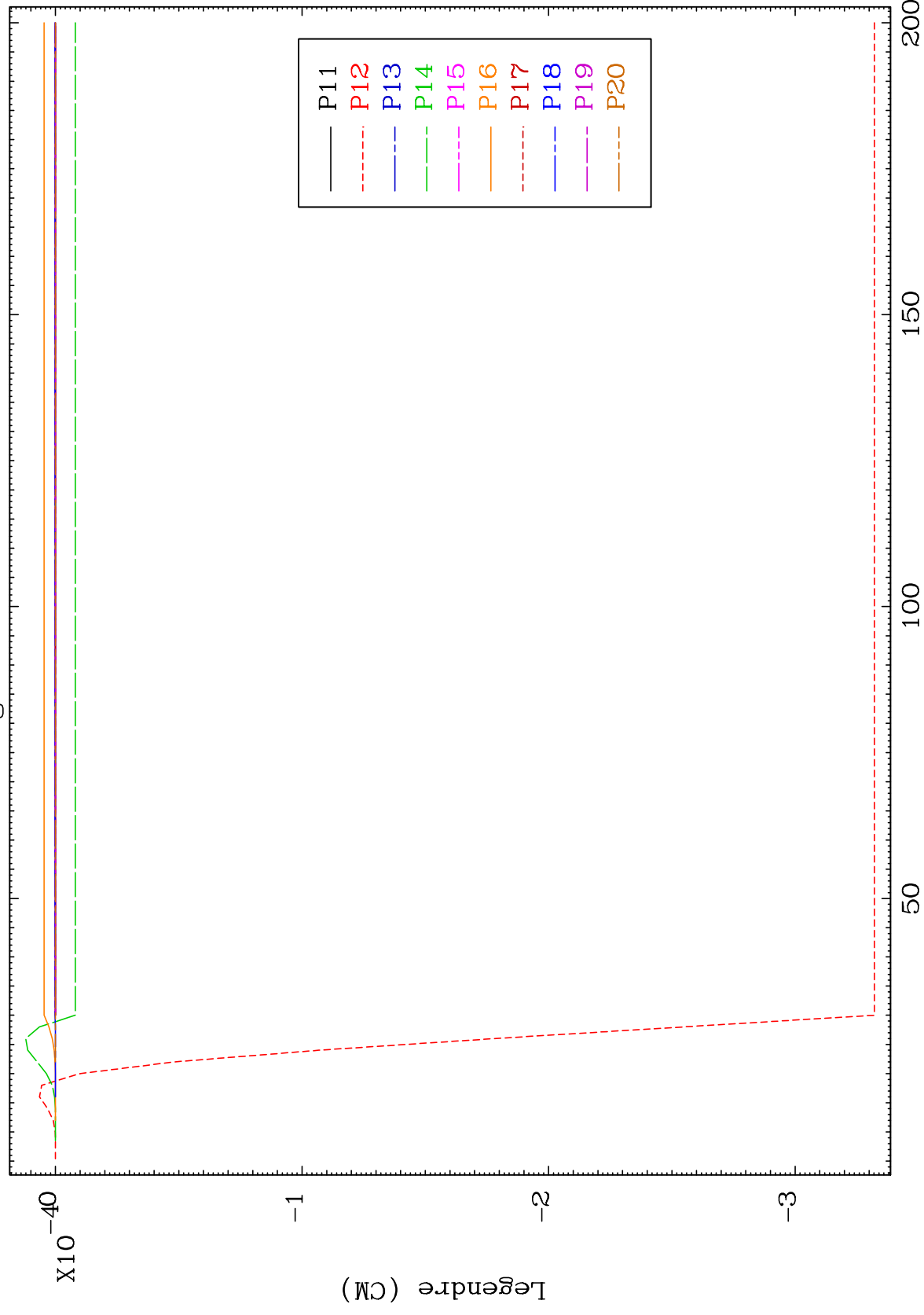
Incident Energy (MeV)

39-Y -90

MAT 3928

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

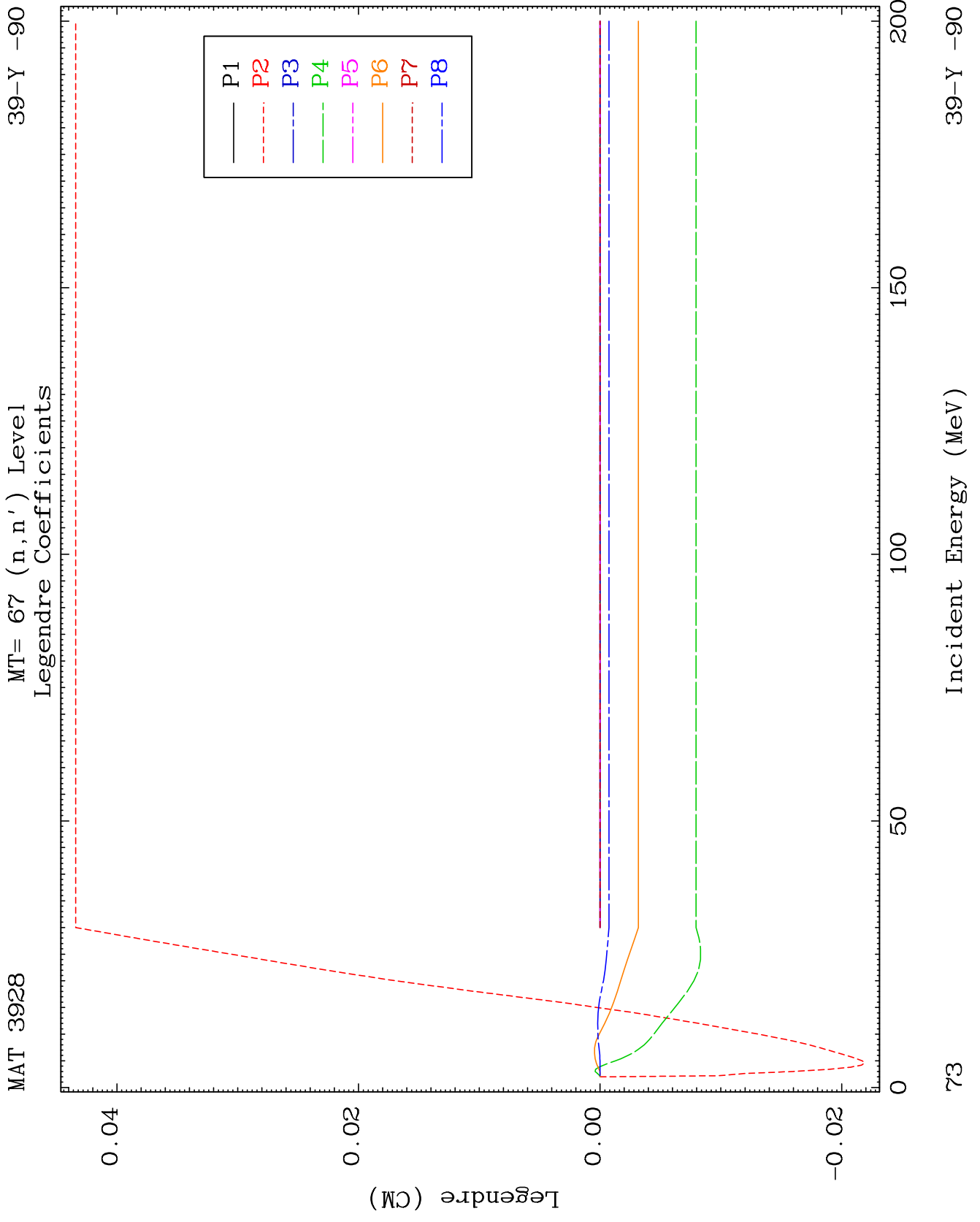
39-Y -90



72

Incident Energy (MeV)

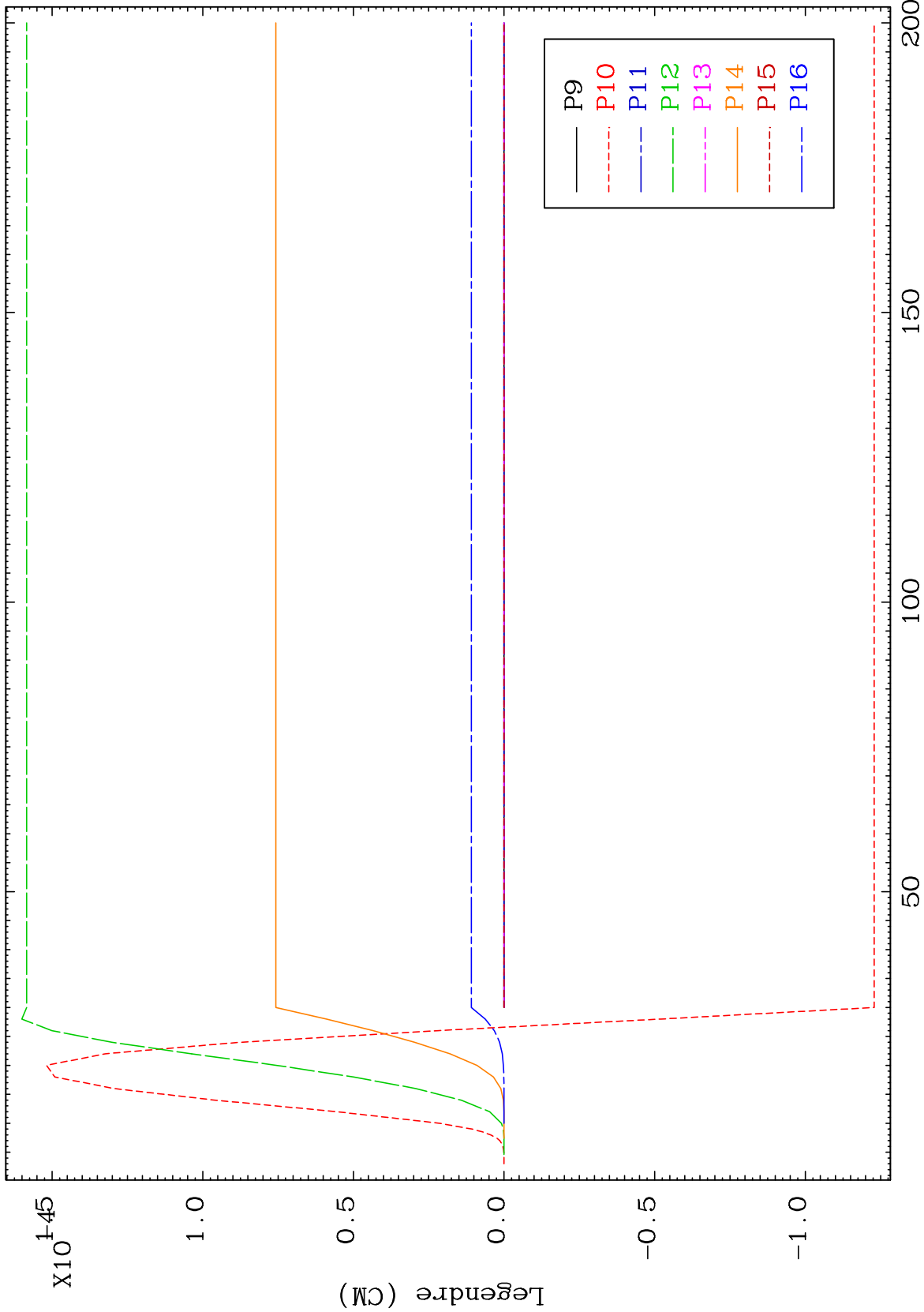
39-Y -90



MAT 3928

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

39-Y -90



74

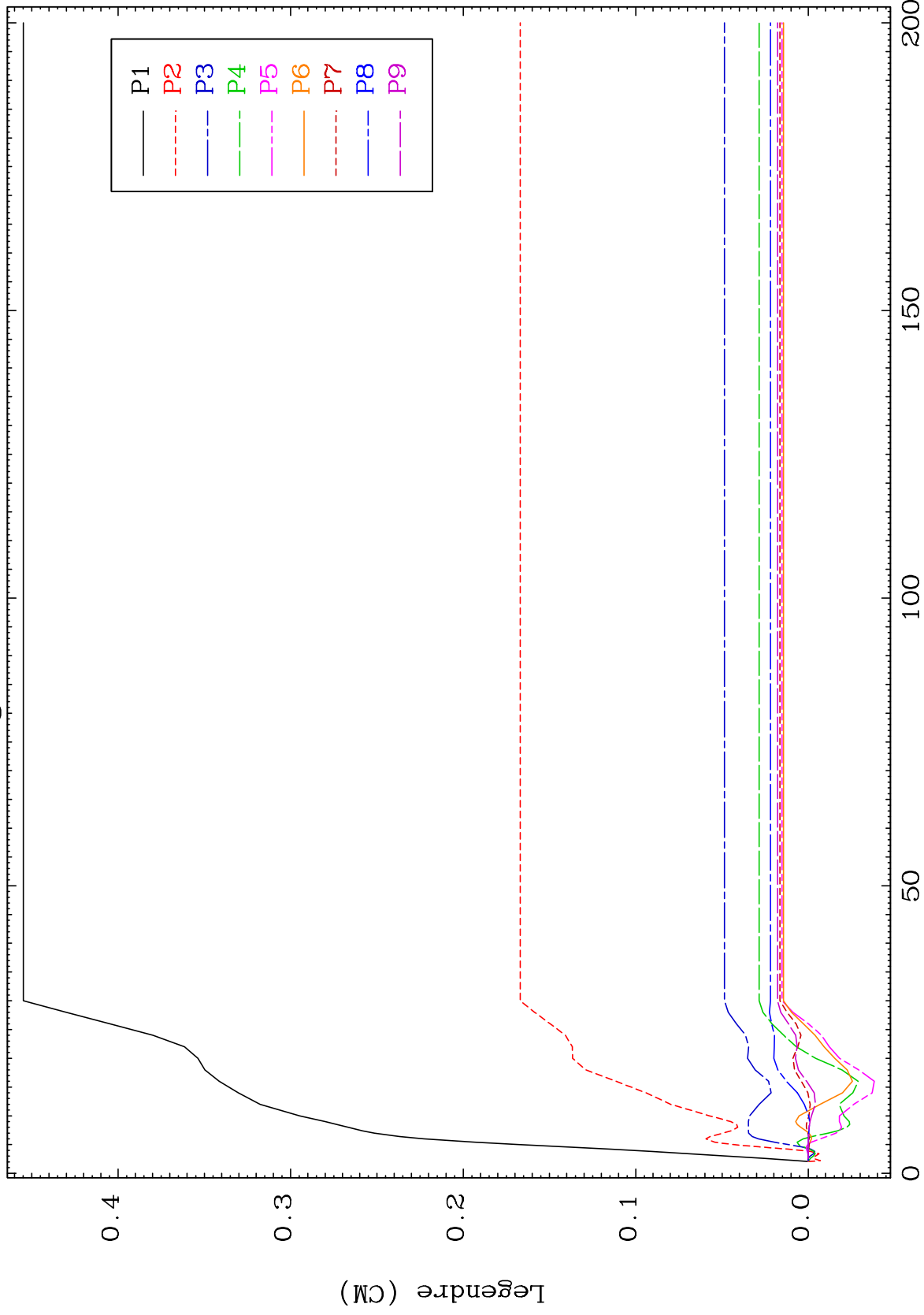
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



76

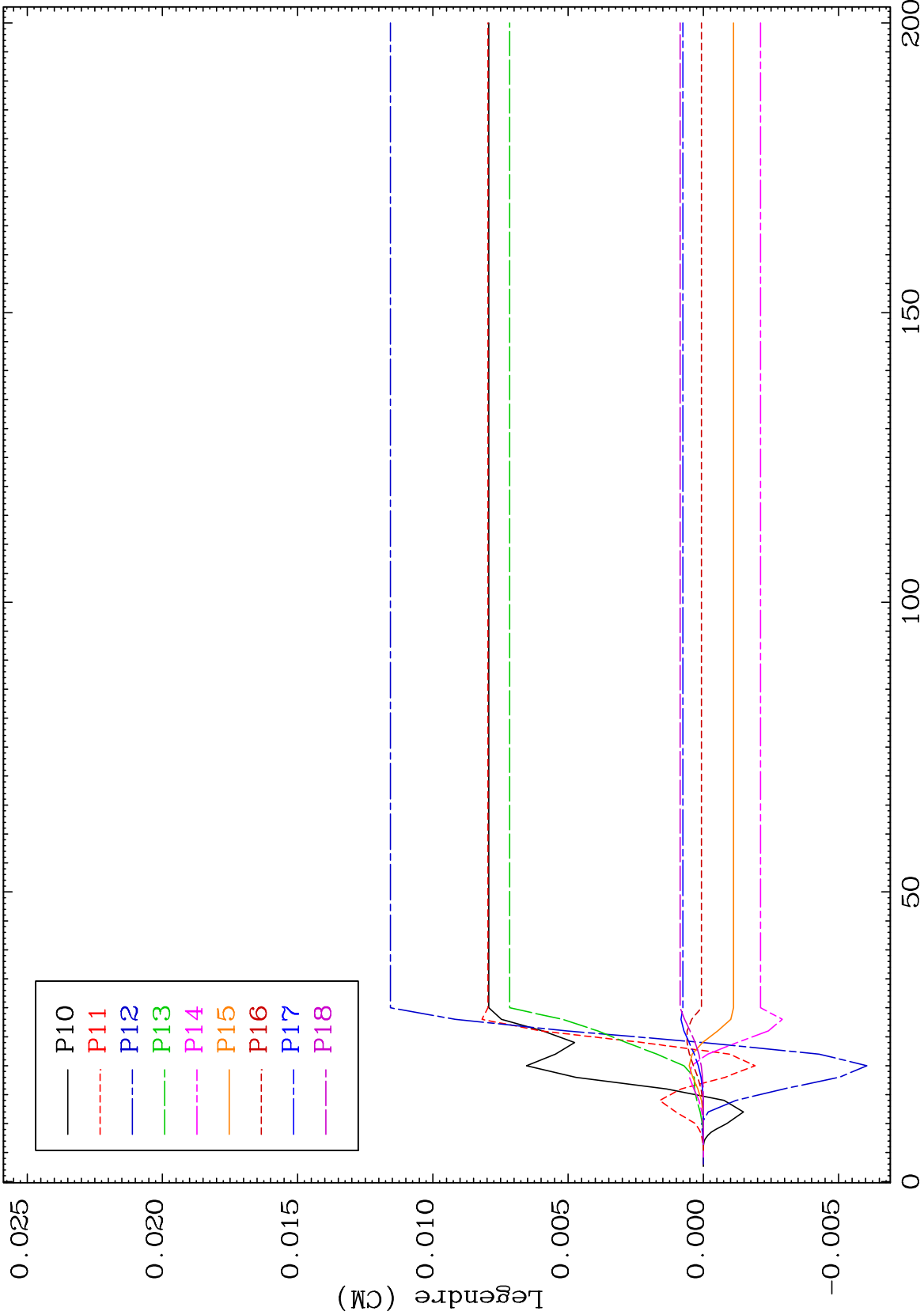
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



77

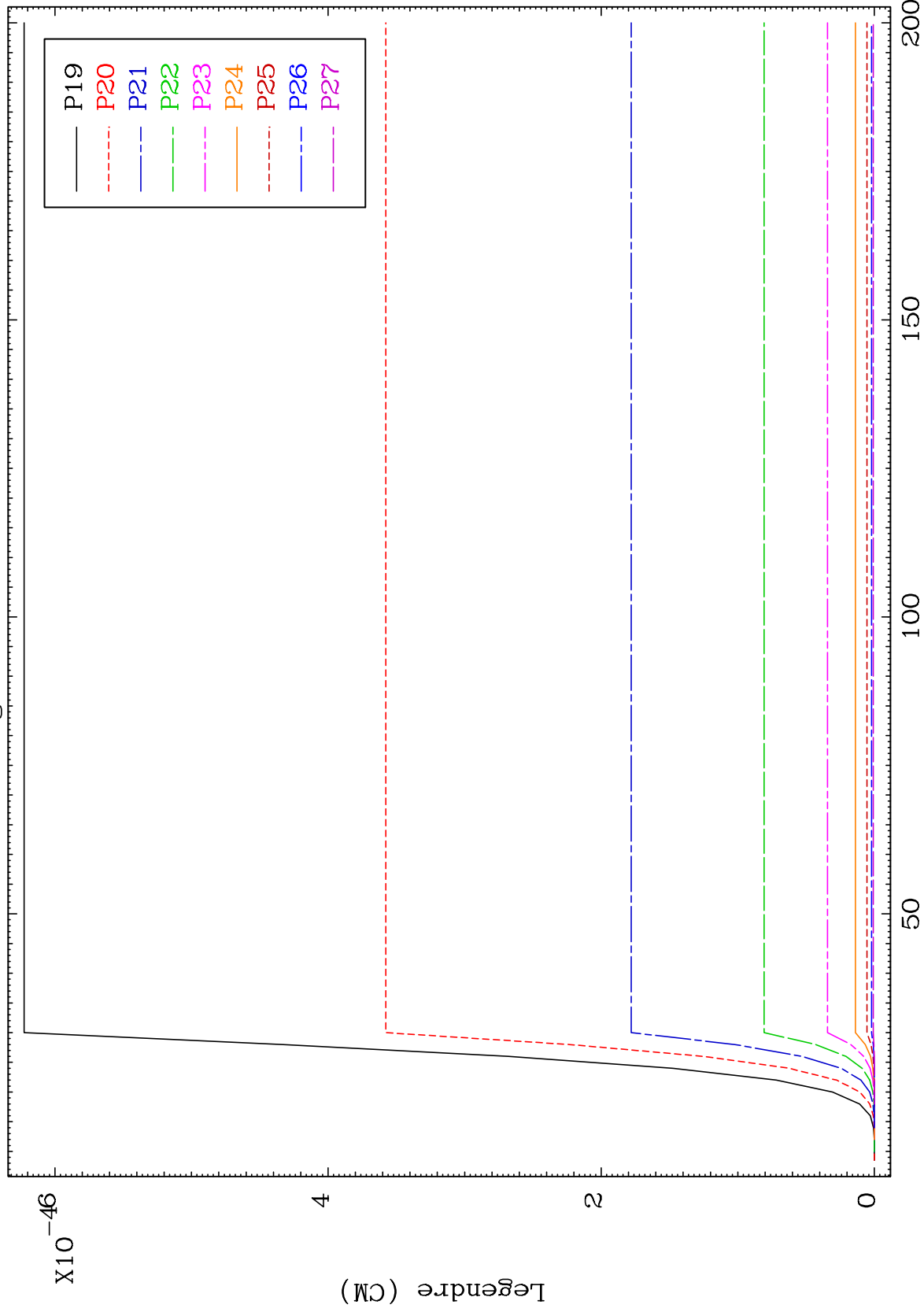
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



78

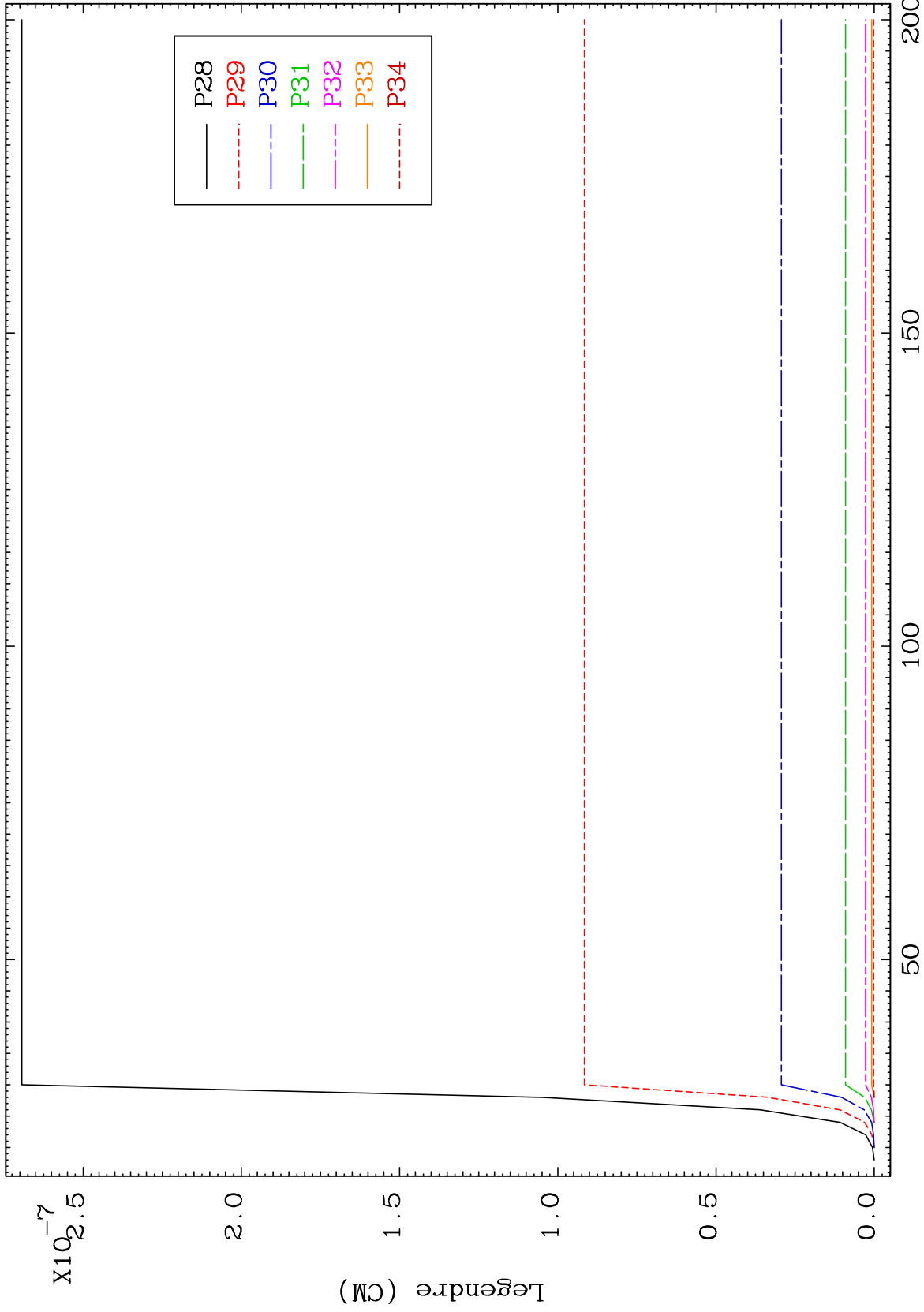
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



79

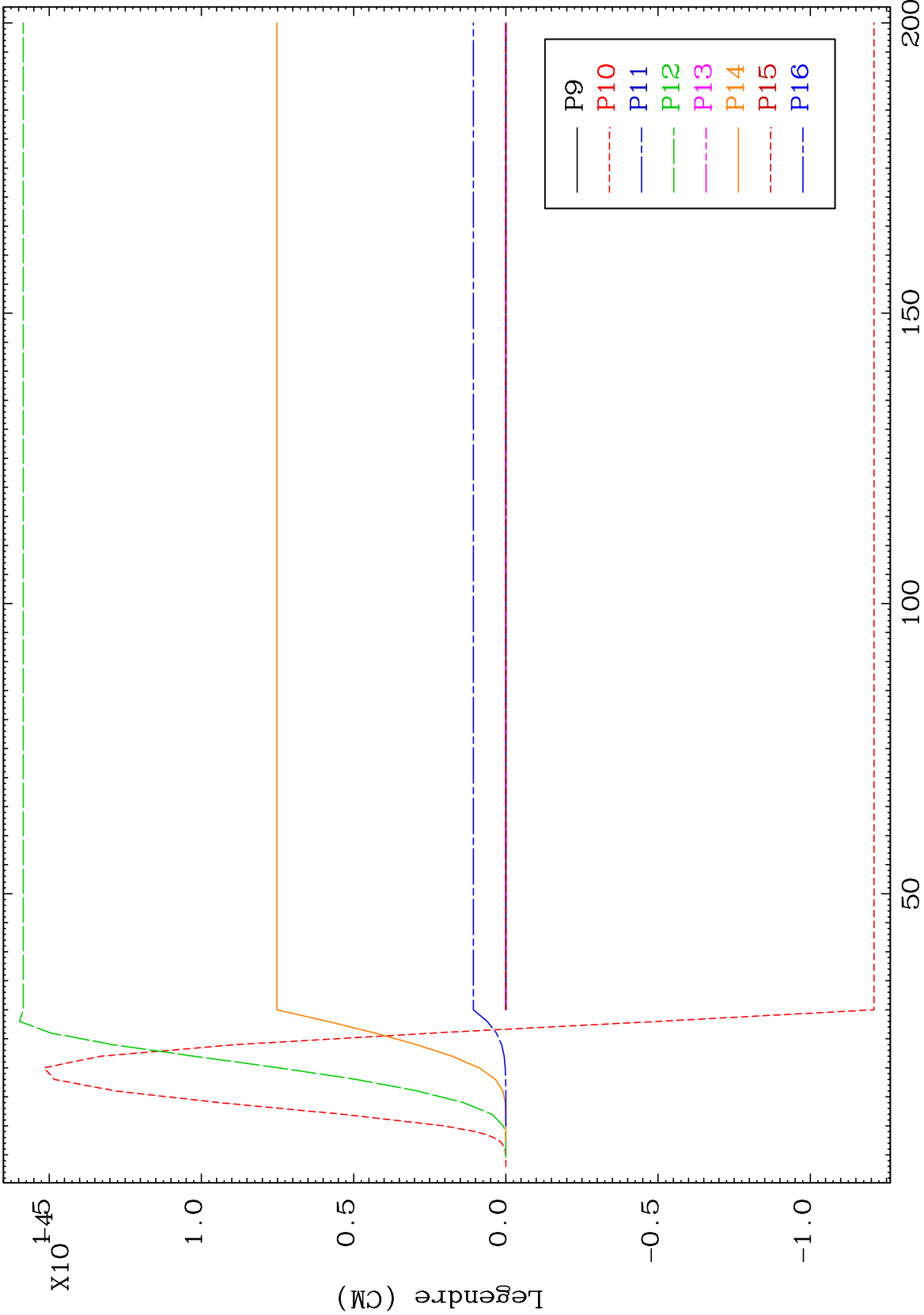
Incident Energy (MeV)

39-Y -90

MAT 3928

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

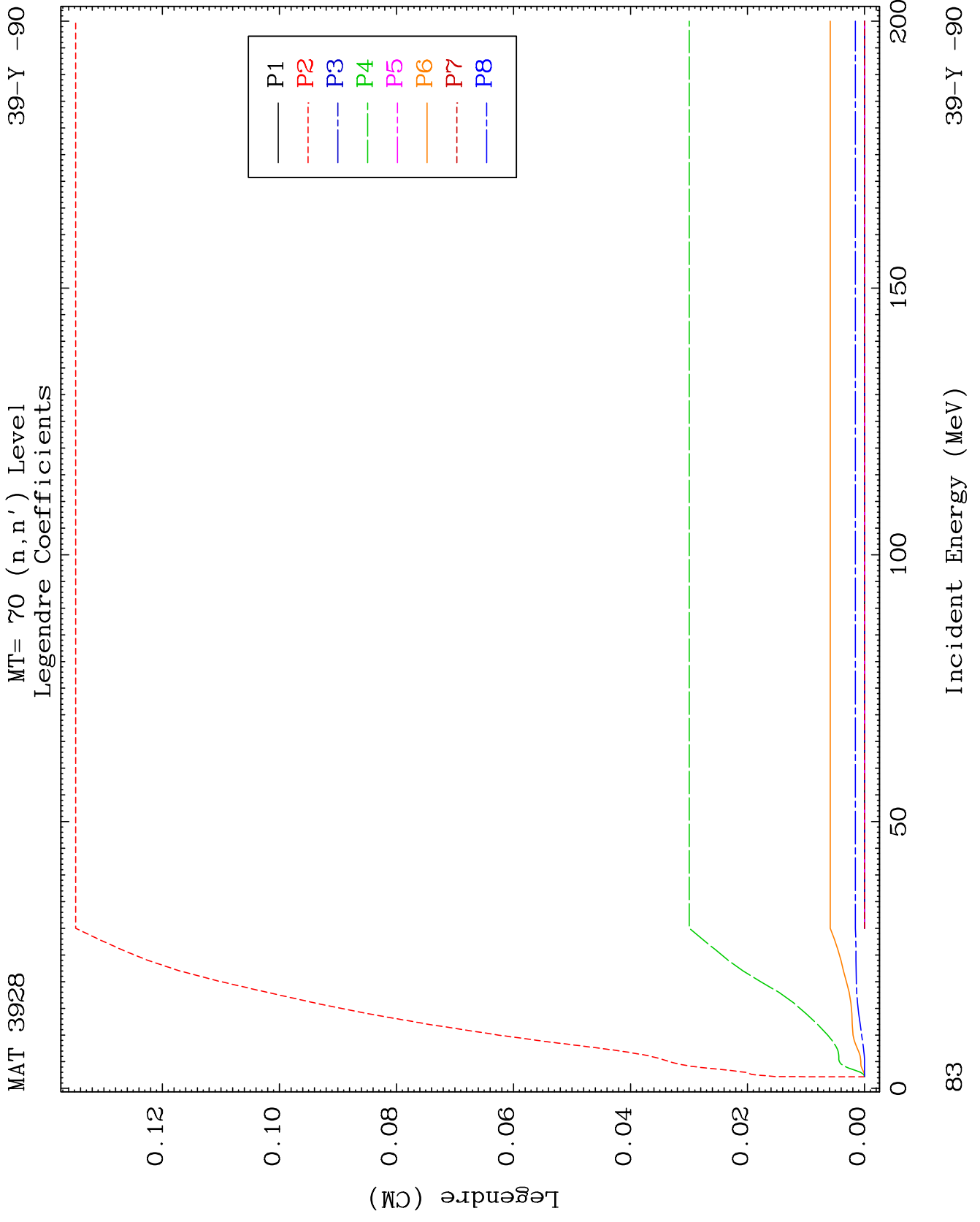
39-Y -90



81

Incident Energy (MeV)

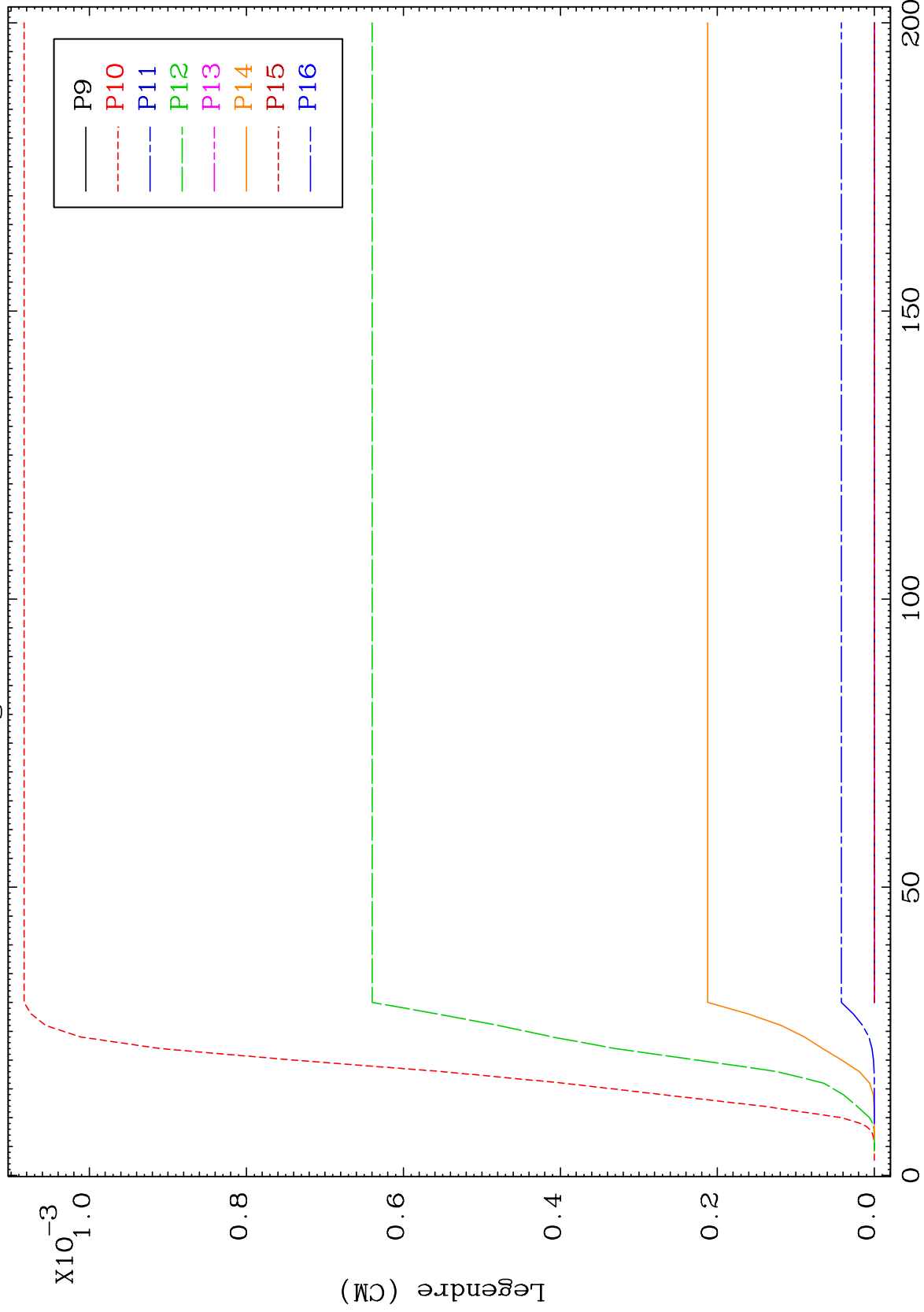
39-Y -90



MAT 3928

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

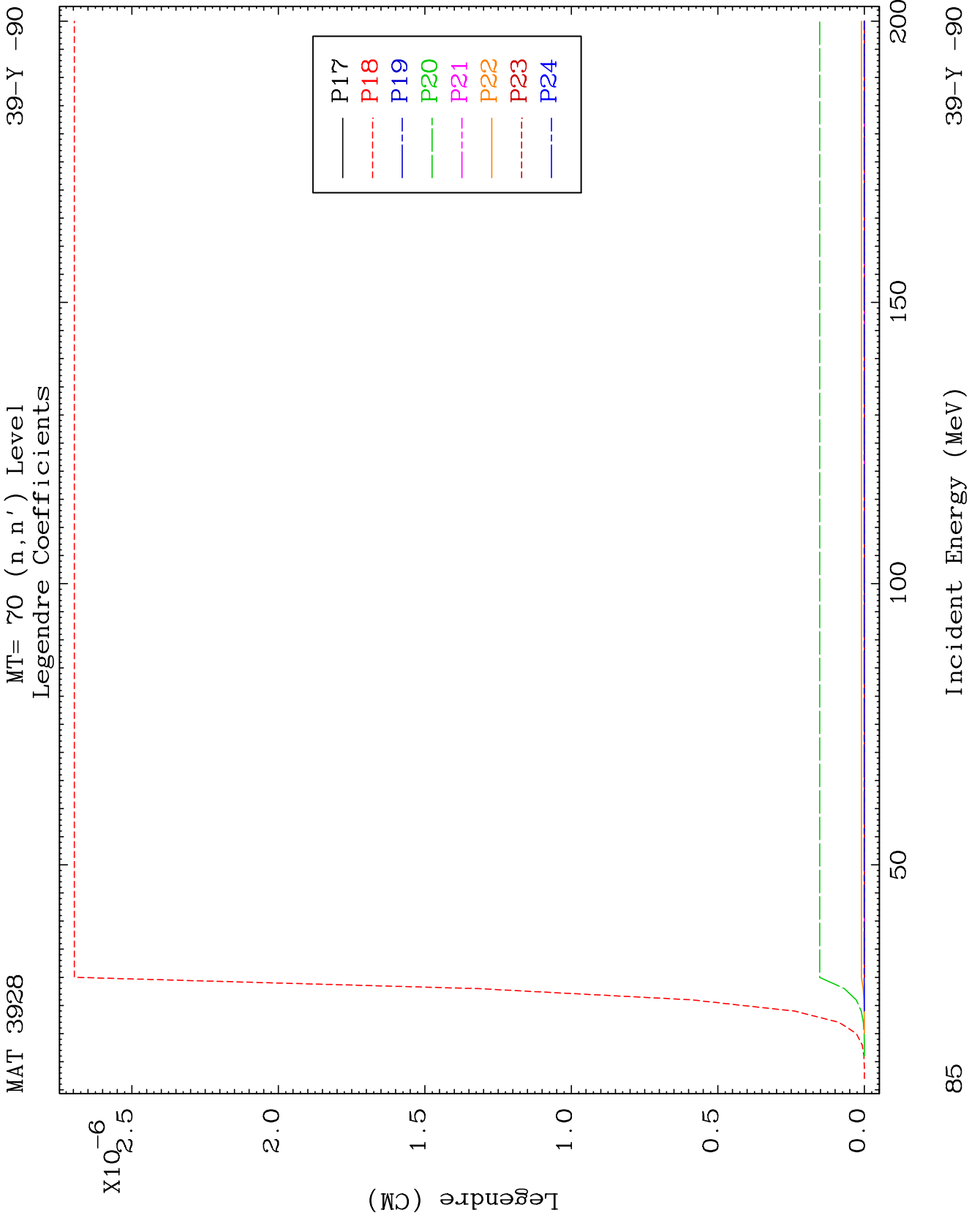
39-Y -90



84

Incident Energy (MeV)

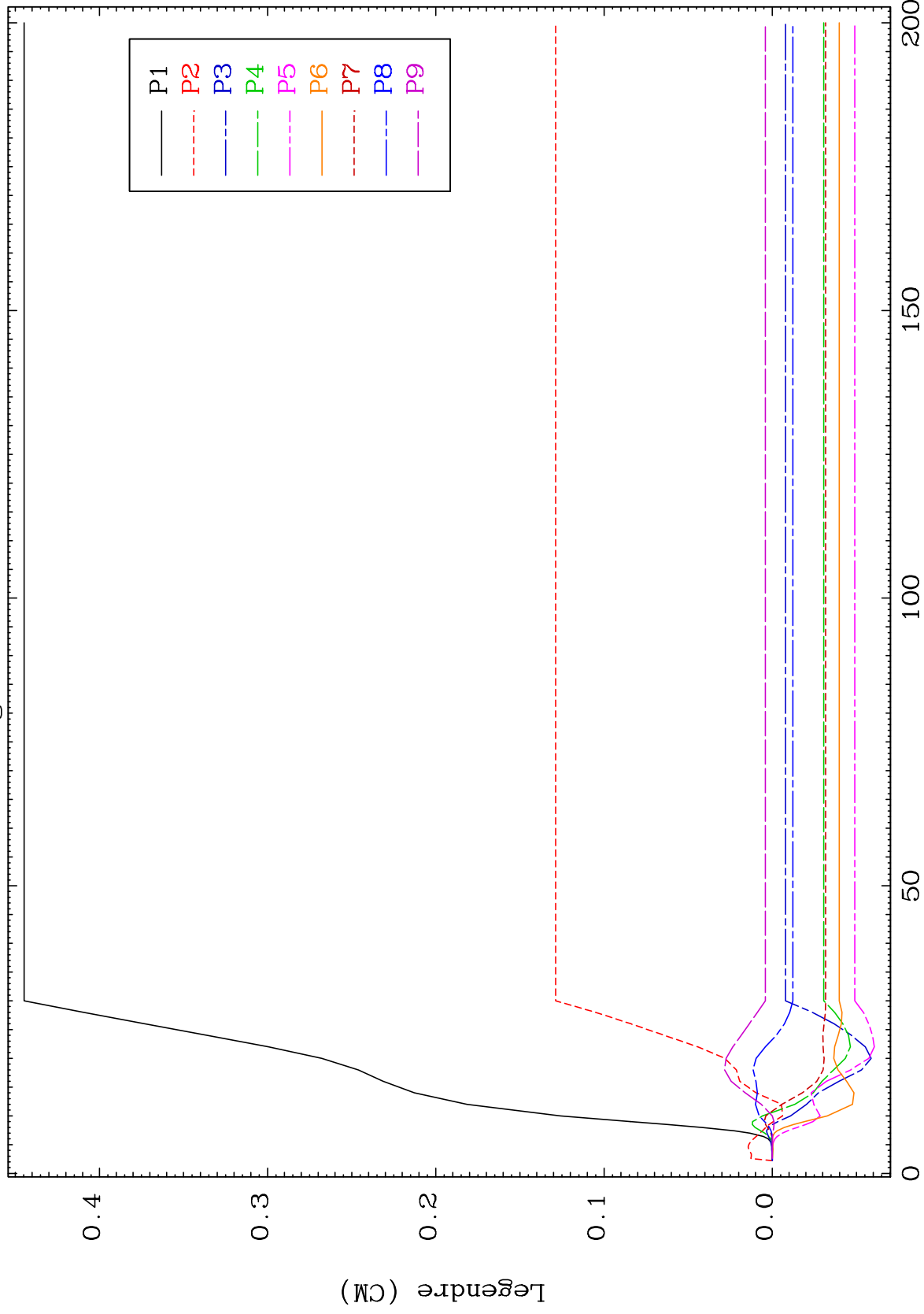
39-Y -90



MAT 3928

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

39-Y -90



86

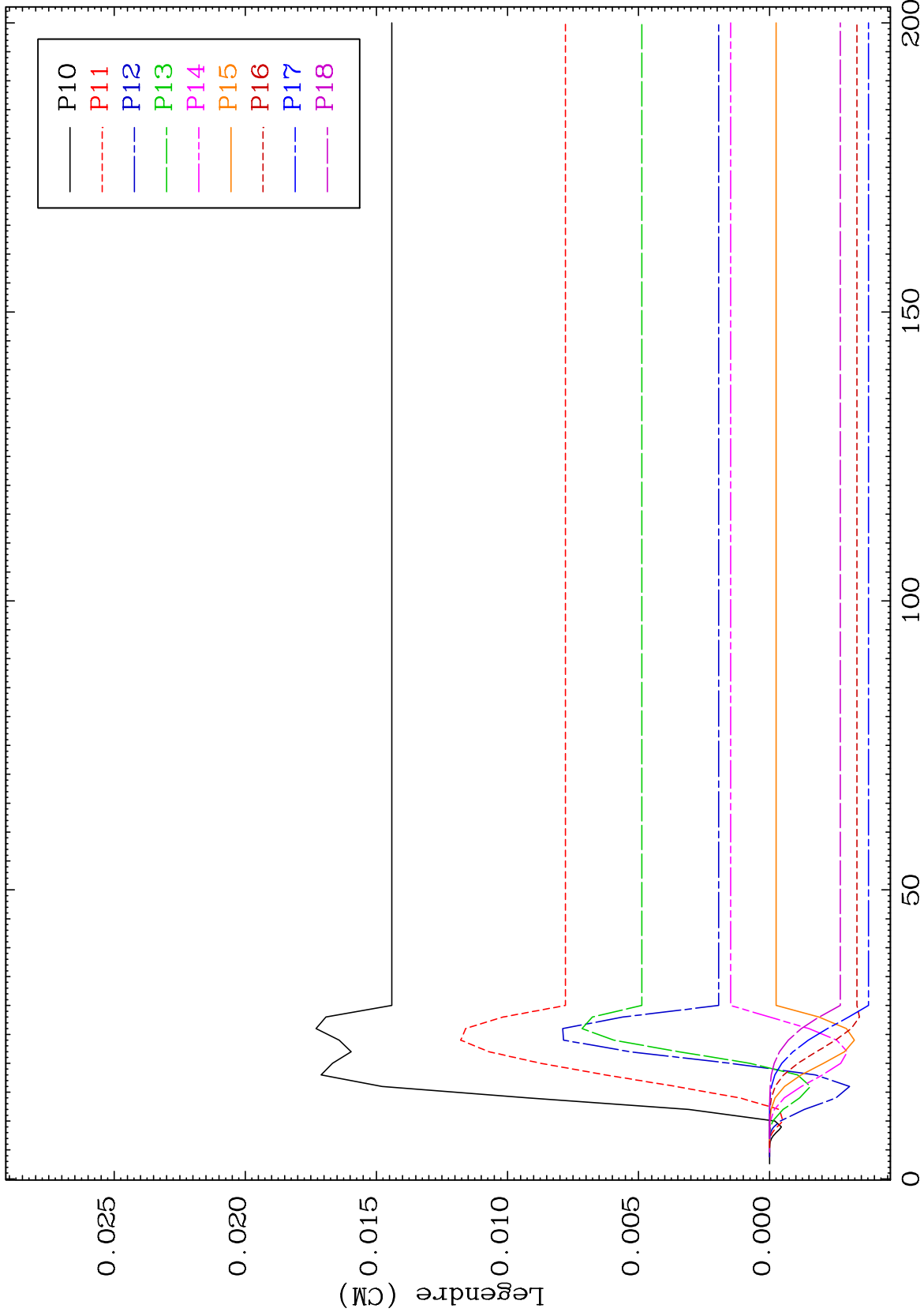
Incident Energy (MeV)

39-Y -90

MAT 3928

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

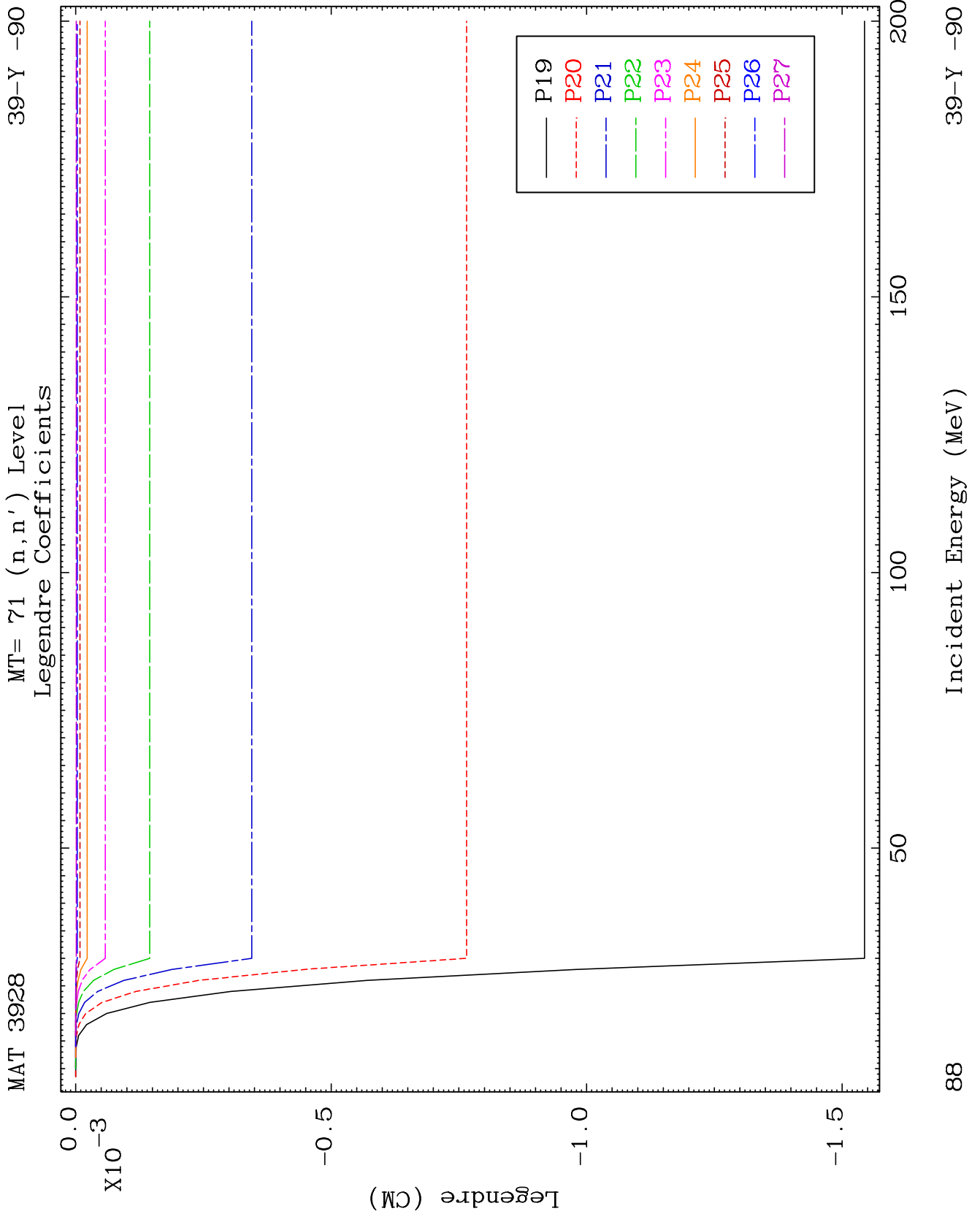
39-Y -90

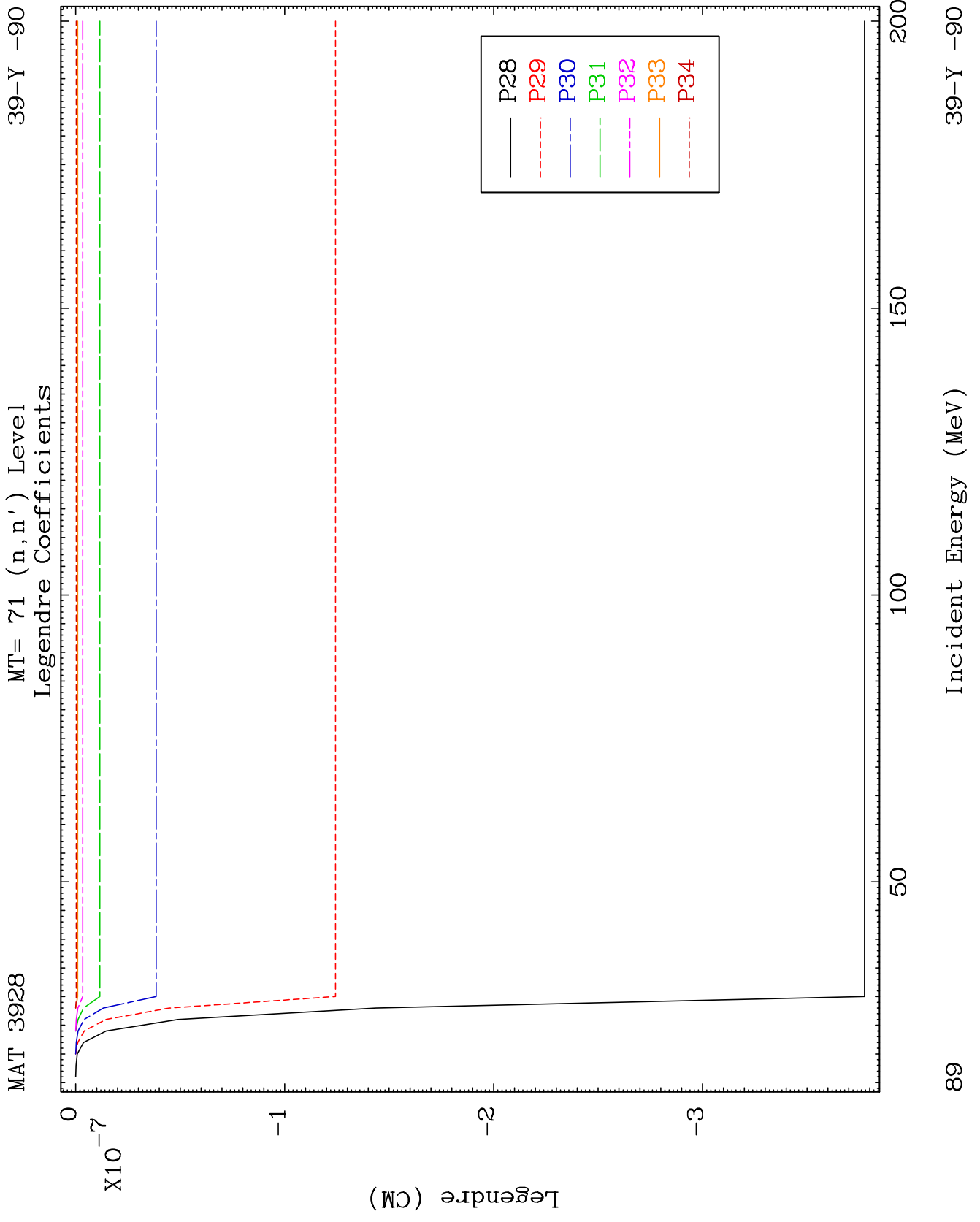


87

Incident Energy (MeV)

39-Y -90

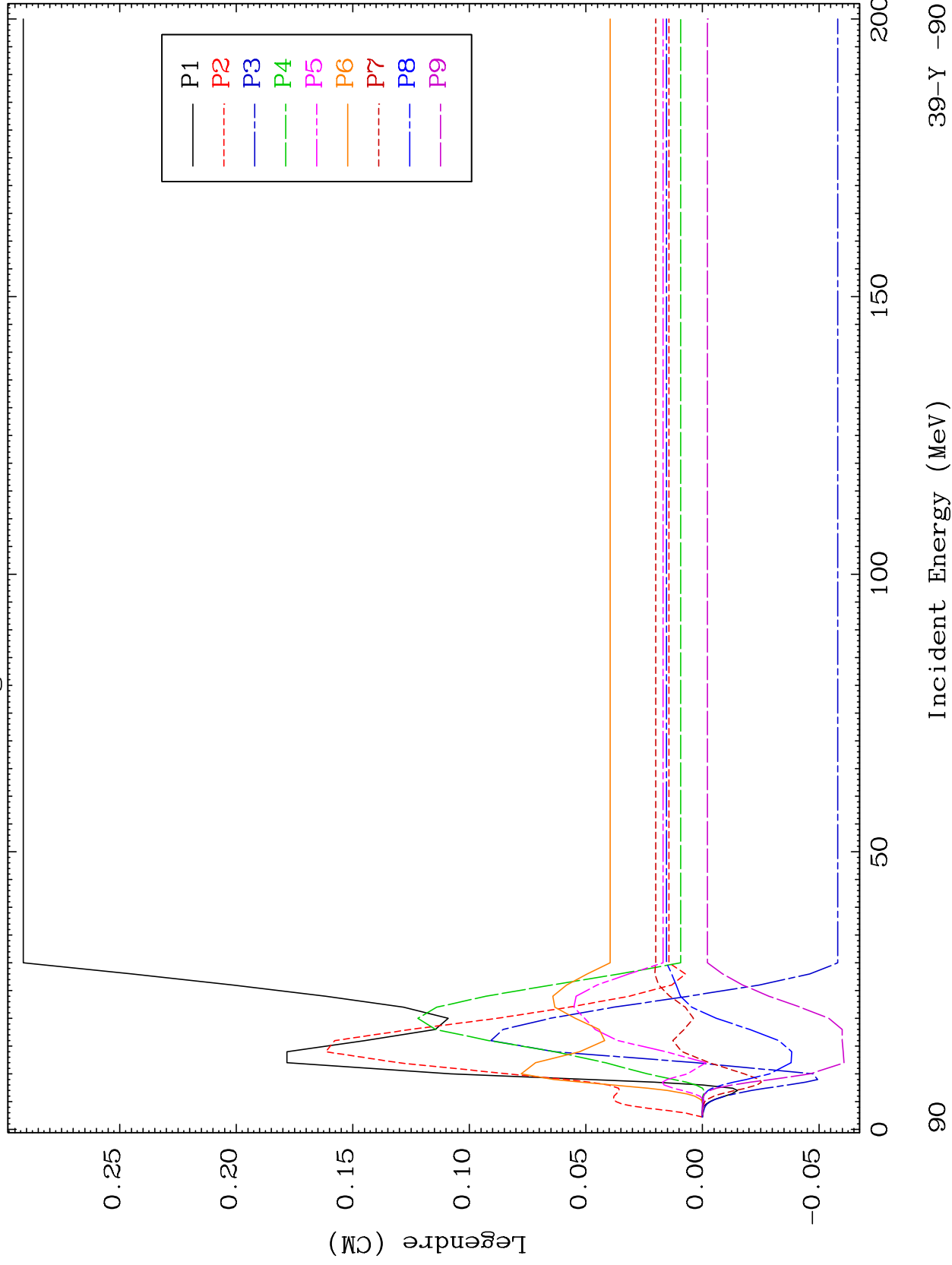




MAT 3928

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

39-Y -90



39-Y -90

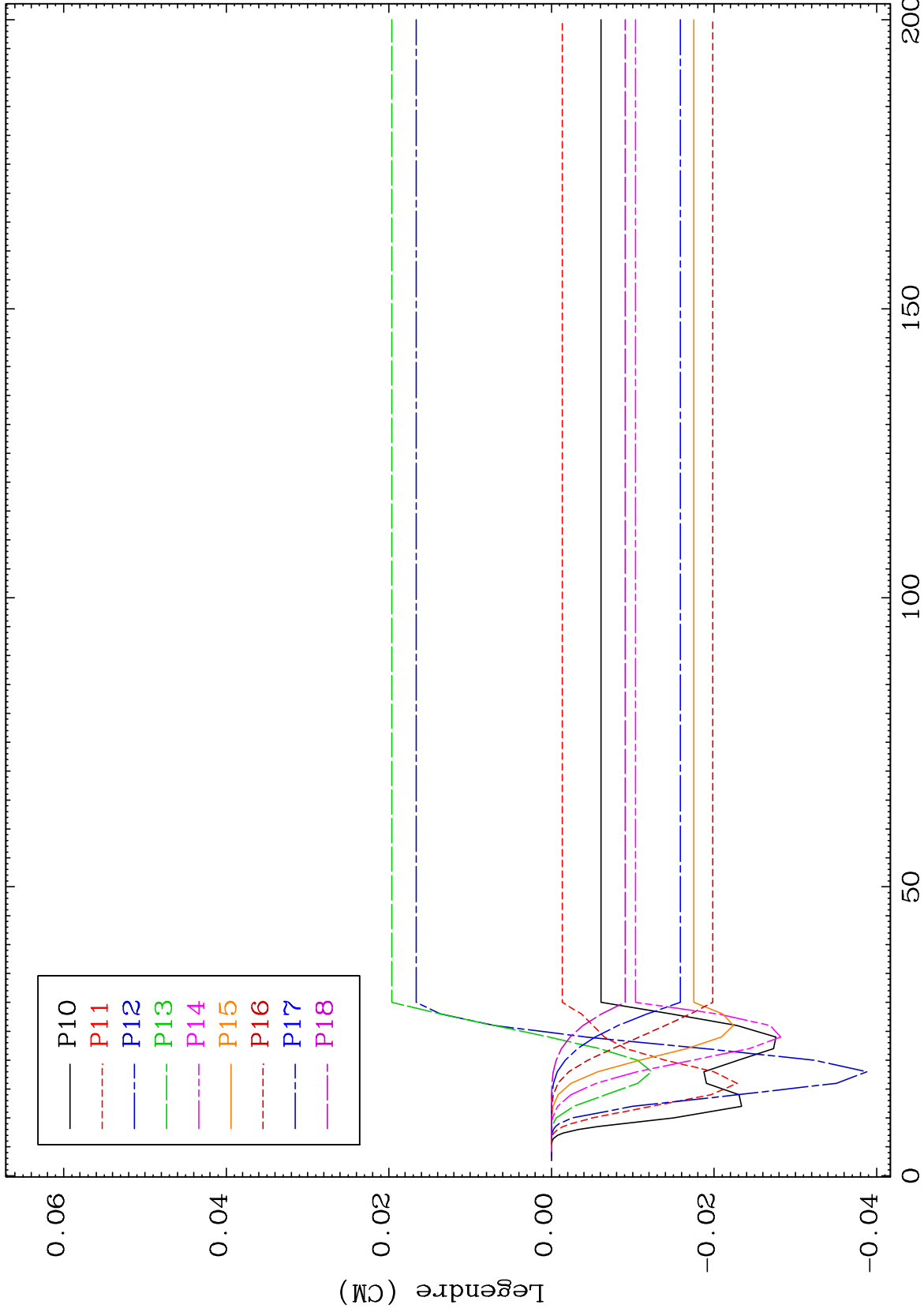
Incident Energy (MeV)

90

MAT 3928

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

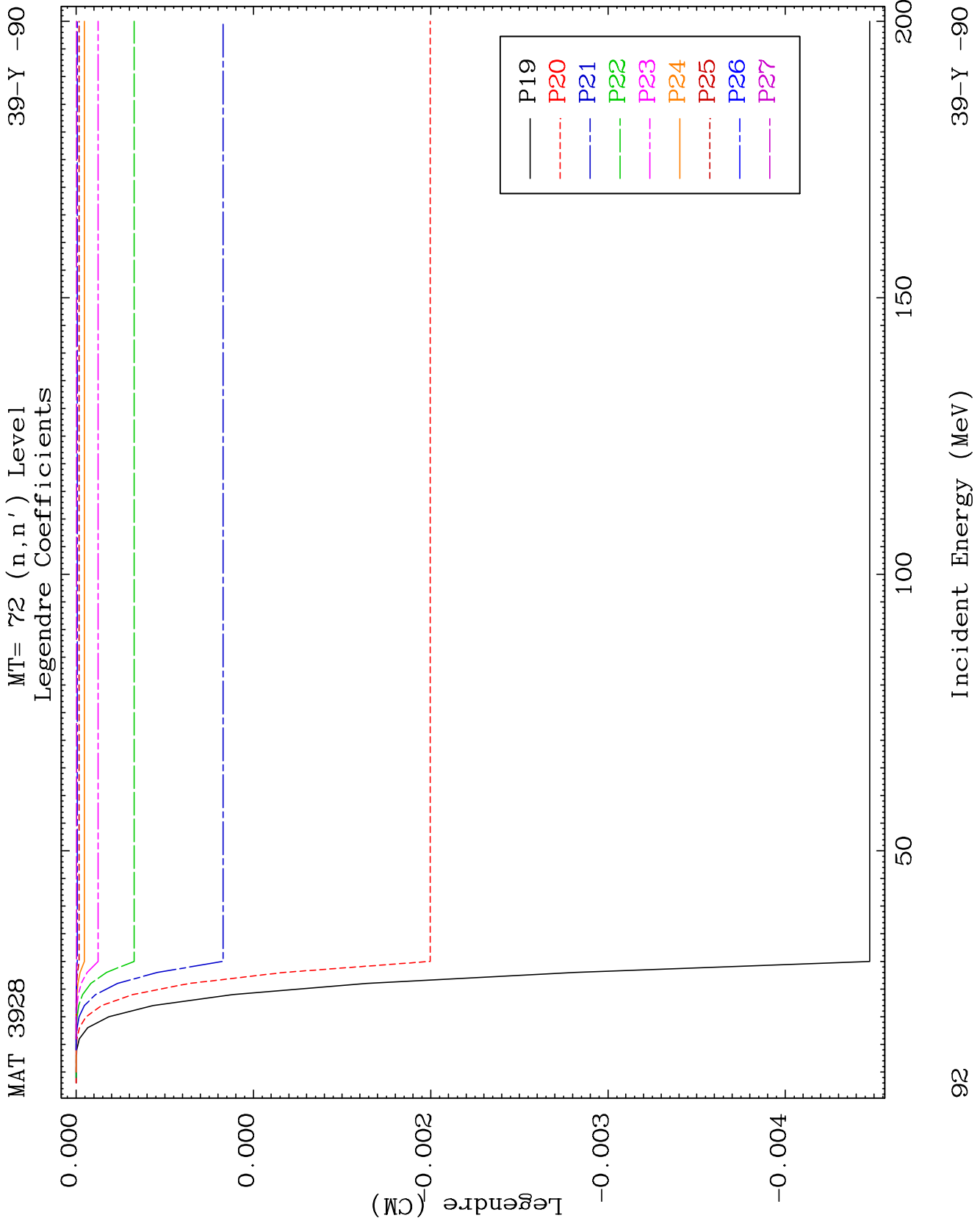
39-Y -90

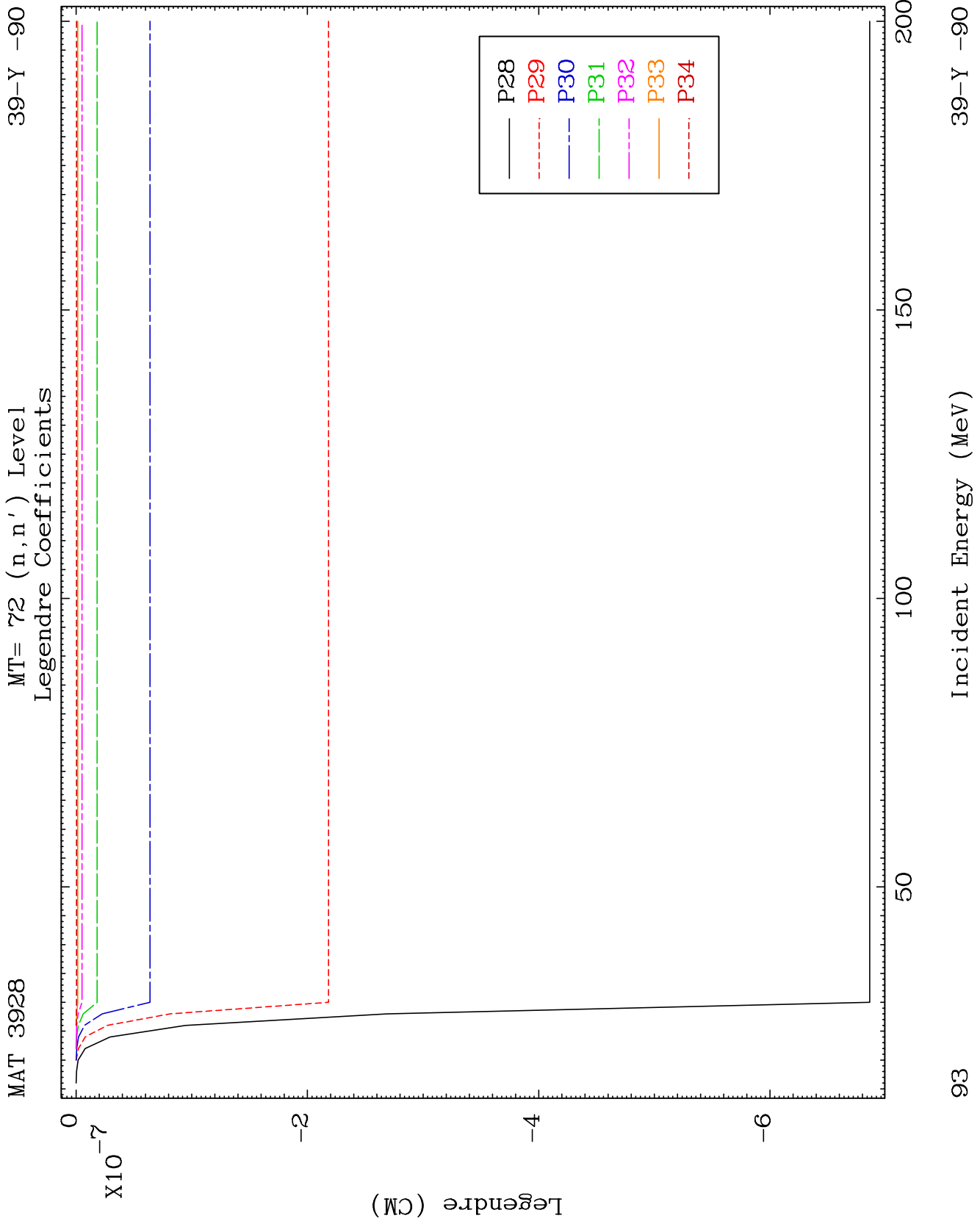


91

Incident Energy (MeV)

39-Y -90

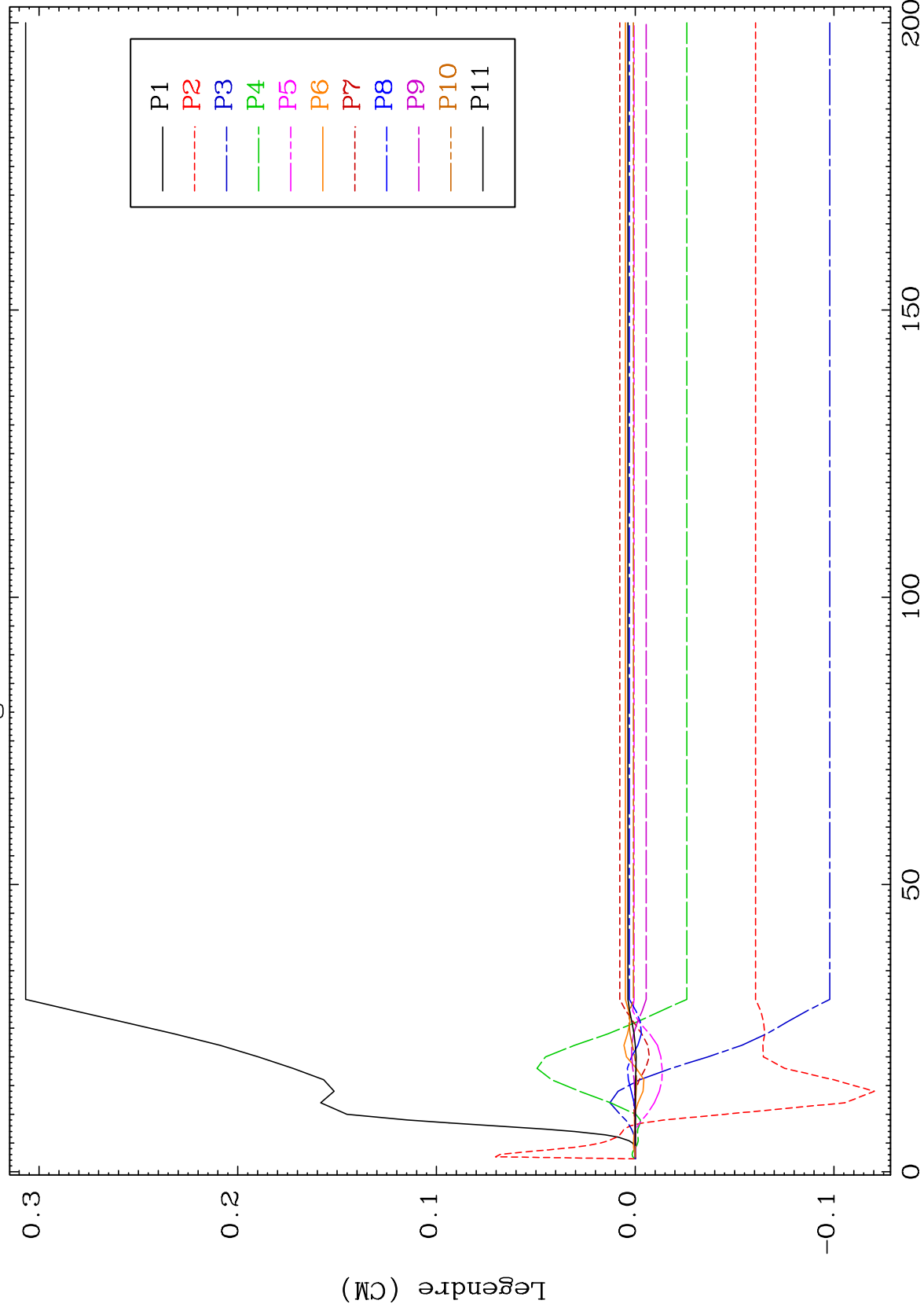




MAT 3928

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

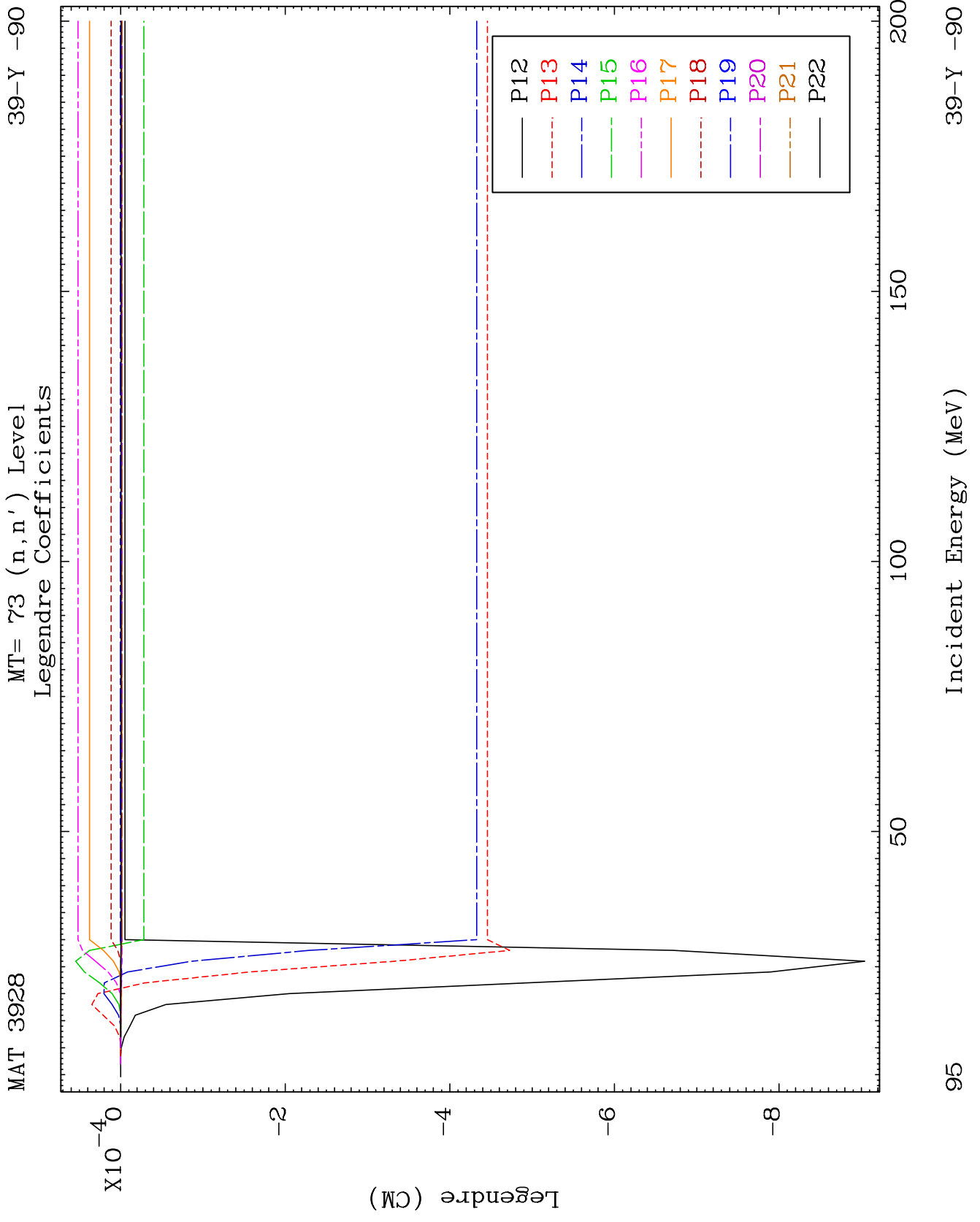
39-Y -90

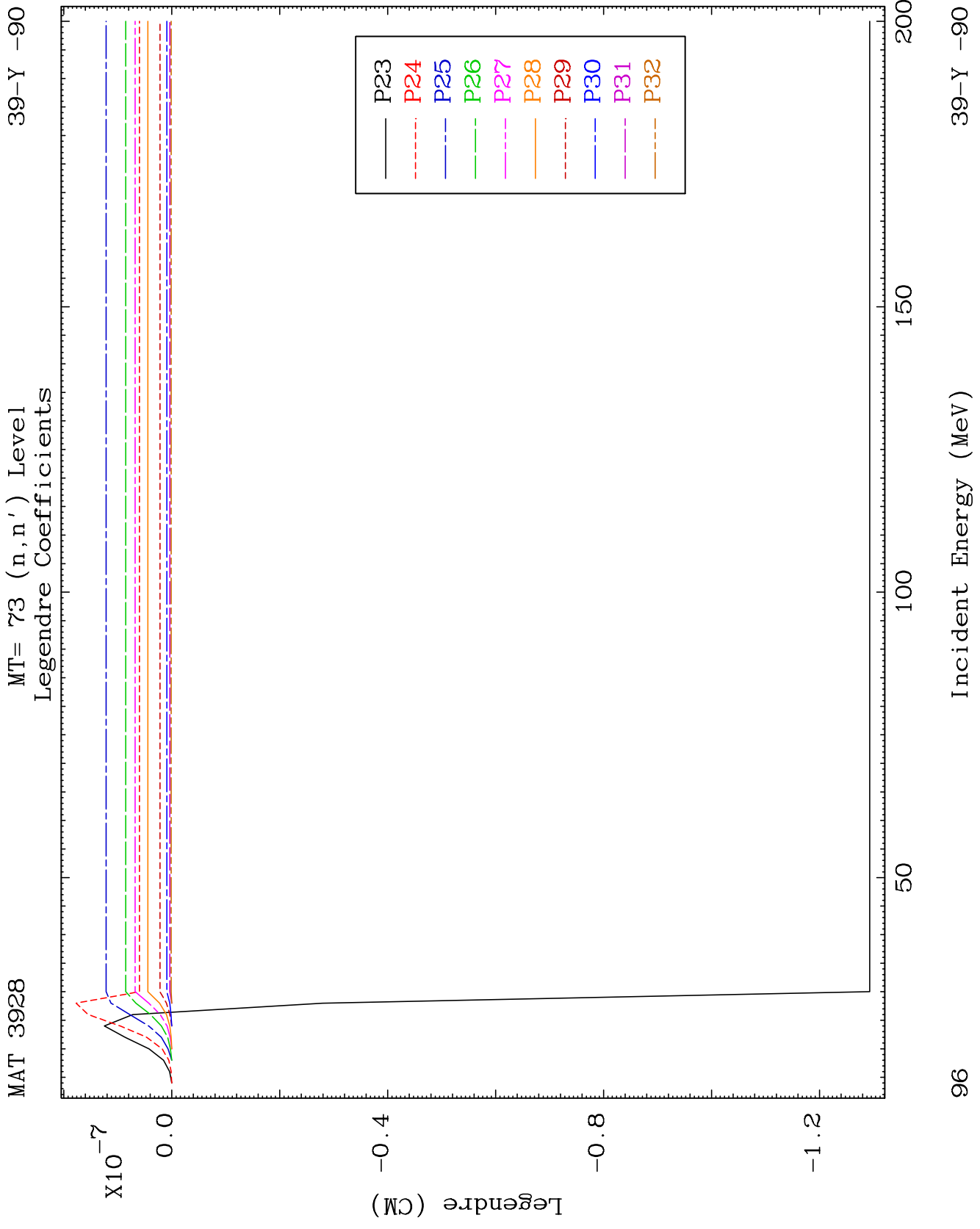


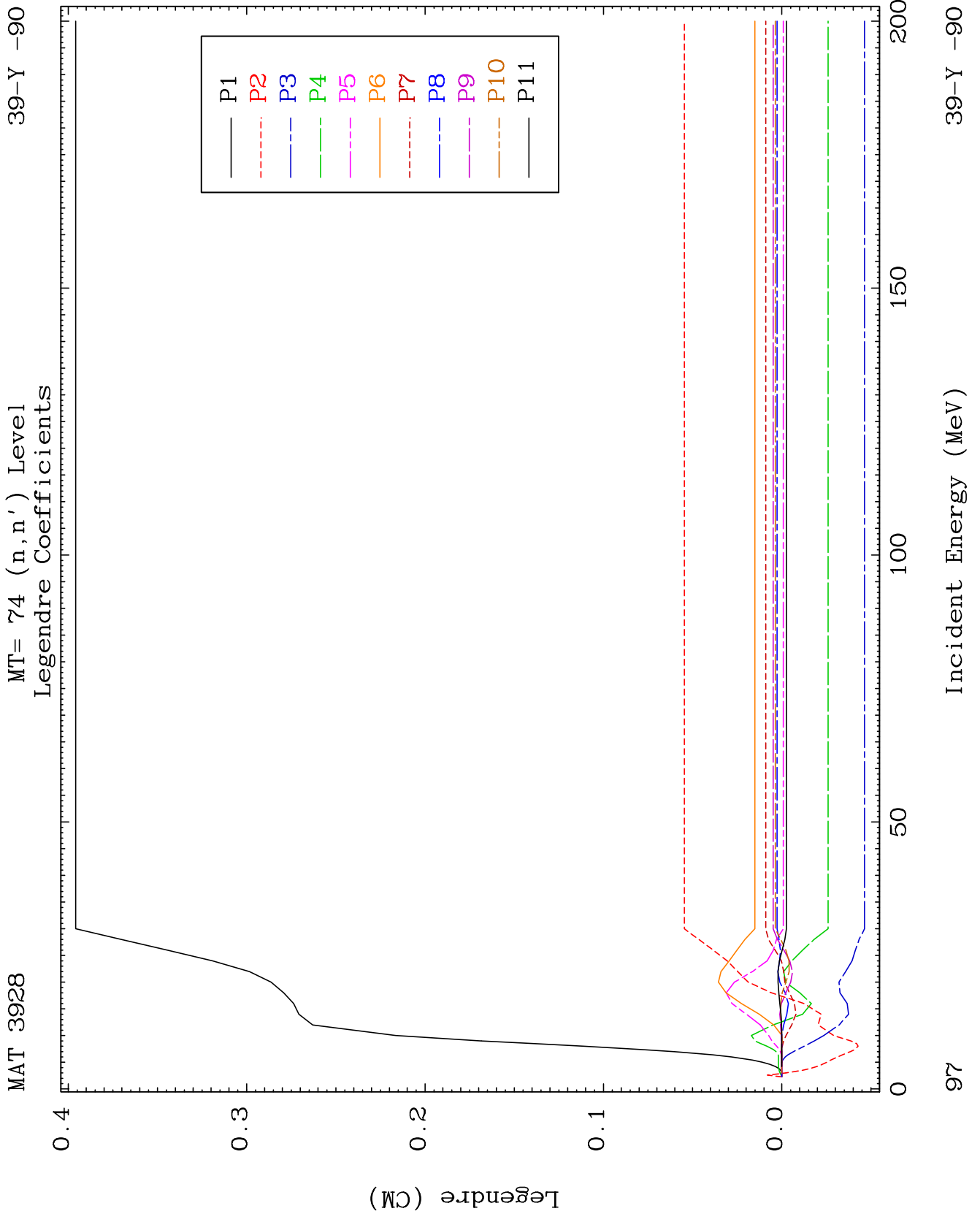
94

Incident Energy (MeV)

39-Y -90



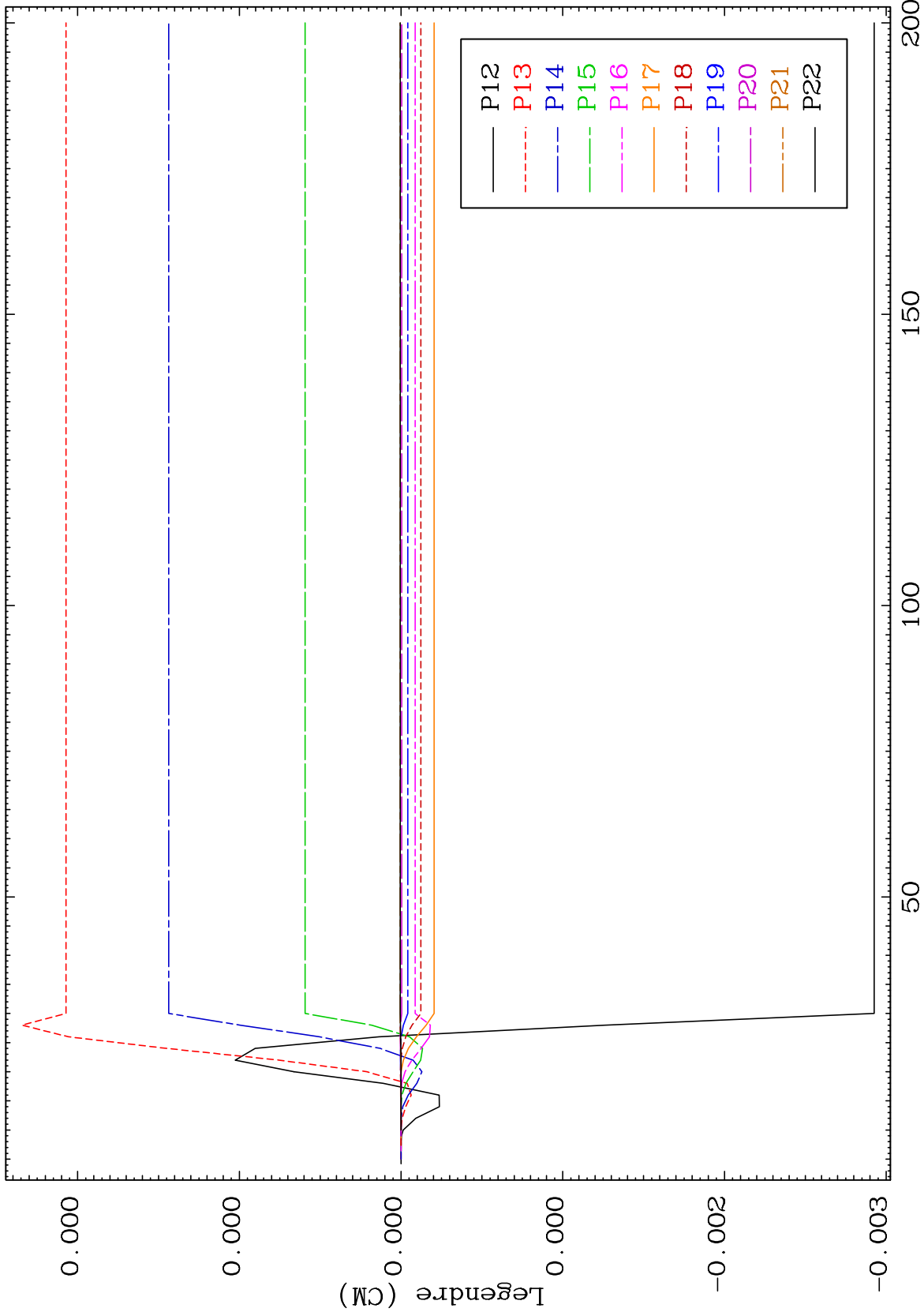




MAT 3928

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

39-Y -90



98

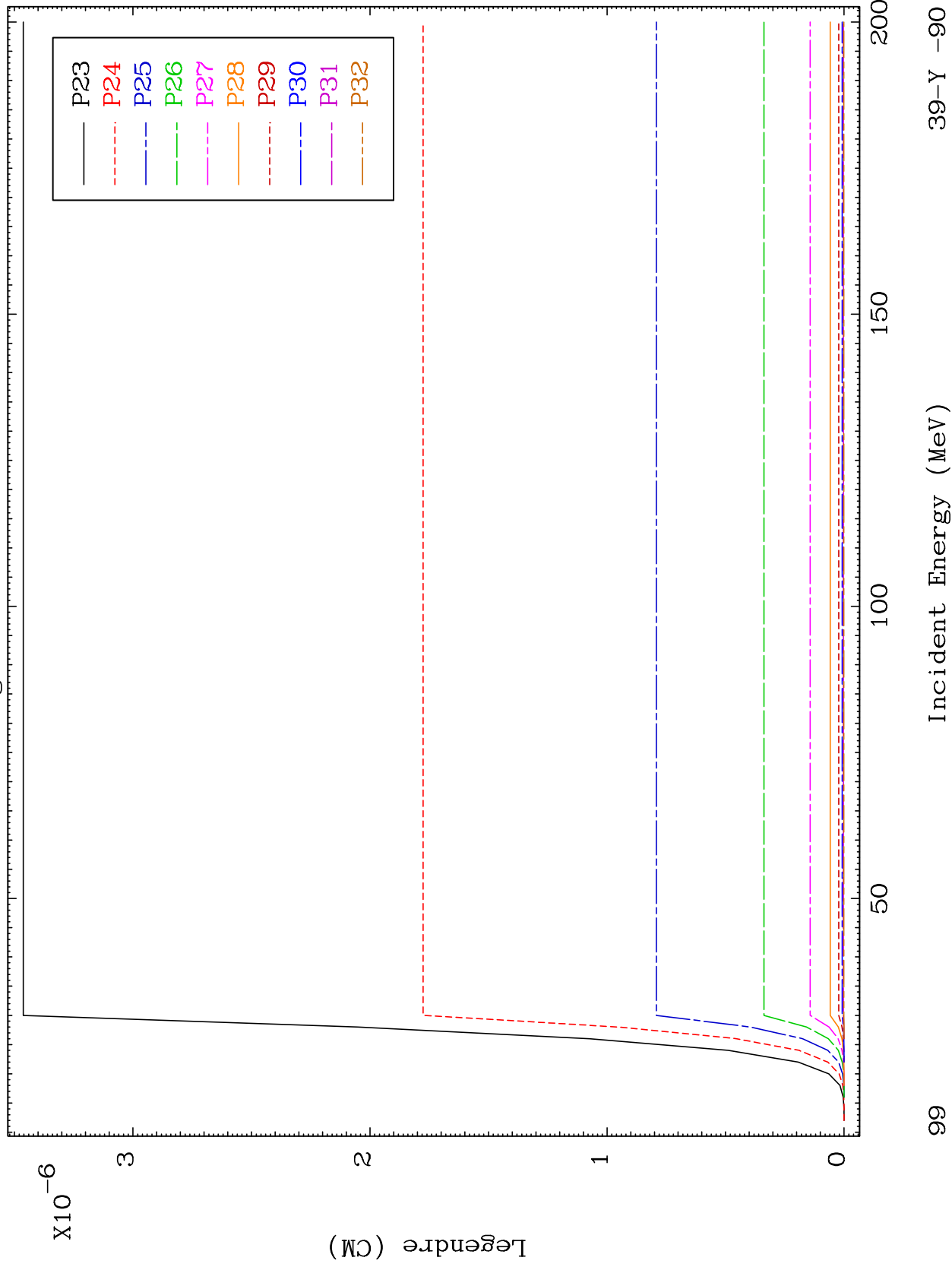
Incident Energy (MeV)

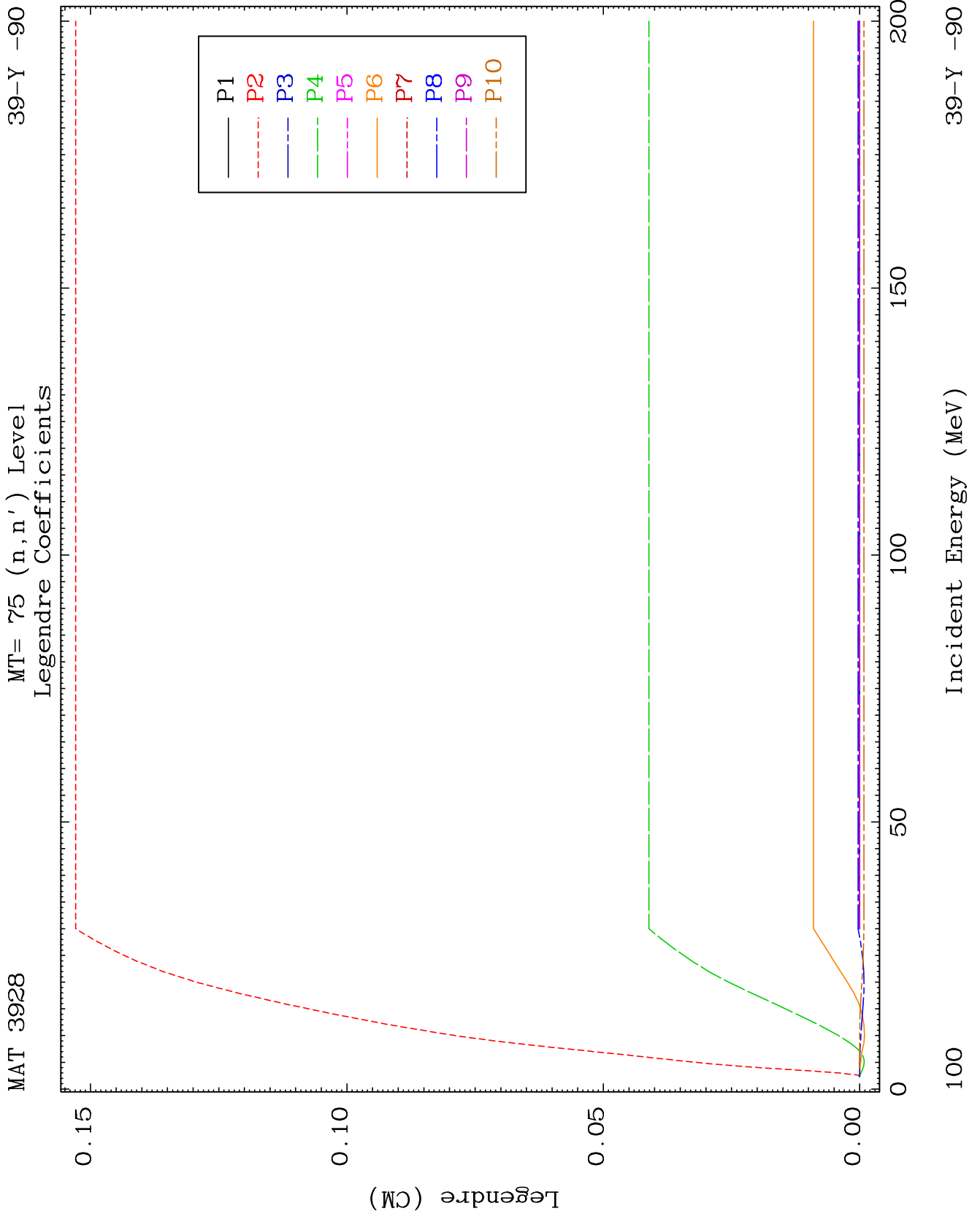
39-Y -90

MAT 3928

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

39-Y -90

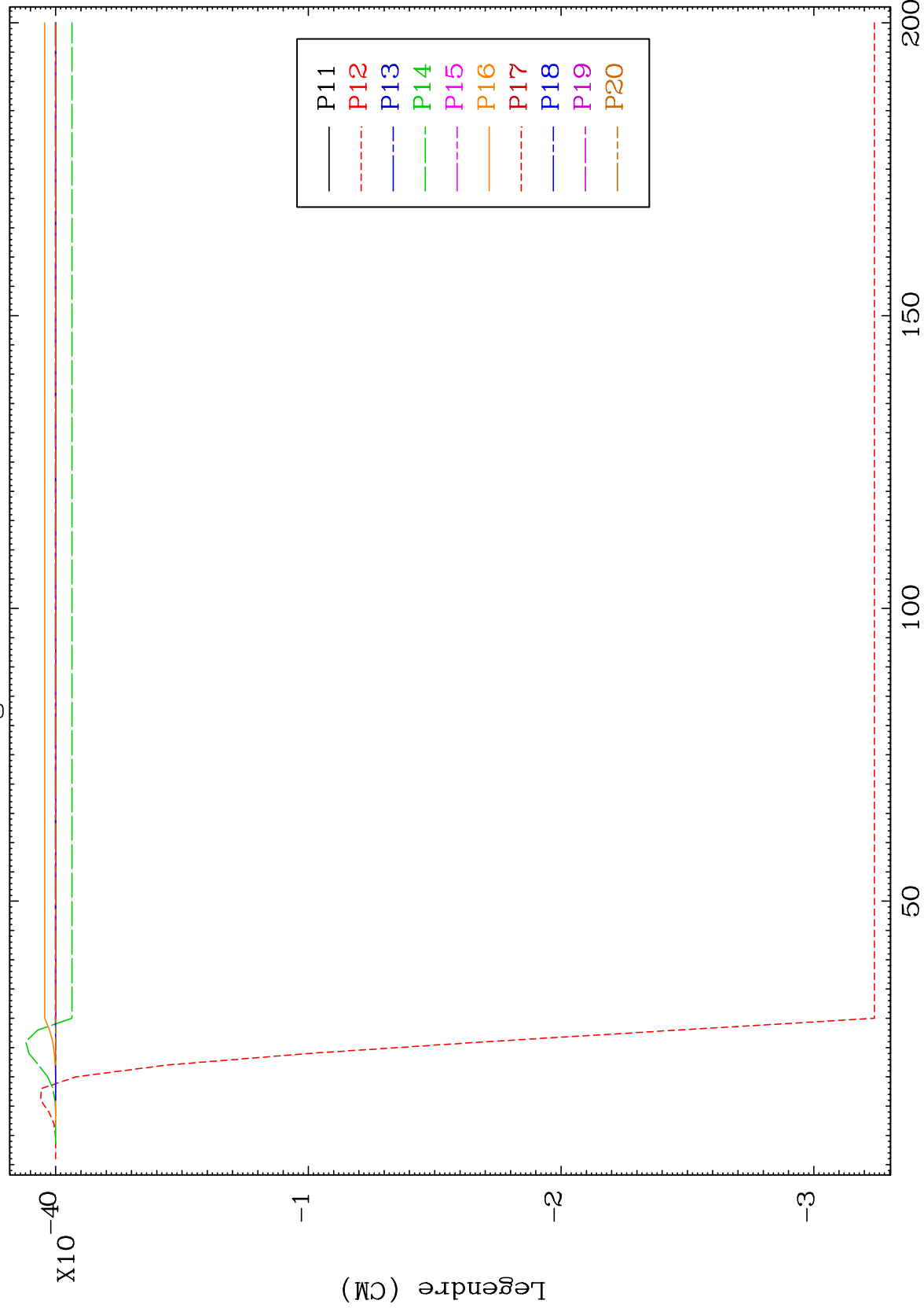




MAT 3928

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

39-Y -90



101

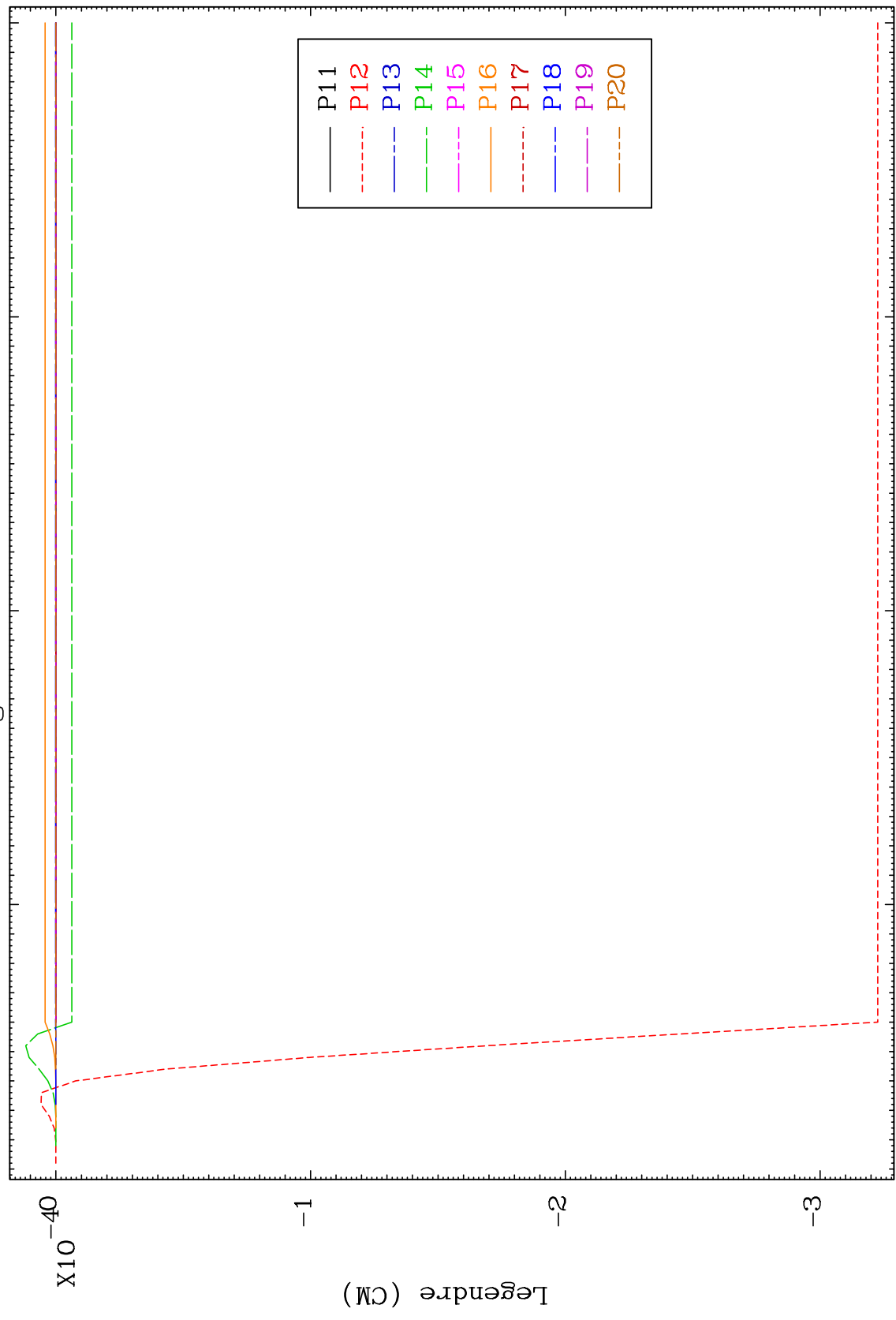
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



103

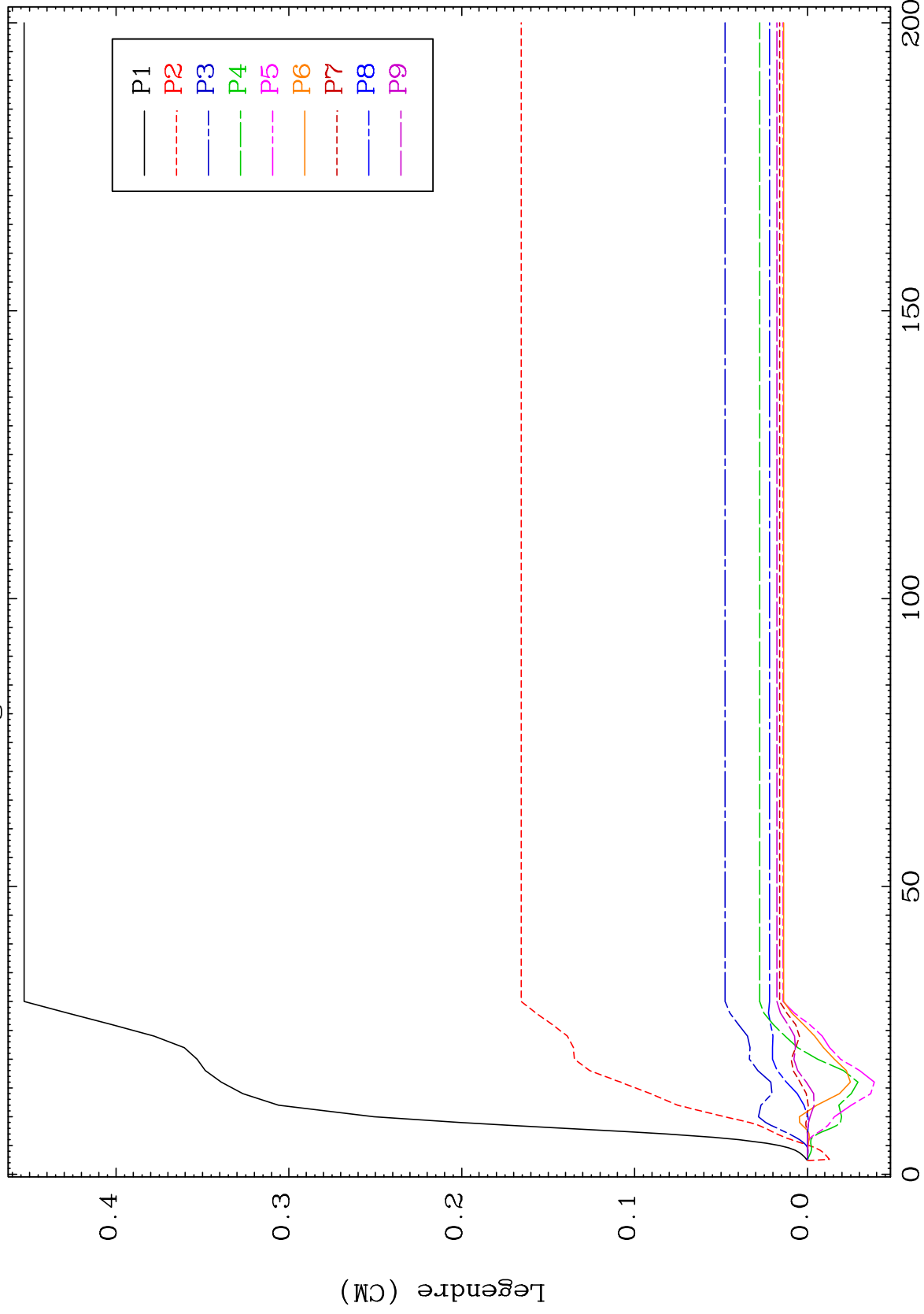
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



104

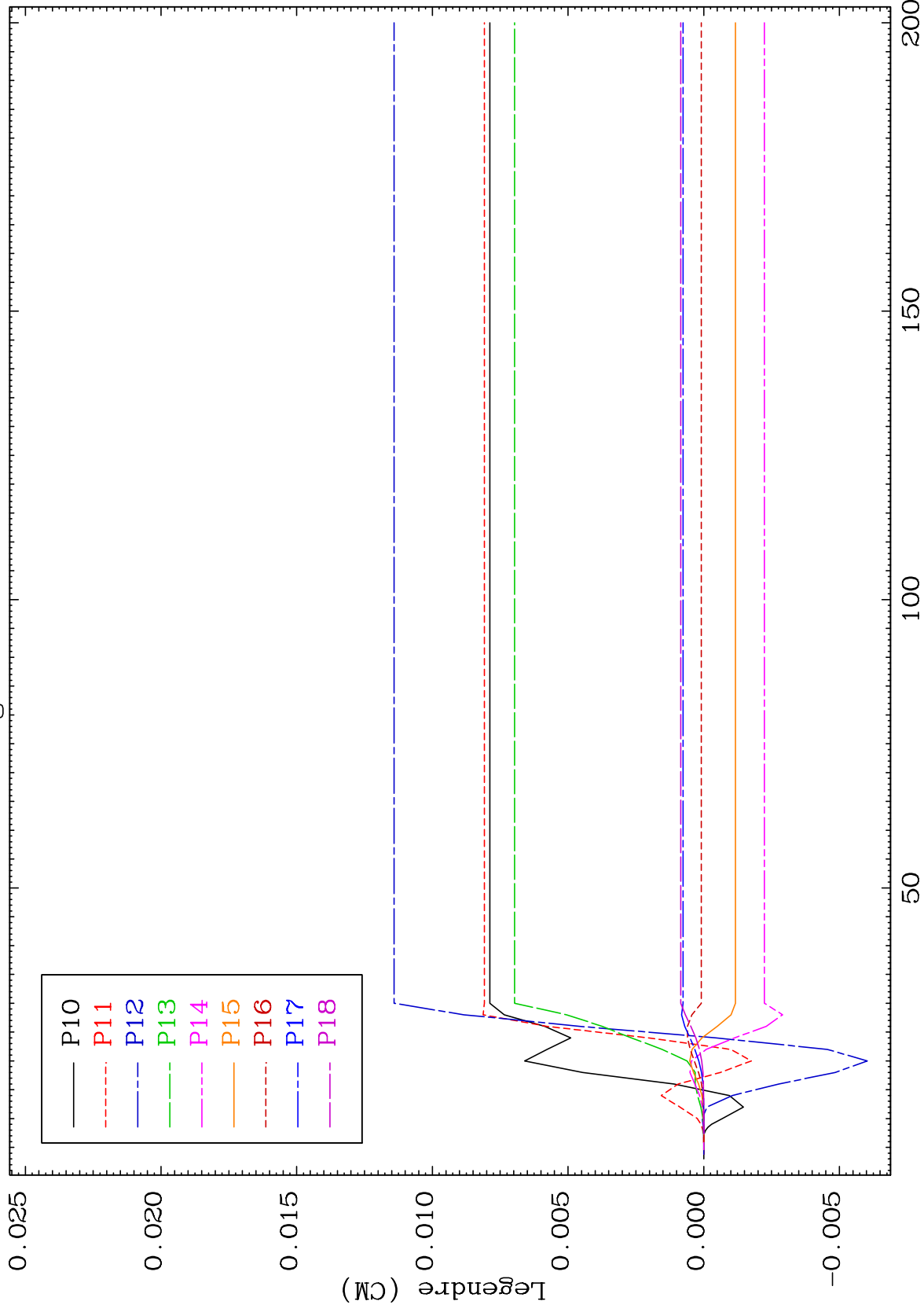
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



105

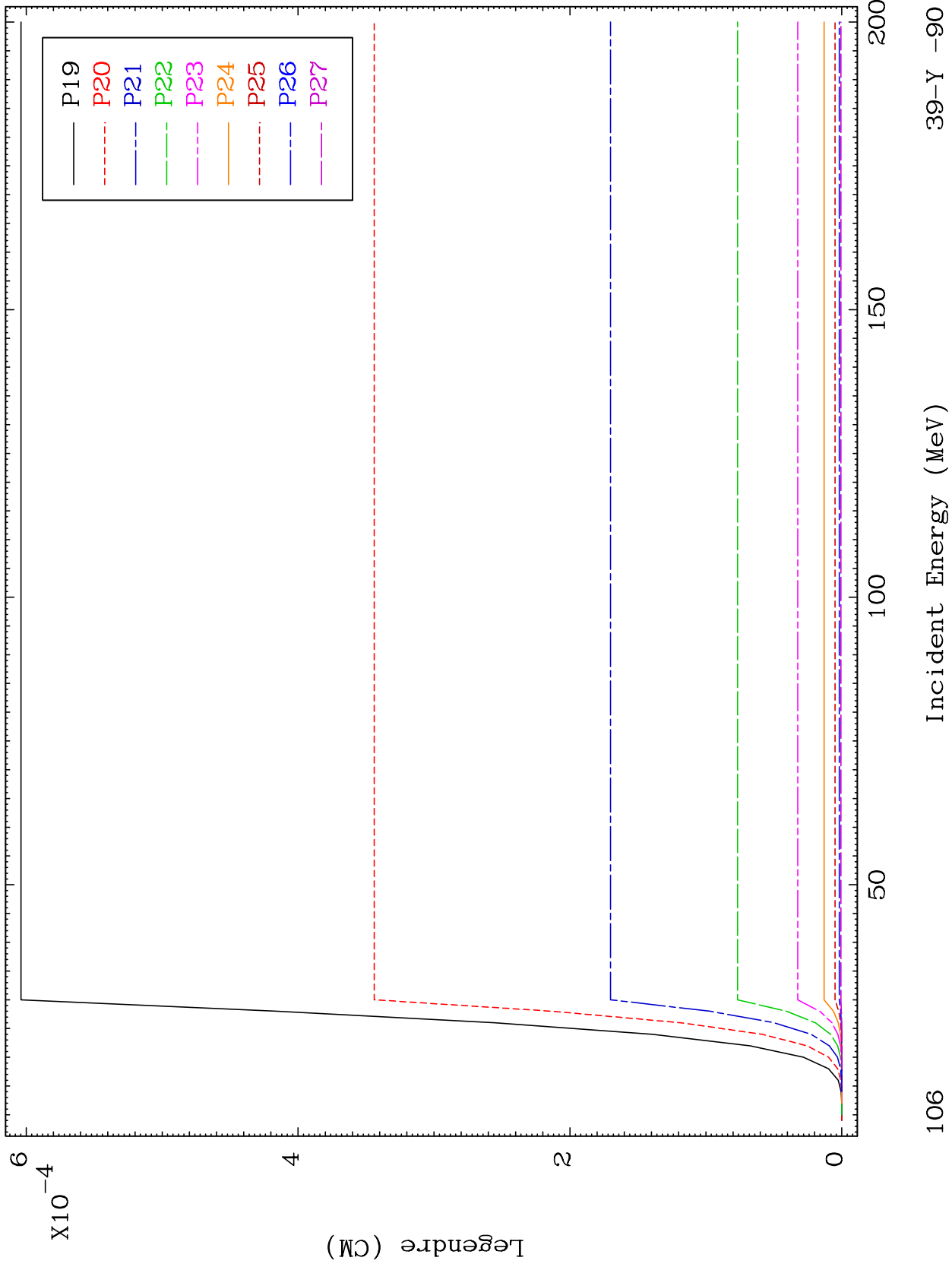
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



106

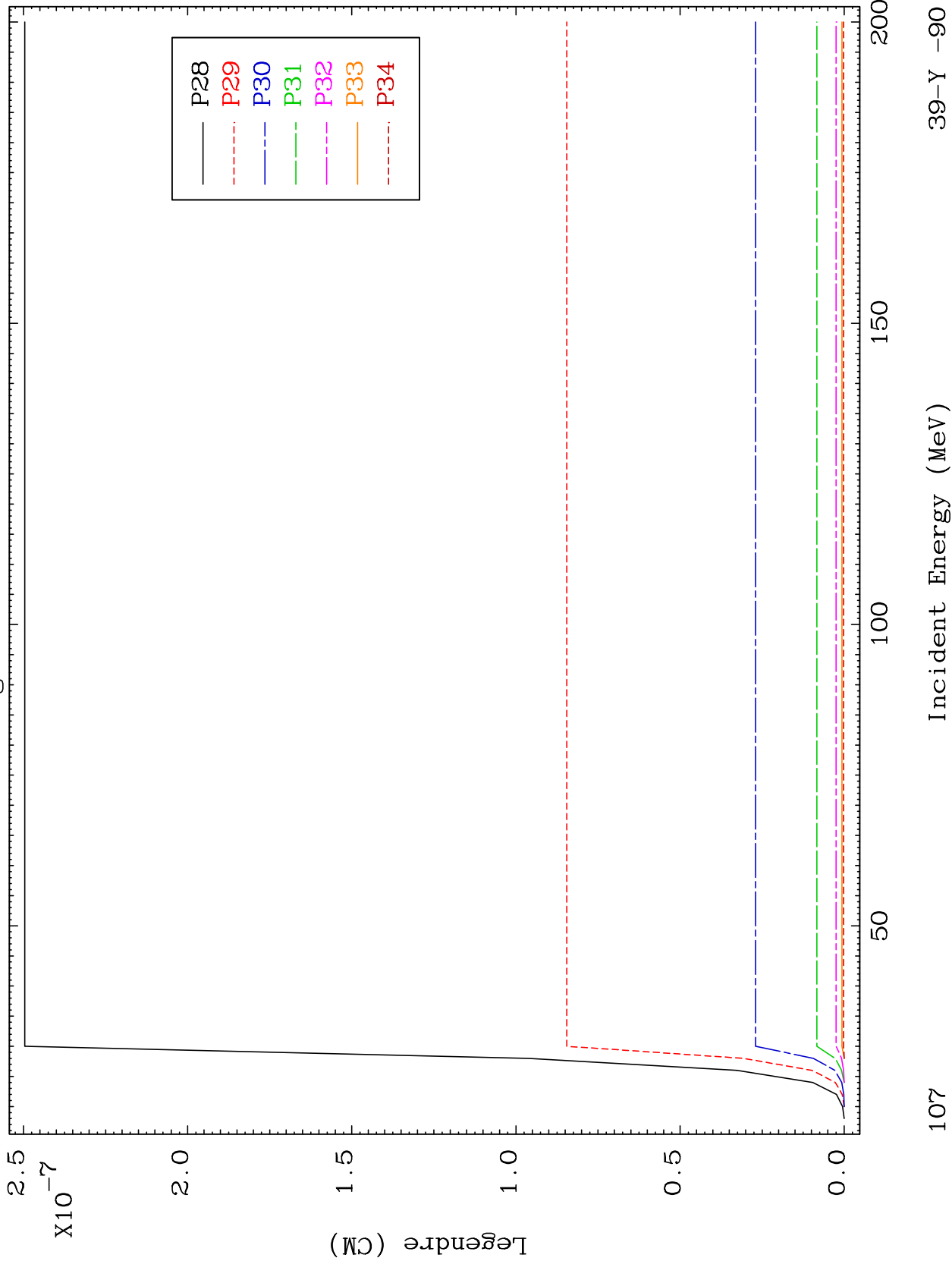
Incident Energy (MeV)

39-Y -90

MAT 3928

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

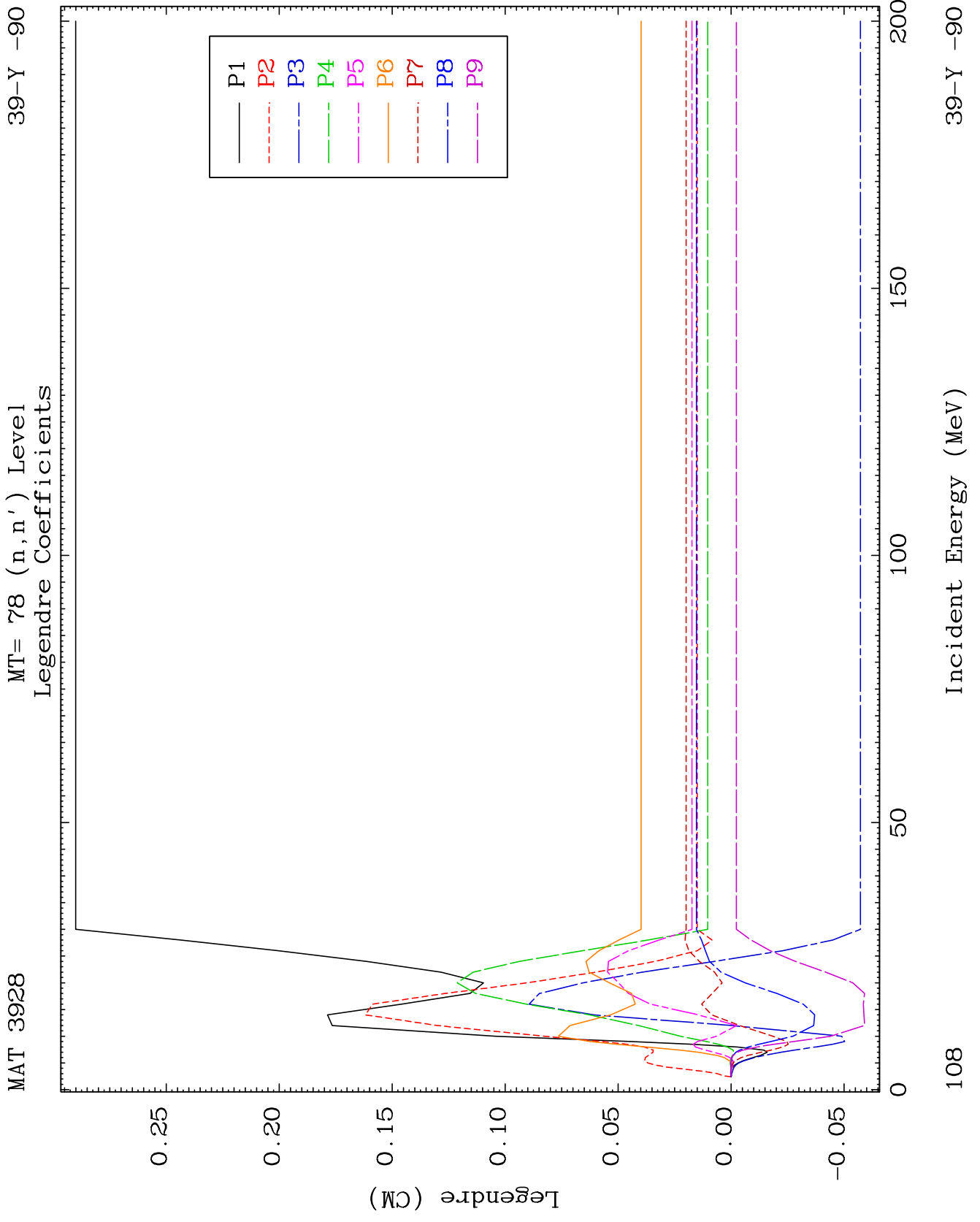
39-Y -90



107

Incident Energy (MeV)

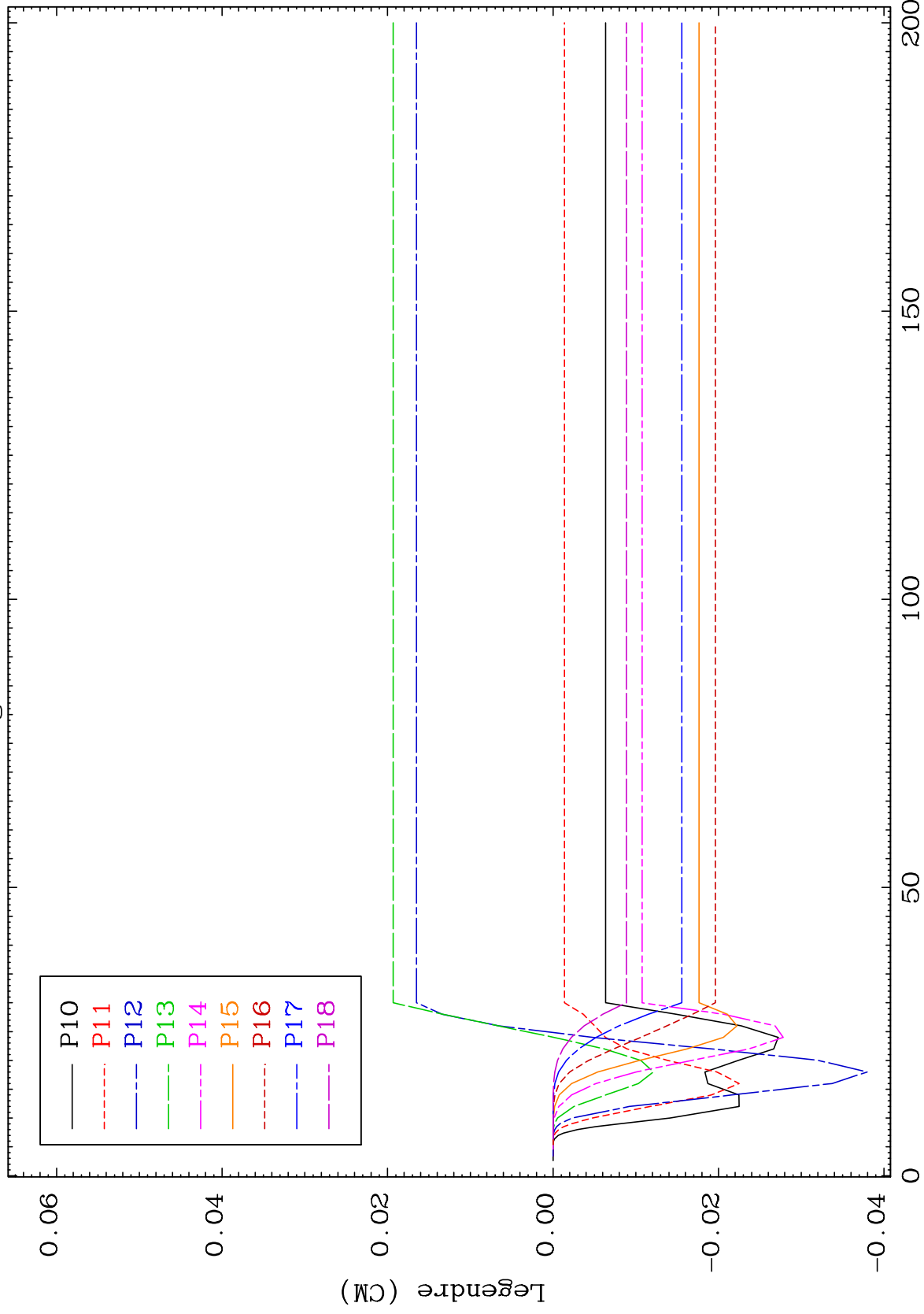
39-Y -90



MAT 3928

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

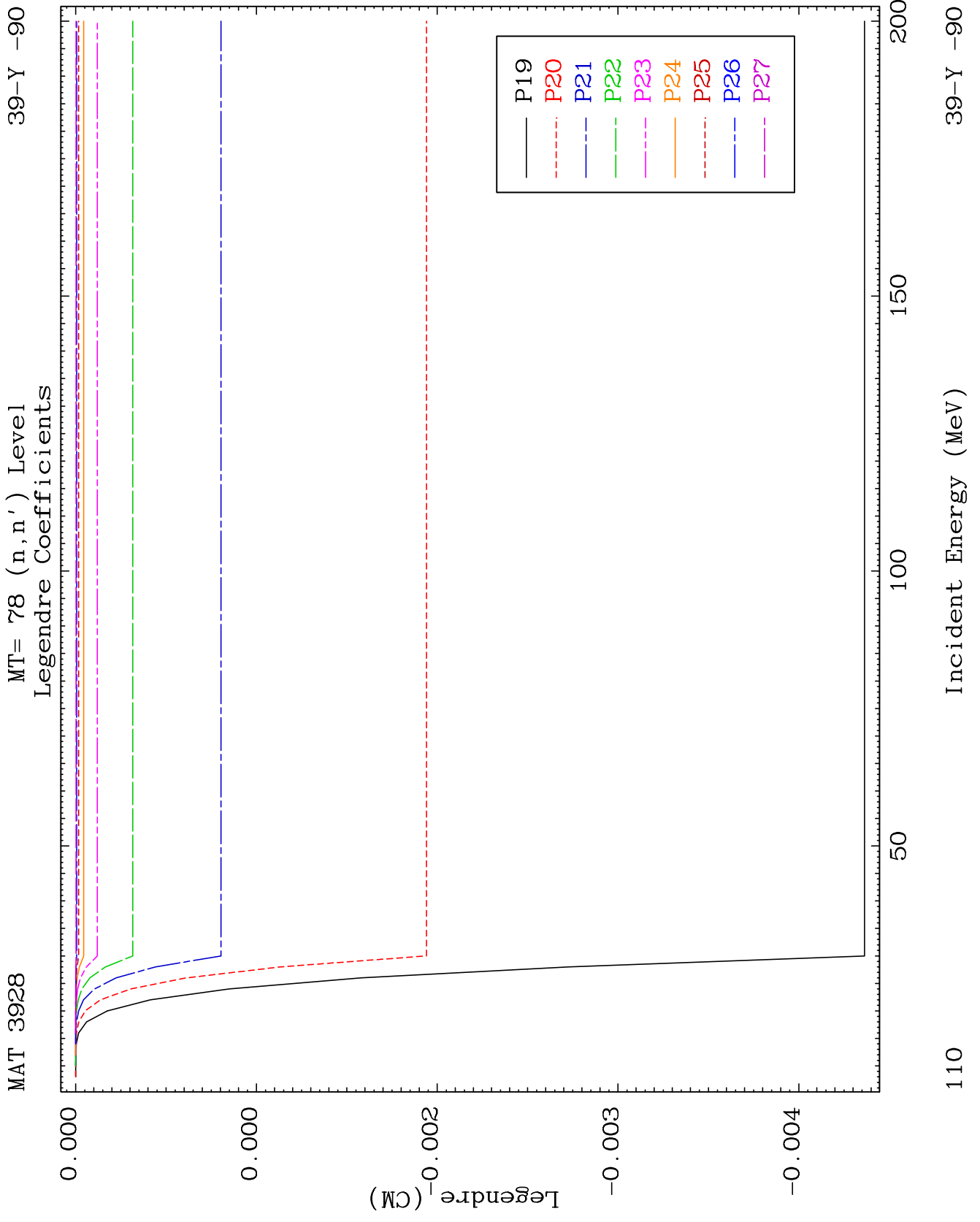
39-Y -90

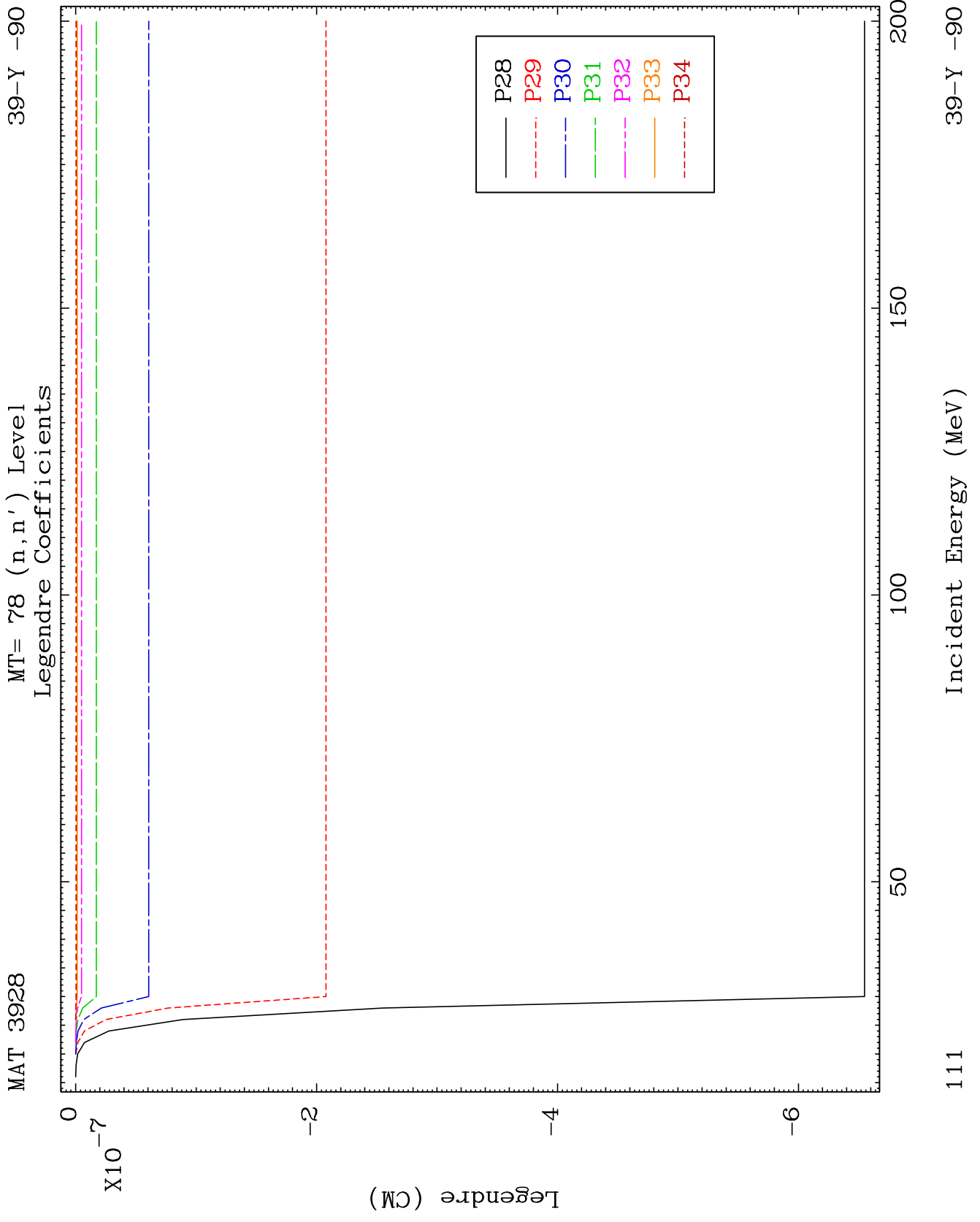


109

Incident Energy (MeV)

39-Y -90

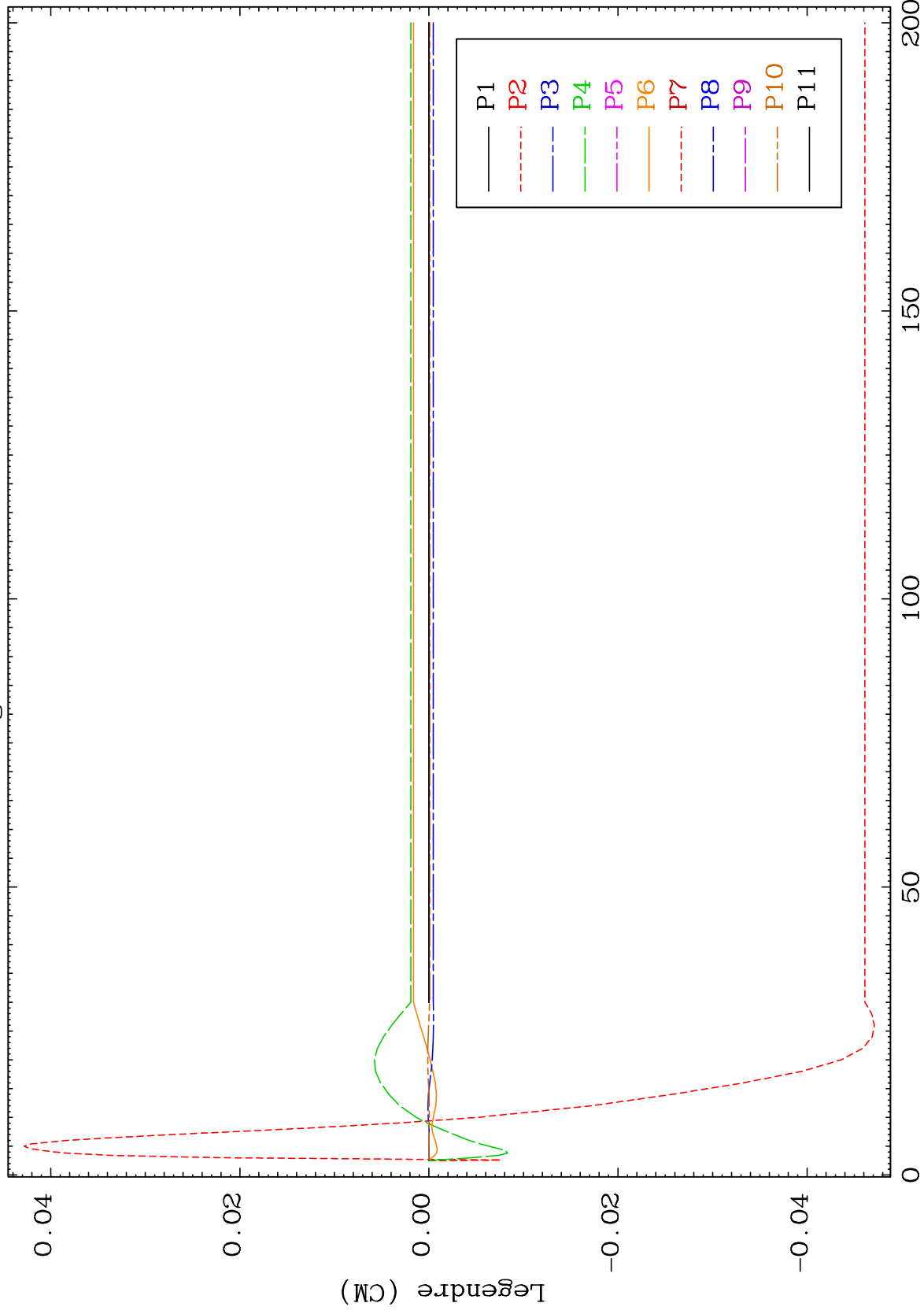




MAT 3928

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

39-Y -90



112

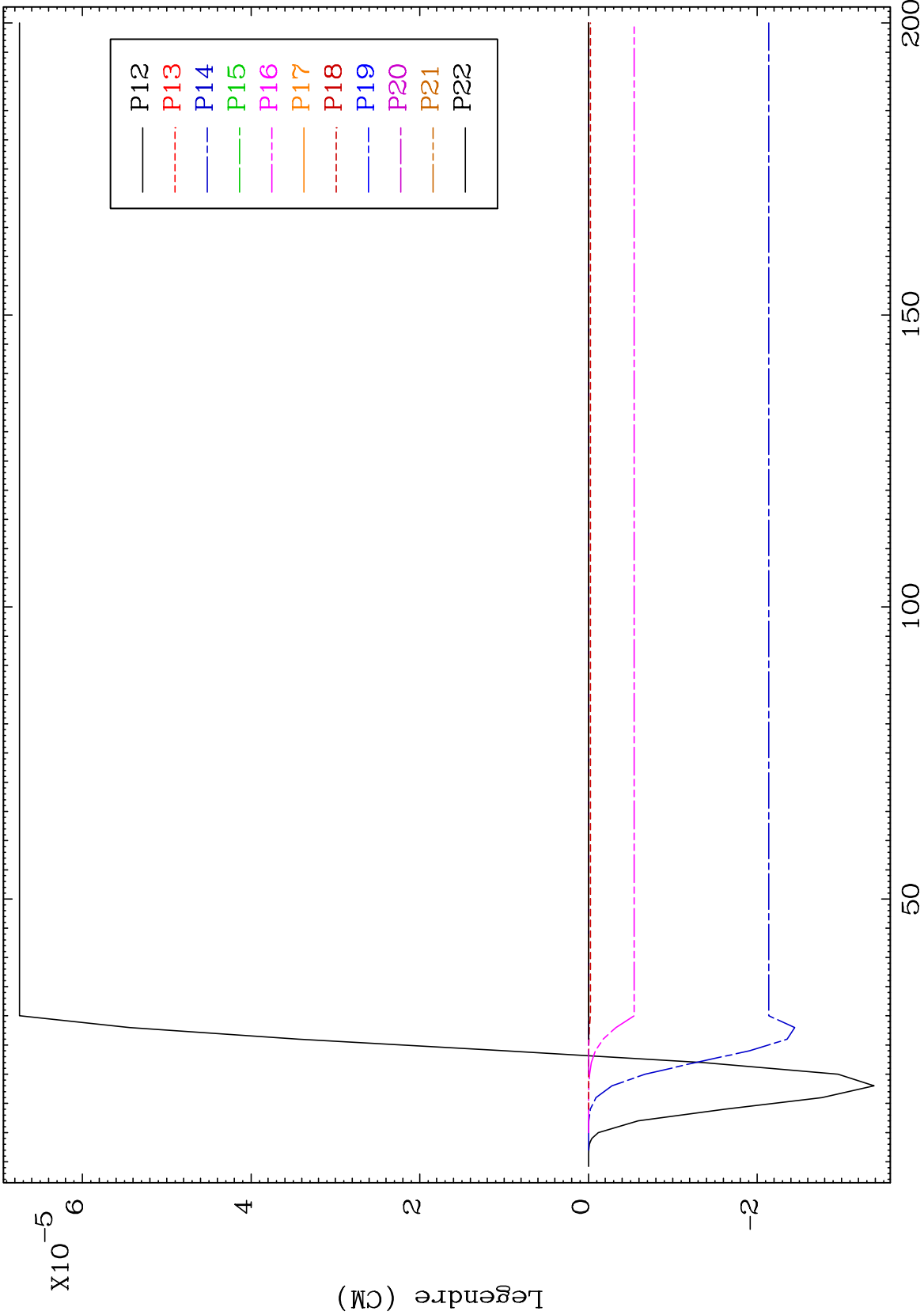
Incident Energy (MeV)

39-Y -90

MAT 3928

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

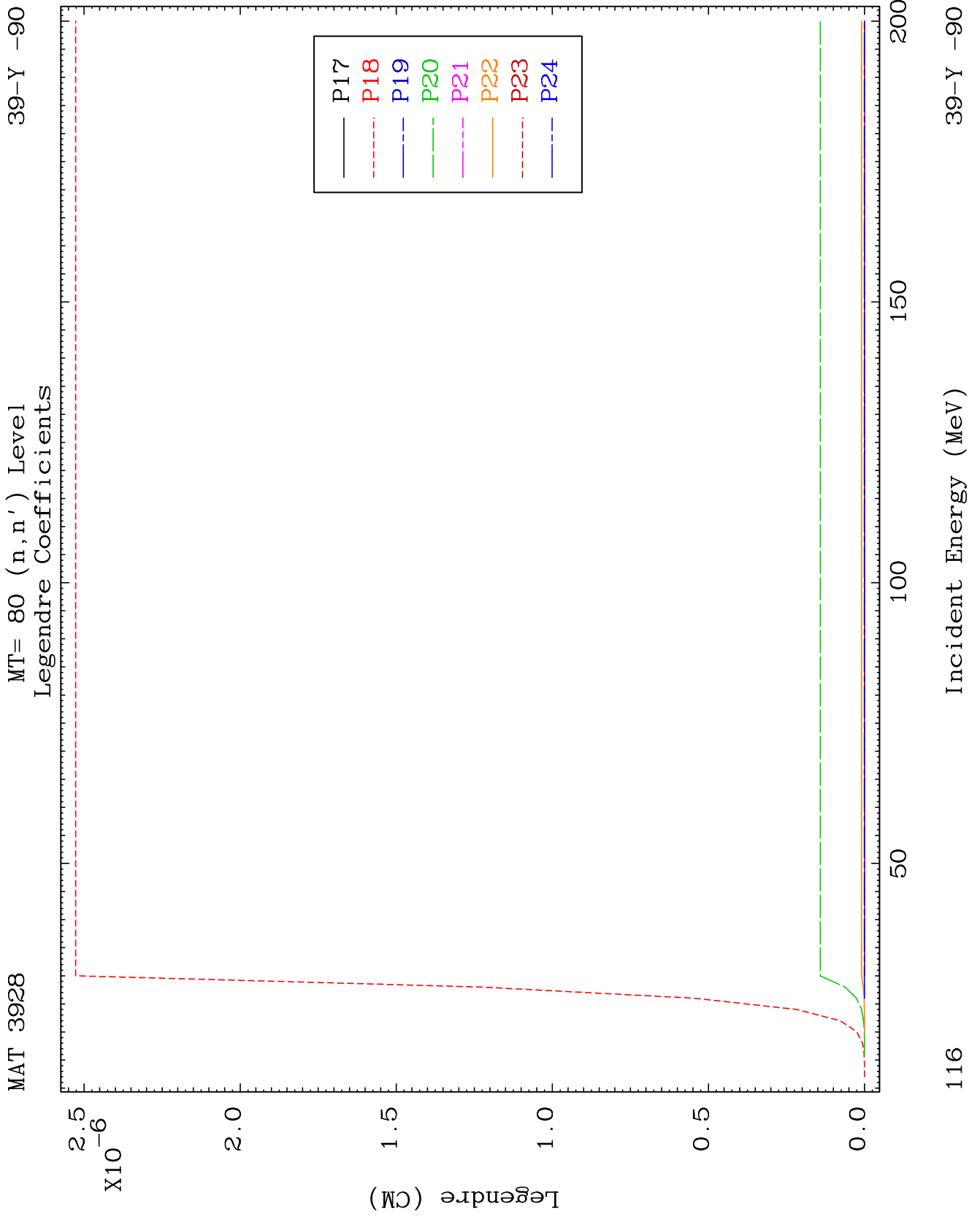
39-Y -90



113

Incident Energy (MeV)

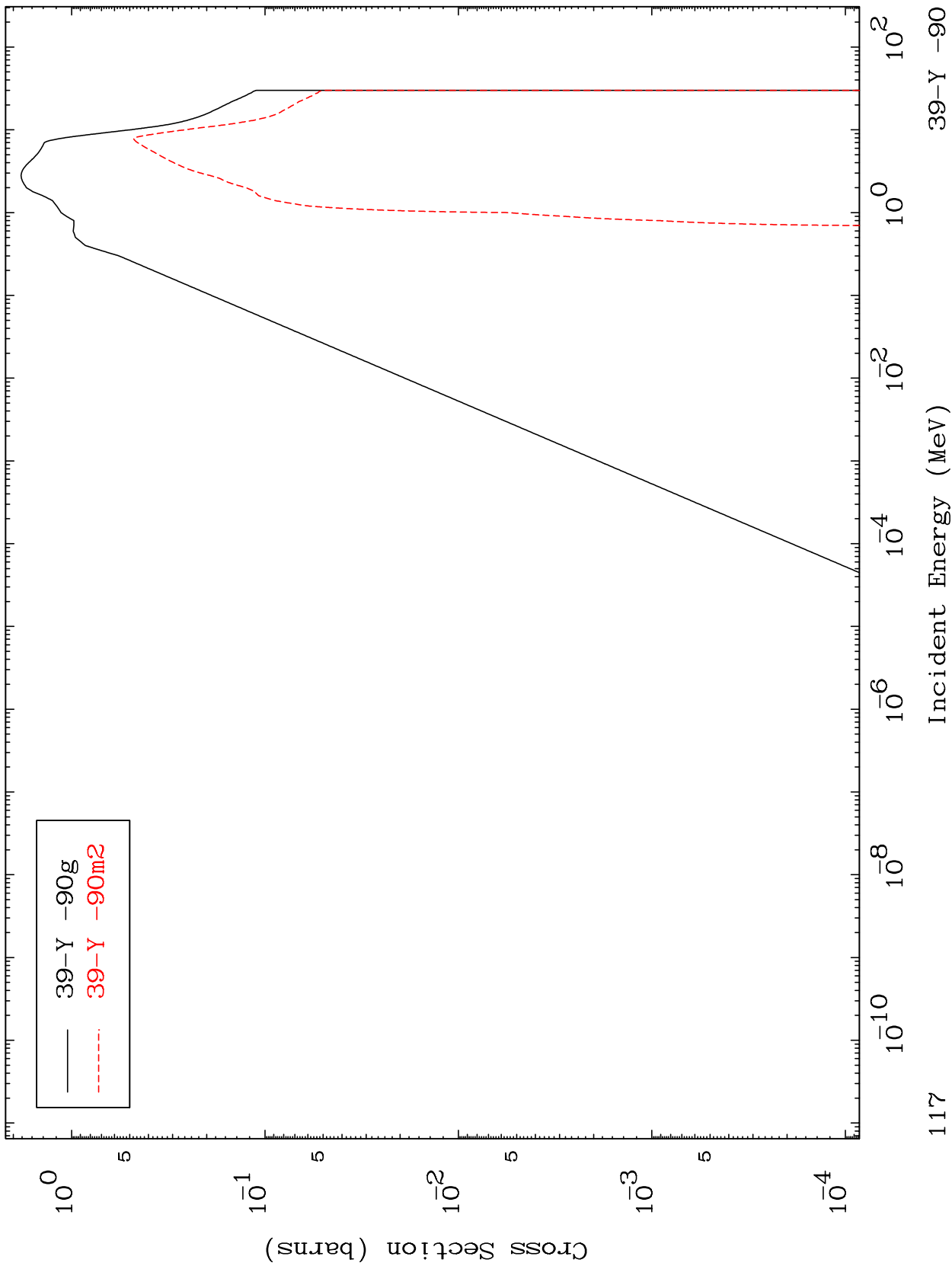
39-Y -90



MAT 3928

39-Y -90

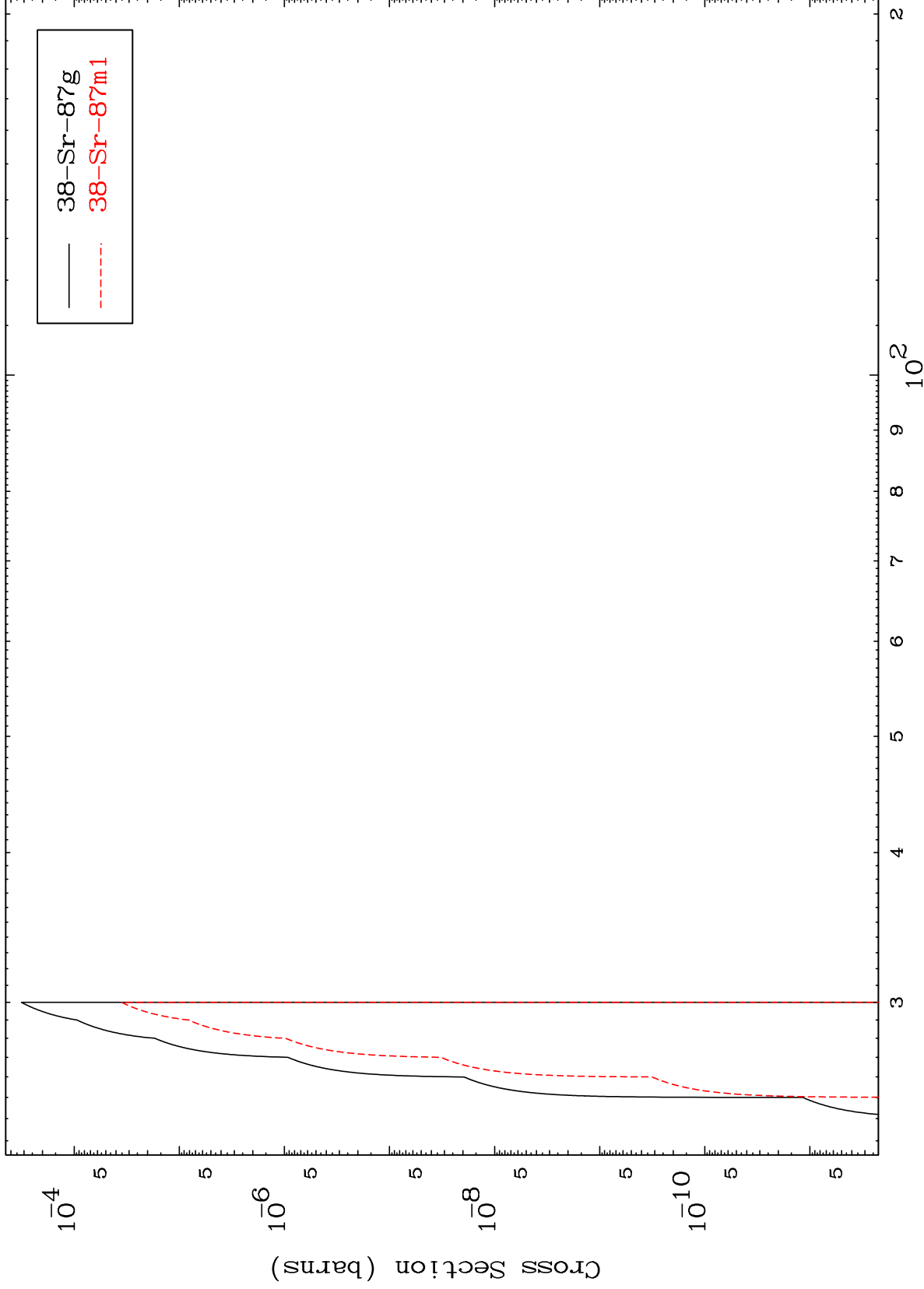
Inelastic
Radionuclide Production Cross Section



117

39-Y -90

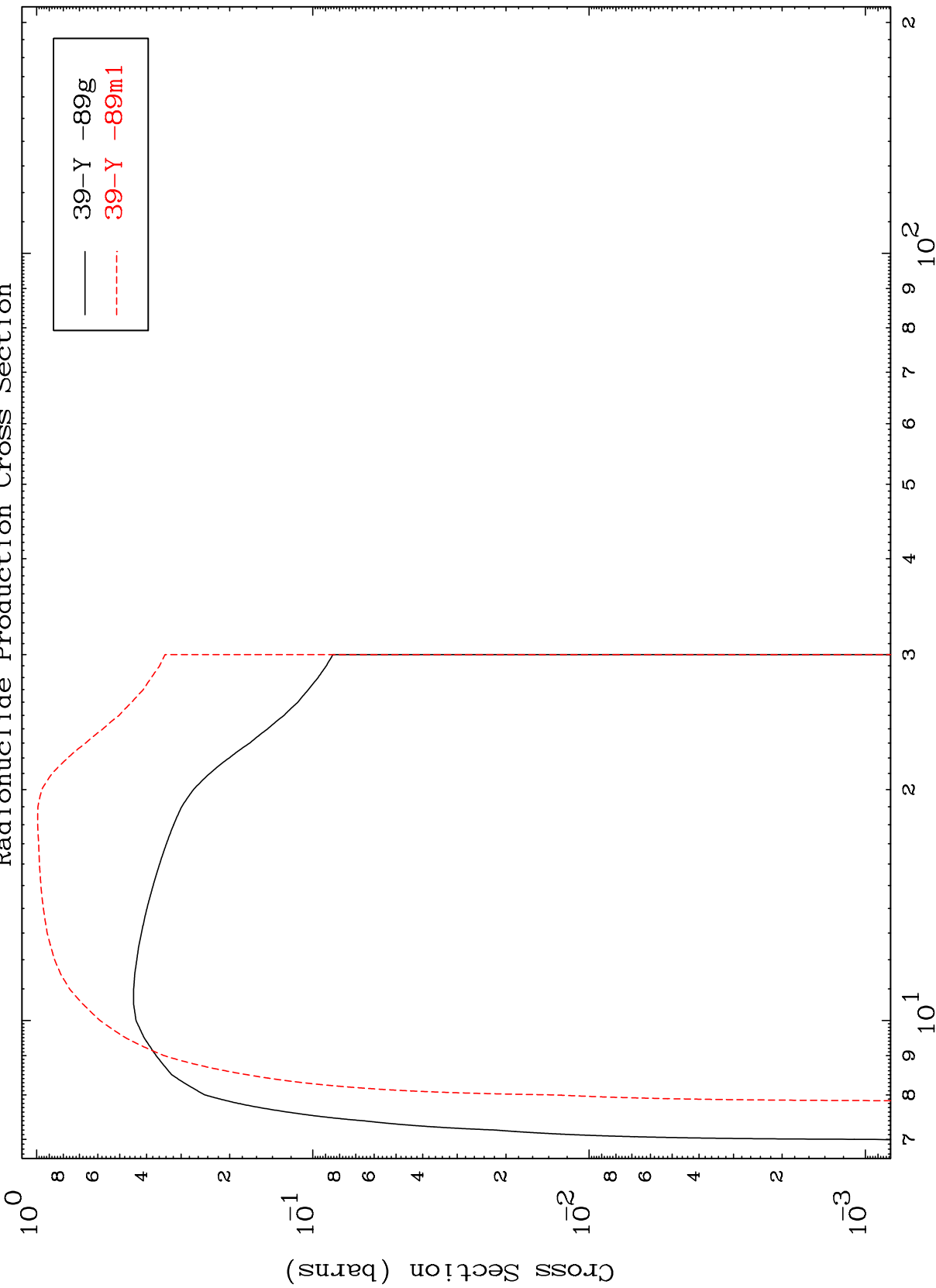
Radionuclide Production Cross Section



MAT 3928

39-Y -90

(n,2n)
Radionuclide Production Cross Section



119

Incident Energy (MeV)

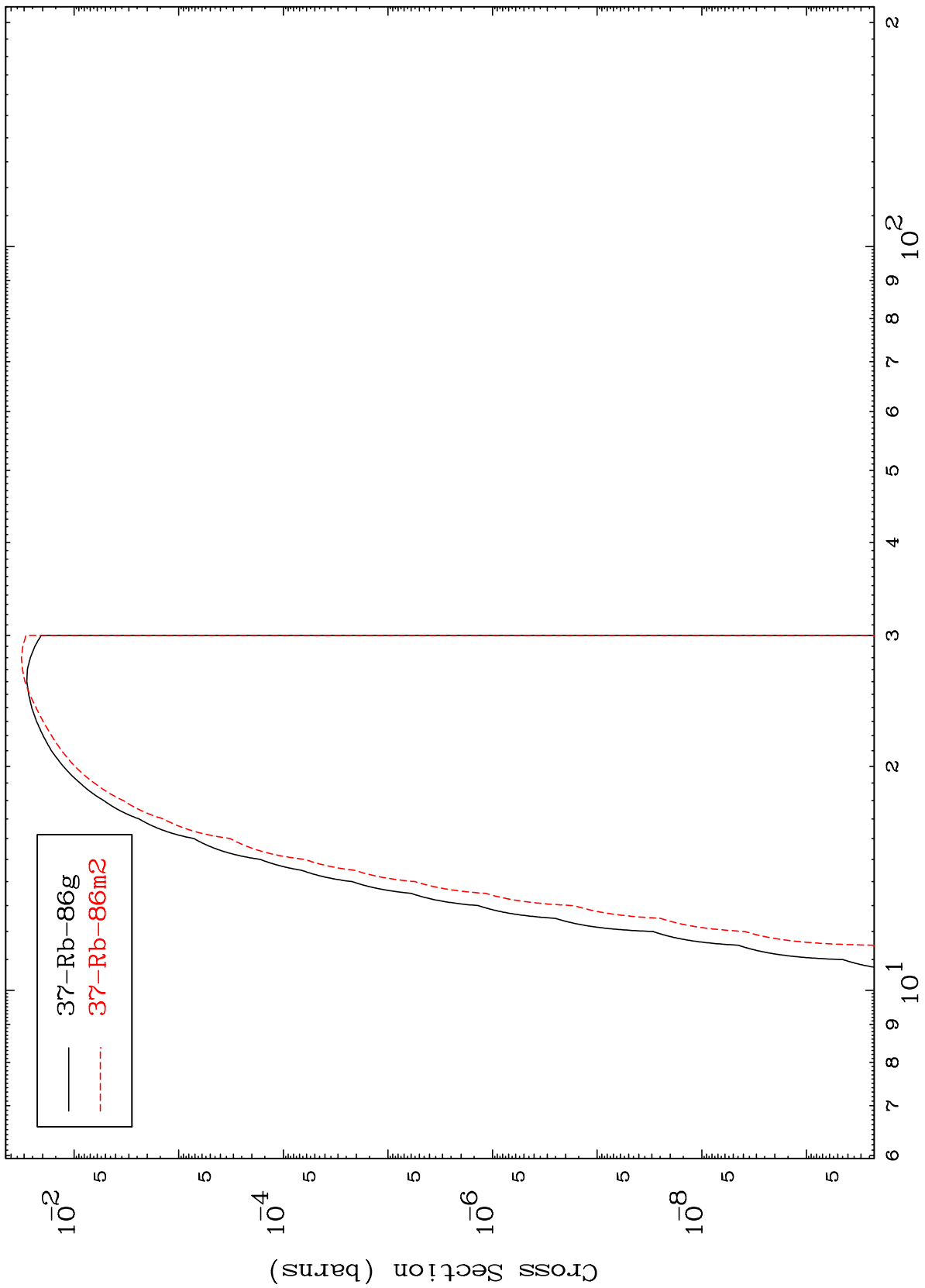
39-Y -90

MAT 3928

$(n, n') \alpha$

39-Y -90

Radionuclide Production Cross Section



— 37-Rb-86g
- - - 37-Rb-86m2

120

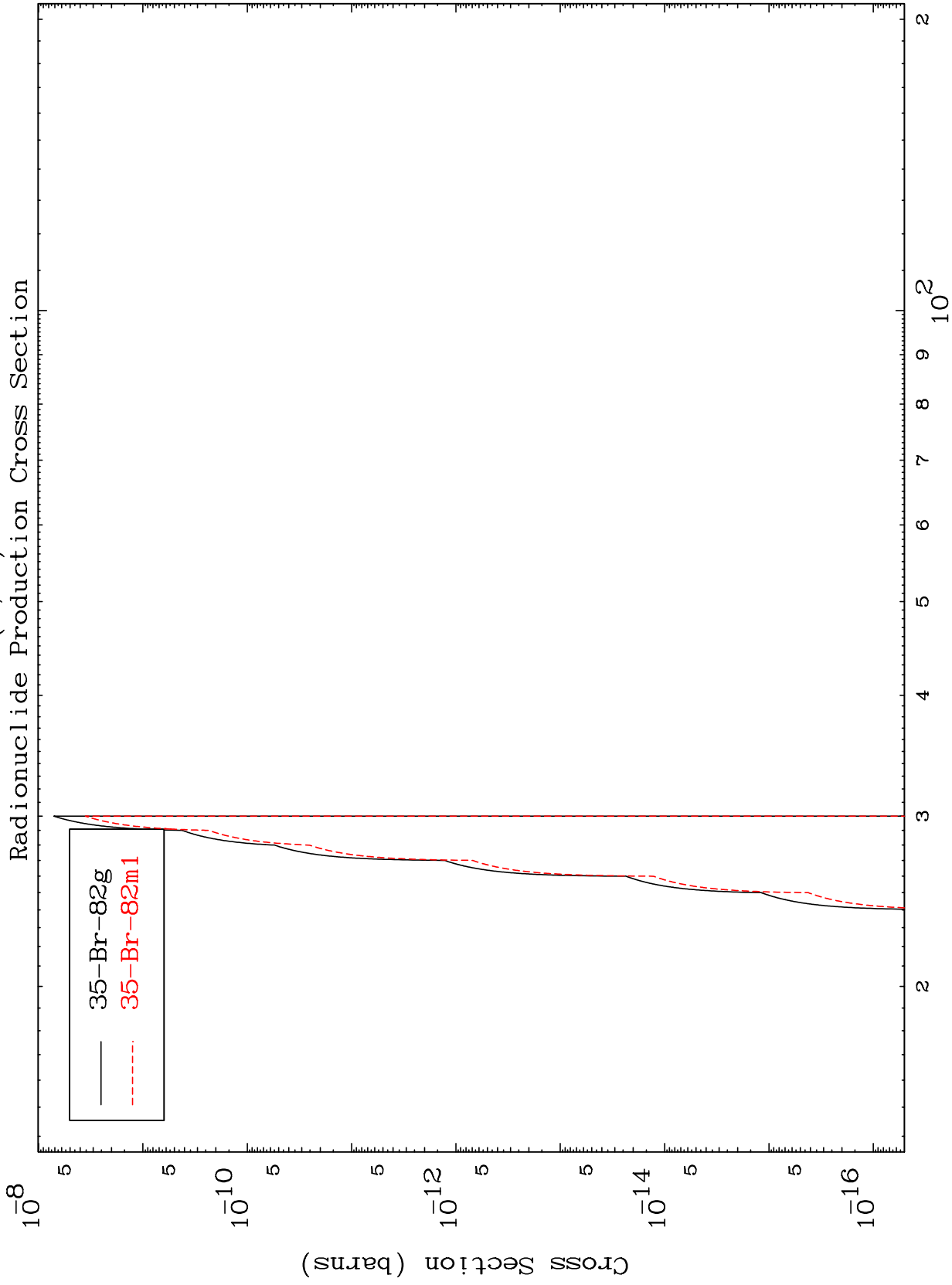
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,n') 2 α

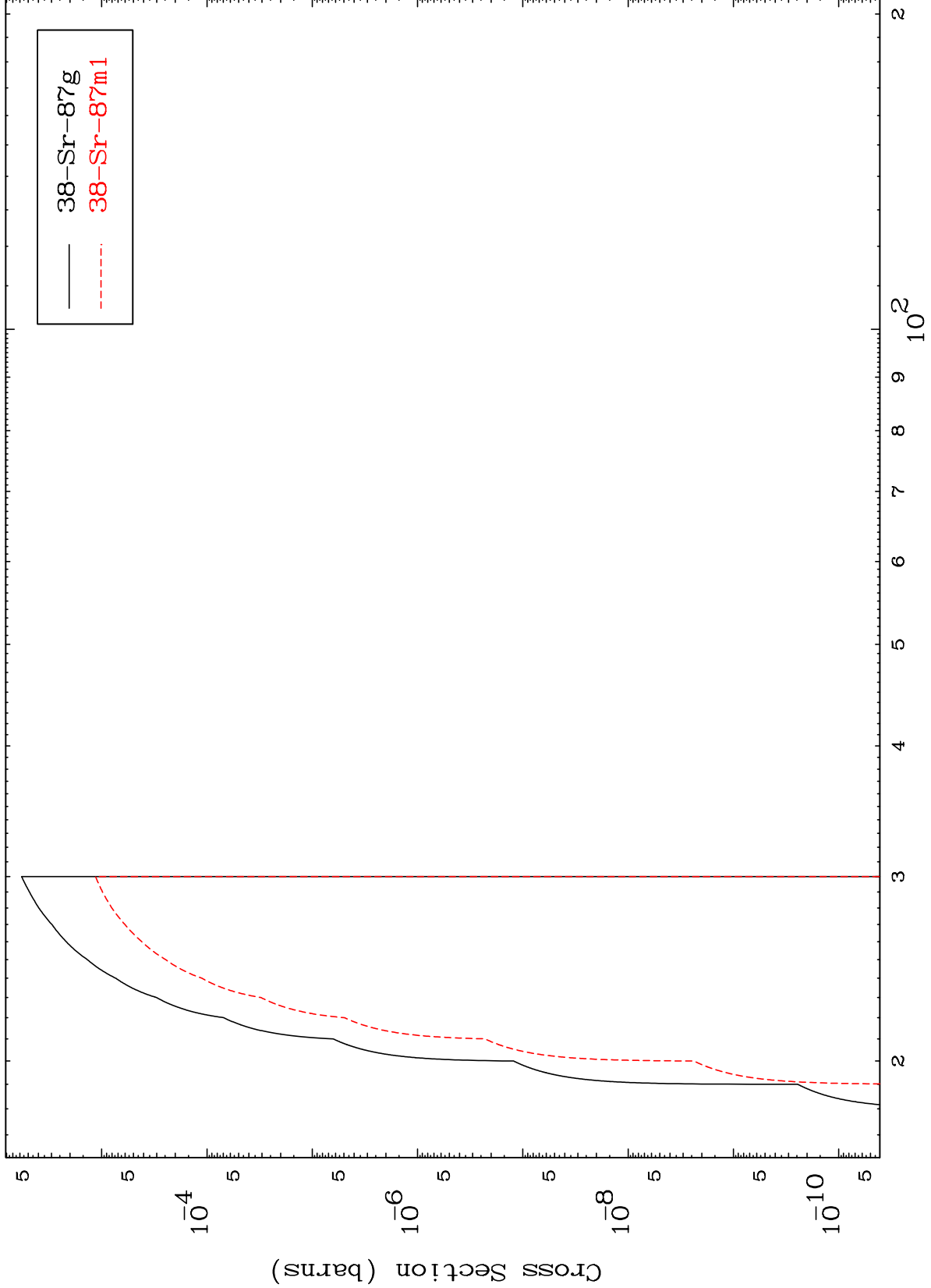
39-Y -90



121

39-Y -90

Radionuclide Production Cross Section

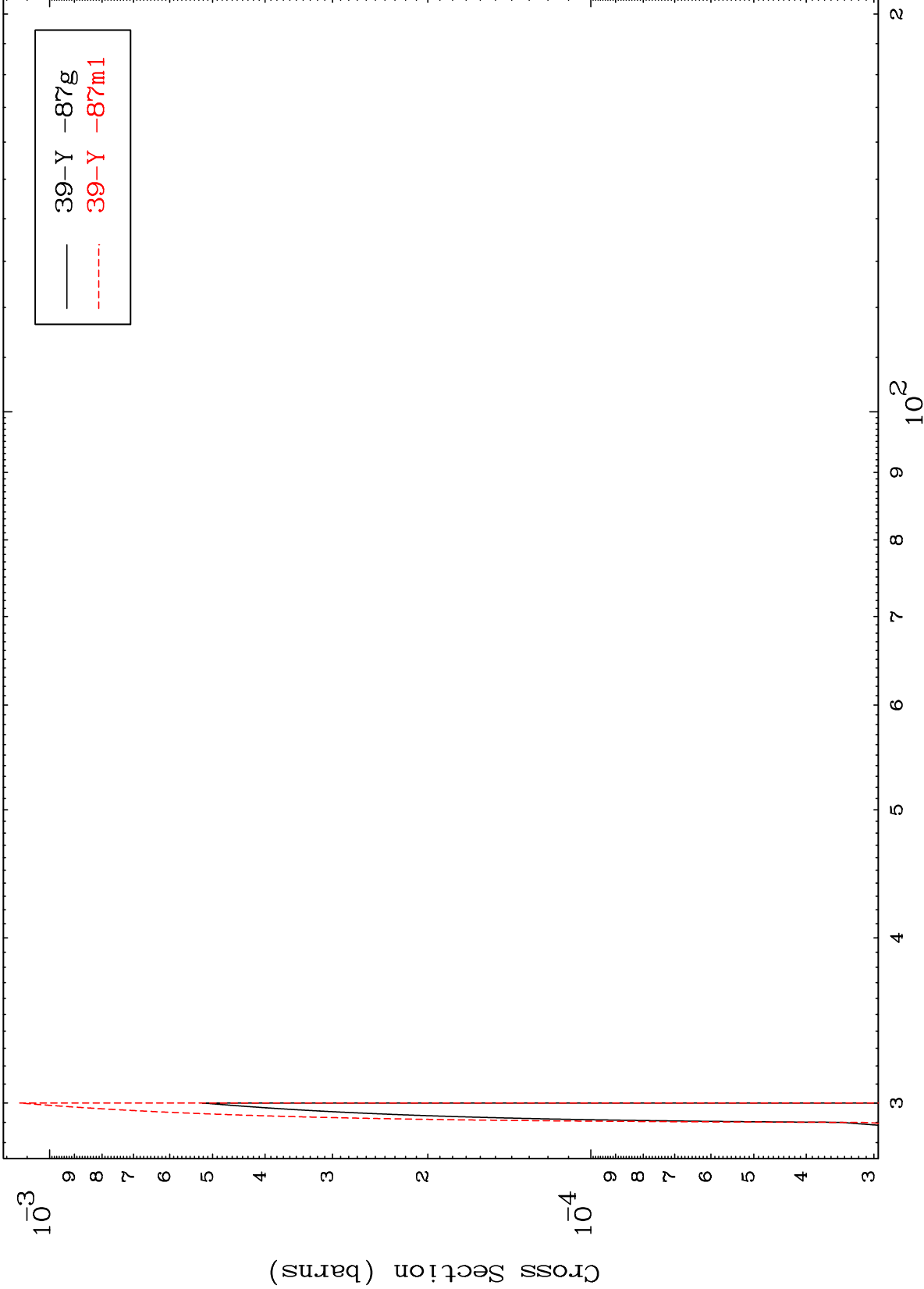


MAT 3928

(n,4n)

39-Y -90

Radionuclide Production Cross Section

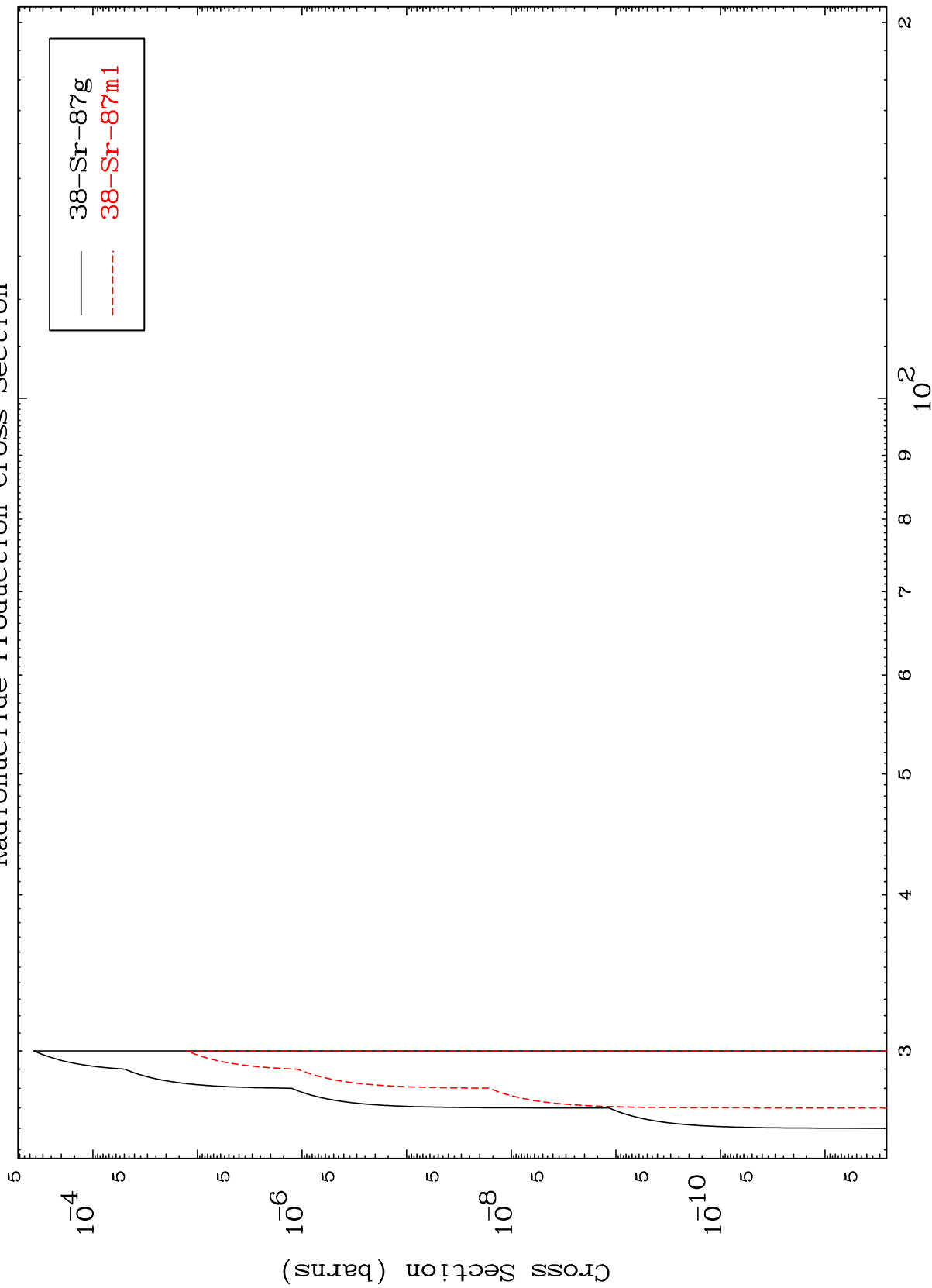


123

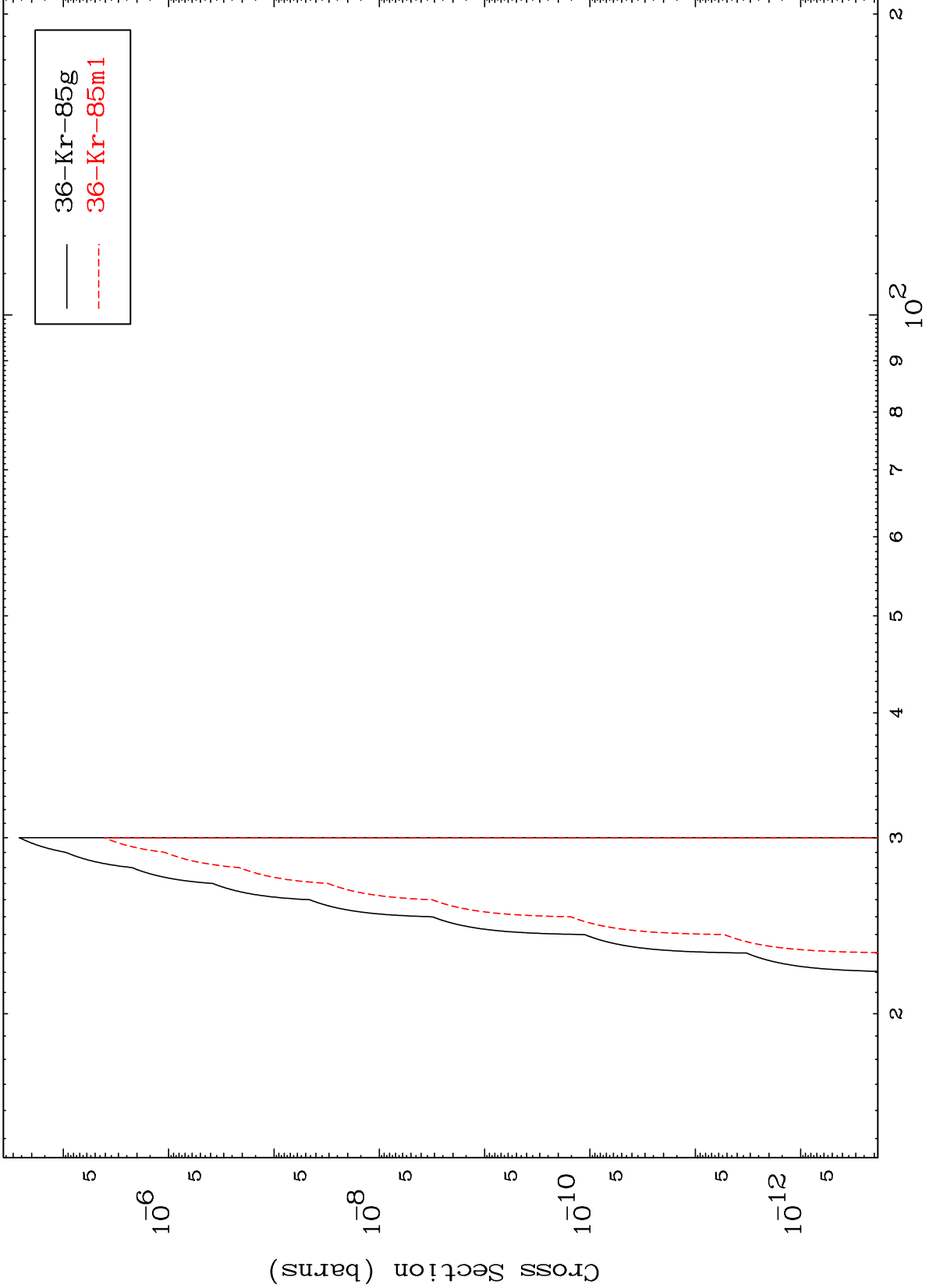
Incident Energy (MeV)

39-Y -90

Radionuclide Production Cross Section



Radionuclide Production Cross Section

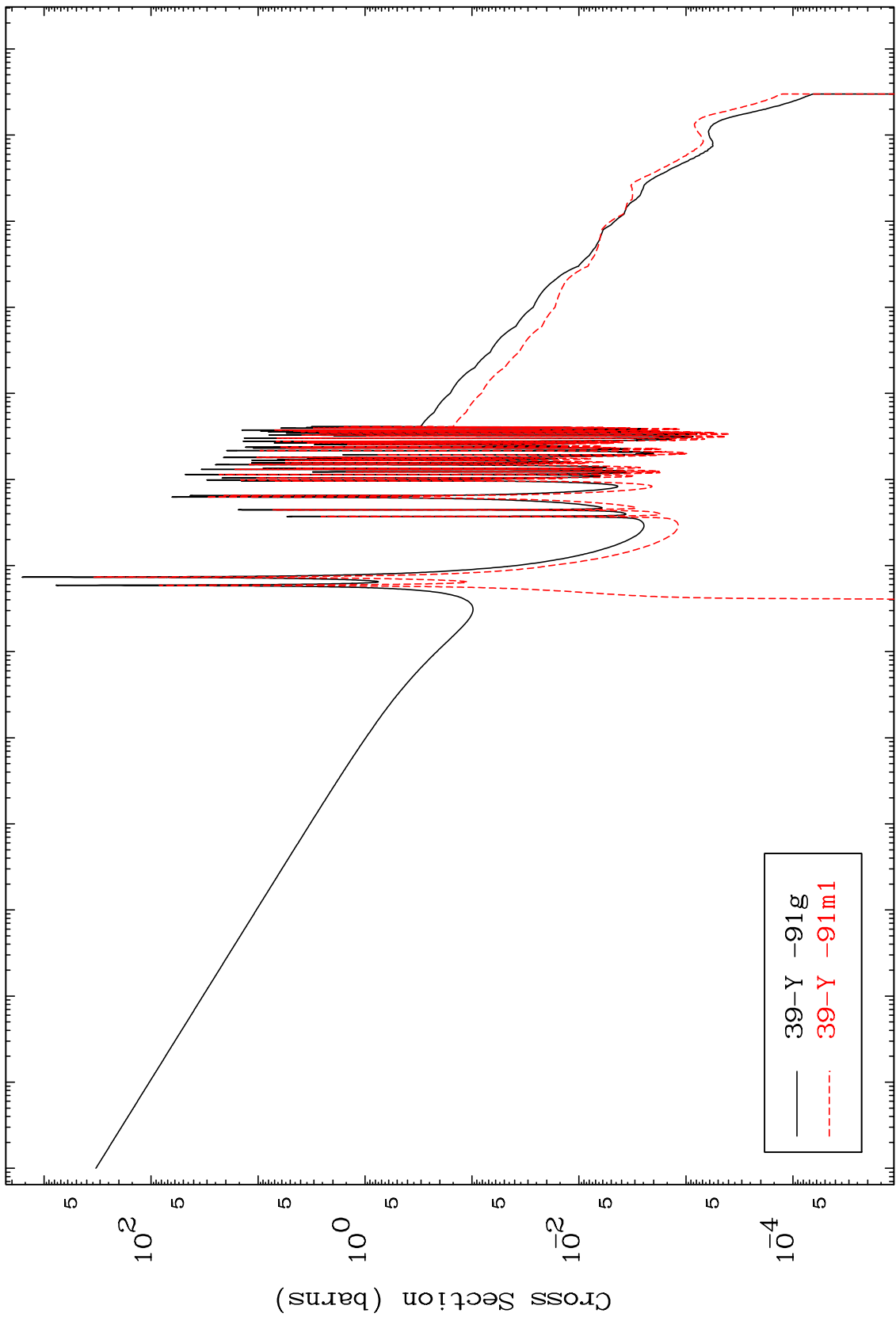


MAT 3928

39-Y -90

Radionuclide Production Cross Section

(n, γ)

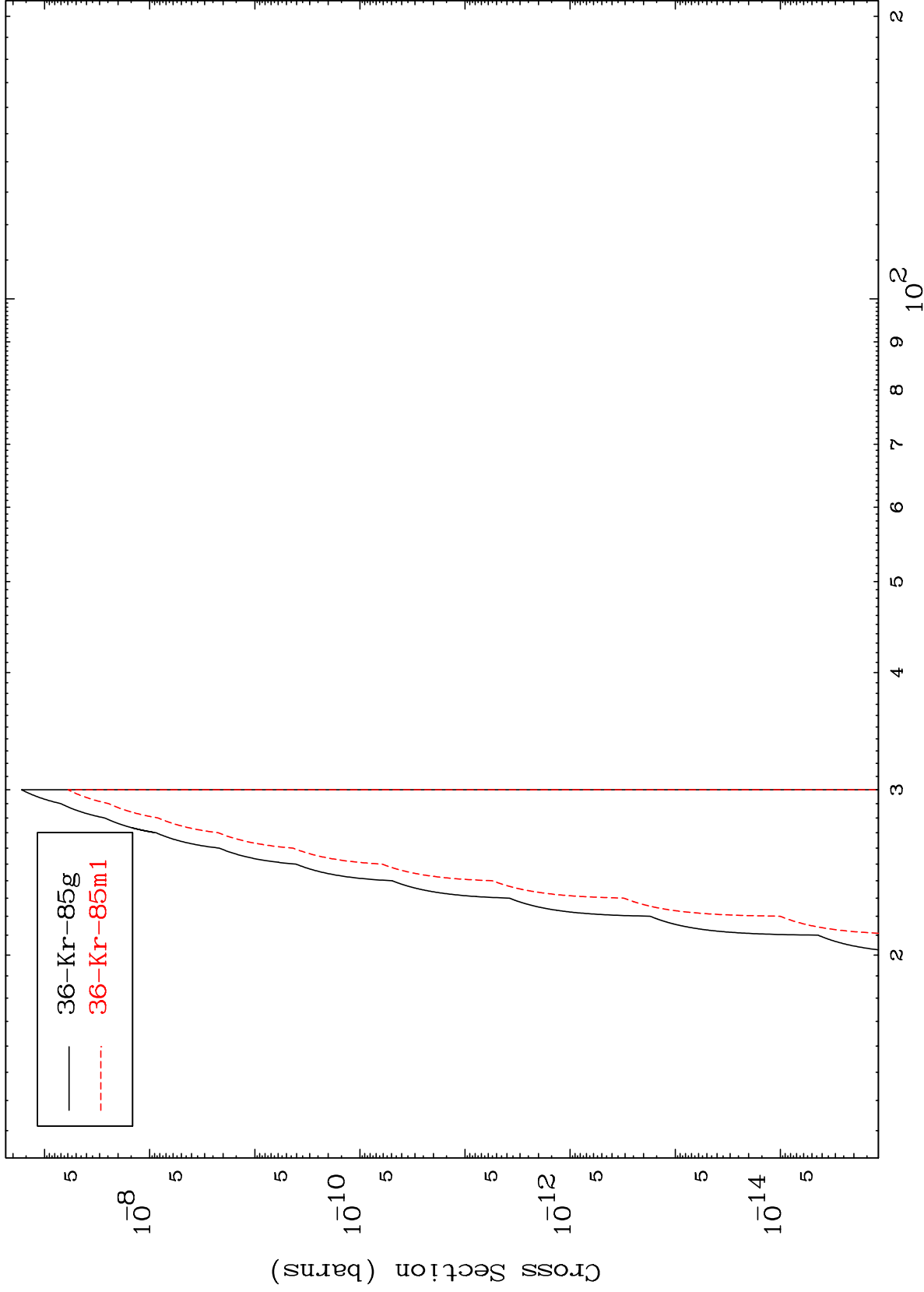


MAT 3928

(n,d) α

39-Y -90

Radionuclide Production Cross Section



127

Incident Energy (MeV)

39-Y -90