

Program EVALPLOT
(Version 2021-1)

by

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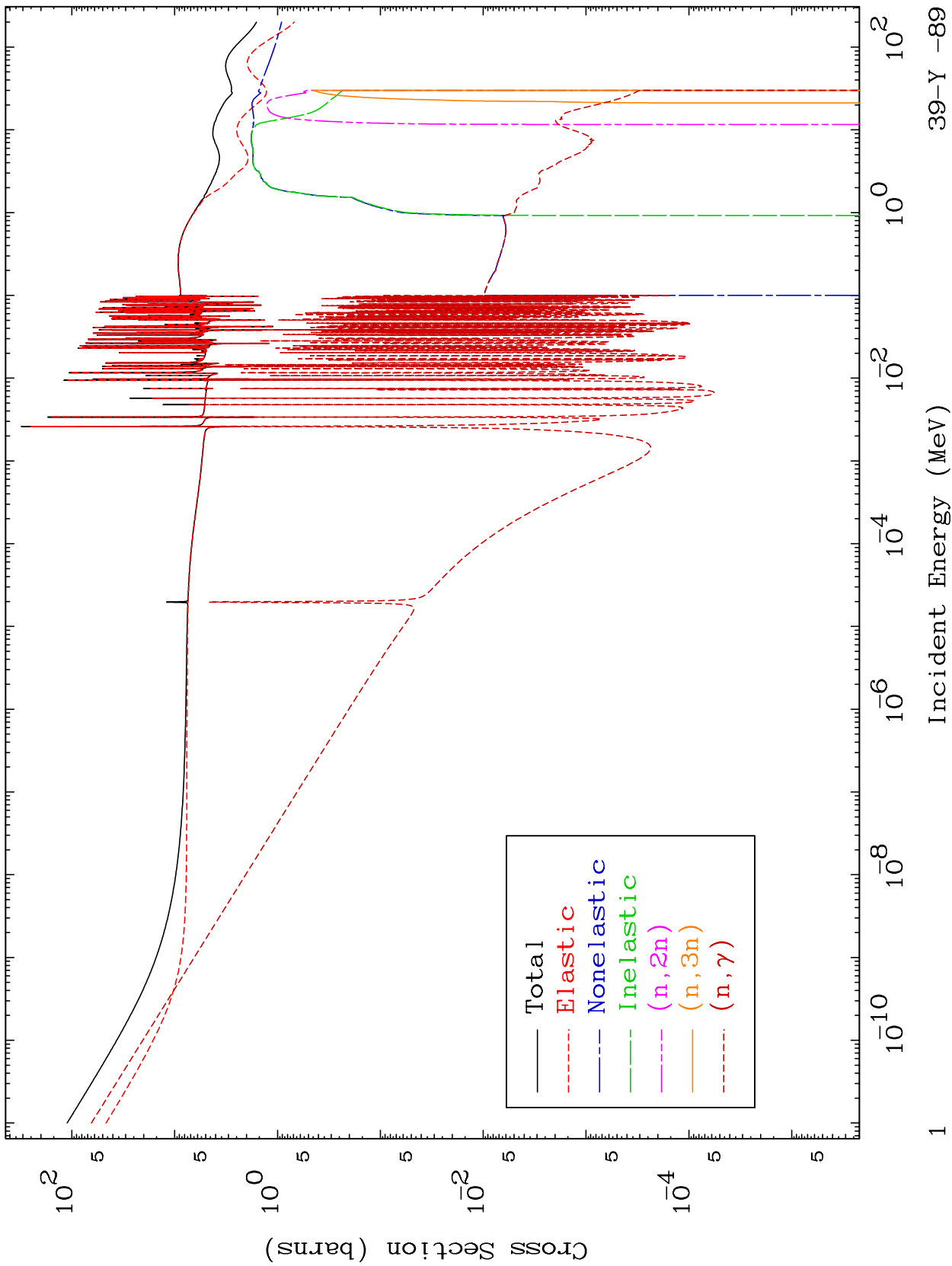
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Press Mouse Button to Start

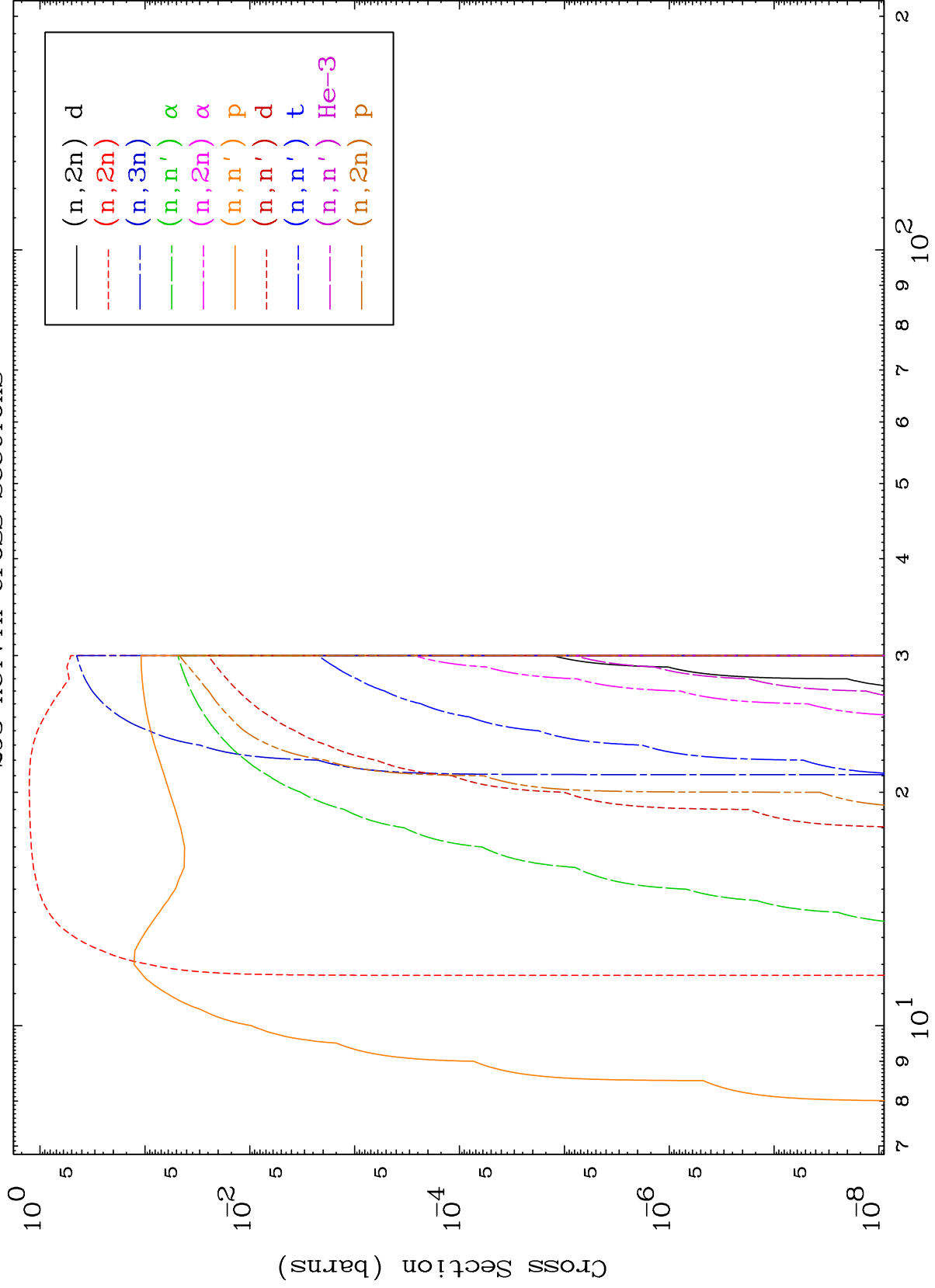
MAT 3925

Neutron Major
293 Kelvin Cross Sections

39-Y -89



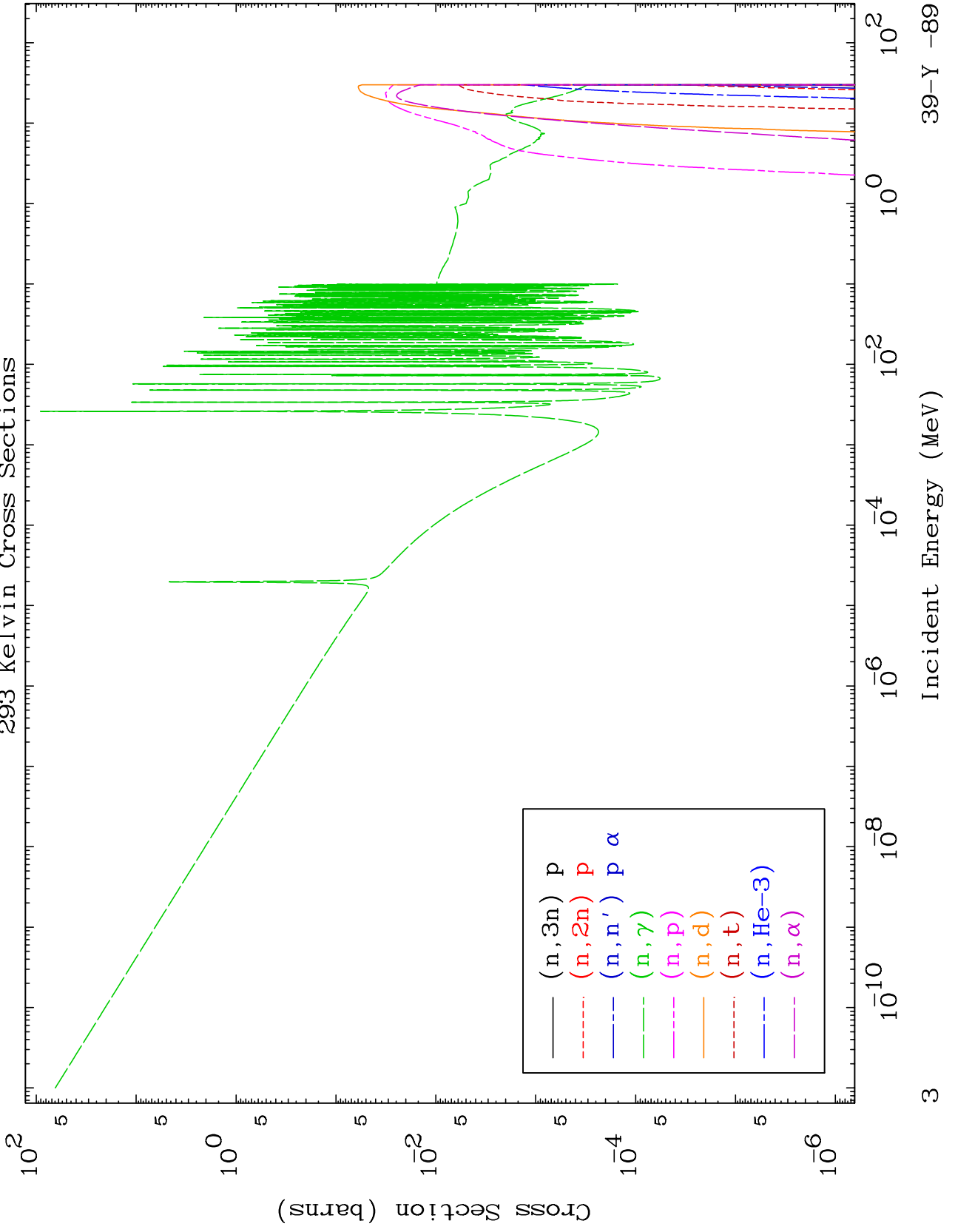
39-Y -89



MAT 3925

Neutron Absorption
293 Kelvin Cross Sections

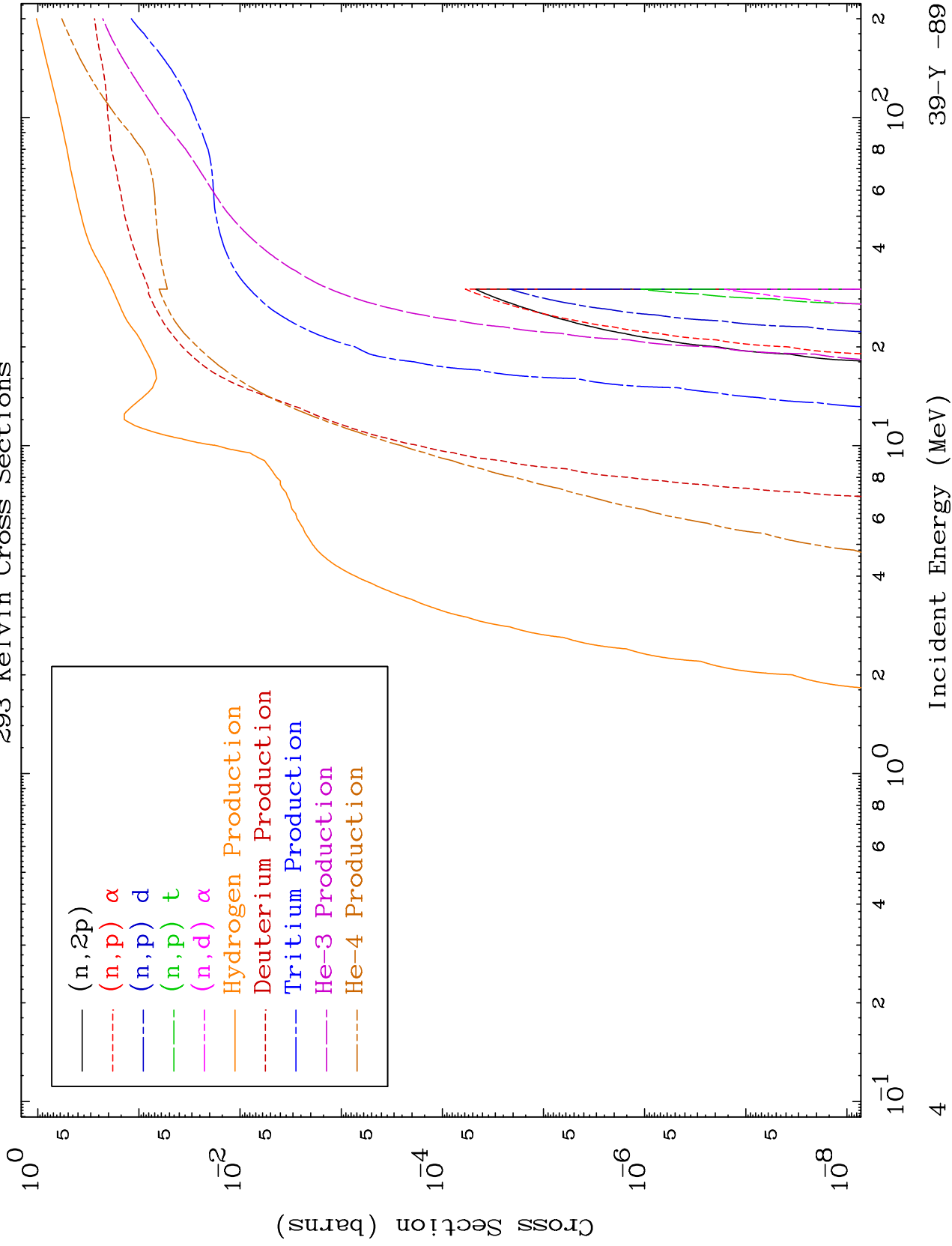
39-Y -89



MAT 3925

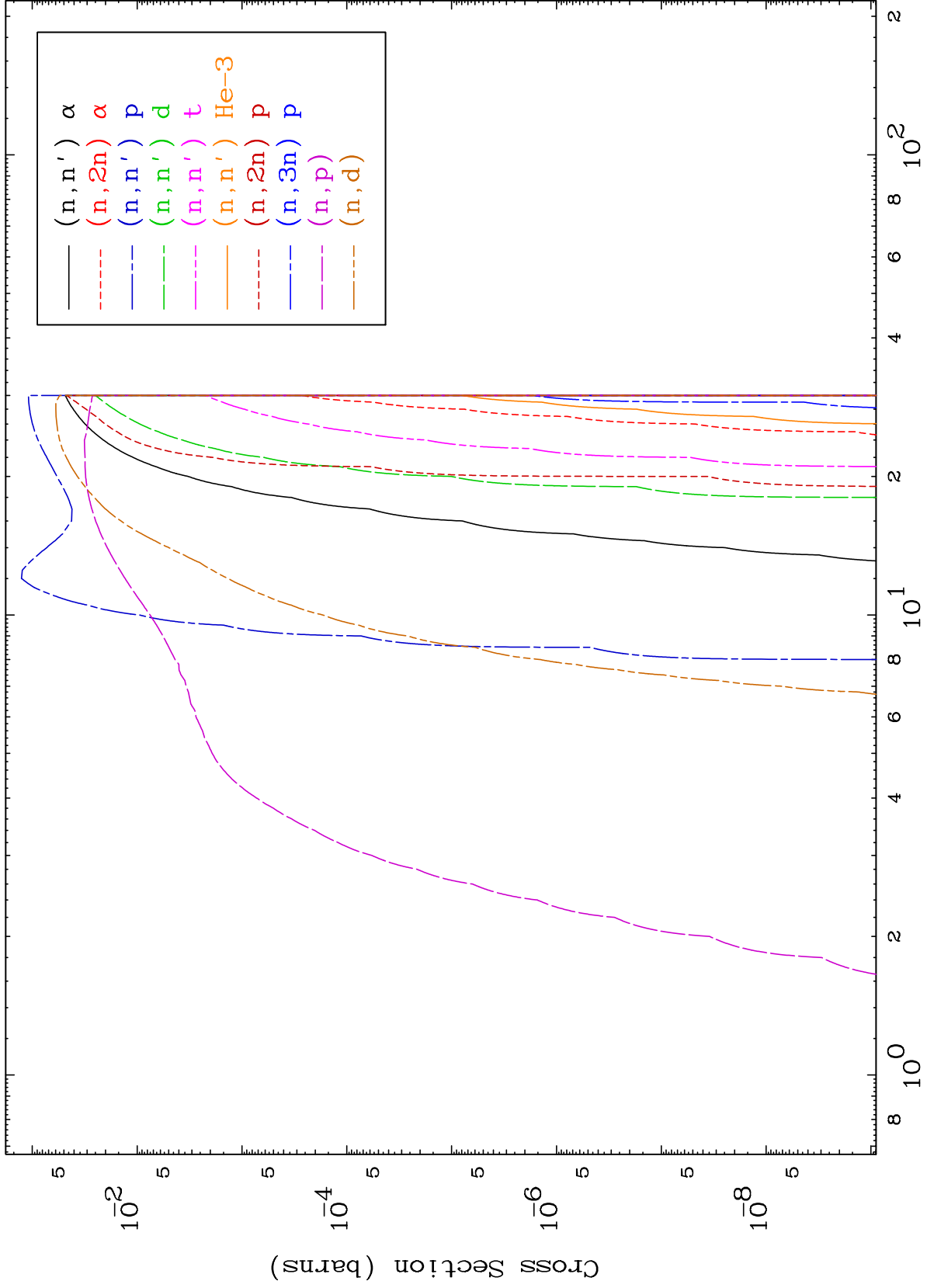
Neutron Absorption
293 Kelvin Cross Sections

39-Y -89



Incident Energy (MeV)

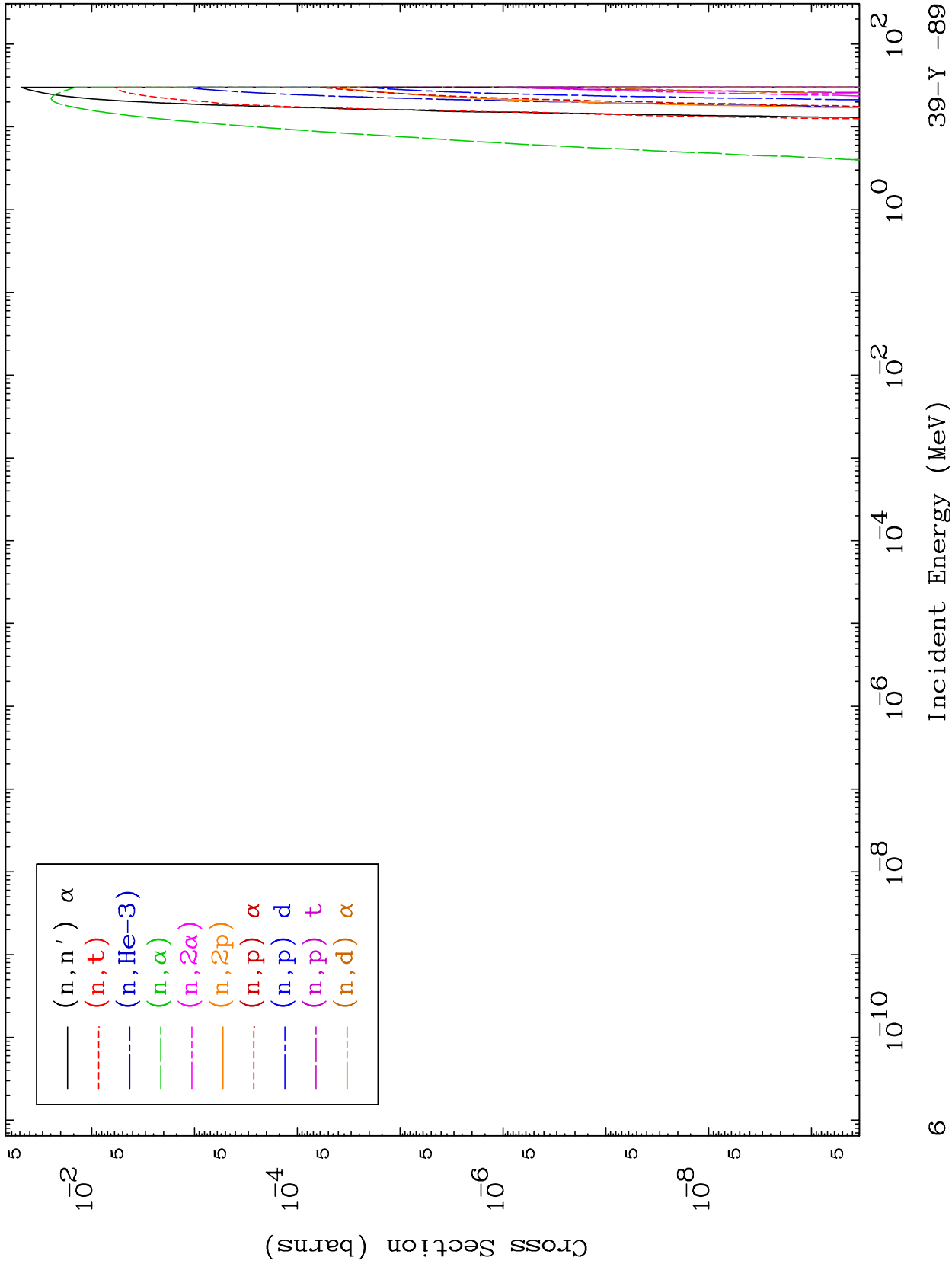
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MAT 3925

Charged Particle
293 Kelvin Cross Sections

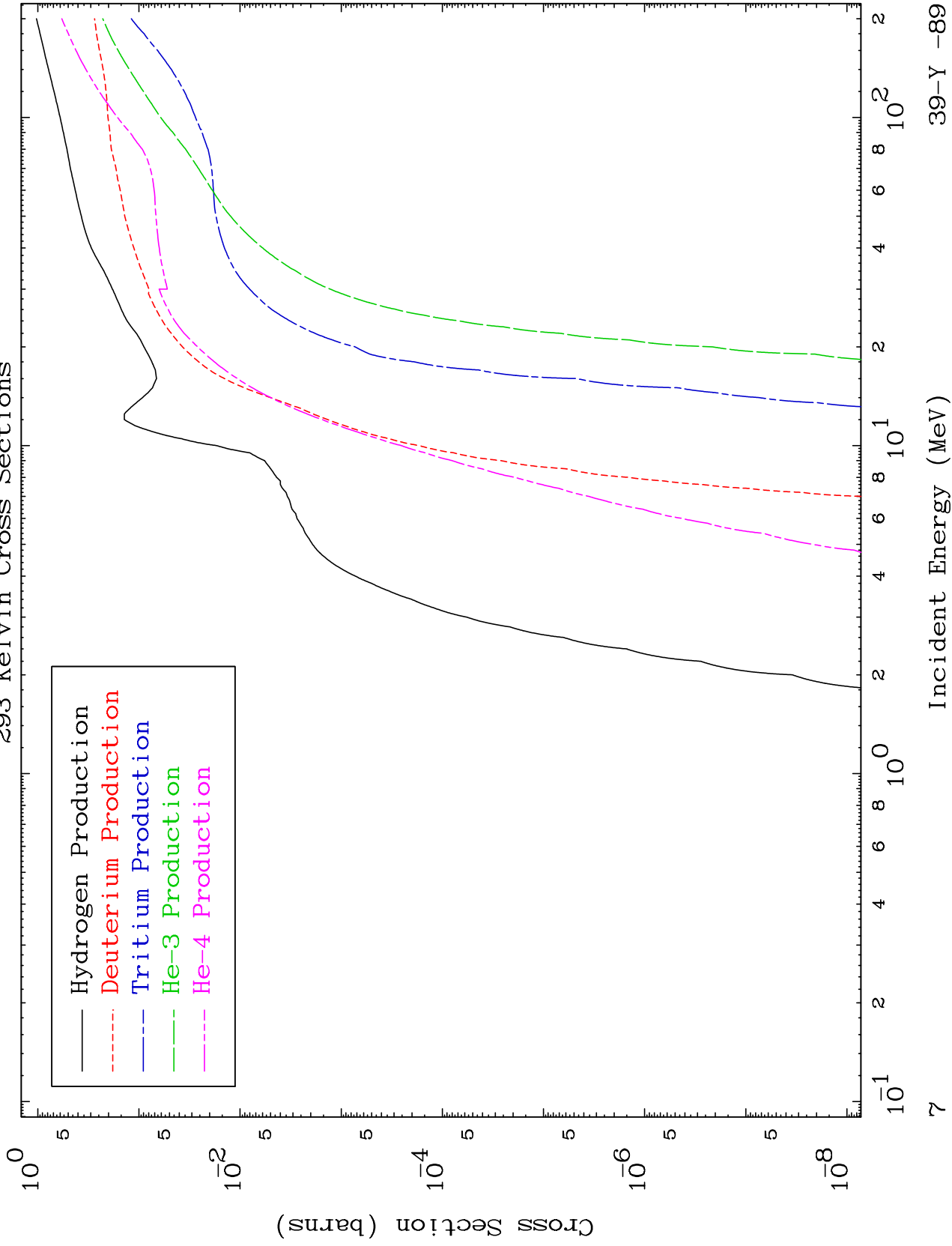
39-Y -89



MAT 3925

Particle Production
293 Kelvin Cross Sections

39-Y -89



39-Y -89

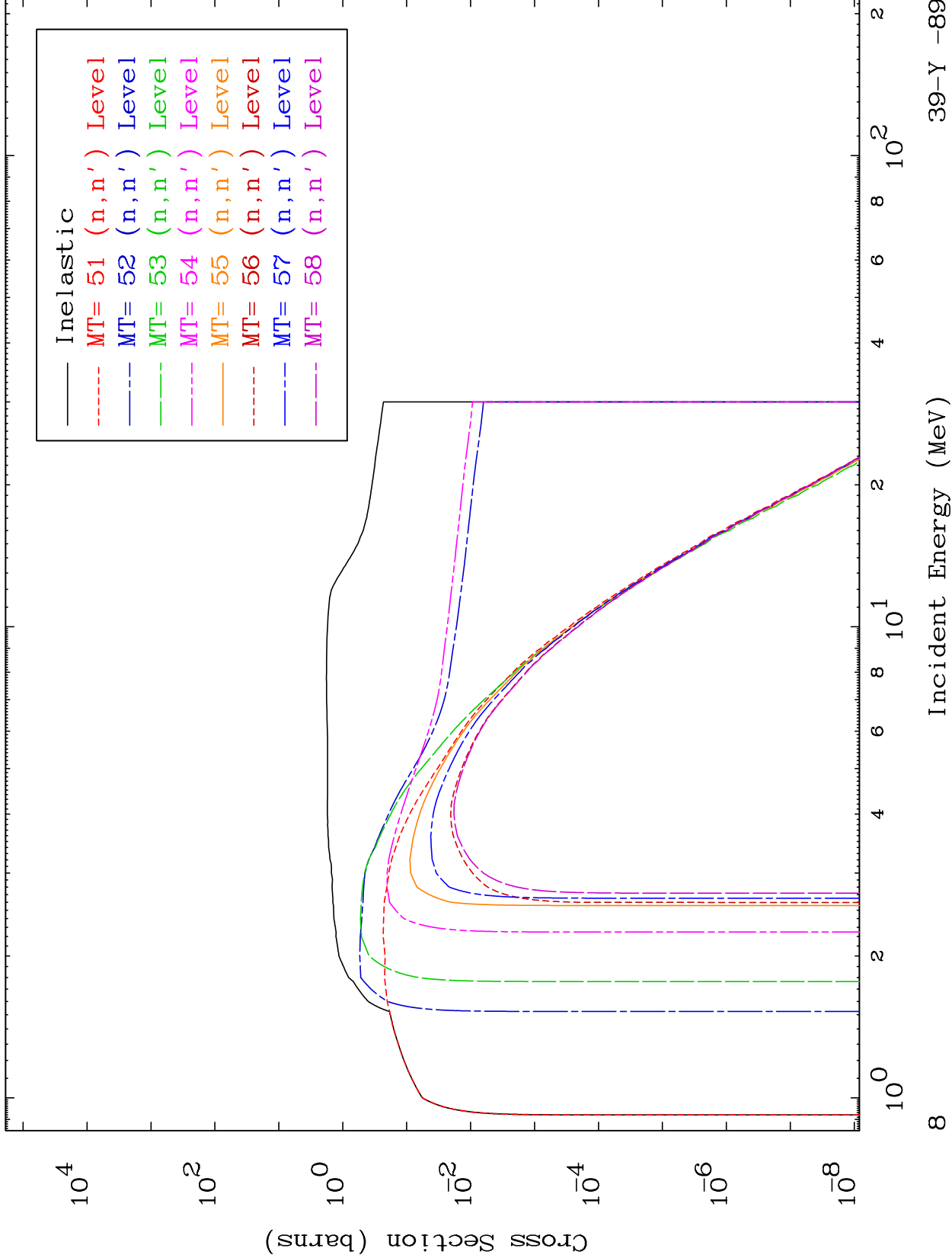
Incident Energy (MeV)

7

MAT 3925

(n,n') Levels
293 Kelvin Cross Sections

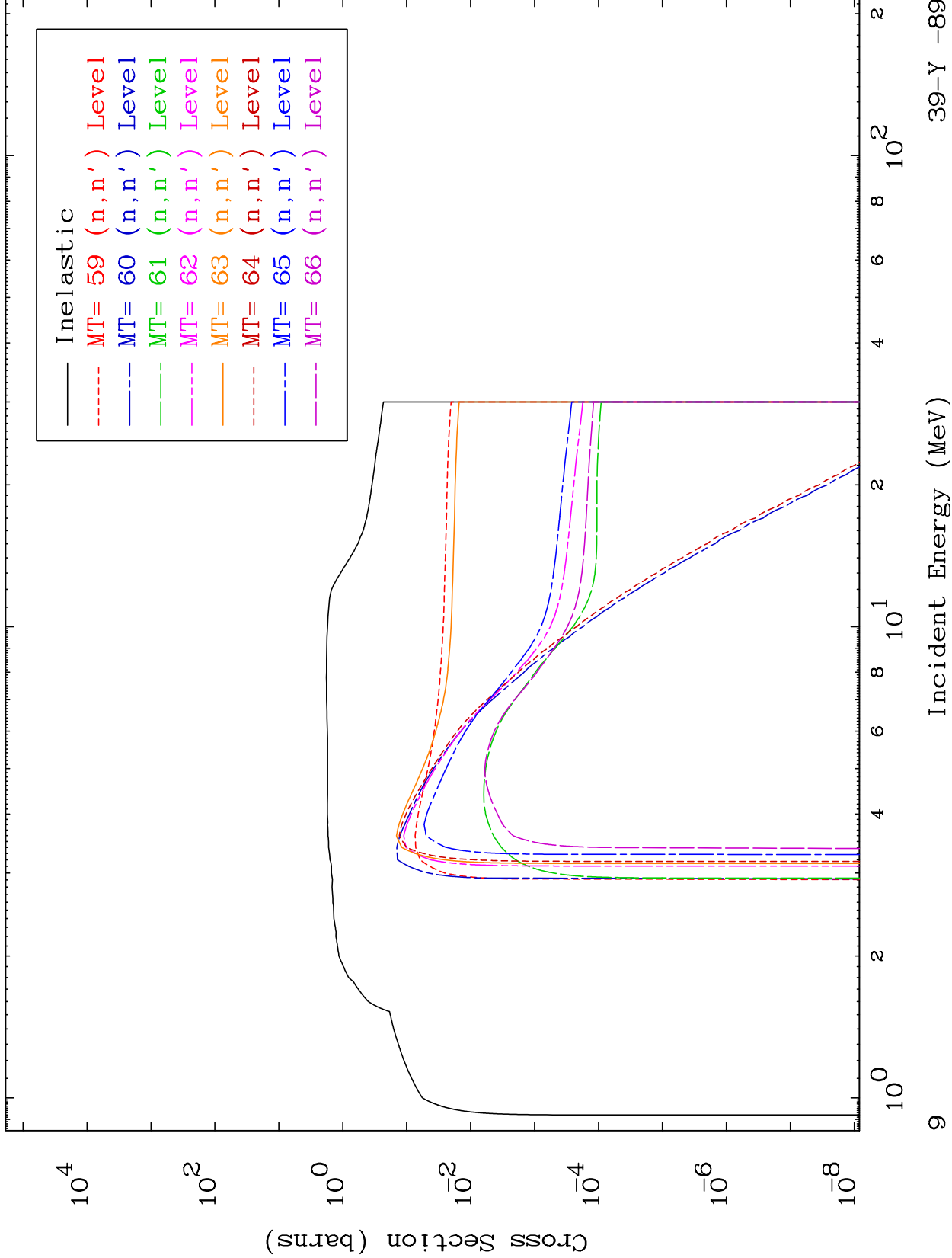
39-Y -89



MAT 3925

(n,n') Levels
293 Kelvin Cross Sections

39-Y -89



39-Y -89

Incident Energy (MeV)

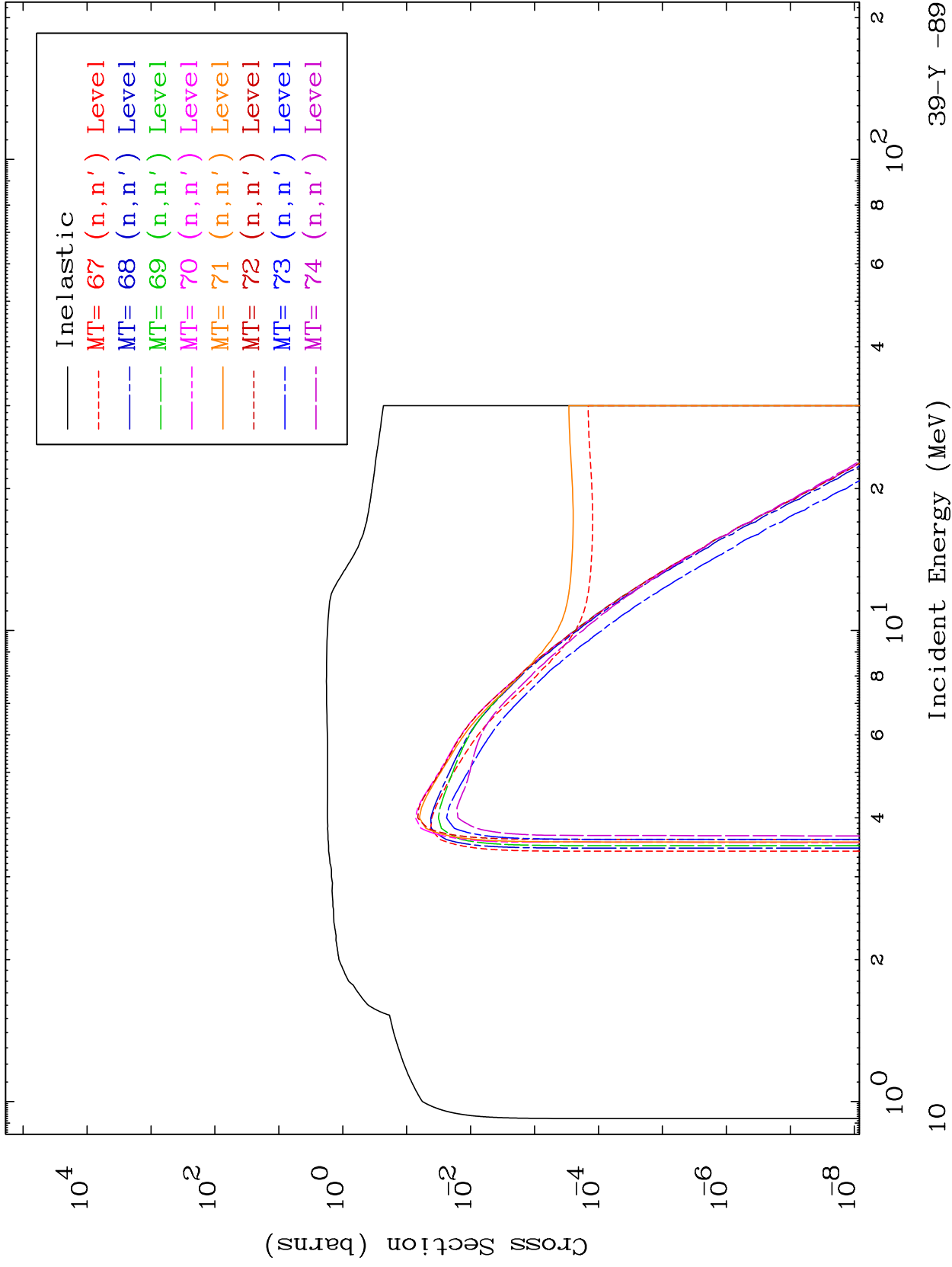
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MAT 3925

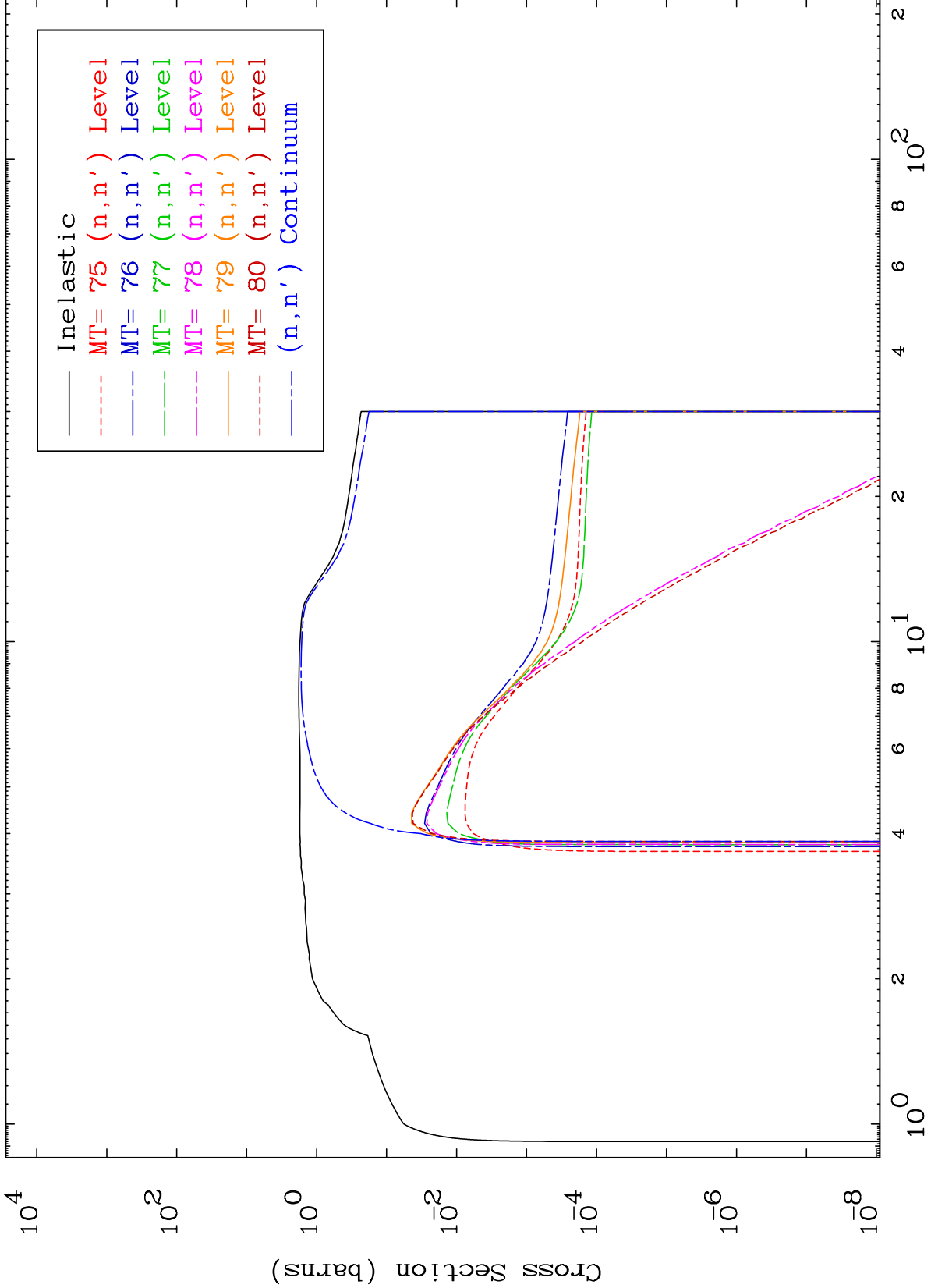
(n,n') Levels

293 Kelvin Cross Sections

39-Y -89



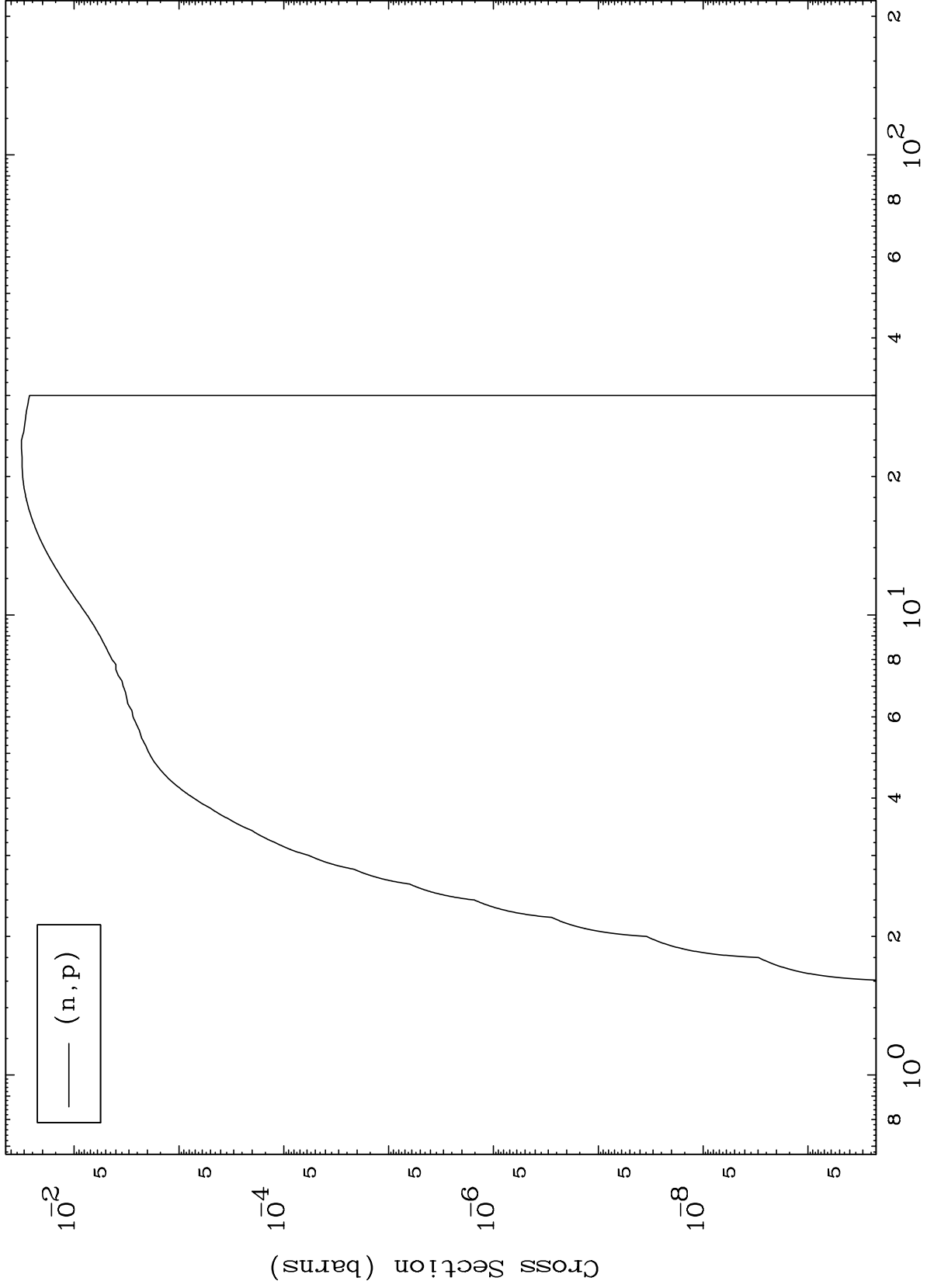
39-Y -89



MAT 3925

(n,p) Levels
293 Kelvin Cross Sections

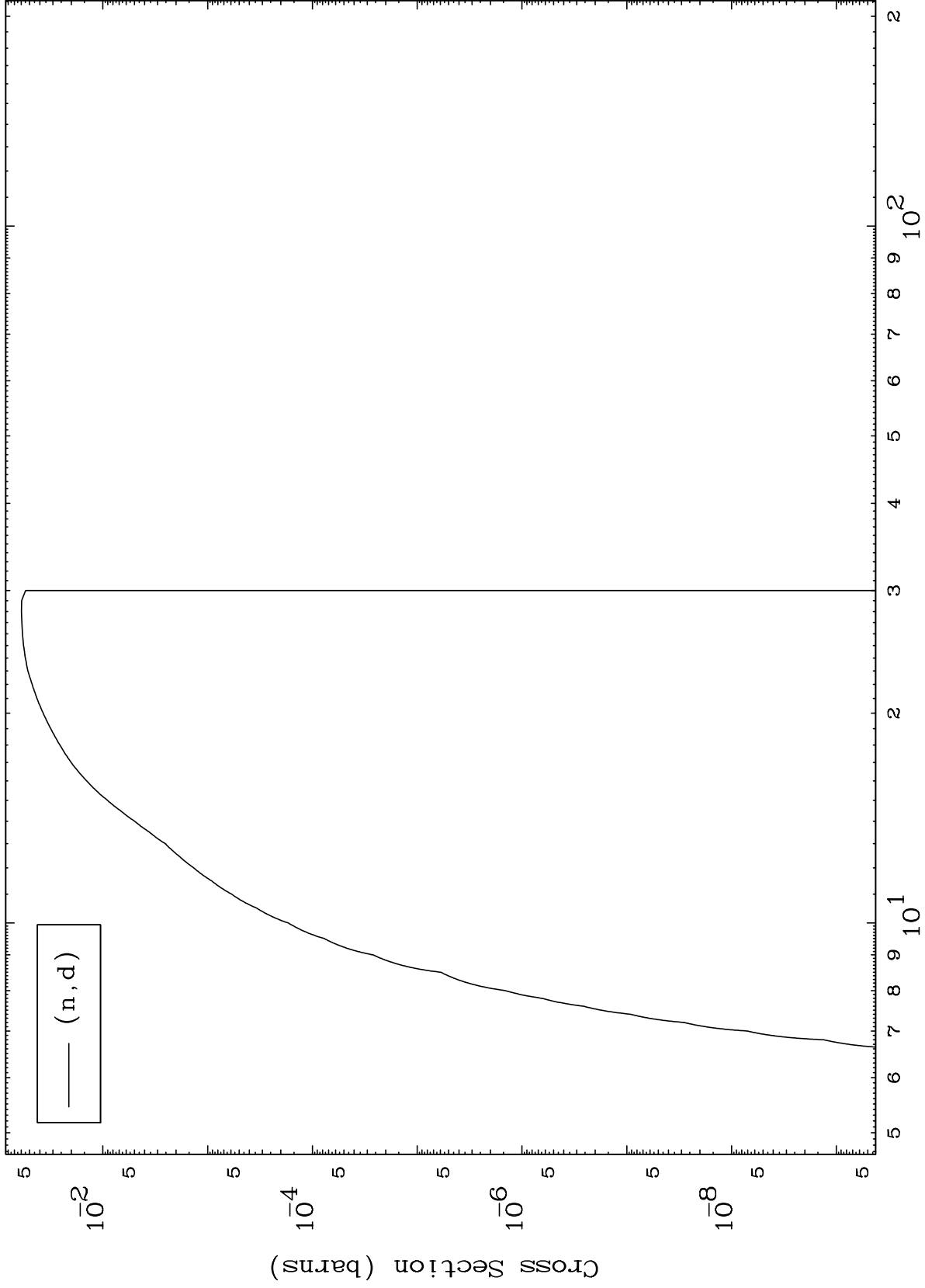
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12

Incident Energy (MeV)

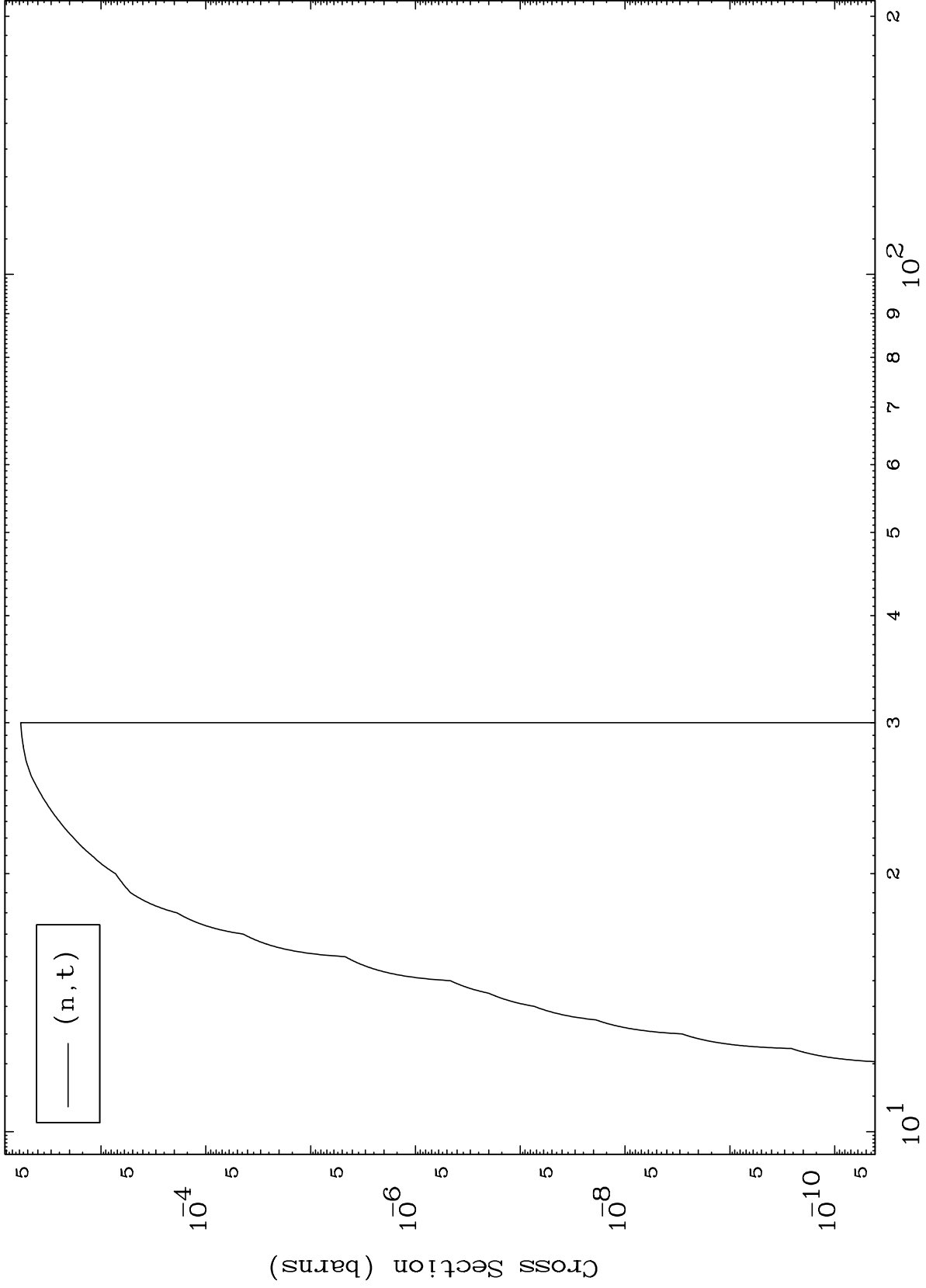
39-Y -89



MAT 3925

(n,t) Levels
293 Kelvin Cross Sections

39-Y -89



14

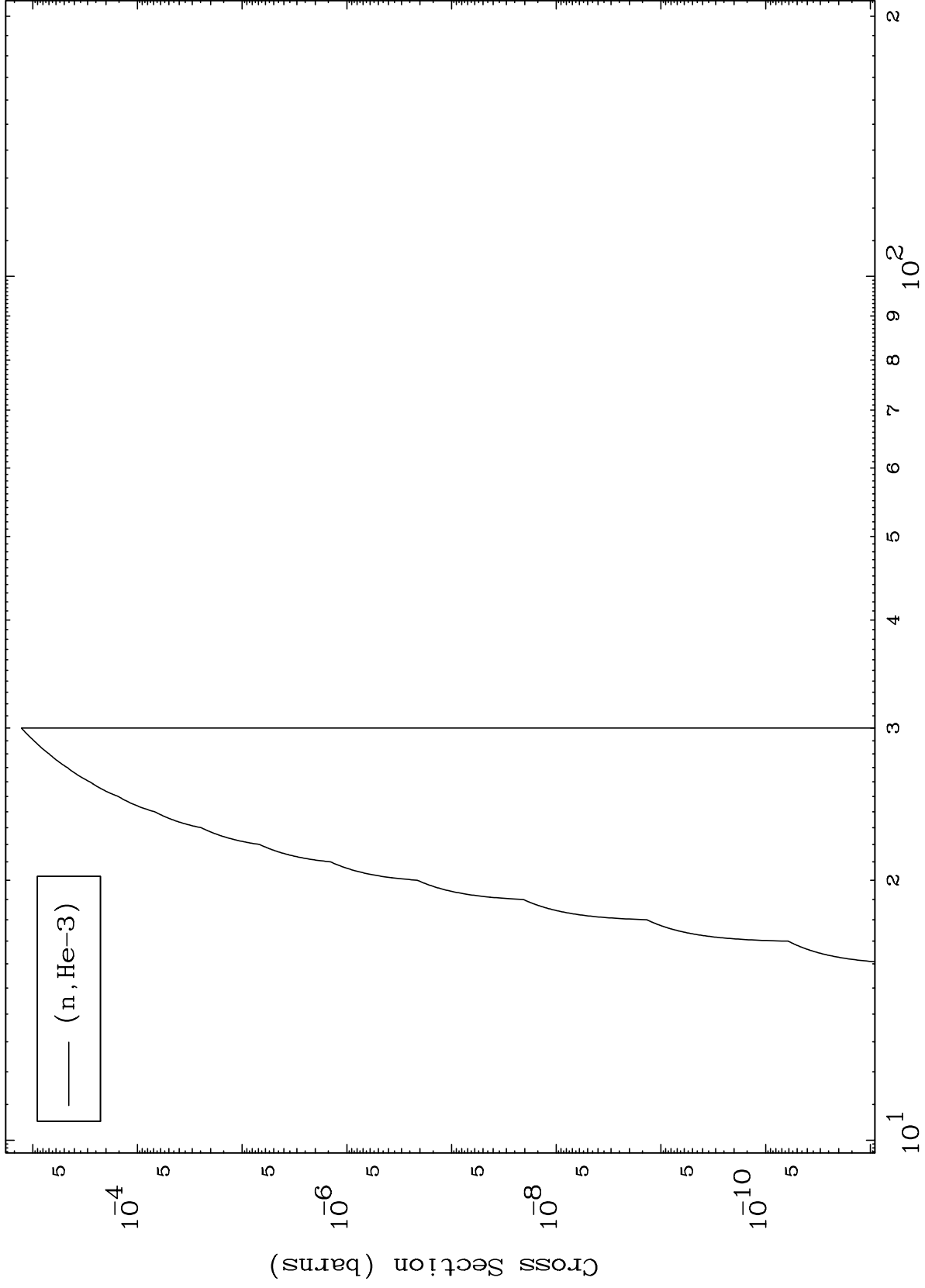
Incident Energy (MeV)

39-Y -89

MAT 3925

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -89



15

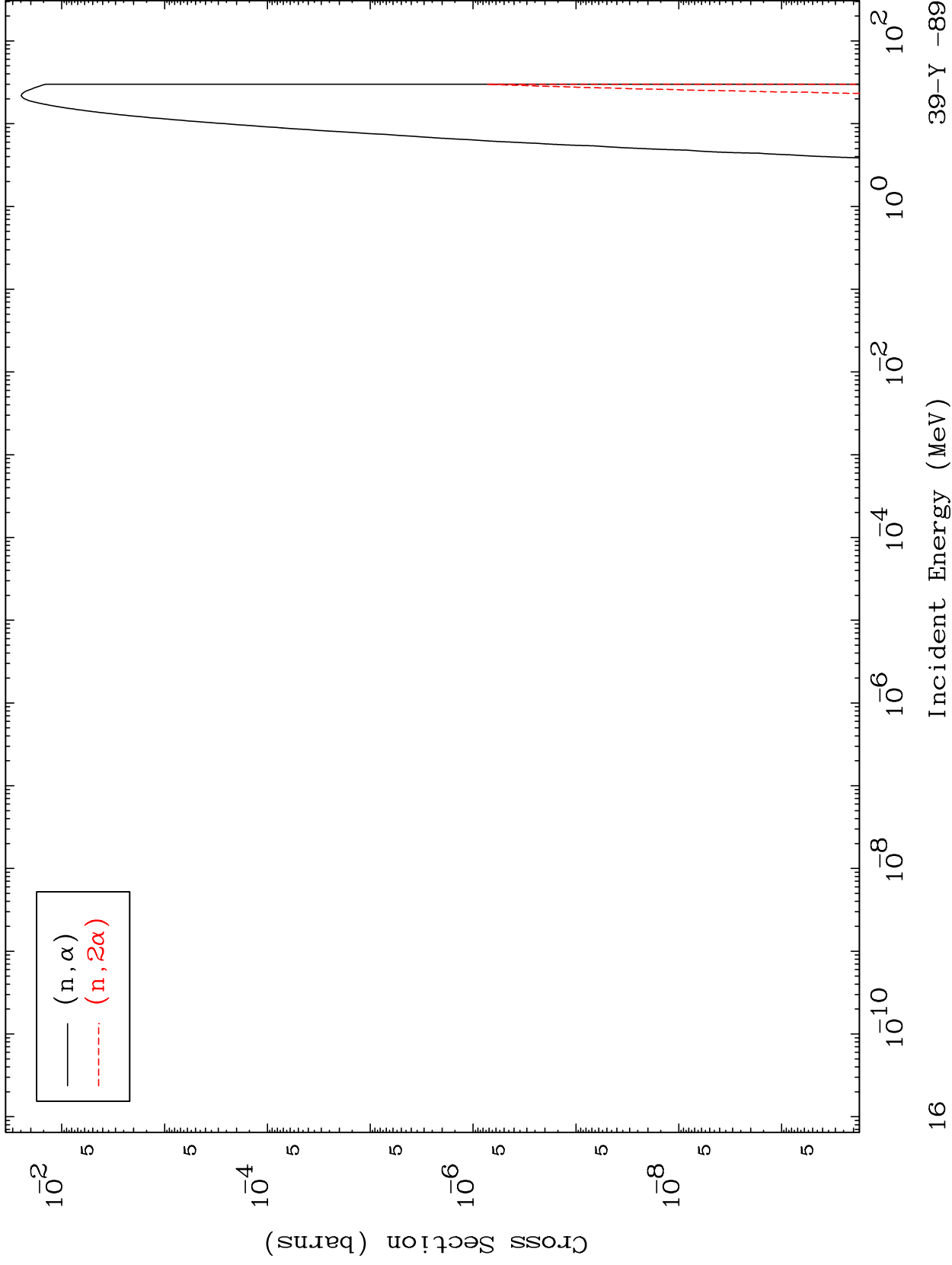
Incident Energy (MeV)

39-Y -89

MAT 3925

(n, α) Levels
293 Kelvin Cross Sections

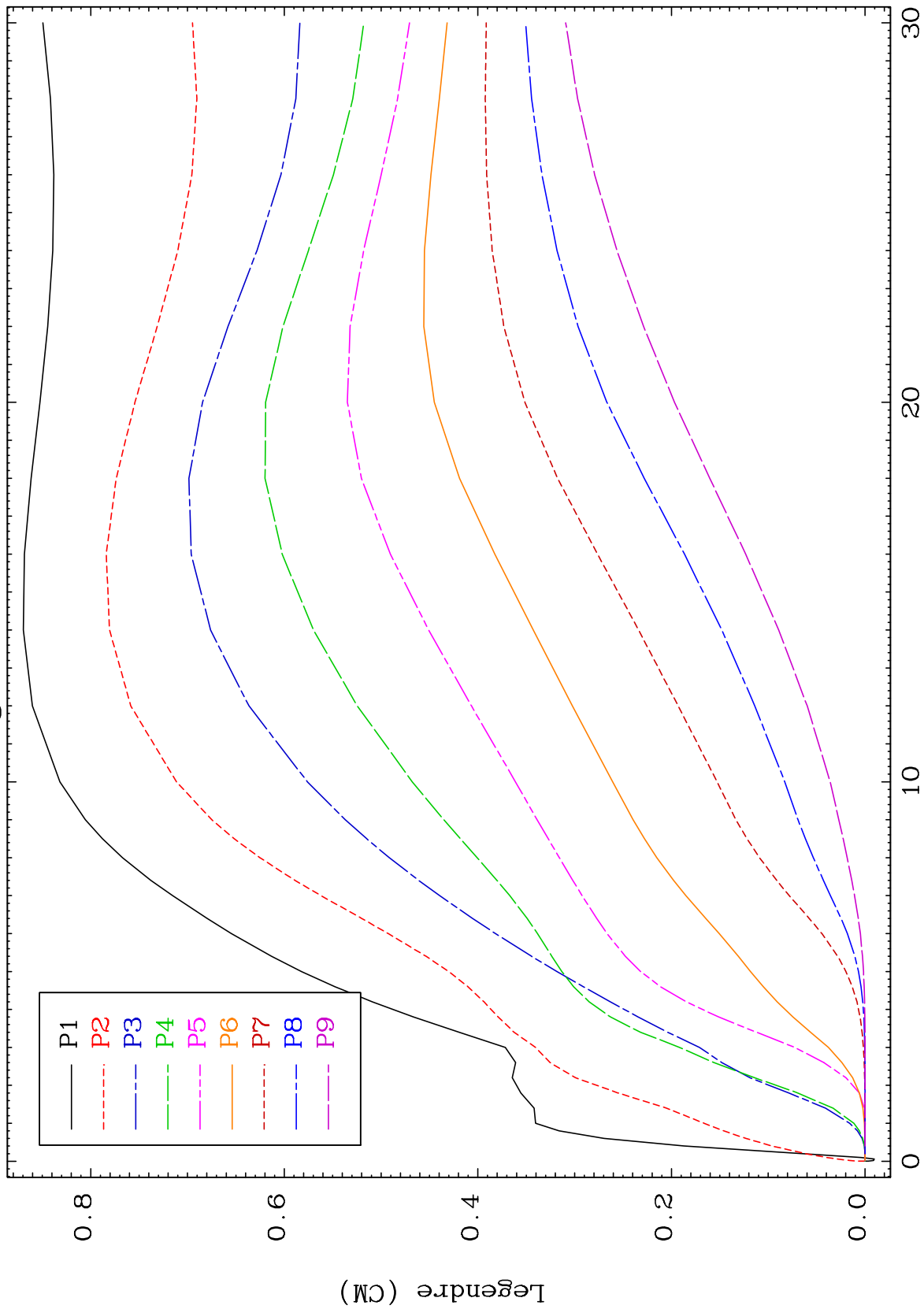
39-Y -89



MAT 3925

Elastic Legendre Coefficients

39-Y -89



17

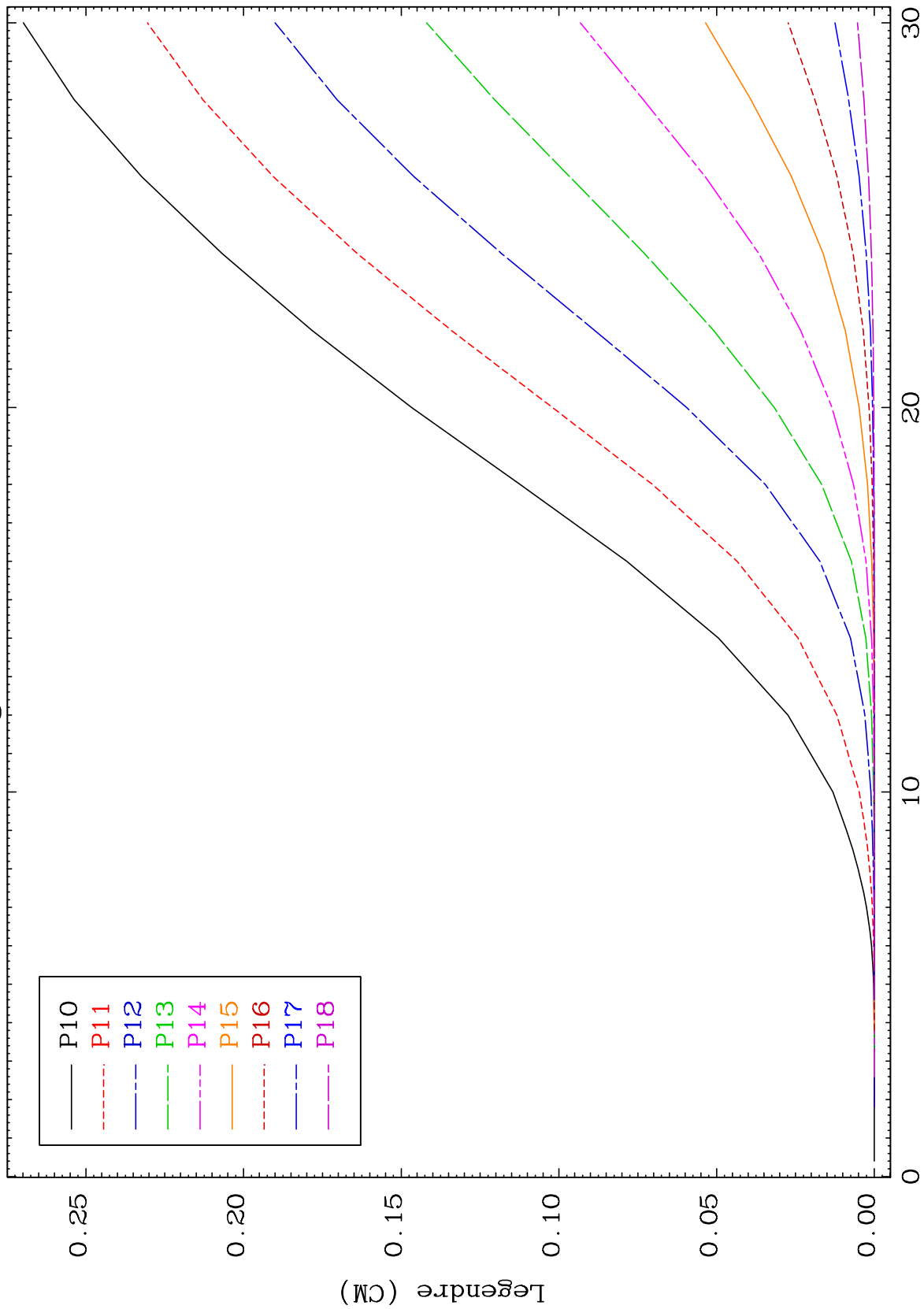
Incident Energy (MeV)

39-Y -89

MAT 3925

Elastic Legendre Coefficients

39-Y -89



18

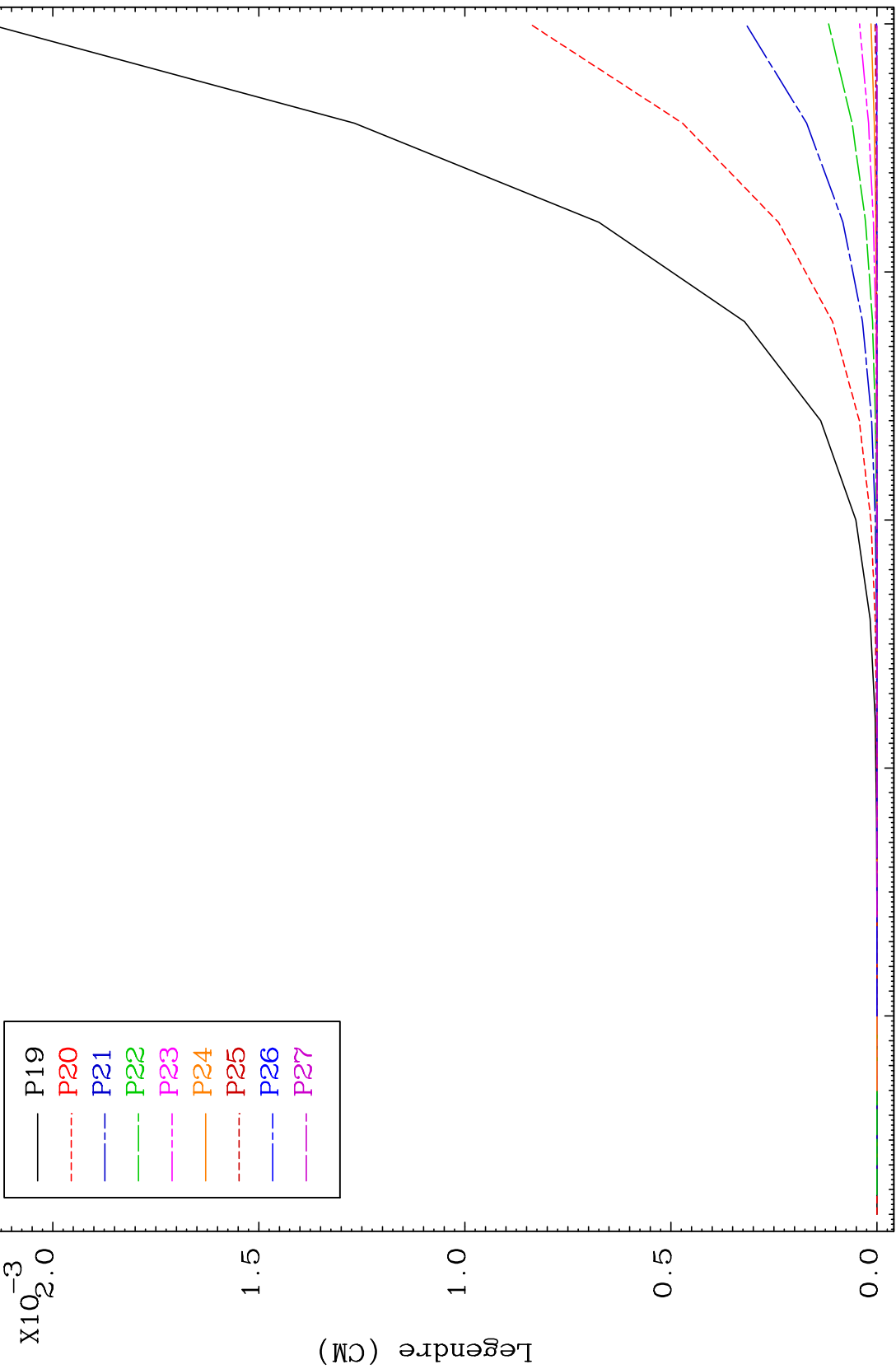
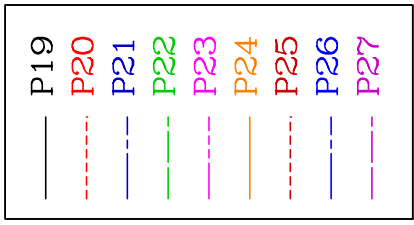
Incident Energy (MeV)

39-Y -89

MAT 3925

Elastic Legendre Coefficients

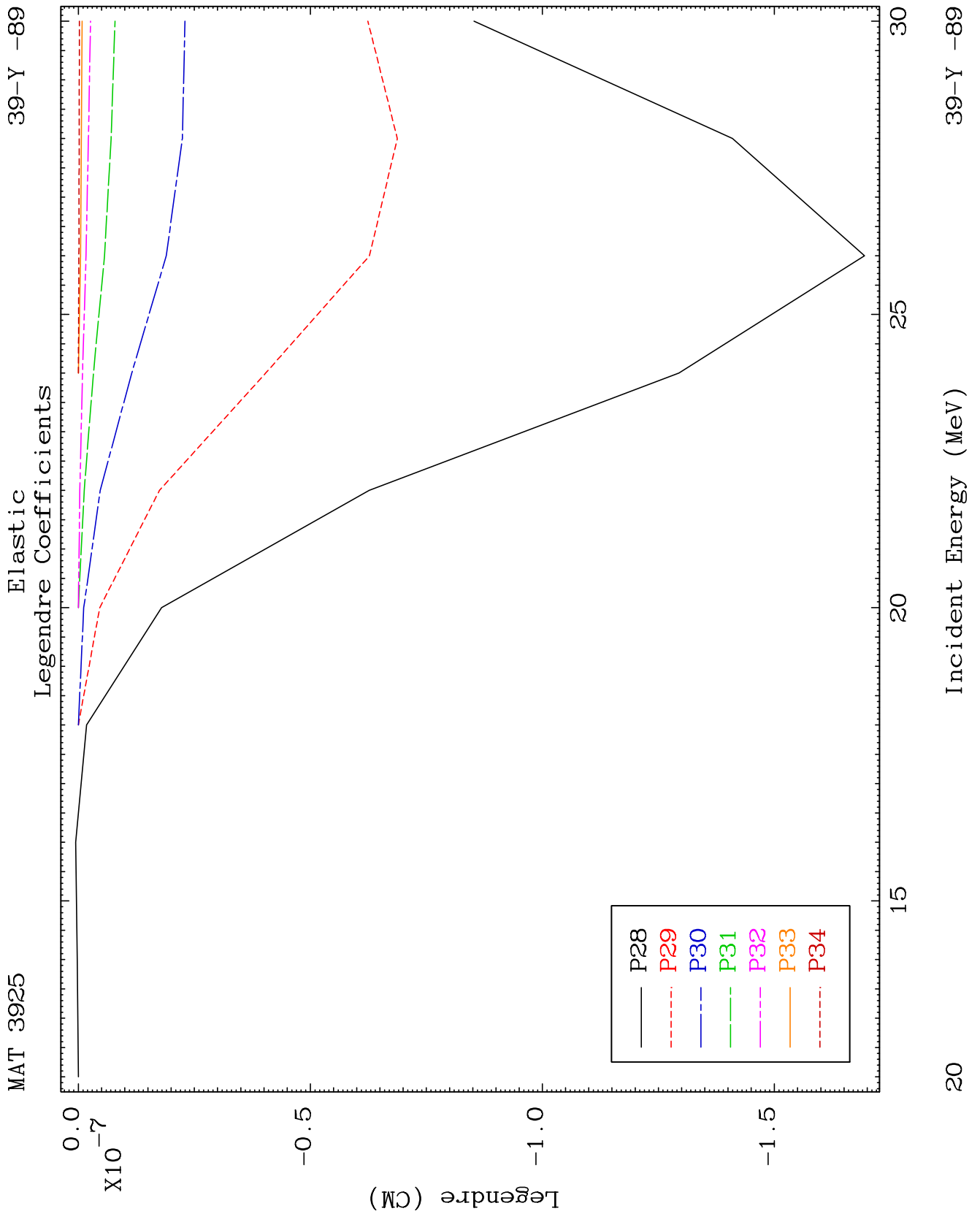
39-Y -89



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Incident Energy (MeV)

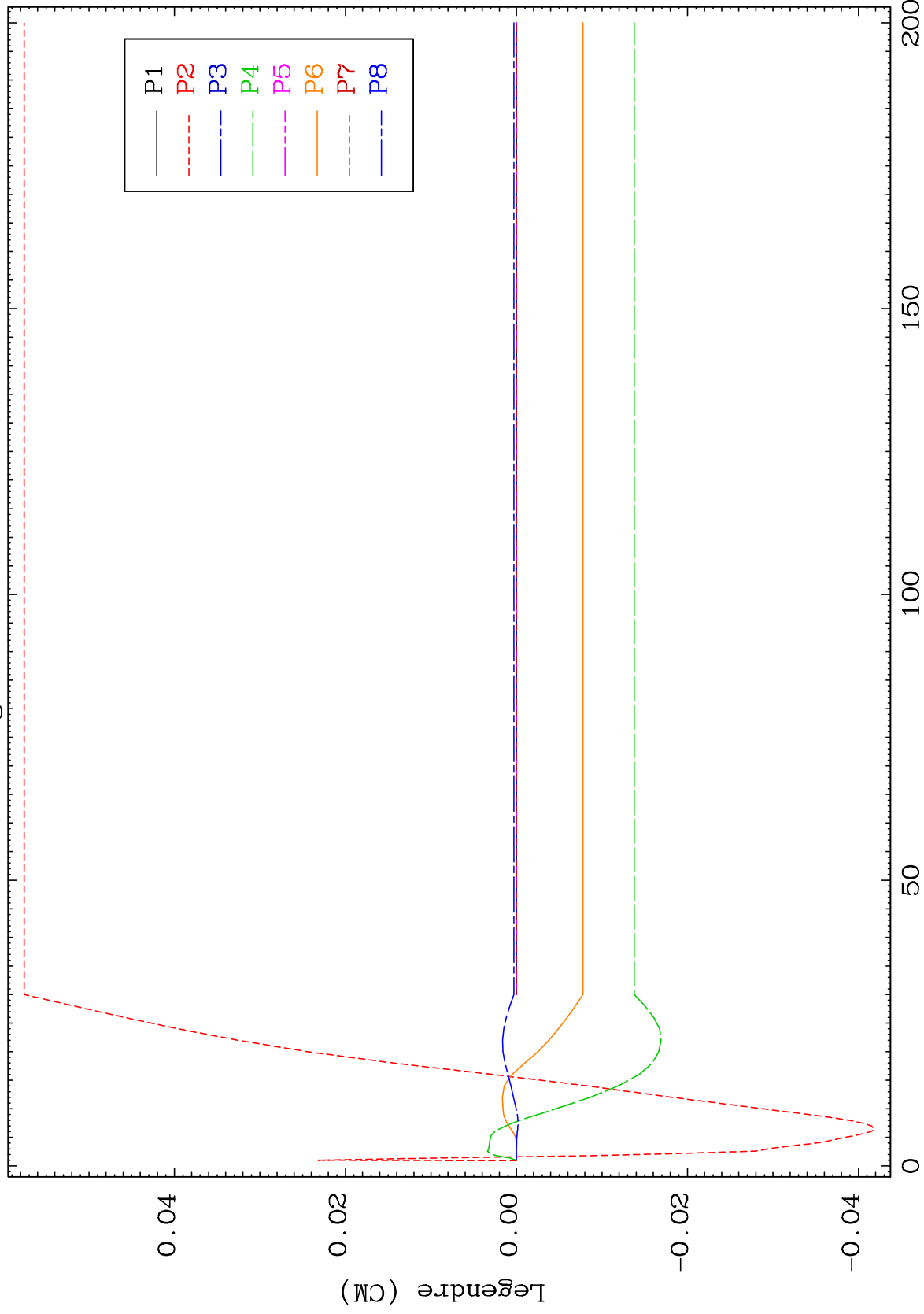
39-Y -89



MAT 3925

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

39-Y -89



21

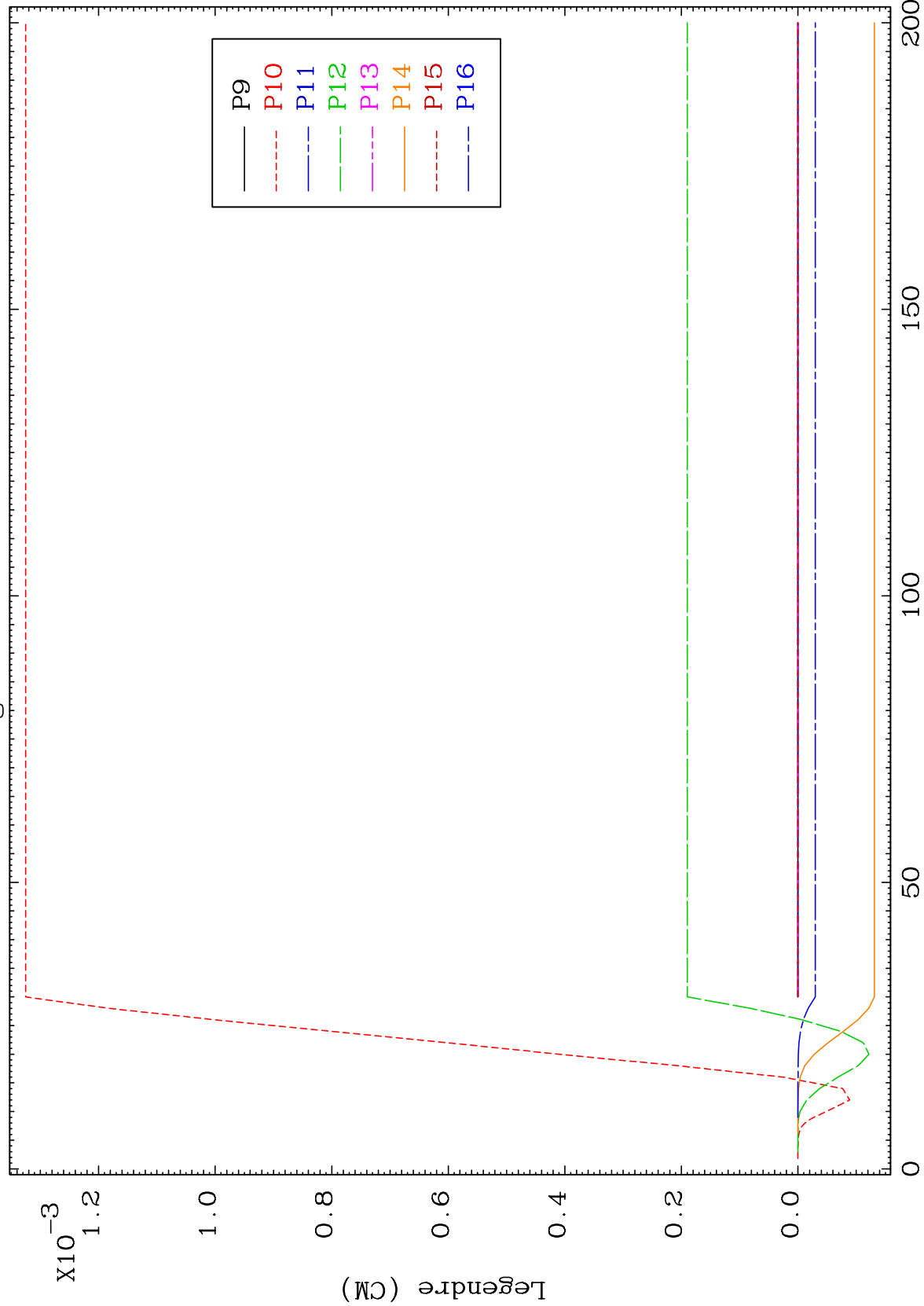
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



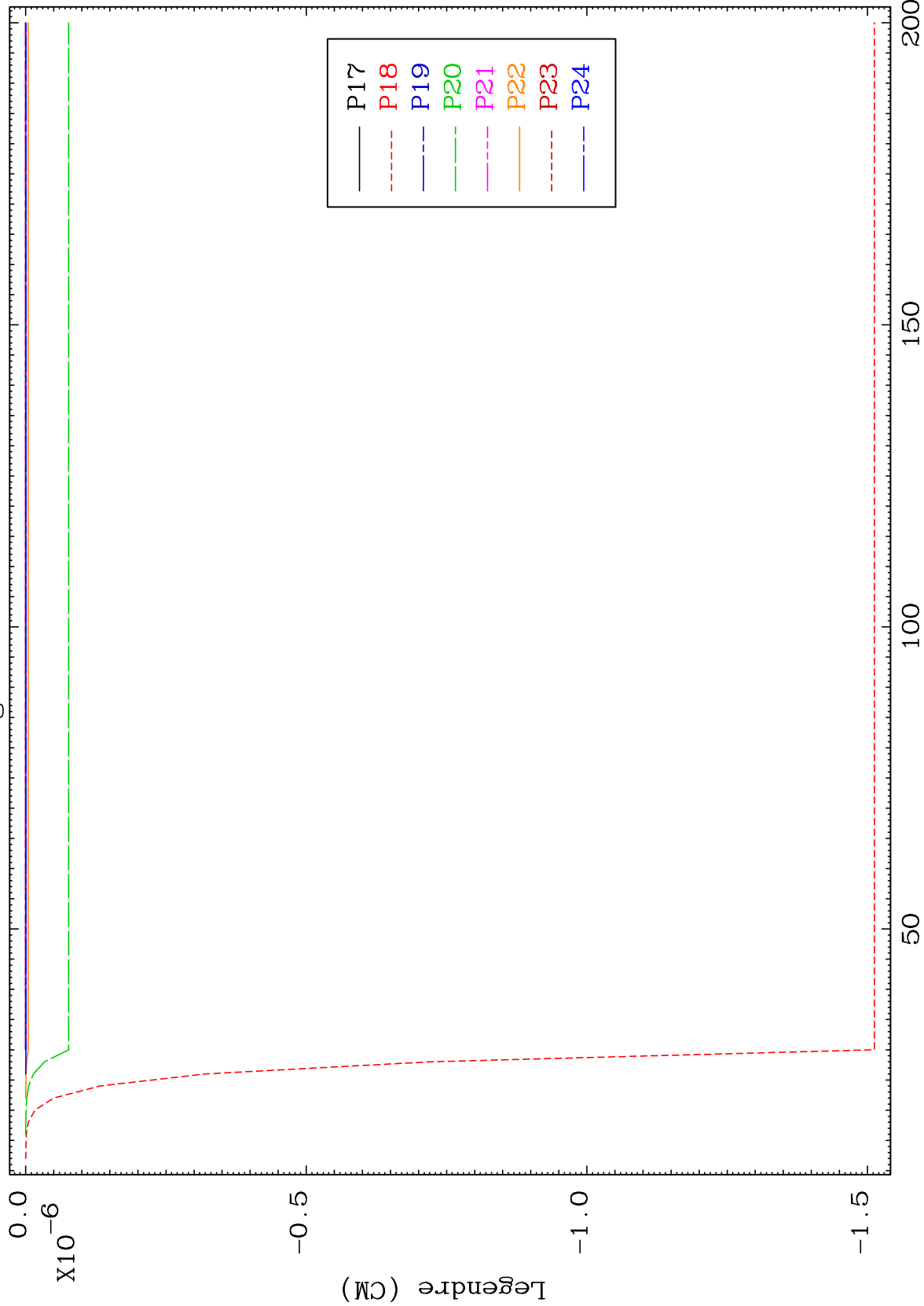
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Incident Energy (MeV)

39-Y -89

MAT 3925 MT= 51 (n,n') Level 39-Y -89

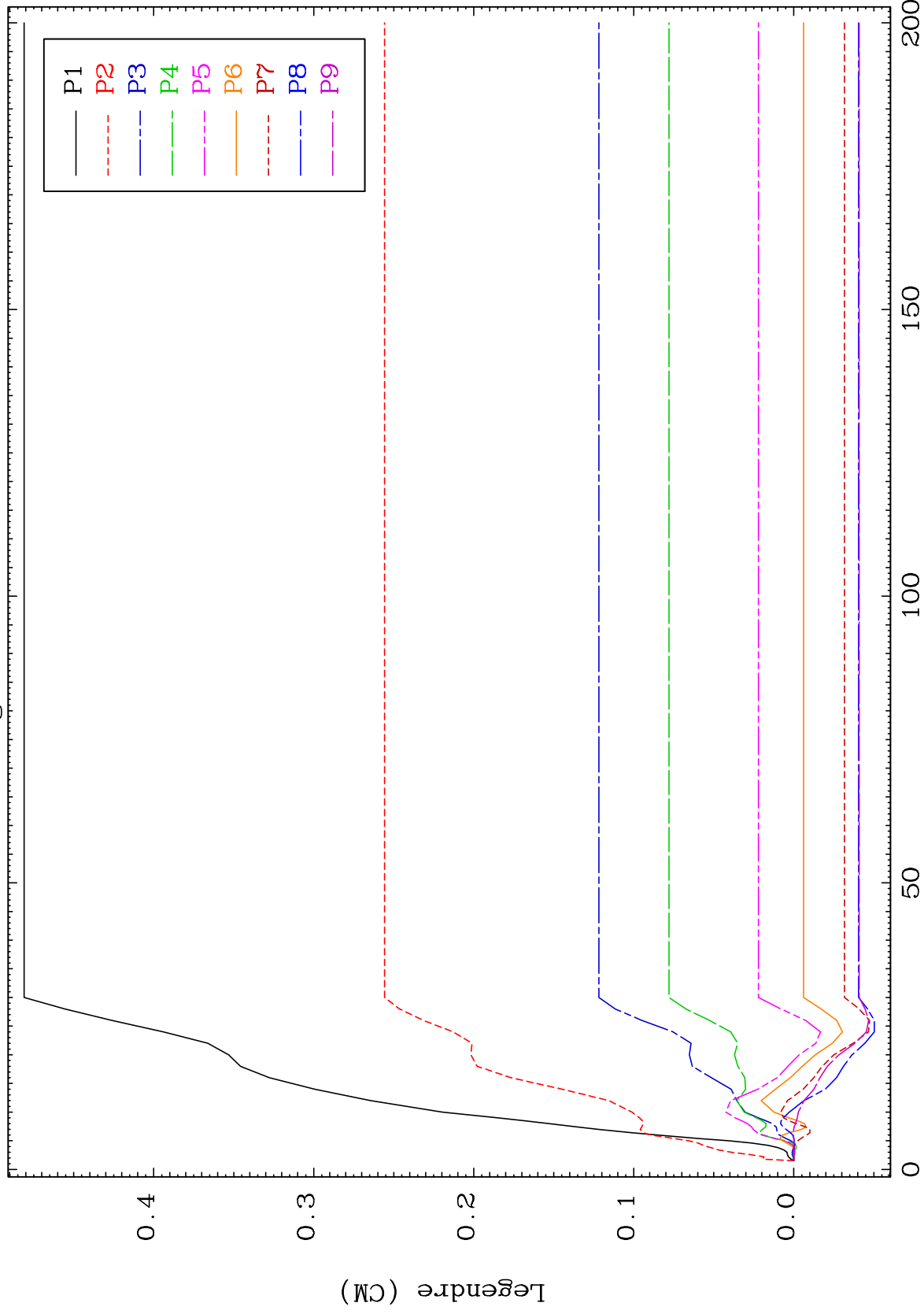
Legendre Coefficients



MAT 3925

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

39-Y -89



24

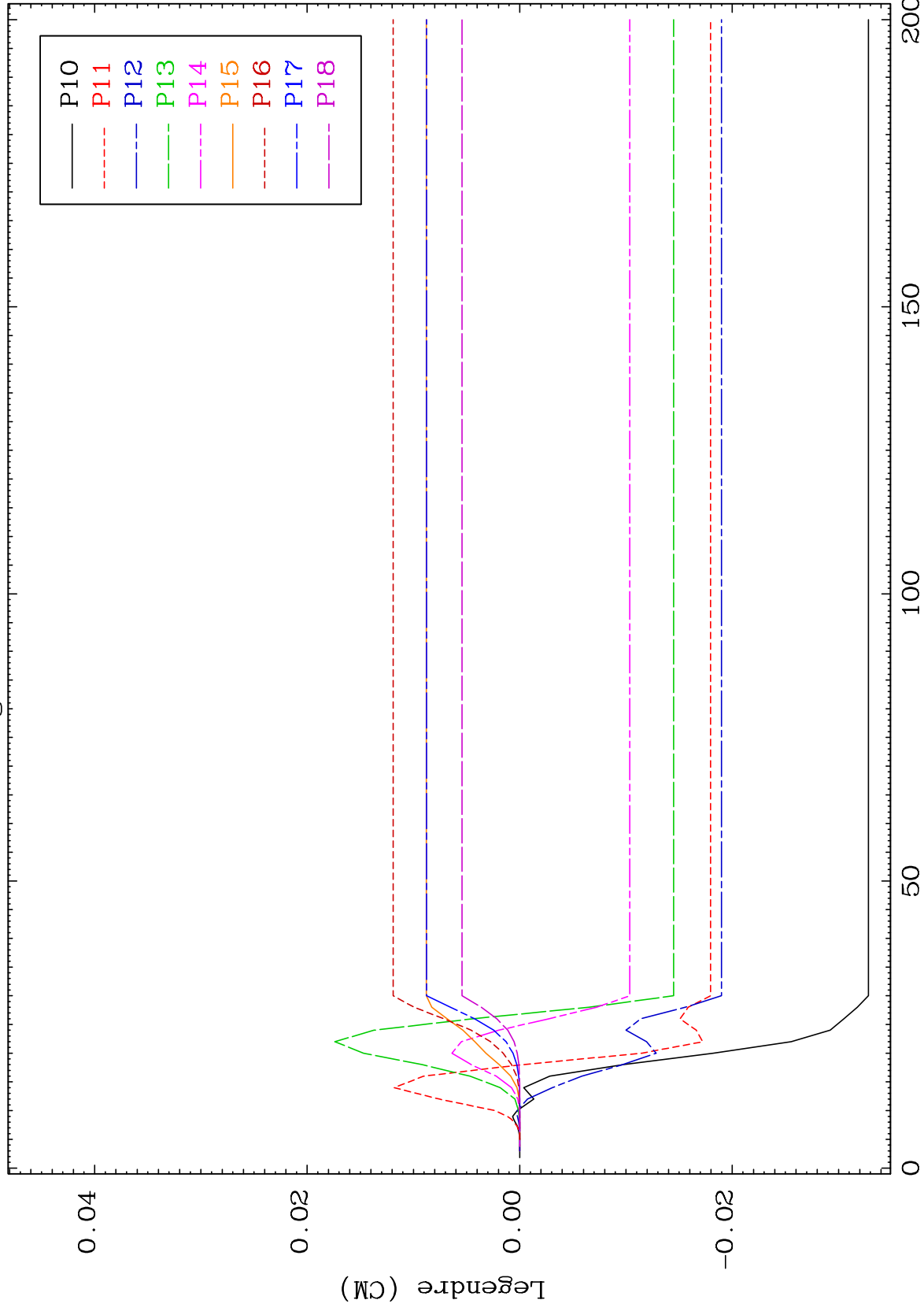
Incident Energy (MeV)

39-Y -89

MAT 3925

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

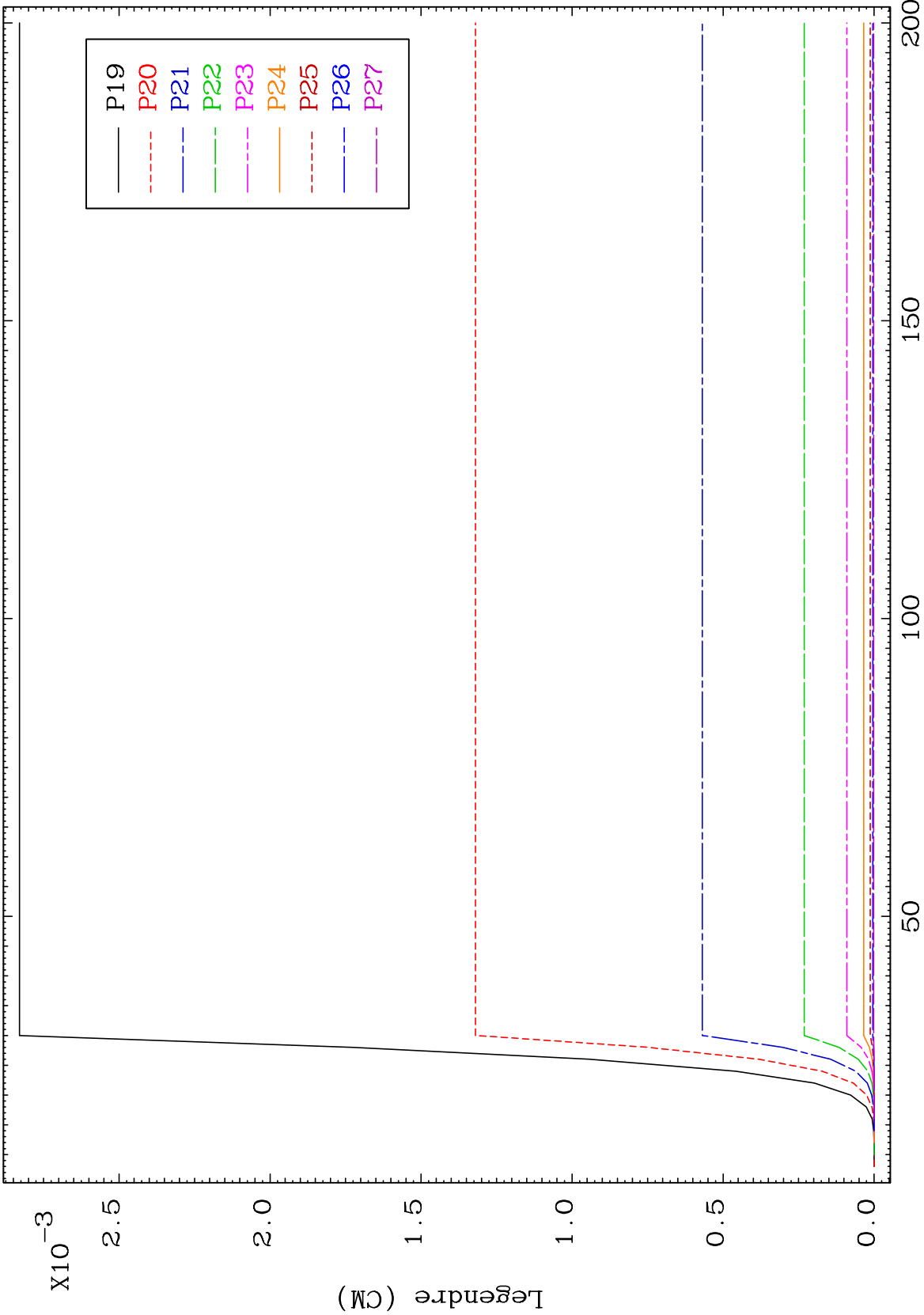
39-Y -89



25

Incident Energy (MeV)

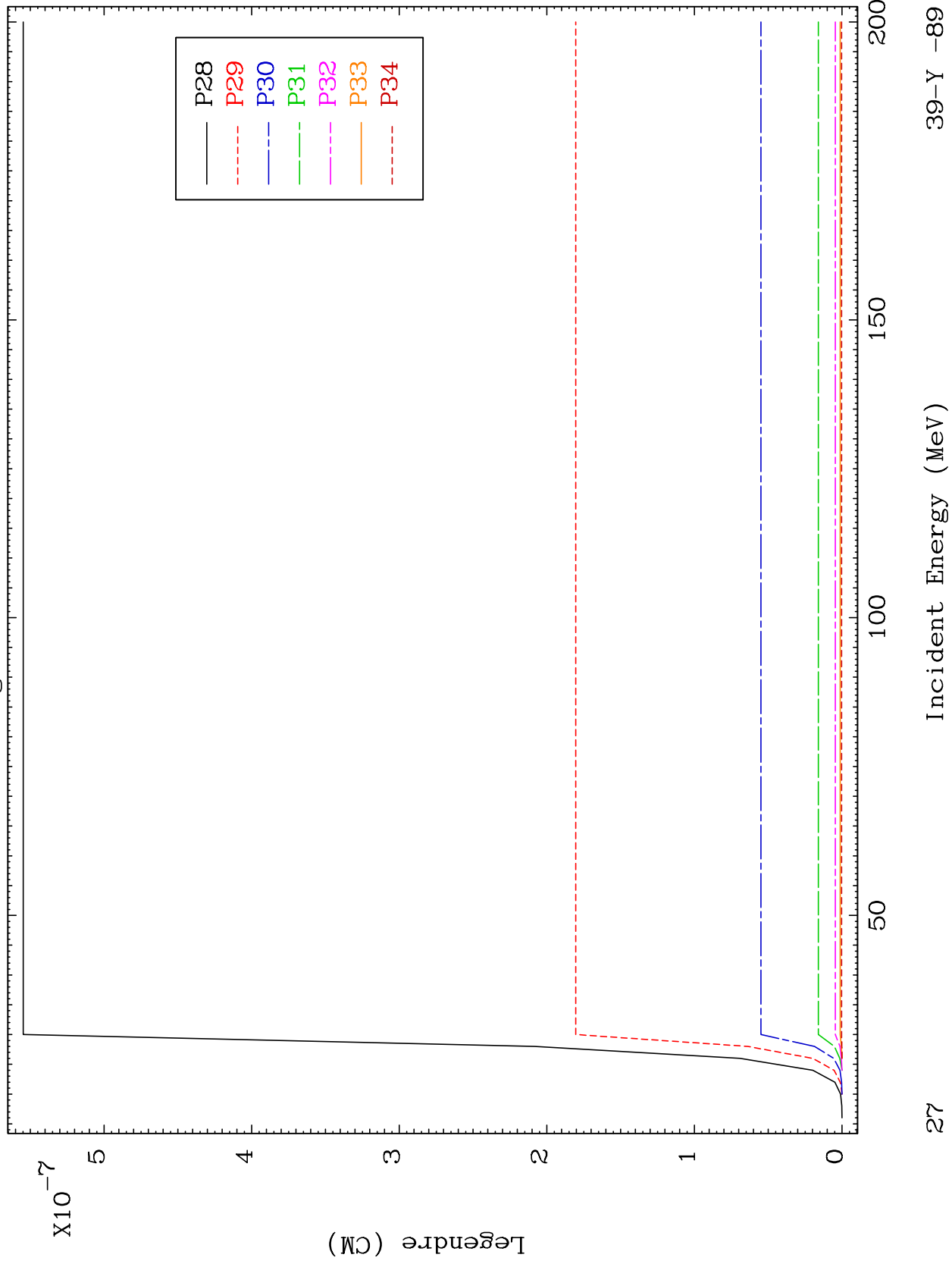
39-Y -89



MAT 3925

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

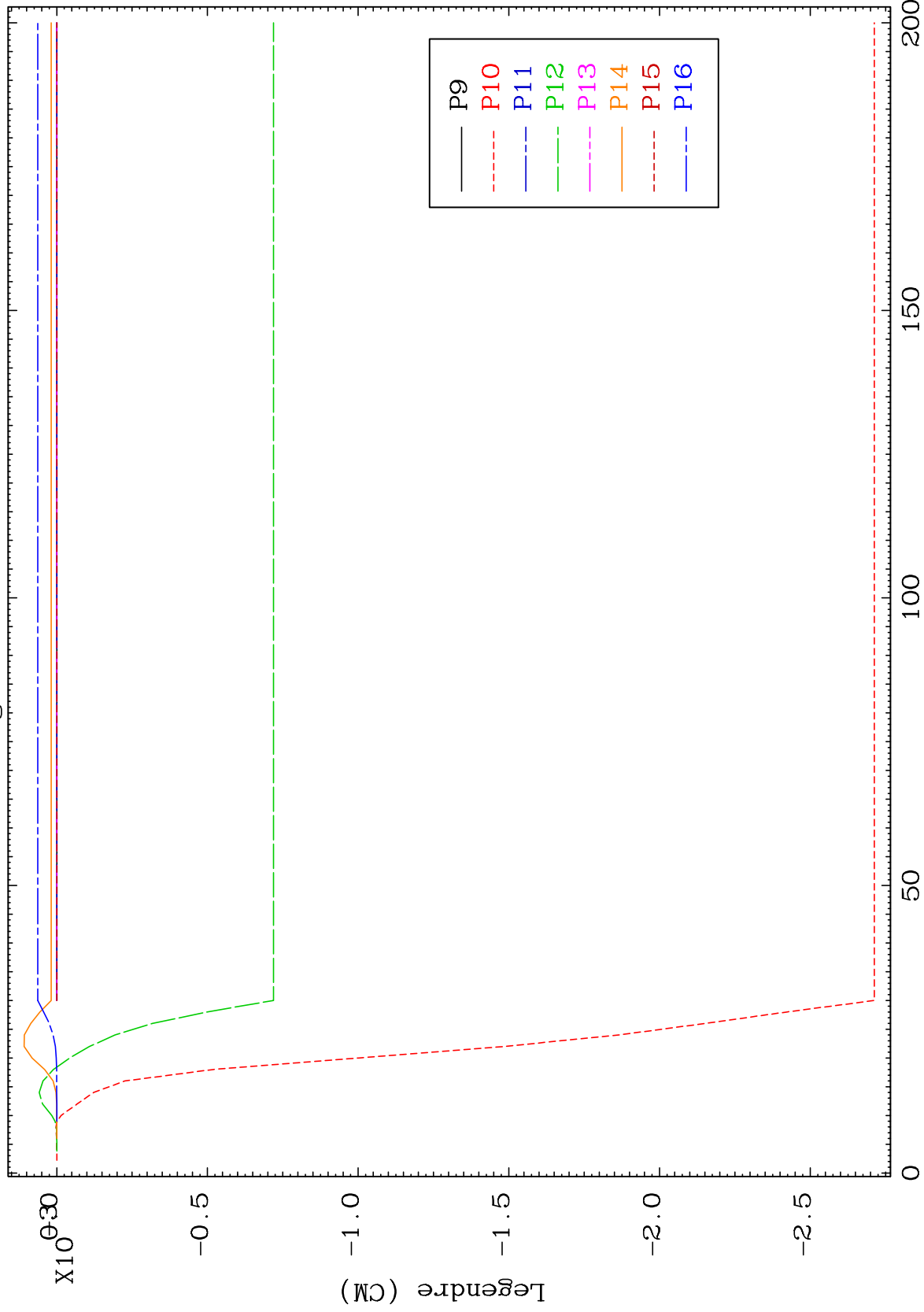
39-Y -89



MAT 3925

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

39-Y -89



29

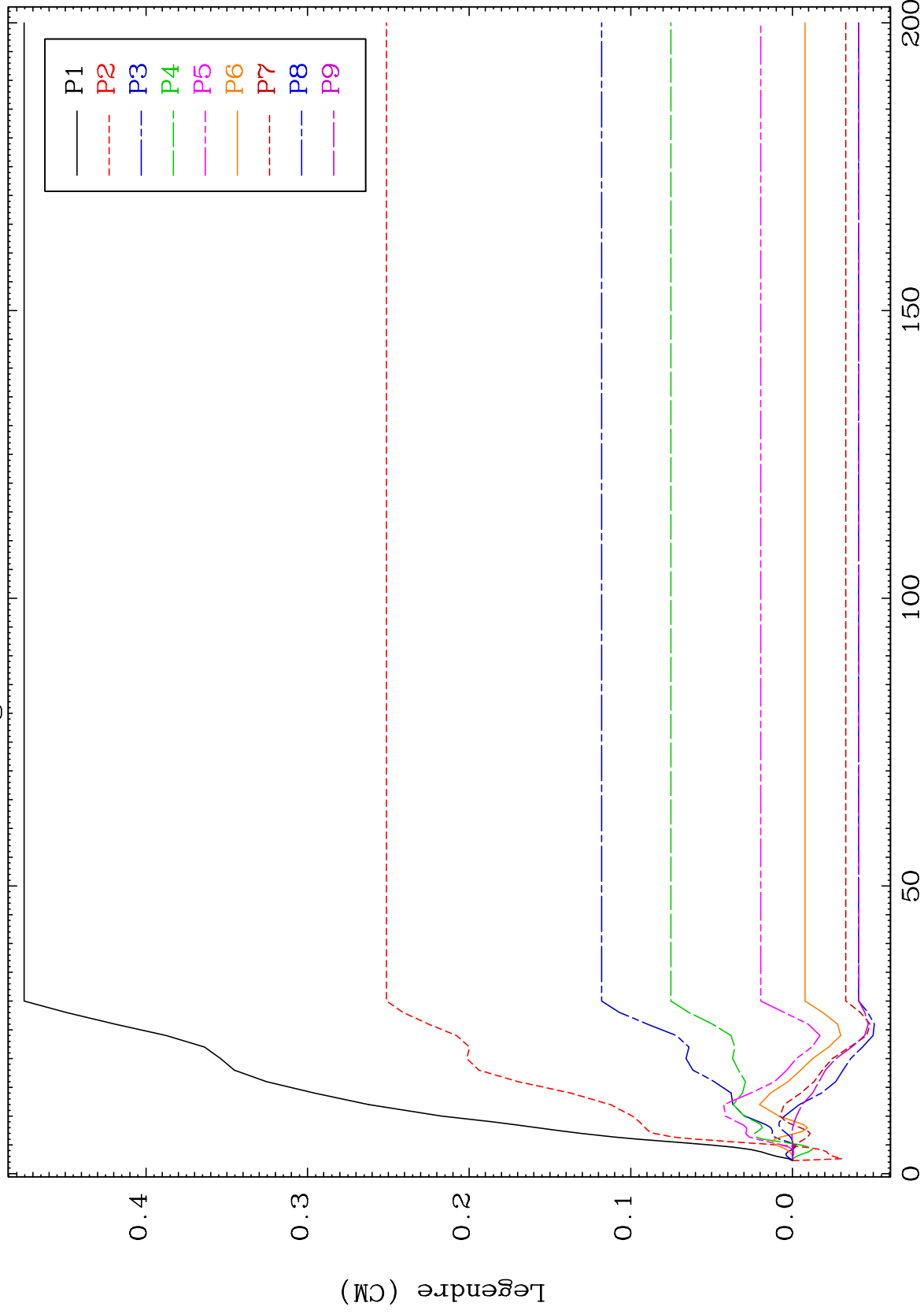
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



31

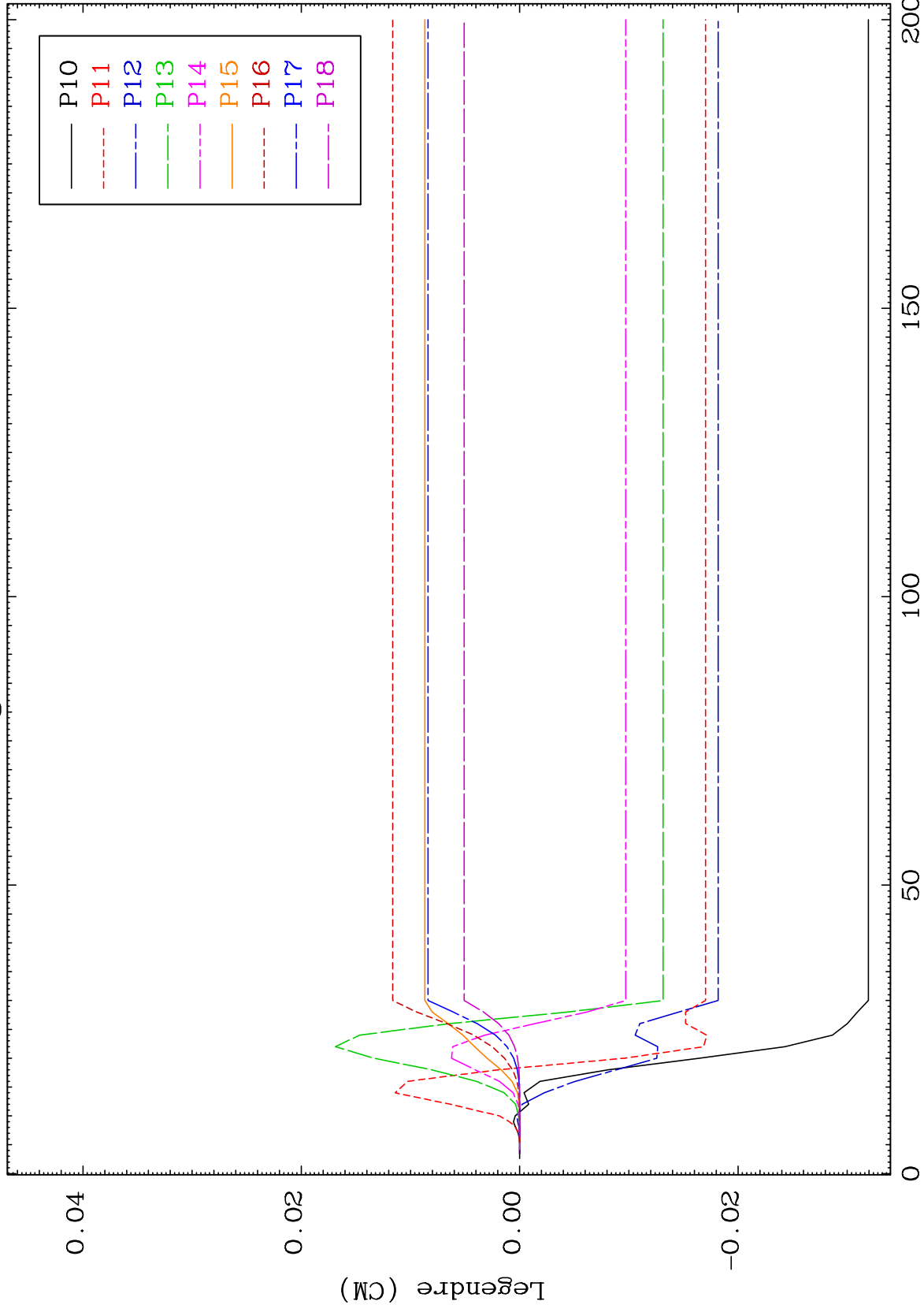
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



32

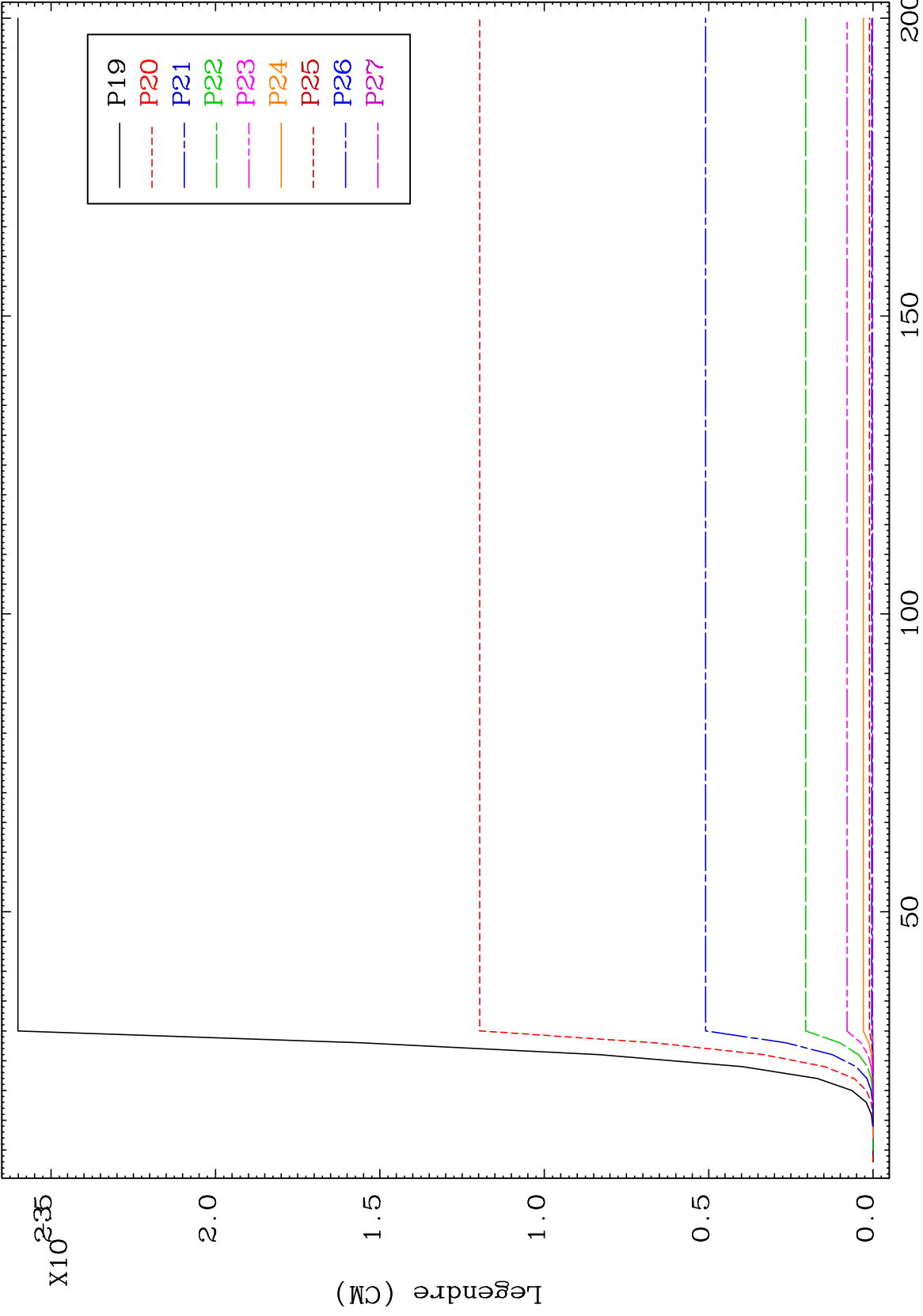
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



33

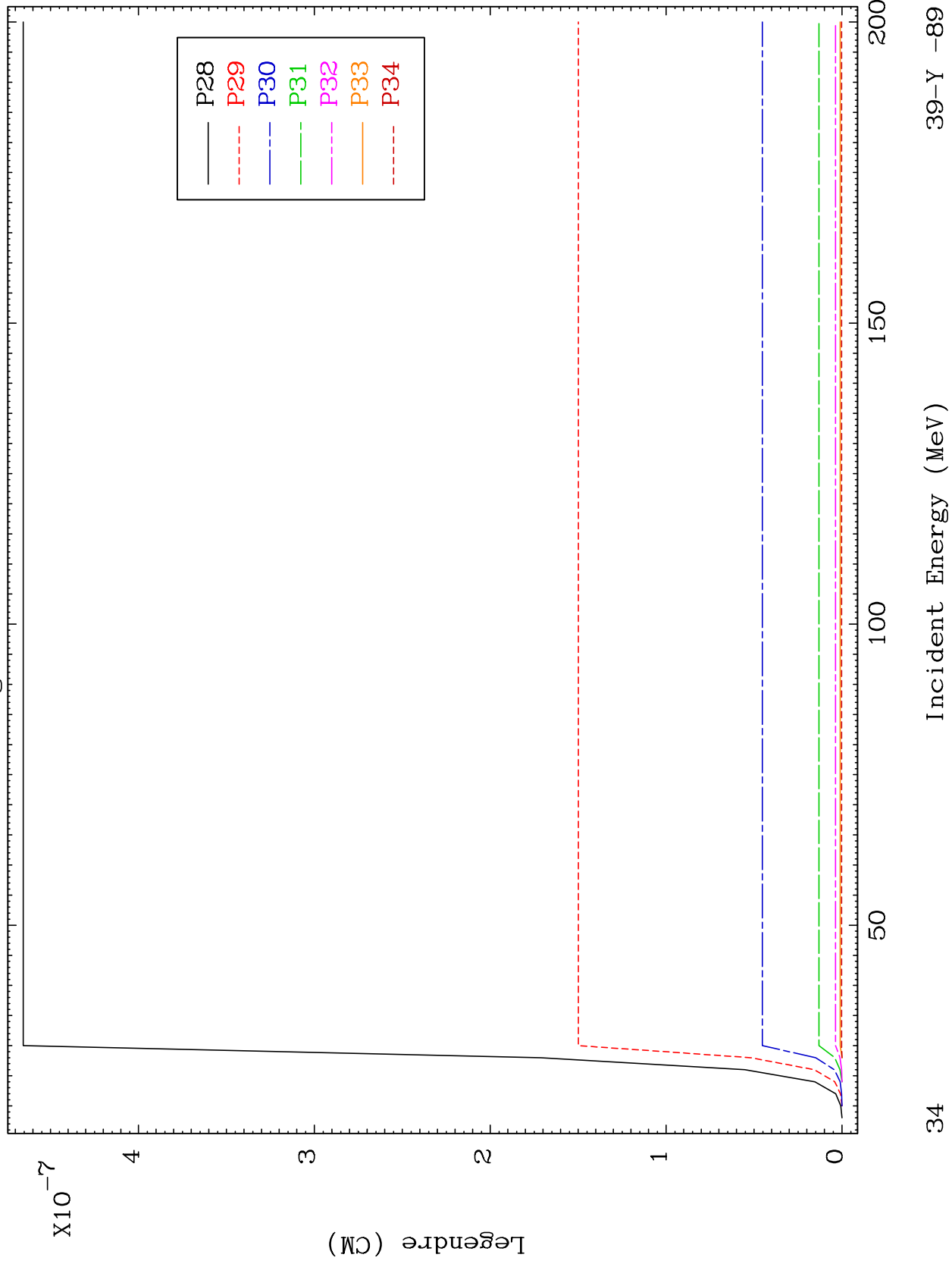
Incident Energy (MeV)

39-Y -89

MAT 3925

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

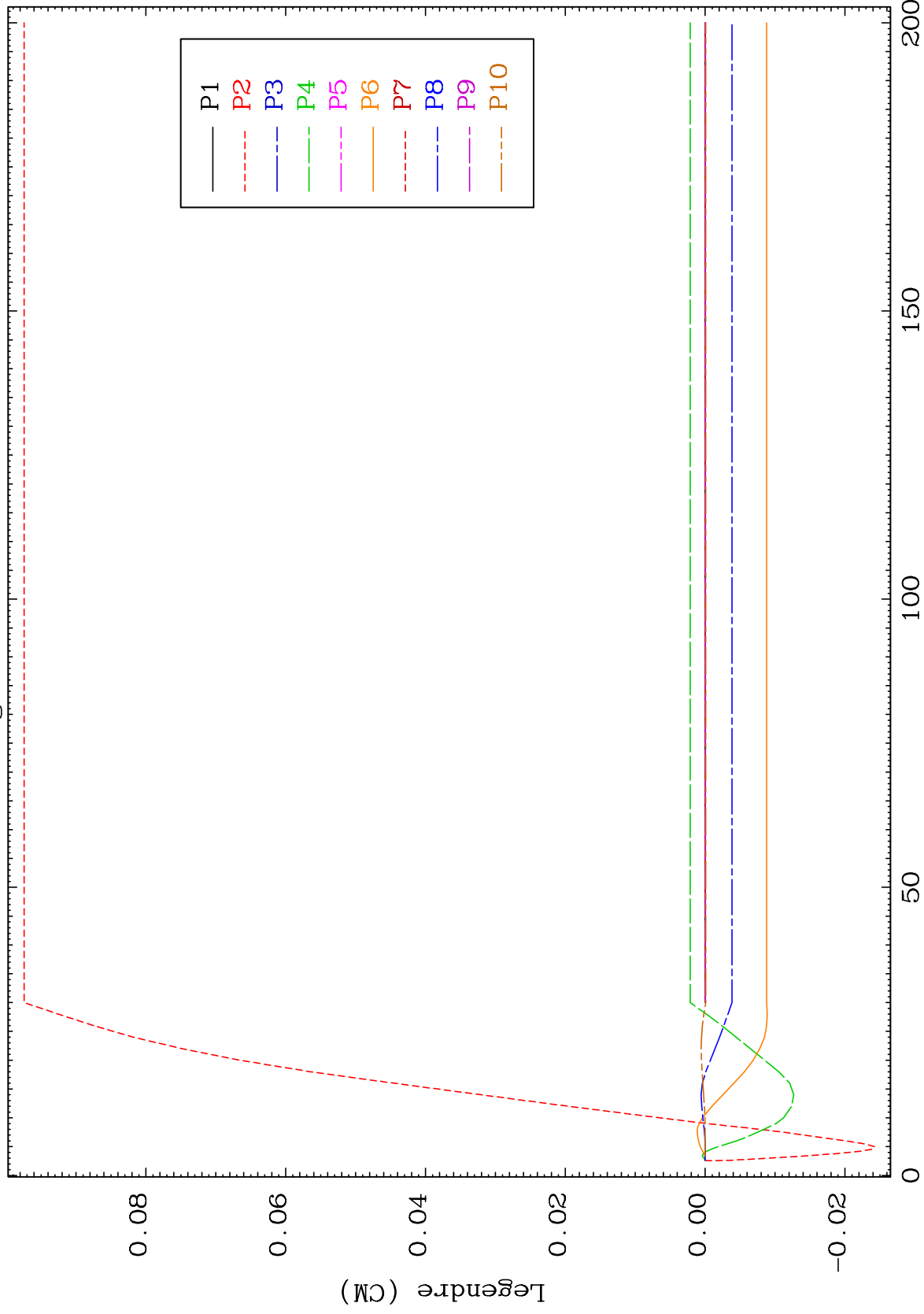
39-Y -89



MAT 3925

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

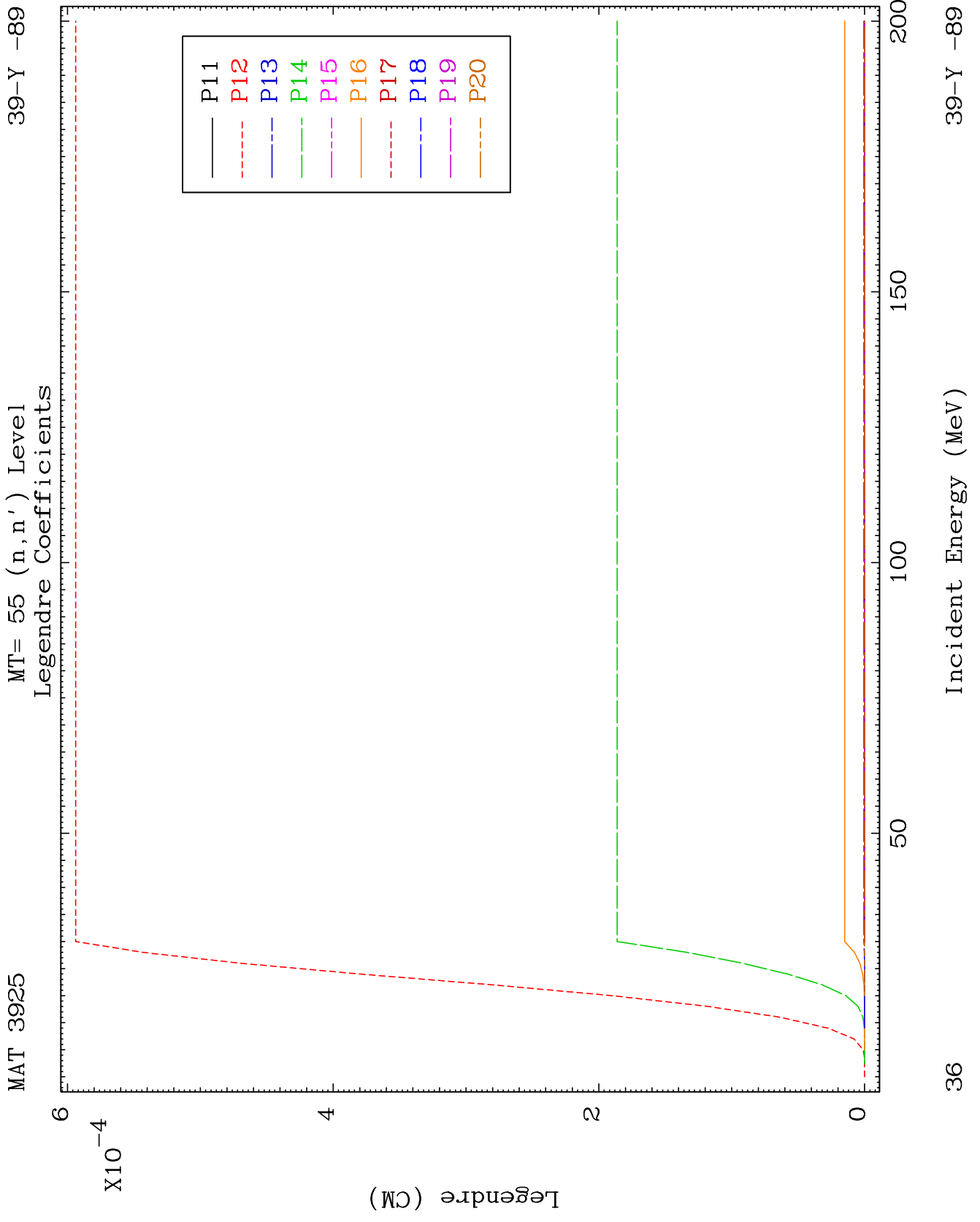
39-Y -89



35

Incident Energy (MeV)

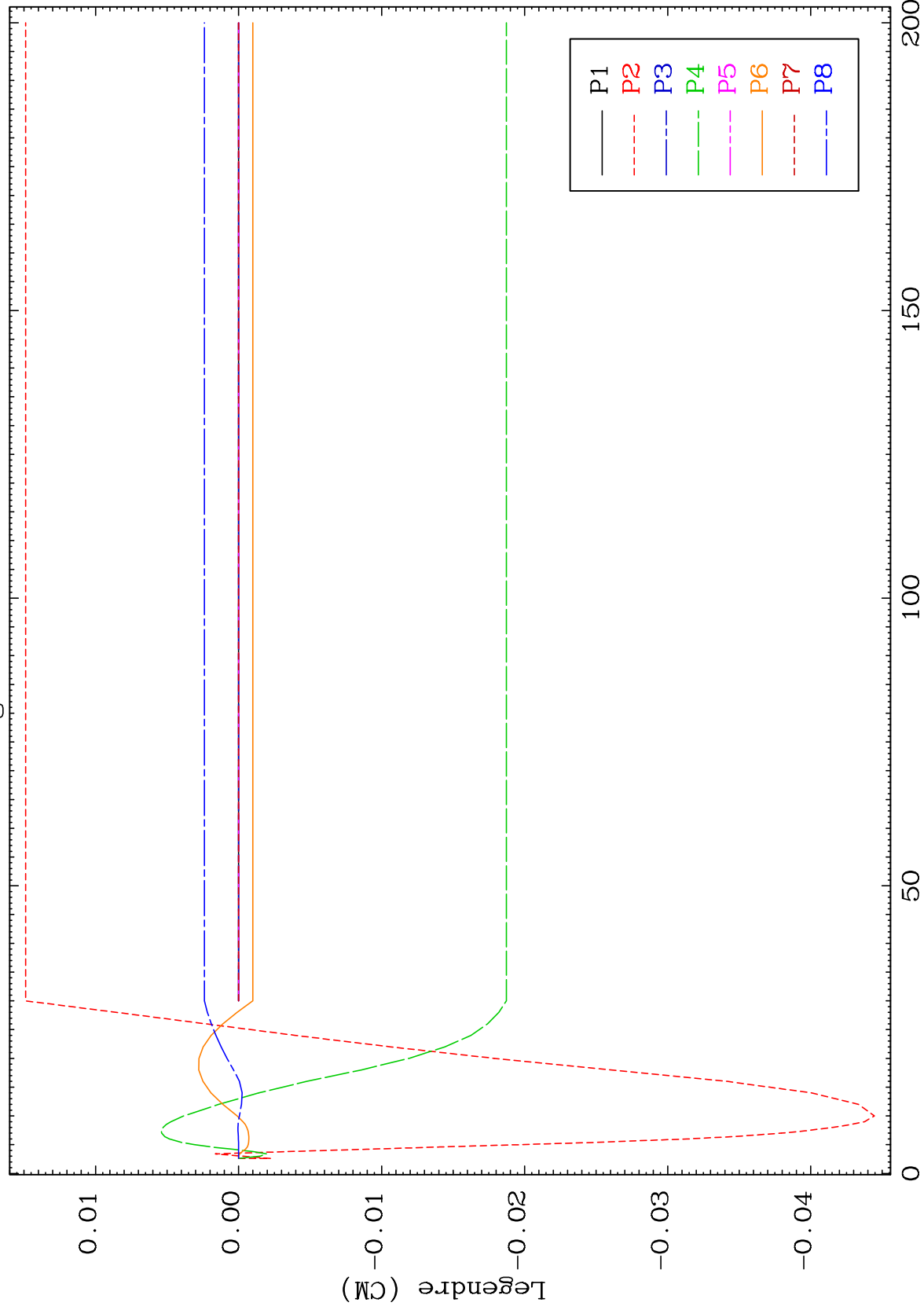
39-Y -89



MAT 3925

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

39-Y -89



37

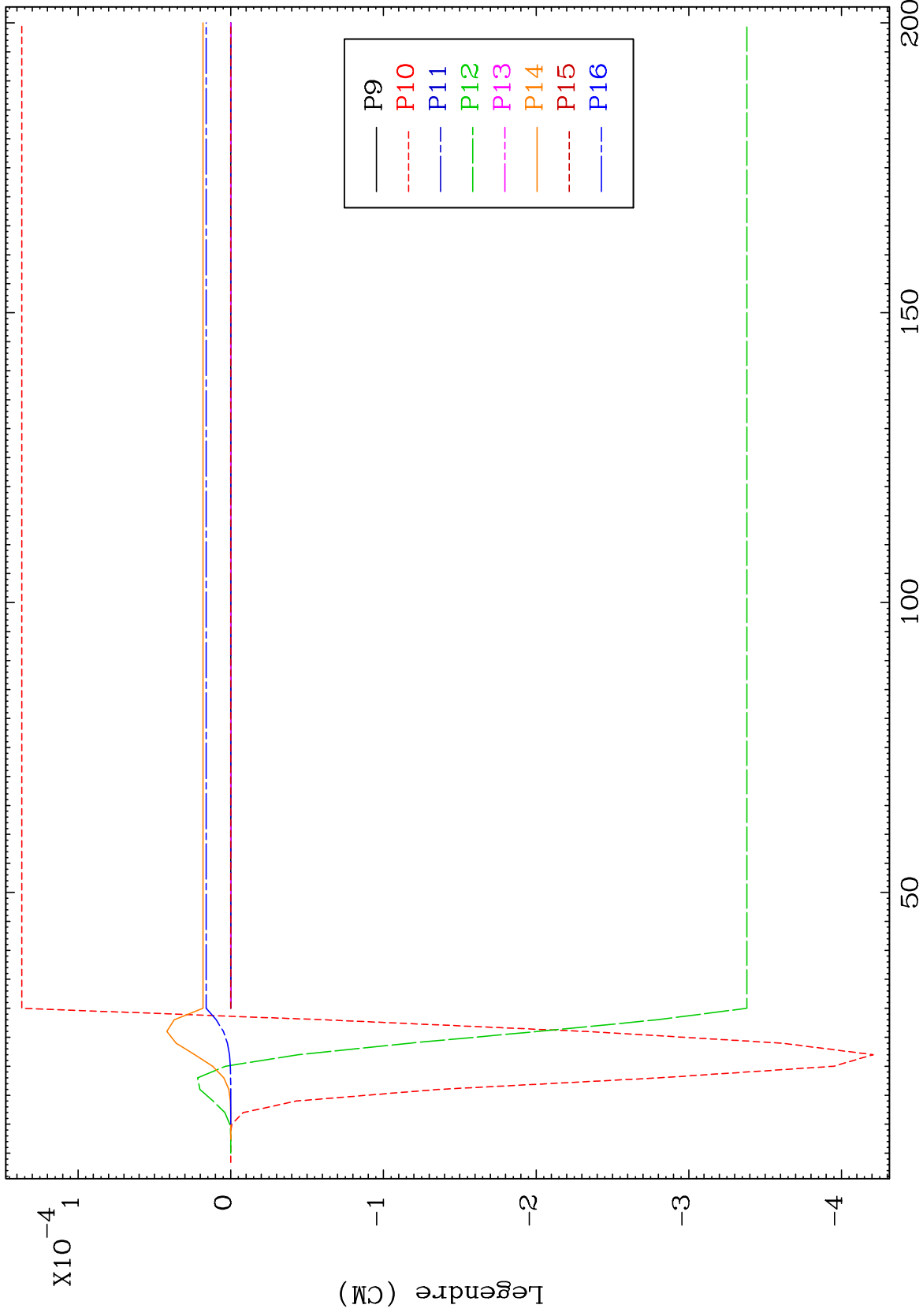
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



38

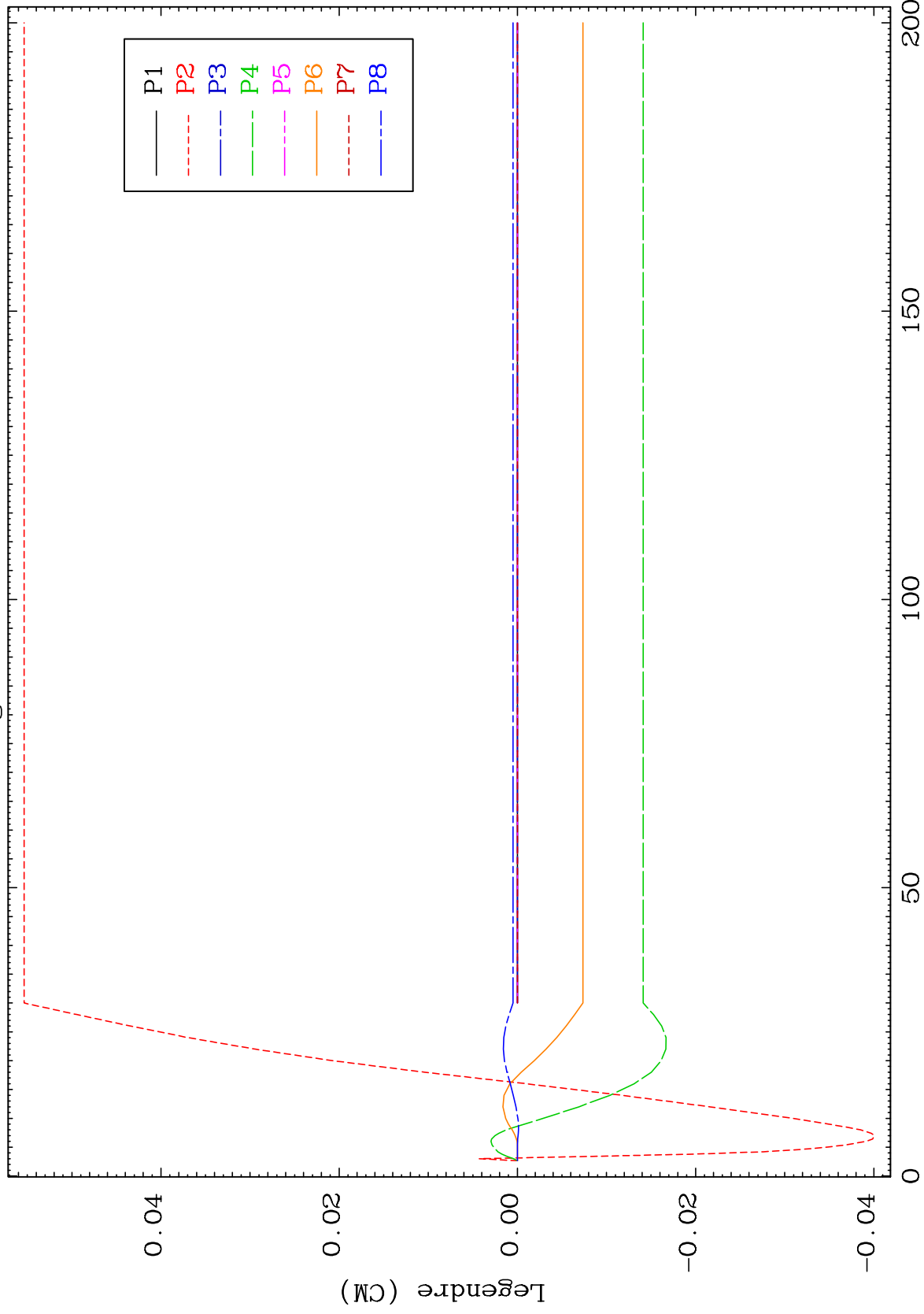
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



39-Y -89

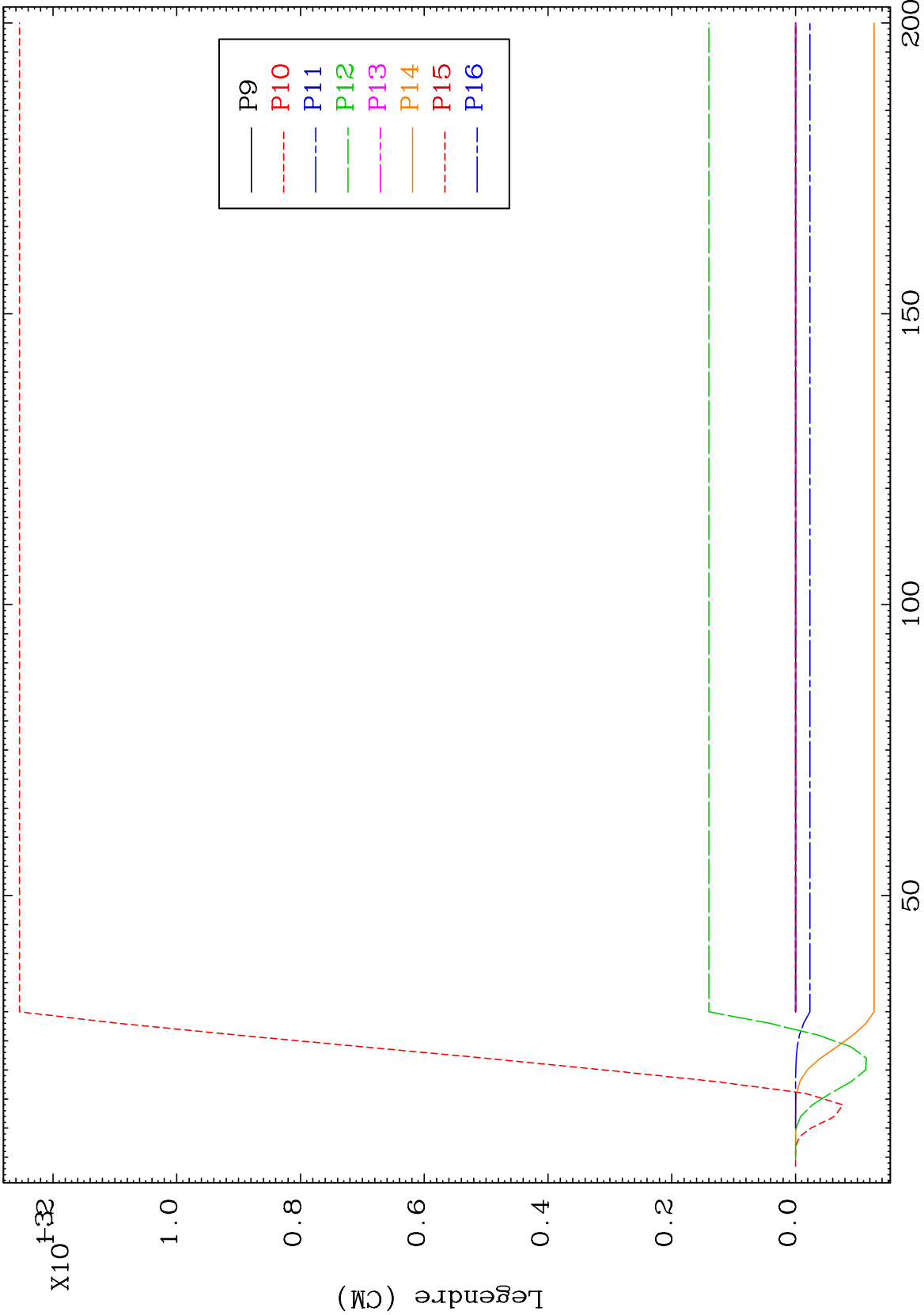
Incident Energy (MeV)

40

MAT 3925

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

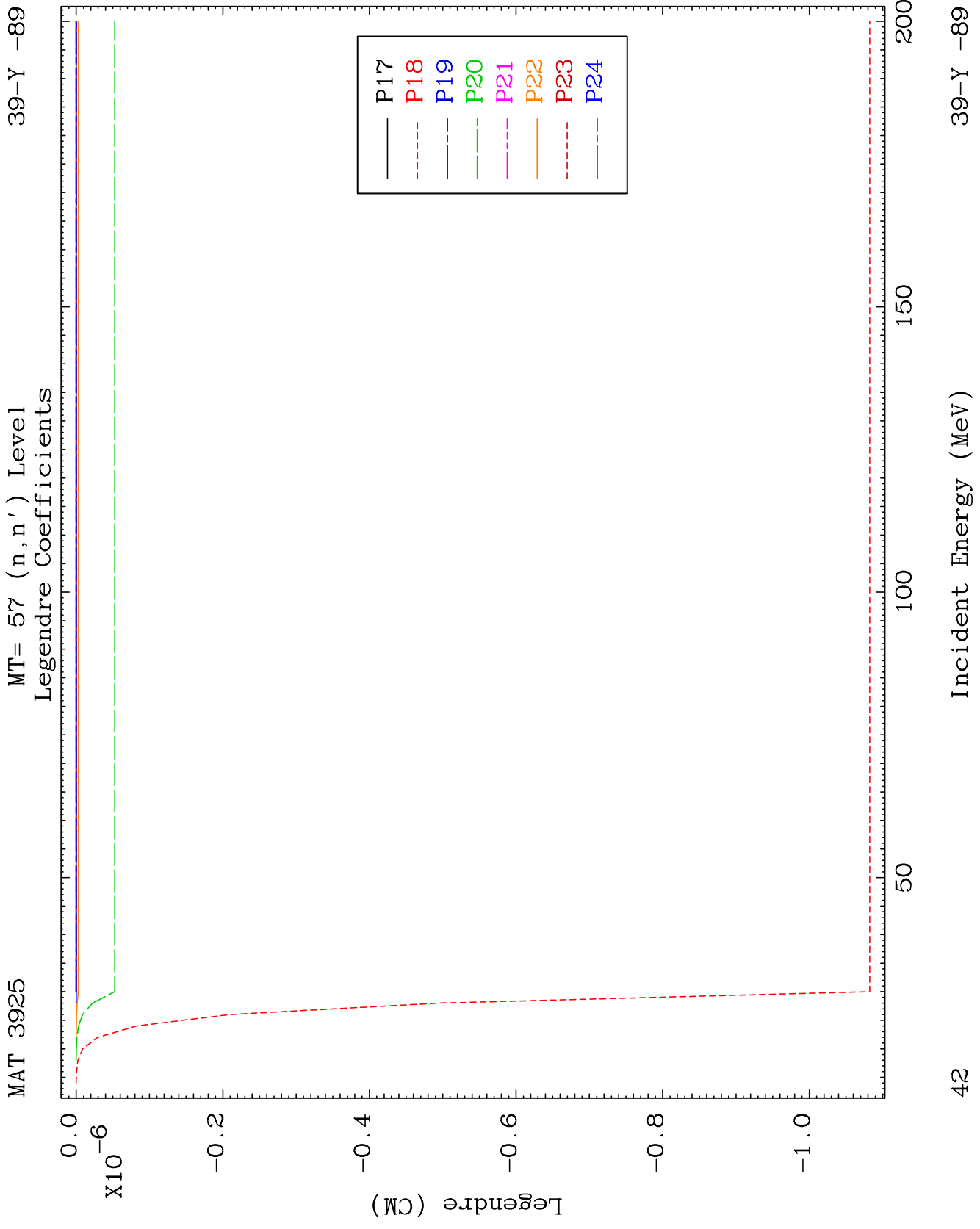
39-Y -89



41

Incident Energy (MeV)

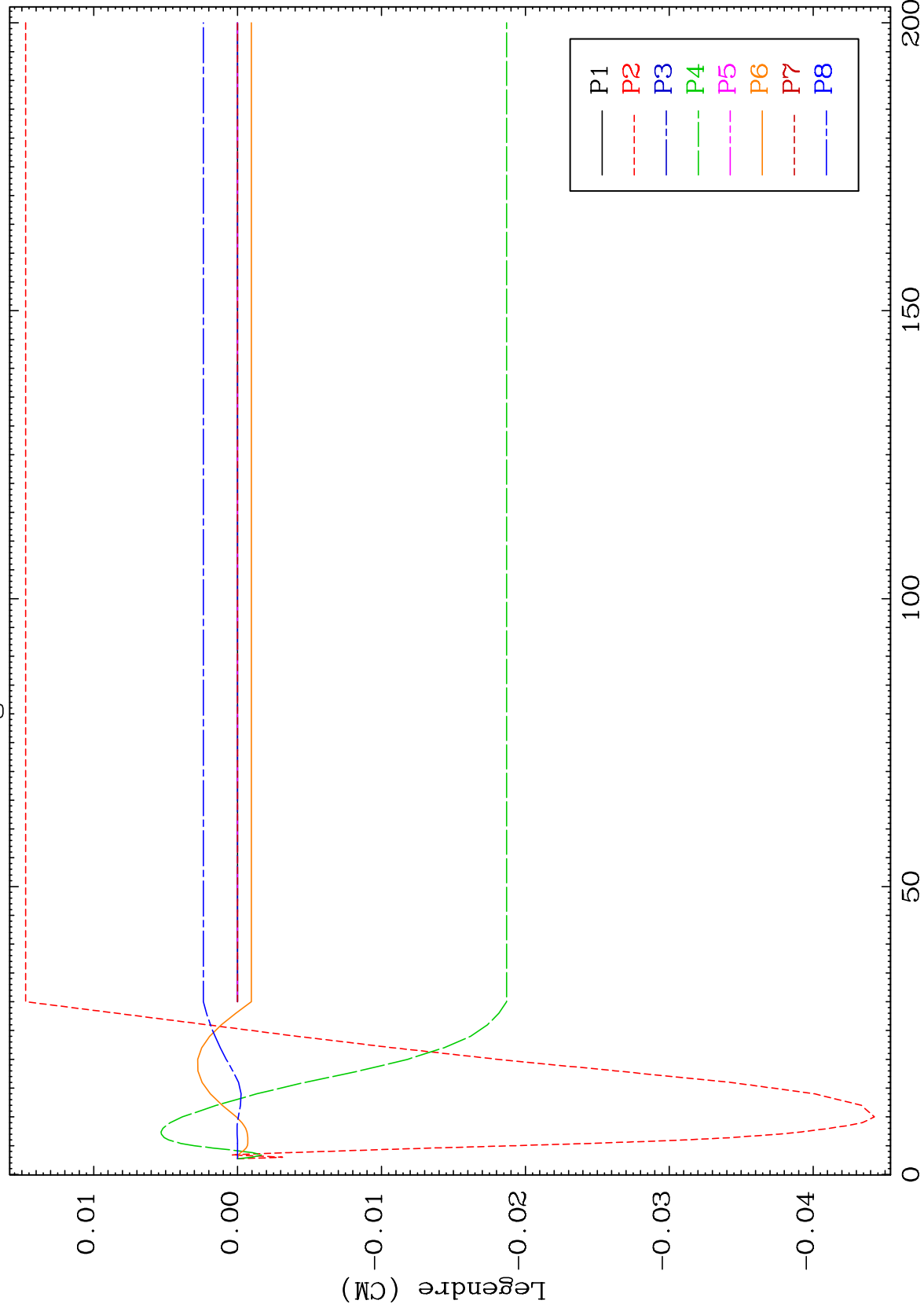
39-Y -89



MAT 3925

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

39-Y -89



43

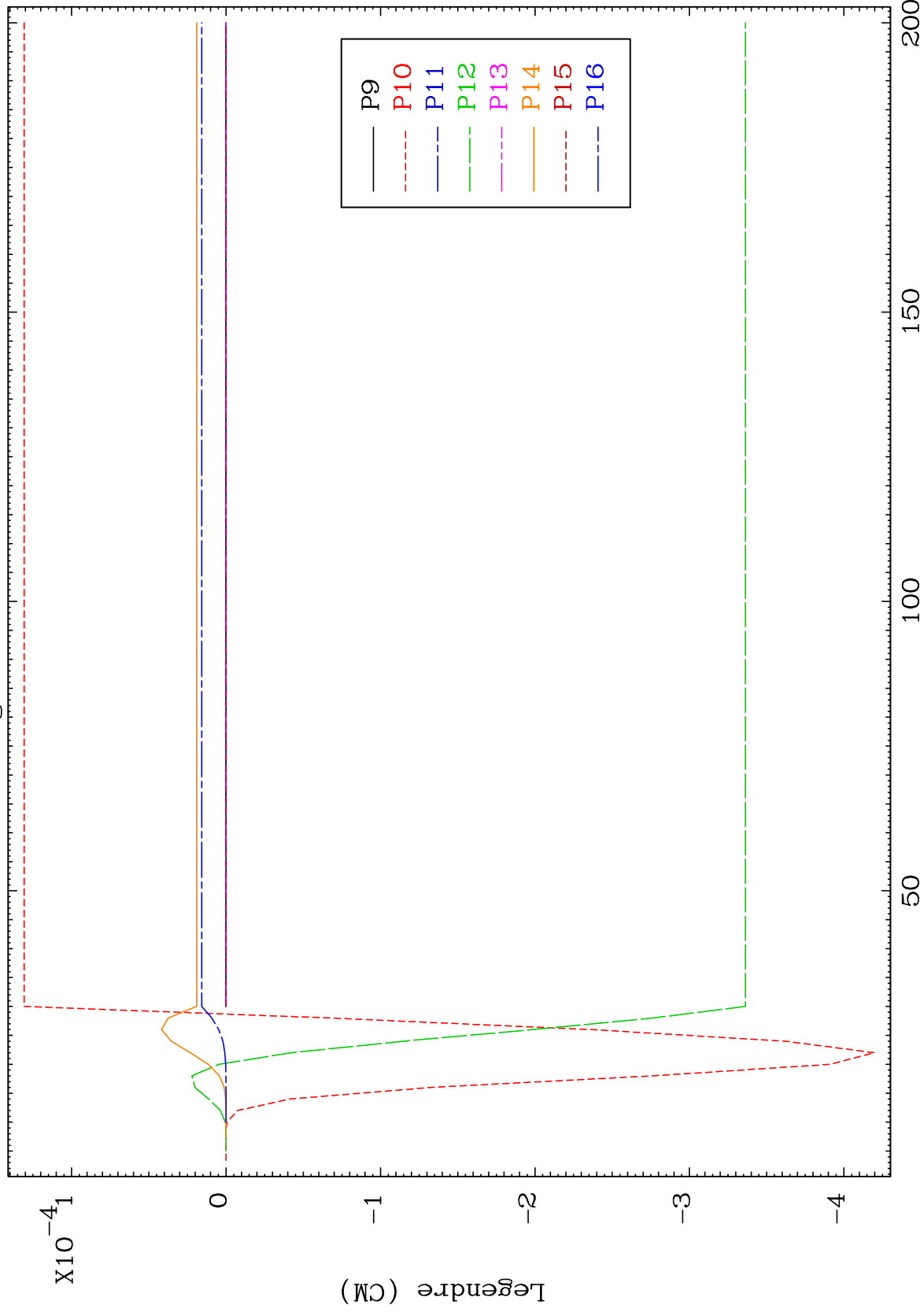
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



44

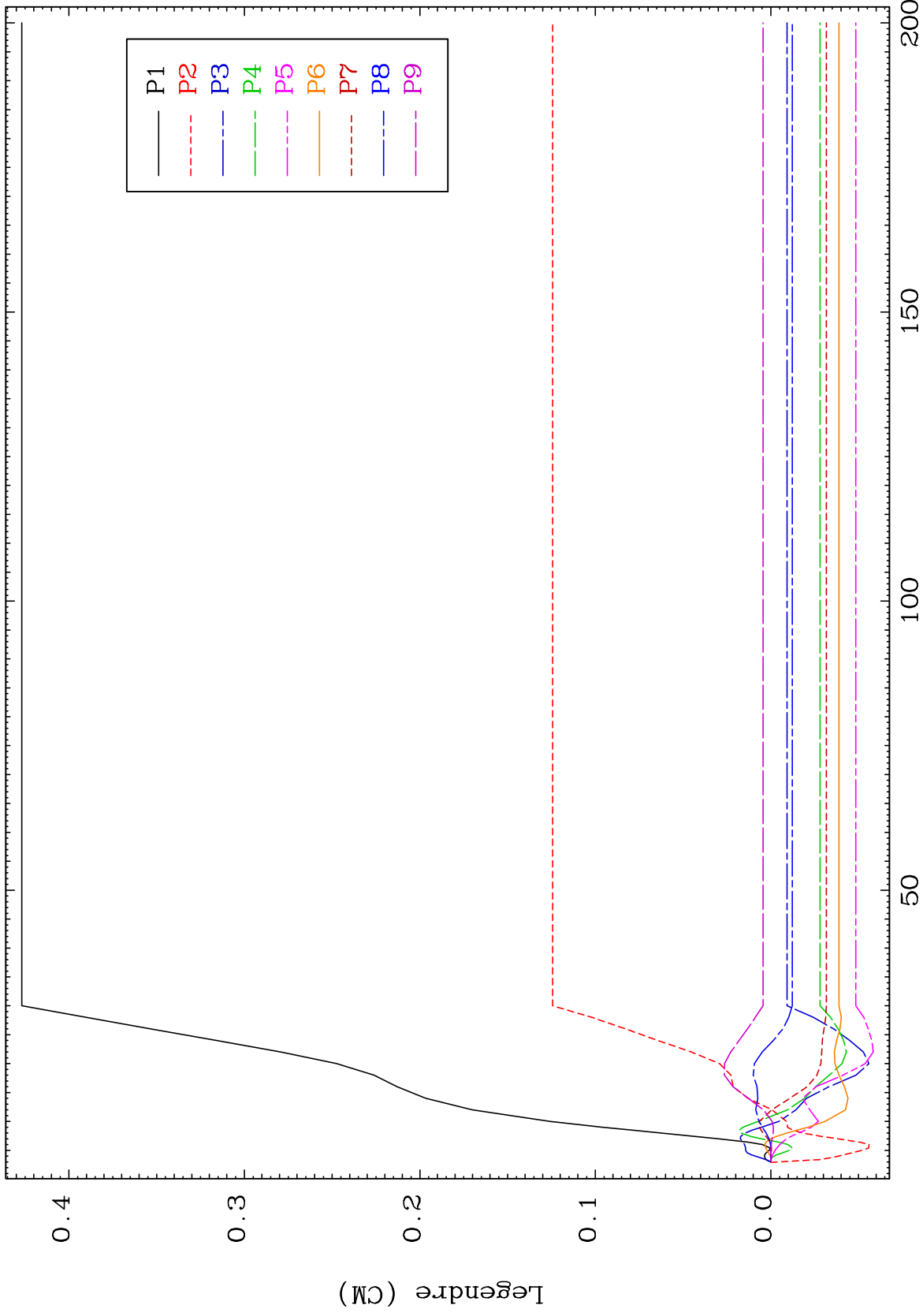
Incident Energy (MeV)

39-Y -89

MAT 3925

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

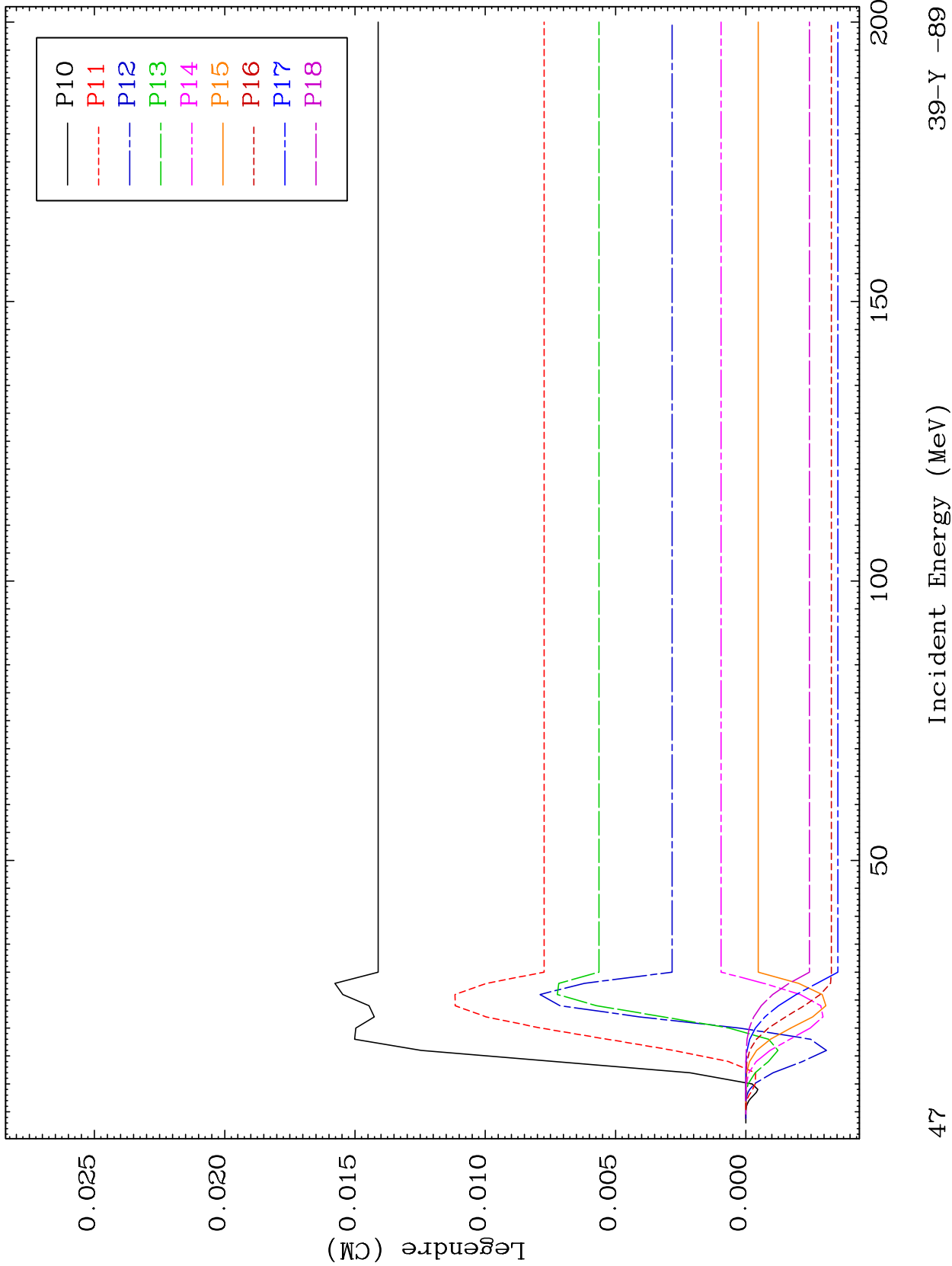
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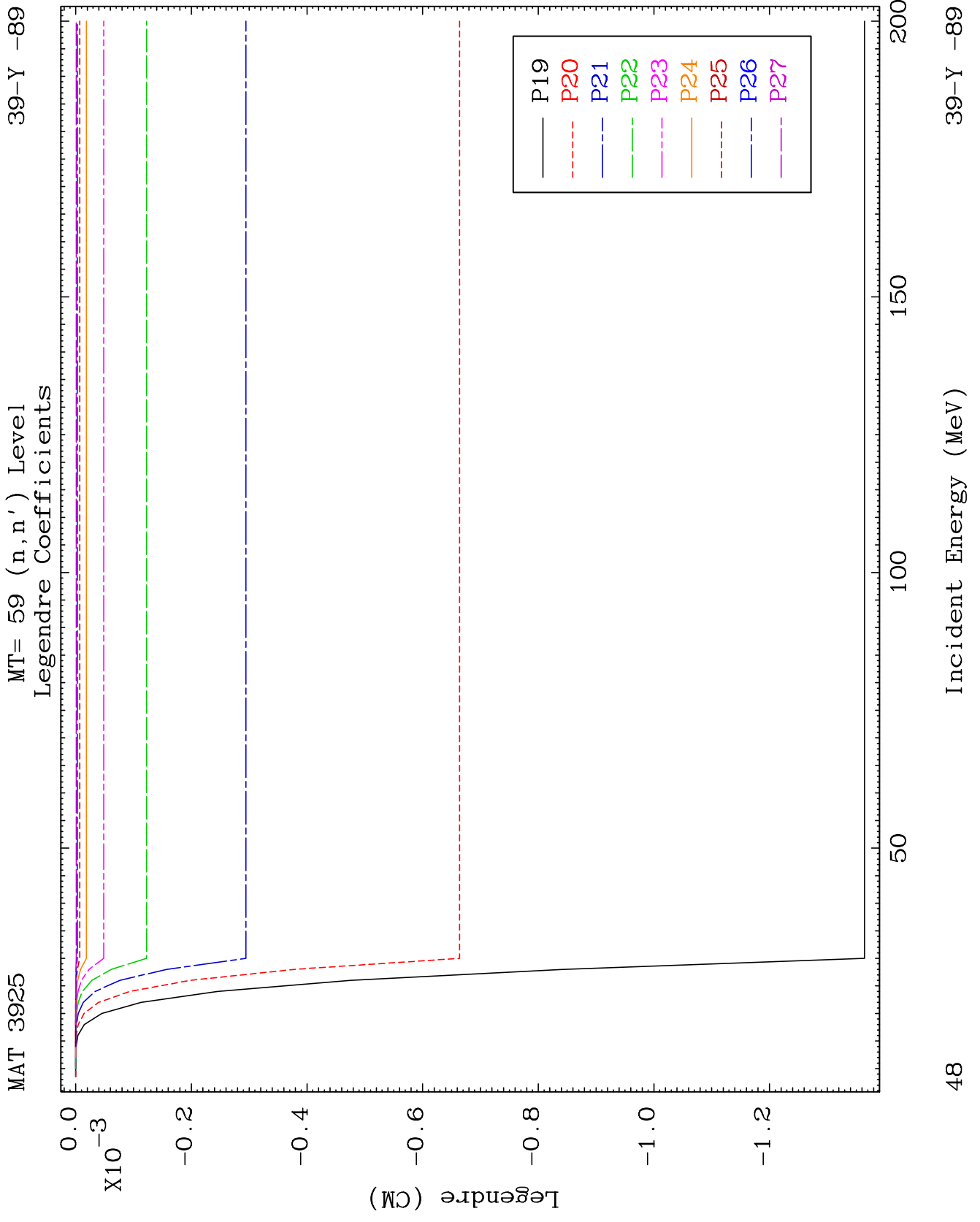


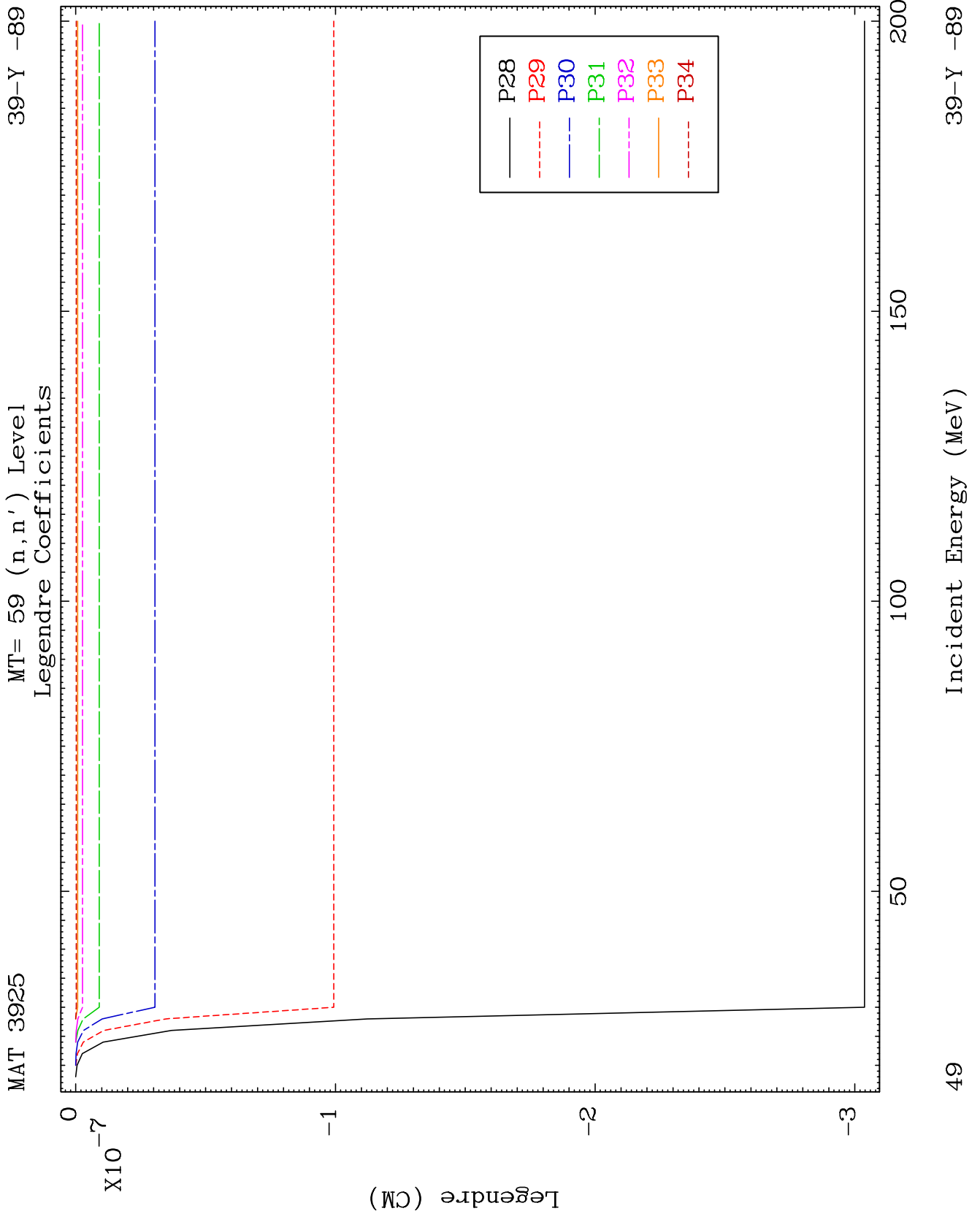
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Incident Energy (MeV)

39-Y -89



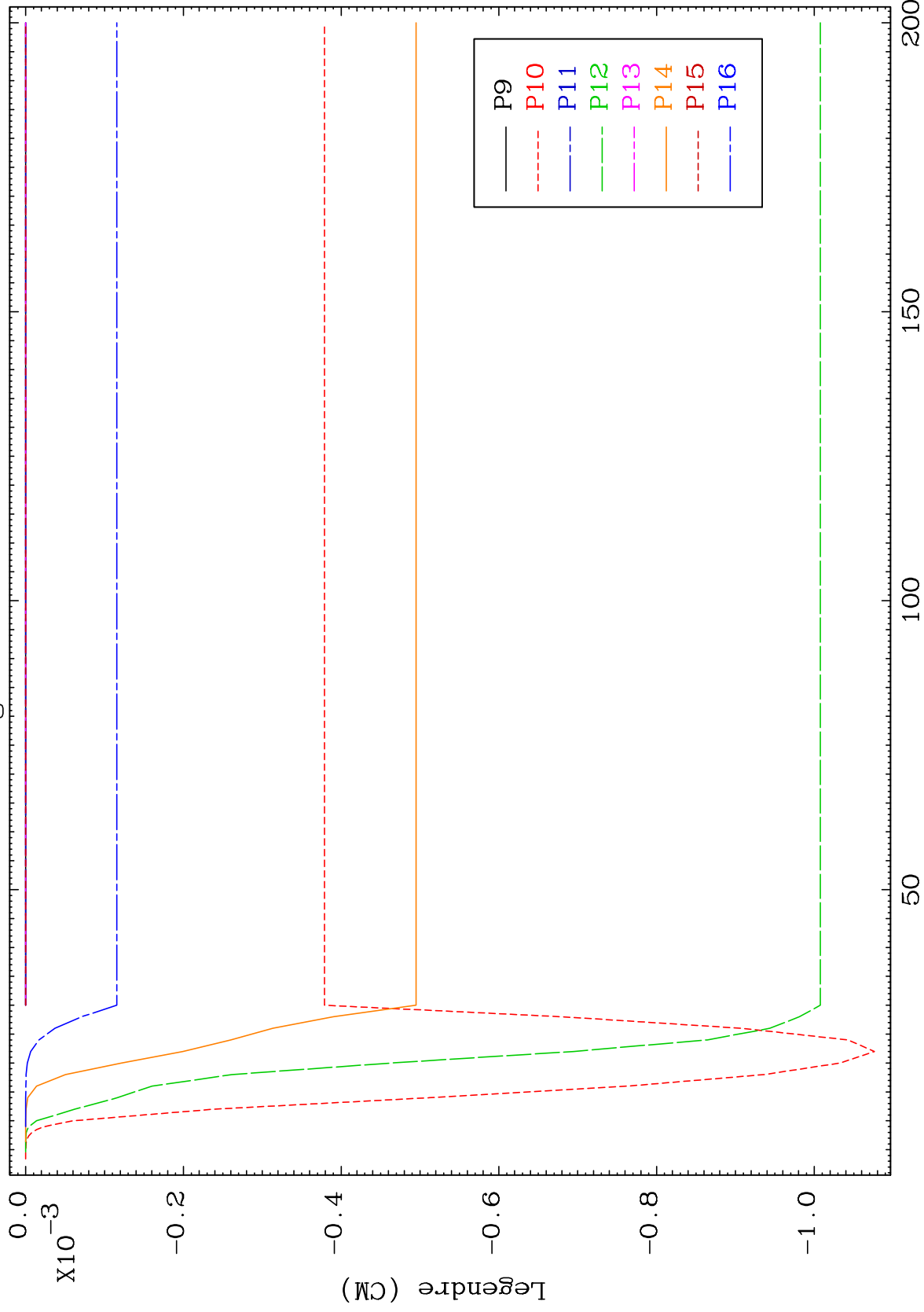




MAT 3925

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

39-Y -89



51

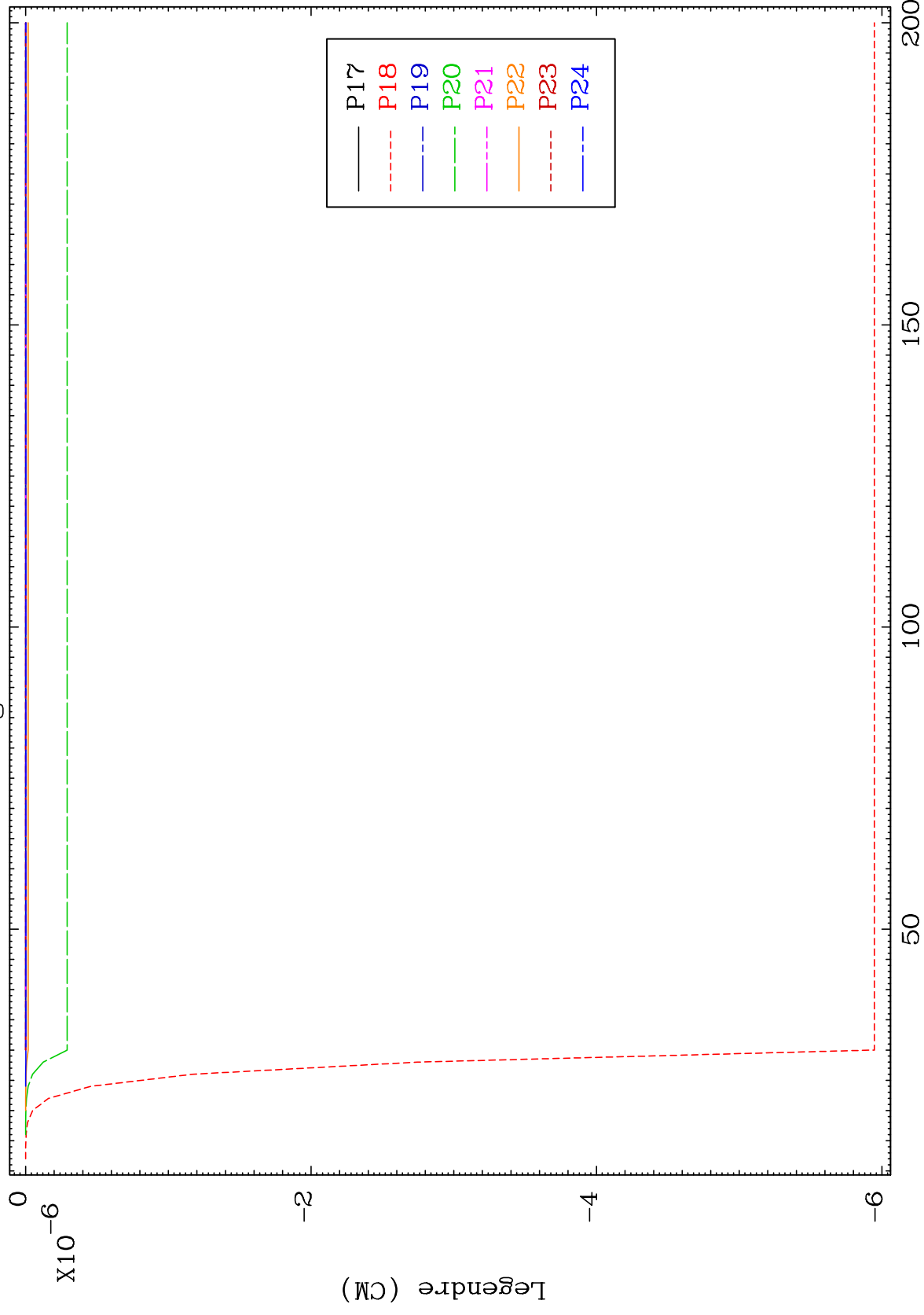
Incident Energy (MeV)

39-Y -89

MAT 3925 MT= 60 (n,n') Level

Legendre Coefficients

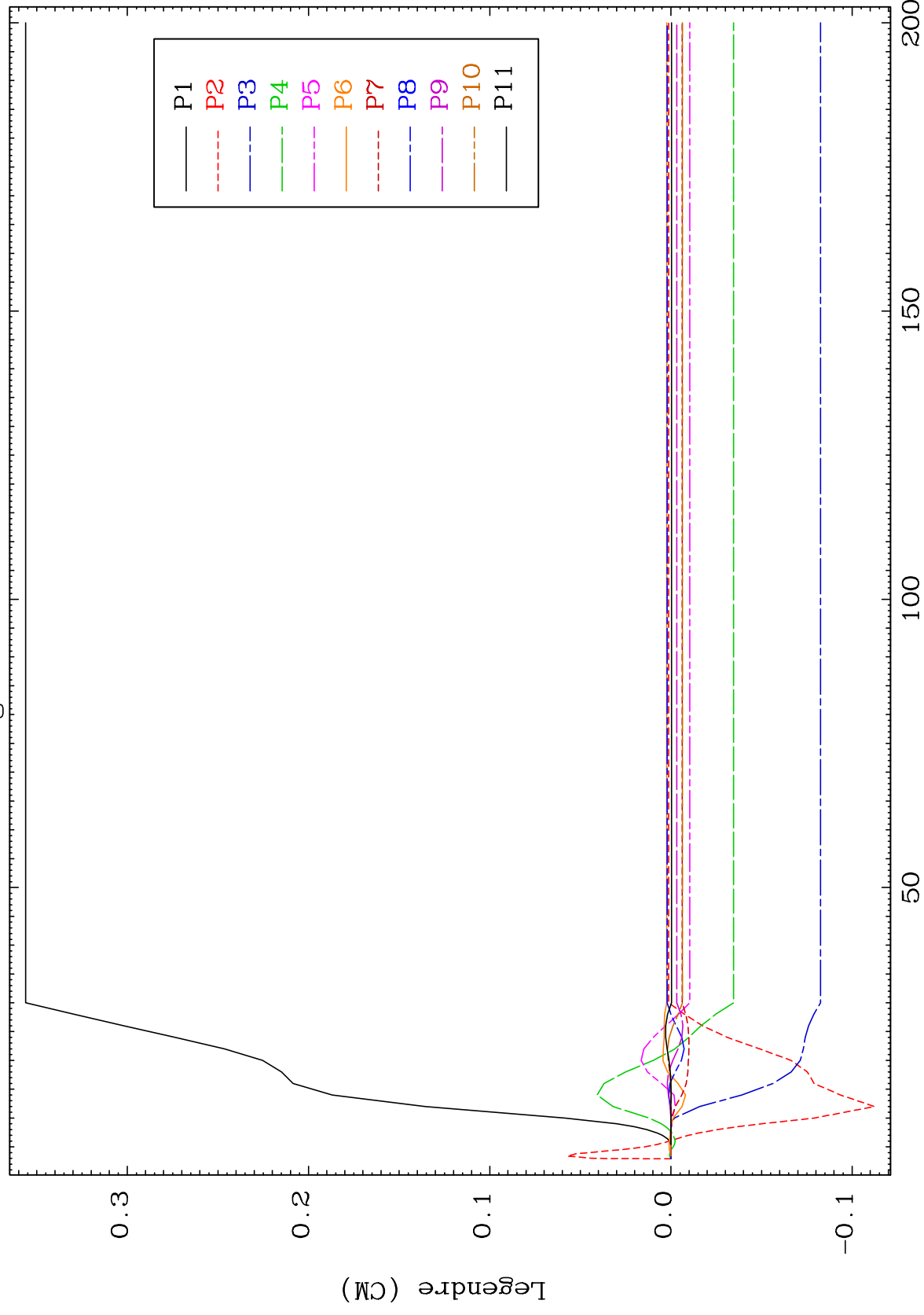
39-Y -89



39-Y -89

Incident Energy (MeV)

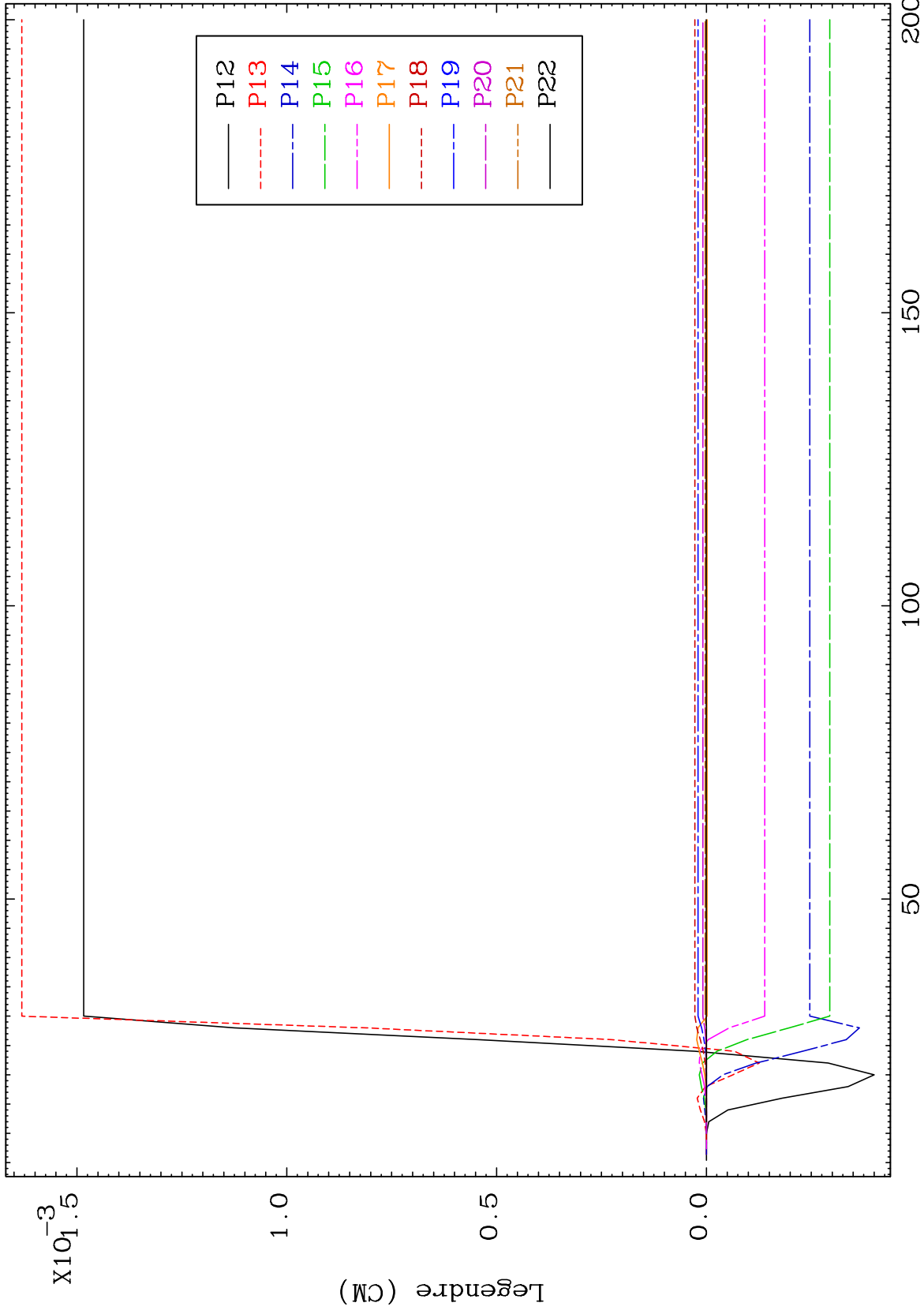
52



MAT 3925

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

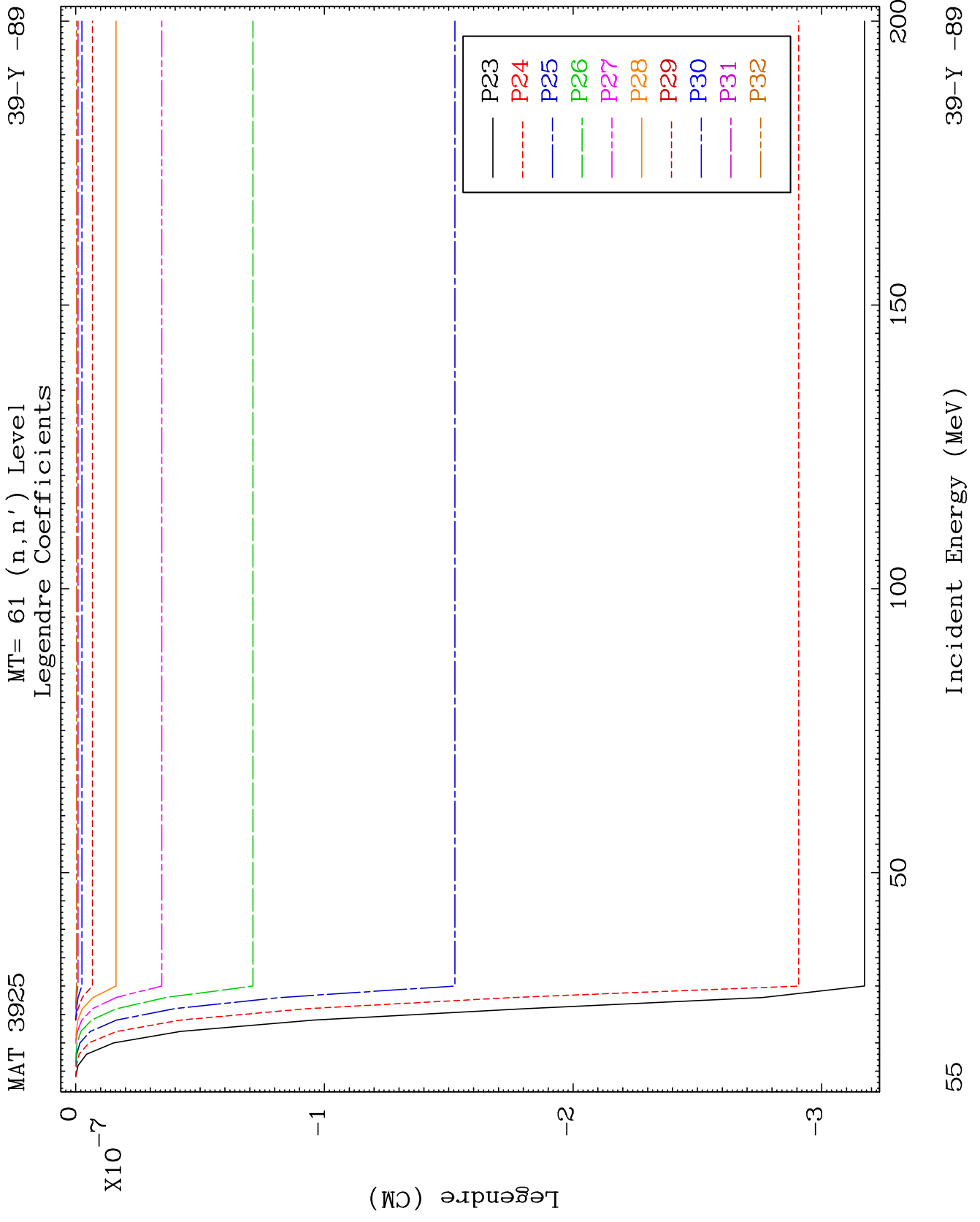
39-Y -89

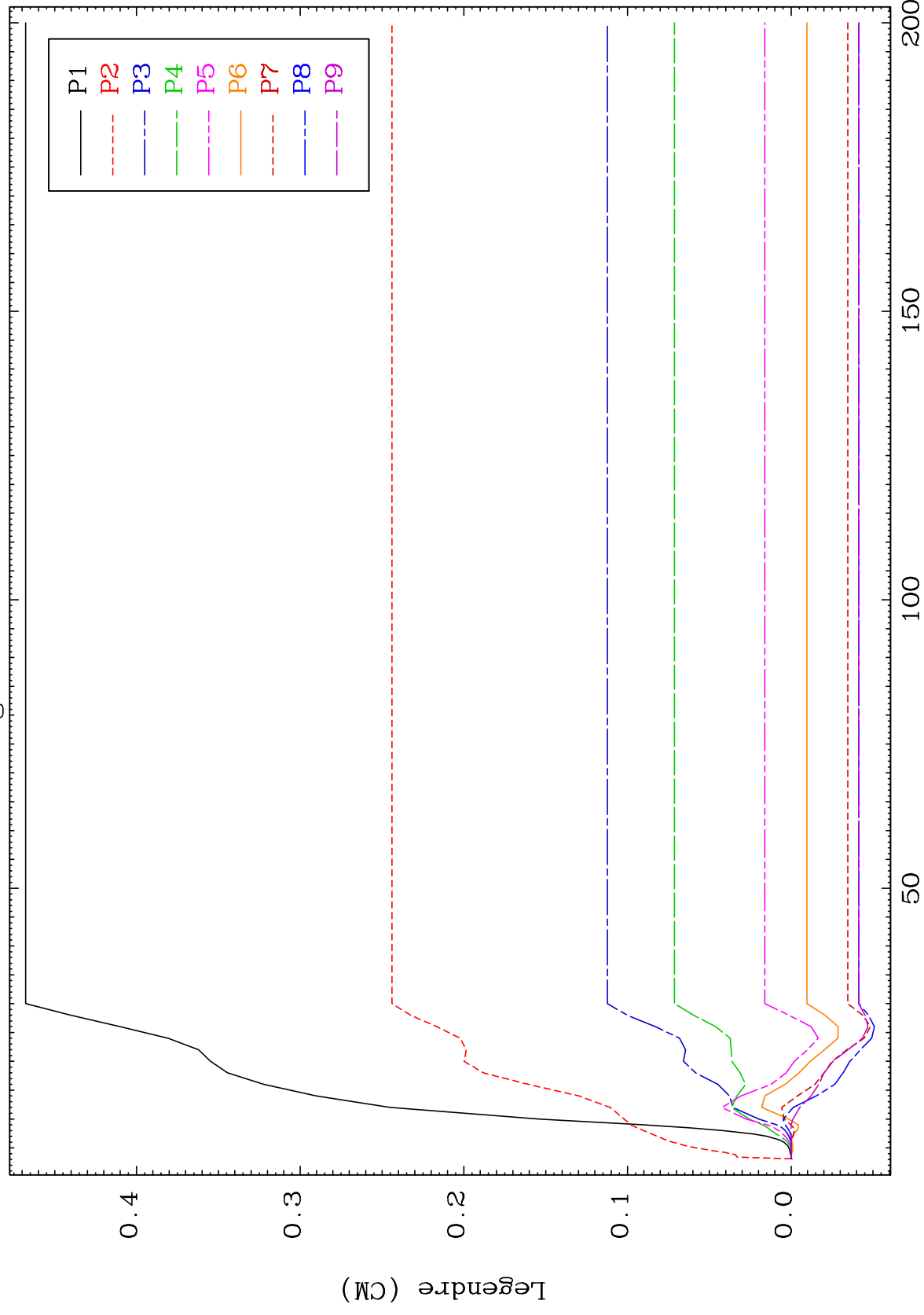


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Incident Energy (MeV)

39-Y -89

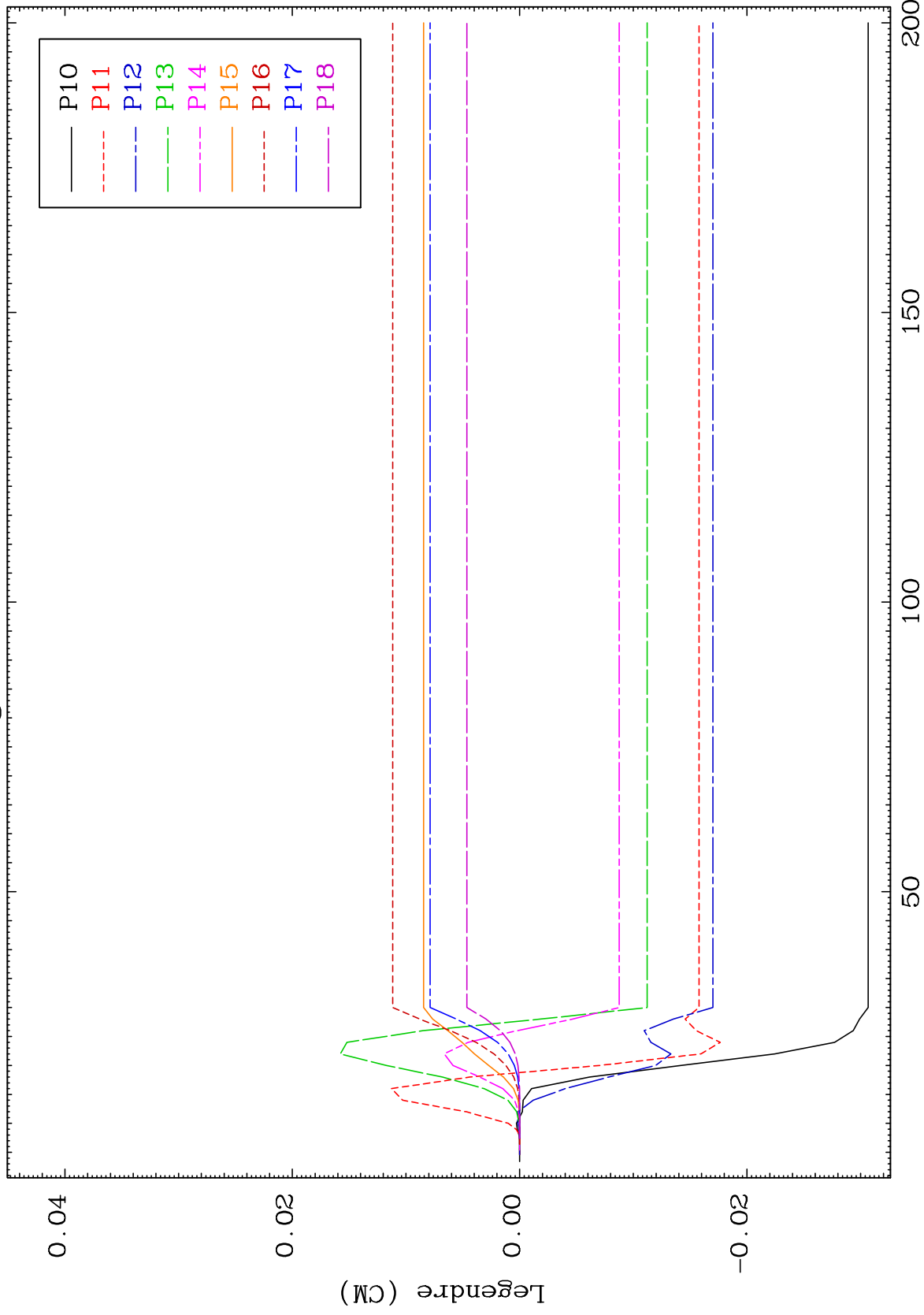




MAT 3925

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

39-Y -89



57

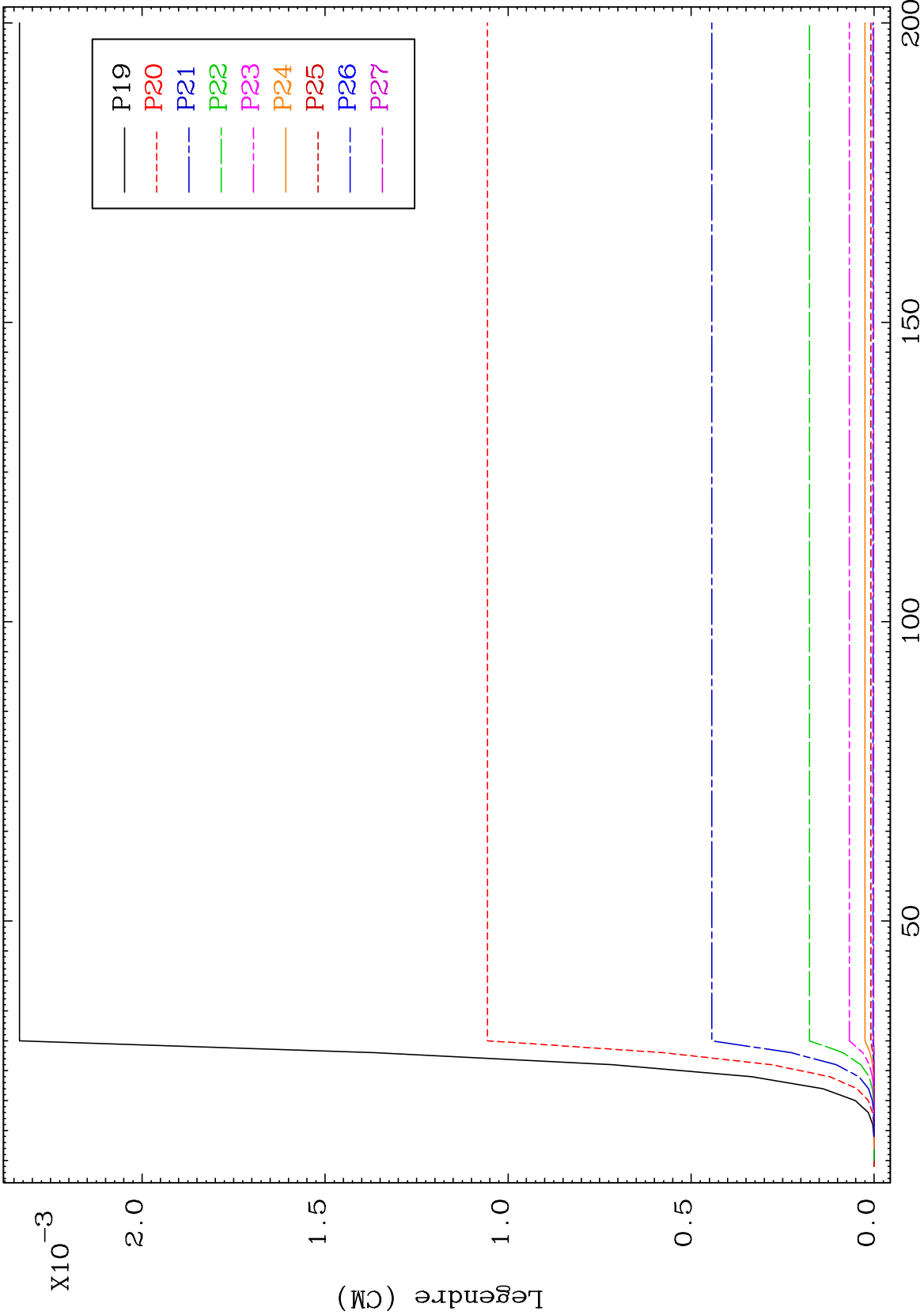
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



58

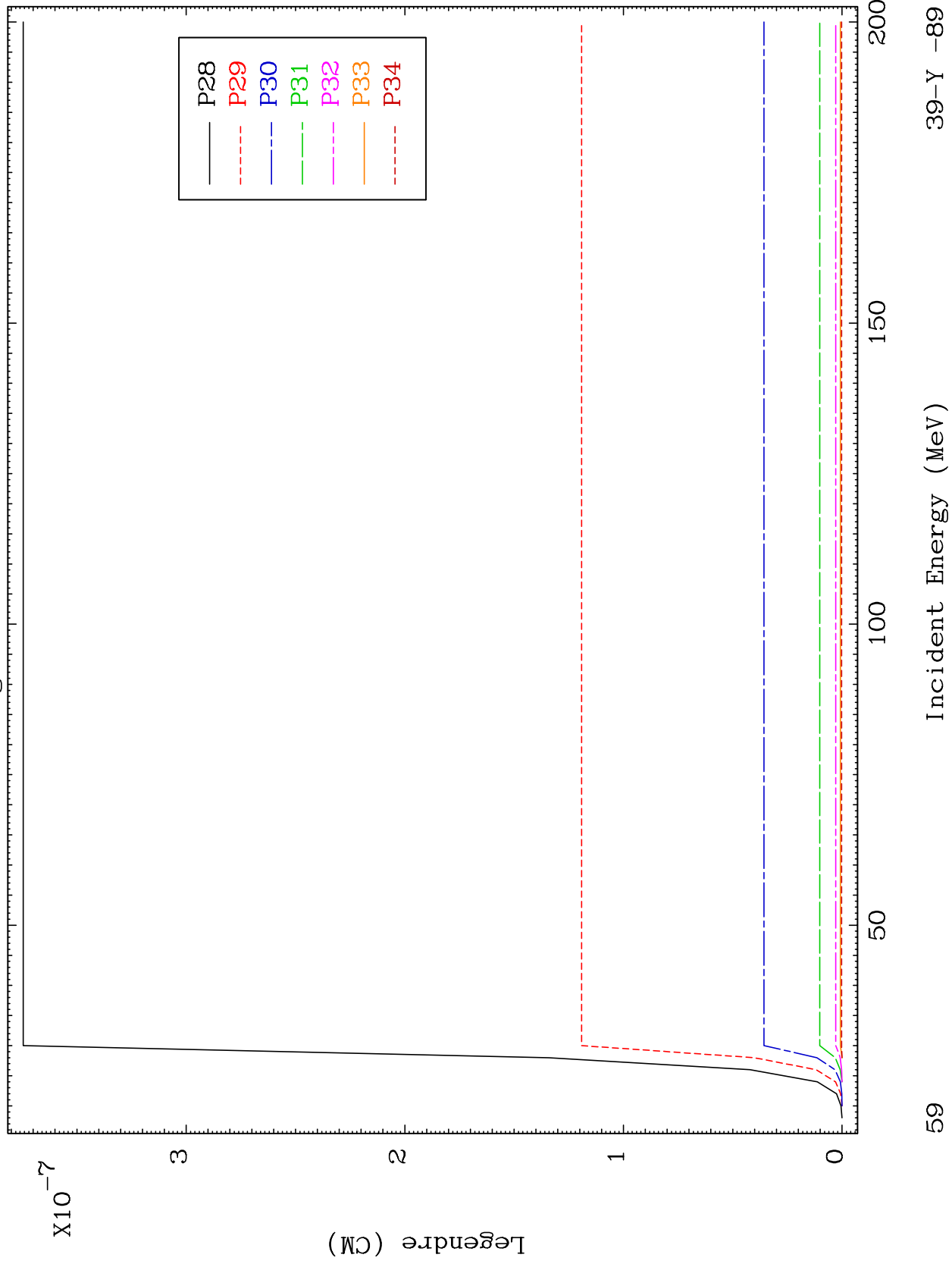
Incident Energy (MeV)

39-Y -89

MAT 3925

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

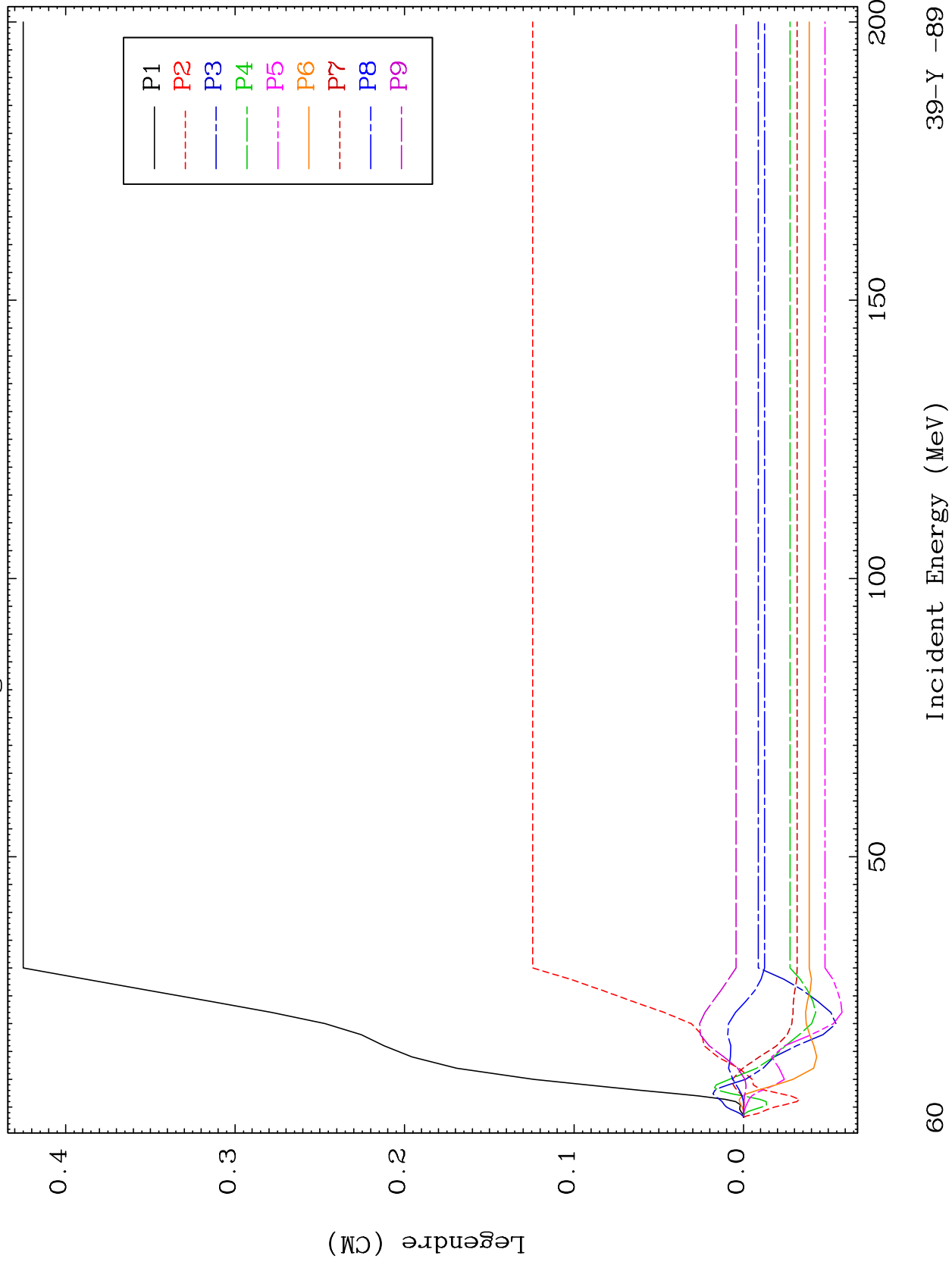
39-Y -89



MAT 3925

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

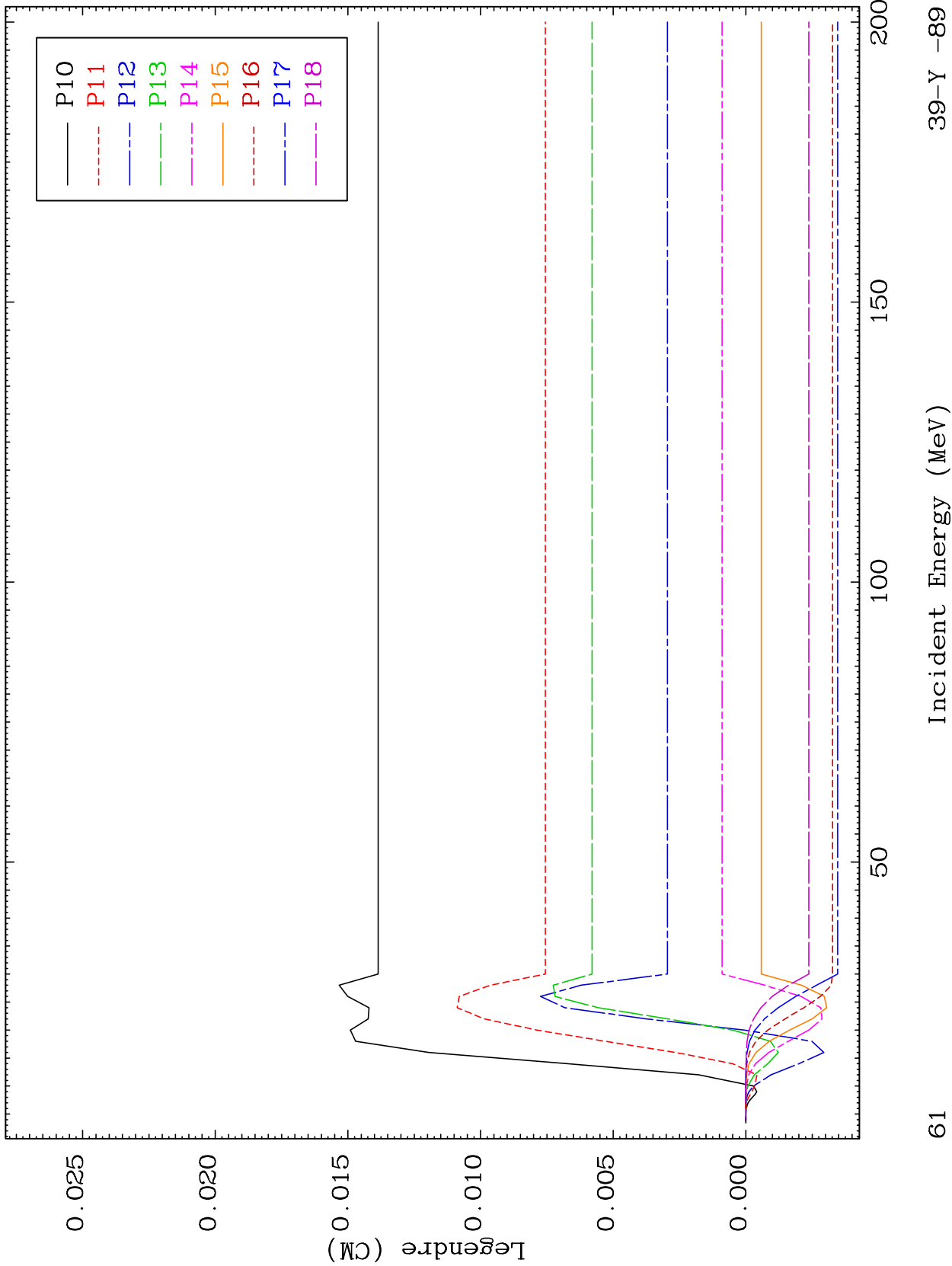
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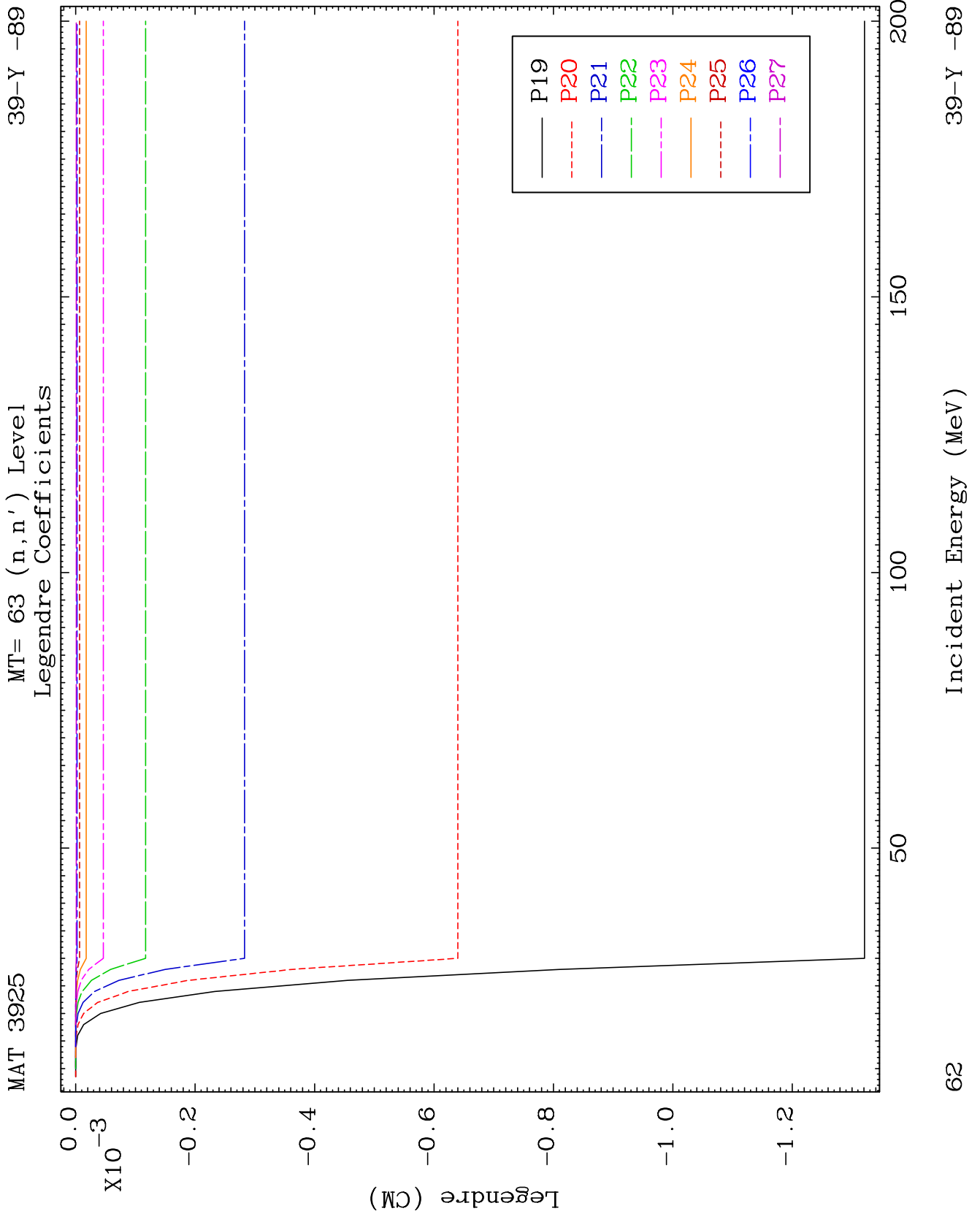


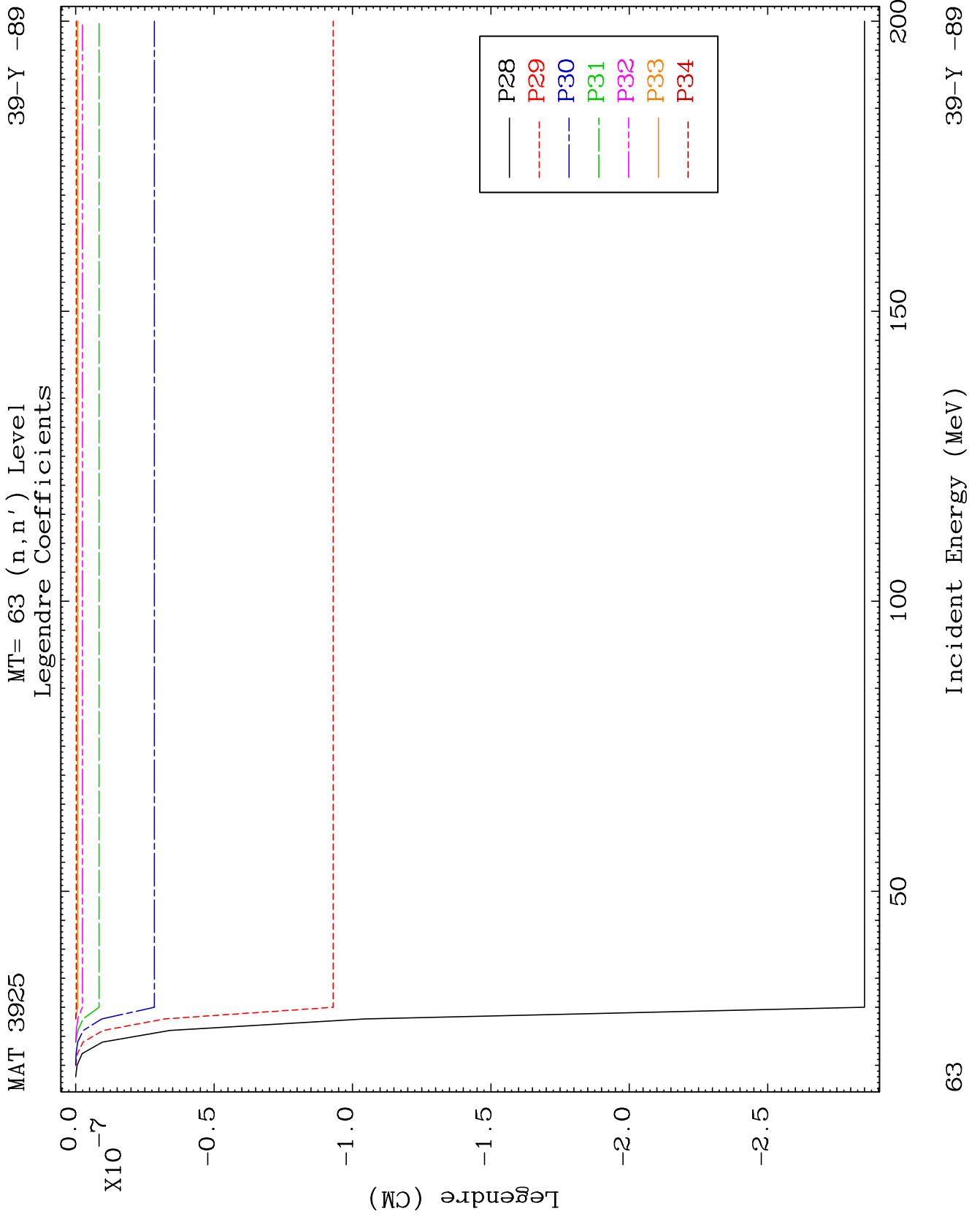
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Incident Energy (MeV)

39-Y -89



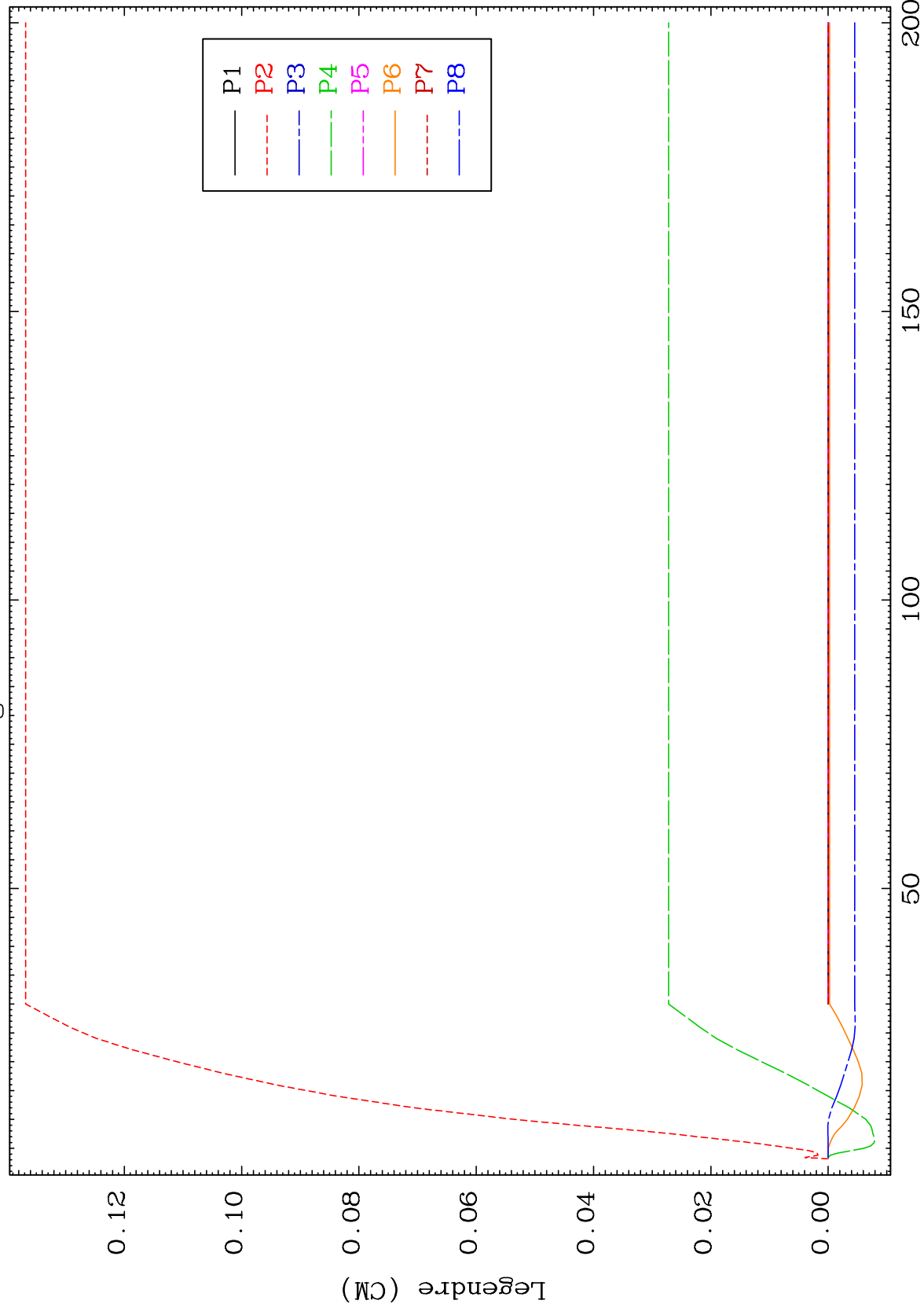




MAT 3925

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

39-Y -89



64

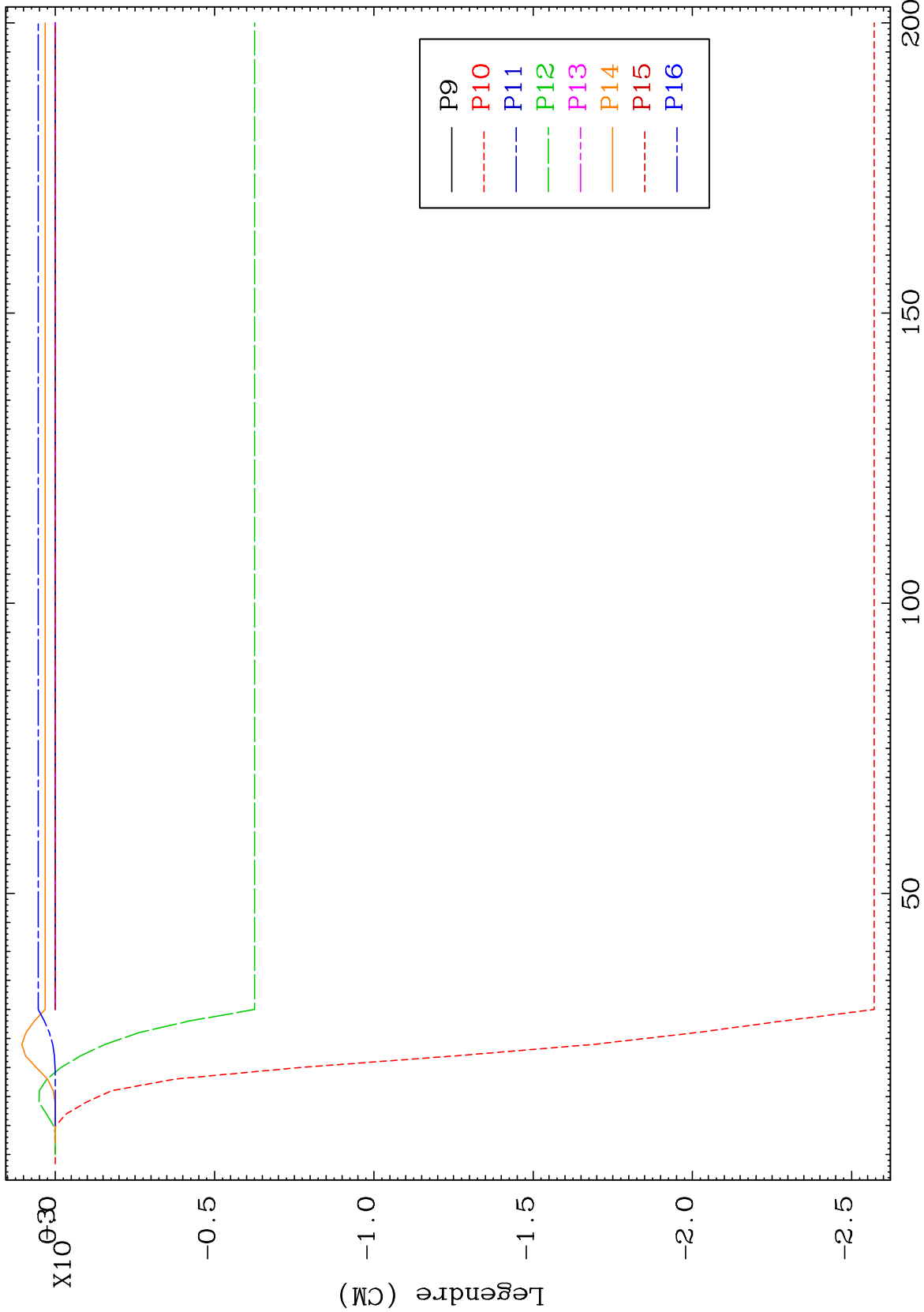
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



65

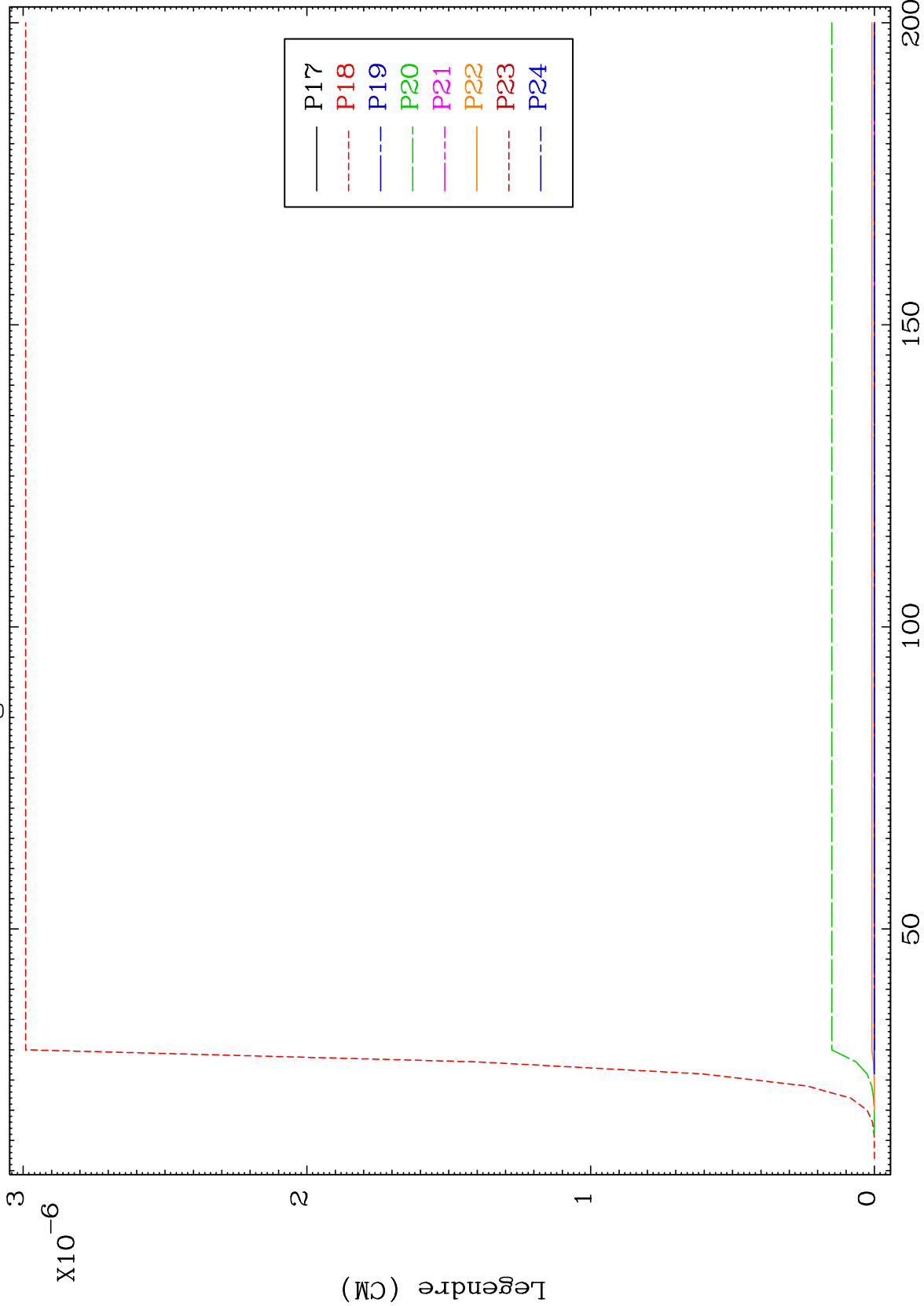
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



39-Y -89

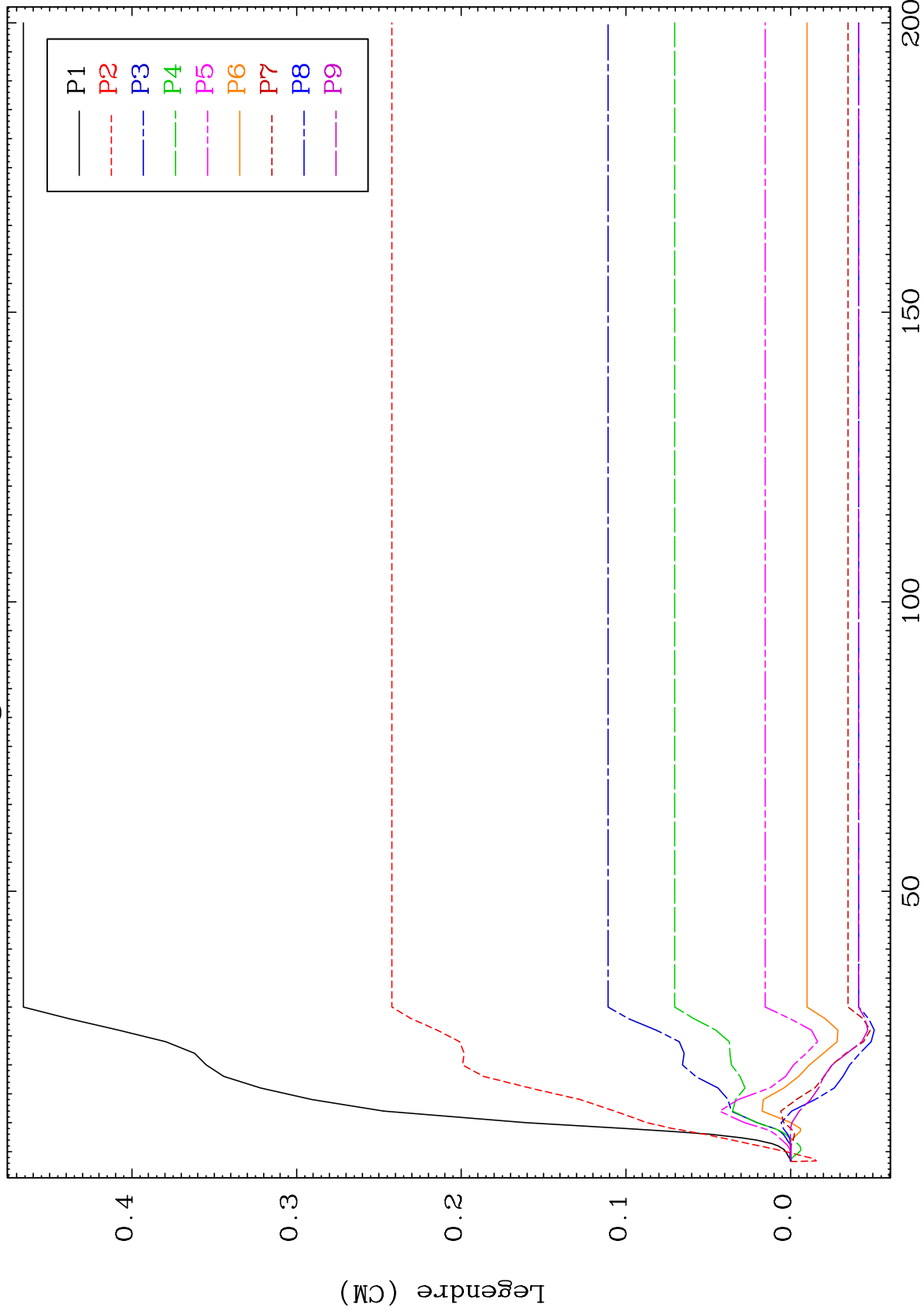
Incident Energy (MeV)

66

MAT 3925

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

39-Y -89



67

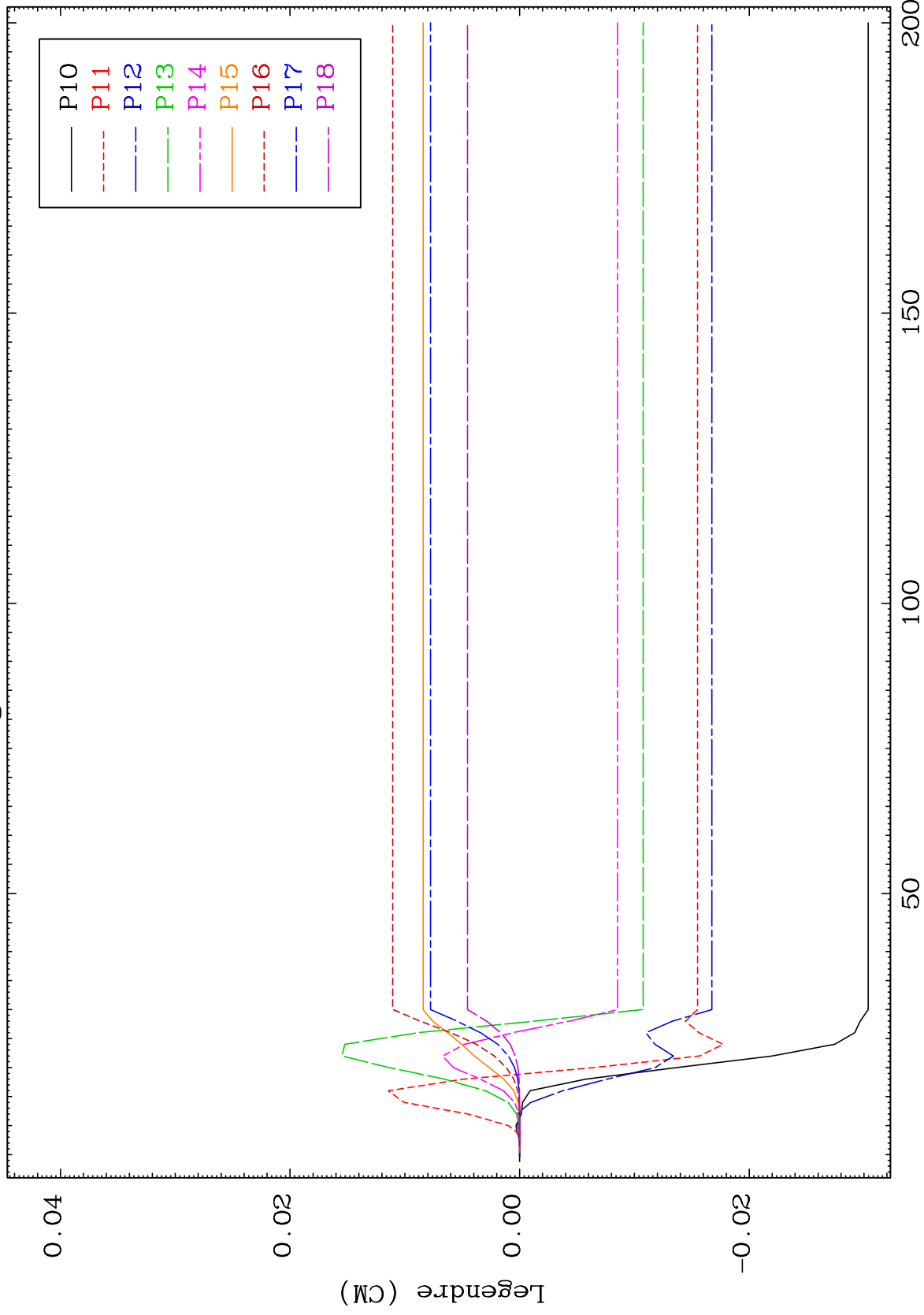
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



68

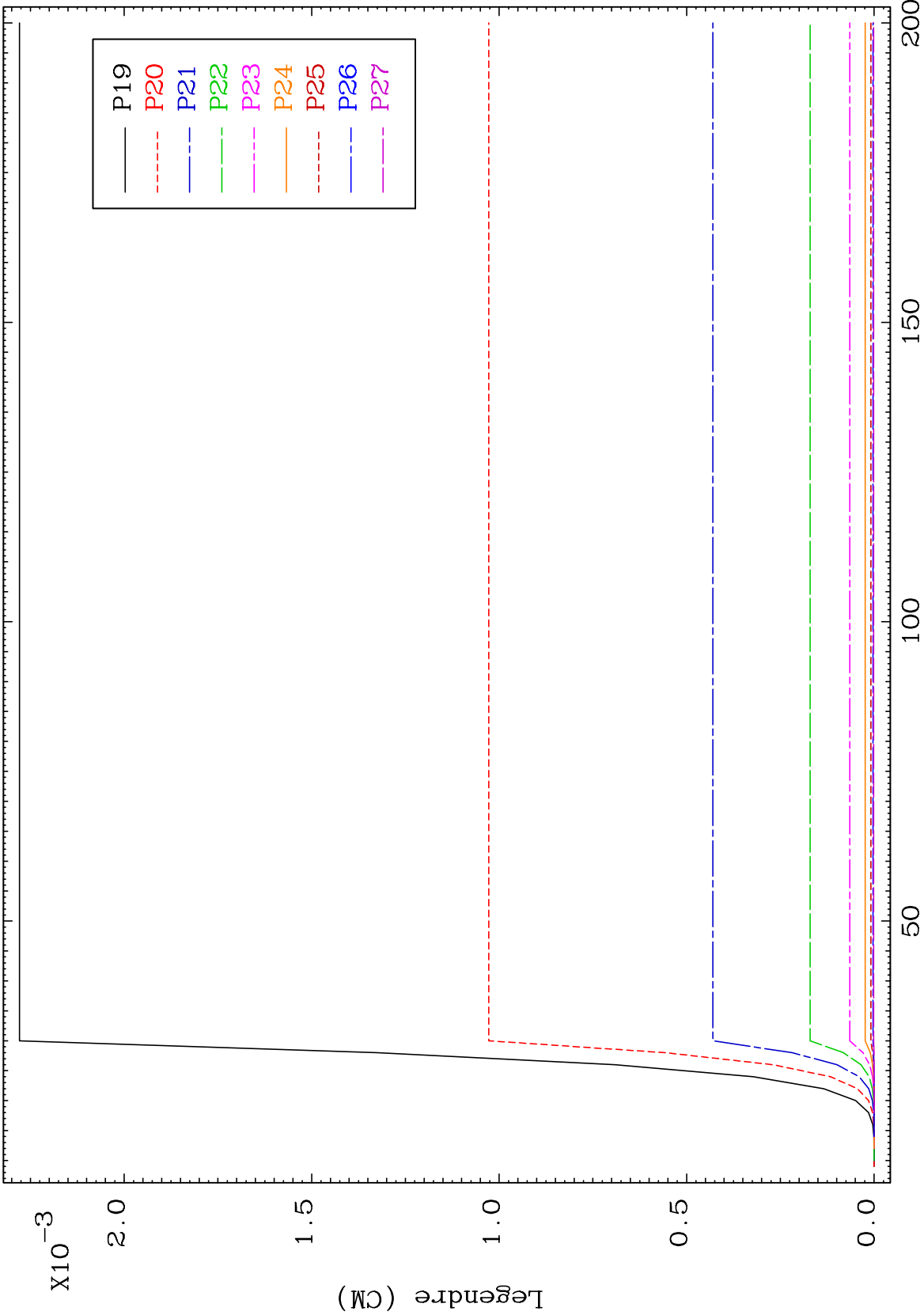
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



69

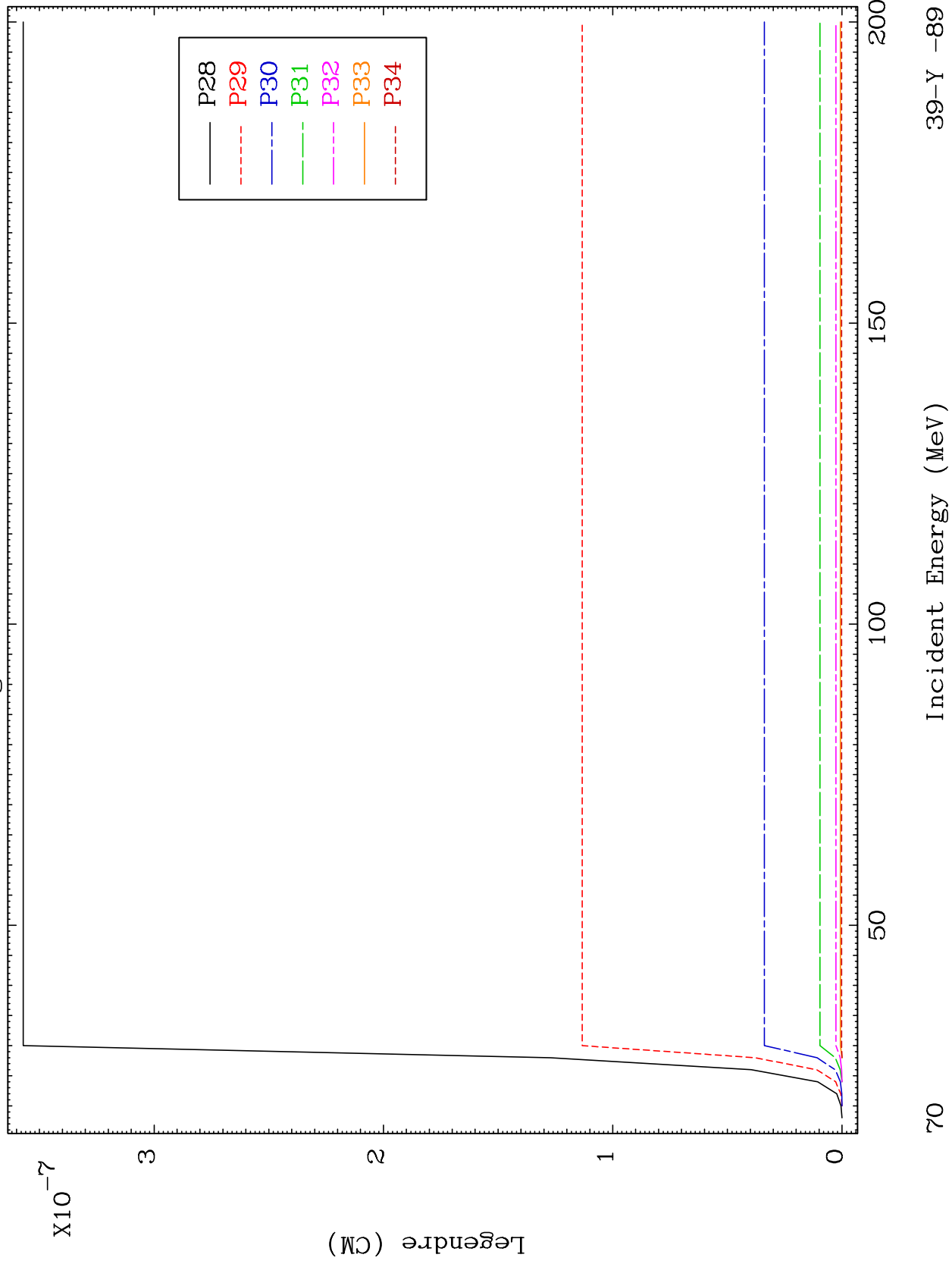
Incident Energy (MeV)

39-Y -89

MAT 3925

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

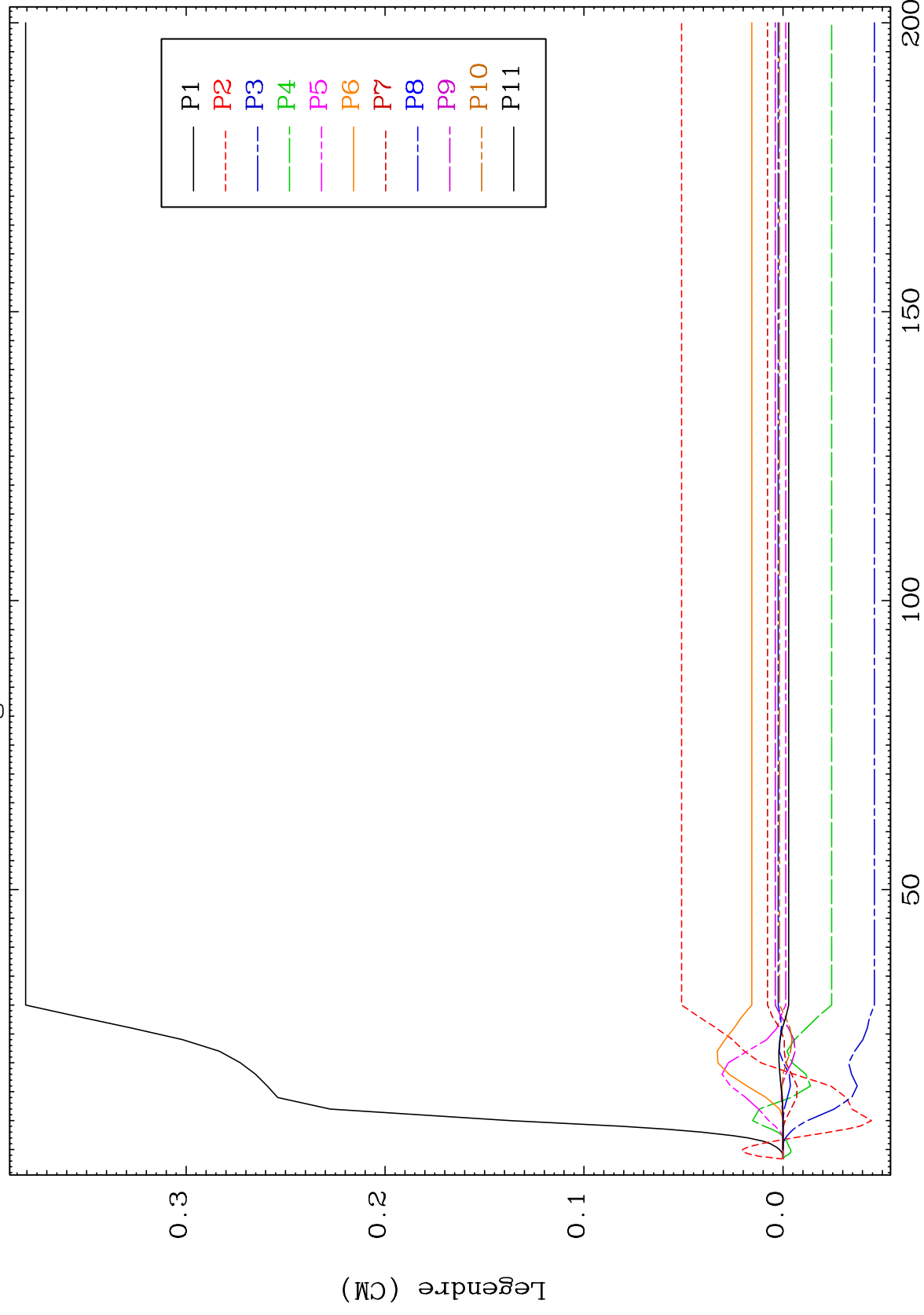
39-Y -89

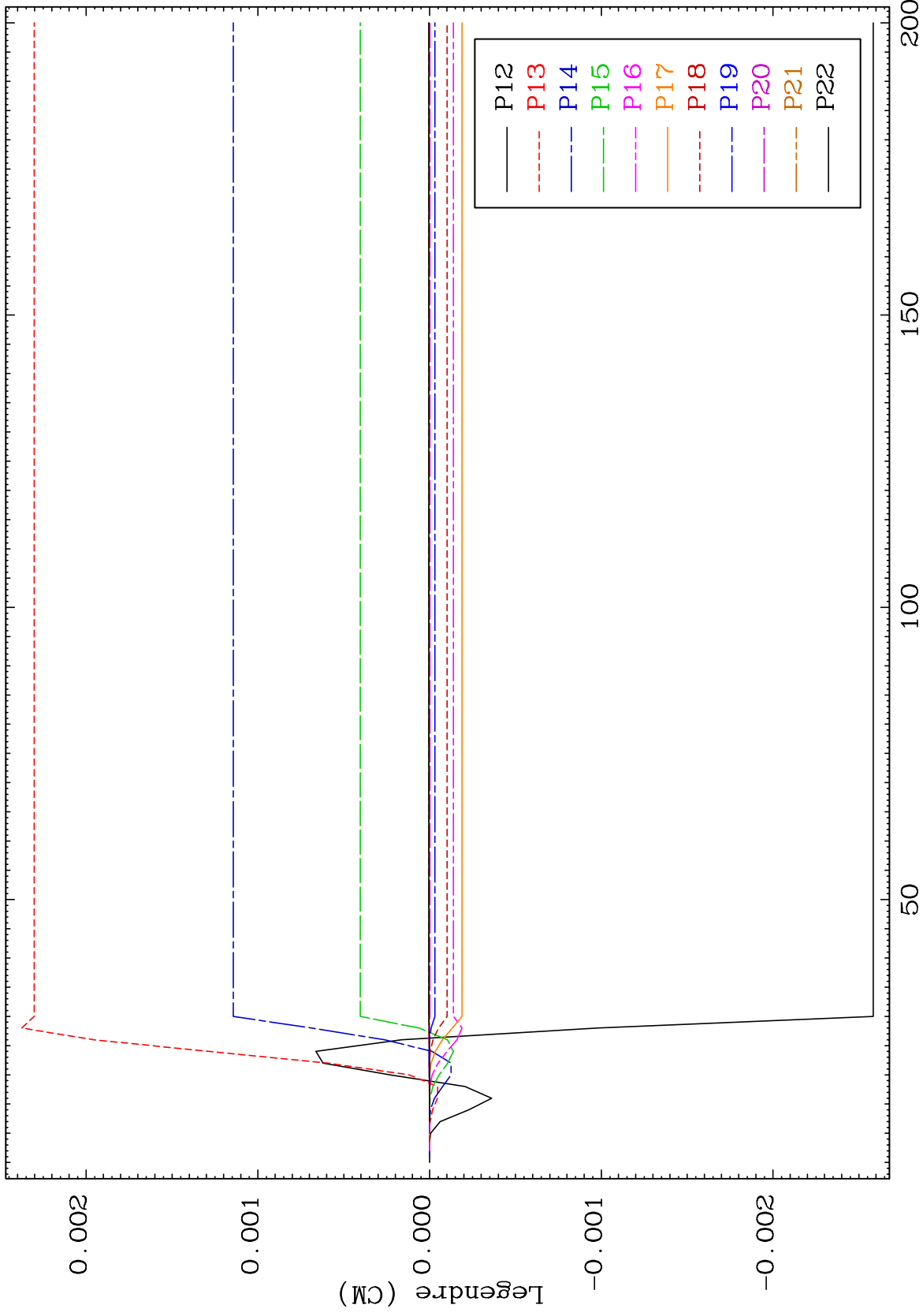


70

Incident Energy (MeV)

39-Y -89

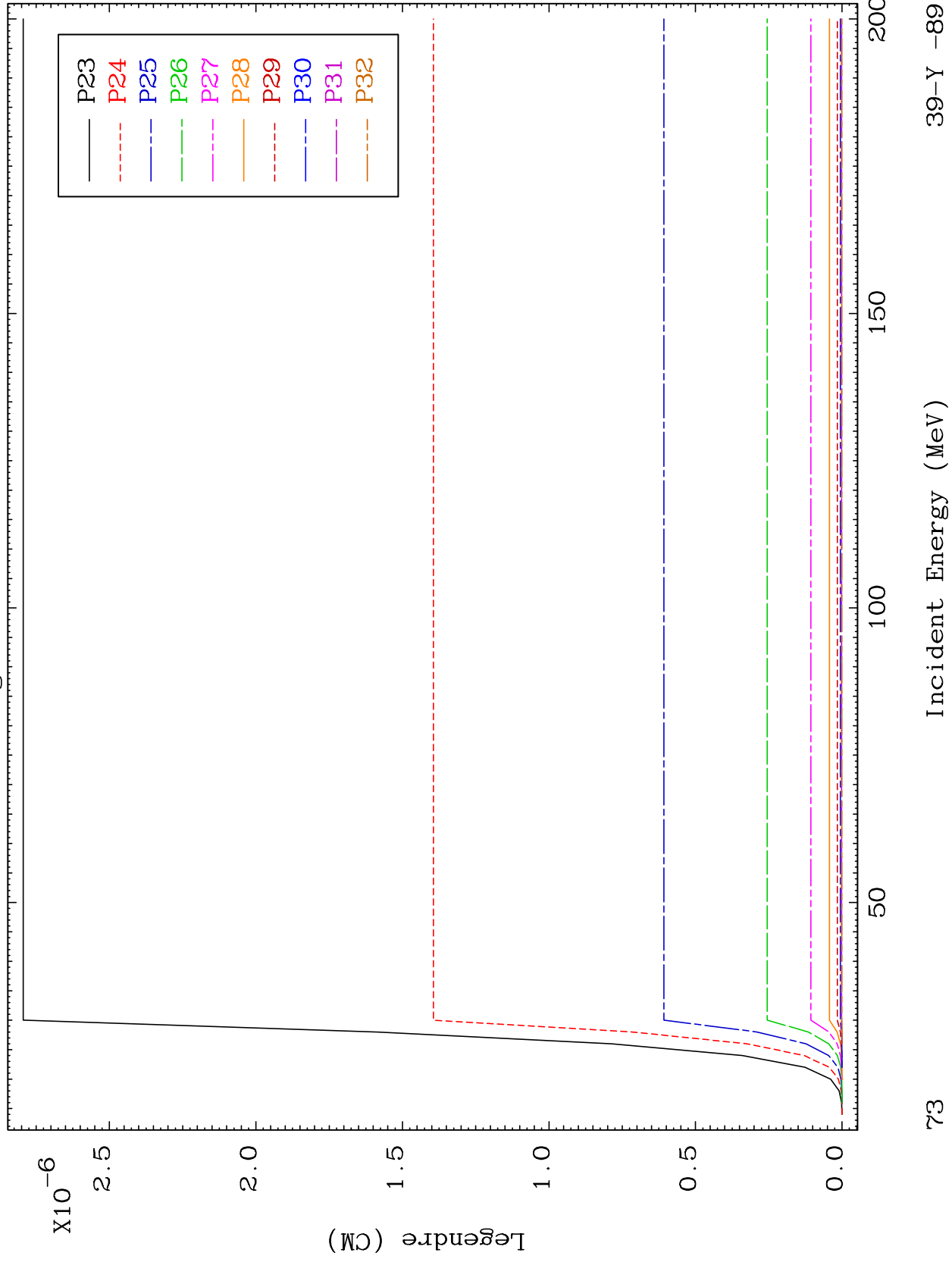




MAT 3925

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

39-Y -89



73

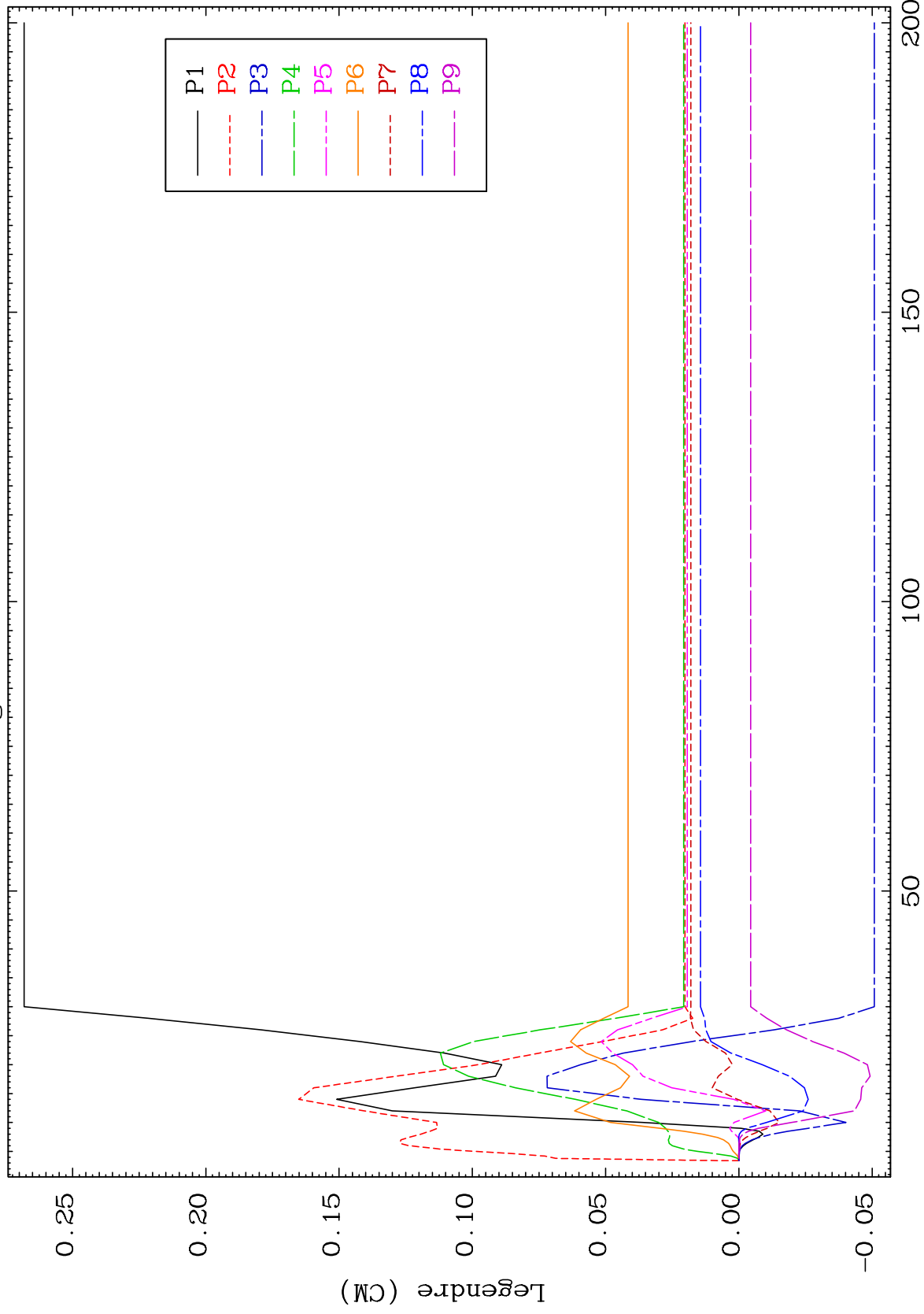
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



74

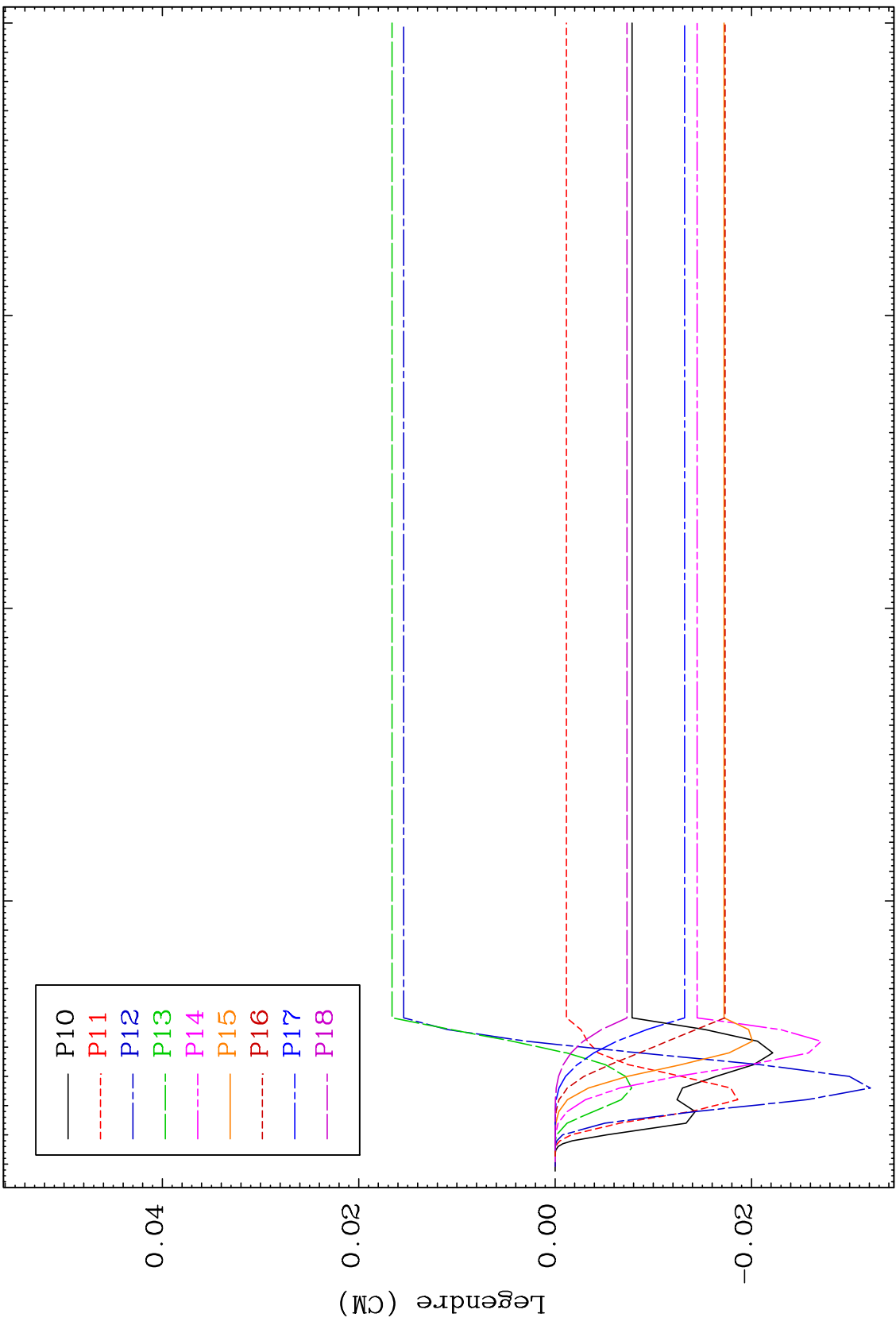
Incident Energy (MeV)

39-Y -89

MAT 3925

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

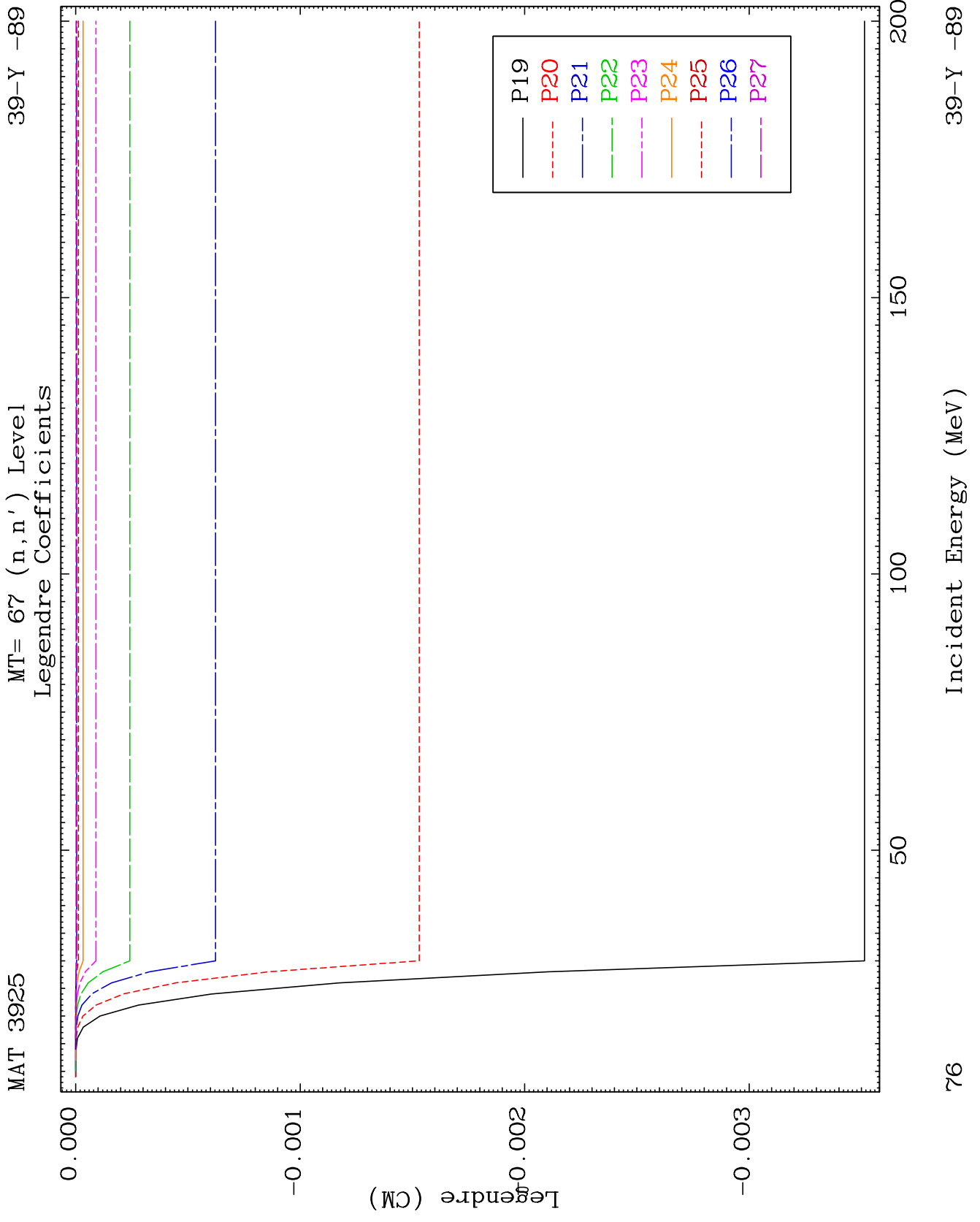
39-Y -89

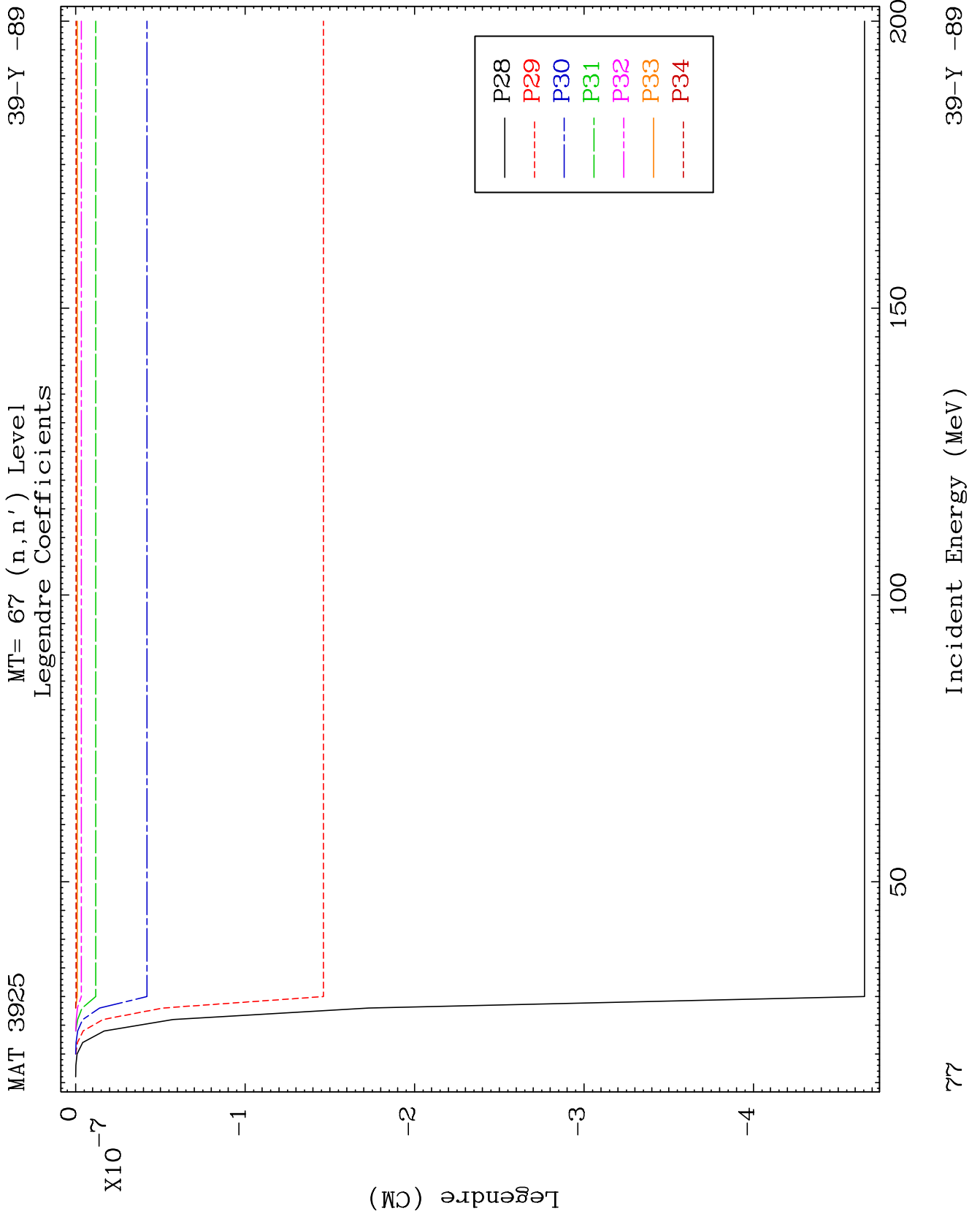


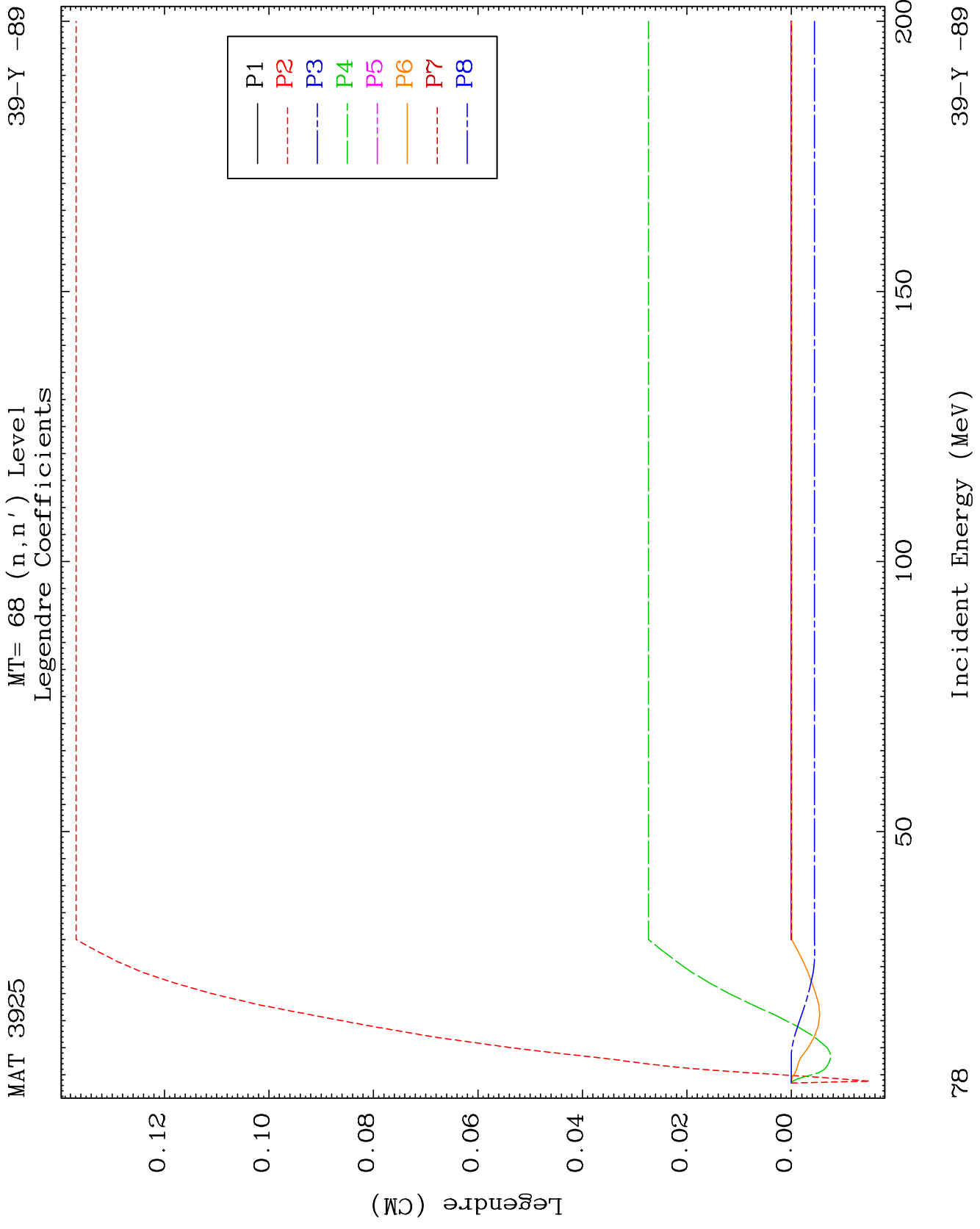
75

Incident Energy (MeV)

39-Y -89



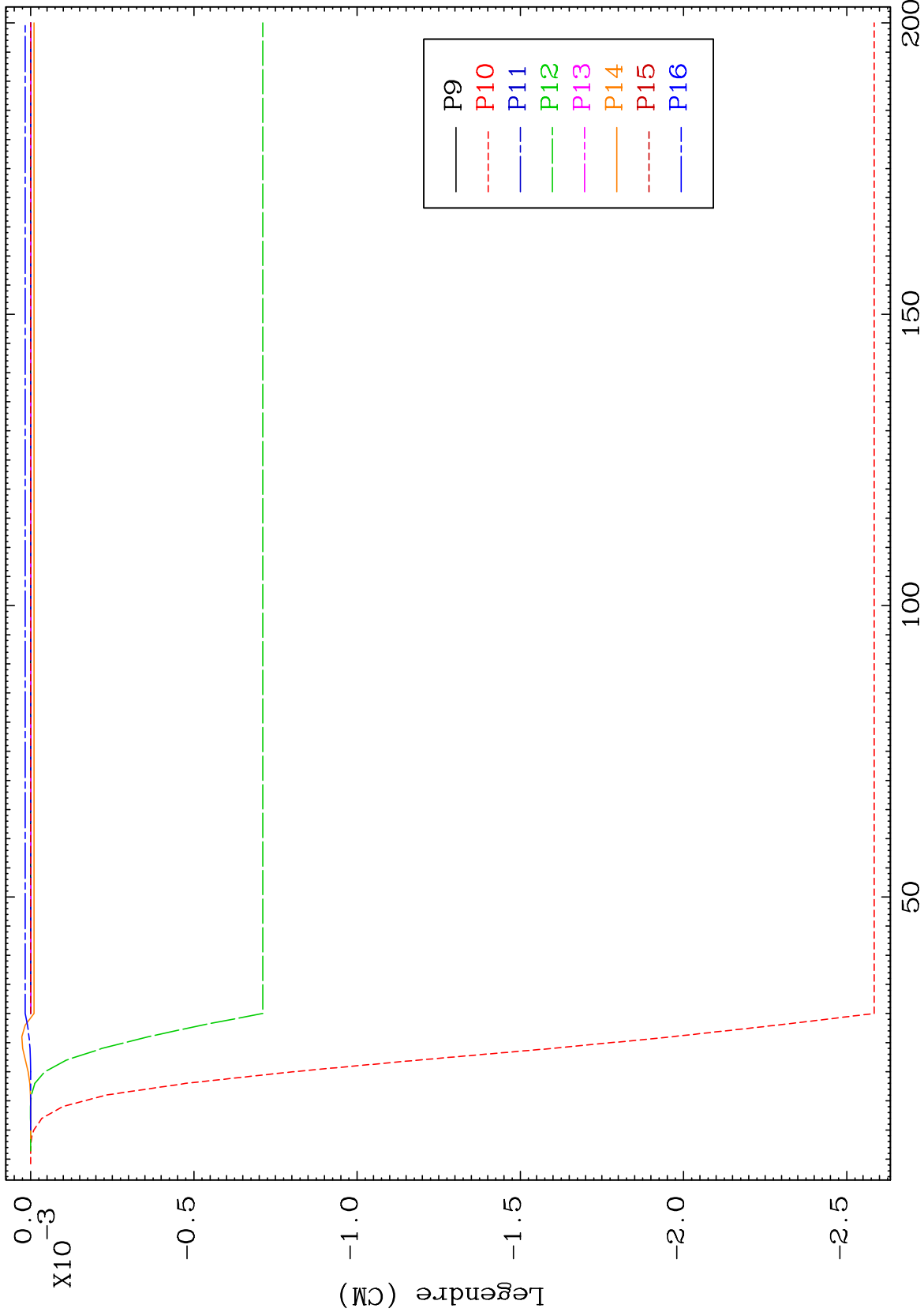




MAT 3925

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

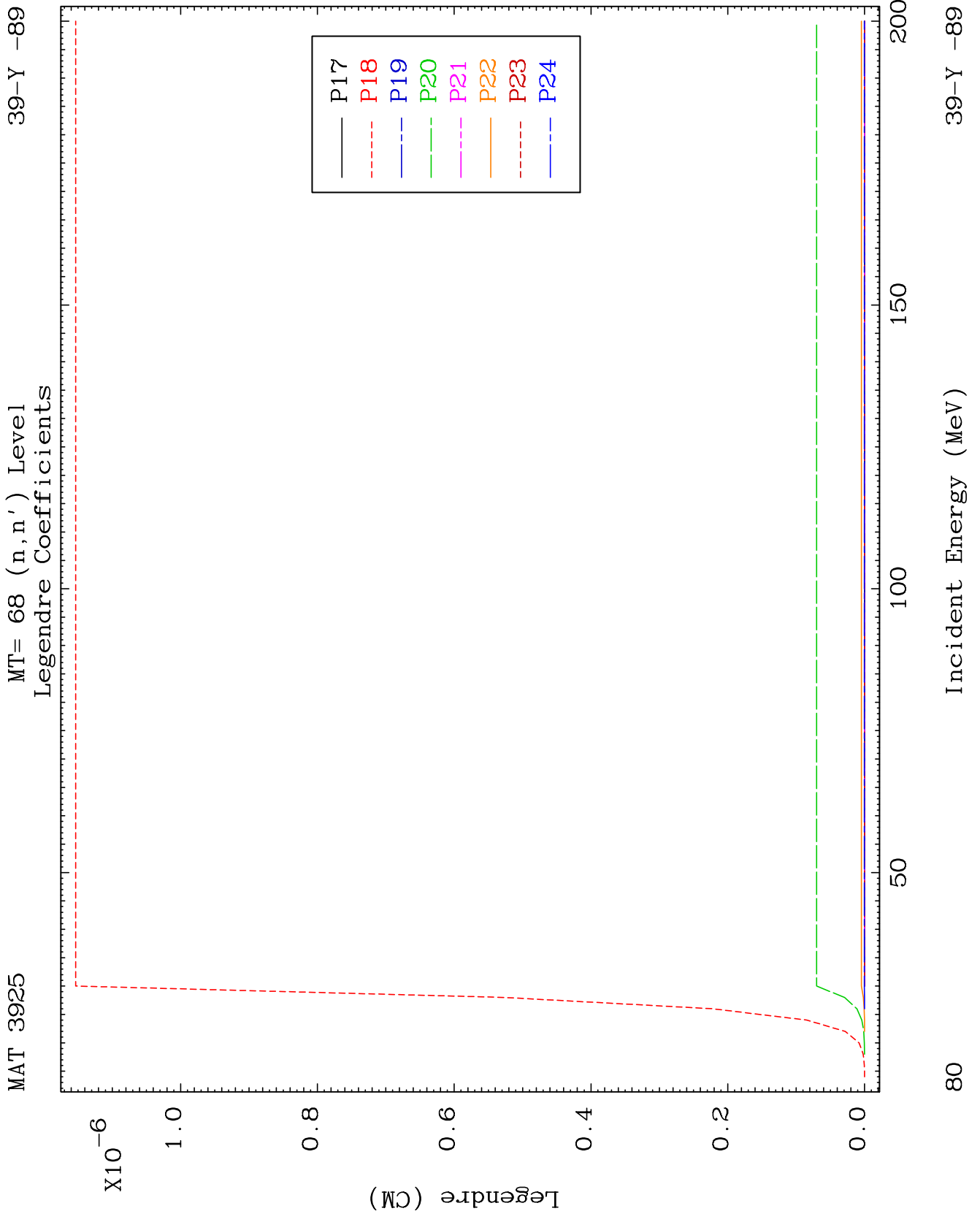
39-Y -89



79

Incident Energy (MeV)

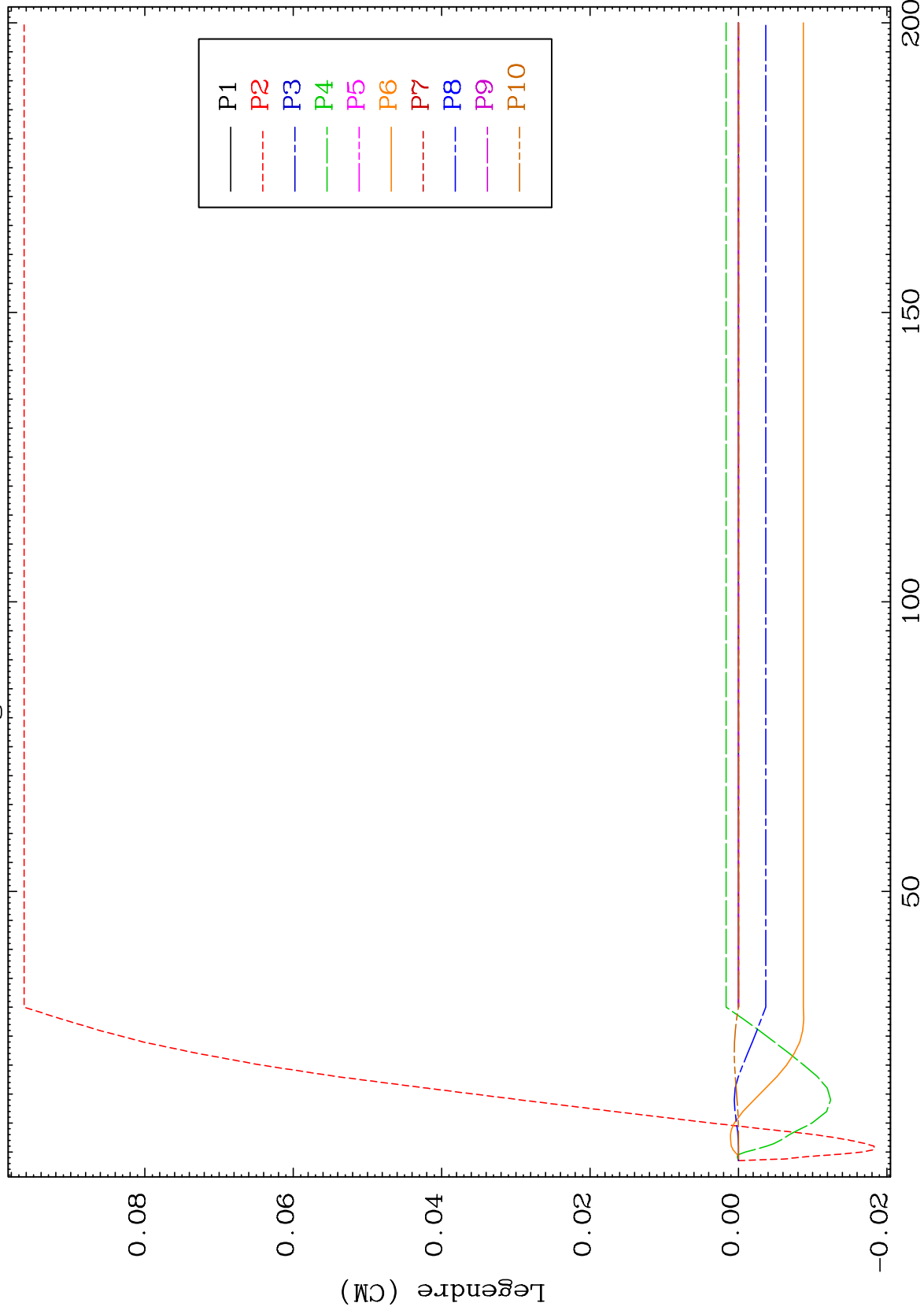
39-Y -89



MAT 3925

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

39-Y -89



81

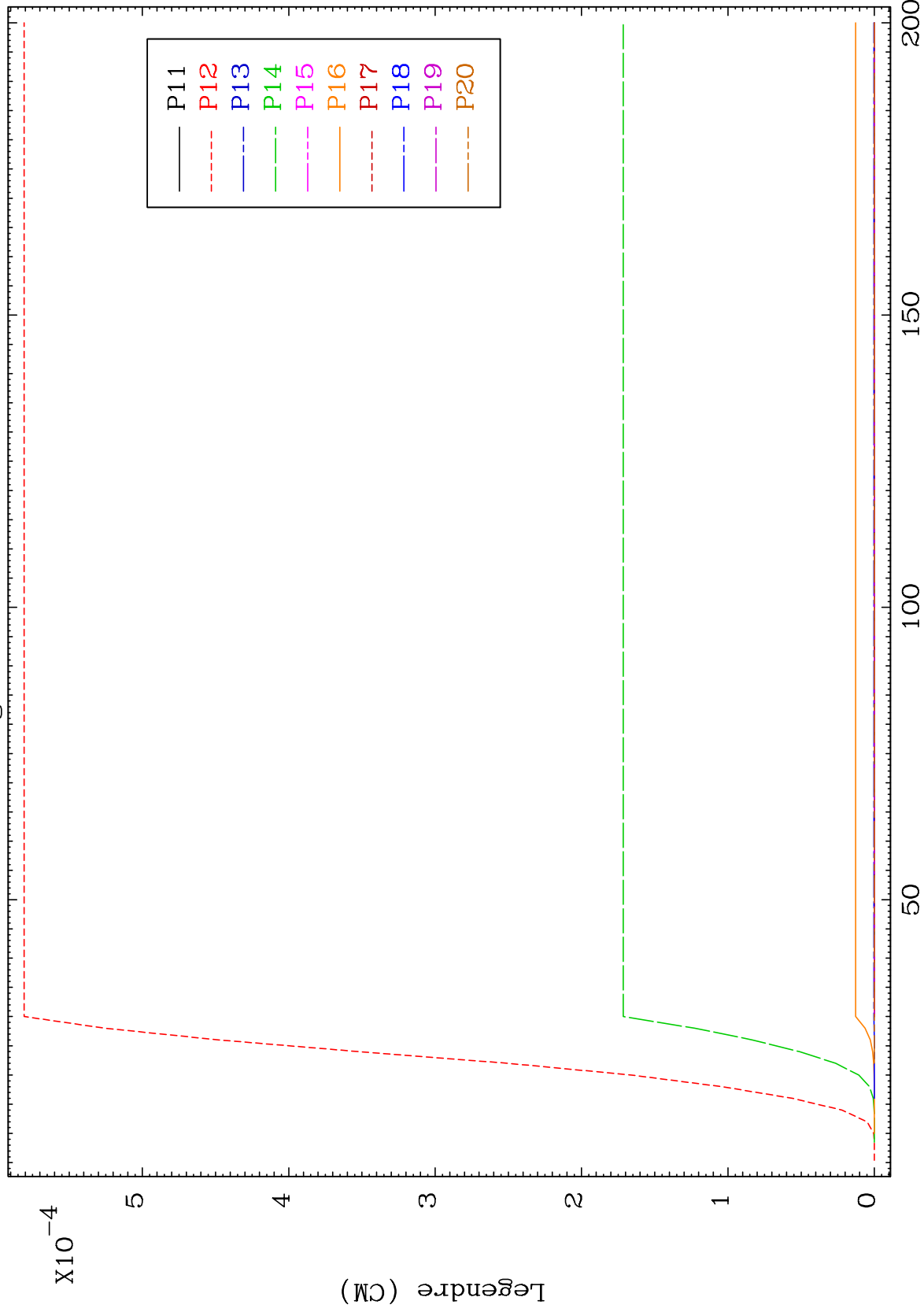
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



82

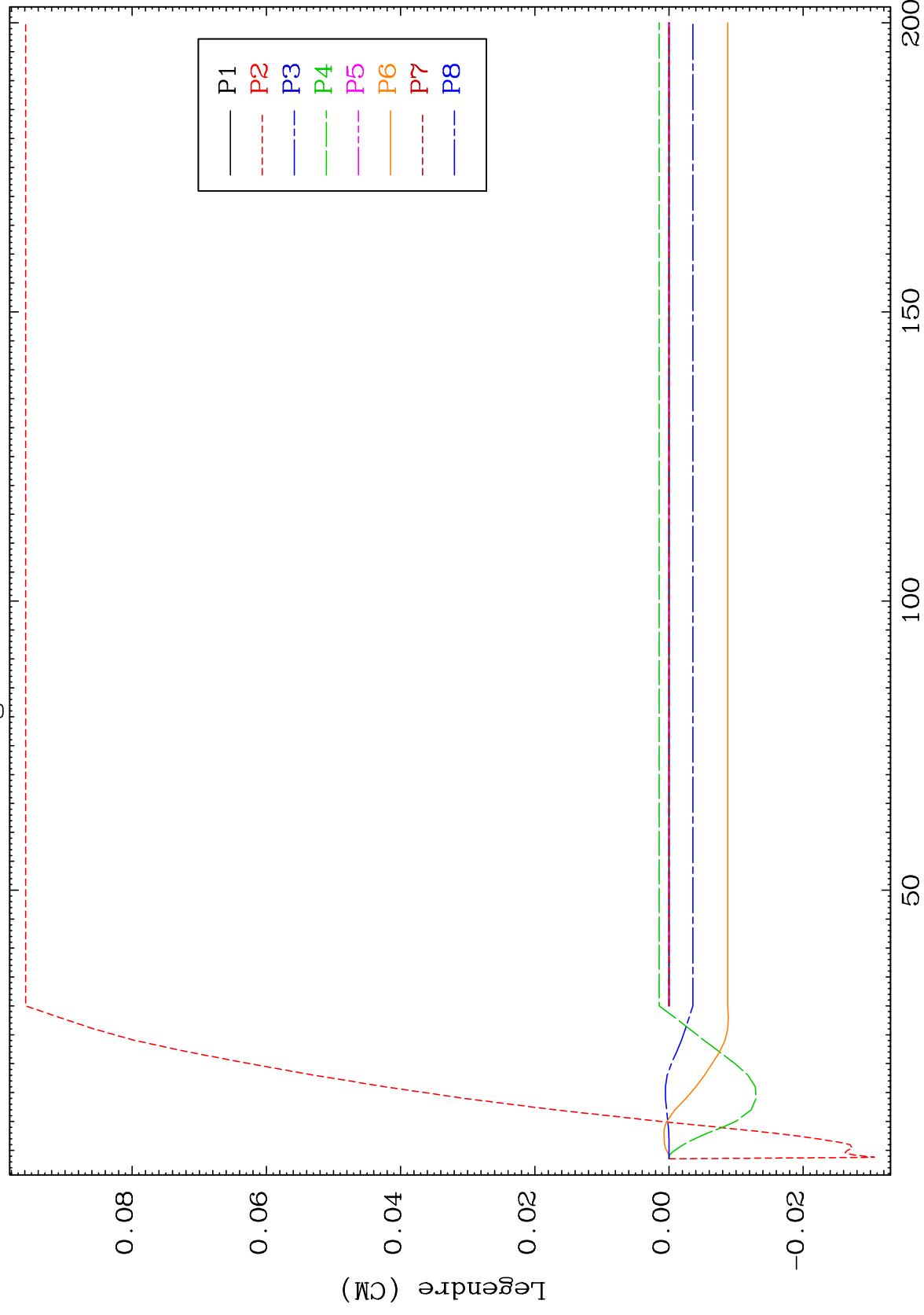
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



83

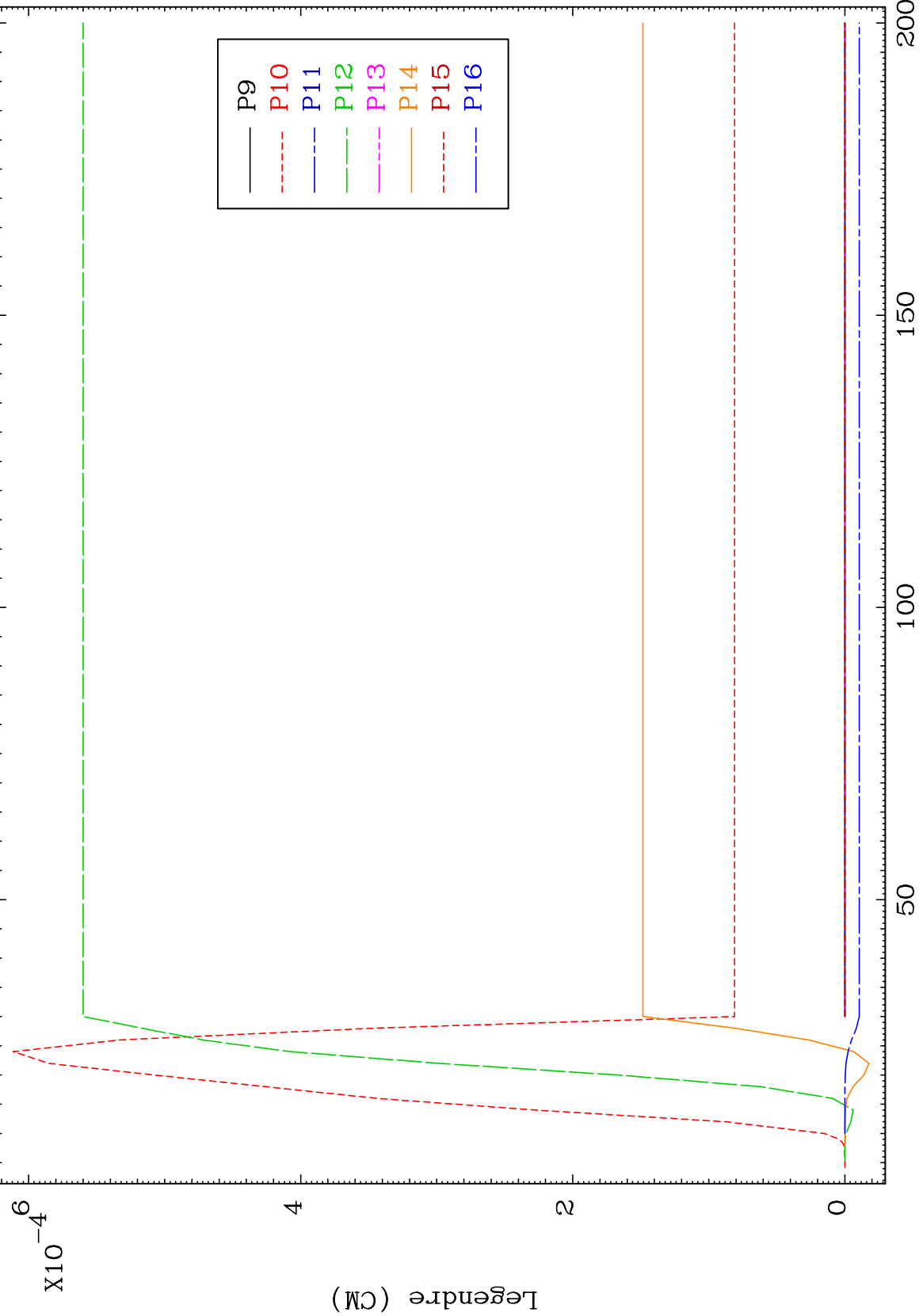
Incident Energy (MeV)

39-Y -89

MAT 3925

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

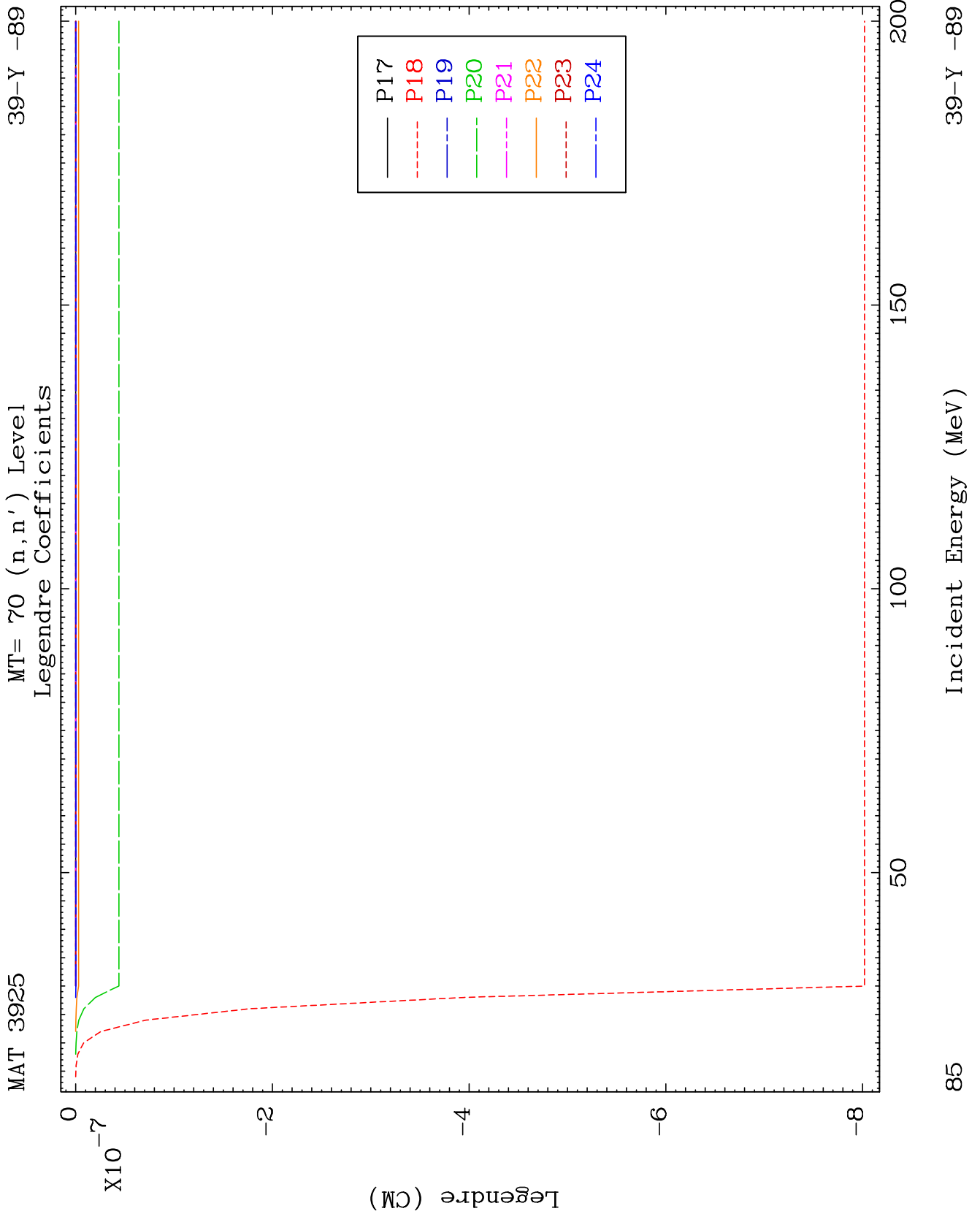
39-Y -89

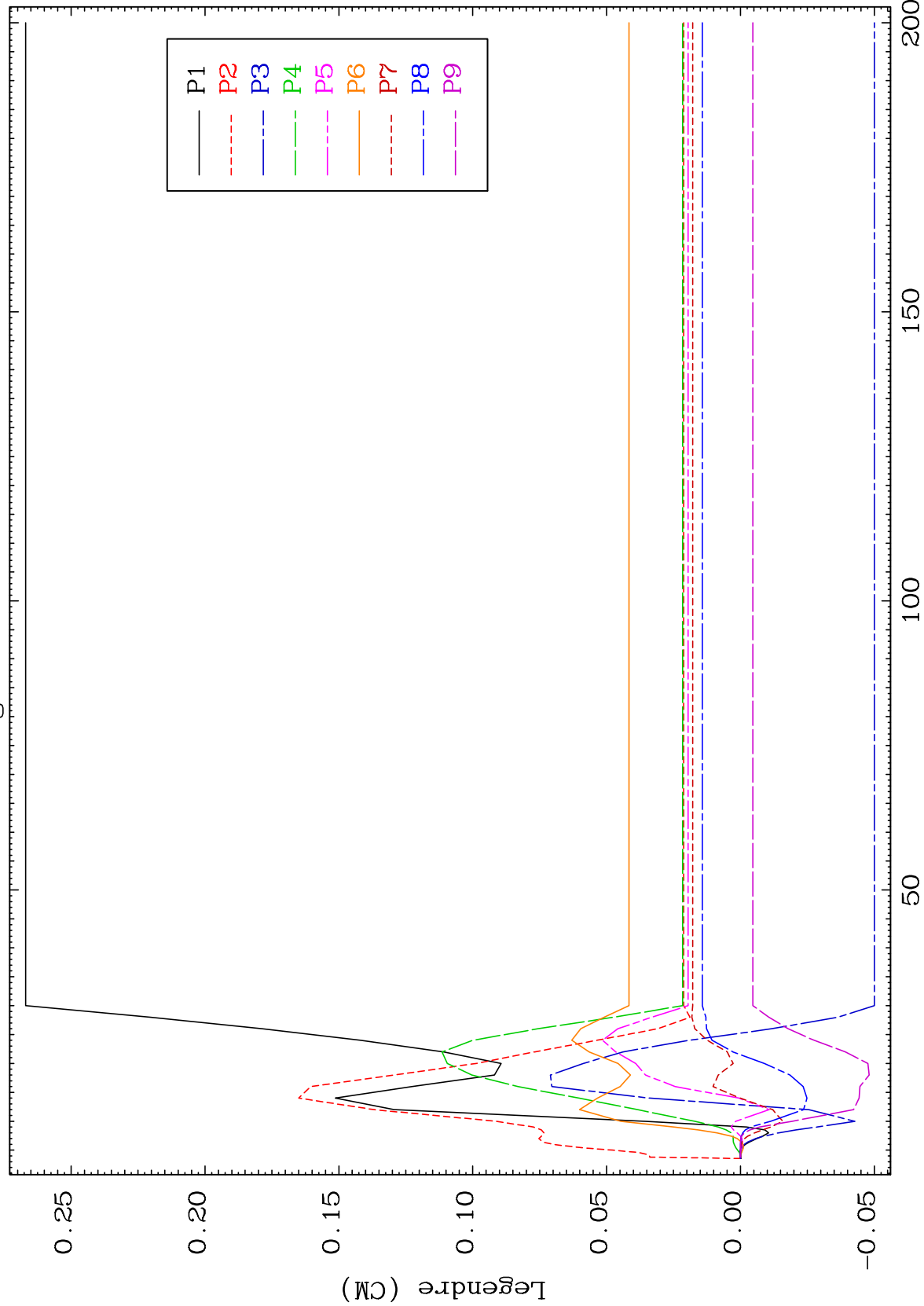


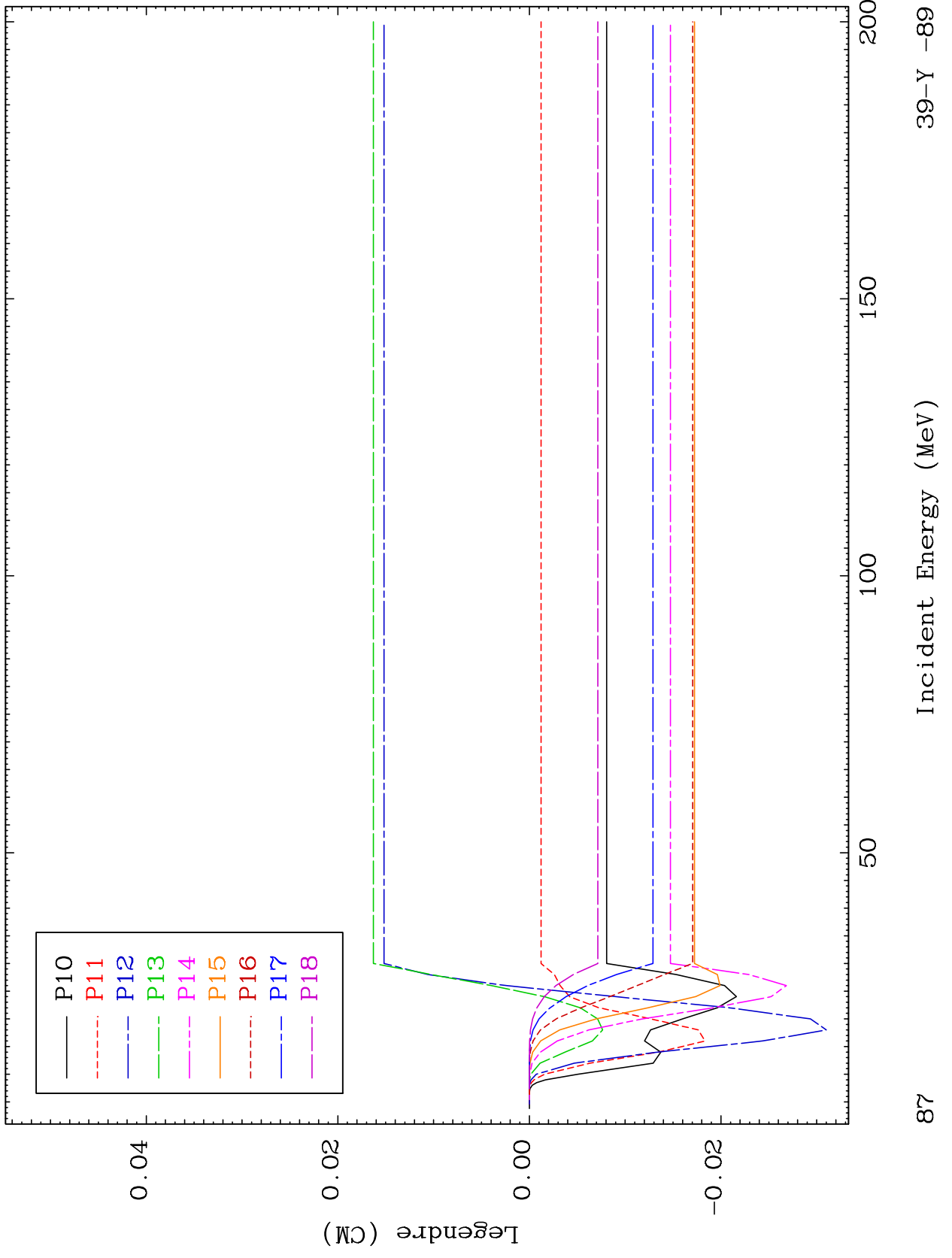
84

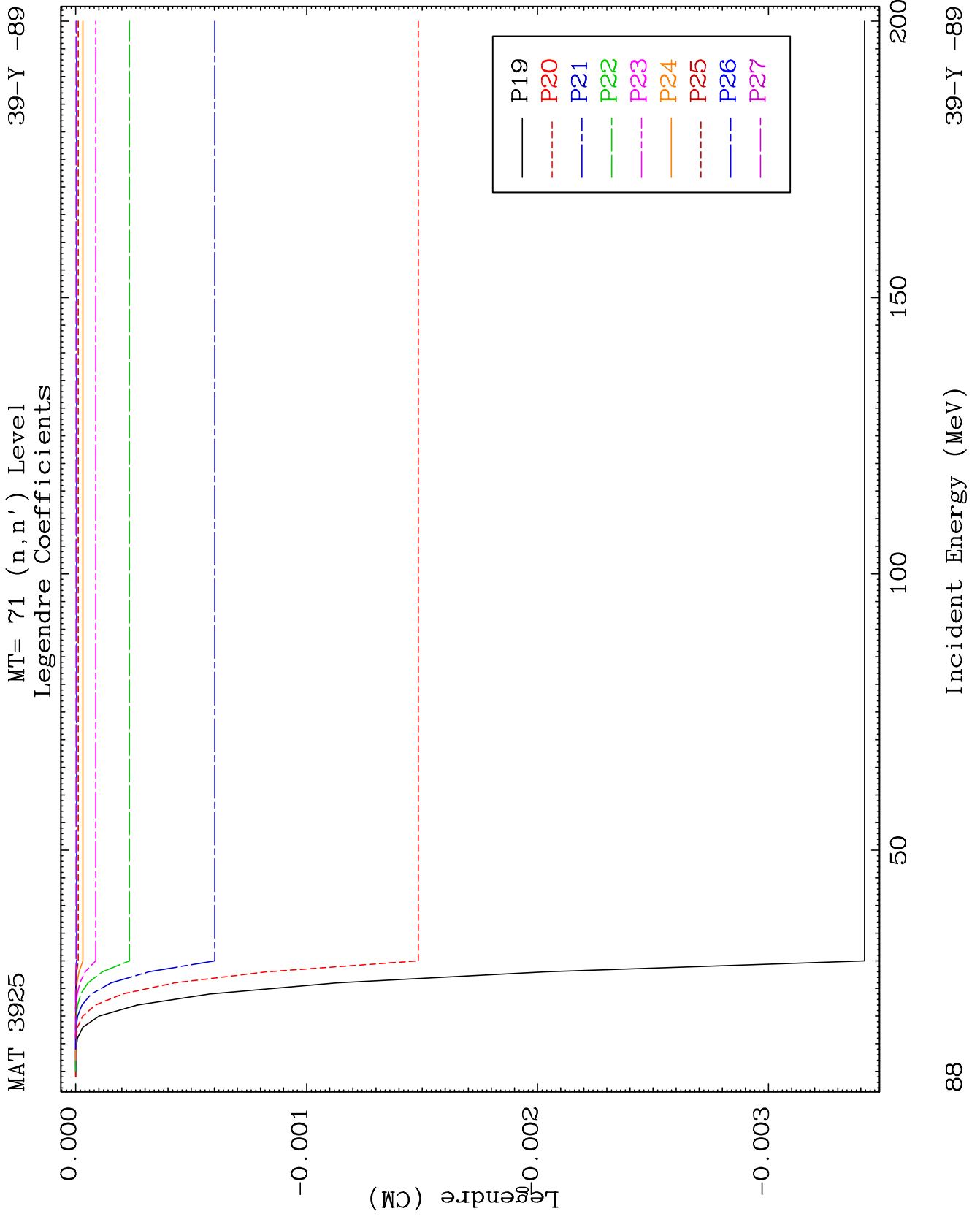
Incident Energy (MeV)

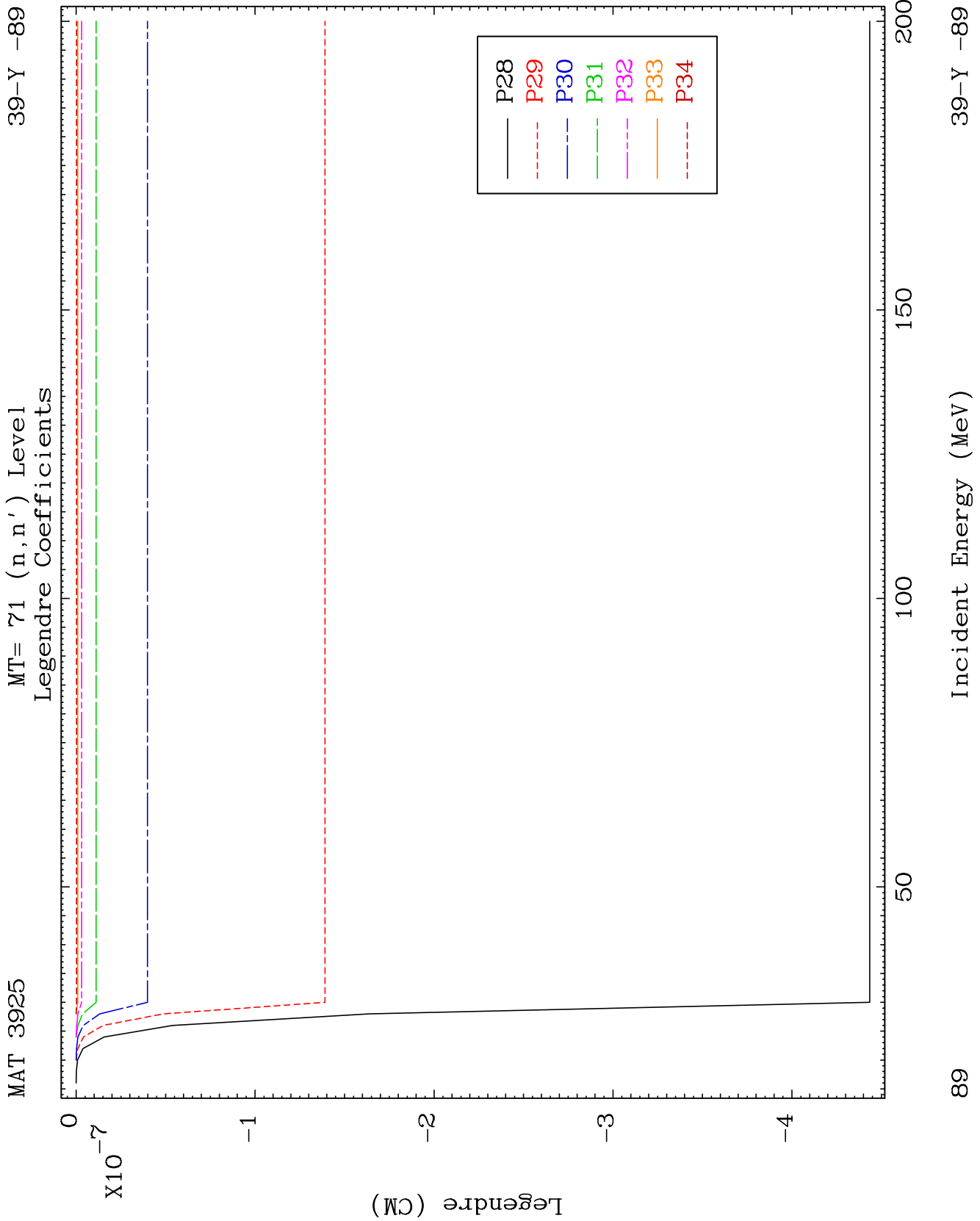
39-Y -89







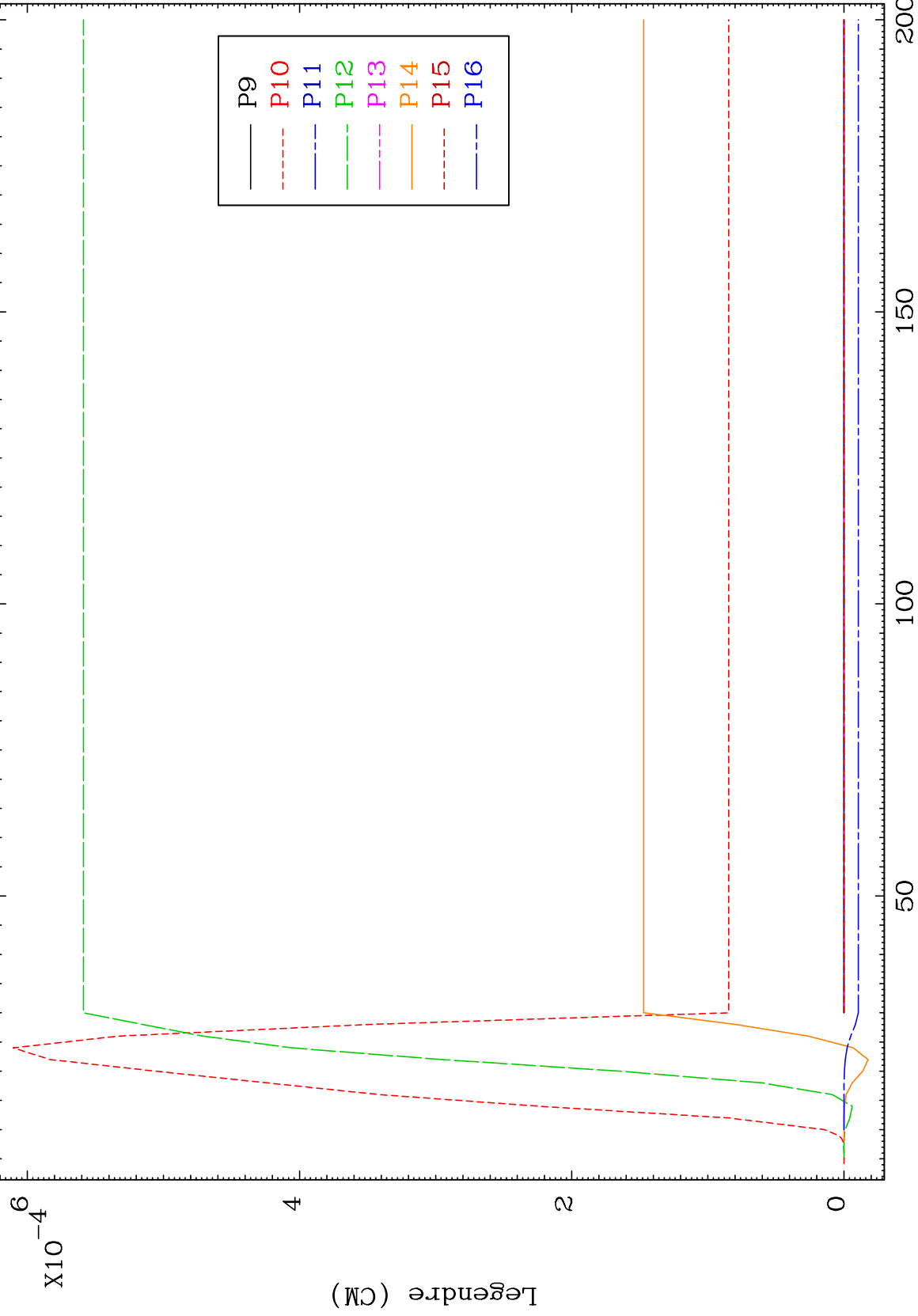




MAT 3925

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

39-Y -89



91

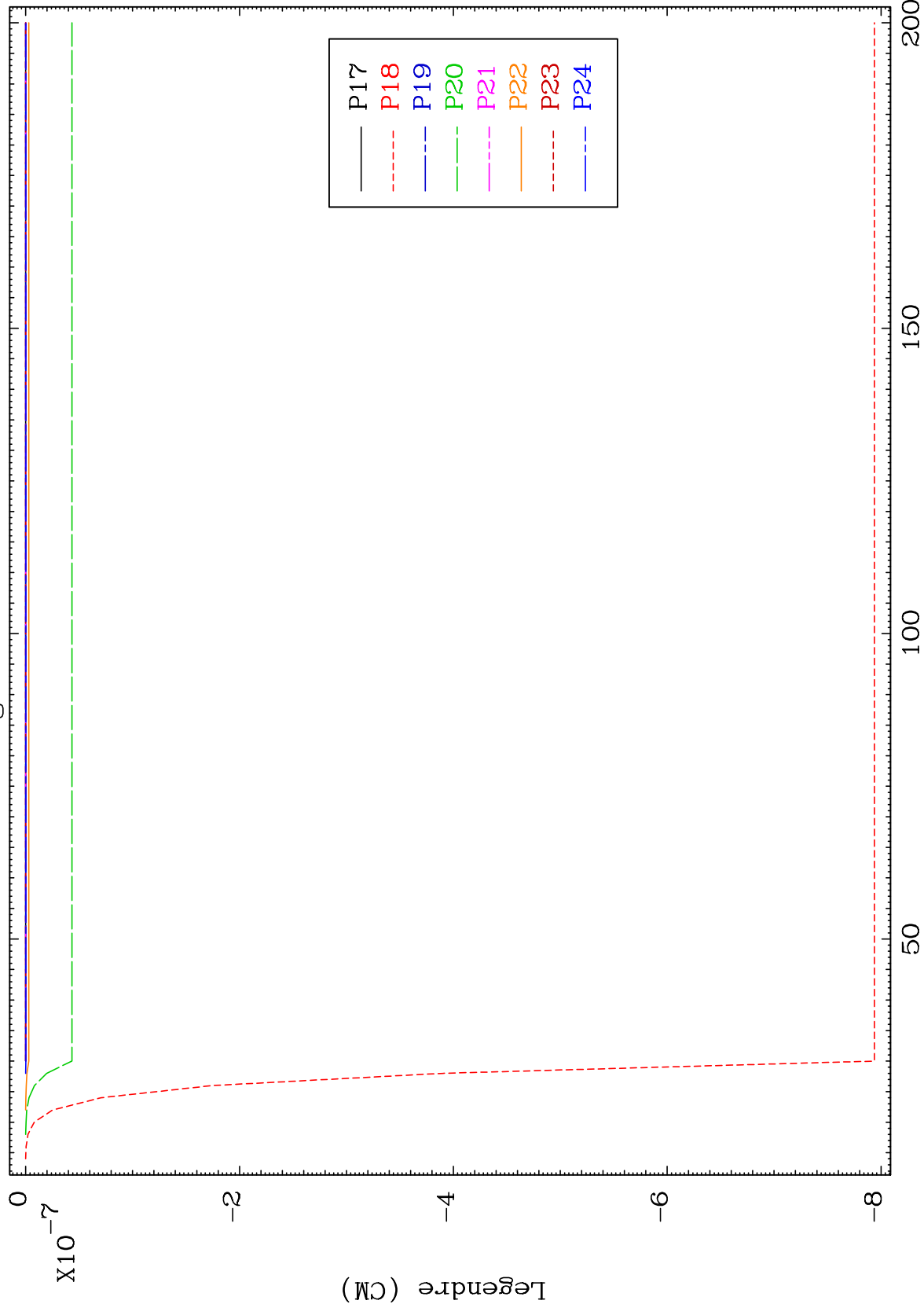
Incident Energy (MeV)

39-Y -89

MAT 3925 MT= 72 (n,n') Level

Legendre Coefficients

39-Y -89



39-Y -89

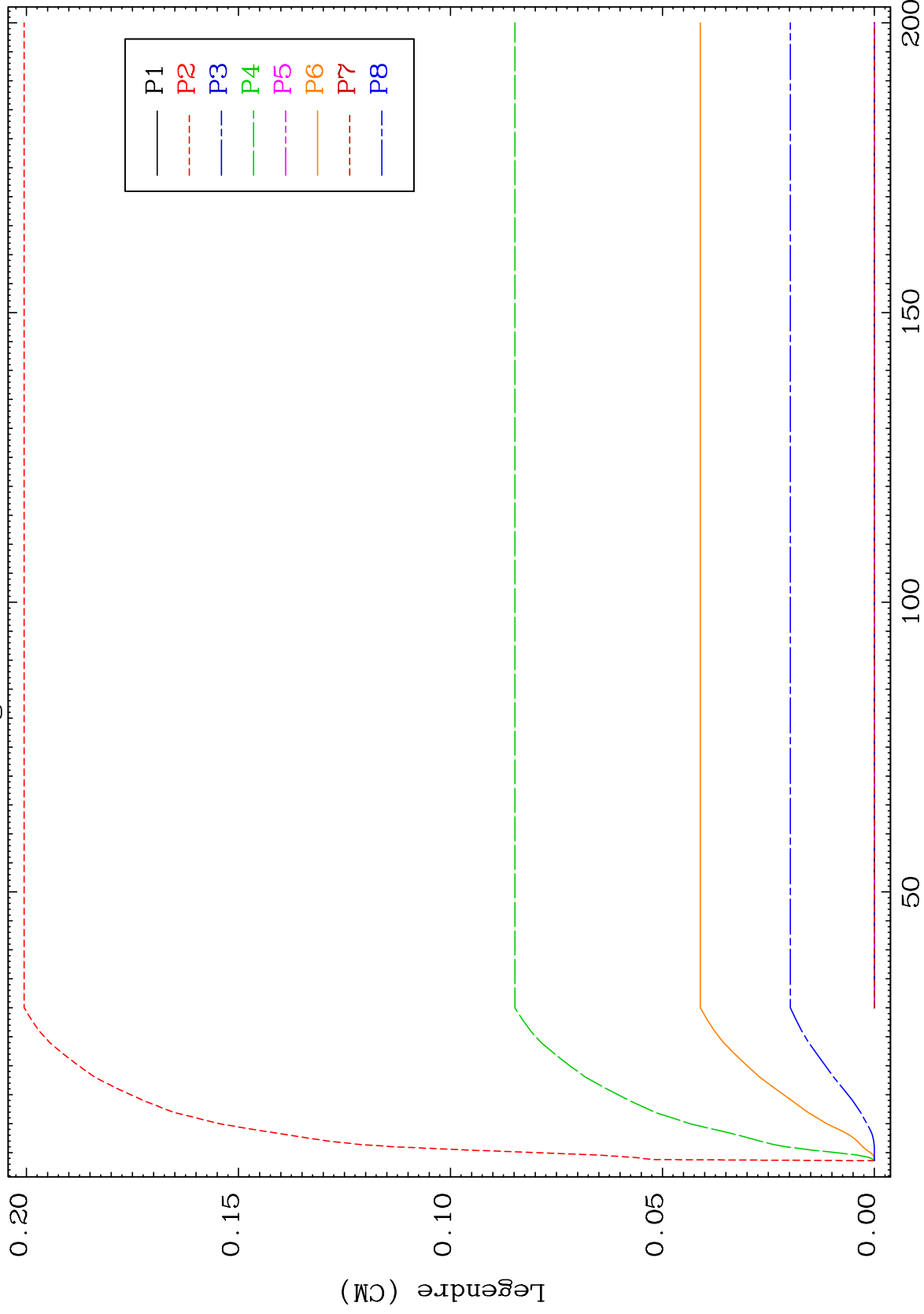
Incident Energy (MeV)

92

MAT 3925

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

39-Y -89



93

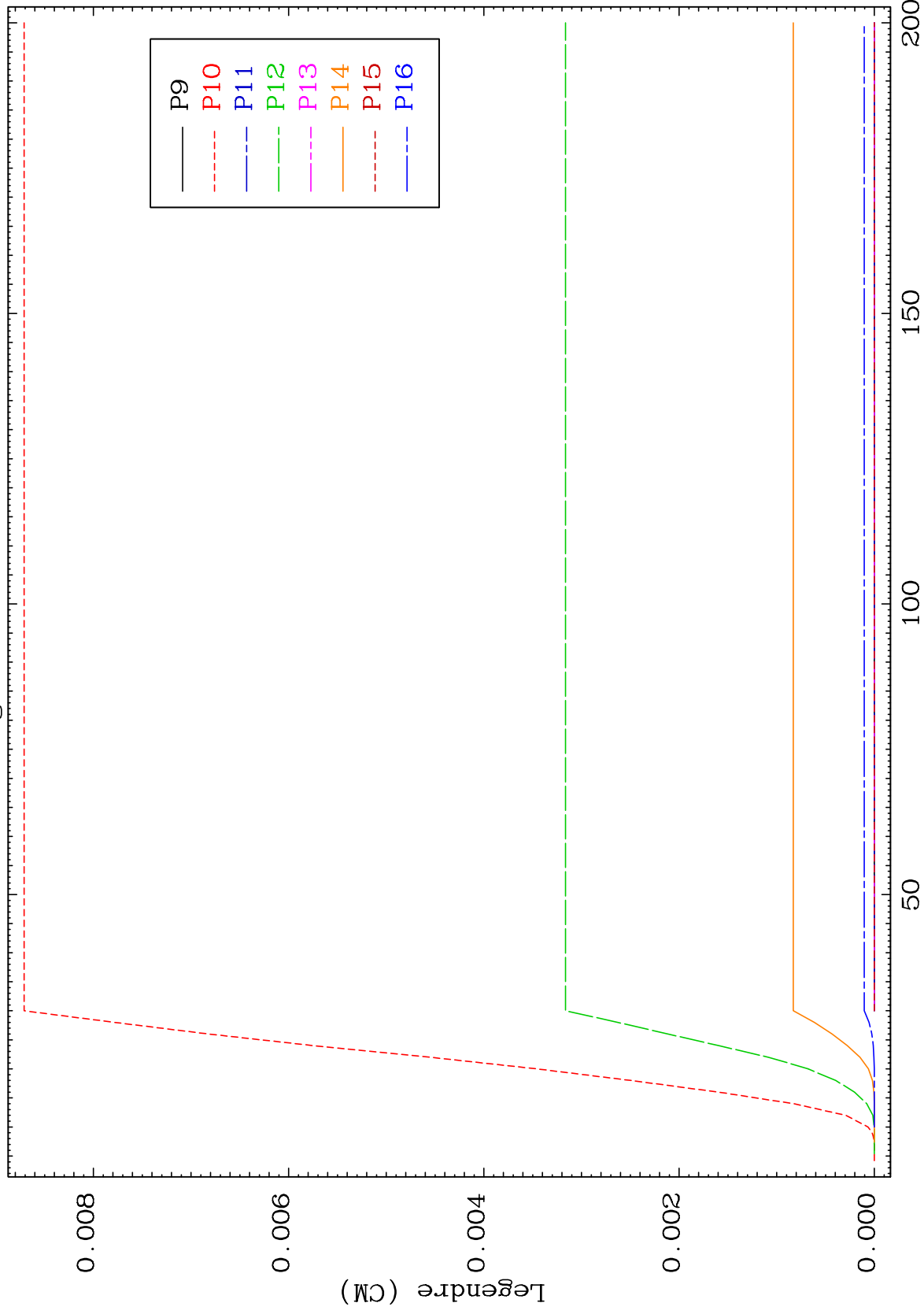
Incident Energy (MeV)

39-Y -89

MAT 3925

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

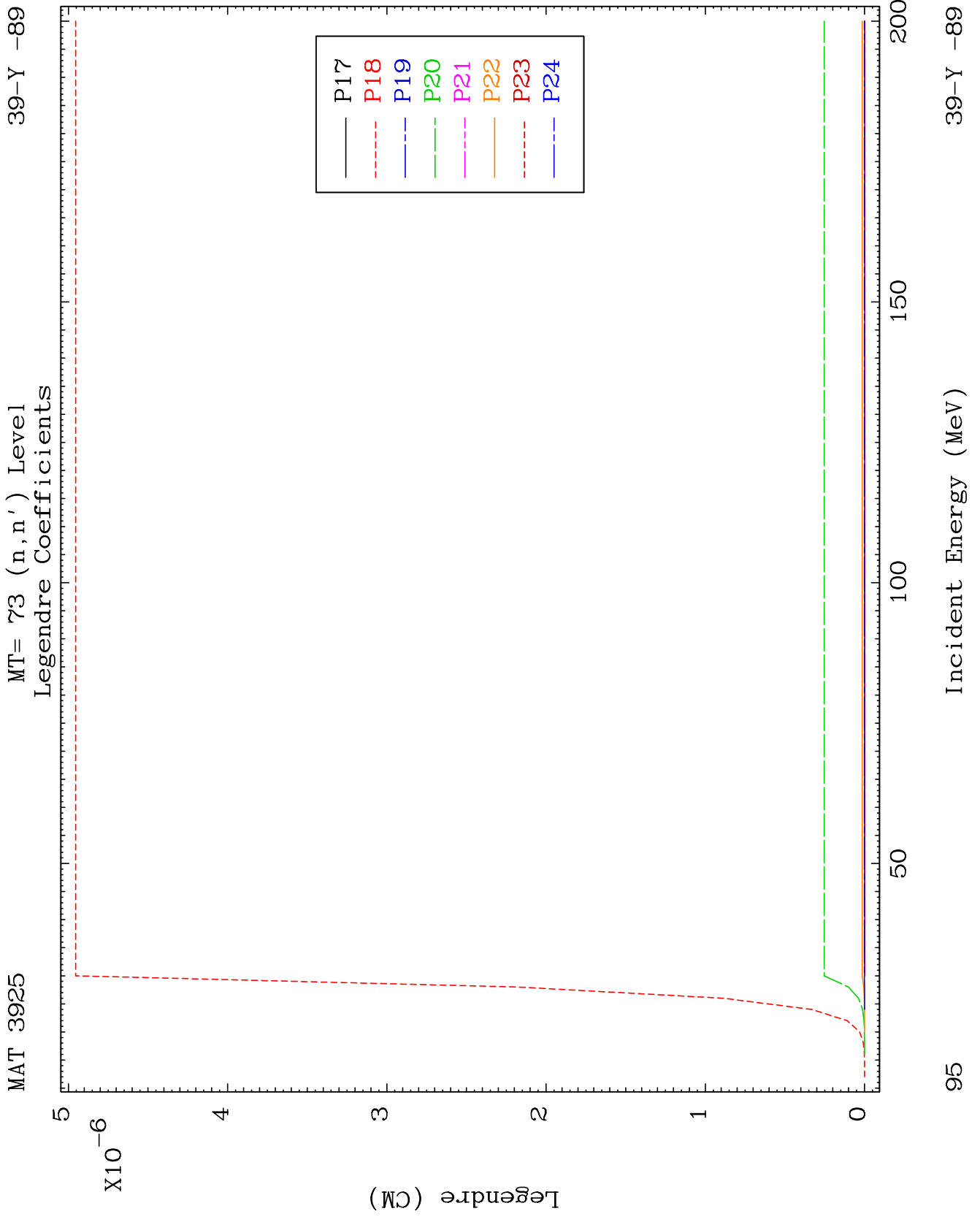
39-Y -89

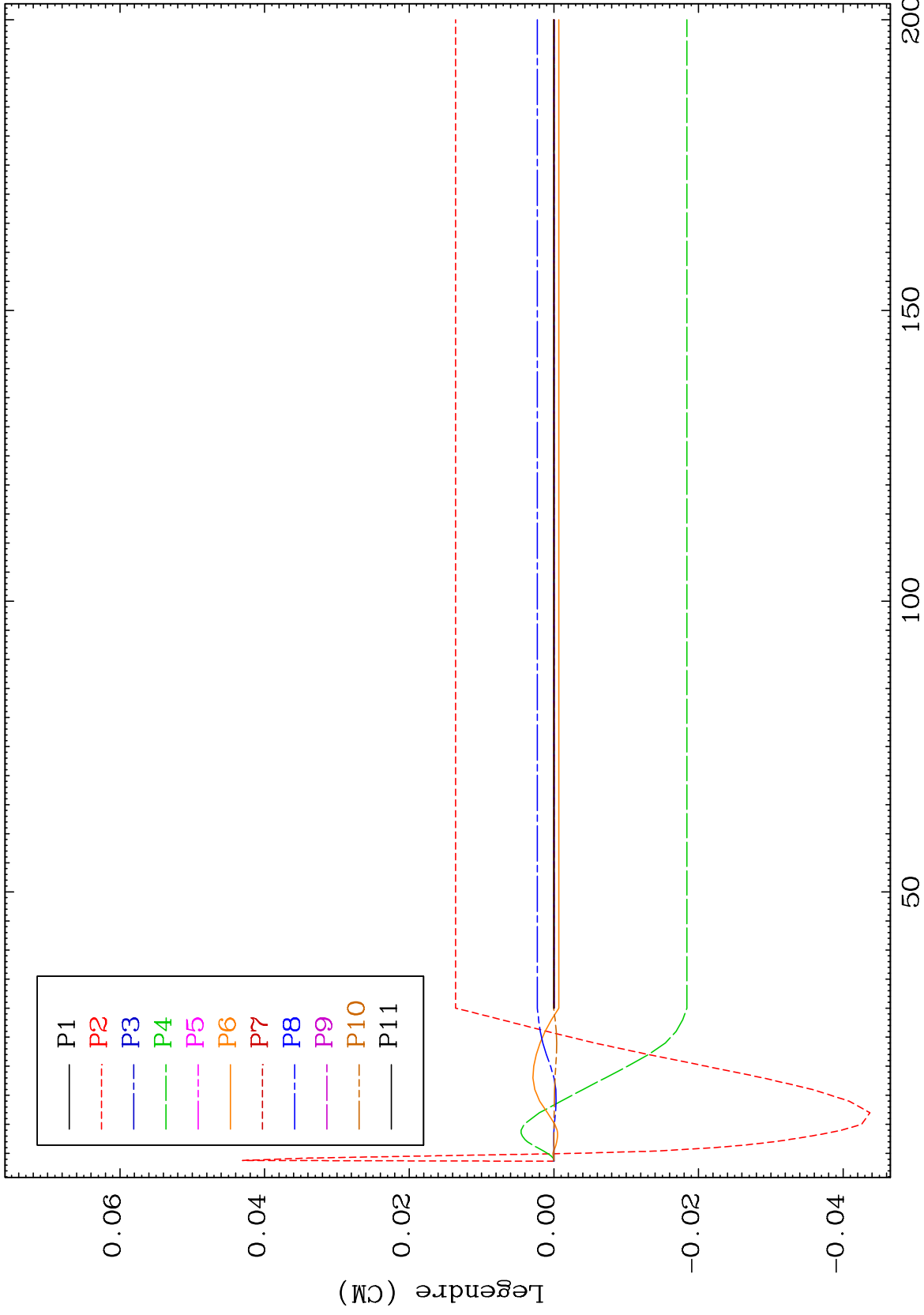


94

Incident Energy (MeV)

39-Y -89

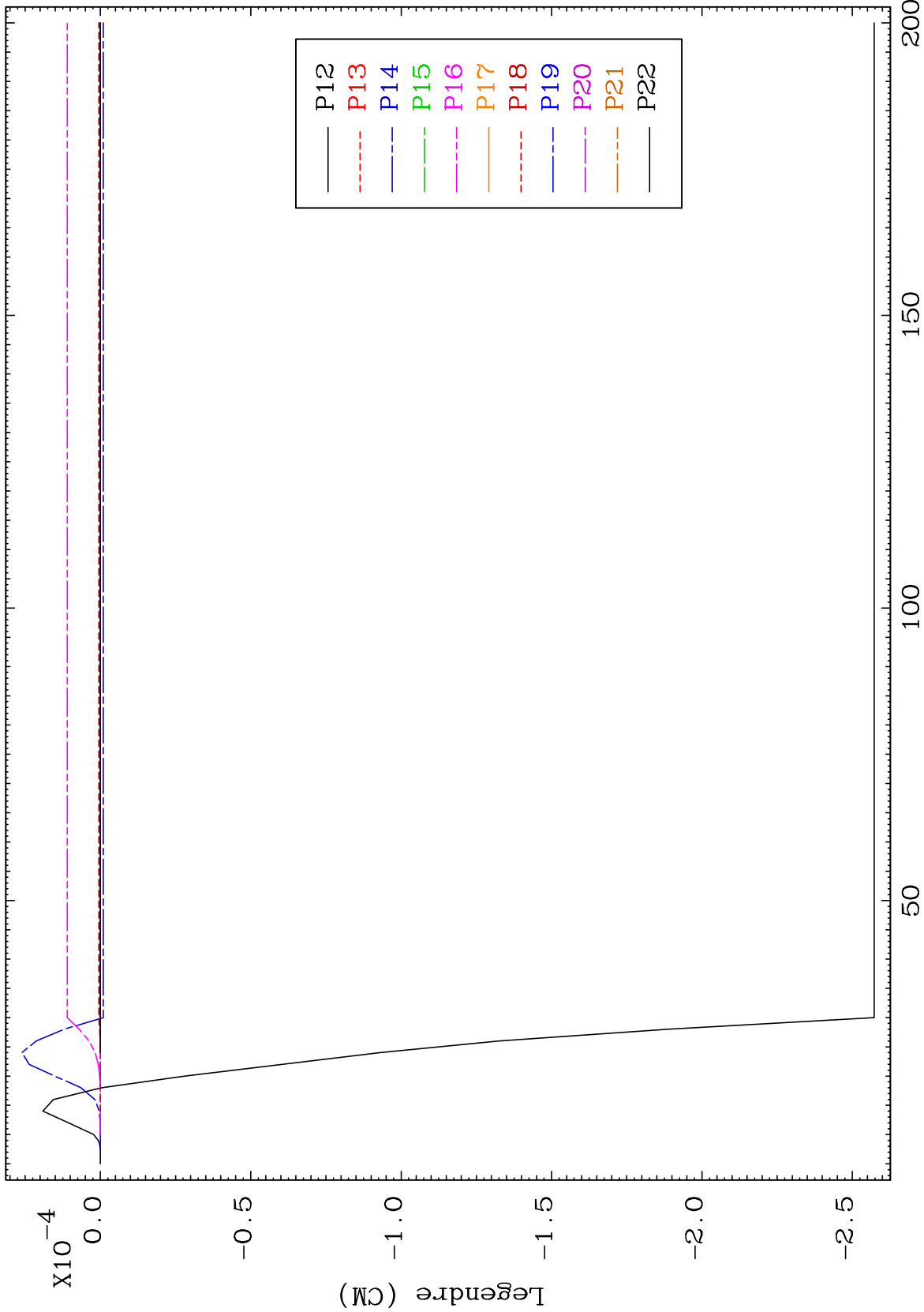




MAT 3925

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

39-Y -89



97

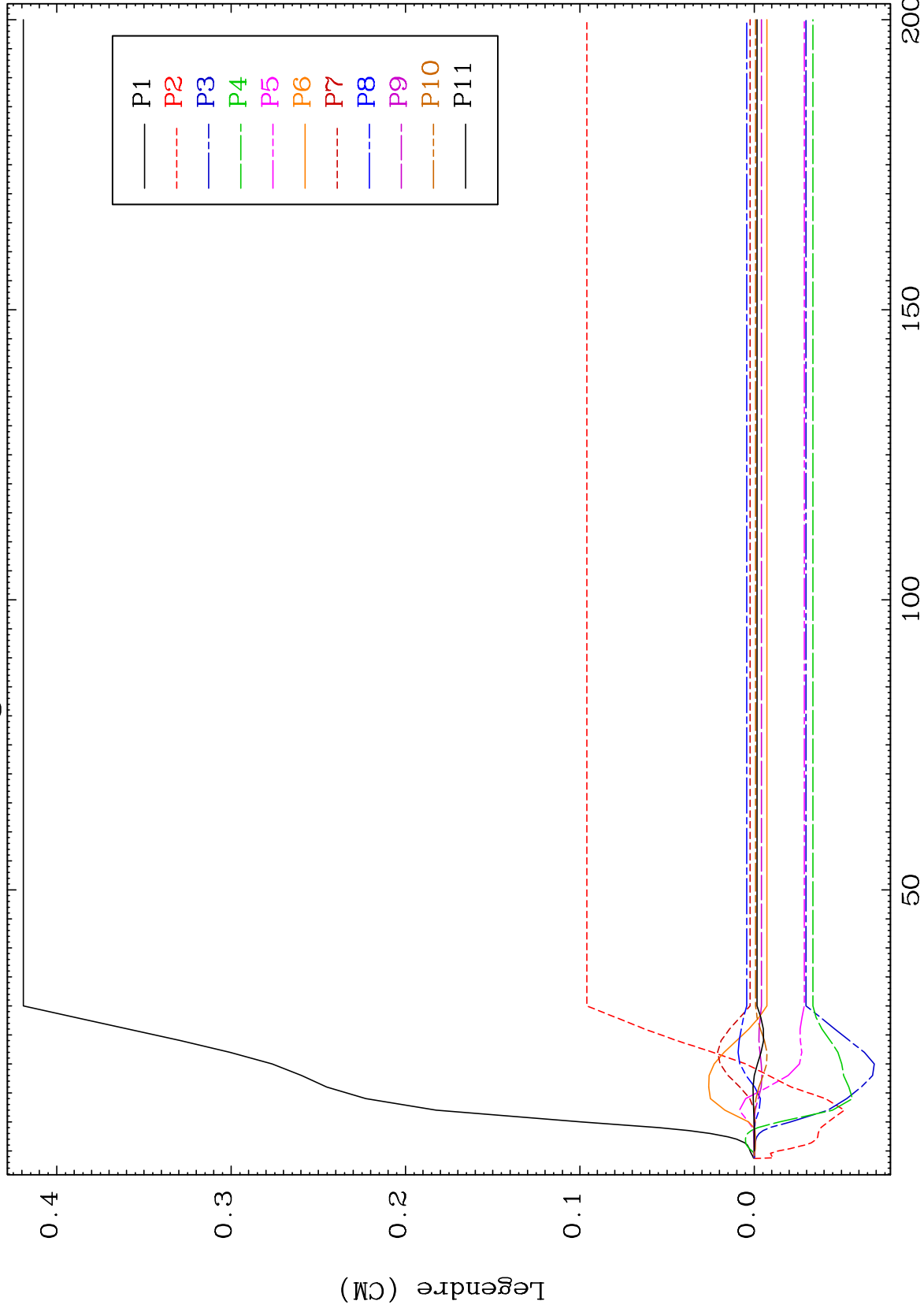
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



98

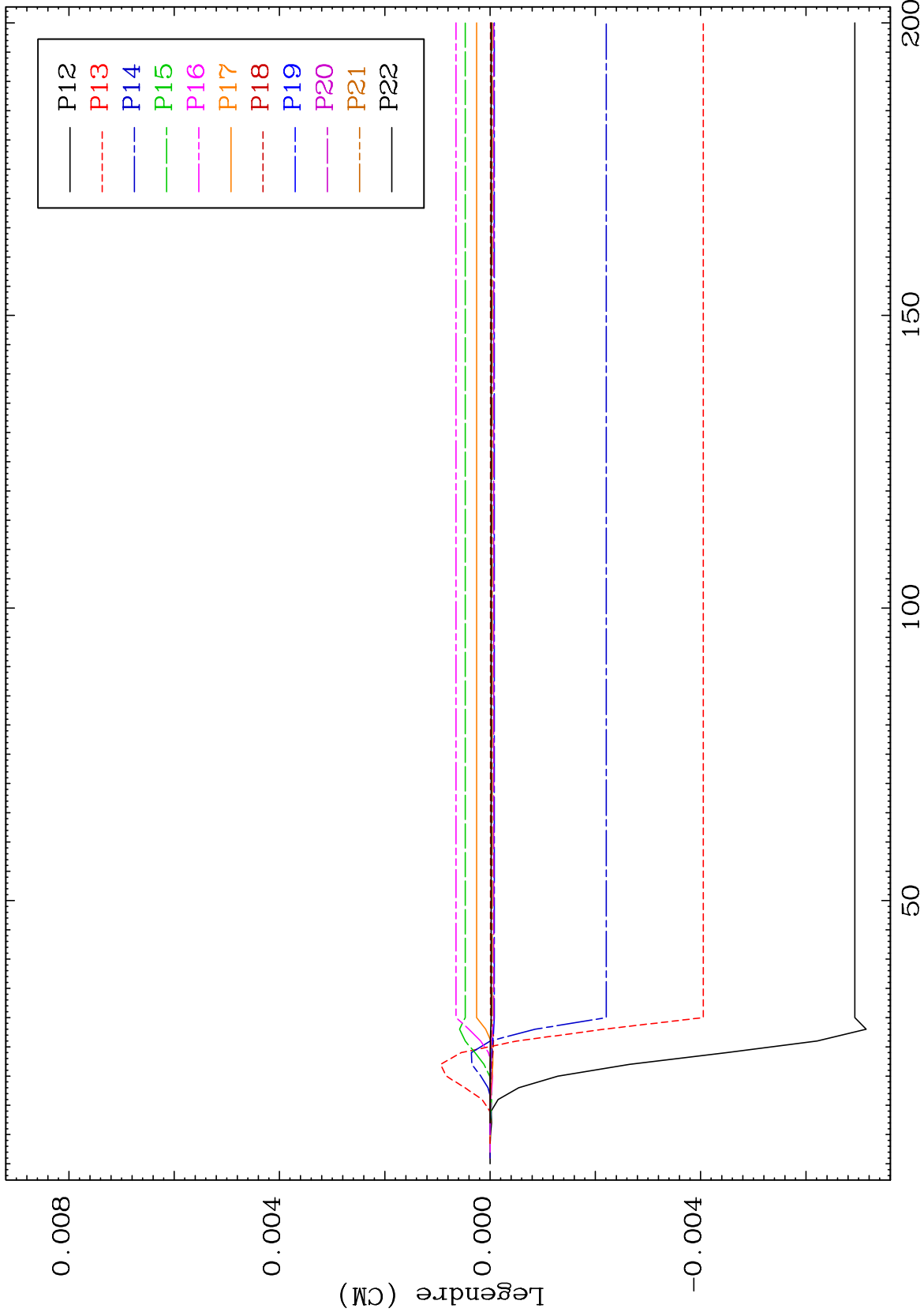
Incident Energy (MeV)

39-Y -89

MAT 3925

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

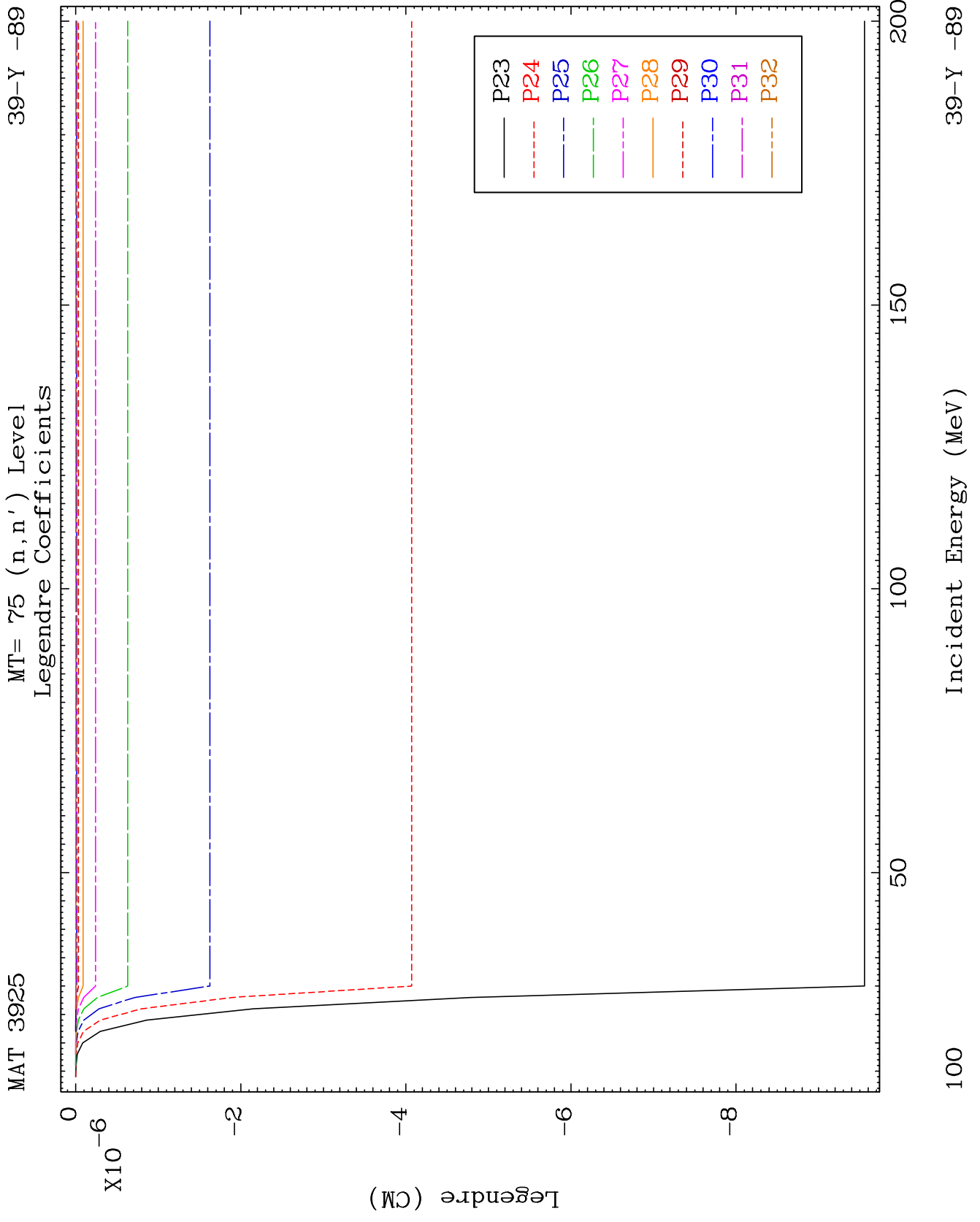
39-Y -89



99

Incident Energy (MeV)

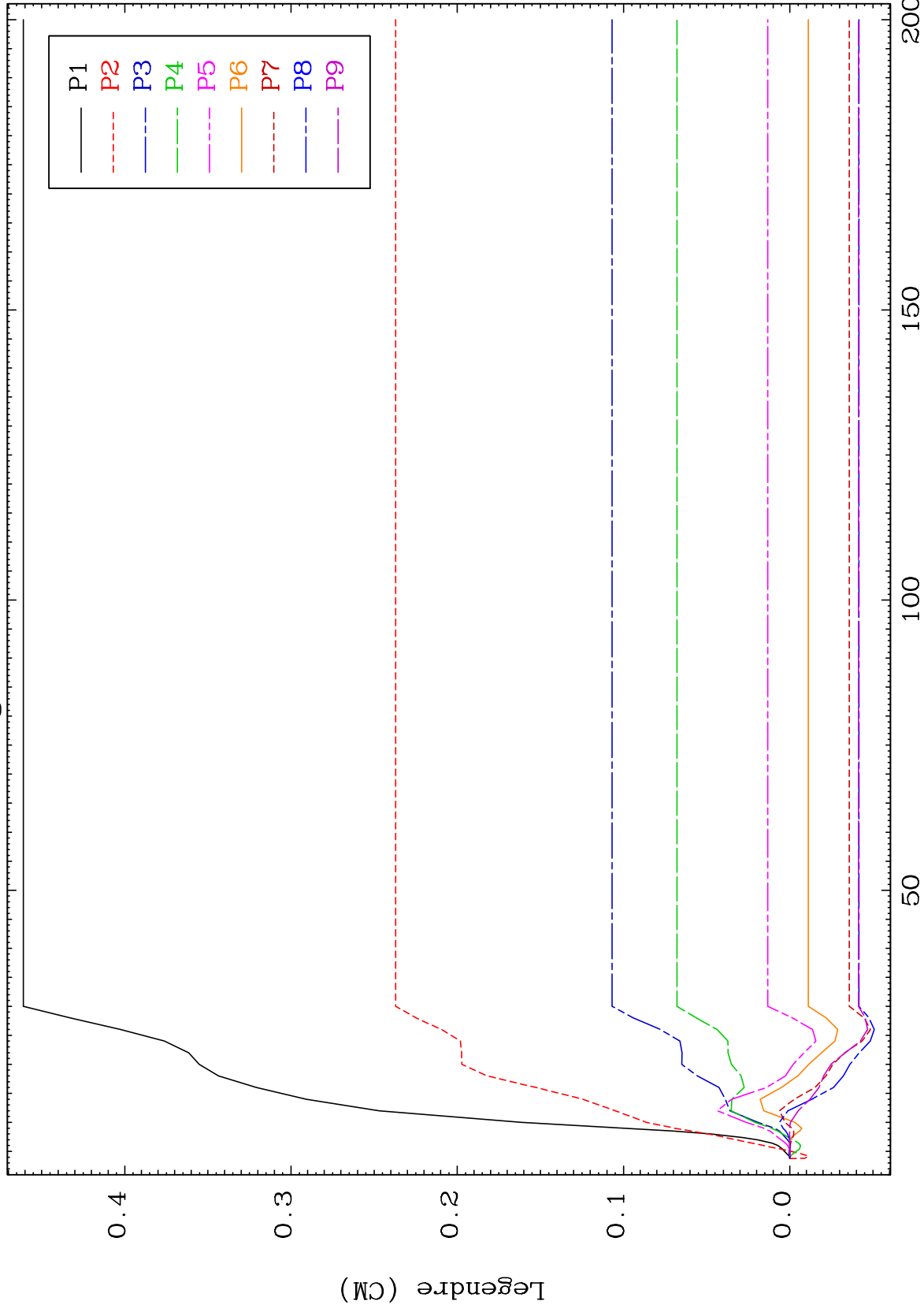
39-Y -89



MAT 3925

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

39-Y -89



101

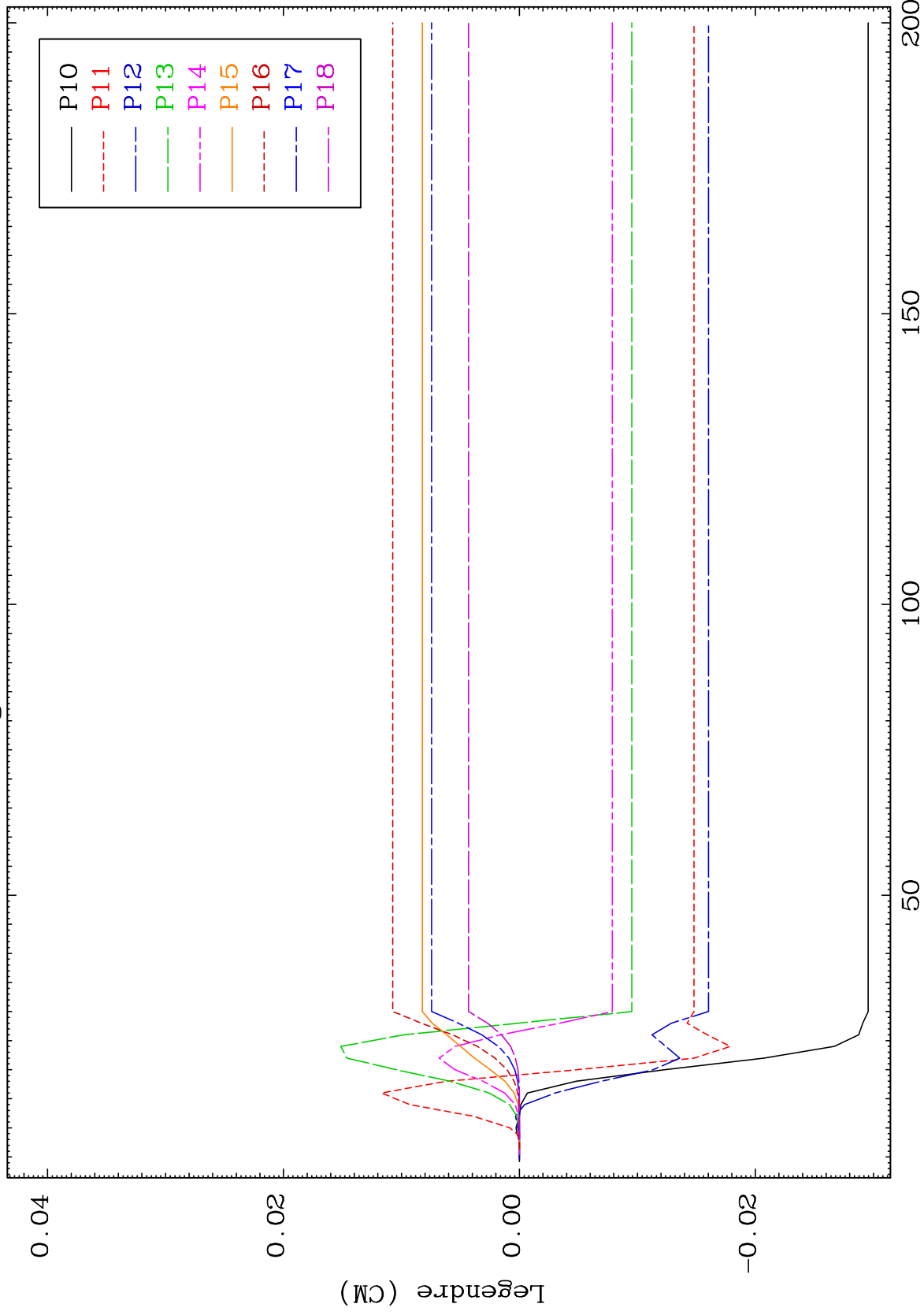
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



102

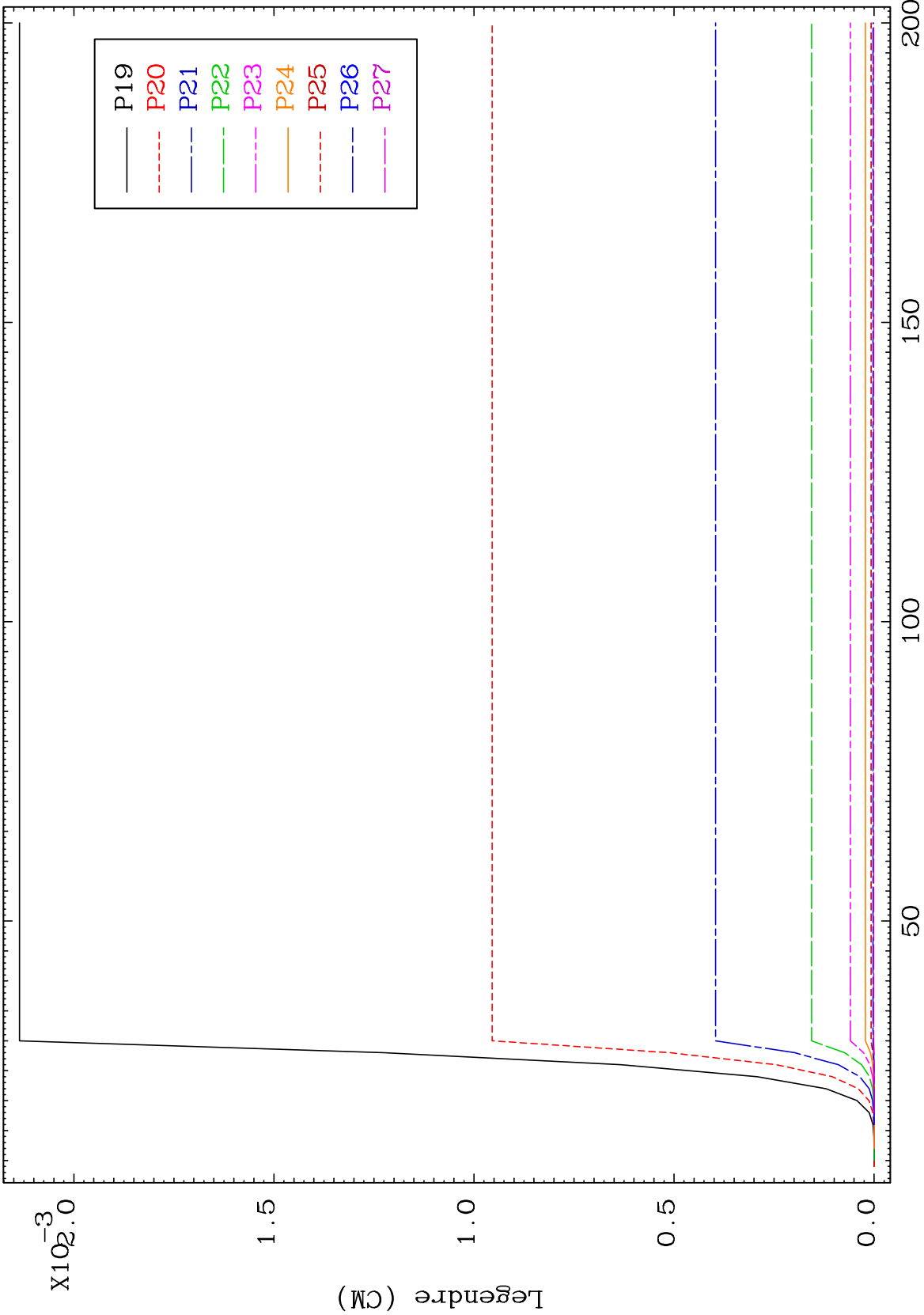
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



103

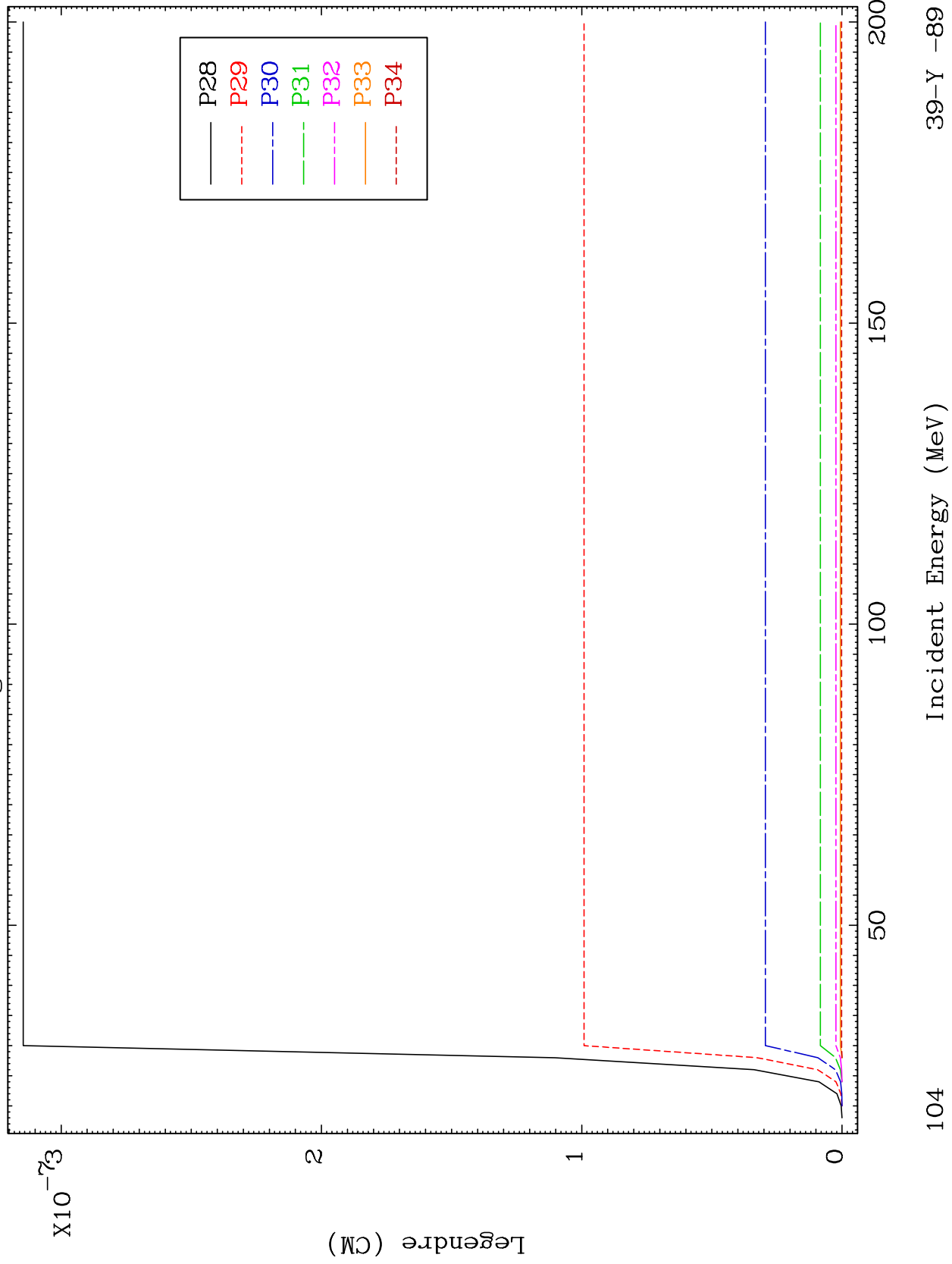
Incident Energy (MeV)

39-Y -89

MAT 3925

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

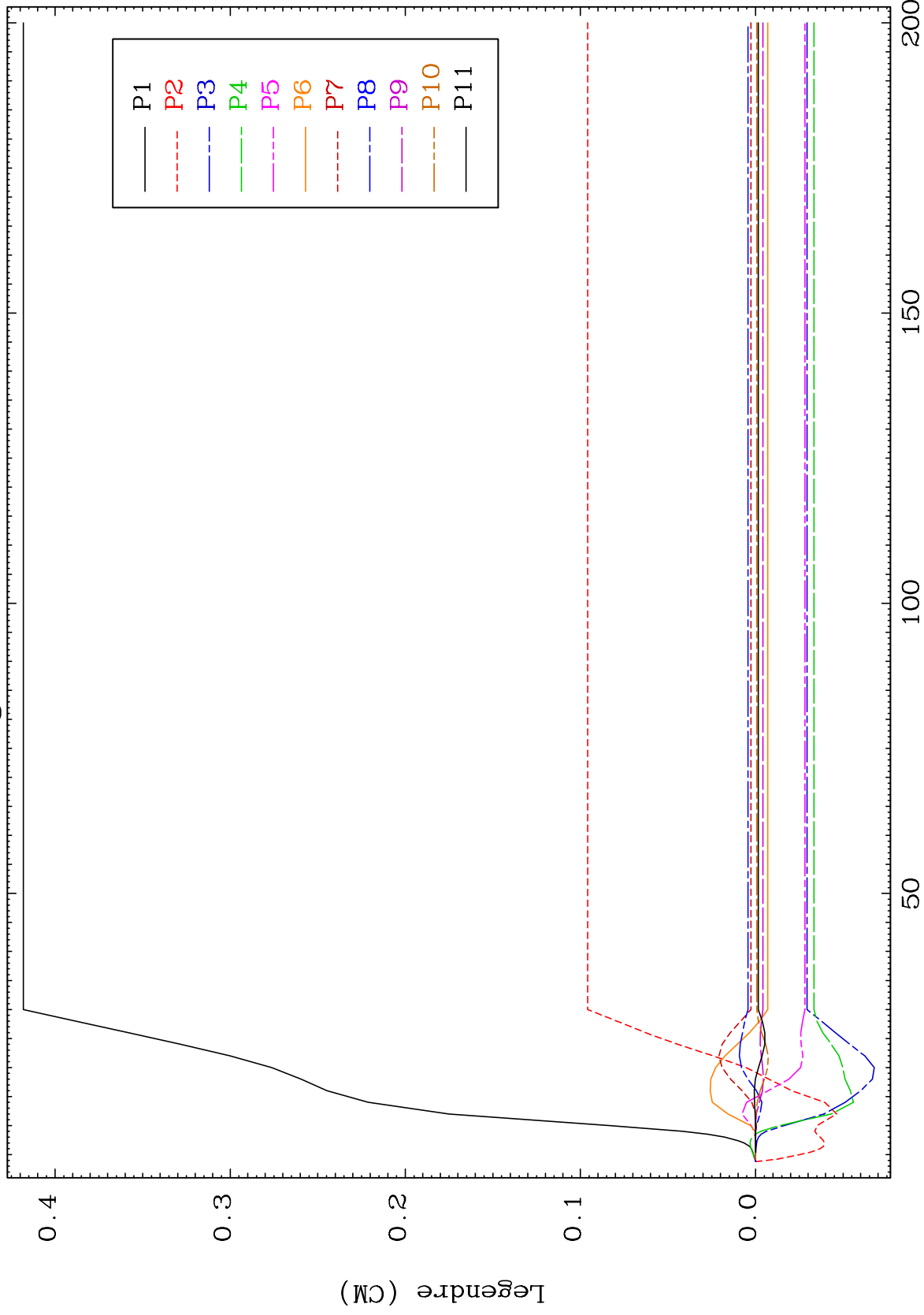
39-Y -89



MAT 3925

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

39-Y -89



105

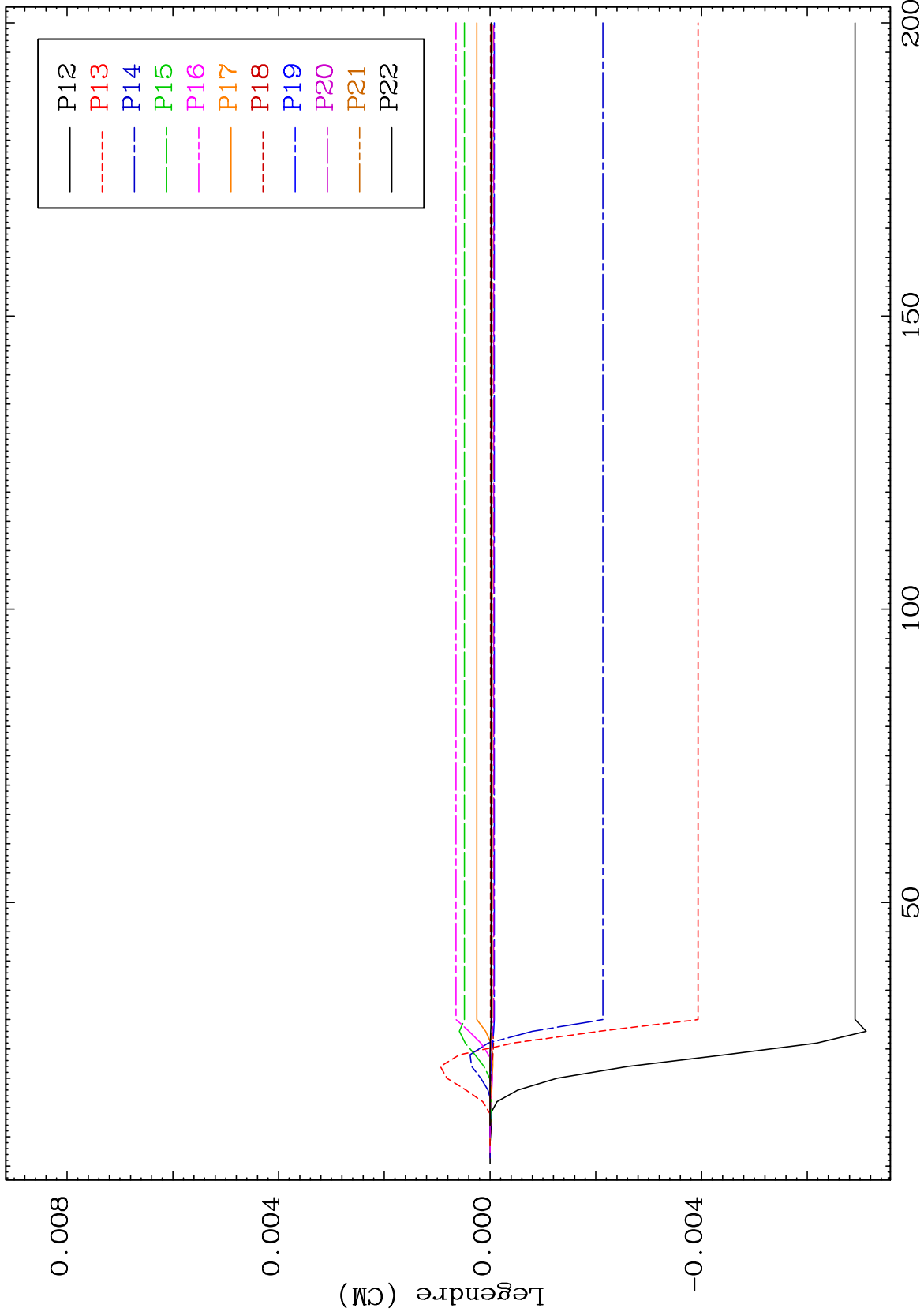
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



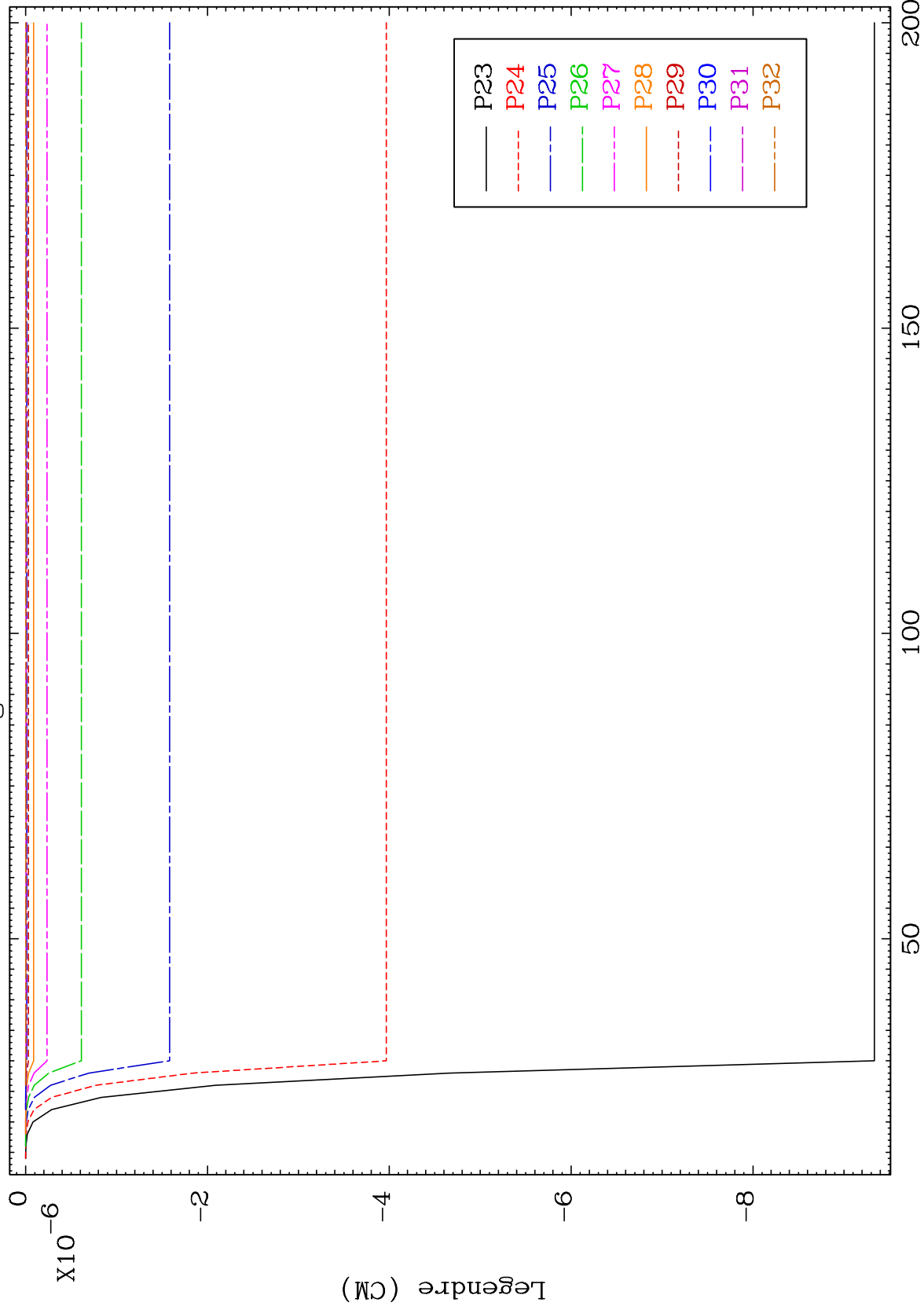
106

Incident Energy (MeV)

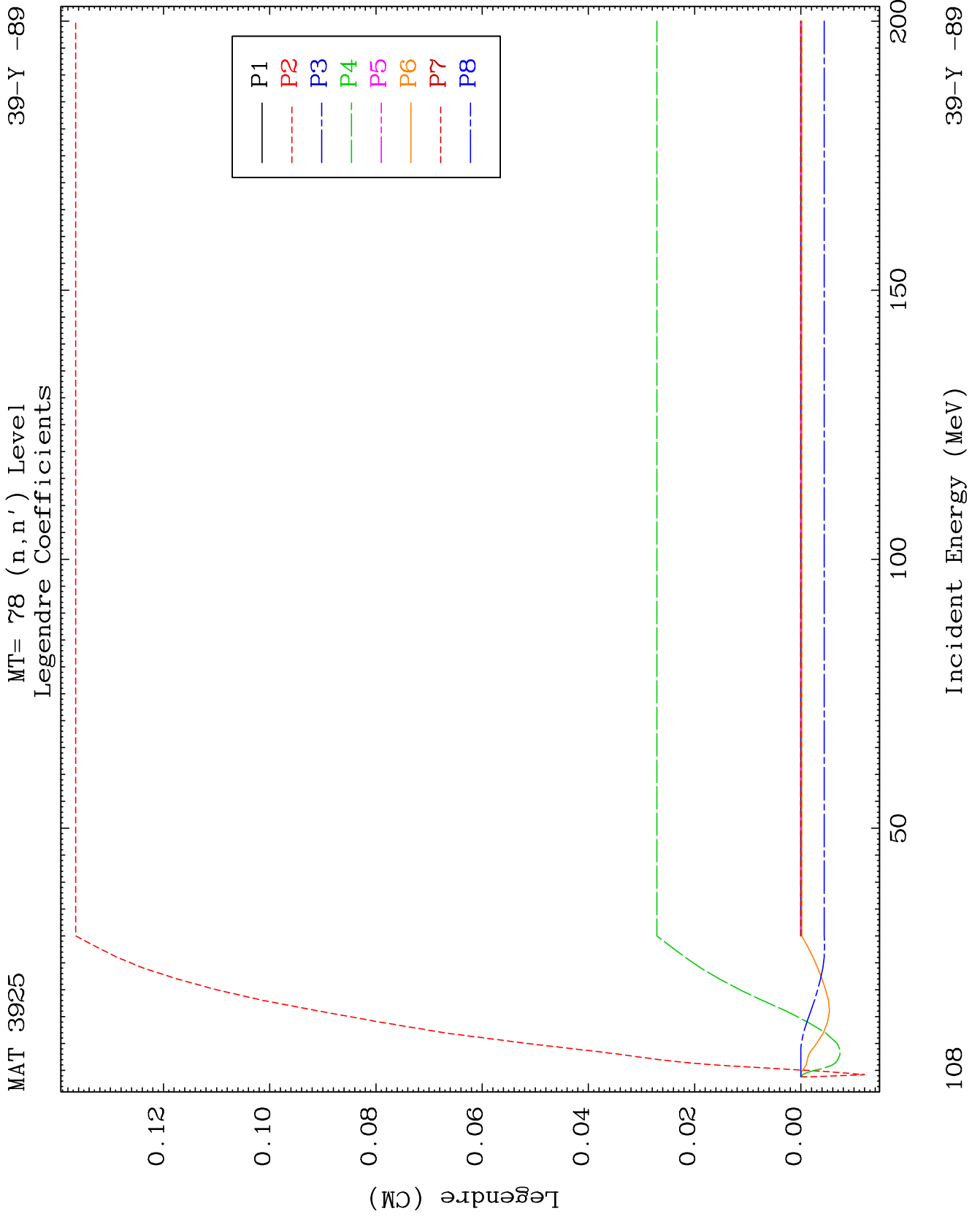
39-Y -89

MAT 3925 MT= 77 (n,n') Level 39-Y -89

Legendre Coefficients



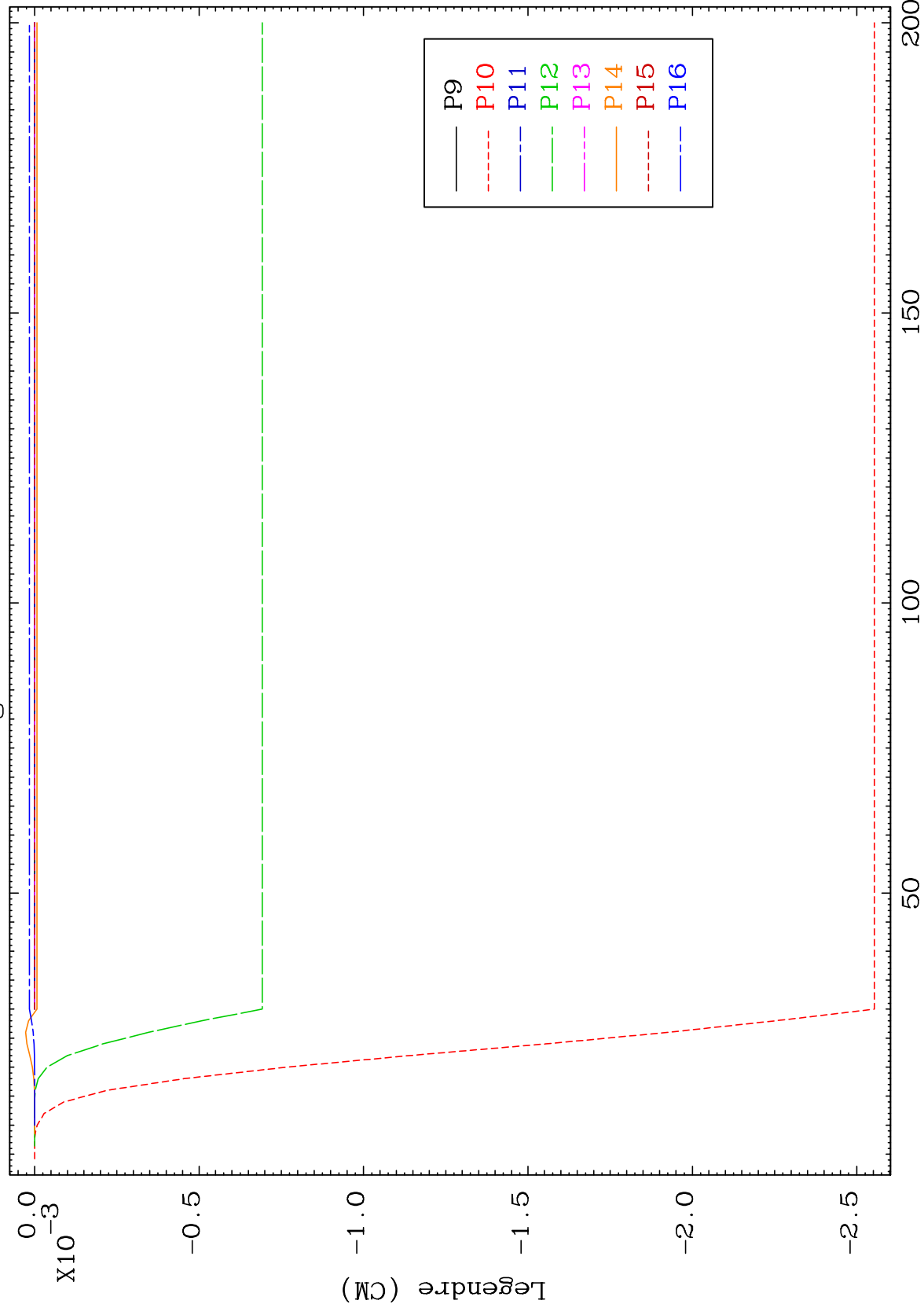
107 Incident Energy (MeV) 39-Y -89



MAT 3925

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

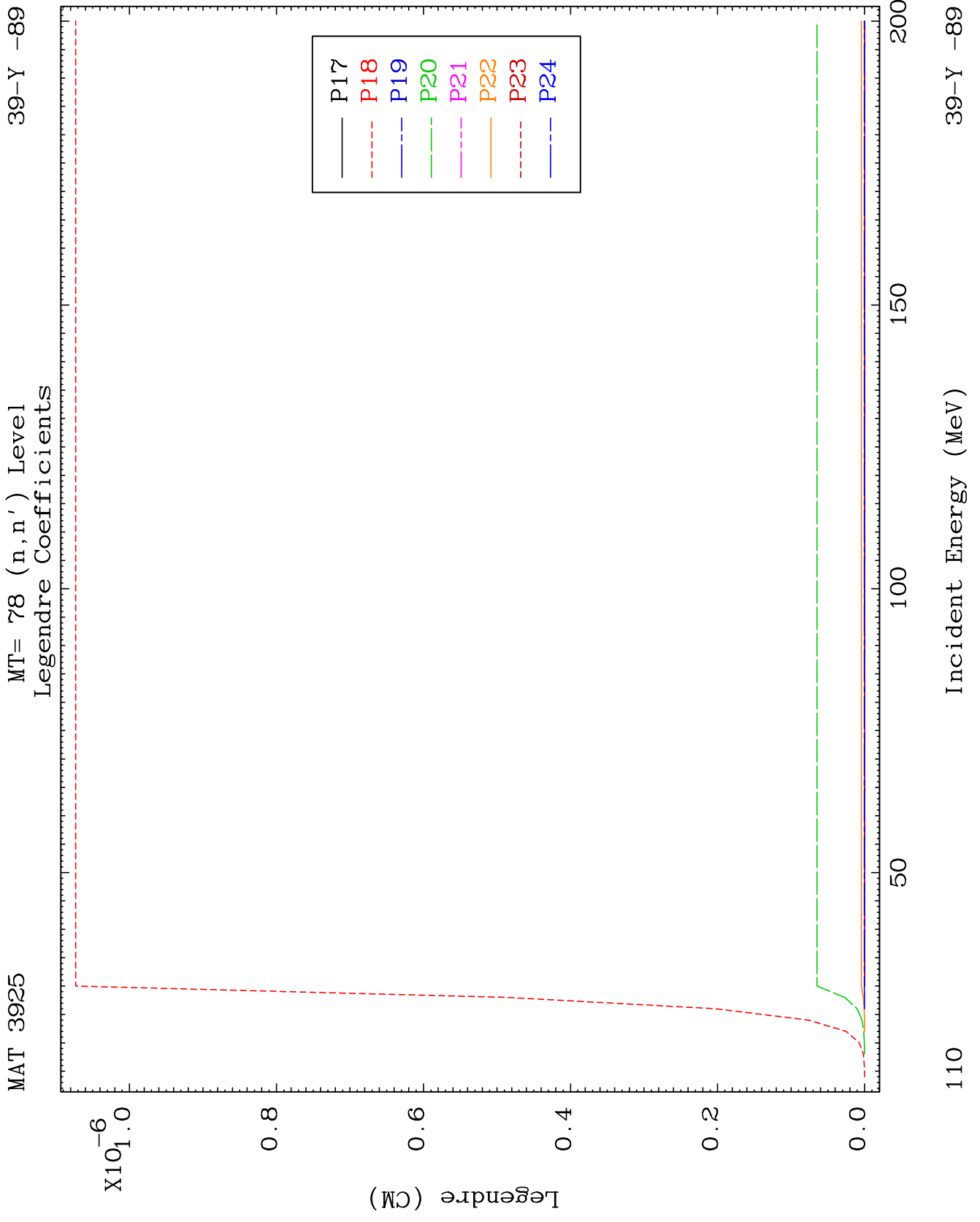
39-Y -89



109

Incident Energy (MeV)

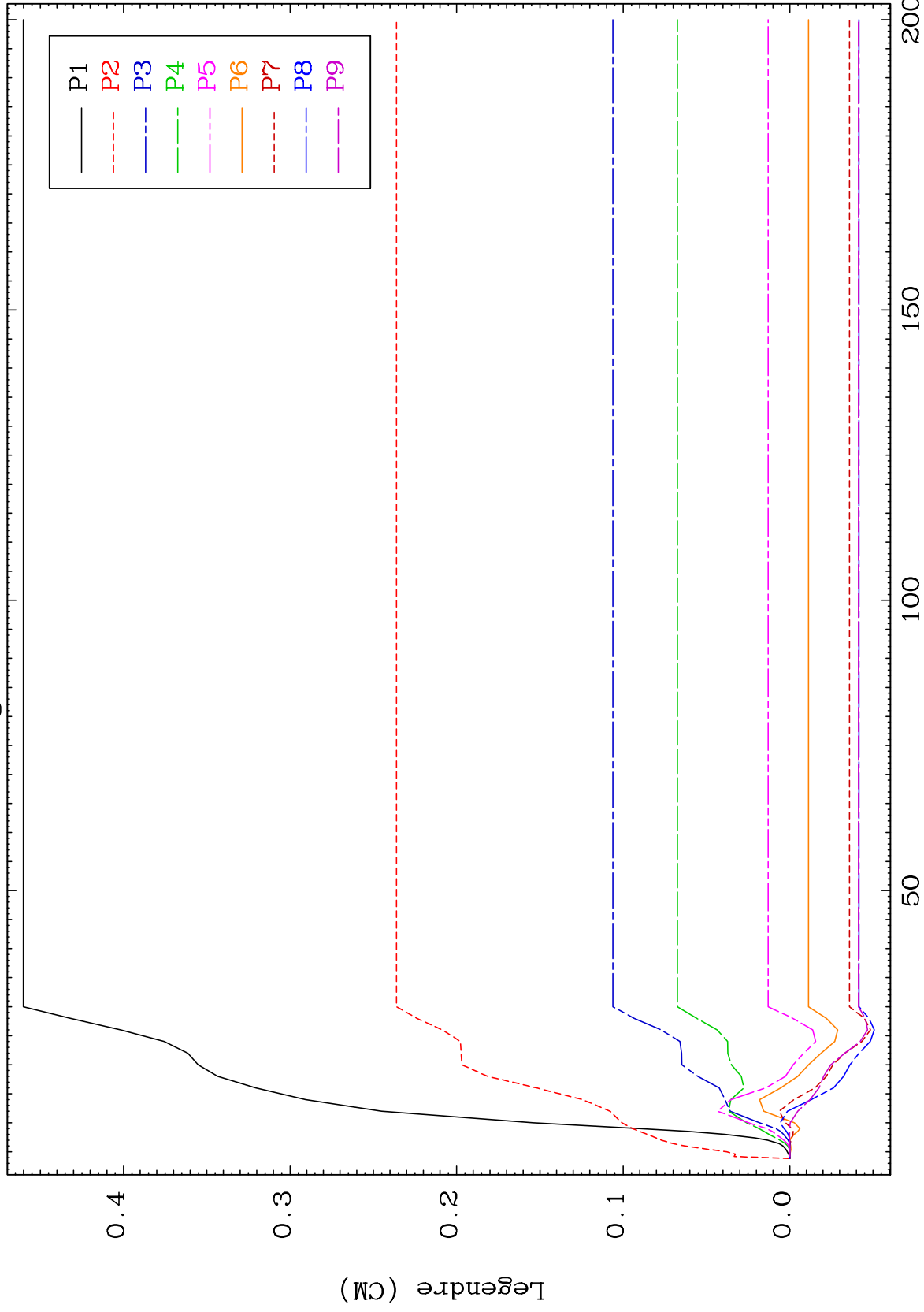
39-Y -89



MAT 3925

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

39-Y -89



111

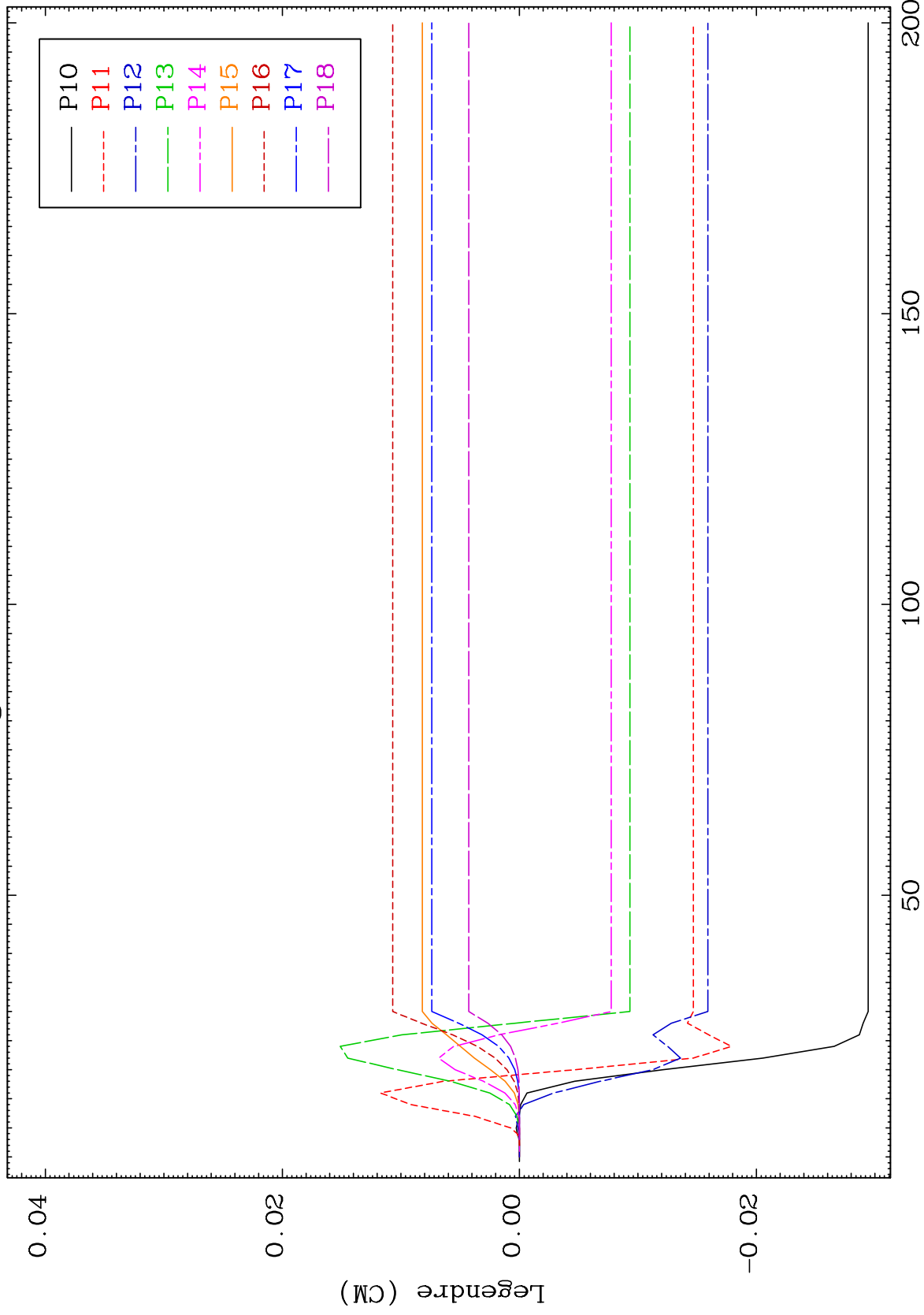
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



112

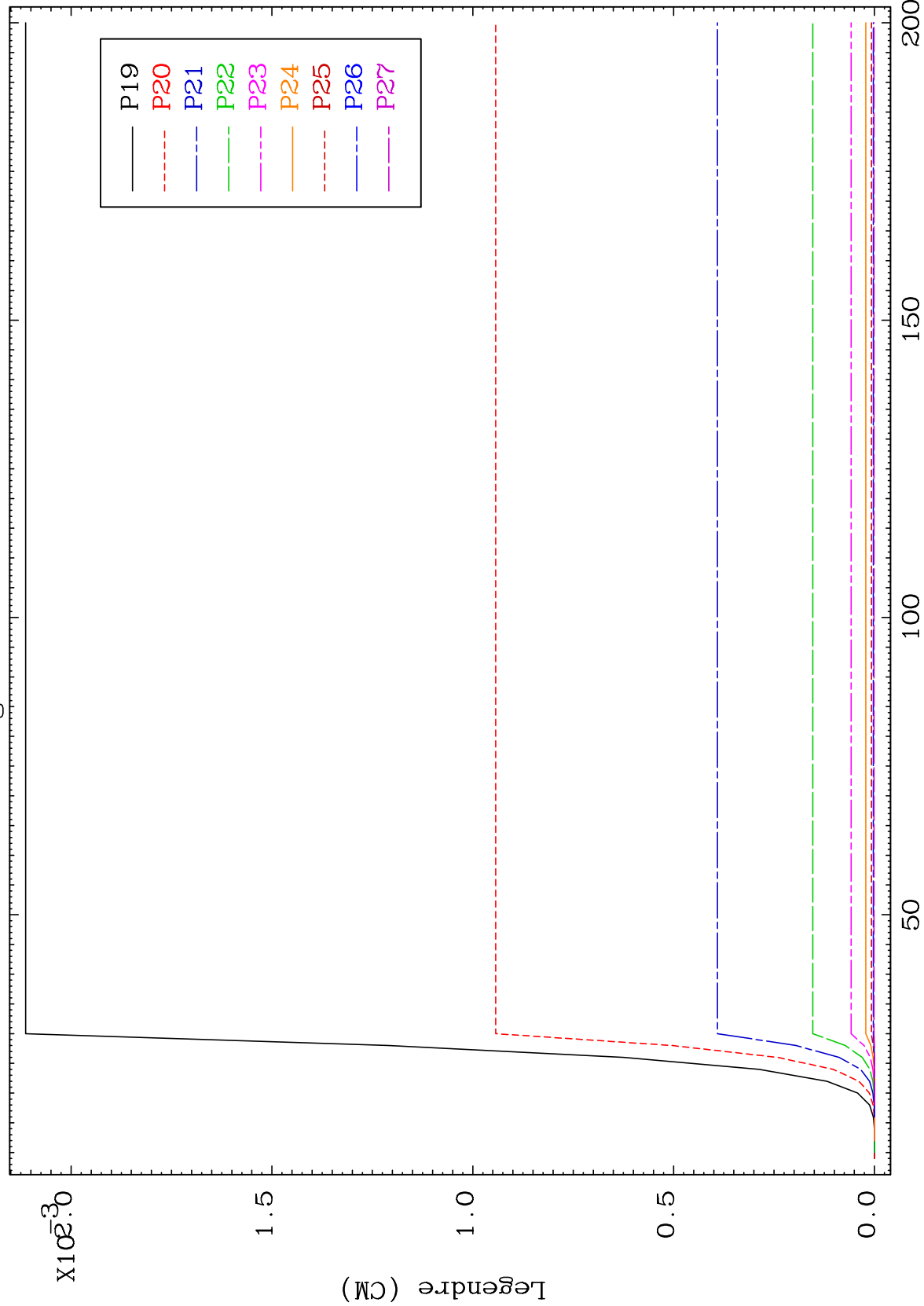
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



113

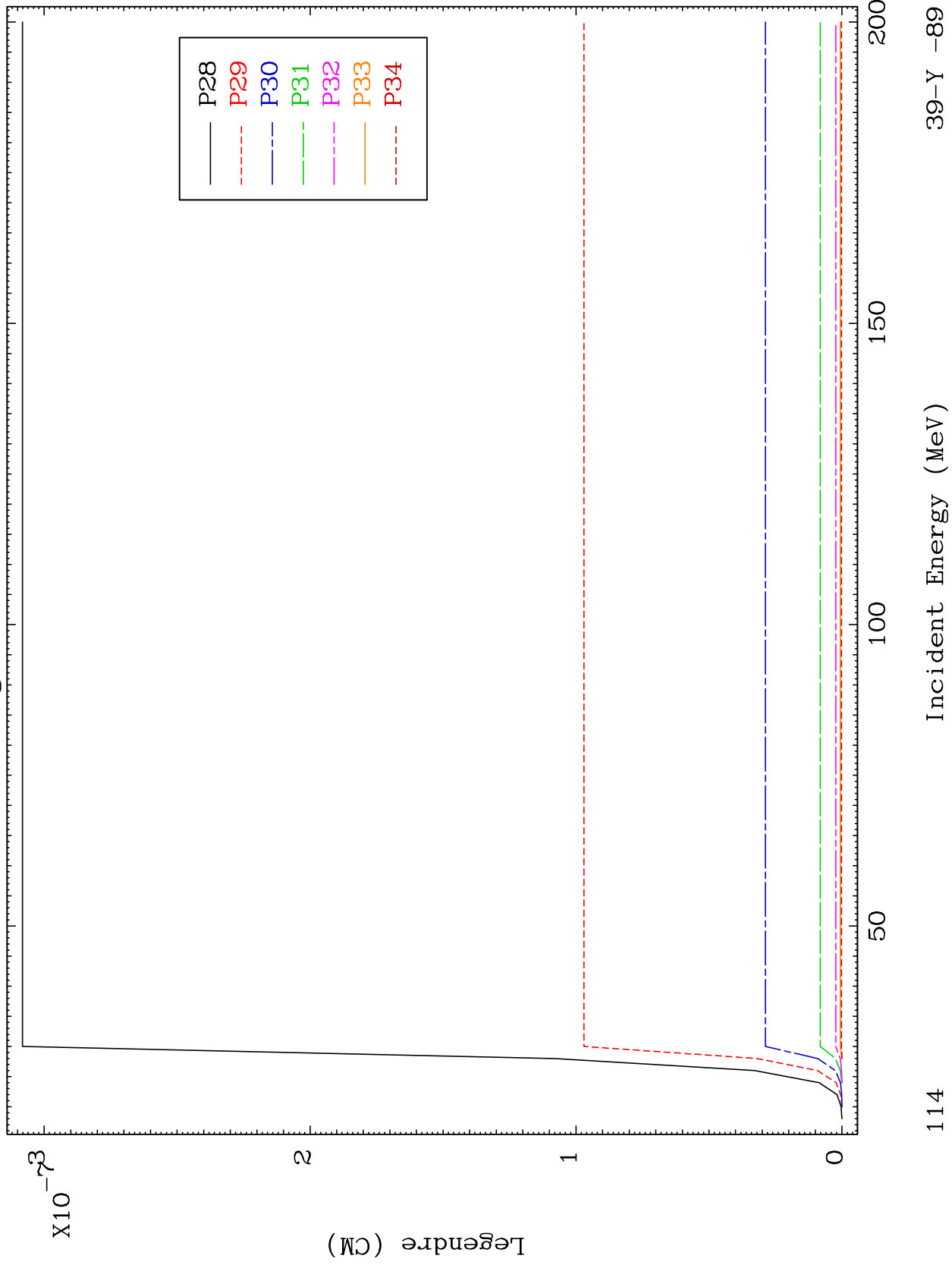
Incident Energy (MeV)

39-Y -89

MAT 3925

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

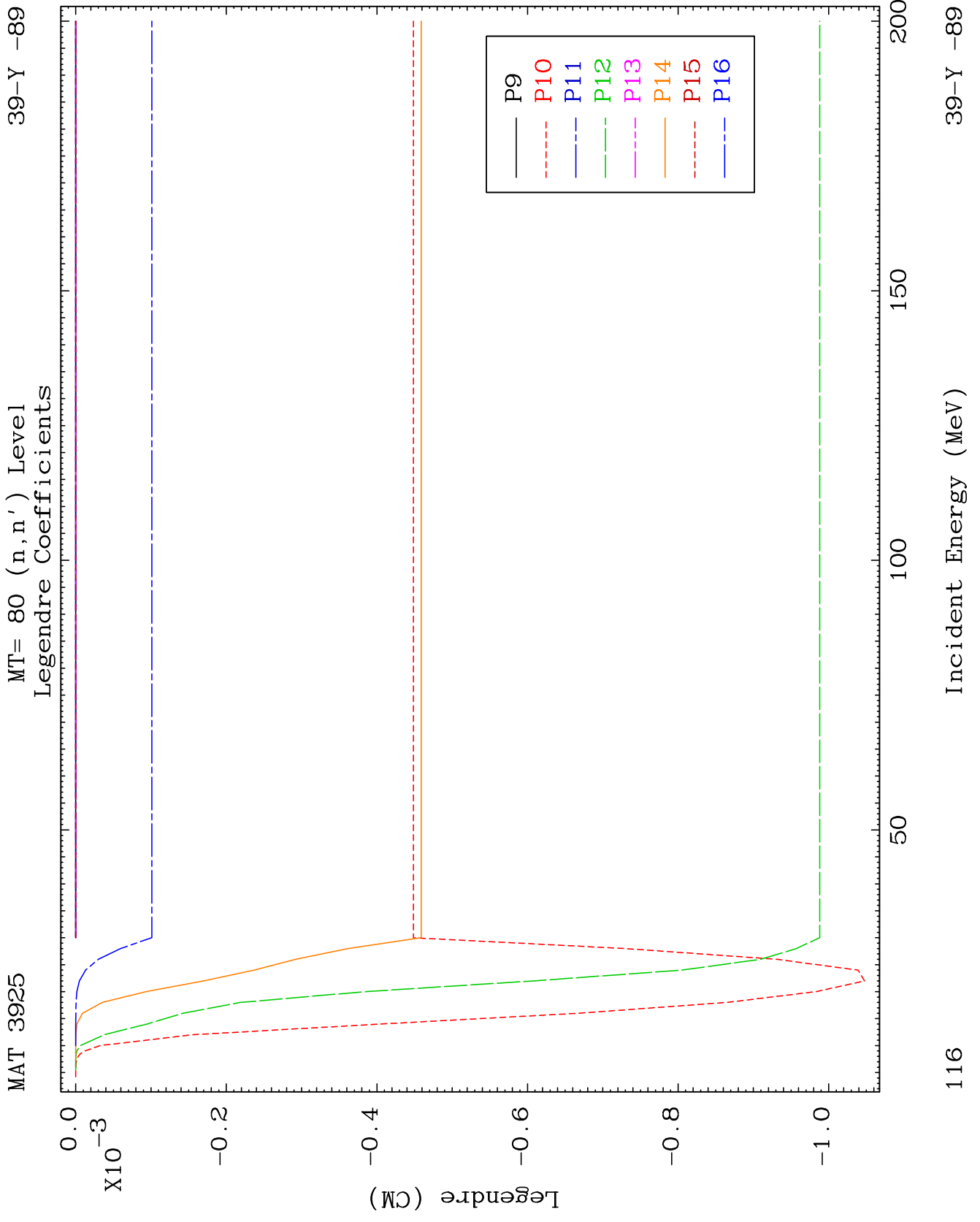
39-Y -89

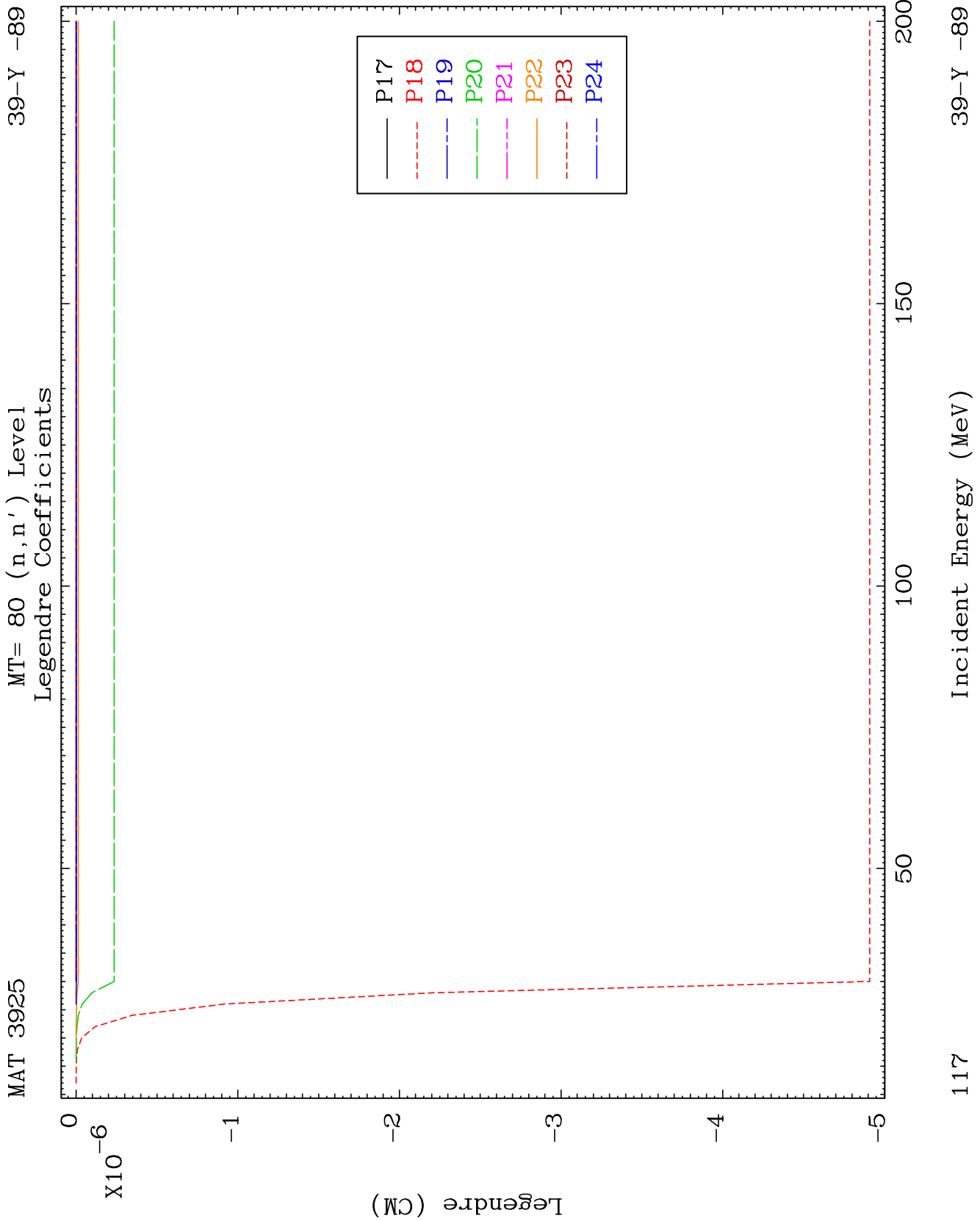


114

Incident Energy (MeV)

39-Y -89





MAT 3925

39-Y -89

Inelastic
Radionuclide Production Cross Section

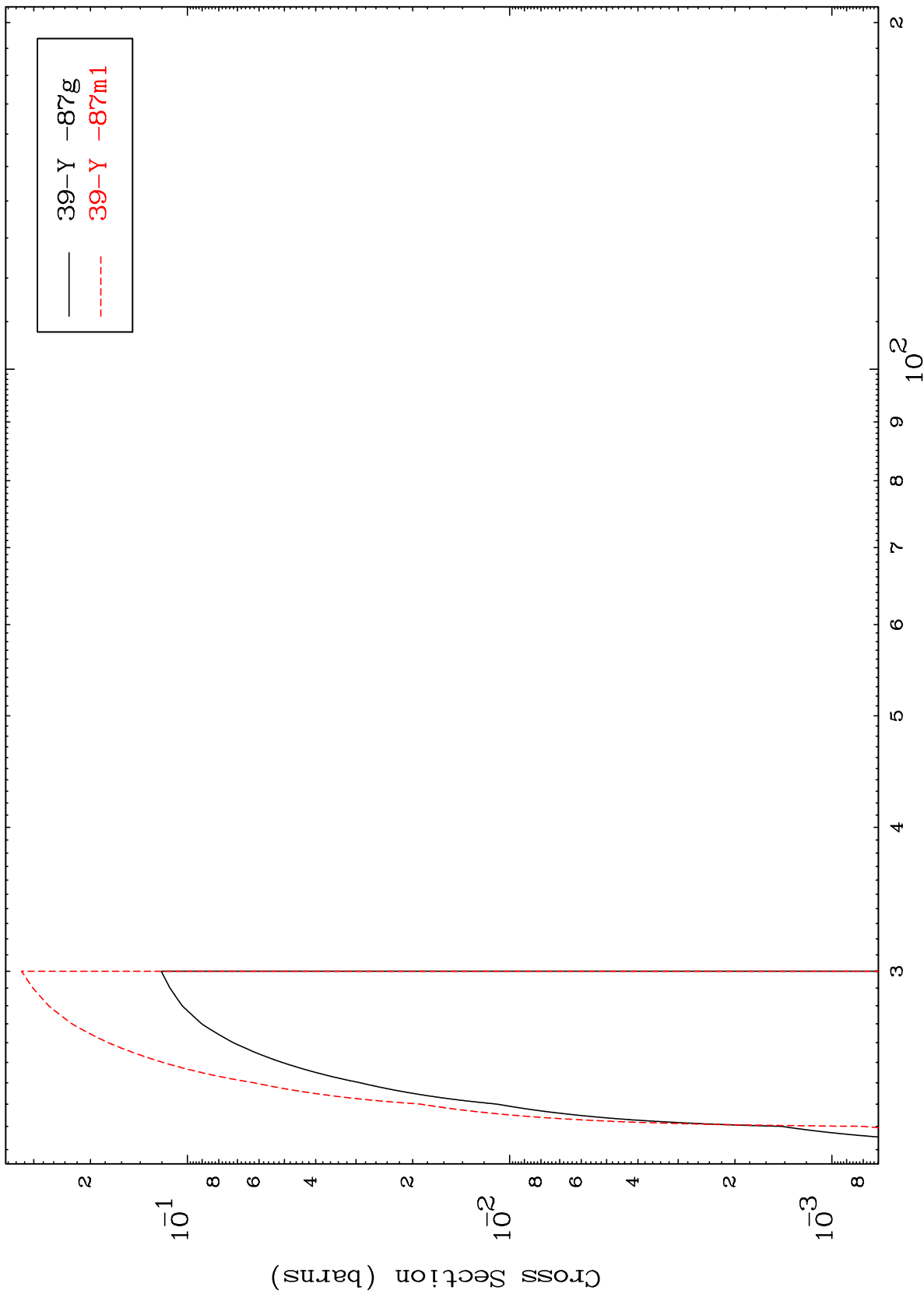


39-Y -89

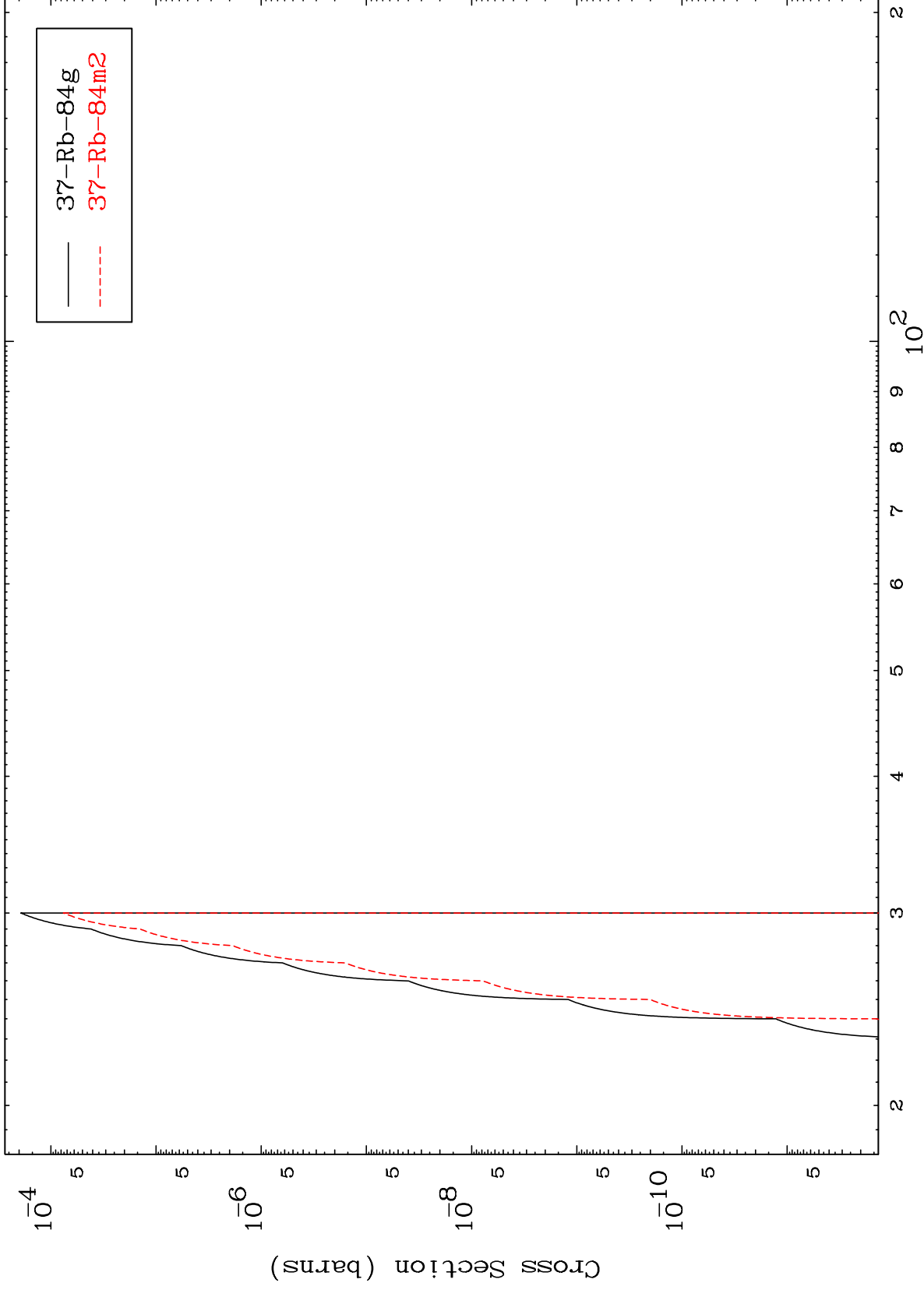
Incident Energy (MeV)

118

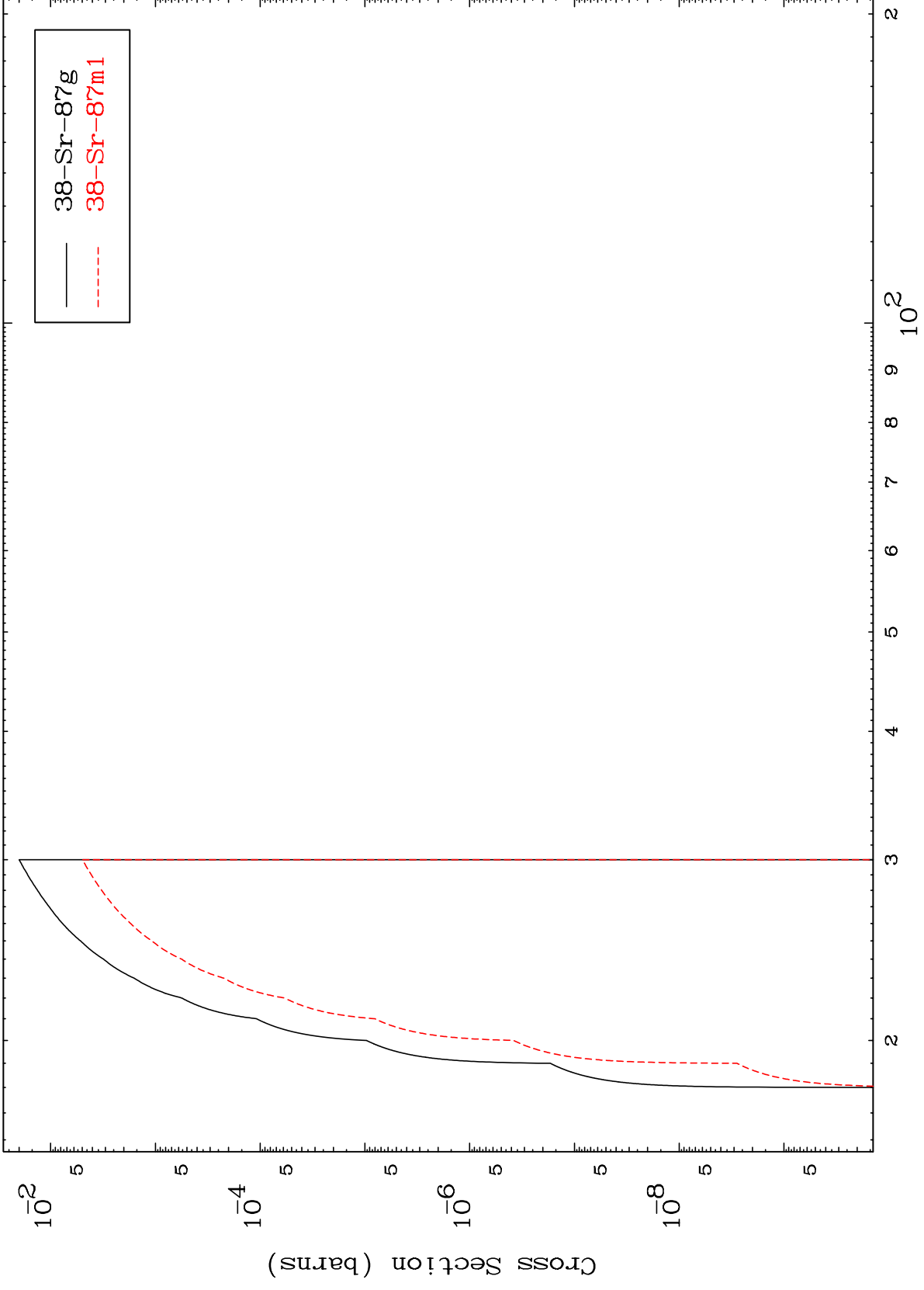
(n,3n)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

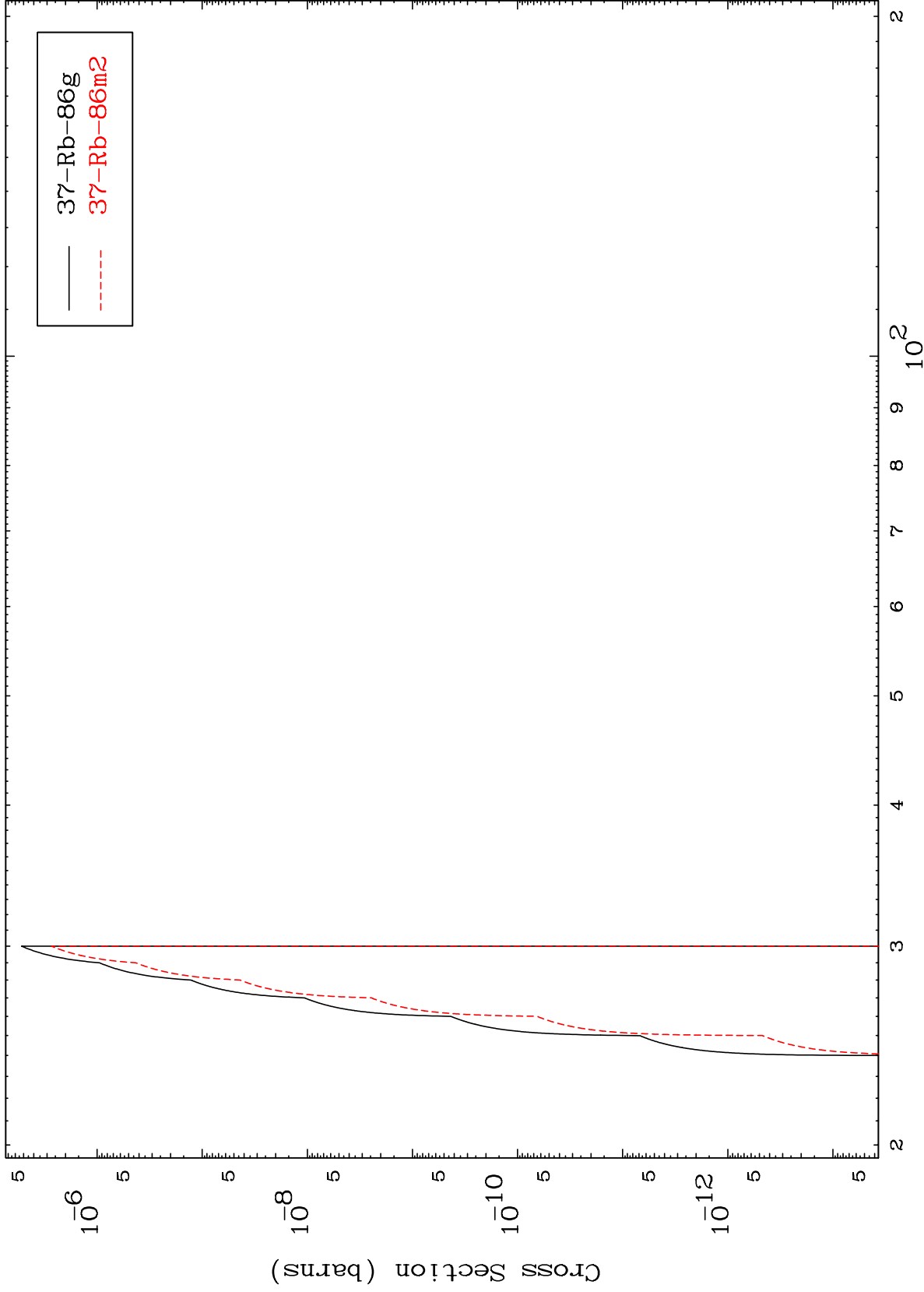


Radionuclide Production Cross Section

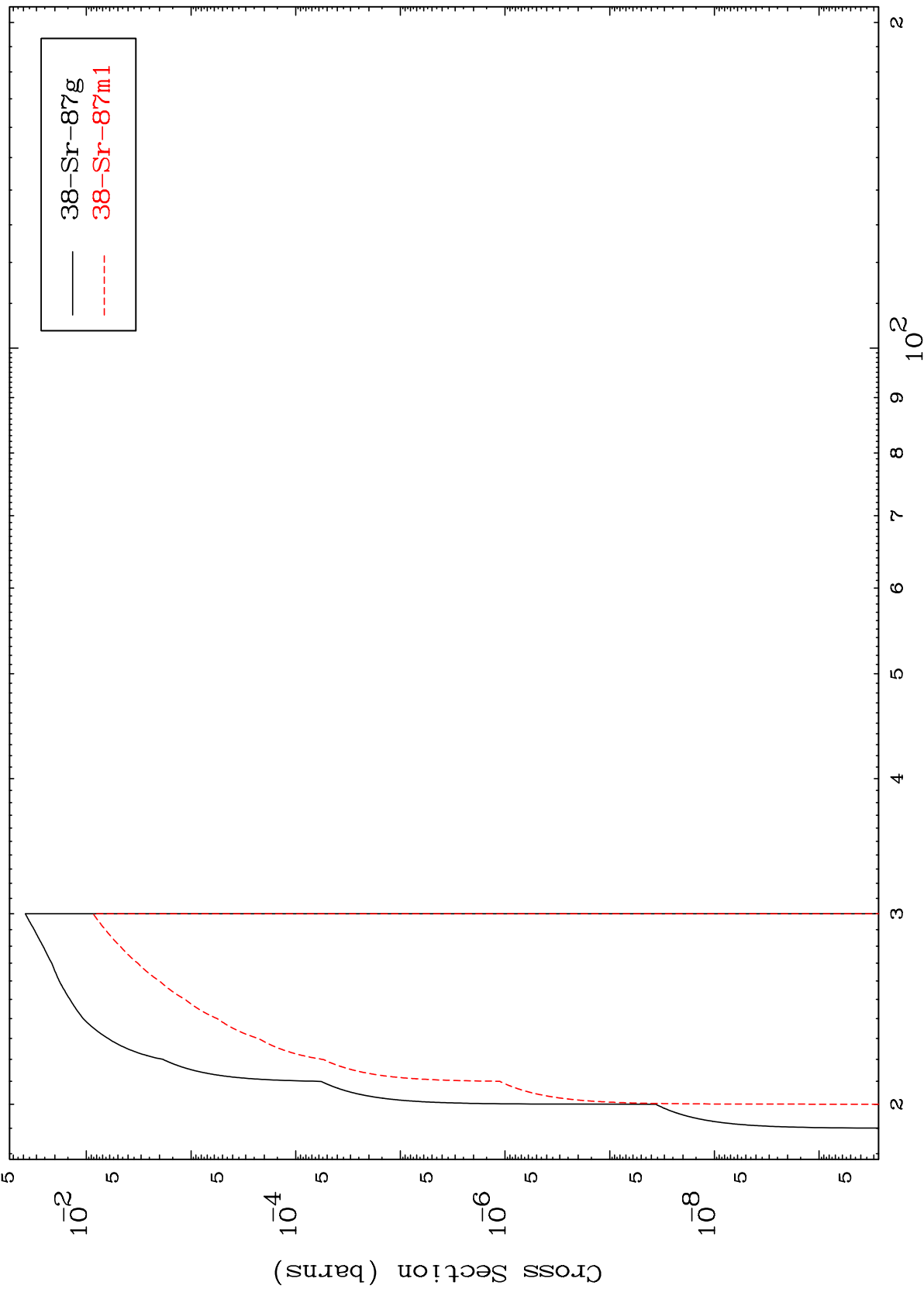


38-Sr-87g
38-Sr-87m1

Radionuclide Production Cross Section

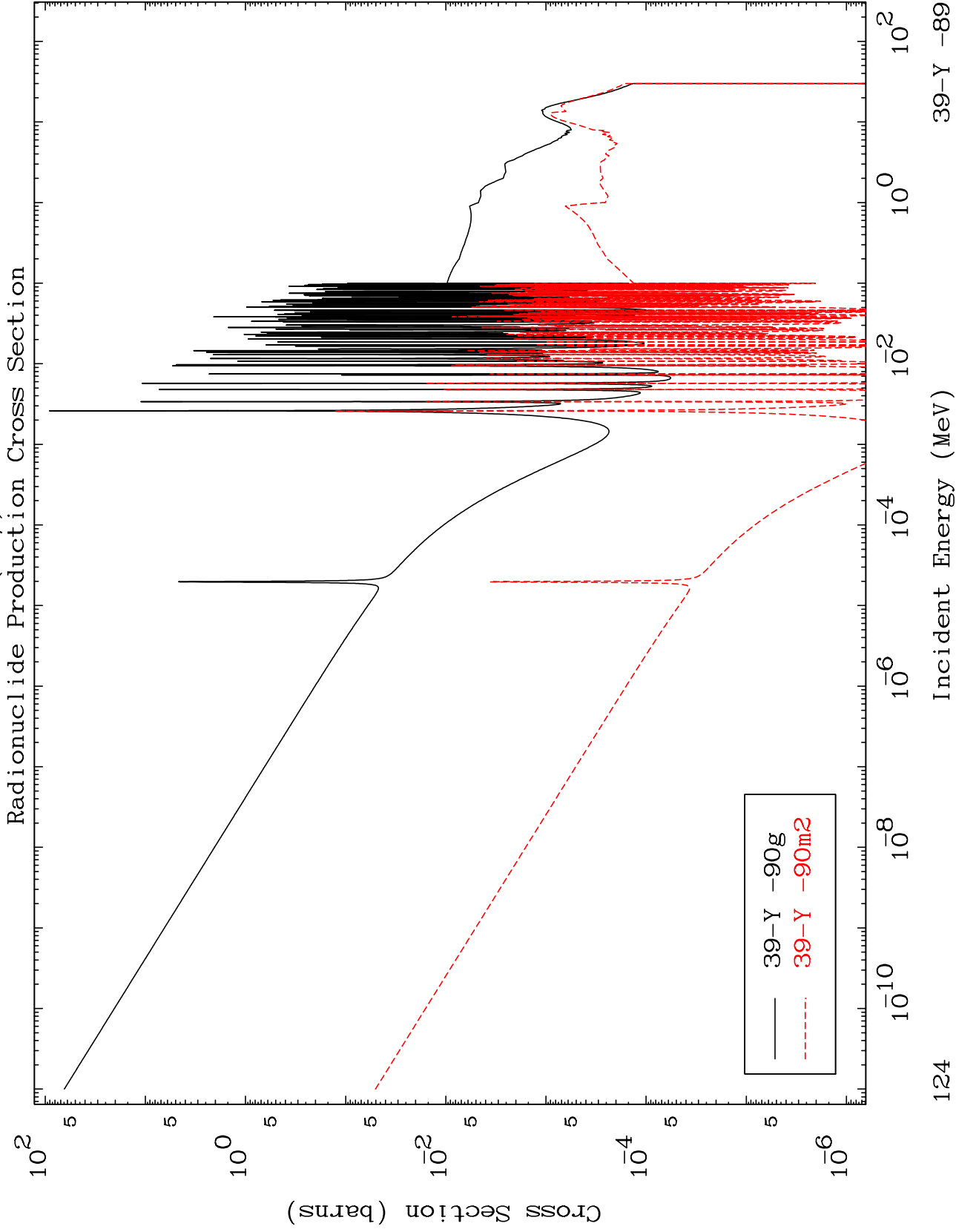


Radionuclide Production Cross Section



MAT 3925

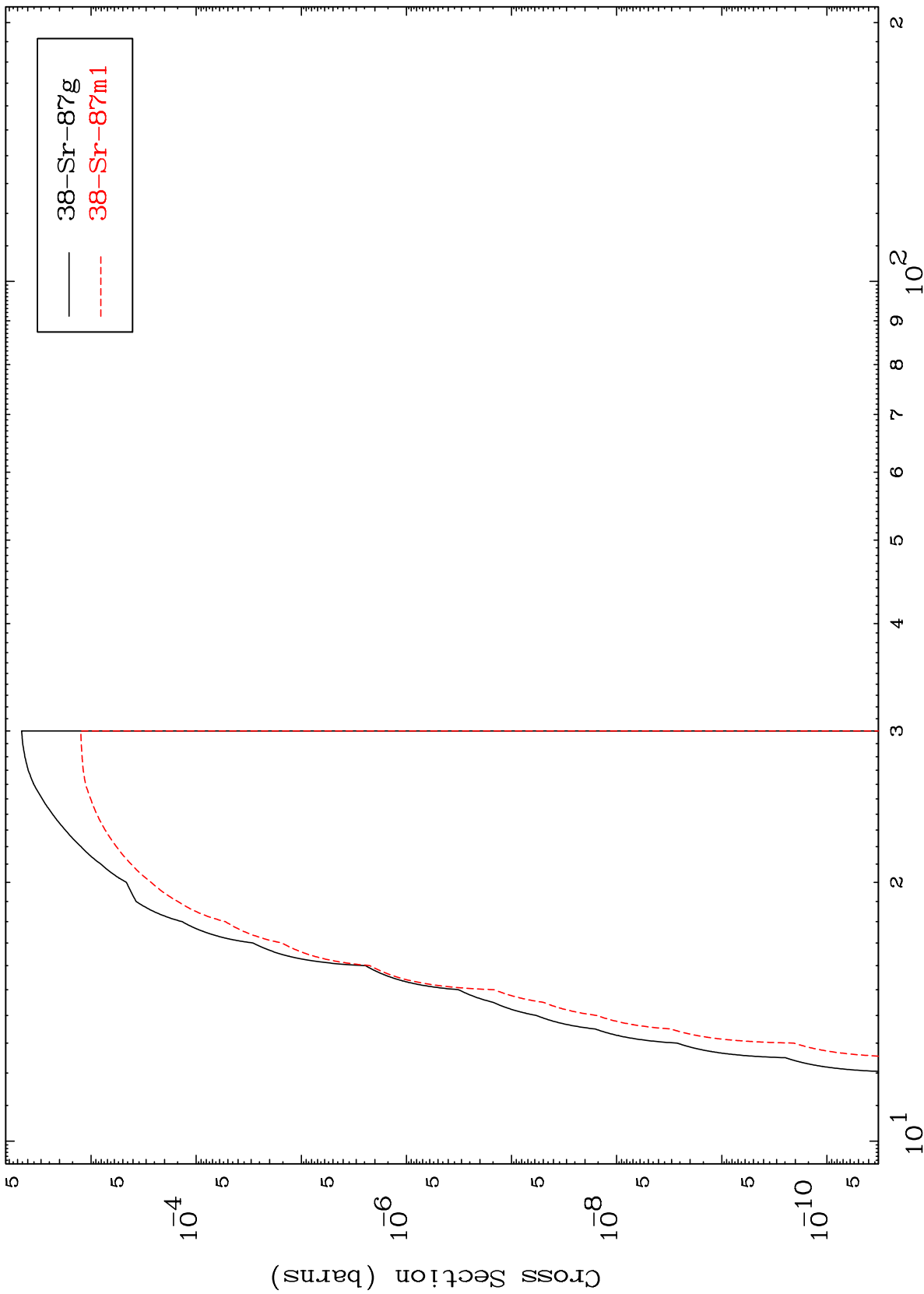
39-Y -89



MAT 3925

39-Y -89

(n,t)
Radionuclide Production Cross Section

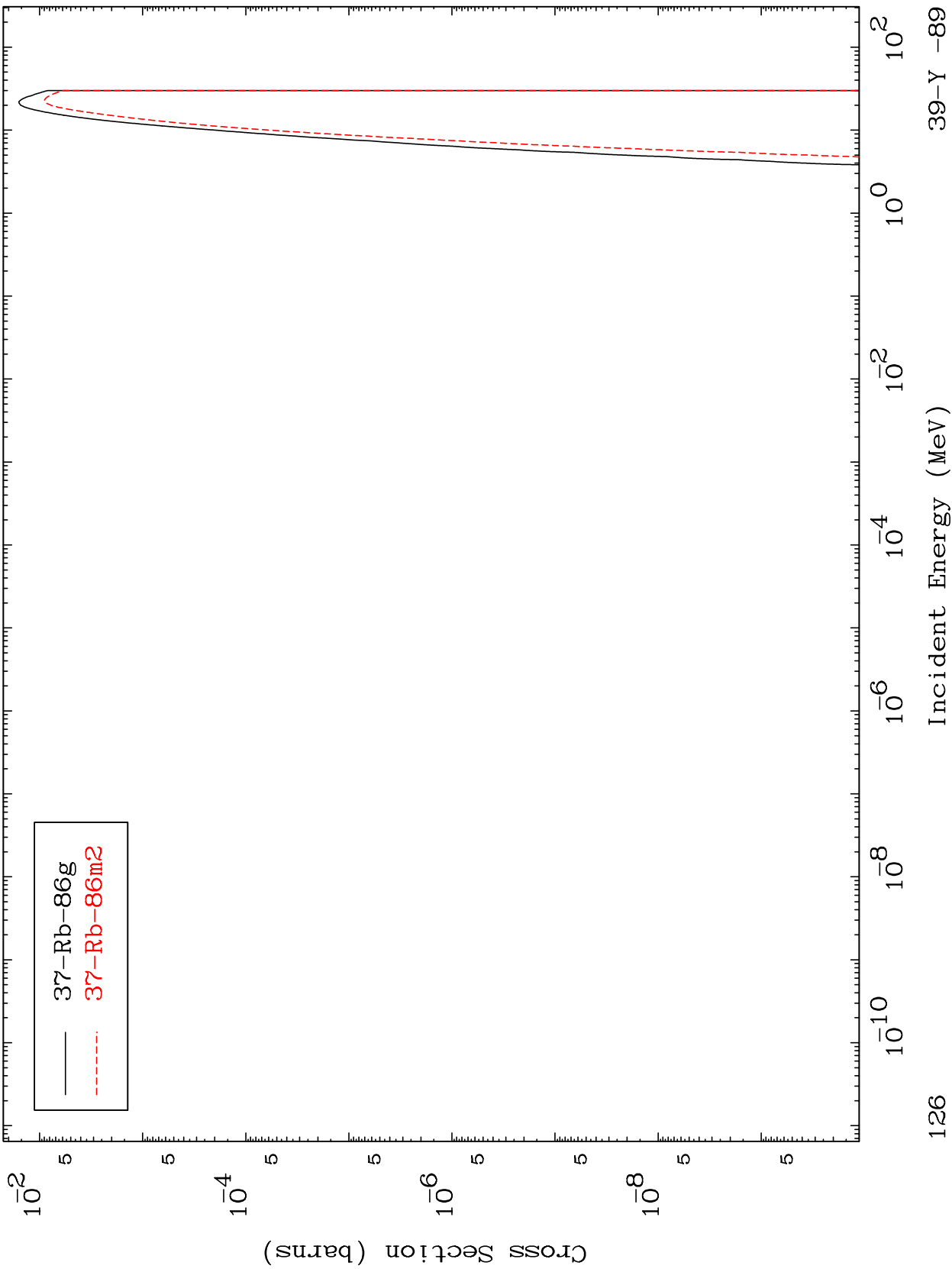


39-Y -89

Incident Energy (MeV)

125

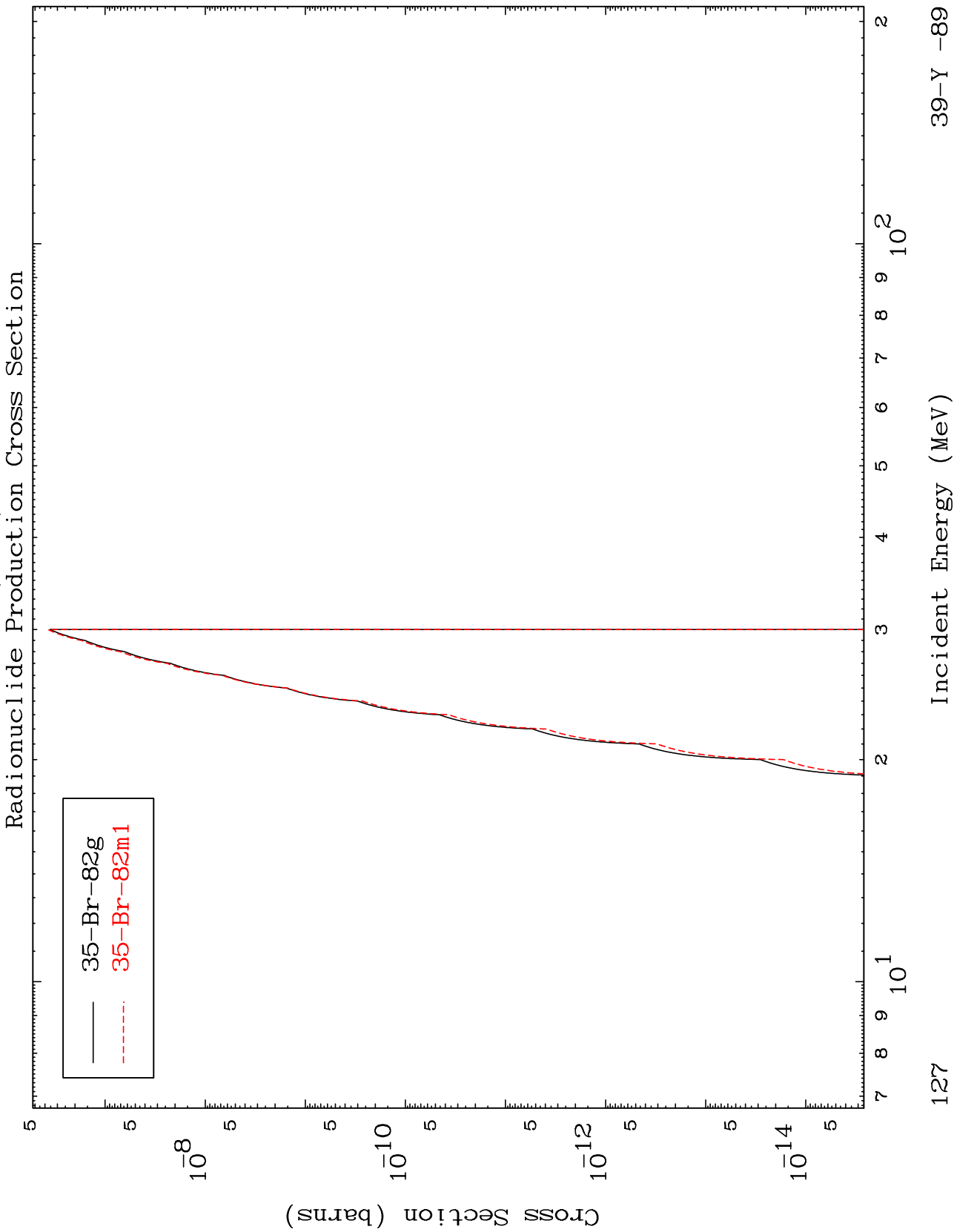
Radionuclide Production Cross Section (n,α)



— 37-Rb-86g
- - - 37-Rb-86m2

MAT 3925

39-Y -89



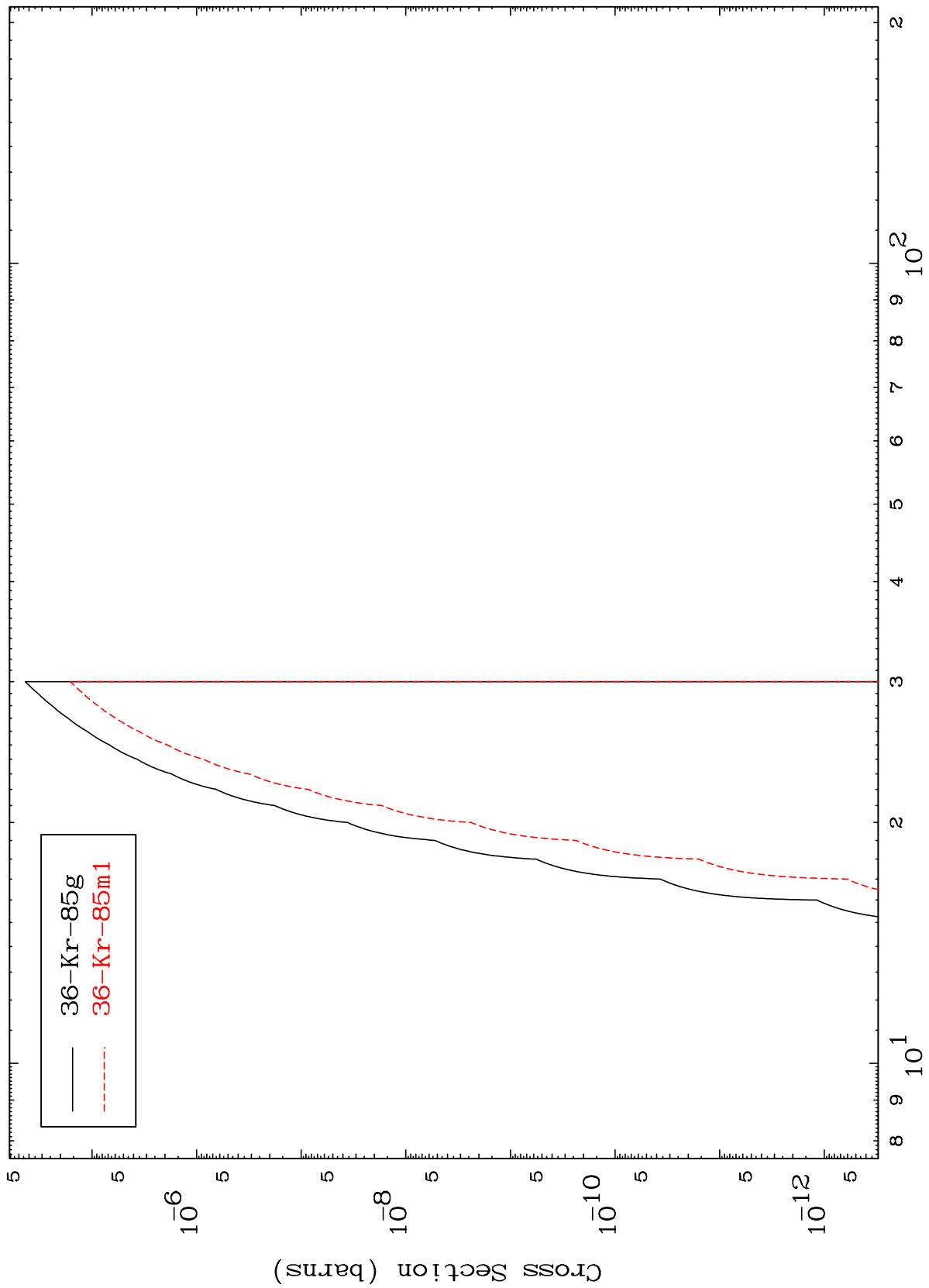
127

MAT 3925

(n,p) α

39-Y -89

Radionuclide Production Cross Section



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

128

Incident Energy (MeV)

39-Y -89

Radionuclide Production Cross Section

