

Program EVALPLOT  
(Version 2021-1)

by

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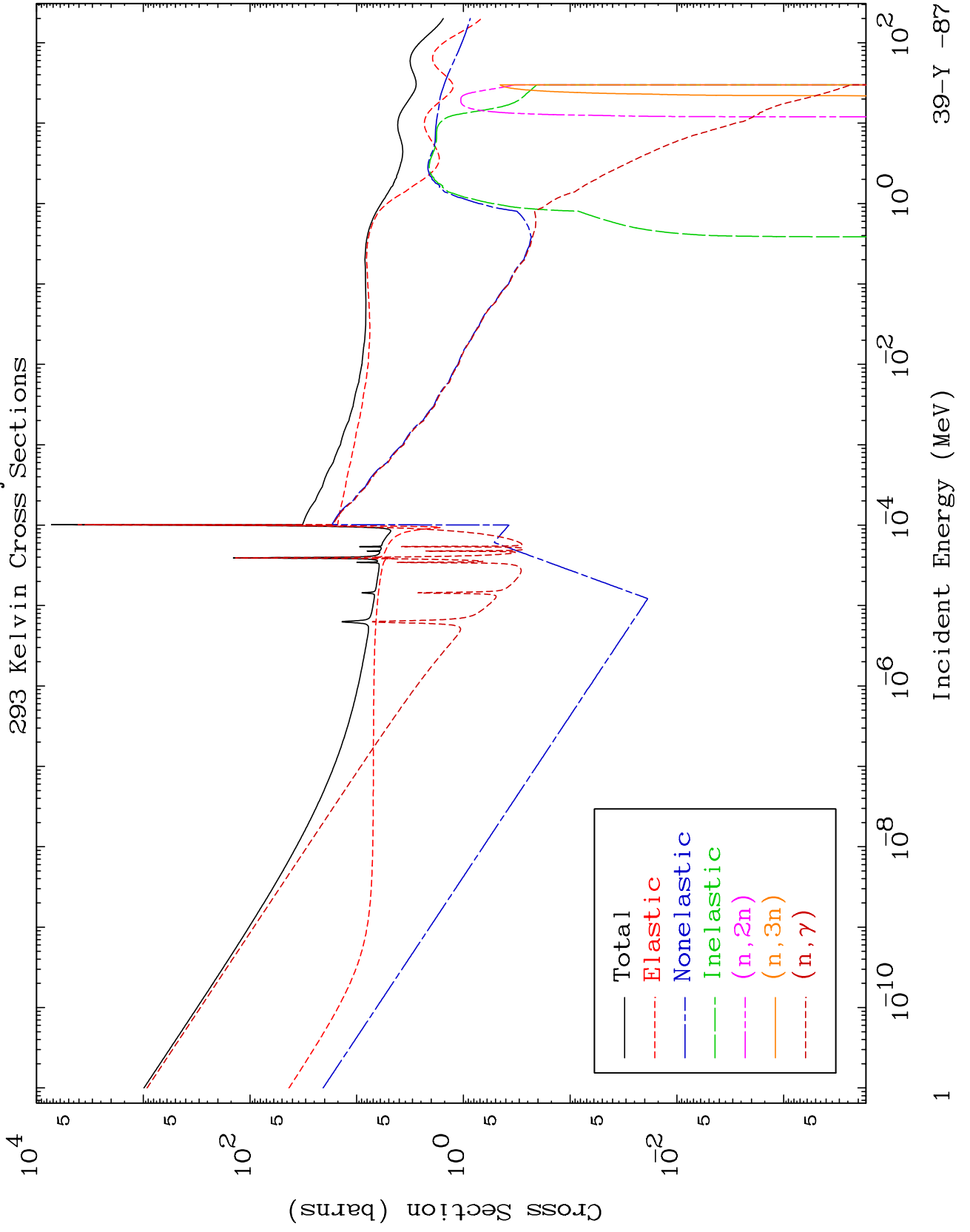
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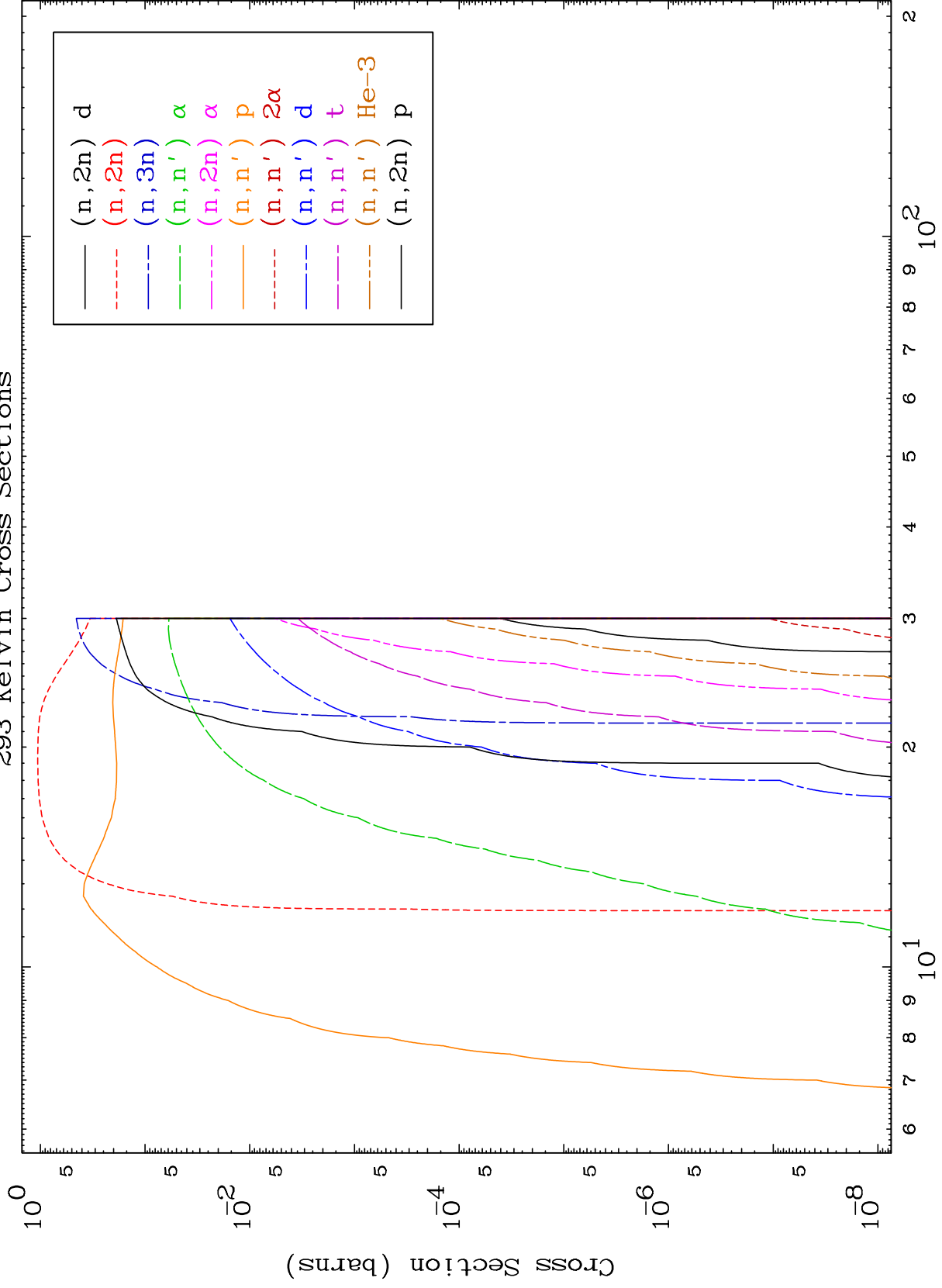
Press Mouse Button to Start

MAT 3919

Neutron Major  
293 Kelvin Cross Sections

39-Y -87

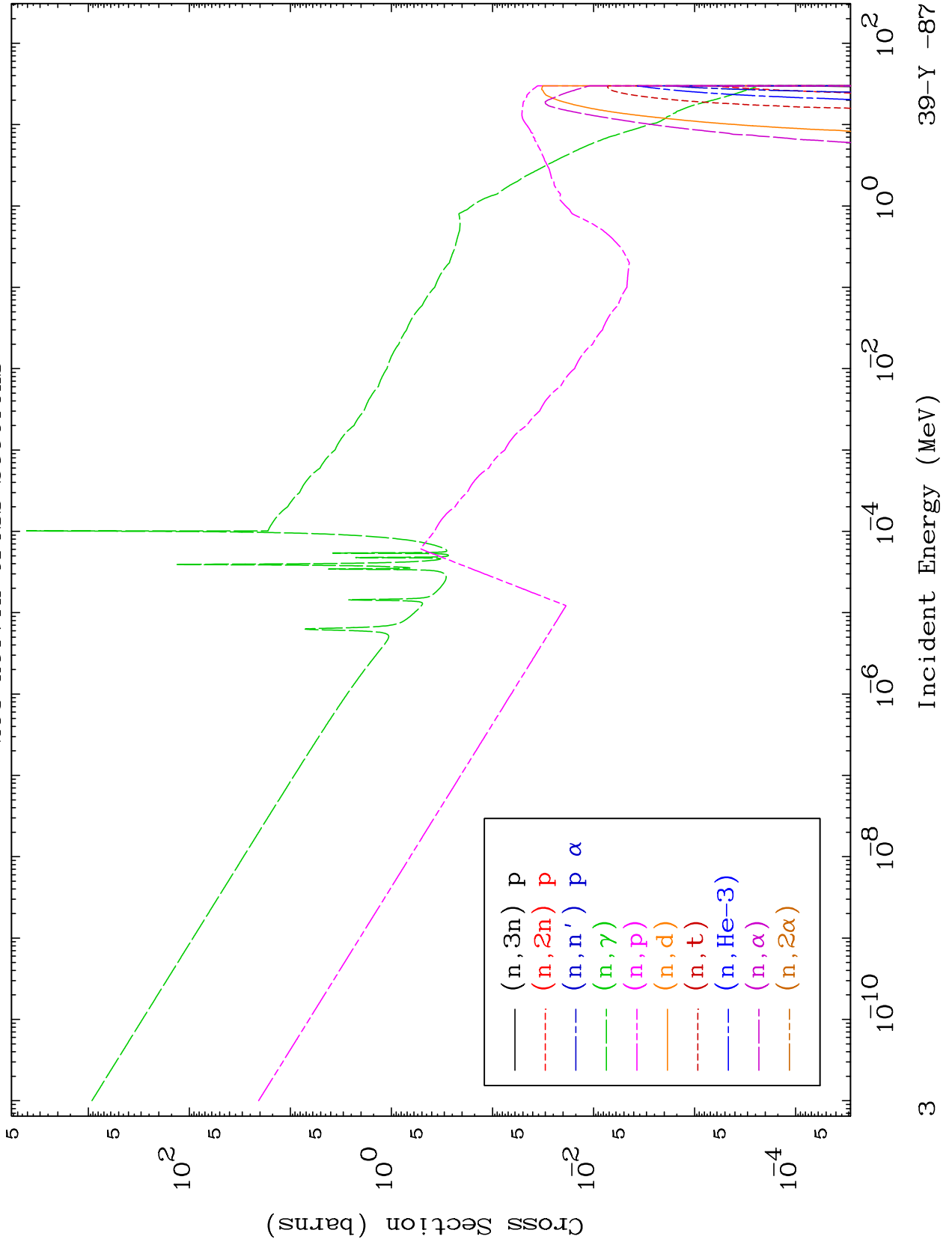




MAT 3919

Neutron Absorption  
293 Kelvin Cross Sections

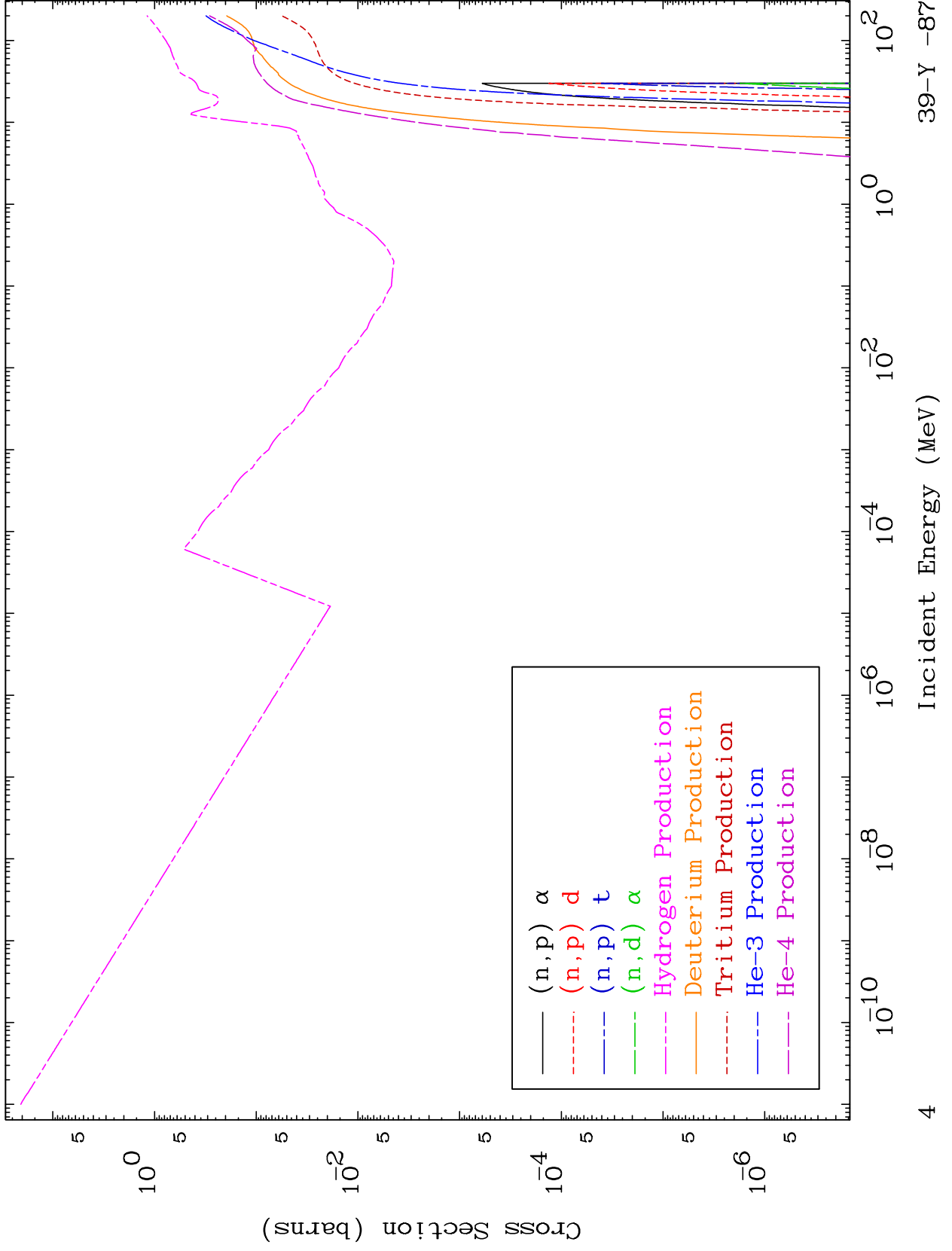
39-Y -87



MAT 3919

Neutron Absorption  
293 Kelvin Cross Sections

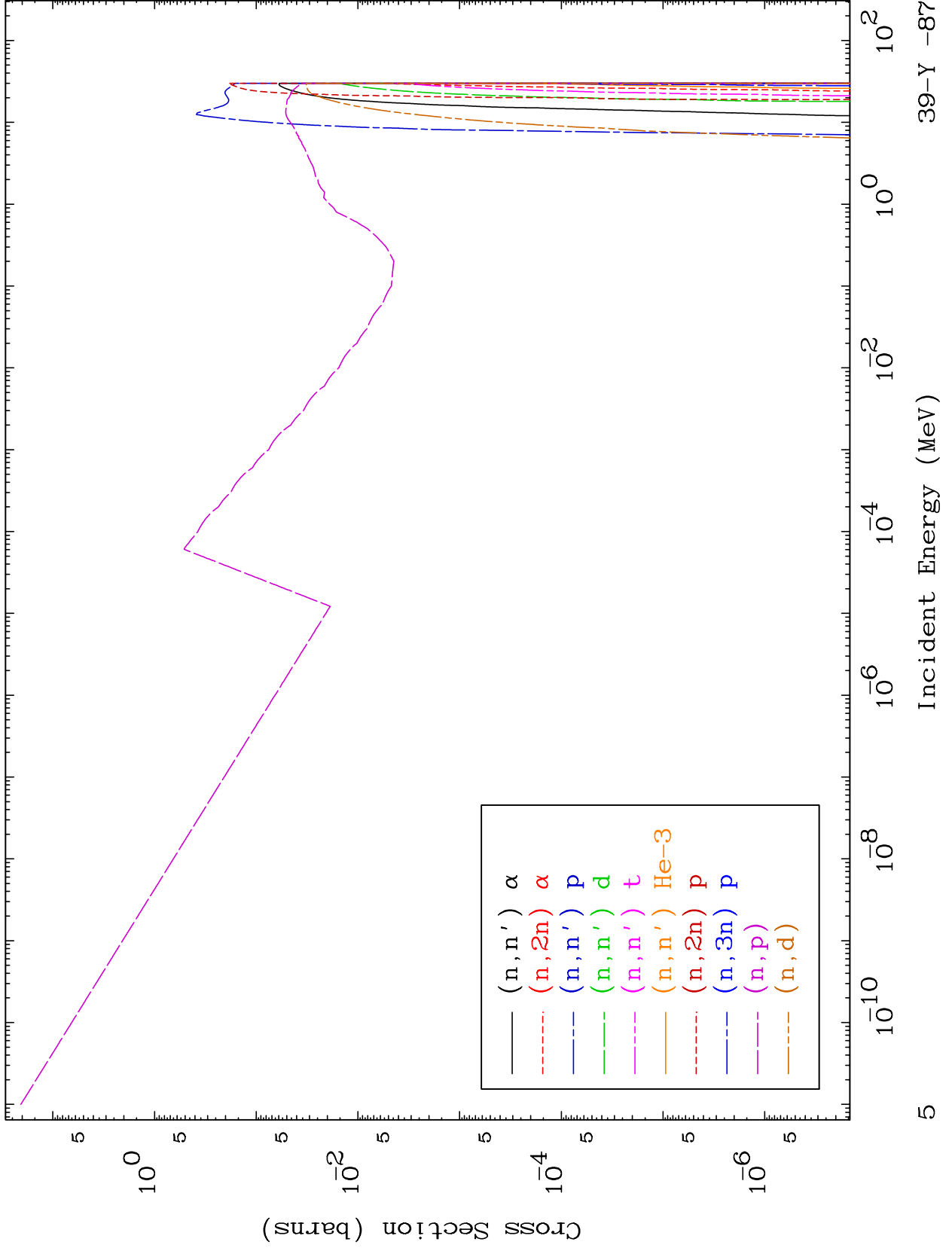
39-Y -87



MAT 3919

Charged Particle  
293 Kelvin Cross Sections

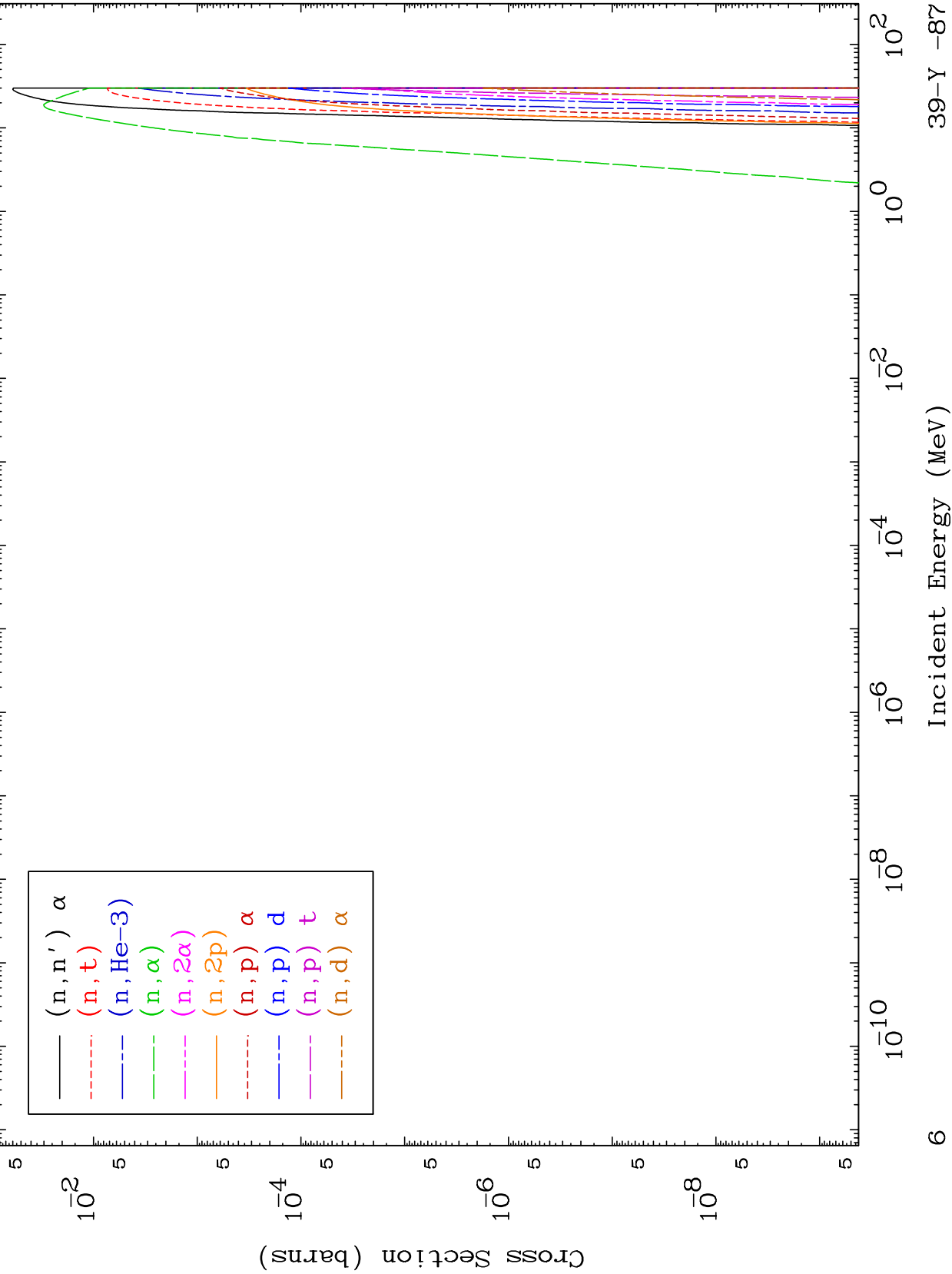
39-Y -87



MAT 3919

Charged Particle  
293 Kelvin Cross Sections

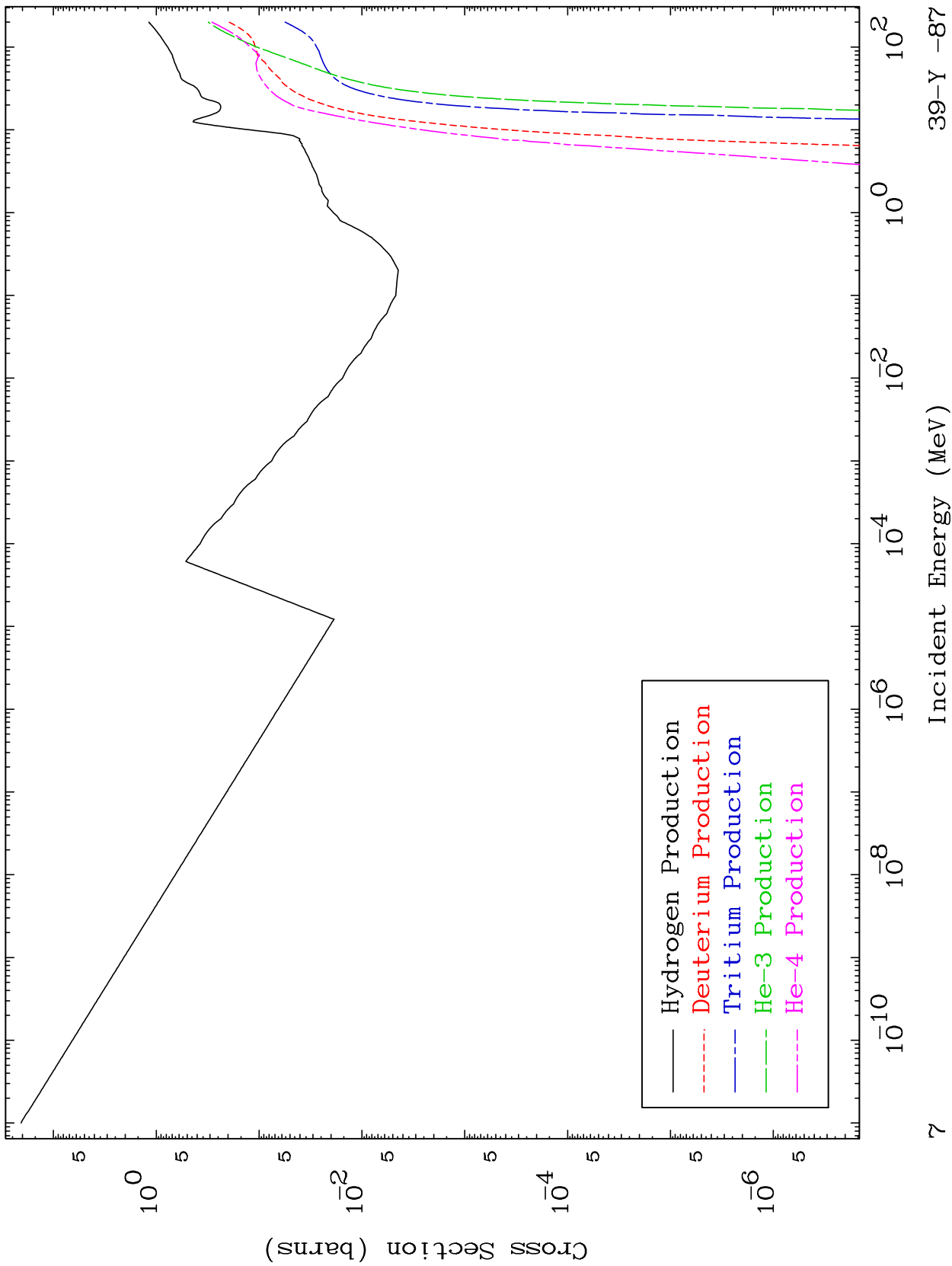
39-Y -87



MAT 3919

Particle Production  
293 Kelvin Cross Sections

39-Y -87



39-Y -87

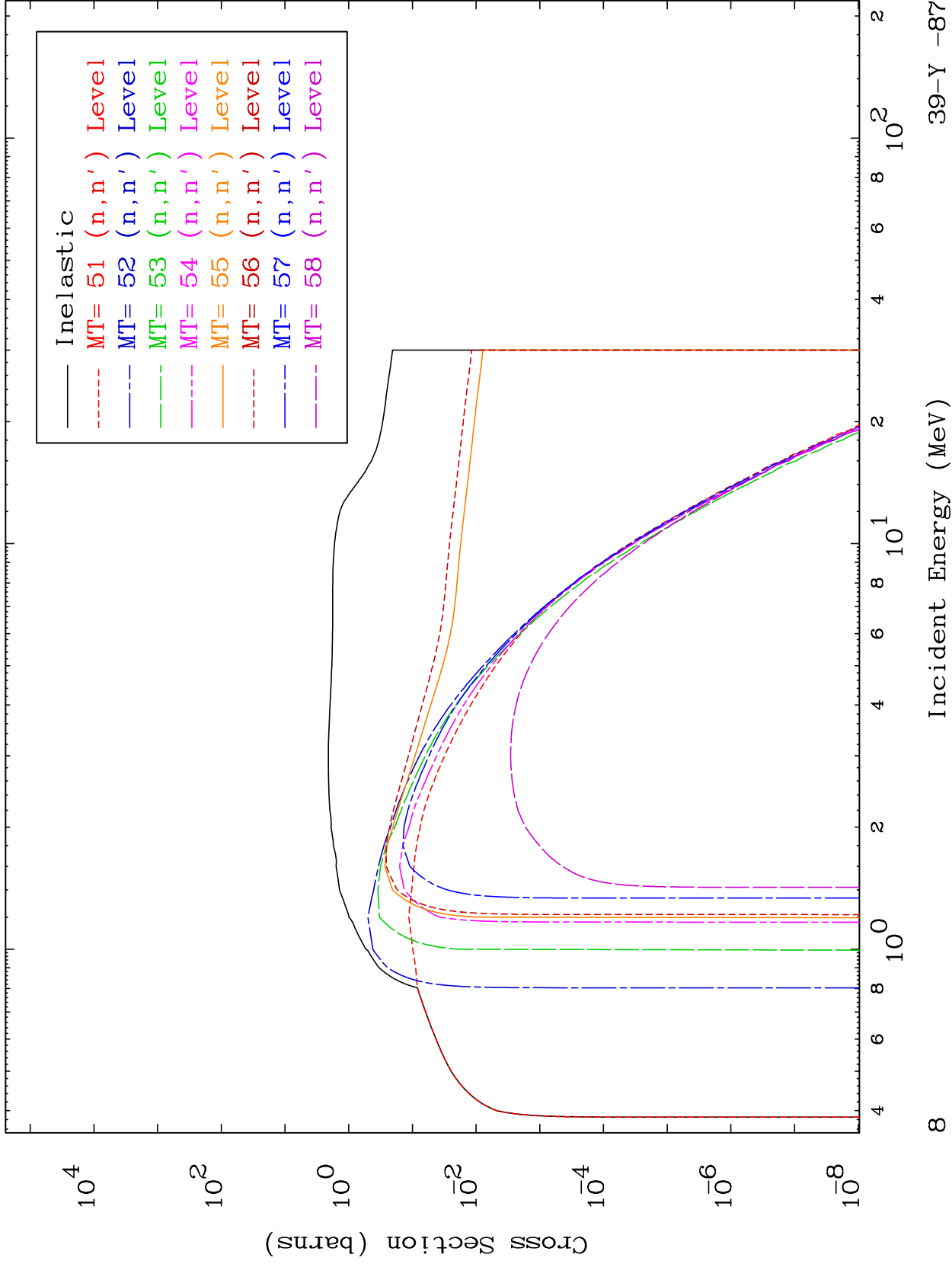


MAT 3919

(n,n') Levels

39-Y -87

293 Kelvin Cross Sections



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Incident Energy (MeV)

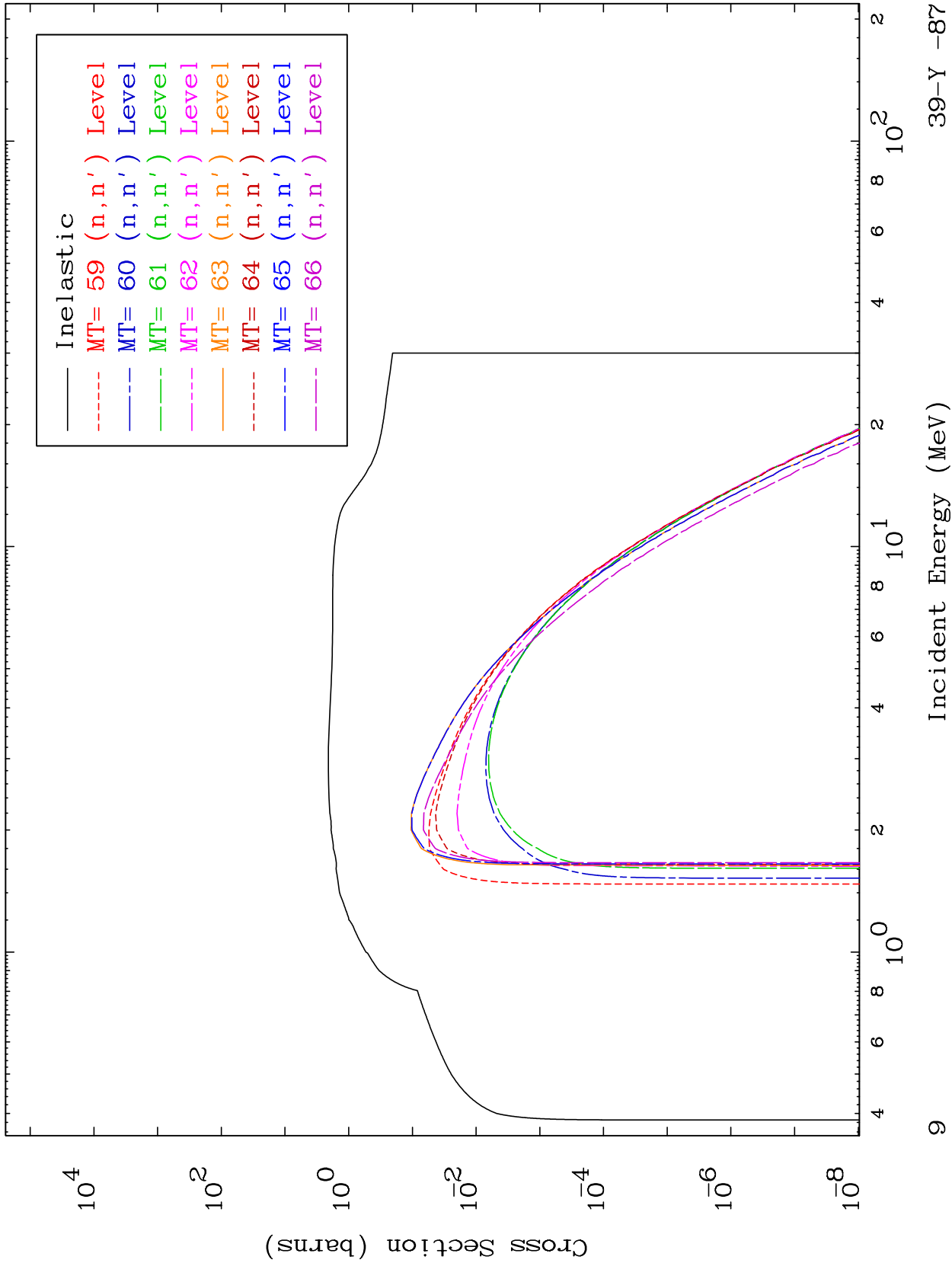
39-Y -87

MAT 3919

(n,n') Levels

39-Y -87

293 Kelvin Cross Sections



9

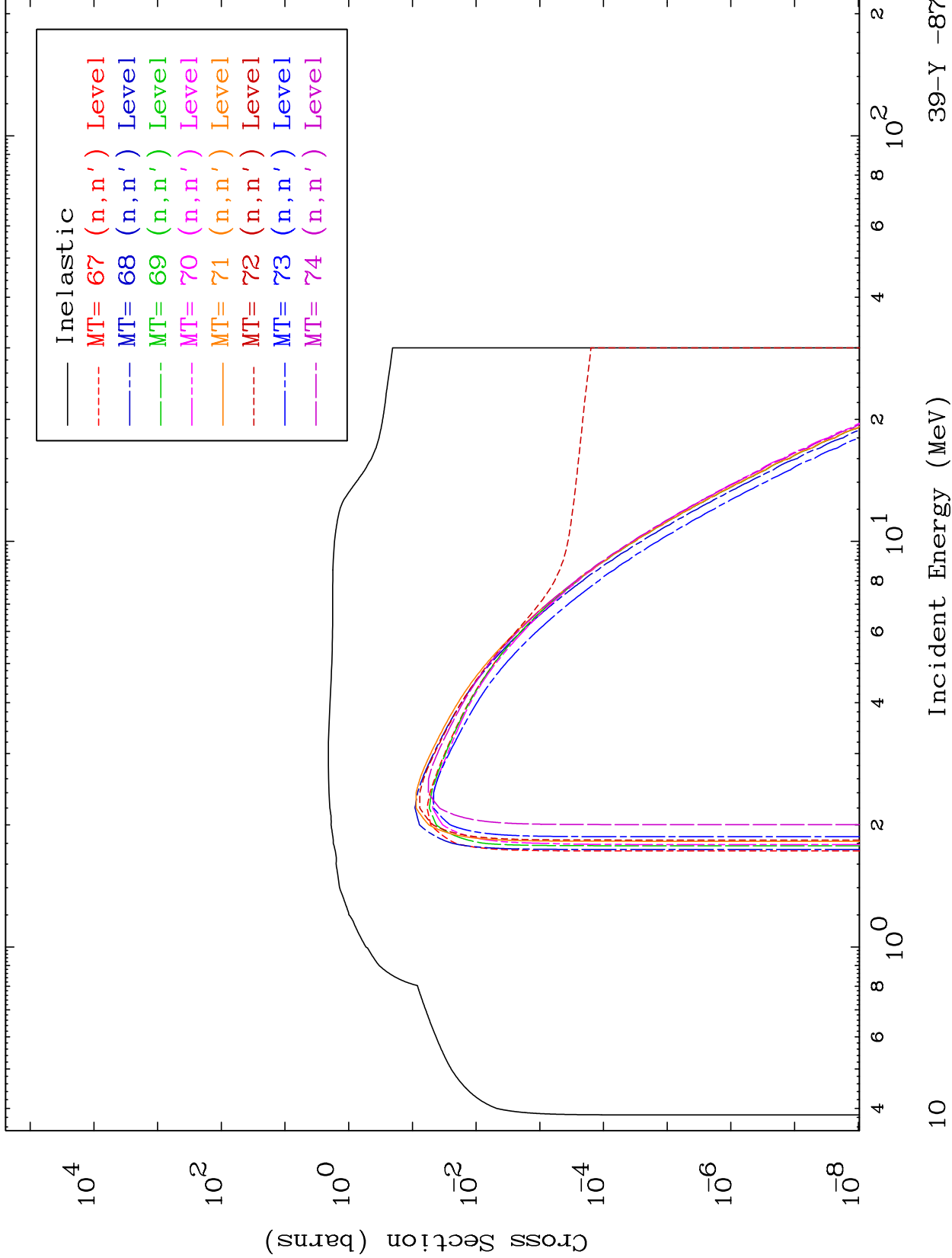
Incident Energy (MeV)

39-Y -87

MAT 3919

(n,n') Levels  
293 Kelvin Cross Sections

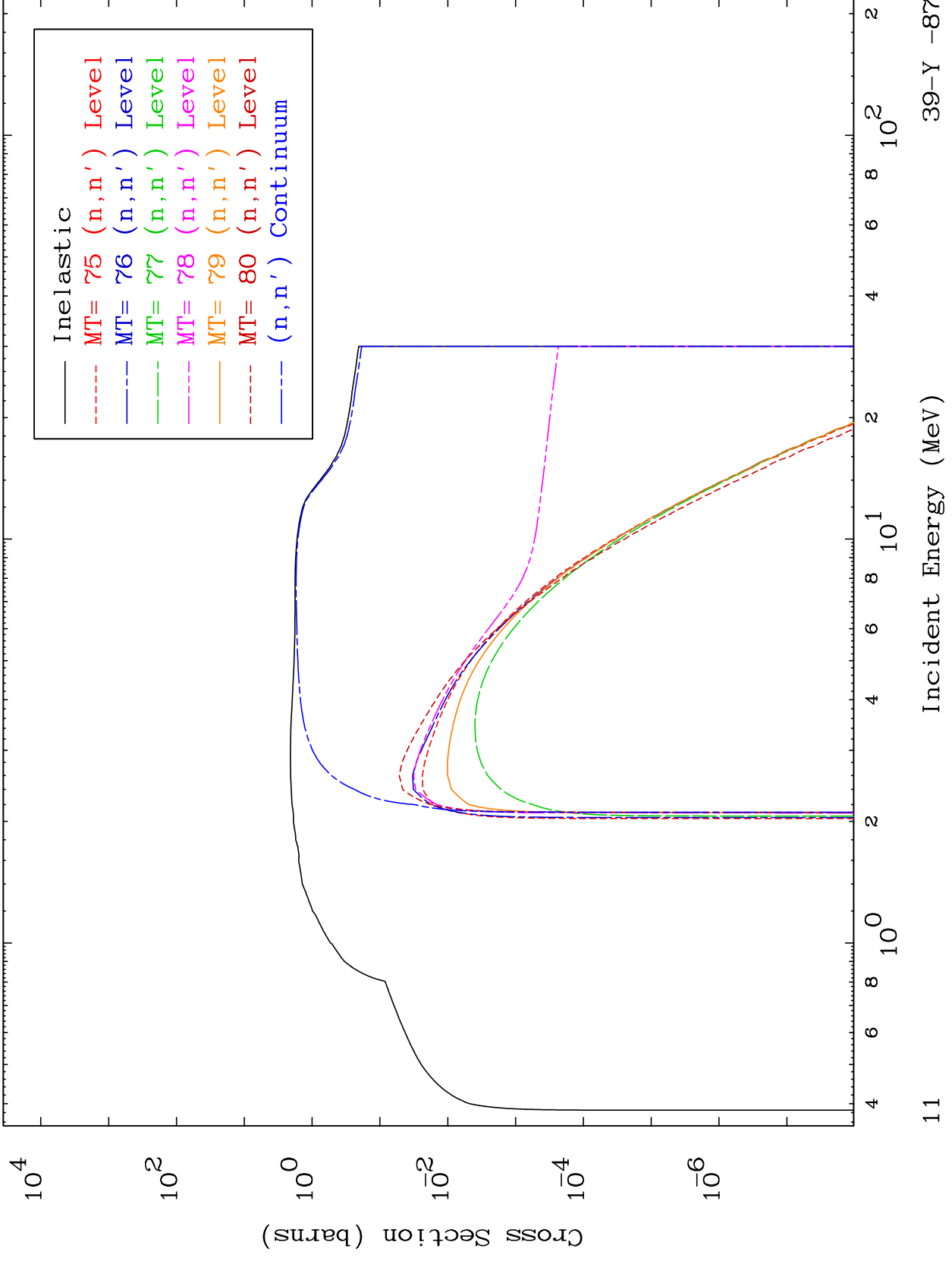
39-Y -87



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Incident Energy (MeV)

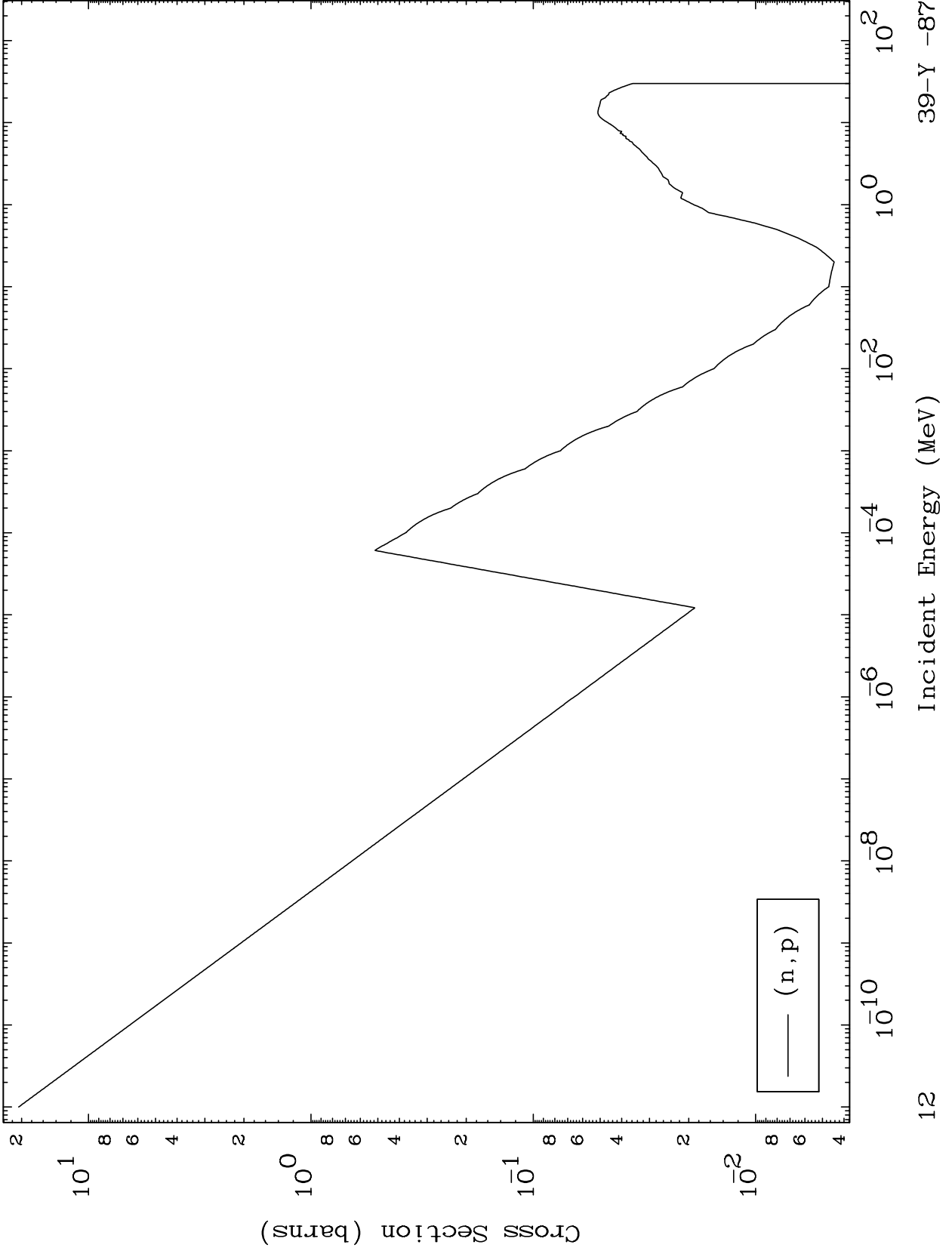
39-Y -87



MAT 3919

(n,p) Levels  
293 Kelvin Cross Sections

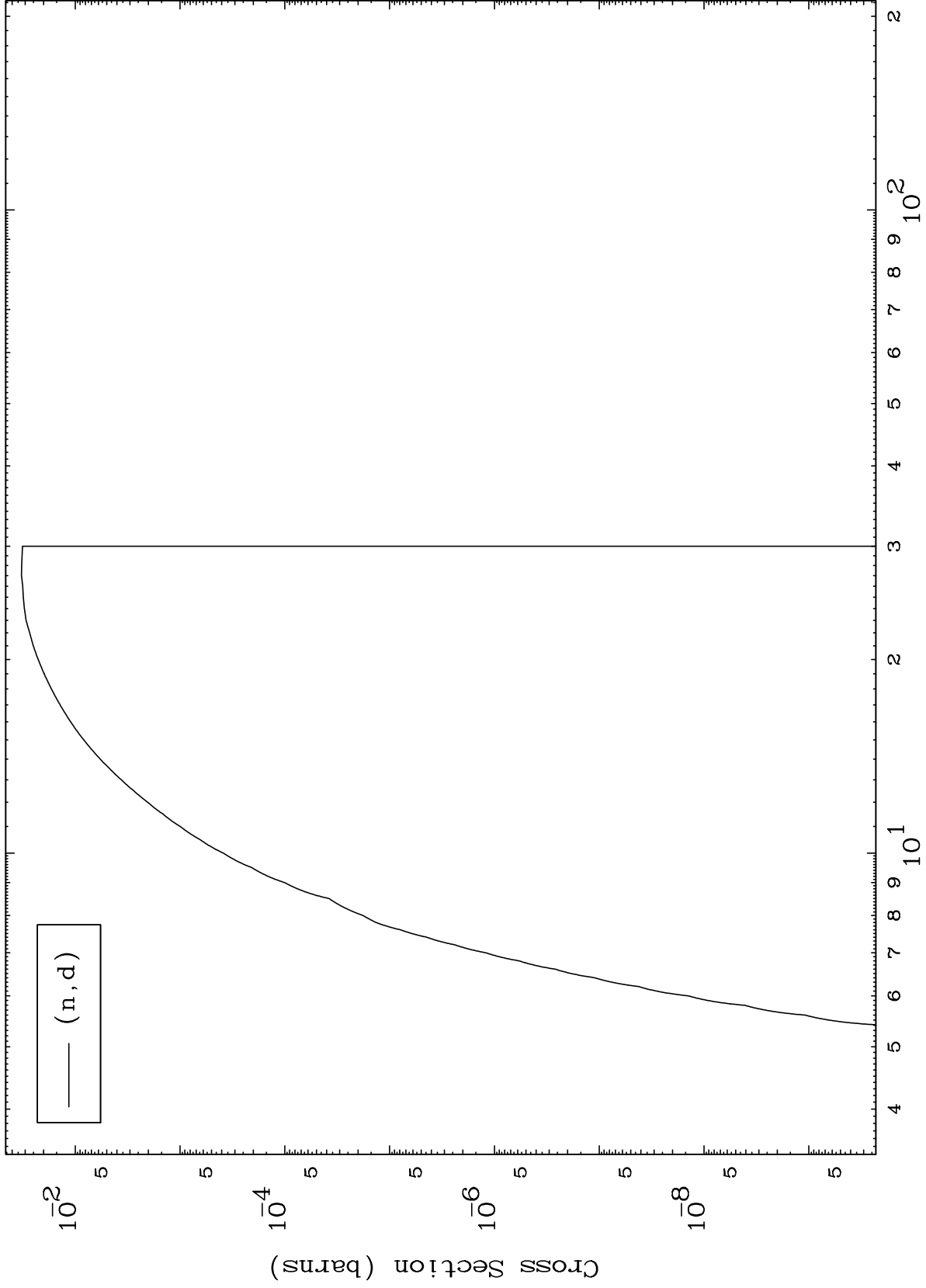
39-Y -87



MAT 3919

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -87



13

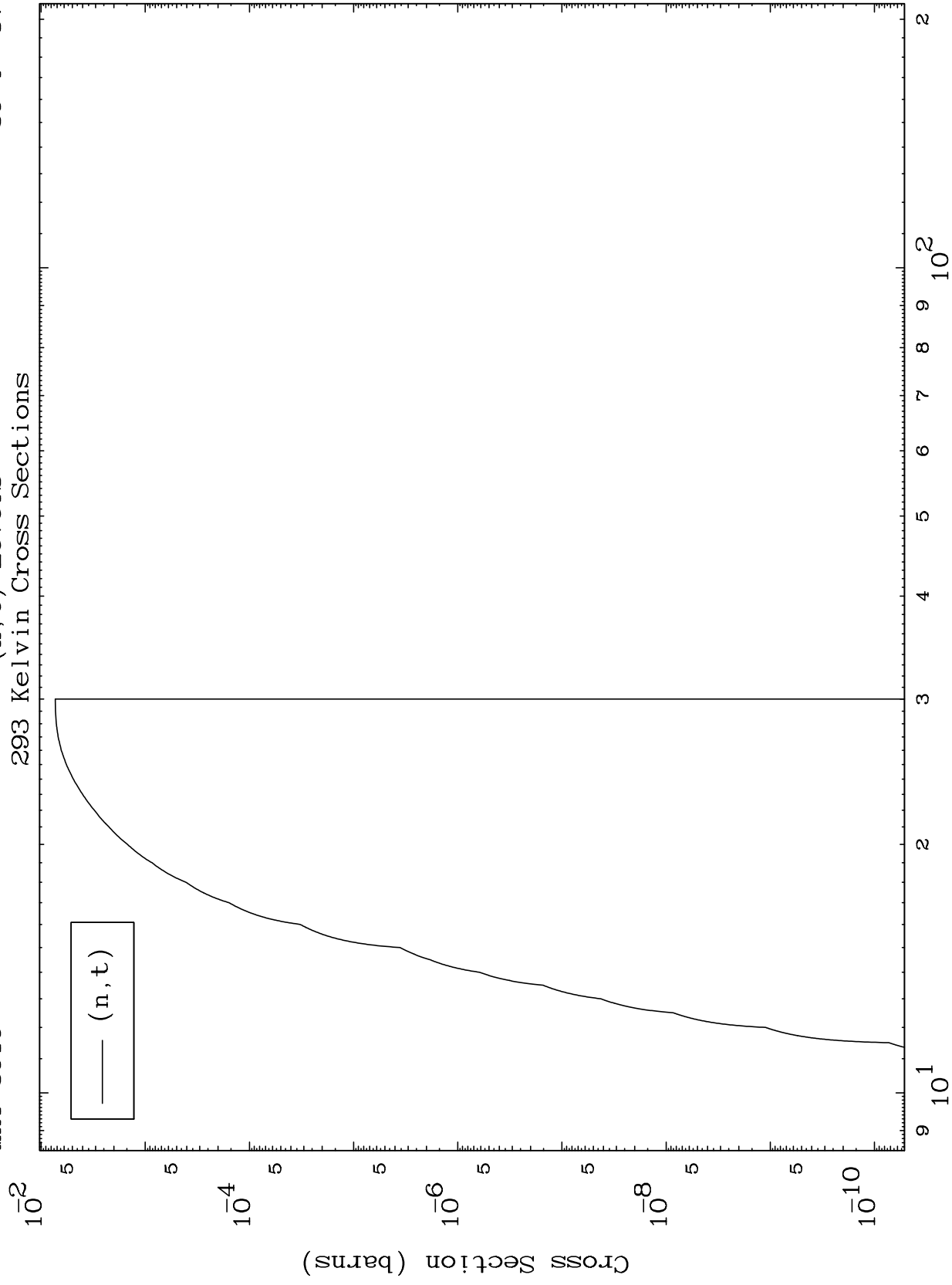
Incident Energy (MeV)

39-Y -87

MAT 3919

(n,t) Levels  
293 Kelvin Cross Sections

39-Y -87



14

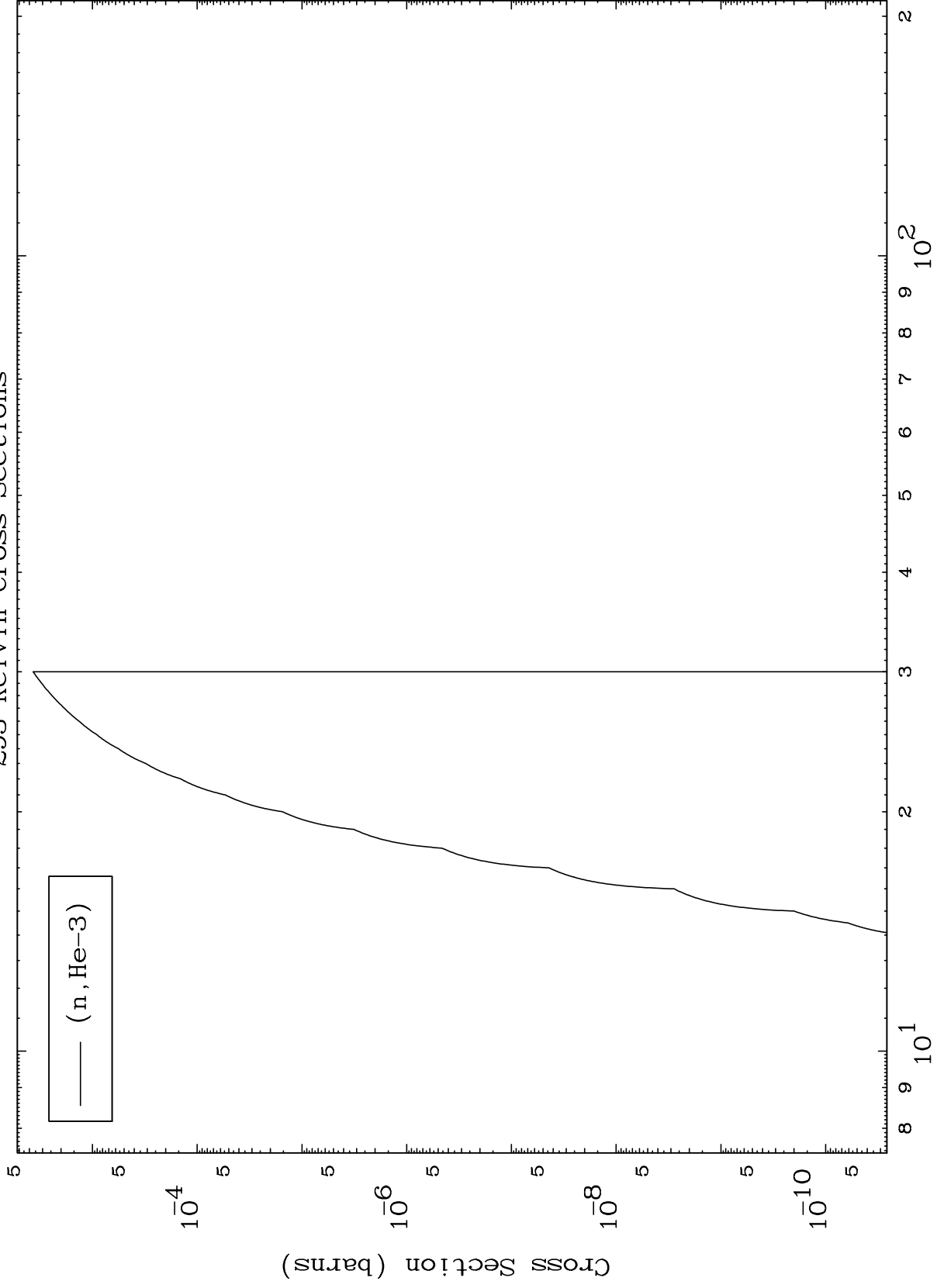
Incident Energy (MeV)

39-Y -87

MAT 3919

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -87



15

Incident Energy (MeV)

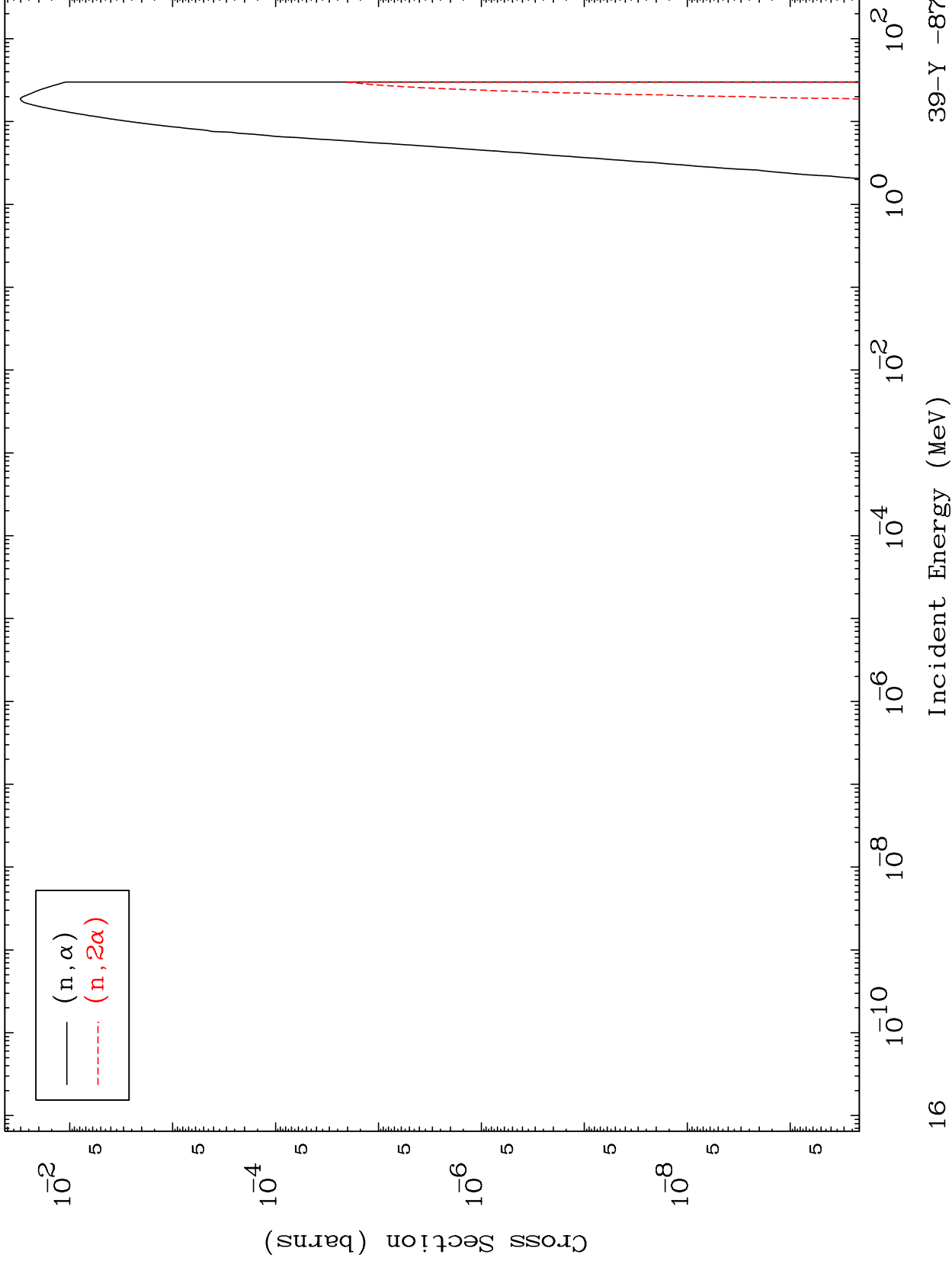
39-Y -87



MAT 3919

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

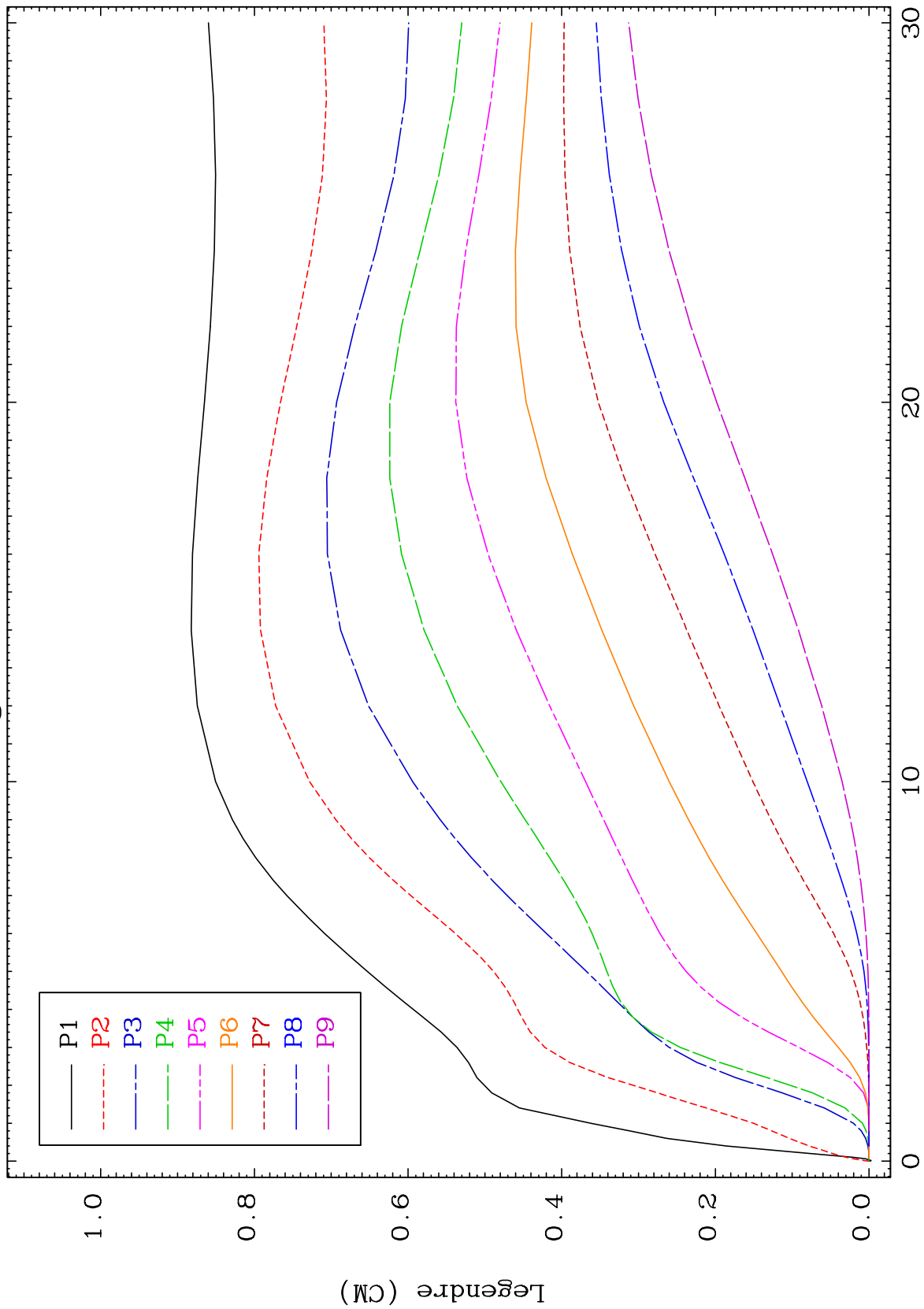
39-Y -87



MAT 3919

Elastic Legendre Coefficients

39-Y -87



17

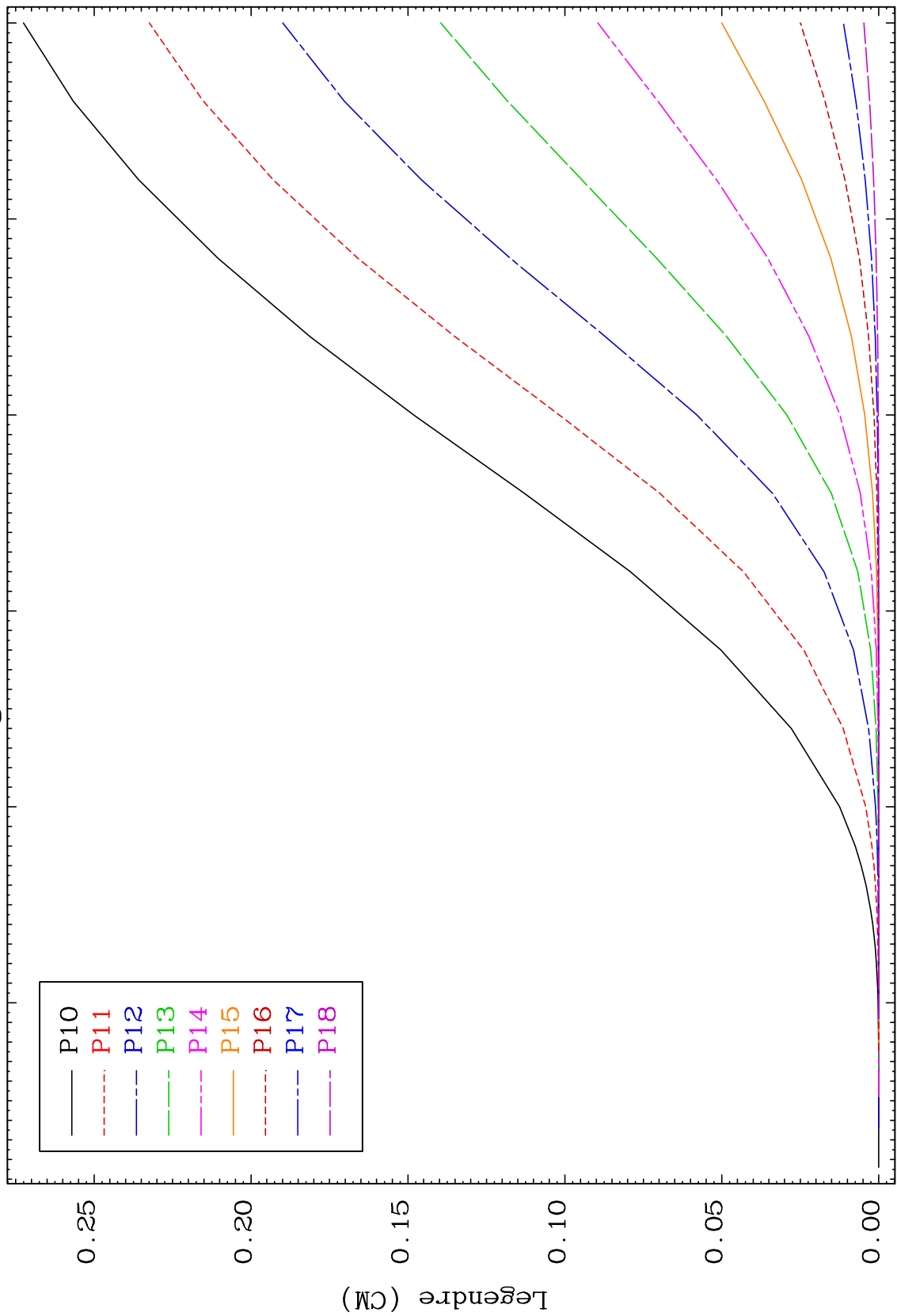
Incident Energy (MeV)

39-Y -87

MAT 3919

Elastic Legendre Coefficients

39-Y -87



18

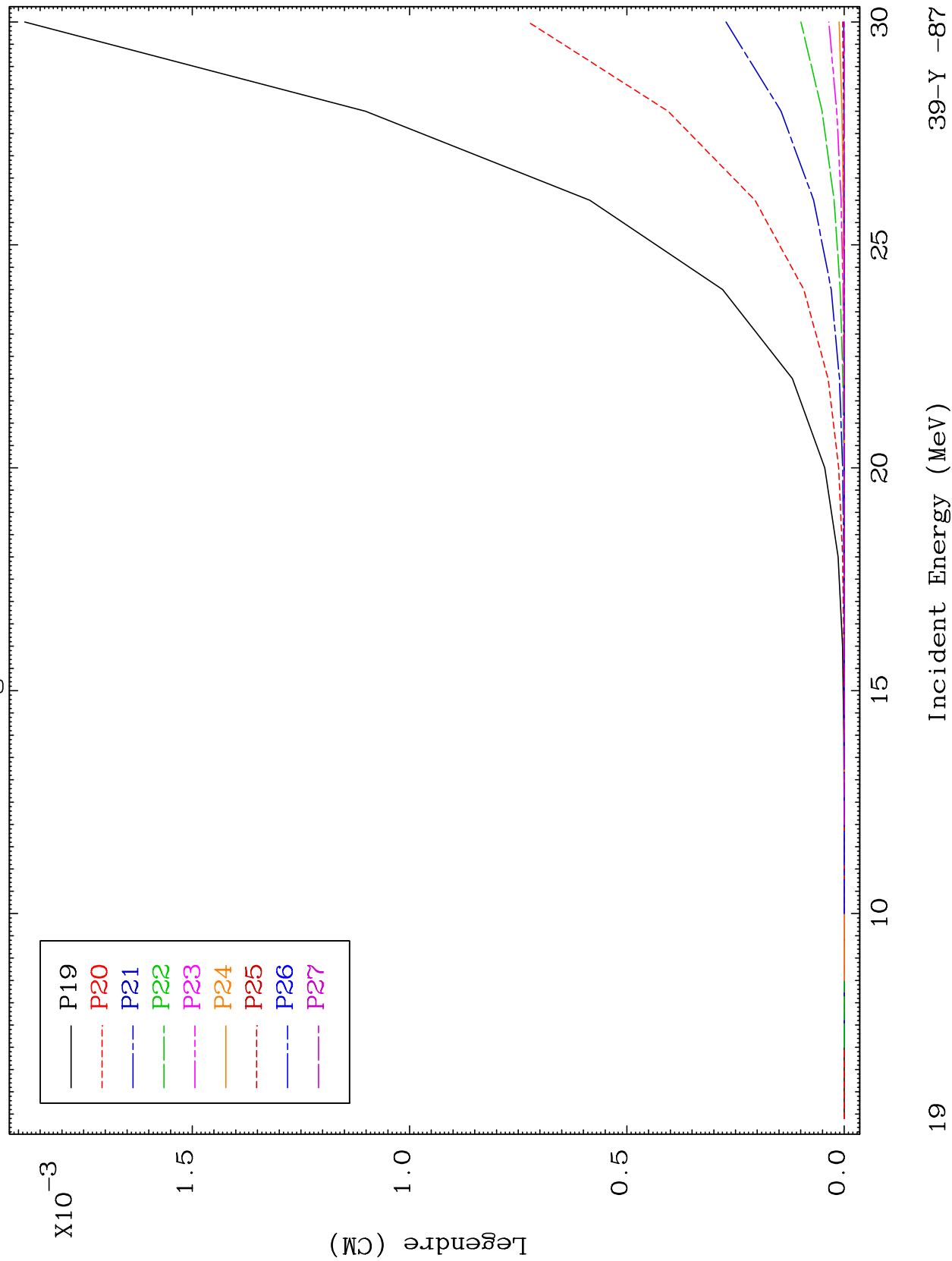
Incident Energy (MeV)

39-Y -87

MAT 3919

Elastic Legendre Coefficients

39-Y -87



19

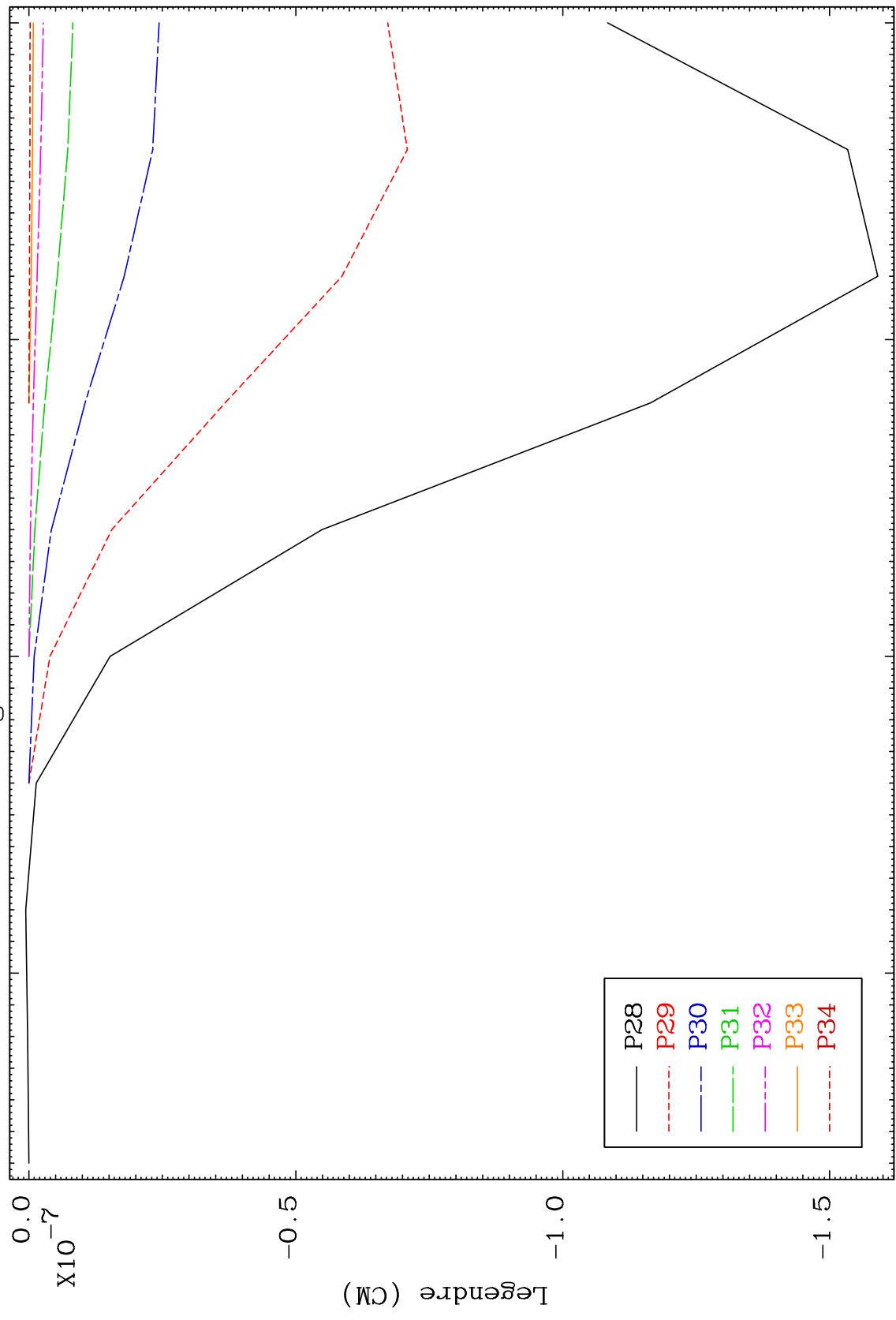
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

Elastic Legendre Coefficients

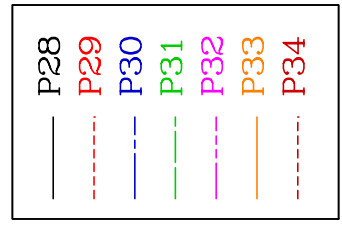


Legendre (CM)  
X10<sup>-7</sup>

Incident Energy (MeV)

20

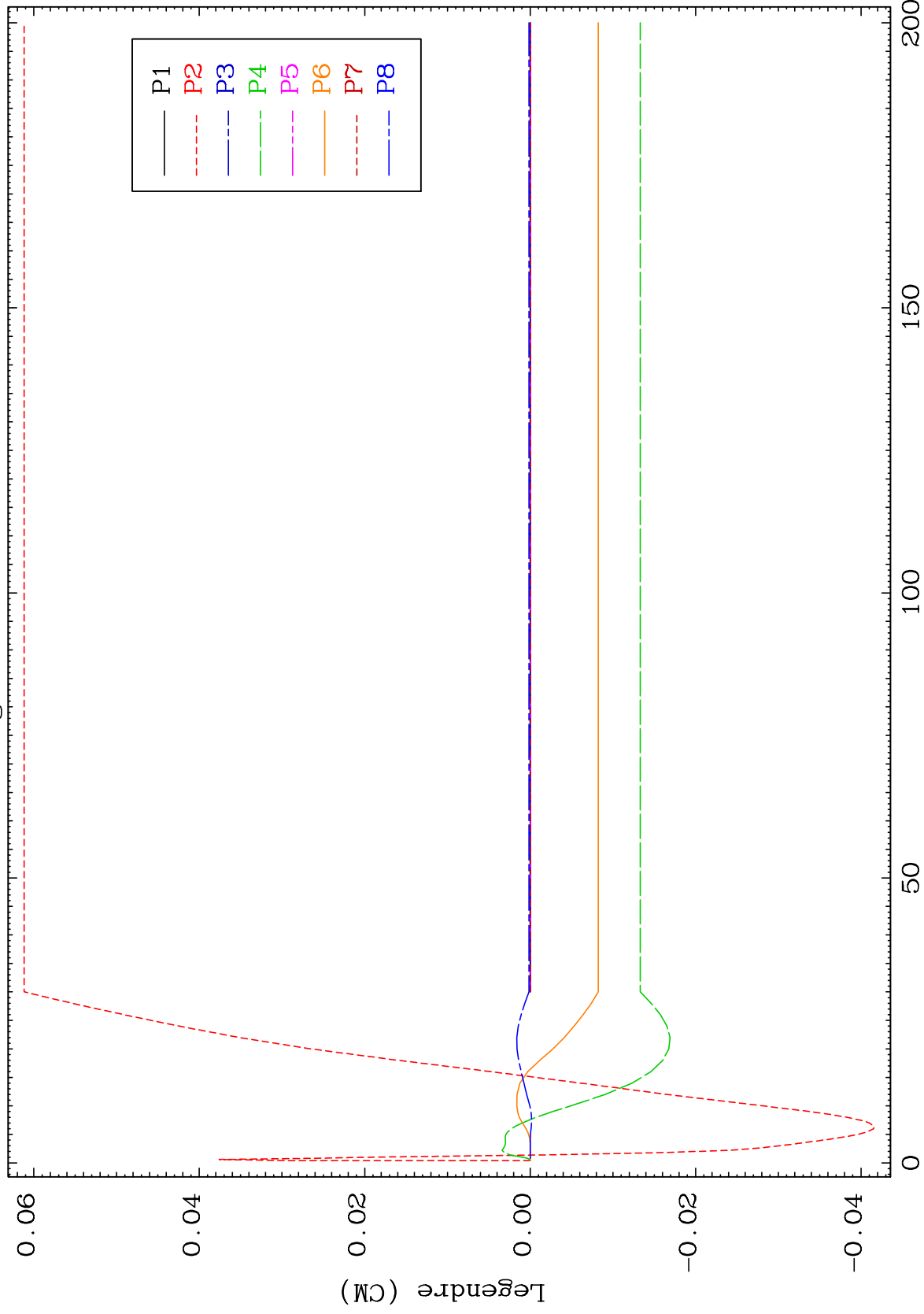
39-Y -87



MAT 3919

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

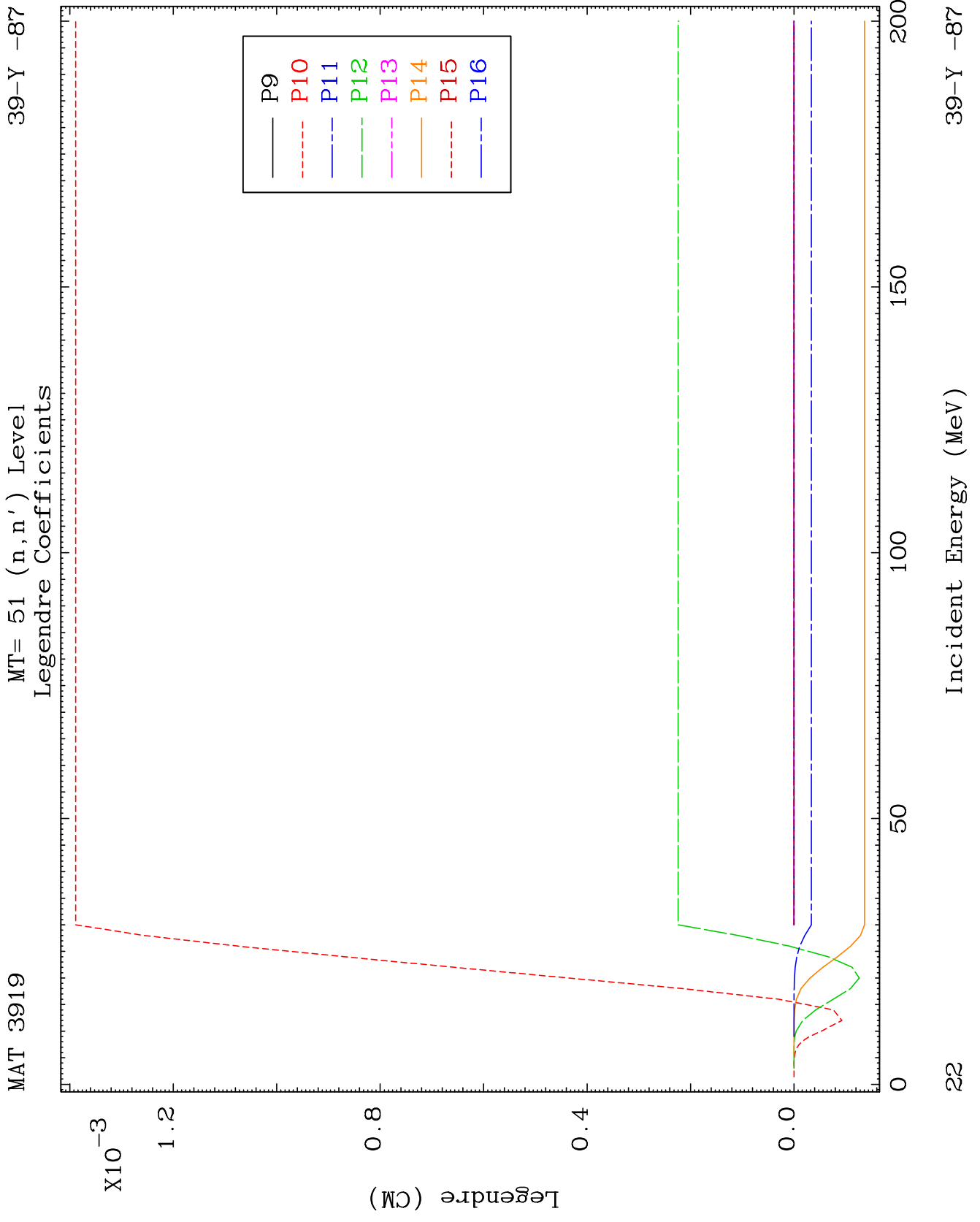
39-Y -87



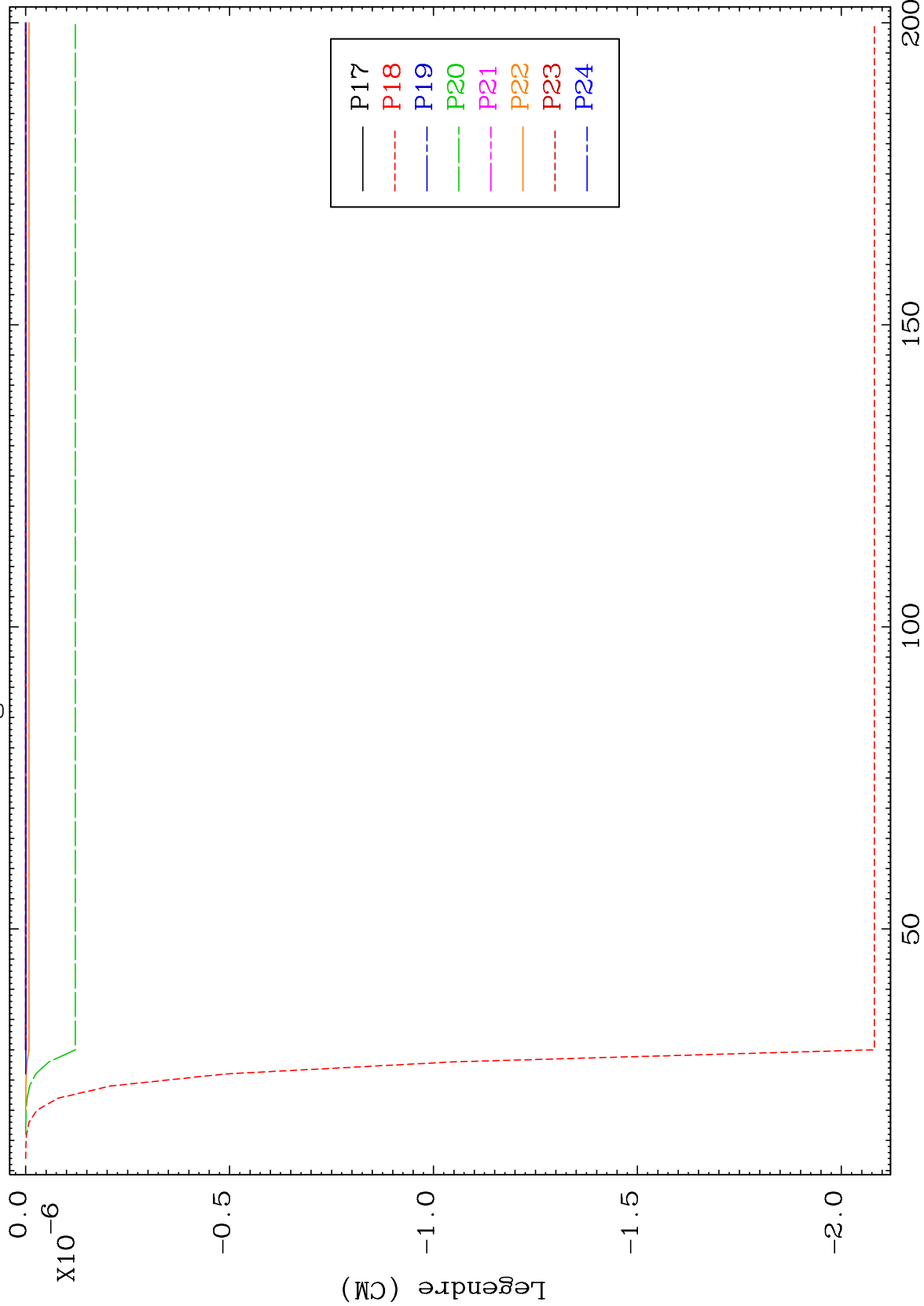
21

Incident Energy (MeV)

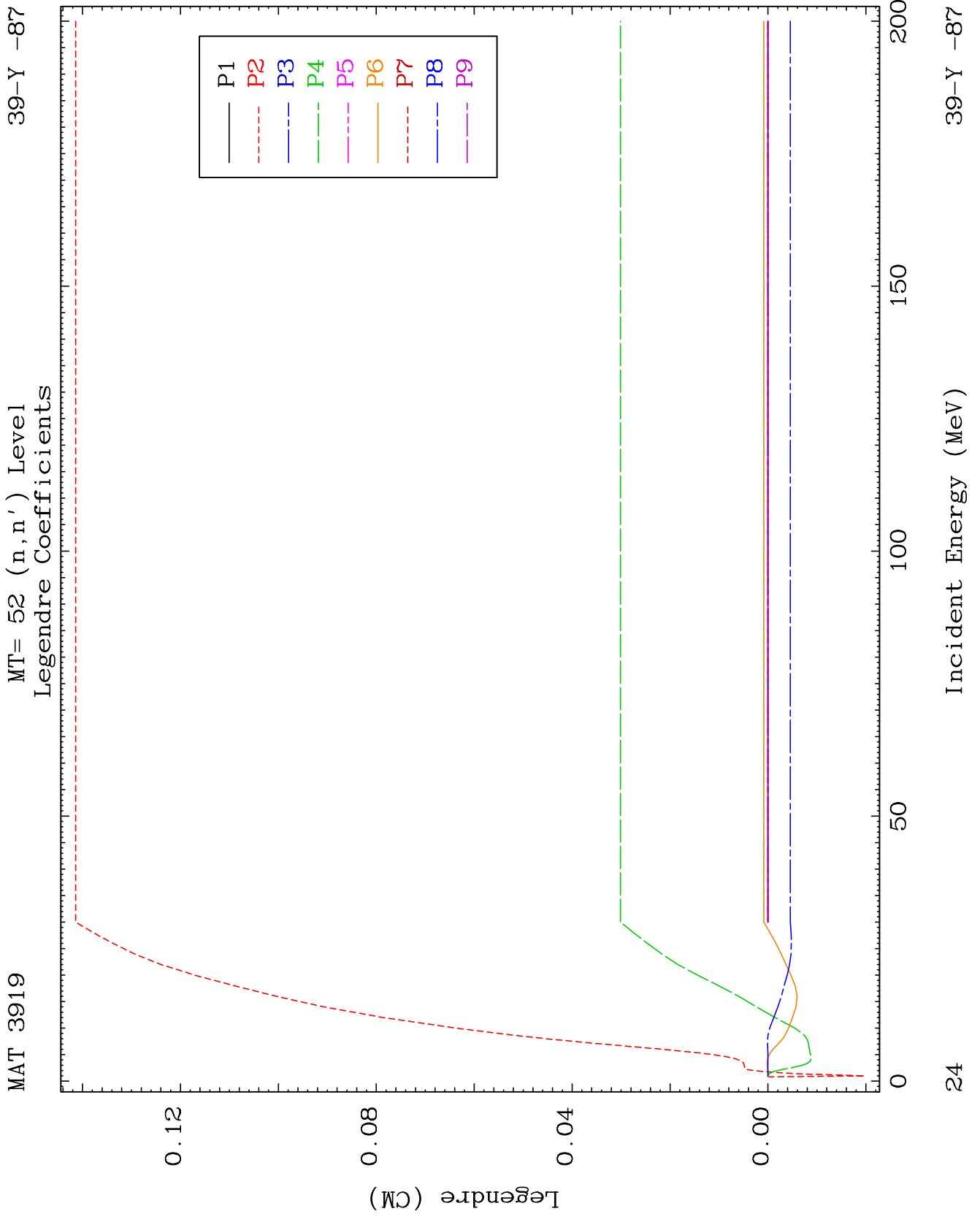
39-Y -87



Legendre Coefficients



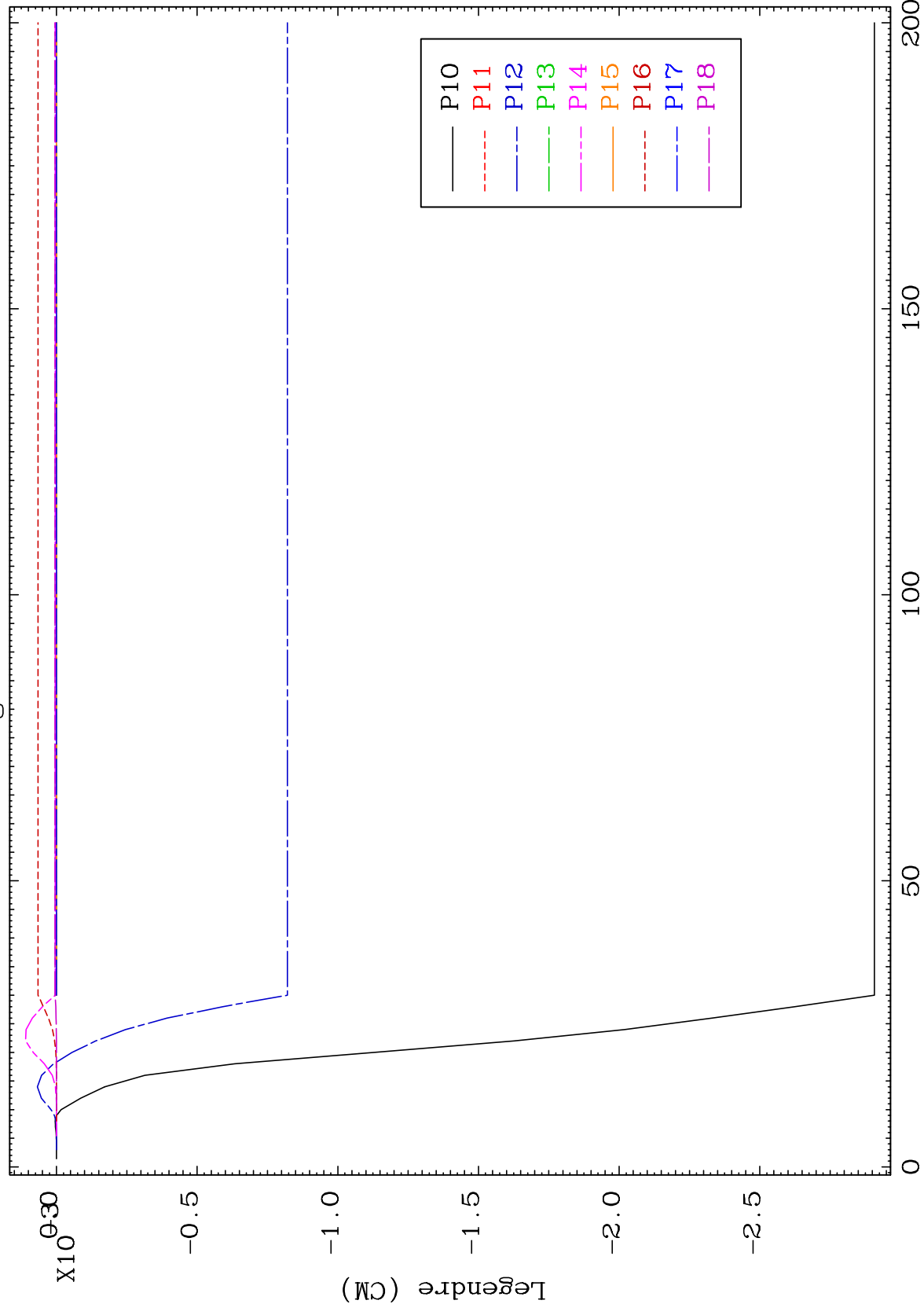




MAT 3919

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

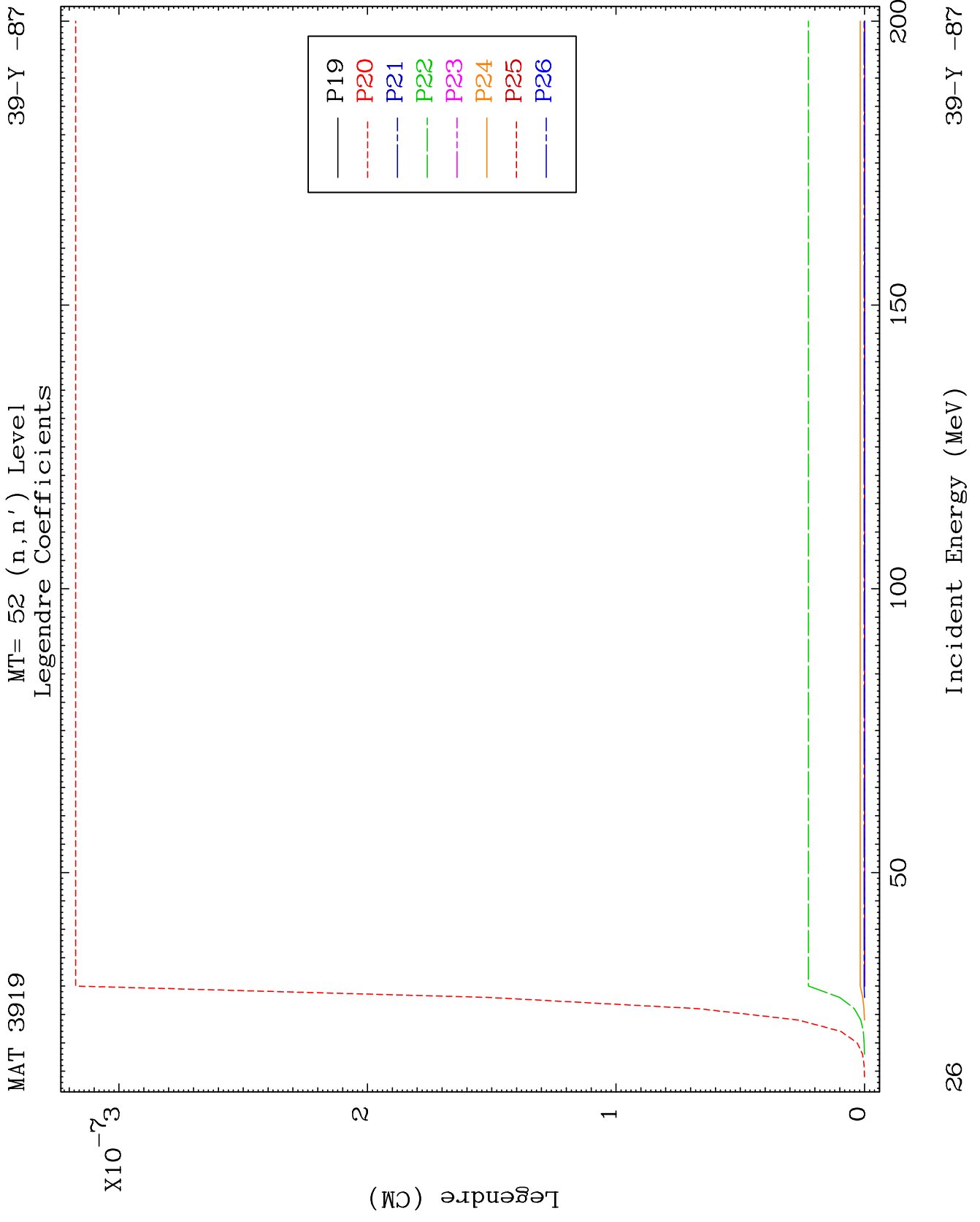
39-Y -87



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Incident Energy (MeV)

39-Y -87

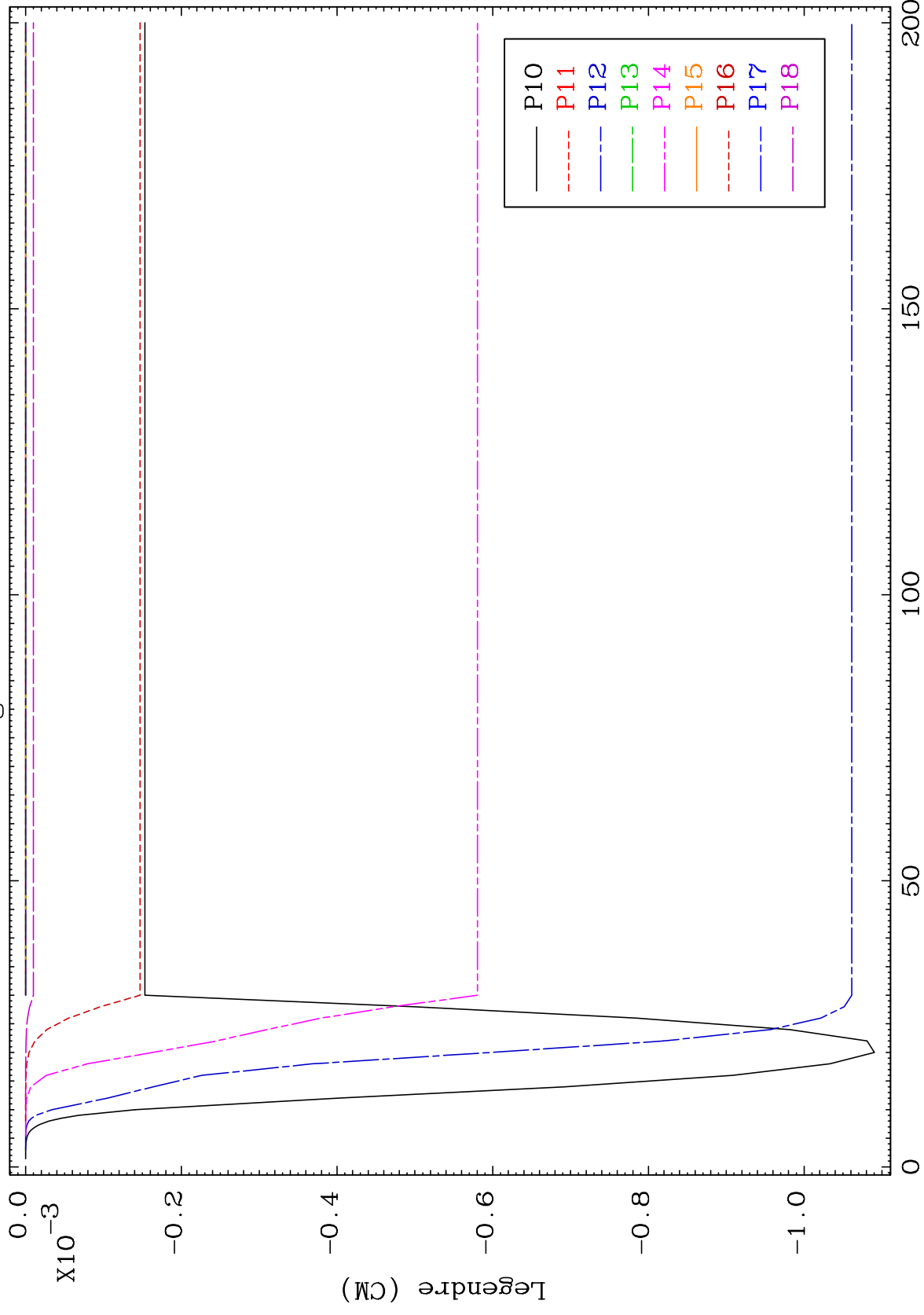




MAT 3919

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

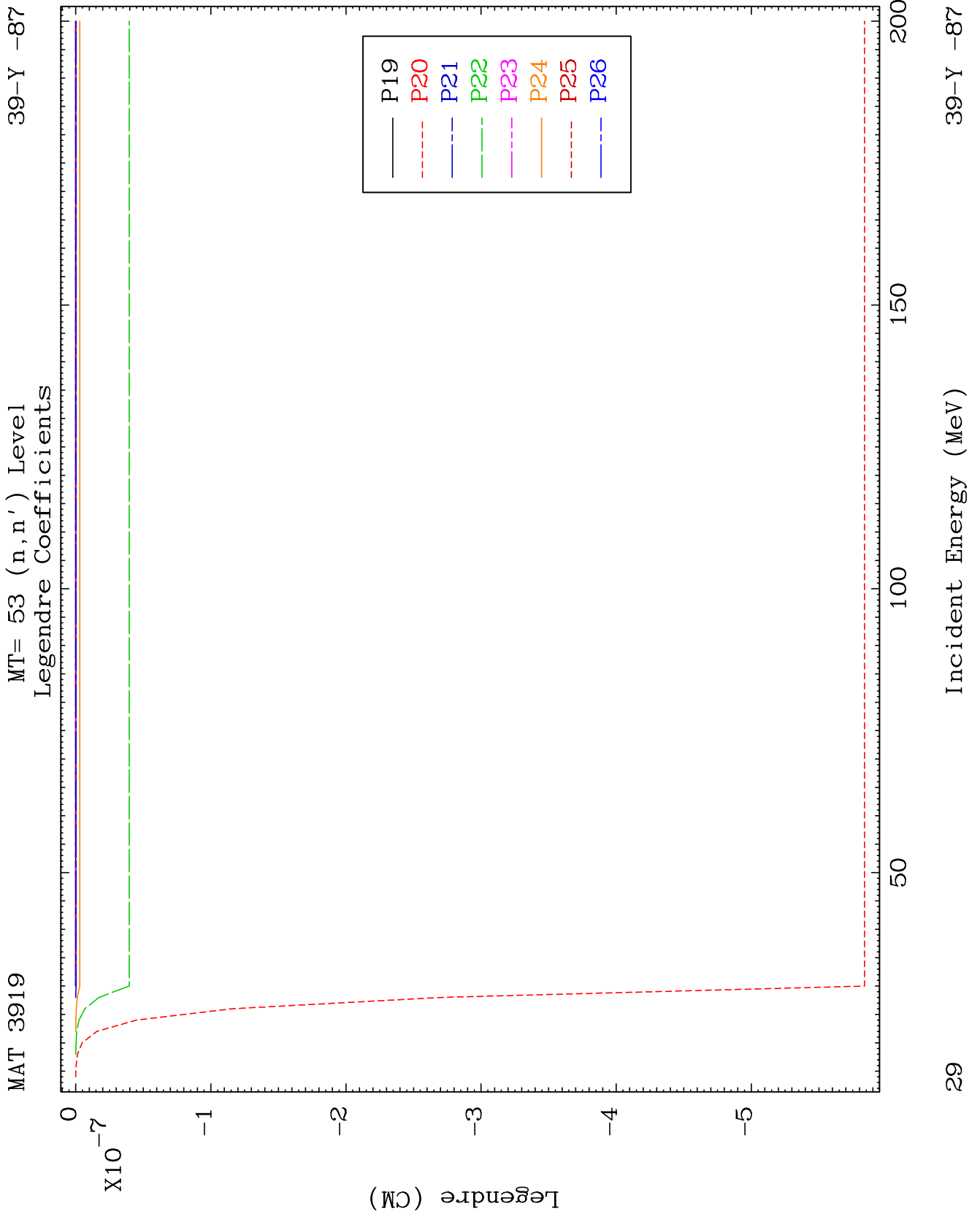
39-Y -87

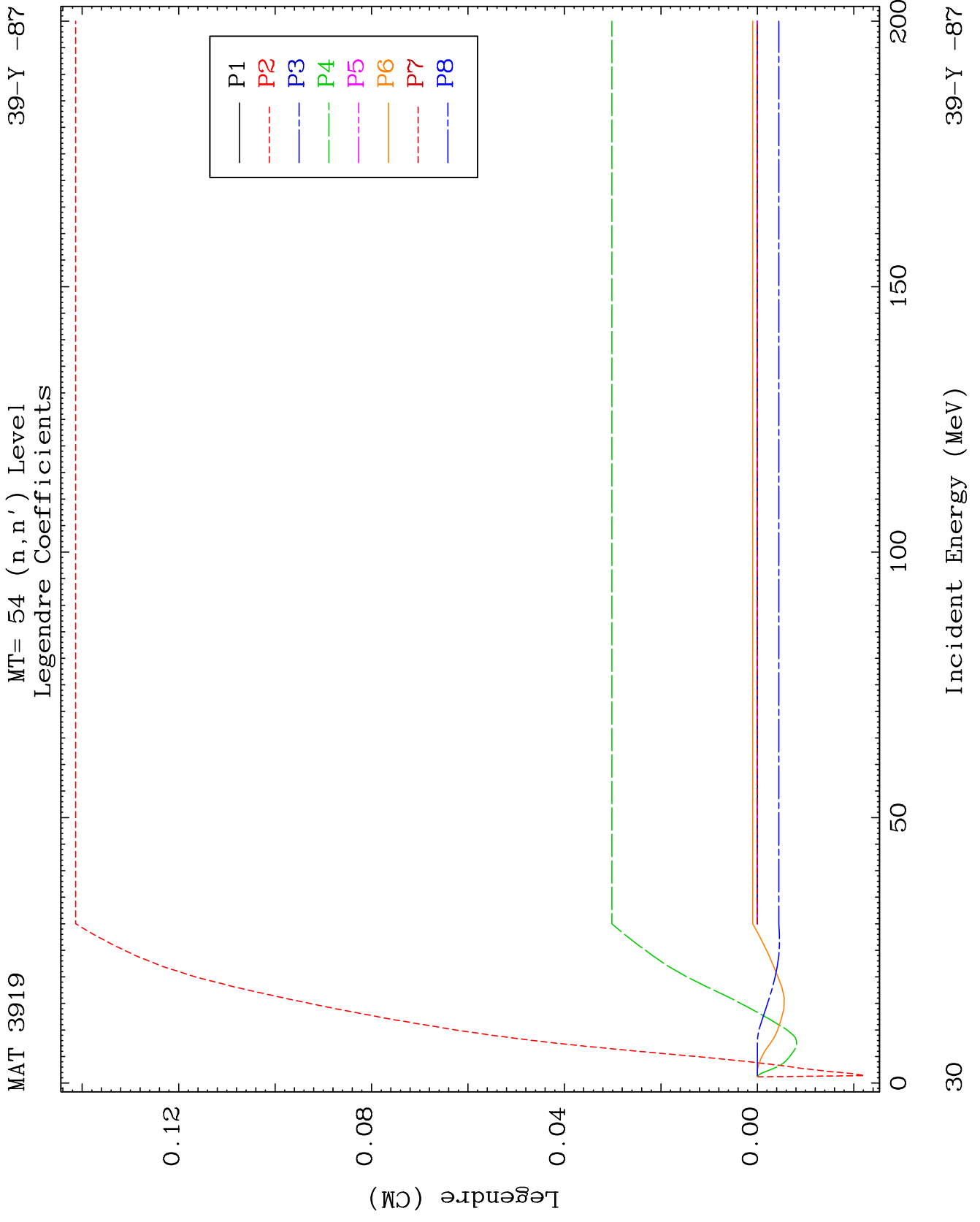


28

Incident Energy (MeV)

39-Y -87

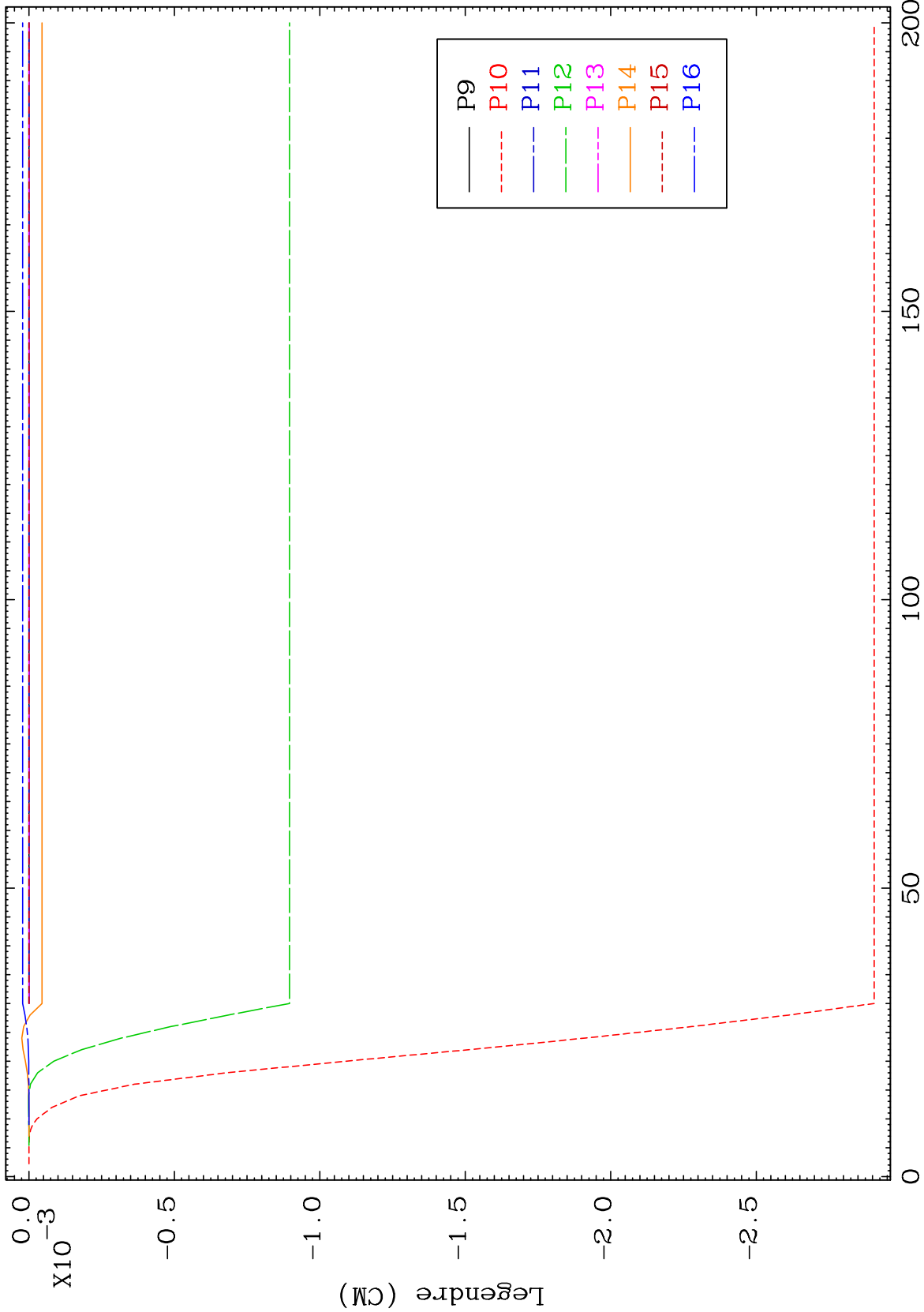




MAT 3919

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

39-Y -87

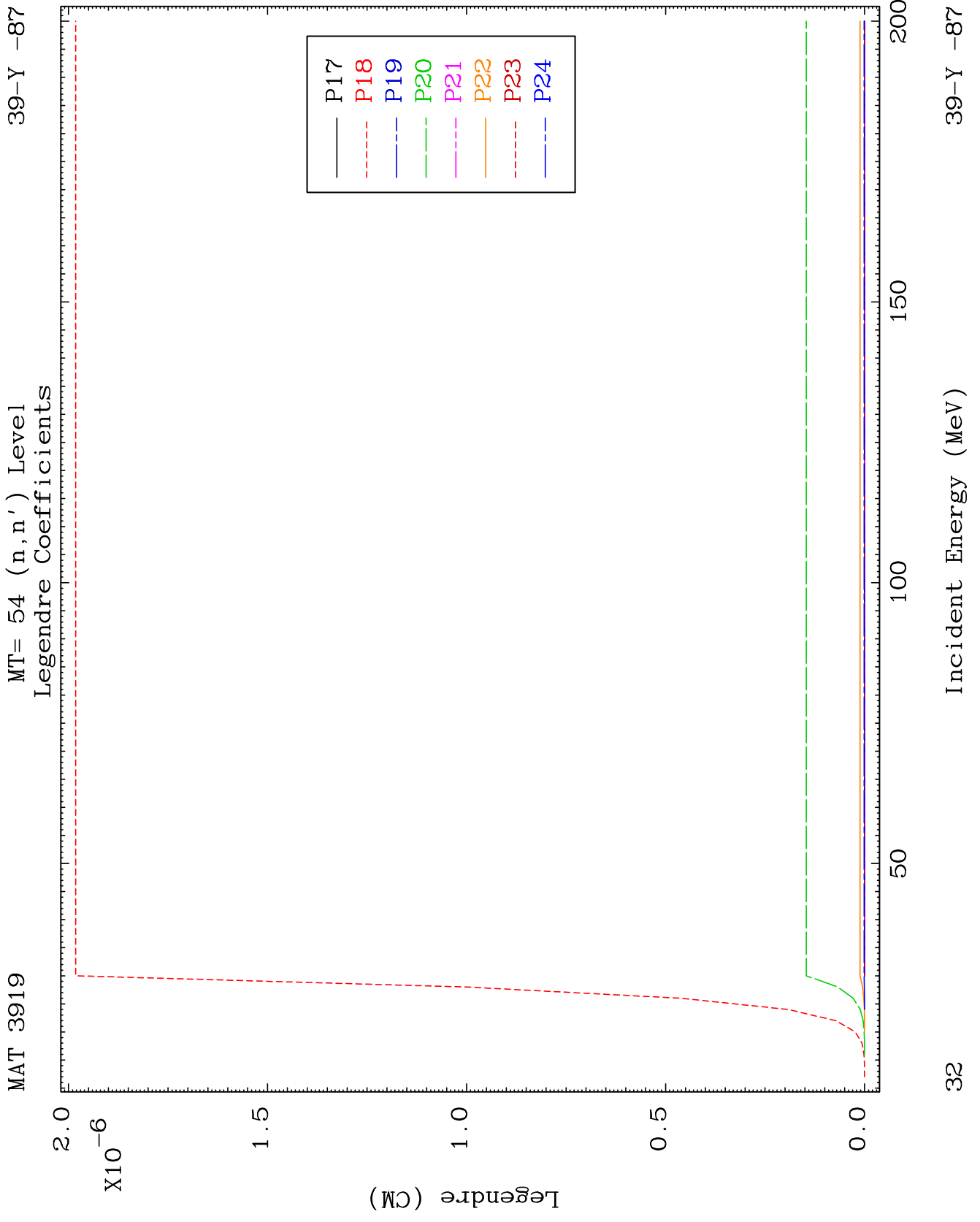


31

Incident Energy (MeV)

39-Y -87

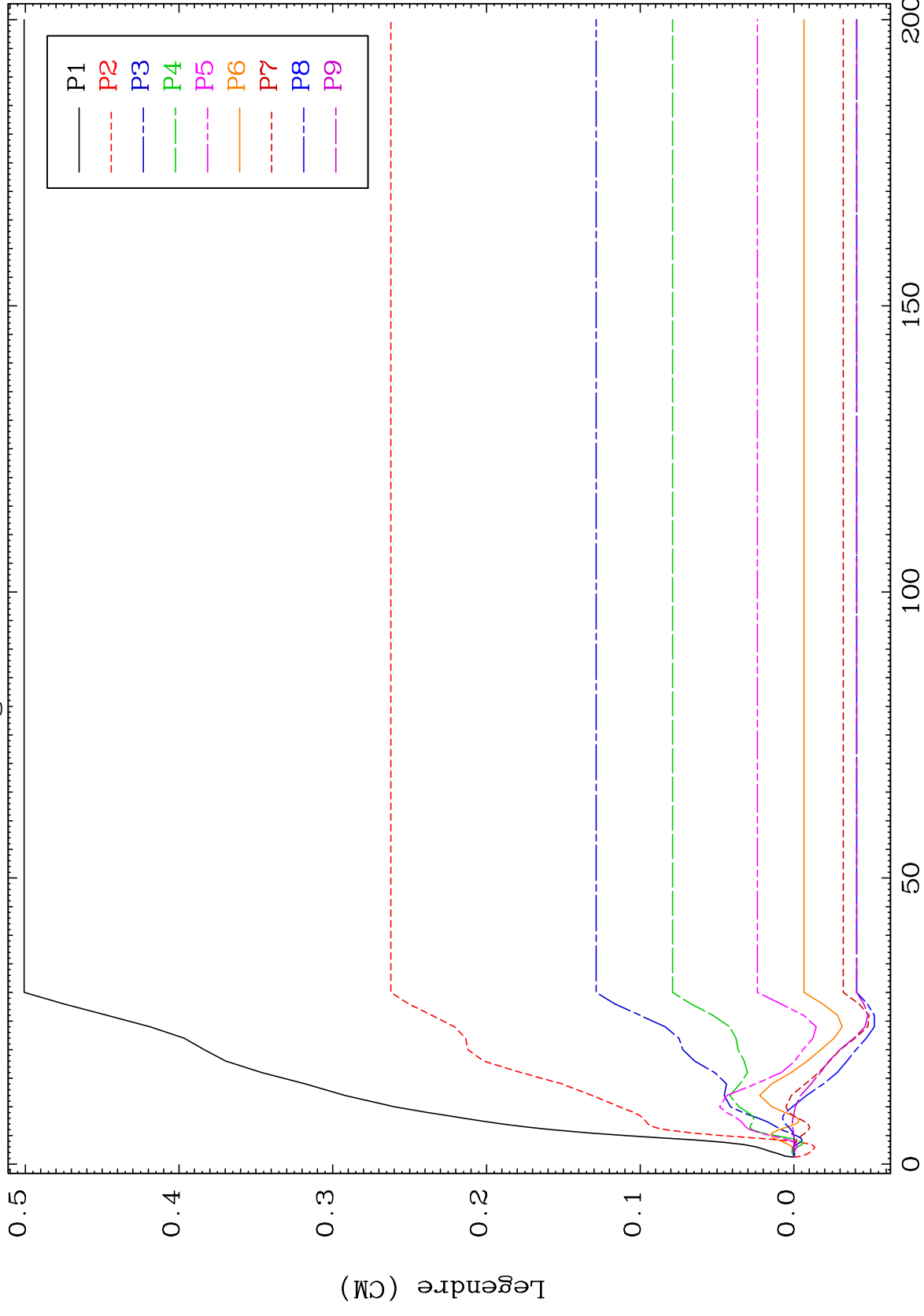




MAT 3919

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

39-Y -87



33

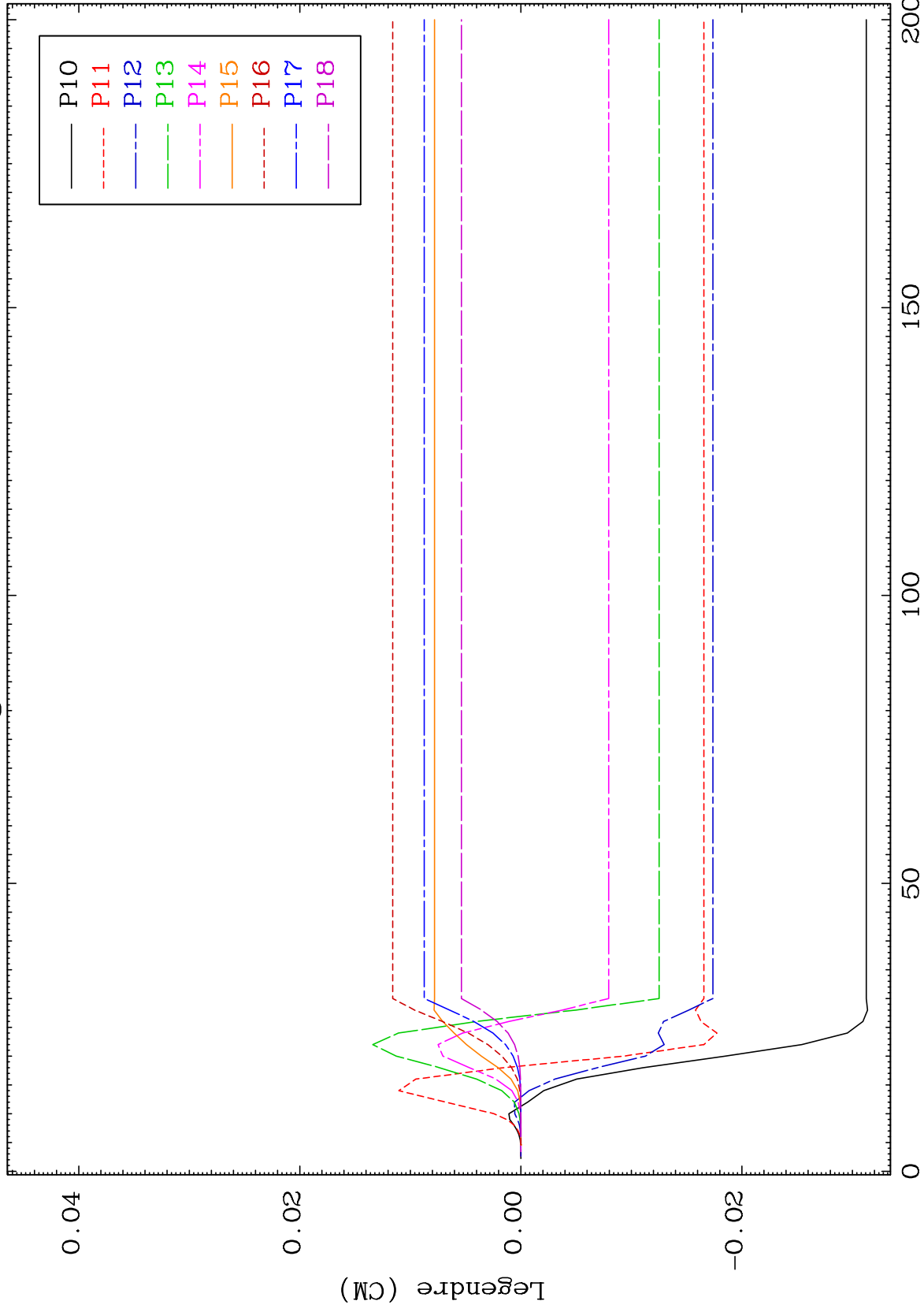
Incident Energy (MeV)

39-Y -87

MAT 3919

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

39-Y -87



34

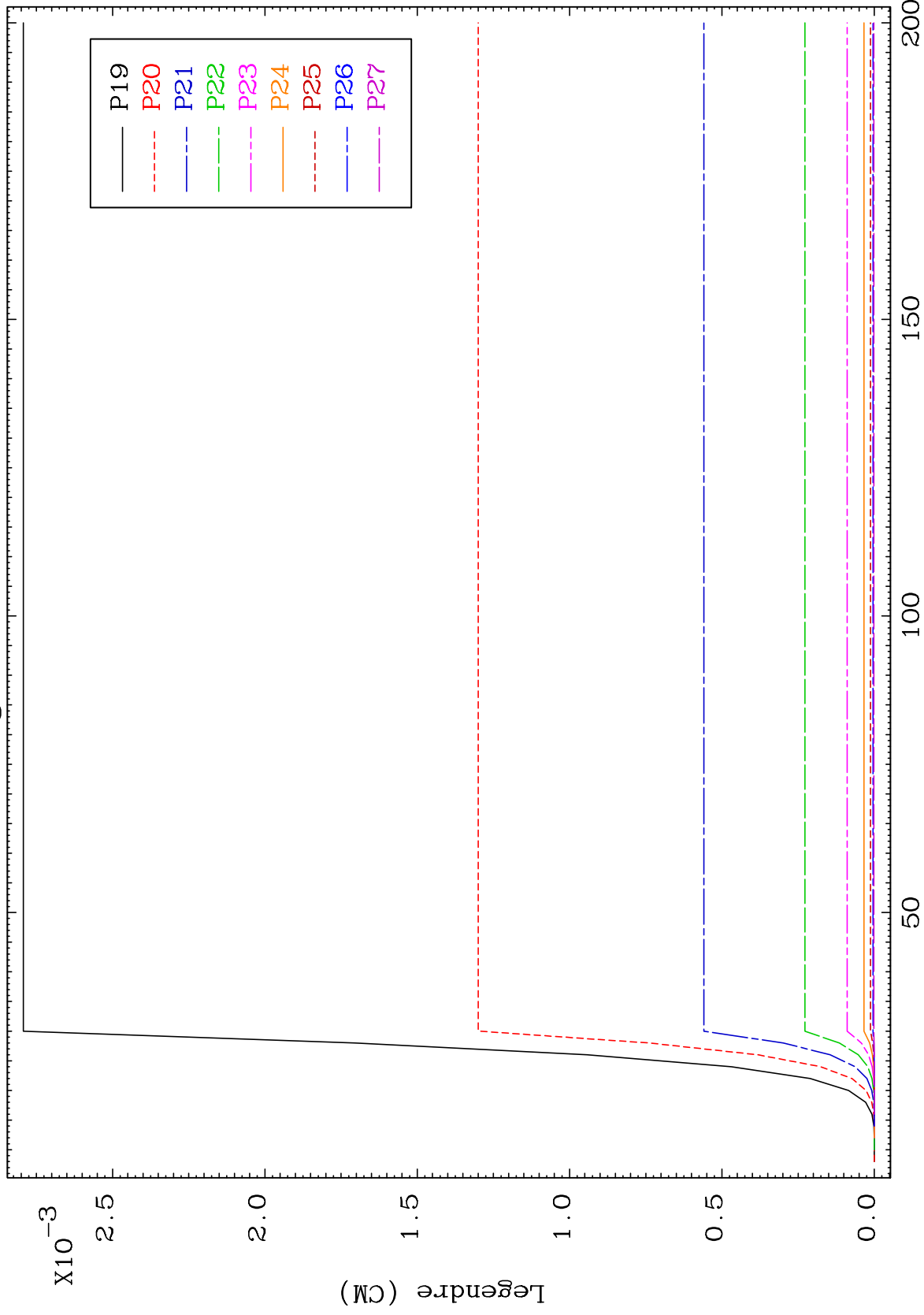
Incident Energy (MeV)

39-Y -87

MAT 3919

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

39-Y -87



35

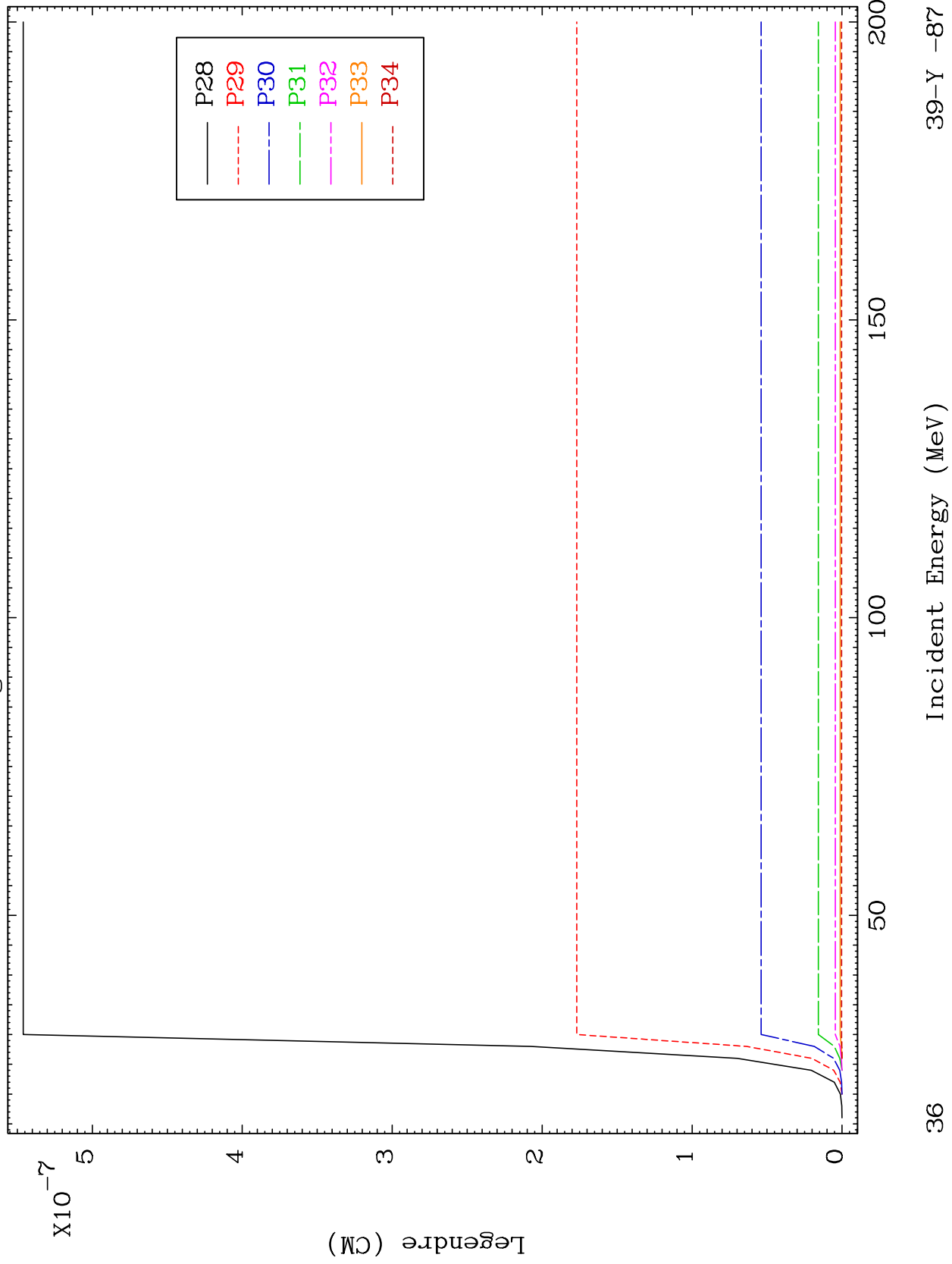
Incident Energy (MeV)

39-Y -87

MAT 3919

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

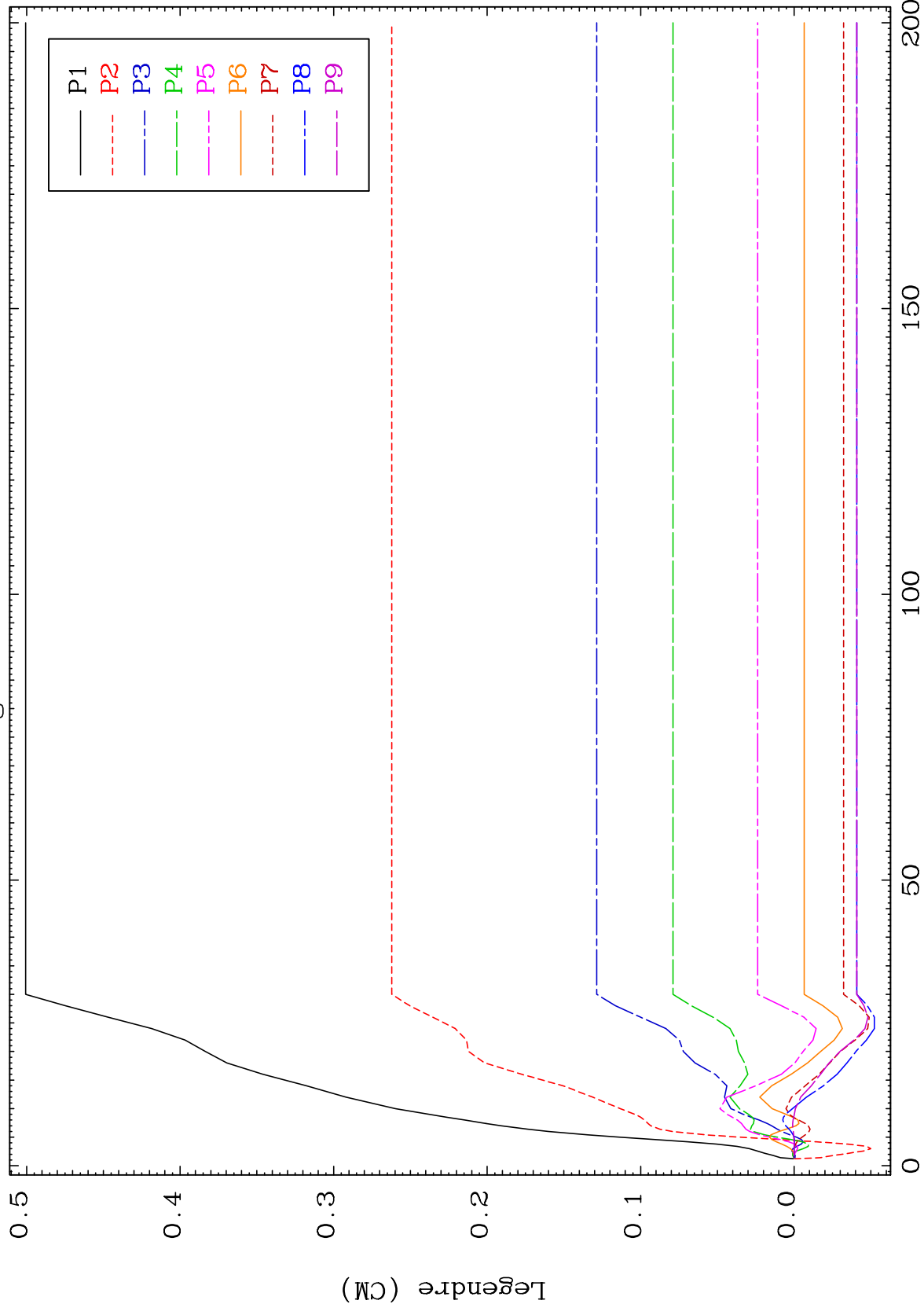
39-Y -87



MAT 3919

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

39-Y -87



37

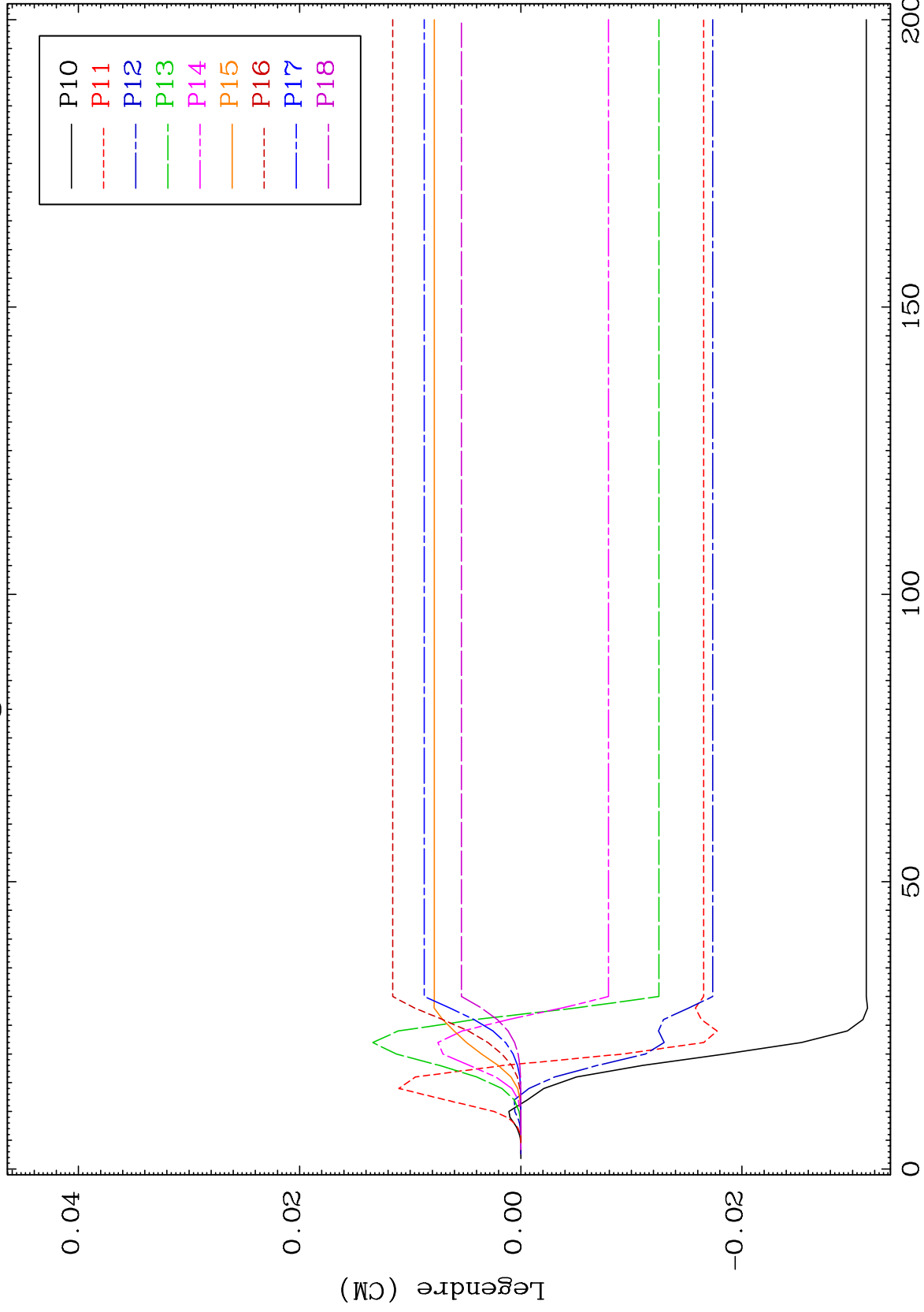
Incident Energy (MeV)

39-Y -87

MAT 3919

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

39-Y -87



38

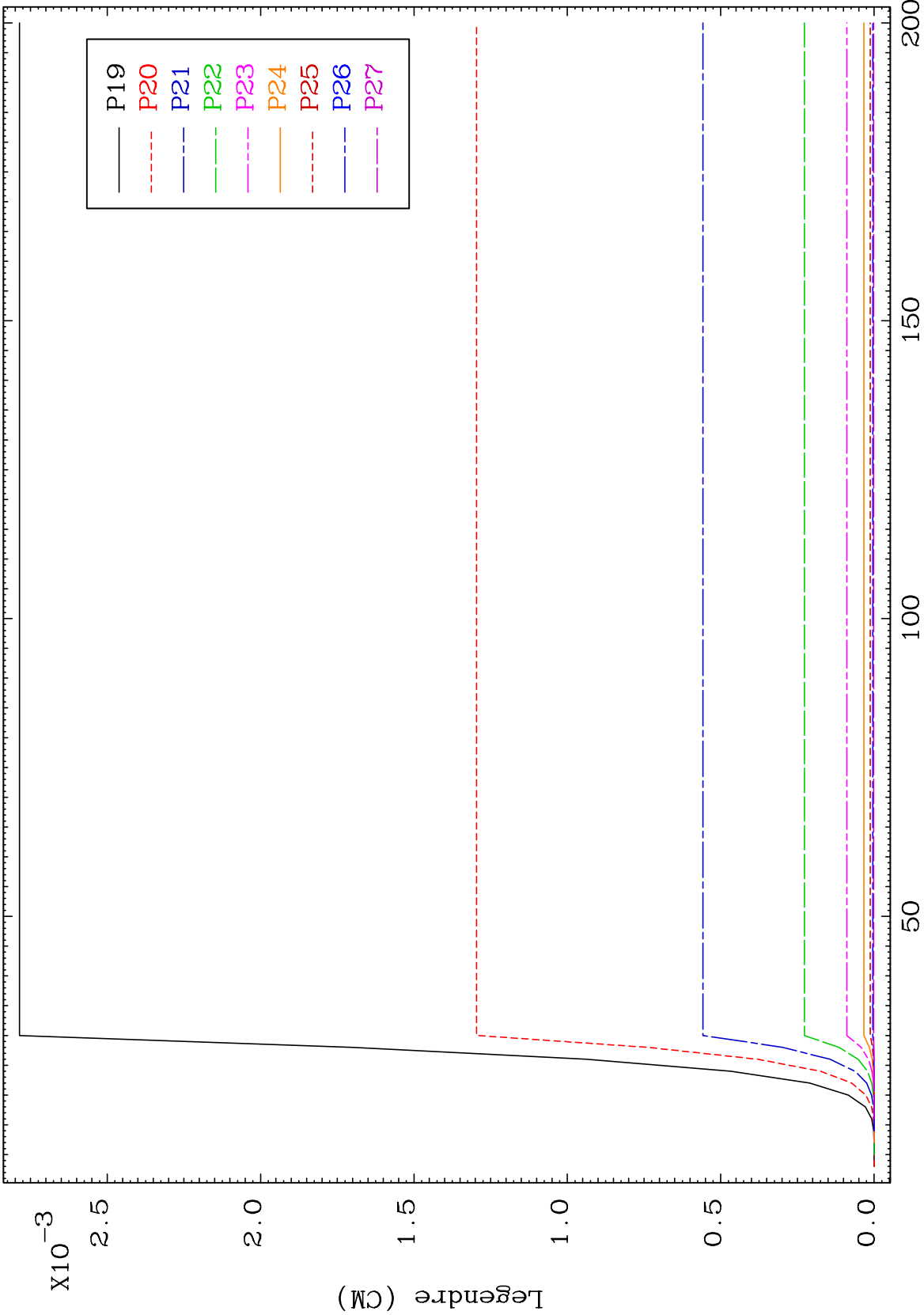
Incident Energy (MeV)

39-Y -87

MAT 3919

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

39-Y -87



39

Incident Energy (MeV)

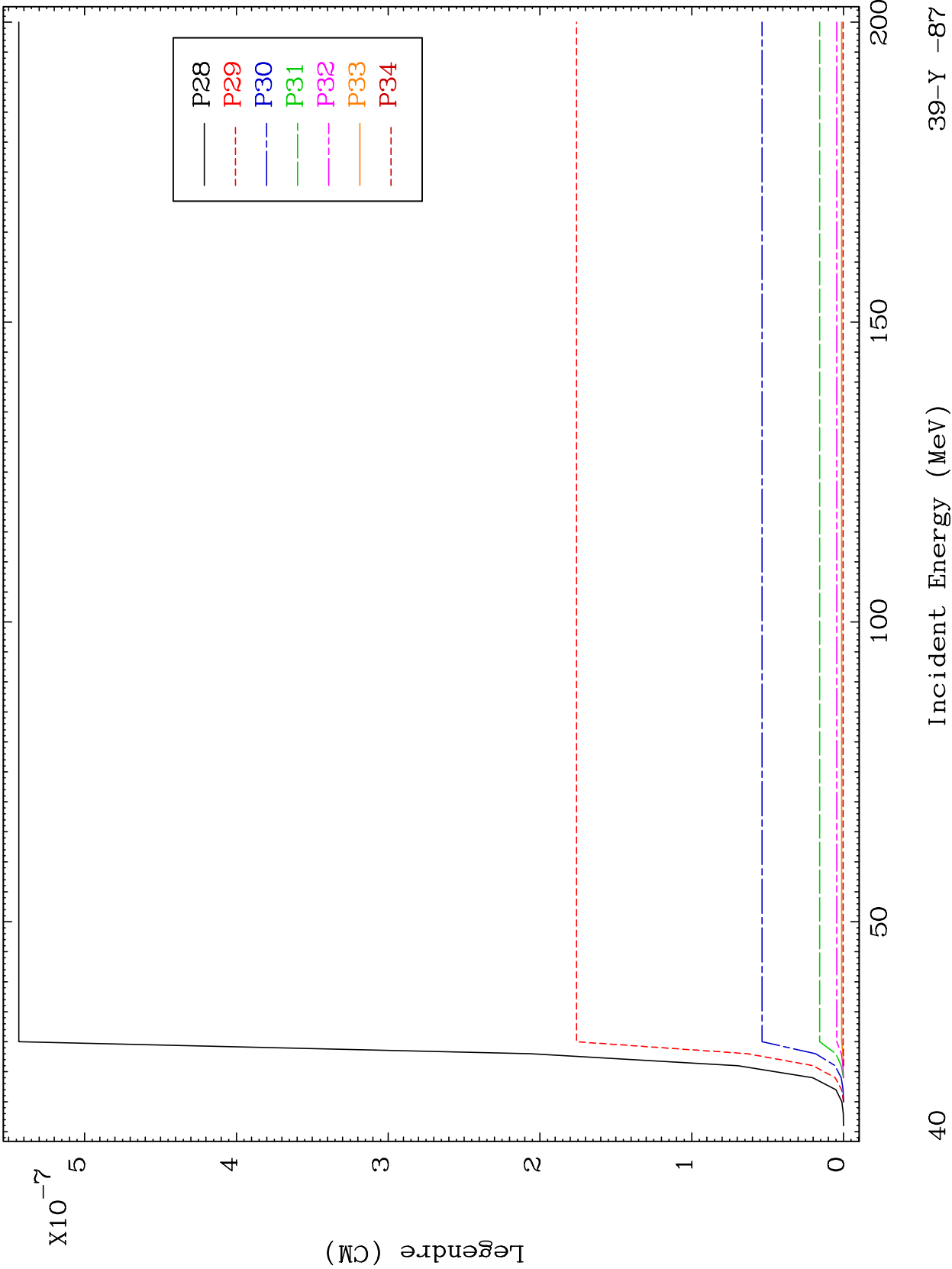
39-Y -87



MAT 3919

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

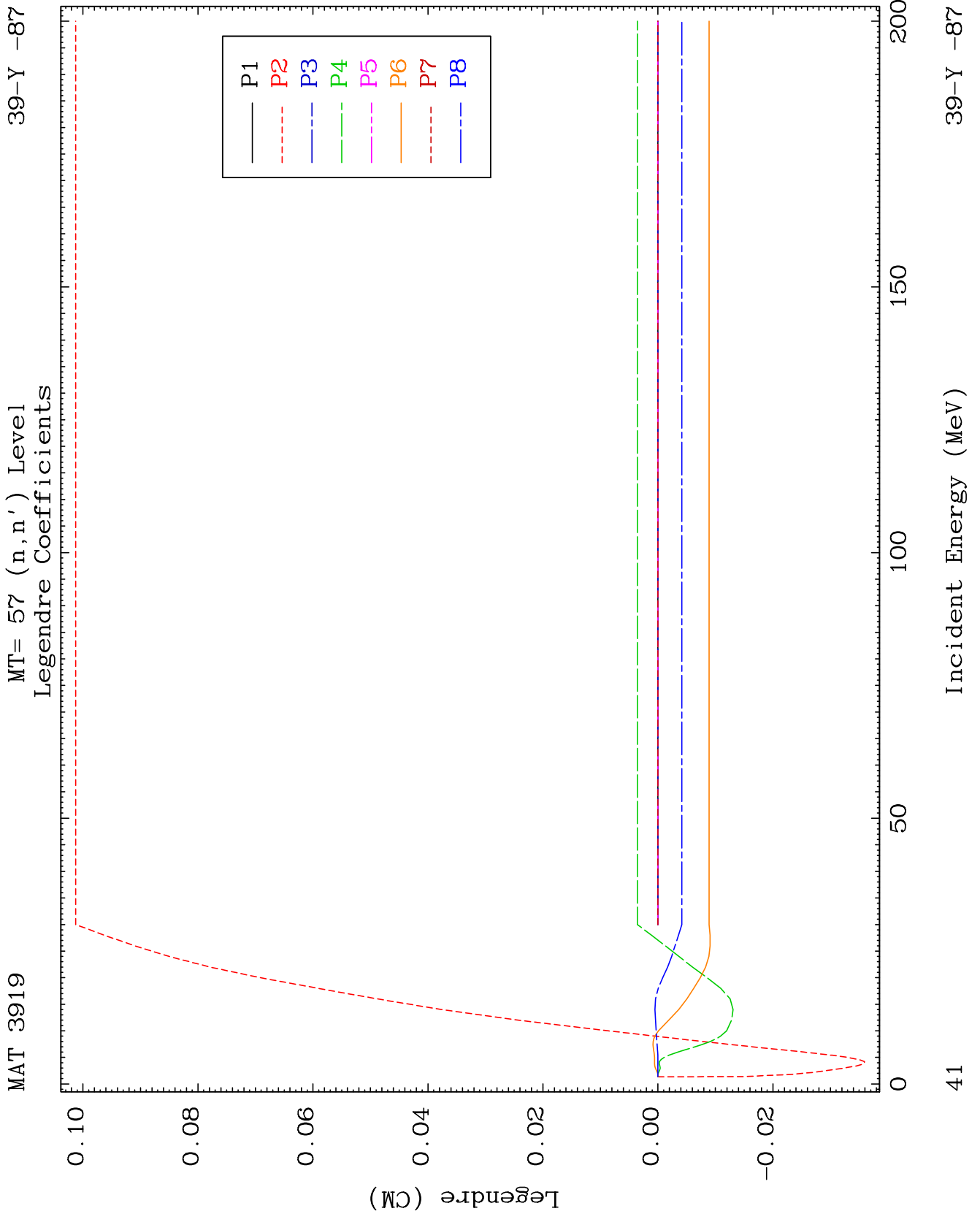
39-Y -87



40

Incident Energy (MeV)

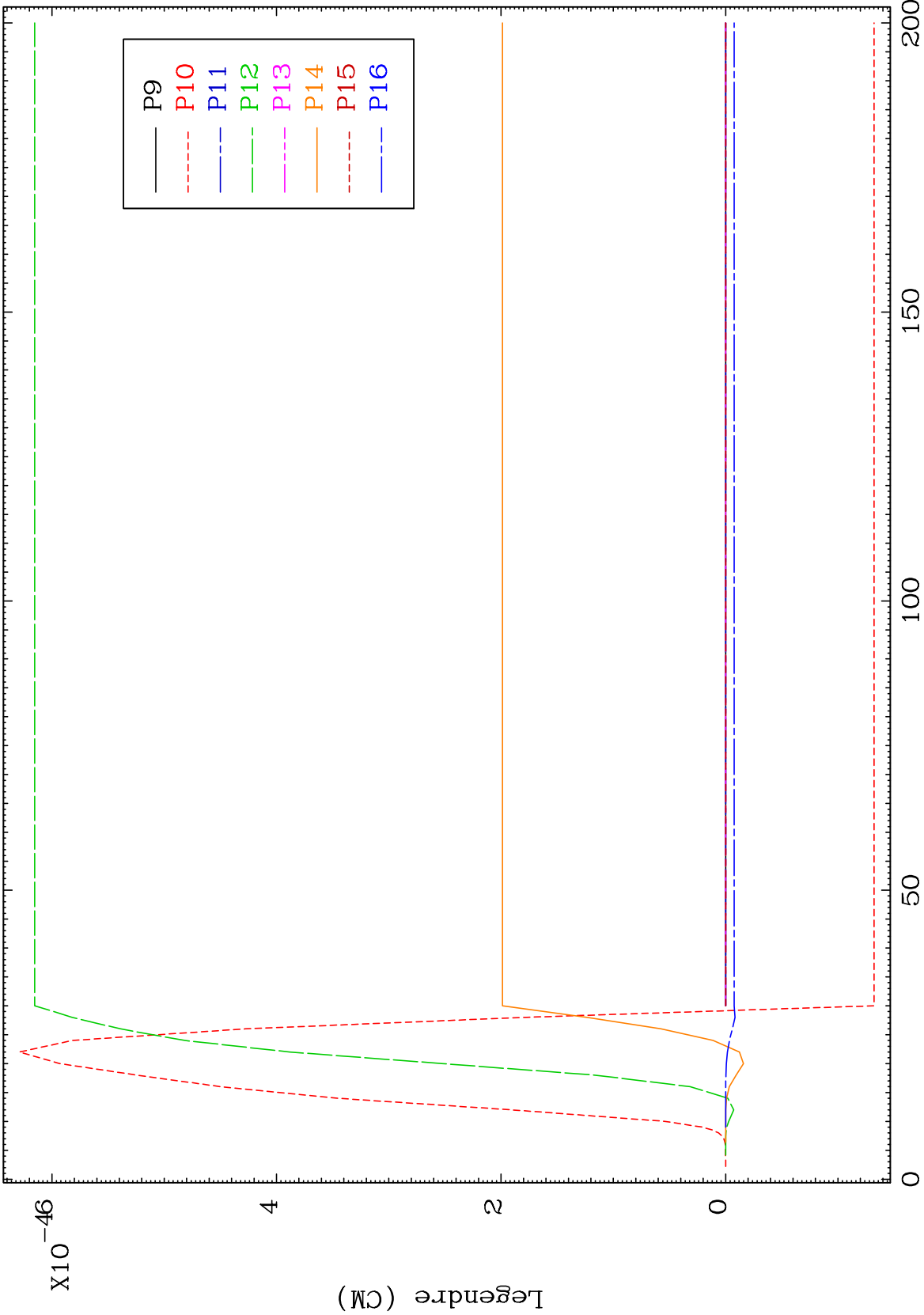
39-Y -87



MAT 3919

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

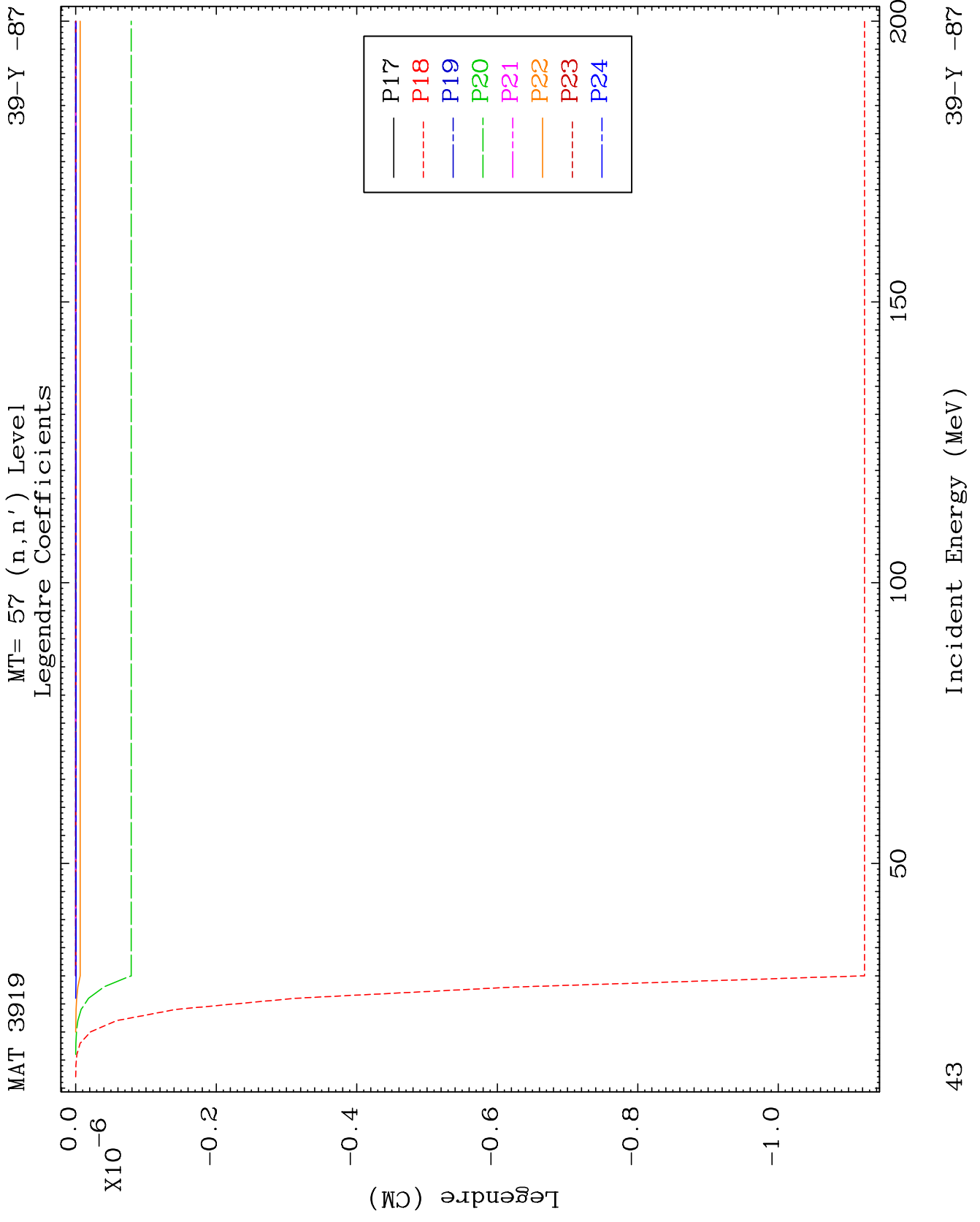
39-Y -87



42

Incident Energy (MeV)

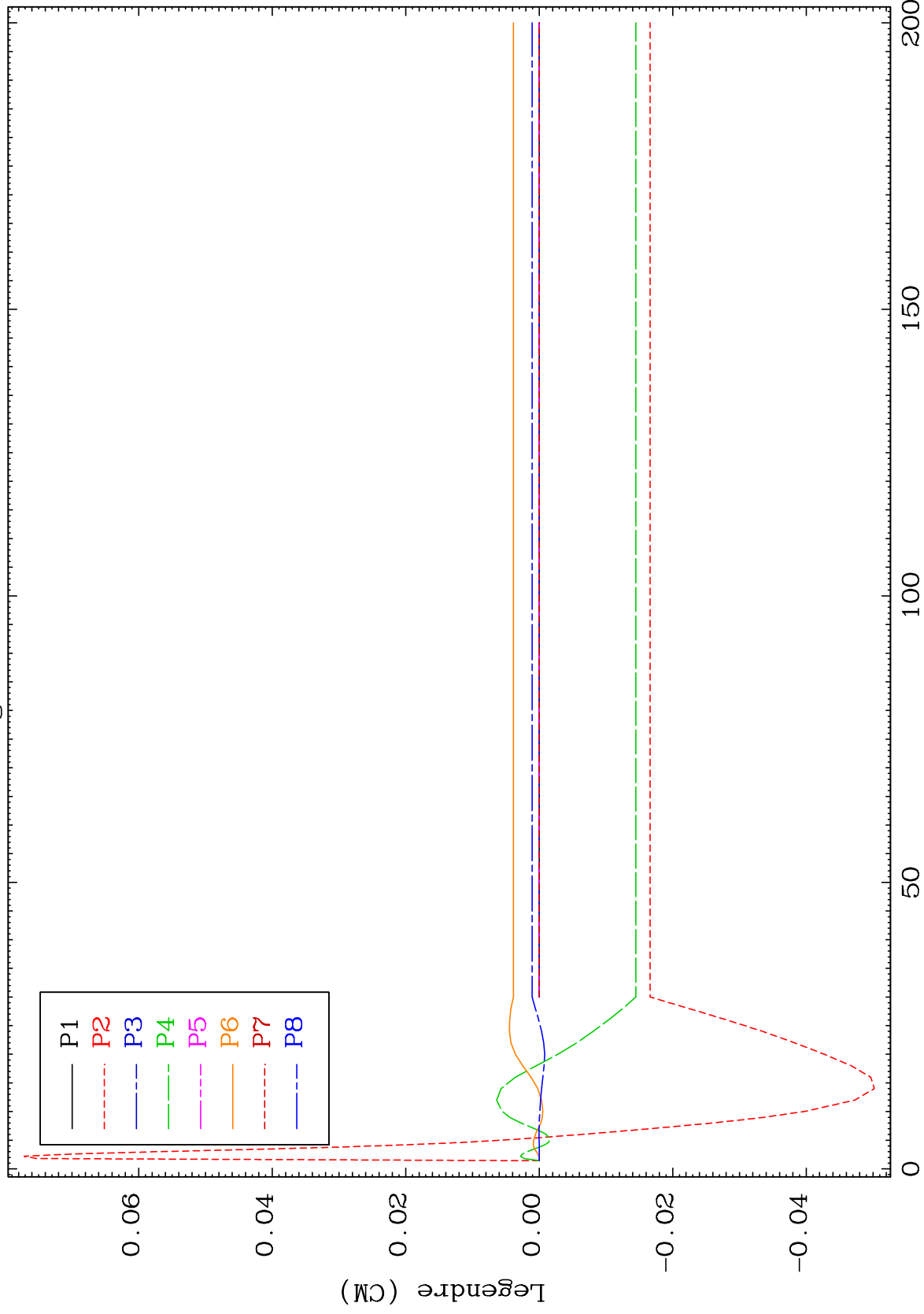
39-Y -87



MAT 3919

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

39-Y -87



44

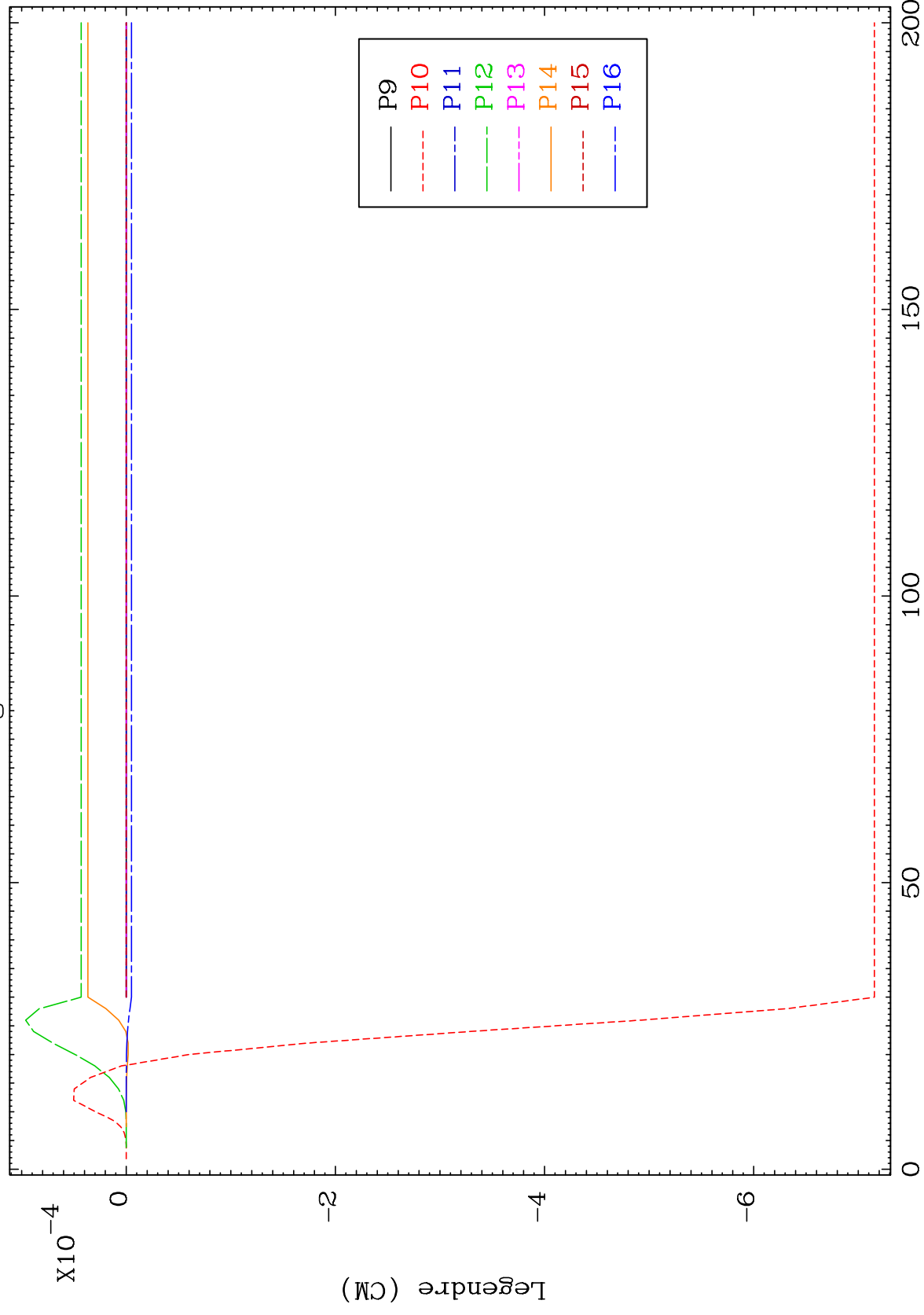
Incident Energy (MeV)

39-Y -87

MAT 3919

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

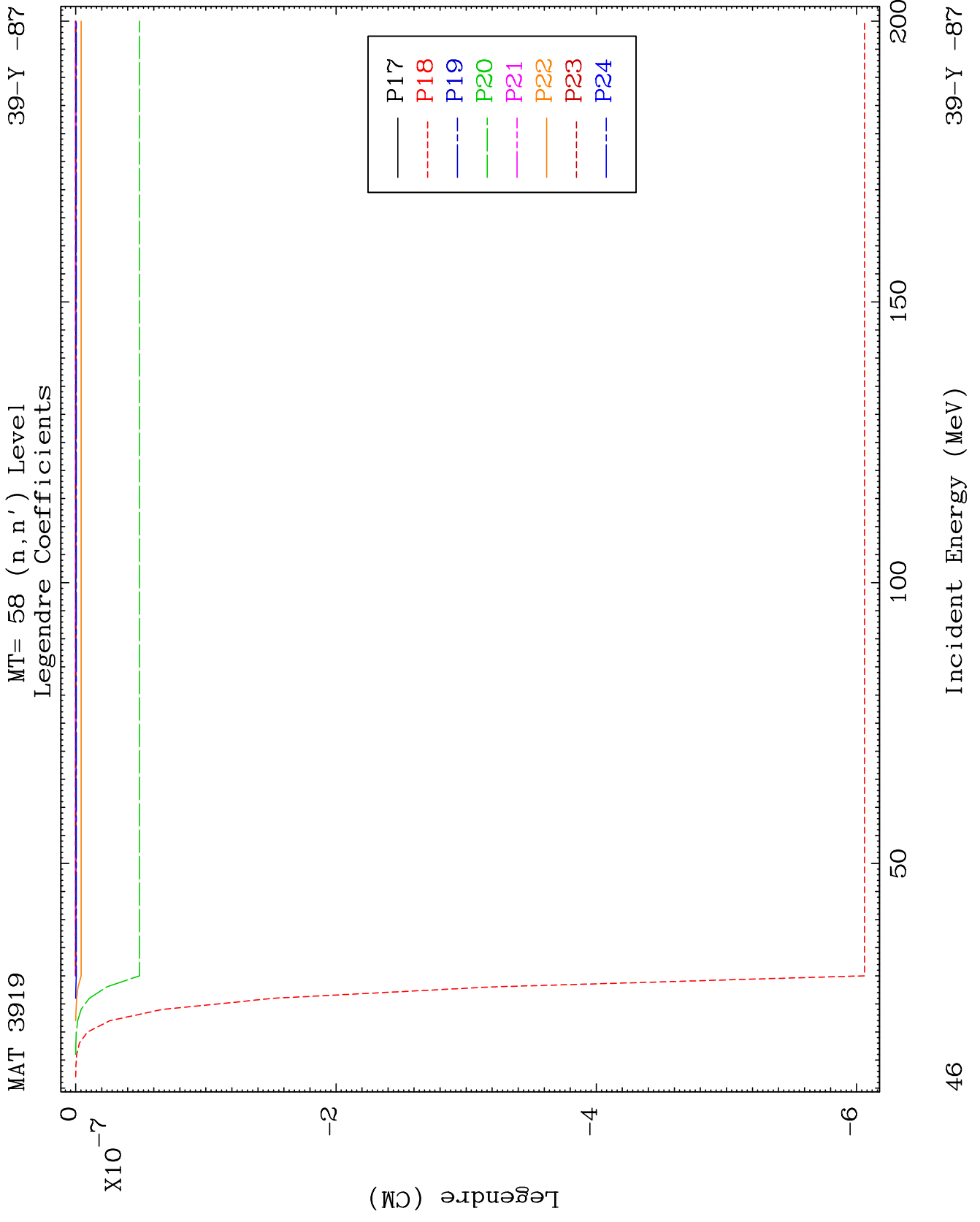
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45

Incident Energy (MeV)

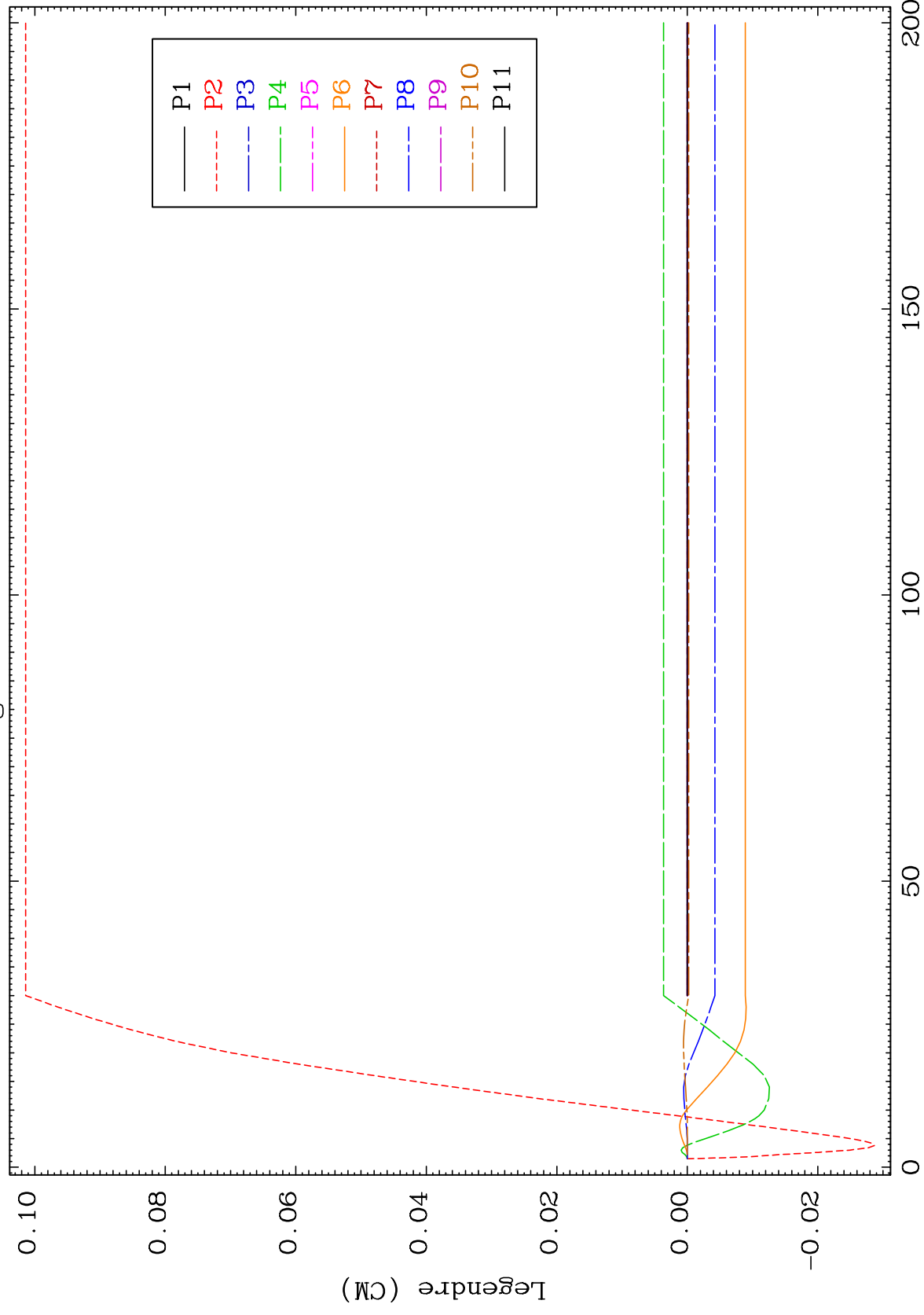
39-Y -87



MAT 3919

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

39-Y -87



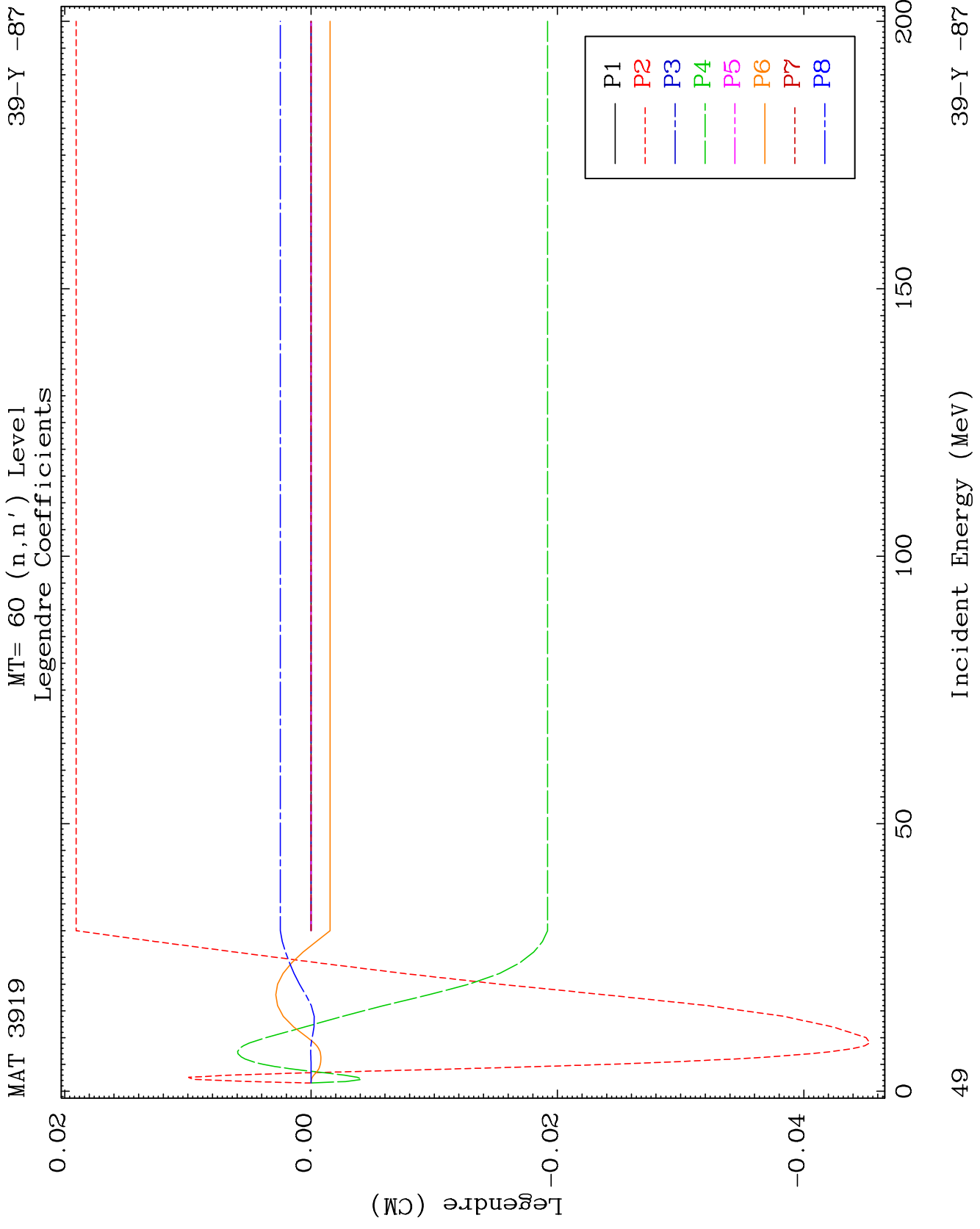
47

Incident Energy (MeV)

39-Y -87



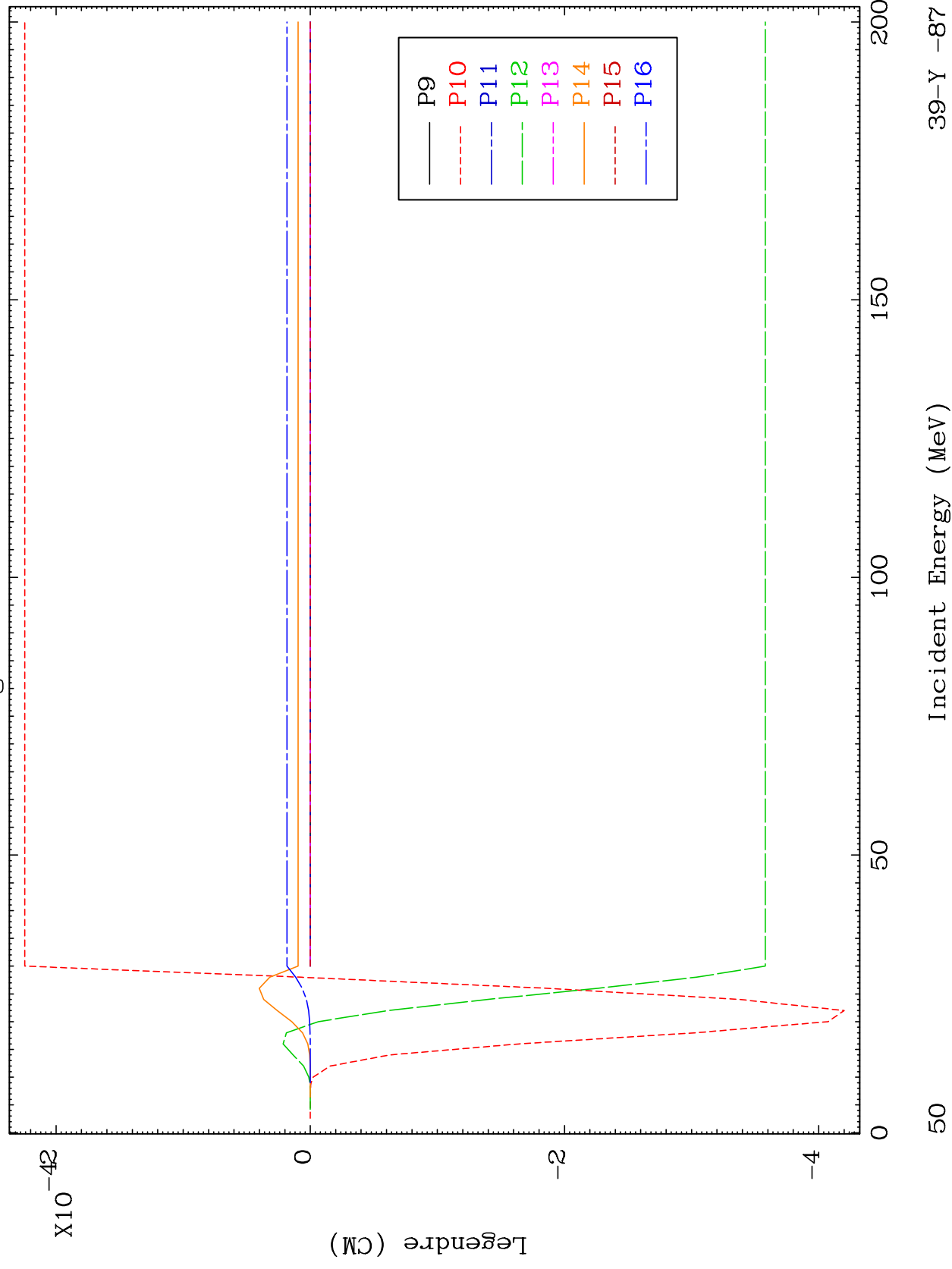




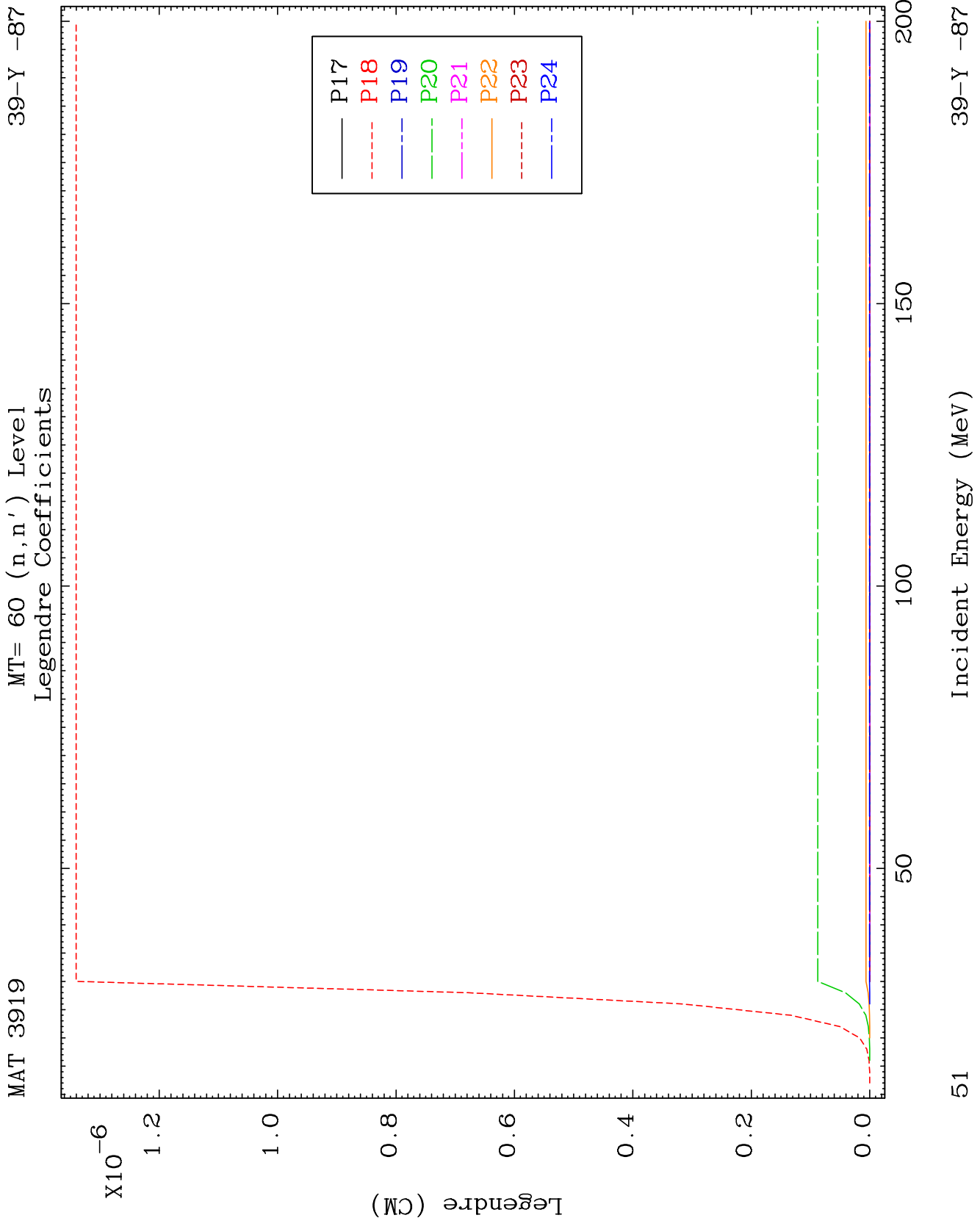
MAT 3919

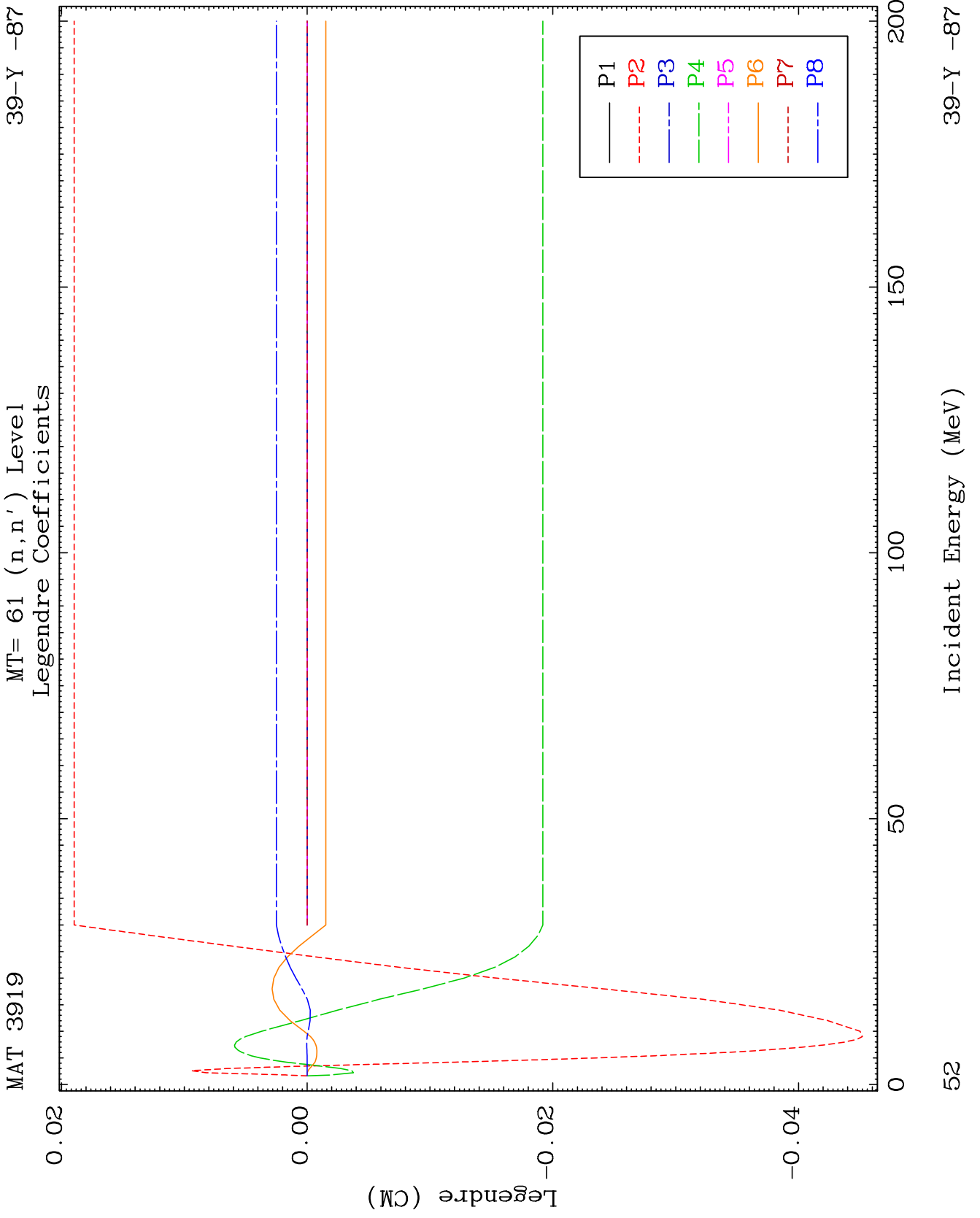
MT= 60 (n,n') Level  
Legendre Coefficients

39-Y -87



39-Y -87

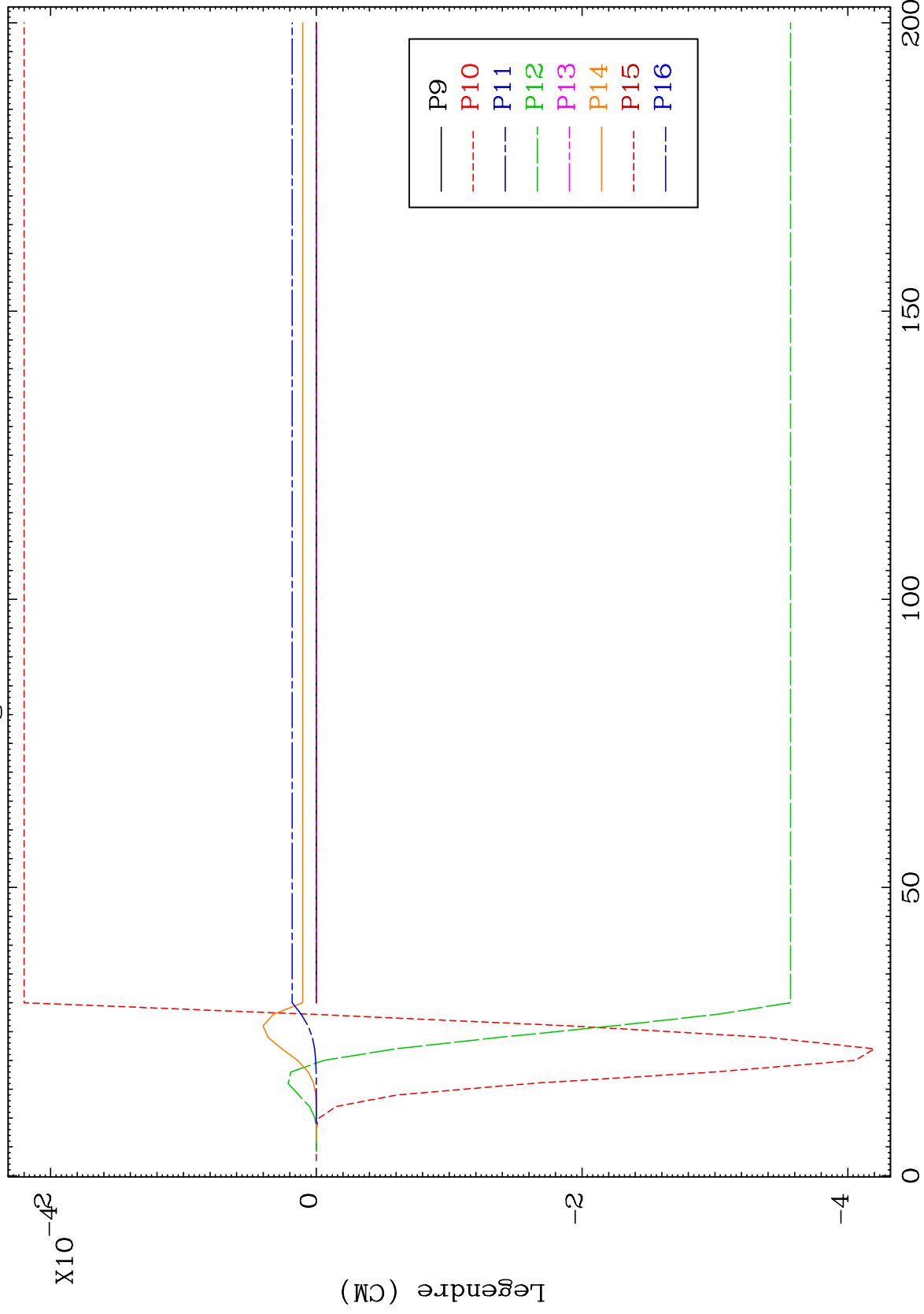




MAT 3919

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

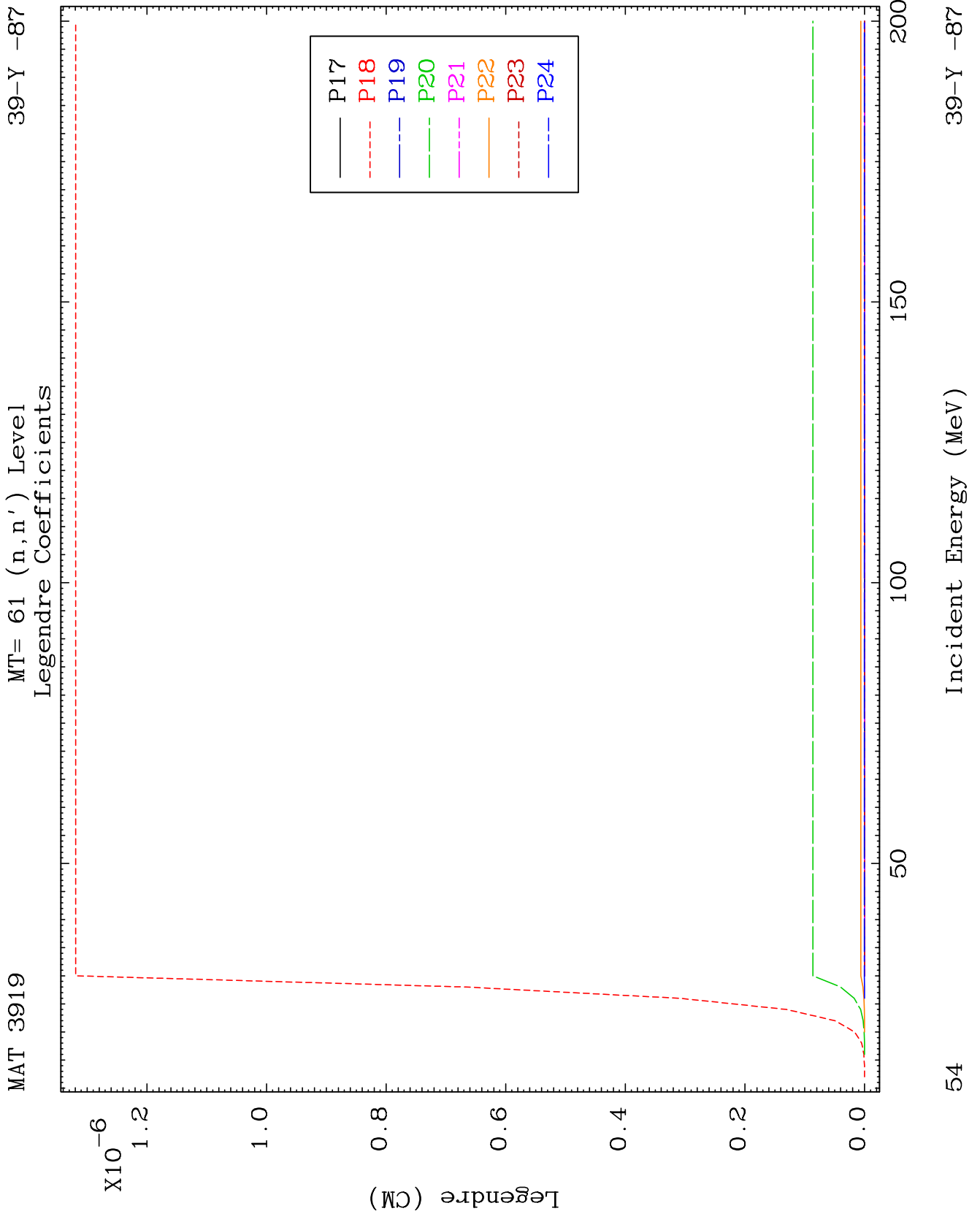
39-Y -87



53

Incident Energy (MeV)

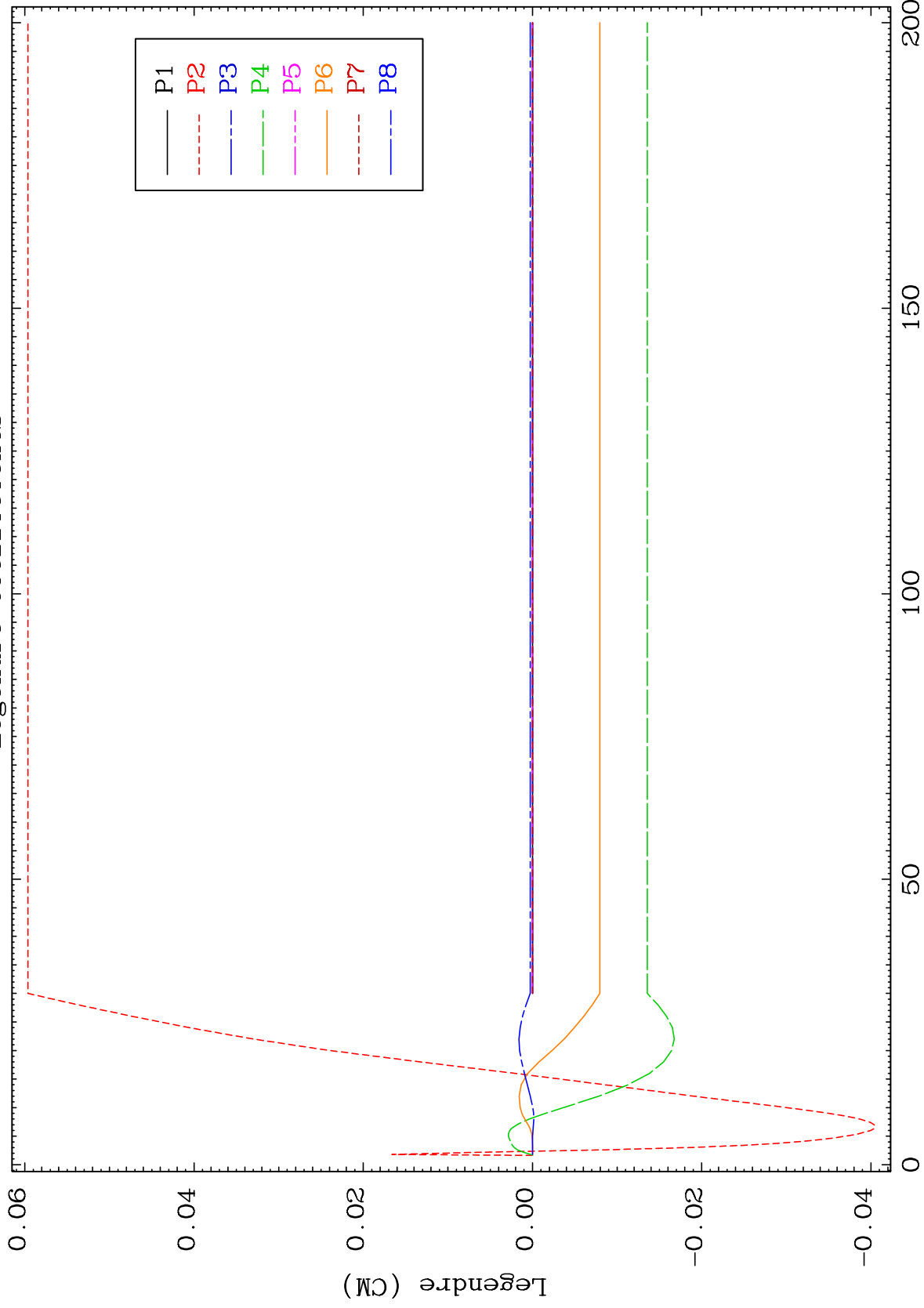
39-Y -87



MAT 3919

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

39-Y -87

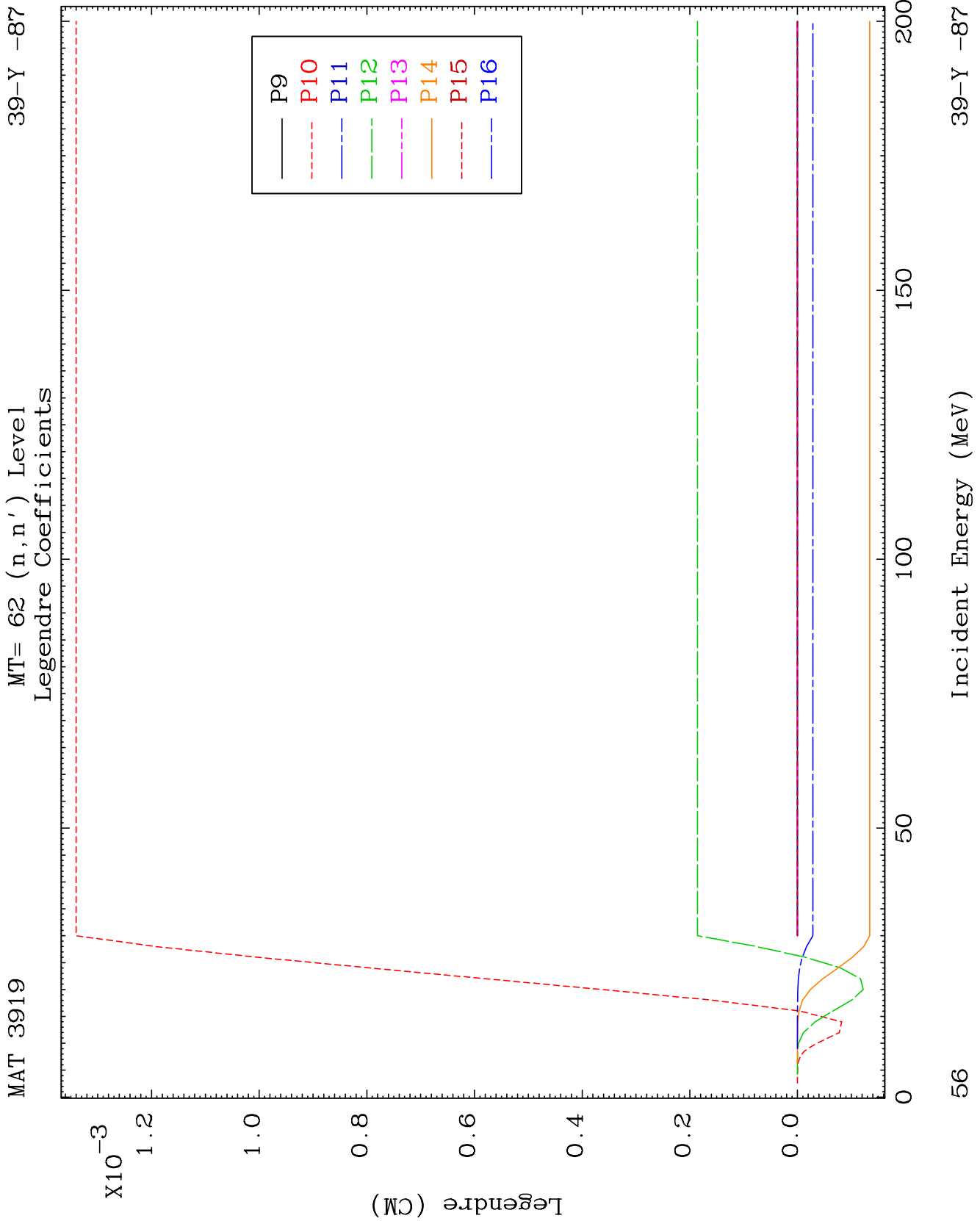


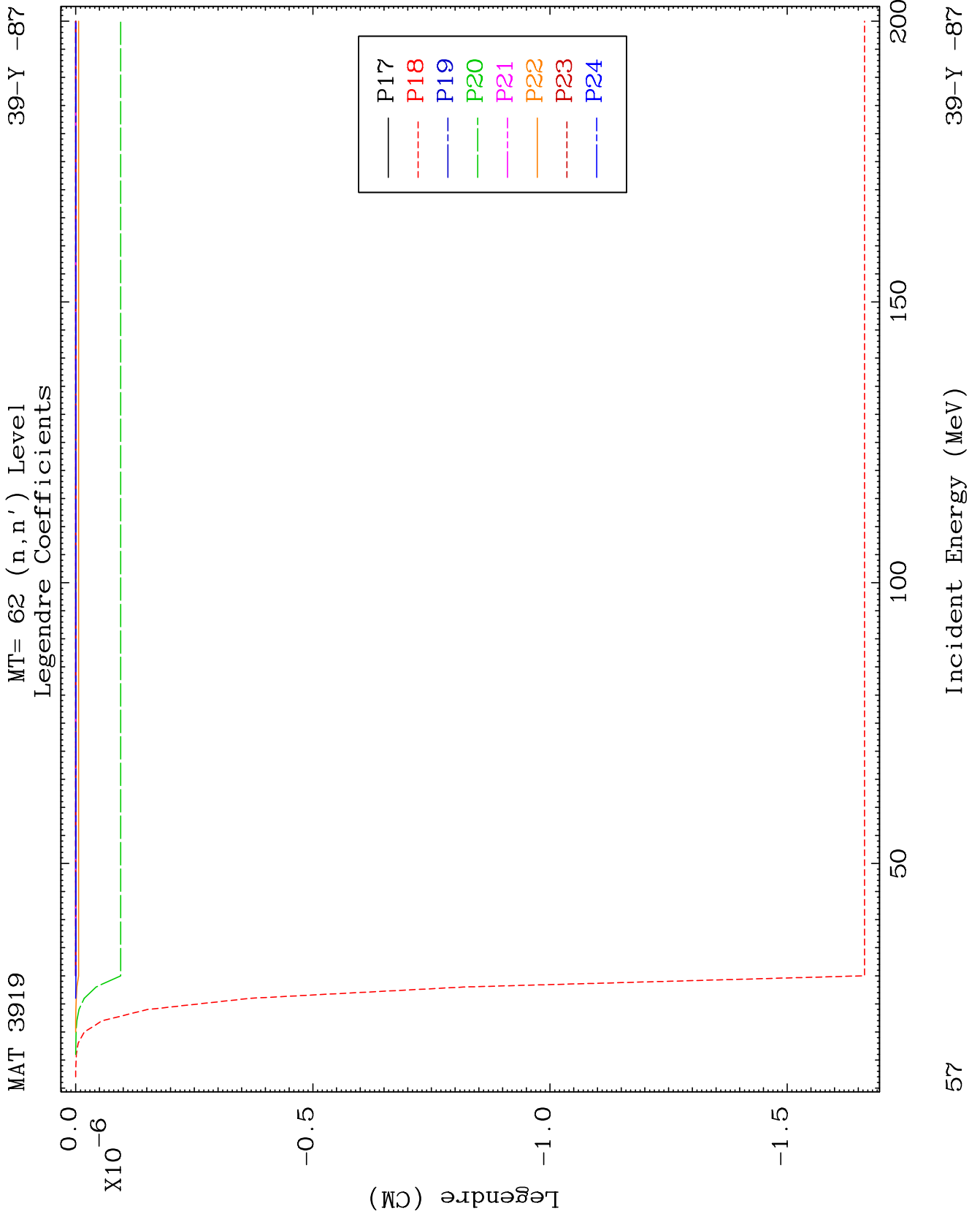
Incident Energy (MeV)

39-Y -87

55



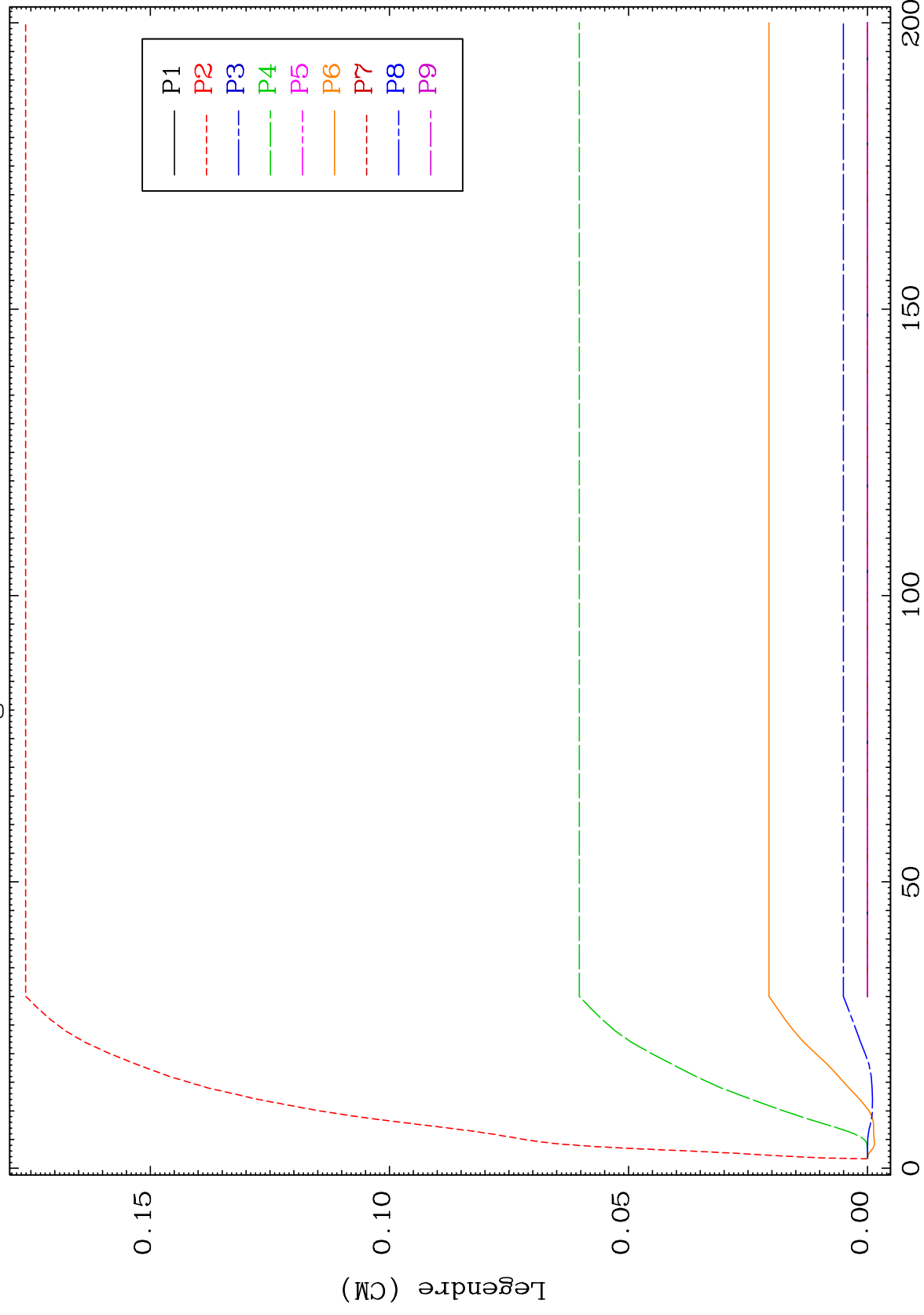




MAT 3919

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

39-Y -87



58

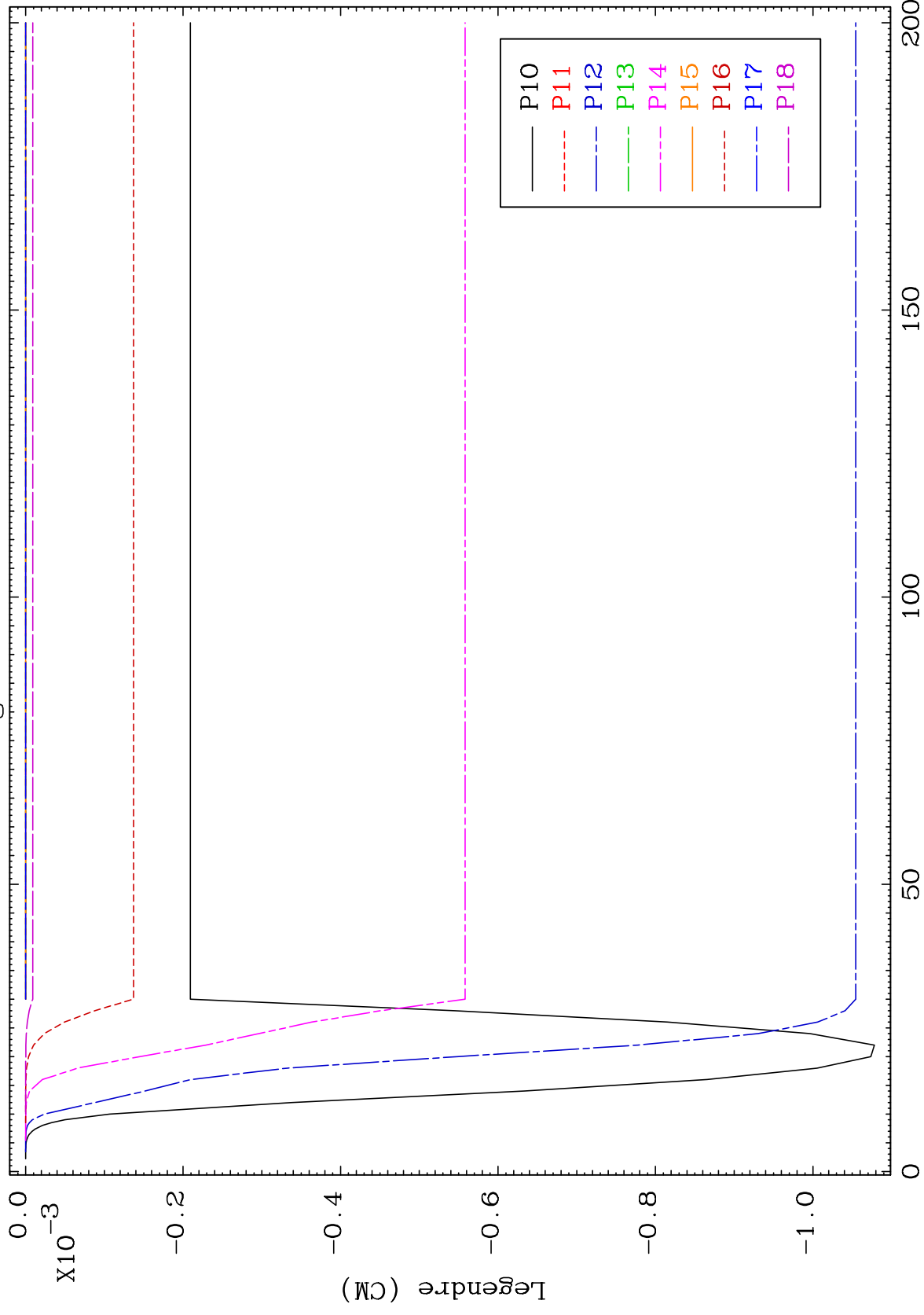
Incident Energy (MeV)

39-Y -87

MAT 3919

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

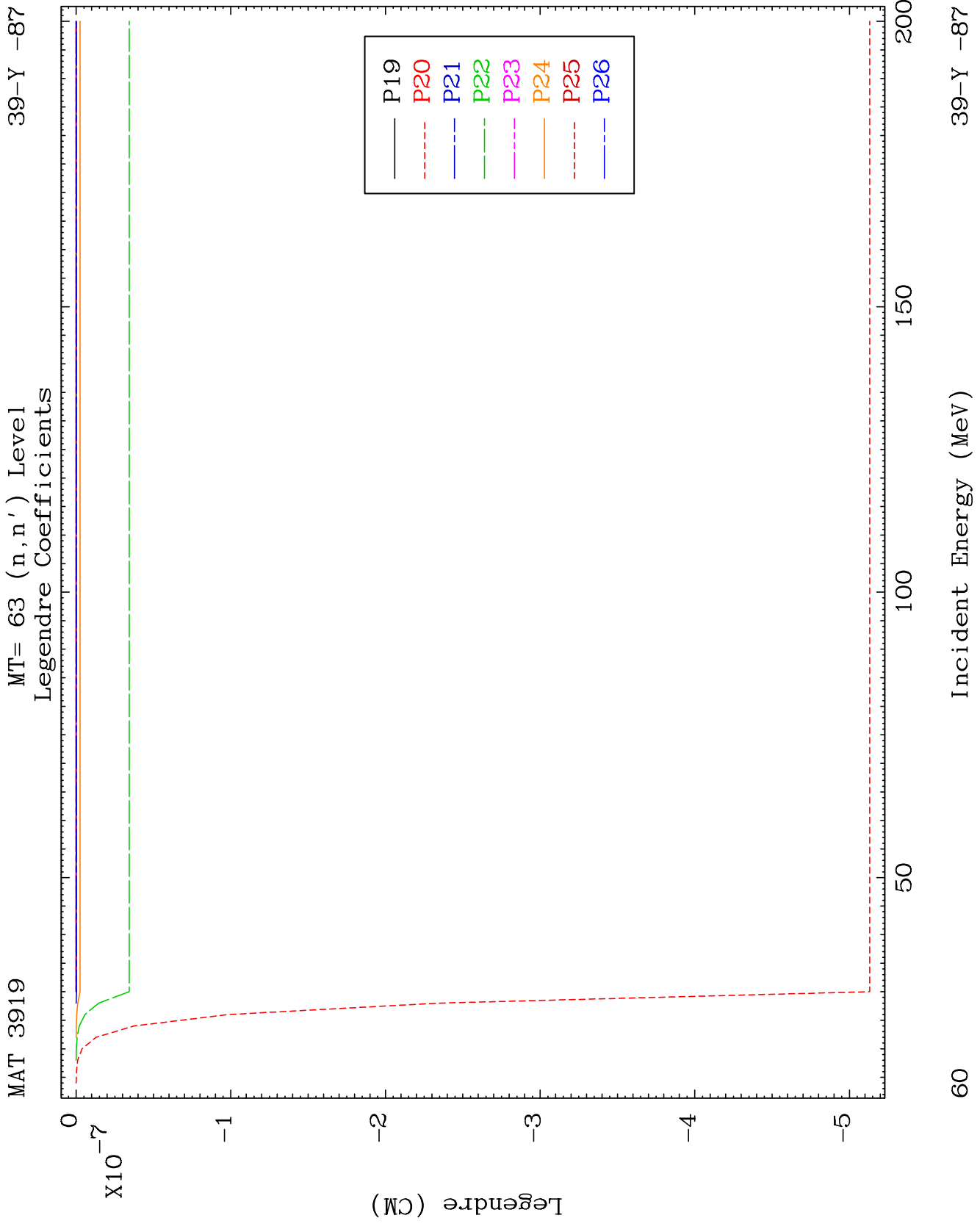
39-Y -87



59

Incident Energy (MeV)

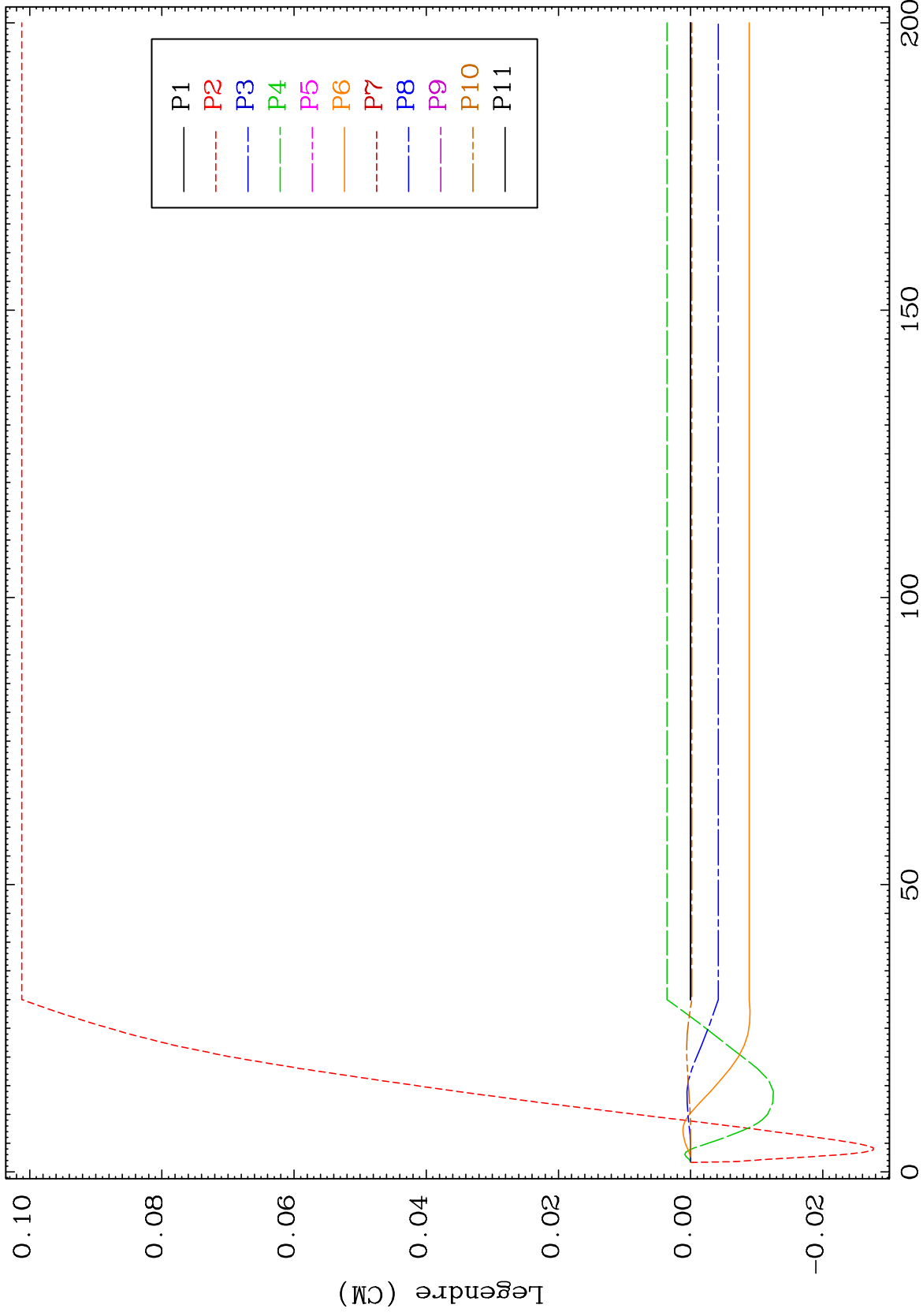
39-Y -87



MAT 3919

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

39-Y -87



61

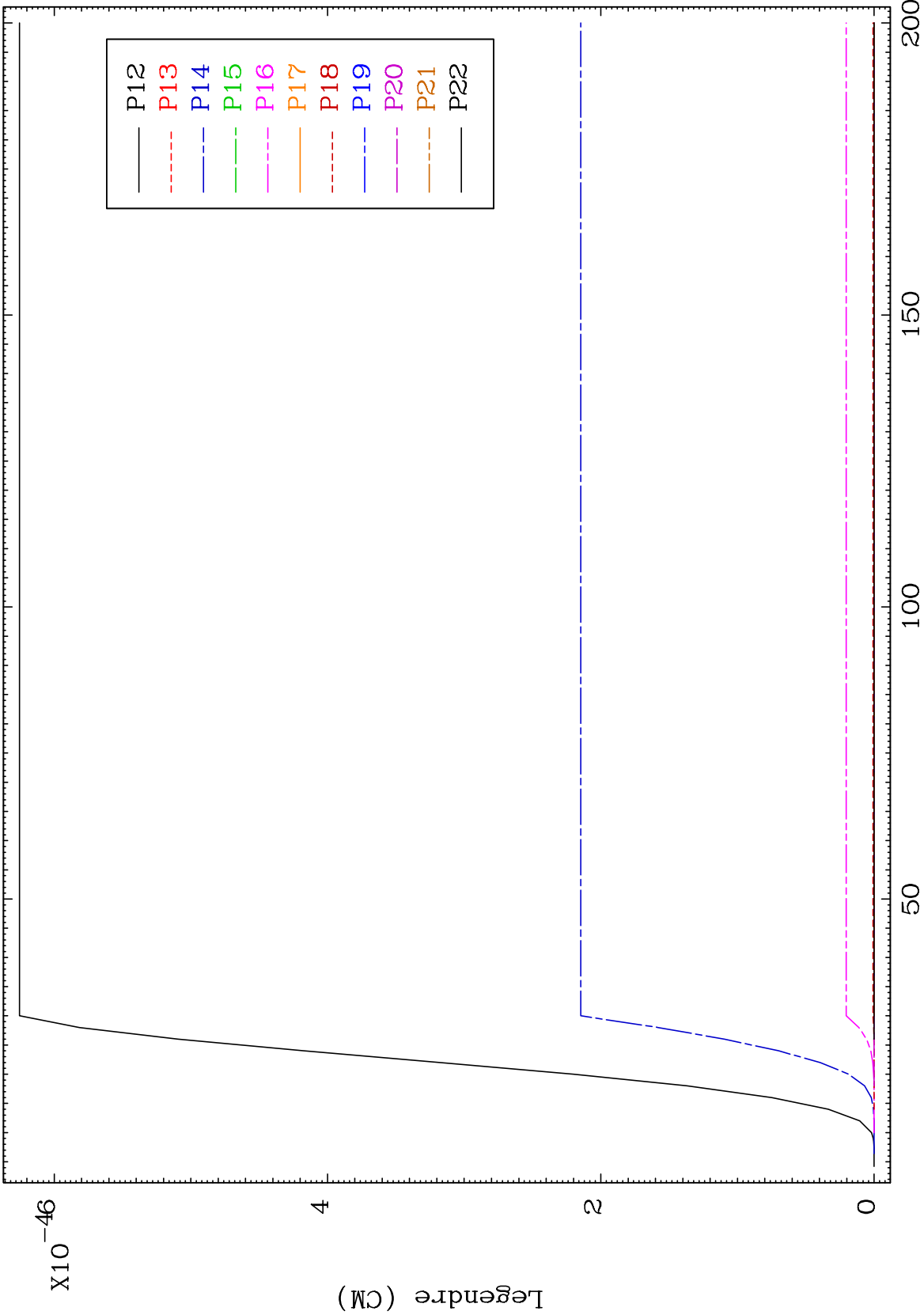
Incident Energy (MeV)

39-Y -87

MAT 3919

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

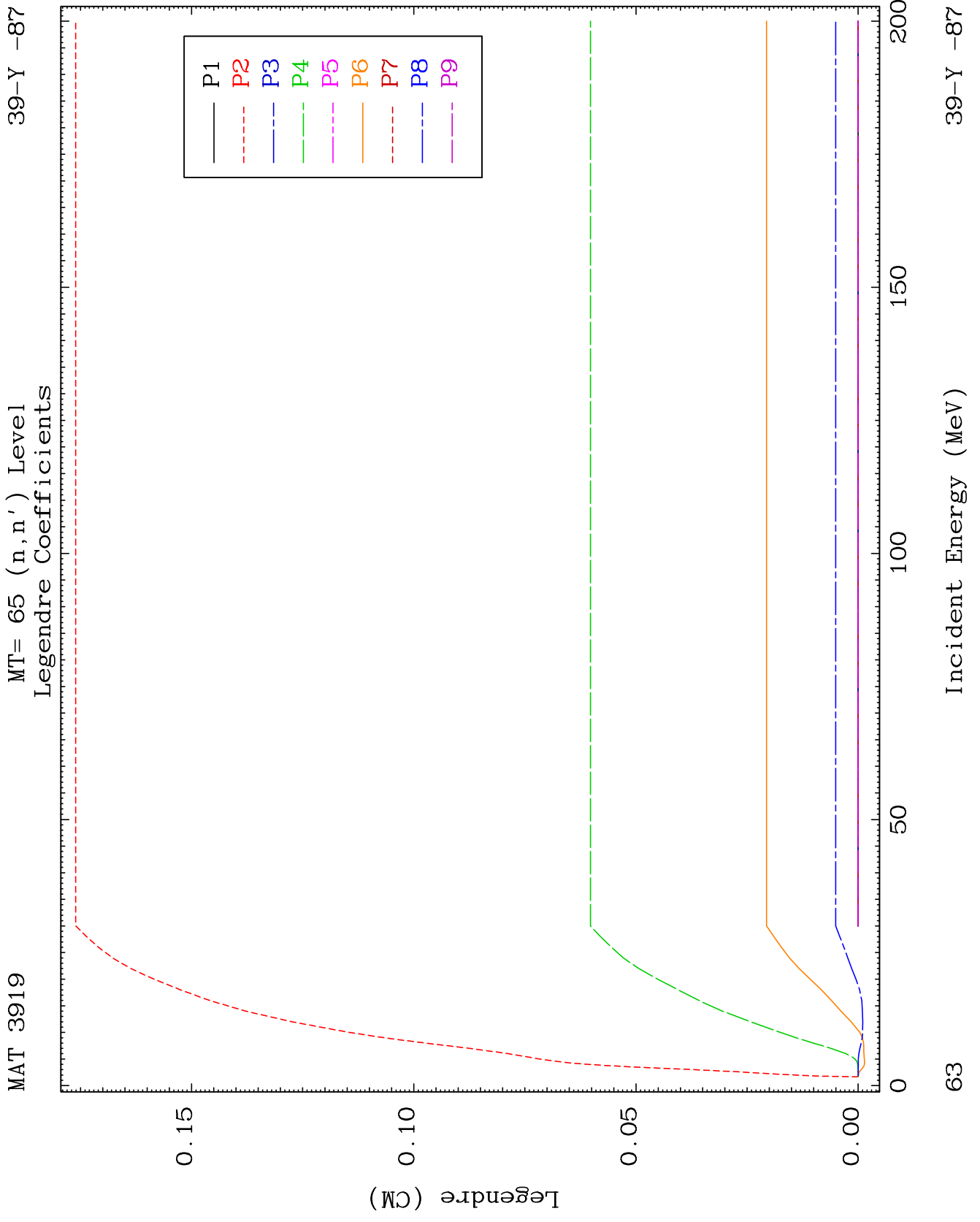
39-Y -87



62

Incident Energy (MeV)

39-Y -87

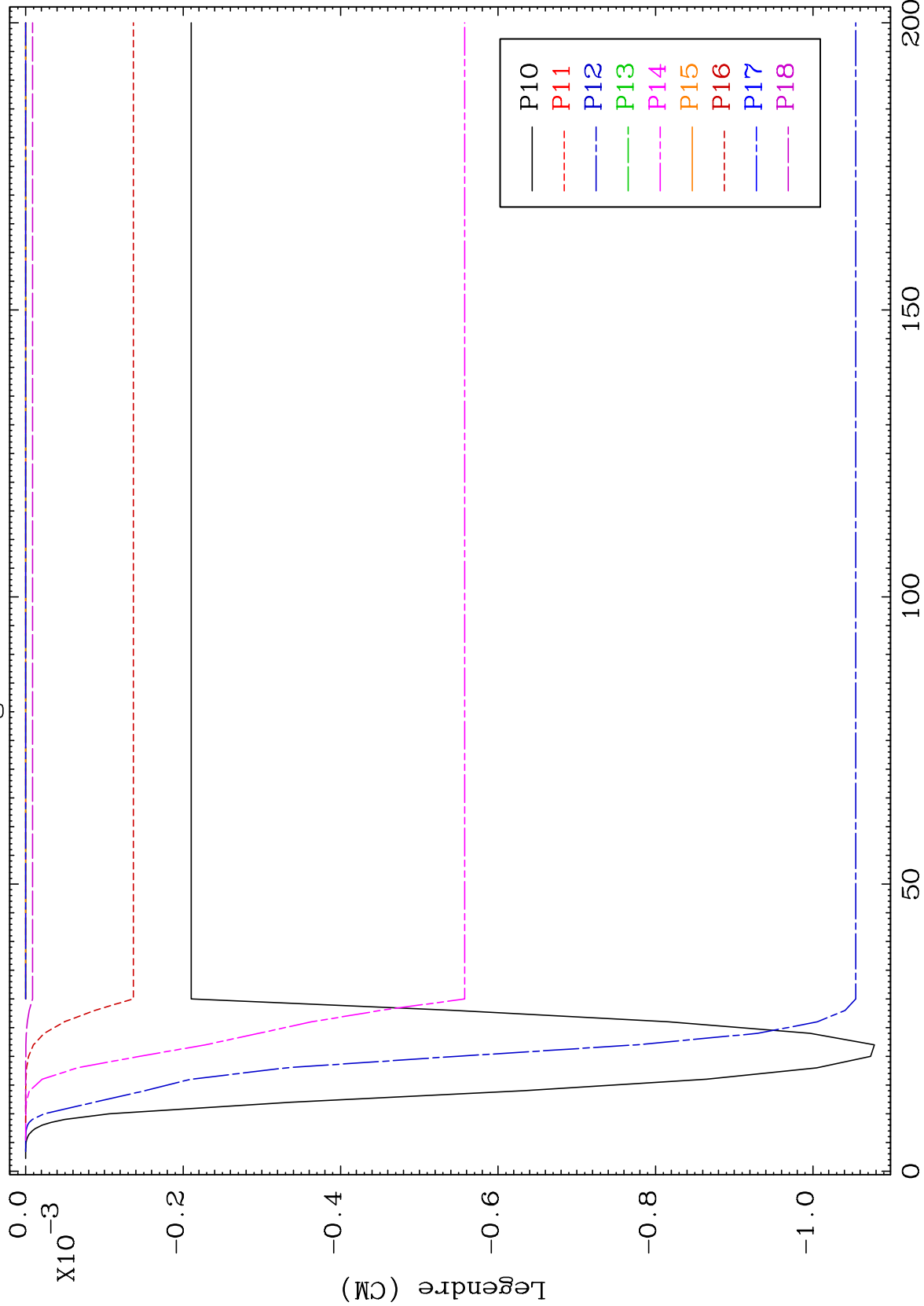




MAT 3919

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

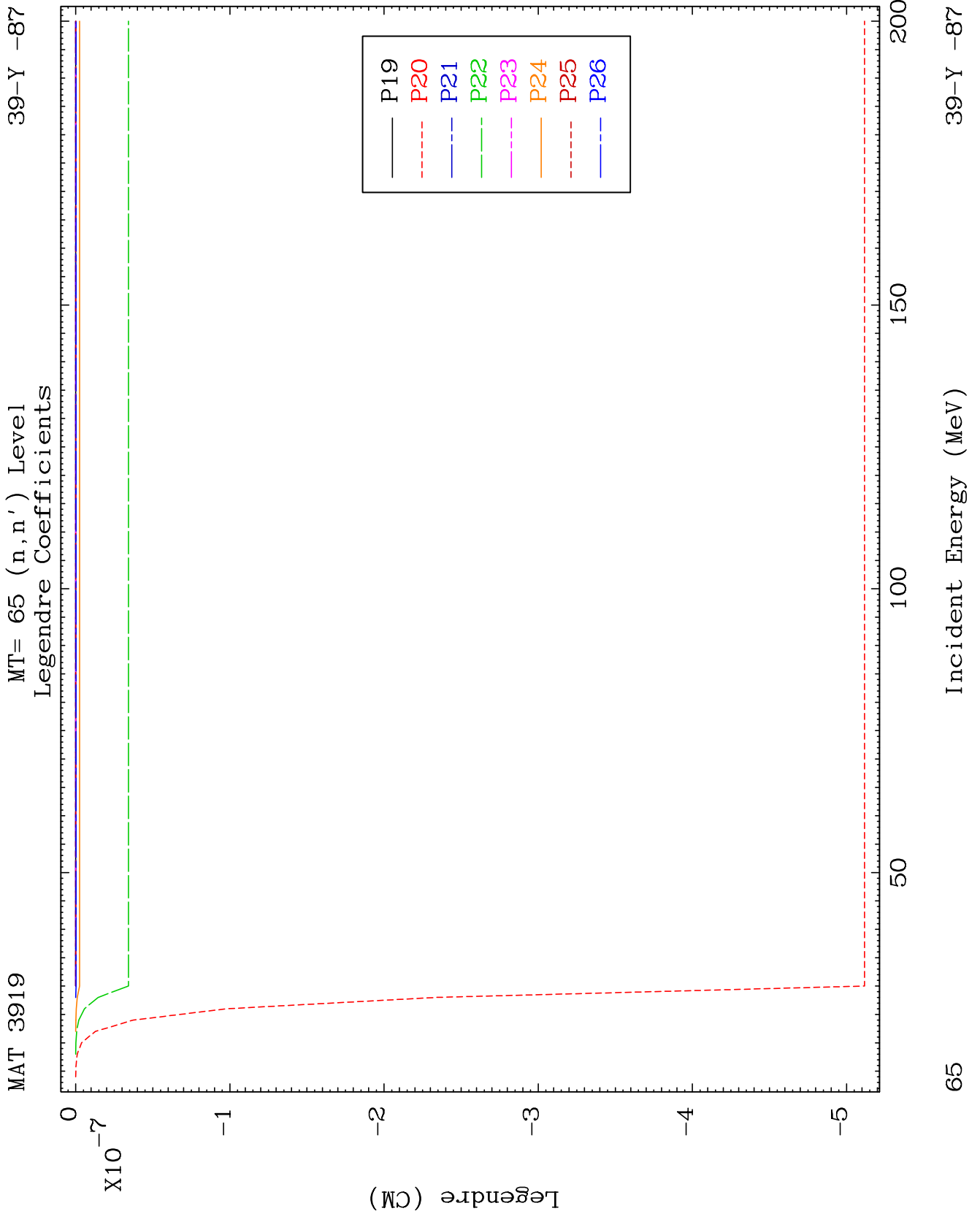
39-Y -87

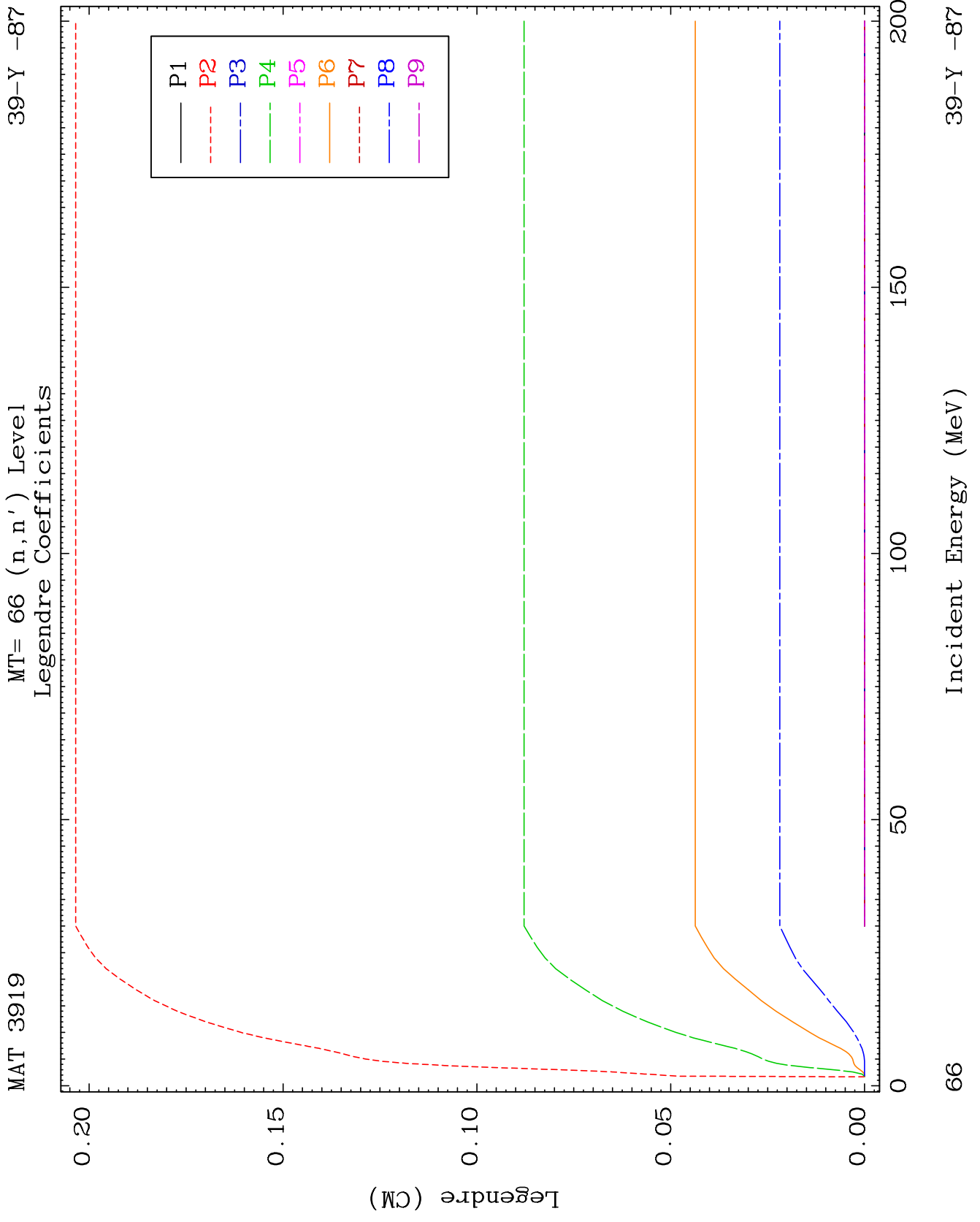


64

Incident Energy (MeV)

39-Y -87

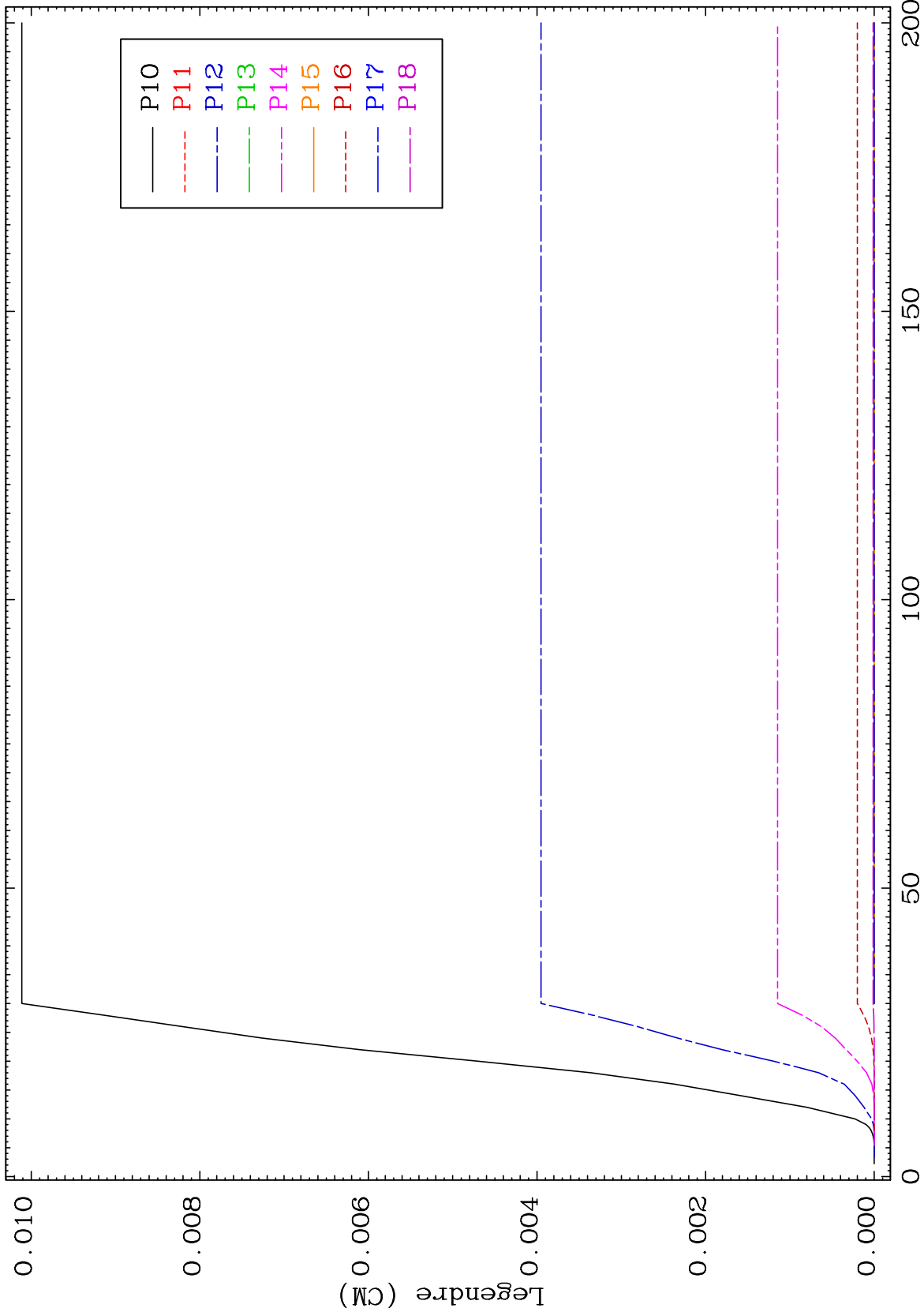




MAT 3919

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

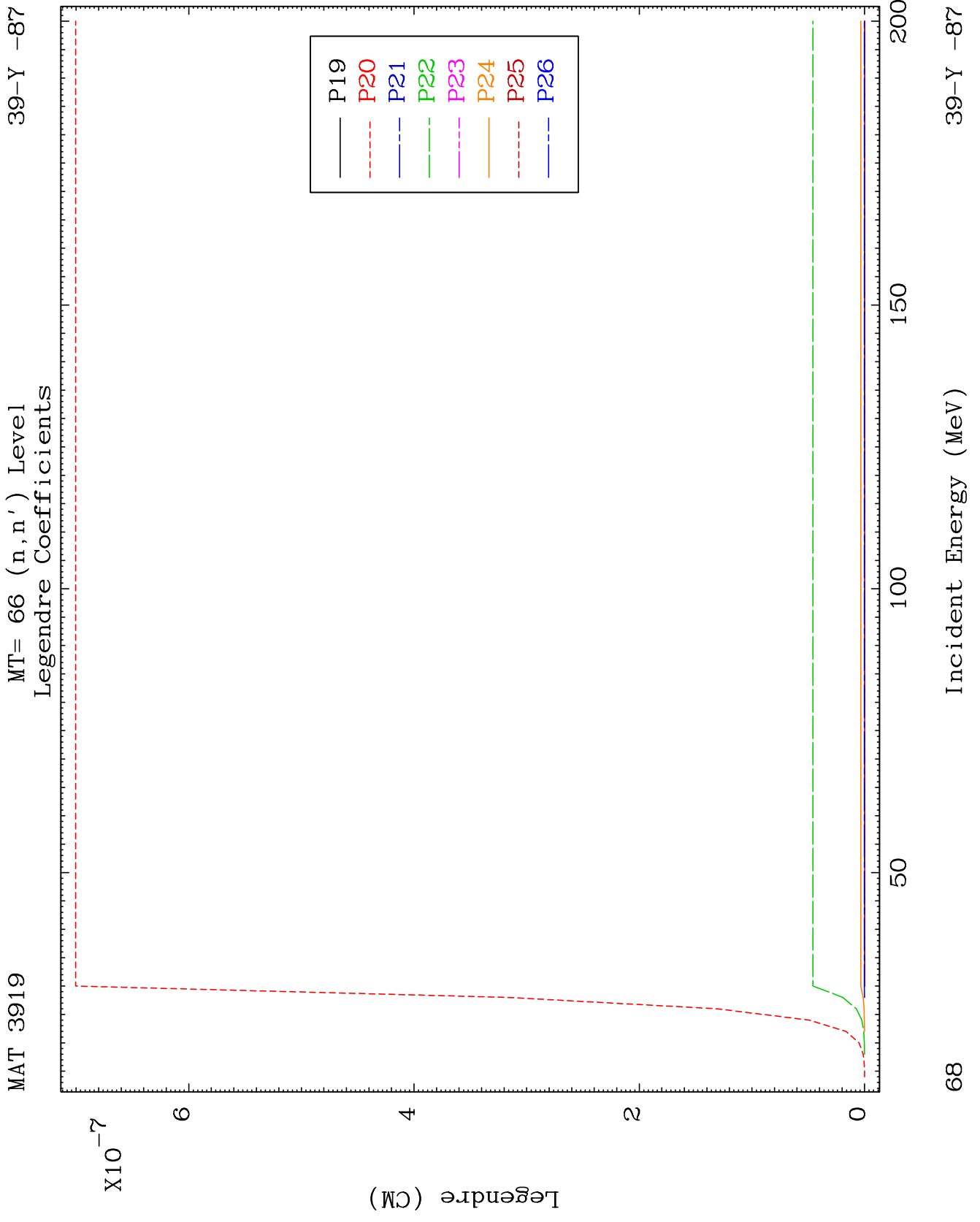
39-Y -87

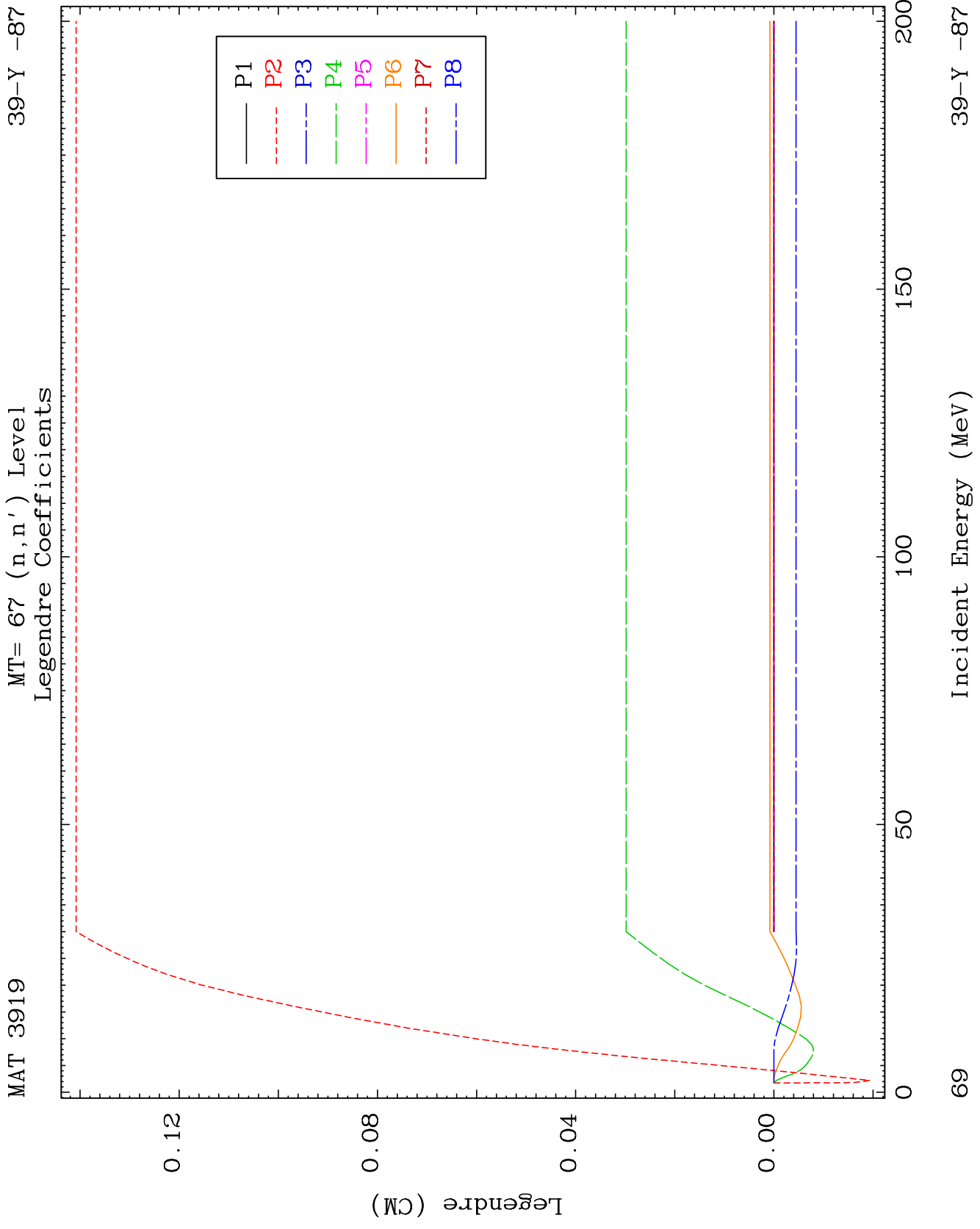


67

Incident Energy (MeV)

39-Y -87

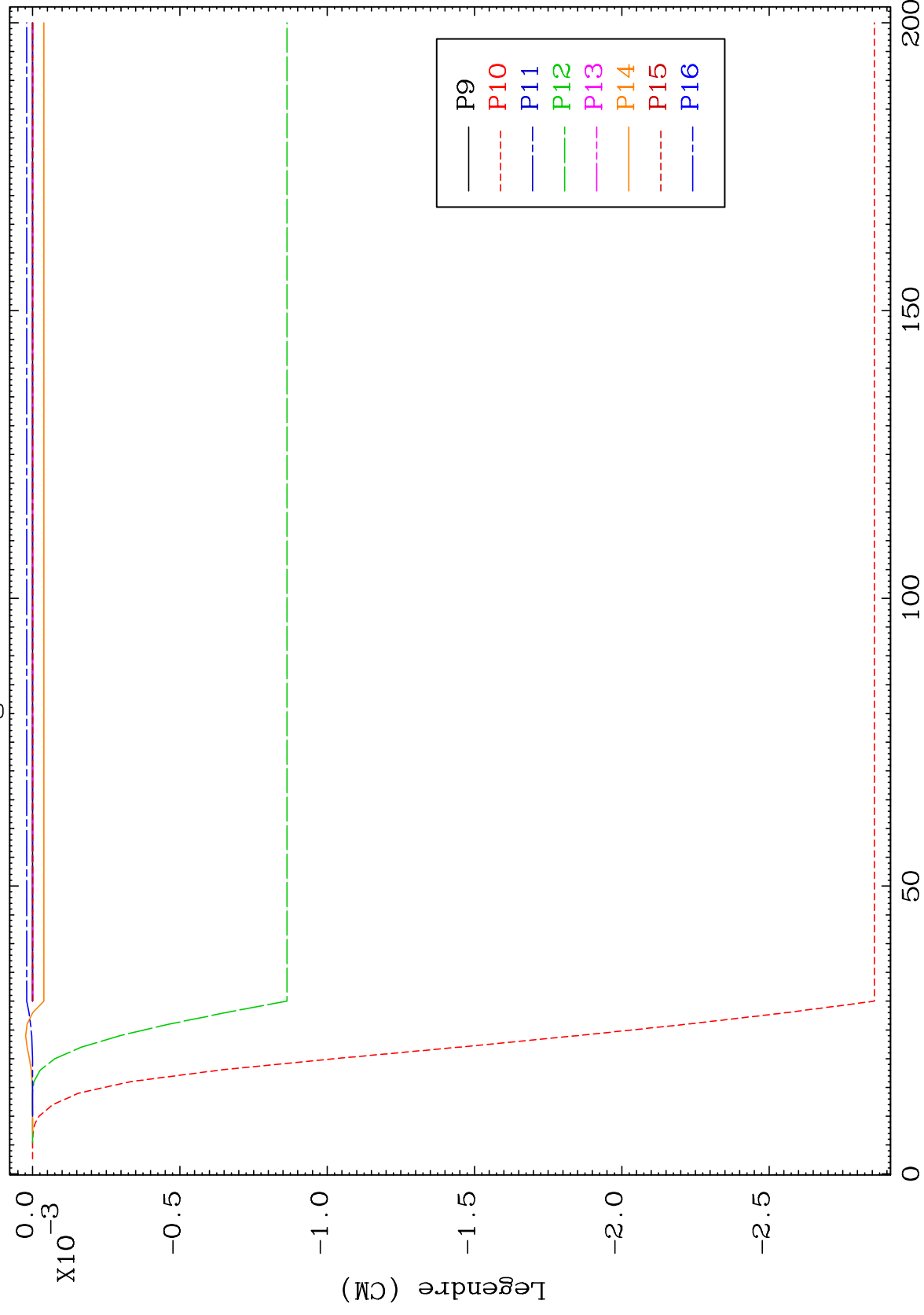




MAT 3919

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

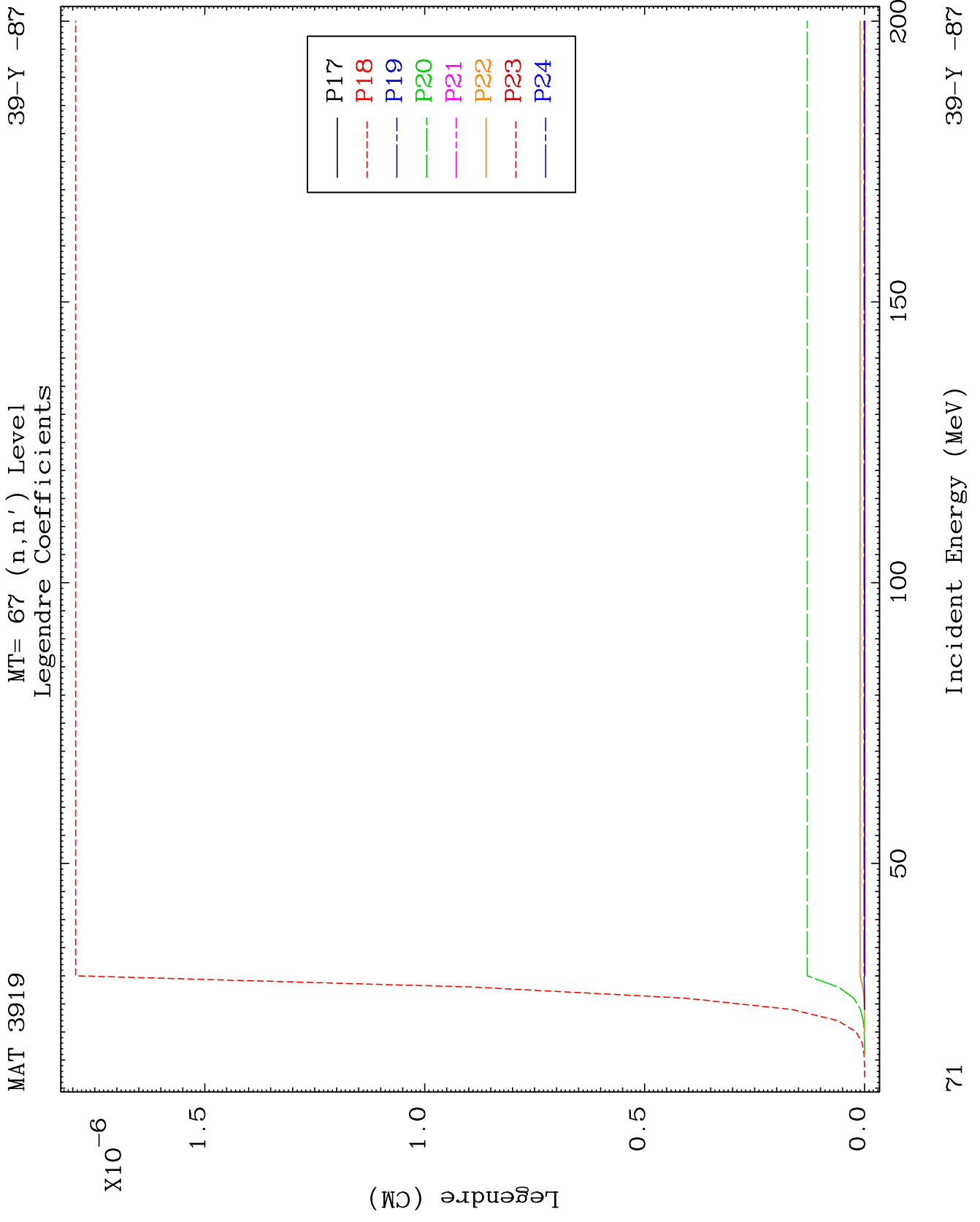
39-Y -87



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Incident Energy (MeV)

39-Y -87

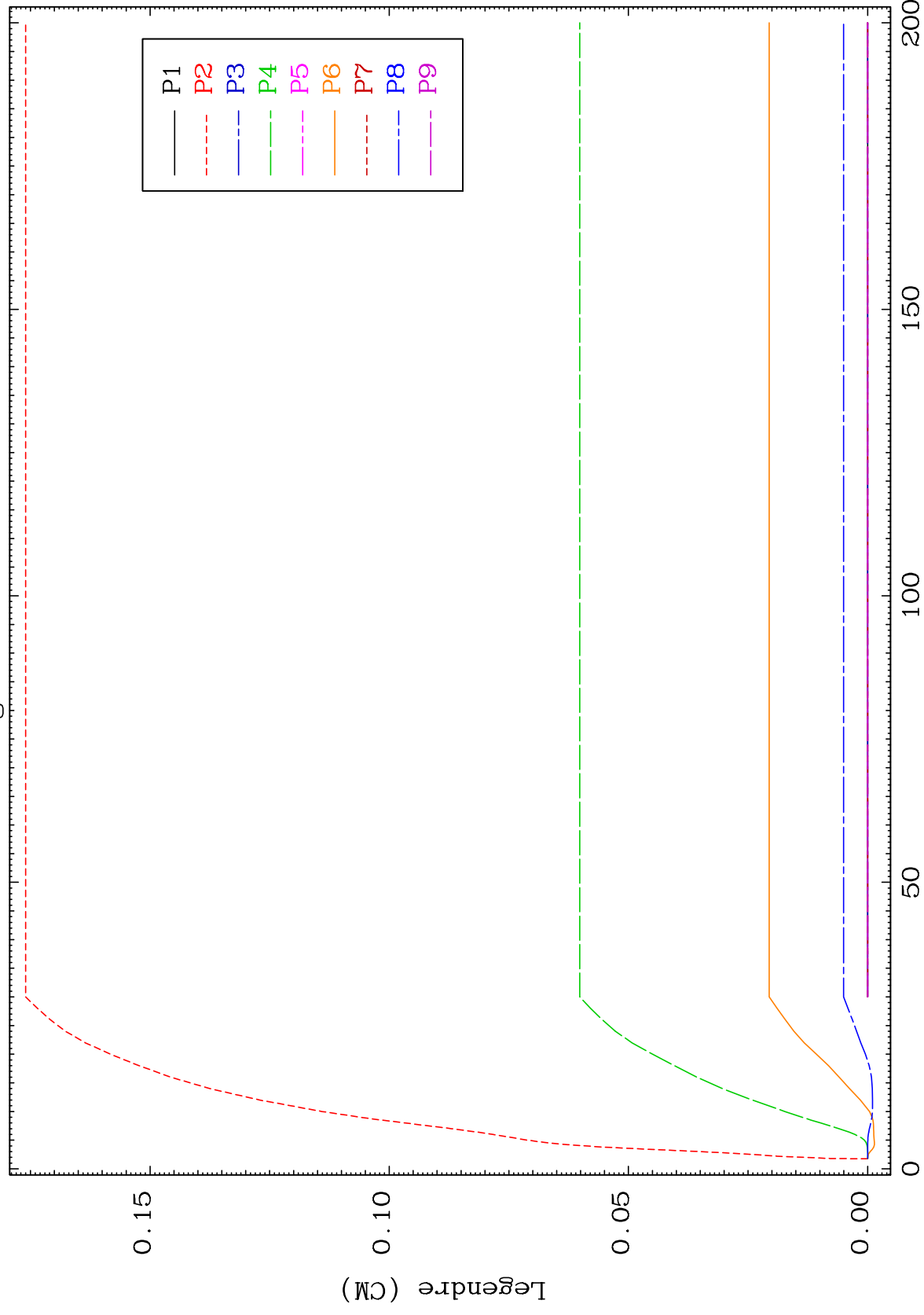




MAT 3919

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

39-Y -87



72

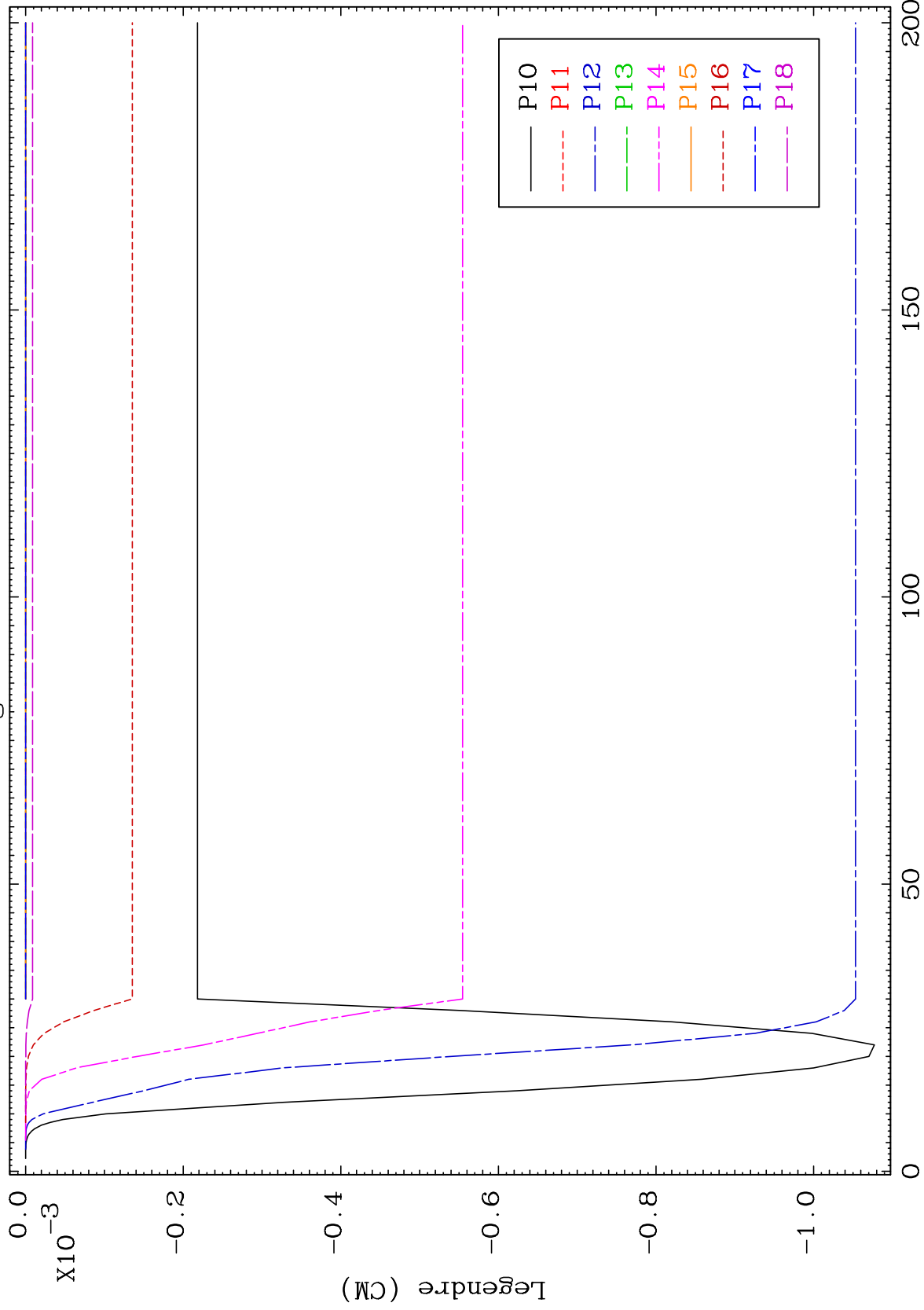
Incident Energy (MeV)

39-Y -87

MAT 3919

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

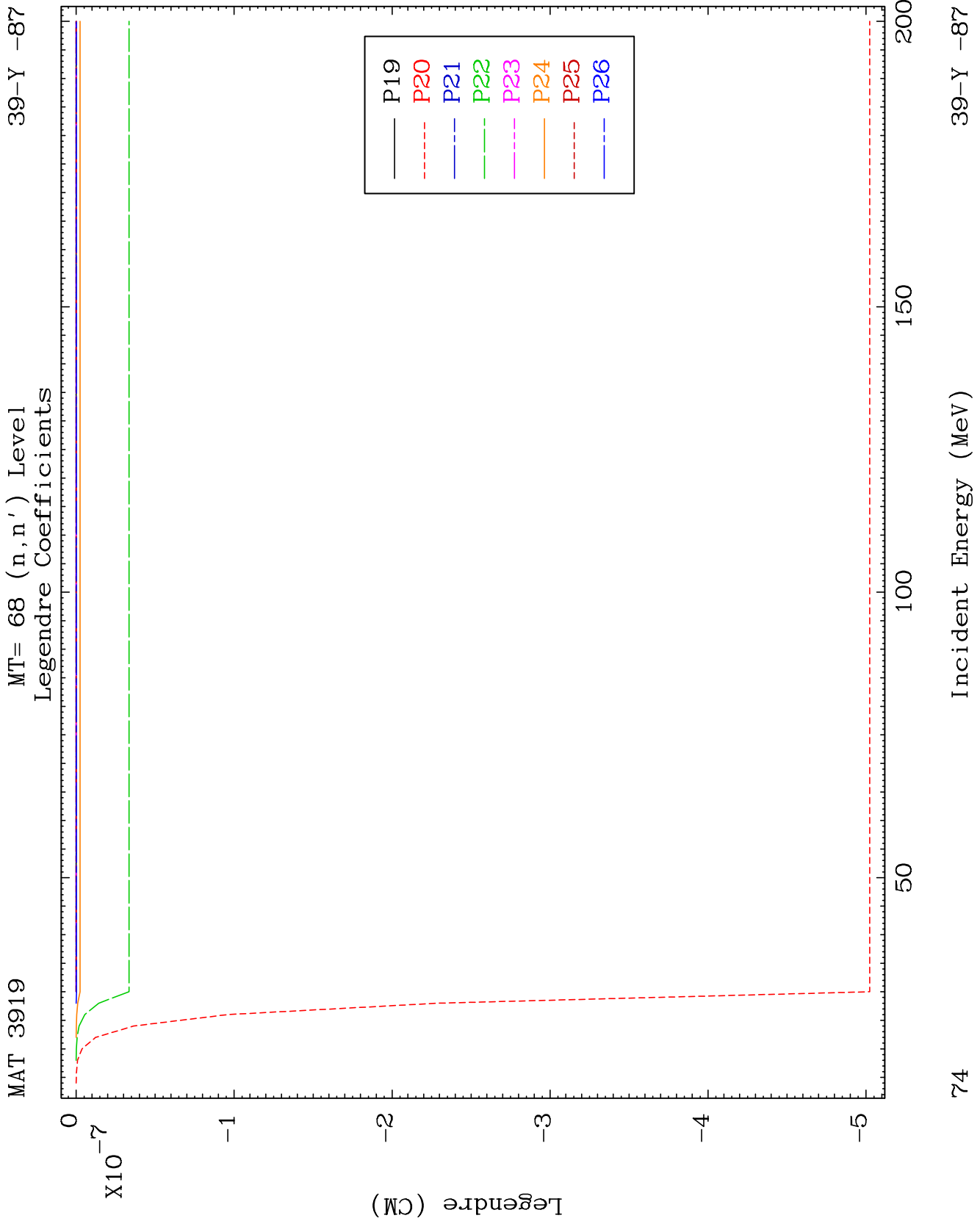
39-Y -87



73

Incident Energy (MeV)

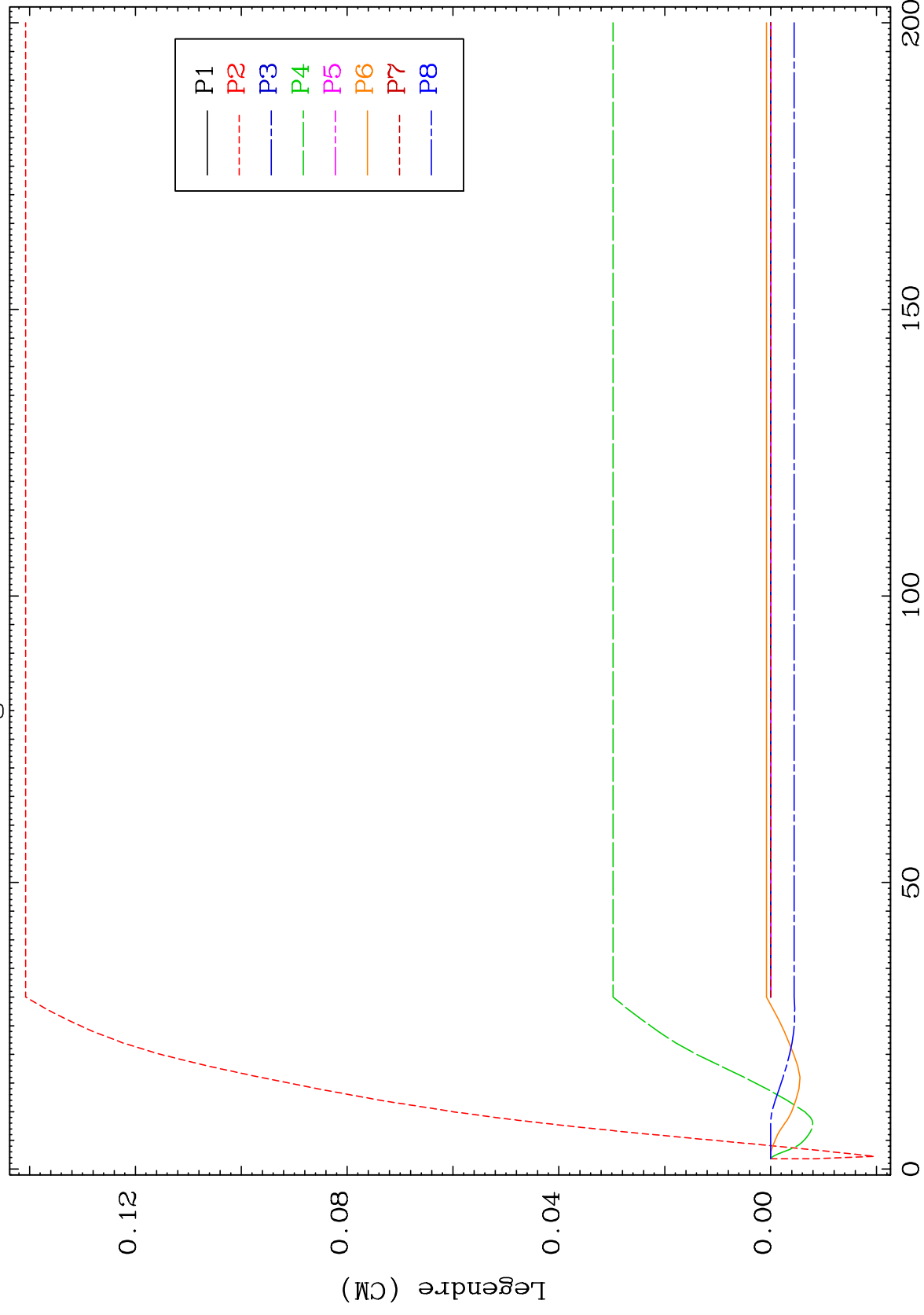
39-Y -87



MAT 3919

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

39-Y -87



75

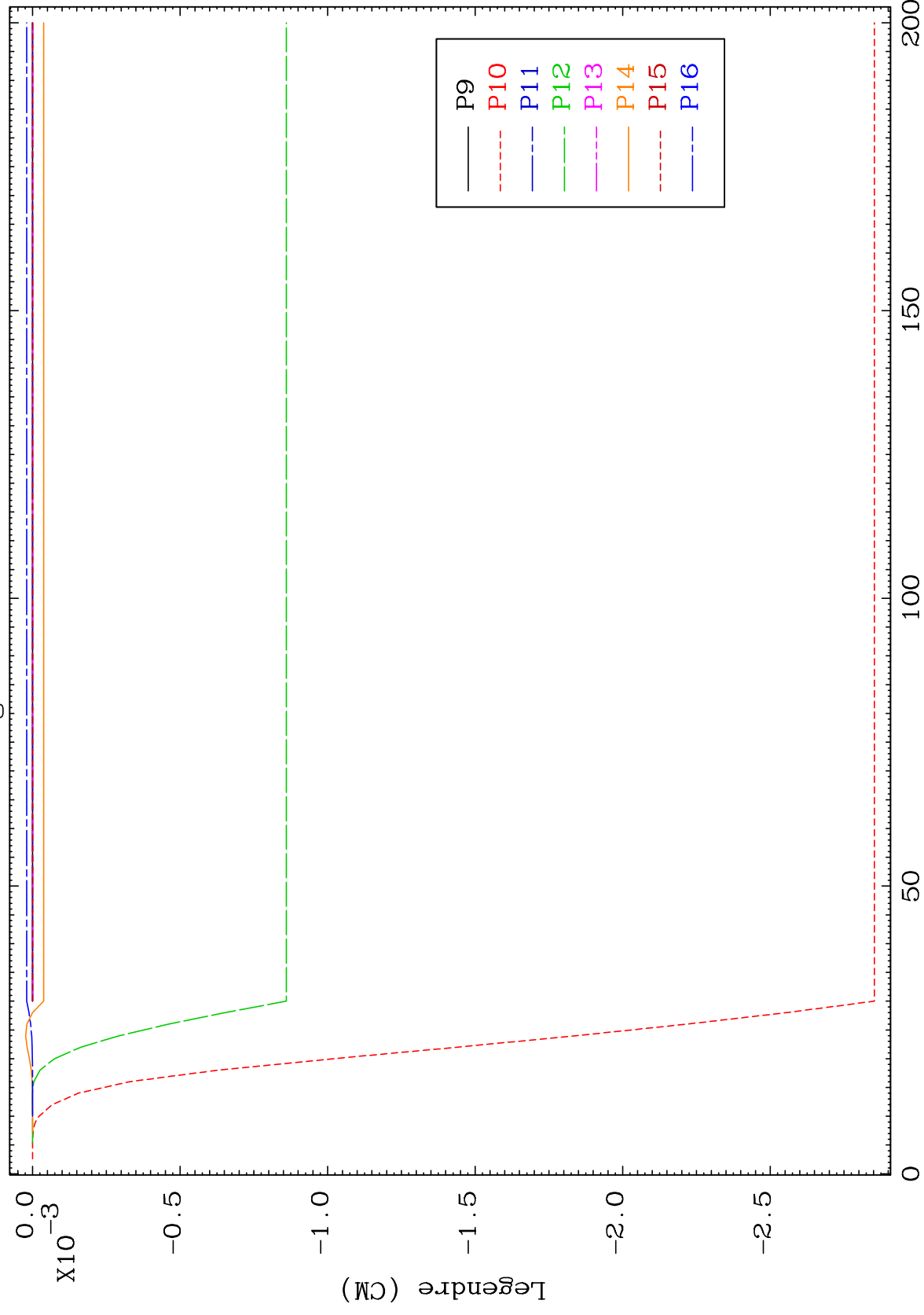
Incident Energy (MeV)

39-Y -87

MAT 3919

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

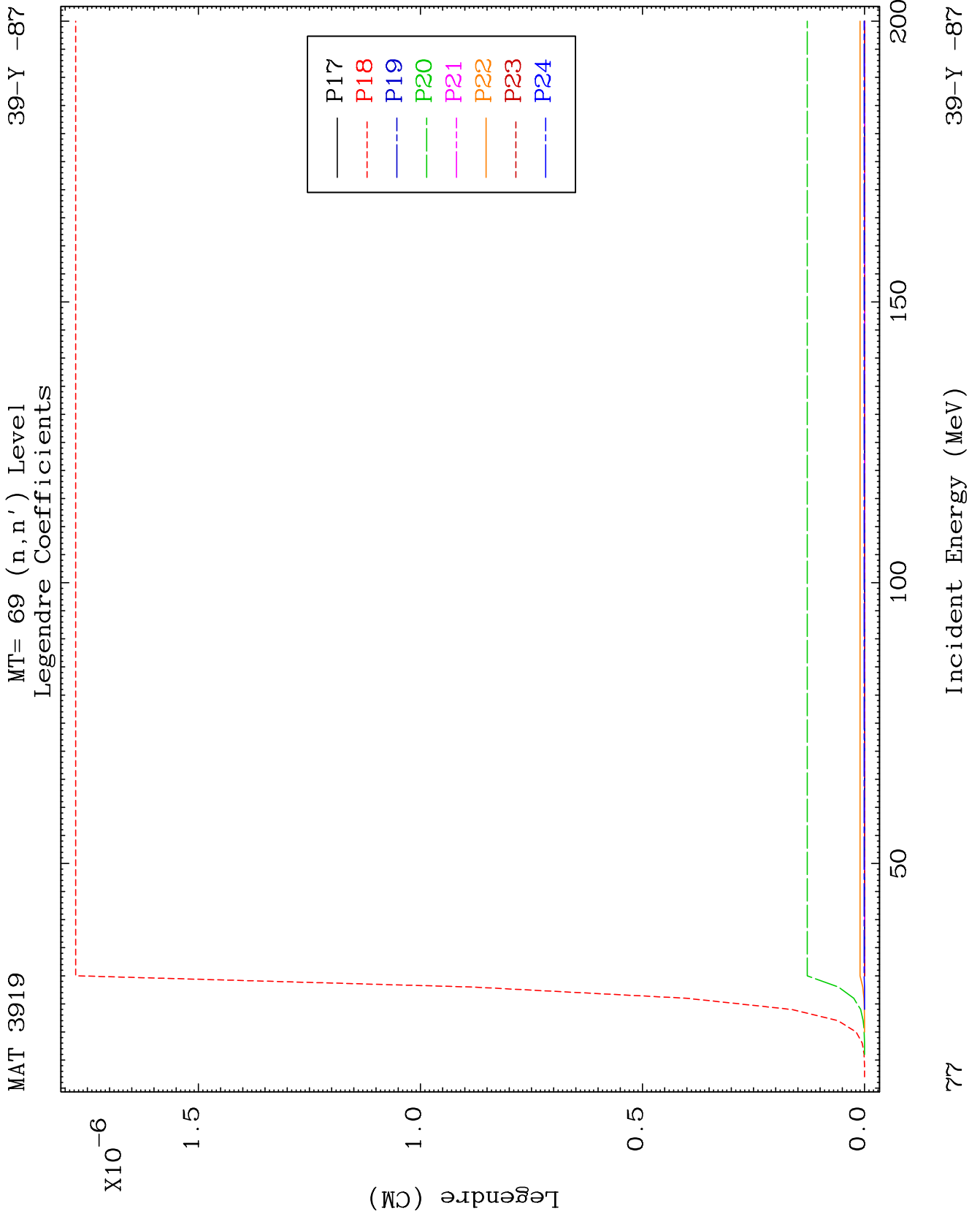
39-Y -87

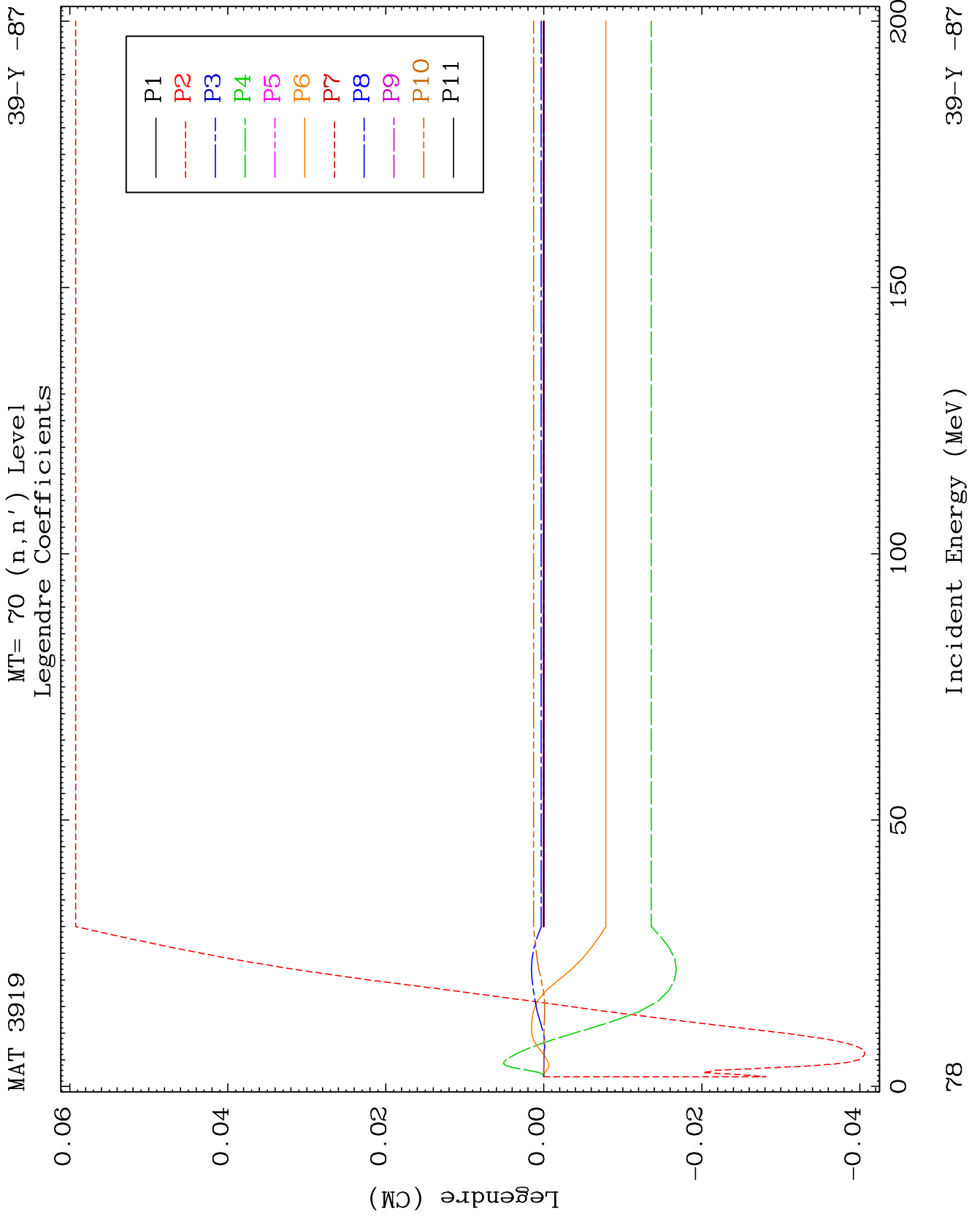


76

Incident Energy (MeV)

39-Y -87

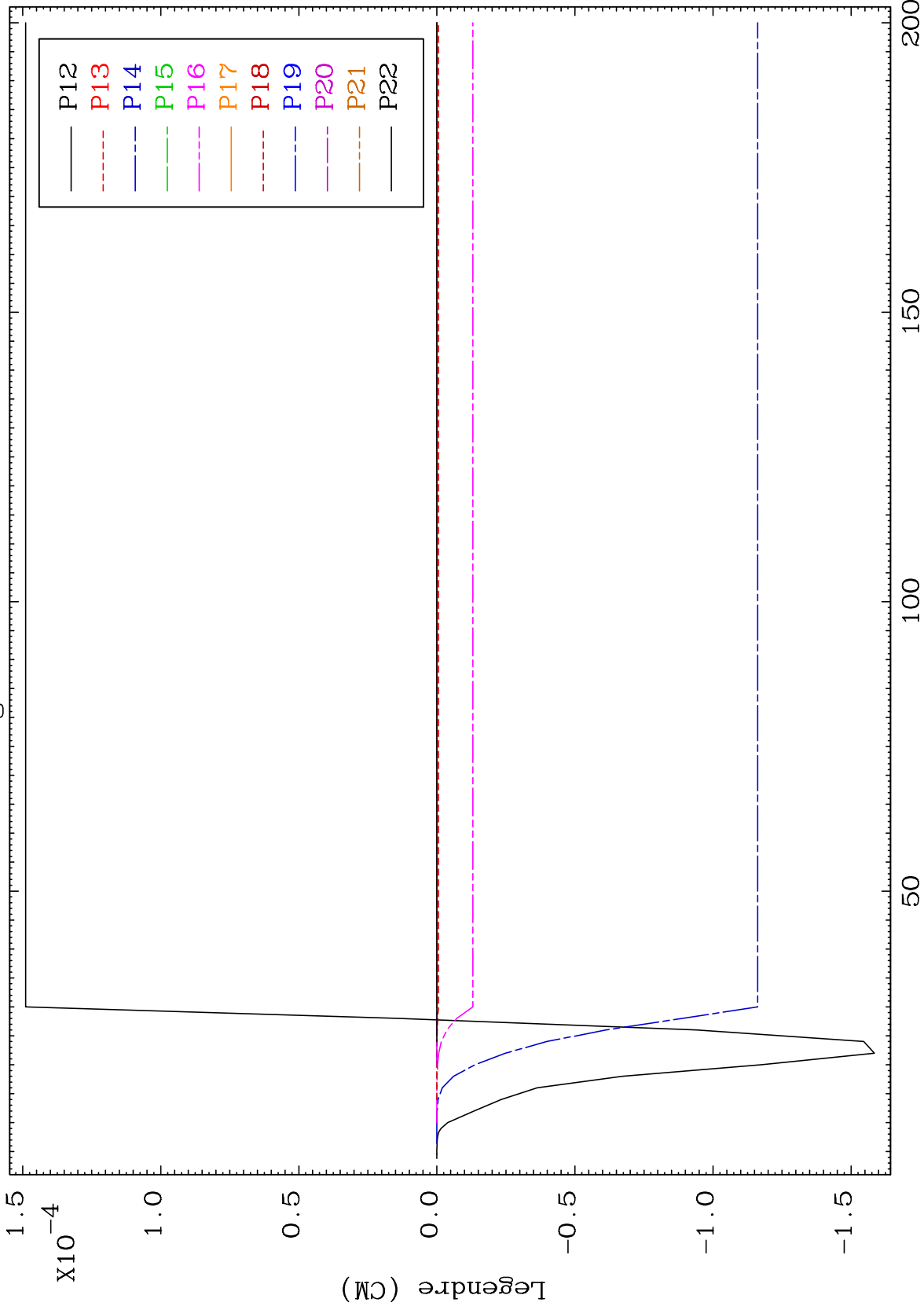




MAT 3919

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

39-Y -87

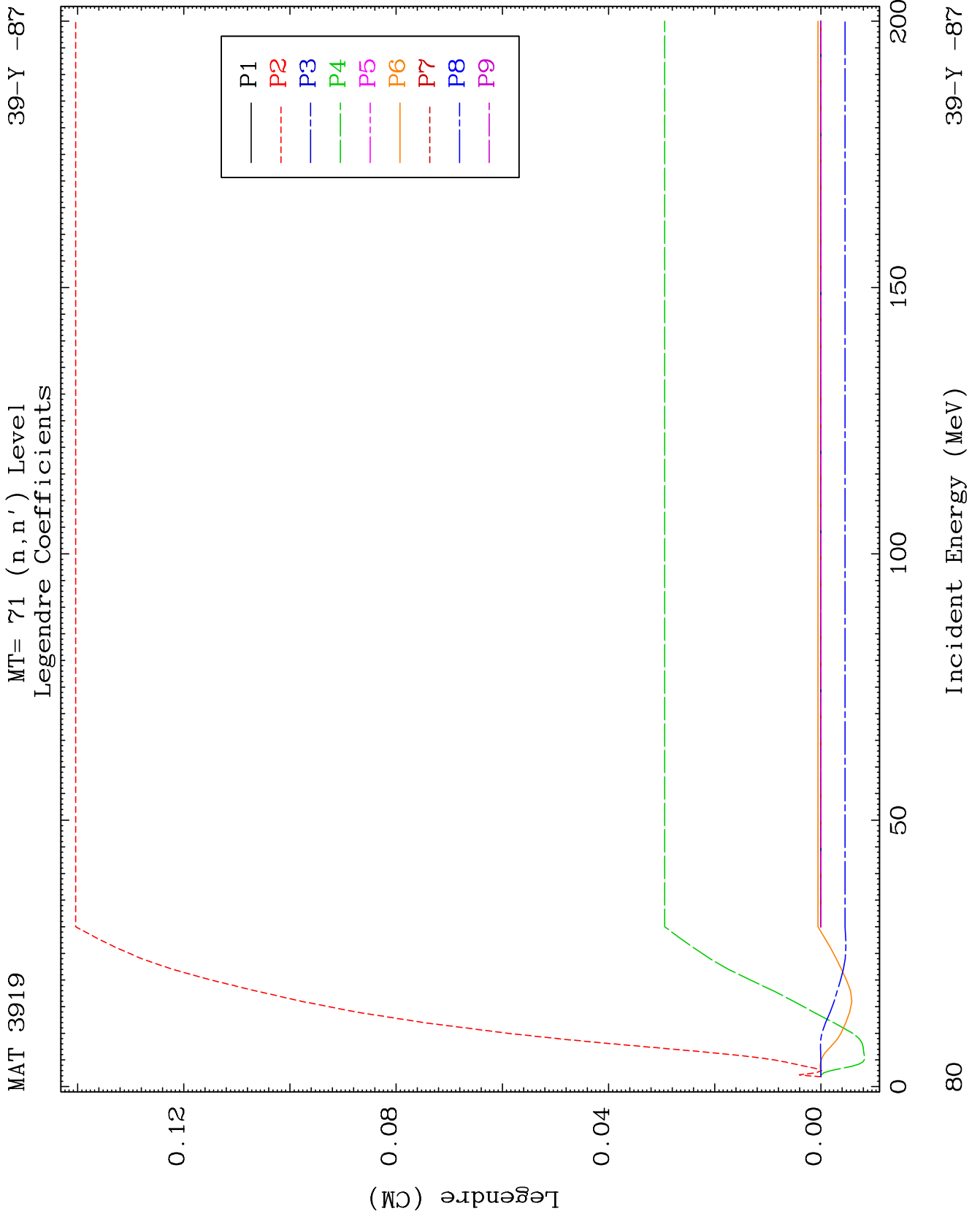


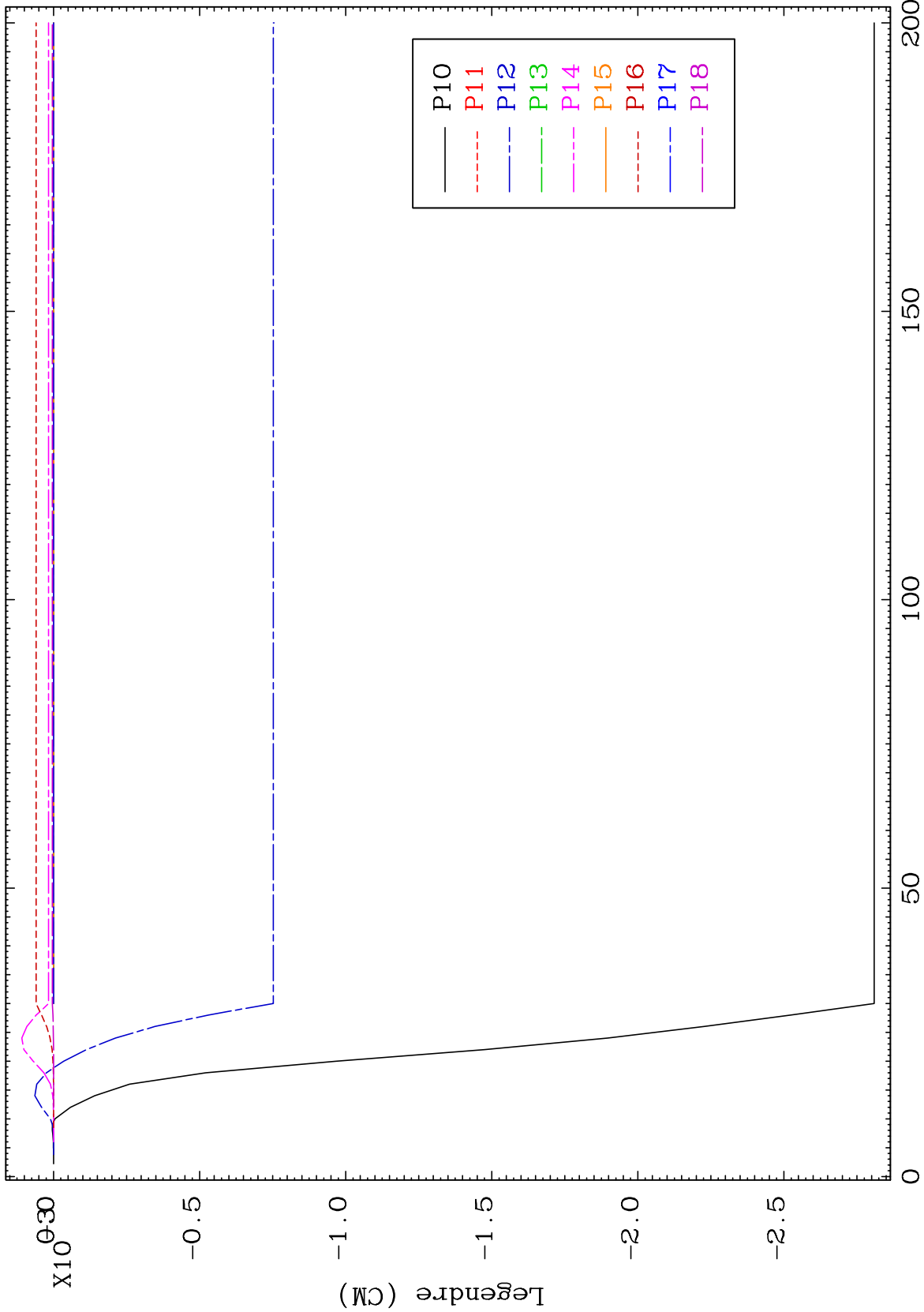
79

Incident Energy (MeV)

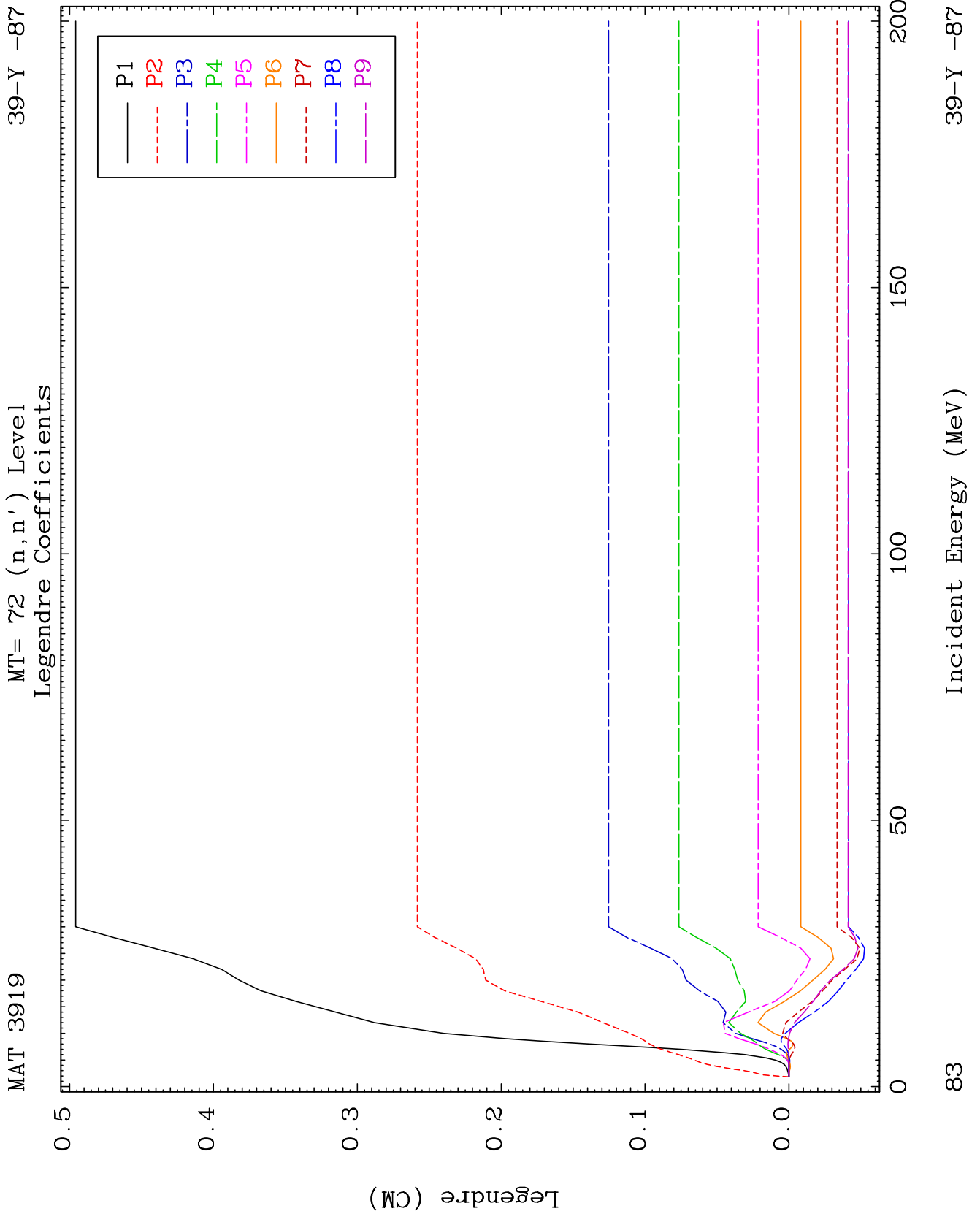
39-Y -87







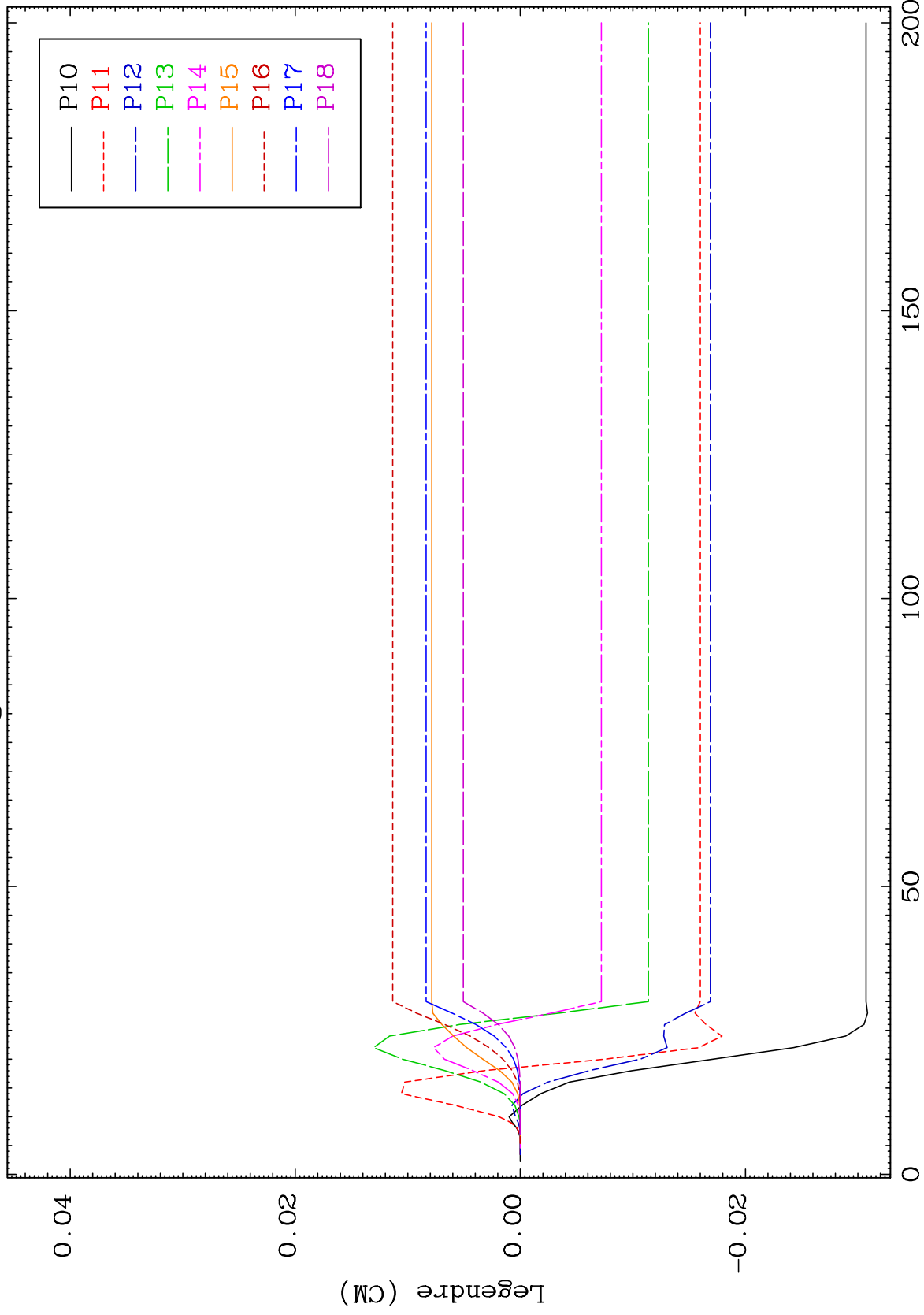




MAT 3919

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

39-Y -87



84

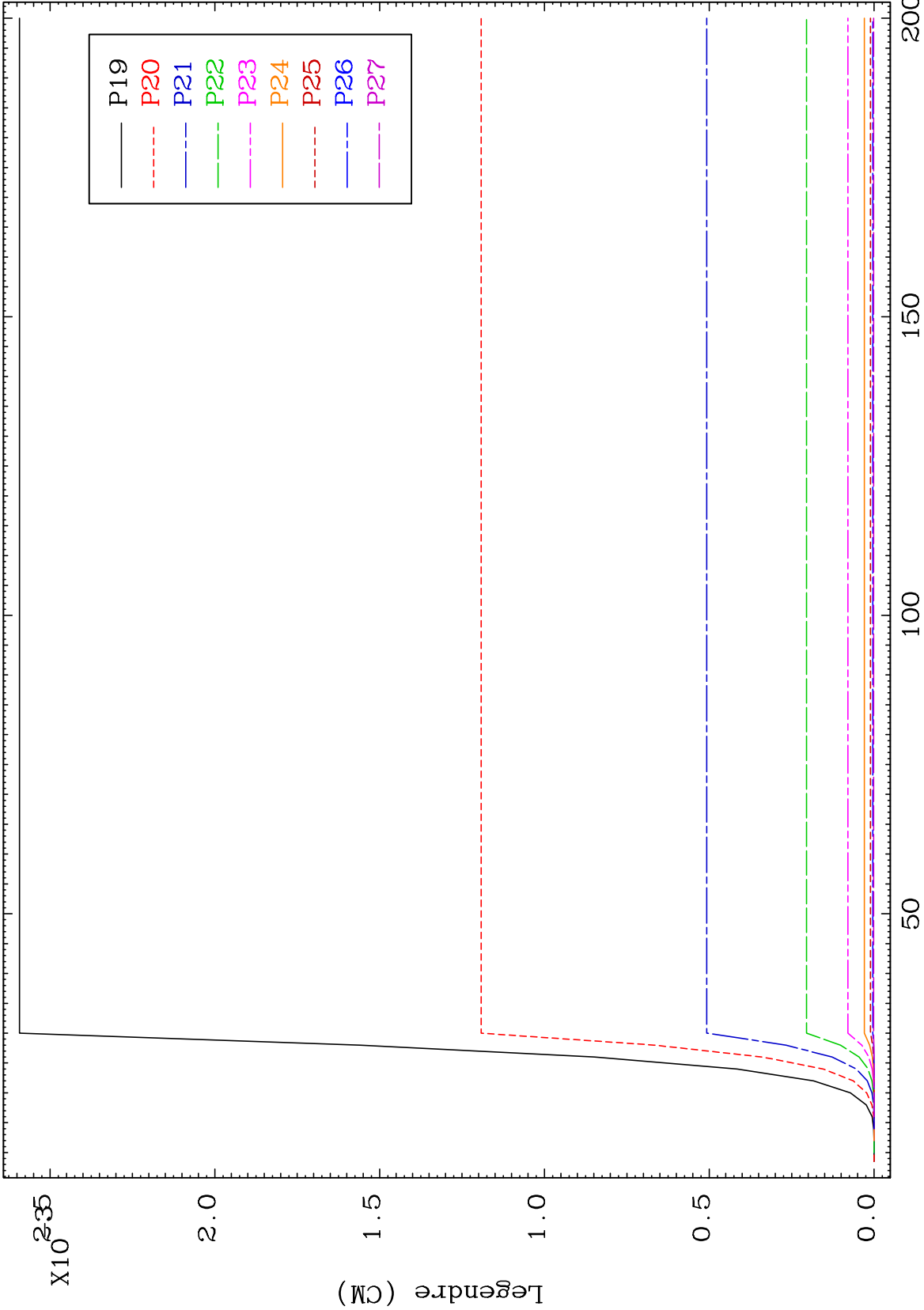
Incident Energy (MeV)

39-Y -87

MAT 3919

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

39-Y -87



85

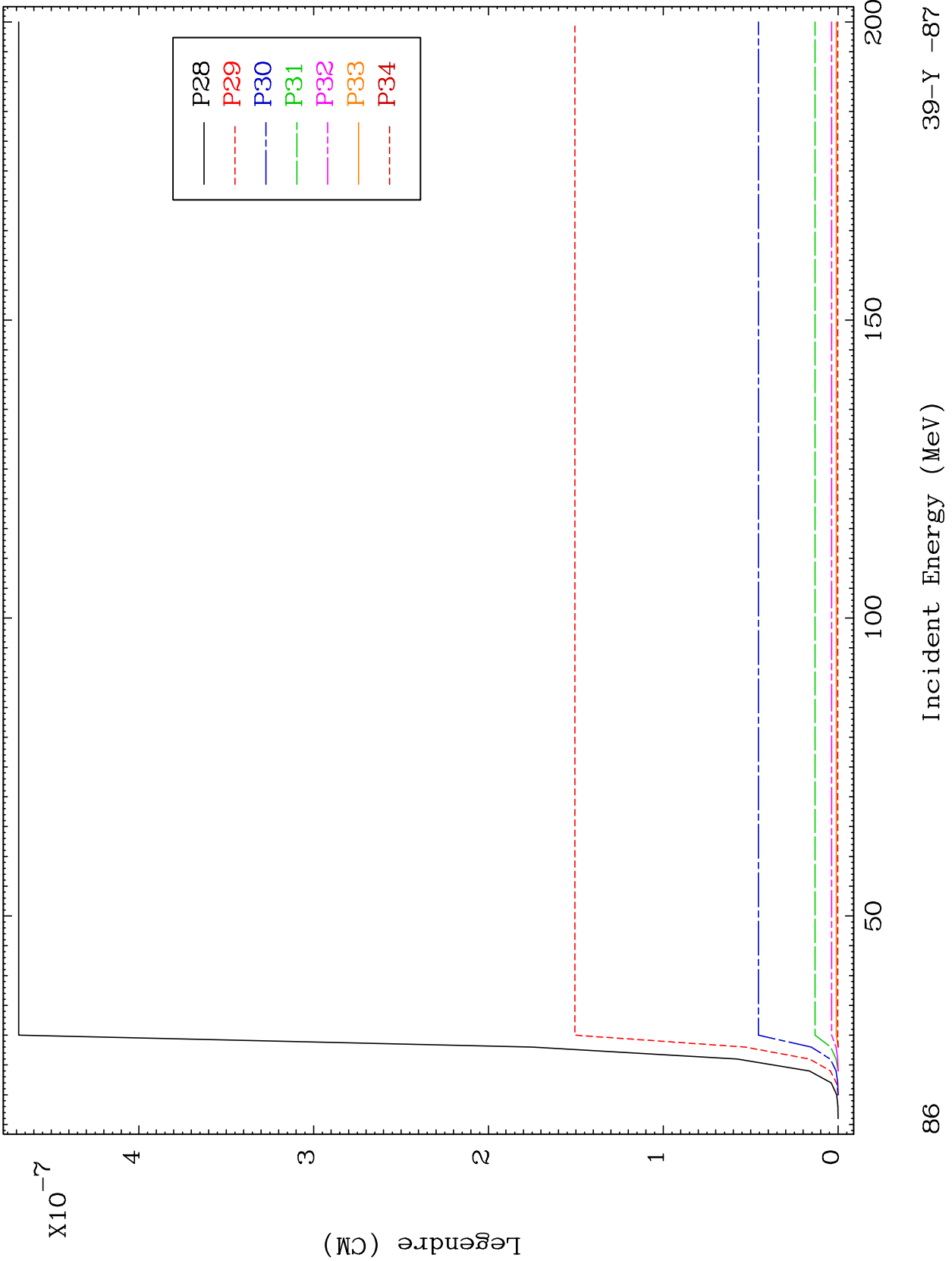
Incident Energy (MeV)

39-Y -87

MAT 3919

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

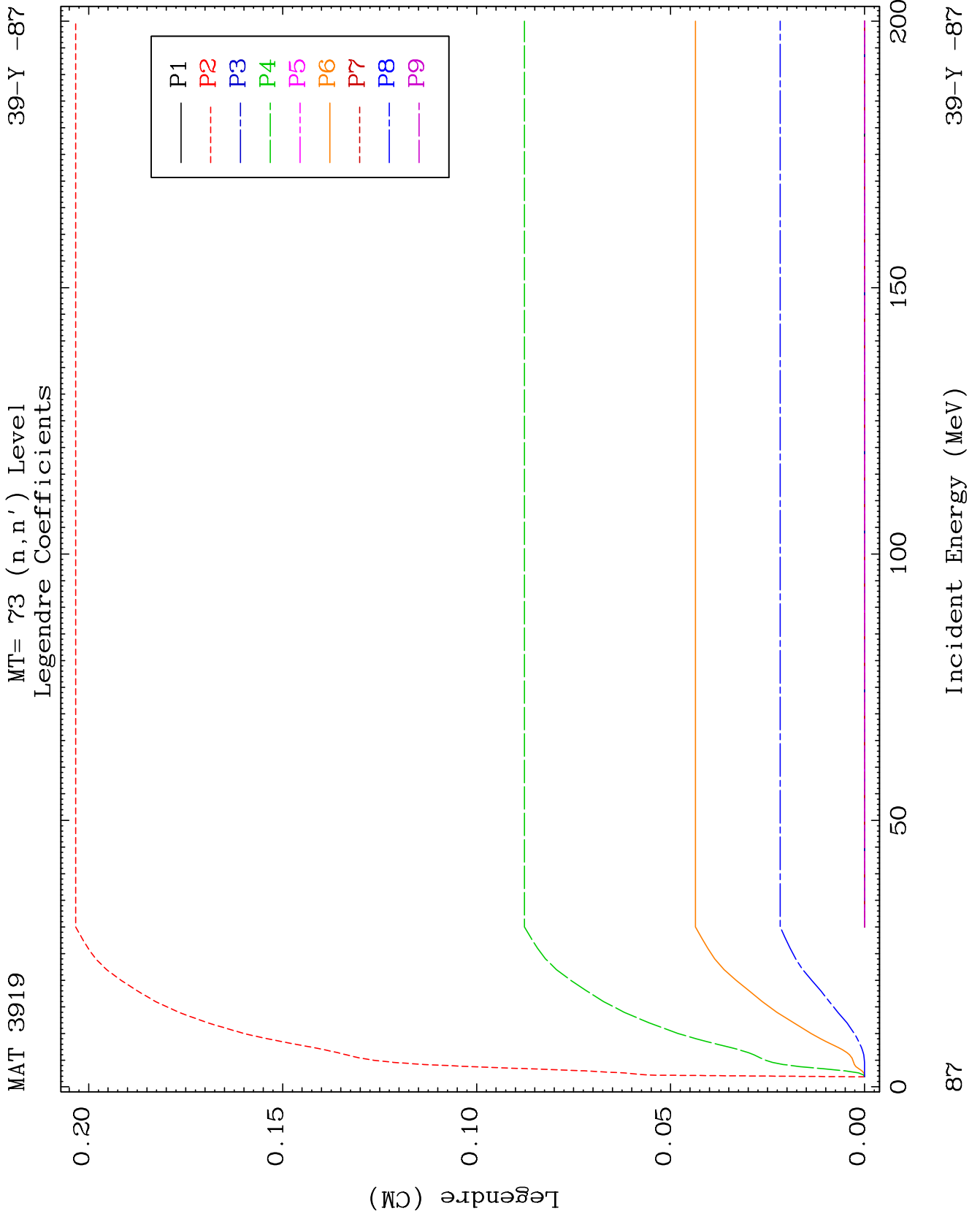
39-Y -87



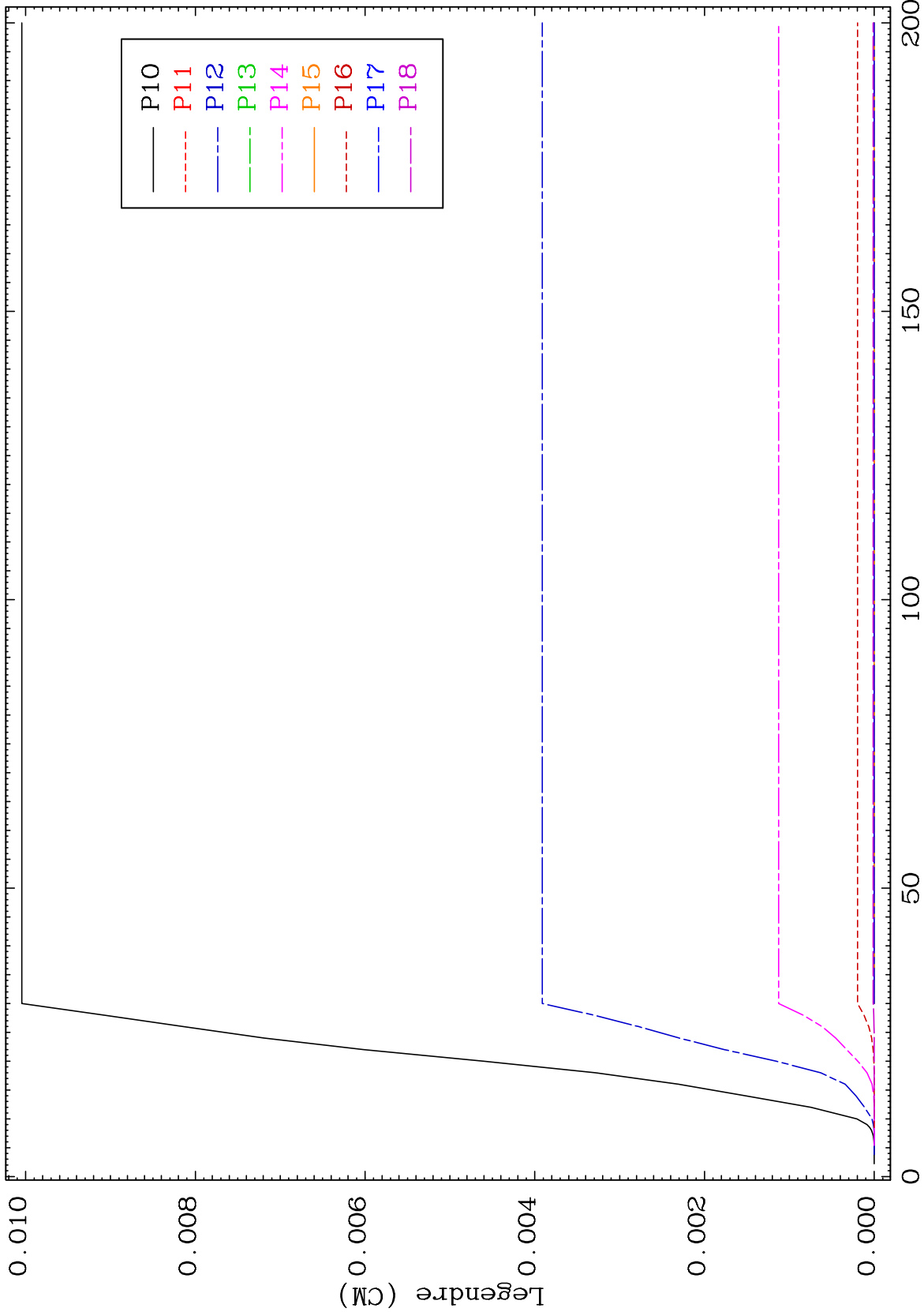
86

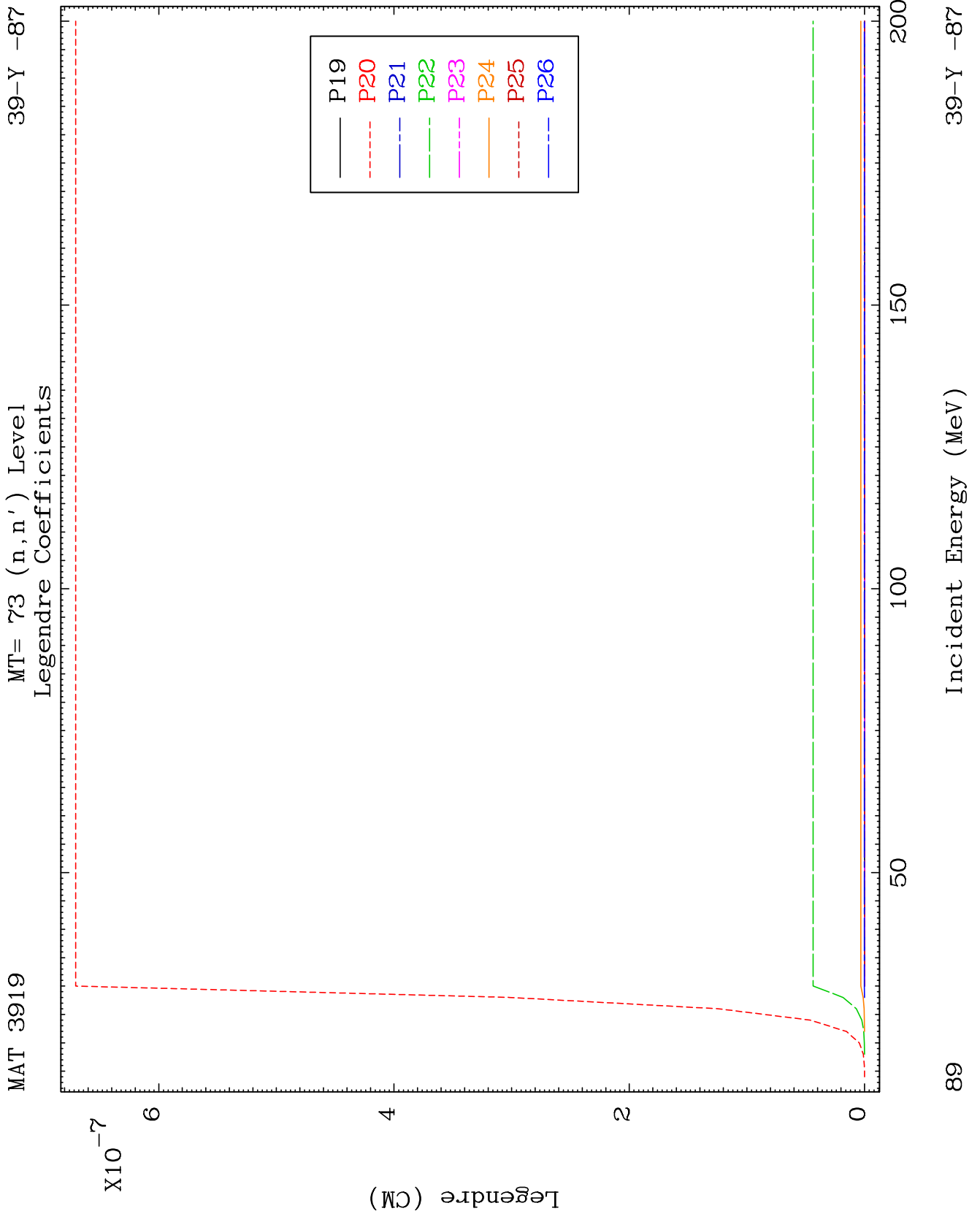
Incident Energy (MeV)

39-Y -87





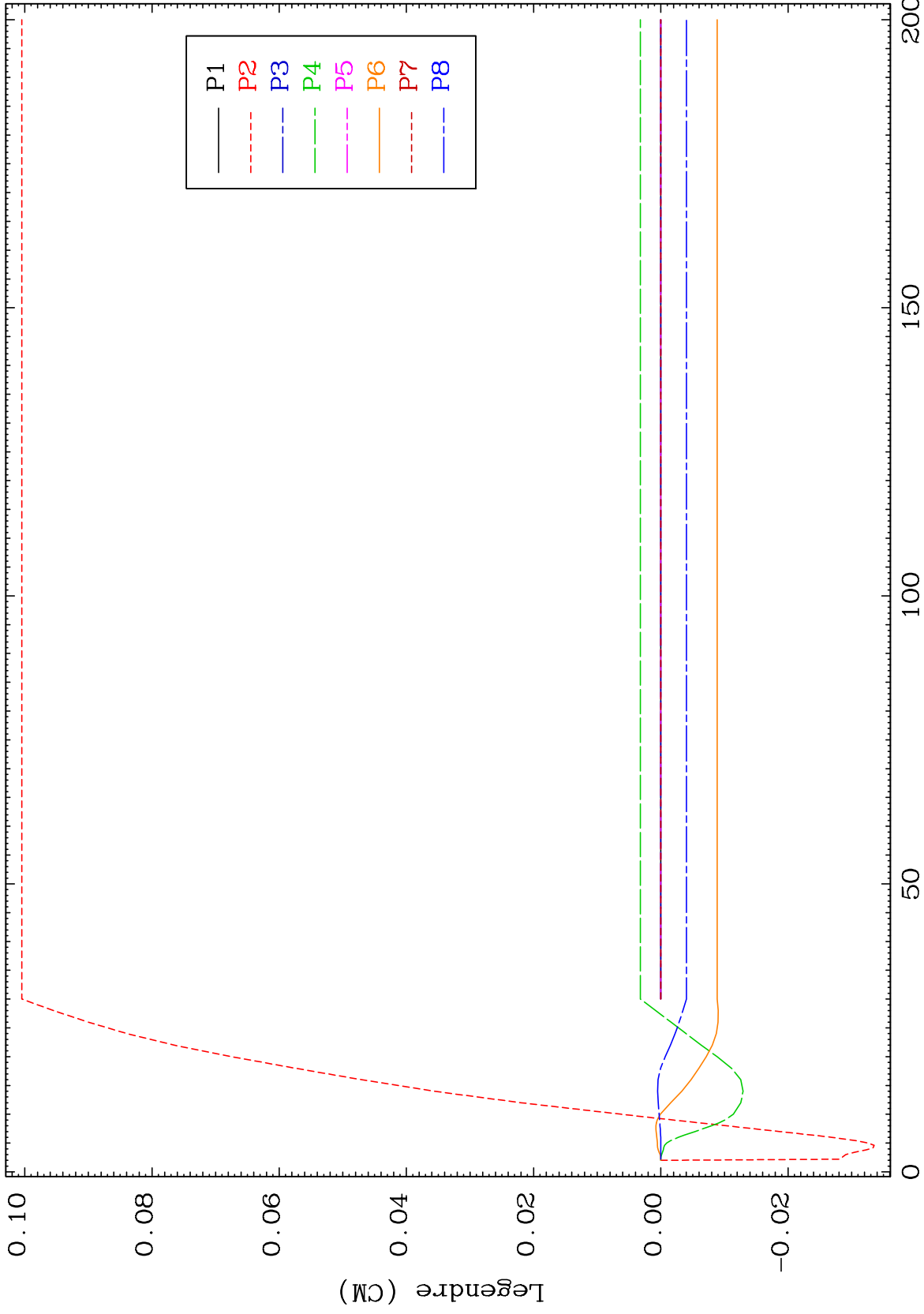




MAT 3919

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

39-Y -87



39-Y -87

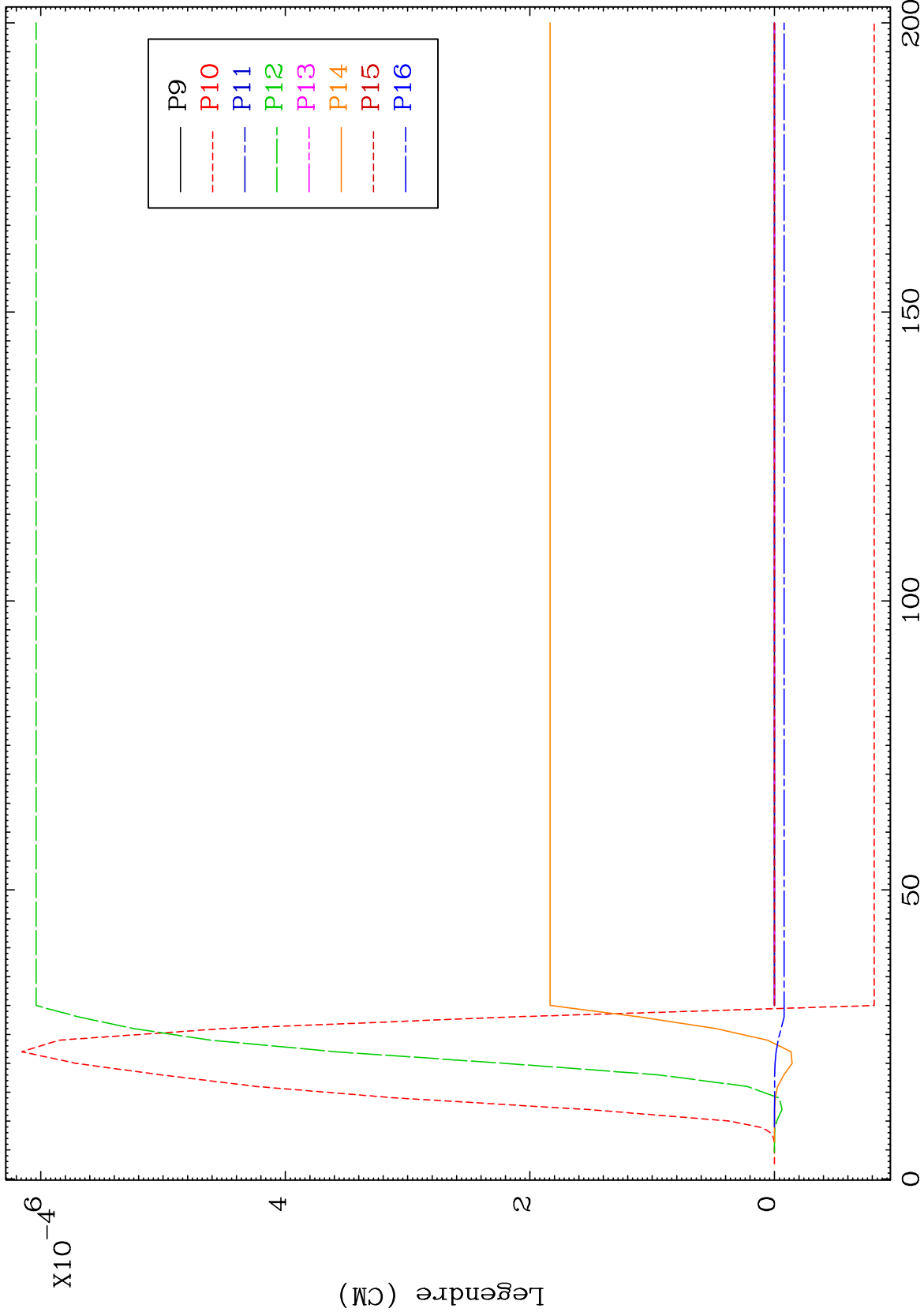
Incident Energy (MeV)

90

MAT 3919

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

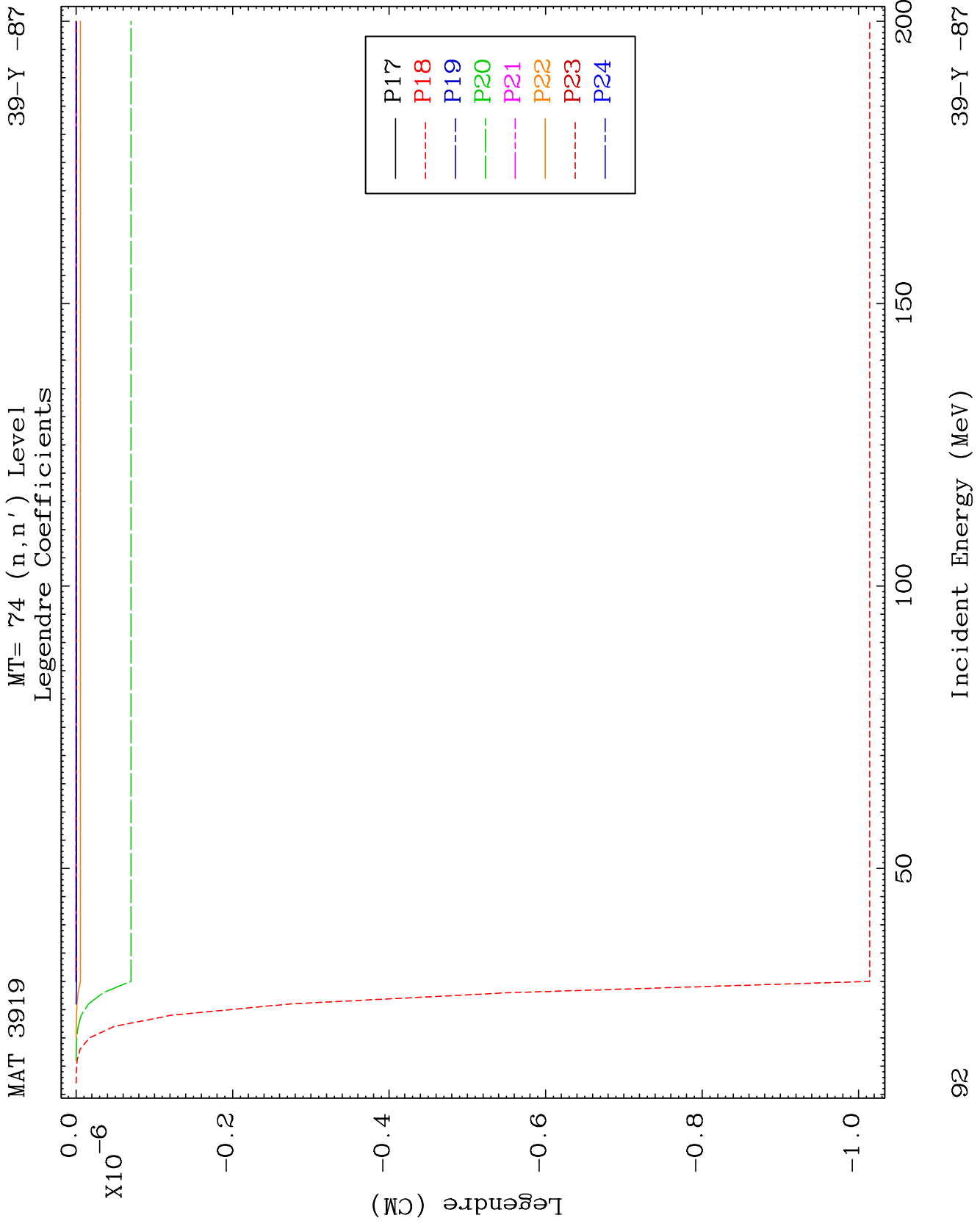
39-Y -87



91

Incident Energy (MeV)

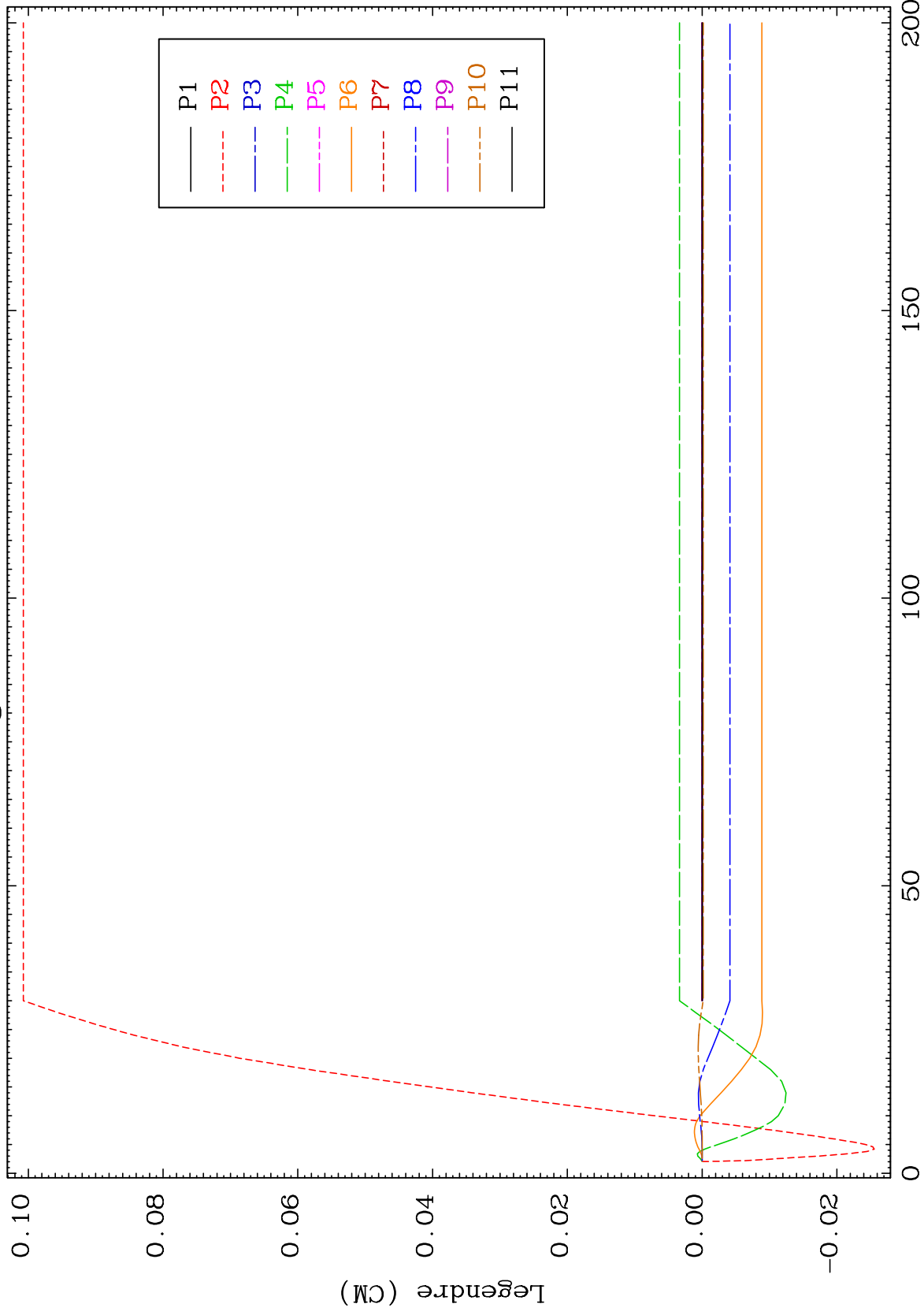
39-Y -87



MAT 3919

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

39-Y -87



39-Y -87

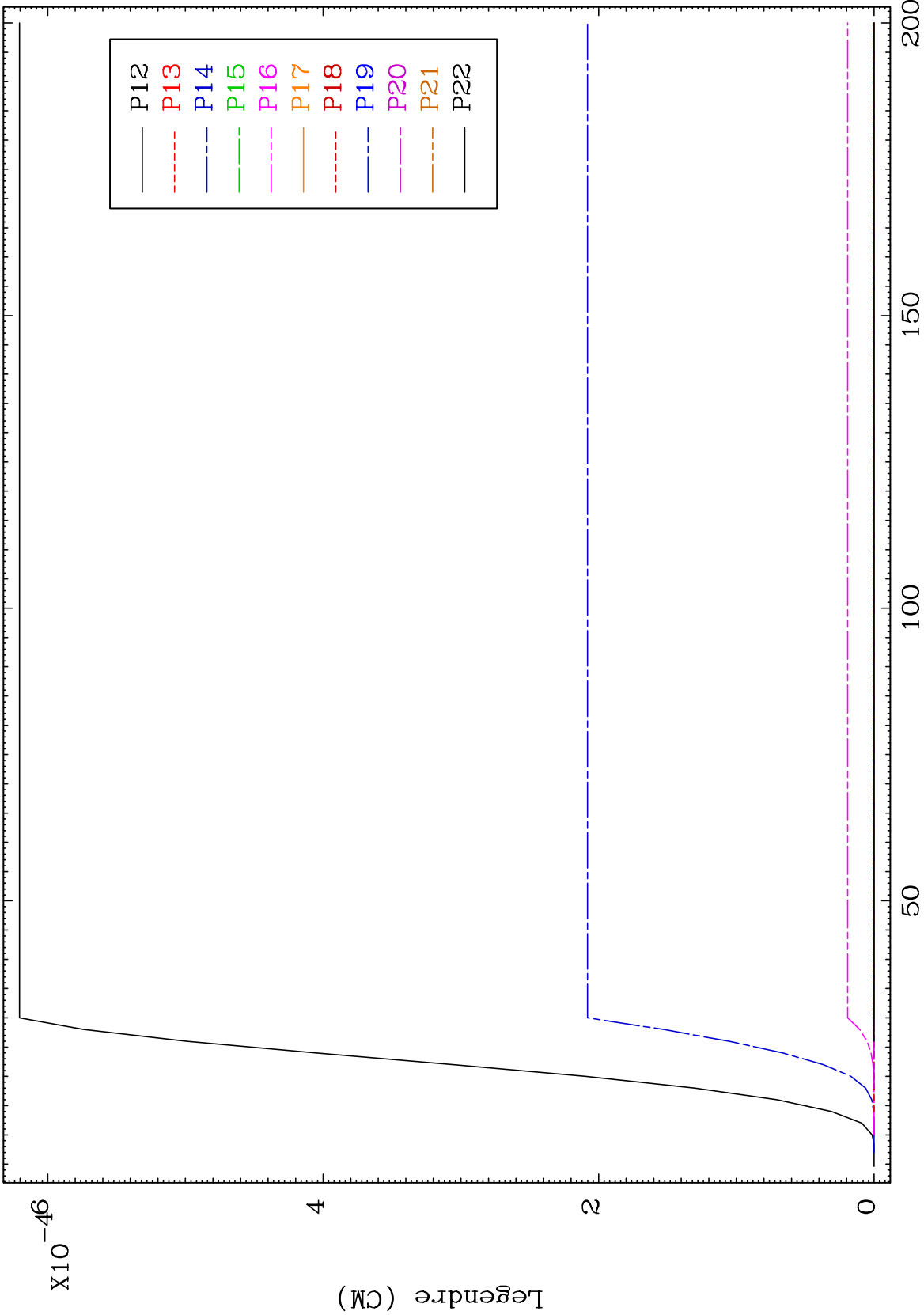
Incident Energy (MeV)

93

MAT 3919

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

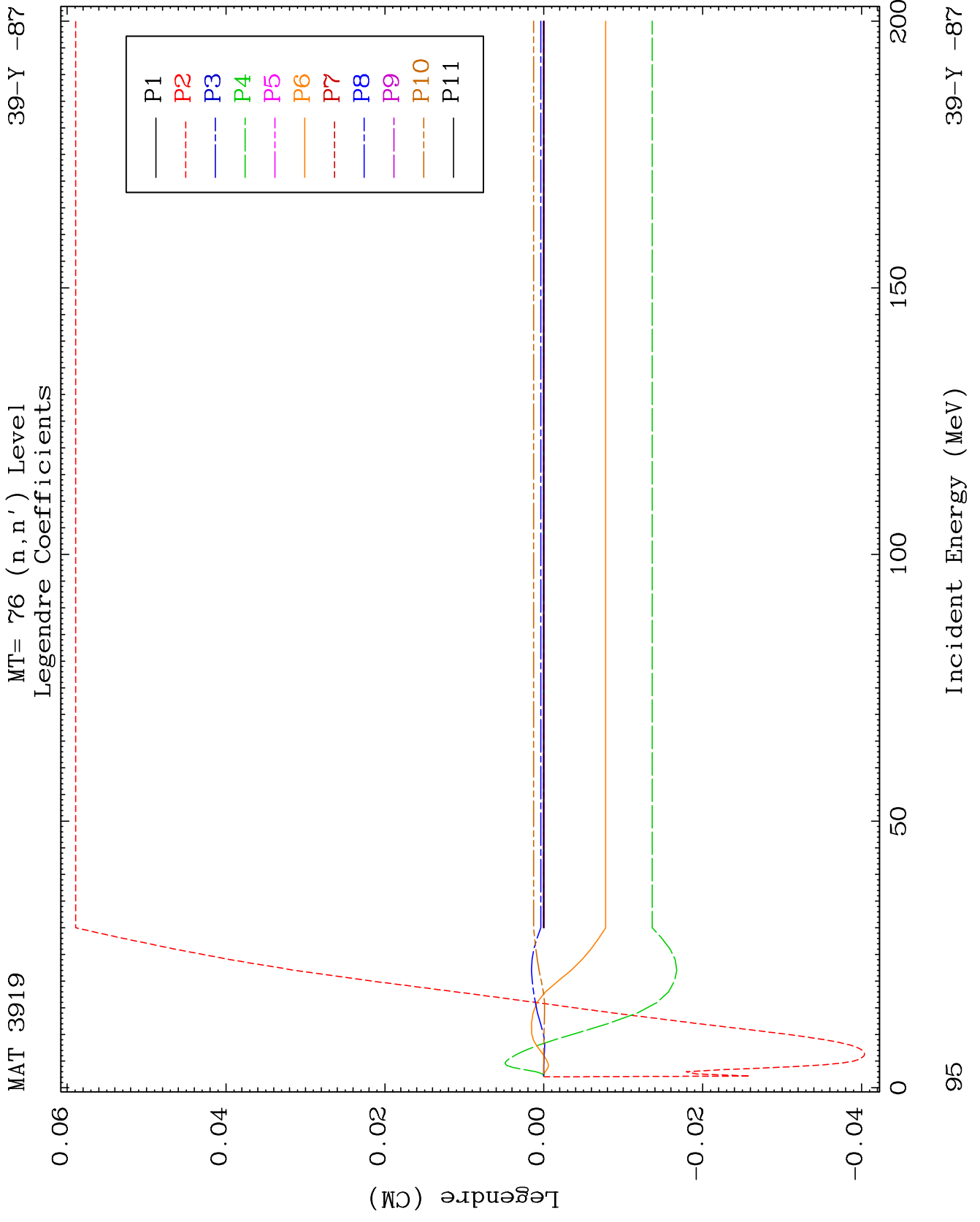
39-Y -87



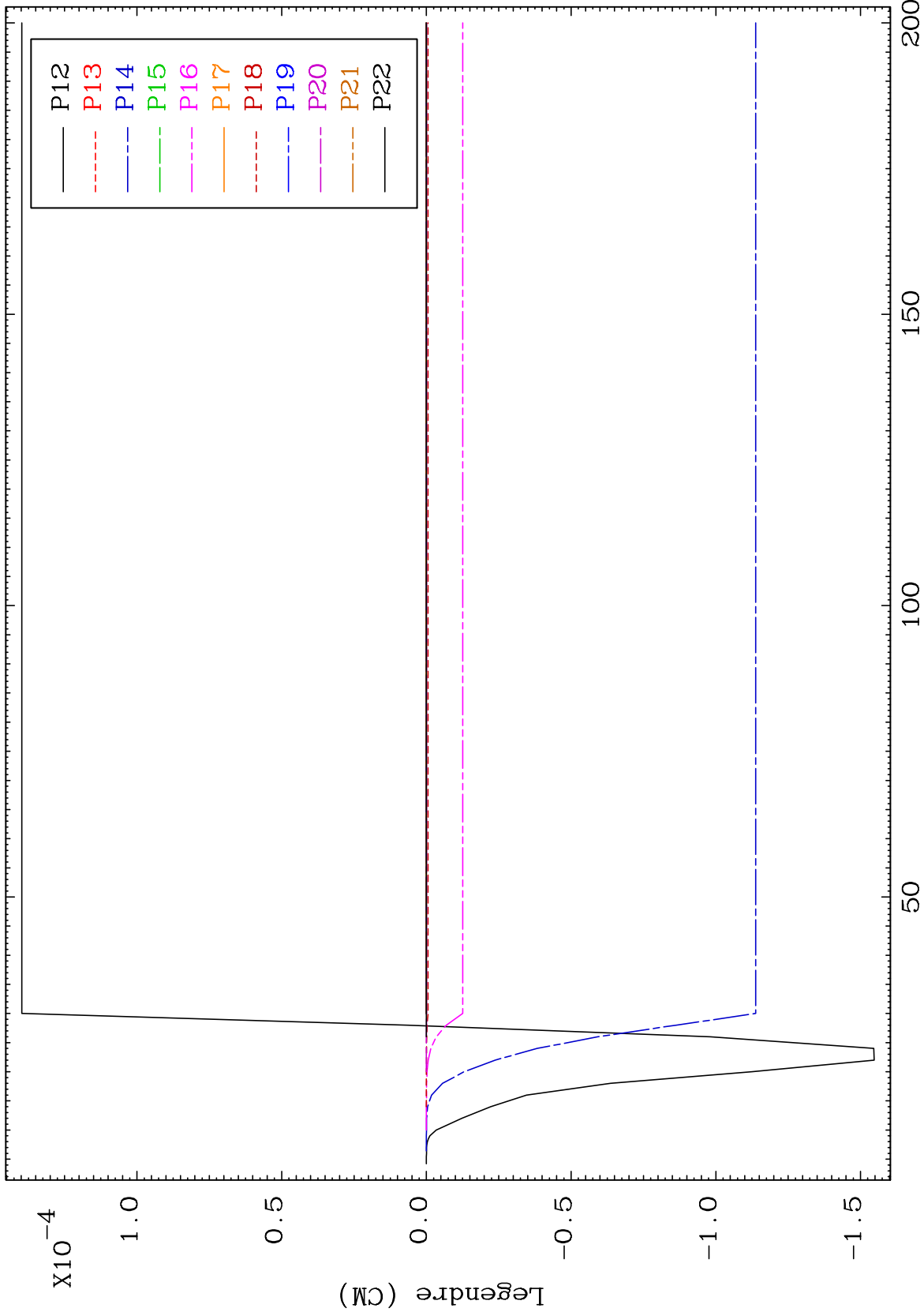
94

Incident Energy (MeV)

39-Y -87



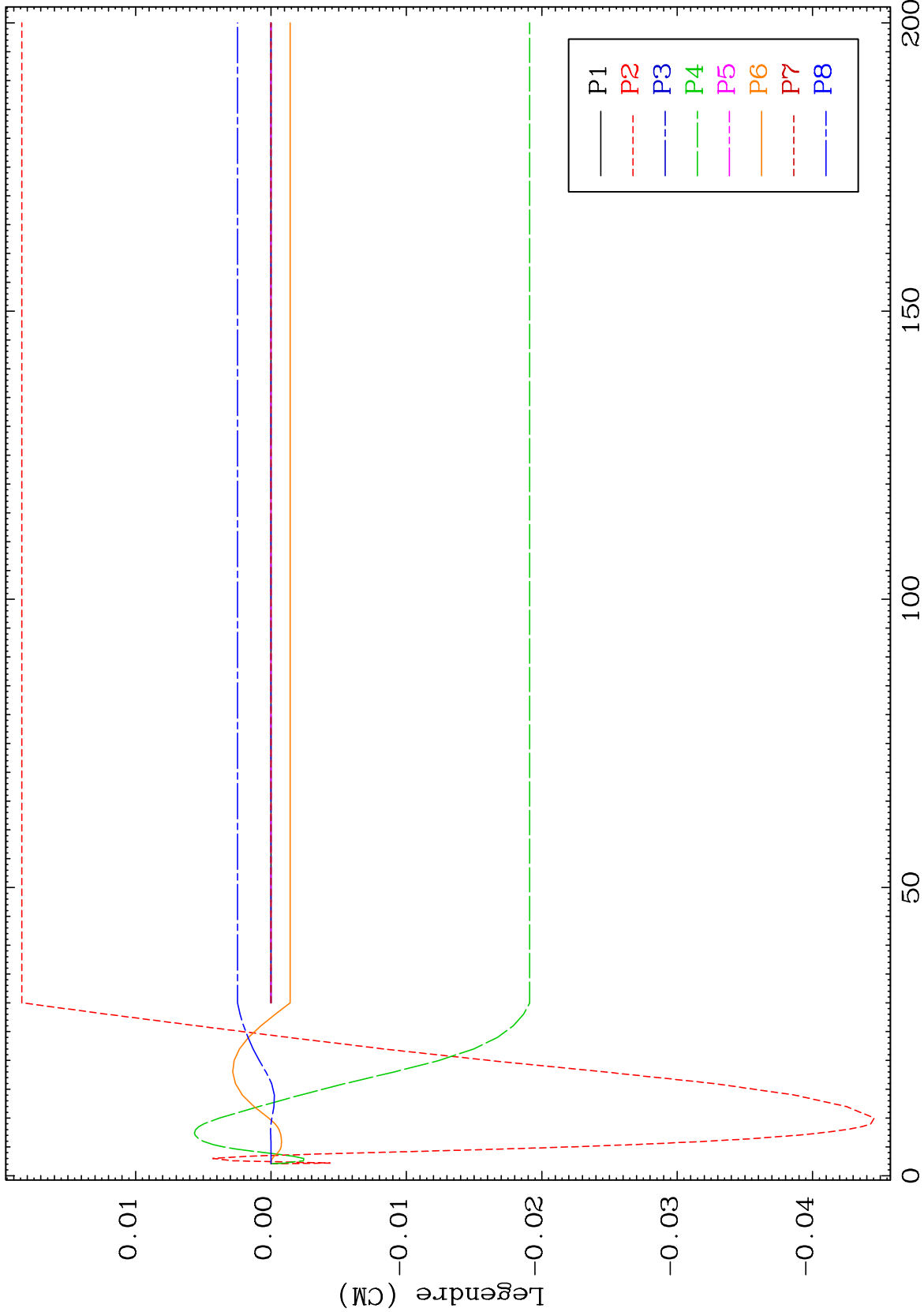




MAT 3919

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

39-Y -87



97

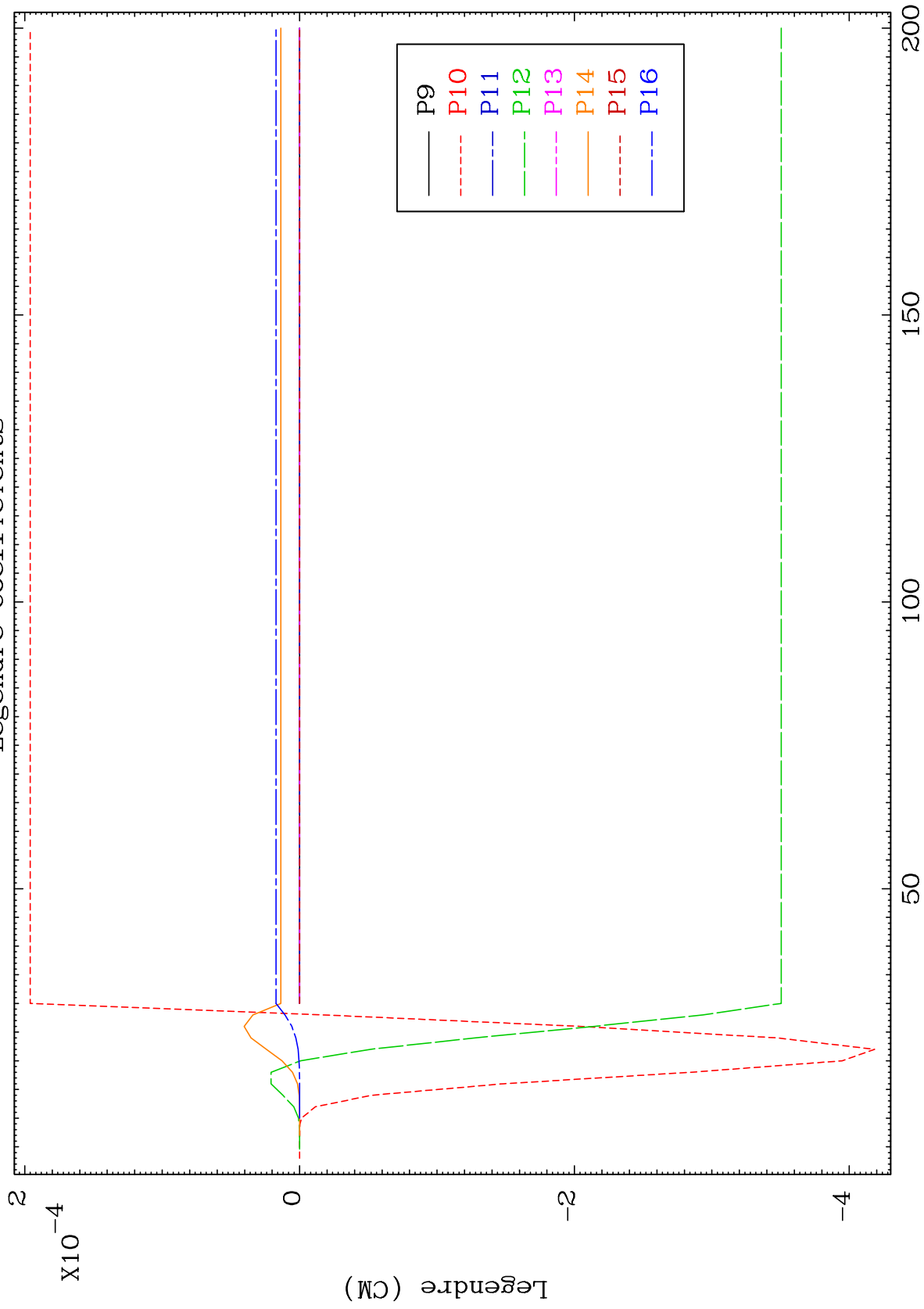
Incident Energy (MeV)

39-Y -87

MAT 3919

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

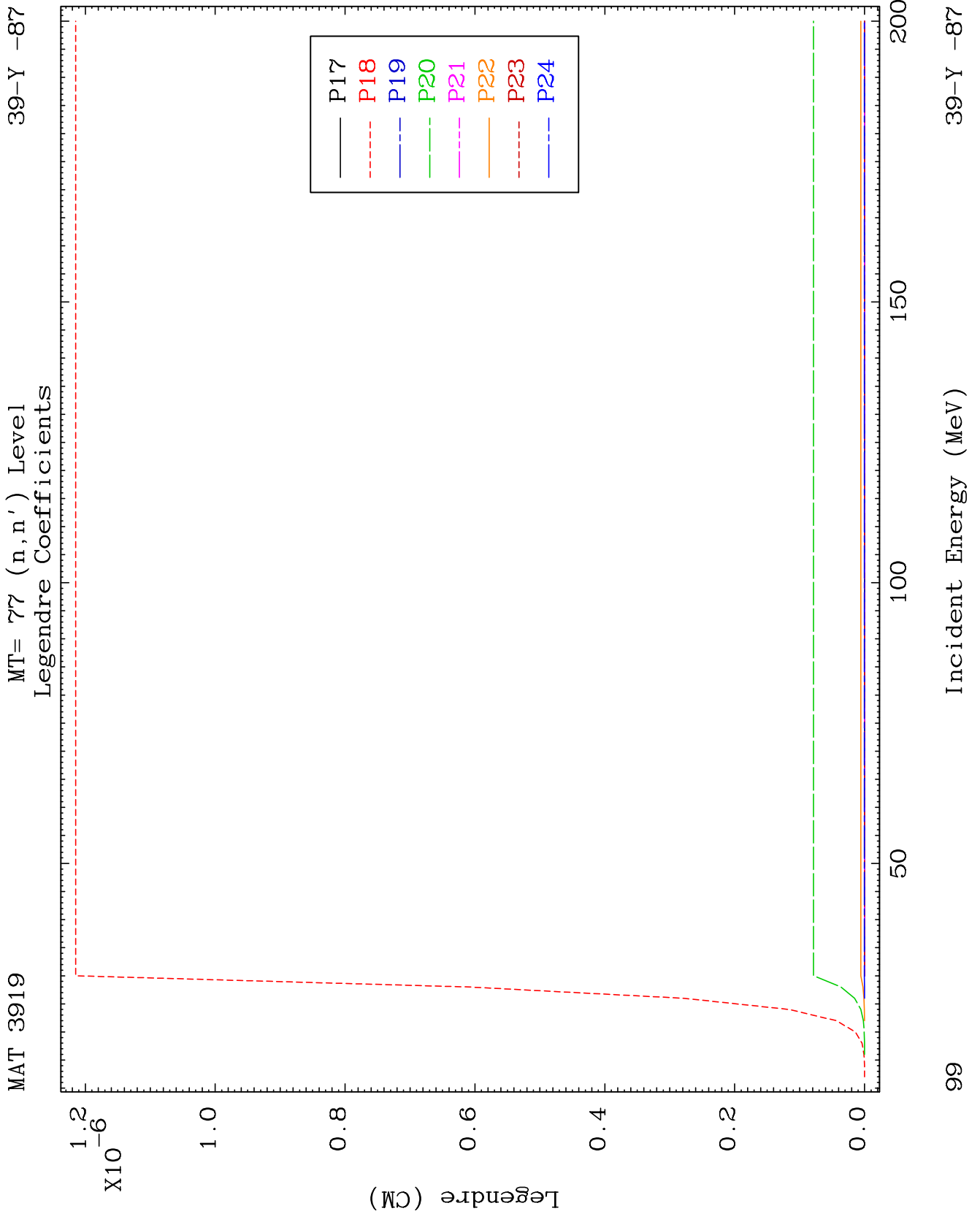
39-Y -87

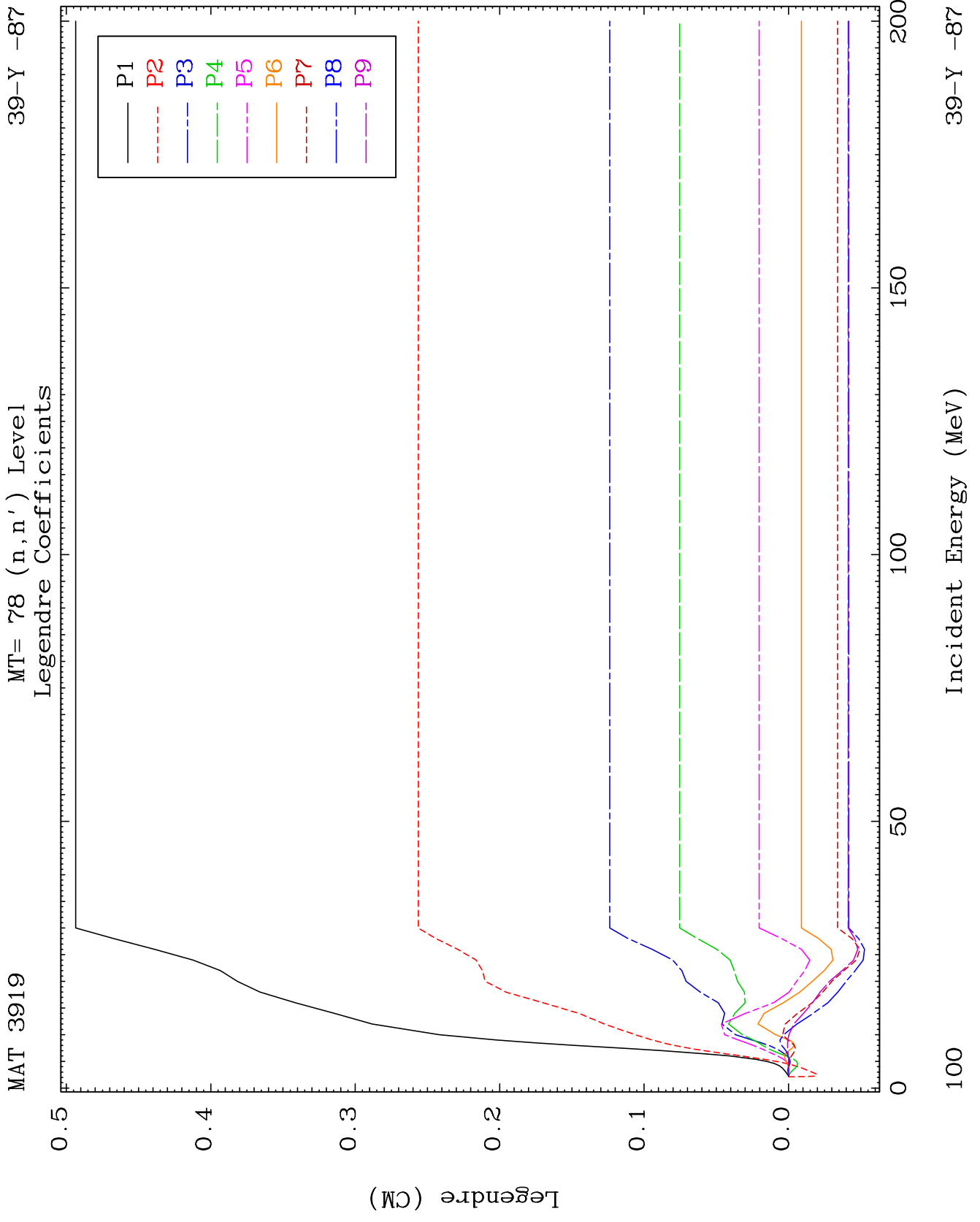


98

Incident Energy (MeV)

39-Y -87

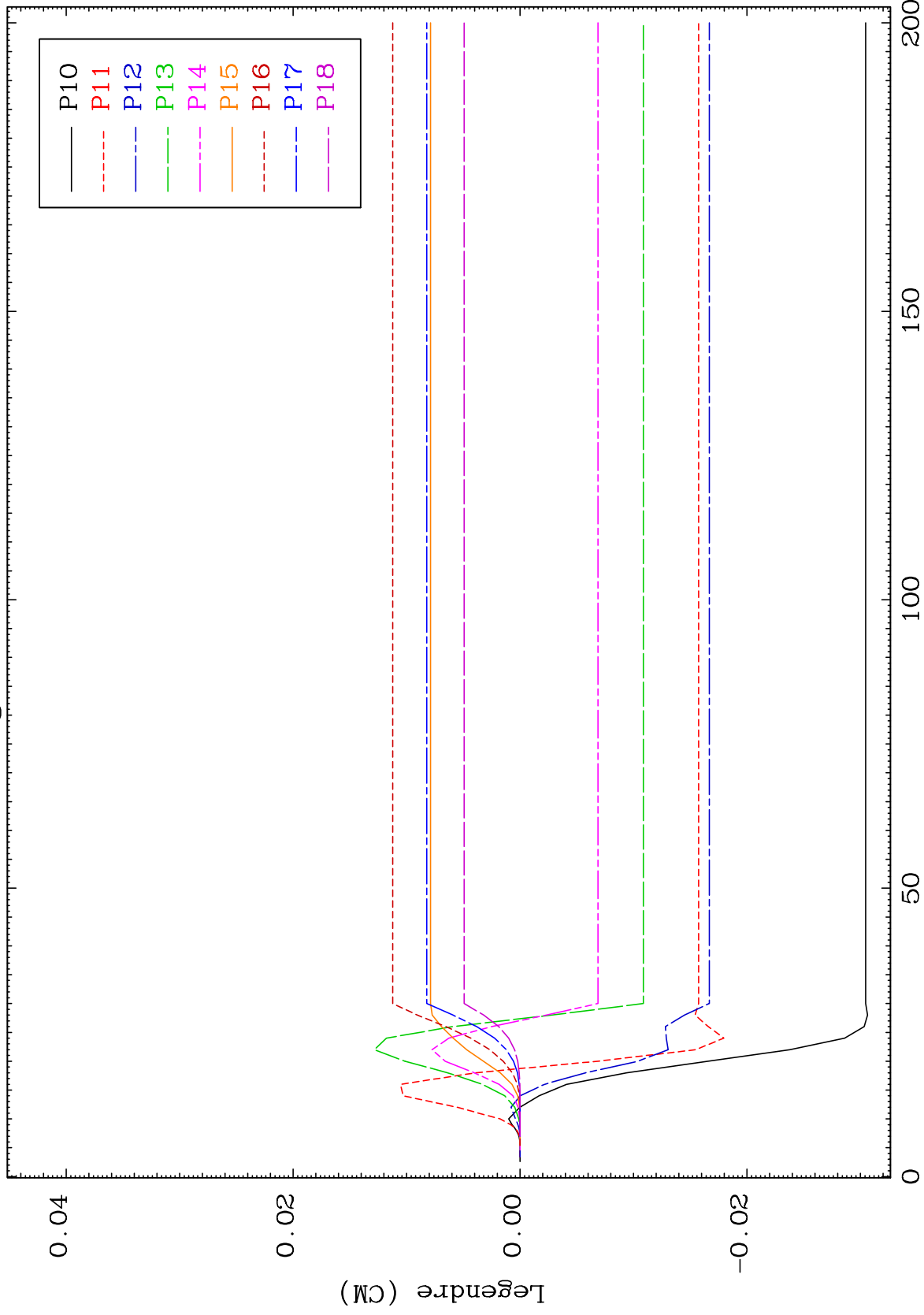




MAT 3919

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

39-Y -87



101

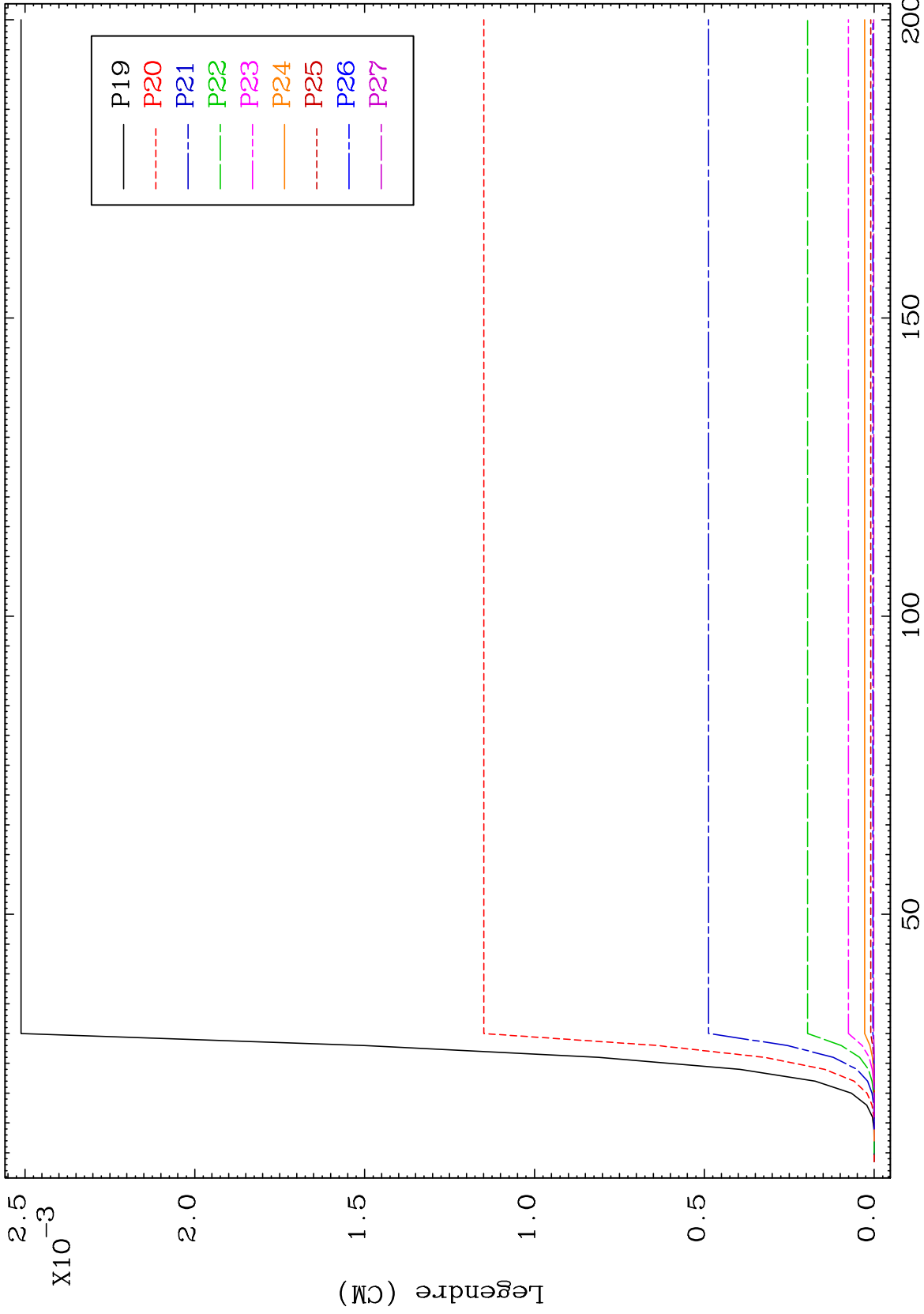
Incident Energy (MeV)

39-Y -87

MAT 3919

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

39-Y -87



102

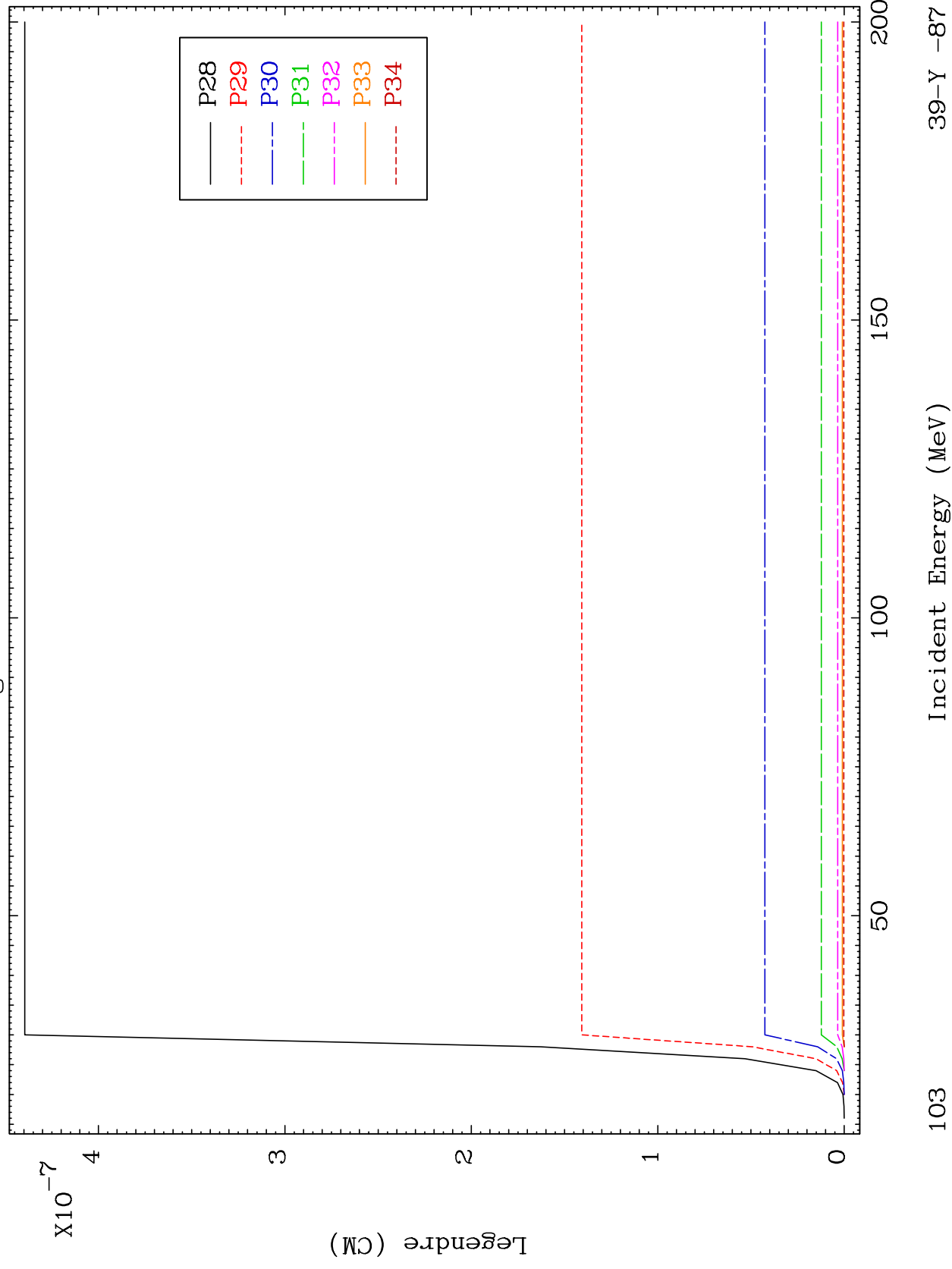
Incident Energy (MeV)

39-Y -87

MAT 3919

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

39-Y -87

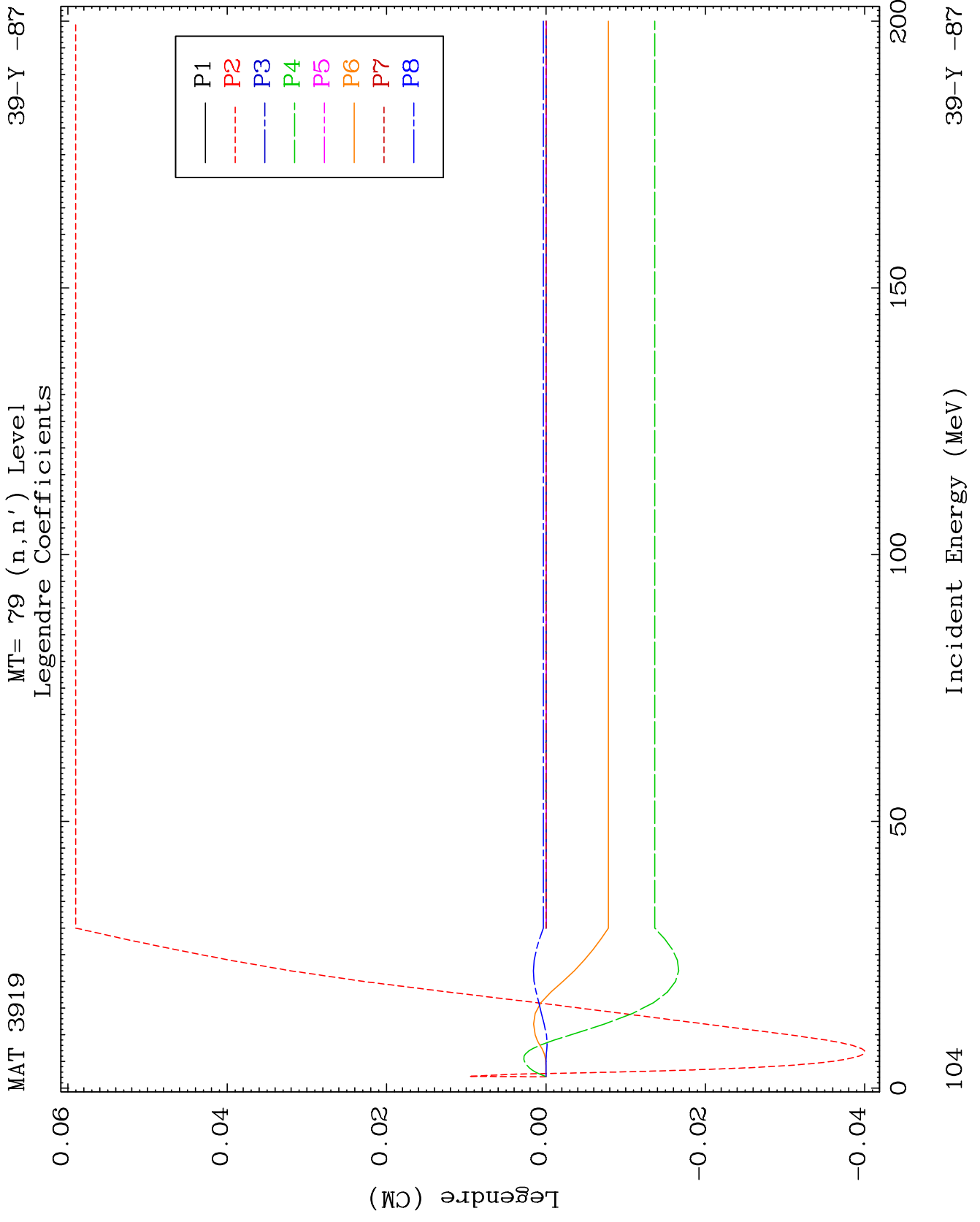


103

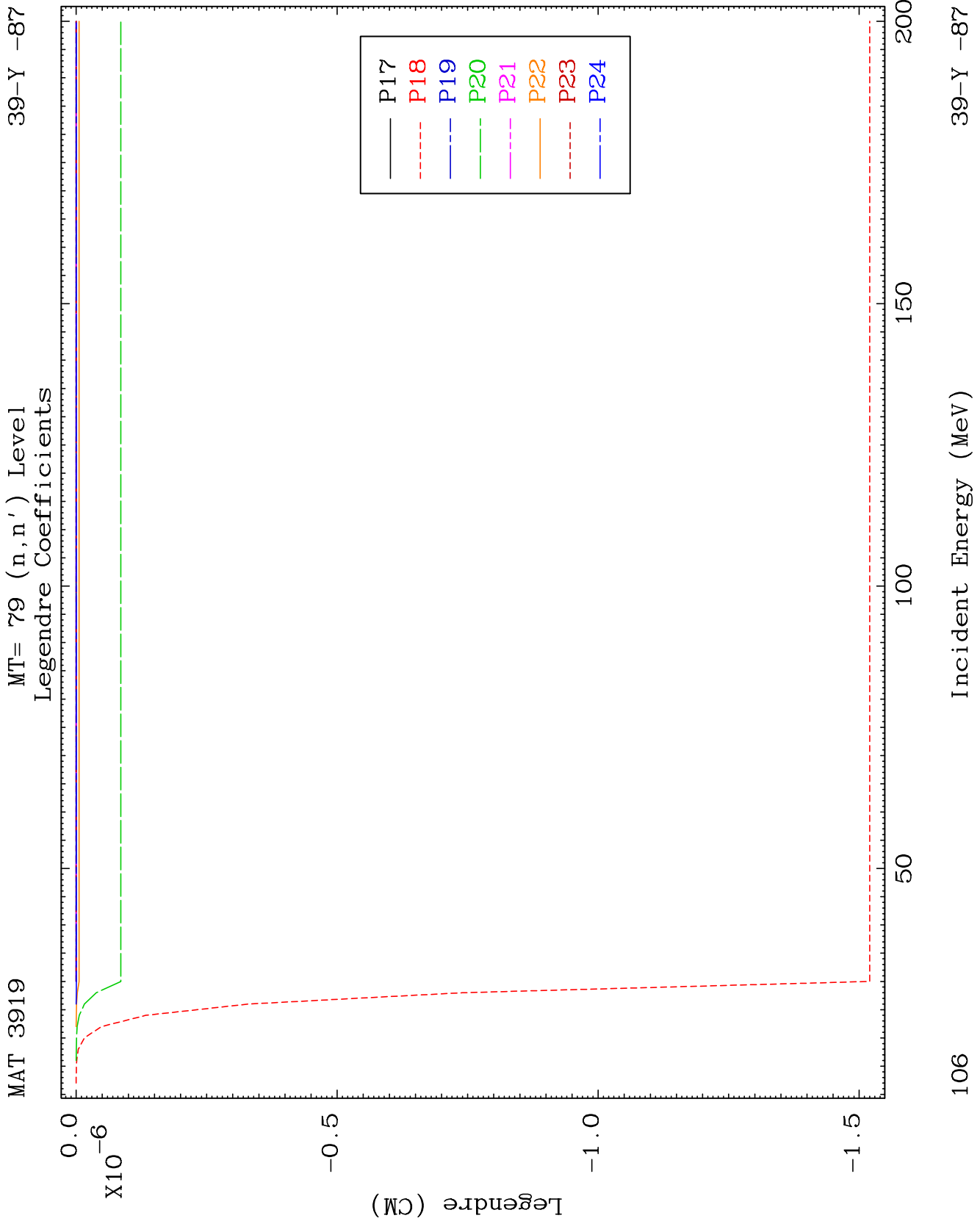
Incident Energy (MeV)

39-Y -87

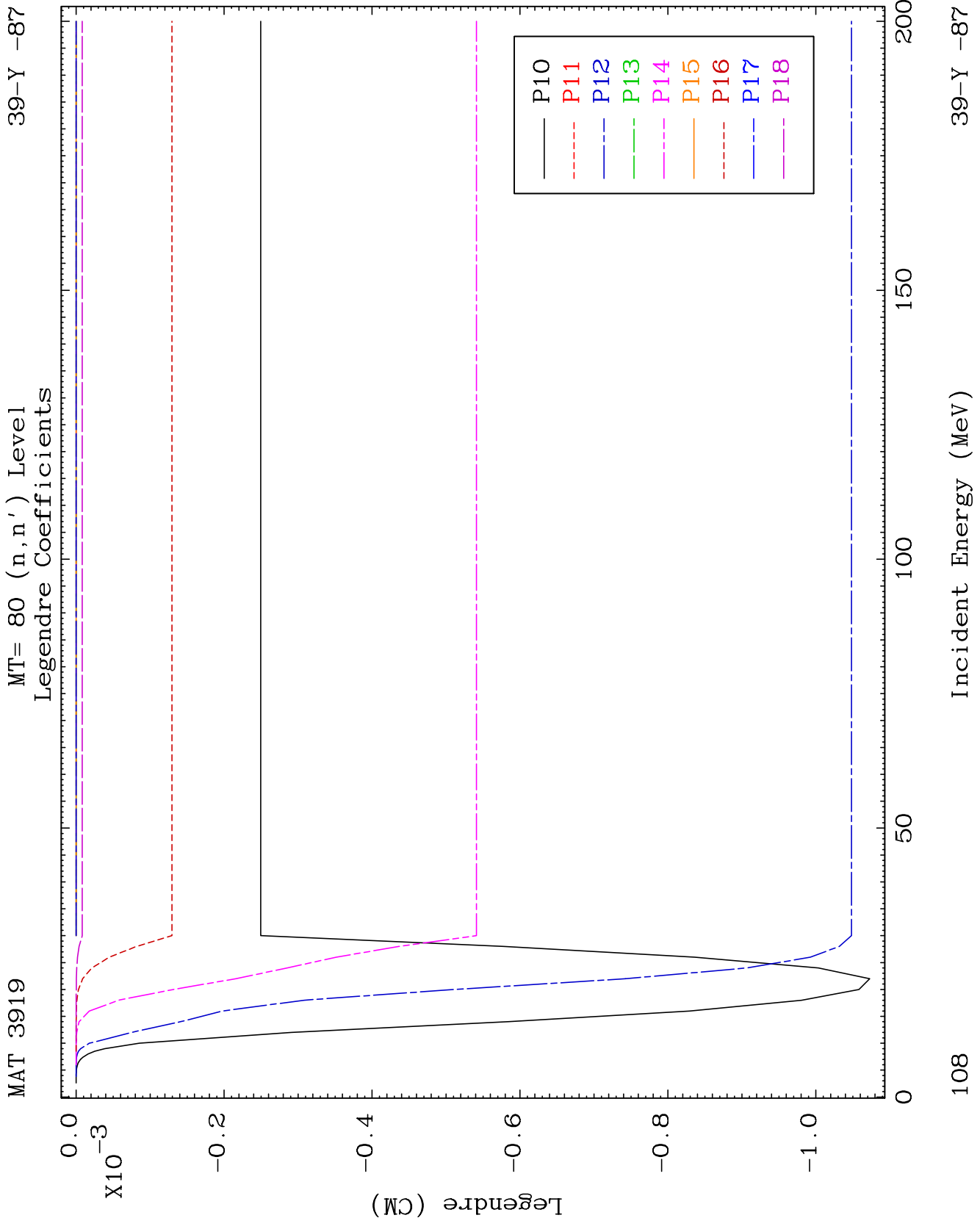


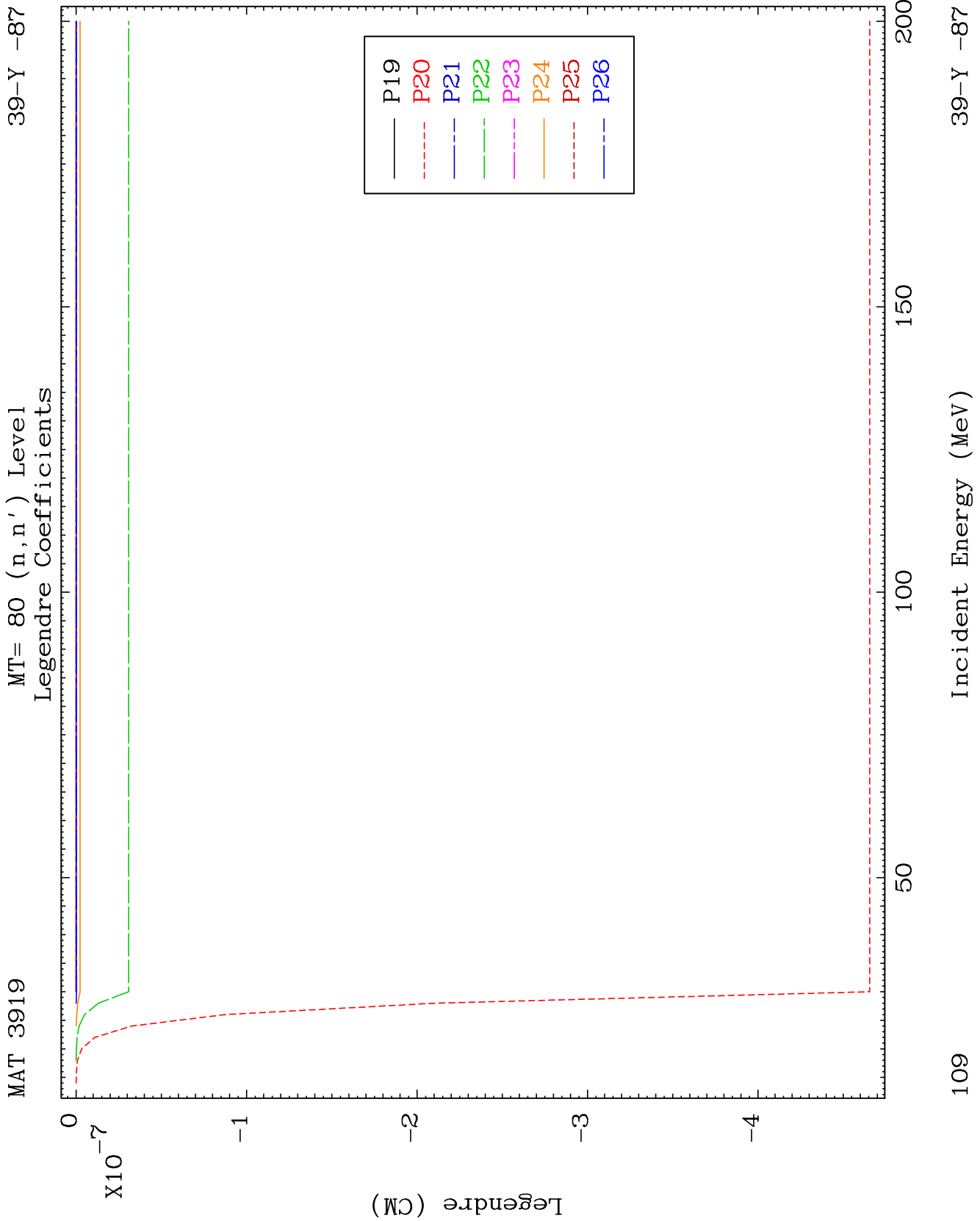








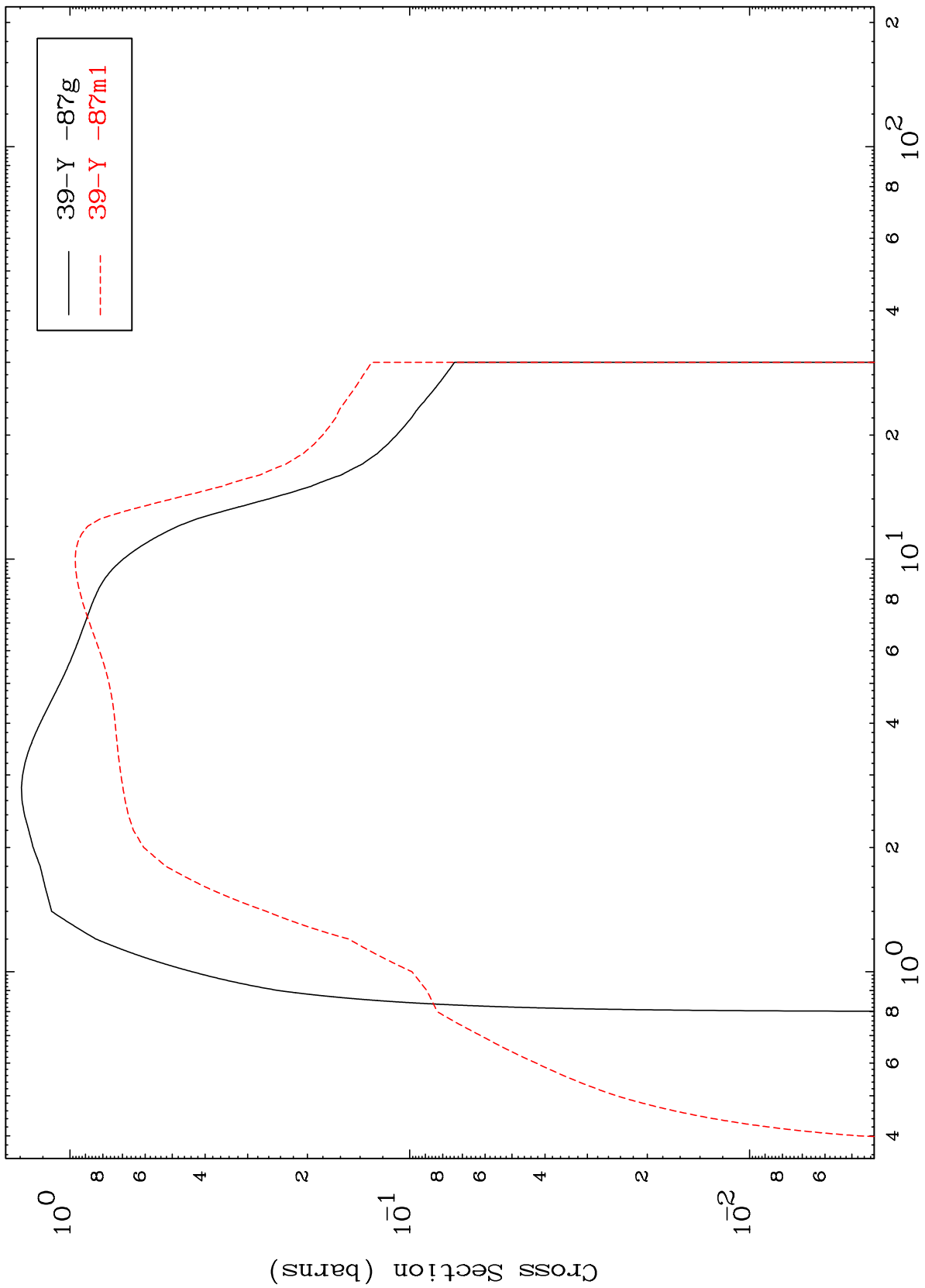




MAT 3919

39-Y -87

Inelastic  
Radionuclide Production Cross Section



— 39-Y -87g  
- - - 39-Y -87m1

110

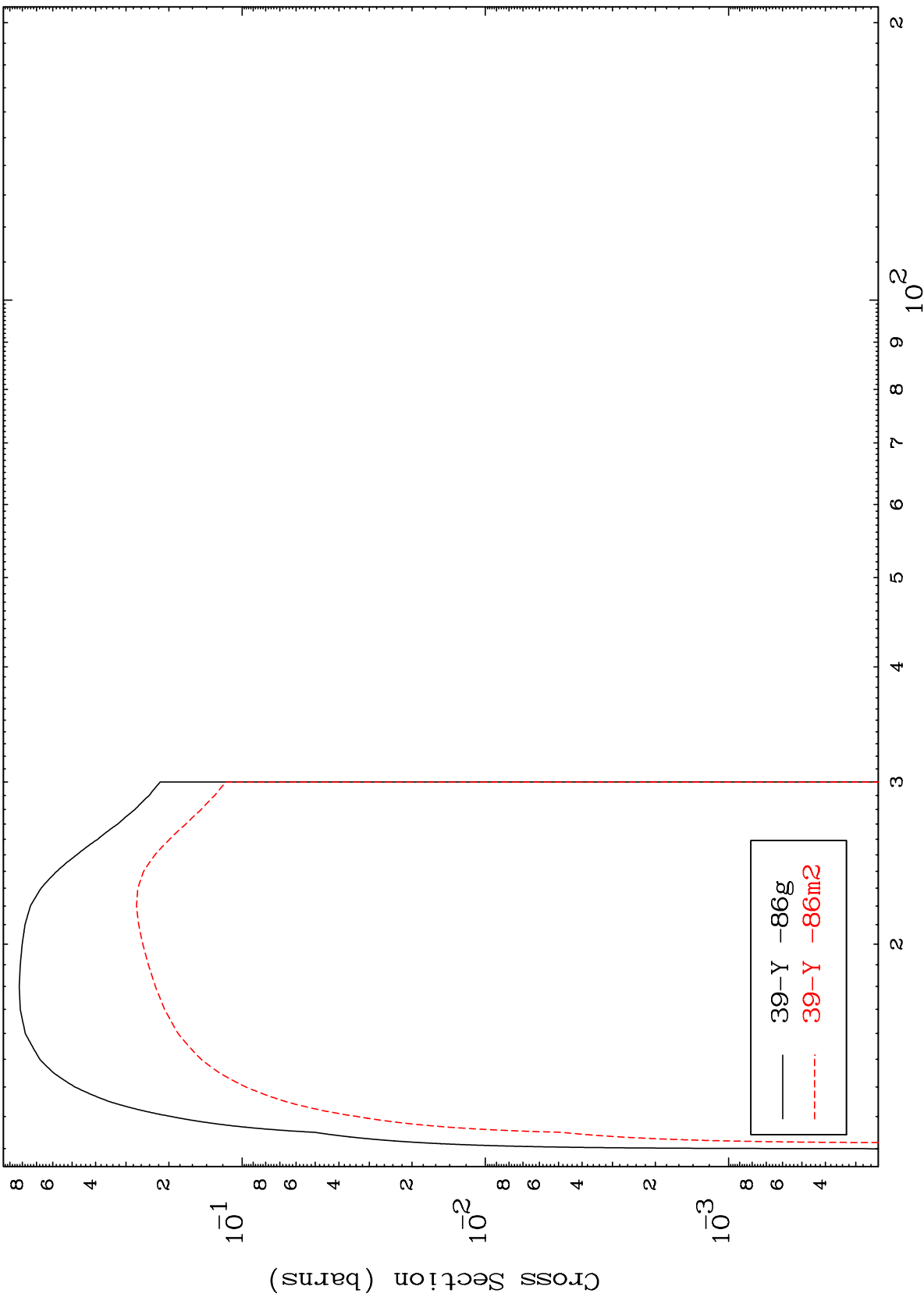
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

Radionuclide Production Cross Section  
(n,2n)



111

Incident Energy (MeV)

39-Y -87

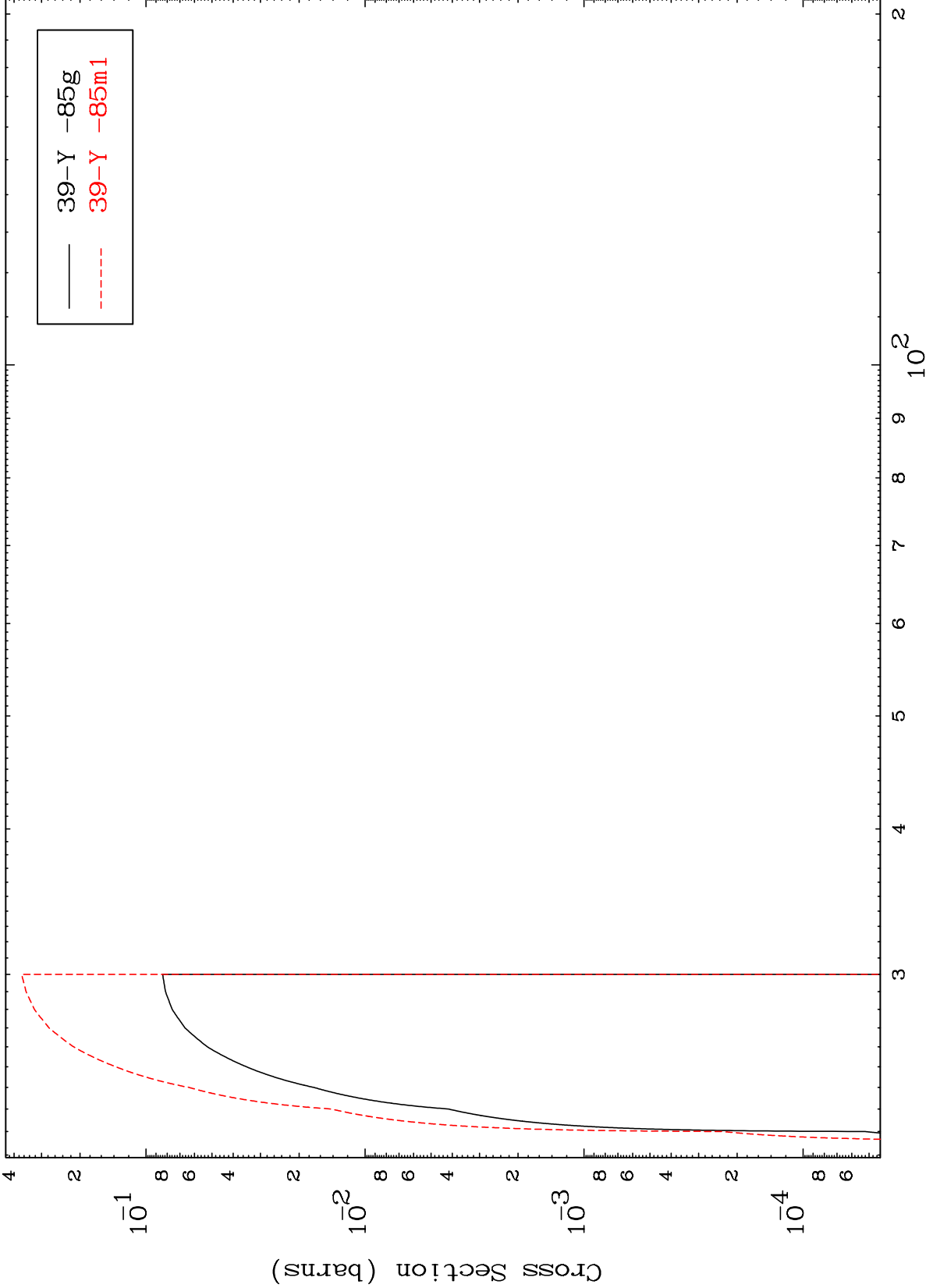


MAT 3919

(n,3n)

39-Y -87

Radionuclide Production Cross Section



39-Y -85g  
39-Y -85m1

112

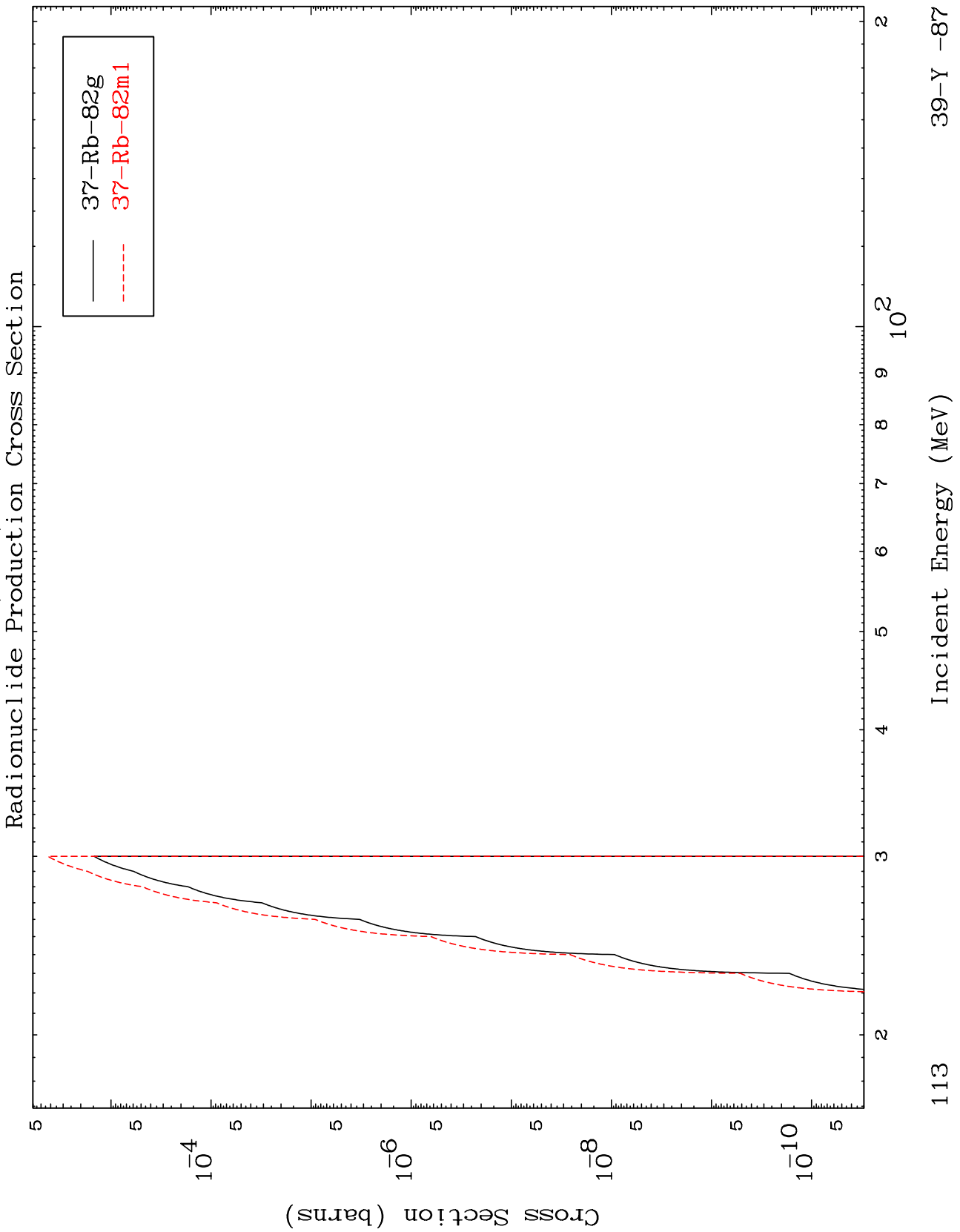
Incident Energy (MeV)

39-Y -87

MAT 3919

(n,2n)  $\alpha$

39-Y -87



113

Incident Energy (MeV)

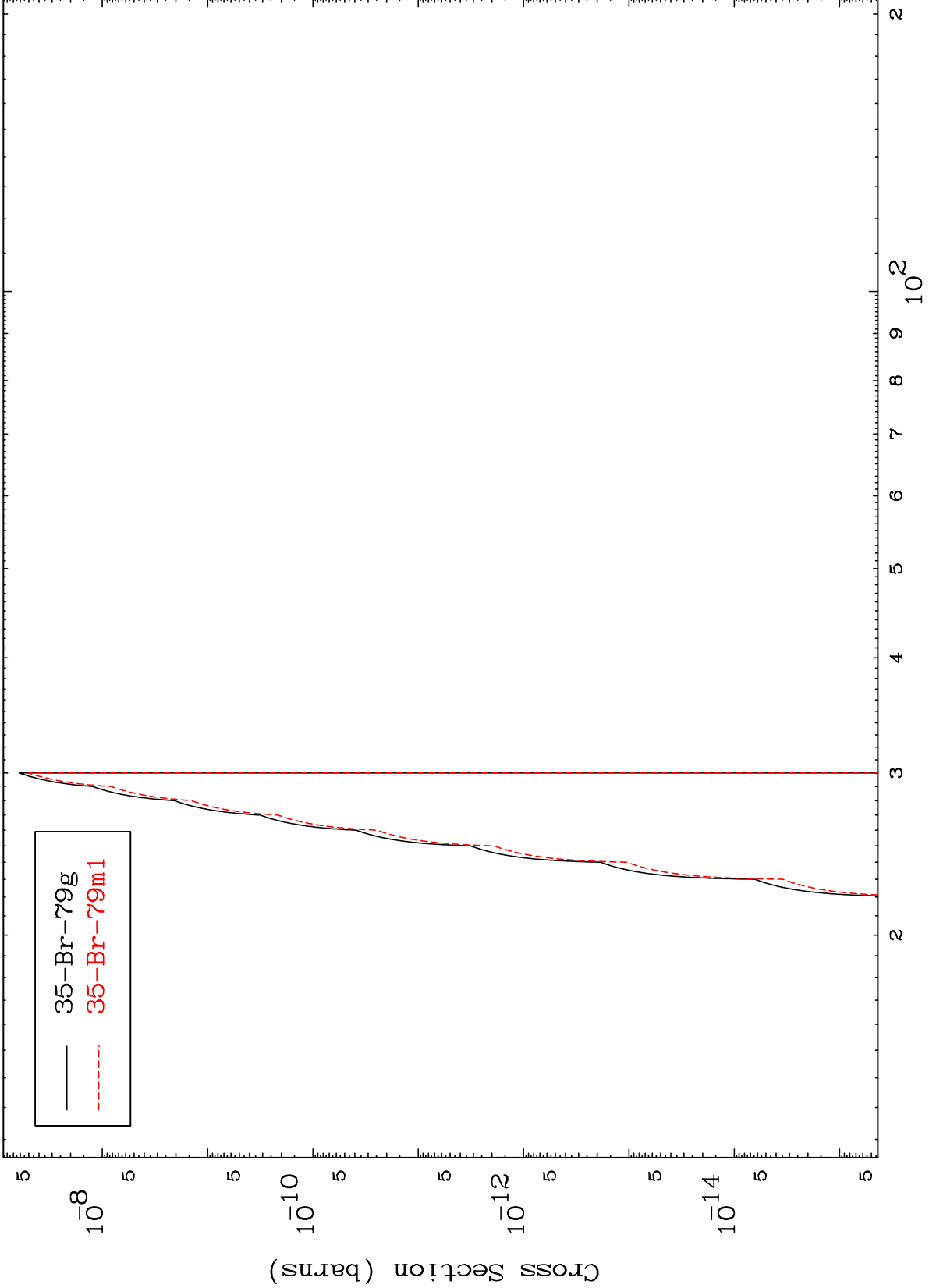
39-Y -87

MAT 3919

(n,n') 2α

39-Y -87

Radionuclide Production Cross Section

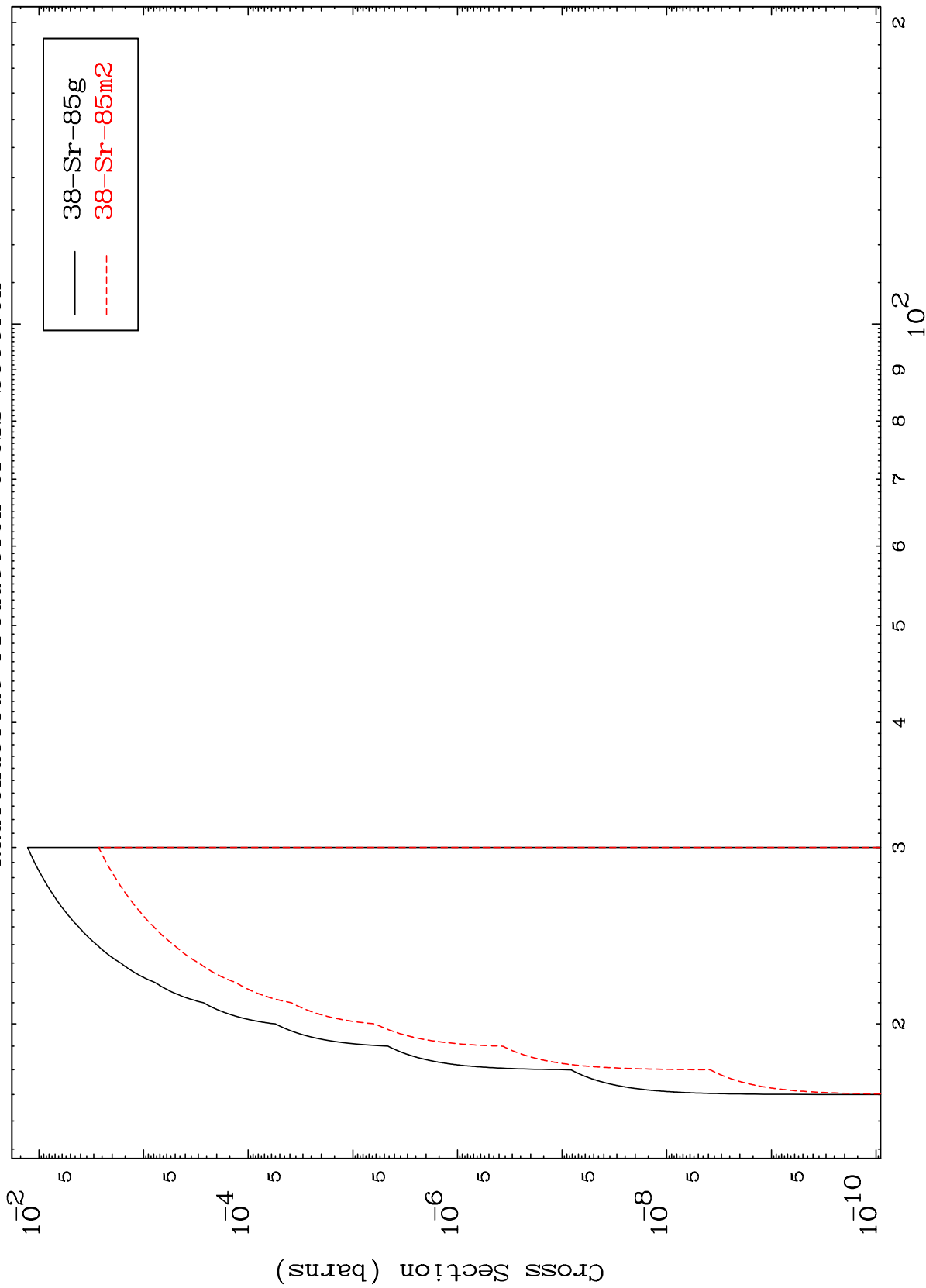


114

Incident Energy (MeV)

39-Y -87

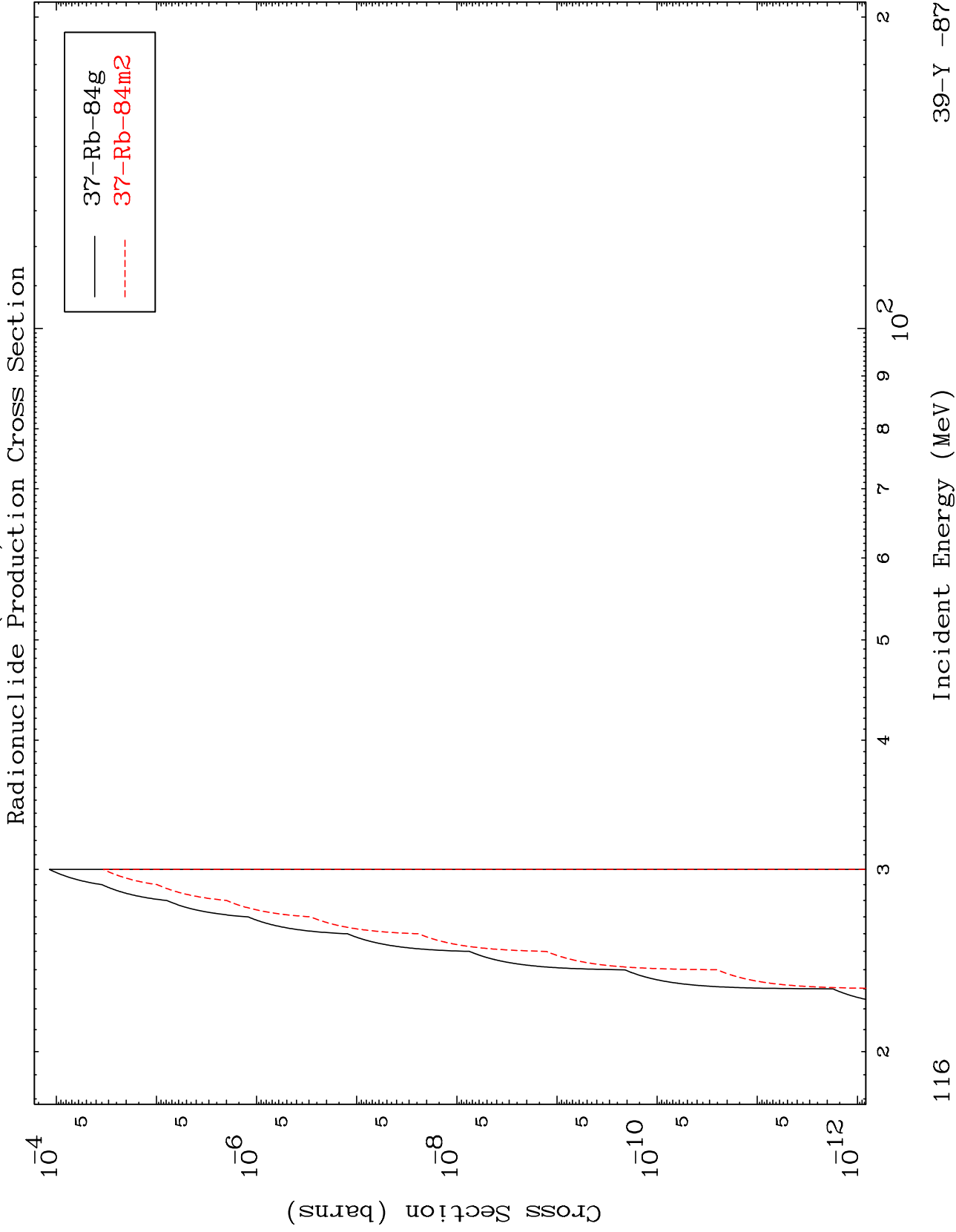
Radionuclide Production Cross Section



MAT 3919

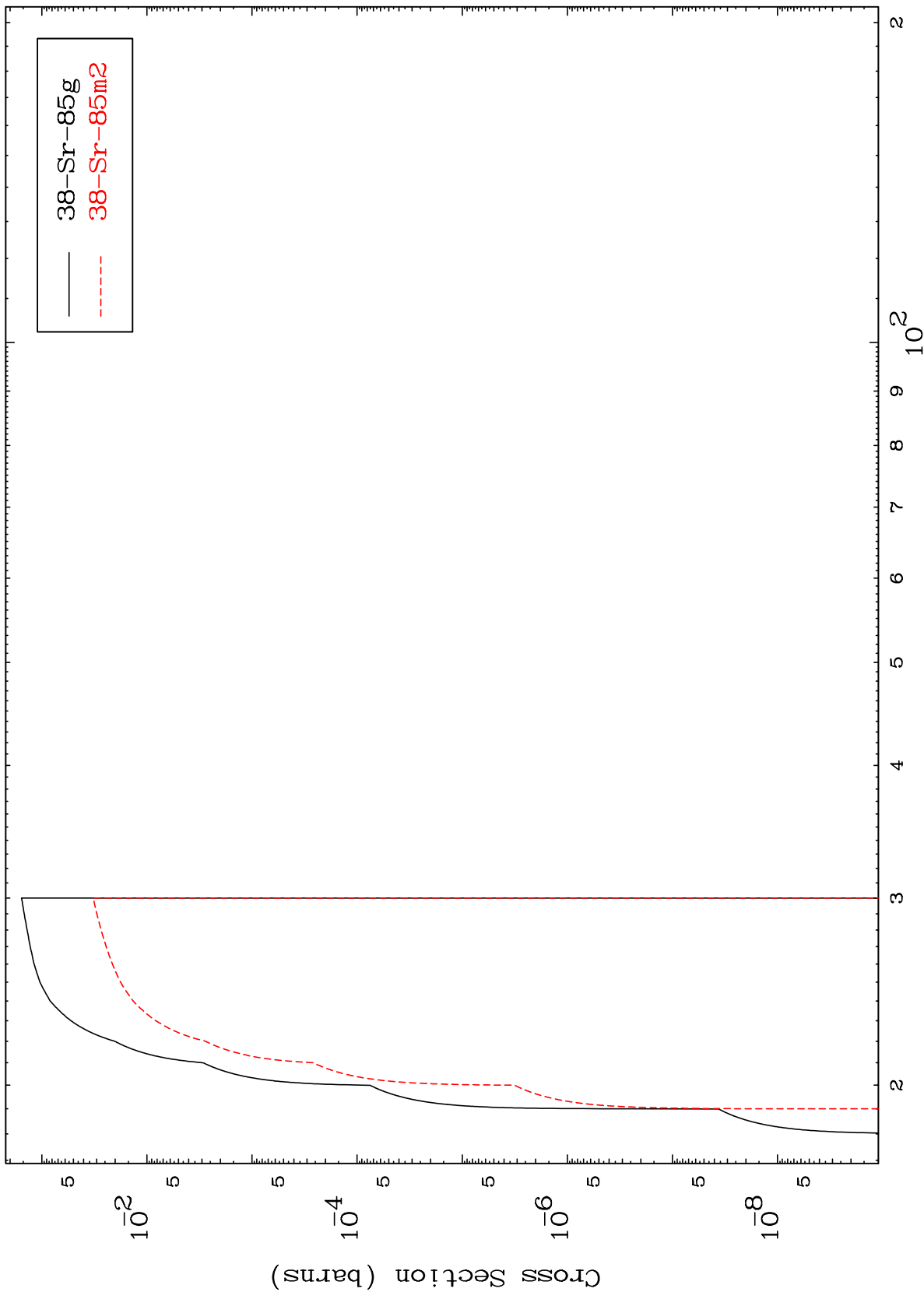
(n,n') He-3

39-Y -87



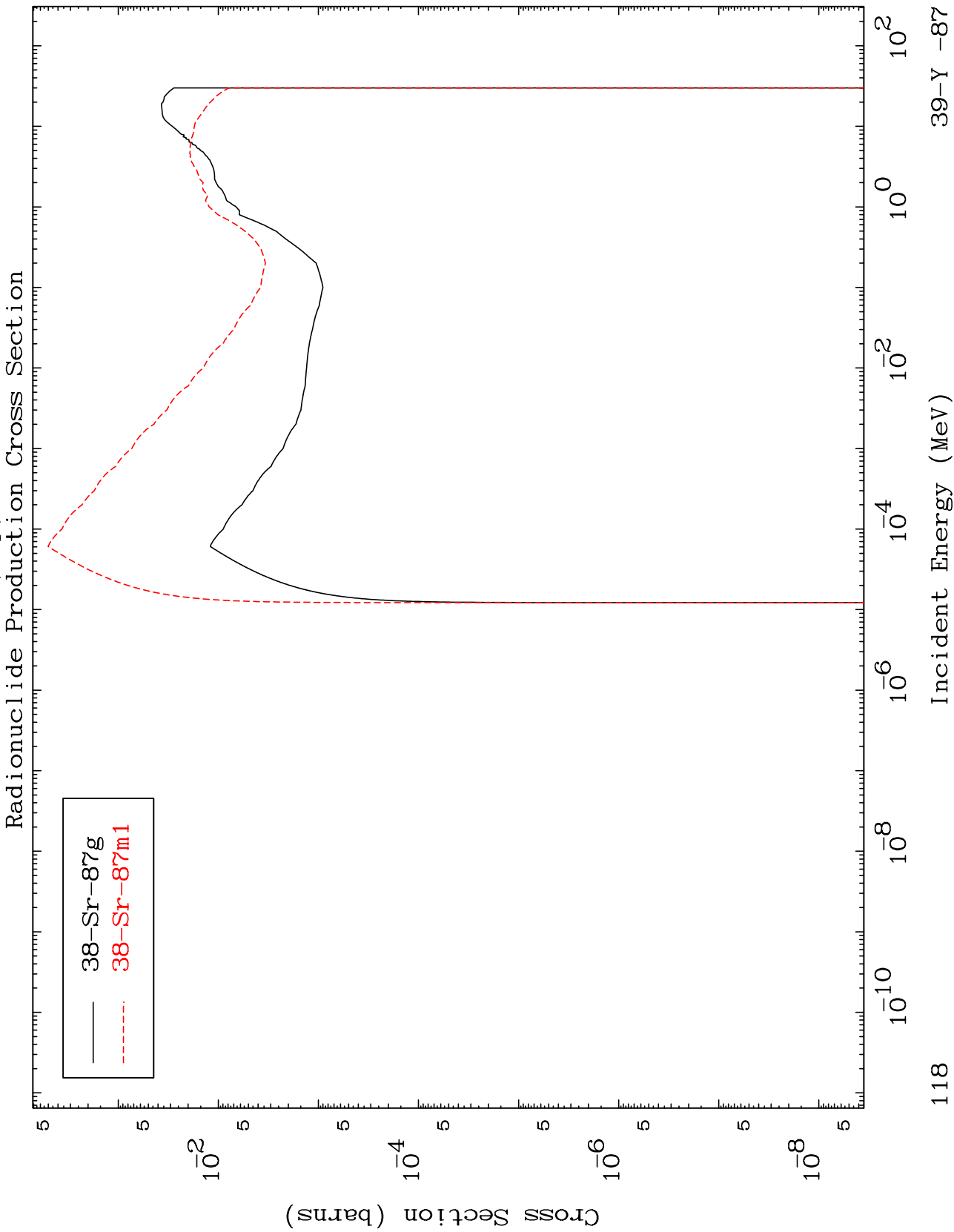
116

Radionuclide Production Cross Section



MAT 3919

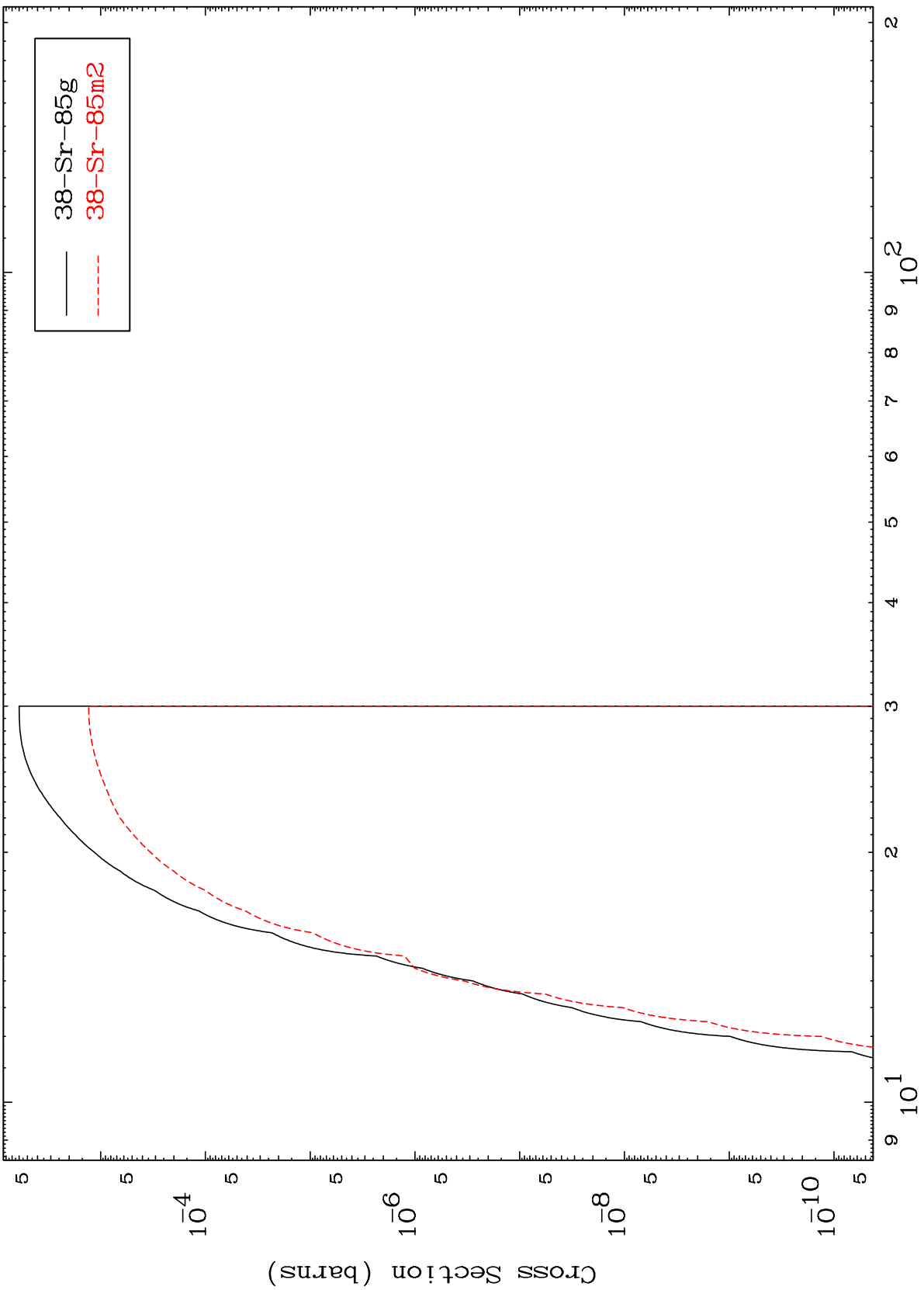
39-Y -87



MAT 3919

39-Y -87

(n,t)  
Radionuclide Production Cross Section



119

Incident Energy (MeV)

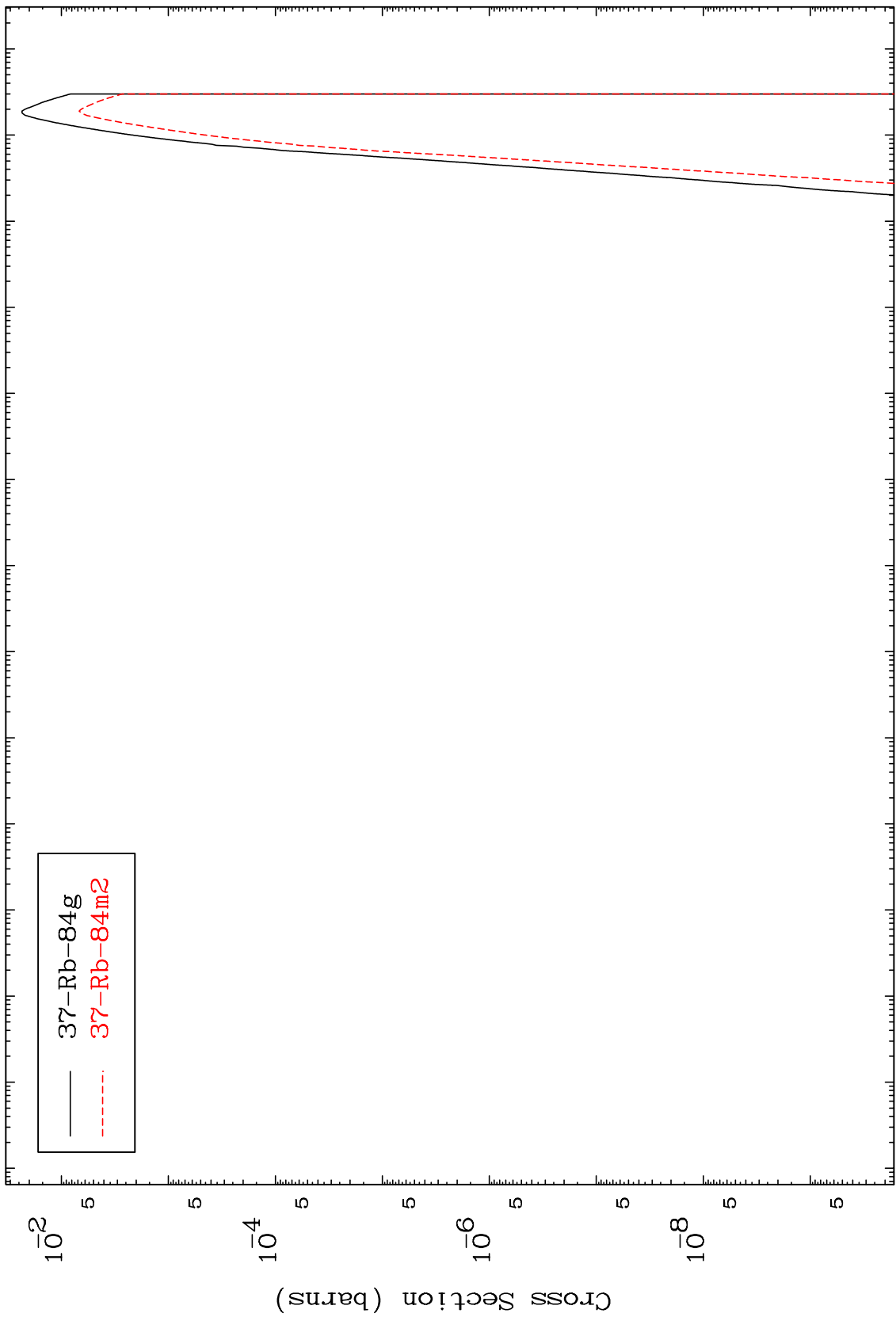
39-Y -87



MAT 3919

39-Y -87

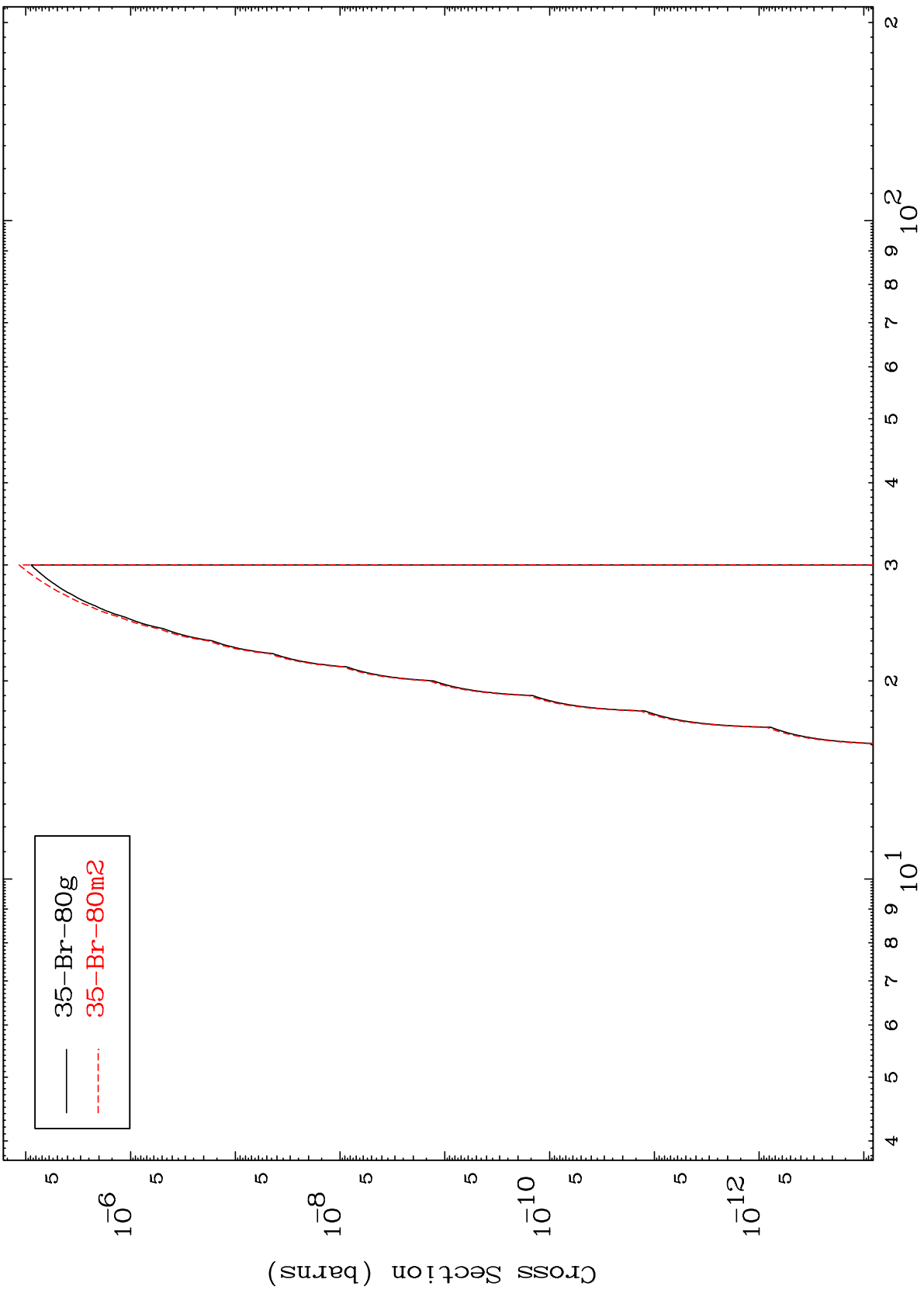
Radionuclide Production Cross Section  
(n,  $\alpha$ )



MAT 3919

39-Y -87

Radionuclide Production Cross Section  
(n,2α)



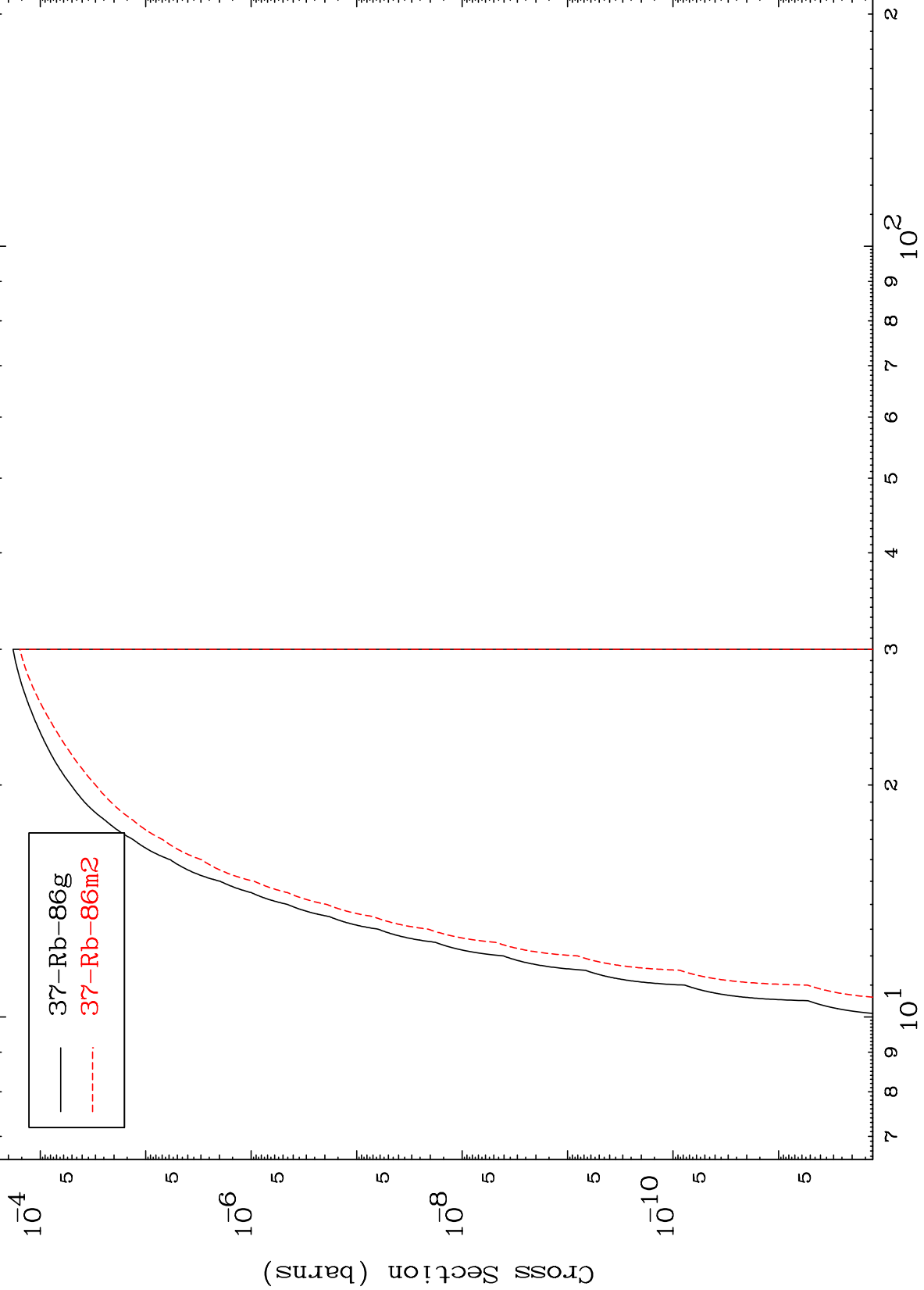
121

39-Y -87

MAT 3919

39-Y -87

Radionuclide Production Cross Section  
(n,2p)



122

Incident Energy (MeV)

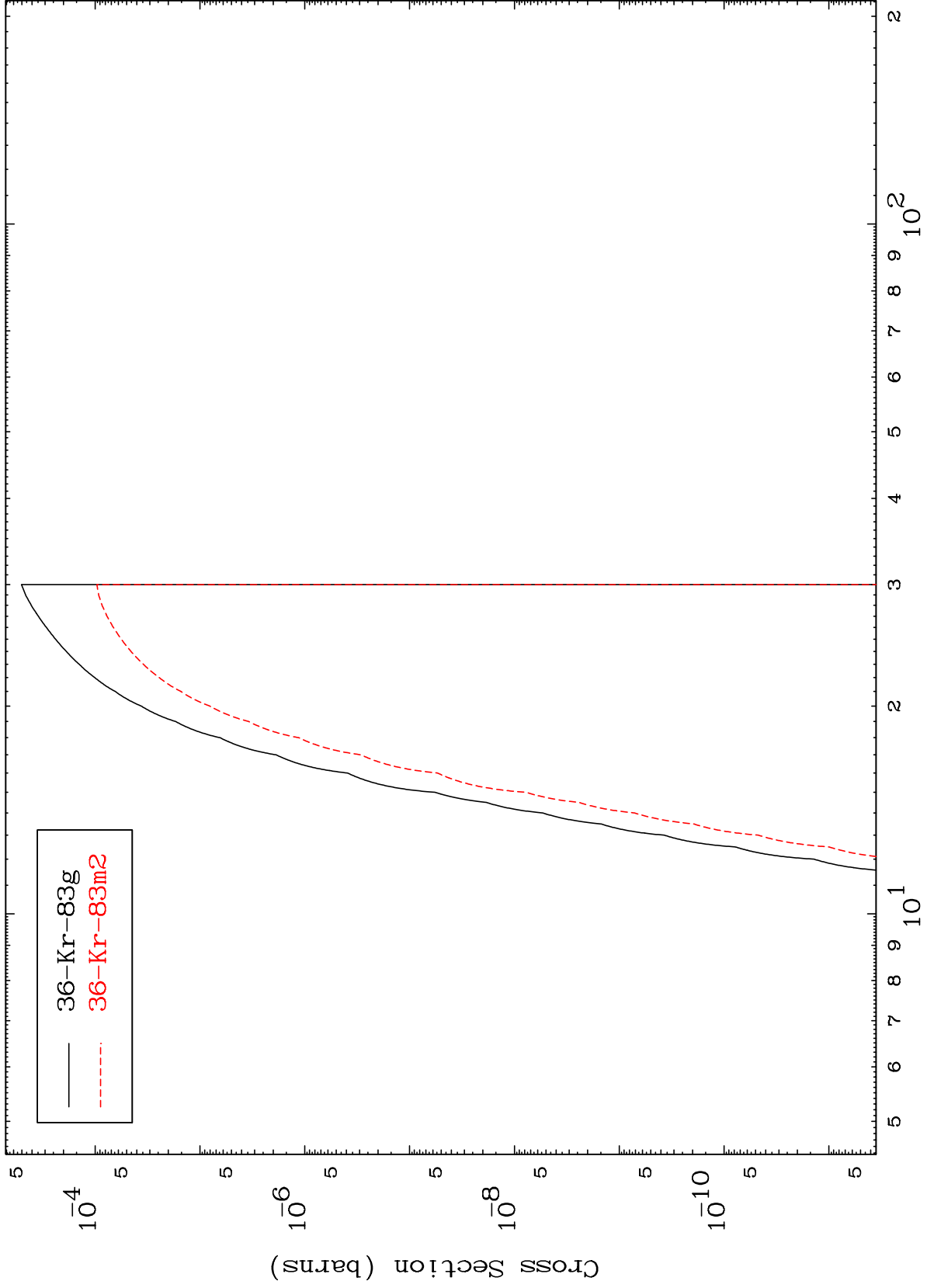
39-Y -87

MAT 3919

(n,p)  $\alpha$

39-Y -87

Radionuclide Production Cross Section



123

Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

