

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

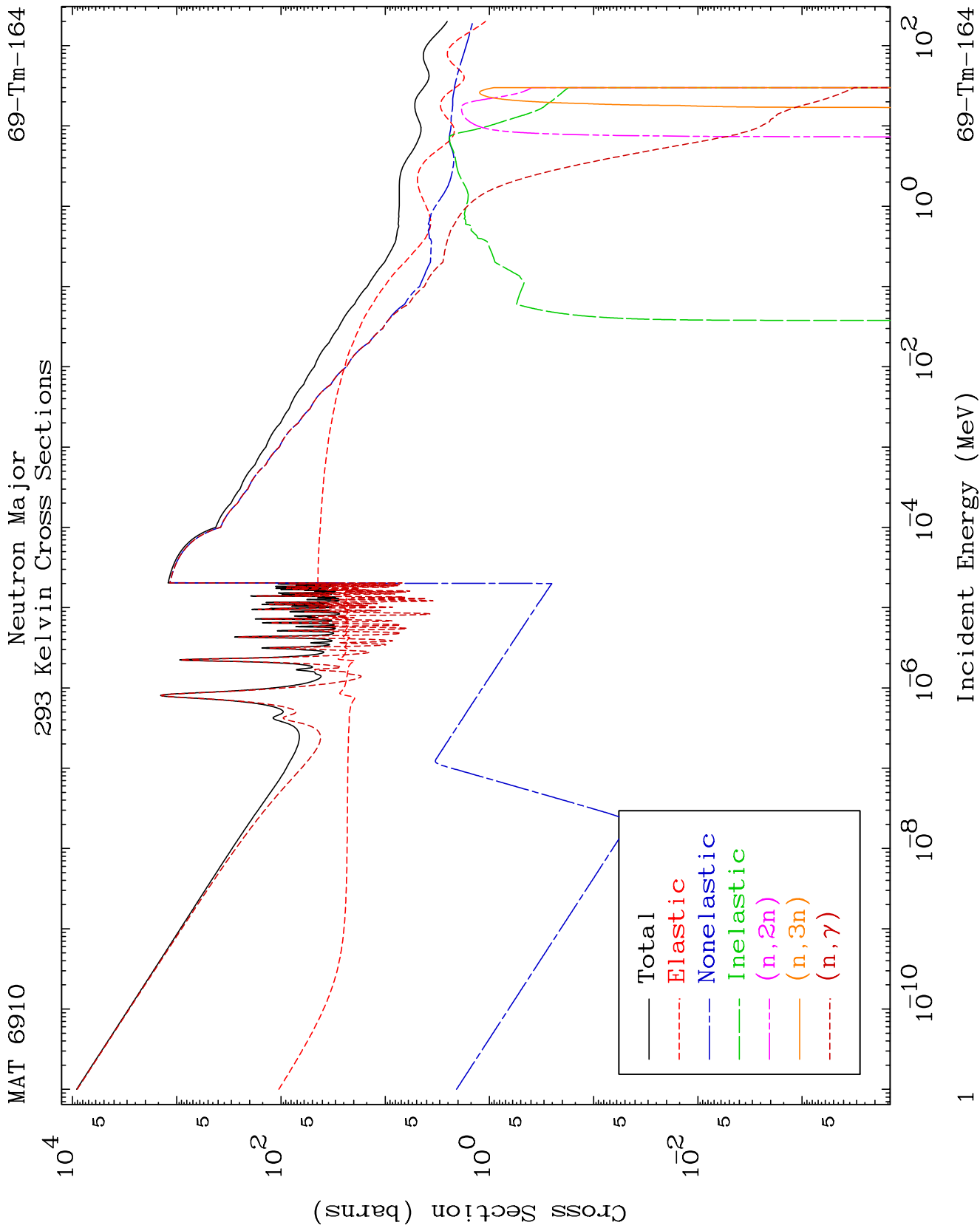
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

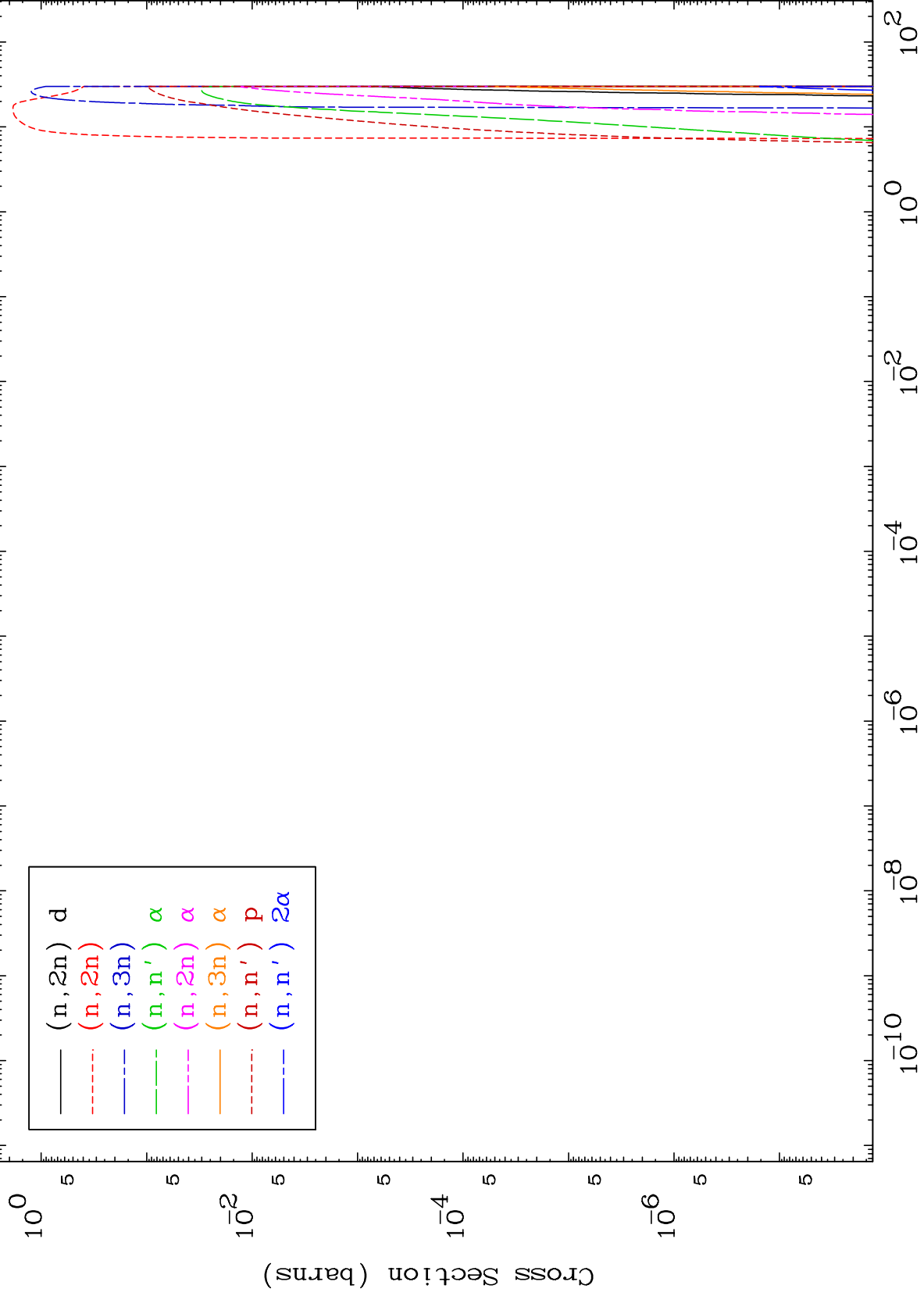
Press Mouse Button to Start



MAT 6910

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-164



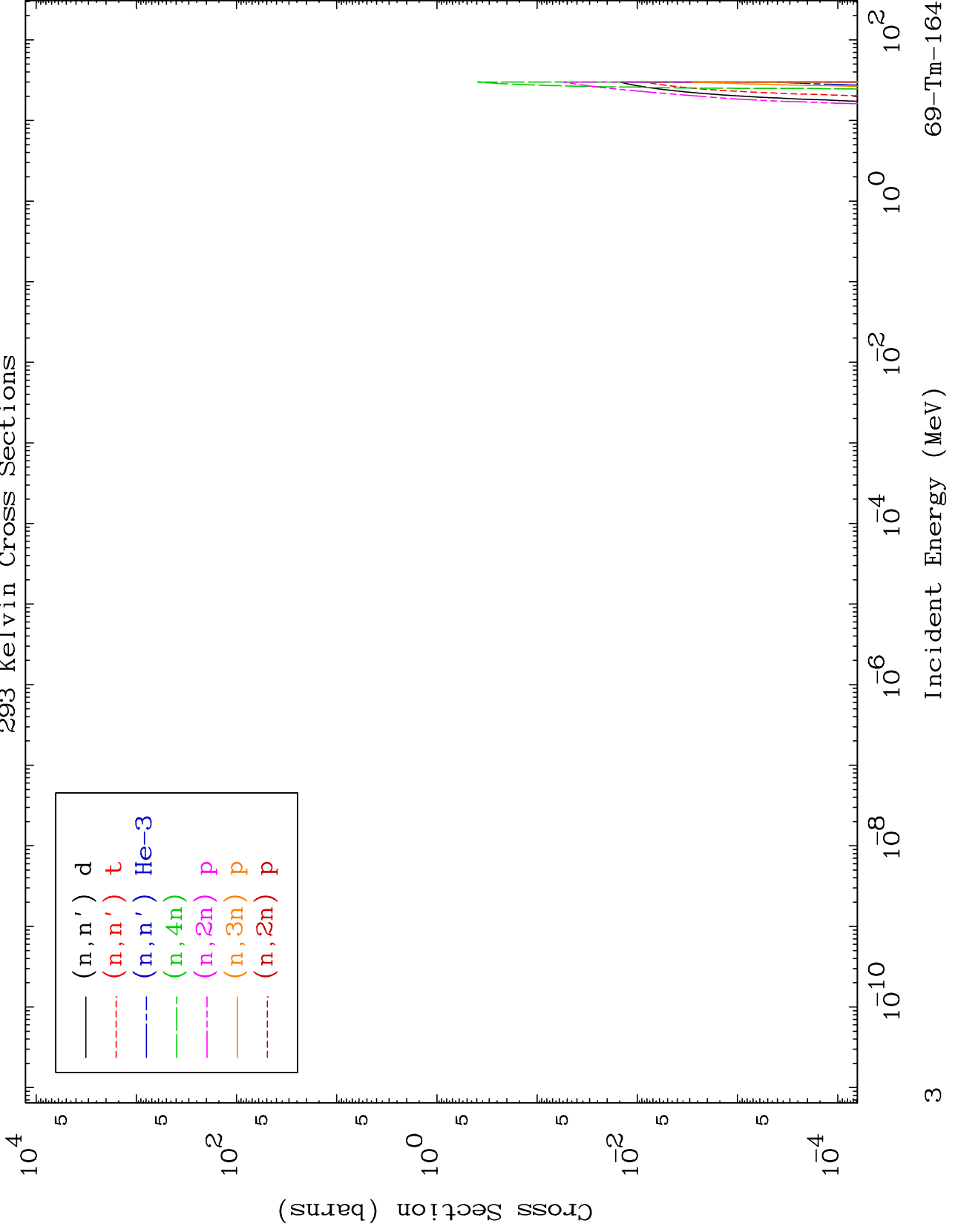
69-Tm-164

Incident Energy (MeV)

MAT 6910

Neutron Absorption
293 Kelvin Cross Sections

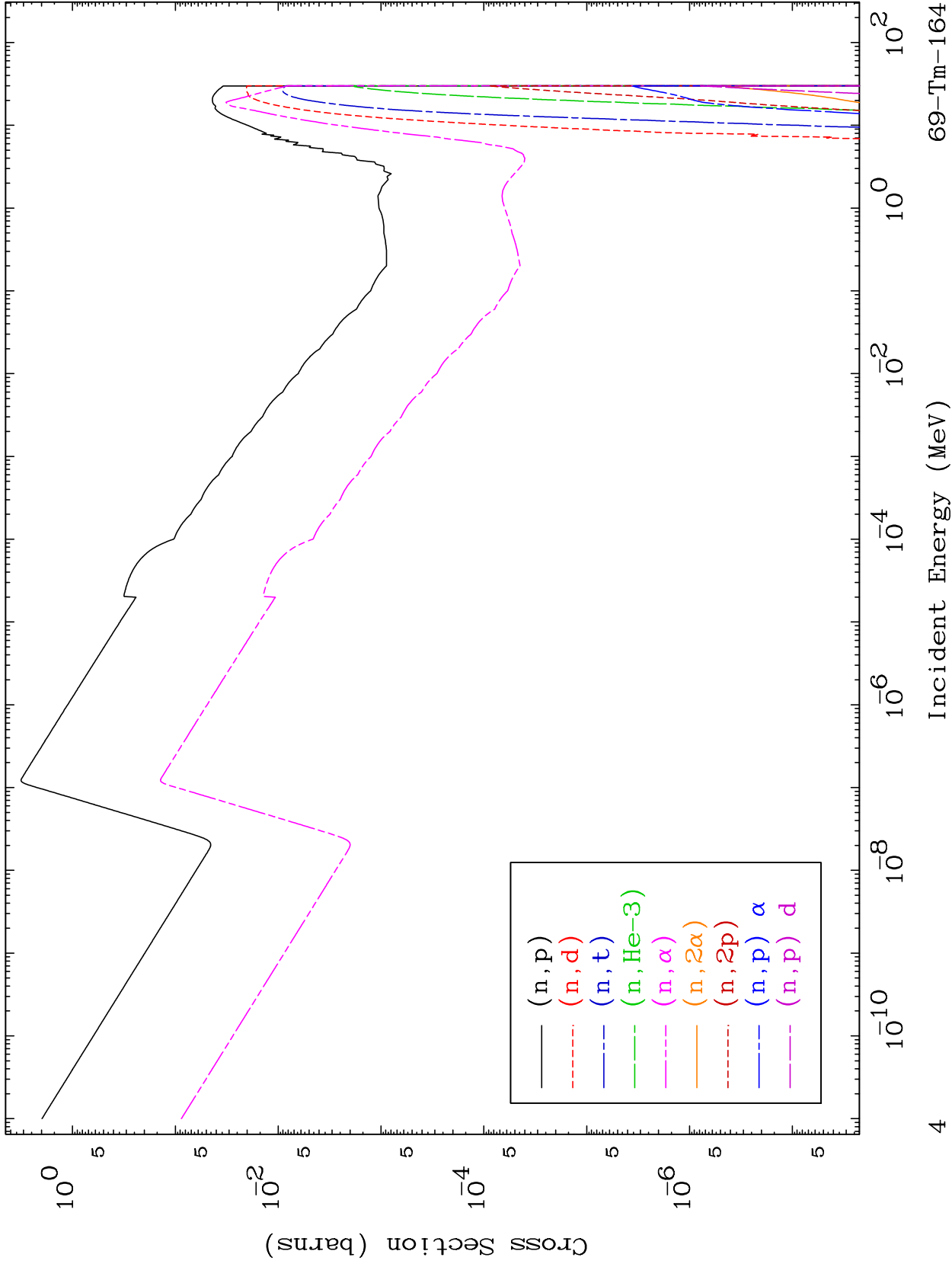
69-Tm-164



MAT 6910

Neutron Absorption
293 Kelvin Cross Sections

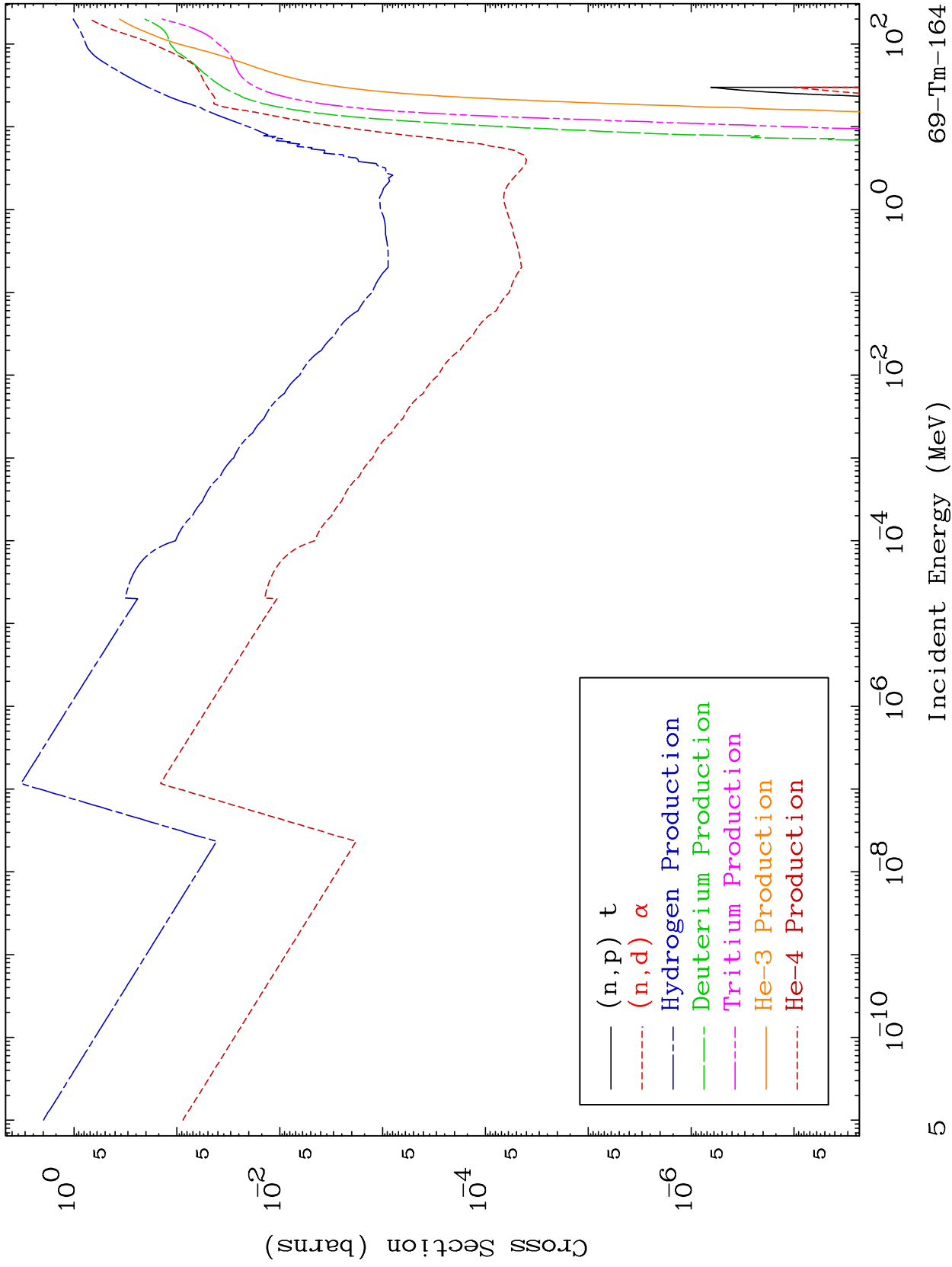
69-Tm-164



MAT 6910

Neutron Absorption
293 Kelvin Cross Sections

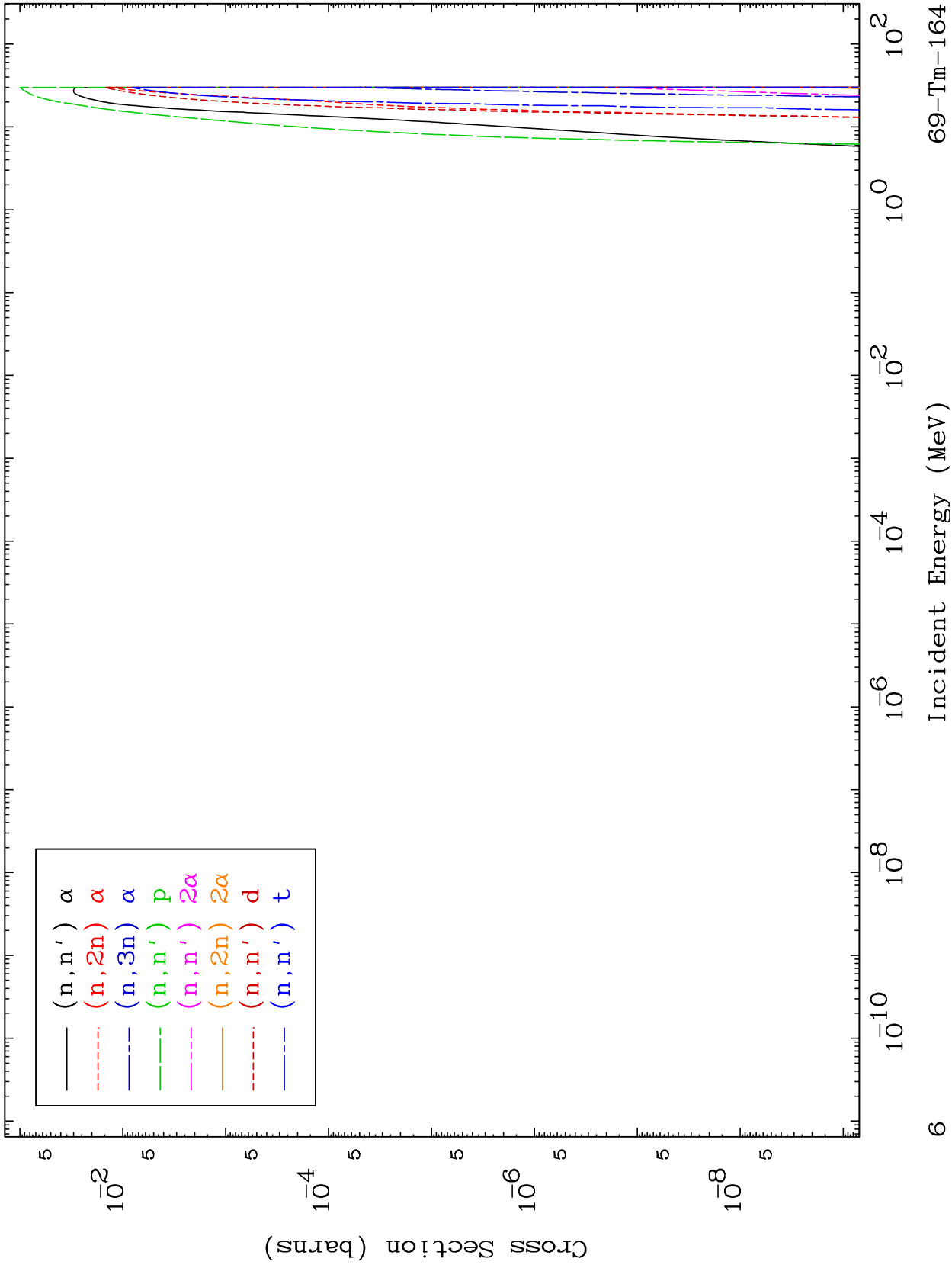
69-Tm-164



MAT 6910

Charged Particle
293 Kelvin Cross Sections

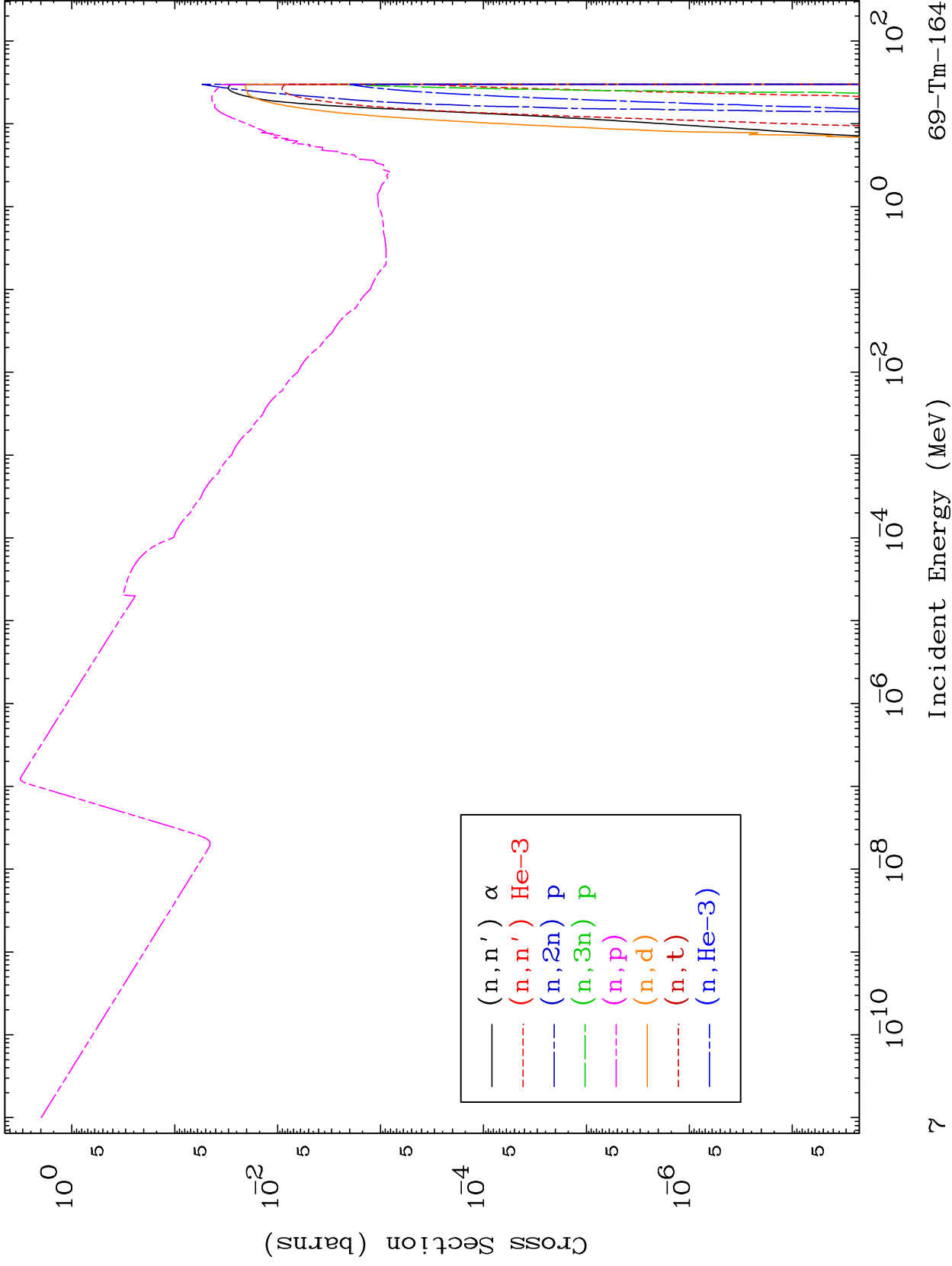
69-Tm-164



MAT 6910

Charged Particle
293 Kelvin Cross Sections

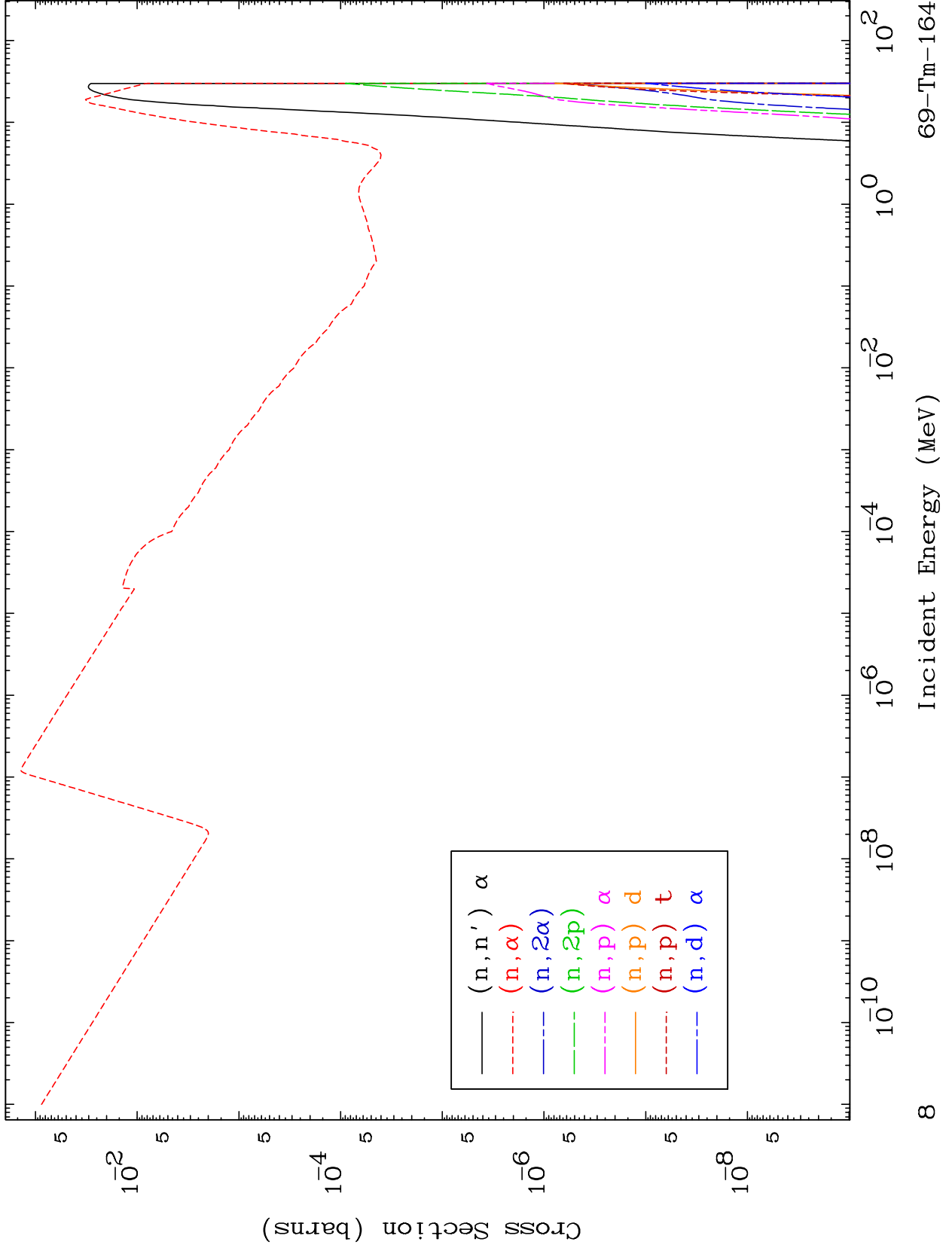
69-Tm-164



MAT 6910

Charged Particle
293 Kelvin Cross Sections

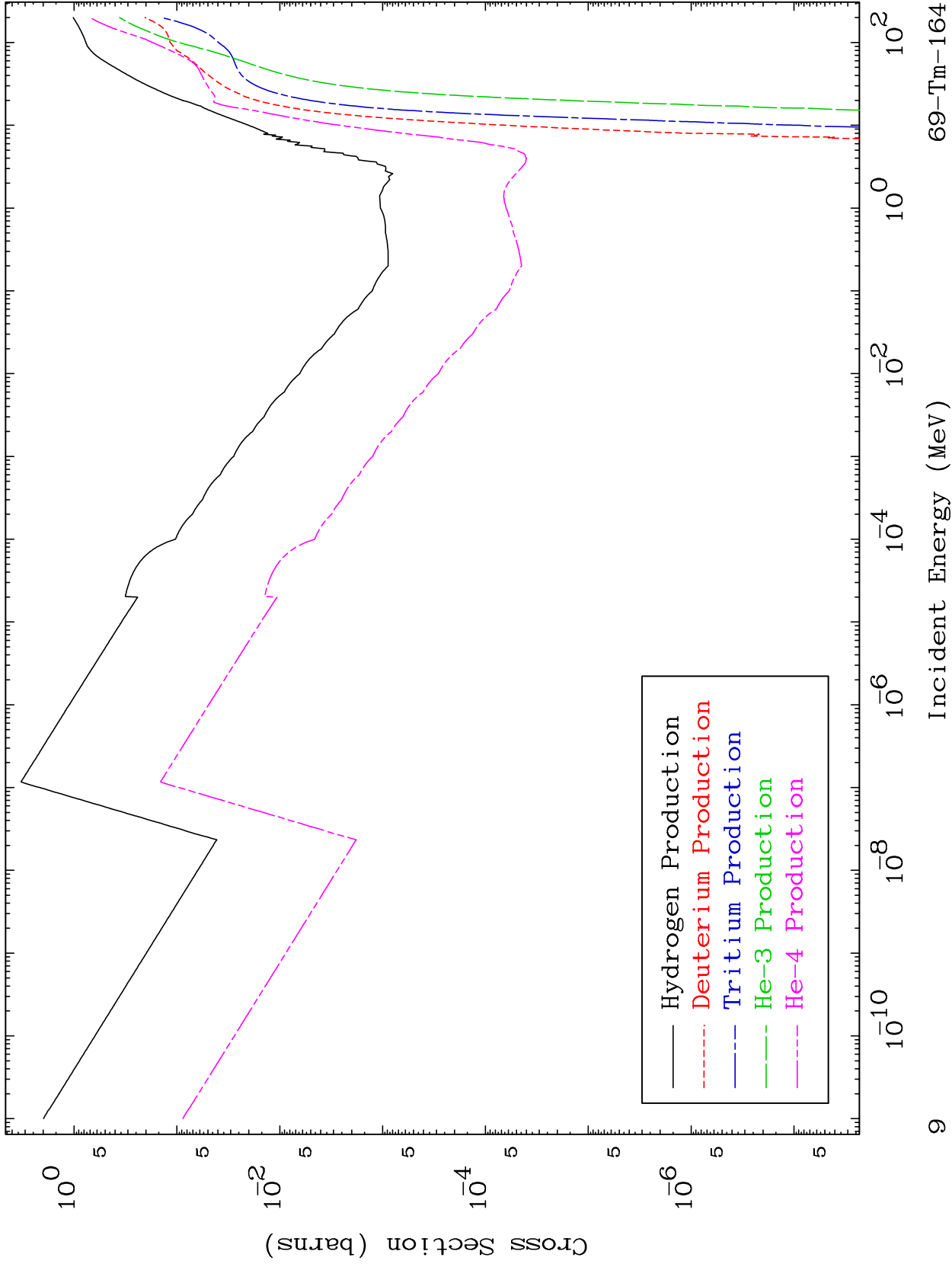
69-Tm-164



MAT 6910

Particle Production
293 Kelvin Cross Sections

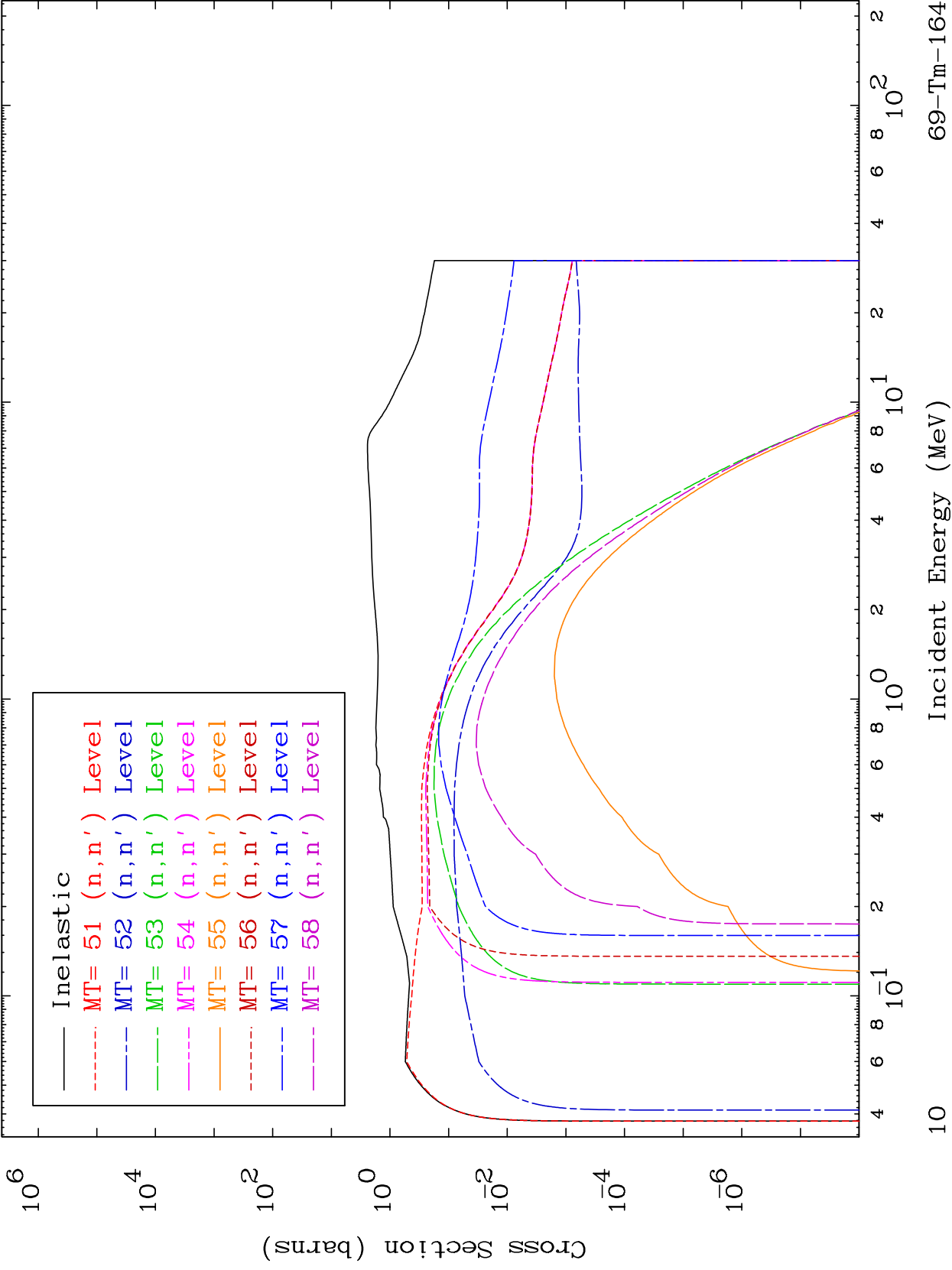
69-Tm-164



MAT 6910

(n,n') Levels
293 Kelvin Cross Sections

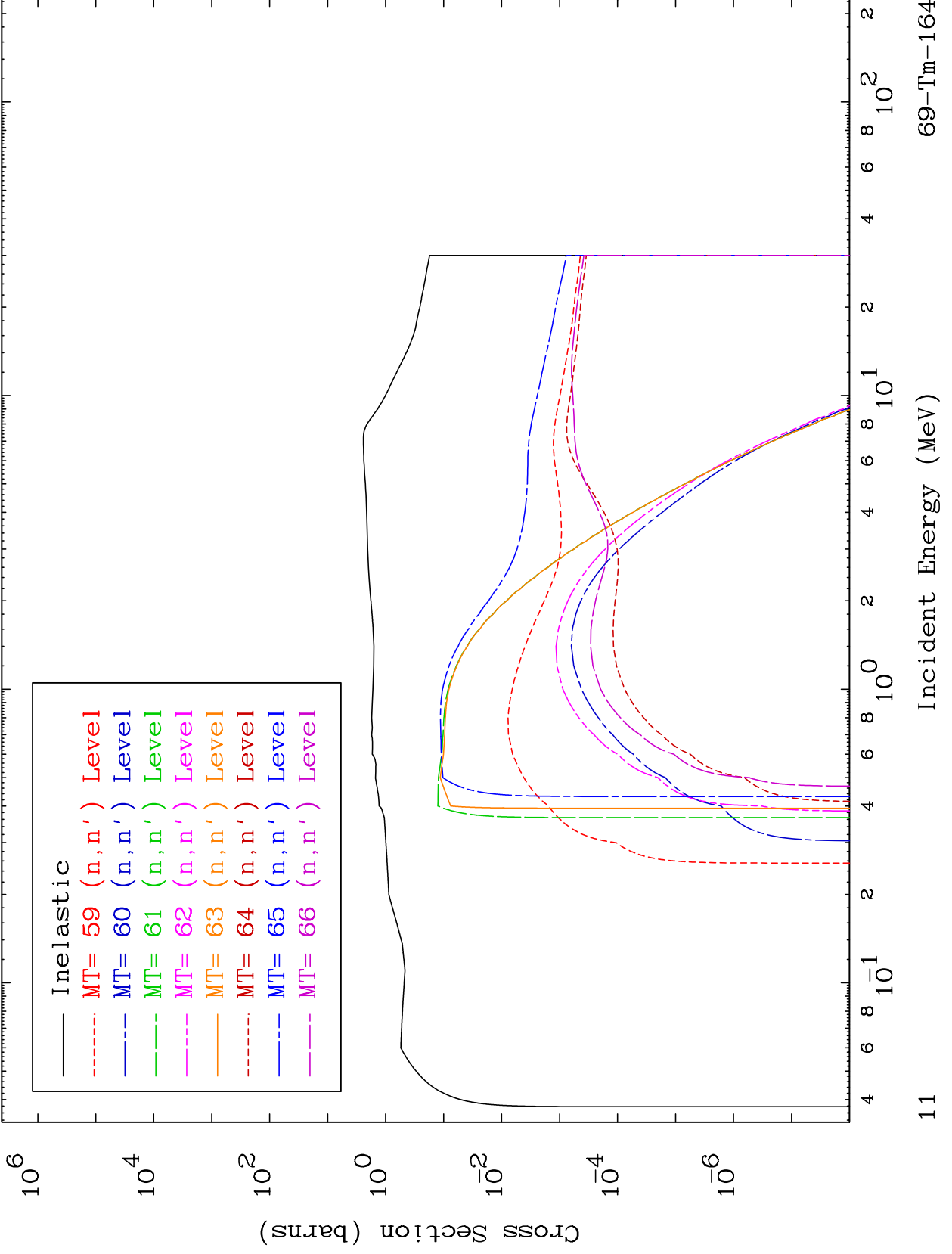
69-Tm-164



MAT 6910

(n,n') Levels
293 Kelvin Cross Sections

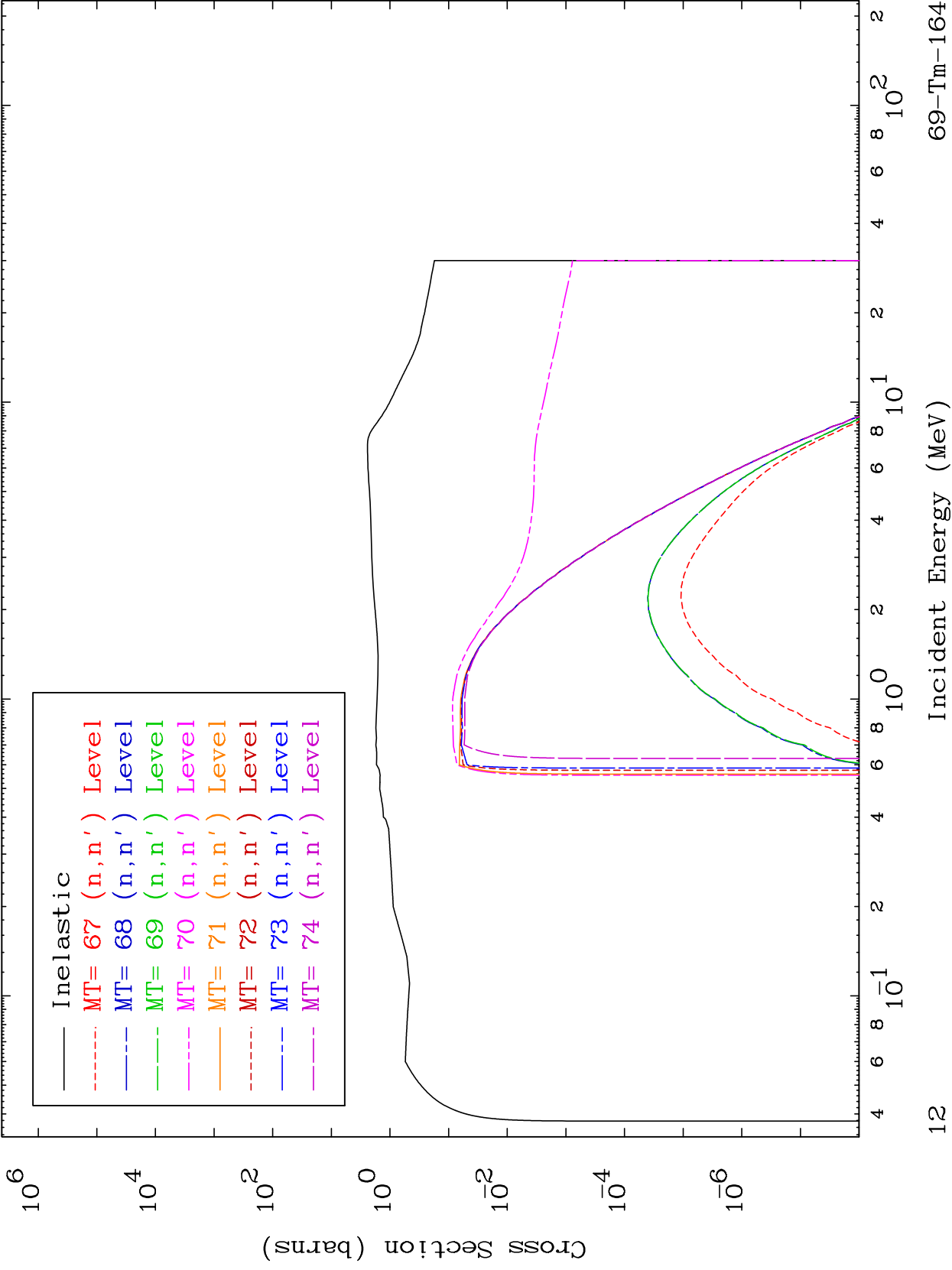
69-Tm-164



MAT 6910

(n,n') Levels
293 Kelvin Cross Sections

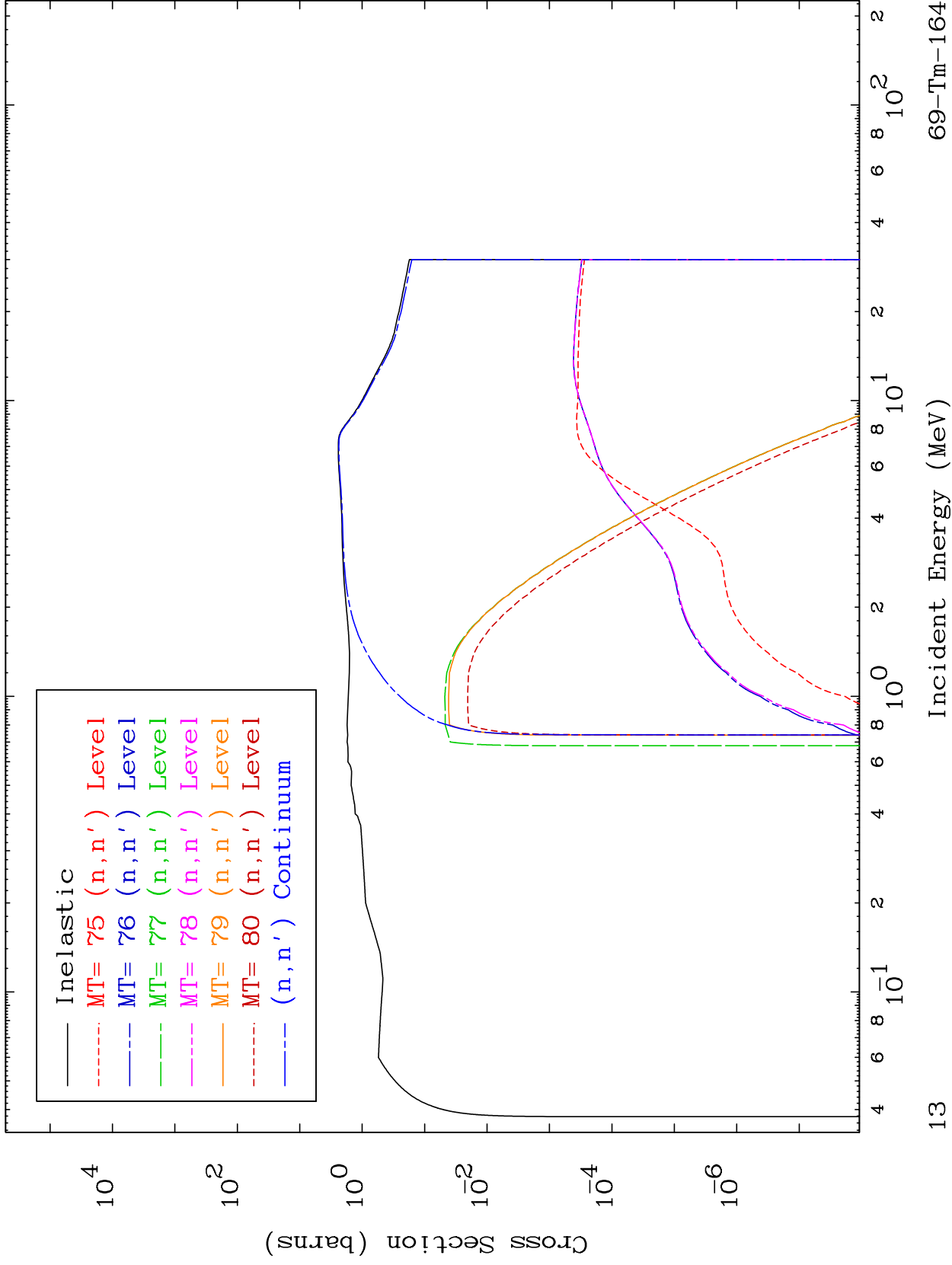
69-Tm-164



MAT 6910

(n,n') Levels
293 Kelvin Cross Sections

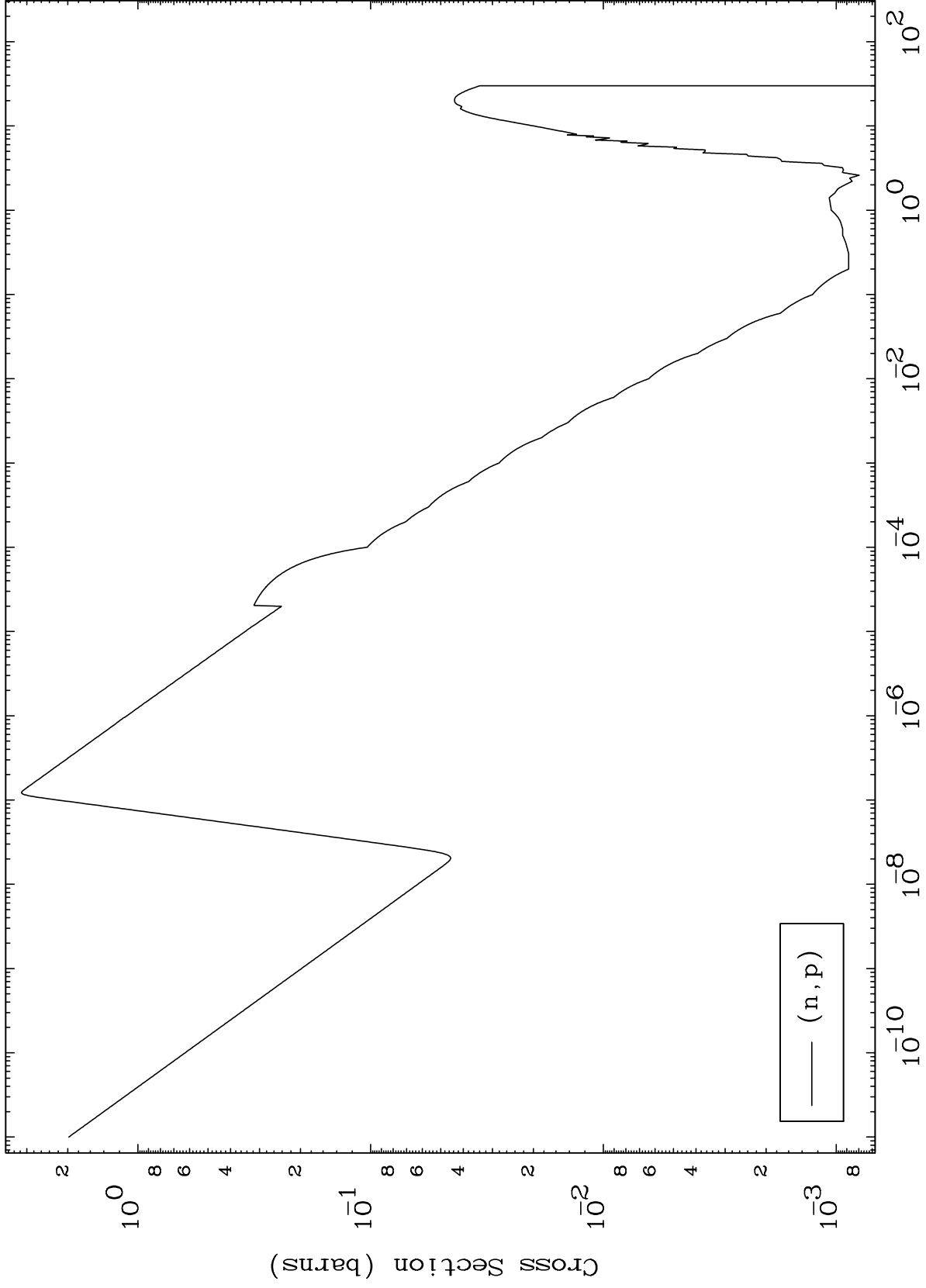
69-Tm-164



MAT 6910

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-164



14

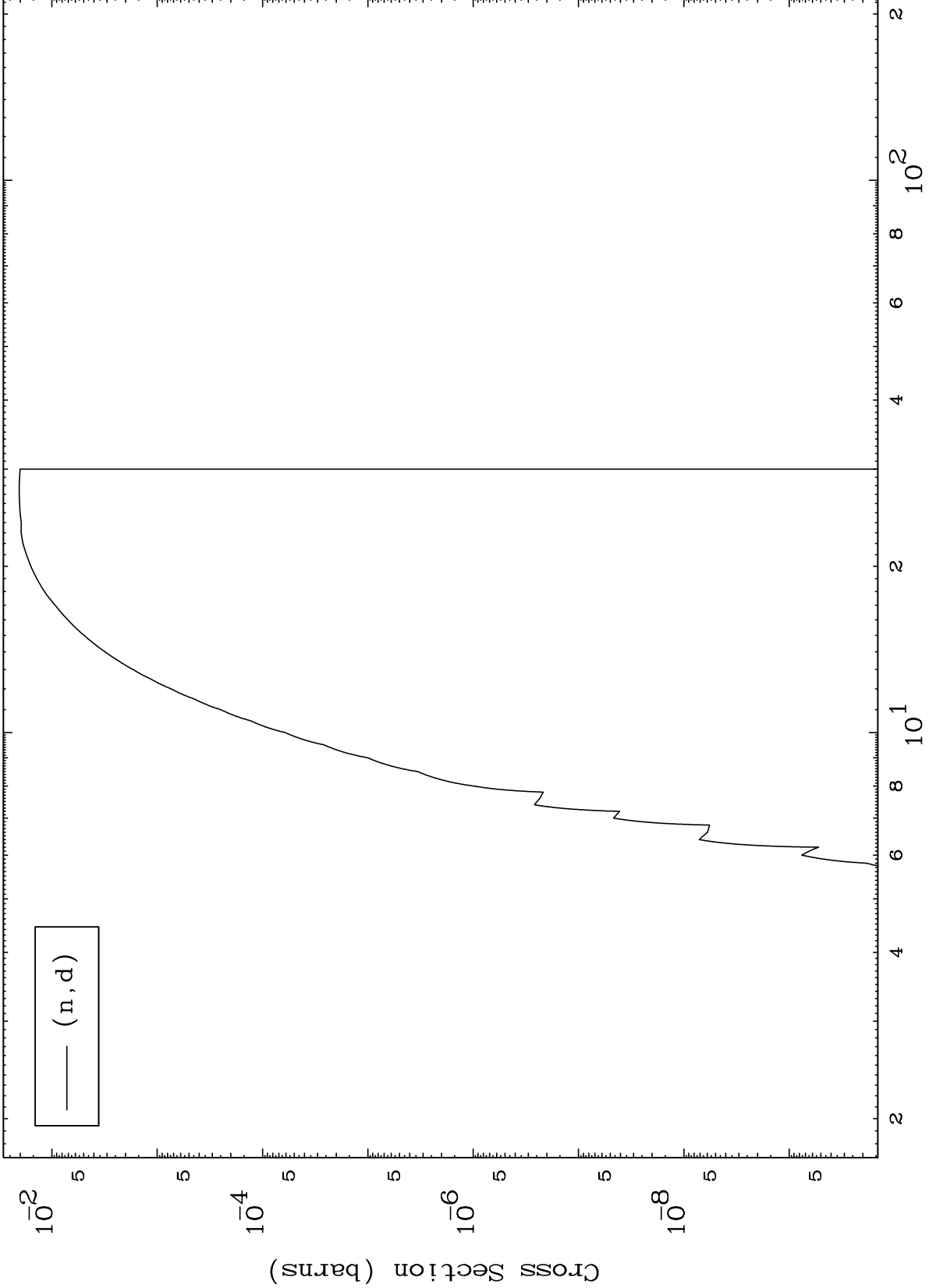
Incident Energy (MeV)

69-Tm-164

MAT 6910

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-164



15

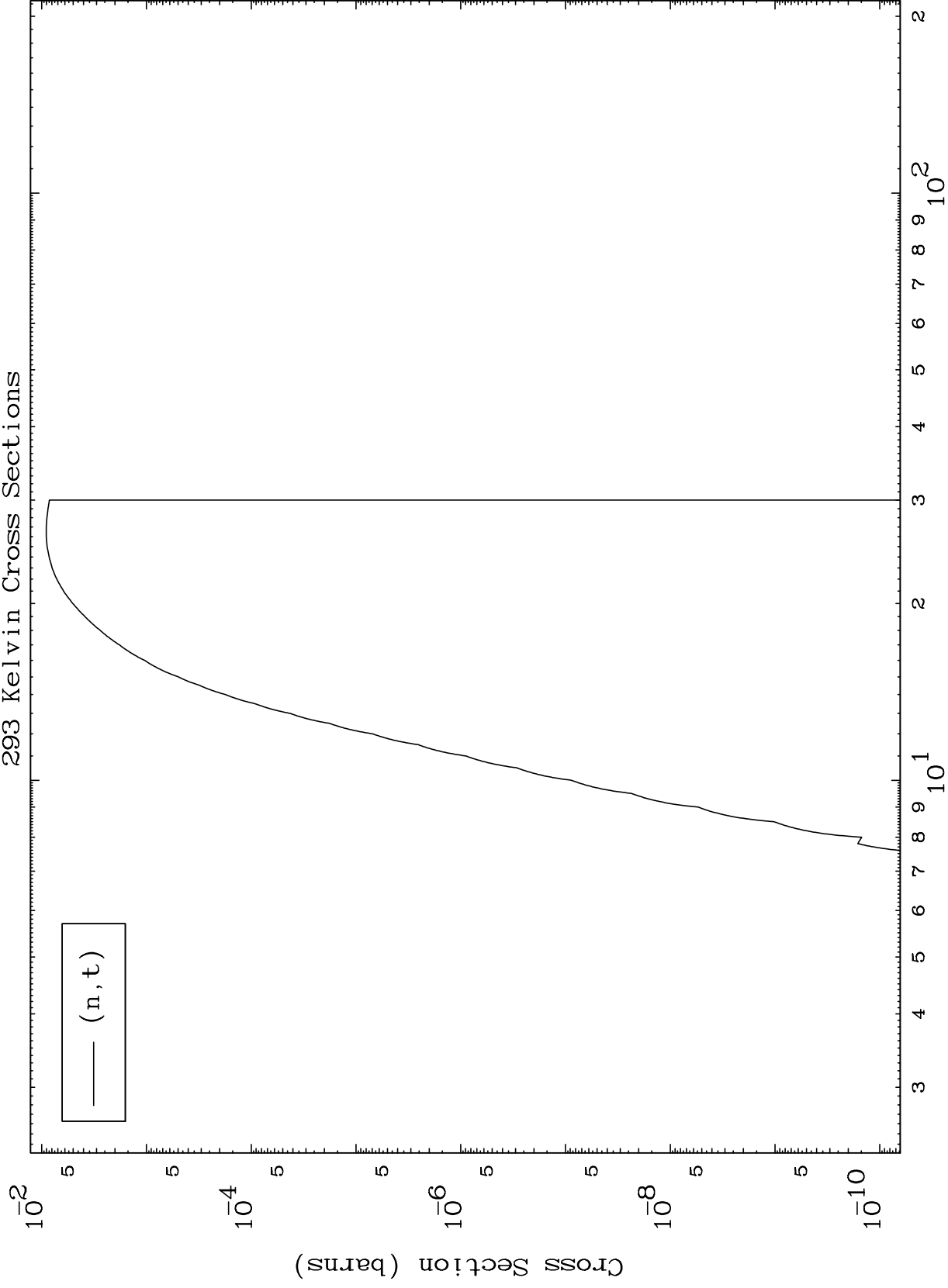
Incident Energy (MeV)

69-Tm-164

MAT 6910

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-164



16

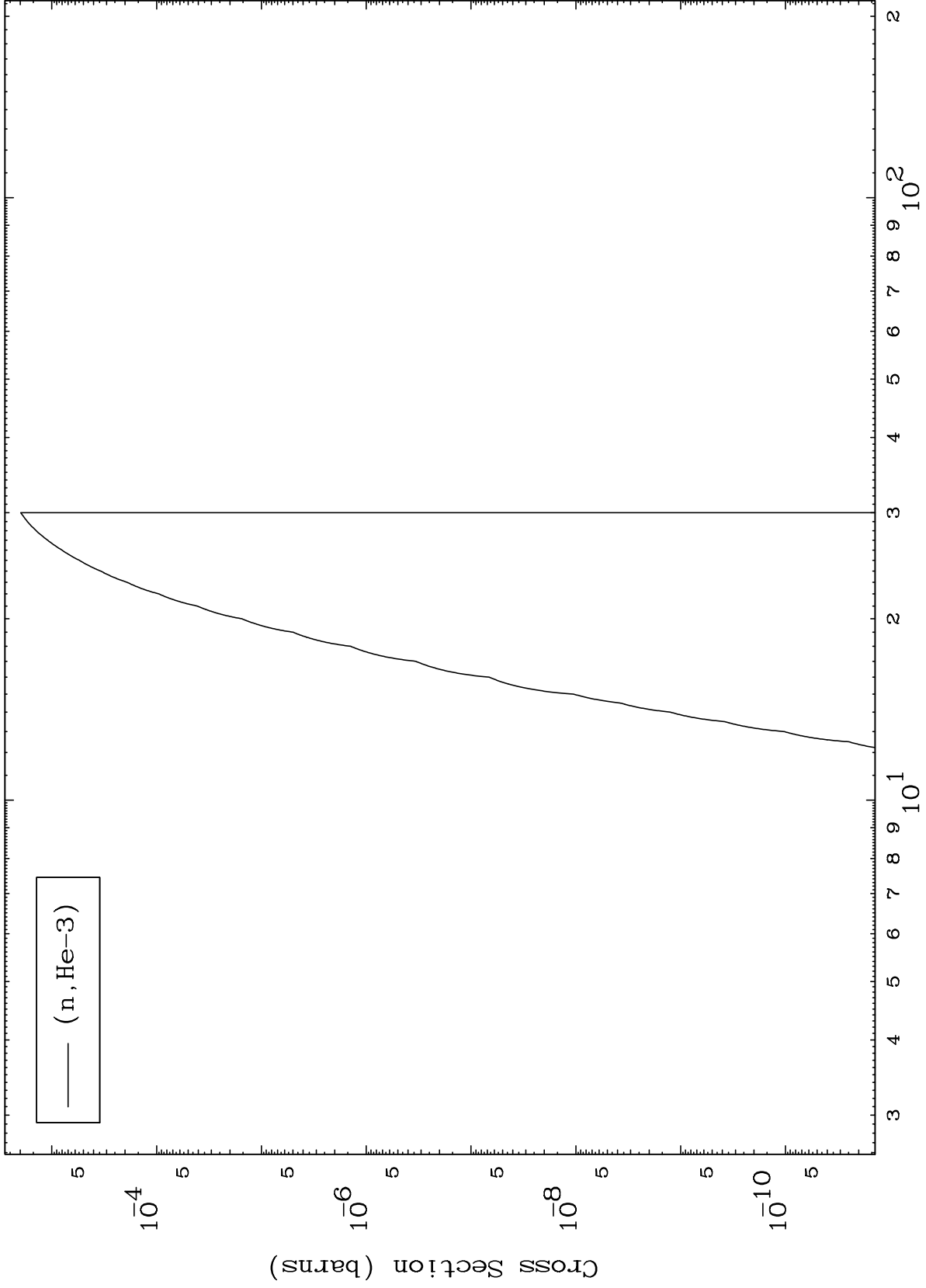
Incident Energy (MeV)

69-Tm-164

MAT 6910

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-164



17

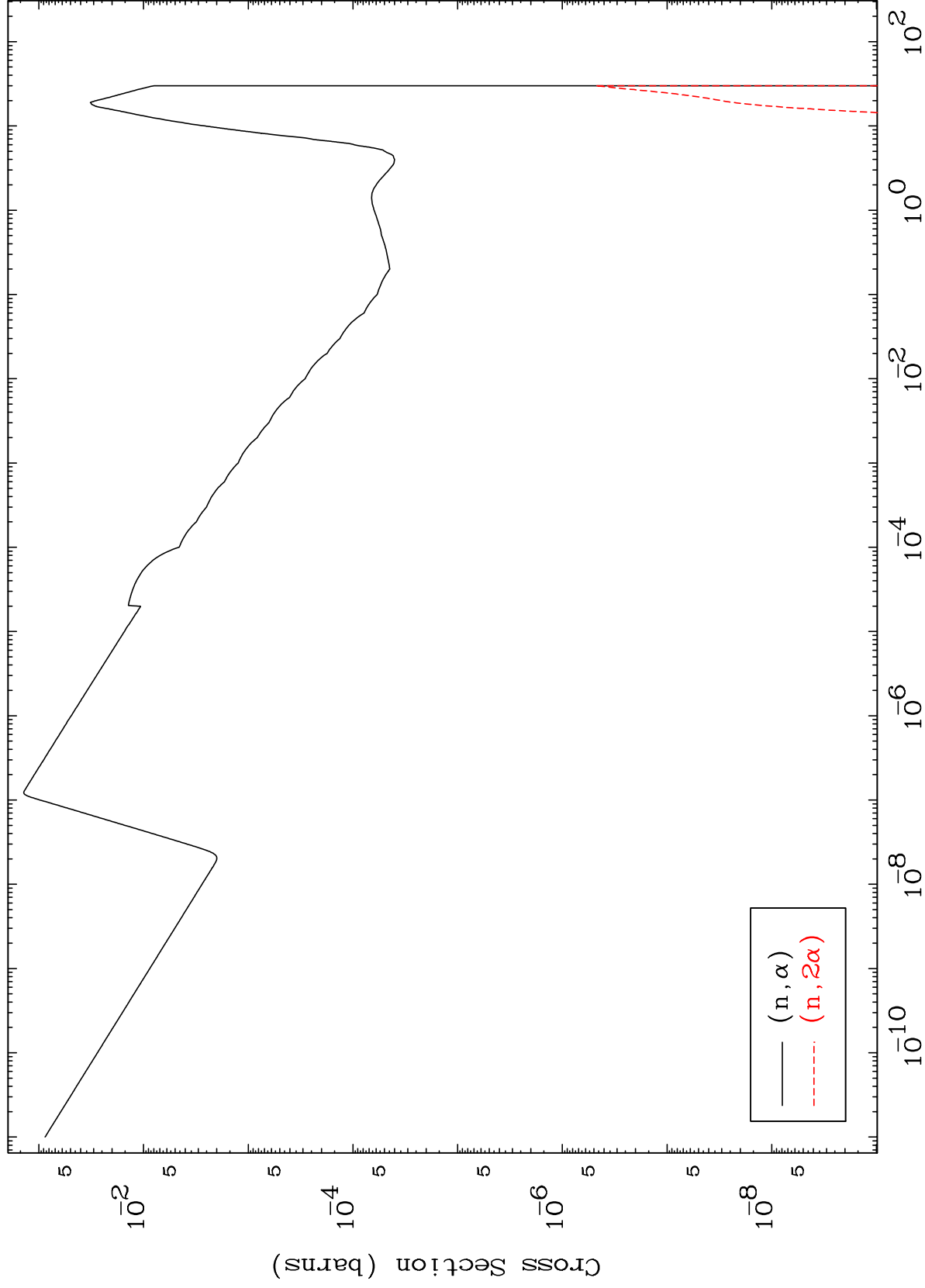
Incident Energy (MeV)

69-Tm-164

MAT 6910

(n,α) Levels
293 Kelvin Cross Sections

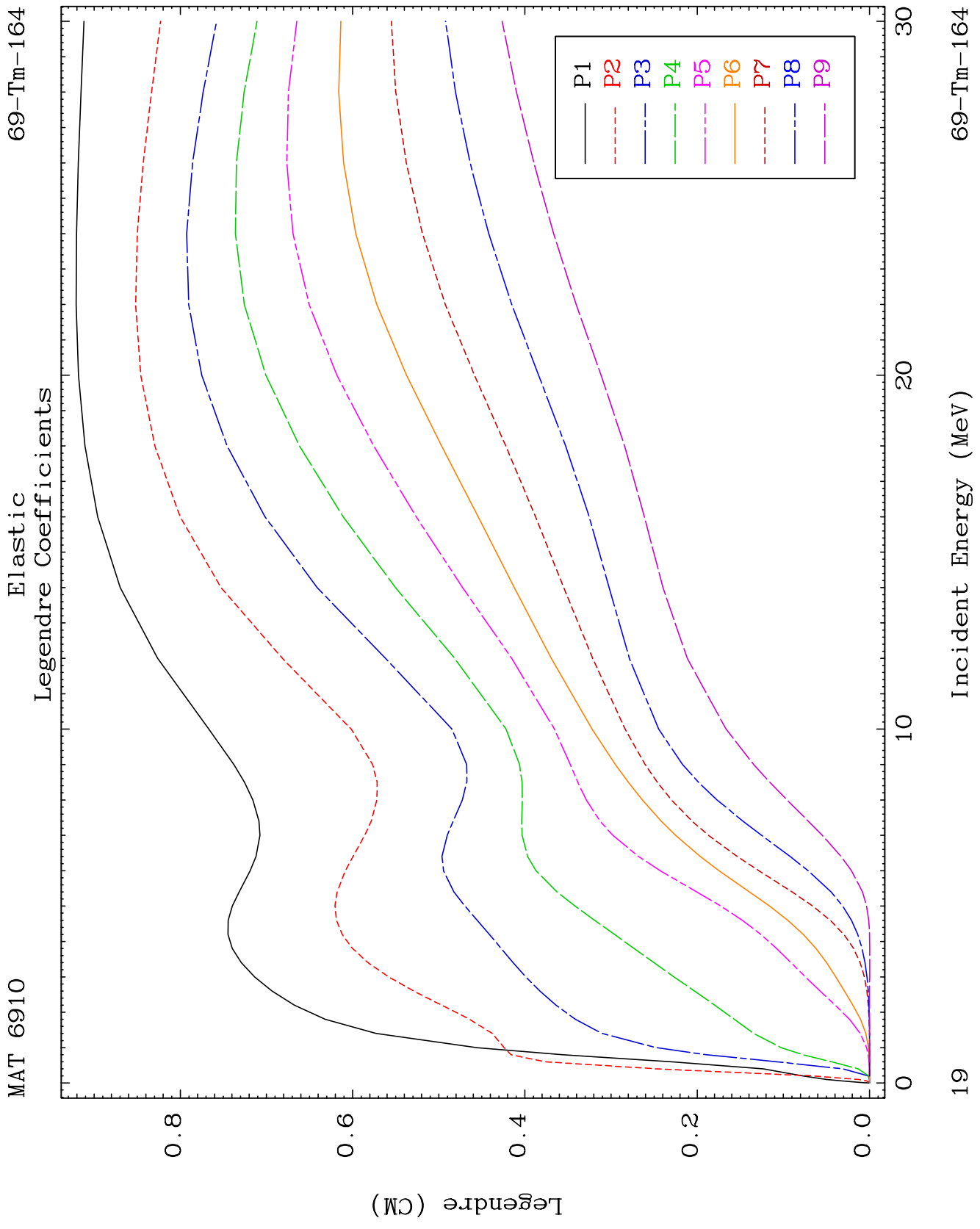
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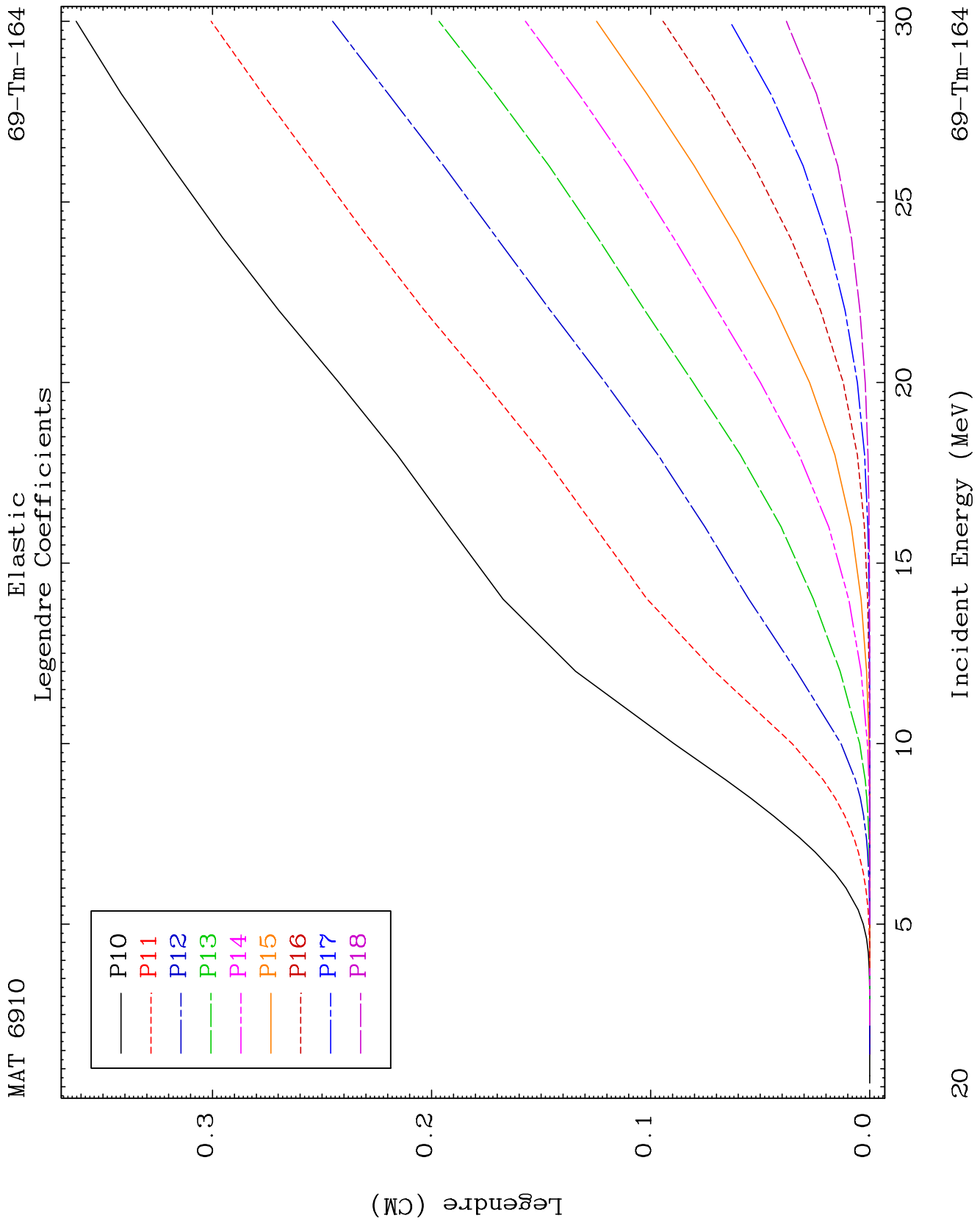


18

Incident Energy (MeV)

69-Tm-164

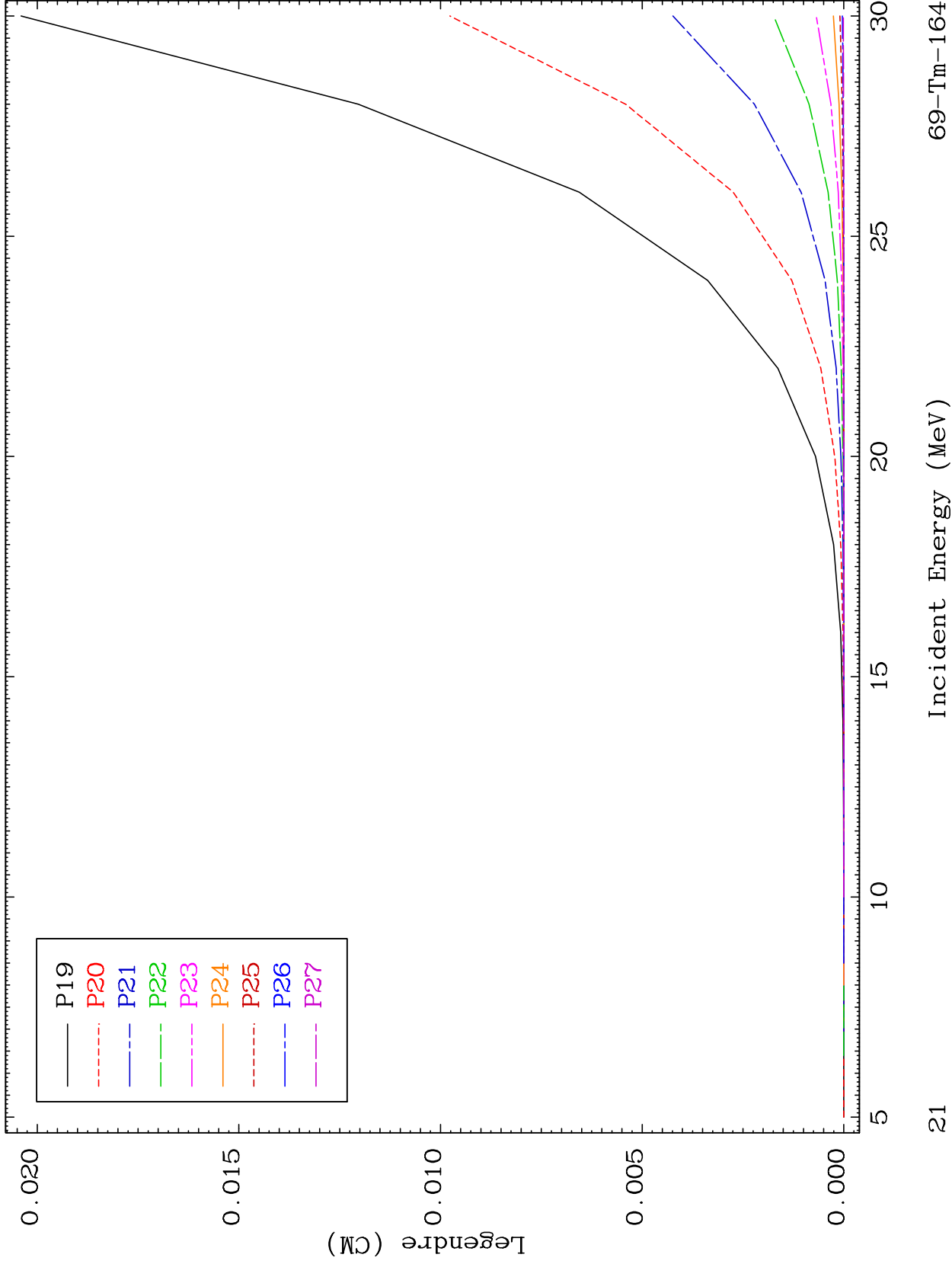




MAT 6910

Elastic Legendre Coefficients

69-Tm-164



21

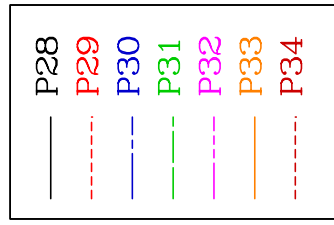
Incident Energy (MeV)

69-Tm-164

MAT 6910

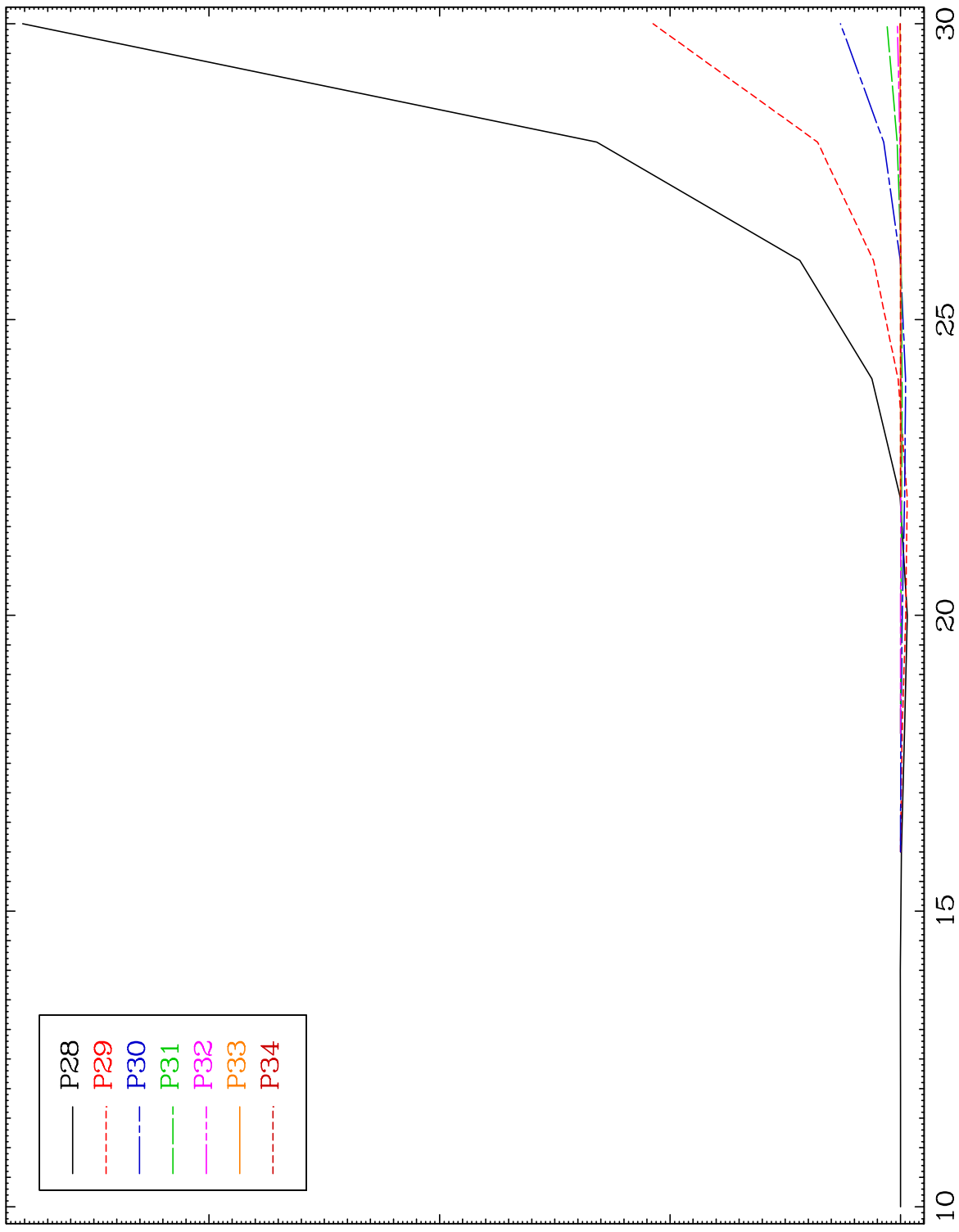
Elastic
Legendre Coefficients

69-Tm-164



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

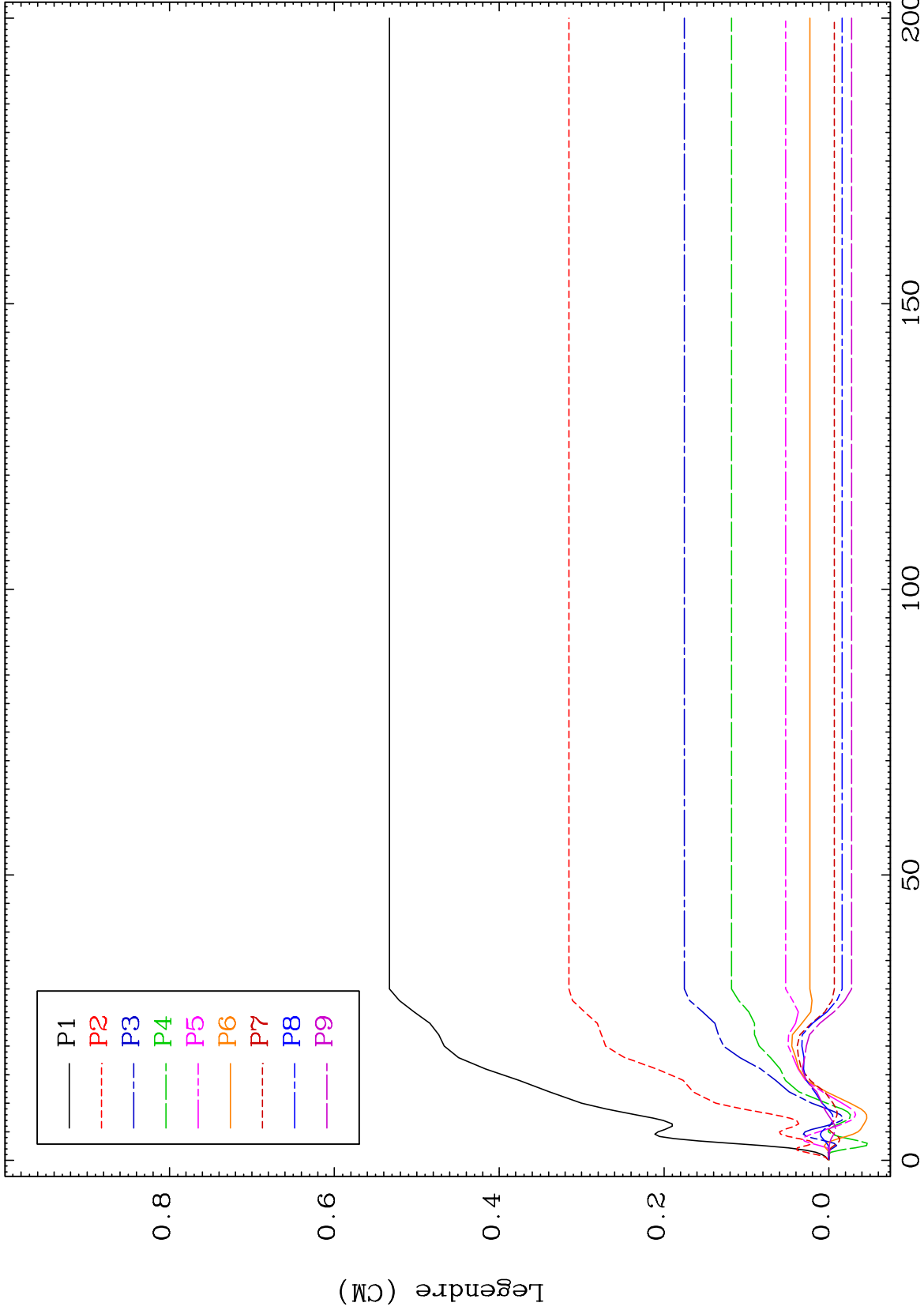
Incident Energy (MeV)

69-Tm-164

MAT 6910

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

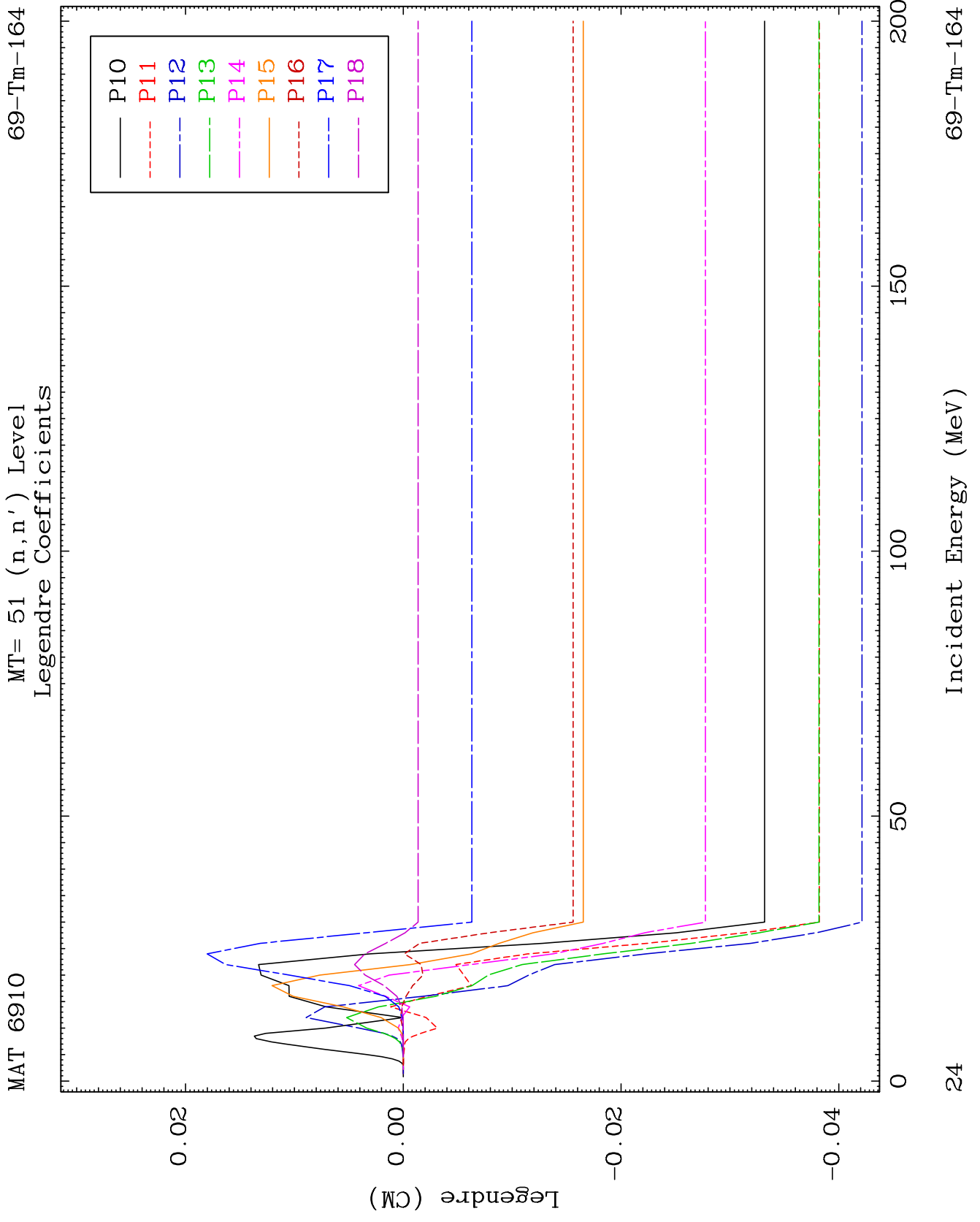
69-Tm-164



23

Incident Energy (MeV)

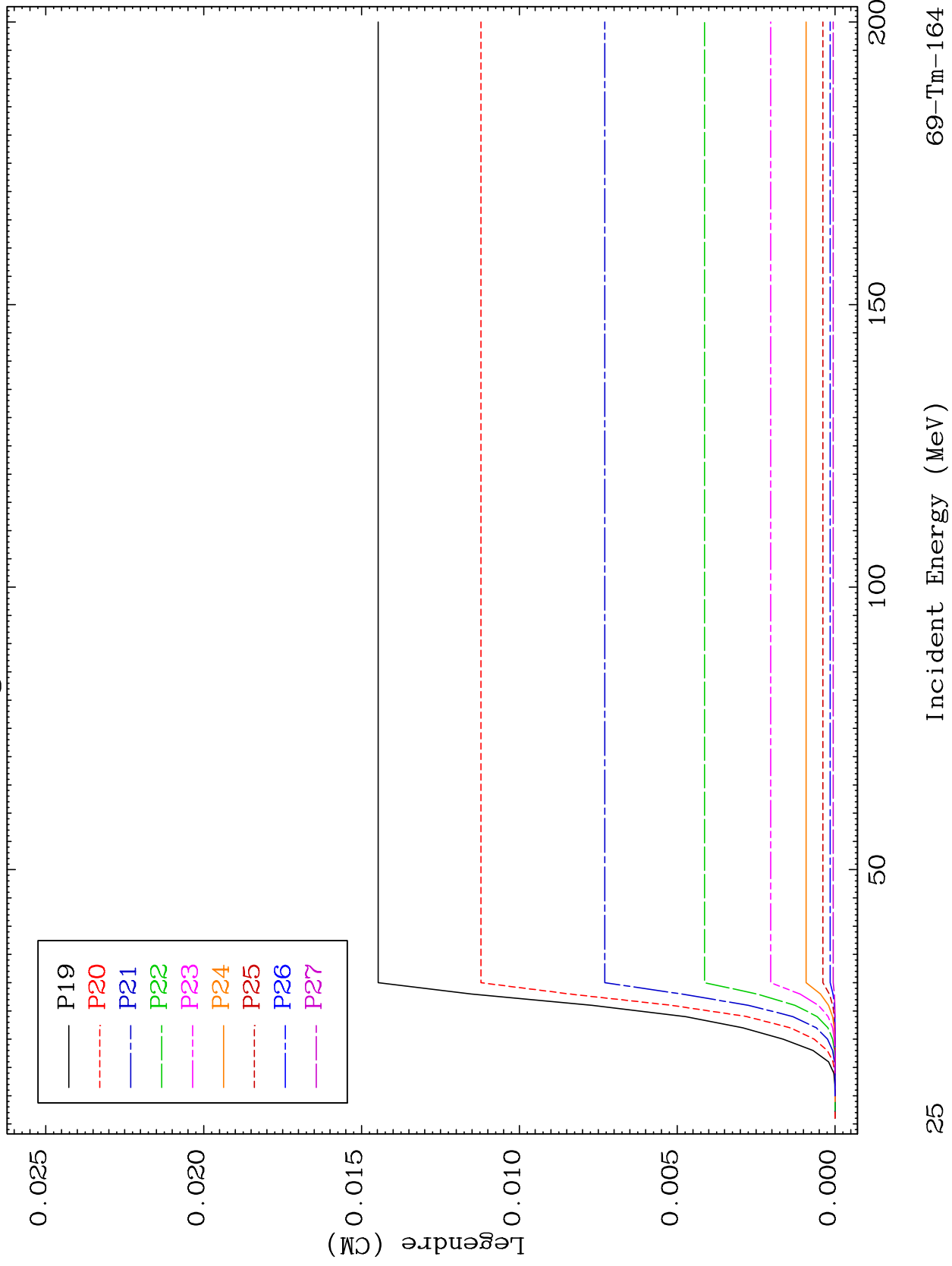
69-Tm-164



MAT 6910

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

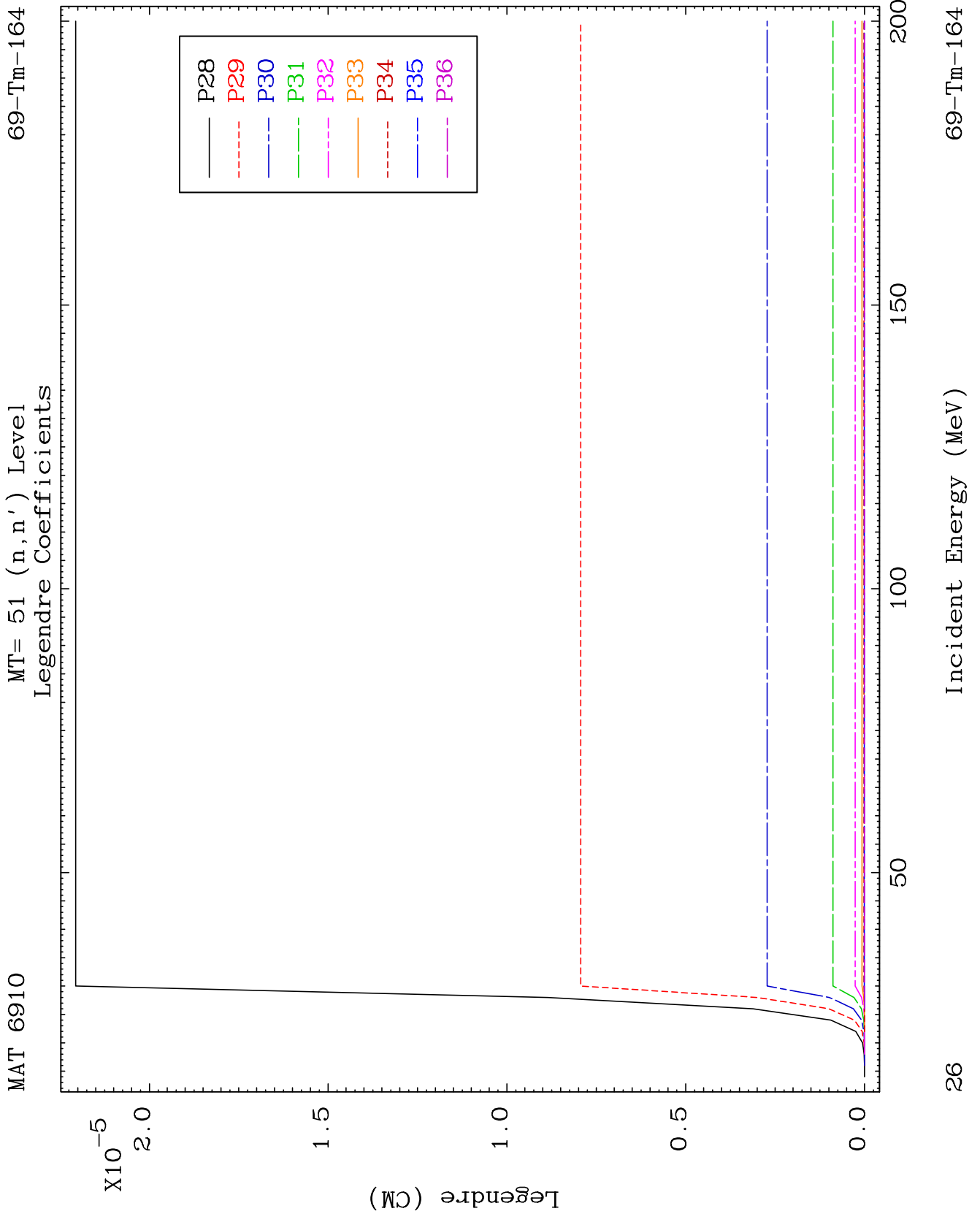
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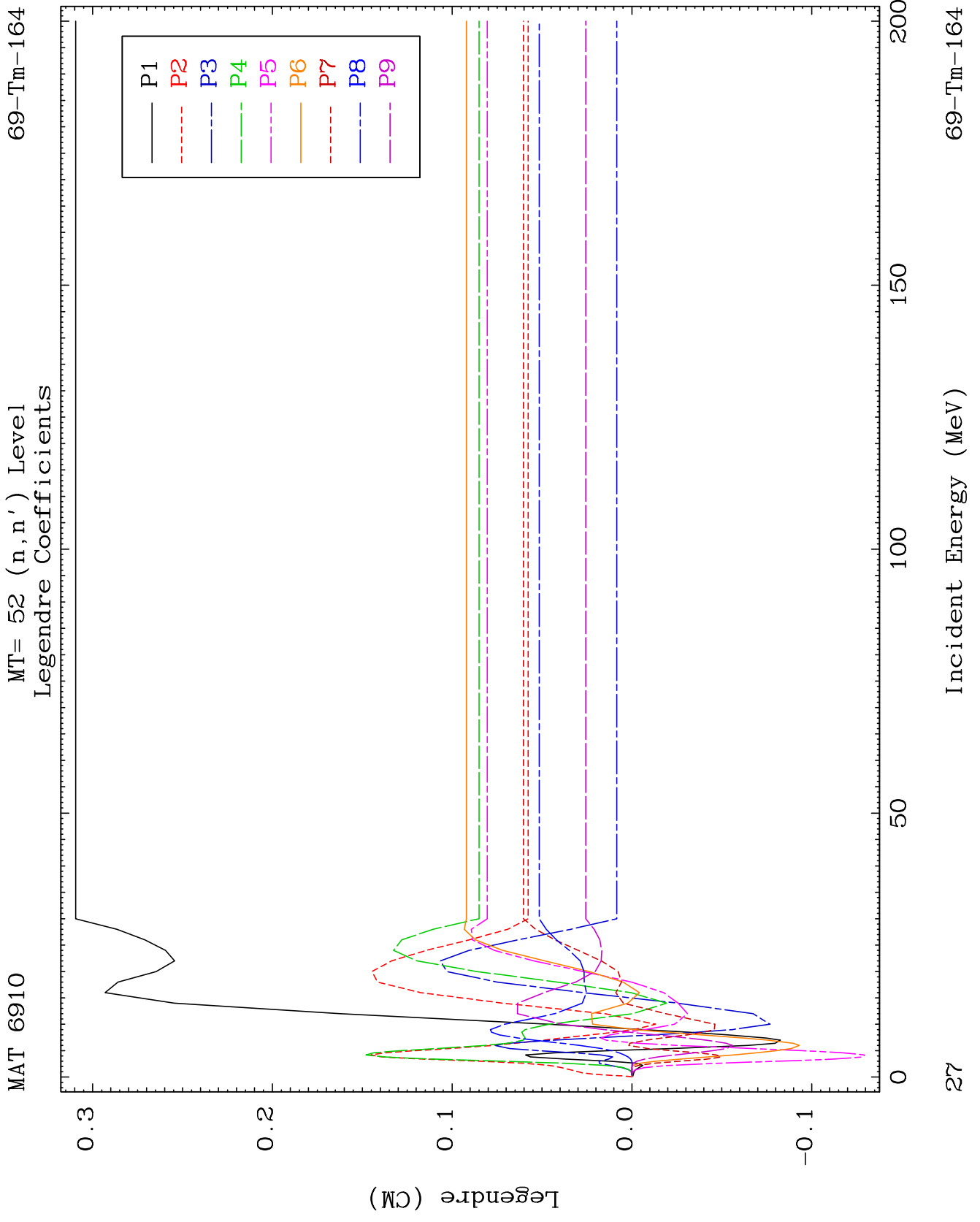


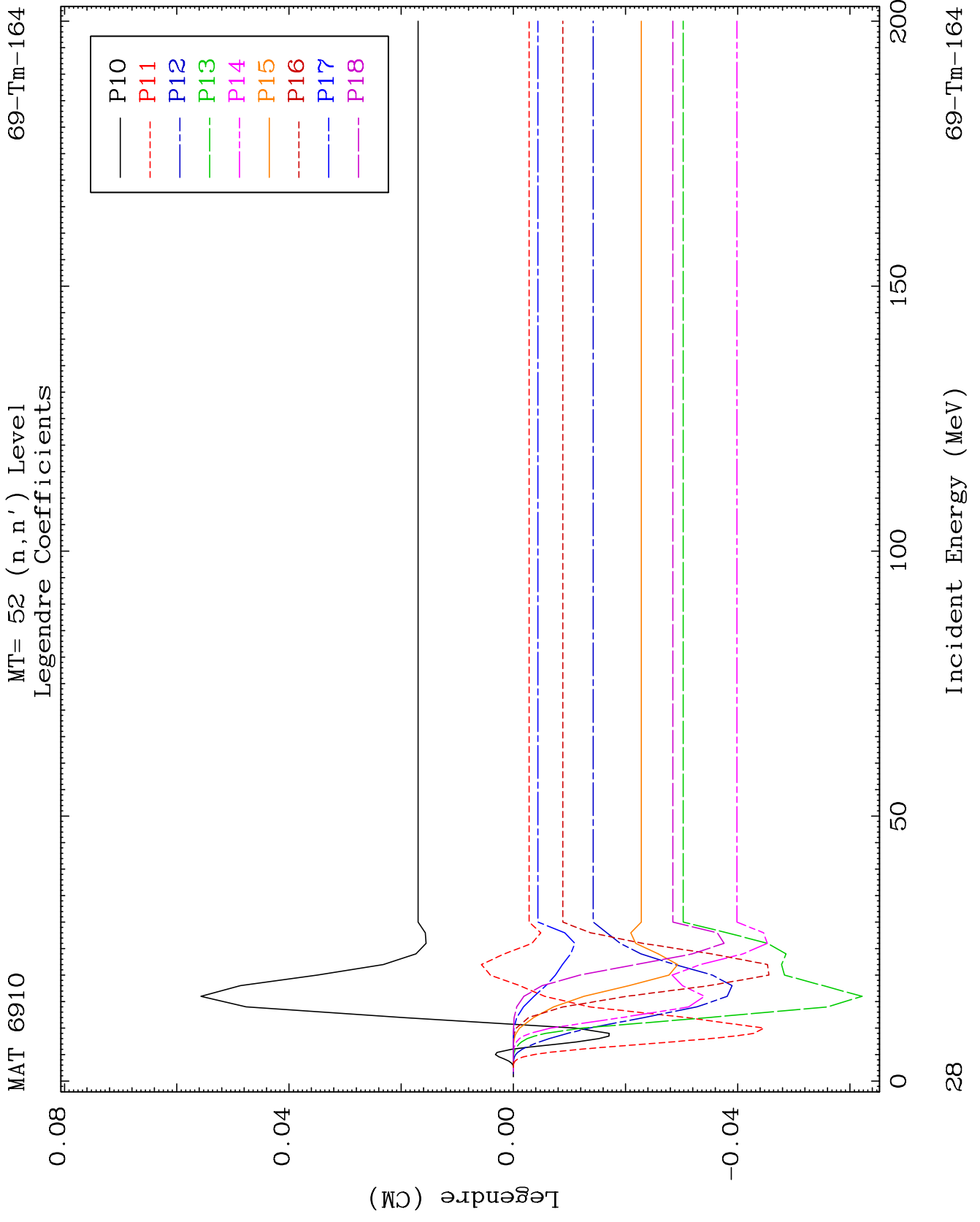
69-Tm-164

Incident Energy (MeV)

25



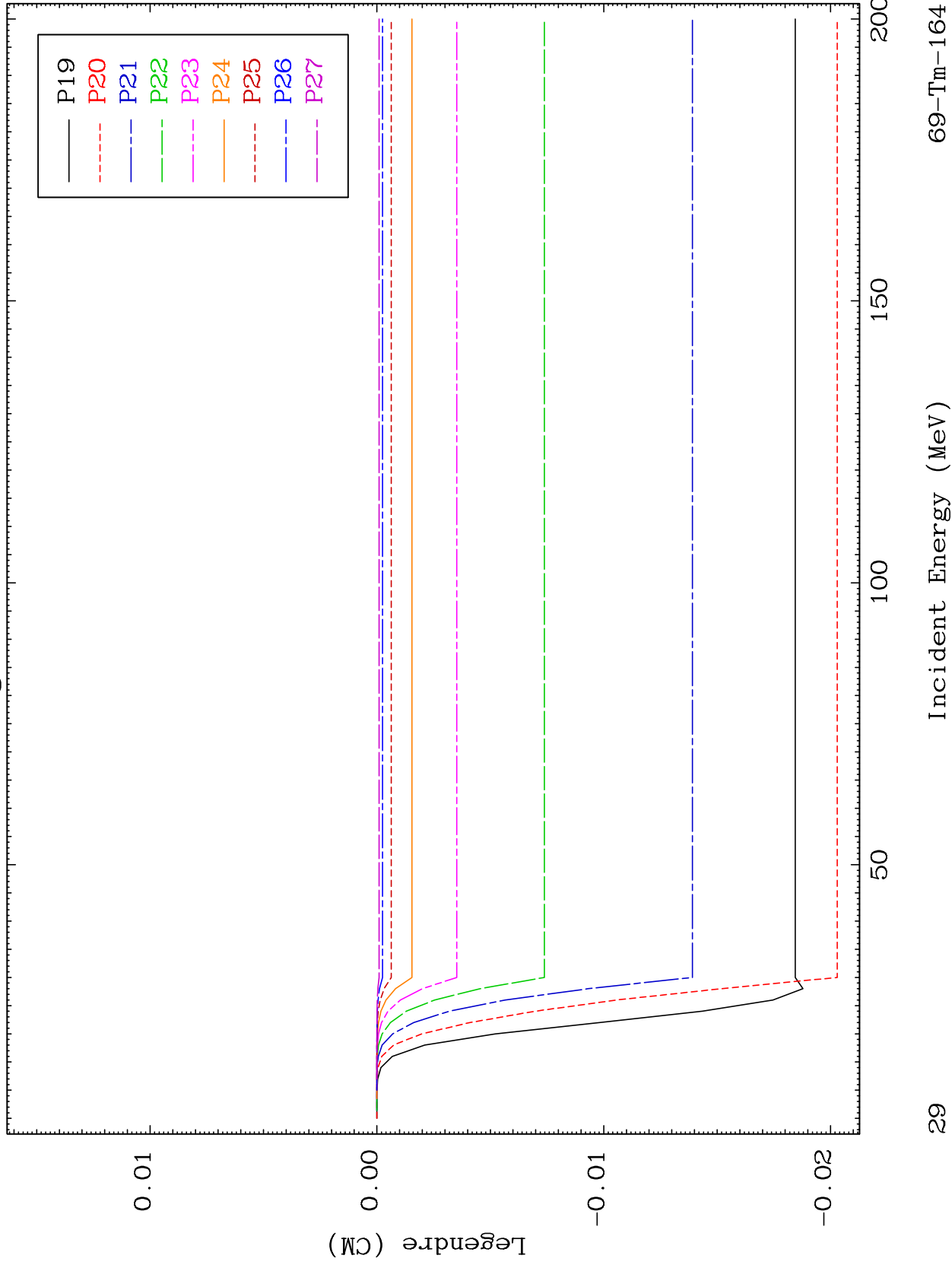




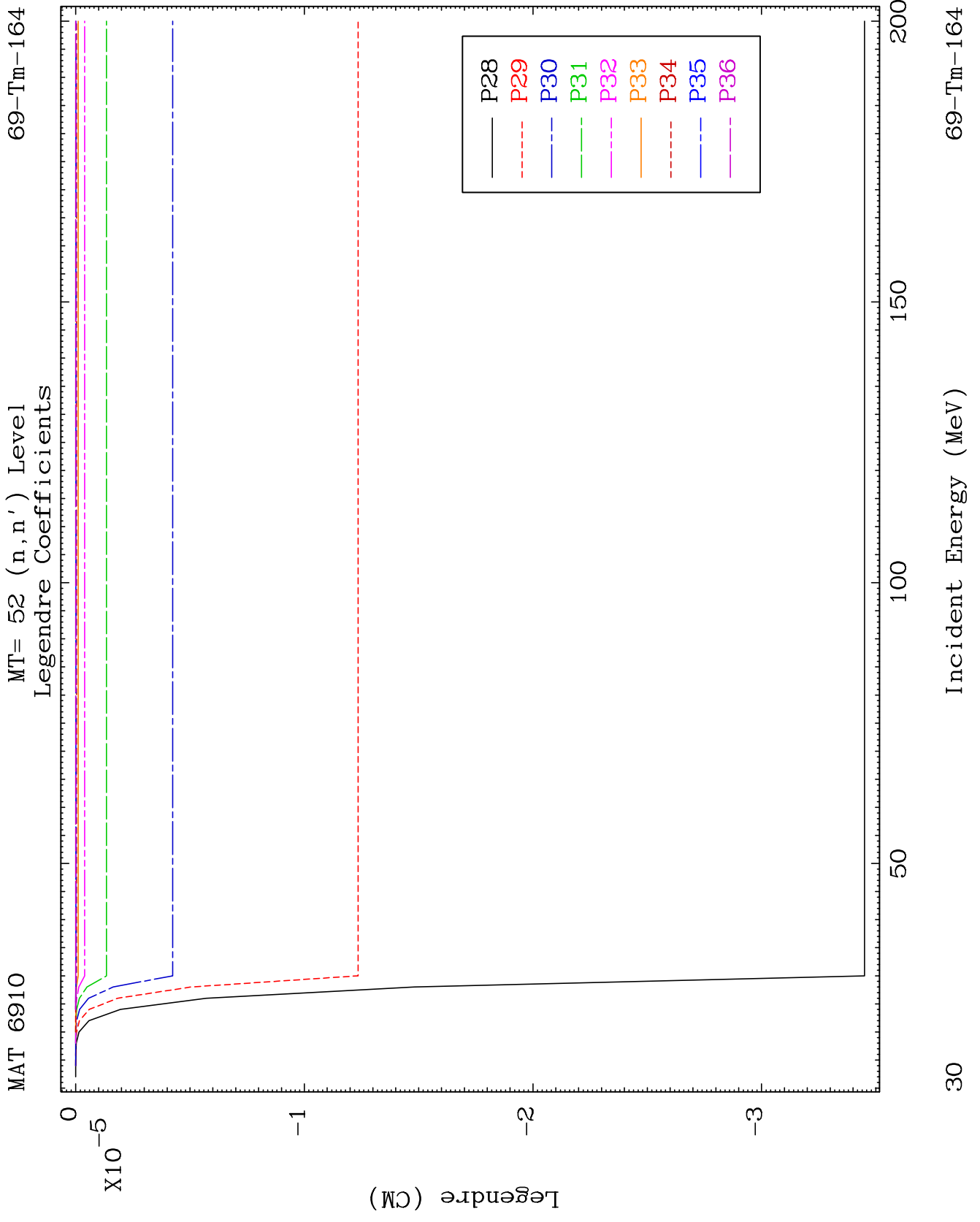
MAT 6910

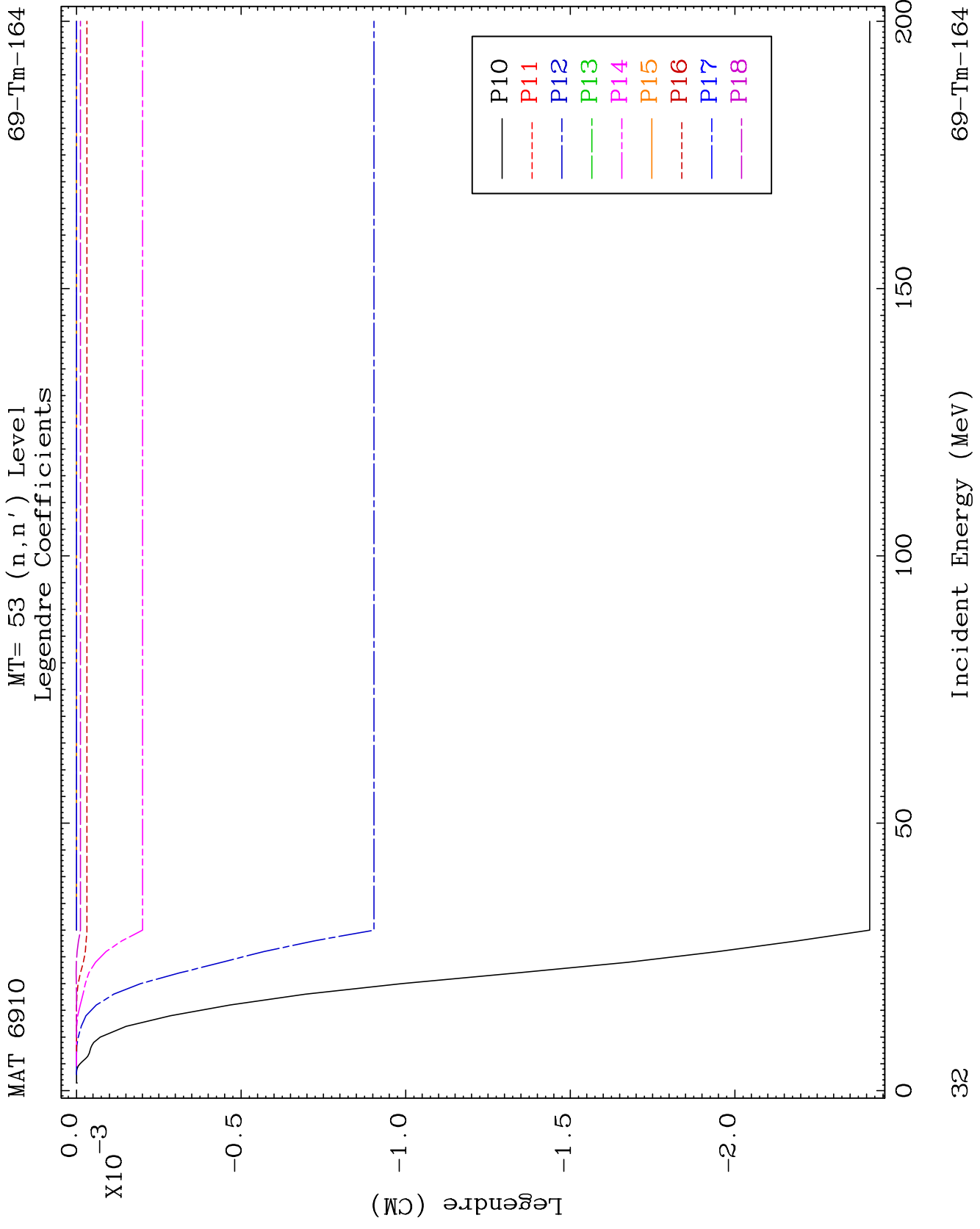
MT= 52 (n,n') Level
Legendre Coefficients

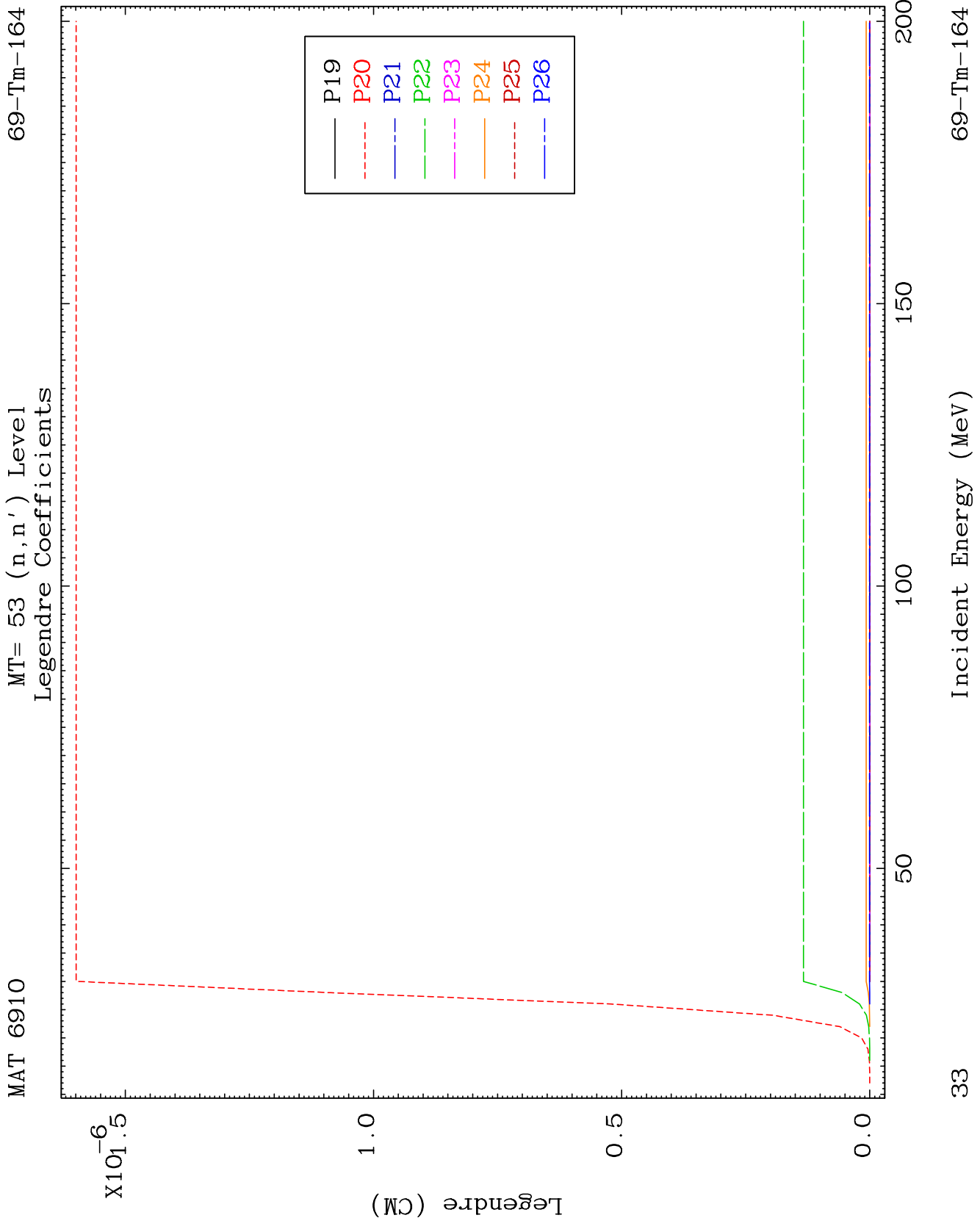
69-Tm-164

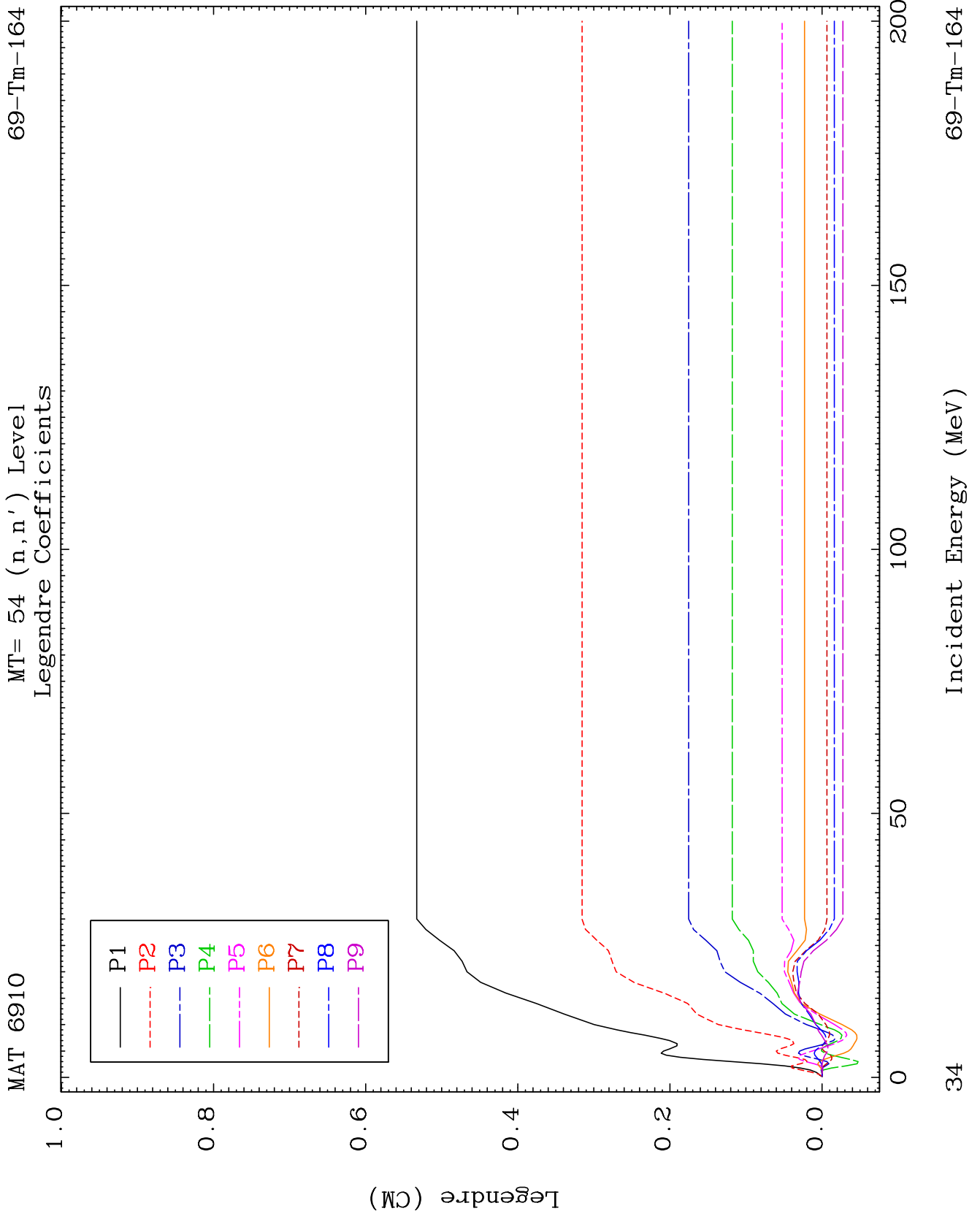


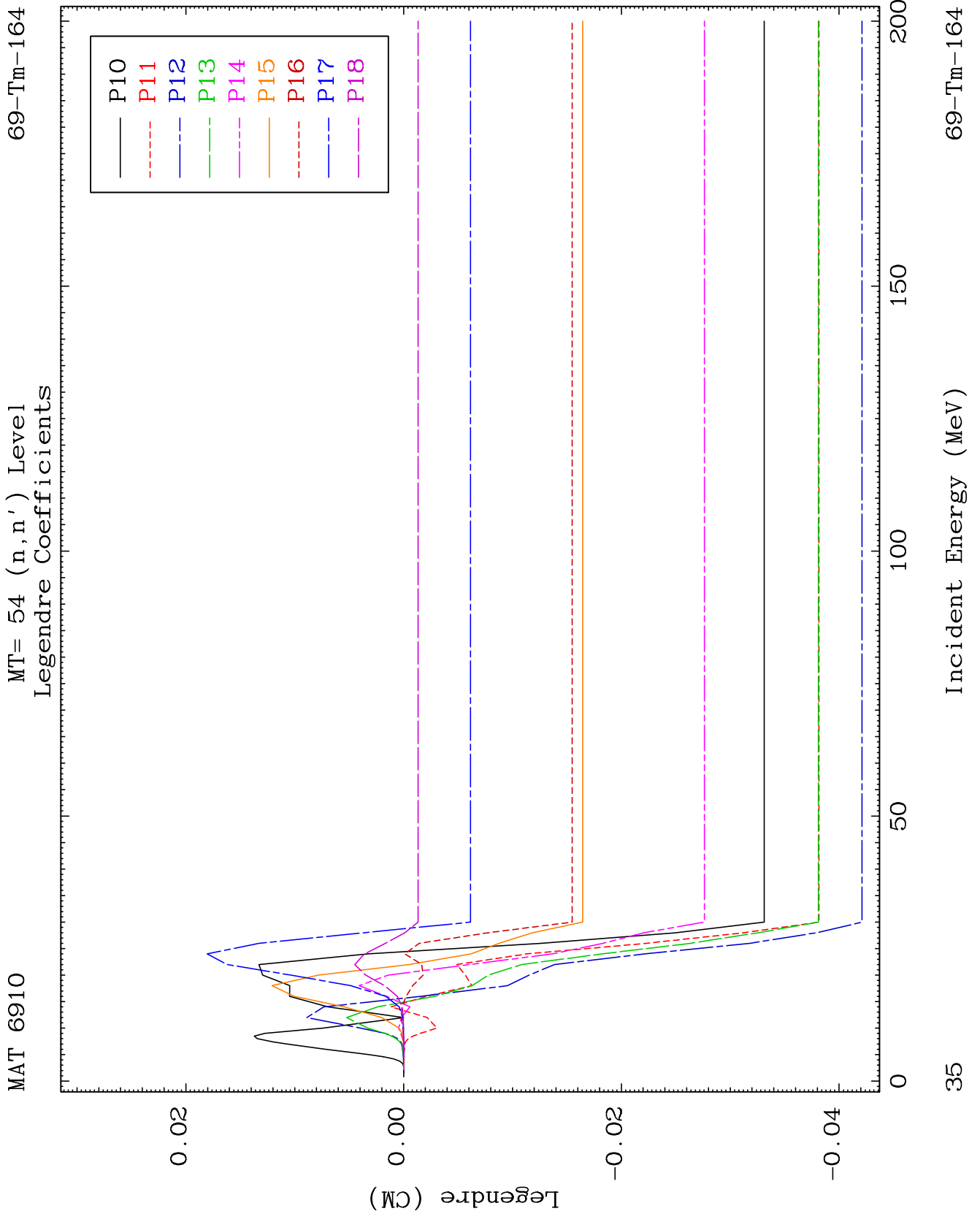
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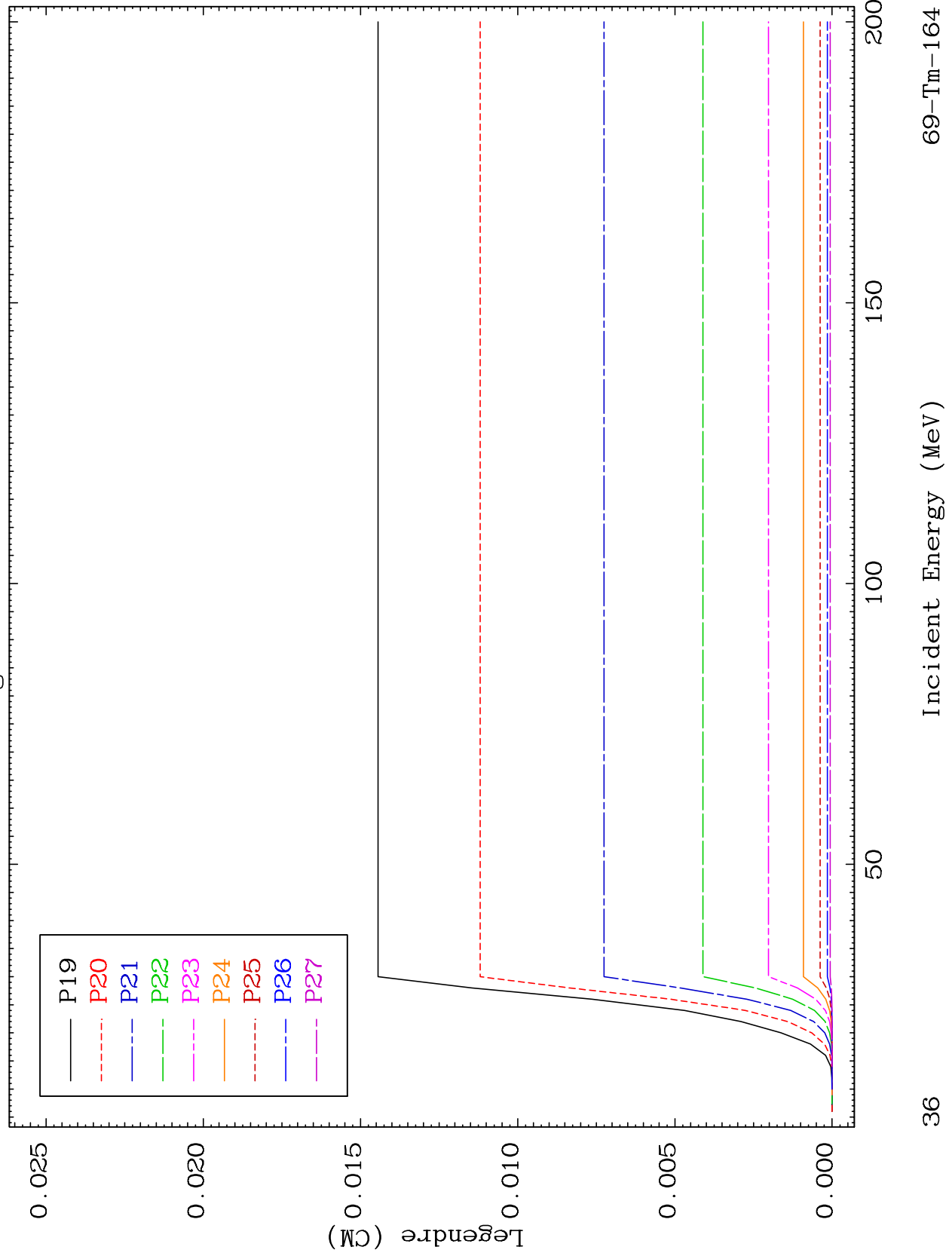








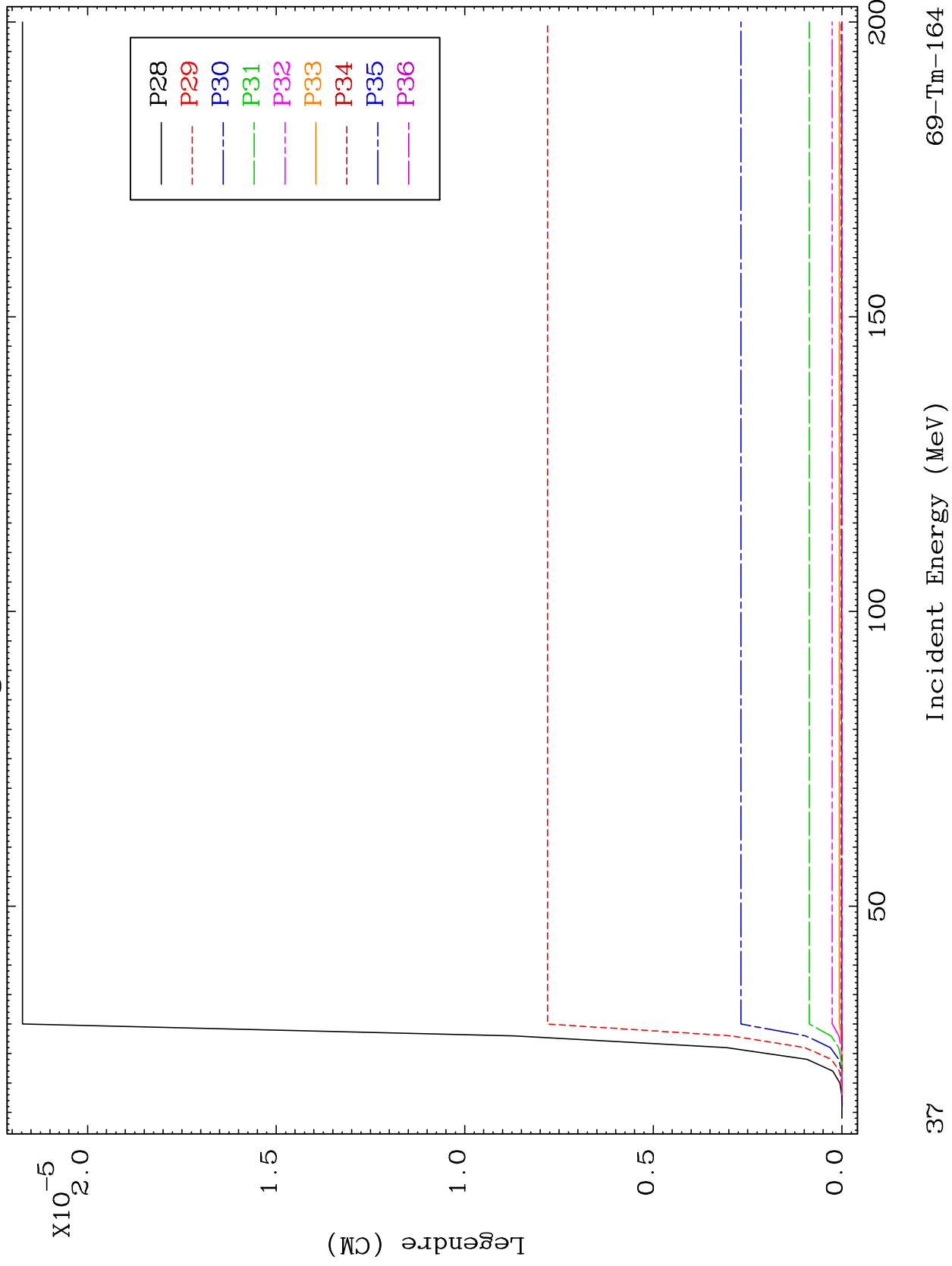




MAT 6910

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

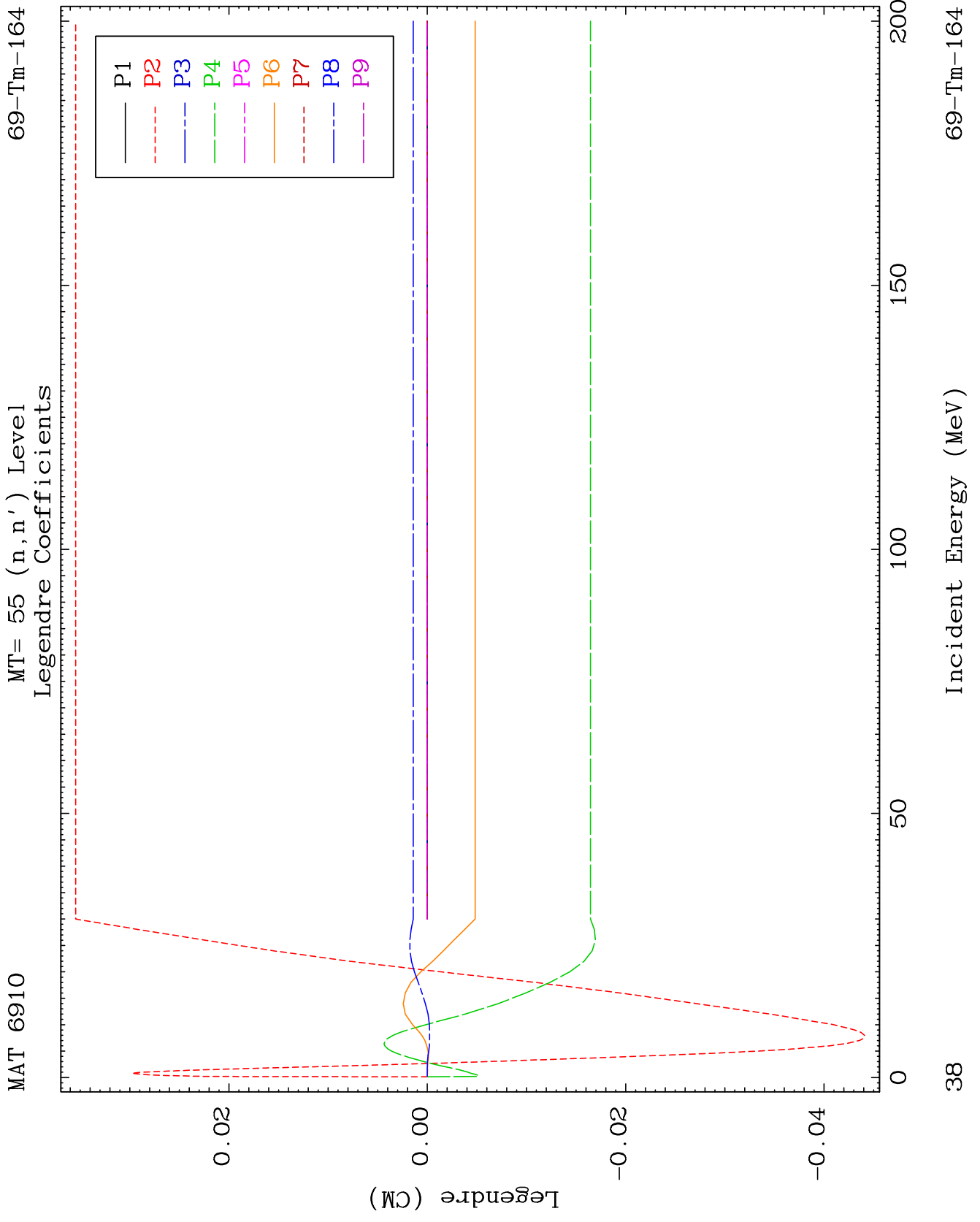
69-Tm-164



37

Incident Energy (MeV)

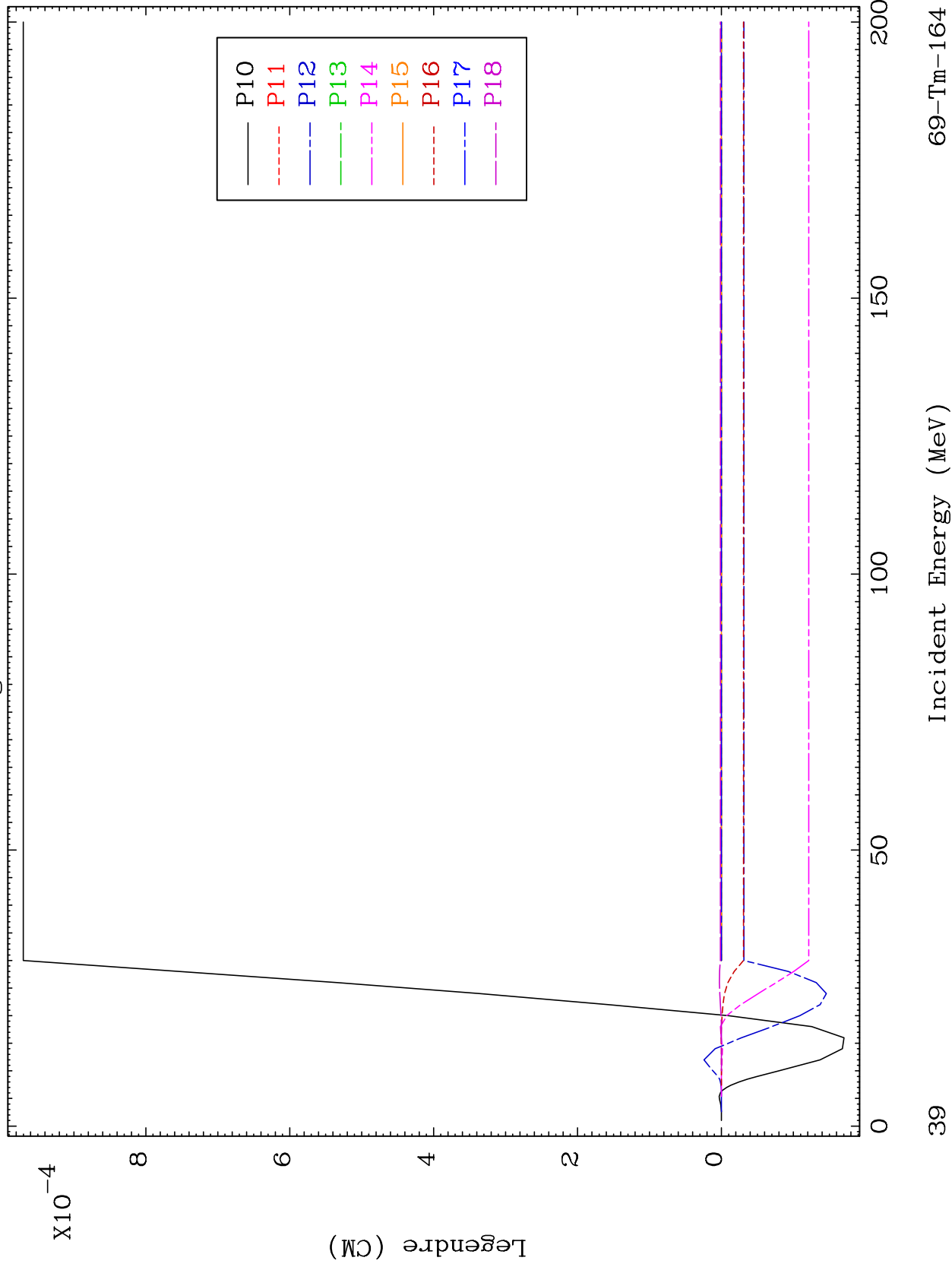
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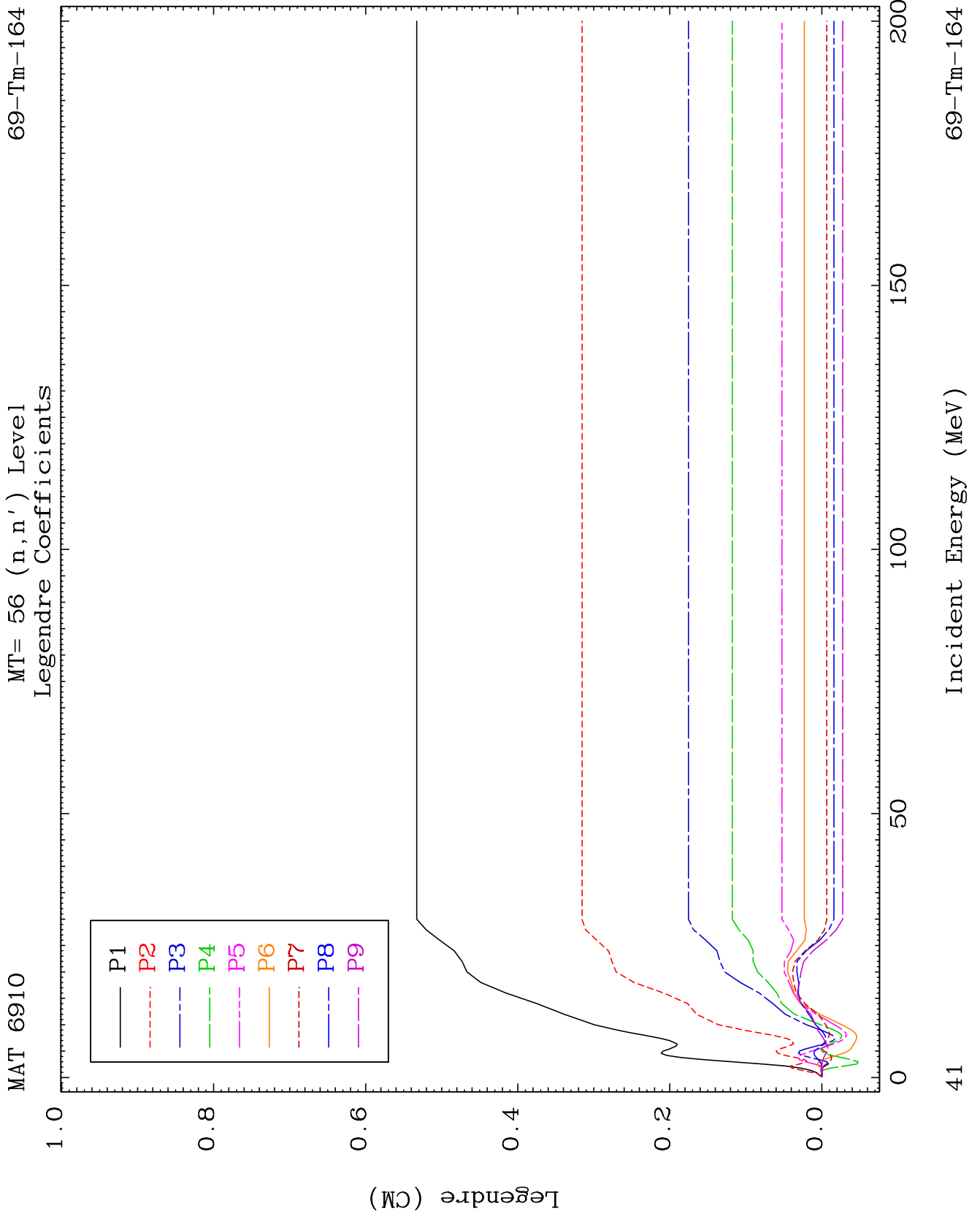


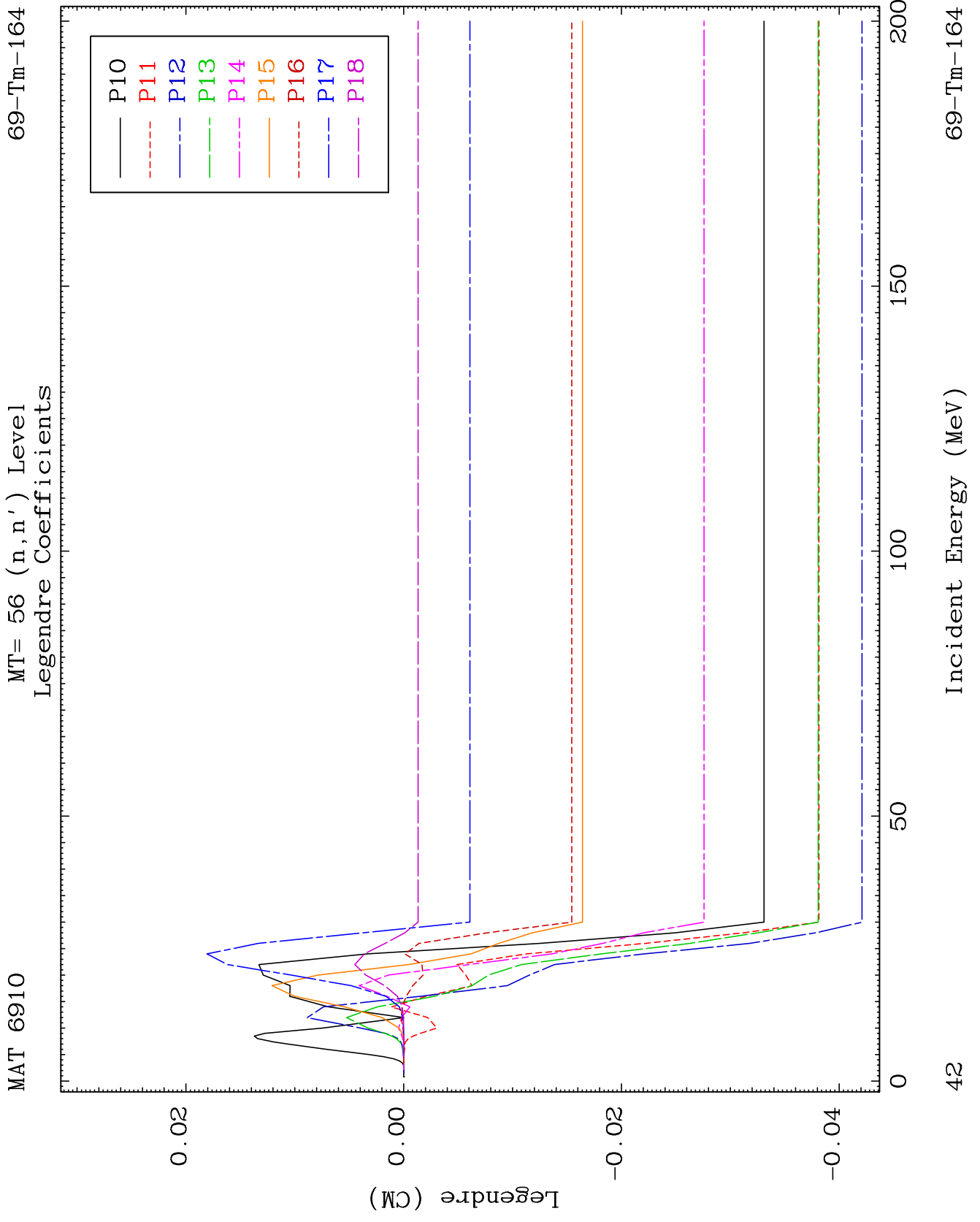
MAT 6910

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

69-Tm-164



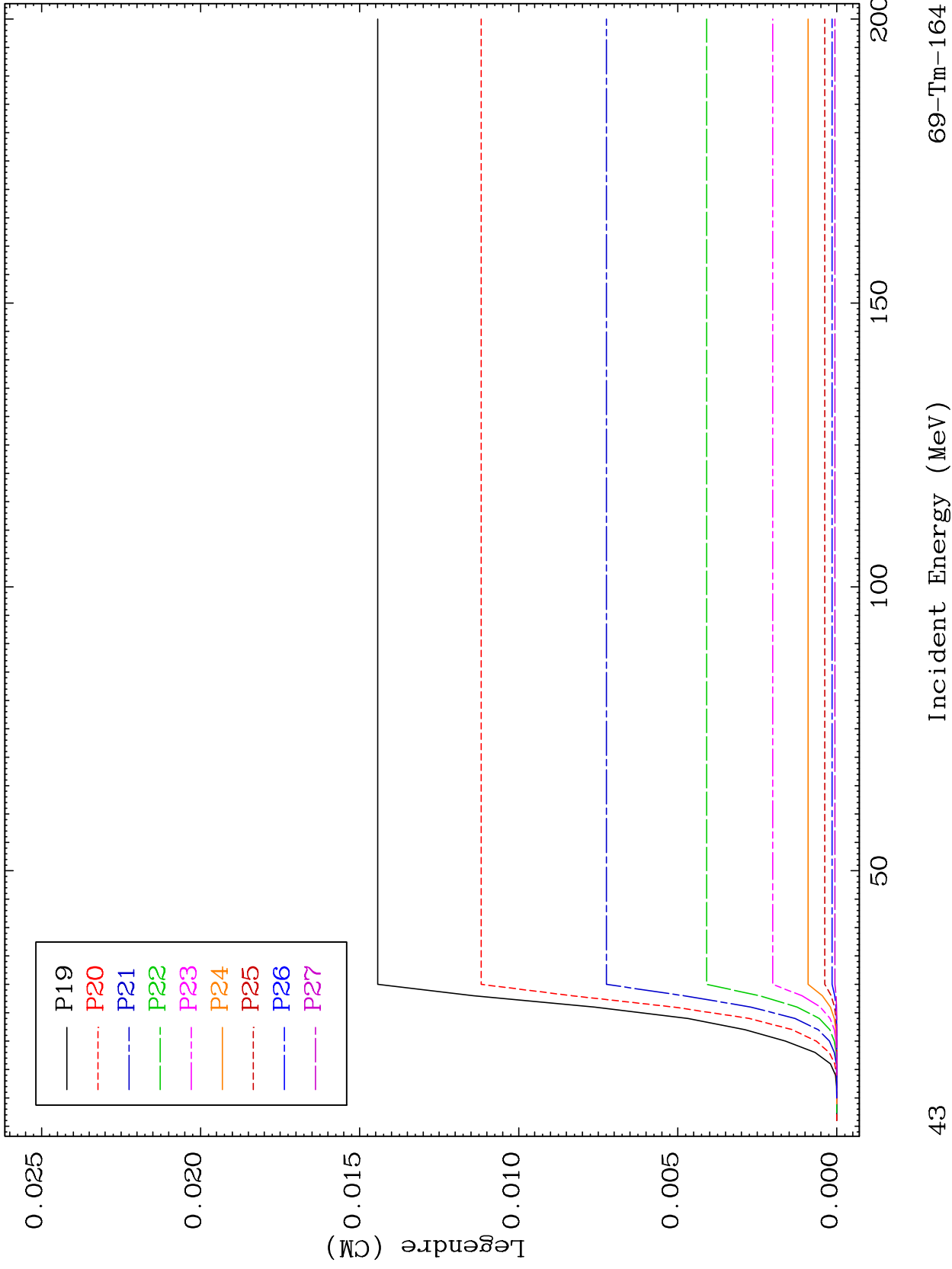




MAT 6910

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

69-Tm-164



43

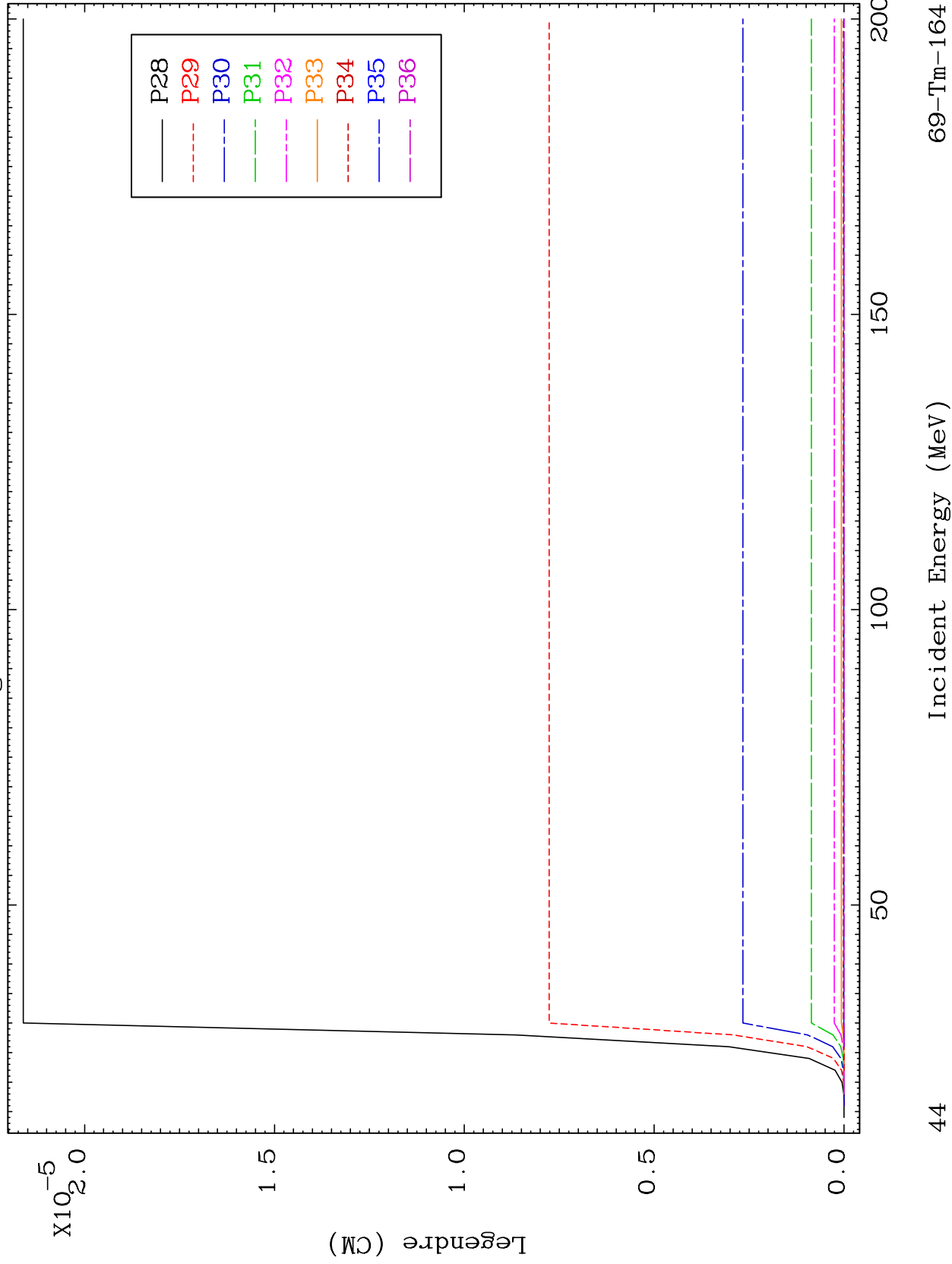
Incident Energy (MeV)

69-Tm-164

MAT 6910

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

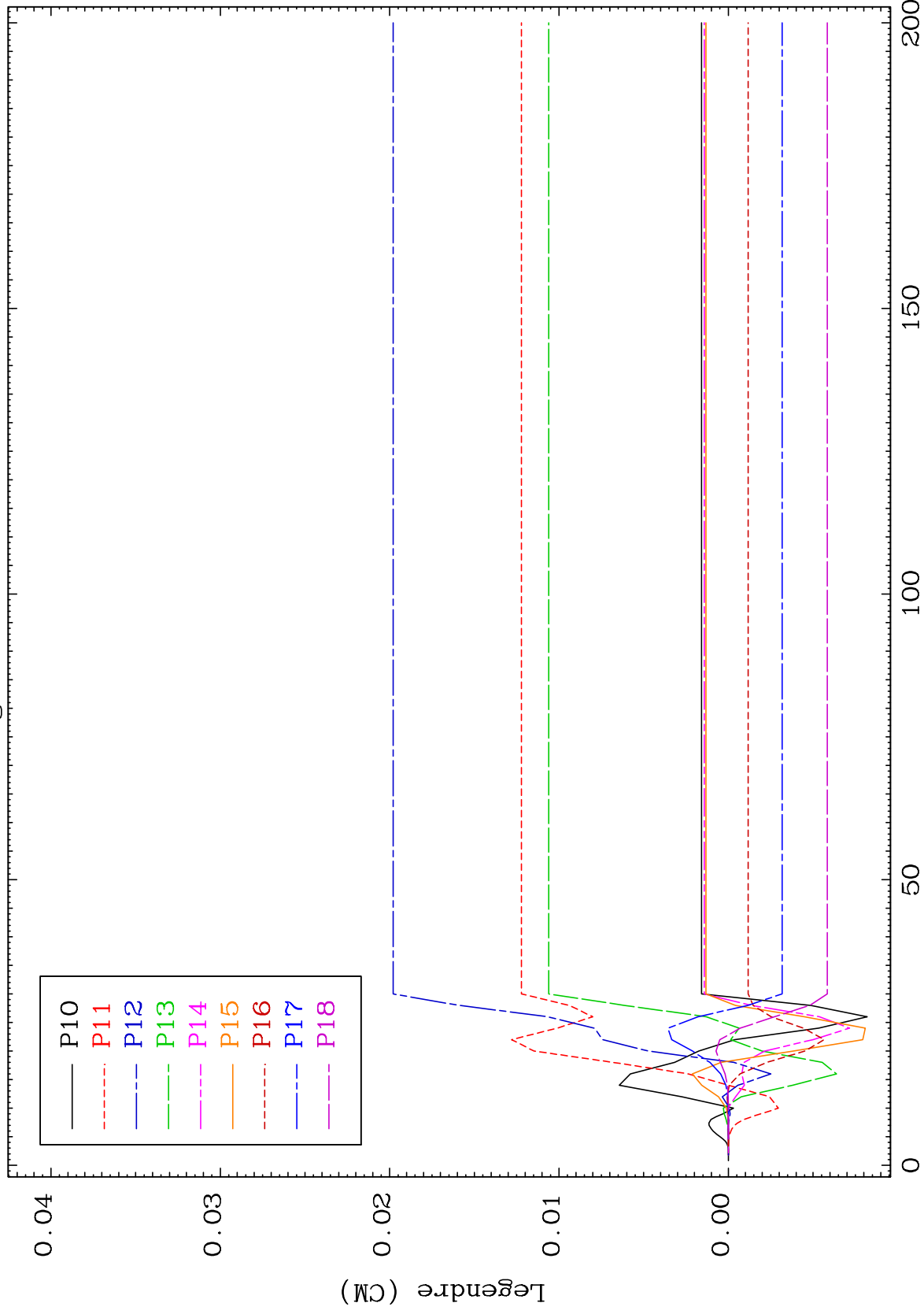
69-Tm-164



MAT 6910

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

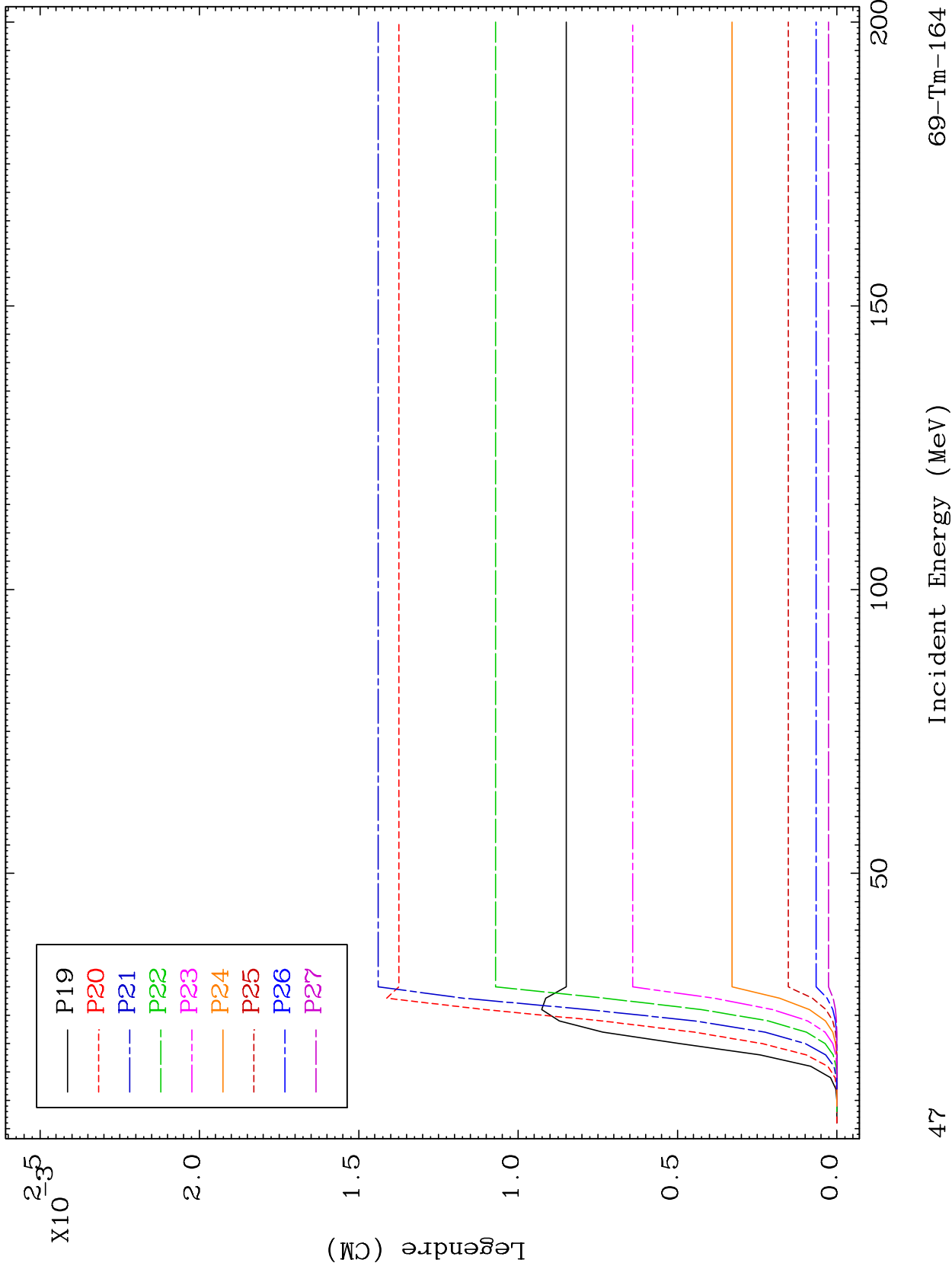
69-Tm-164



46

Incident Energy (MeV)

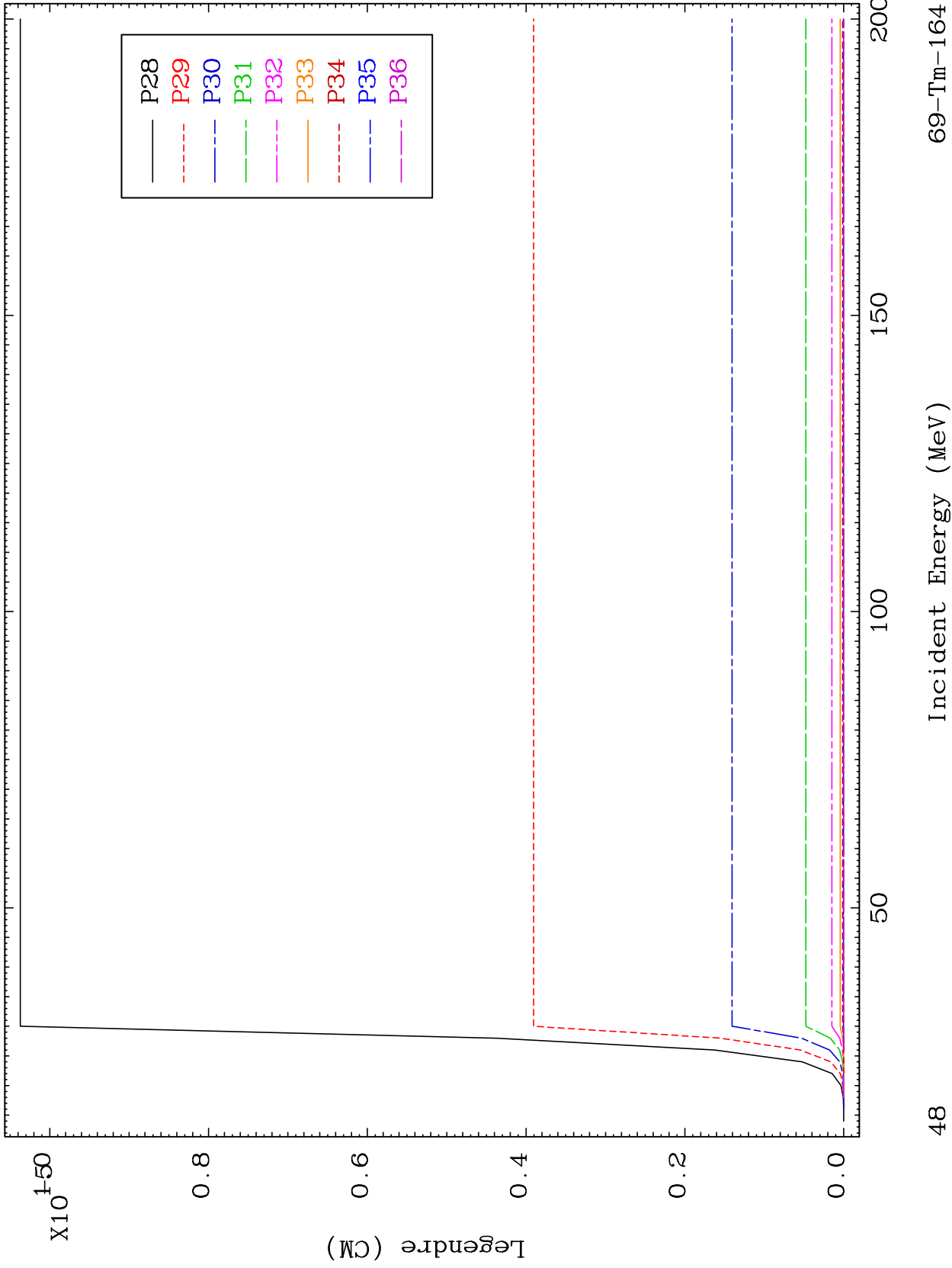
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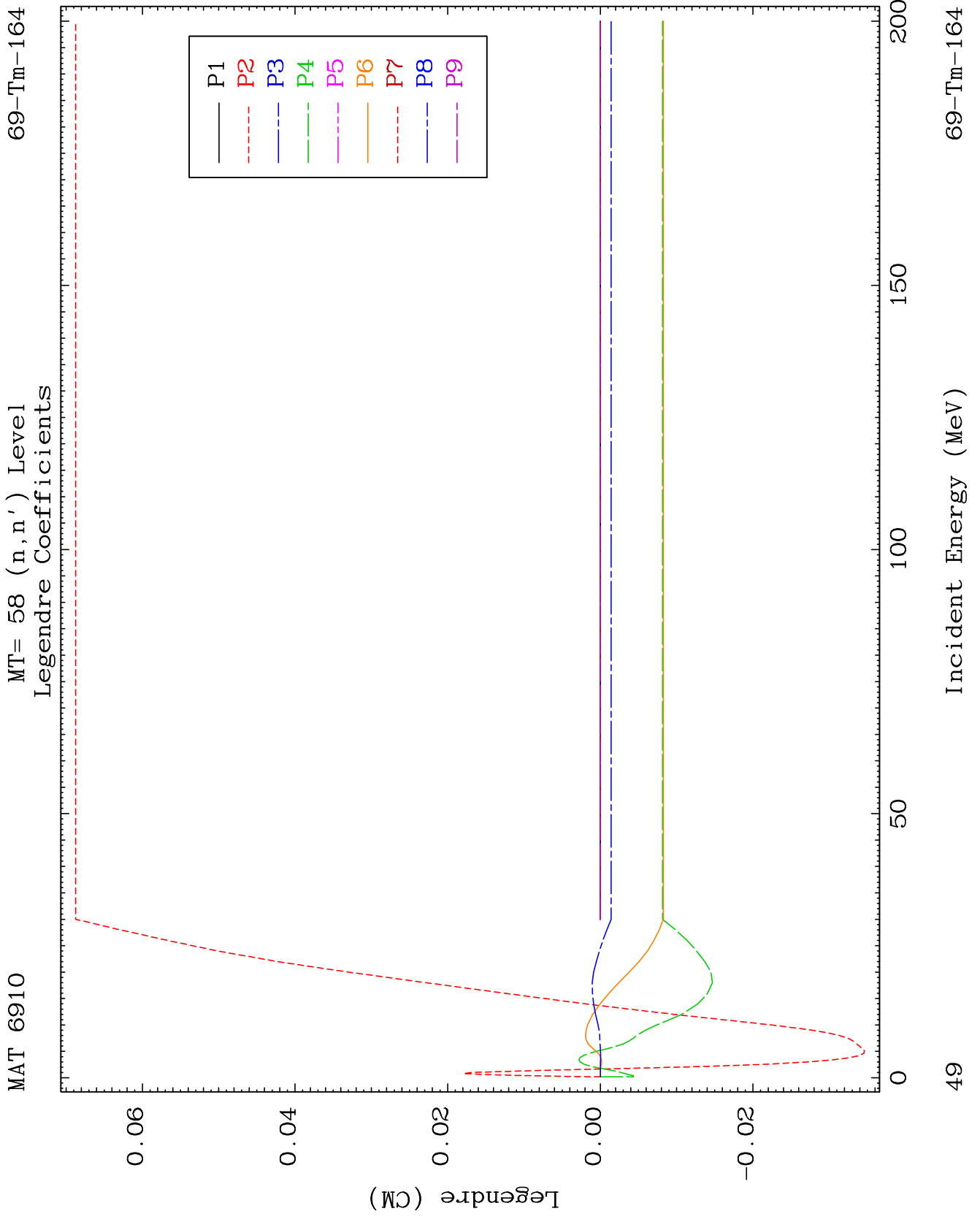


MAT 6910

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

69-Tm-164

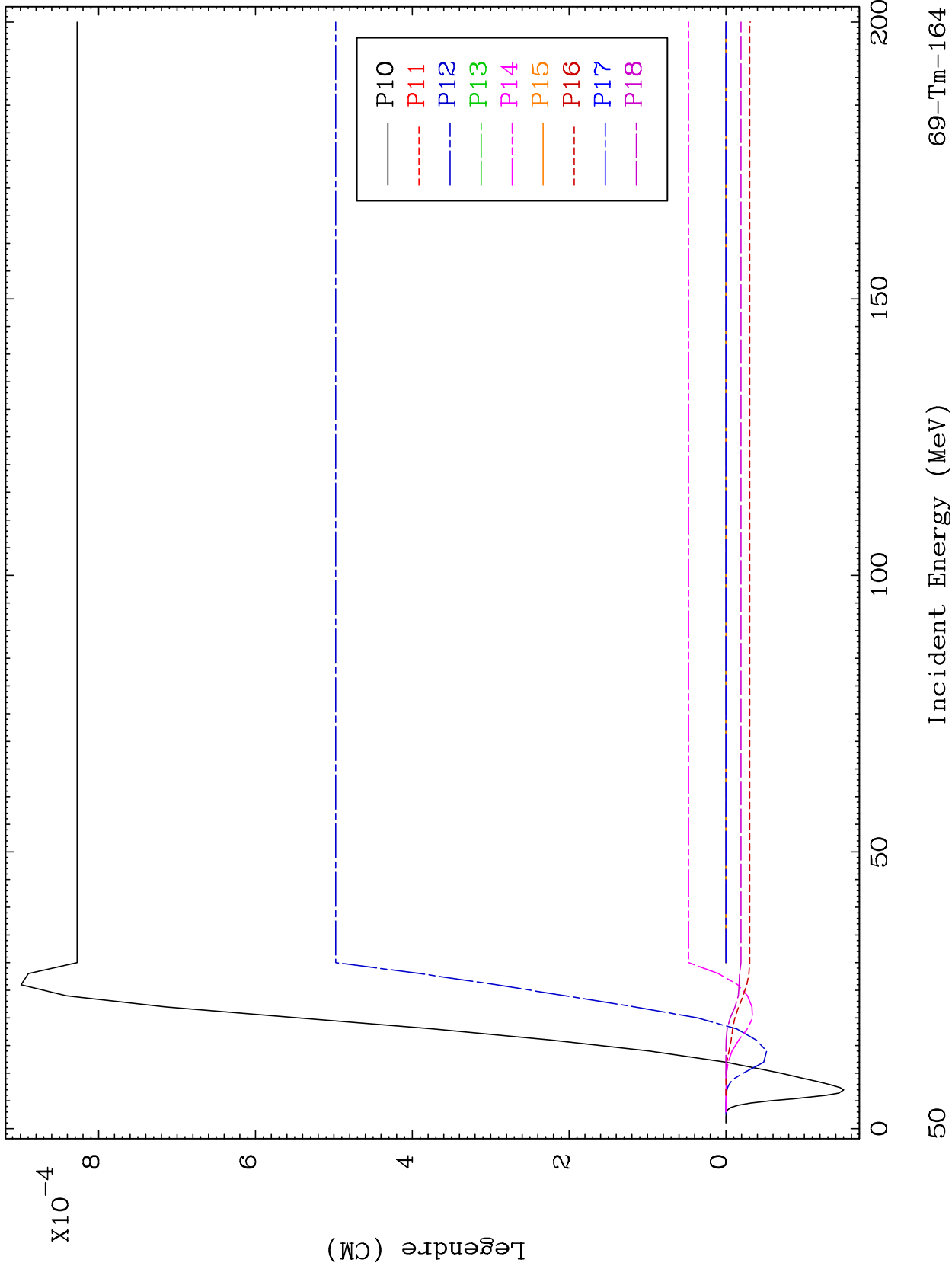


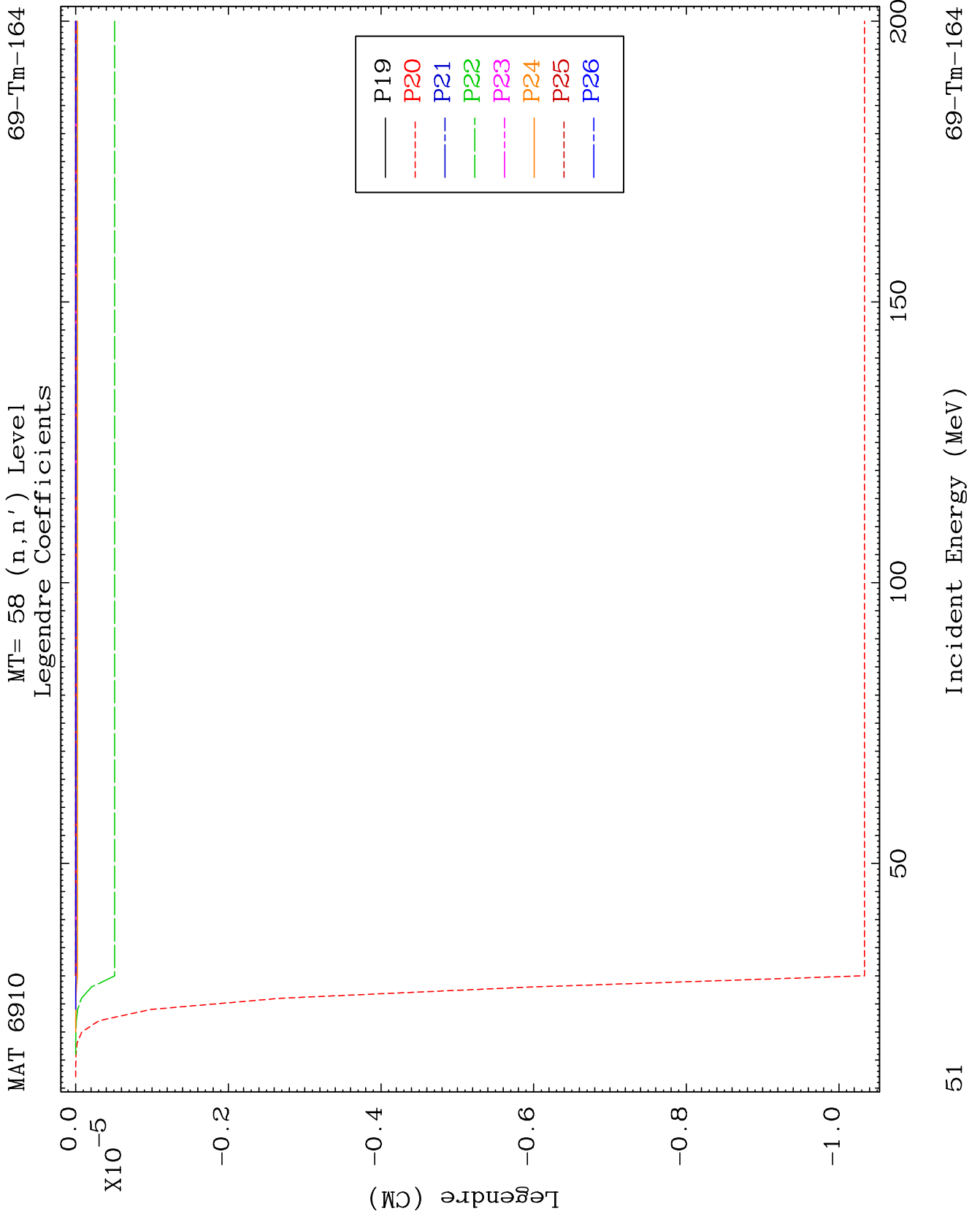


MAT 6910

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

69-Tm-164

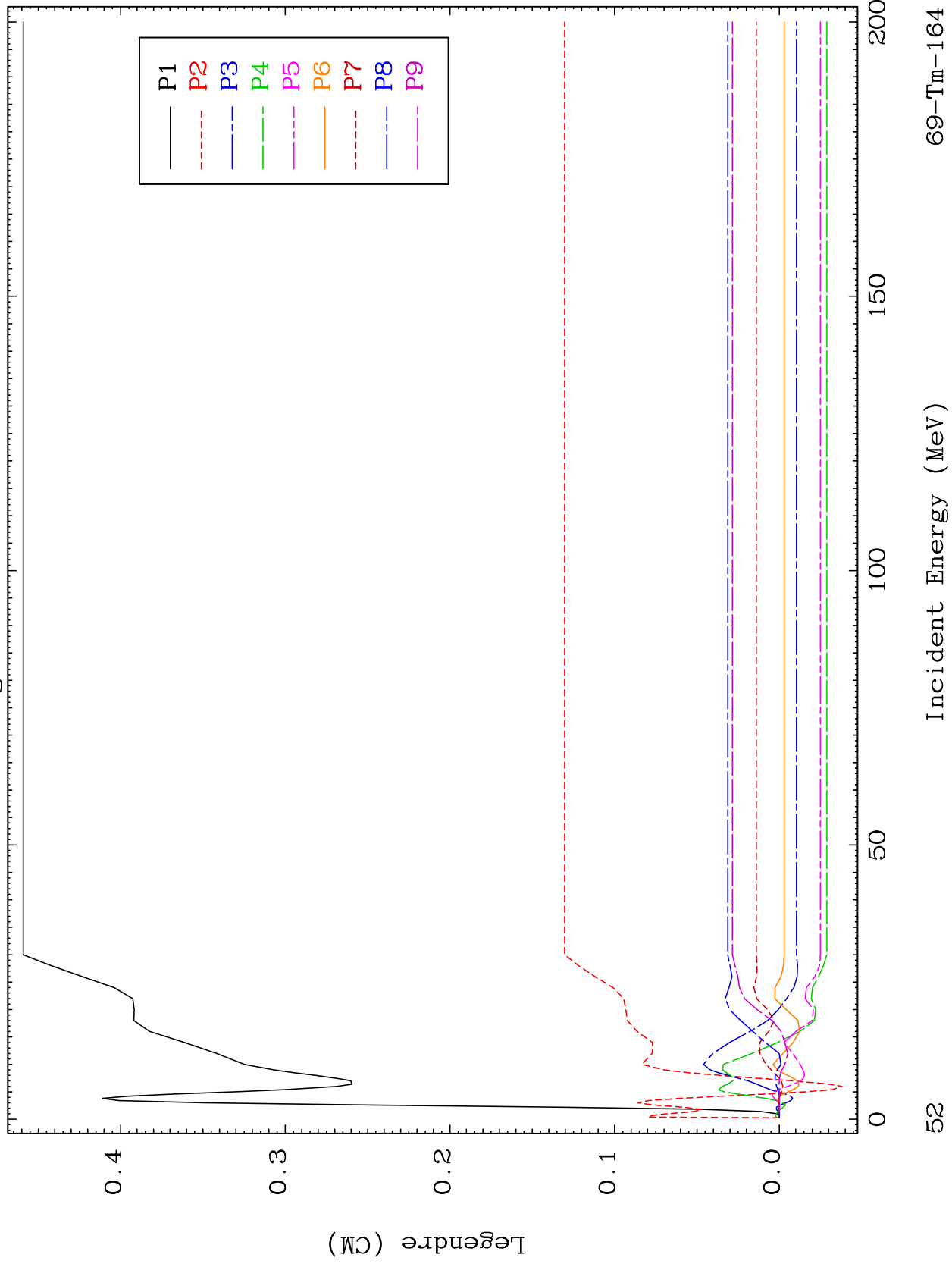




MAT 6910

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

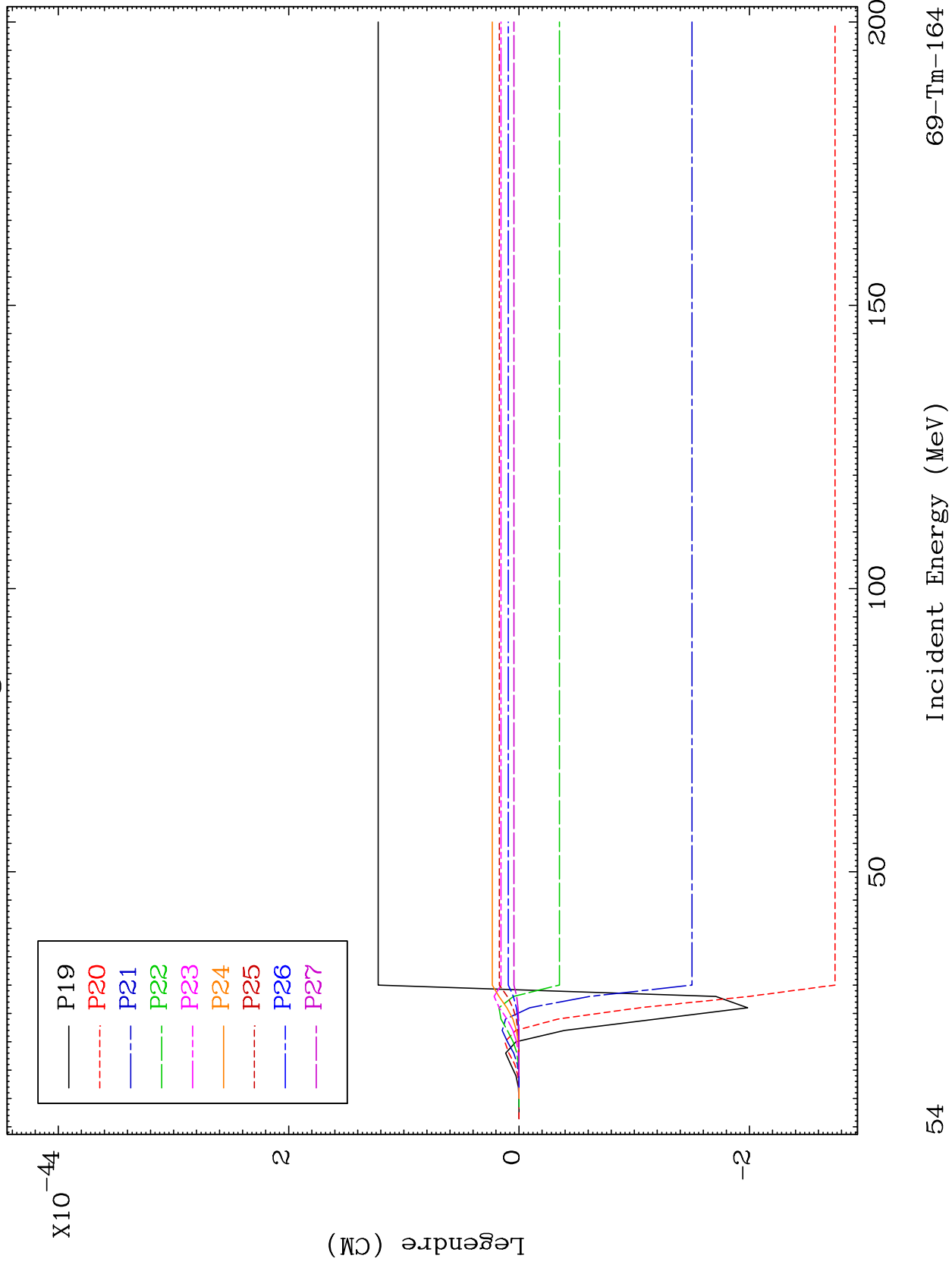
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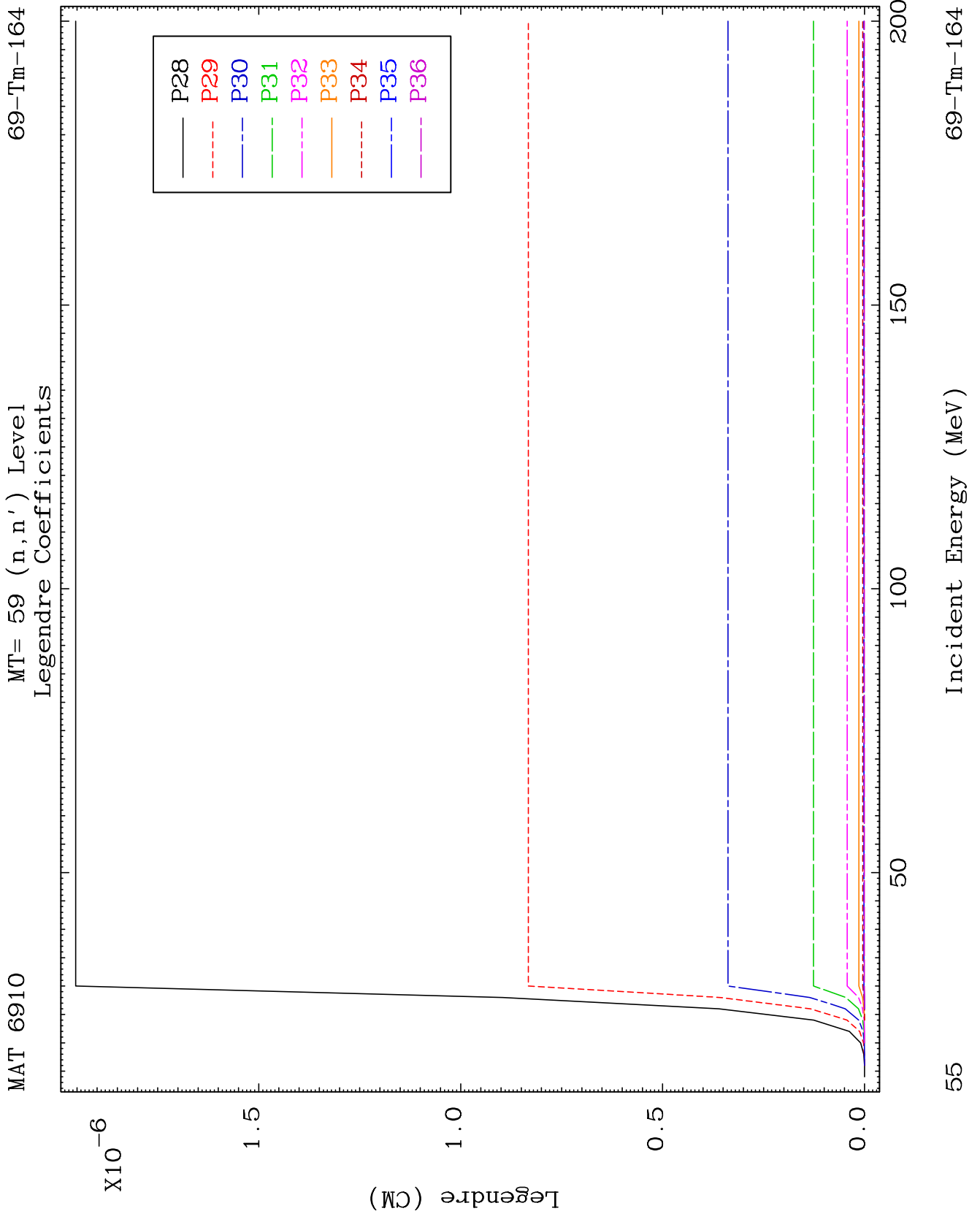


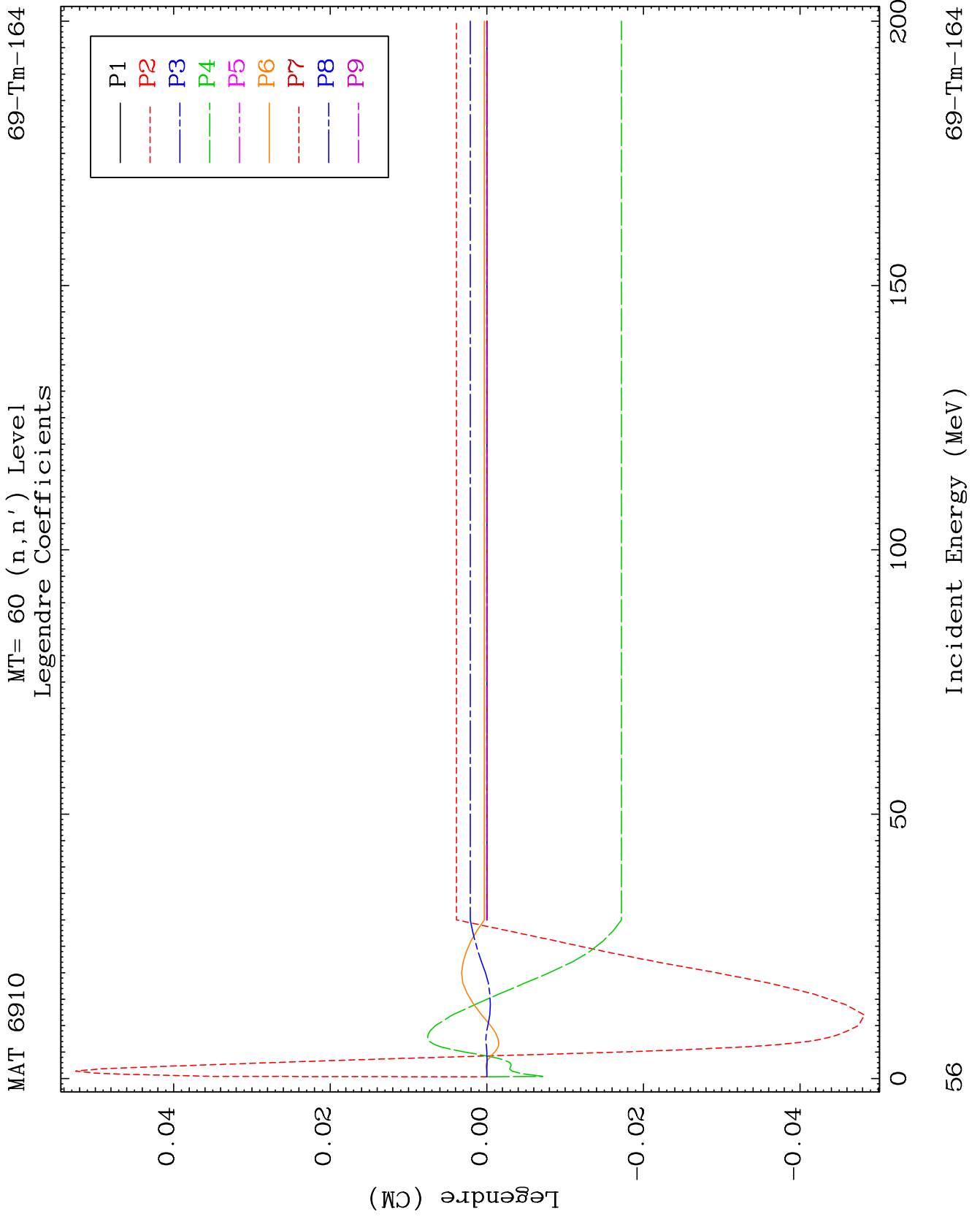
MAT 6910

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

69-Tm-164





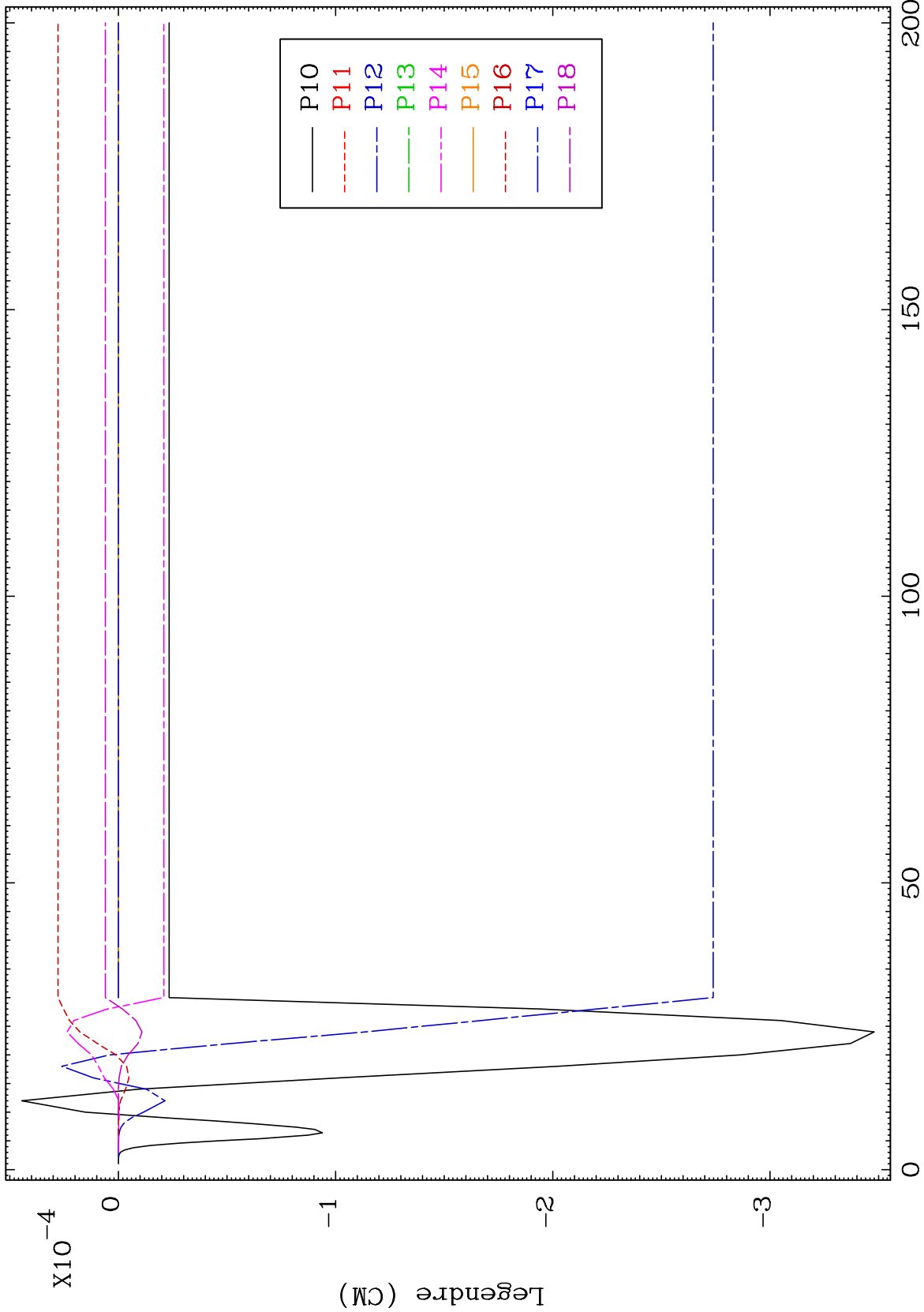


MAT 6910

MT= 60 (n,n') Level

69-Tm-164

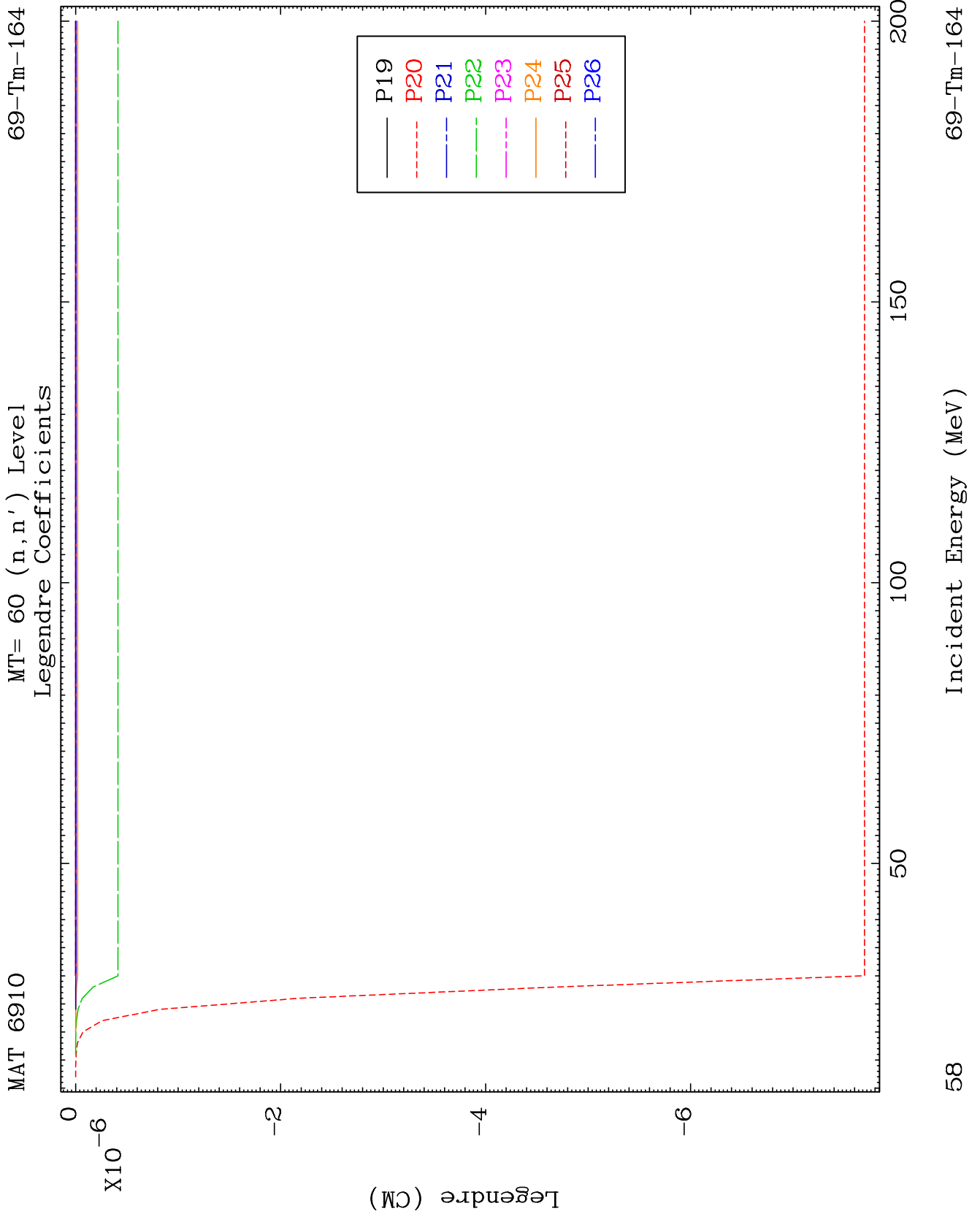
Legendre Coefficients

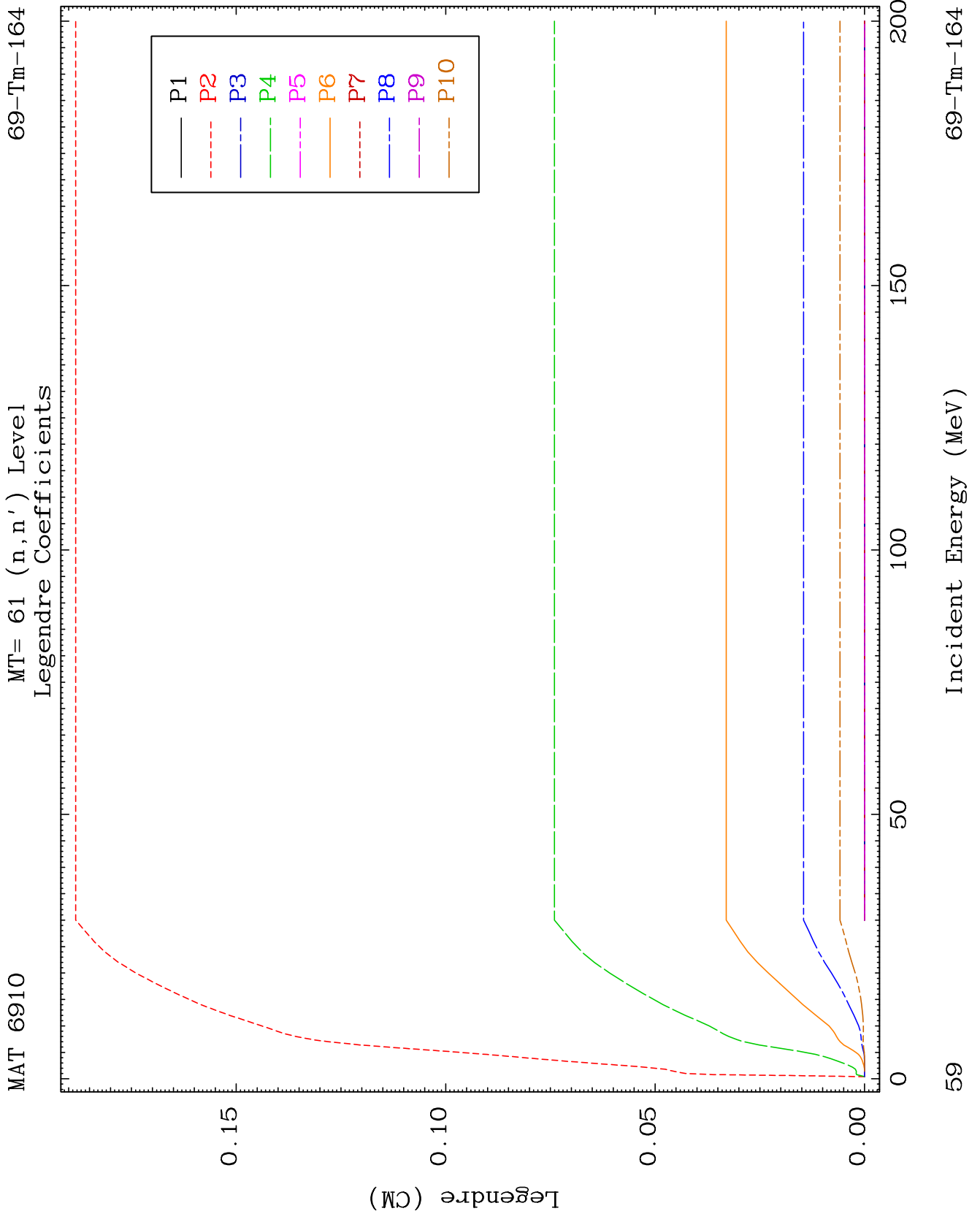


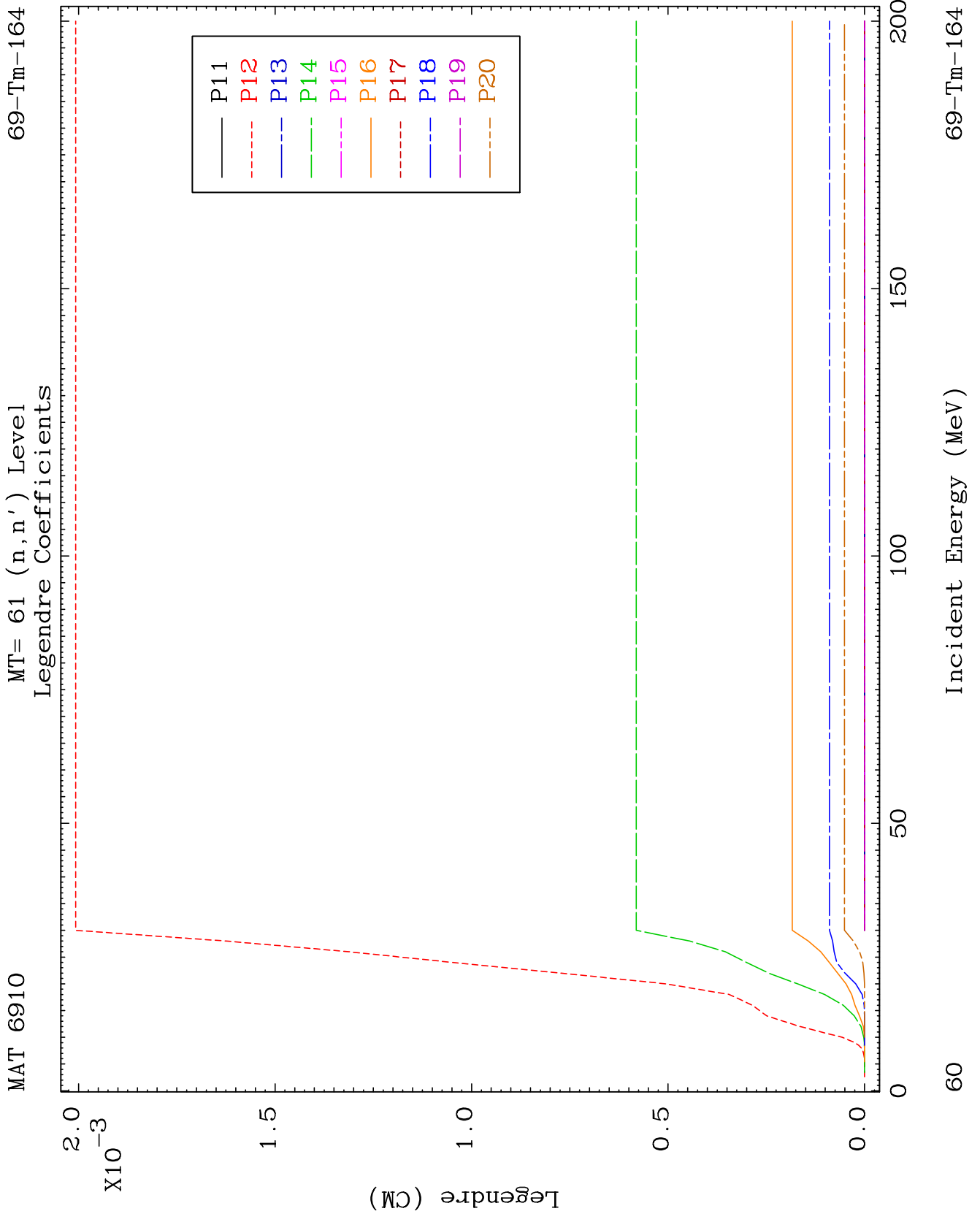
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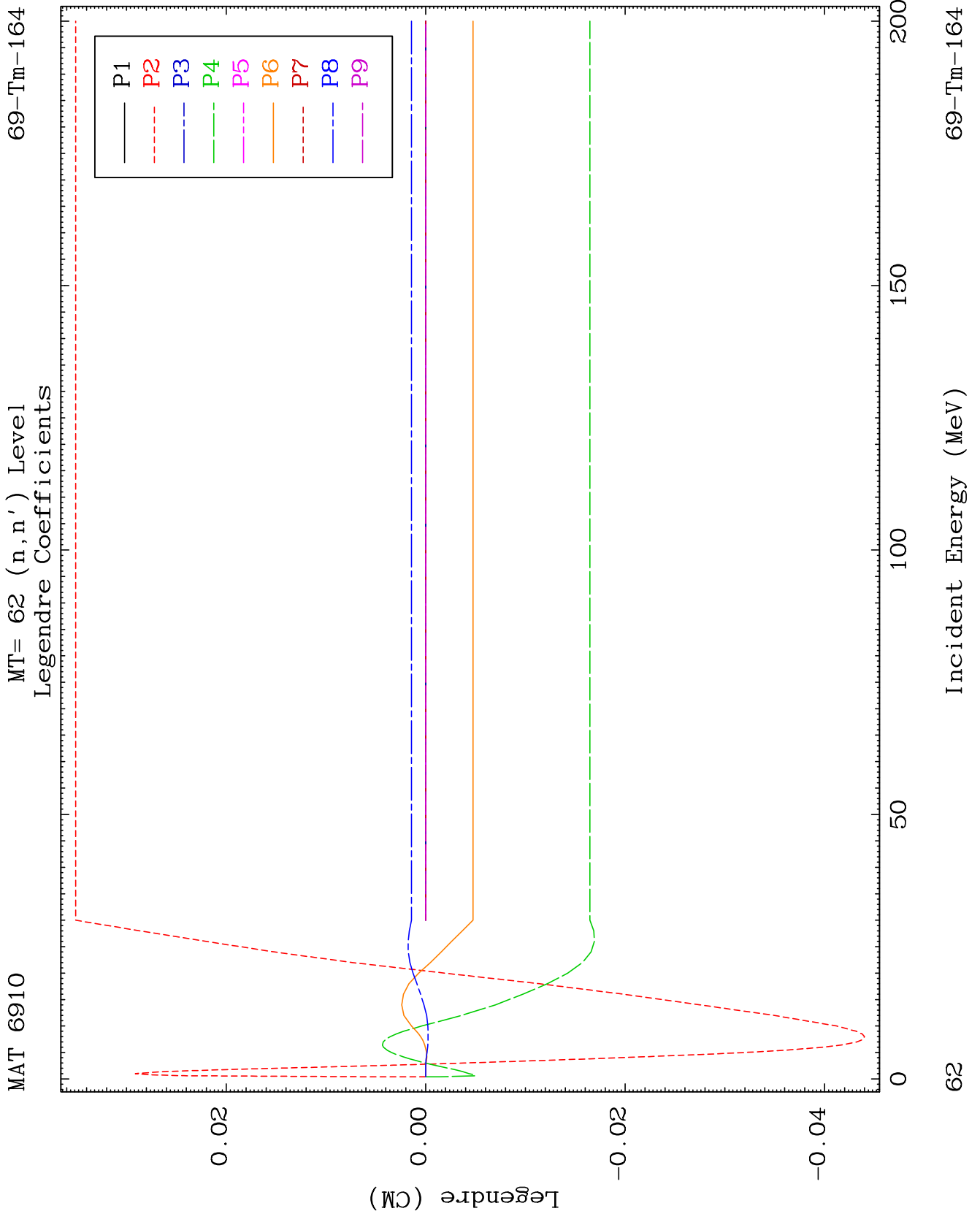
Incident Energy (MeV)

69-Tm-164





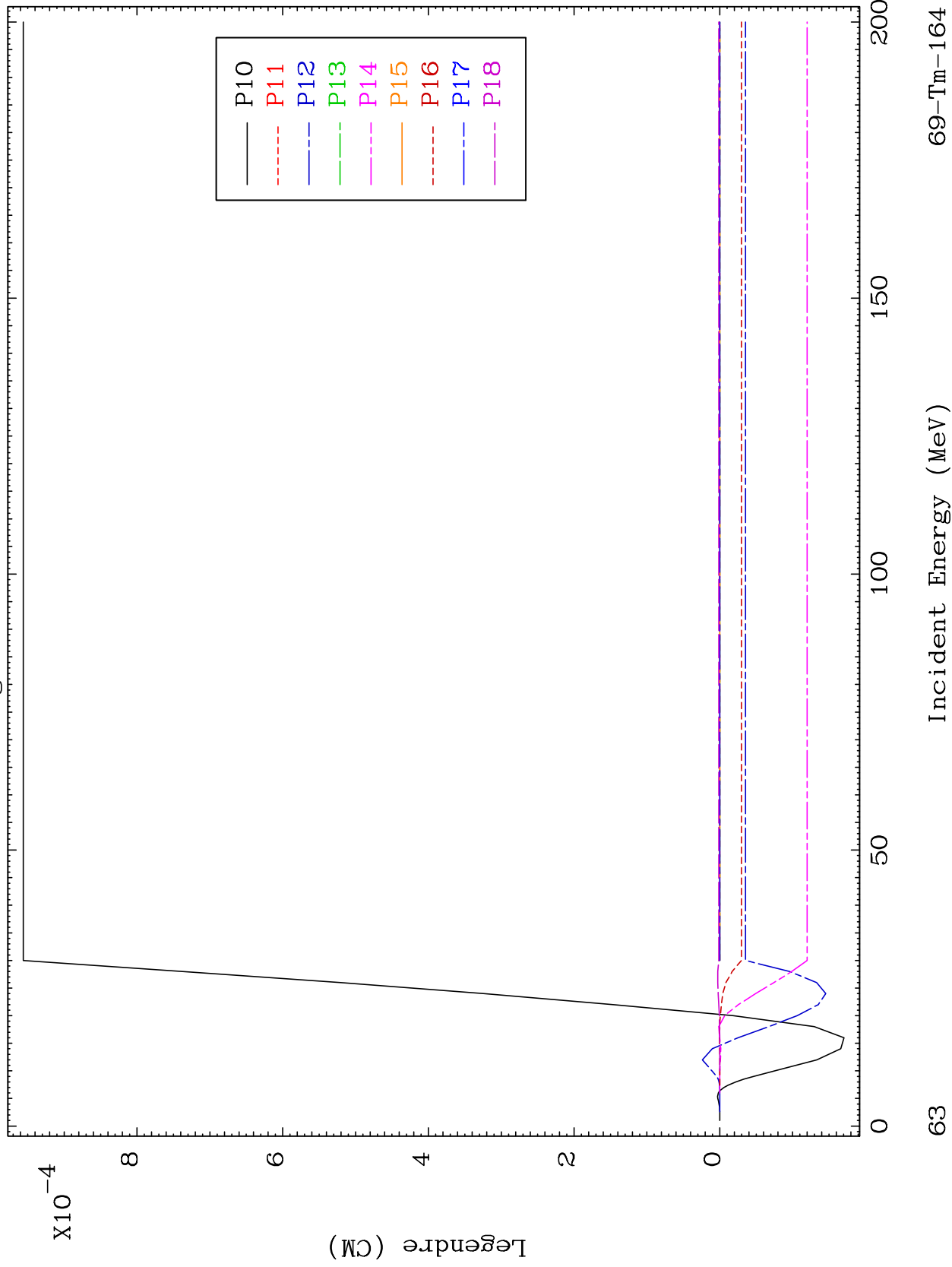




MAT 6910

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

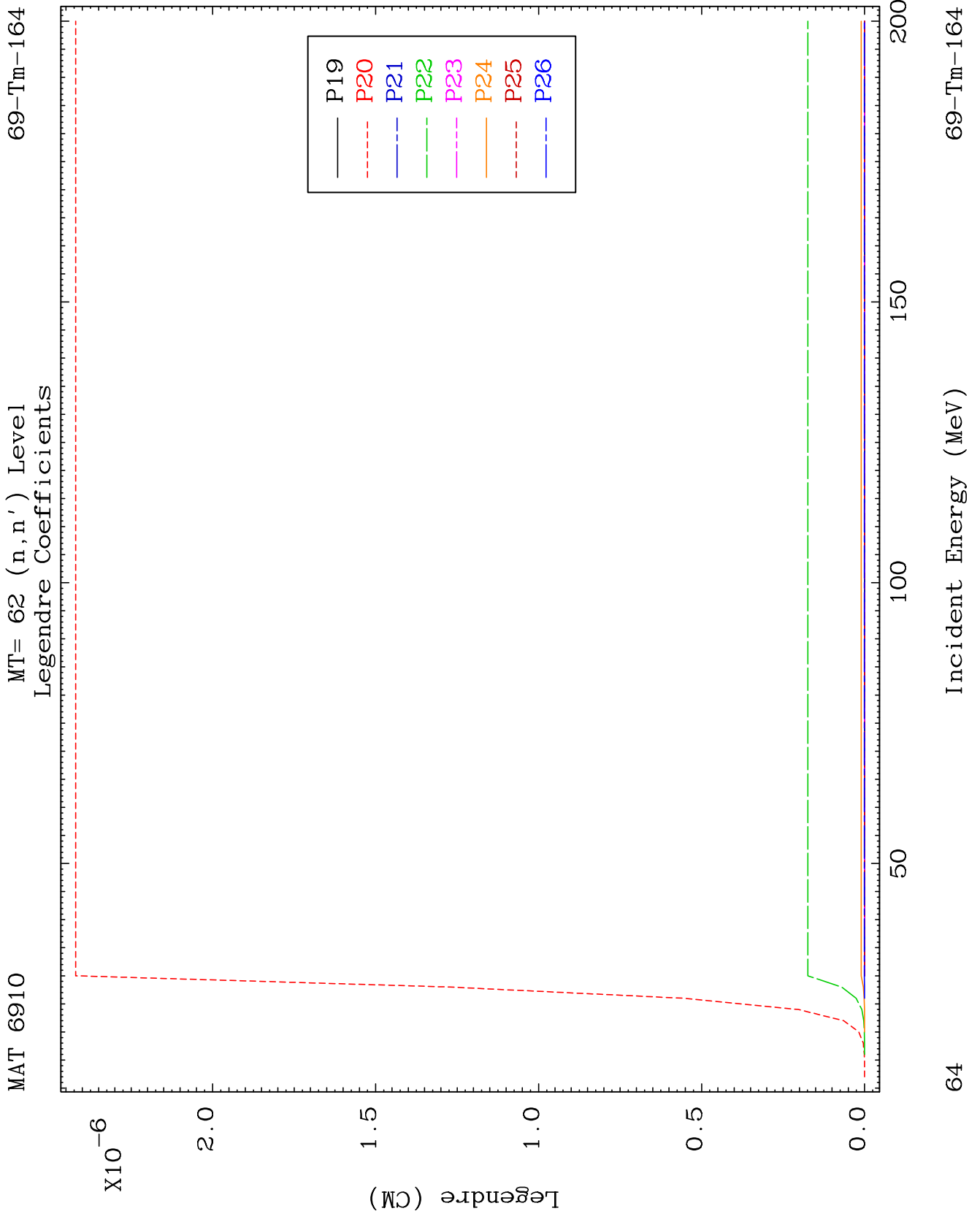
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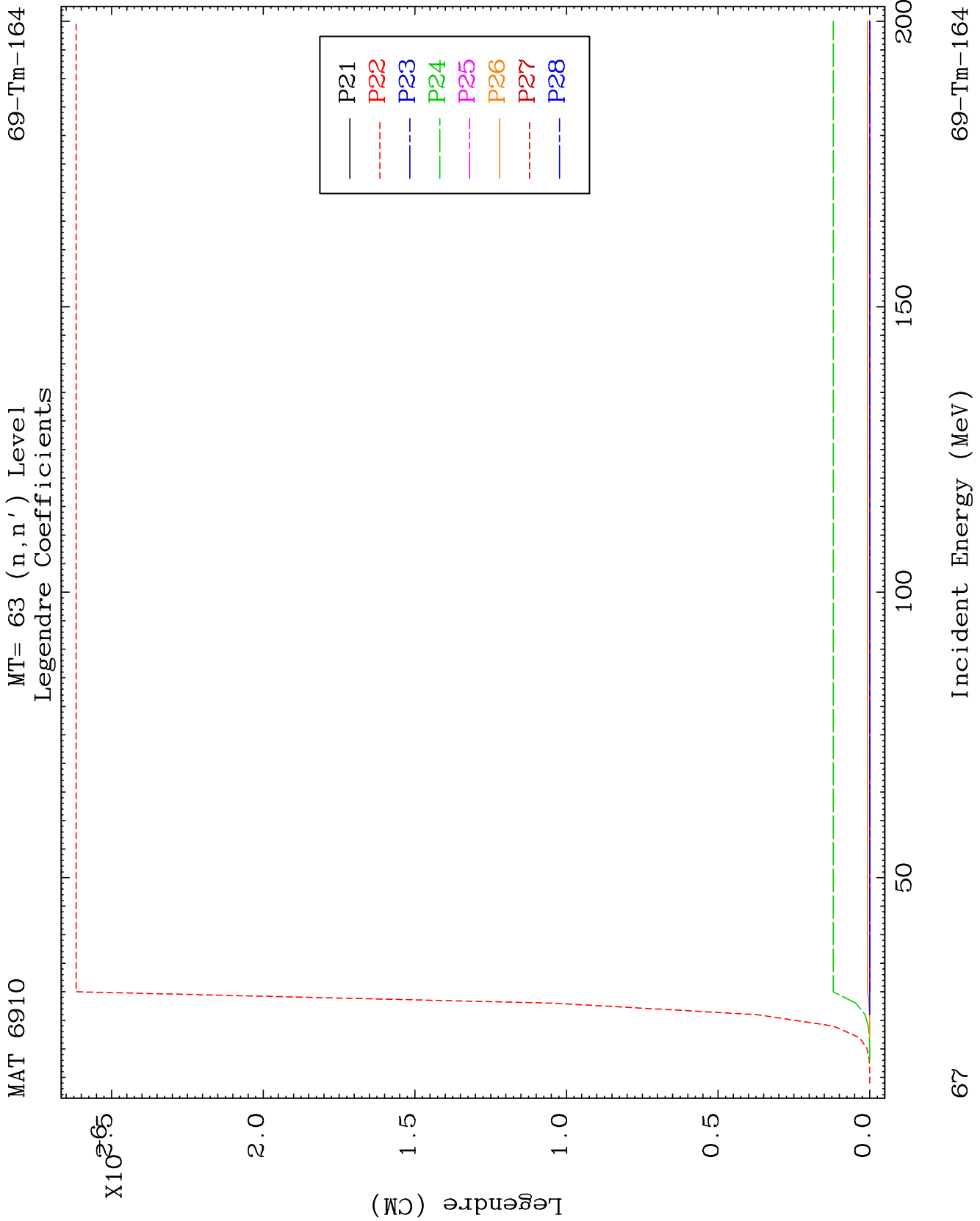


69-Tm-164

Incident Energy (MeV)

63

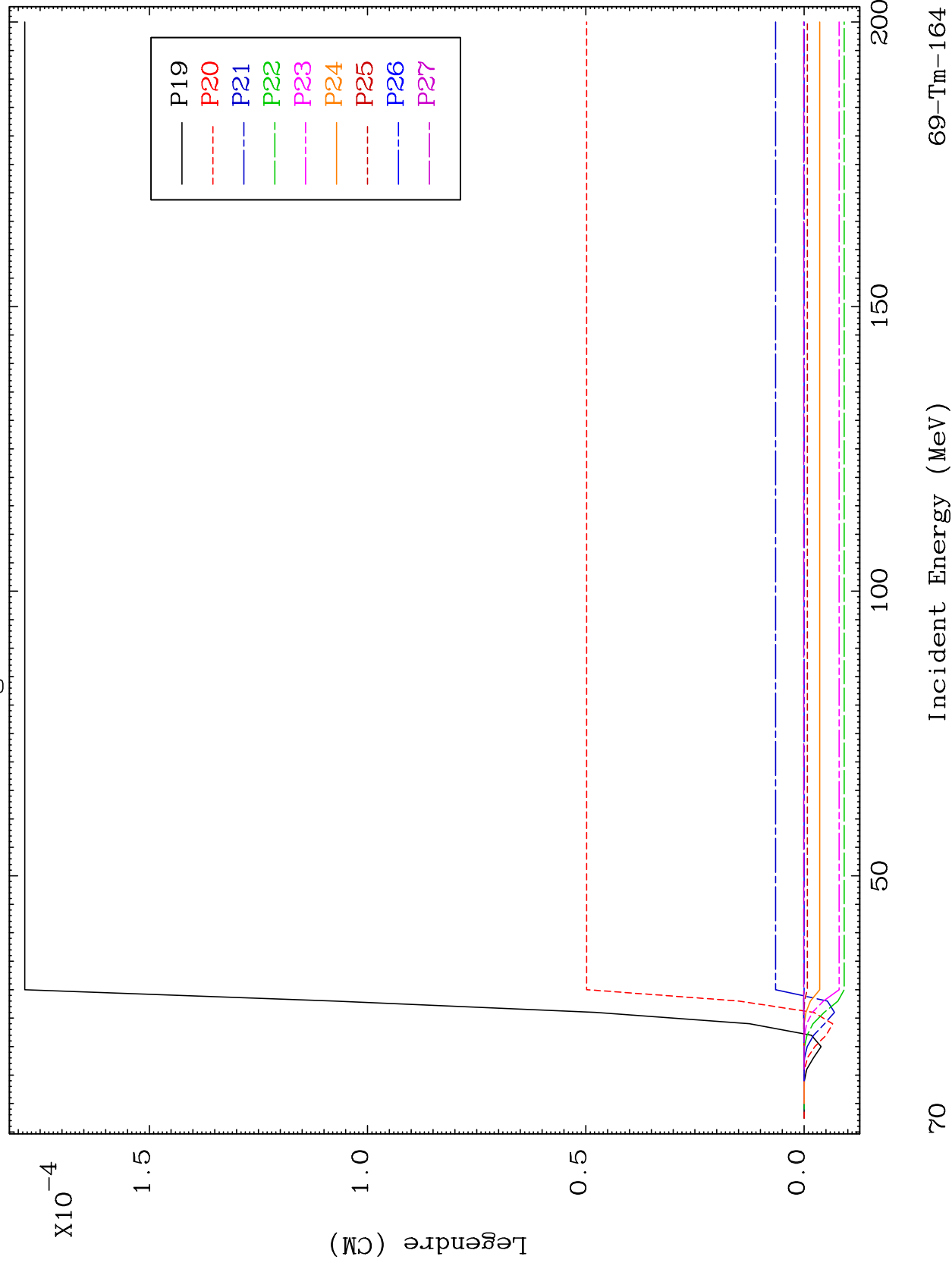




MAT 6910

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

69-Tm-164



70

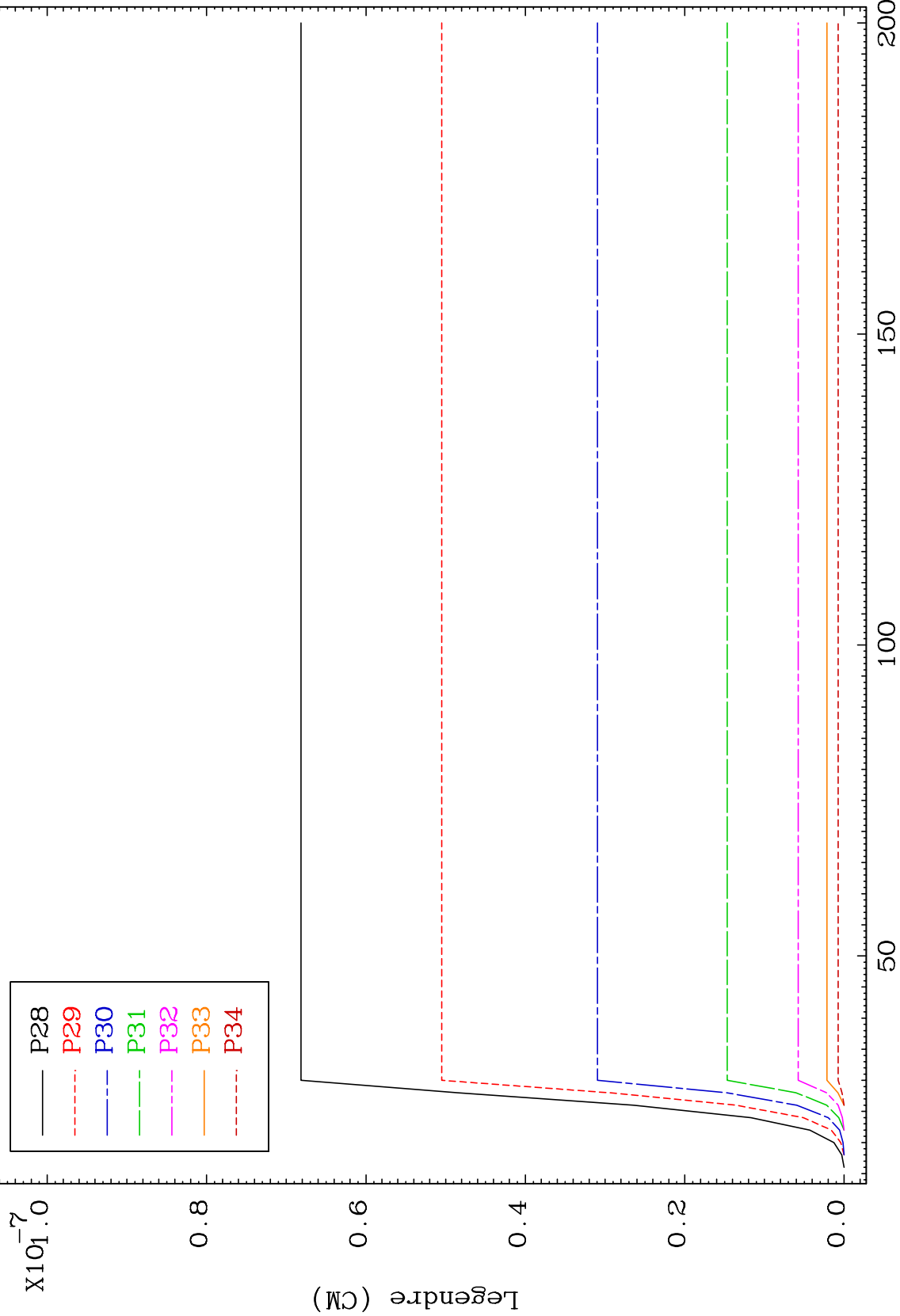
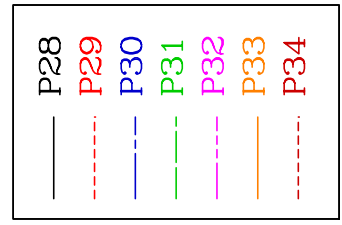
Incident Energy (MeV)

69-Tm-164

MAT 6910

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

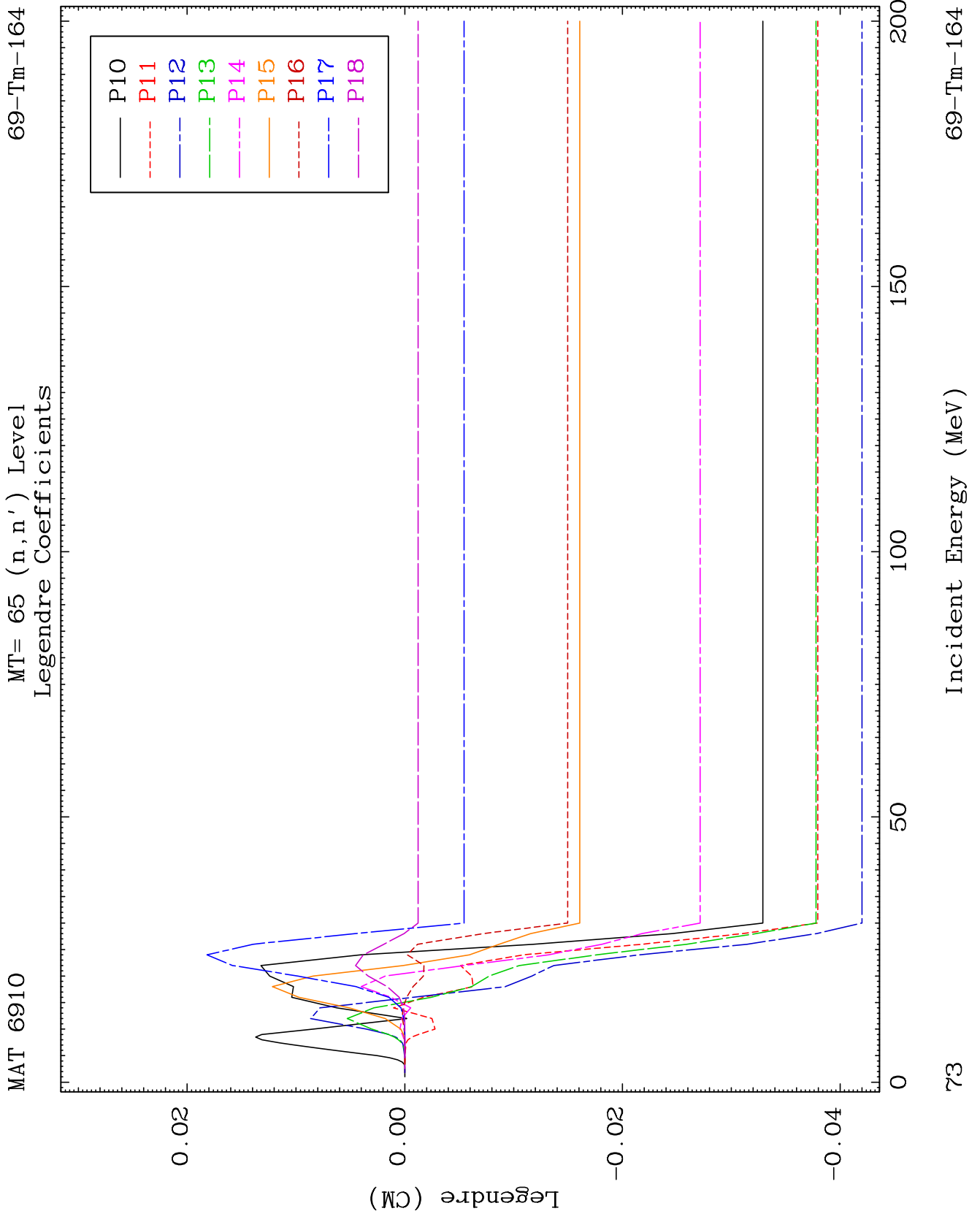
69-Tm-164

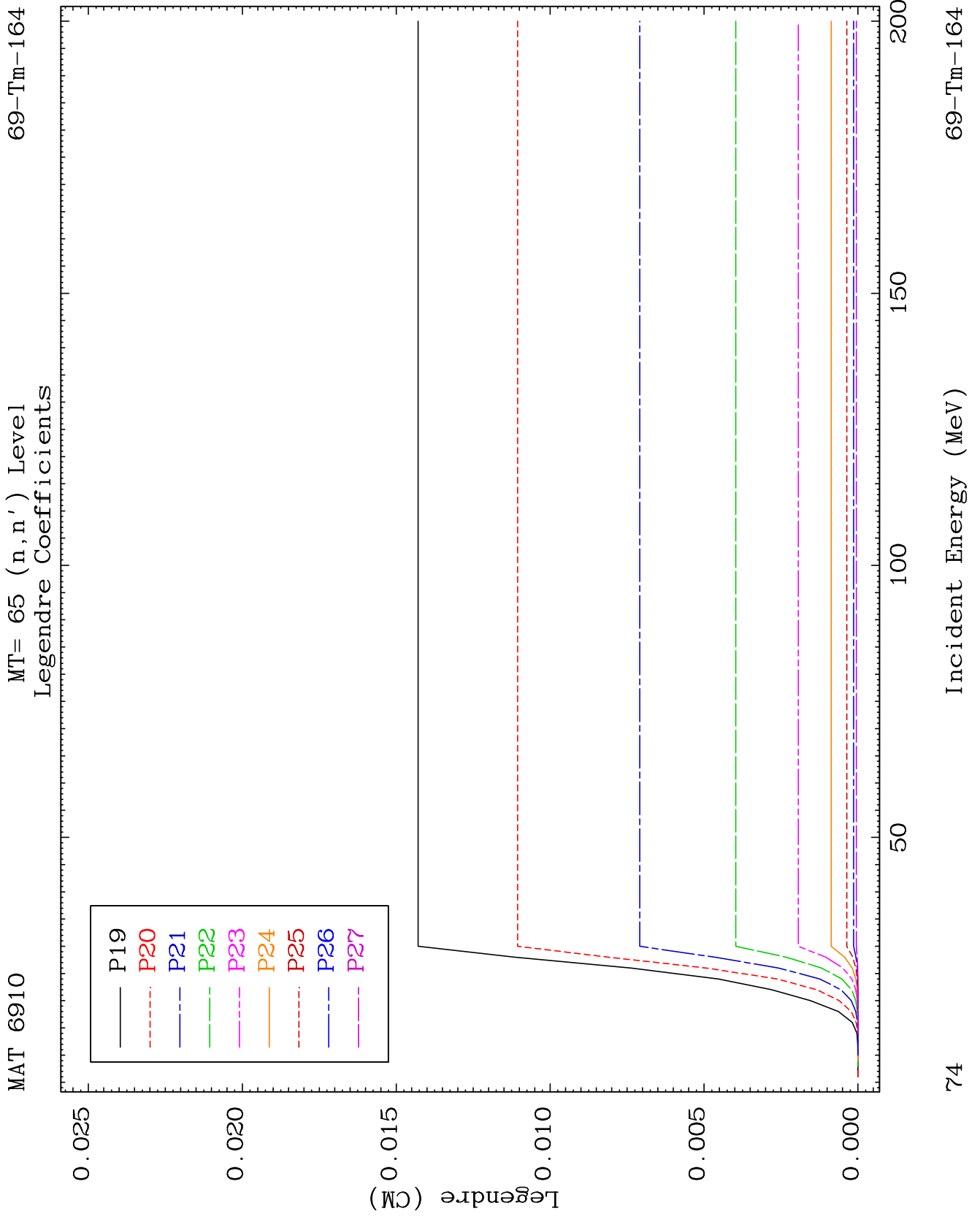


71

Incident Energy (MeV)

69-Tm-164

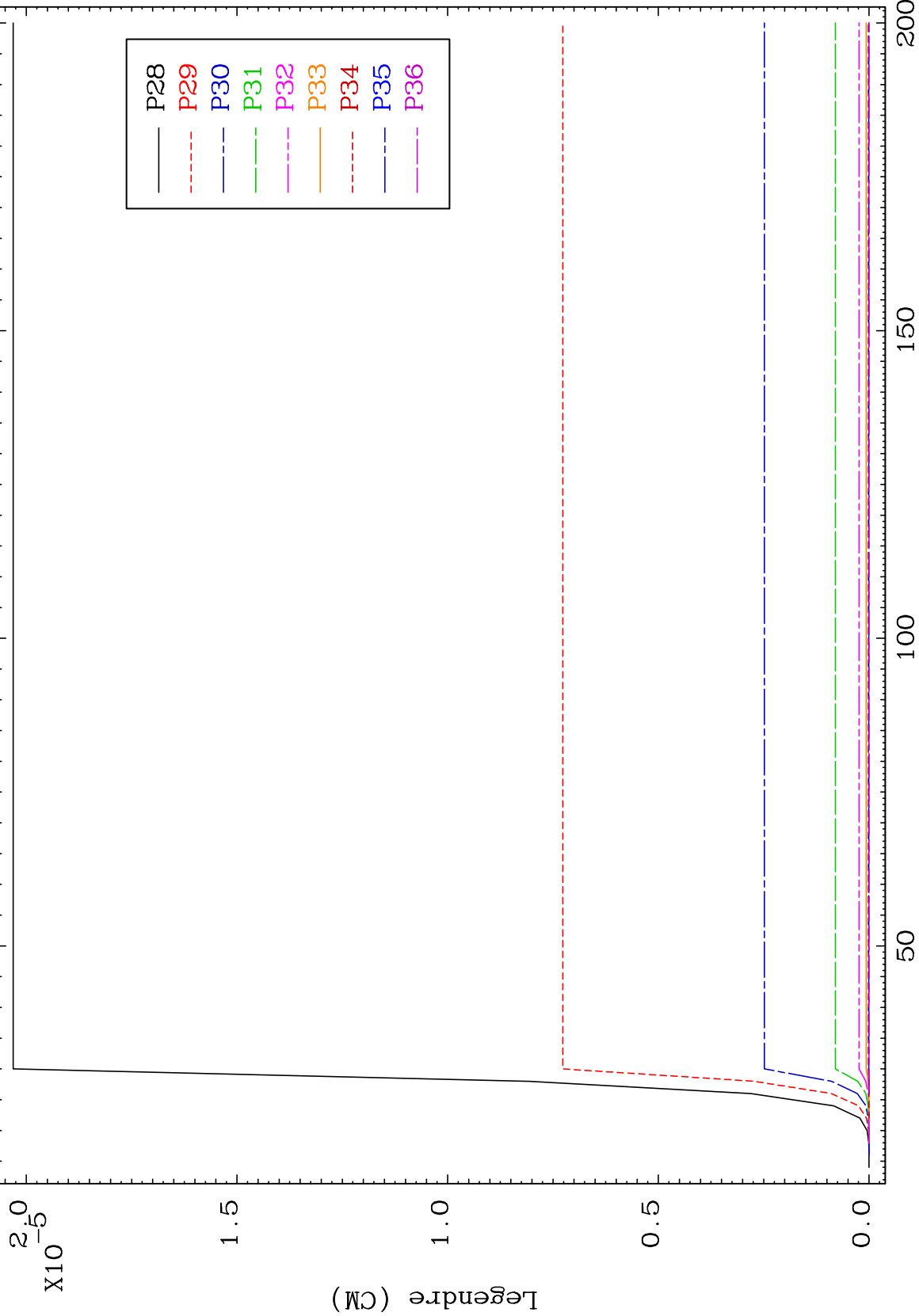




MAT 6910

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

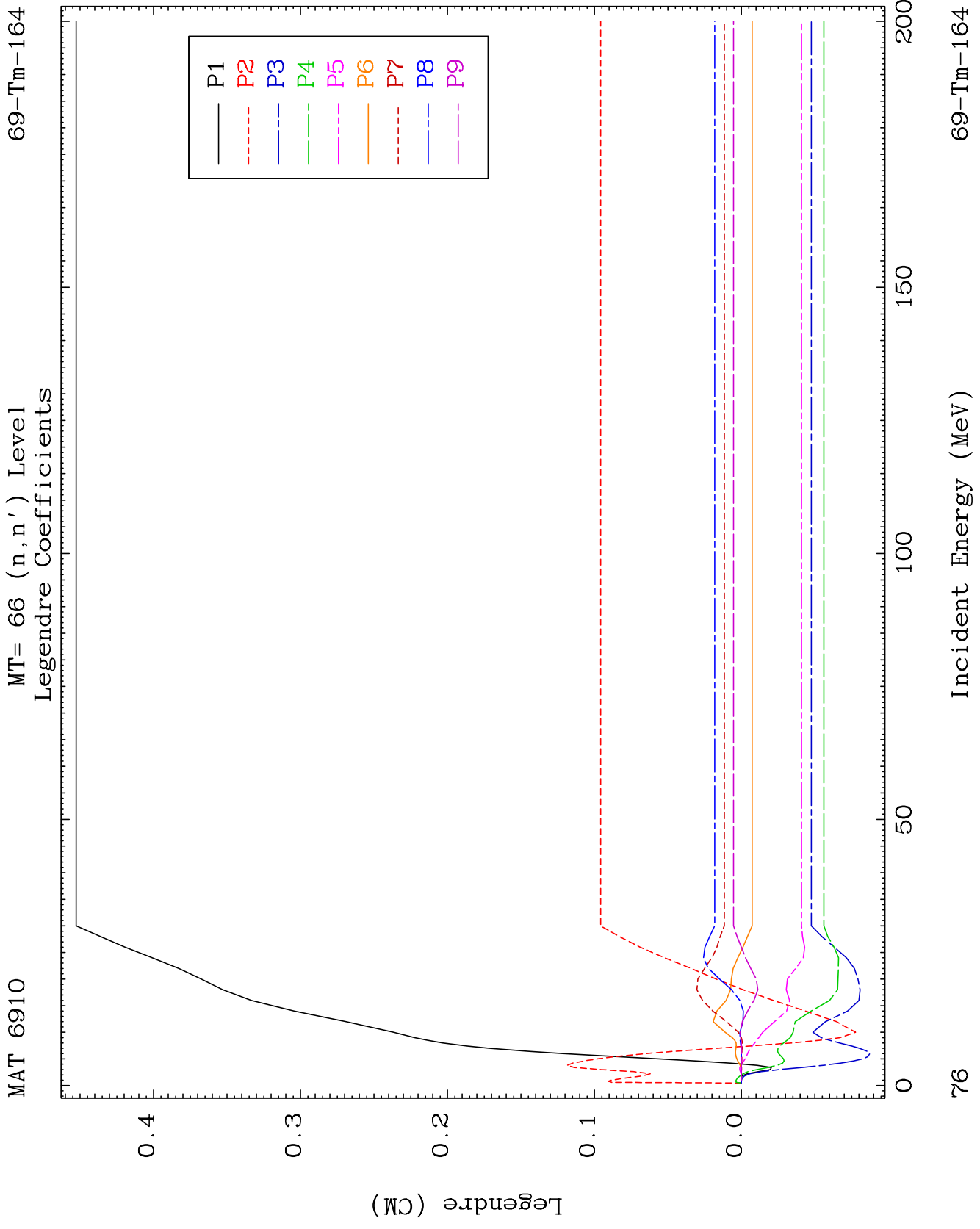
69-Tm-164



75

Incident Energy (MeV)

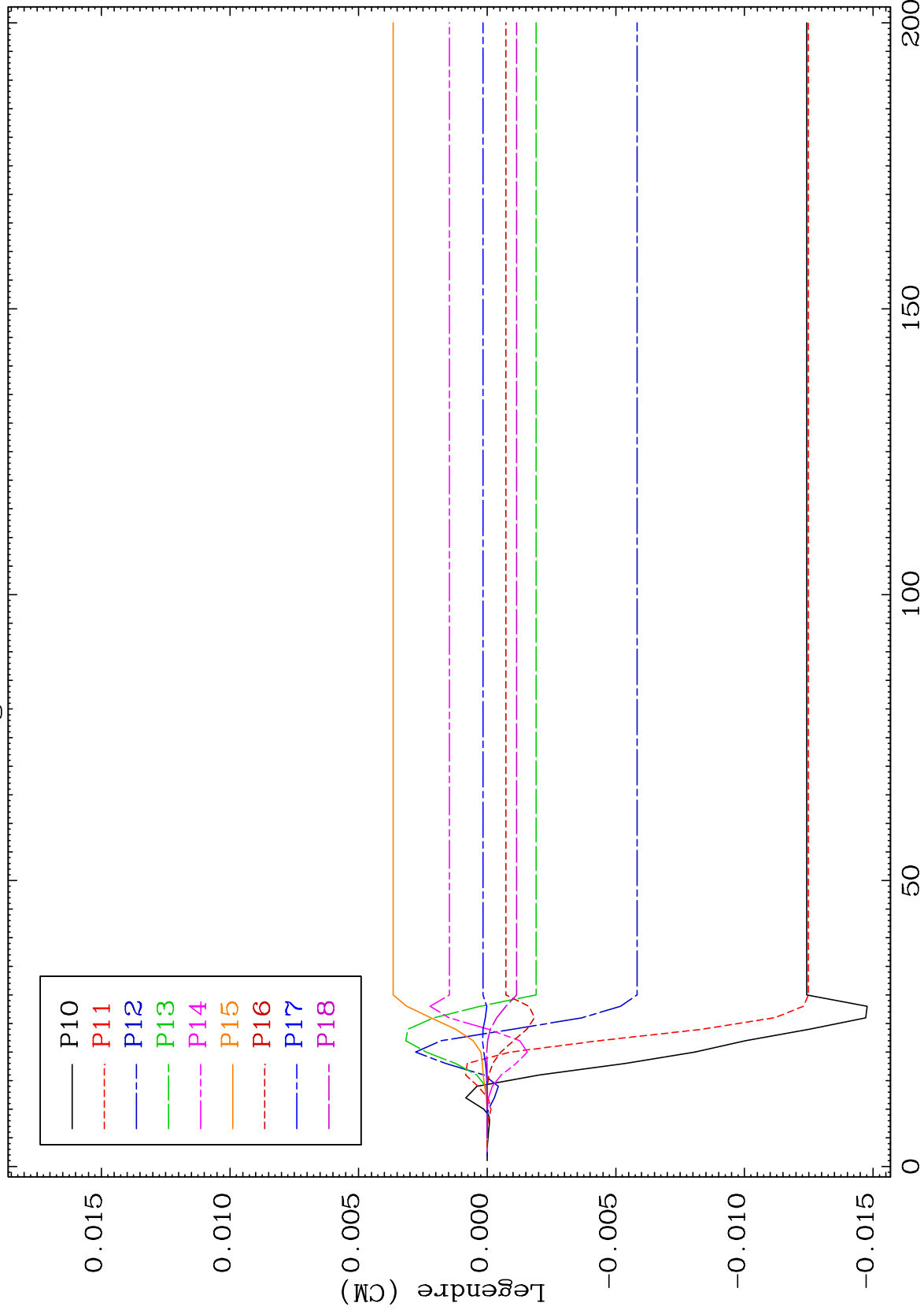
69-Tm-164



MAT 6910

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

69-Tm-164



77

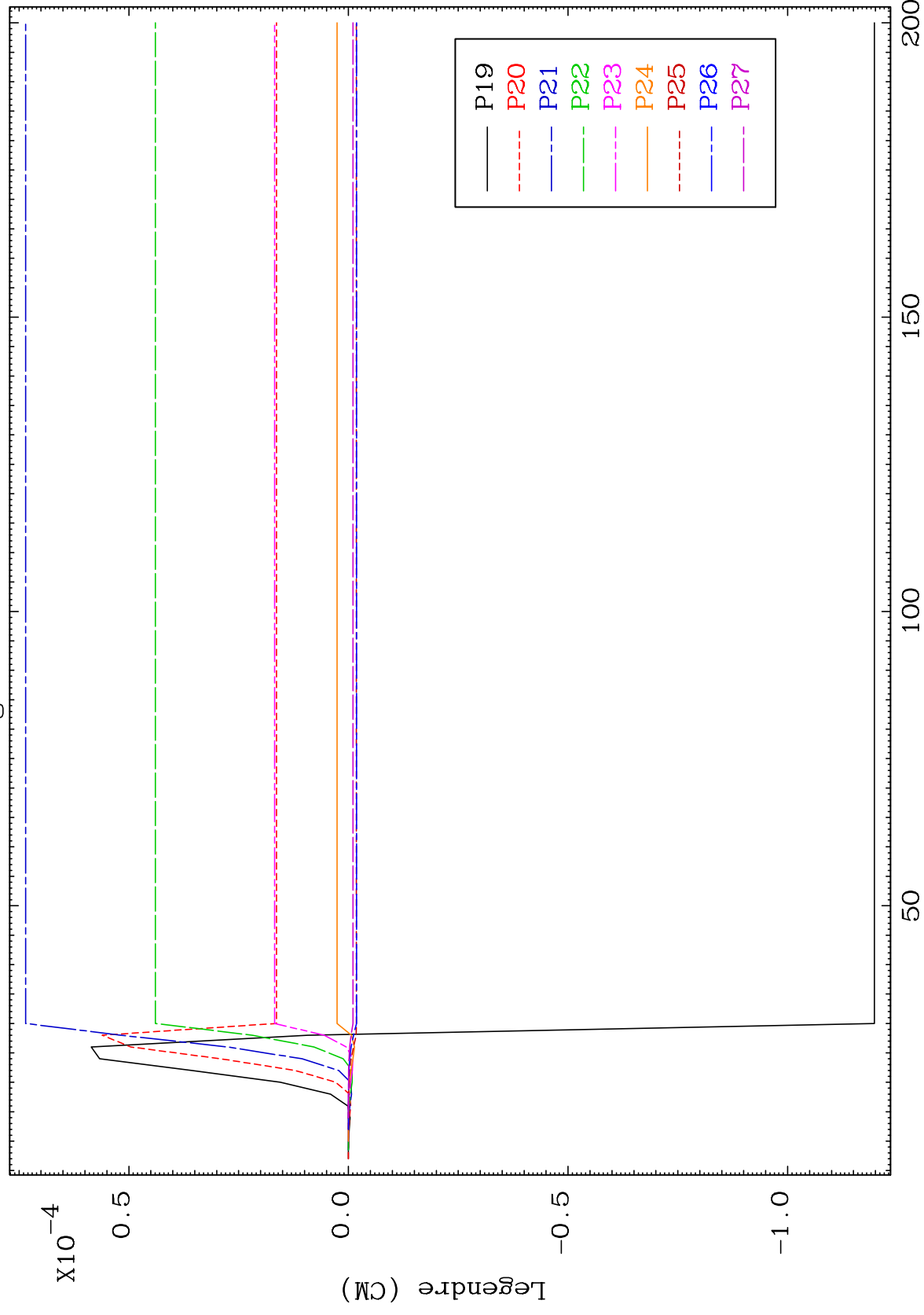
Incident Energy (MeV)

69-Tm-164

MAT 6910

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

69-Tm-164



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Incident Energy (MeV)

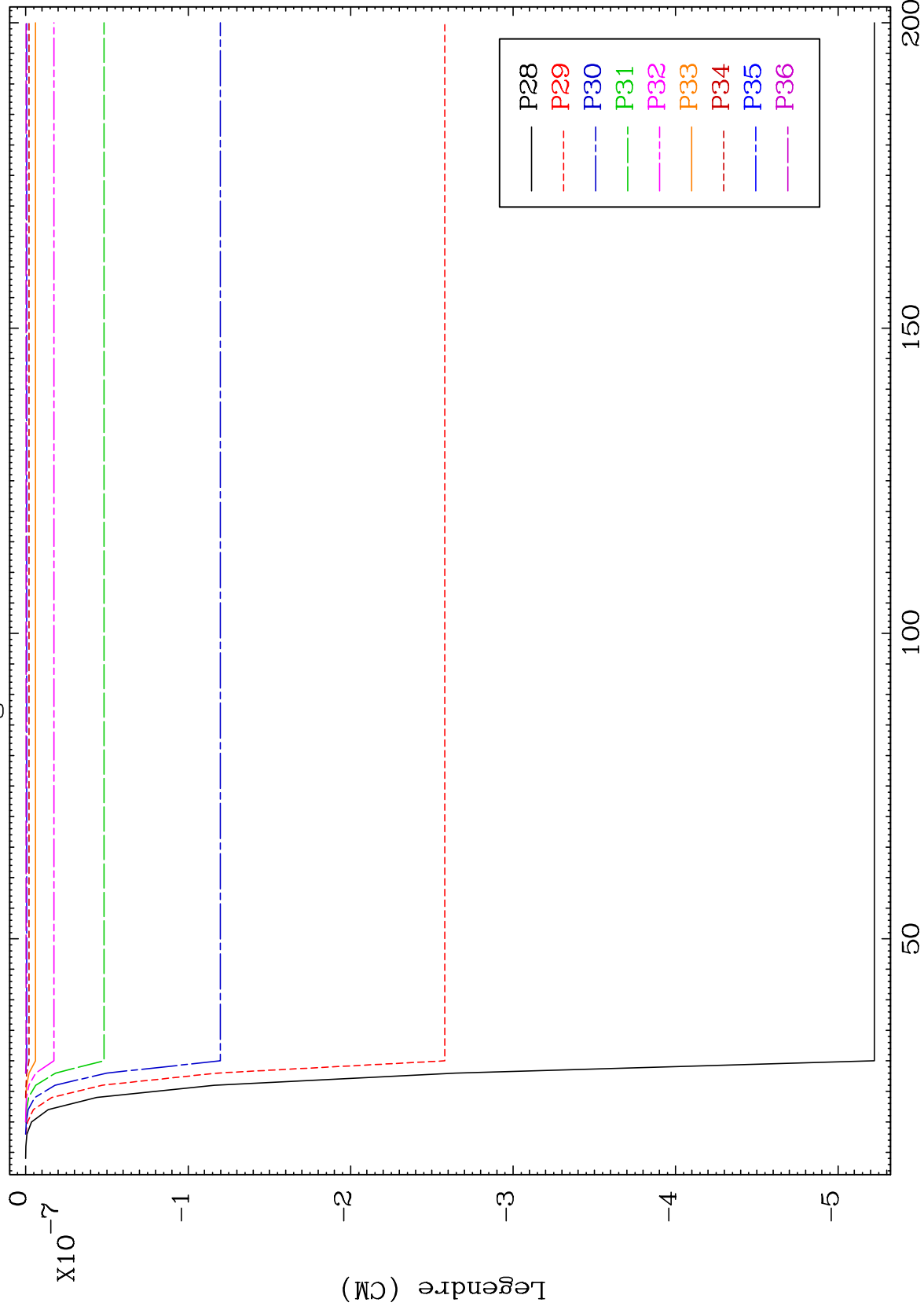
69-Tm-164

MAT 6910

MT= 66 (n,n') Level

69-Tm-164

Legendre Coefficients



69-Tm-164

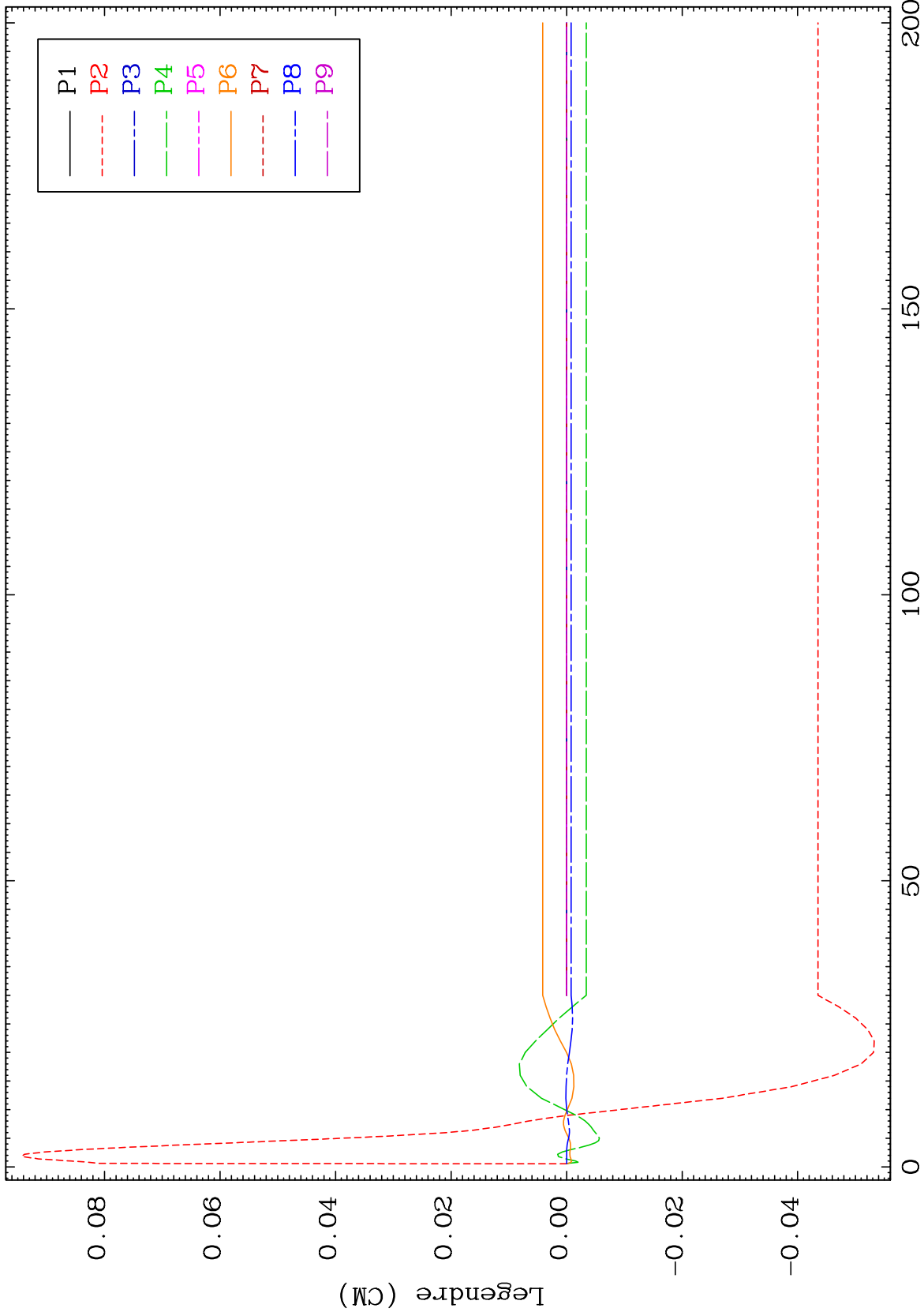
Incident Energy (MeV)

79

MAT 6910

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

69-Tm-164



69-Tm-164

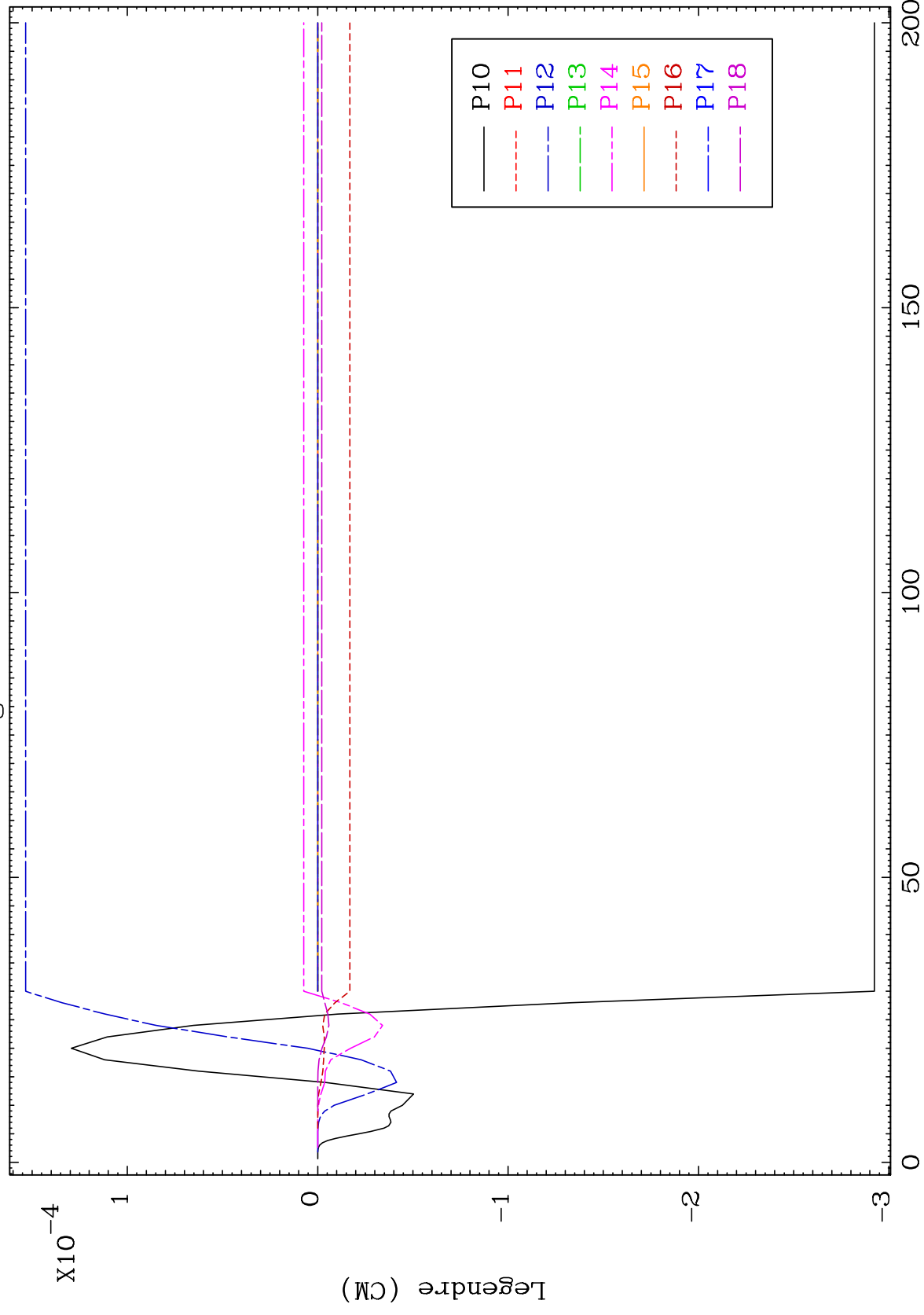
Incident Energy (MeV)

80

MAT 6910

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

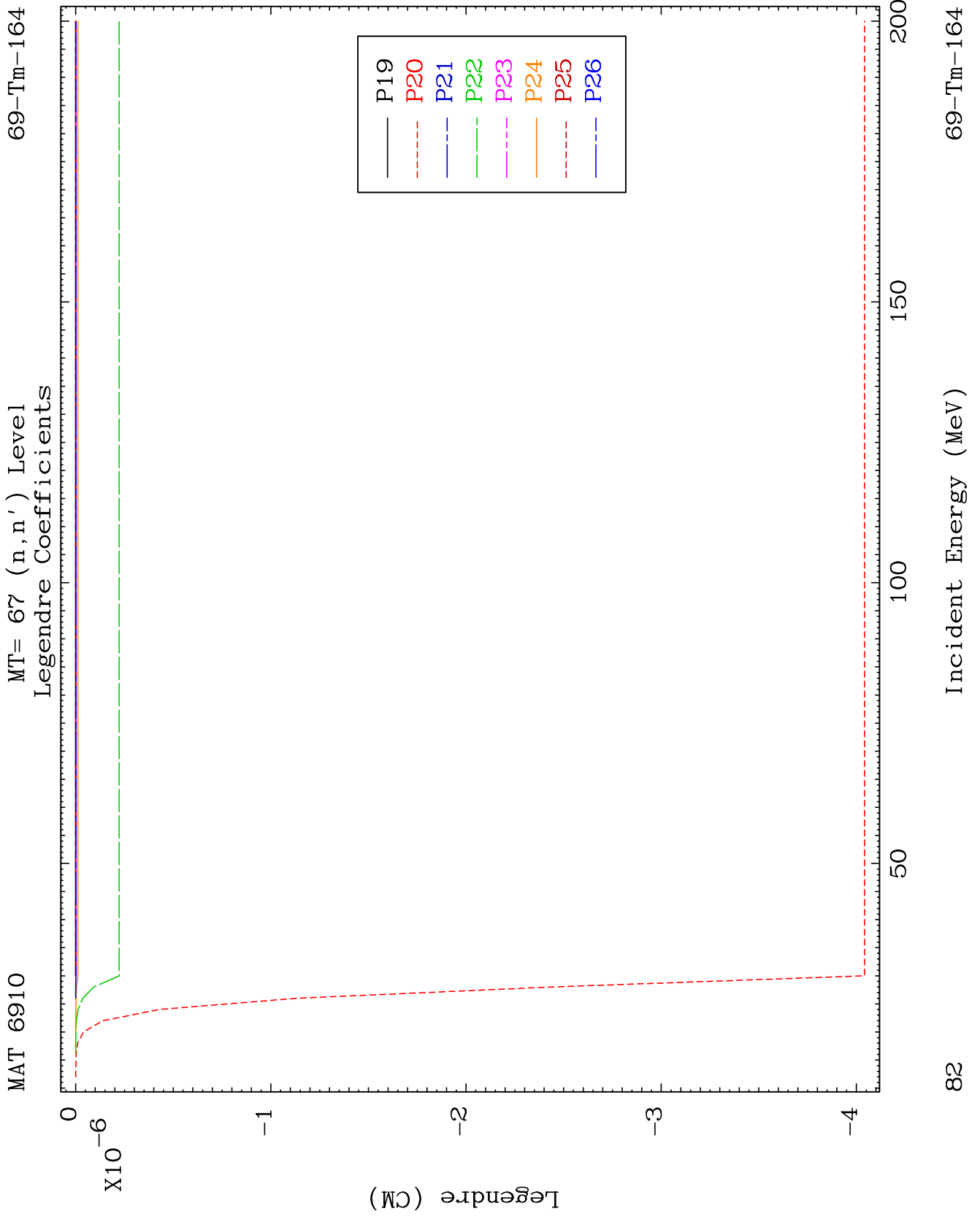
69-Tm-164

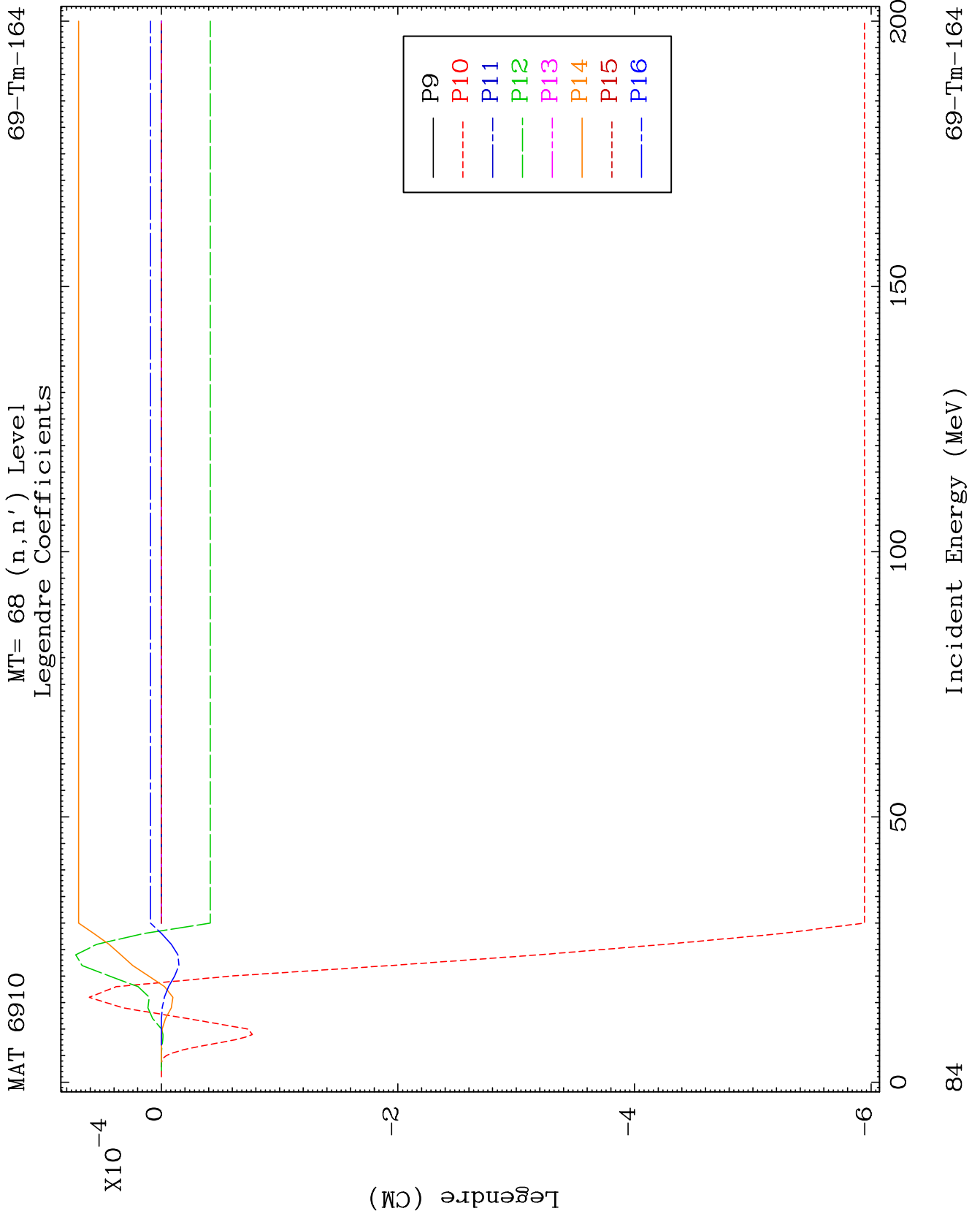


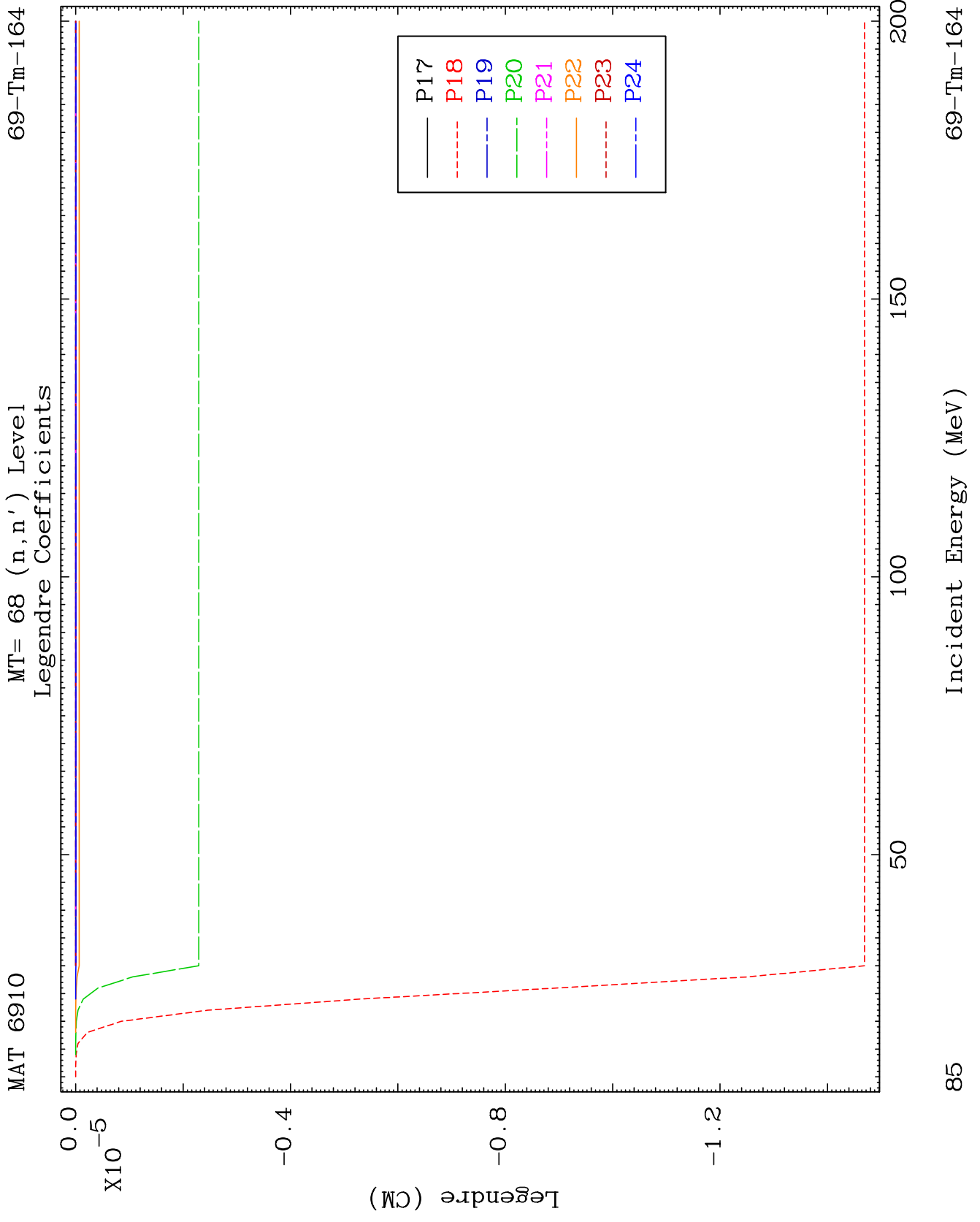
81

Incident Energy (MeV)

69-Tm-164



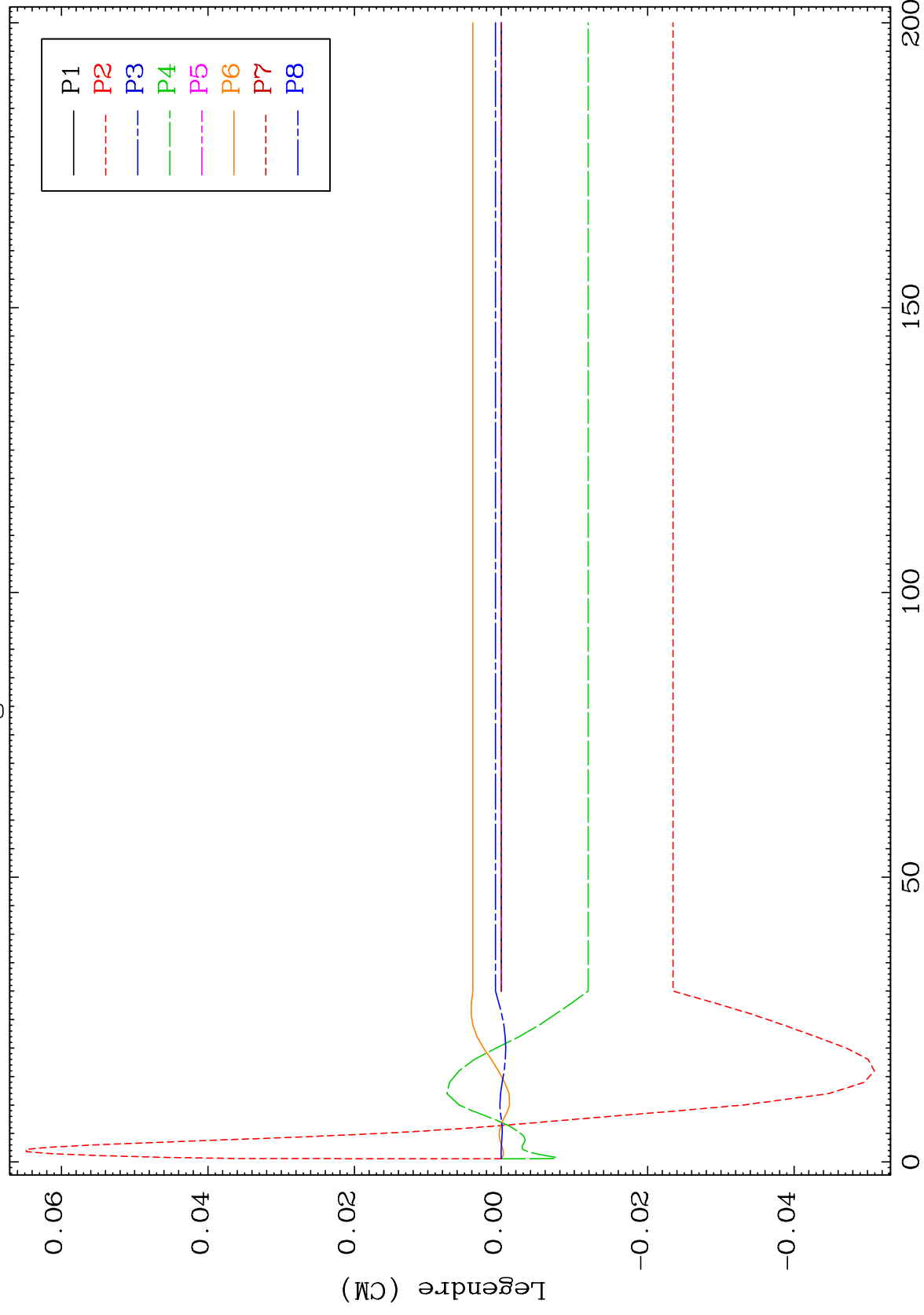




MAT 6910

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

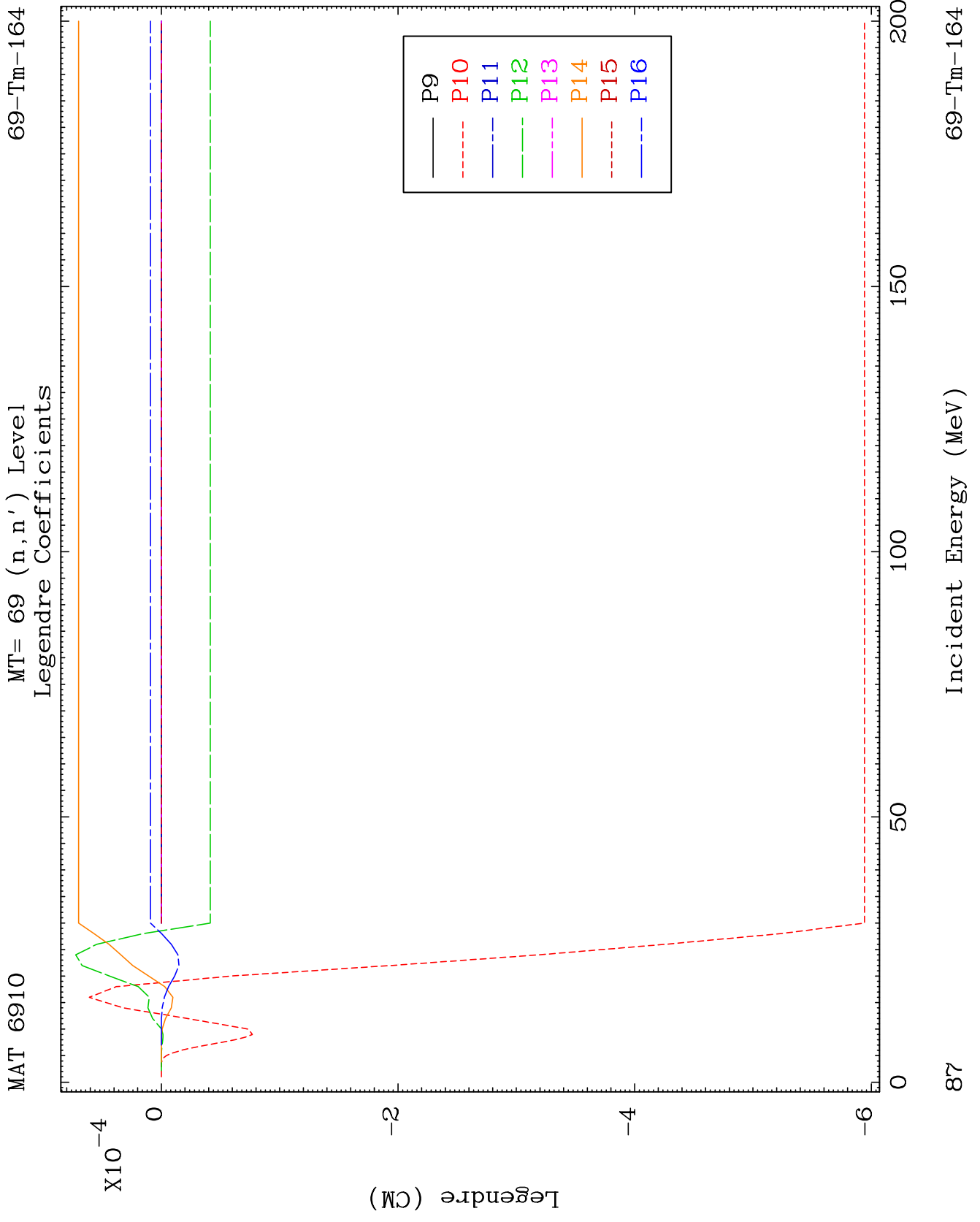
69-Tm-164

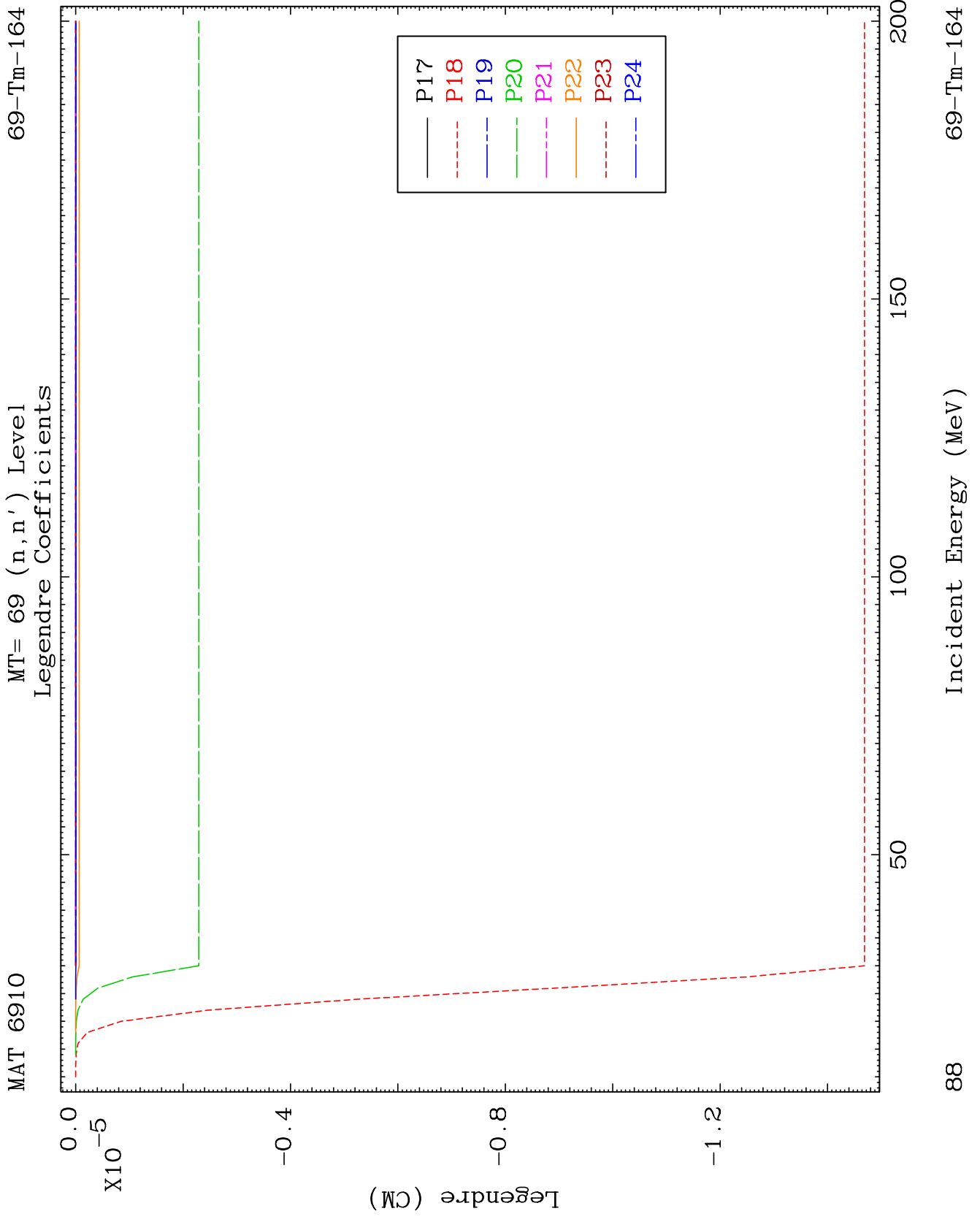


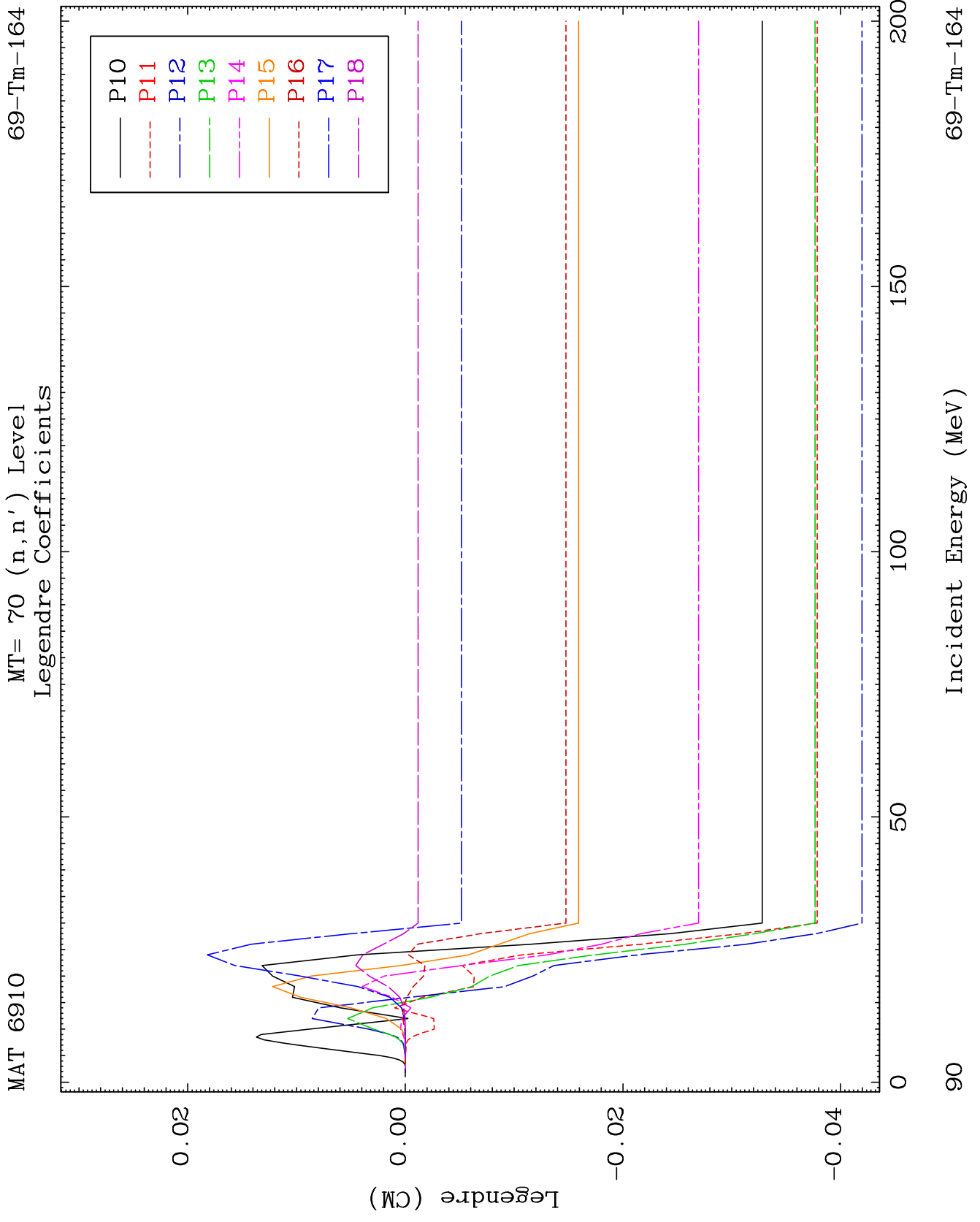
86

Incident Energy (MeV)

69-Tm-164



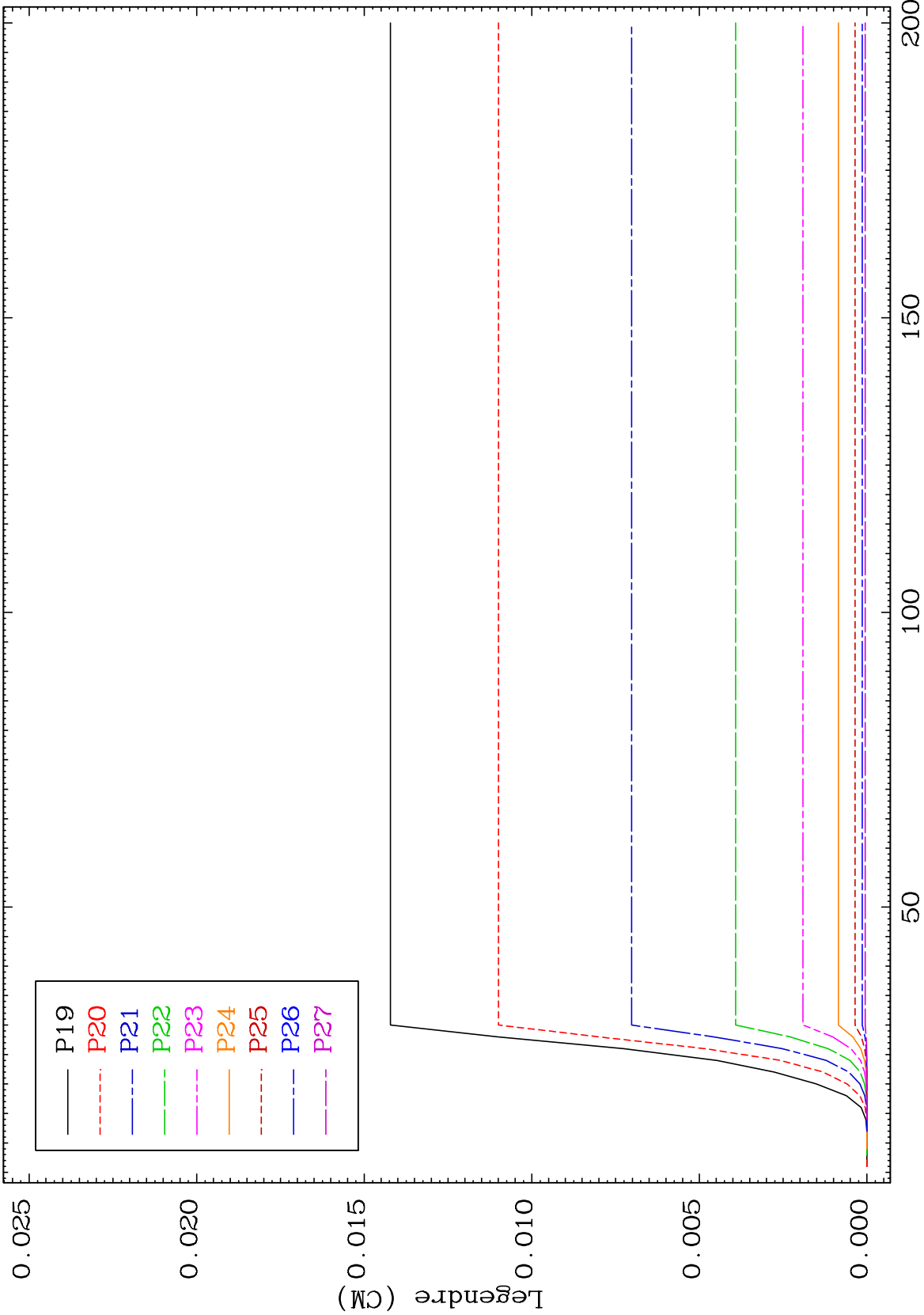




MAT 6910

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

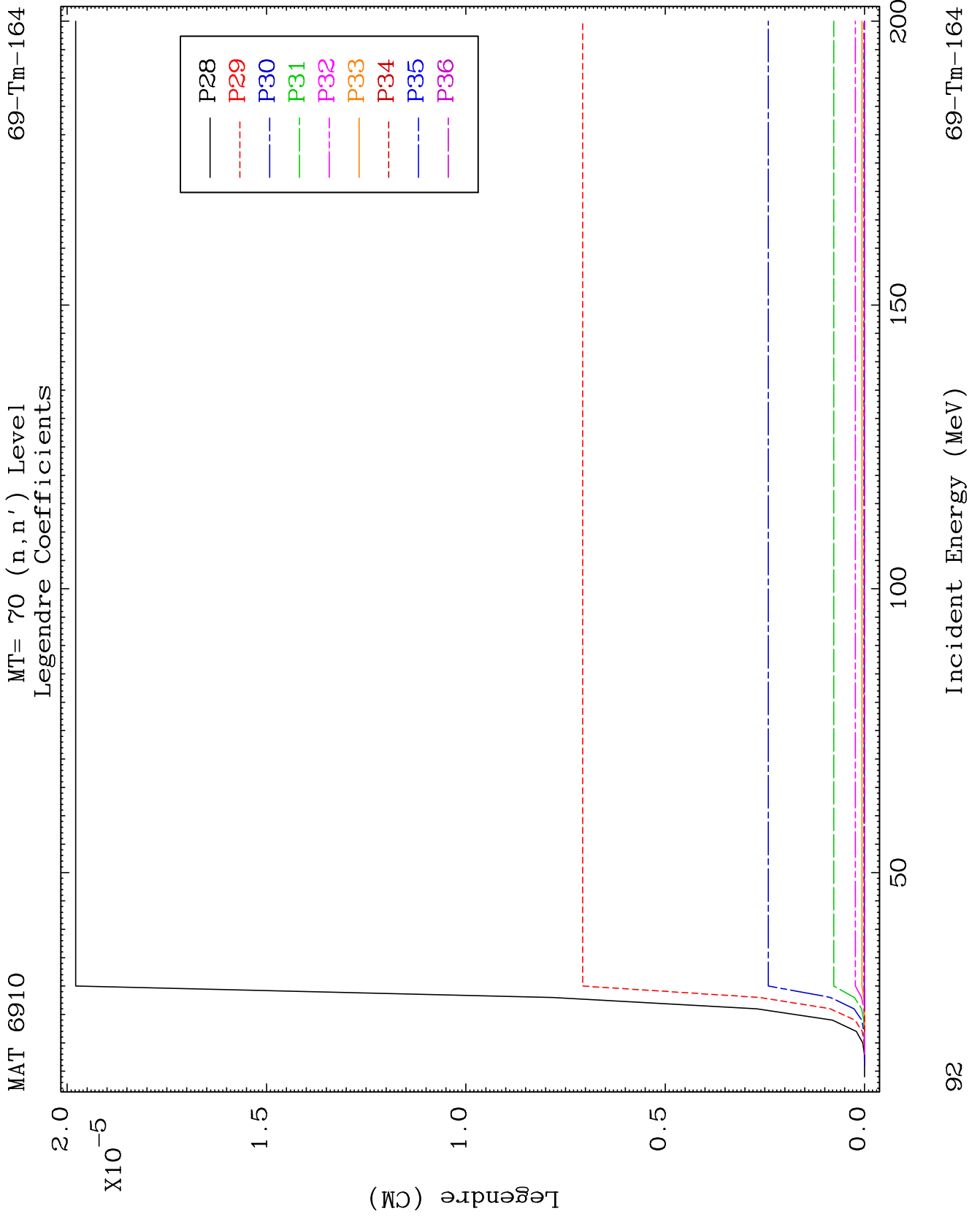
69-Tm-164

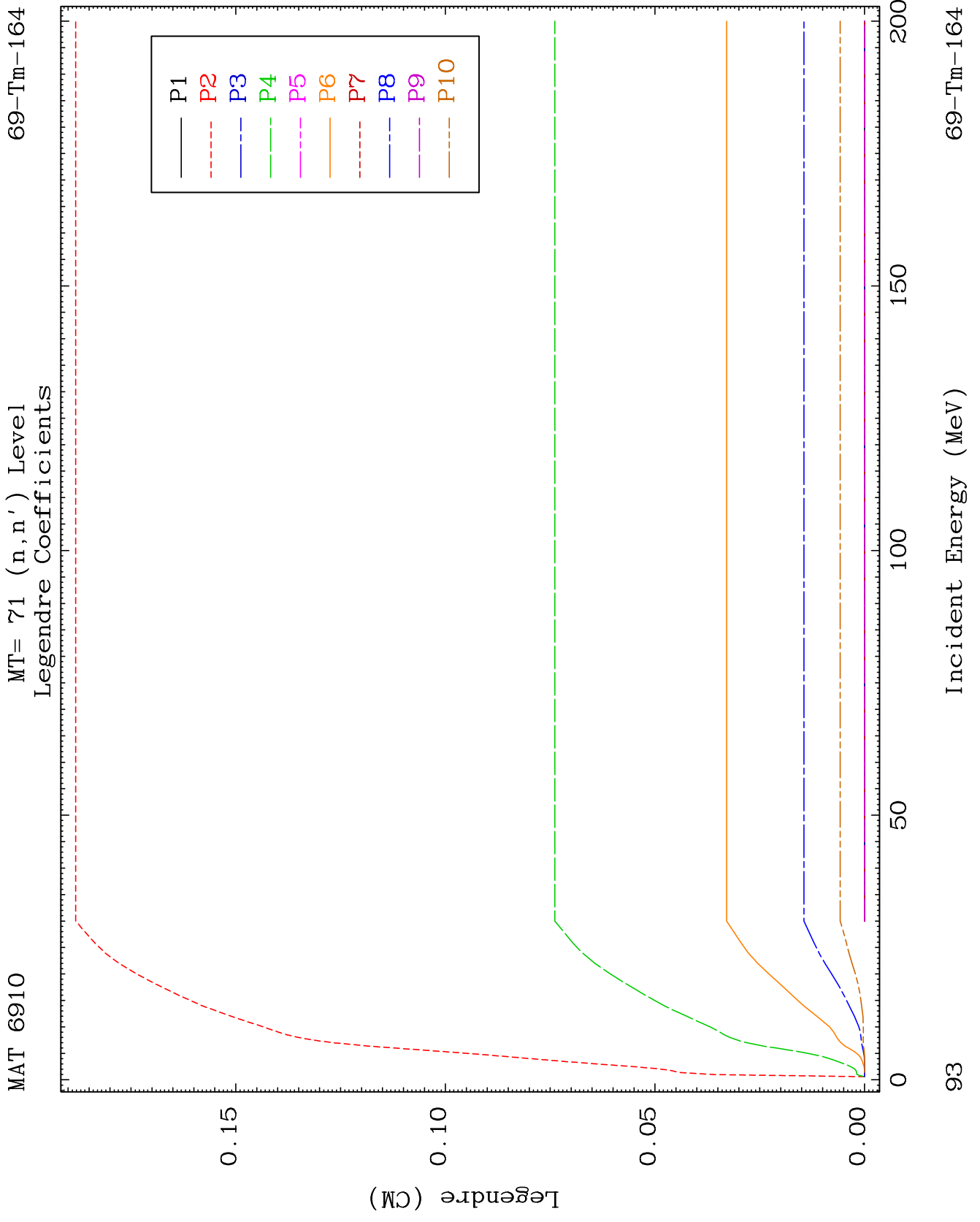


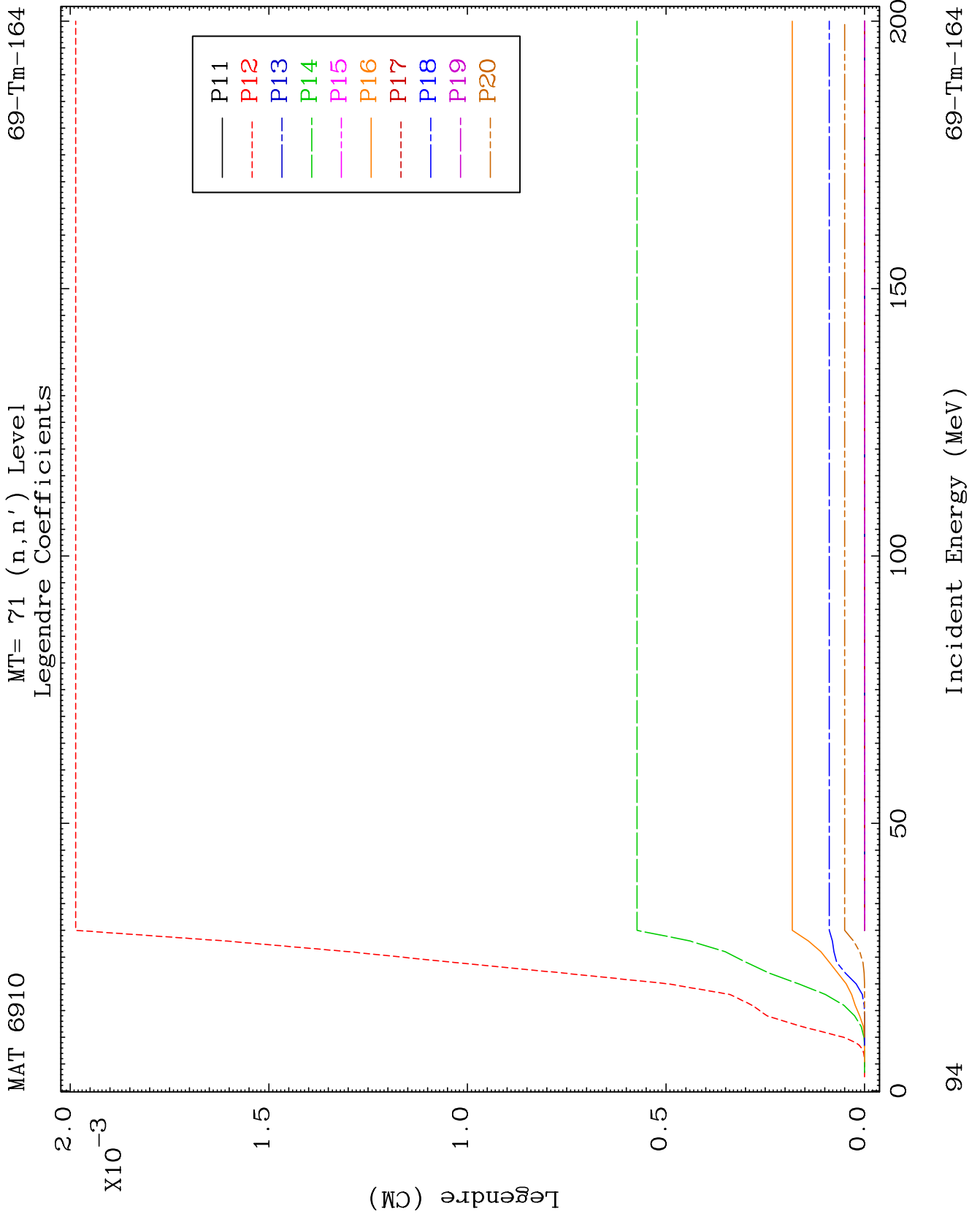
91

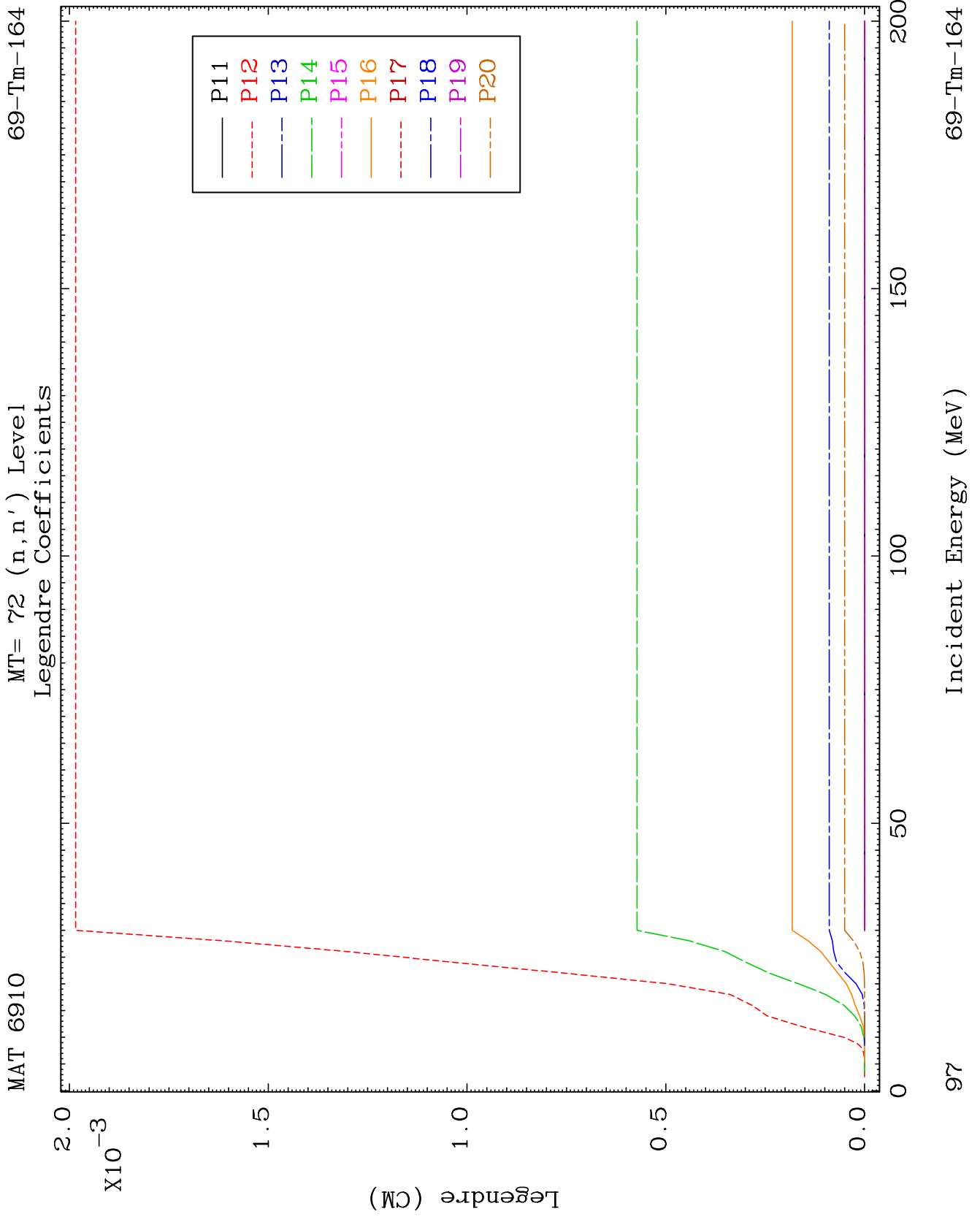
Incident Energy (MeV)

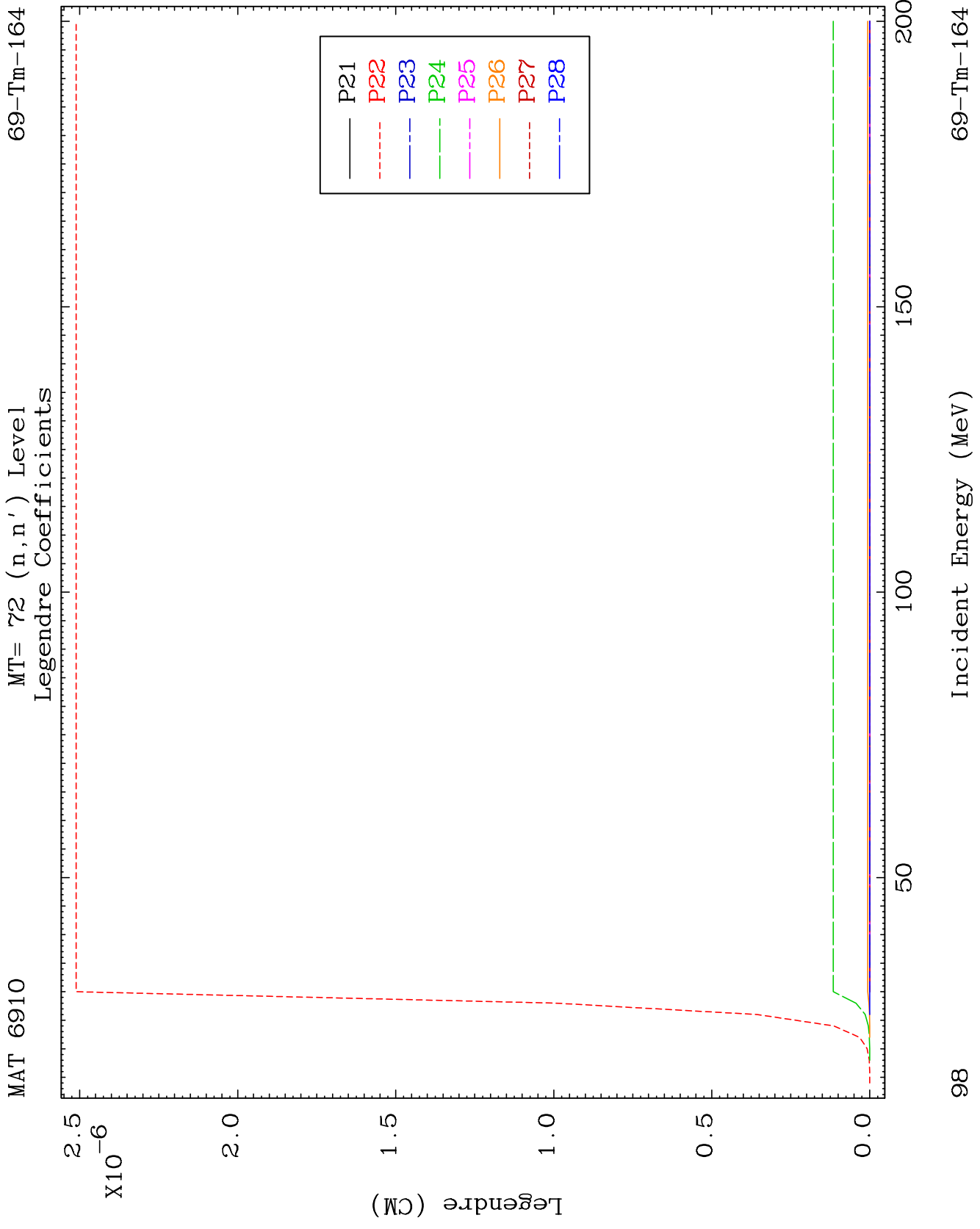
69-Tm-164

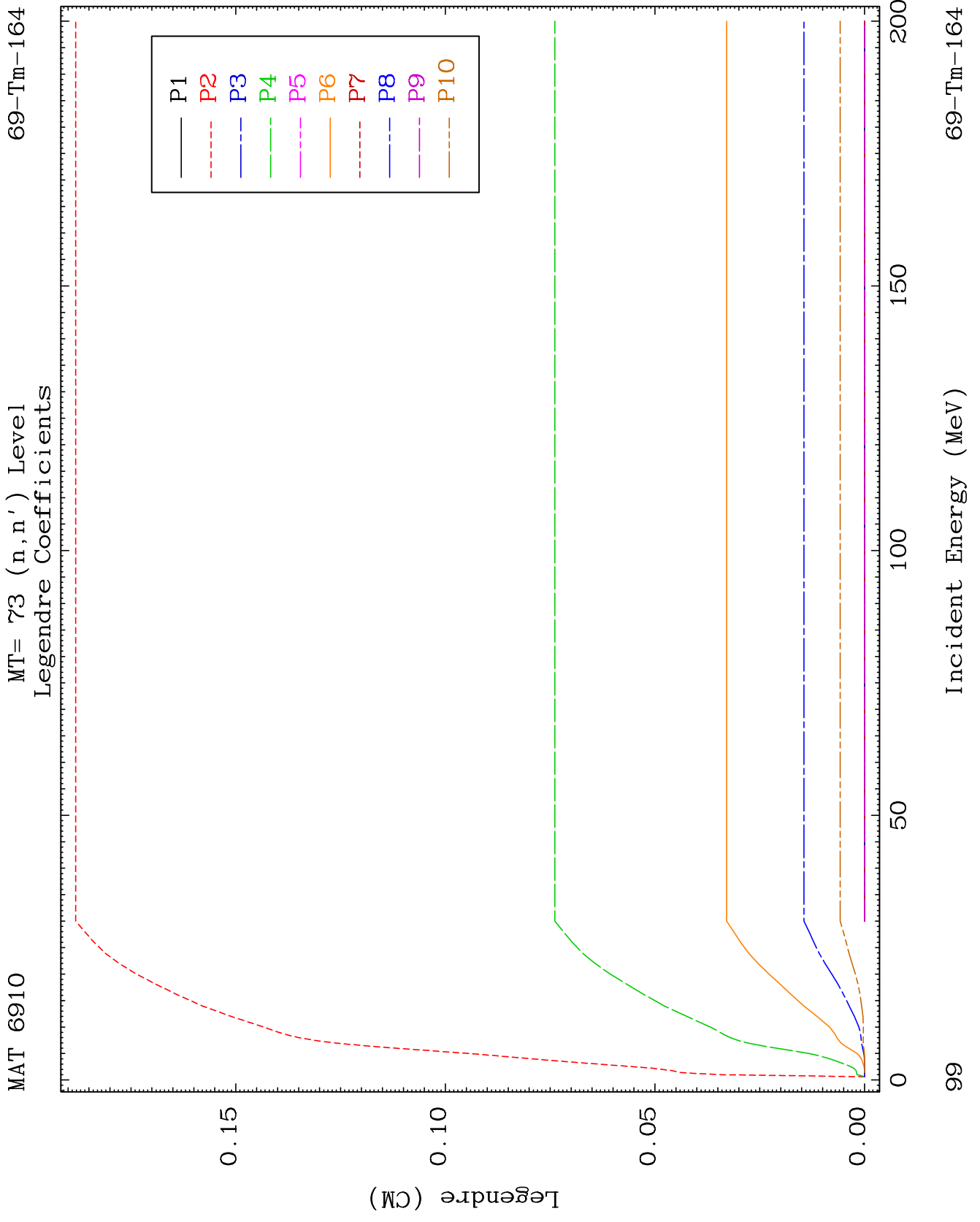


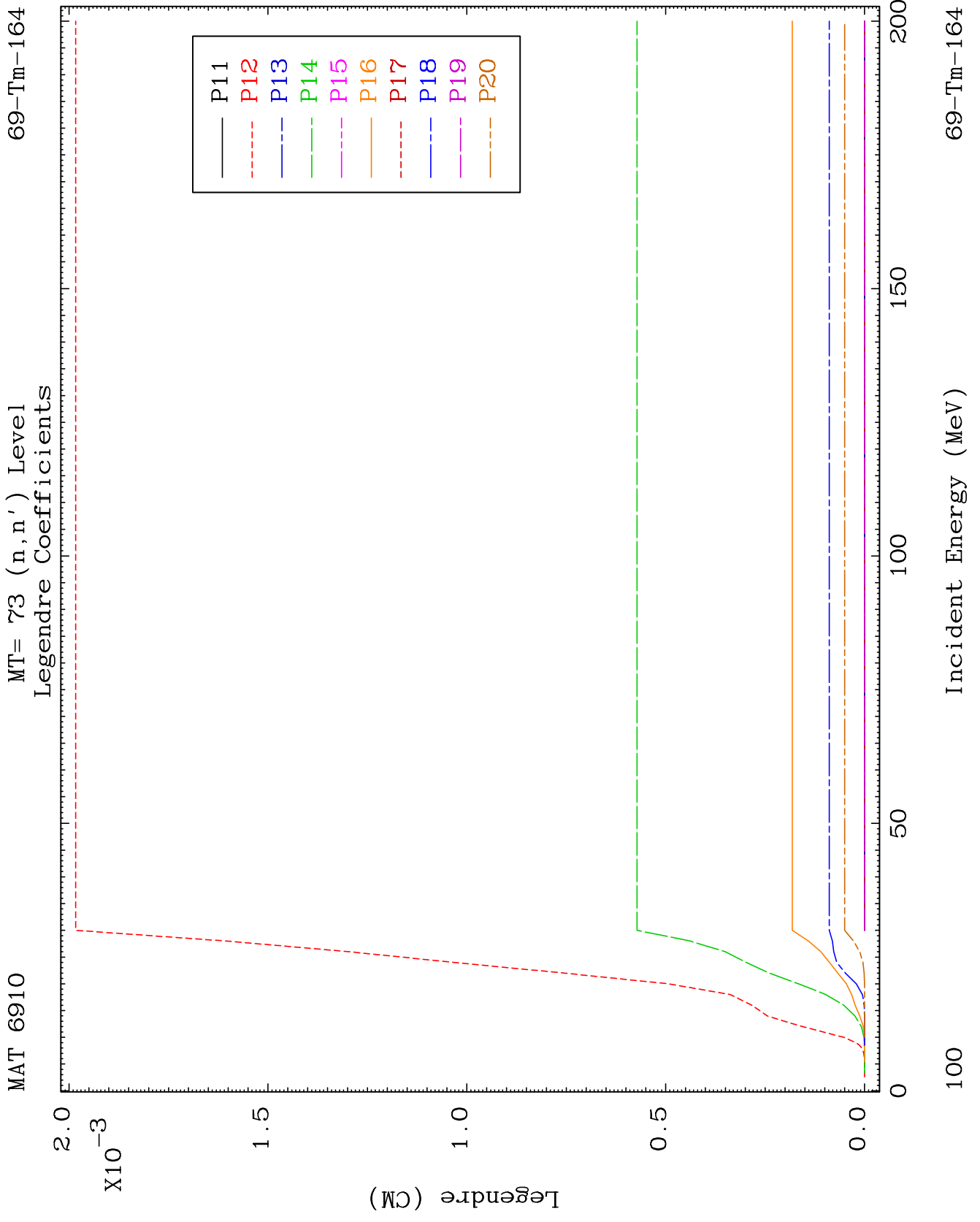


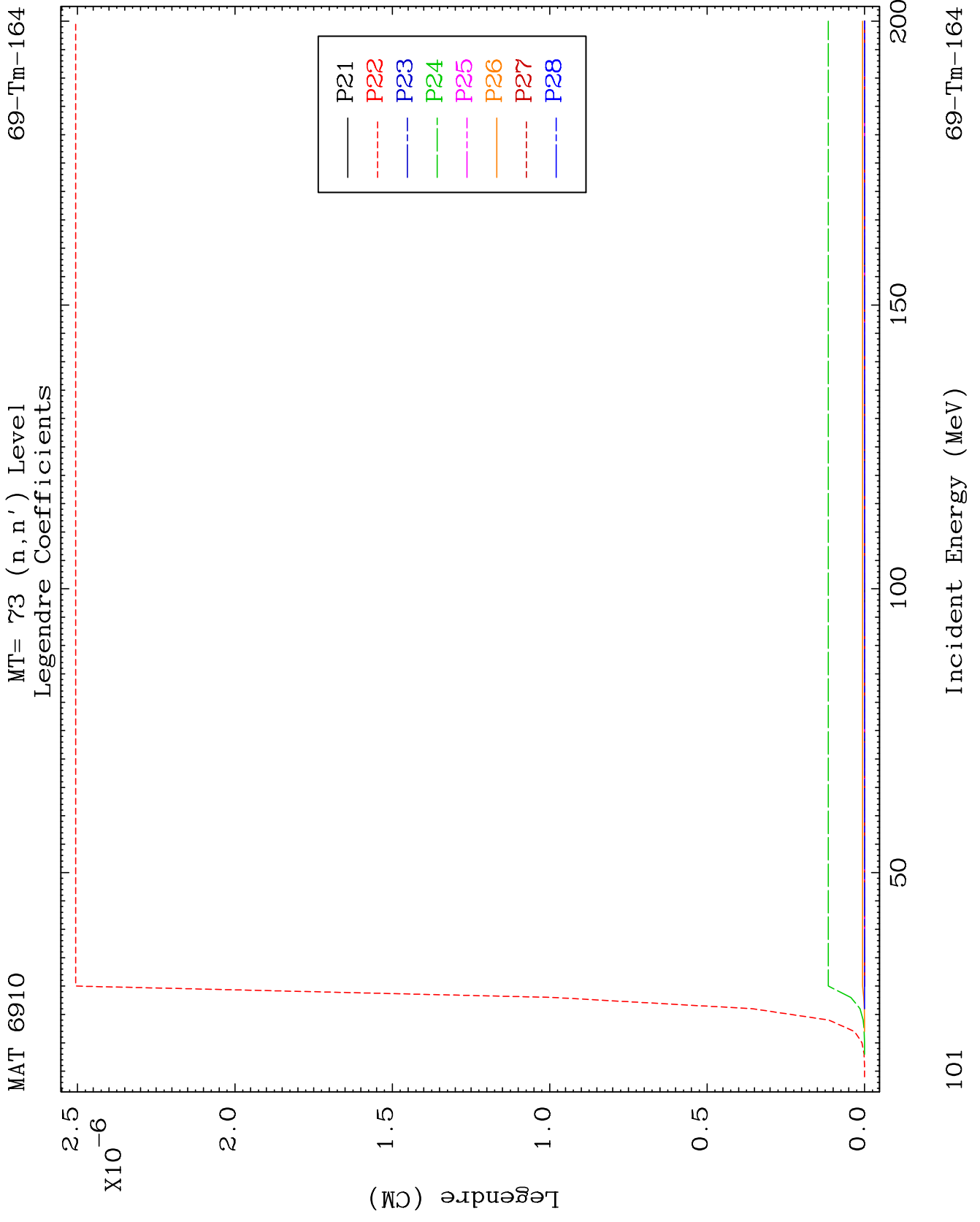


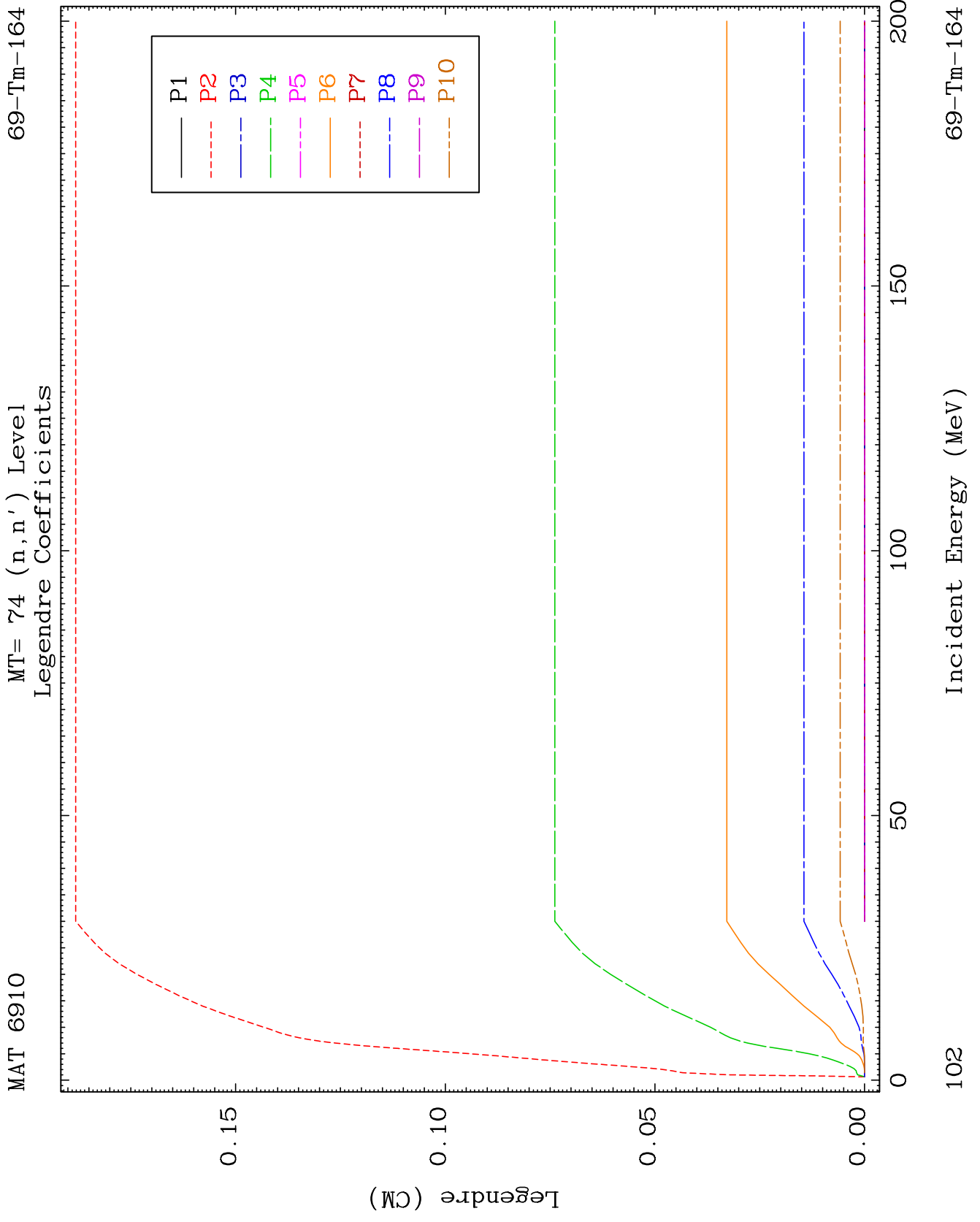


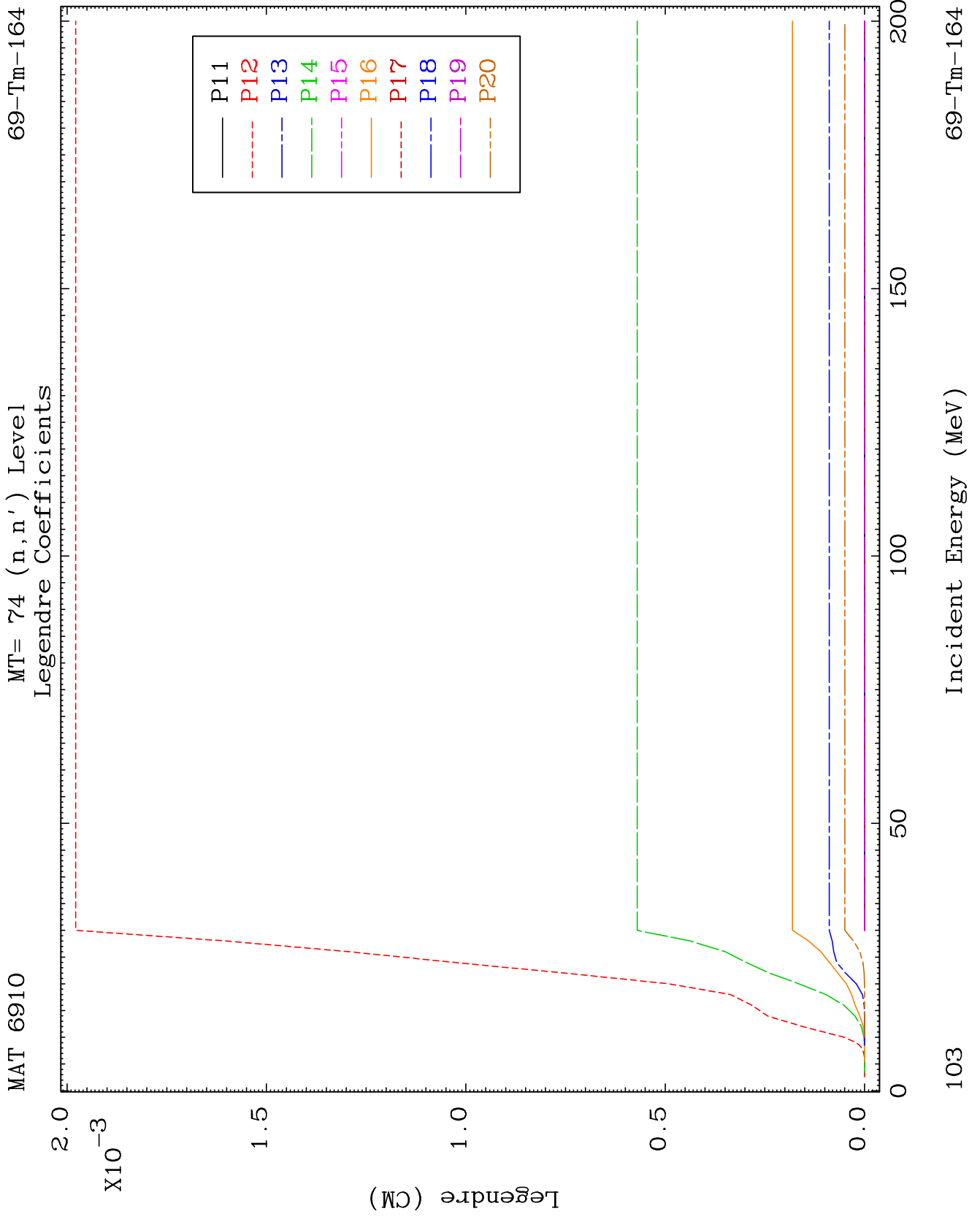


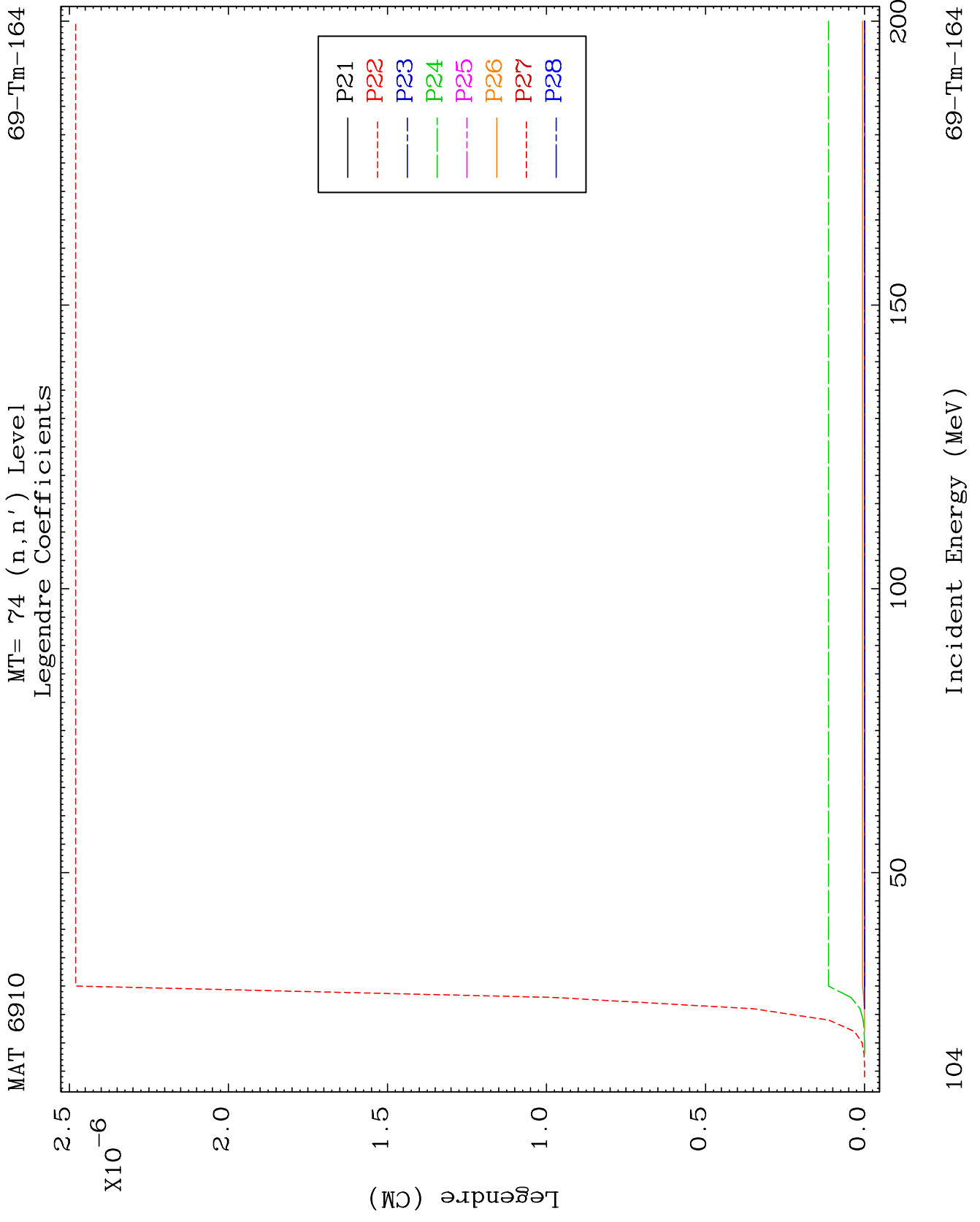








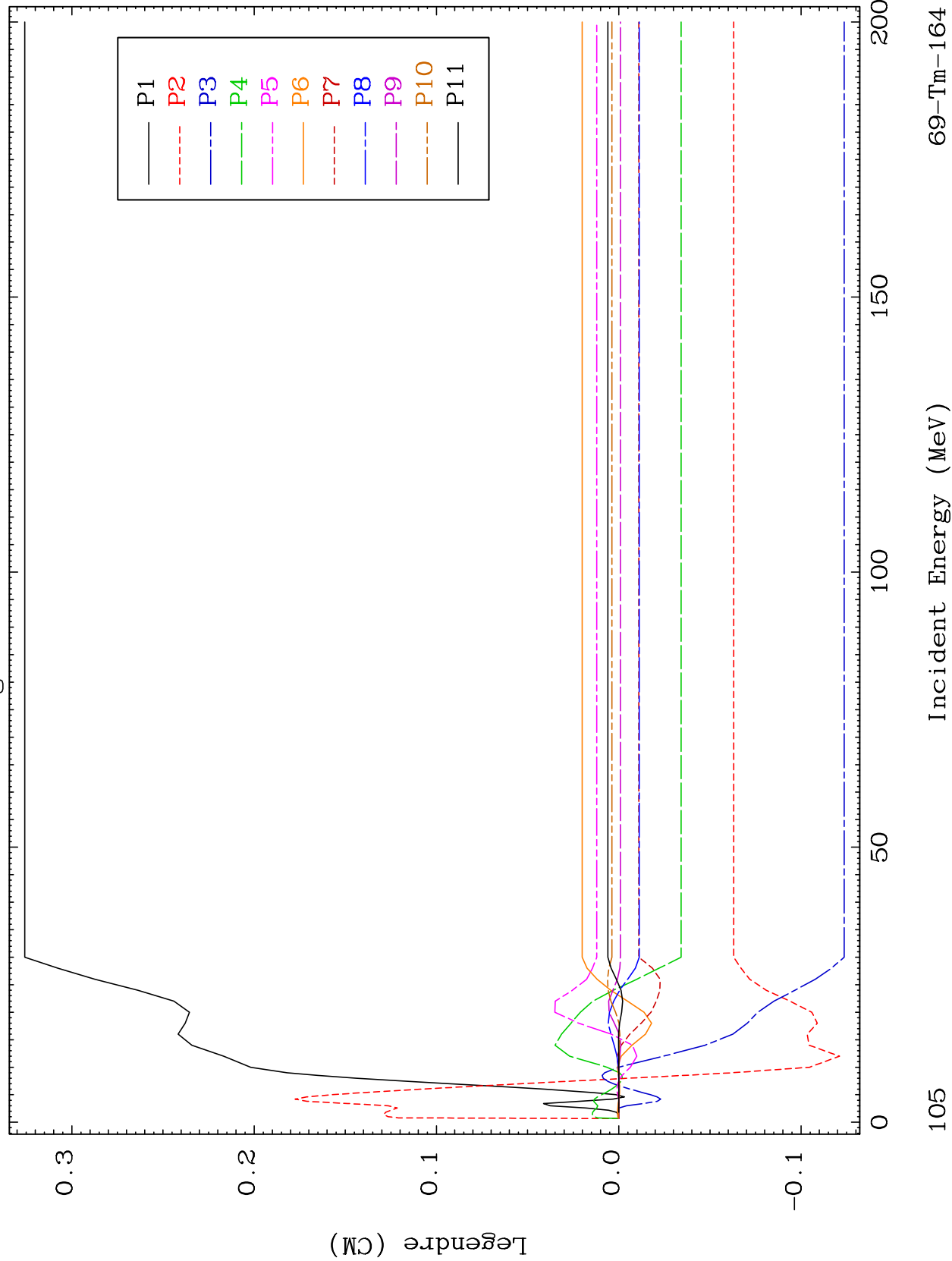




MAT 6910

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

69-Tm-164



69-Tm-164

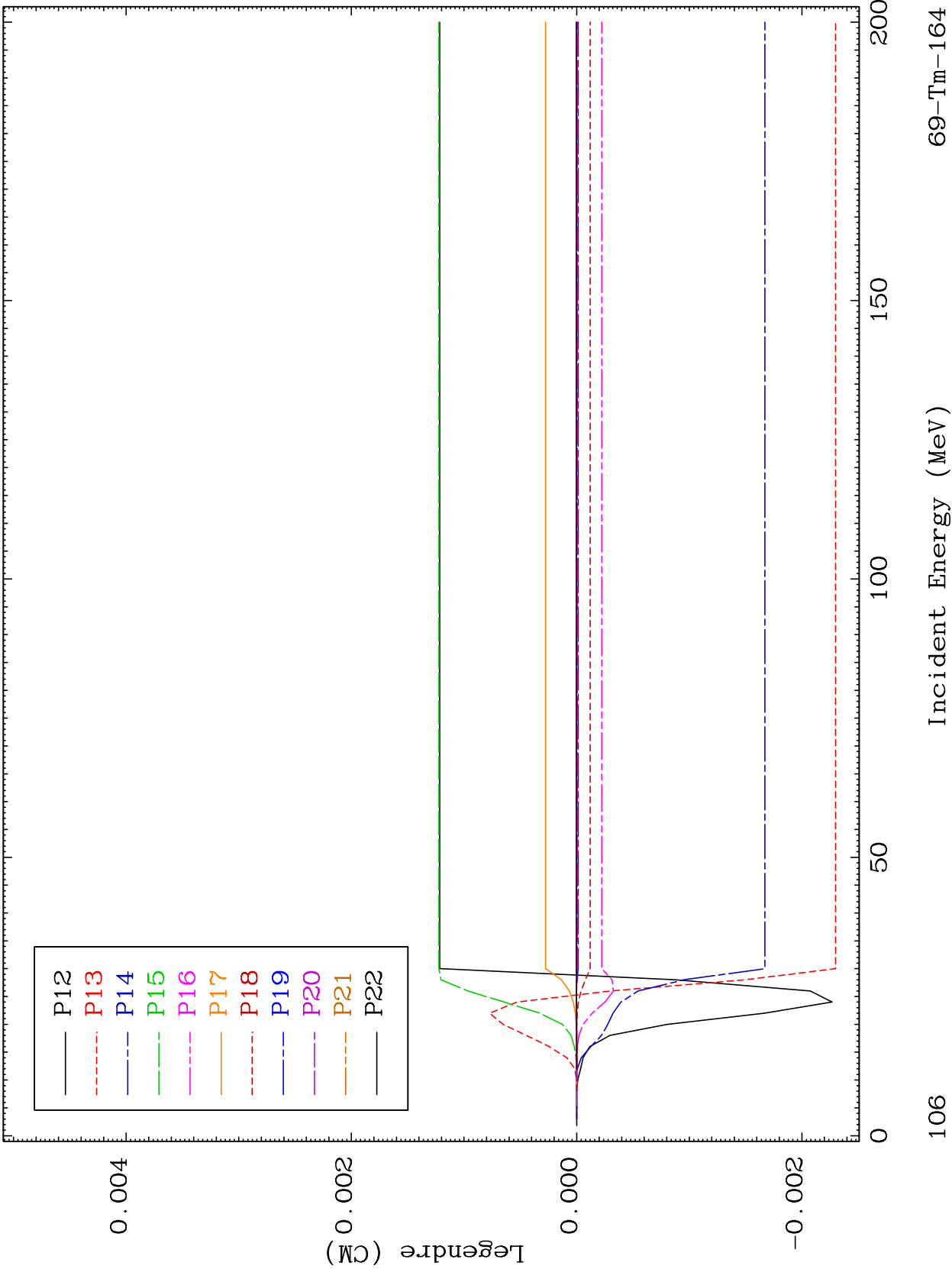
Incident Energy (MeV)

105

MAT 6910

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

69-Tm-164



106

Incident Energy (MeV)

69-Tm-164

MAT 6910

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

69-Tm-164



107

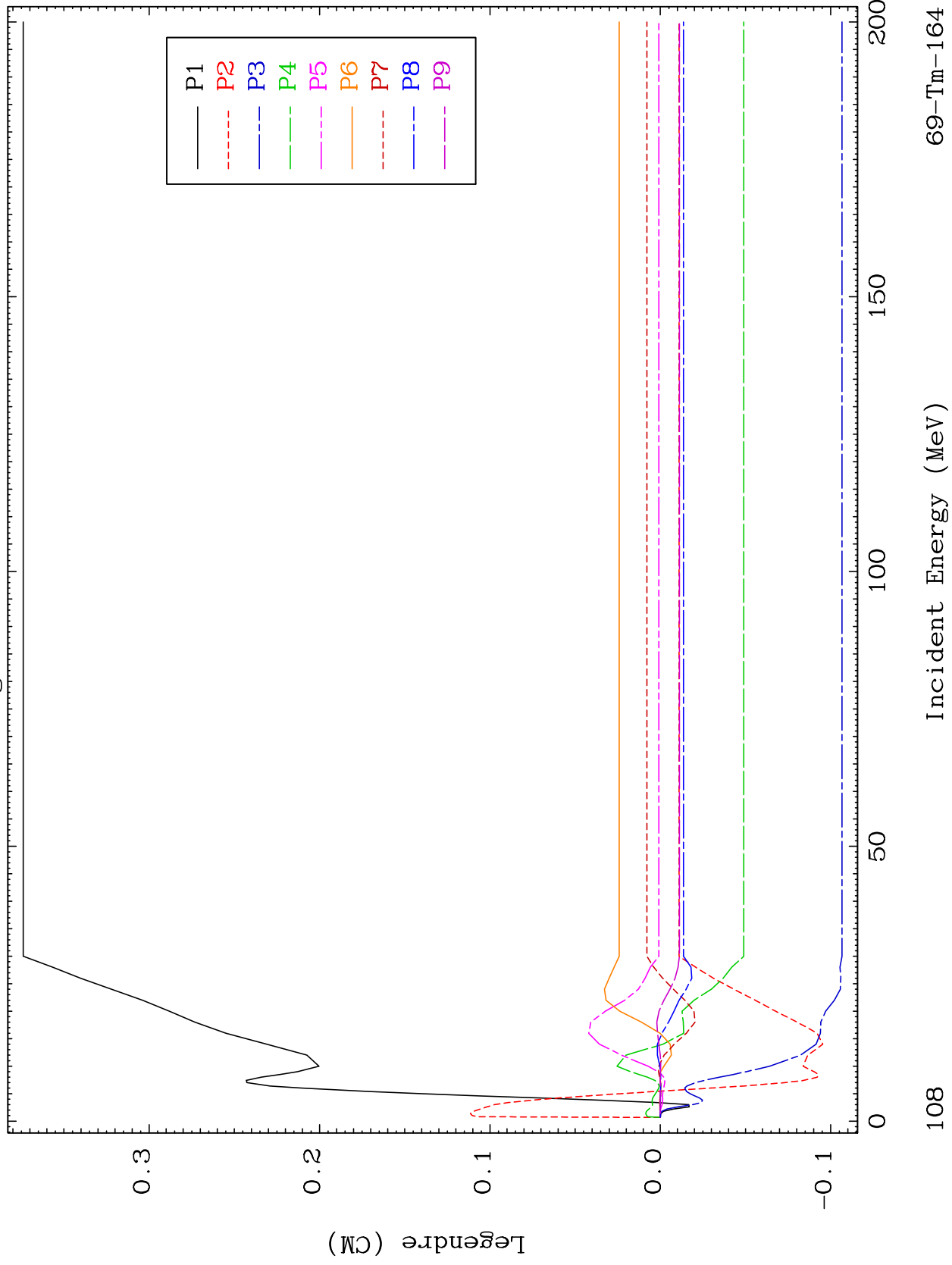
Incident Energy (MeV)

69-Tm-164

MAT 6910

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

69-Tm-164



69-Tm-164

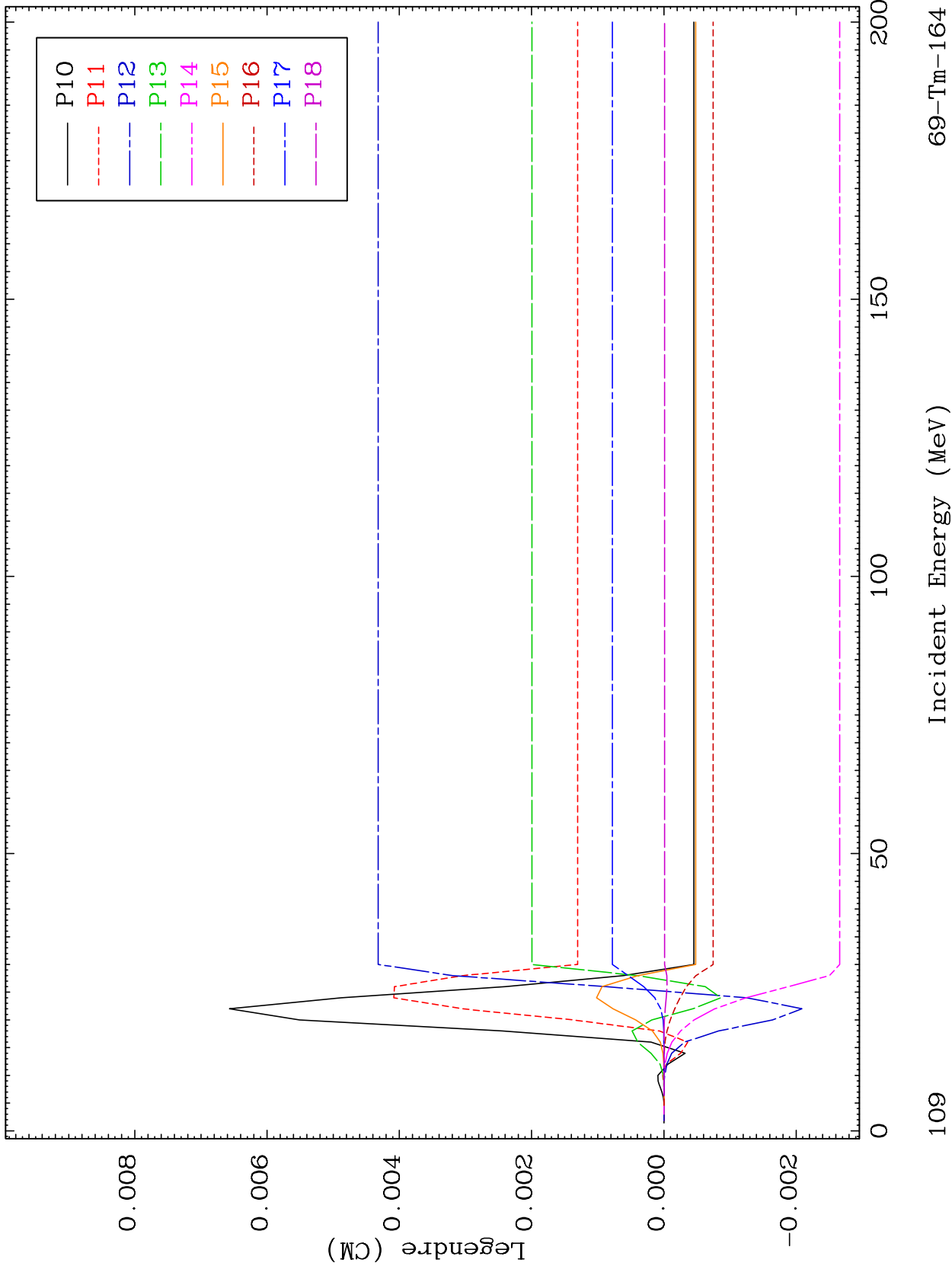
Incident Energy (MeV)

108

MAT 6910

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

69-Tm-164



69-Tm-164

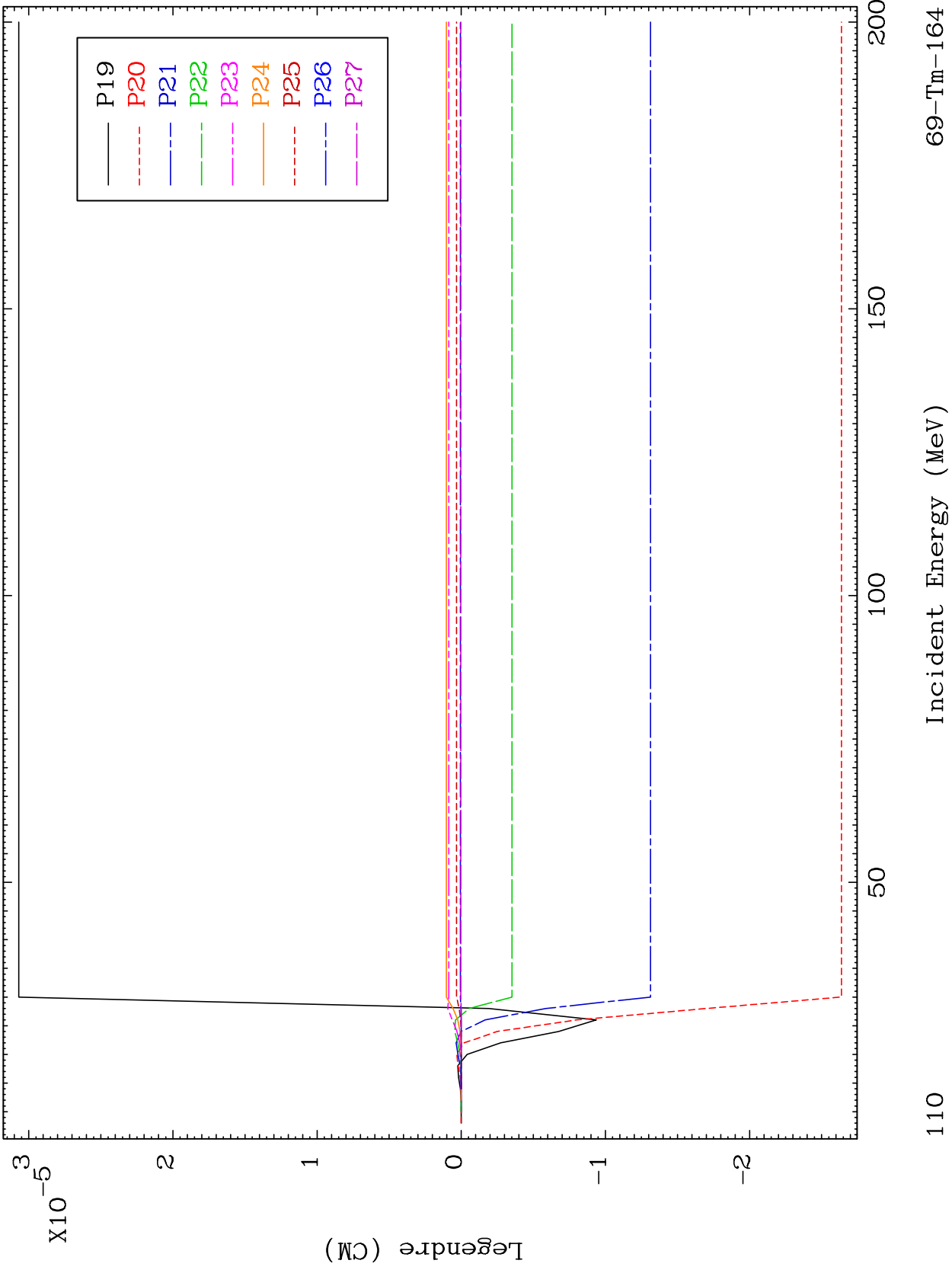
Incident Energy (MeV)

109

MAT 6910

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

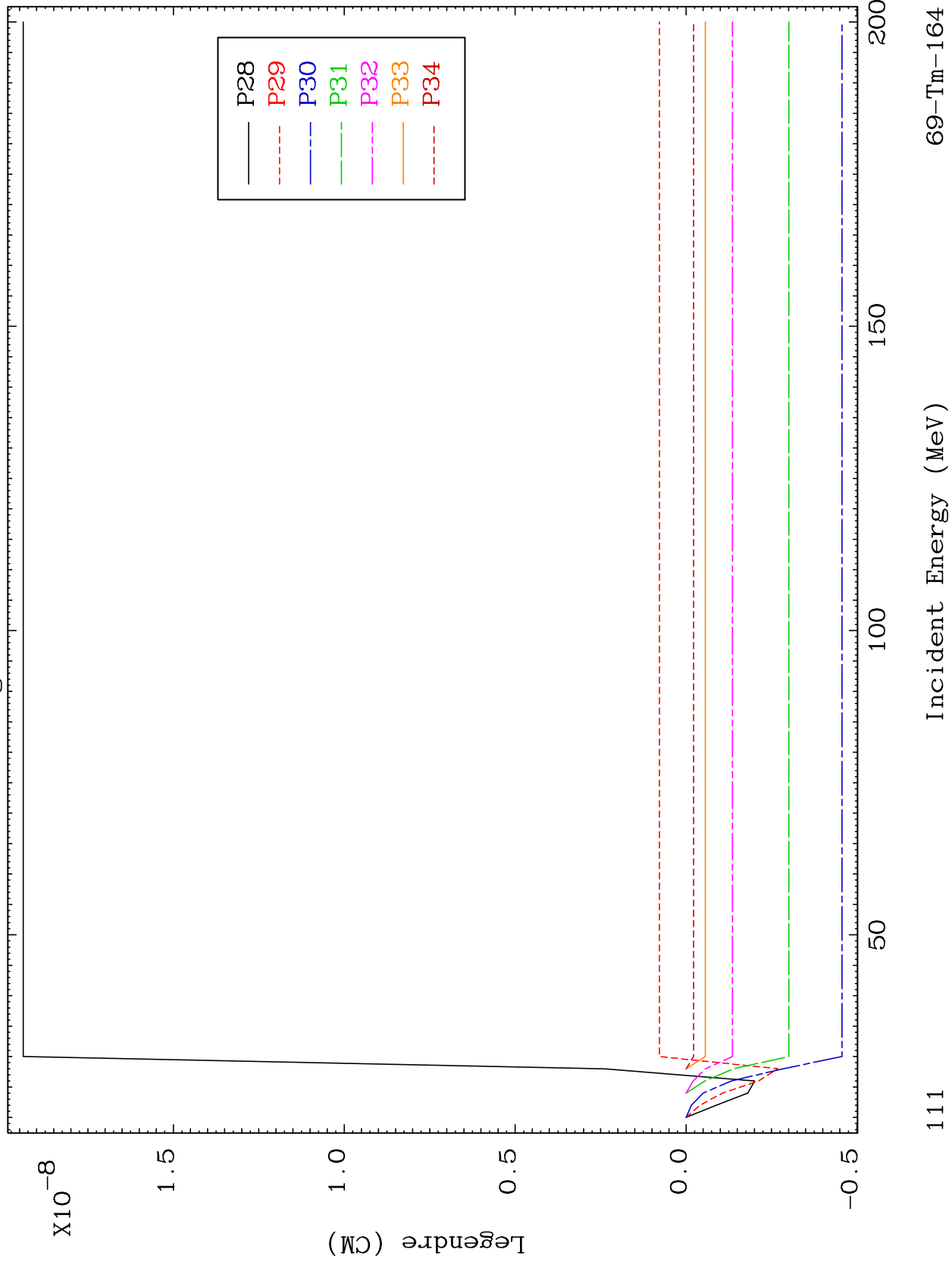
69-Tm-164

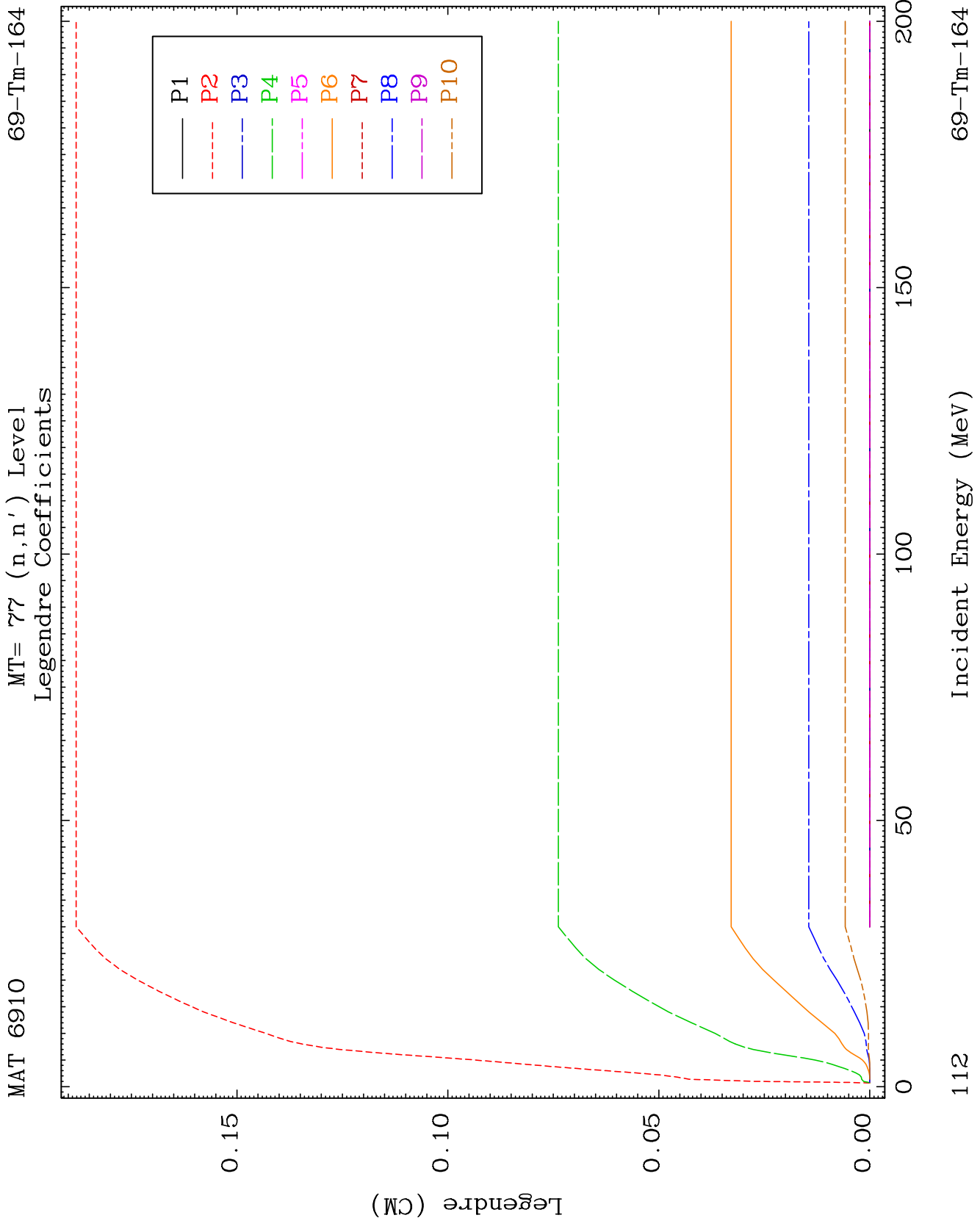


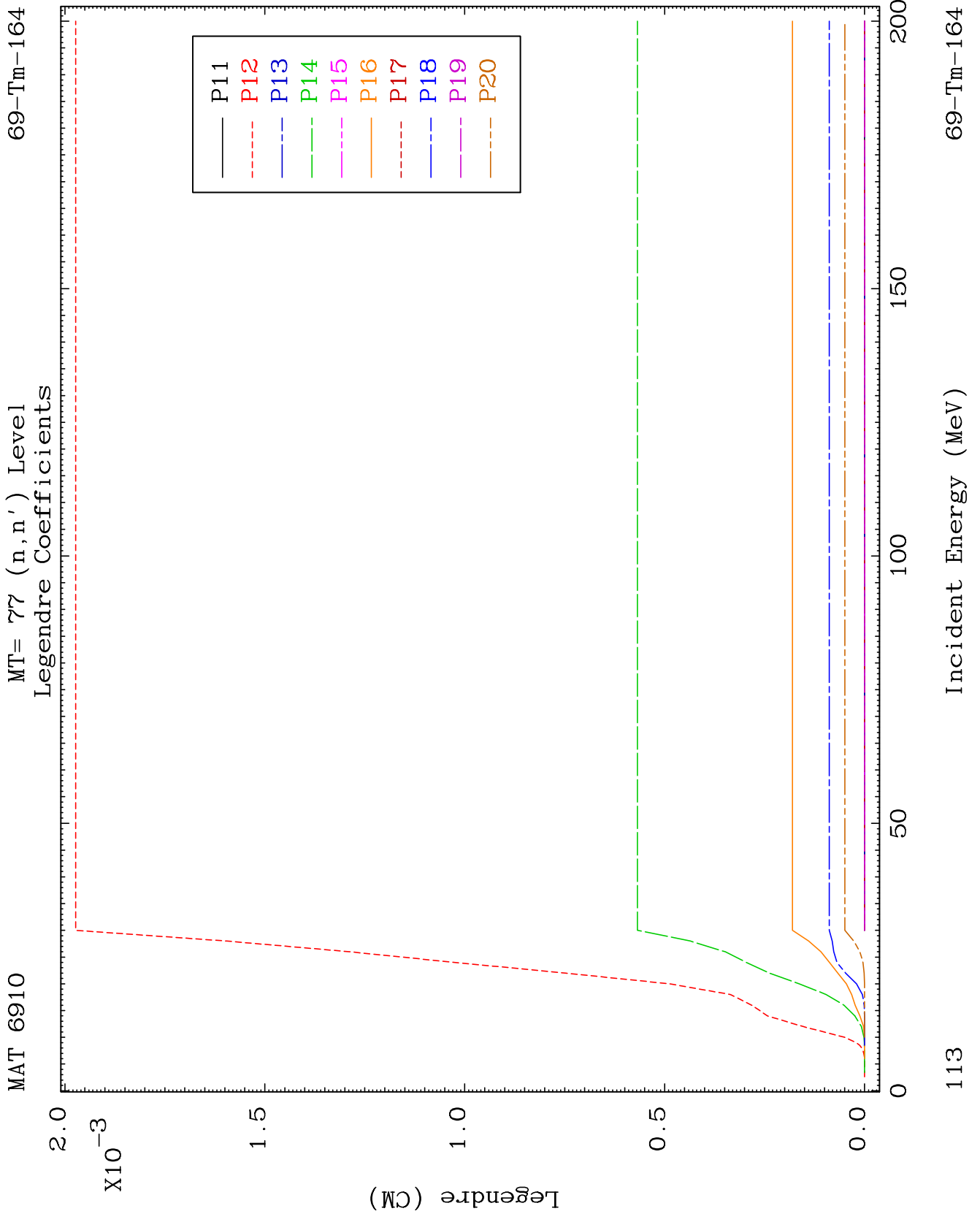
MAT 6910

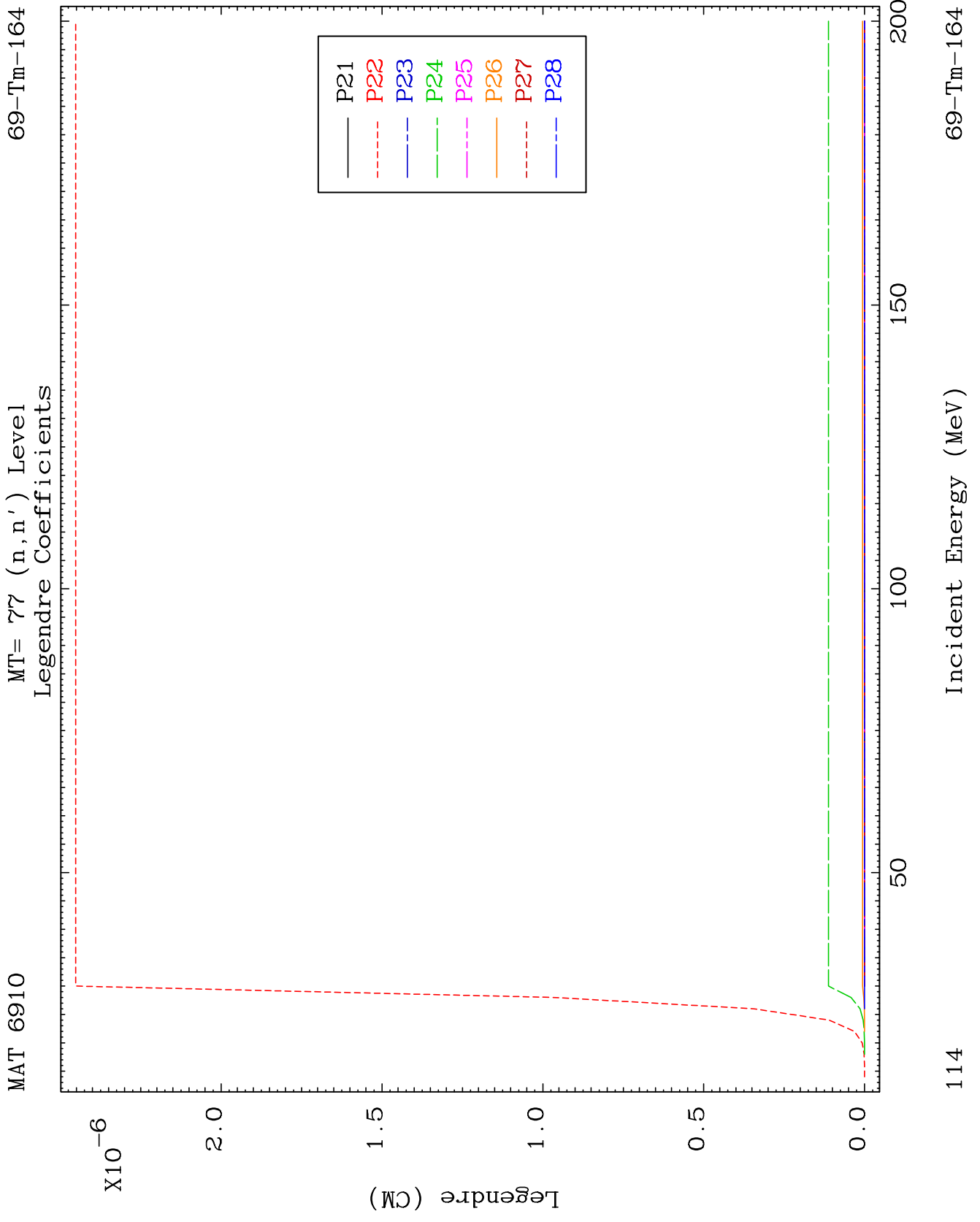
MT= 76 (n,n') Level
Legendre Coefficients

69-Tm-164





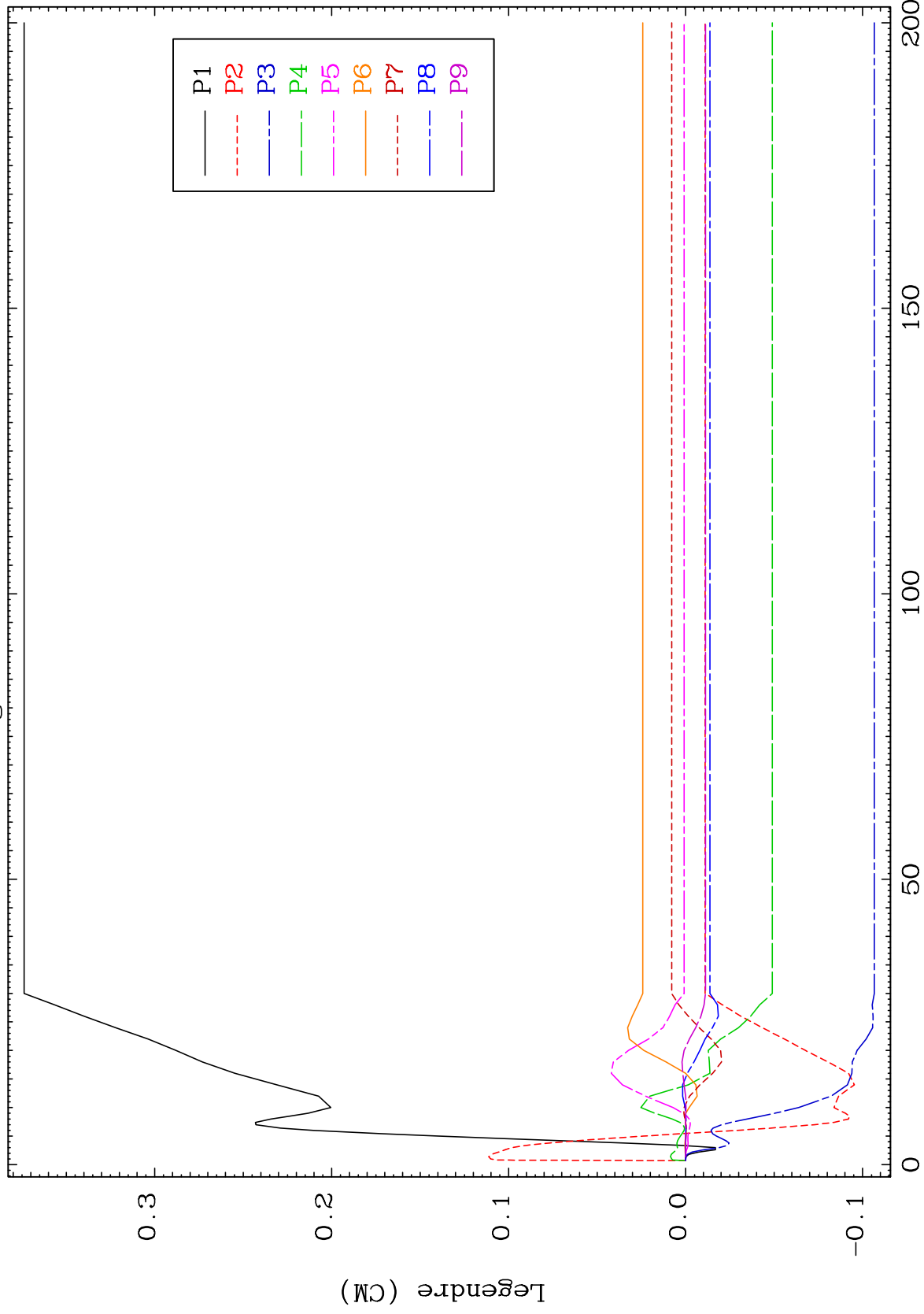




MAT 6910

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

69-Tm-164



115

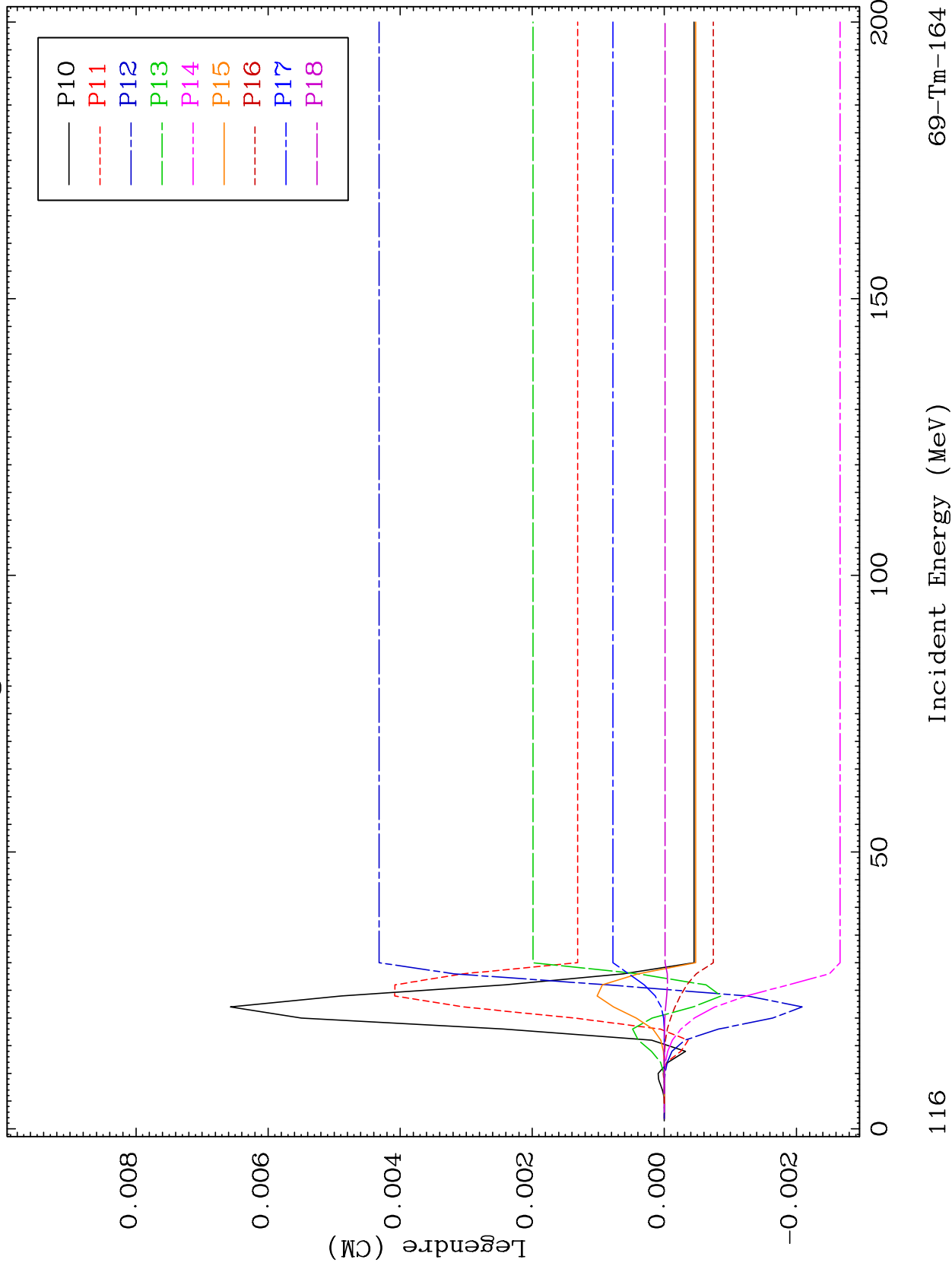
Incident Energy (MeV)

69-Tm-164

MAT 6910

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

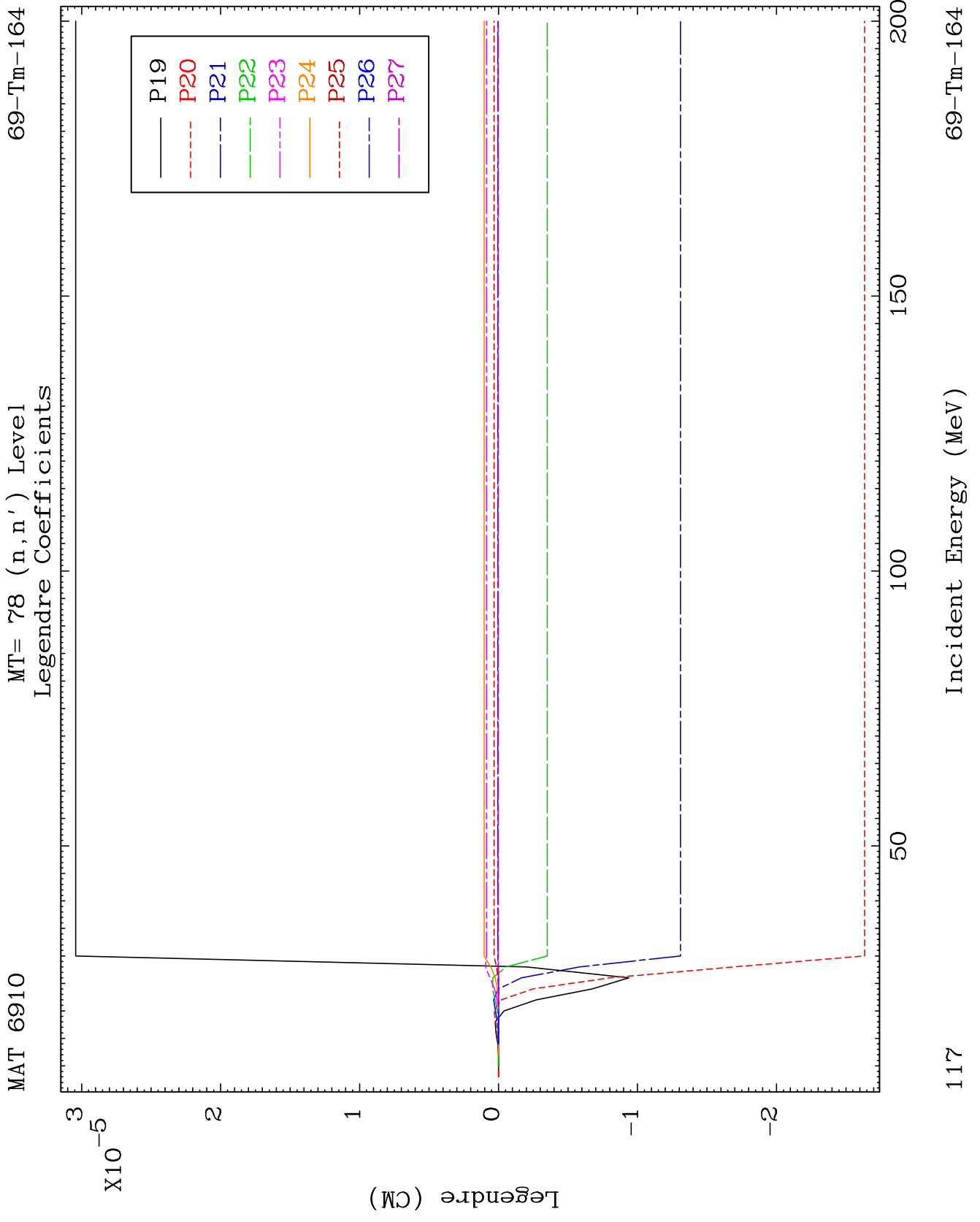
69-Tm-164



116

Incident Energy (MeV)

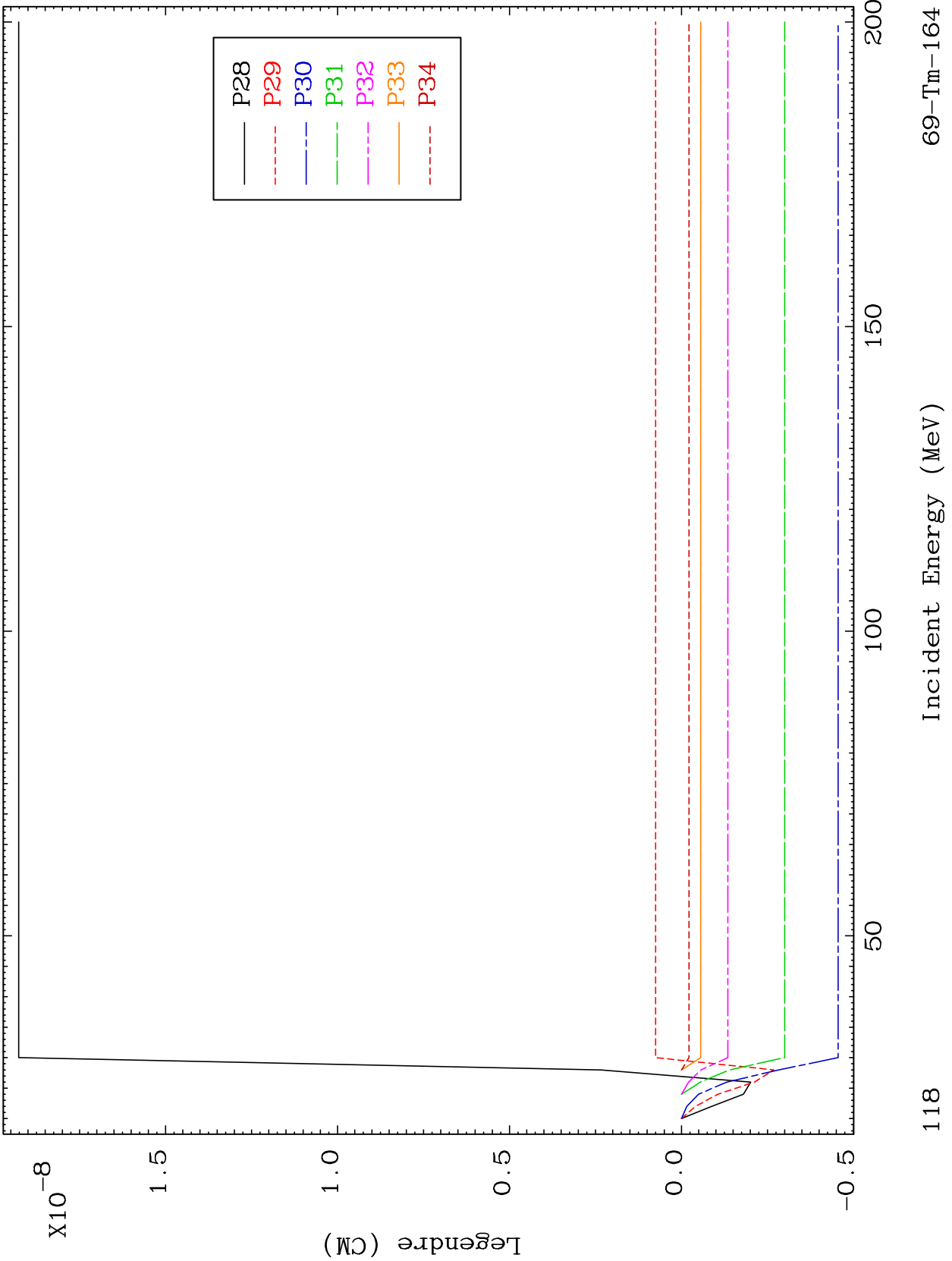
69-Tm-164



MAT 6910

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

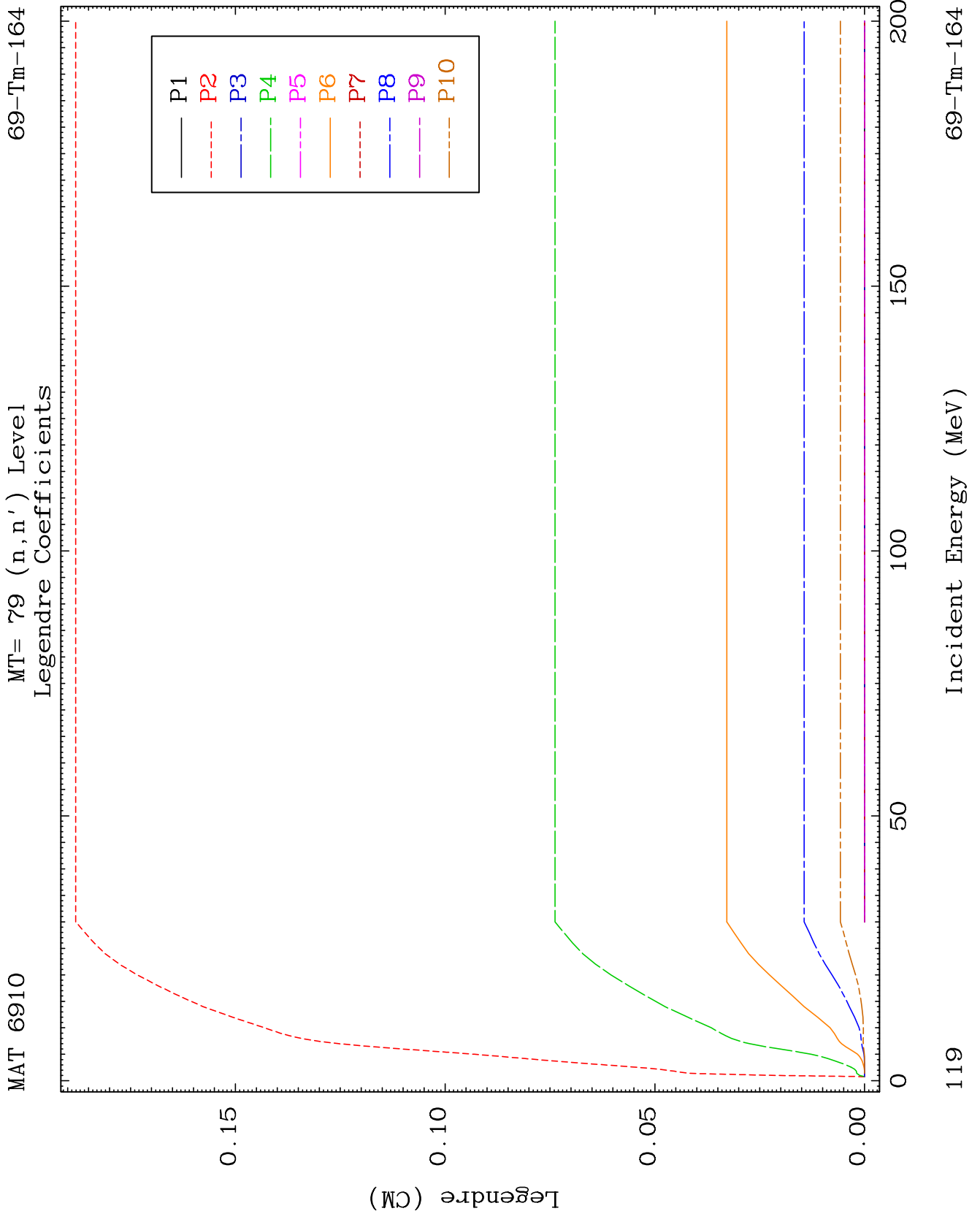
69-Tm-164

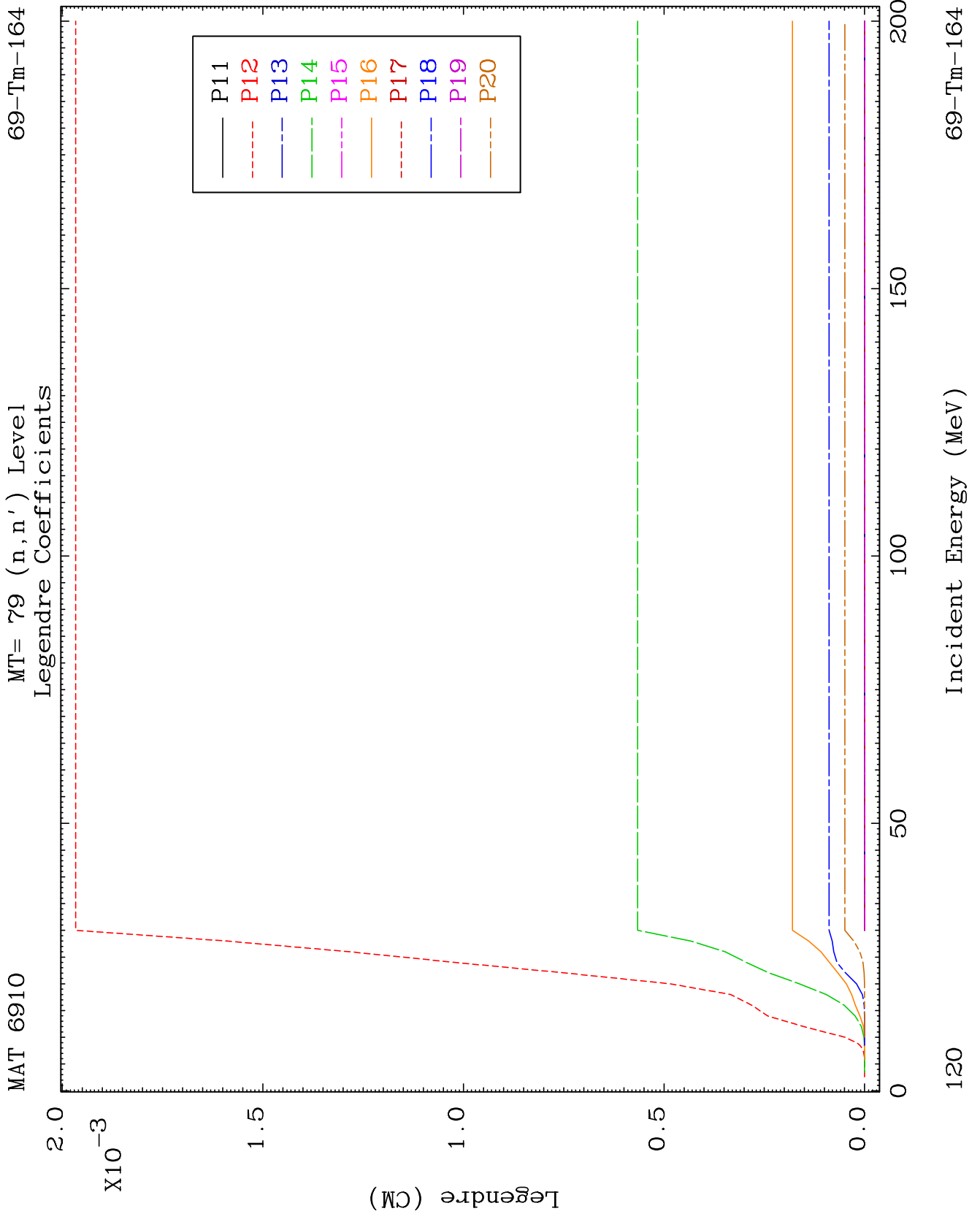


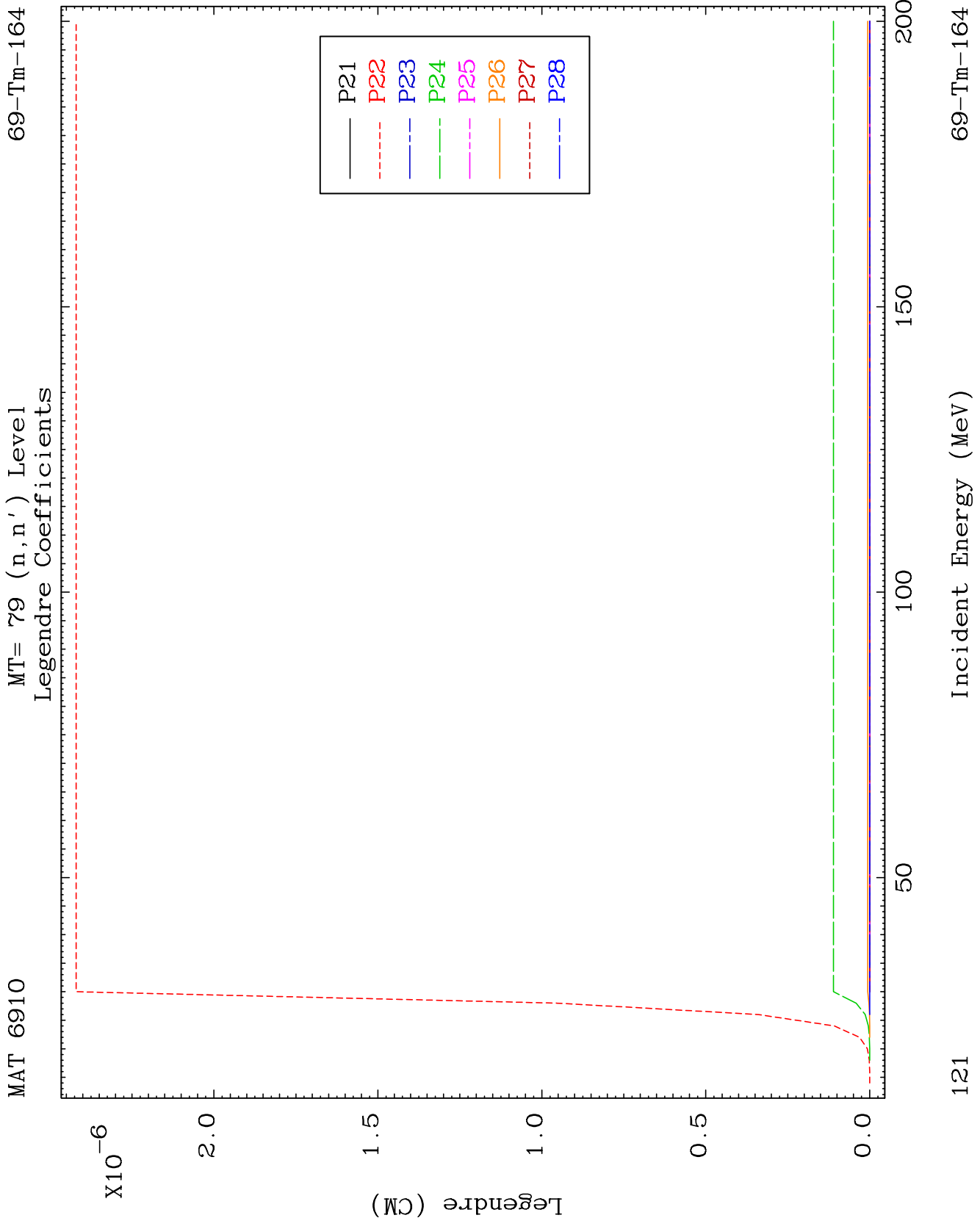
118

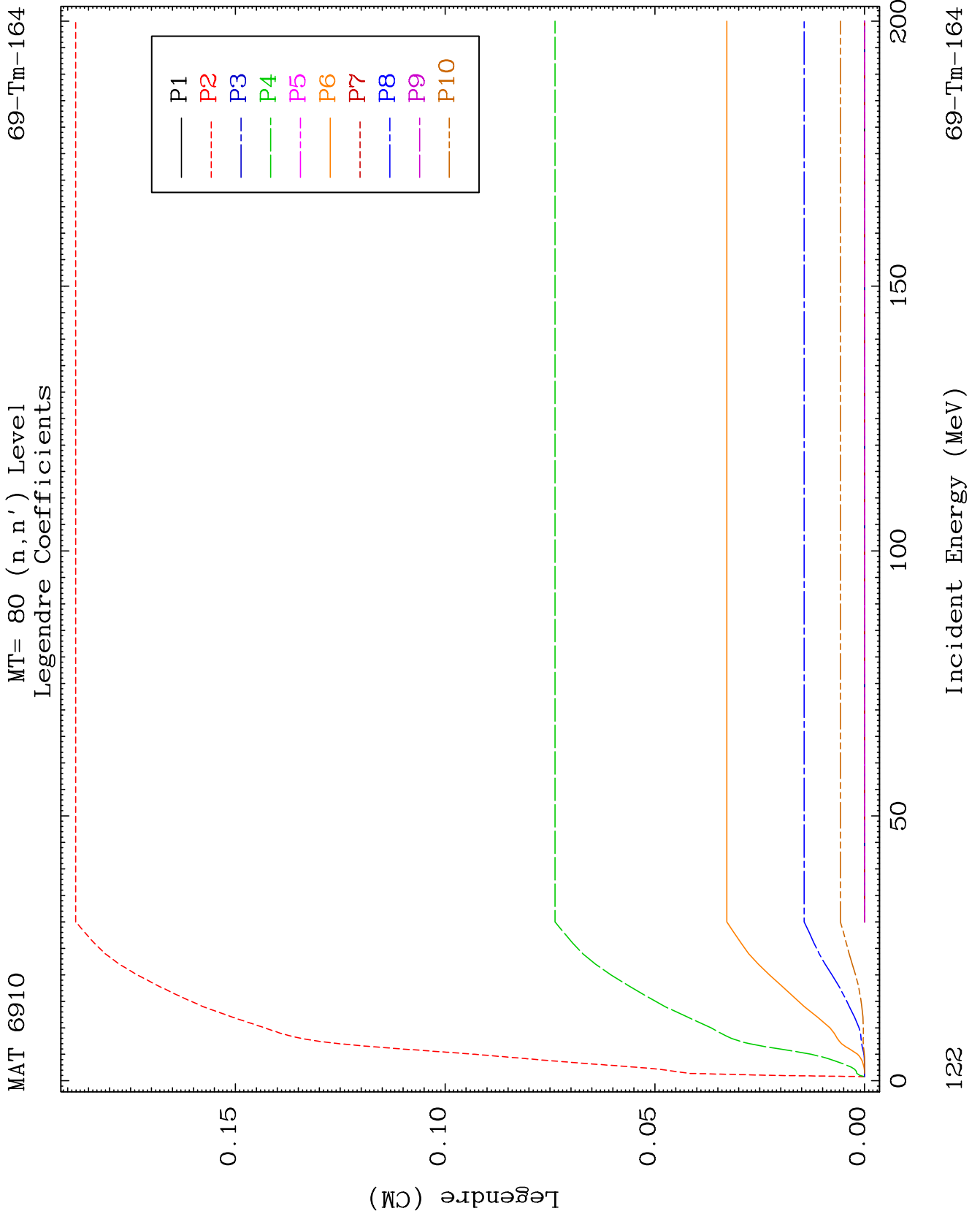
Incident Energy (MeV)

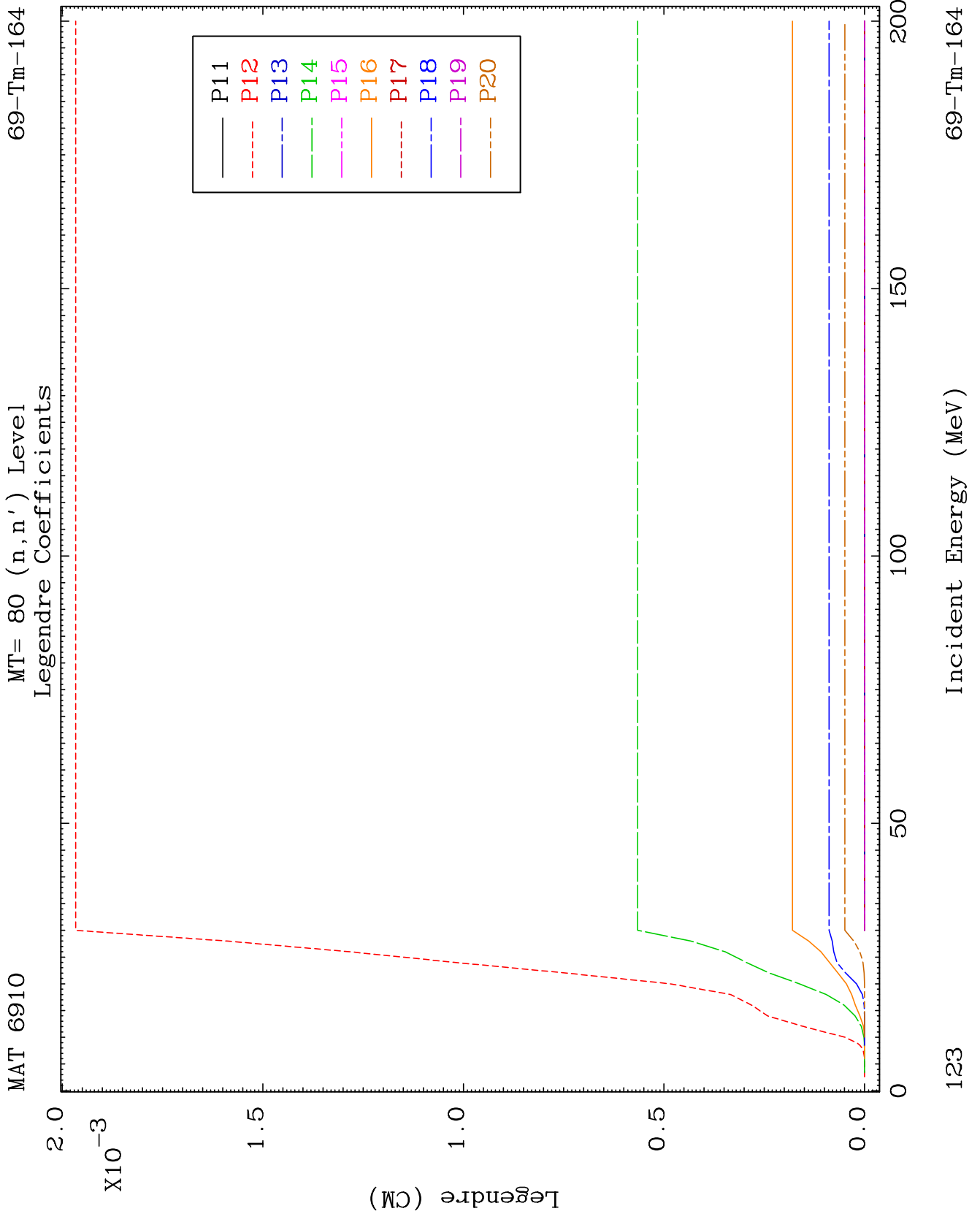
69-Tm-164

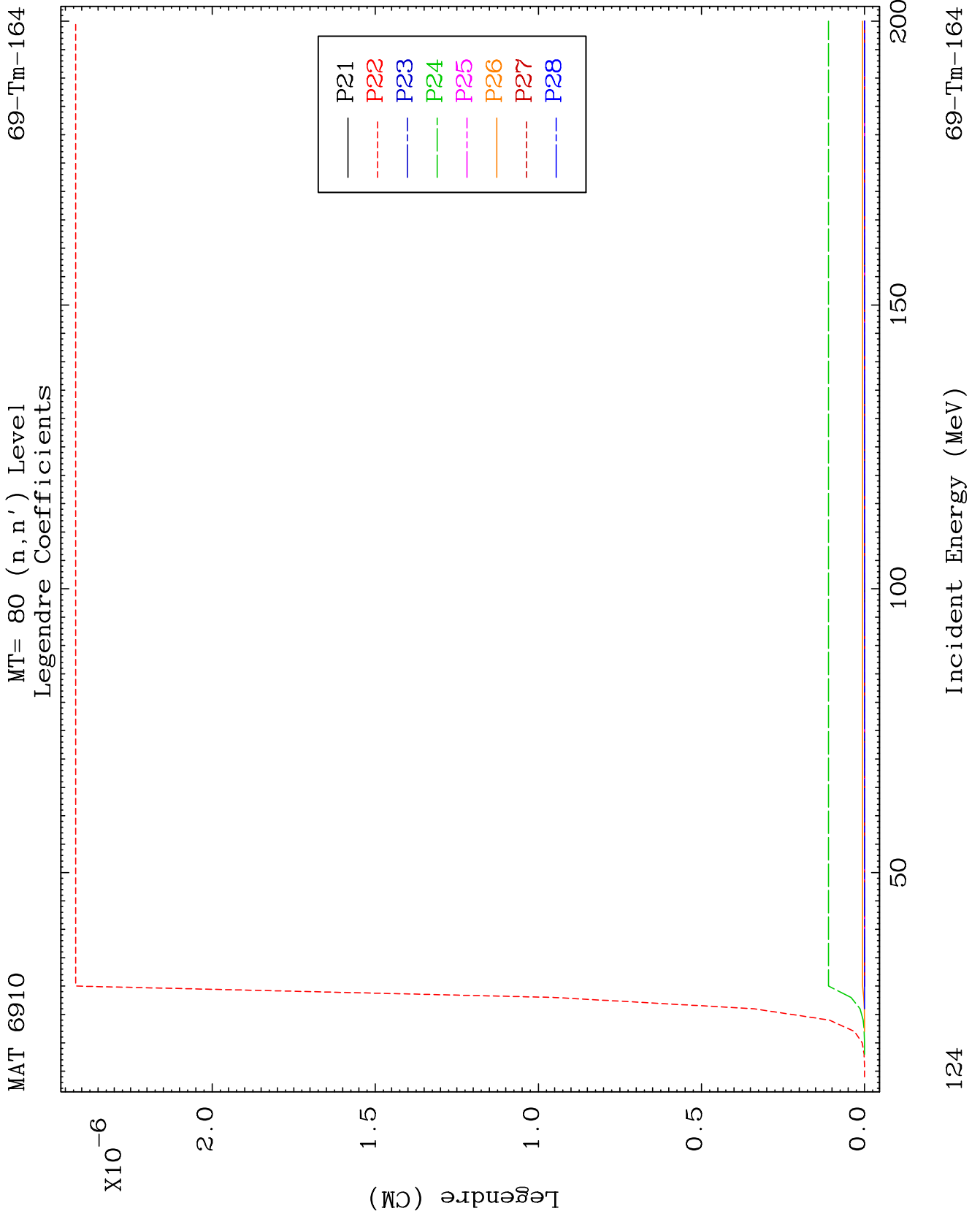








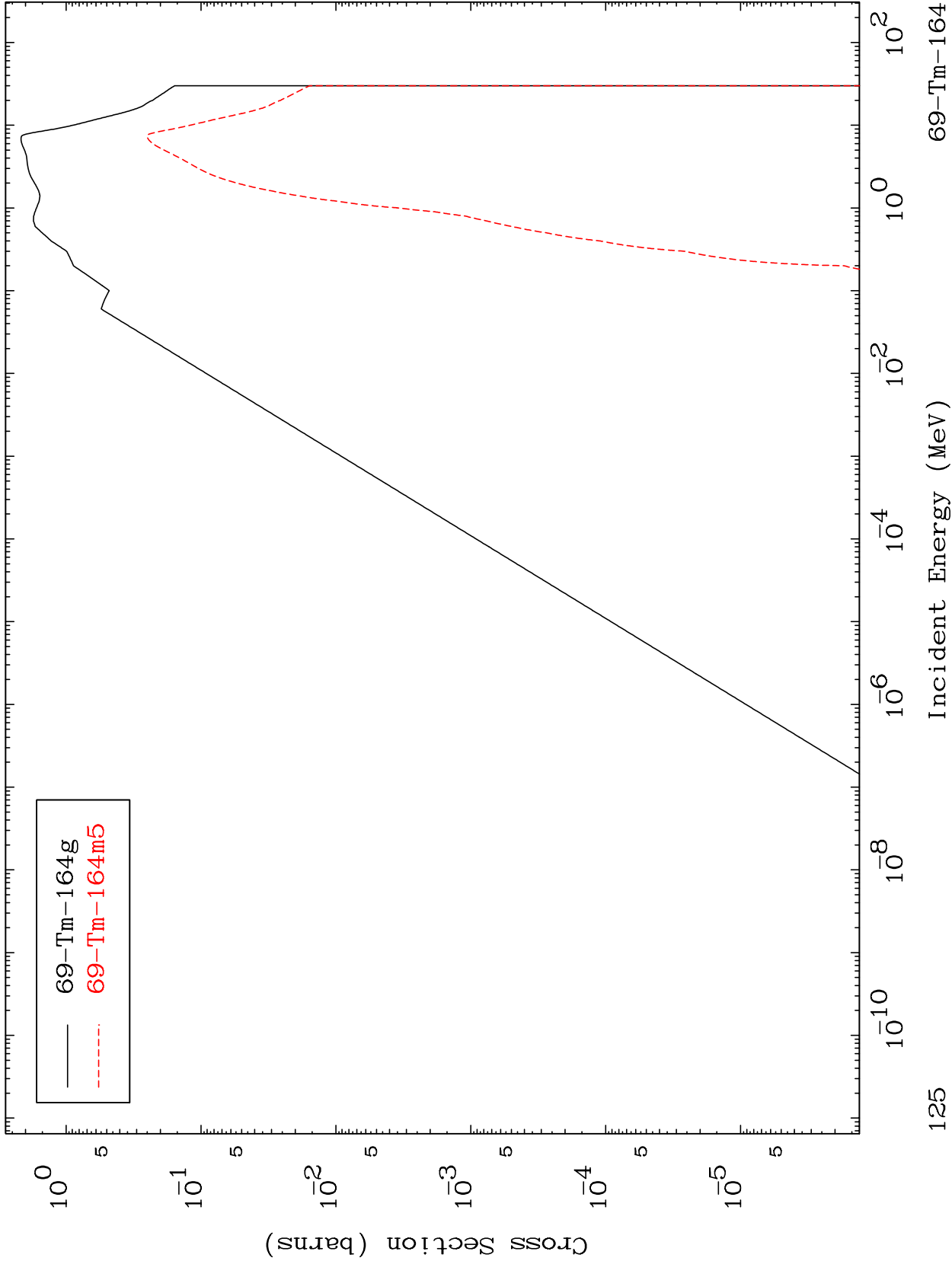




MAT 6910

Inelastic
Radionuclide Production Cross Section

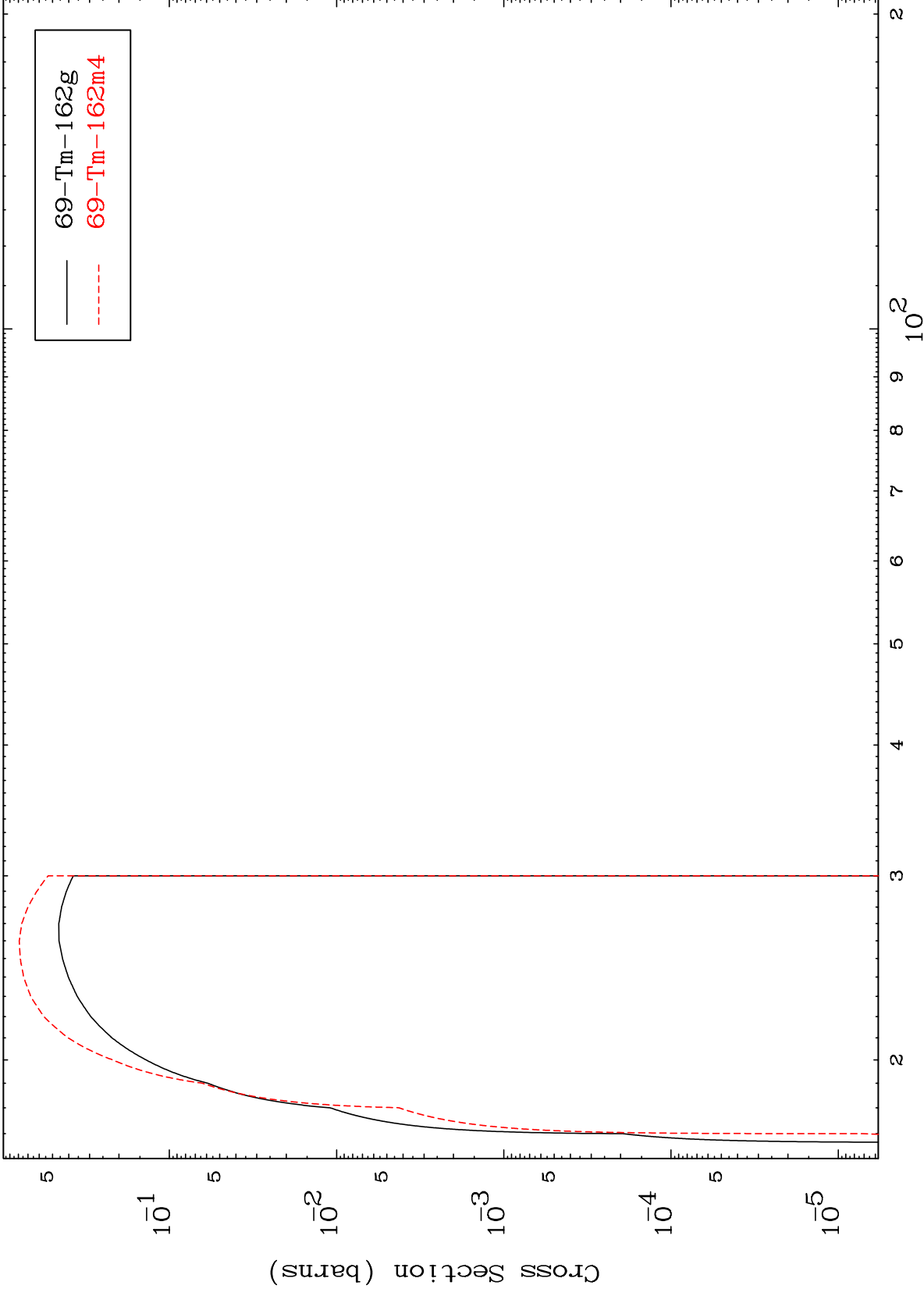
69-Tm-164



125

69-Tm-164

Radionuclide Production Cross Section

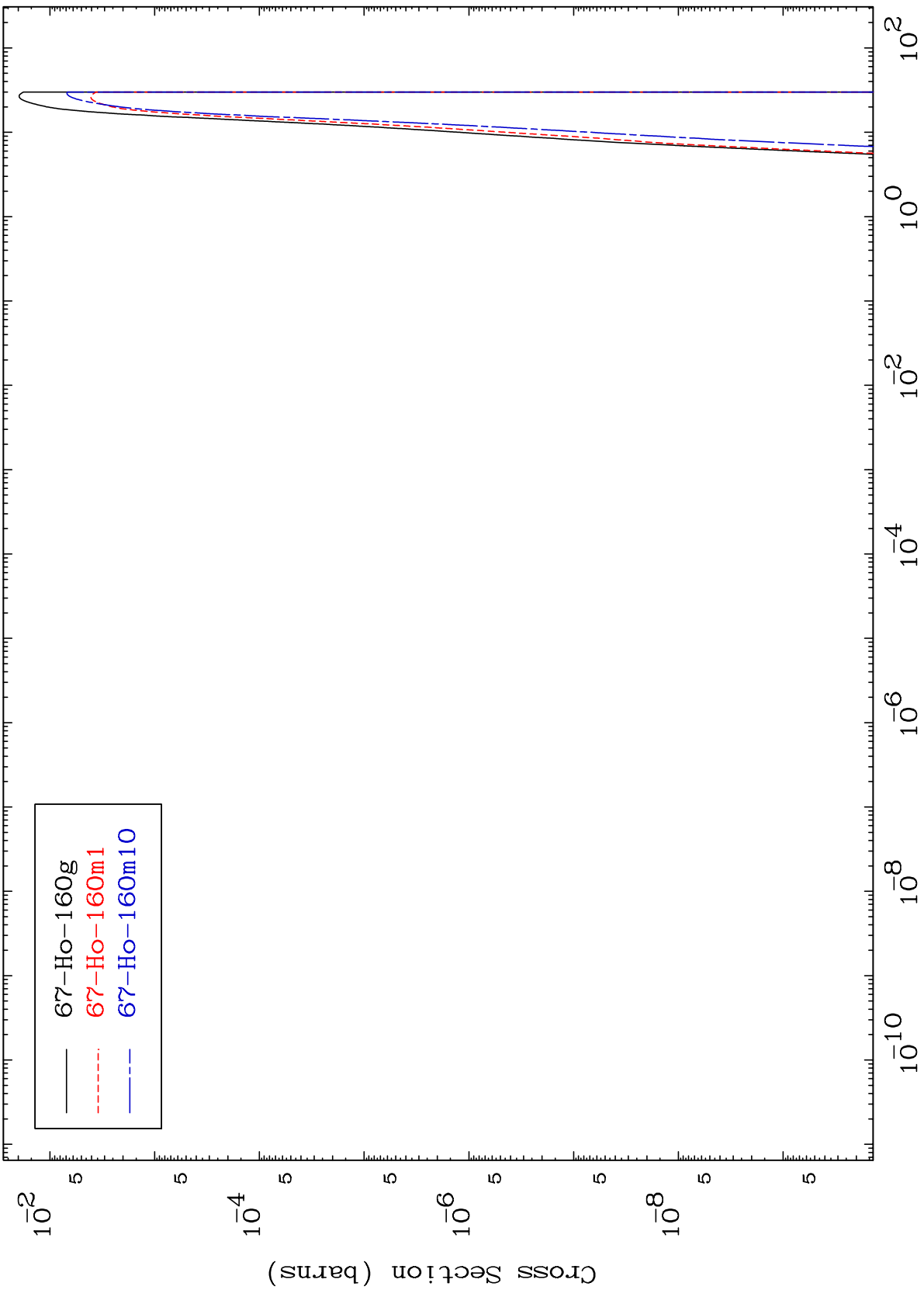


MAT 6910

(n, n') α

69-Tm-164

Radionuclide Production Cross Section

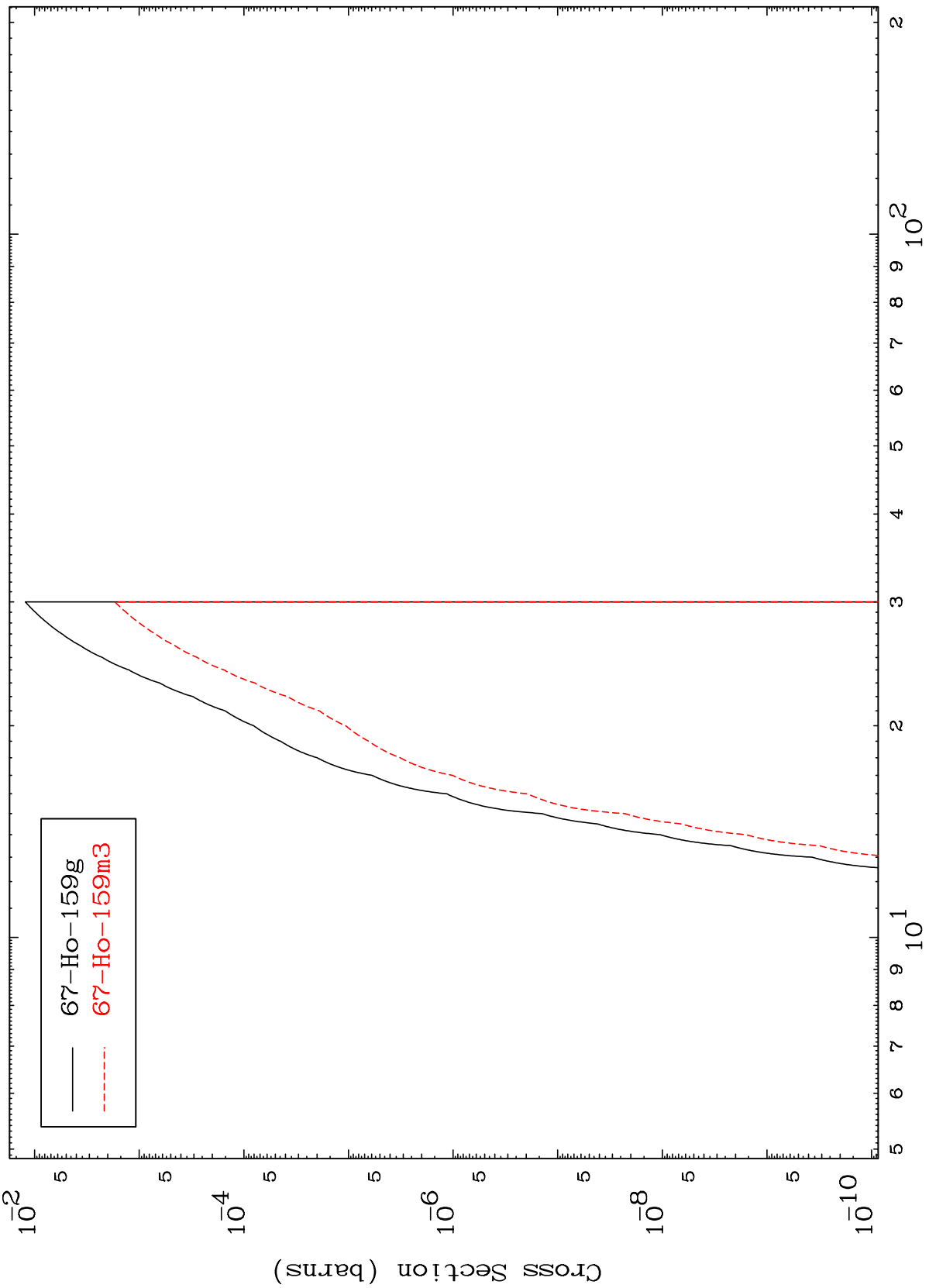


MAT 6910

$(n,2n) \alpha$

69-Tm-164

Radionuclide Production Cross Section

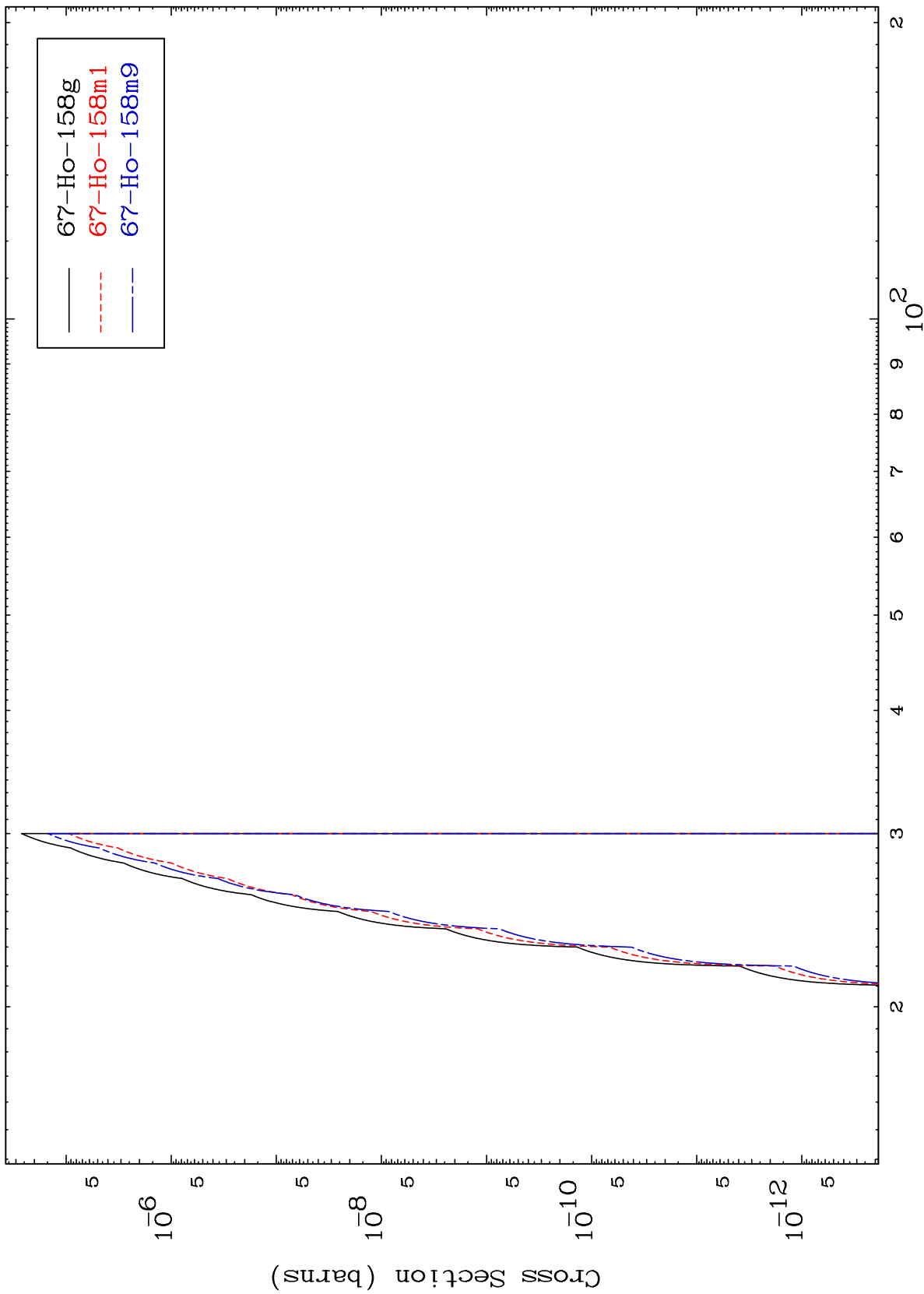


128

Incident Energy (MeV)

69-Tm-164

Radionuclide Production Cross Section

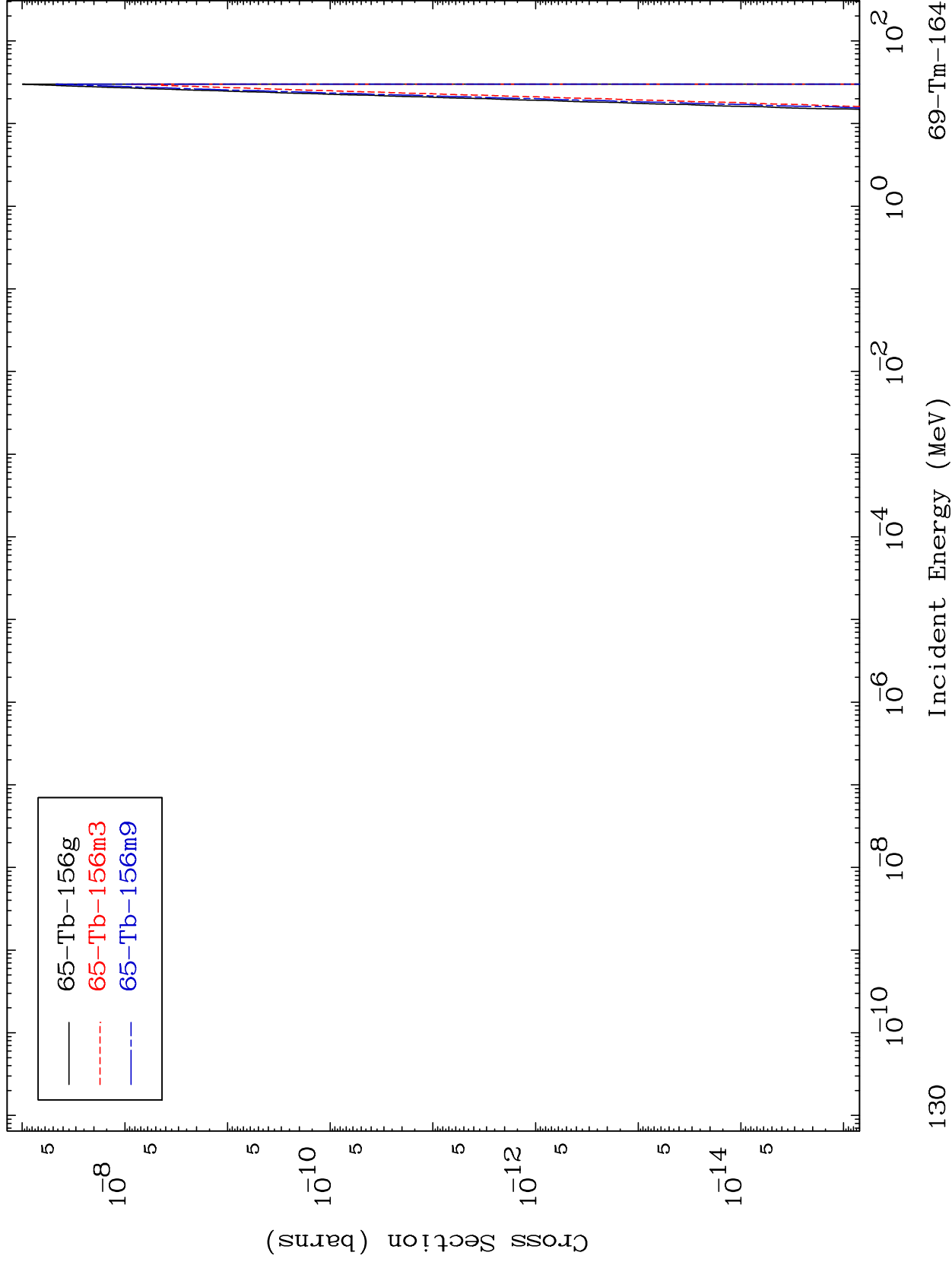


MAT 6910

(n,n') 2α

69-Tm-164

Radionuclide Production Cross Section



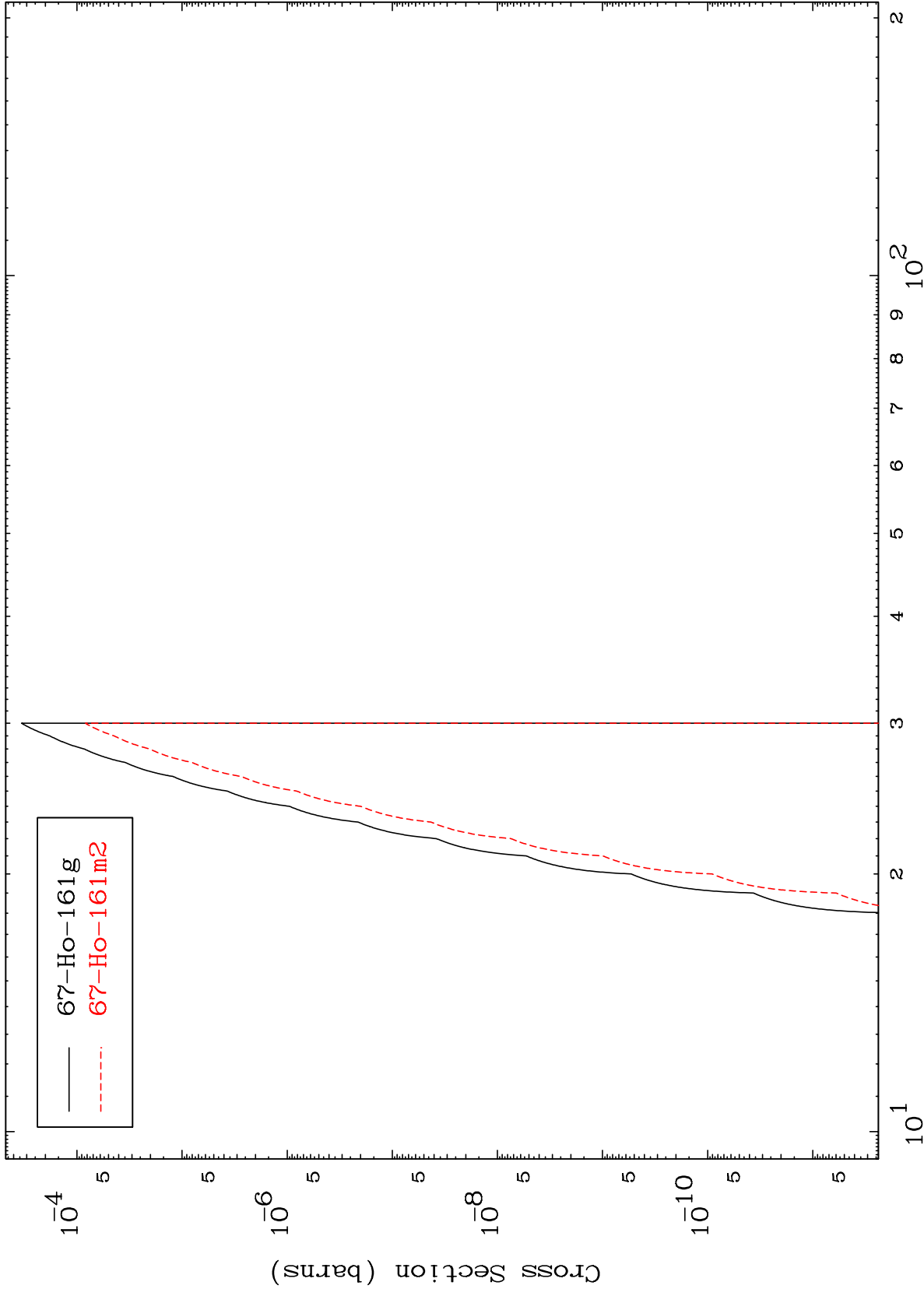
130

MAT 6910

(n,n') He-3

69-Tm-164

Radionuclide Production Cross Section



67-Ho-161g
67-Ho-161m2

Incident Energy (MeV)

69-Tm-164

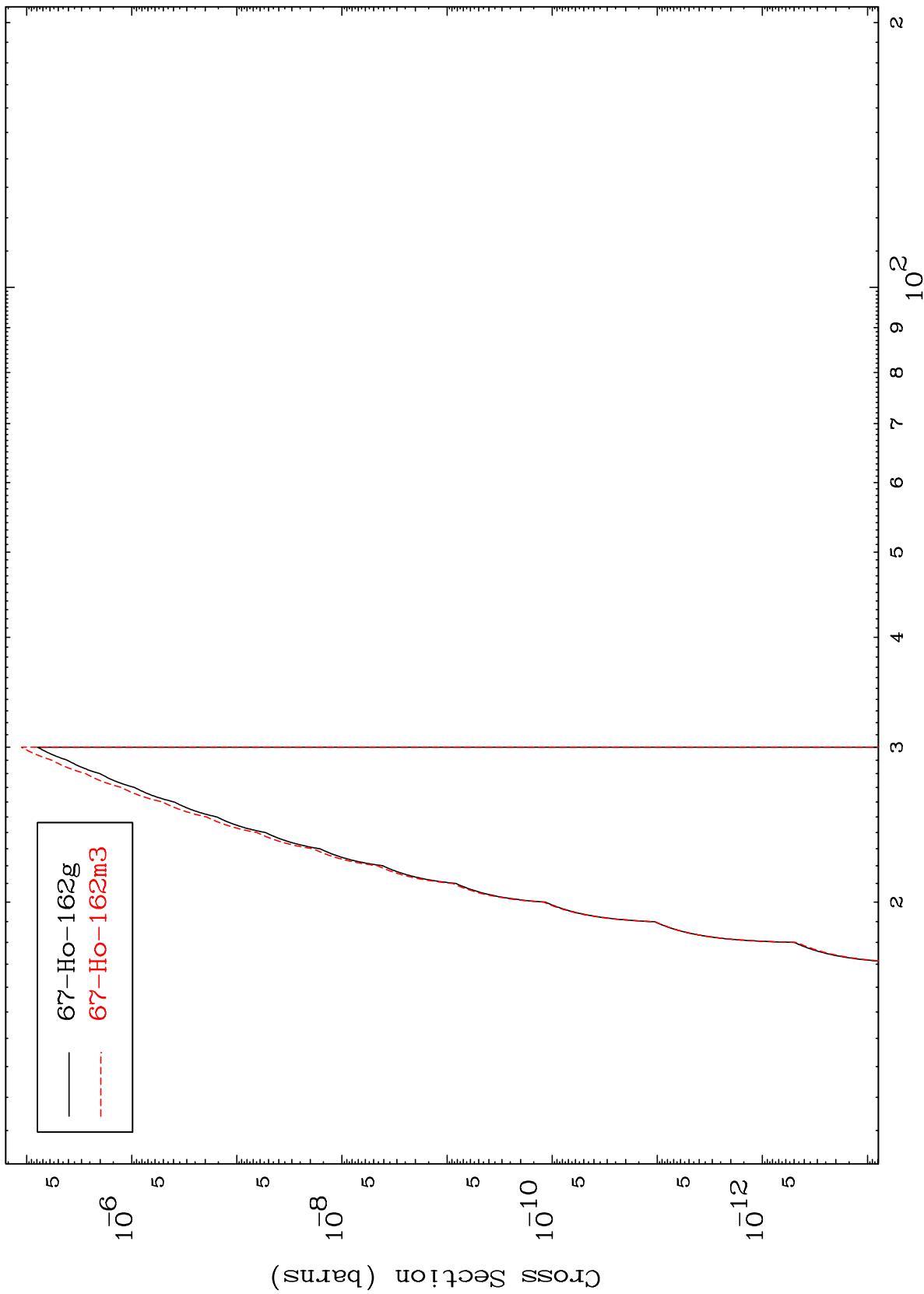
131

MAT 6910

(n,2n) p

69-Tm-164

Radionuclide Production Cross Section



132

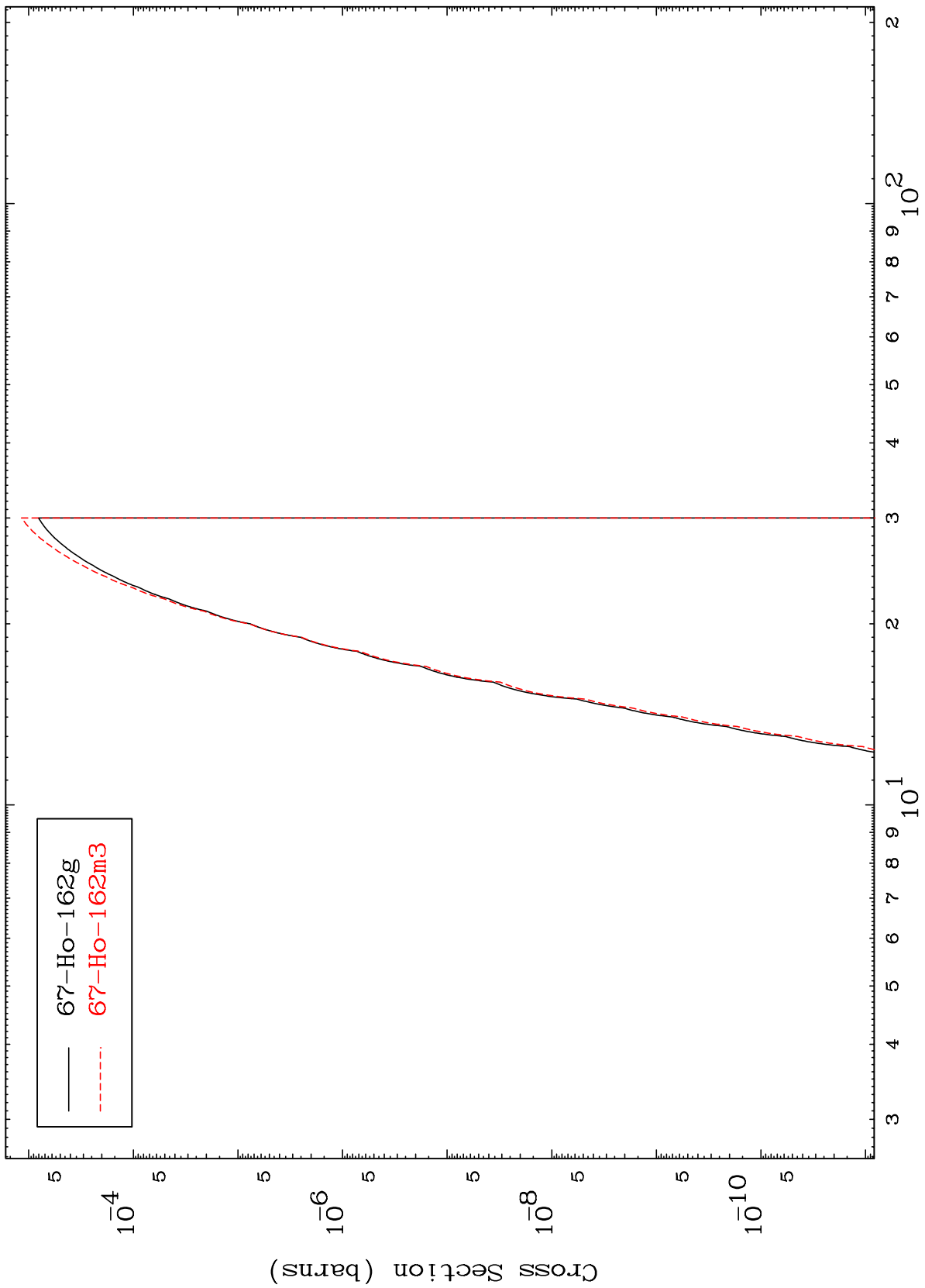
Incident Energy (MeV)

69-Tm-164

MAT 6910

69-Tm-164

Radionuclide Production Cross Section
(n,He-3)



133

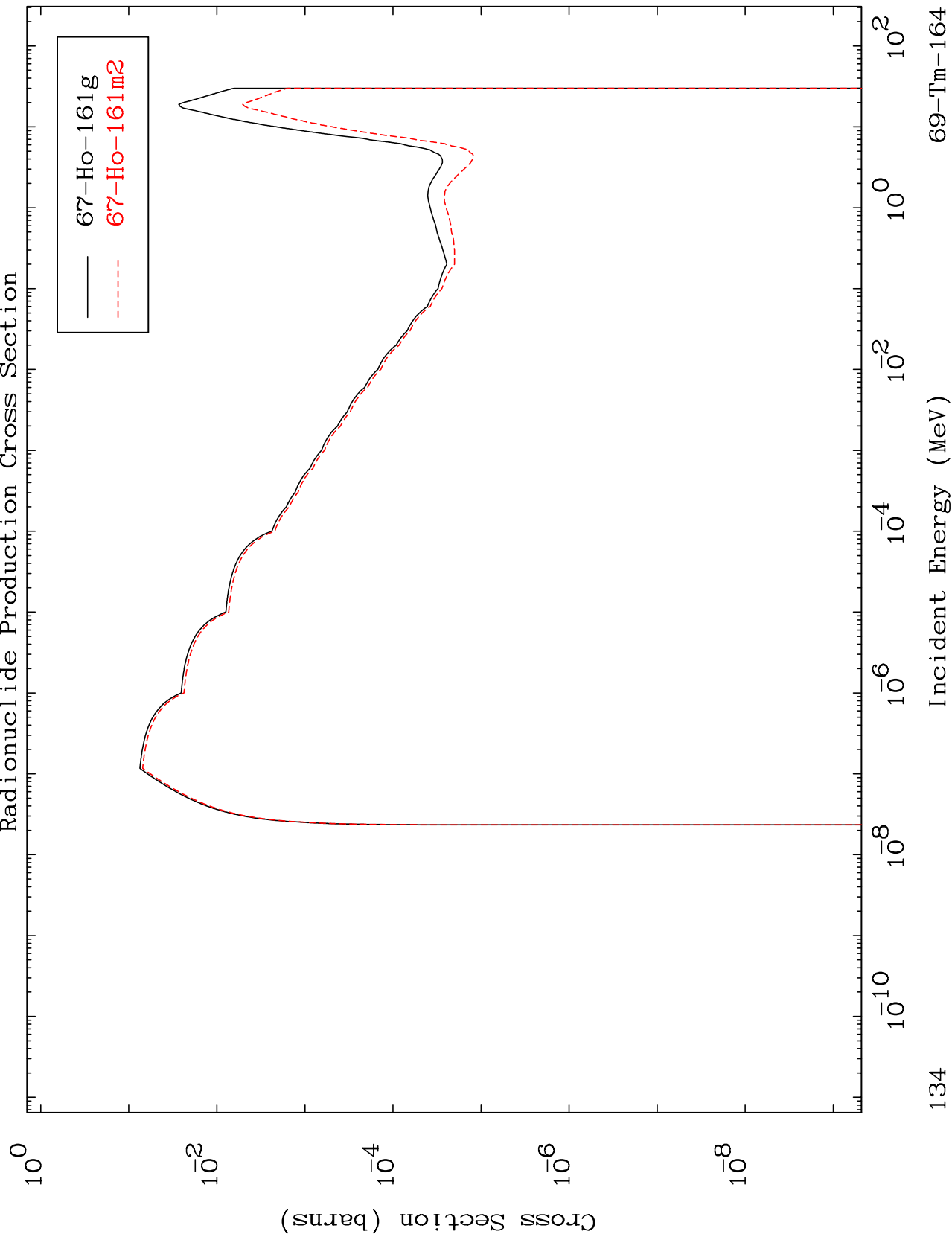
Incident Energy (MeV)

69-Tm-164

MAT 6910

69-Tm-164

Radionuclide Production Cross Section
(n, α)



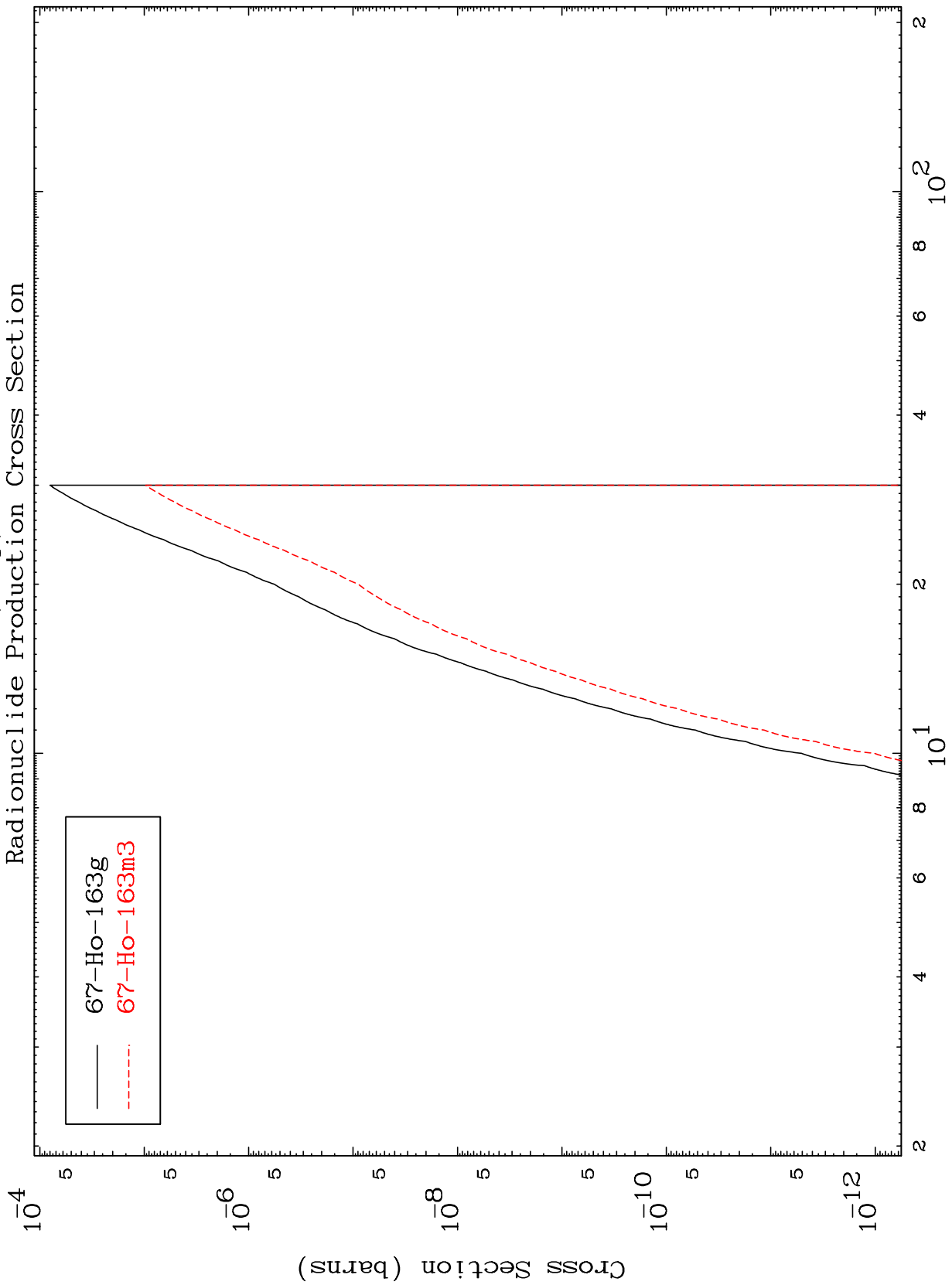
134

69-Tm-164

MAT 6910

69-Tm-164

(n,2p)
Radionuclide Production Cross Section



69-Tm-164

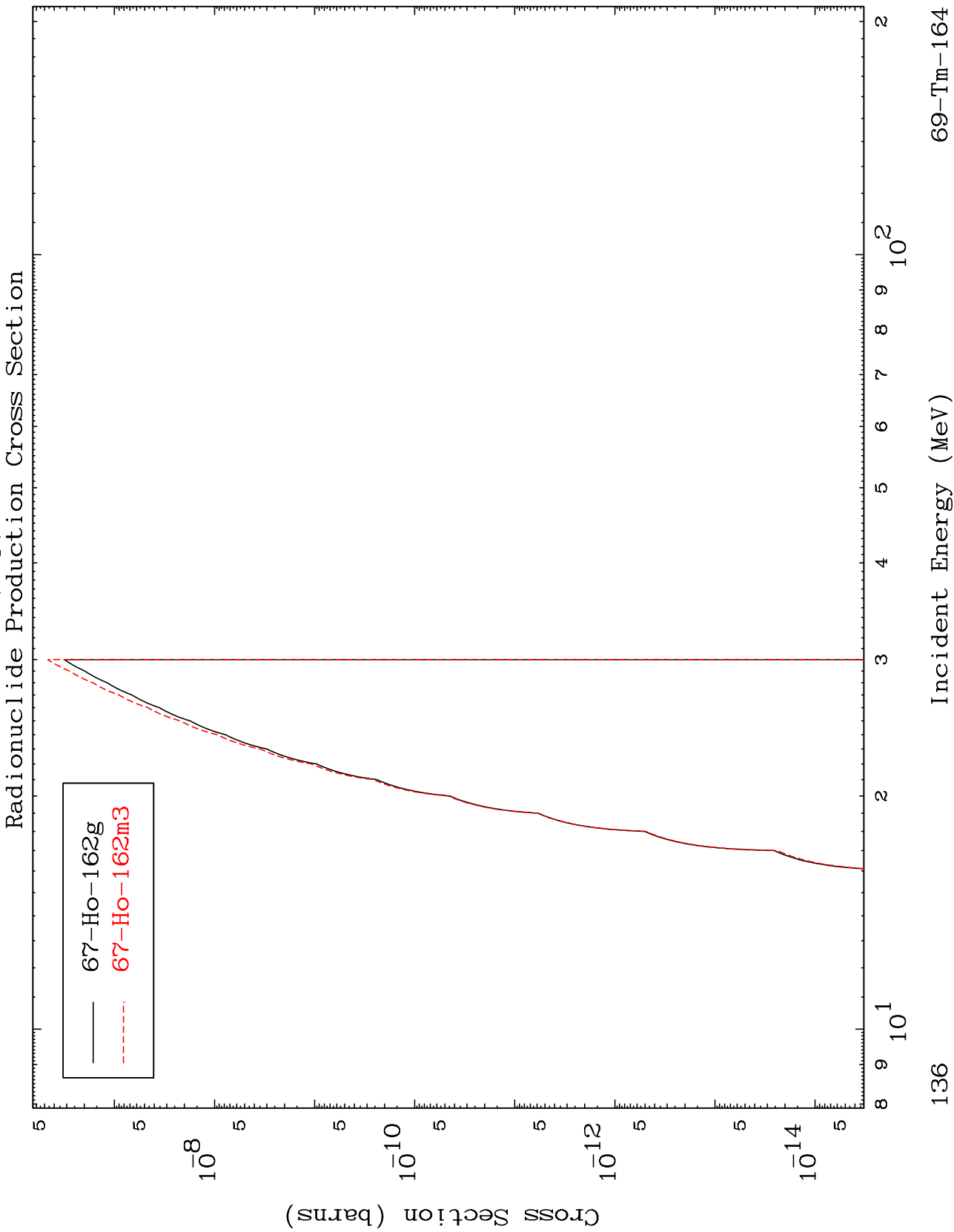
Incident Energy (MeV)

135

MAT 6910

(n,p) d

⁶⁹Tm-164

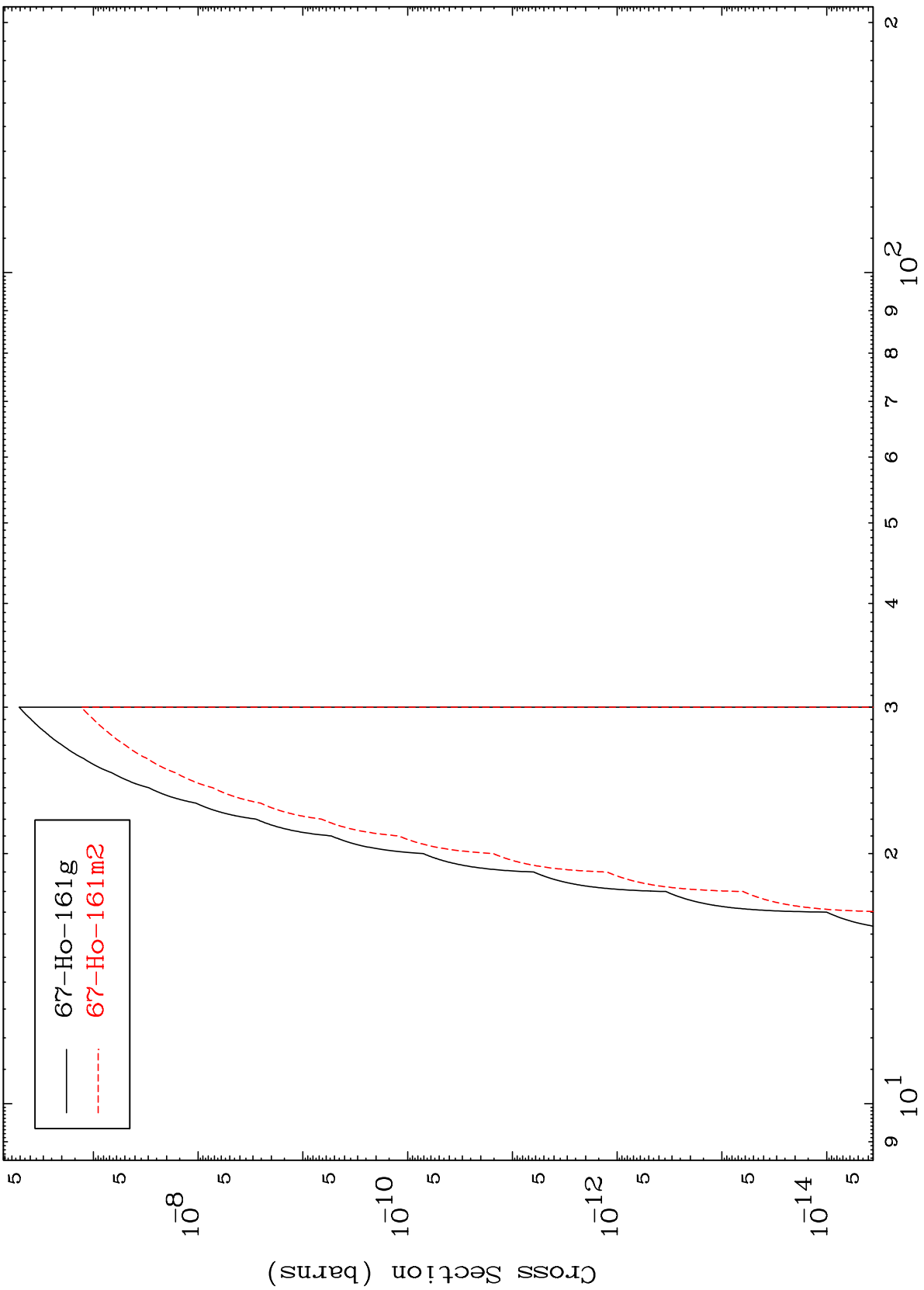


MAT 6910

(n,p) t

69-Tm-164

Radionuclide Production Cross Section



137

Incident Energy (MeV)

69-Tm-164