

Program EVALPLOT
(Version 2018-1)

by

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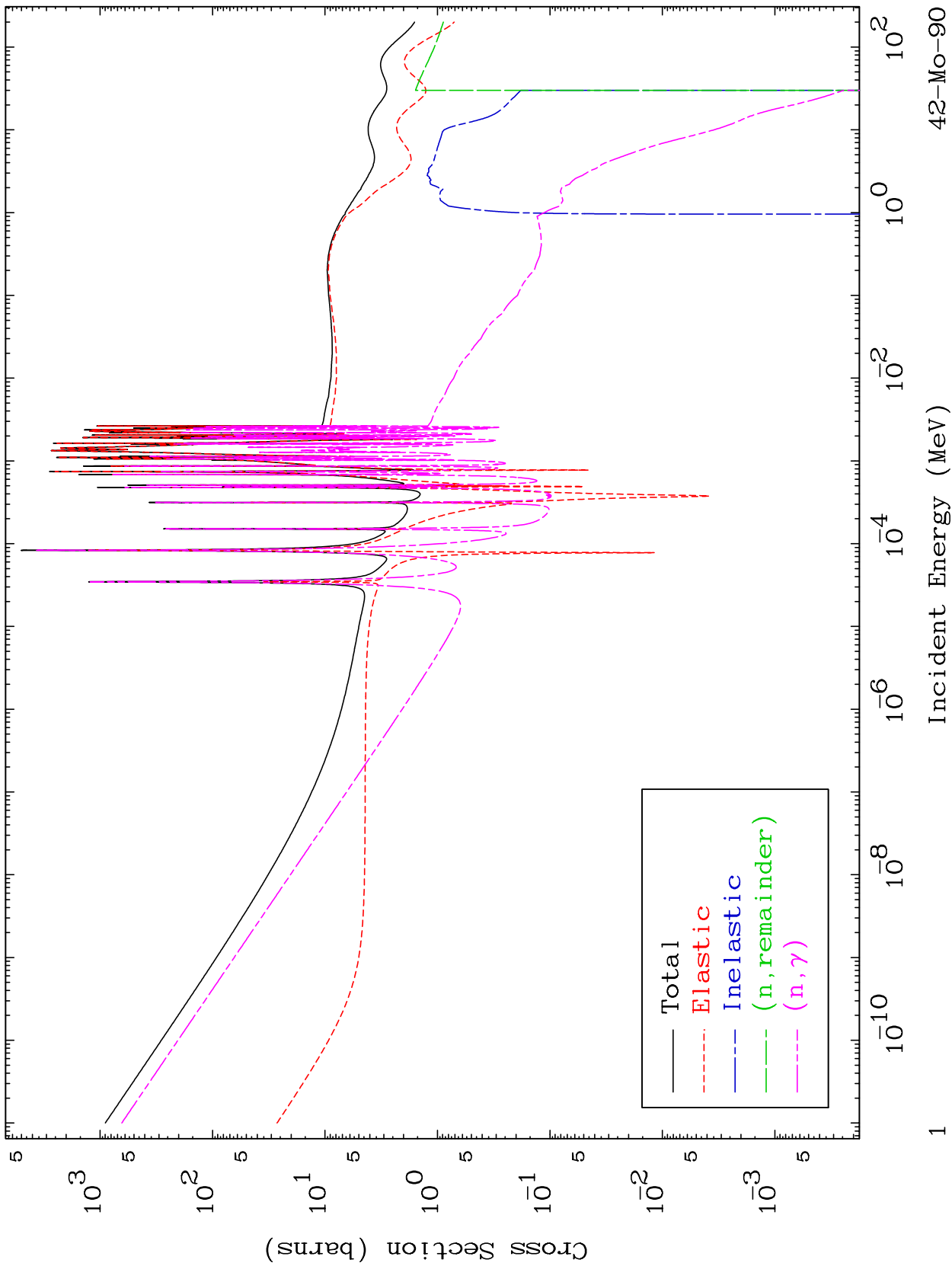
Press Mouse Button to Start

MAT 4219

Major

293 Kelvin Cross Sections

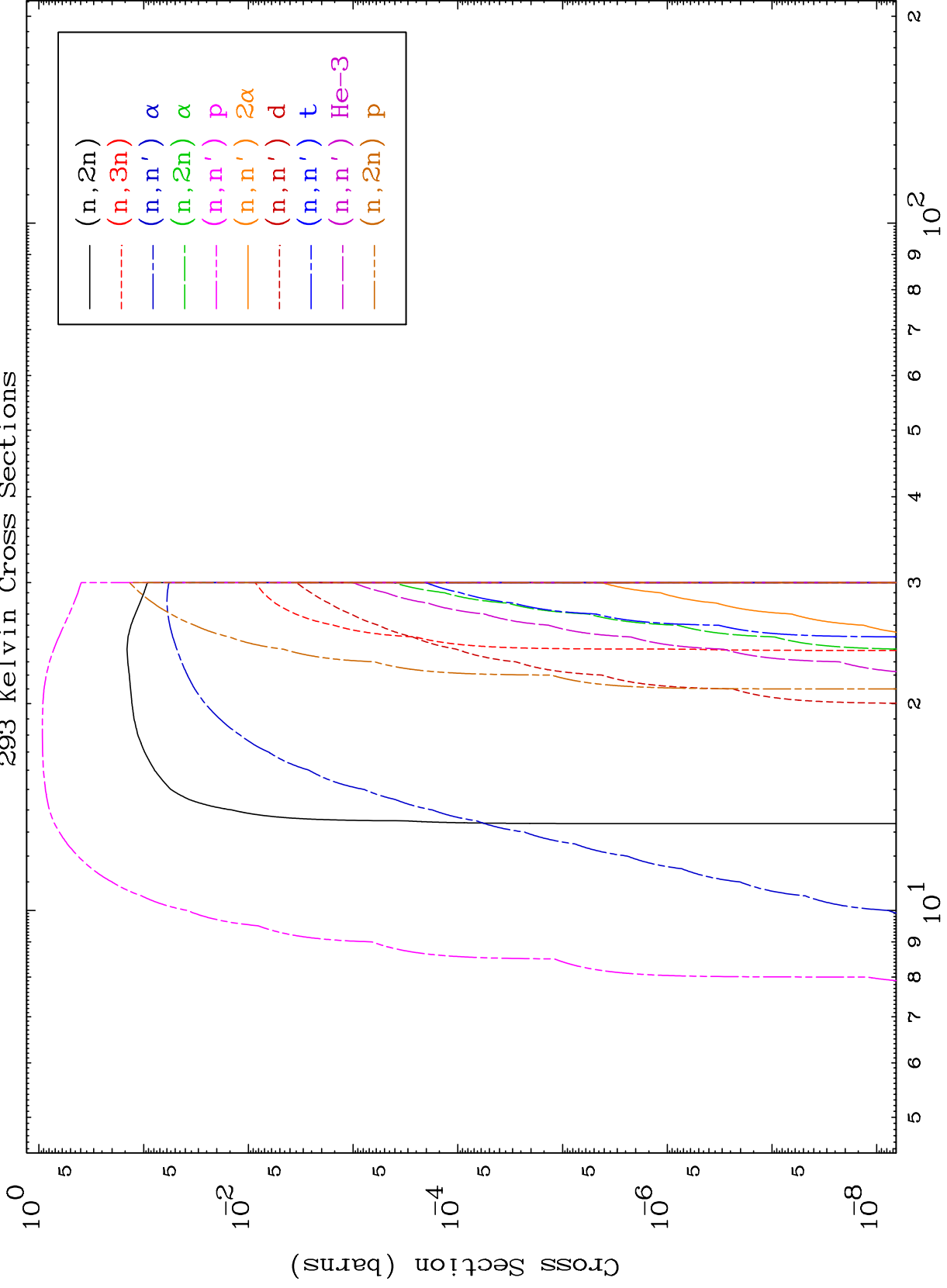
42-Mo-90



MAT 4219

Neutron Production
293 Kelvin Cross Sections

42-Mo-90



2

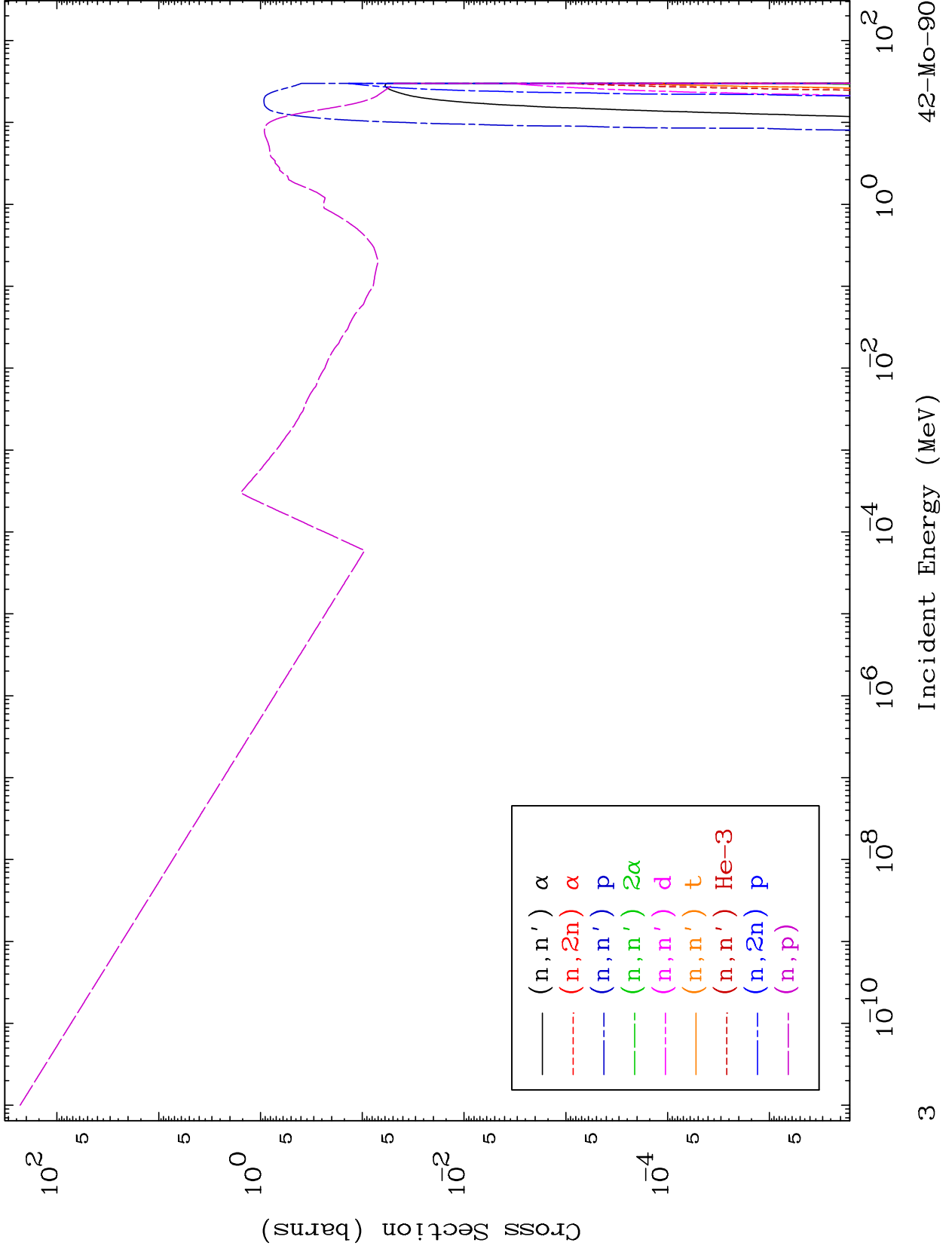
Incident Energy (MeV)

42-Mo-90

MAT 4219

Charged Particle
293 Kelvin Cross Sections

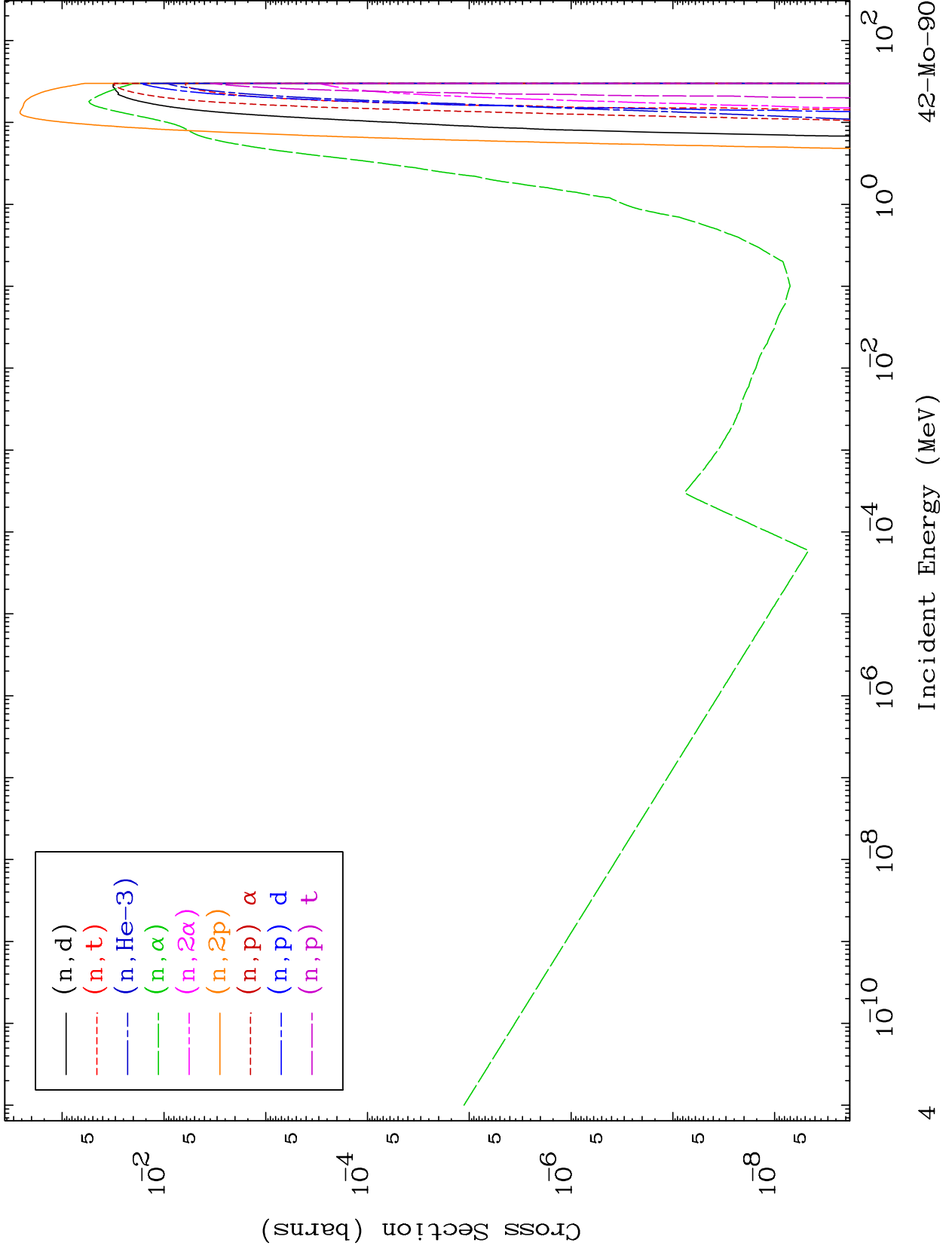
42-Mo-90



MAT 4219

Charged Particle
293 Kelvin Cross Sections

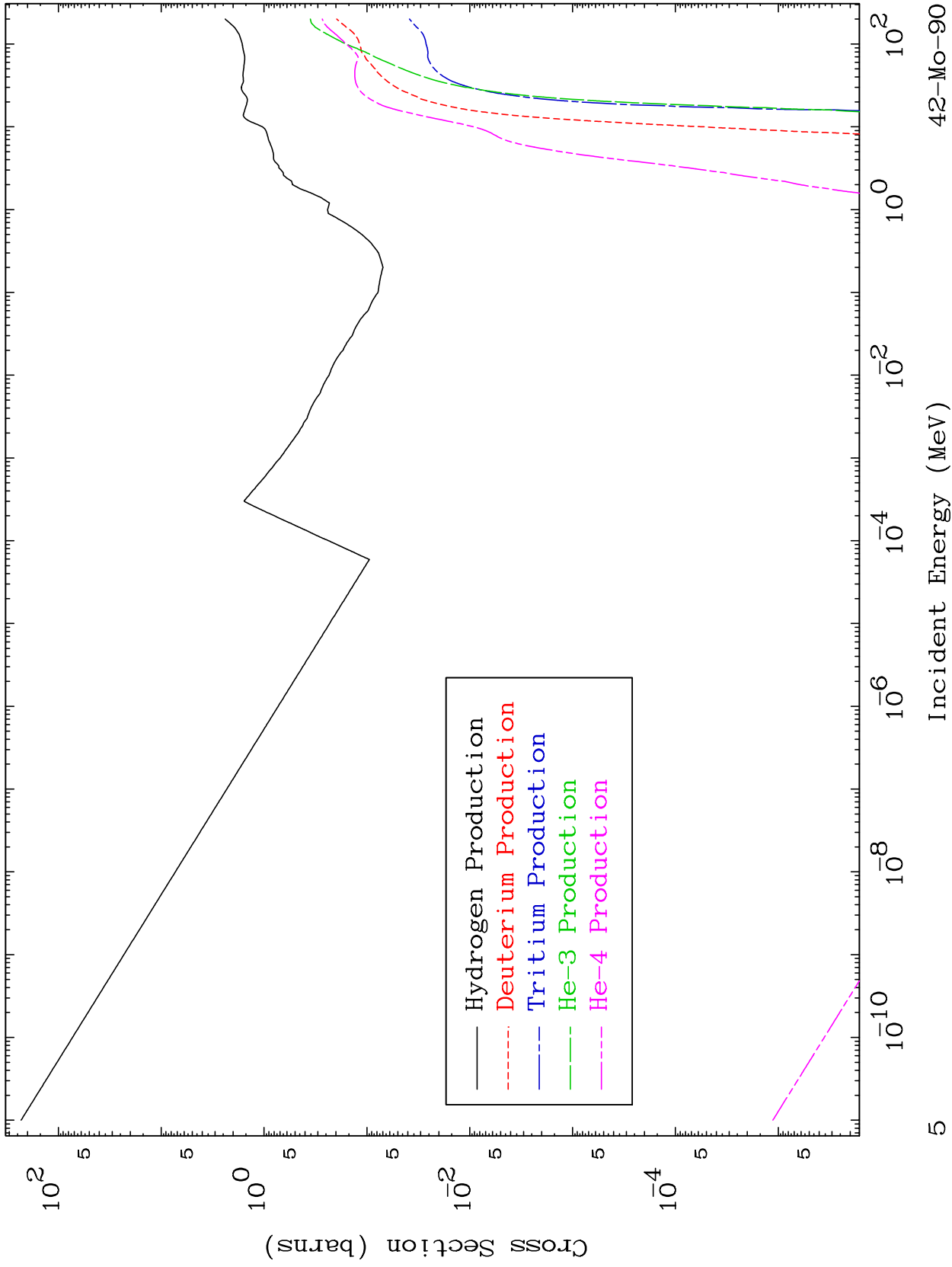
42-Mo-90



MAT 4219

Particle Production
293 Kelvin Cross Sections

42-Mo-90

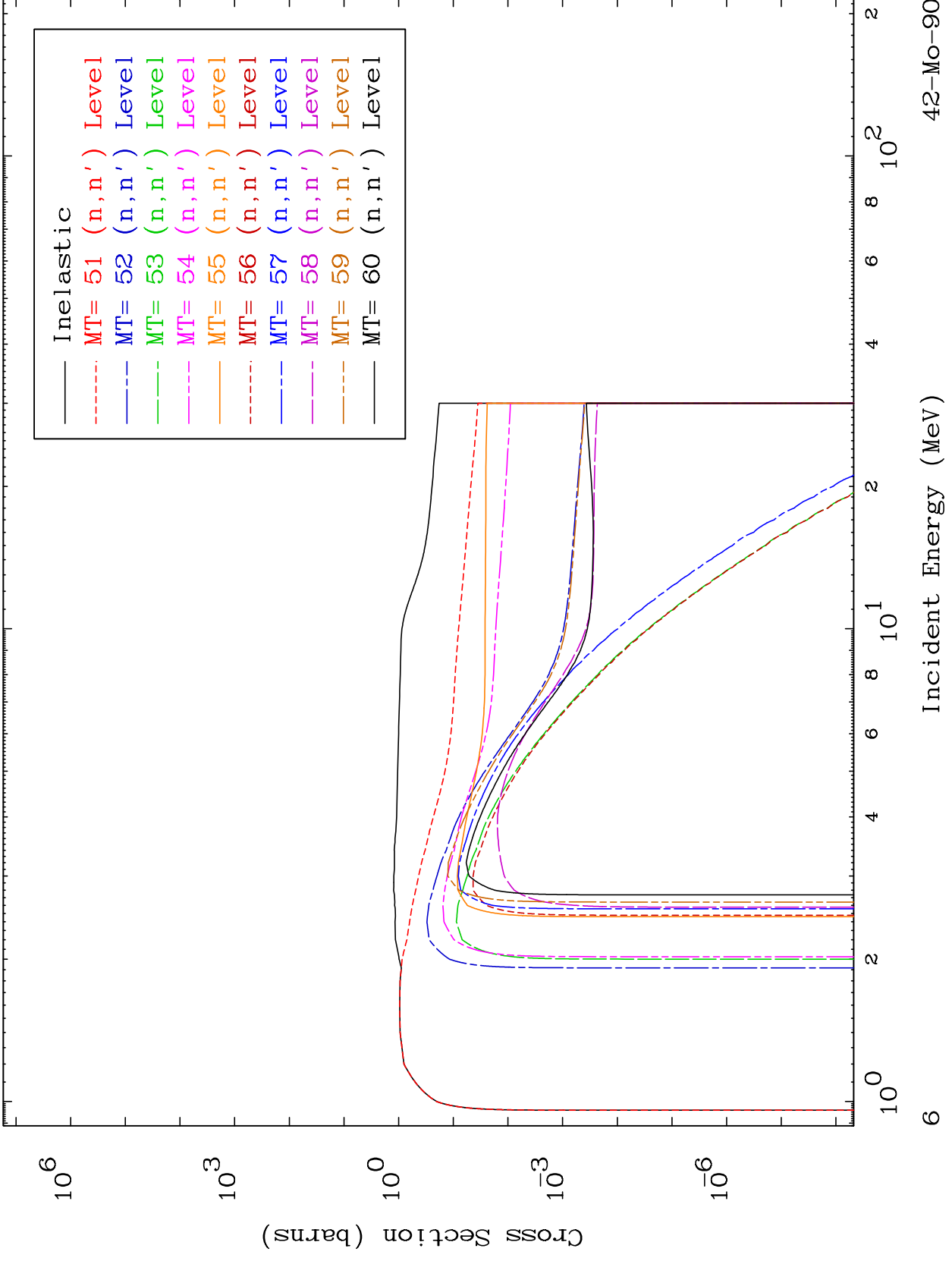


MAT 4219

(n,n') Level

42-Mo-90

293 Kelvin Cross Sections

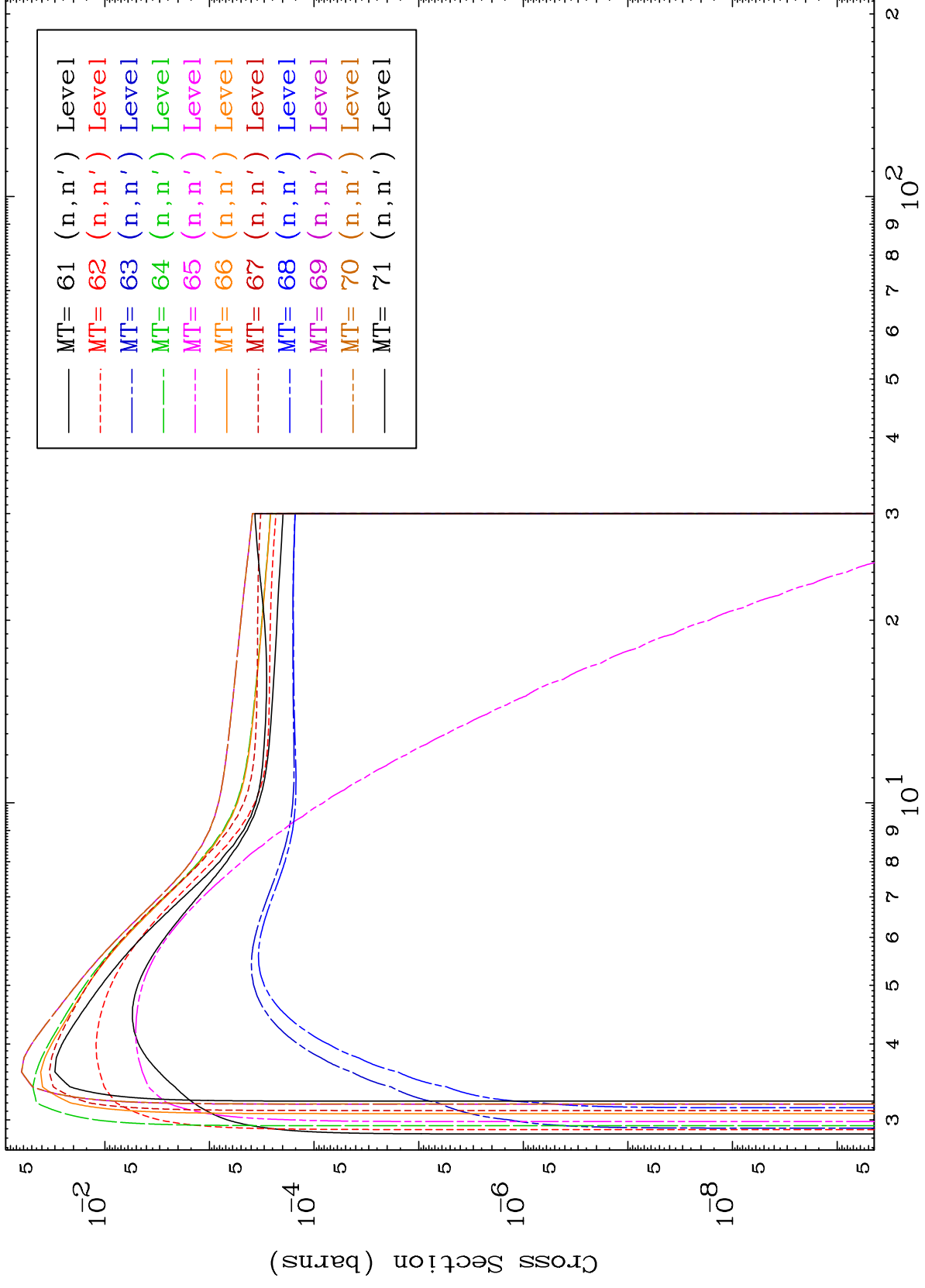


MAT 4219

(n,n') Level

42-Mo-90

293 Kelvin Cross Sections



7

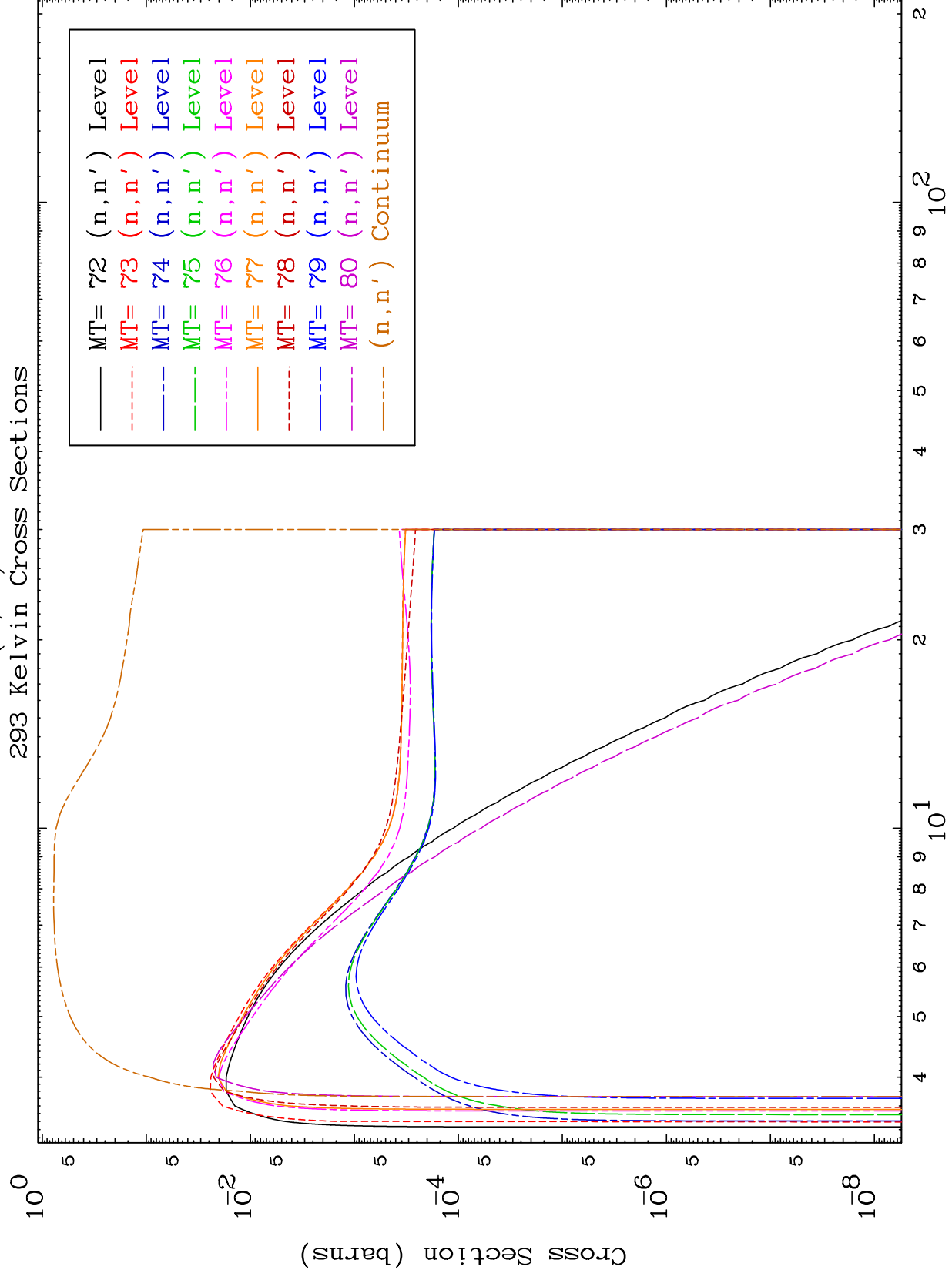
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,n') Level

42-Mo-90



8

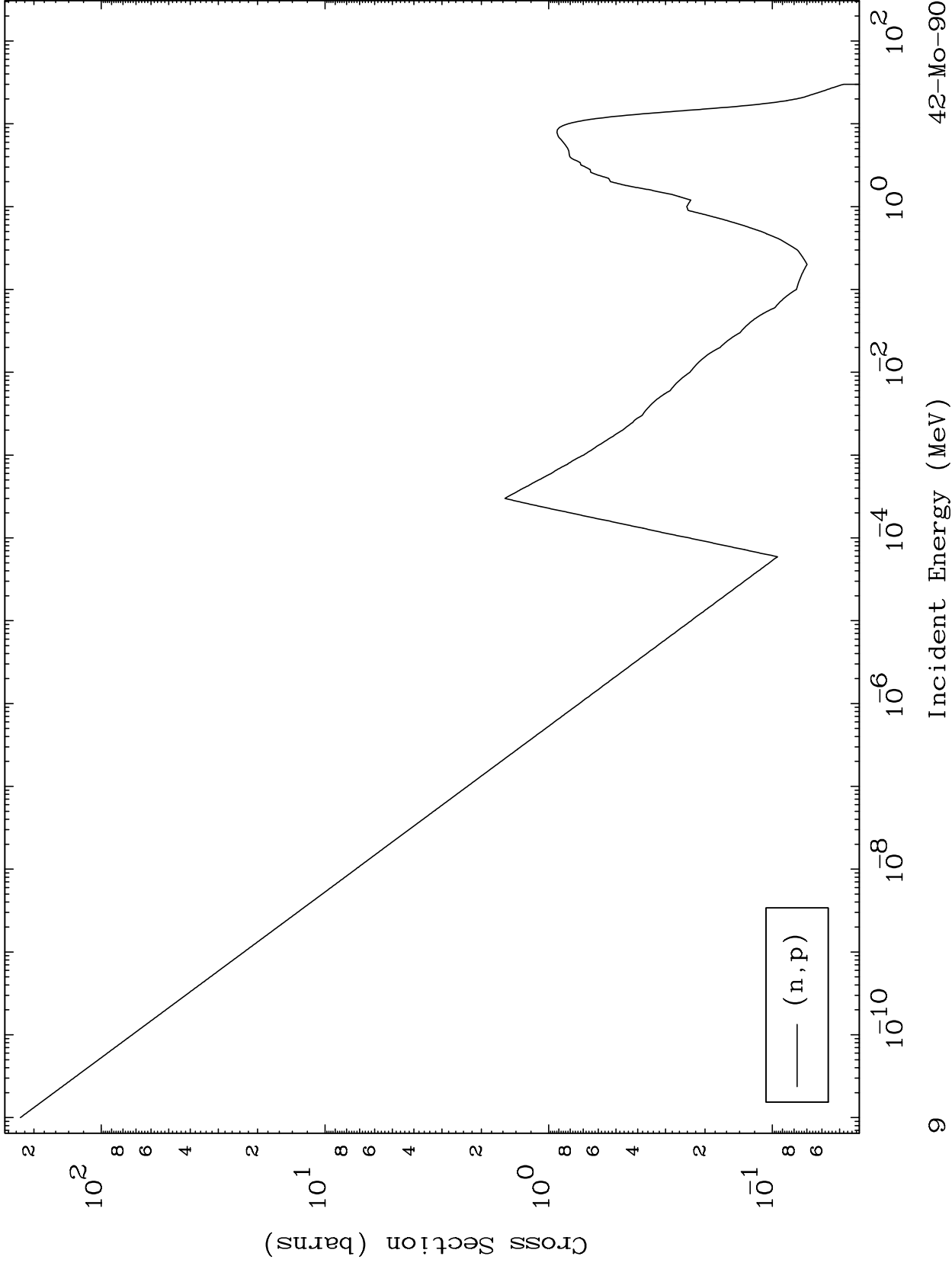
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,p) Levels
293 Kelvin Cross Sections

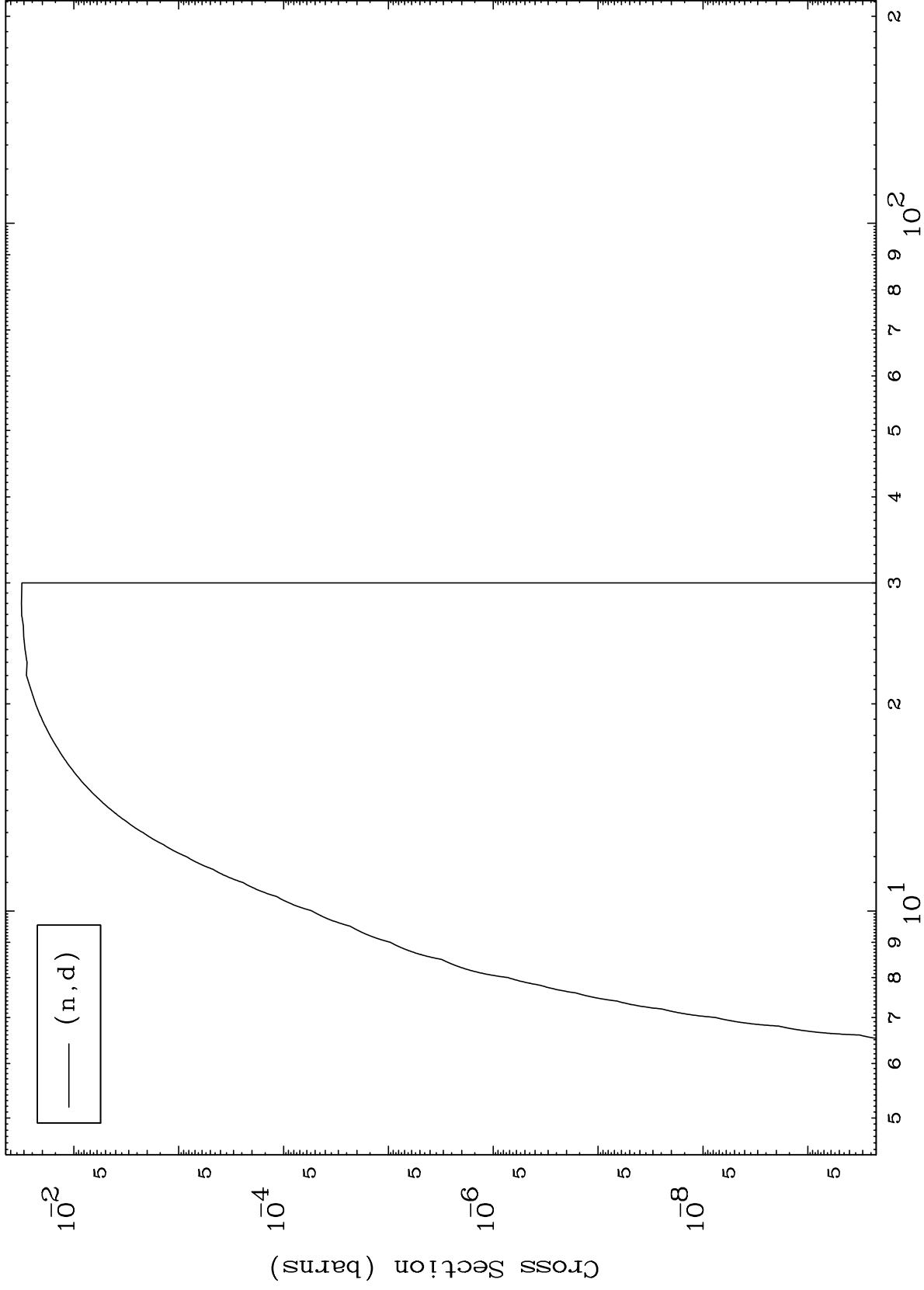
42-Mo-90



MAT 4219

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-90



10

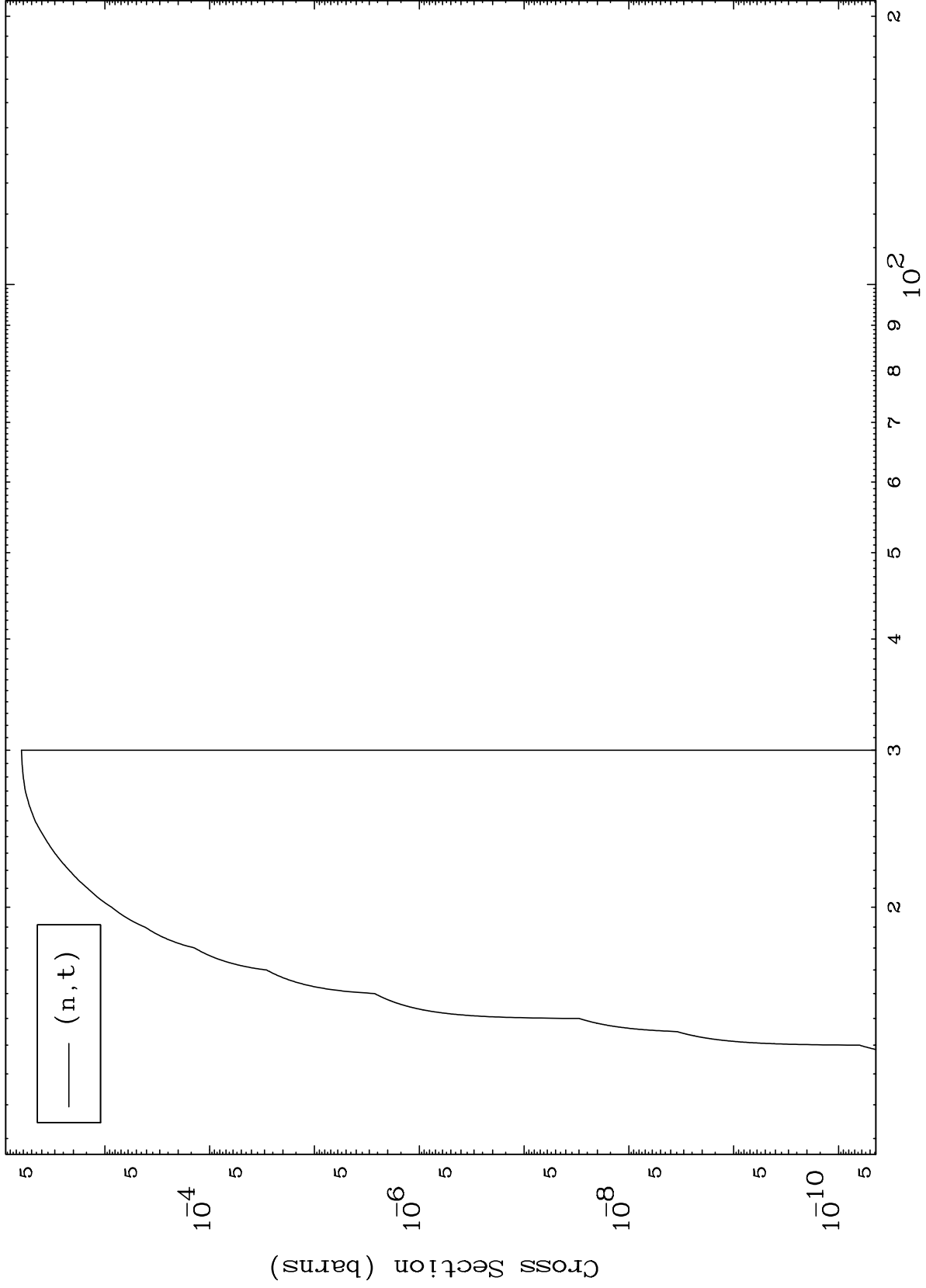
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-90



11

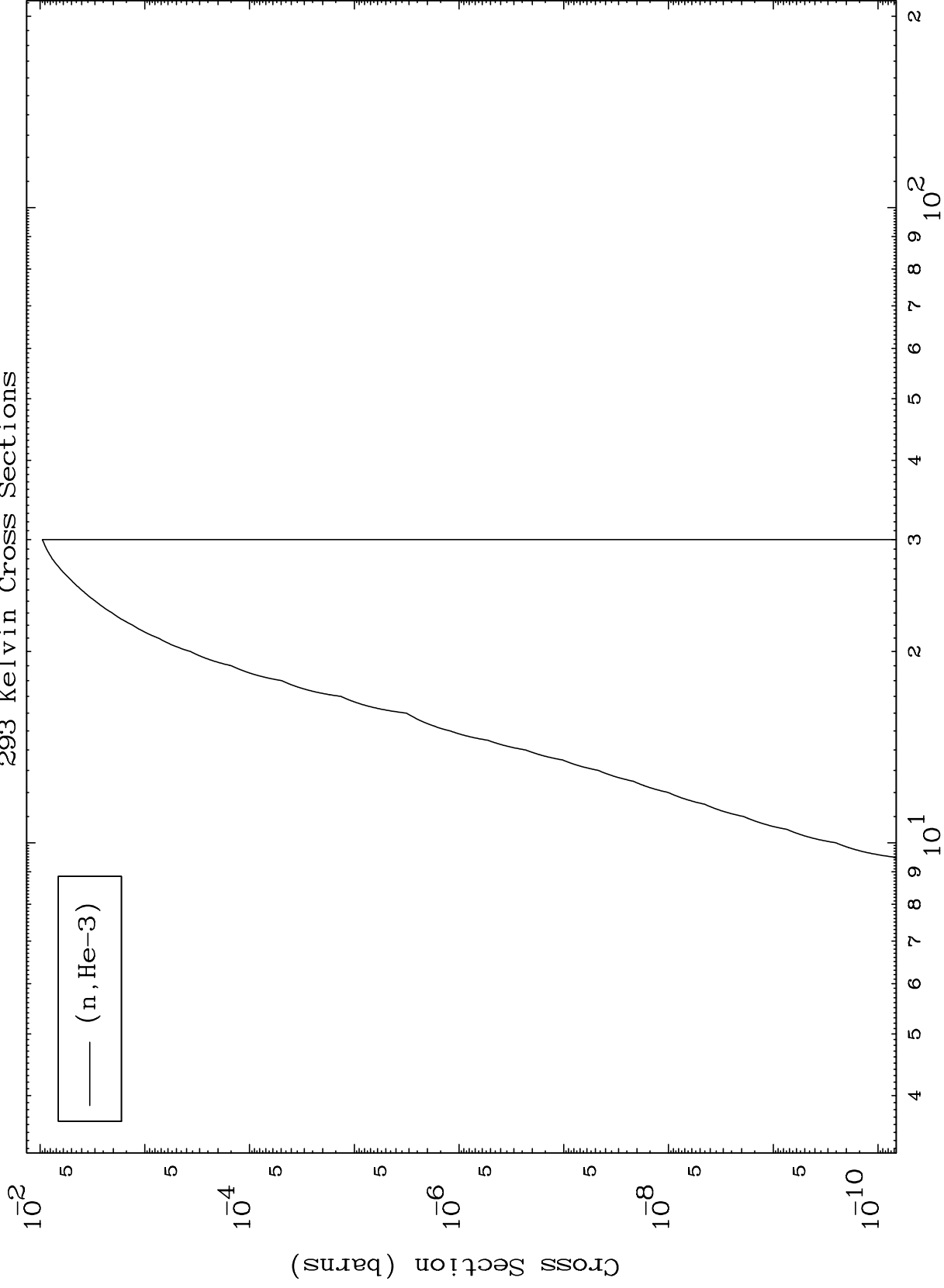
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-90



12

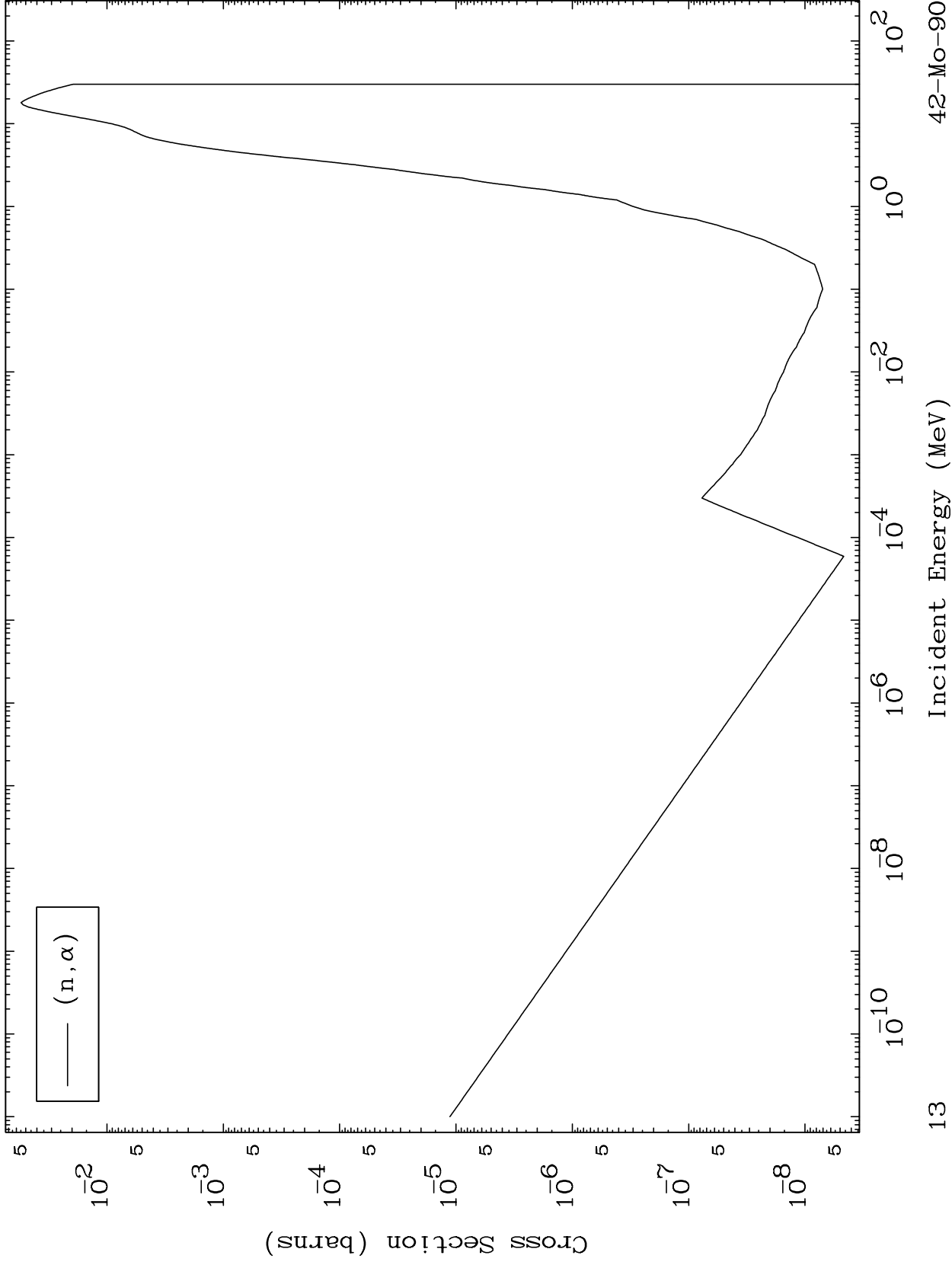
Incident Energy (MeV)

42-Mo-90

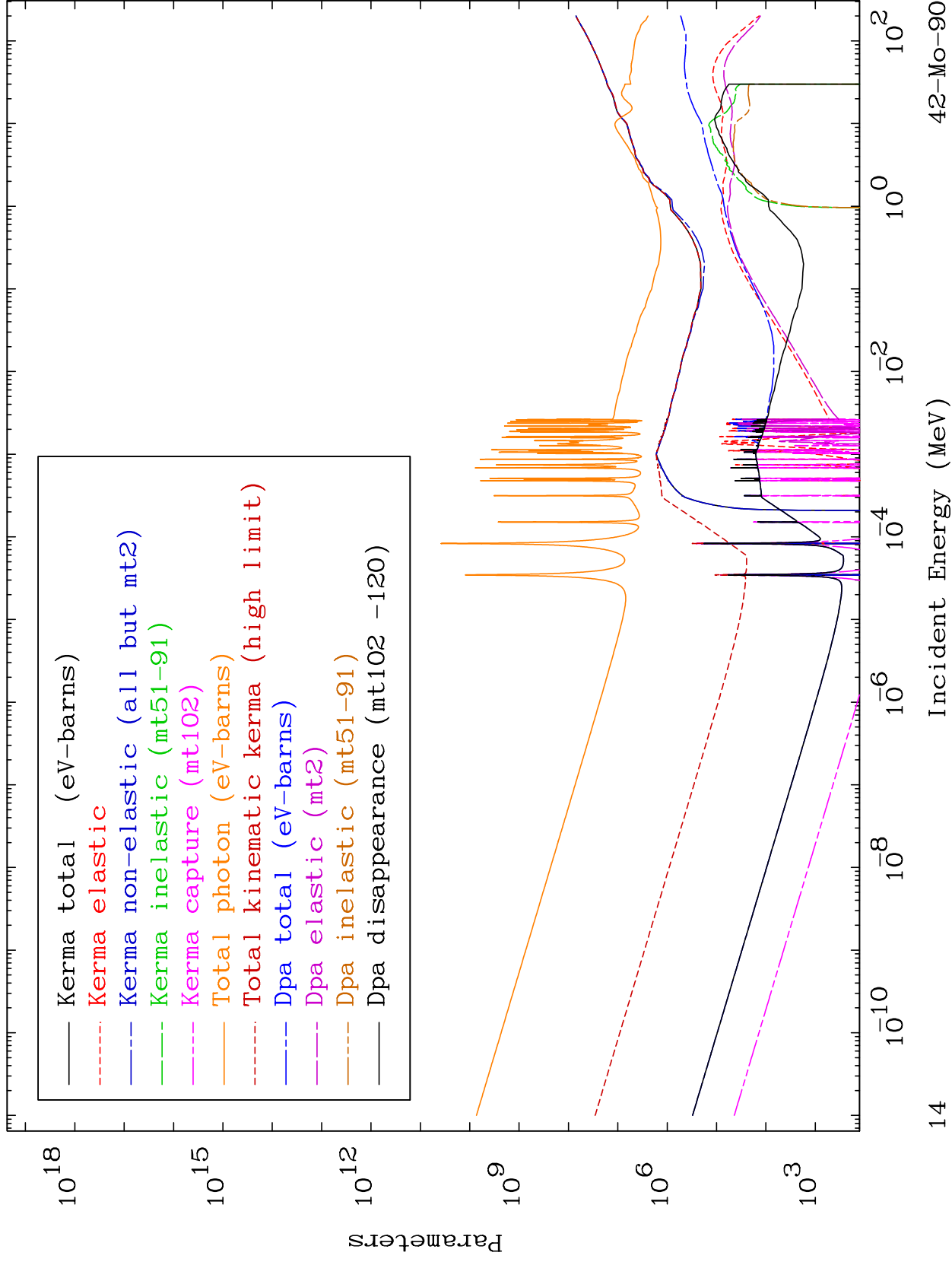
MAT 4219

(n, α) Levels
293 Kelvin Cross Sections

42-Mo-90



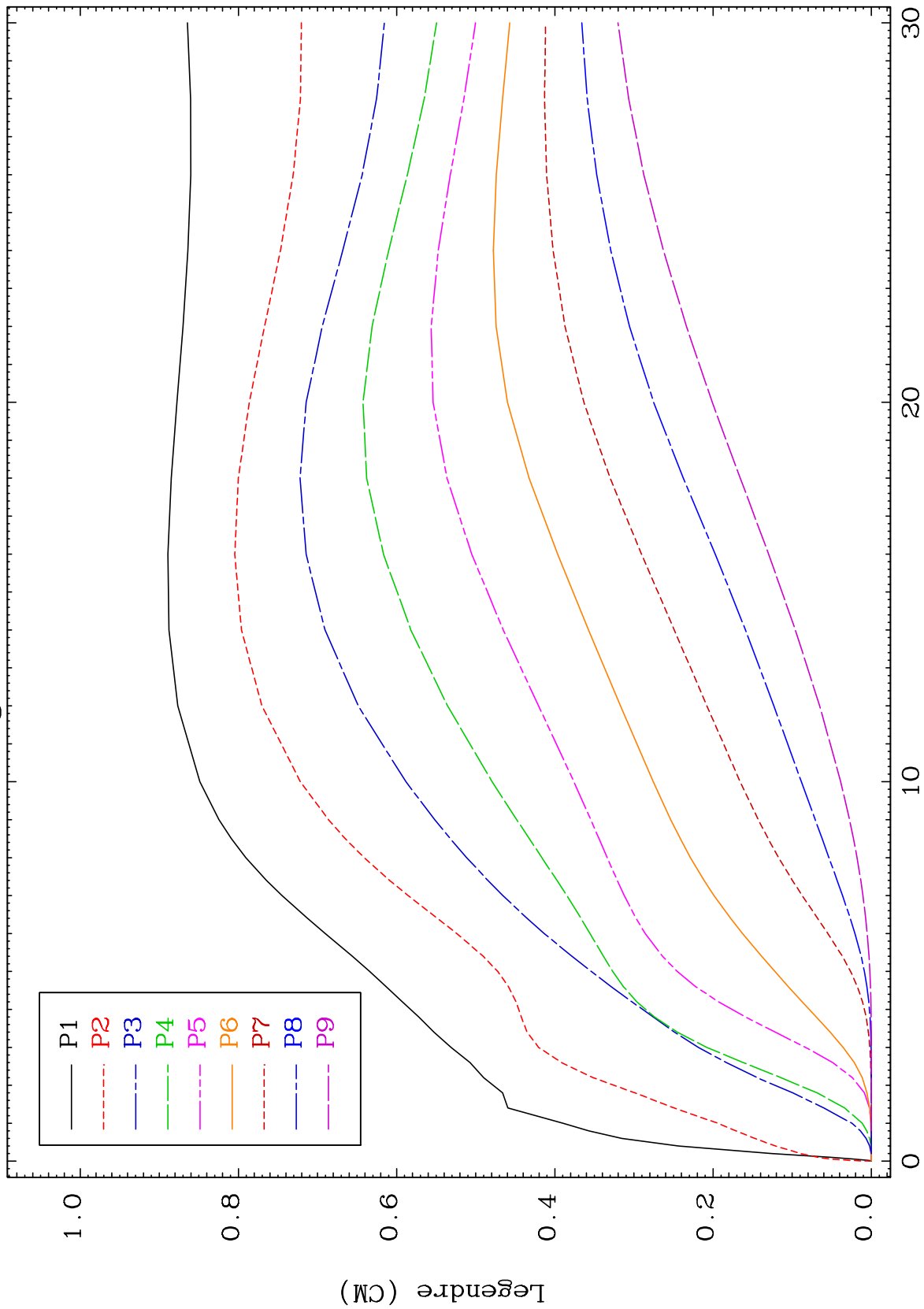
13



MAT 4219

Elastic Legendre Coefficients

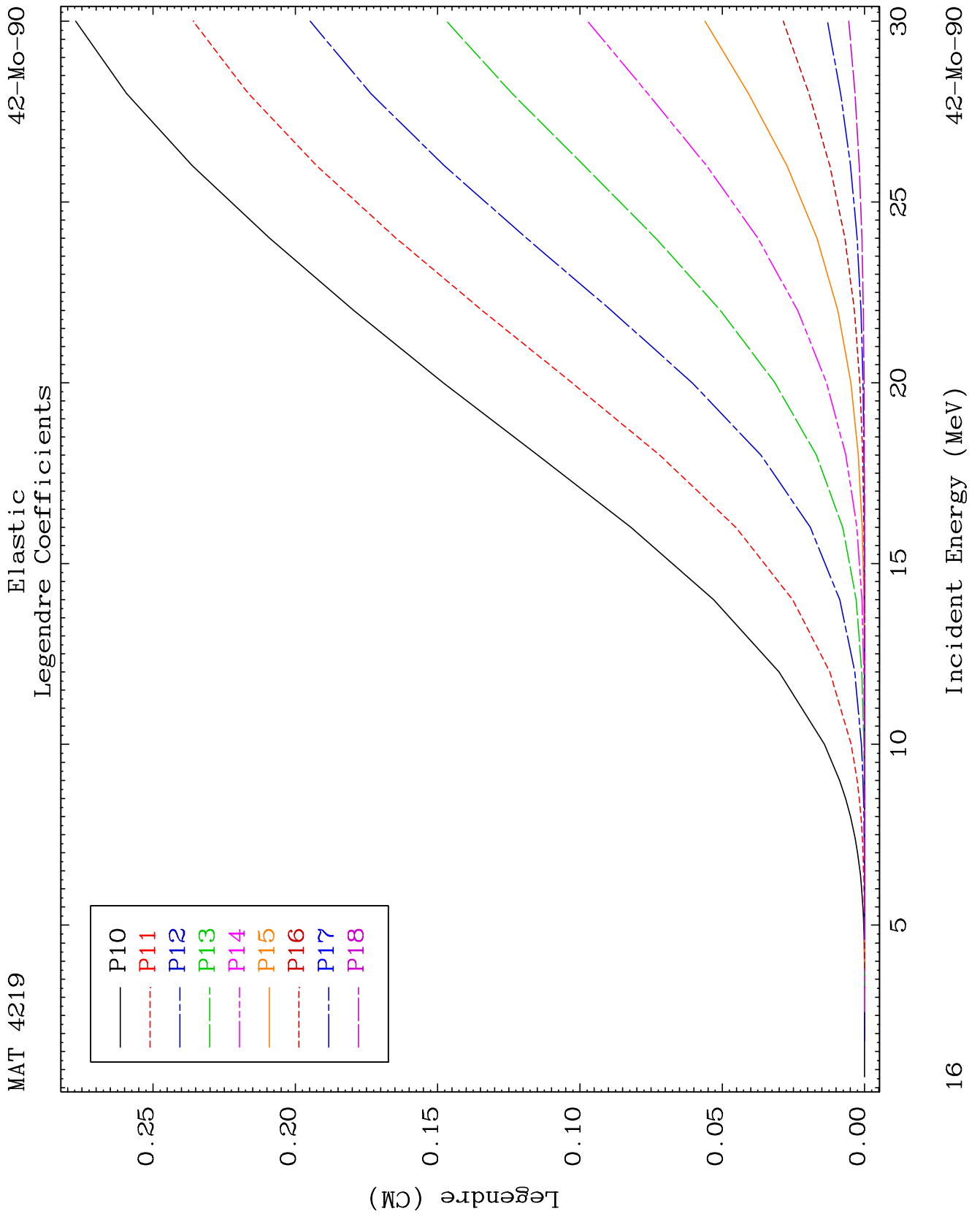
42-Mo-90

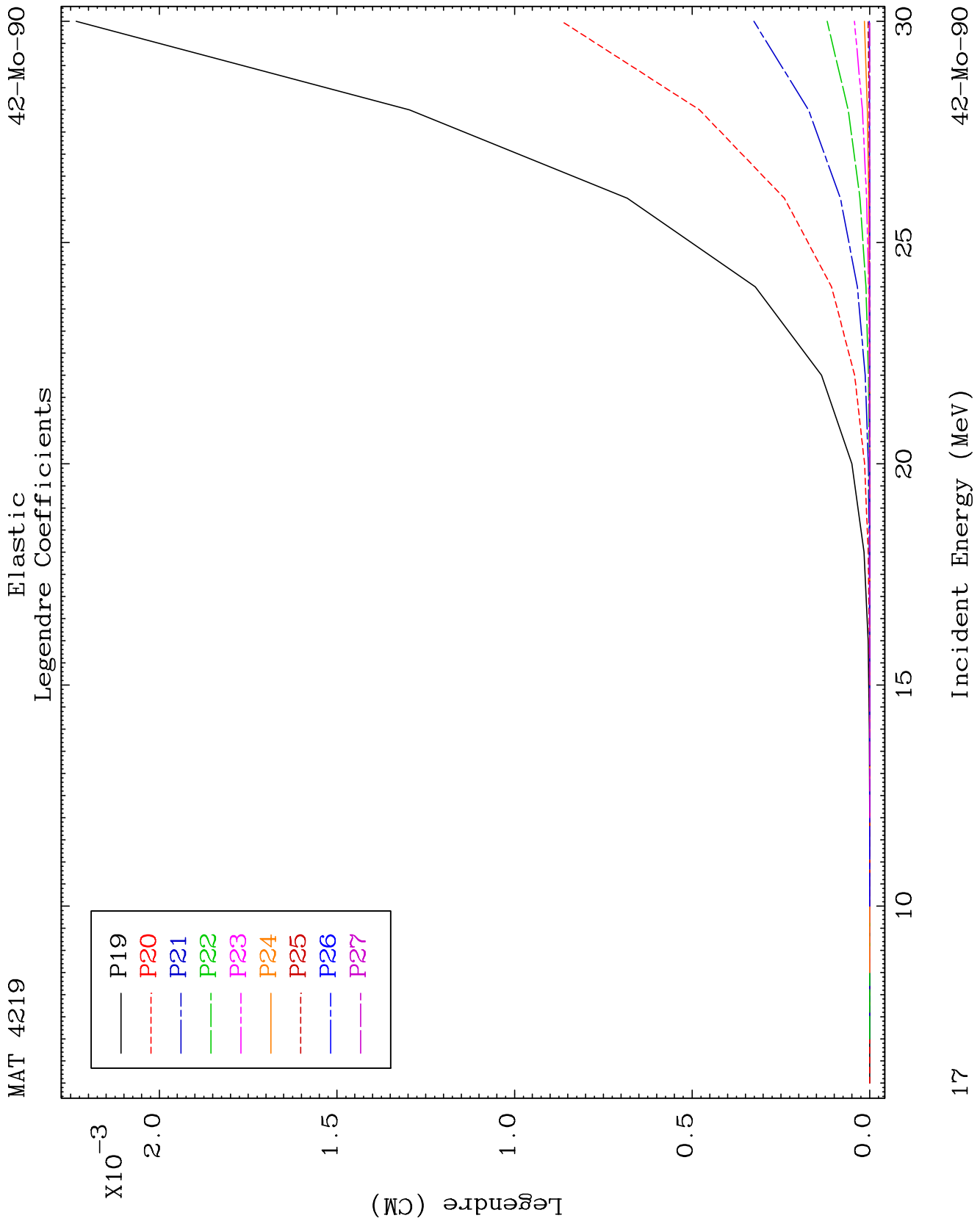


15

Incident Energy (MeV)

42-Mo-90

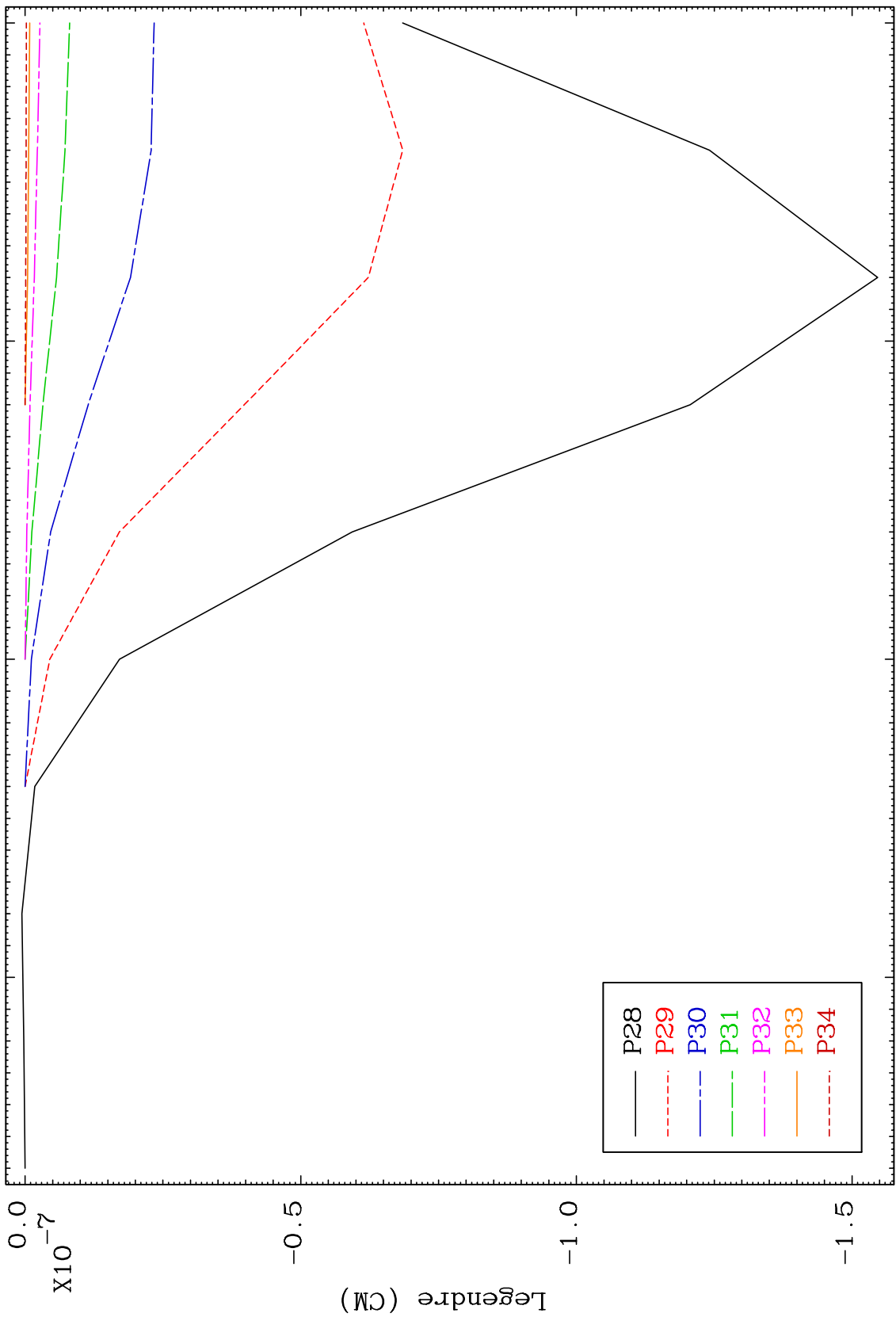




MAT 4219

42-Mo-90

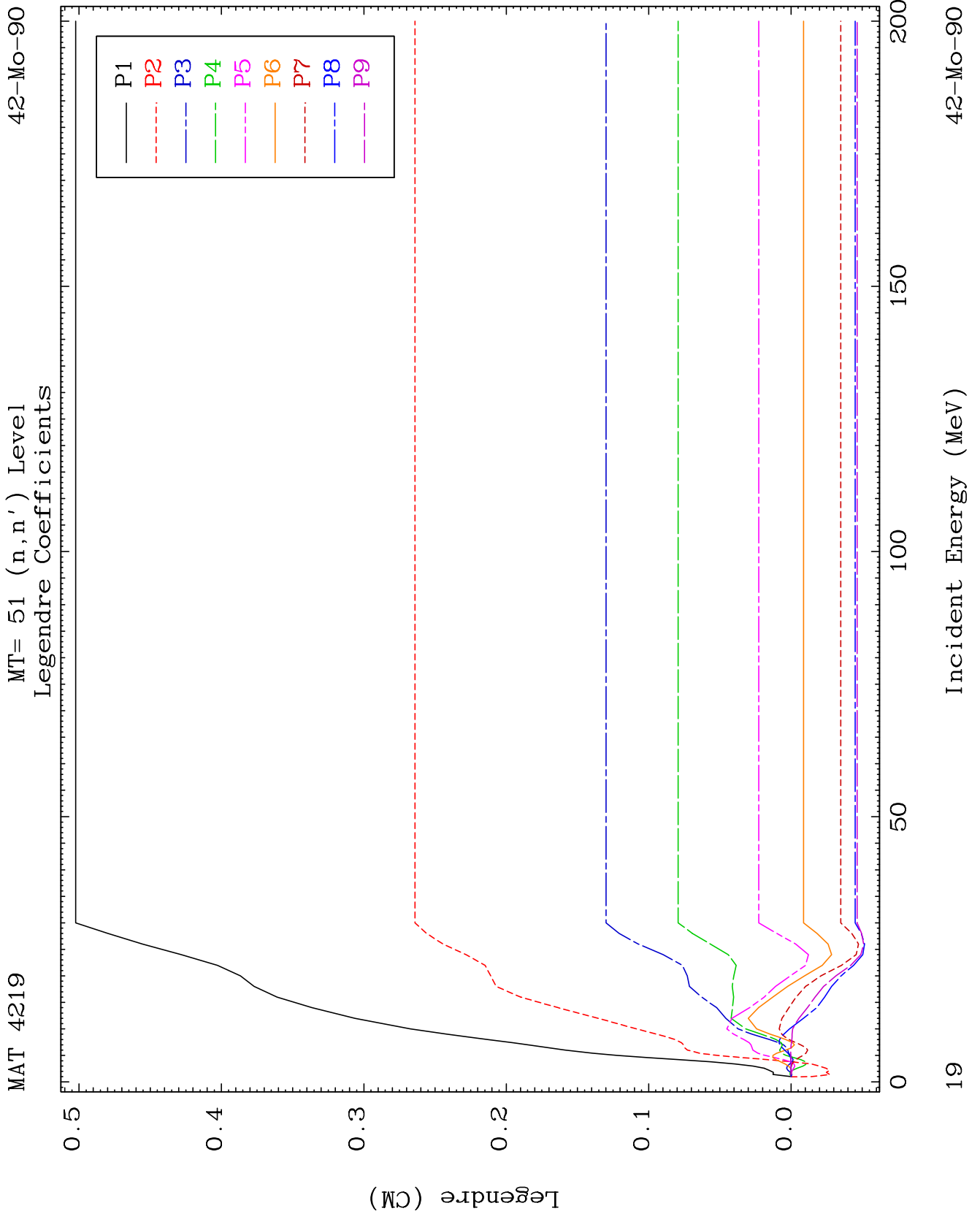
Elastic Legendre Coefficients

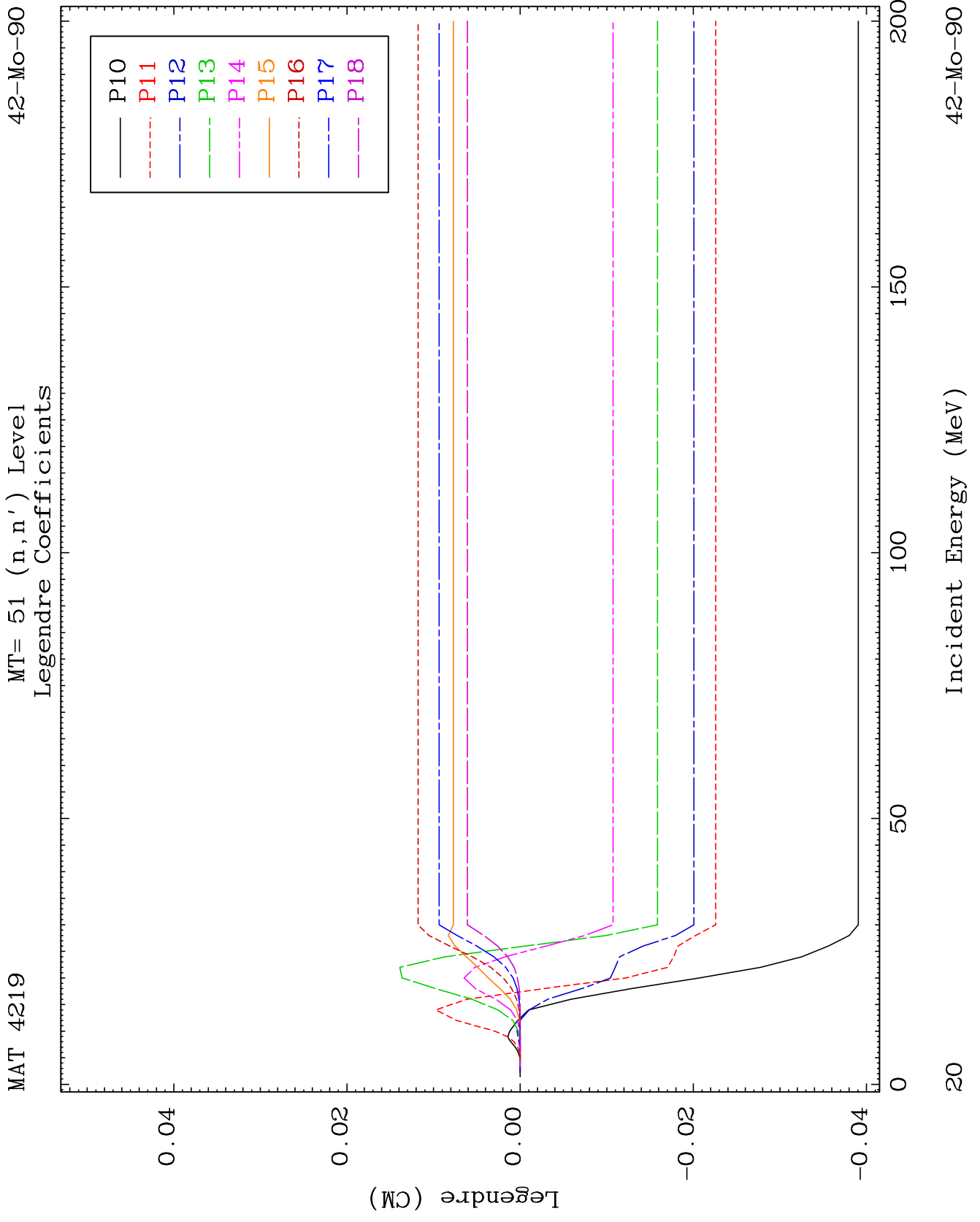


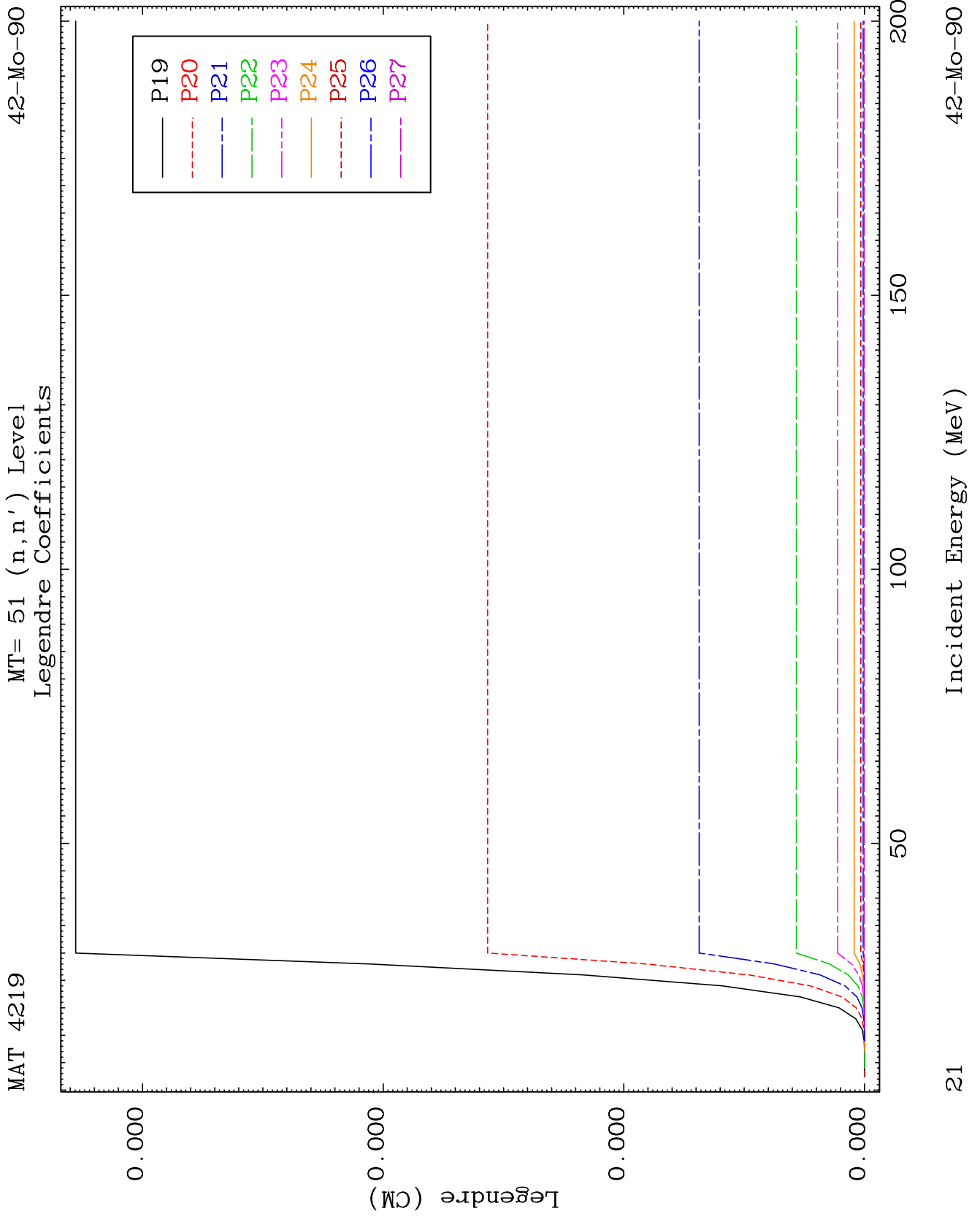
18

Incident Energy (MeV)

42-Mo-90



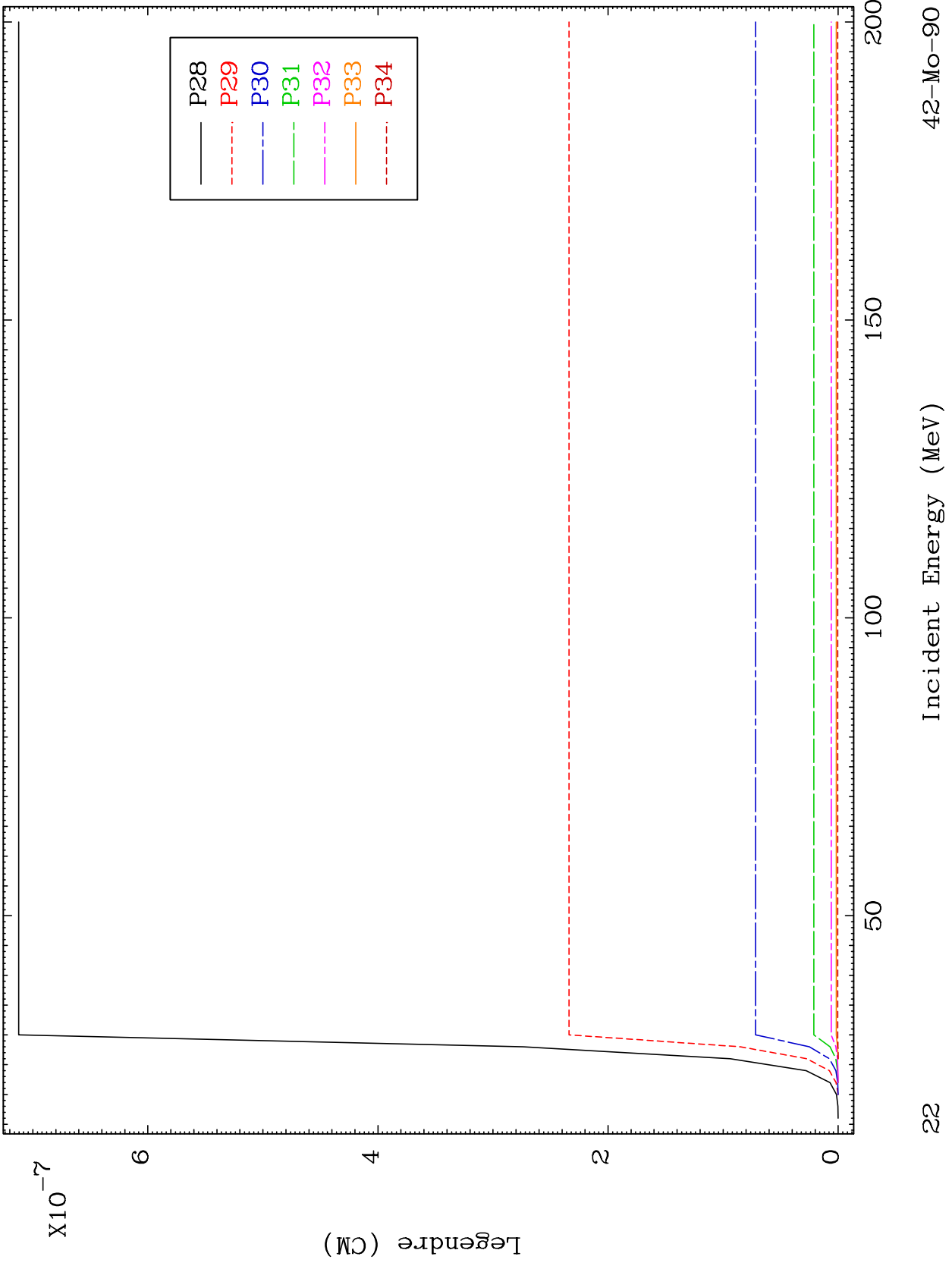




MAT 4219

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

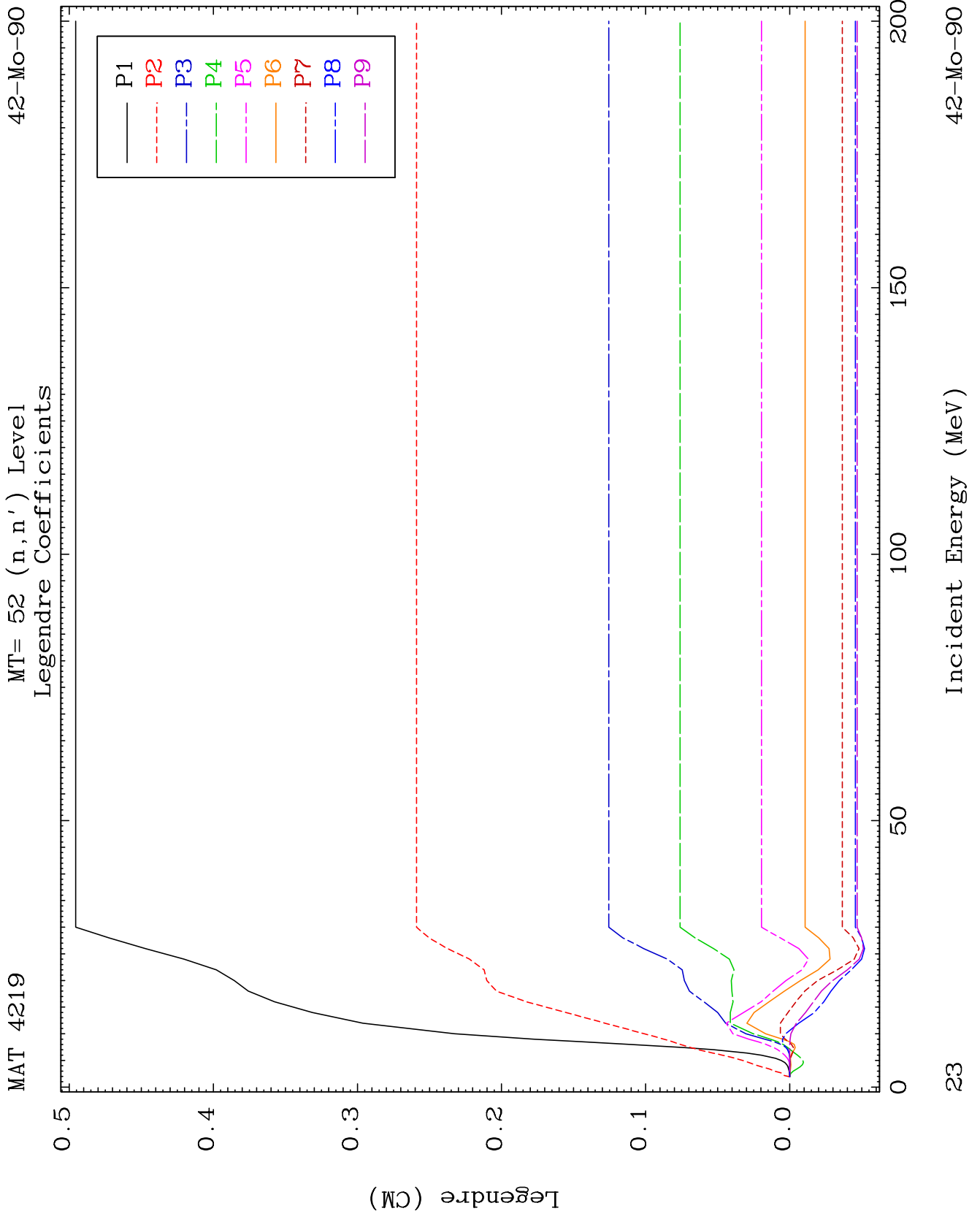
42-Mo-90



22

Incident Energy (MeV)

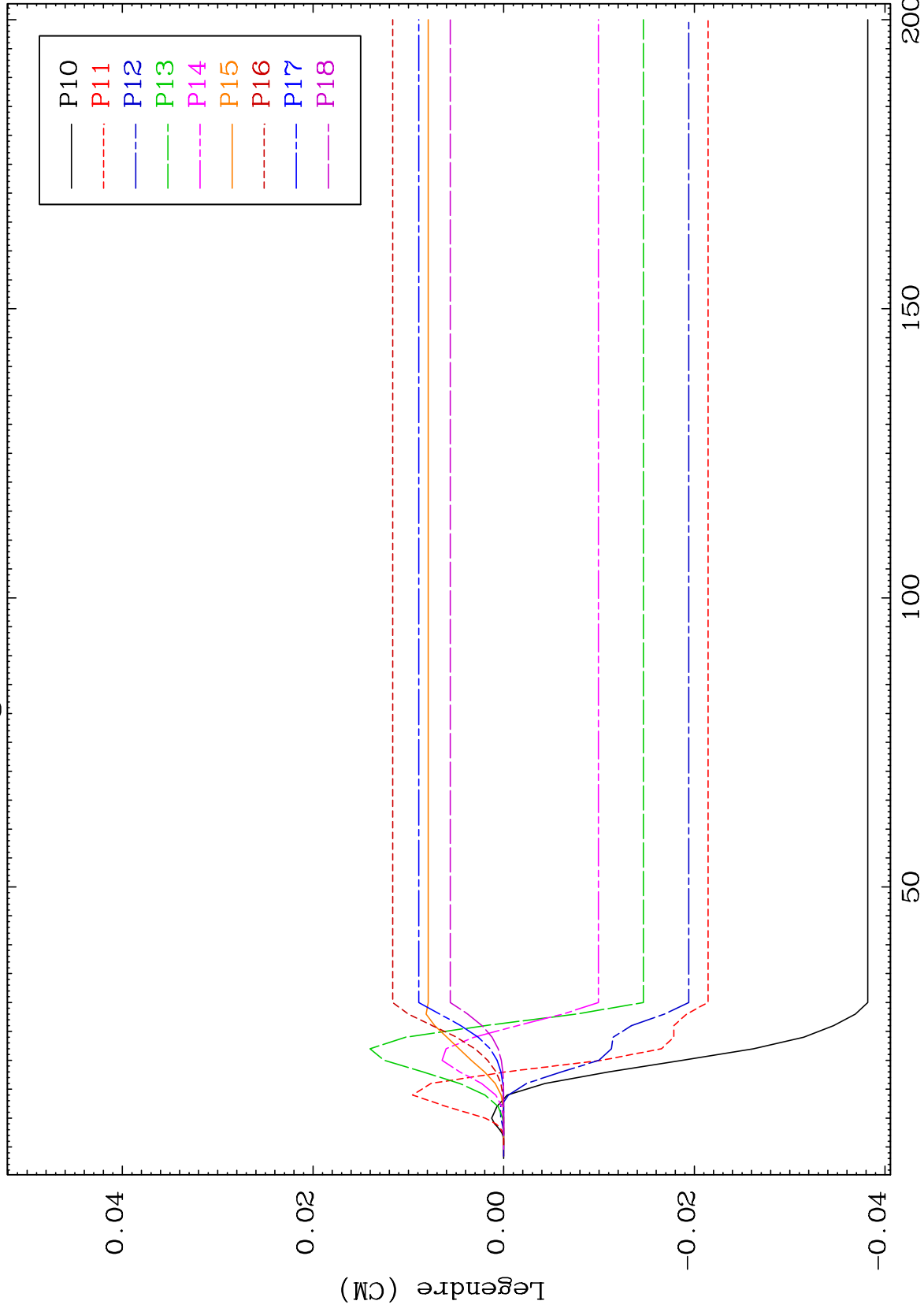
42-Mo-90



MAT 4219

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

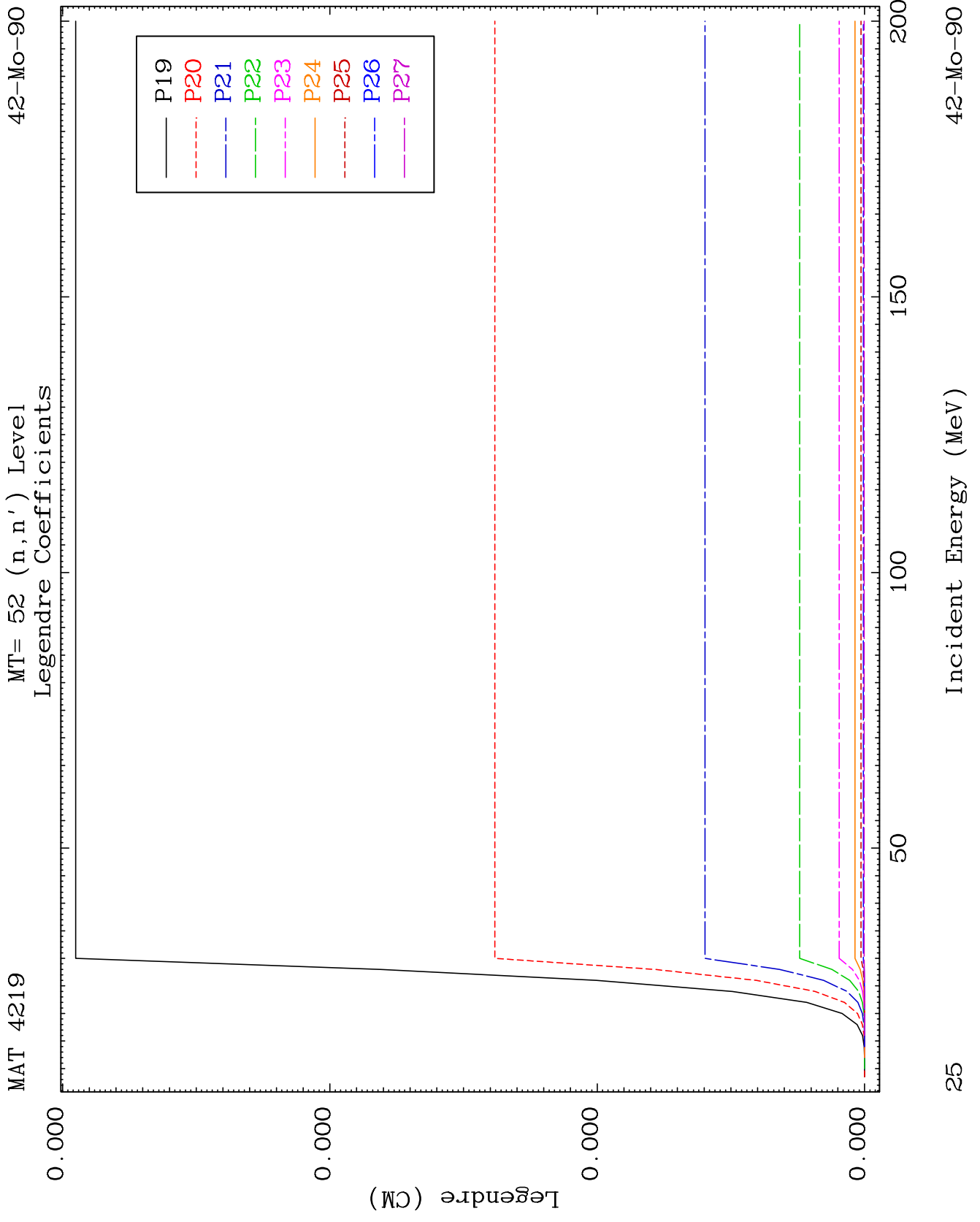
42-Mo-90



24

Incident Energy (MeV)

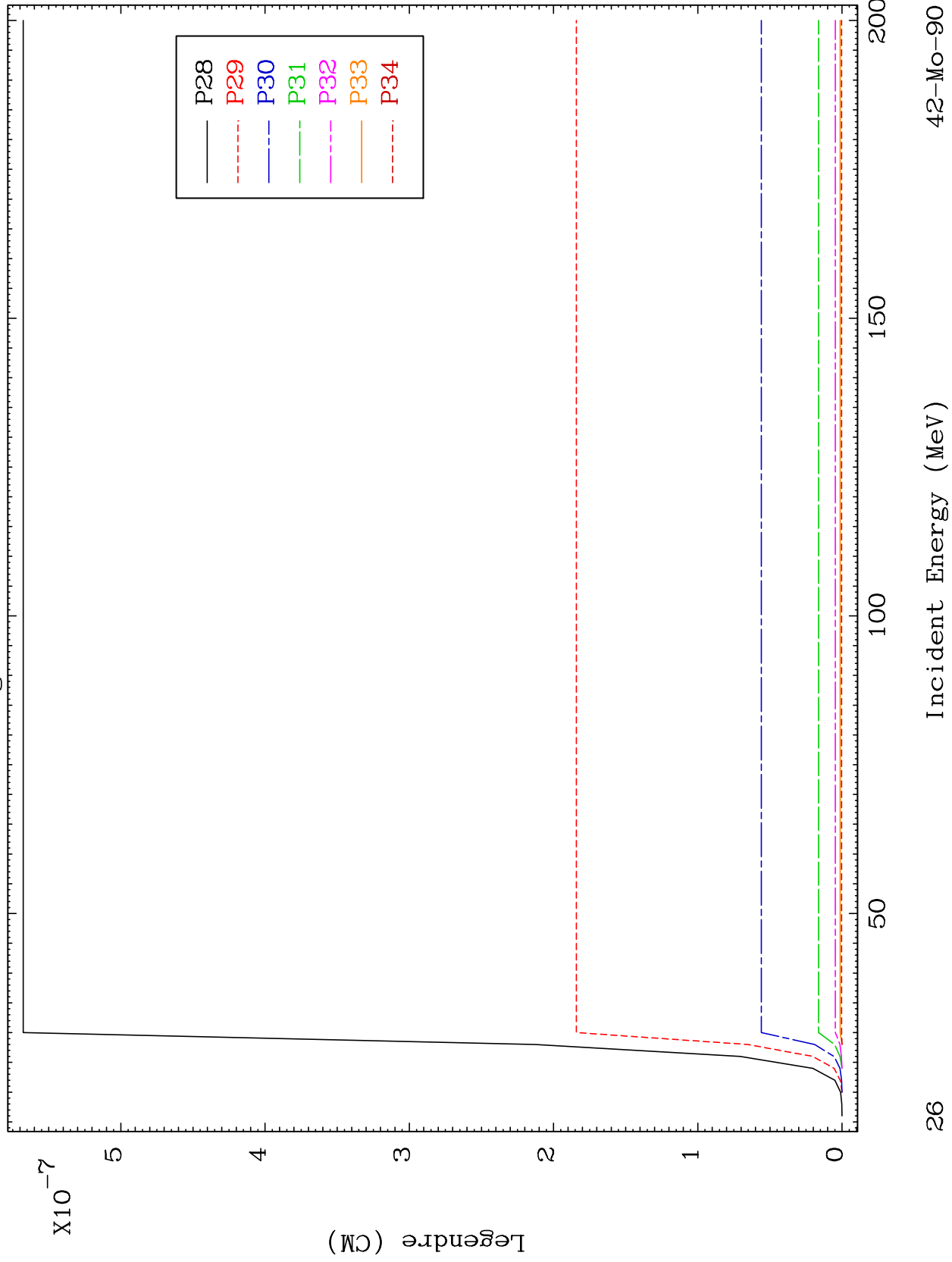
42-Mo-90



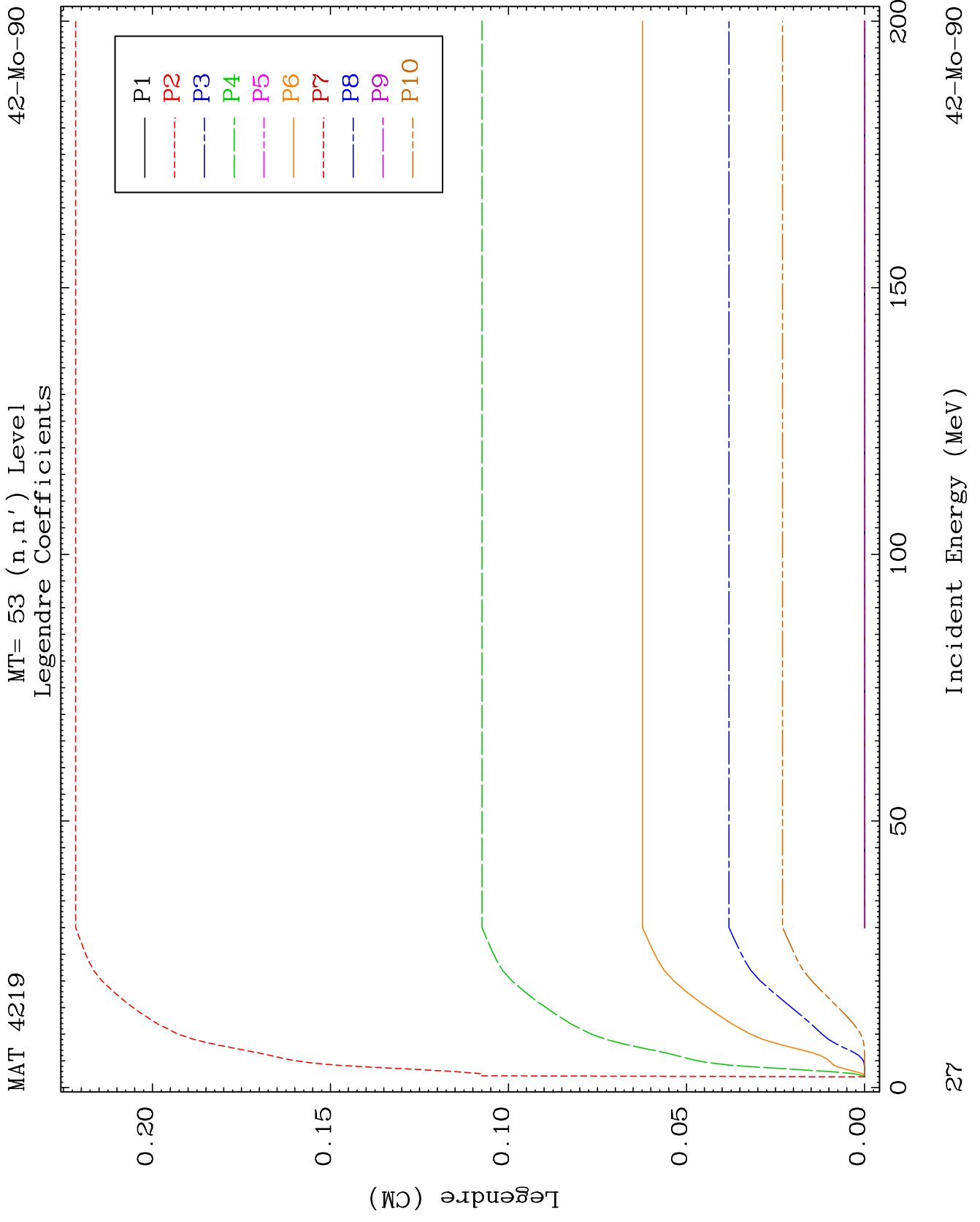
MAT 4219

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

42-Mo-90



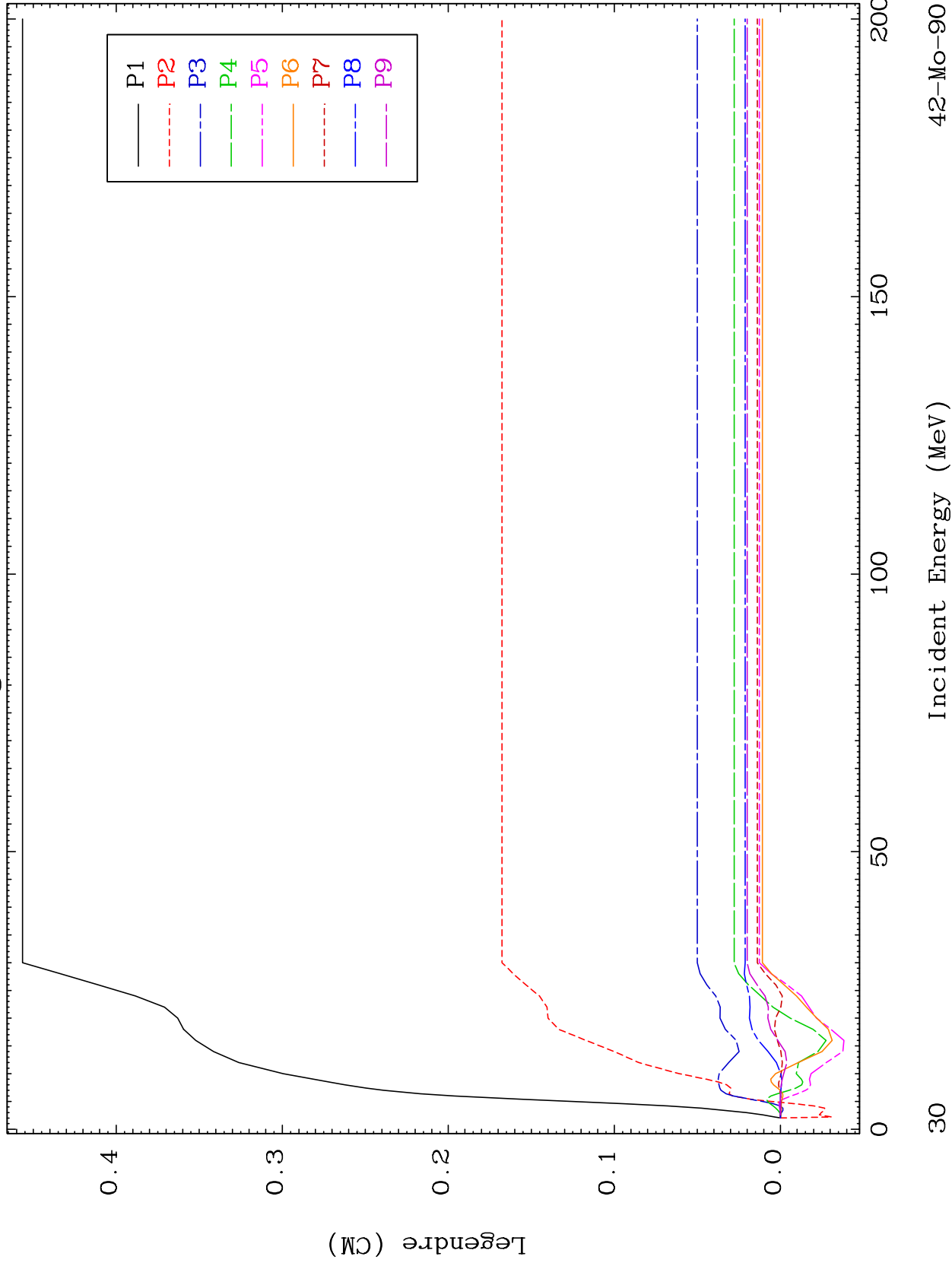
26



MAT 4219

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

42-Mo-90



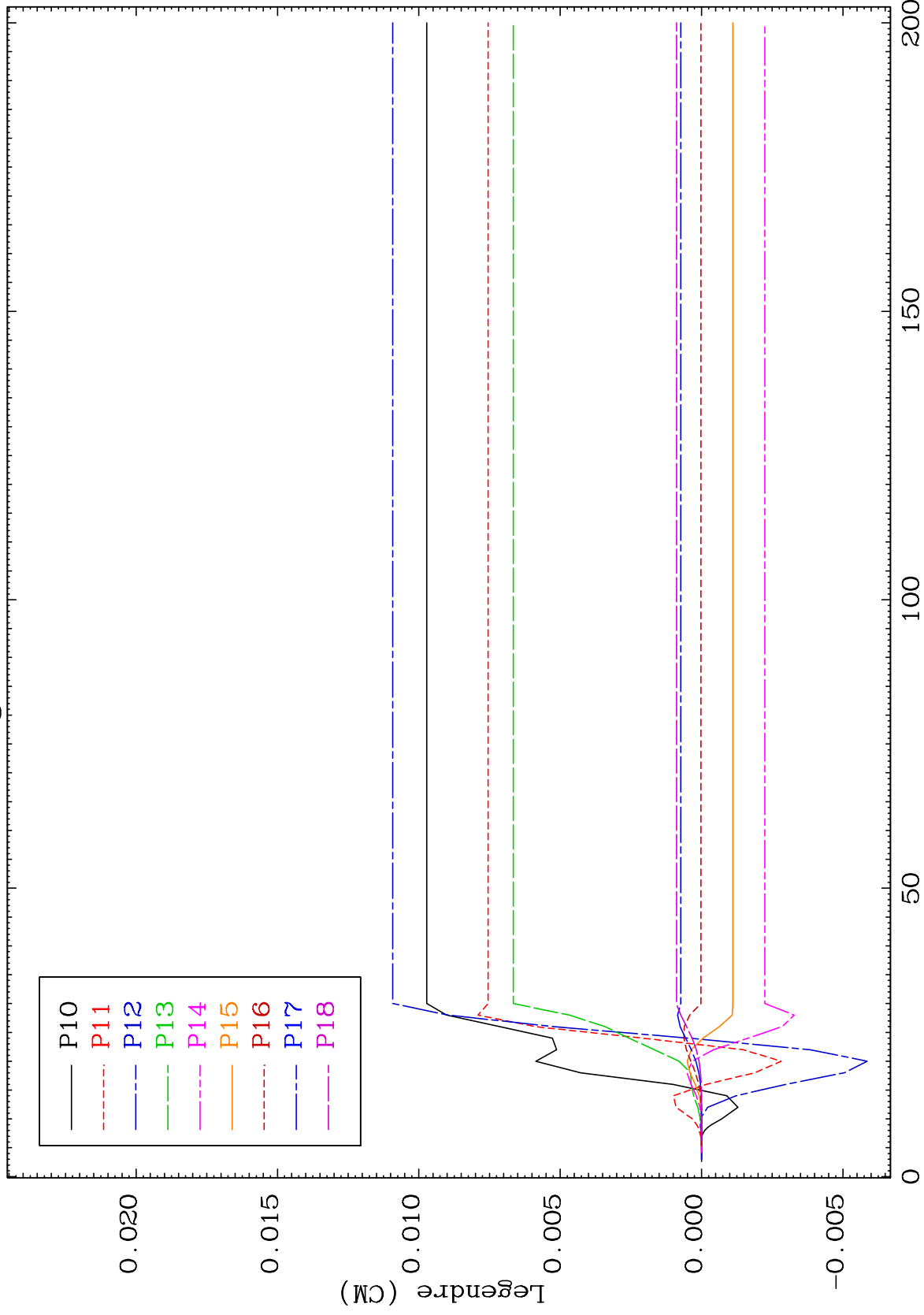
42-Mo-90

Incident Energy (MeV)

MAT 4219

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

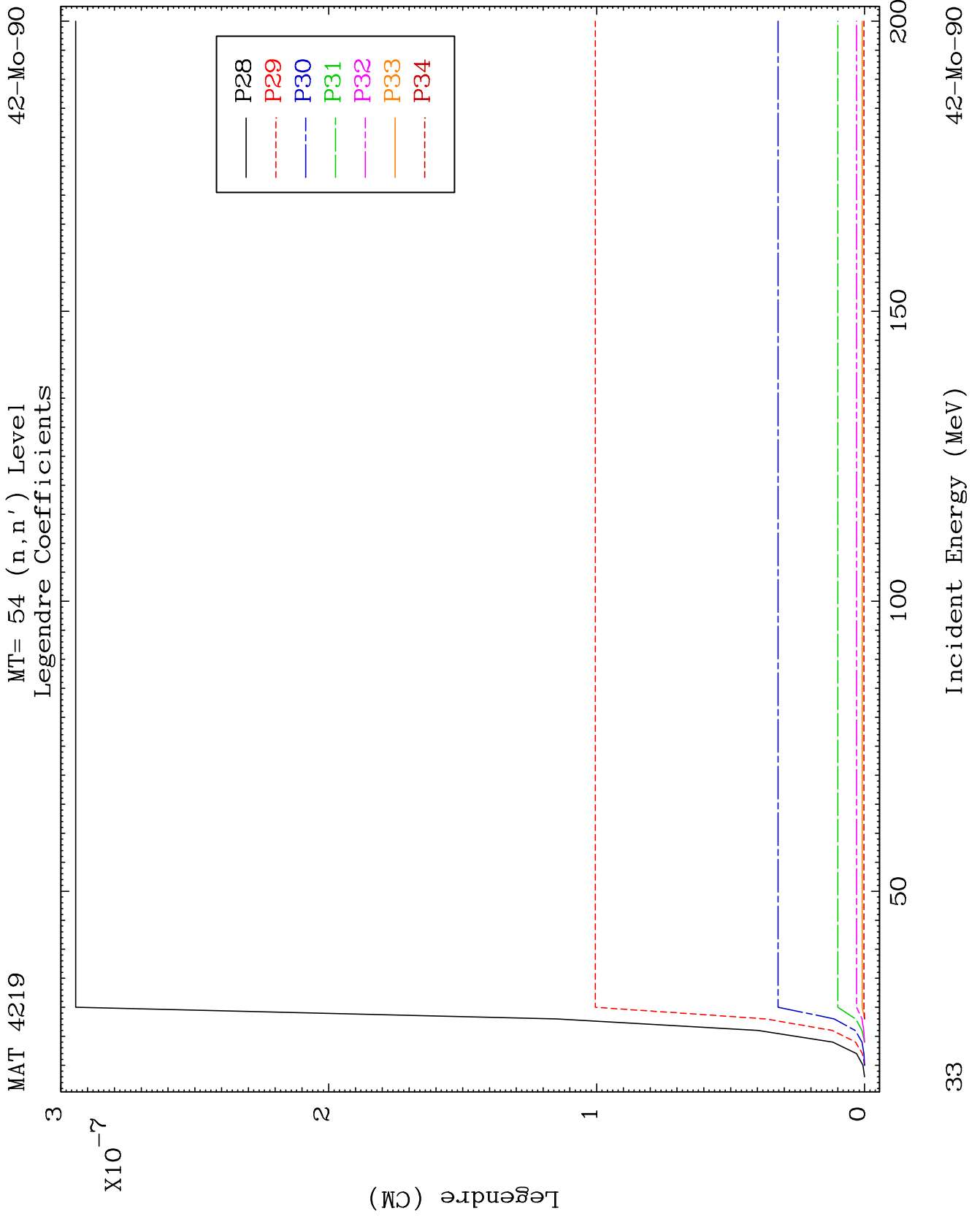
42-Mo-90



31

Incident Energy (MeV)

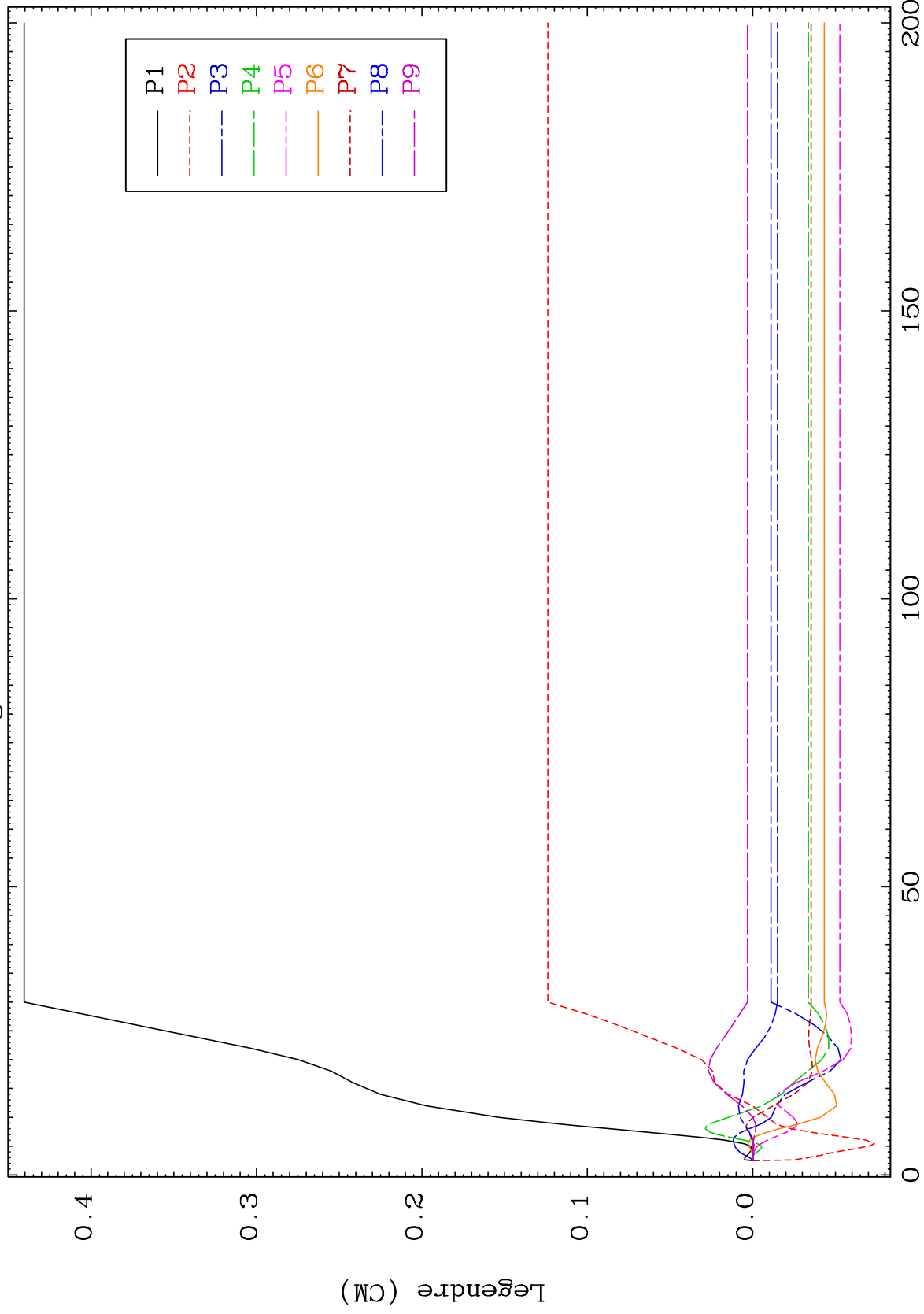
42-Mo-90



MAT 4219

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

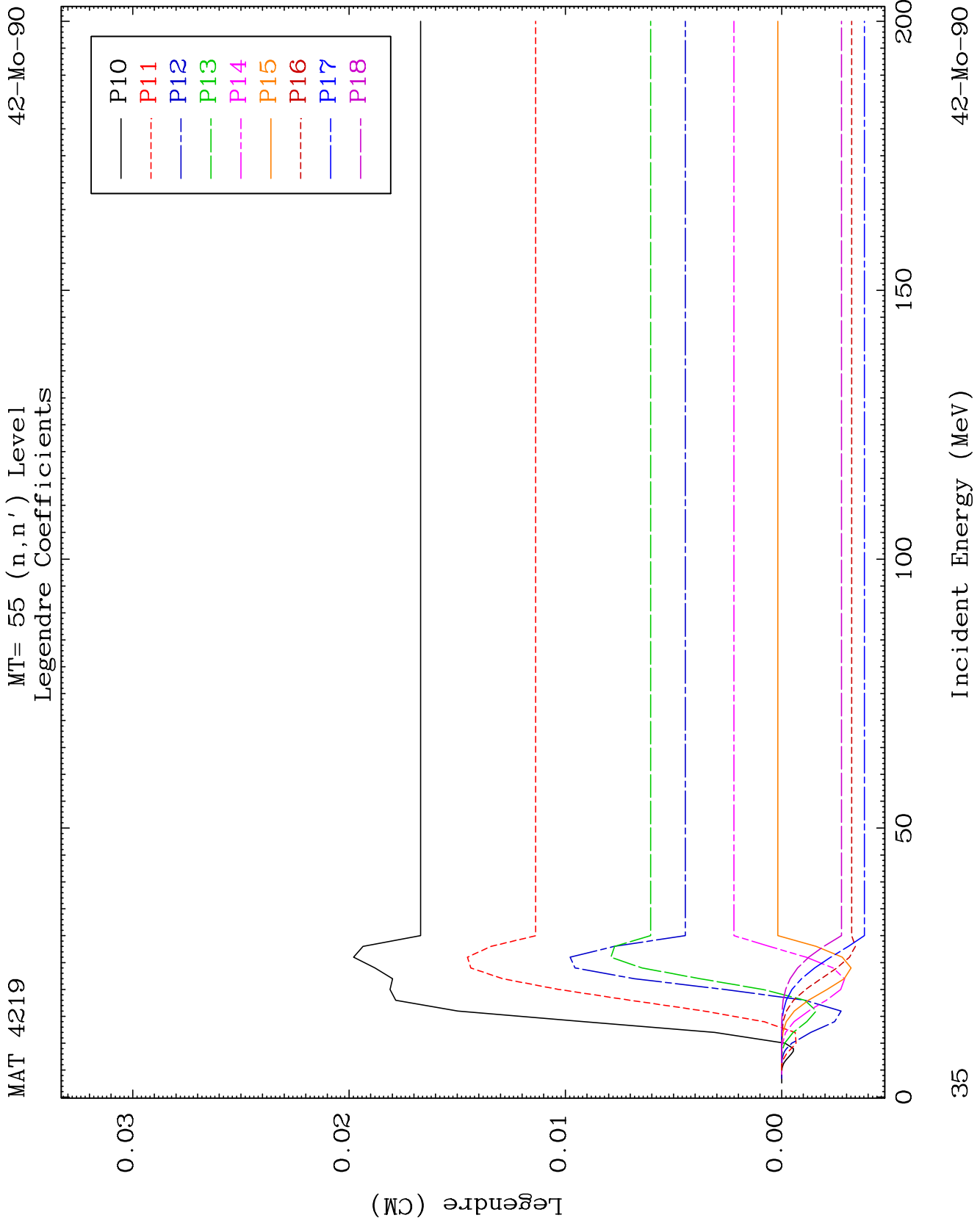
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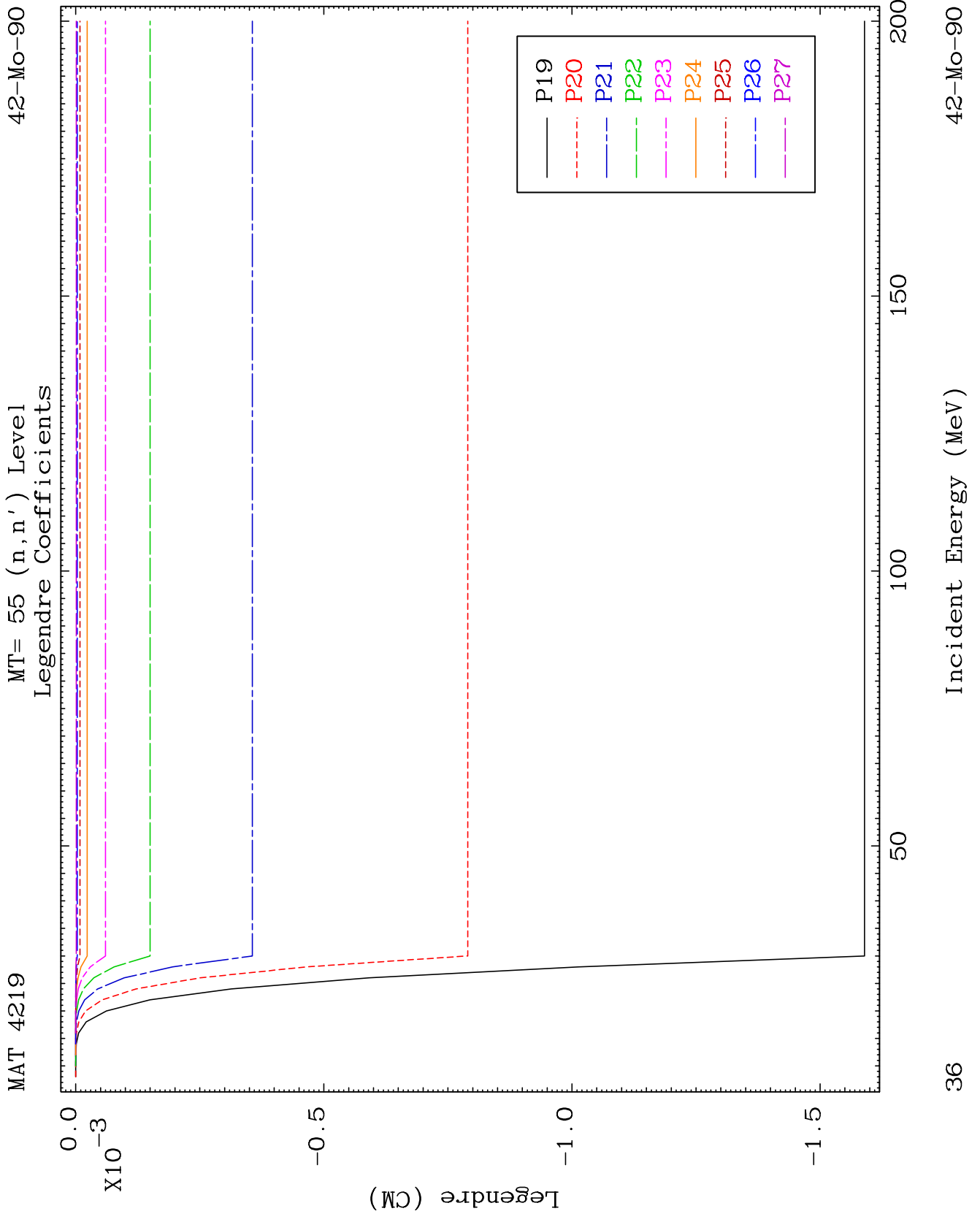


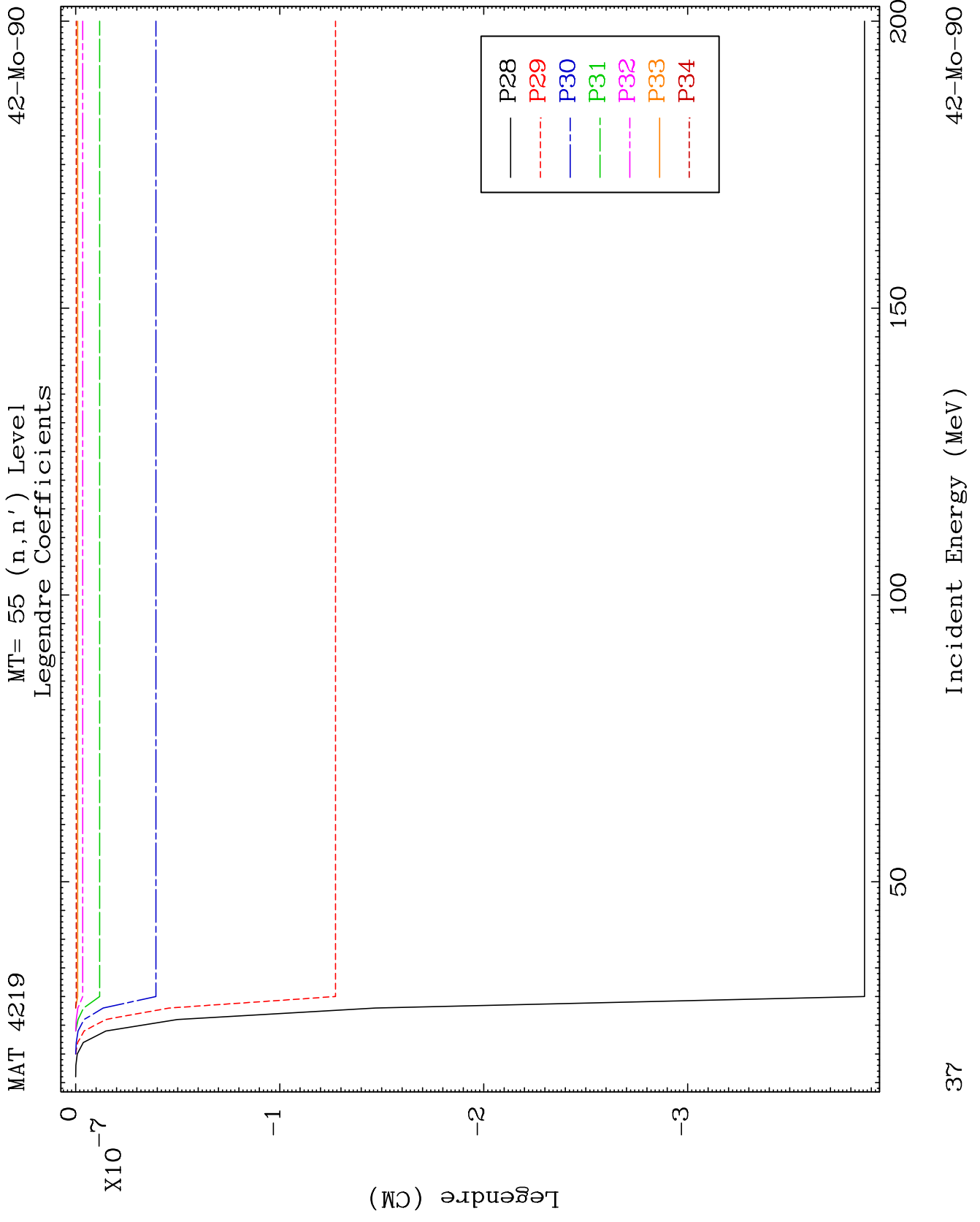
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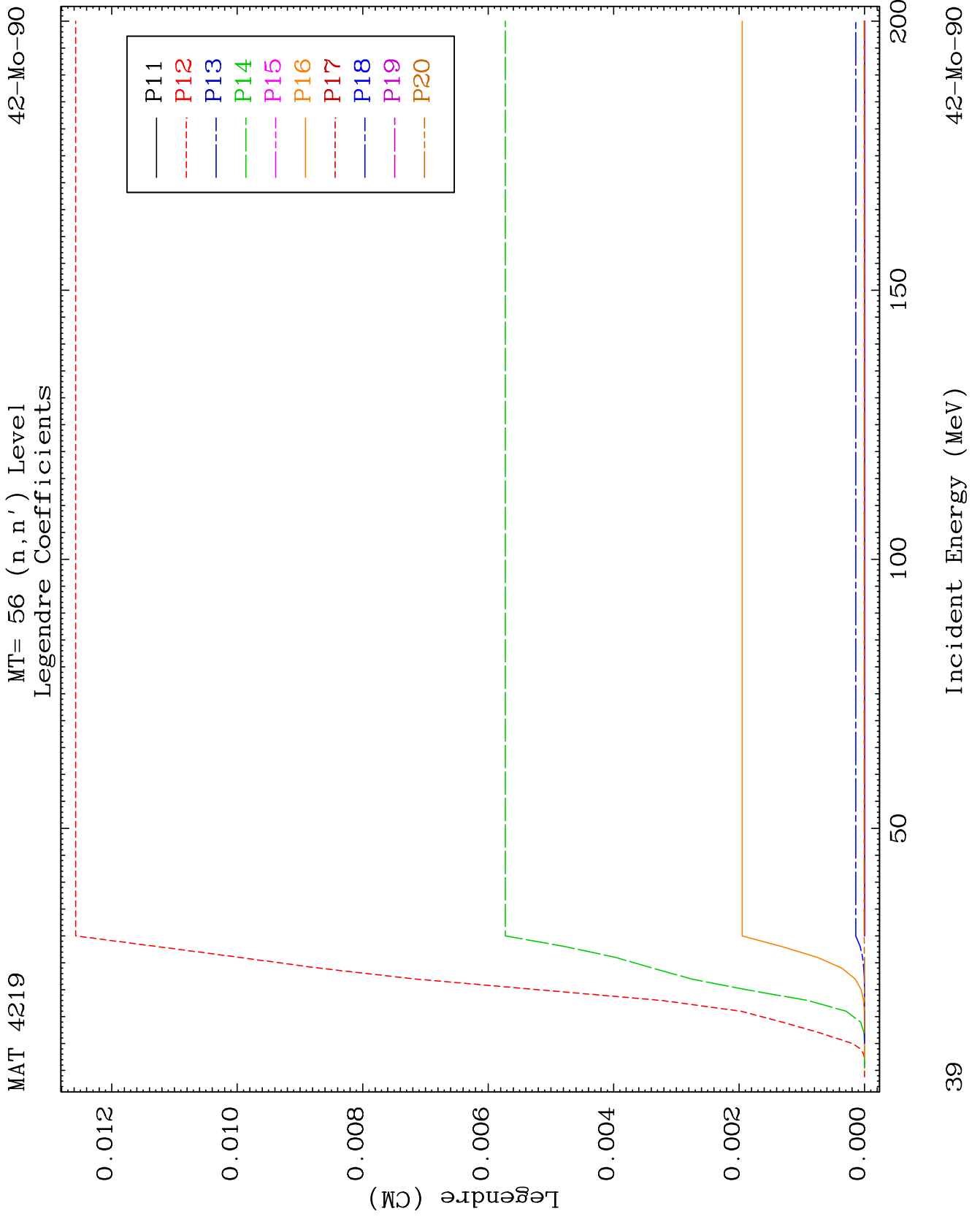
Incident Energy (MeV)

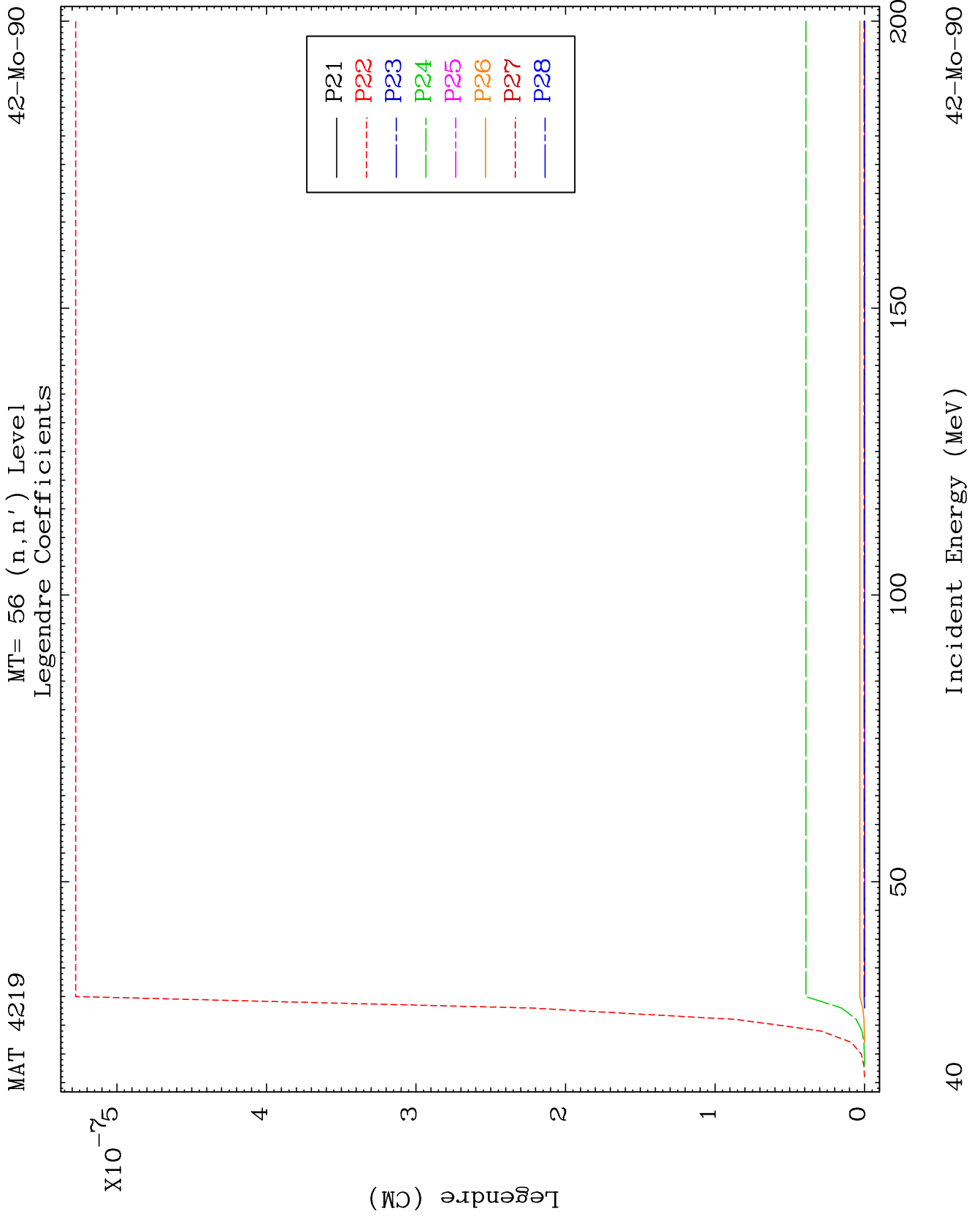
42-Mo-90

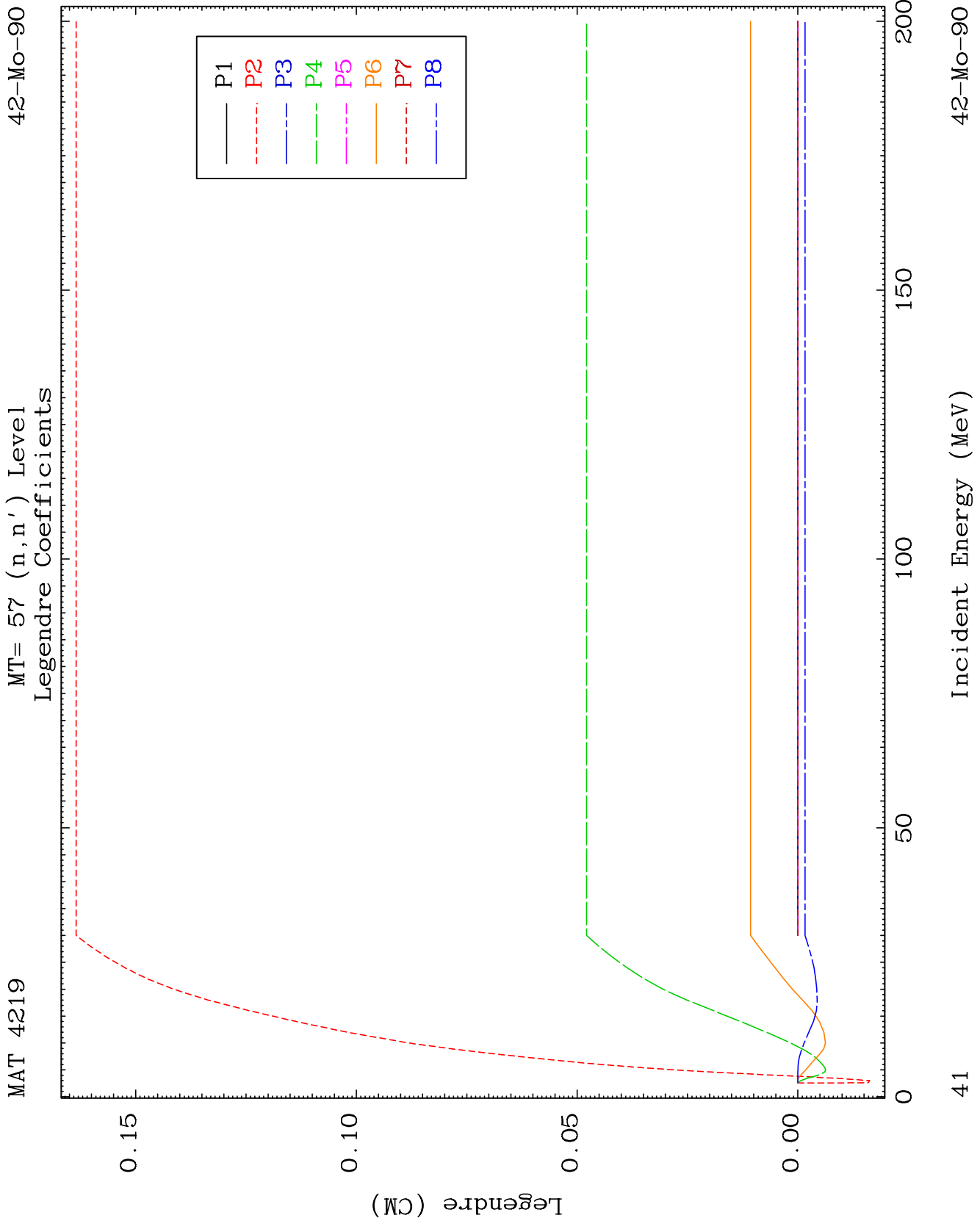


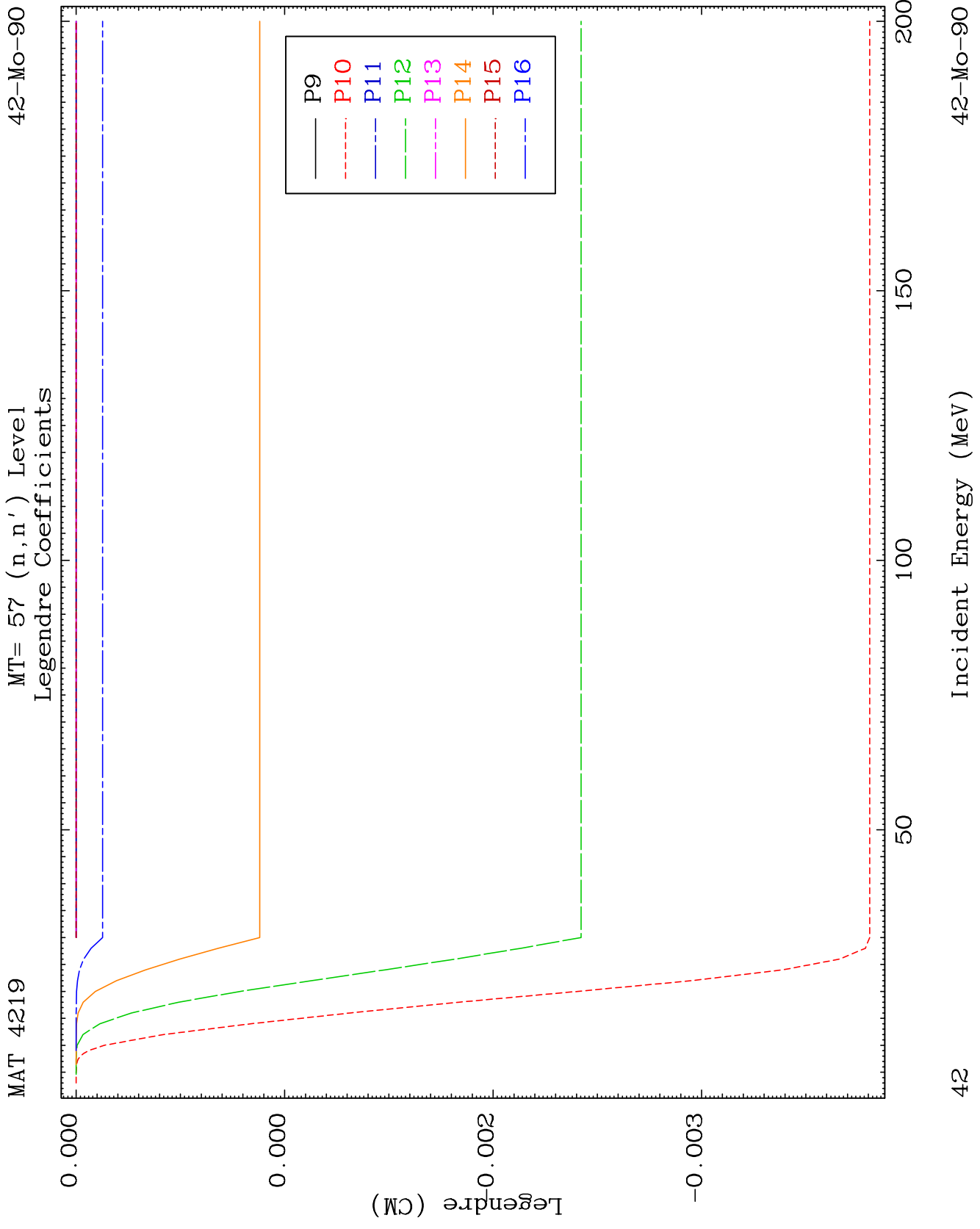


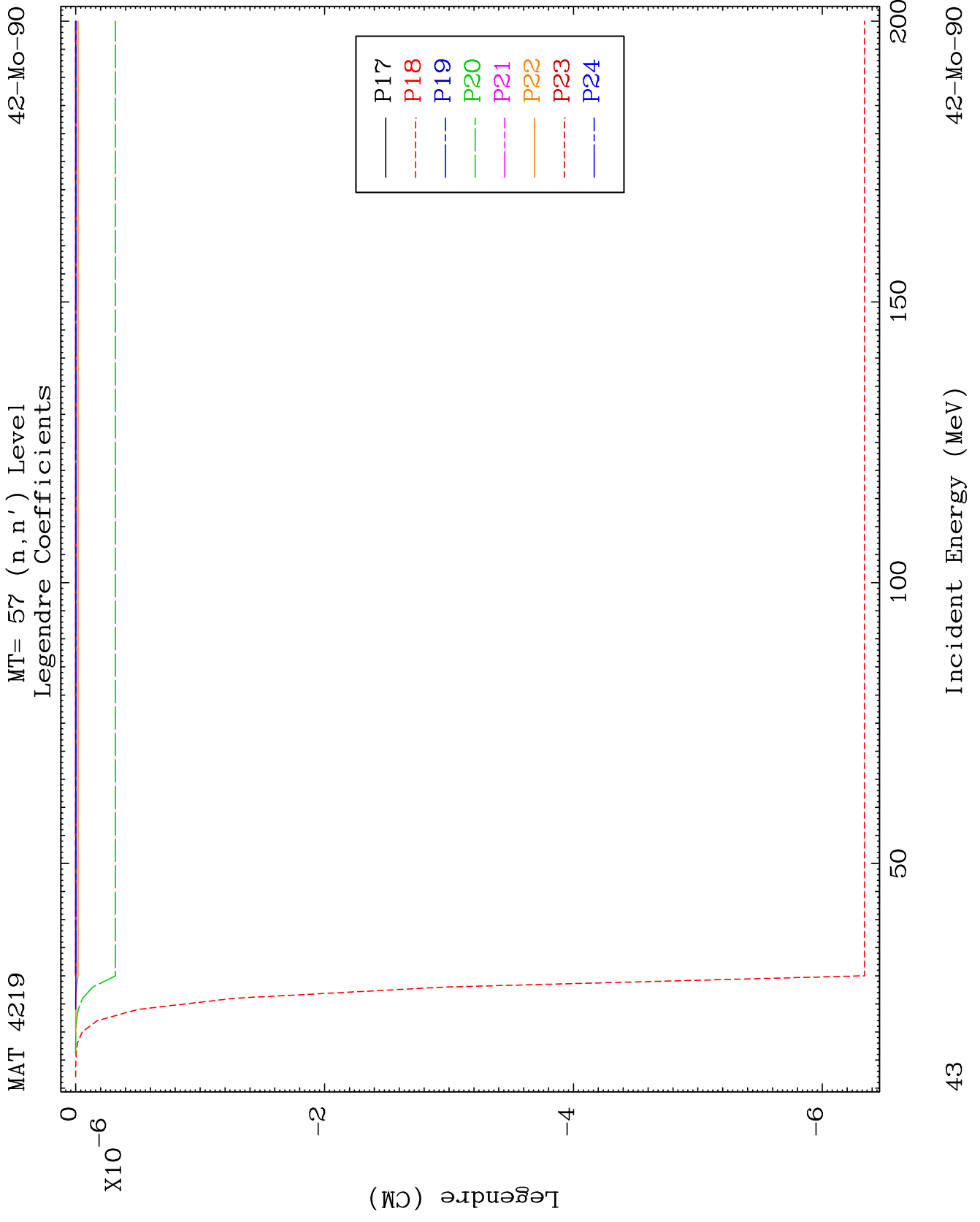








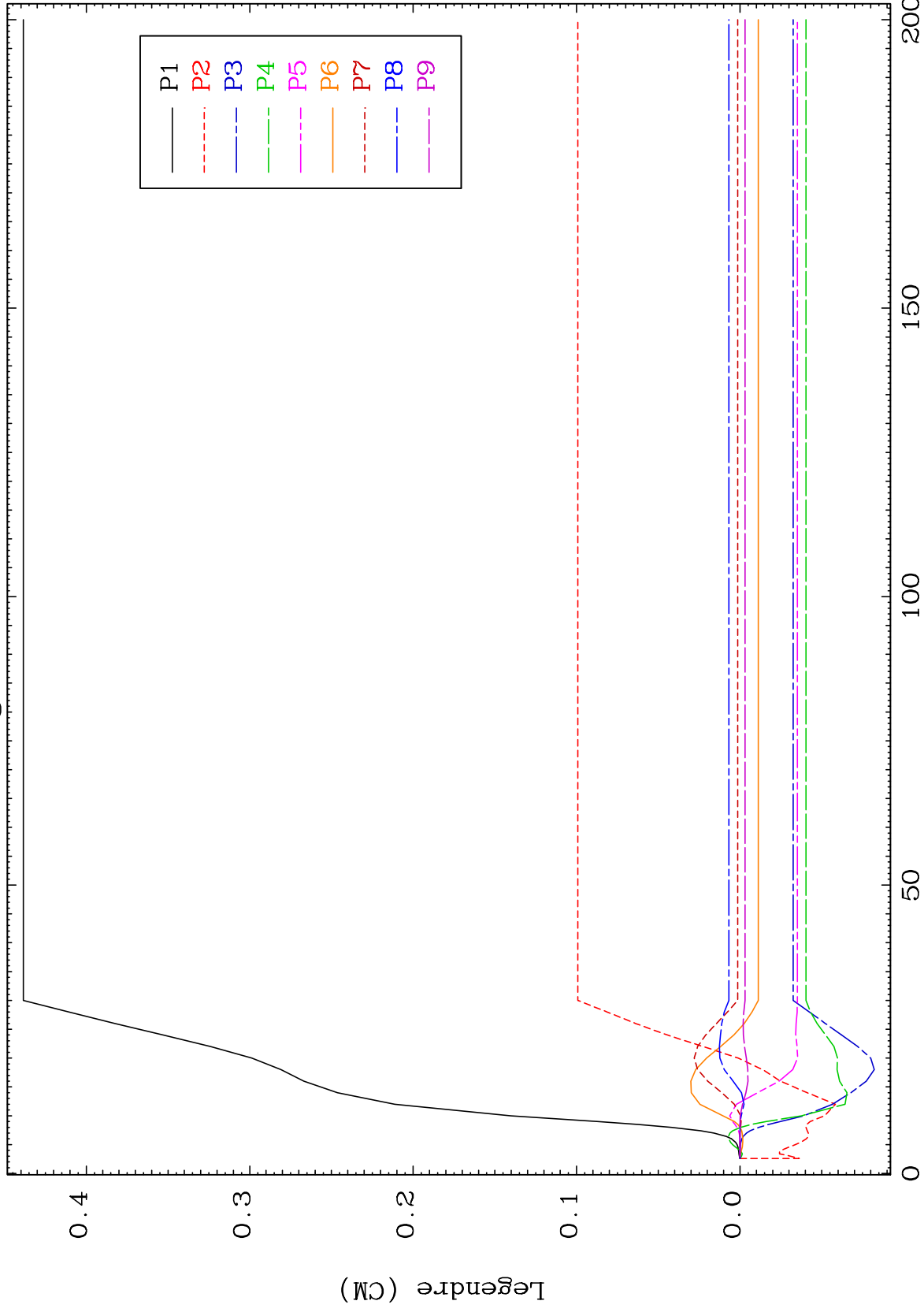




MAT 4219

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

42-Mo-90



44

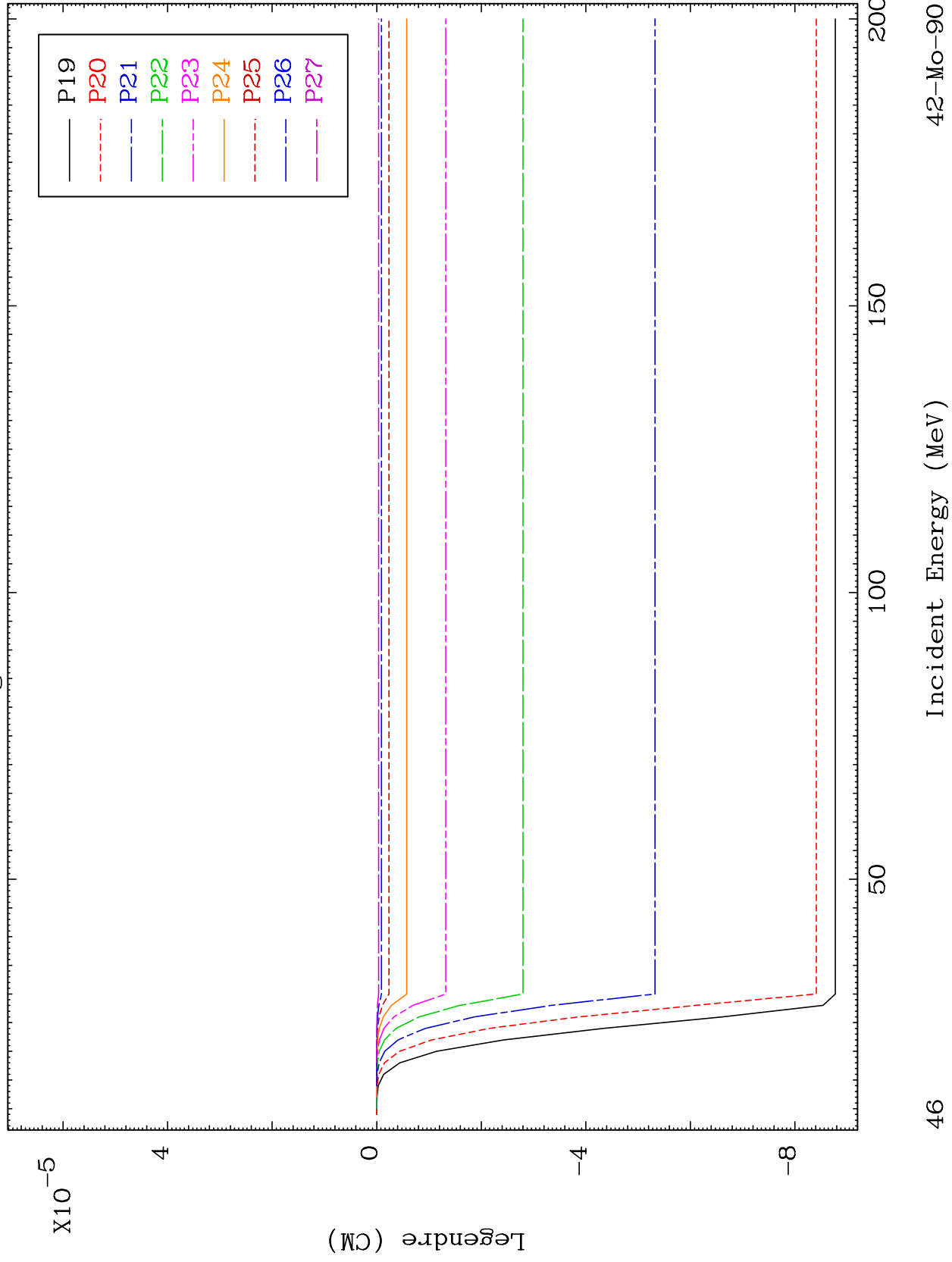
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

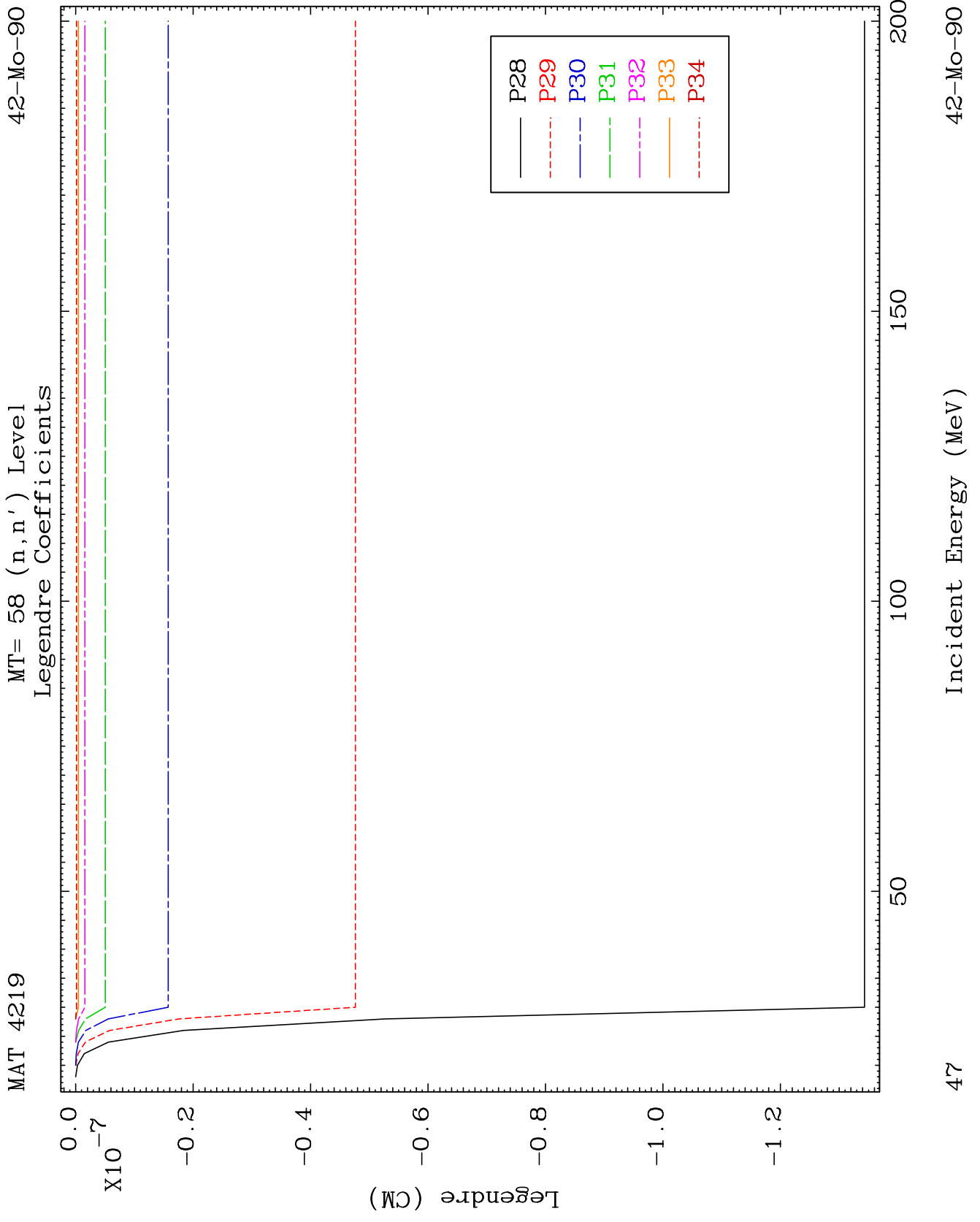
42-Mo-90

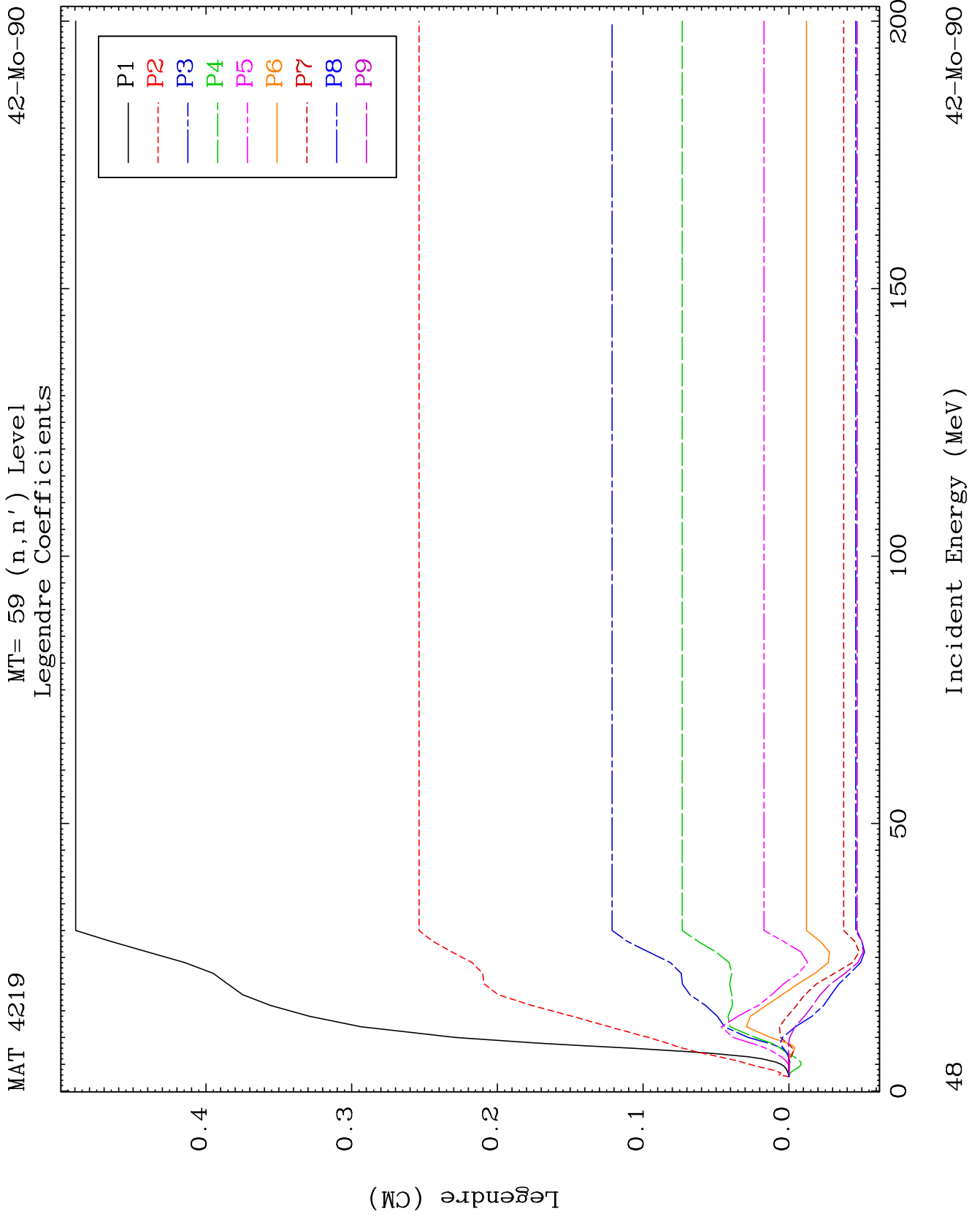


46

Incident Energy (MeV)

42-Mo-90

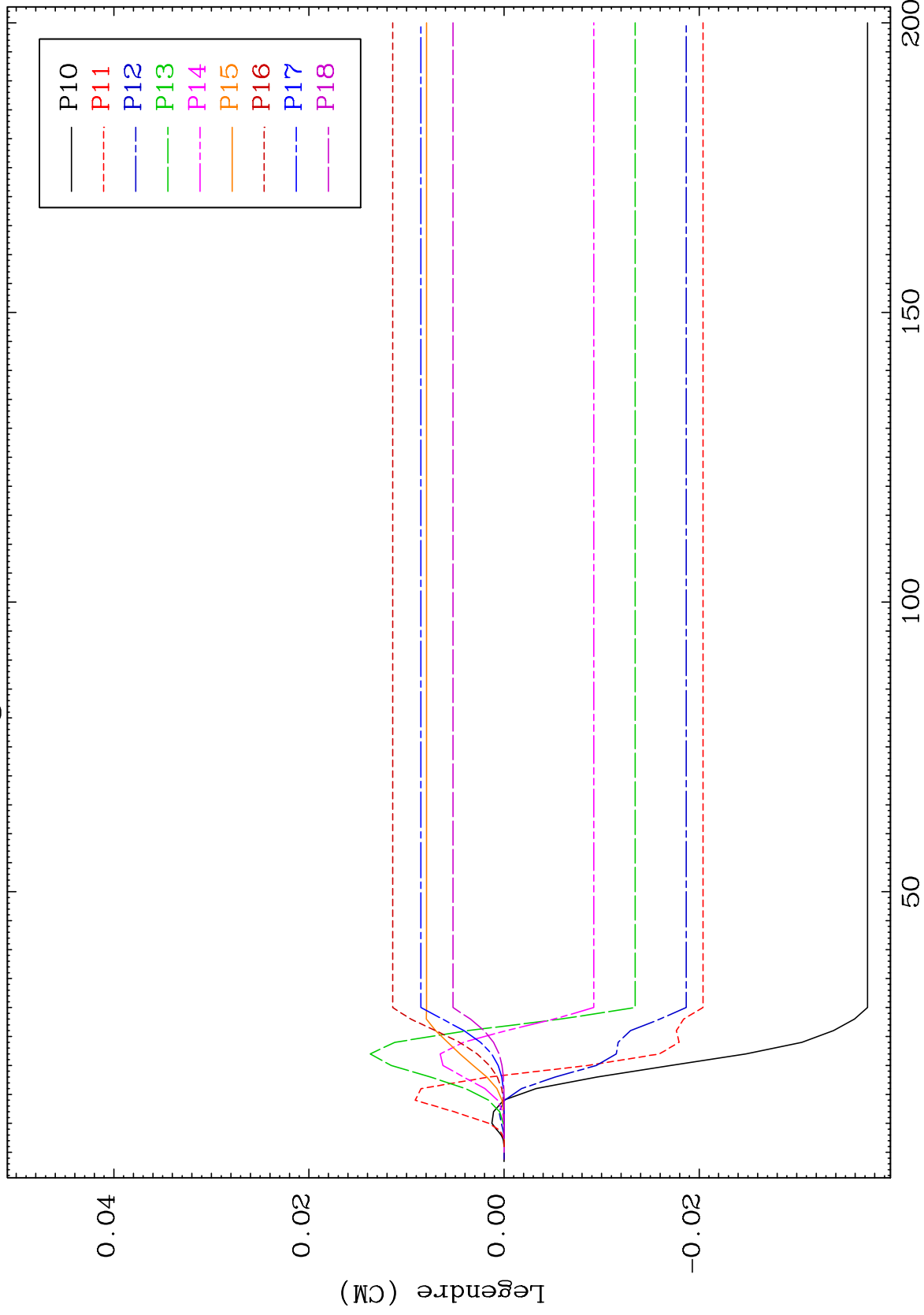




MAT 4219

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

42-Mo-90



49

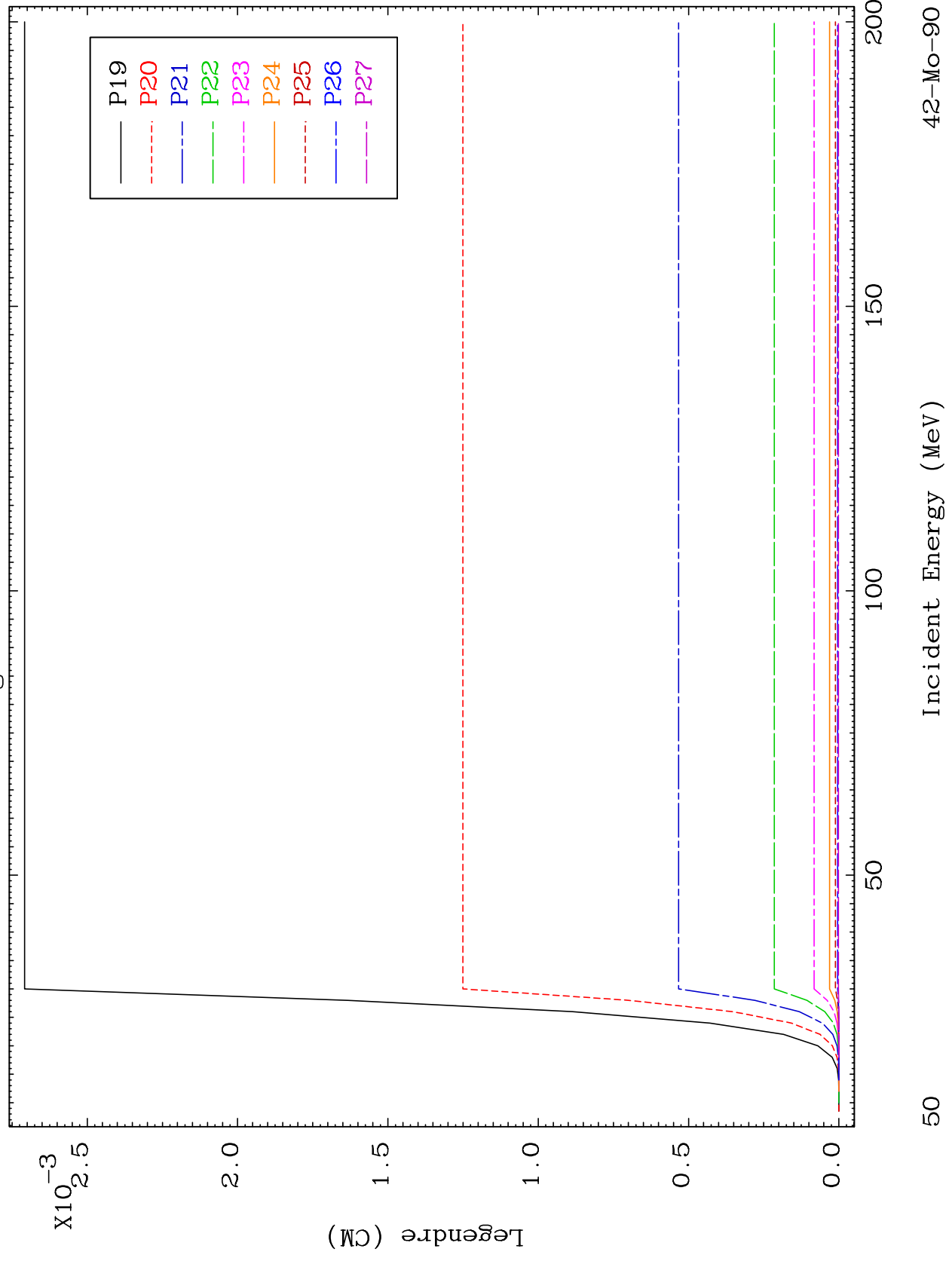
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



50

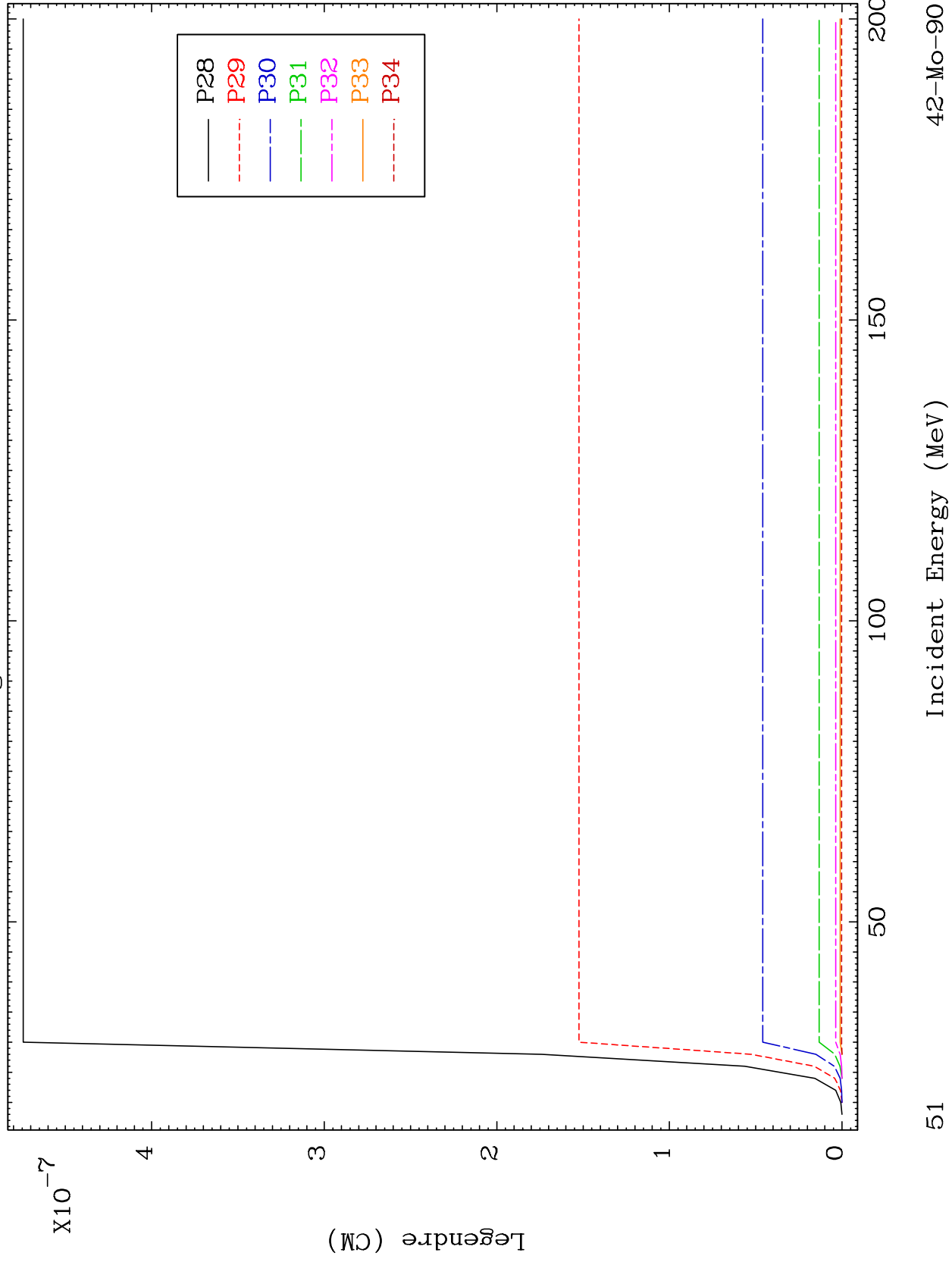
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



51

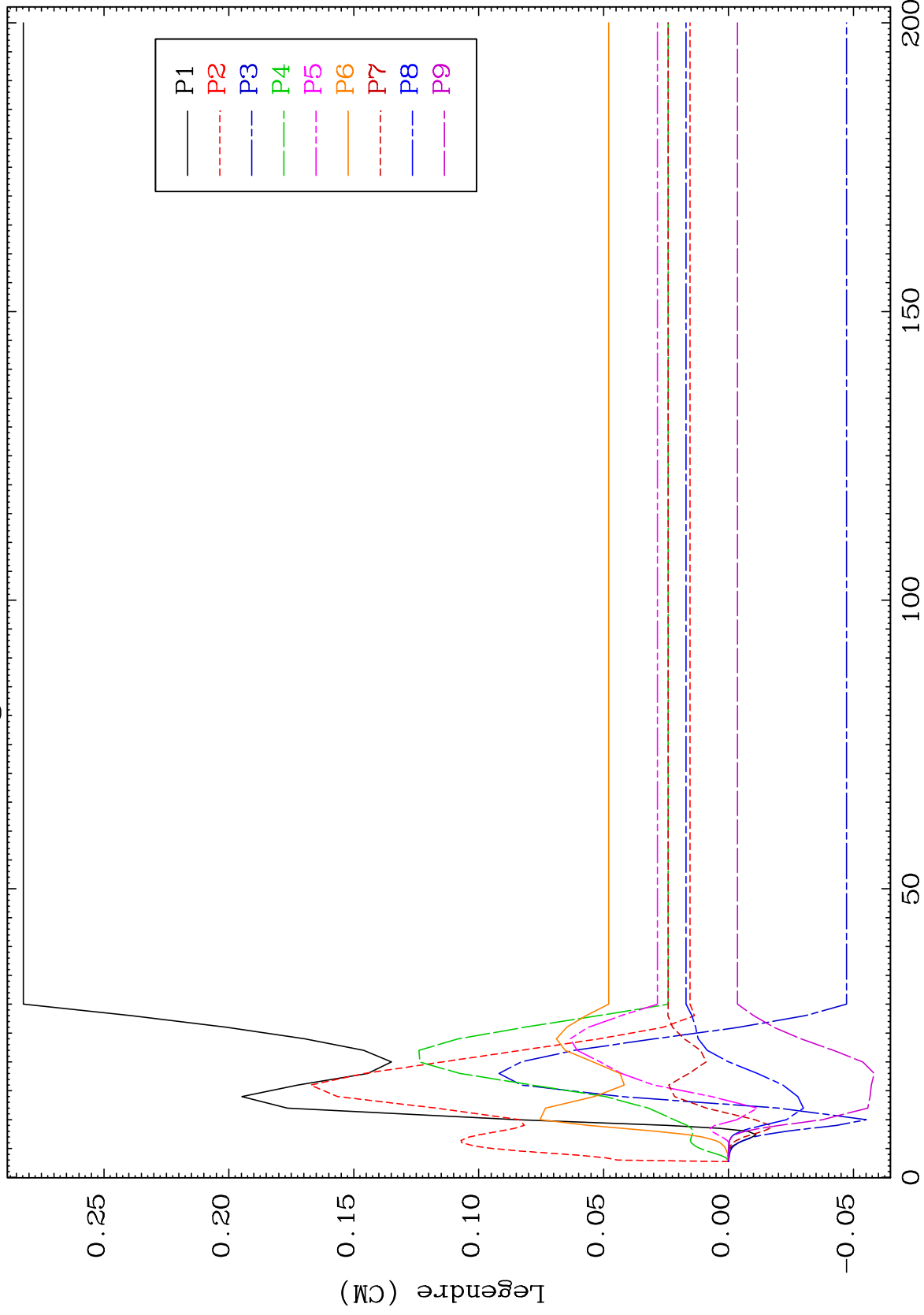
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



52

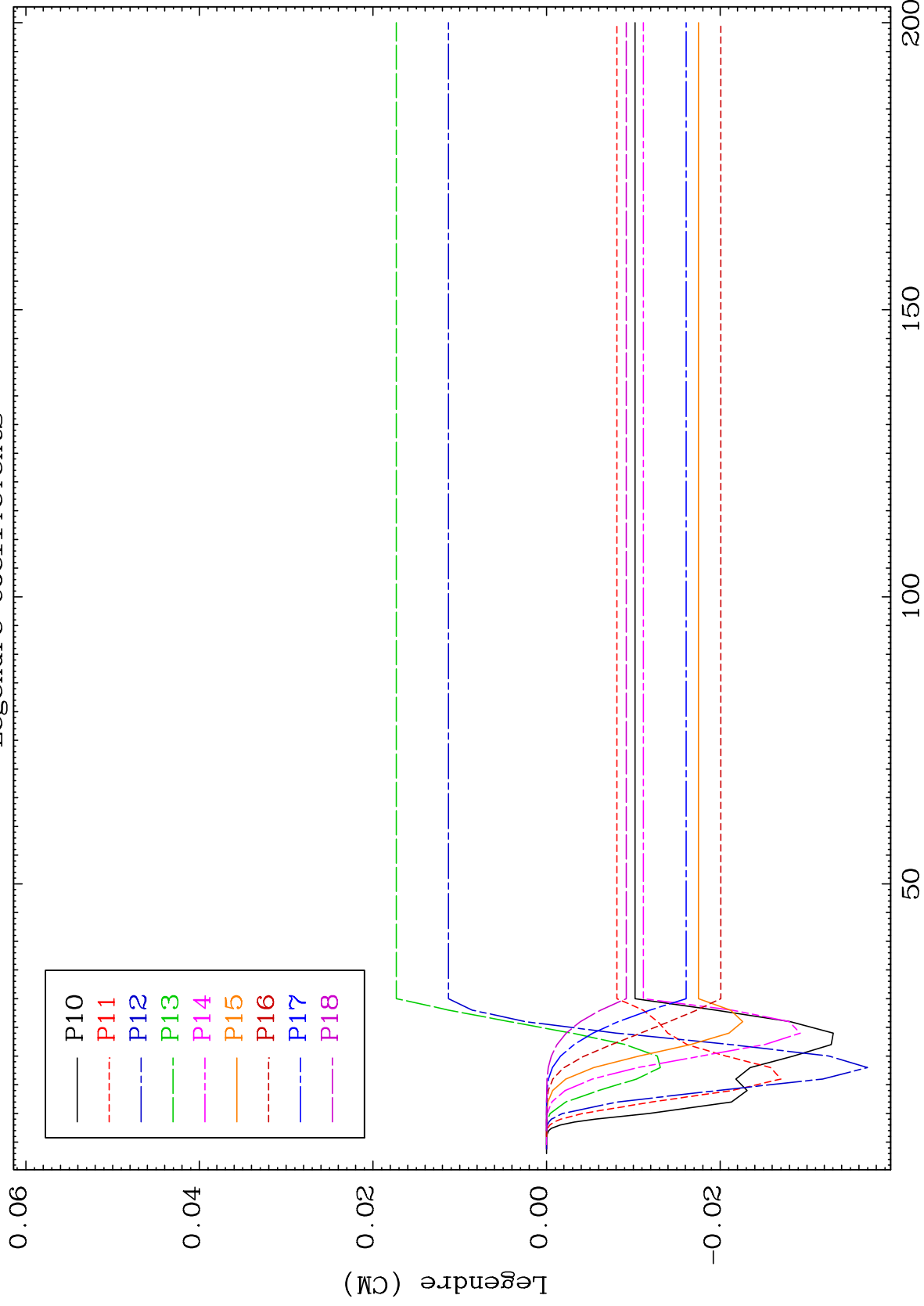
Incident Energy (MeV)

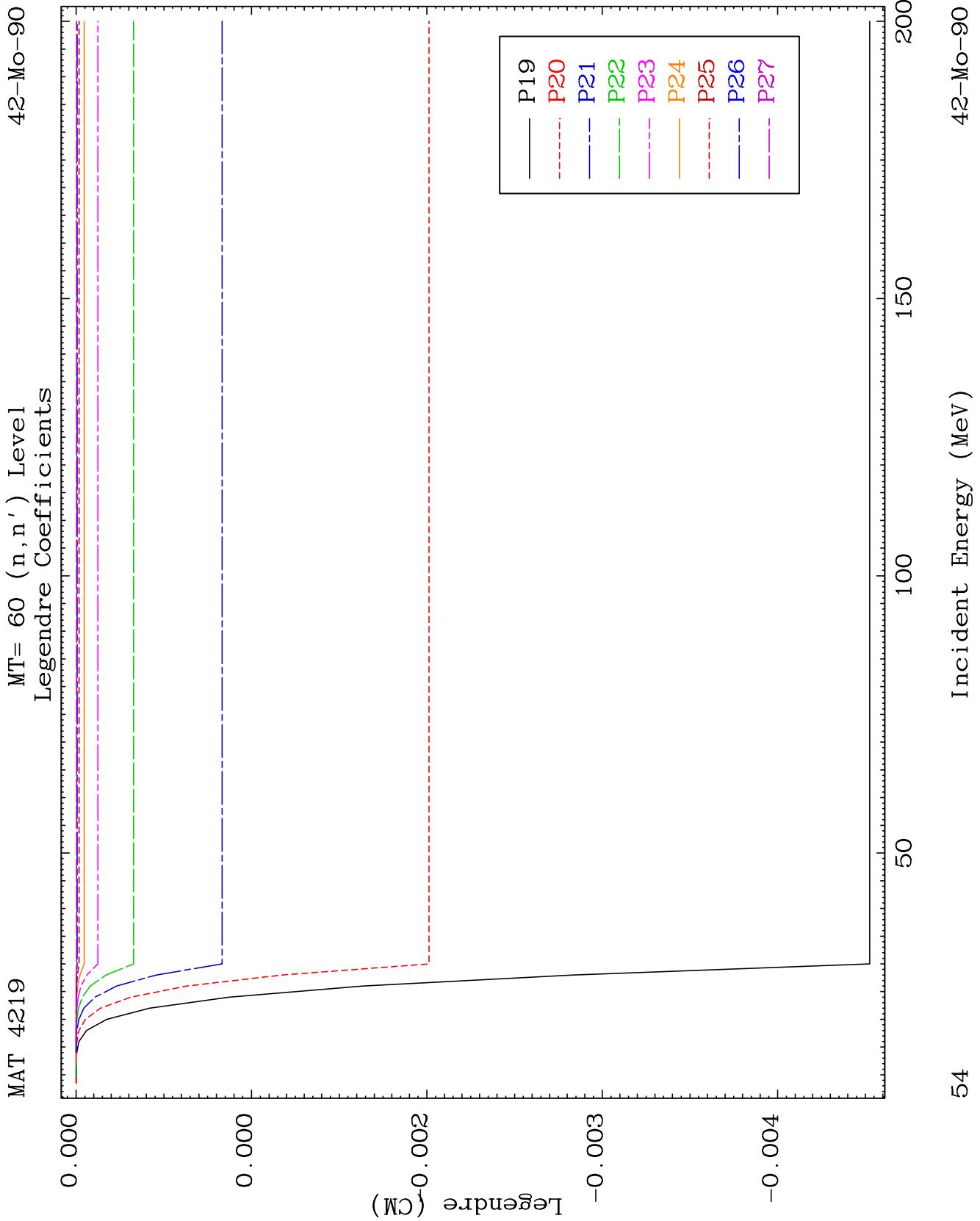
42-Mo-90

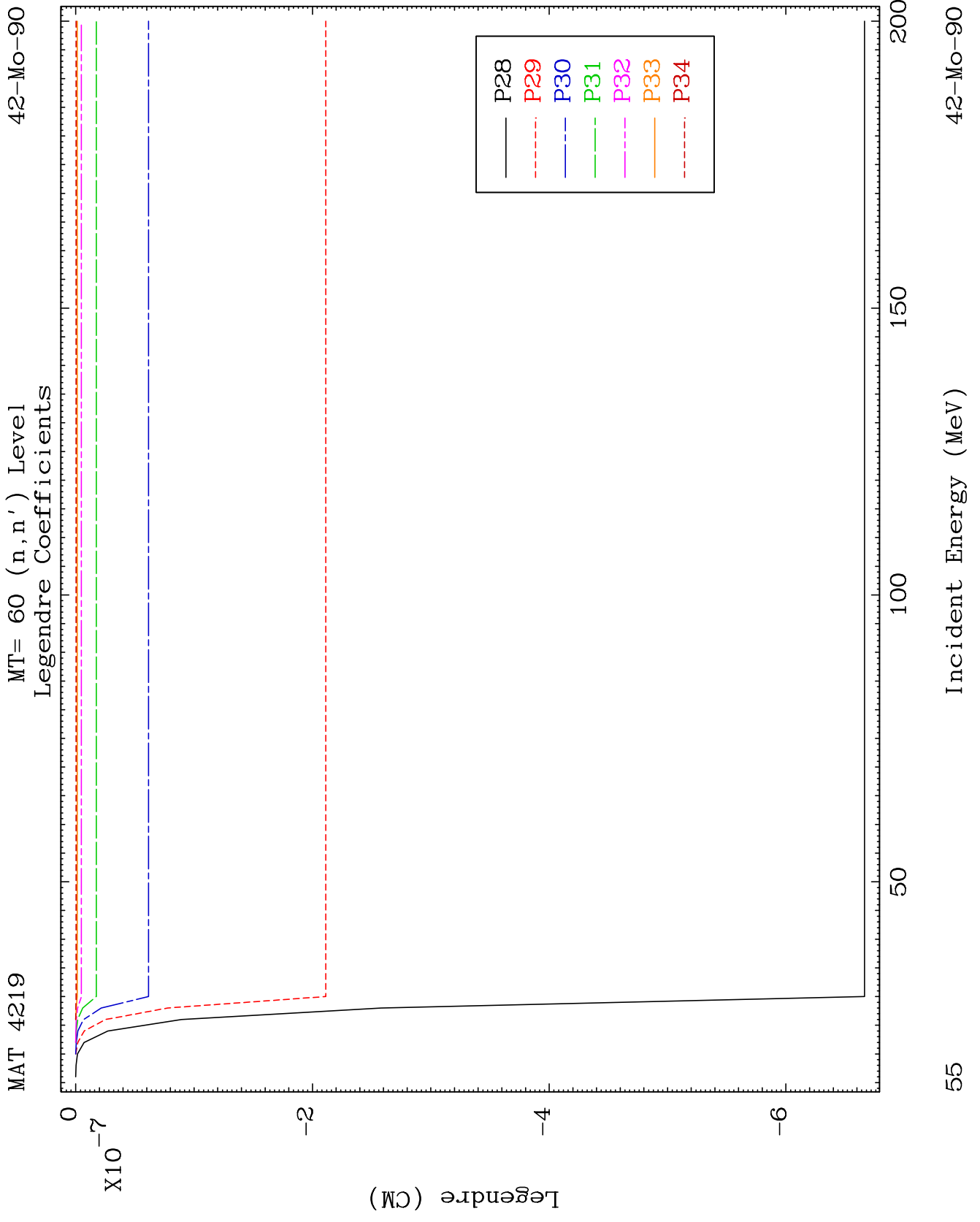
MAT 4219

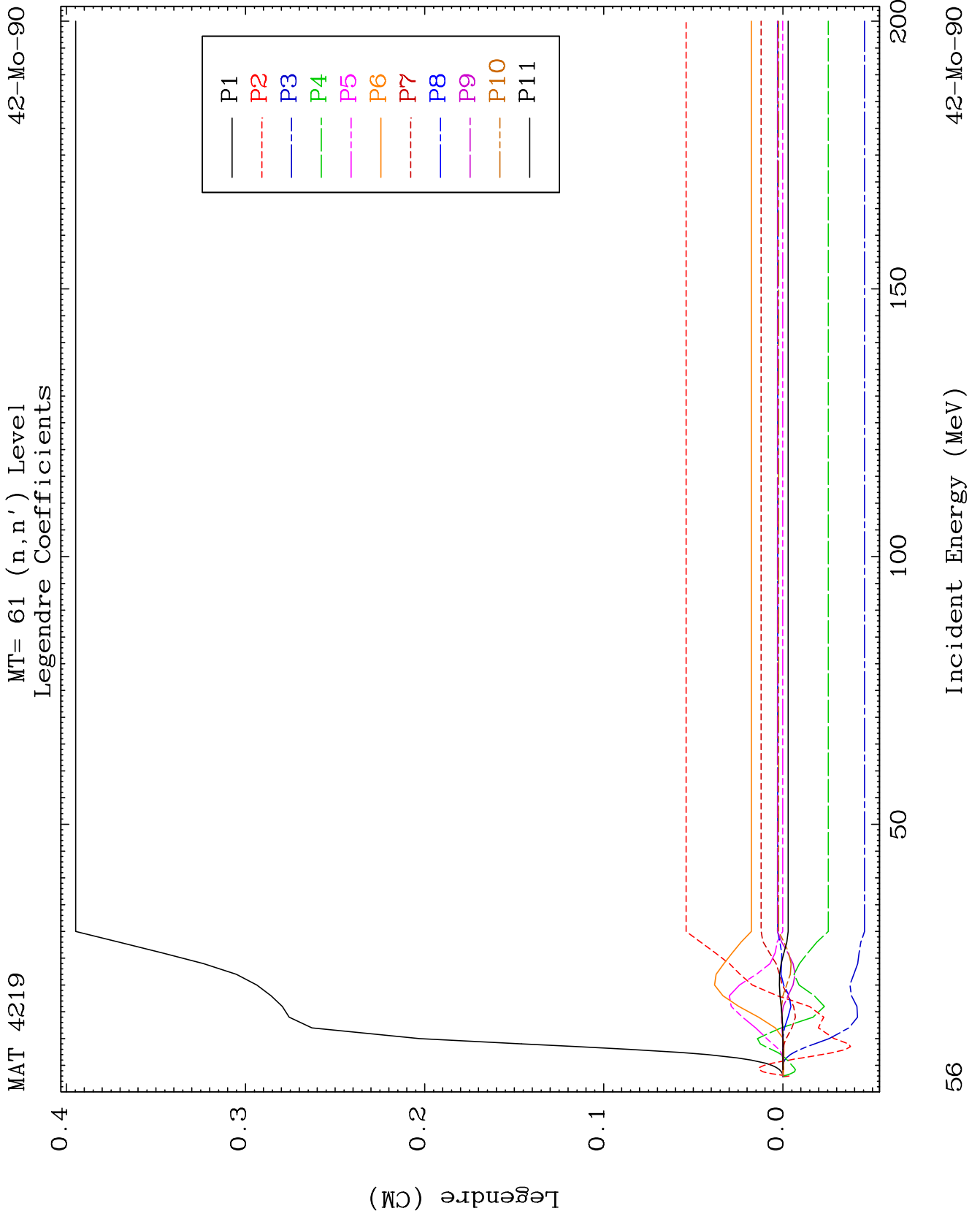
MT= 60 (n,n') Level
Legendre Coefficients

42-Mo-90





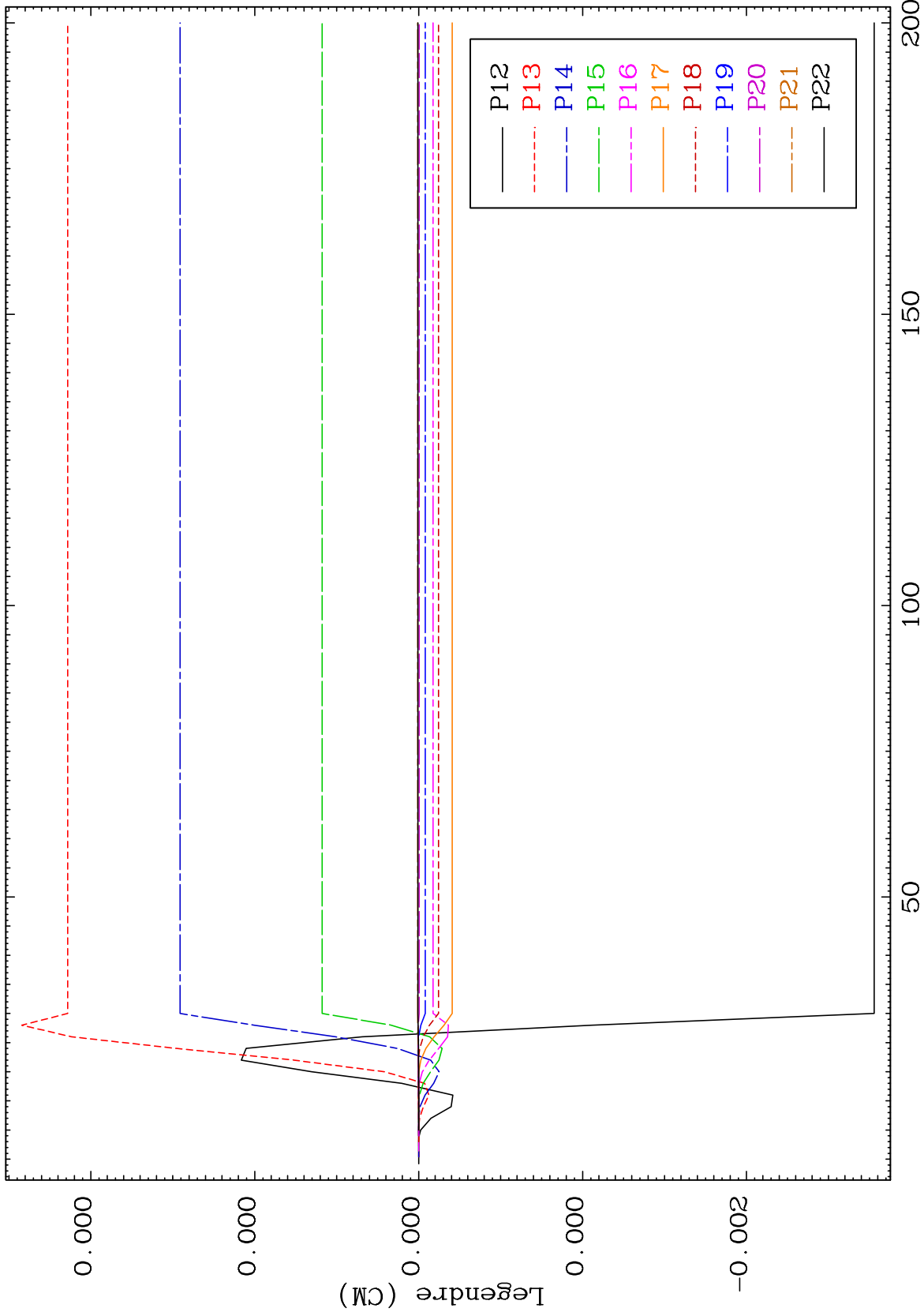


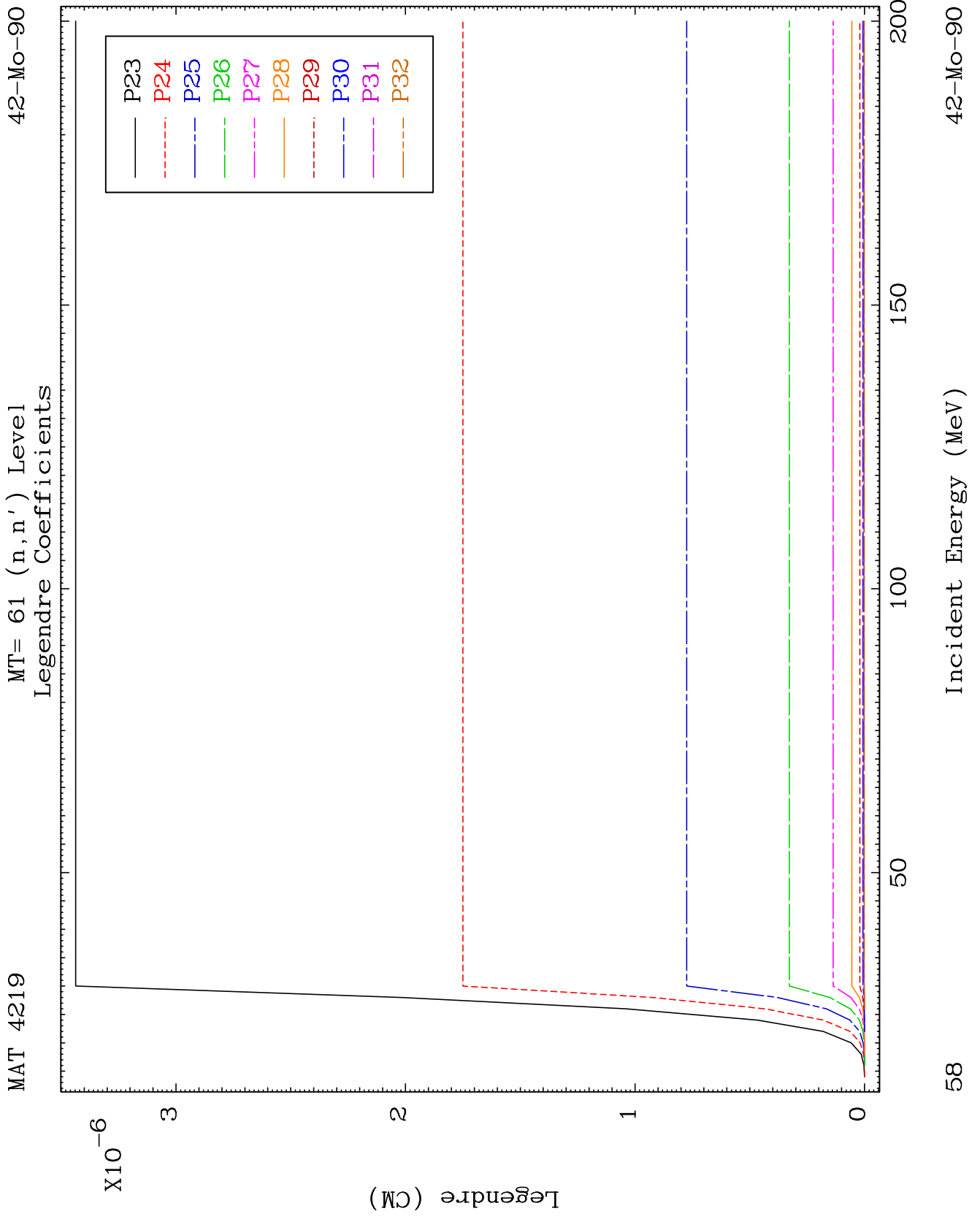


MAT 4219

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

42-Mo-90

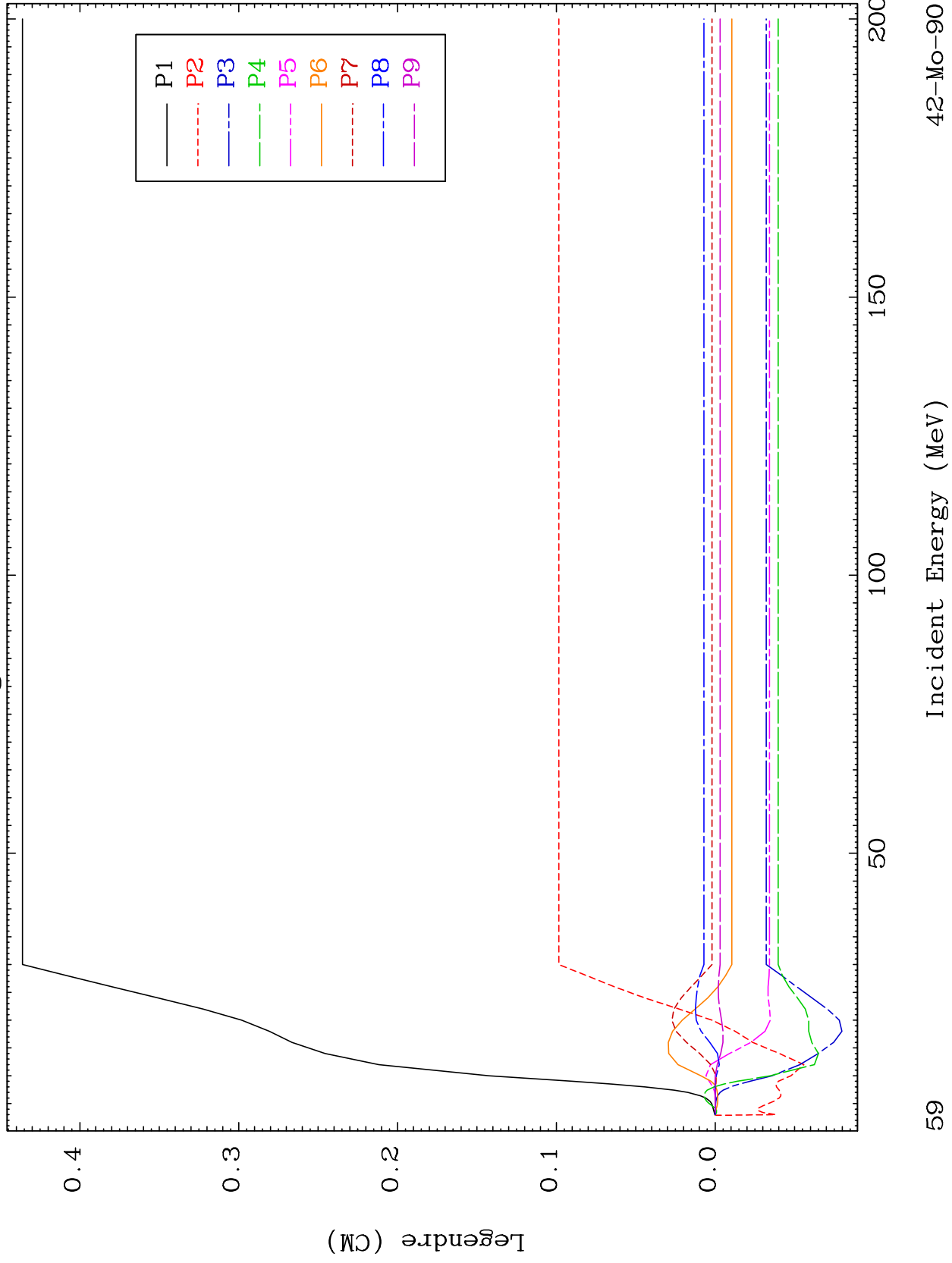




MAT 4219

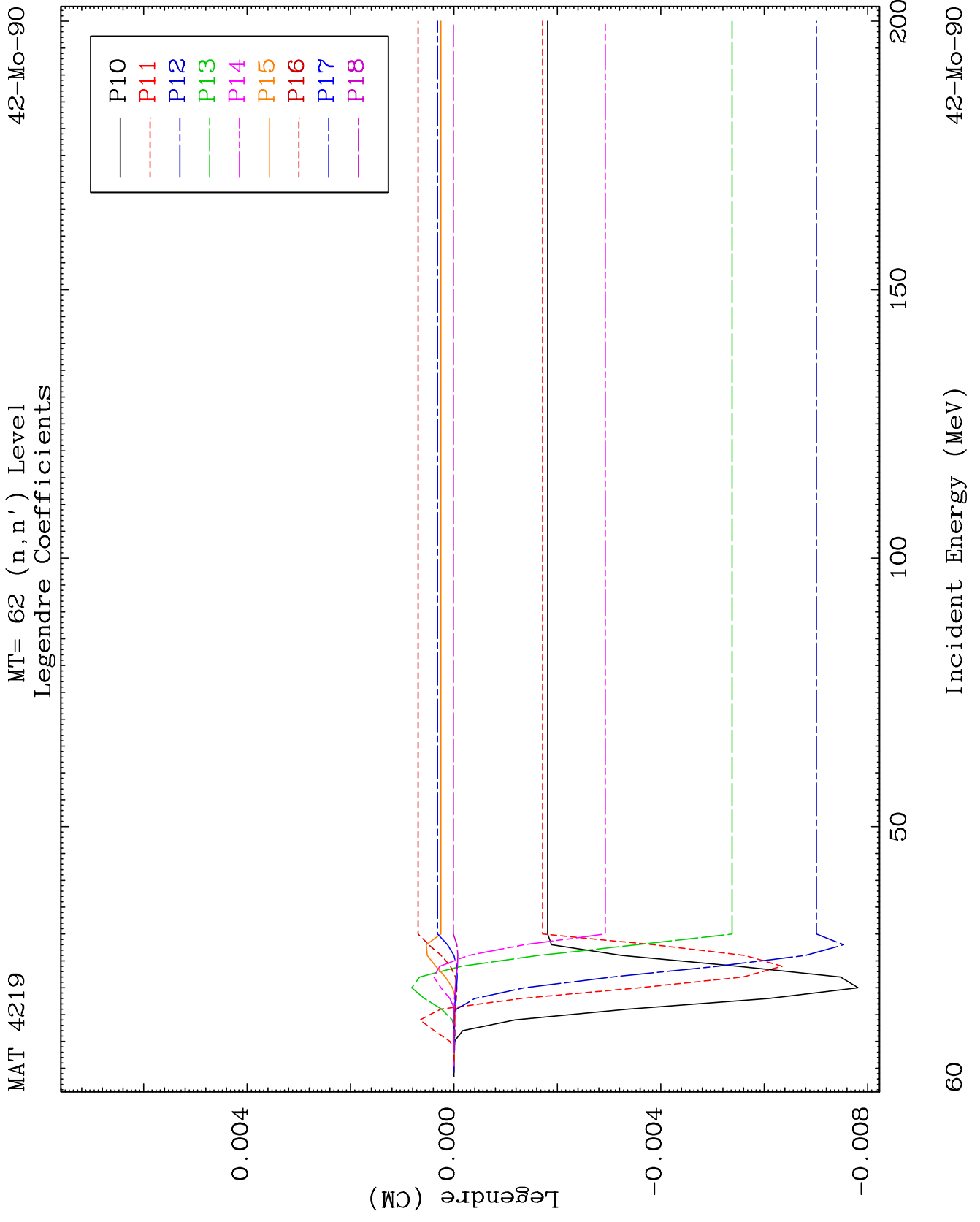
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Legendre Coefficients

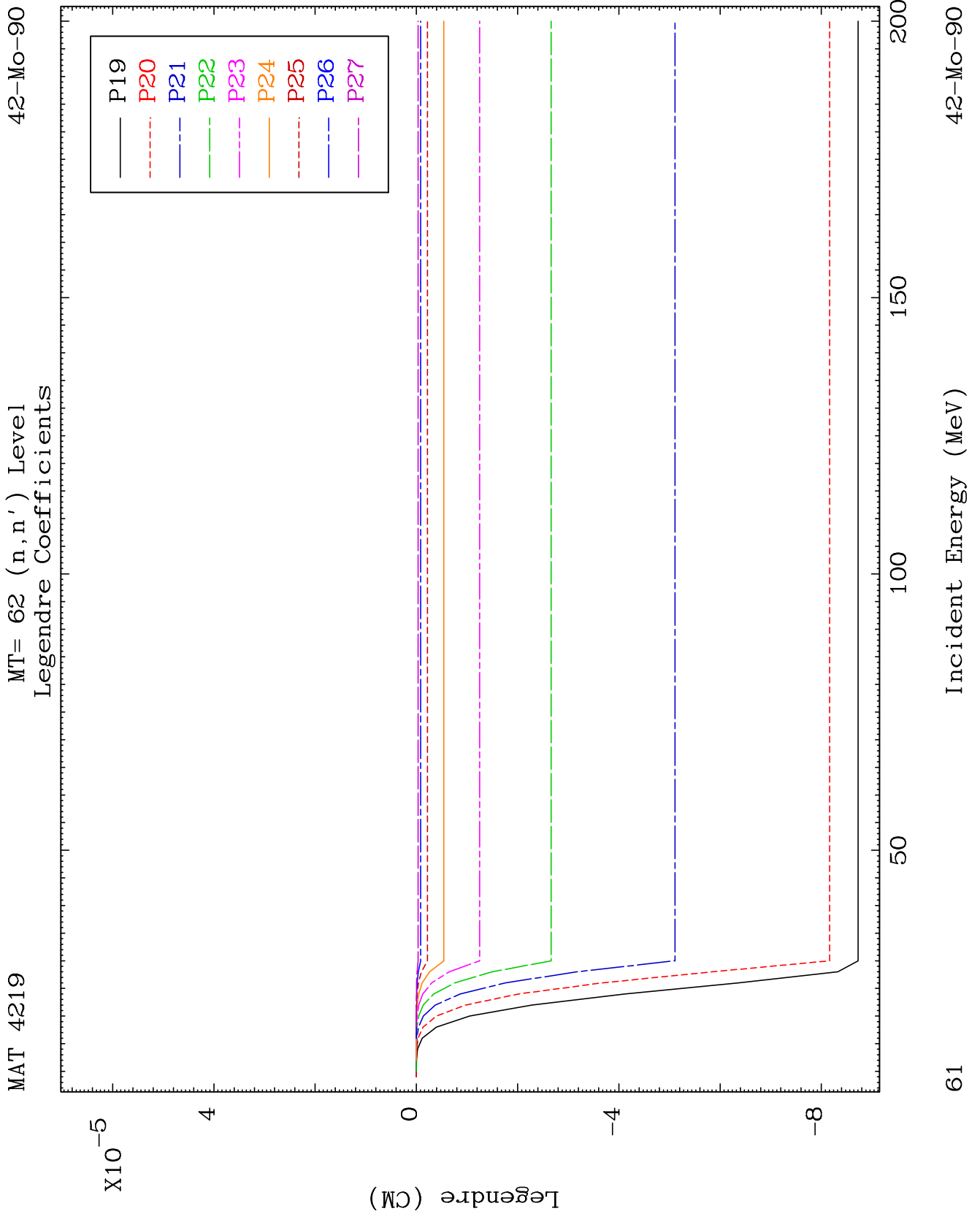
42-Mo-90

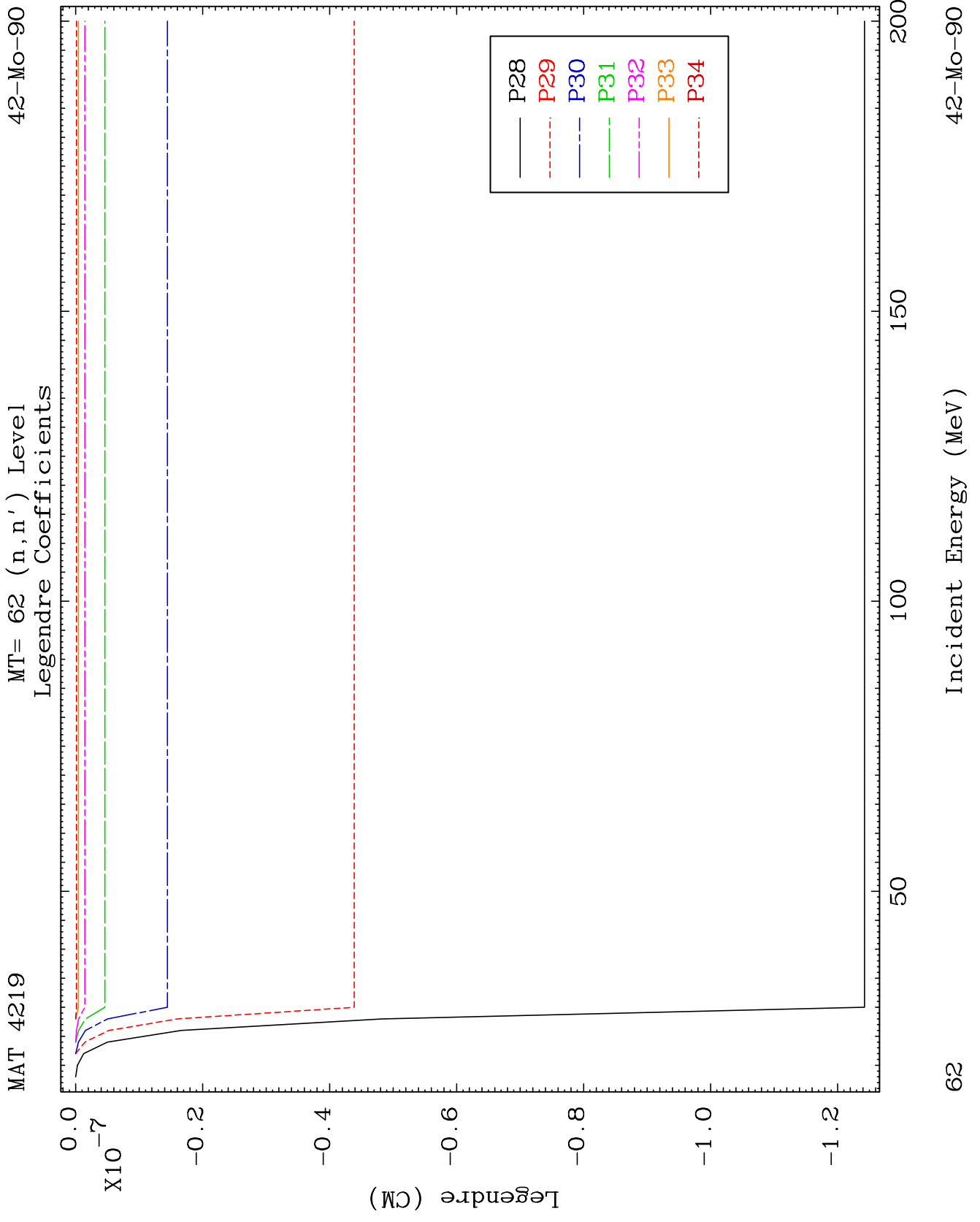


59

42-Mo-90



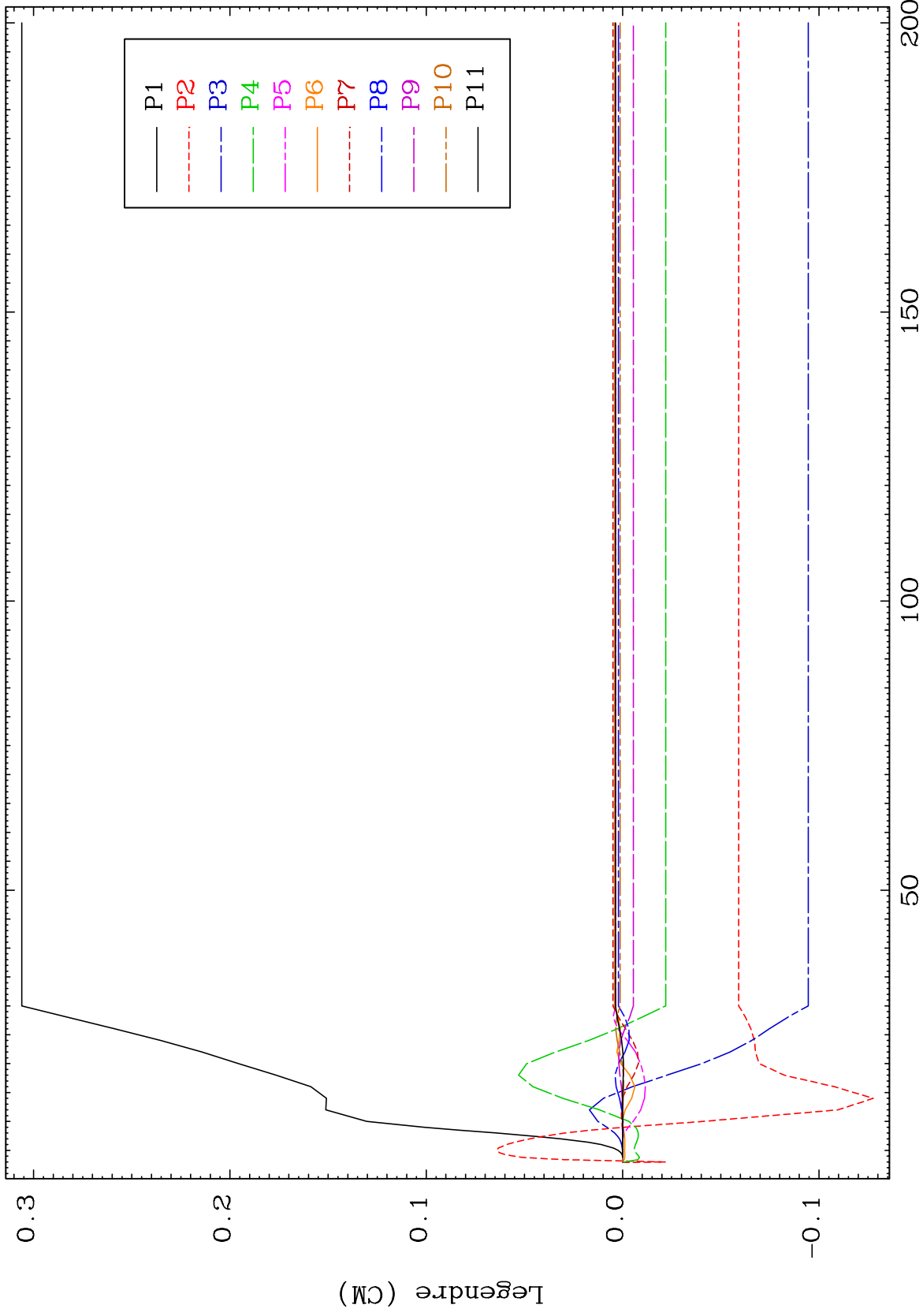




MAT 4219

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

42-Mo-90



63

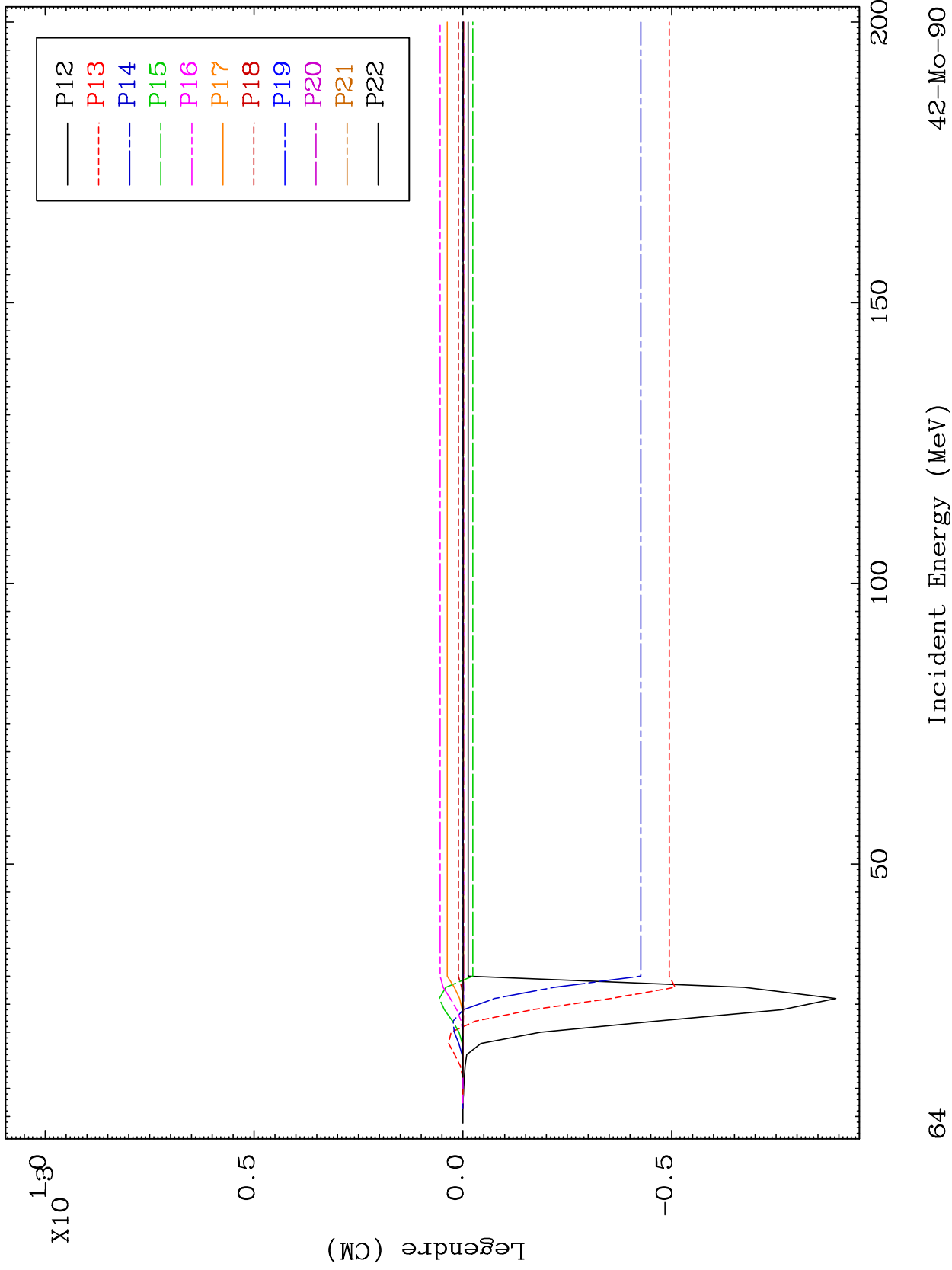
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

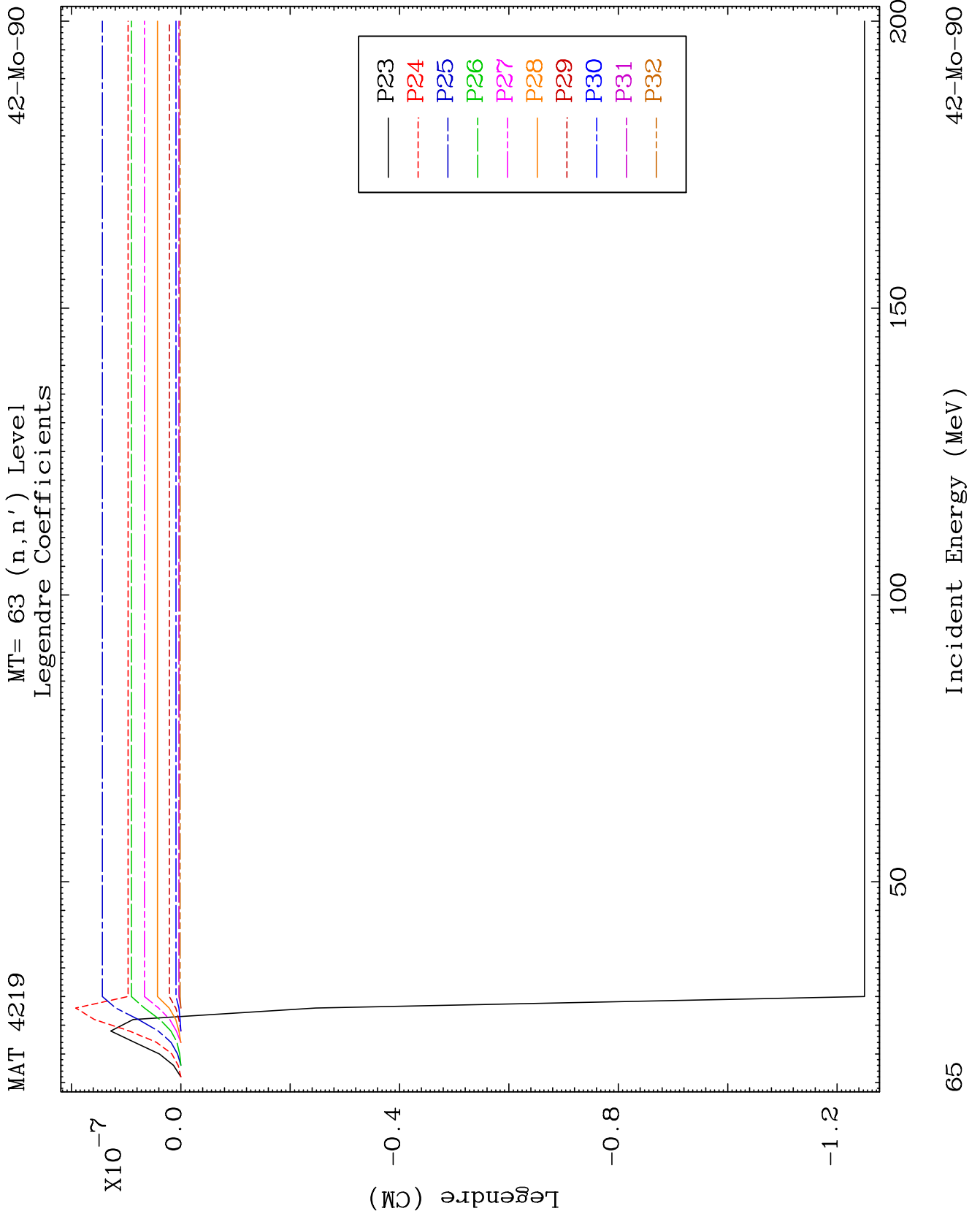
42-Mo-90



64

Incident Energy (MeV)

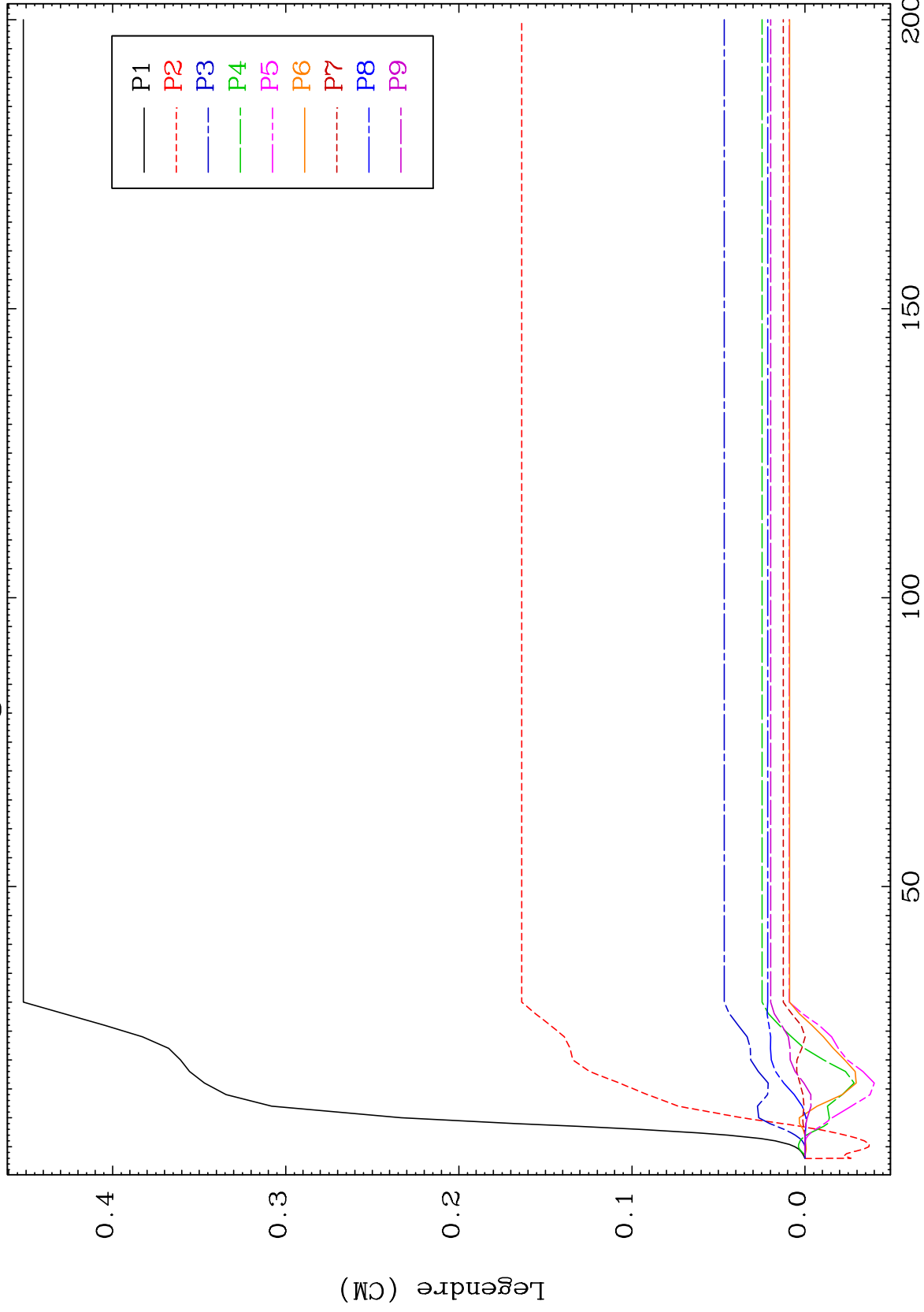
42-Mo-90



MAT 4219

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

42-Mo-90



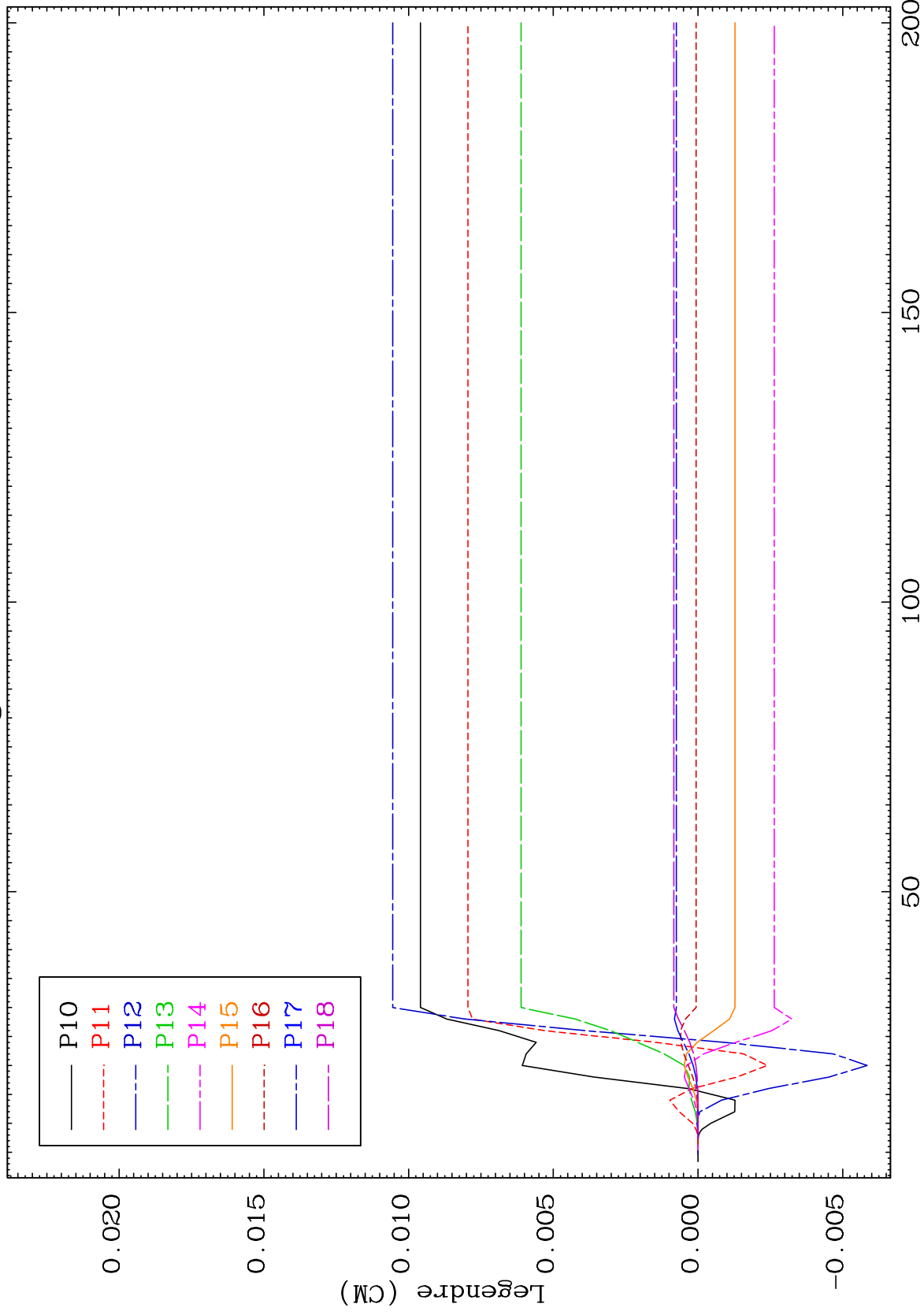
66

42-Mo-90

MAT 4219

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

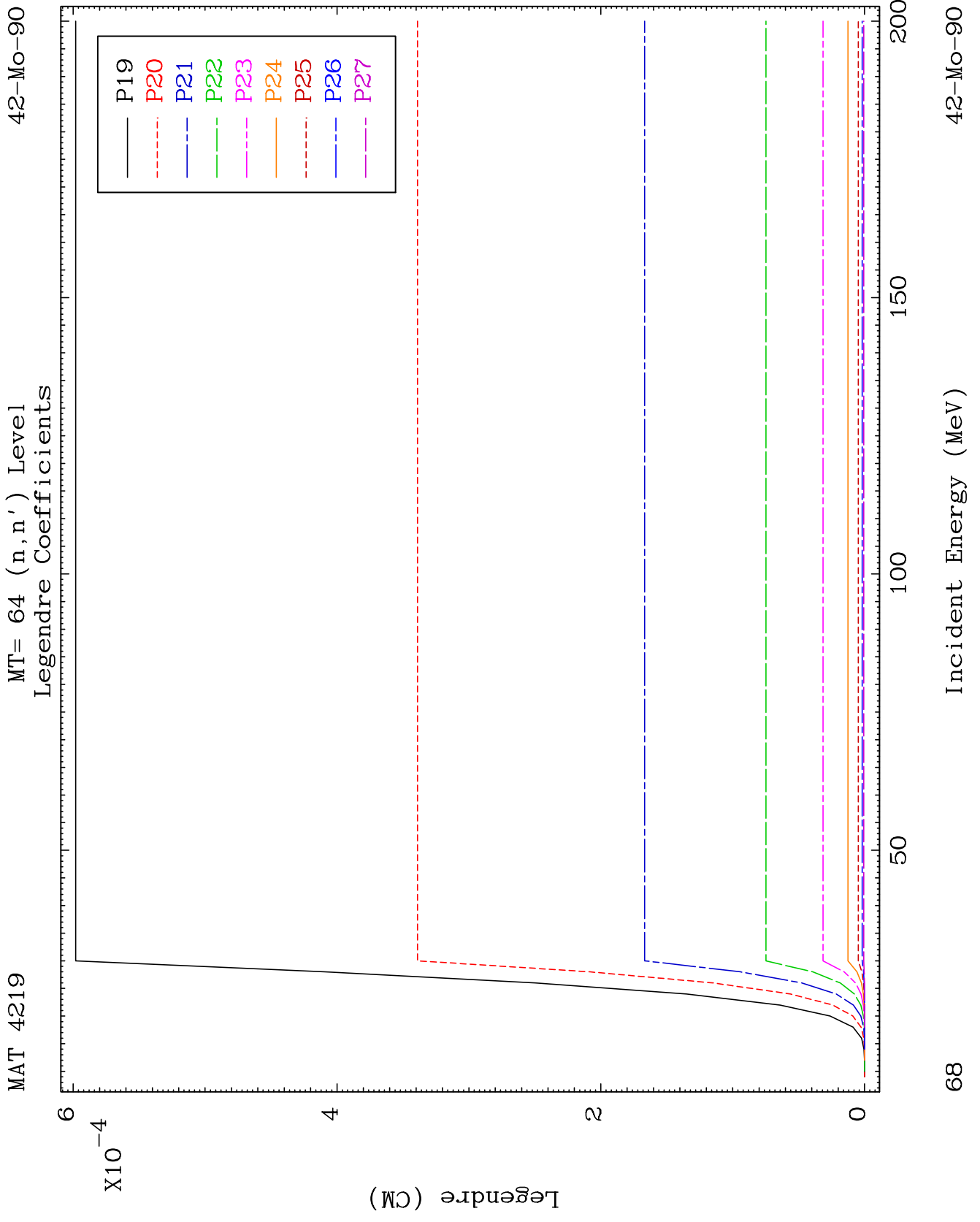
42-Mo-90

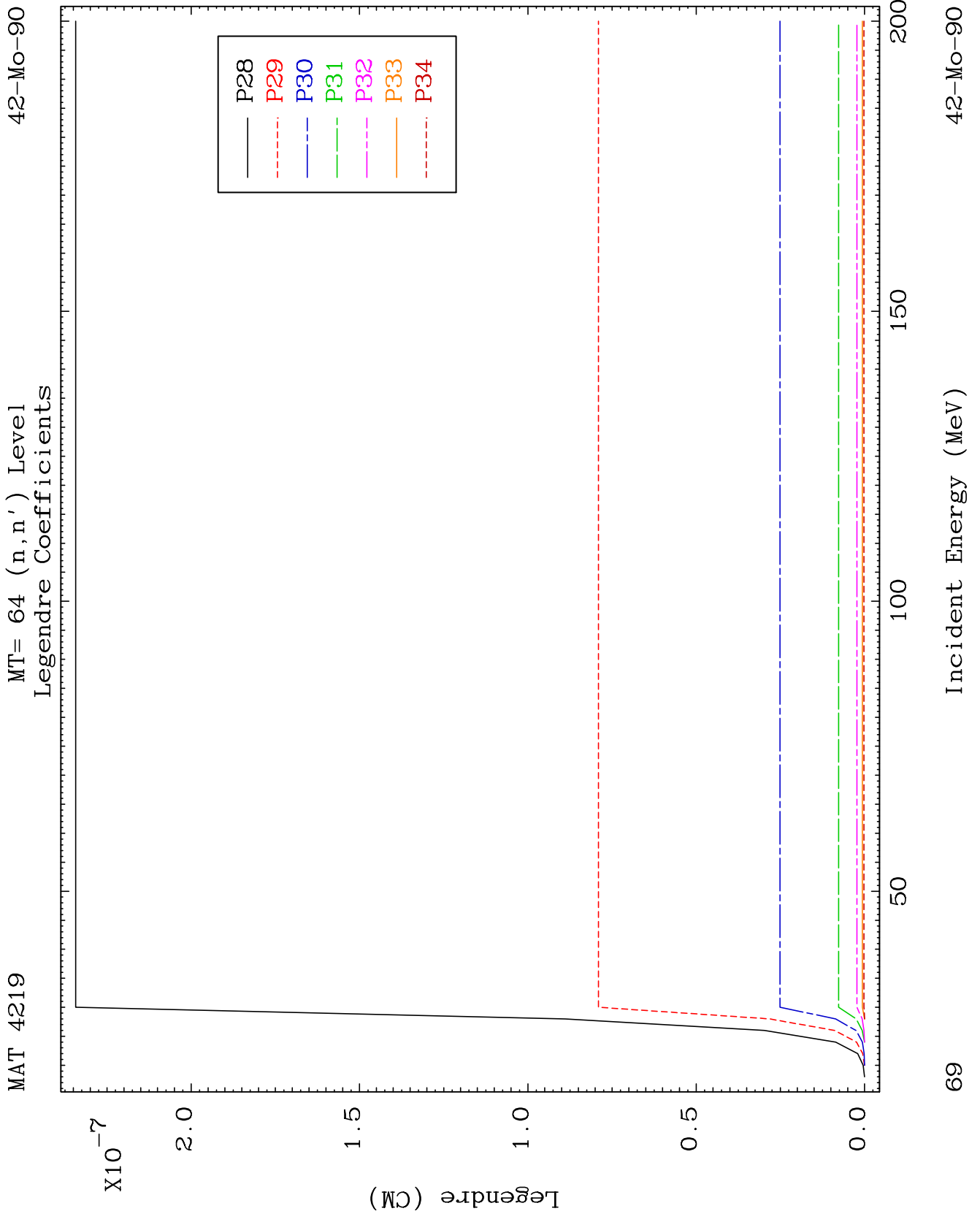


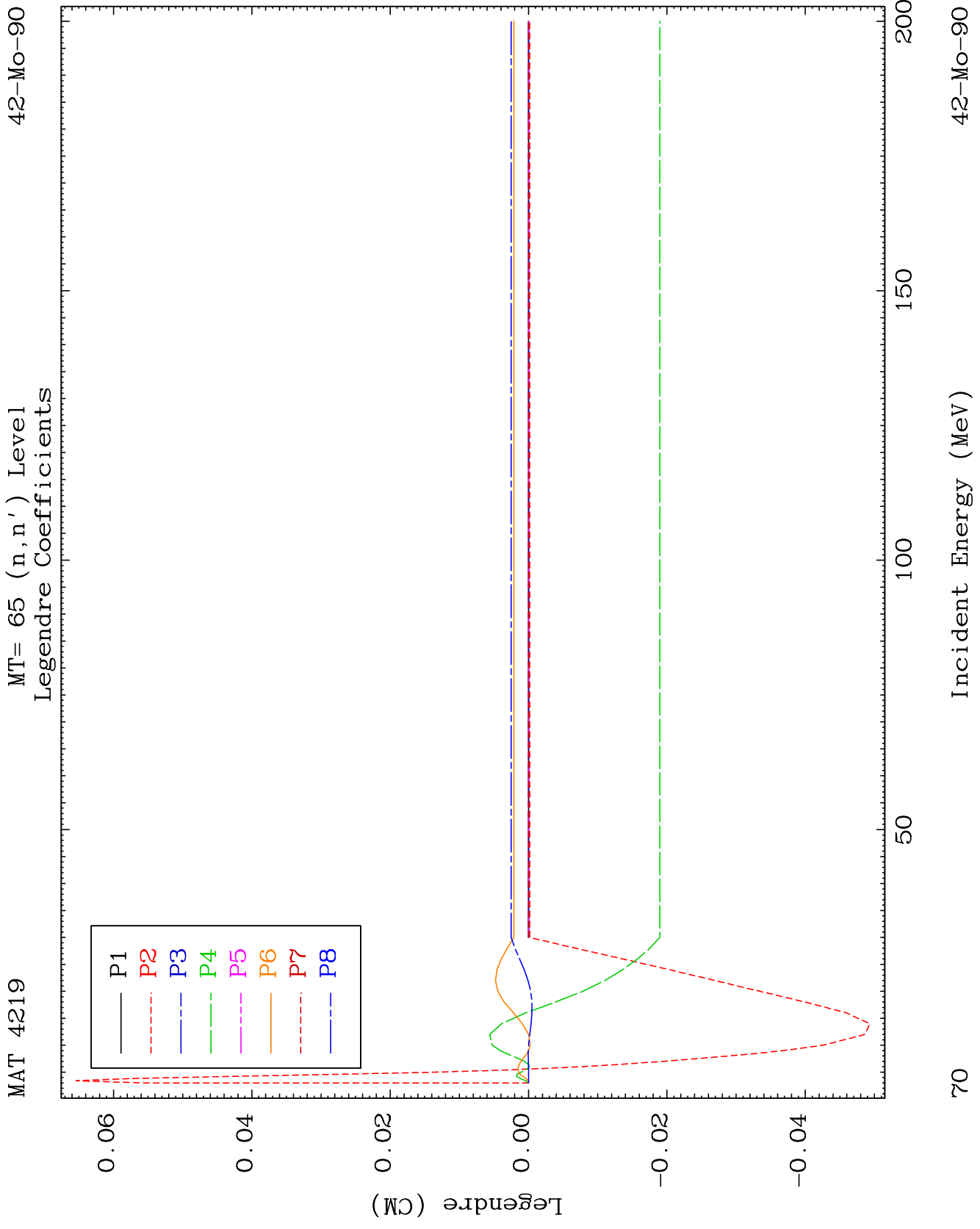
67

Incident Energy (MeV)

42-Mo-90



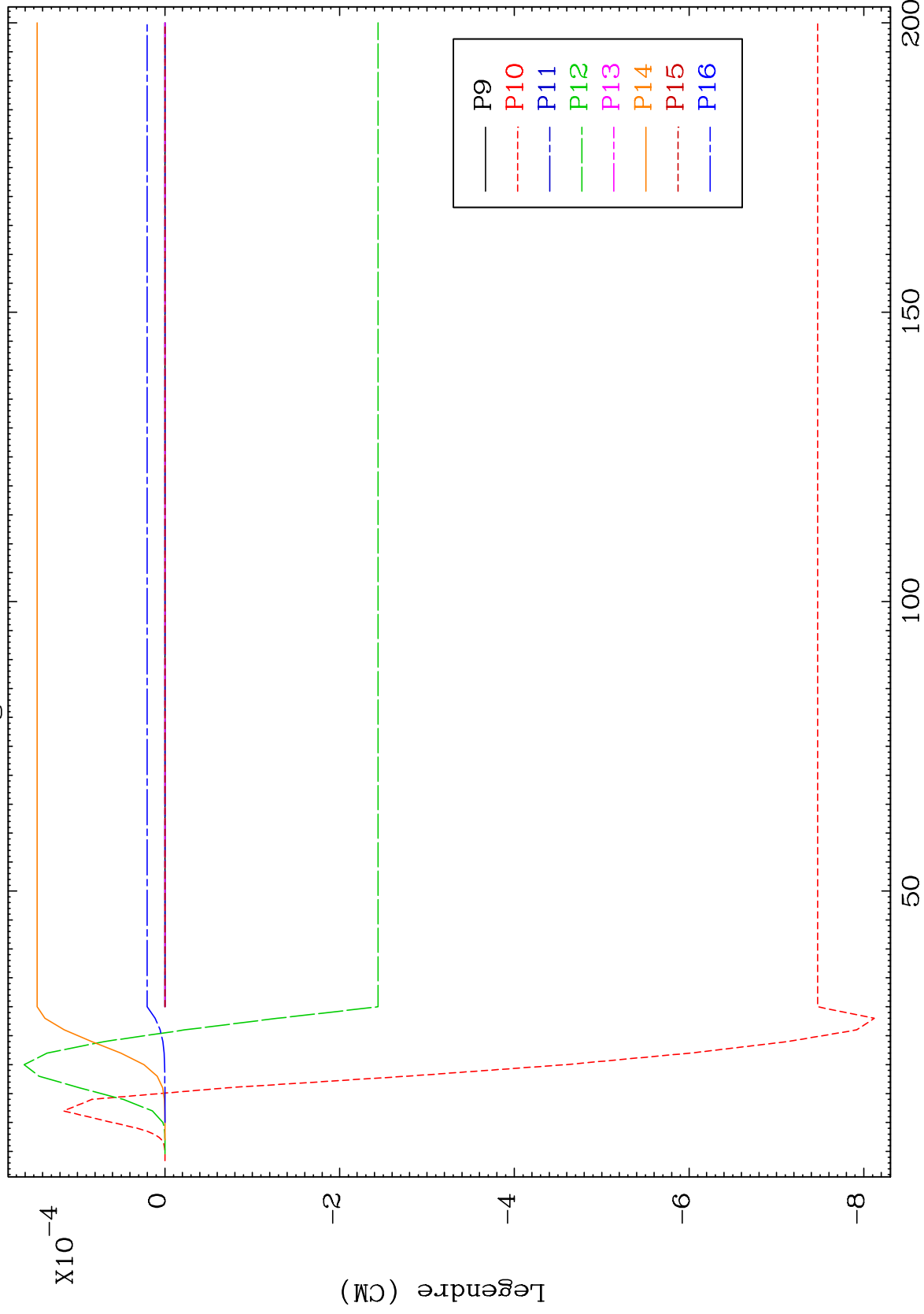




MAT 4219

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

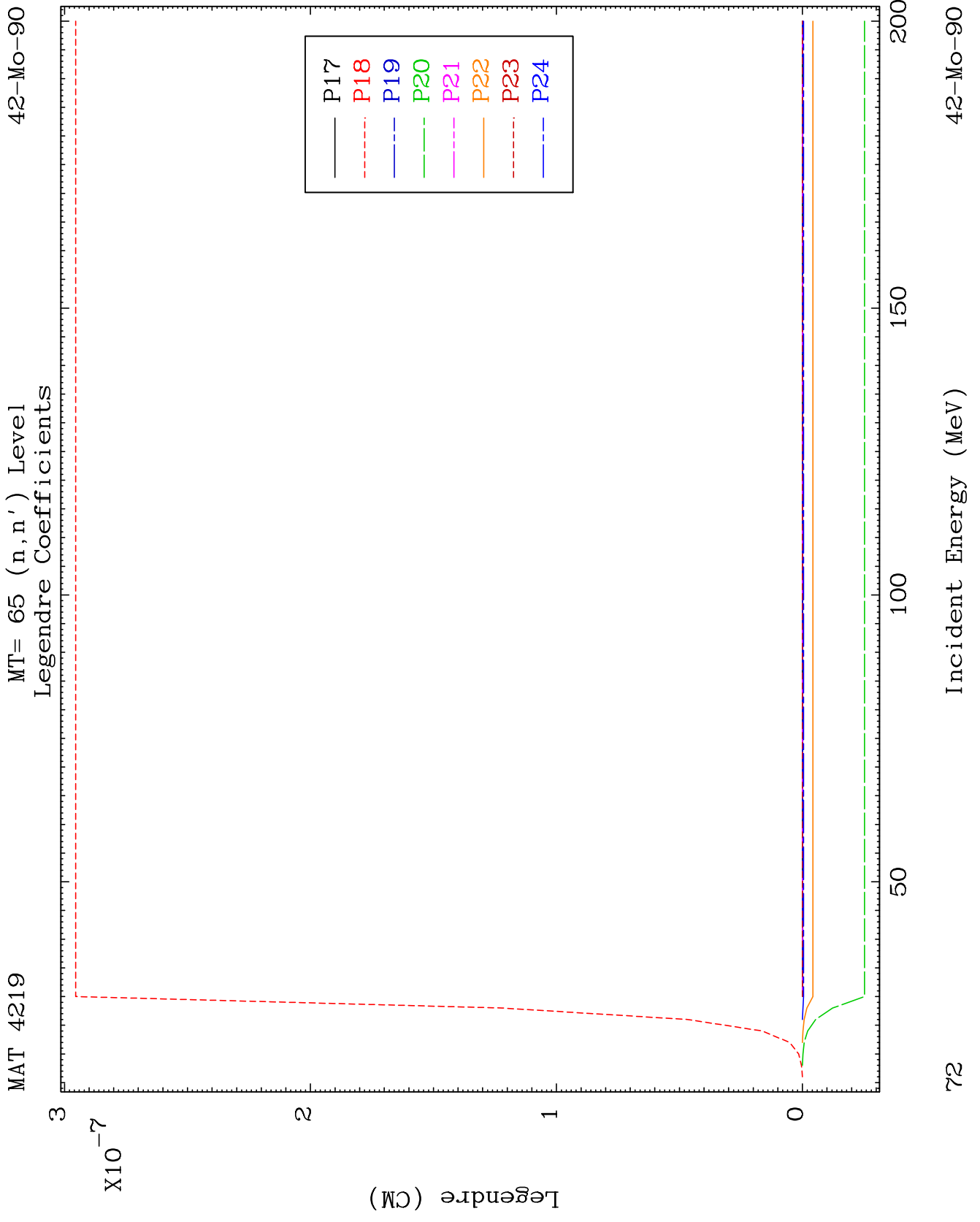
42-Mo-90



71

Incident Energy (MeV)

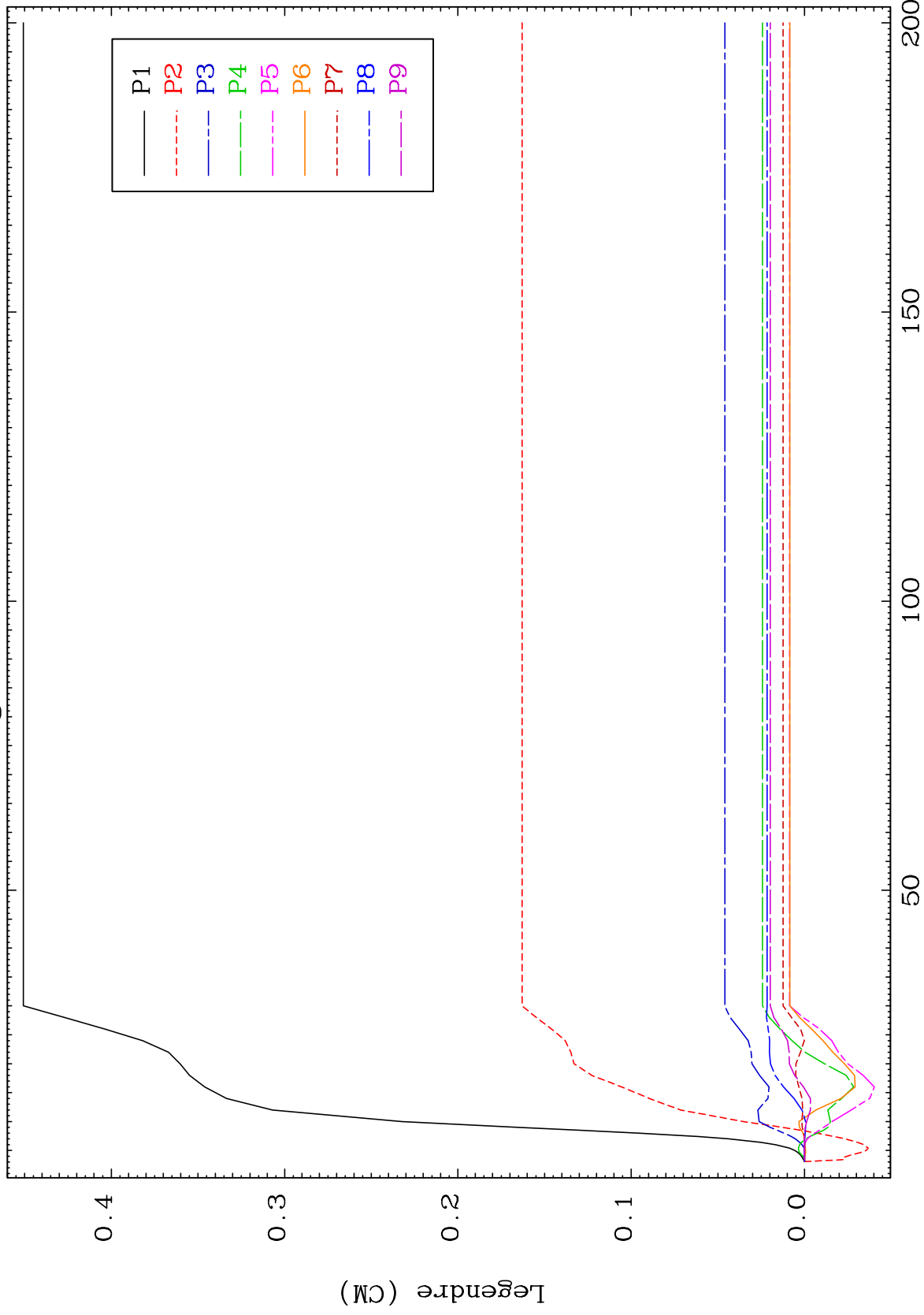
42-Mo-90



MAT 4219

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

42-Mo-90



73

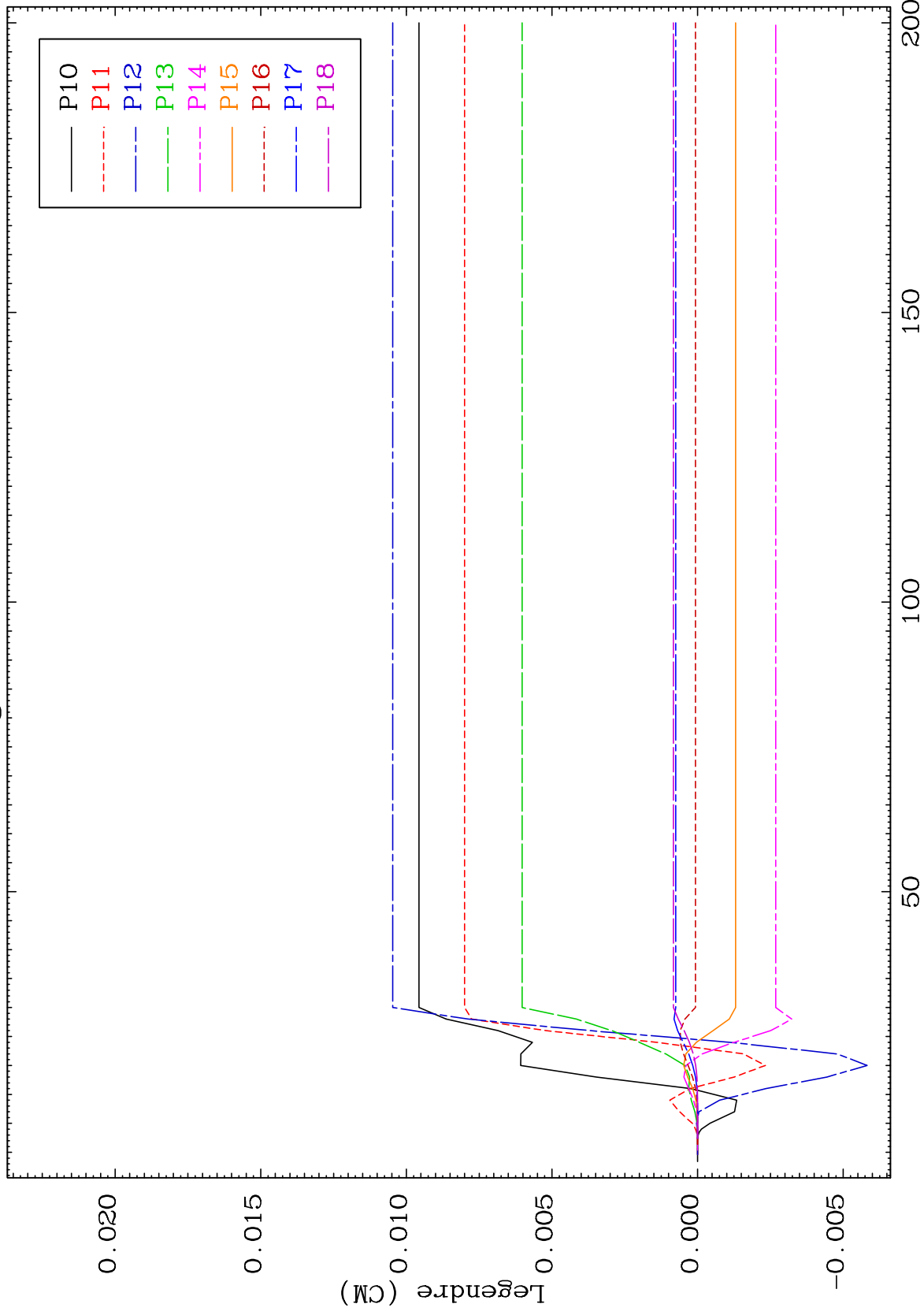
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

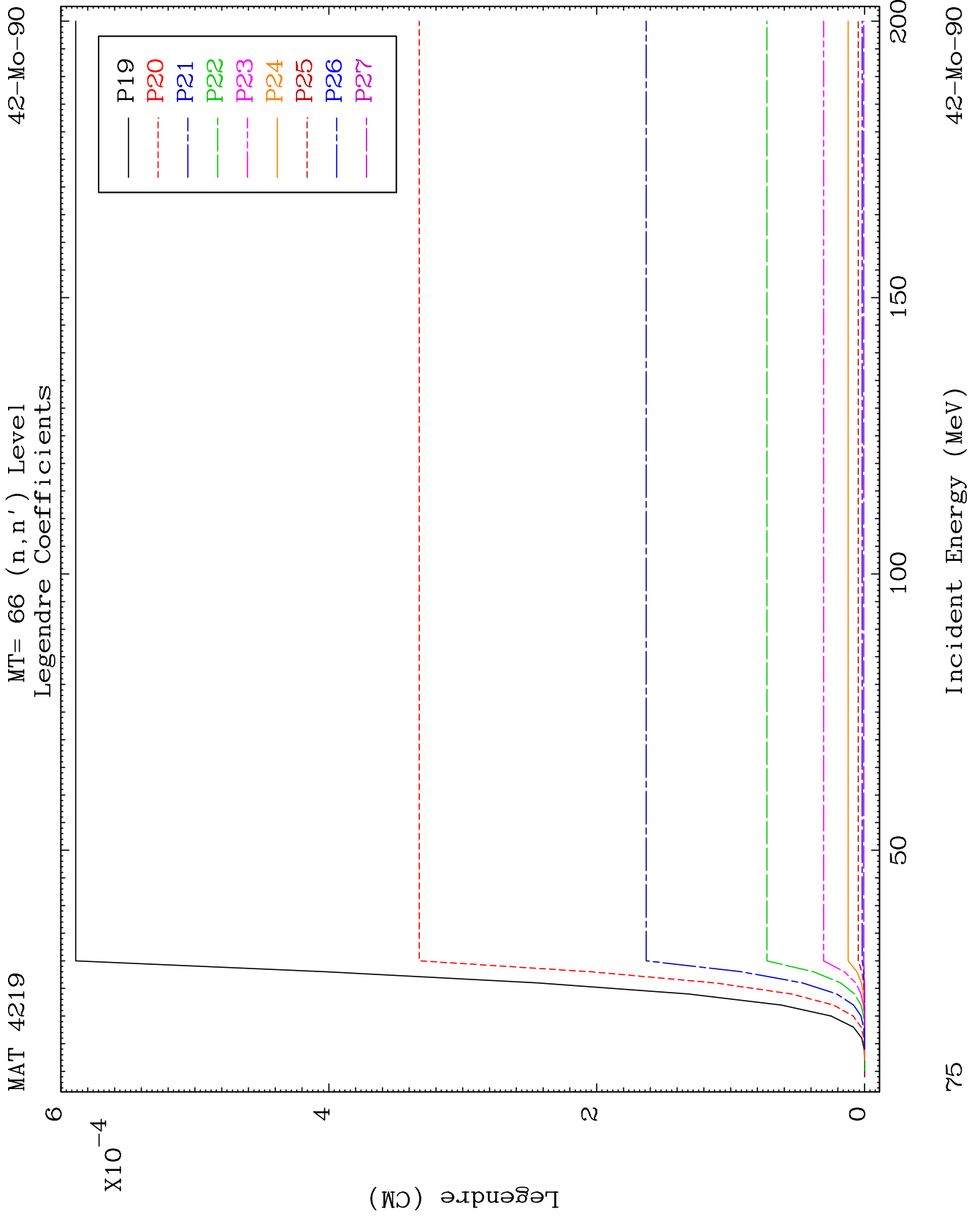
42-Mo-90

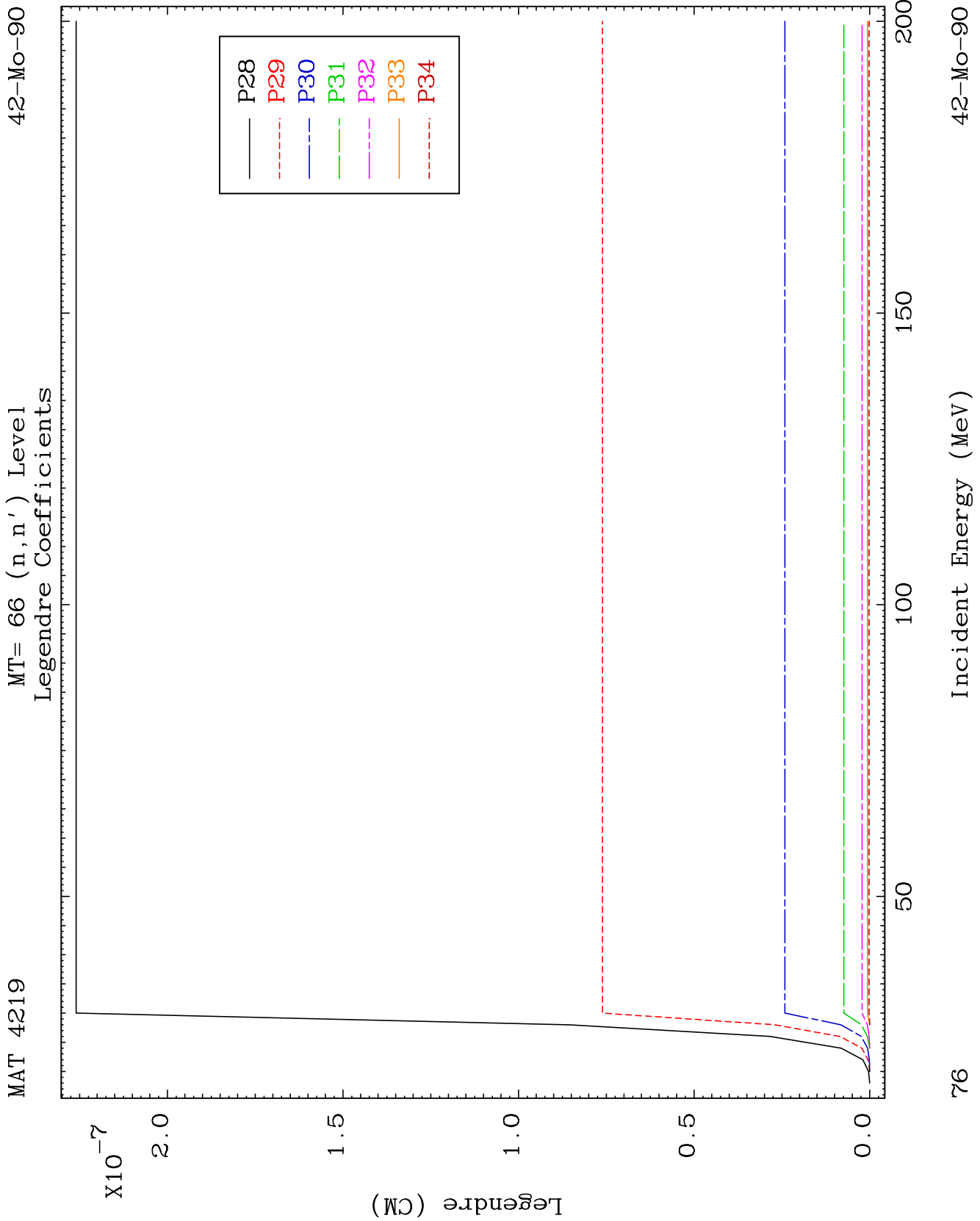


74

Incident Energy (MeV)

42-Mo-90

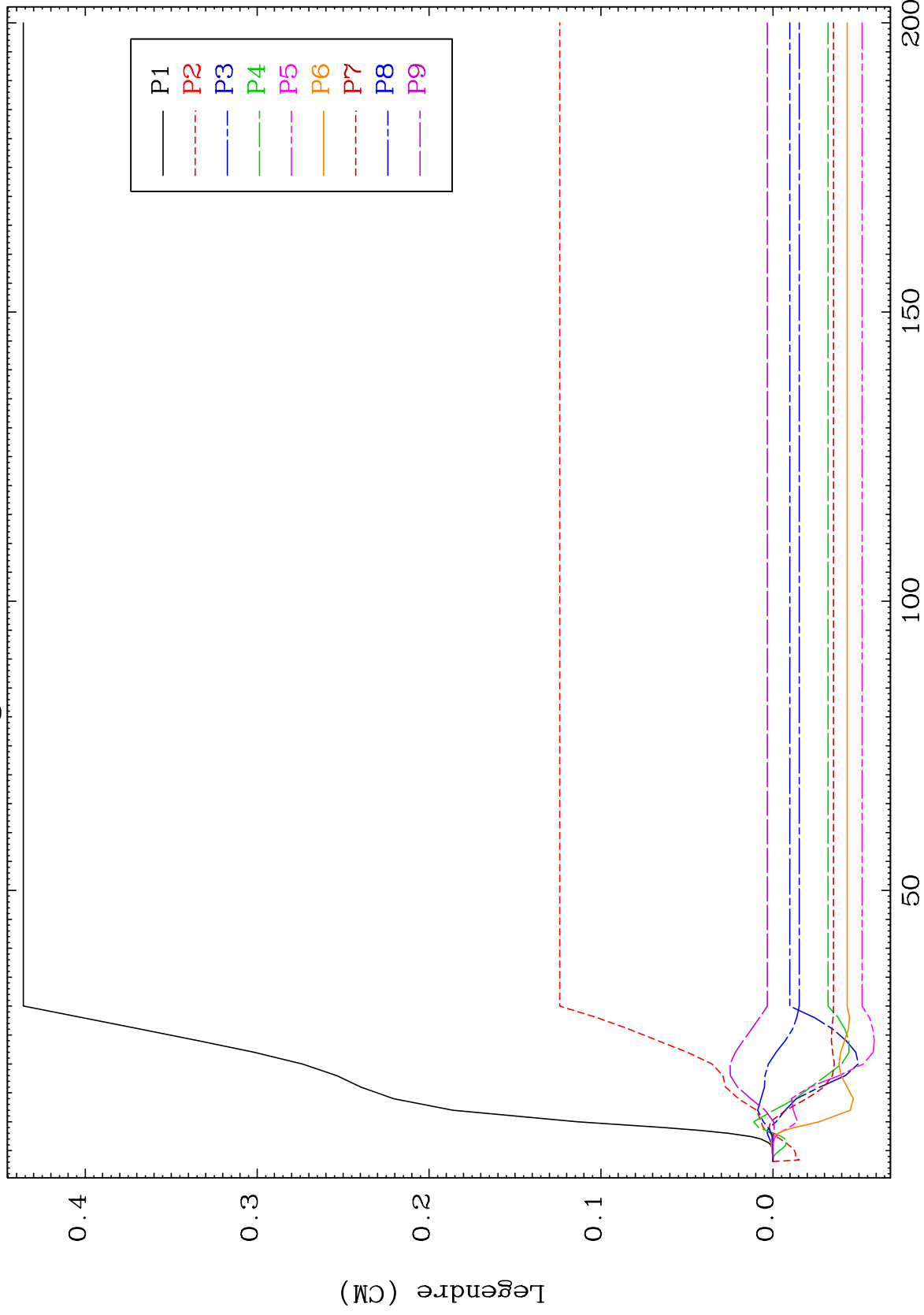




MAT 4219

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

42-Mo-90



77

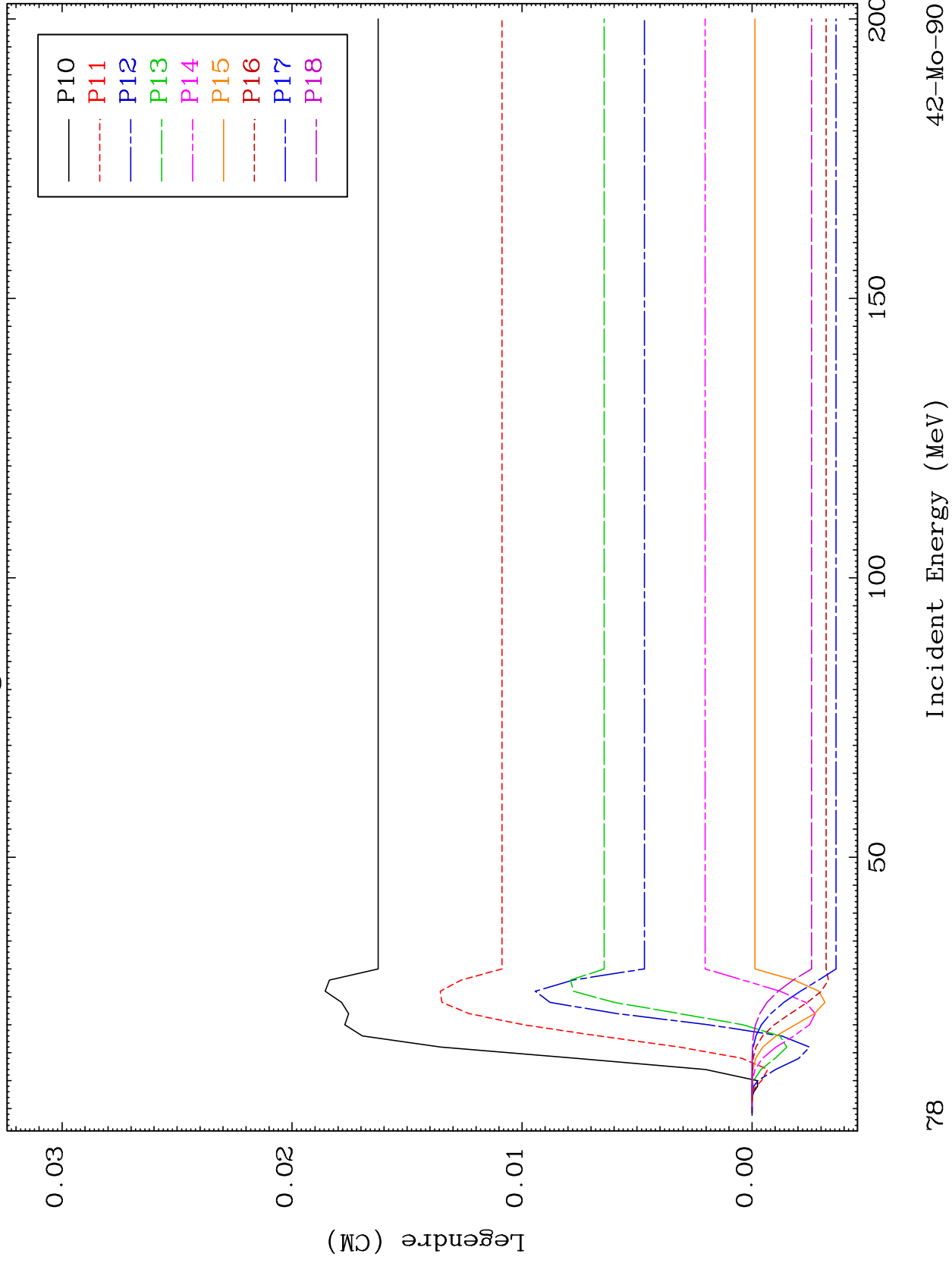
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

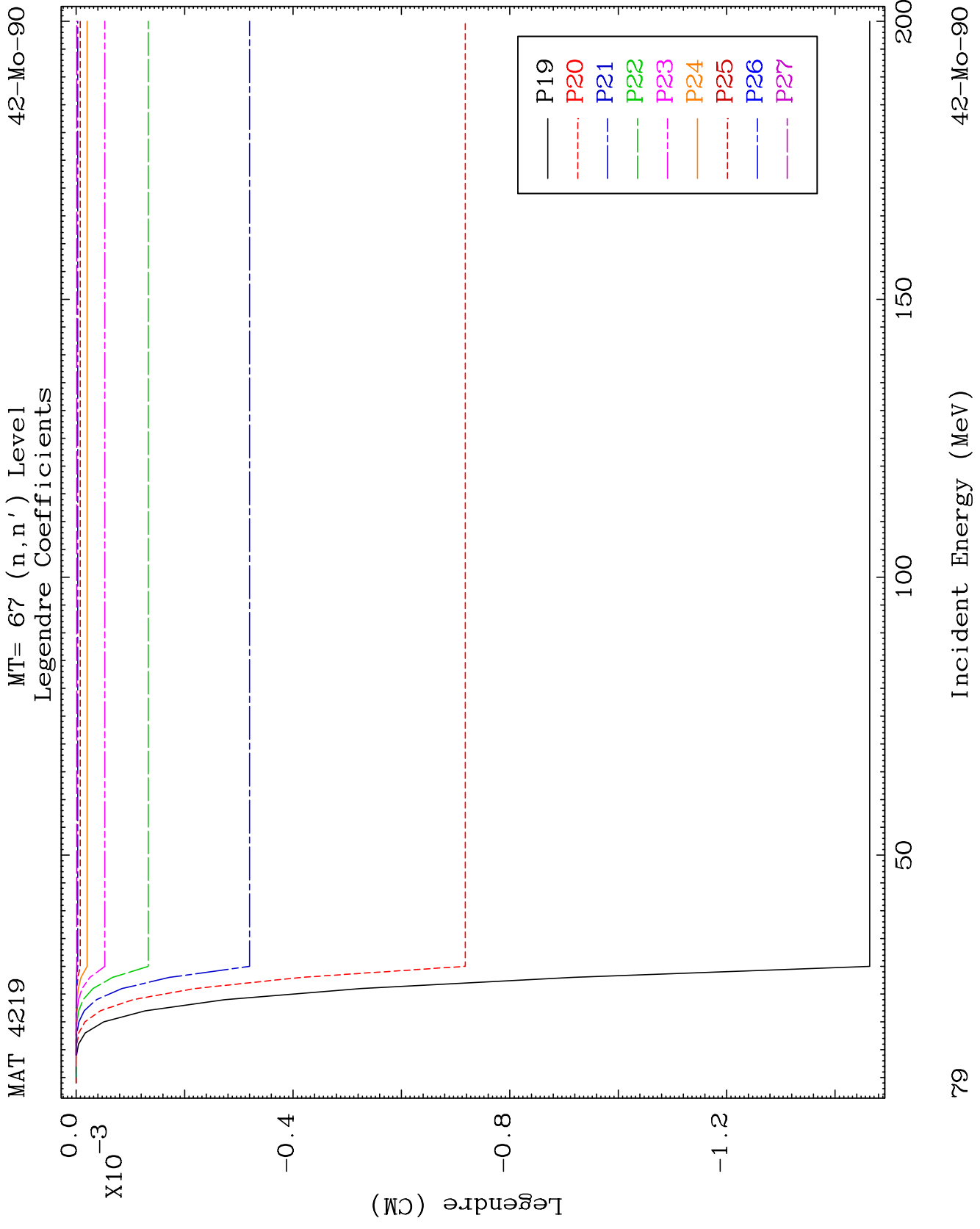
42-Mo-90

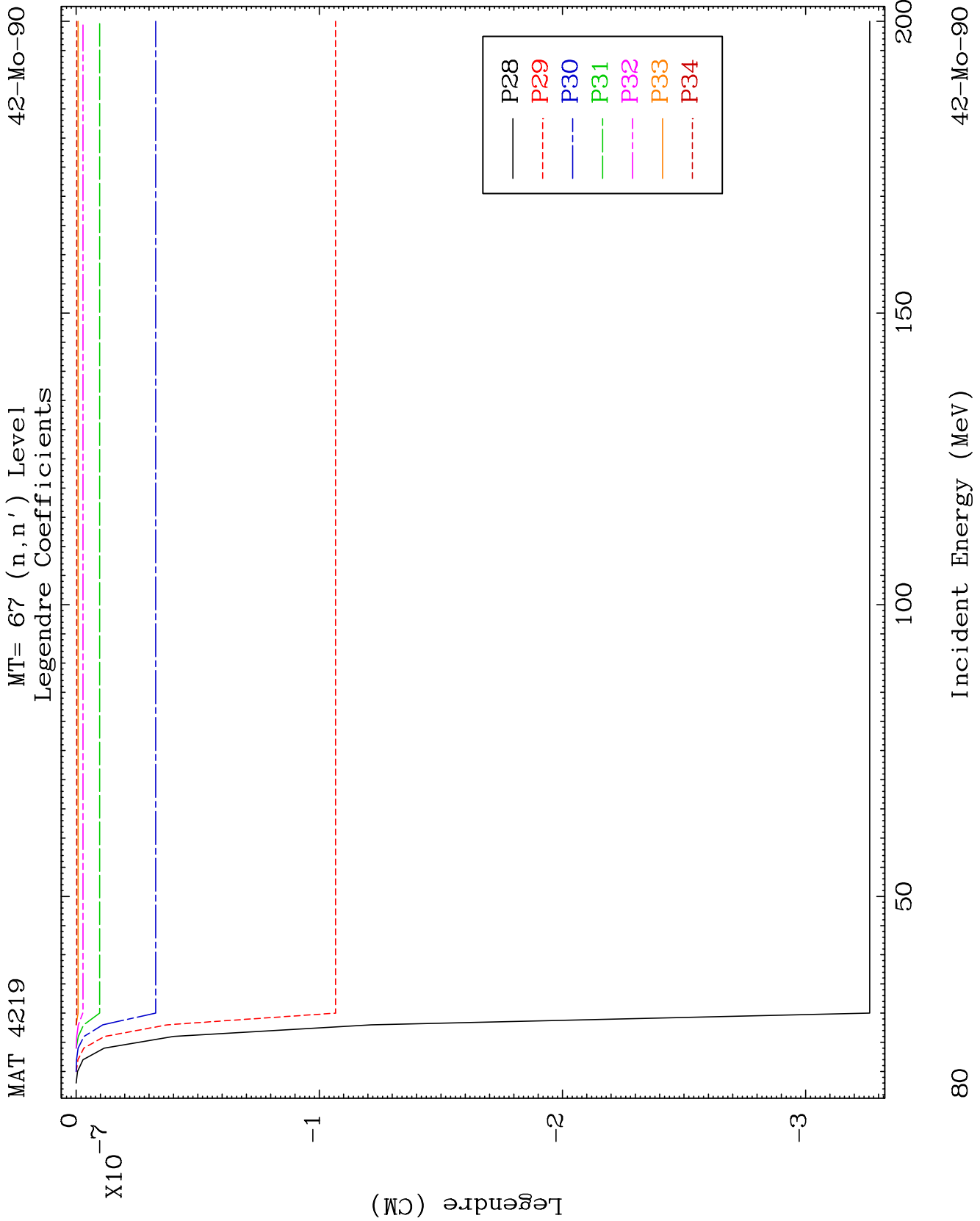


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Incident Energy (MeV)

42-Mo-90

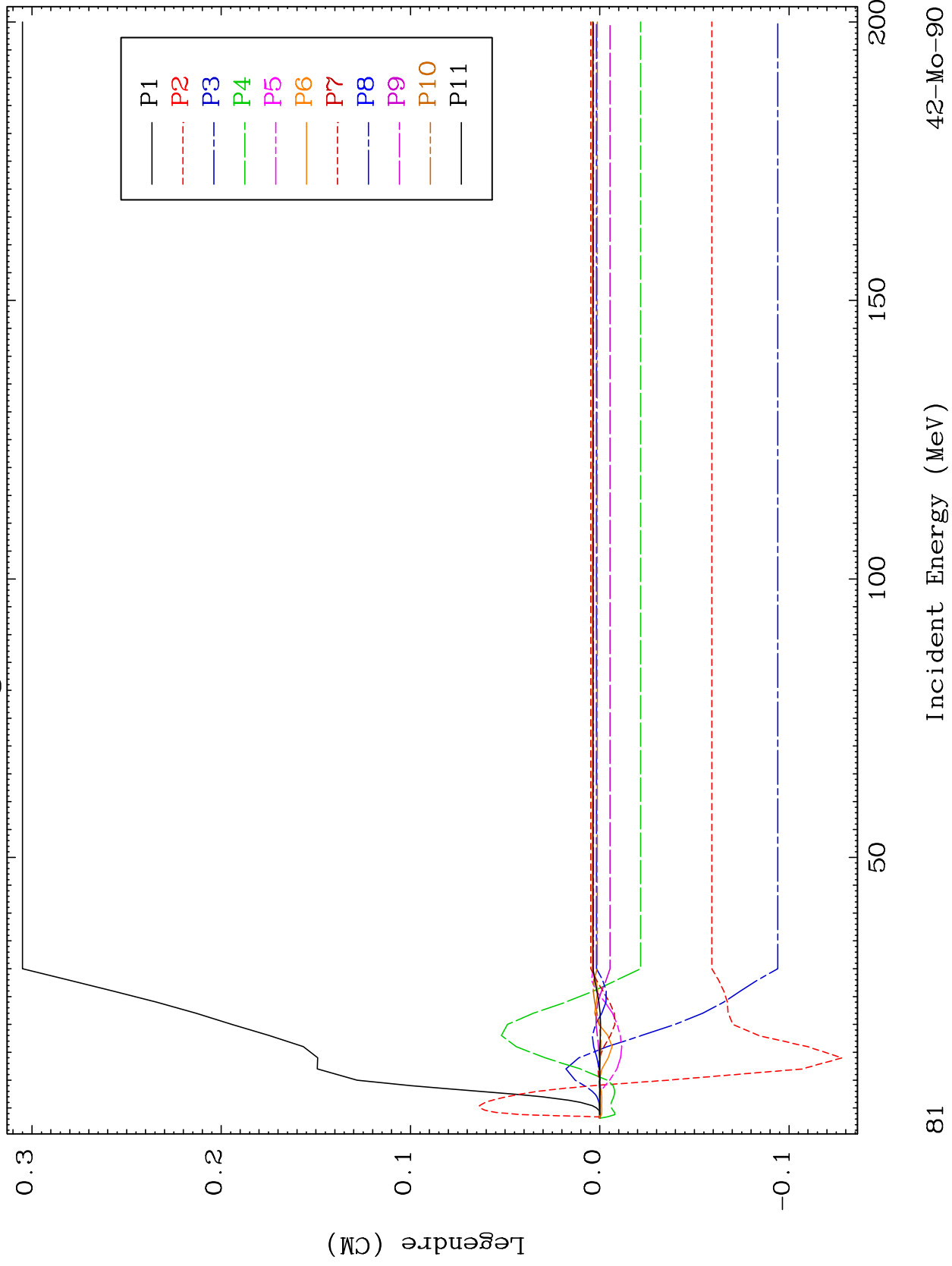




MAT 4219

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

42-Mo-90



81

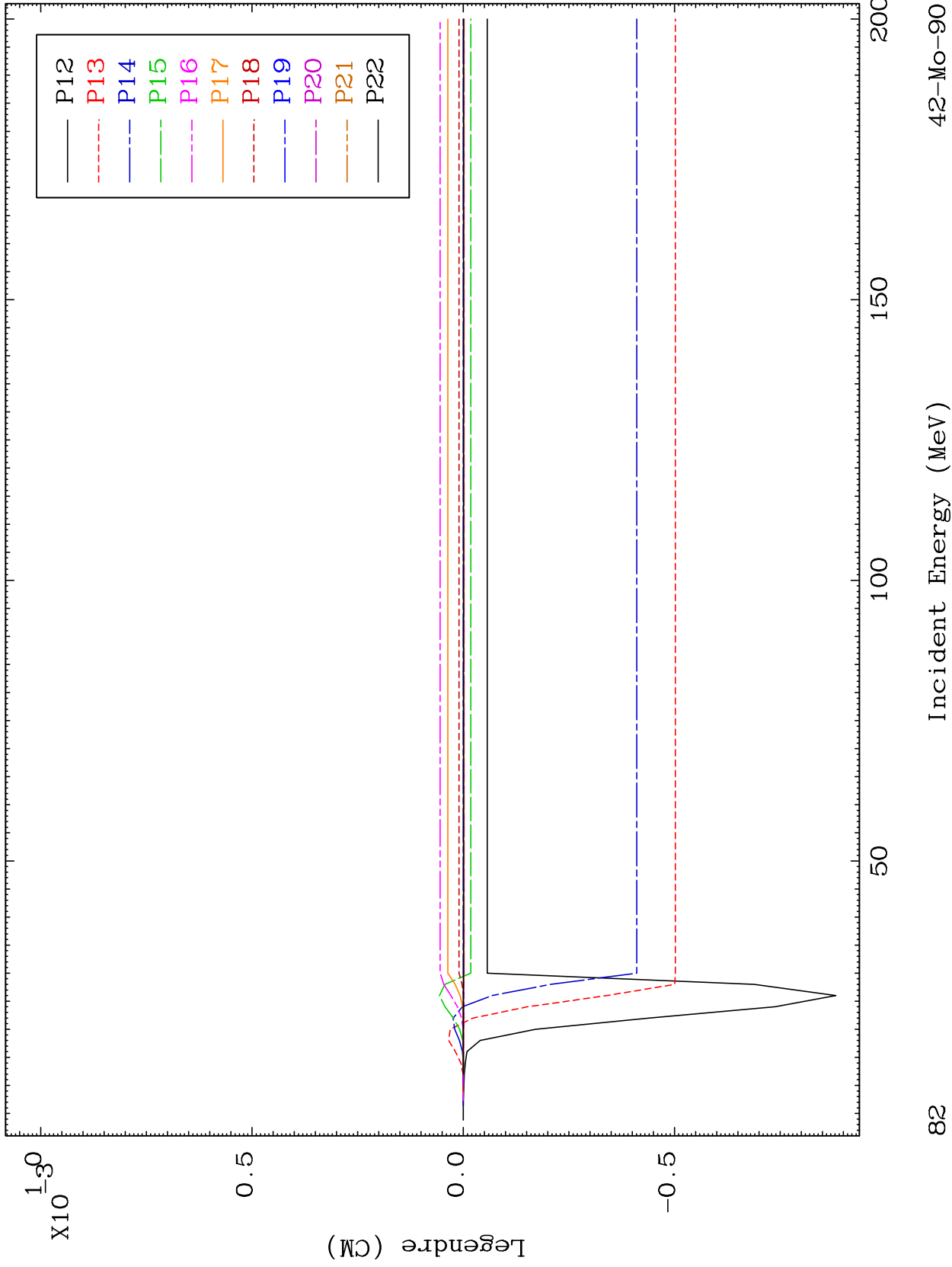
Incident Energy (MeV)

42-Mo-90

MAT 4219

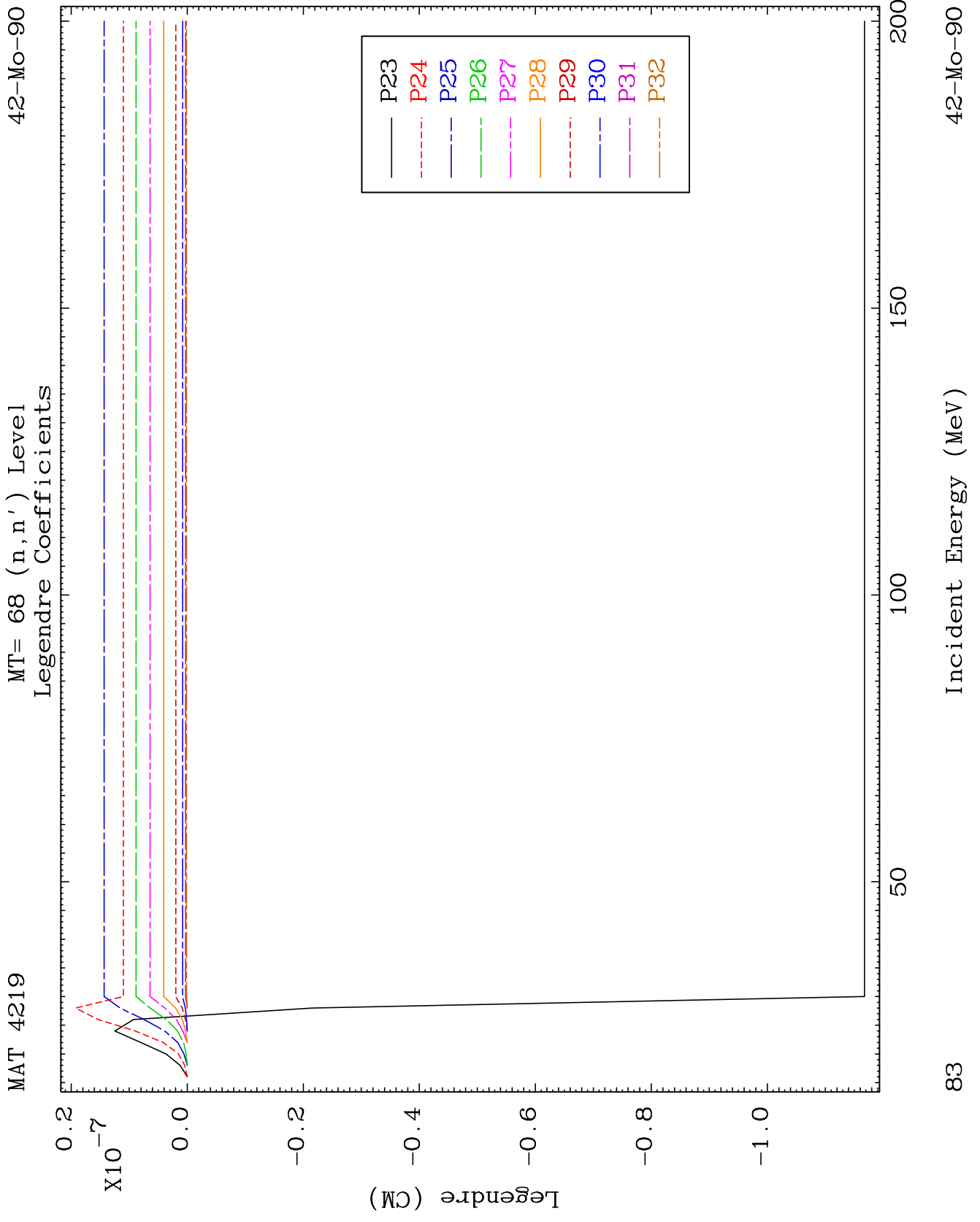
MT= 68 (n,n') Level
Legendre Coefficients

42-Mo-90



82

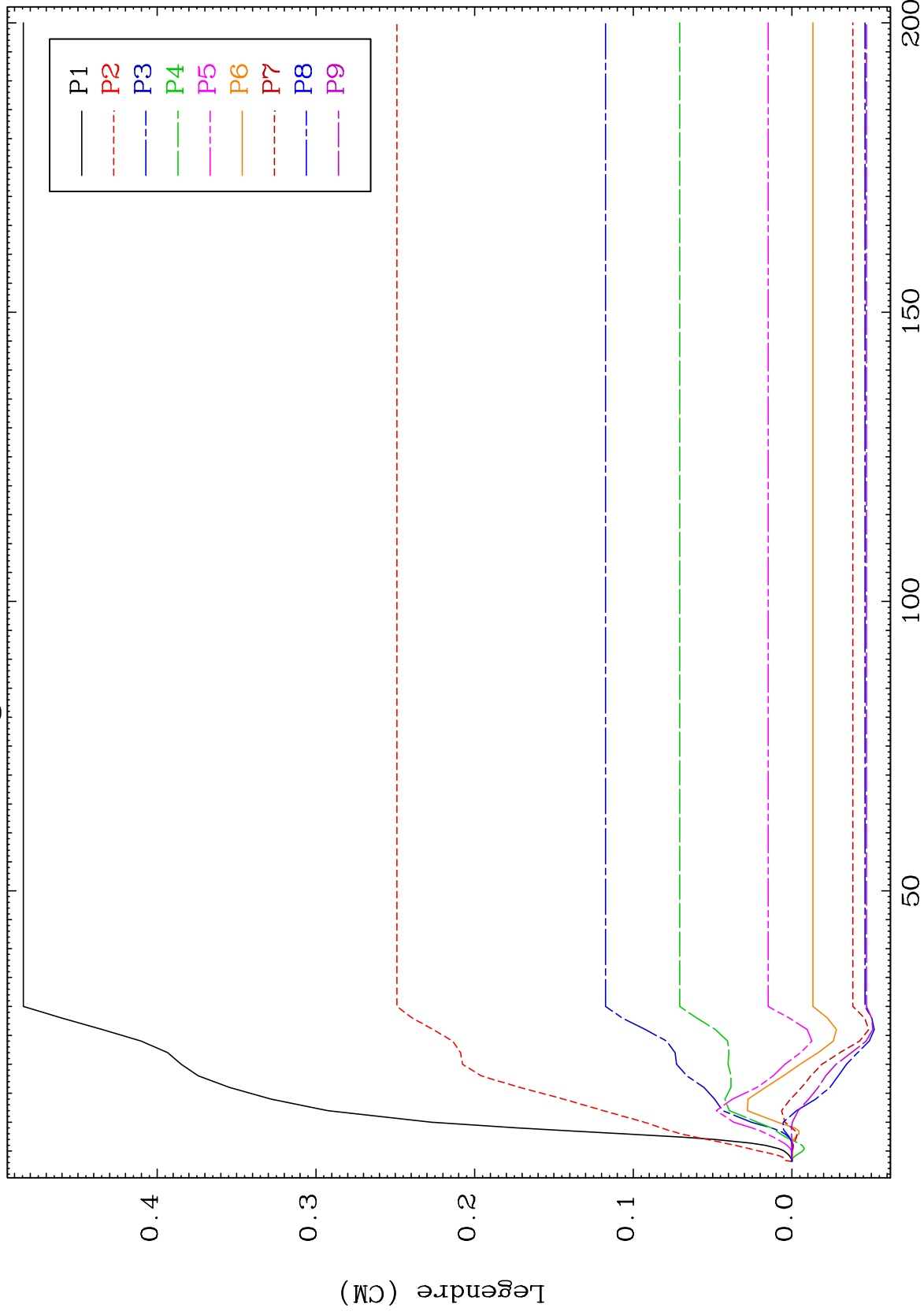
42-Mo-90



MAT 4219

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

42-Mo-90



84

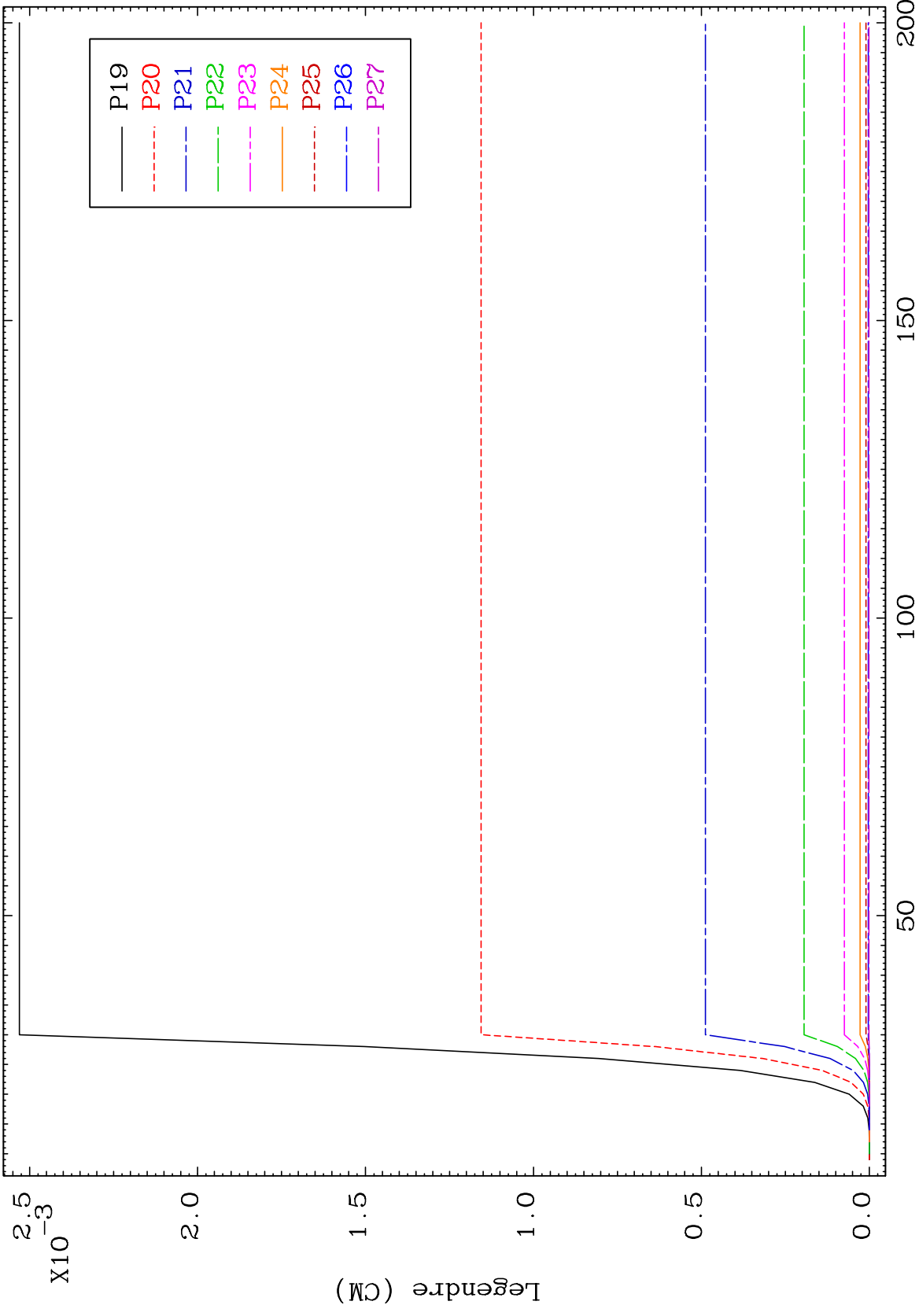
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



86

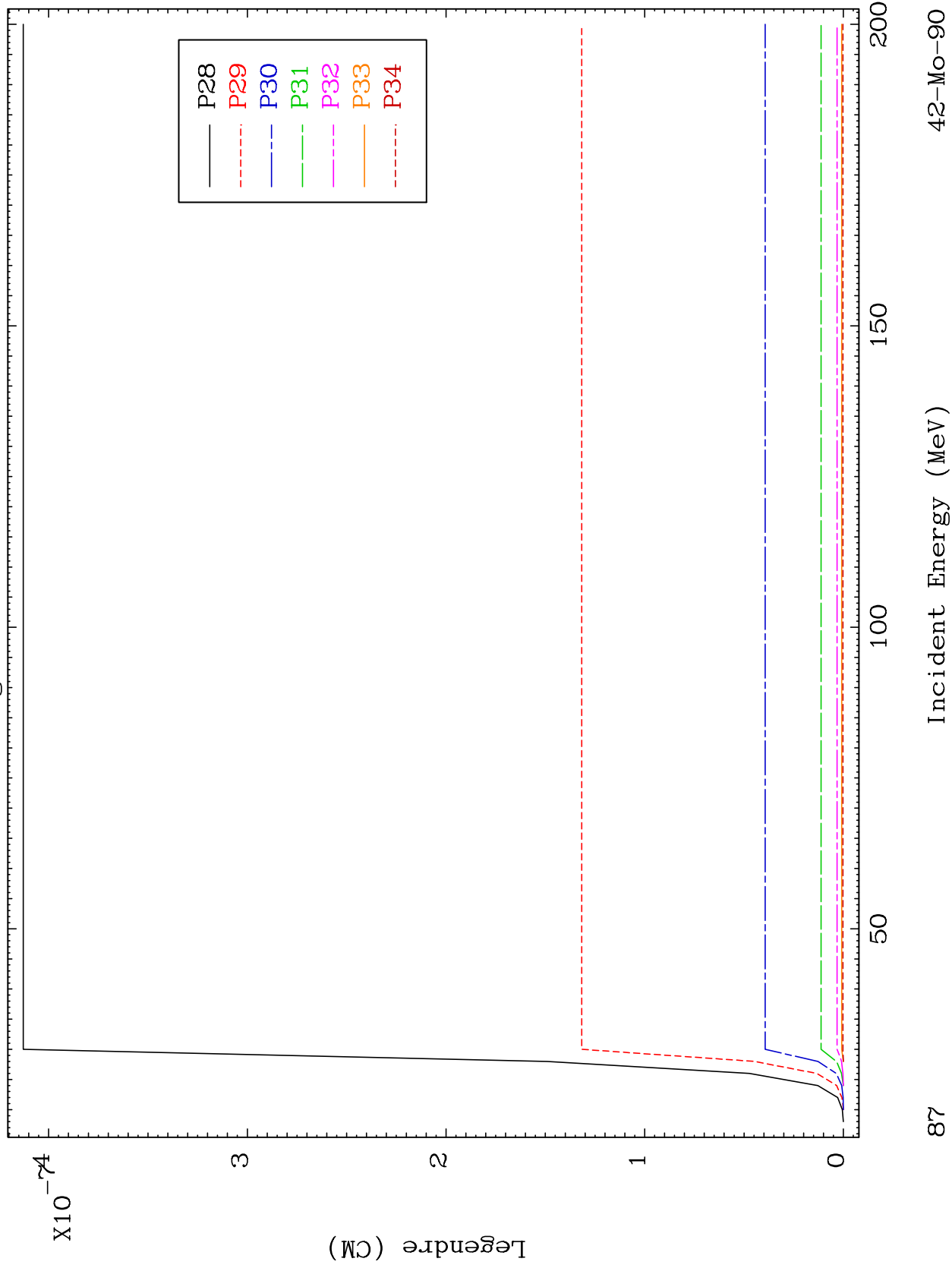
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

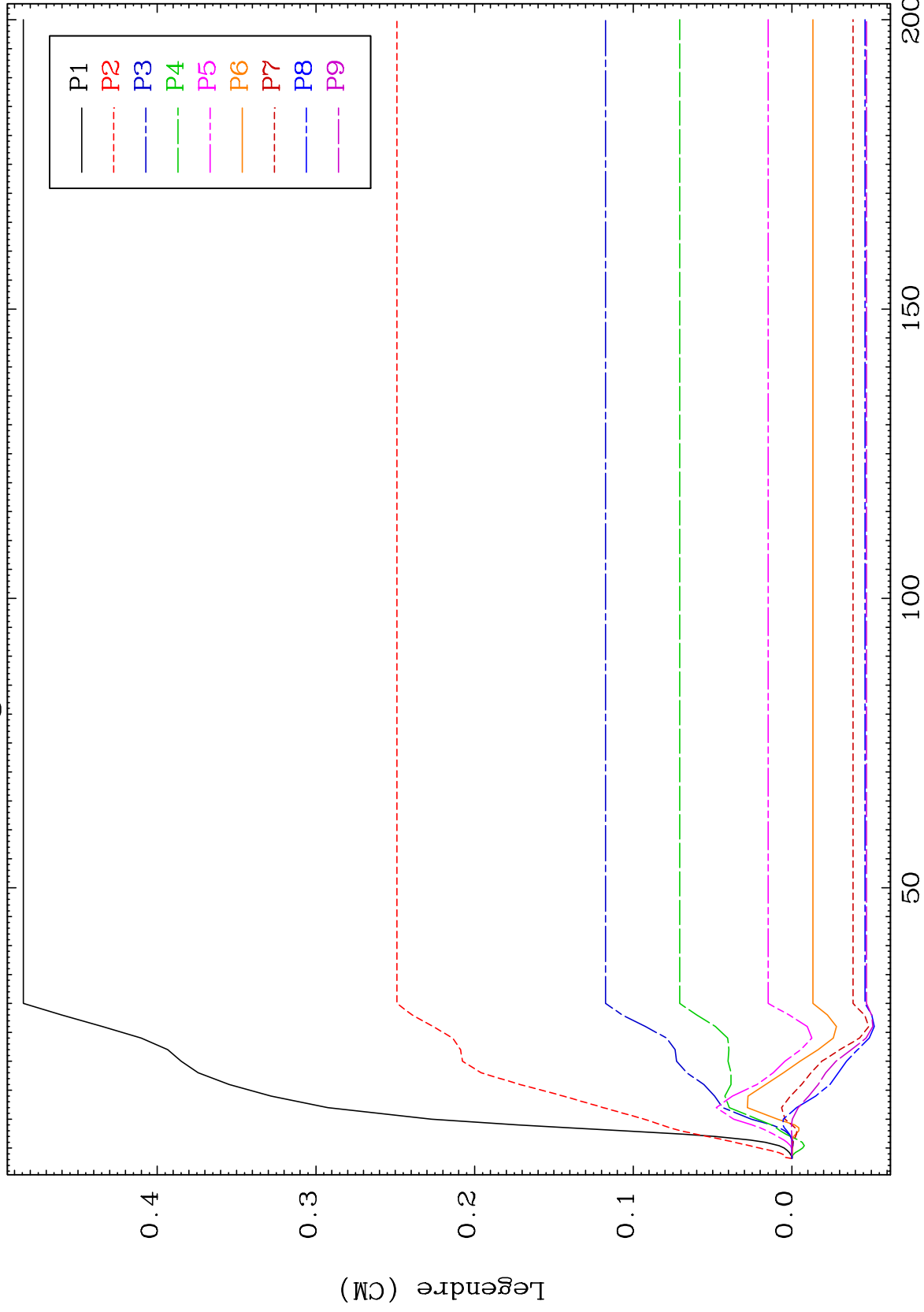
42-Mo-90



MAT 4219

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

42-Mo-90



88

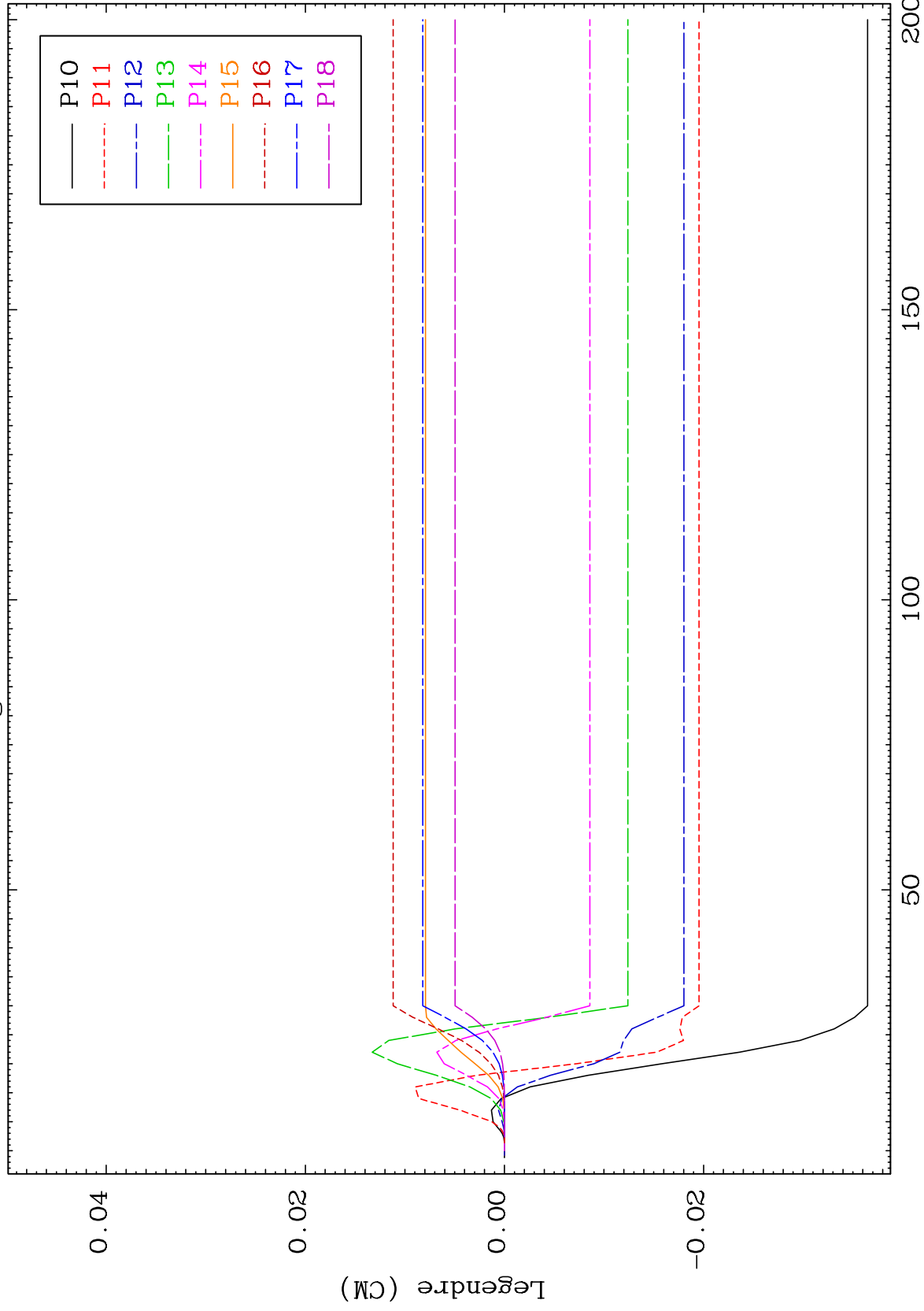
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

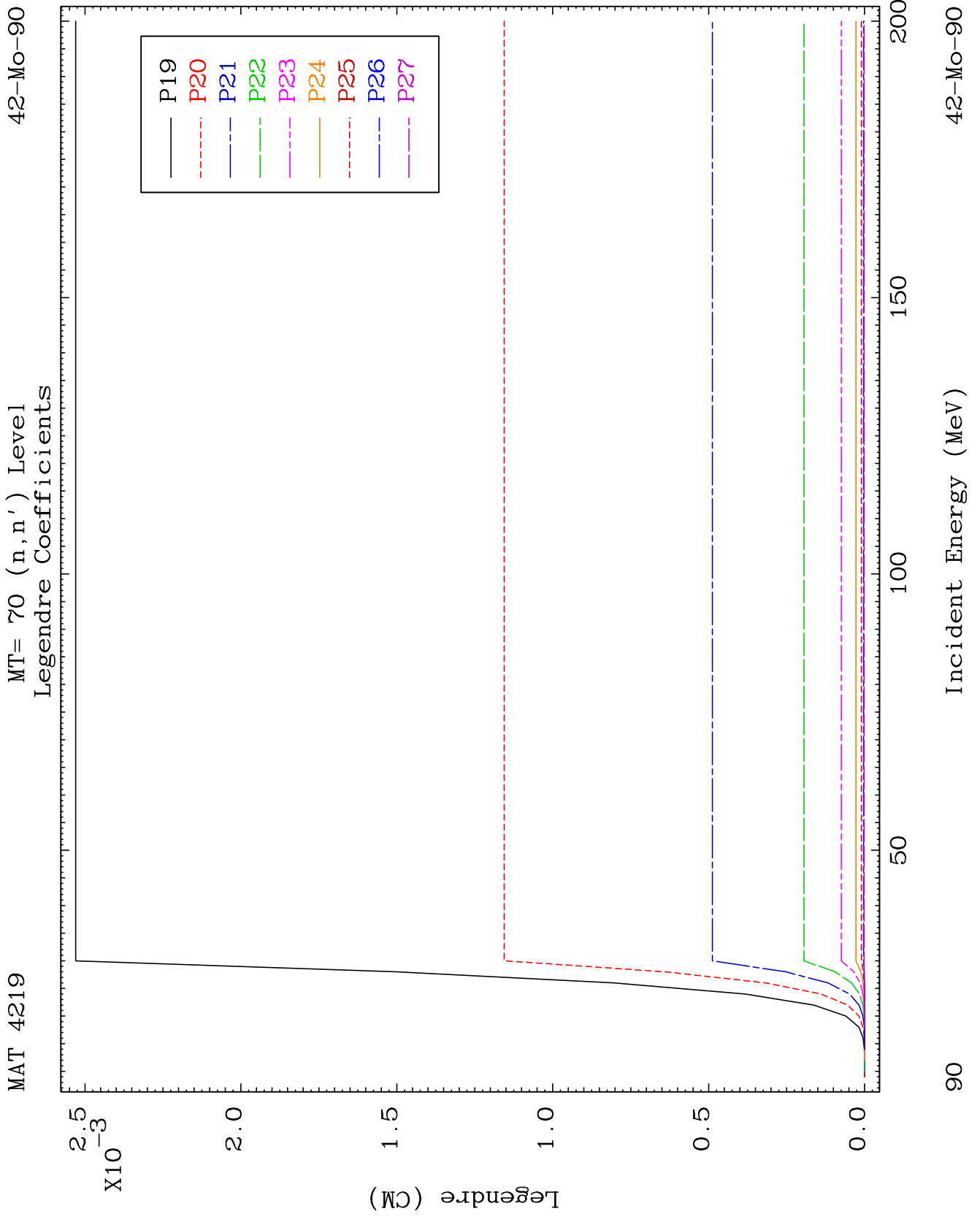
42-Mo-90



89

Incident Energy (MeV)

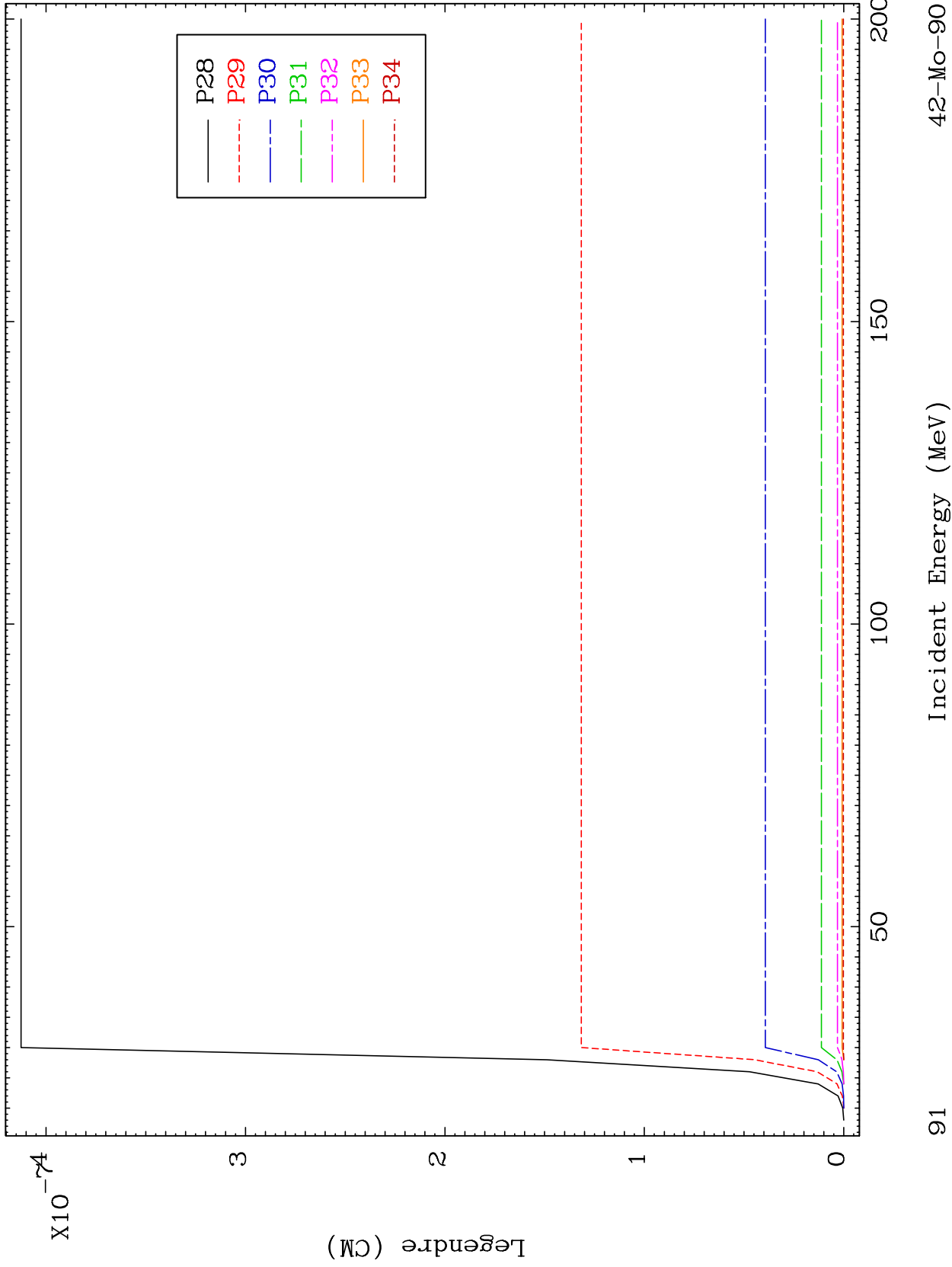
42-Mo-90



MAT 4219

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

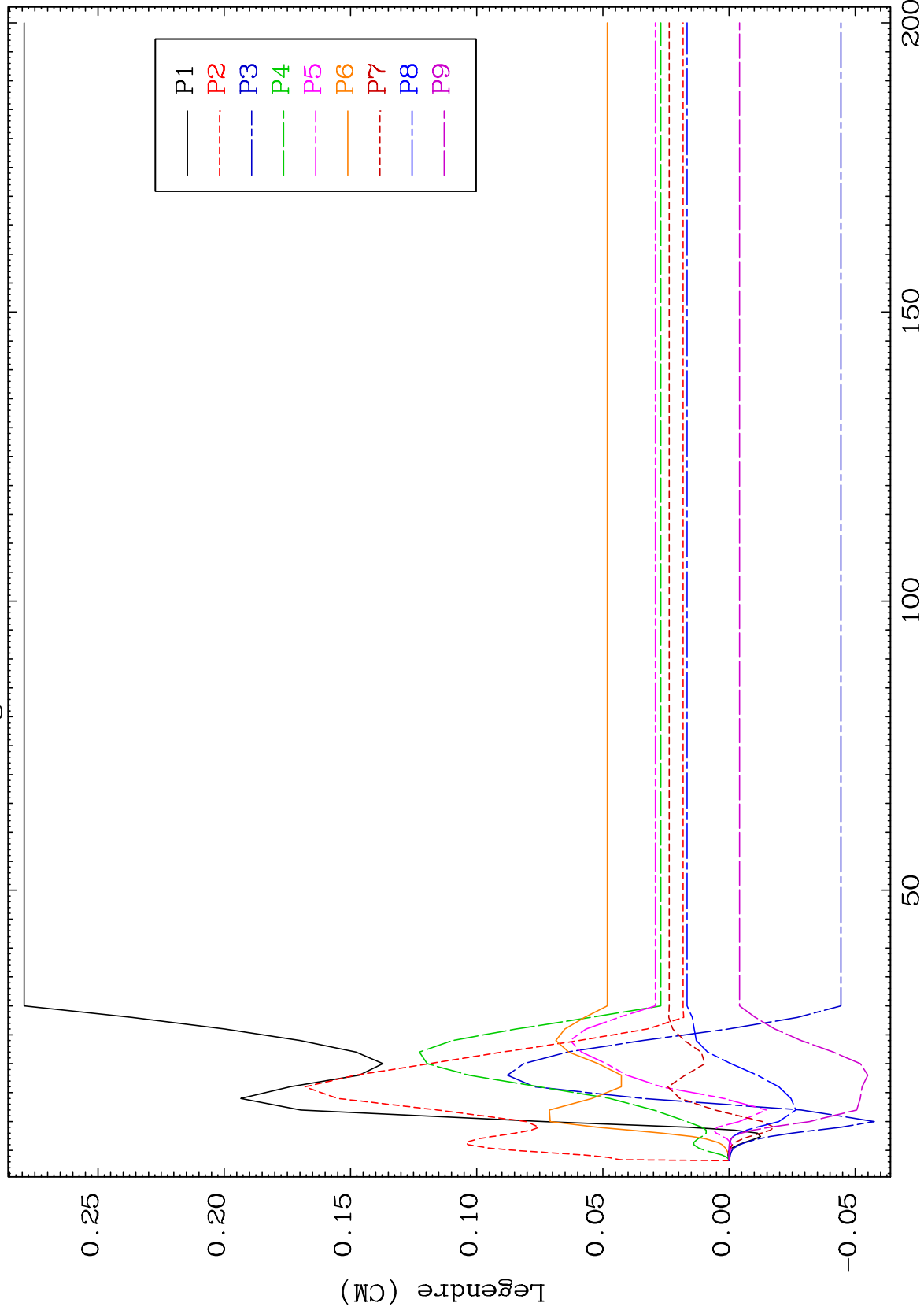
42-Mo-90



MAT 4219

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

42-Mo-90



92

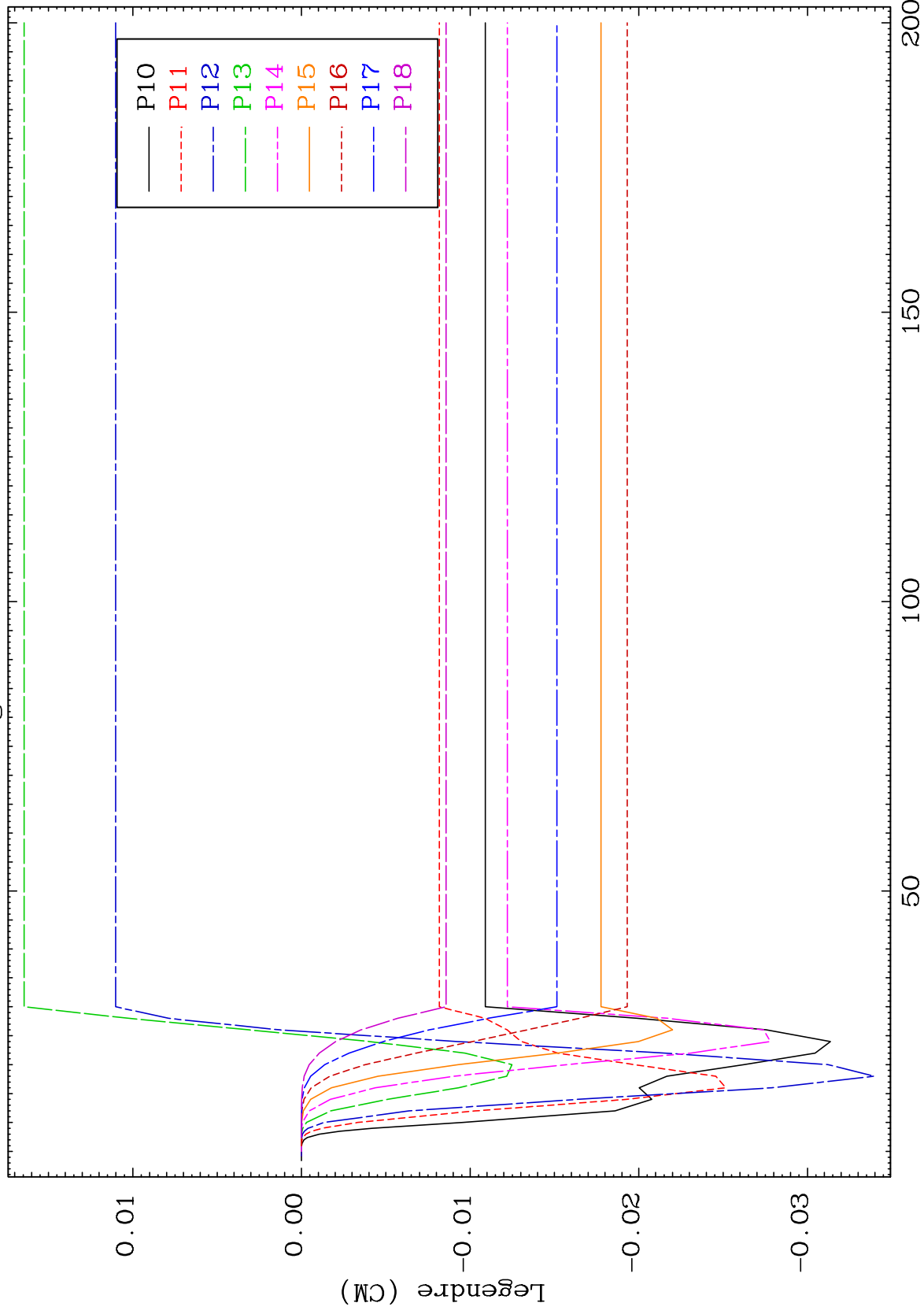
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

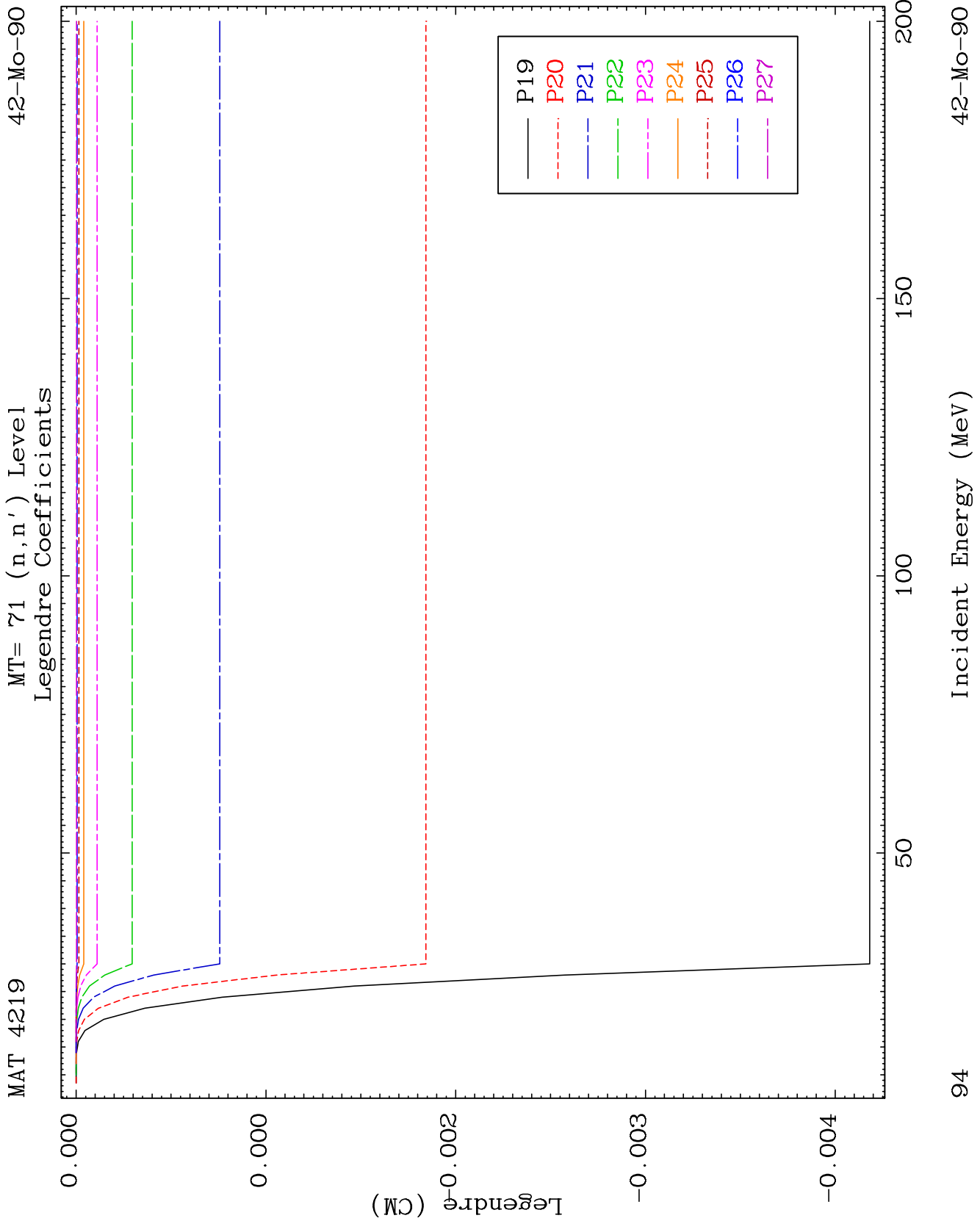
42-Mo-90

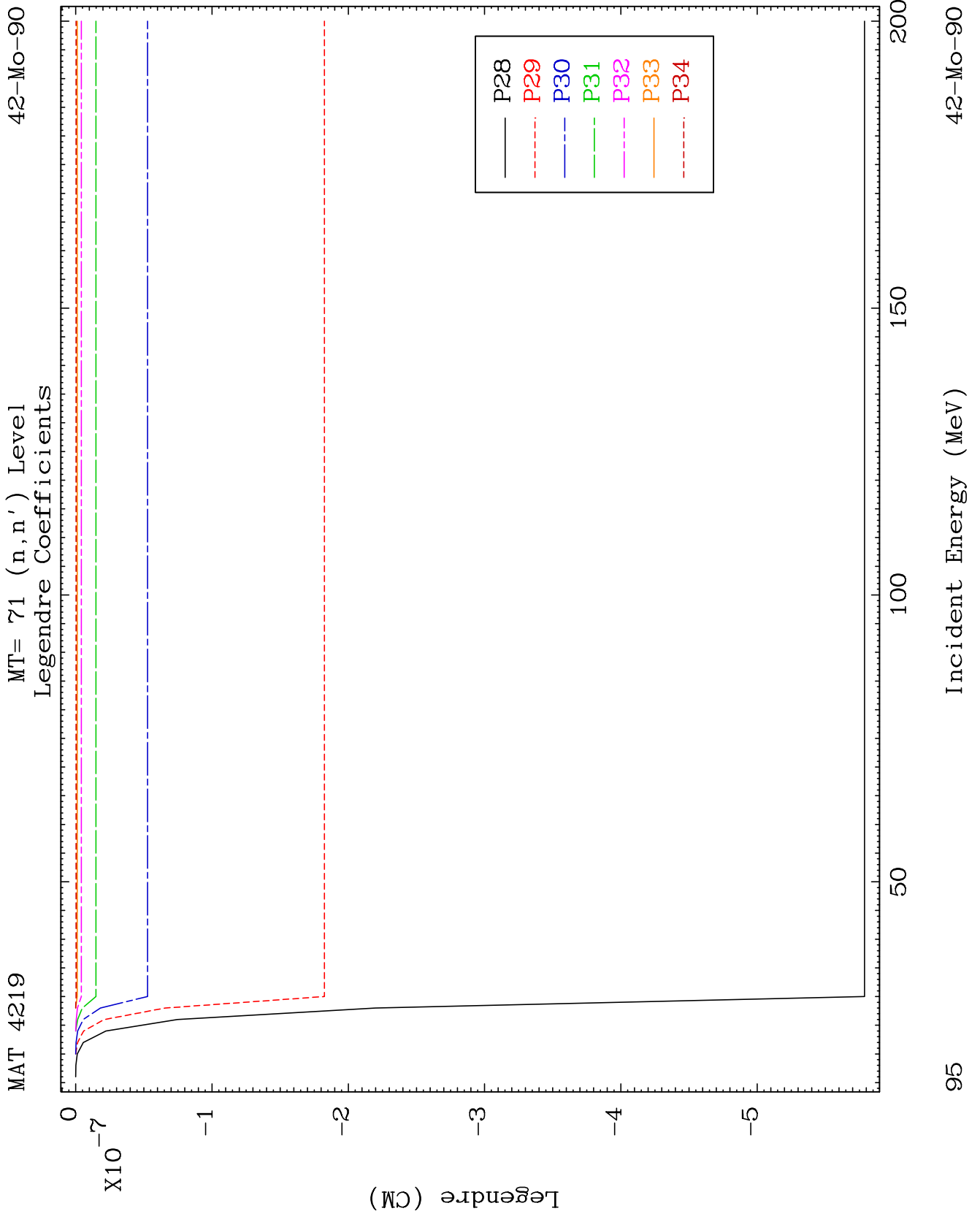


93

Incident Energy (MeV)

42-Mo-90

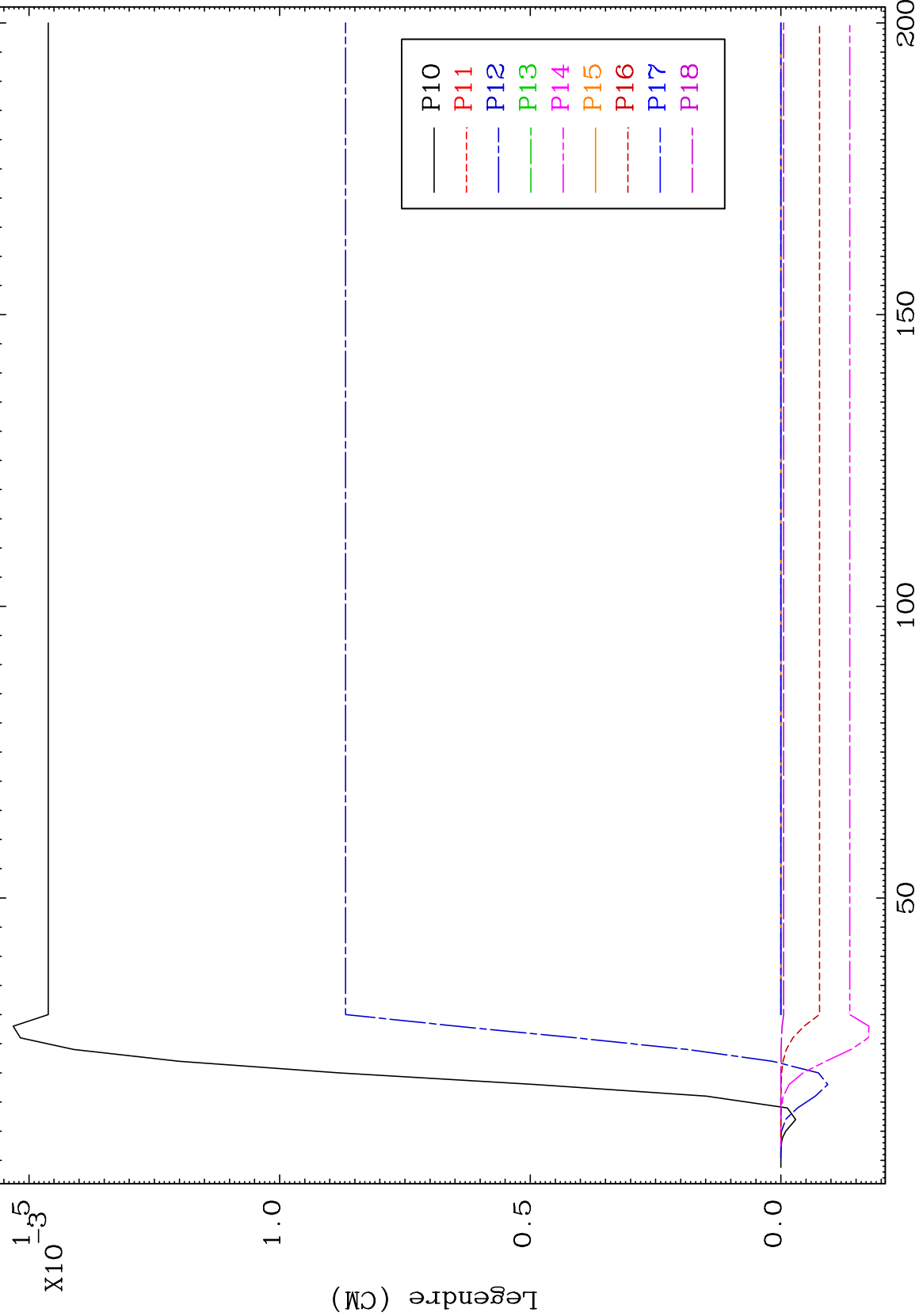




MAT 4219

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

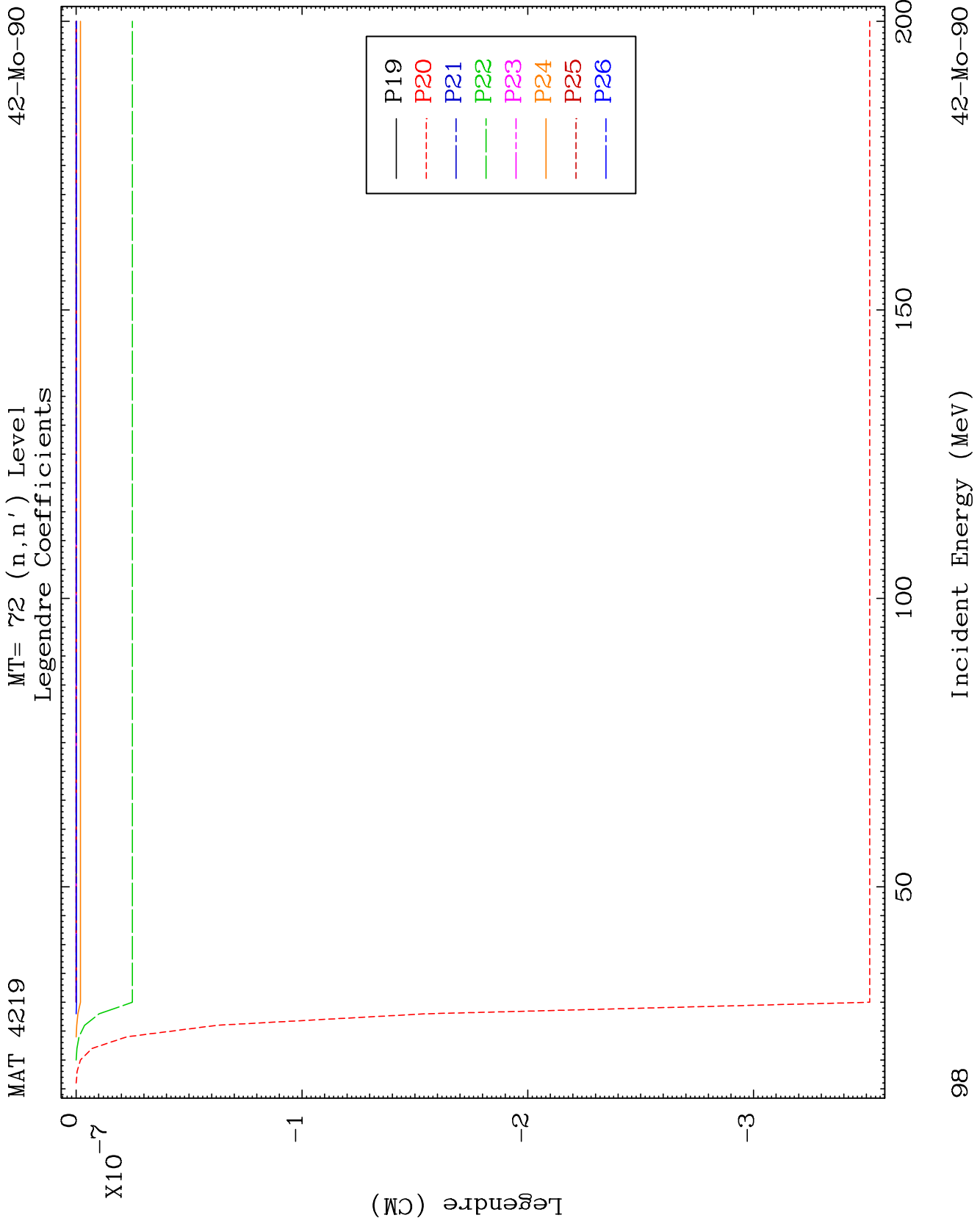
42-Mo-90



97

Incident Energy (MeV)

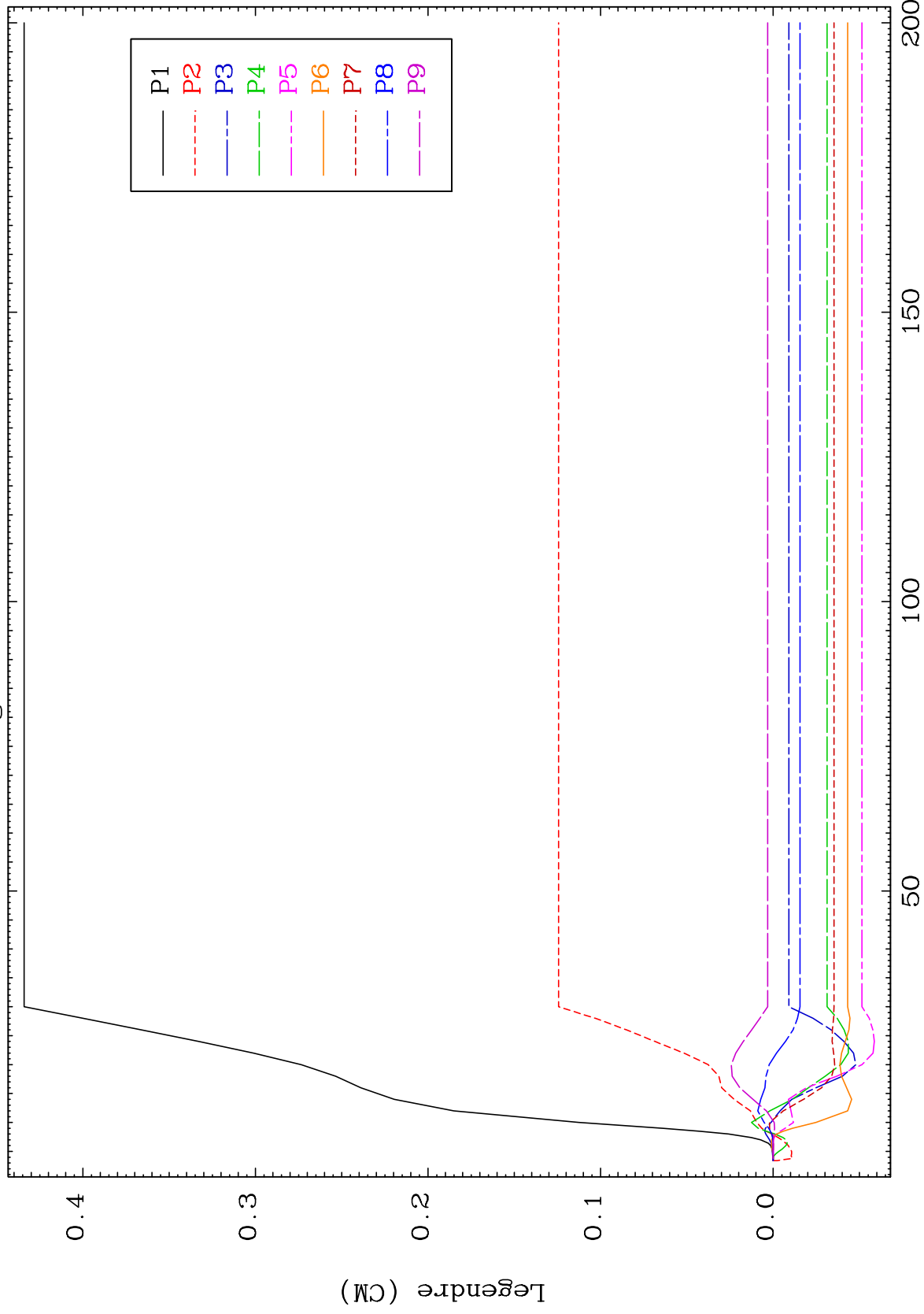
42-Mo-90



MAT 4219

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

42-Mo-90



99

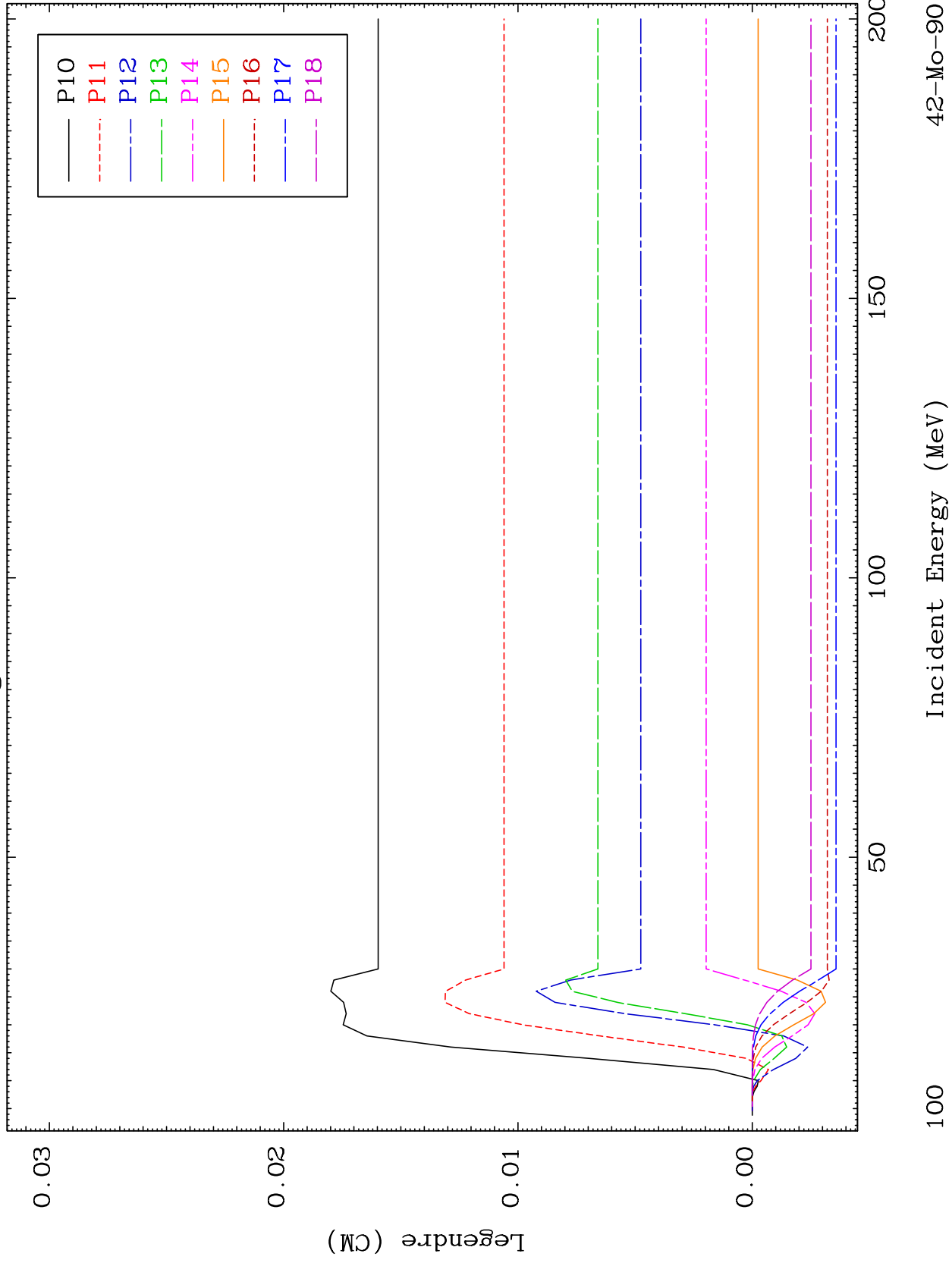
Incident Energy (MeV)

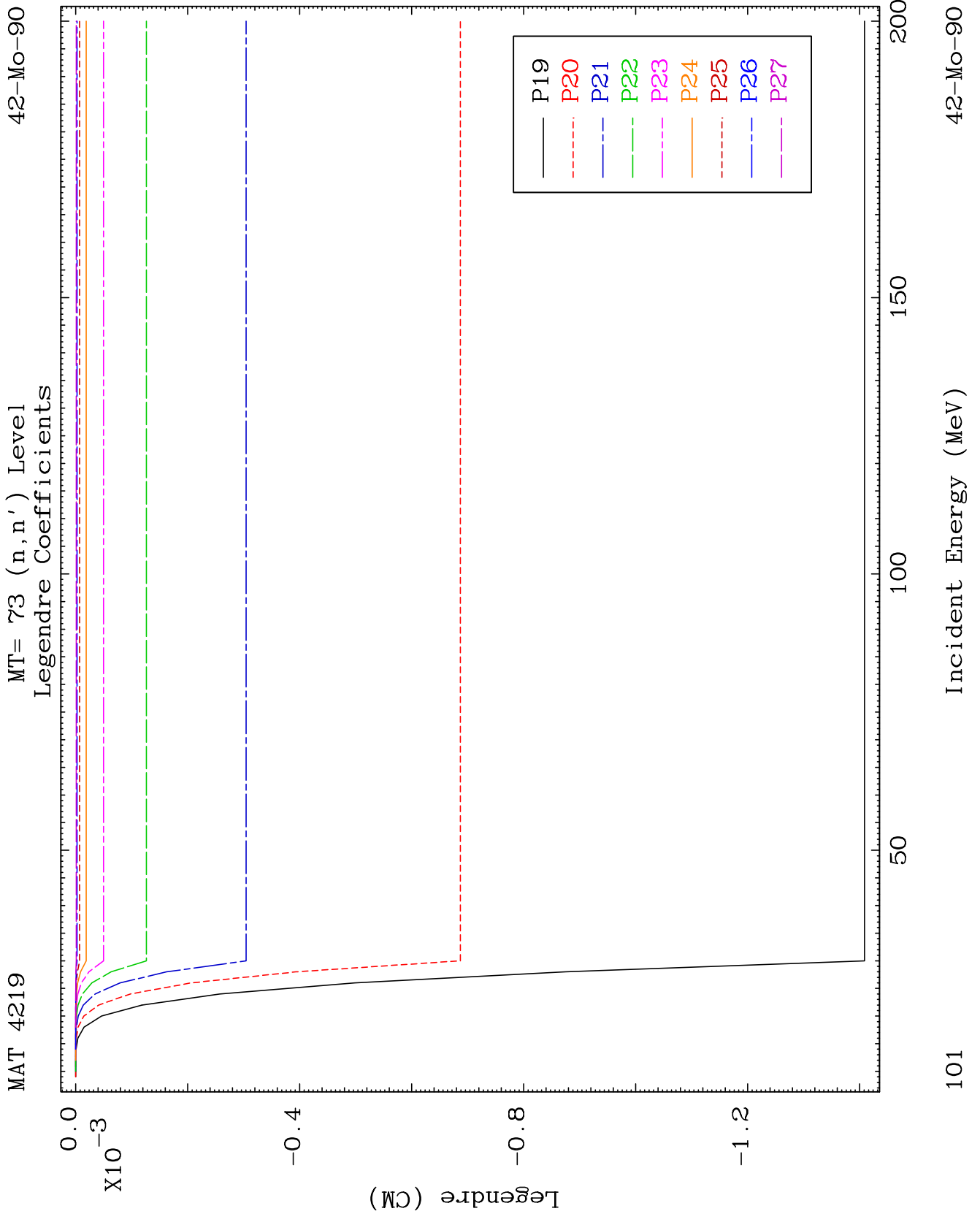
42-Mo-90

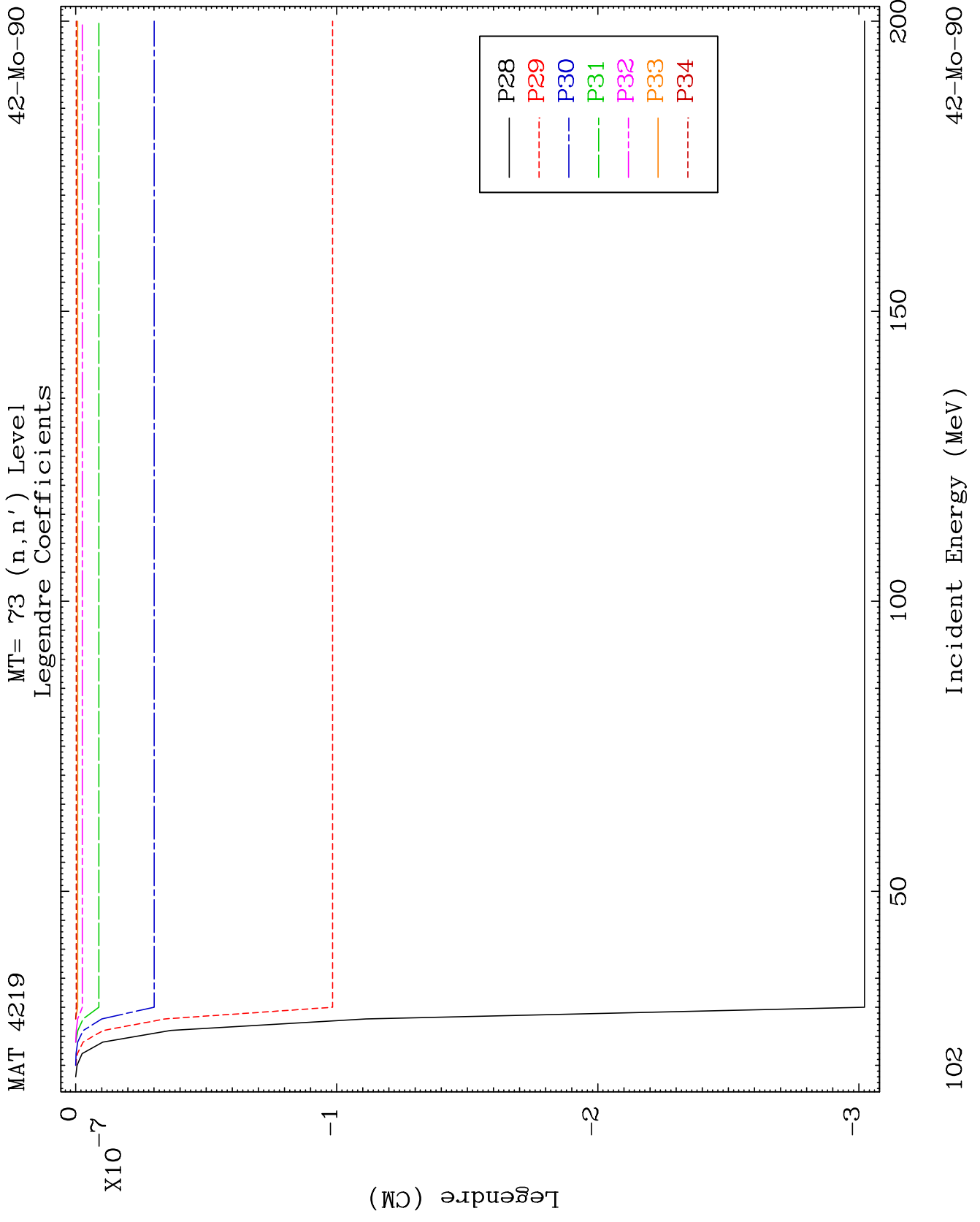
MAT 4219

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

42-Mo-90



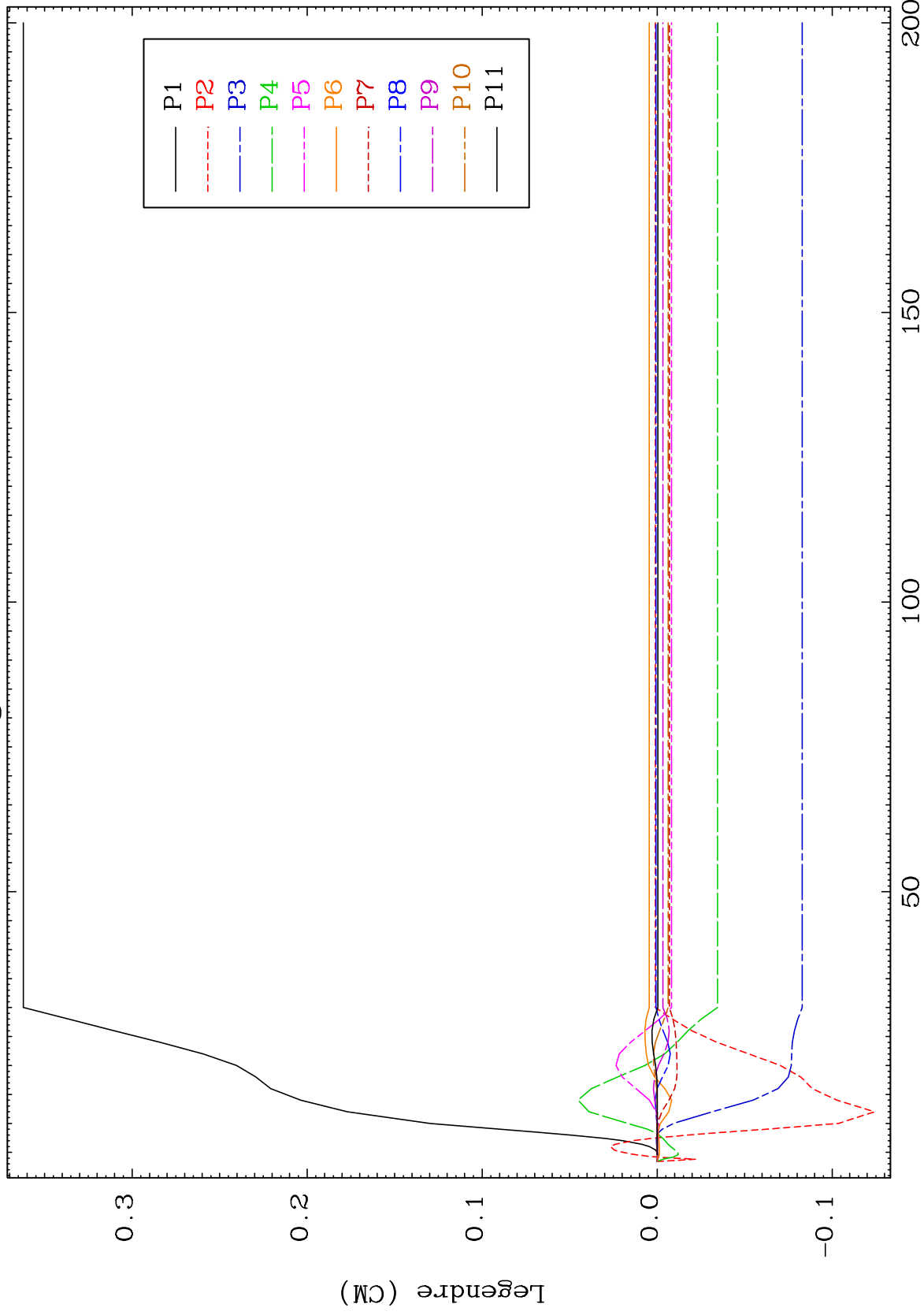




MAT 4219

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

42-Mo-90



103

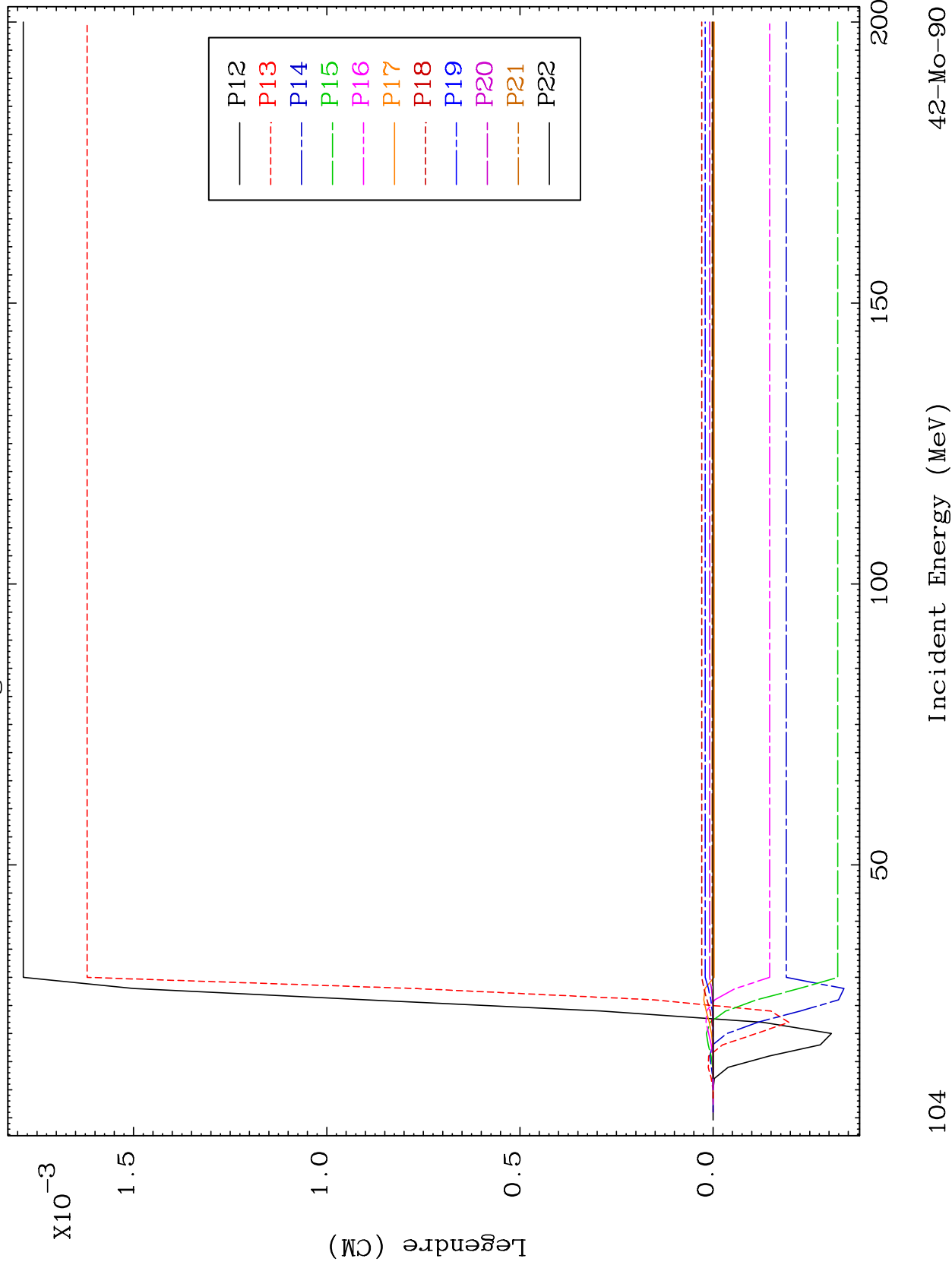
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

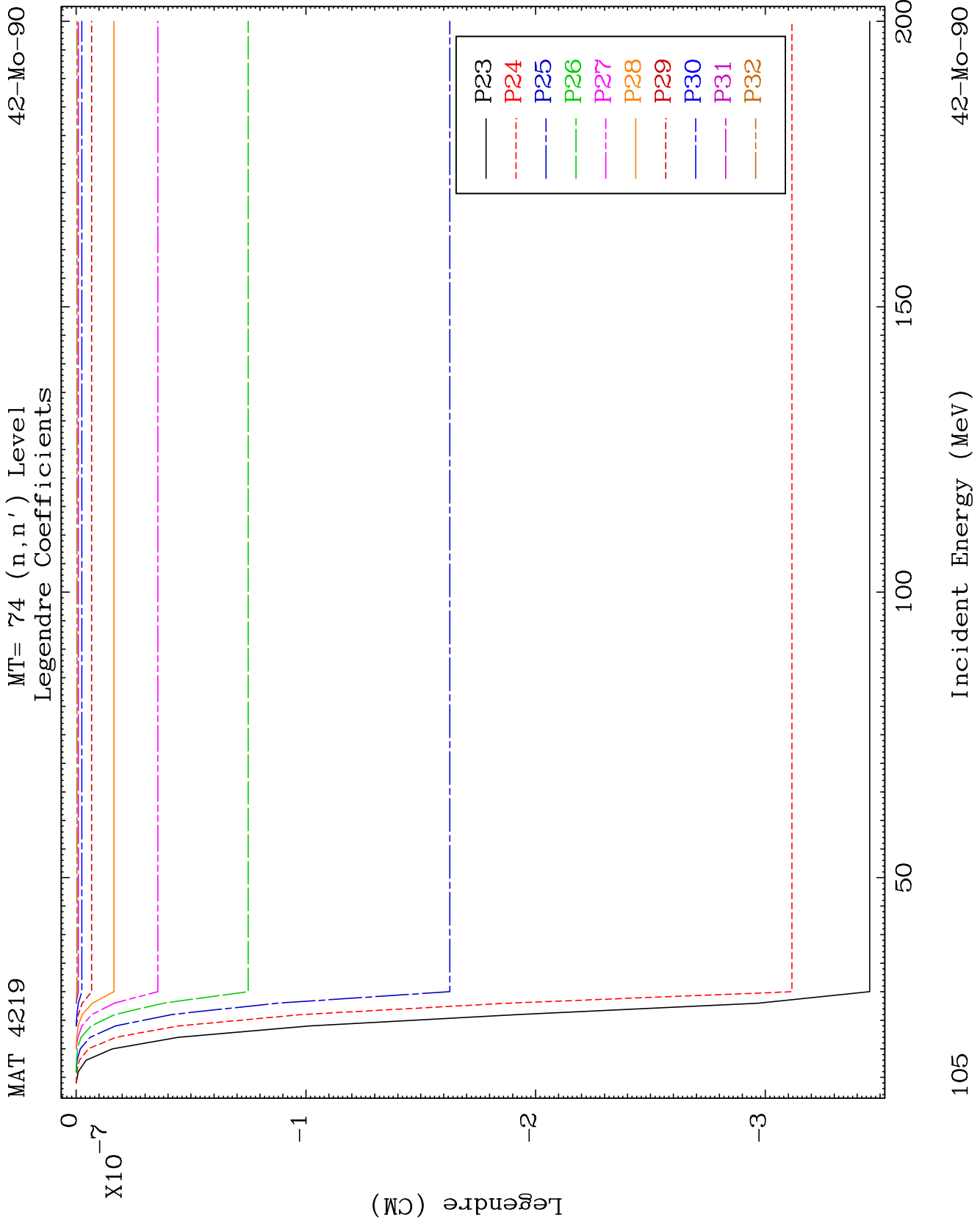
42-Mo-90



104

Incident Energy (MeV)

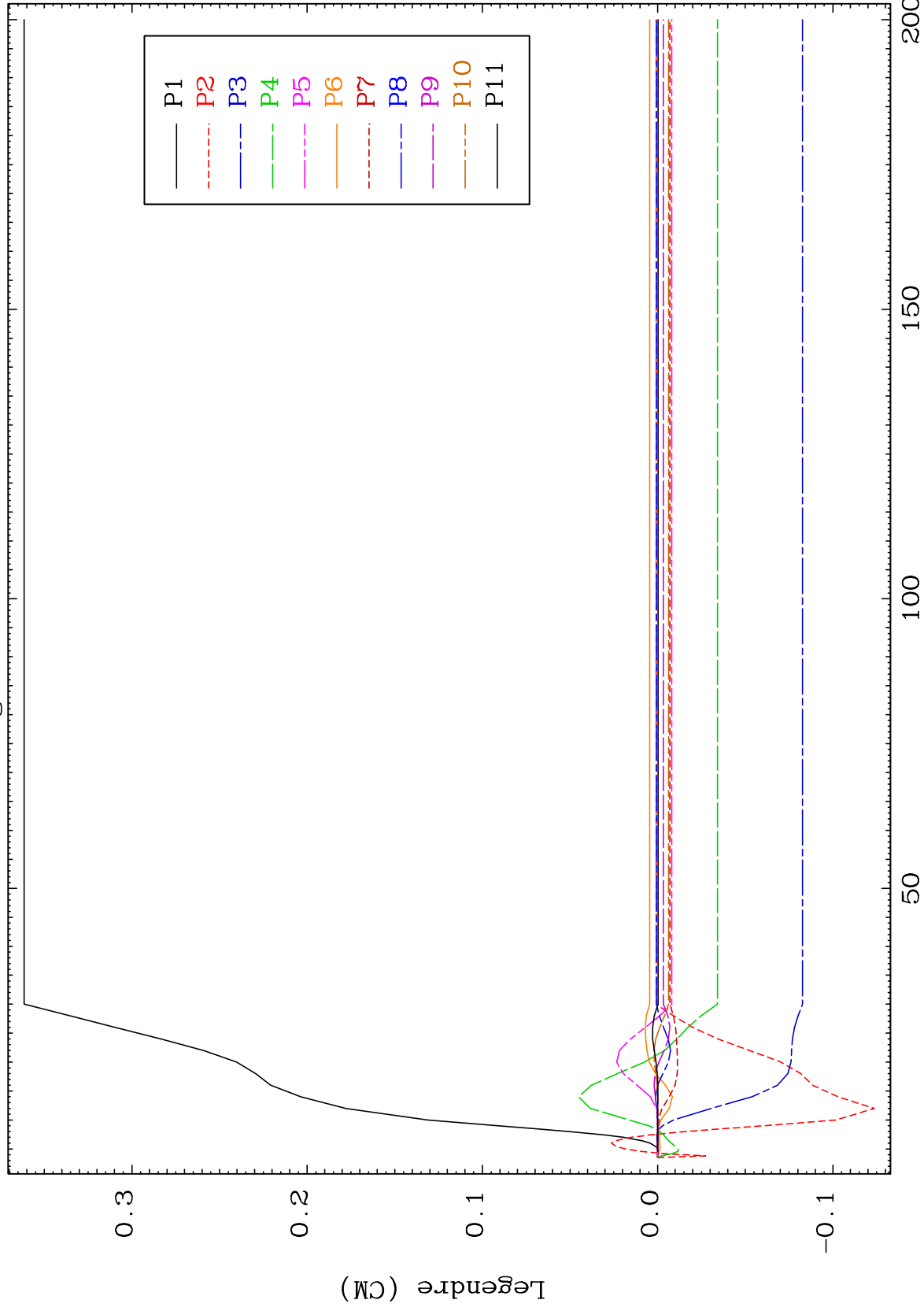
42-Mo-90



MAT 4219

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

42-Mo-90



106

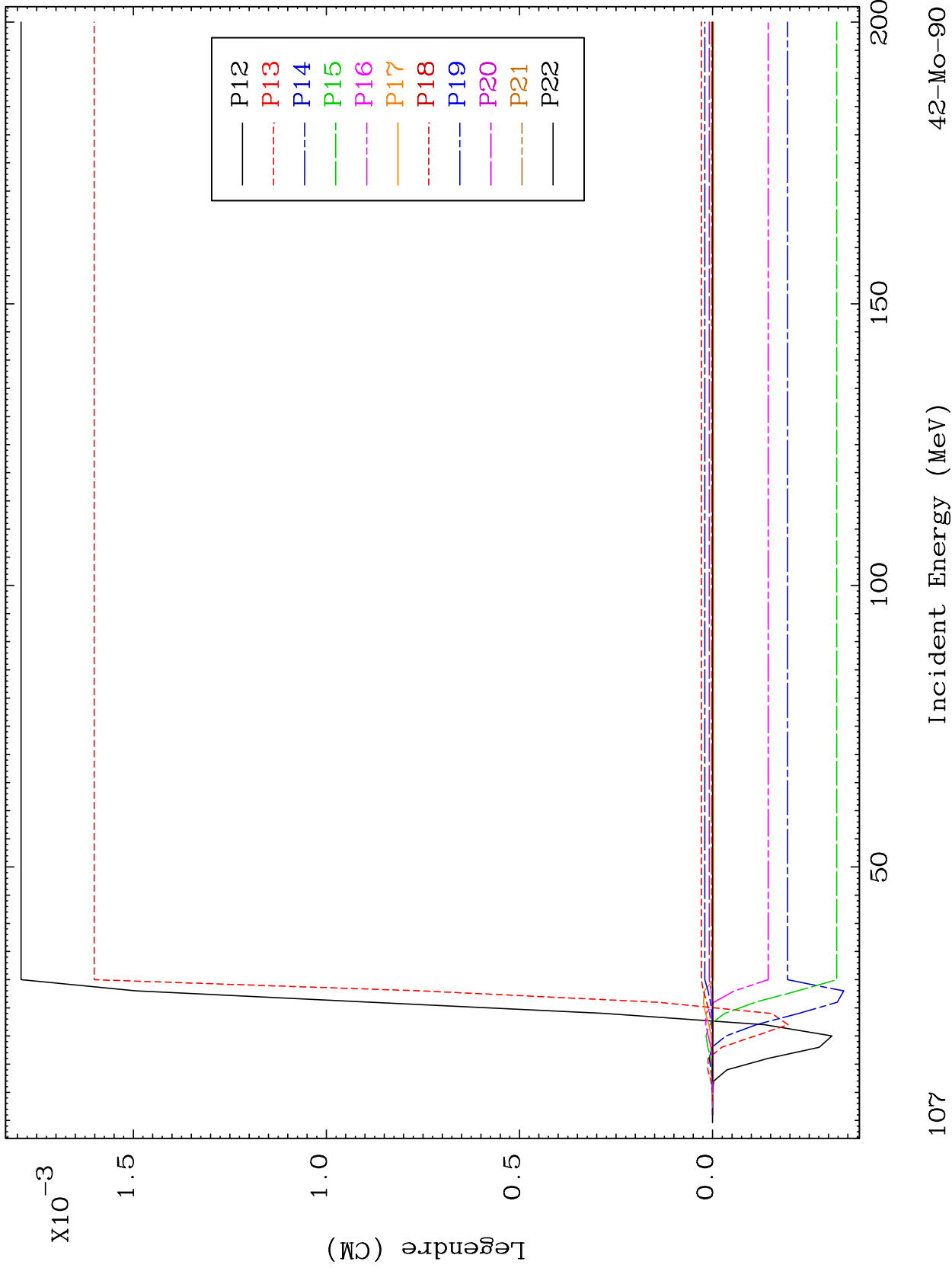
Incident Energy (MeV)

42-Mo-90

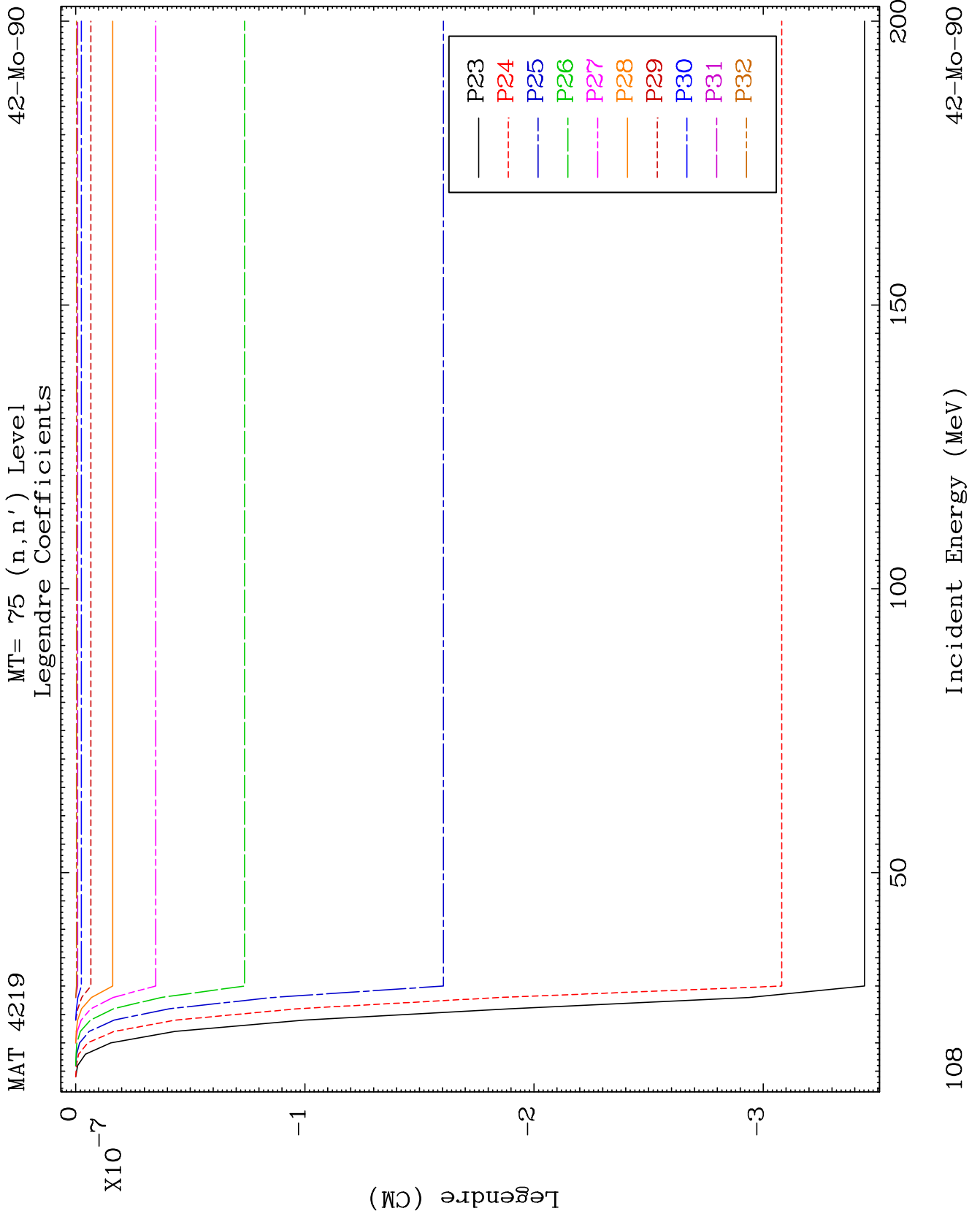
MAT 4219

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

42-Mo-90



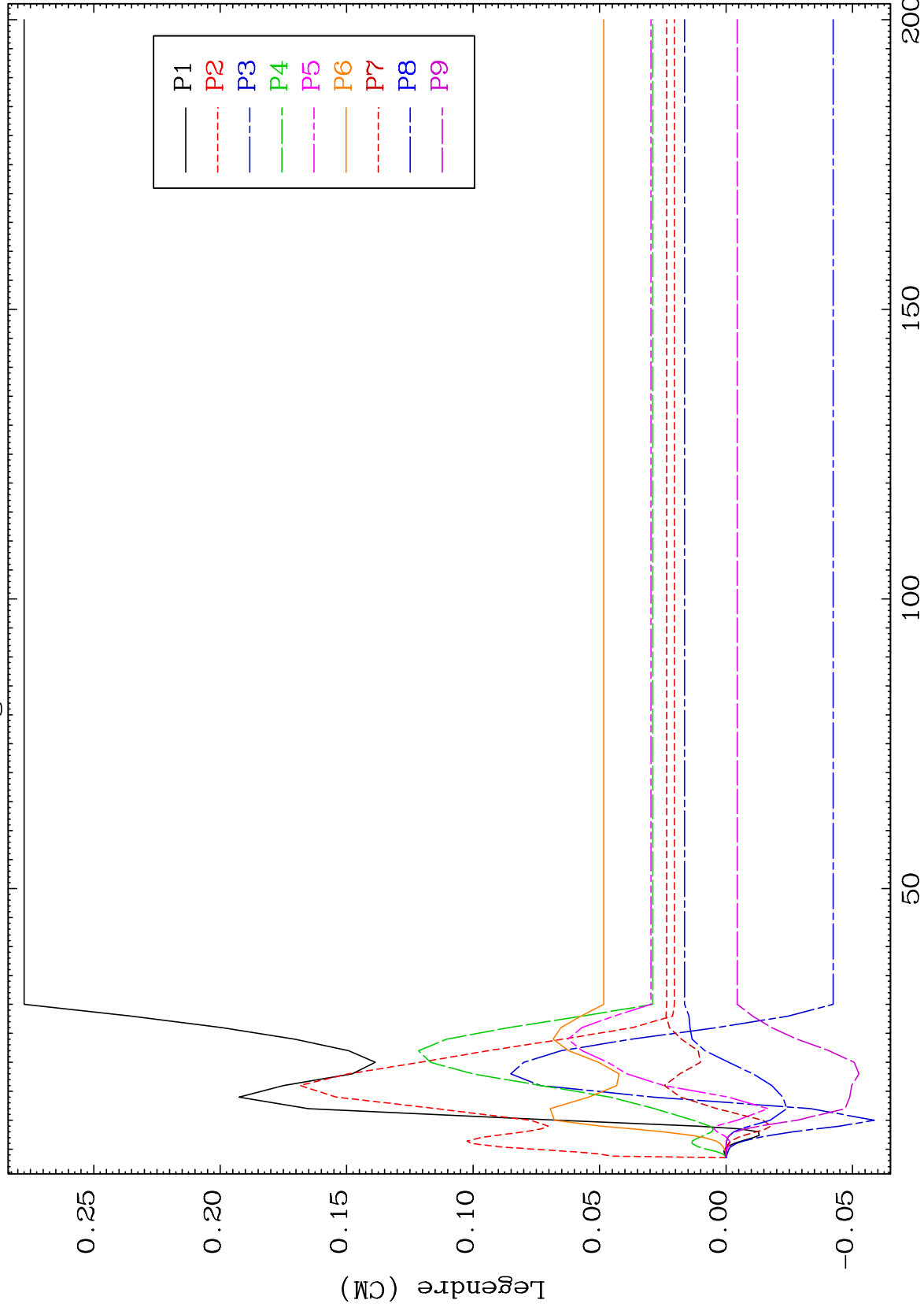
107



MAT 4219

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

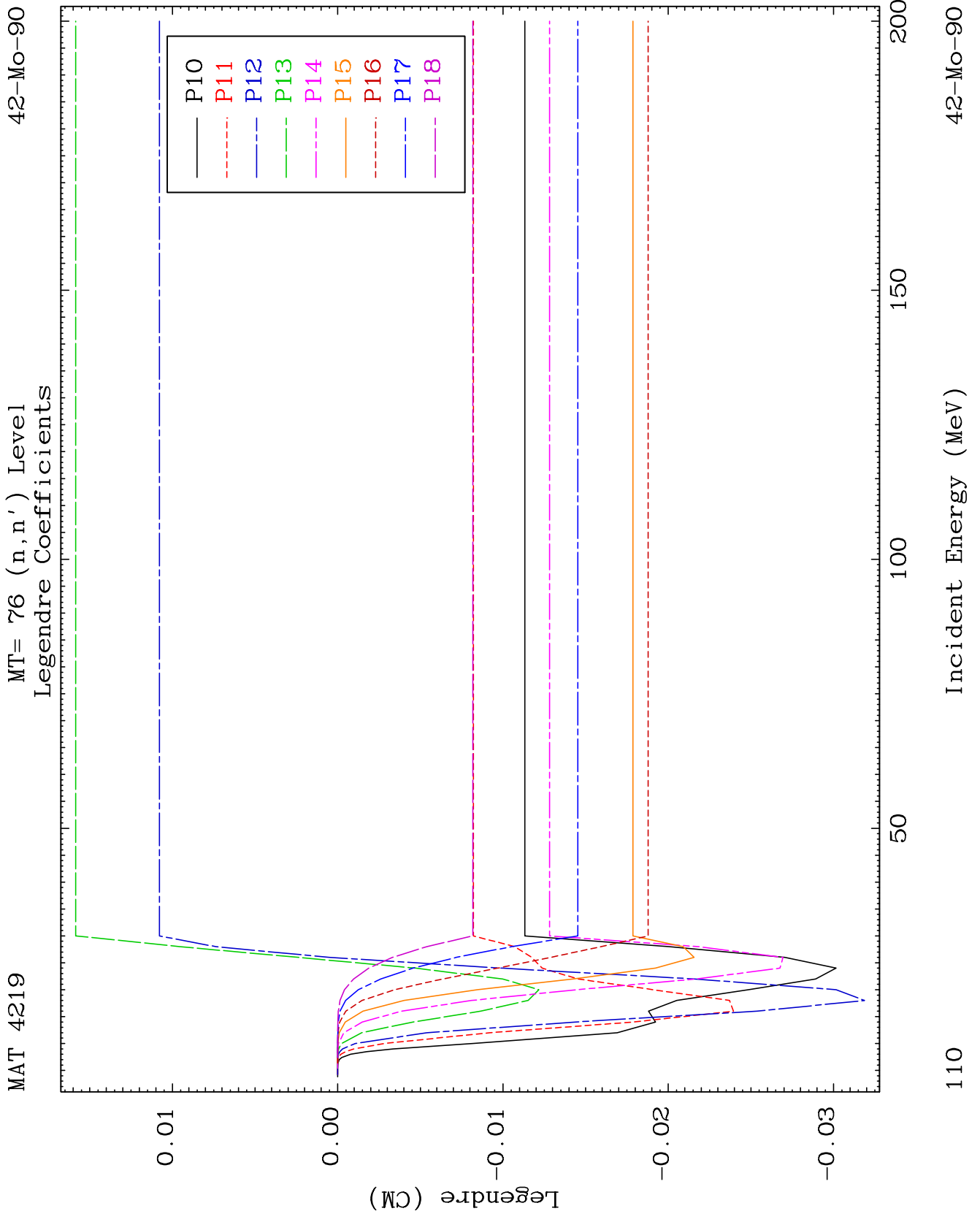
42-Mo-90

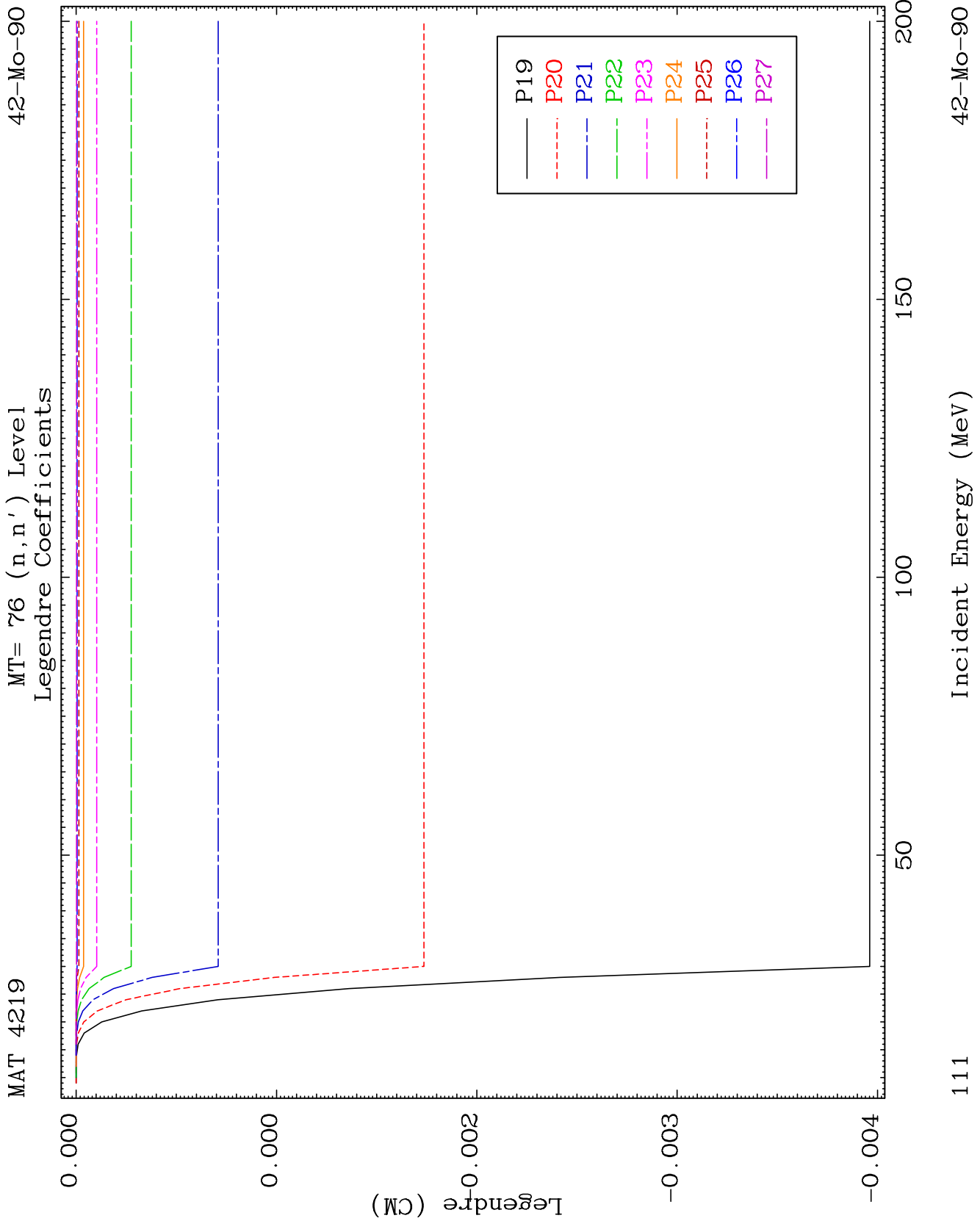


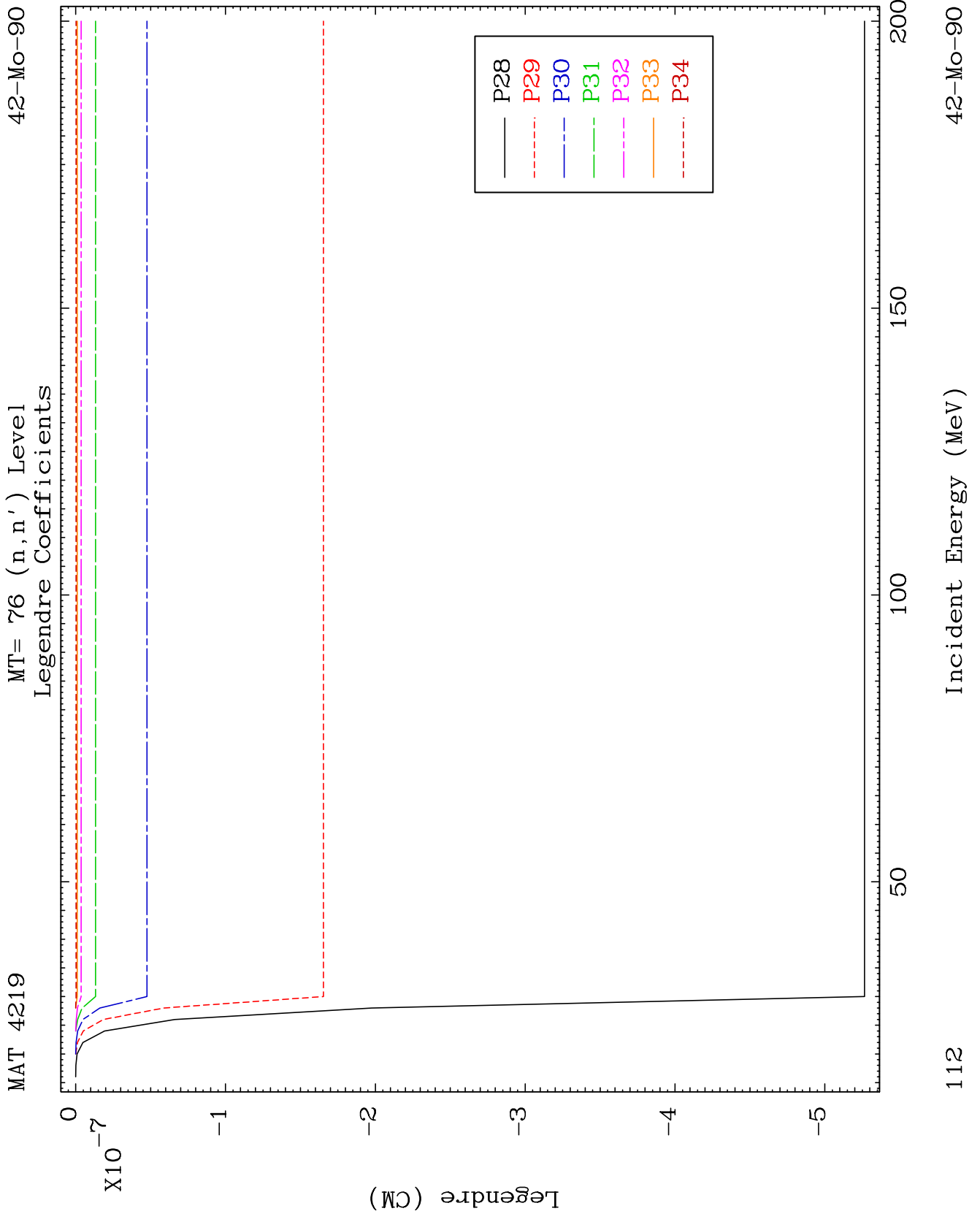
109

Incident Energy (MeV)

42-Mo-90



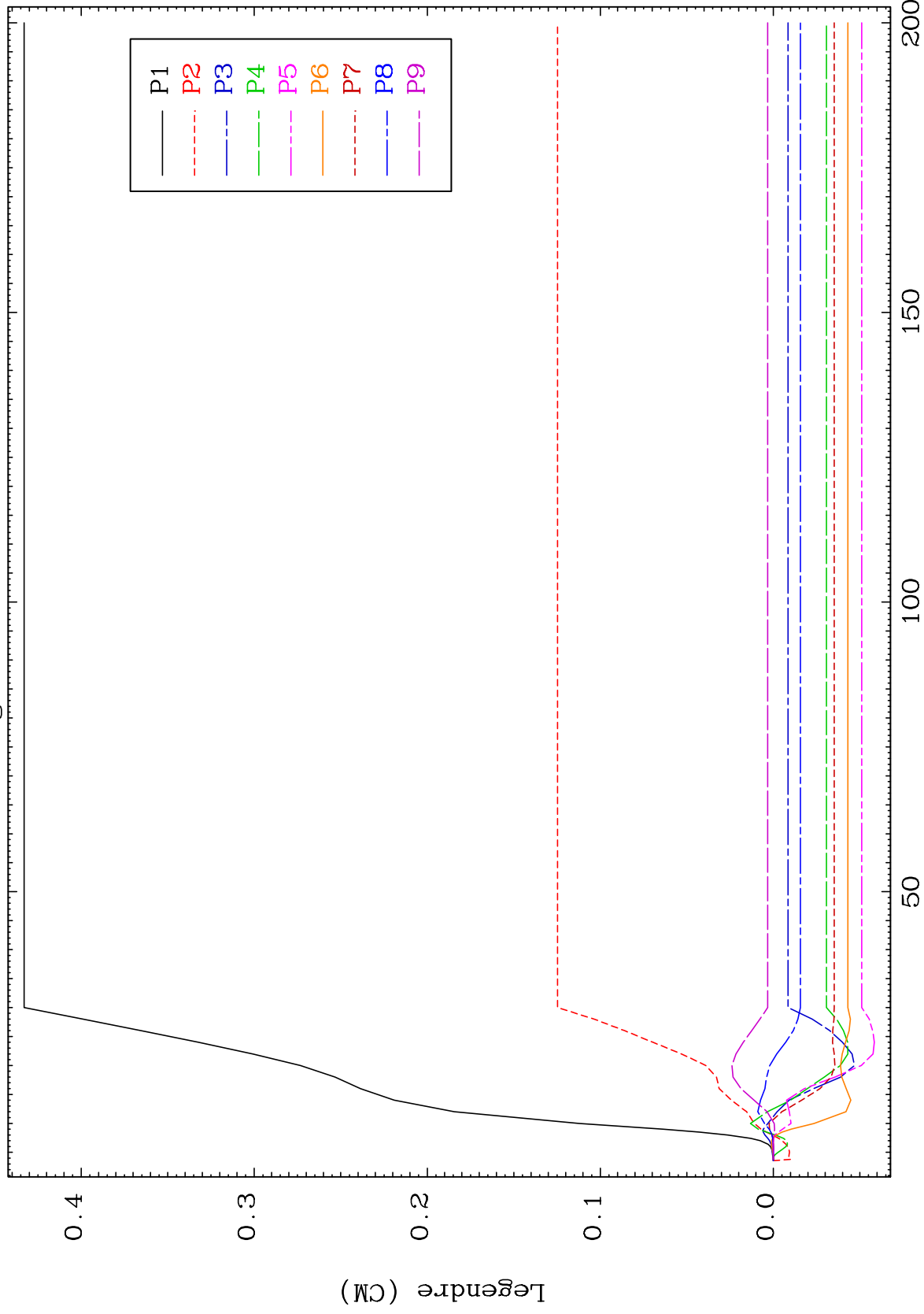




MAT 4219

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

42-Mo-90



113

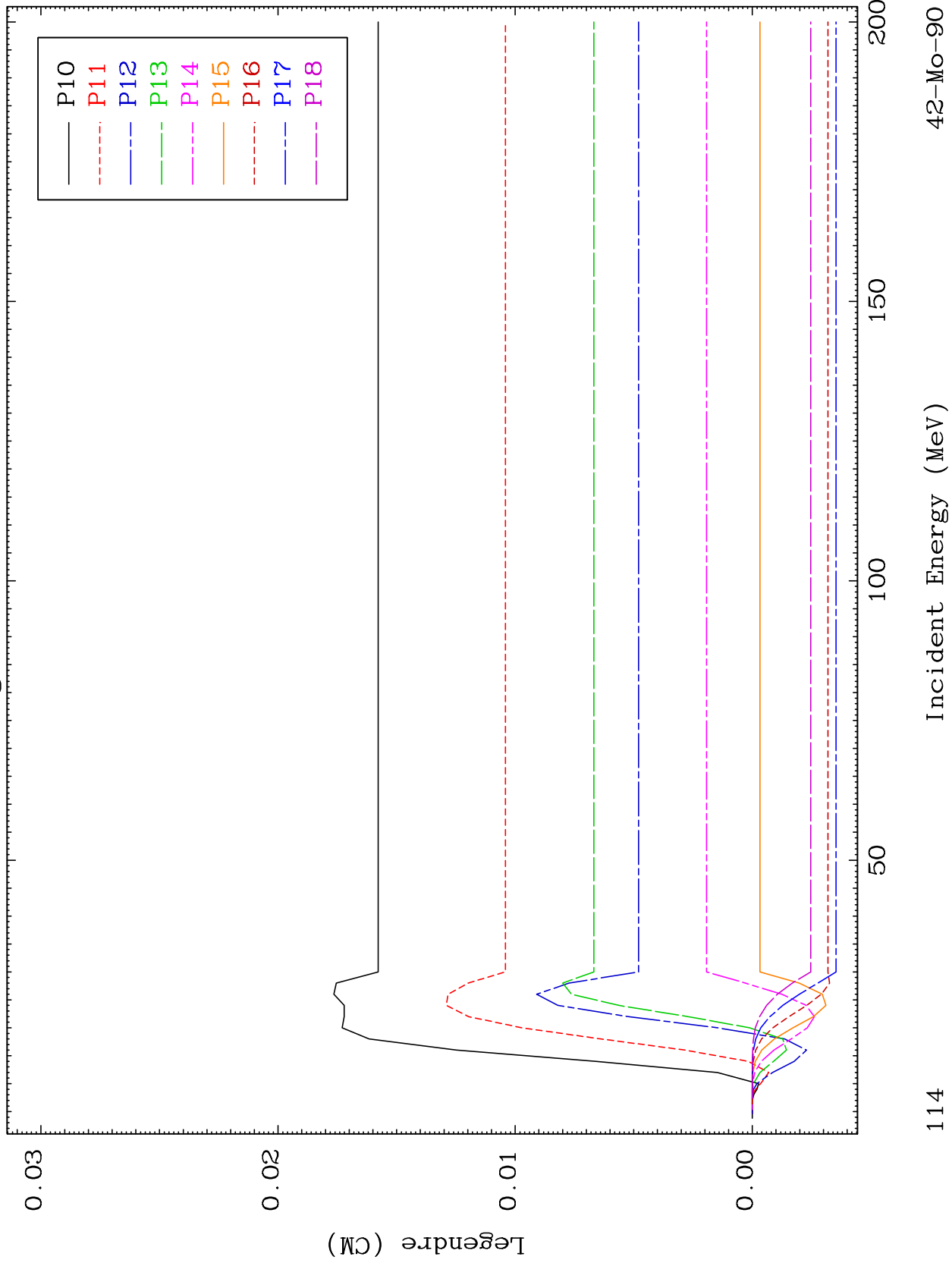
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

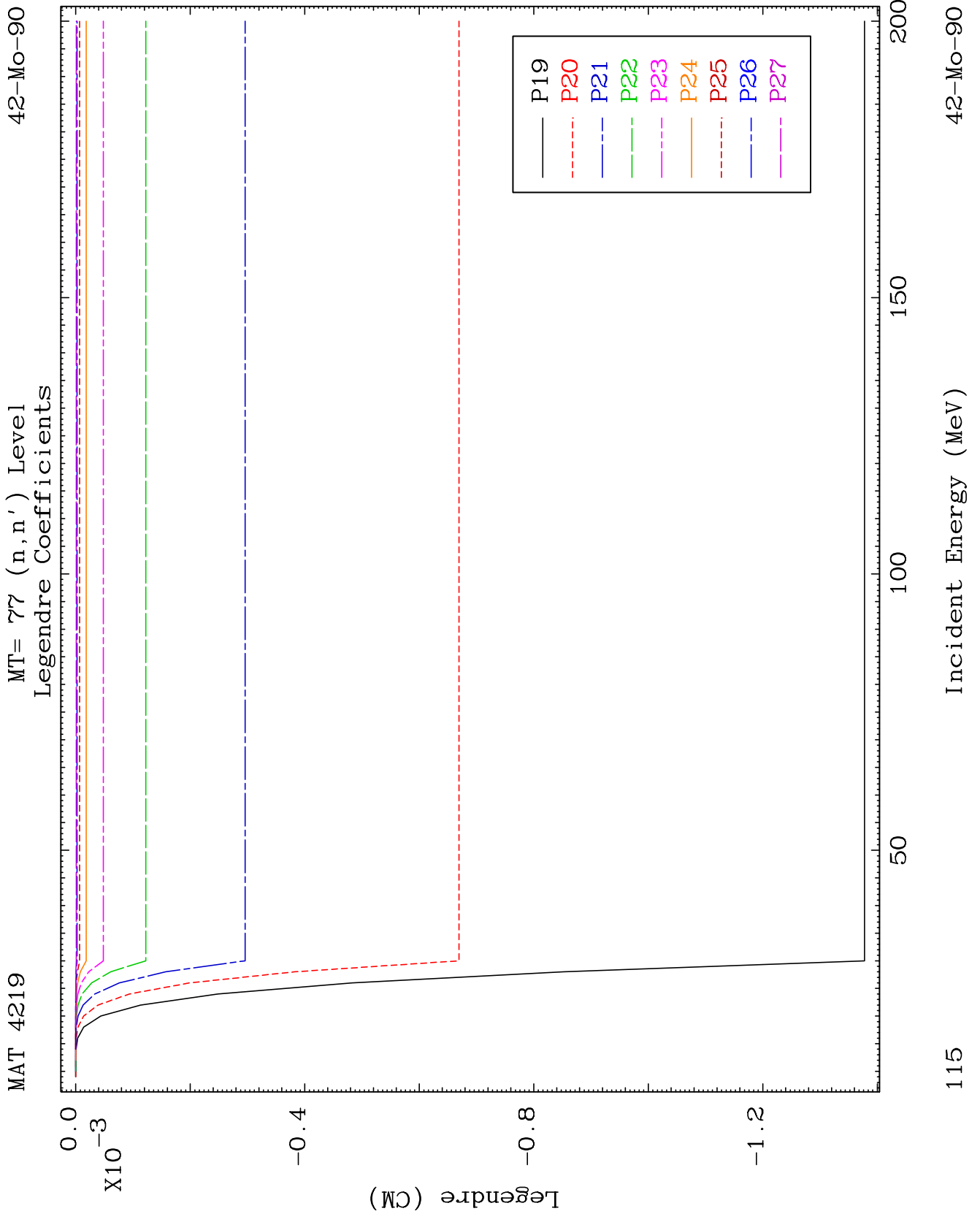
42-Mo-90

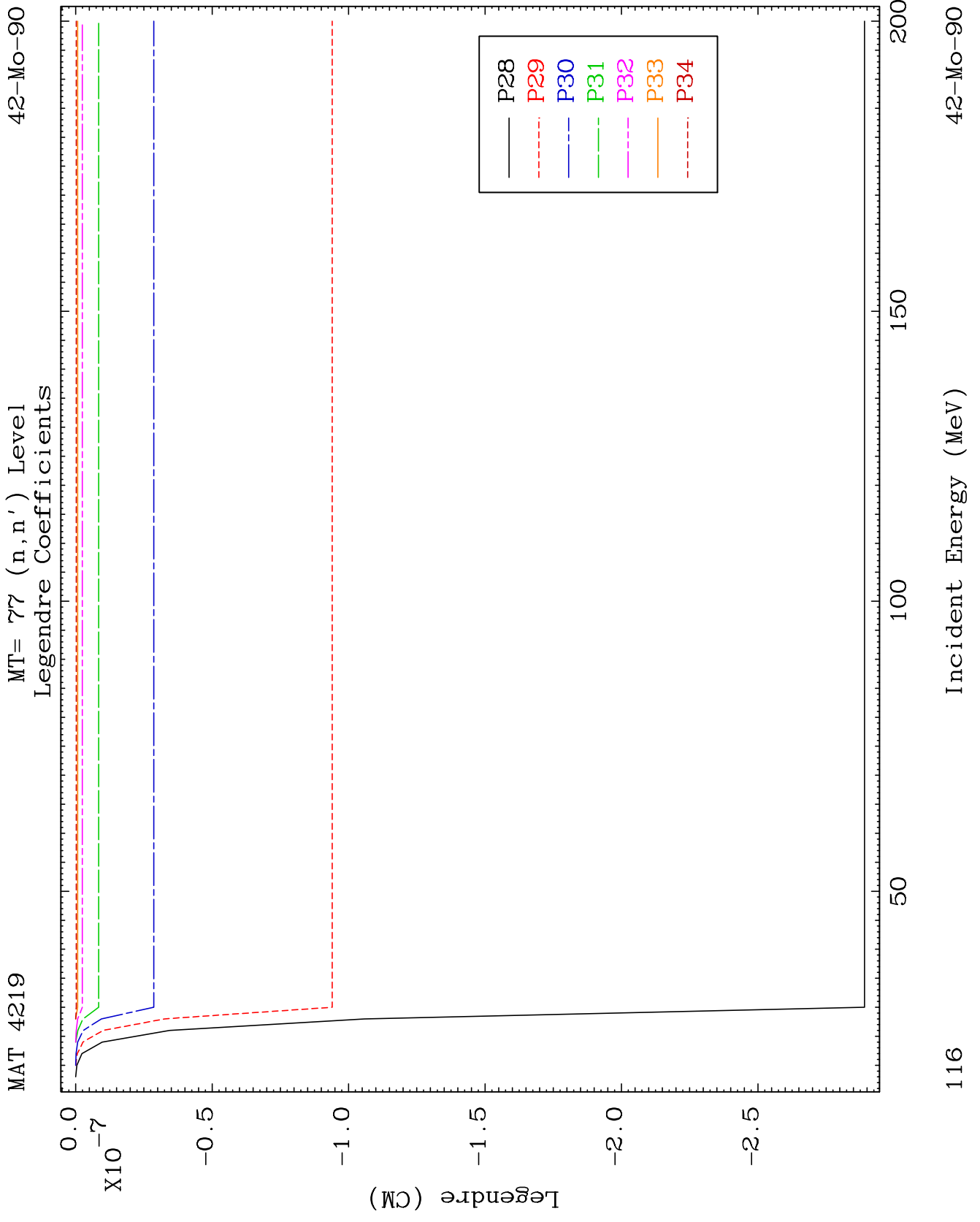


114

Incident Energy (MeV)

42-Mo-90

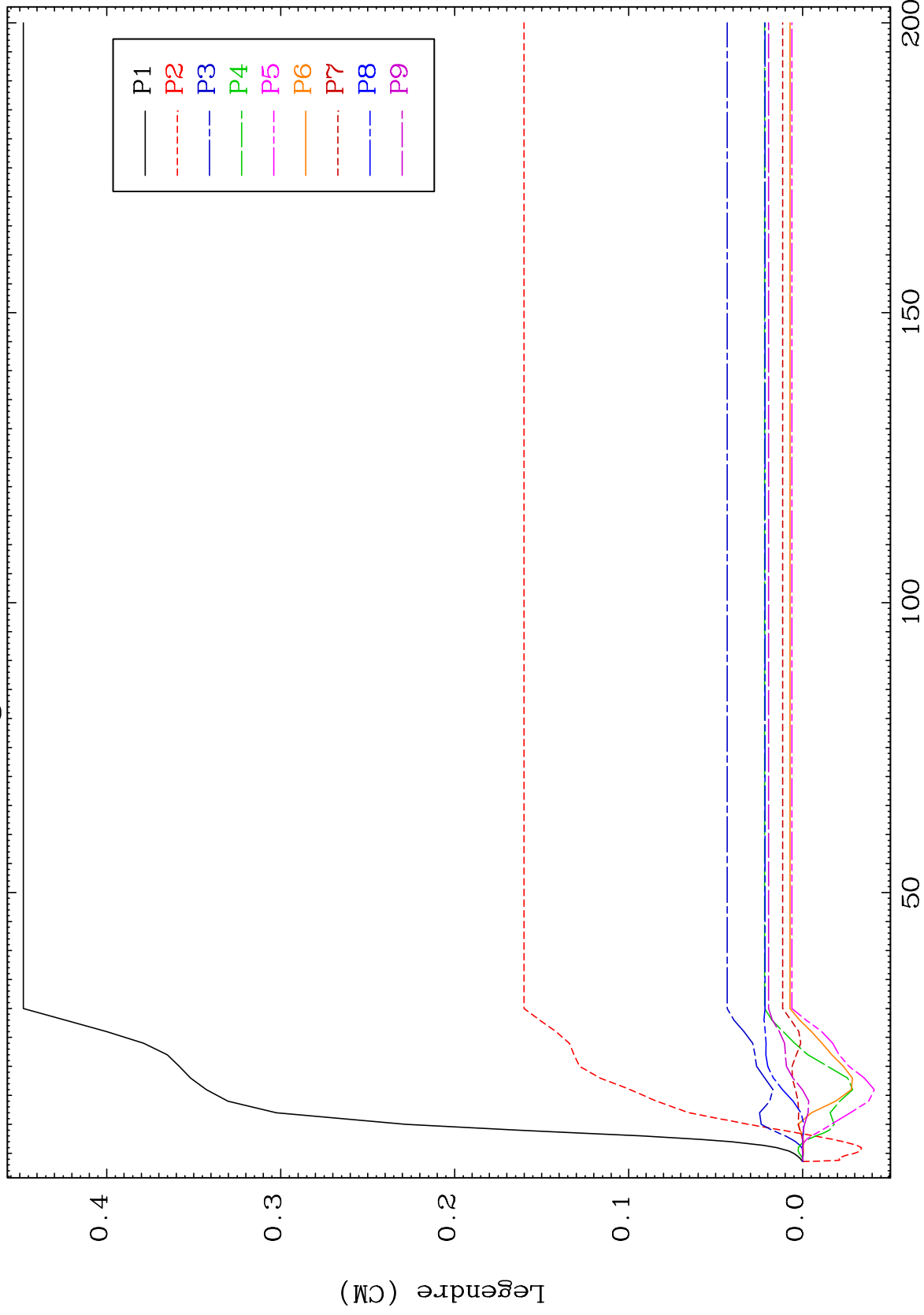




MAT 4219

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

42-Mo-90



117

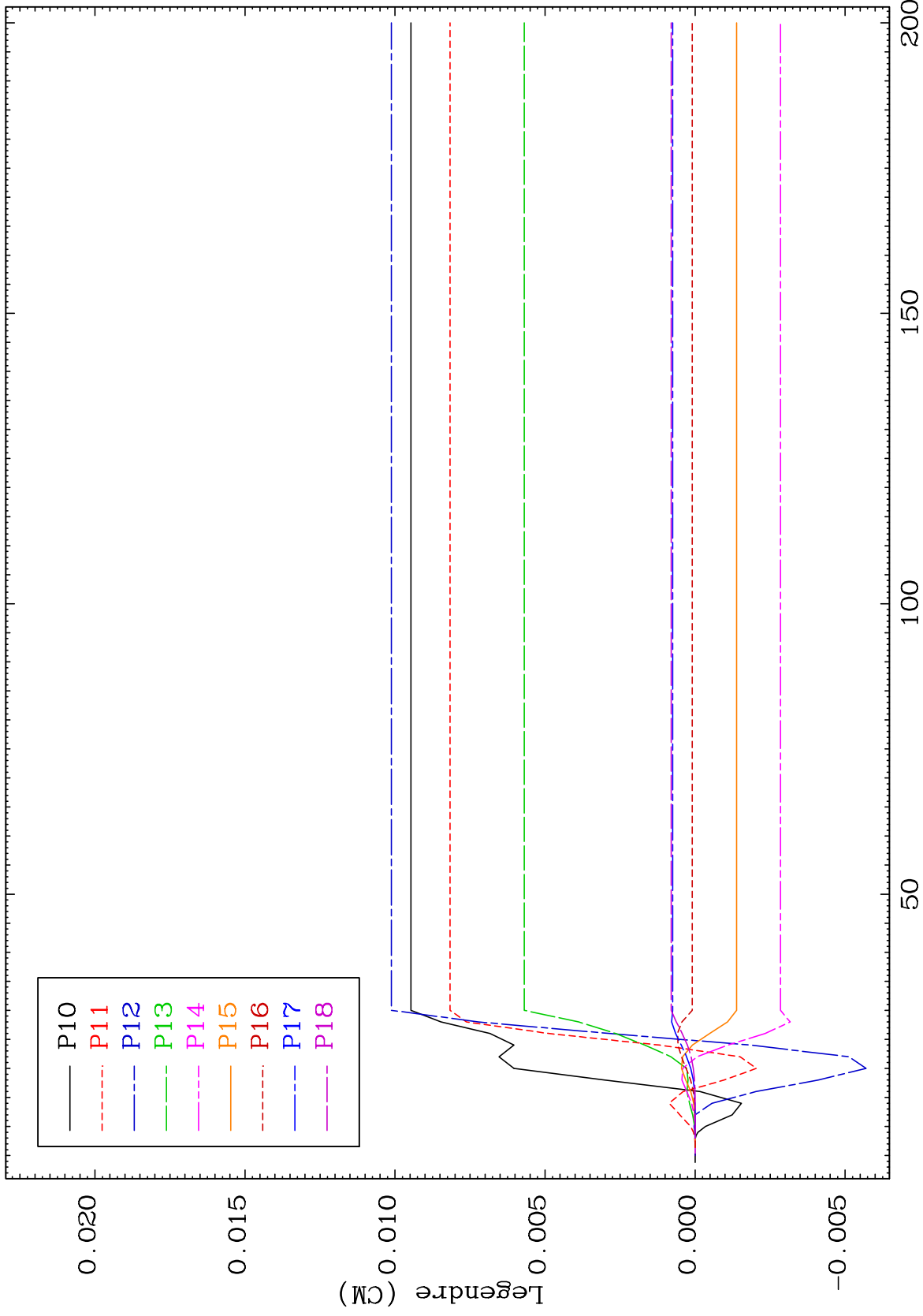
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

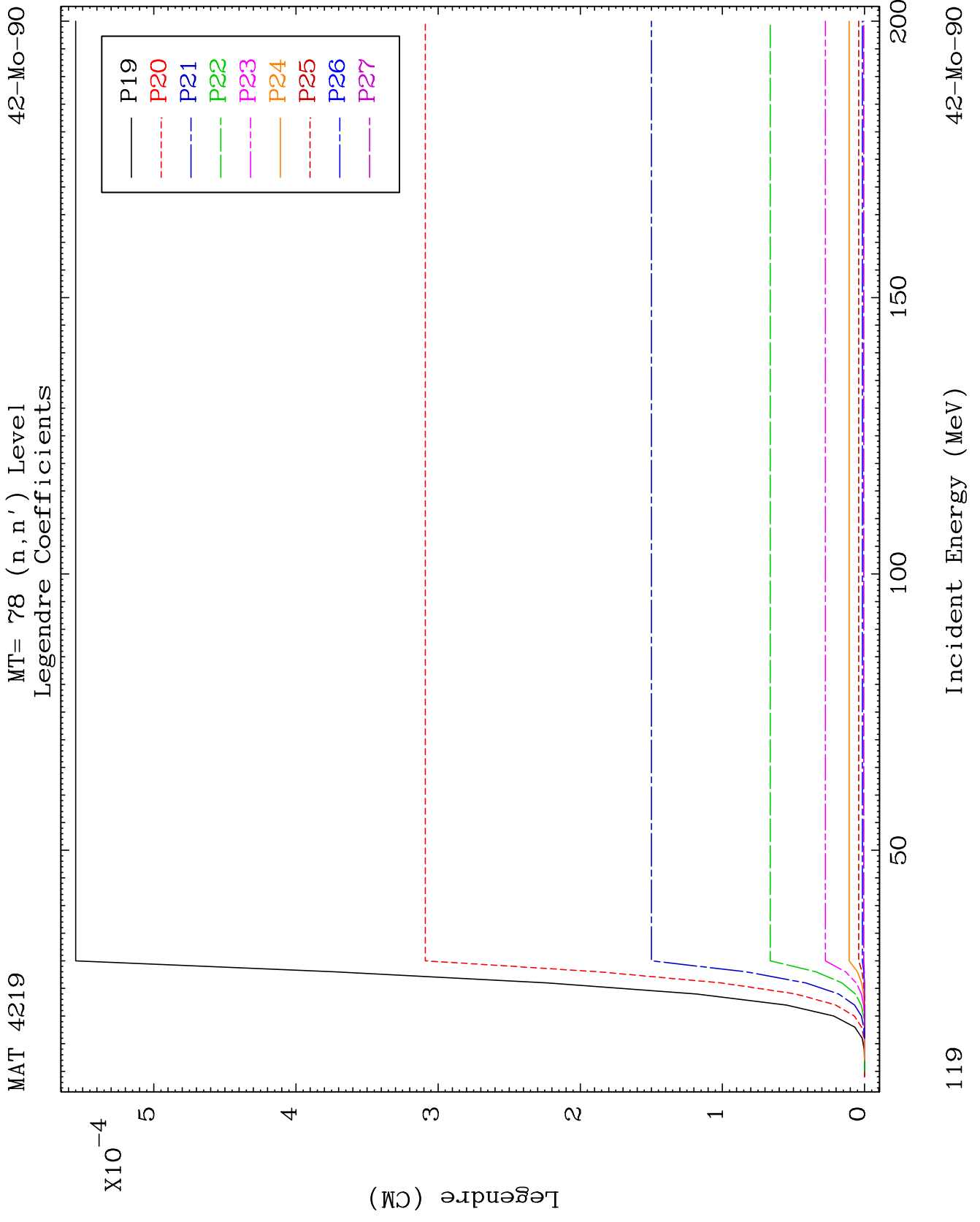
42-Mo-90

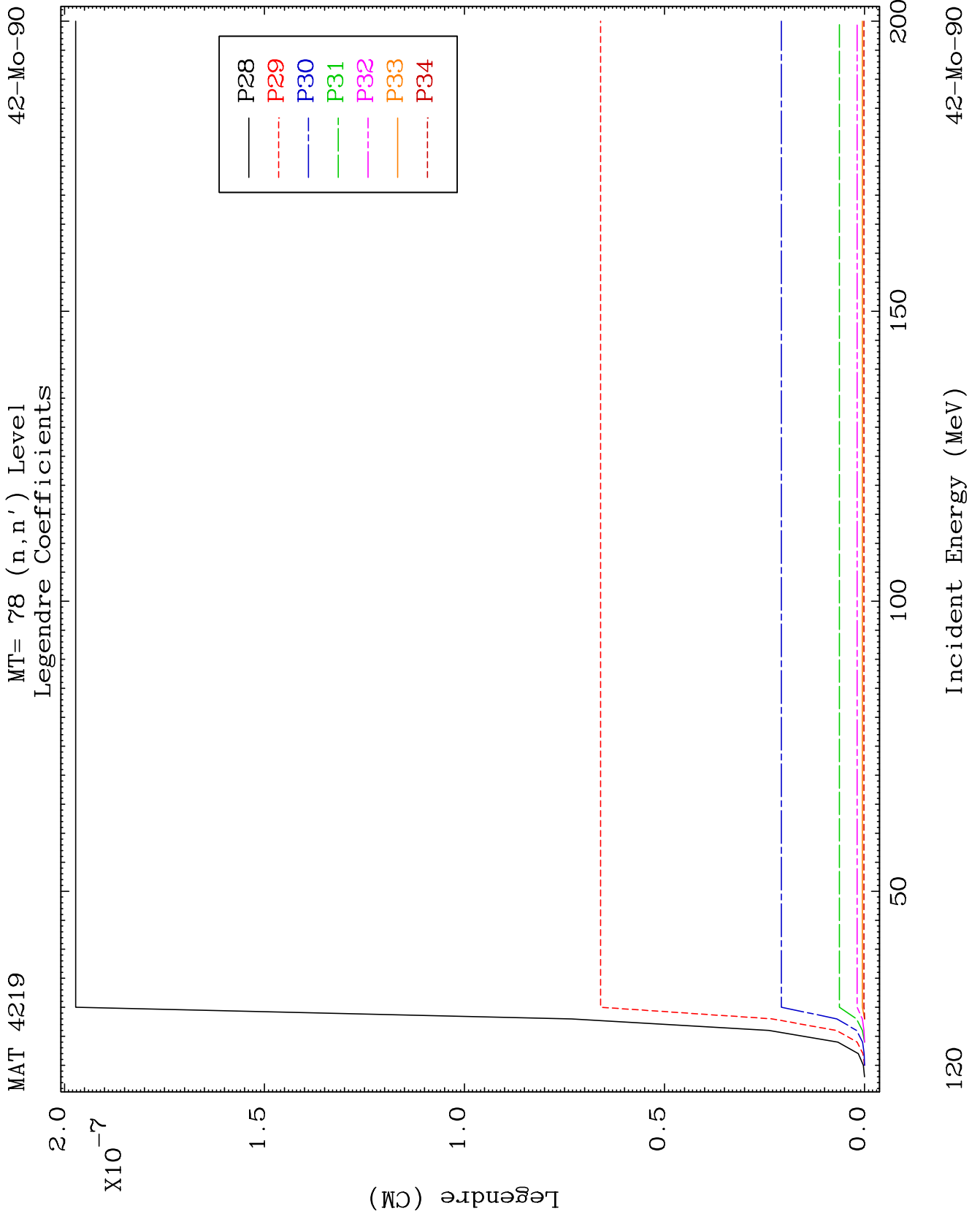


118

Incident Energy (MeV)

42-Mo-90

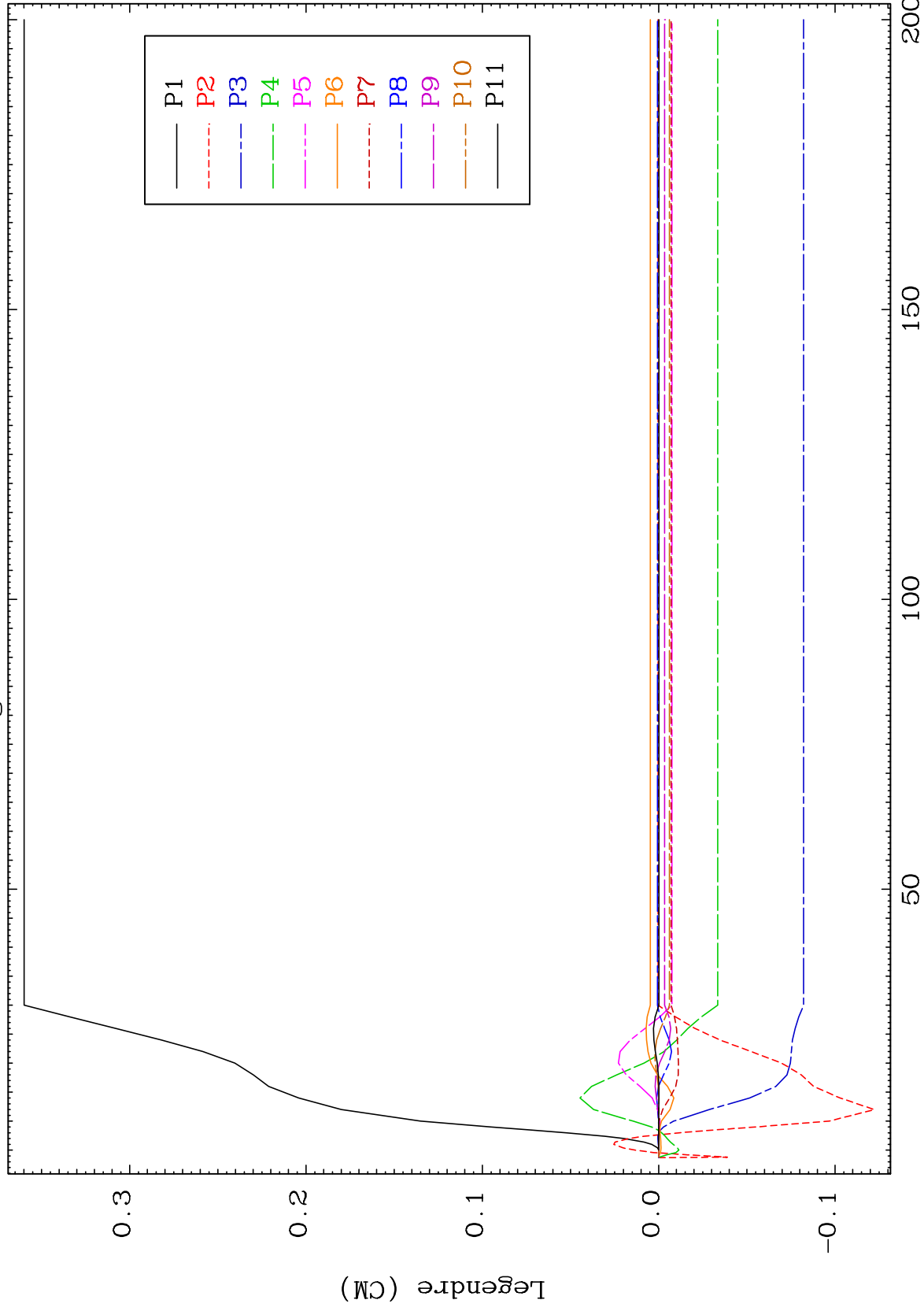




MAT 4219

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

42-Mo-90



121

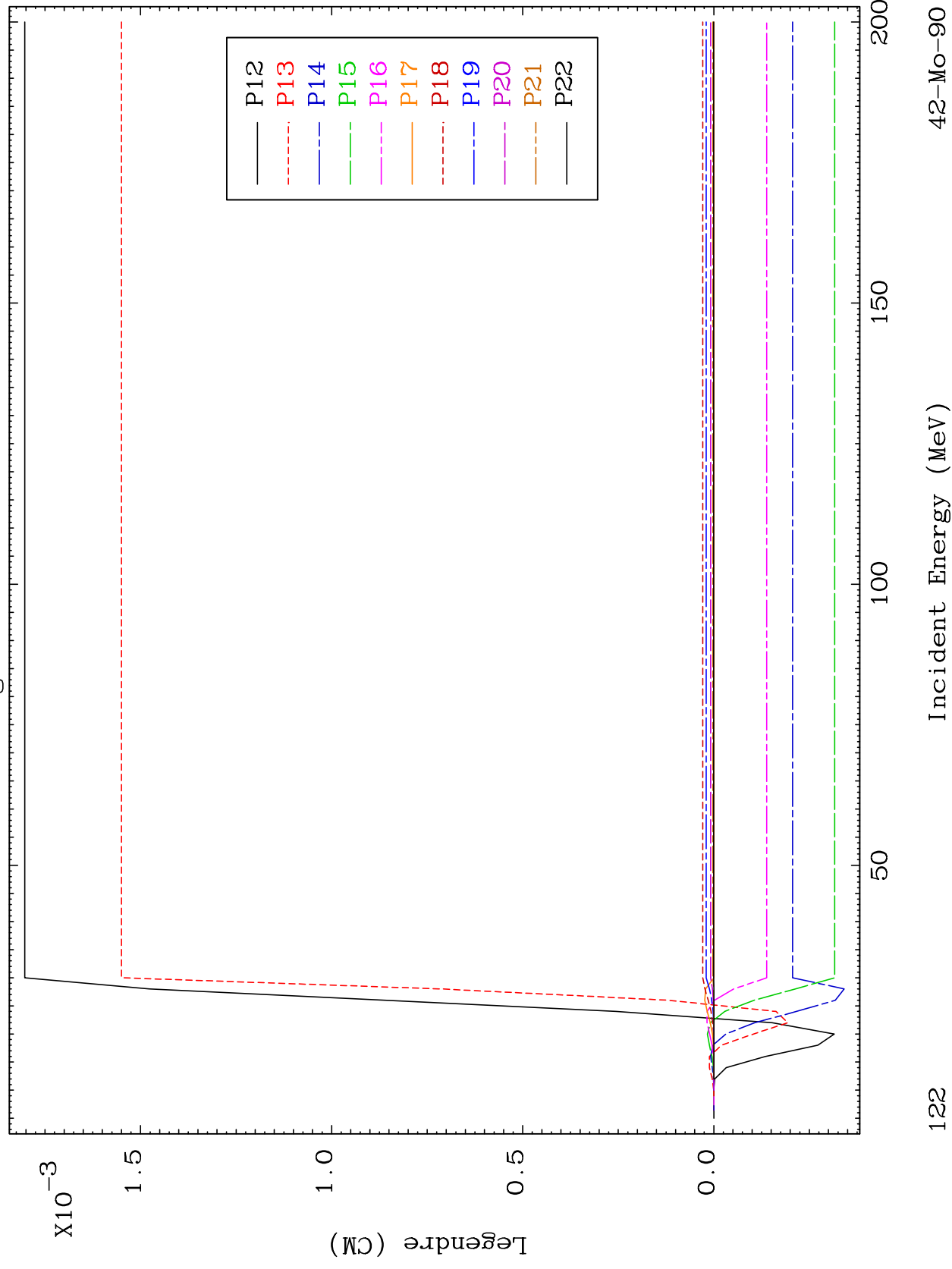
Incident Energy (MeV)

42-Mo-90

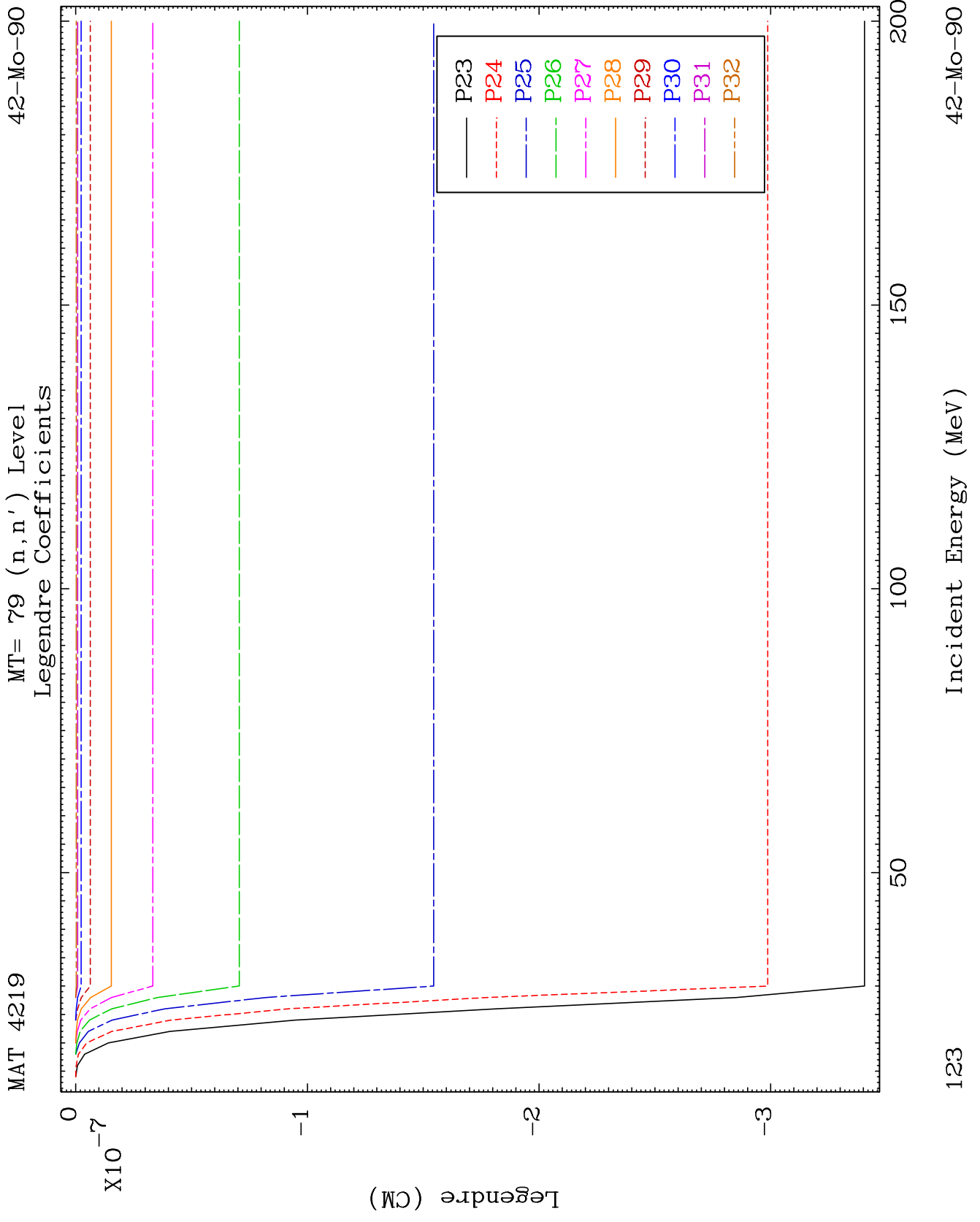
MAT 4219

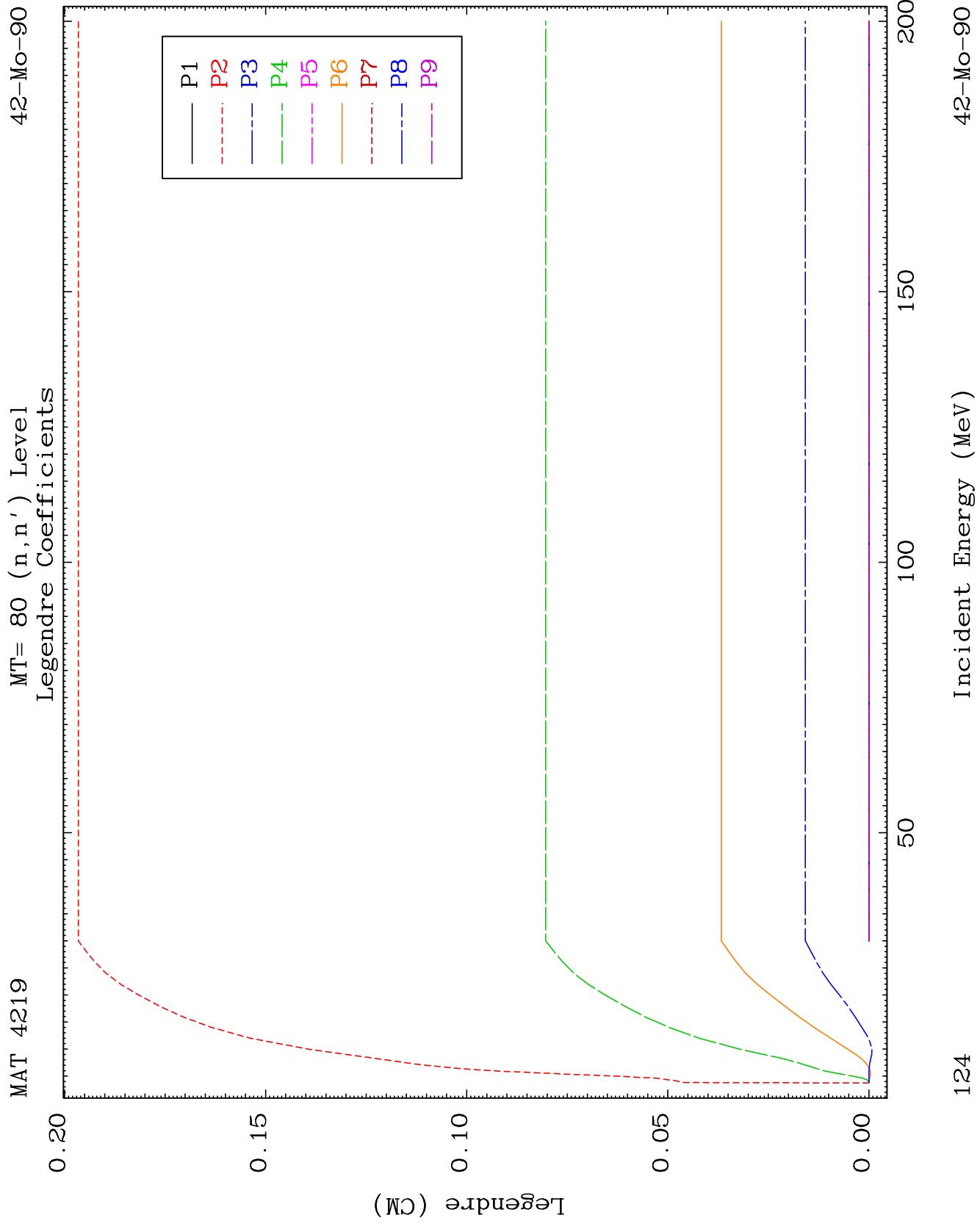
MT= 79 (n,n') Level
Legendre Coefficients

42-Mo-90



122

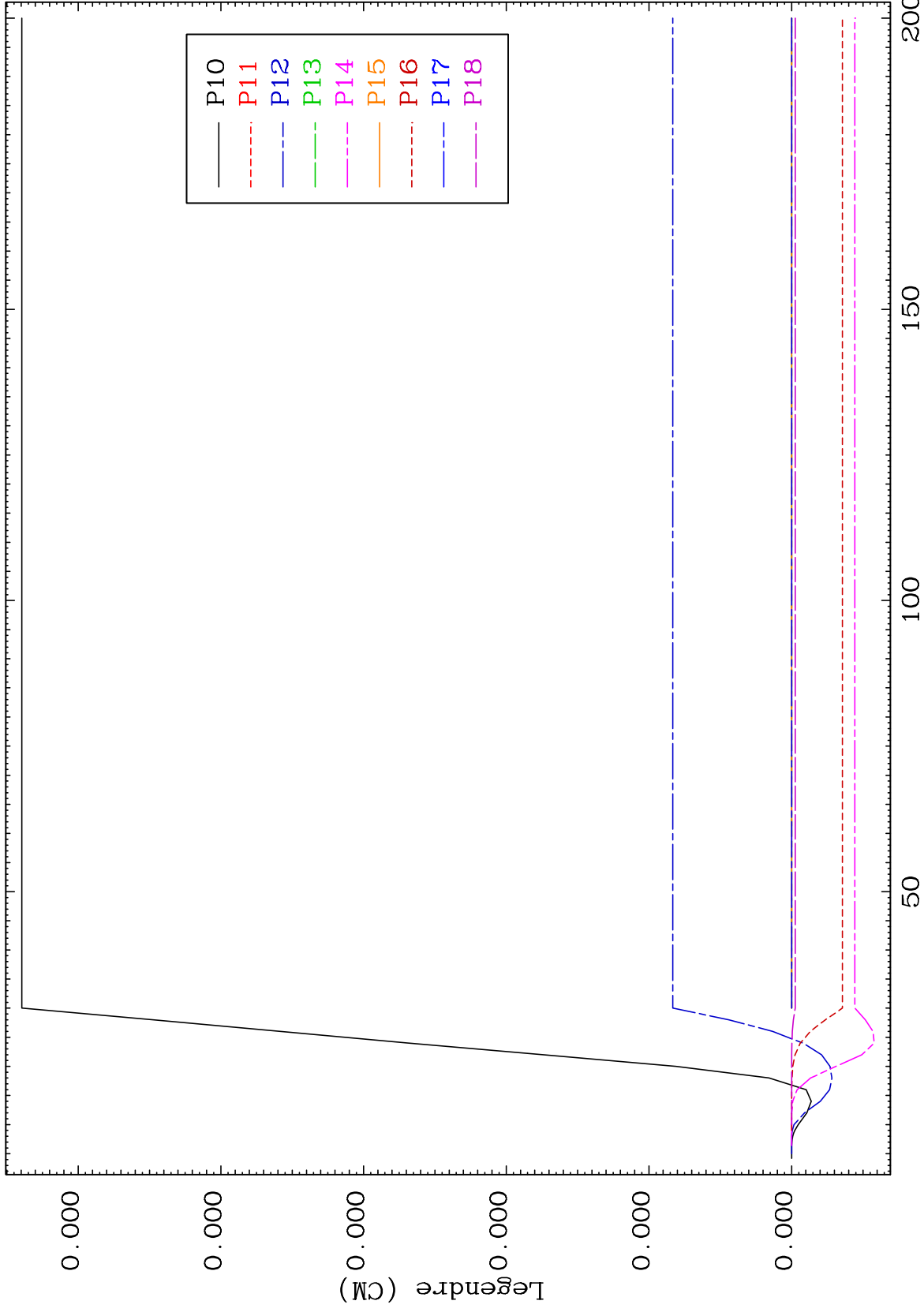




MAT 4219

MT= 80 (n,n') Level
Legendre Coefficients

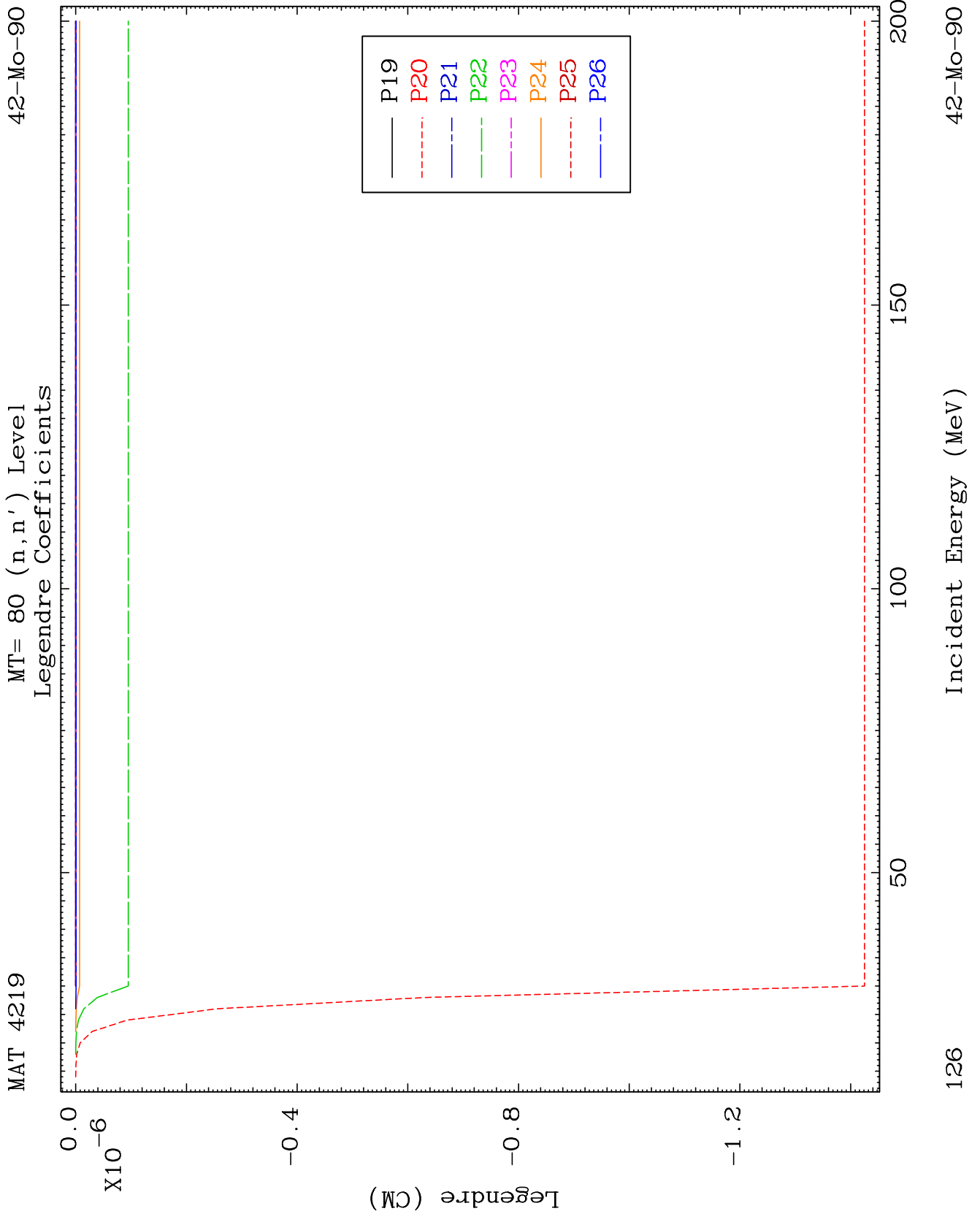
42-Mo-90



125

Incident Energy (MeV)

42-Mo-90

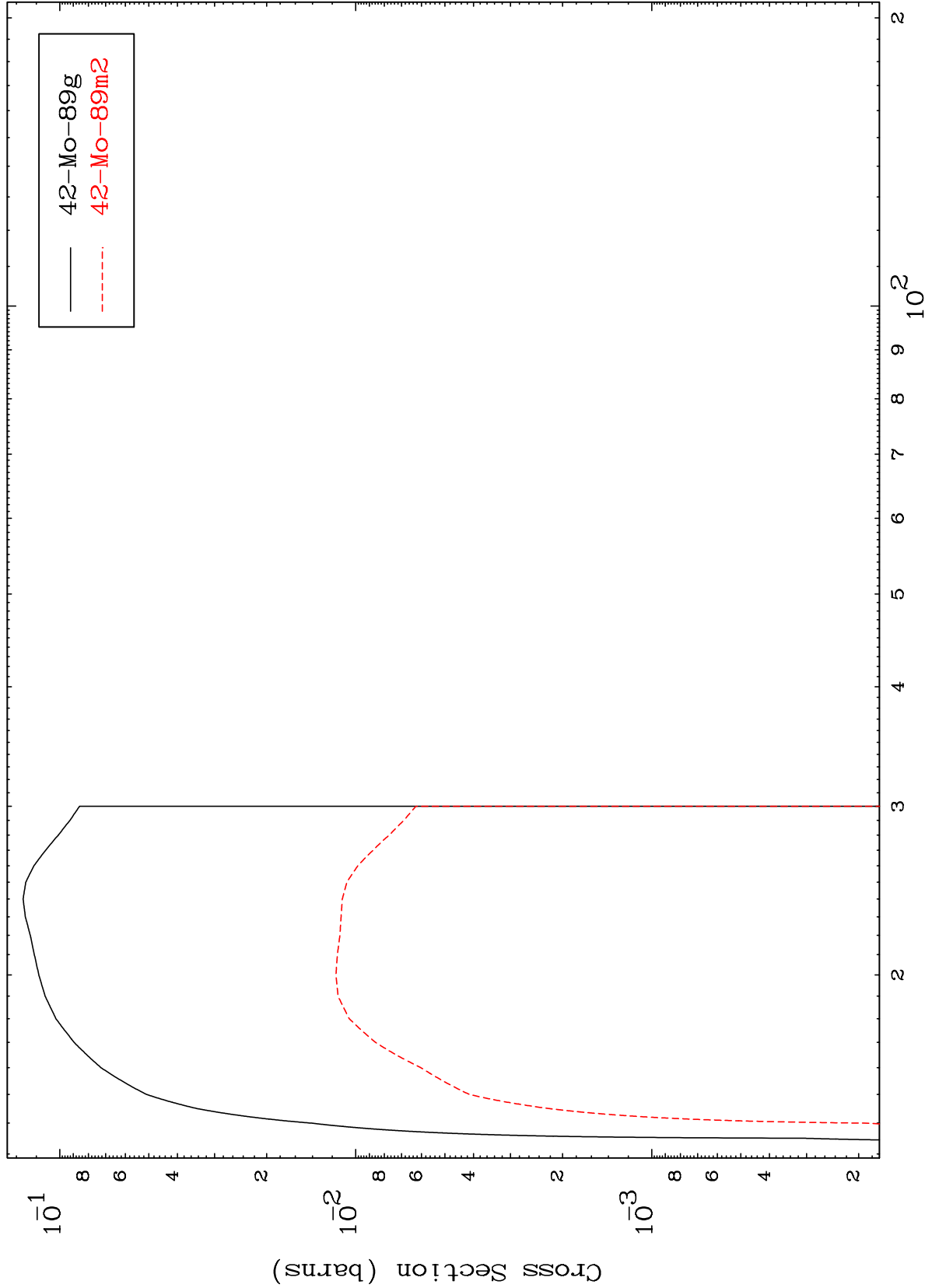


MAT 4219

(n,2n)

42-Mo-90

Radionuclide Production Cross Section



127

Incident Energy (MeV)

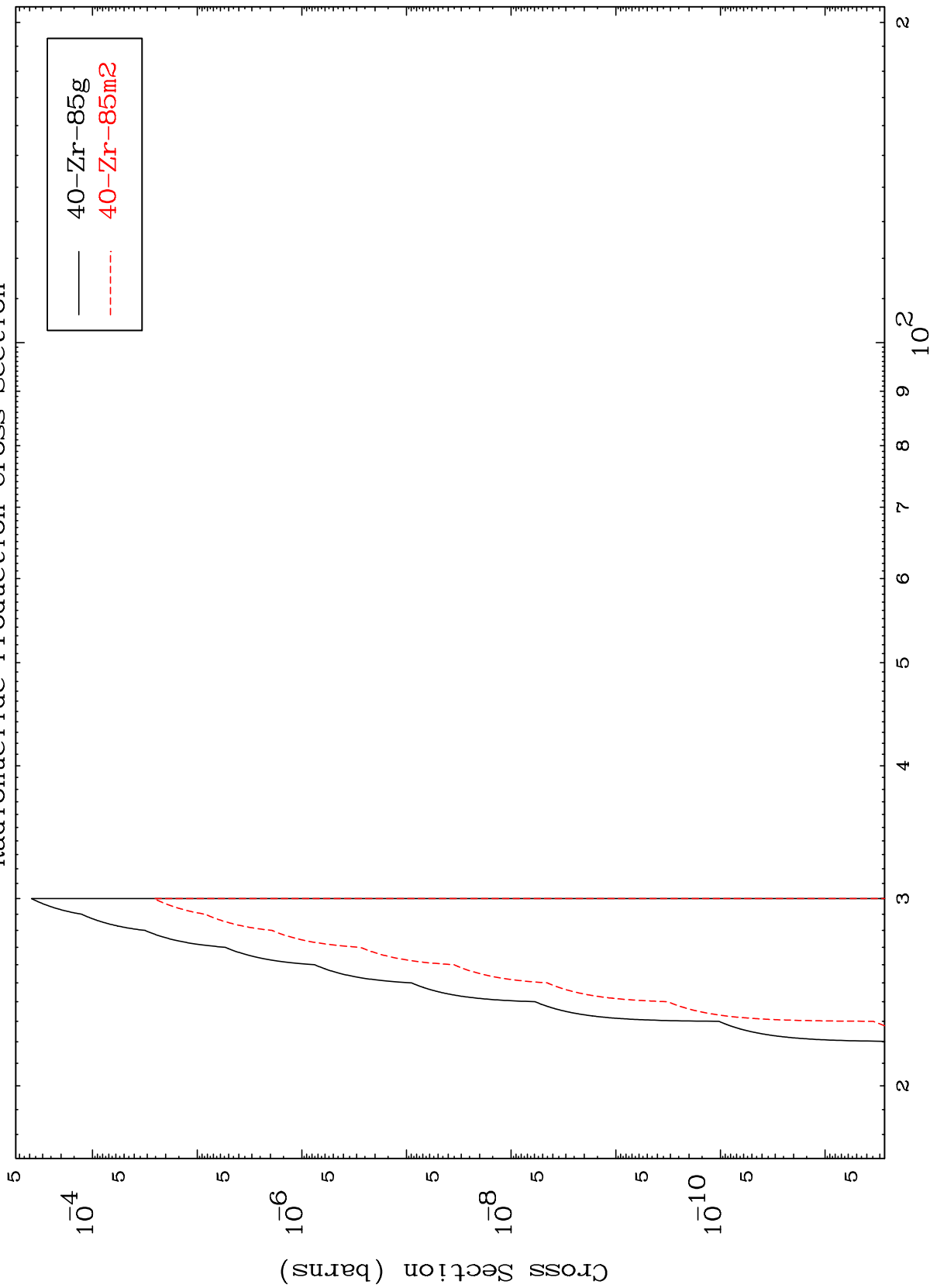
42-Mo-90

MAT 4219

(n,2n) α

42-Mo-90

Radionuclide Production Cross Section



128

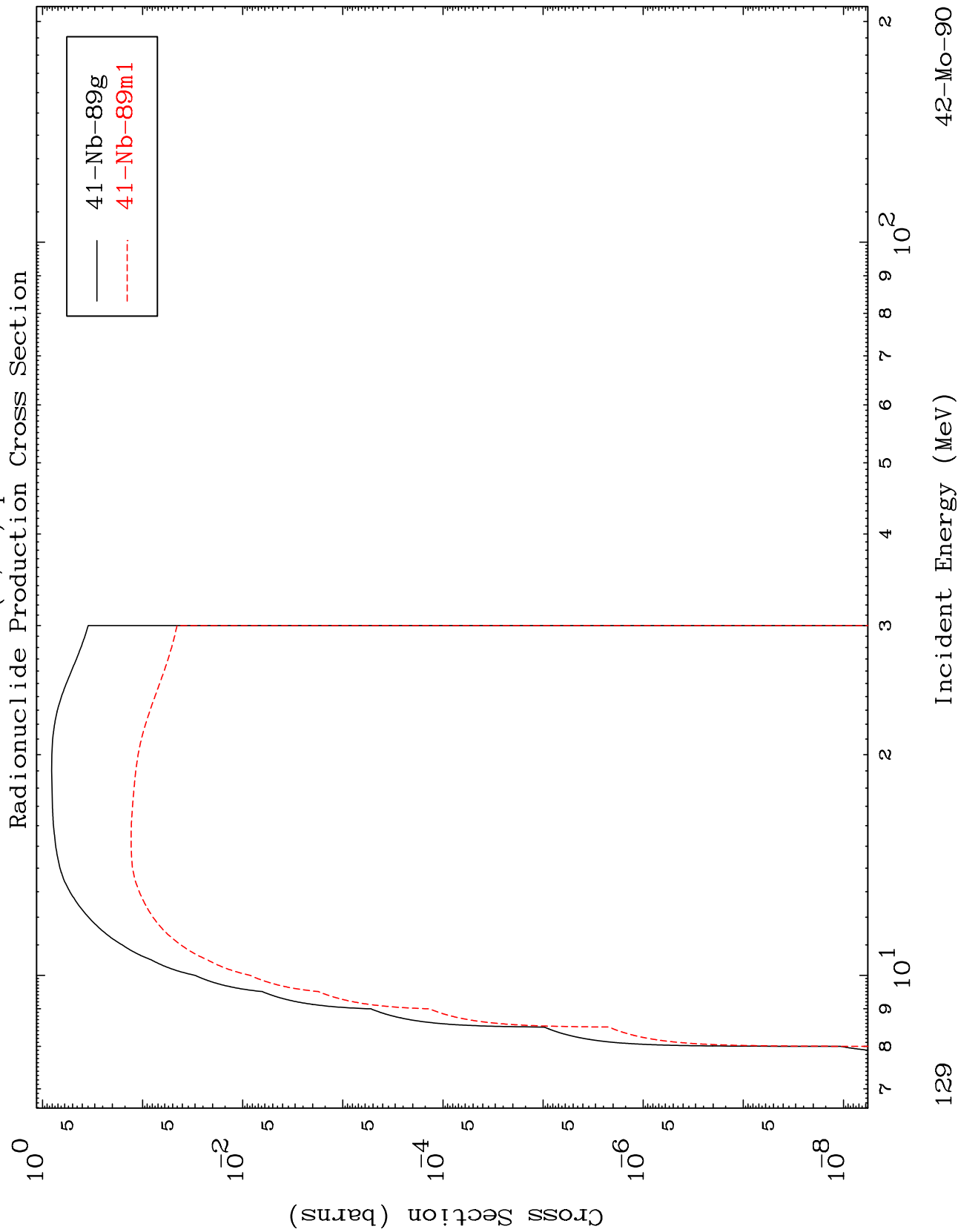
Incident Energy (MeV)

42-Mo-90

MAT 4219

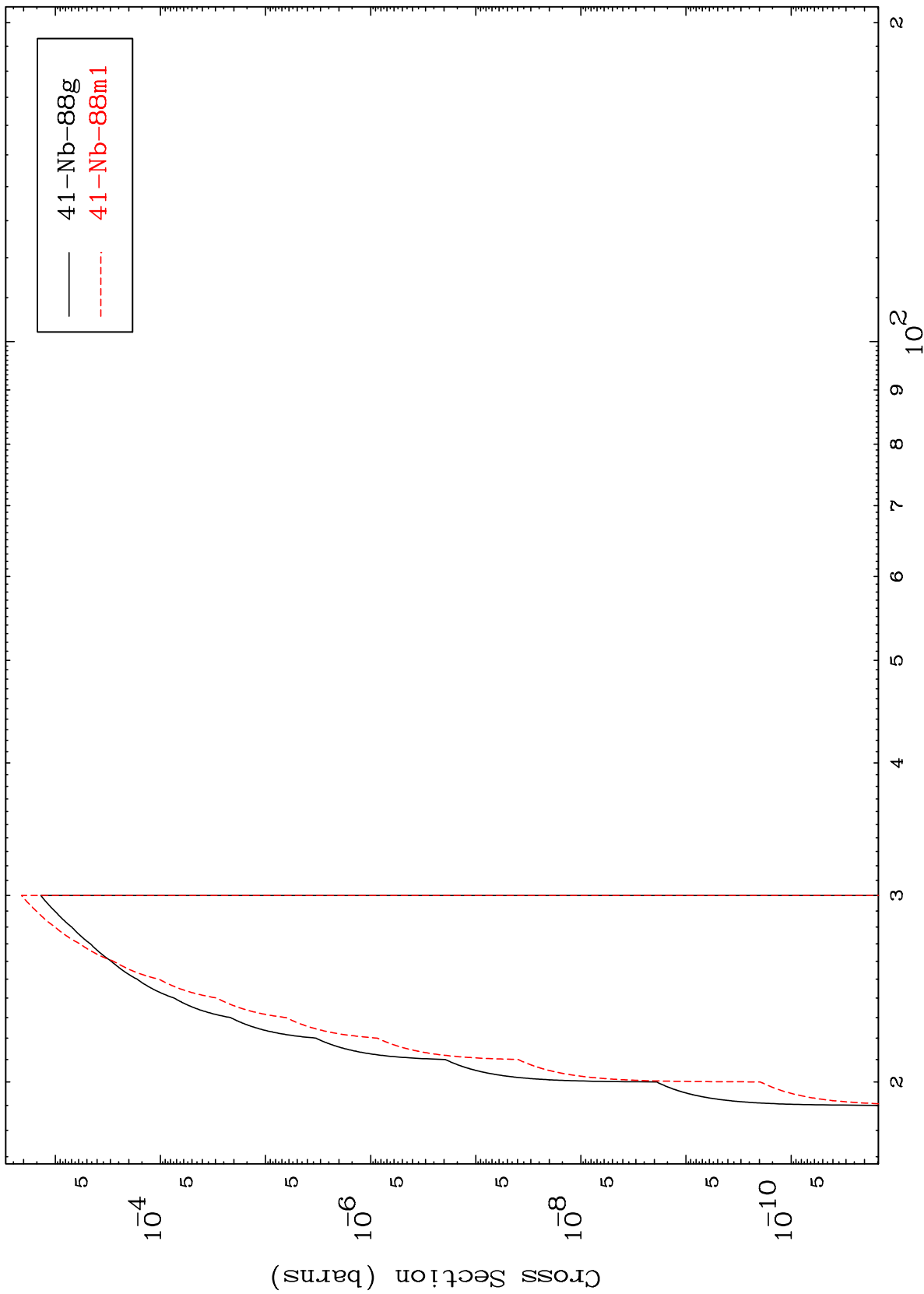
(n,n') p

42-Mo-90



129

Radionuclide Production Cross Section

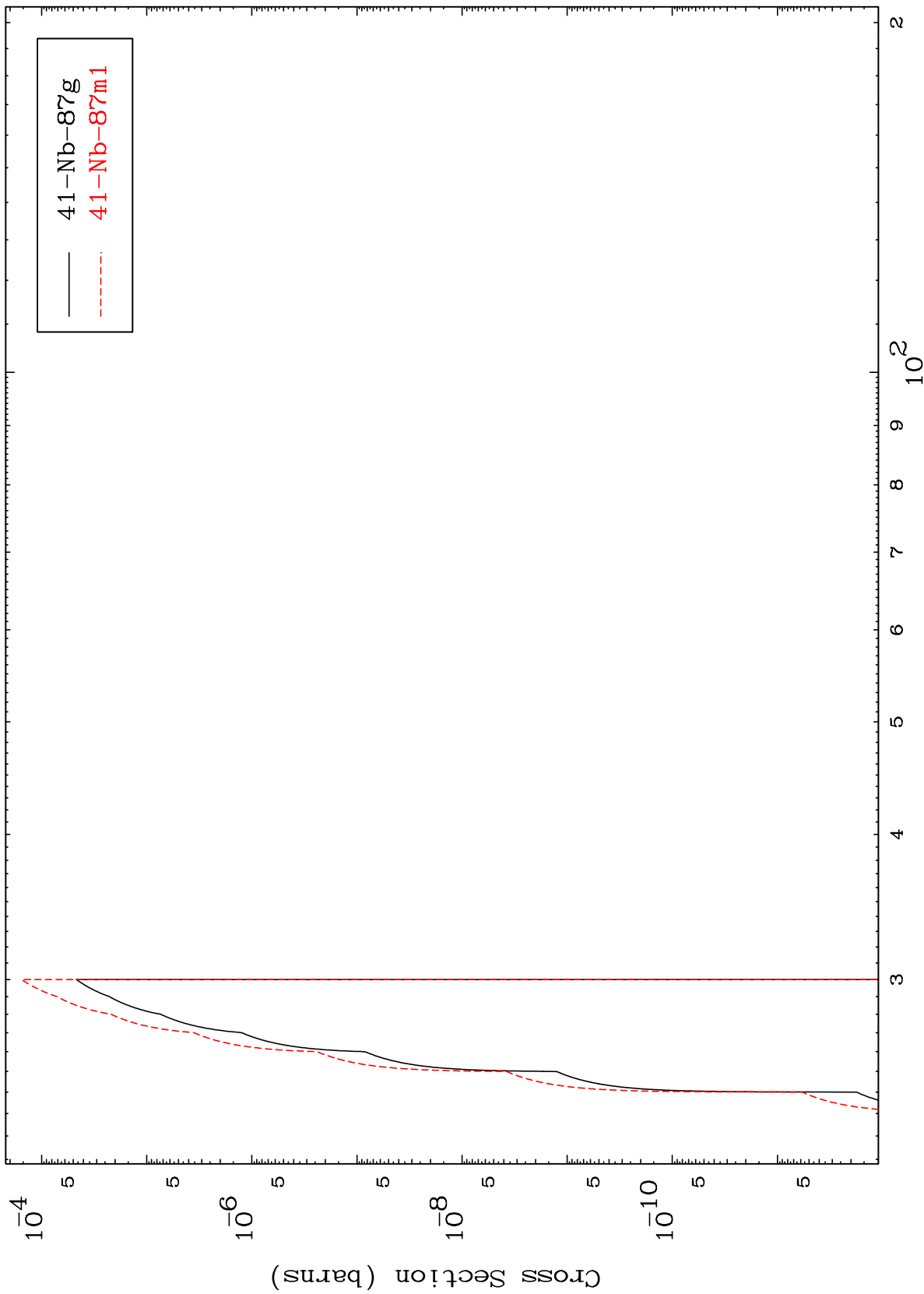


MAT 4219

(n,n') t

42-Mo-90

Radionuclide Production Cross Section

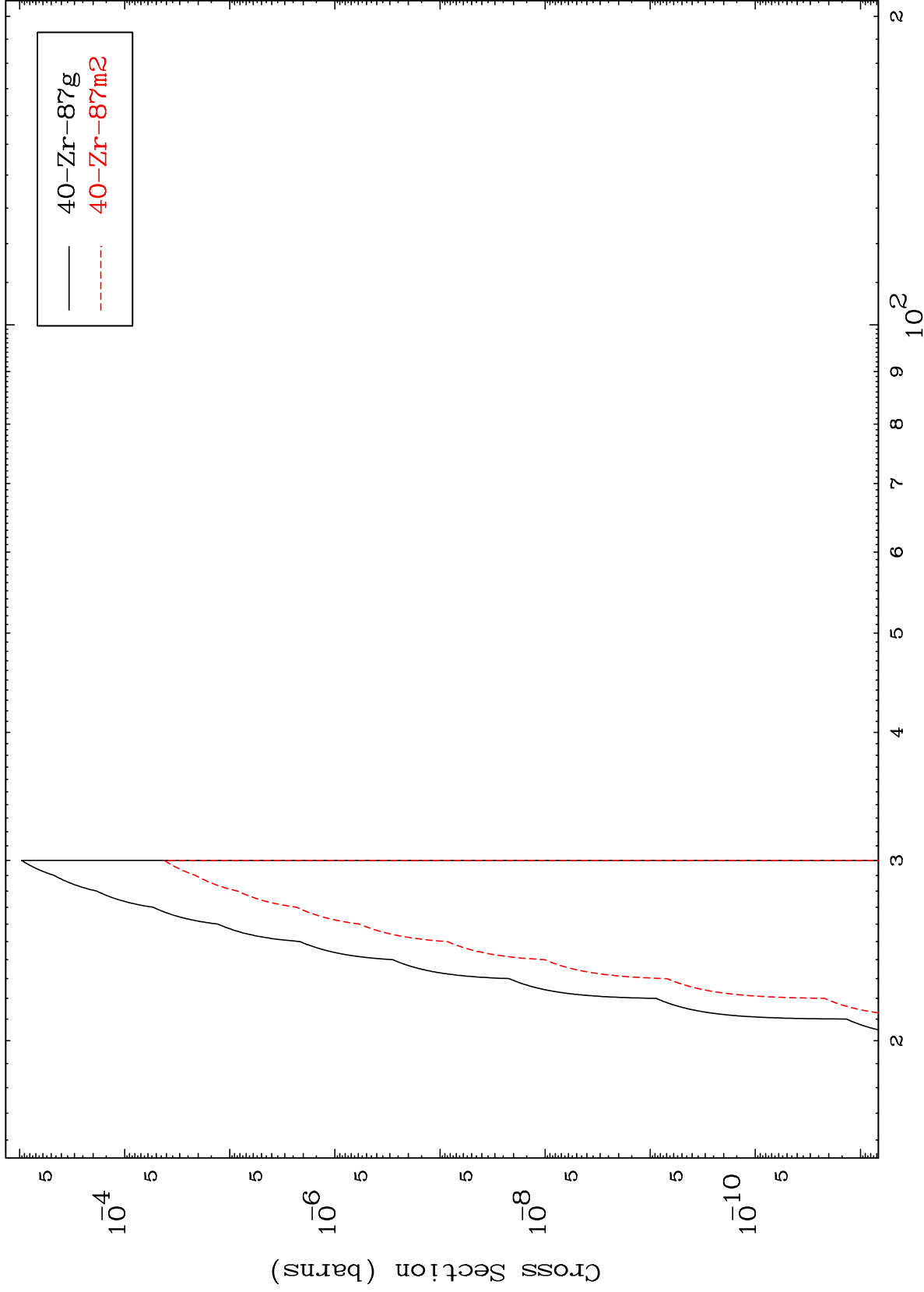


131

Incident Energy (MeV)

42-Mo-90

Radionuclide Production Cross Section

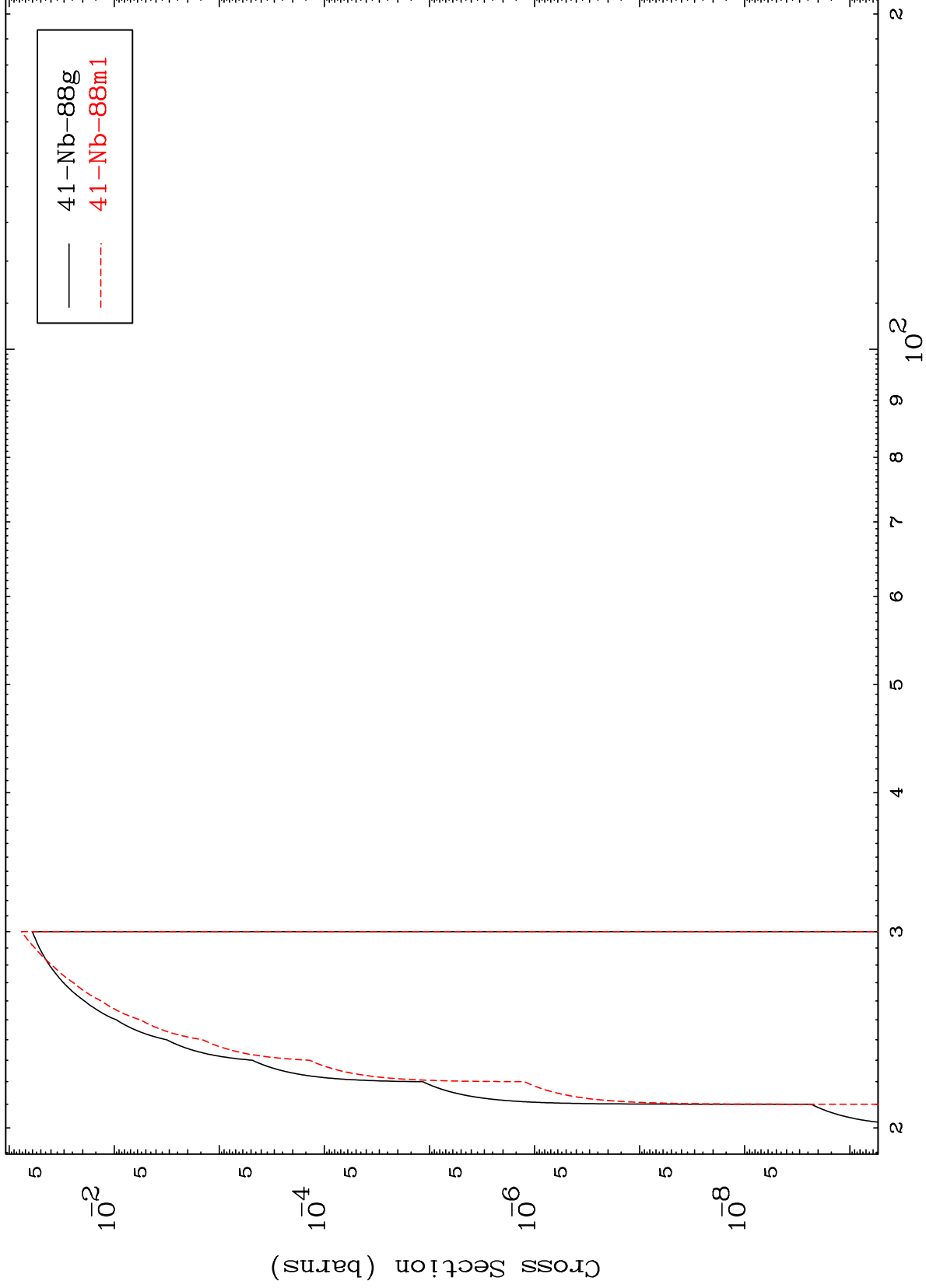


MAT 4219

(n,2n) p

42-Mo-90

Radionuclide Production Cross Section



133

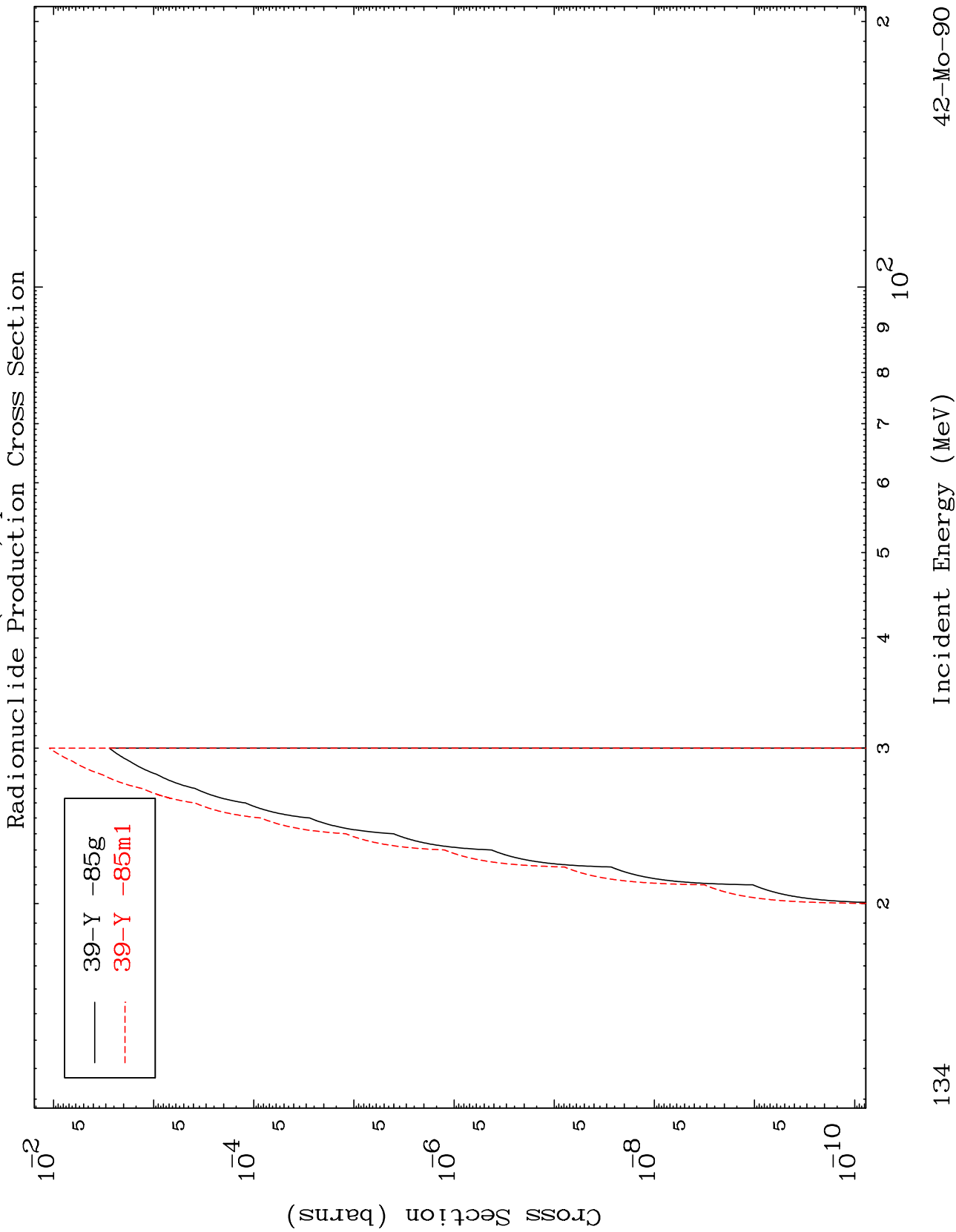
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,n') p α

42-Mo-90

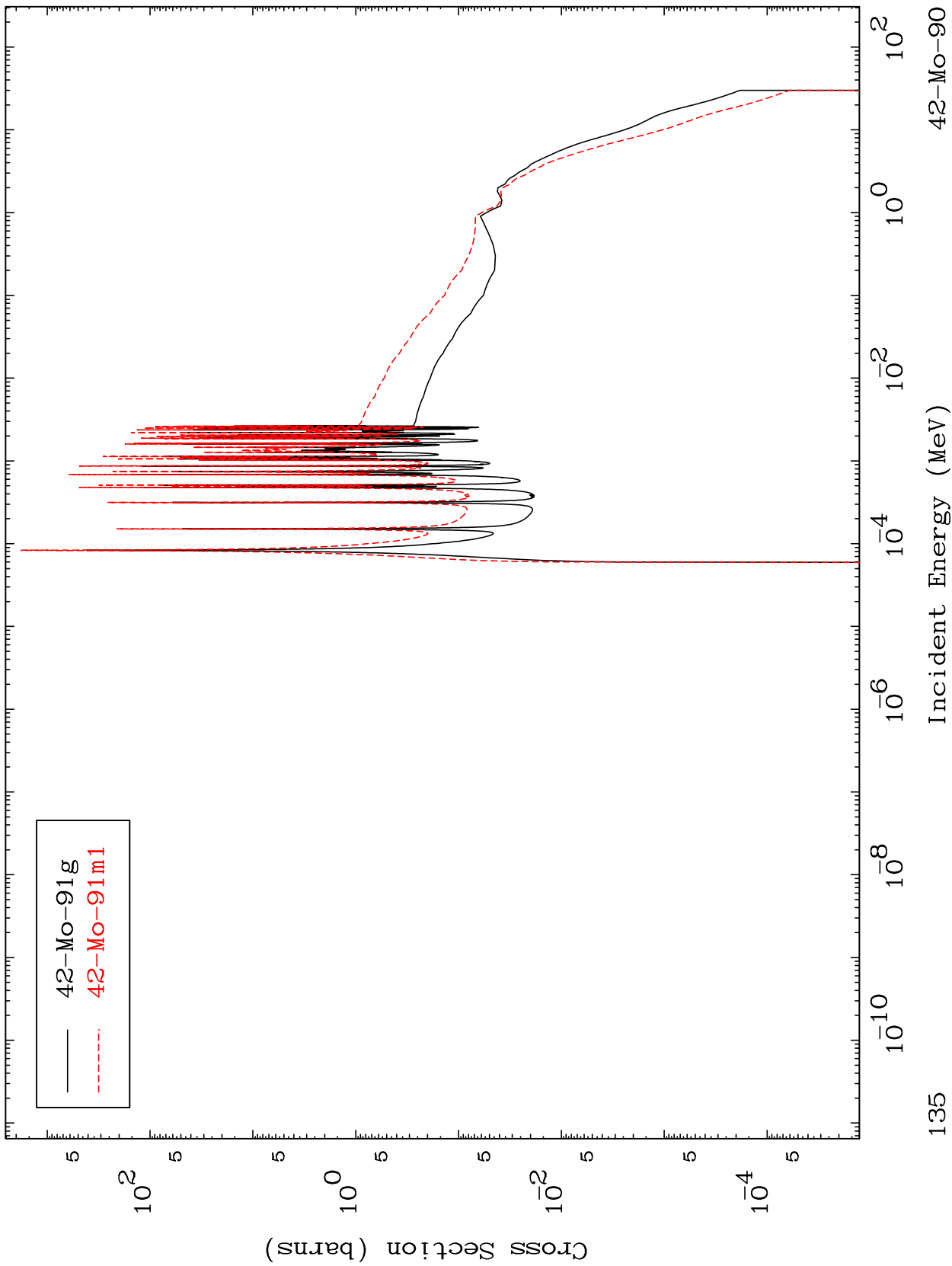


134

MAT 4219

42-Mo-90

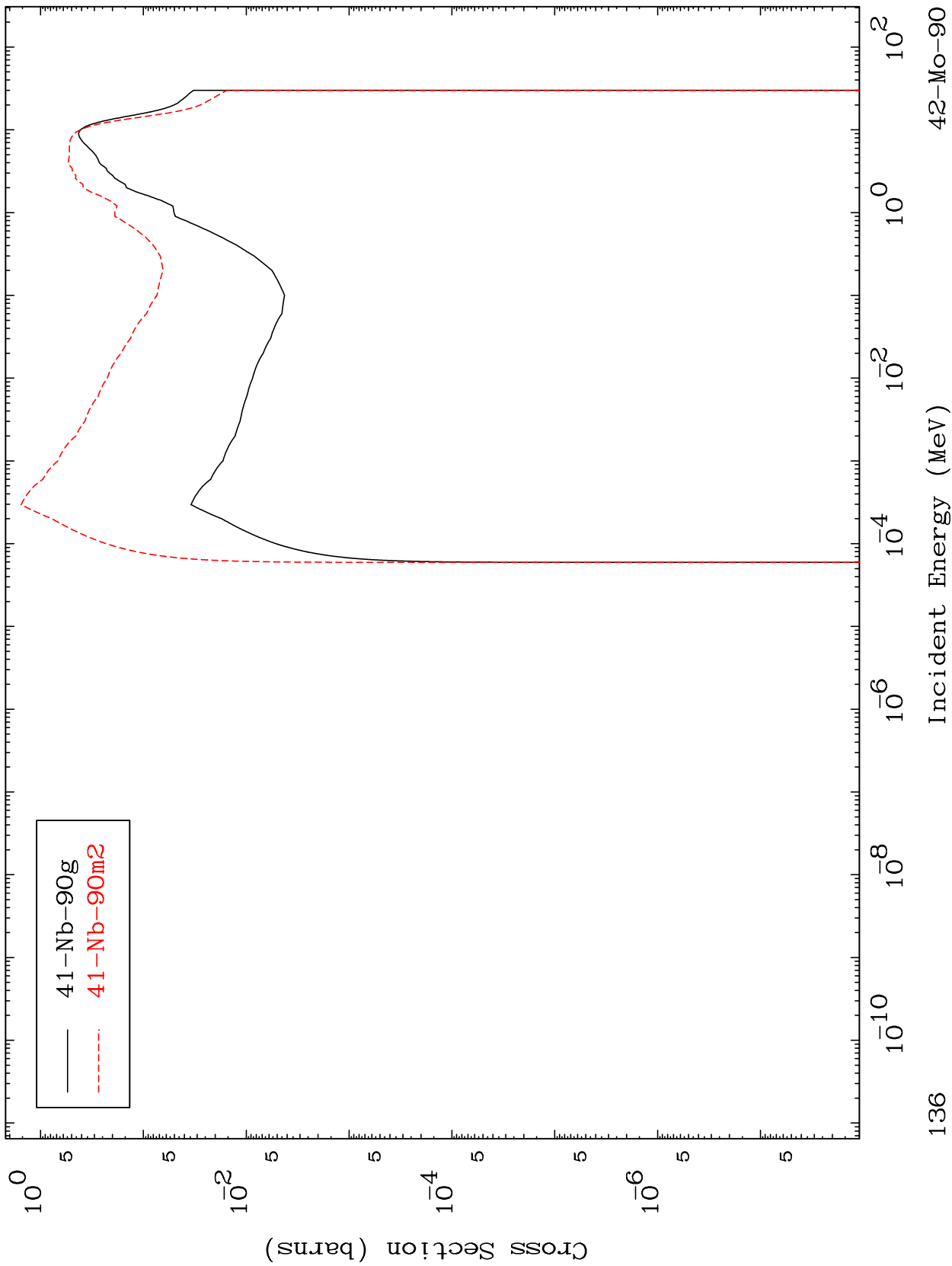
(n, γ)
Radionuclide Production Cross Section



MAT 4219

42-Mo-90

Radionuclide Production Cross Section (n,p)



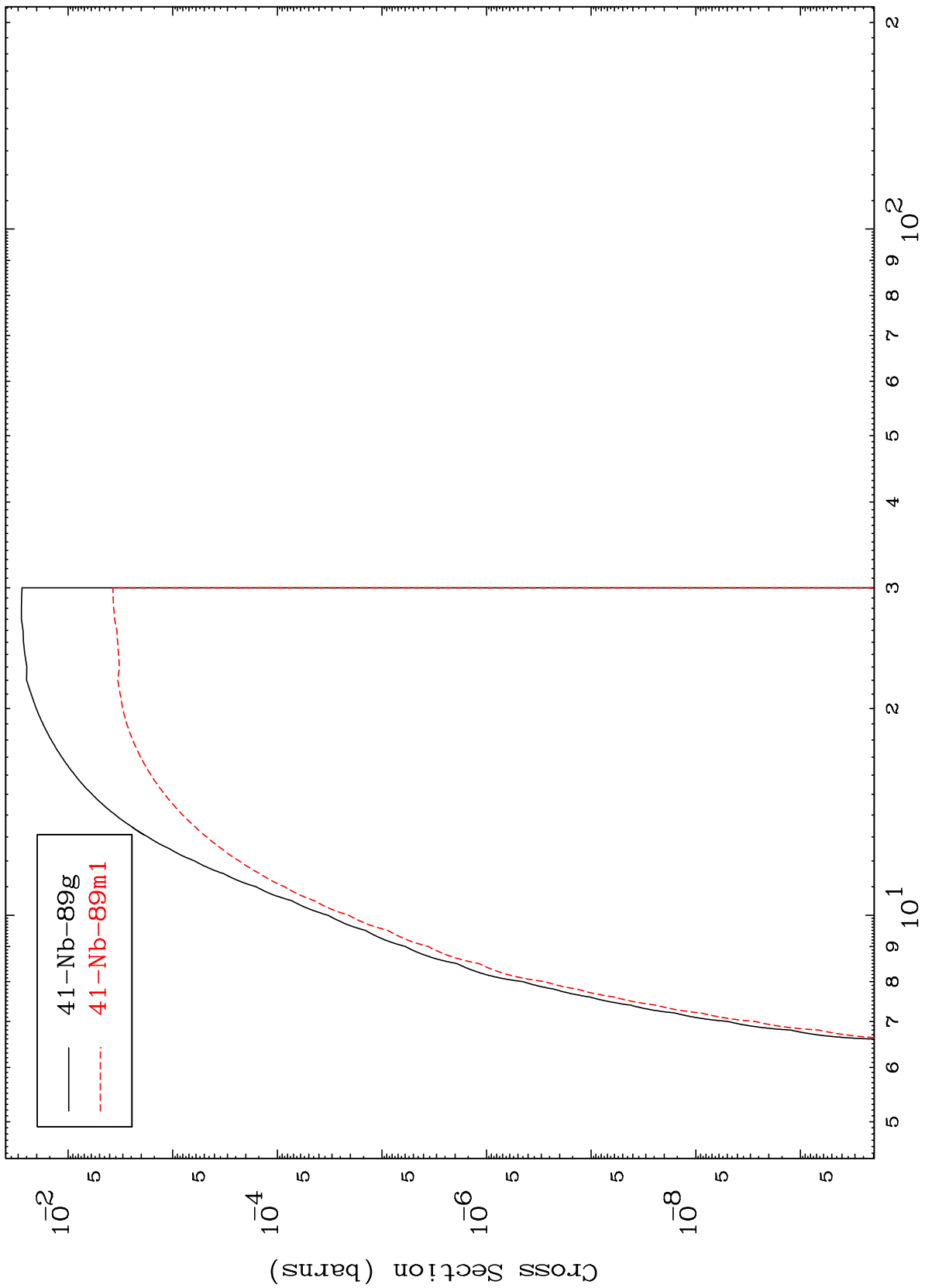
136

42-Mo-90

MAT 4219

42-Mo-90

(n,d)
Radionuclide Production Cross Section



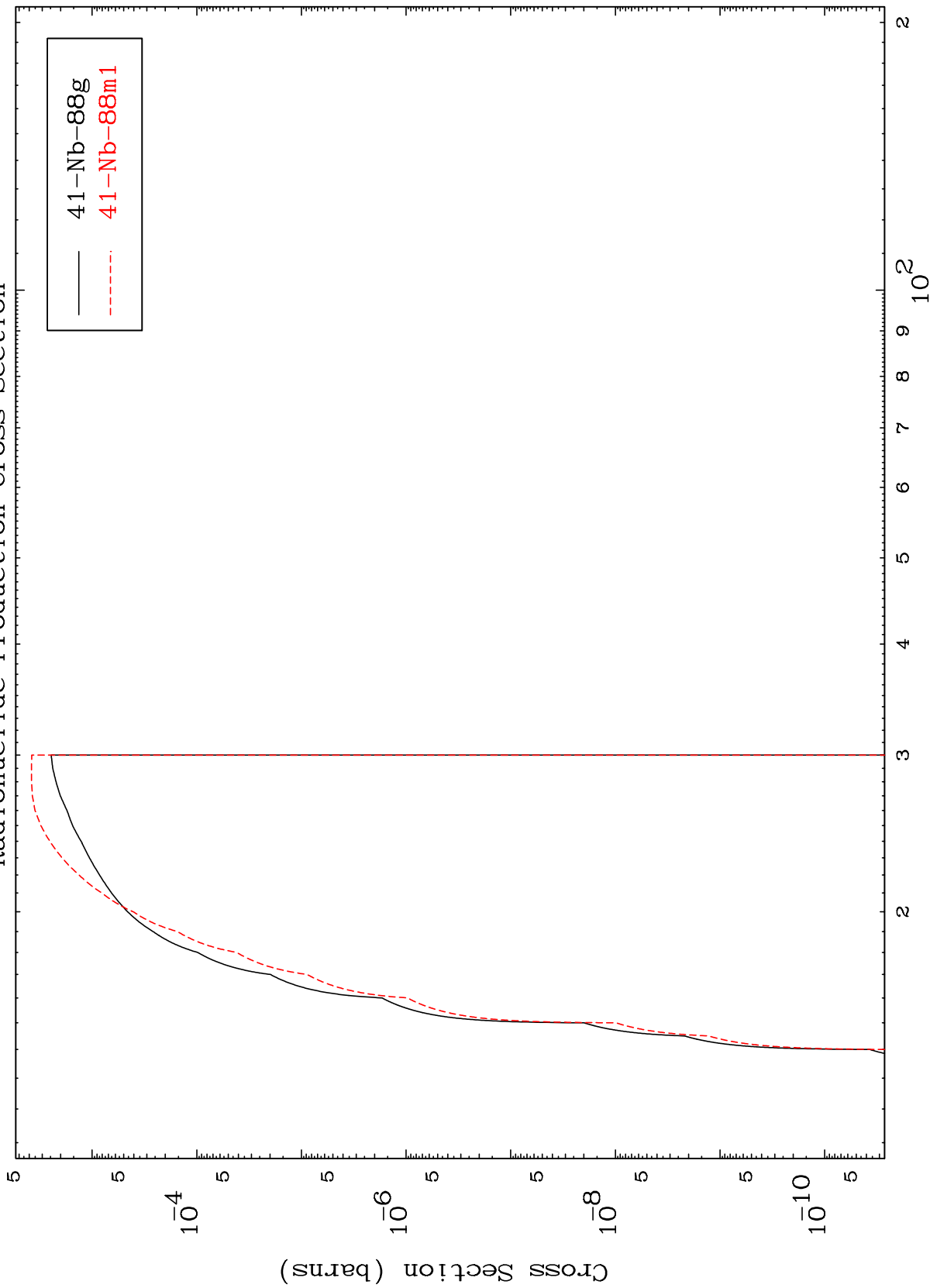
— 41-Nb-89g
- - - 41-Nb-89m1

137

Incident Energy (MeV)

42-Mo-90

(n, t)
Radionuclide Production Cross Section

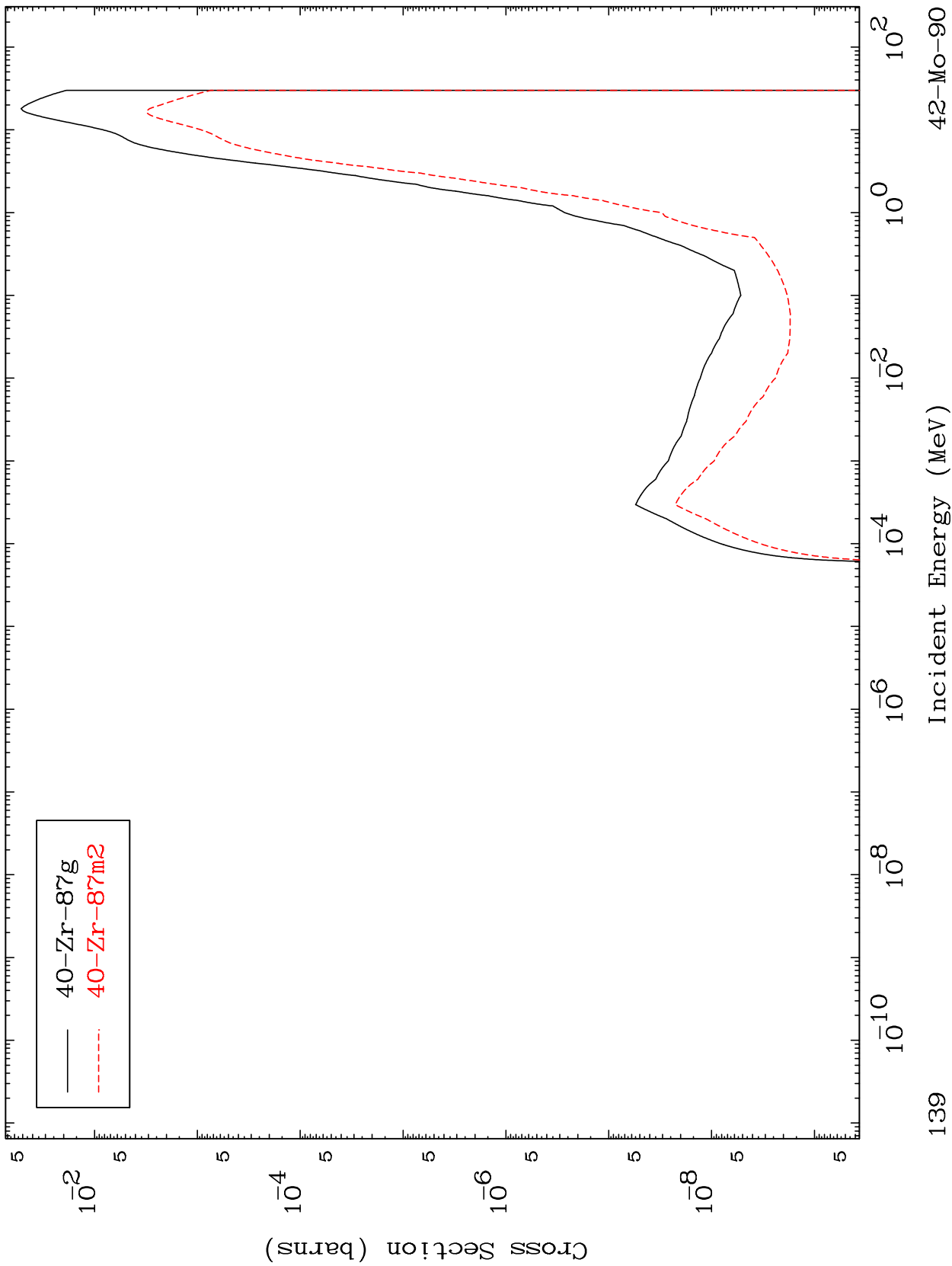


41-Nb-88g
41-Nb-88m1

MAT 4219

42-Mo-90

Radionuclide Production Cross Section
(n, α)



139

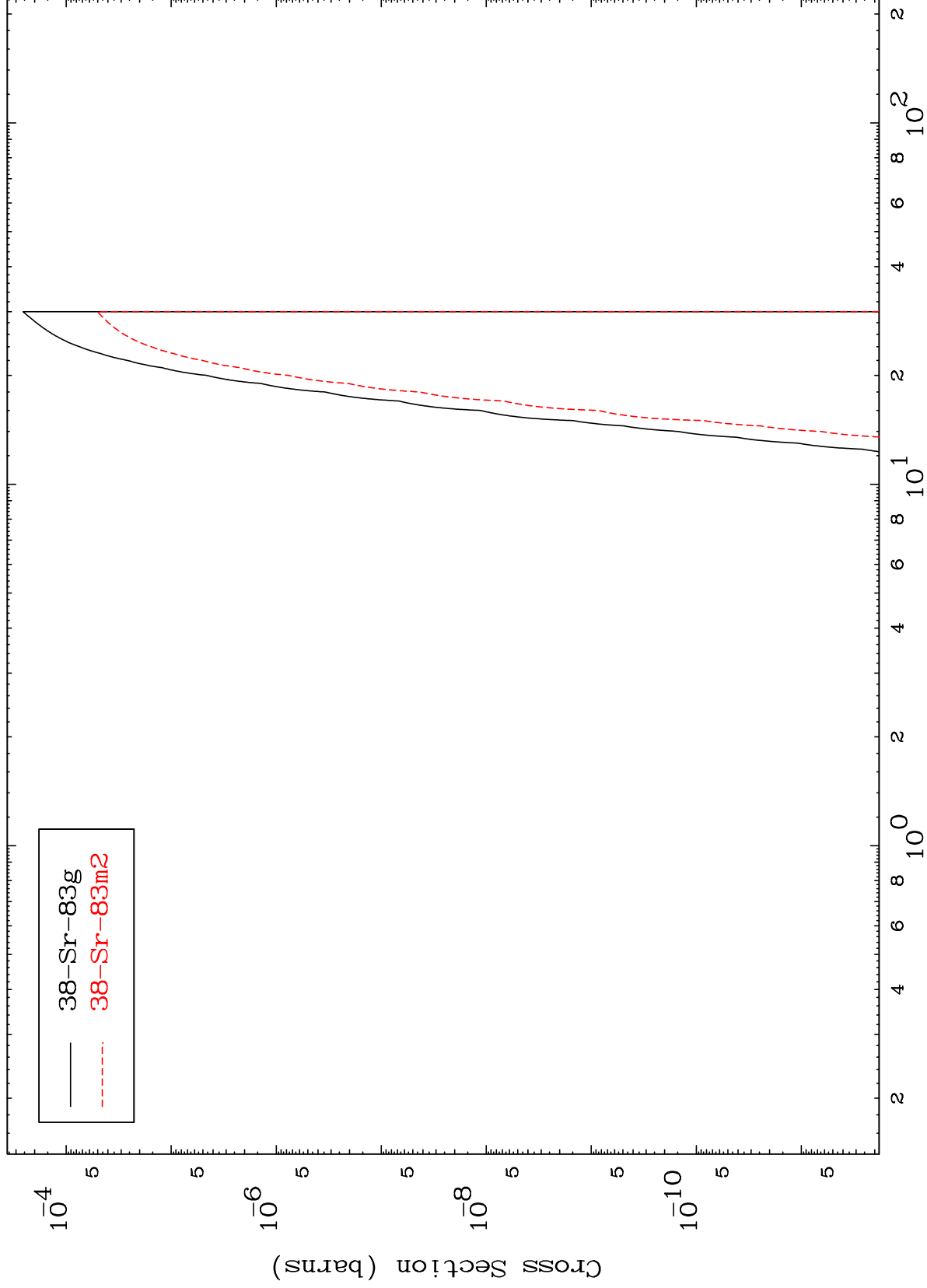
42-Mo-90

MAT 4219

(n,2α)

42-Mo-90

Radionuclide Production Cross Section



140

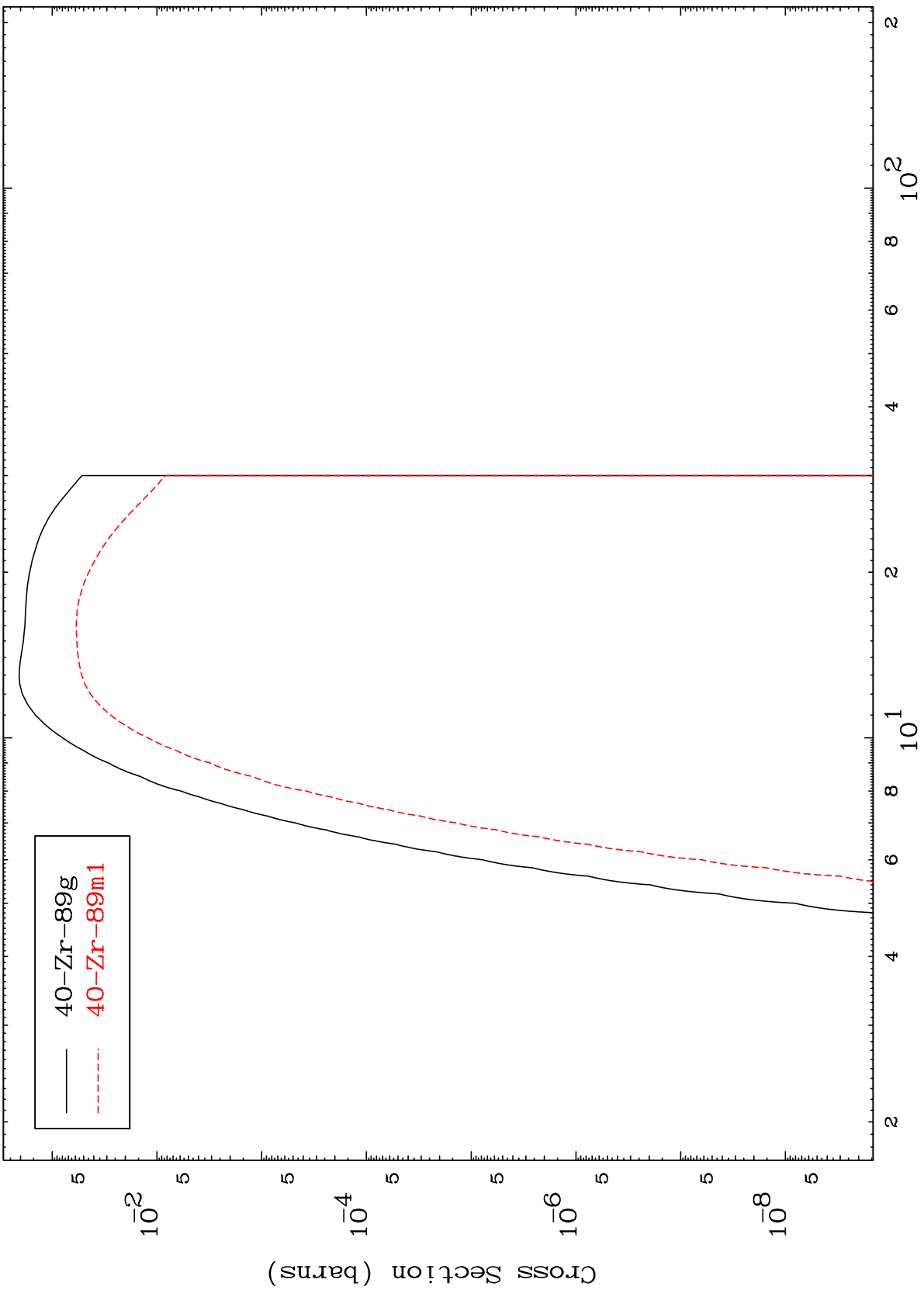
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

(n,2p)
Radionuclide Production Cross Section



141

42-Mo-90

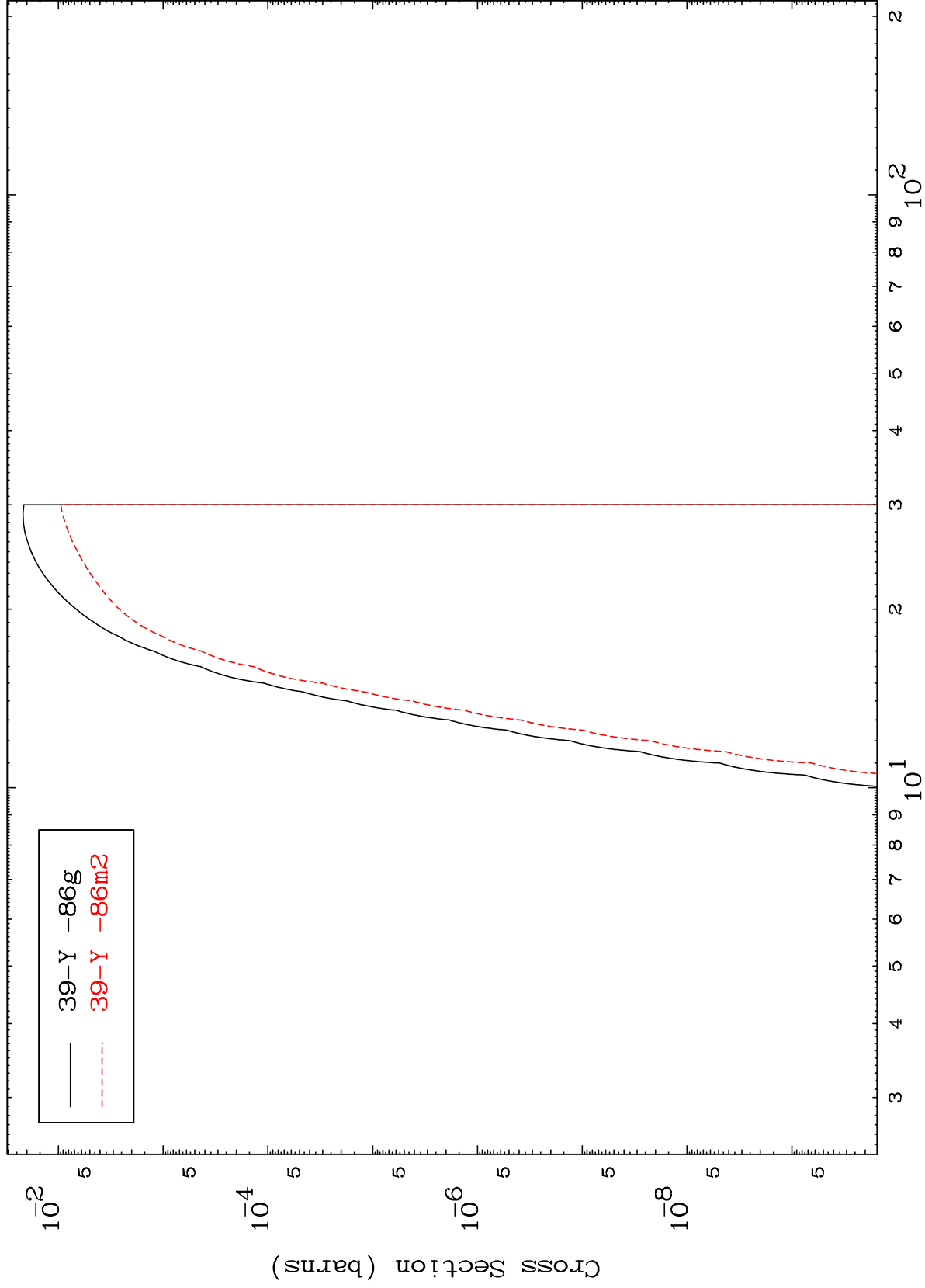
Incident Energy (MeV)

MAT 4219

(n,p) α

42-Mo-90

Radionuclide Production Cross Section

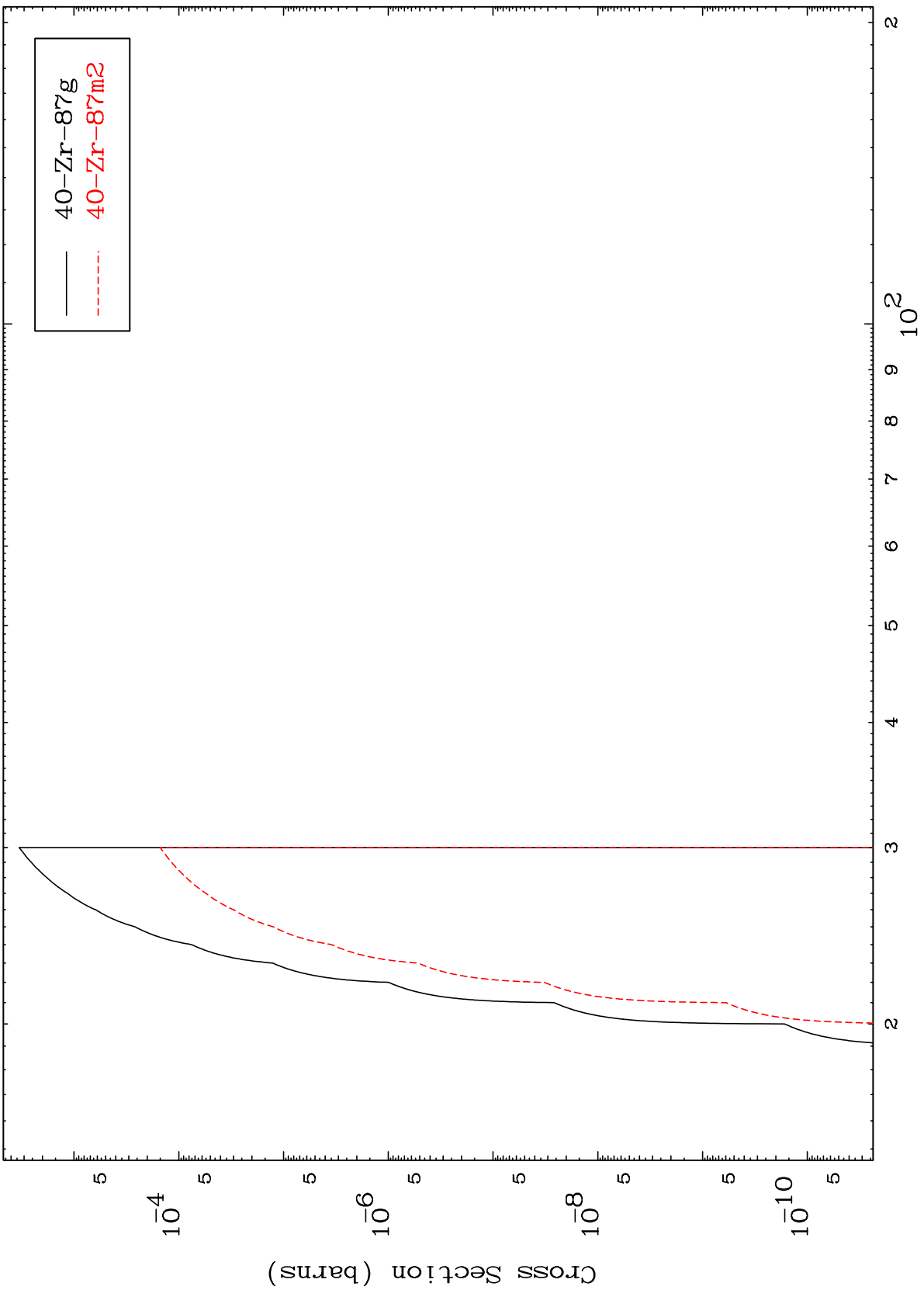


142

Incident Energy (MeV)

42-Mo-90

Radionuclide Production Cross Section



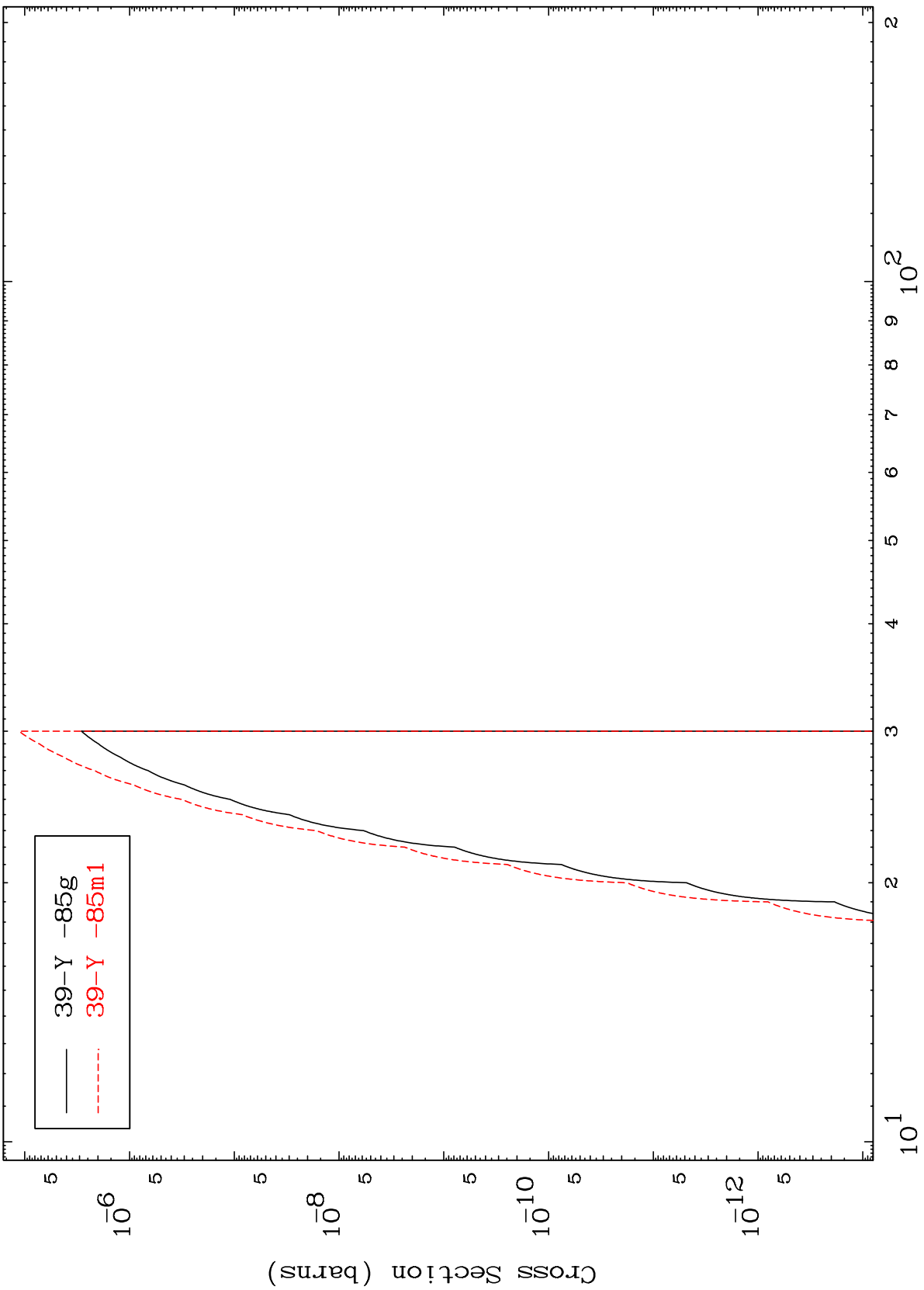
40-Zr-87g
40-Zr-87m2

MAT 4219

(n,d) α

42-Mo-90

Radionuclide Production Cross Section



144

Incident Energy (MeV)

42-Mo-90