

Program EVALPLOT
(Version 2021-1)

by

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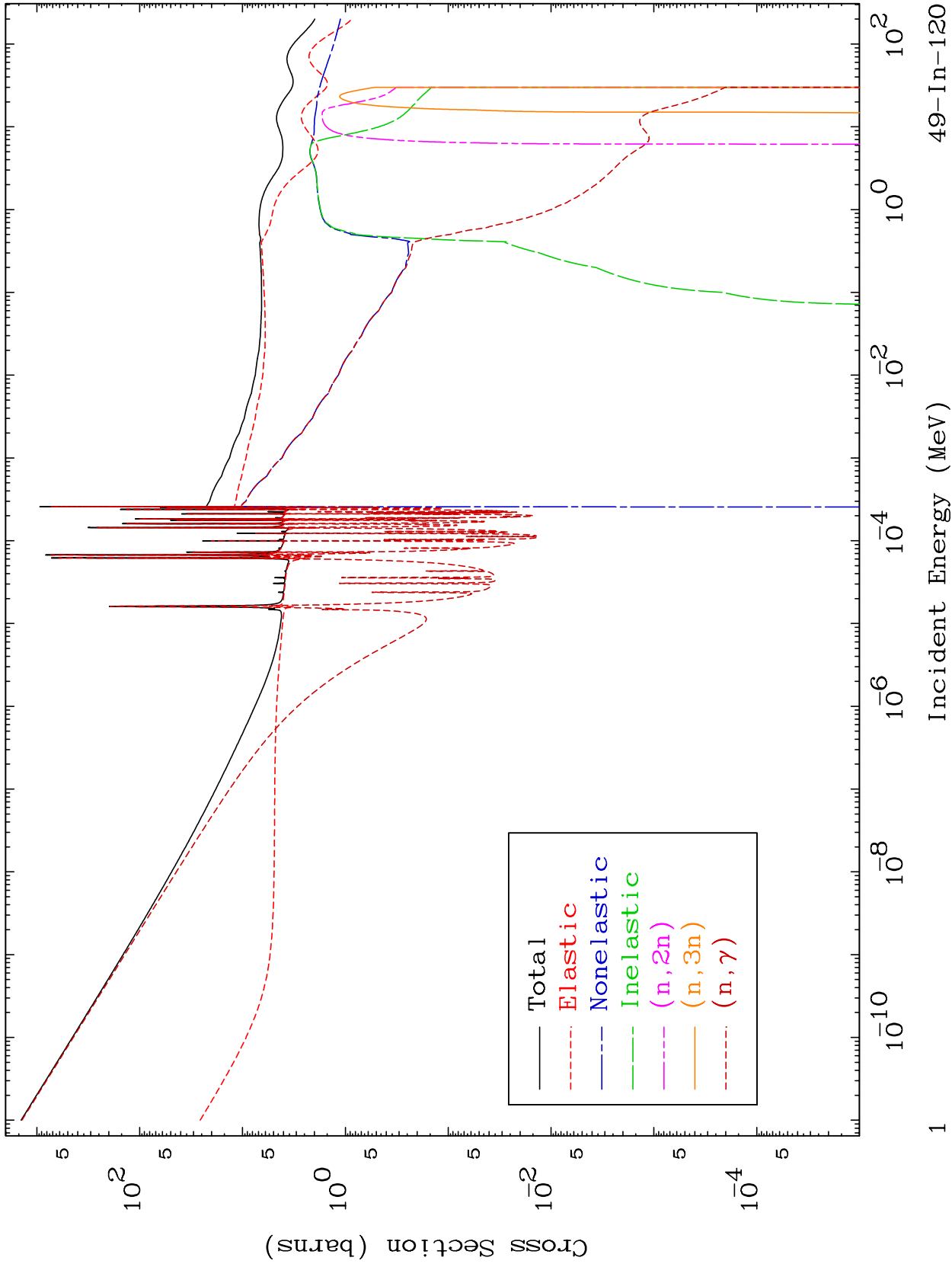
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4946

Neutron Major
293 Kelvins Cross Sections

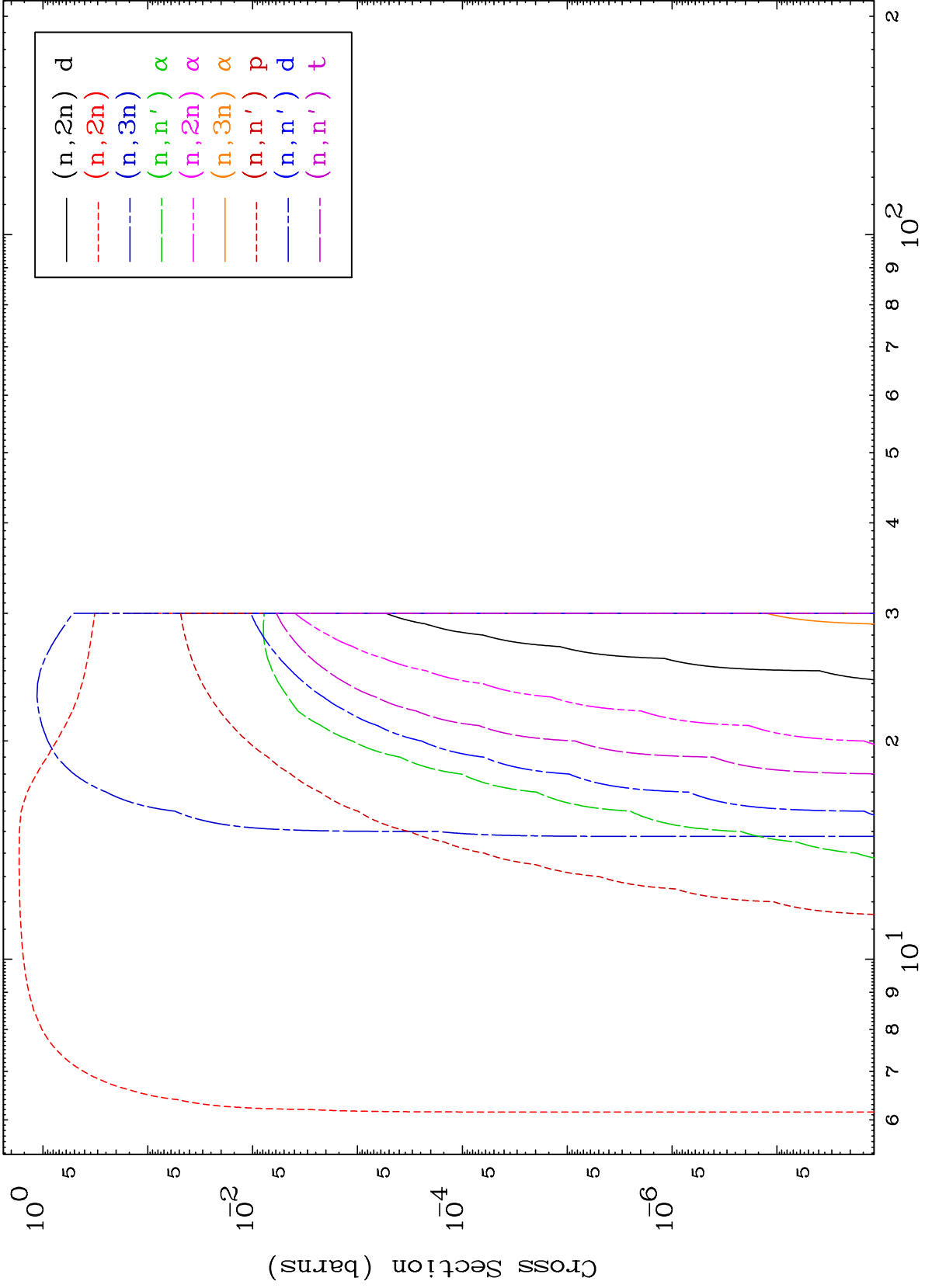
49-In-120



MAT 4946

Neutron Absorption
293 Kelvin Cross Sections

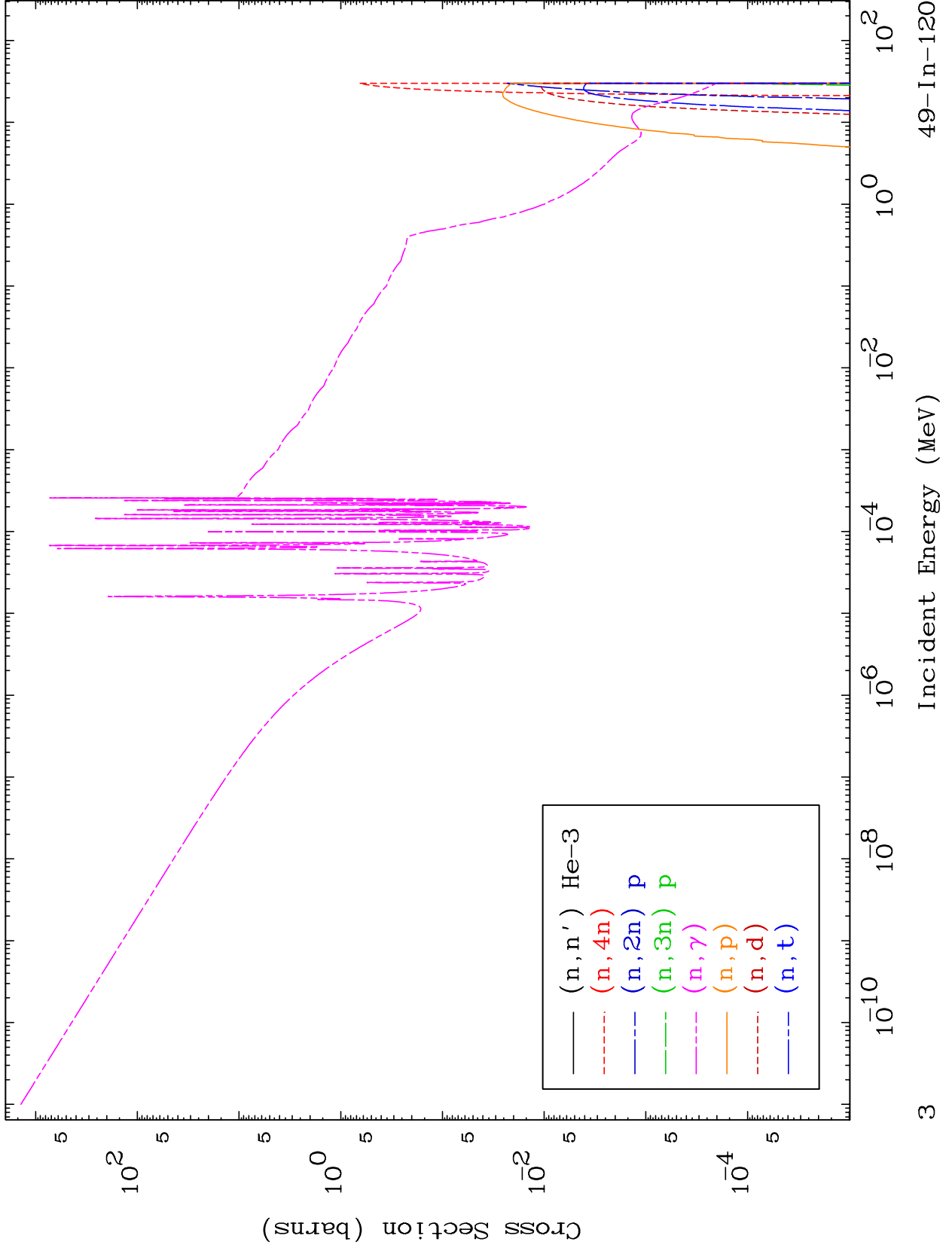
49-In-120



MAT 4946

Neutron Absorption
293 Kelvin Cross Sections

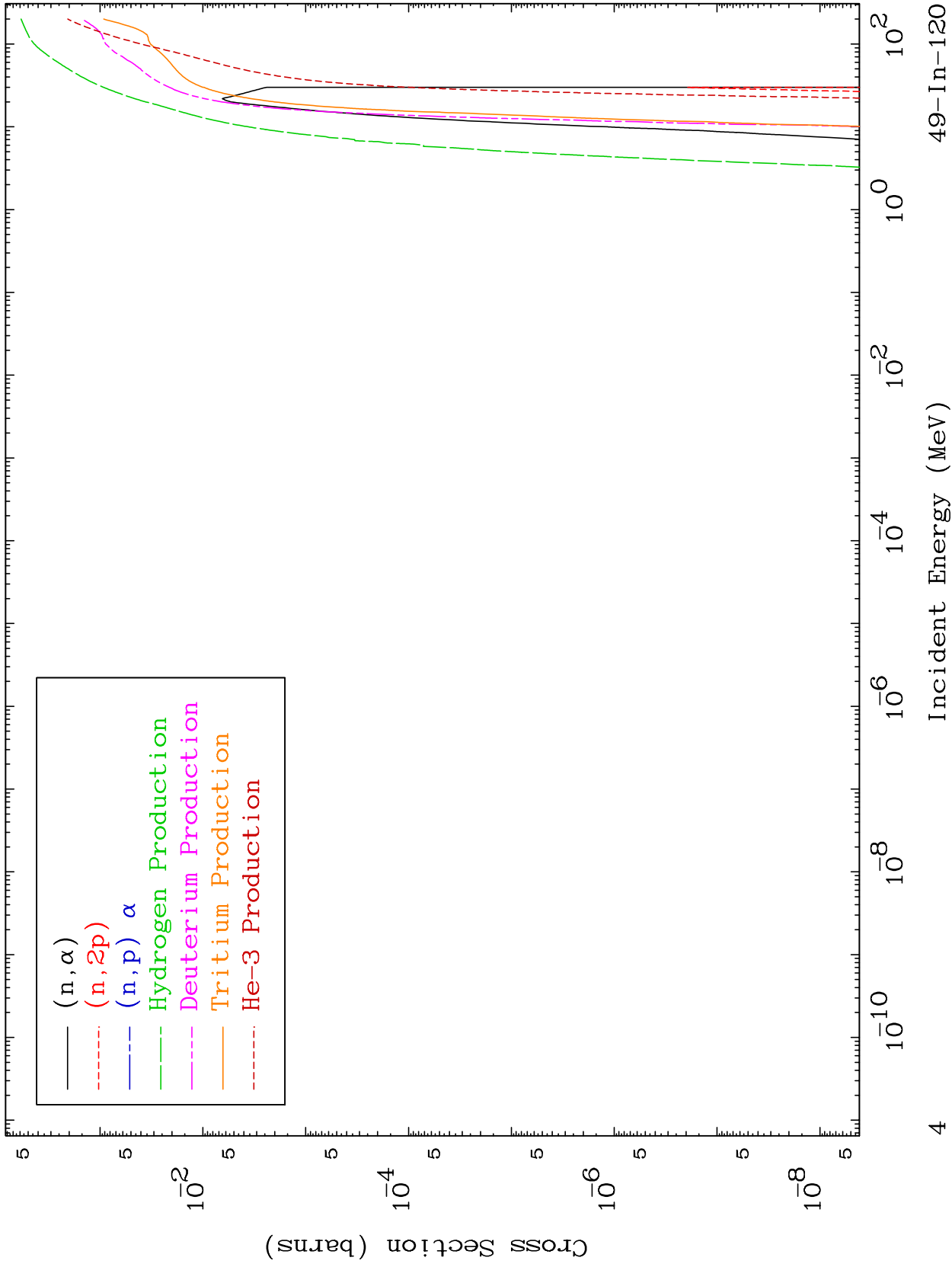
49-In-120



MAT 4946

Neutron Absorption
293 Kelvin Cross Sections

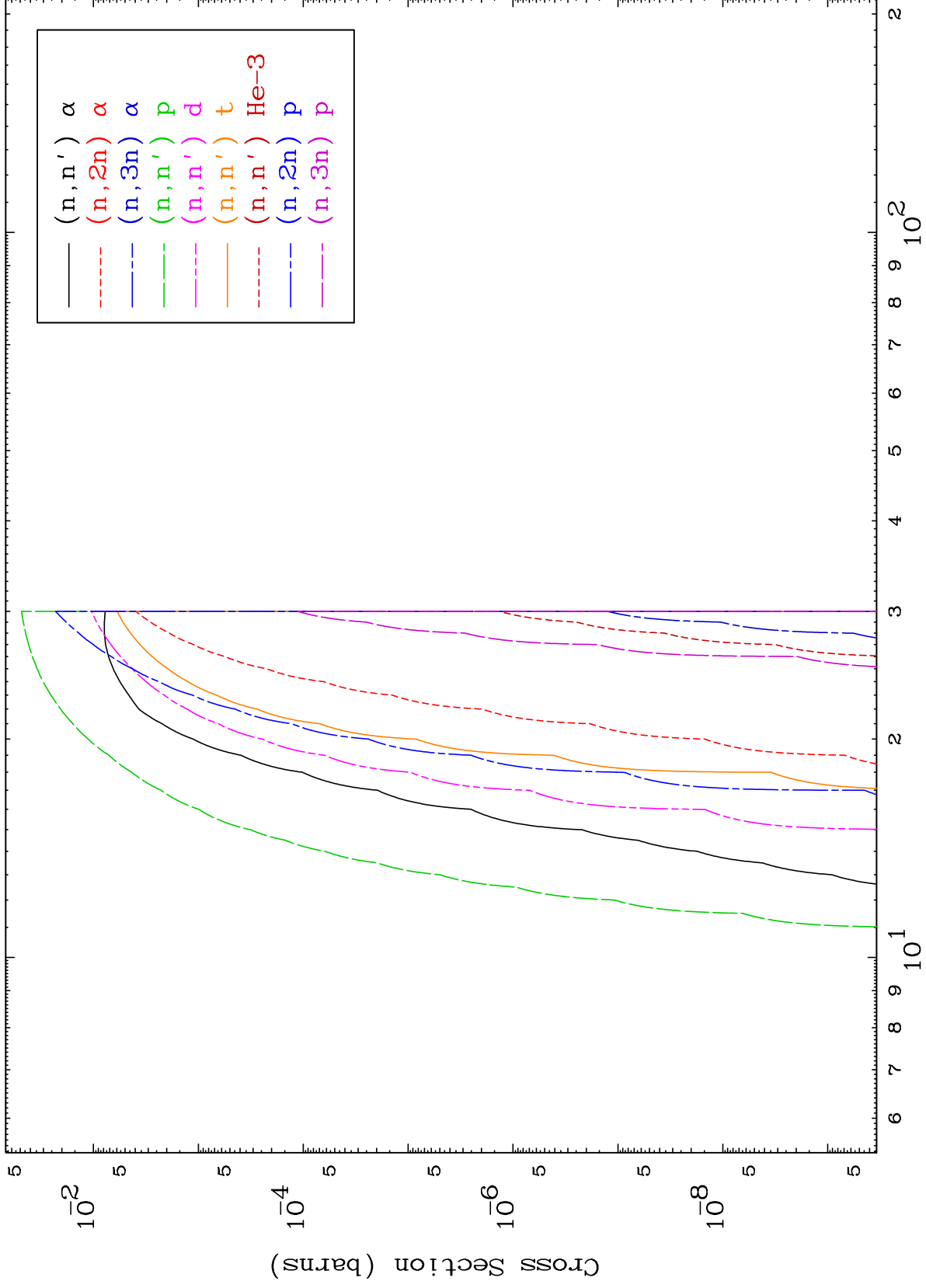
49-In-120



MAT 4946

Charged Particle
293 Kelvin Cross Sections

49-In-120



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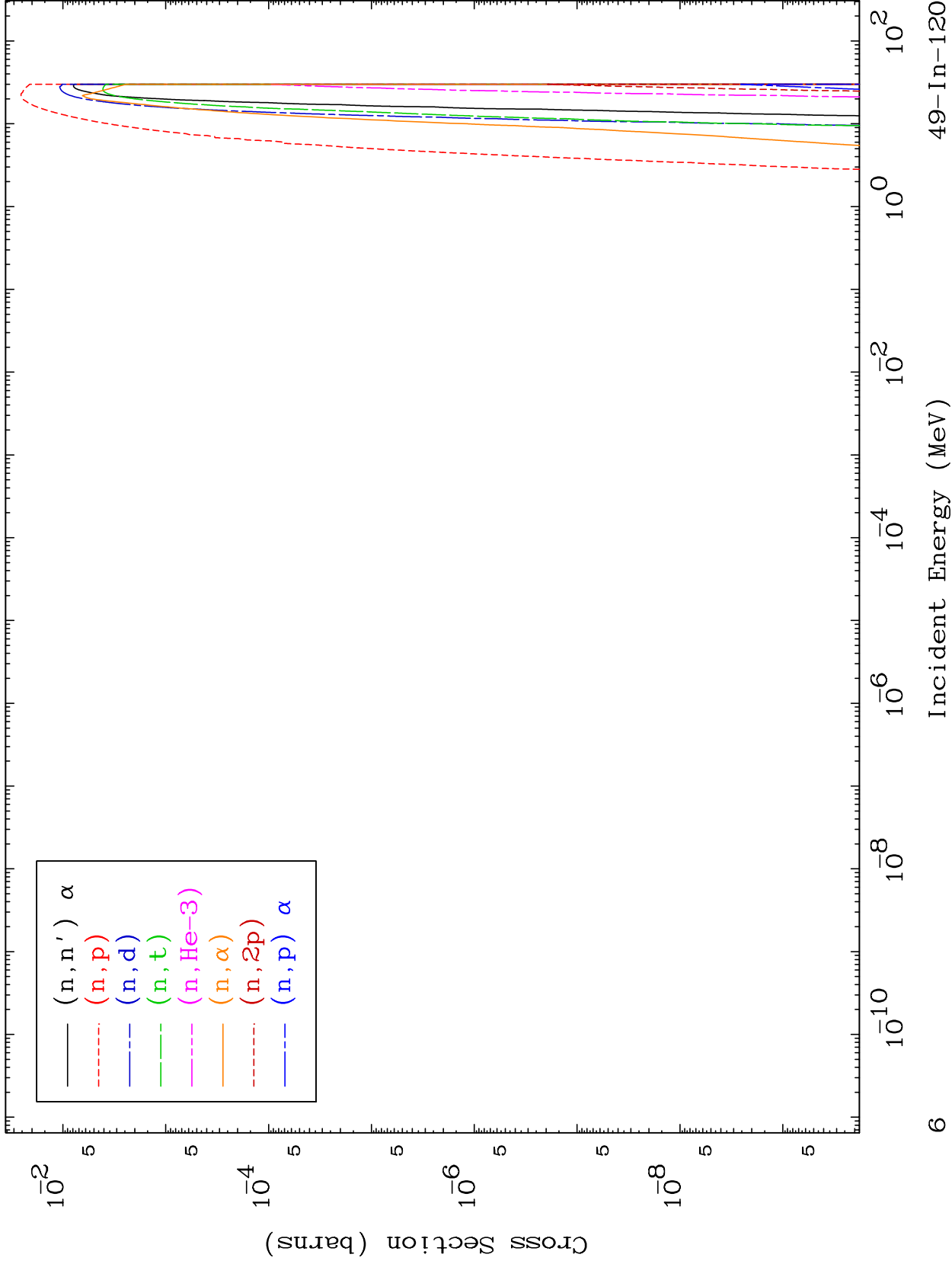
Incident Energy (MeV)

49-In-120

MAT 4946

Charged Particle
293 Kelvin Cross Sections

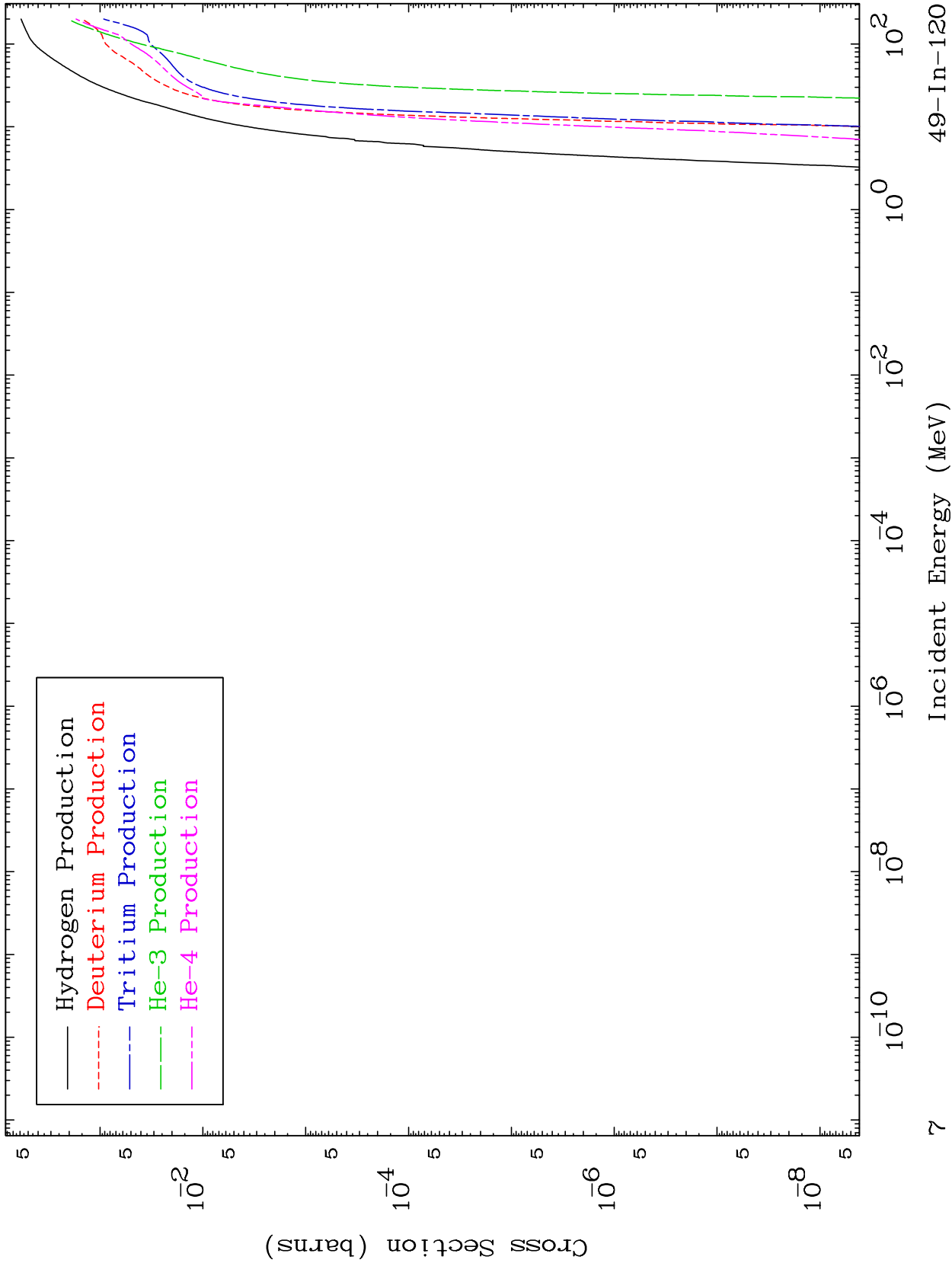
49-In-120



MAT 4946

Particle Production
293 Kelvin Cross Sections

49-In-120

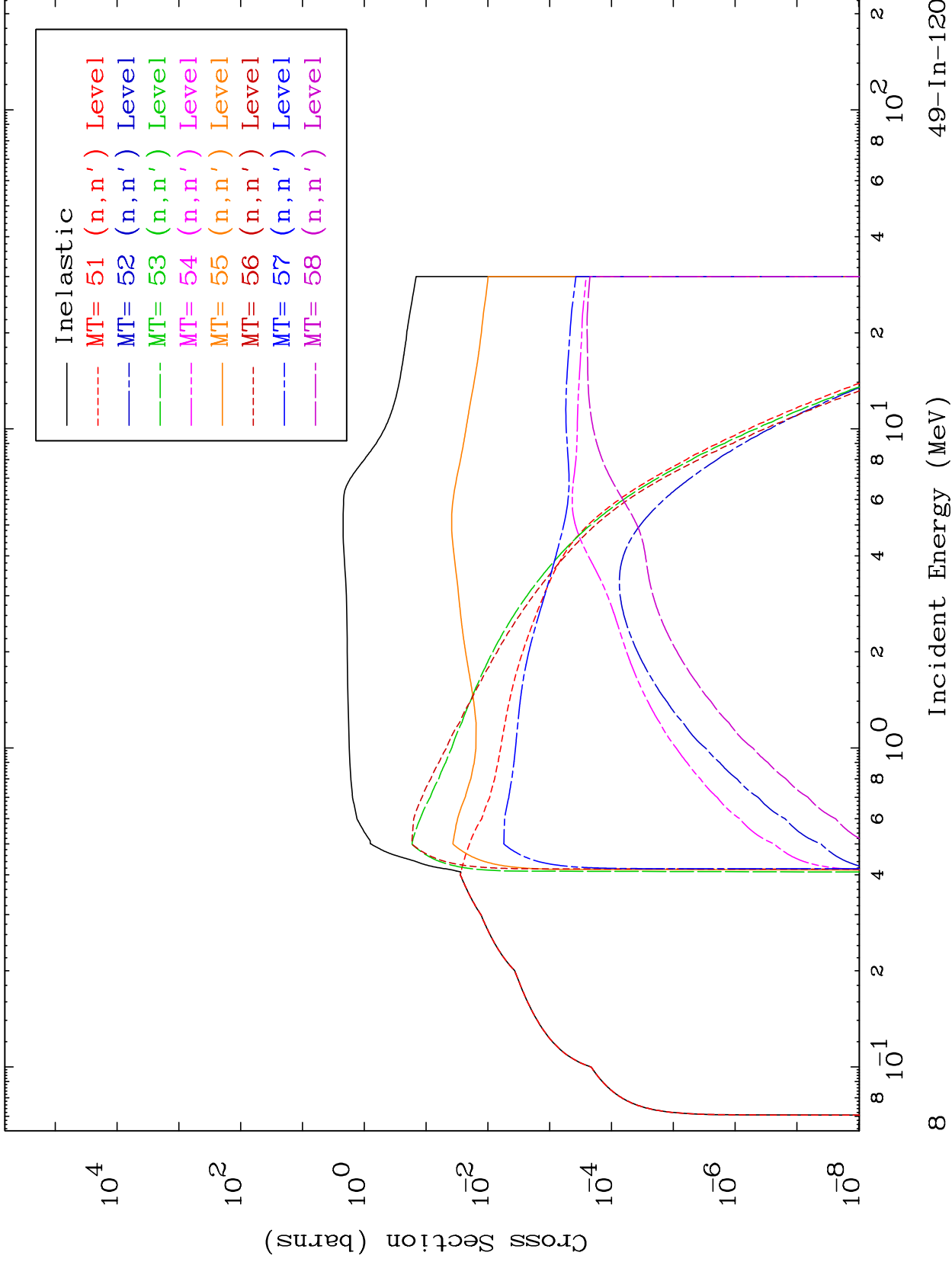


MAT 4946

(n,n') Levels

49-In-120

293 Kelvin Cross Sections



8

Incident Energy (MeV)

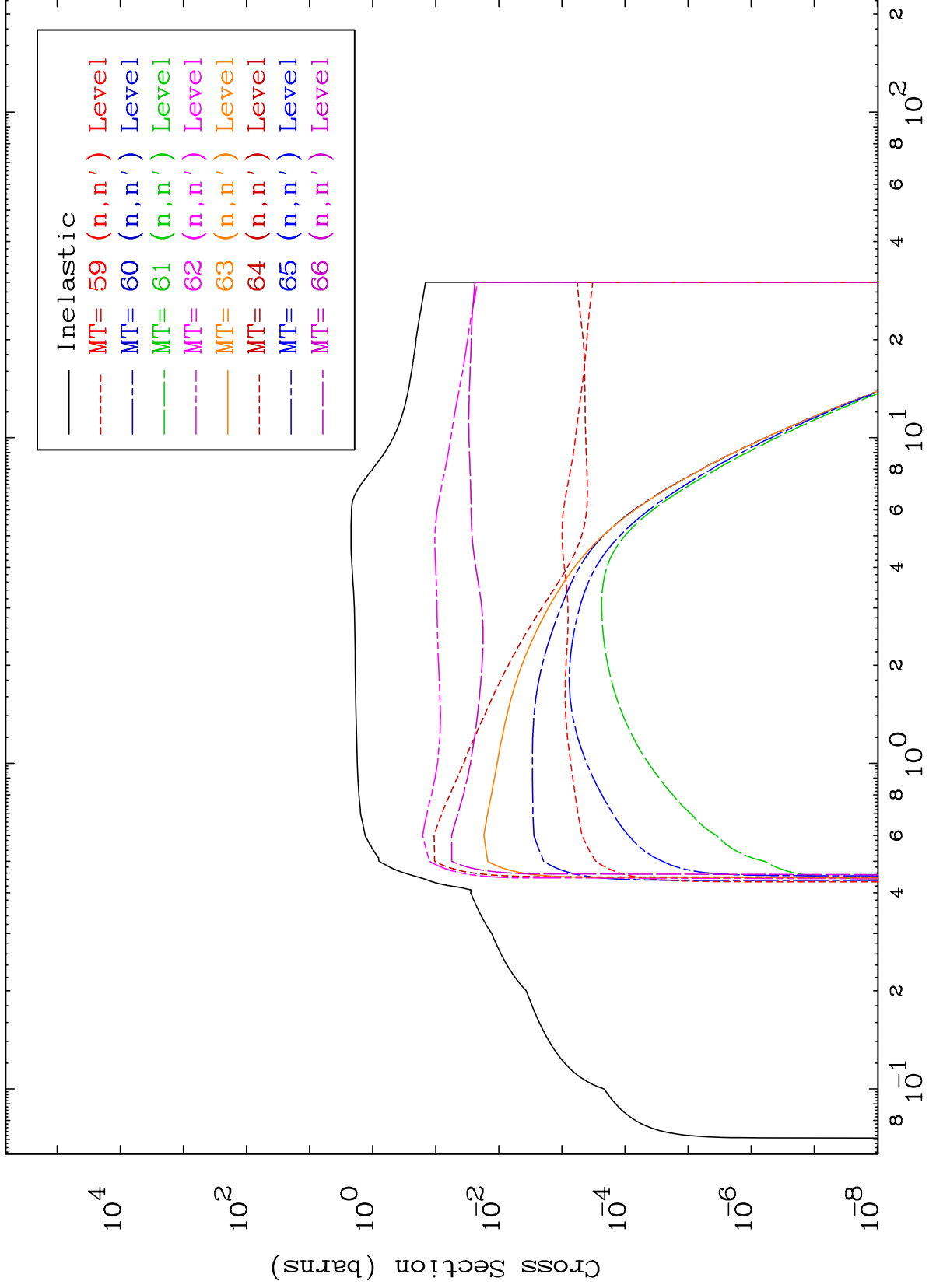
49-In-120

MAT 4946

(n,n') Levels

49-In-120

293 Kelvin Cross Sections



9

Incident Energy (MeV)

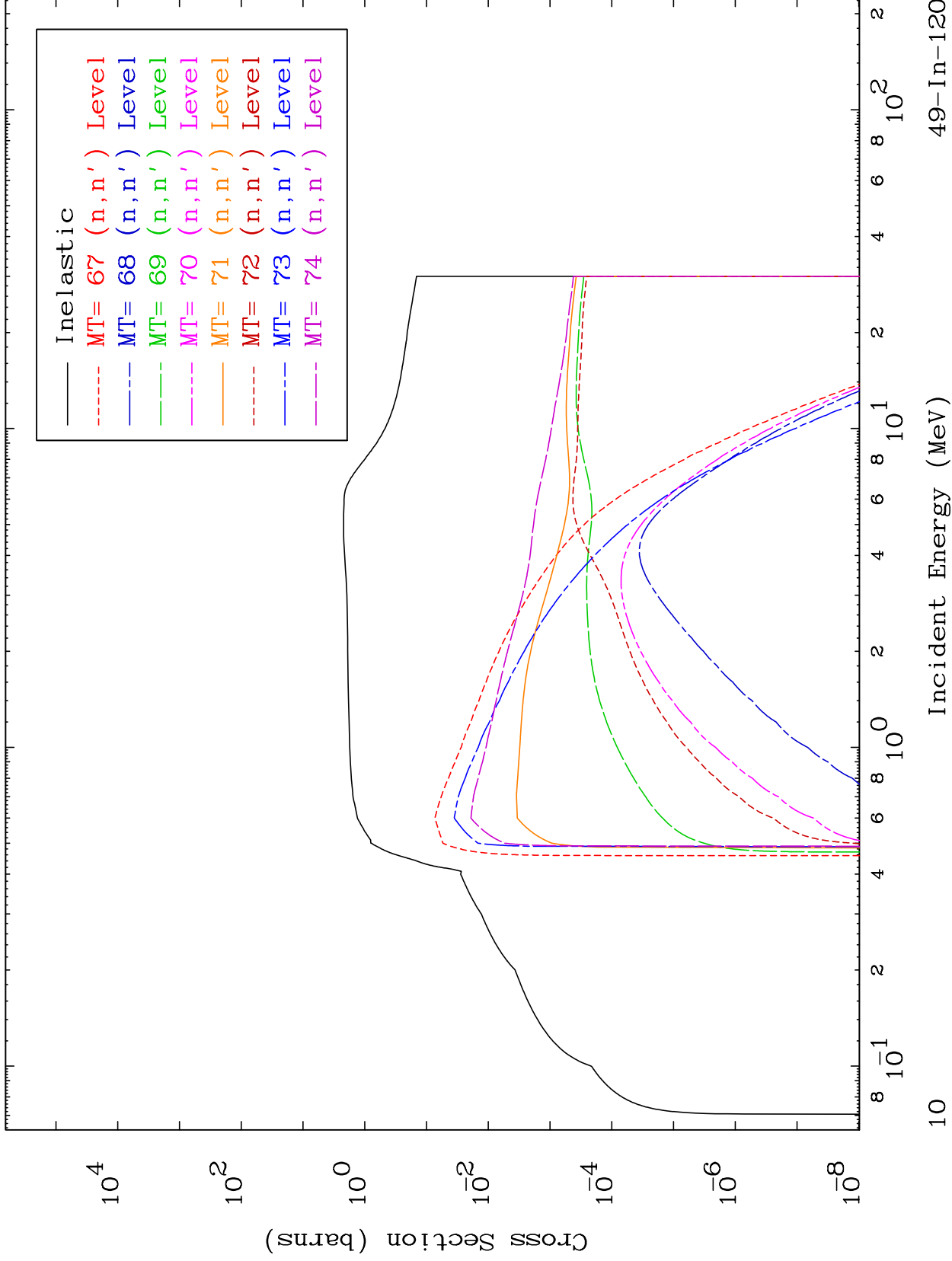
49-In-120

MAT 4946

(n,n') Levels

49-In-120

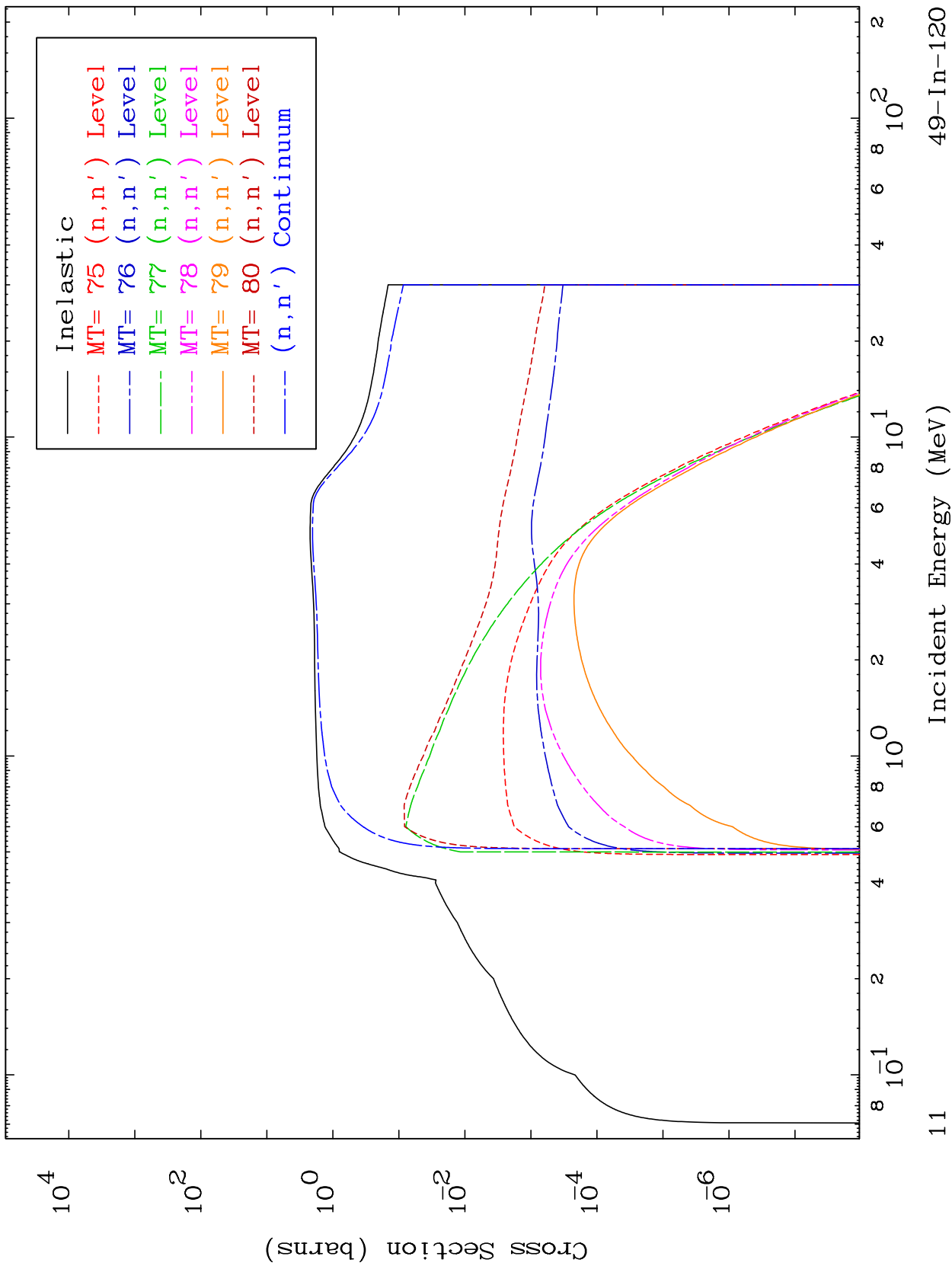
293 Kelvin Cross Sections



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Incident Energy (MeV)

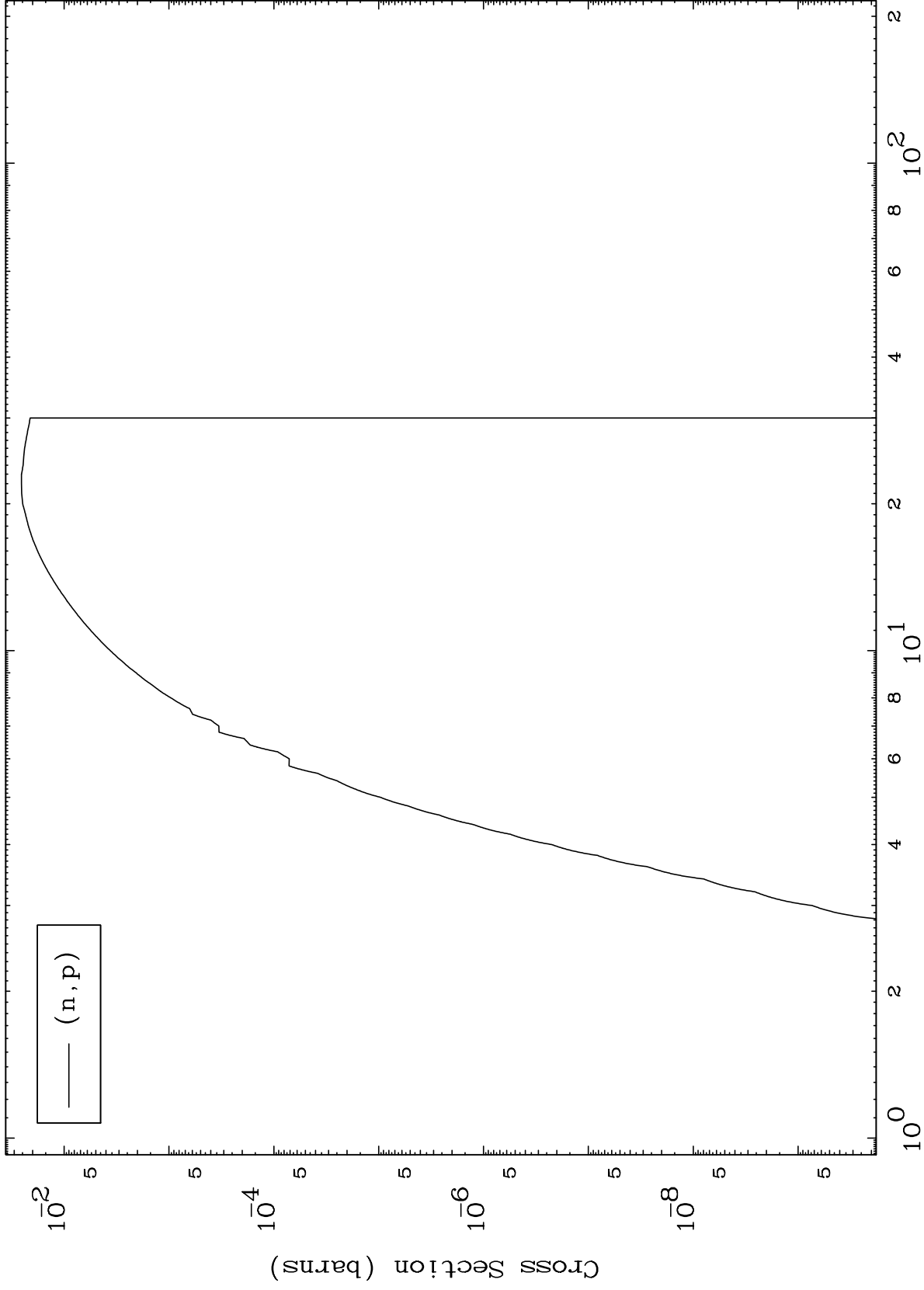
49-In-120



MAT 4946

(n,p) Levels
293 Kelvin Cross Sections

49-In-120



Incident Energy (MeV)

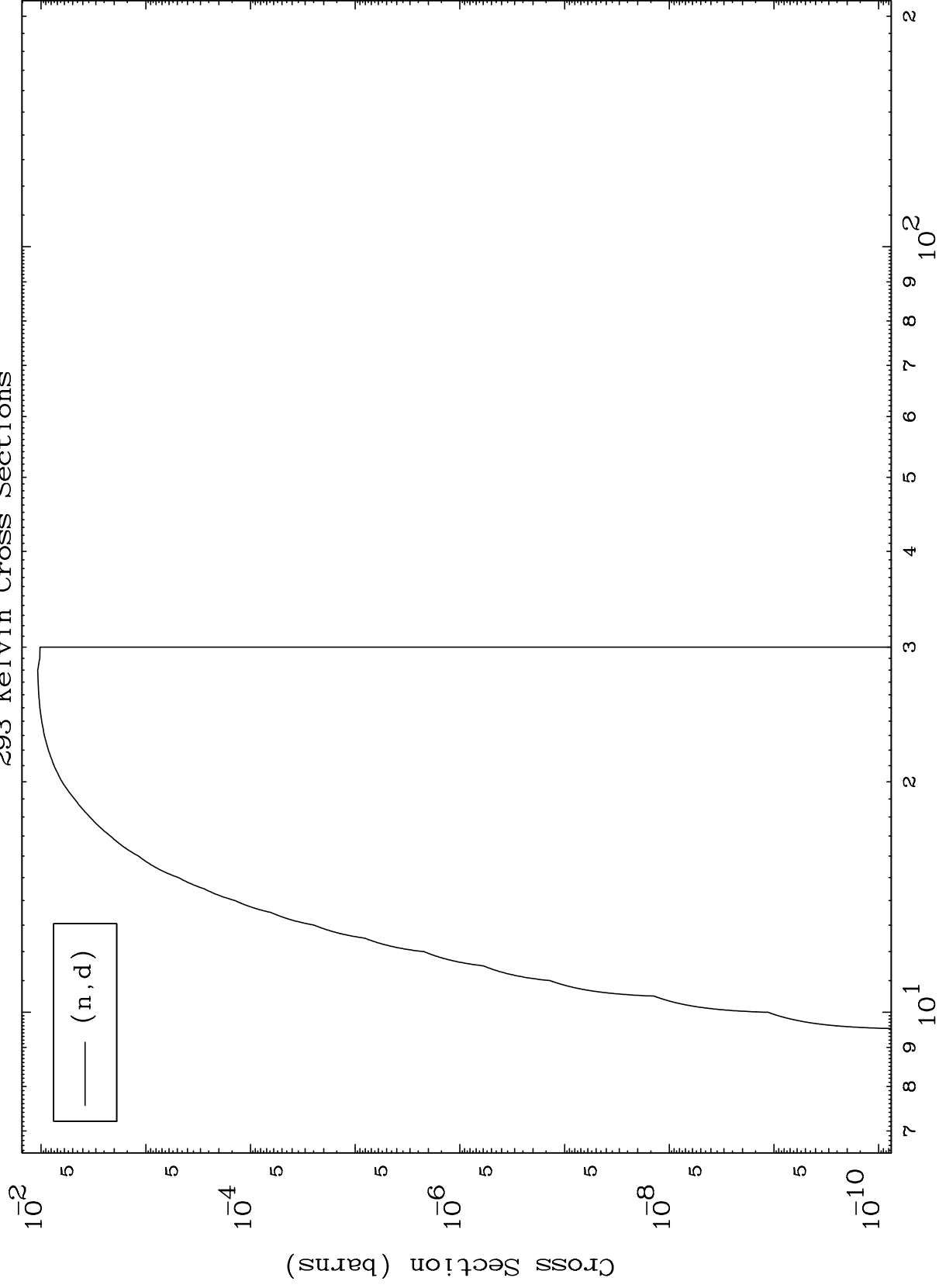
49-In-120

12

MAT 4946

(n,d) Levels
293 Kelvin Cross Sections

49-In-120



13

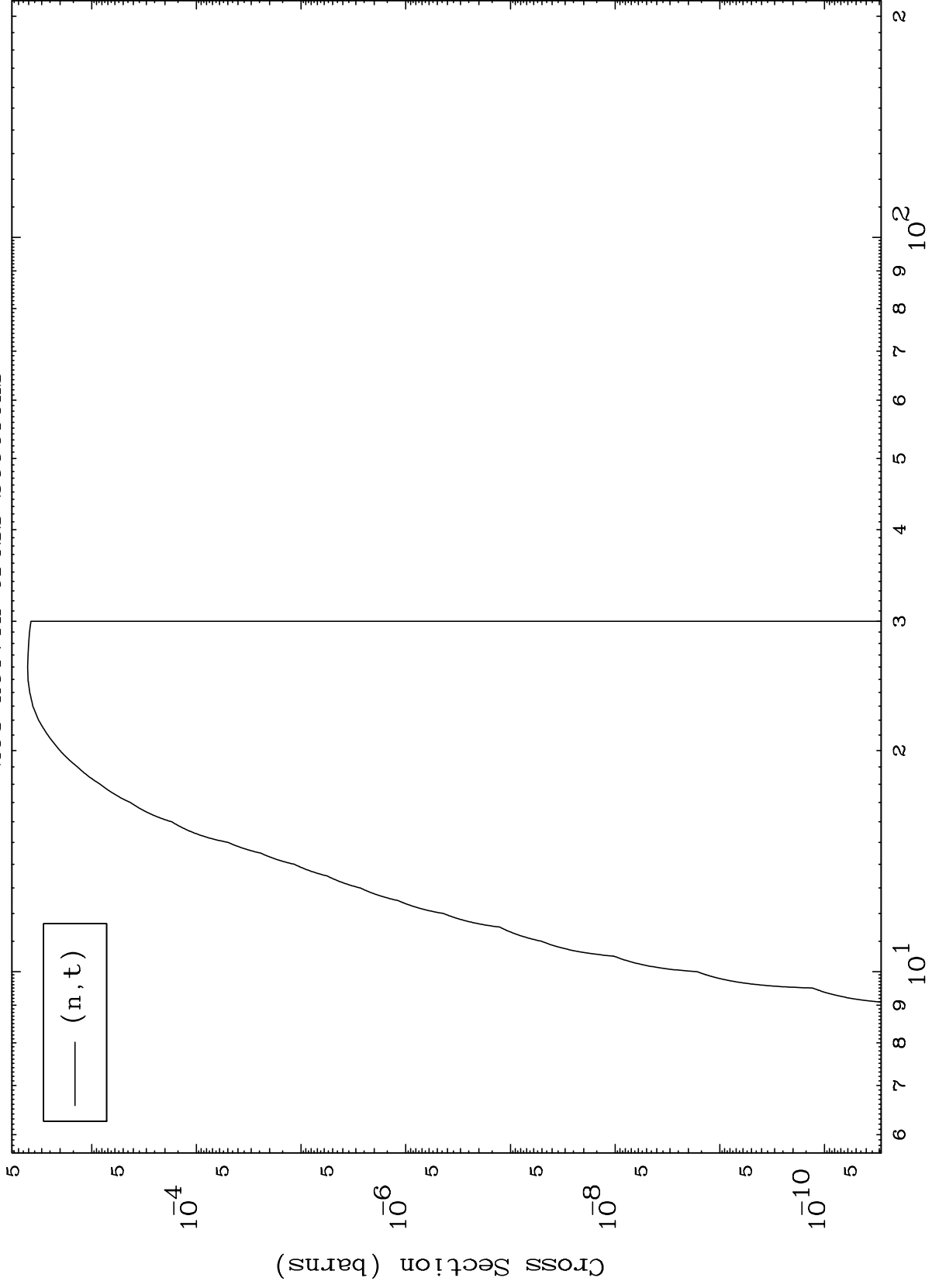
Incident Energy (MeV)

49-In-120

MAT 4946

(n, t) Levels
293 Kelvin Cross Sections

49-In-120



(n, t)

14

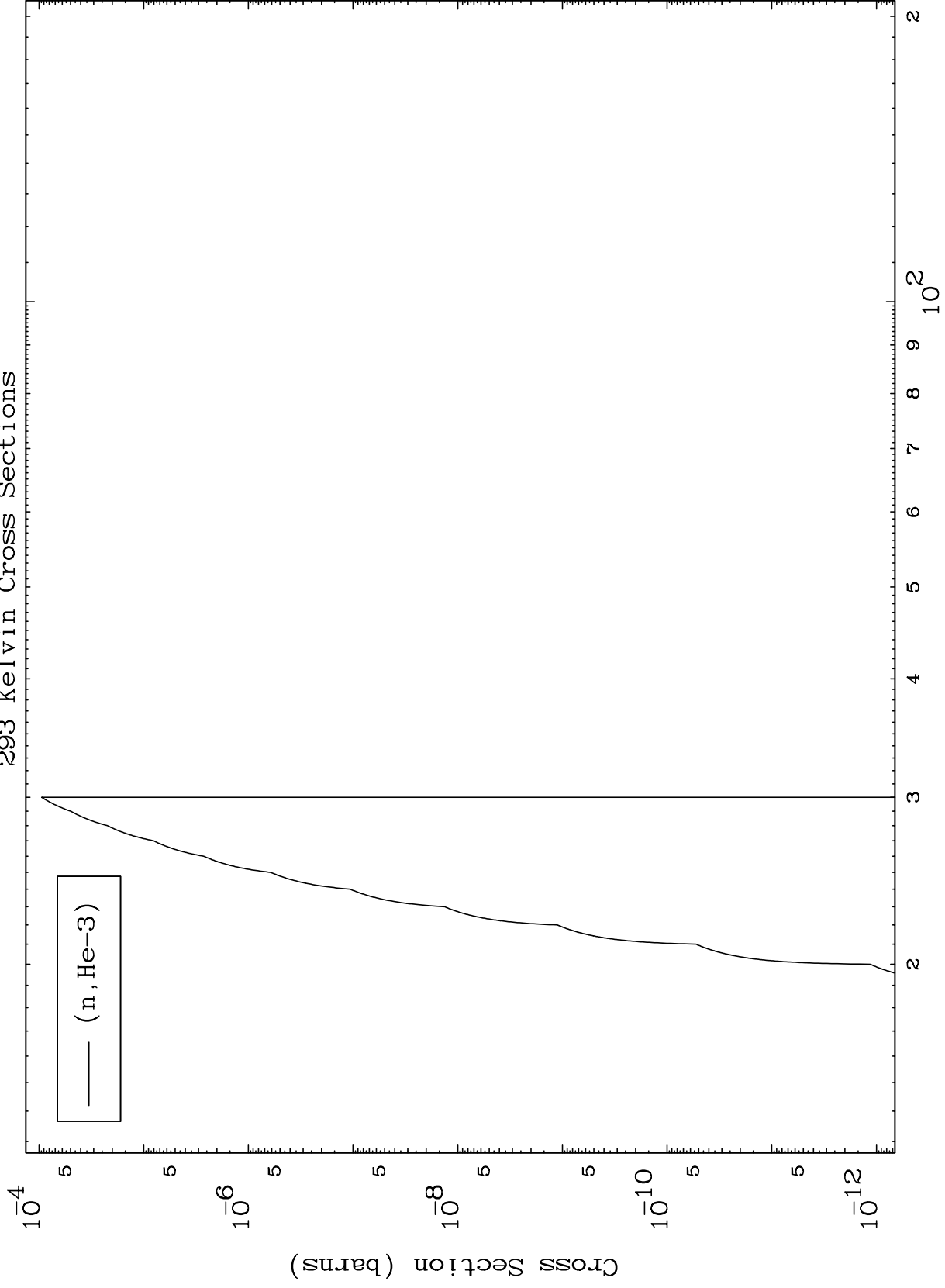
Incident Energy (MeV)

49-In-120

MAT 4946

(n,He3) Levels
293 Kelvin Cross Sections

49-In-120



15

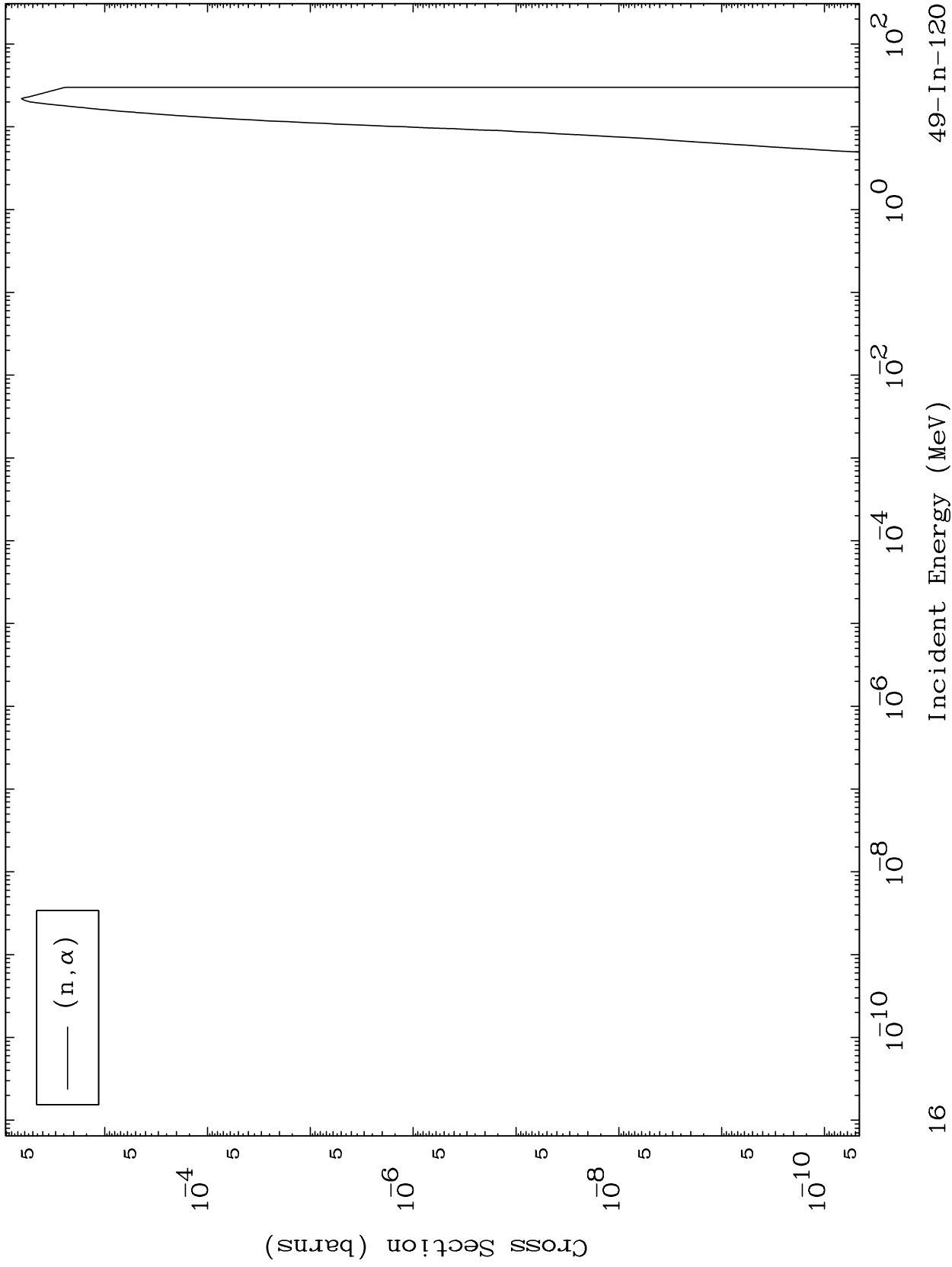
Incident Energy (MeV)

49-In-120

MAT 4946

(n, α) Levels
293 Kelvin Cross Sections

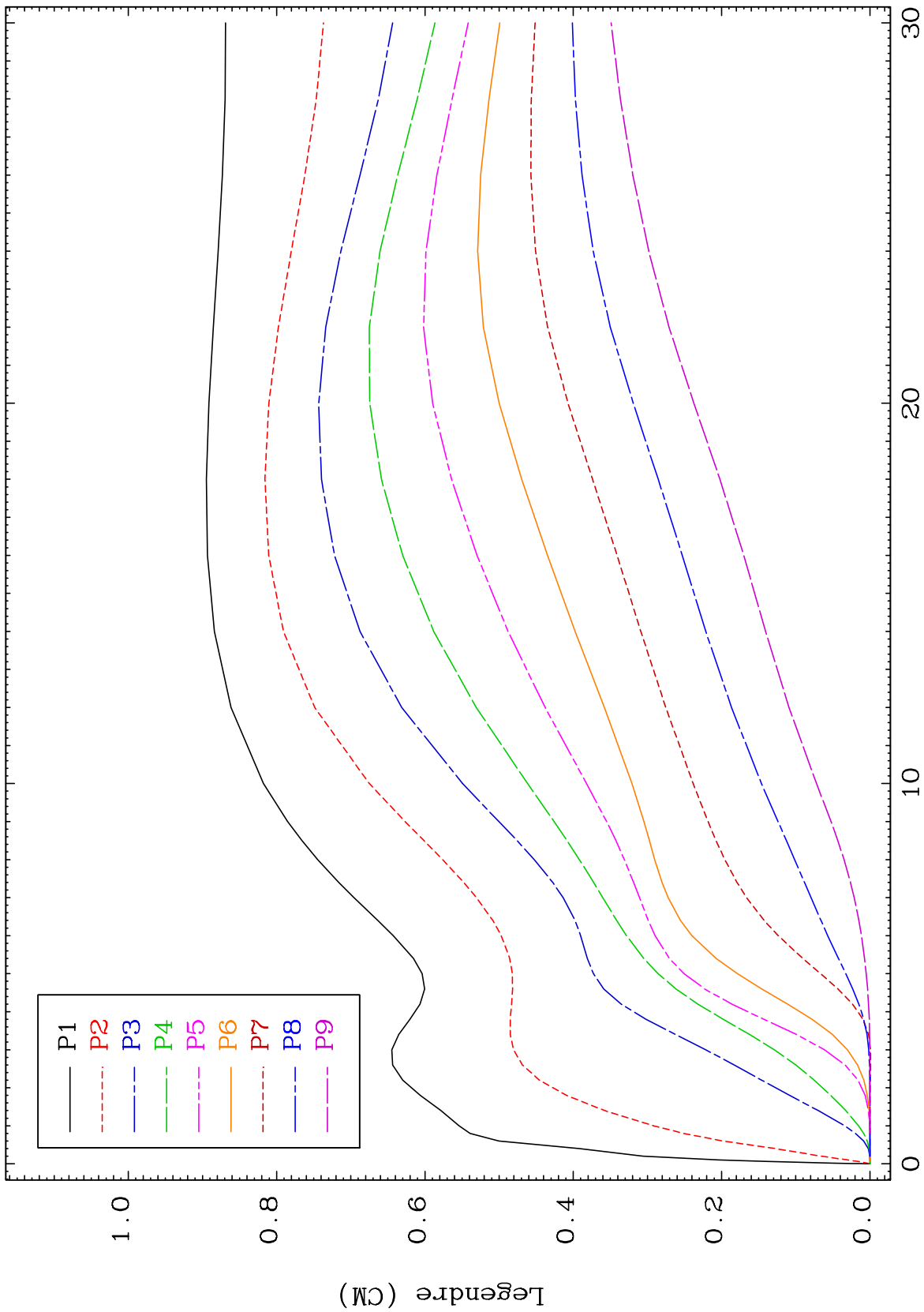
49-In-120



MAT 4946

Elastic Legendre Coefficients

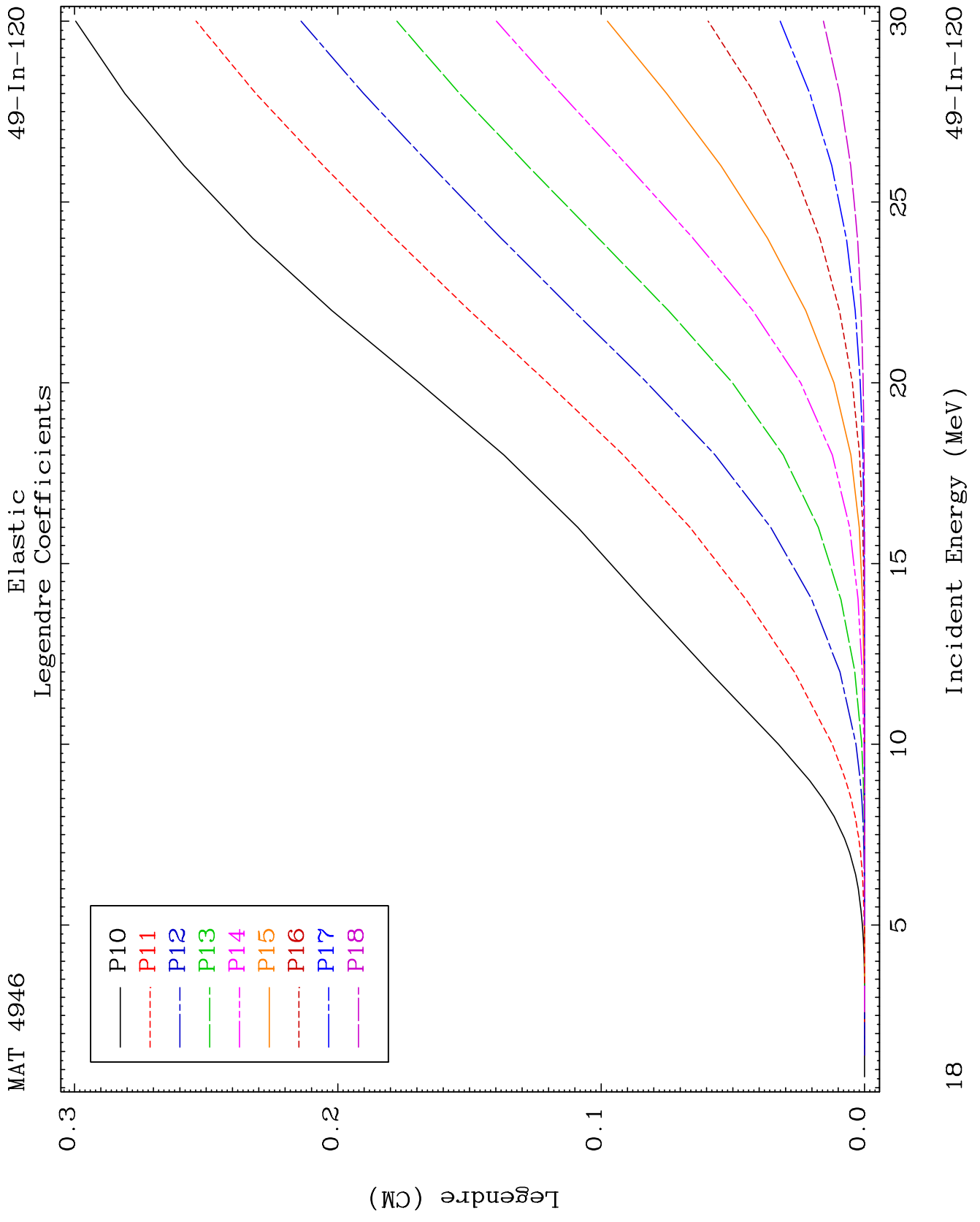
49-In-120



17

Incident Energy (MeV)

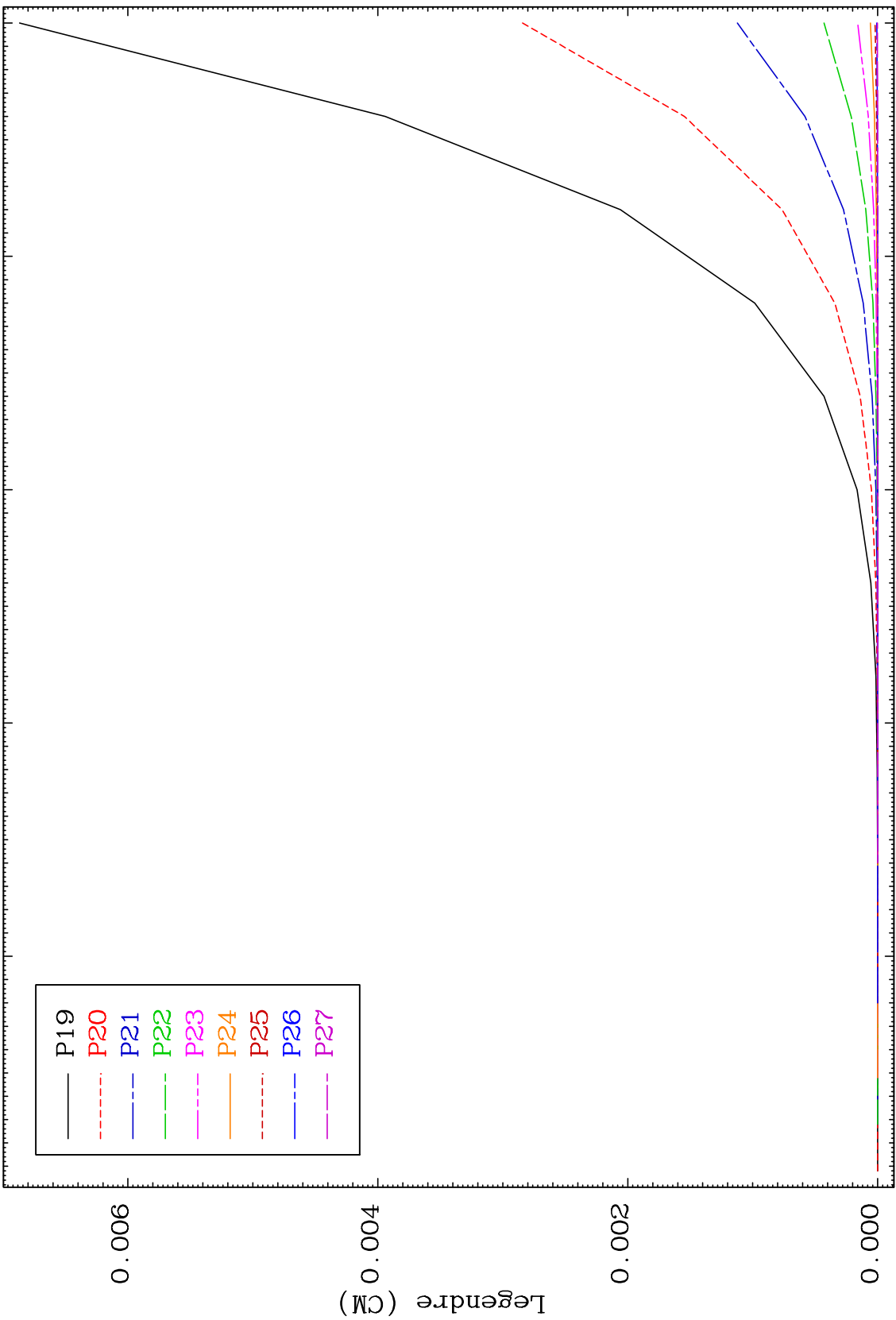
49-In-120



MAT 4946

Elastic Legendre Coefficients

49-In-120



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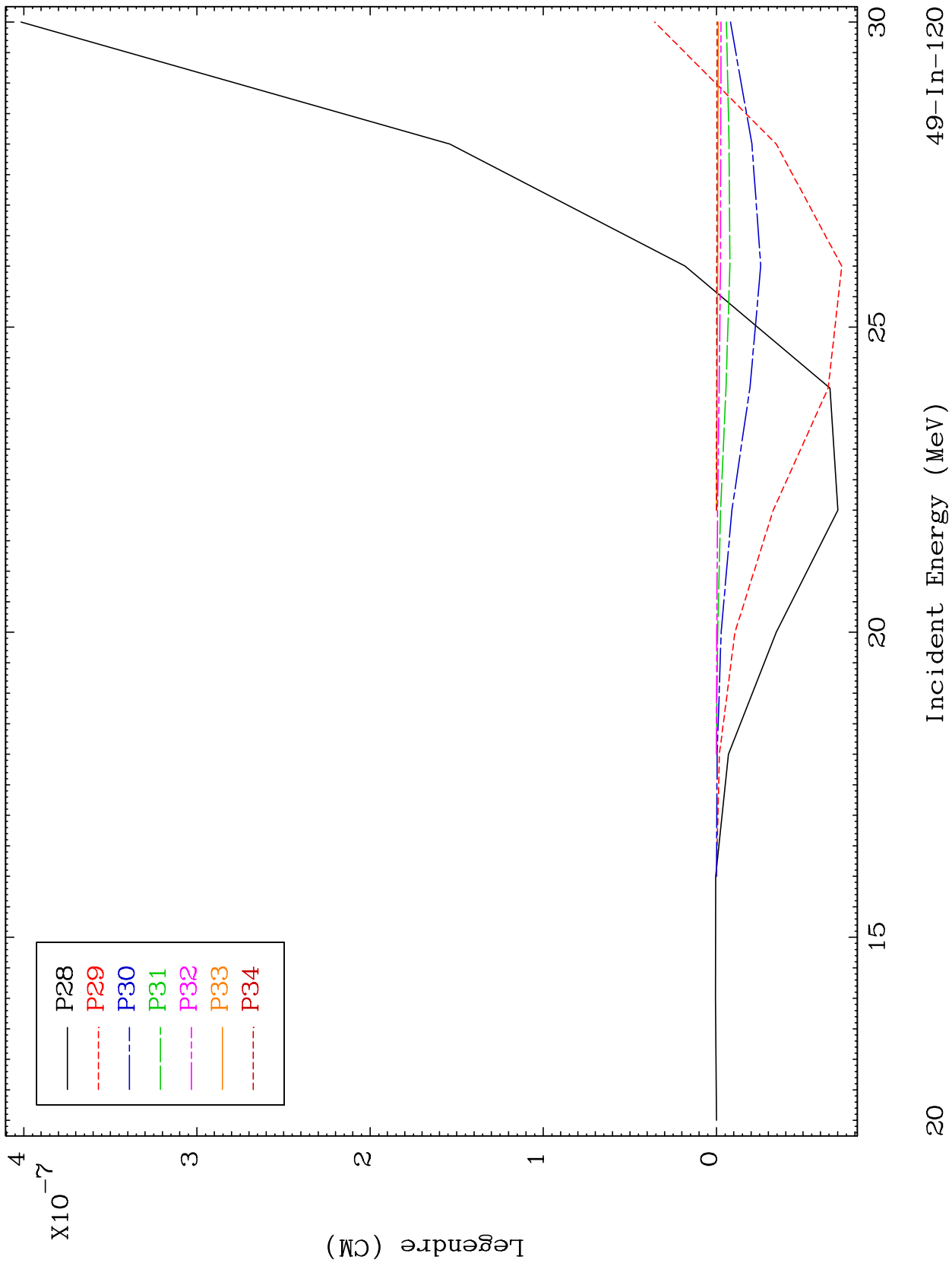
Incident Energy (MeV)

49-In-120

MAT 4946

Elastic Legendre Coefficients

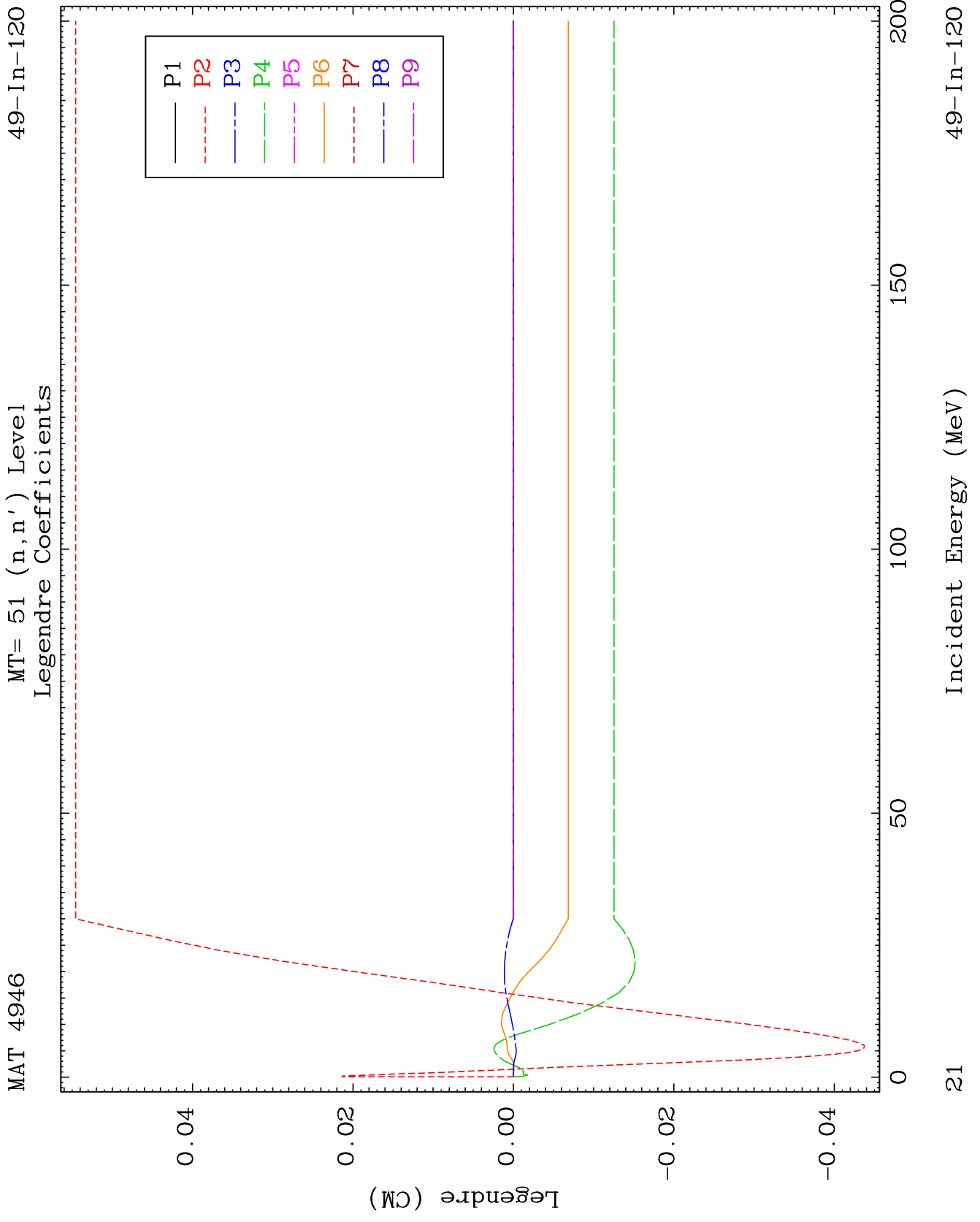
49-In-120



20

Incident Energy (MeV)

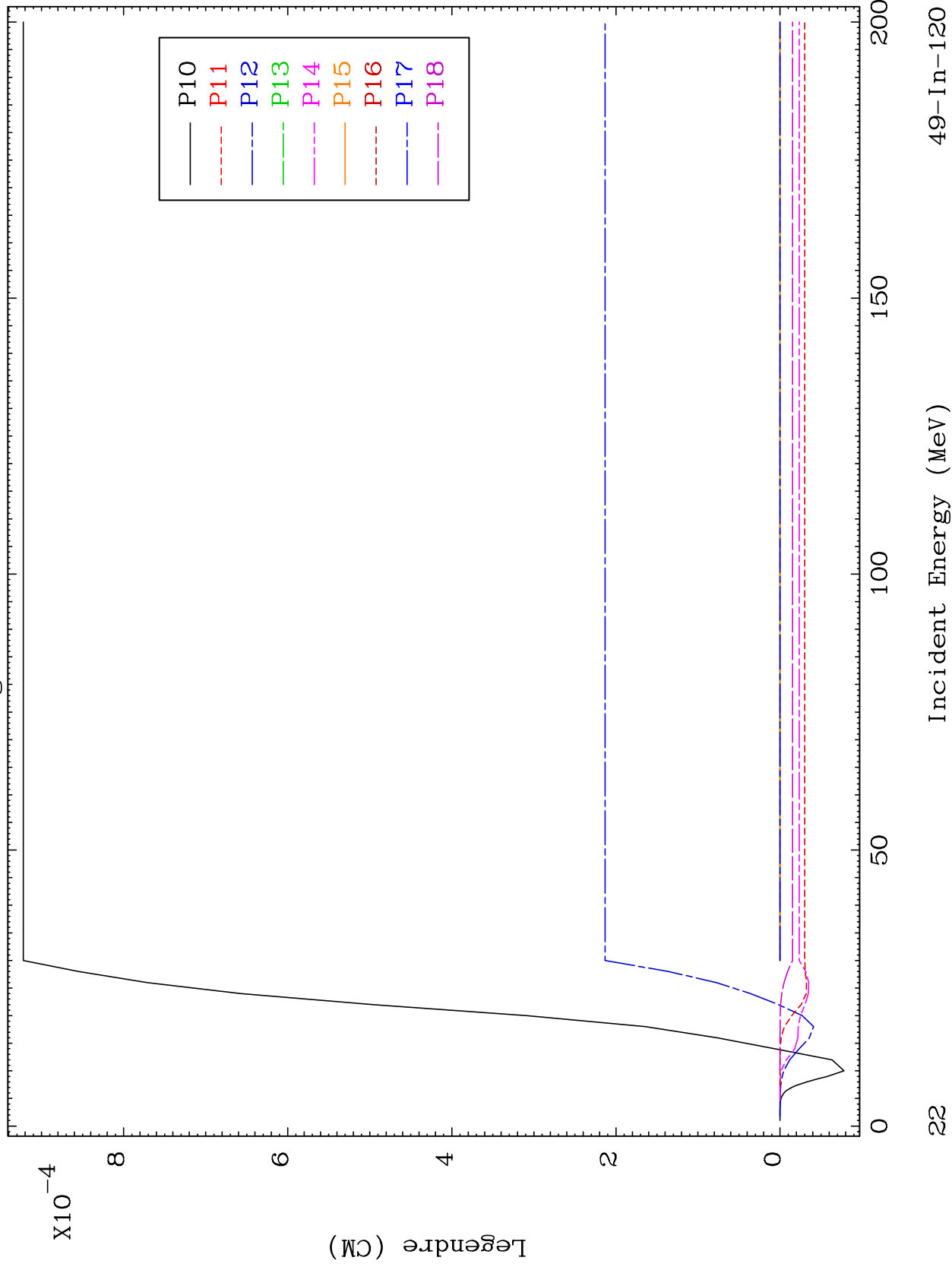
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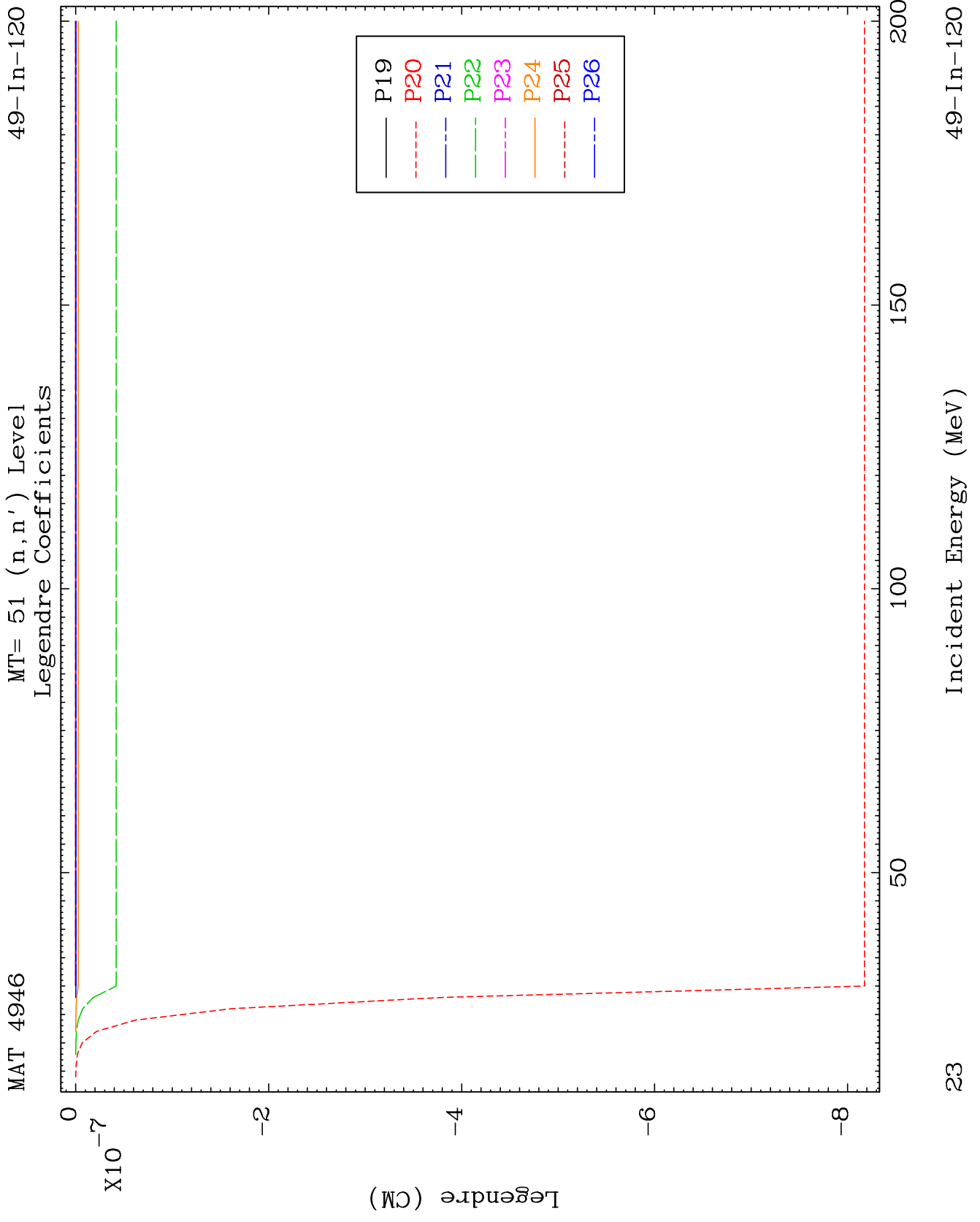


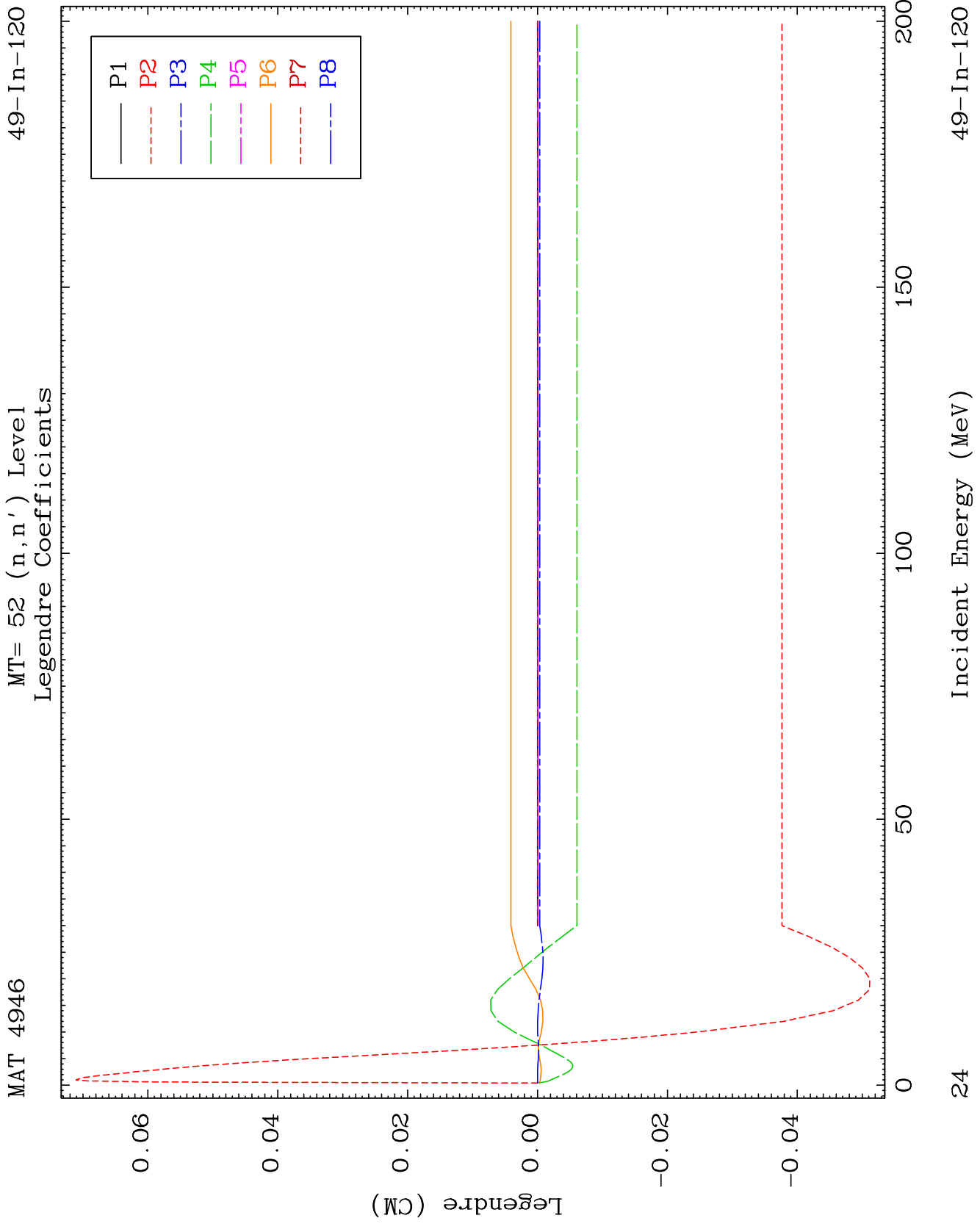
MAT 4946

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

49-In-120



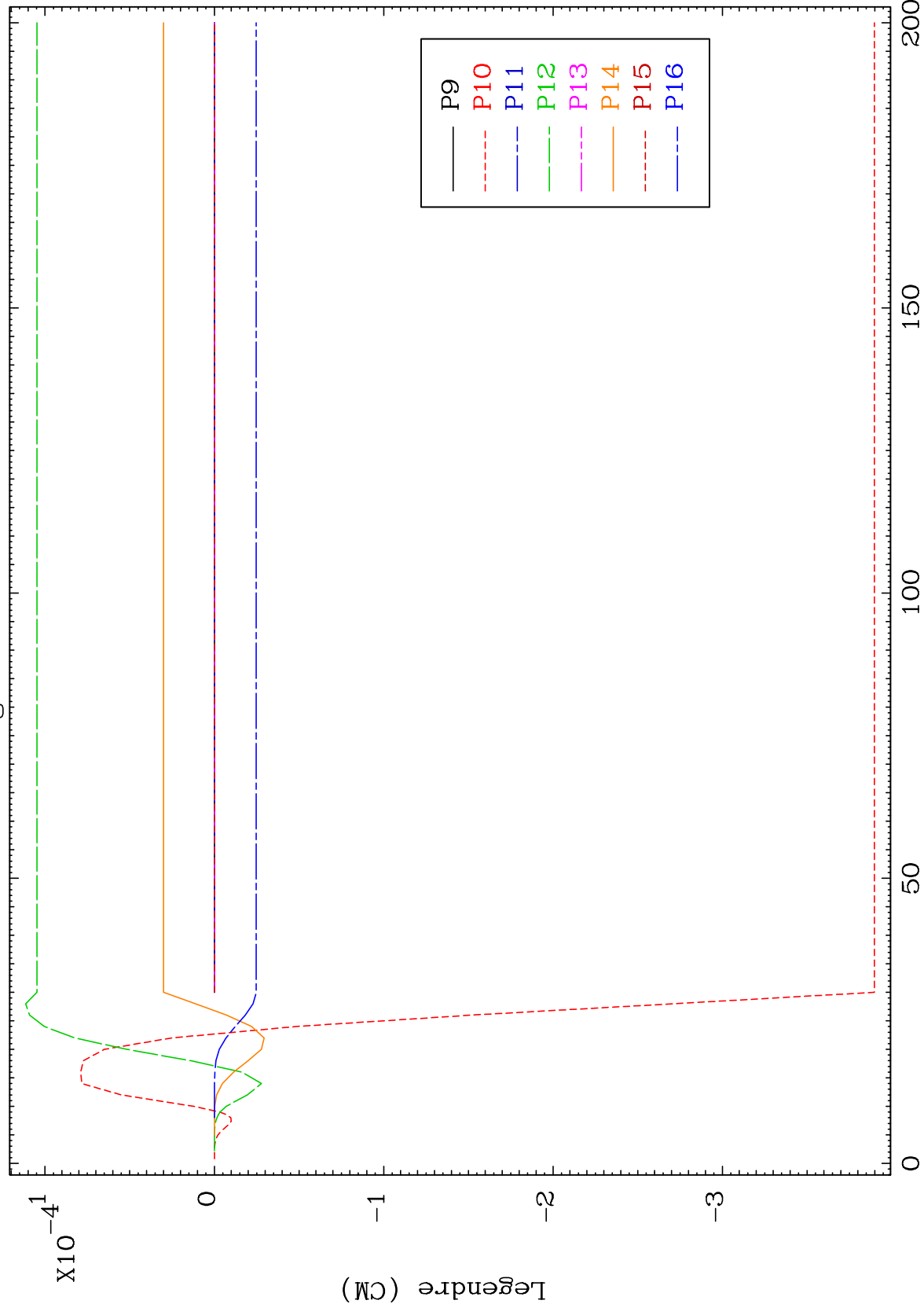




MAT 4946

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

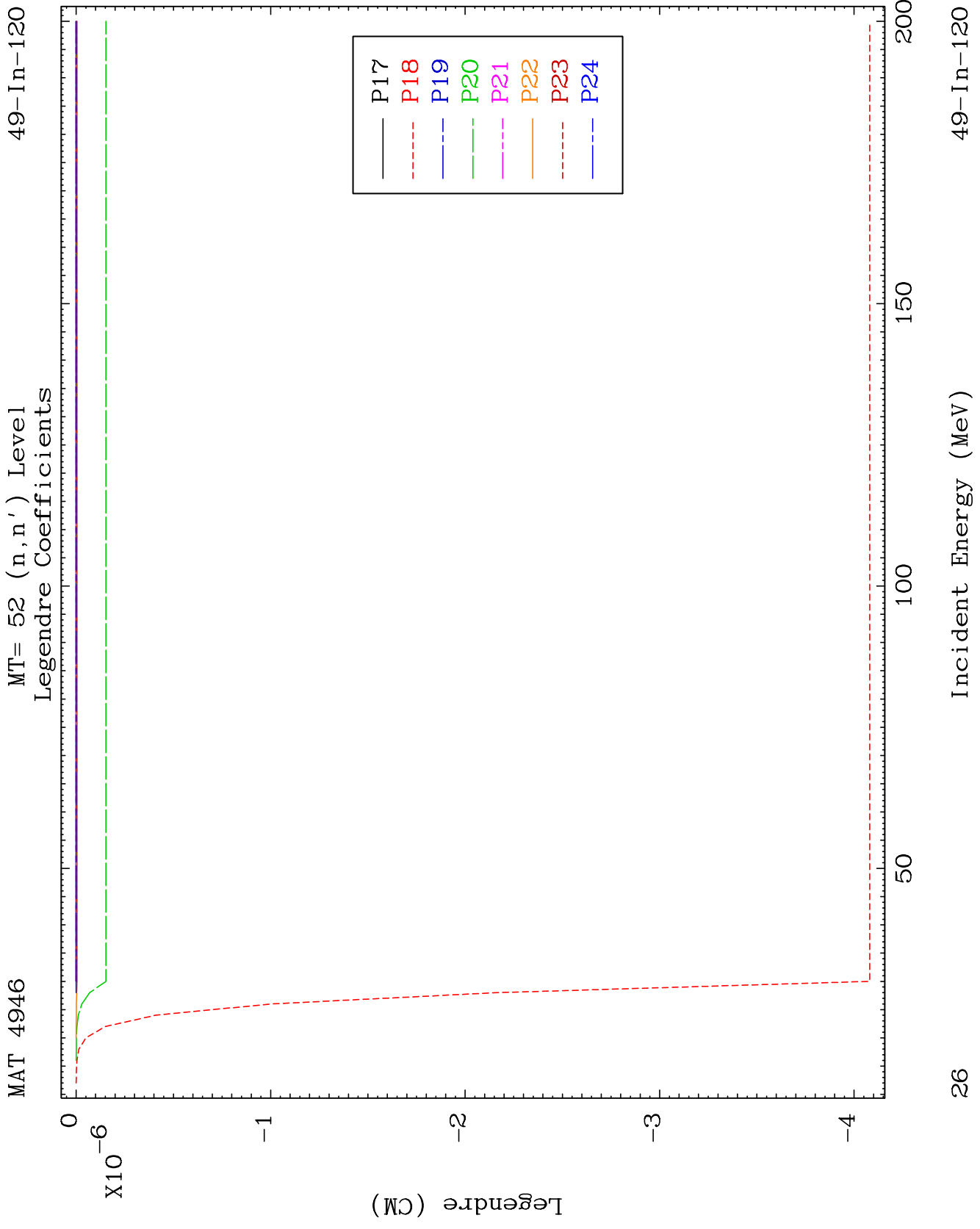
49-In-120

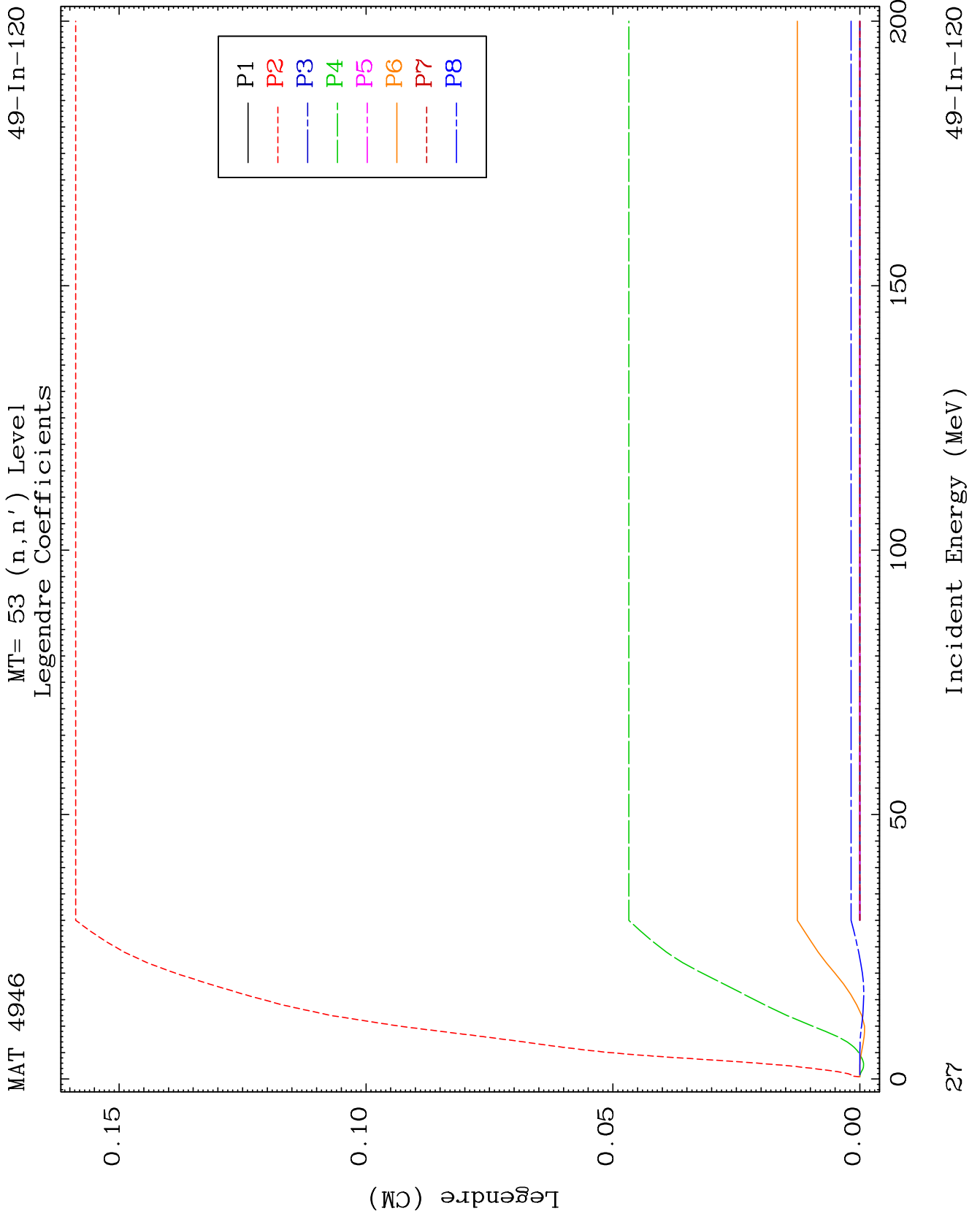


49-In-120

Incident Energy (MeV)

25

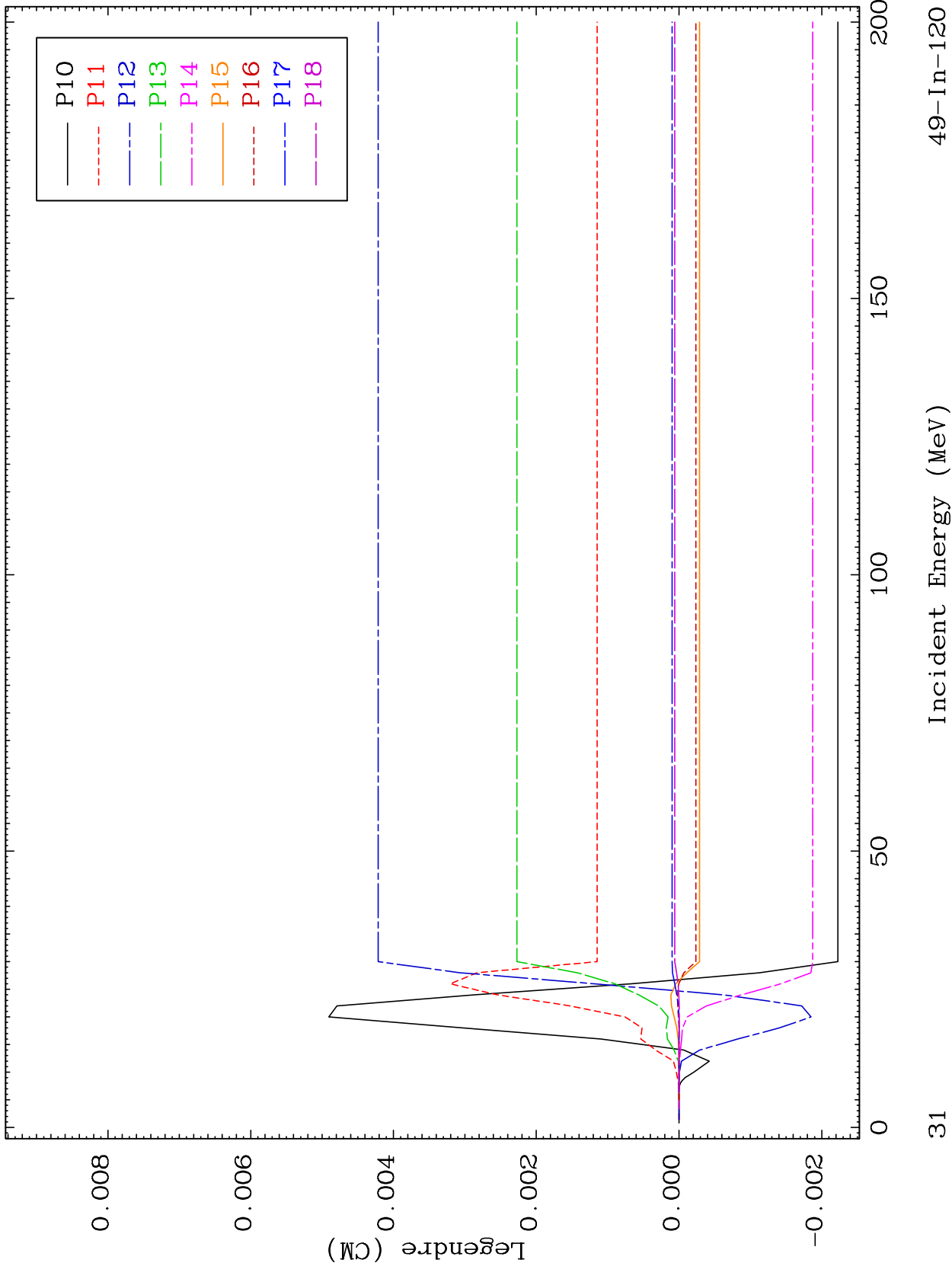




MAT 4946

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

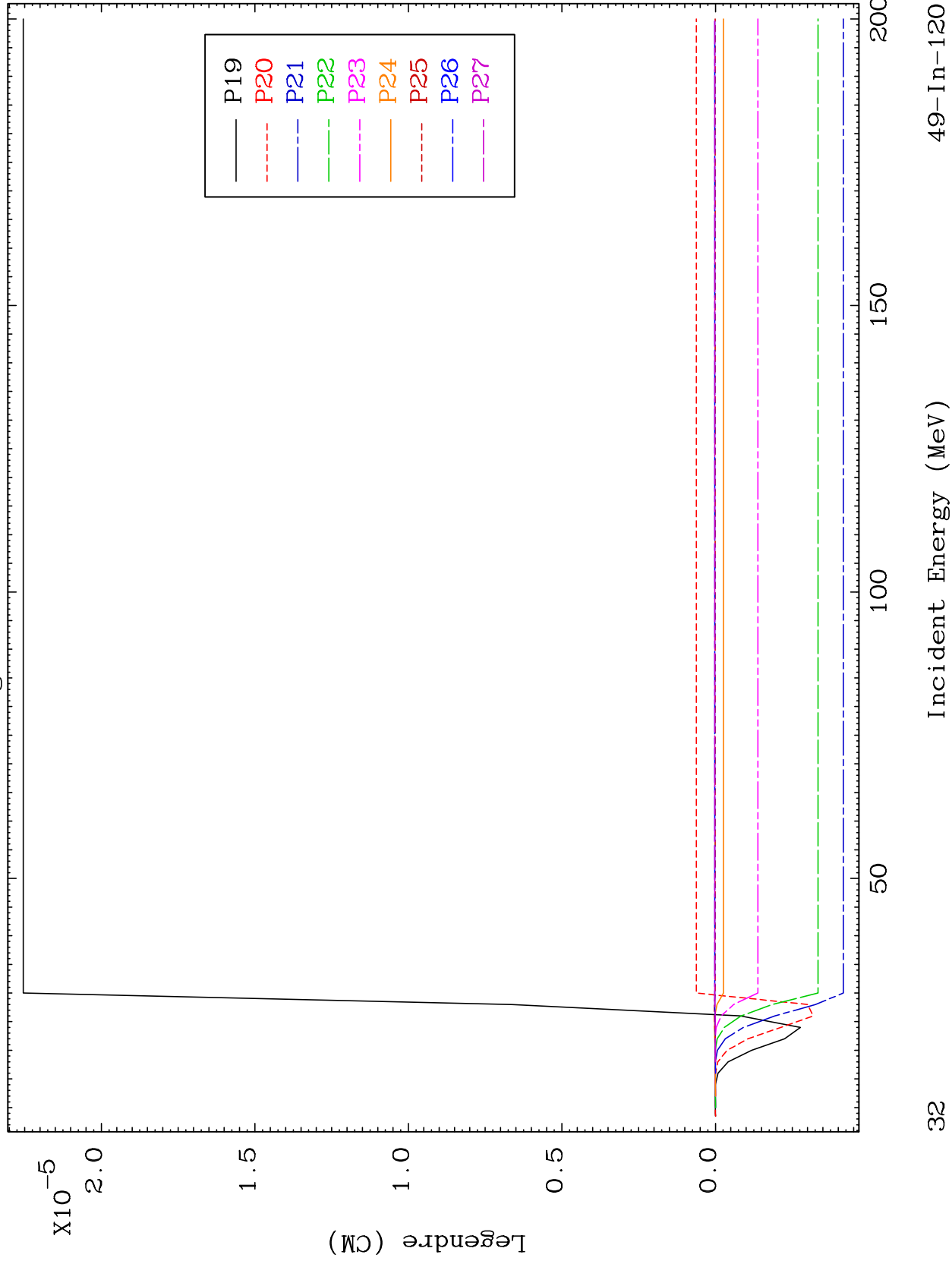
49-In-120



MAT 4946

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

49-In-120



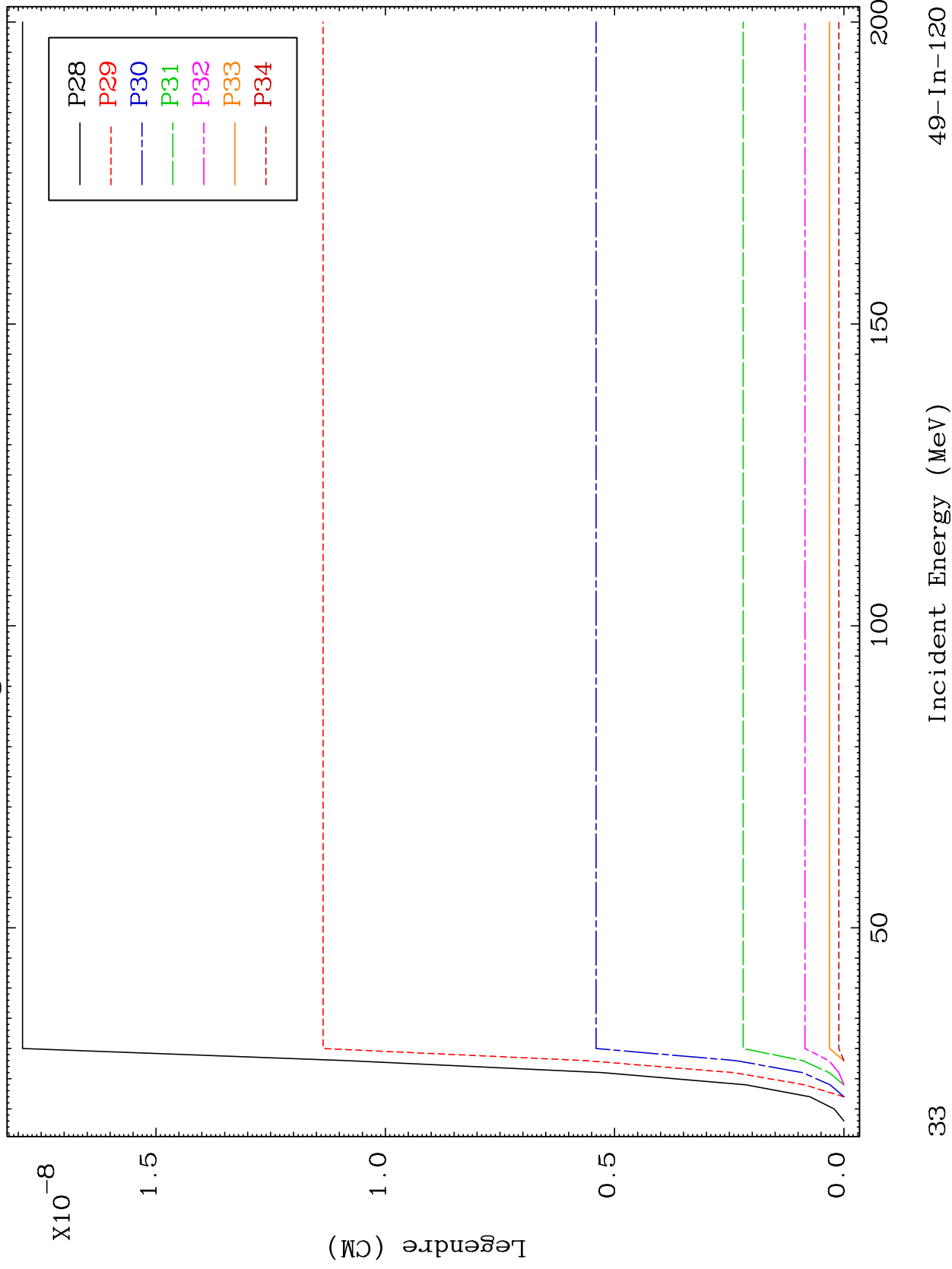
32

49-In-120

MAT 4946

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

49-In-120



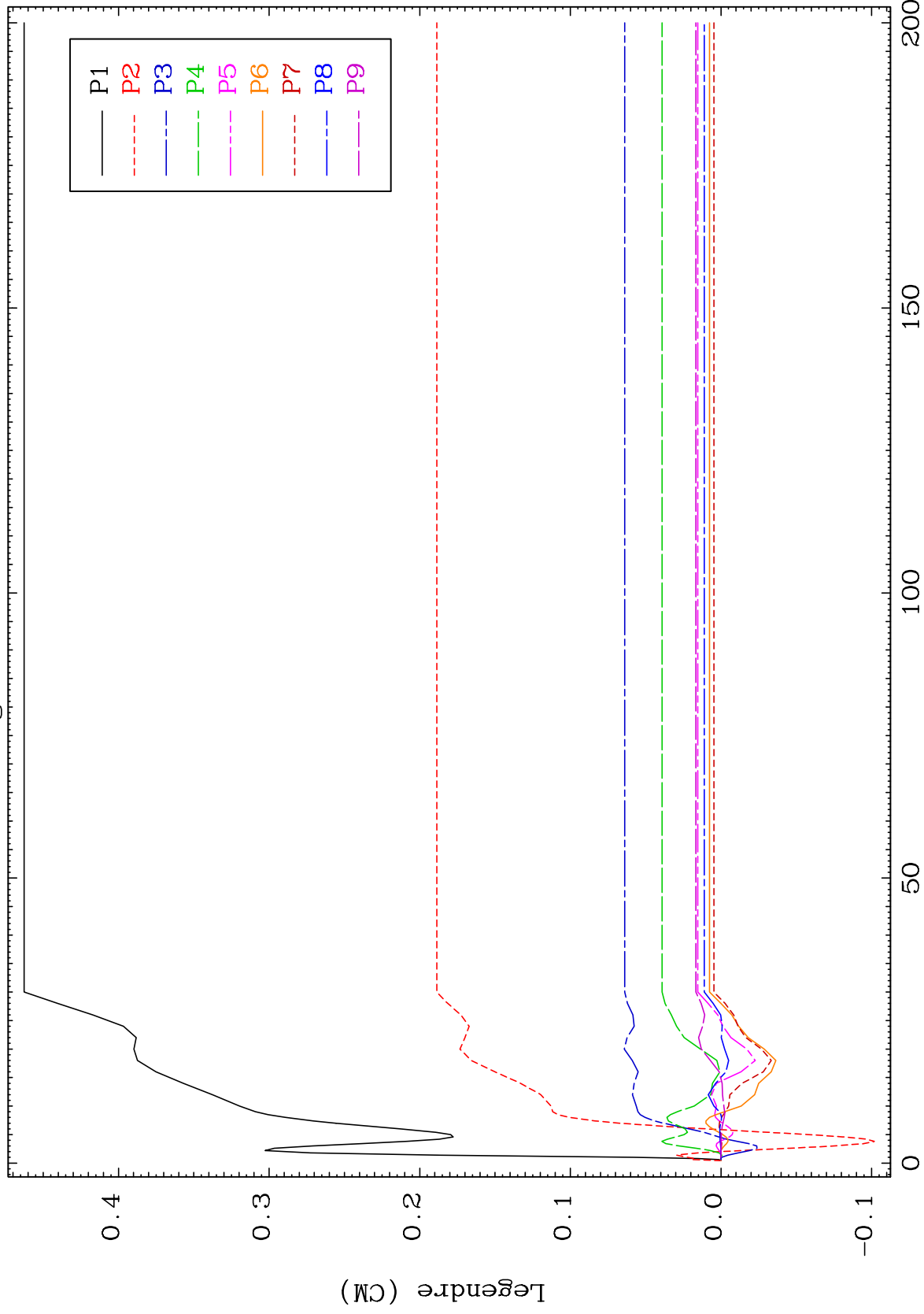
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49-In-120

MAT 4946

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

49-In-120



34

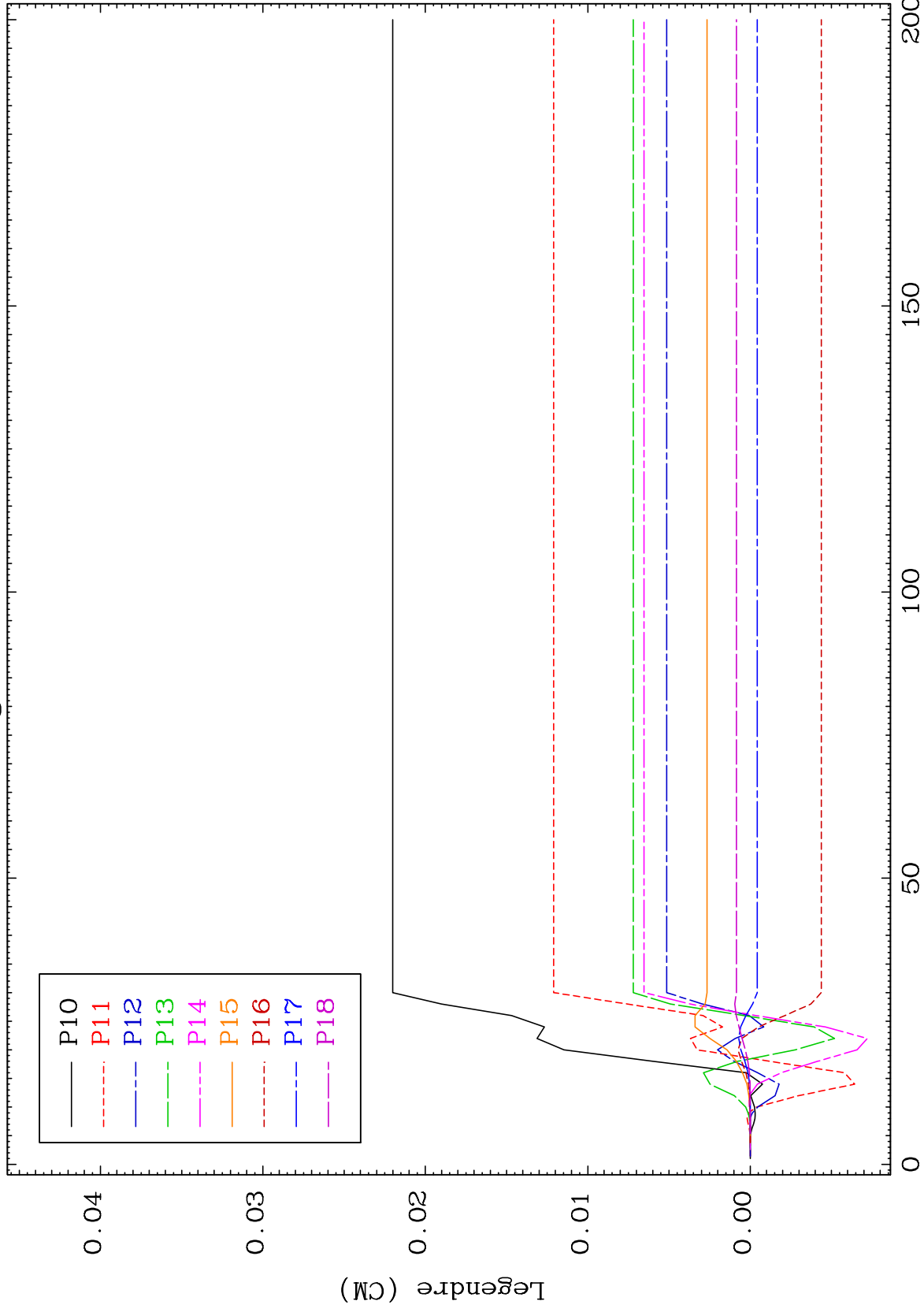
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



35

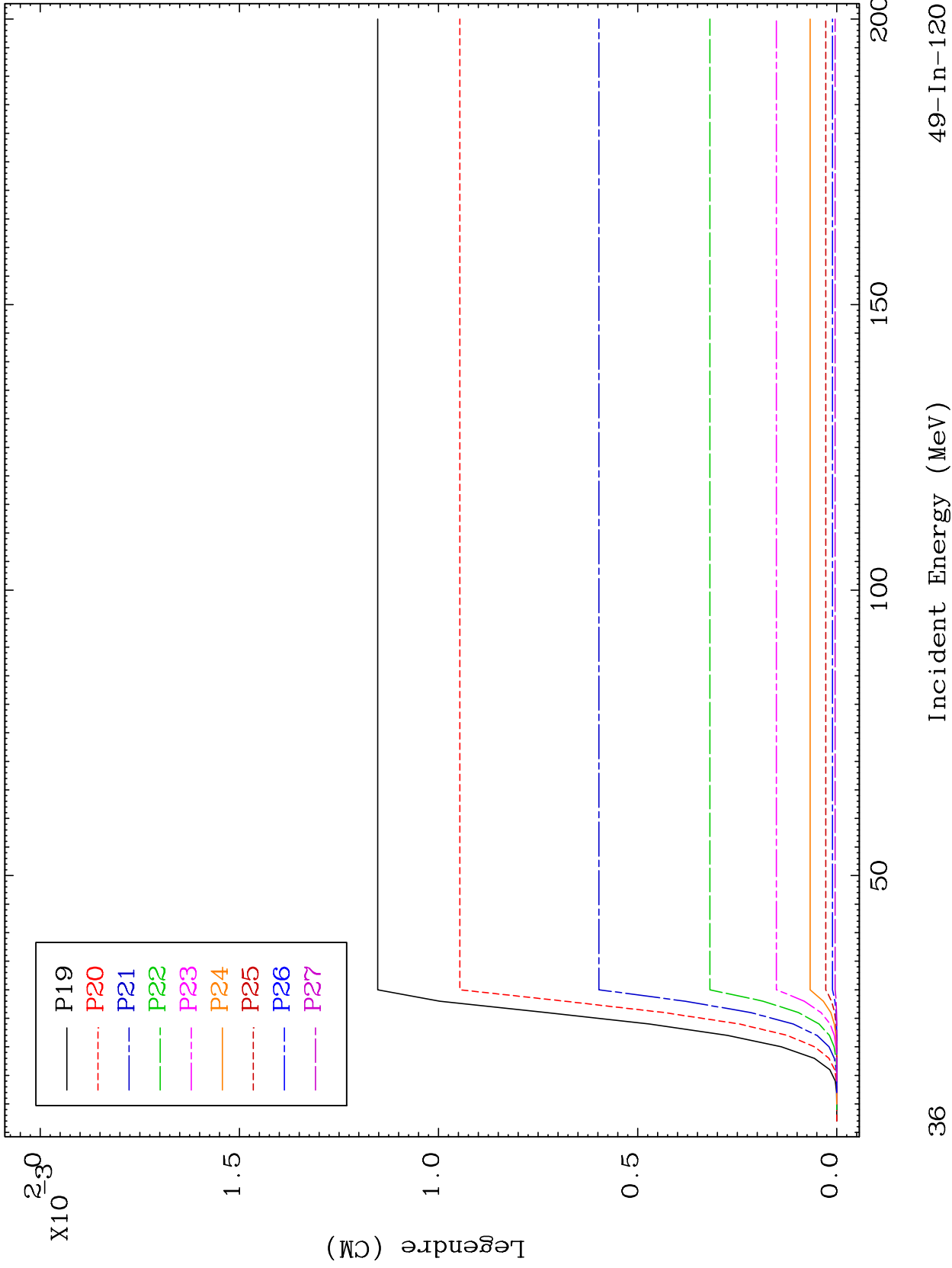
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

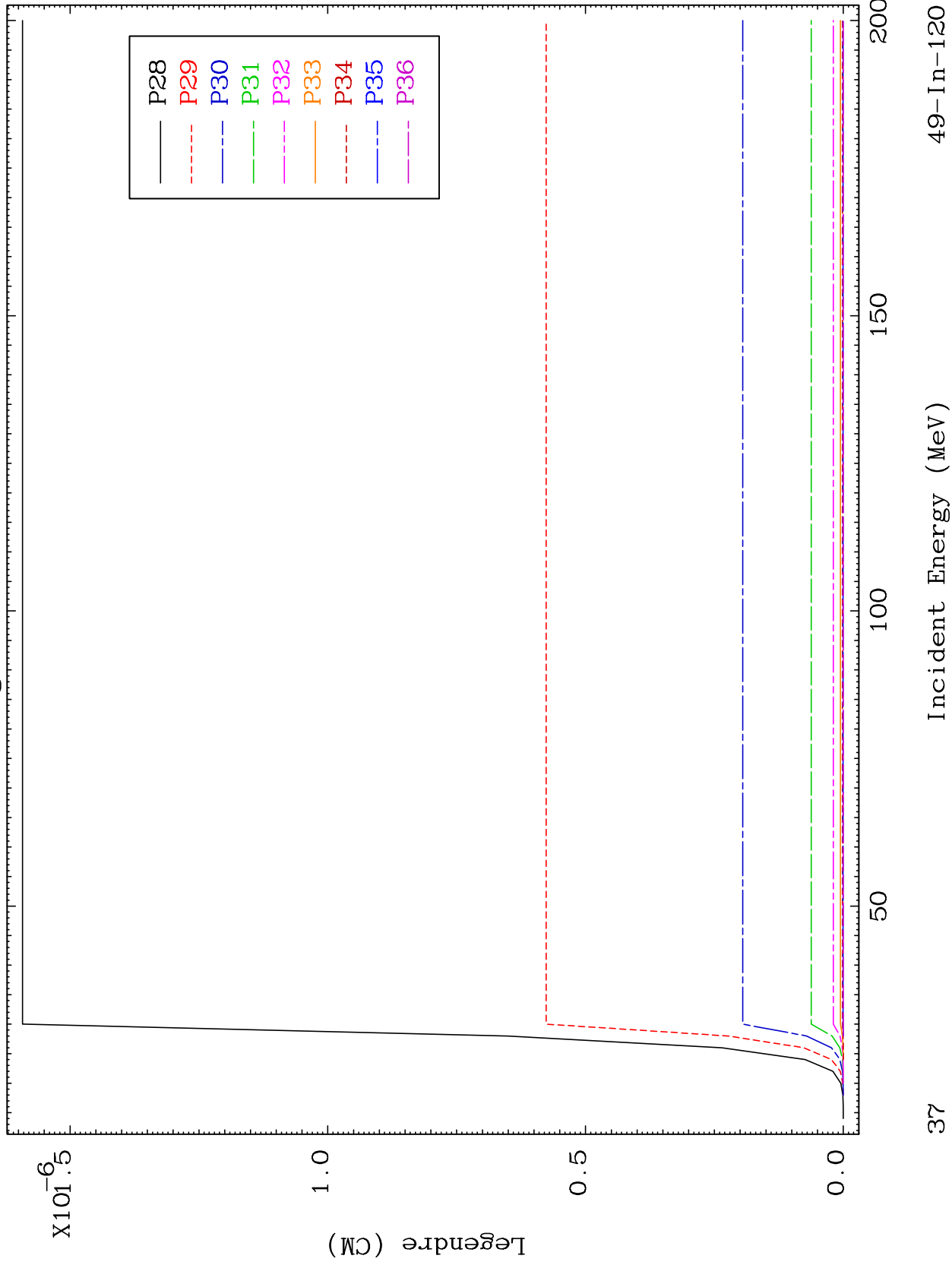


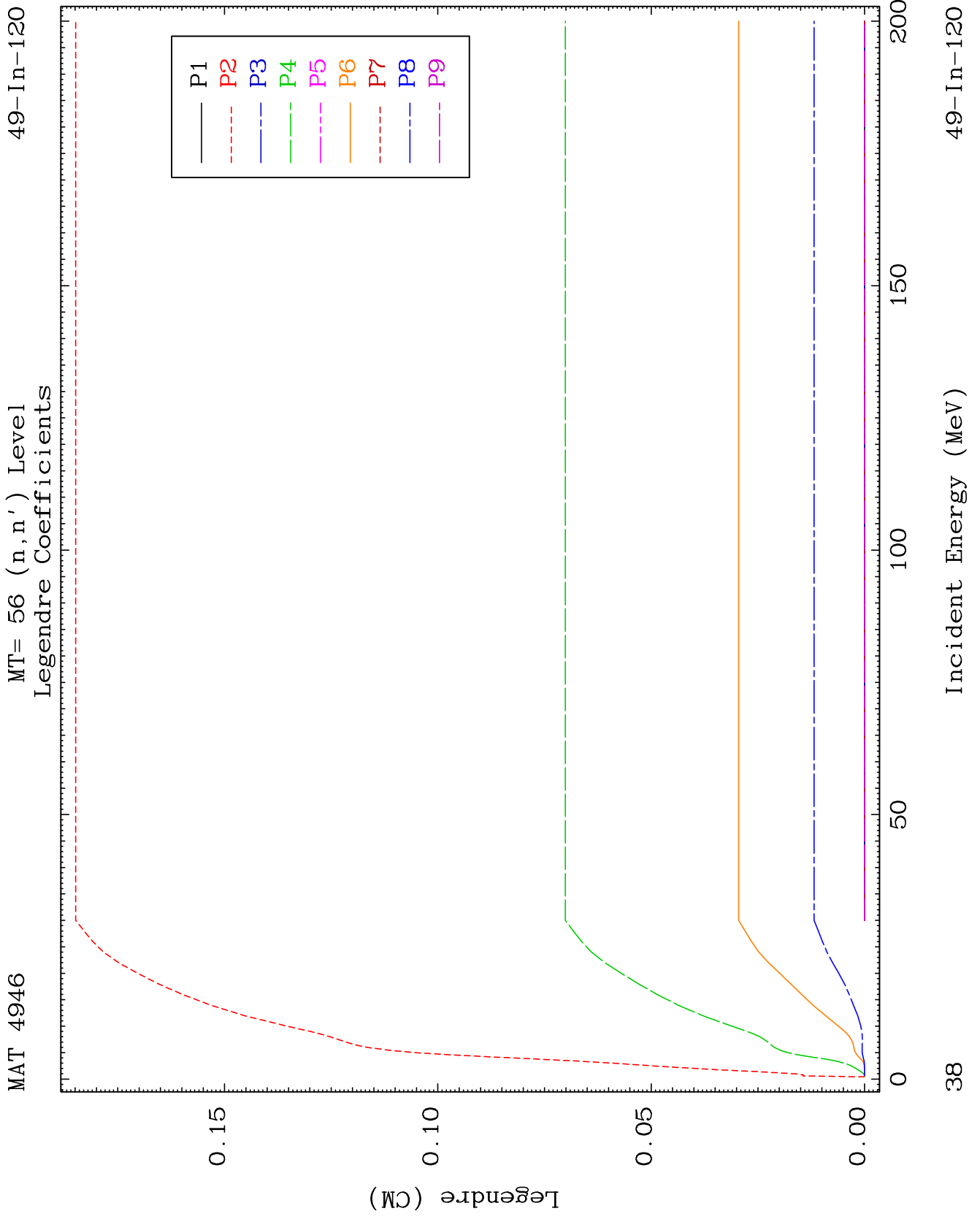
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MAT 4946

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

49-In-120

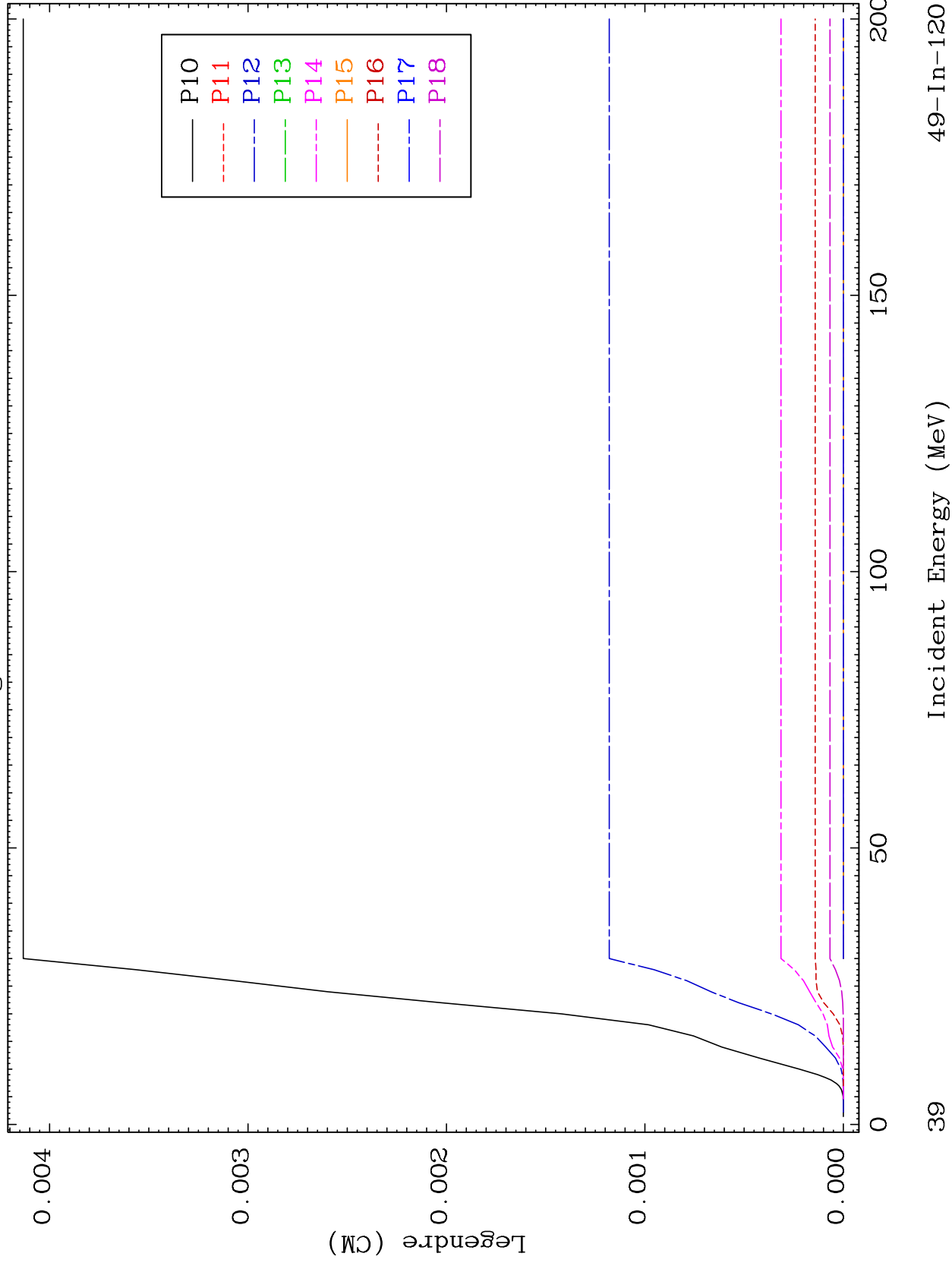




MAT 4946

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

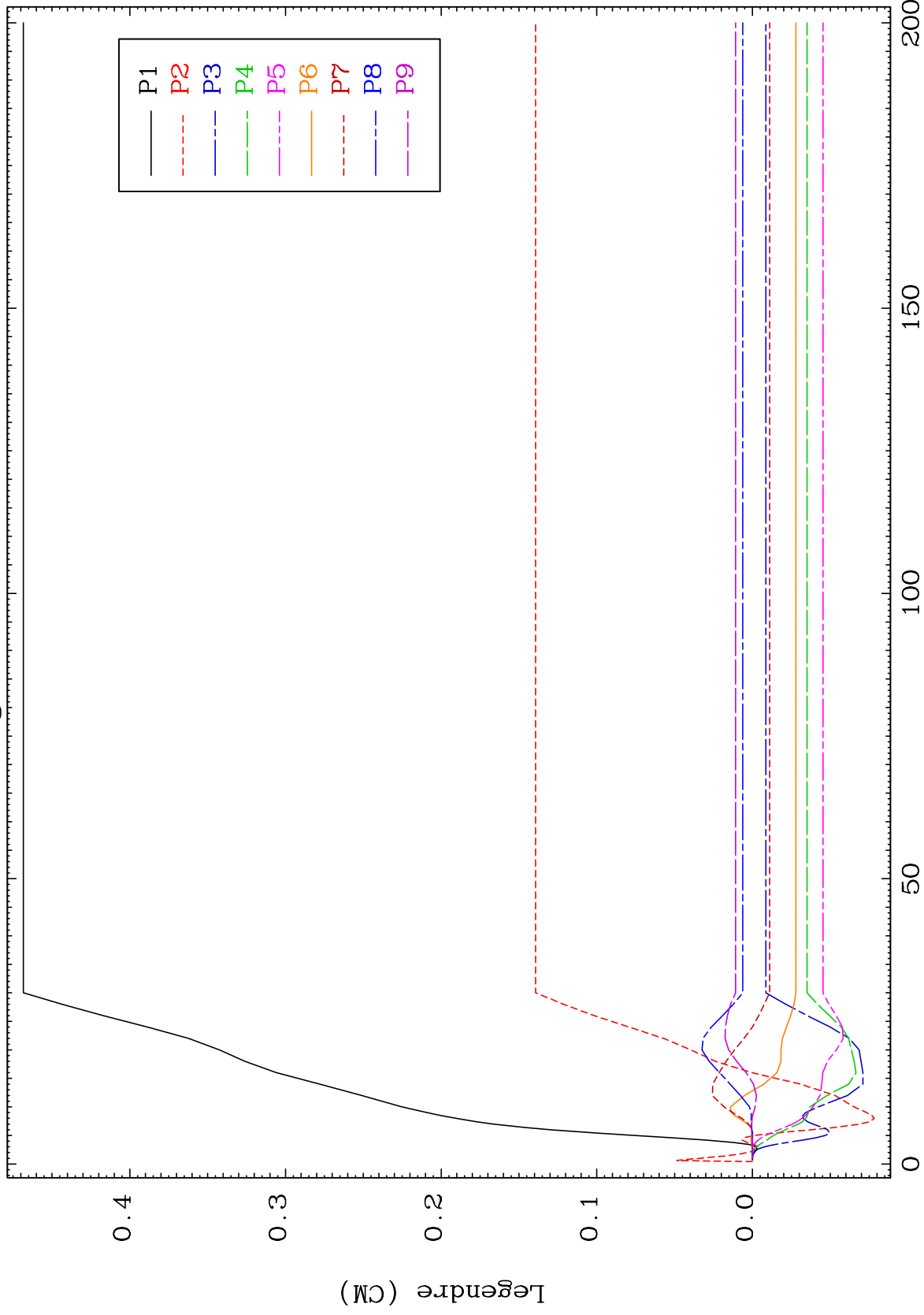
49-In-120



MAT 4946

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

49-In-120



41

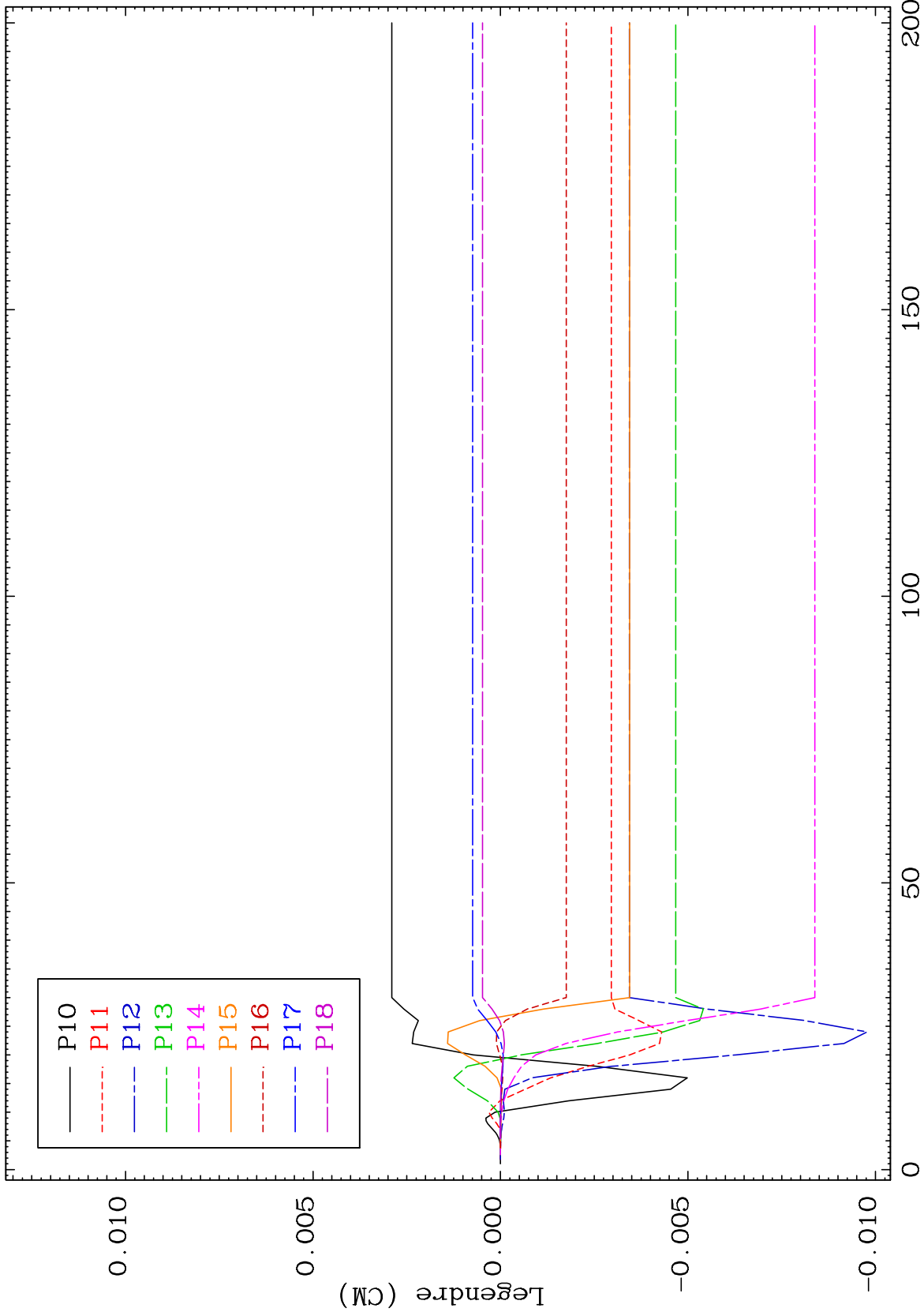
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



42

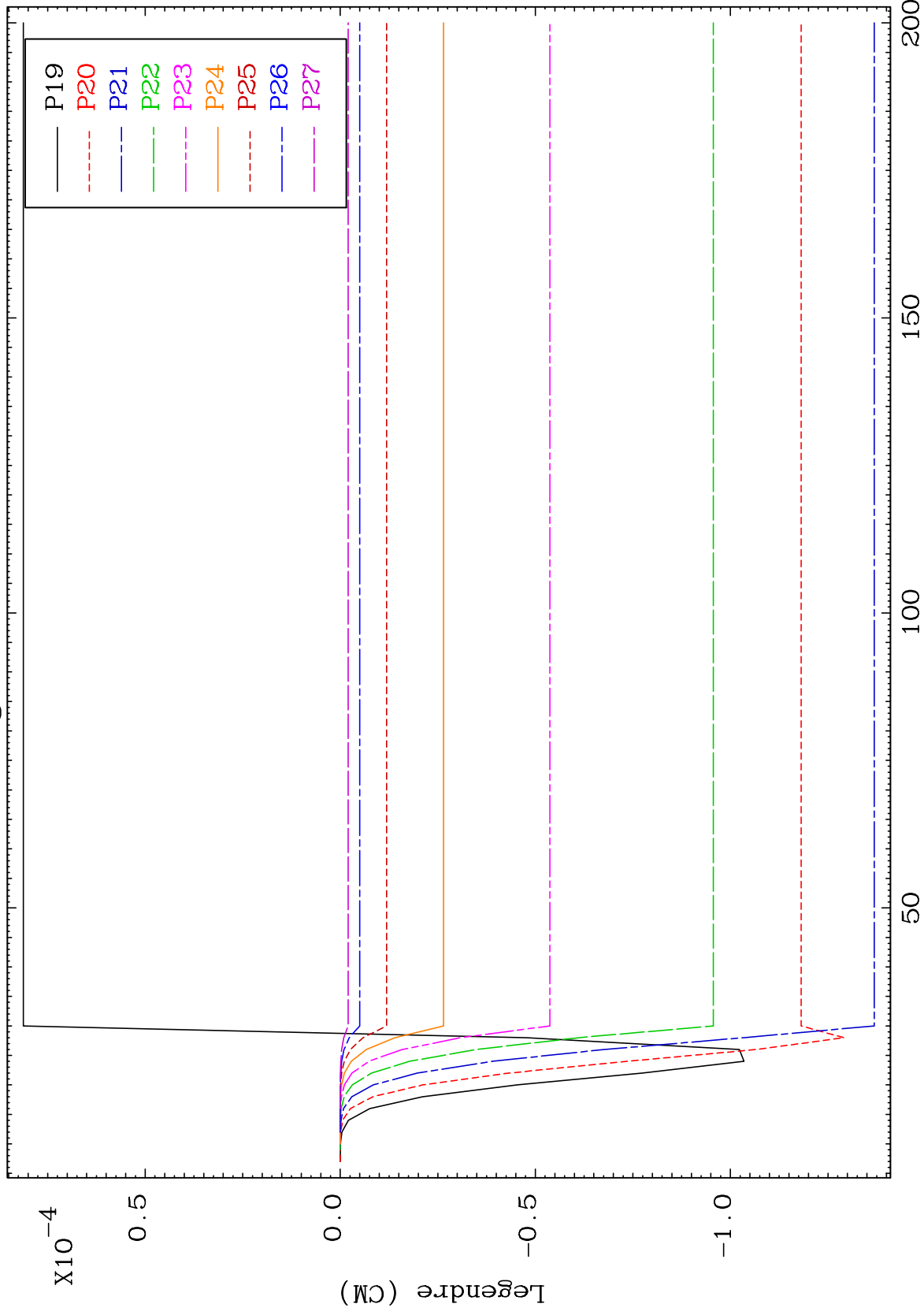
Incident Energy (MeV)

49-In-120

MAT 4946

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

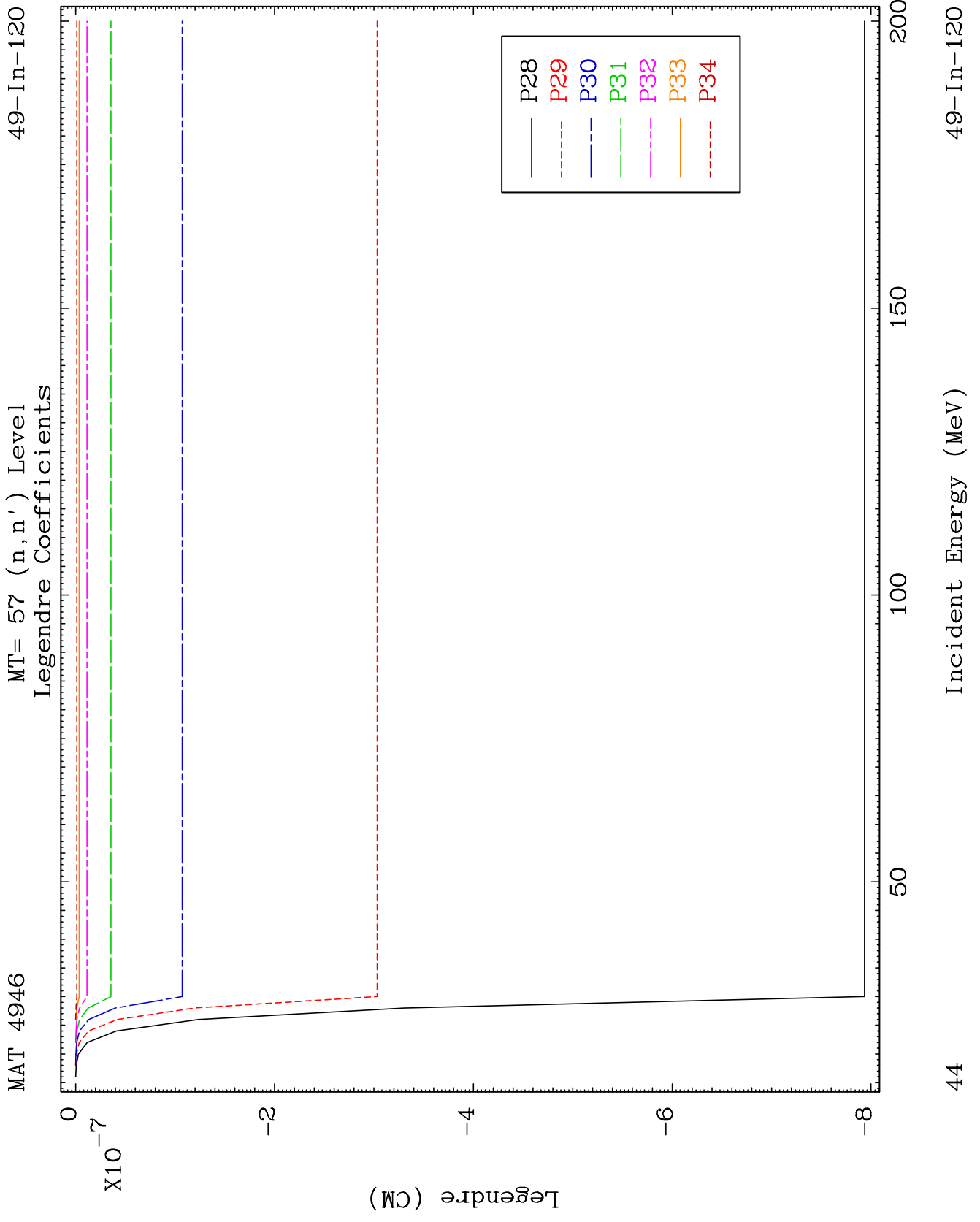
49-In-120



43

Incident Energy (MeV)

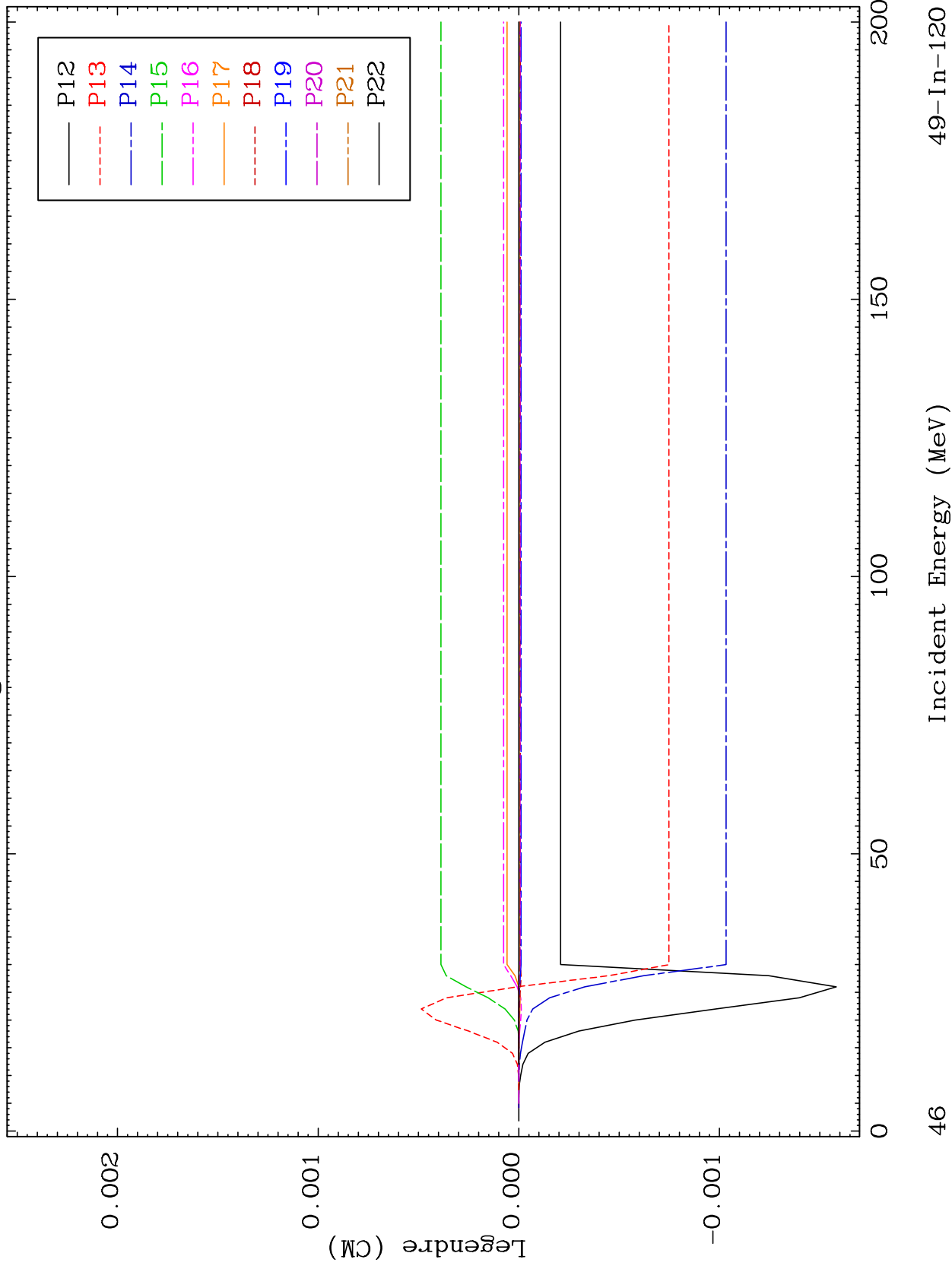
49-In-120



MAT 4946

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

49-In-120



46

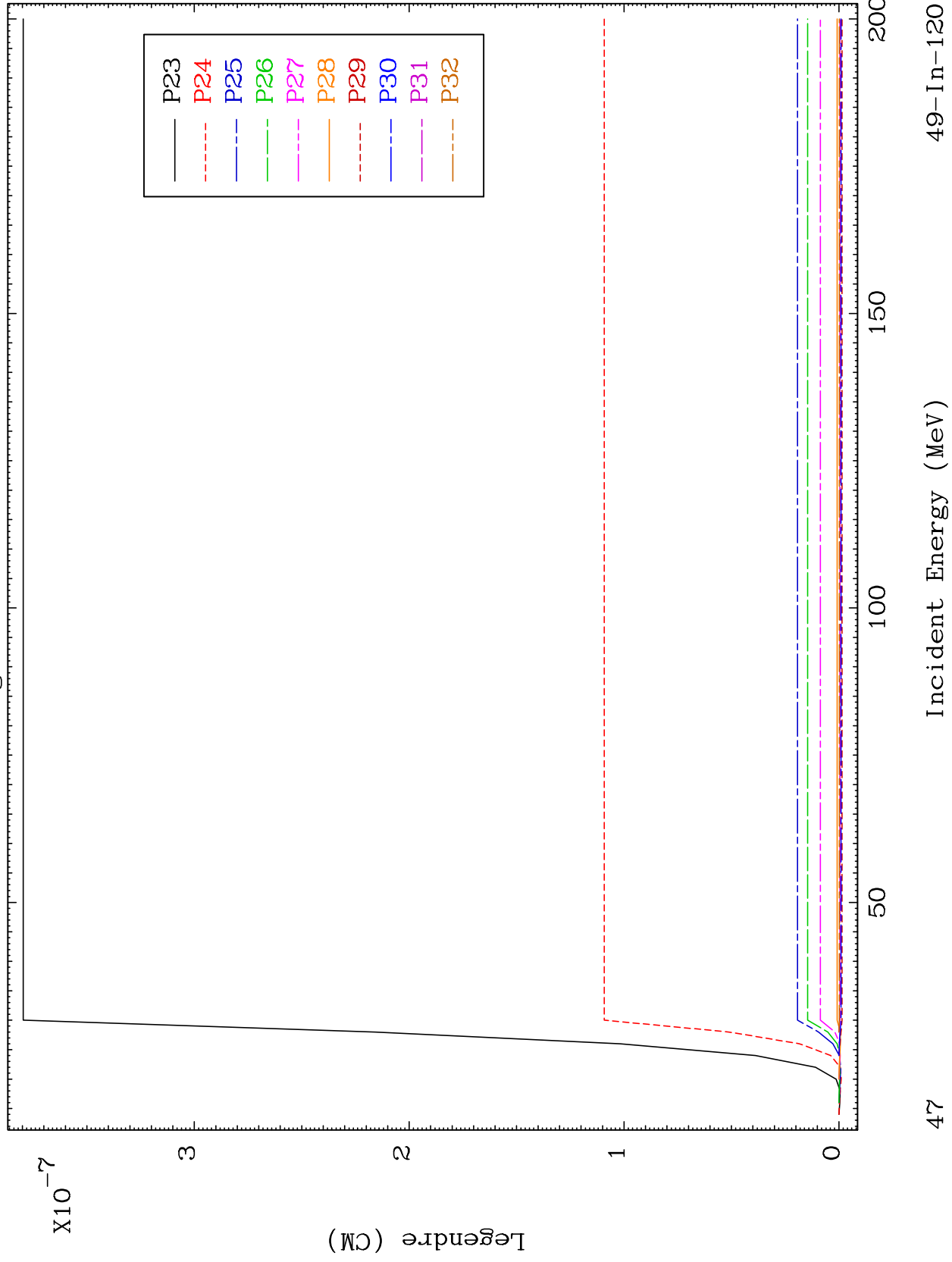
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

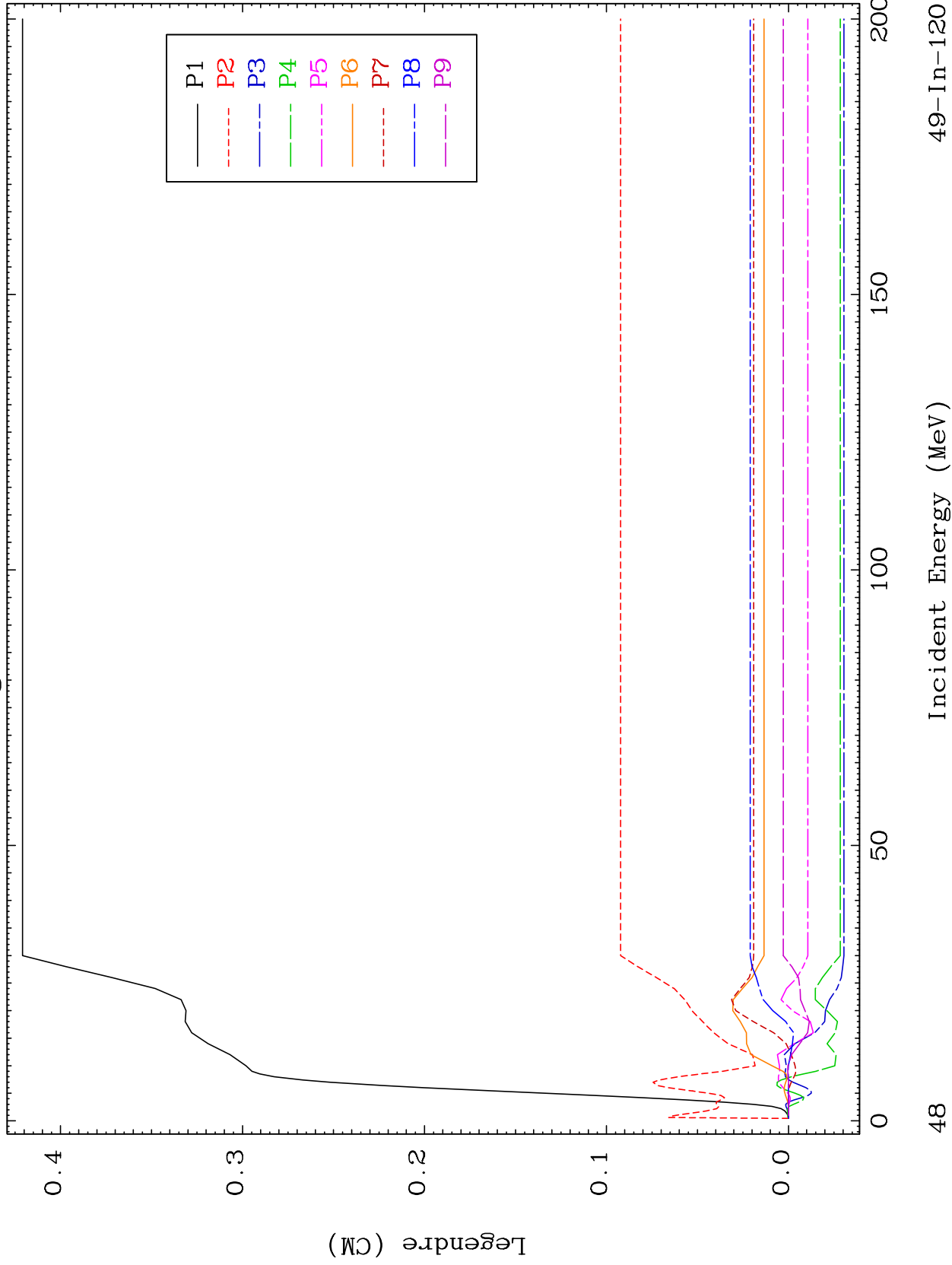


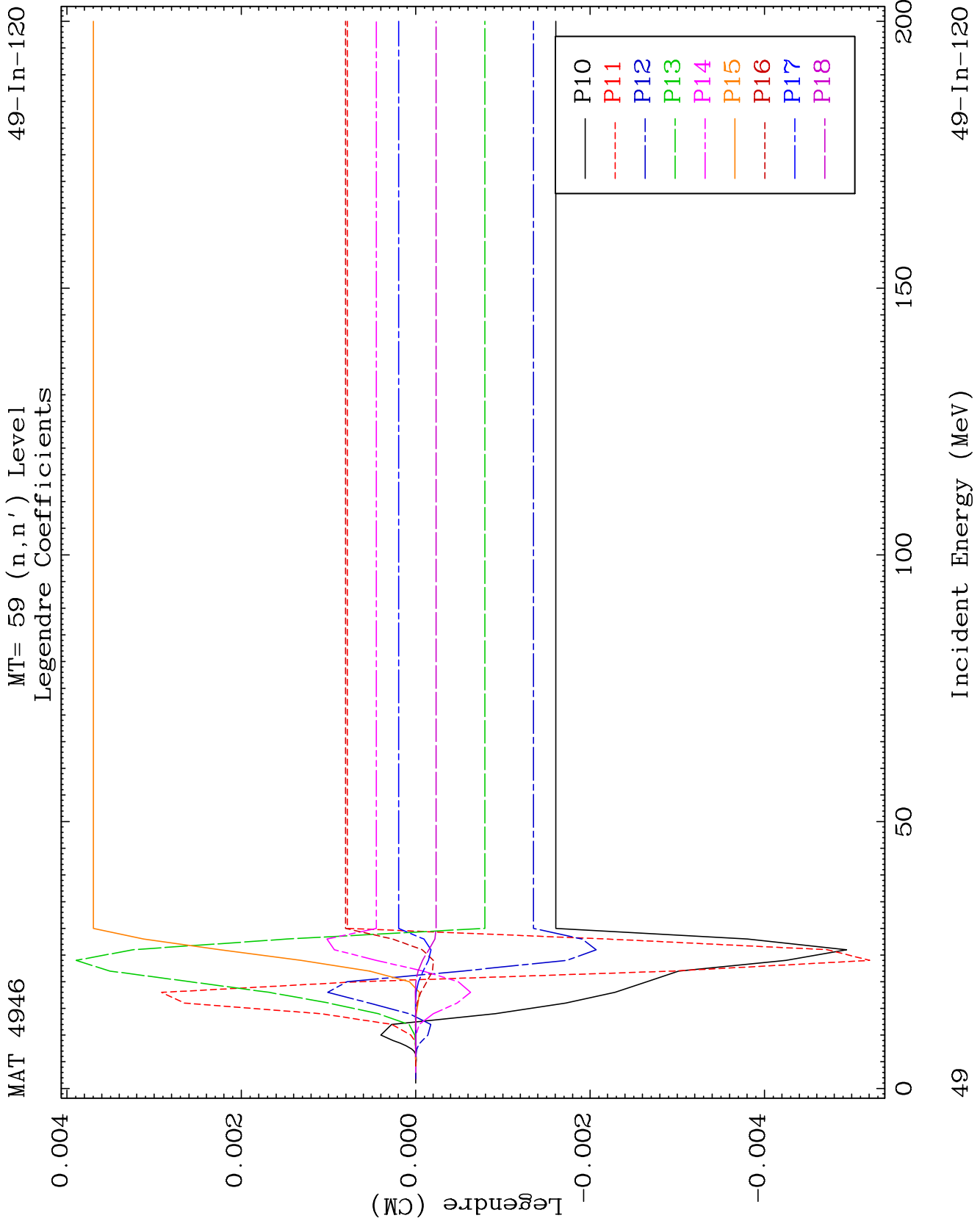
MAT 4946

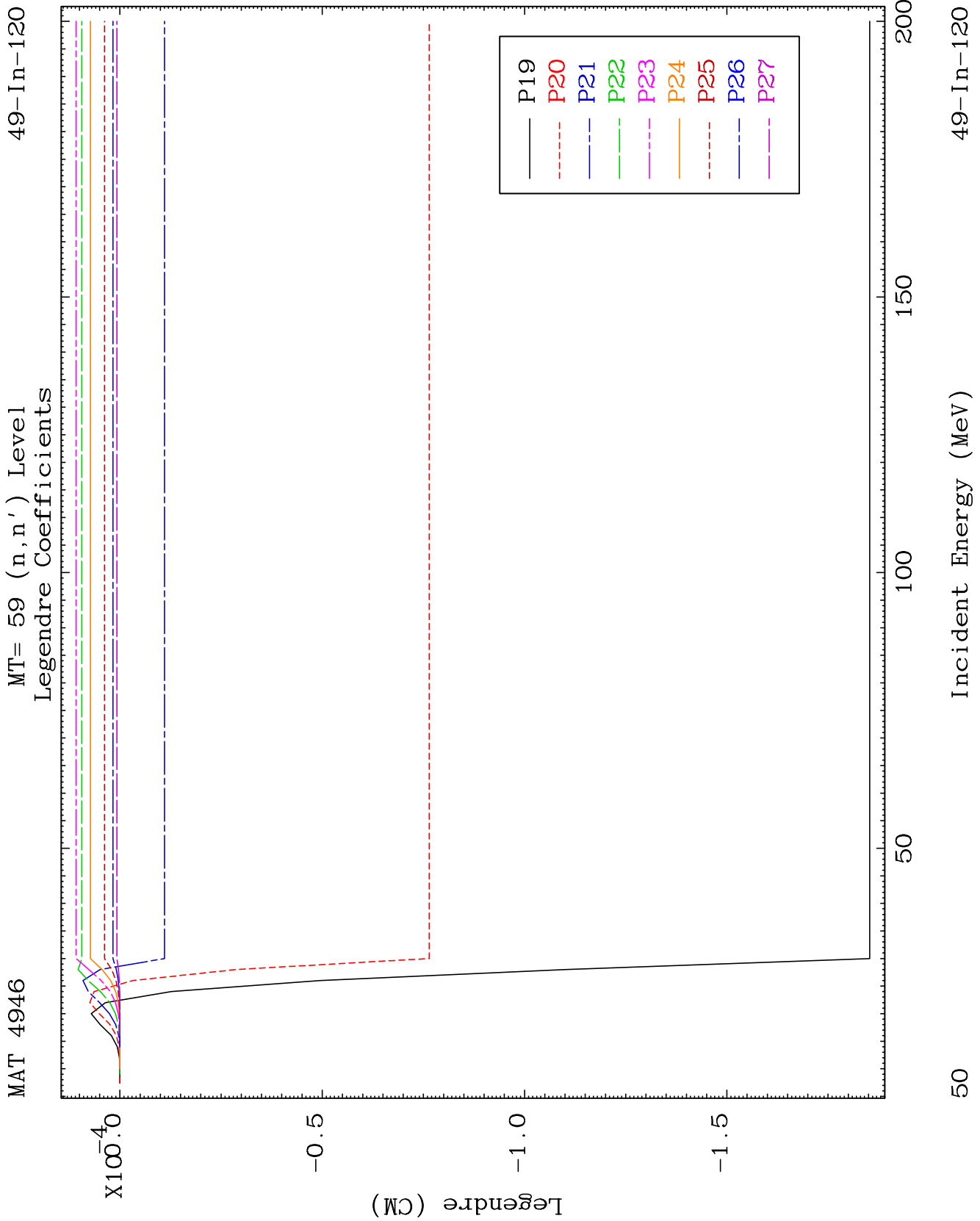
MT= 59 (n,n') Level

49-In-120

Legendre Coefficients



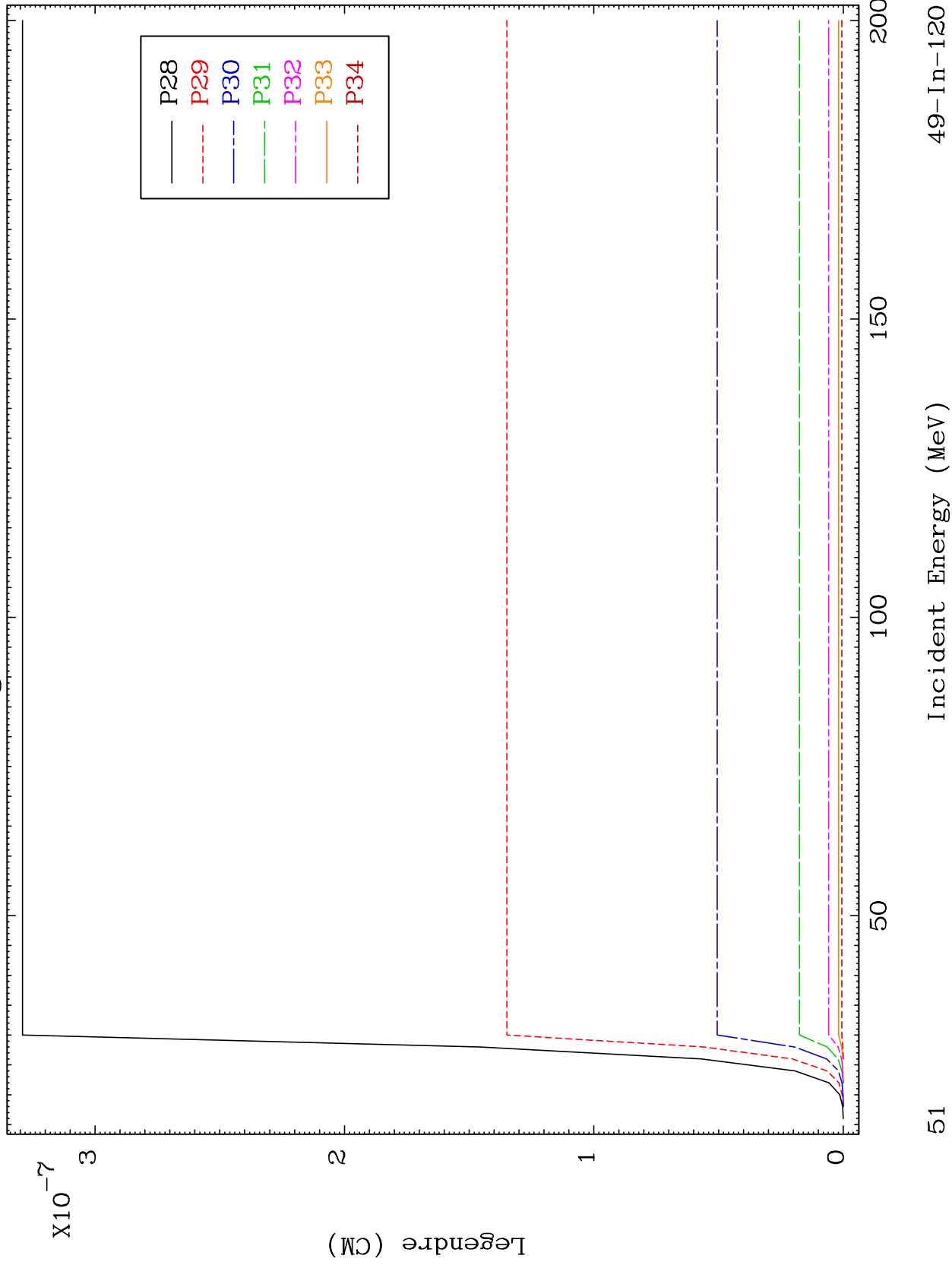




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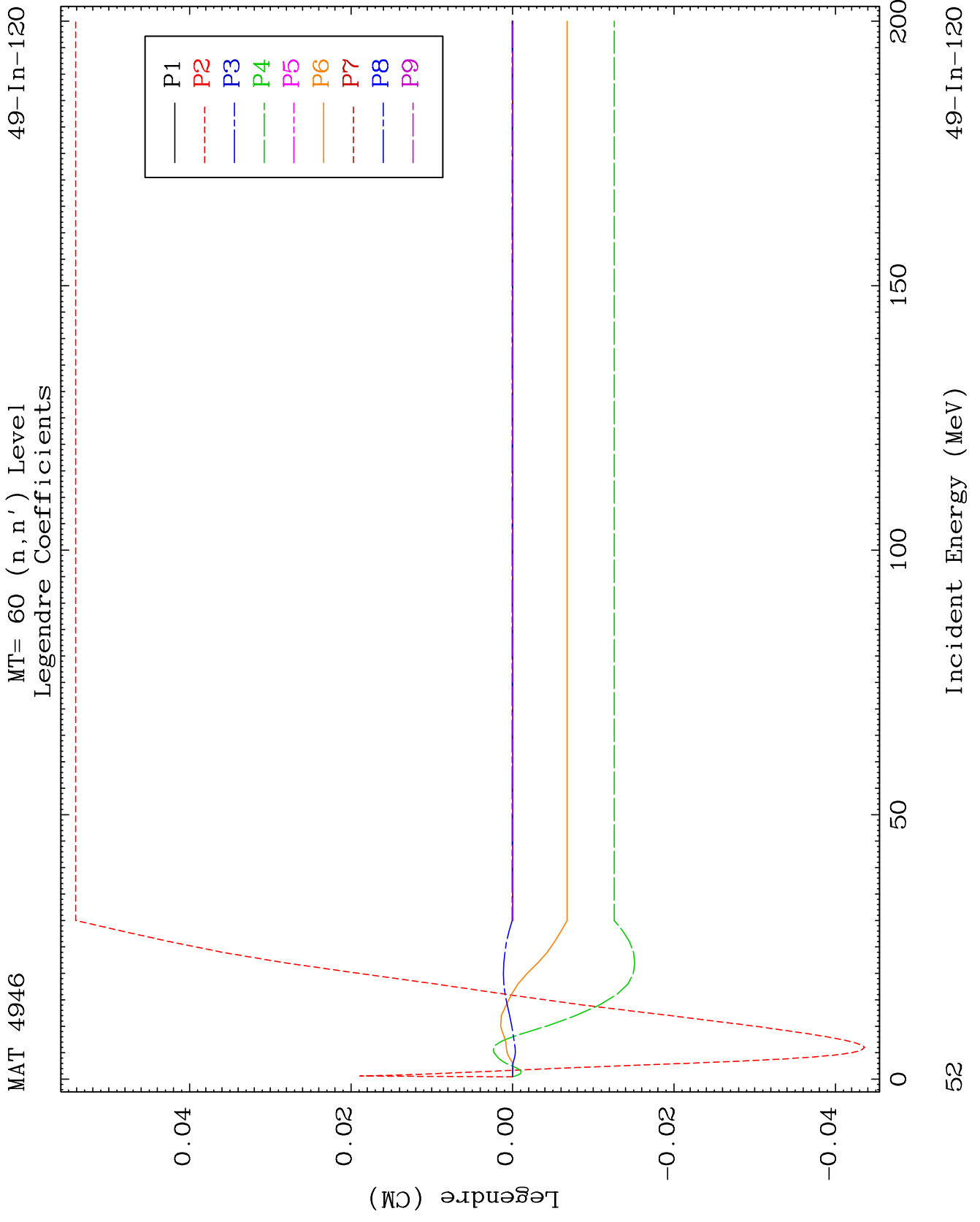
MT= 59 (n,n') Level
Legendre Coefficients

49-In-120



51

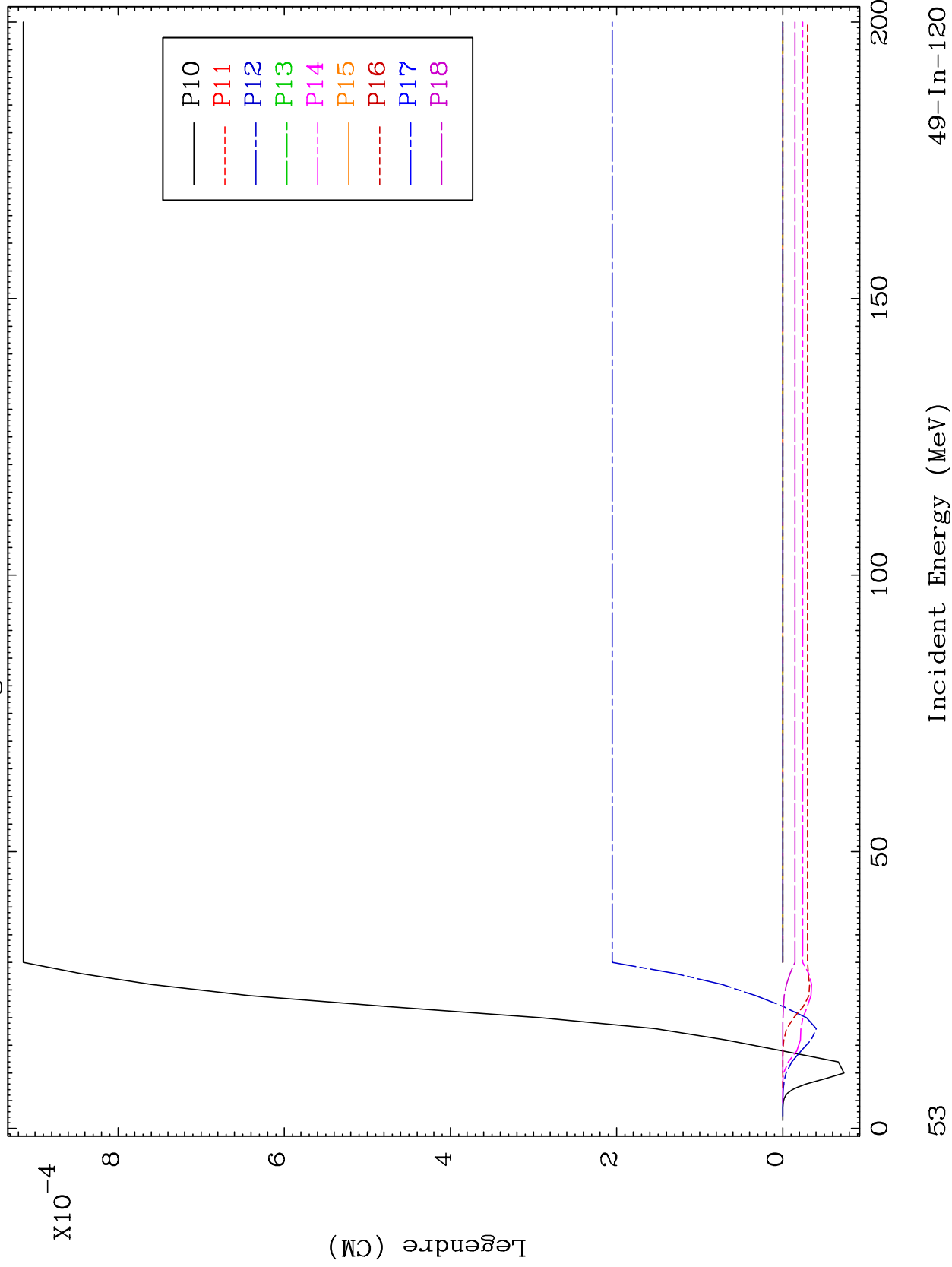
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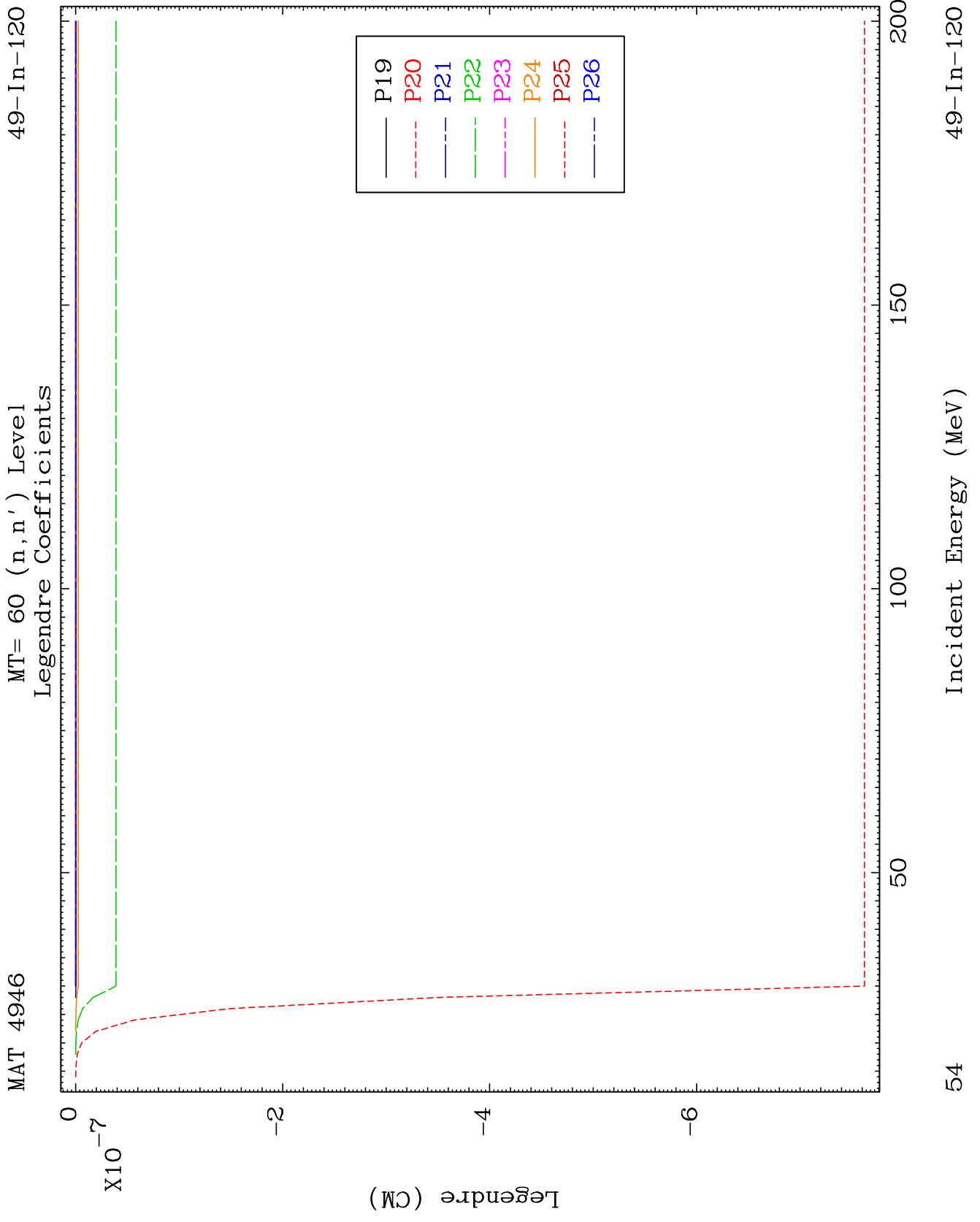


MAT 4946

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

49-In-120

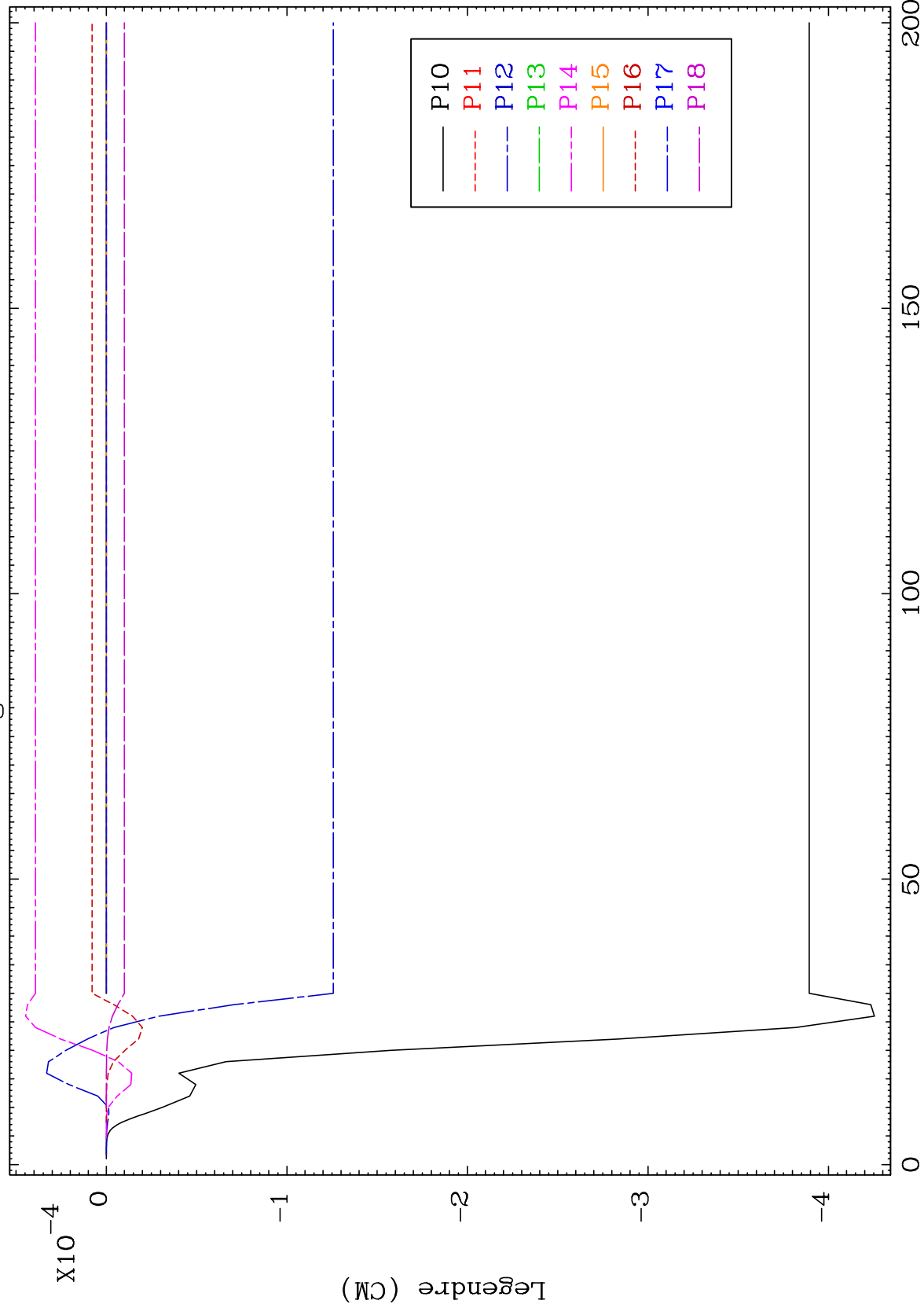




MAT 4946

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

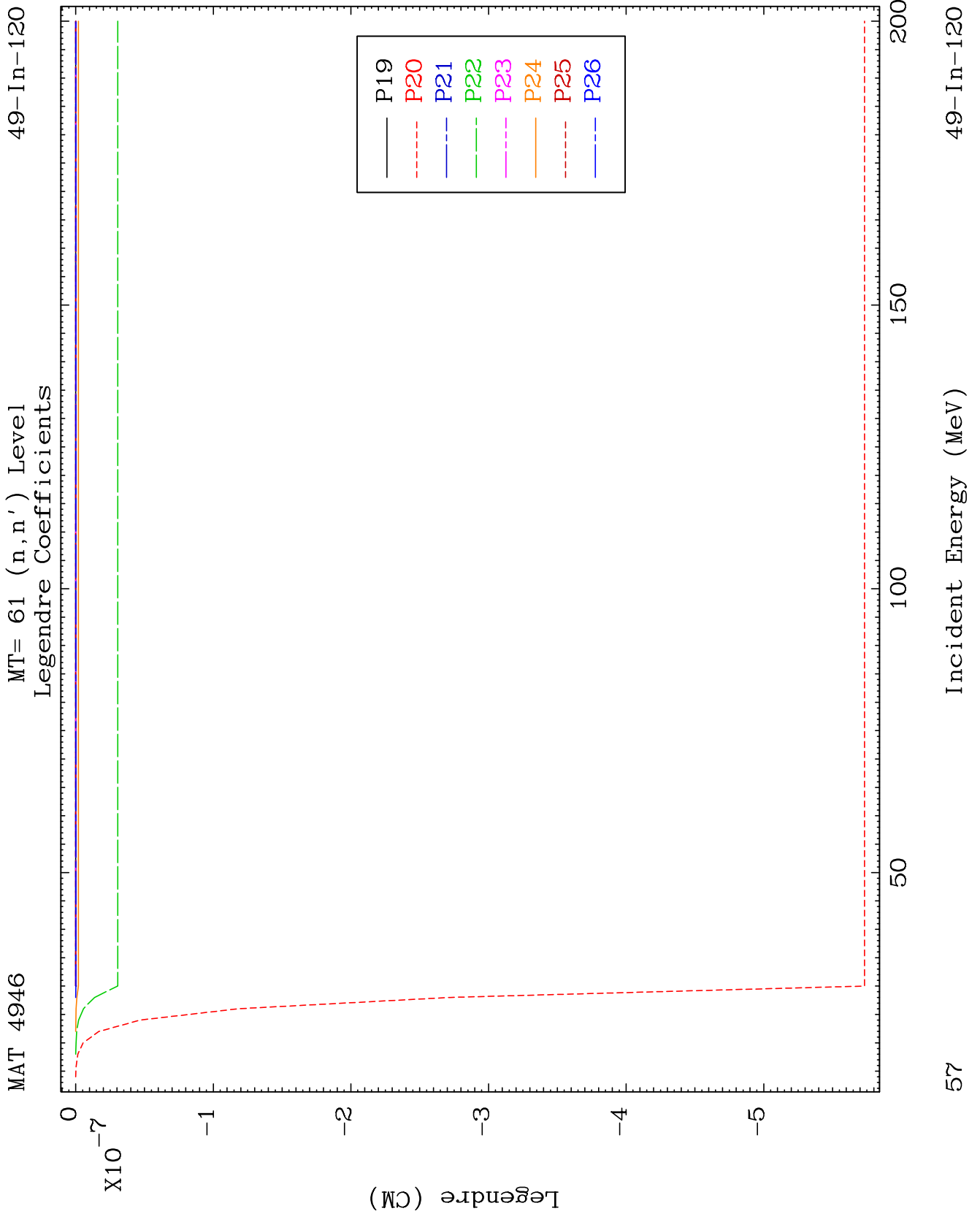
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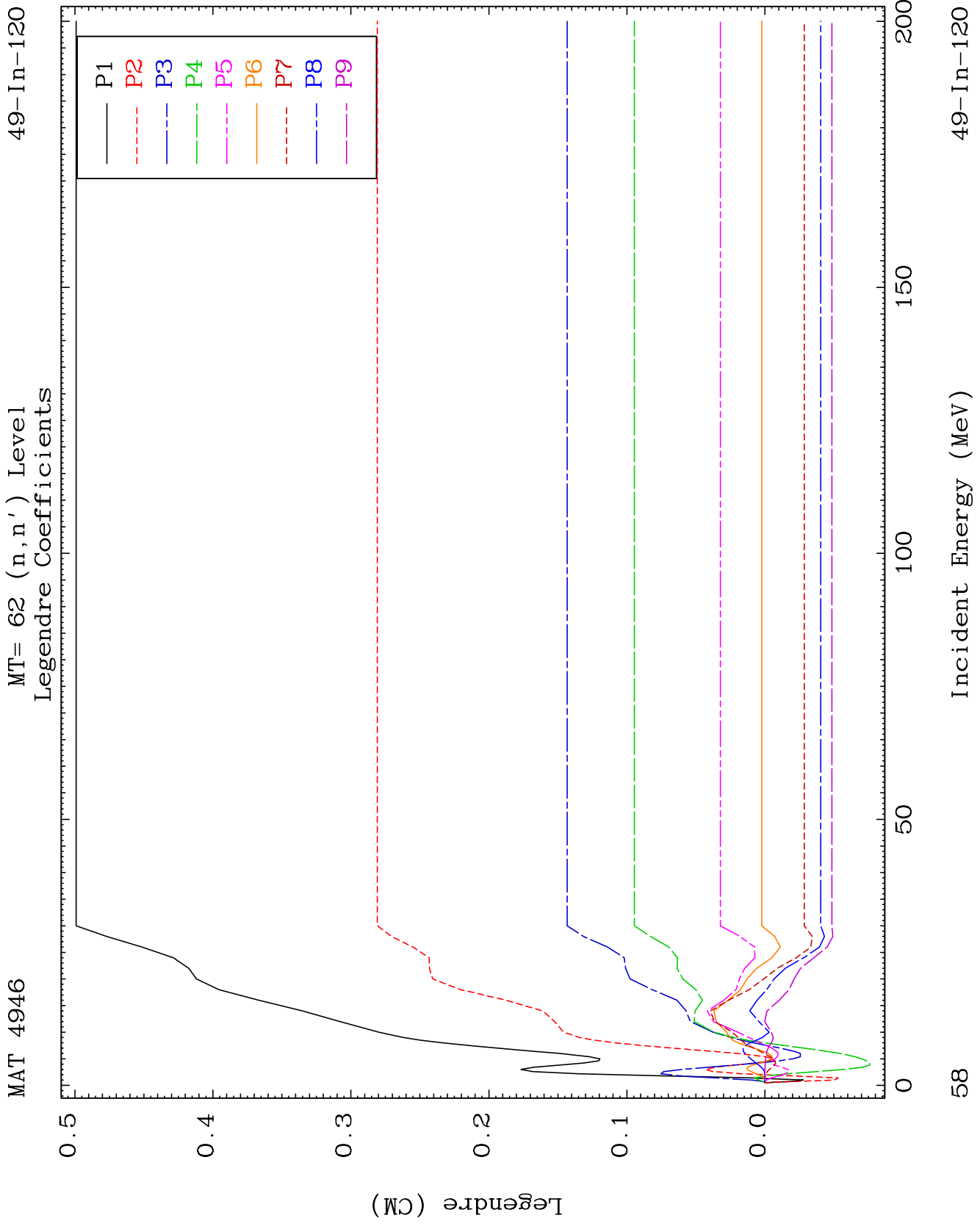


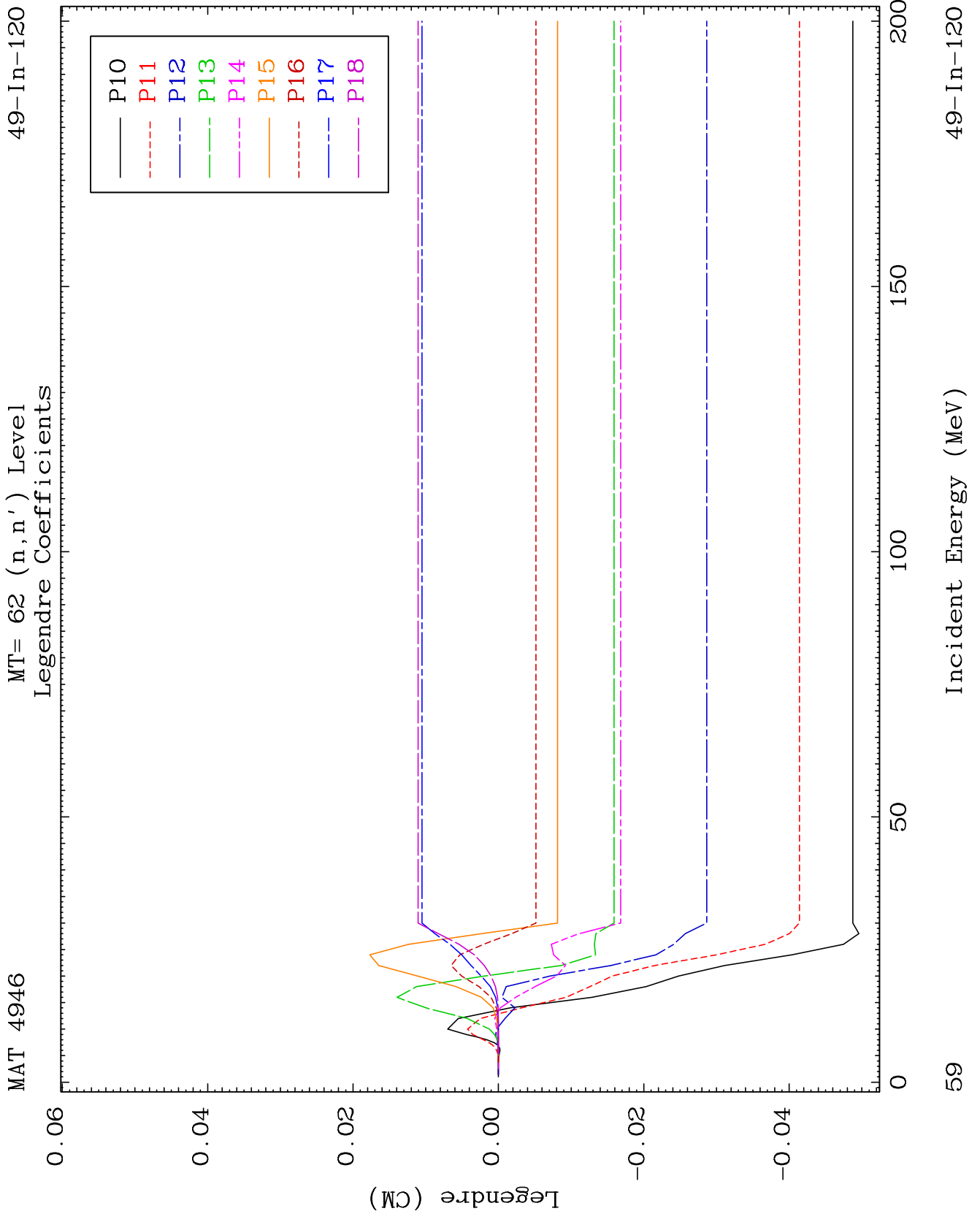
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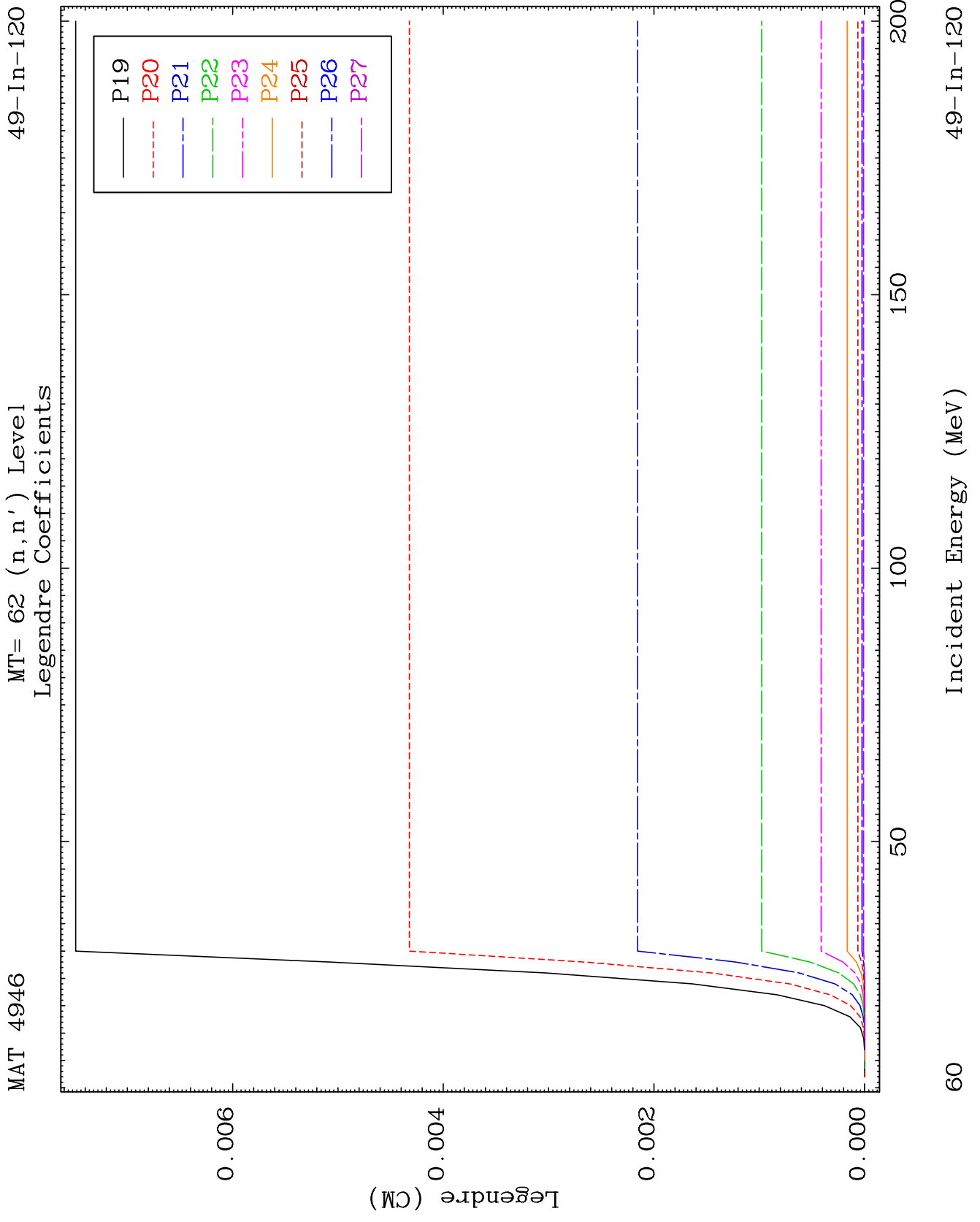
Incident Energy (MeV)

49-In-120





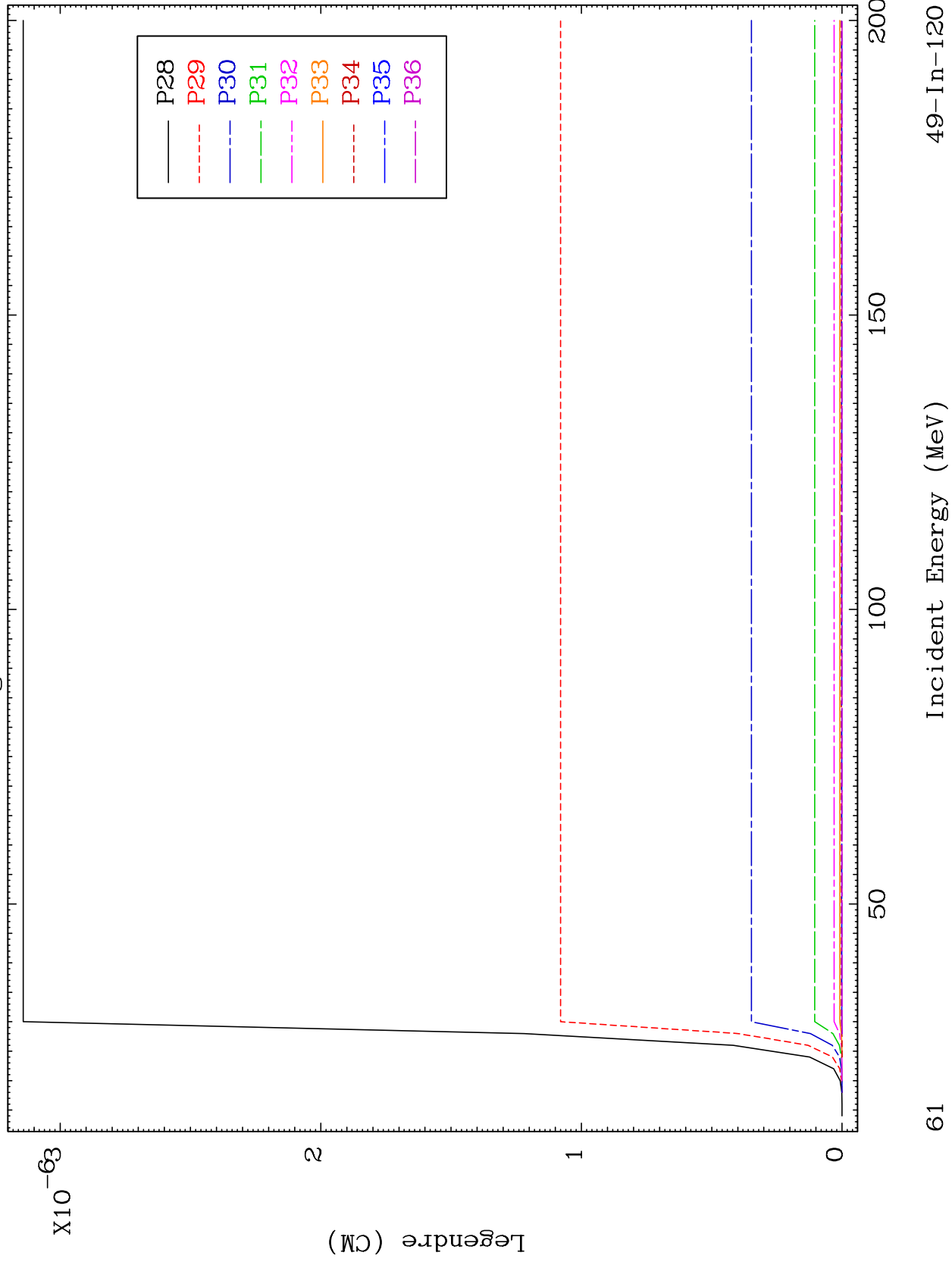




MAT 4946

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

49-In-120



61

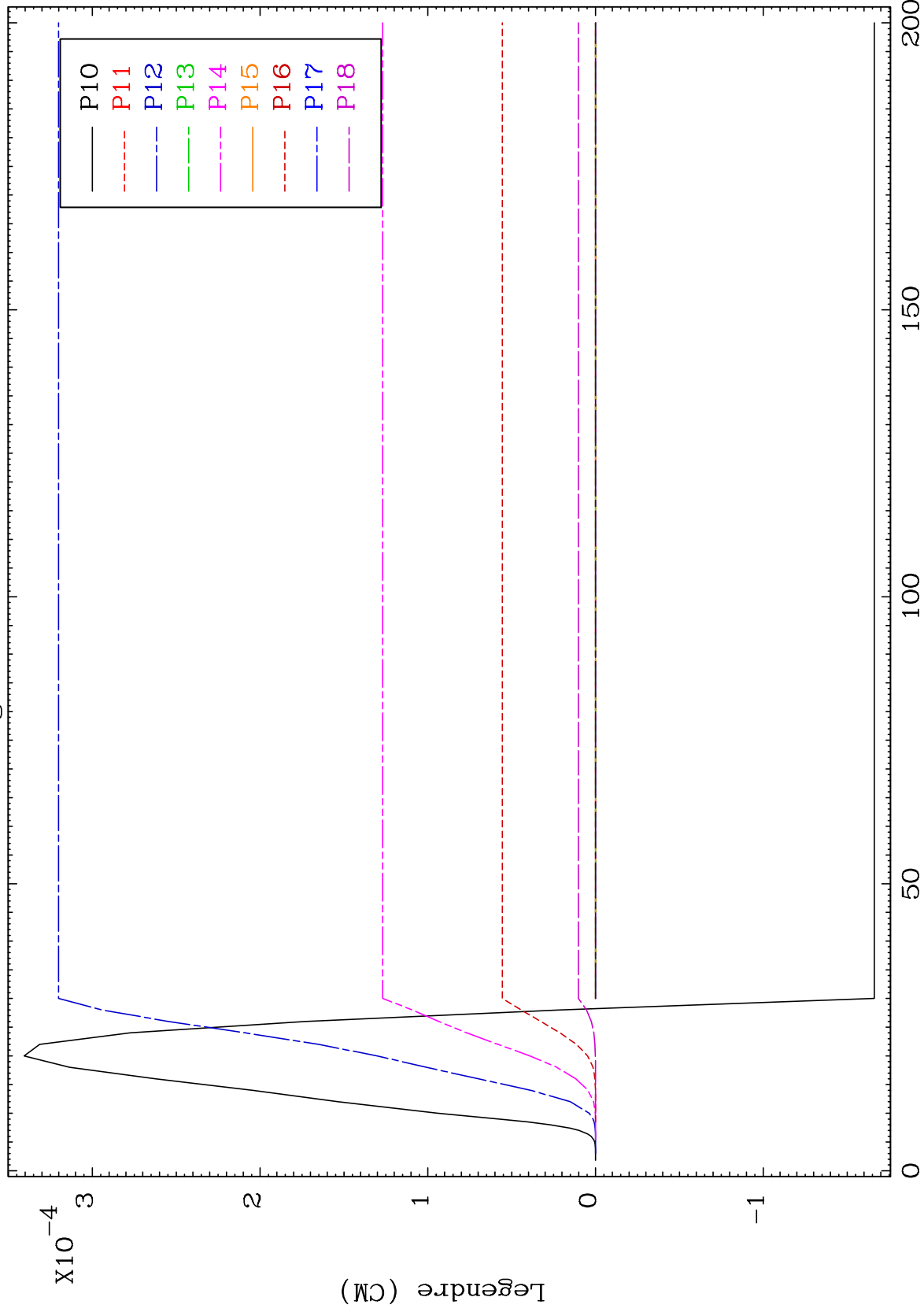
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



63

Incident Energy (MeV)

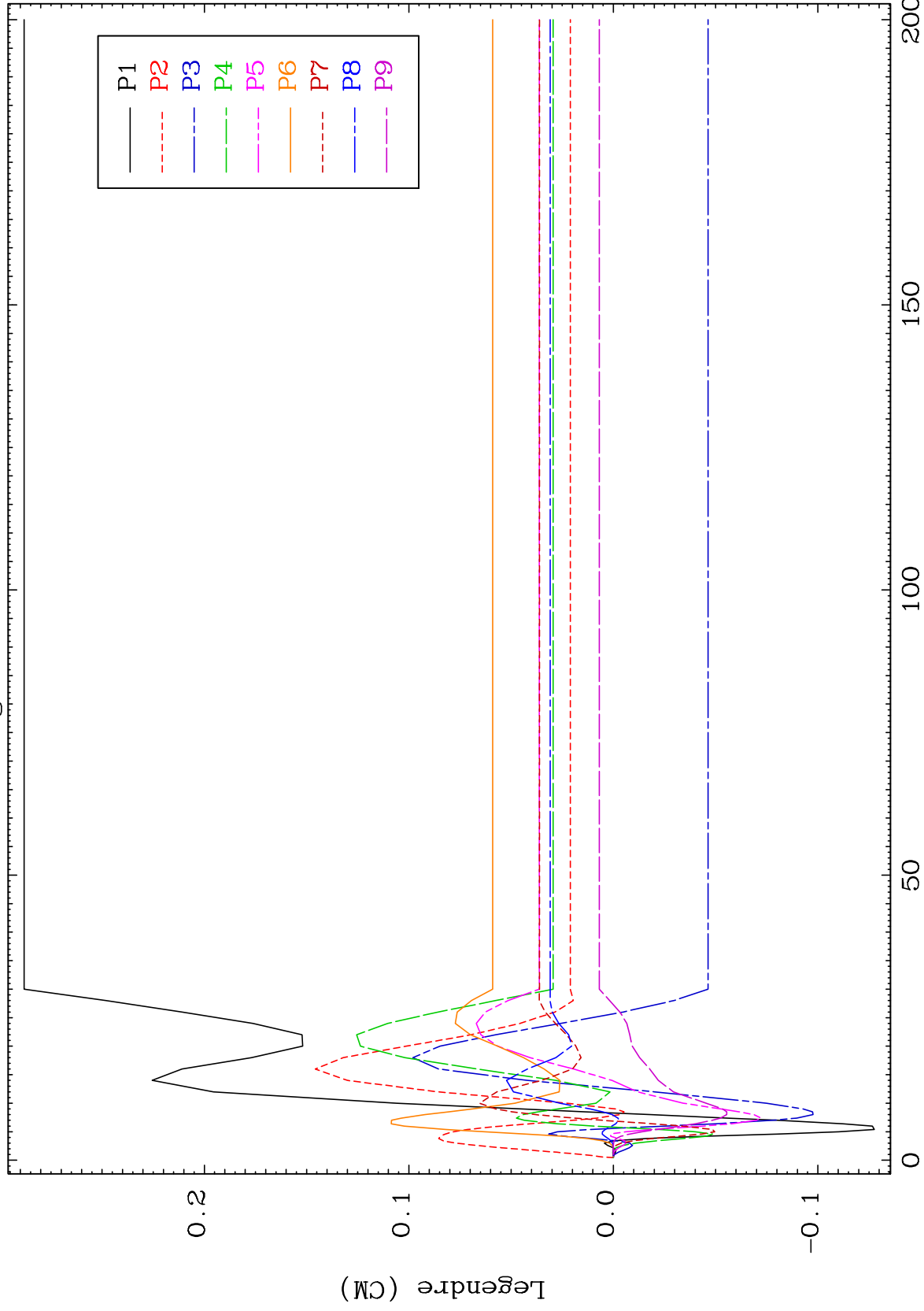
49-In-120

MAT 4946

MT= 64 (n,n') Level

49-In-120

Legendre Coefficients



65

Incident Energy (MeV)

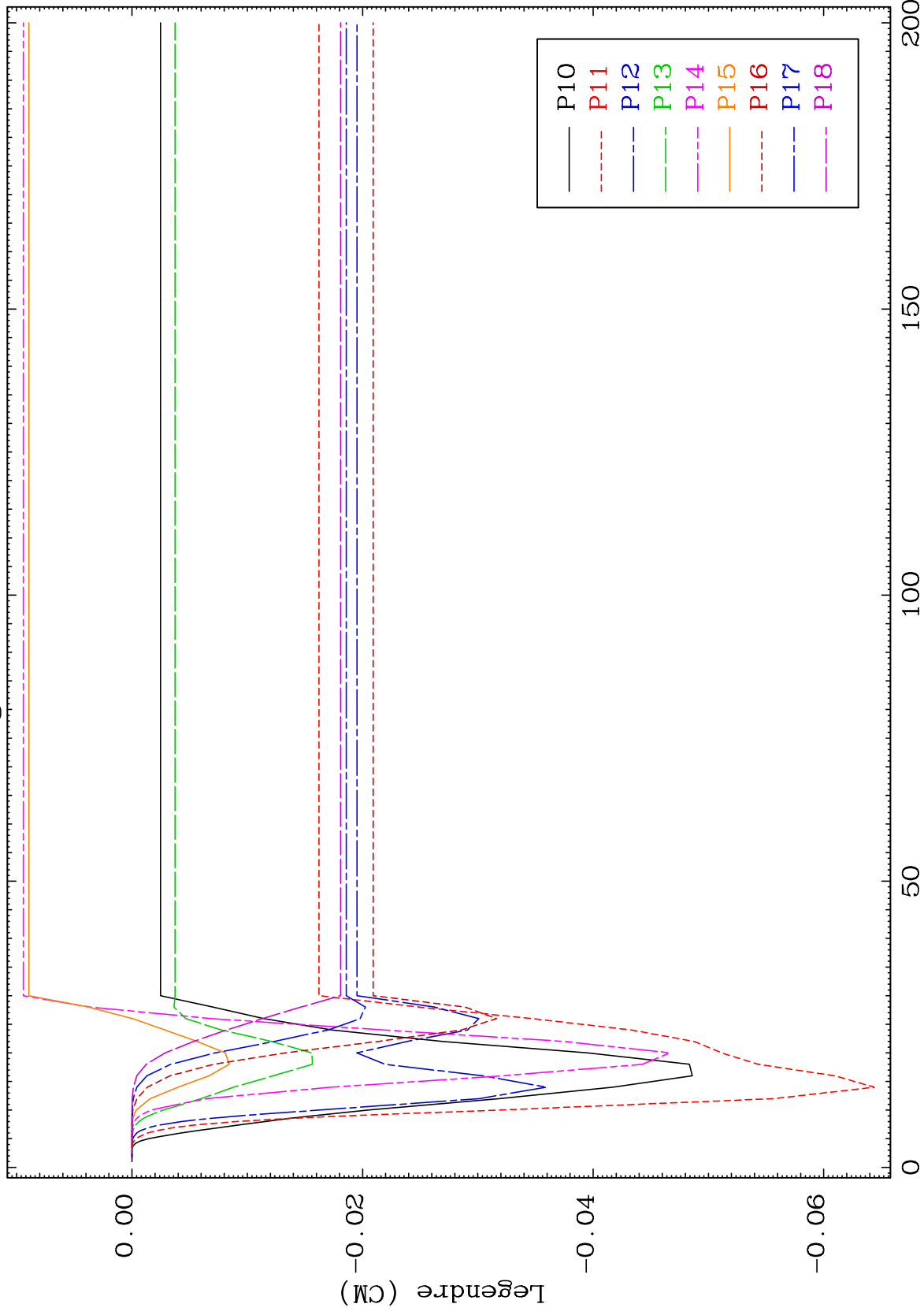
49-In-120

MAT 4946

MT= 64 (n,n') Level

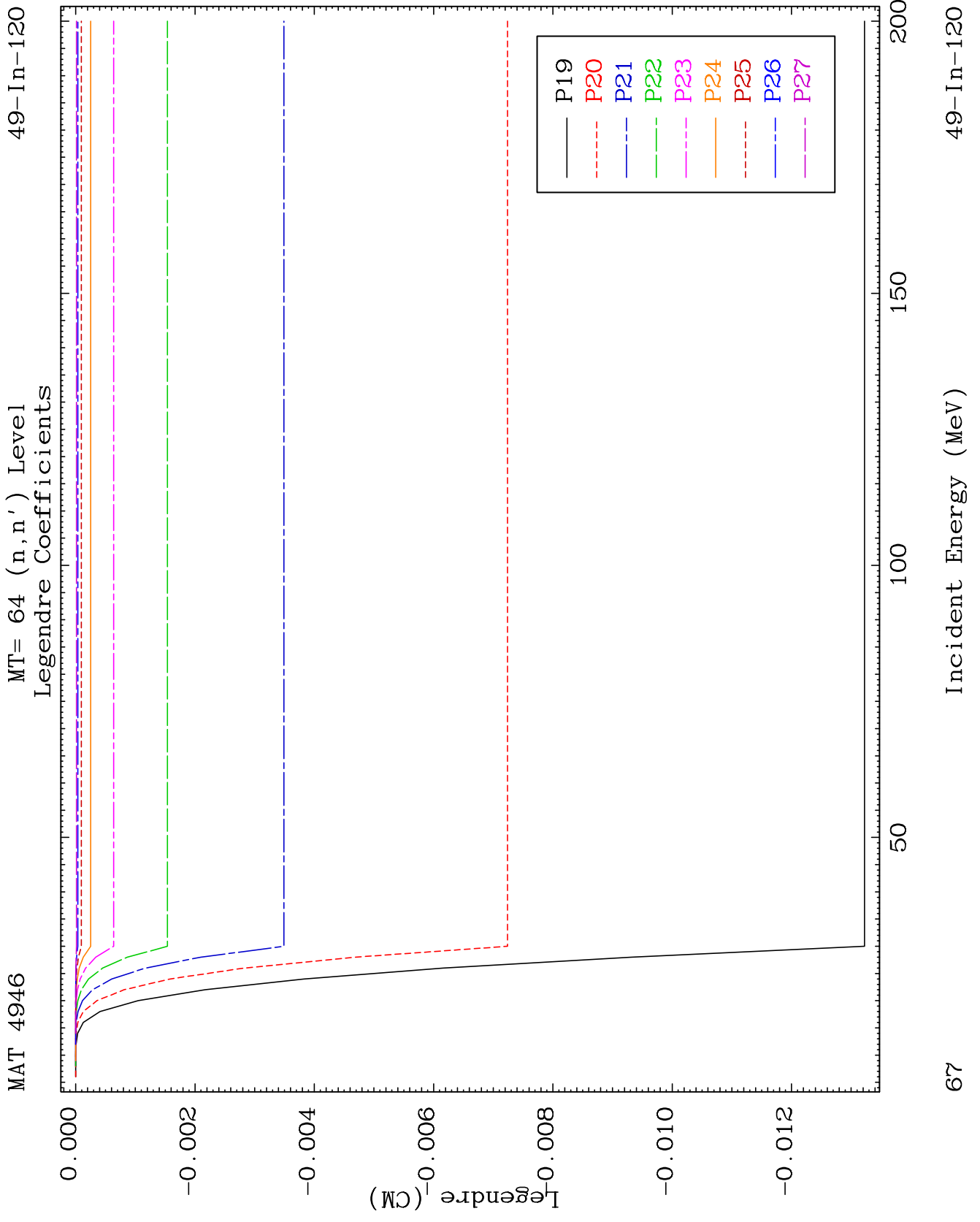
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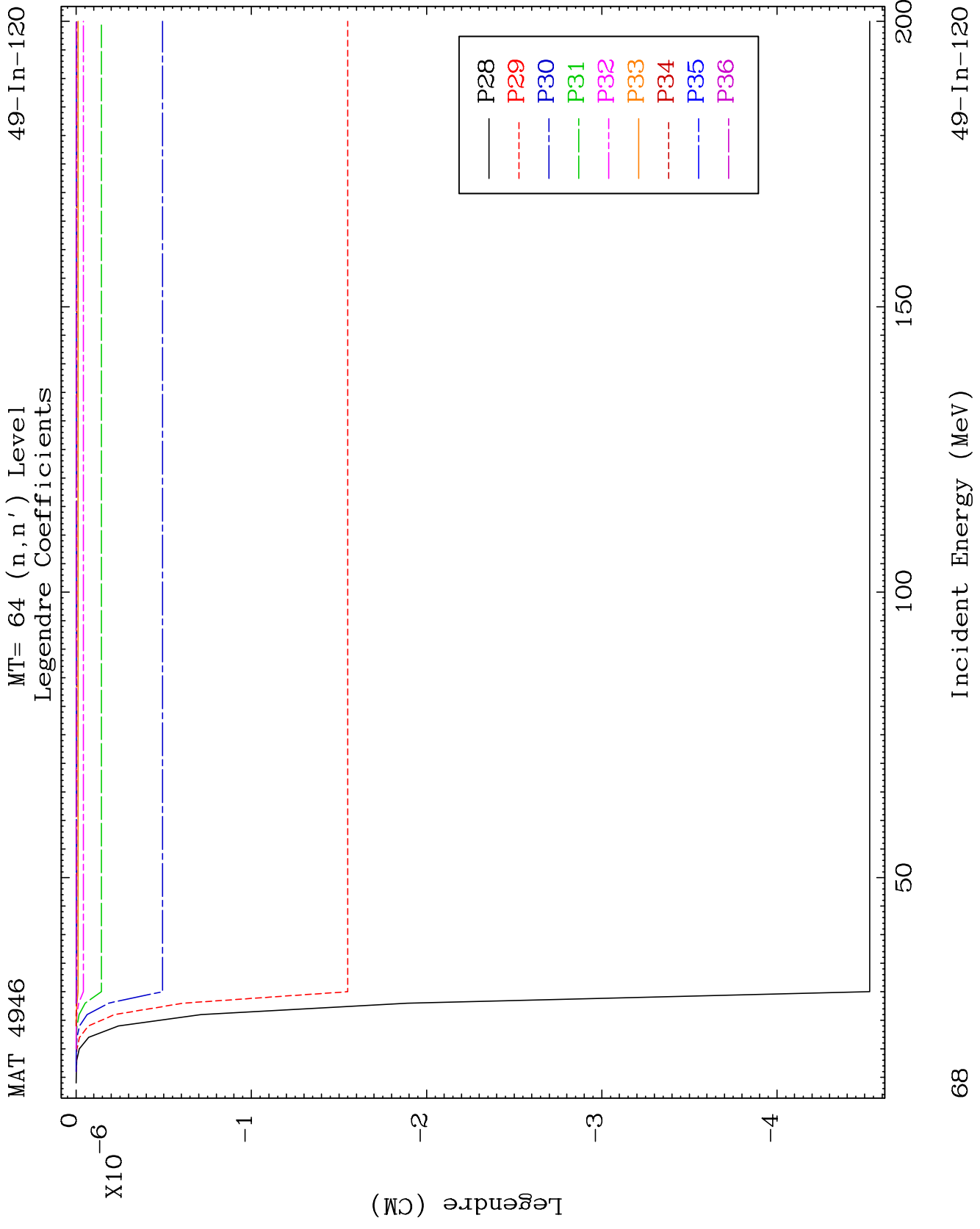
Legendre Coefficients



66

49-In-120

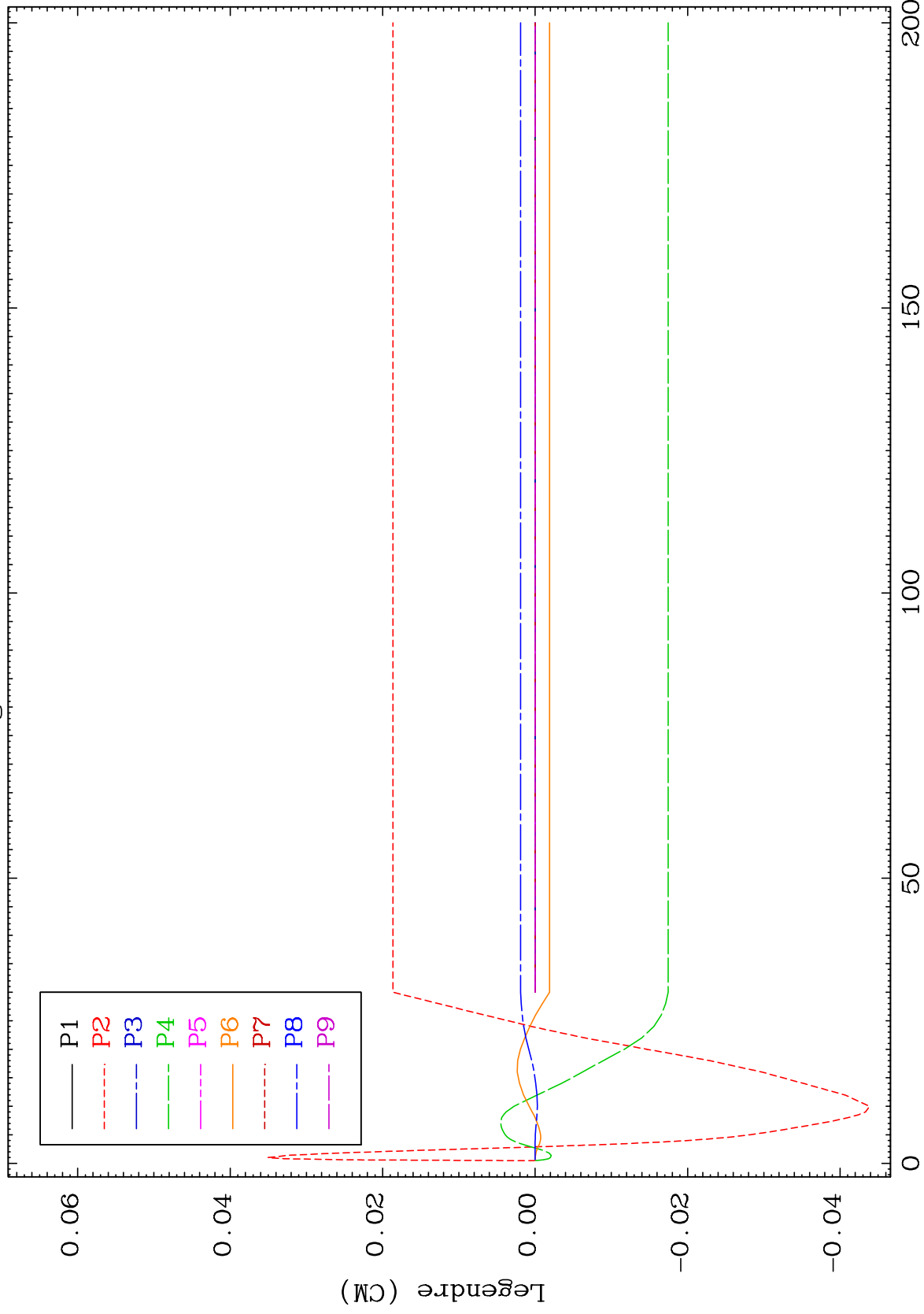




MAT 4946

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

49-In-120



69

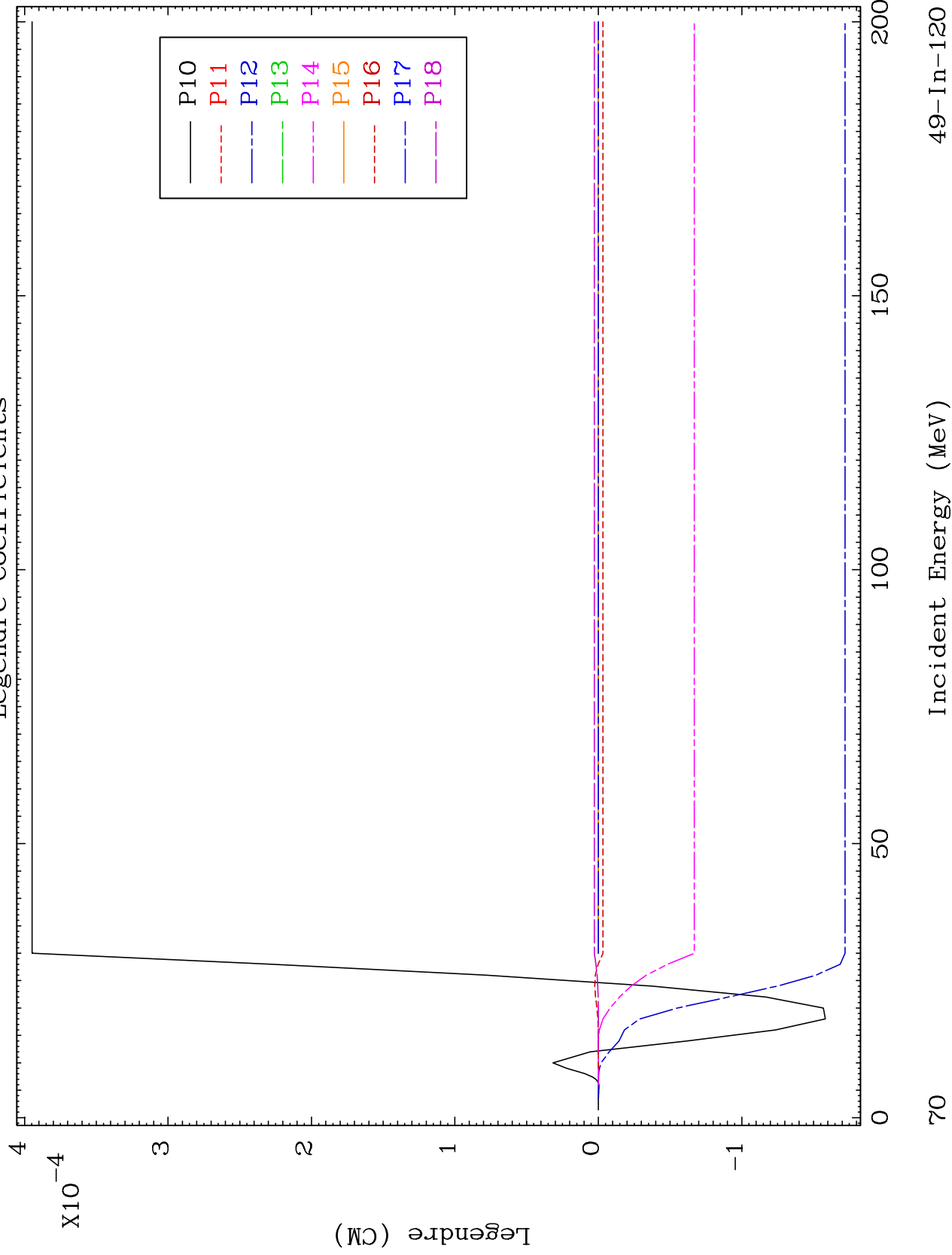
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

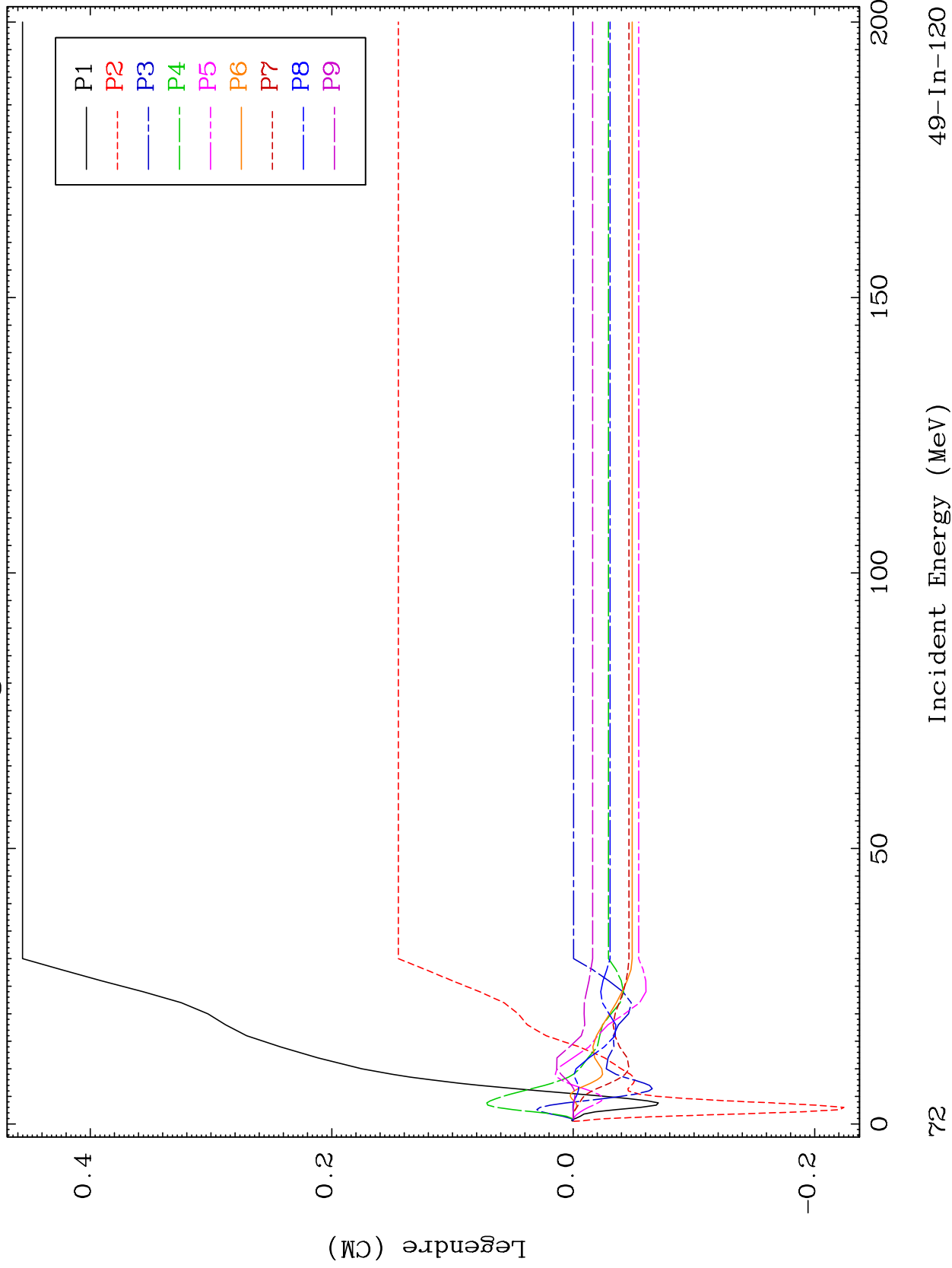


MAT 4946

MT= 66 (n,n') Level

49-In-120

Legendre Coefficients



72

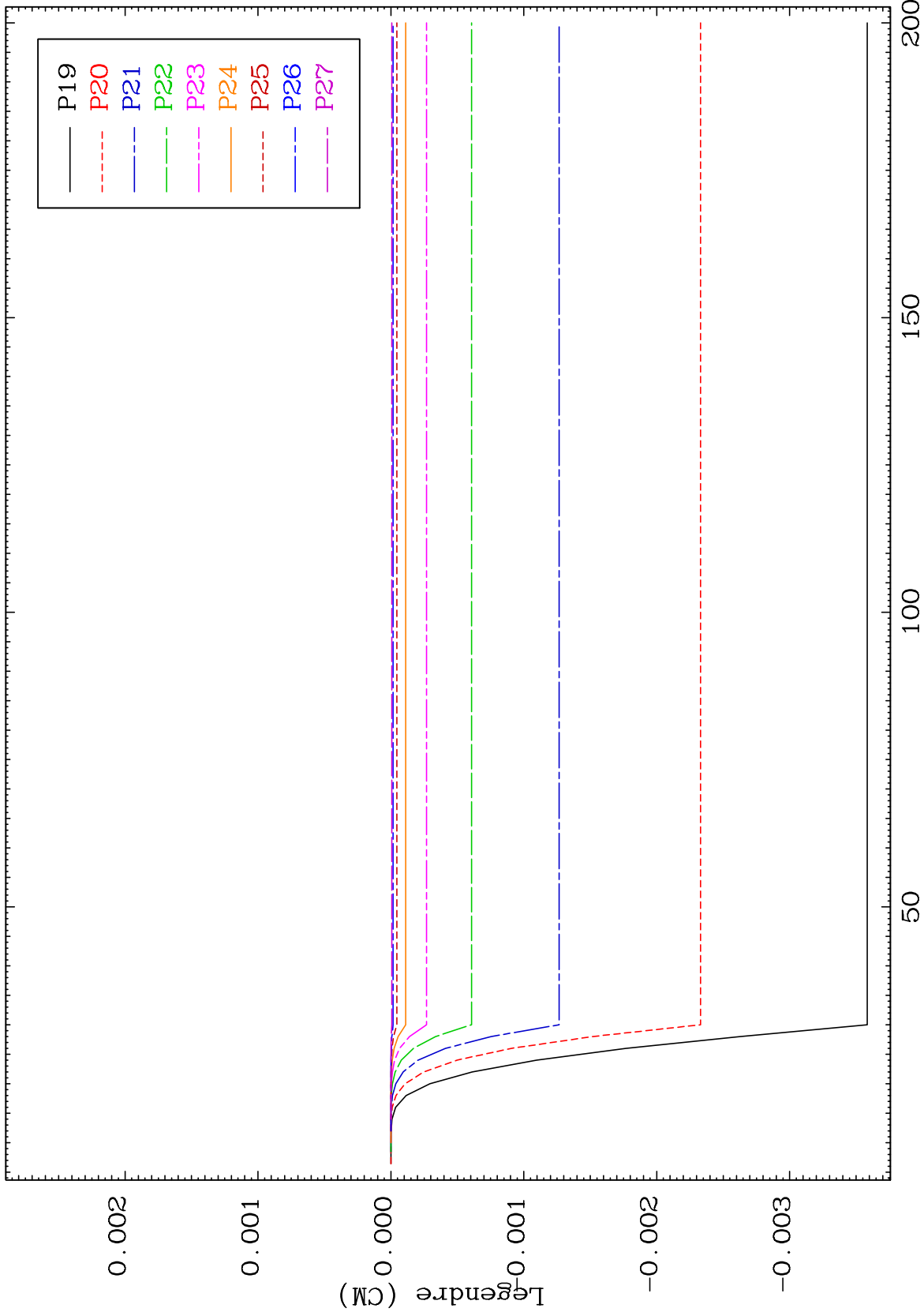
Incident Energy (MeV)

49-In-120

MAT 4946

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

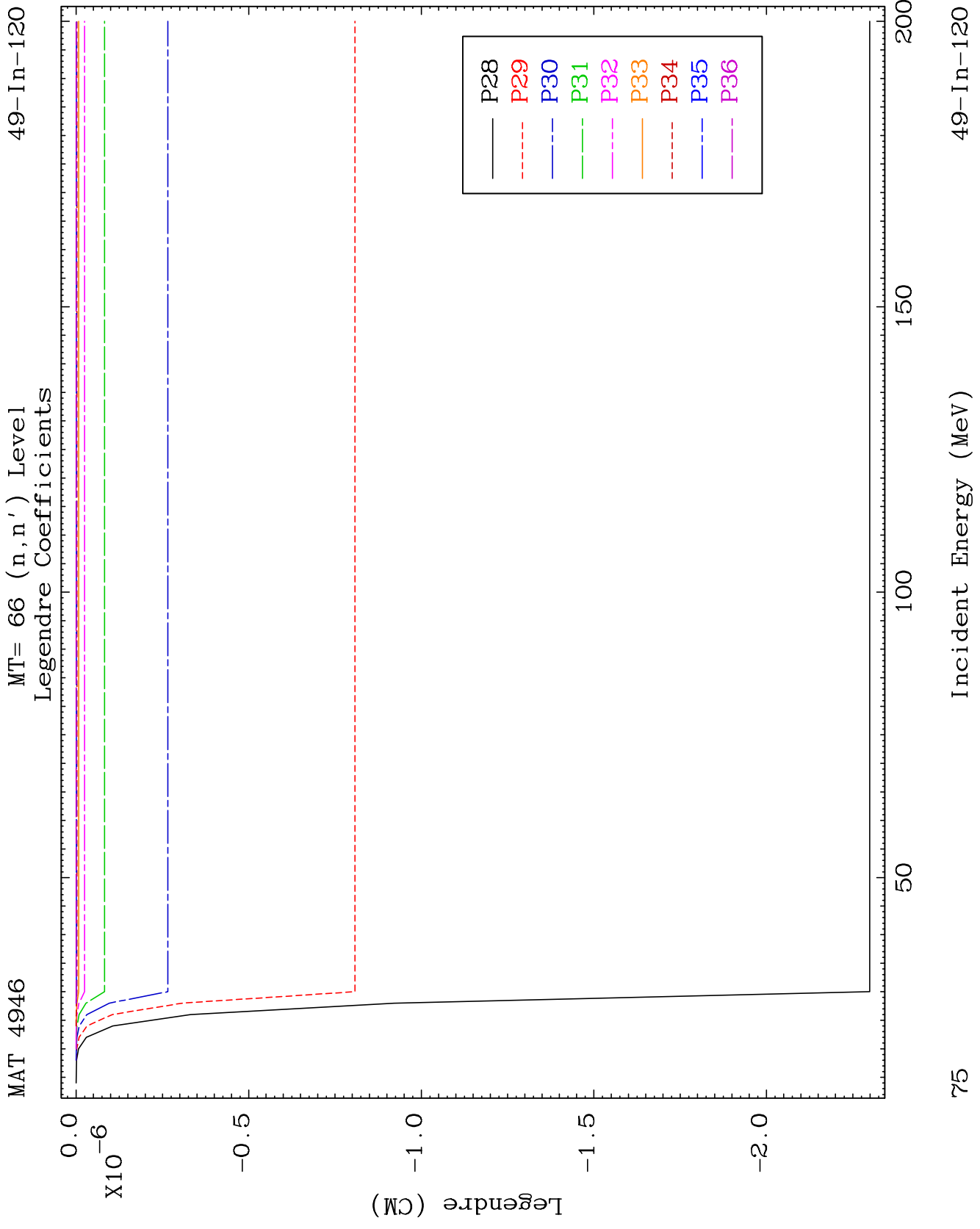
49-In-120

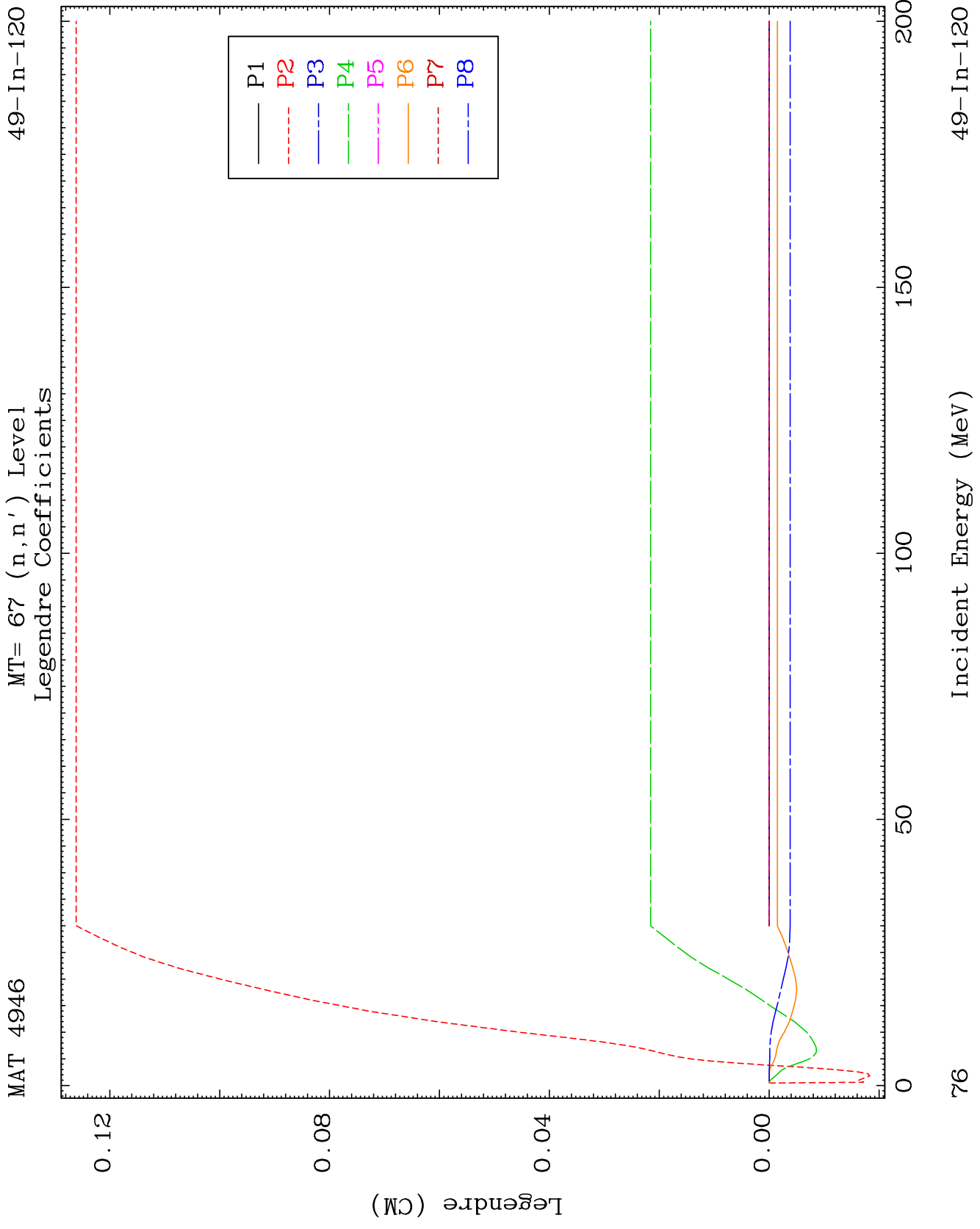


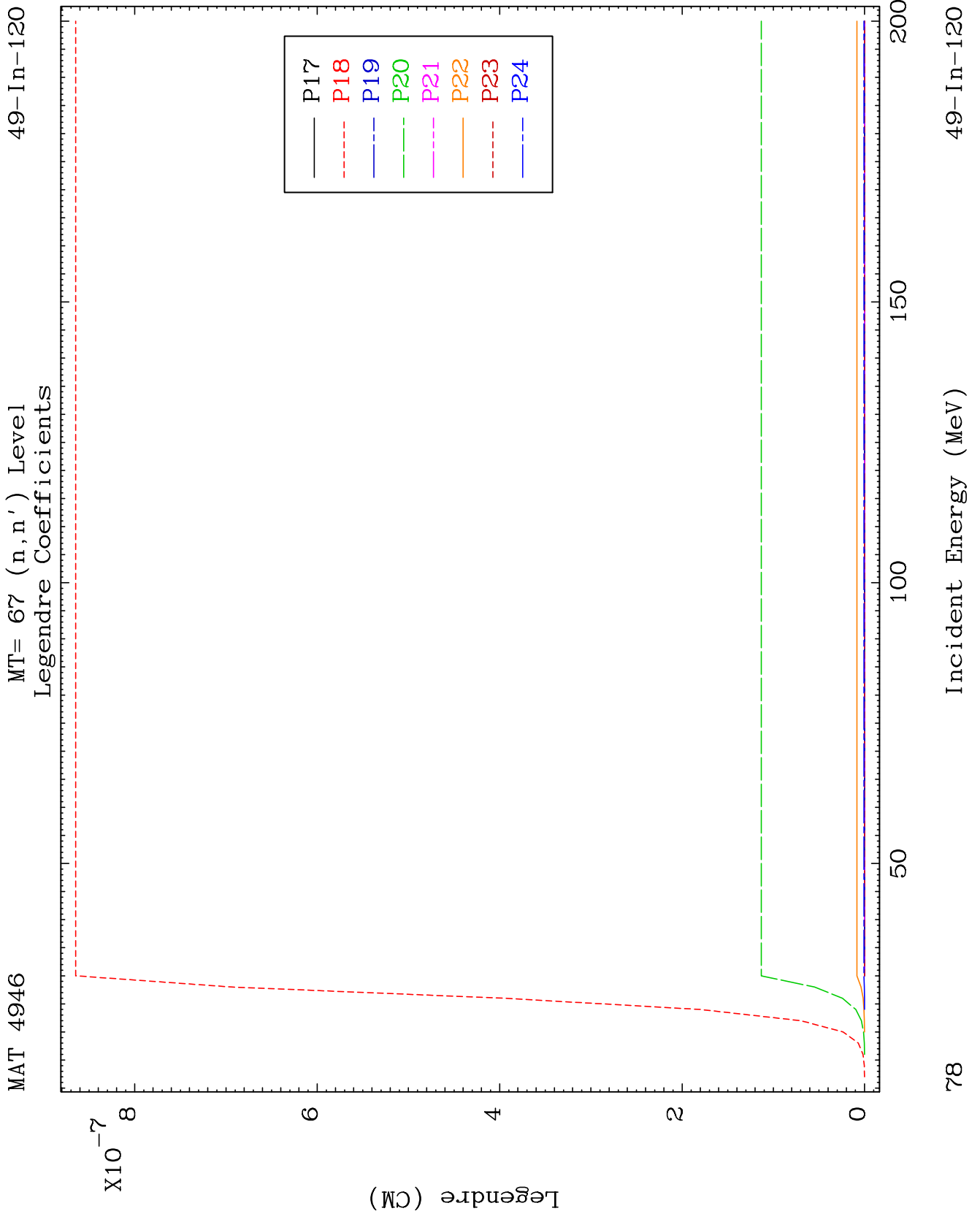
74

Incident Energy (MeV)

49-In-120



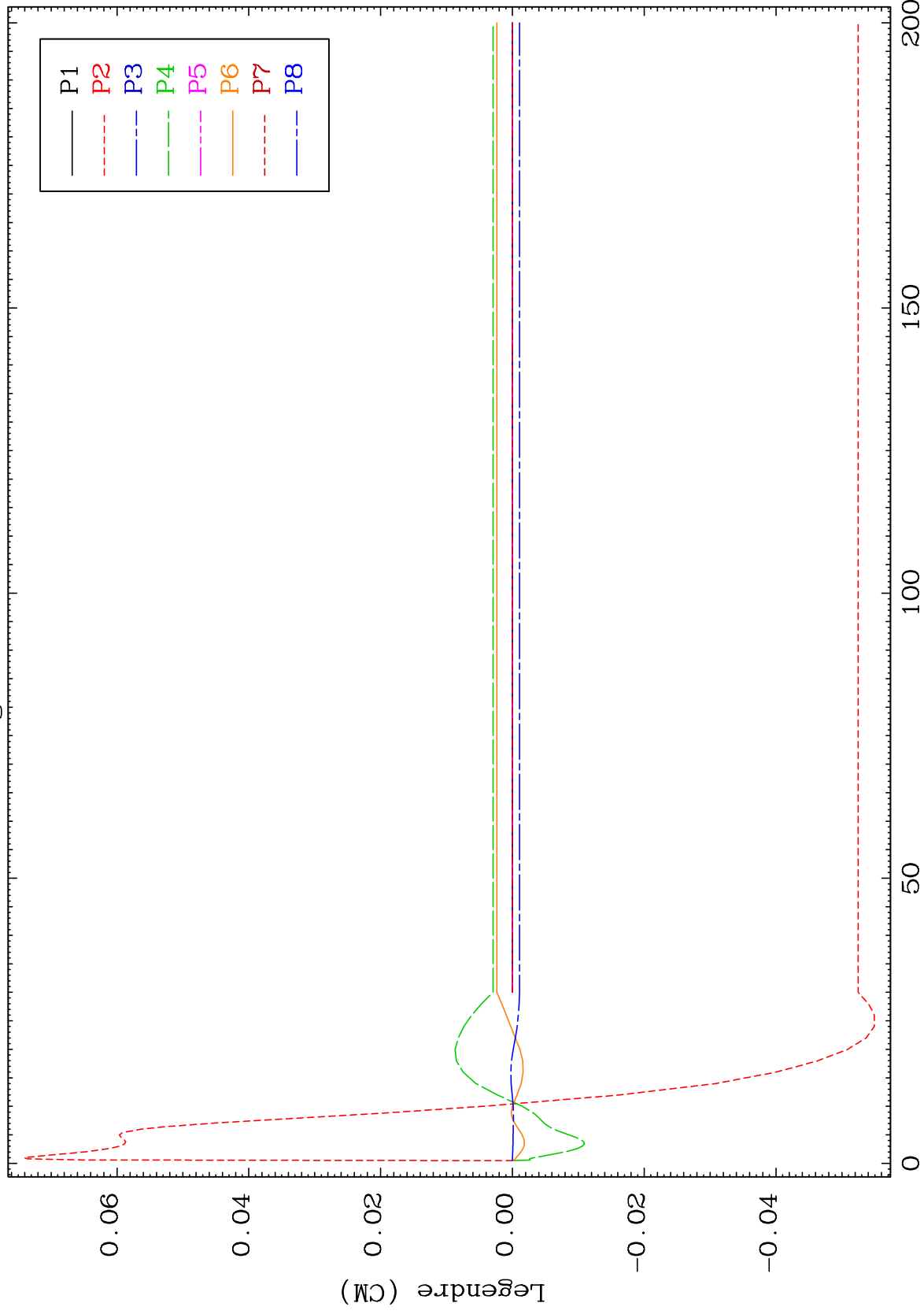




MAT 4946

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

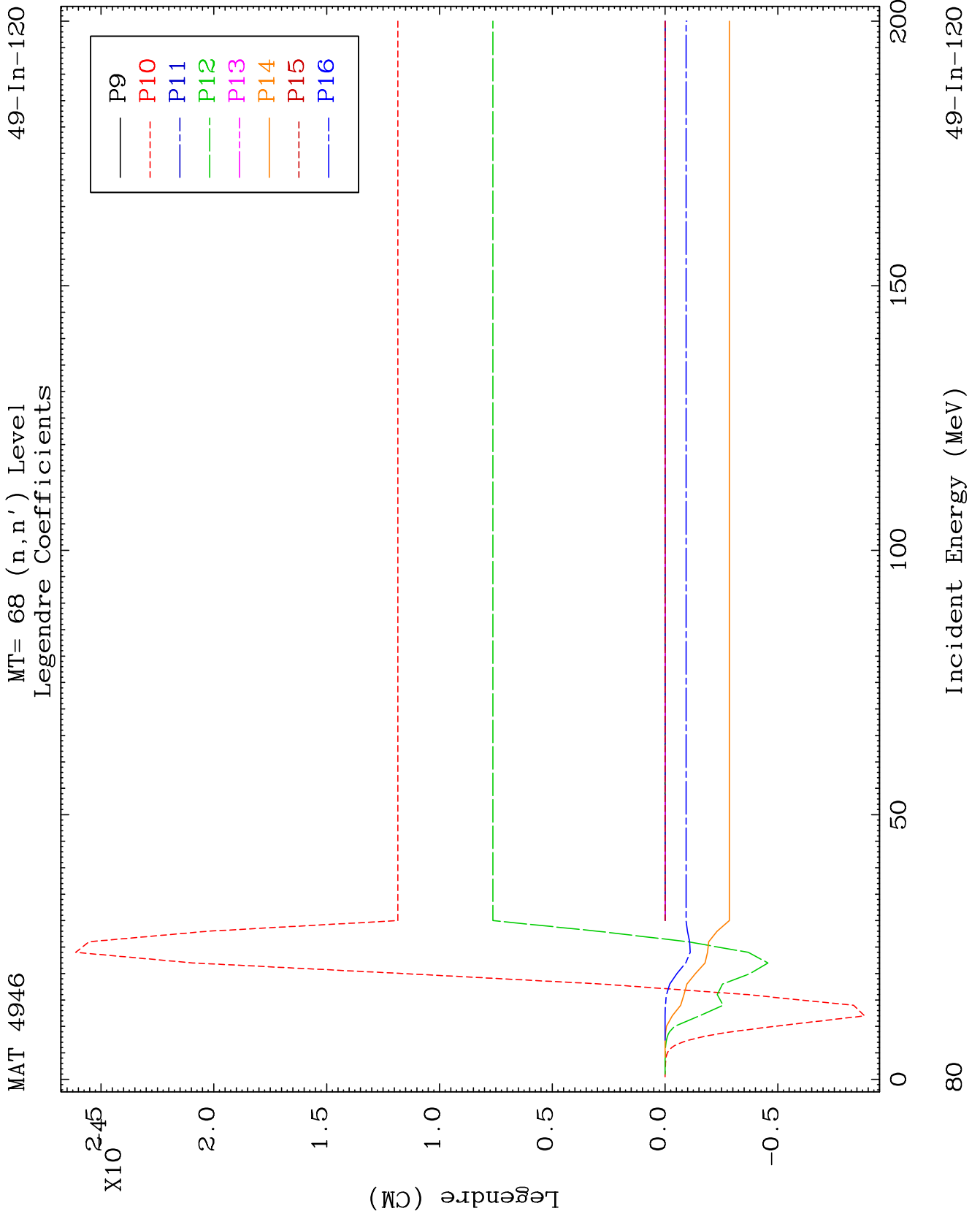
49-In-120

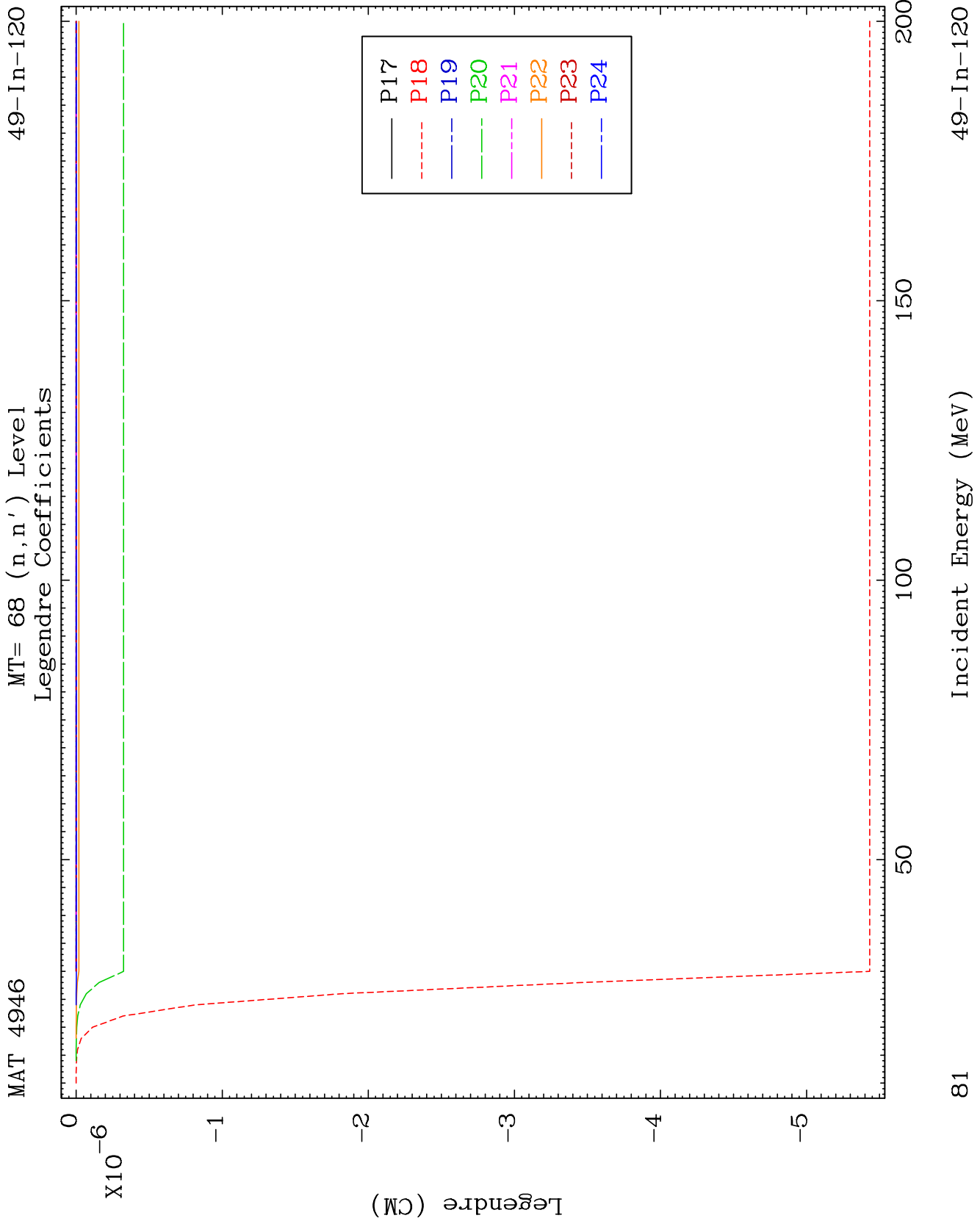


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Incident Energy (MeV)

49-In-120

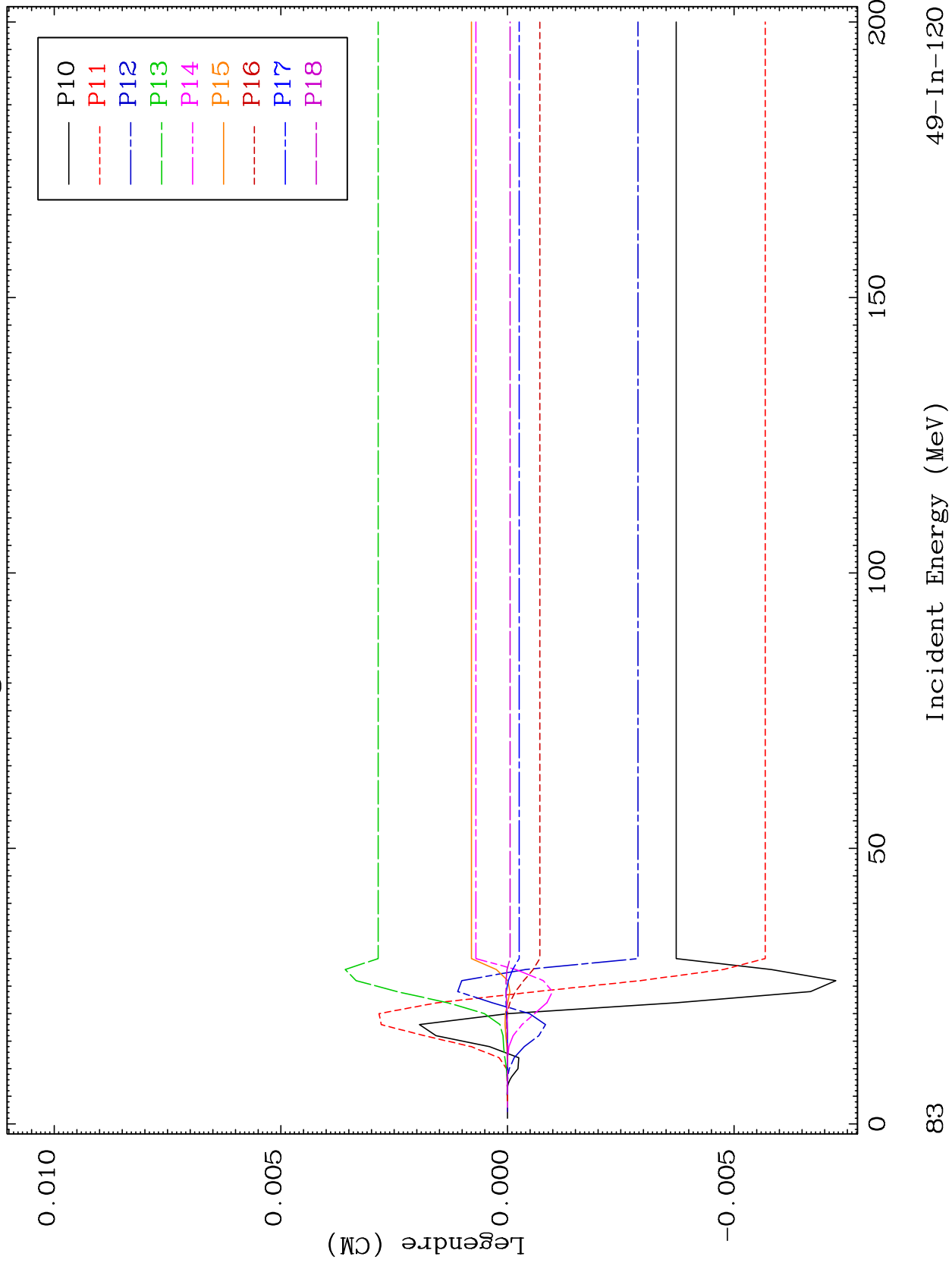


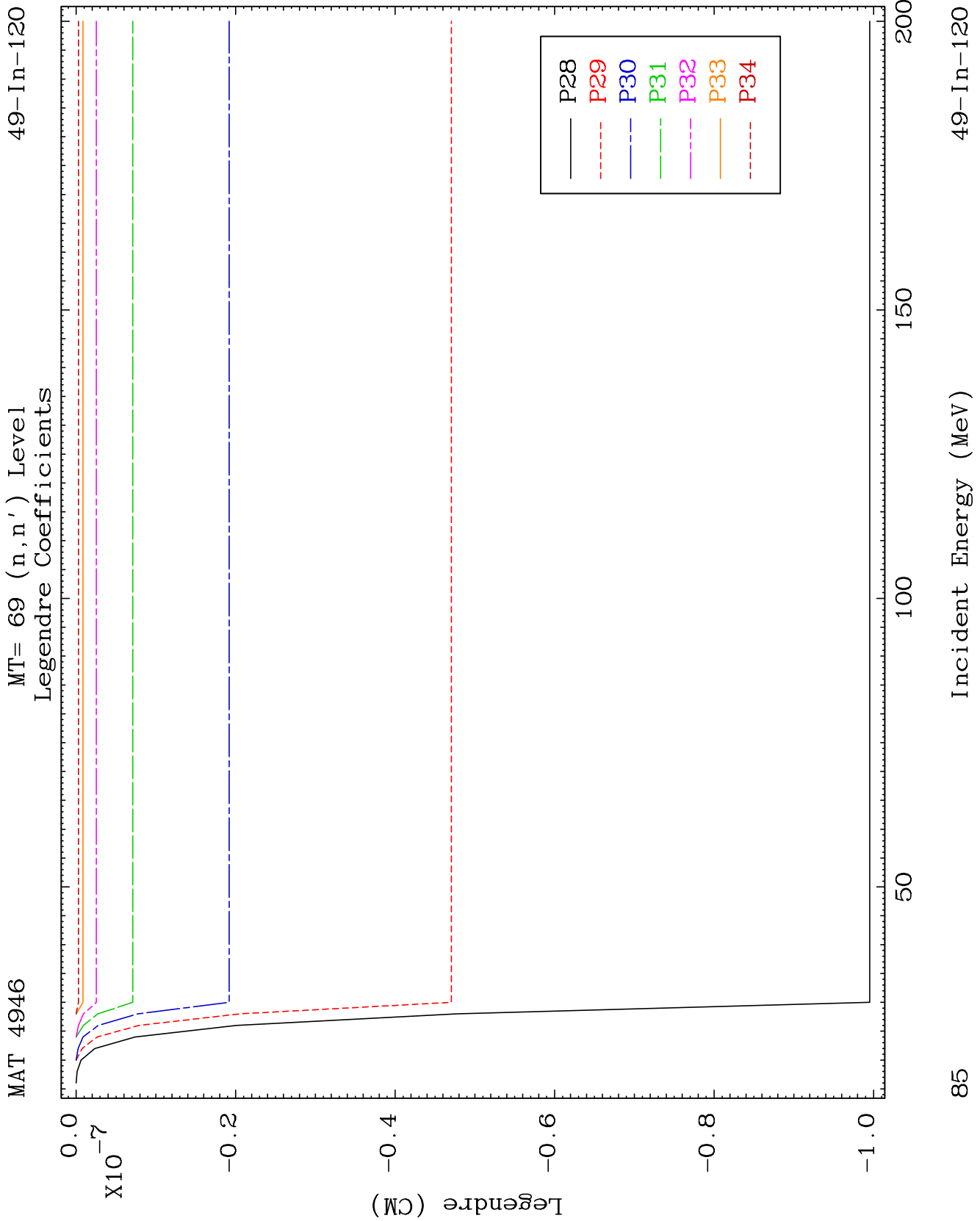


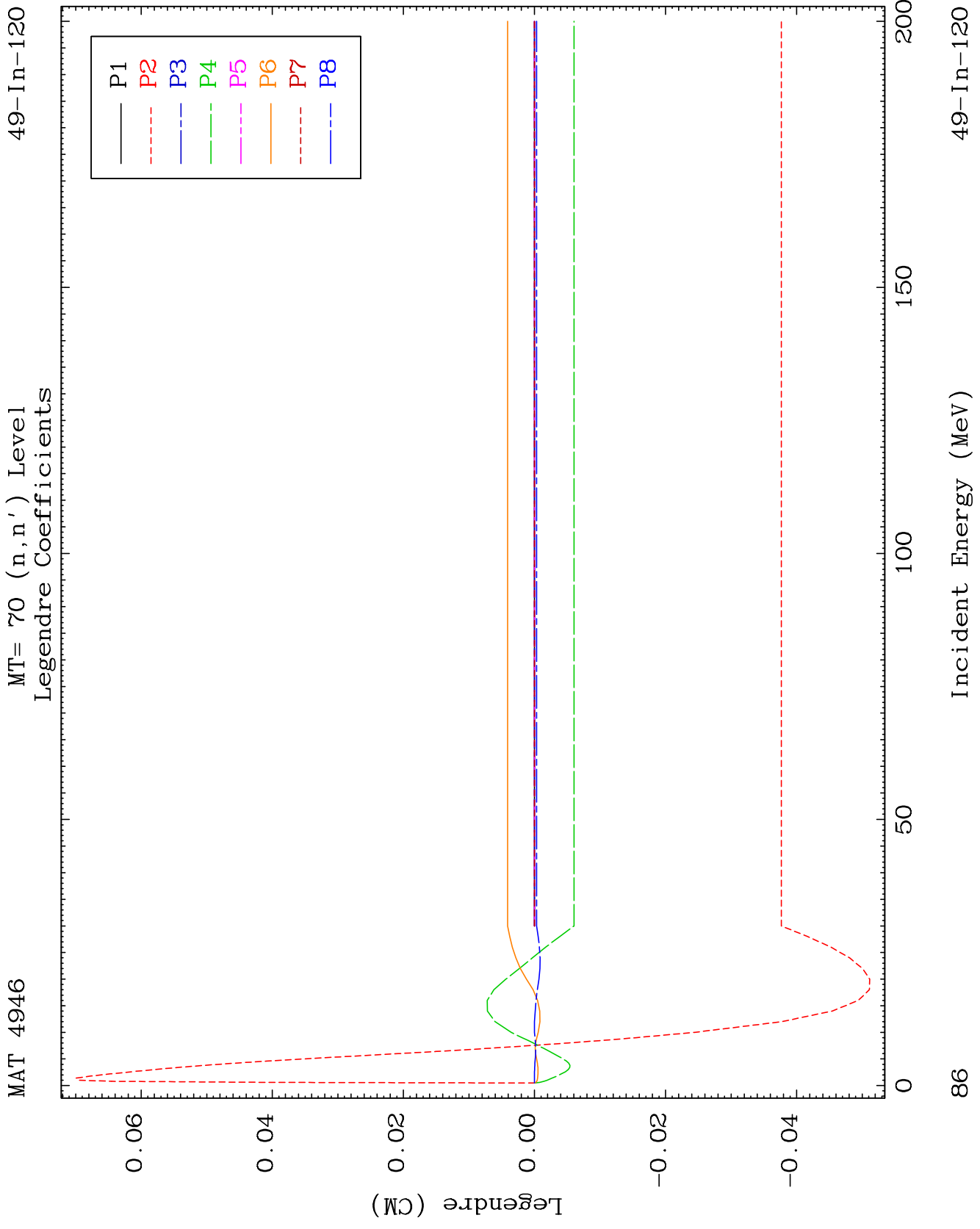
MAT 4946

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

49-In-120



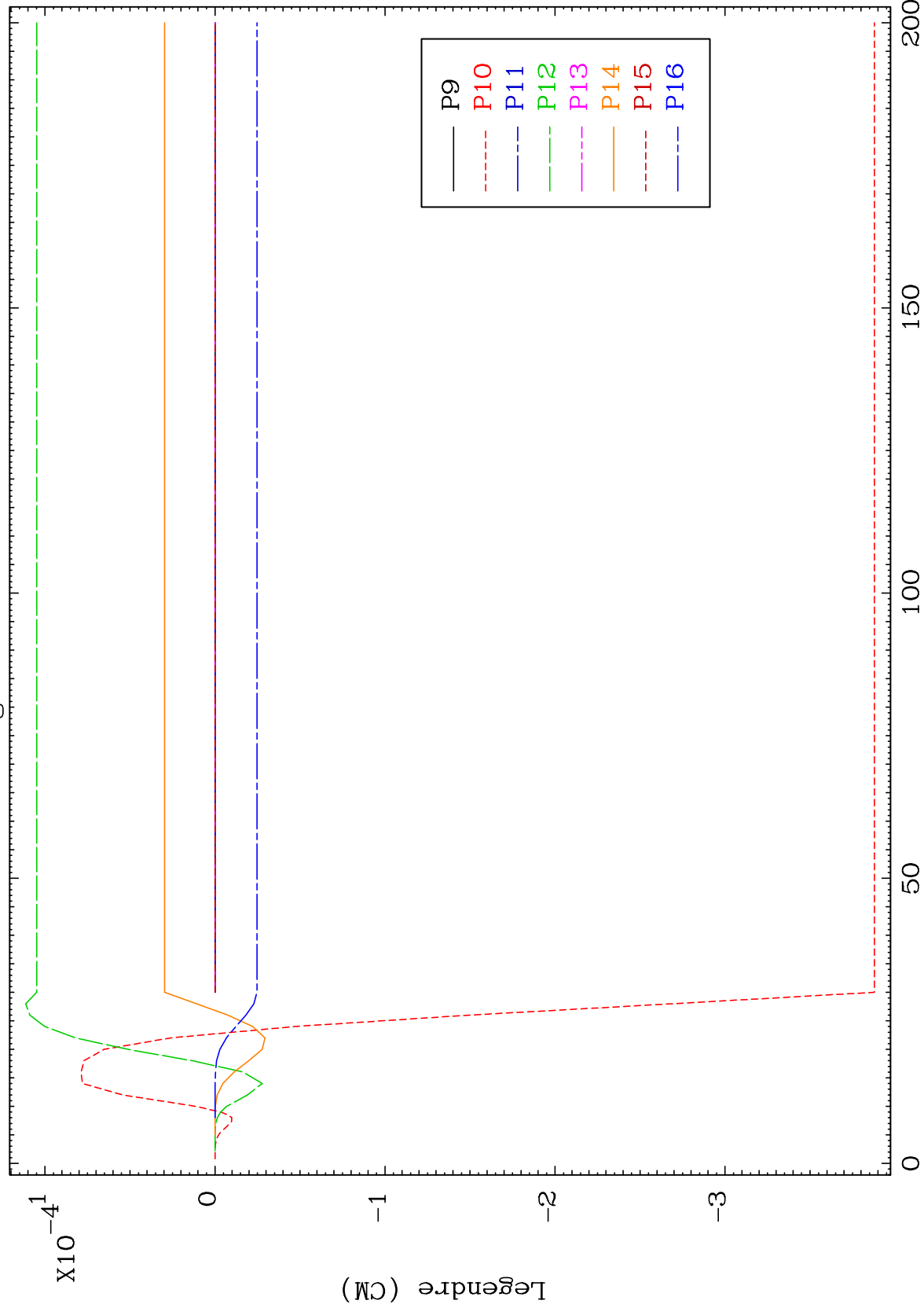




MAT 4946

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

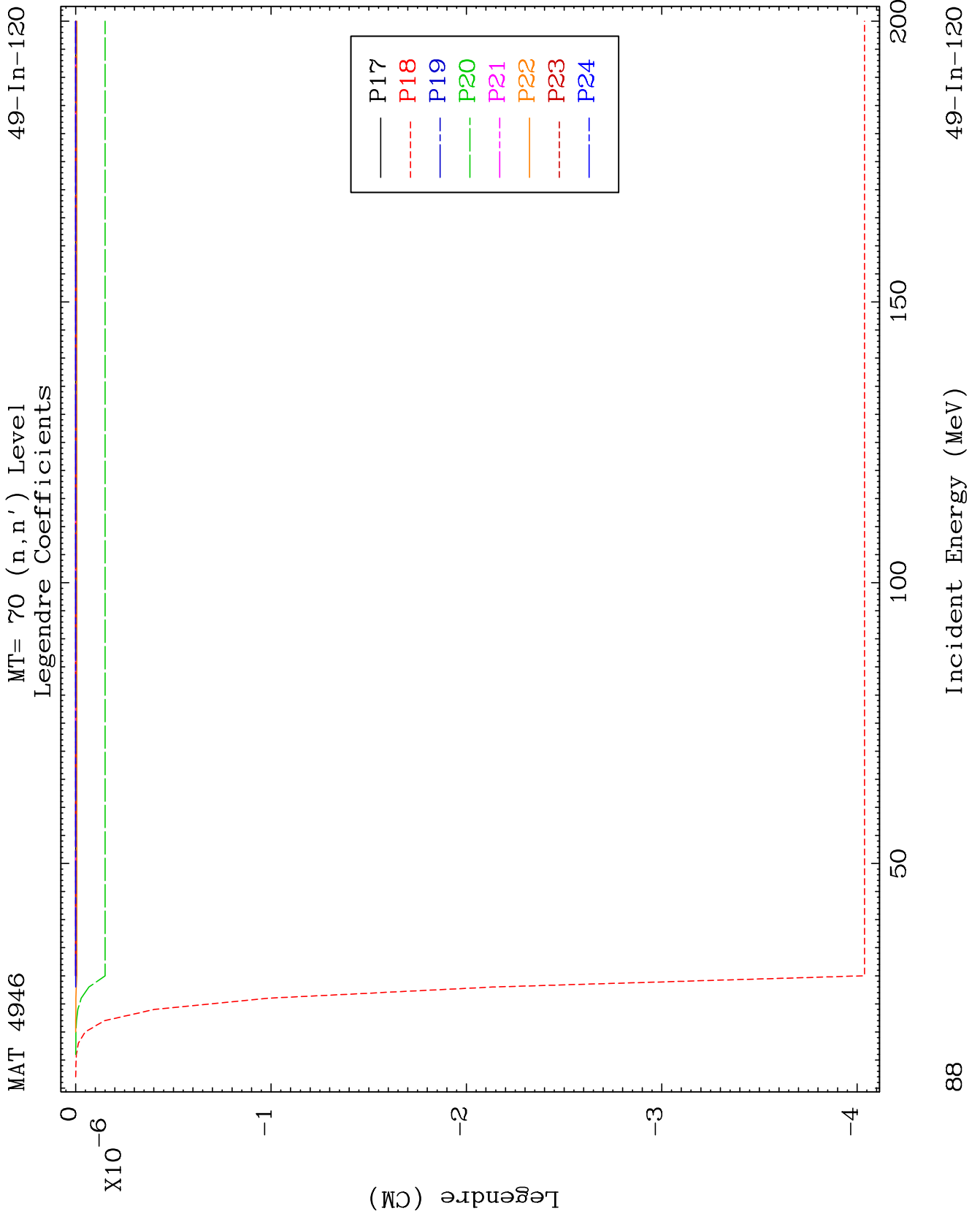
49-In-120



87

Incident Energy (MeV)

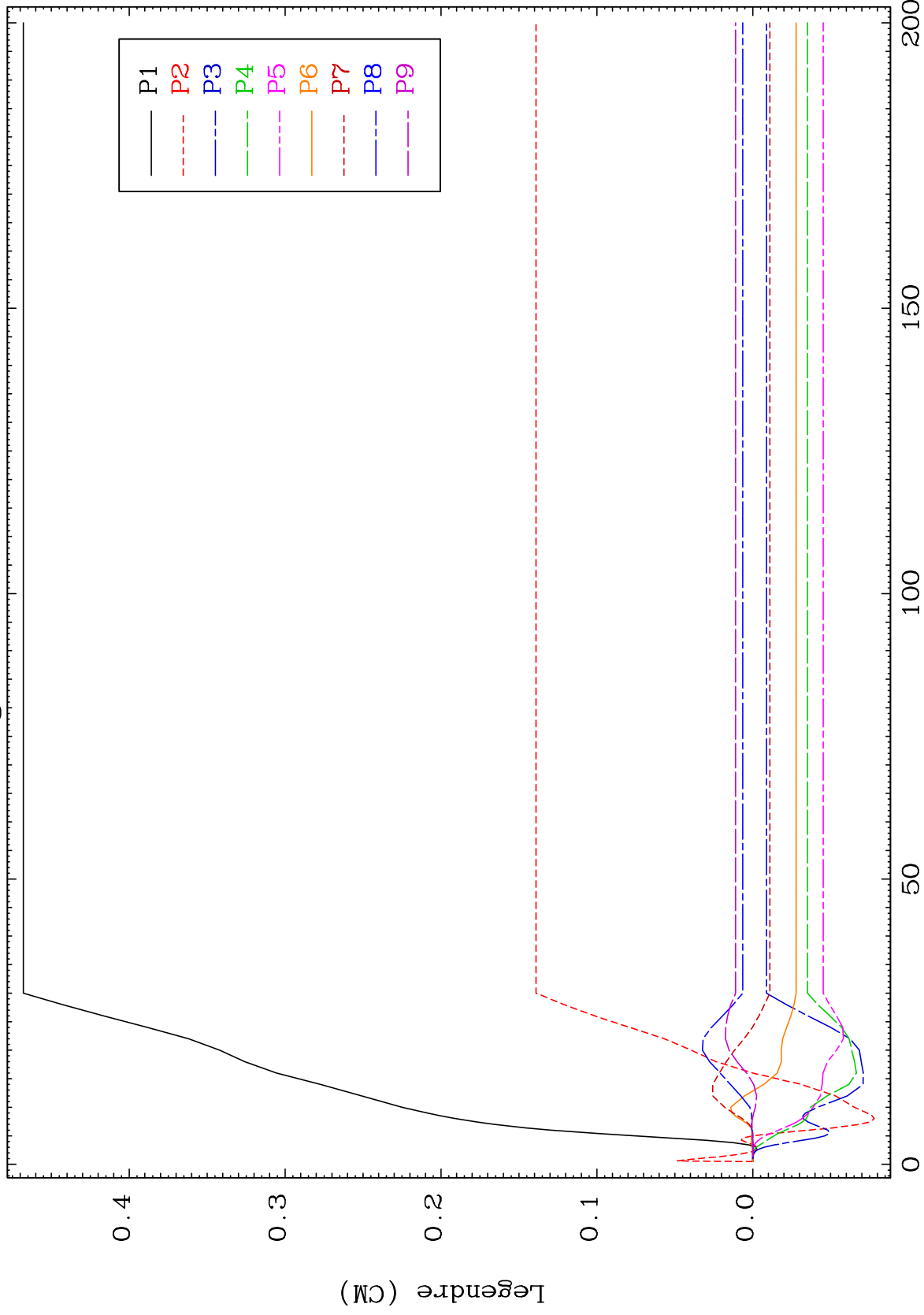
49-In-120



MAT 4946

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

49-In-120



89

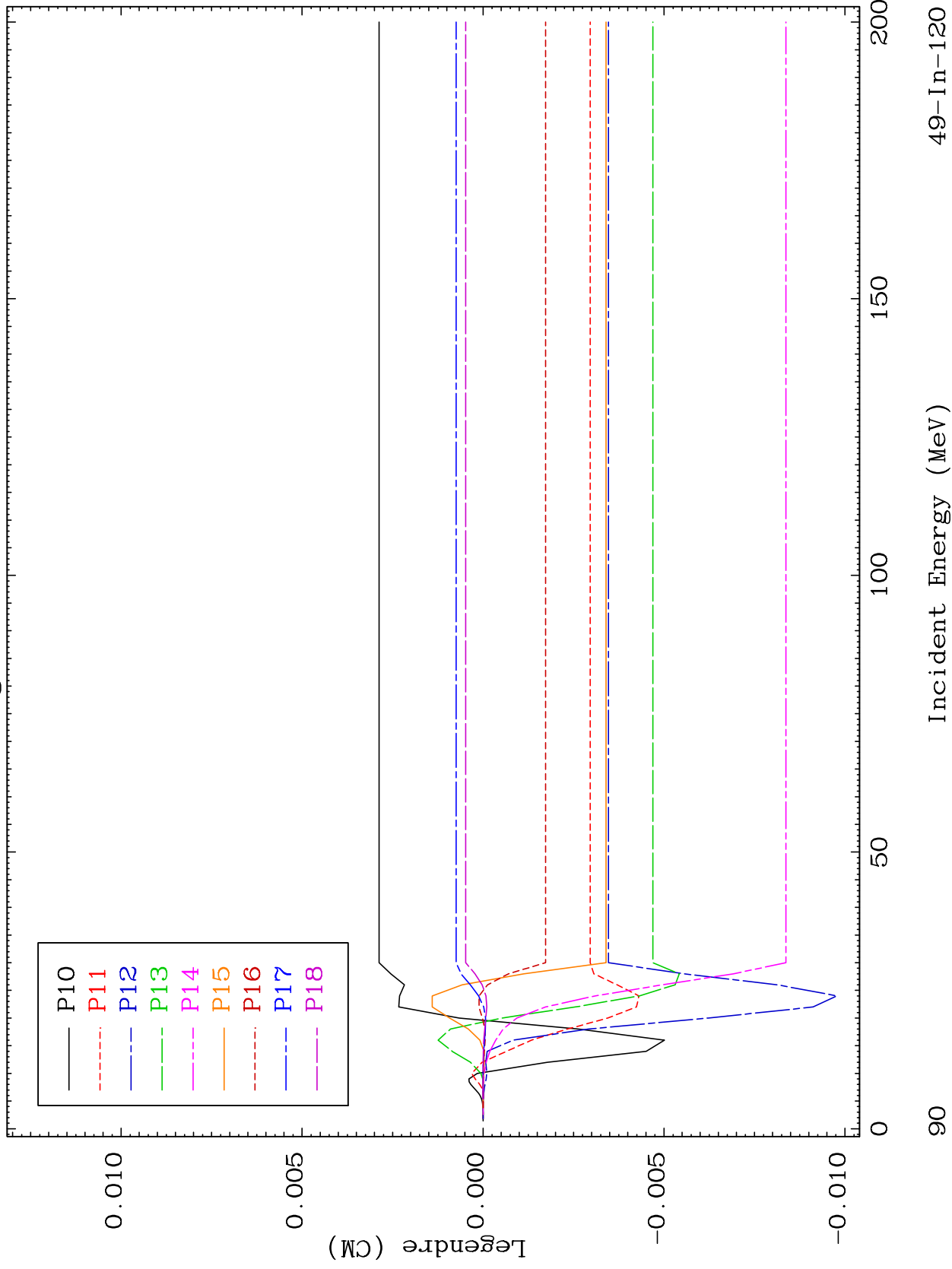
Incident Energy (MeV)

49-In-120

MAT 4946

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

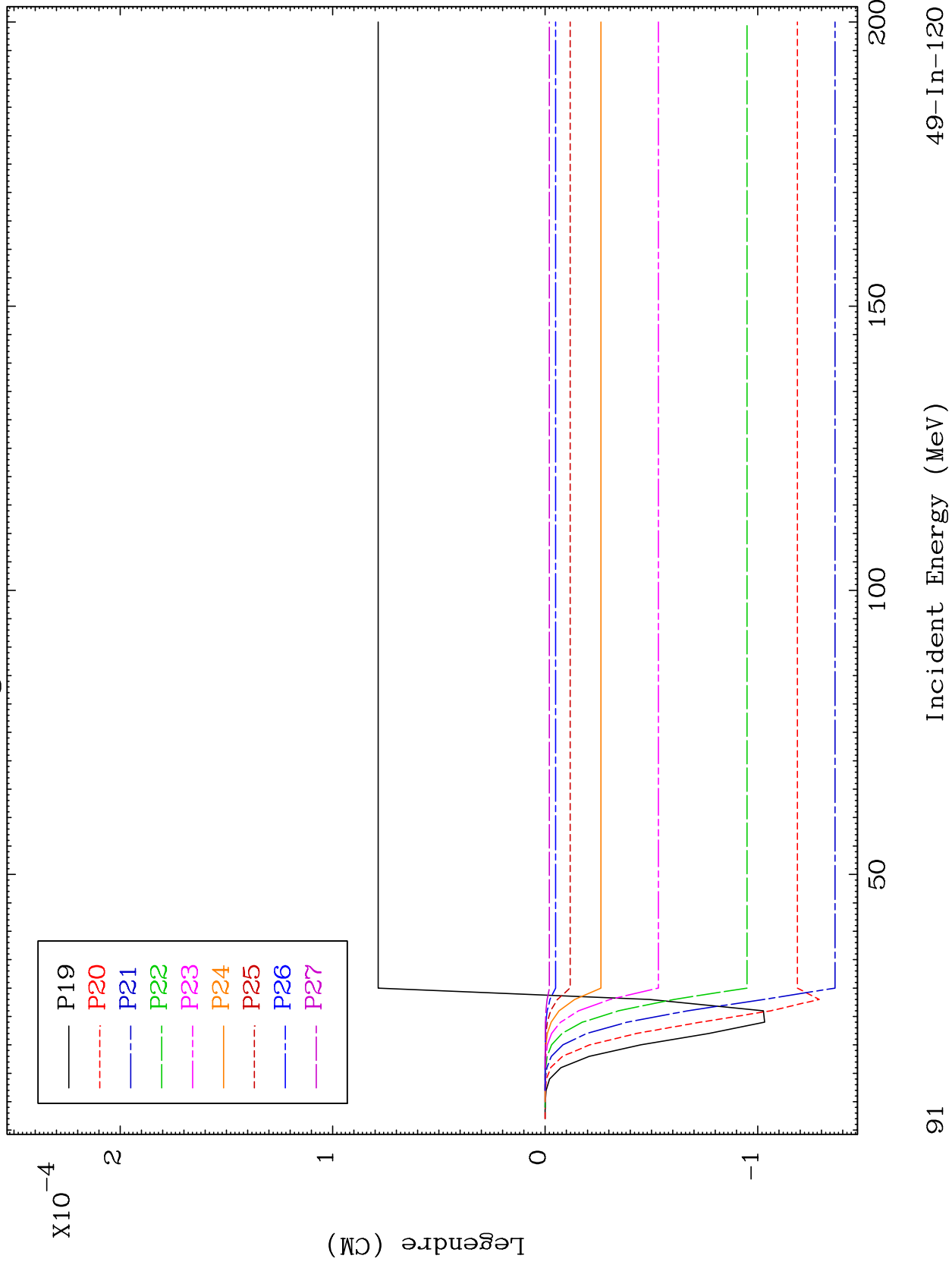
49-In-120

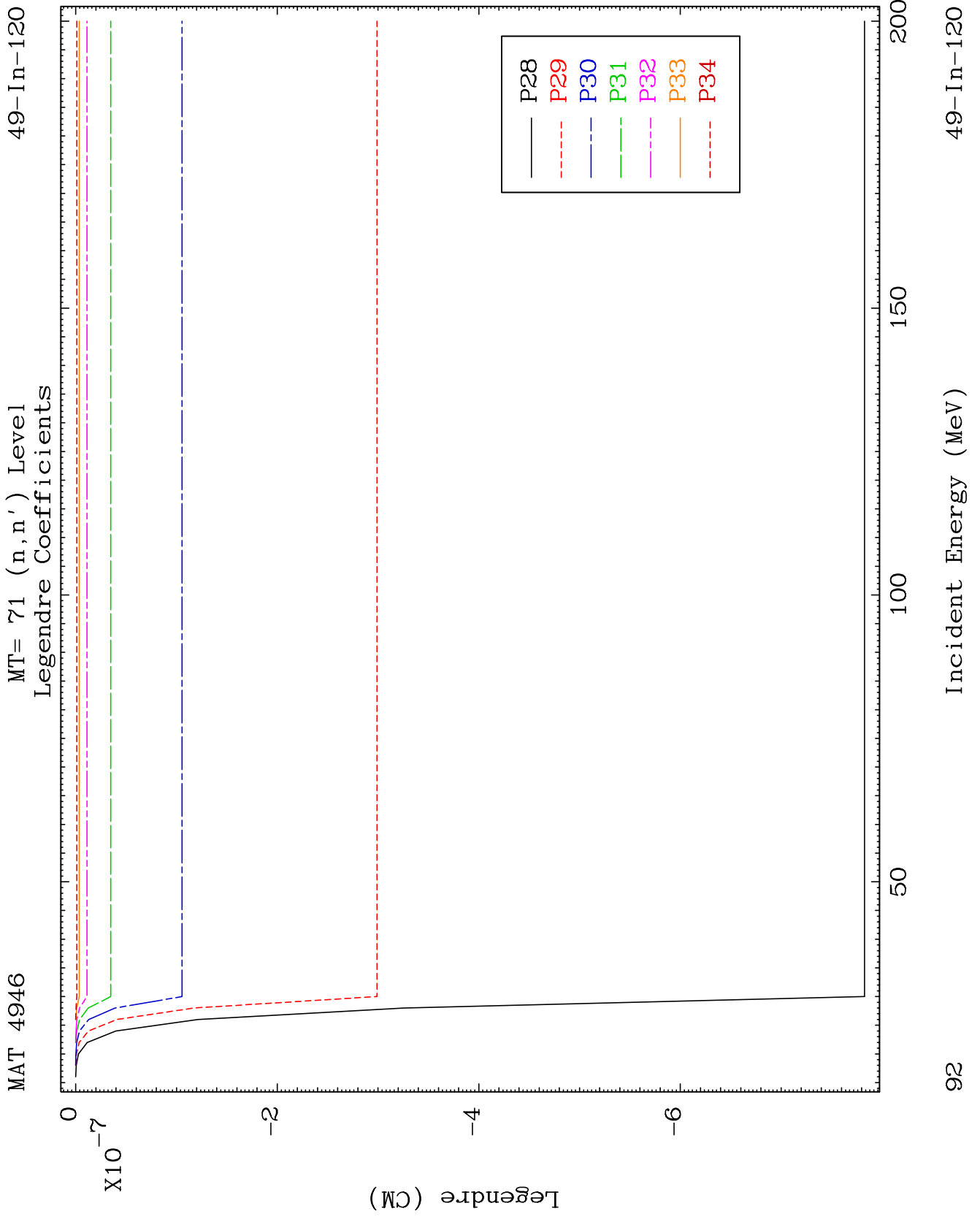


MAT 4946

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

49-In-120

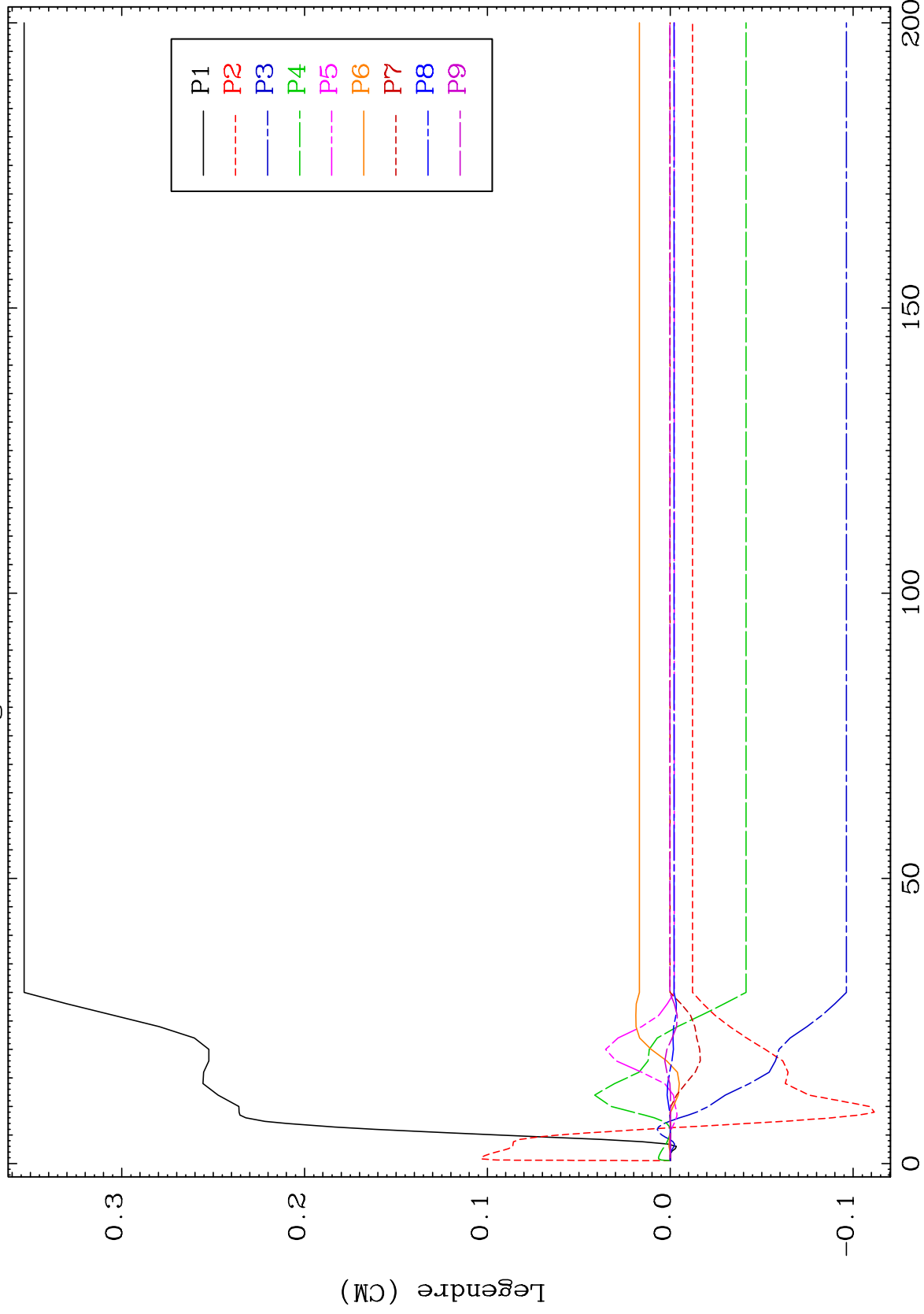




MAT 4946

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

49-In-120



93

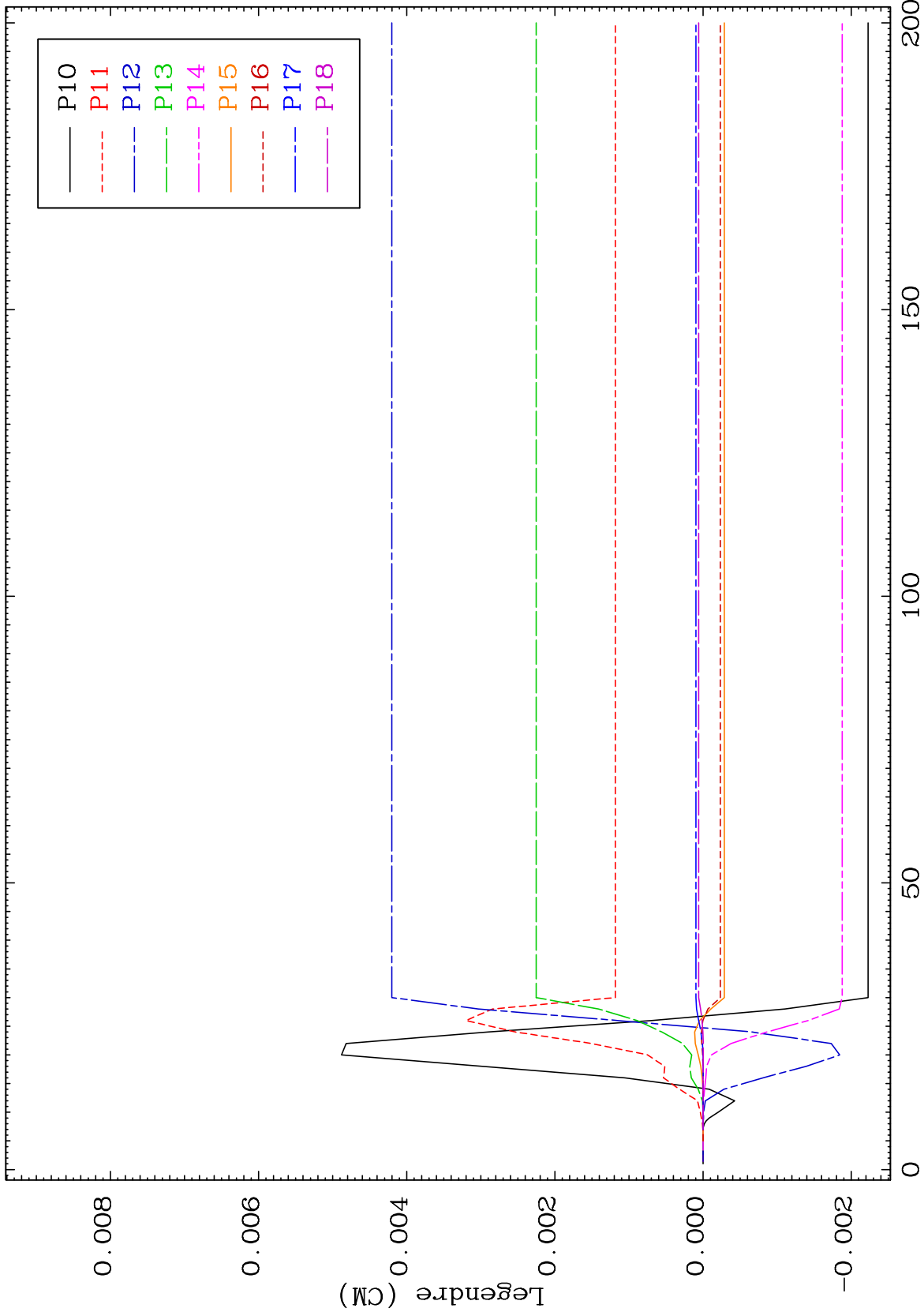
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



94

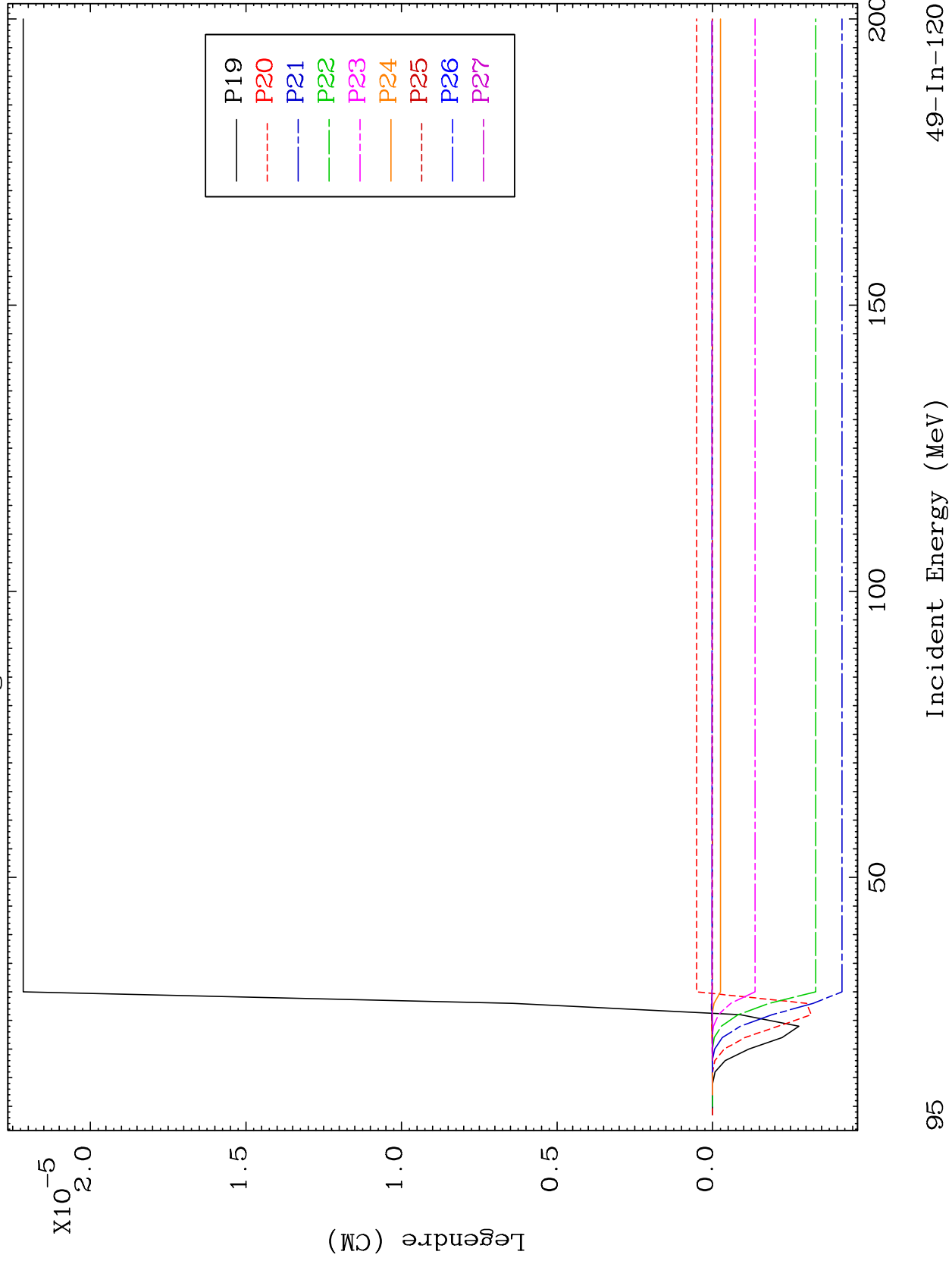
Incident Energy (MeV)

49-In-120

MAT 4946

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

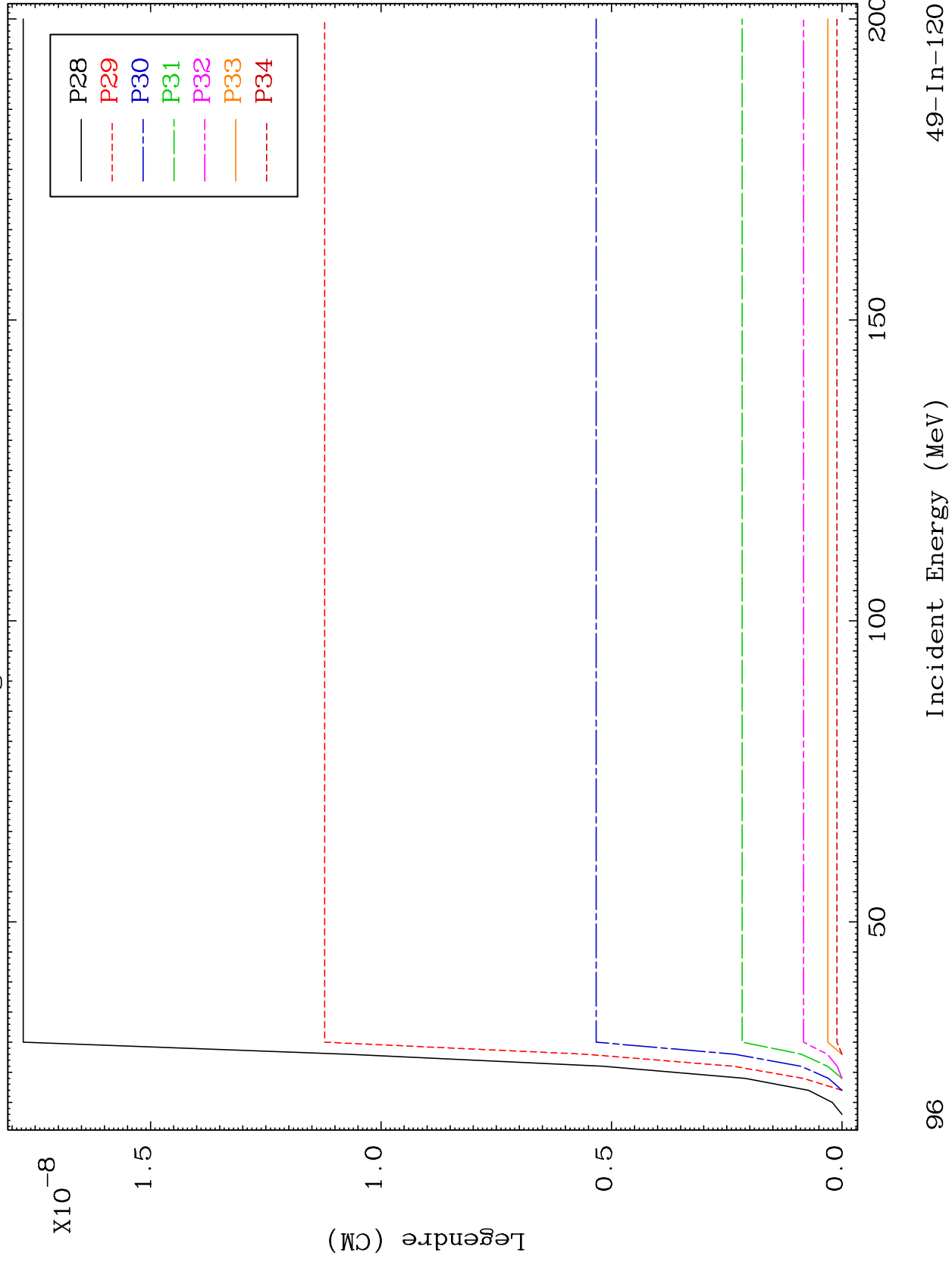
49-In-120



MAT 4946

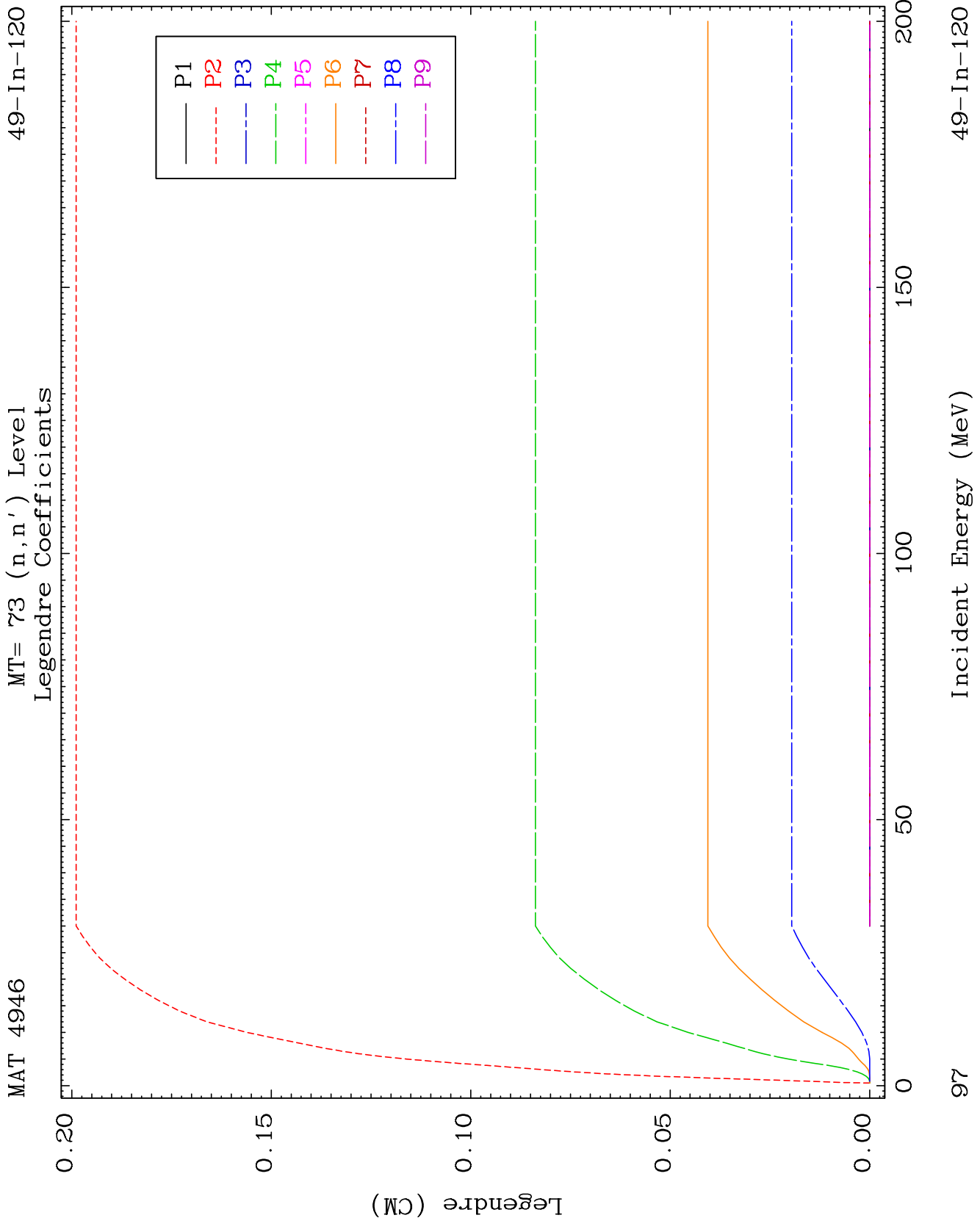
MT= 72 (n,n') Level
Legendre Coefficients

49-In-120



96

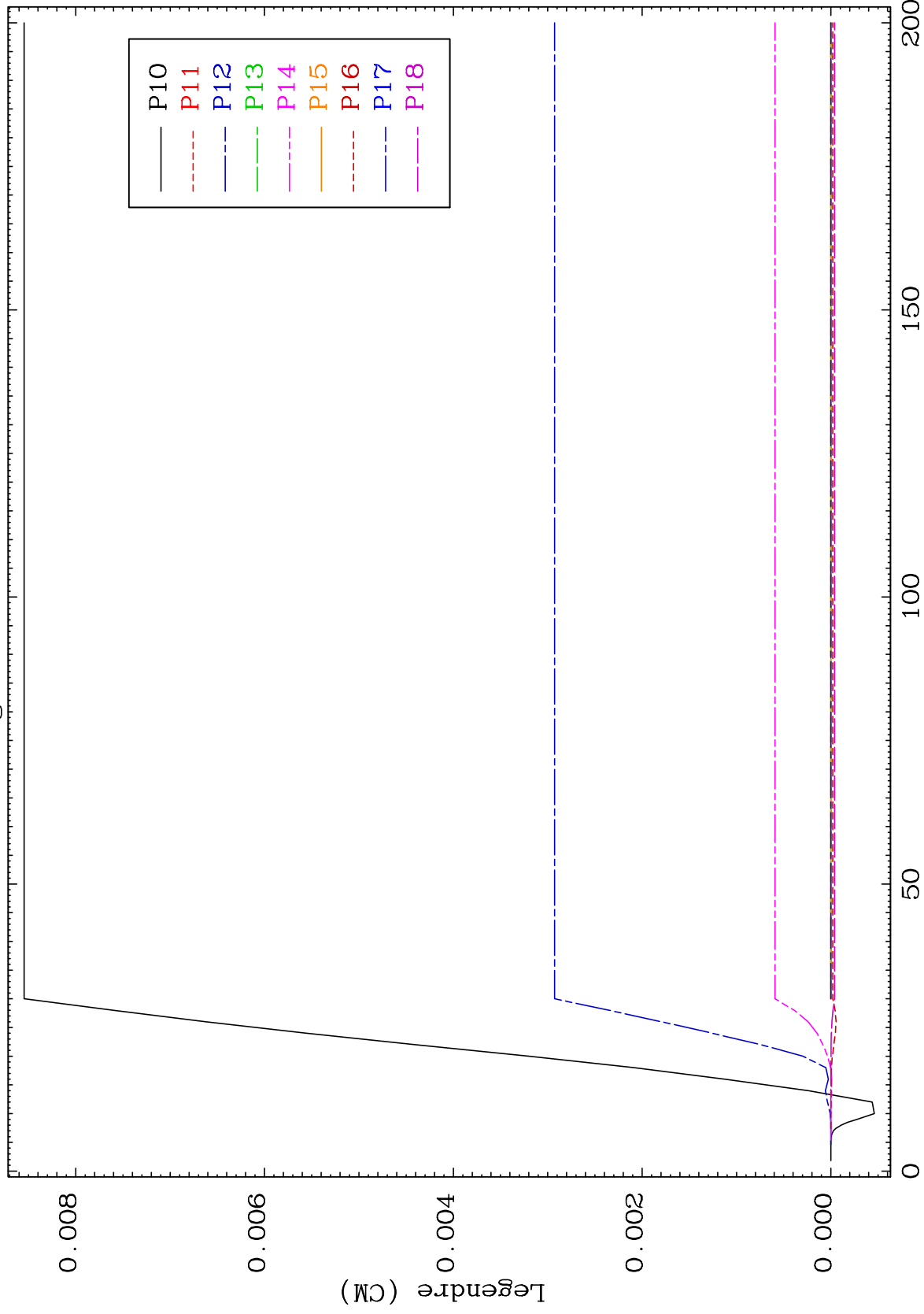
49-In-120



MAT 4946

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

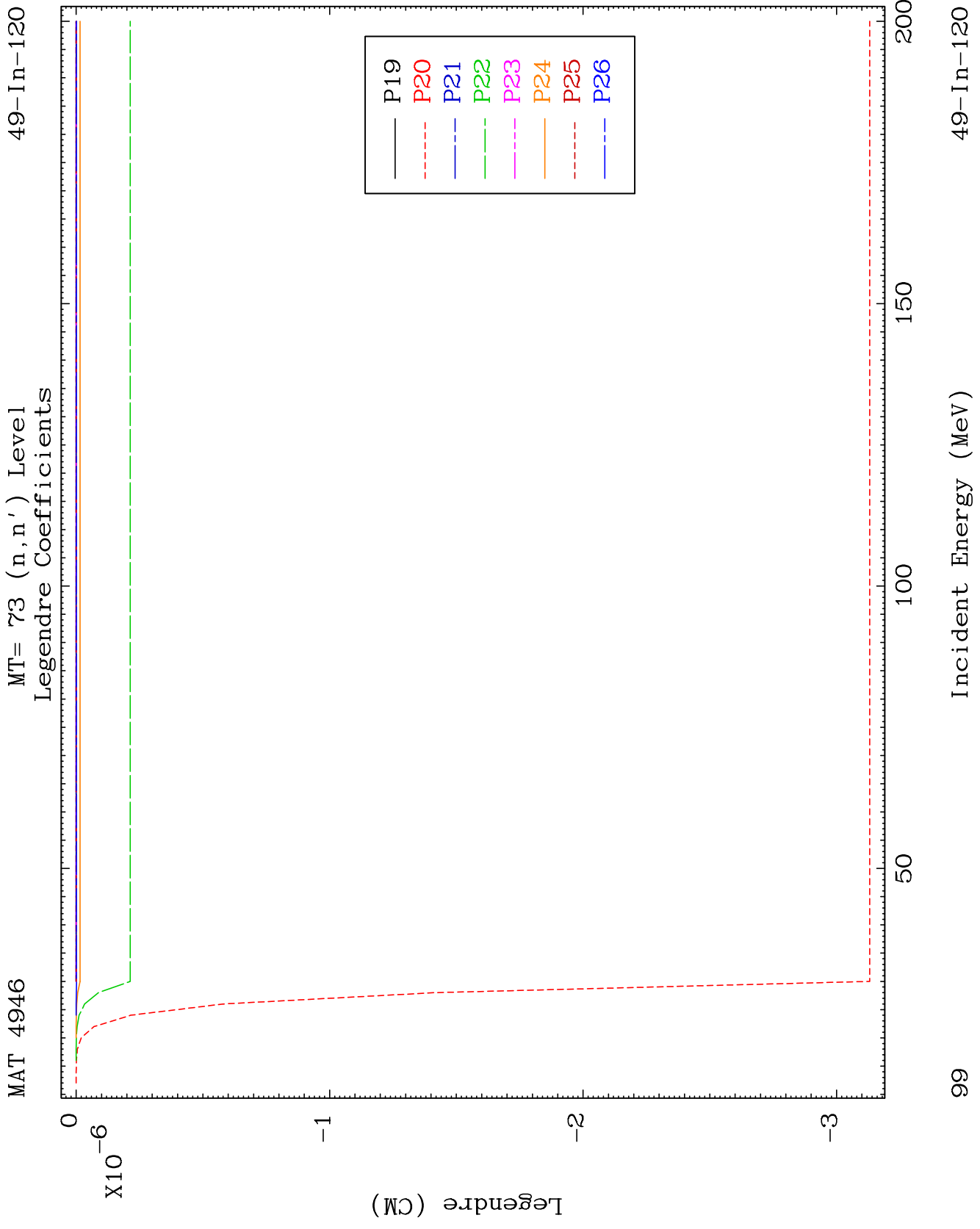
49-In-120

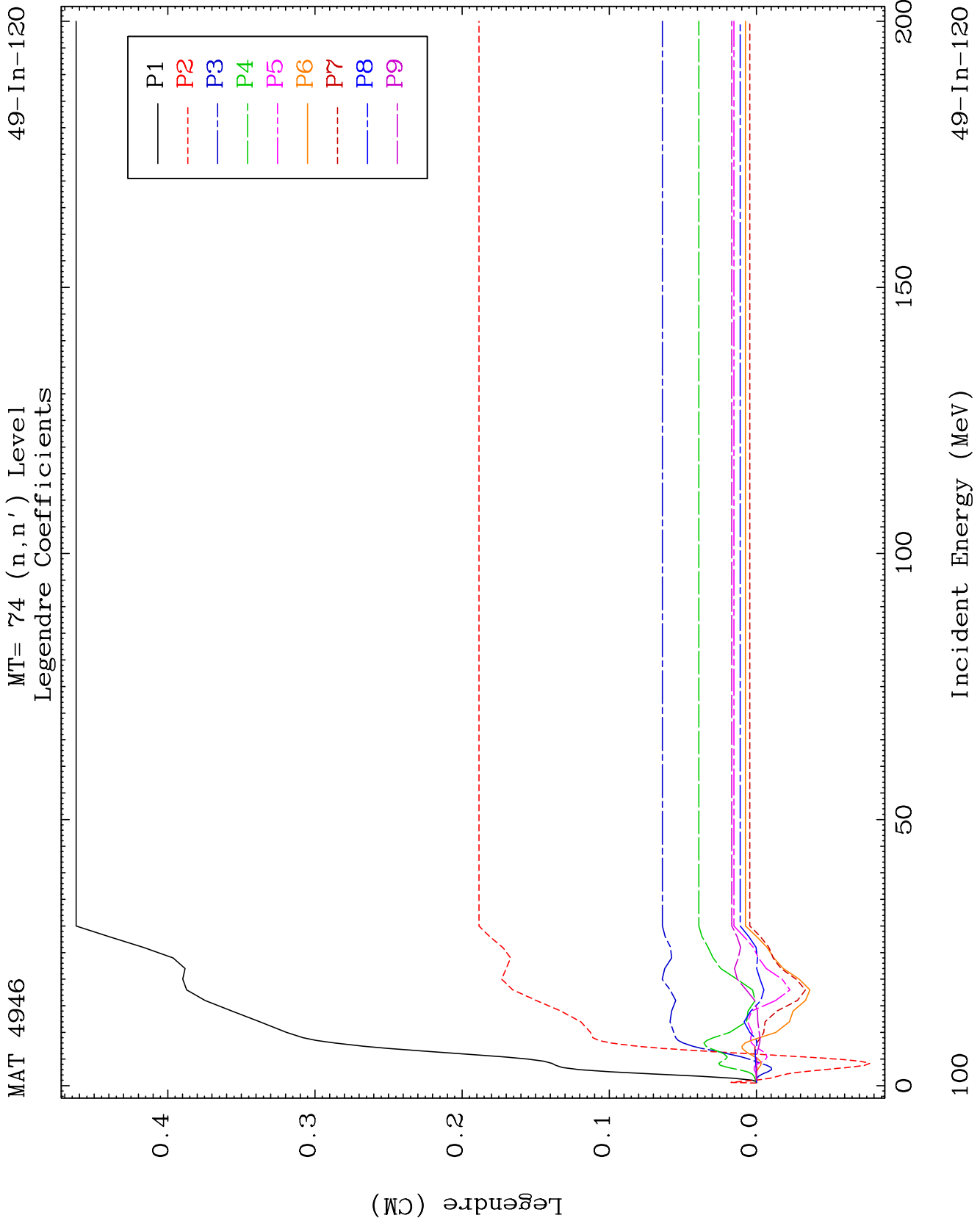


98

Incident Energy (MeV)

49-In-120

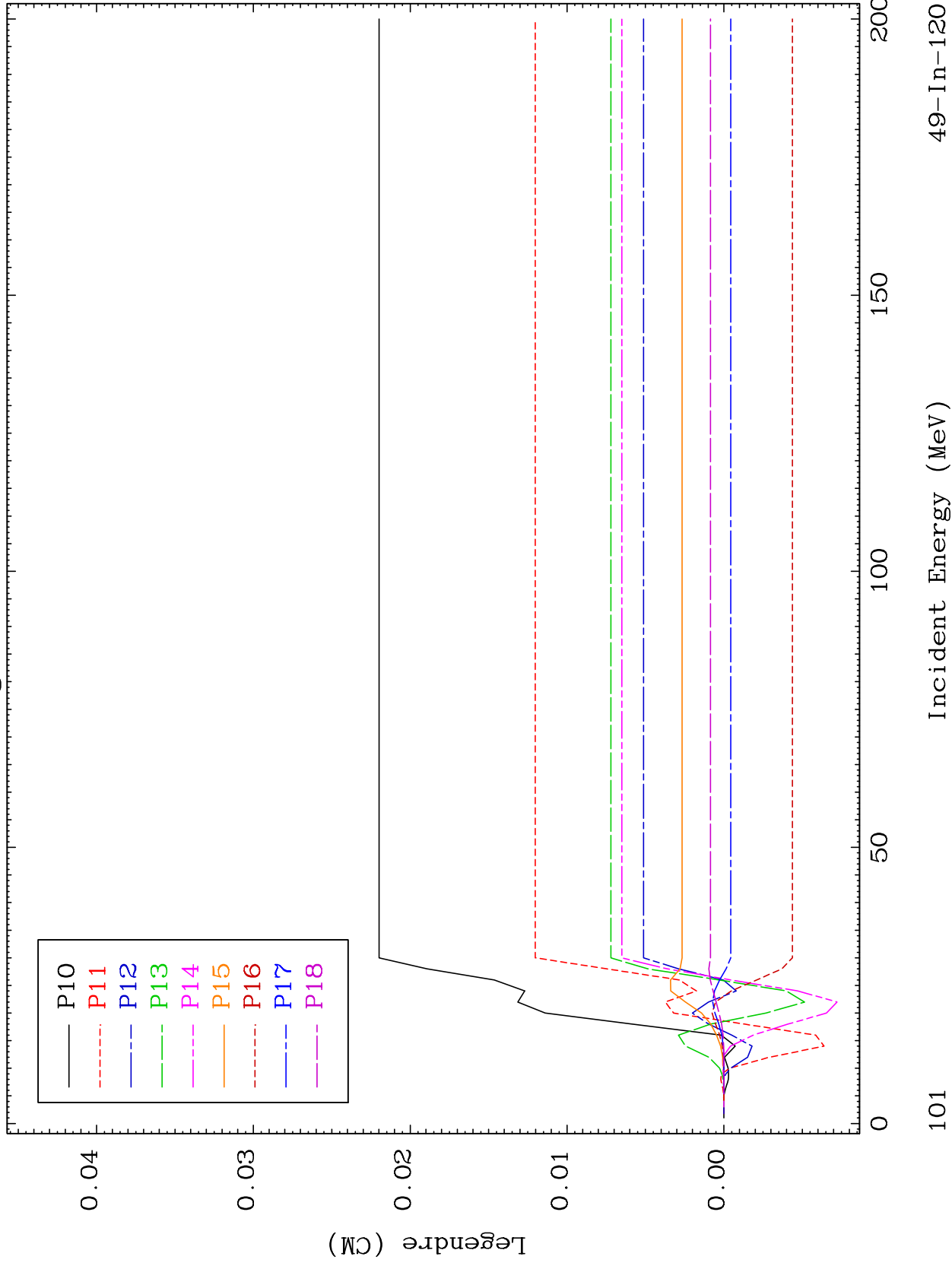




MAT 4946

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

49-In-120



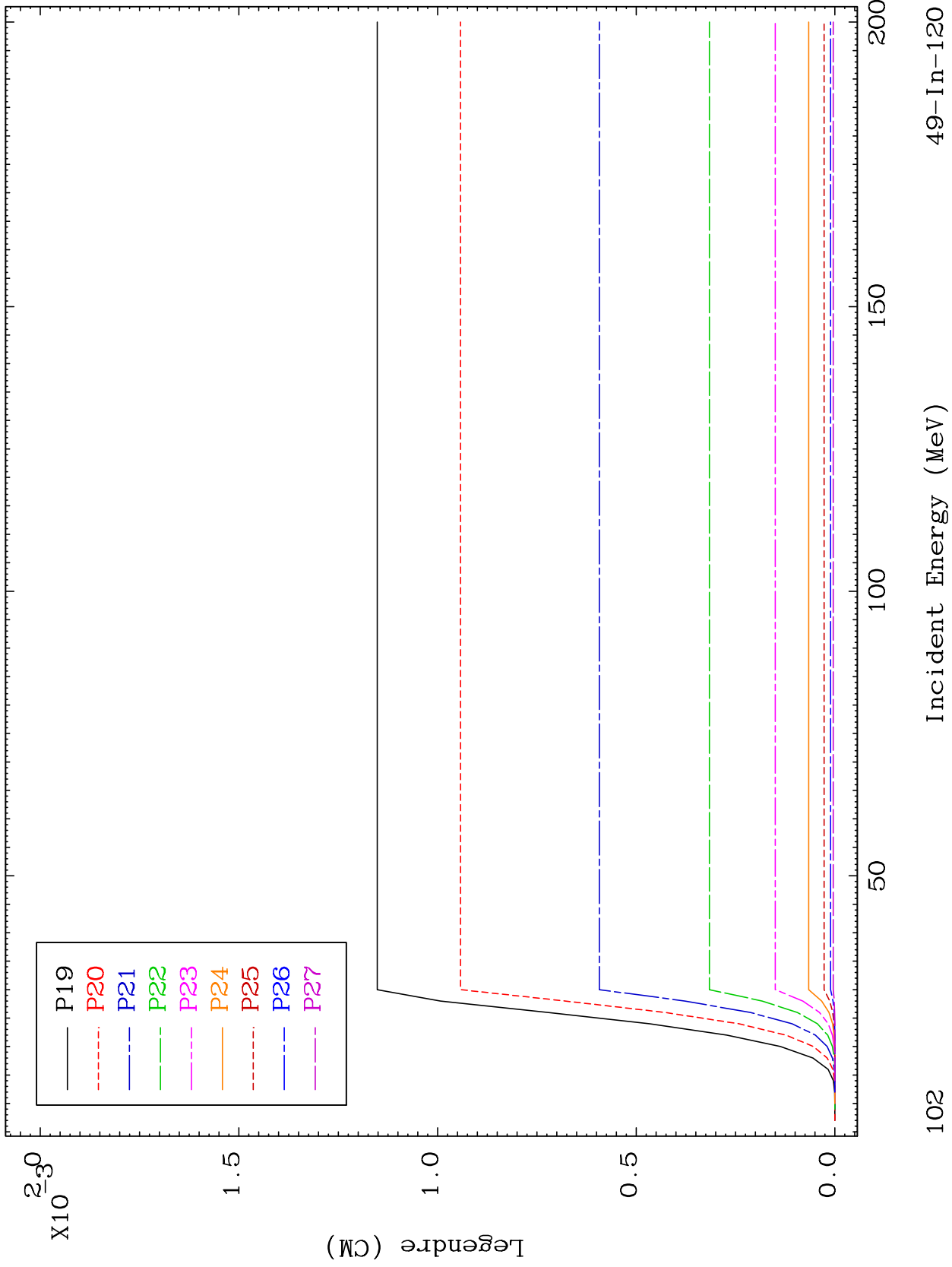
101

49-In-120

MAT 4946

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

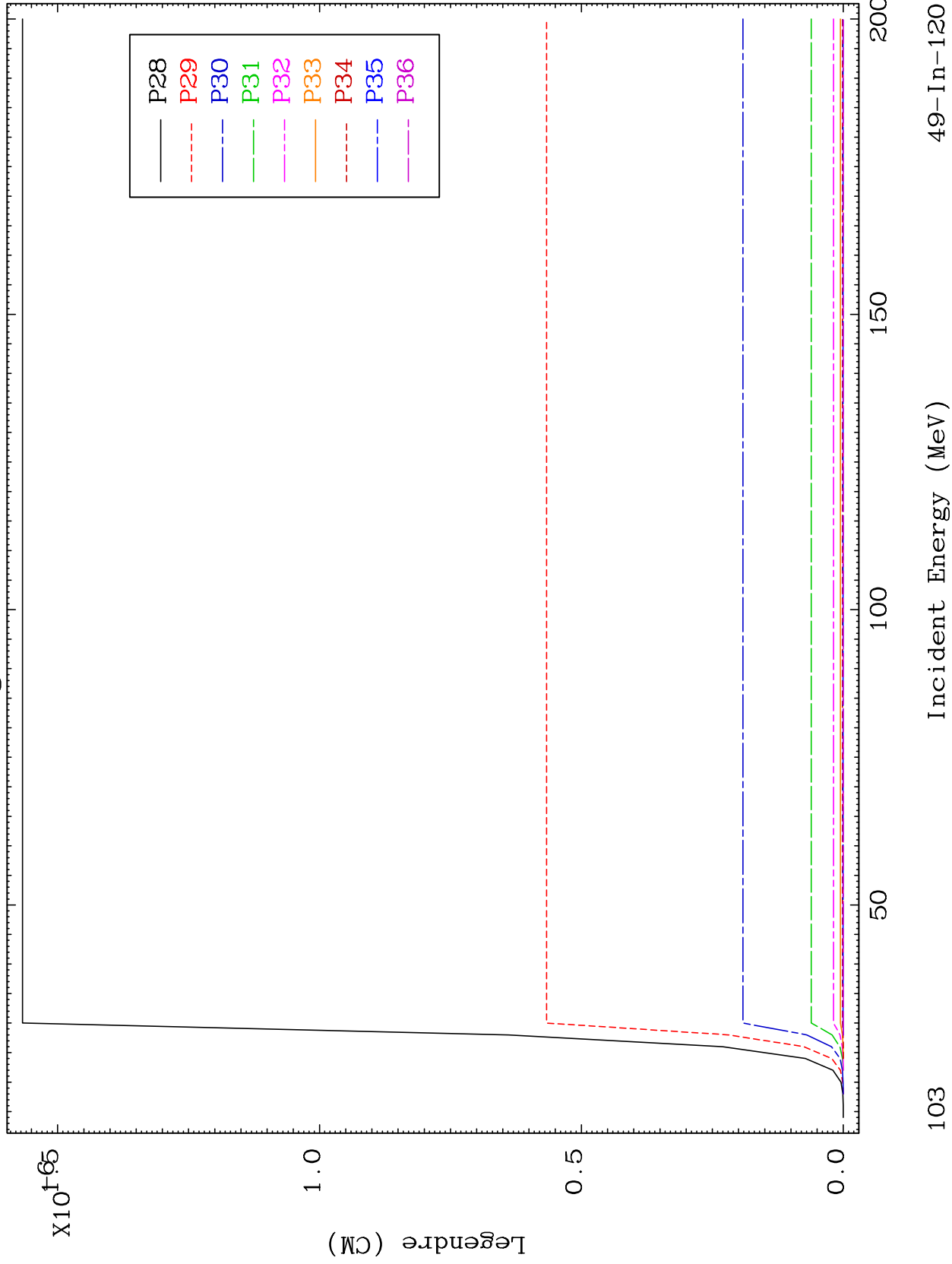
49-In-120

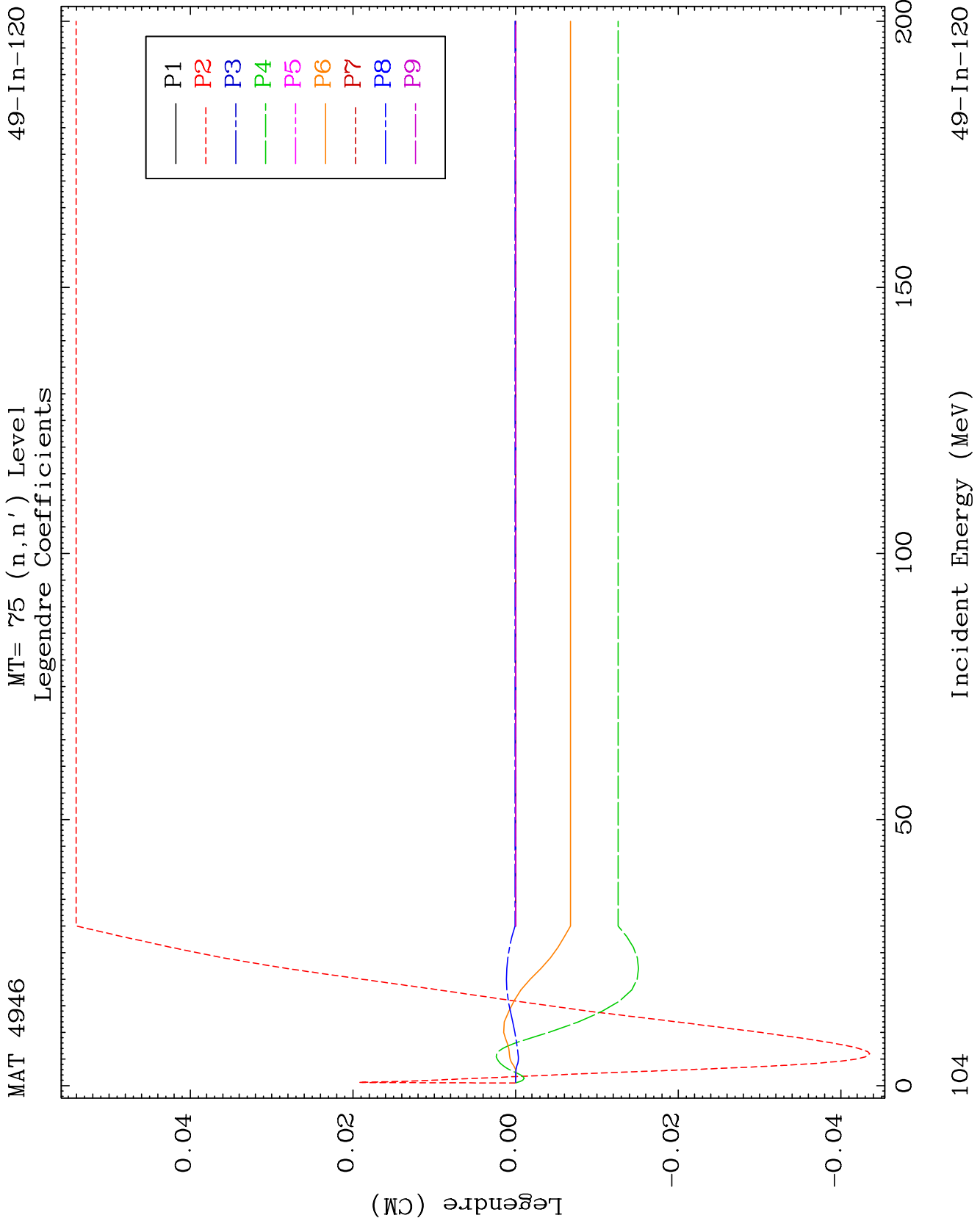


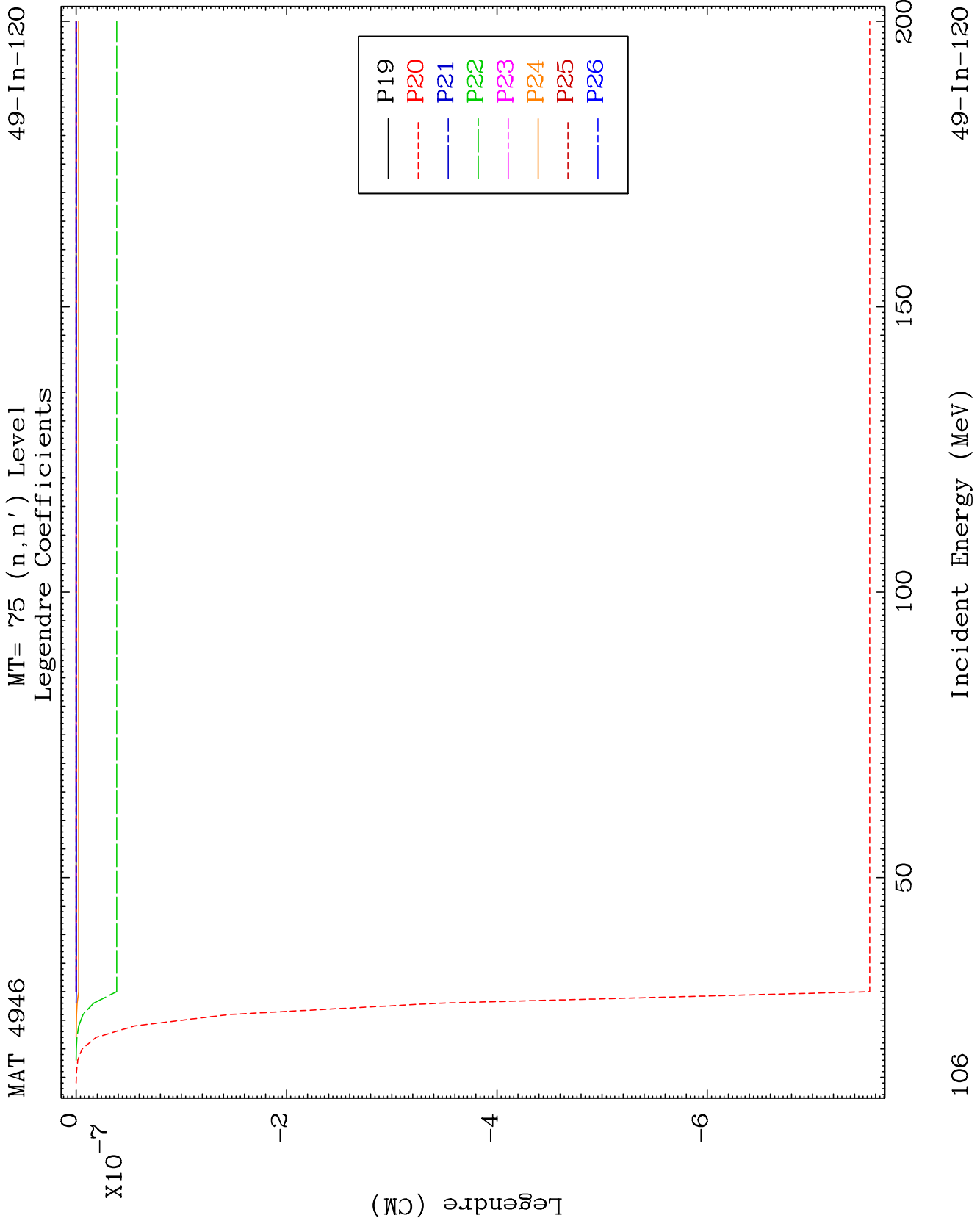
MAT 4946

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

49-In-120



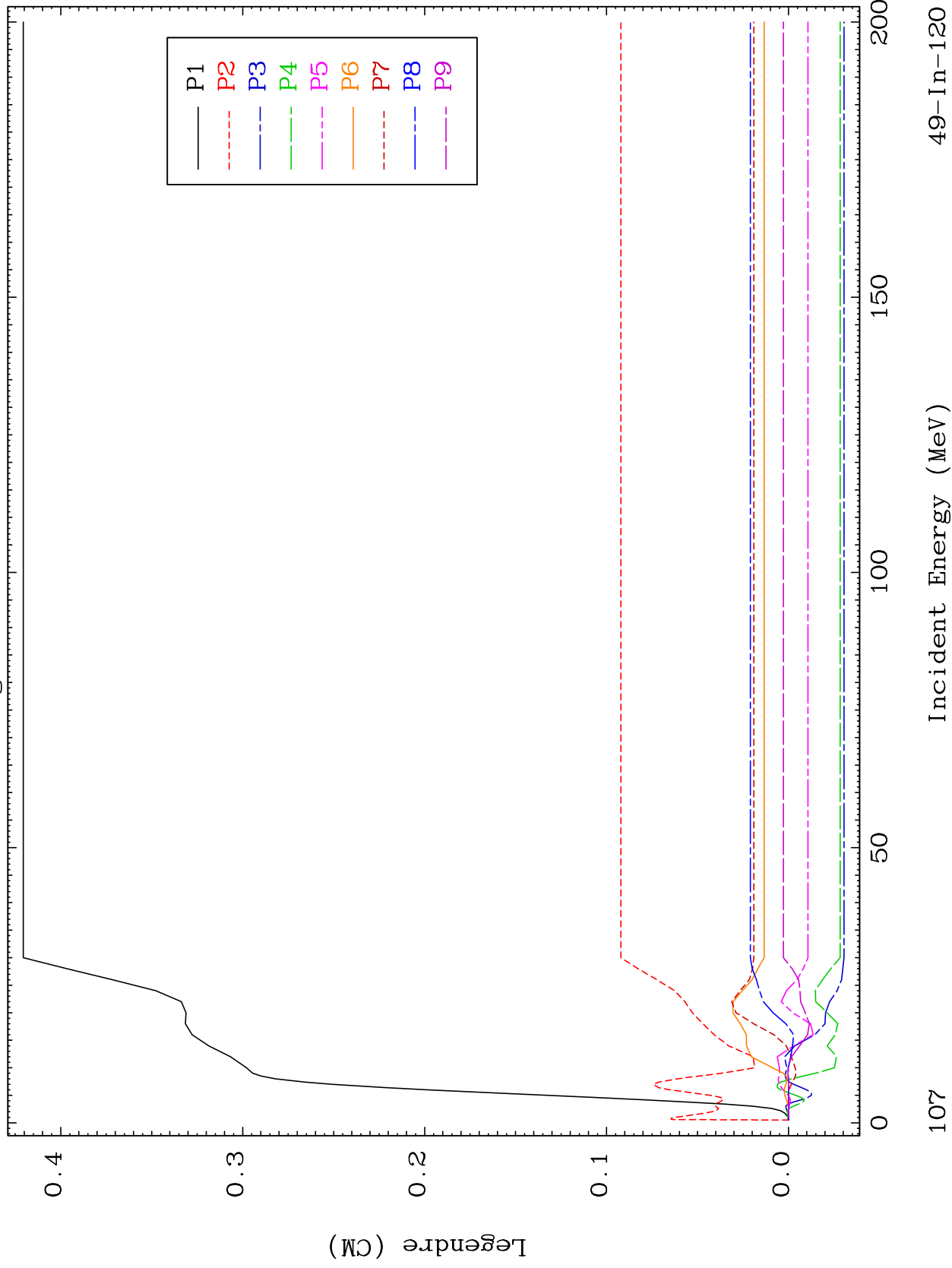


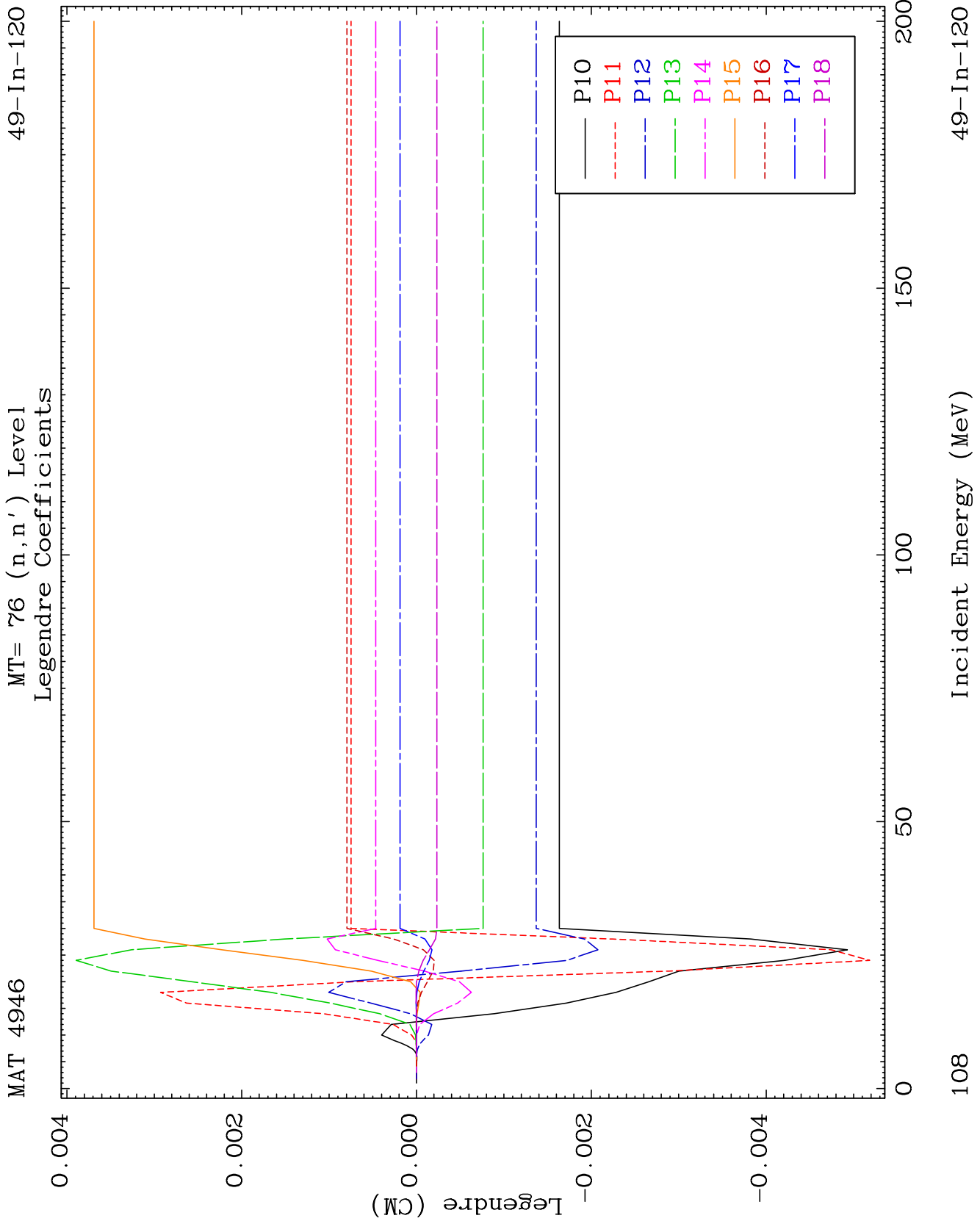


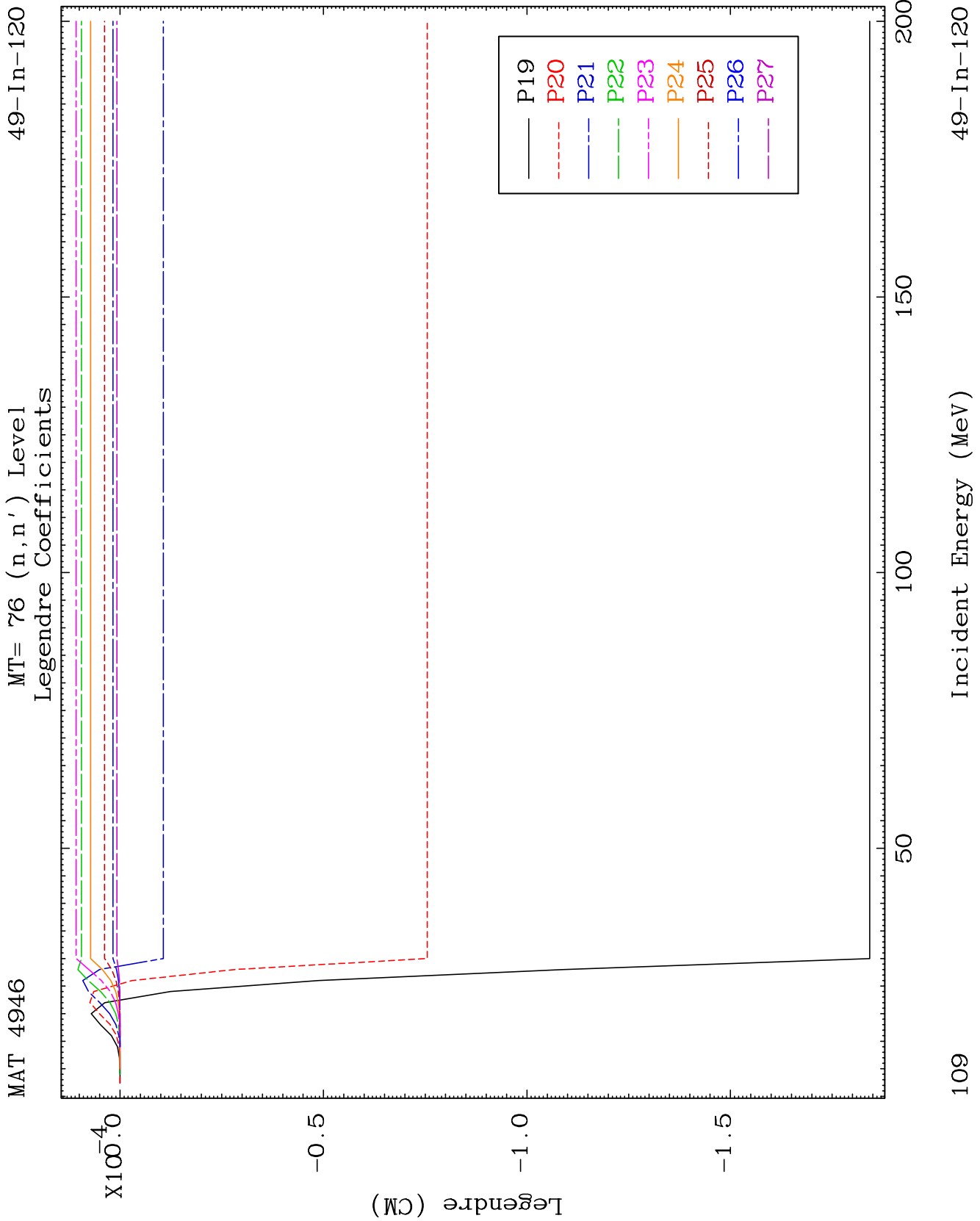
MAT 4946

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

49-In-120



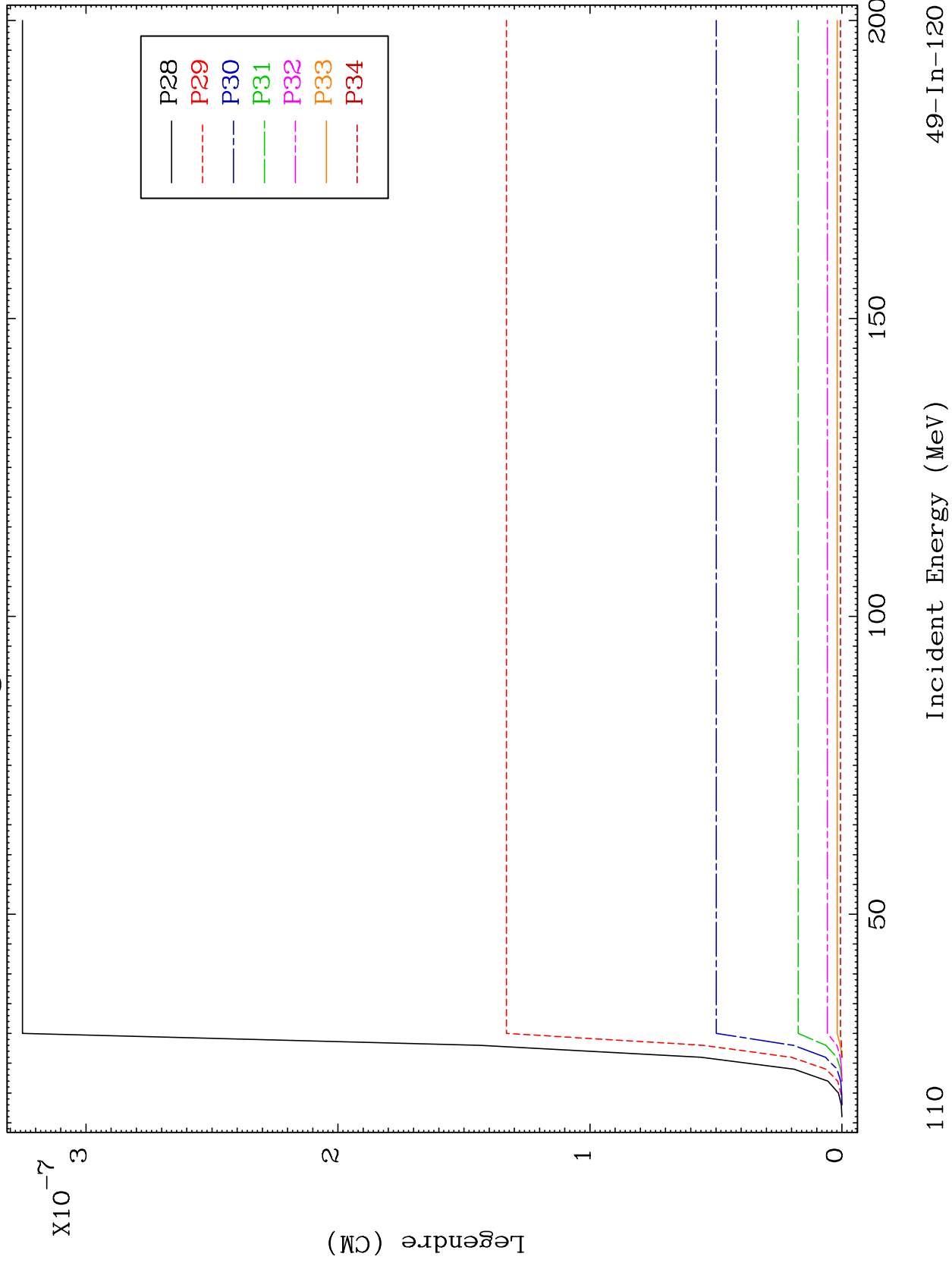


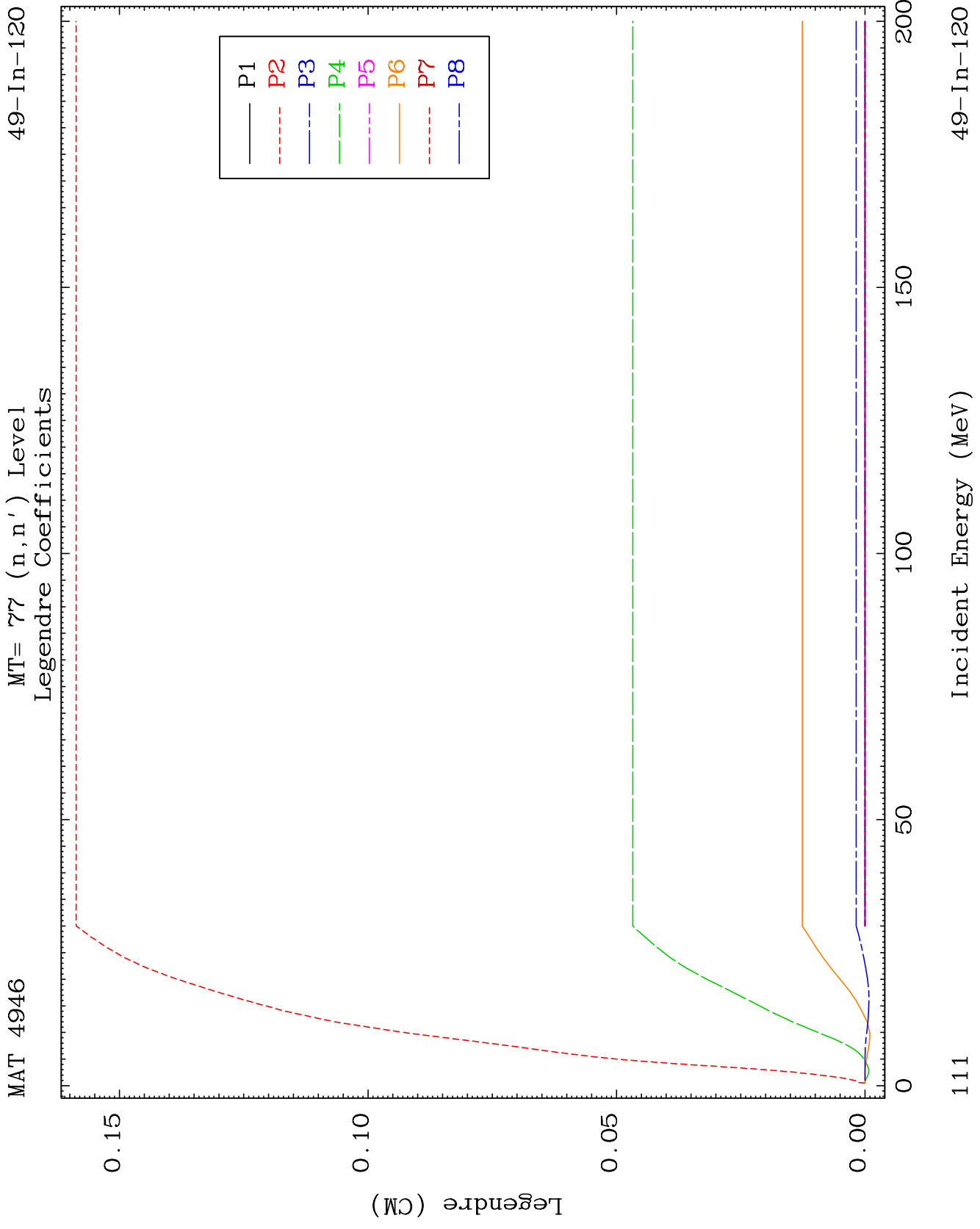


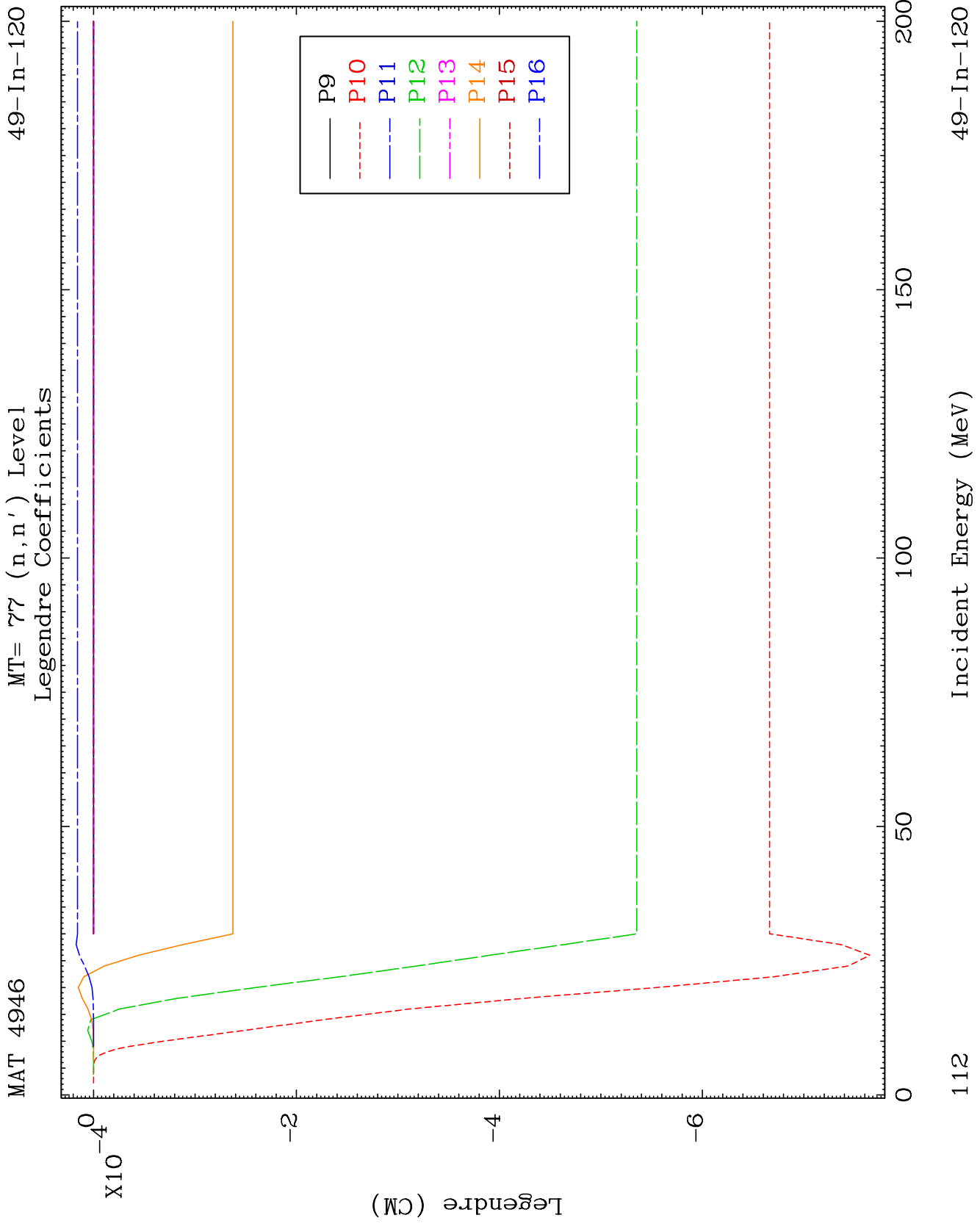
MAT 4946

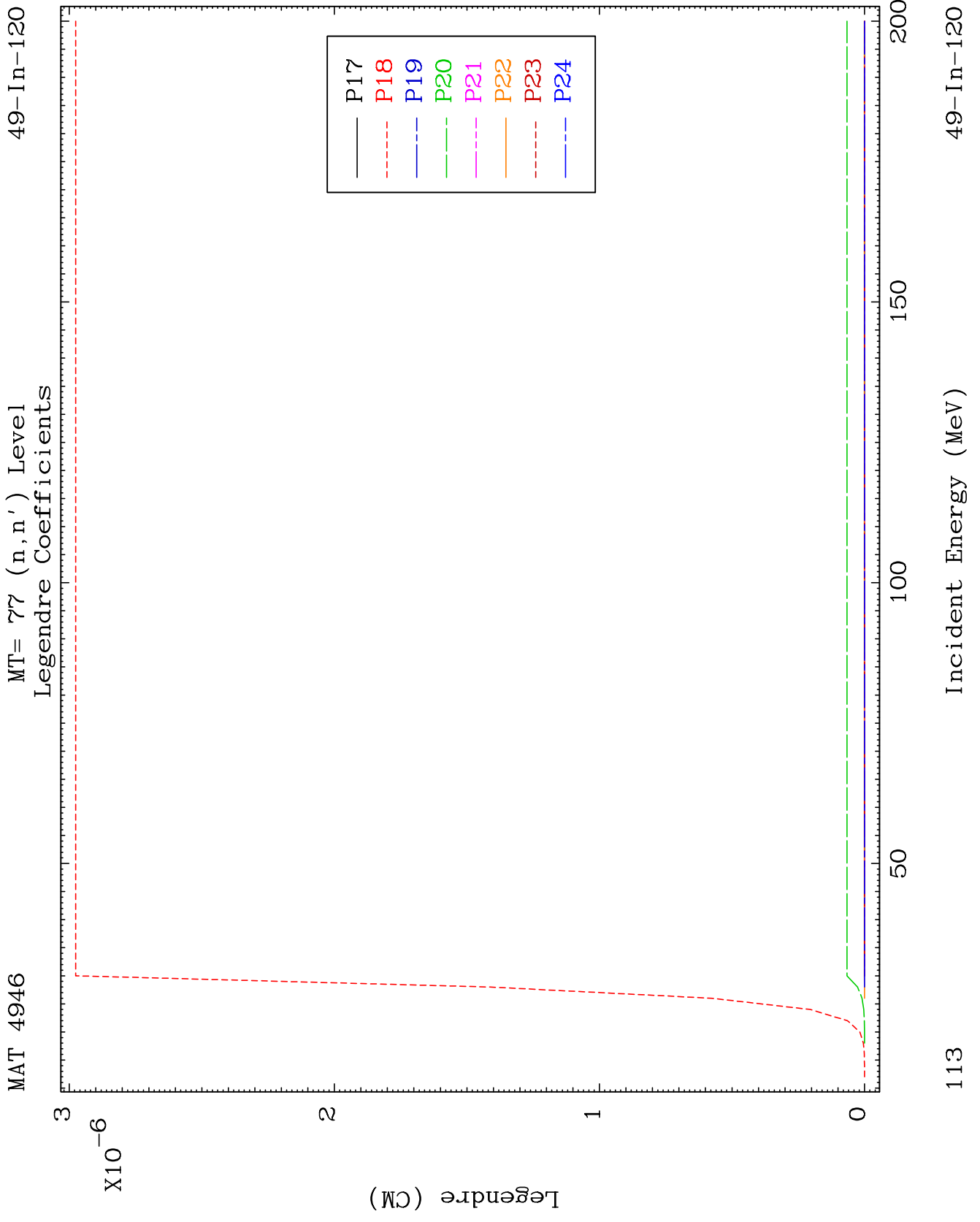
MT= 76 (n,n') Level
Legendre Coefficients

49-In-120





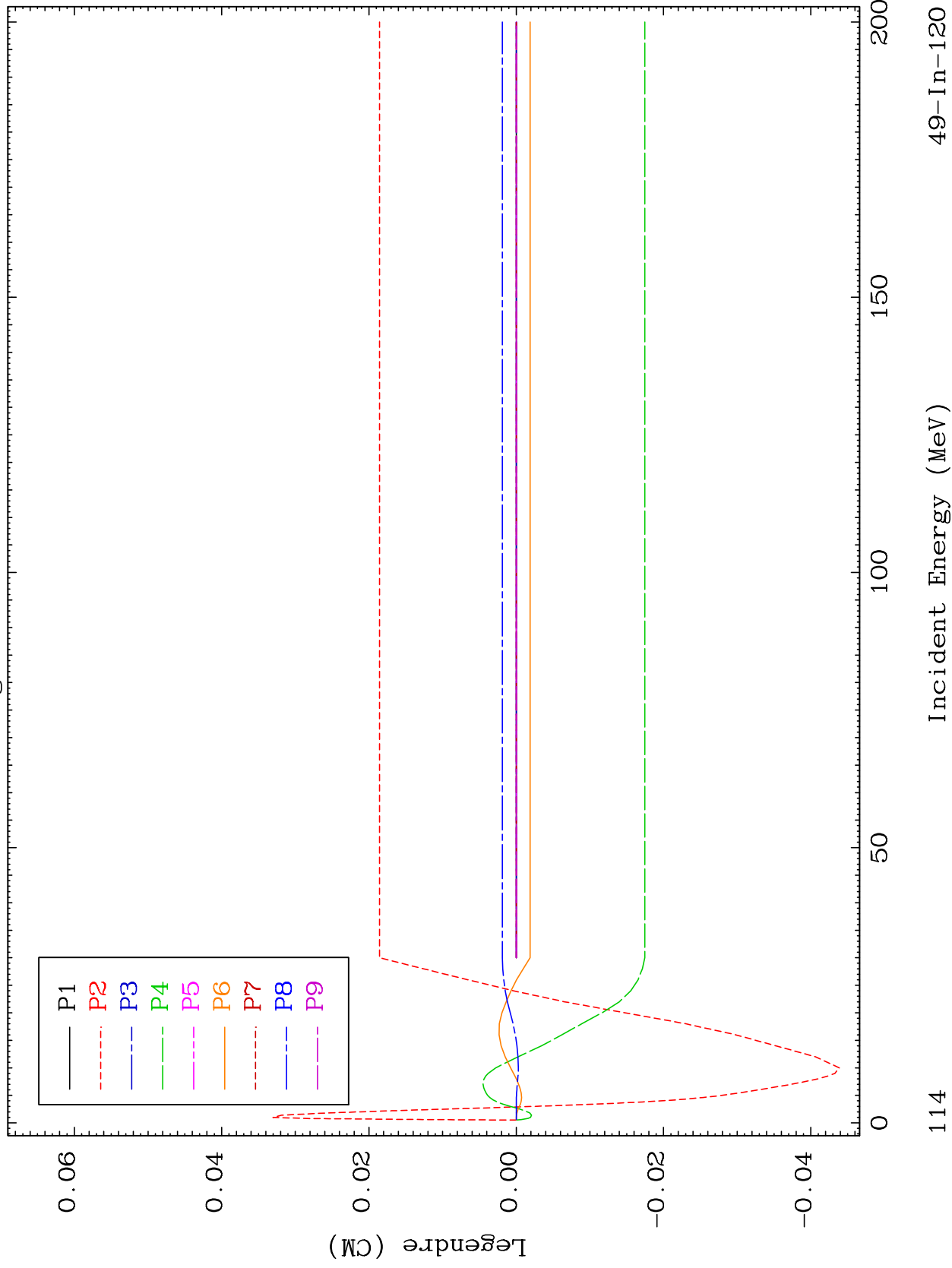




MAT 4946

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

49-In-120



114

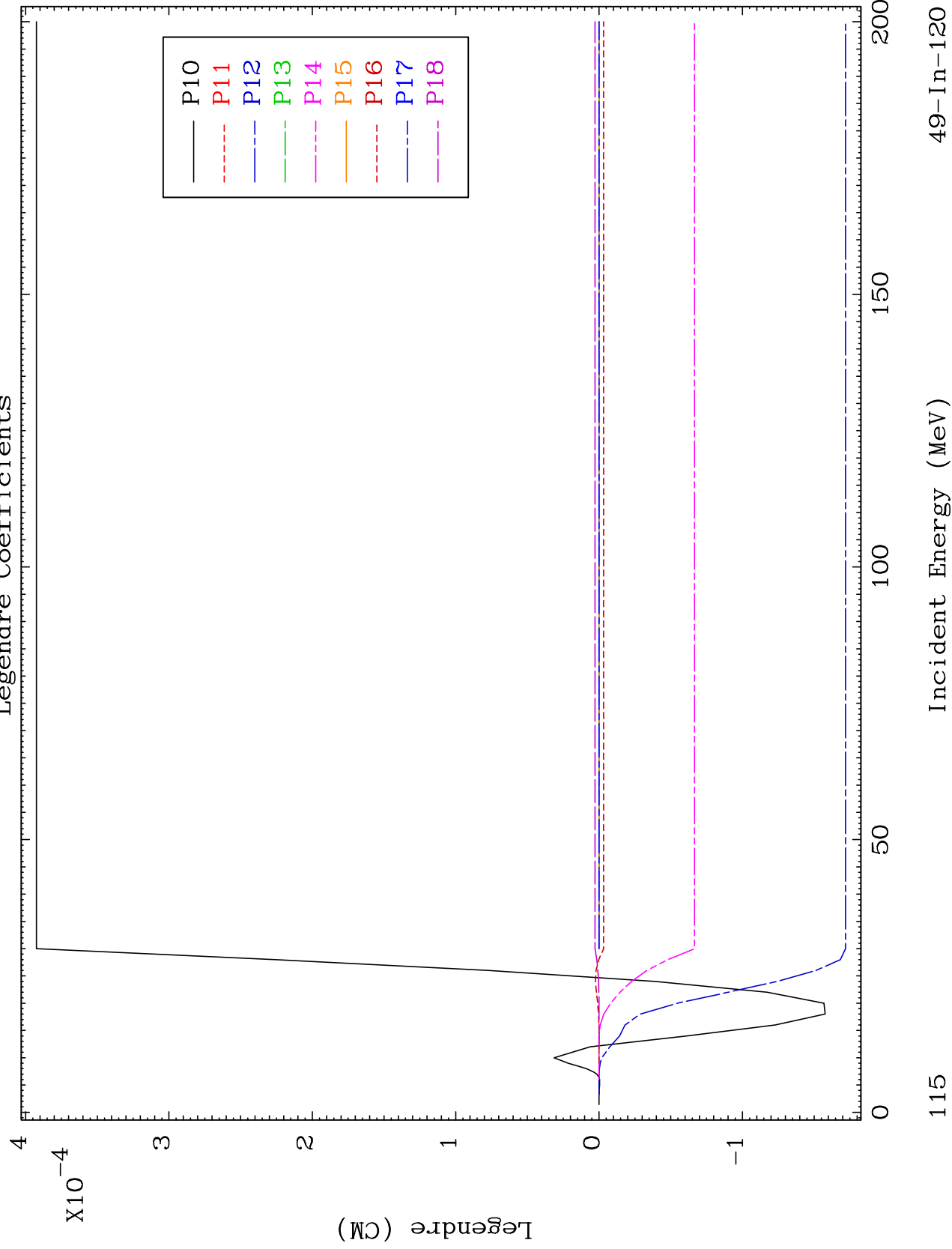
Incident Energy (MeV)

49-In-120

MAT 4946

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

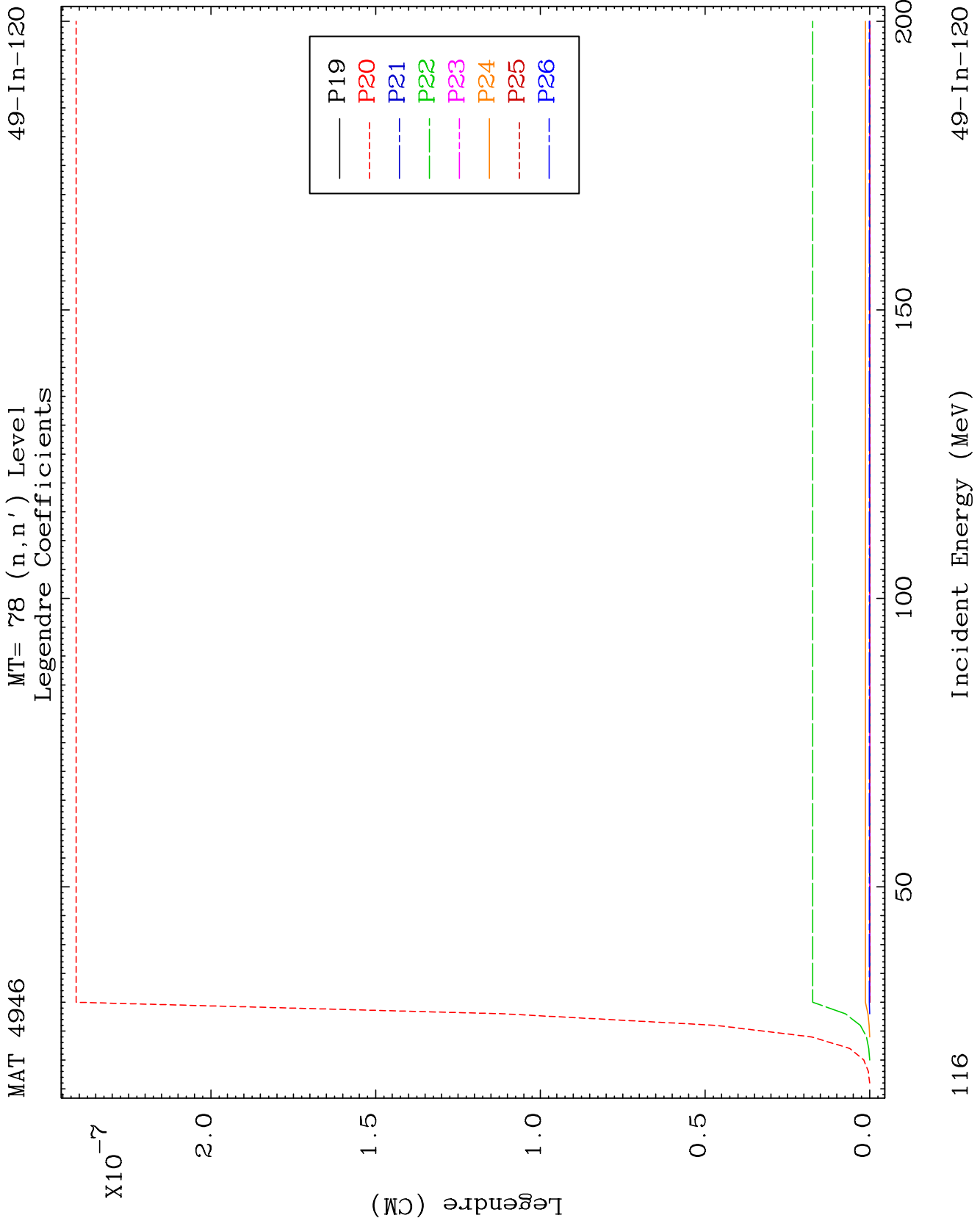
49-In-120



115

Incident Energy (MeV)

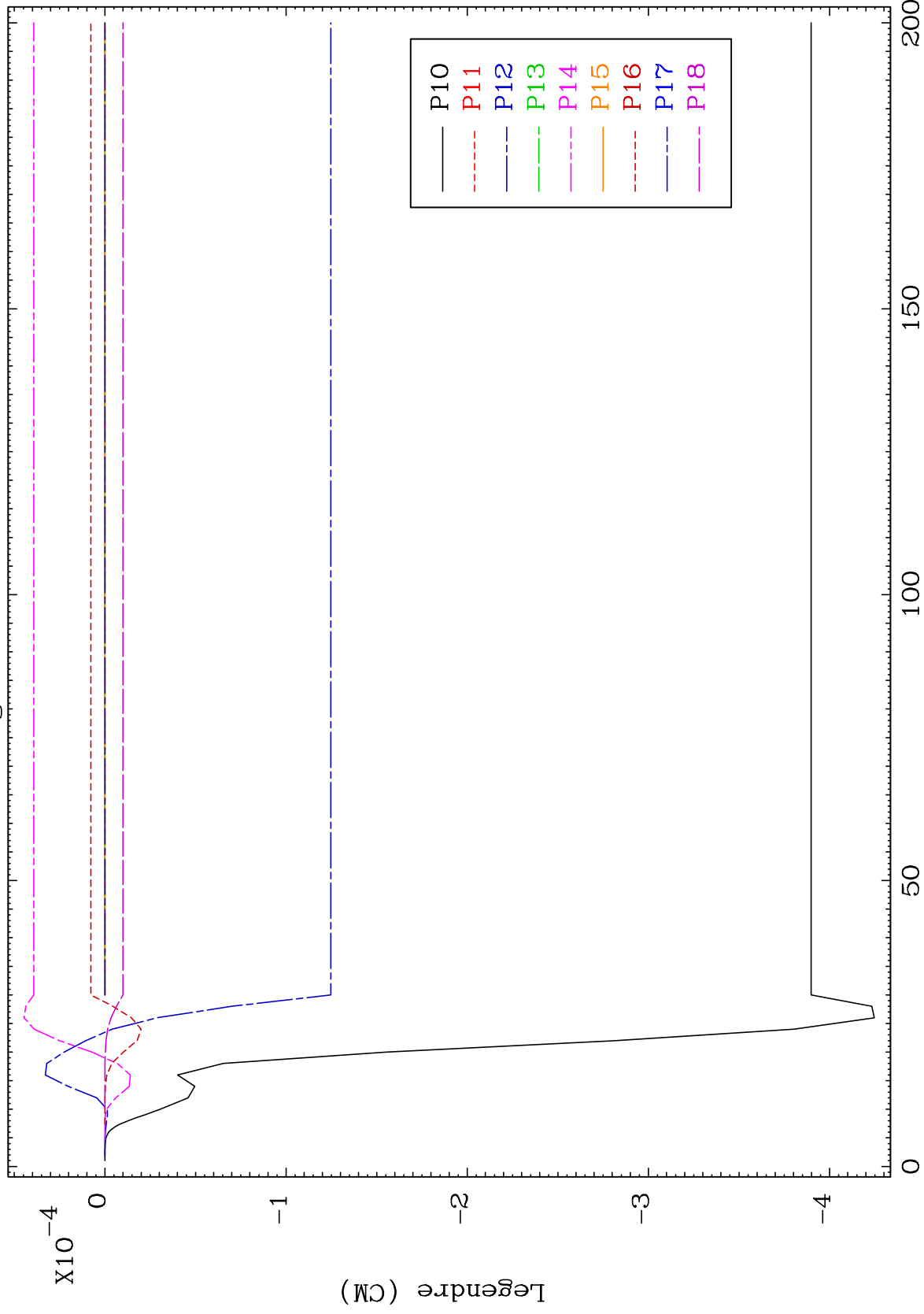
49-In-120



MAT 4946

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

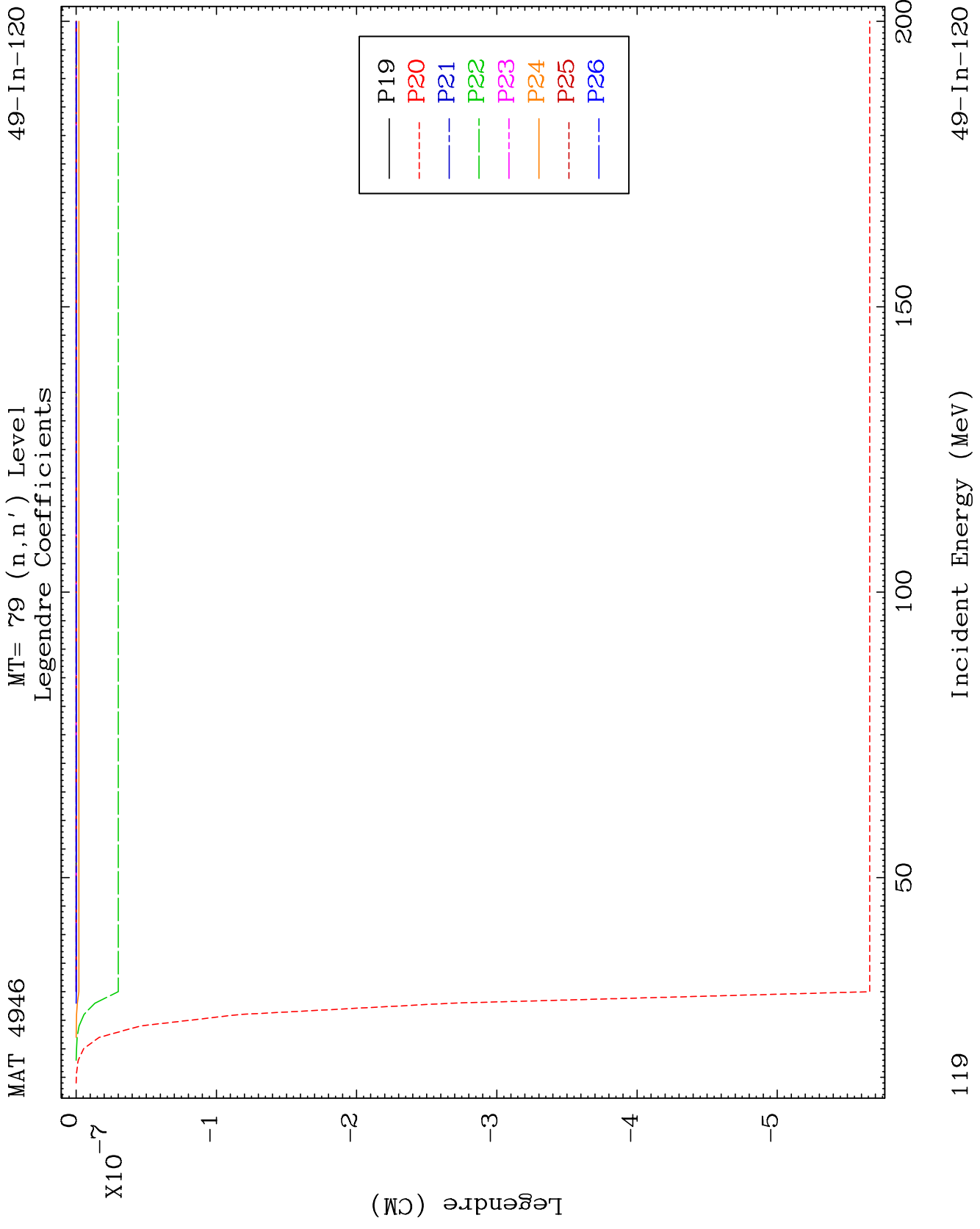
49-In-120

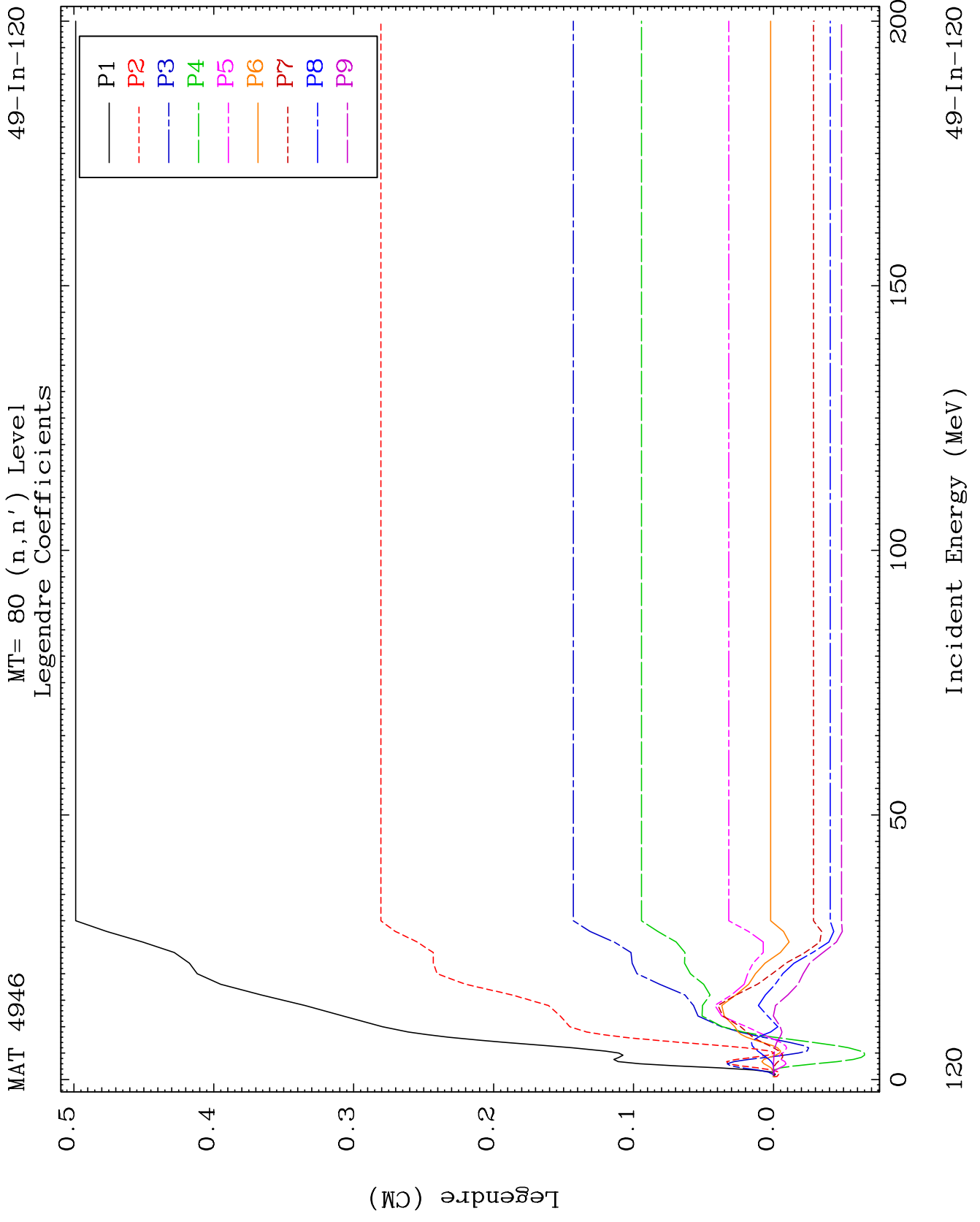


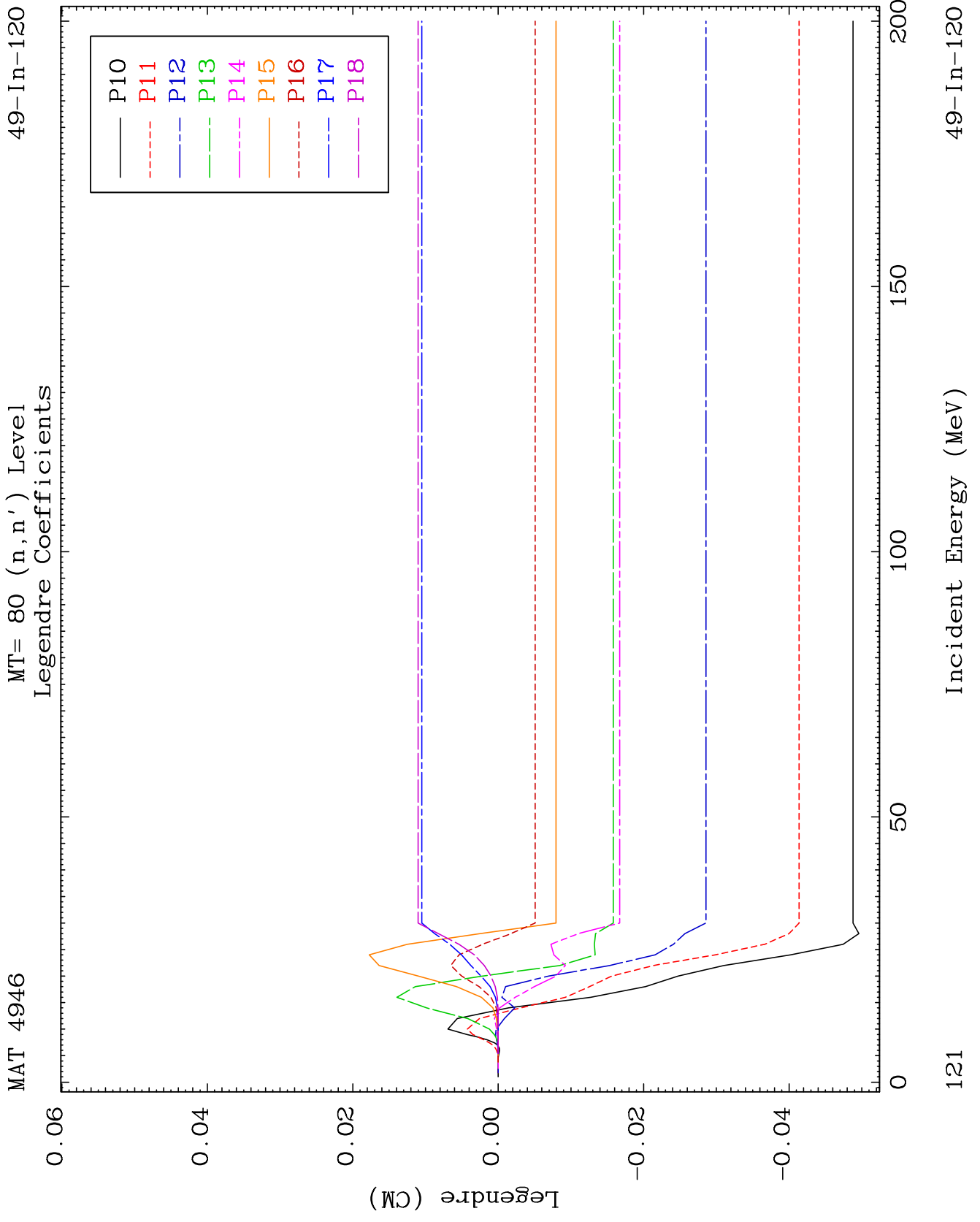
118

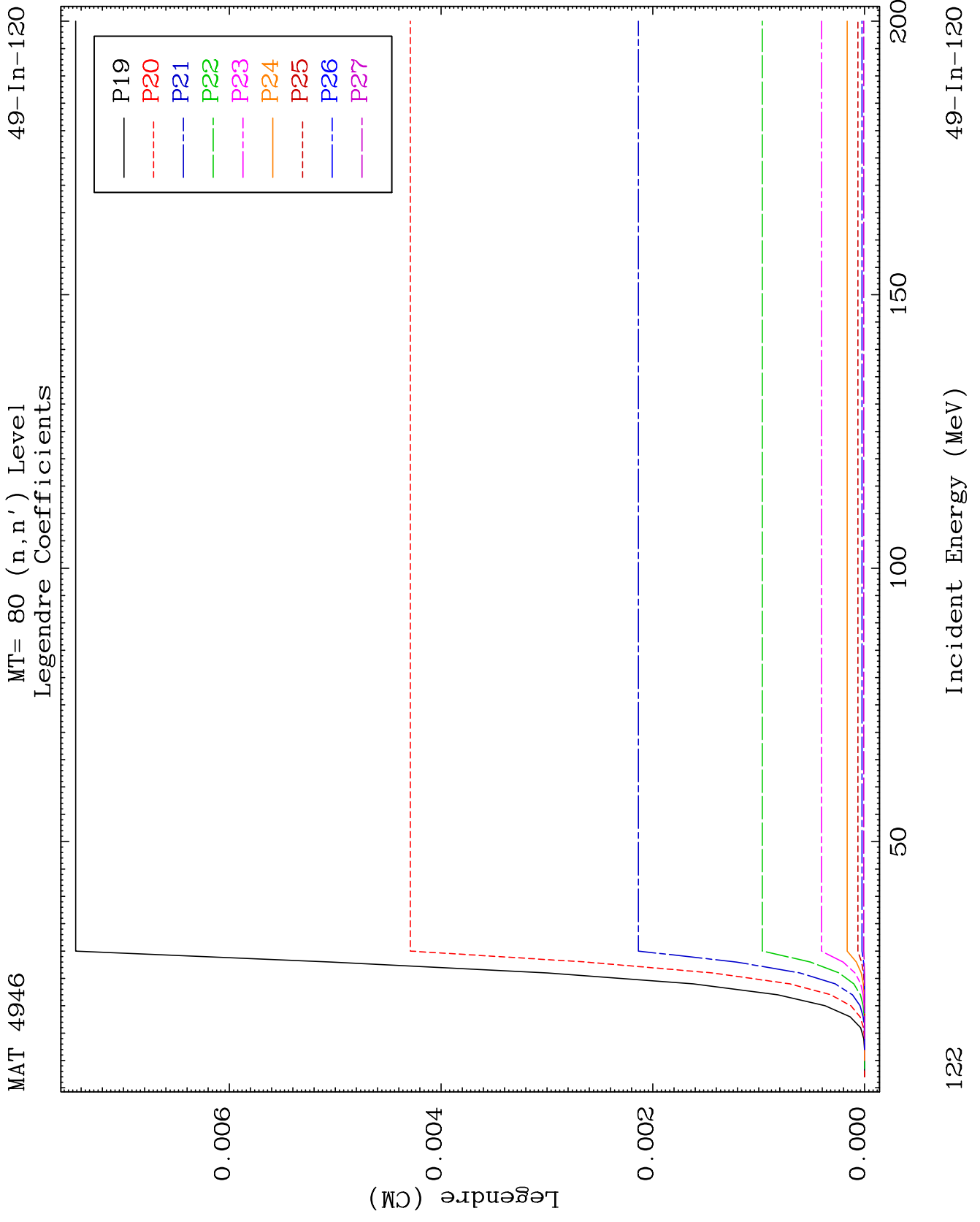
Incident Energy (MeV)

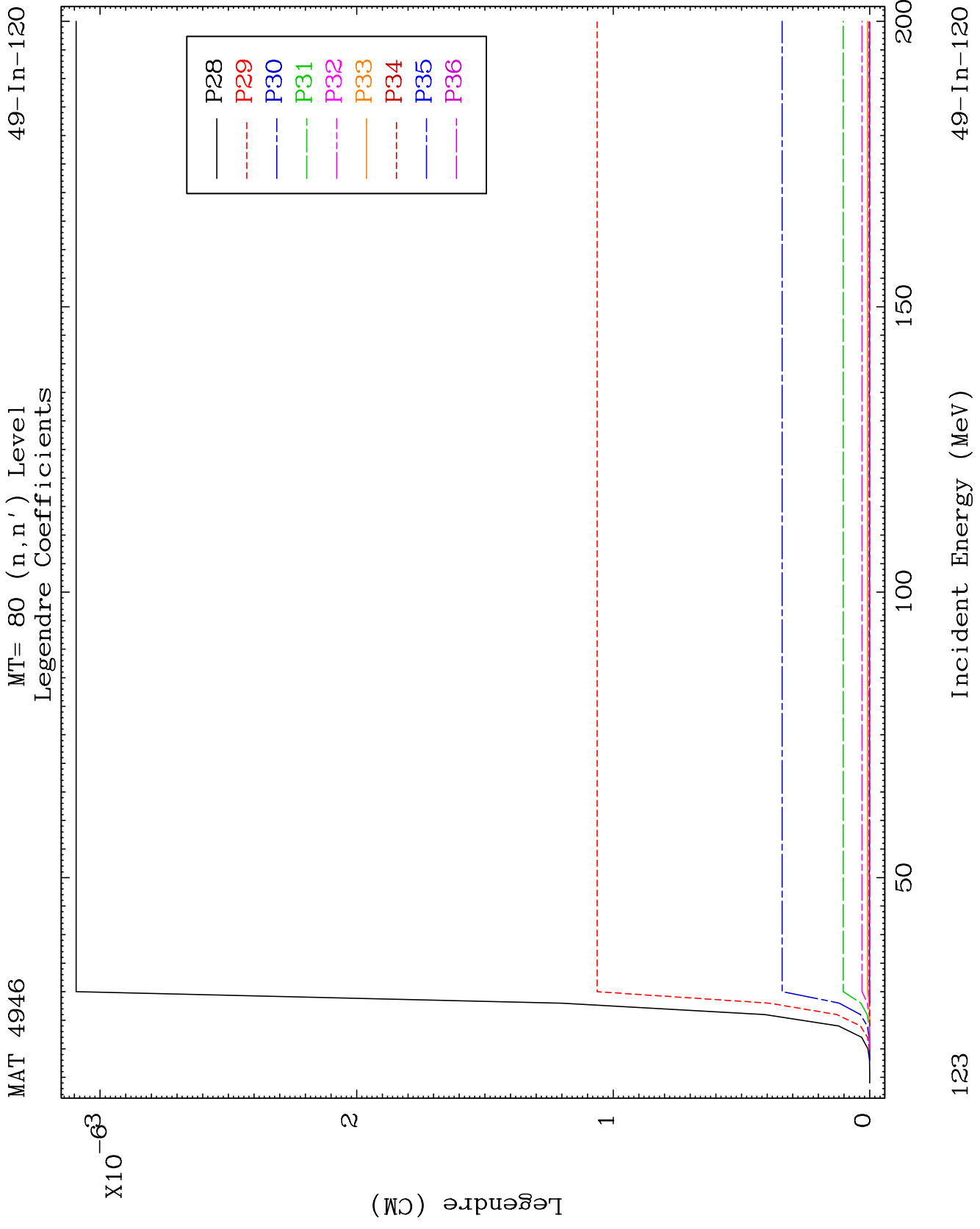
49-In-120







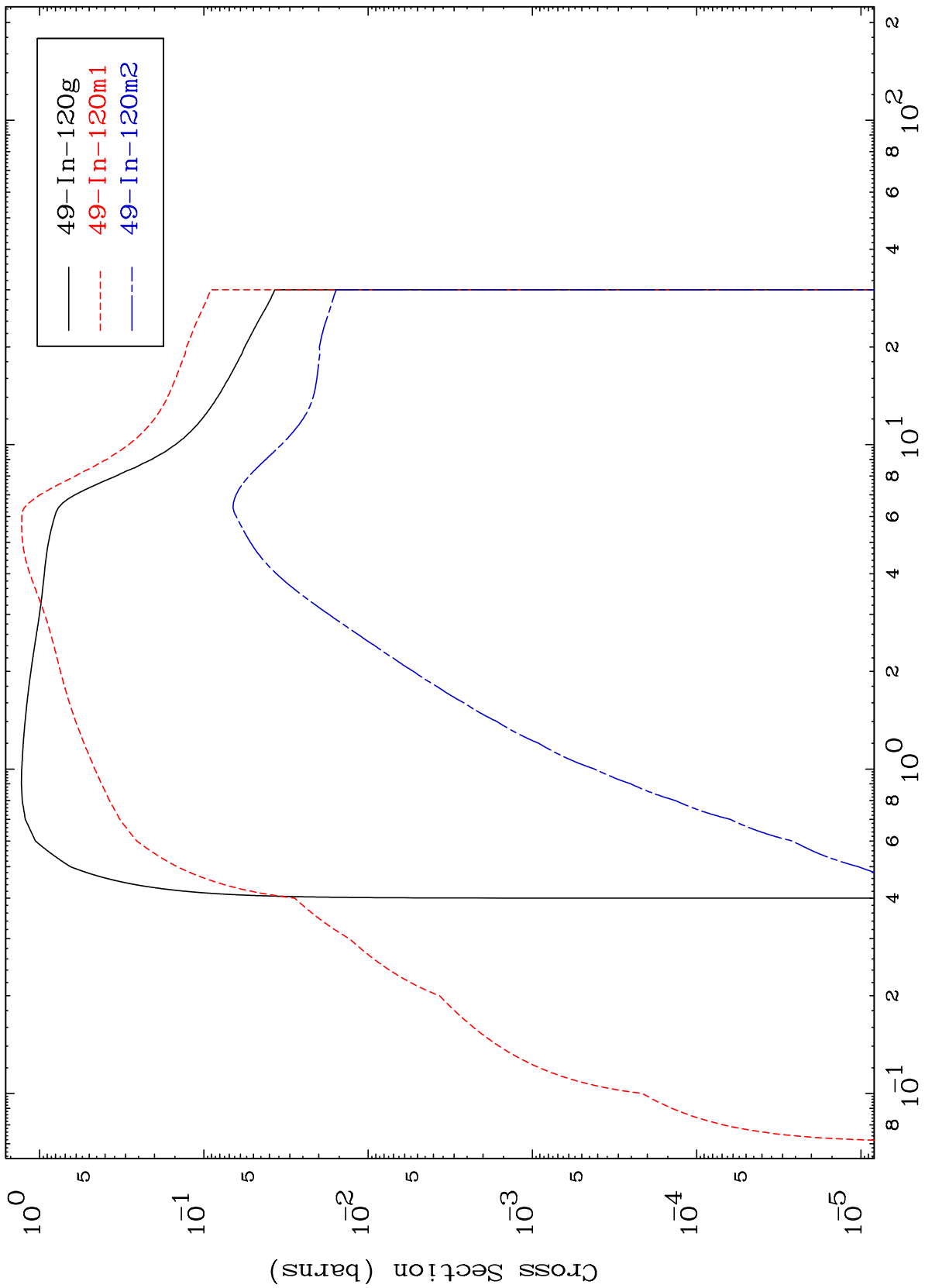




MAT 4946

49-In-120

Inelastic
Radionuclide Production Cross Section



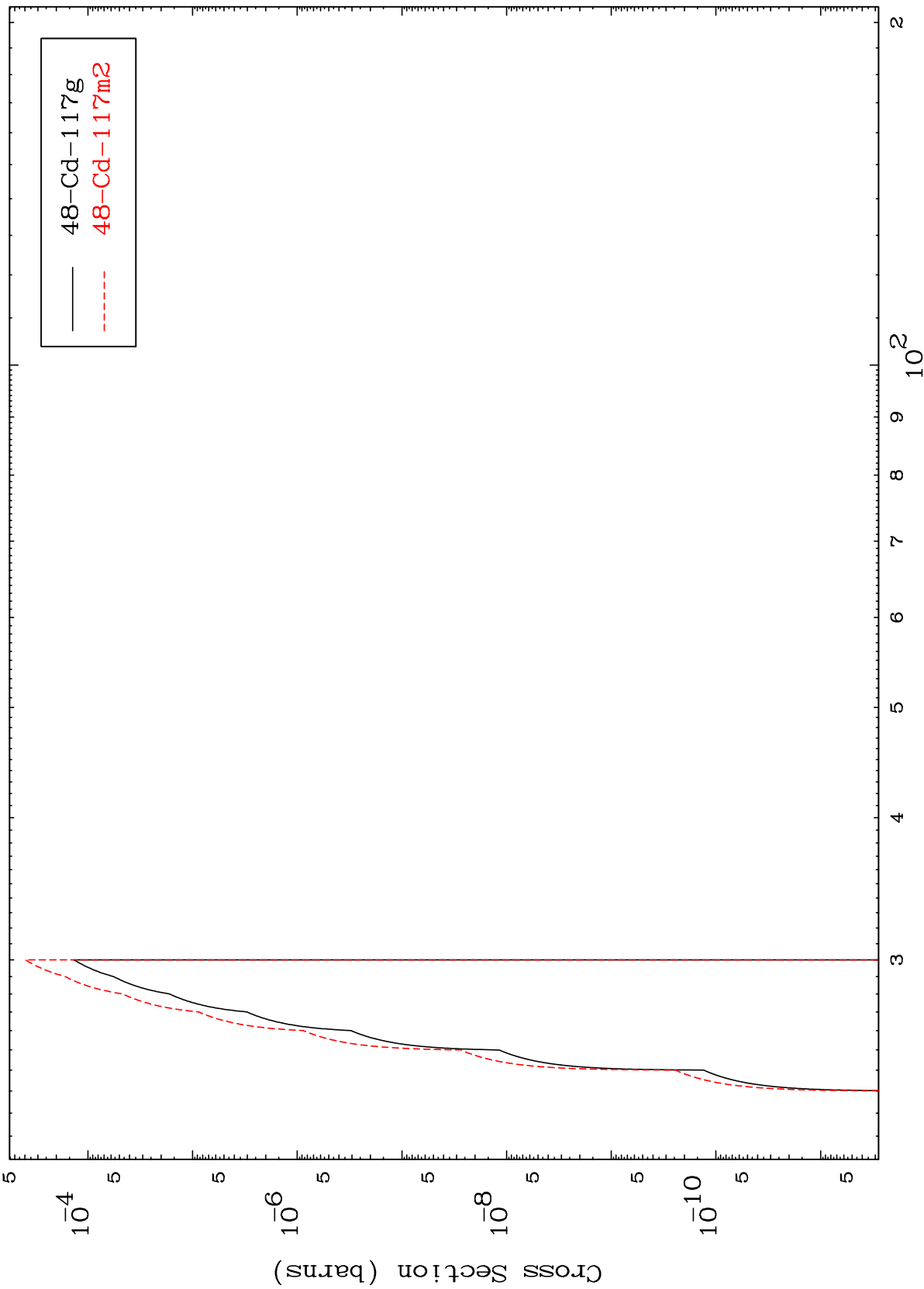
49-In-120g
49-In-120m1
49-In-120m2

124

49-In-120

Incident Energy (MeV)

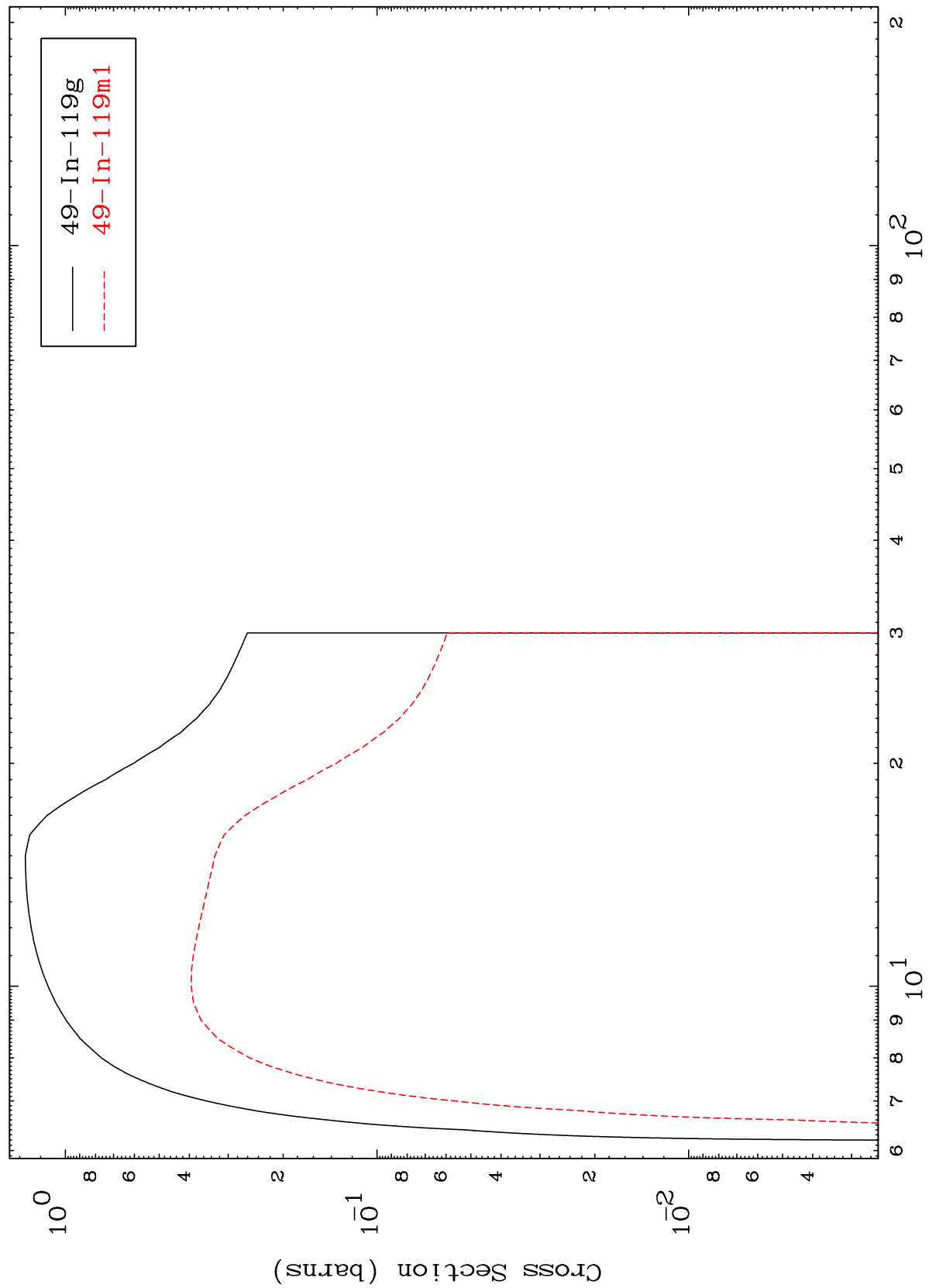
Radionuclide Production Cross Section



MAT 4946

49-In-120

(n,2n)
Radionuclide Production Cross Section



— 49-In-119g
- - - 49-In-119m1

126

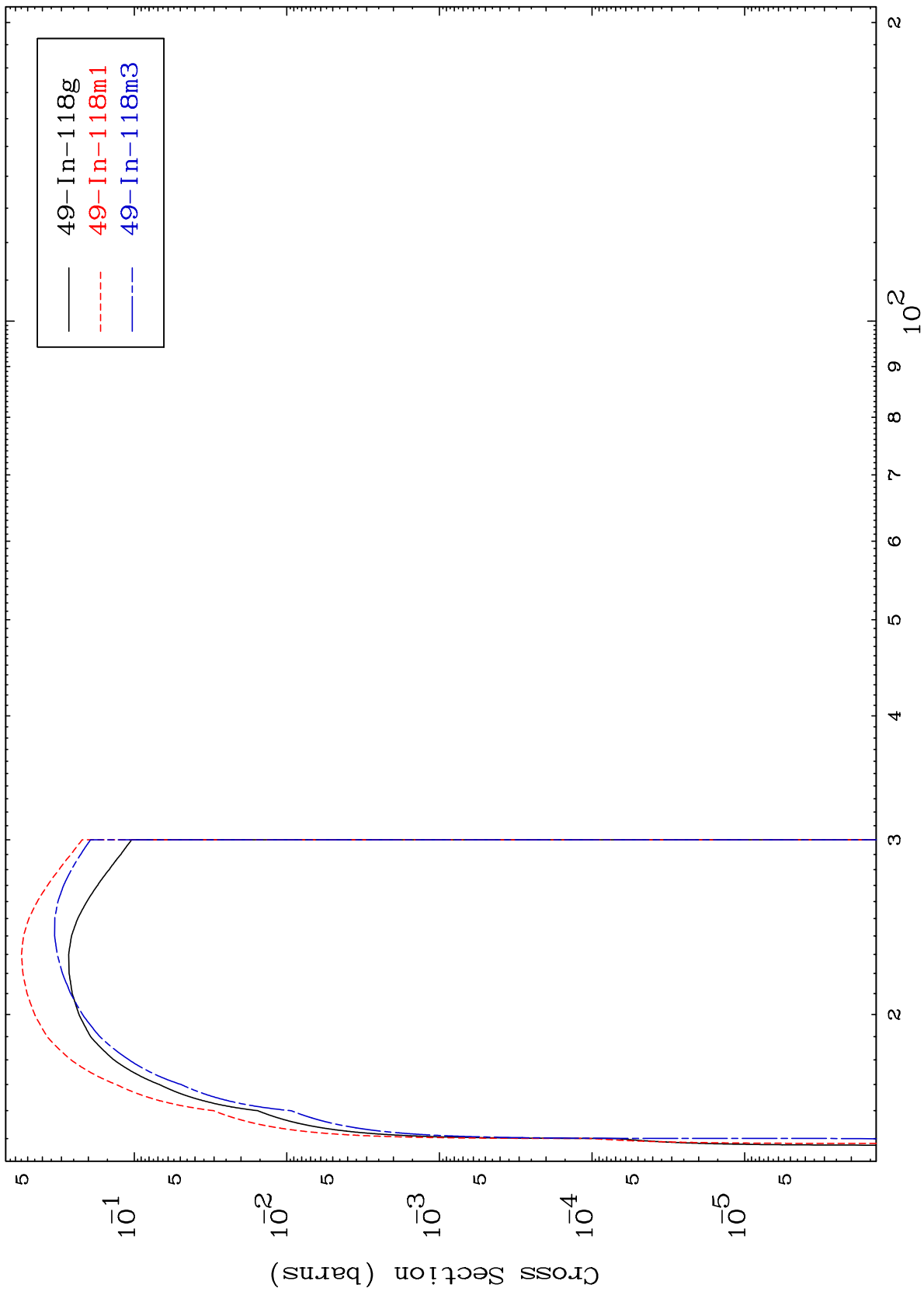
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120

(n,3n)
Radionuclide Production Cross Section



127

Incident Energy (MeV)

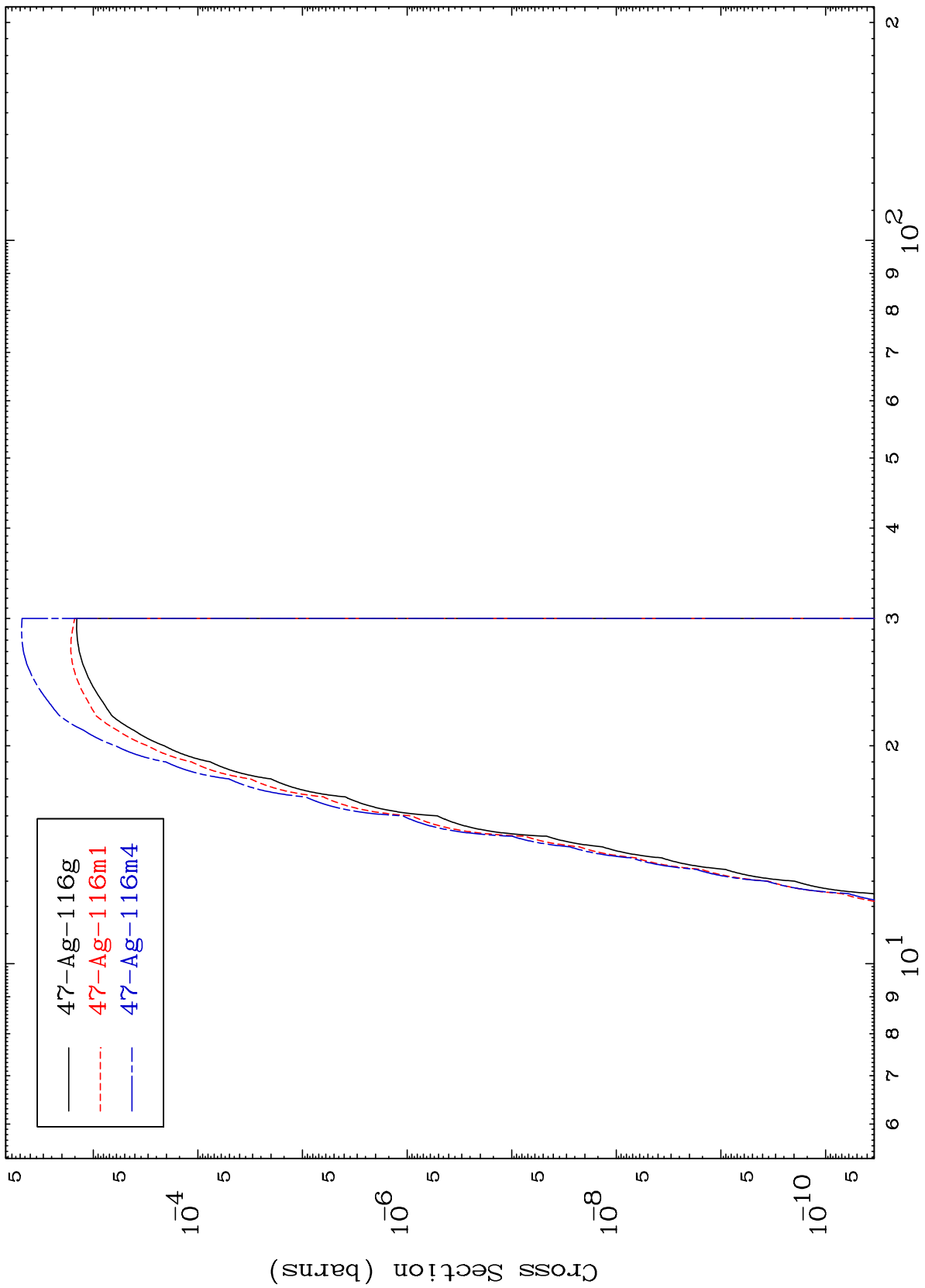
49-In-120

MAT 4946

49-In-120

(n,n') α

Radionuclide Production Cross Section



128

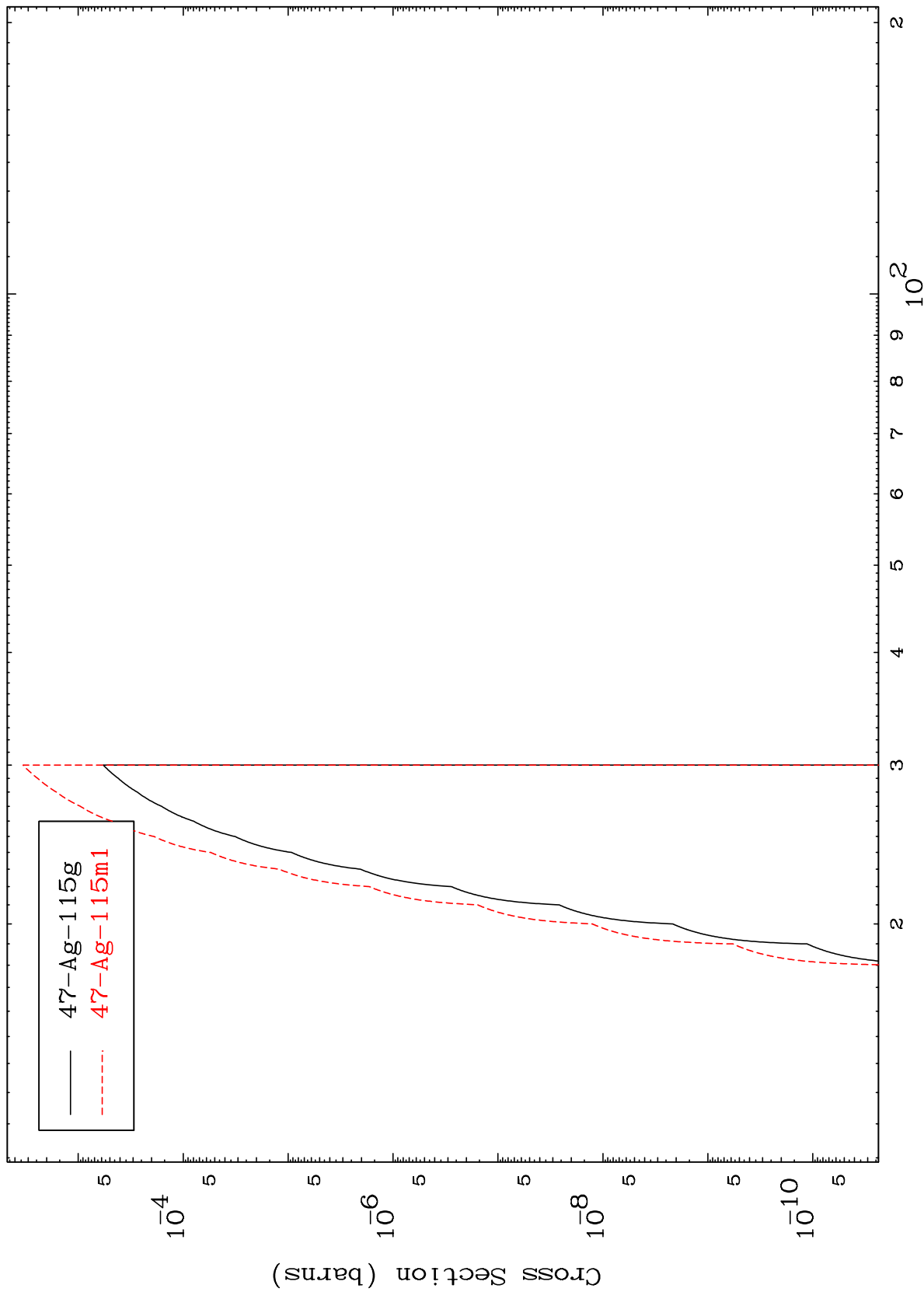
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120

(n,2n) α
Radionuclide Production Cross Section



129

Incident Energy (MeV)

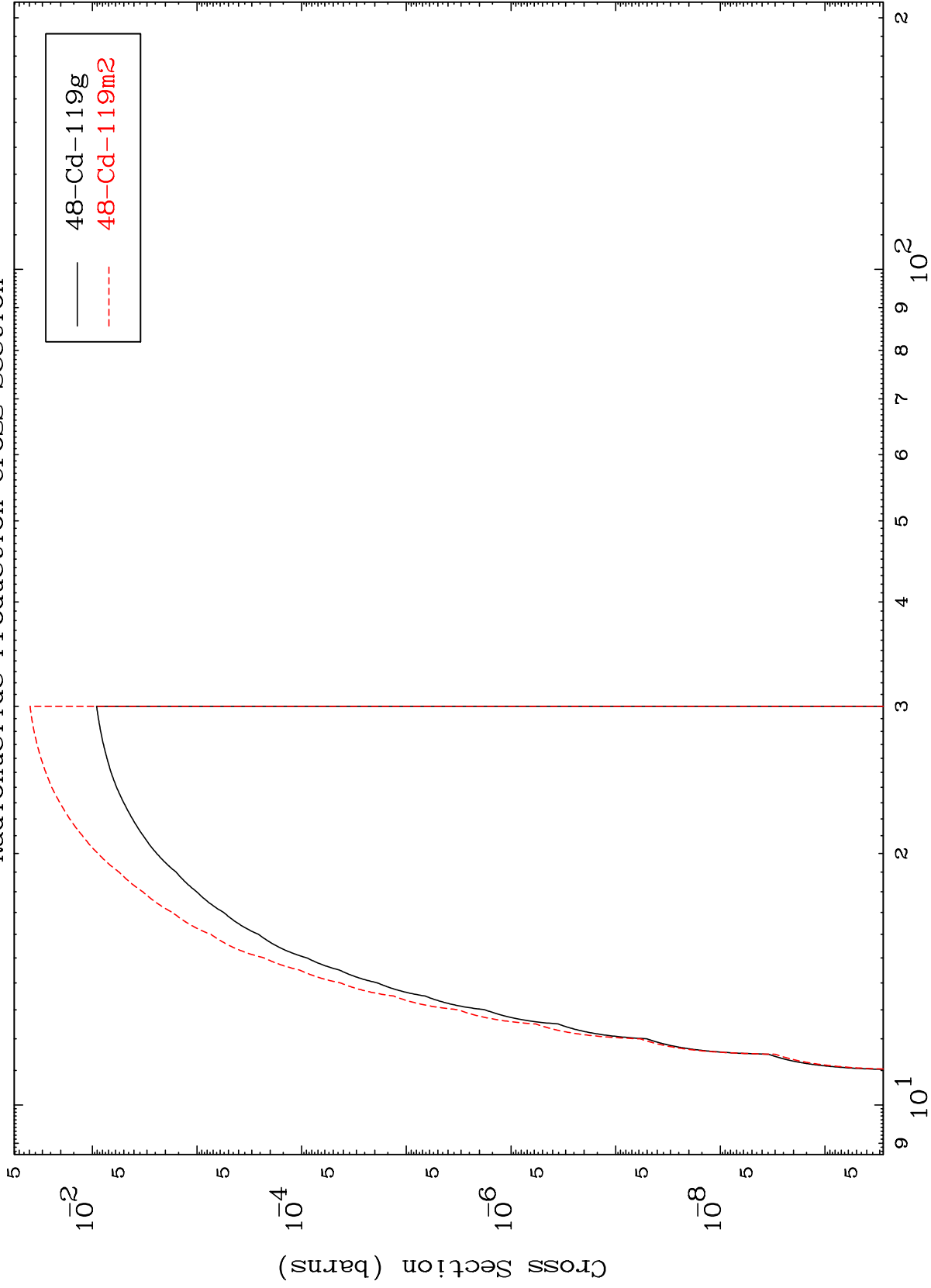
49-In-120

MAT 4946

(n,n') p

49-In-120

Radionuclide Production Cross Section



Incident Energy (MeV)

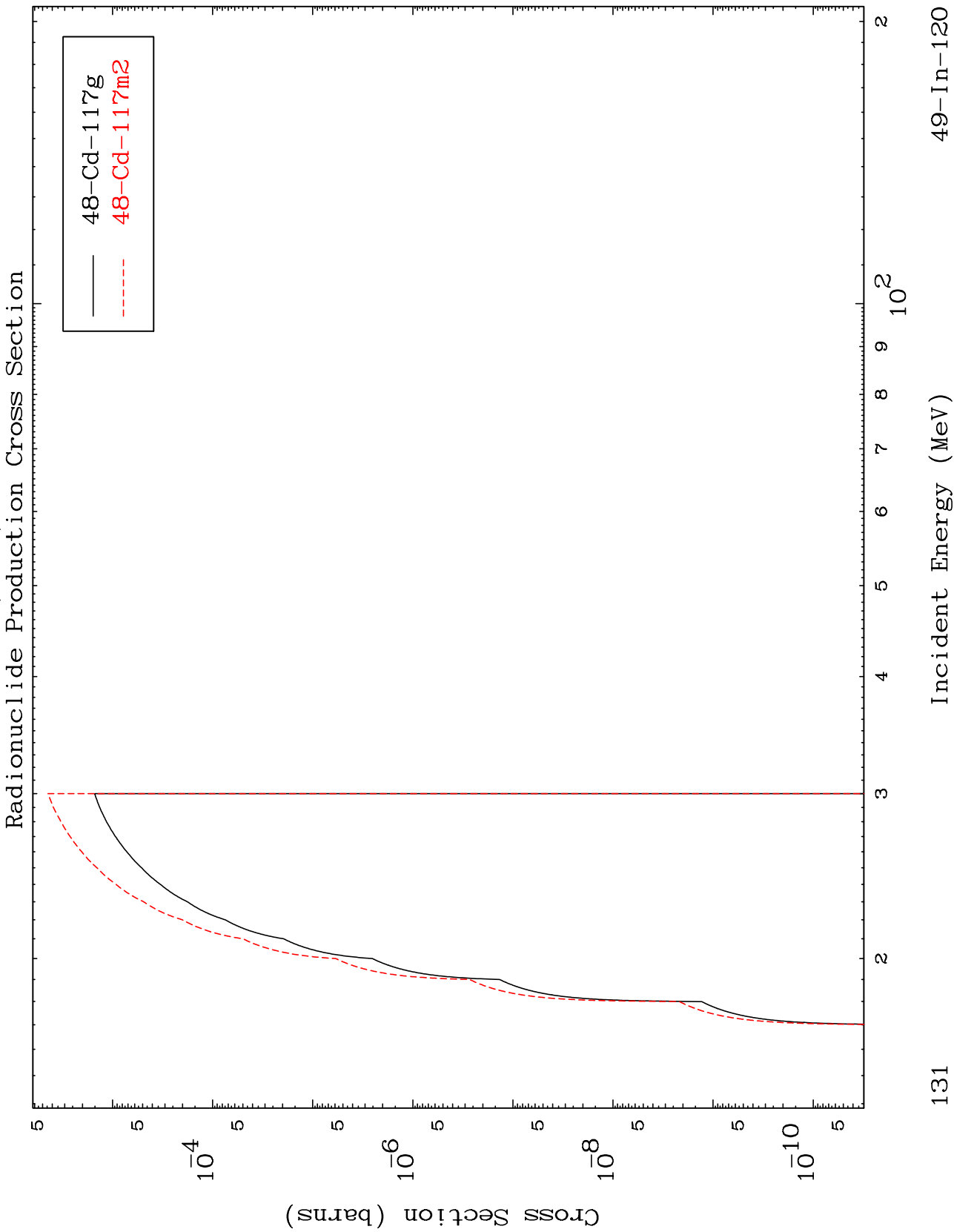
49-In-120

130

MAT 4946

(n,n') t

49-In-120



131

Incident Energy (MeV)

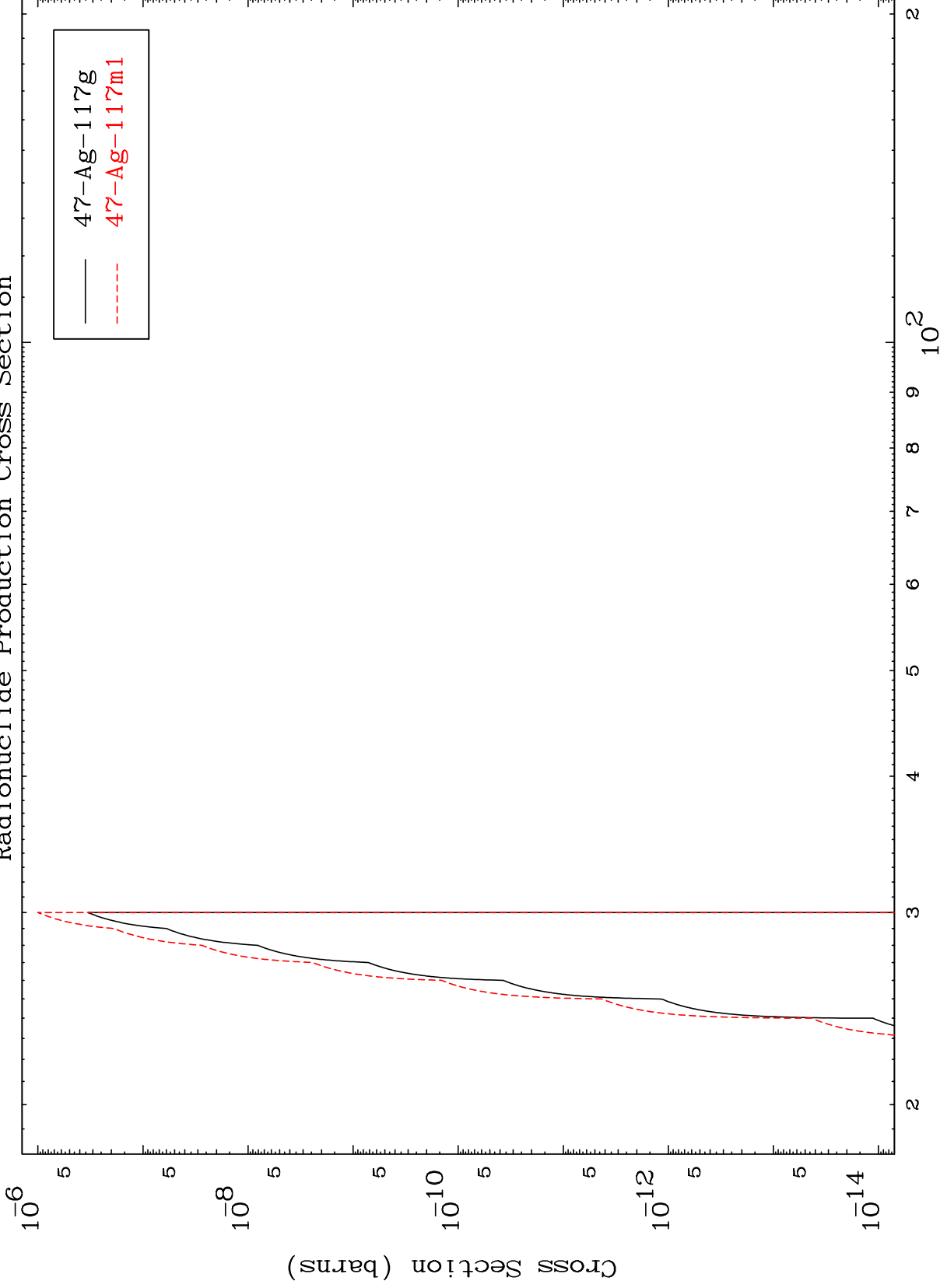
49-In-120

MAT 4946

(n,n') He-3

49-In-120

Radionuclide Production Cross Section



132

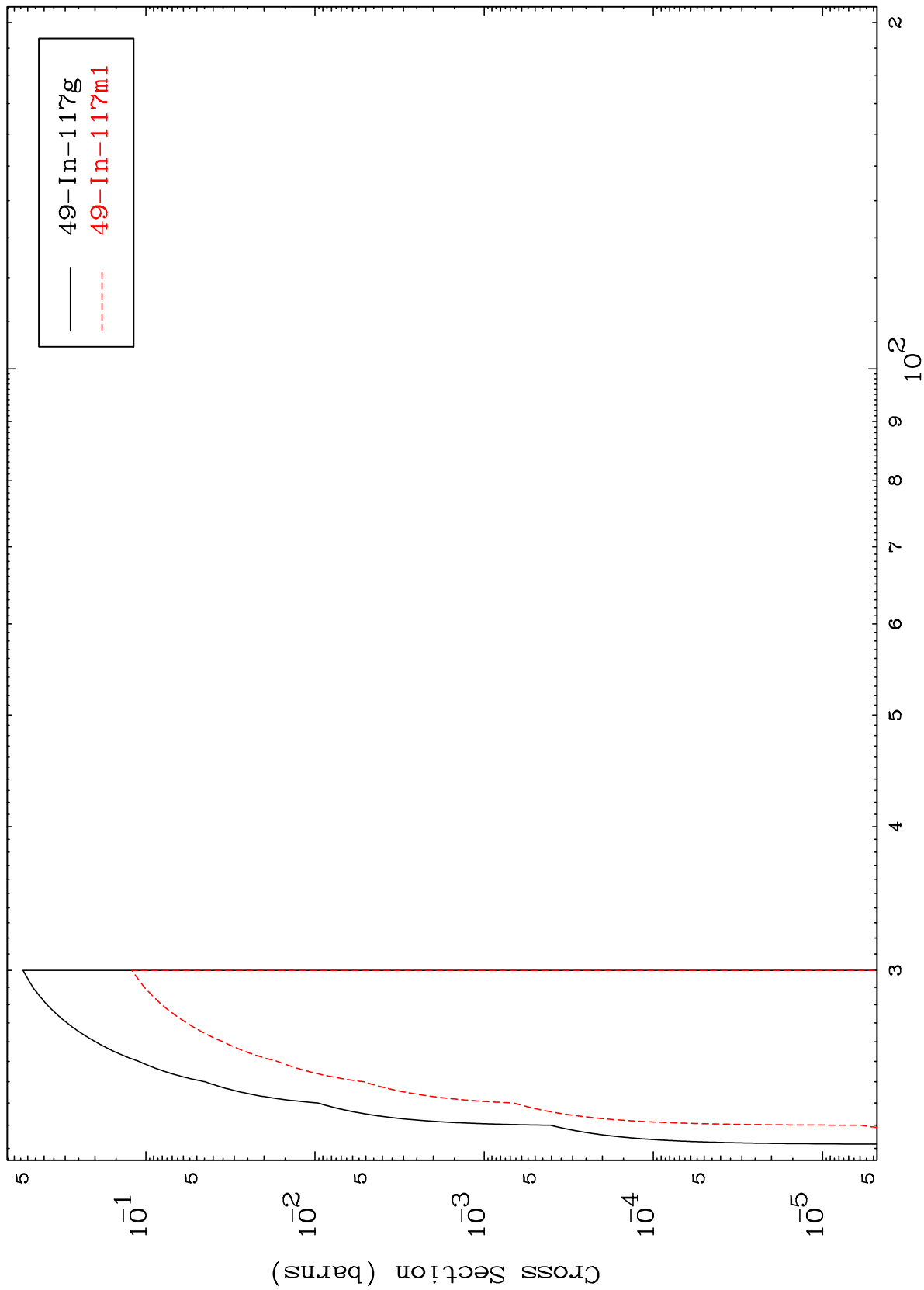
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120

(n,4n)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

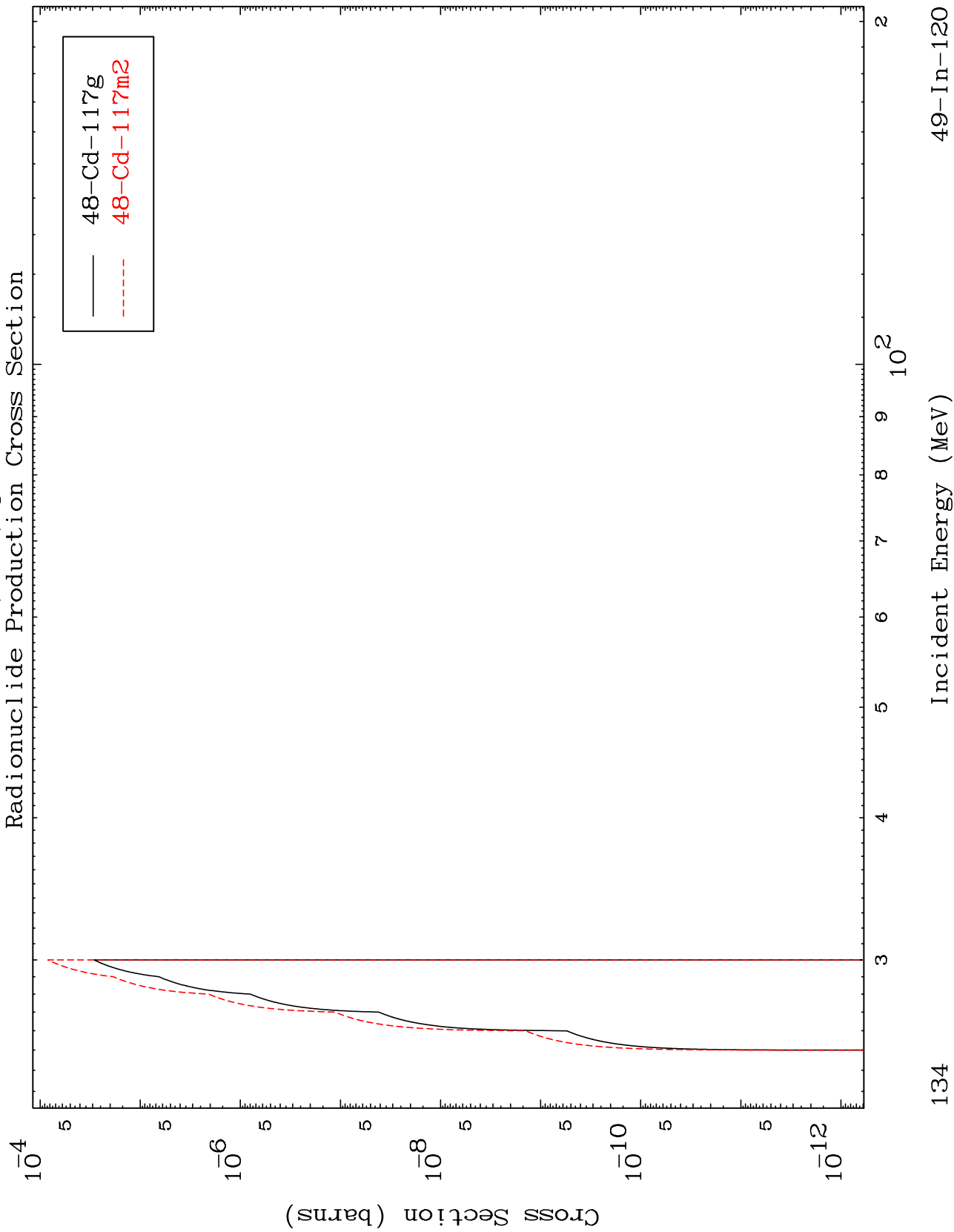
49-In-120

MAT 4946

(n,3n) p

49-In-120

Radionuclide Production Cross Section



48-Cd-117g
48-Cd-117m2

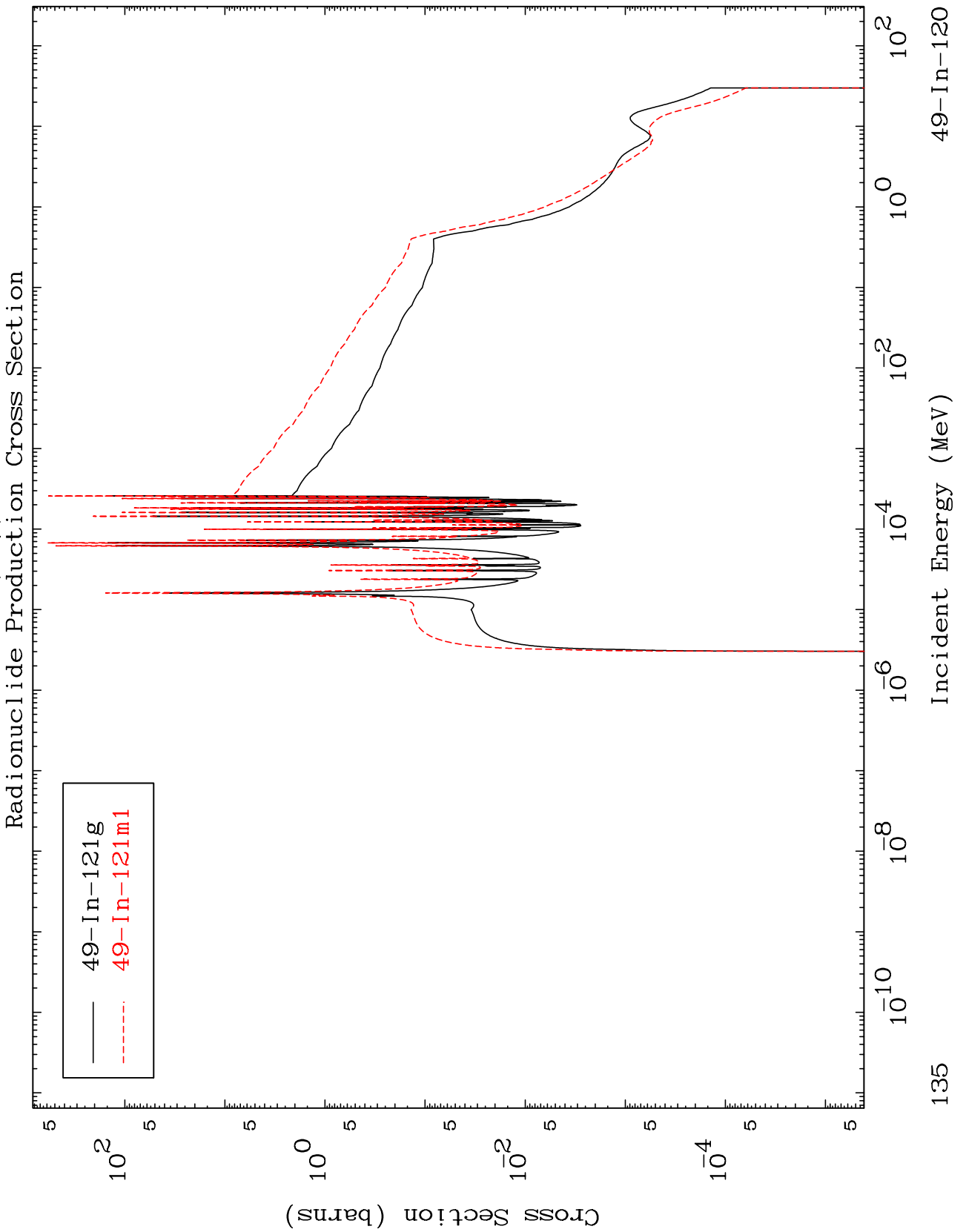
134

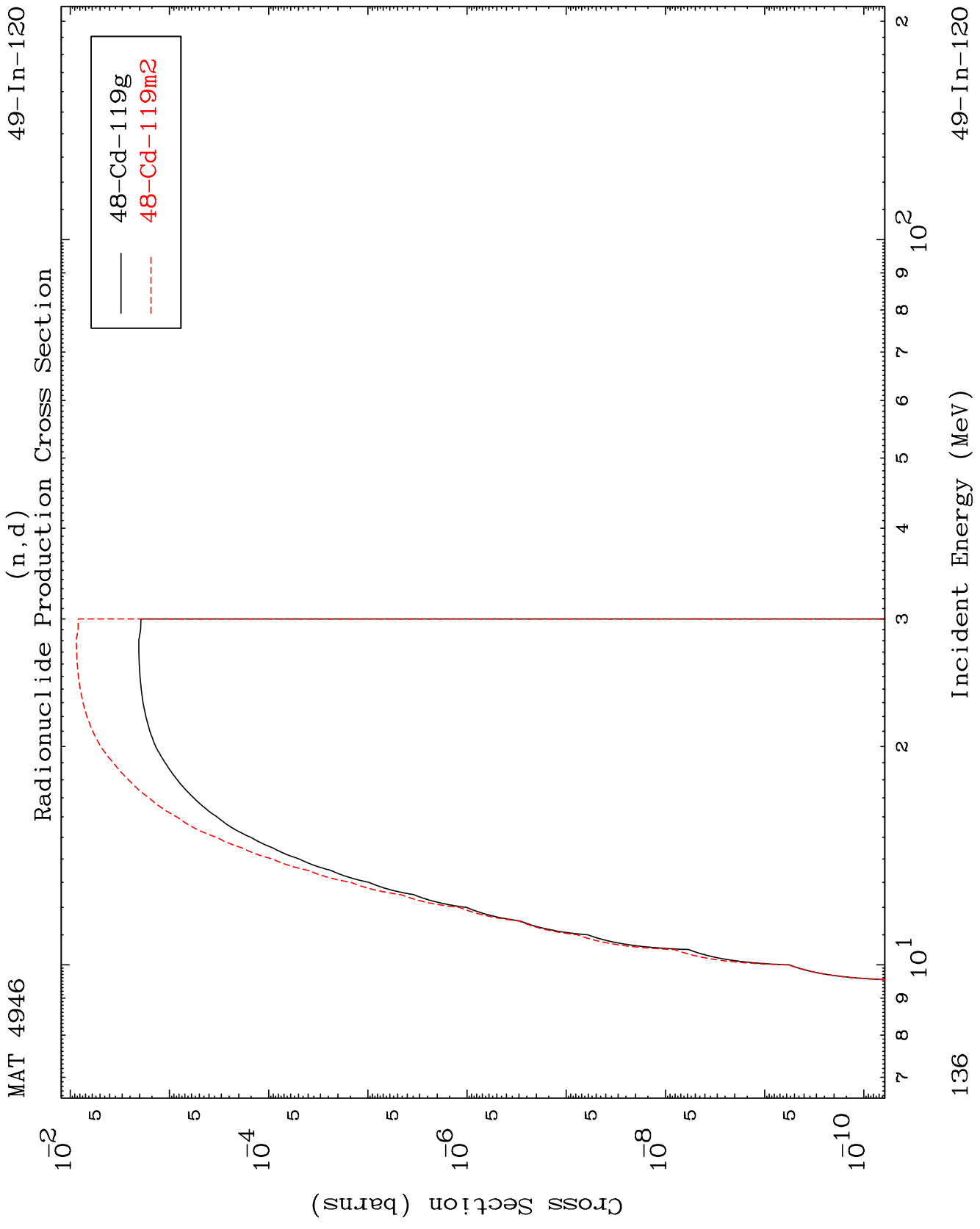
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120



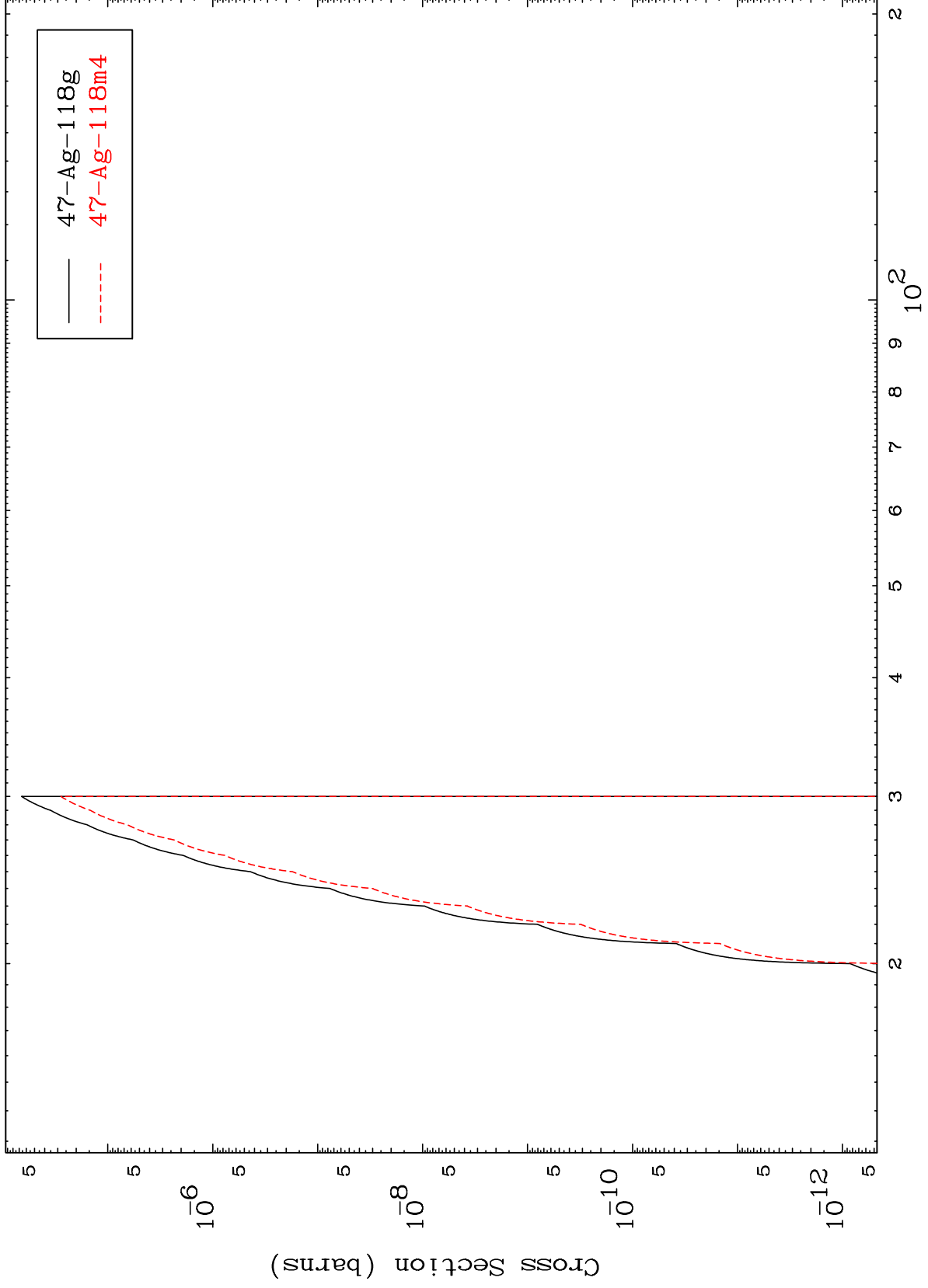


MAT 4946

(n,He-3)

49-In-120

Radionuclide Production Cross Section



137

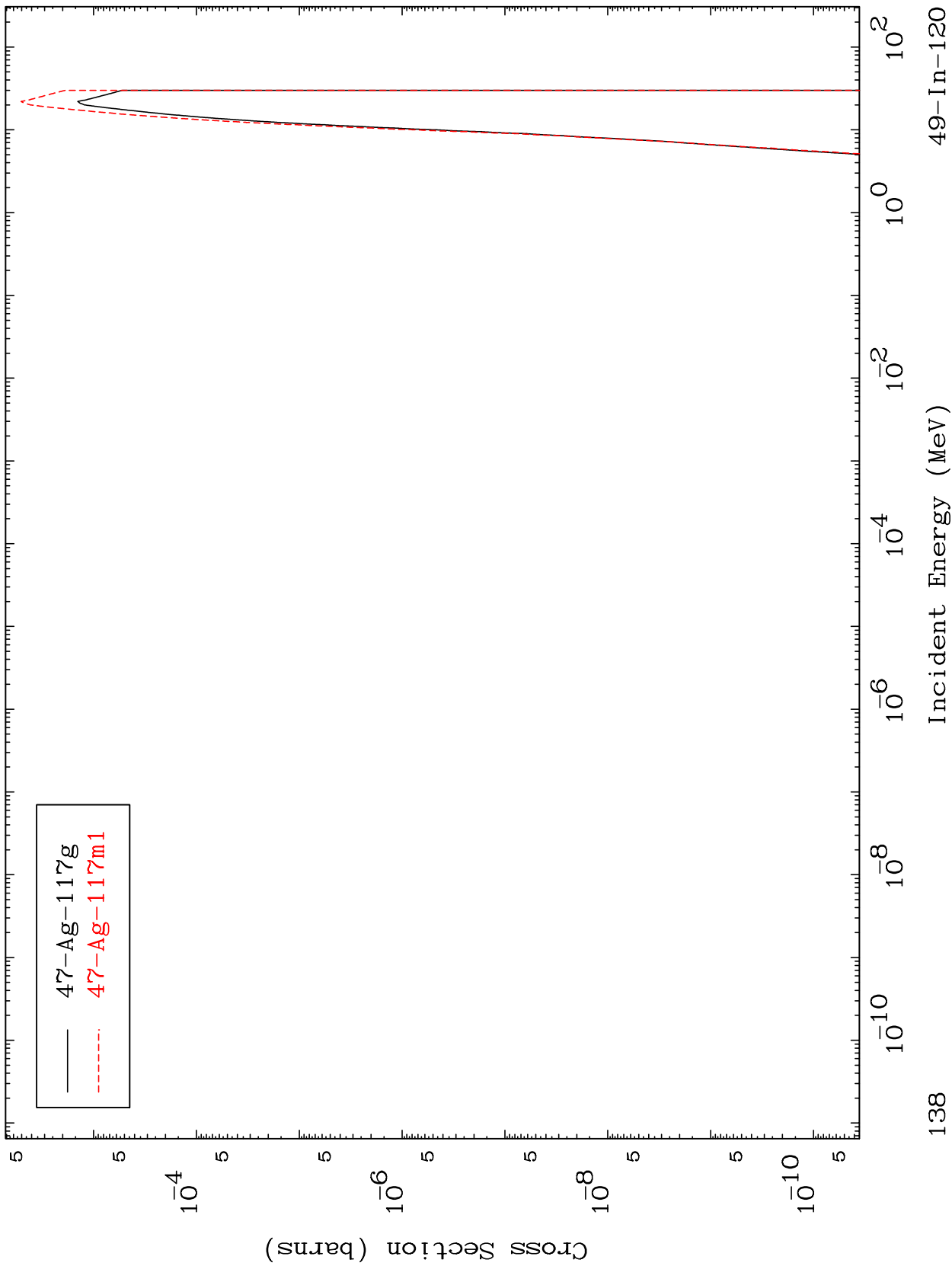
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120

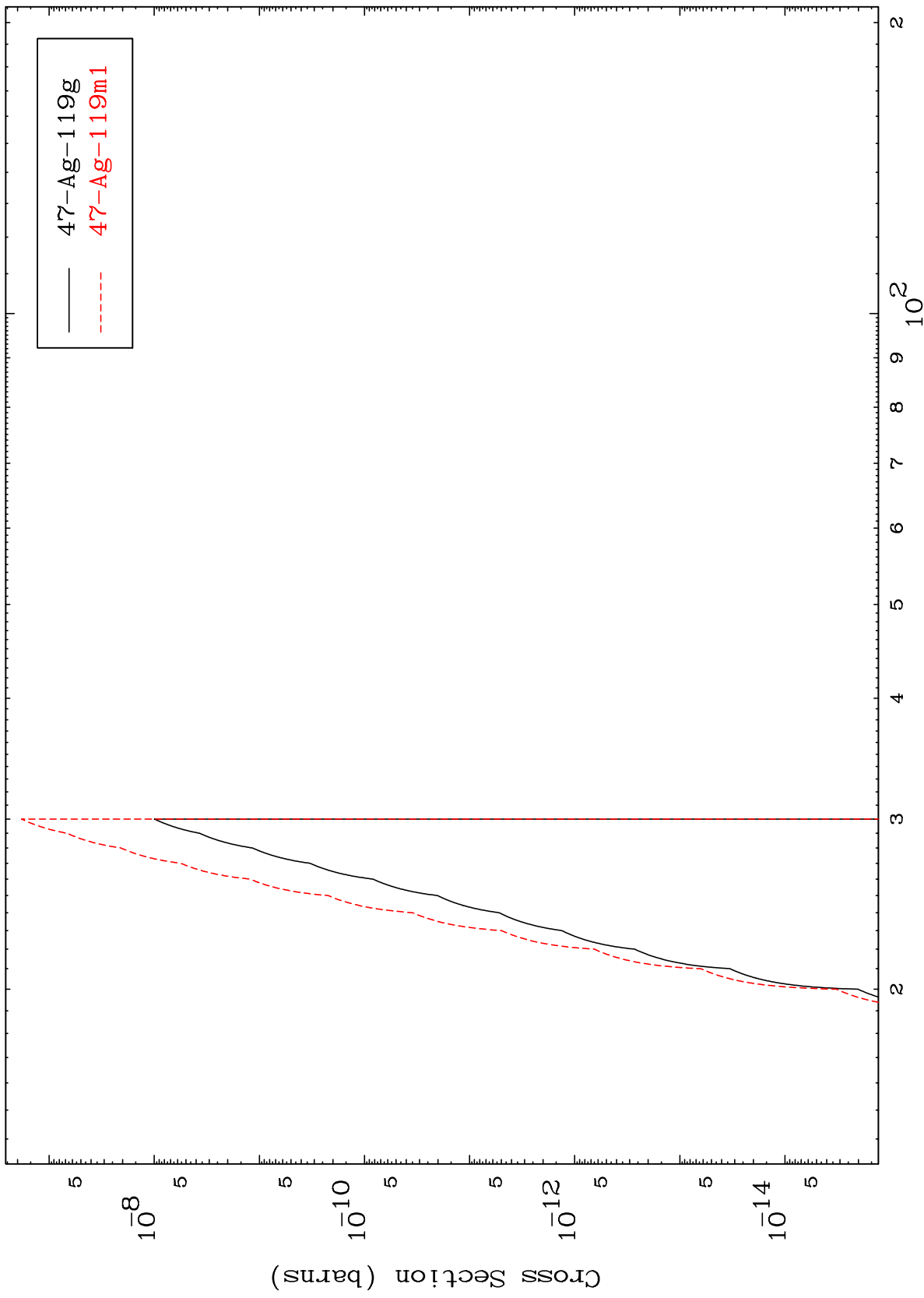
Radionuclide Production Cross Section



MAT 4946

49-In-120

(n,2p)
Radionuclide Production Cross Section



139

49-In-120

Incident Energy (MeV)