

Program EVALPLOT
(Version 2021-1)

by

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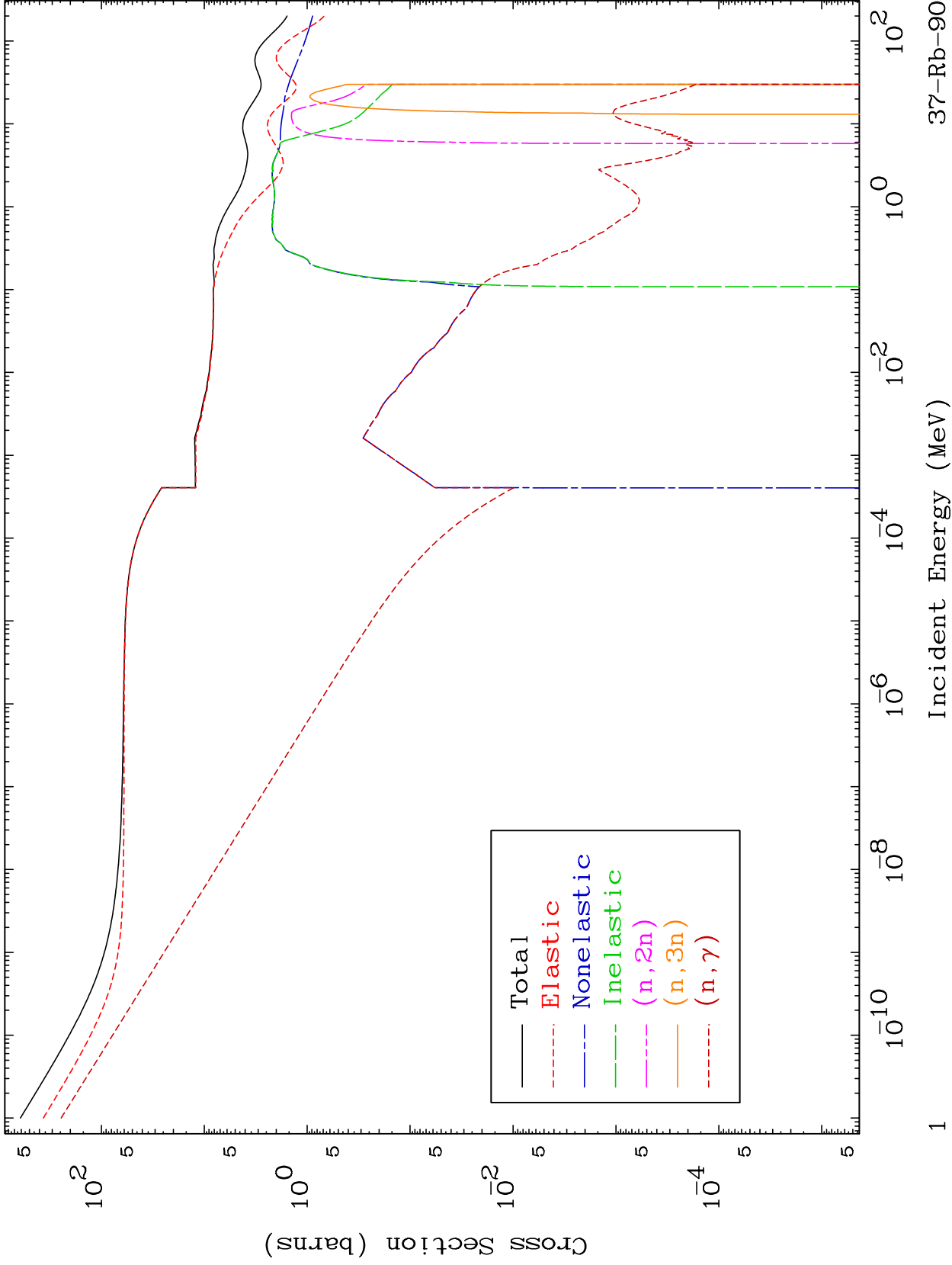
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3740

Neutron Major
293 Kelvin Cross Sections

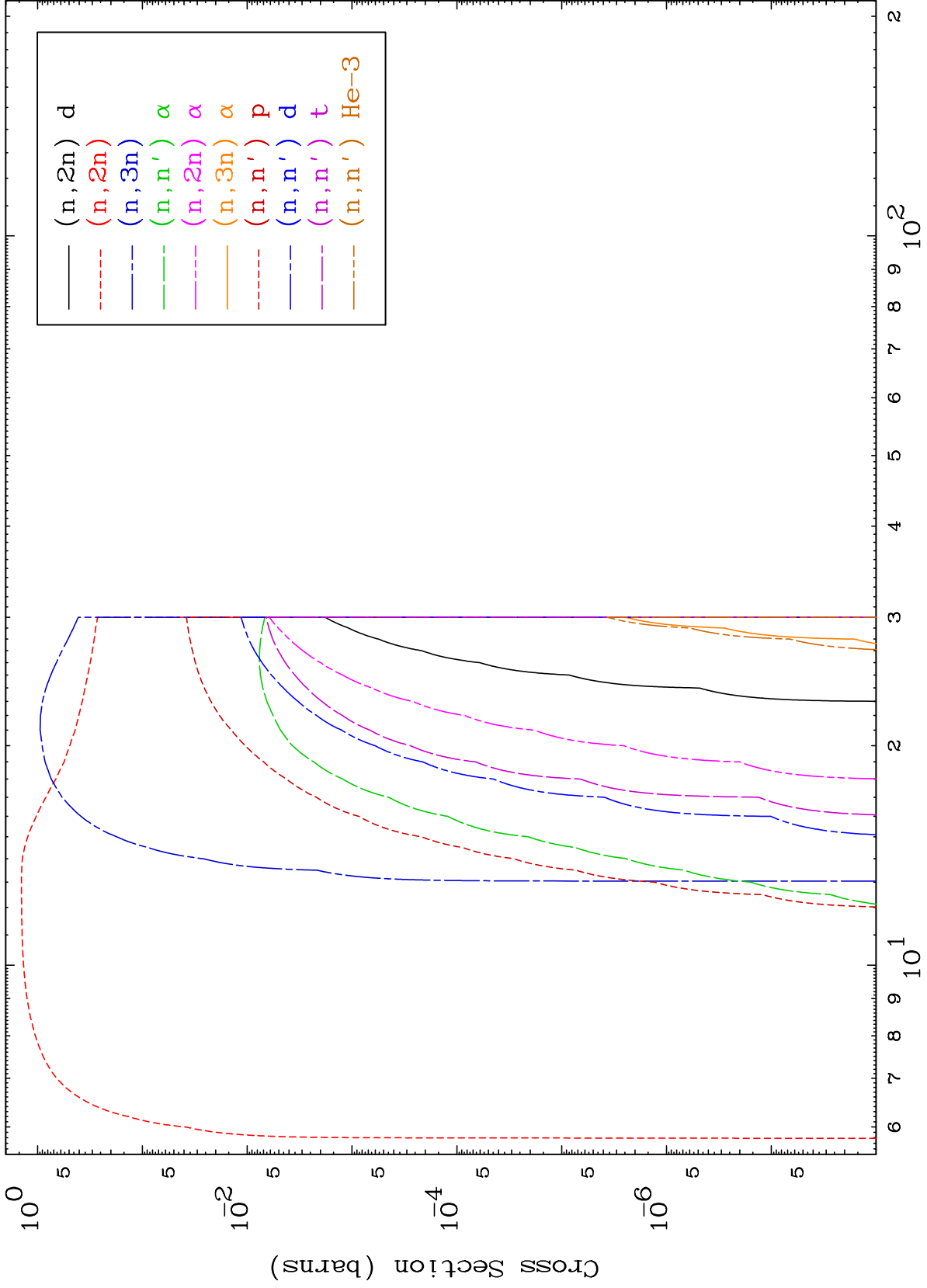
37-Rb-90



MAT 3740

Neutron Absorption
293 Kelvin Cross Sections

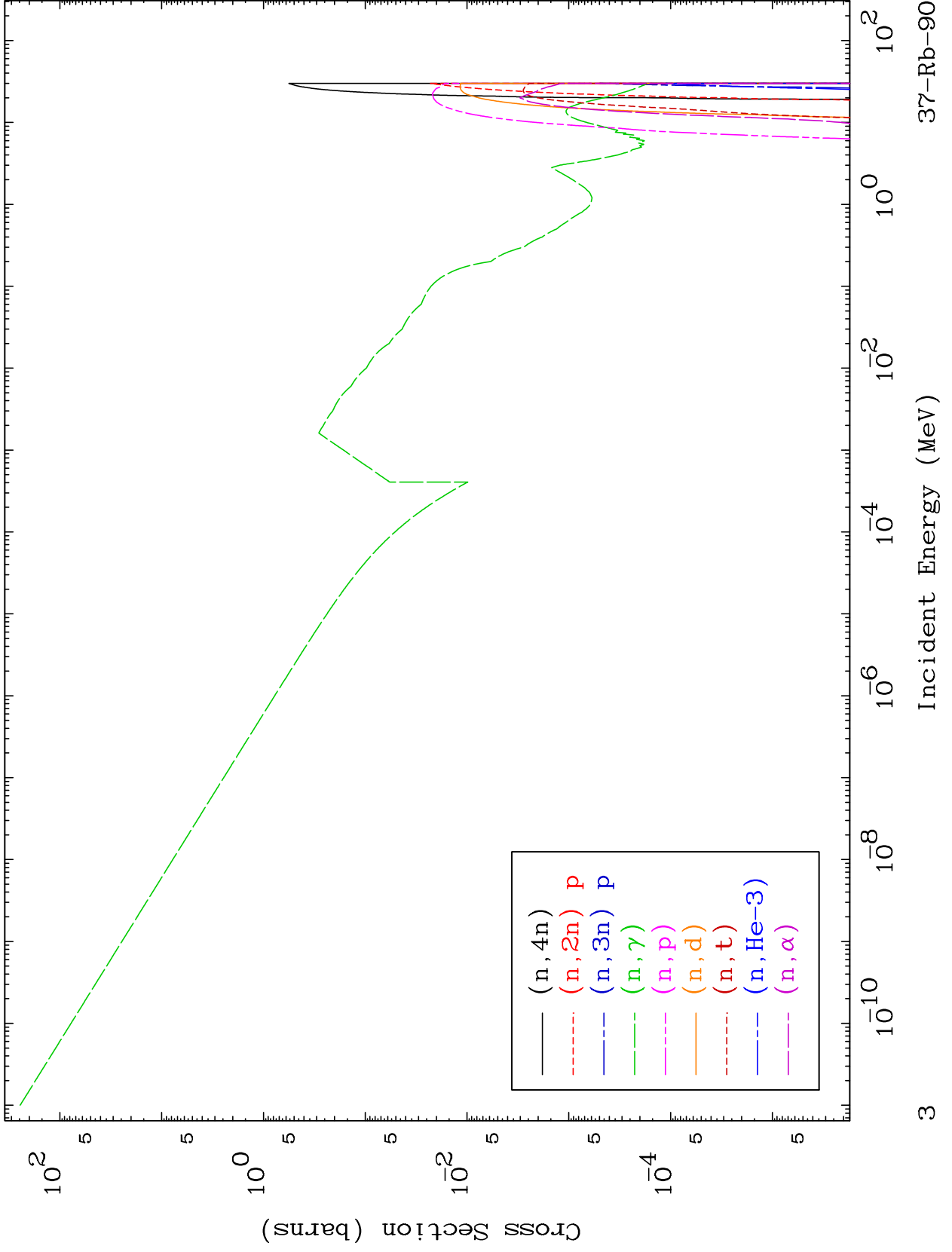
37-Rb-90



MAT 3740

Neutron Absorption
293 Kelvin Cross Sections

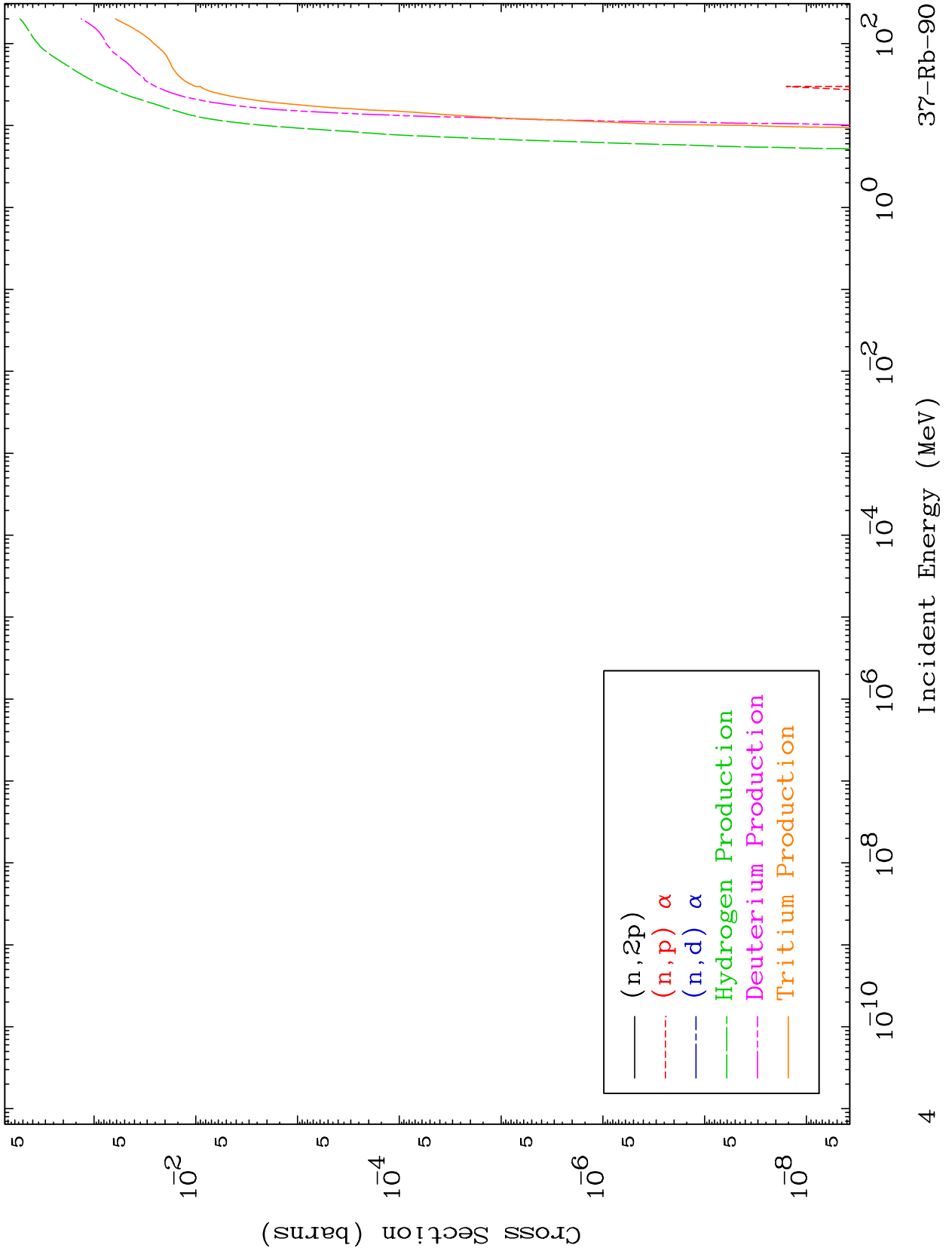
37-Rb-90



MAT 3740

Neutron Absorption
293 Kelvin Cross Sections

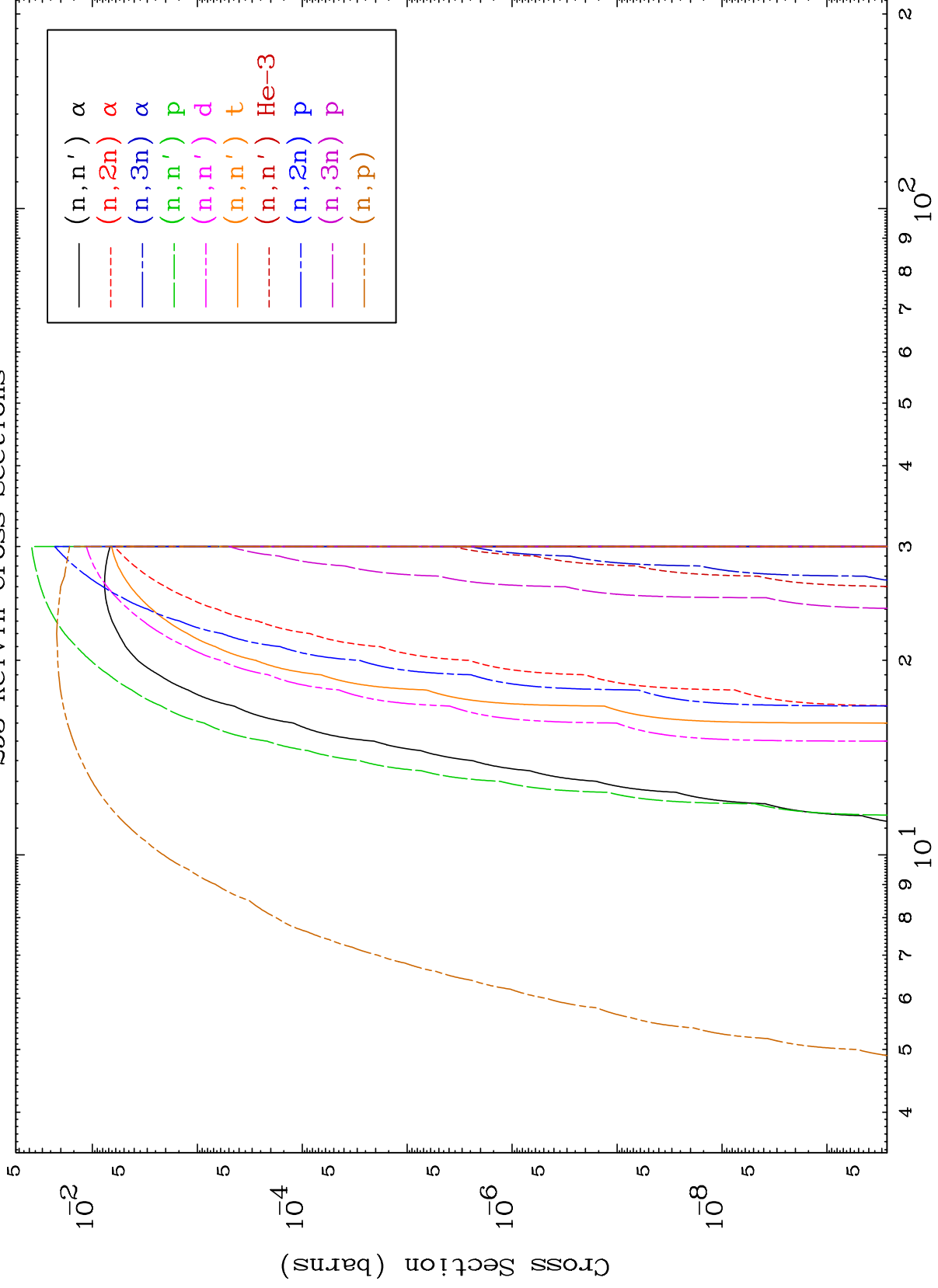
37-Rb-90



MAT 3740

Charged Particle
293 Kelvin Cross Sections

37-Rb-90



5

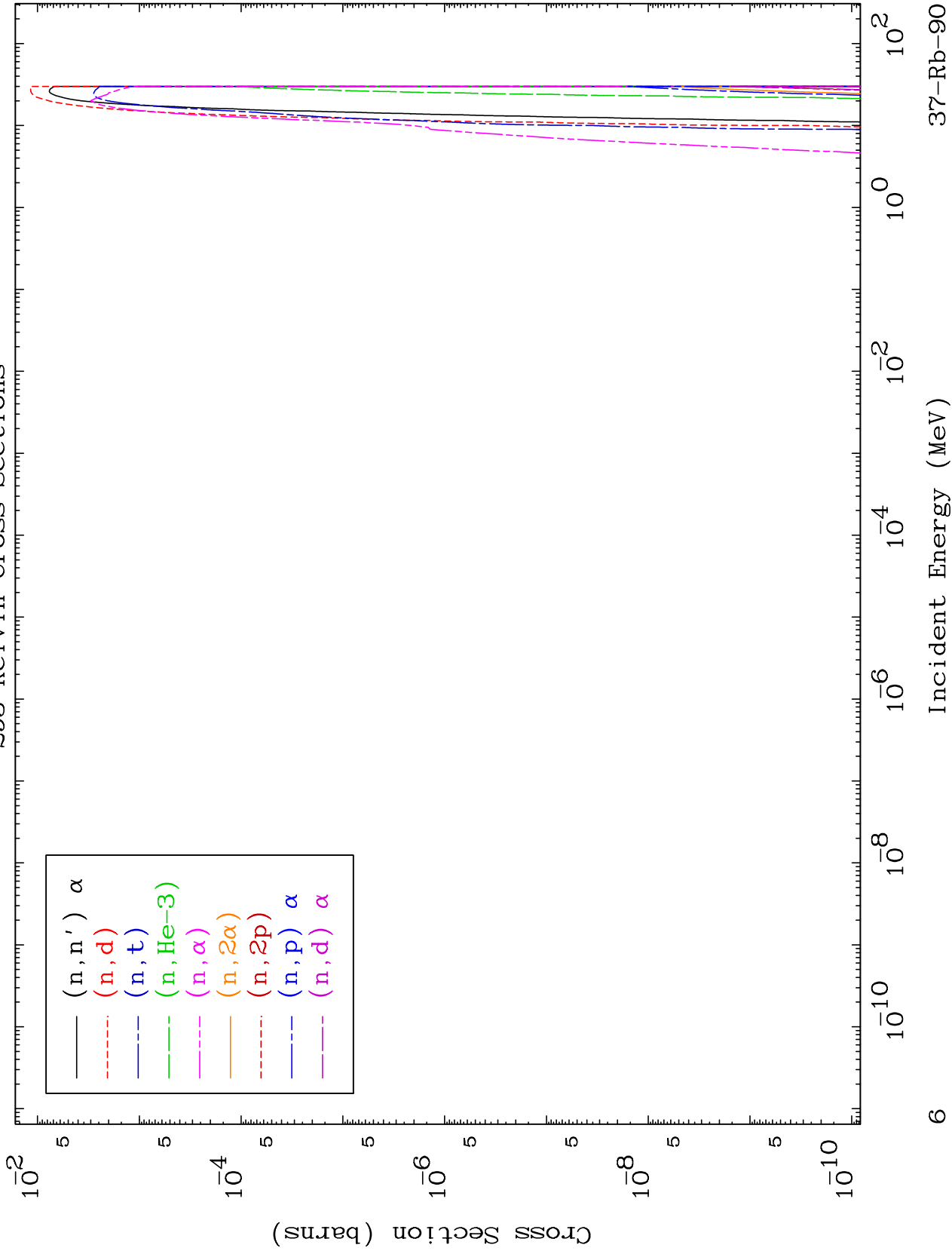
Incident Energy (MeV)

37-Rb-90

MAT 3740

Charged Particle
293 Kelvin Cross Sections

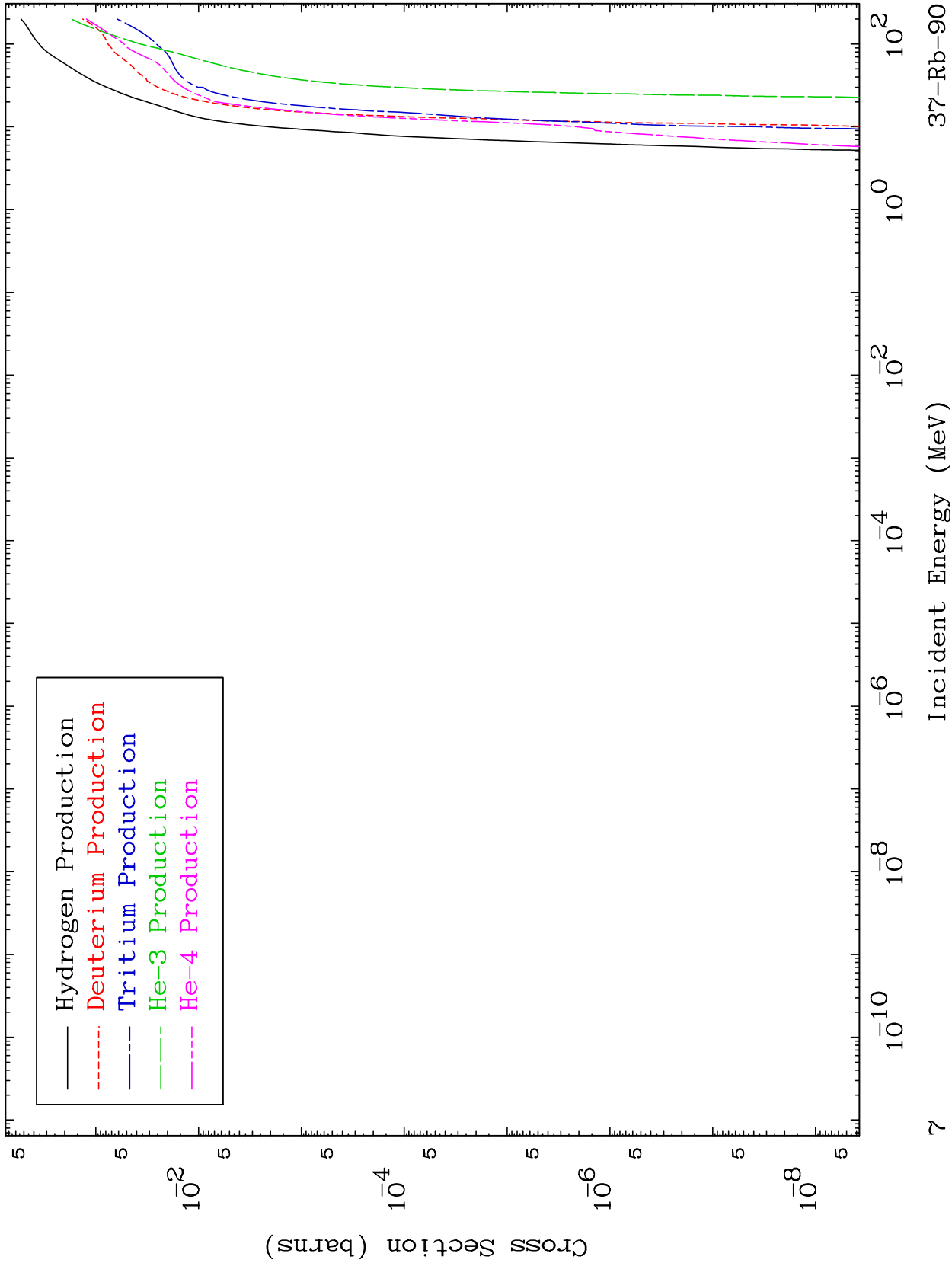
37-Rb-90



MAT 3740

Particle Production
293 Kelvin Cross Sections

37-Rb-90

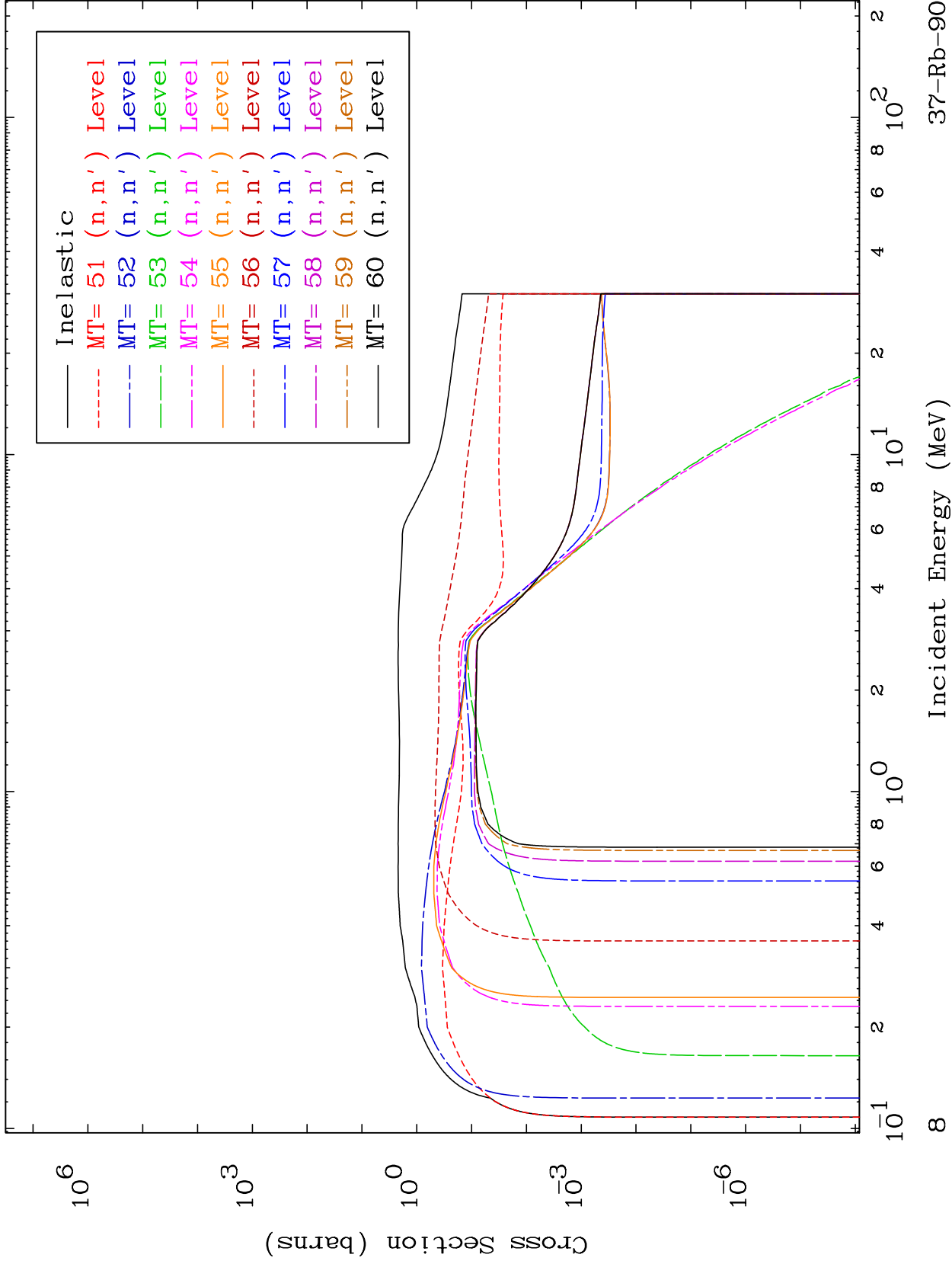


MAT 3740

(n,n') Levels

37-Rb-90

293 Kelvin Cross Sections



Incident Energy (MeV)

37-Rb-90

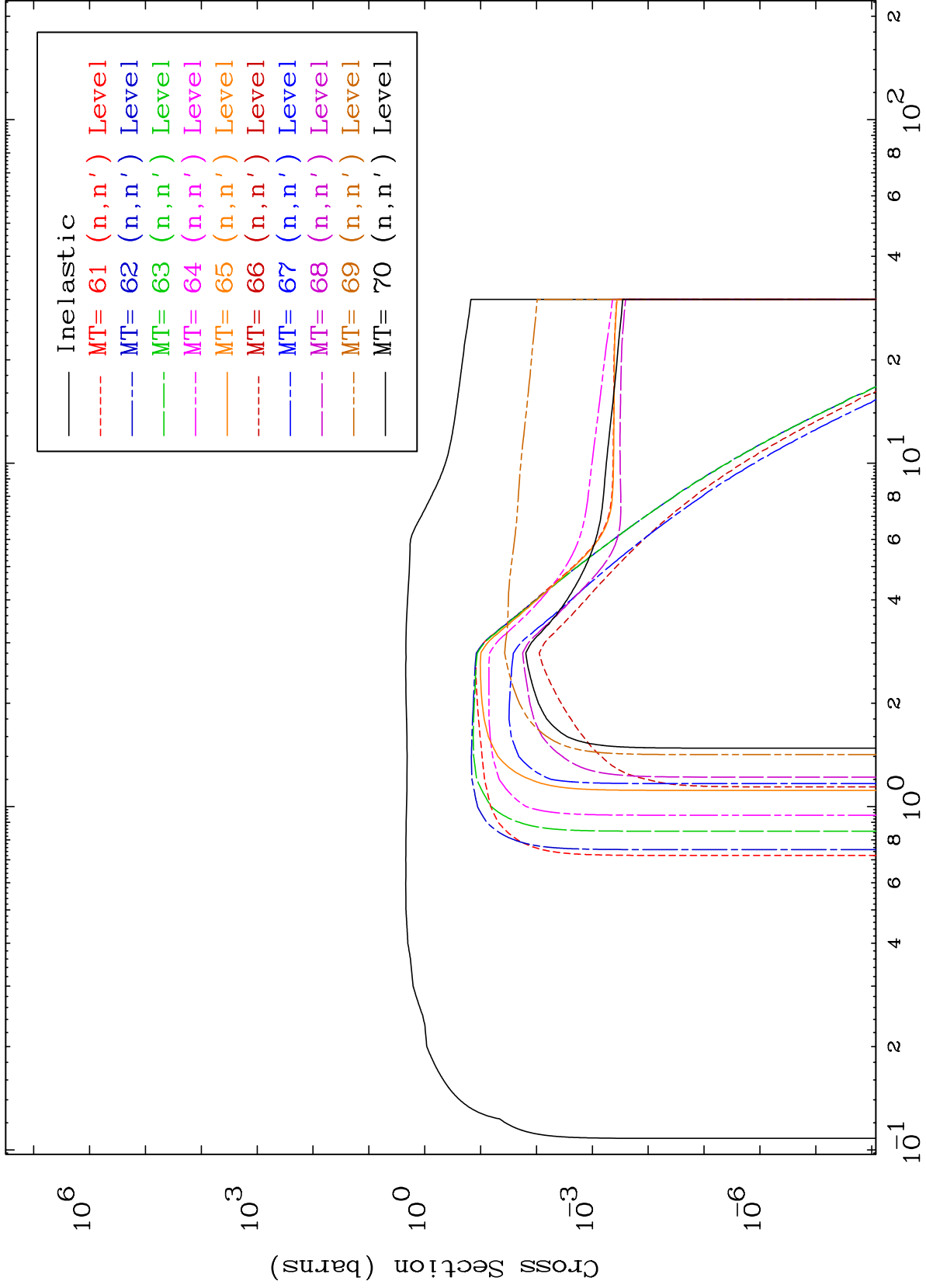
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MAT 3740

(n,n') Levels

37-Rb-90

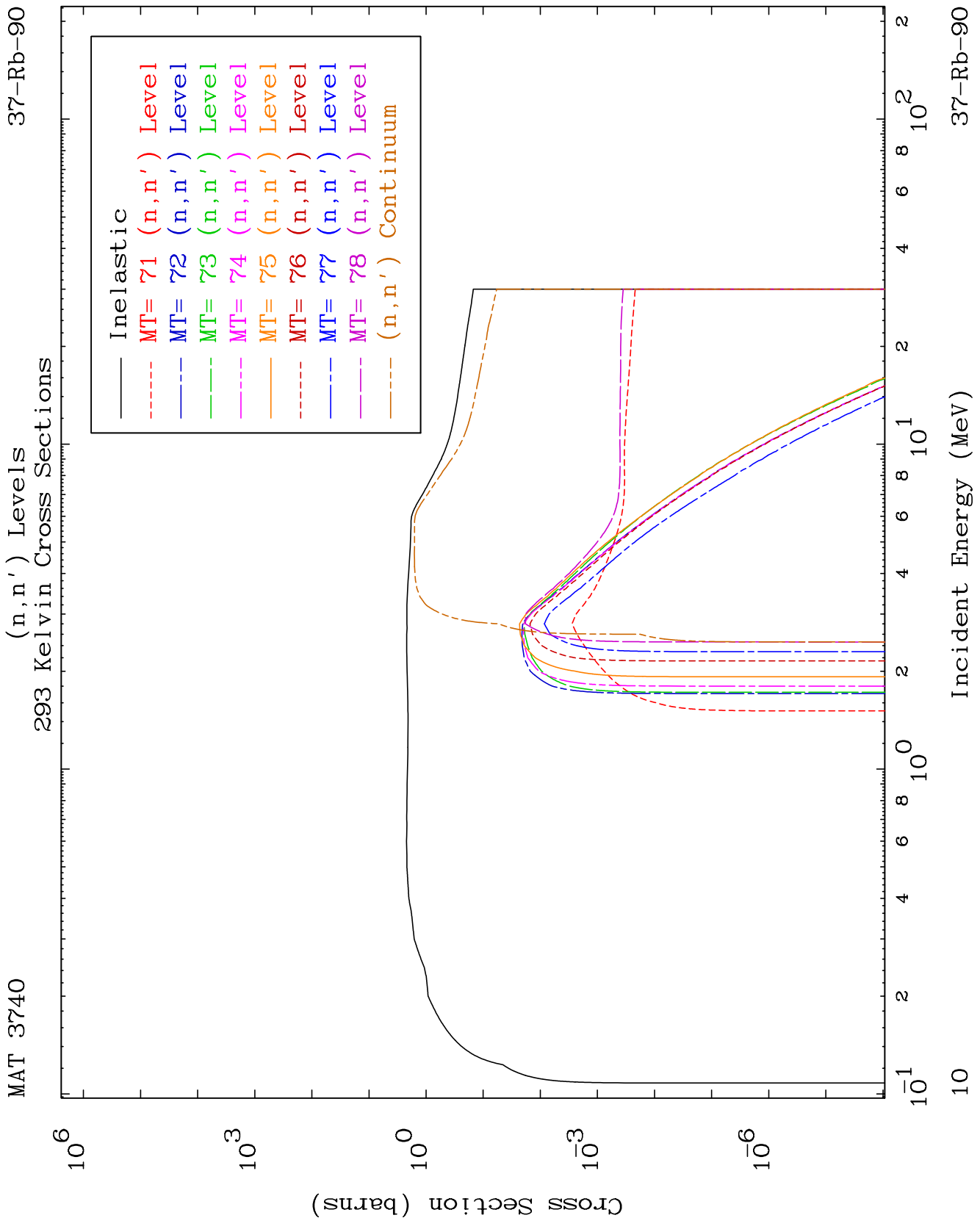
293 Kelvin Cross Sections



9

Incident Energy (MeV)

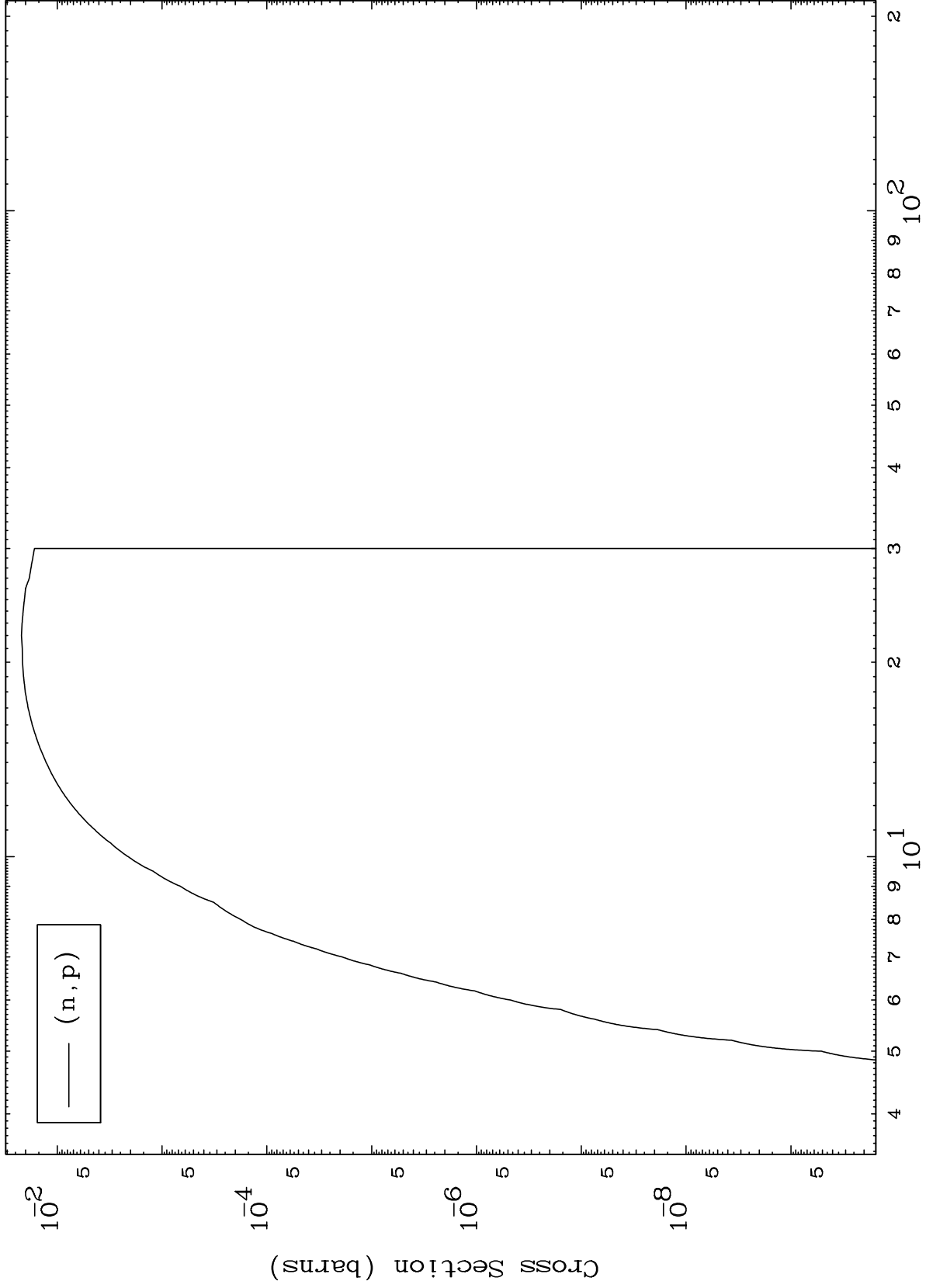
37-Rb-90



MAT 3740

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-90



11

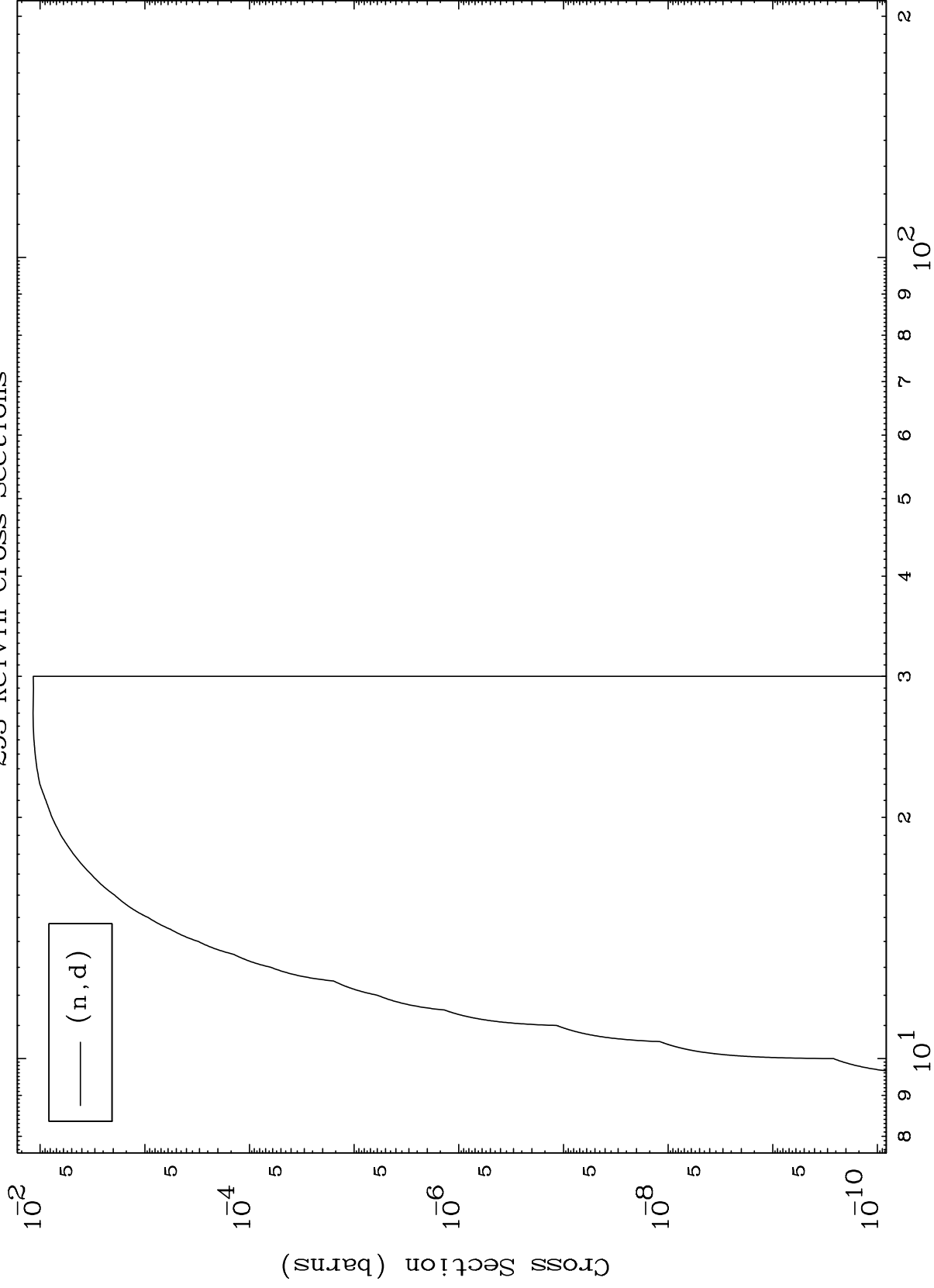
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-90



12

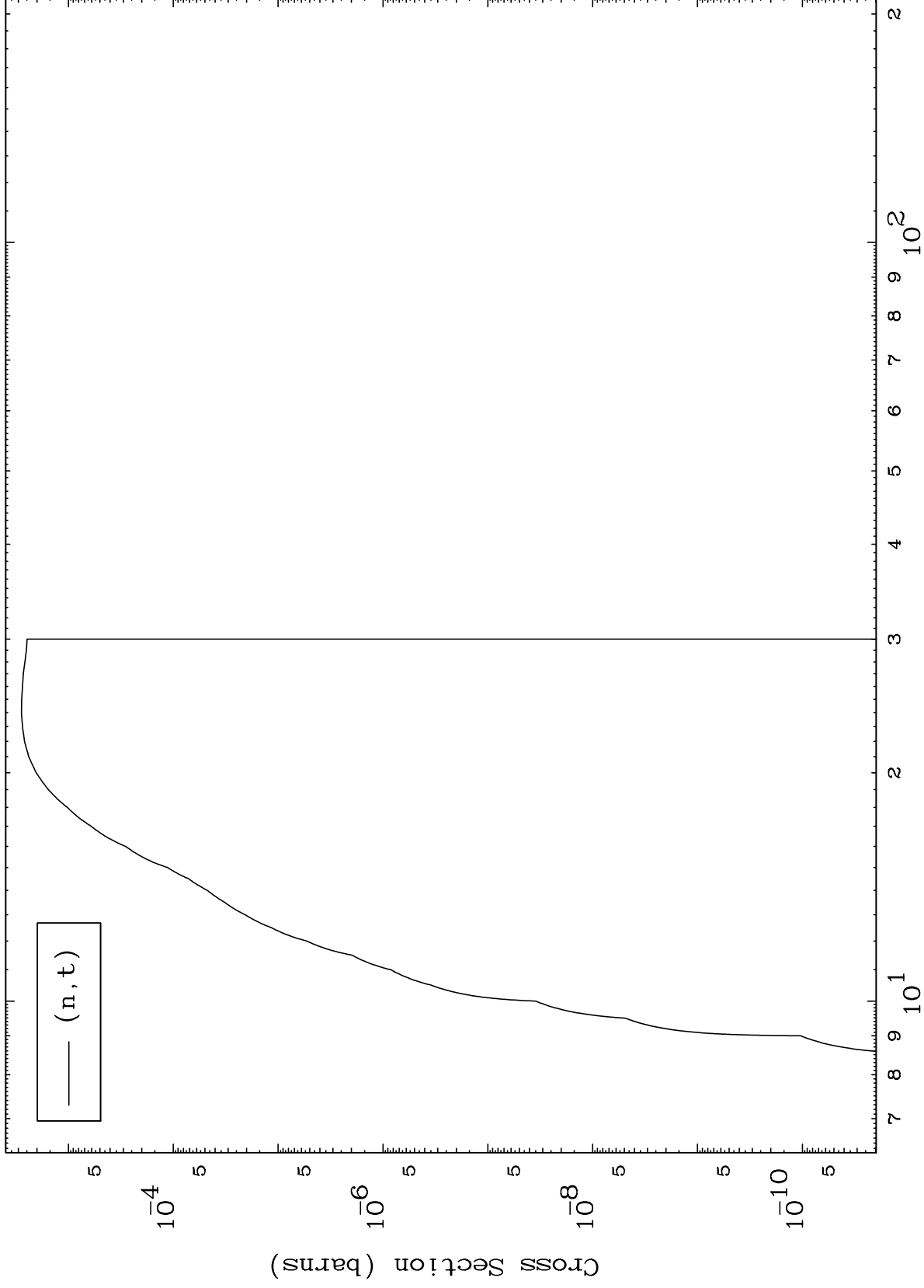
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-90



13

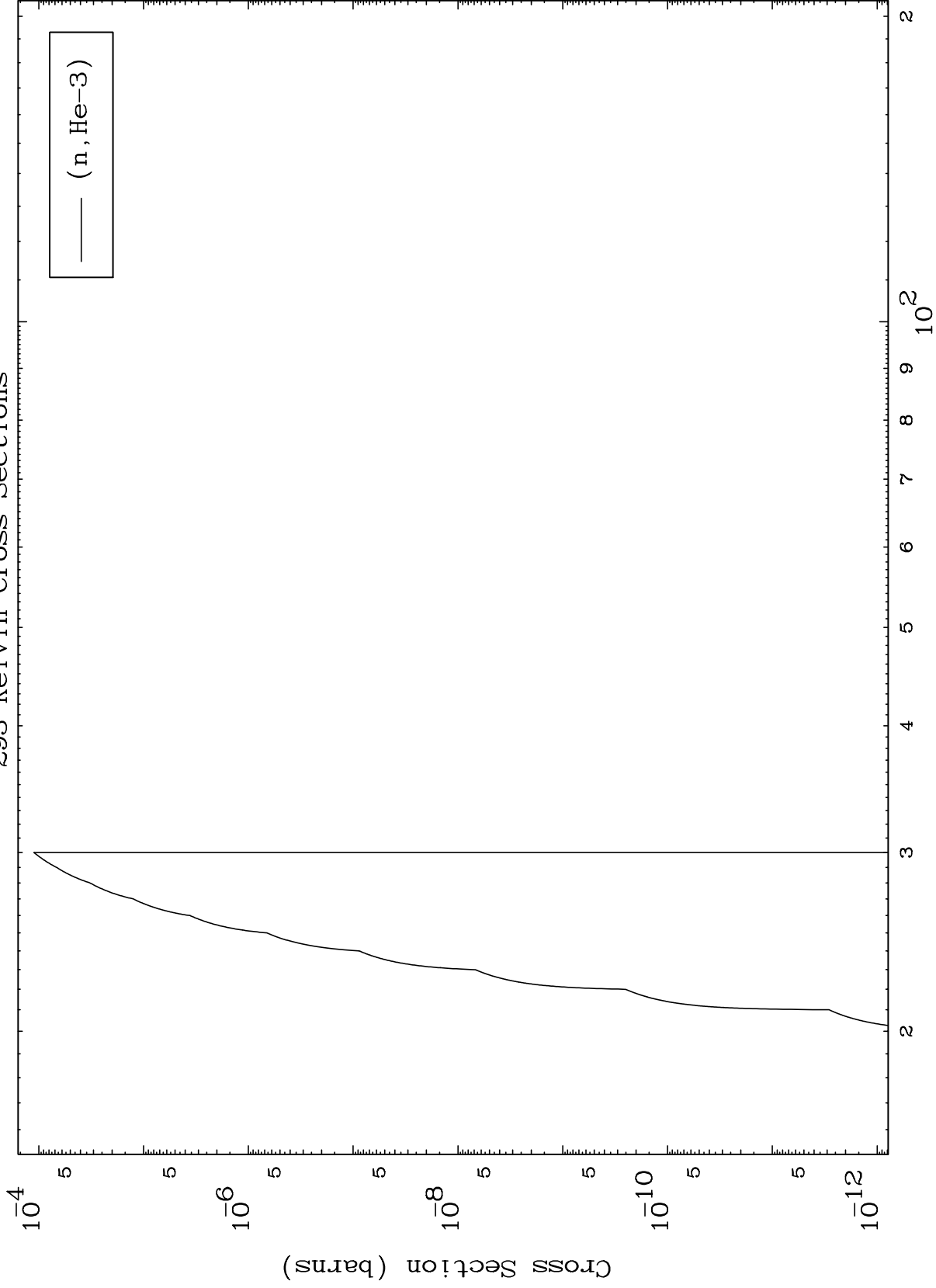
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-90



14

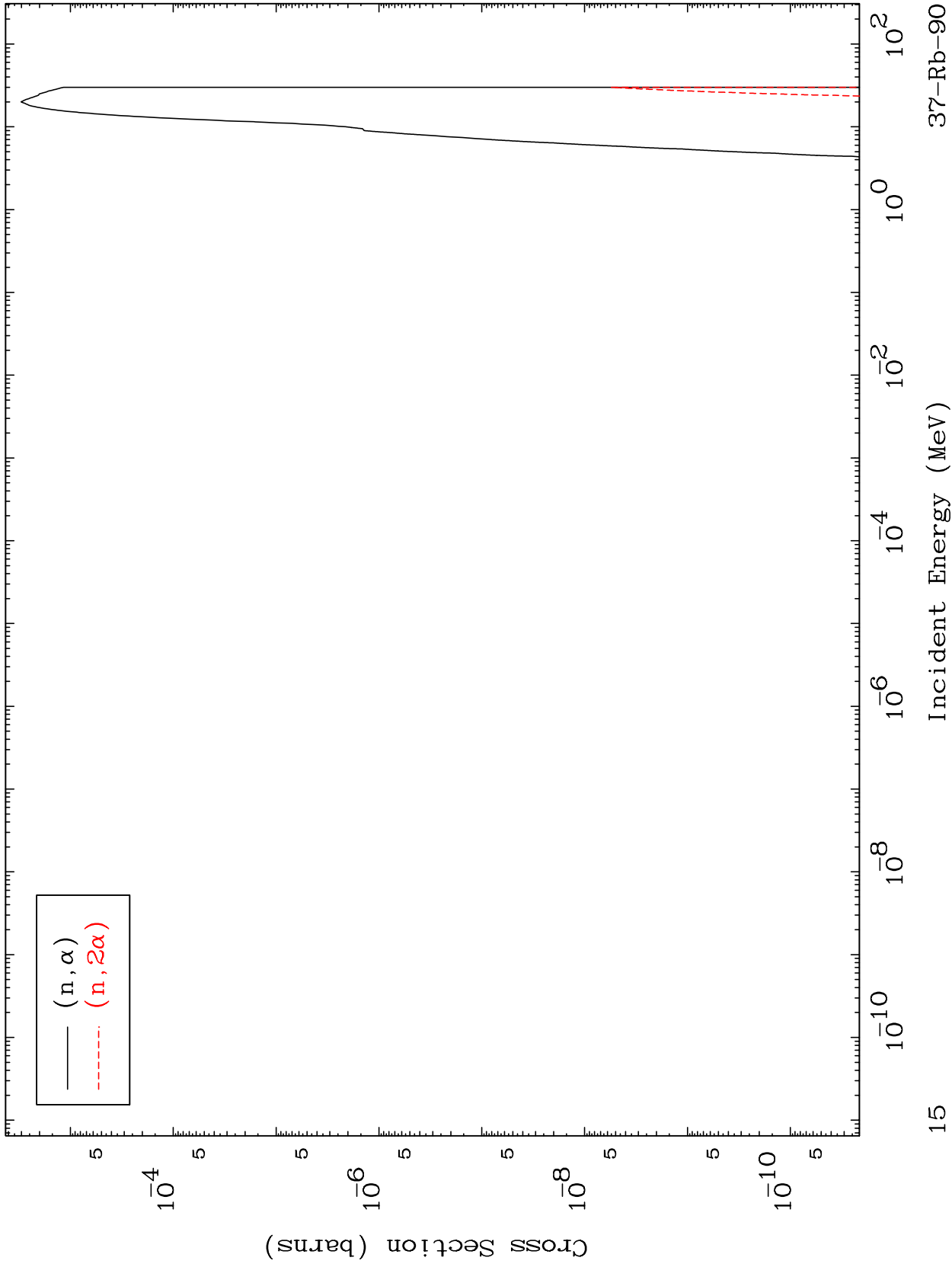
Incident Energy (MeV)

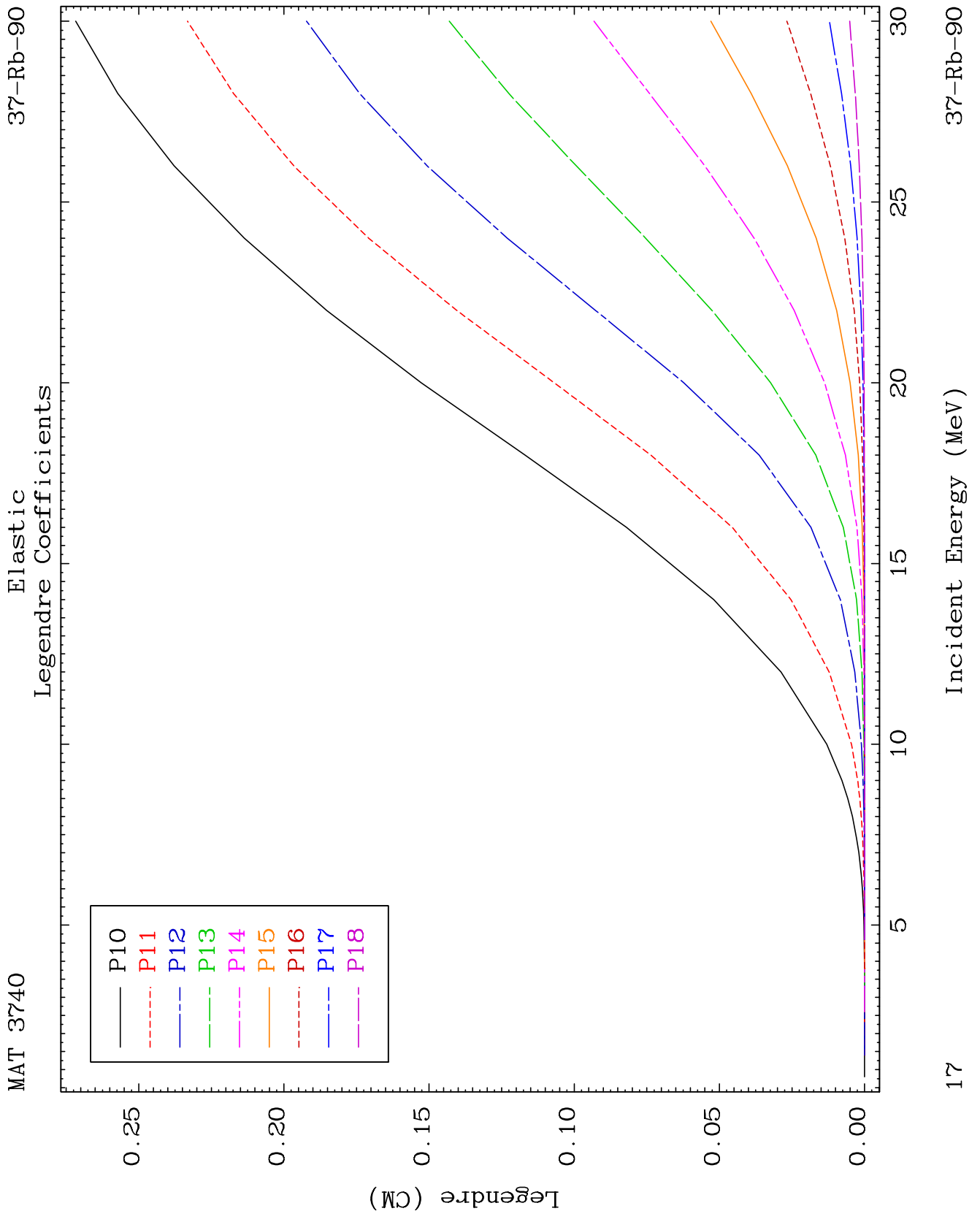
37-Rb-90

MAT 3740

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-90

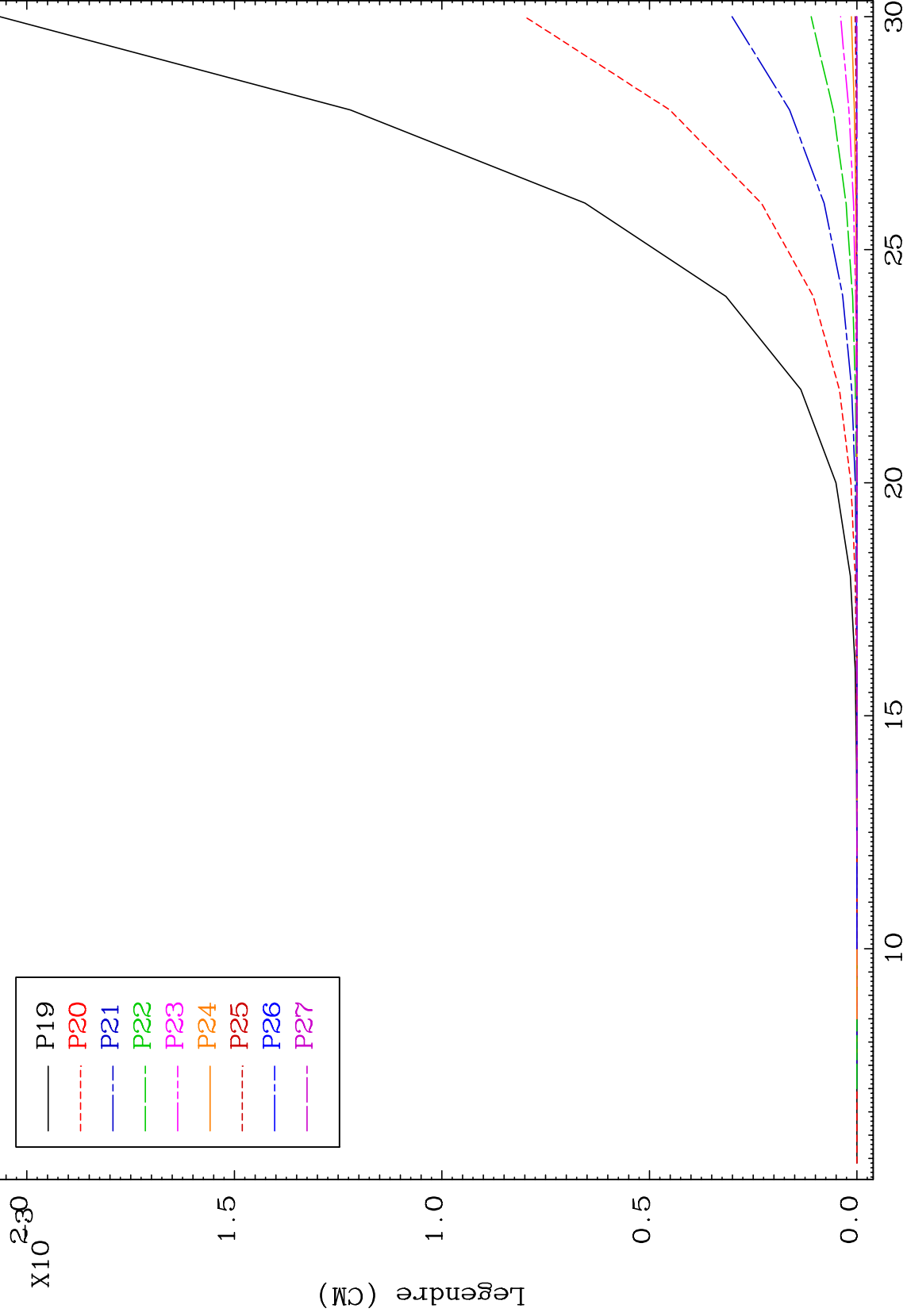




MAT 3740

Elastic
Legendre Coefficients

37-Rb-90



18

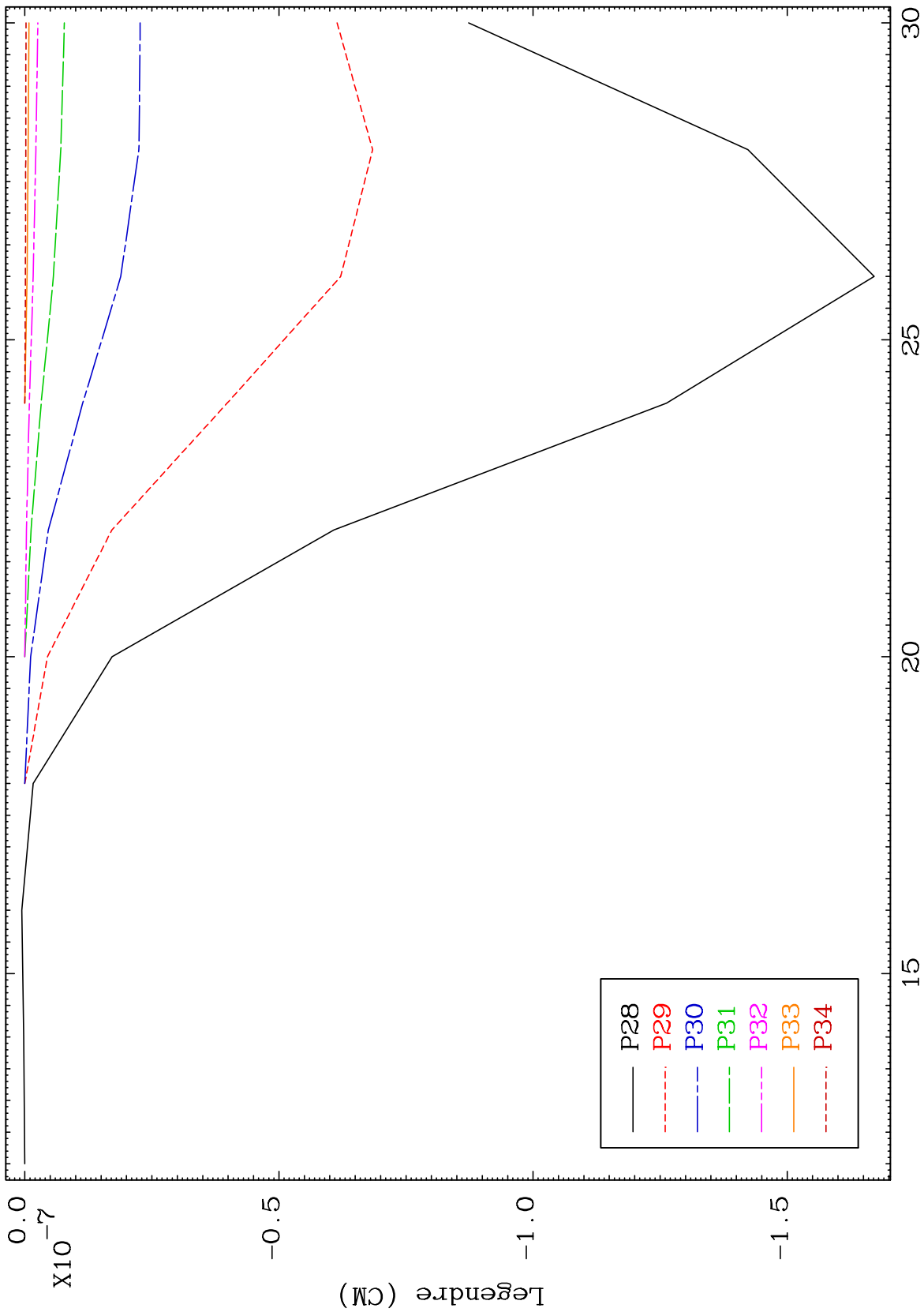
Incident Energy (MeV)

37-Rb-90

MAT 3740

37-Rb-90

Elastic Legendre Coefficients



0.0
 $\times 10^{-7}$

-0.5

-1.0

-1.5

Legendre (CM)

15

20

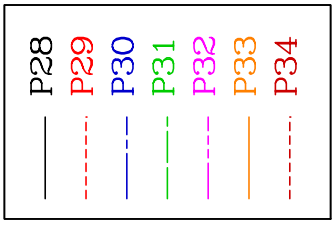
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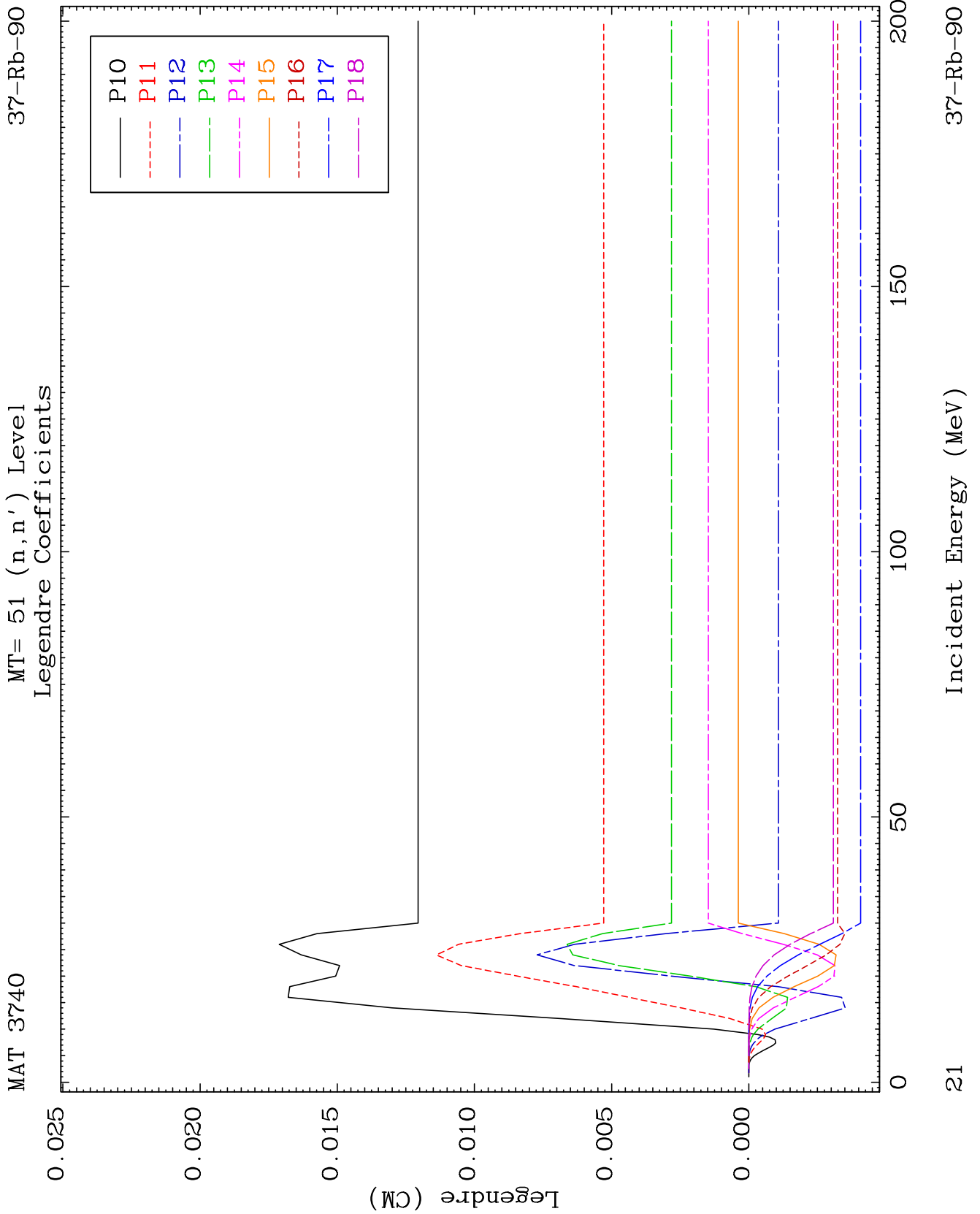
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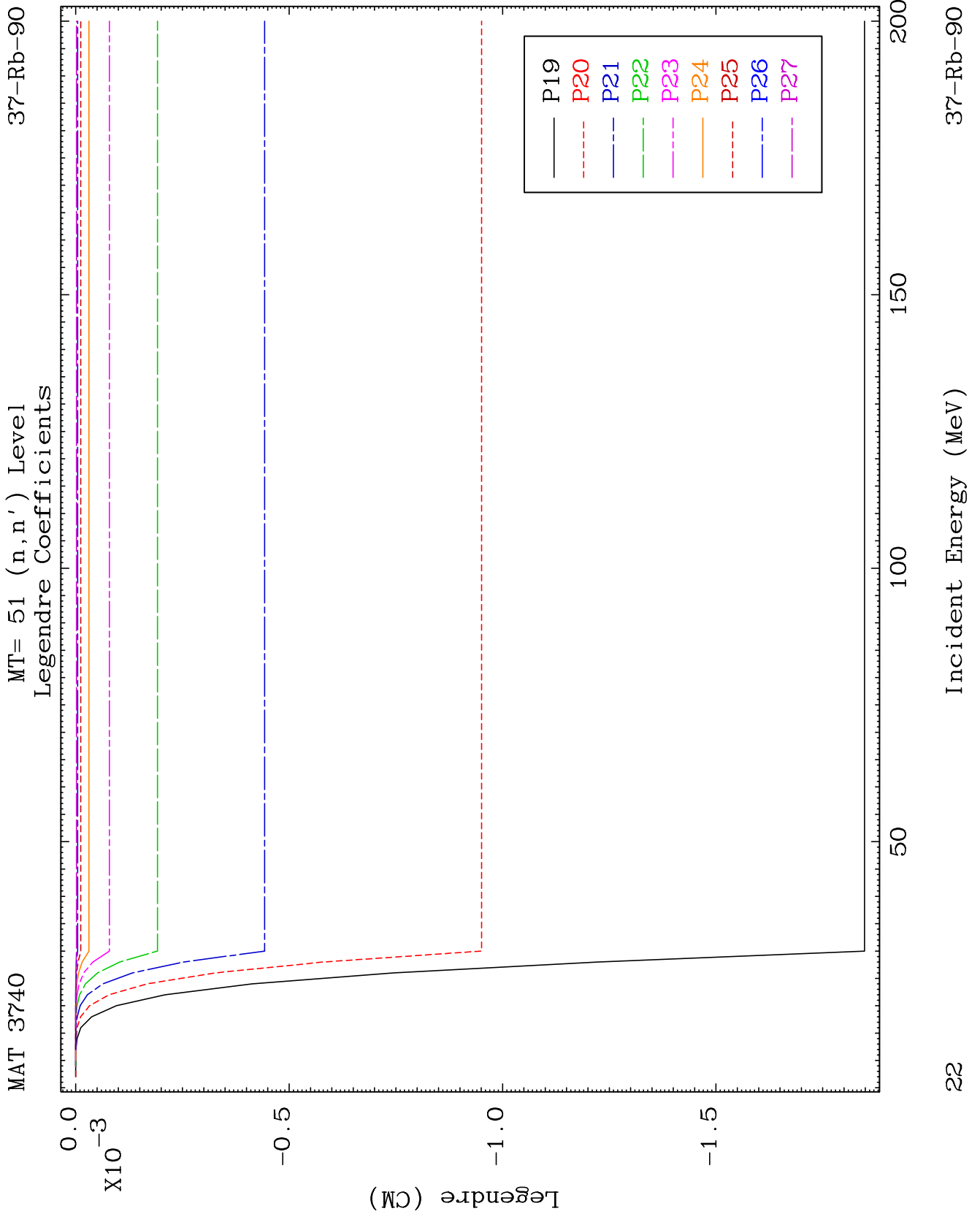
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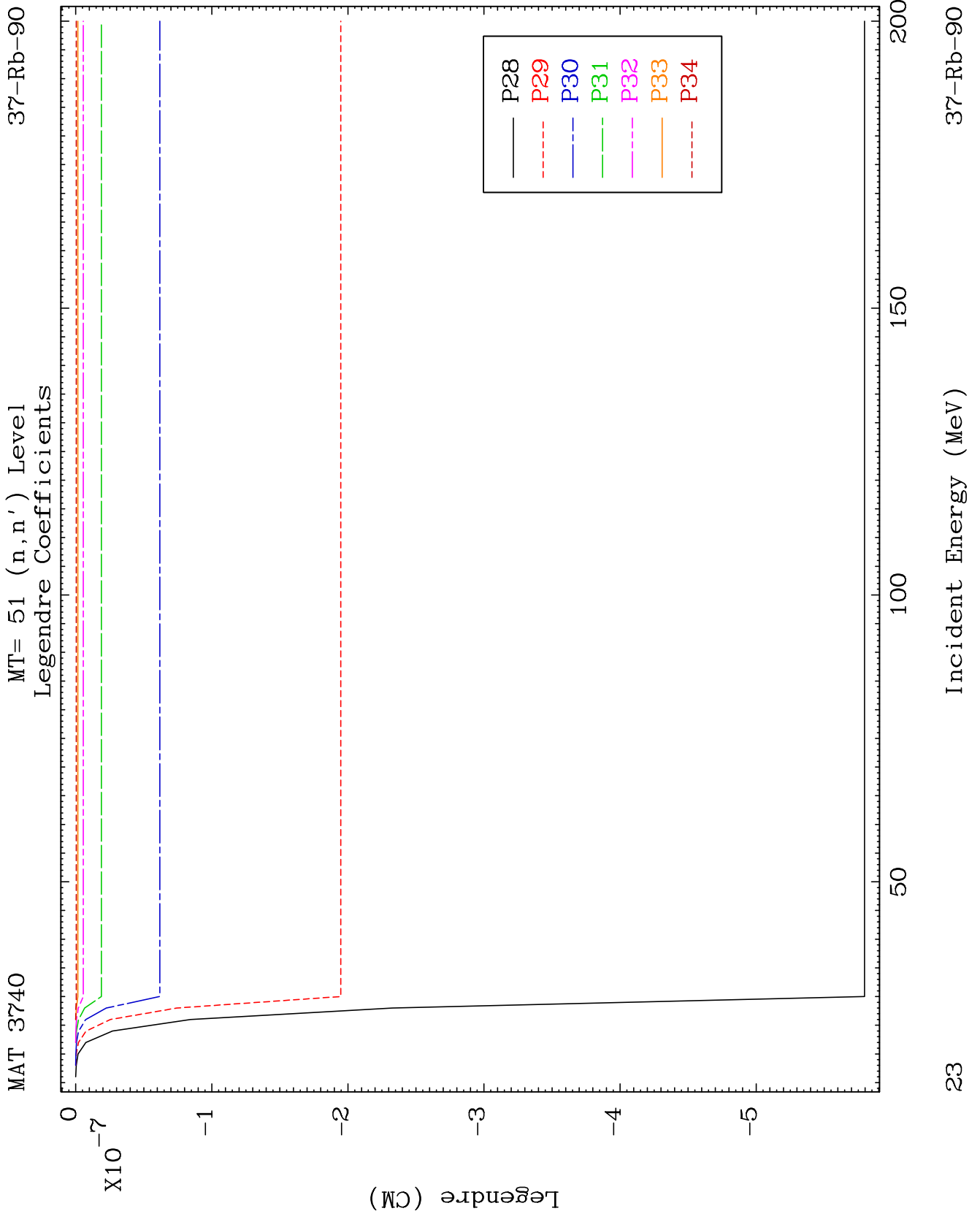
Incident Energy (MeV)

37-Rb-90





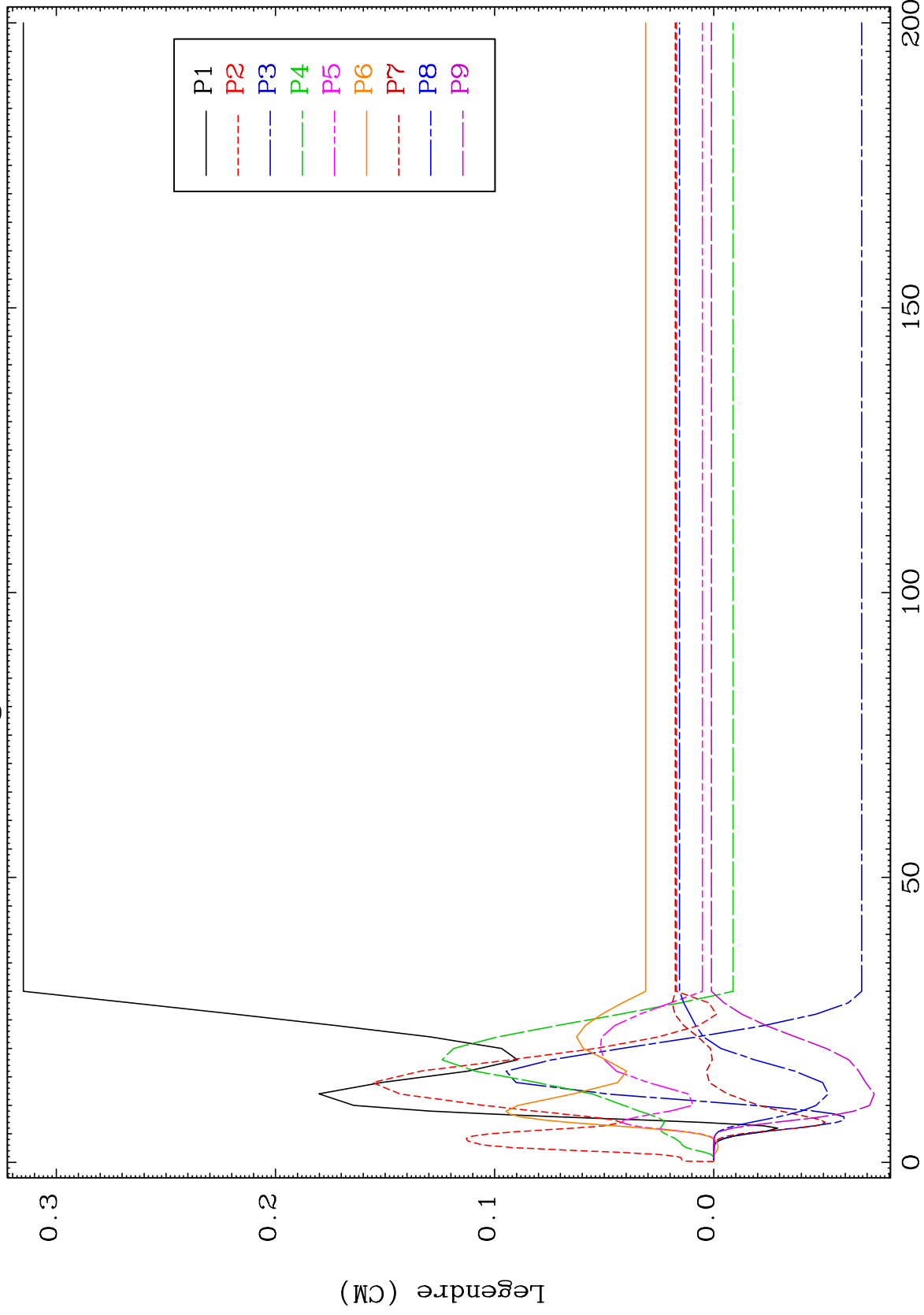




MAT 3740

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

37-Rb-90



24

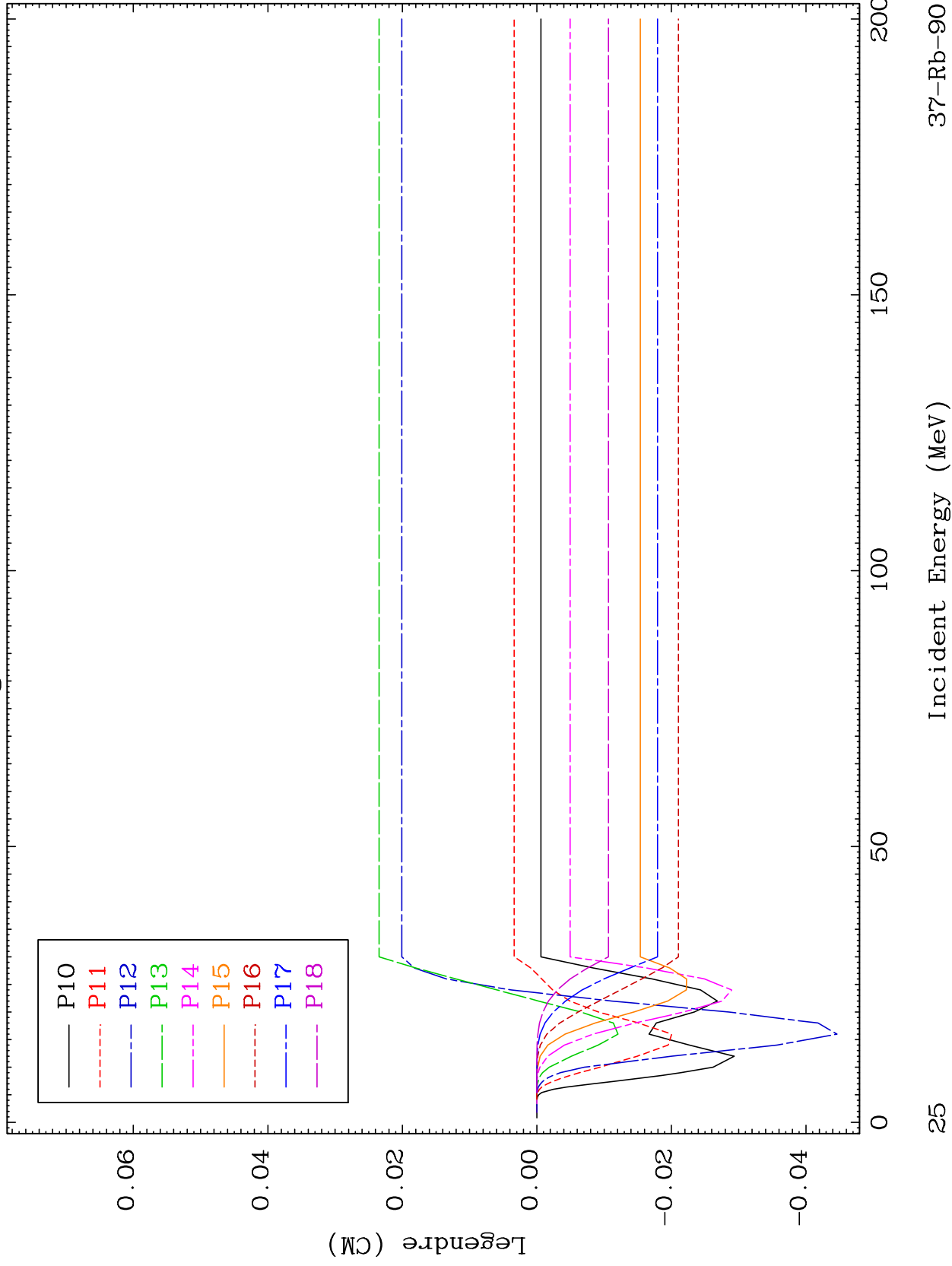
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

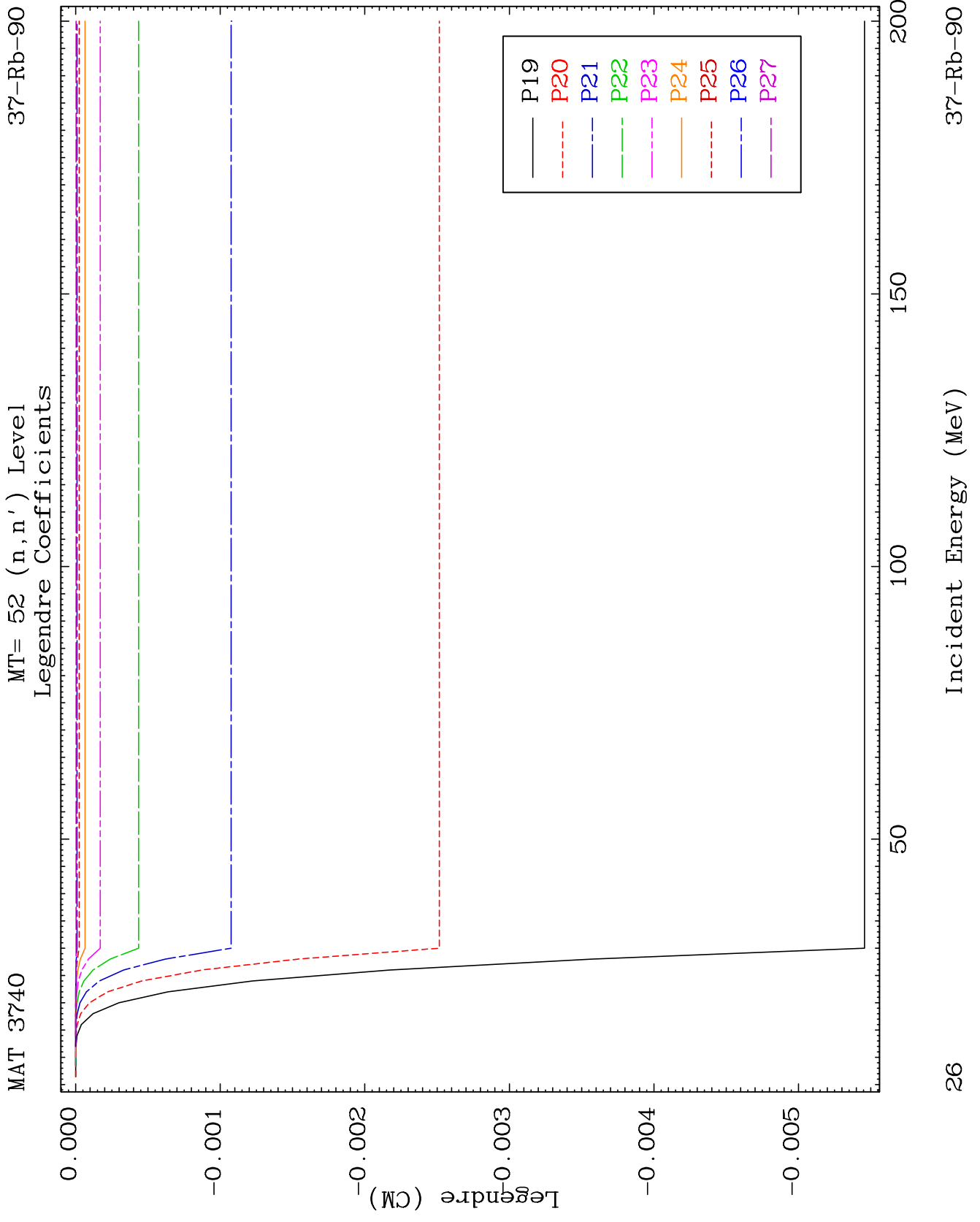
37-Rb-90

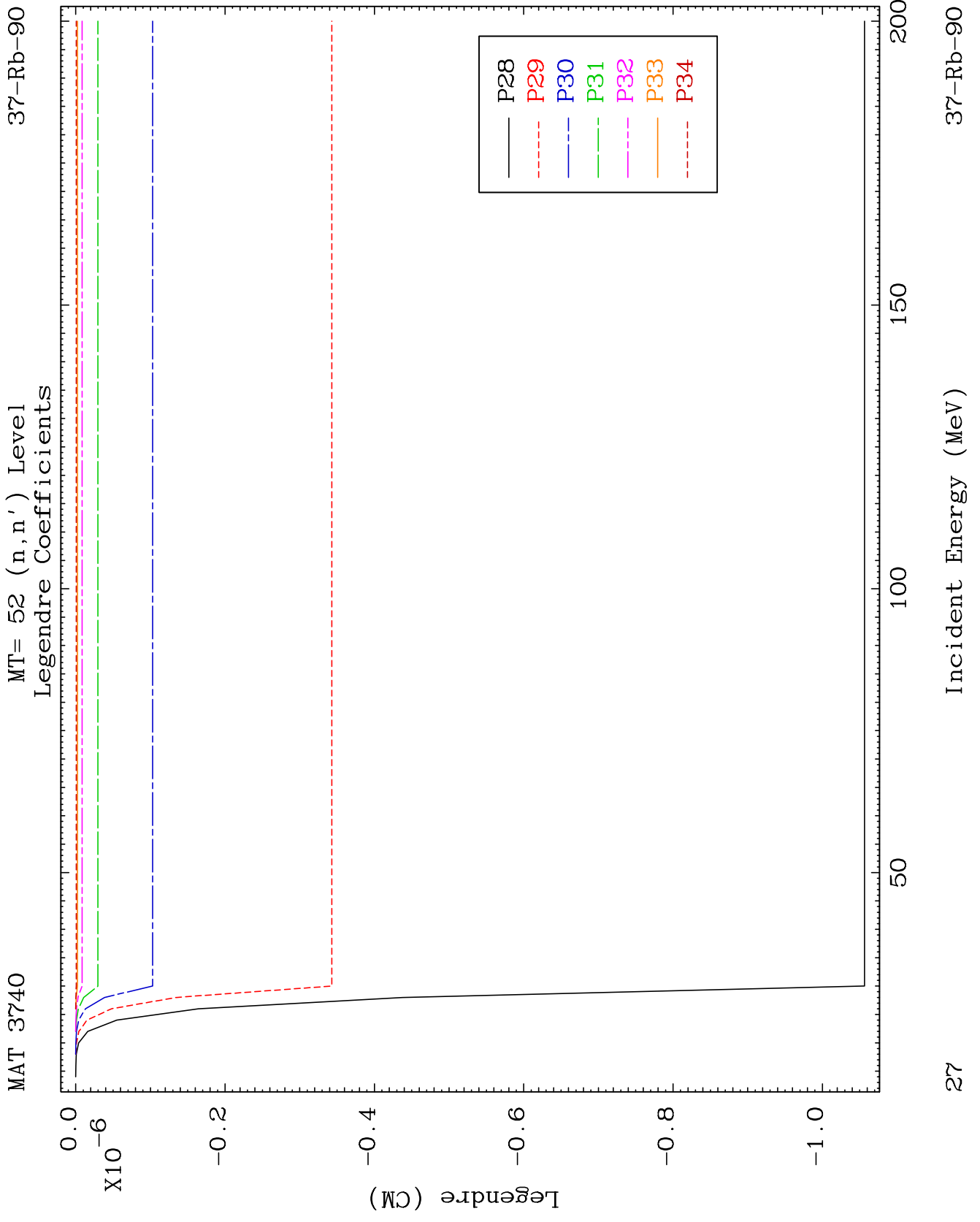


37-Rb-90

Incident Energy (MeV)

25

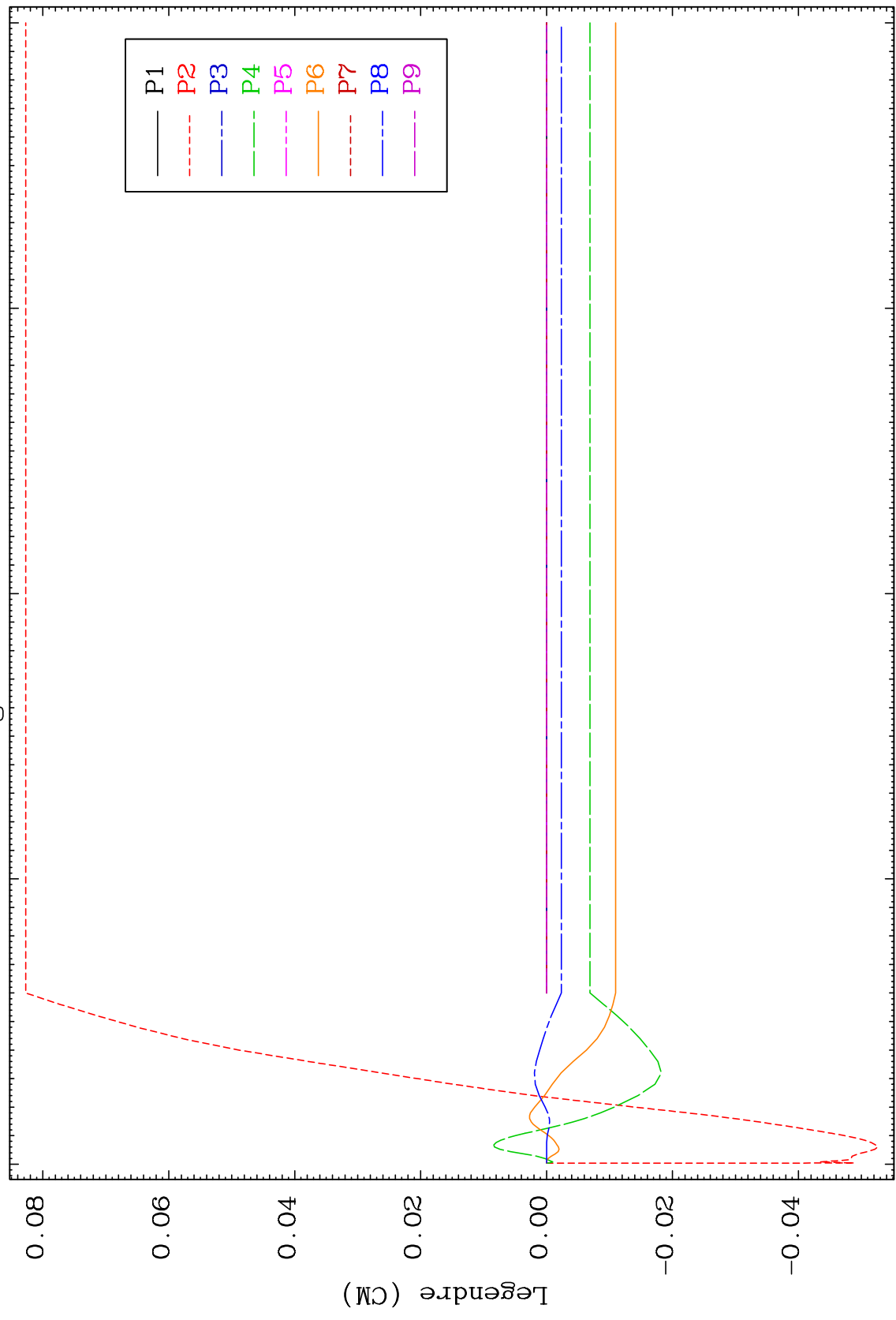




MAT 3740

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

37-Rb-90



28

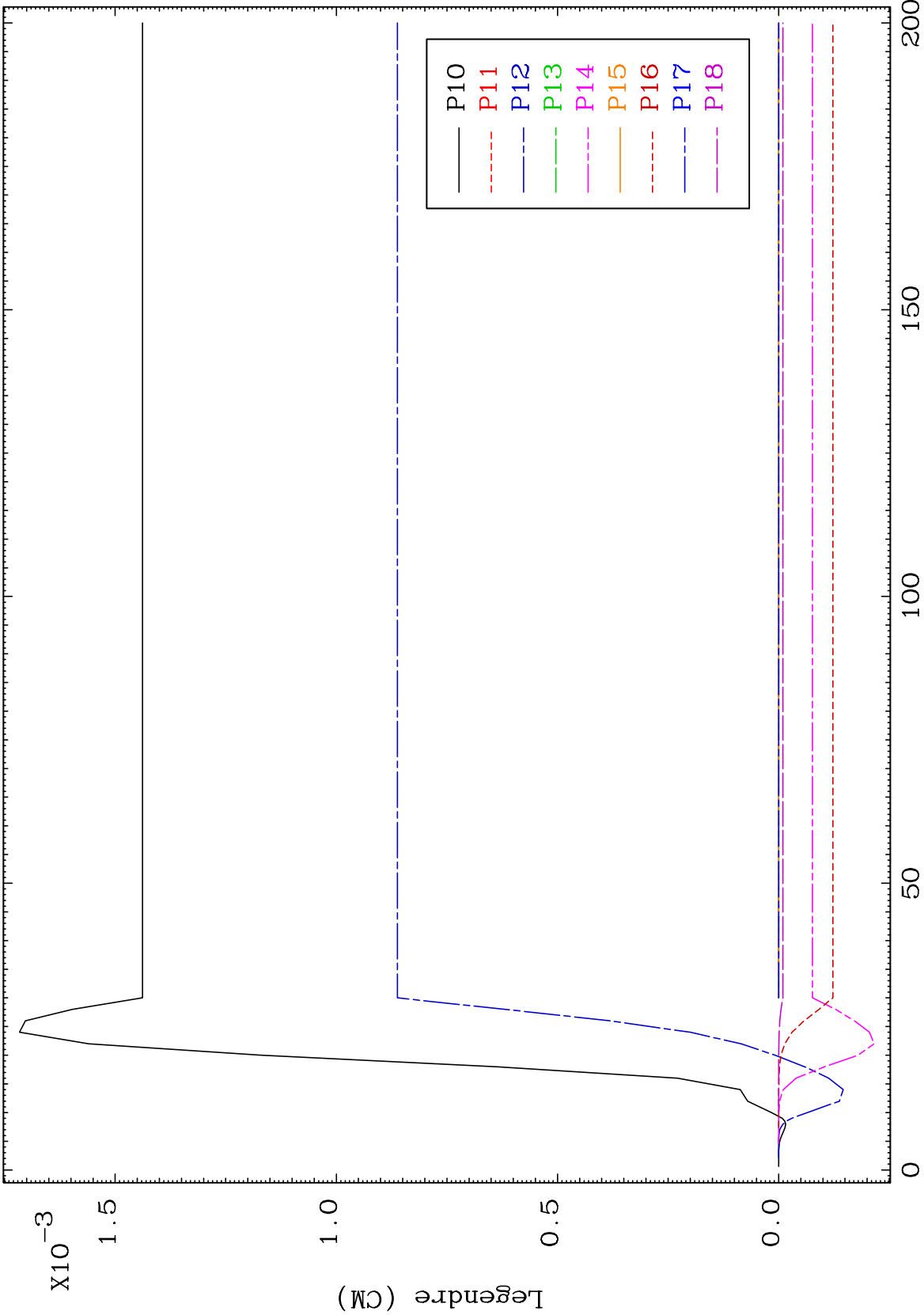
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

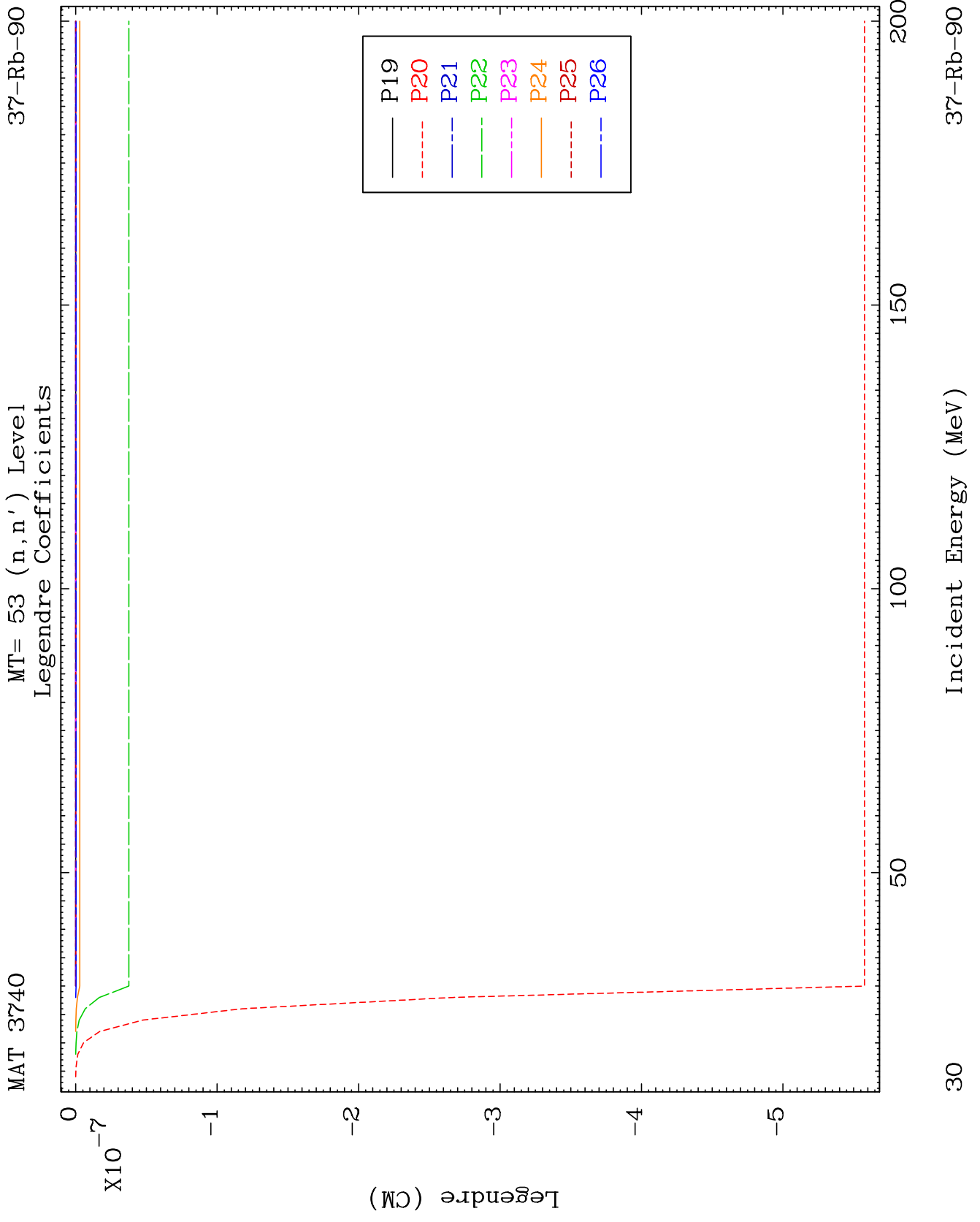
37-Rb-90



29

Incident Energy (MeV)

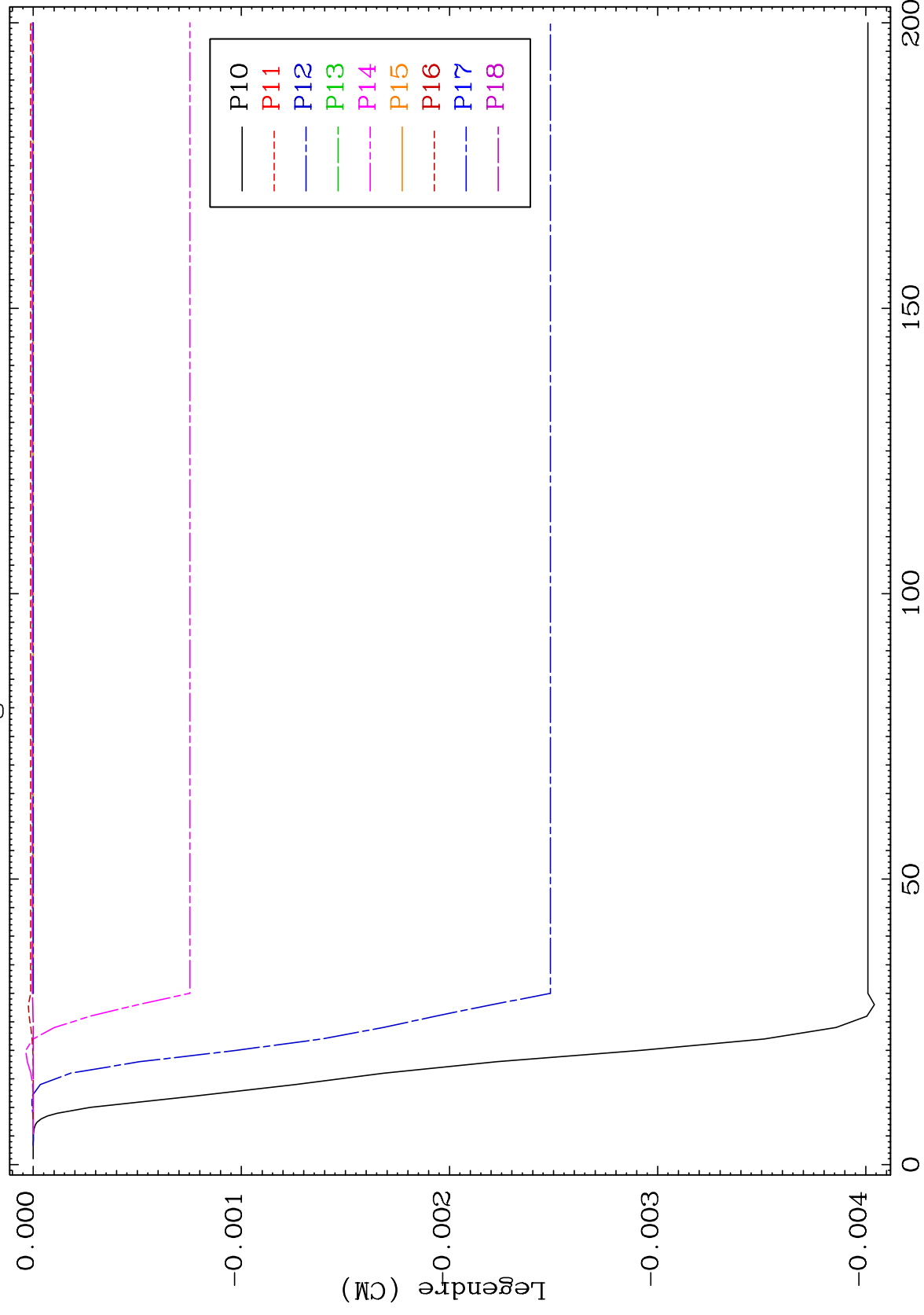
37-Rb-90



MAT 3740

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

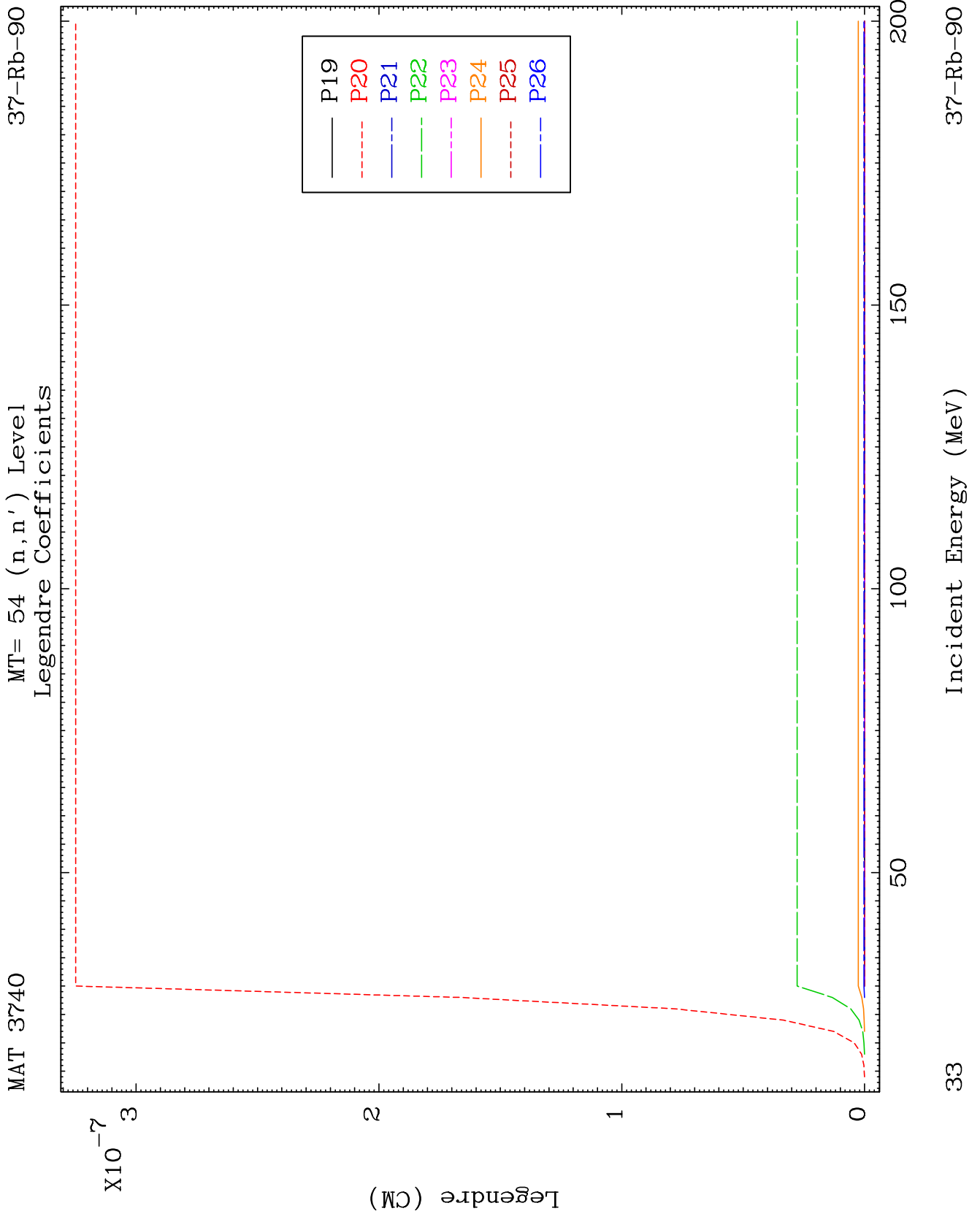
37-Rb-90



37-Rb-90

Incident Energy (MeV)

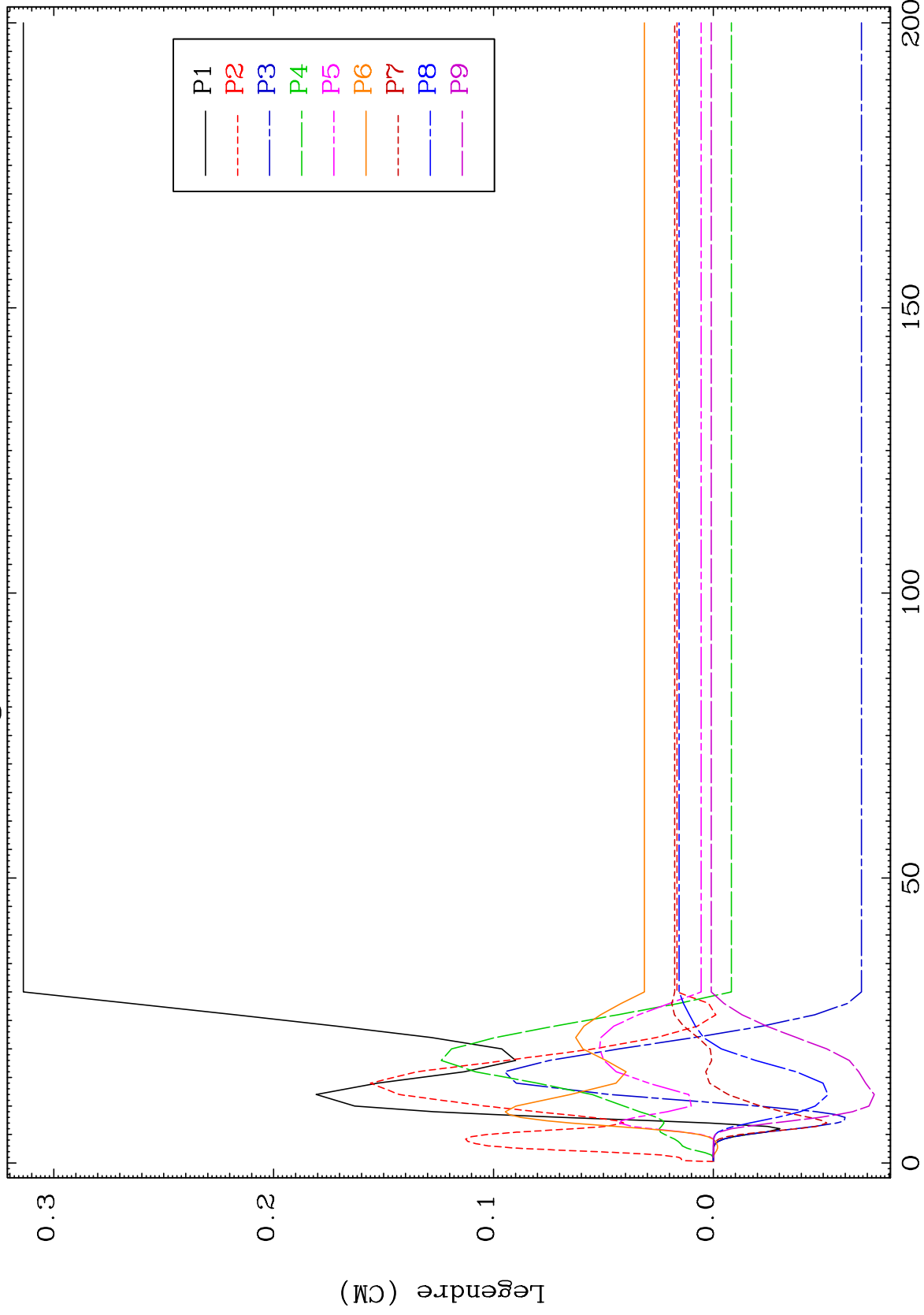
32



MAT 3740

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

37-Rb-90



34

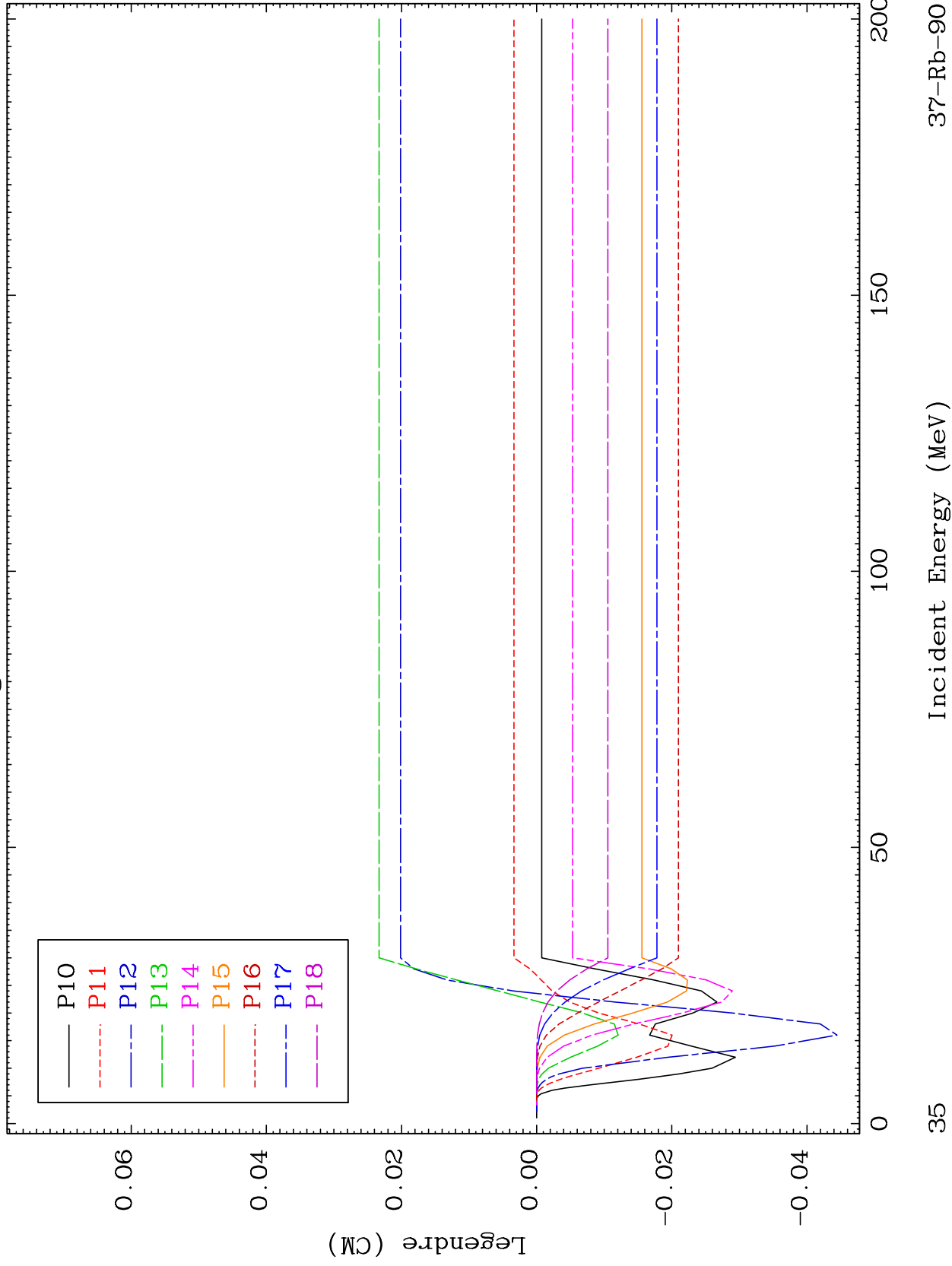
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

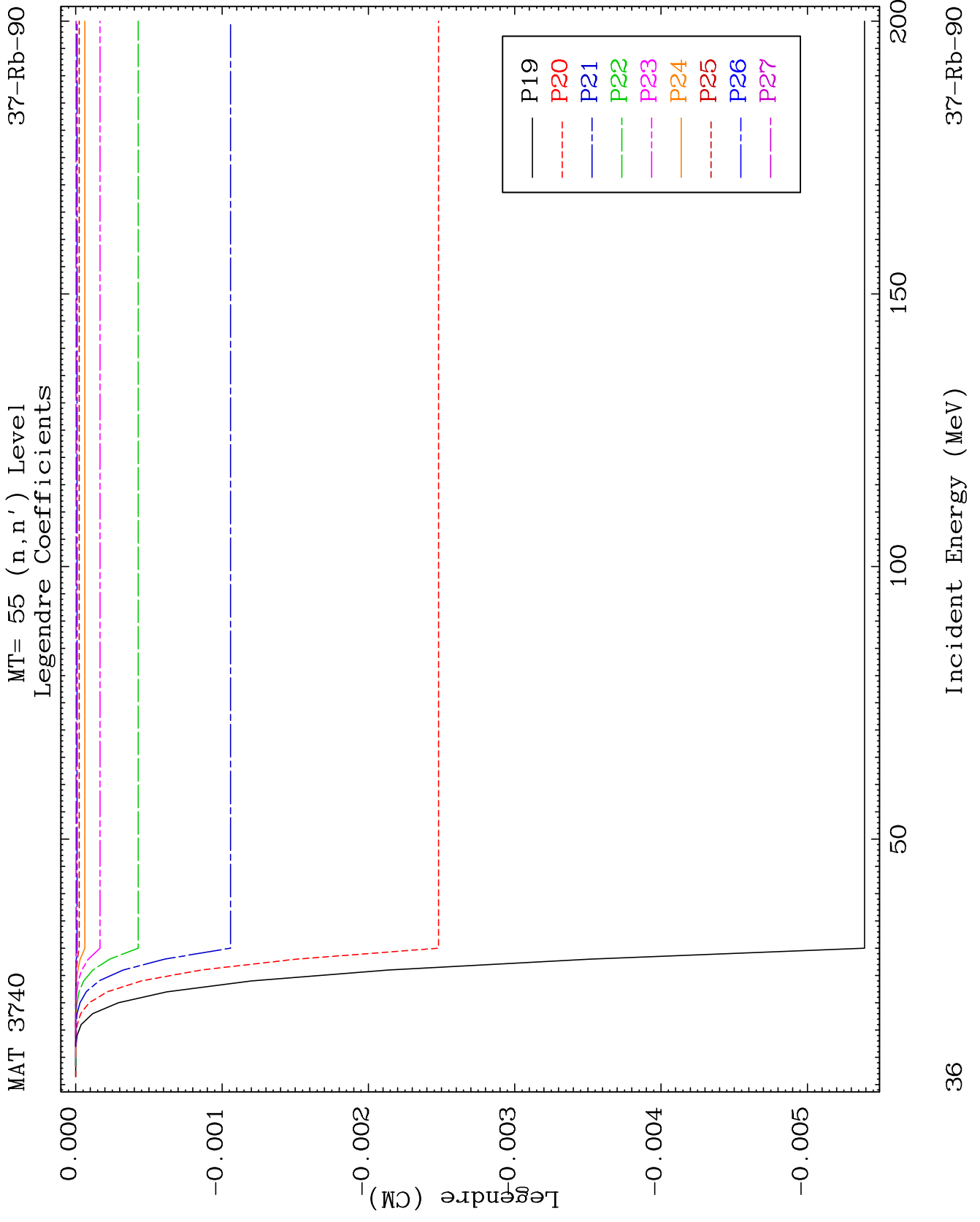
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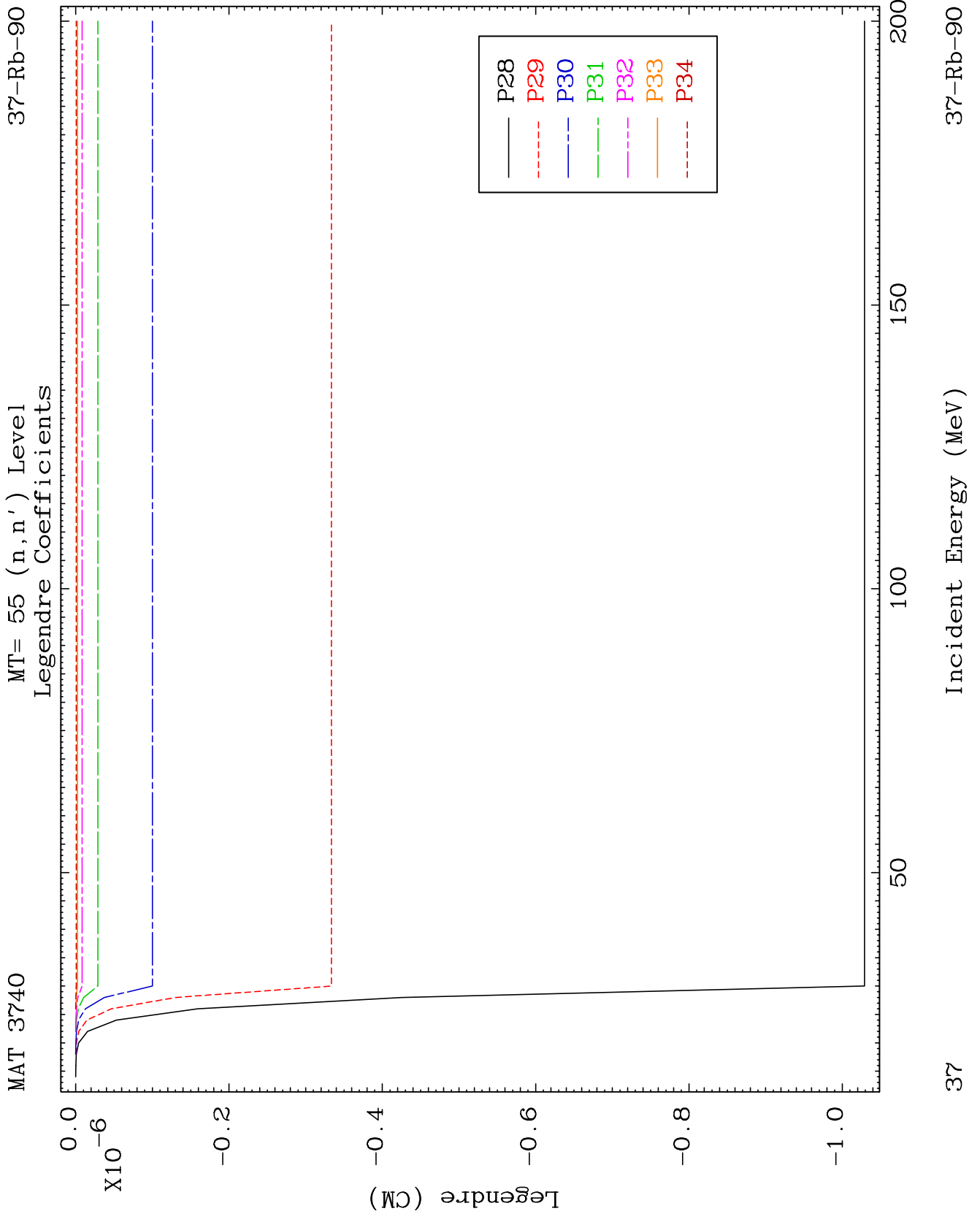


37-Rb-90

Incident Energy (MeV)

35

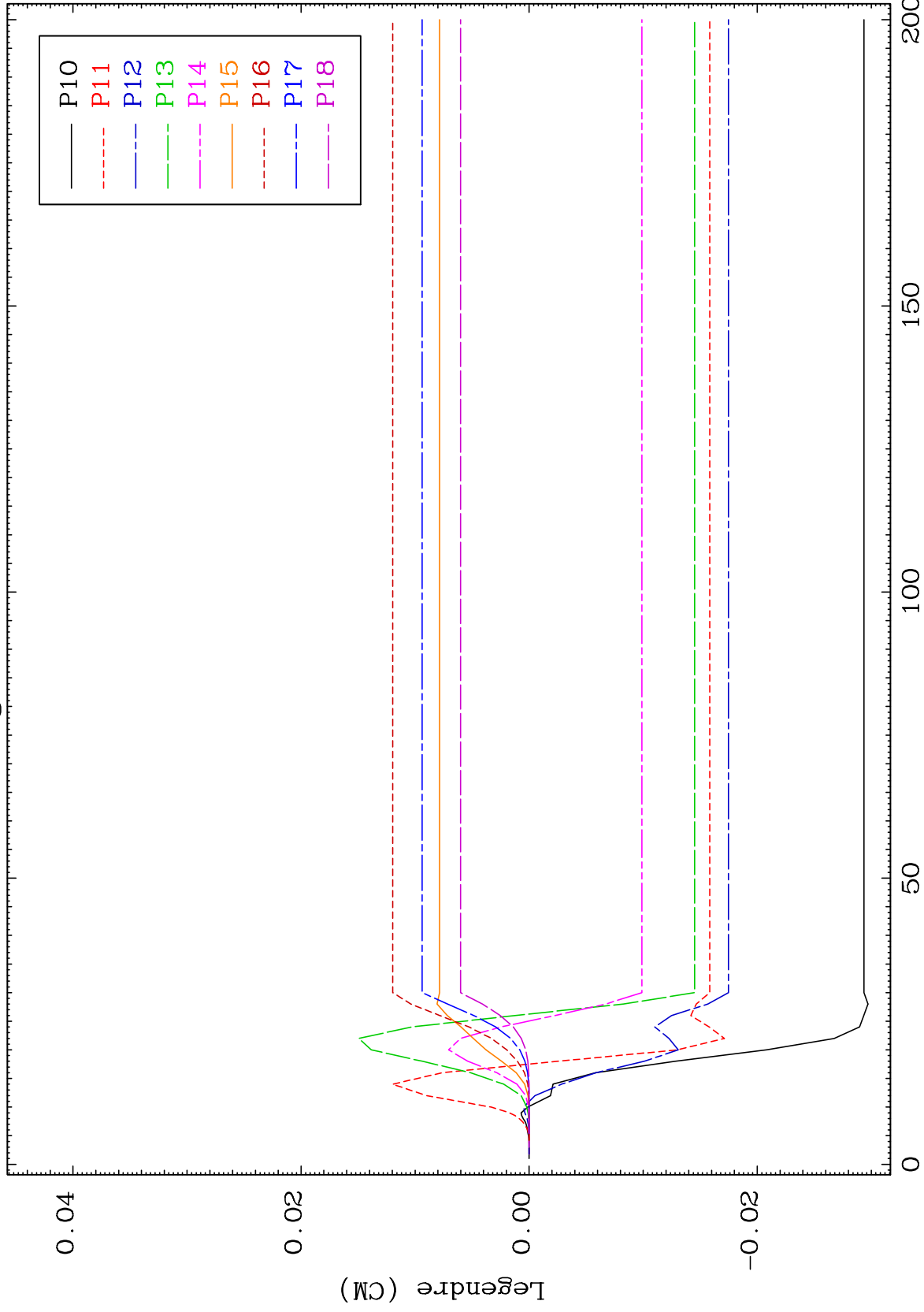




MAT 3740

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

37-Rb-90



39

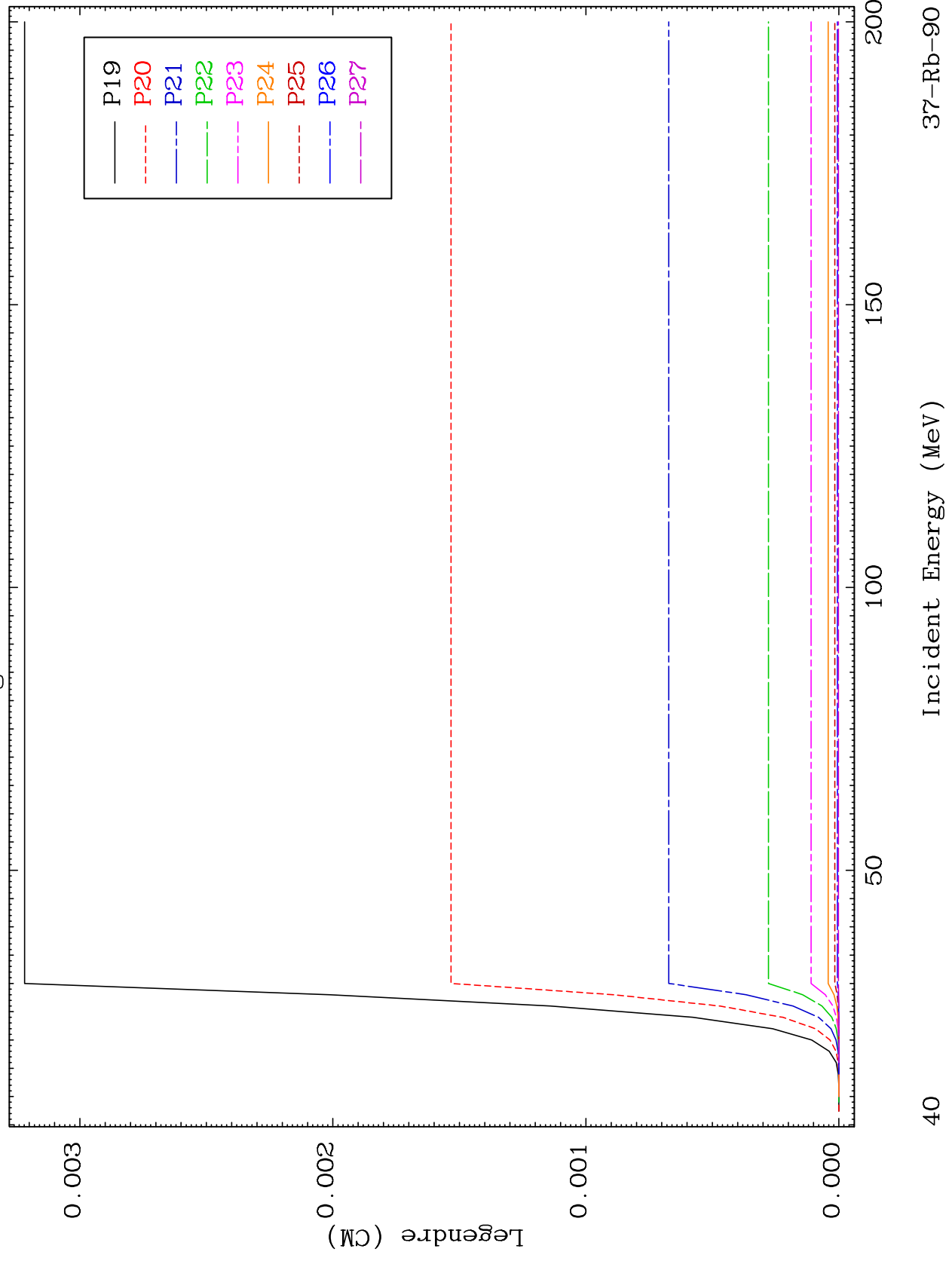
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

37-Rb-90



40

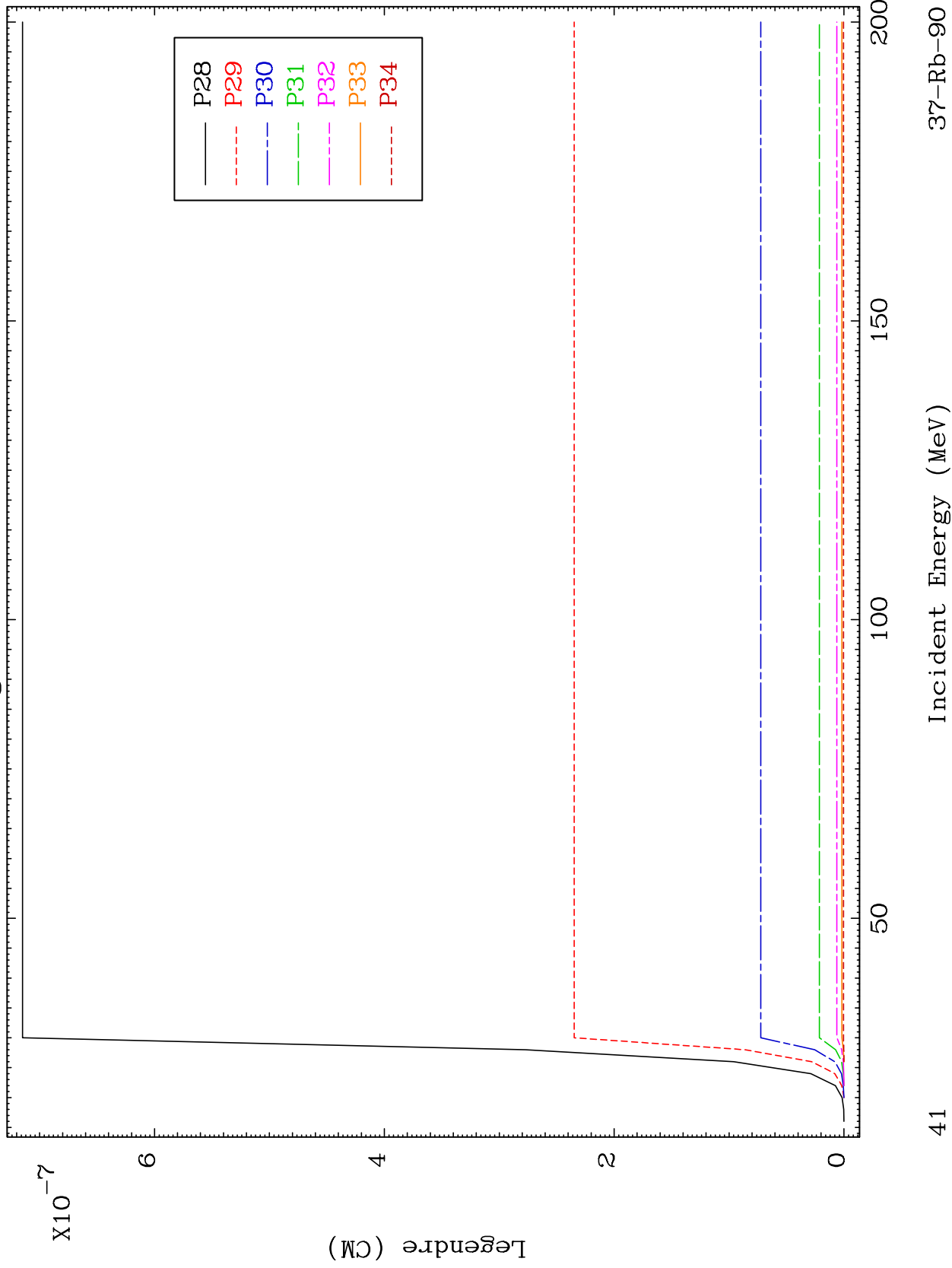
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

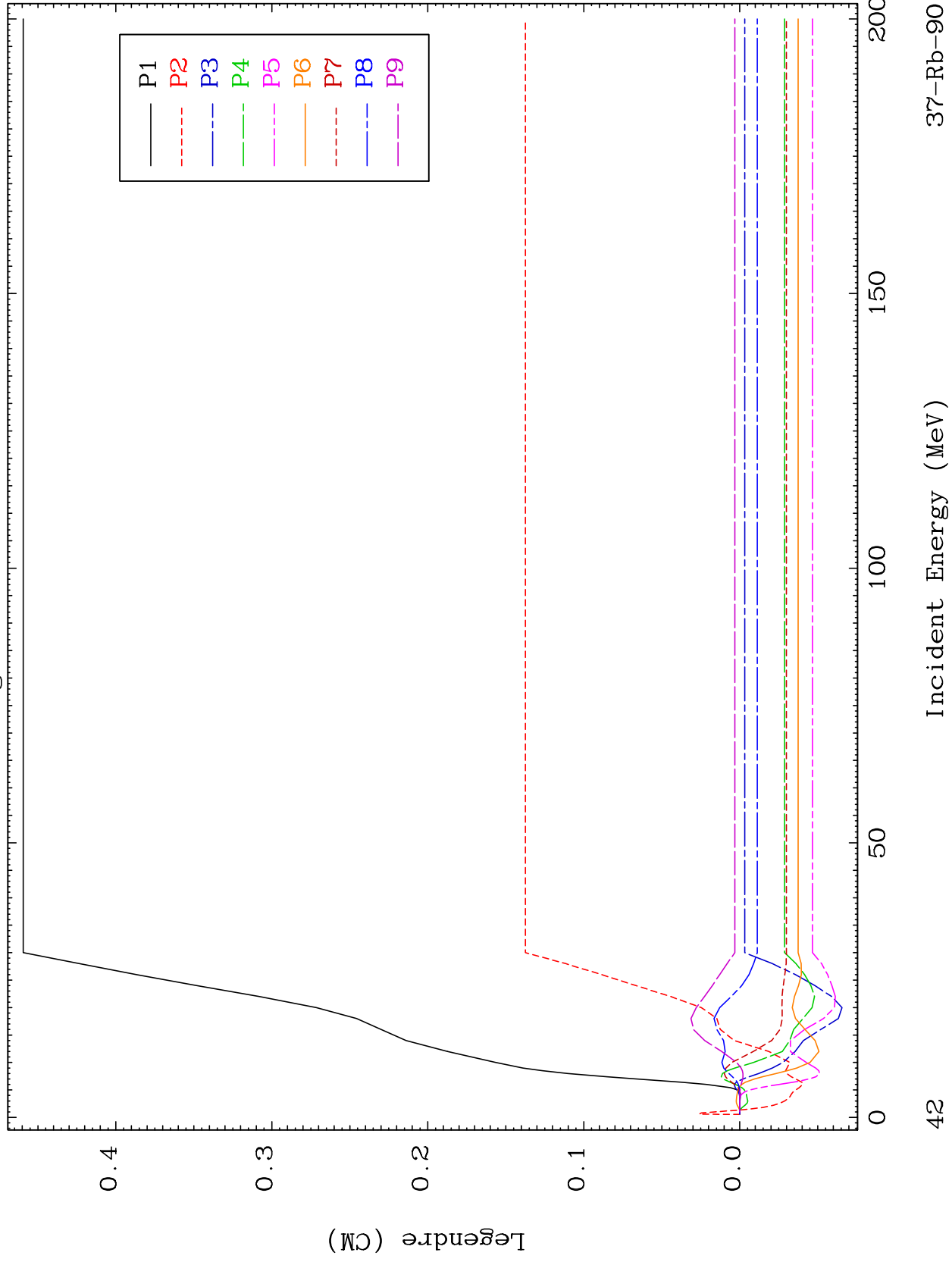
37-Rb-90



MAT 3740

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

37-Rb-90



37-Rb-90

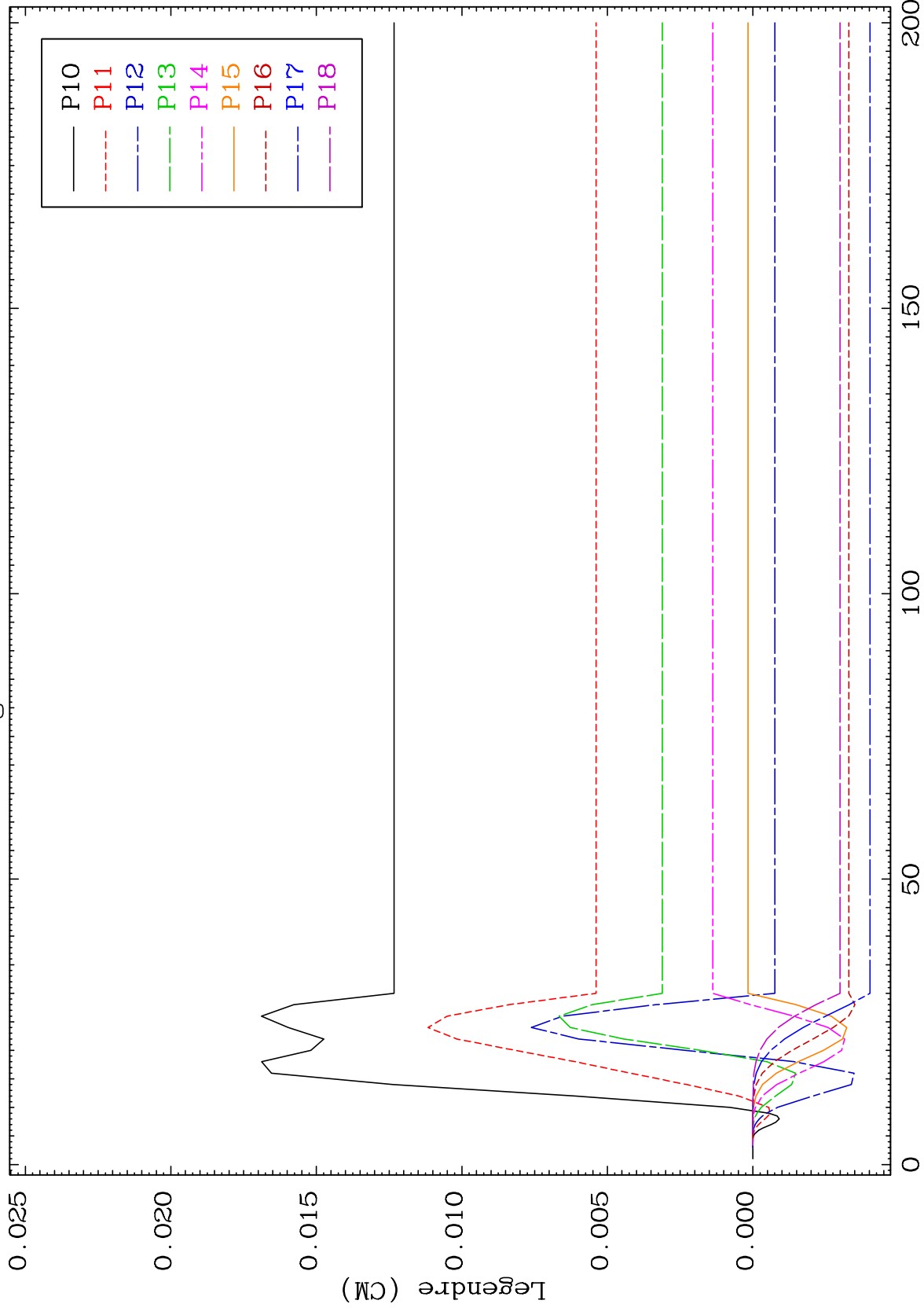
Incident Energy (MeV)

42

MAT 3740

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

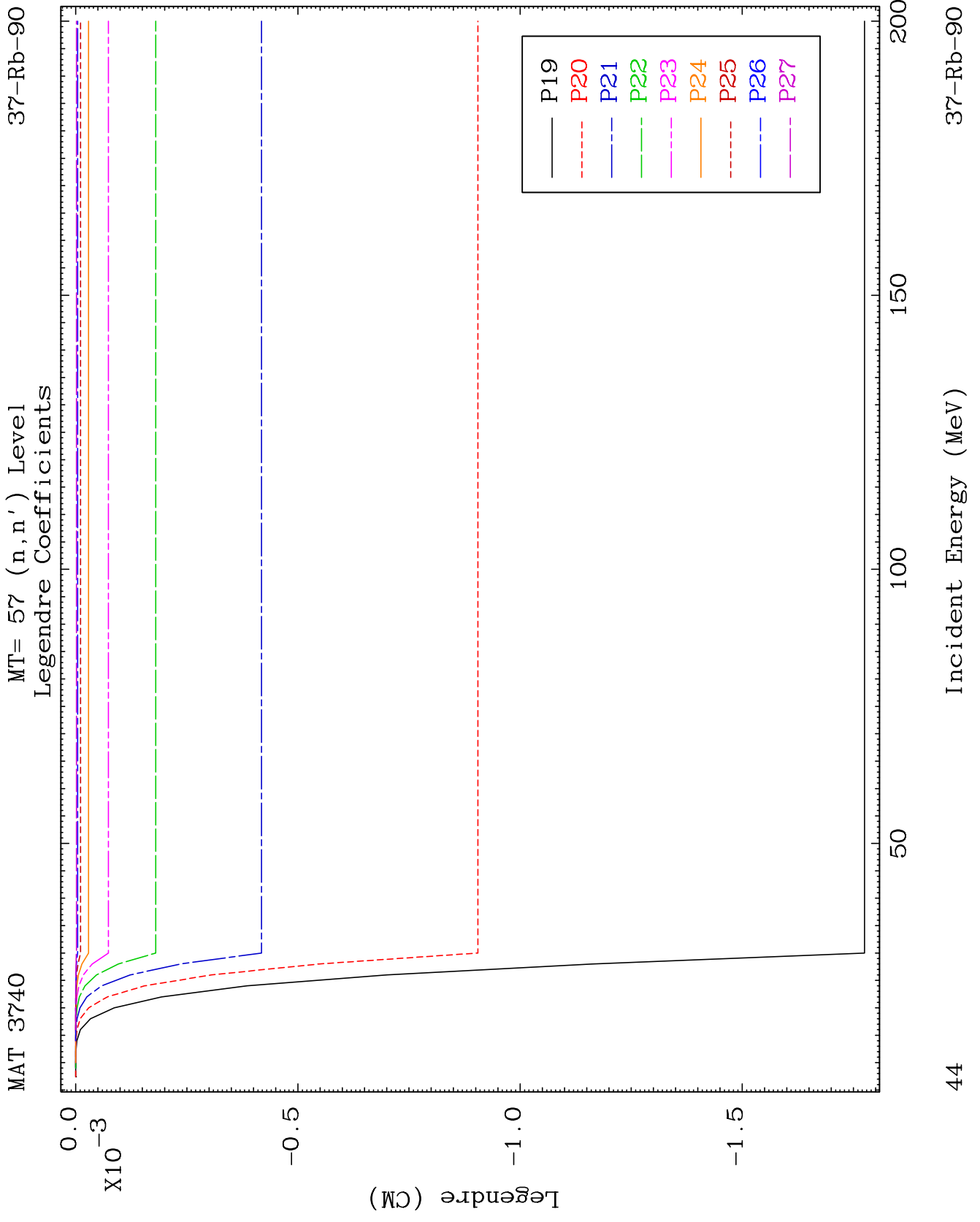
37-Rb-90

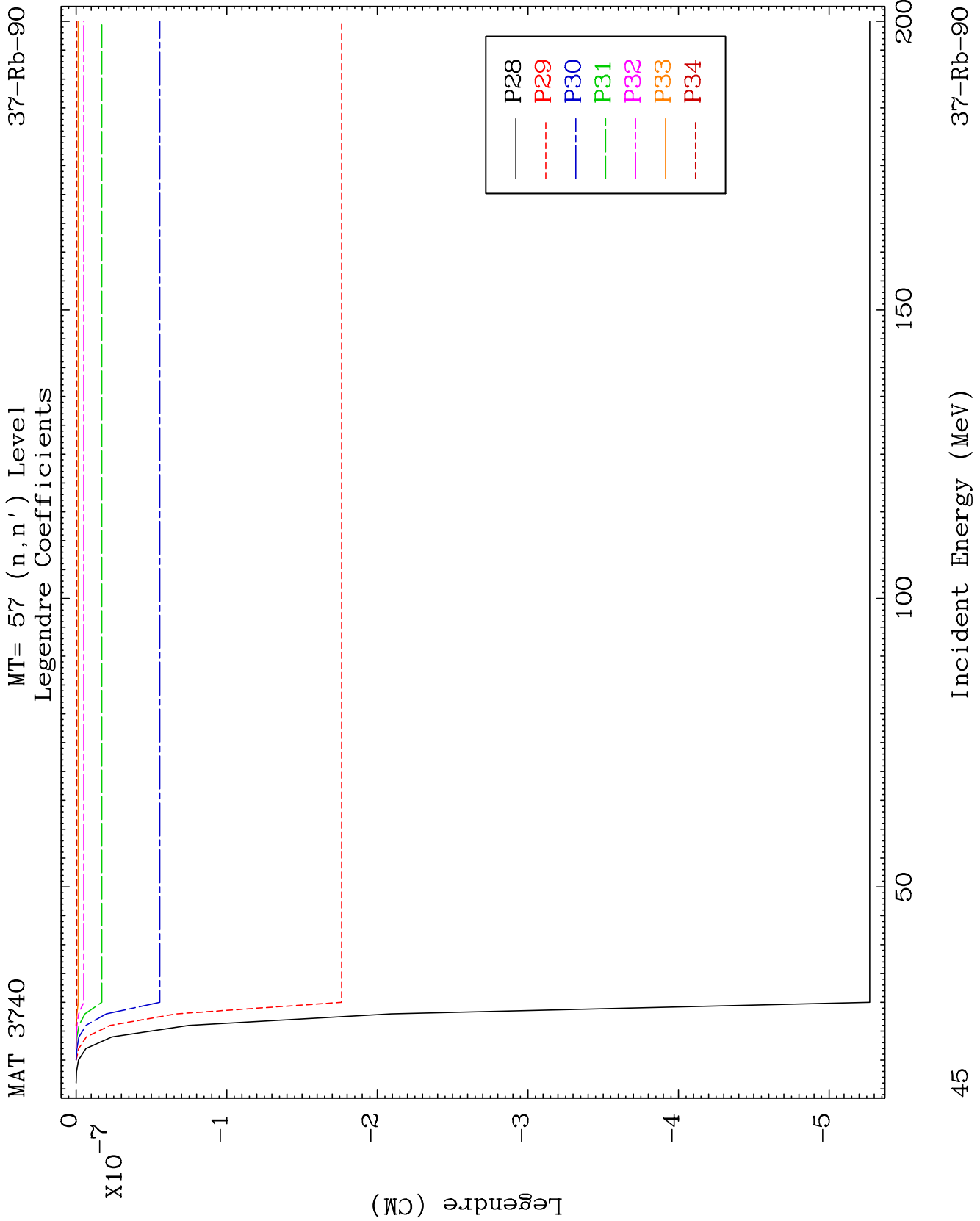


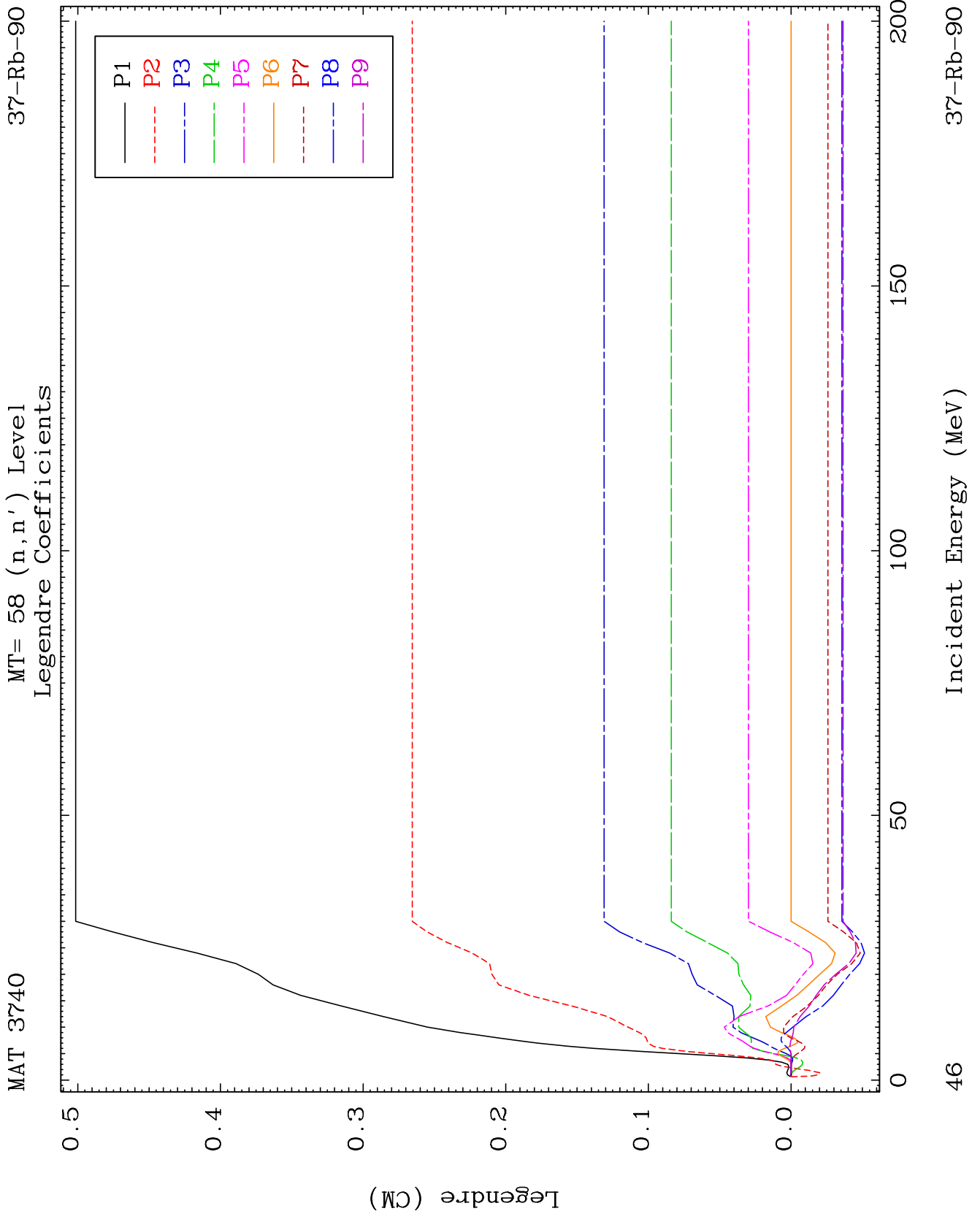
43

Incident Energy (MeV)

37-Rb-90



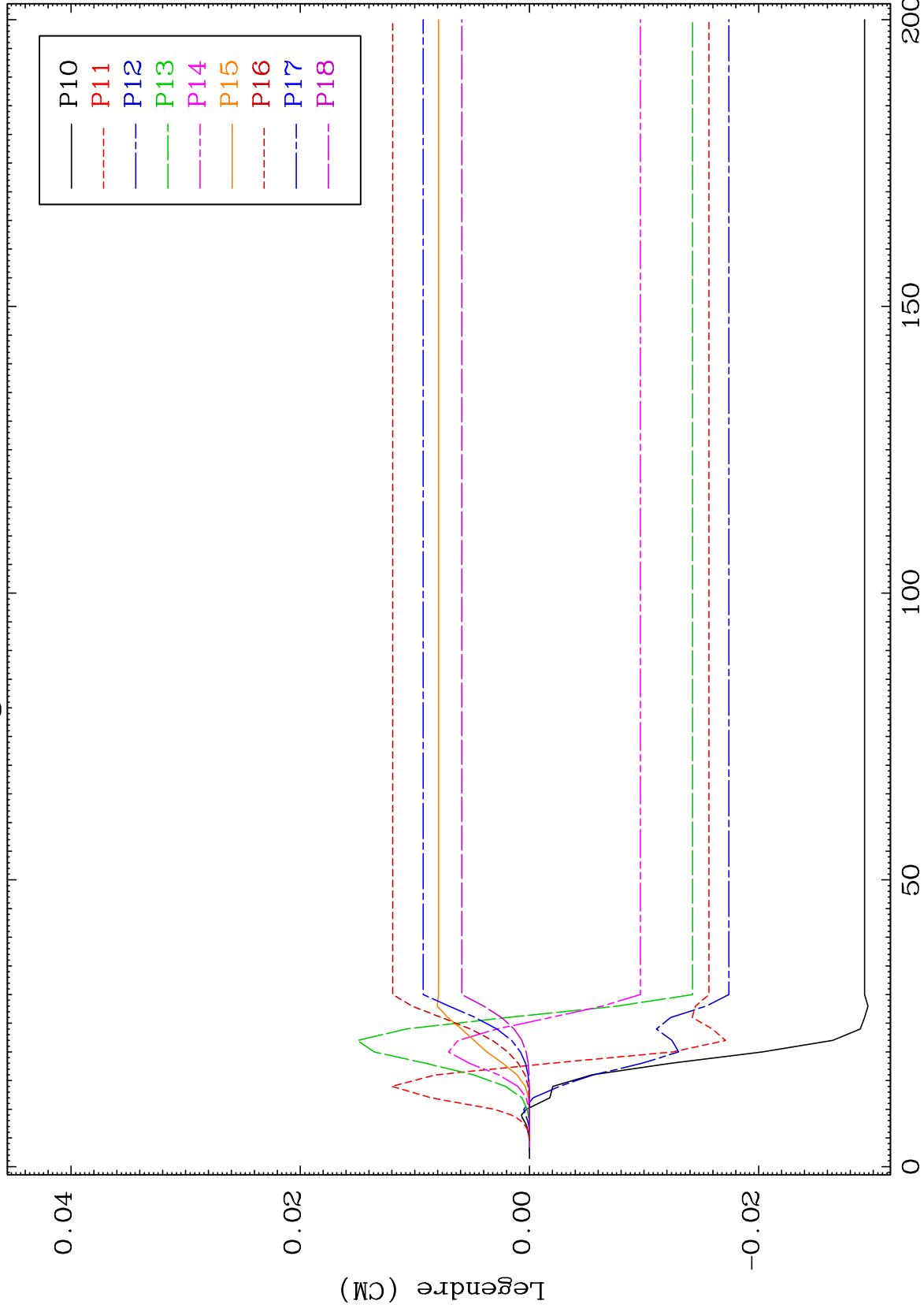




MAT 3740

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

37-Rb-90



47

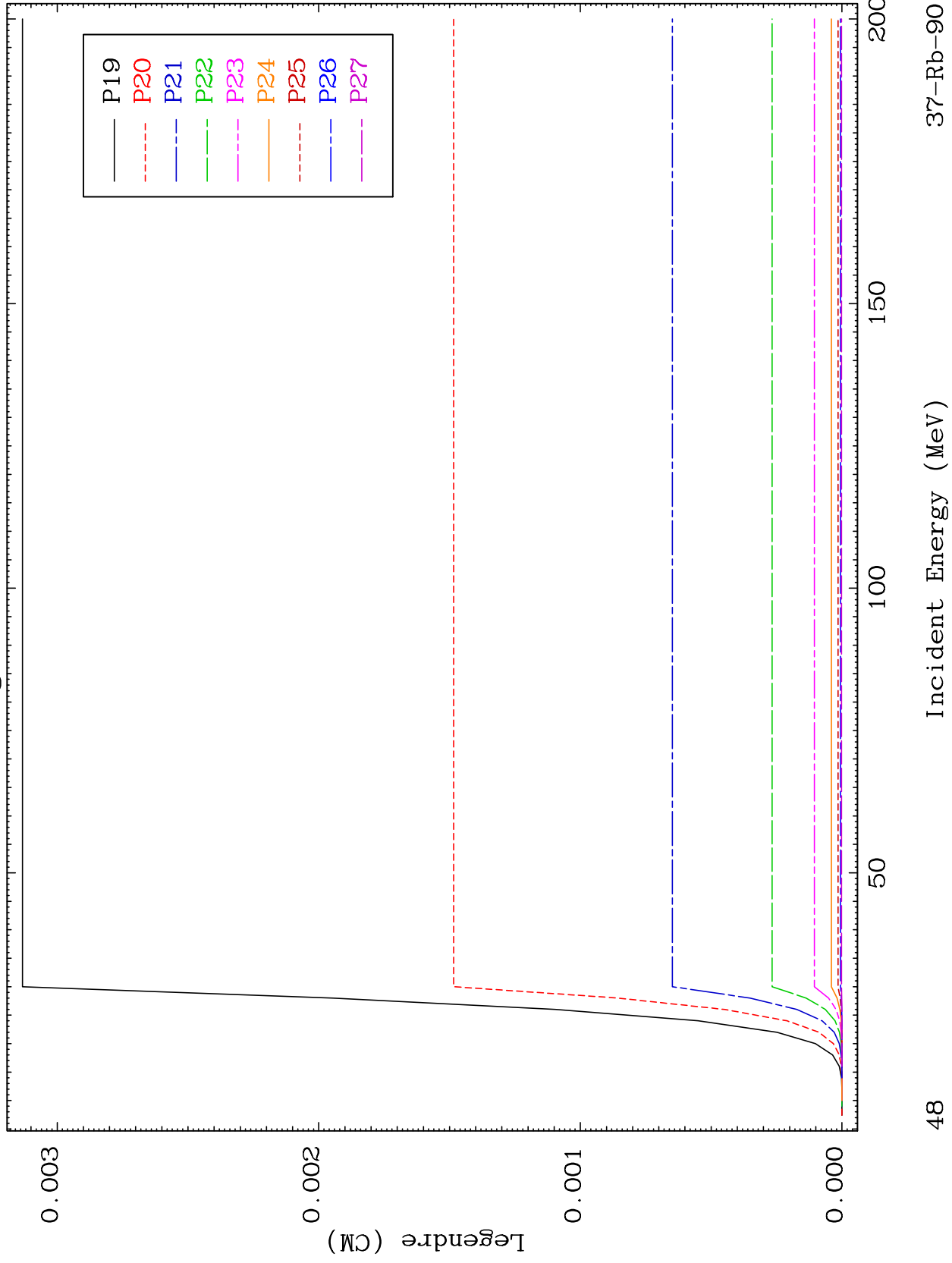
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

37-Rb-90



48

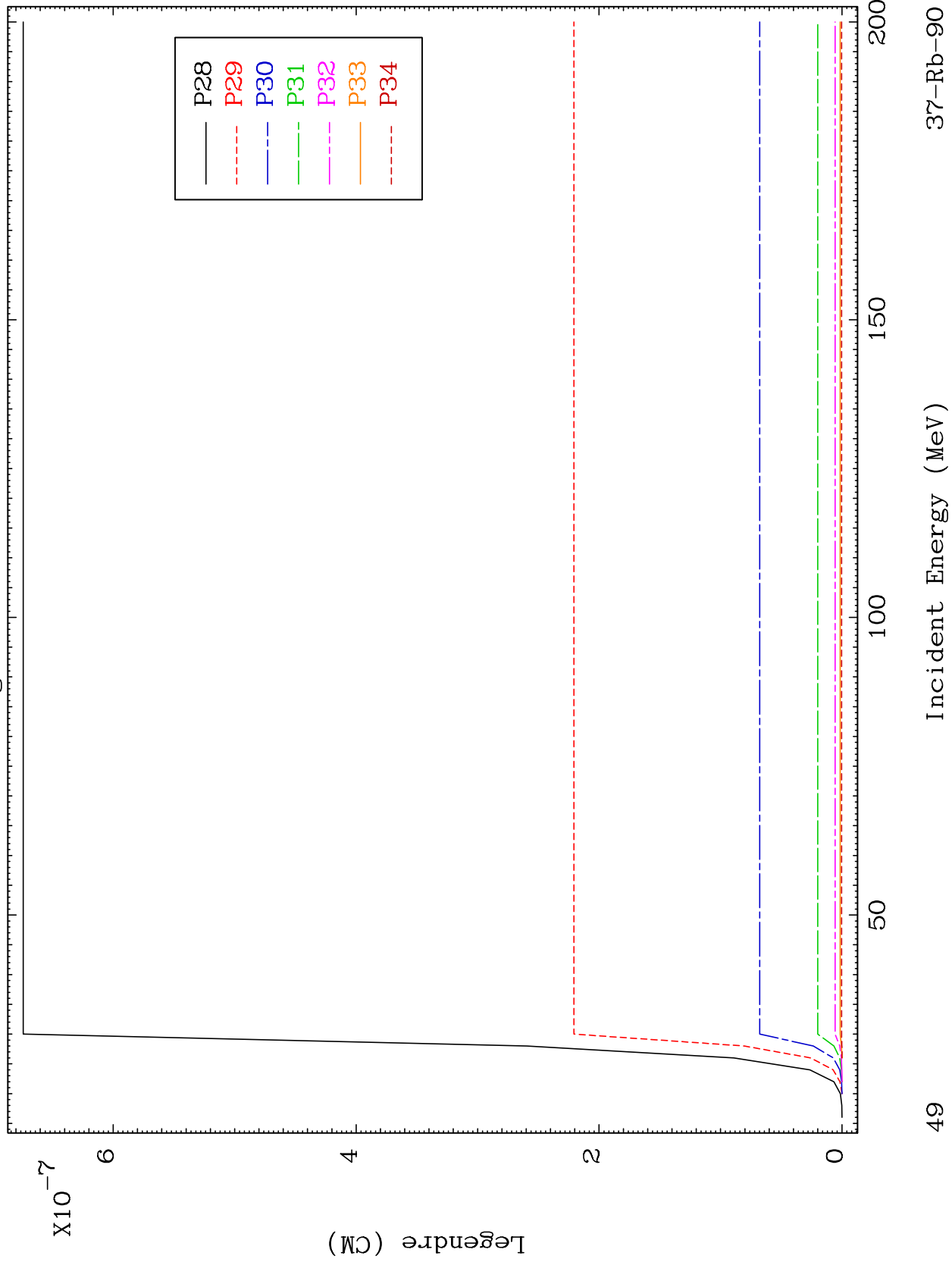
Incident Energy (MeV)

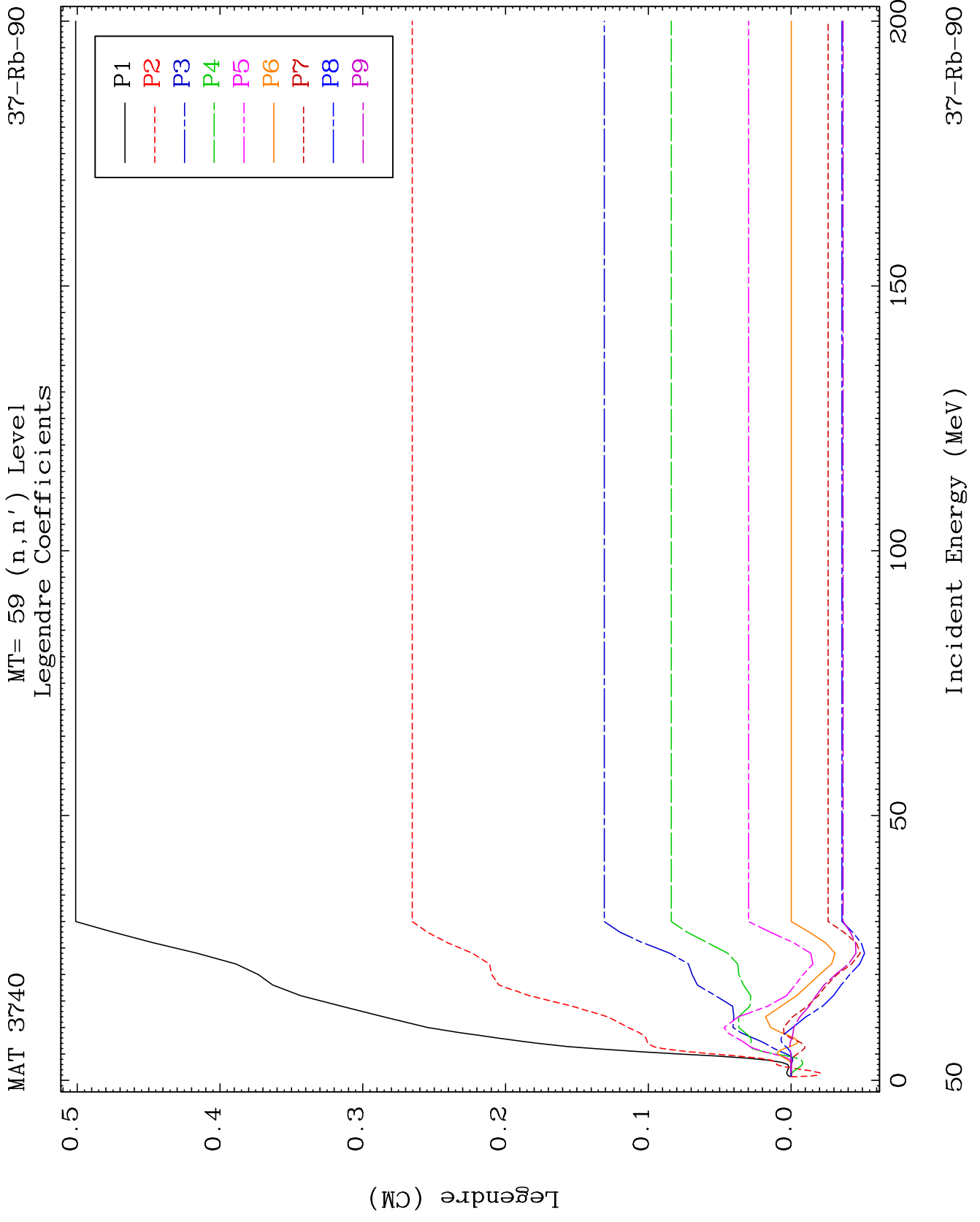
37-Rb-90

MAT 3740

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

37-Rb-90

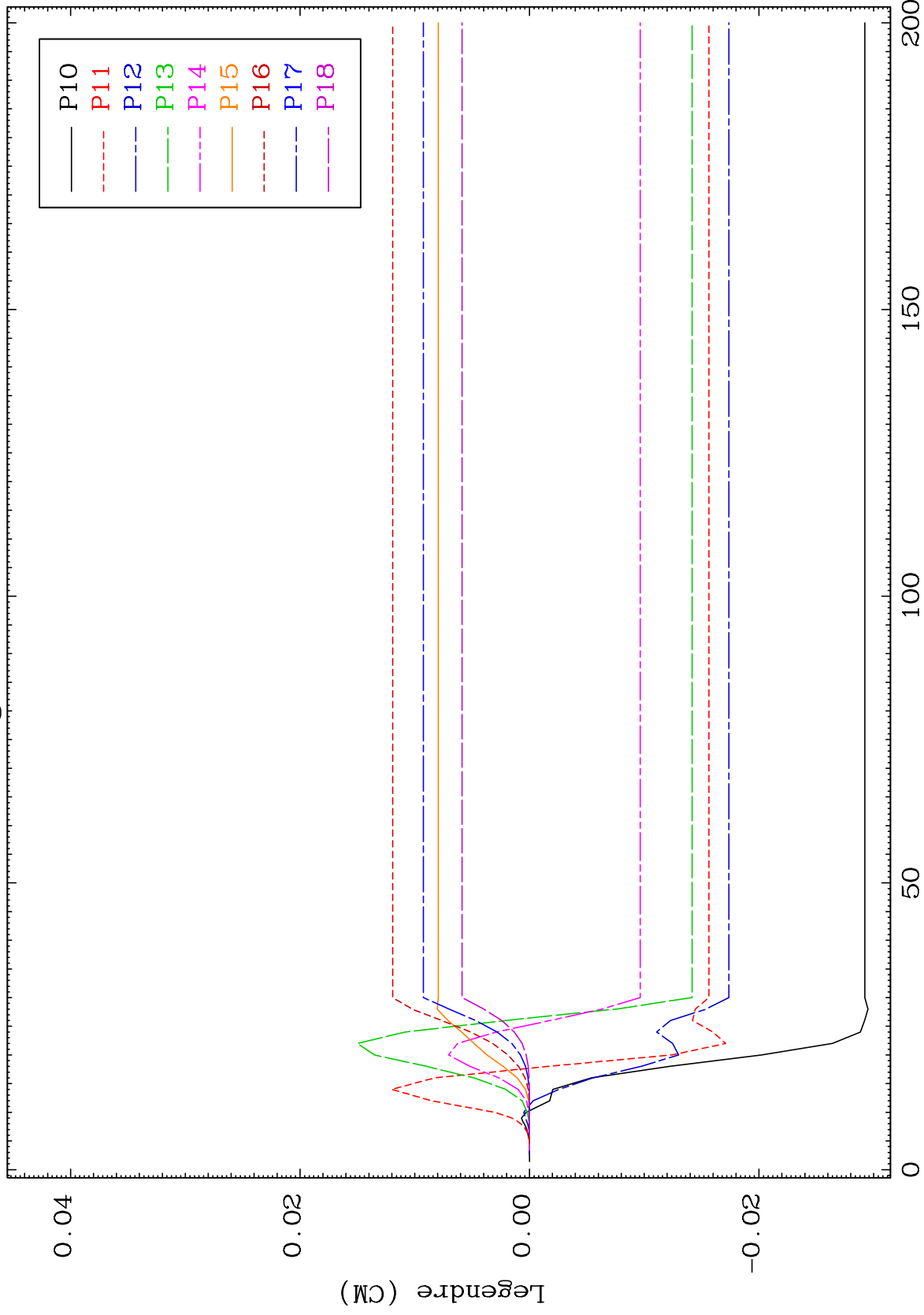




MAT 3740

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

37-Rb-90



51

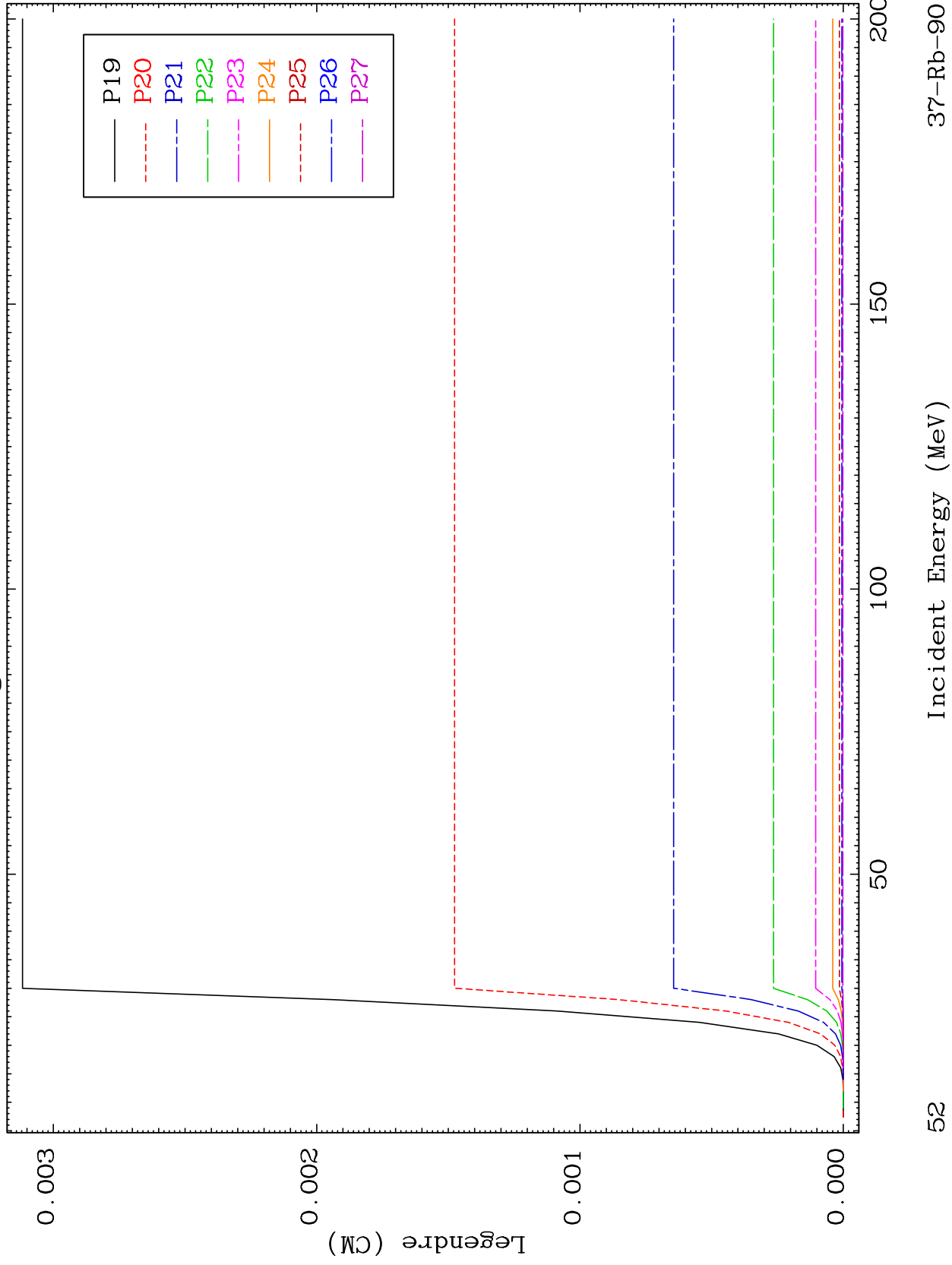
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

37-Rb-90



52

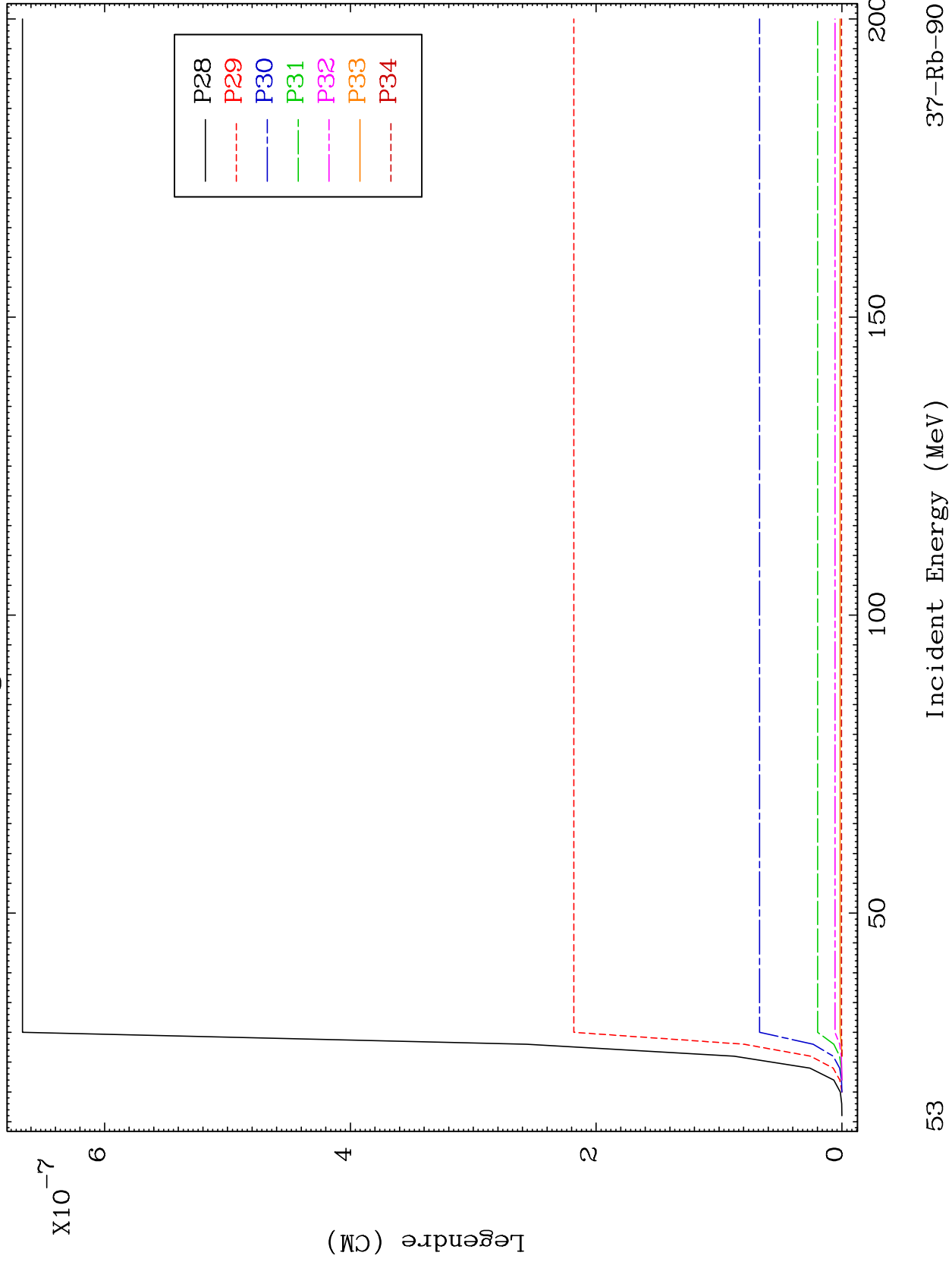
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

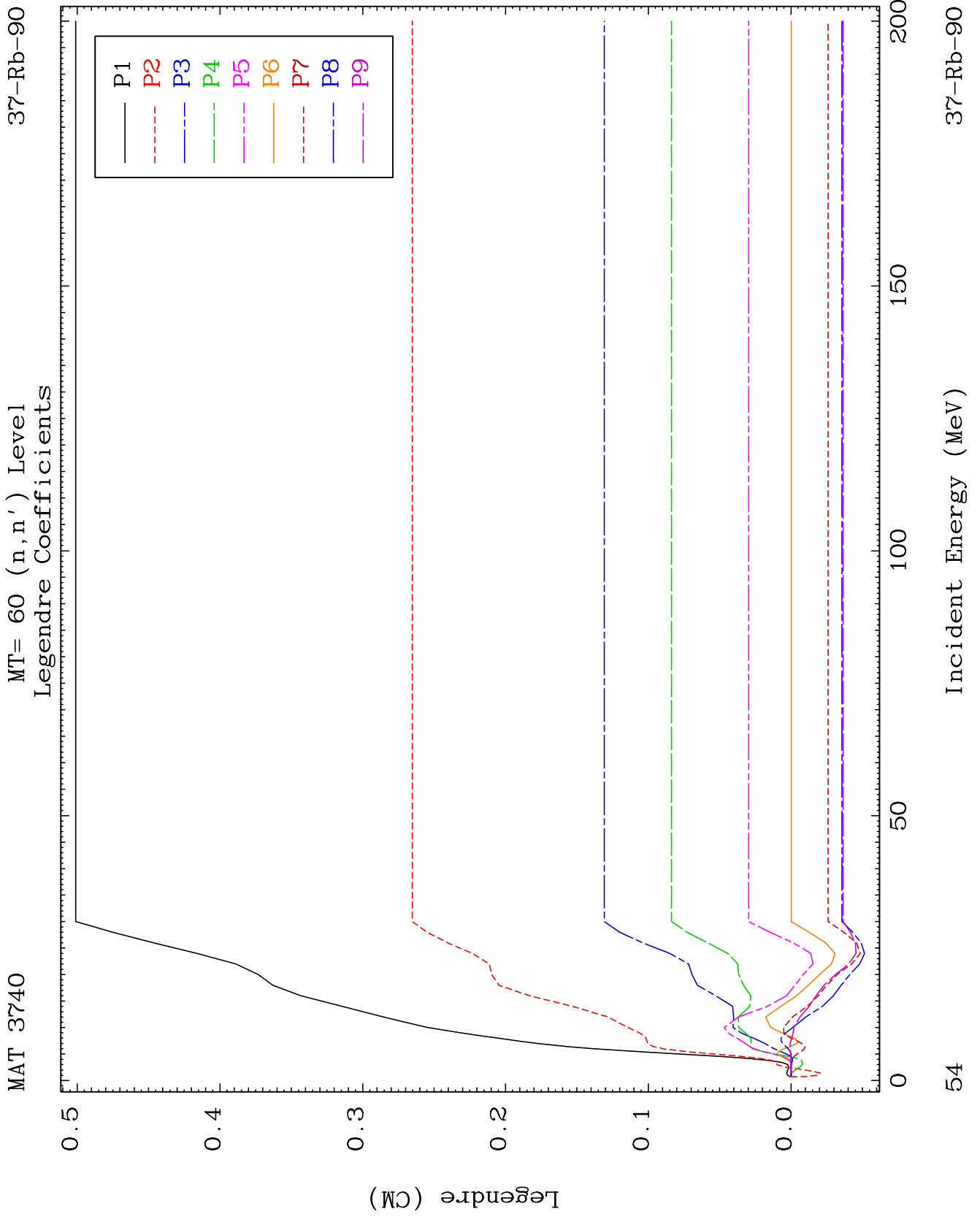
37-Rb-90



53

Incident Energy (MeV)

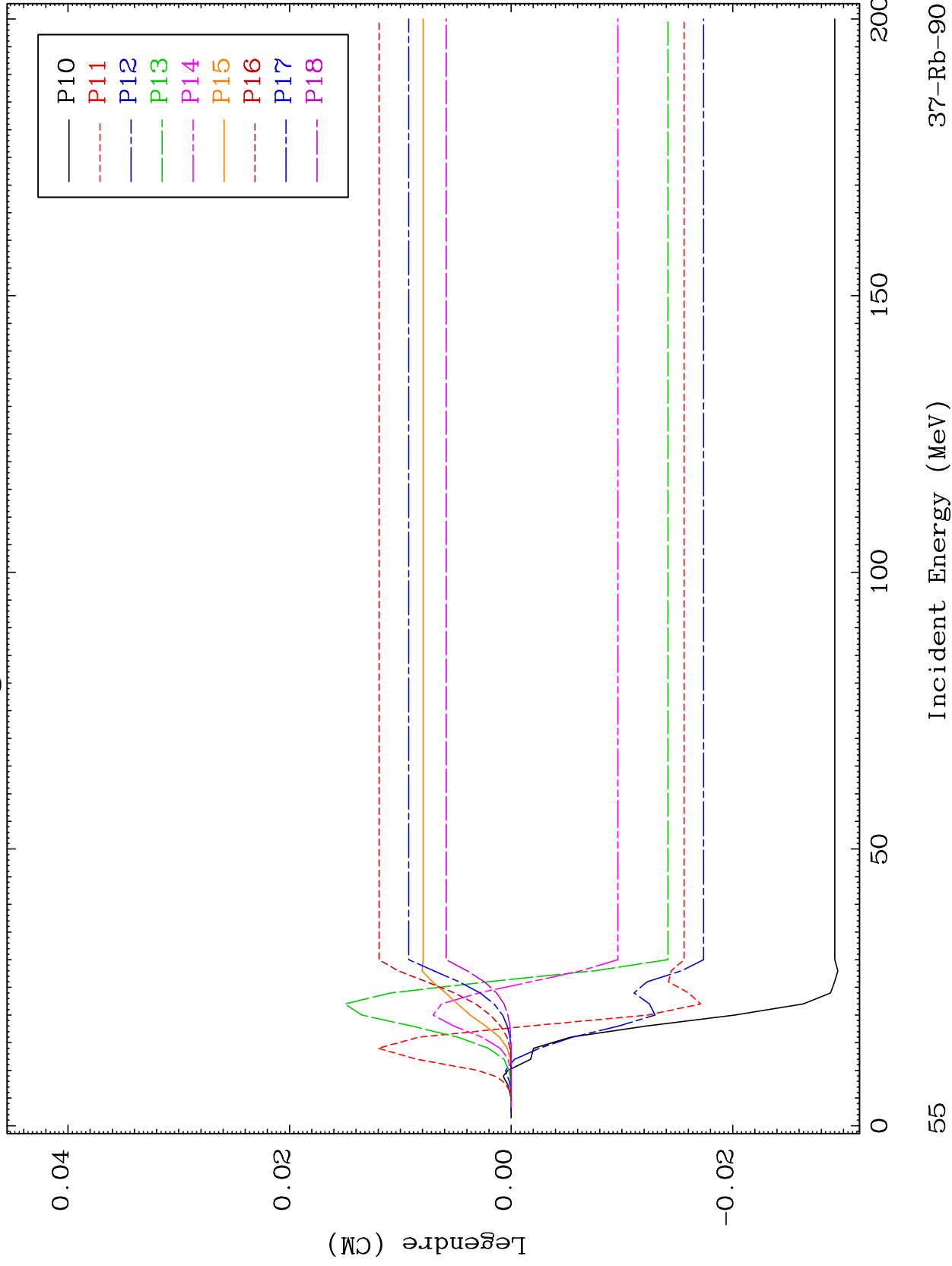
37-Rb-90



MAT 3740

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

37-Rb-90



37-Rb-90

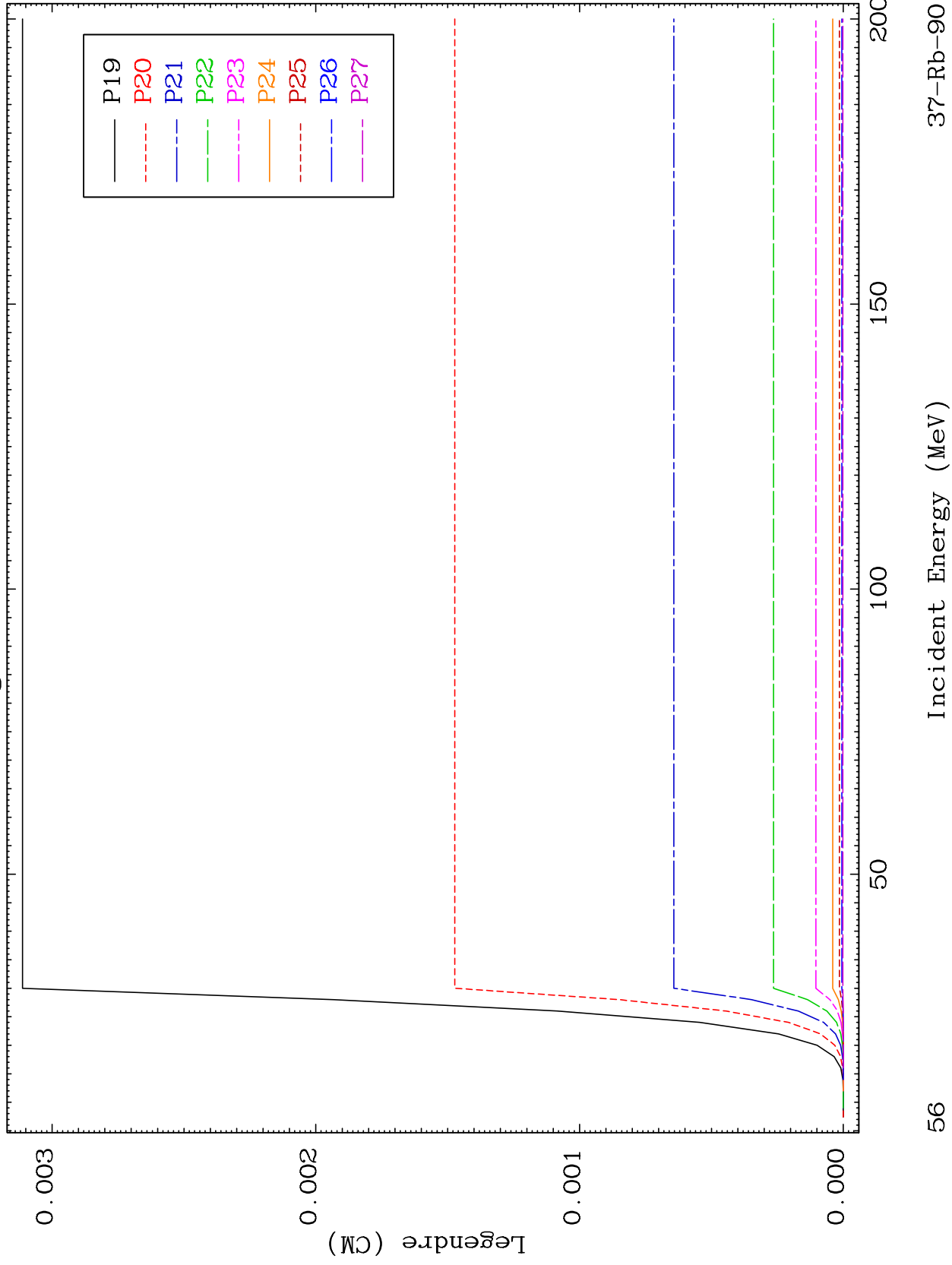
Incident Energy (MeV)

55

MAT 3740

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

37-Rb-90



56

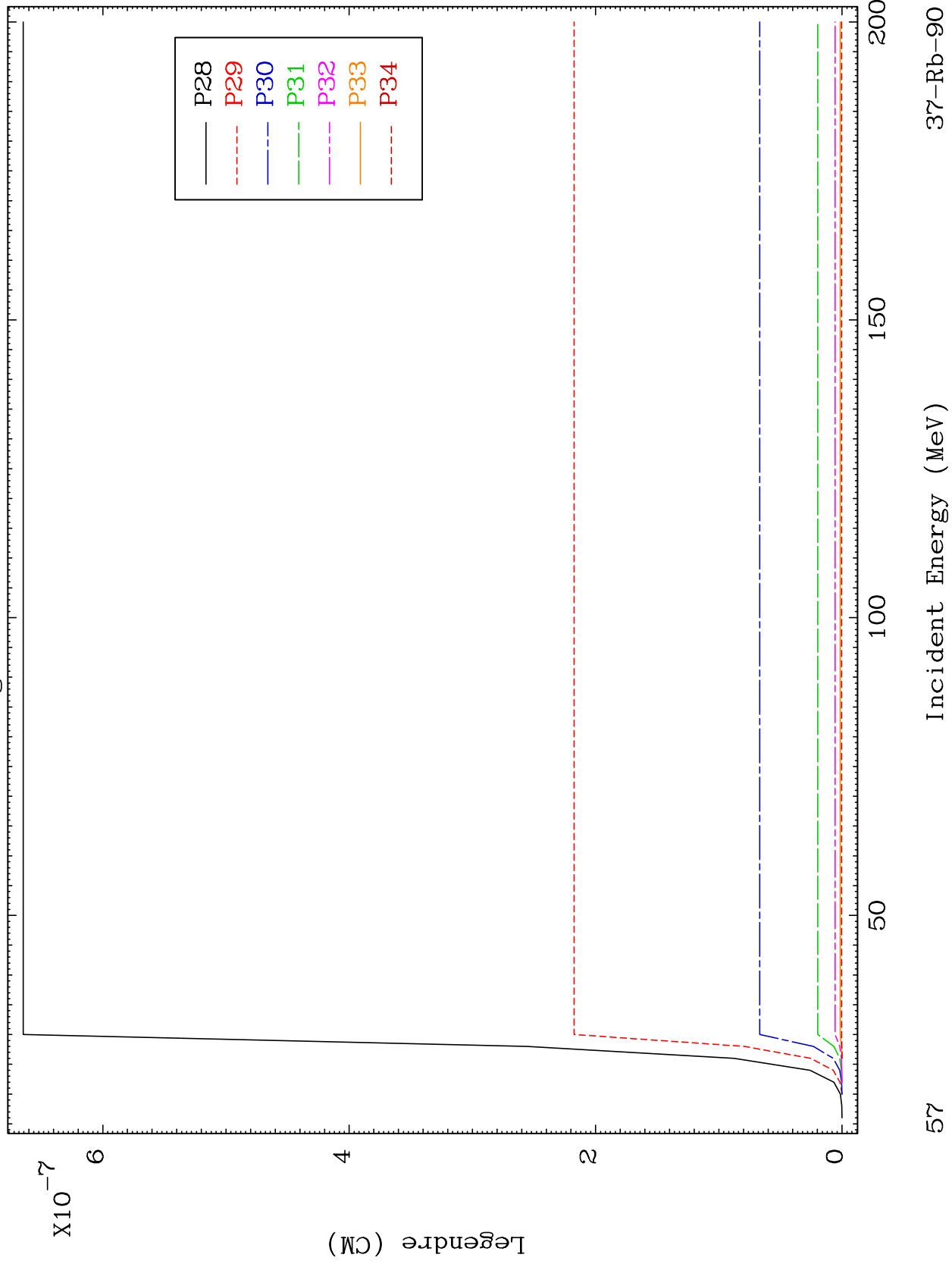
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

37-Rb-90



57

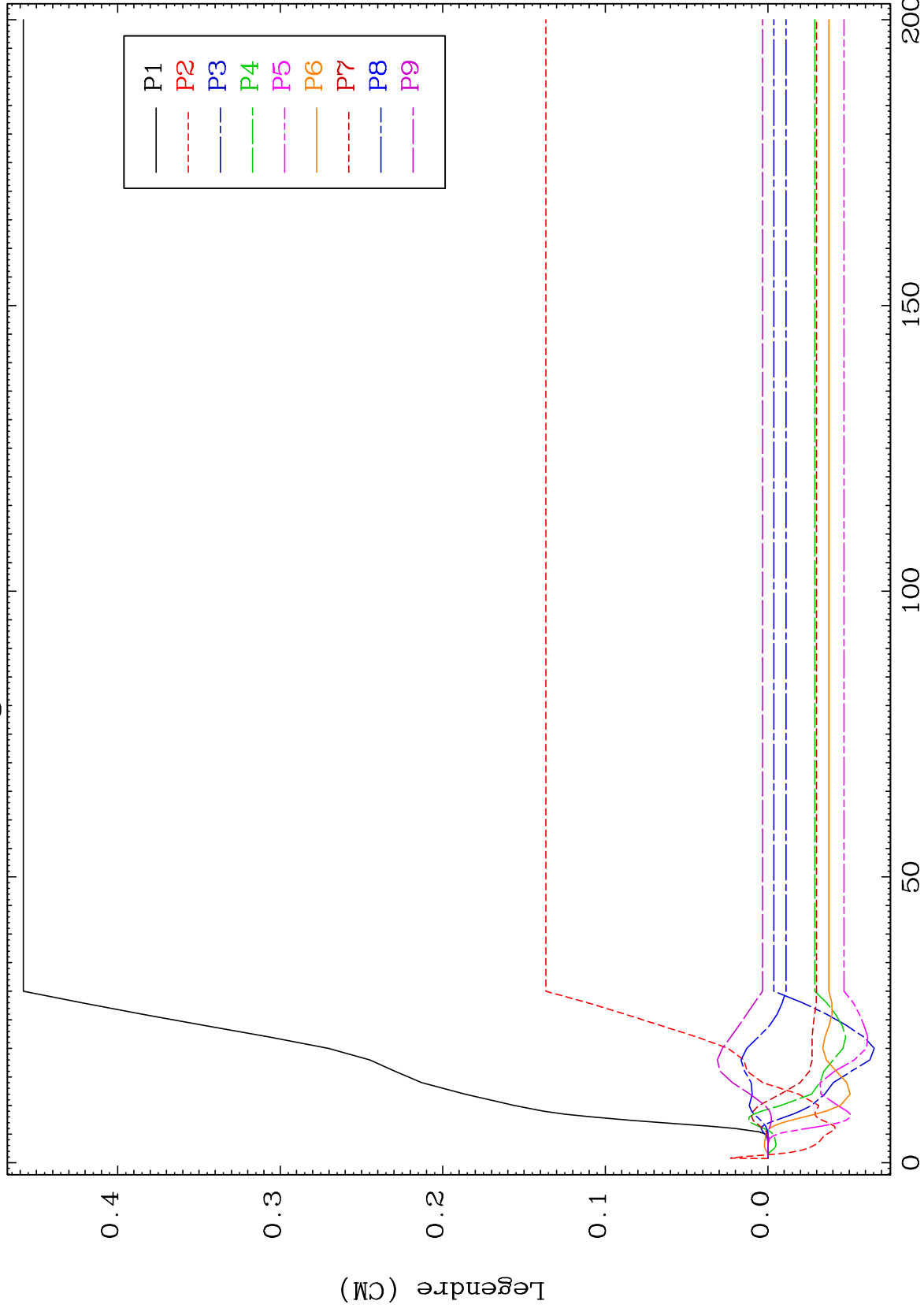
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

37-Rb-90



58

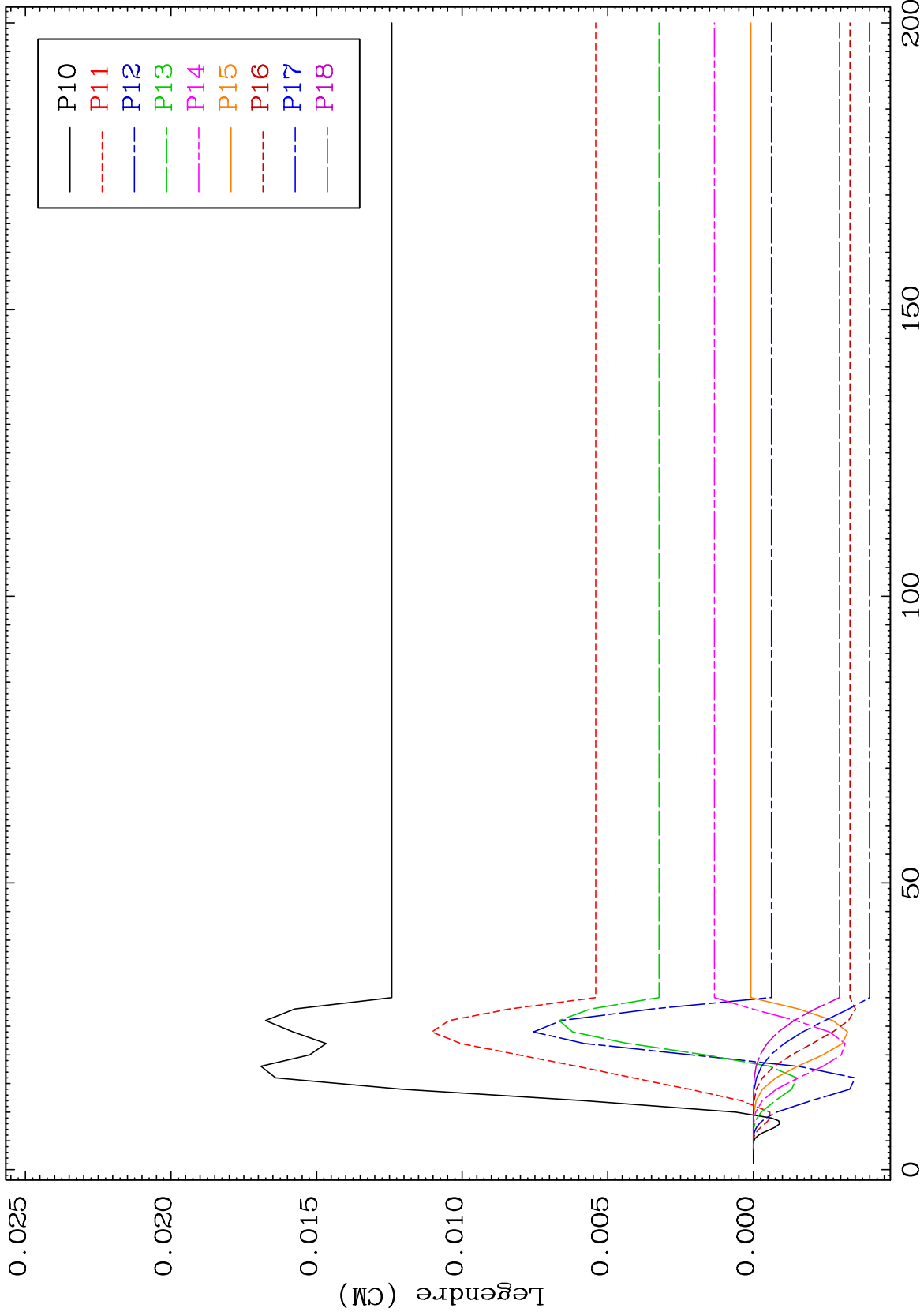
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

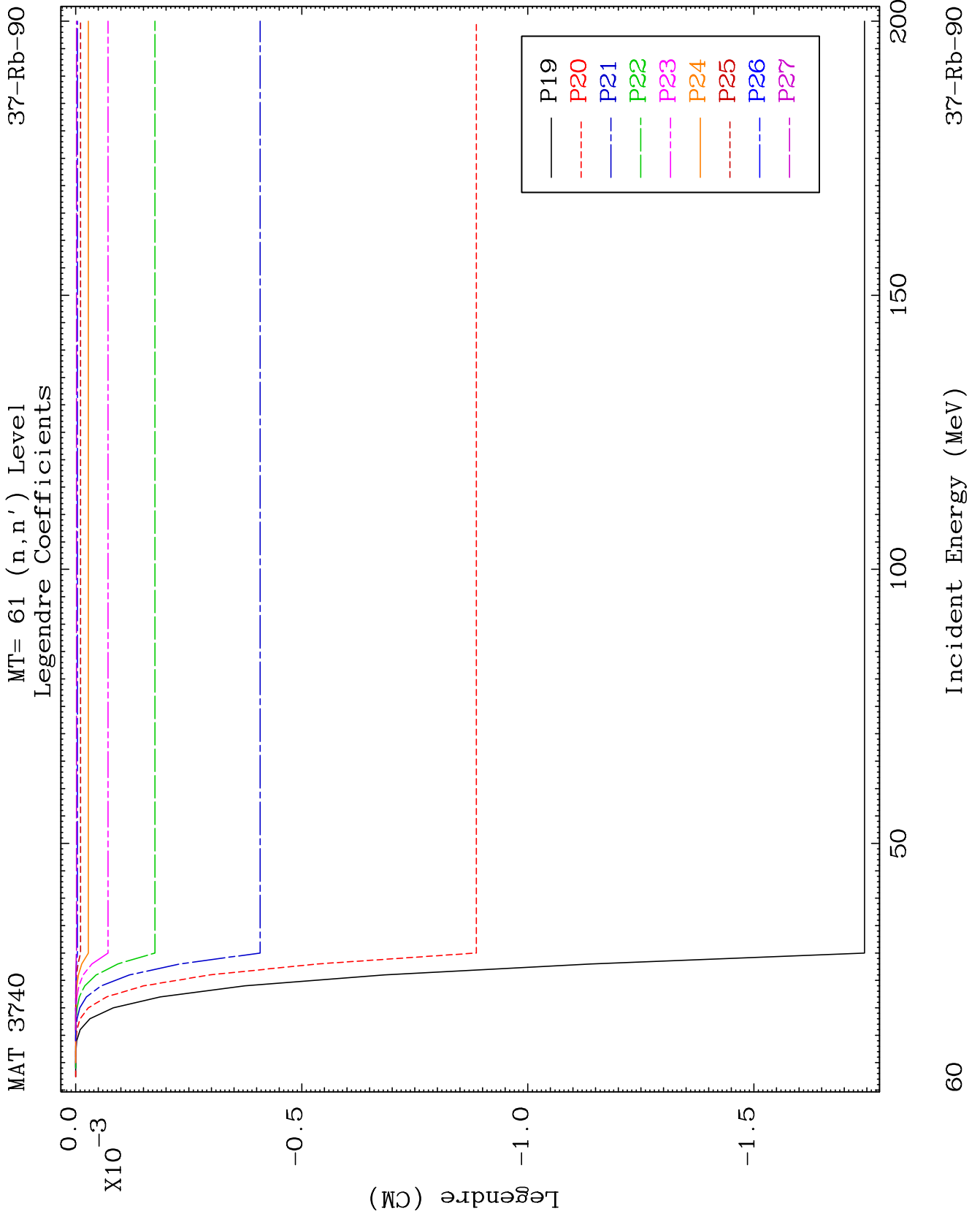
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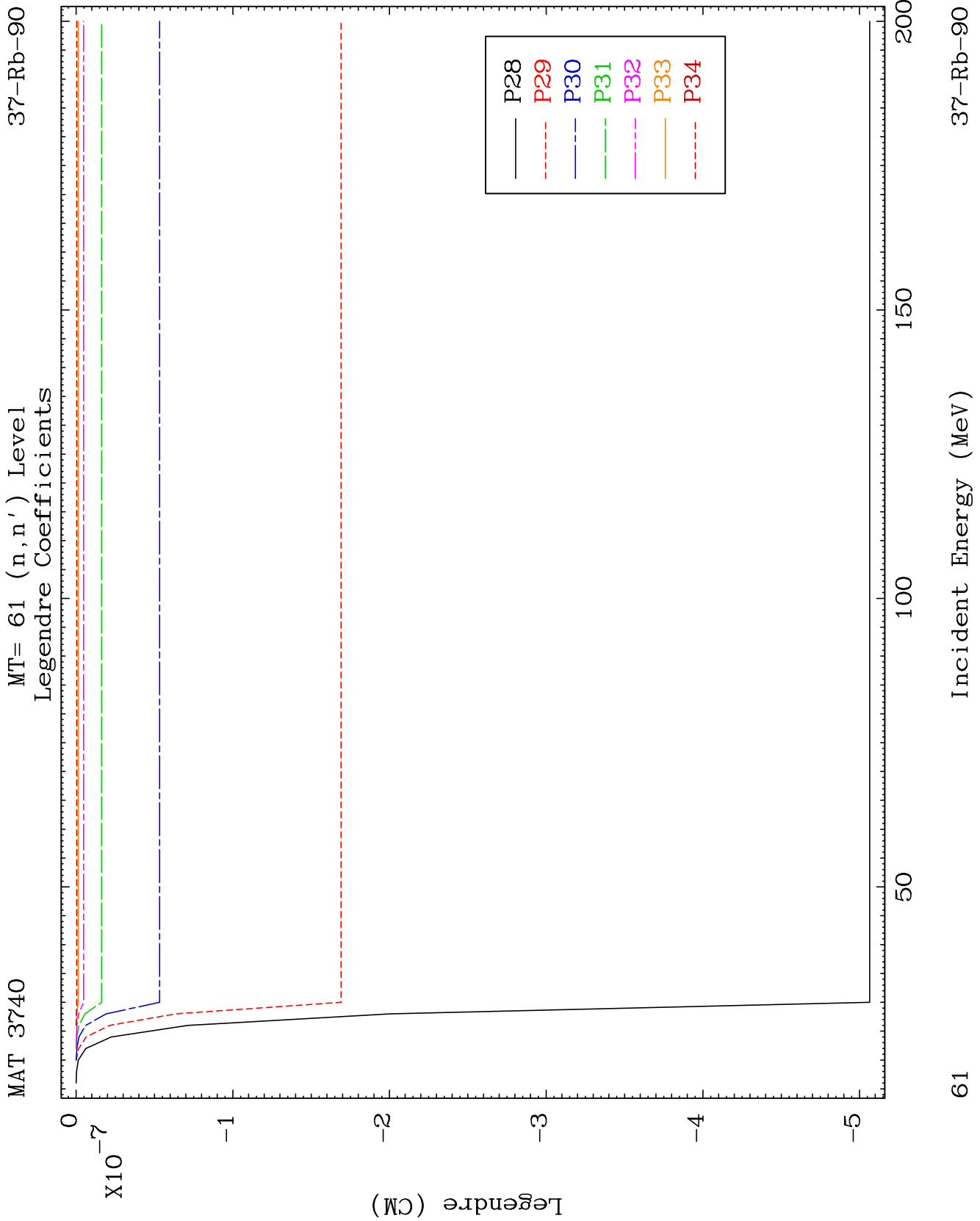


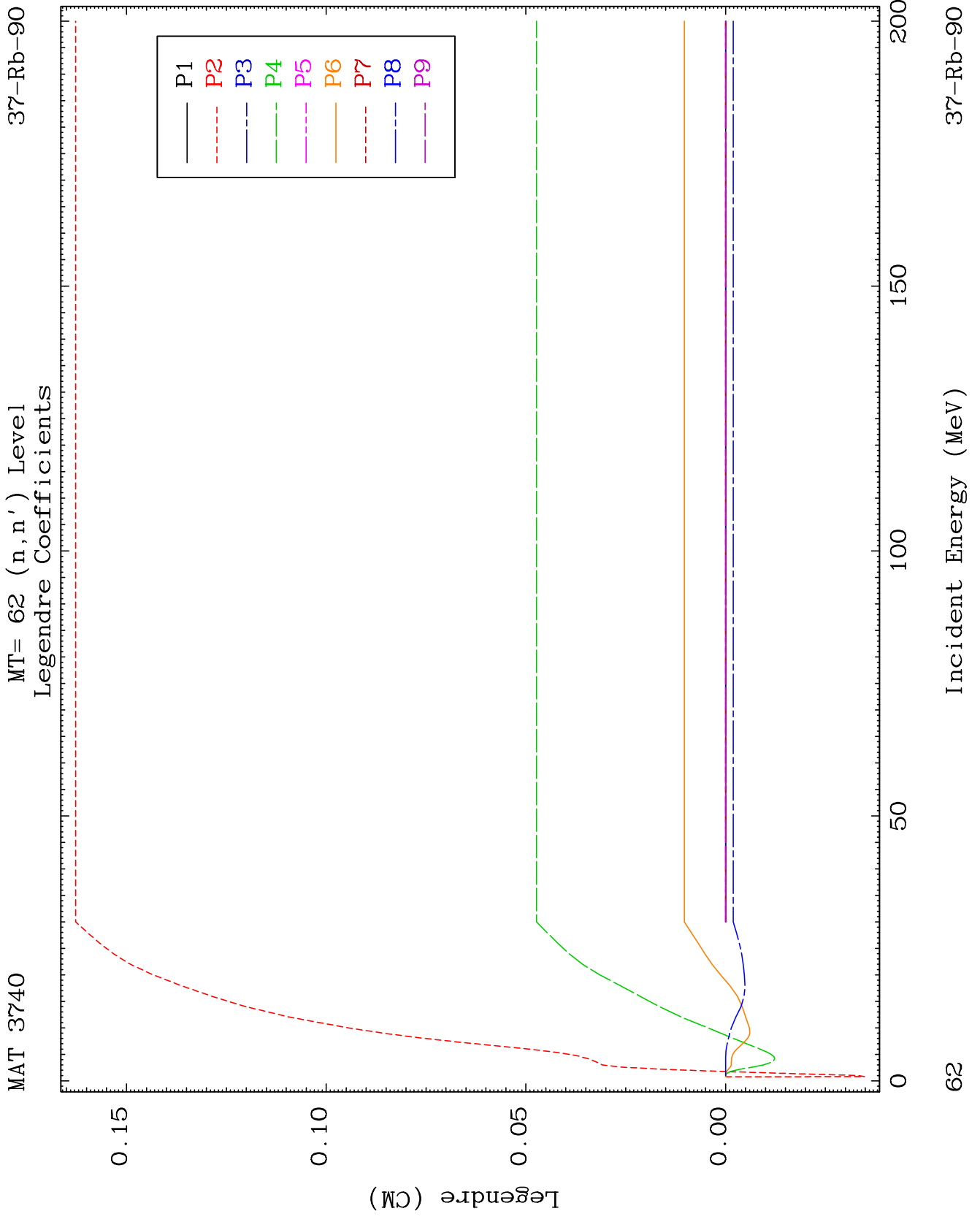
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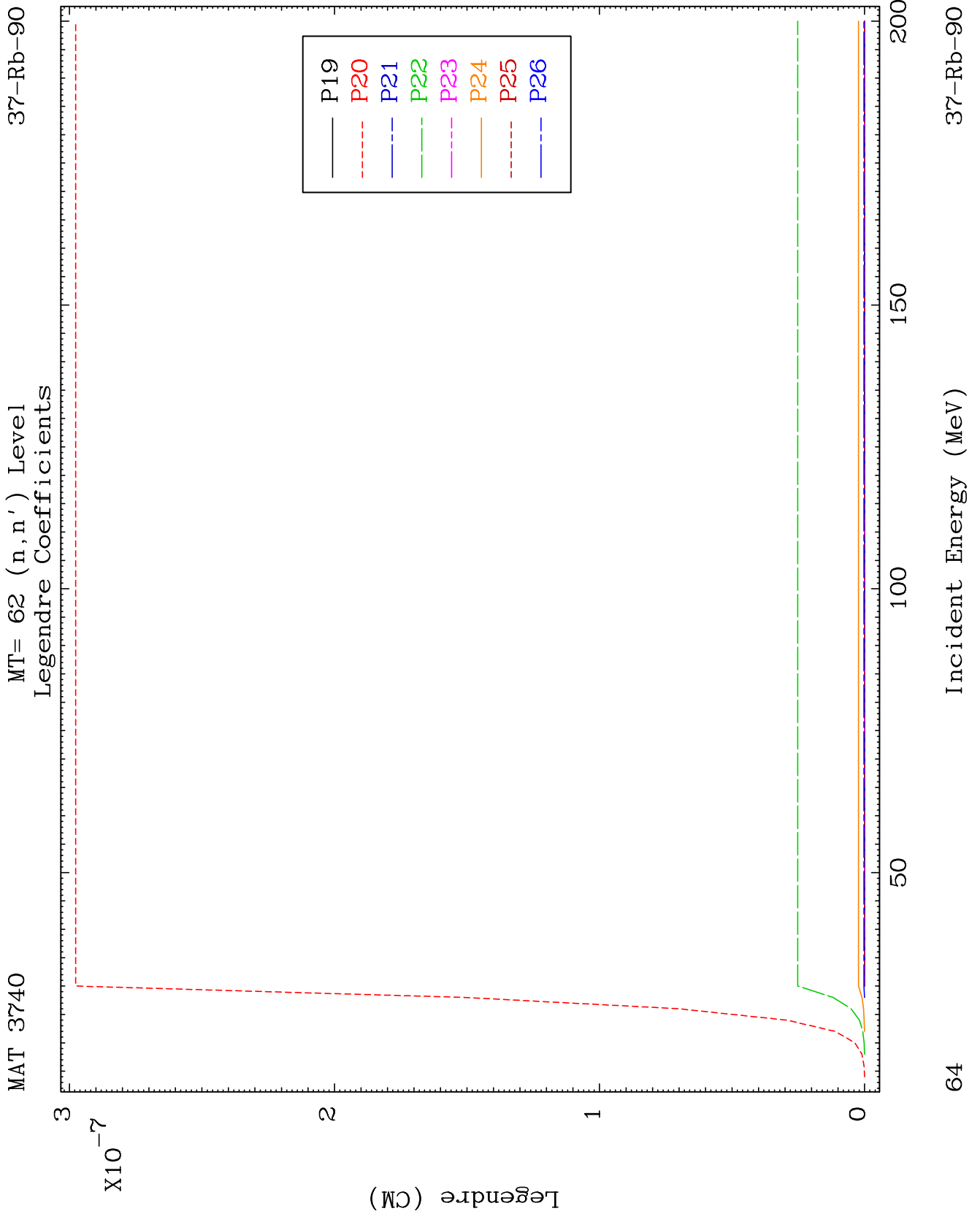
Incident Energy (MeV)

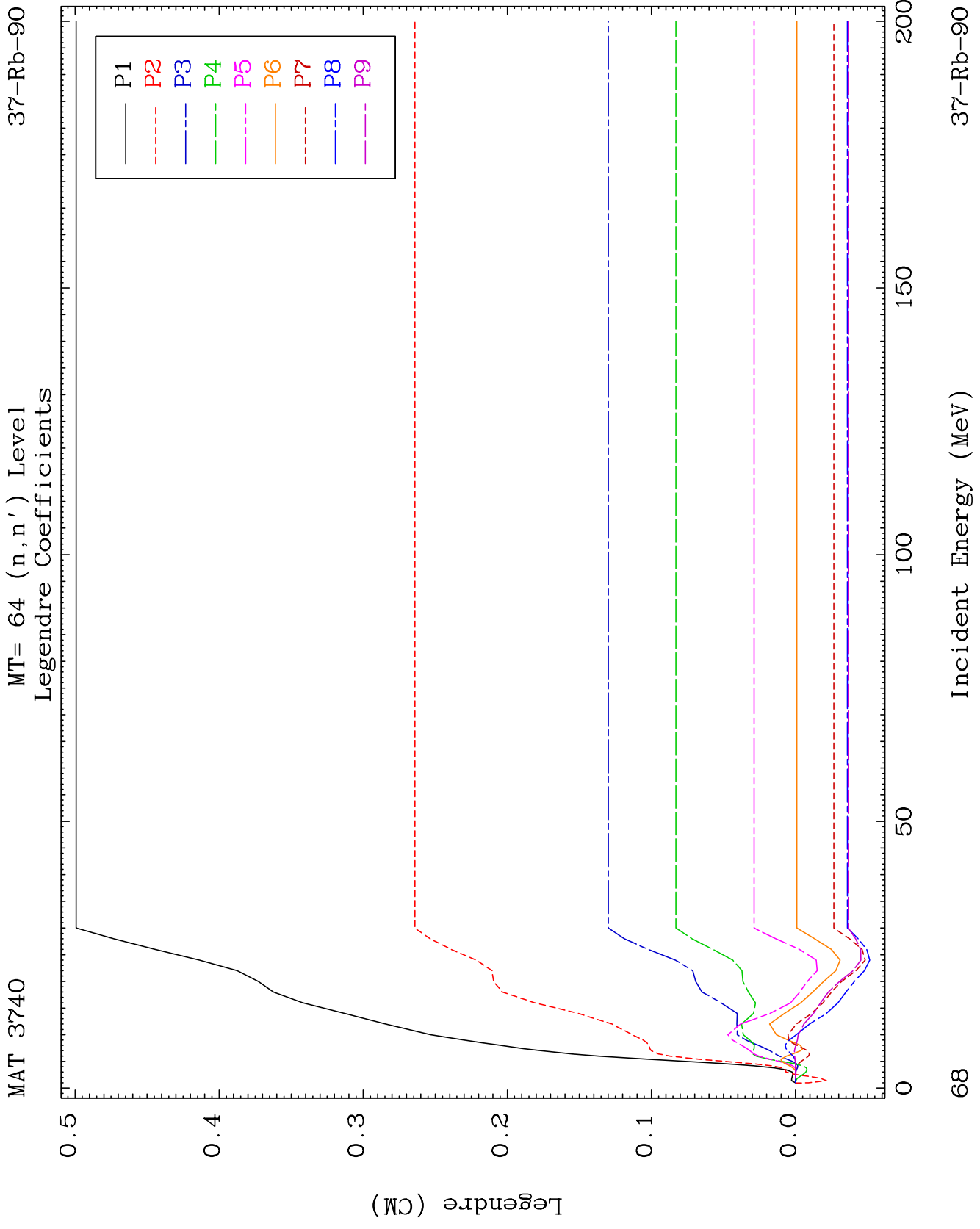
37-Rb-90







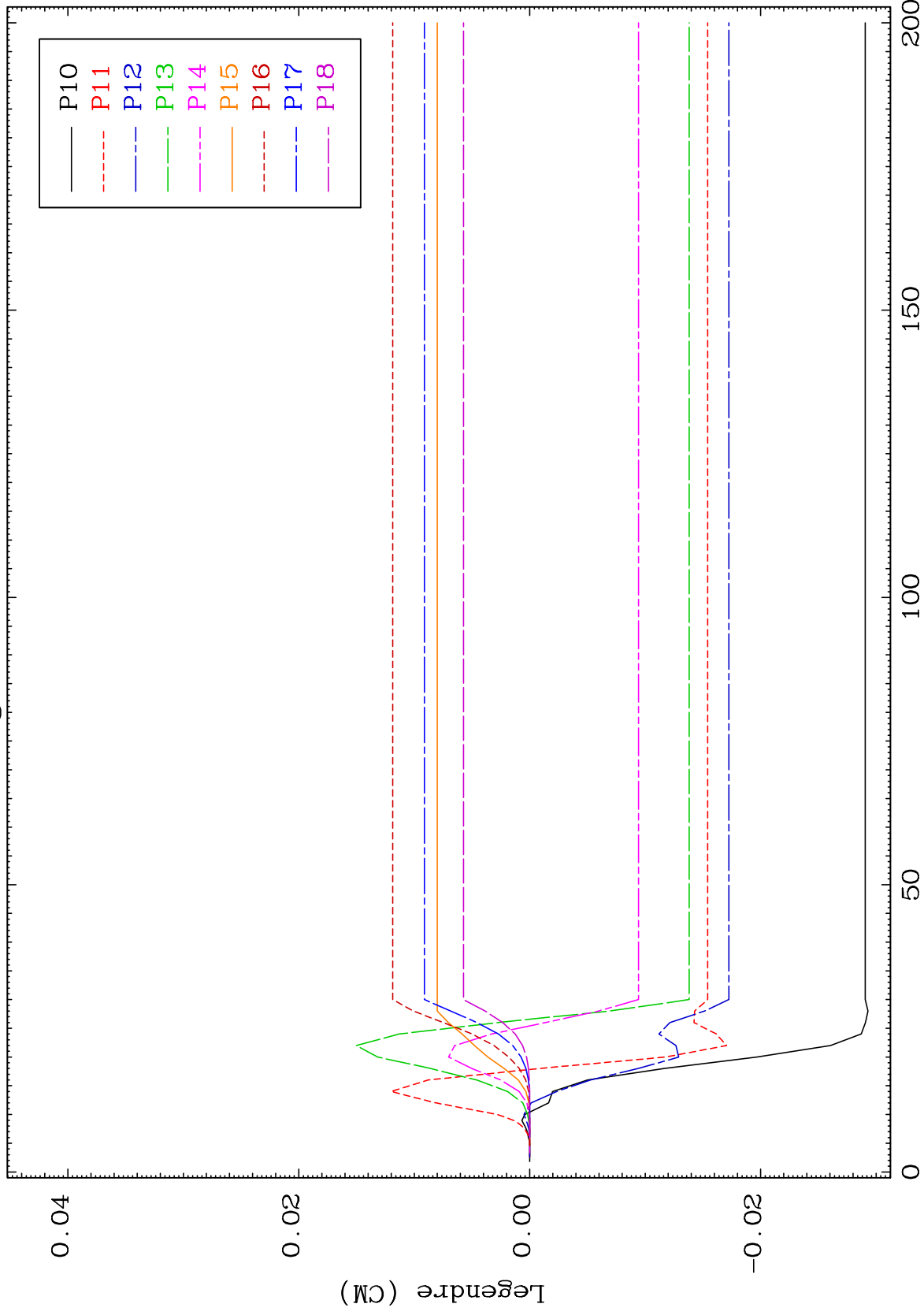




MAT 3740

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

37-Rb-90



69

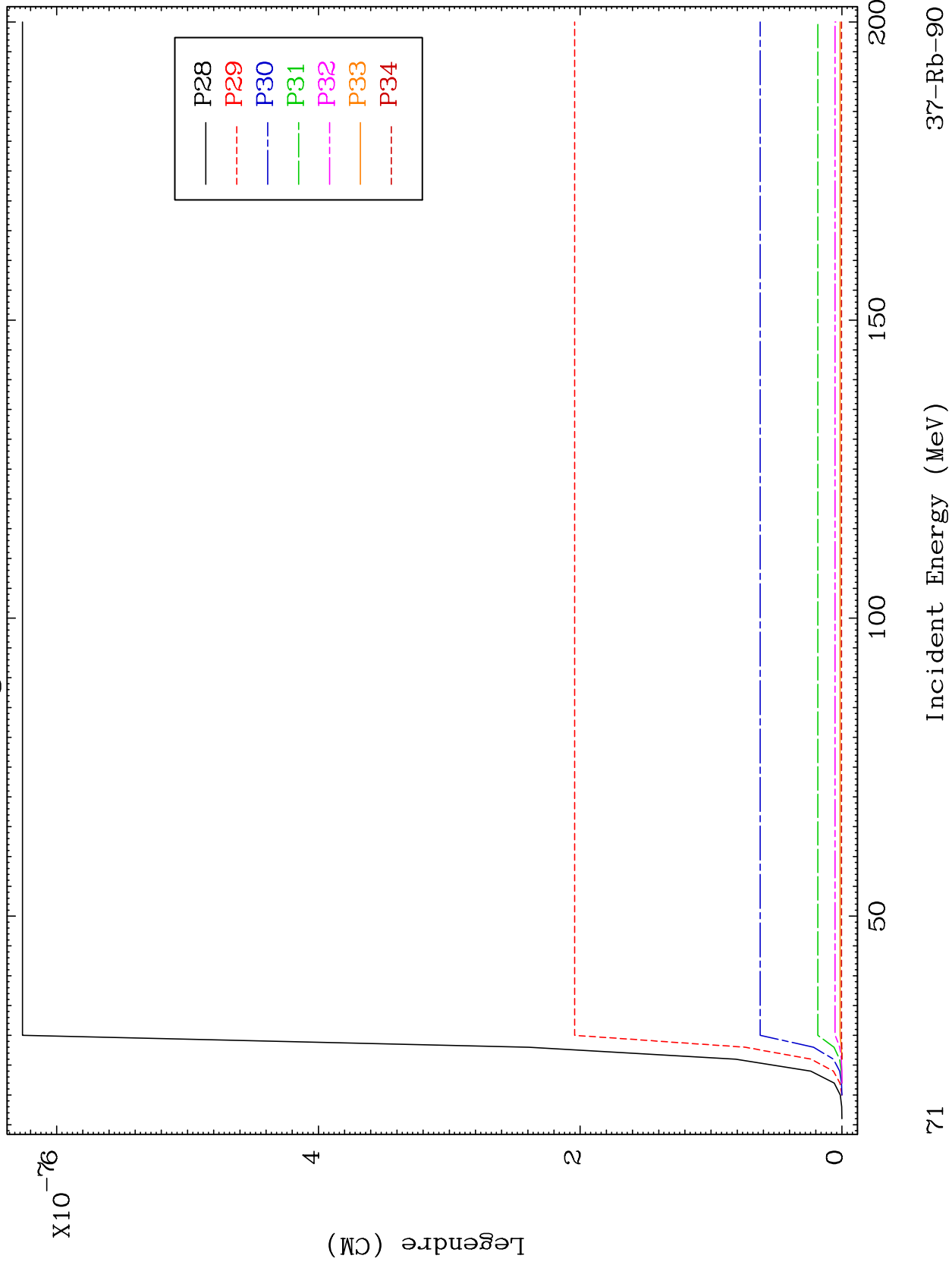
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

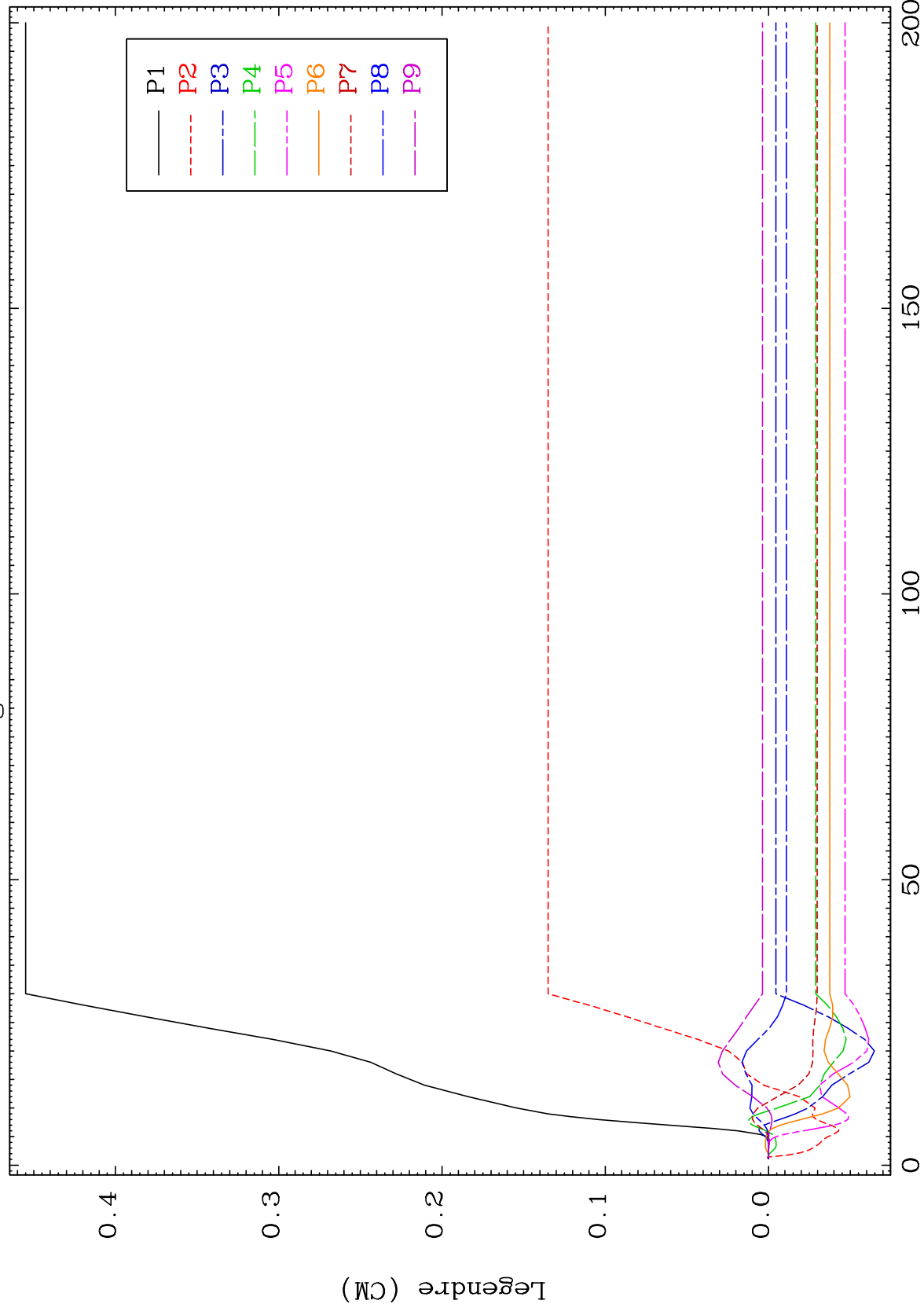
37-Rb-90



MAT 3740

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

37-Rb-90



72

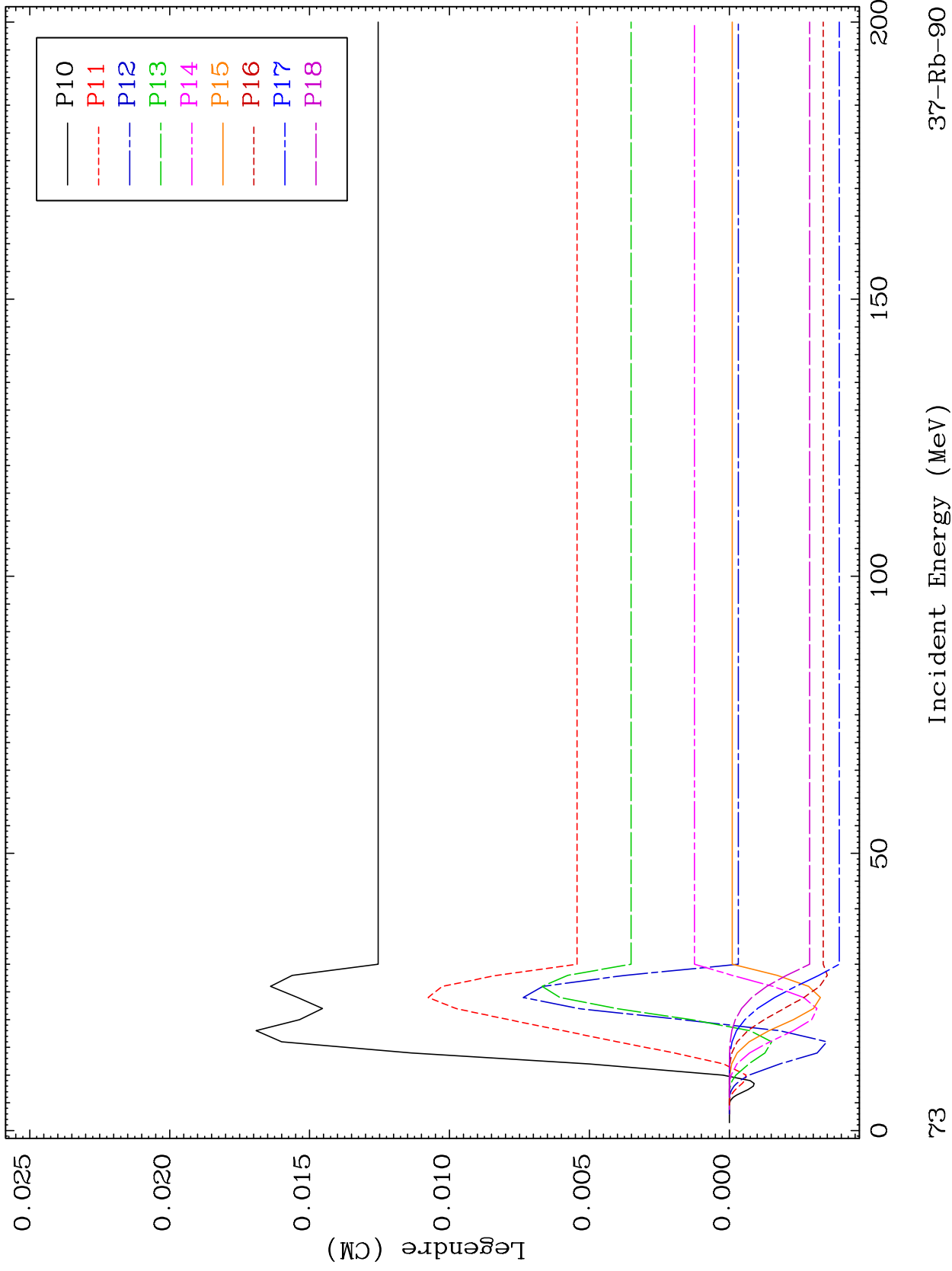
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

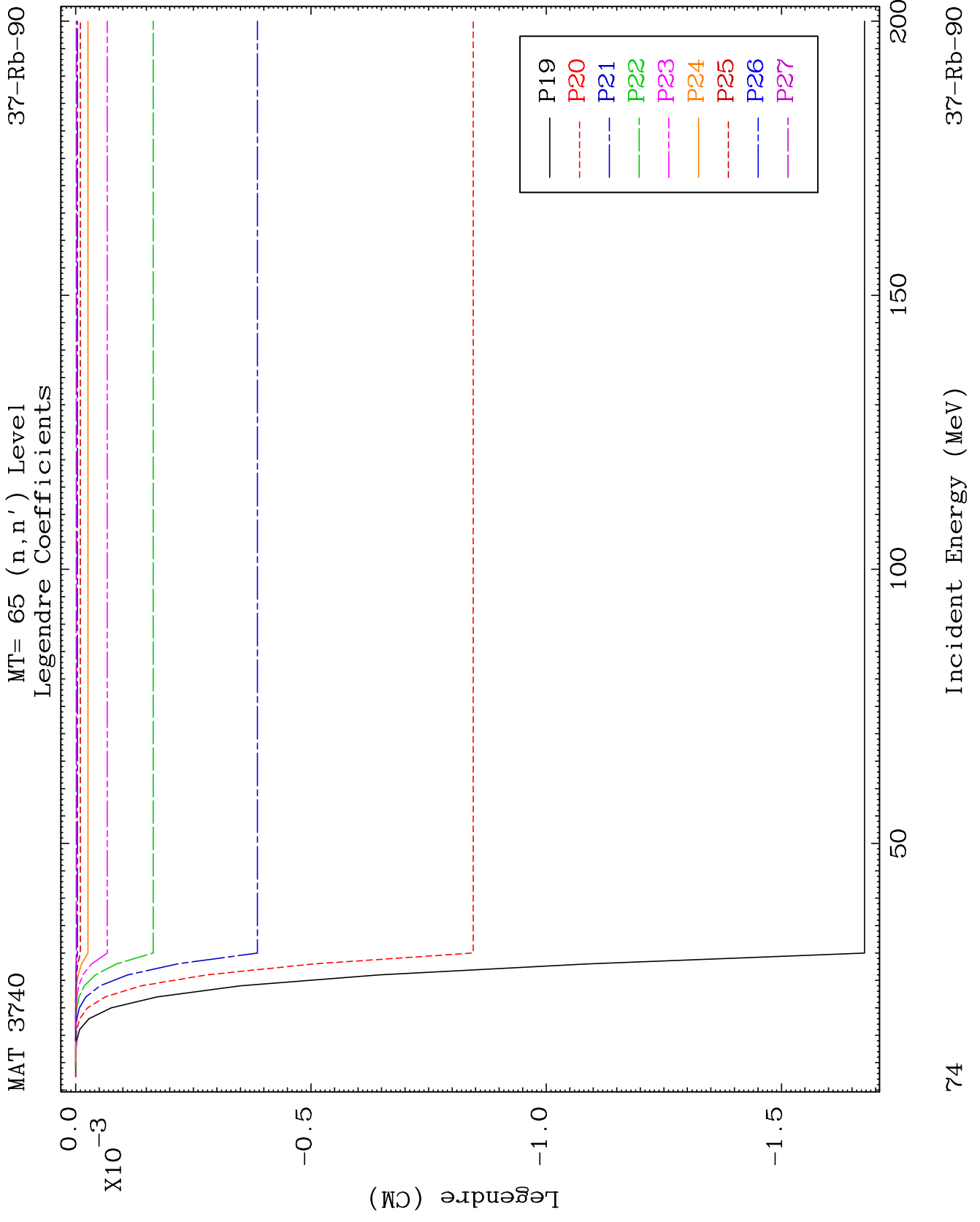
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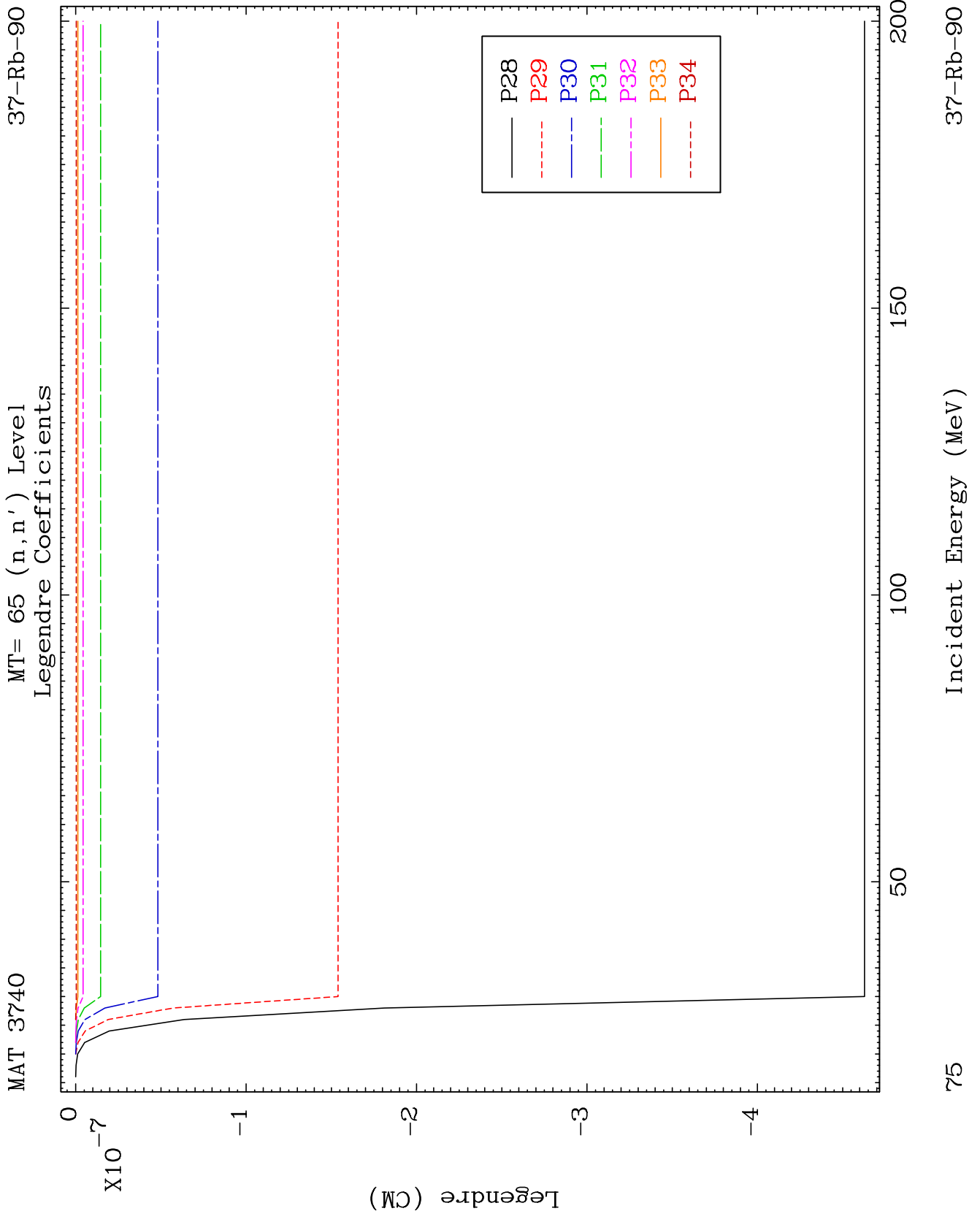


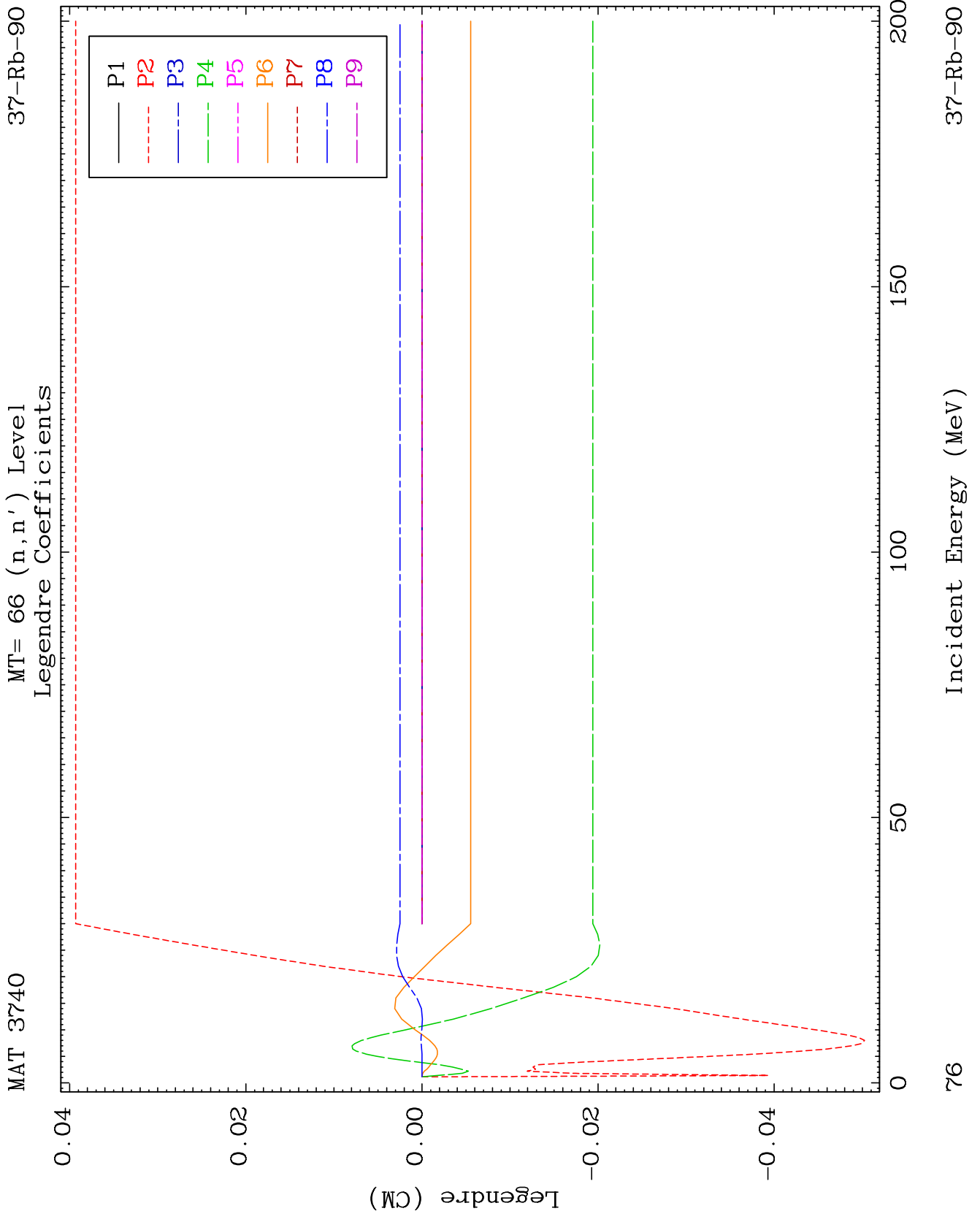
73

Incident Energy (MeV)

37-Rb-90



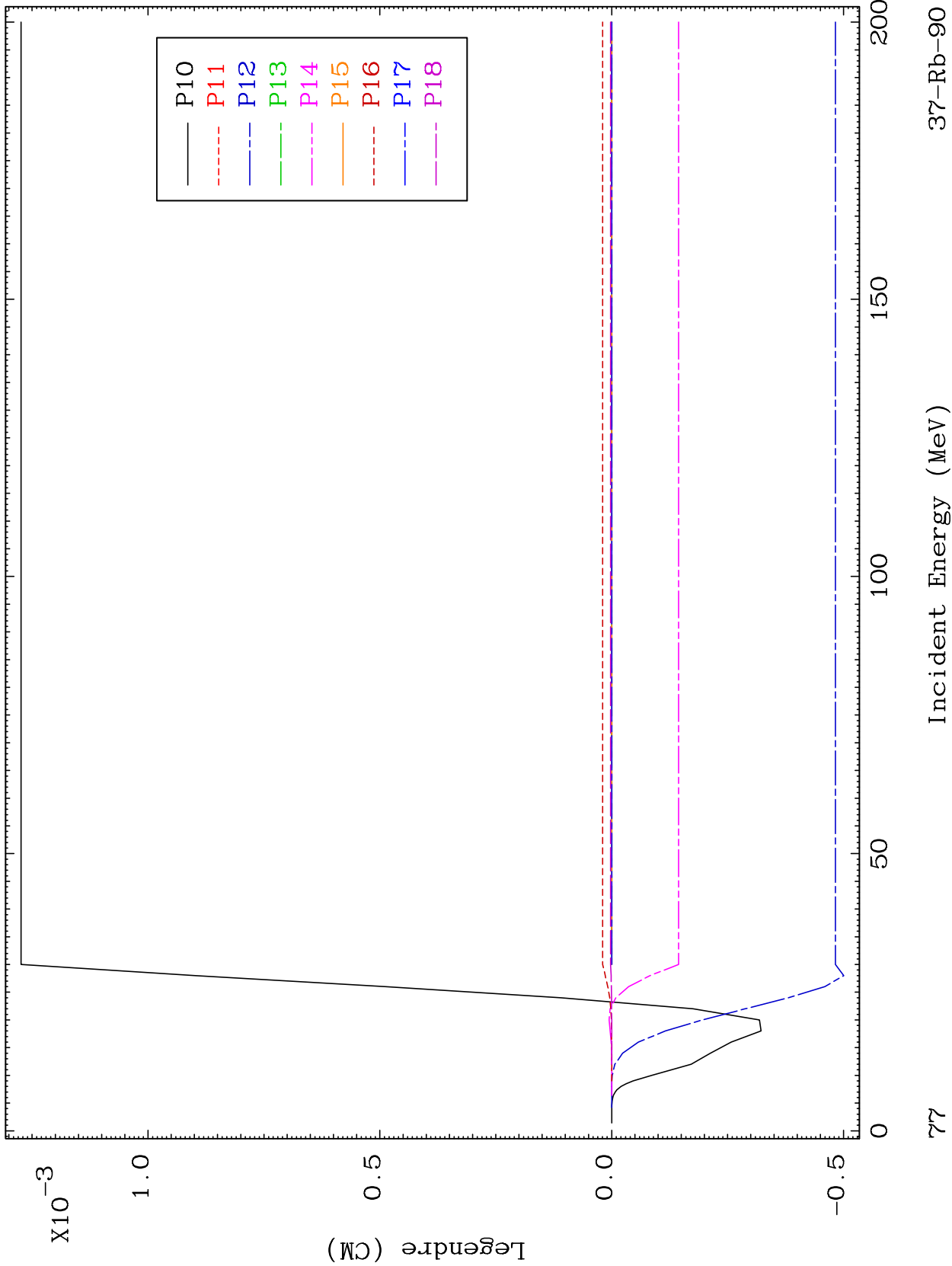




MAT 3740

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

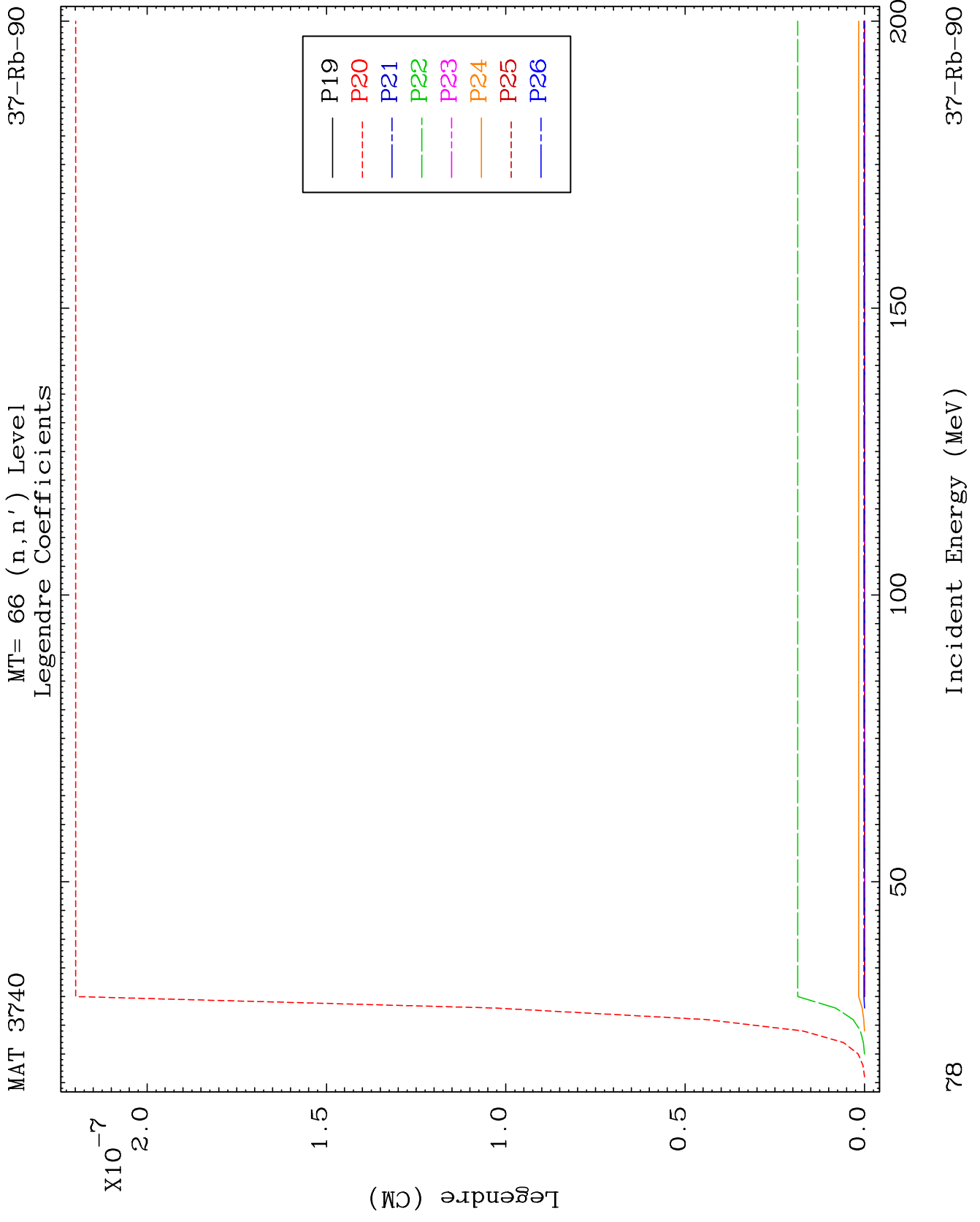
37-Rb-90

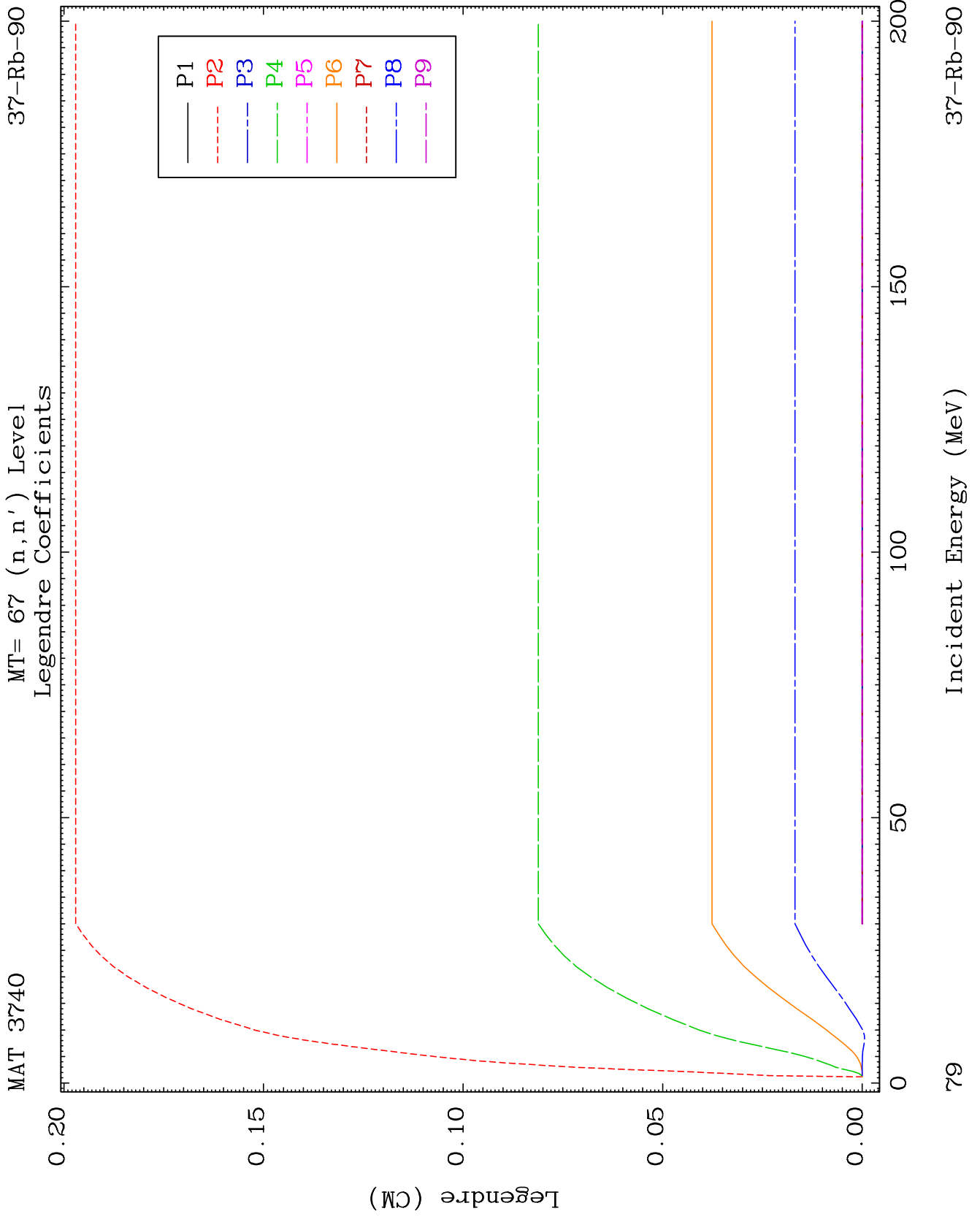


77

Incident Energy (MeV)

37-Rb-90

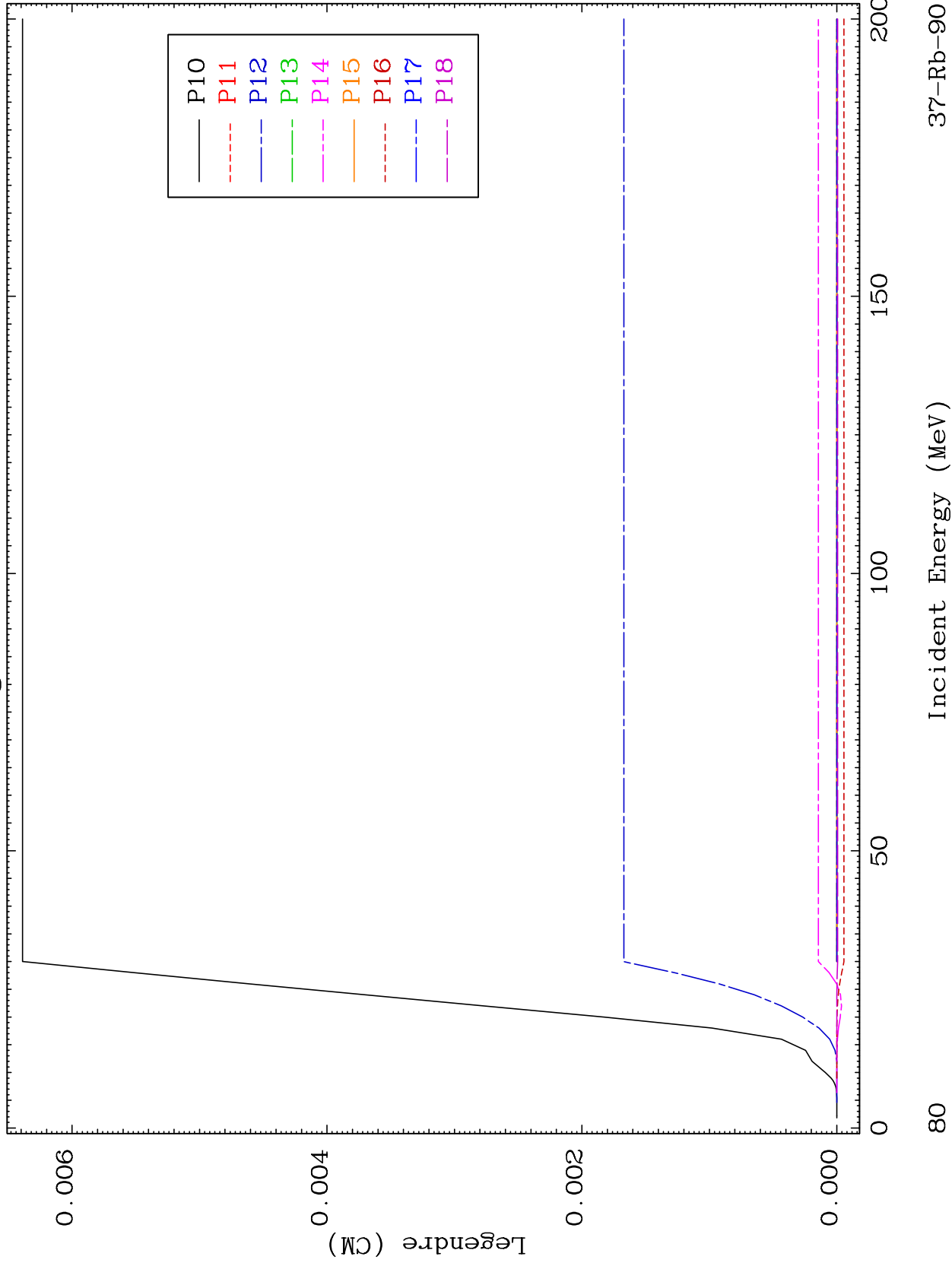




MAT 3740

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

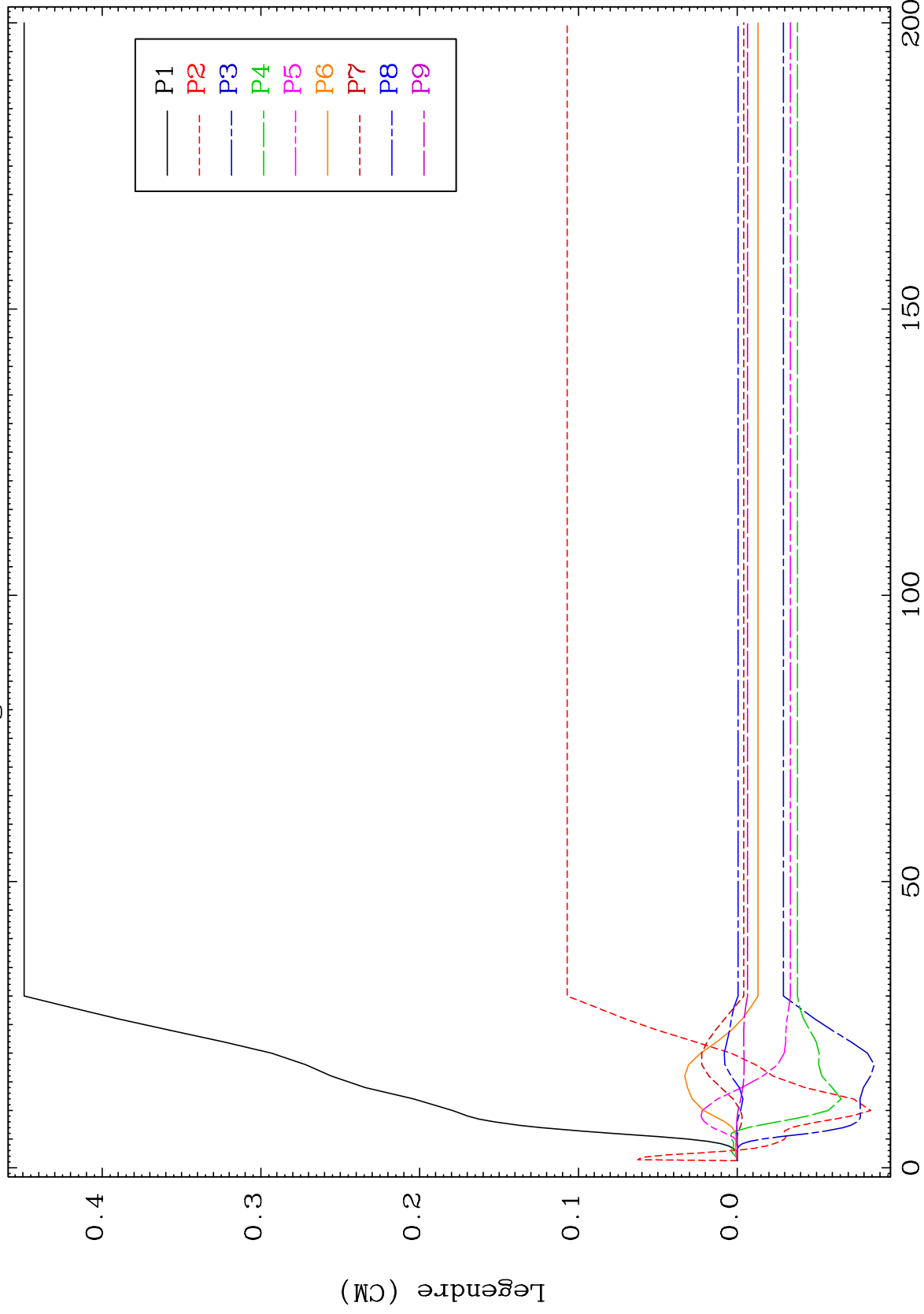
37-Rb-90



MAT 3740

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

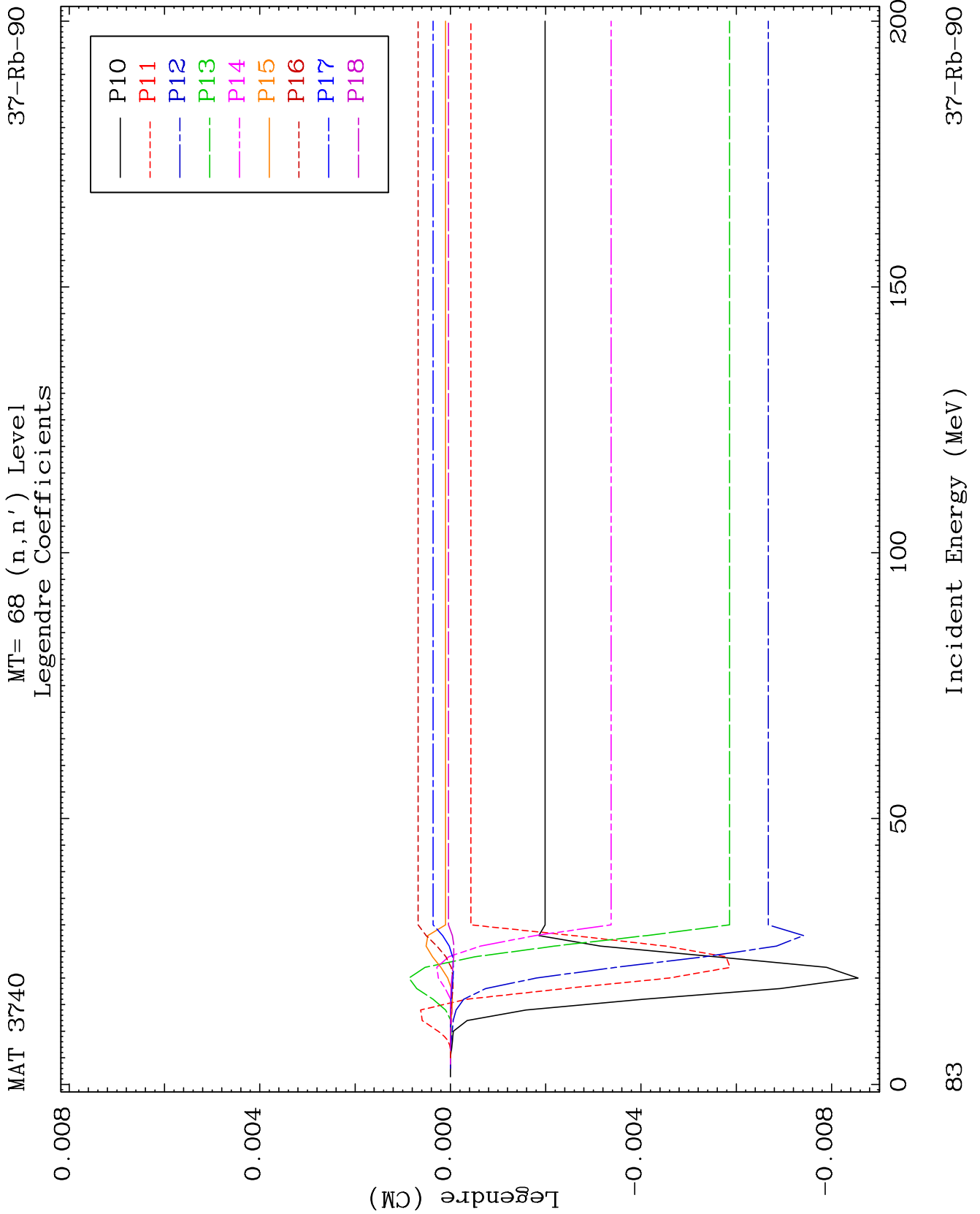
37-Rb-90



37-Rb-90

Incident Energy (MeV)

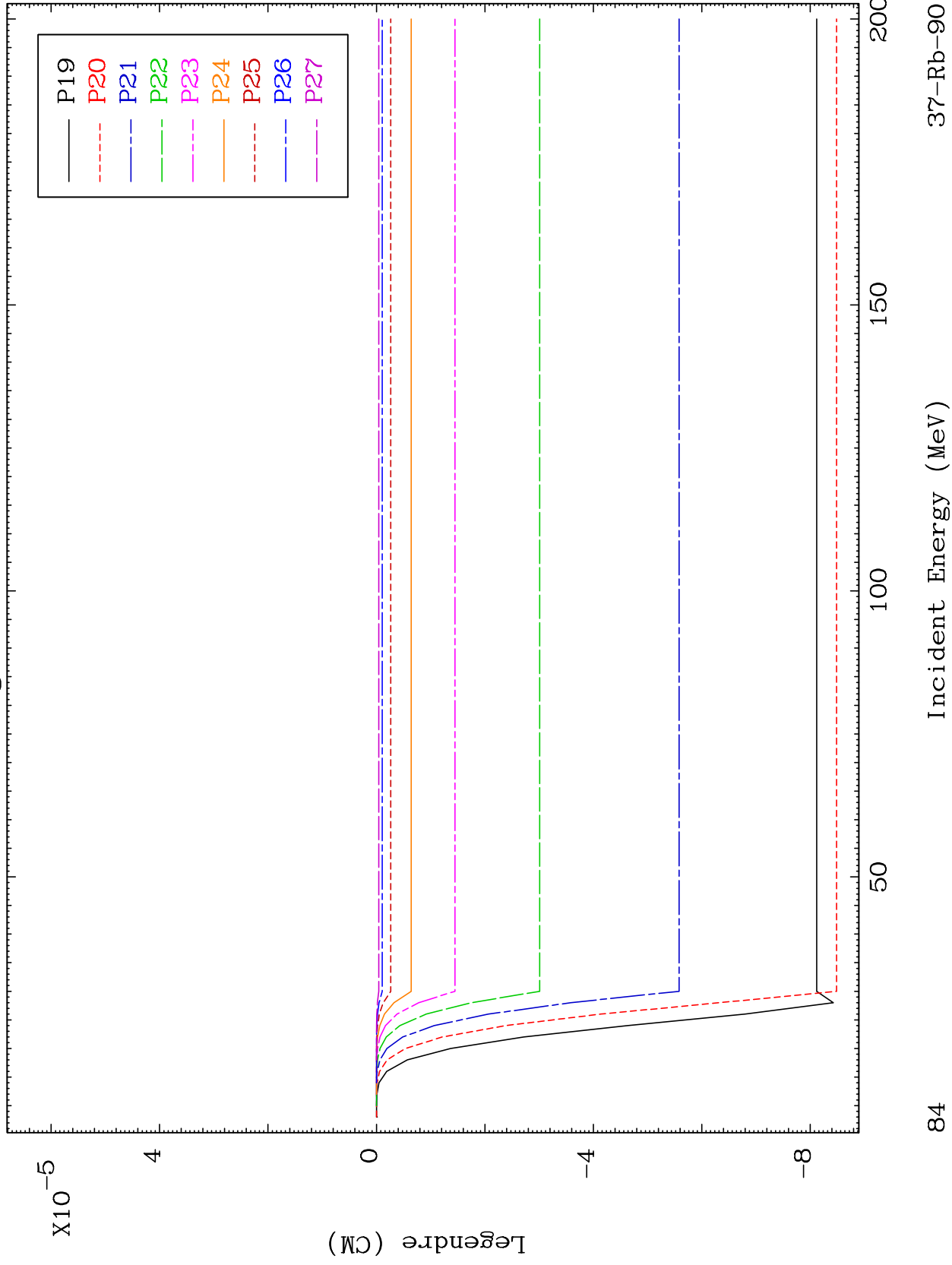
82



MAT 3740

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

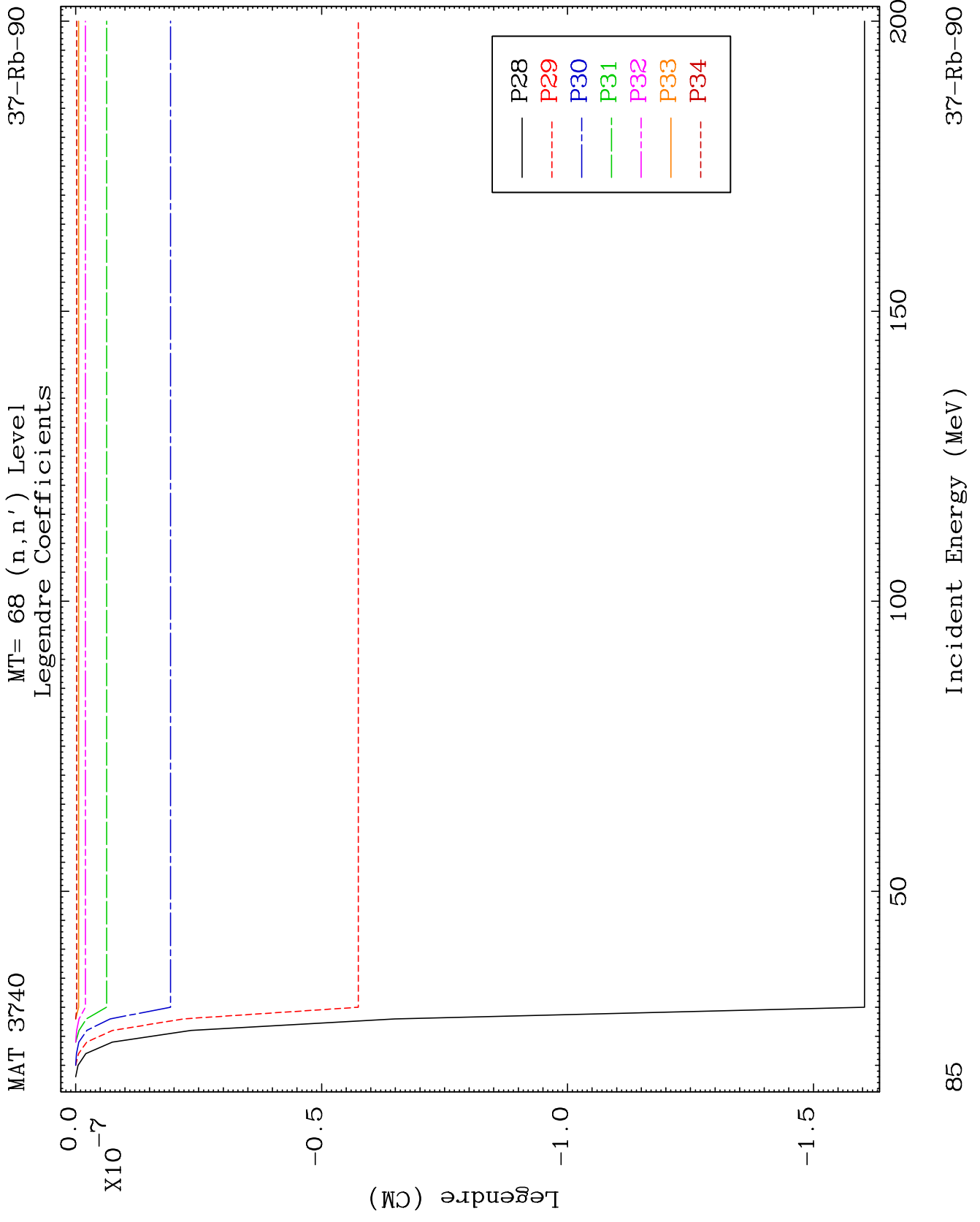
37-Rb-90



84

Incident Energy (MeV)

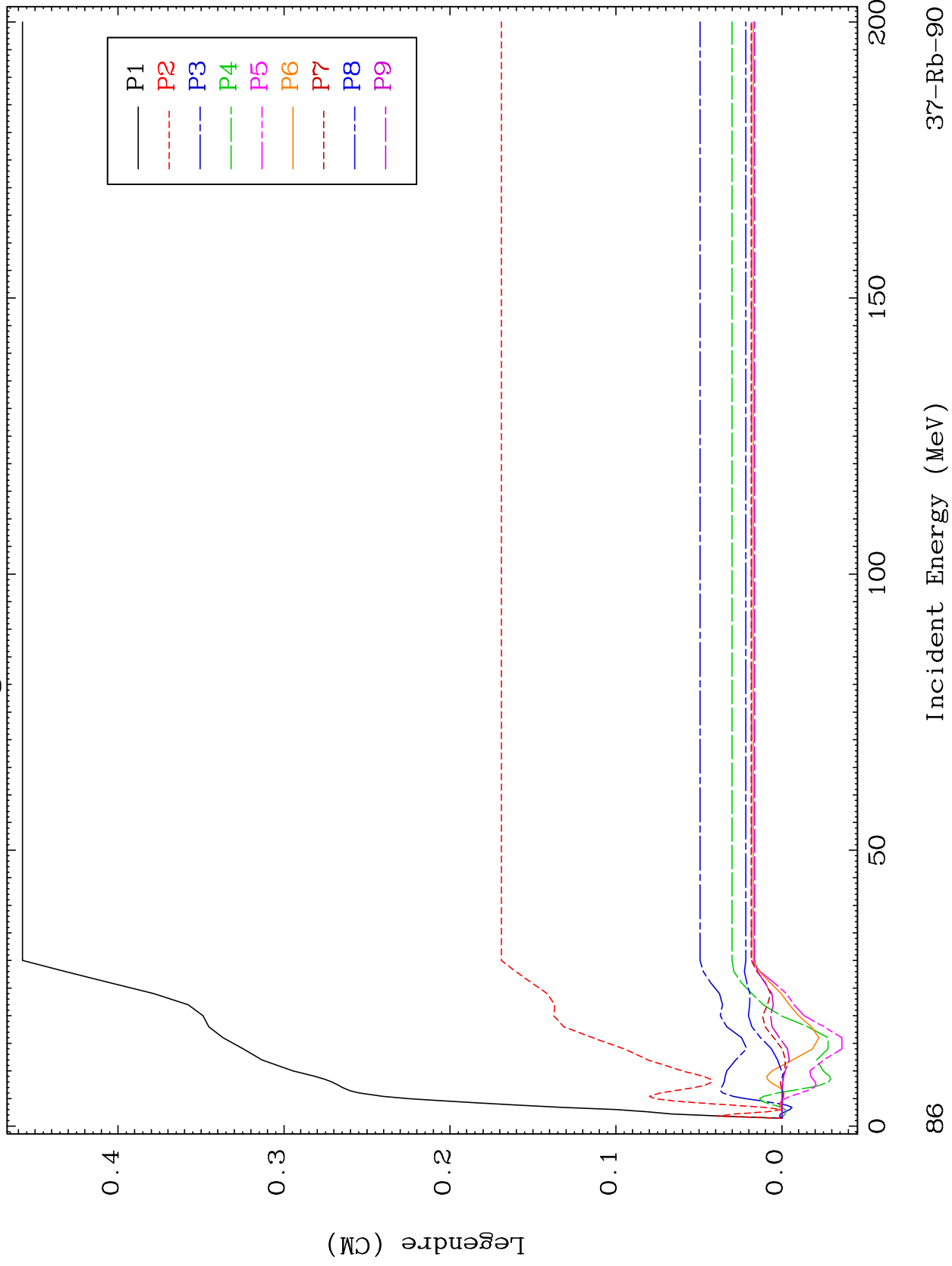
37-Rb-90



MAT 3740

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

37-Rb-90



37-Rb-90

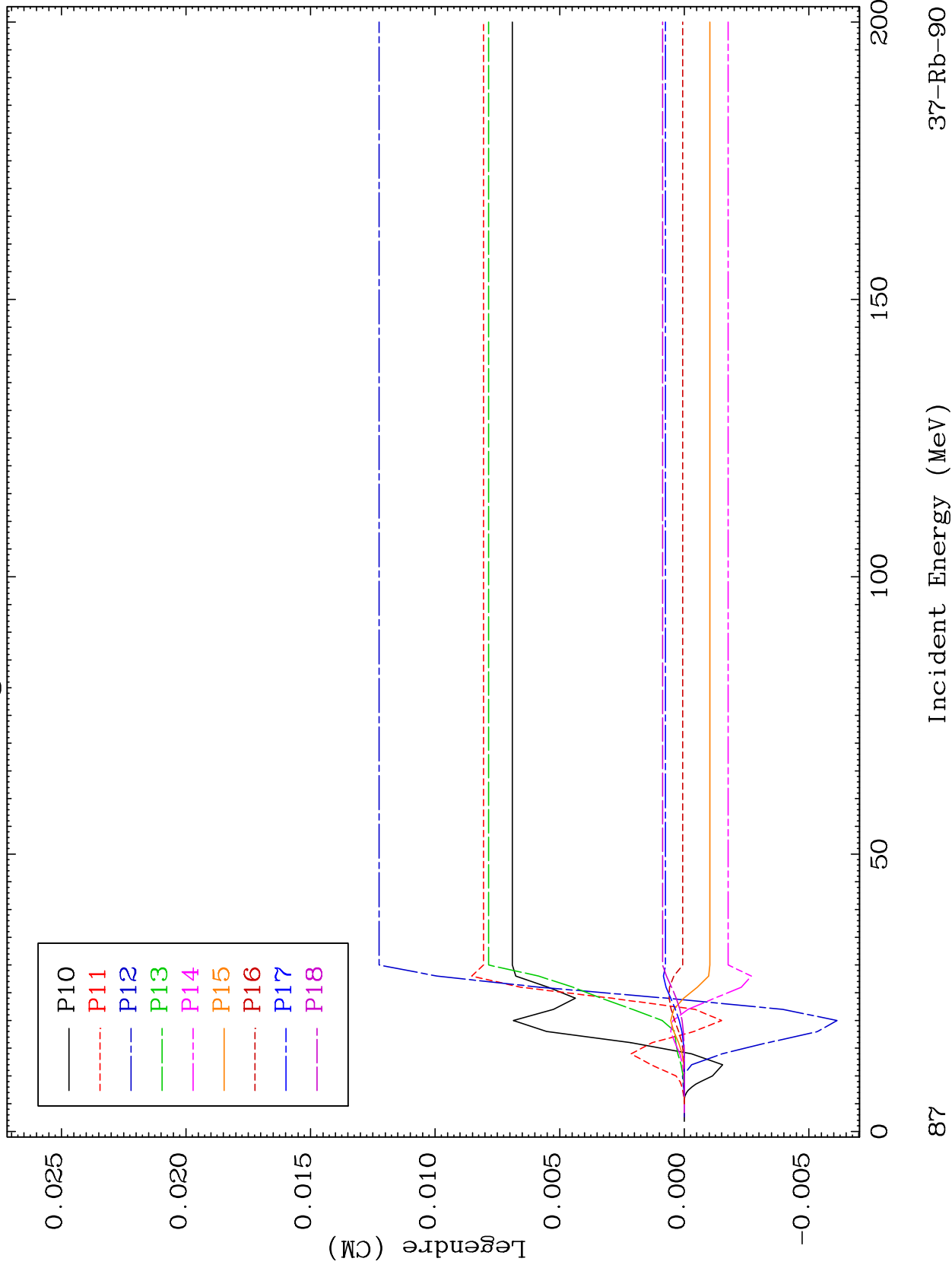
Incident Energy (MeV)

86

MAT 3740

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

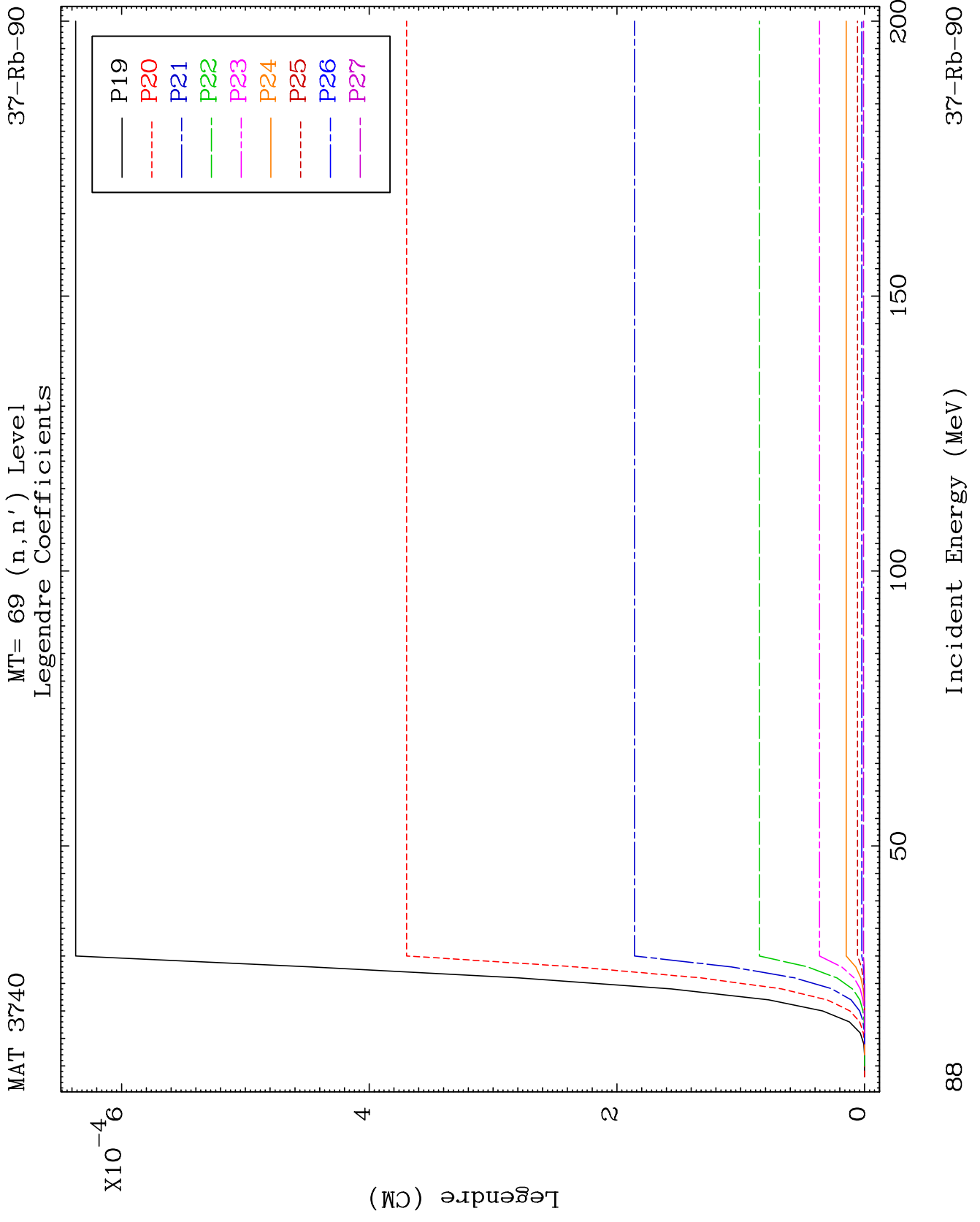
37-Rb-90



87

Incident Energy (MeV)

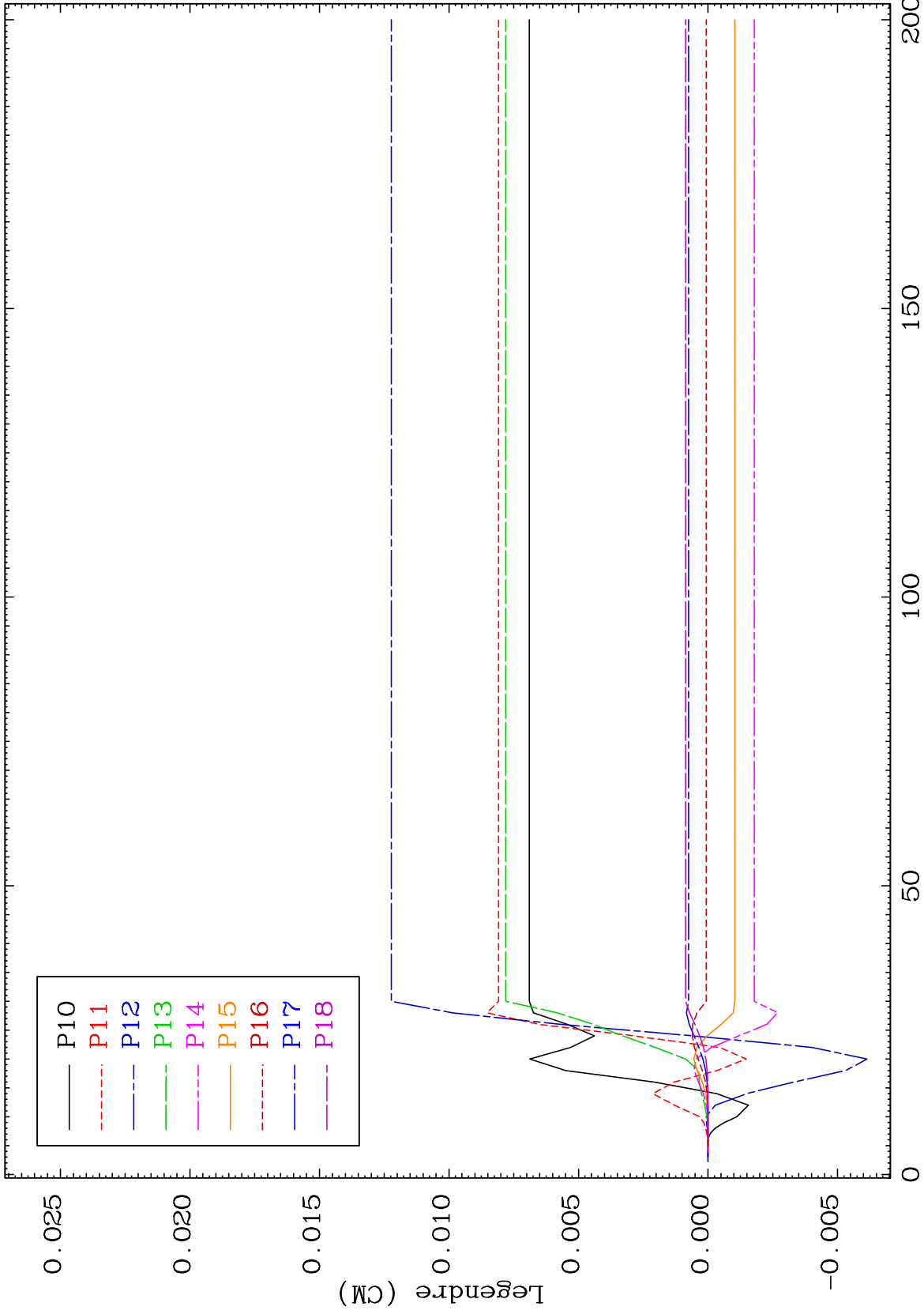
37-Rb-90



MAT 3740

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

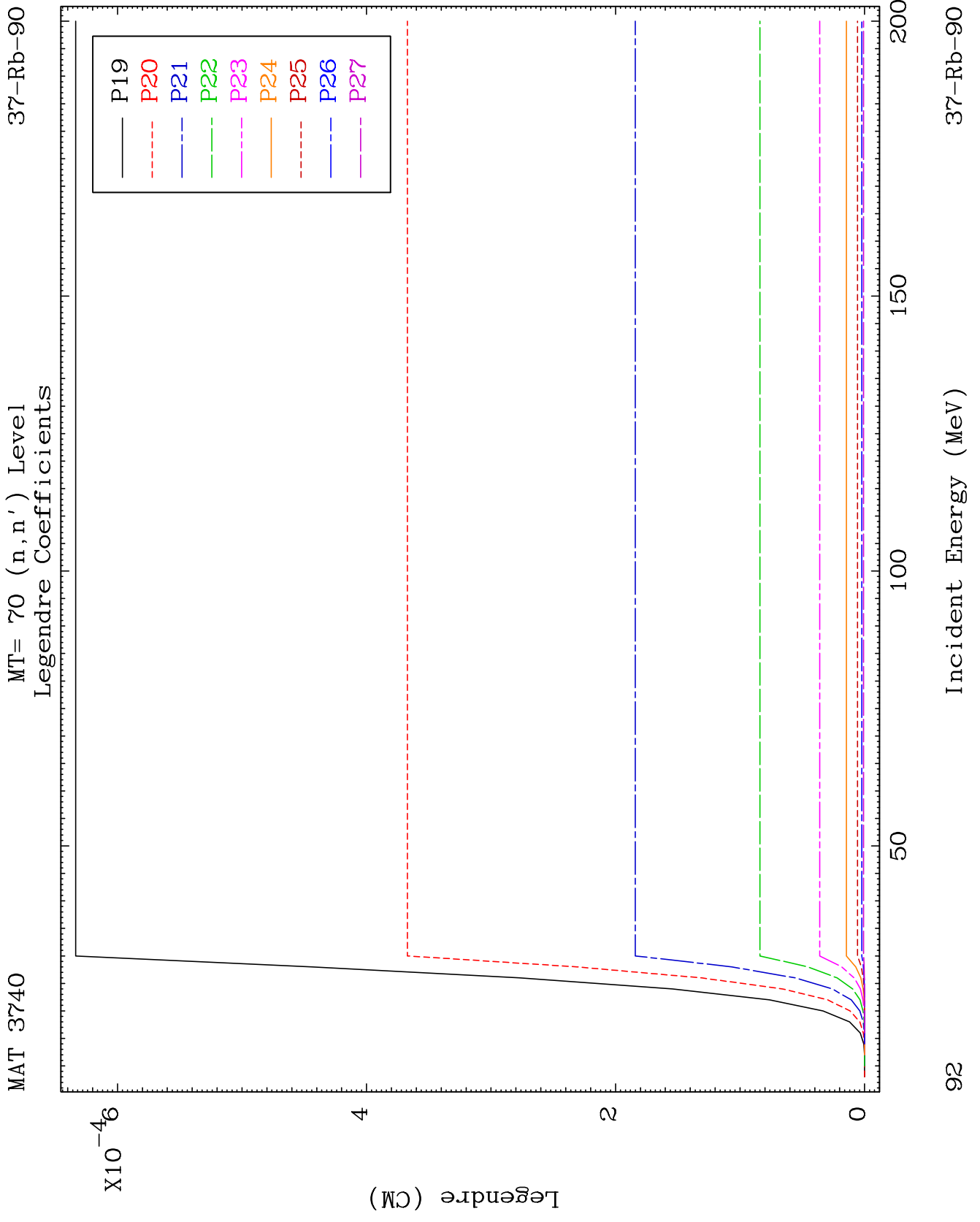
37-Rb-90



91

Incident Energy (MeV)

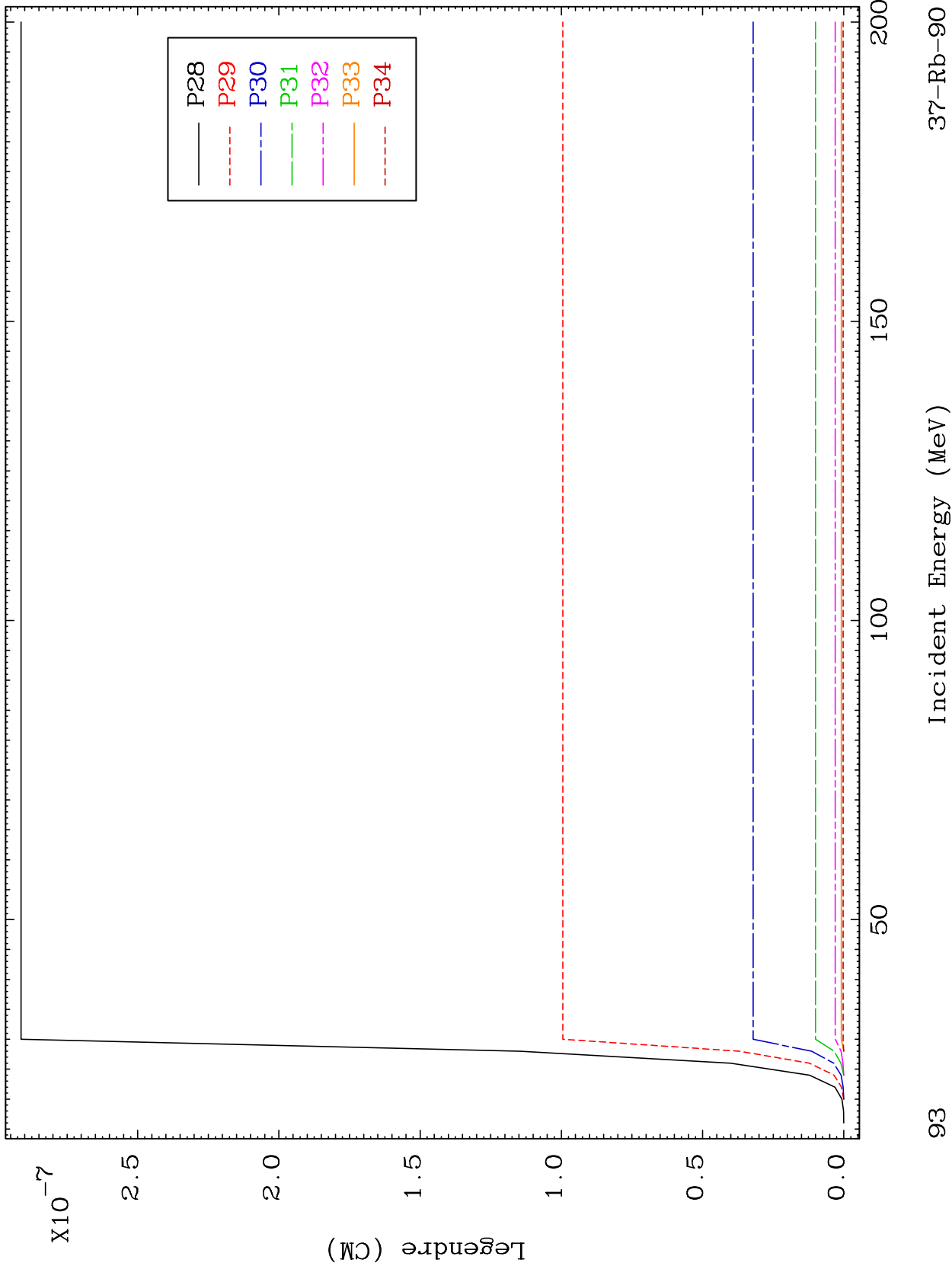
37-Rb-90



MAT 3740

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

37-Rb-90



93

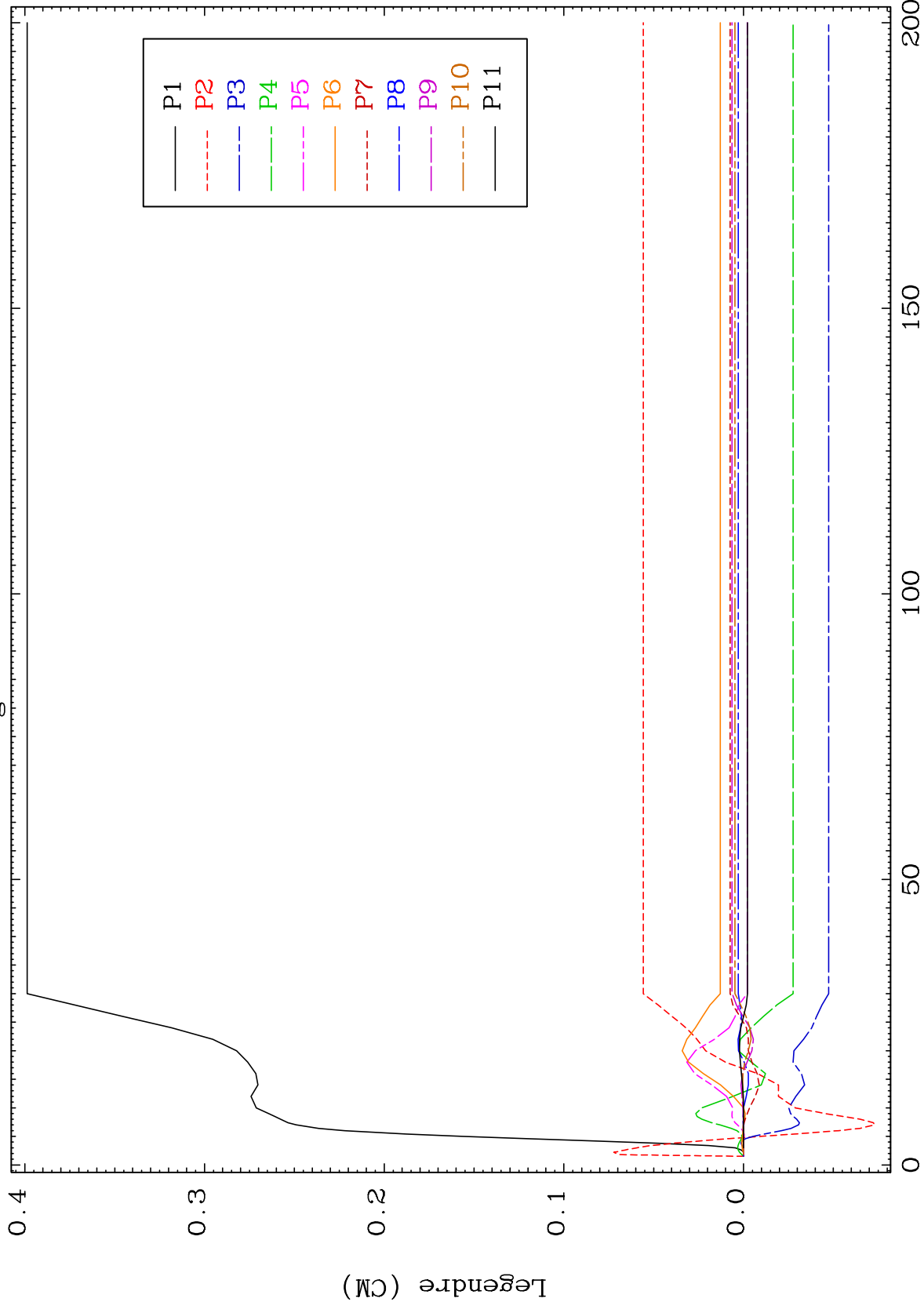
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

37-Rb-90



94

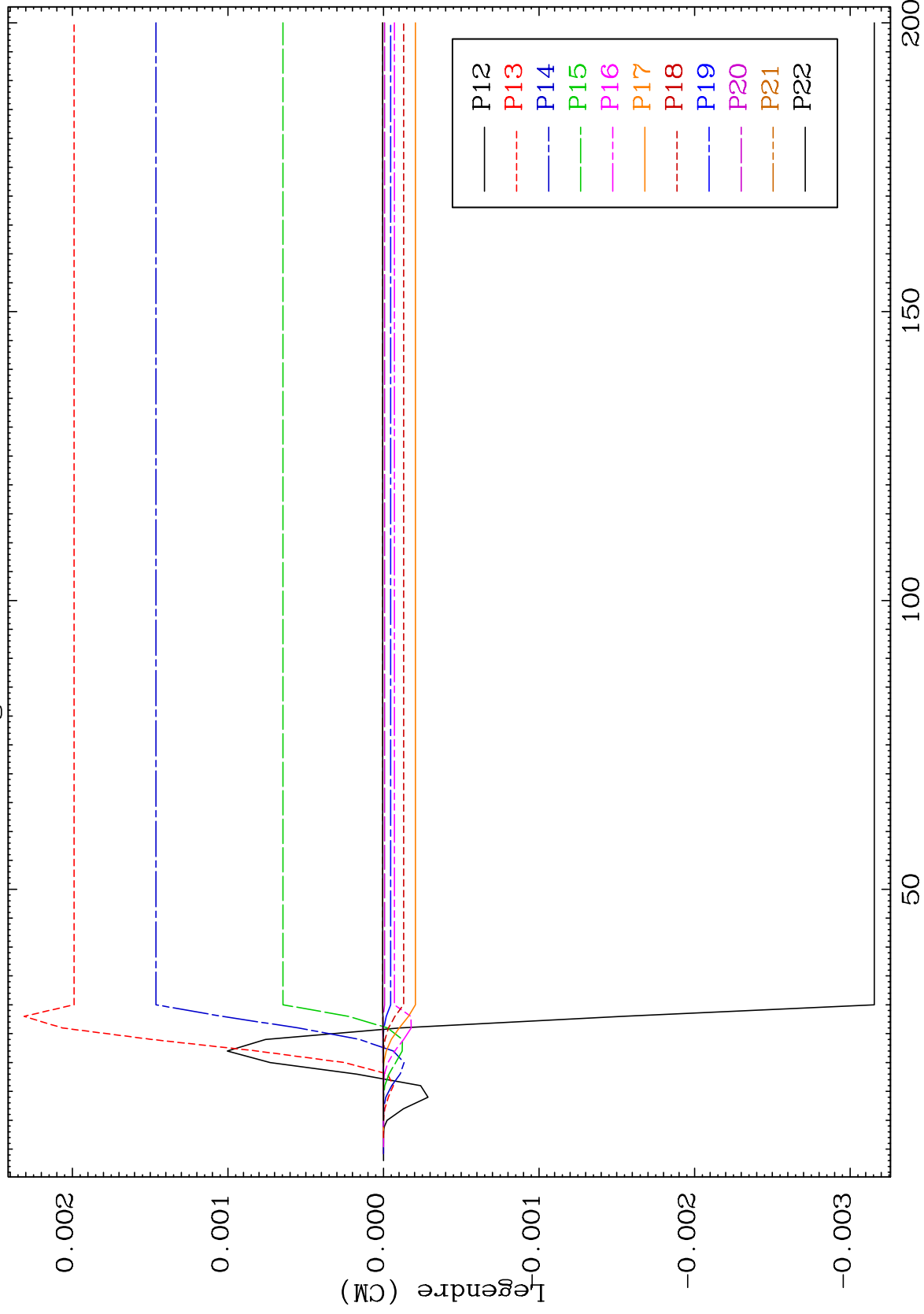
Incident Energy (MeV)

37-Rb-90

MAT 3740

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

37-Rb-90



95

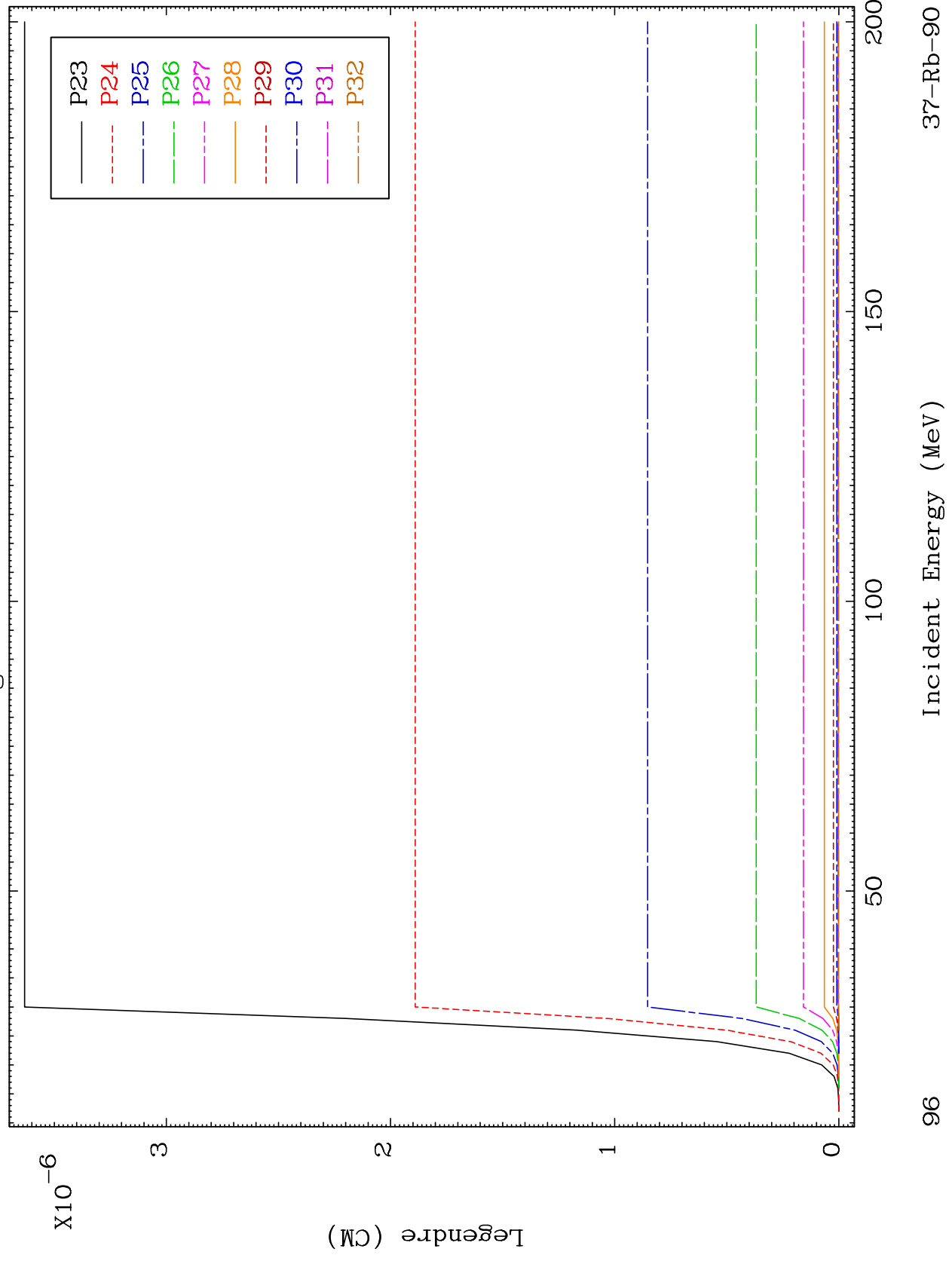
Incident Energy (MeV)

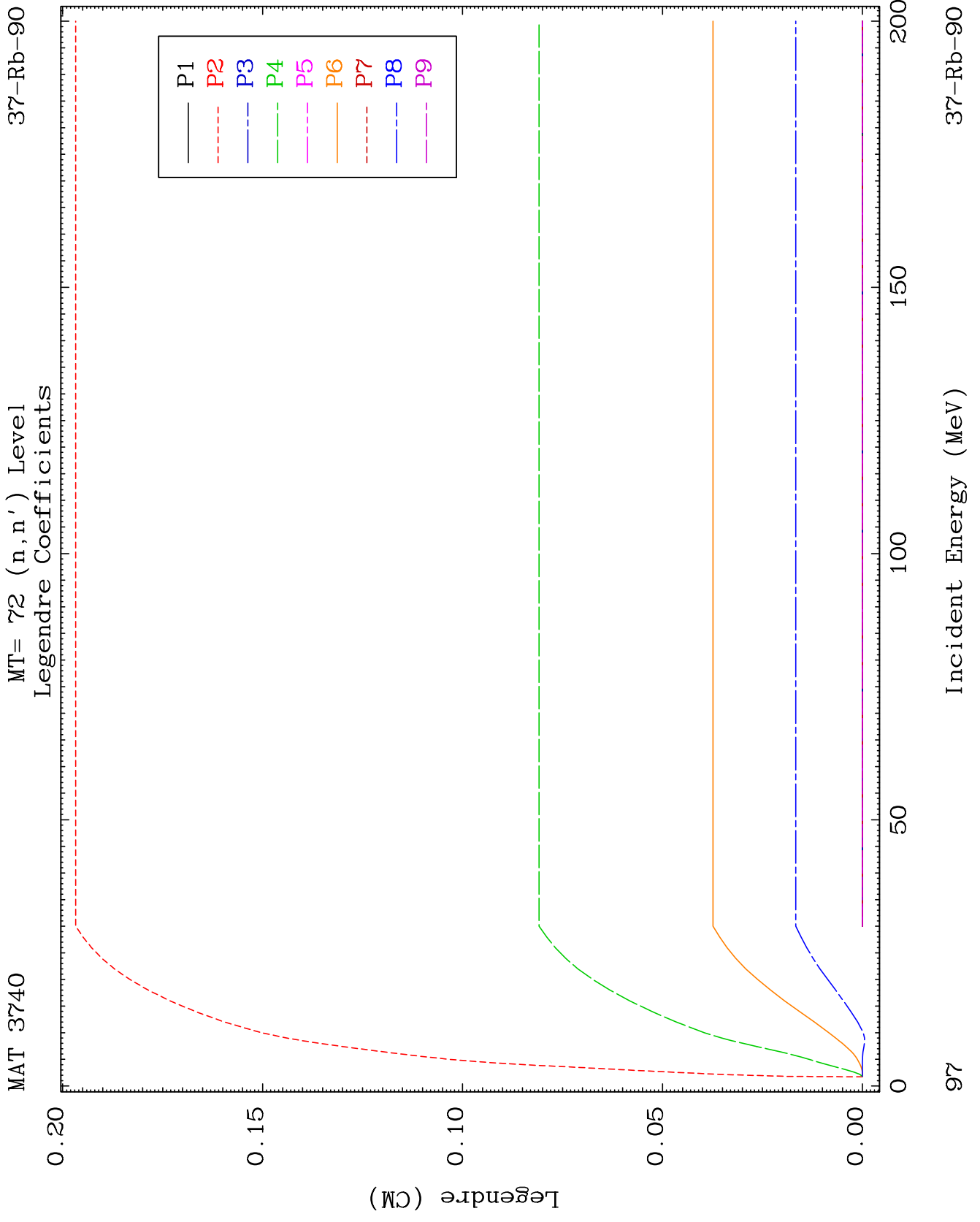
37-Rb-90

MAT 3740

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

37-Rb-90

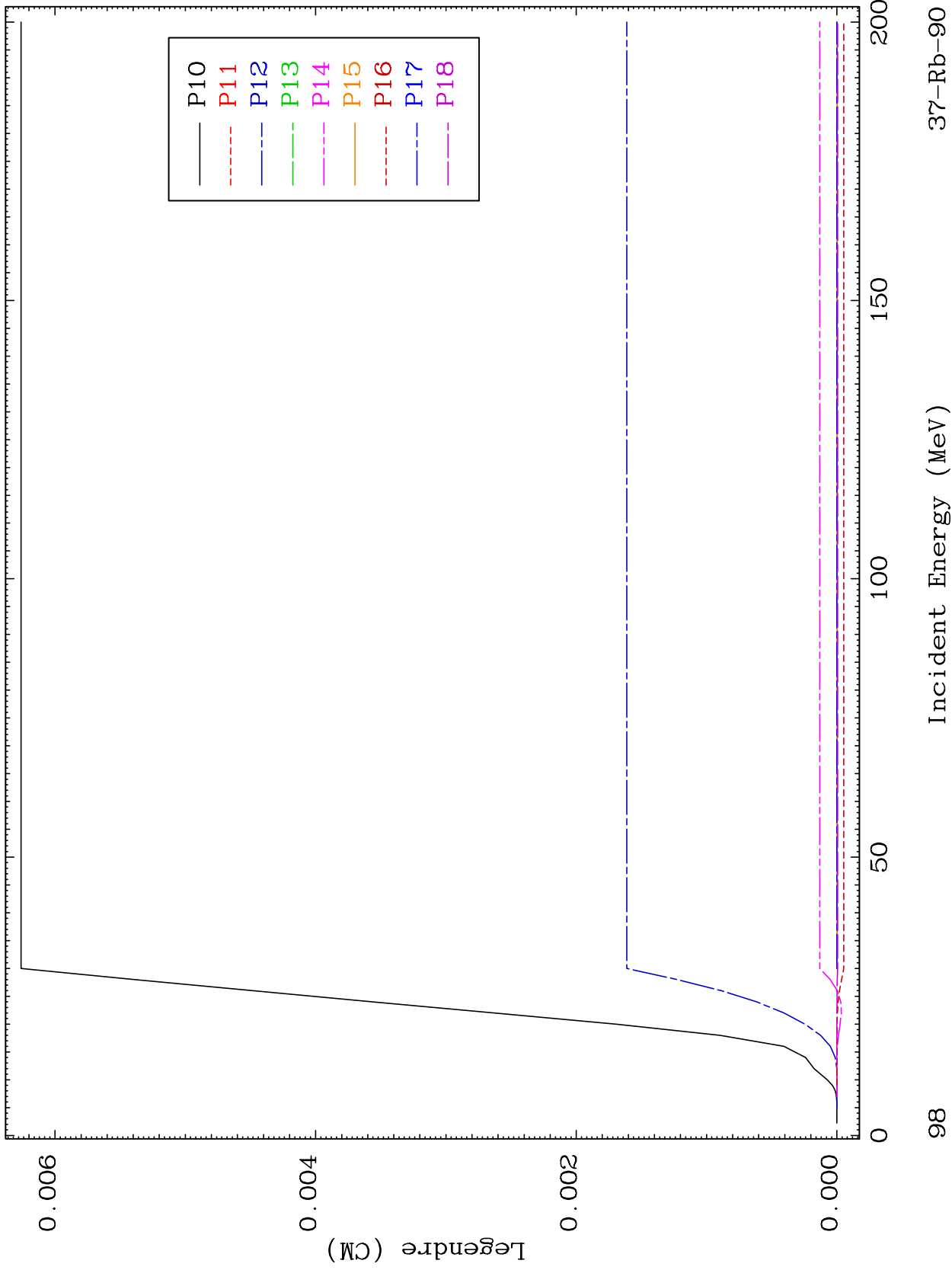




MAT 3740

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

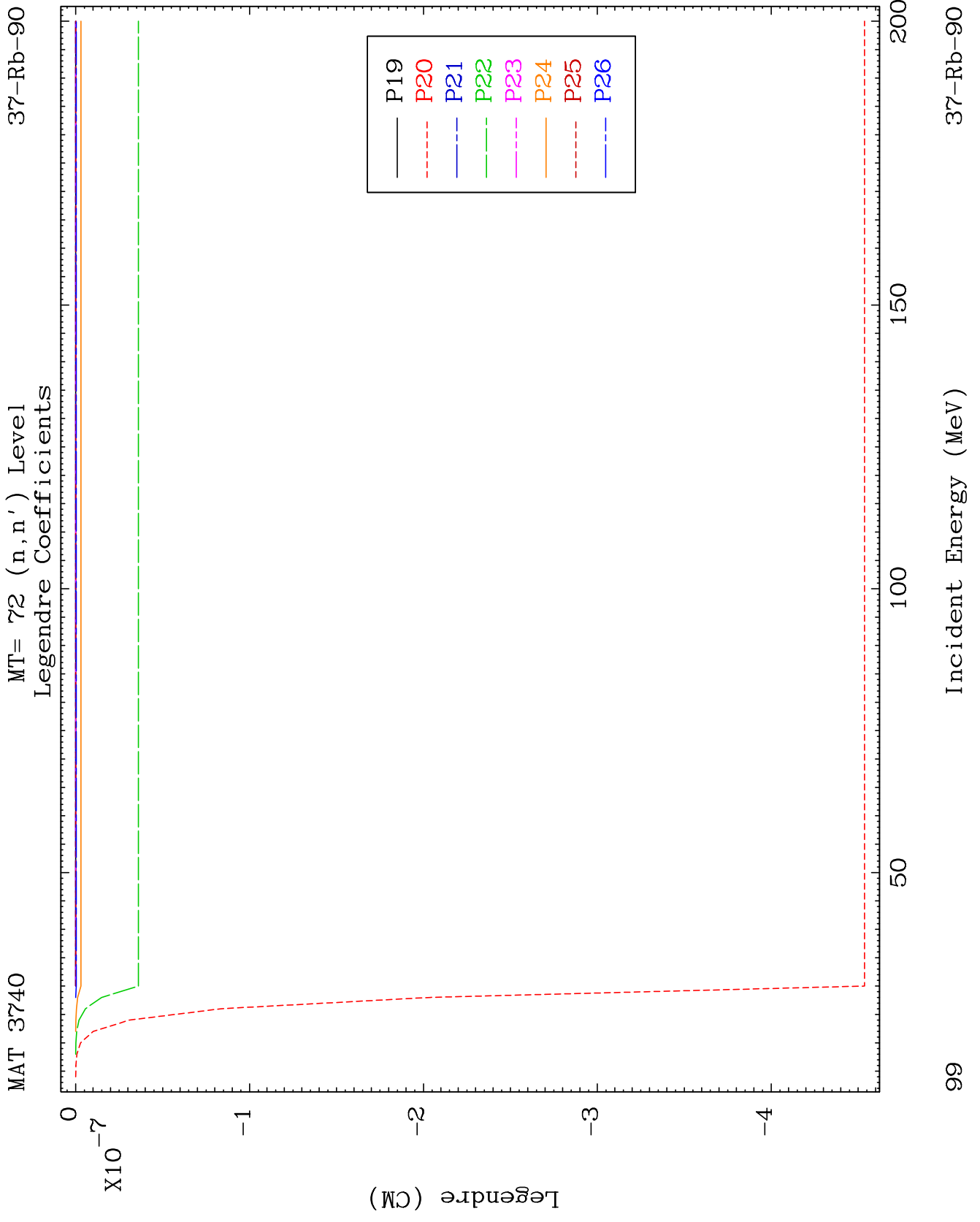
37-Rb-90

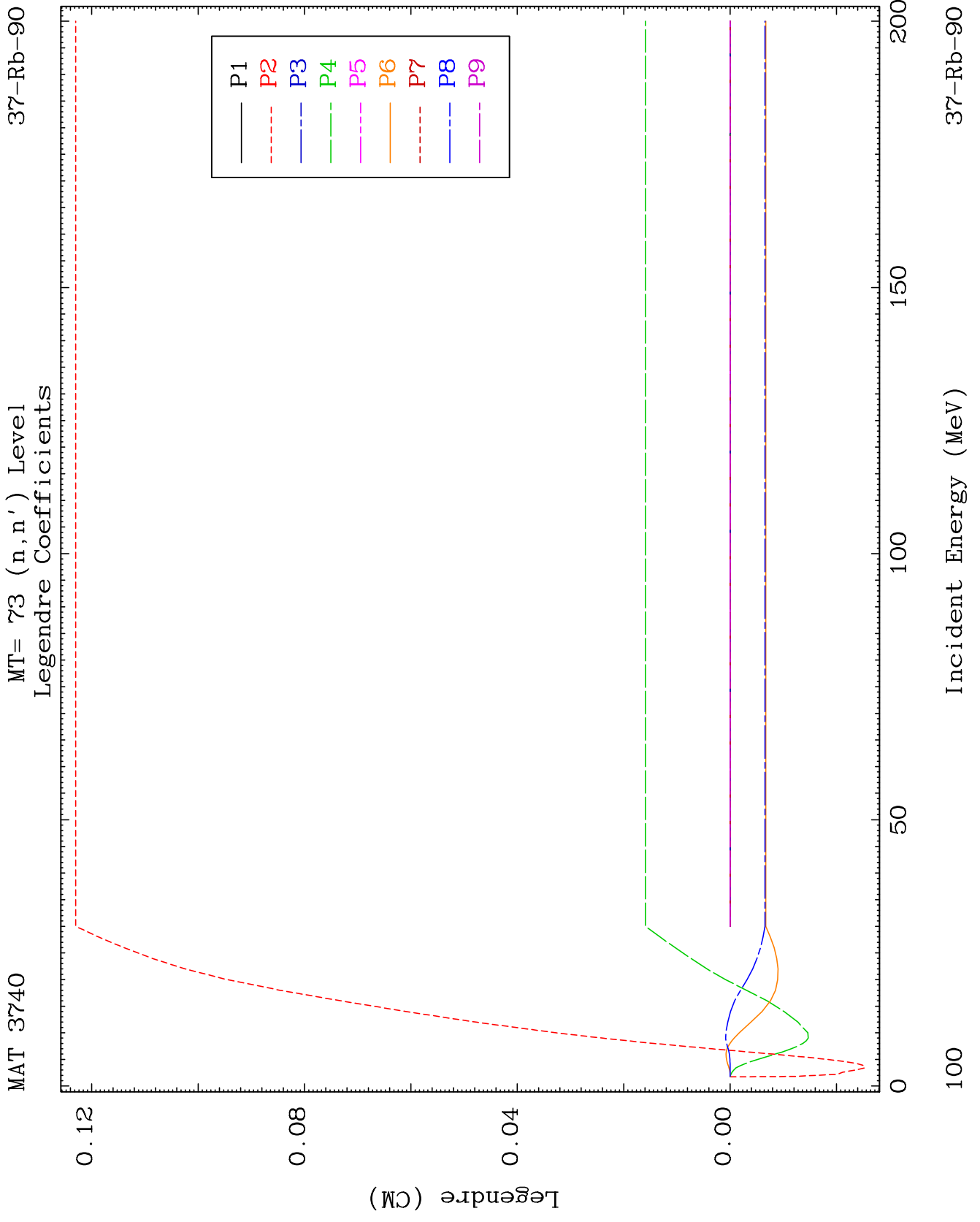


98

Incident Energy (MeV)

37-Rb-90

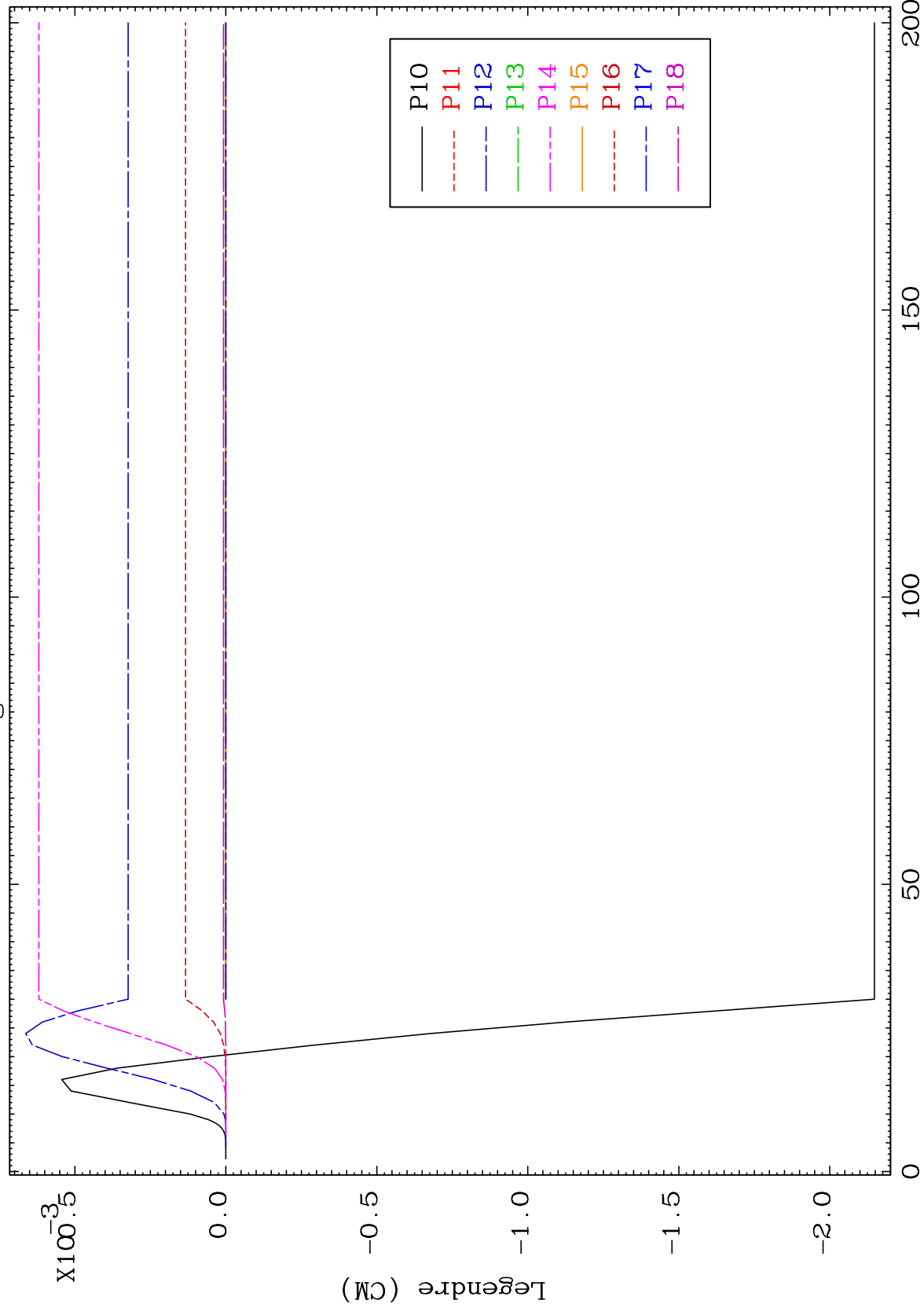




MAT 3740

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

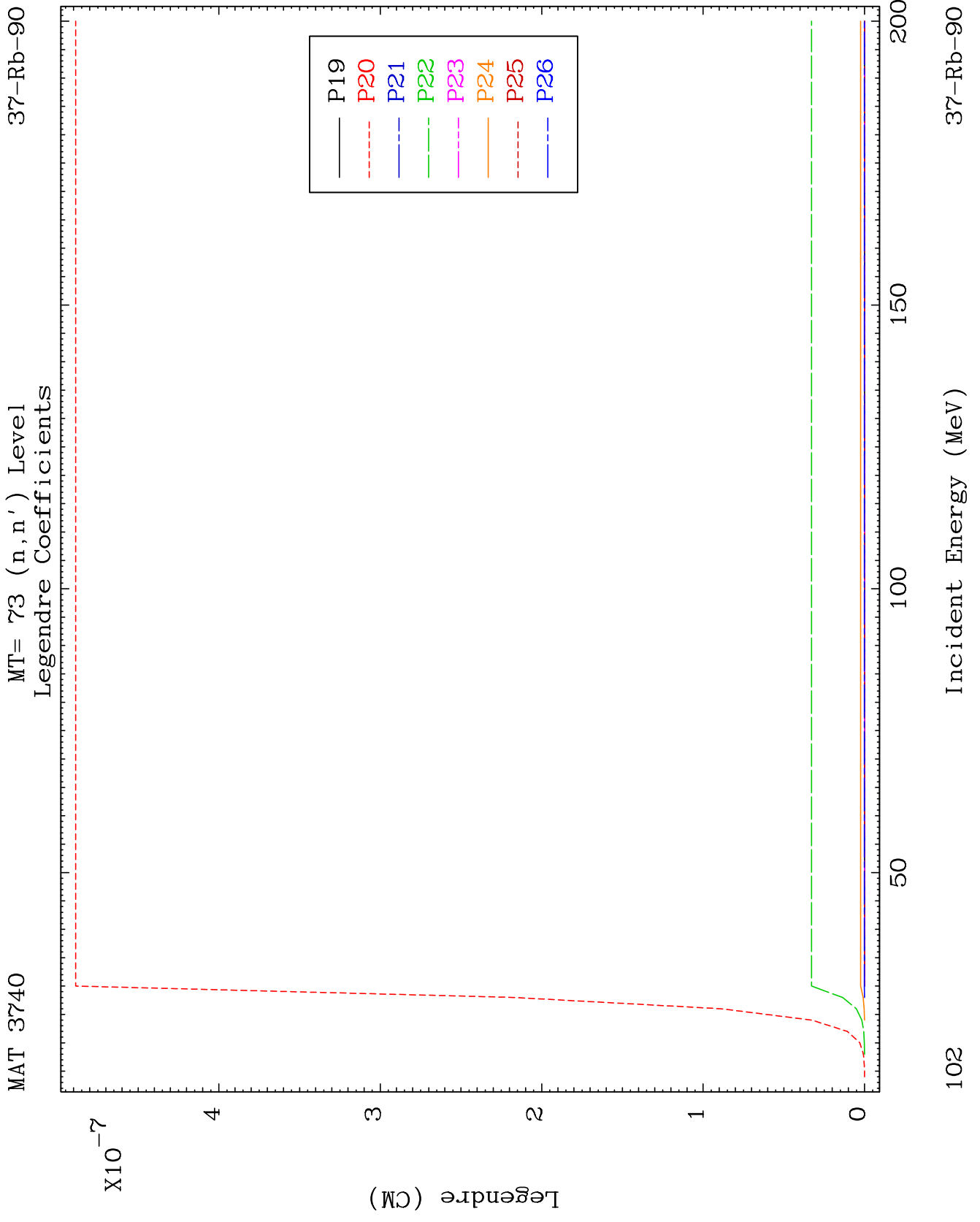
37-Rb-90

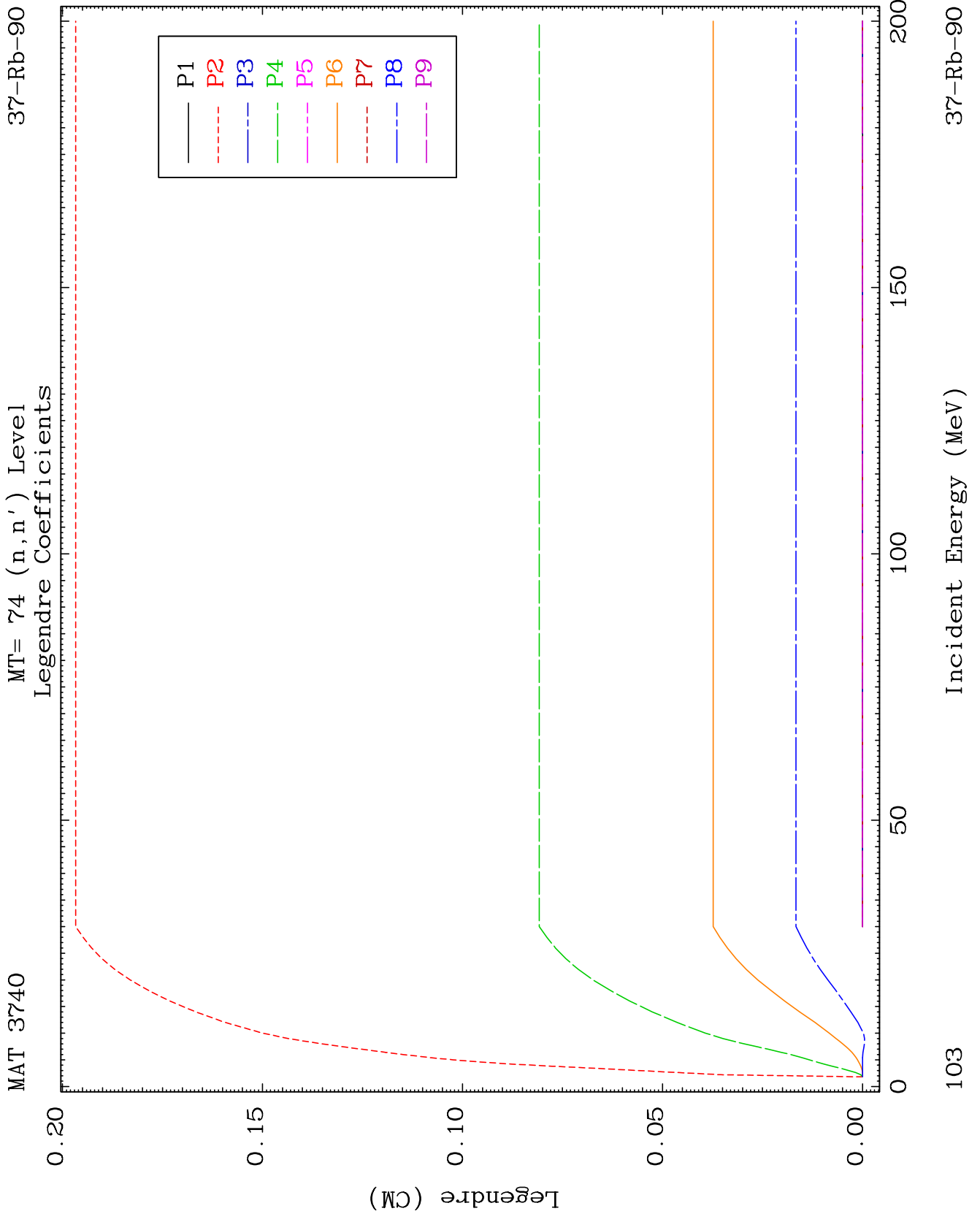


101

Incident Energy (MeV)

37-Rb-90

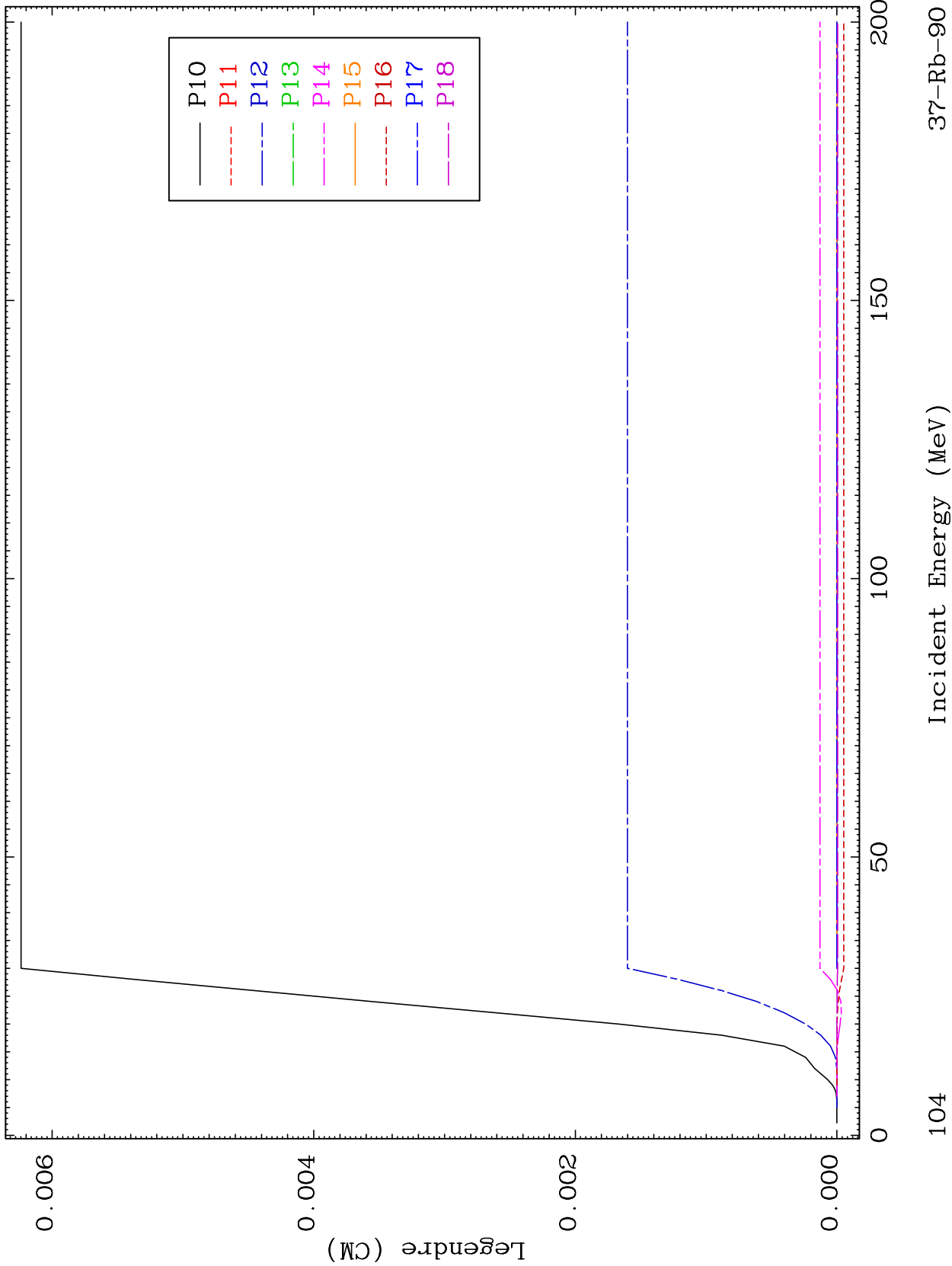




MAT 3740

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

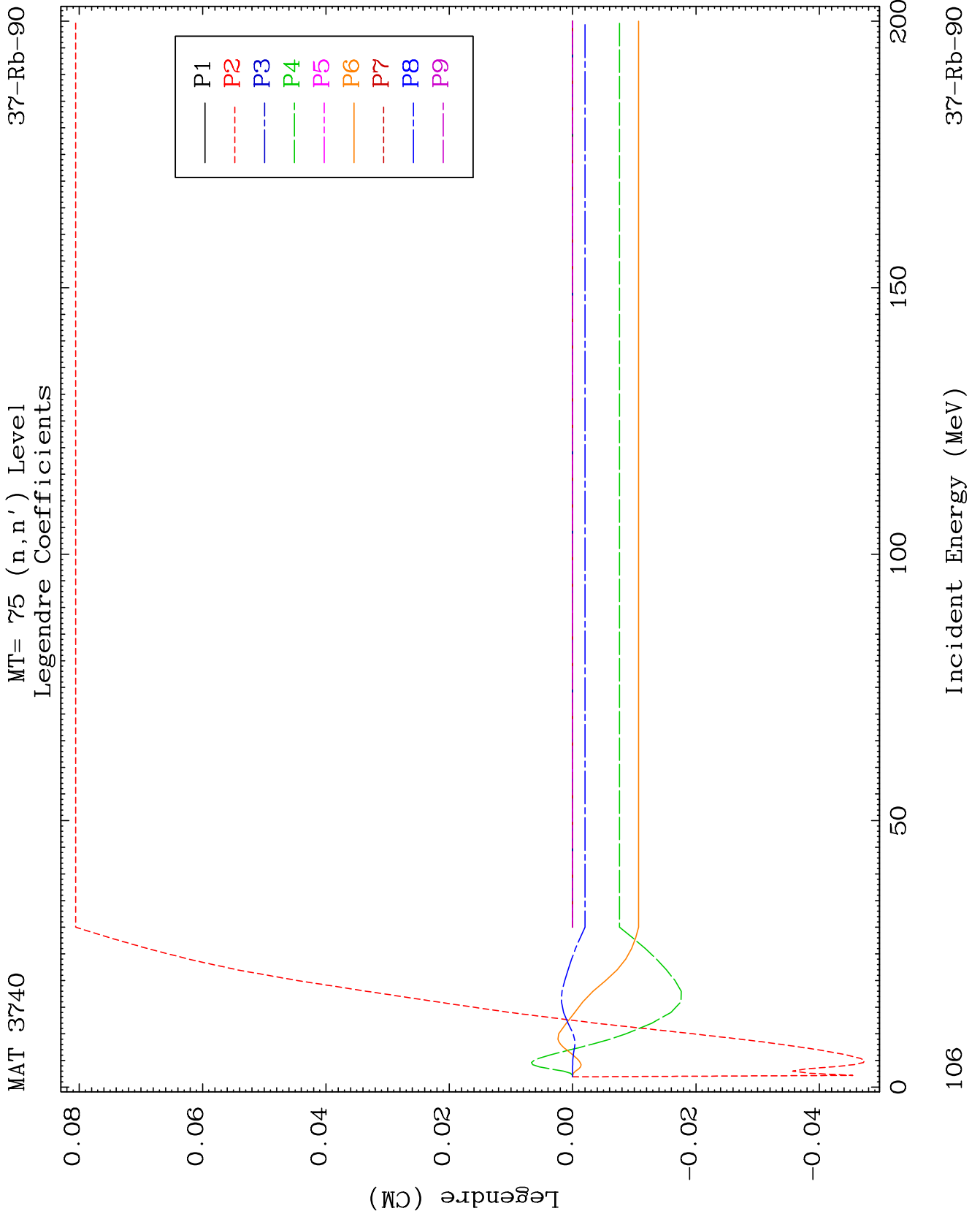
37-Rb-90



104

Incident Energy (MeV)

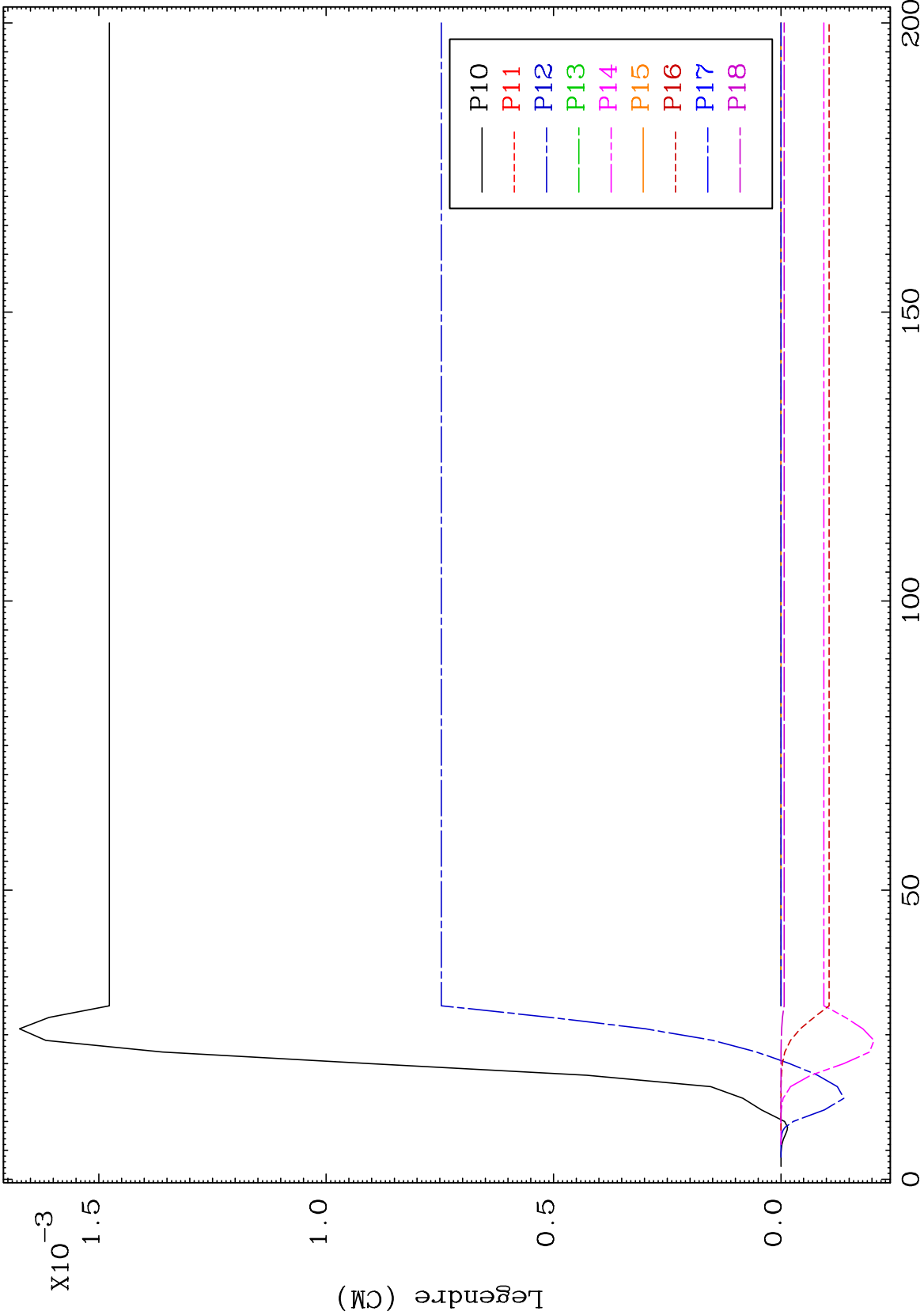
37-Rb-90



MAT 3740

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

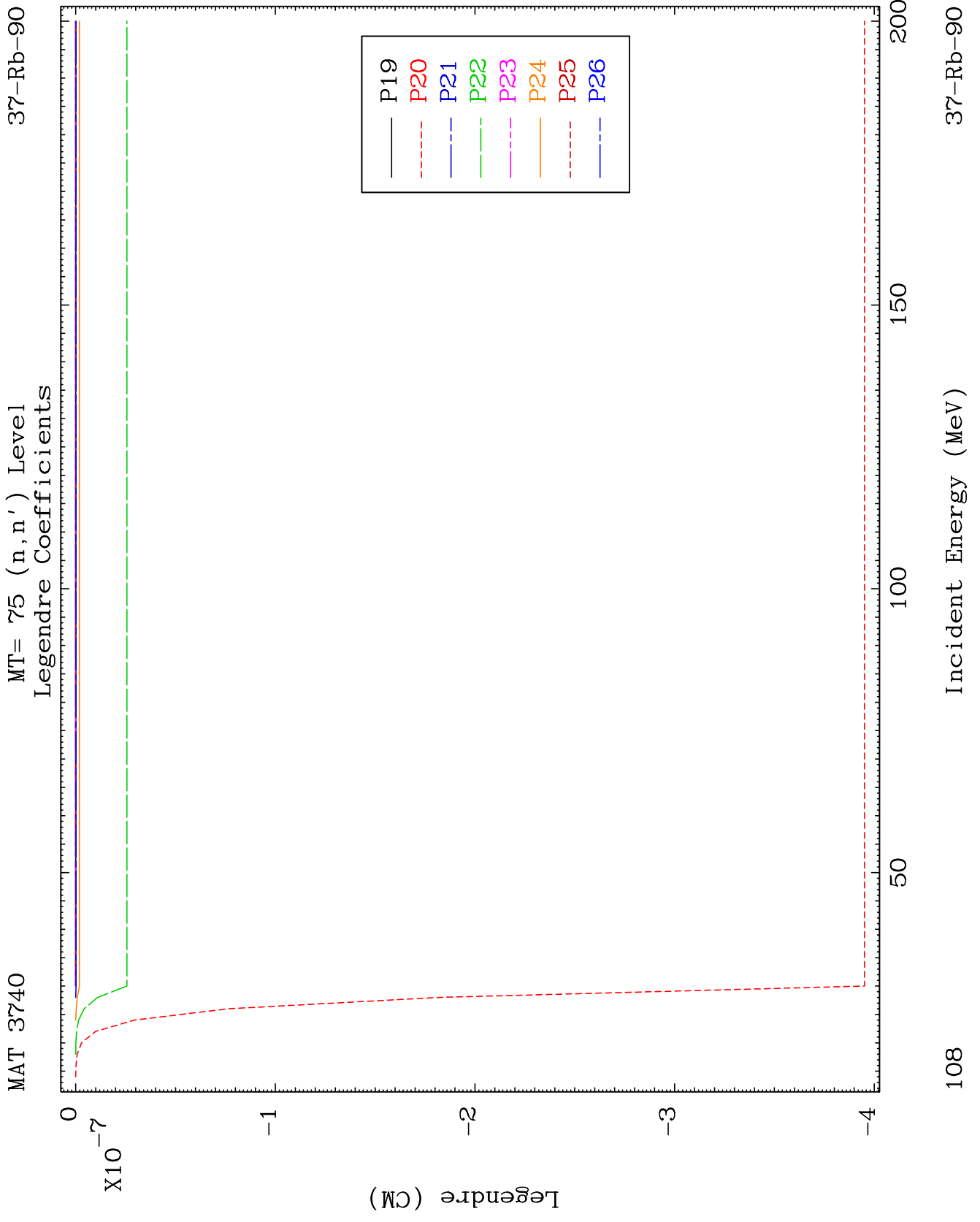
37-Rb-90

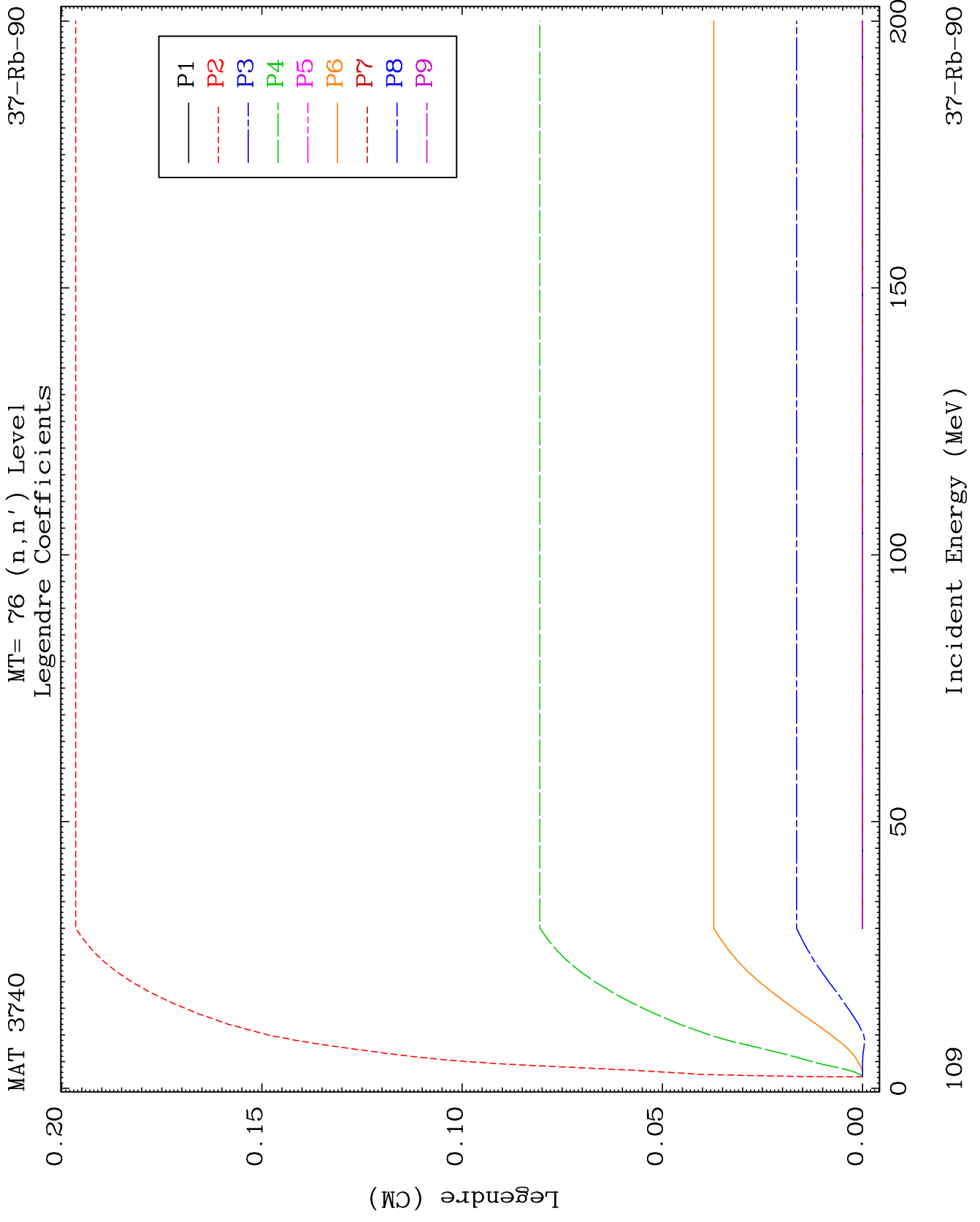


107

Incident Energy (MeV)

37-Rb-90

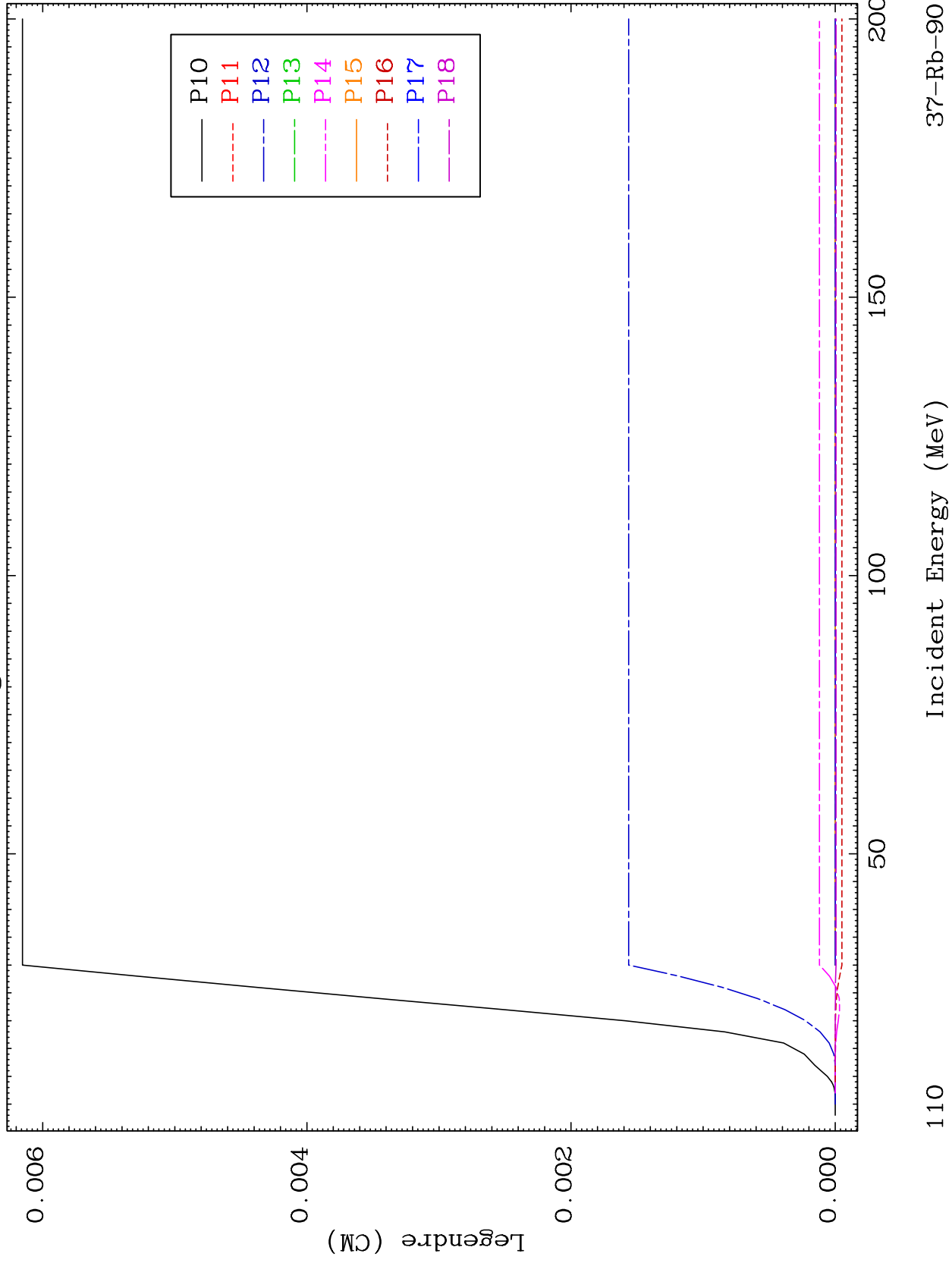




MAT 3740

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

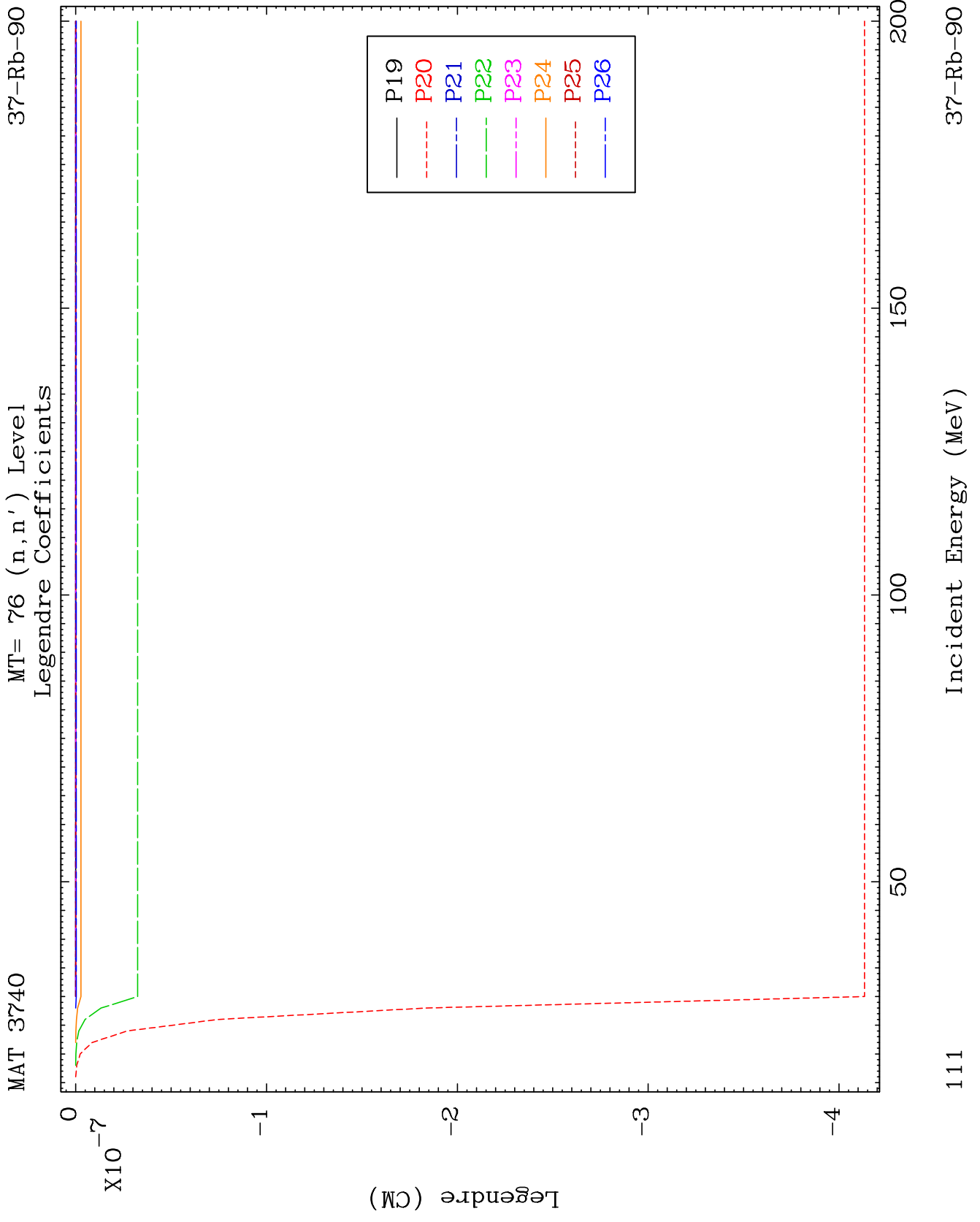
37-Rb-90

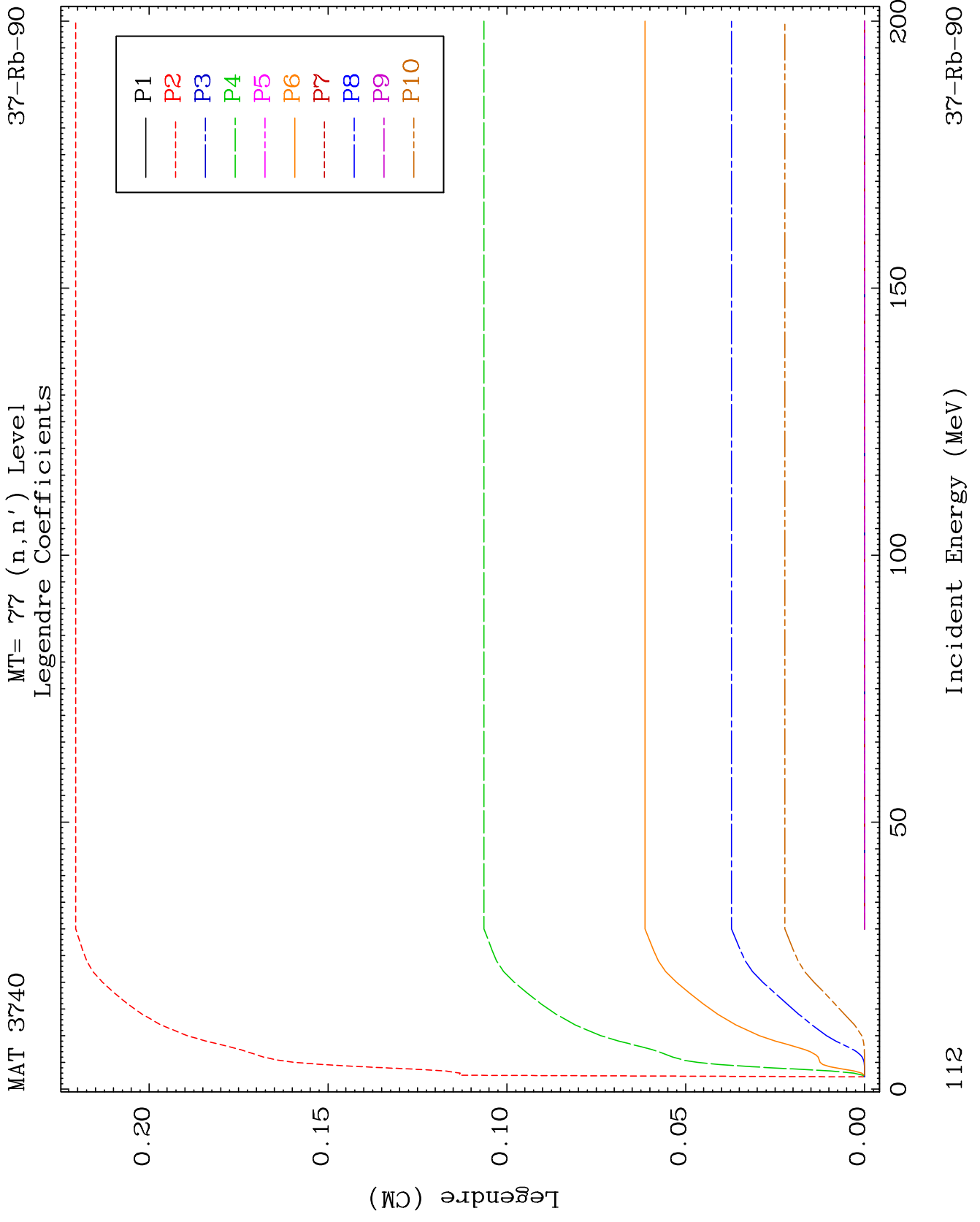


37-Rb-90

Incident Energy (MeV)

110

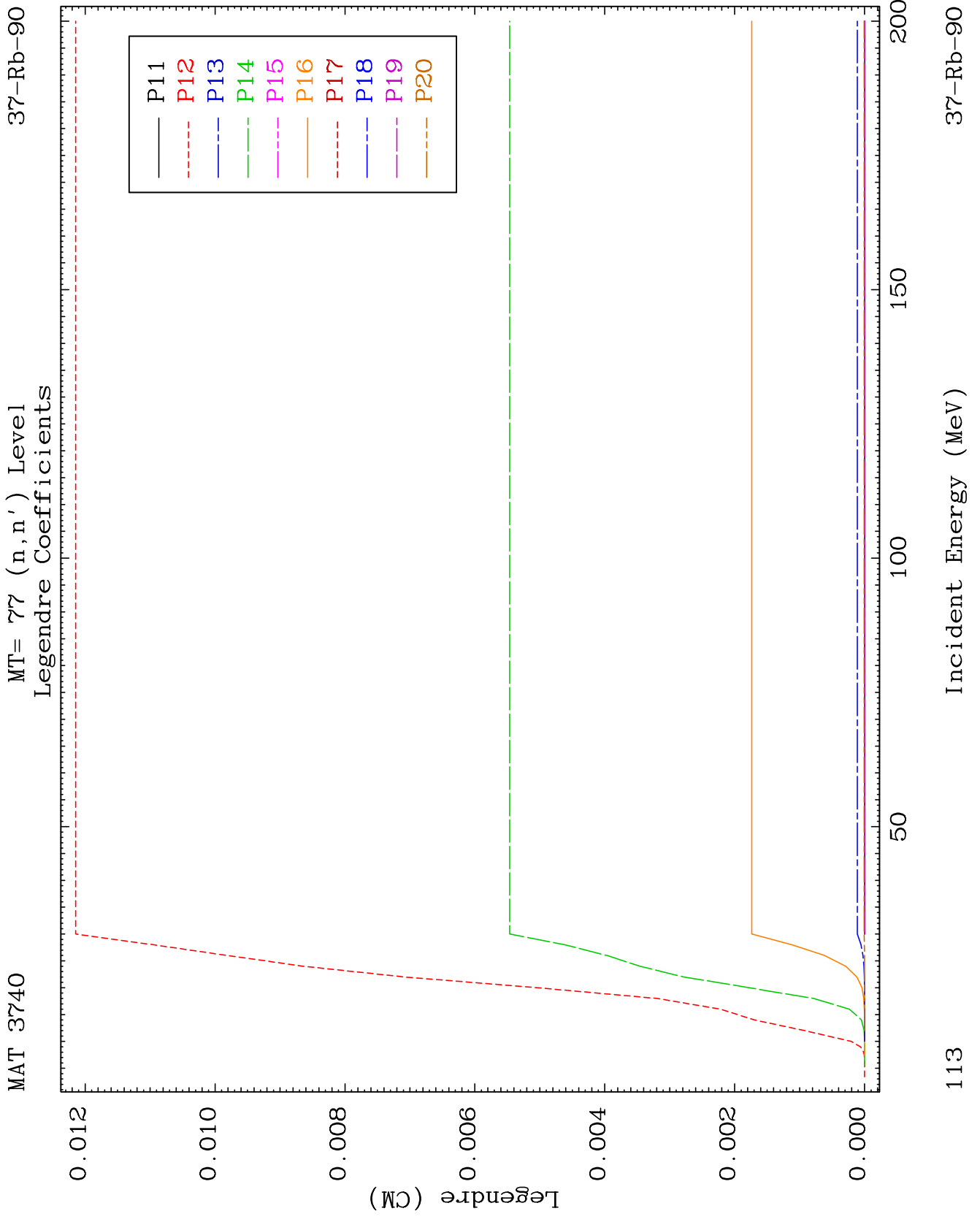


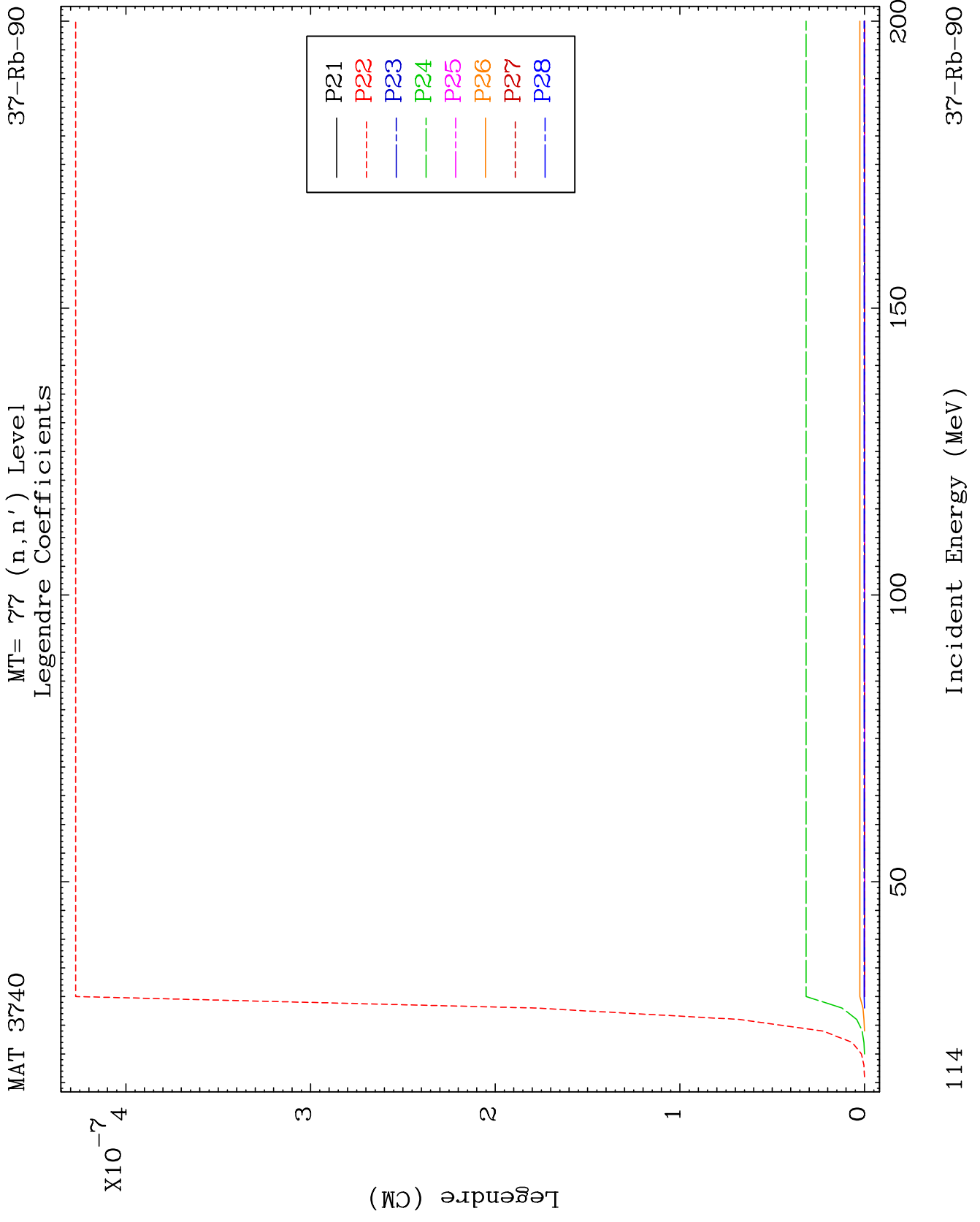


37-Rb-90

Incident Energy (MeV)

112

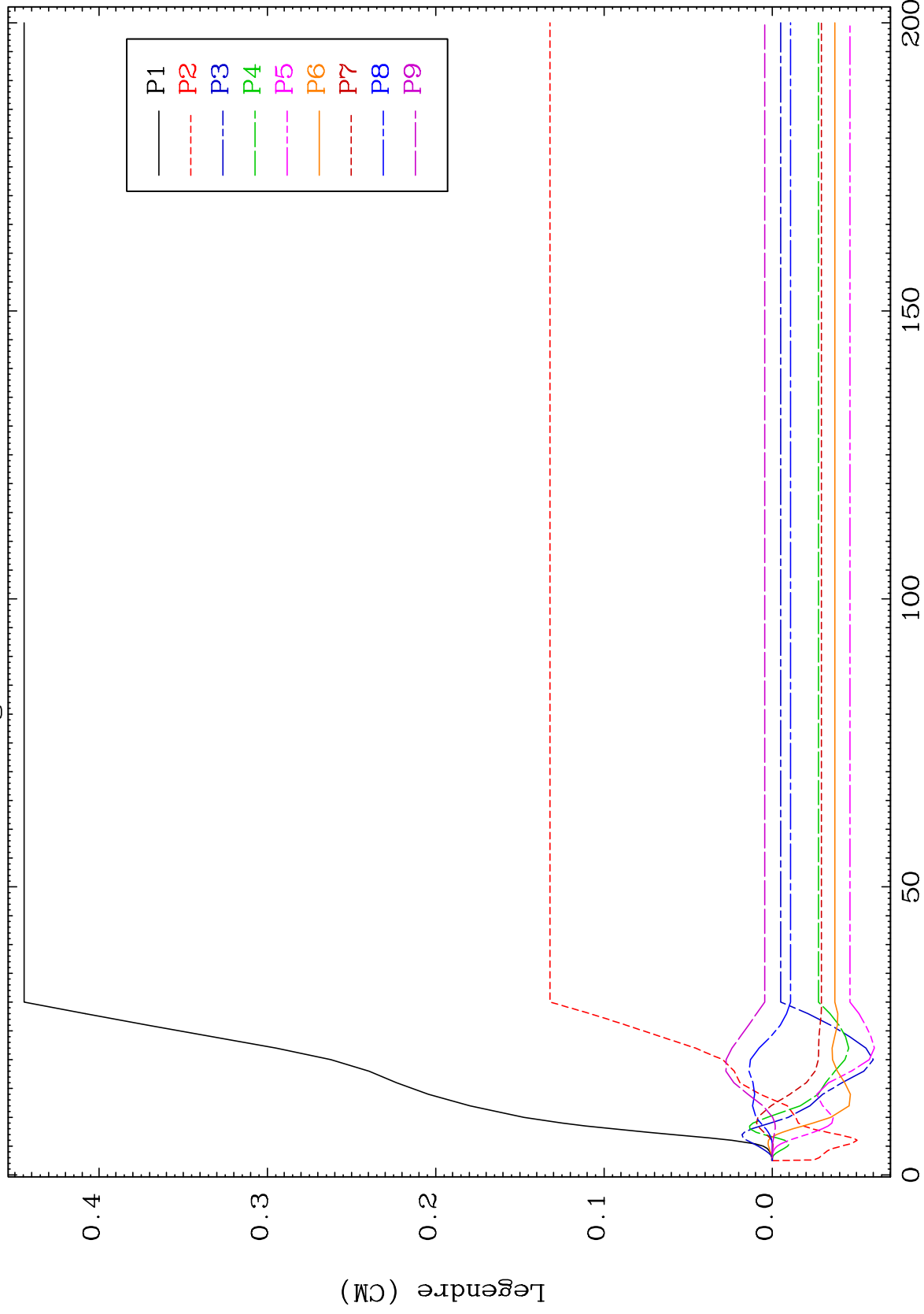




MAT 3740

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

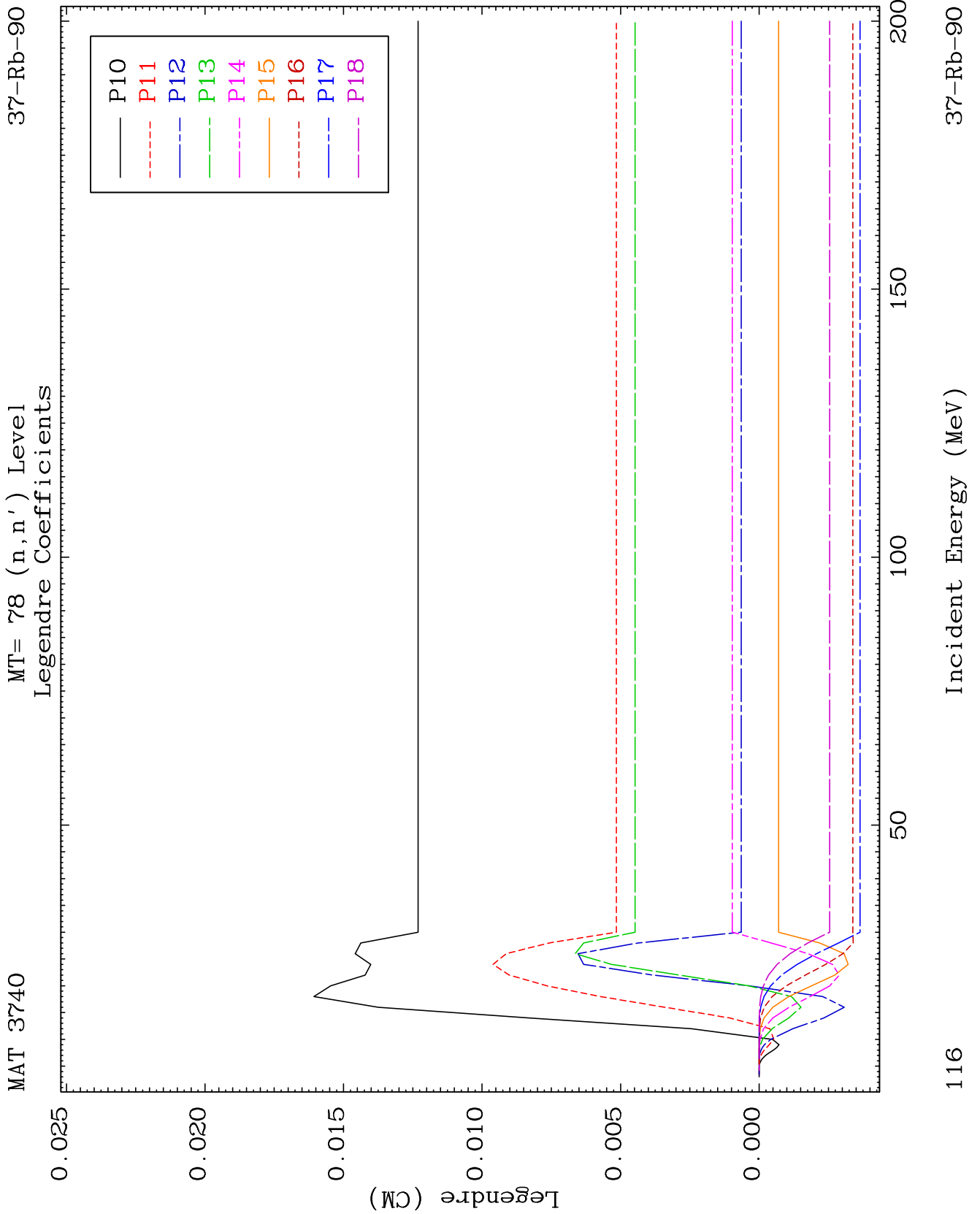
37-Rb-90

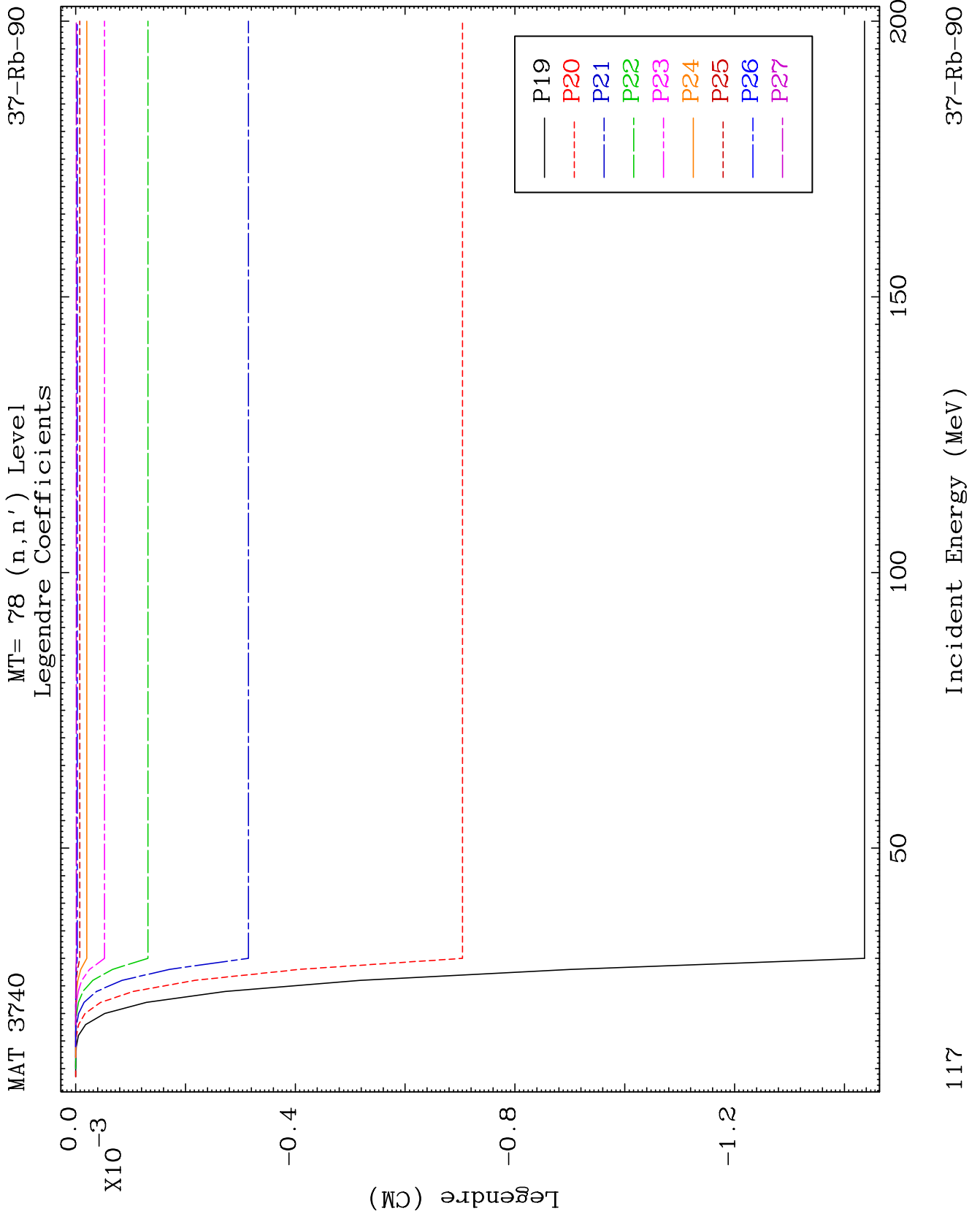


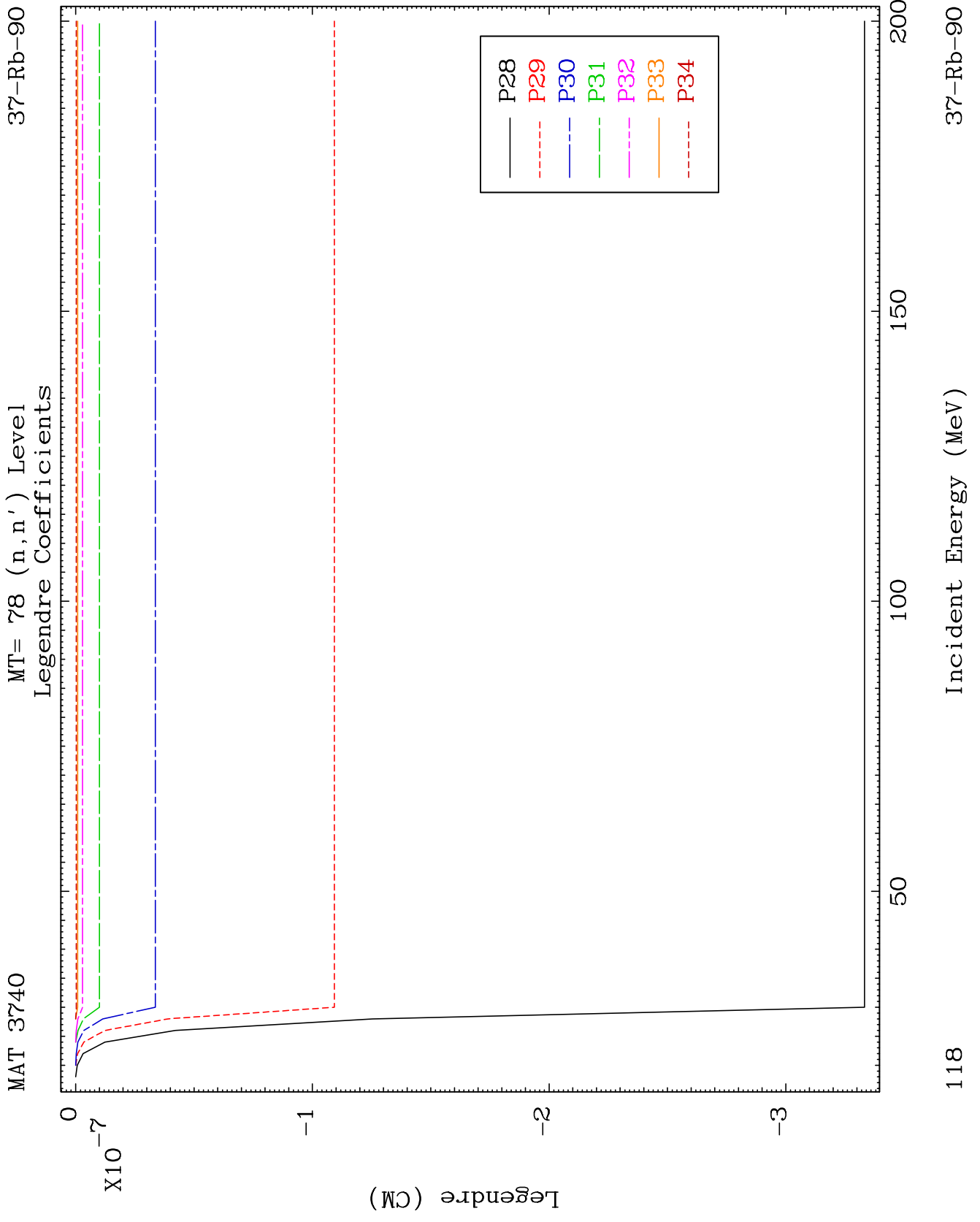
115

Incident Energy (MeV)

37-Rb-90



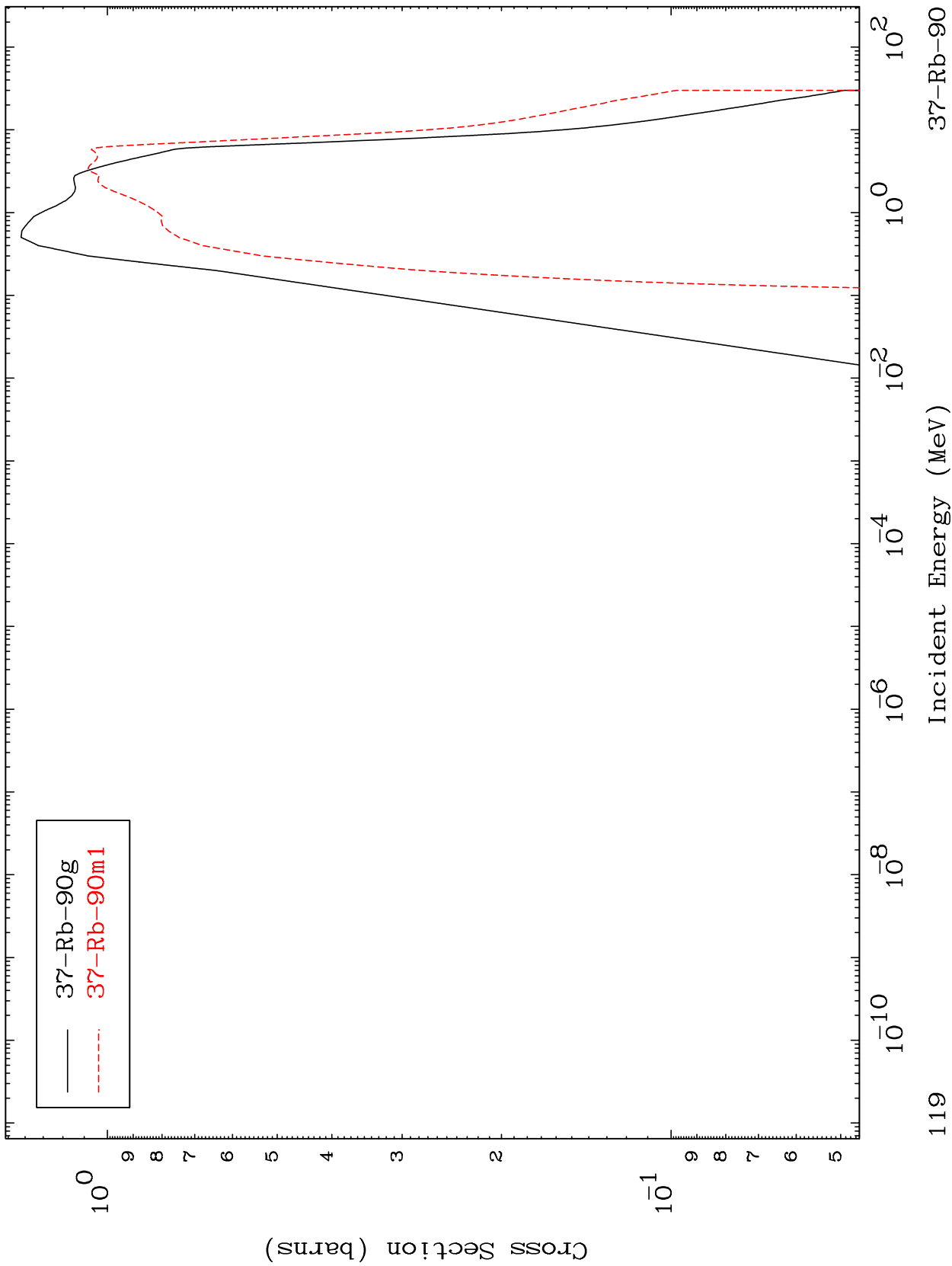




MAT 3740

³⁷Rb-90

Inelastic
Radionuclide Production Cross Section

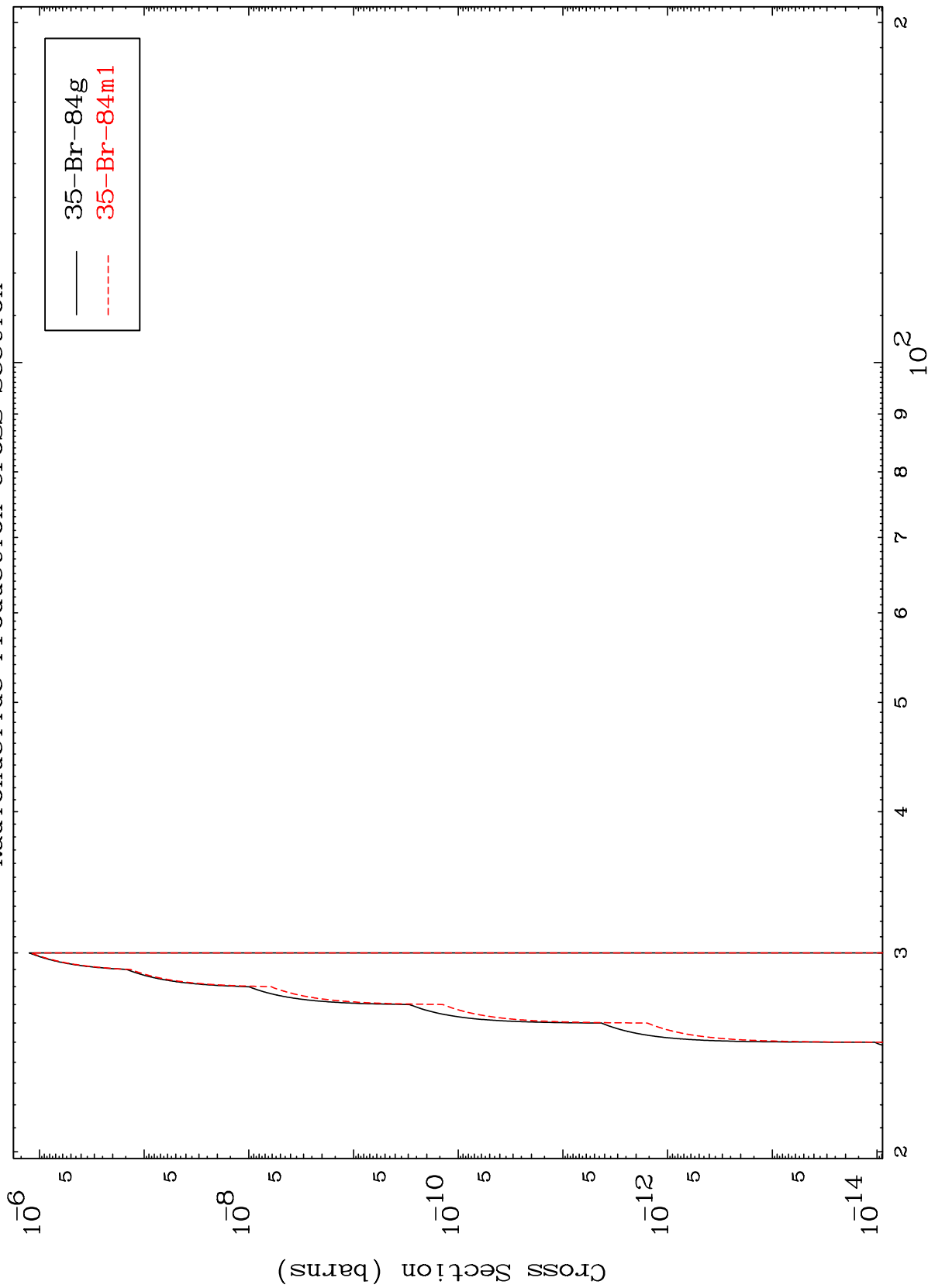


MAT 3740

(n,3n) α

37-Rb-90

Radionuclide Production Cross Section



120

Incident Energy (MeV)

37-Rb-90