

Program EVALPLOT
(Version 2015-2)

by

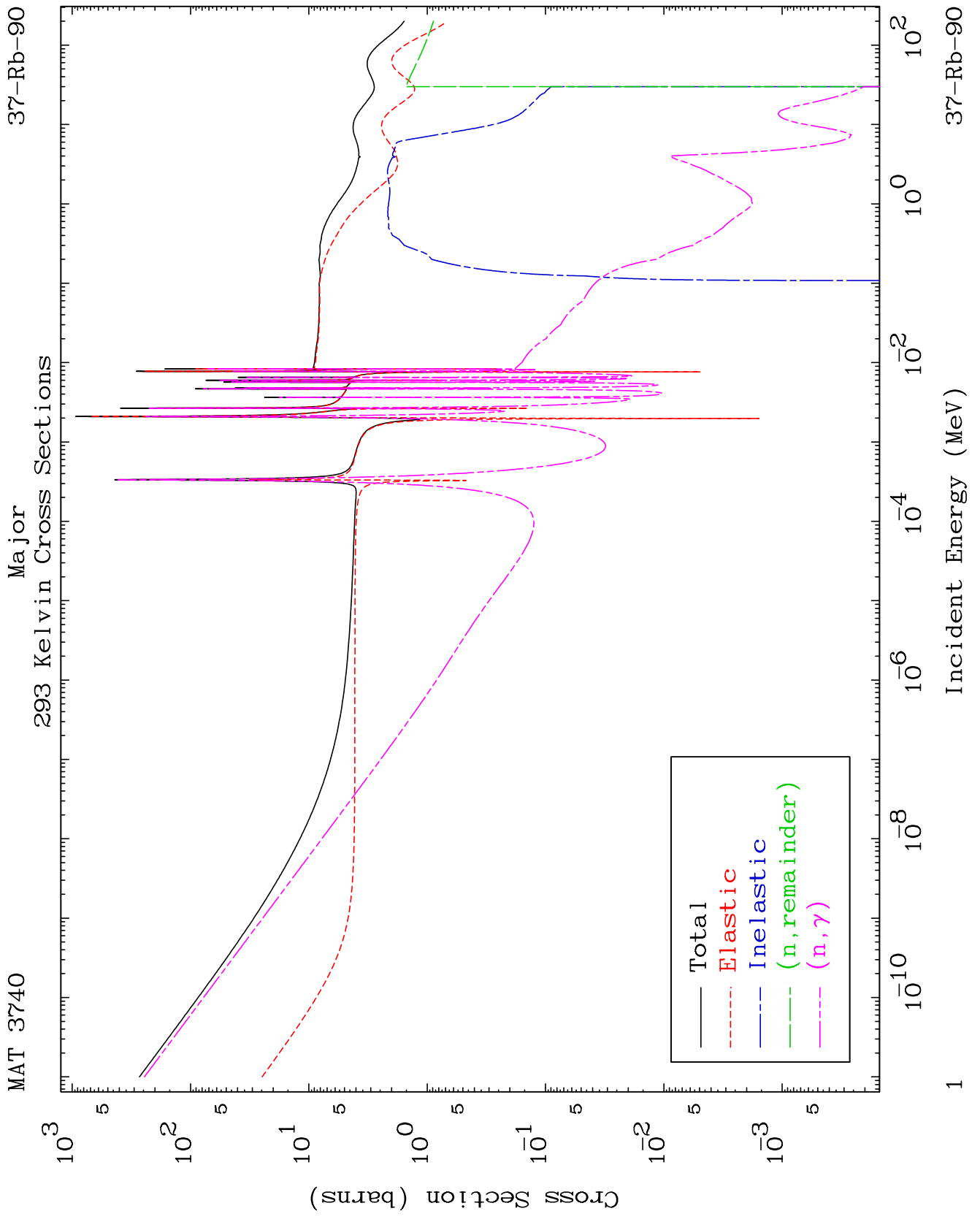
Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

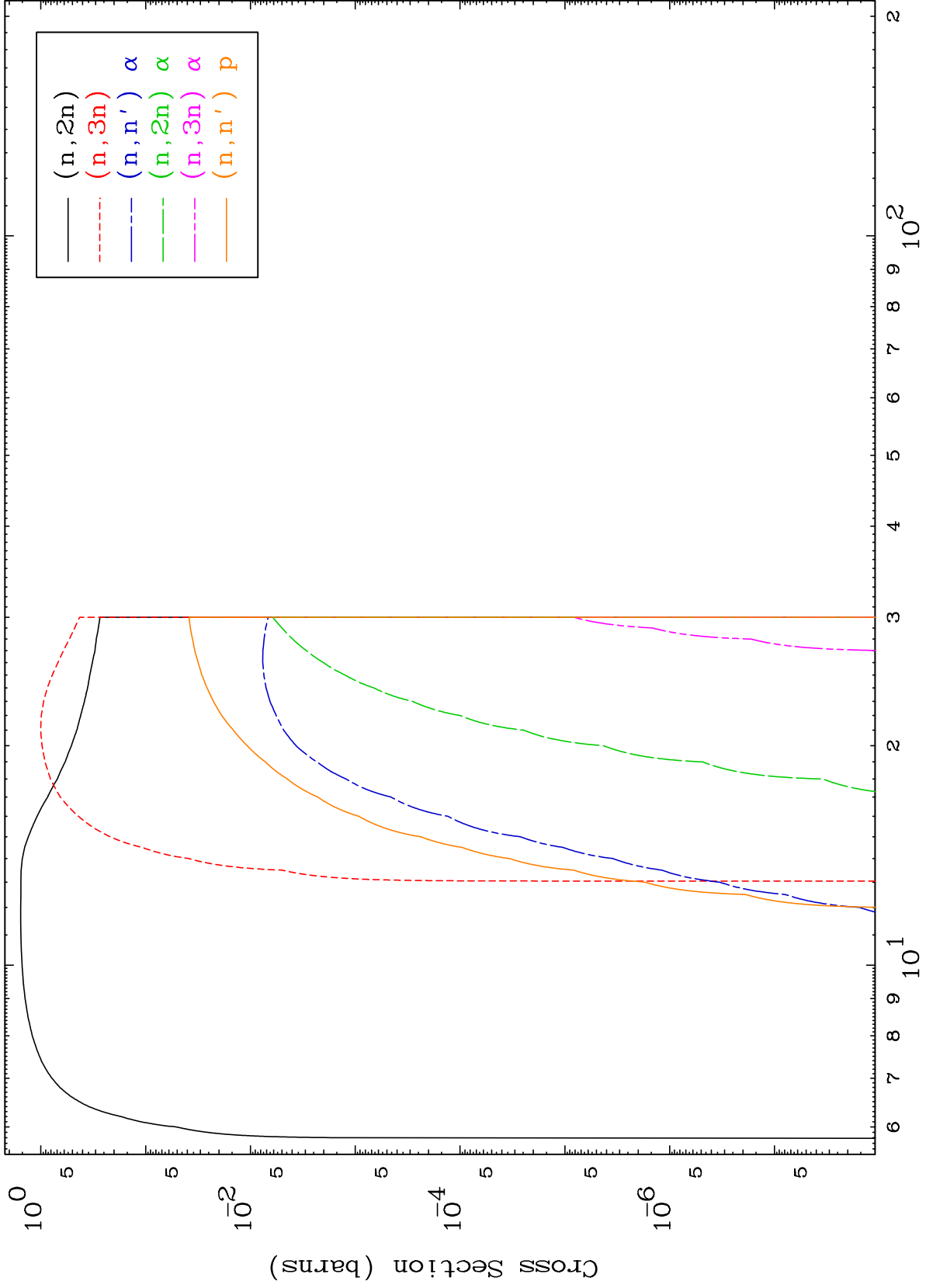
Press Mouse Button to Start



MAT 3740

Neutron Production
293 Kelvin Cross Sections

37-Rb-90



2

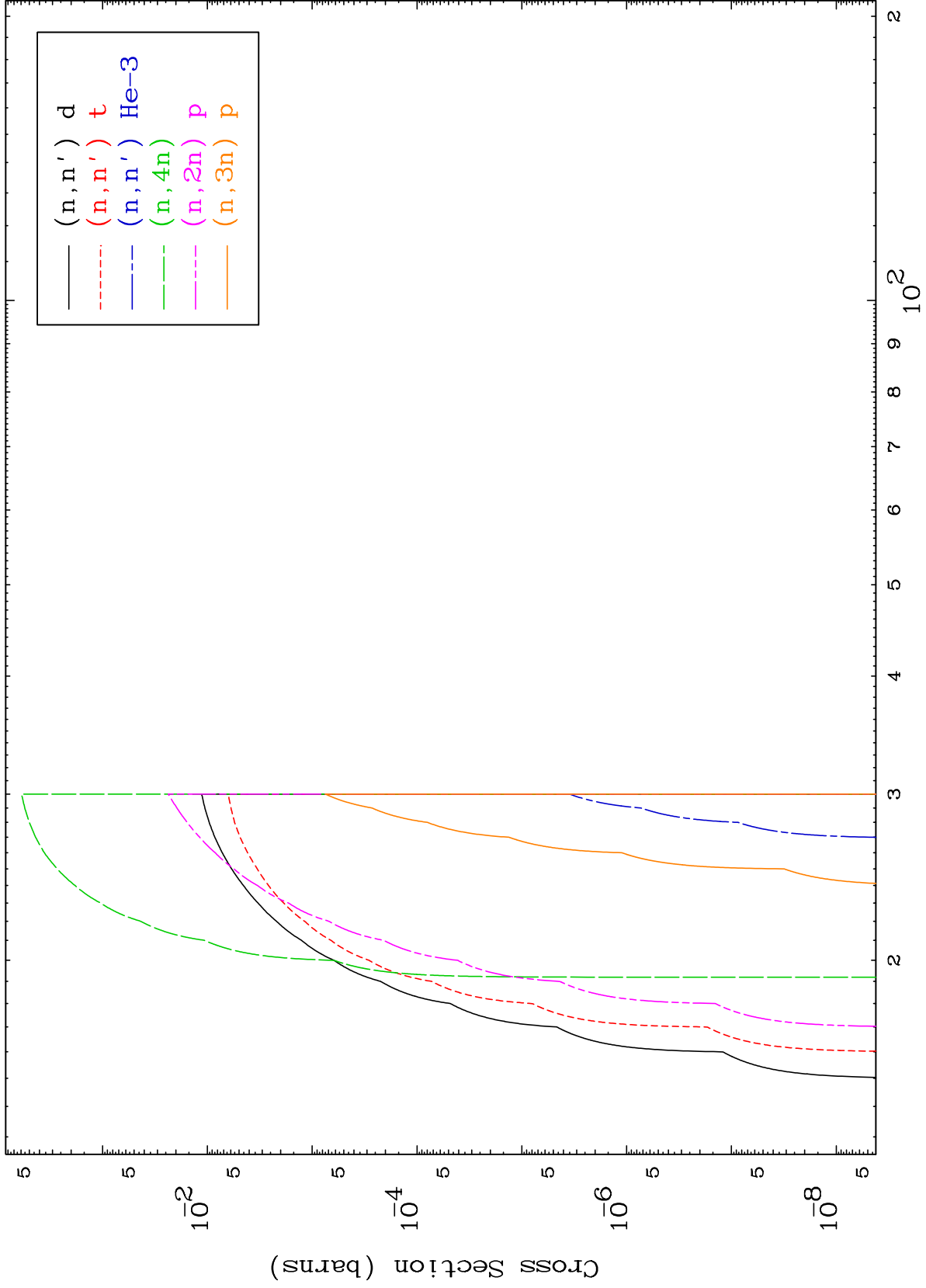
Incident Energy (MeV)

37-Rb-90

MAT 3740

Neutron Production
293 Kelvin Cross Sections

37-Rb-90



3

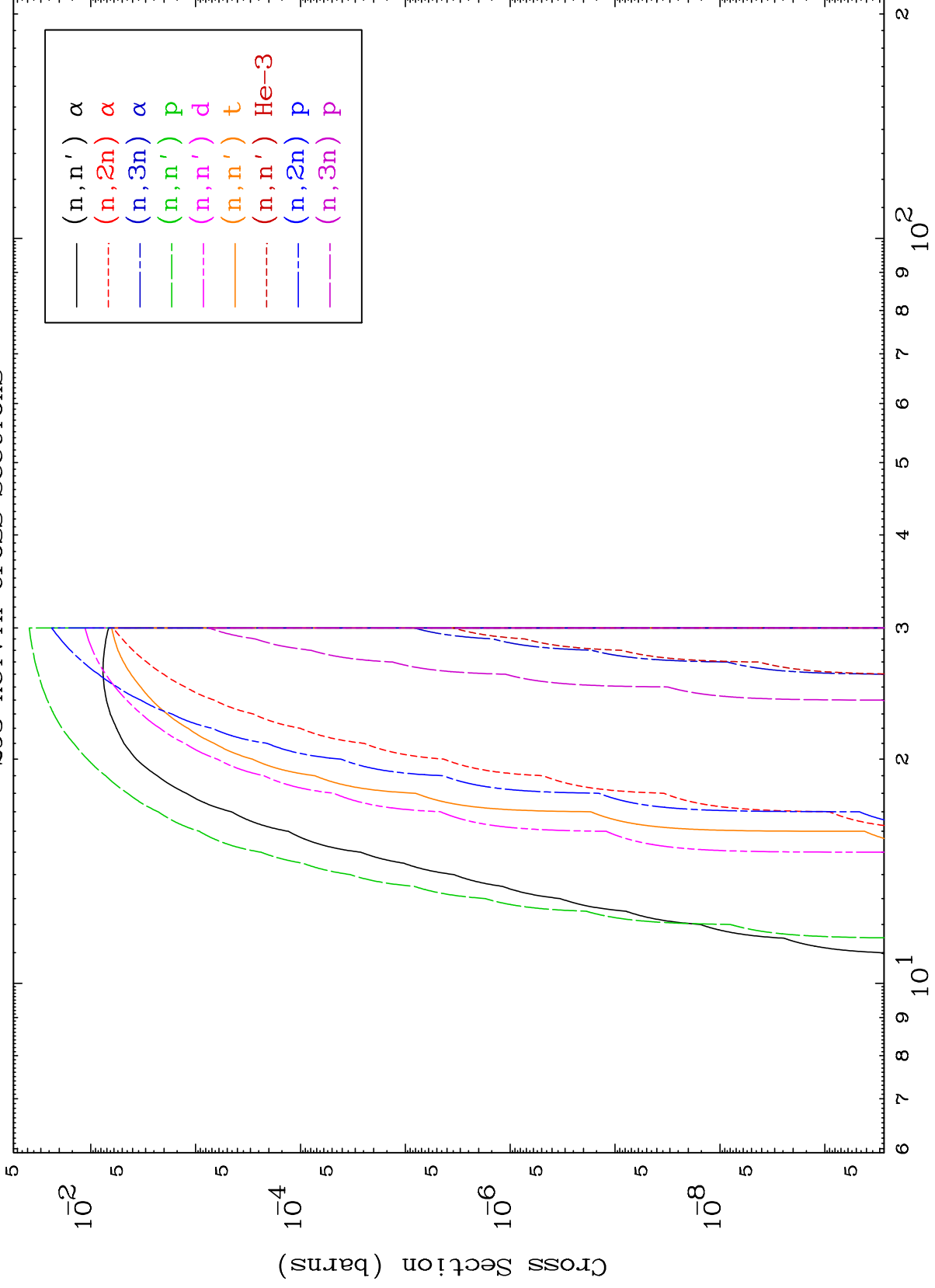
Incident Energy (MeV)

37-Rb-90

MAT 3740

Charged Particle
293 Kelvin Cross Sections

37-Rb-90



4

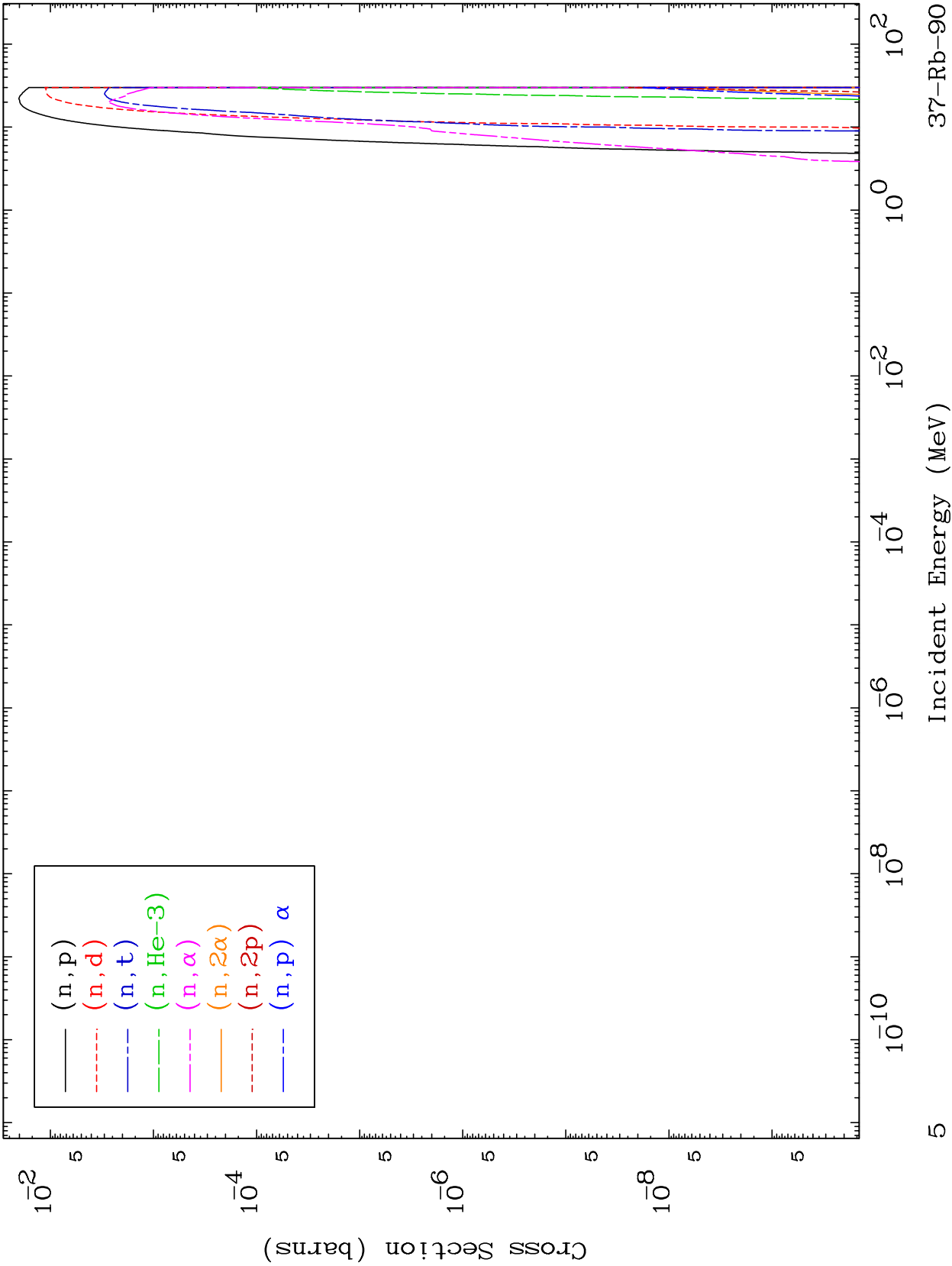
Incident Energy (MeV)

37-Rb-90

MAT 3740

Charged Particle
293 Kelvin Cross Sections

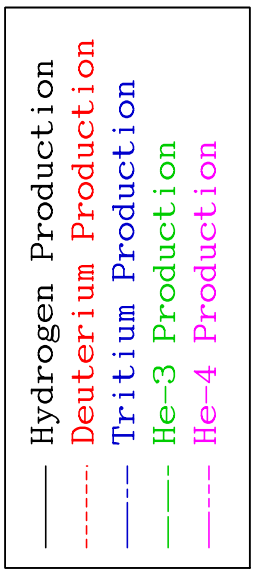
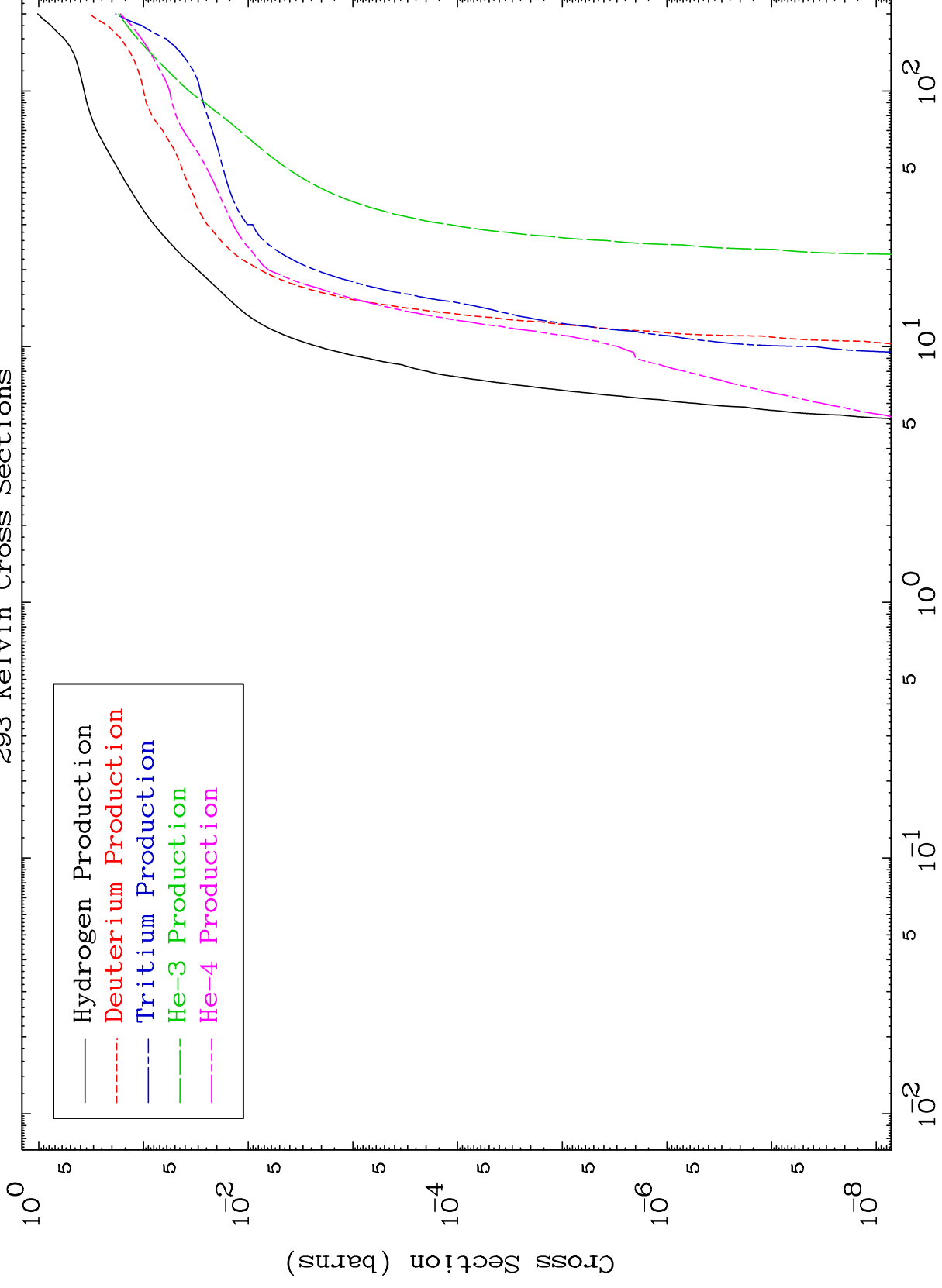
37-Rb-90



MAT 3740

Particle Production
293 Kelvin Cross Sections

37-Rb-90



37-Rb-90

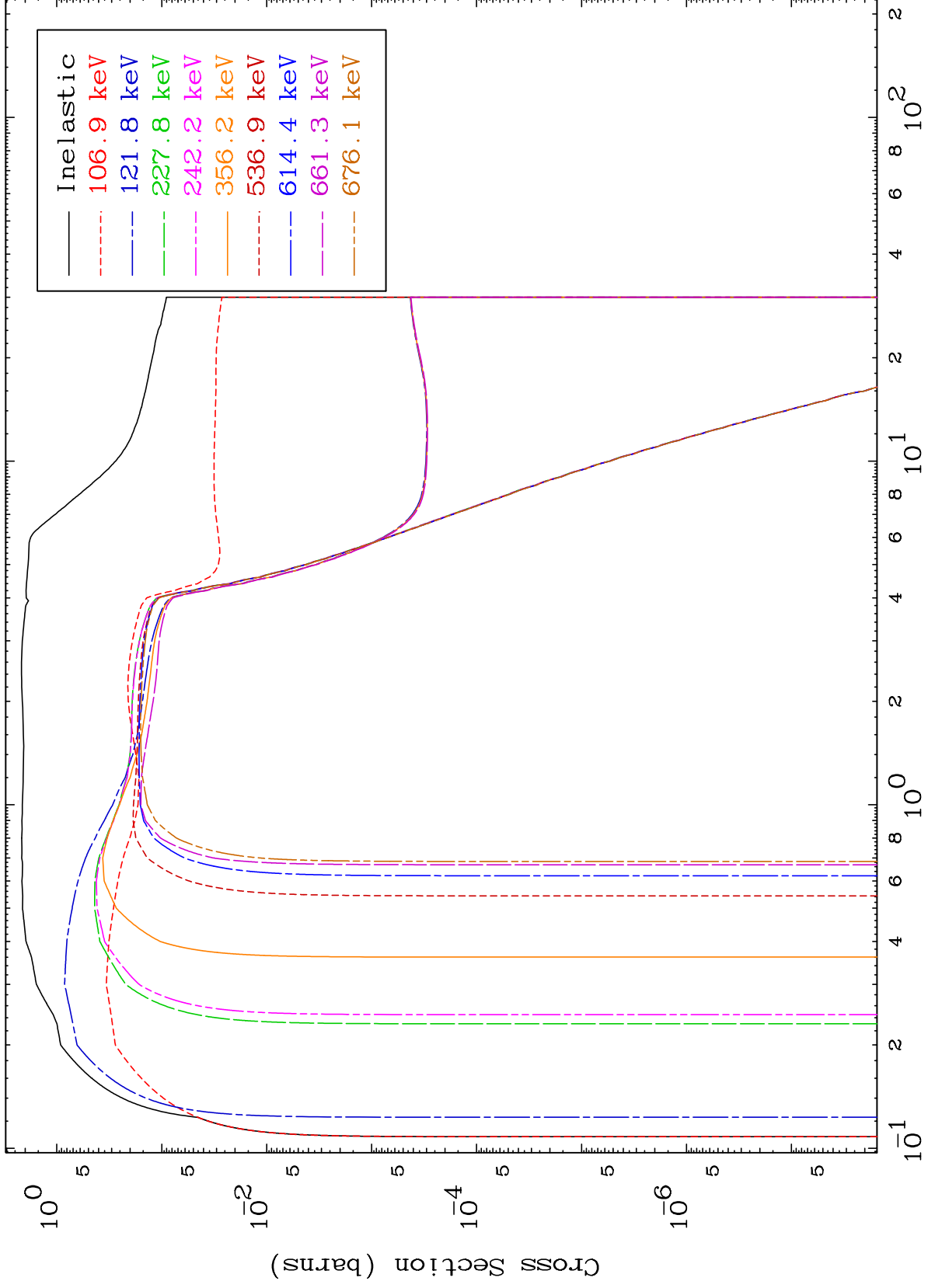
Incident Energy (MeV)

6

MAT 3740

(n,n') Level
293 Kelvin Cross Sections

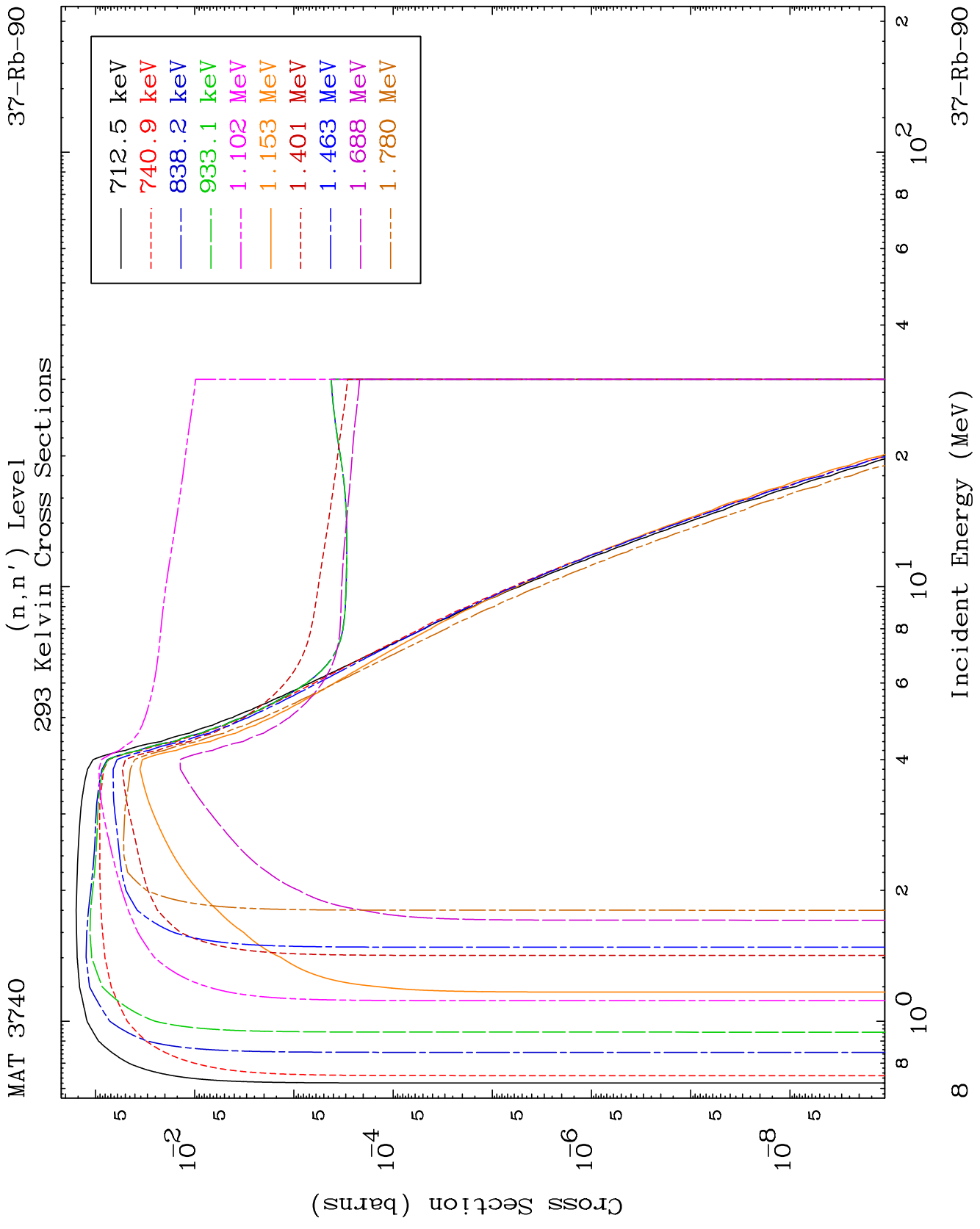
37-Rb-90



Incident Energy (MeV)

37-Rb-90

7

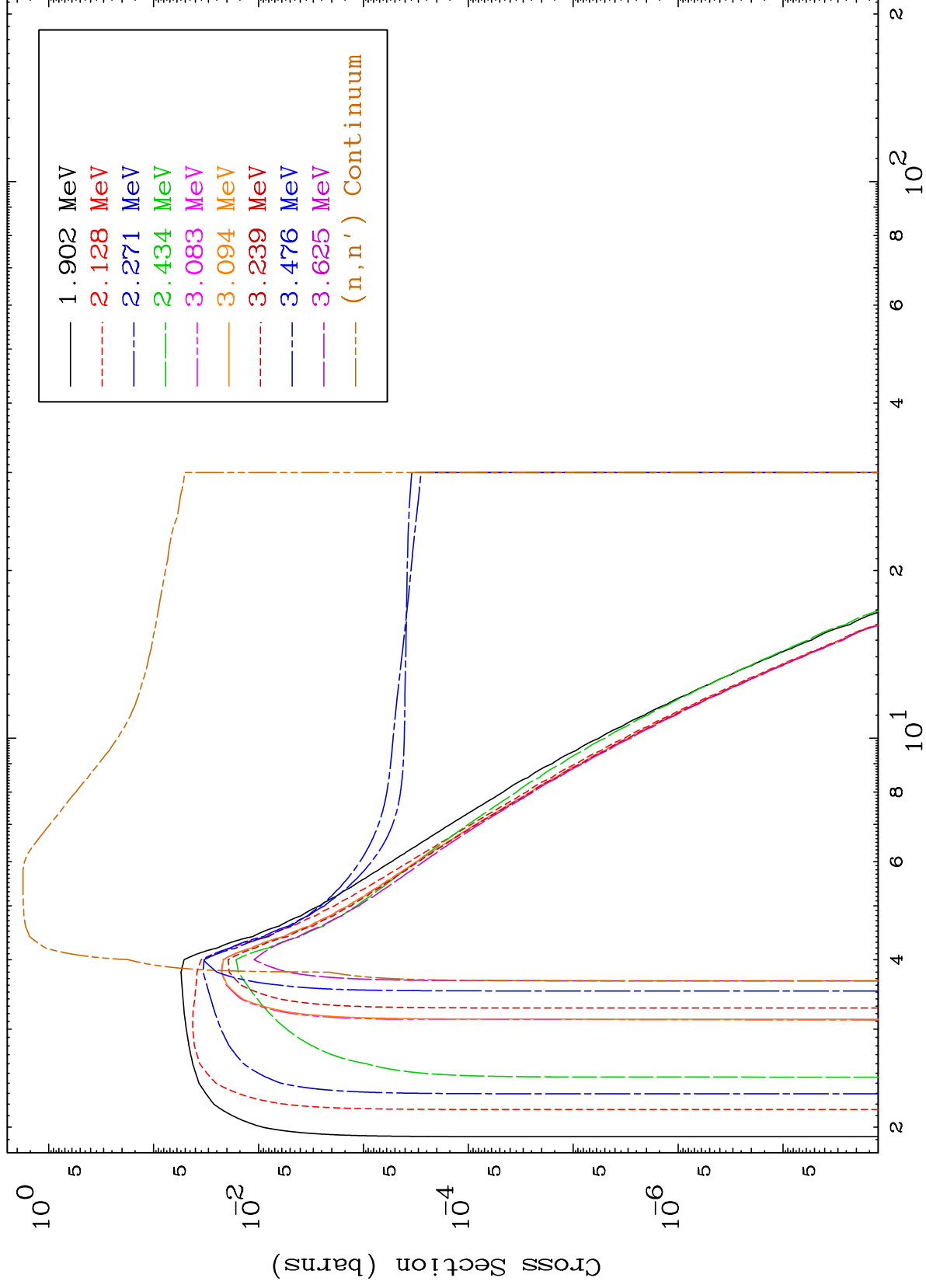


MAT 3740

(n,n') Level

37-Rb-90

293 Kelvin Cross Sections



9

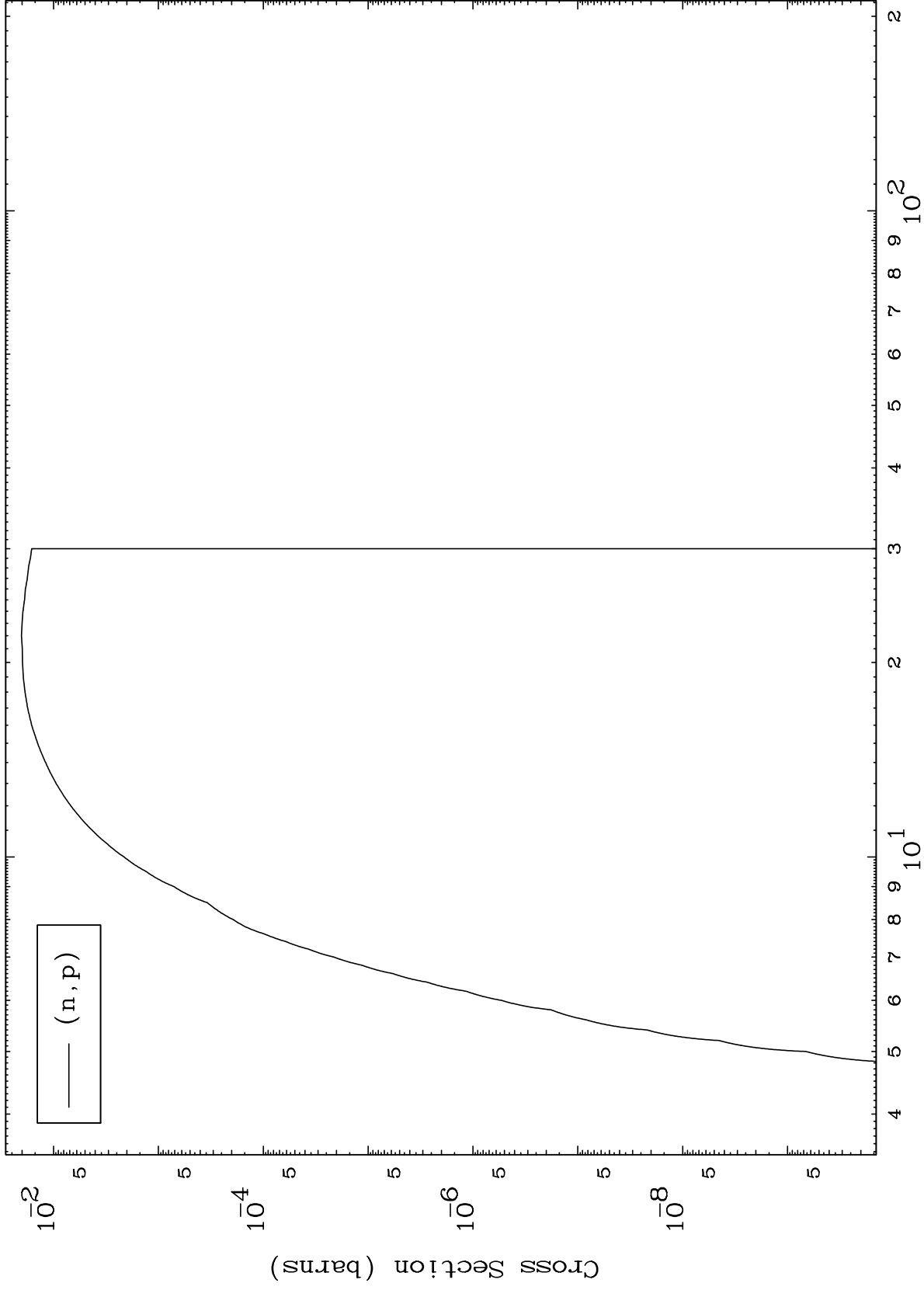
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-90



10

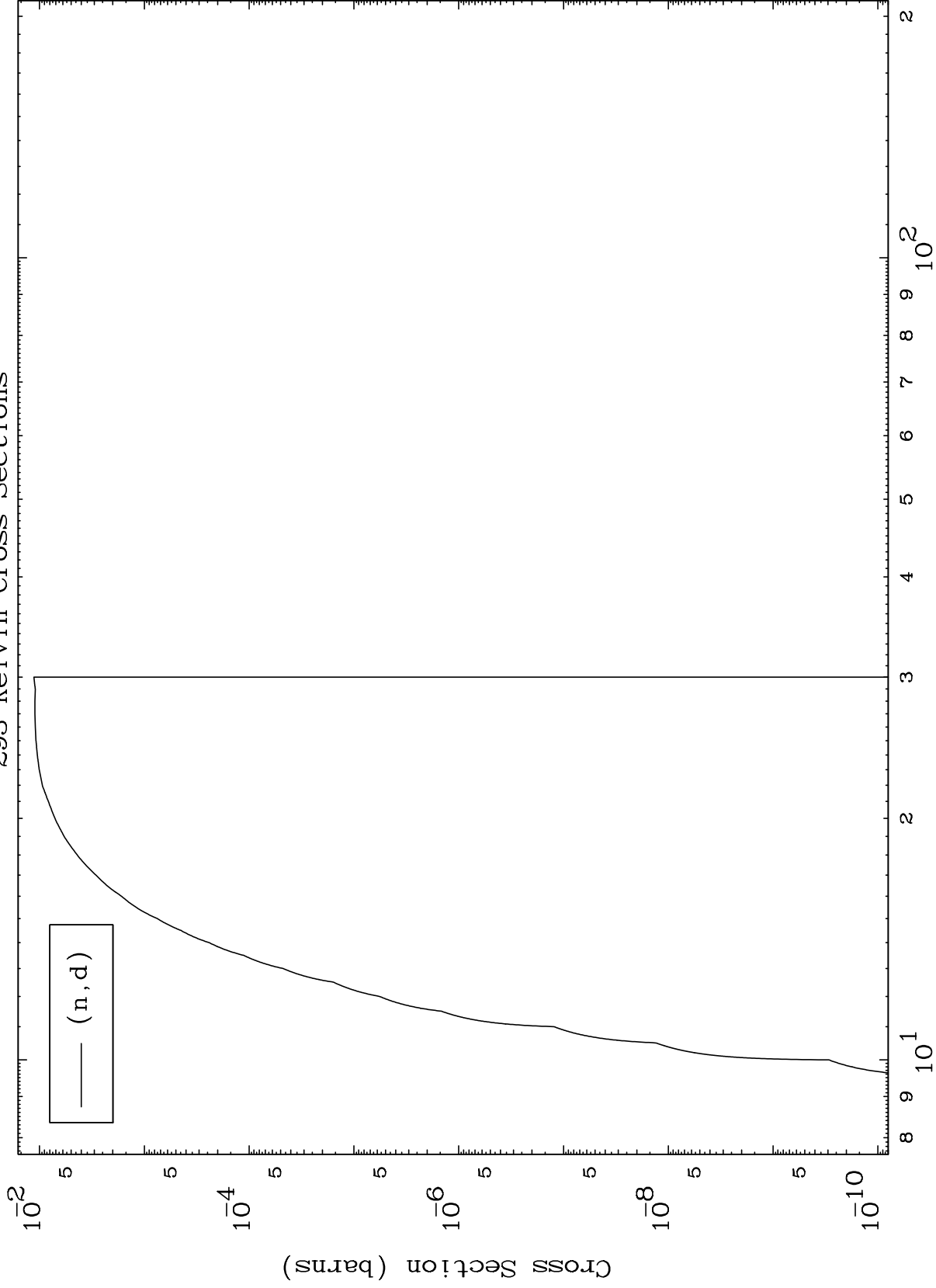
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-90



11

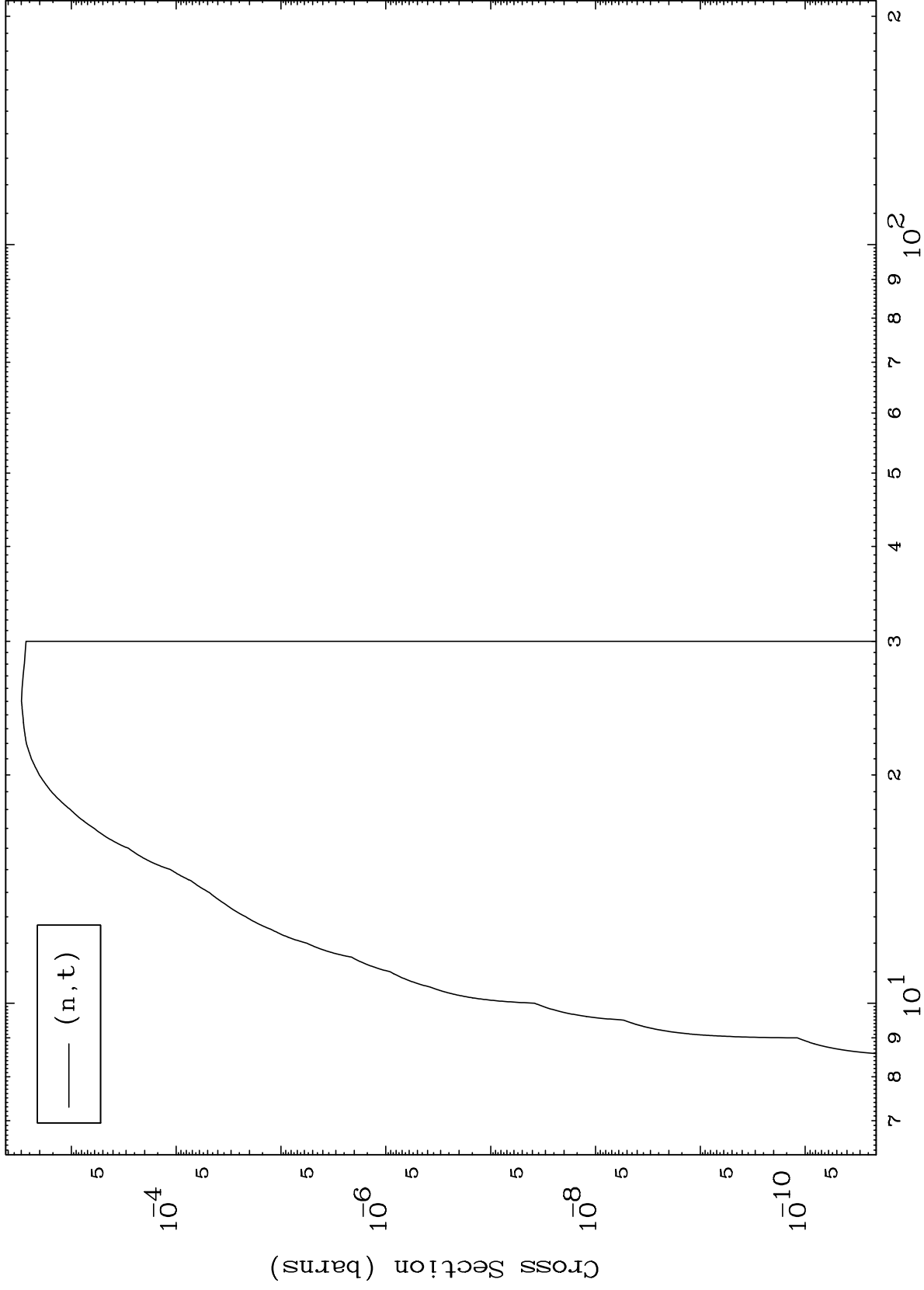
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-90



12

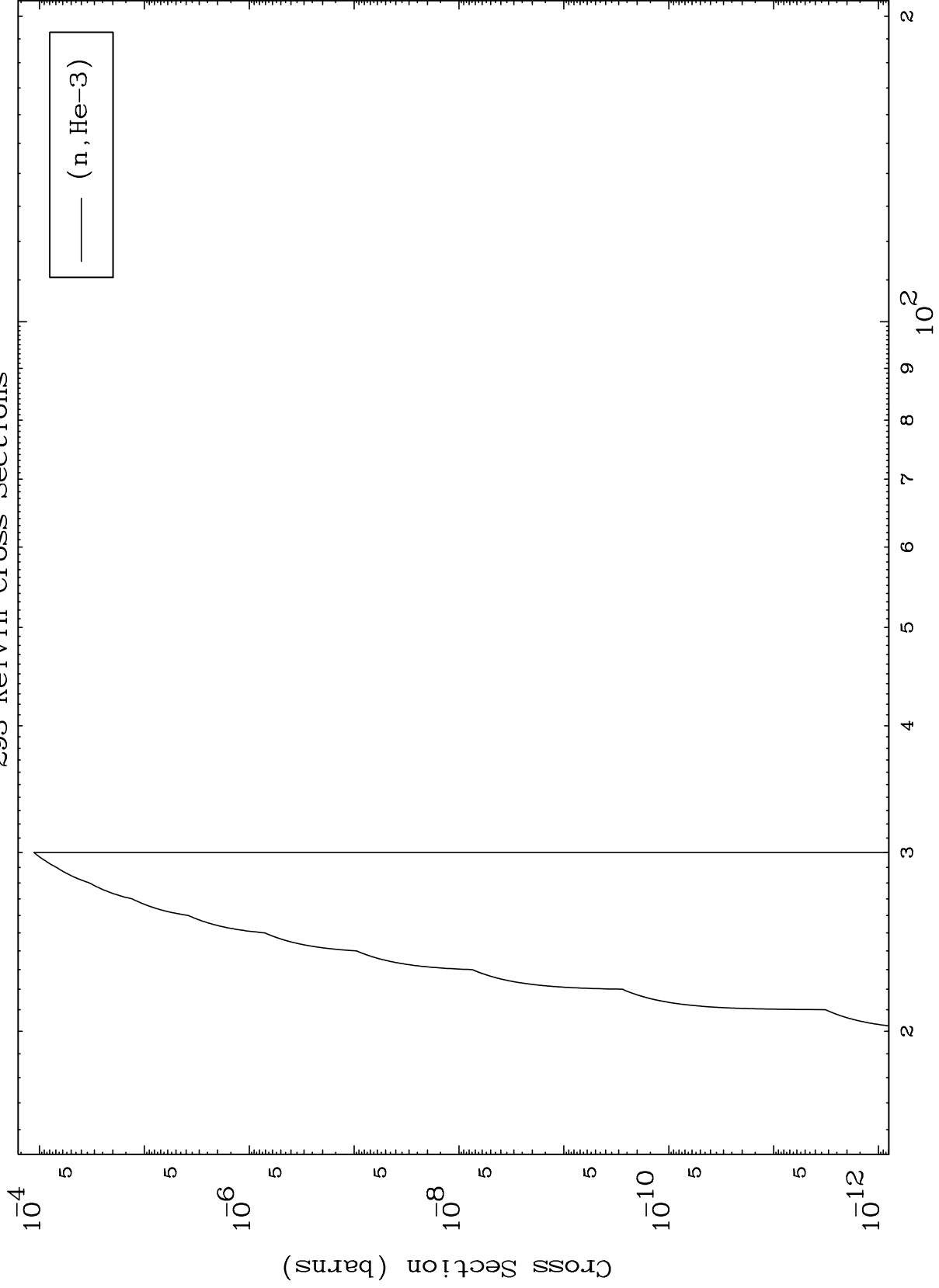
Incident Energy (MeV)

37-Rb-90

MAT 3740

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-90



13

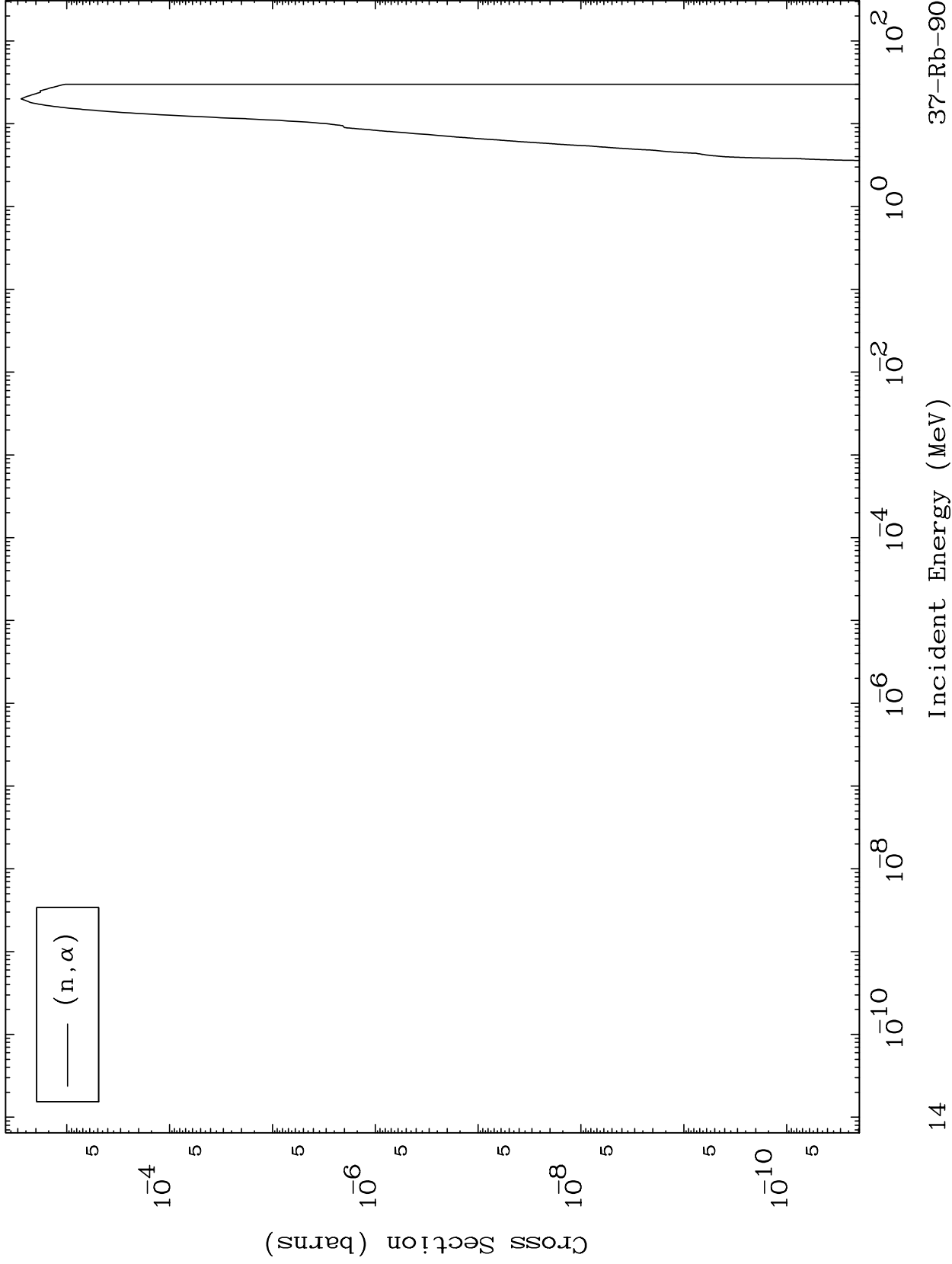
Incident Energy (MeV)

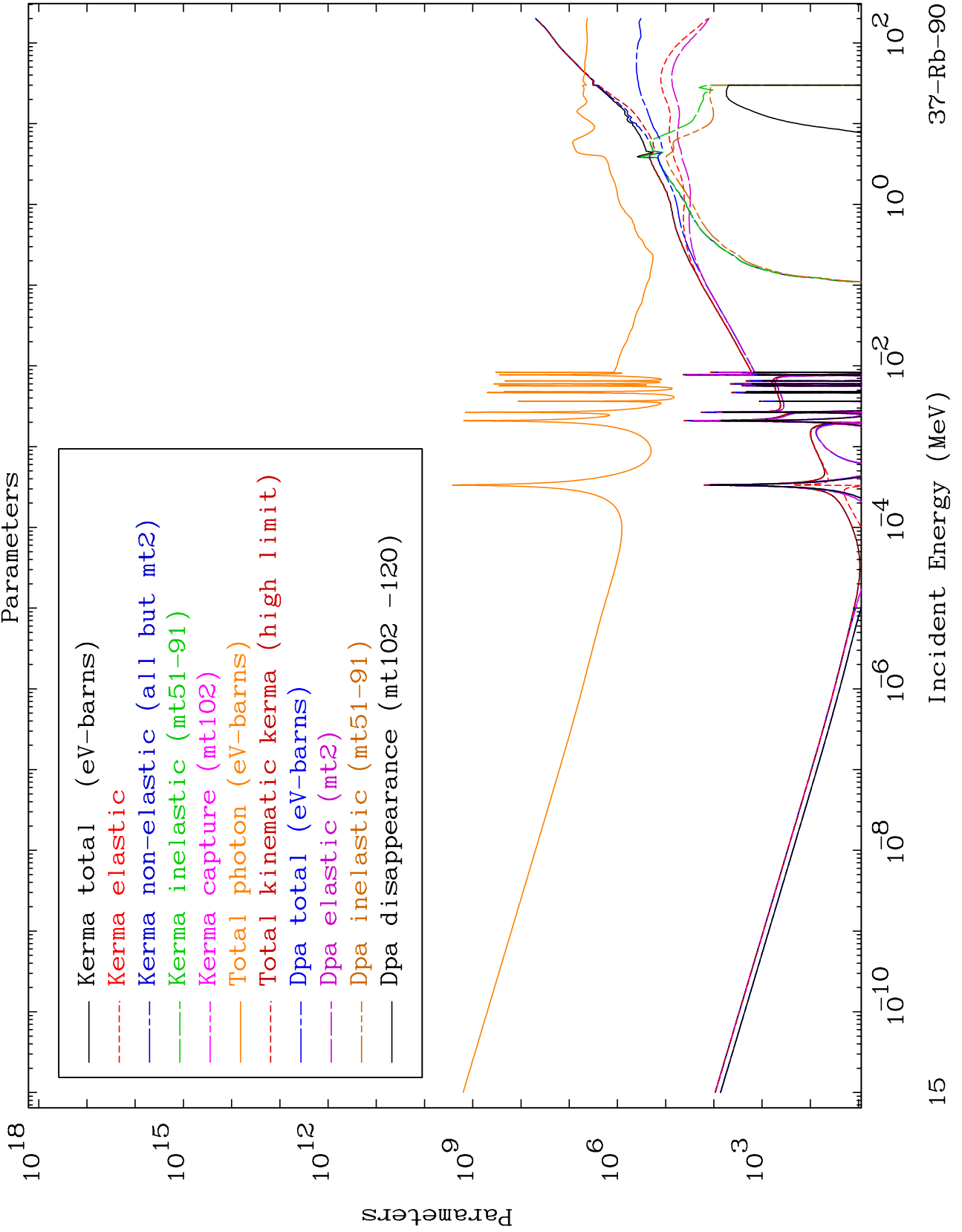
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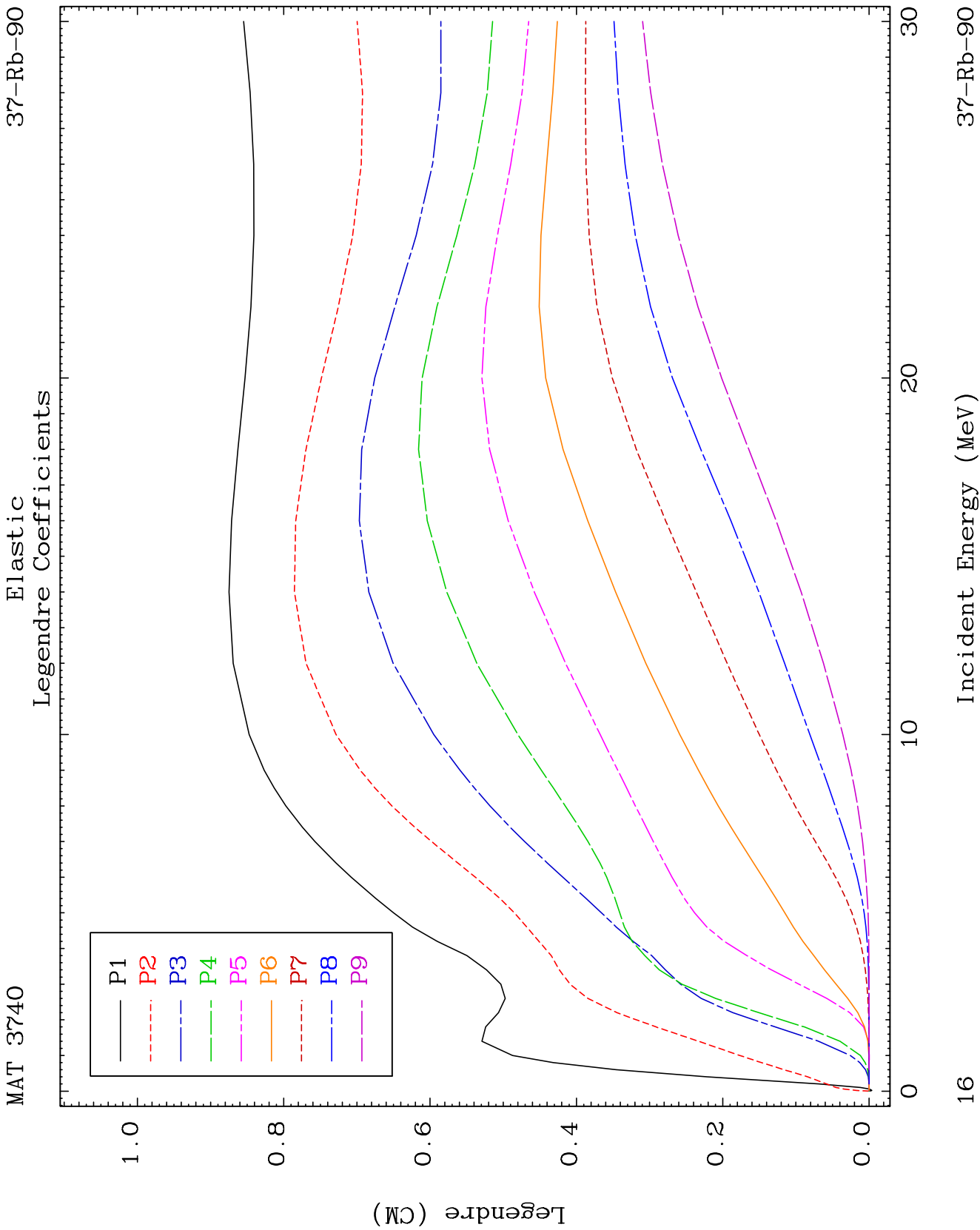
MAT 3740

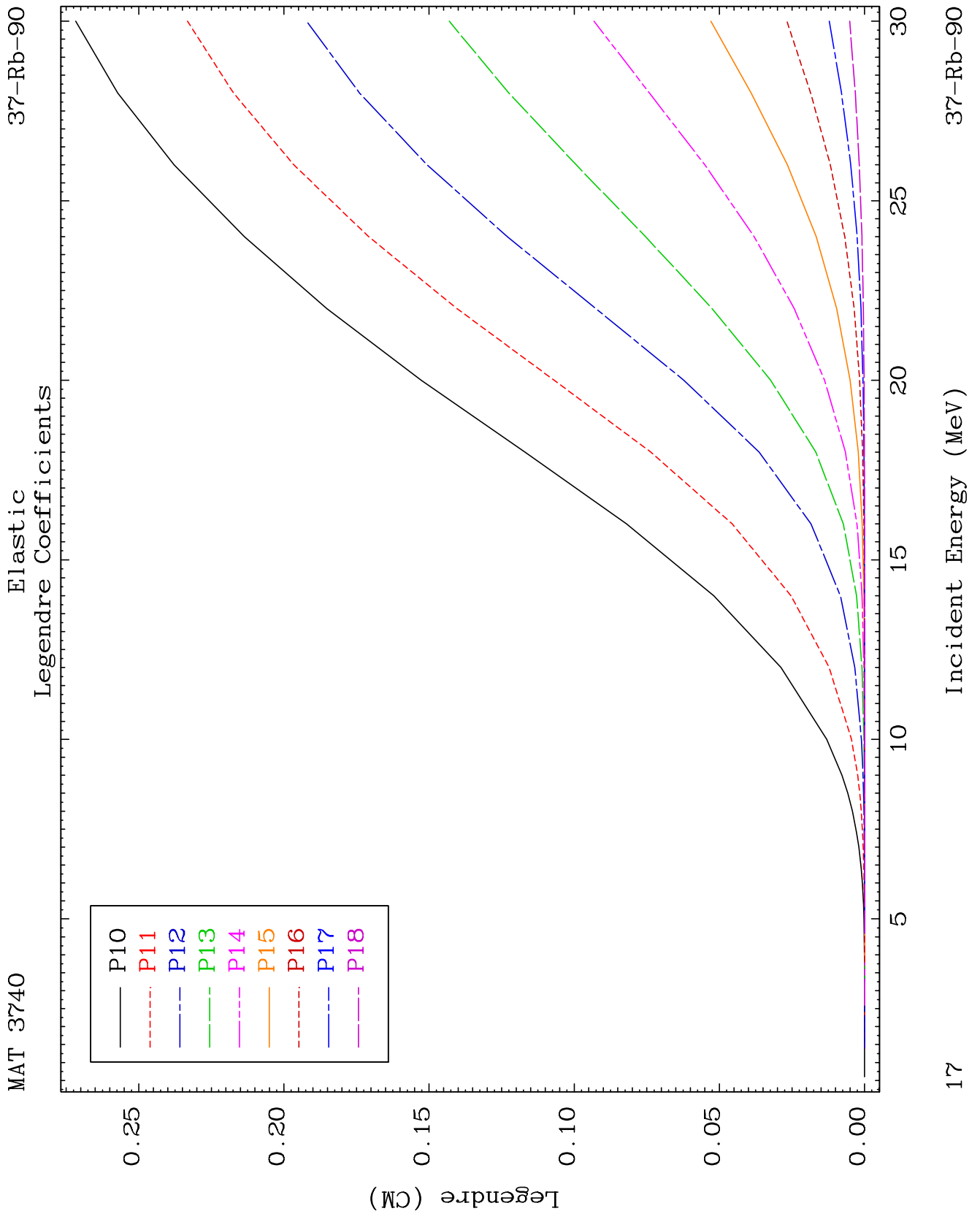
(n, α) Levels
293 Kelvin Cross Sections

37-Rb-90





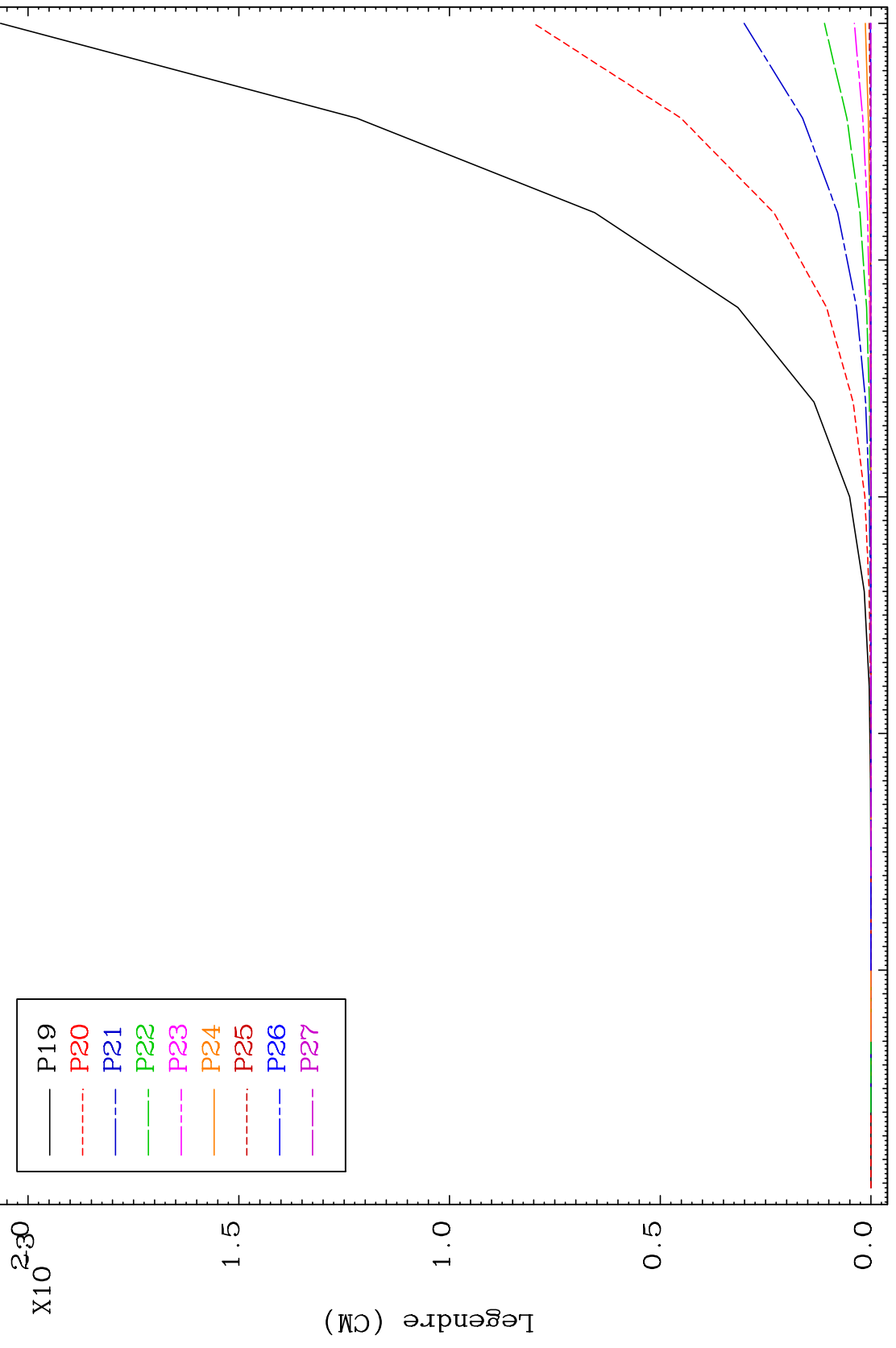




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Elastic Legendre Coefficients

37-Rb-90



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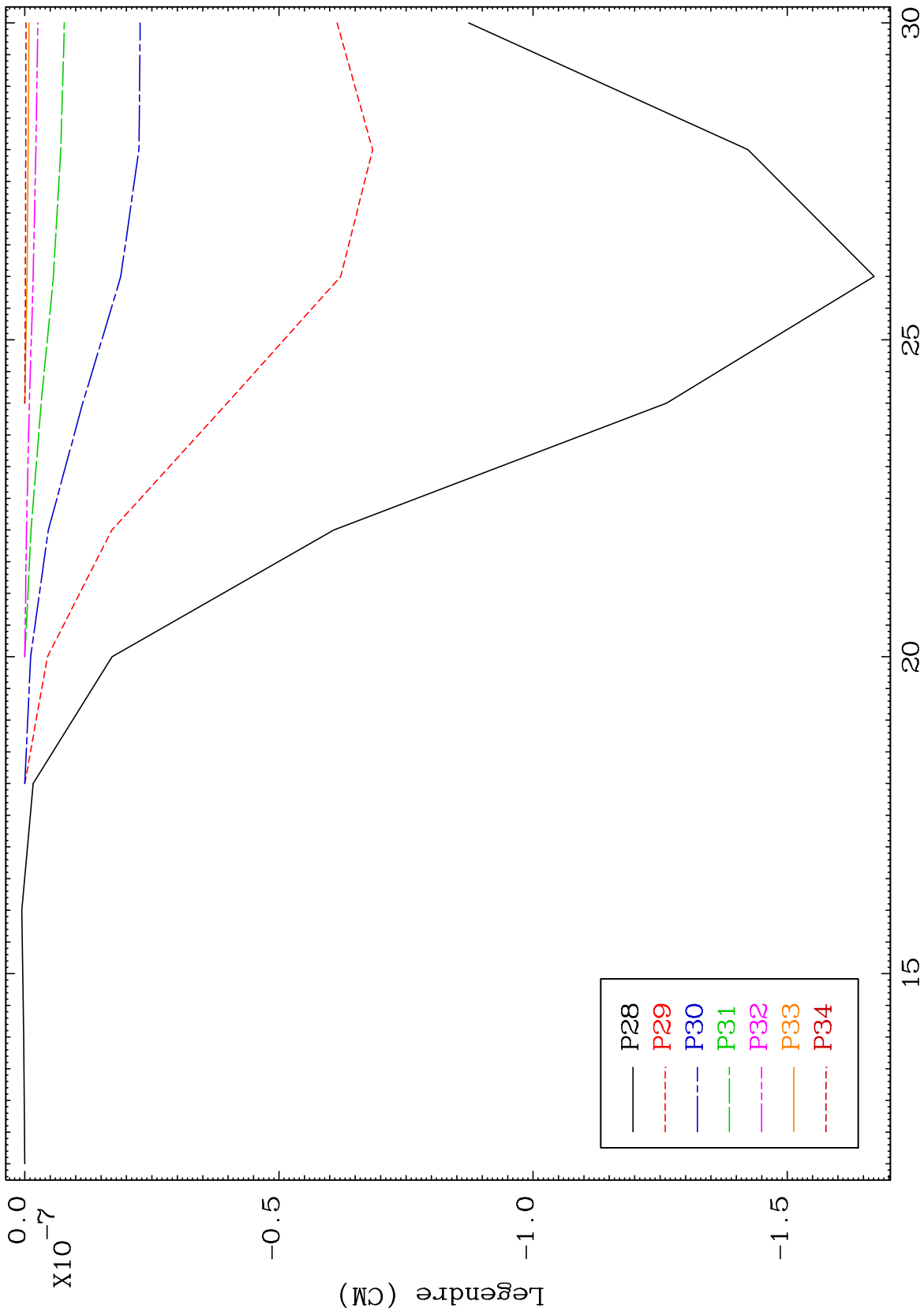
Incident Energy (MeV)

37-Rb-90

MAT 3740

37-Rb-90

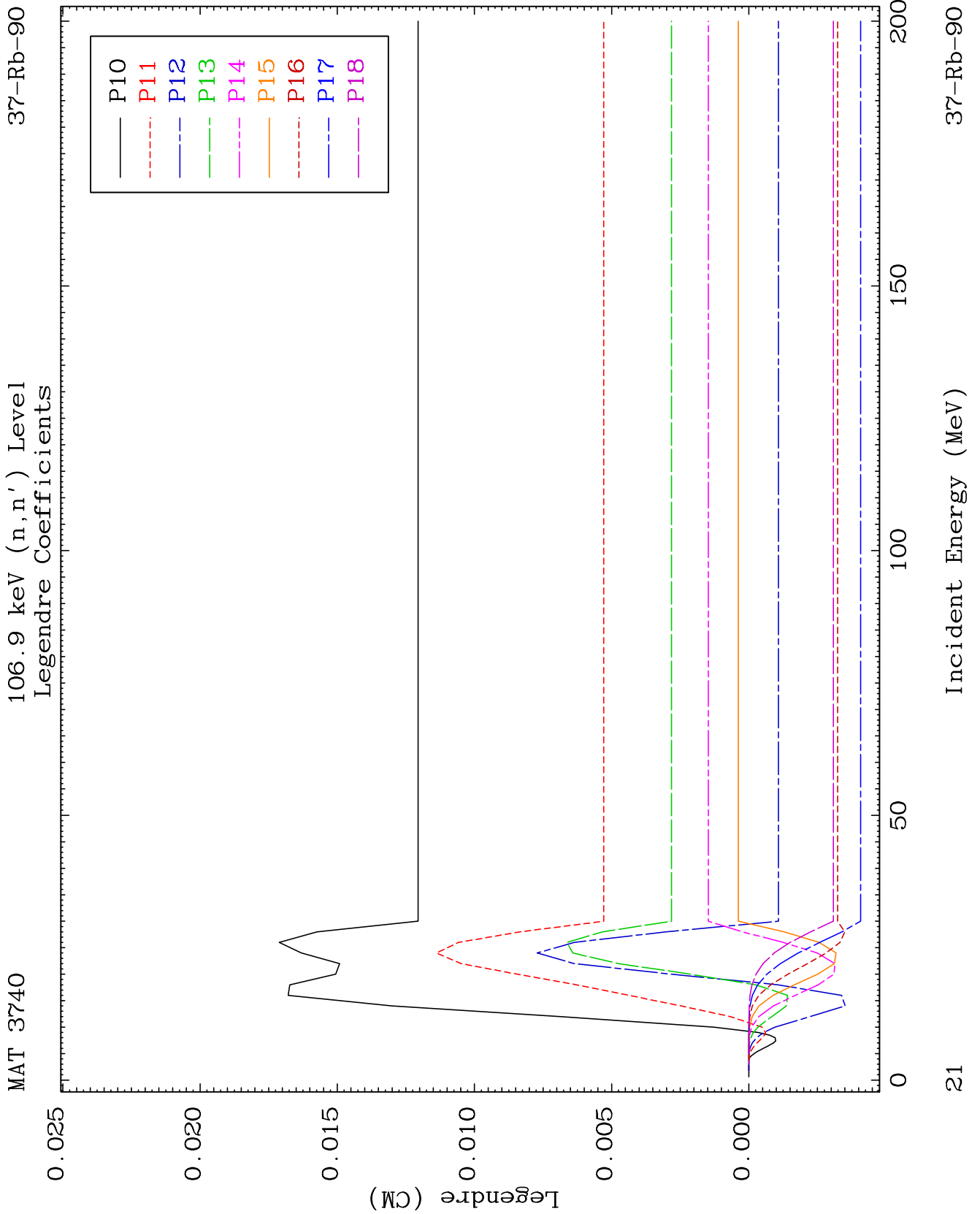
Elastic Legendre Coefficients

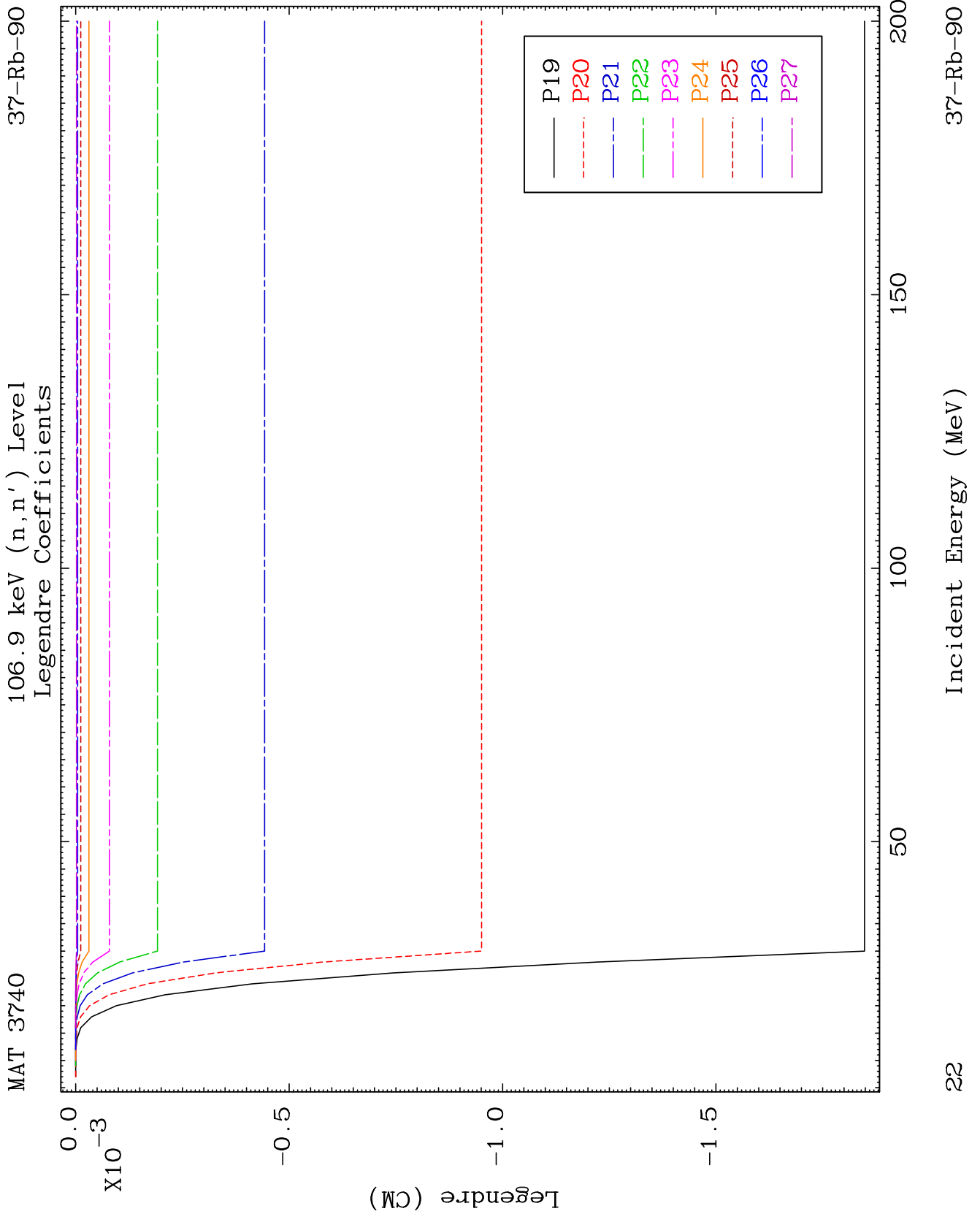


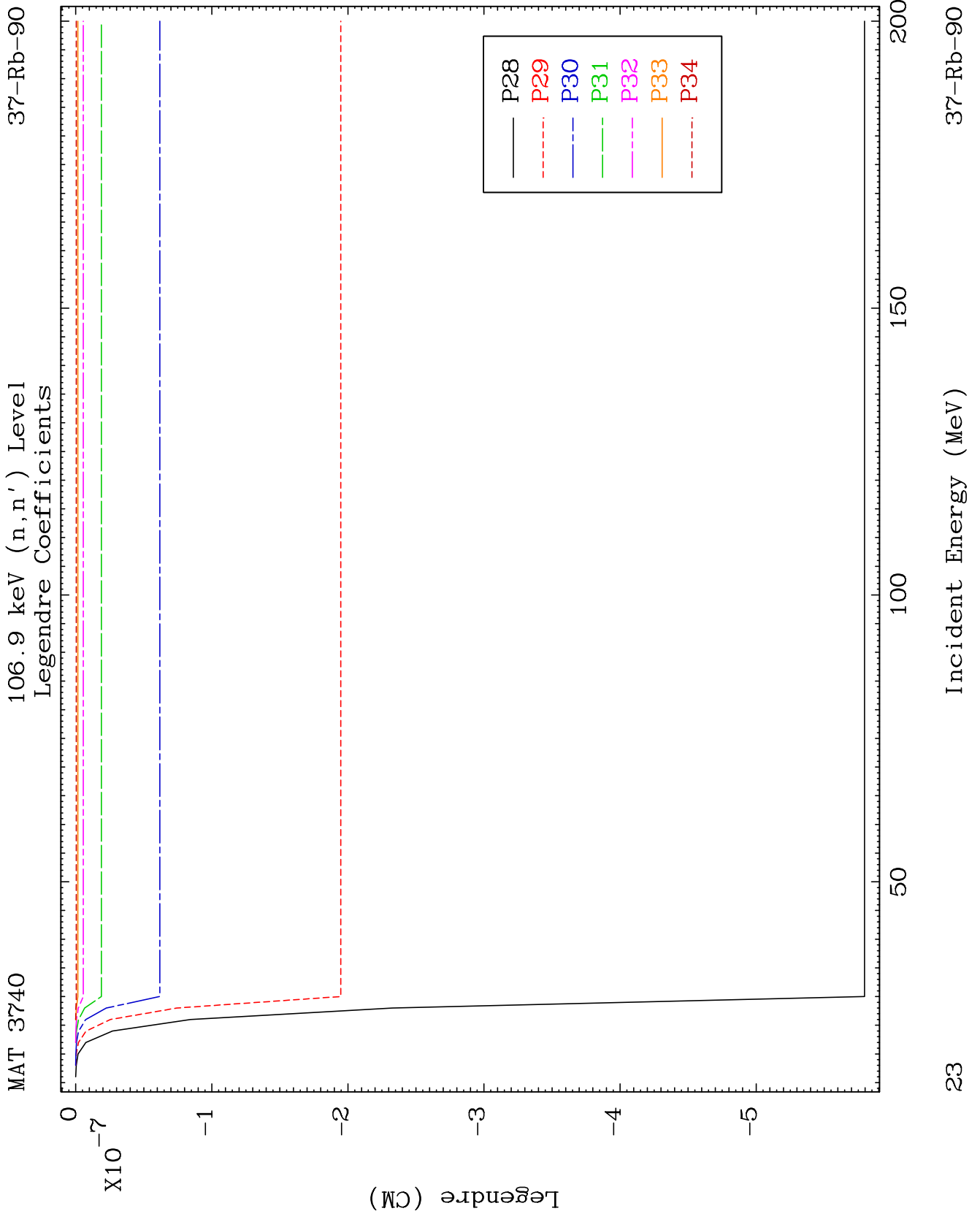
19

Incident Energy (MeV)

37-Rb-90



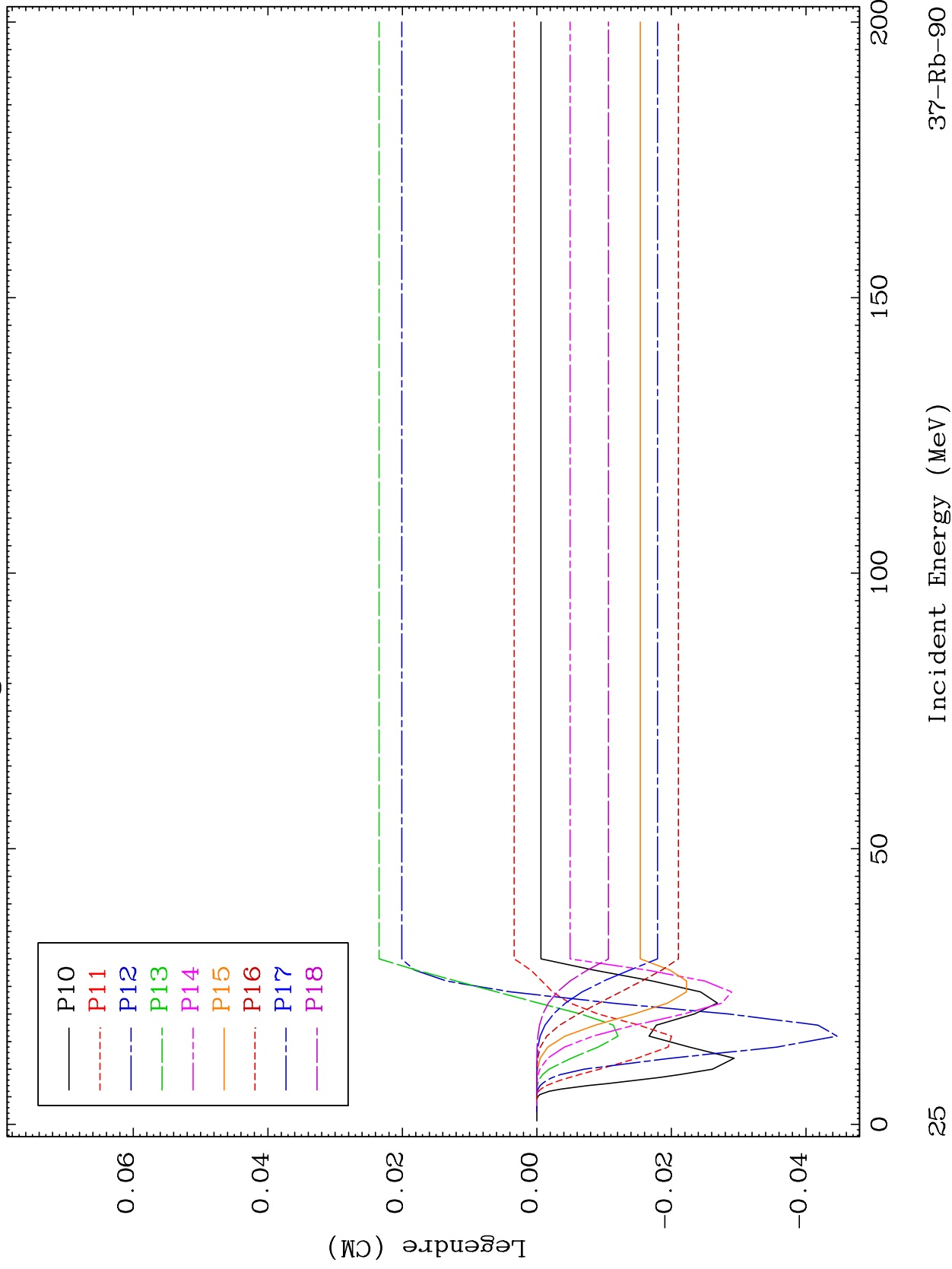




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121.8 keV (n,n') Level
Legendre Coefficients

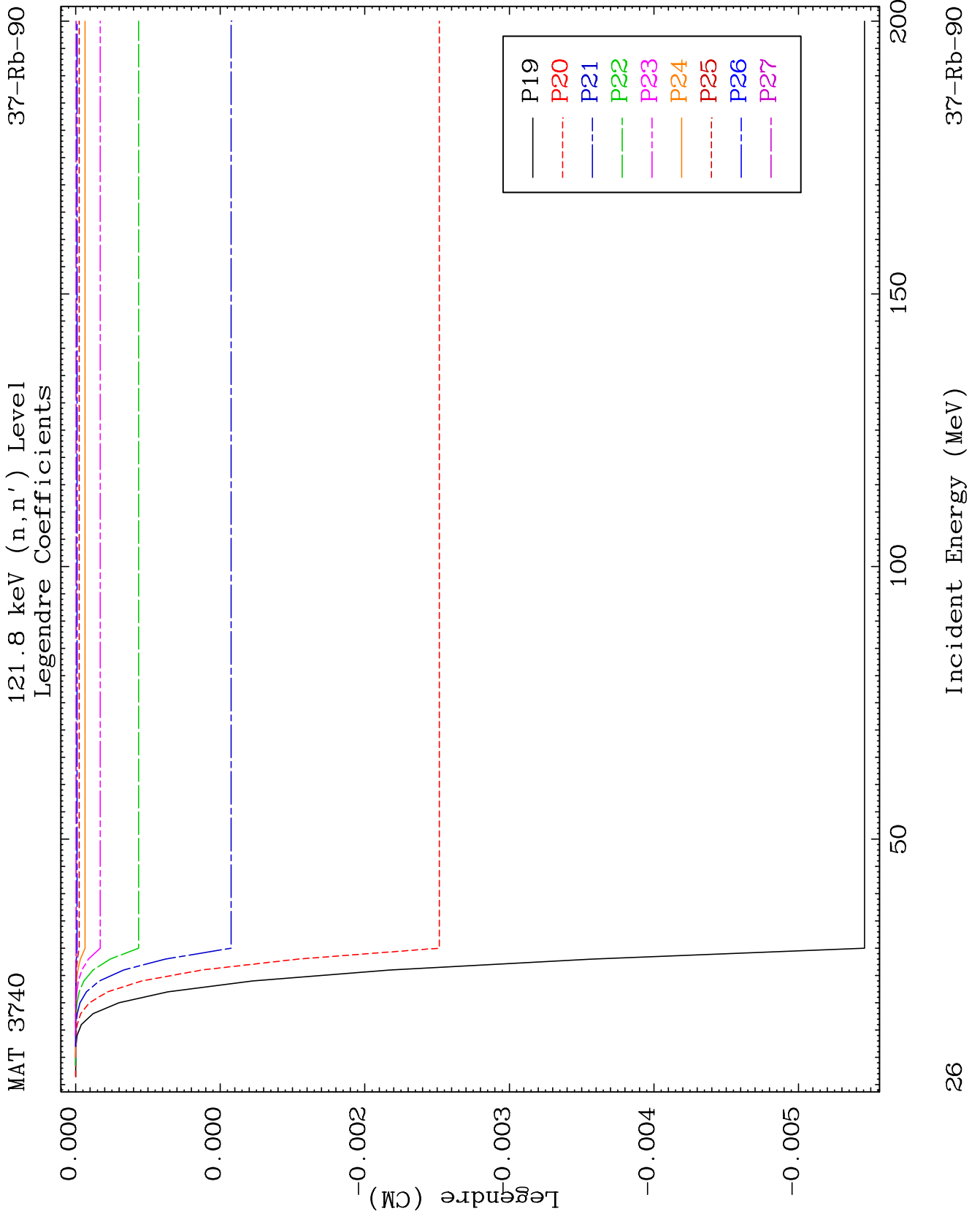
37-Rb-90

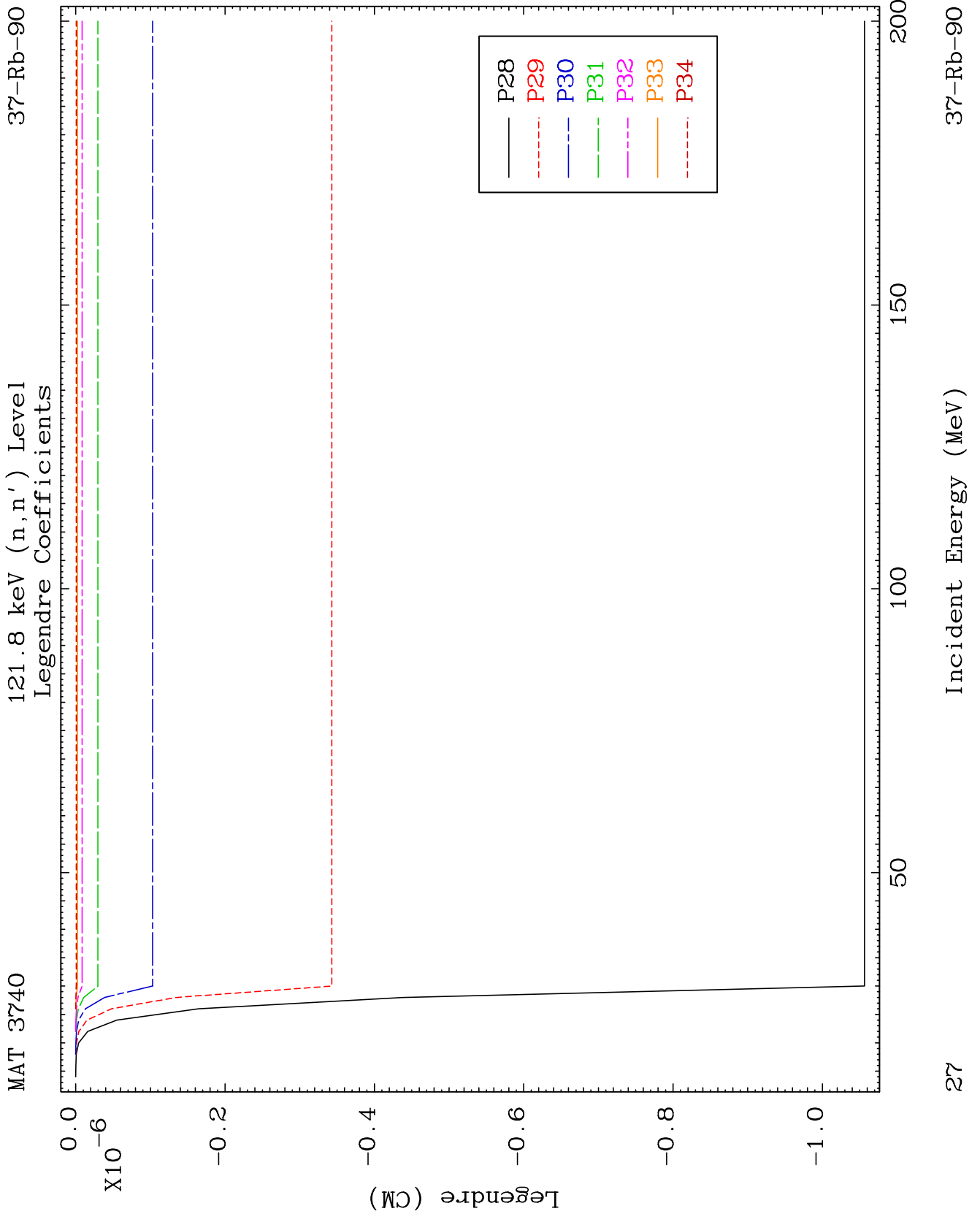


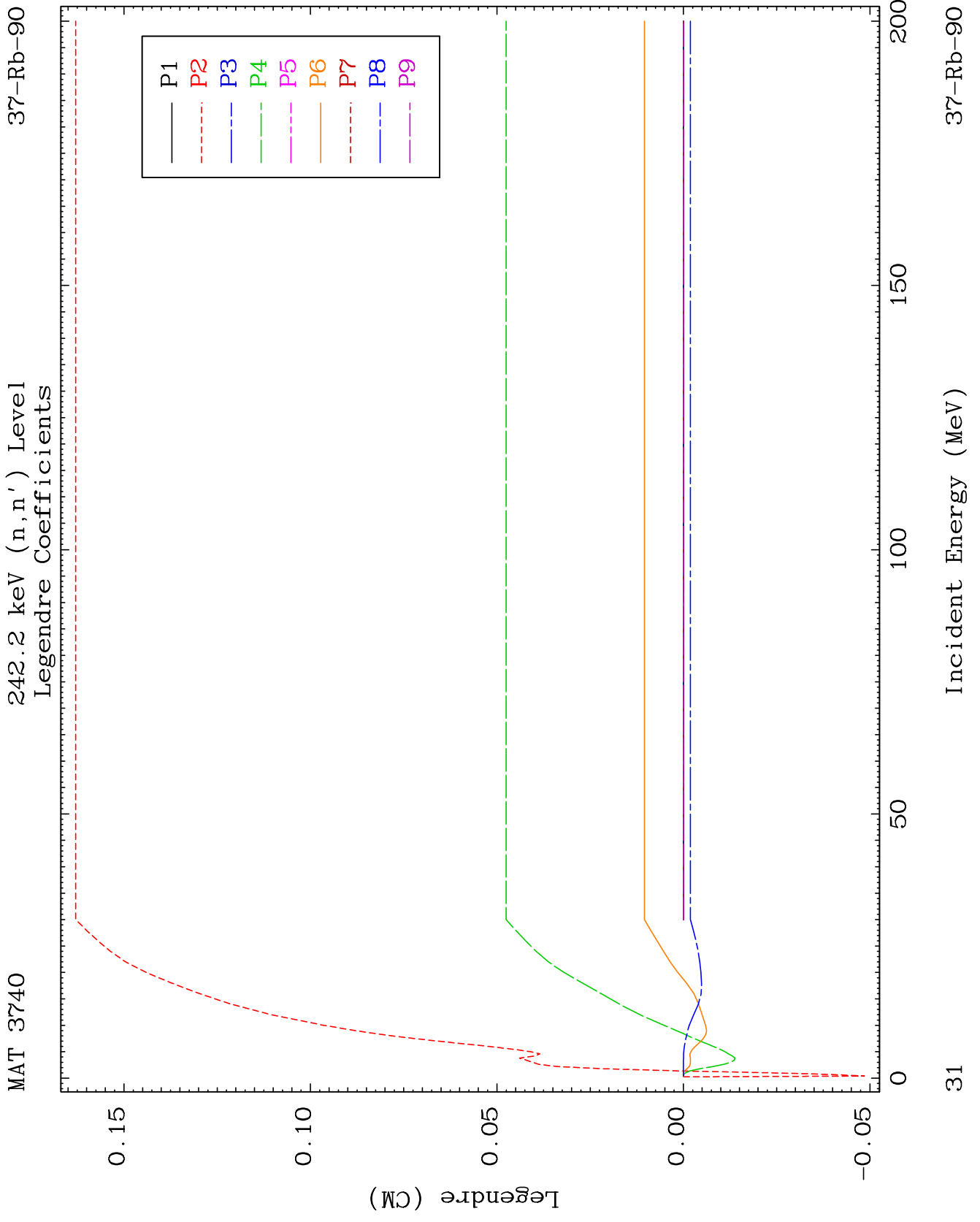
37-Rb-90

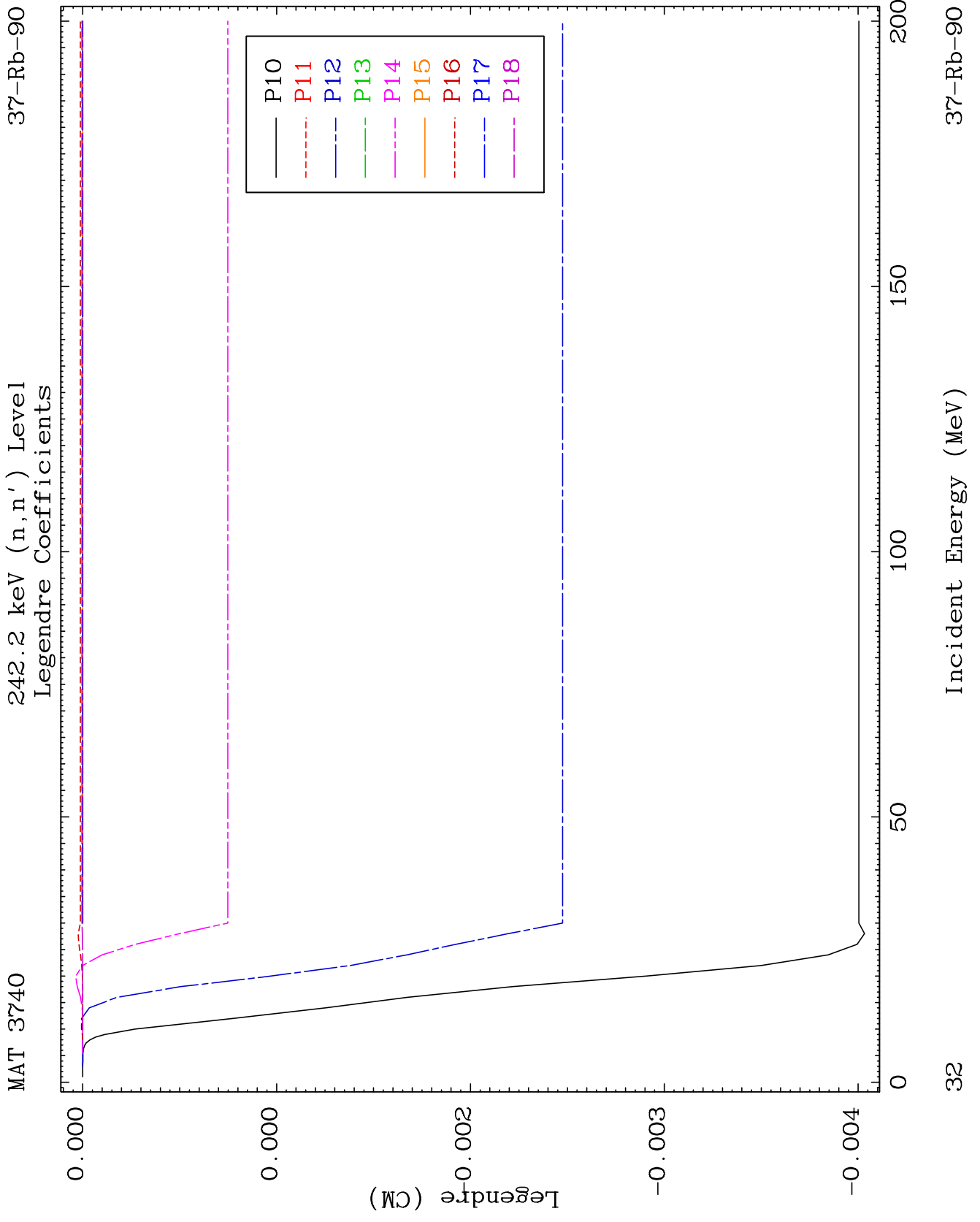
Incident Energy (MeV)

25





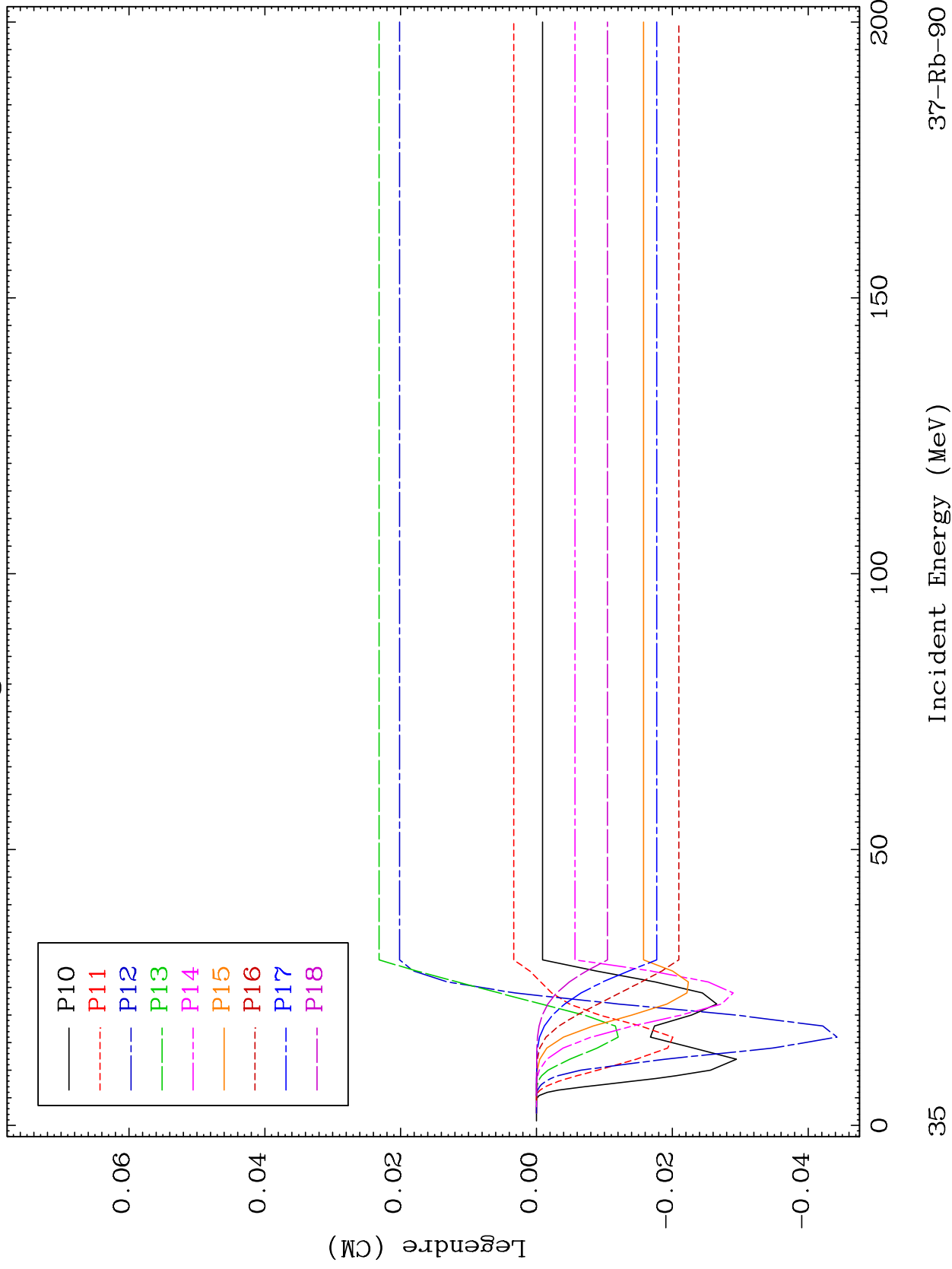




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356.2 keV (n,n') Level
Legendre Coefficients

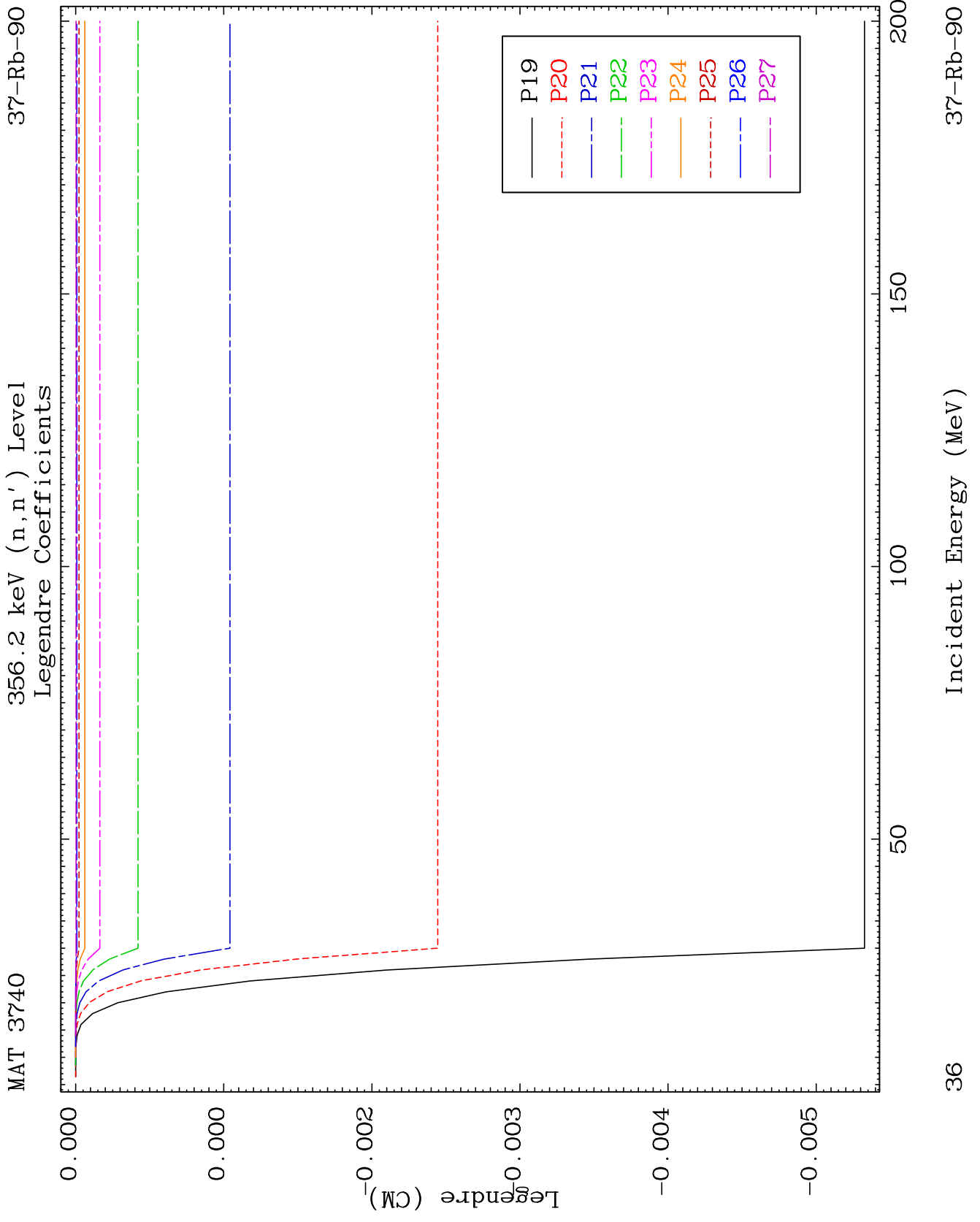
37-Rb-90

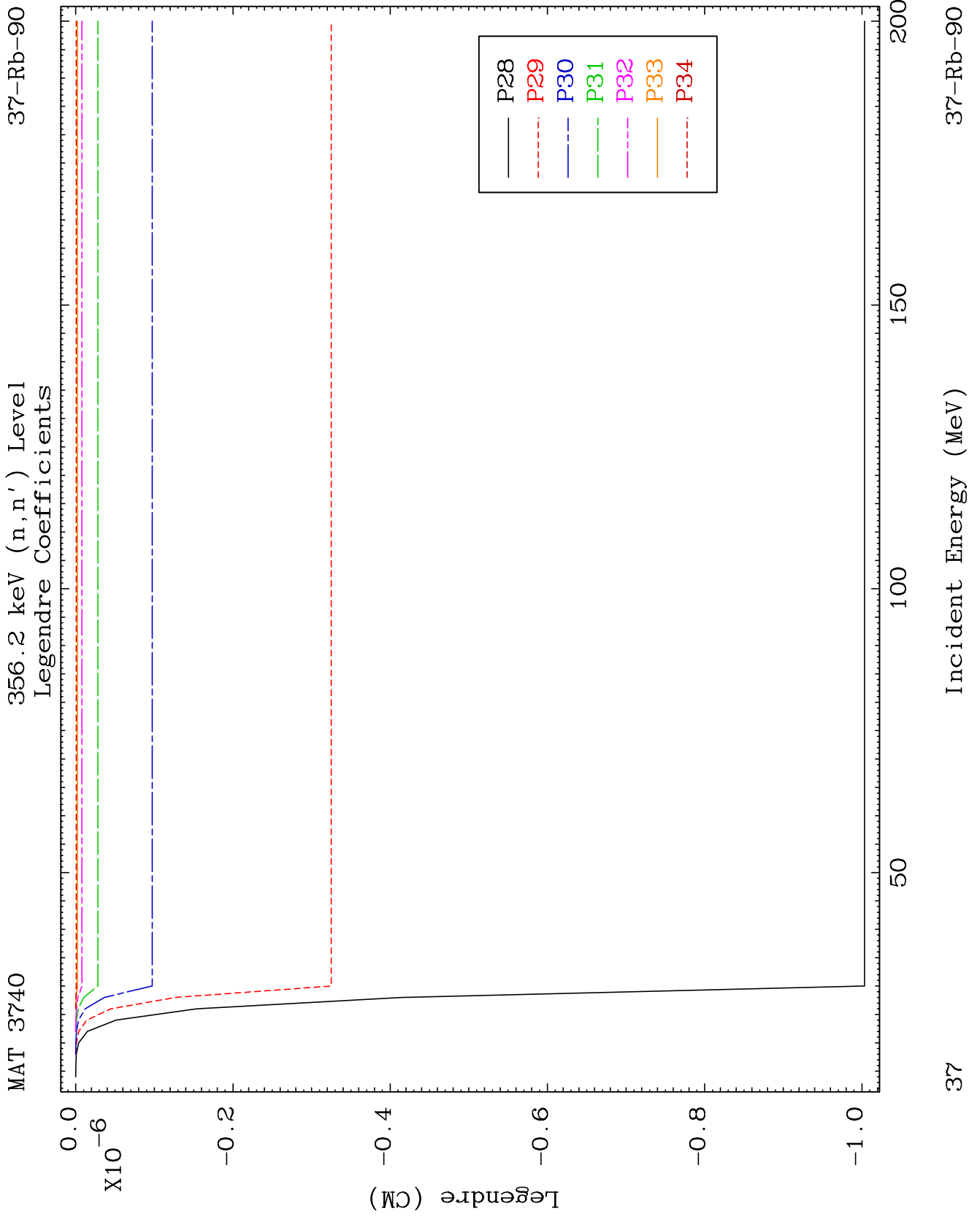


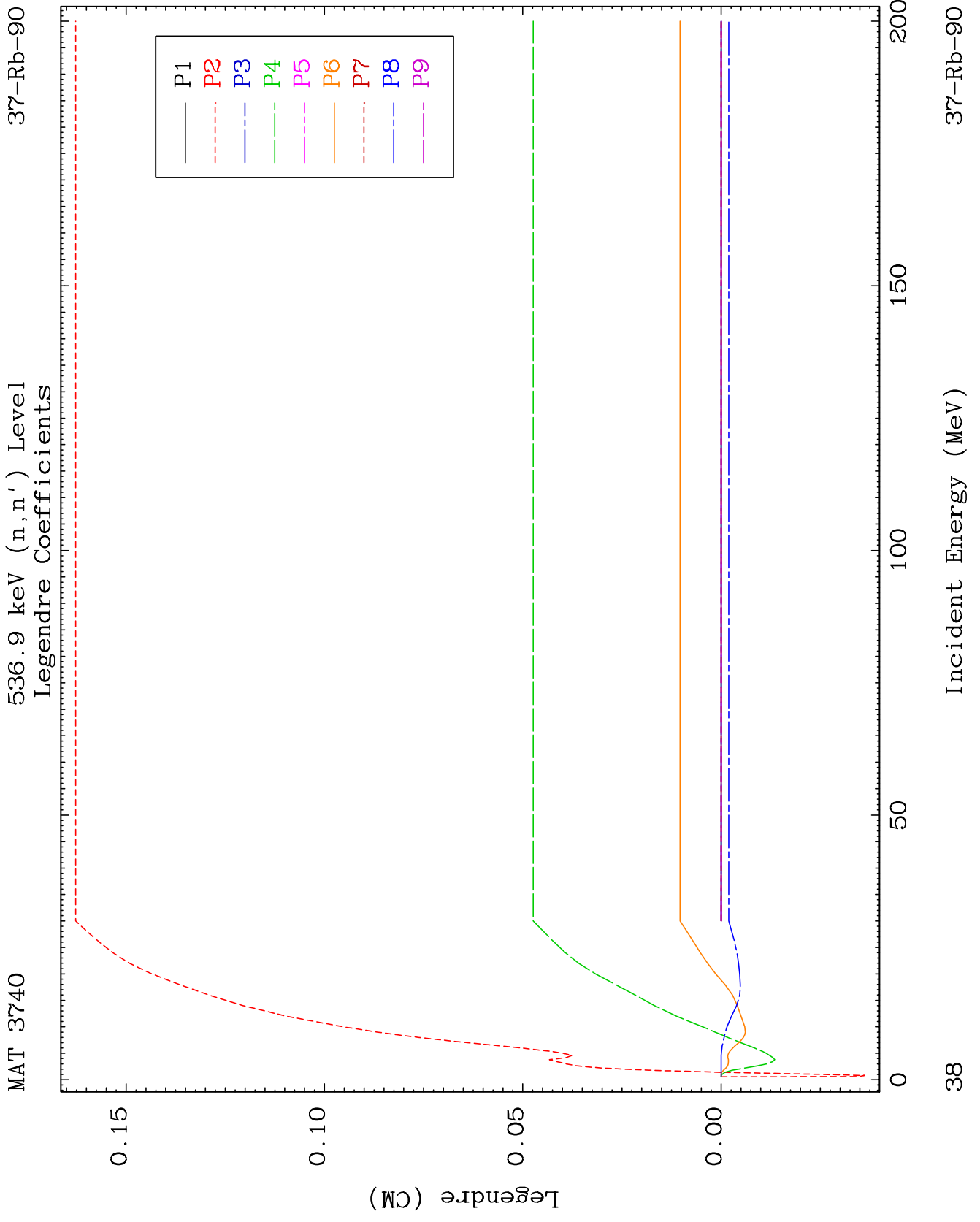
37-Rb-90

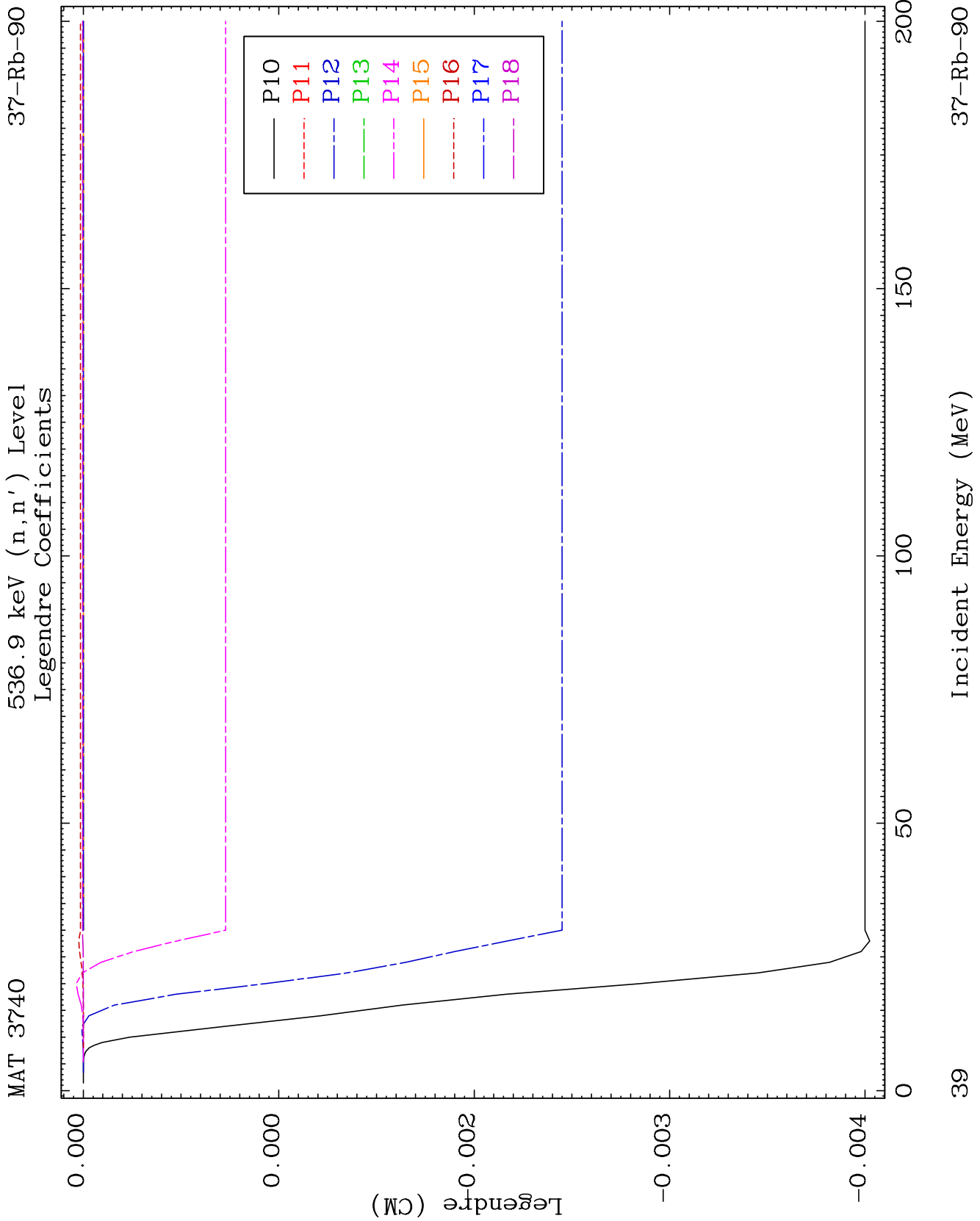
Incident Energy (MeV)

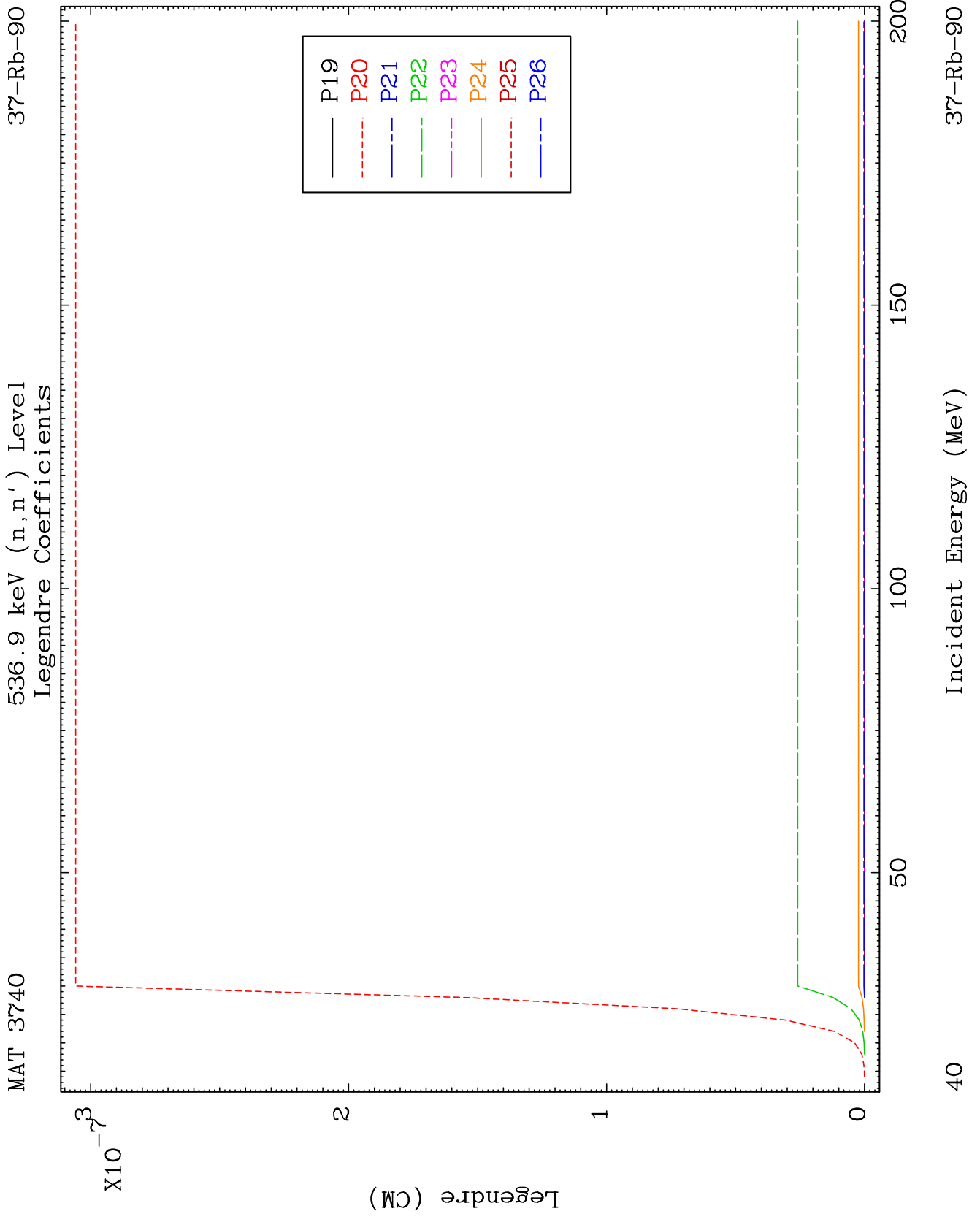
35

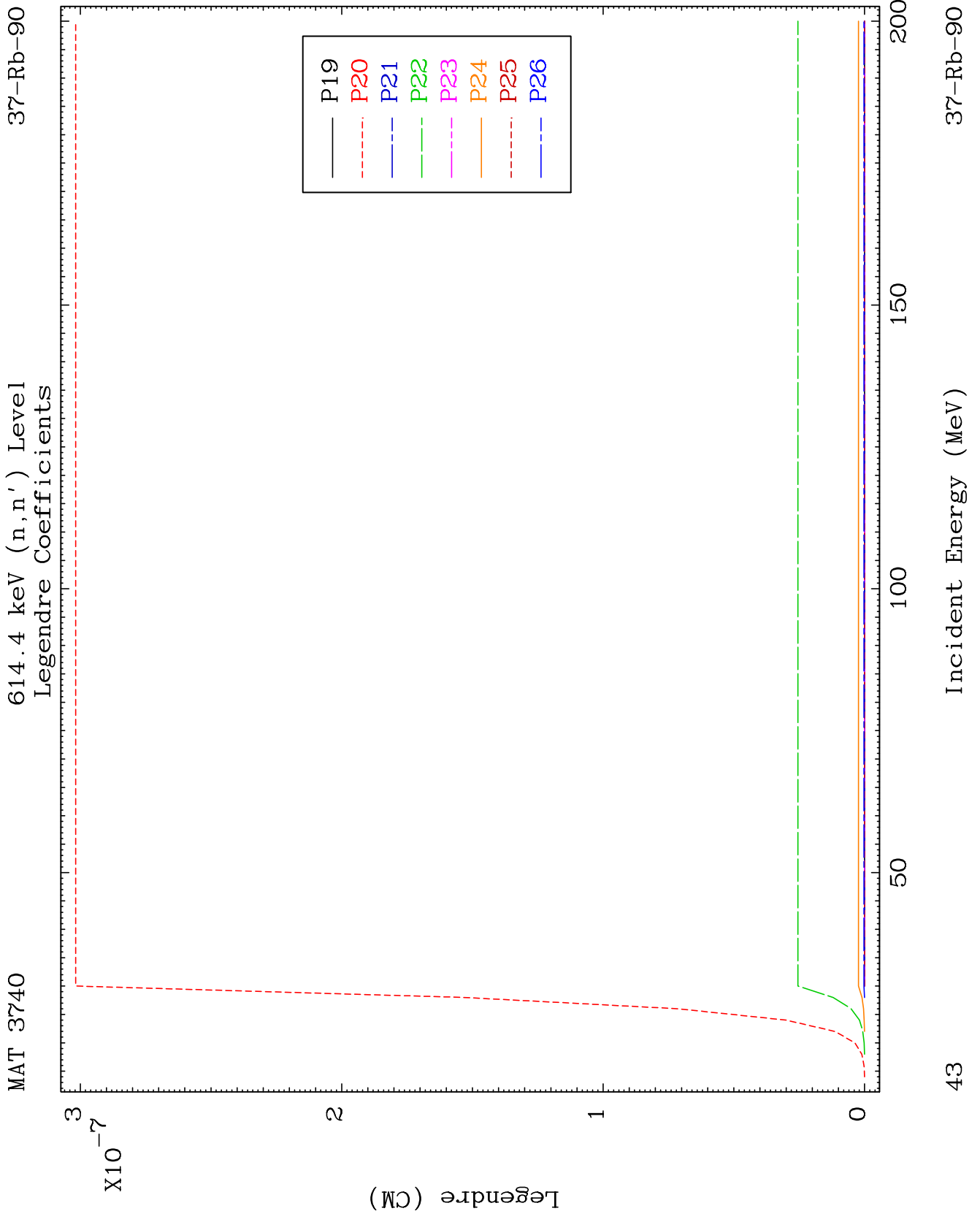


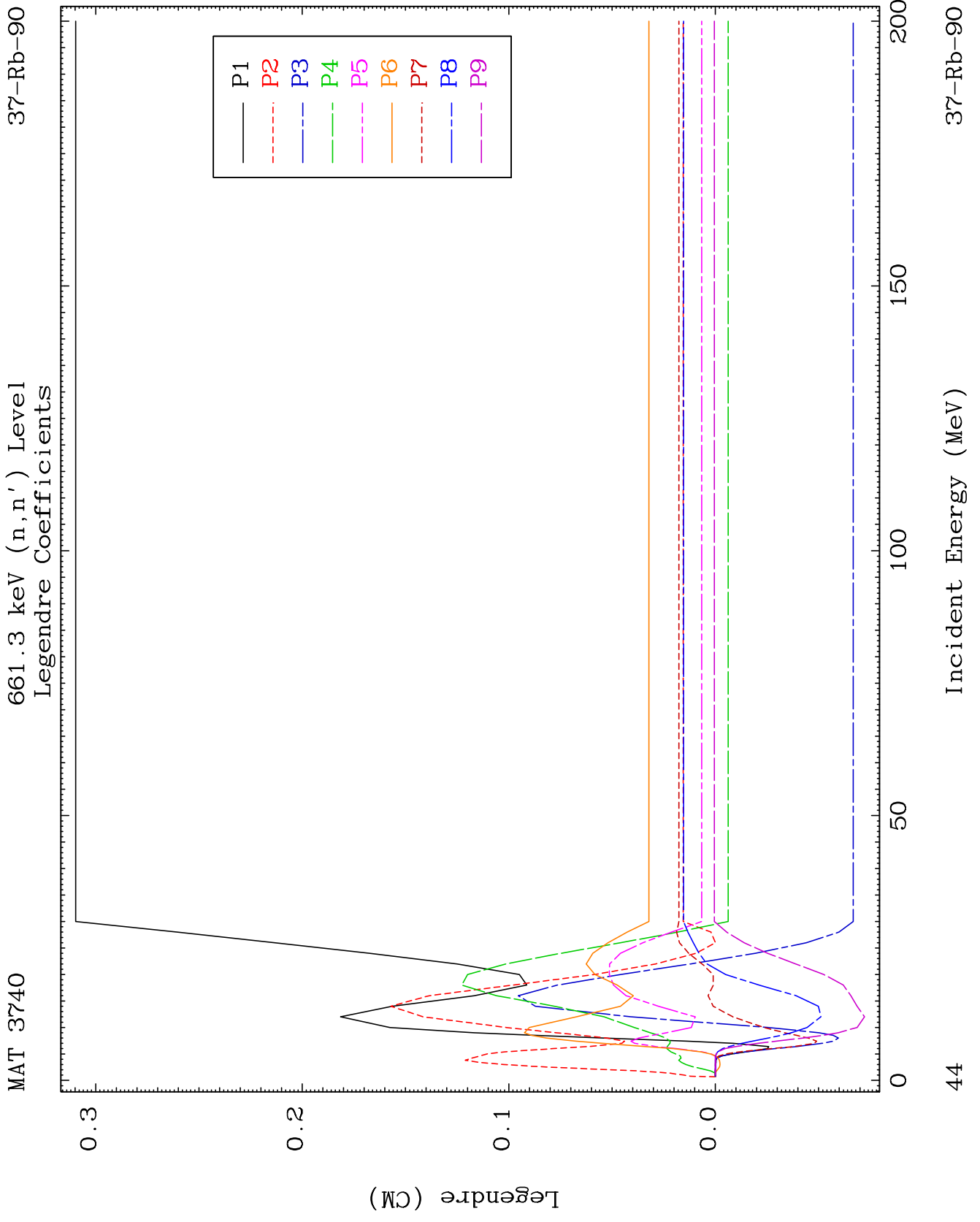








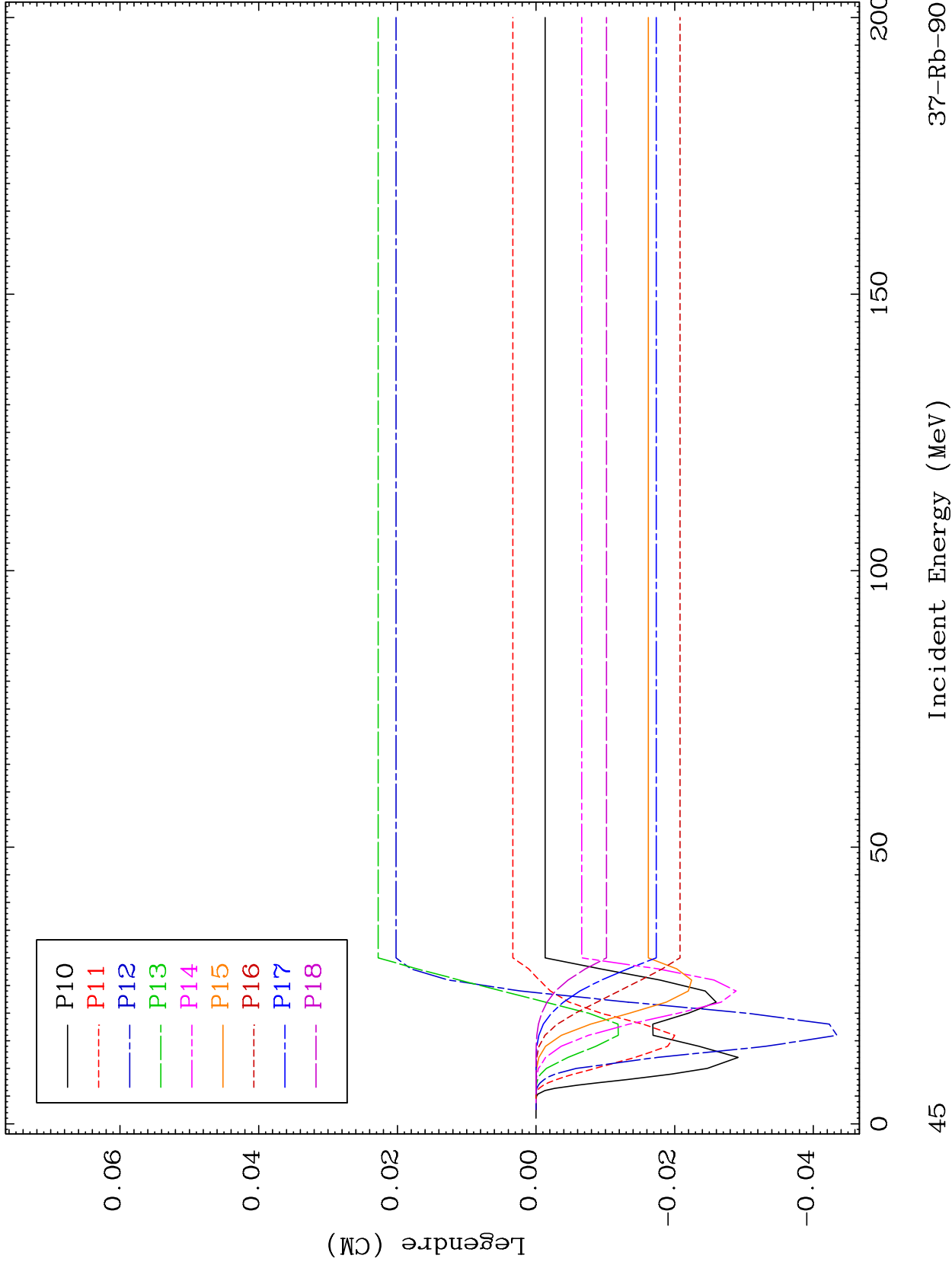


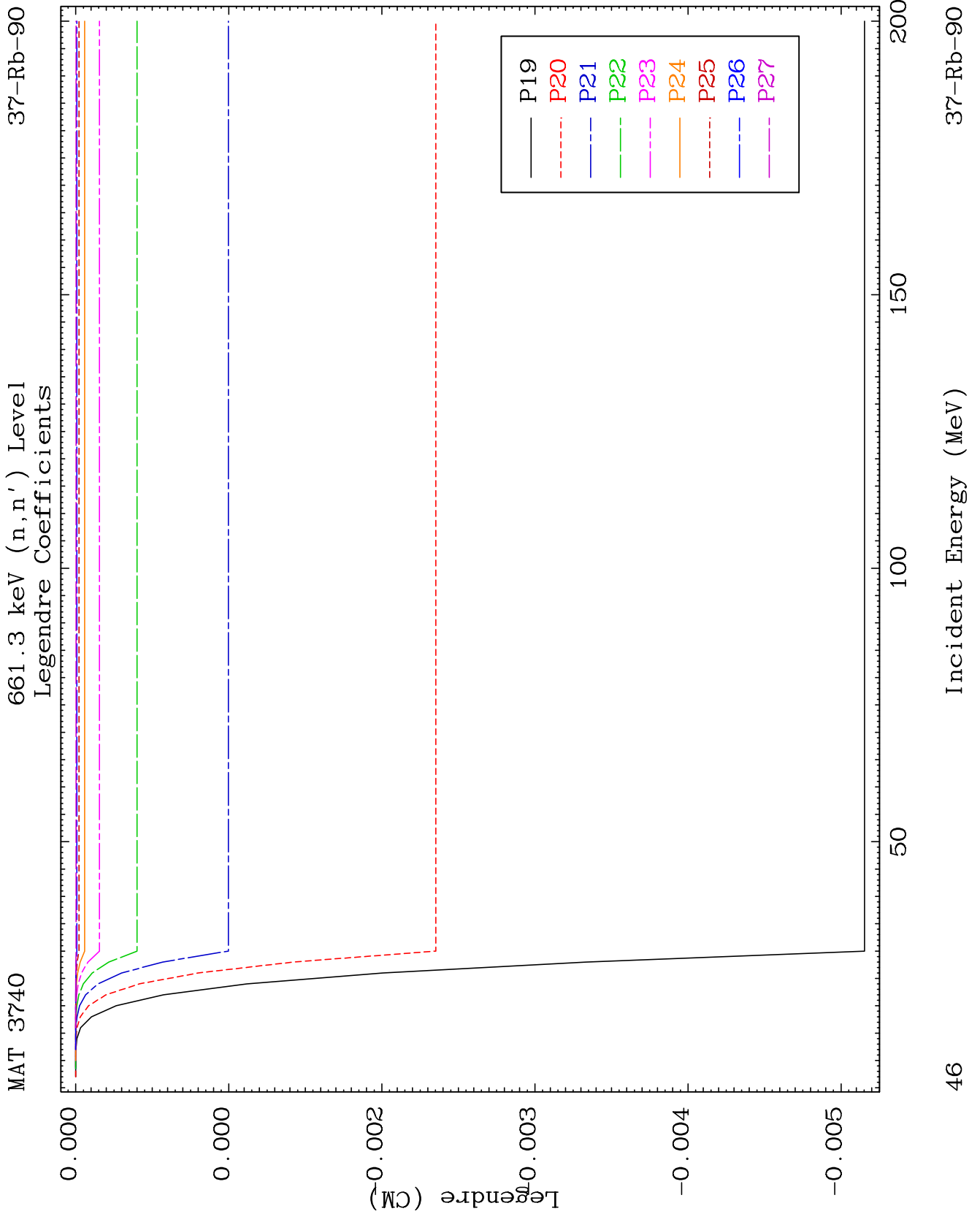


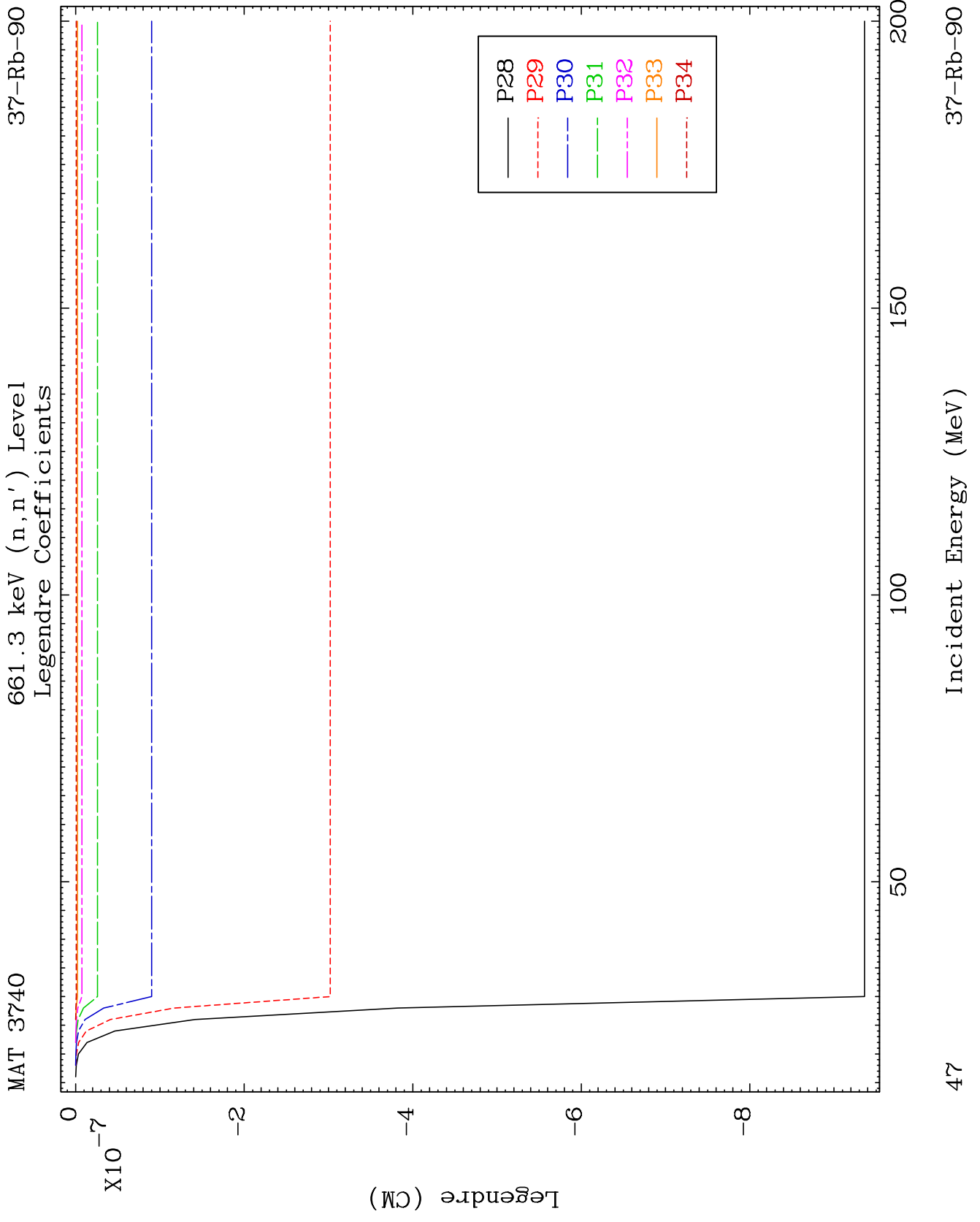
MAT 3740

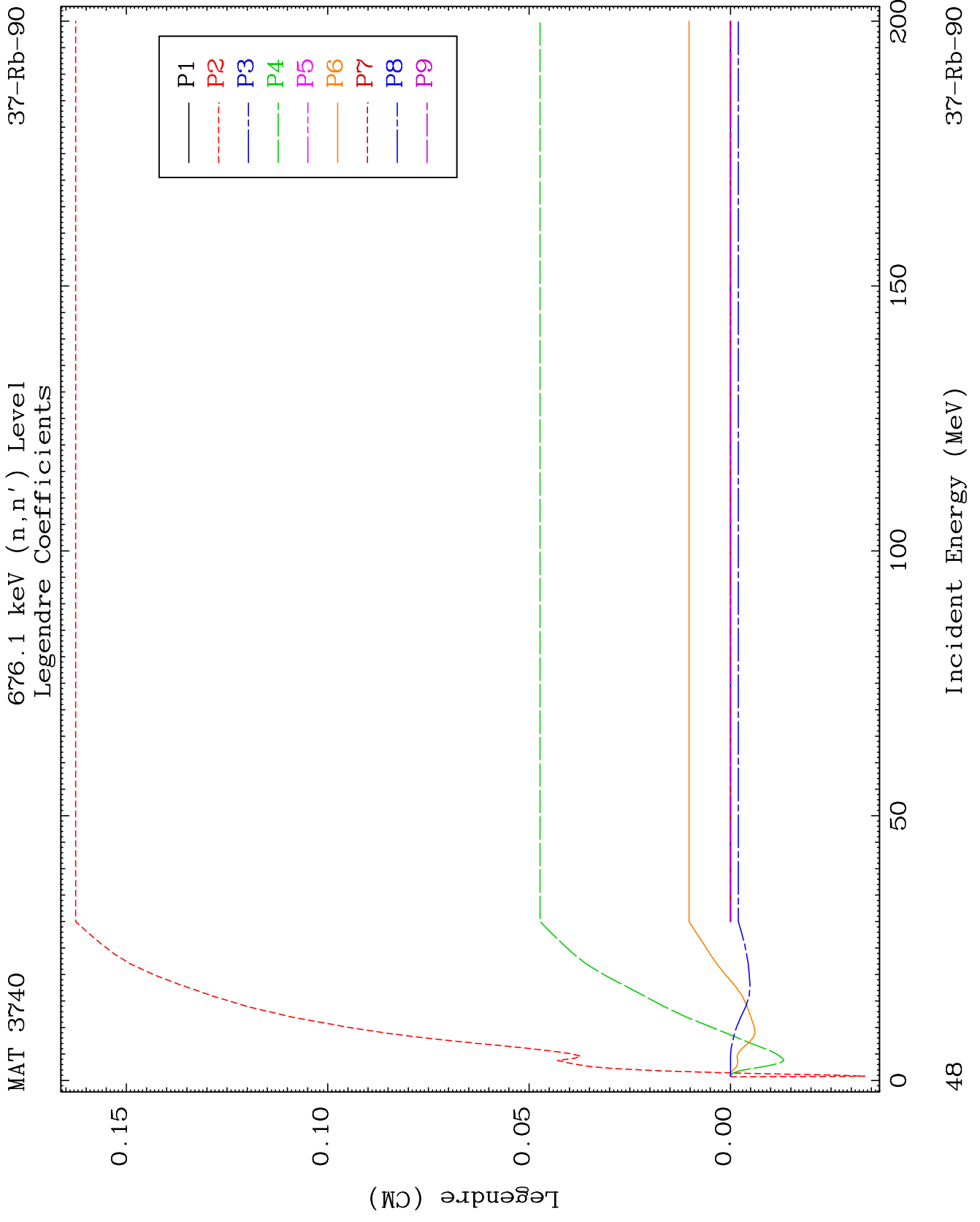
661.3 keV (n,n') Level
Legendre Coefficients

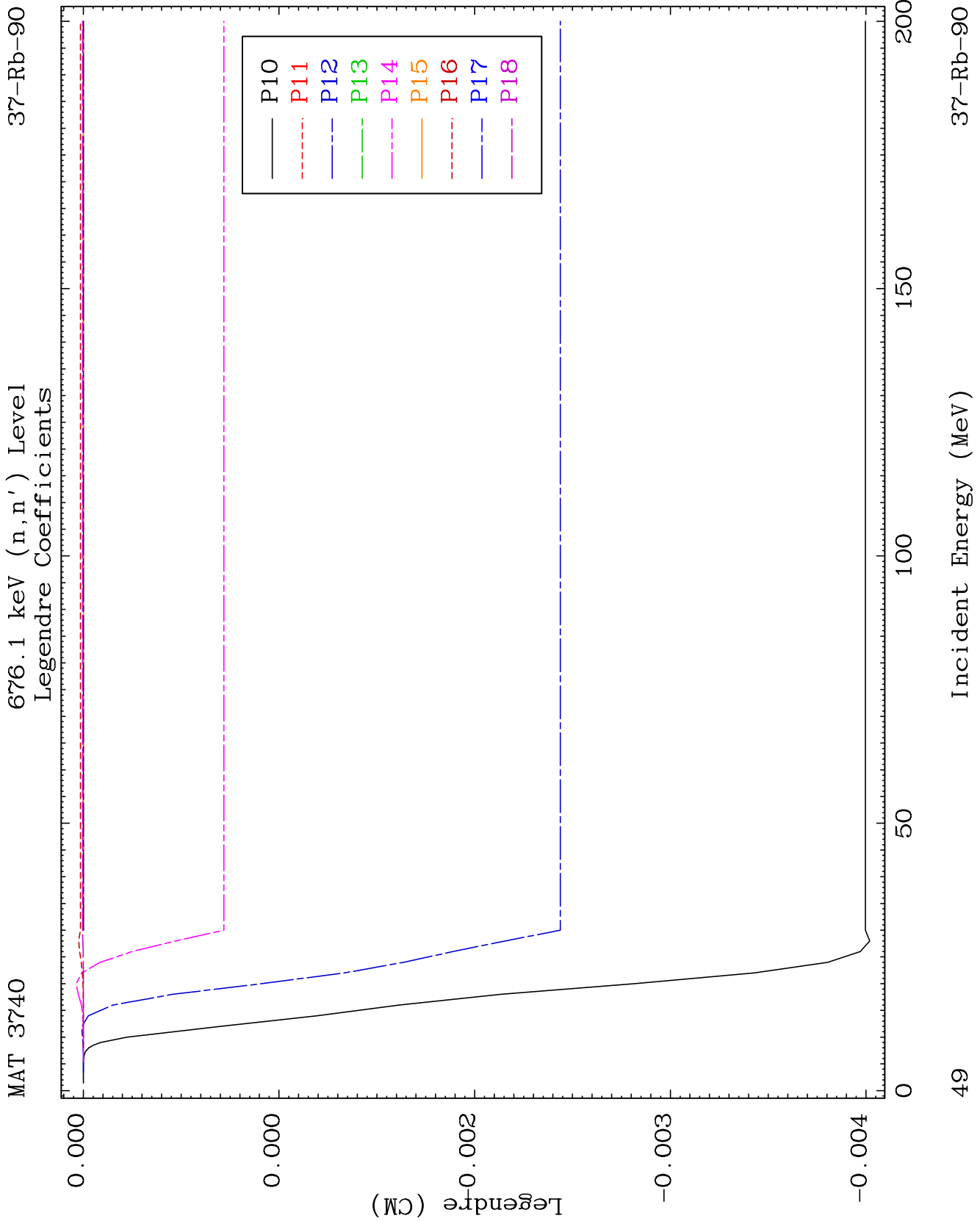
37-Rb-90

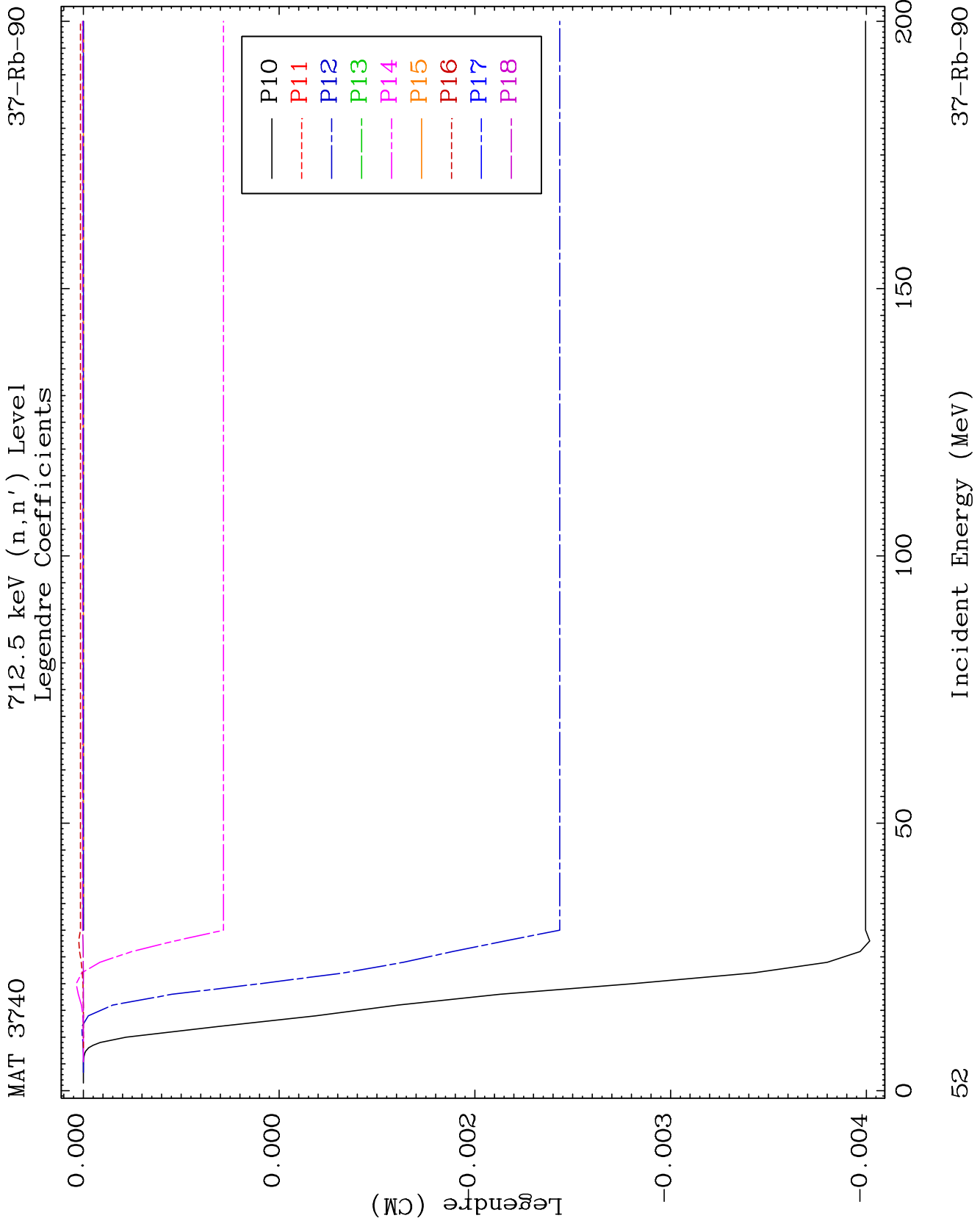


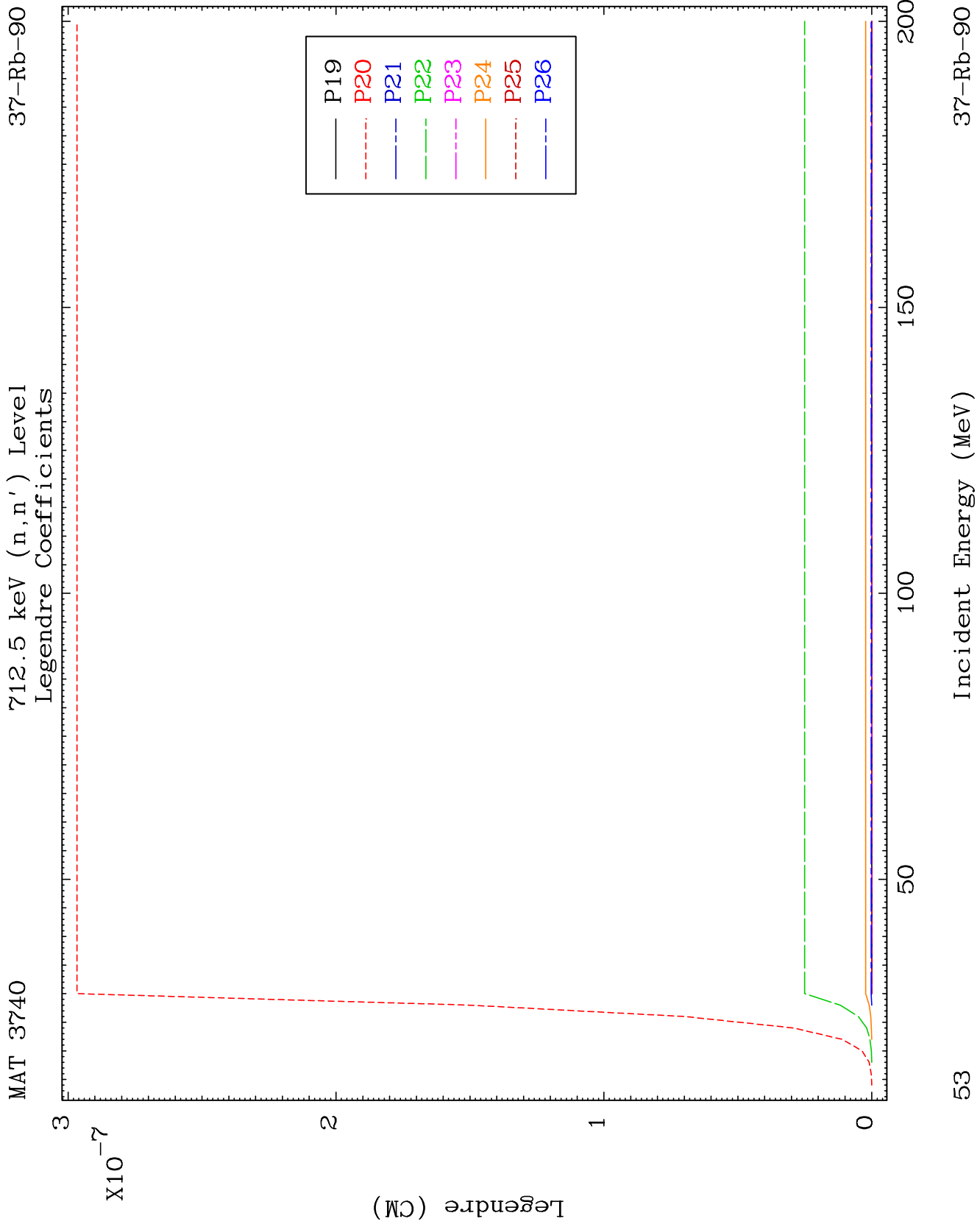


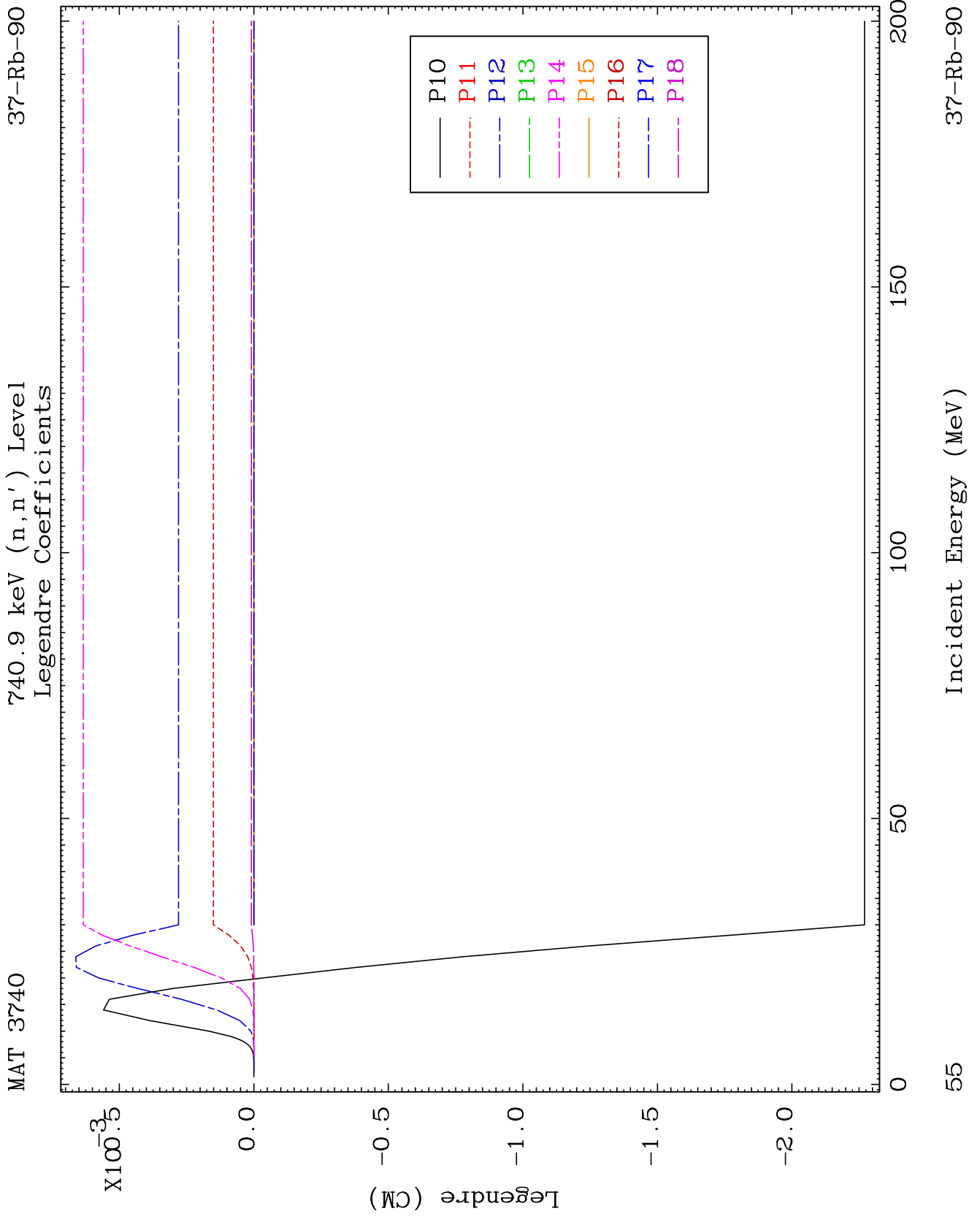


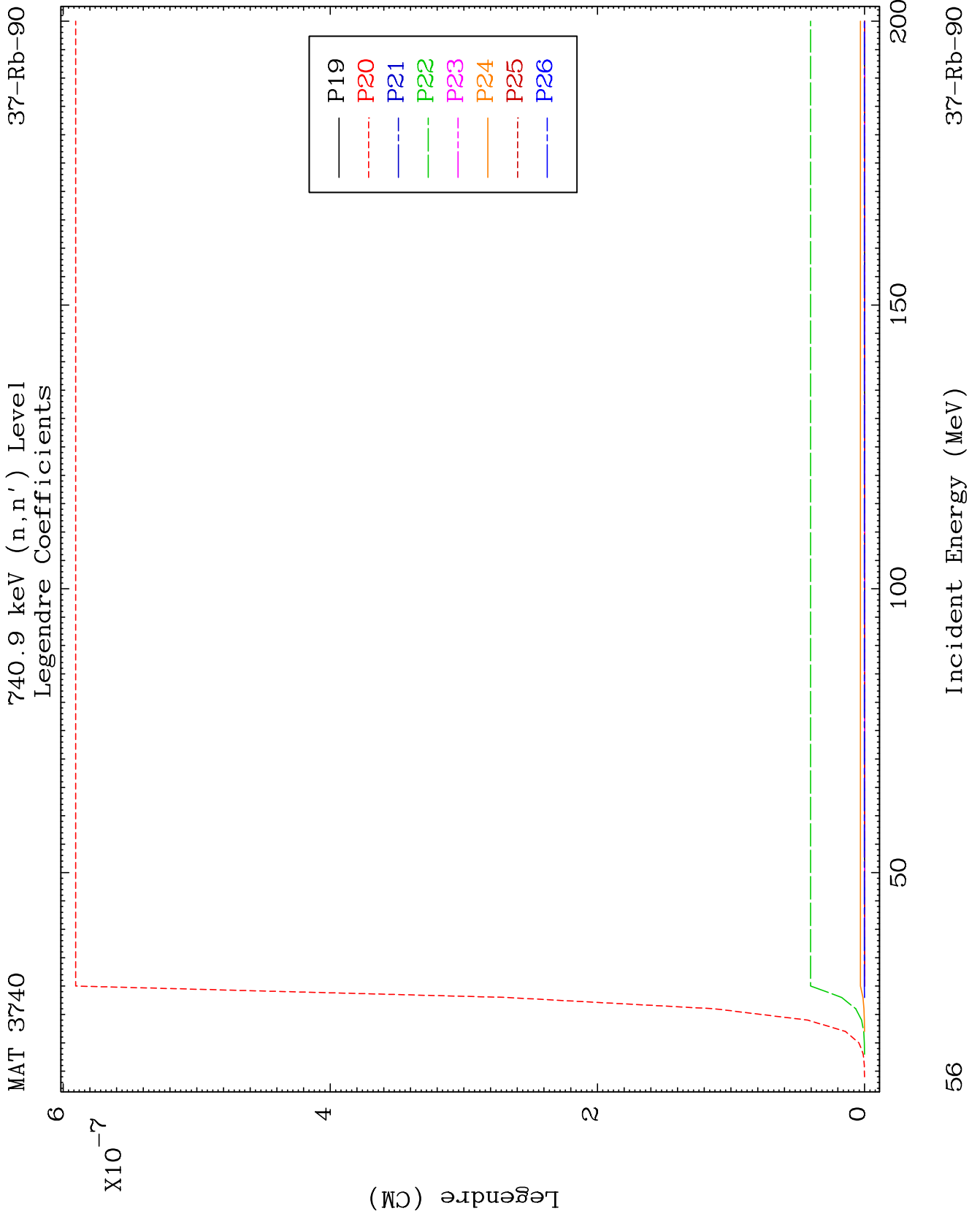








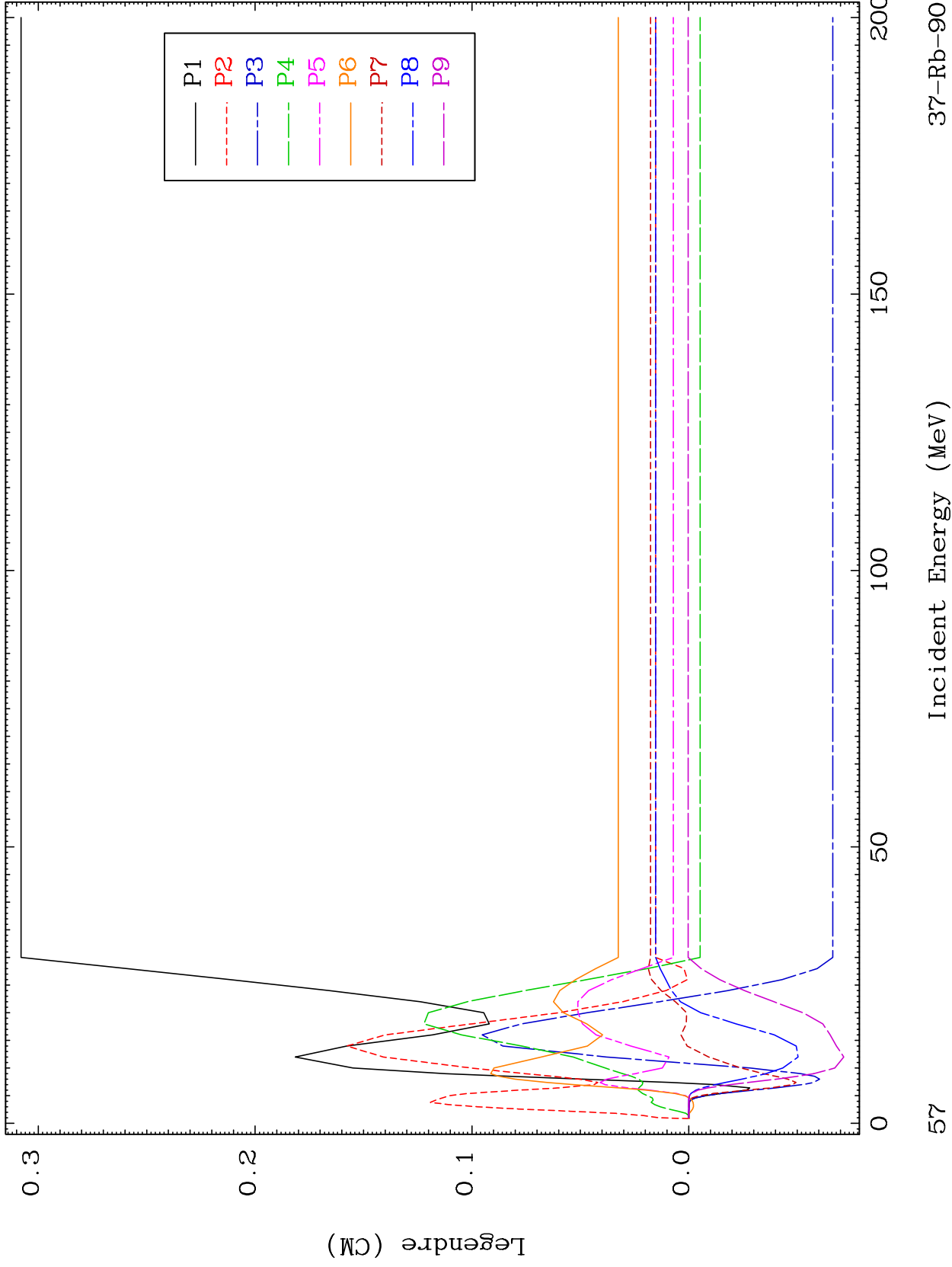




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838.2 keV (n,n') Level
Legendre Coefficients

37-Rb-90



57

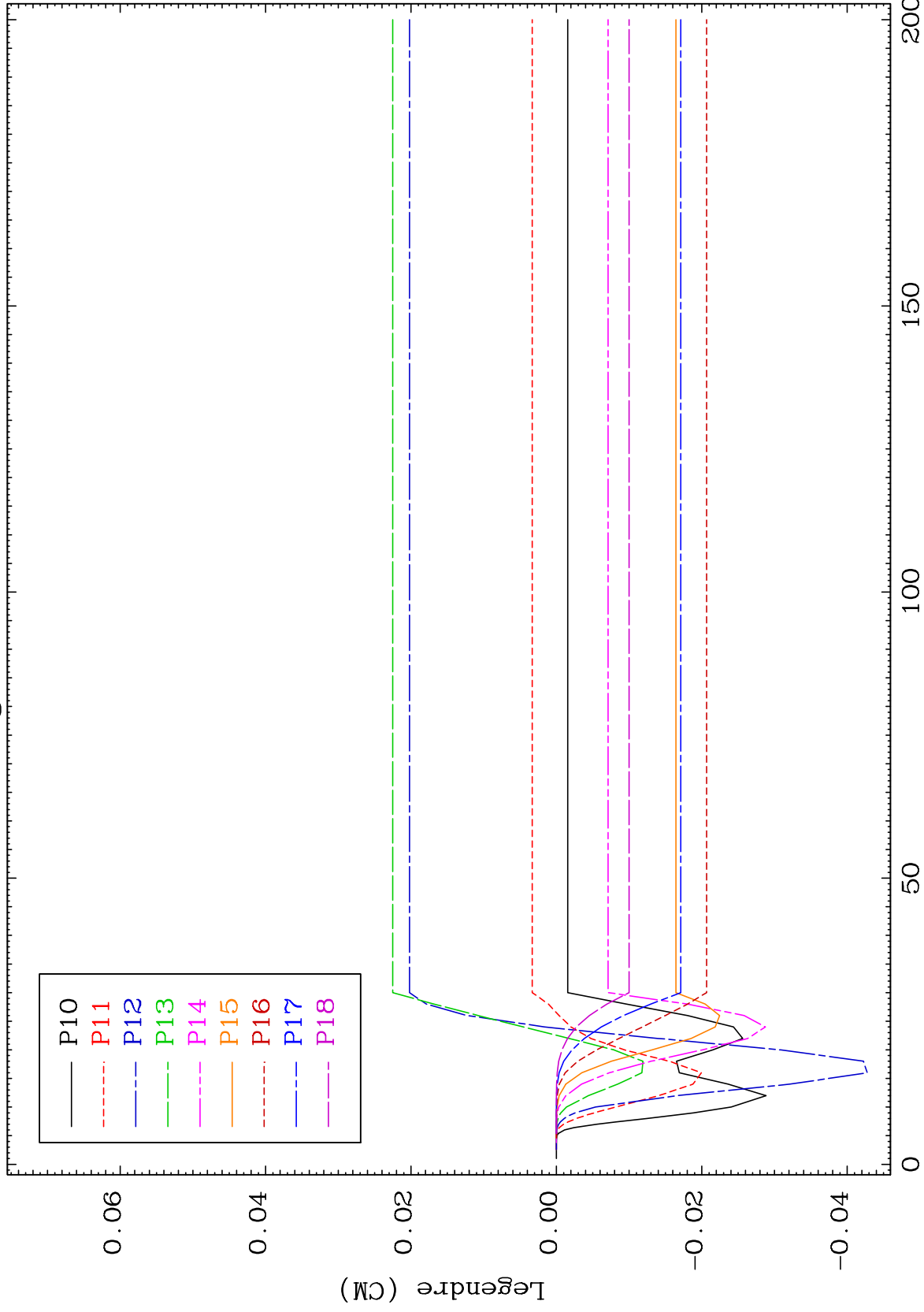
Incident Energy (MeV)

37-Rb-90

MAT 3740

838.2 keV (n,n') Level
Legendre Coefficients

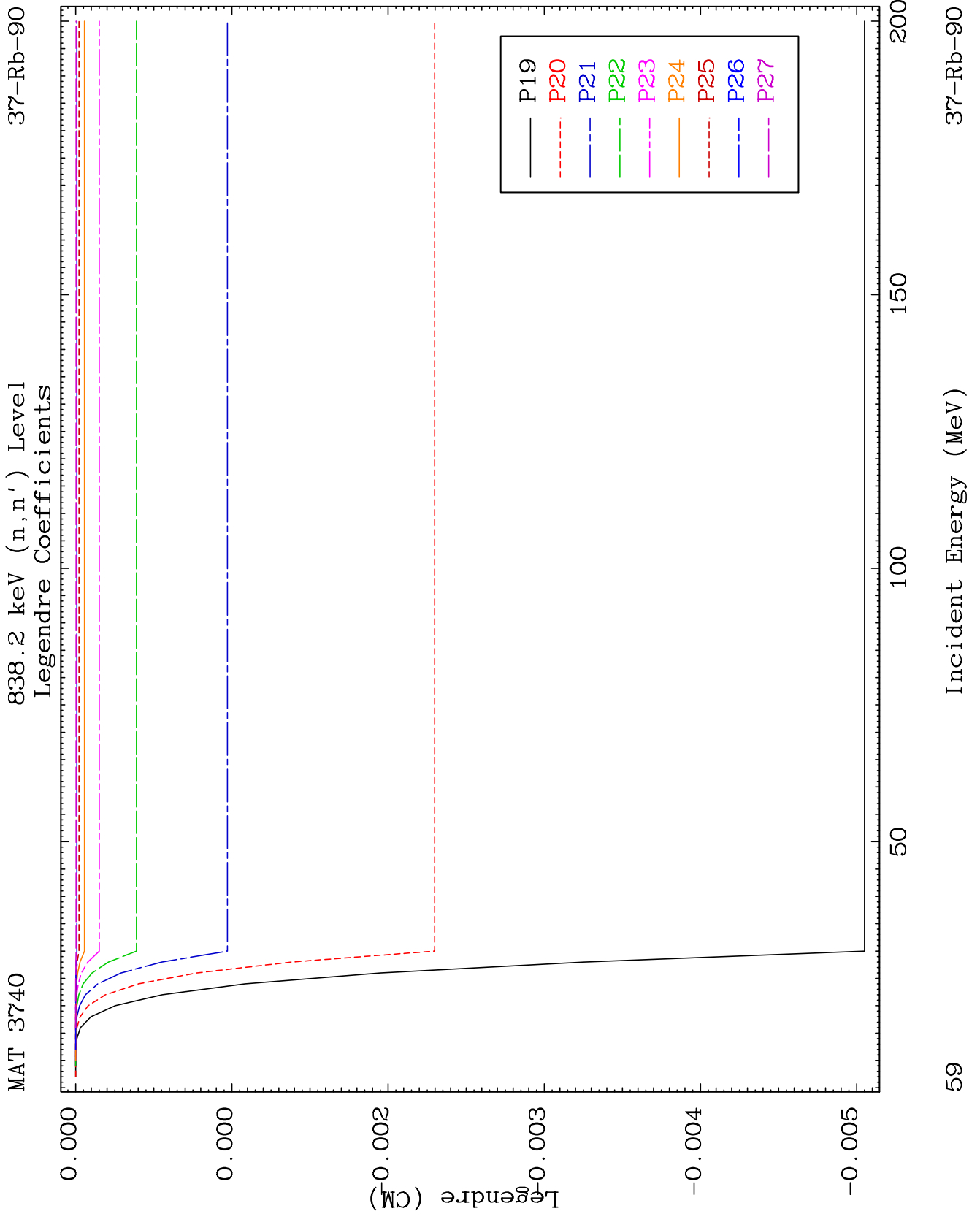
37-Rb-90

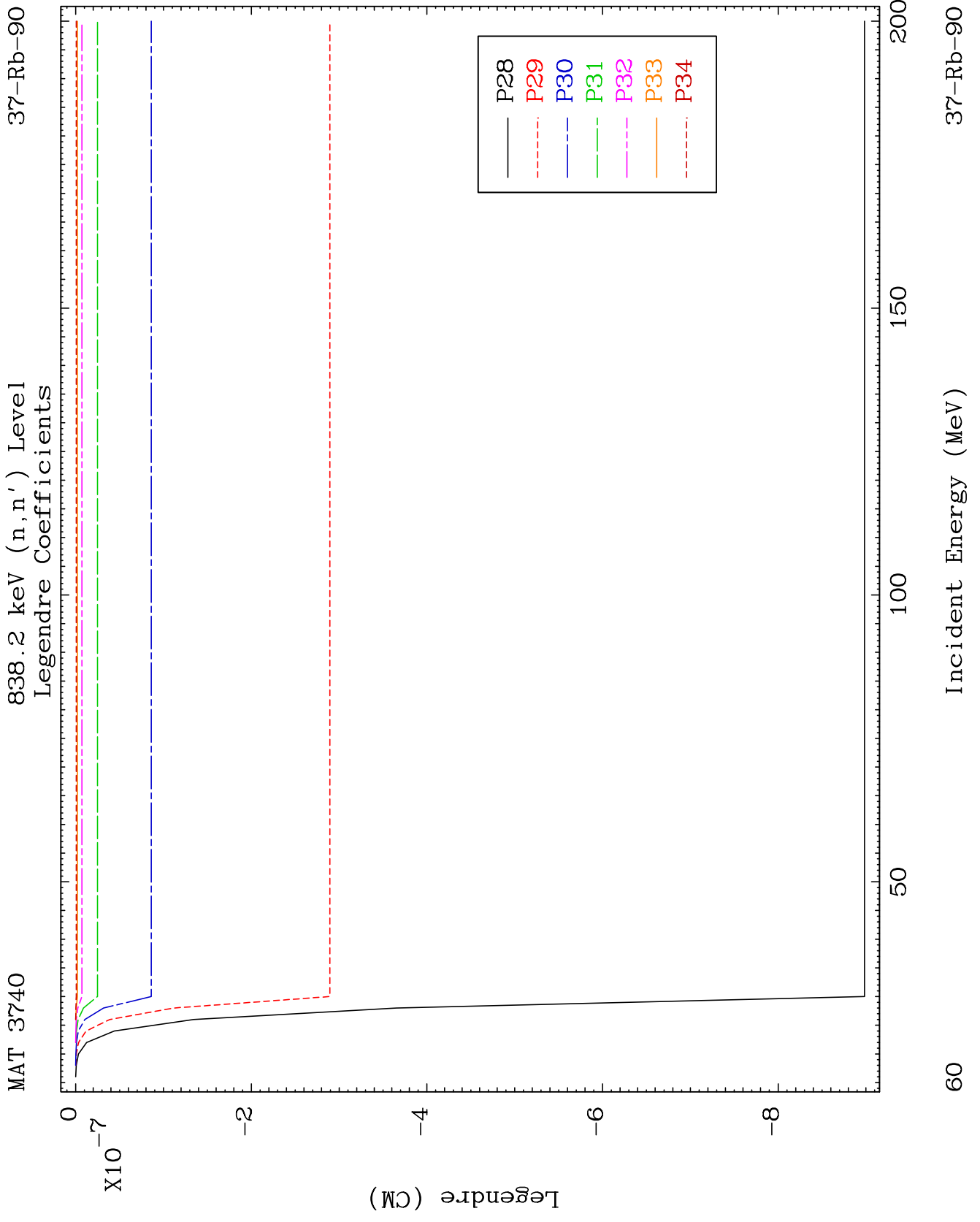


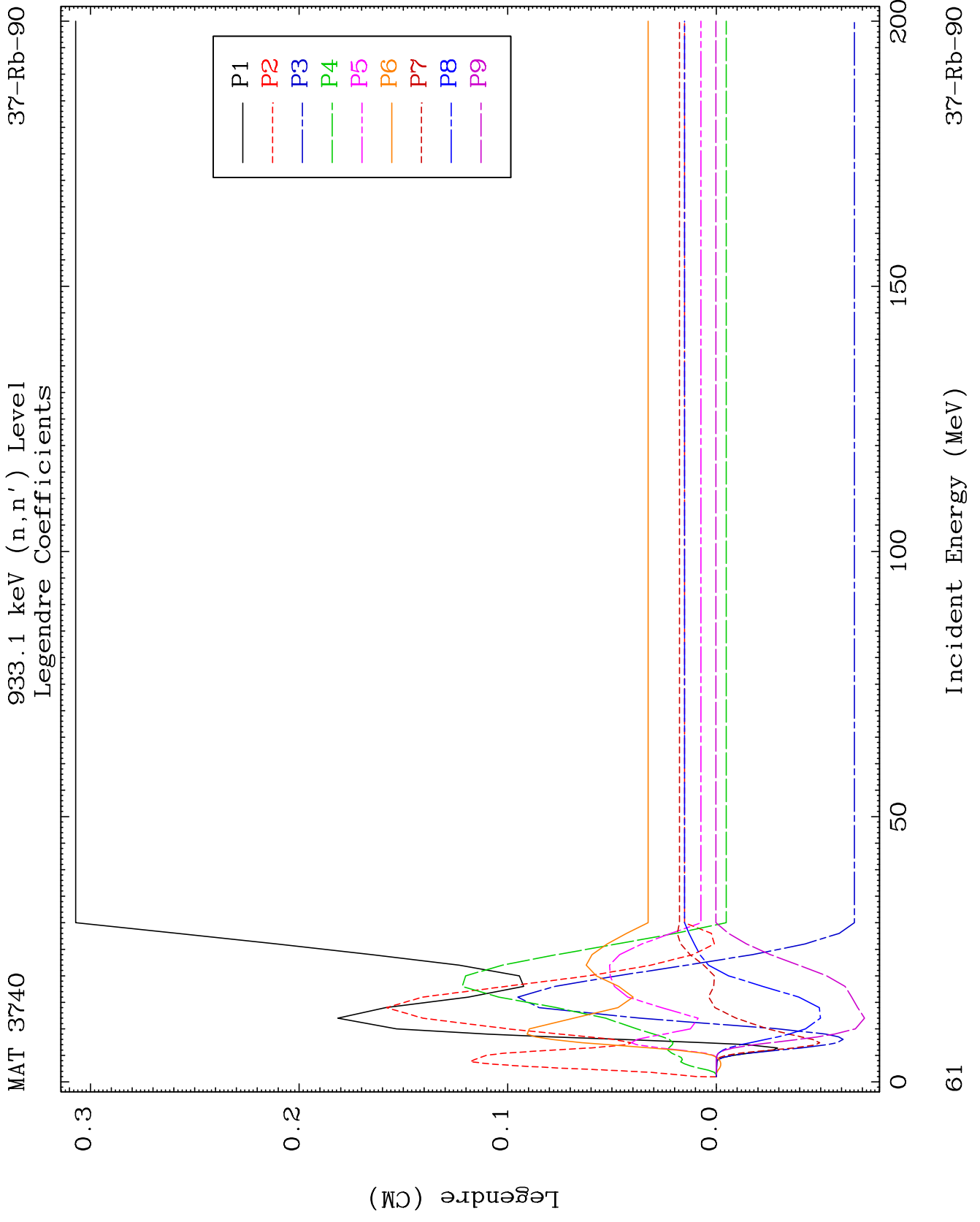
58

Incident Energy (MeV)

37-Rb-90



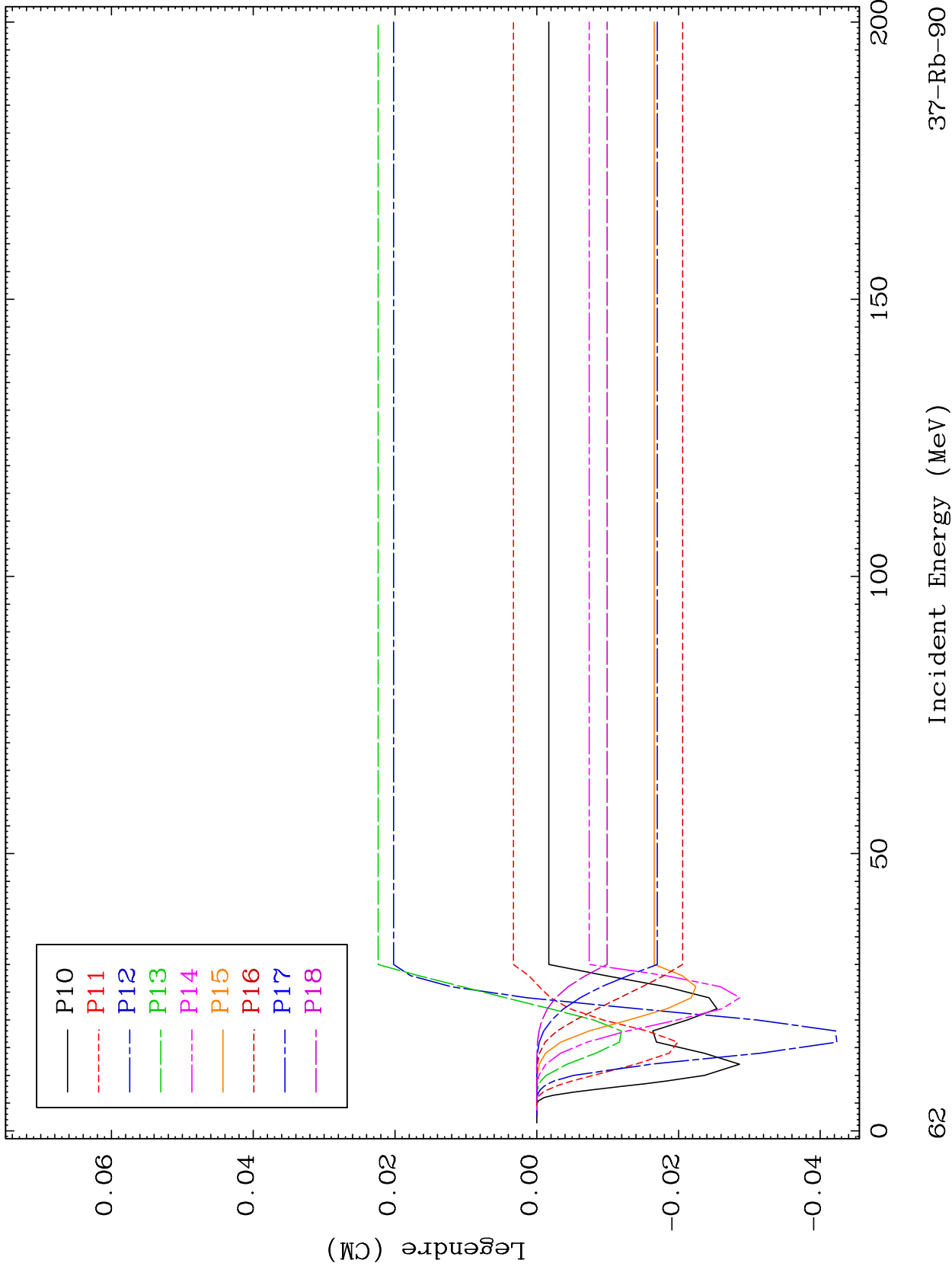




MAT 3740

933.1 keV (n,n') Level
Legendre Coefficients

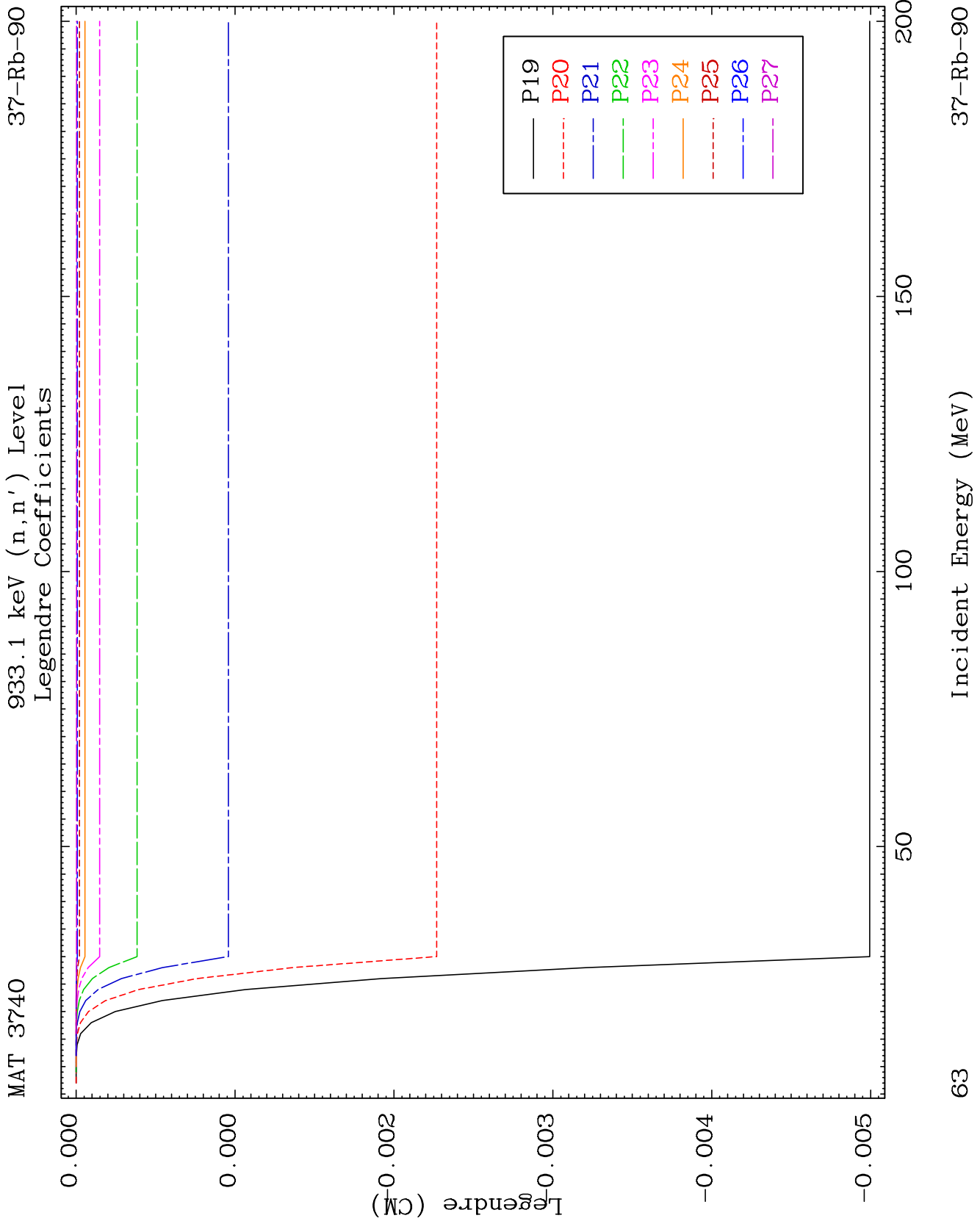
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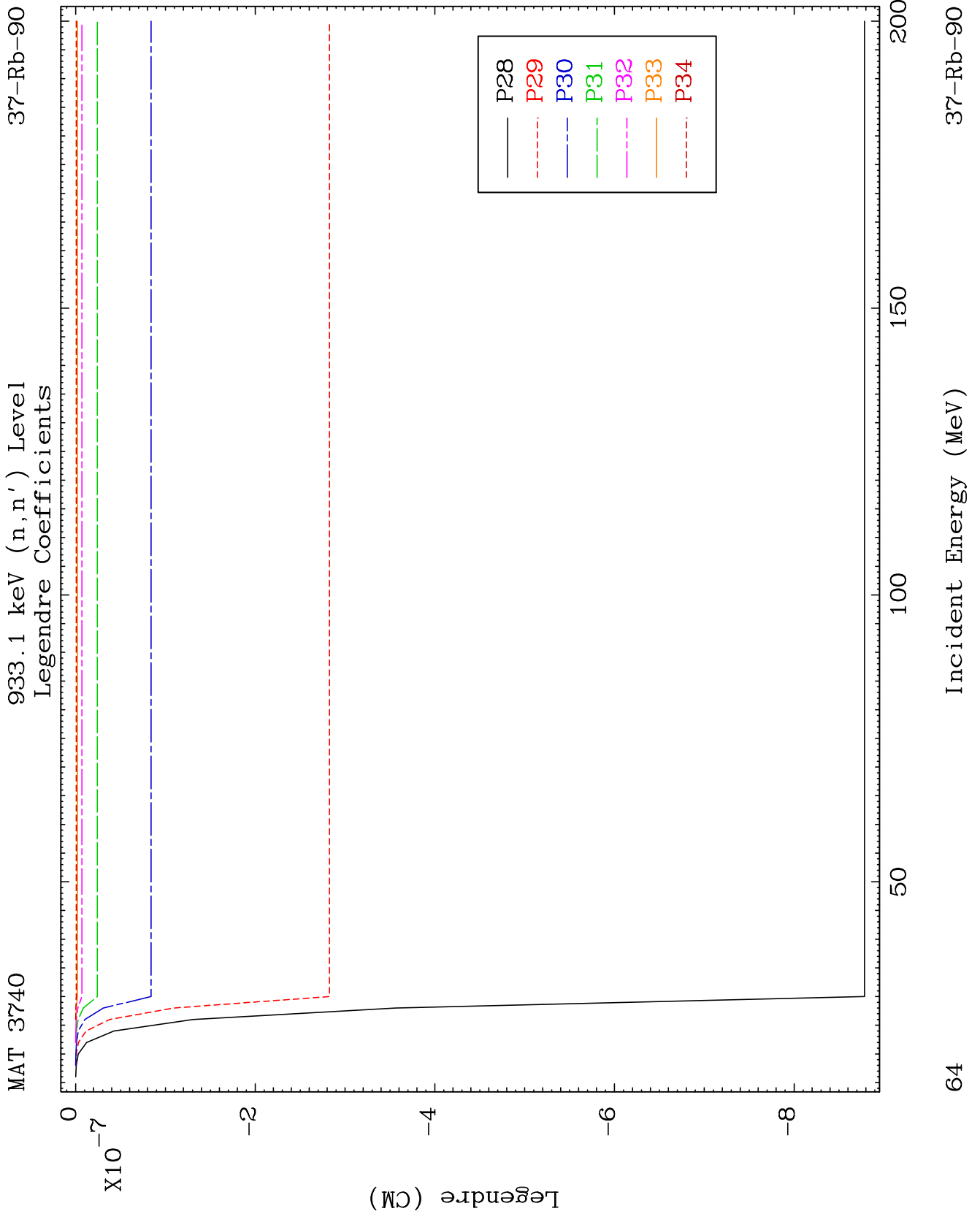


37-Rb-90

Incident Energy (MeV)

62

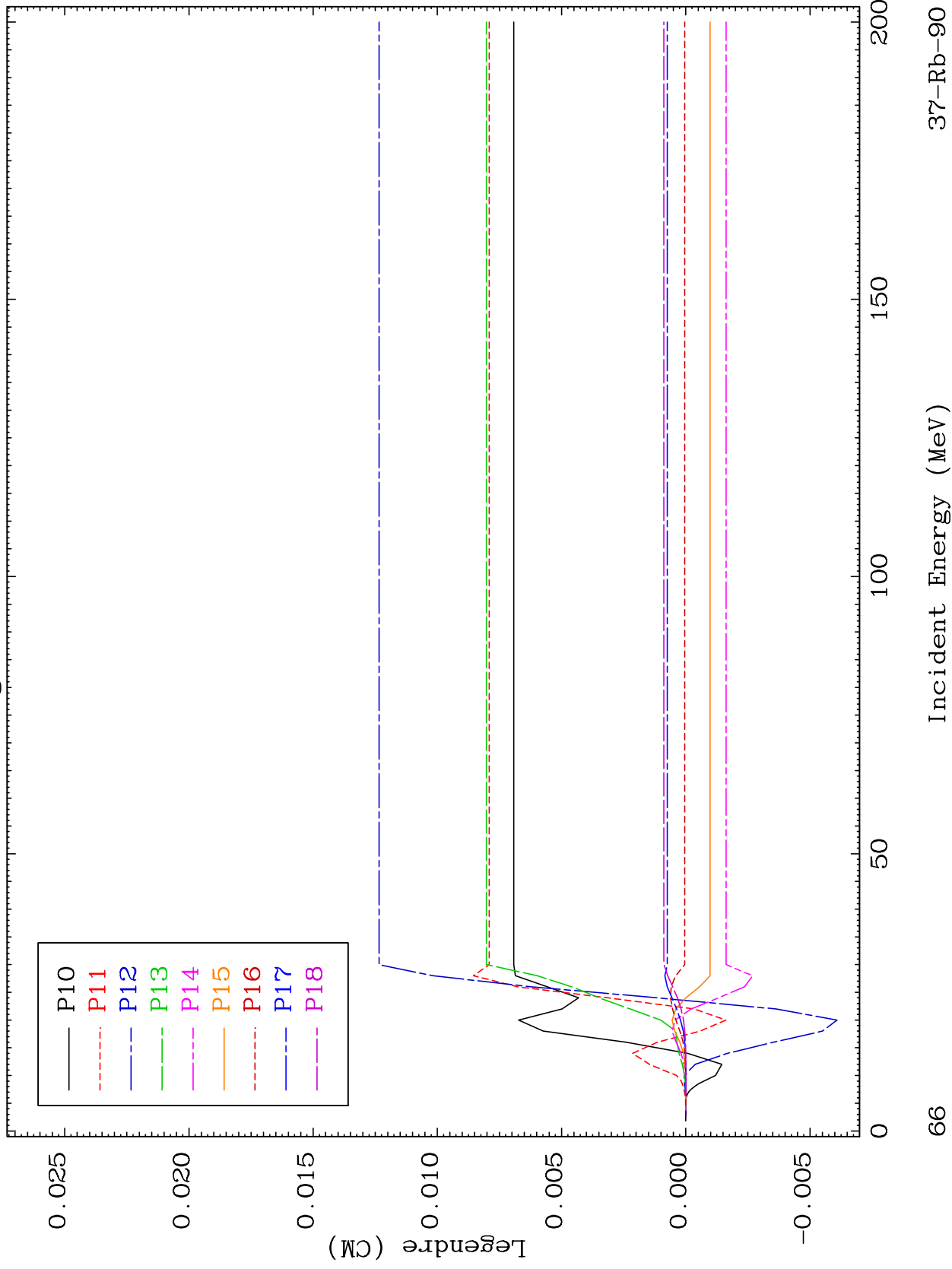




MAT 3740

1.102 MeV (n,n') Level
Legendre Coefficients

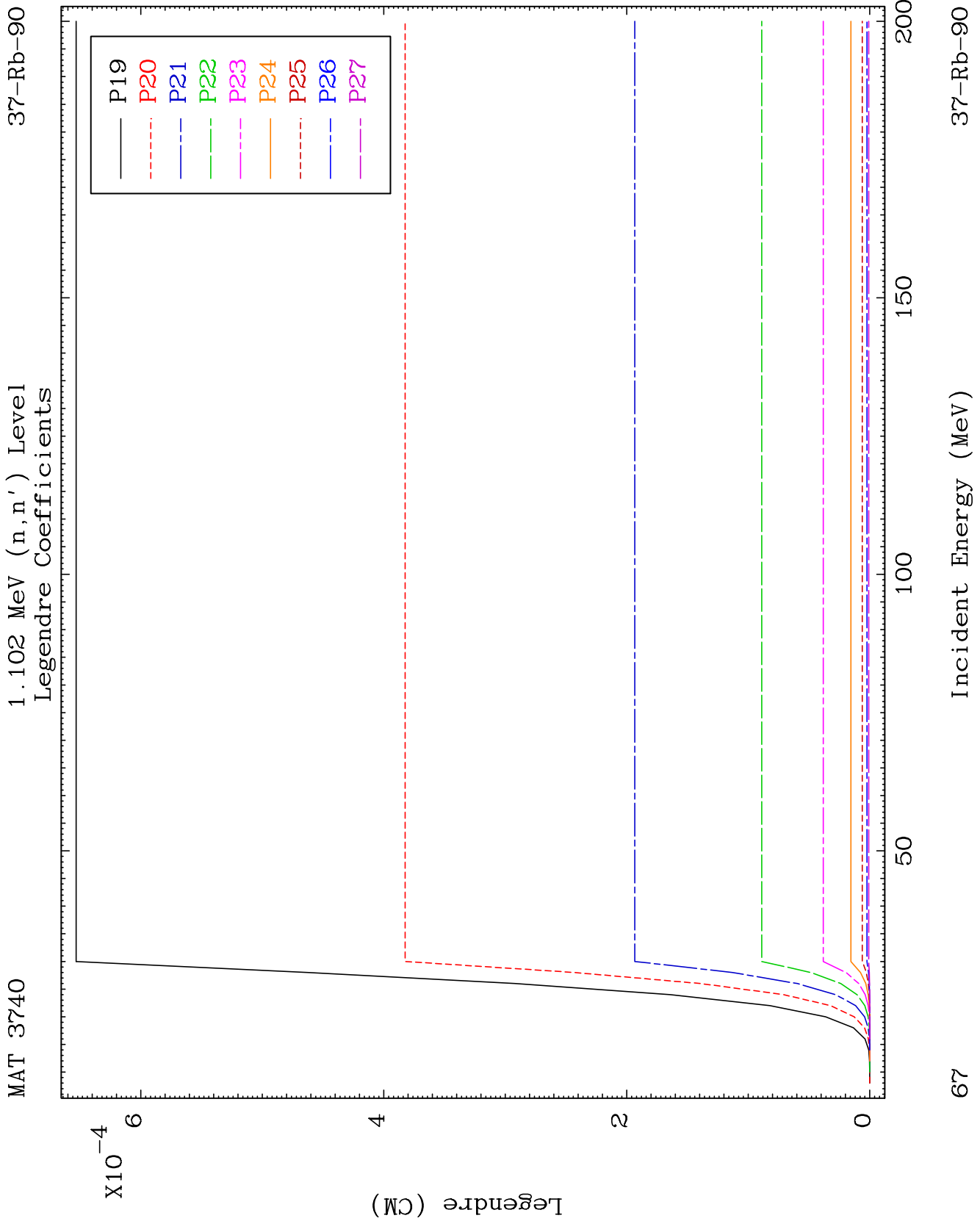
37-Rb-90

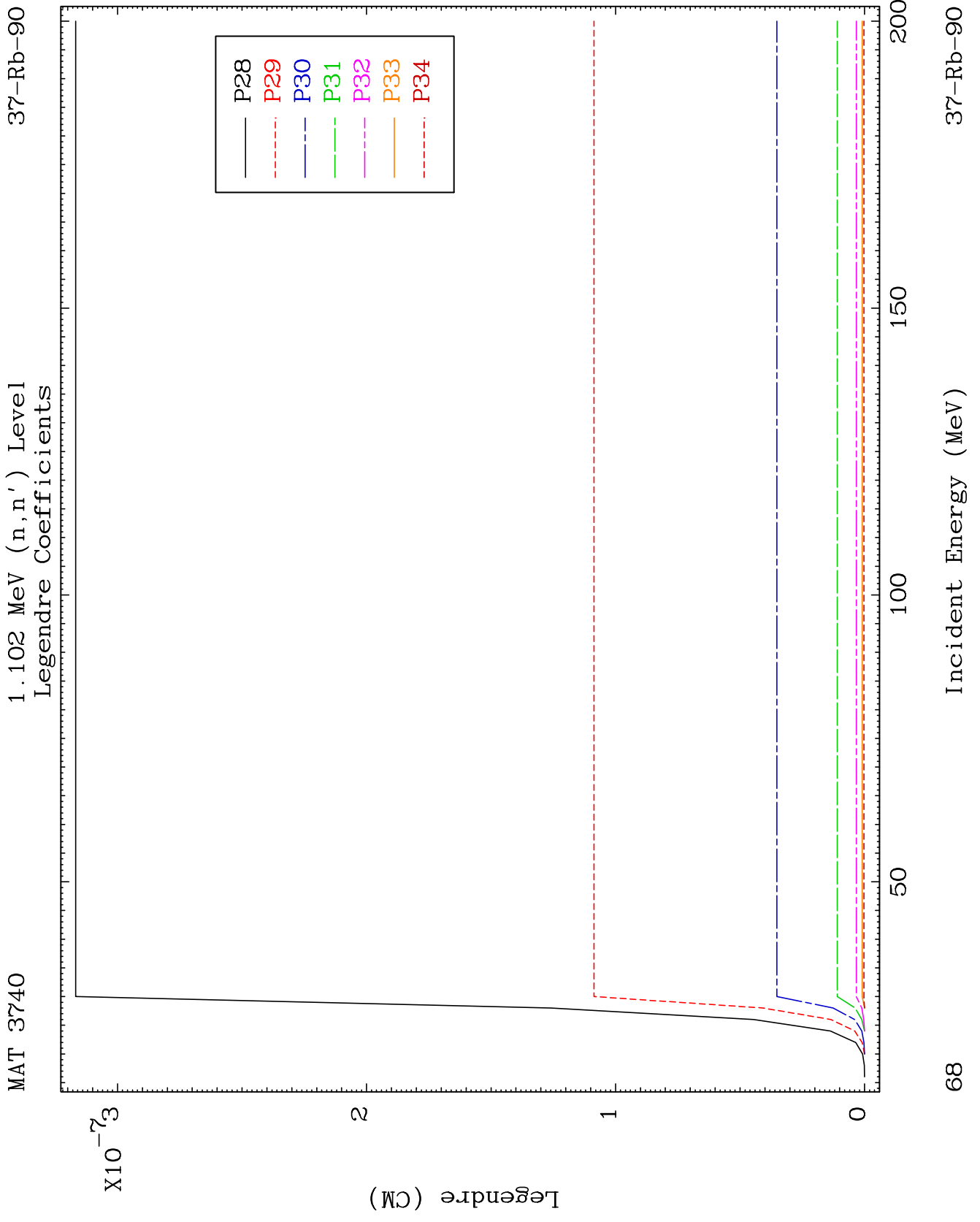


37-Rb-90

Incident Energy (MeV)

66

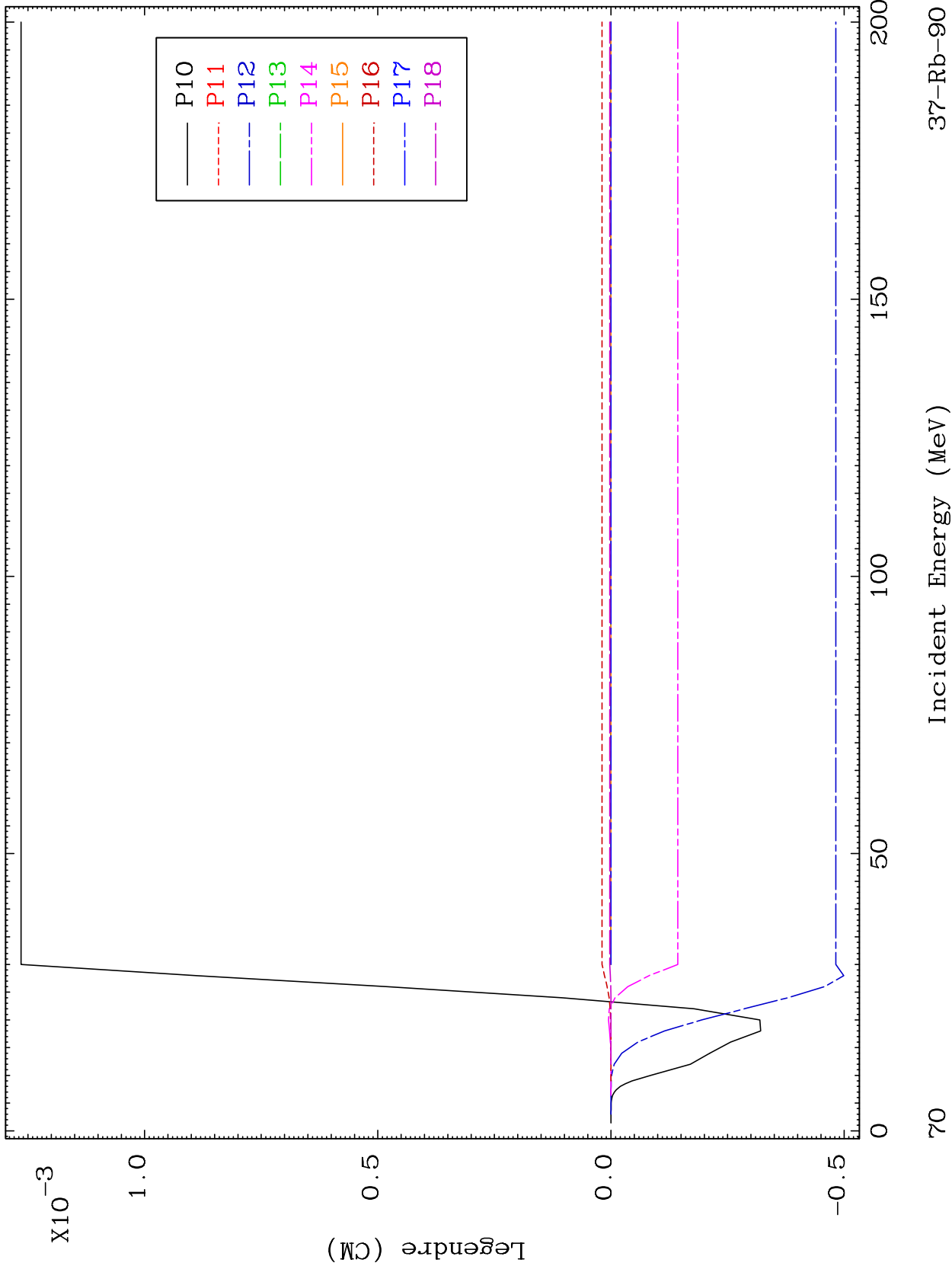




MAT 3740

1.153 MeV (n,n') Level
Legendre Coefficients

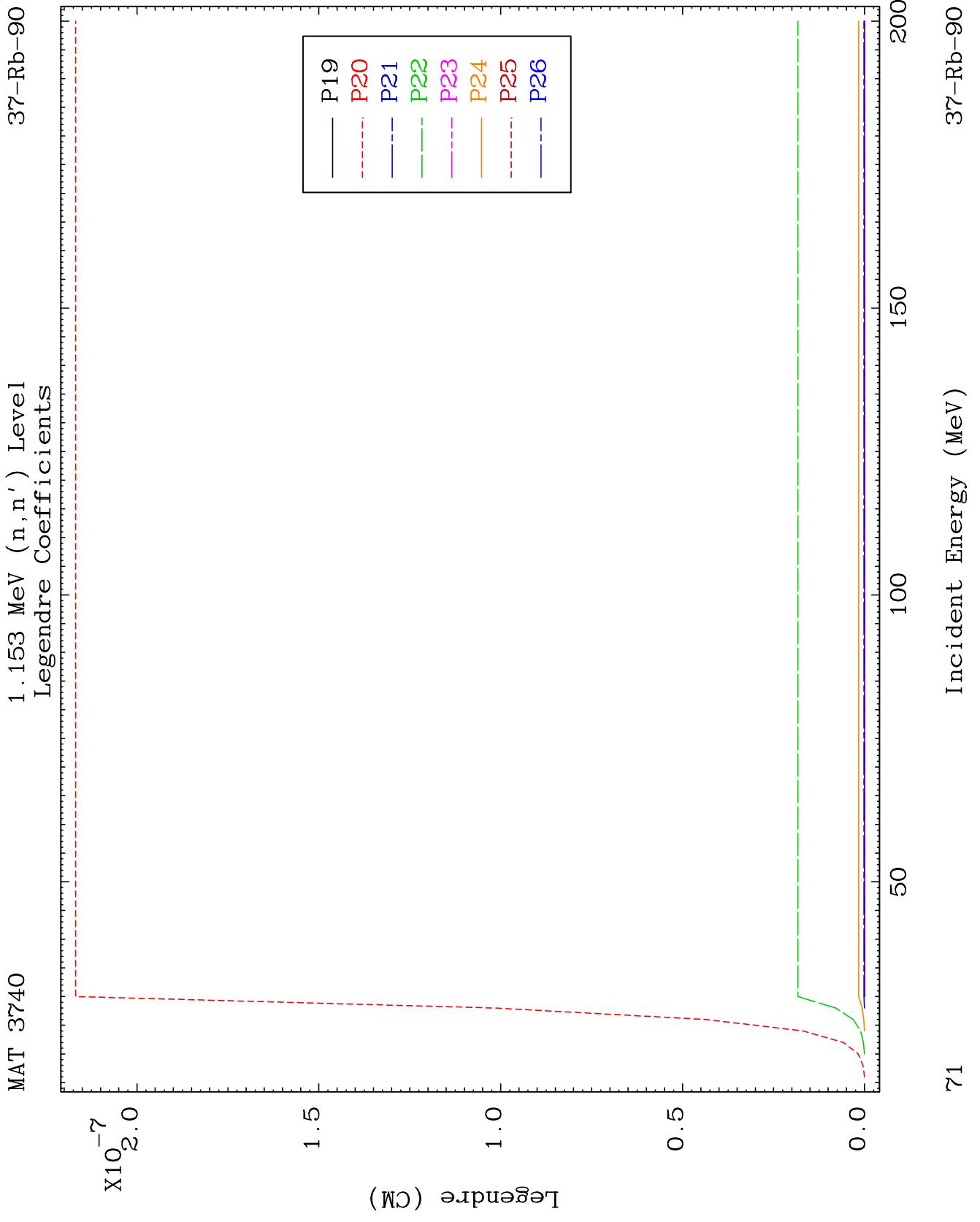
37-Rb-90

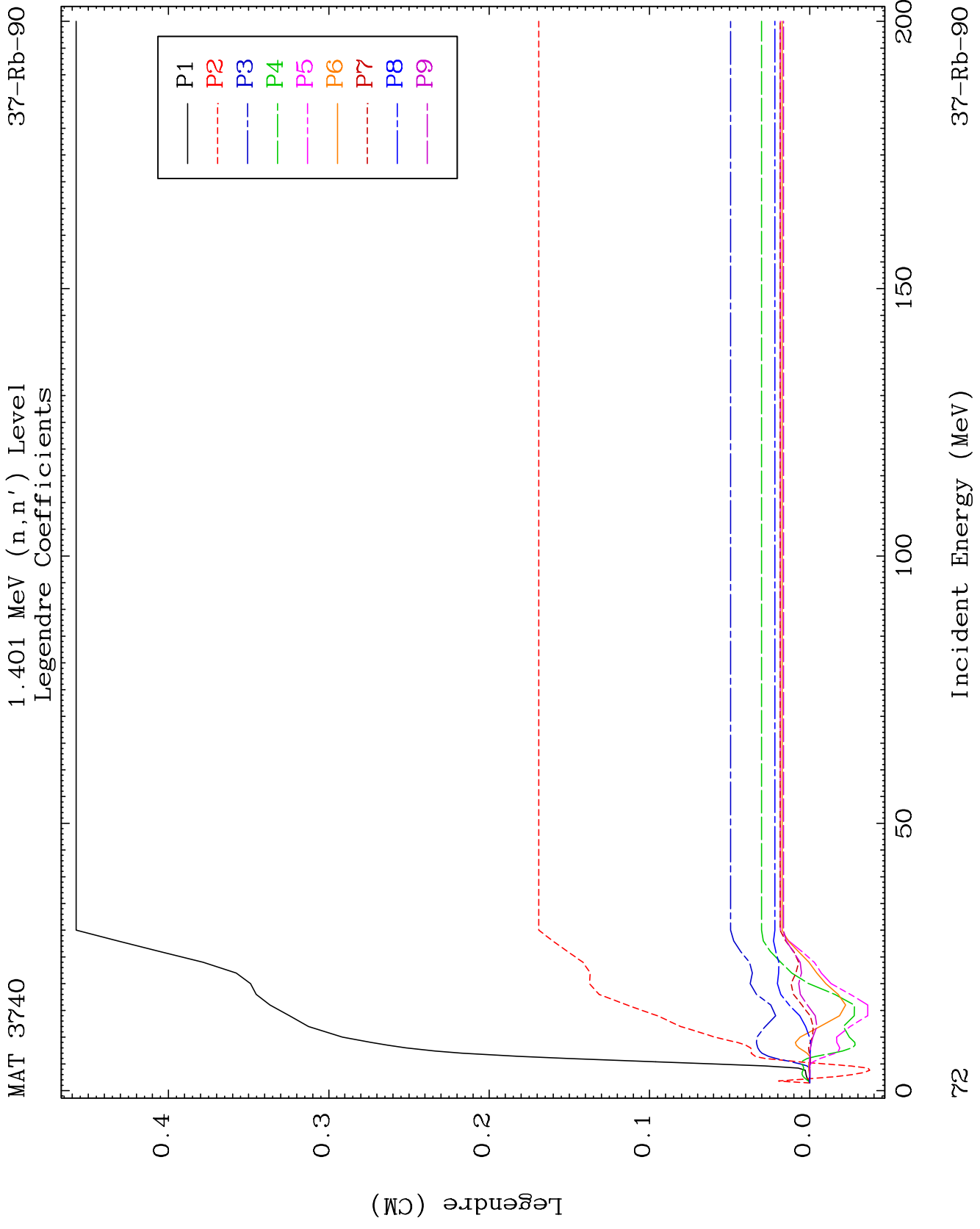


70

Incident Energy (MeV)

37-Rb-90

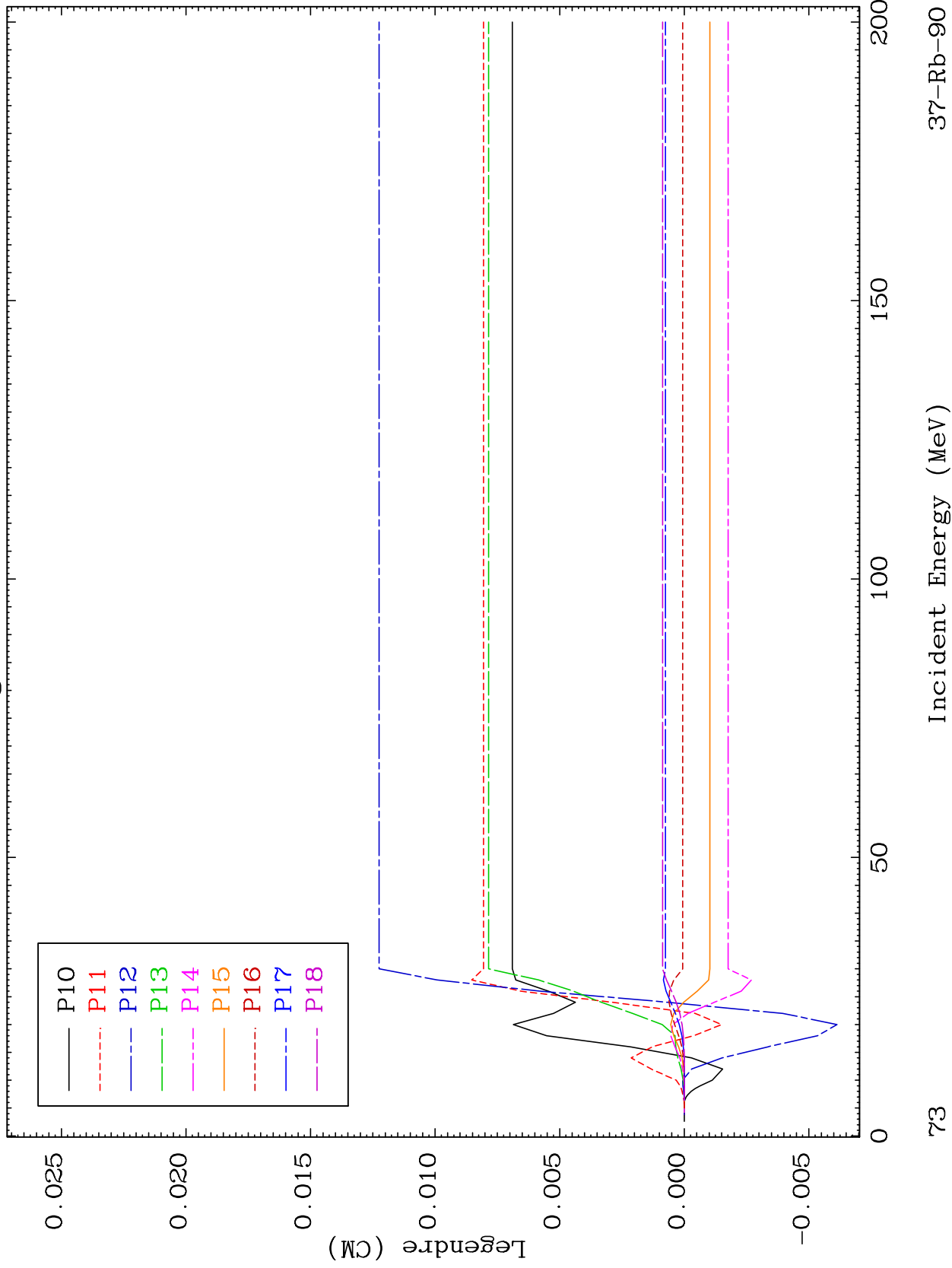




MAT 3740

1.401 MeV (n,n') Level
Legendre Coefficients

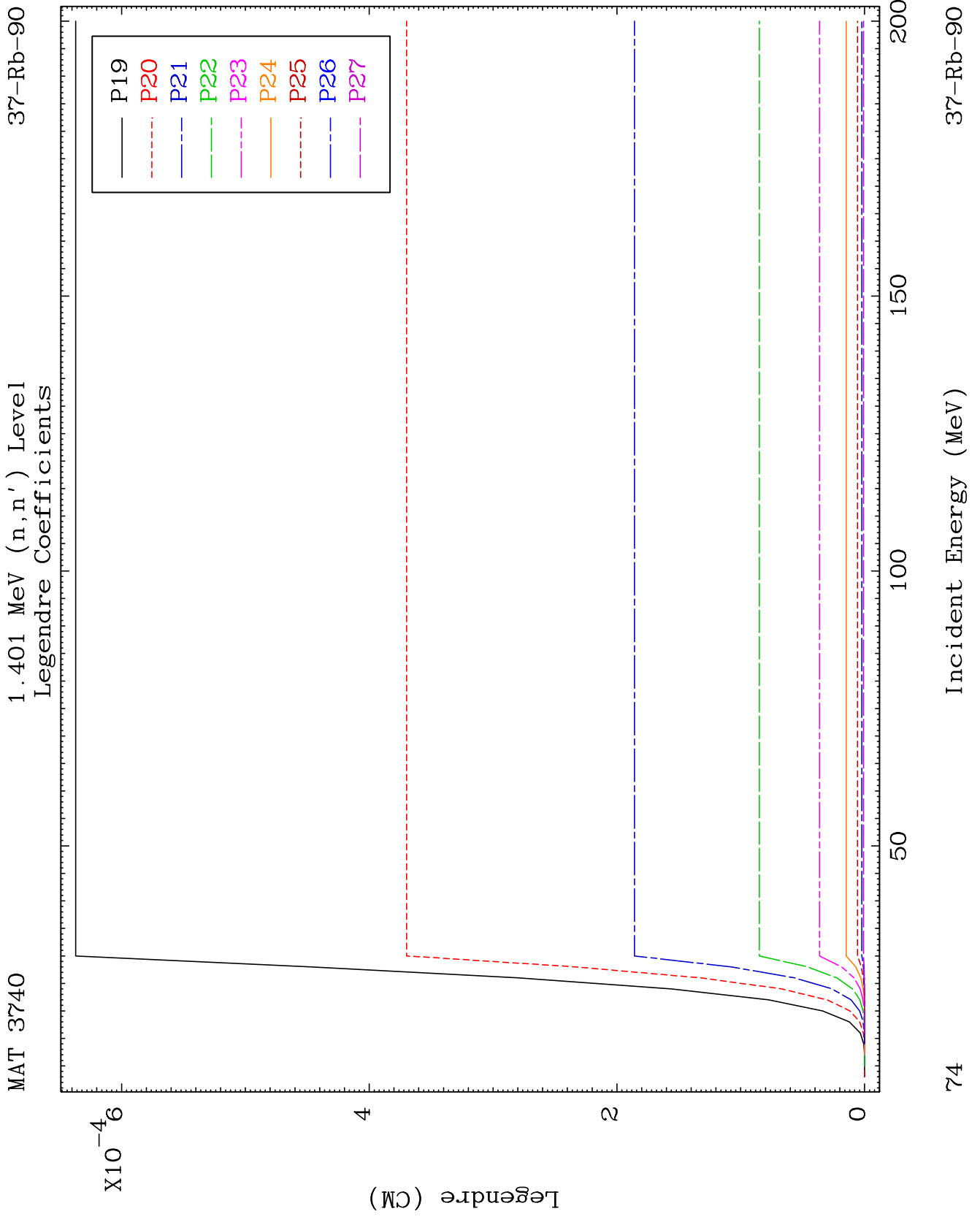
37-Rb-90

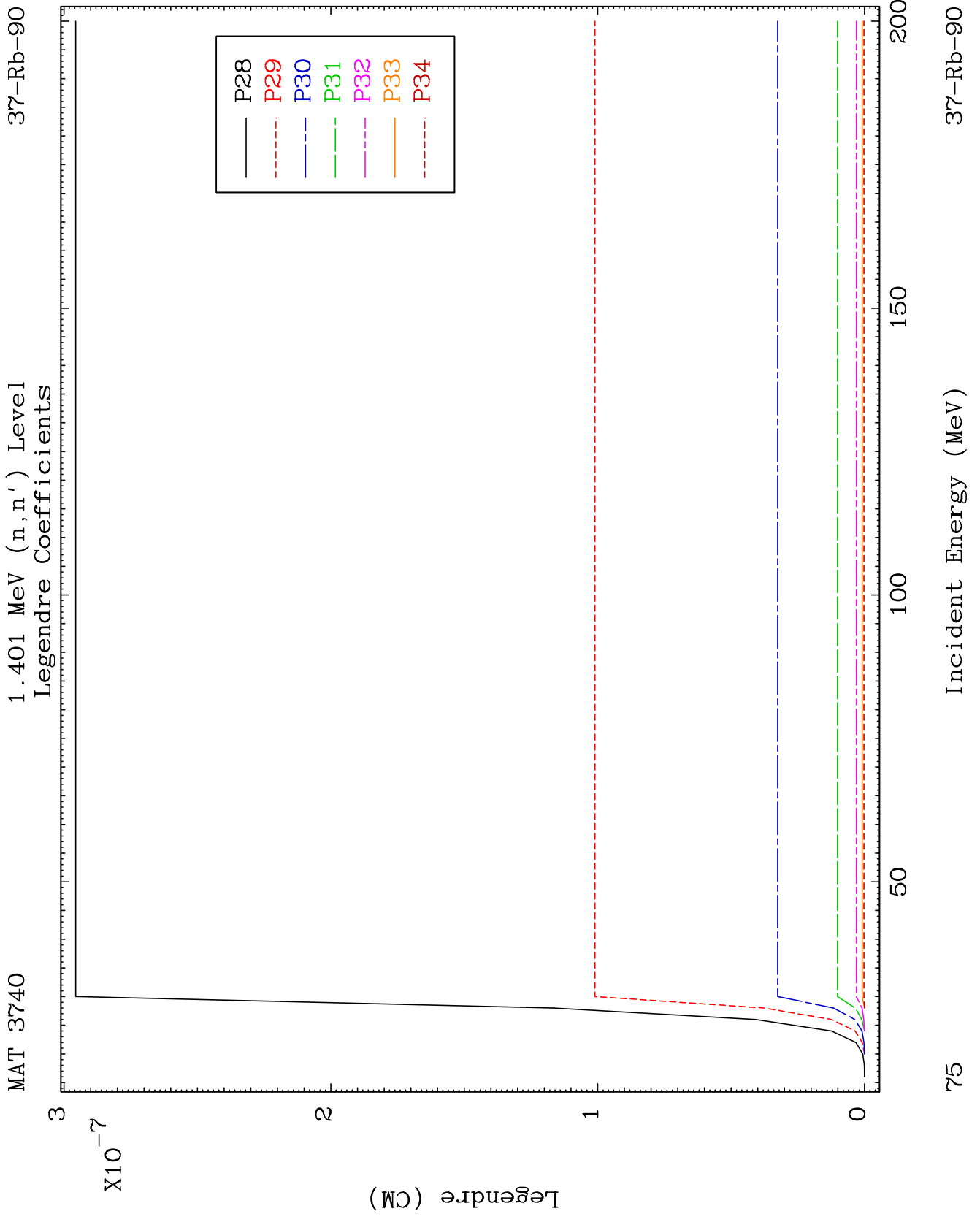


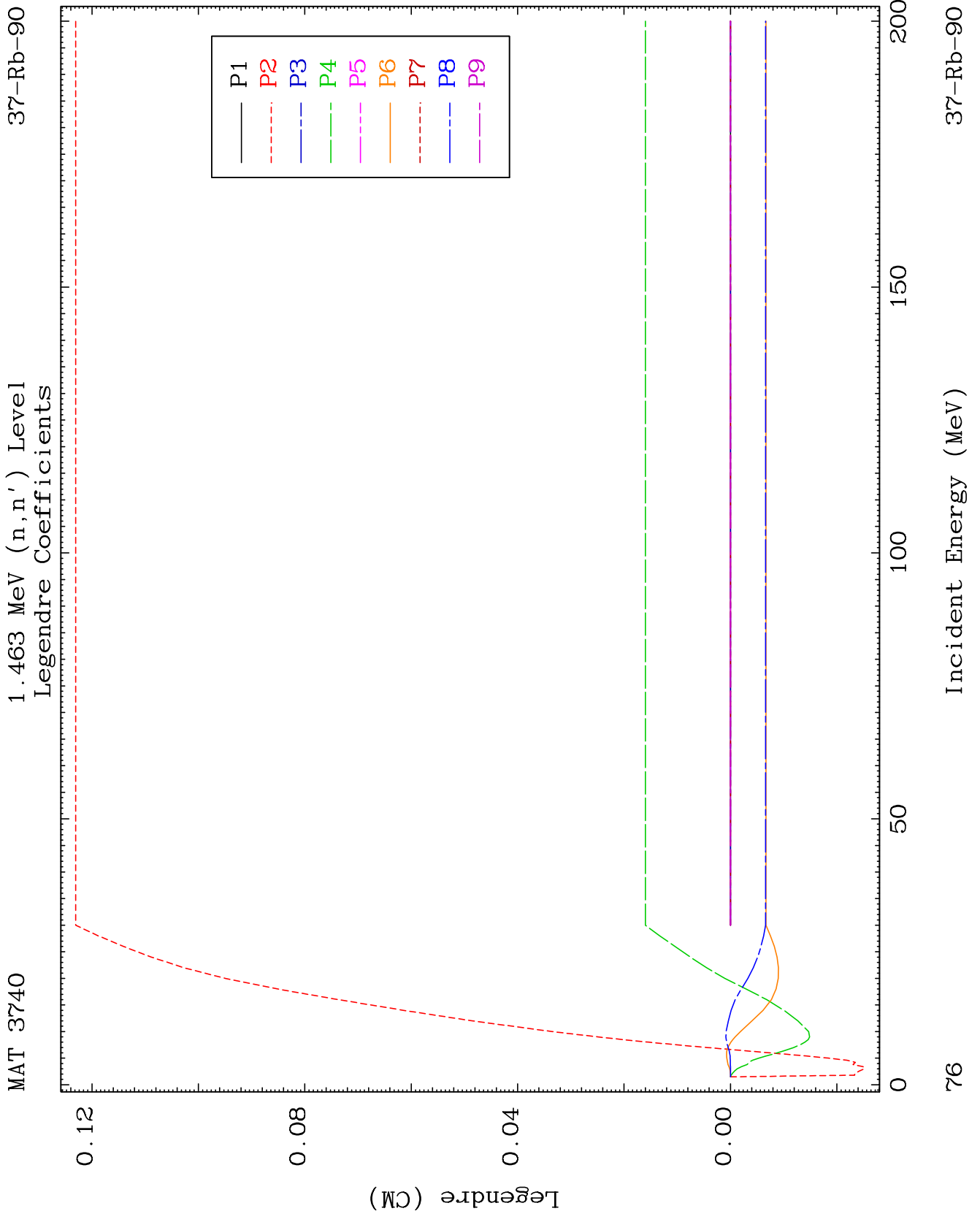
73

Incident Energy (MeV)

37-Rb-90



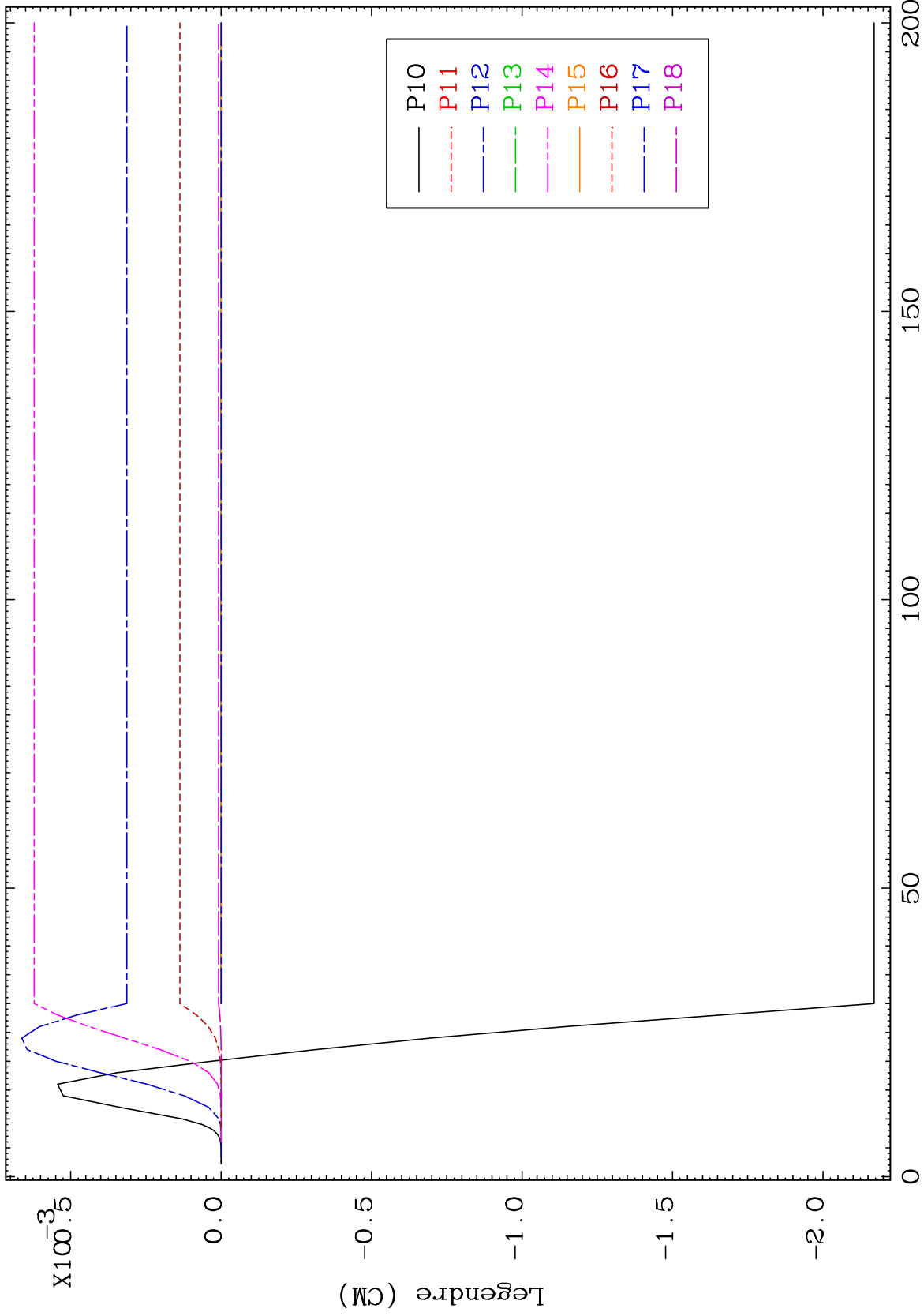




MAT 3740

1.463 MeV (n,n') Level
Legendre Coefficients

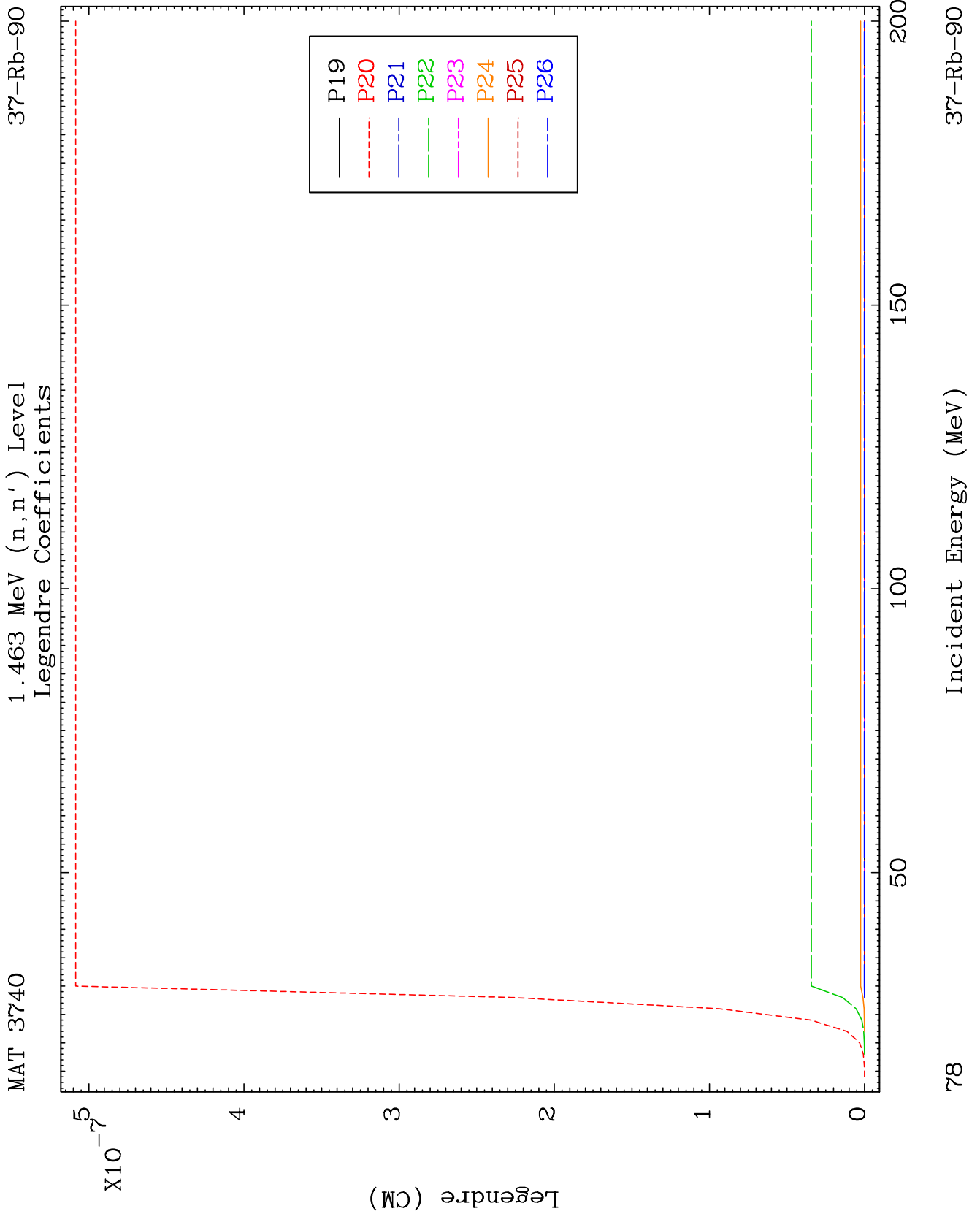
37-Rb-90

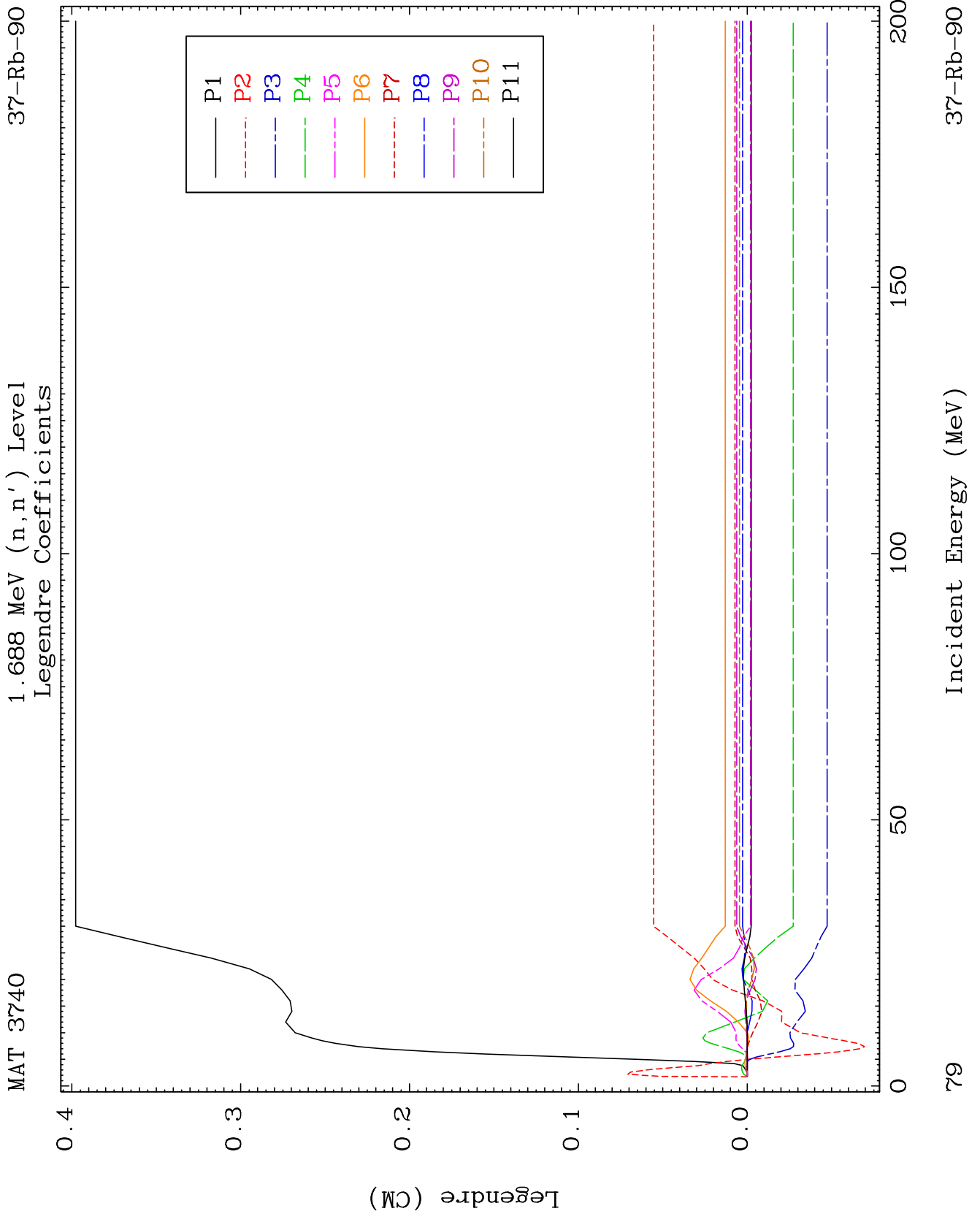


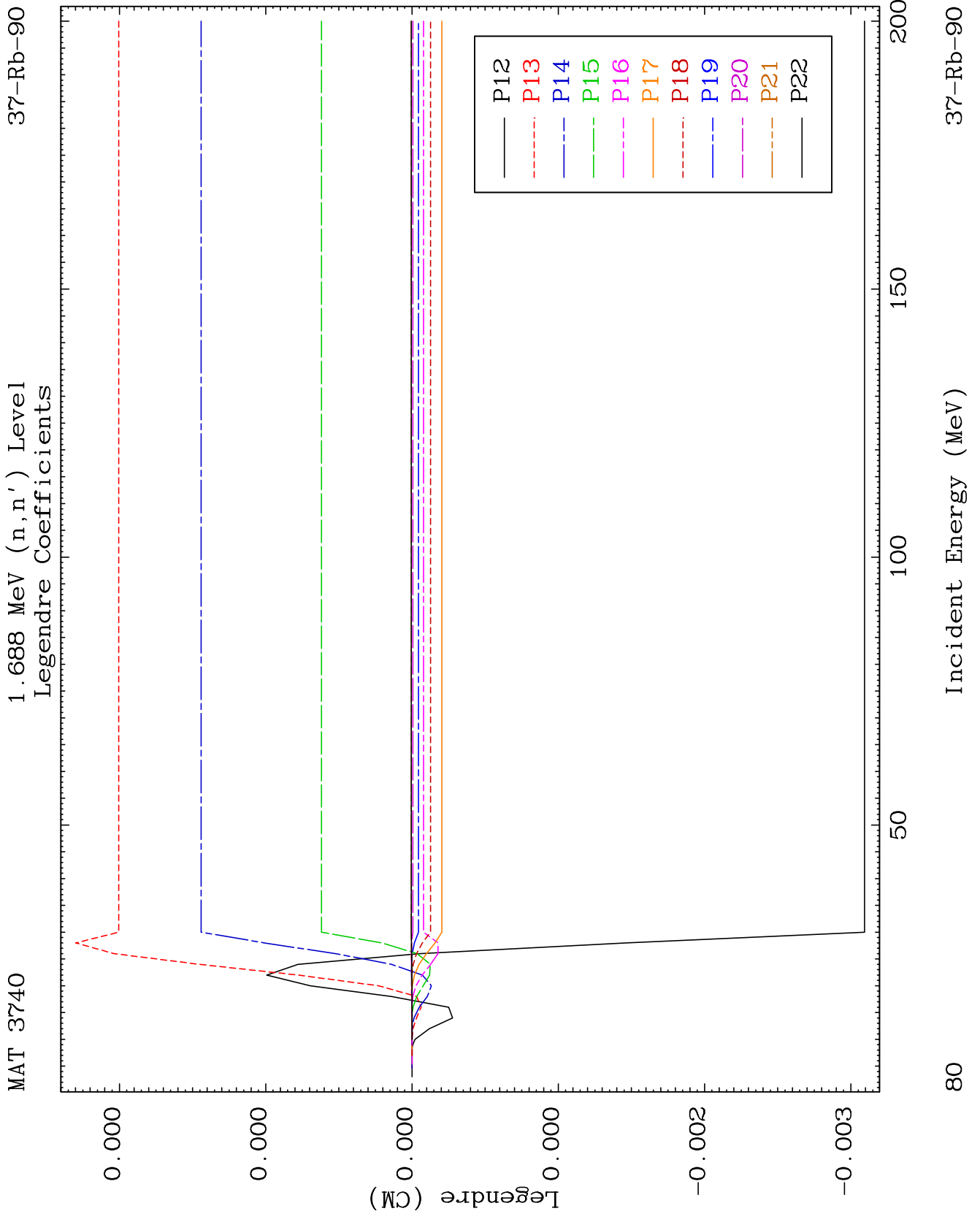
77

Incident Energy (MeV)

37-Rb-90



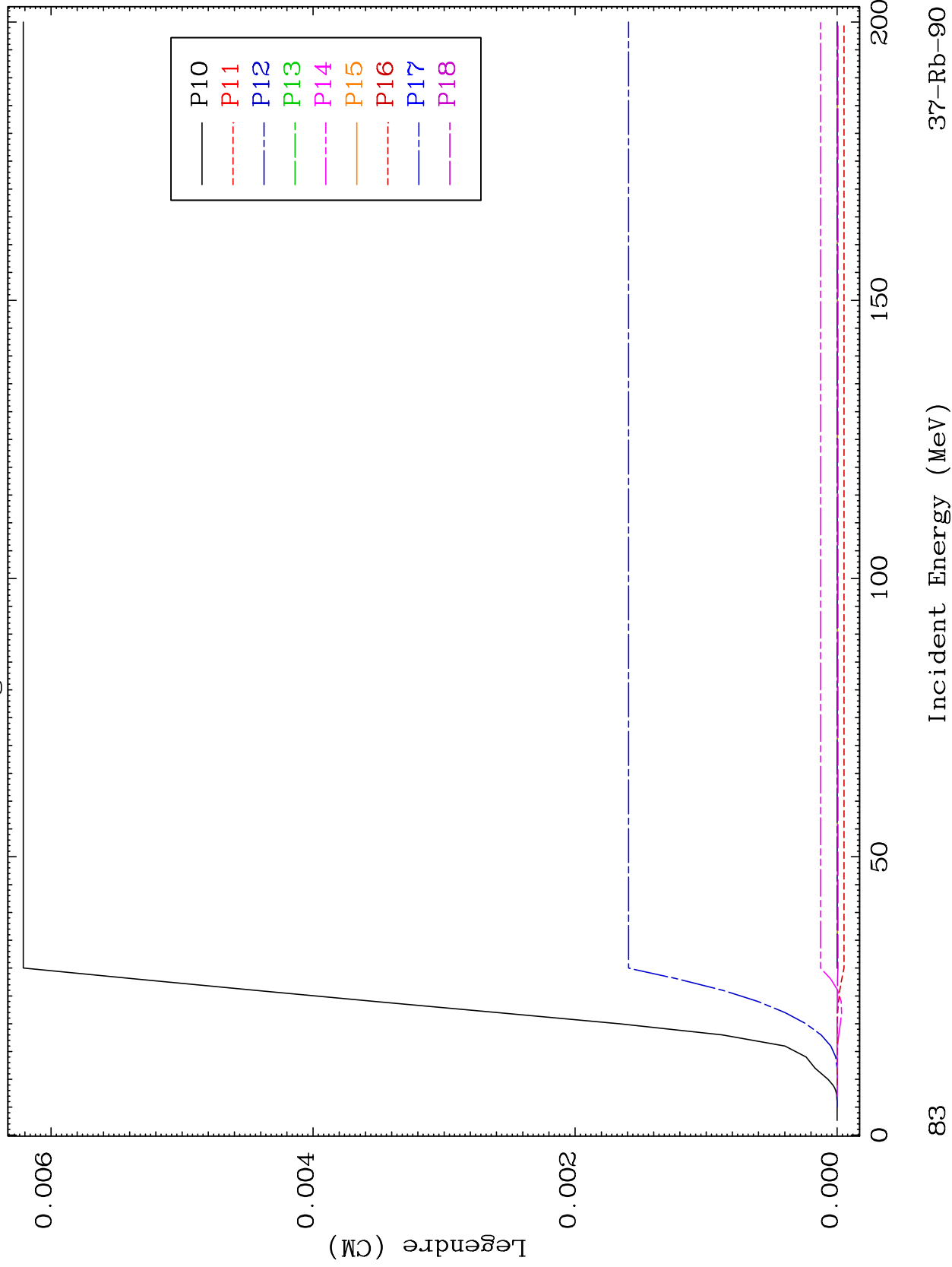


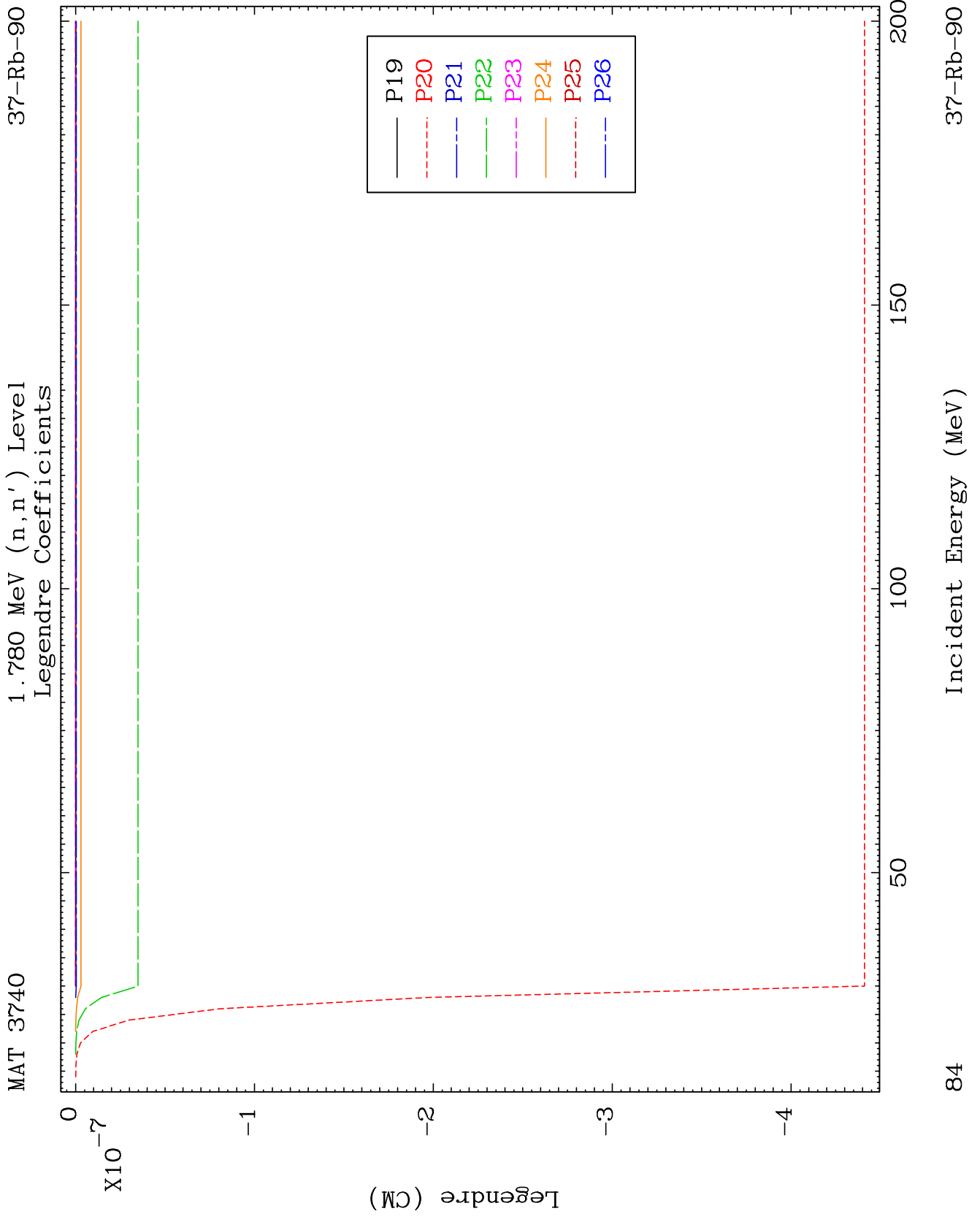


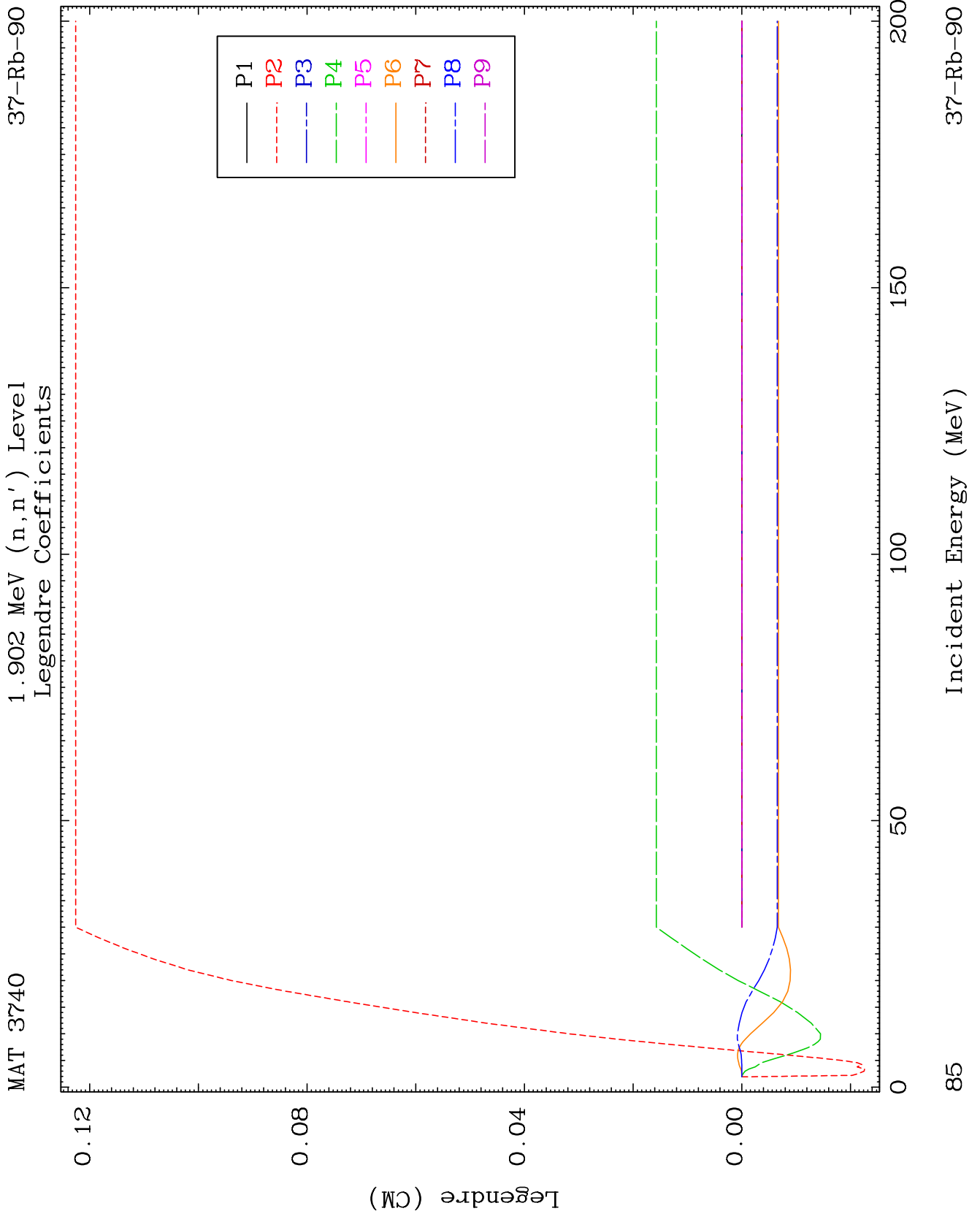
MAT 3740

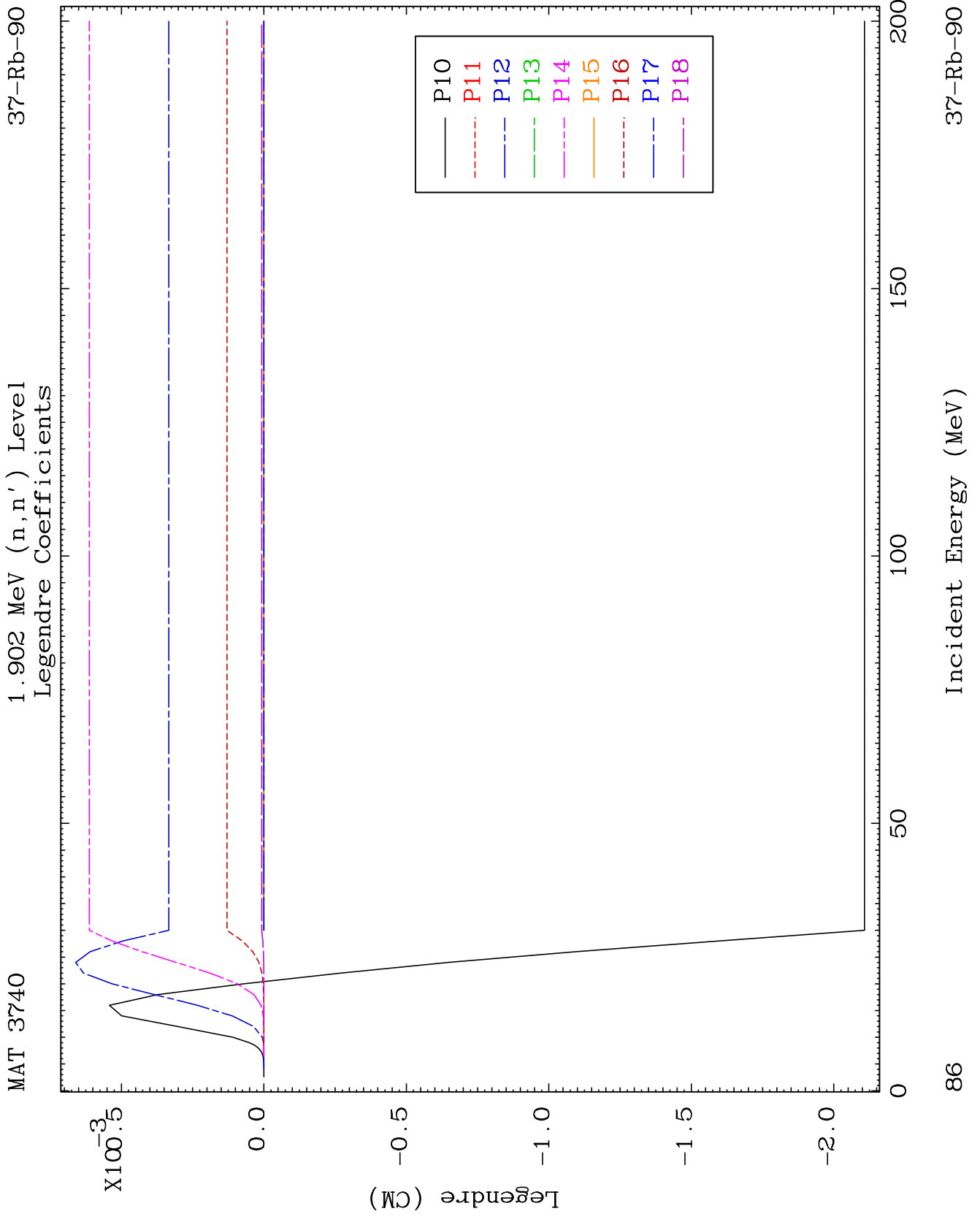
1.780 MeV (n,n') Level
Legendre Coefficients

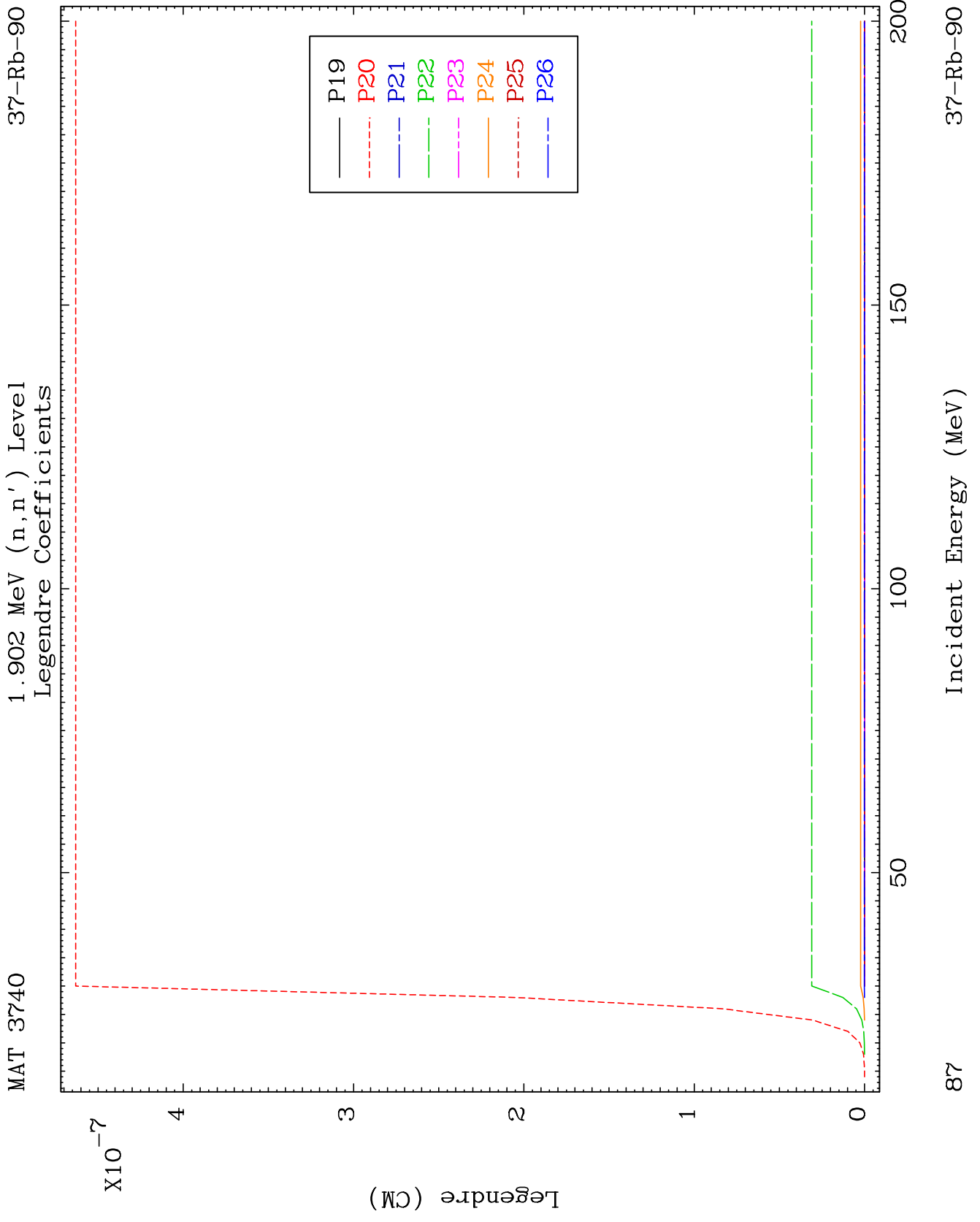
37-Rb-90

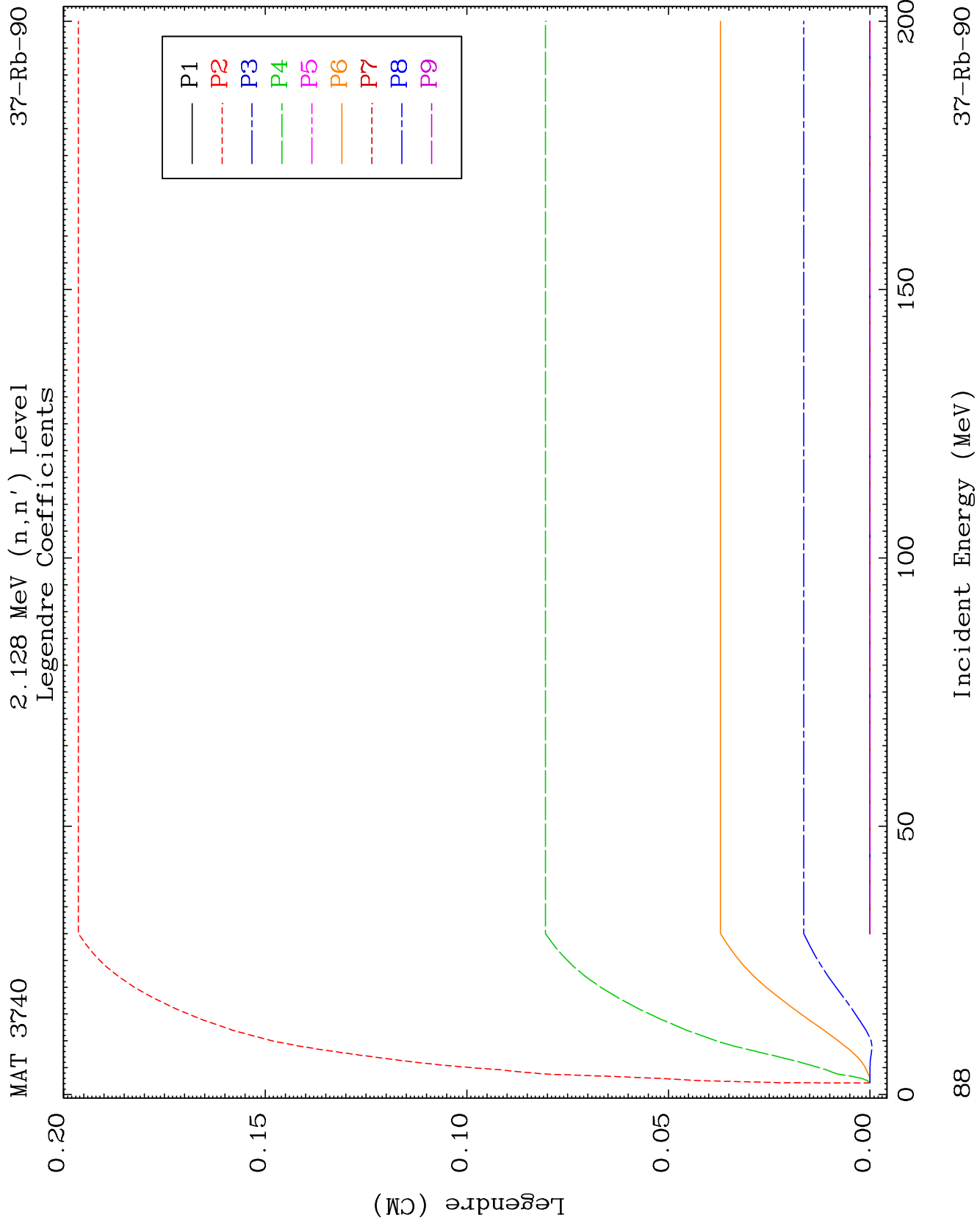








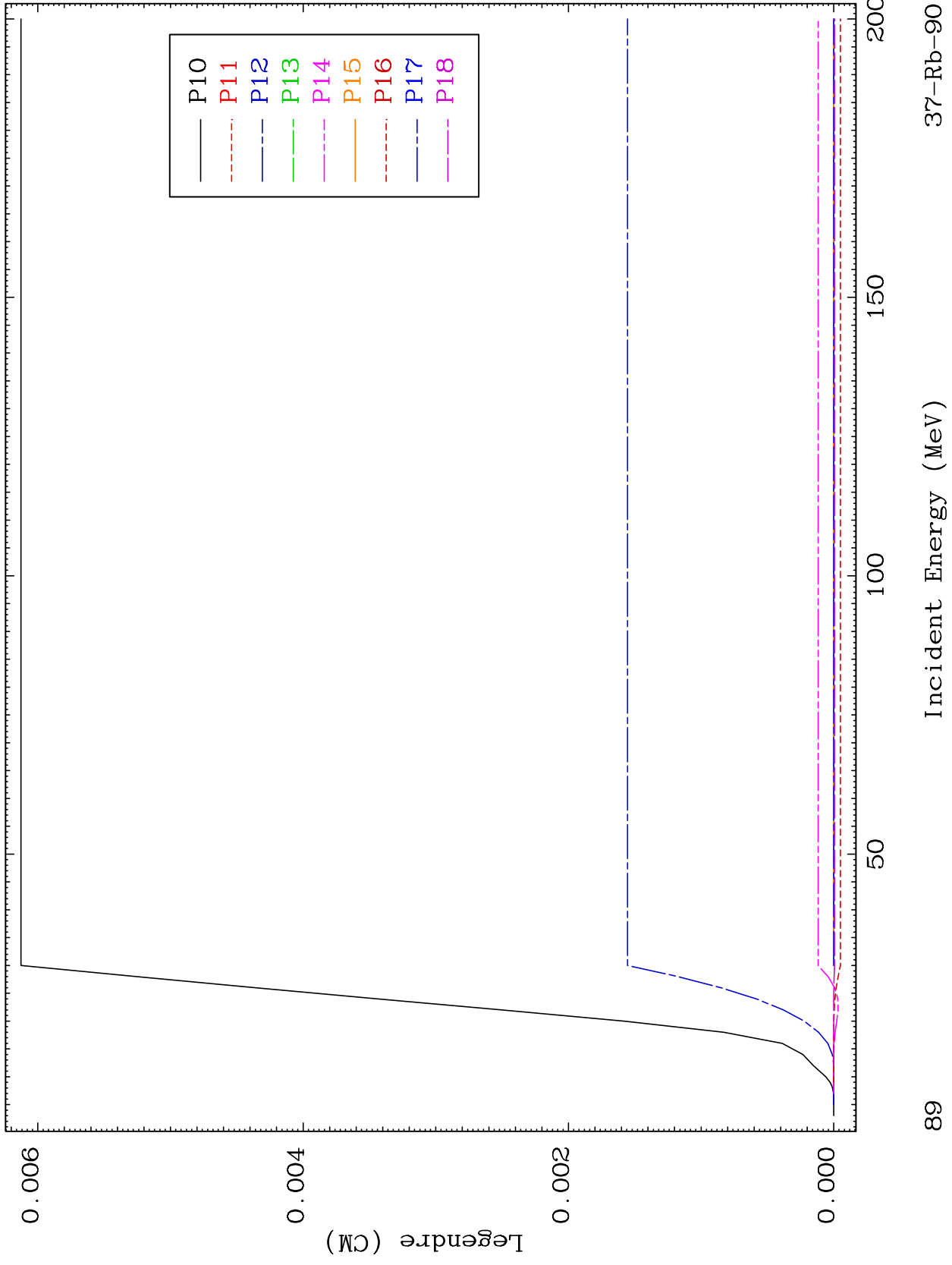




MAT 3740

2.128 MeV (n, n') Level
Legendre Coefficients

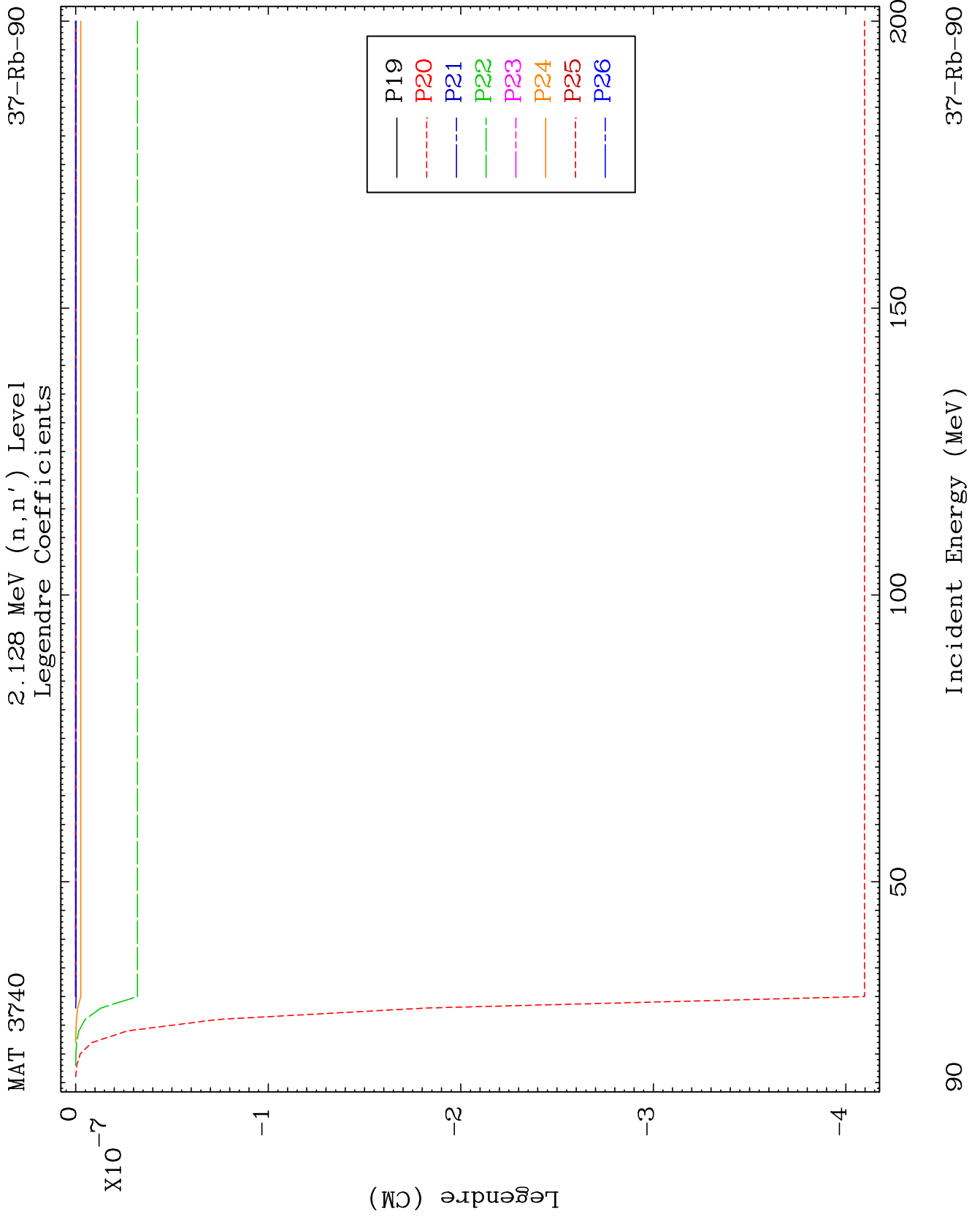
37-Rb-90

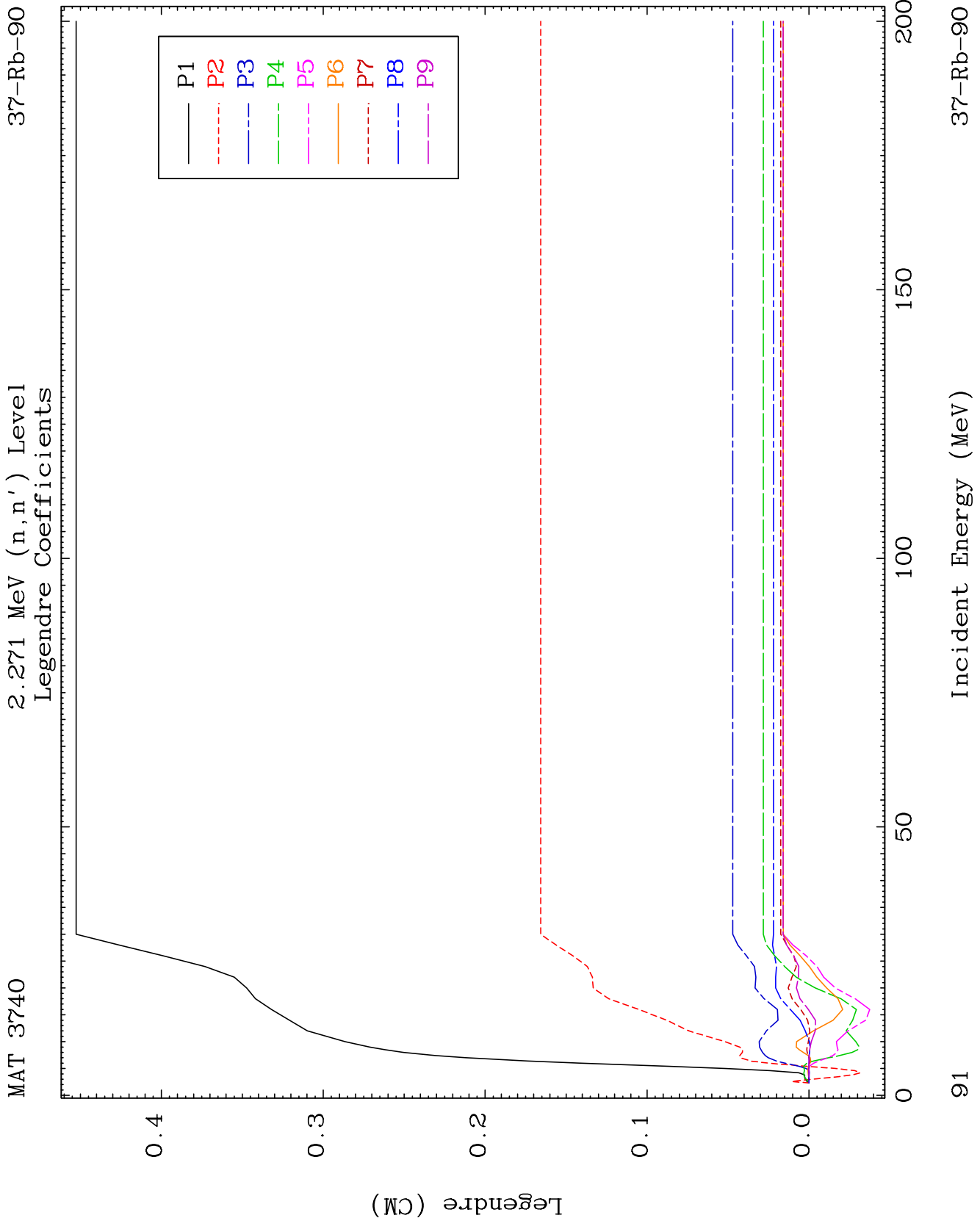


89

Incident Energy (MeV)

37-Rb-90

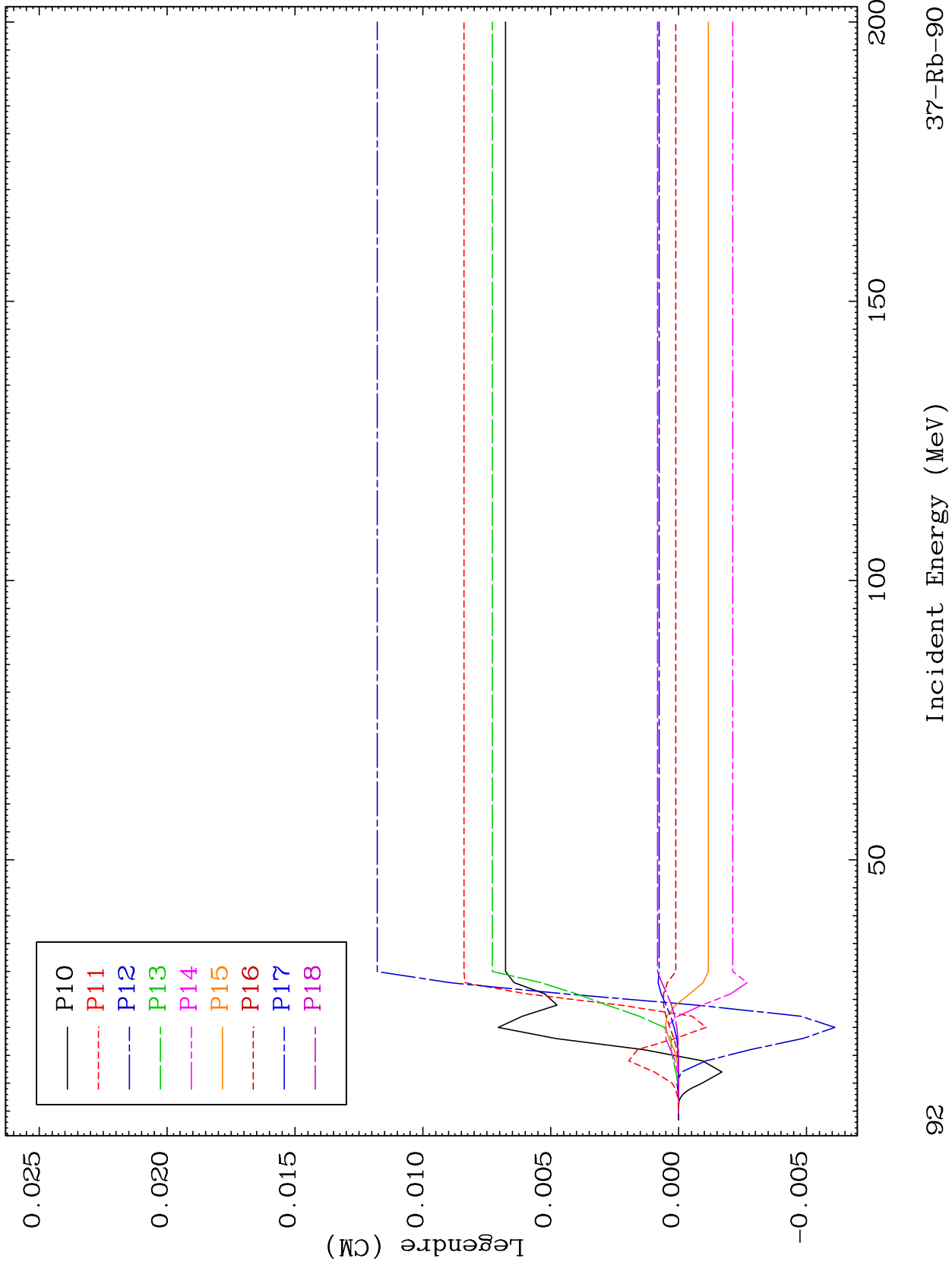




MAT 3740

2.271 MeV (n,n') Level
Legendre Coefficients

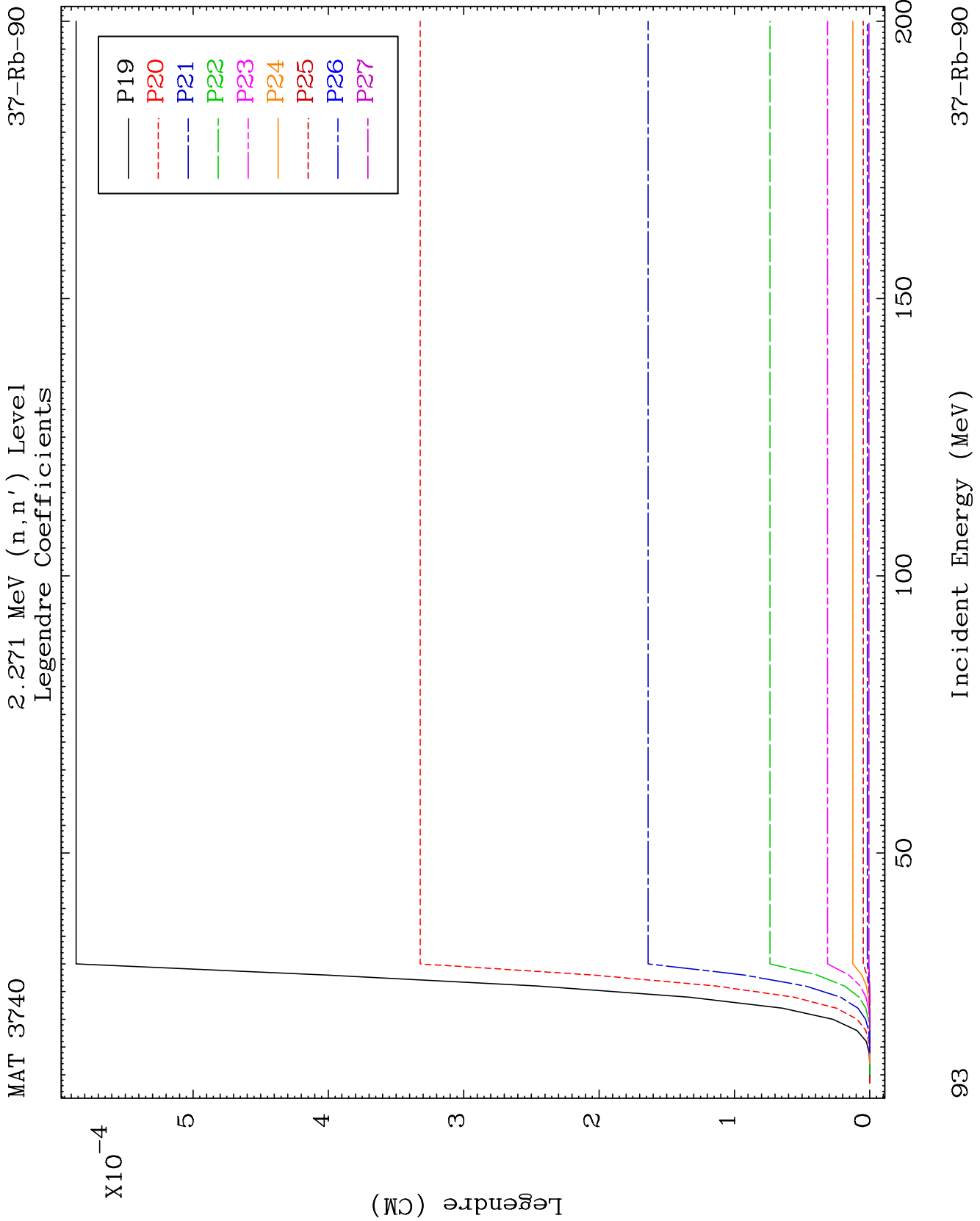
37-Rb-90

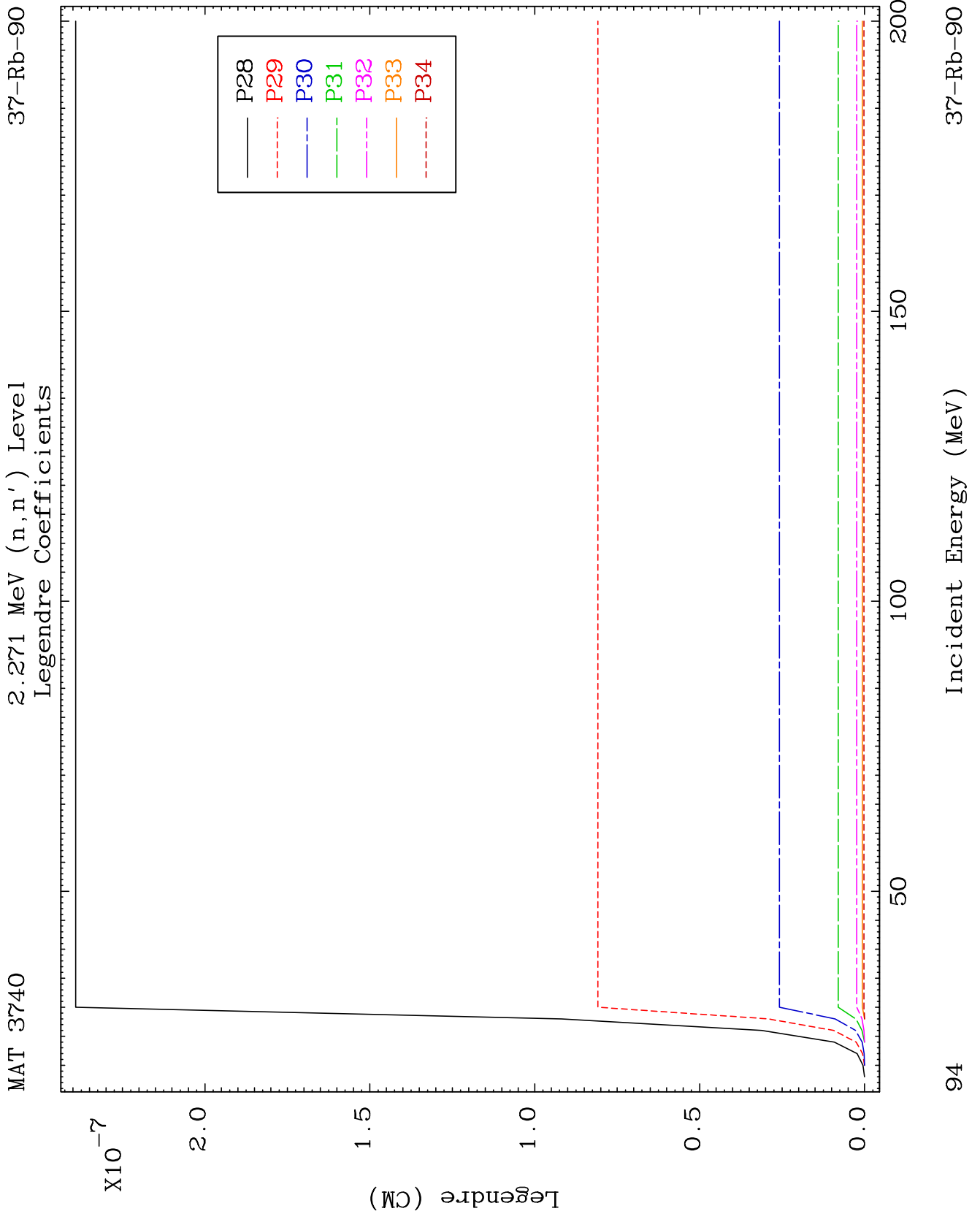


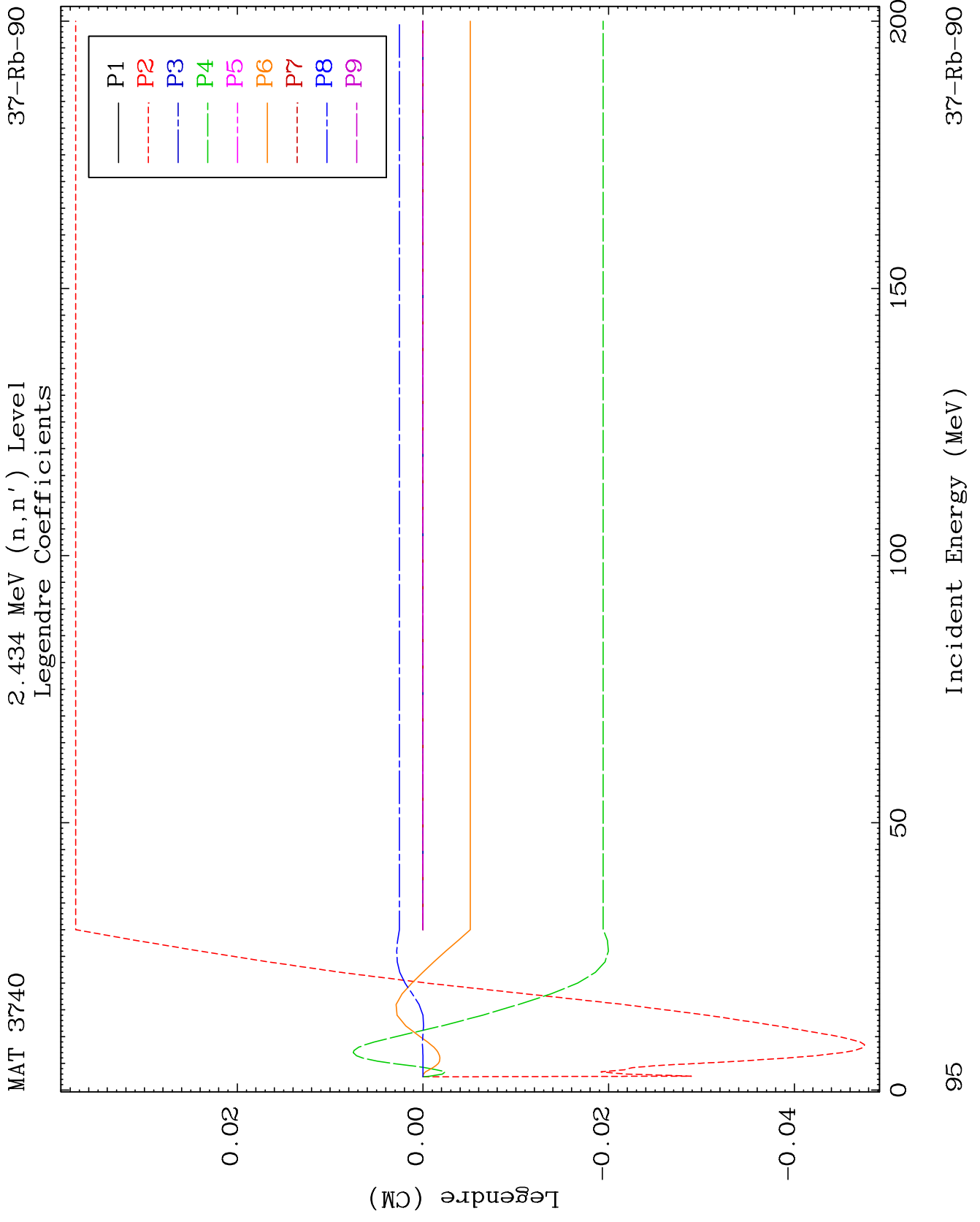
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Incident Energy (MeV)

37-Rb-90



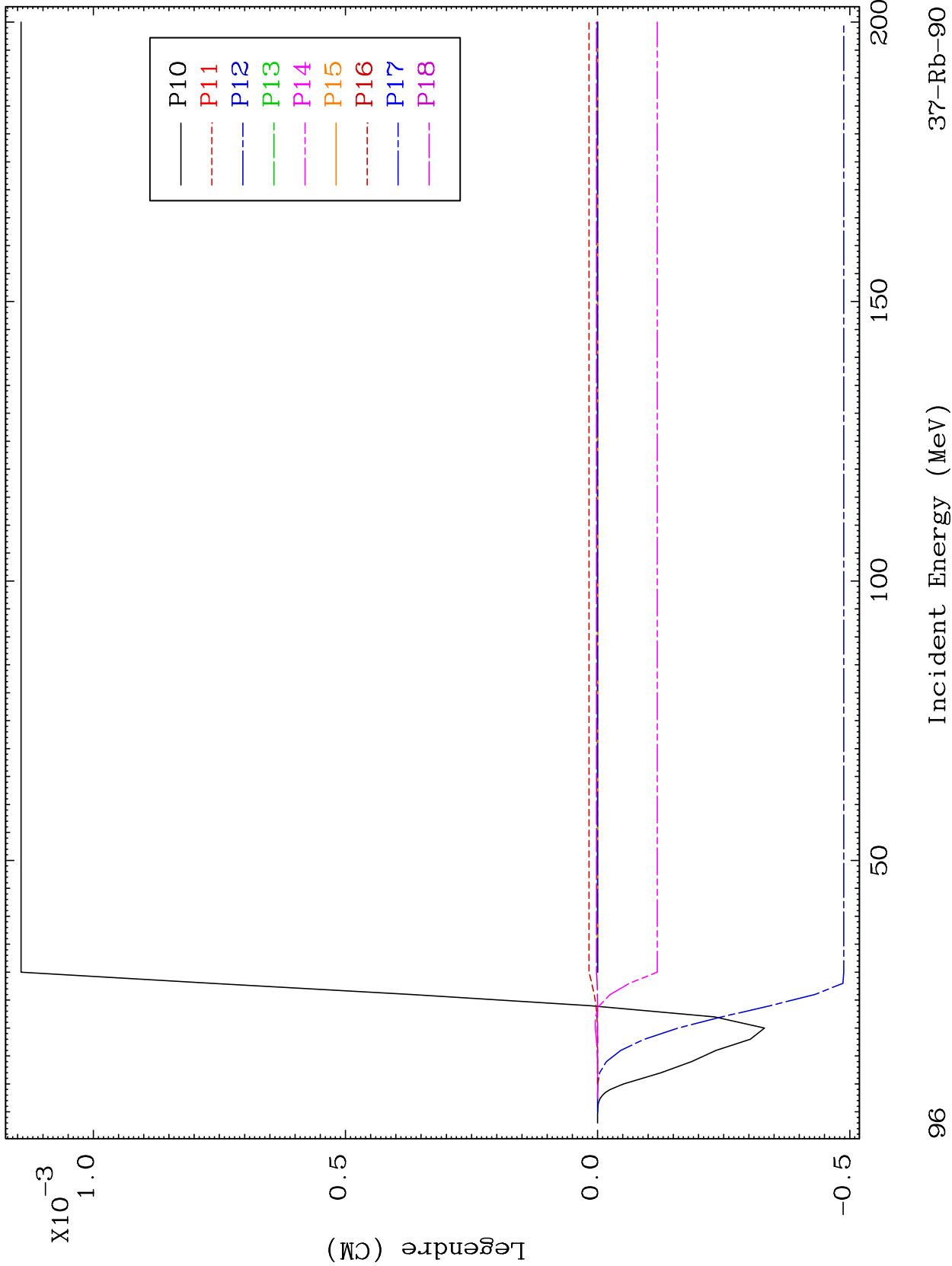


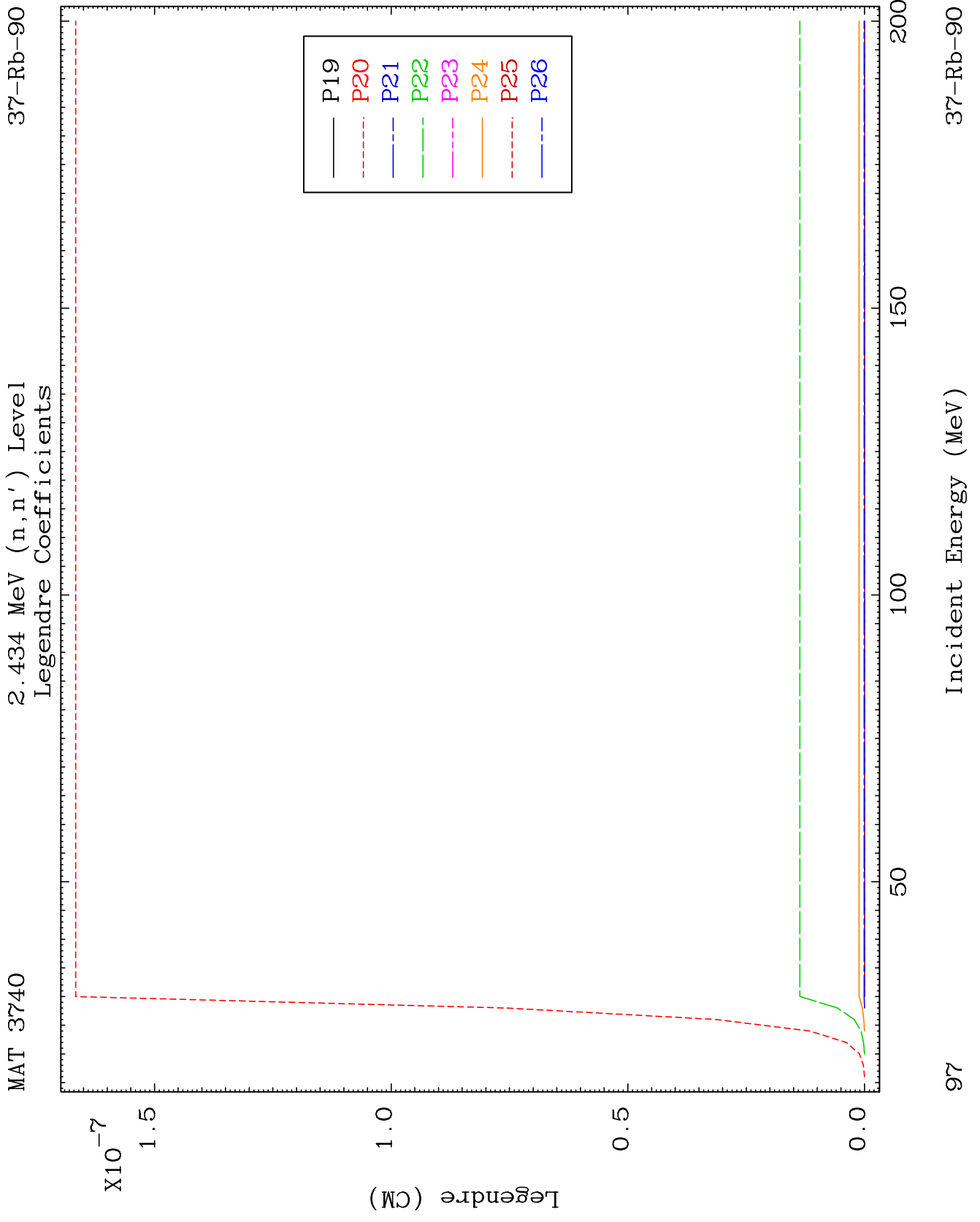


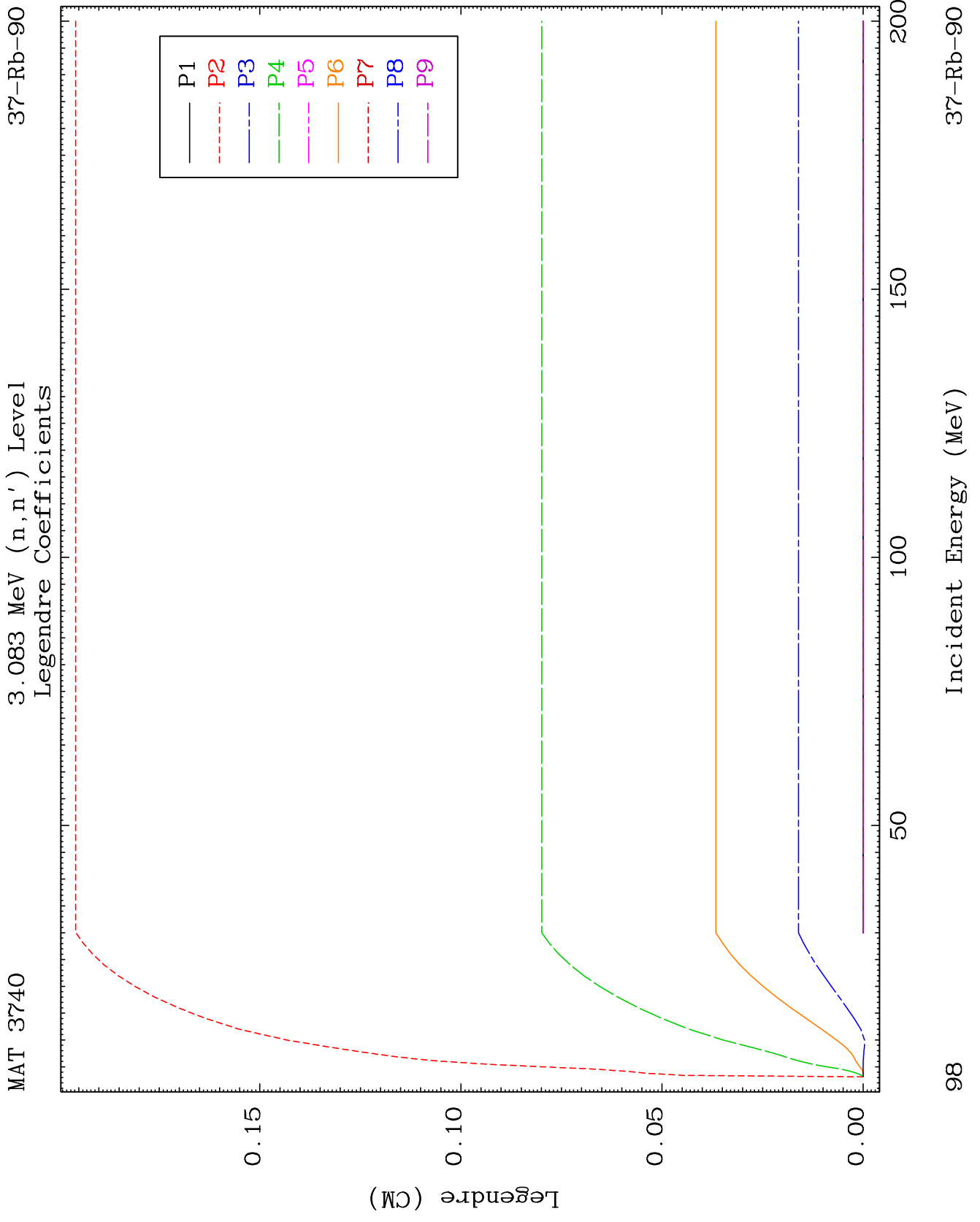
MAT 3740

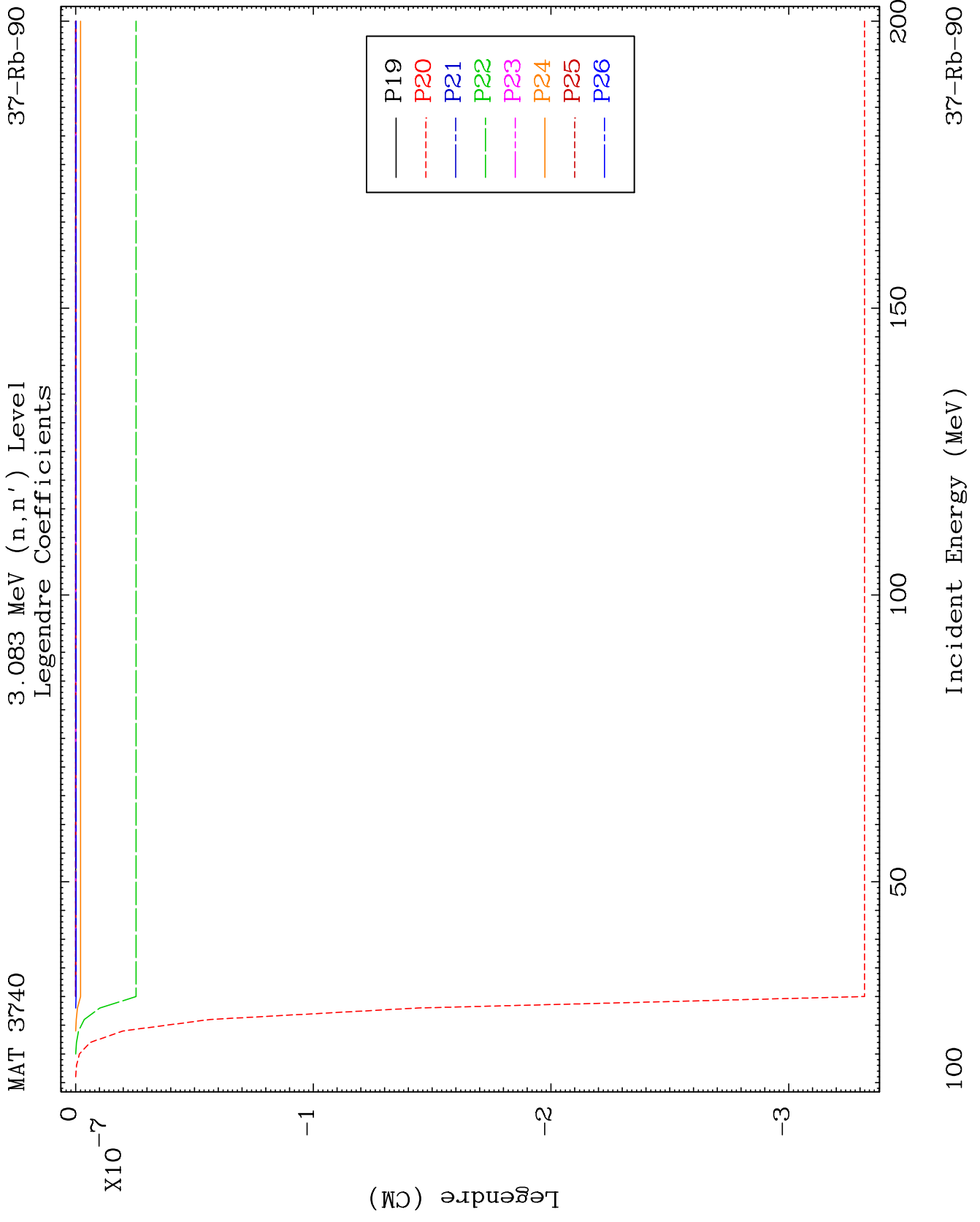
2.434 MeV (n,n') Level
Legendre Coefficients

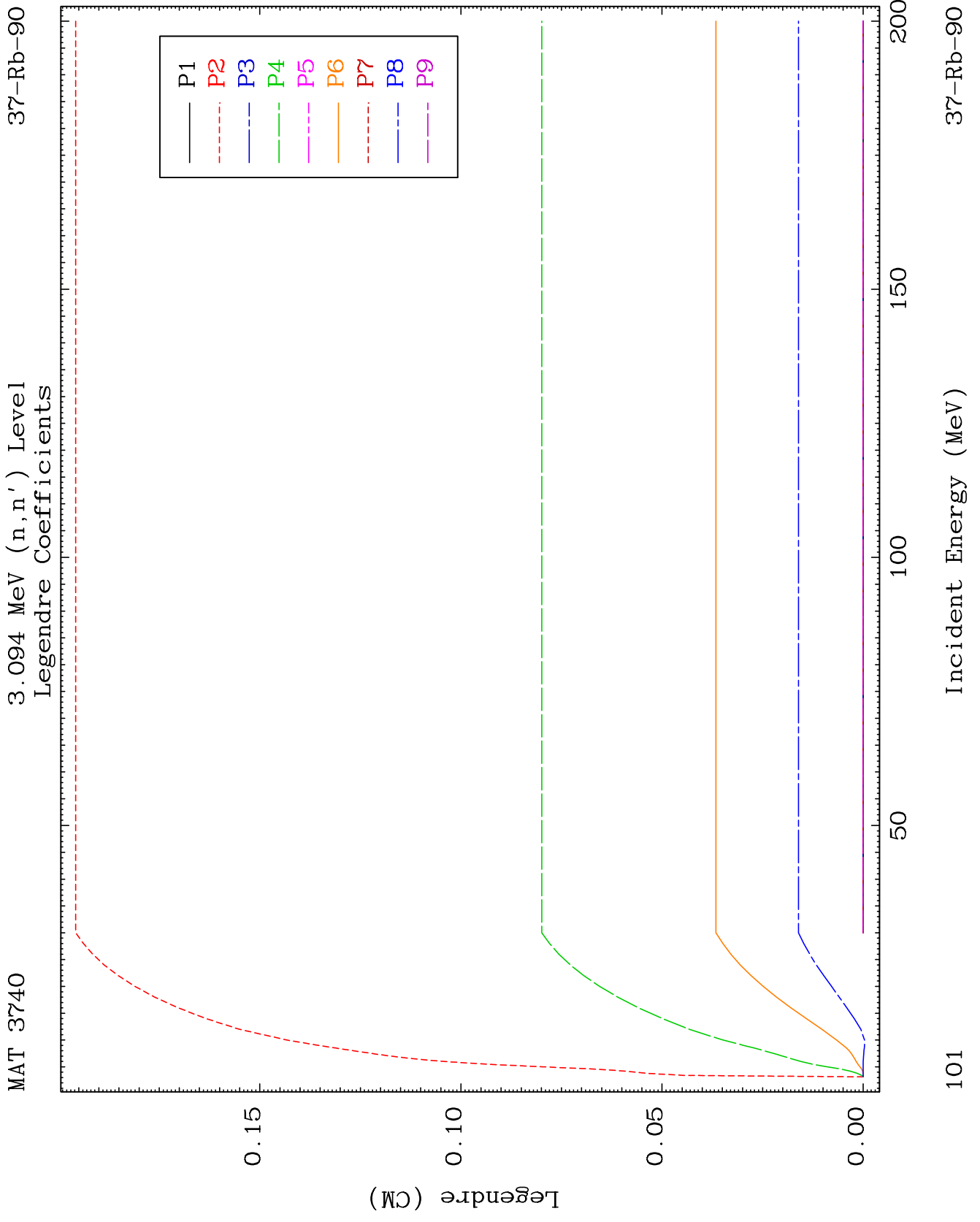
37-Rb-90







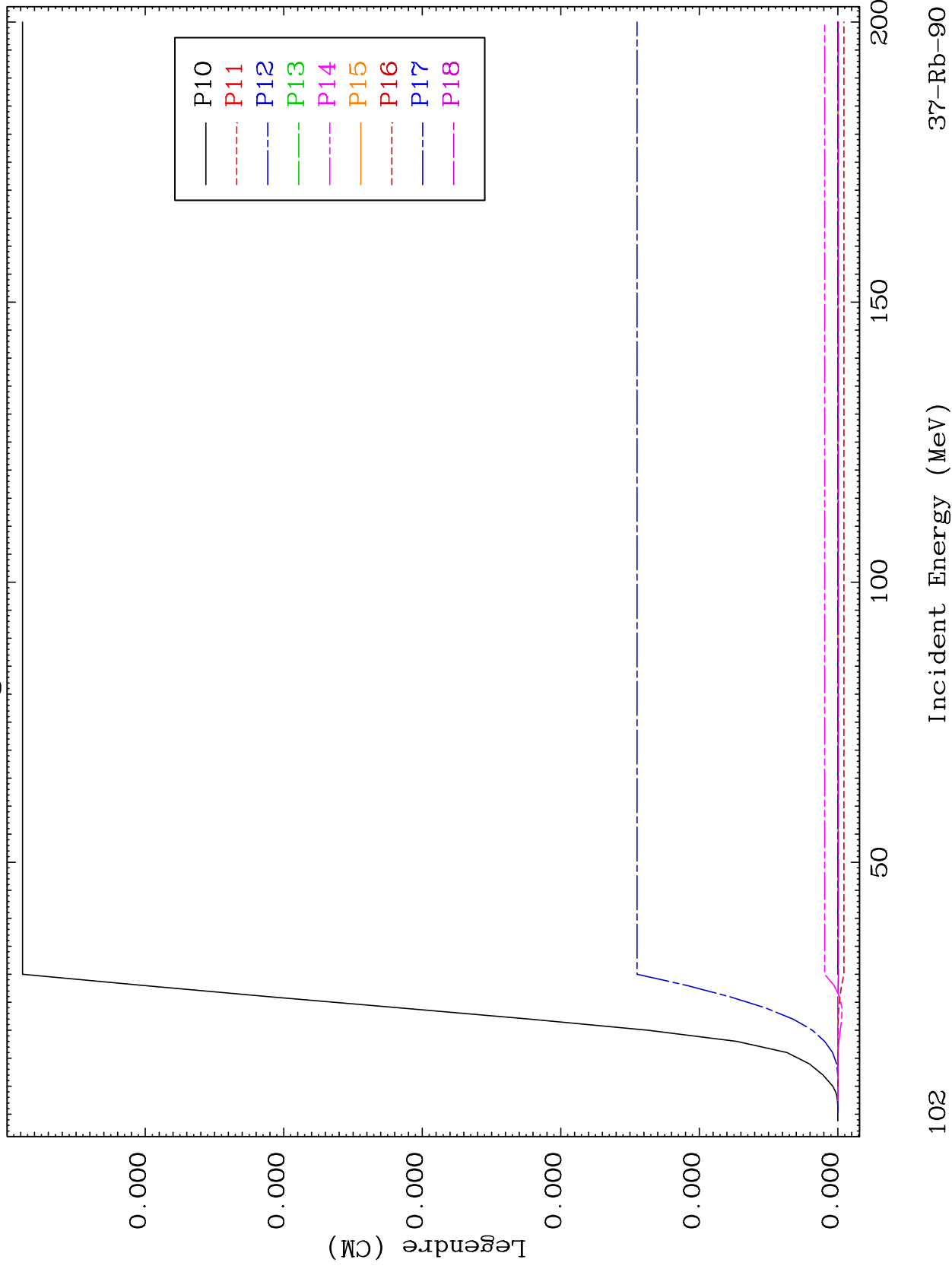




MAT 3740

3.094 MeV (n,n') Level
Legendre Coefficients

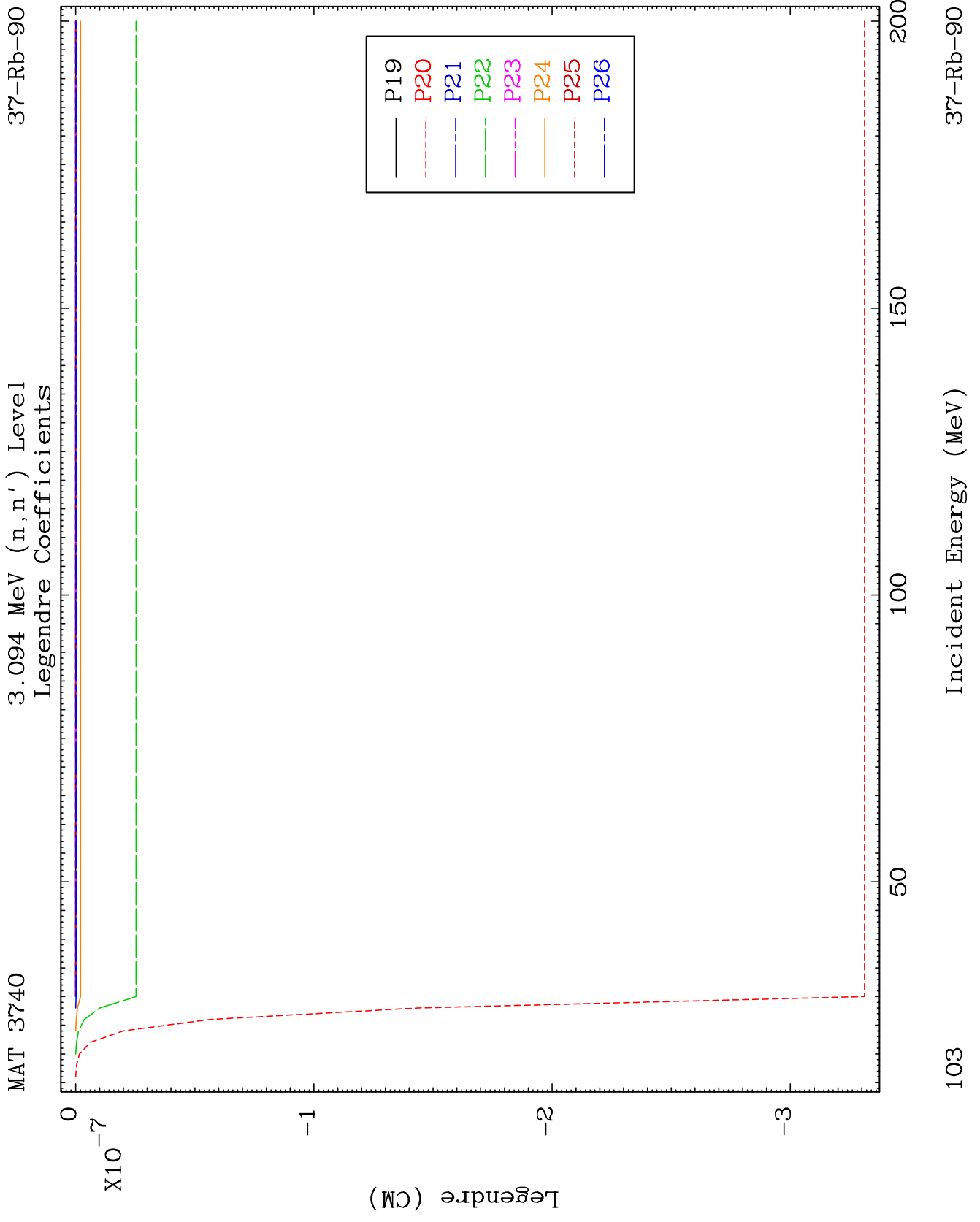
37-Rb-90



102

Incident Energy (MeV)

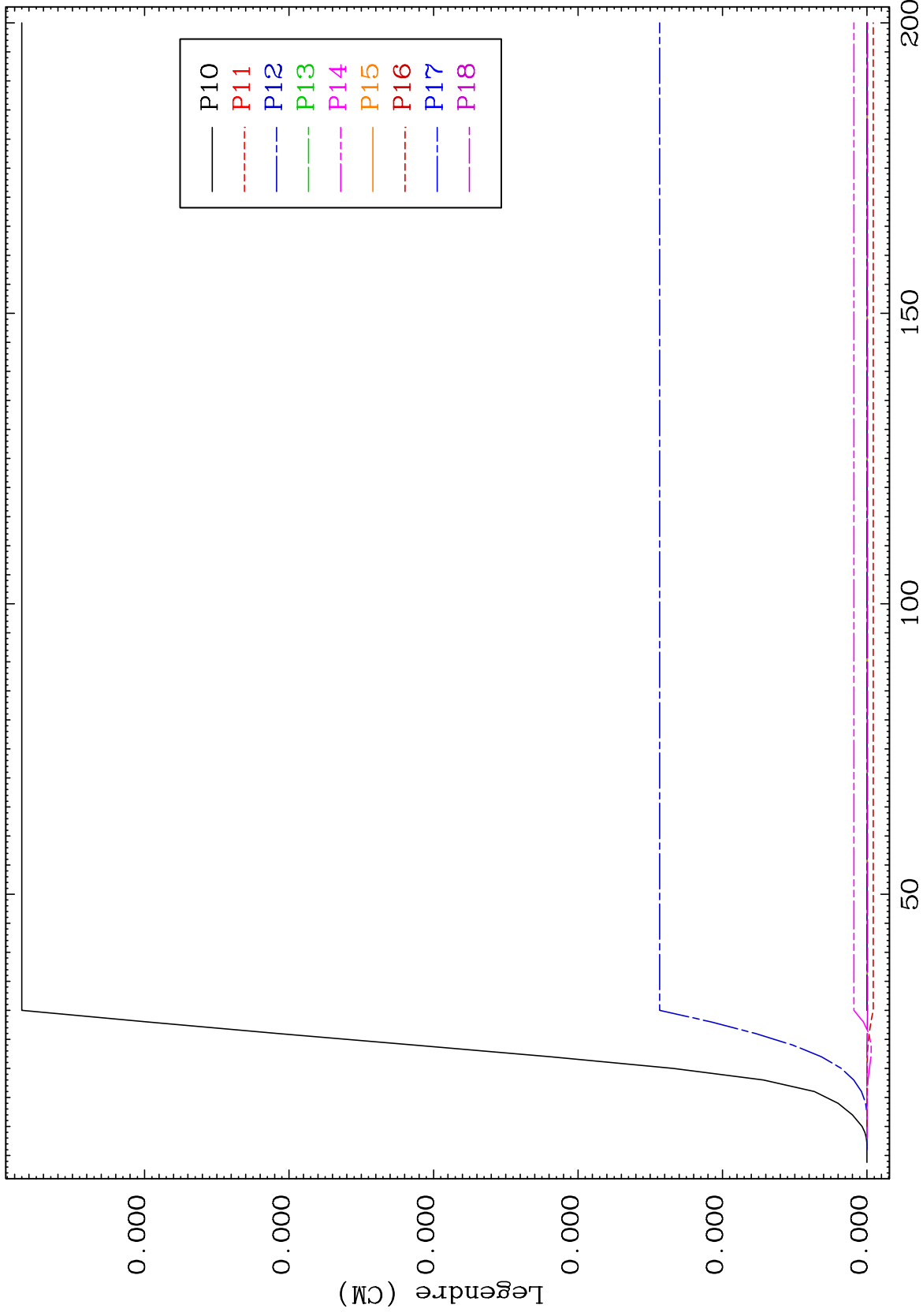
37-Rb-90



MAT 3740

3.239 MeV (n,n') Level
Legendre Coefficients

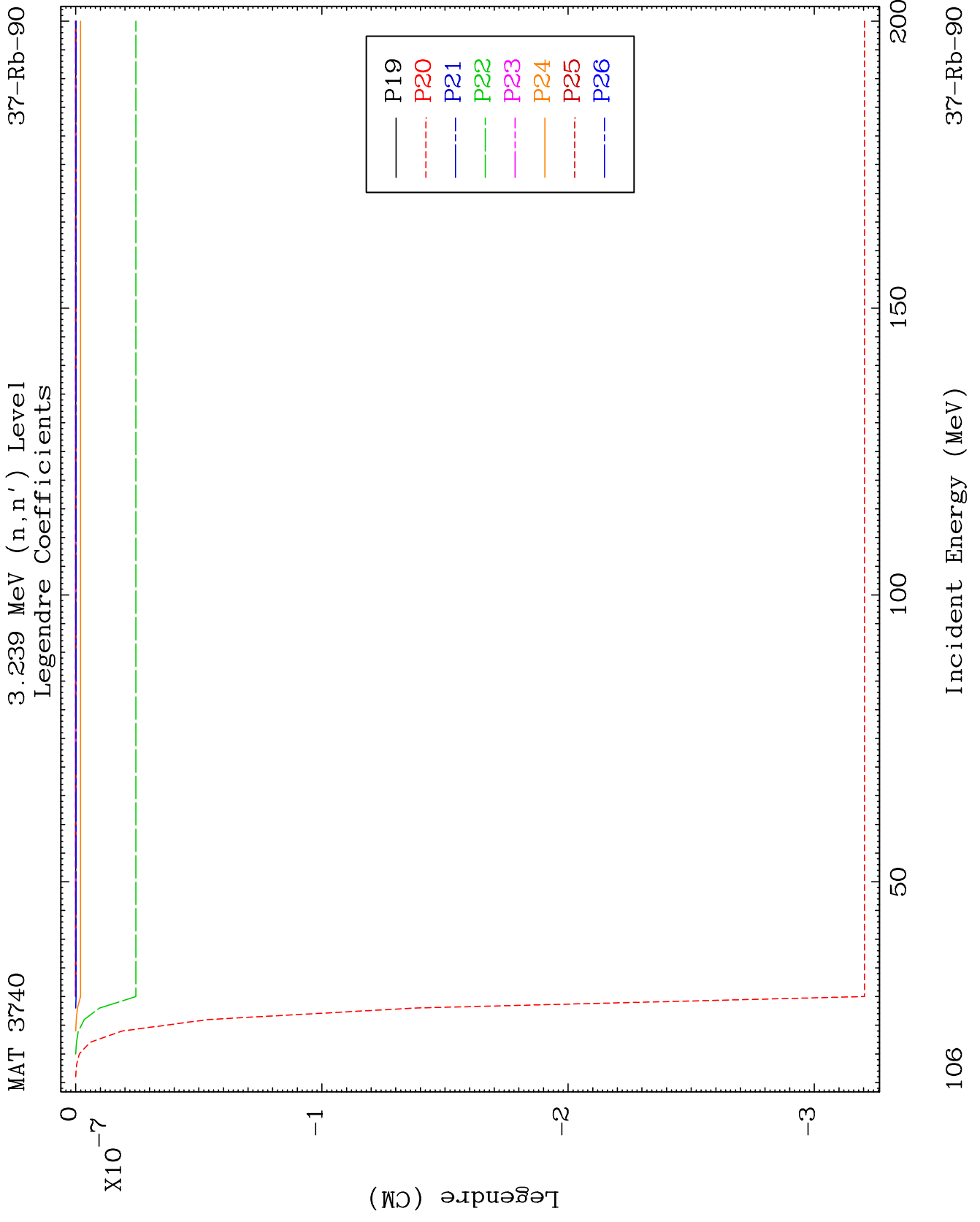
37-Rb-90



105

Incident Energy (MeV)

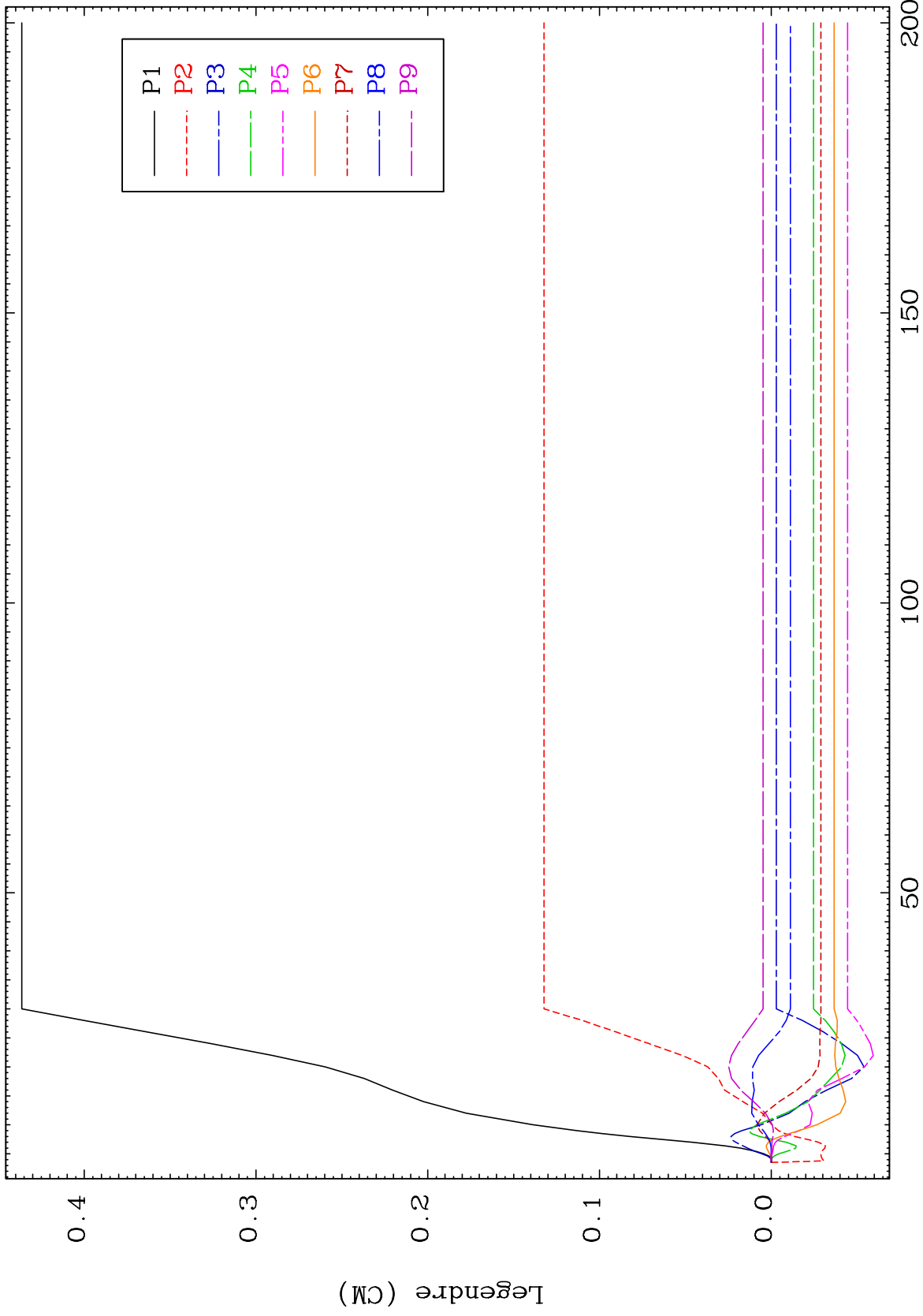
37-Rb-90



MAT 3740

3.476 MeV (n,n') Level
Legendre Coefficients

37-Rb-90



107

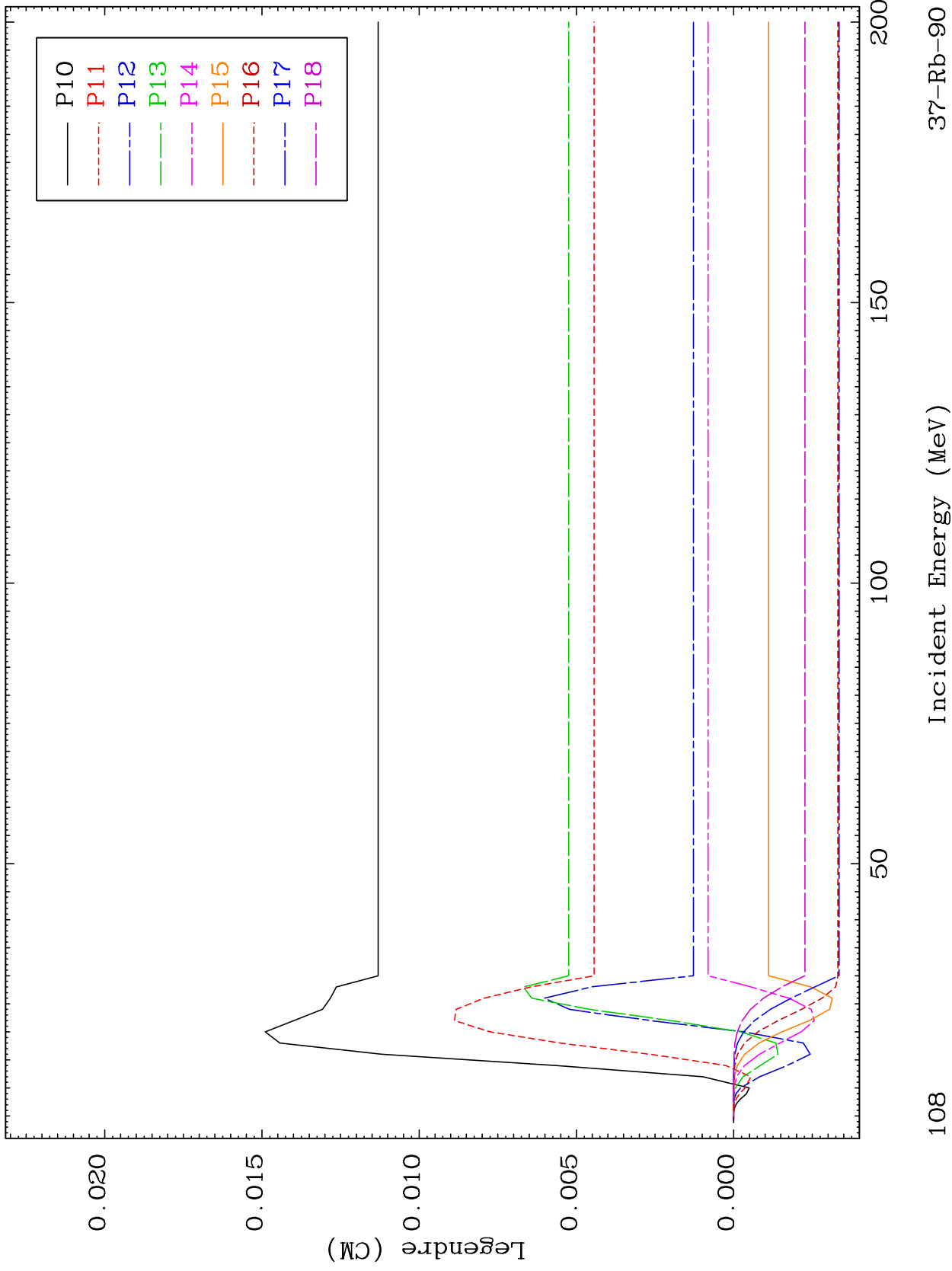
Incident Energy (MeV)

37-Rb-90

MAT 3740

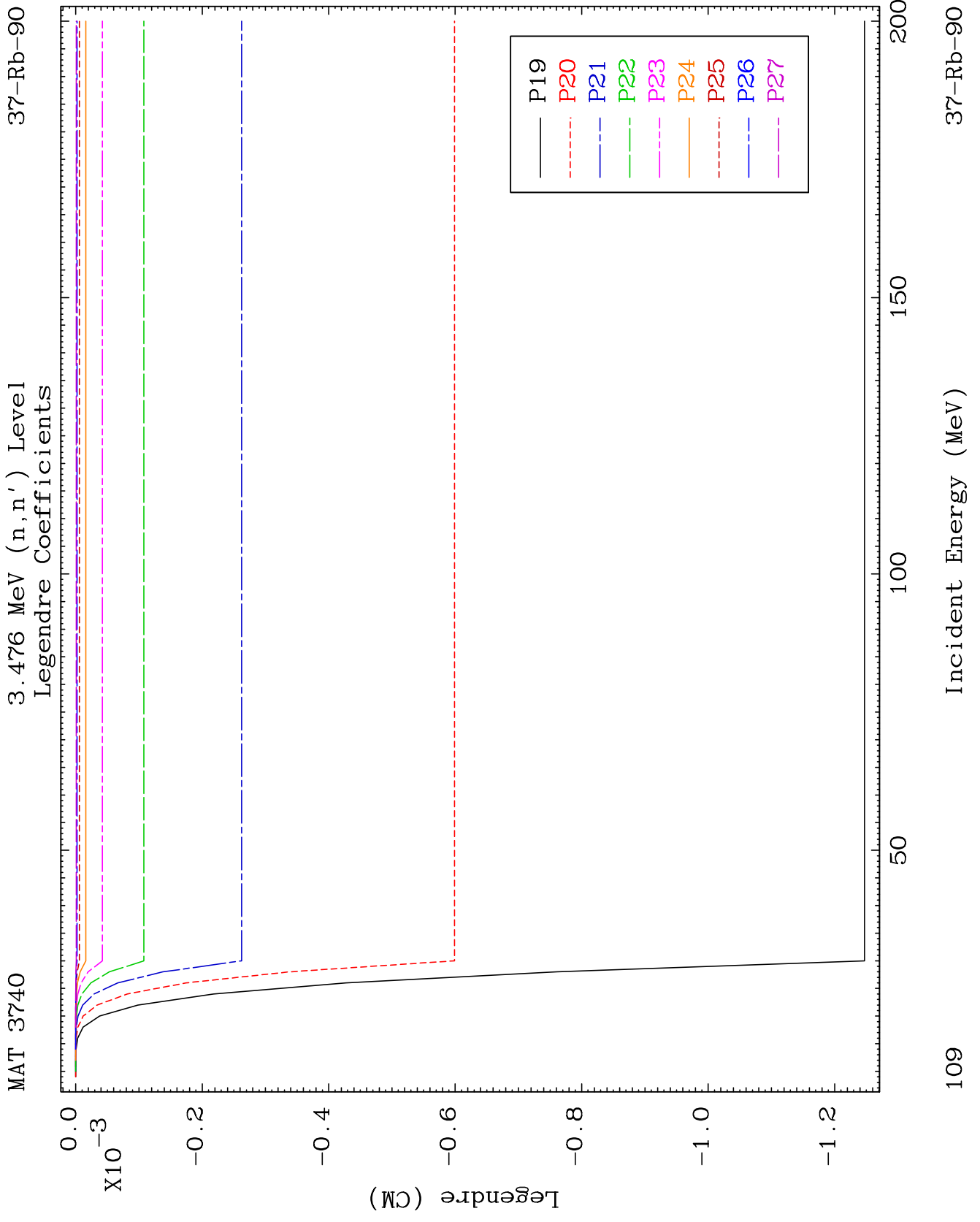
3.476 MeV (n,n') Level
Legendre Coefficients

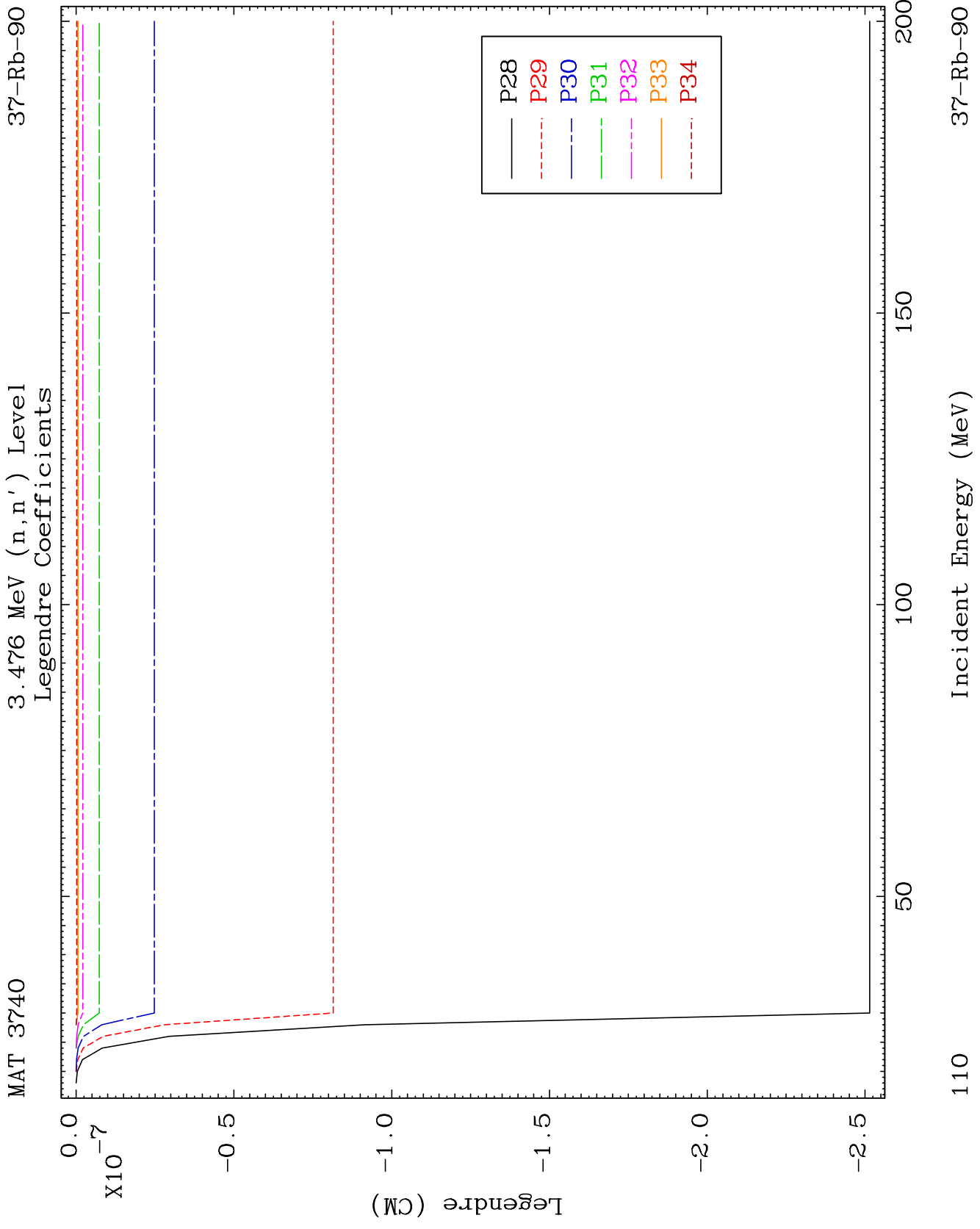
37-Rb-90

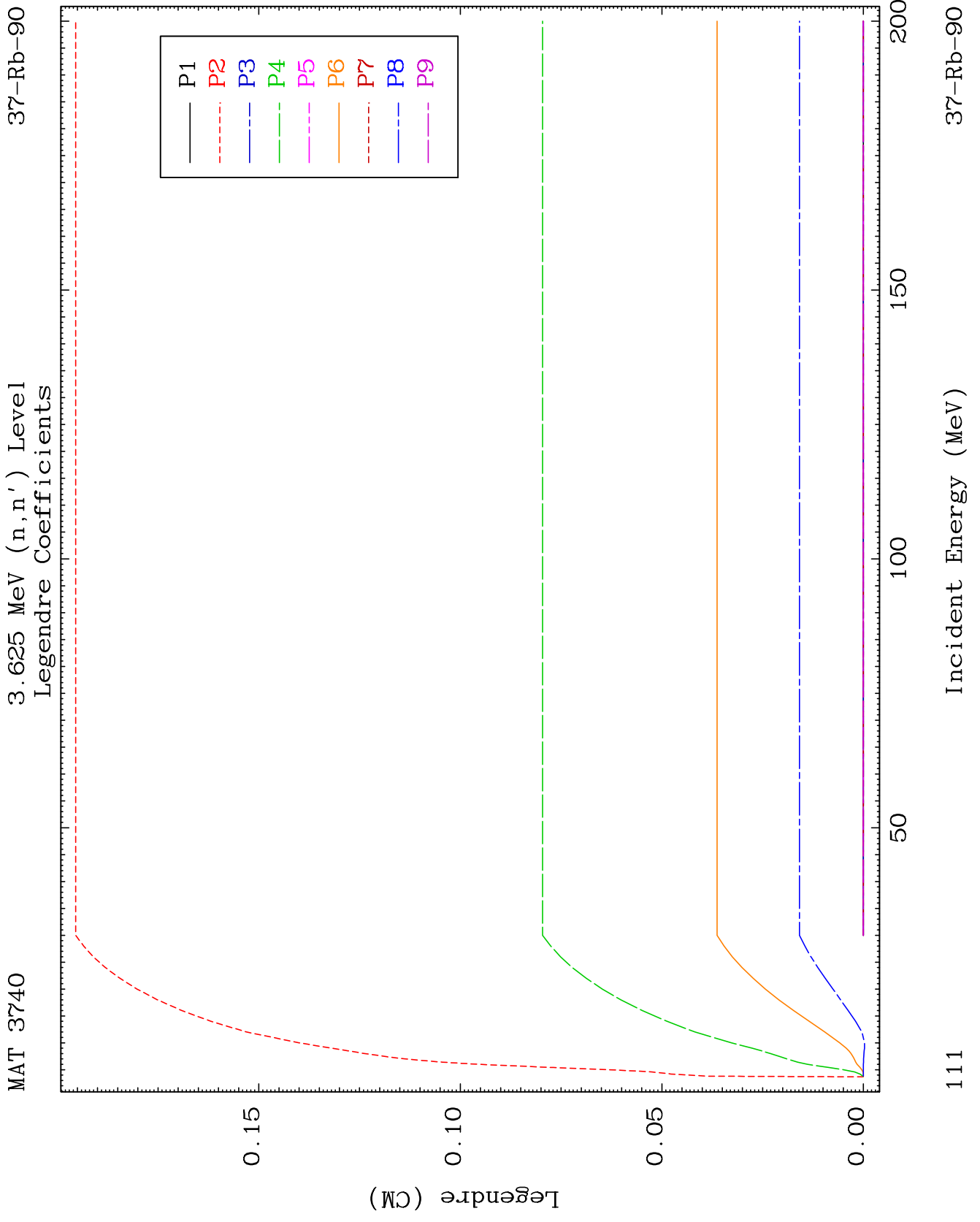


108

37-Rb-90



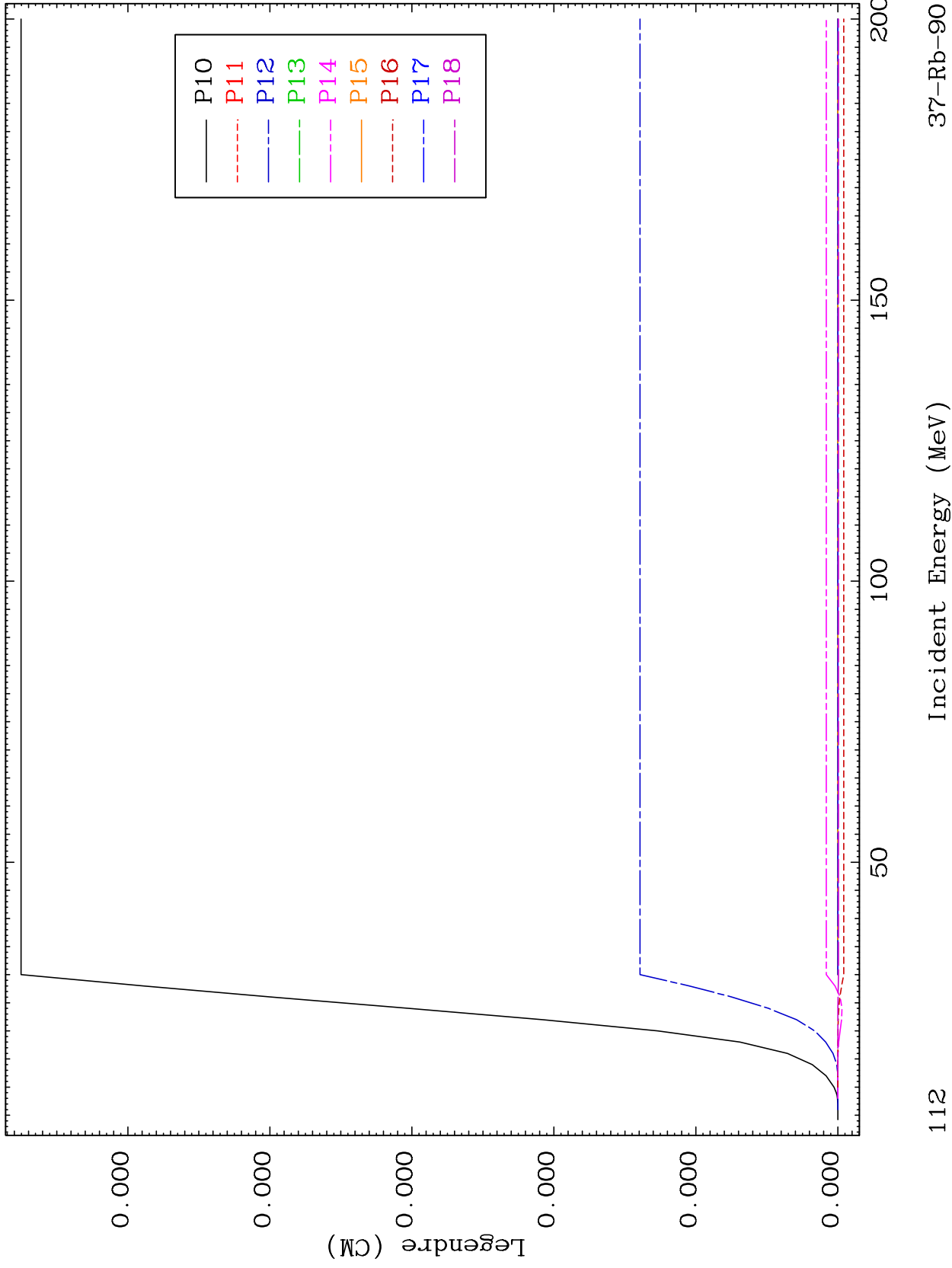




MAT 3740

3.625 MeV (n,n') Level
Legendre Coefficients

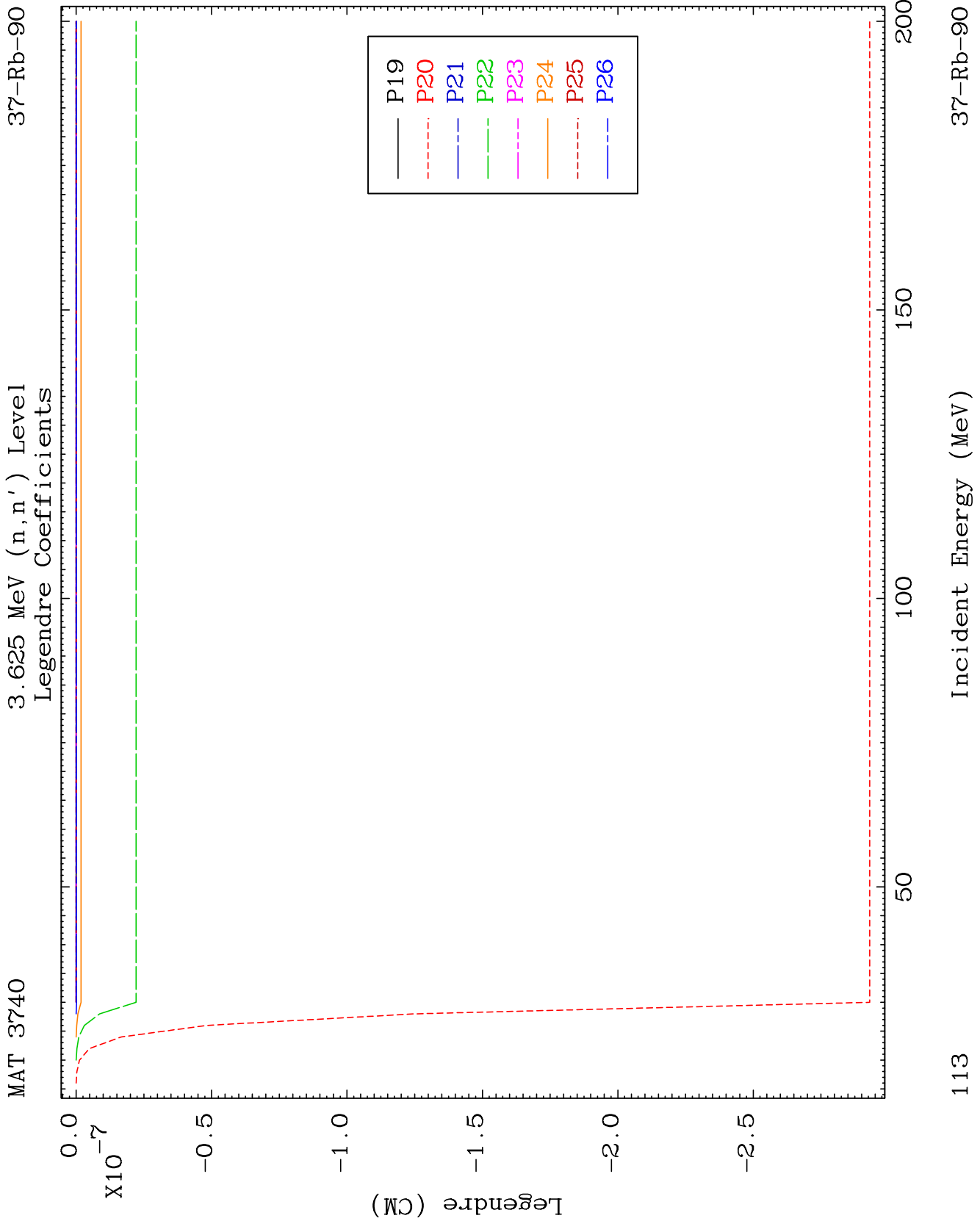
37-Rb-90



112

Incident Energy (MeV)

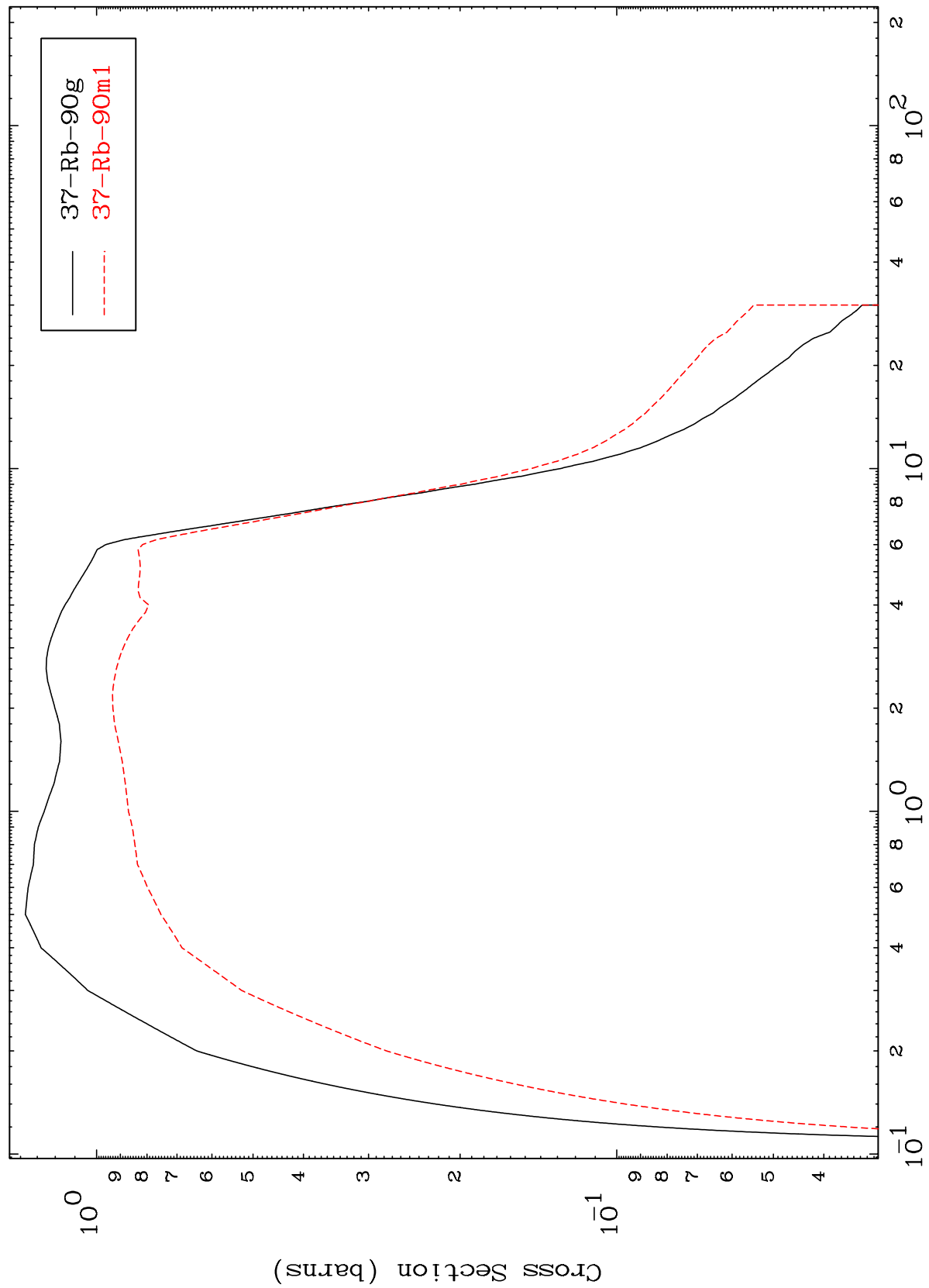
37-Rb-90



MAT 3740

37-Rb-90

Inelastic
Radionuclide Production Cross Section



114

Incident Energy (MeV)

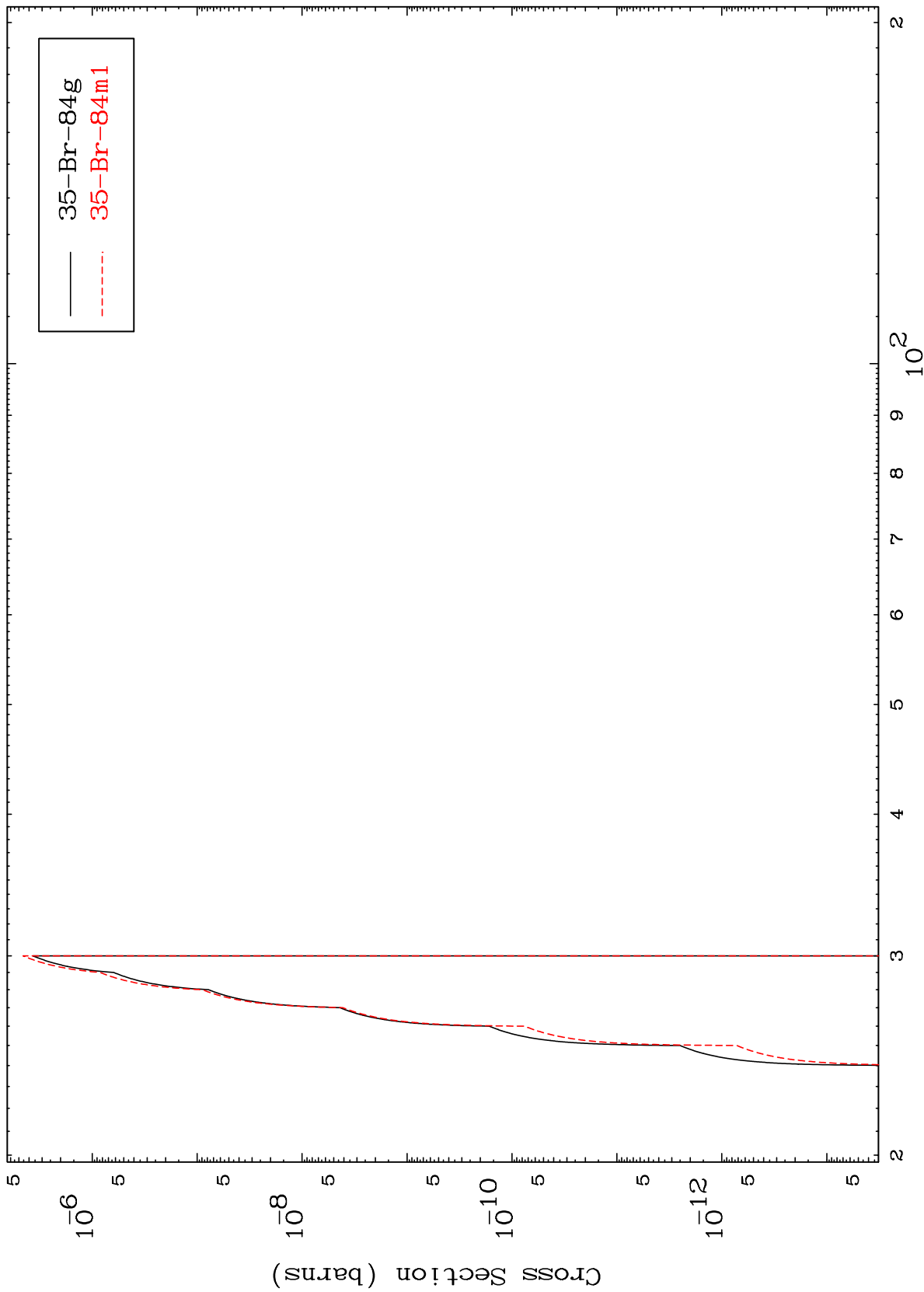
37-Rb-90

MAT 3740

$(n,3n) \alpha$

37-Rb-90

Radionuclide Production Cross Section



115

Incident Energy (MeV)

37-Rb-90