

Program EVALPLOT
(Version 2015-2)

by

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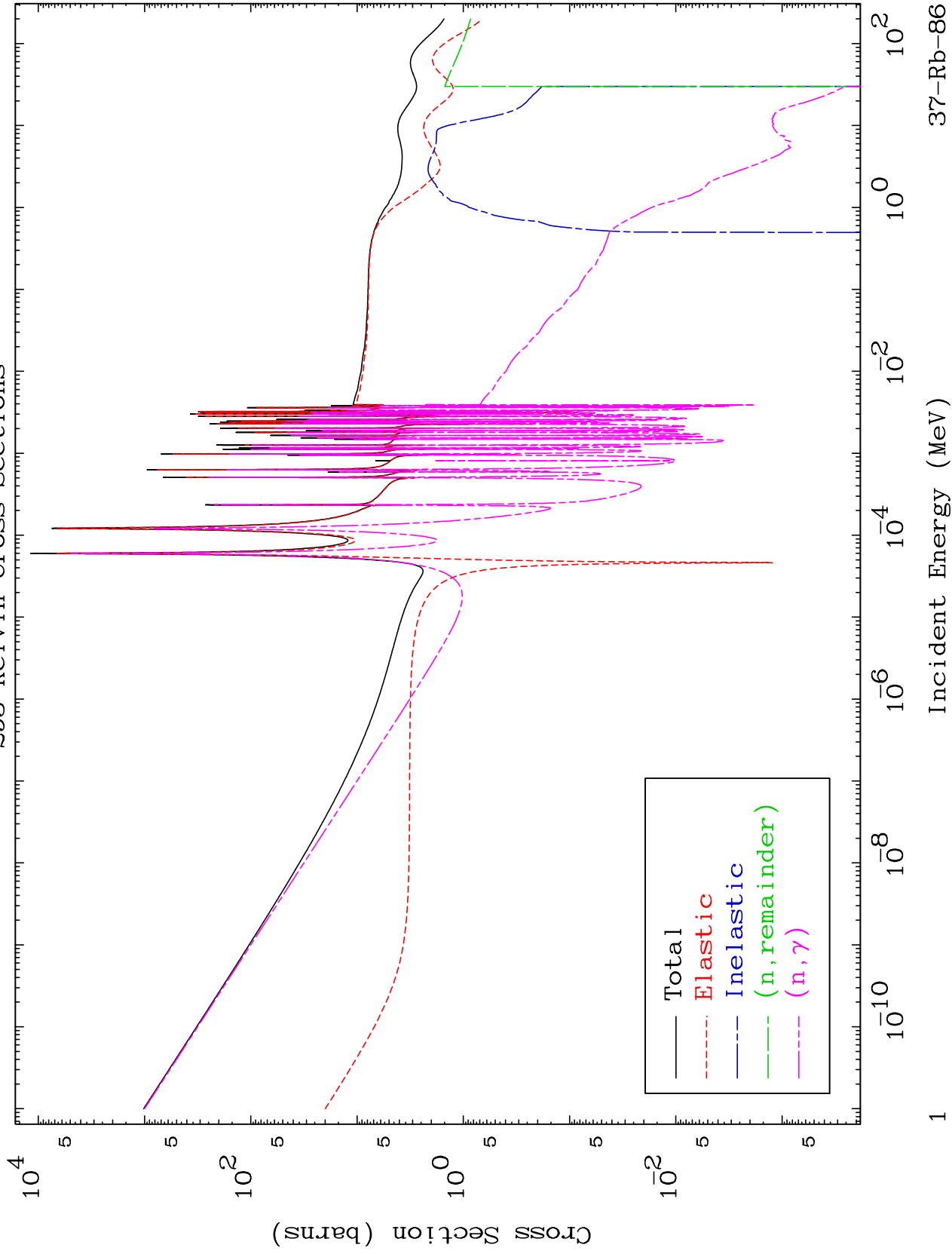
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3728

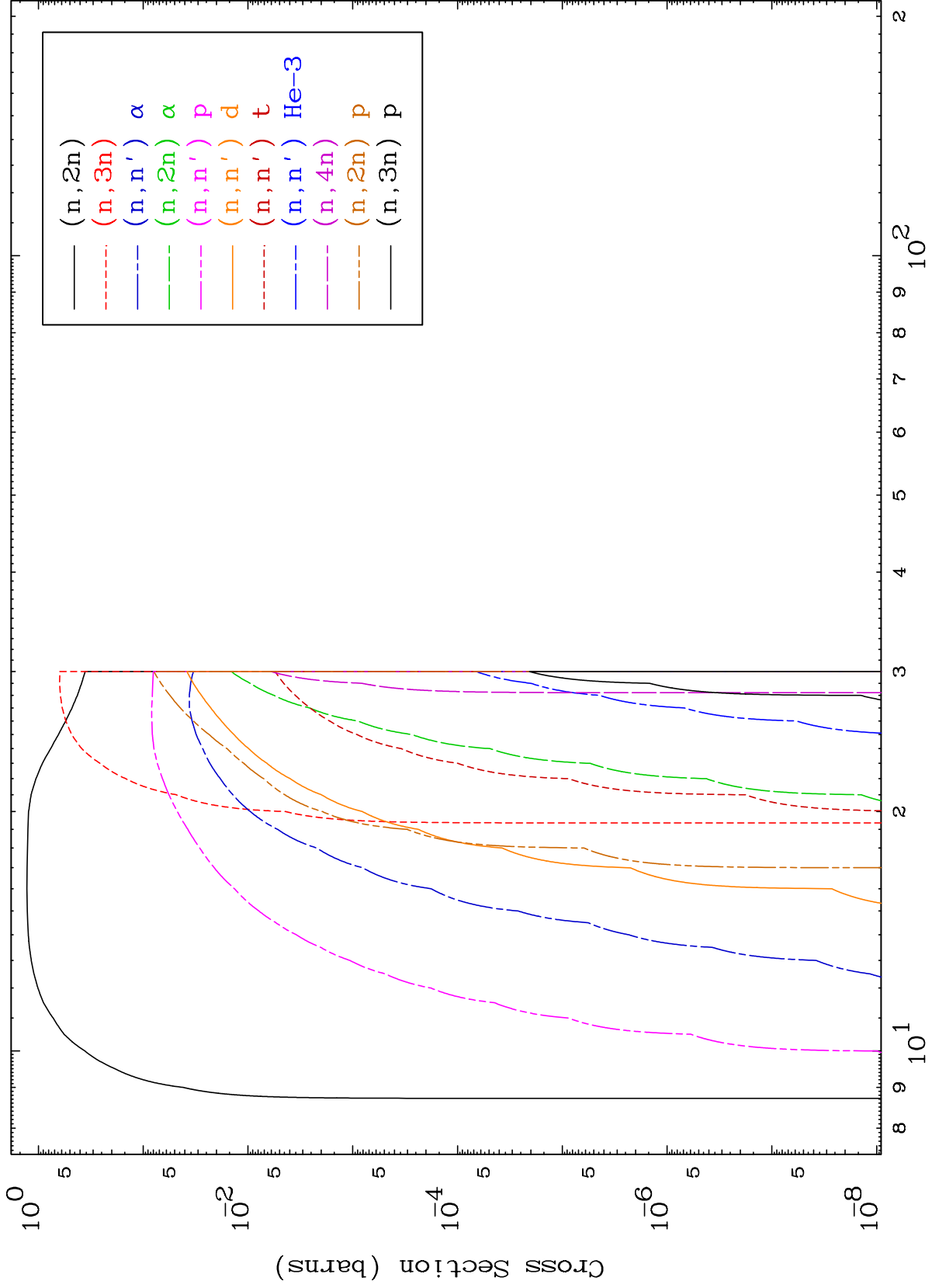
Major
293 Kelvin Cross Sections

37-Rb-86



1

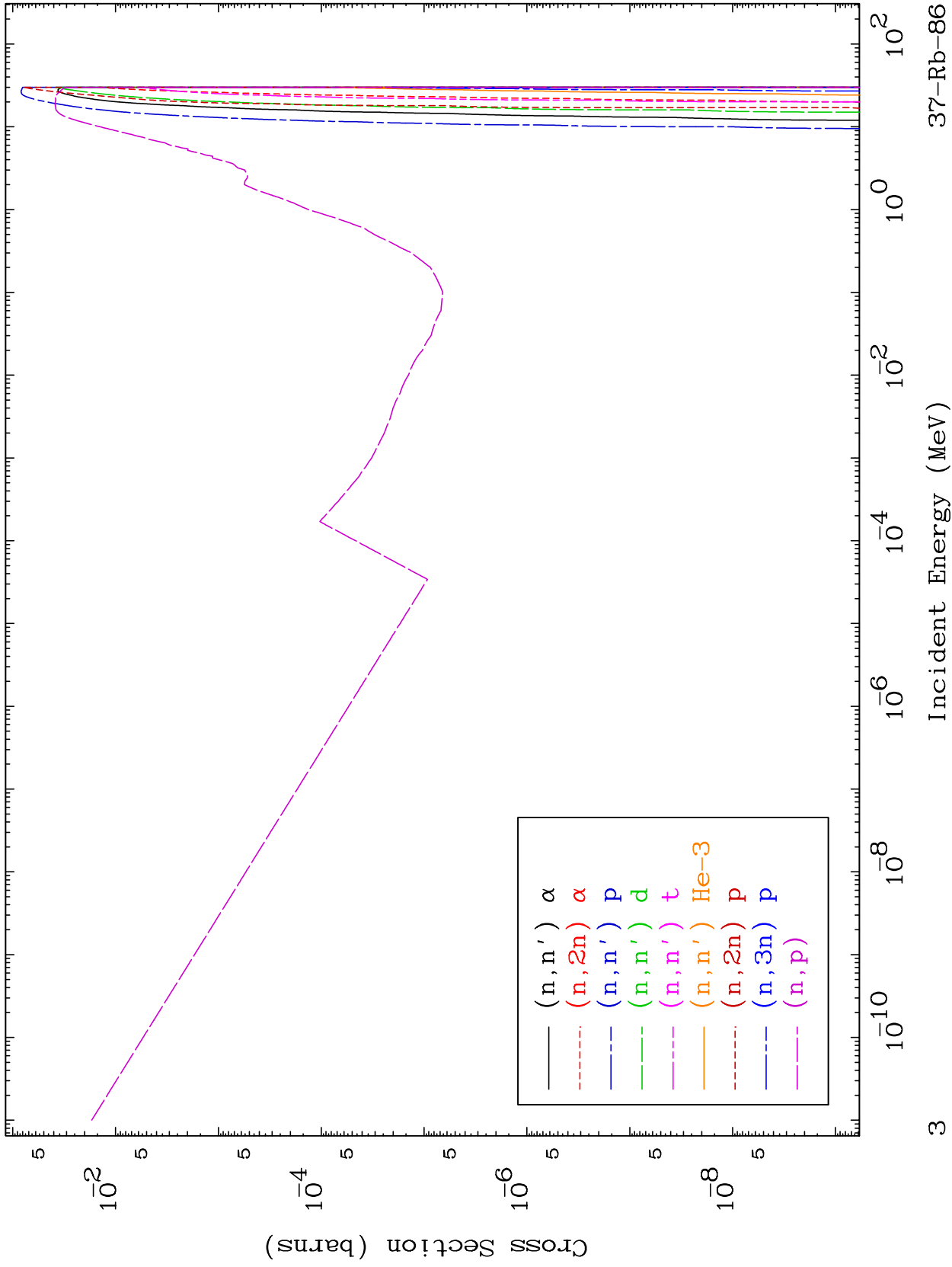
37-Rb-86



MAT 3728

Charged Particle
293 Kelvin Cross Sections

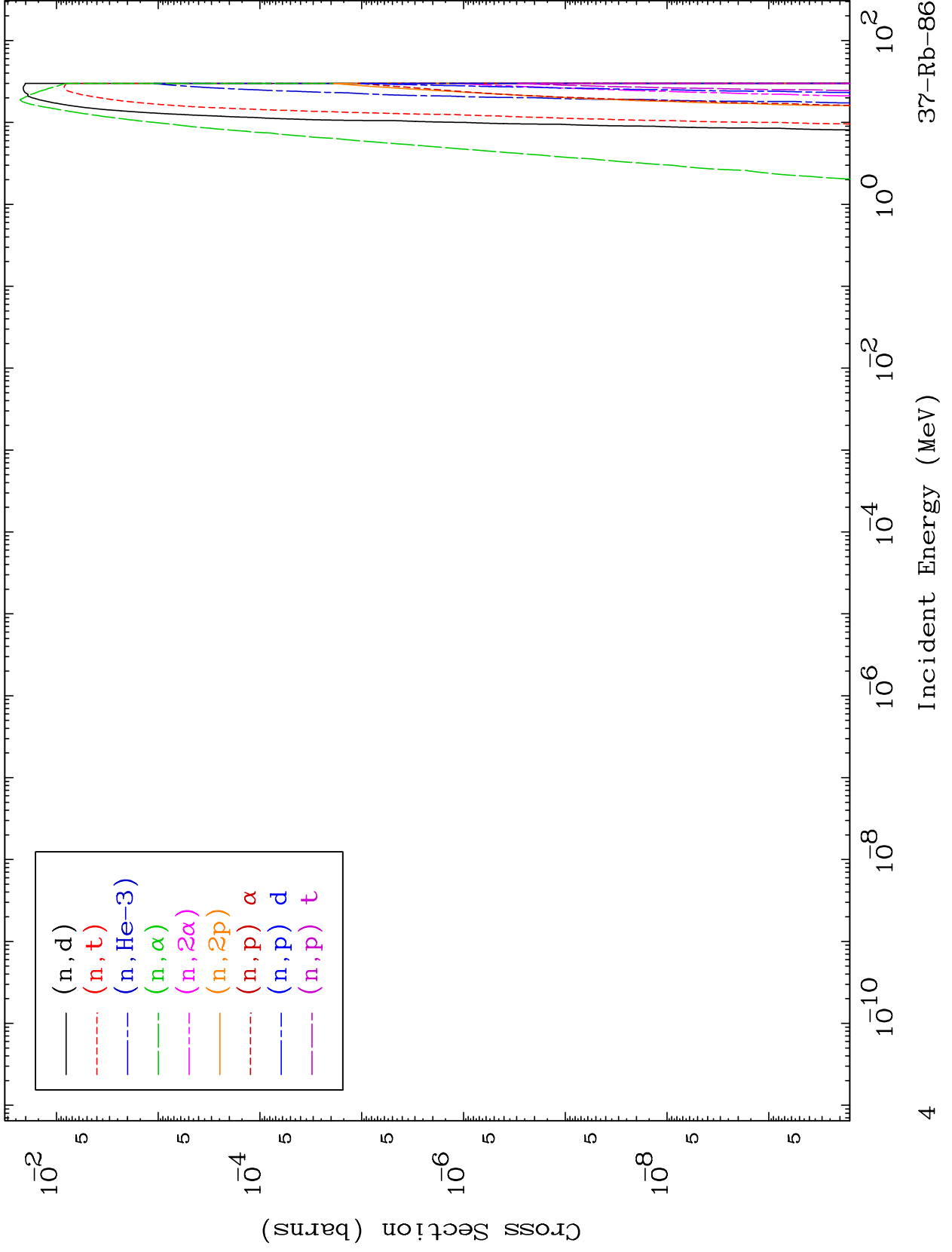
37-Rb-86



MAT 3728

Charged Particle
293 Kelvin Cross Sections

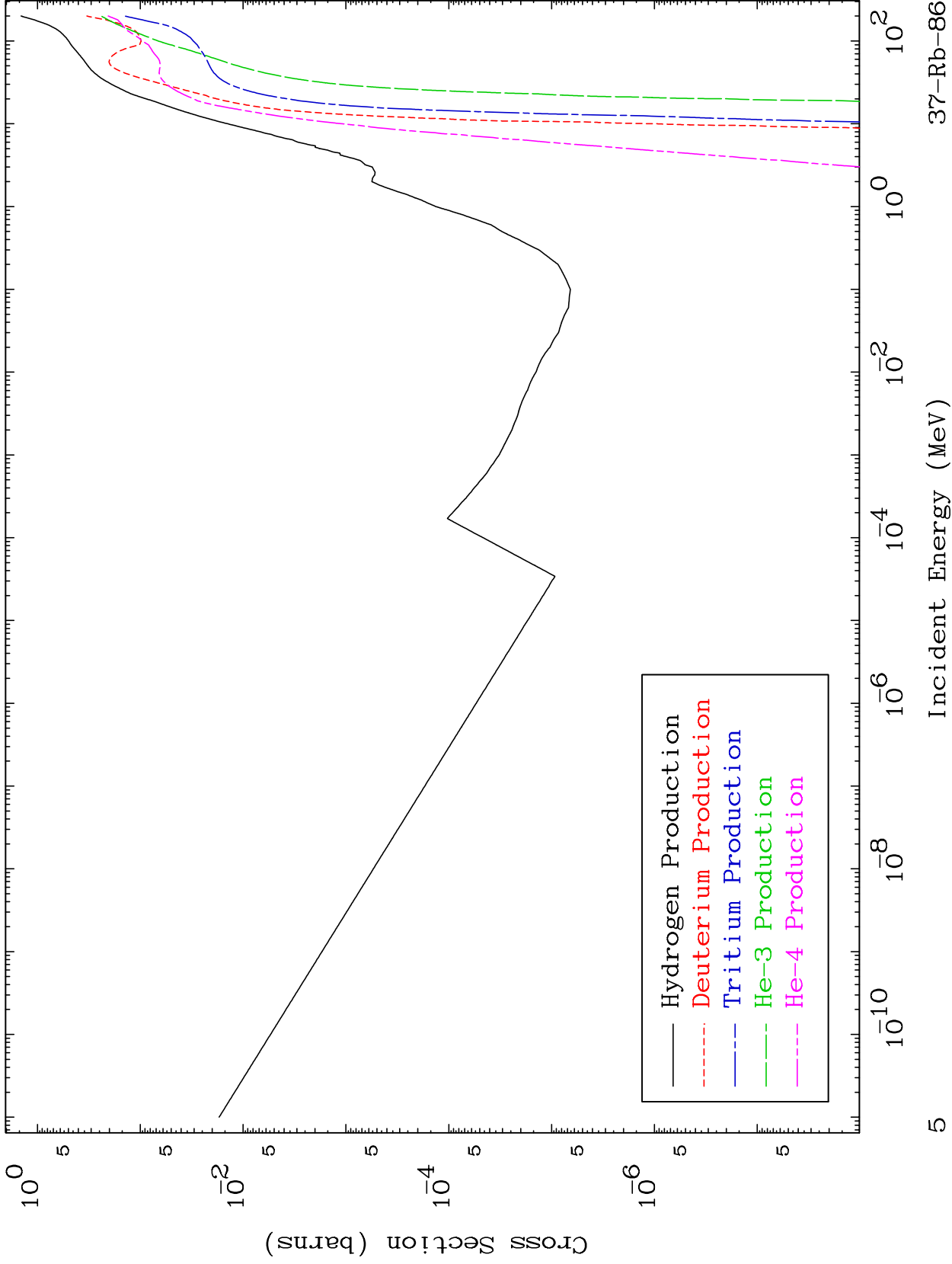
37-Rb-86



MAT 3728

Particle Production
293 Kelvin Cross Sections

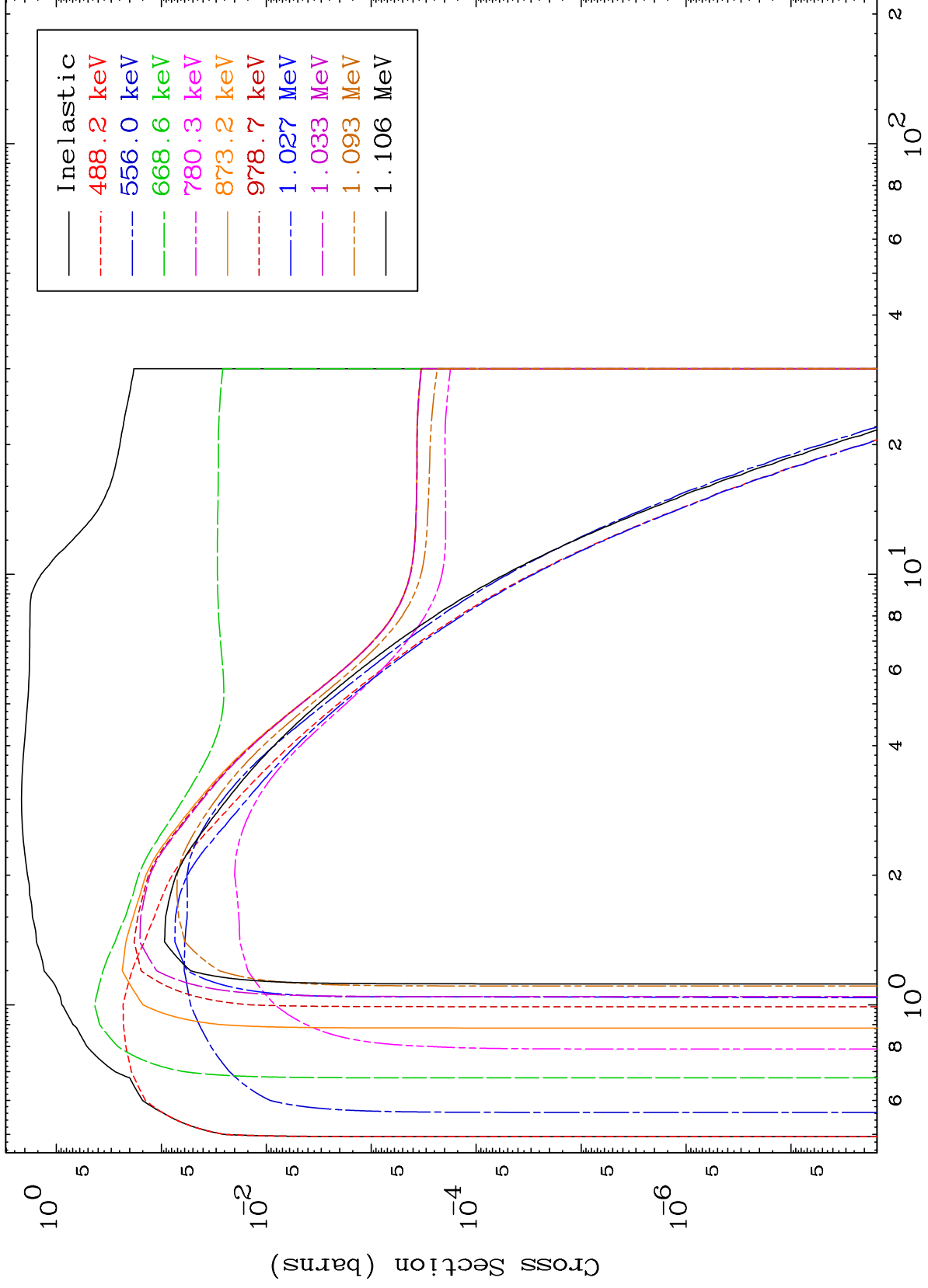
37-Rb-86



MAT 3728

(n,n') Level
293 Kelvin Cross Sections

37-Rb-86



6

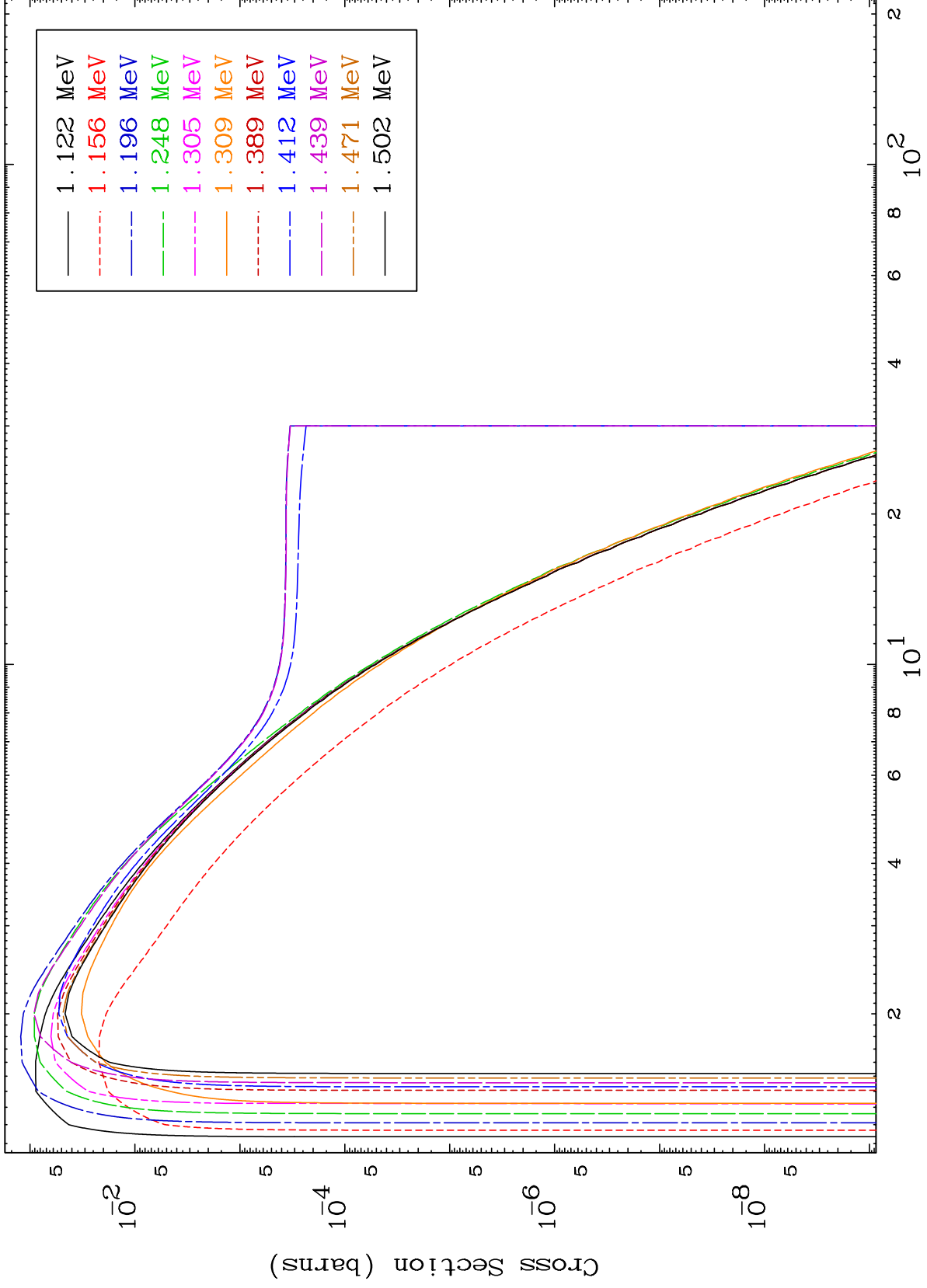
Incident Energy (MeV)

37-Rb-86

MAT 3728

(n,n') Level
293 Kelvin Cross Sections

37-Rb-86

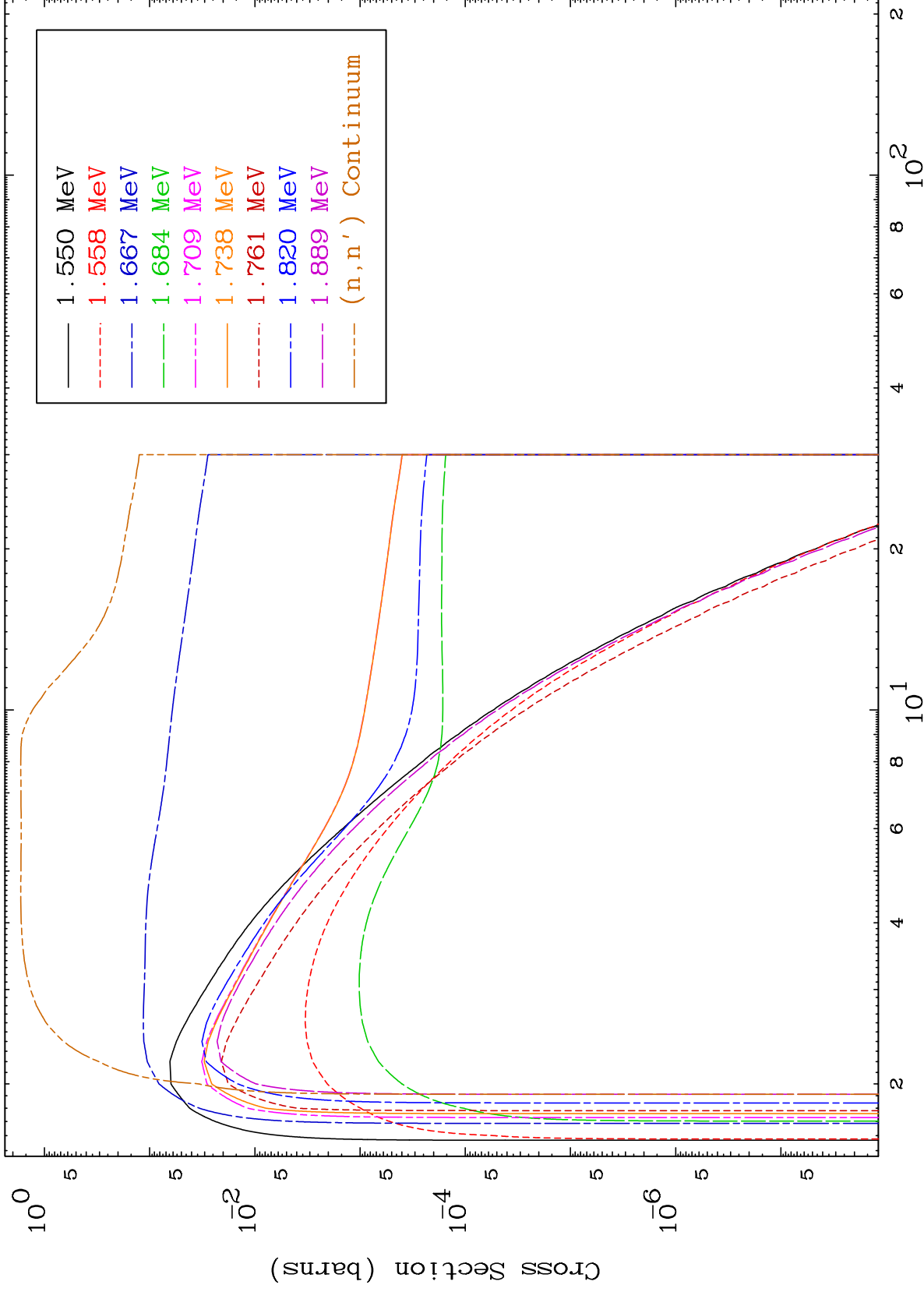


7

Incident Energy (MeV)

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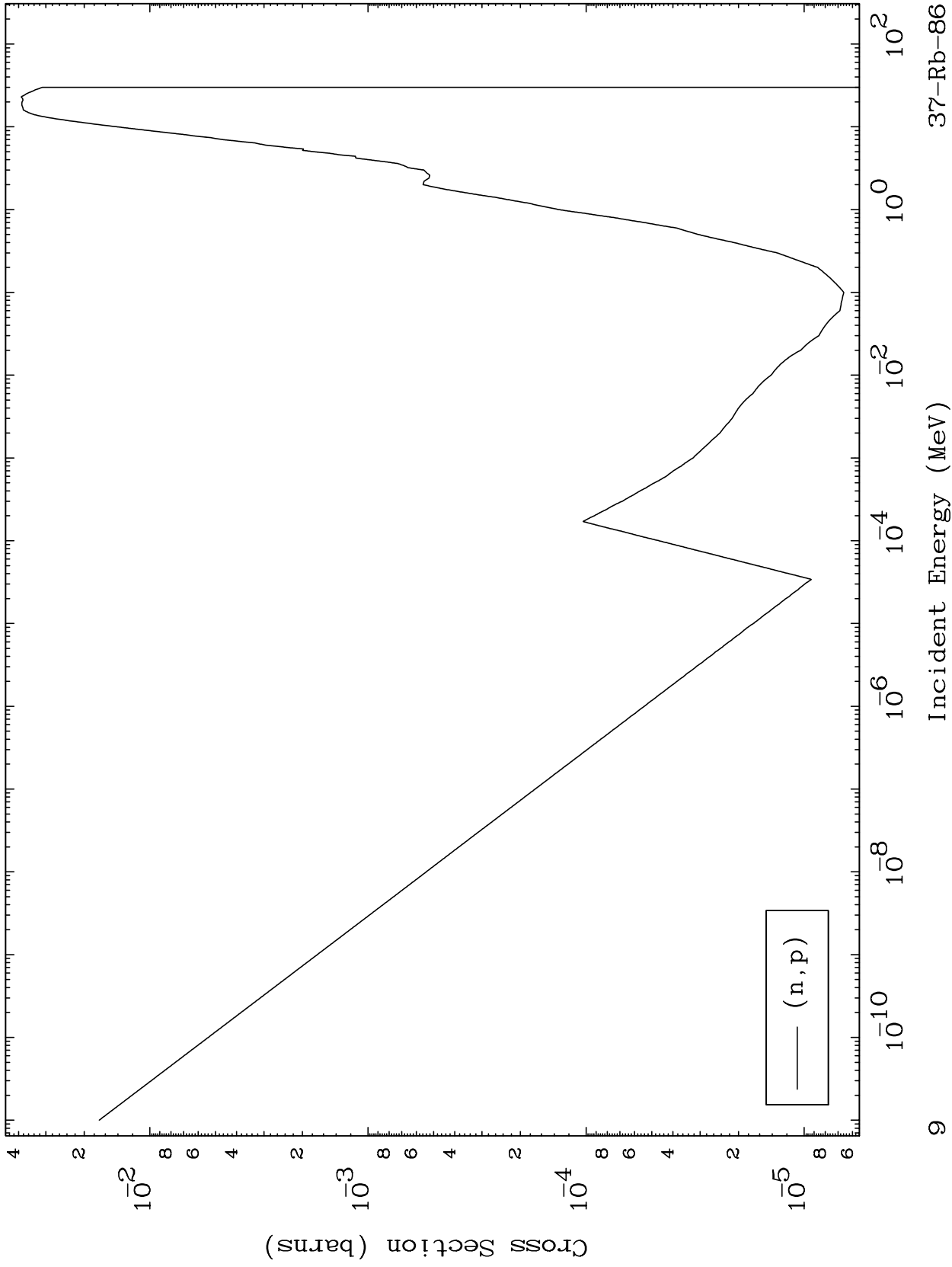
293 Kelvin Cross Sections



MAT 3728

(n,p) Levels
293 Kelvin Cross Sections

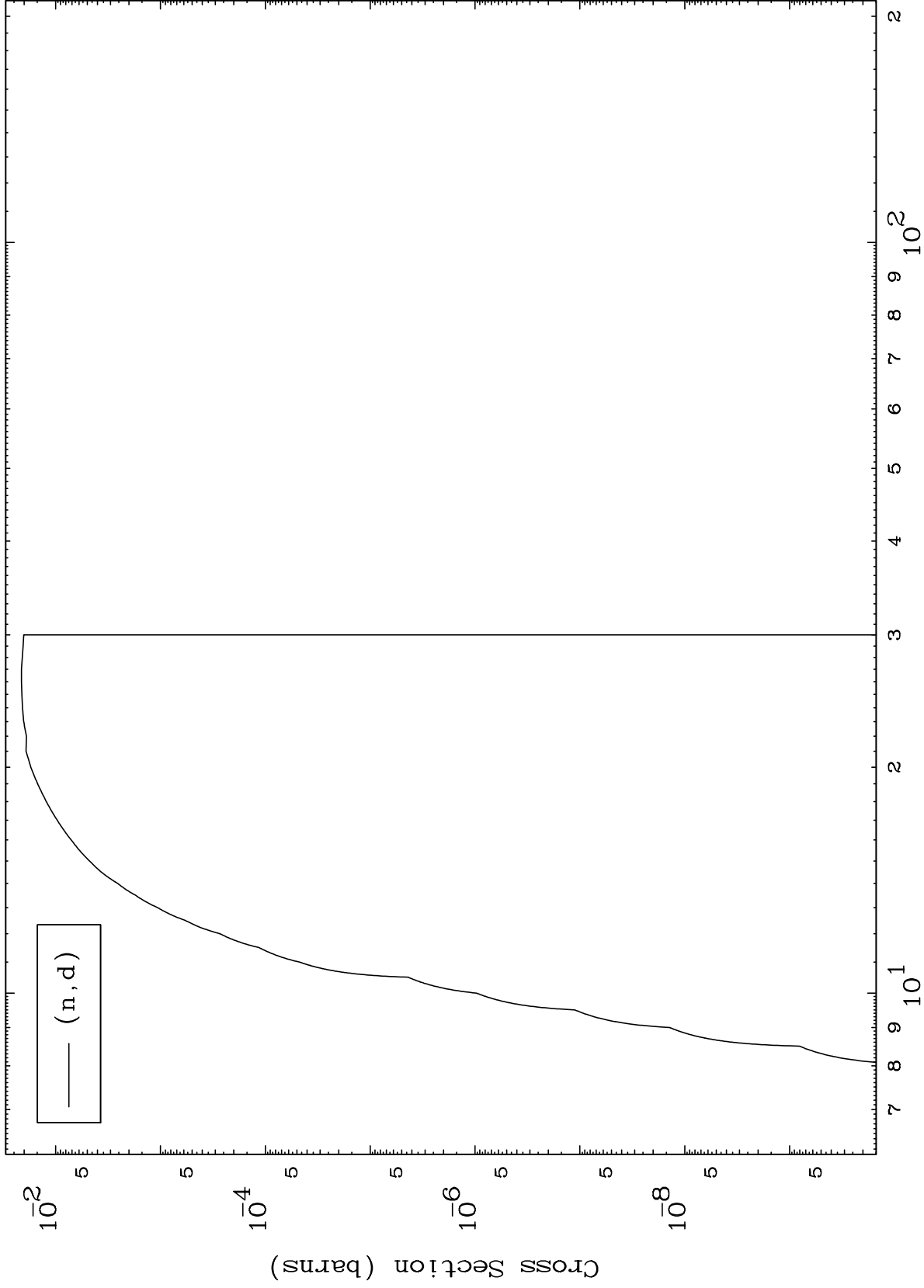
37-Rb-86



MAT 3728

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-86



10

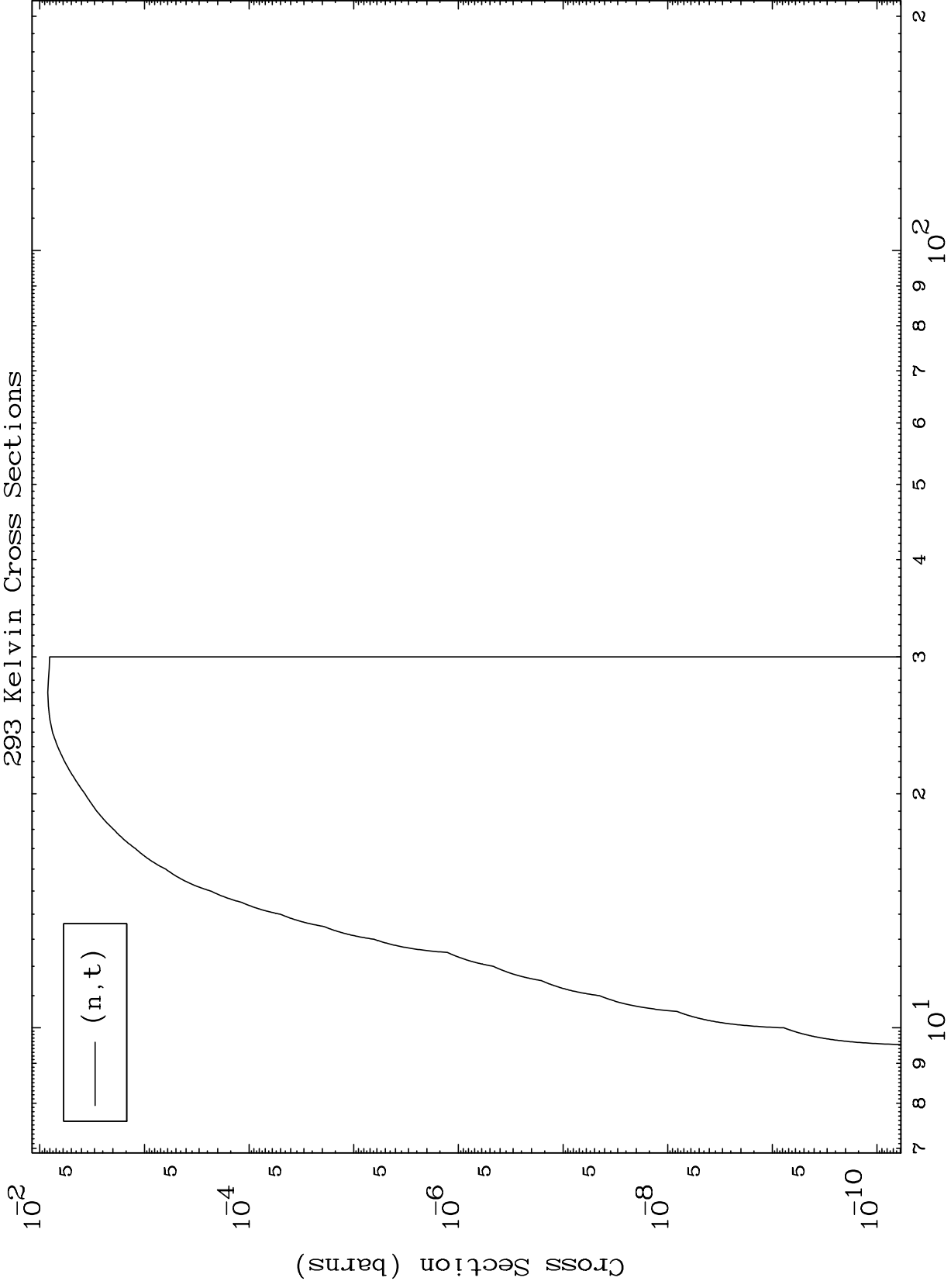
Incident Energy (MeV)

37-Rb-86

MAT 3728

(n,t) Levels
293 Kelvin Cross Sections

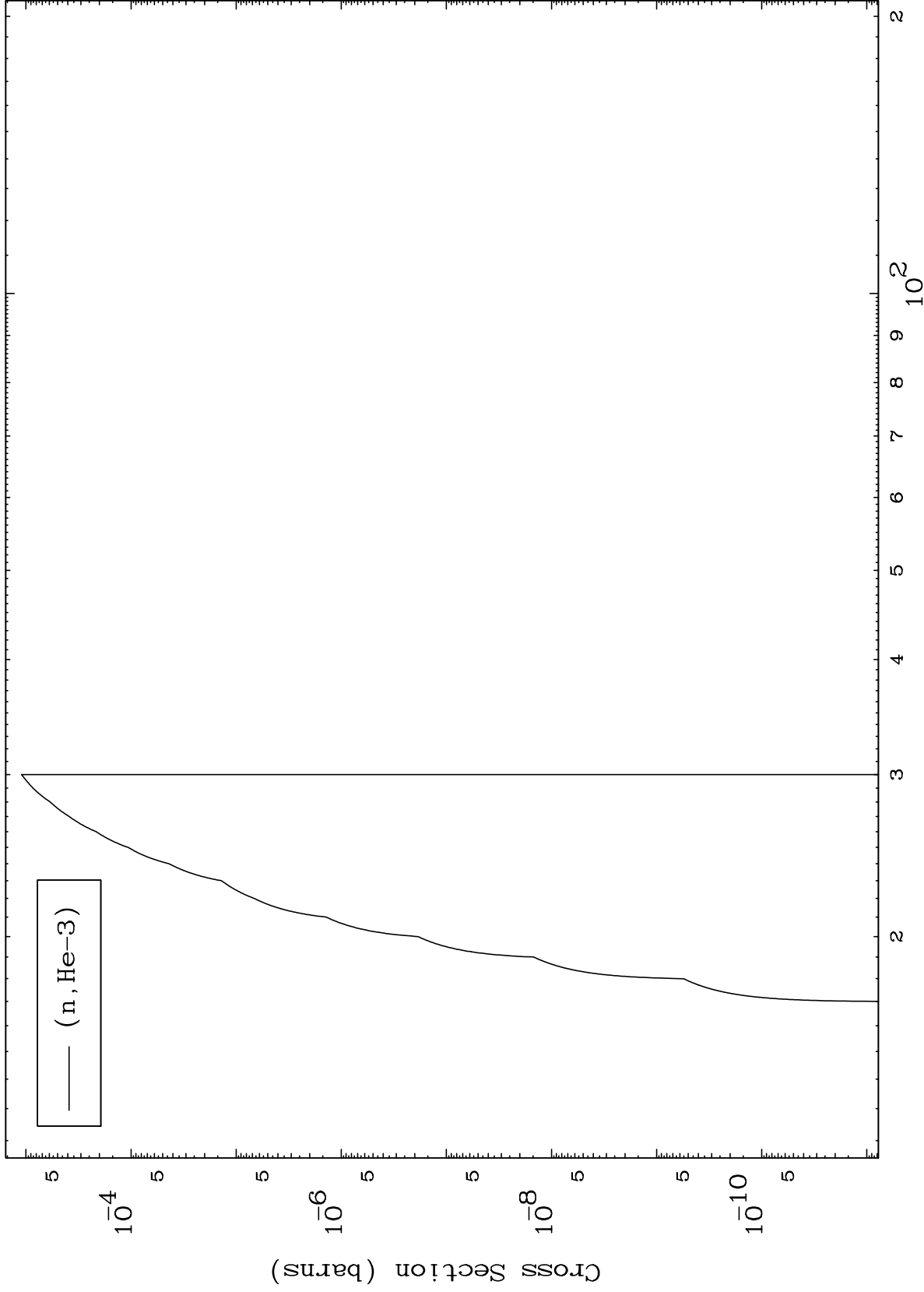
37-Rb-86



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Incident Energy (MeV)

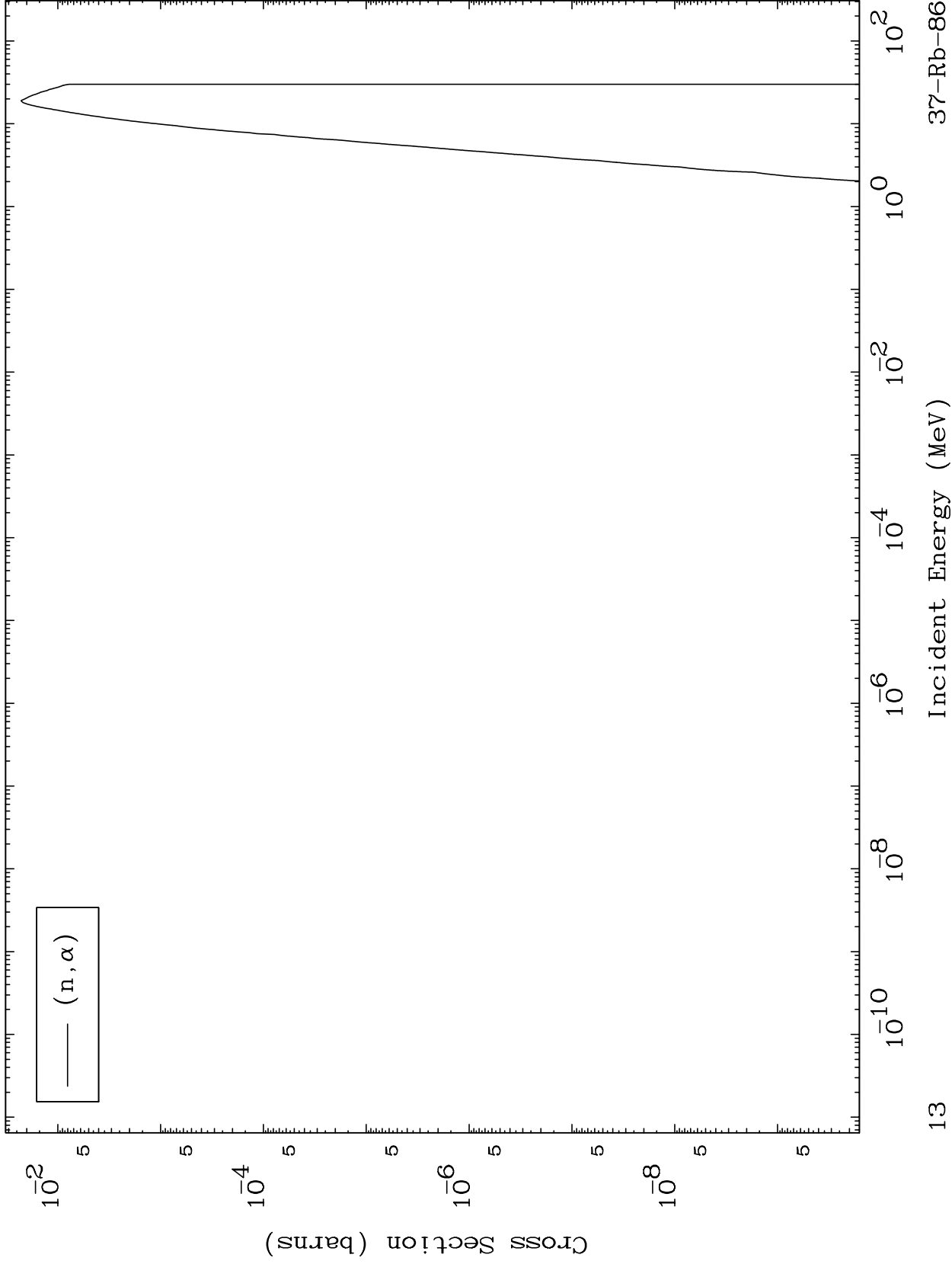
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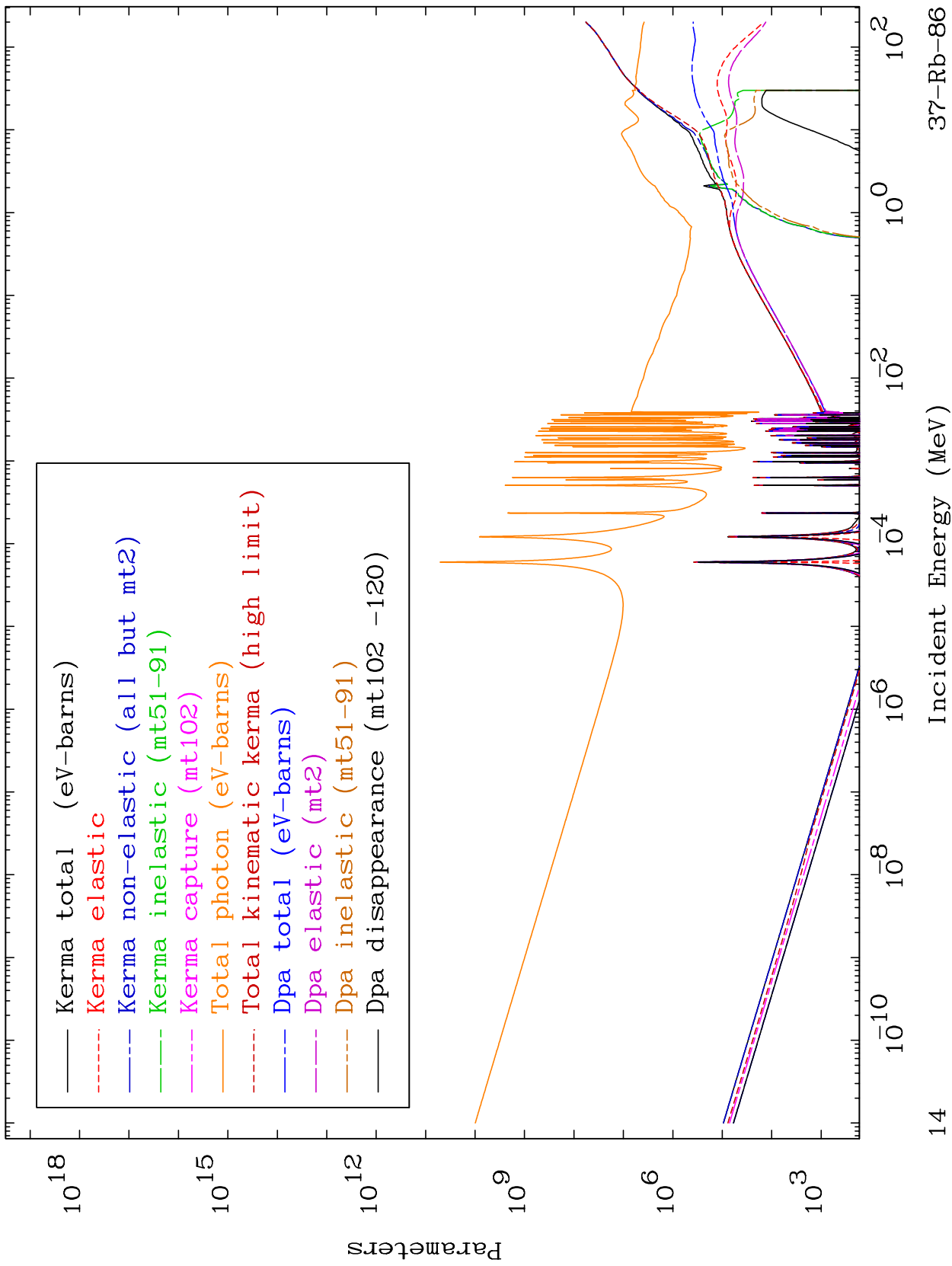


MAT 3728

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-86

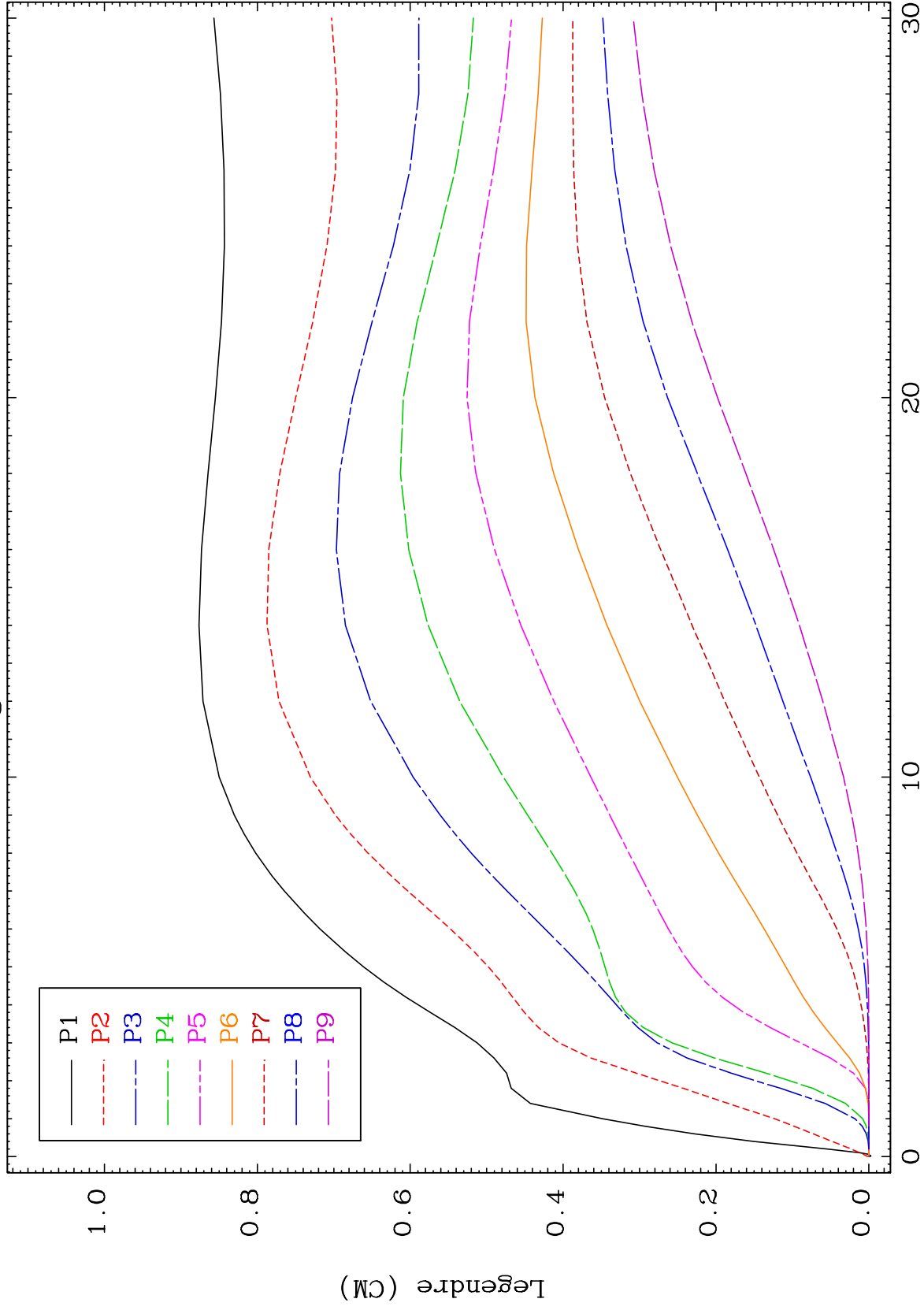




MAT 3728

Elastic Legendre Coefficients

³⁷Rb-86



15

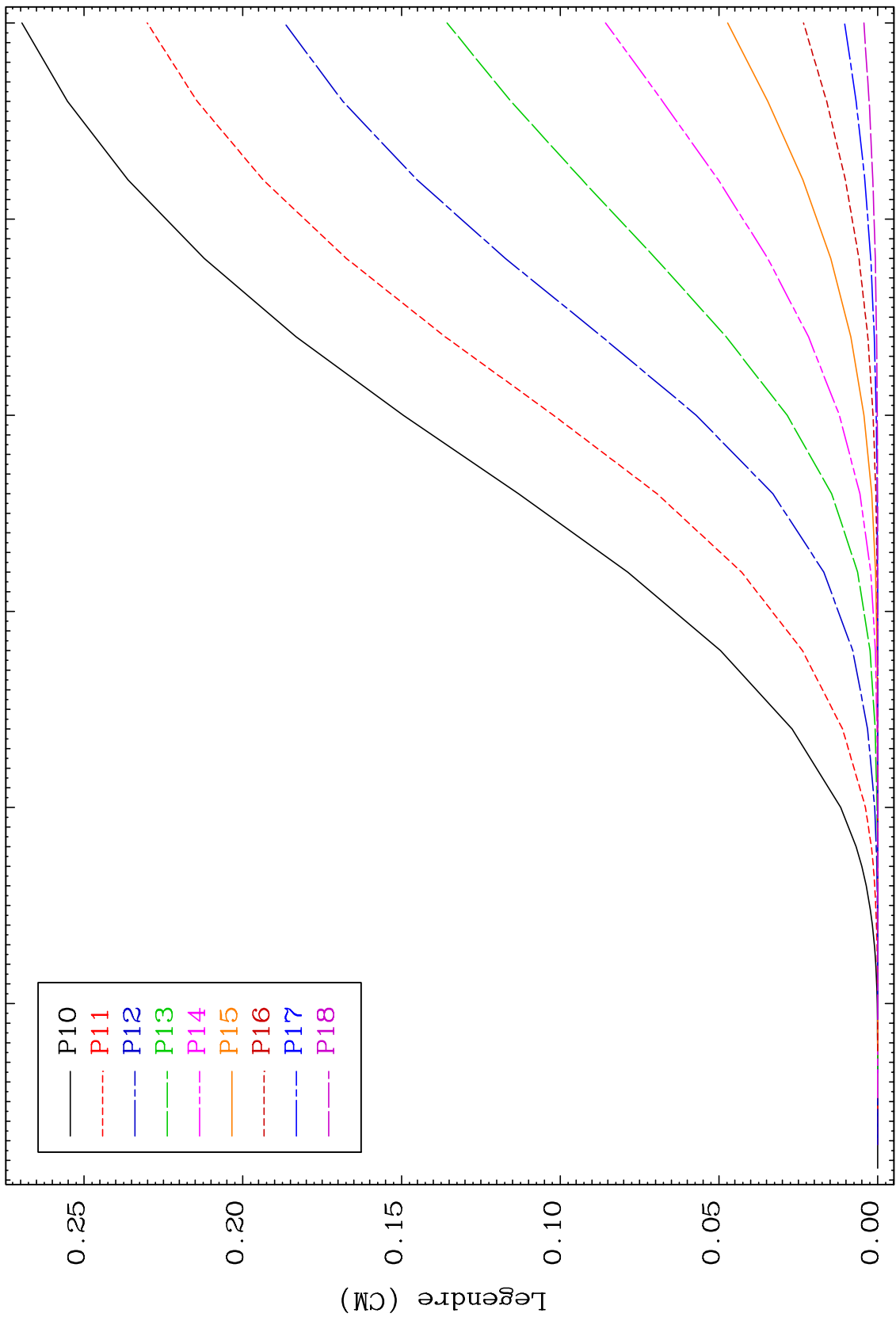
Incident Energy (MeV)

³⁷Rb-86

MAT 3728

Elastic Legendre Coefficients

37-Rb-86



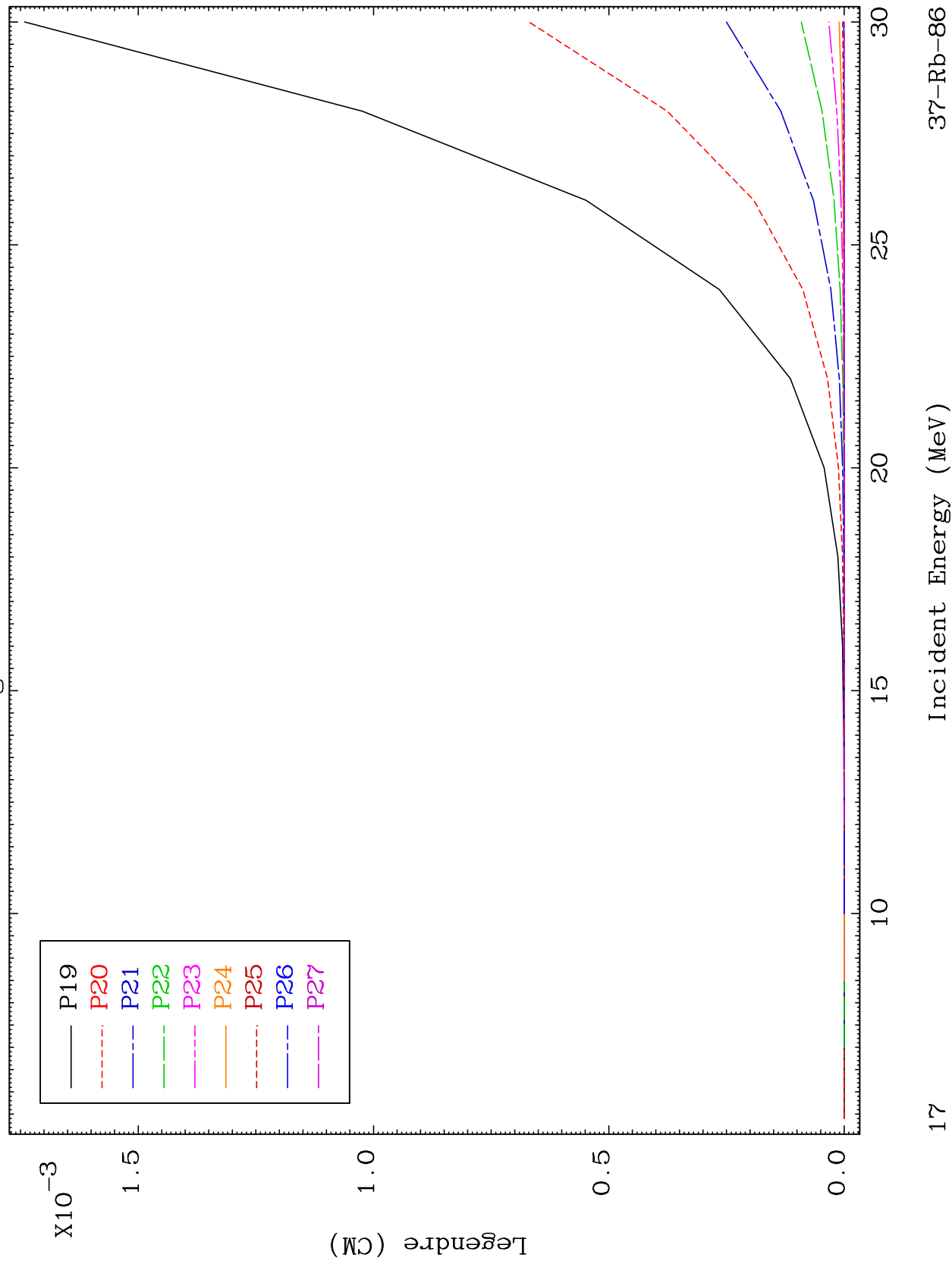
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37-Rb-86

MAT 3728

Elastic Legendre Coefficients

37-Rb-86

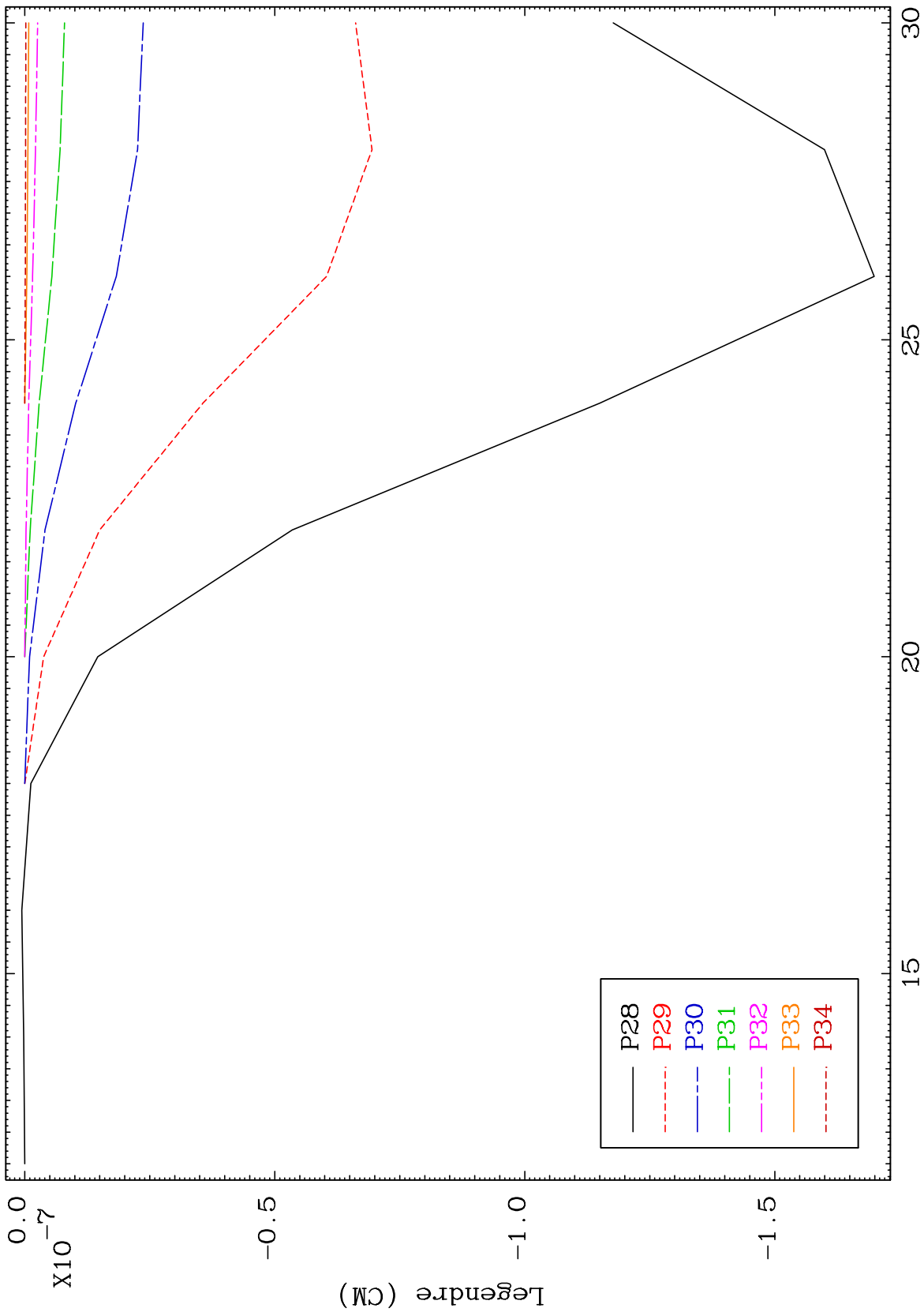


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 3728

37-Rb-86

Elastic Legendre Coefficients



18

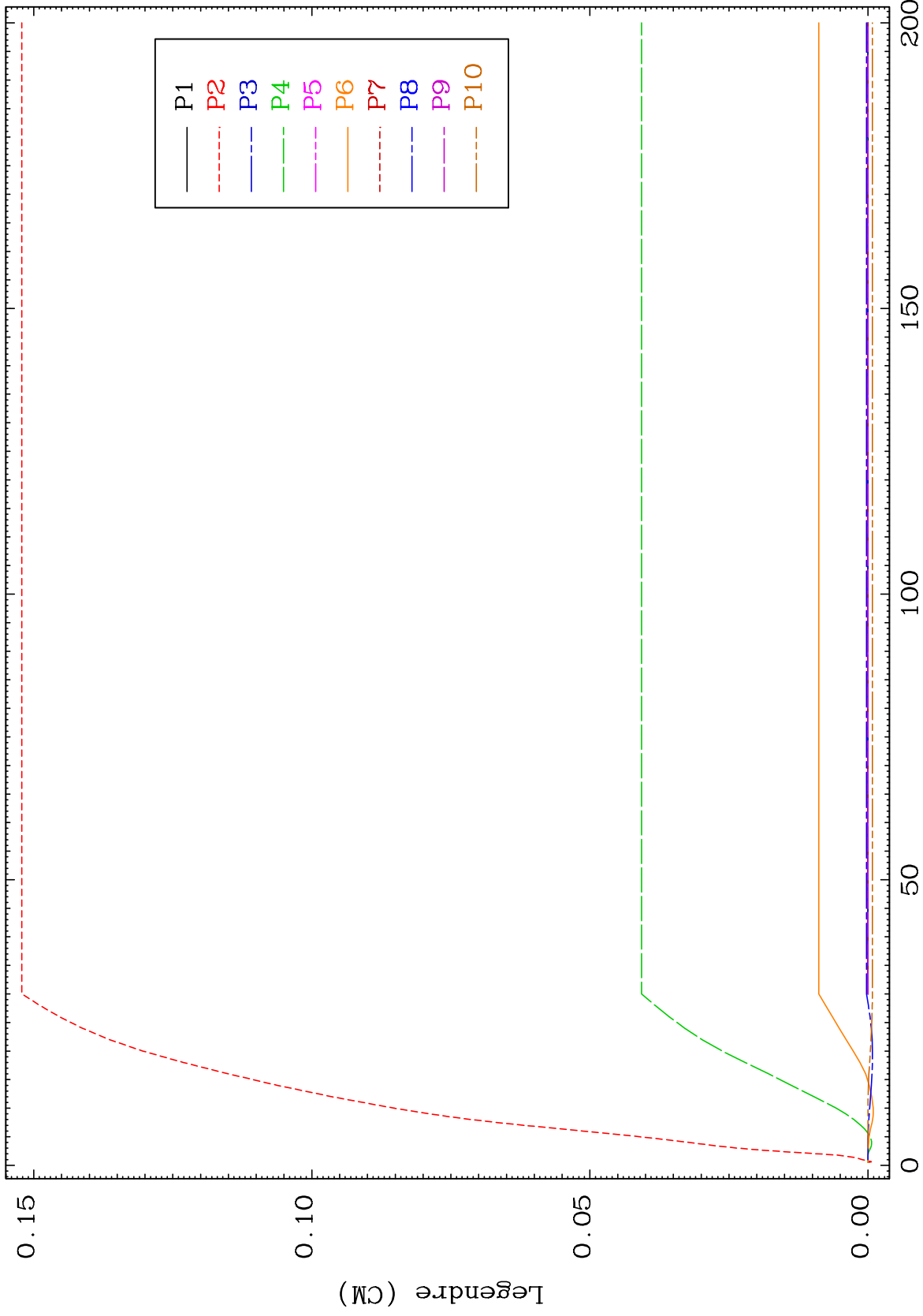
Incident Energy (MeV)

37-Rb-86

MAT 3728

488.2 keV (n,n') Level
Legendre Coefficients

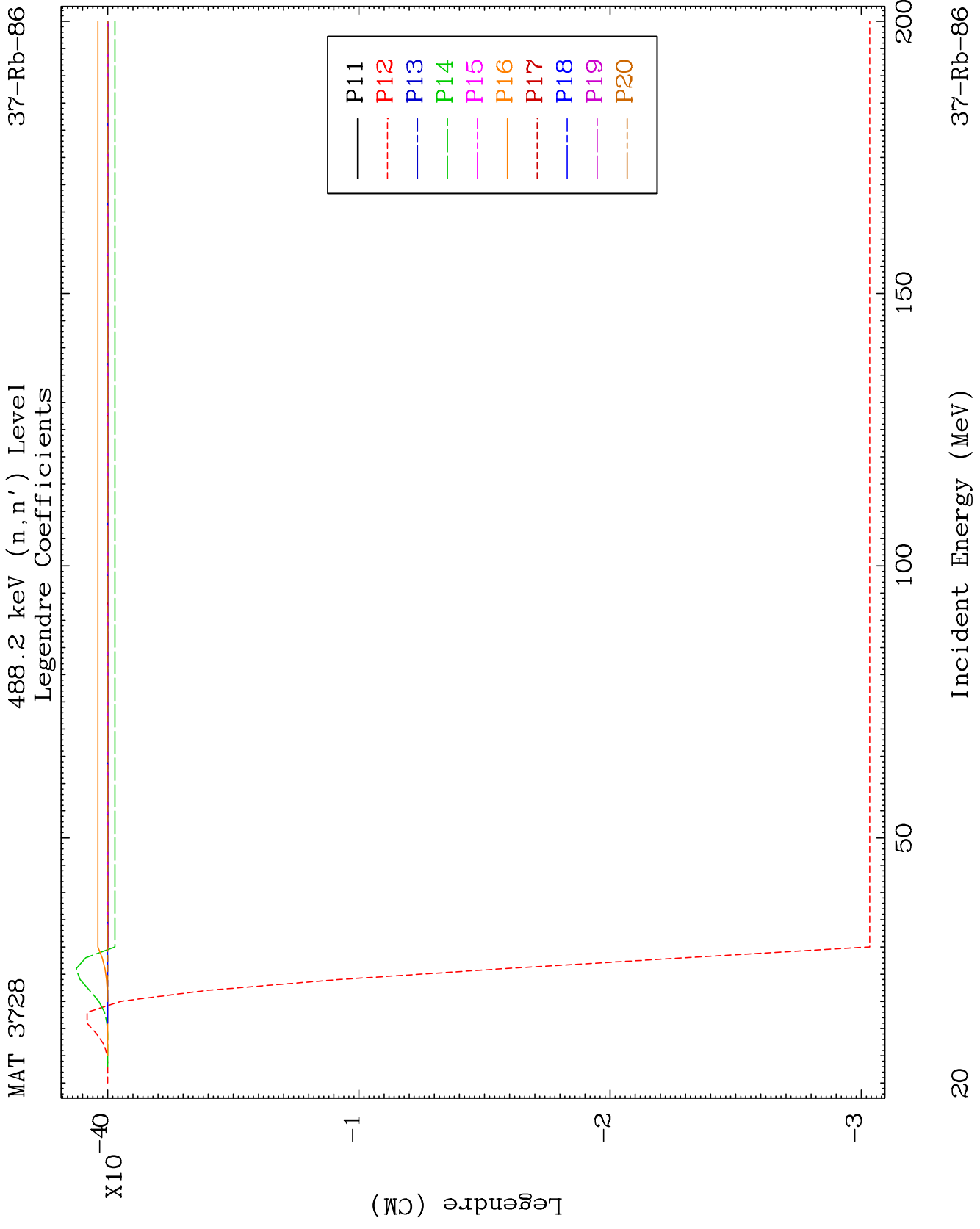
37-Rb-86



19

Incident Energy (MeV)

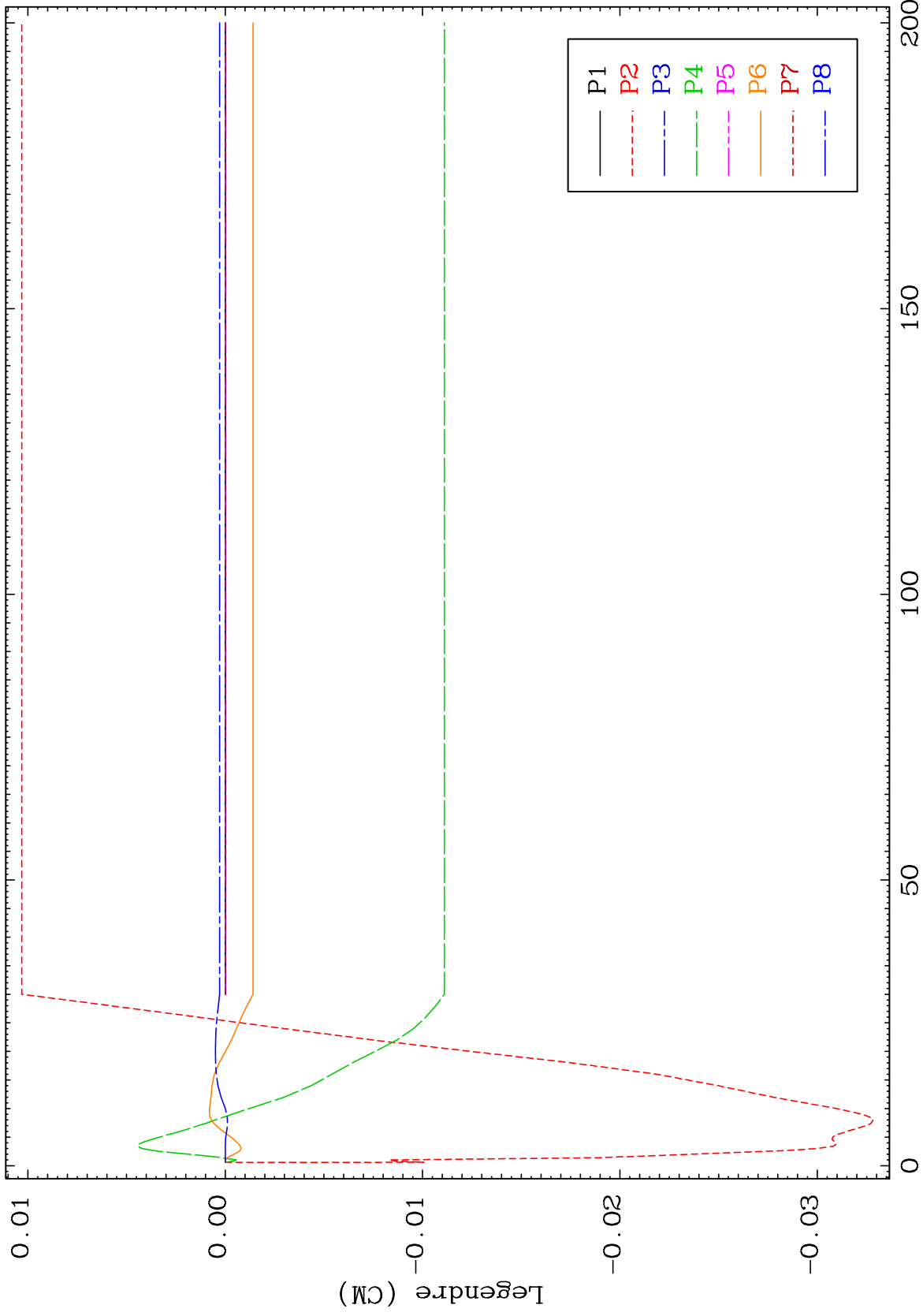
37-Rb-86



MAT 3728

556.0 keV (n,n') Level
Legendre Coefficients

37-Rb-86



21

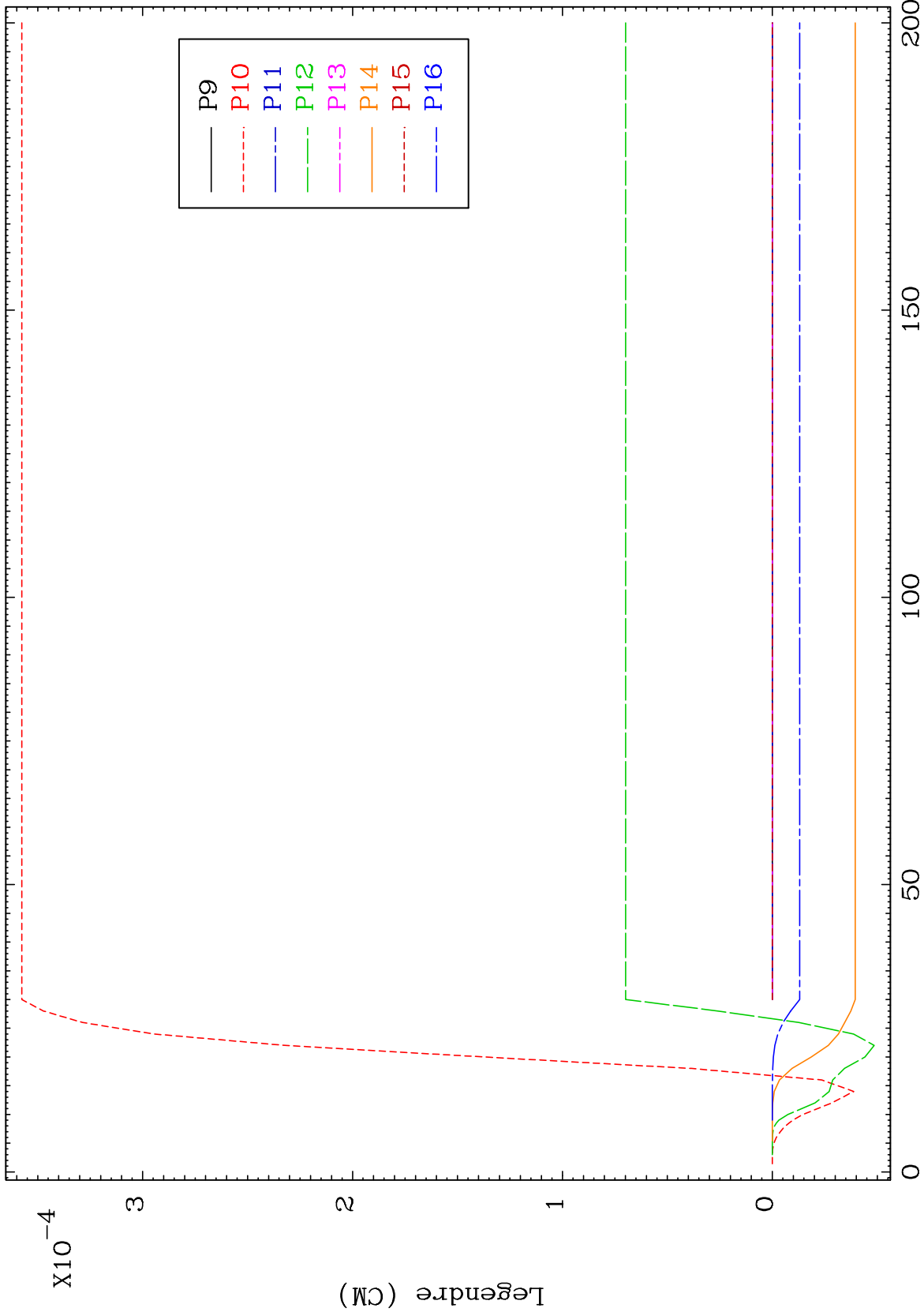
Incident Energy (MeV)

37-Rb-86

MAT 3728

556.0 keV (n,n') Level
Legendre Coefficients

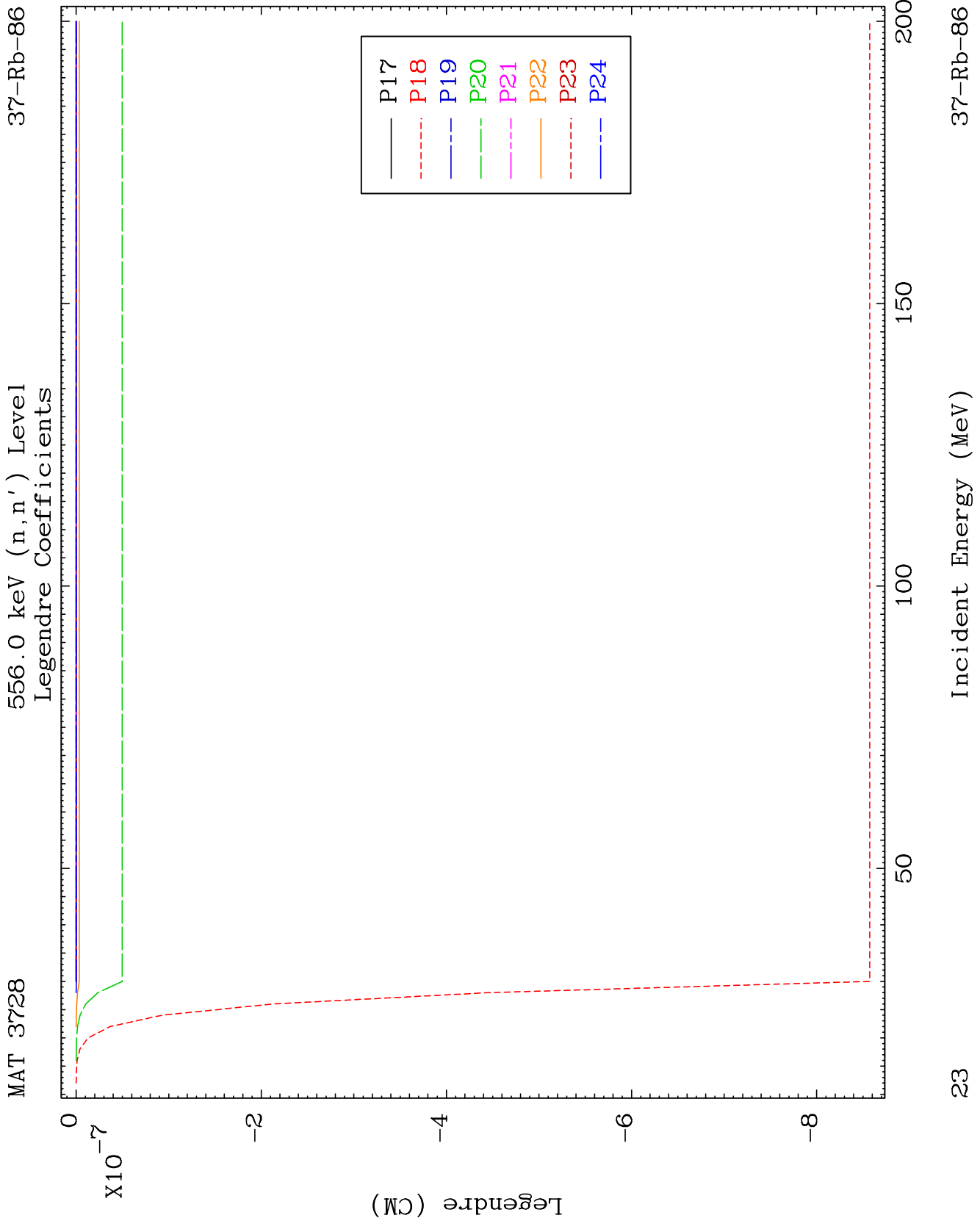
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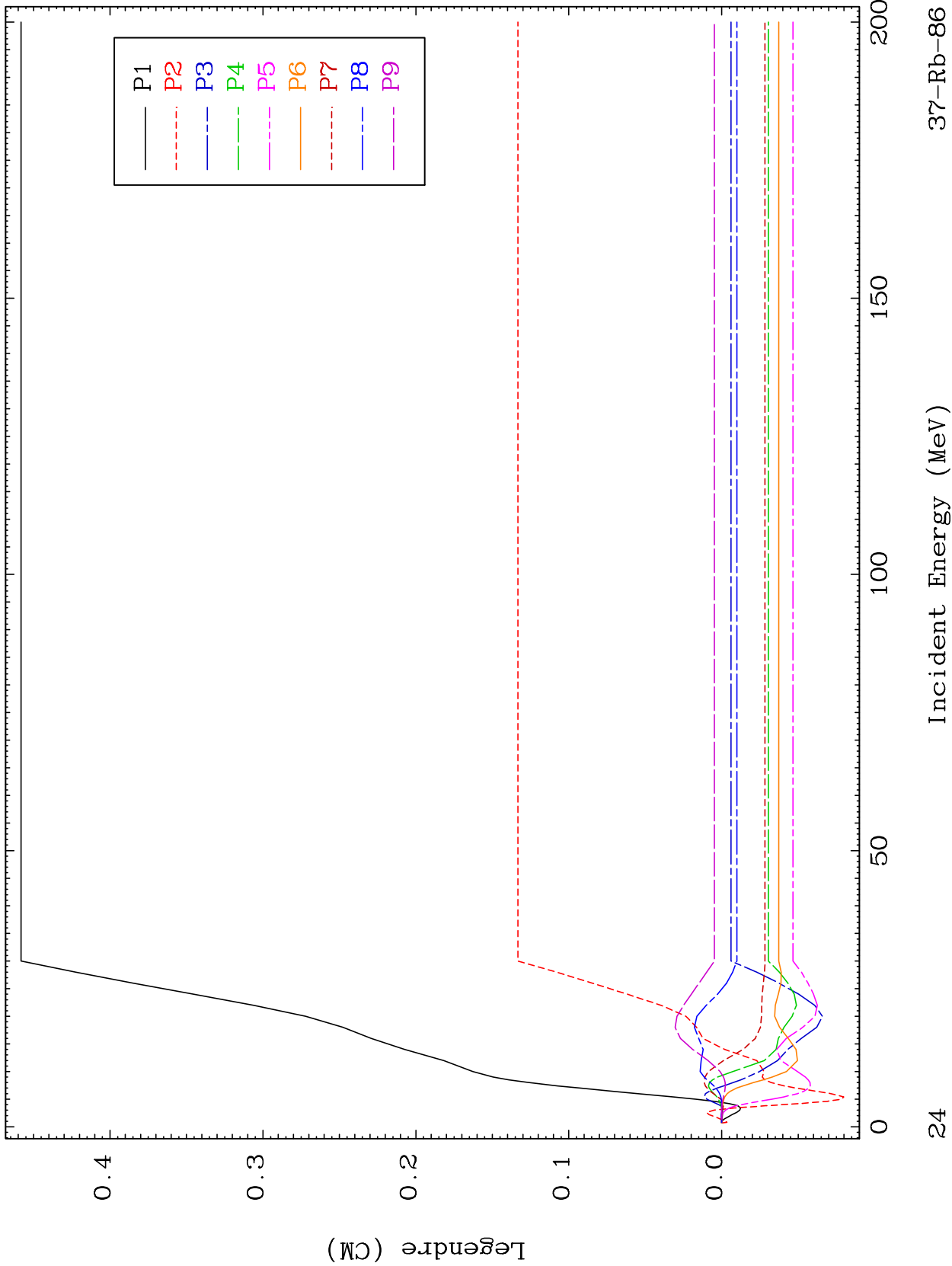


22

Incident Energy (MeV)

37-Rb-86

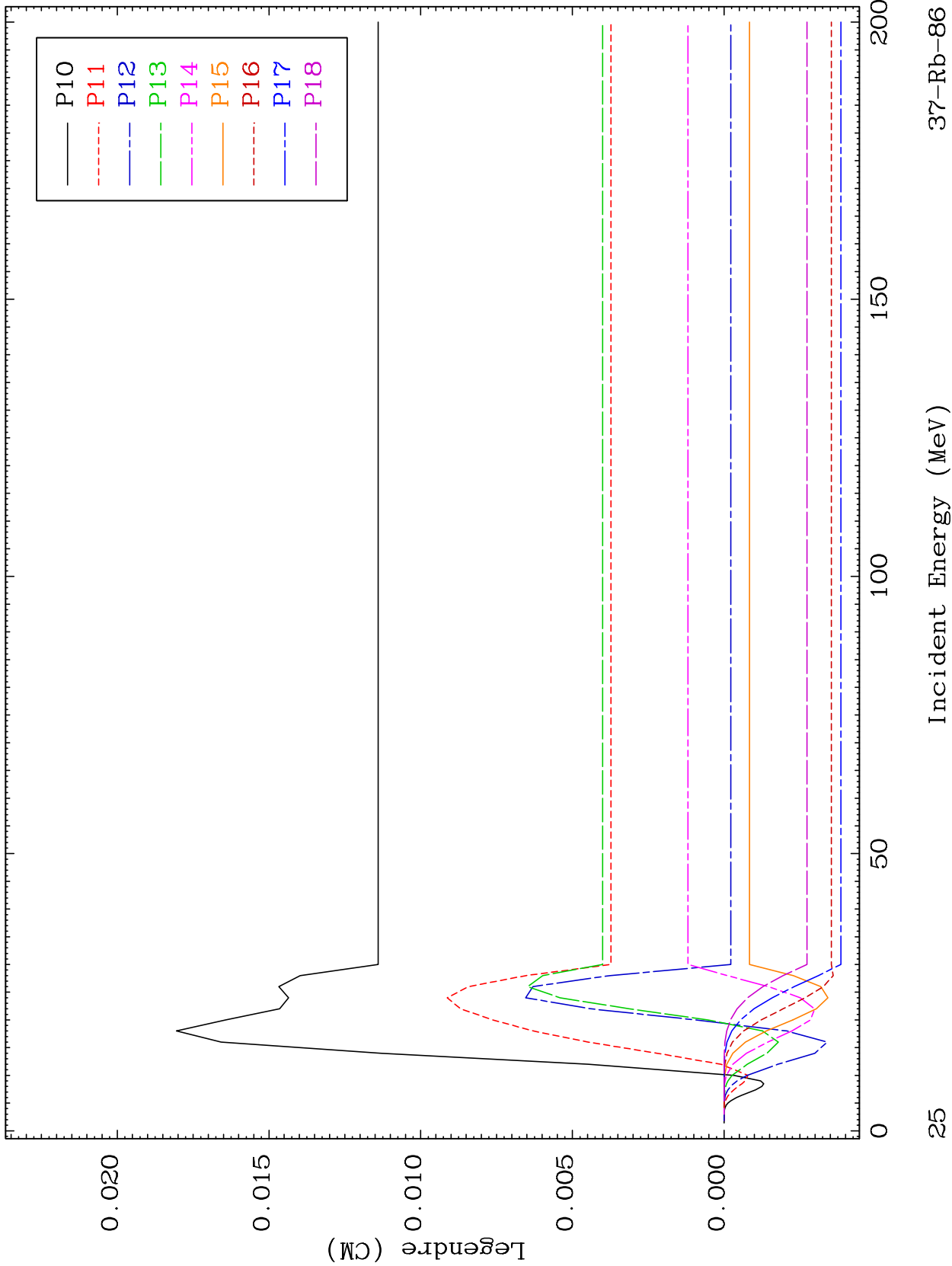




MAT 3728

668.6 keV (n,n') Level
Legendre Coefficients

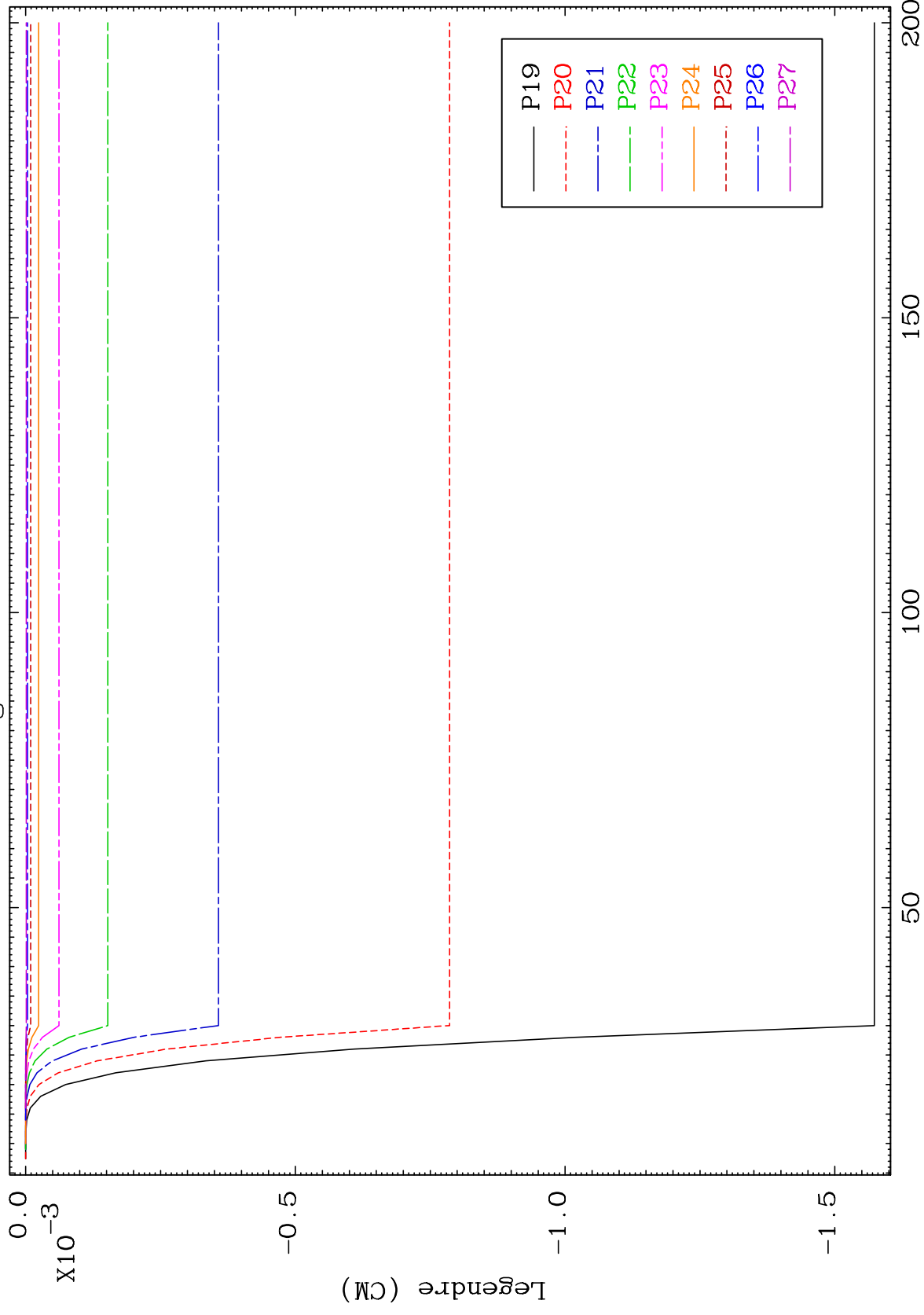
37-Rb-86

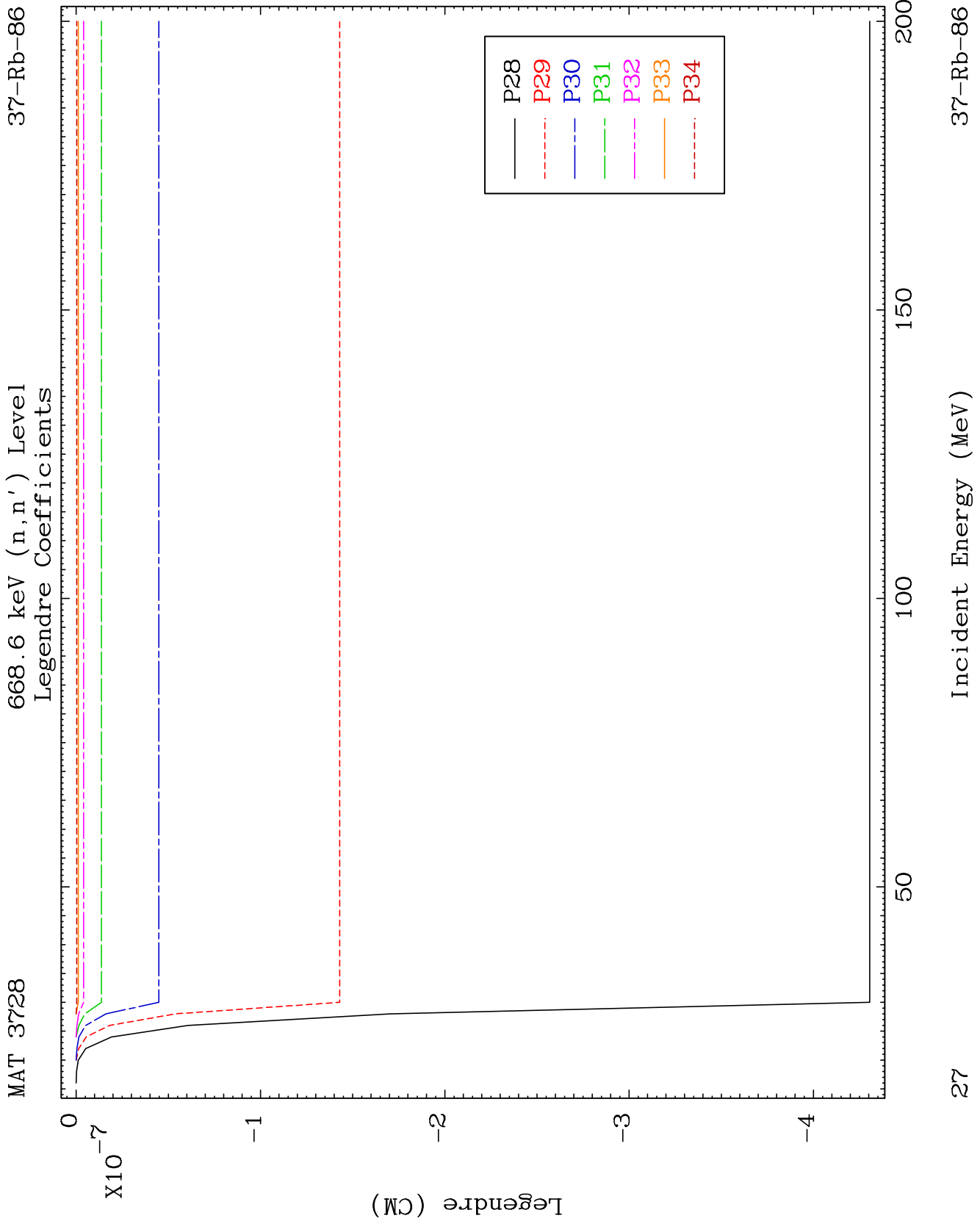


37-Rb-86

Incident Energy (MeV)

25

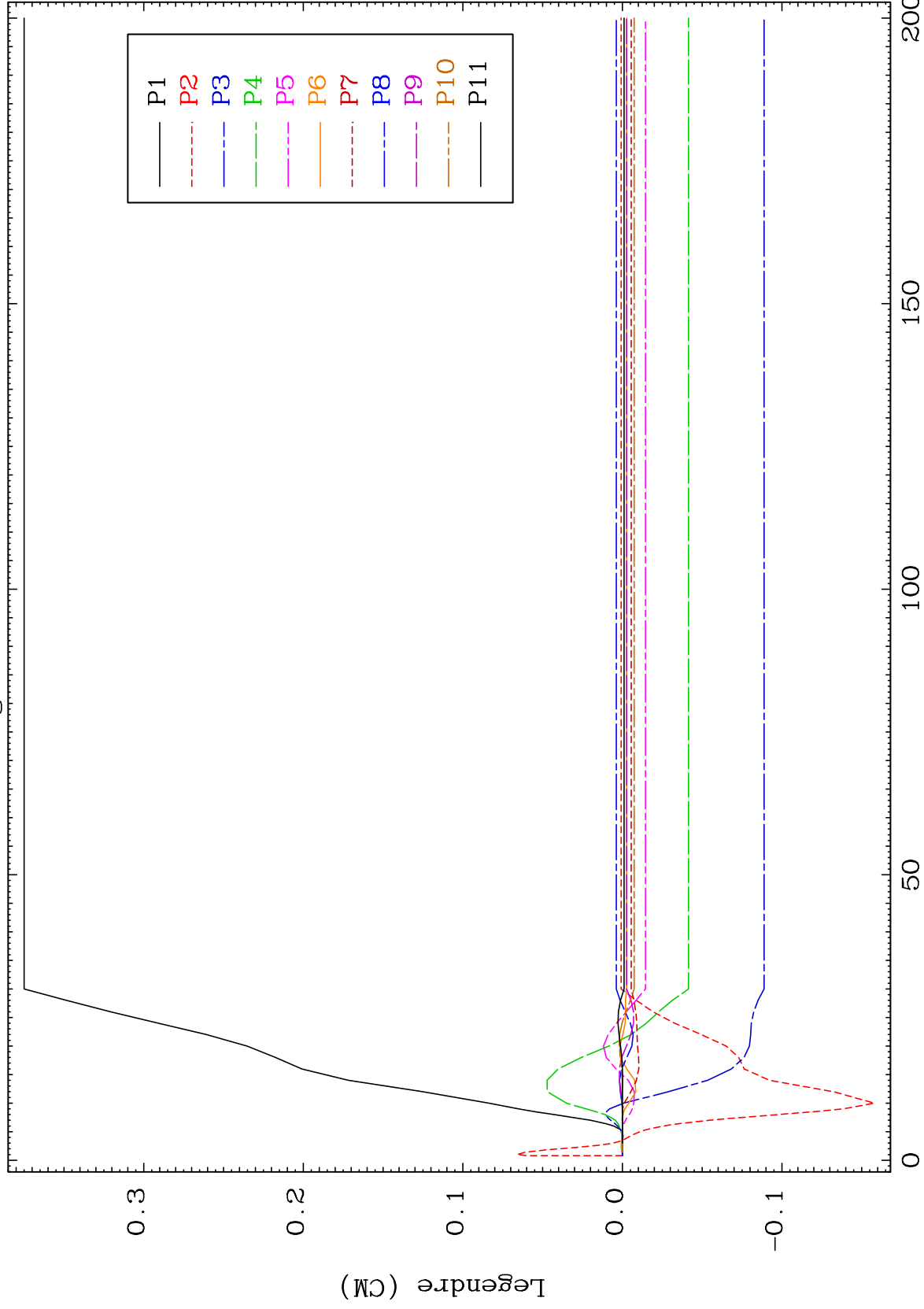




MAT 3728

780.3 keV (n,n') Level
Legendre Coefficients

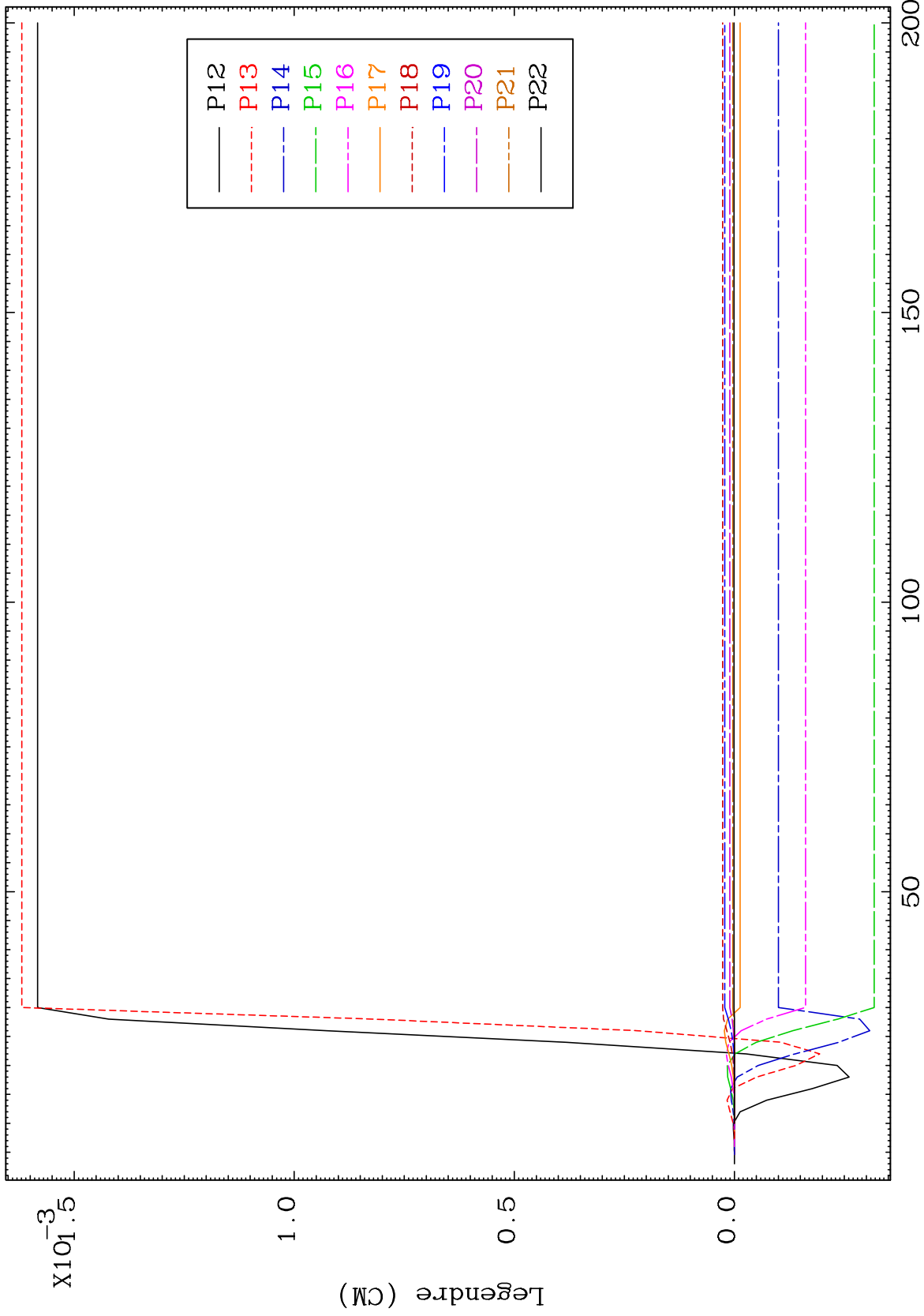
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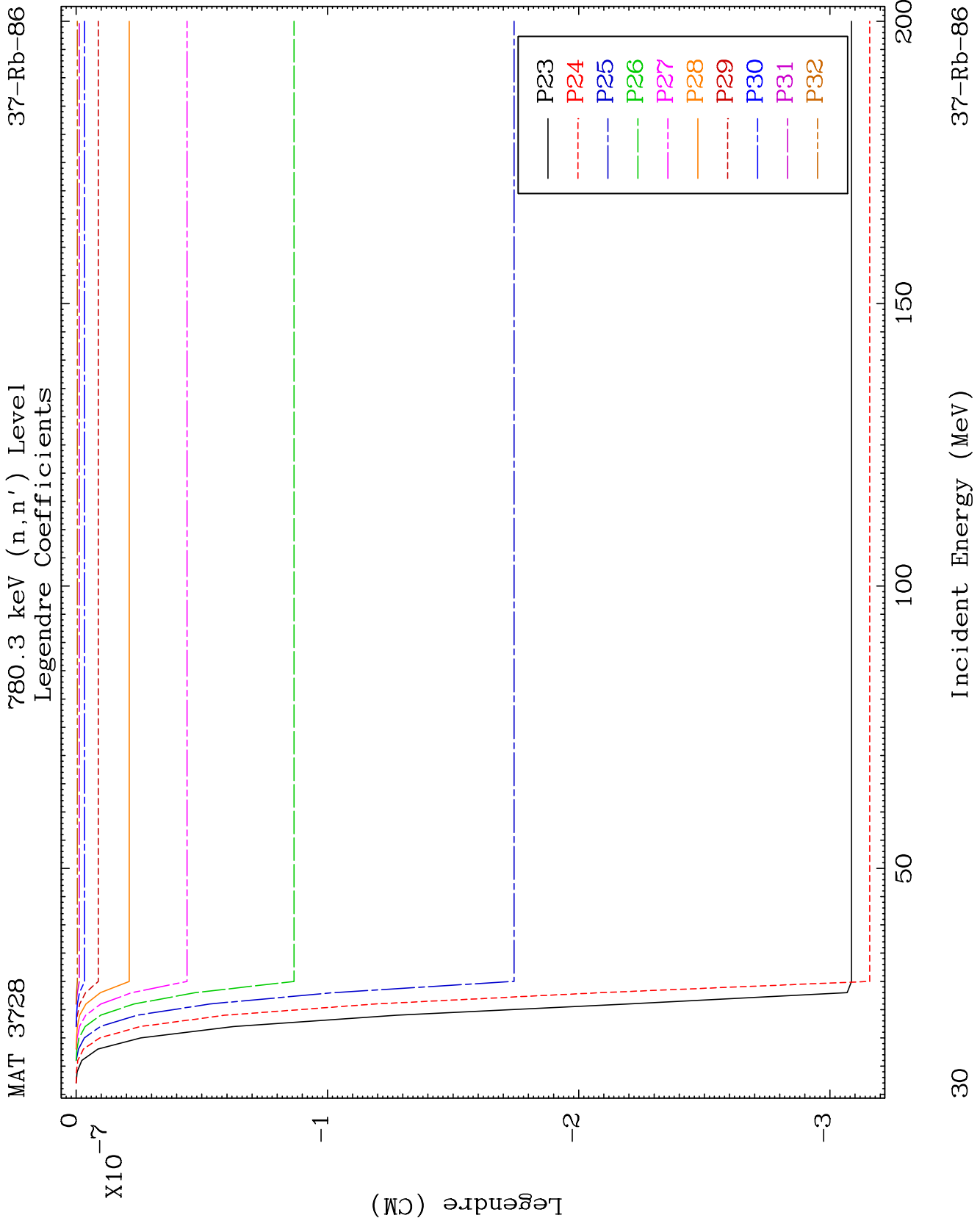


28

Incident Energy (MeV)

37-Rb-86

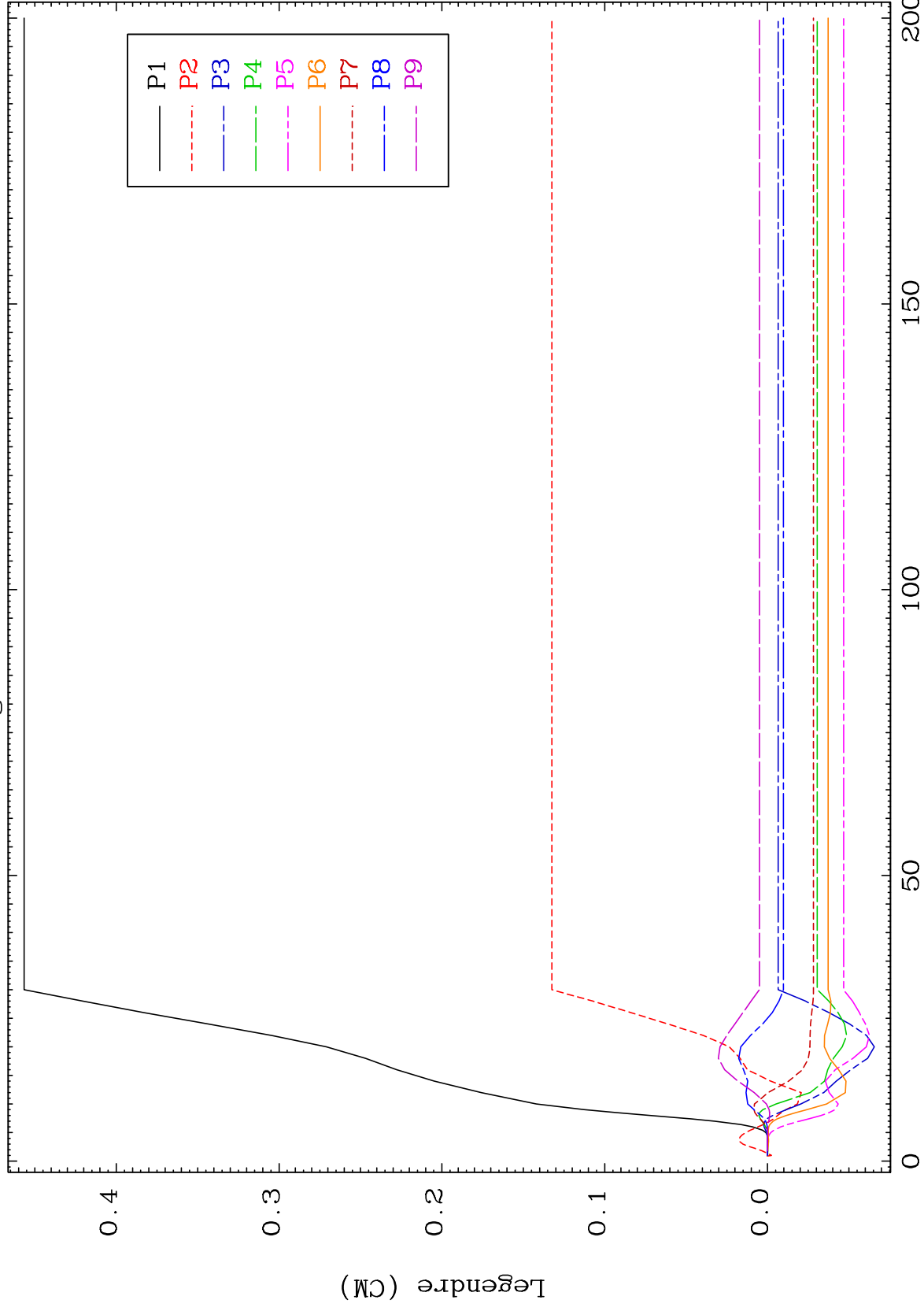




MAT 3728

873.2 keV (n,n') Level
Legendre Coefficients

37-Rb-86



31

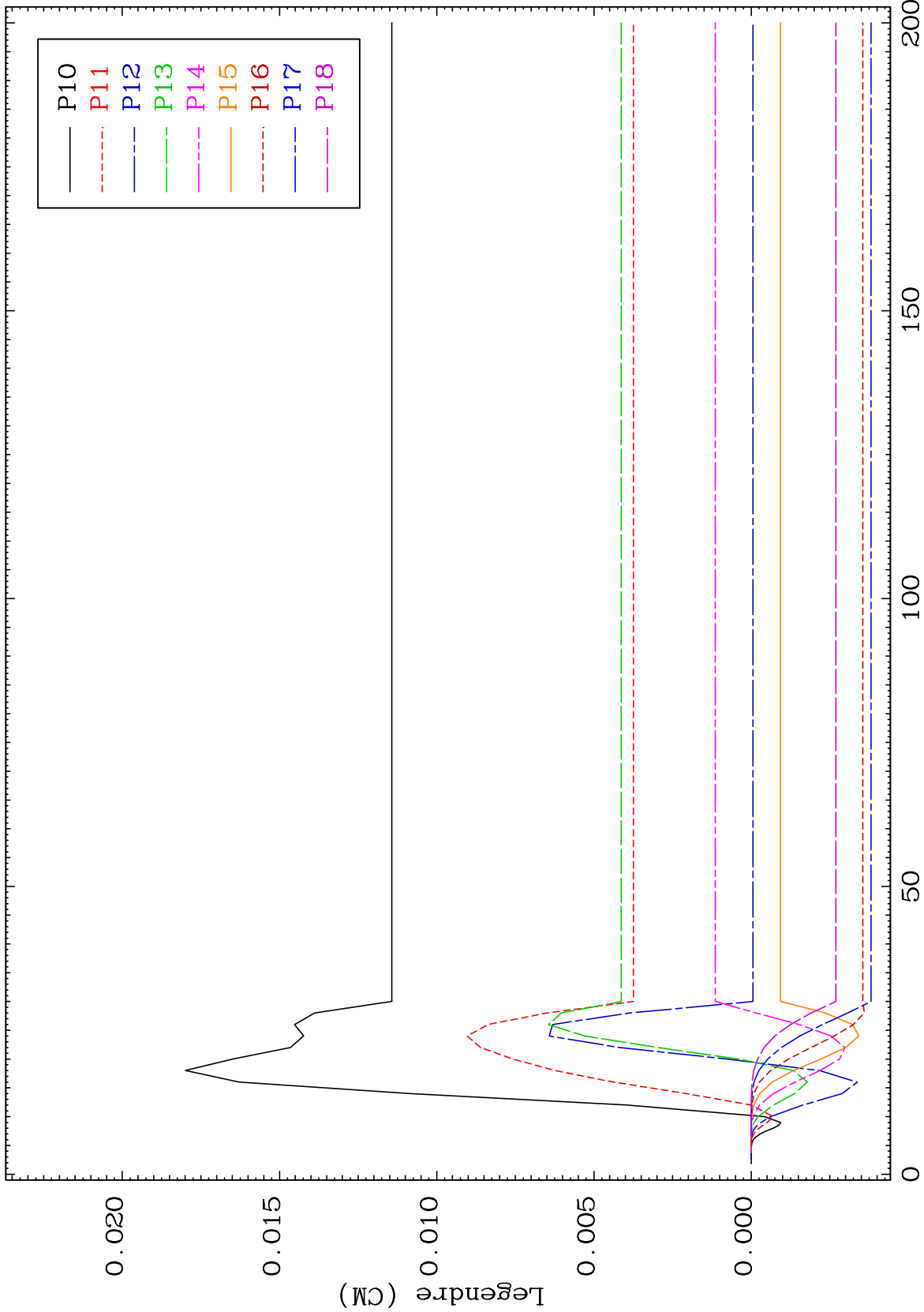
Incident Energy (MeV)

37-Rb-86

MAT 3728

873.2 keV (n,n') Level
Legendre Coefficients

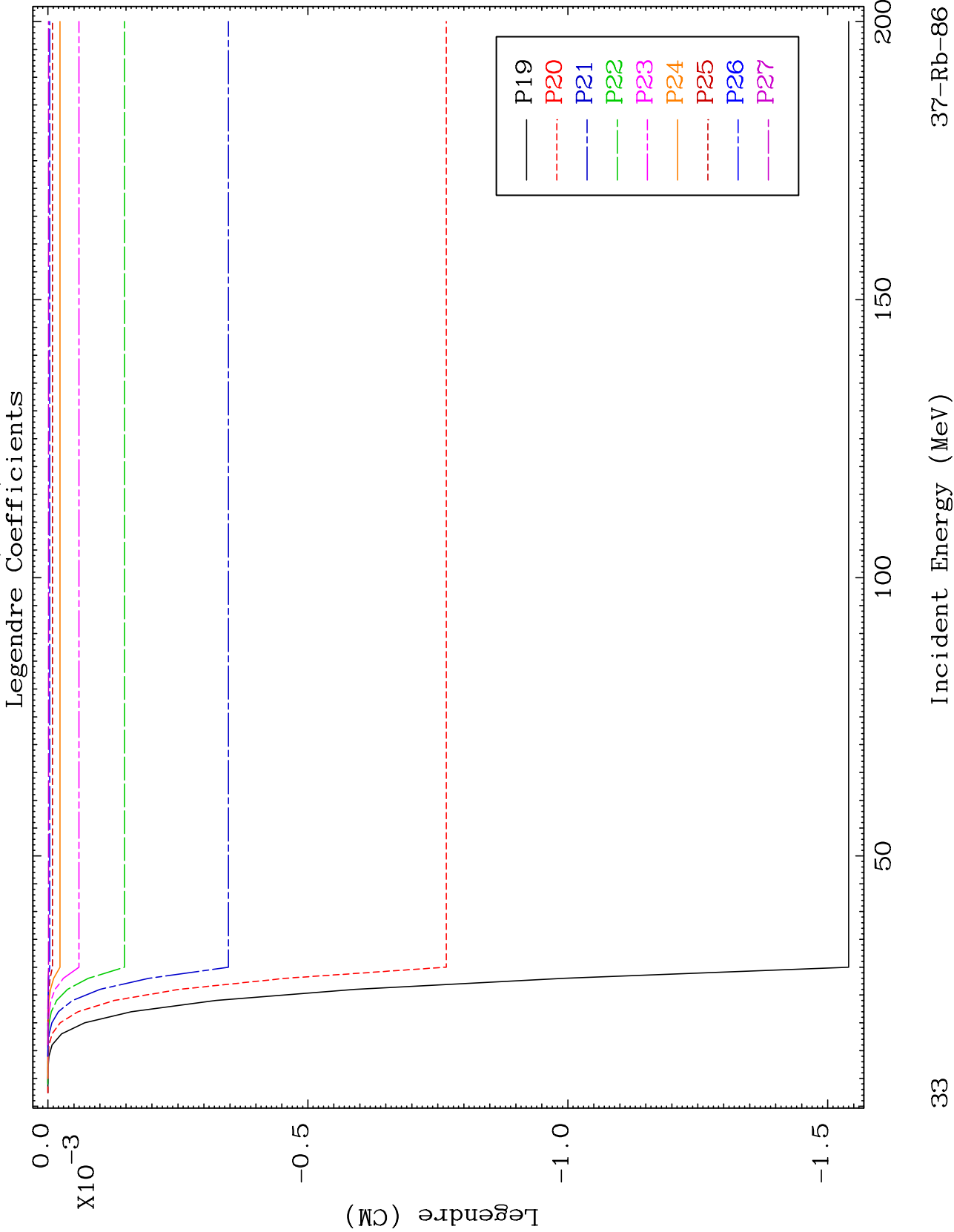
37-Rb-86



32

Incident Energy (MeV)

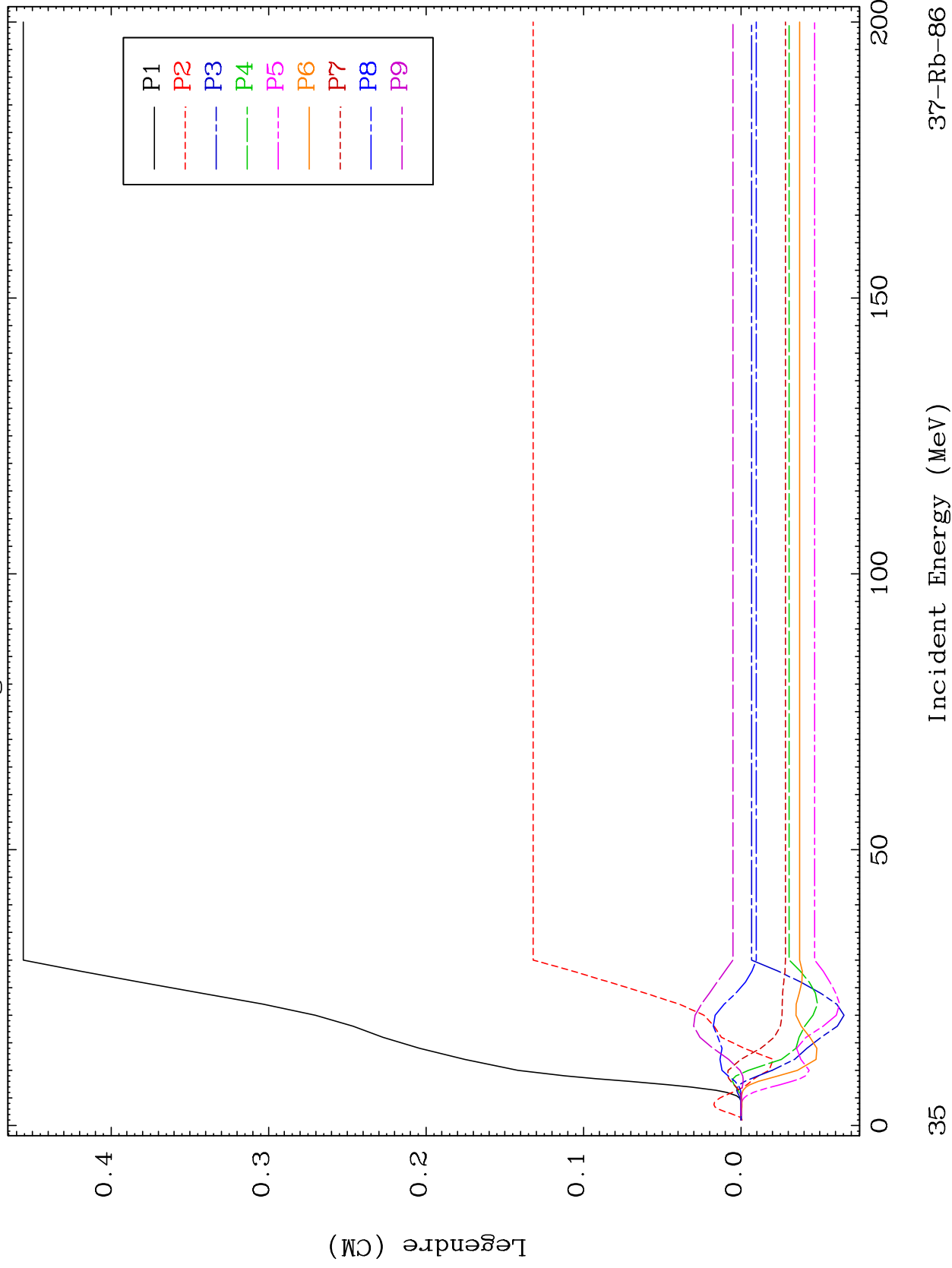
37-Rb-86



MAT 3728

978.7 keV (n,n') Level
Legendre Coefficients

37-Rb-86



37-Rb-86

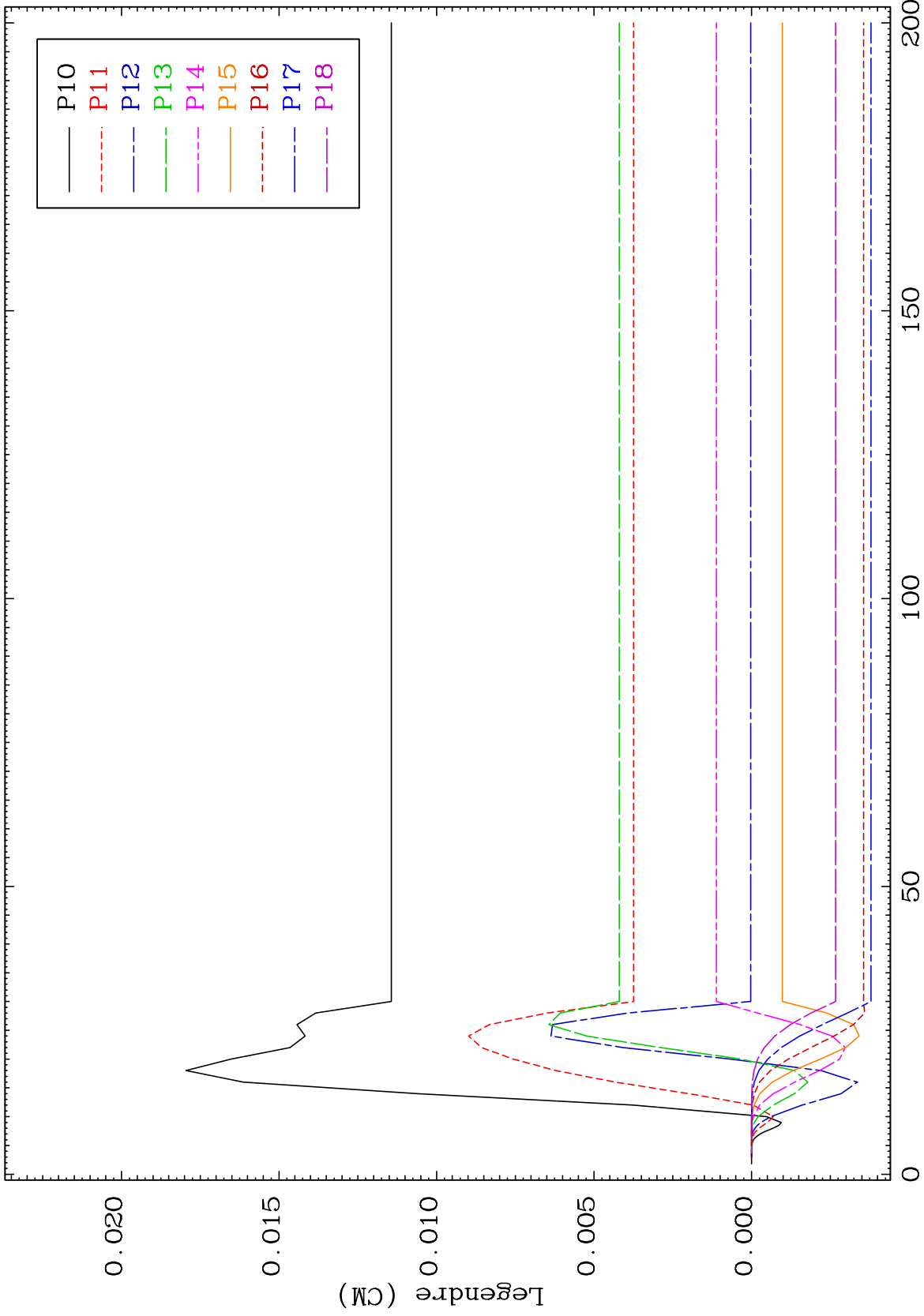
Incident Energy (MeV)

35

MAT 3728

978.7 keV (n,n') Level
Legendre Coefficients

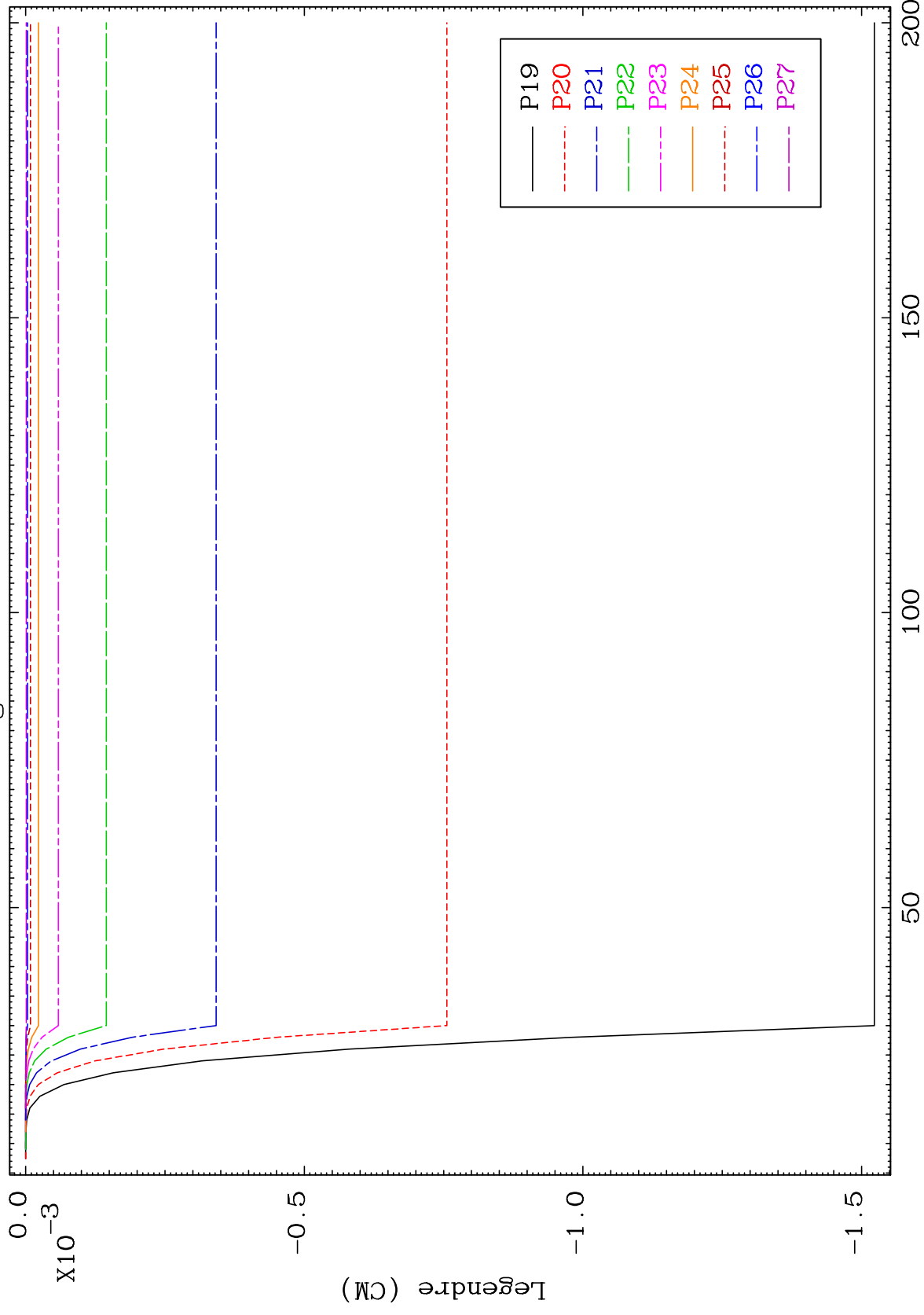
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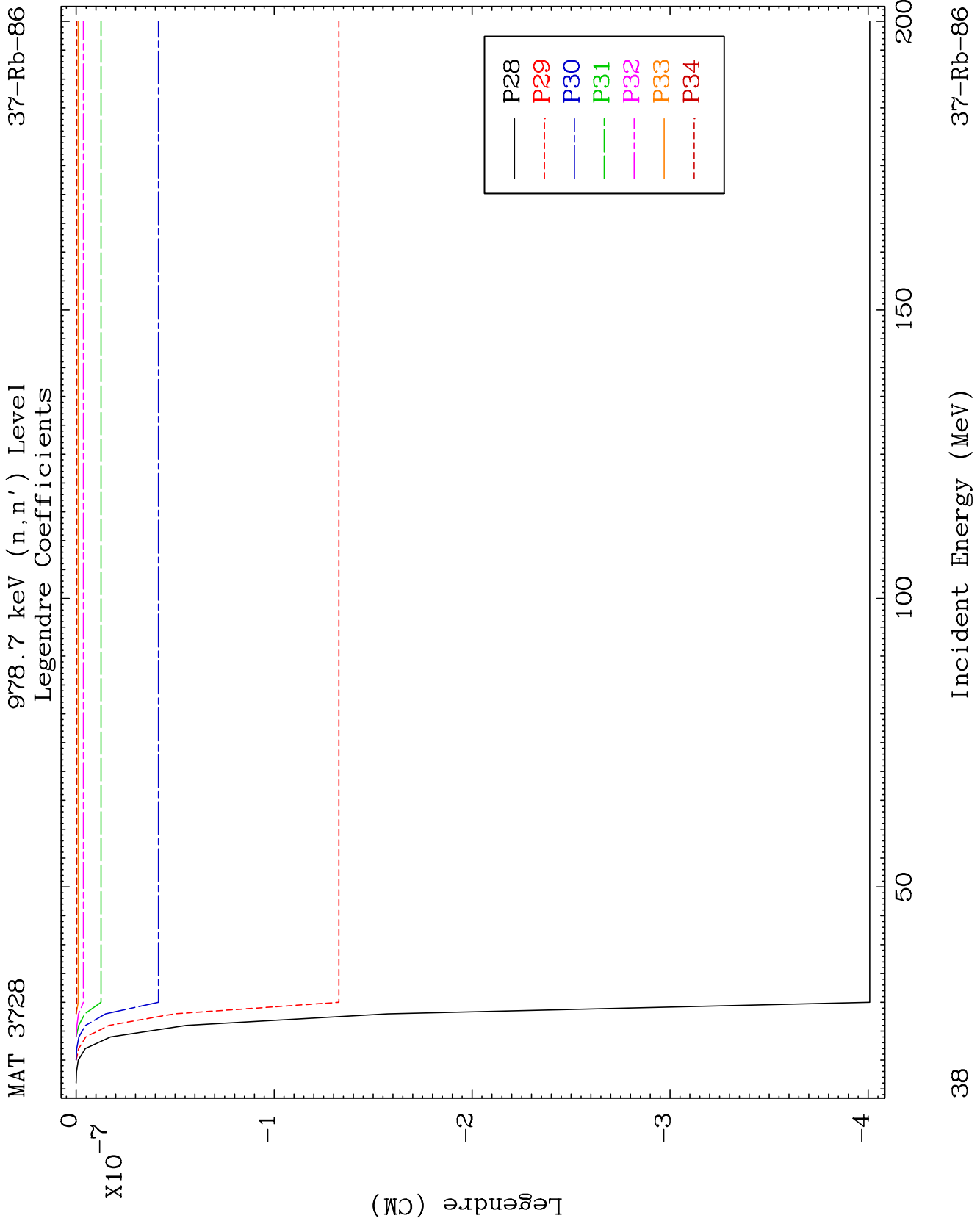


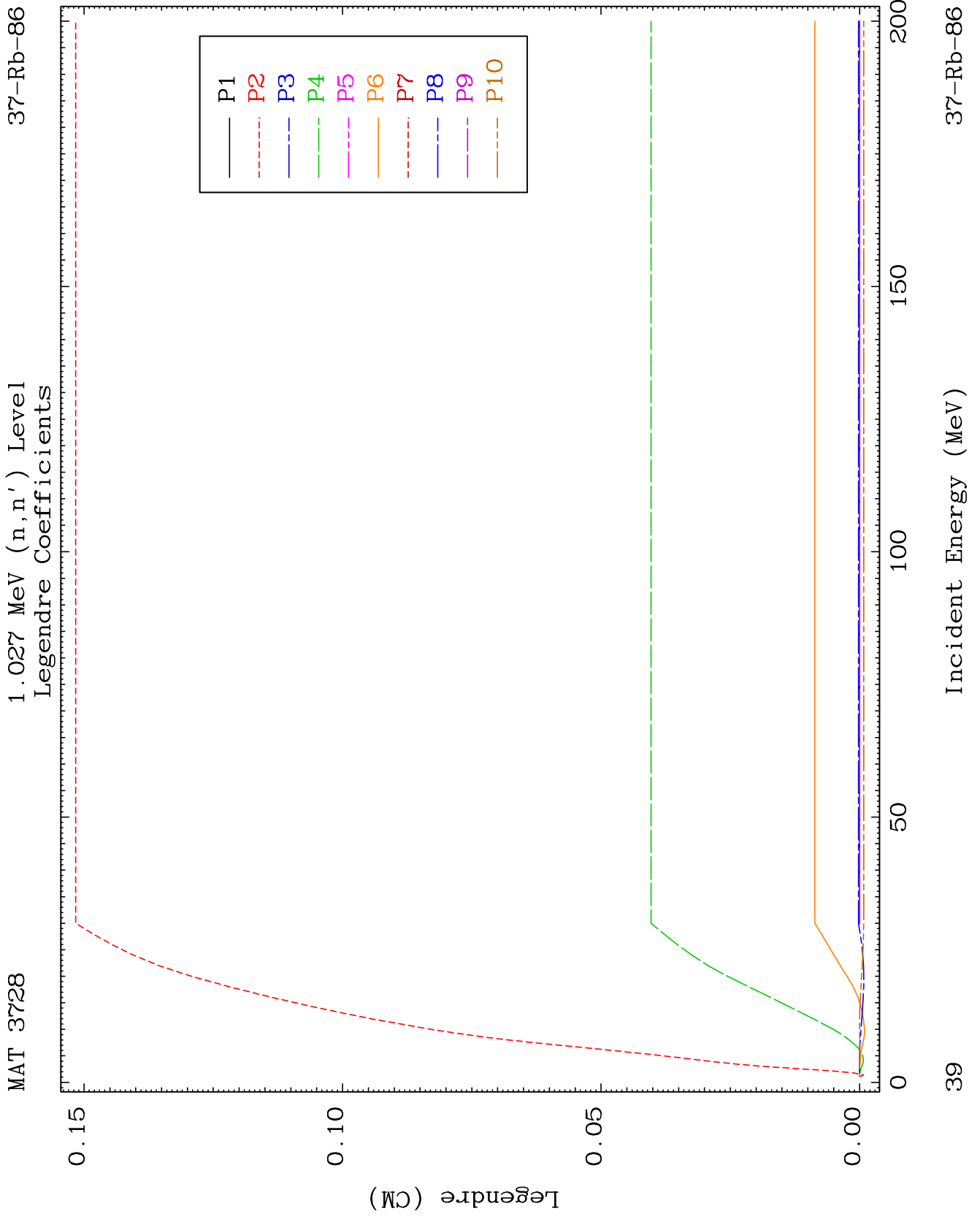
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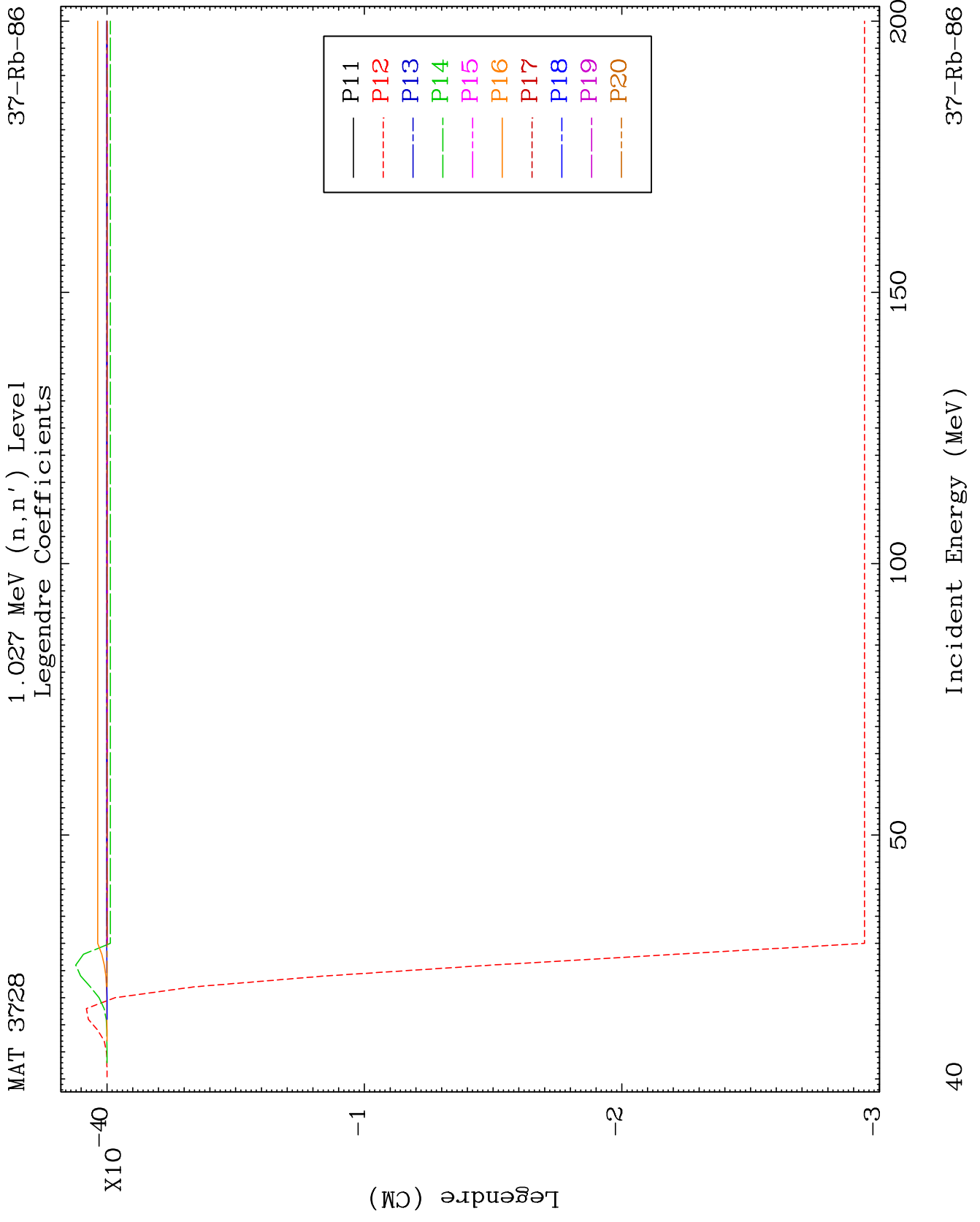
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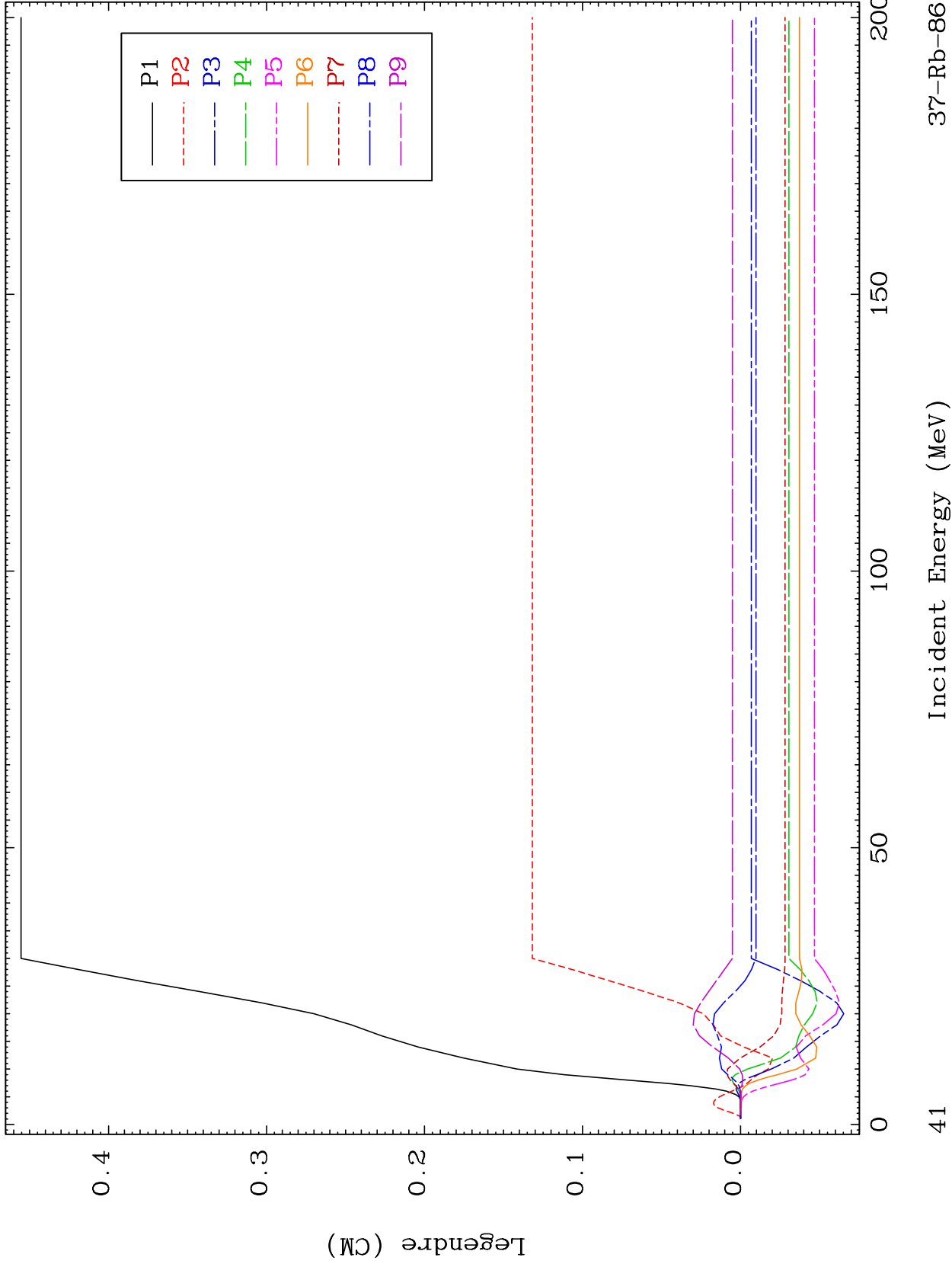
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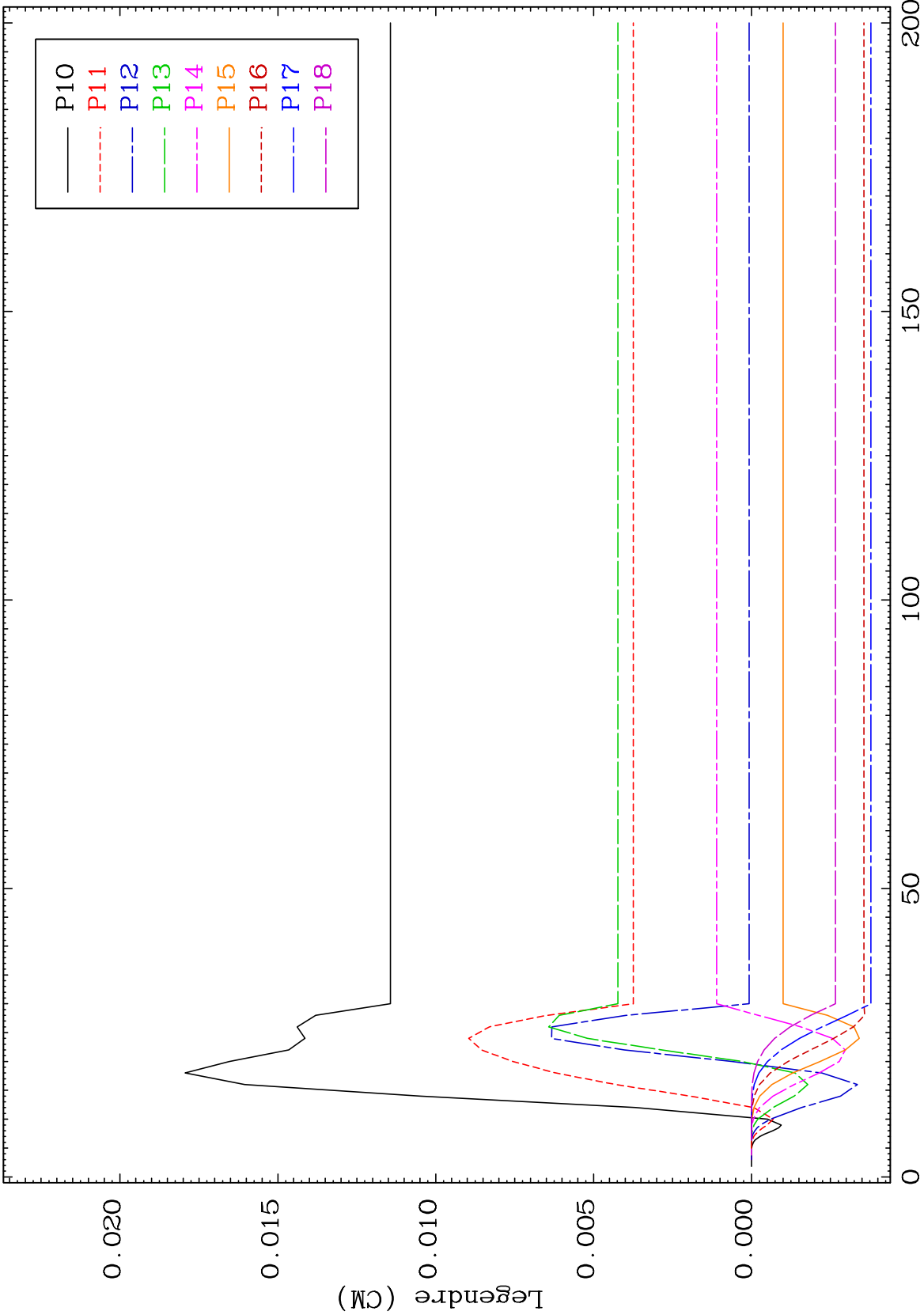


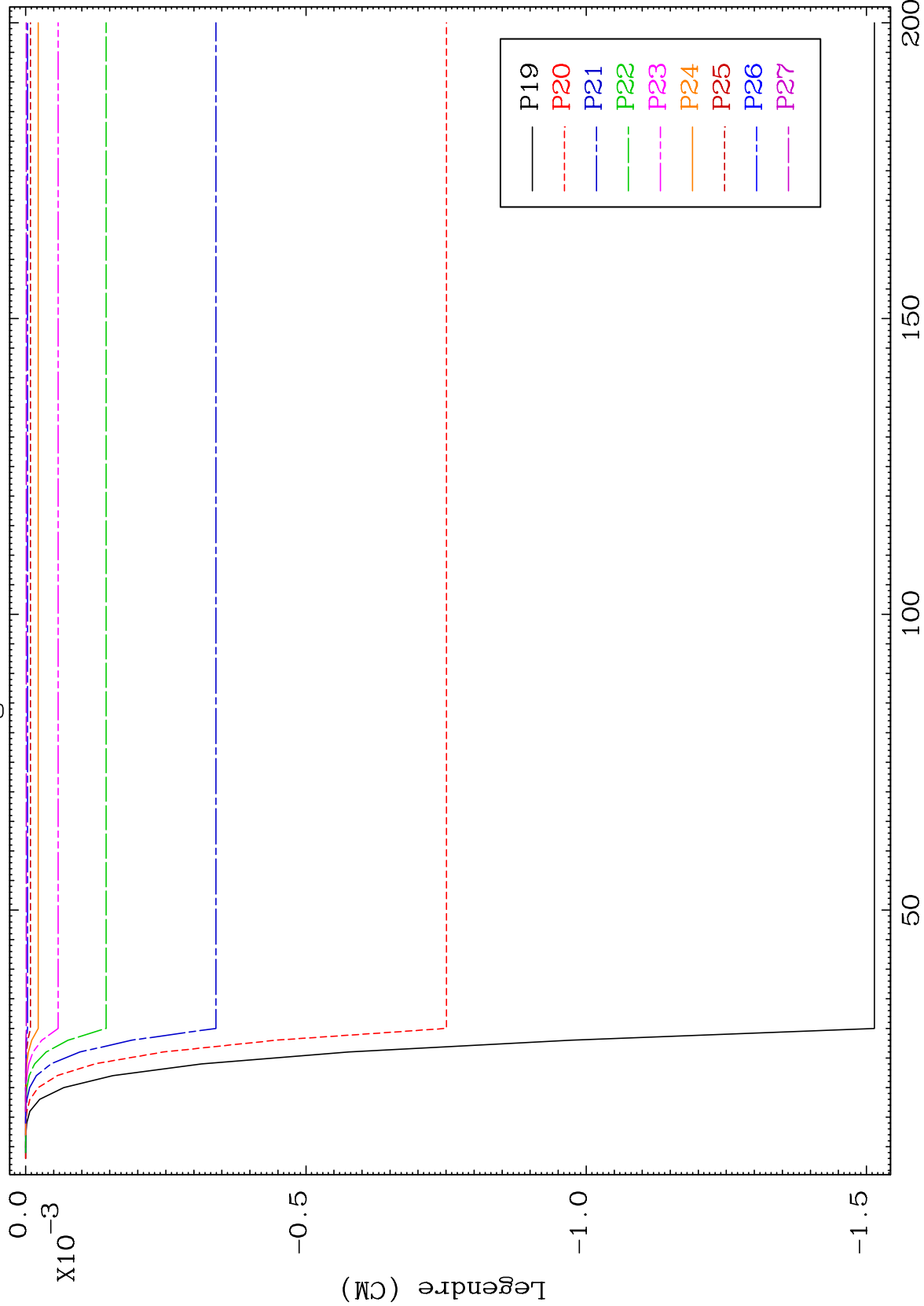


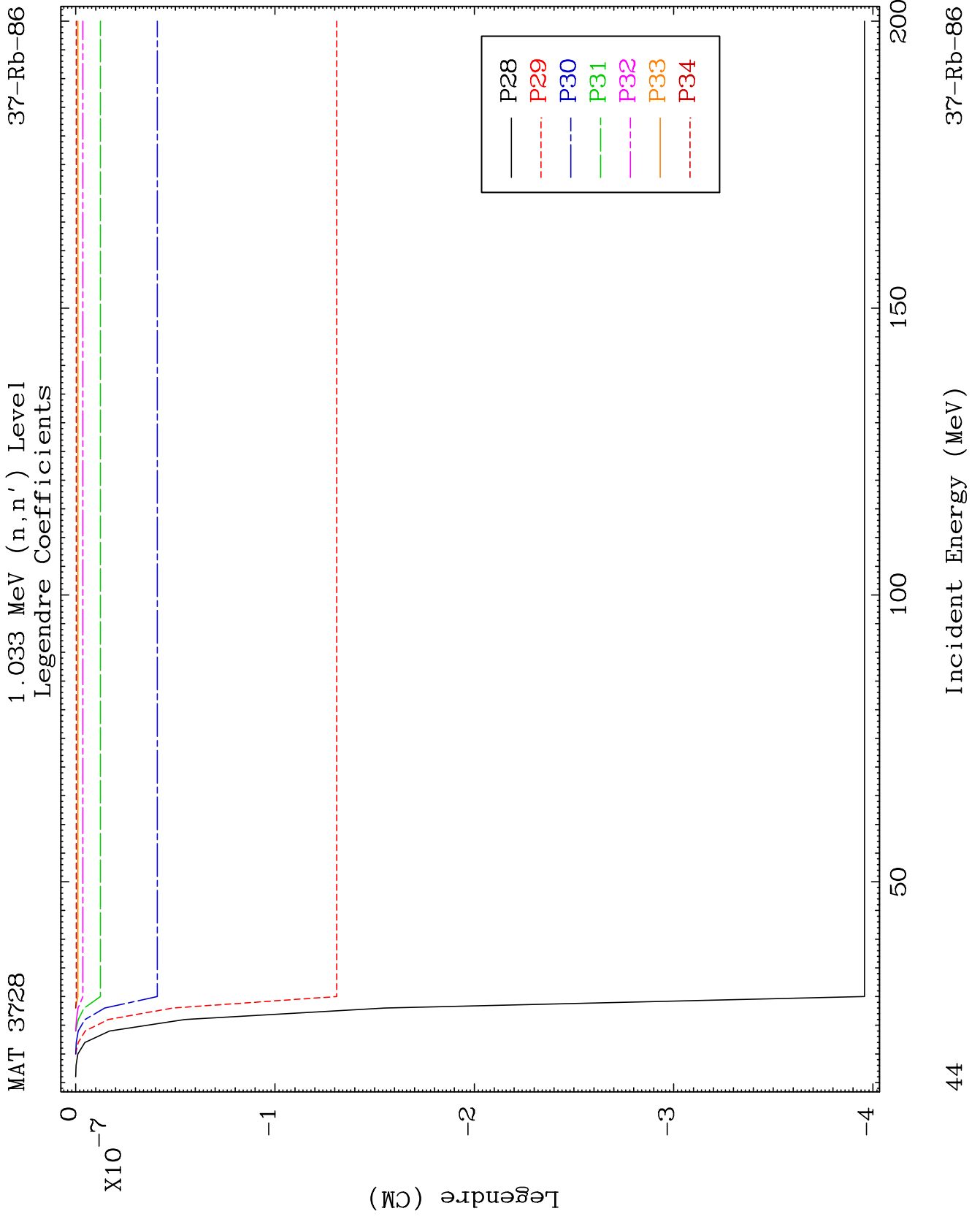








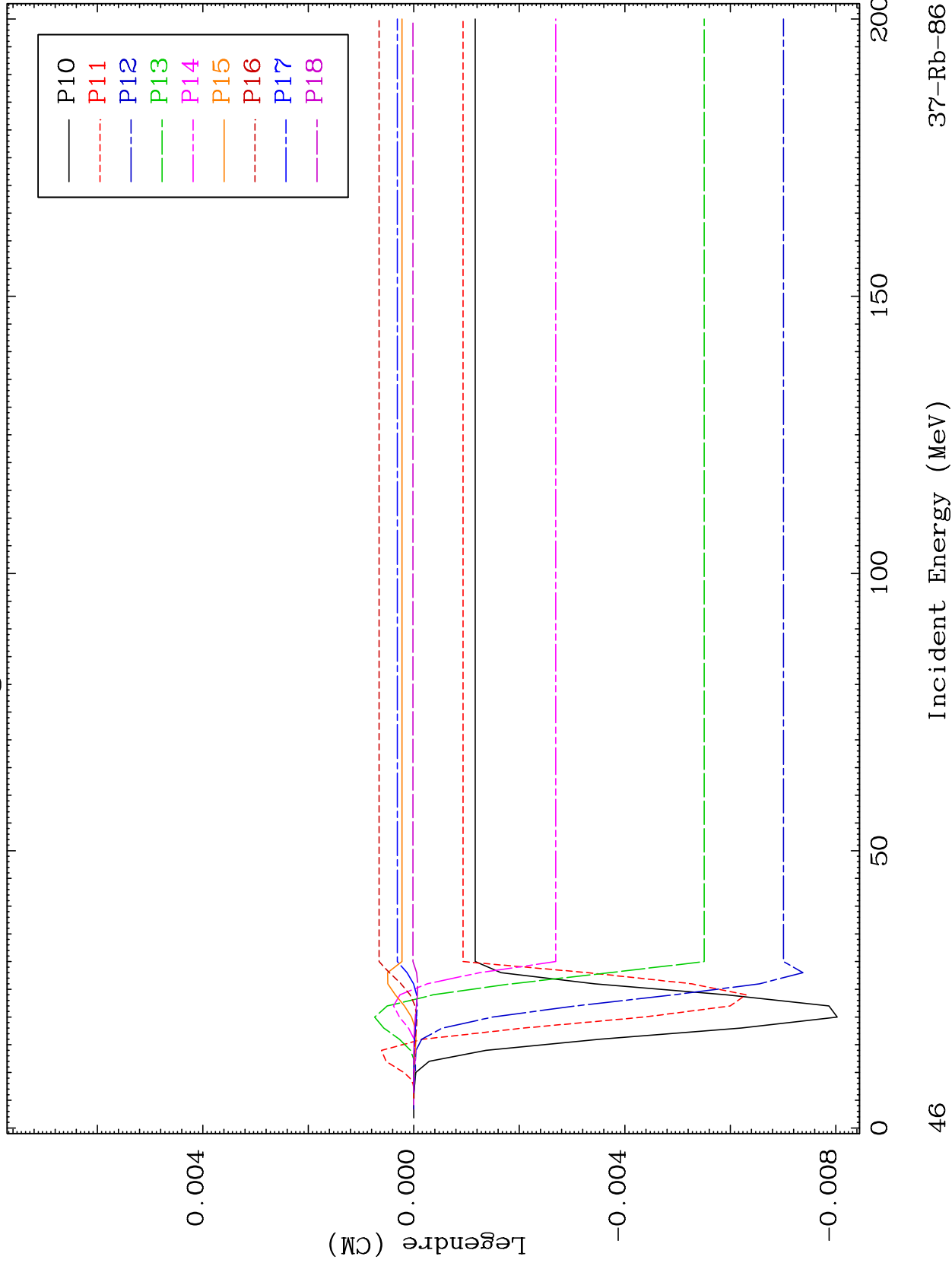


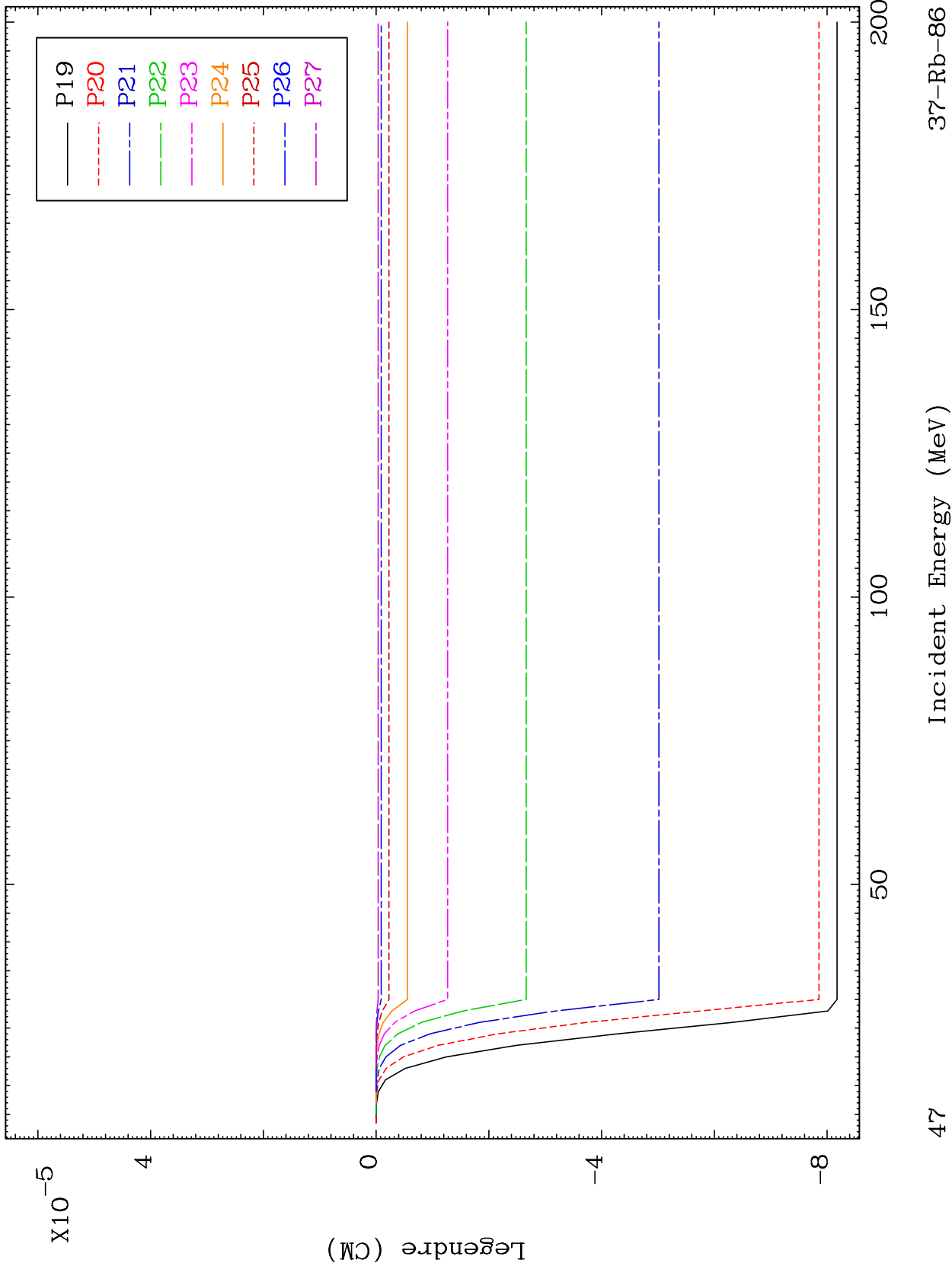


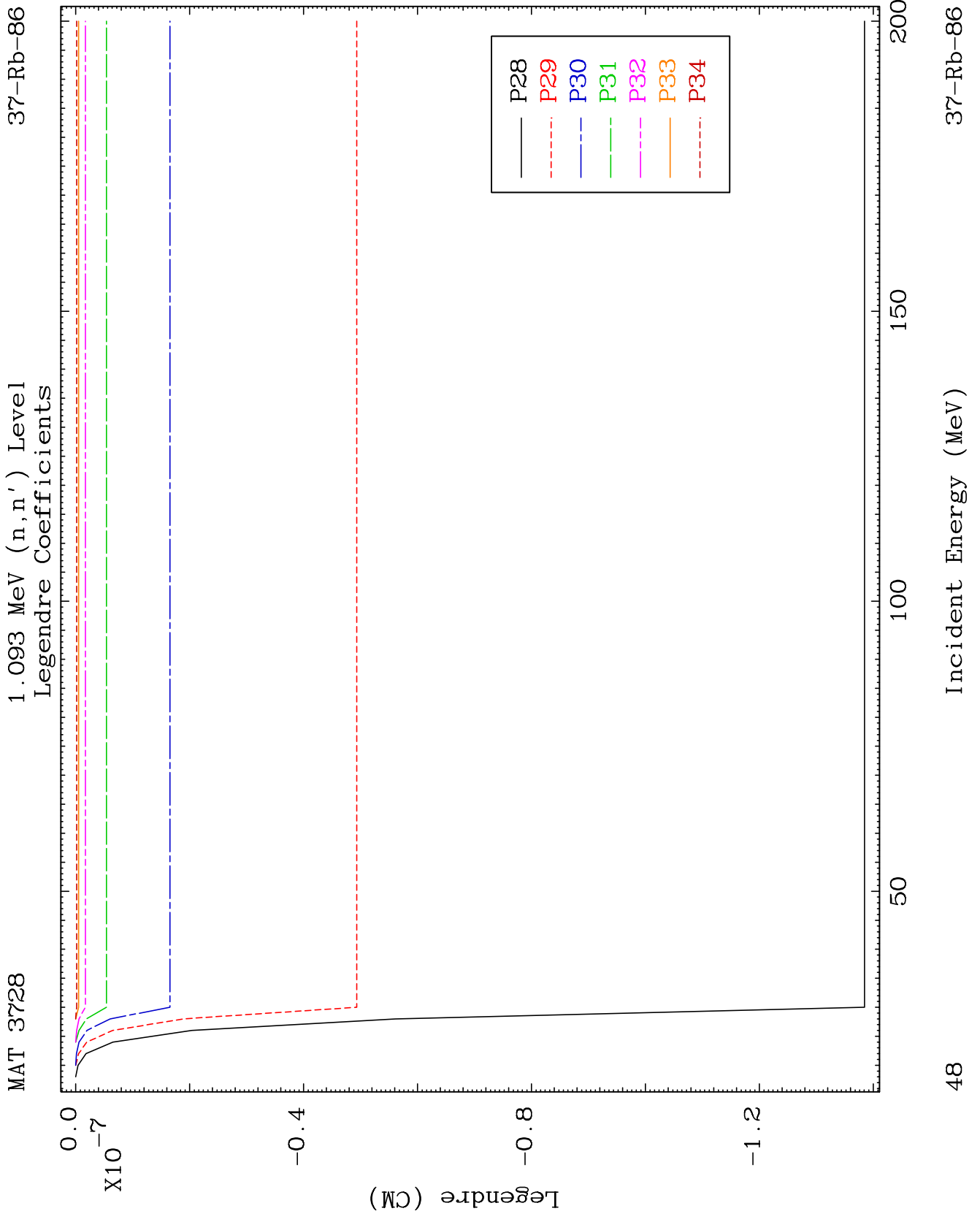
MAT 3728

1.093 MeV (n,n') Level
Legendre Coefficients

37-Rb-86



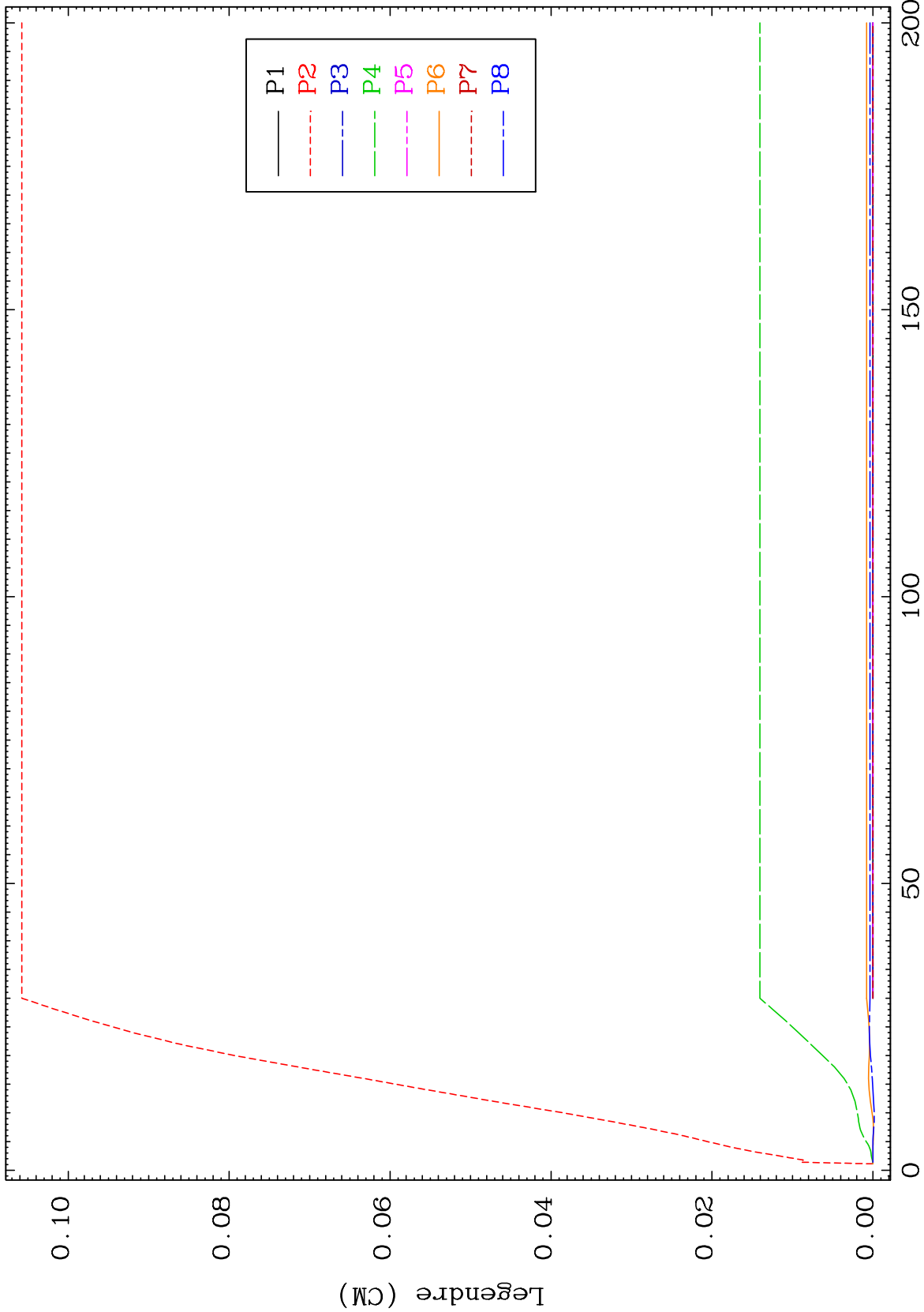




MAT 3728

1.106 MeV (n,n') Level
Legendre Coefficients

37-Rb-86



49

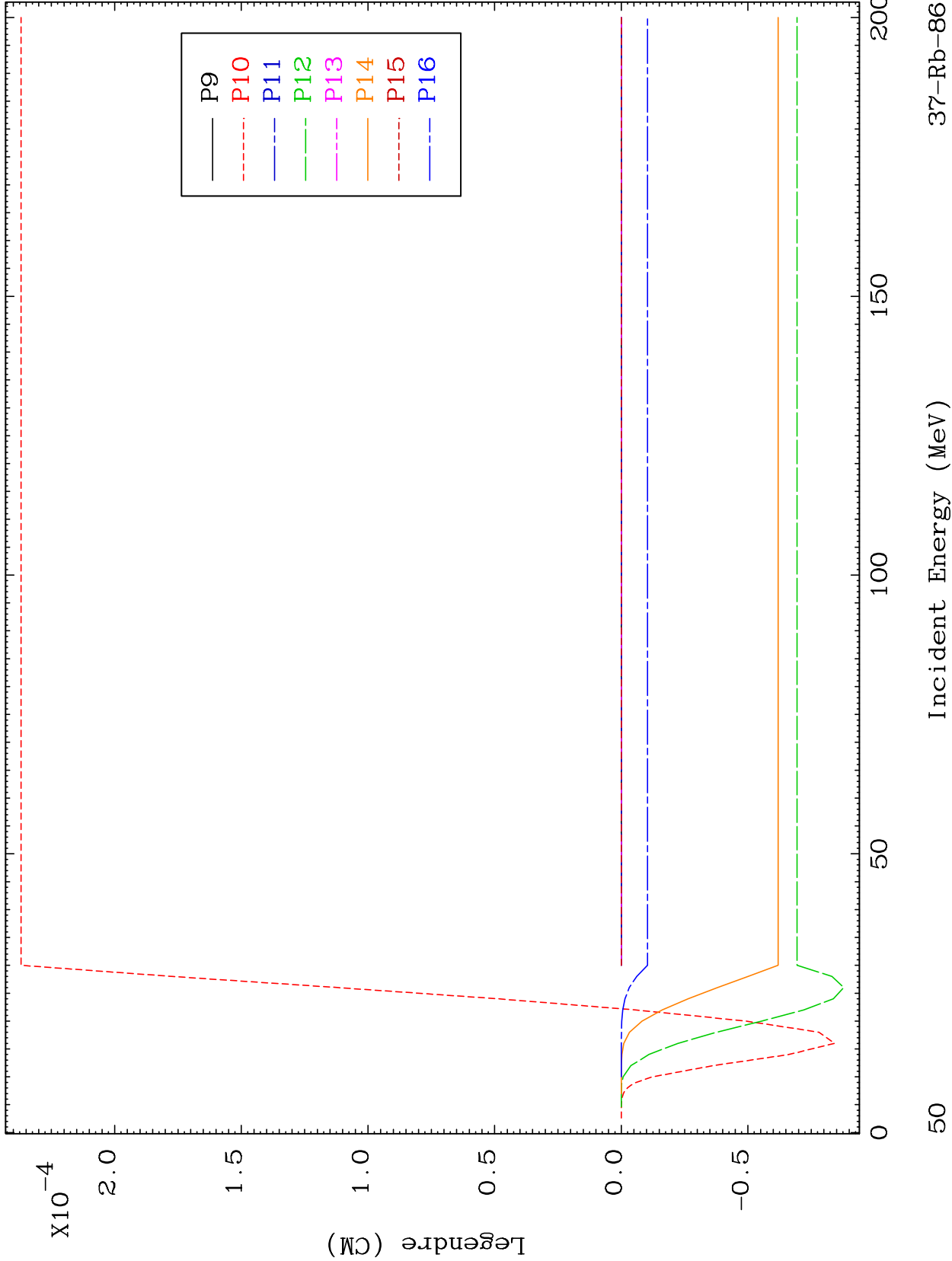
Incident Energy (MeV)

37-Rb-86

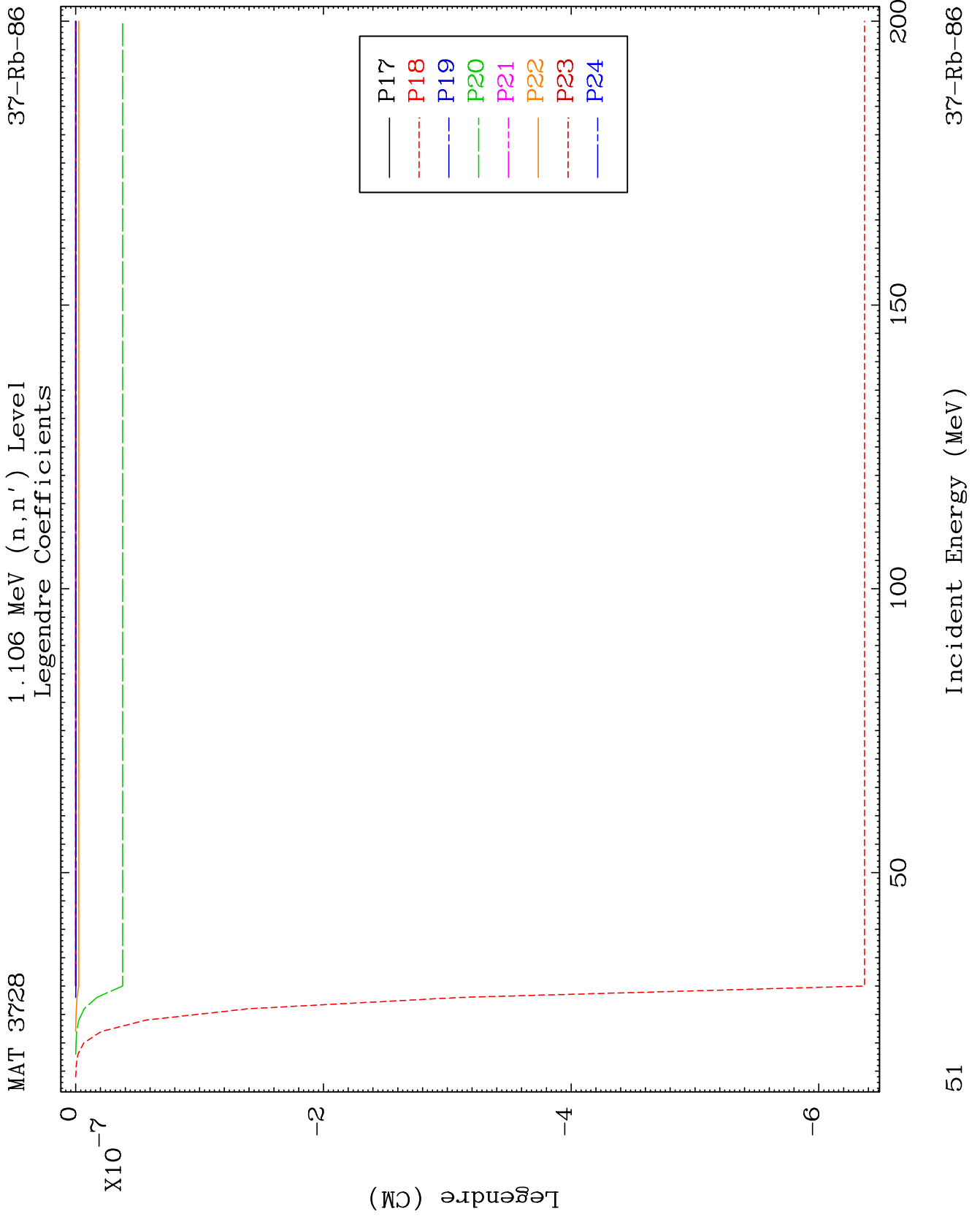
MAT 3728

1.106 MeV (n,n') Level
Legendre Coefficients

37-Rb-86



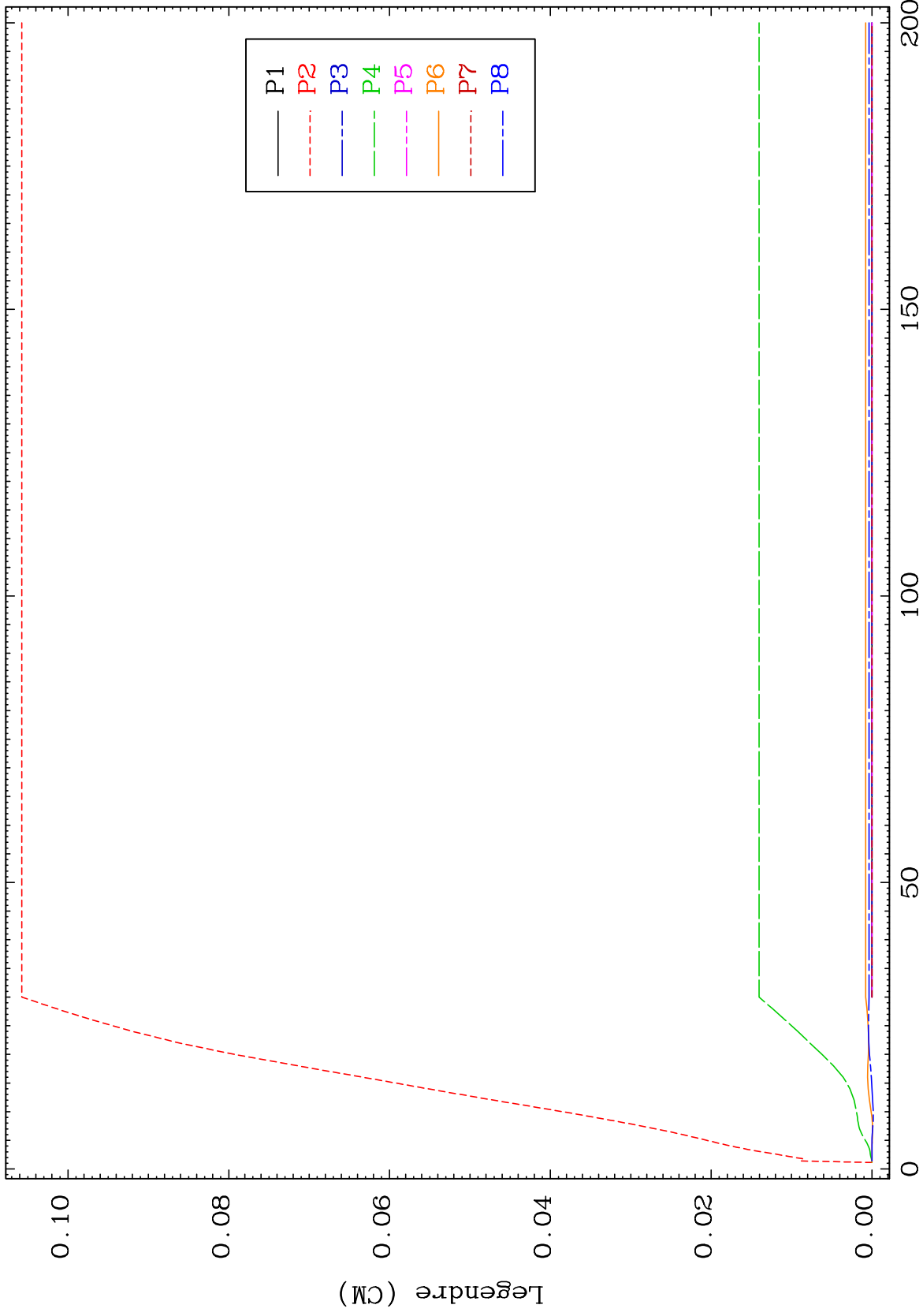
37-Rb-86



MAT 3728

1.122 MeV (n,n') Level
Legendre Coefficients

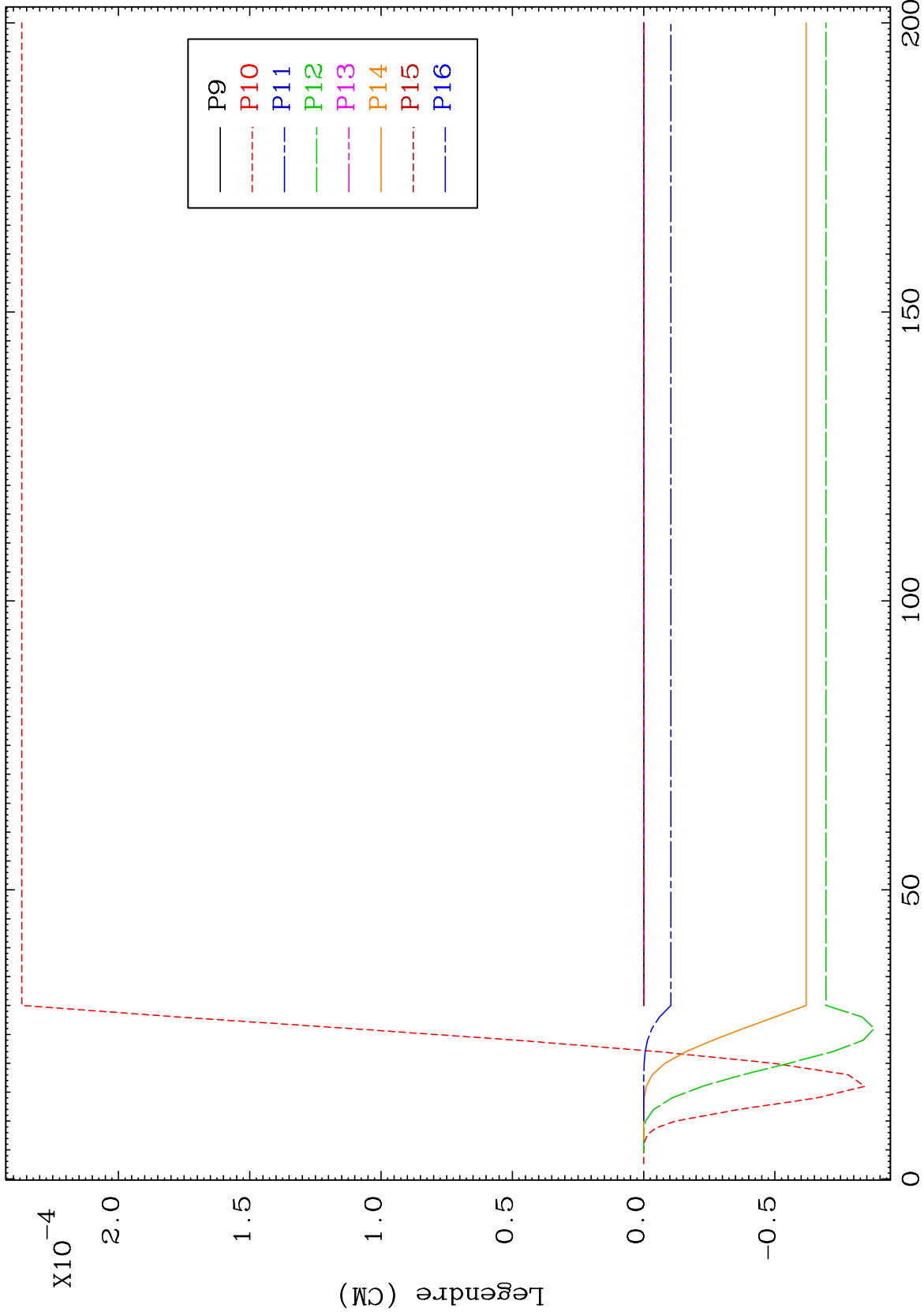
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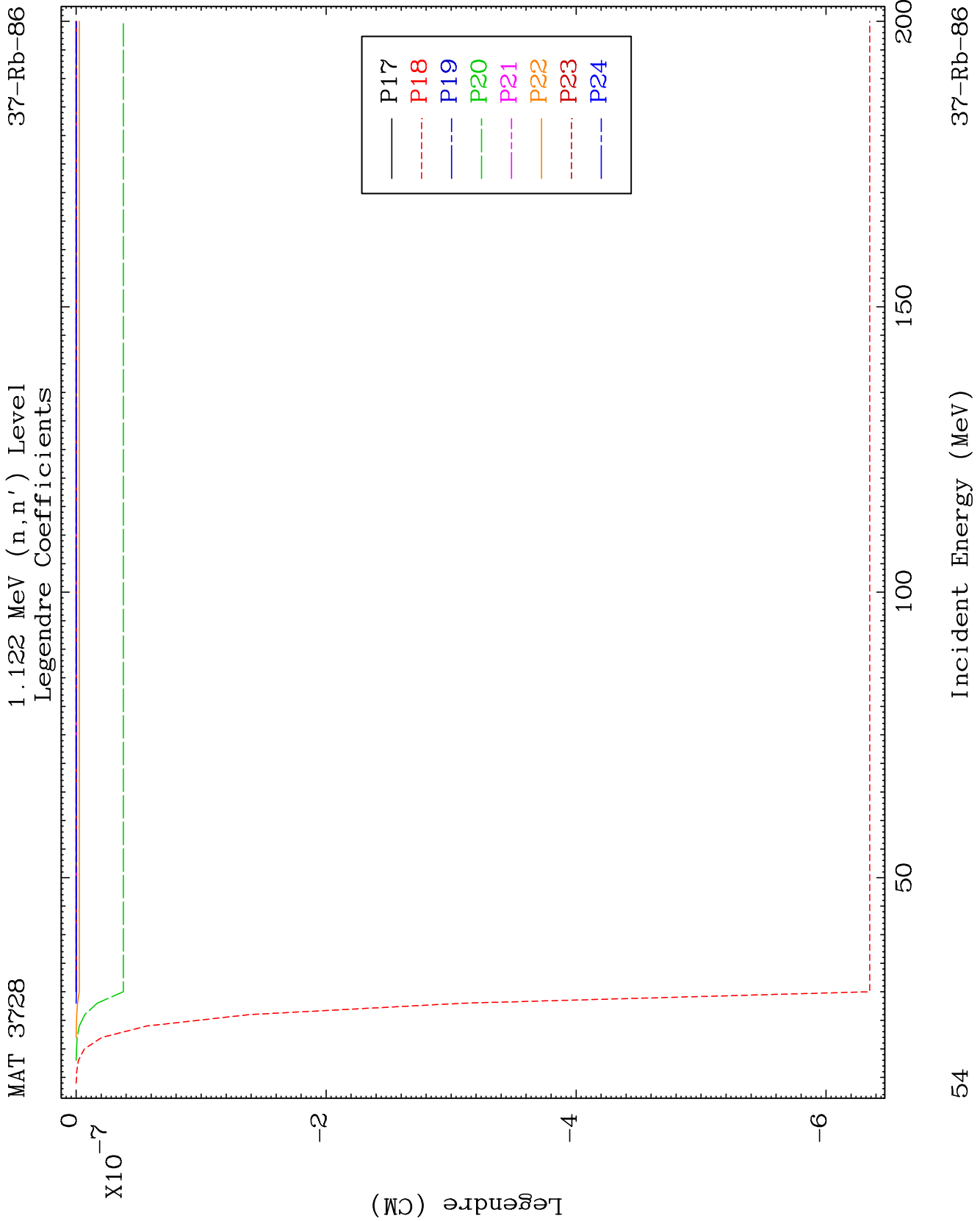


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Incident Energy (MeV)

37-Rb-86

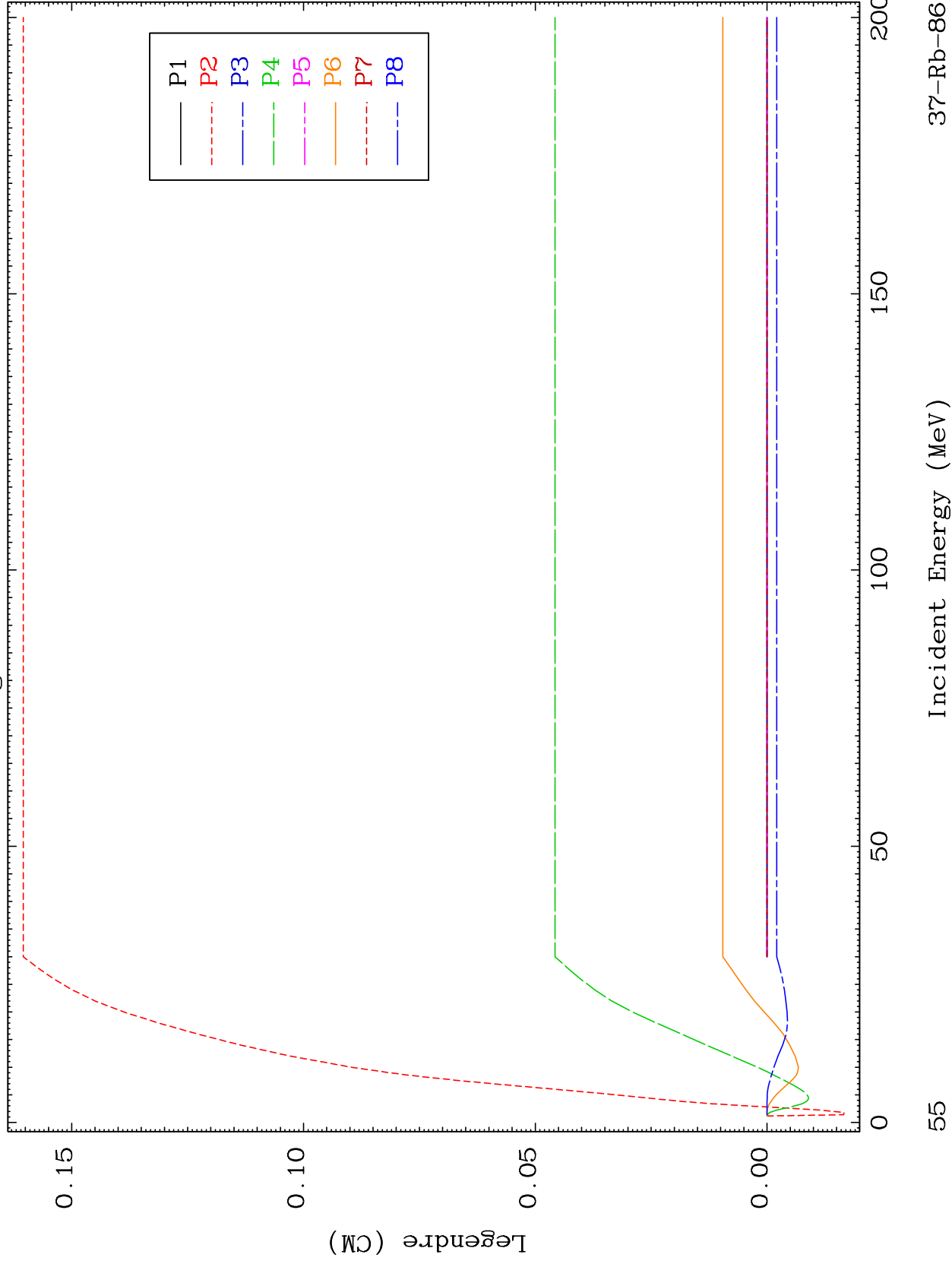




MAT 3728

1.156 MeV (n,n') Level
Legendre Coefficients

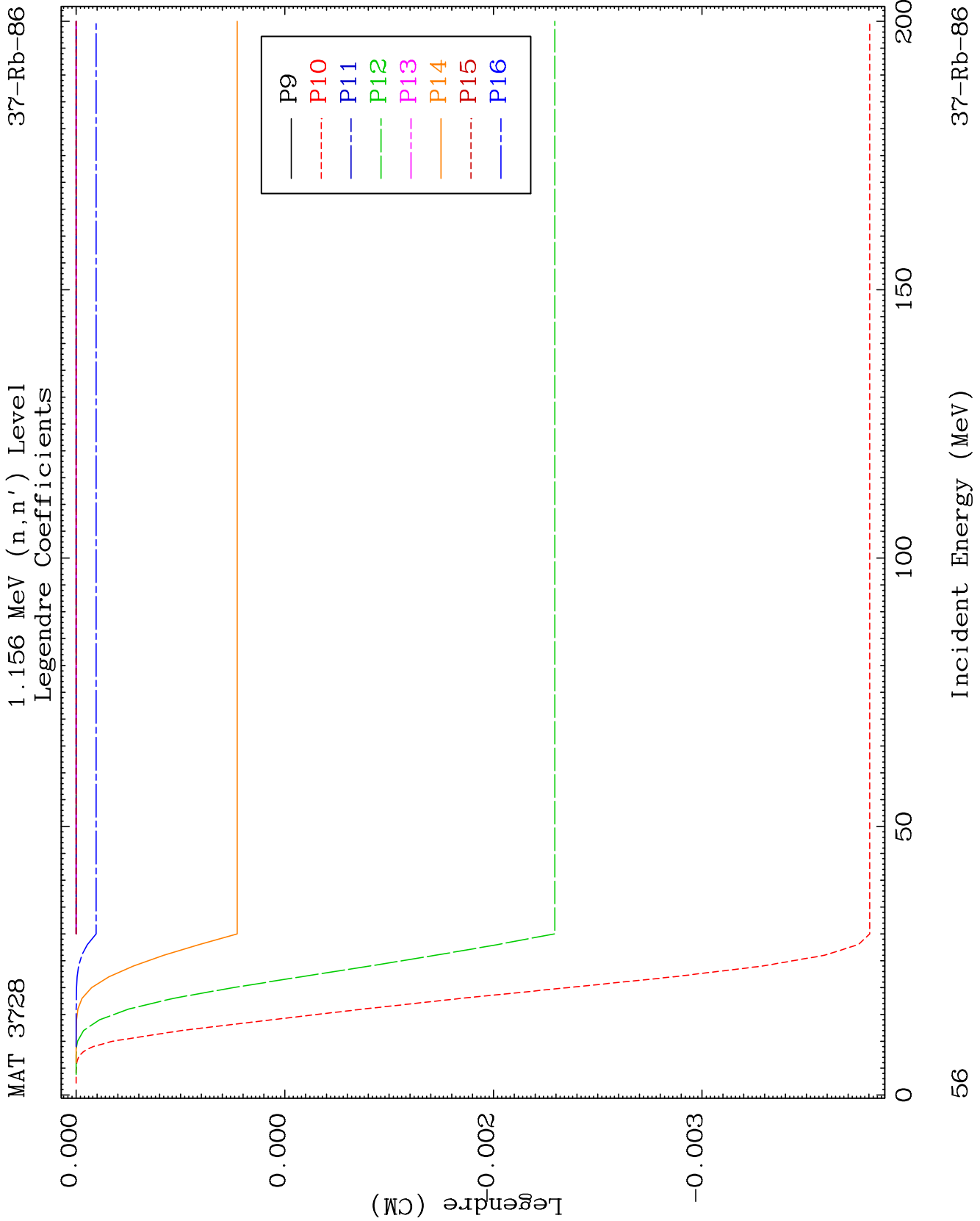
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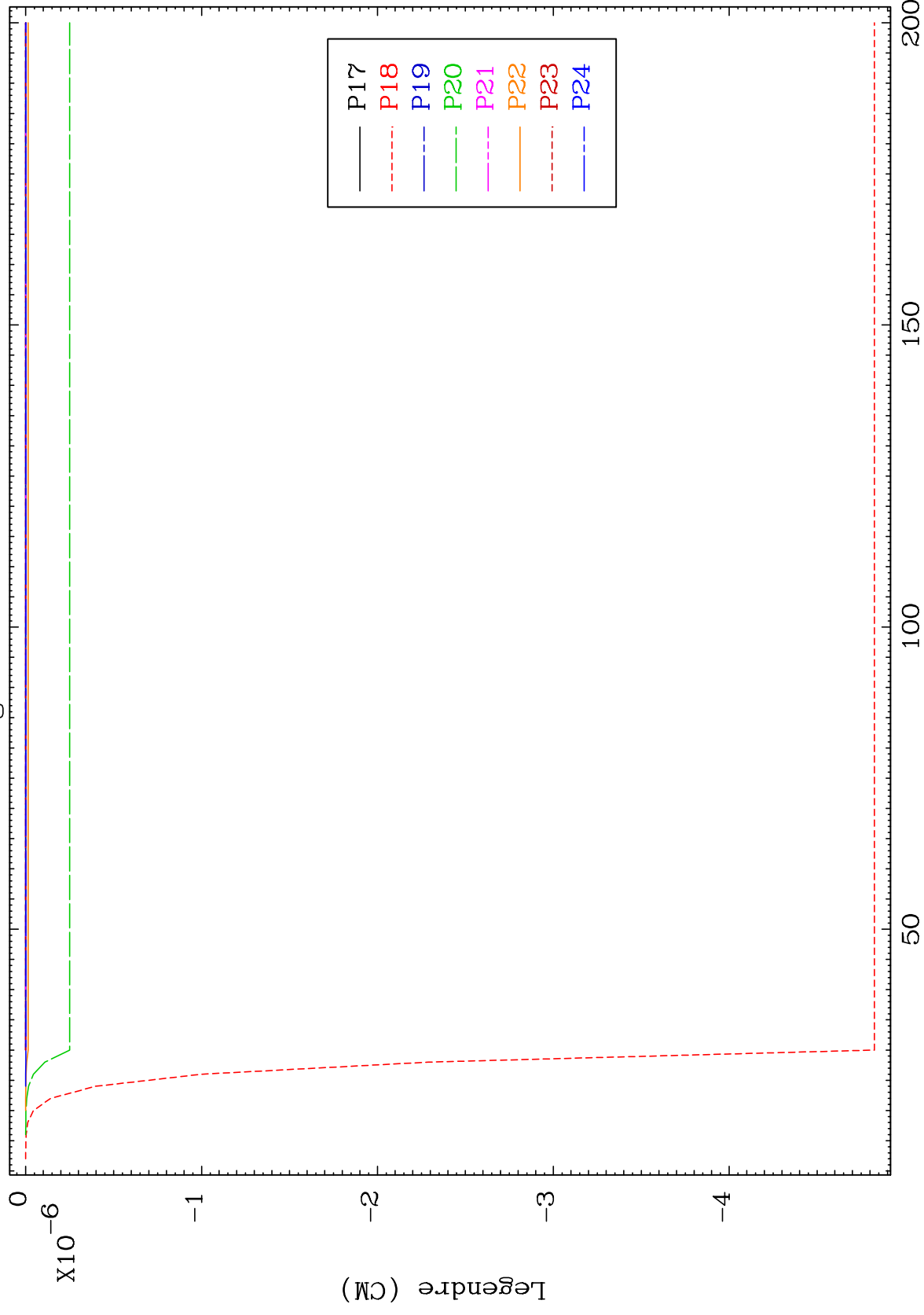


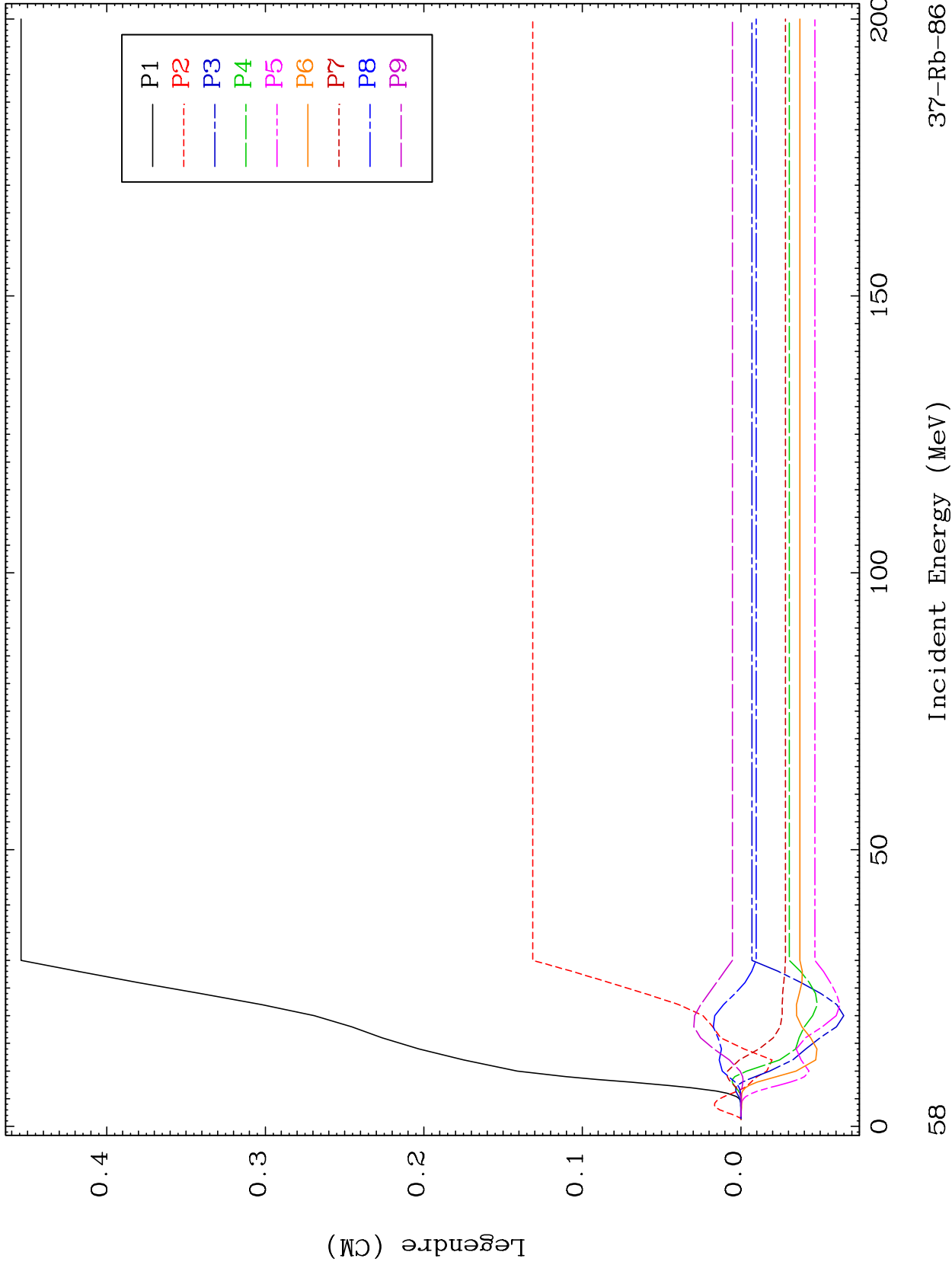
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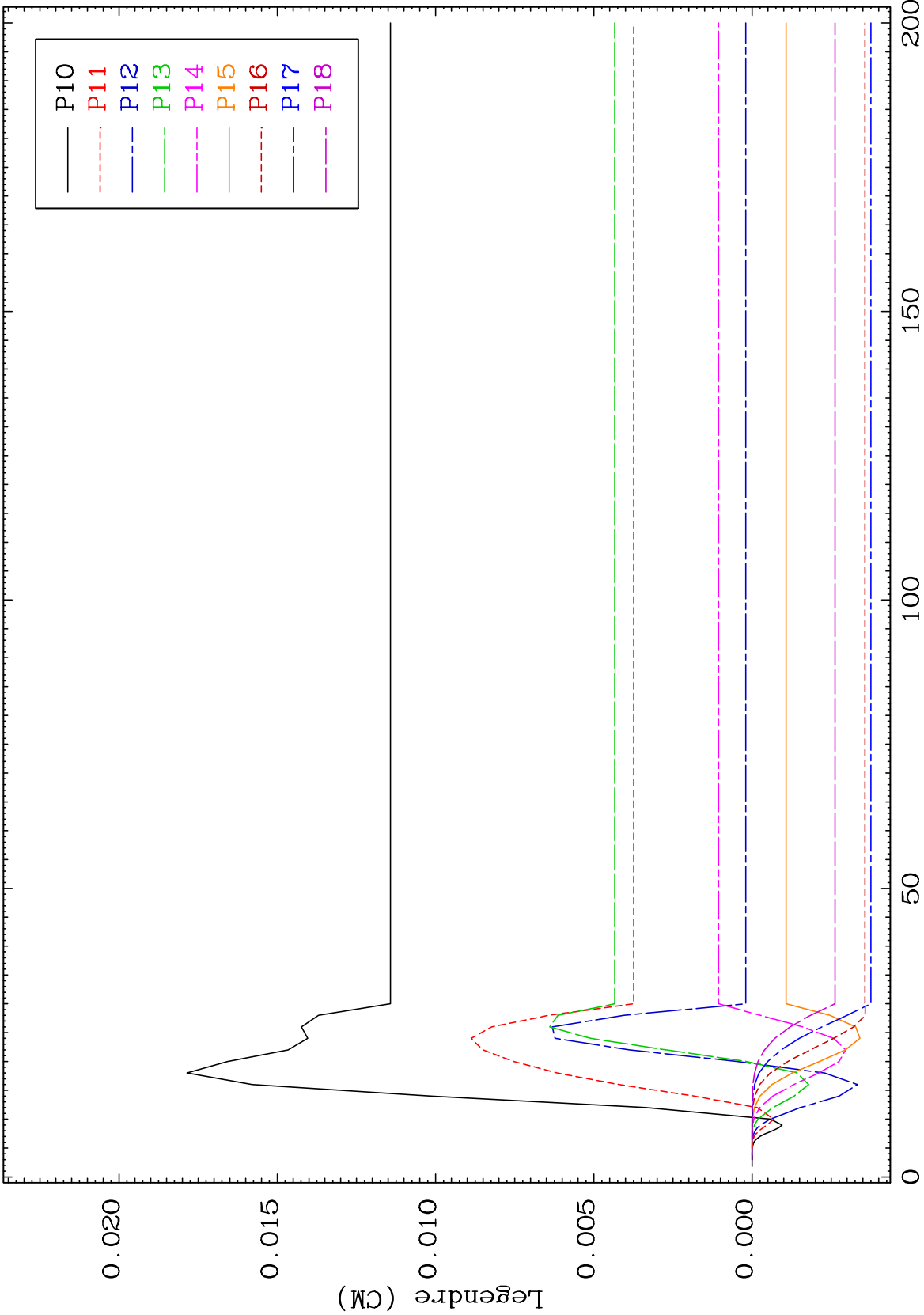
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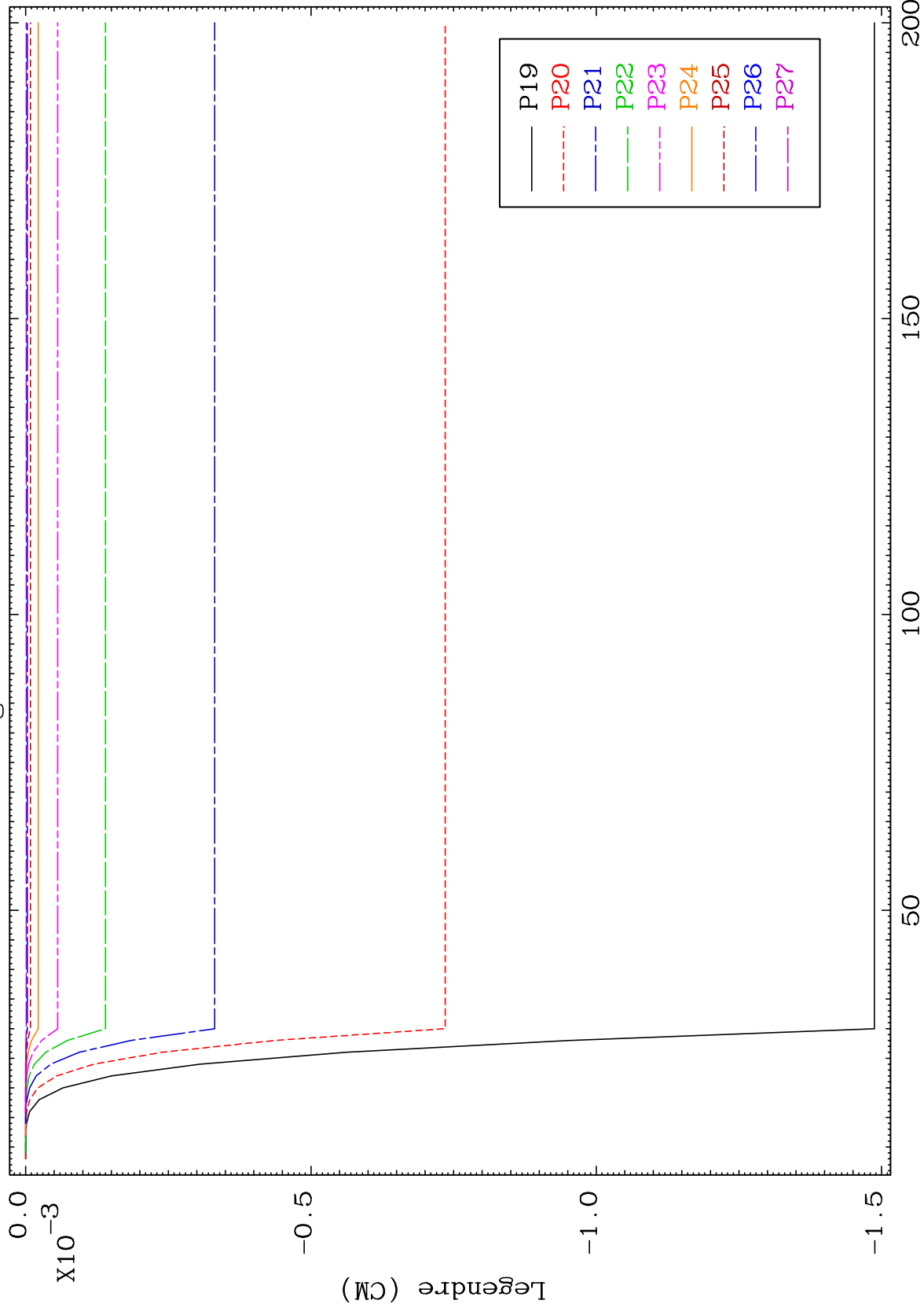
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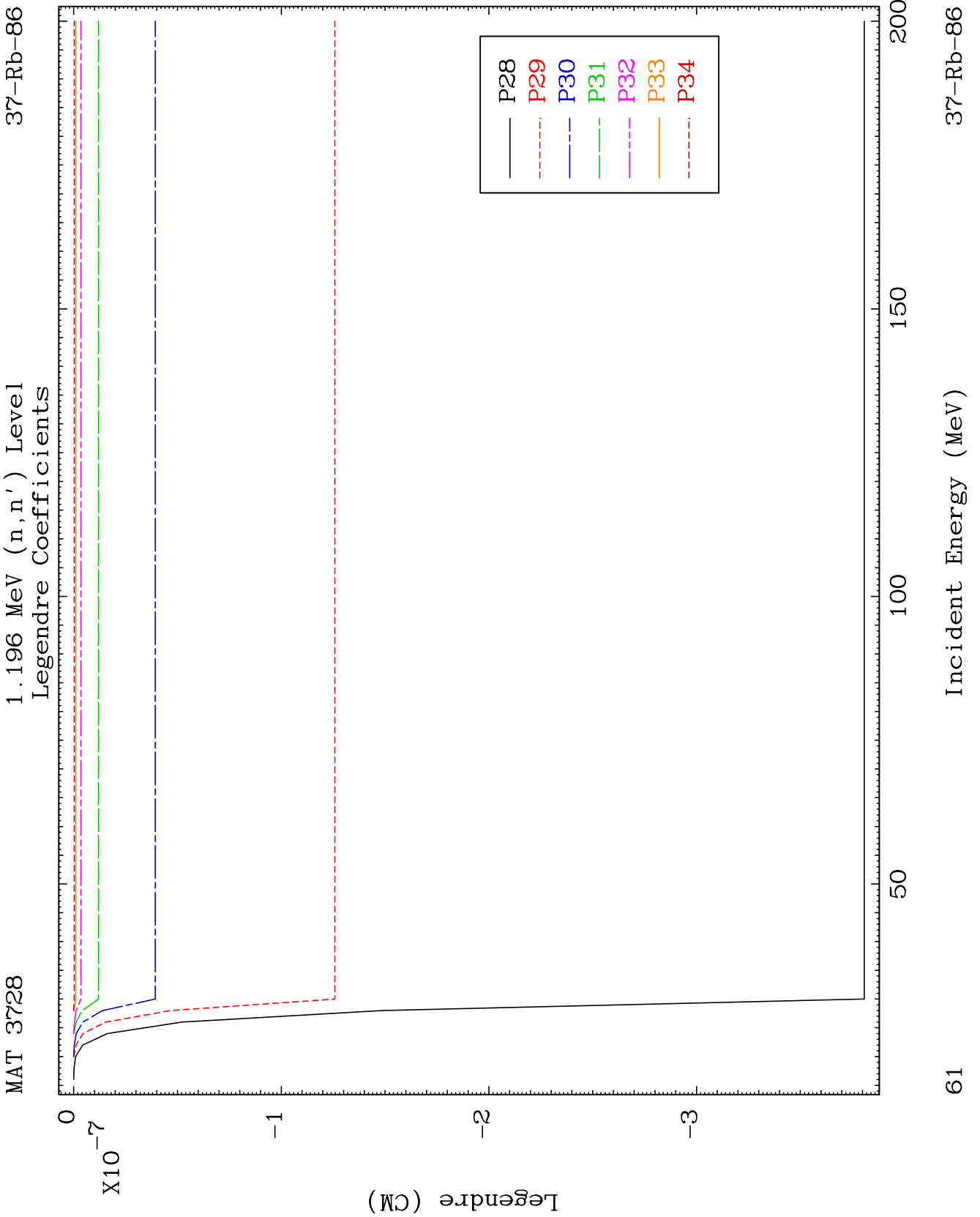








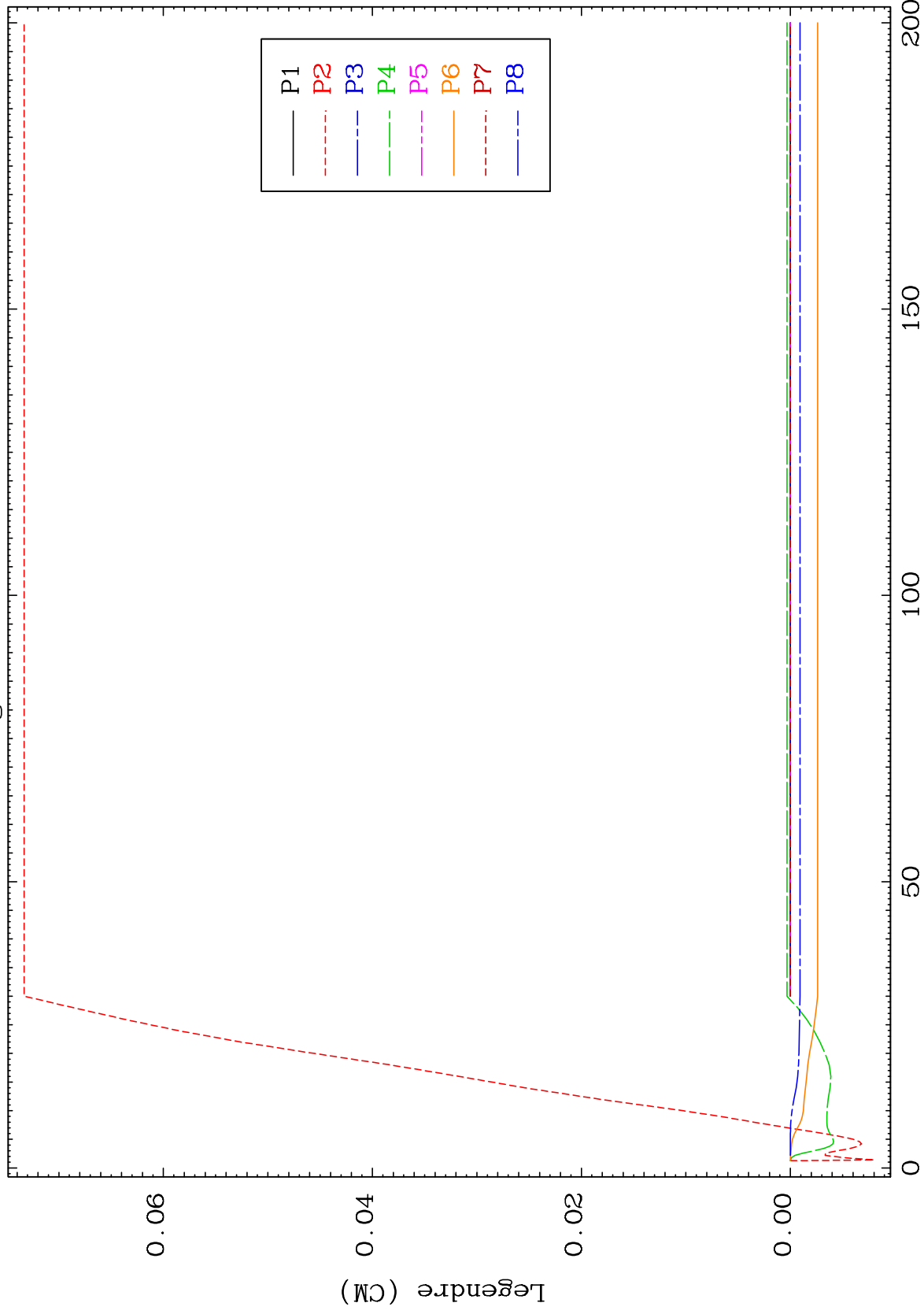




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1.248 MeV (n,n') Level
Legendre Coefficients

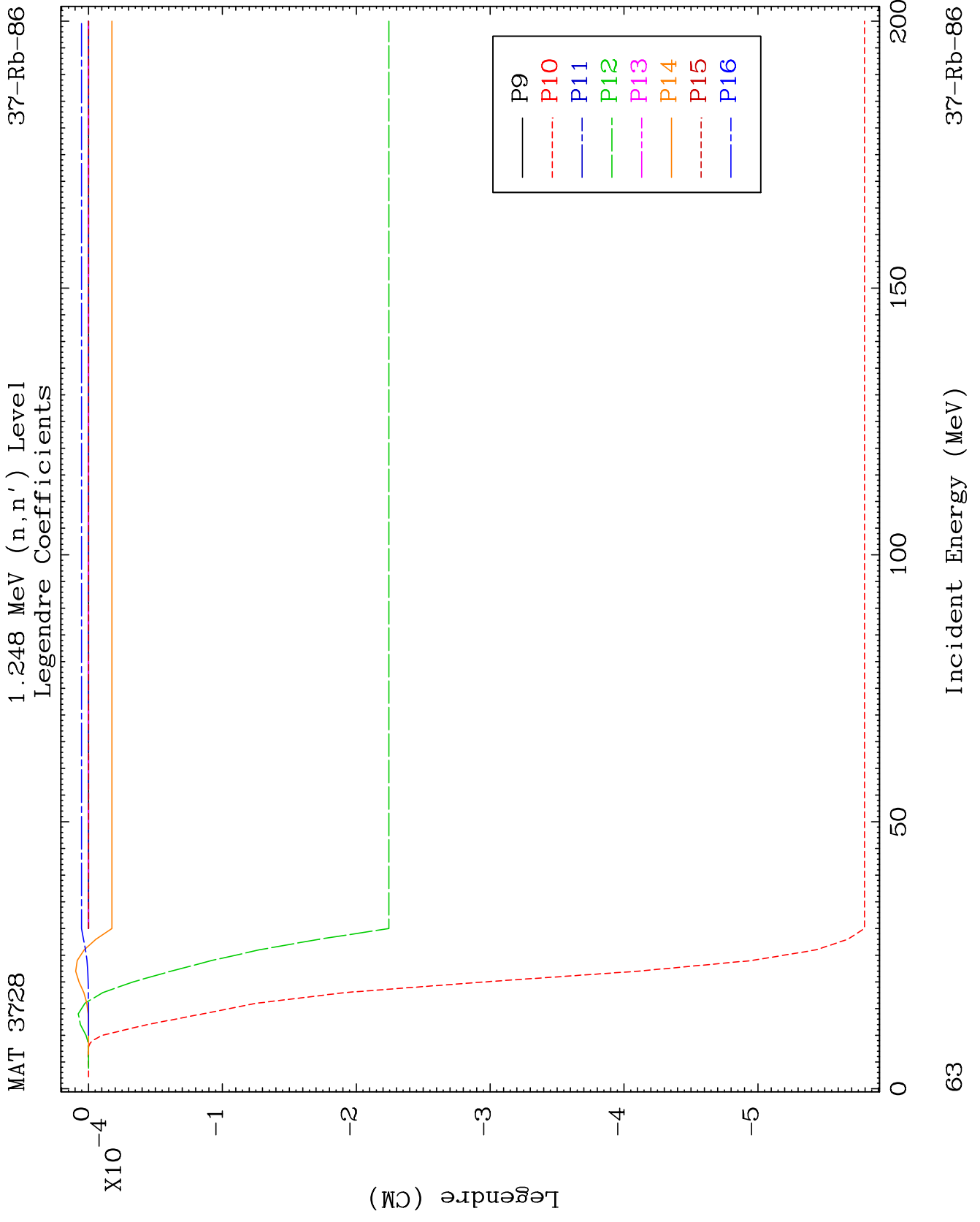
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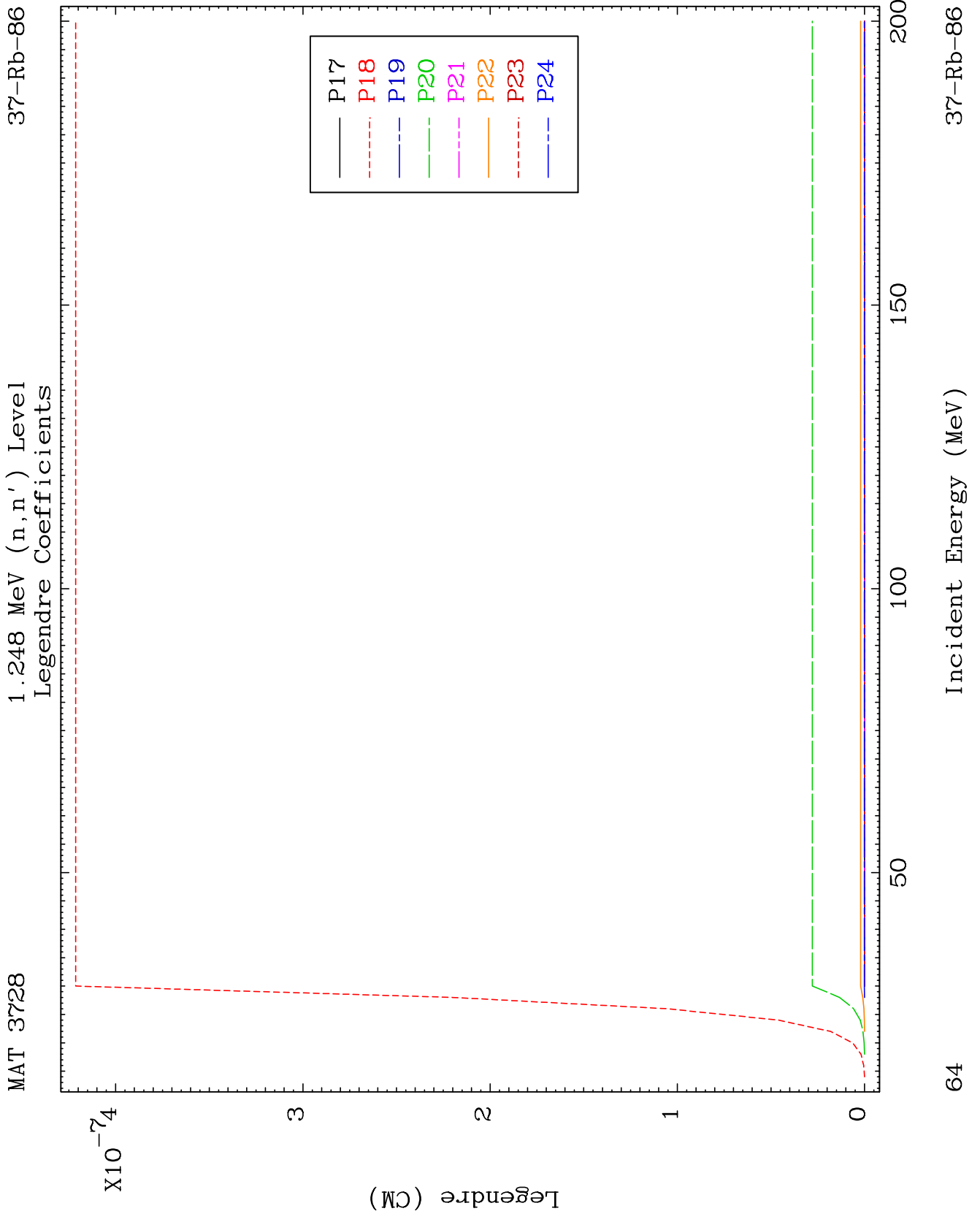


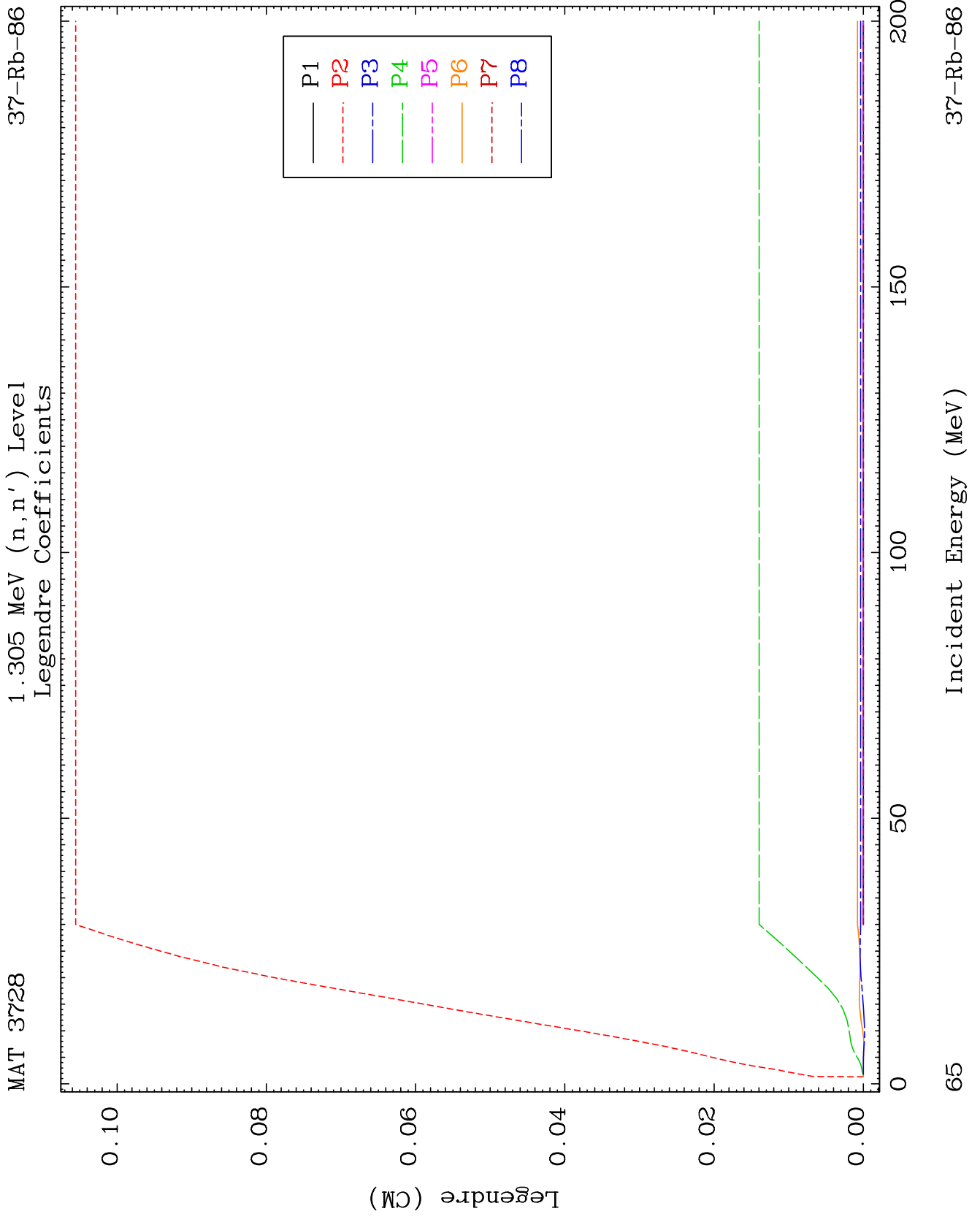
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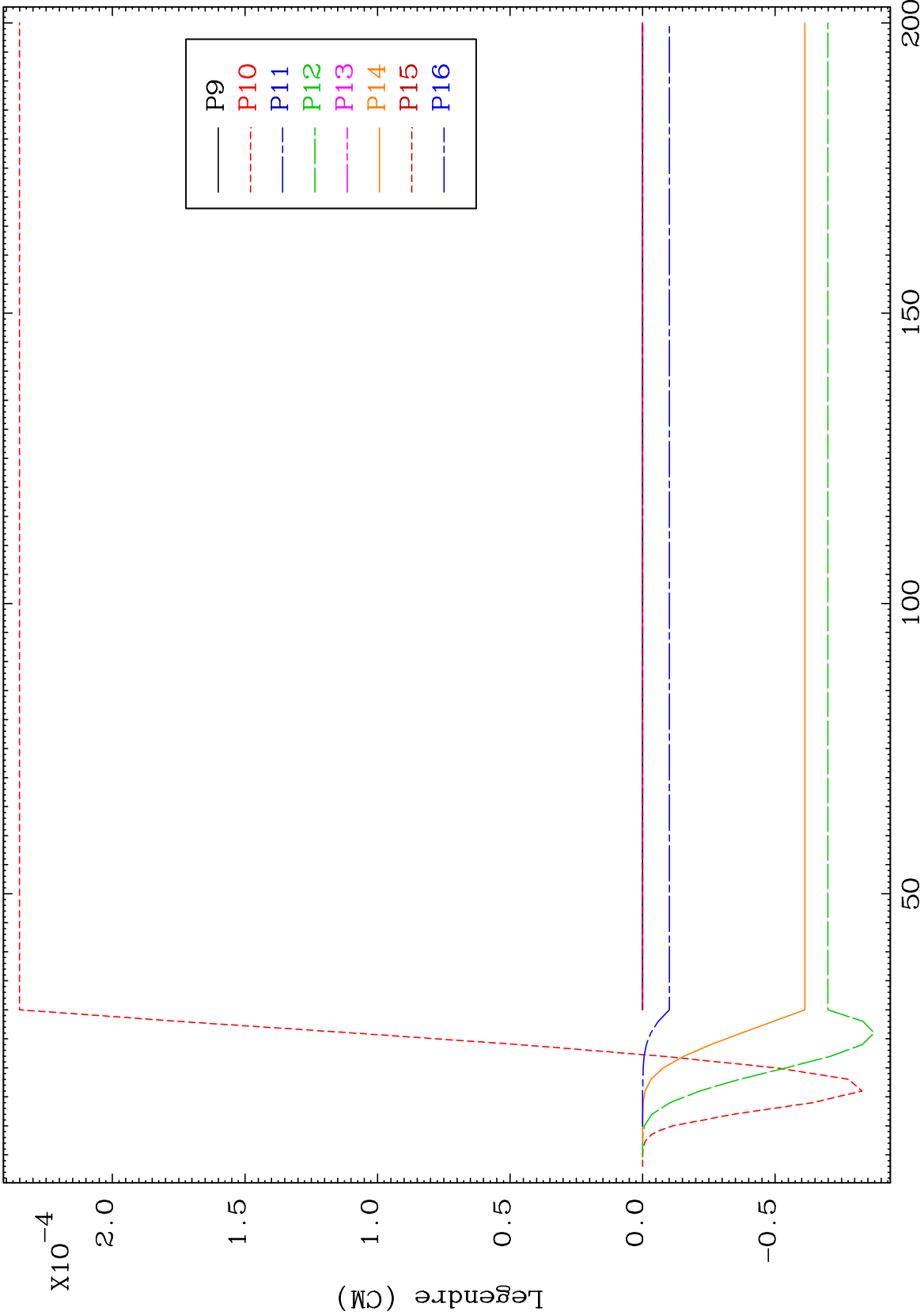
Incident Energy (MeV)

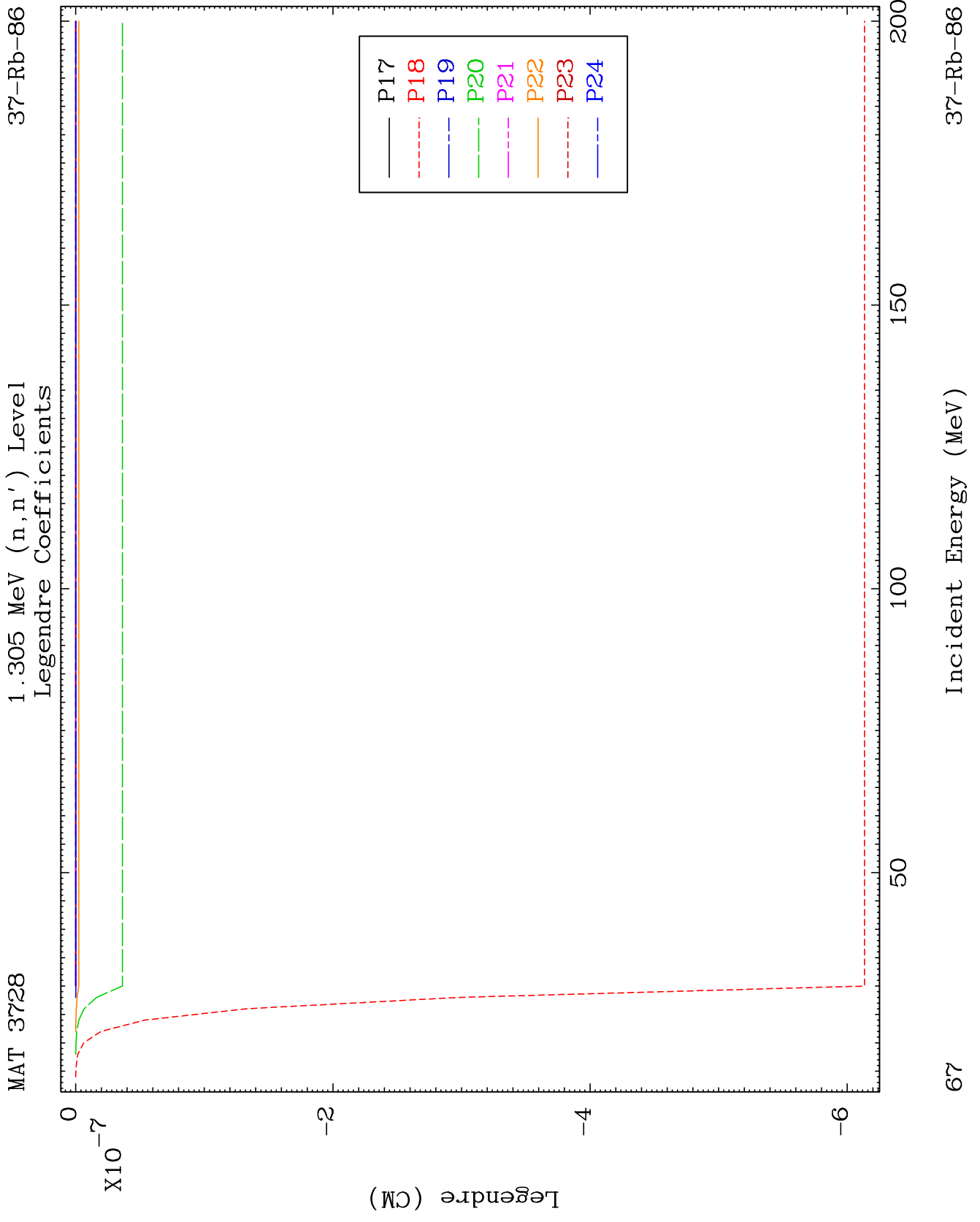
37-Rb-86

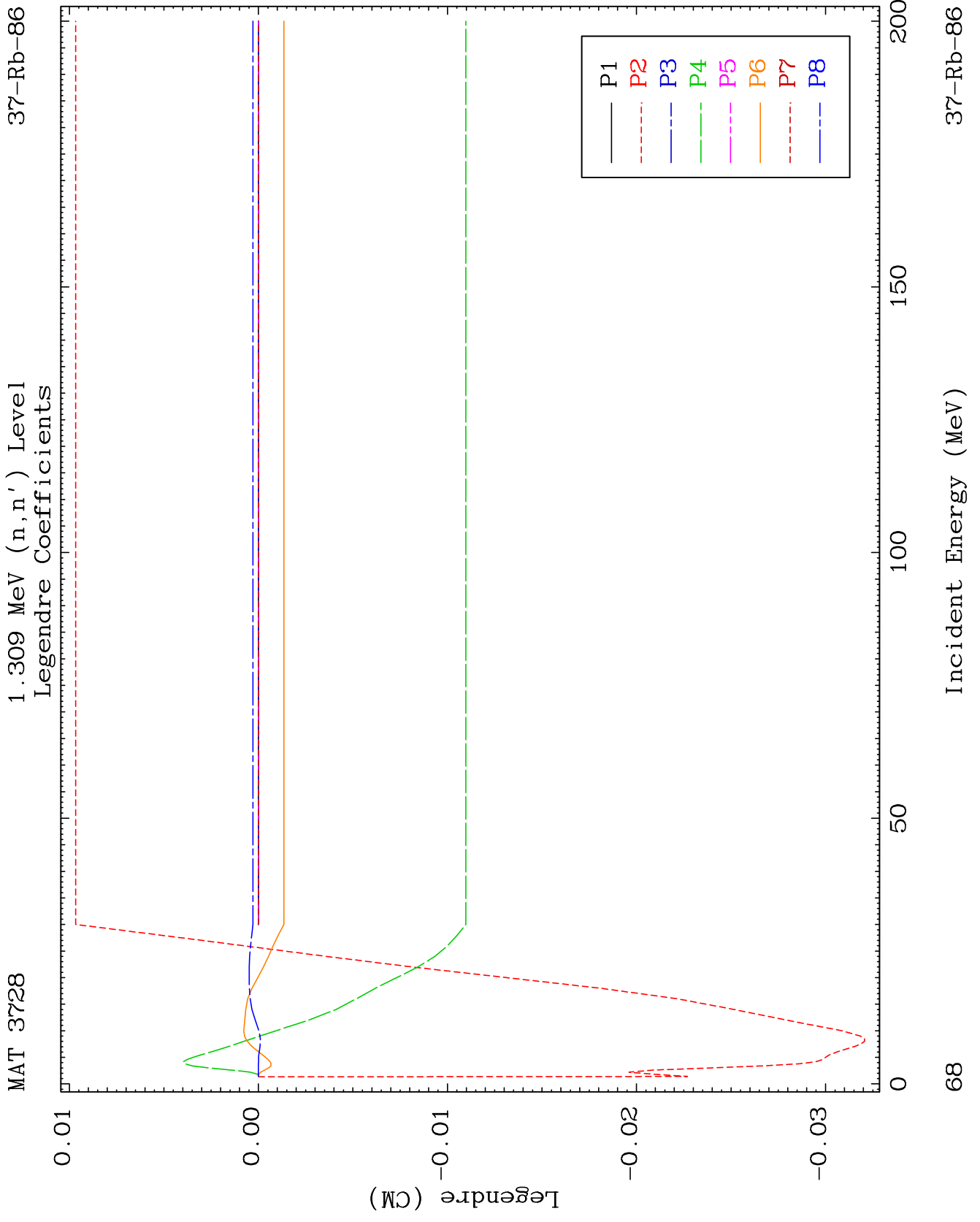


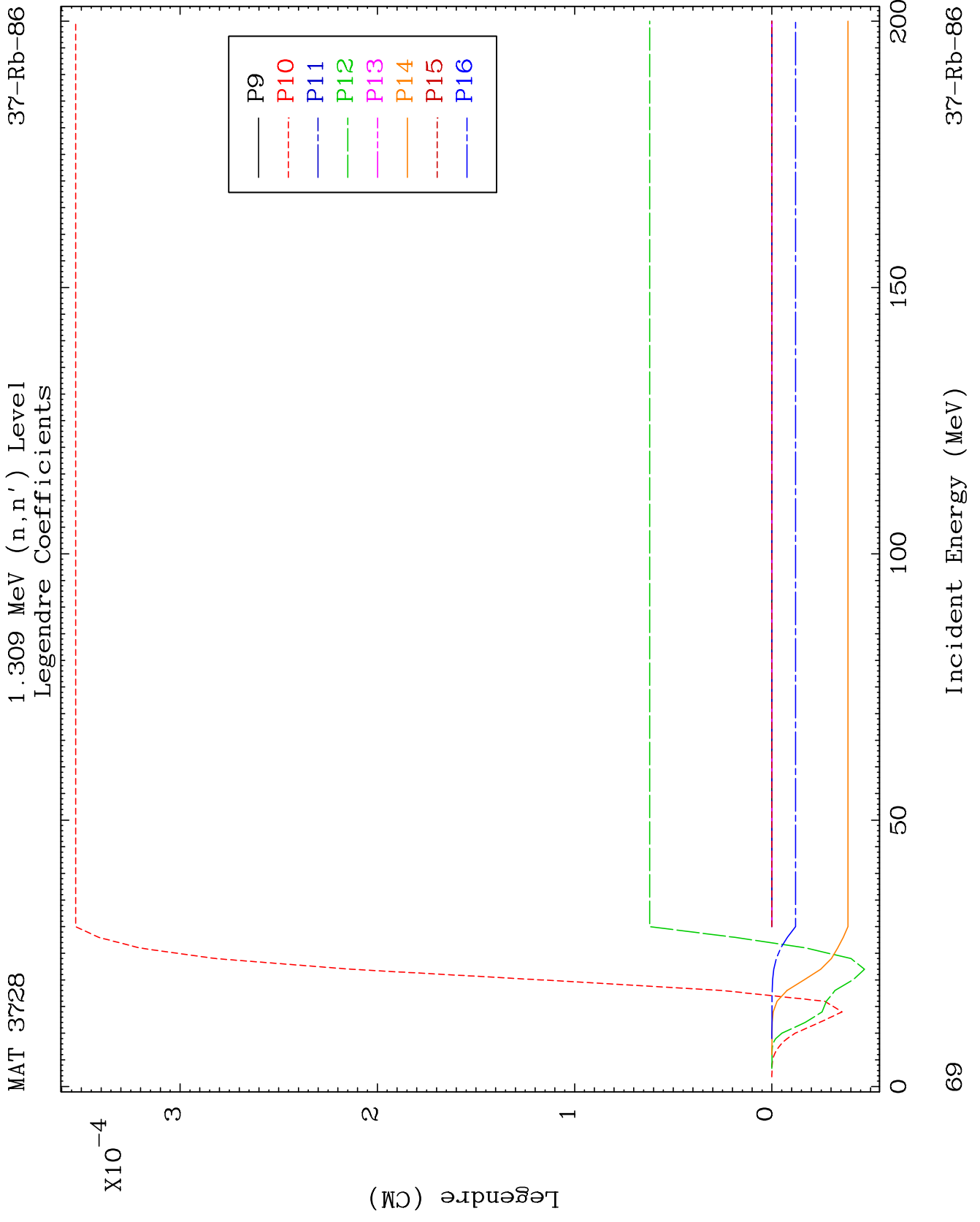


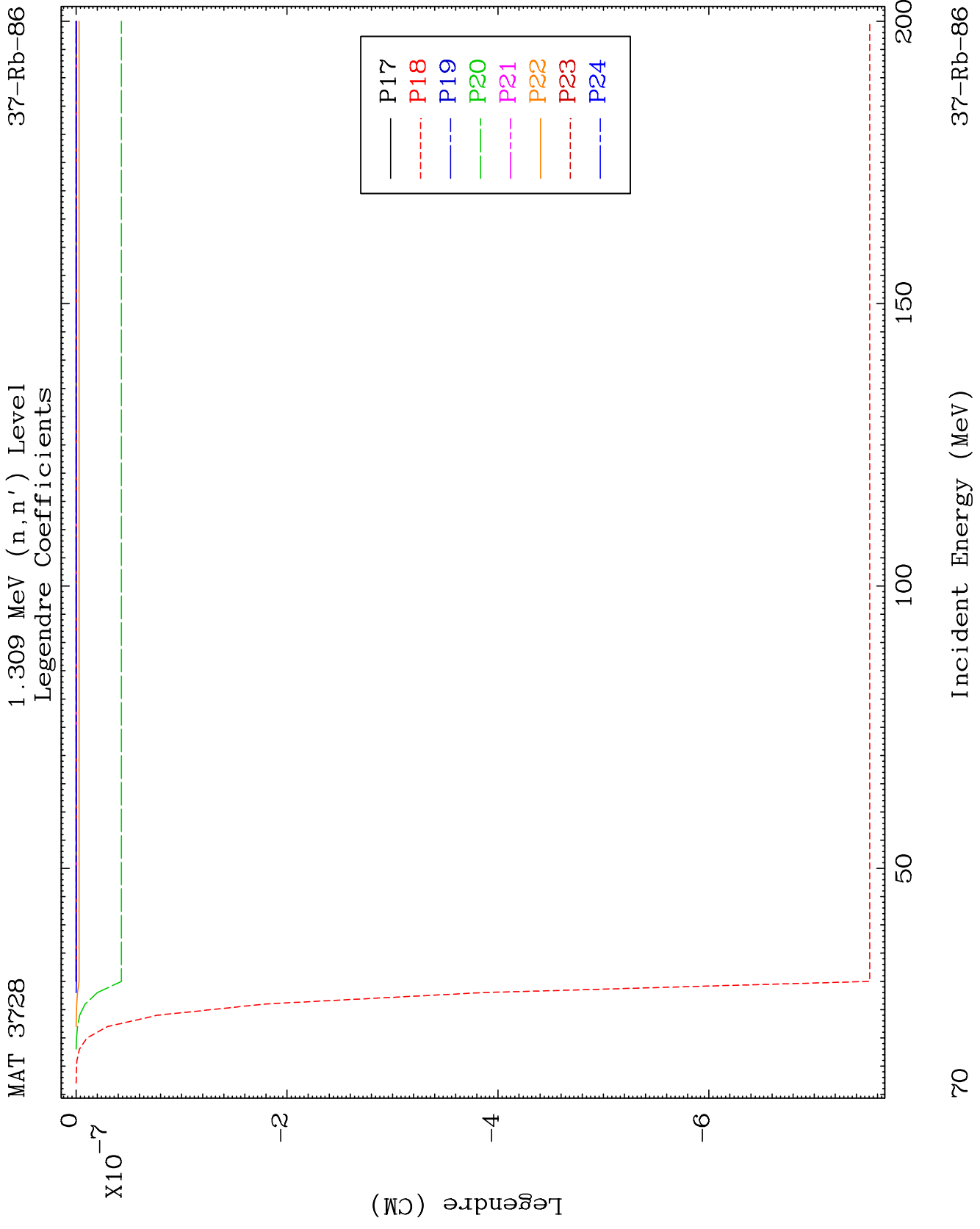








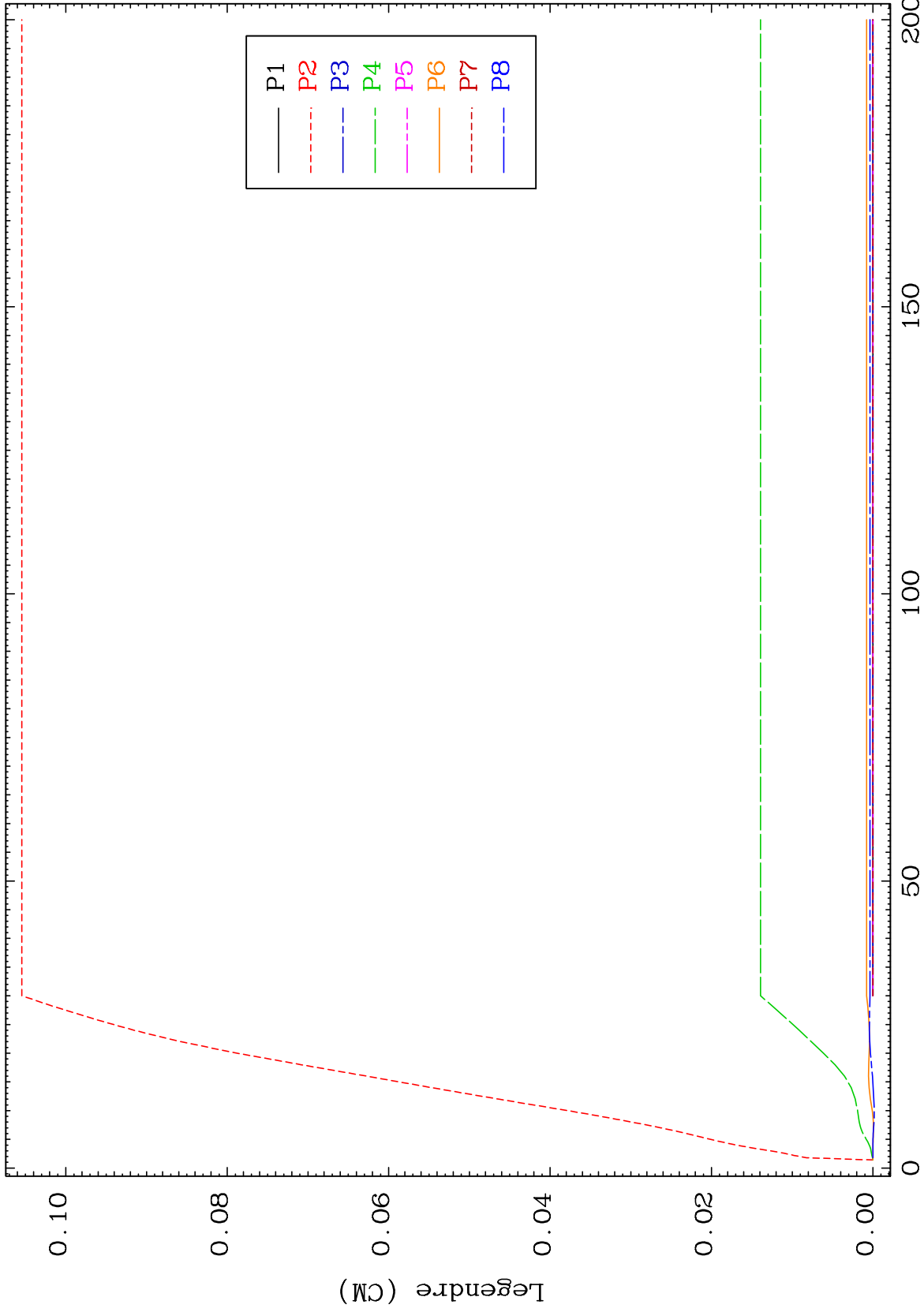




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1.389 MeV (n,n') Level
Legendre Coefficients

37-Rb-86



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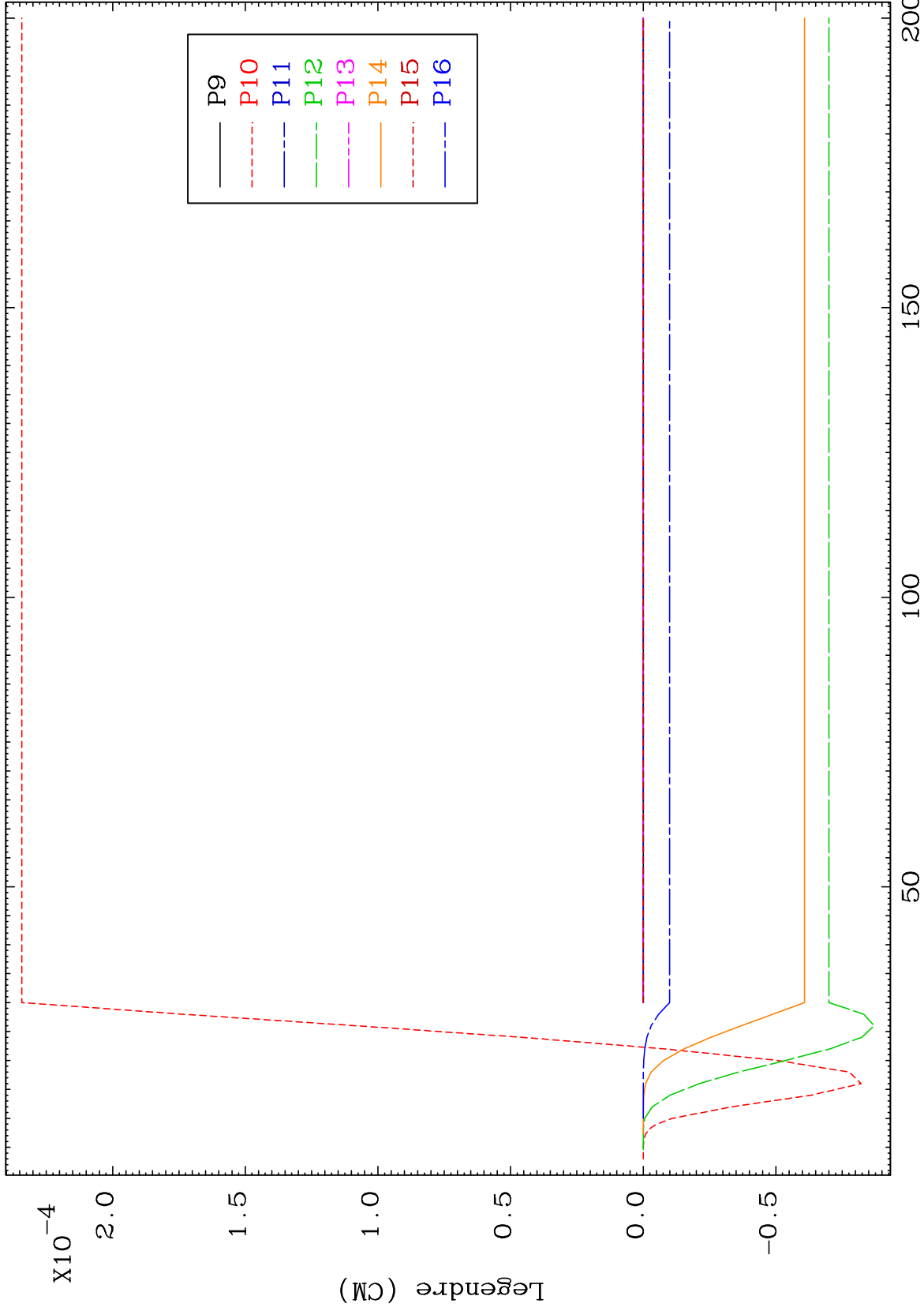
Incident Energy (MeV)

37-Rb-86

MAT 3728

1.389 MeV (n,n') Level
Legendre Coefficients

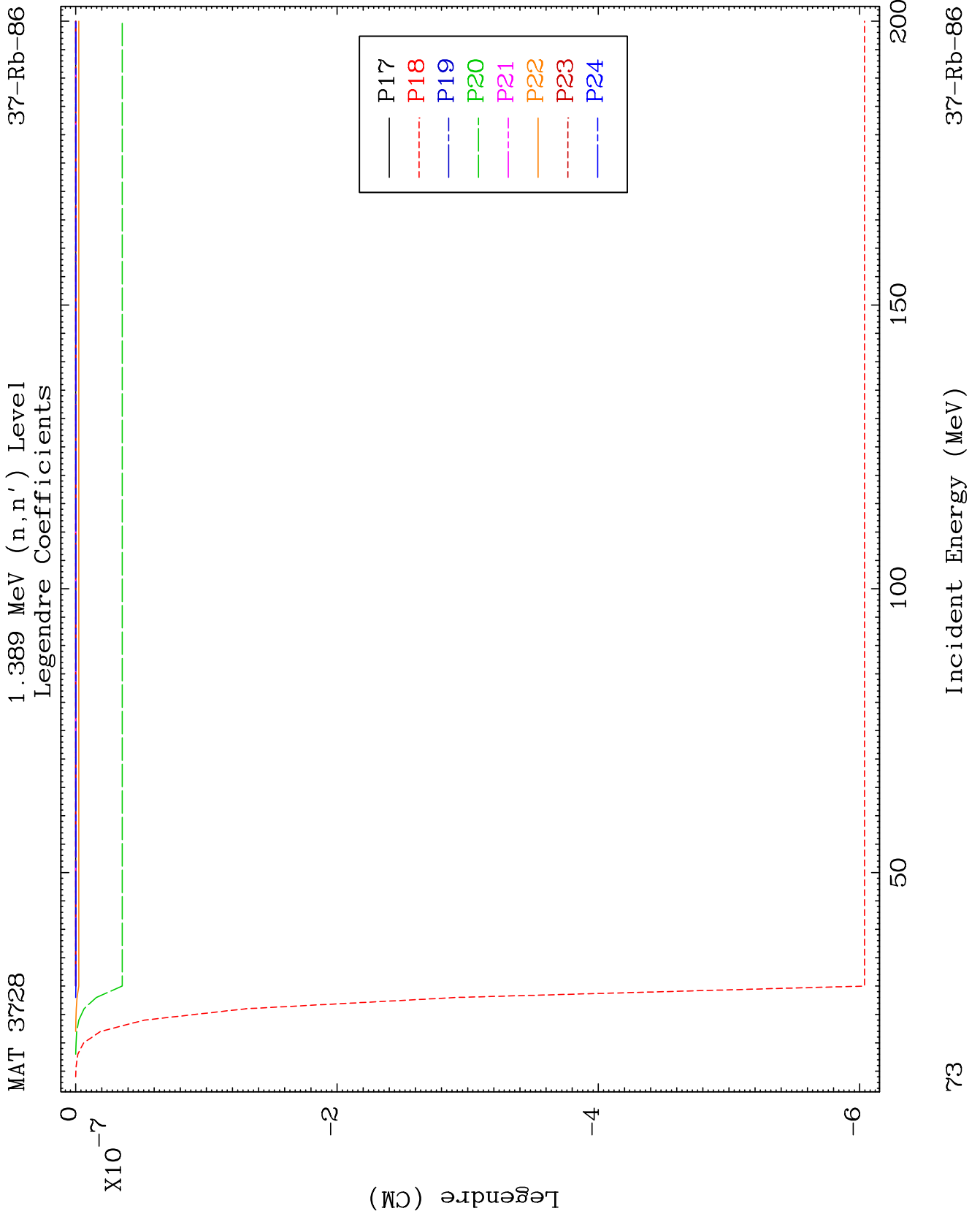
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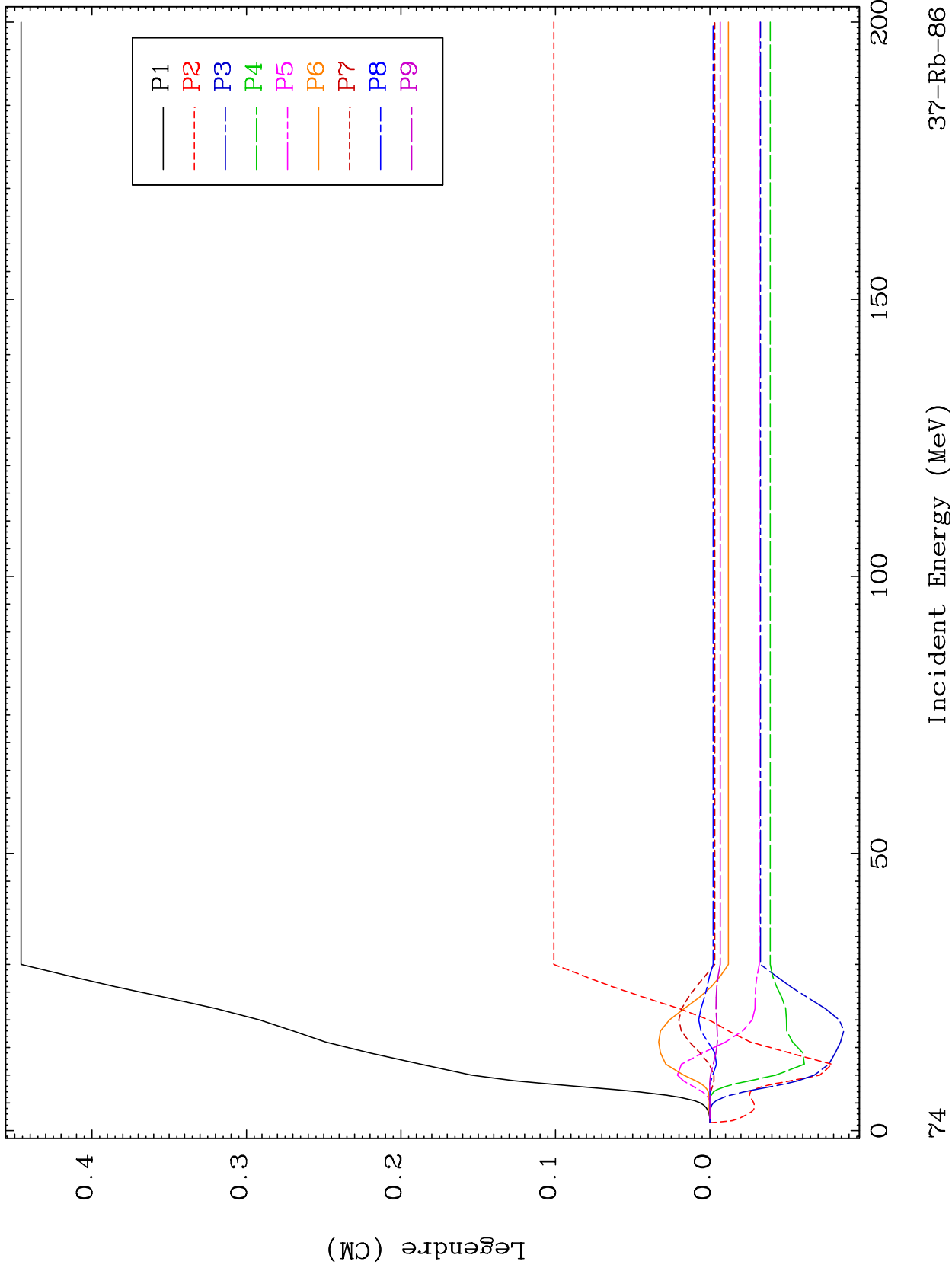


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Incident Energy (MeV)

37-Rb-86

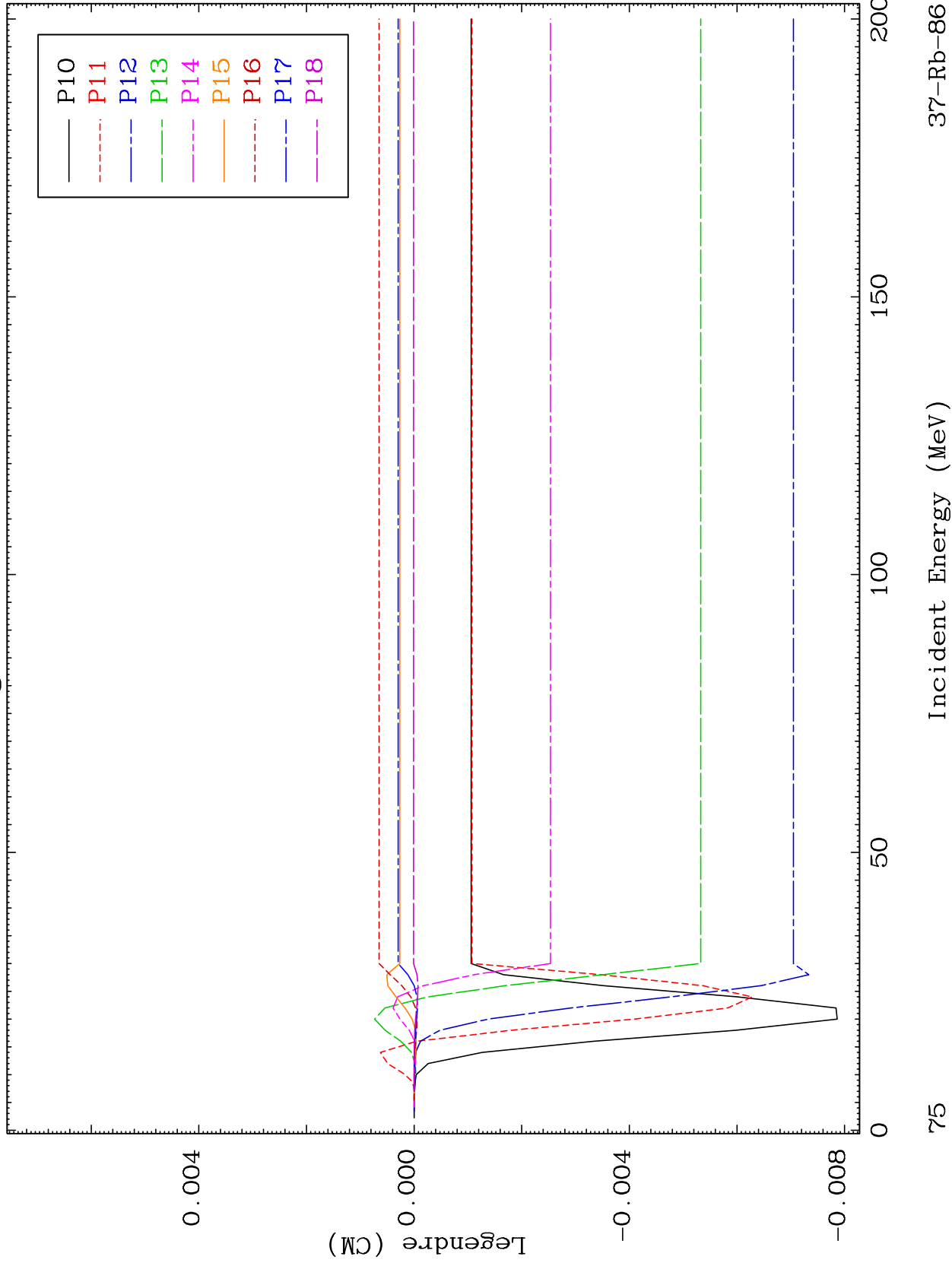




MAT 3728

1.412 MeV (n,n') Level
Legendre Coefficients

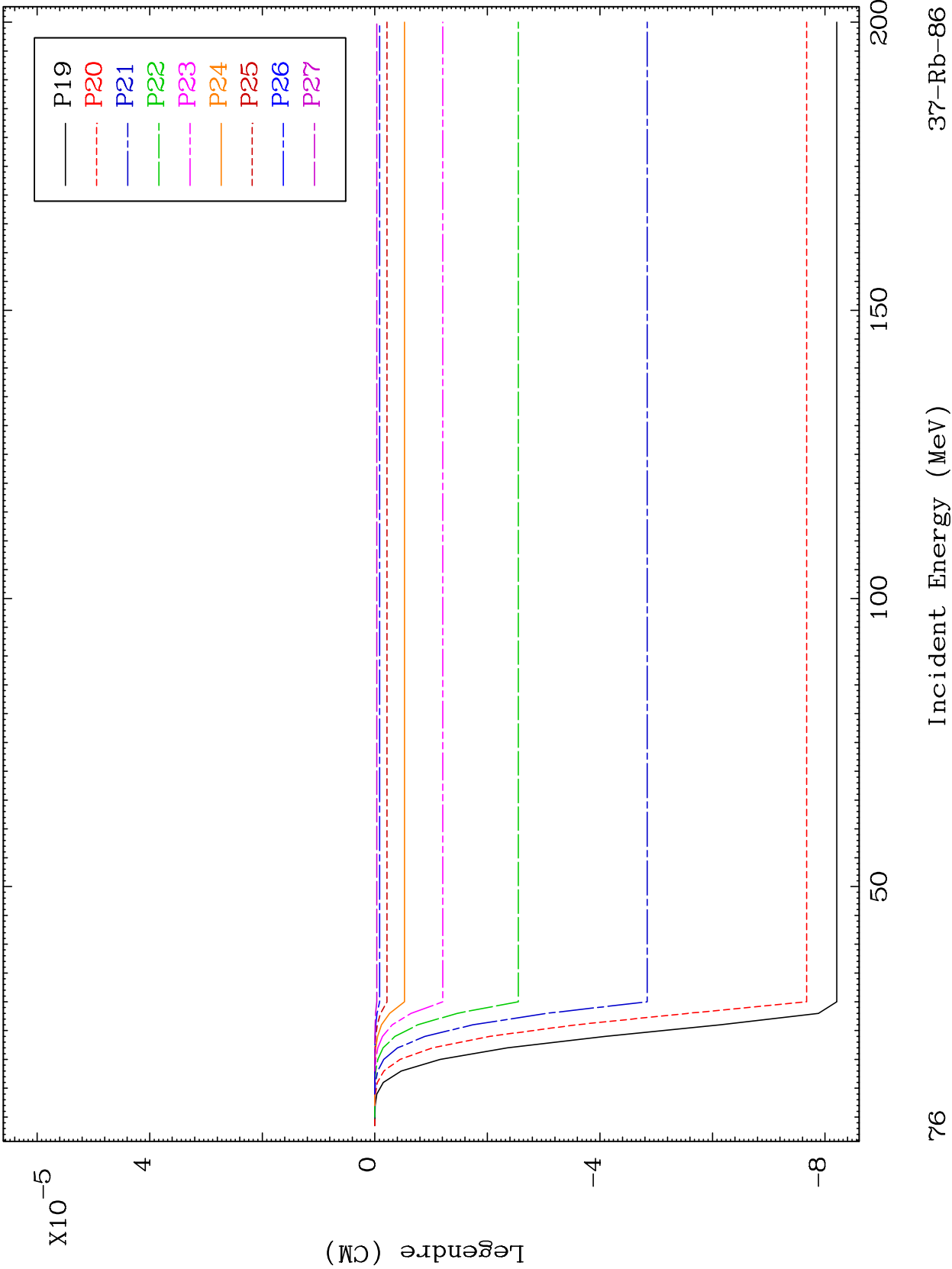
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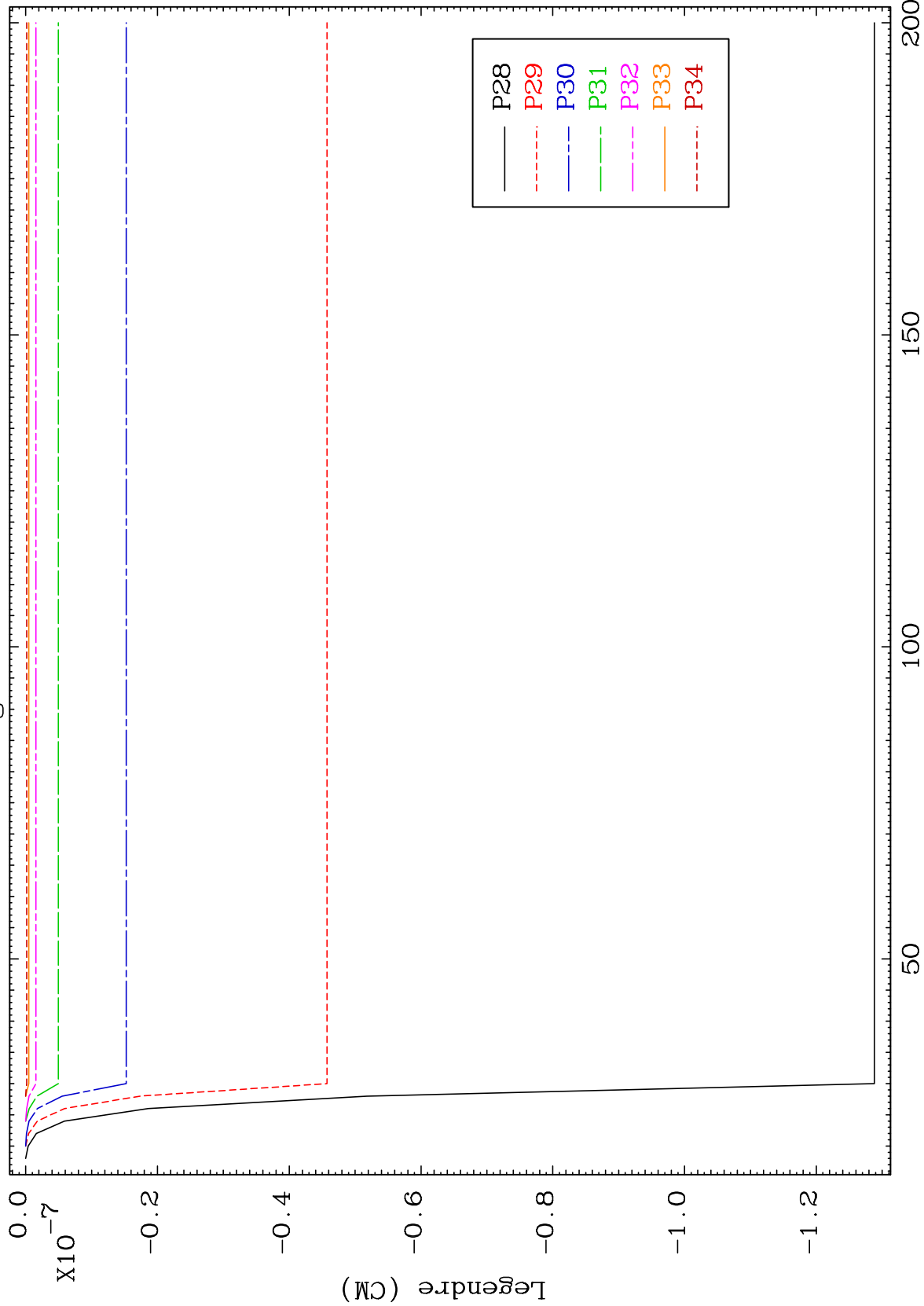


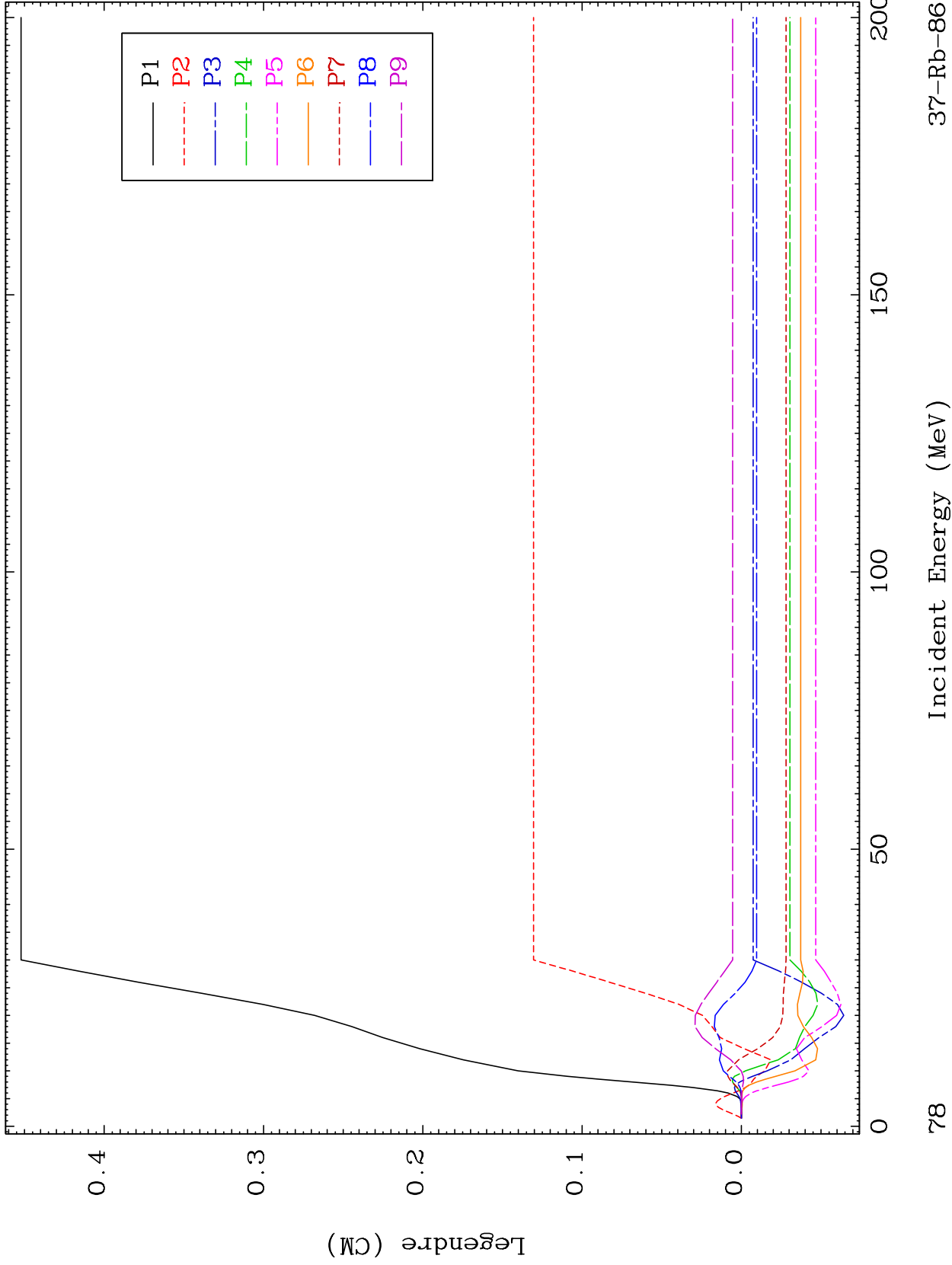
37-Rb-86

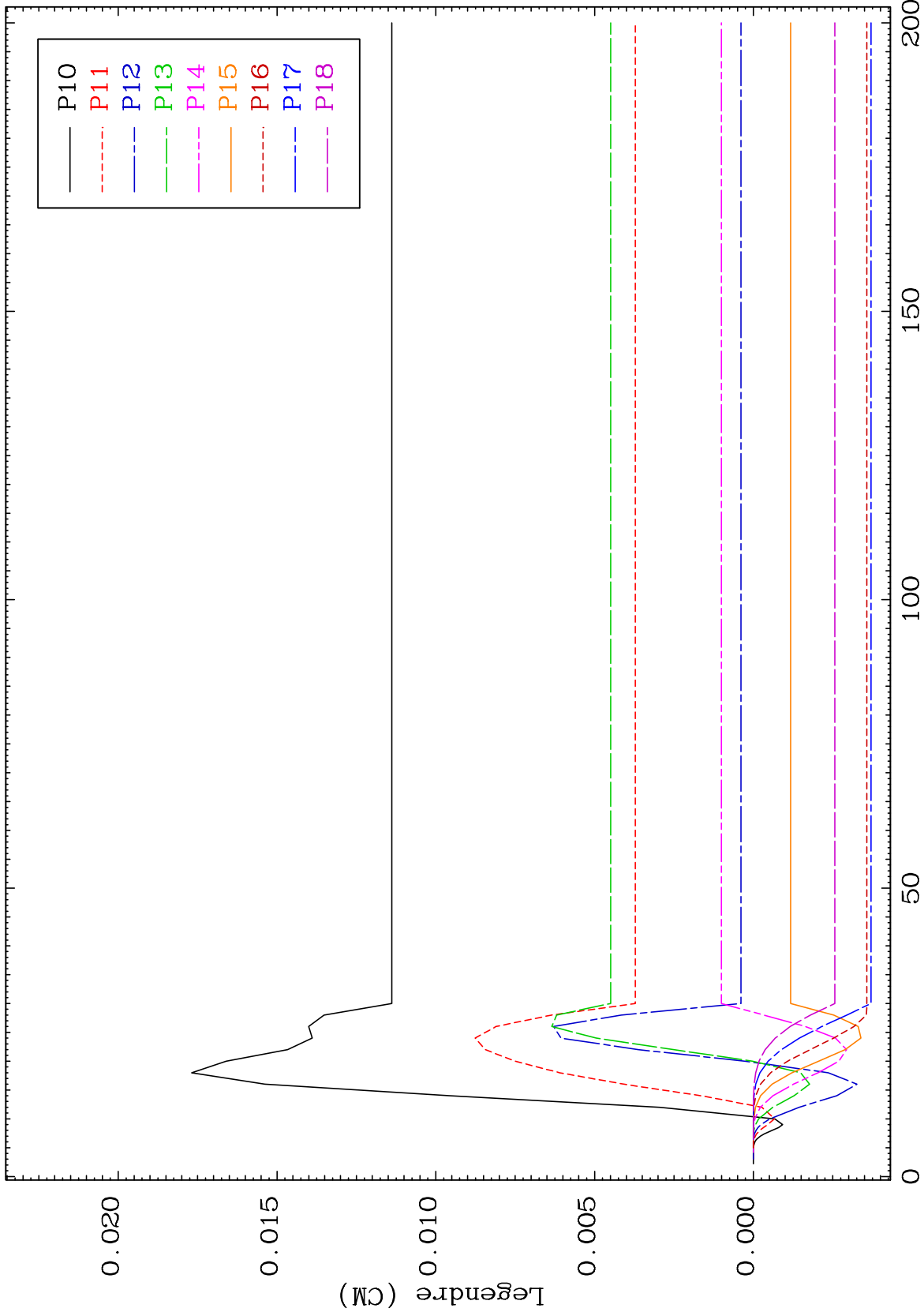
Incident Energy (MeV)

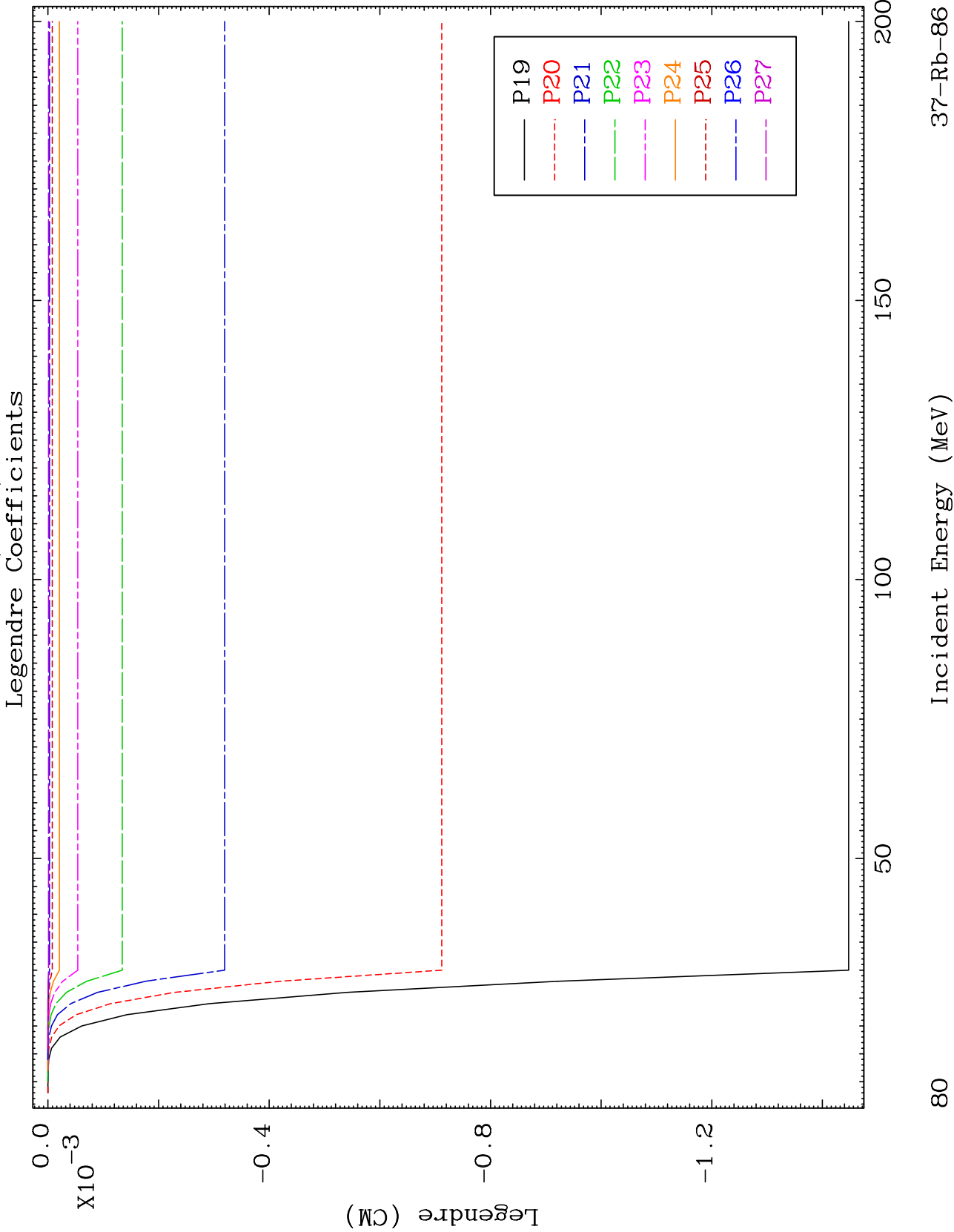
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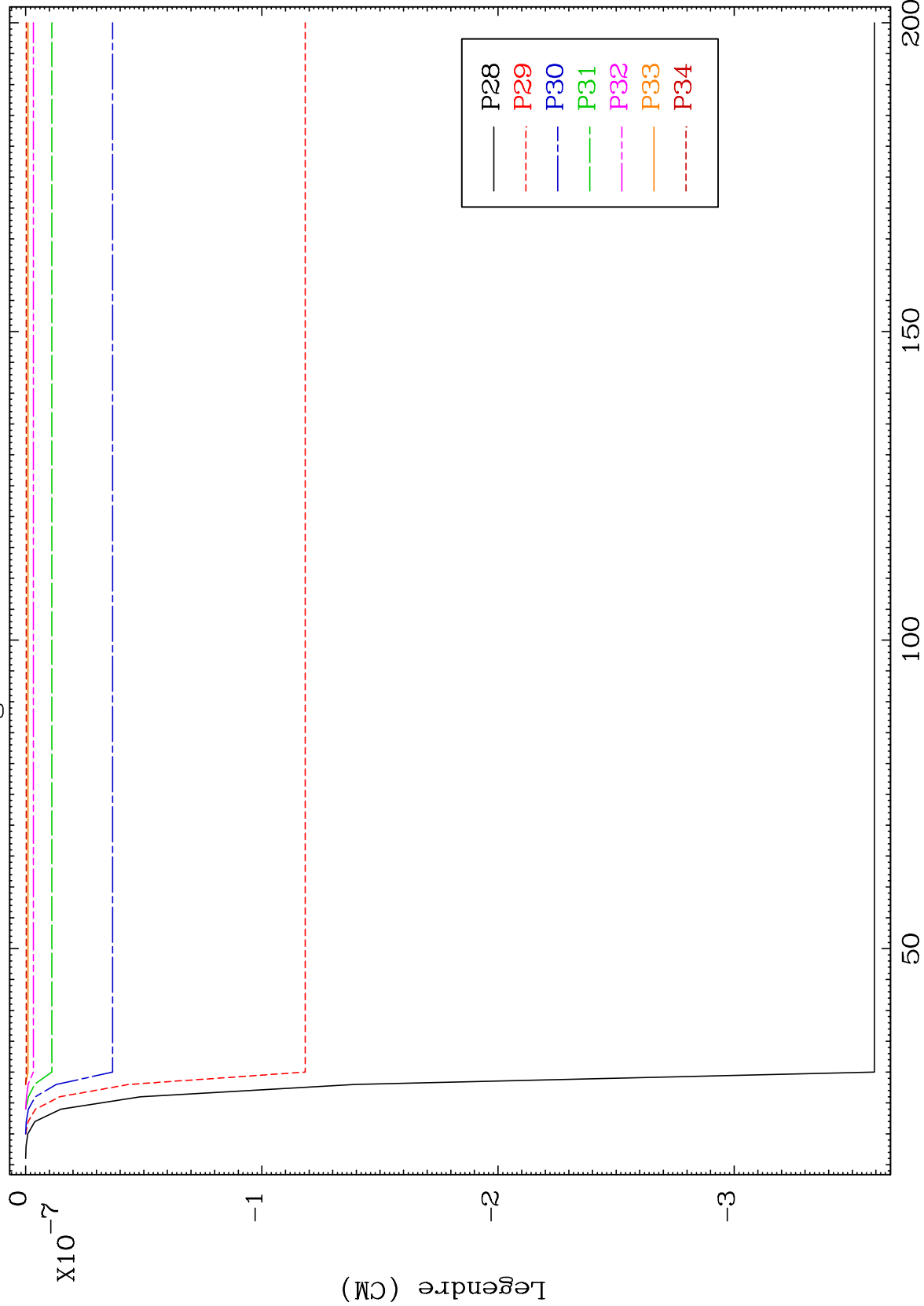




MAT 3728

1.439 MeV (n,n') Level
Legendre Coefficients

37-Rb-86



81

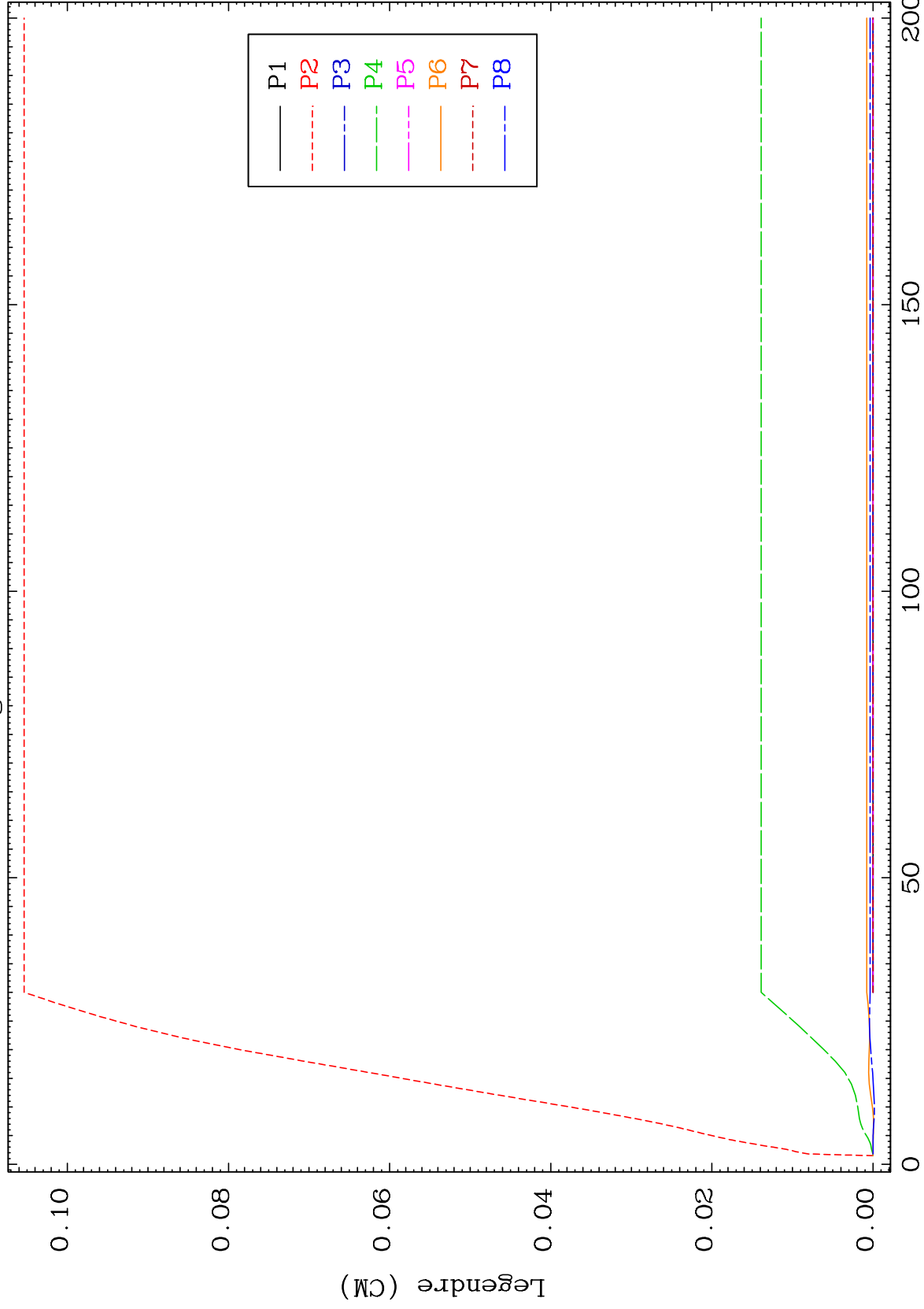
Incident Energy (MeV)

37-Rb-86

MAT 3728

1.471 MeV (n,n') Level
Legendre Coefficients

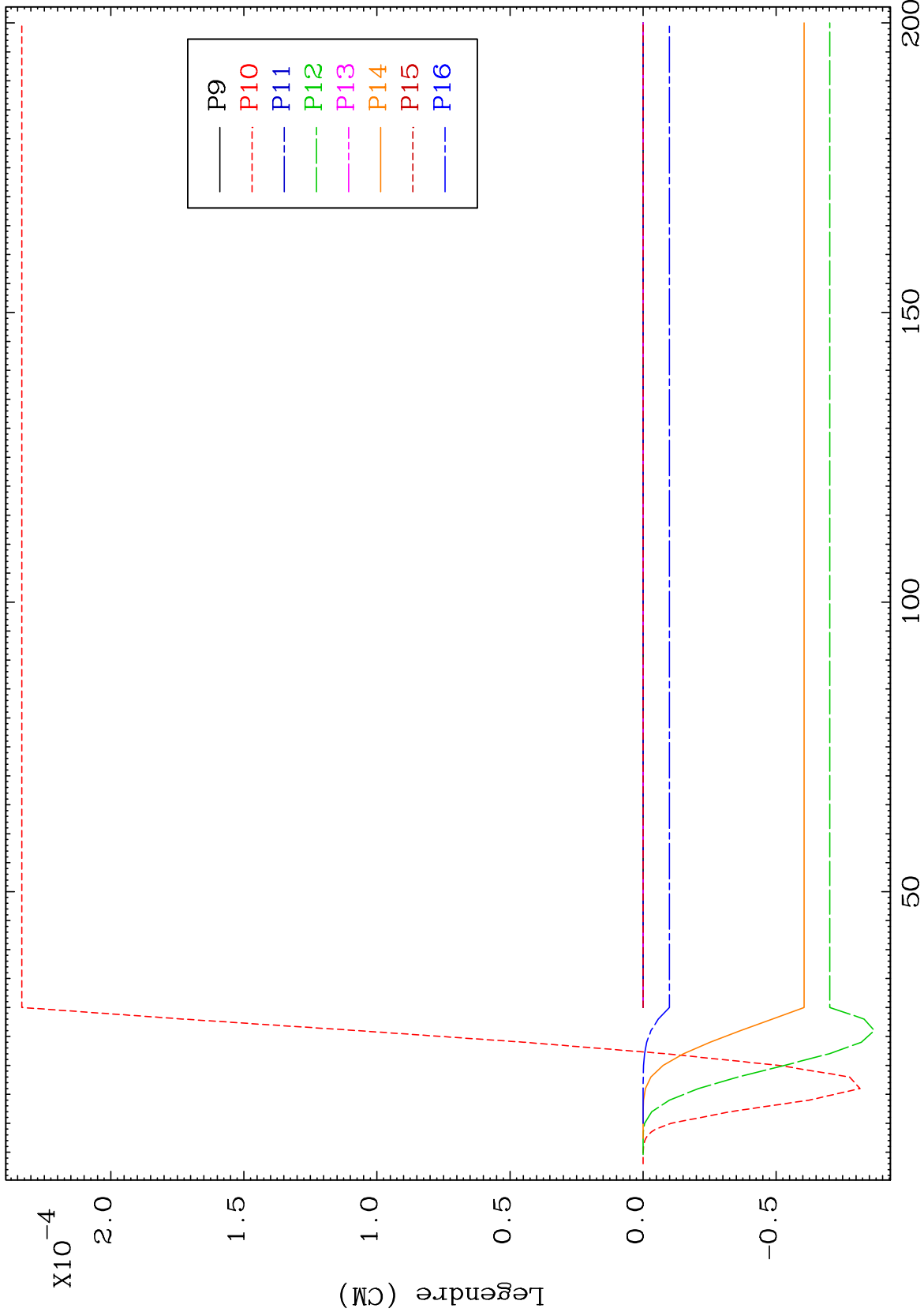
37-Rb-86

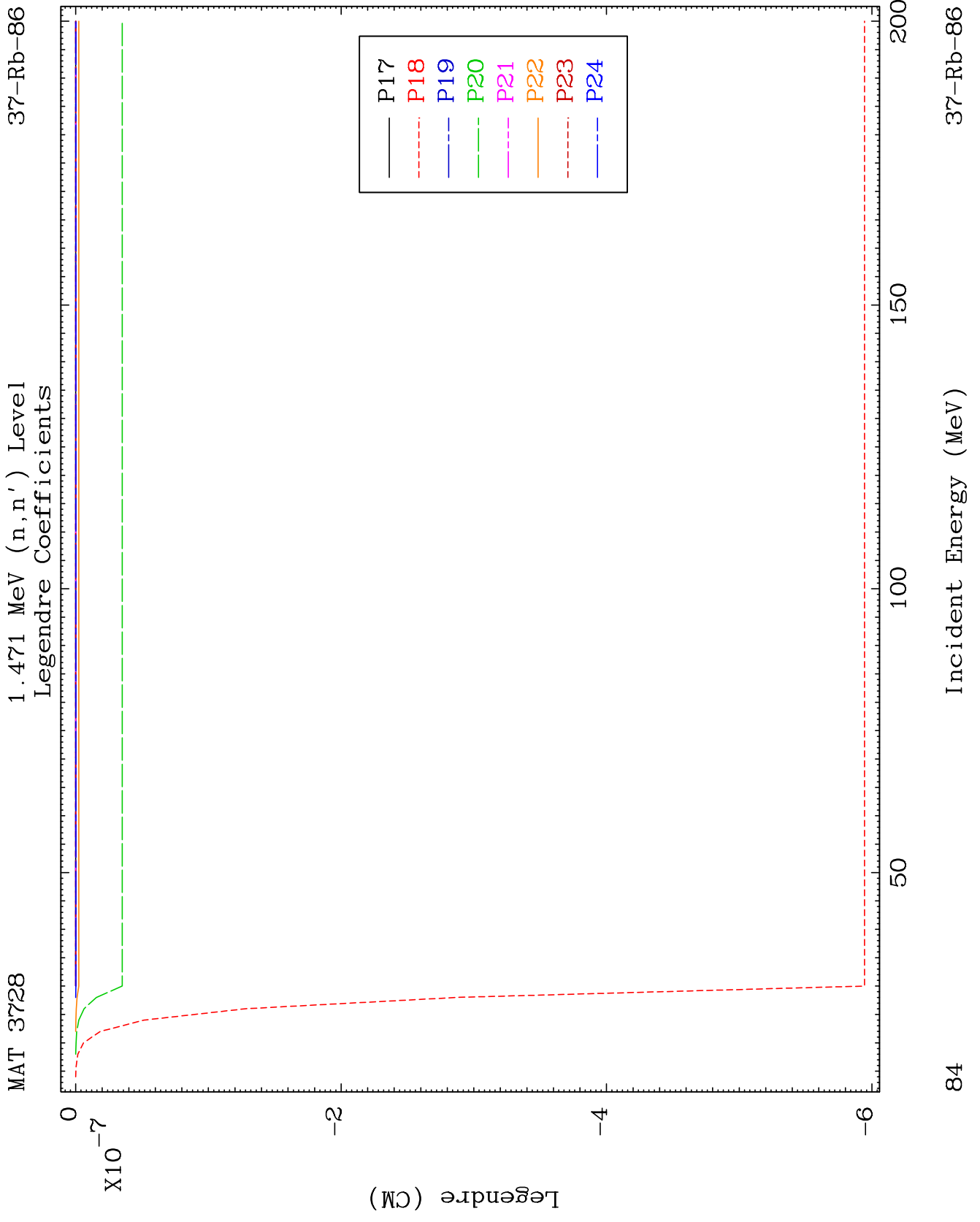


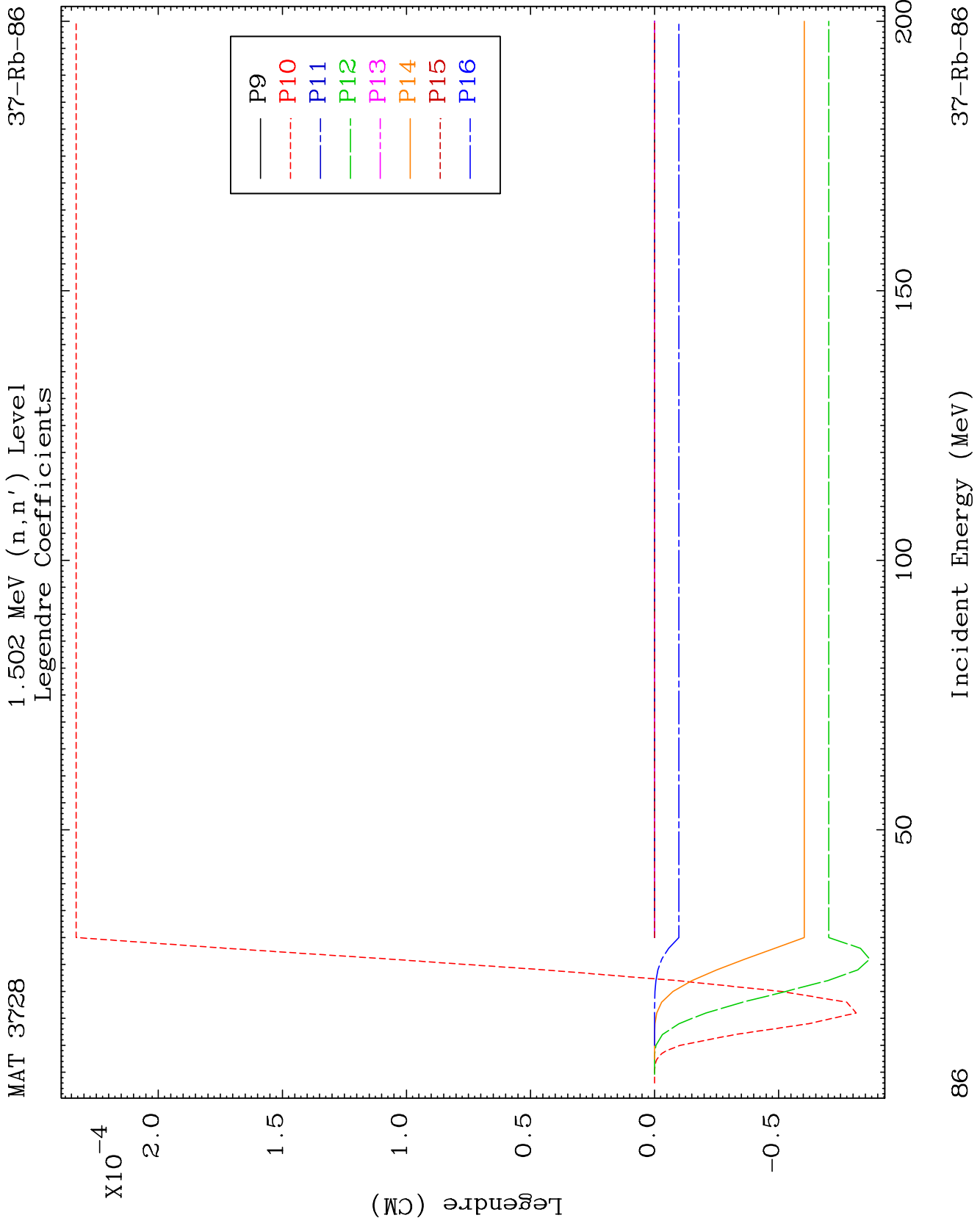
82

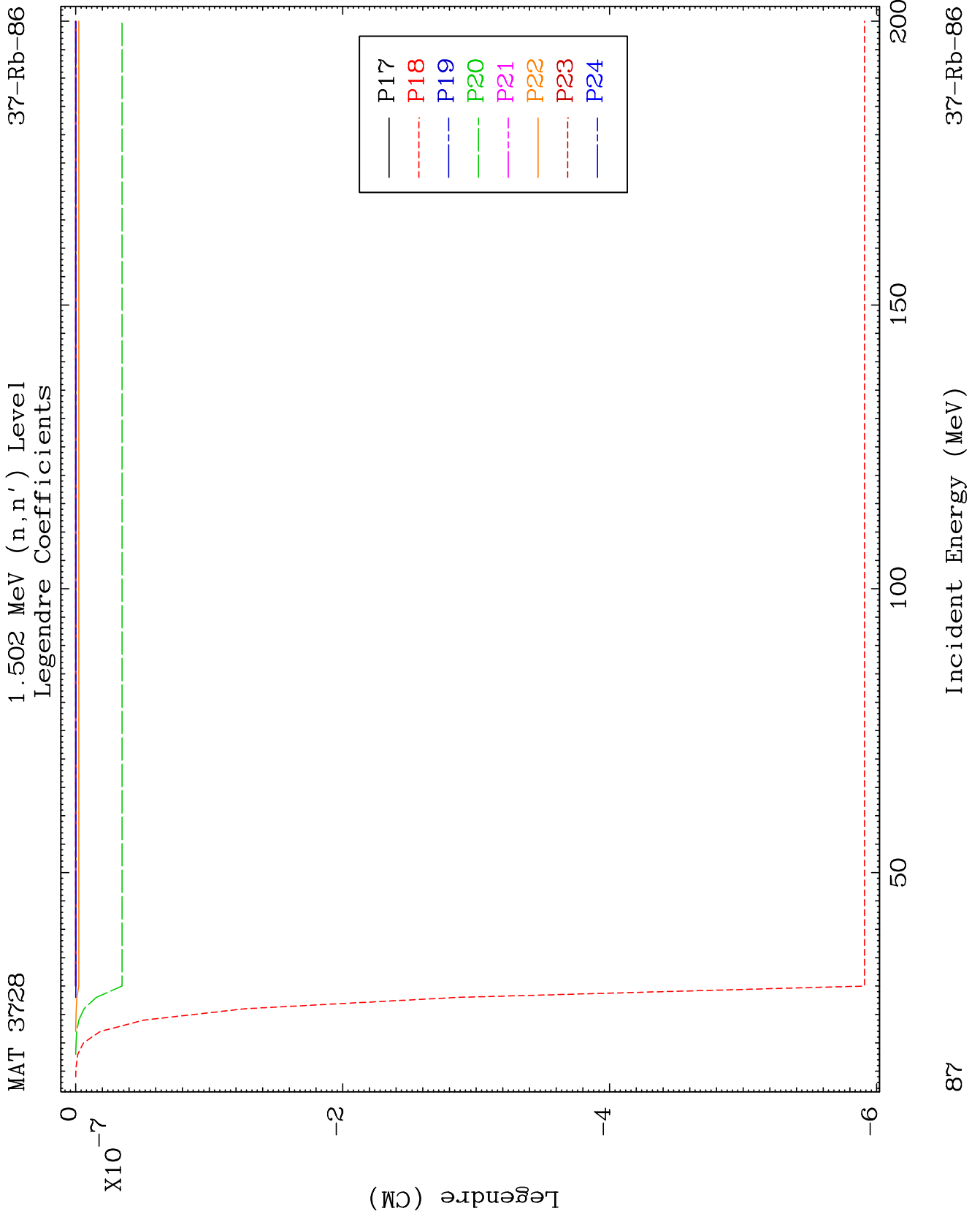
Incident Energy (MeV)

37-Rb-86





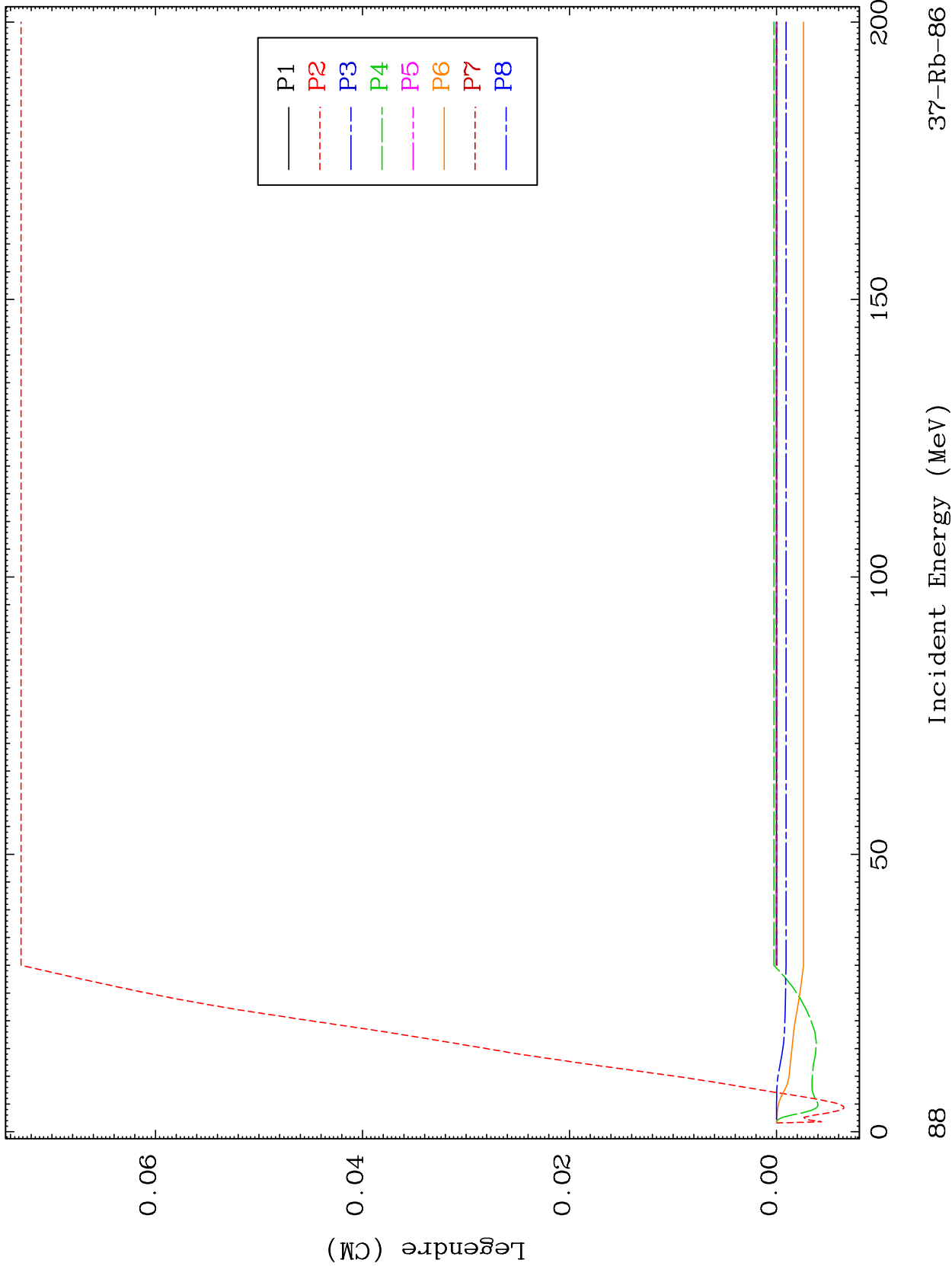




MAT 3728

1.550 MeV (n,n') Level
Legendre Coefficients

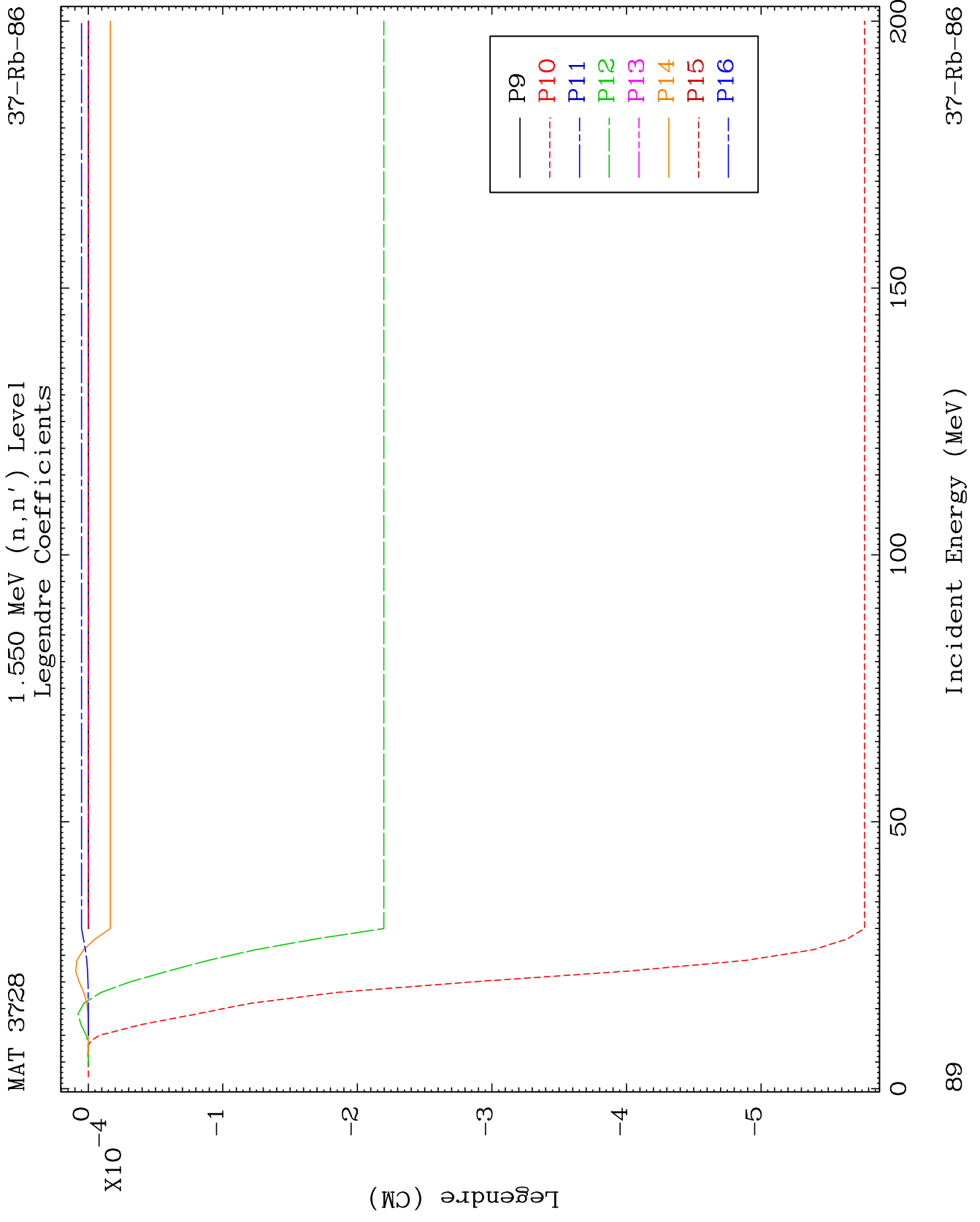
37-Rb-86

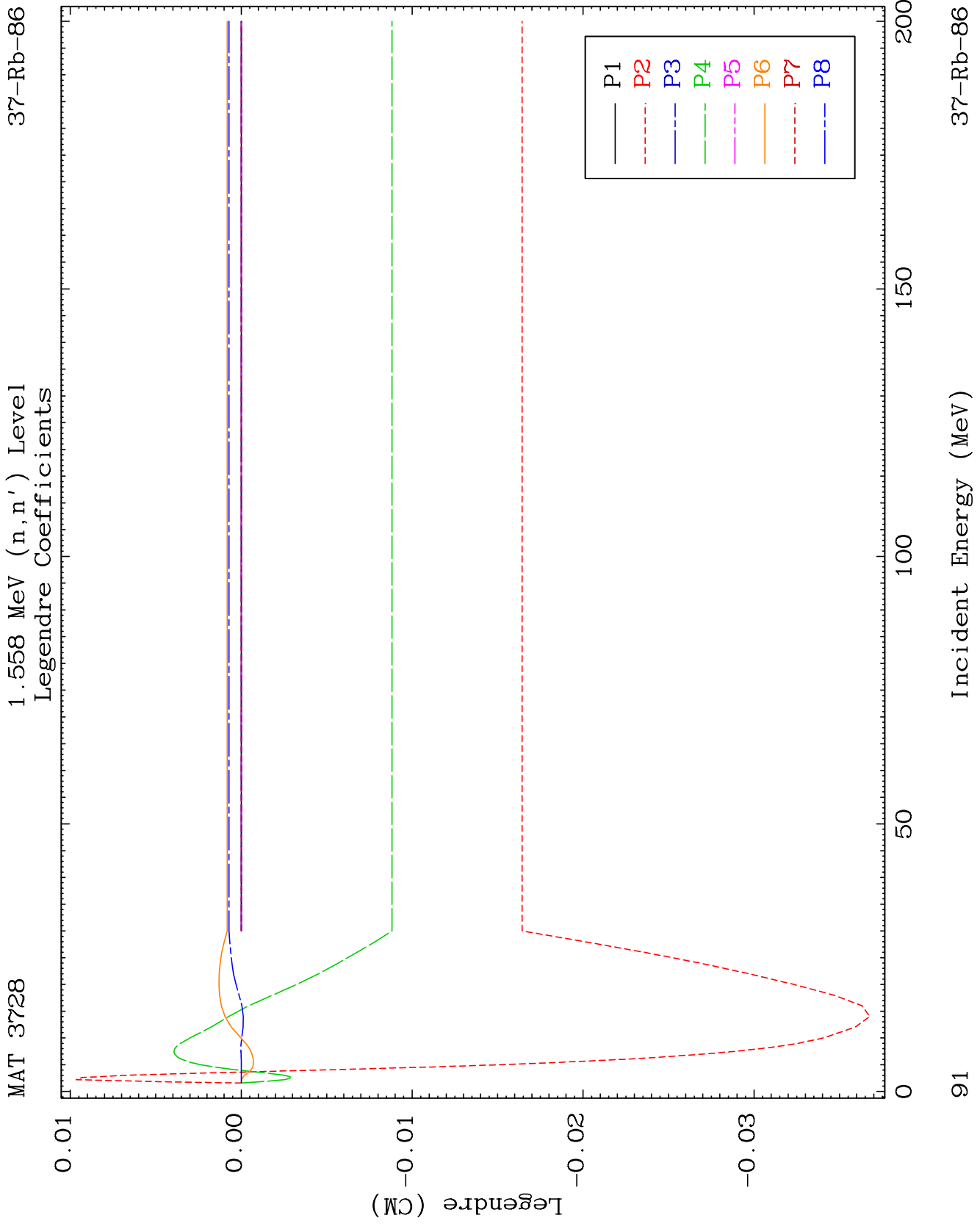


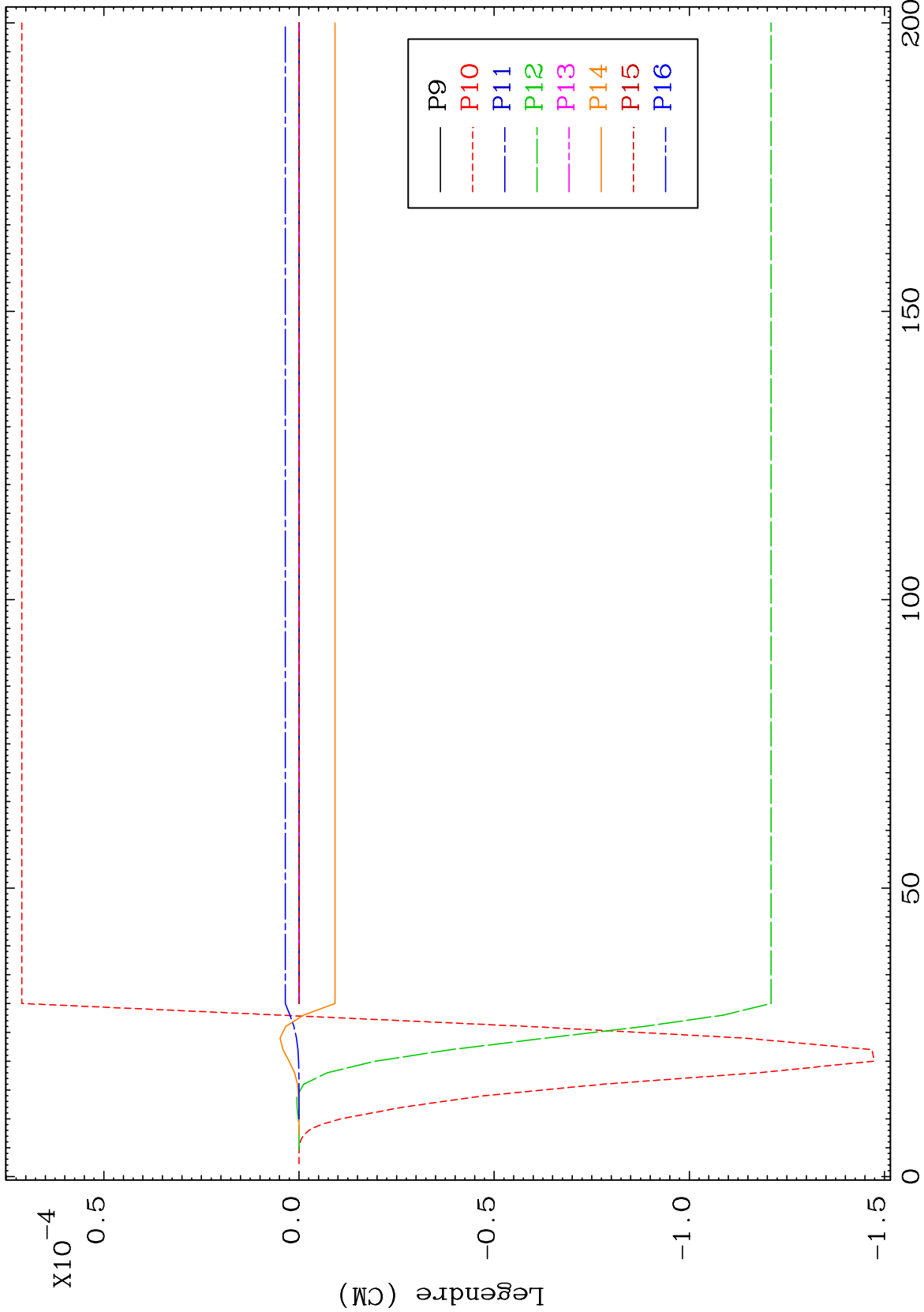
37-Rb-86

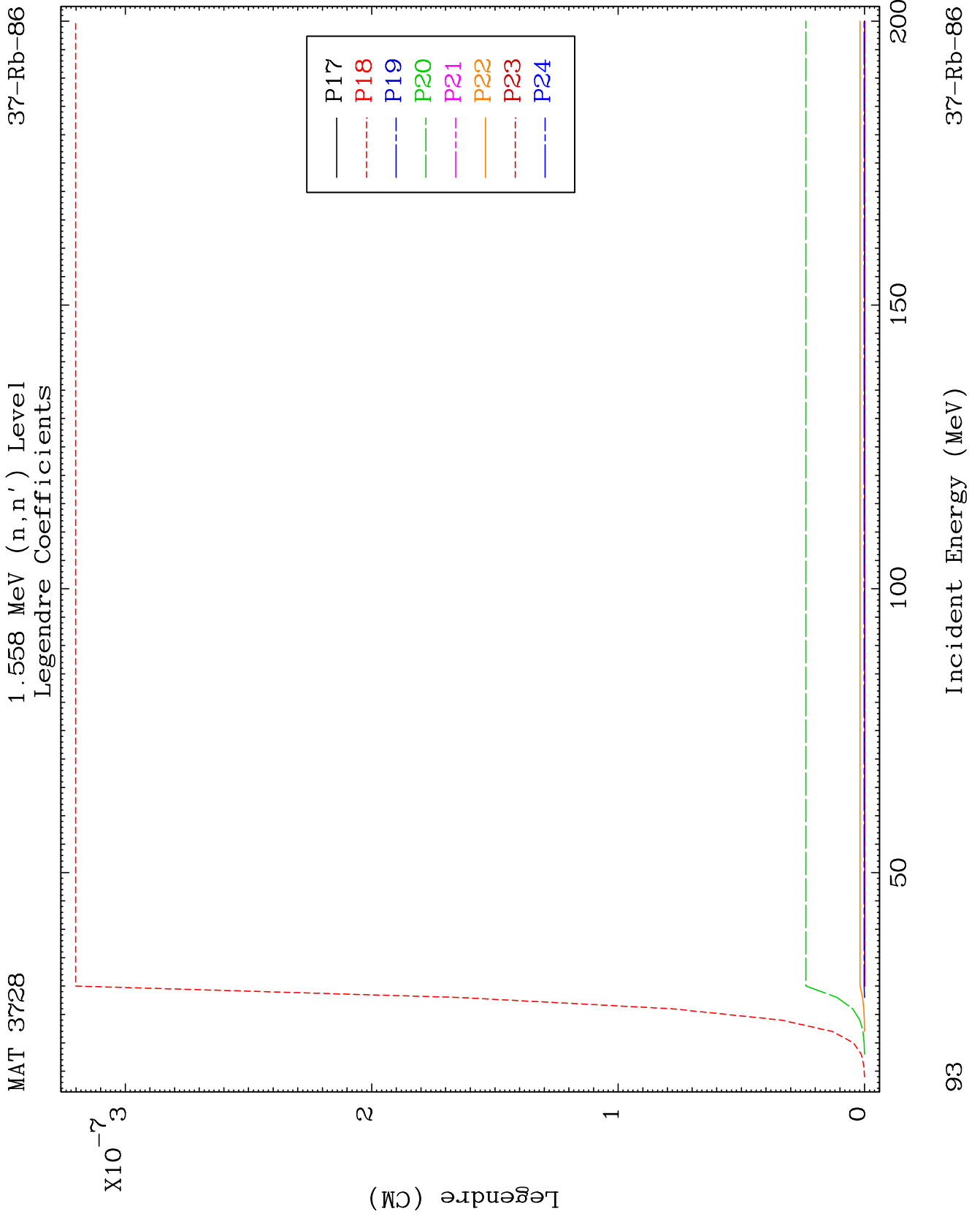
Incident Energy (MeV)

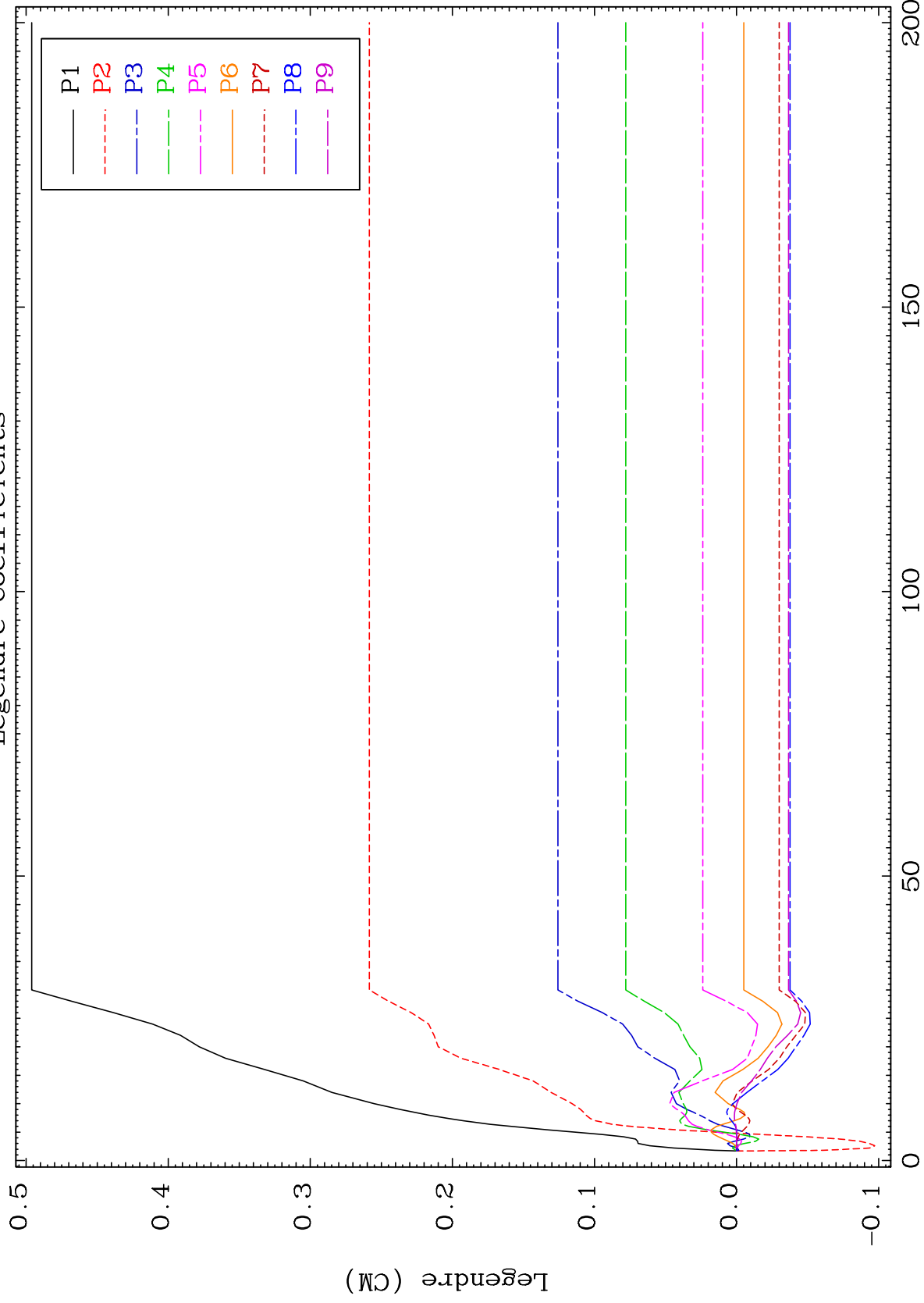
88







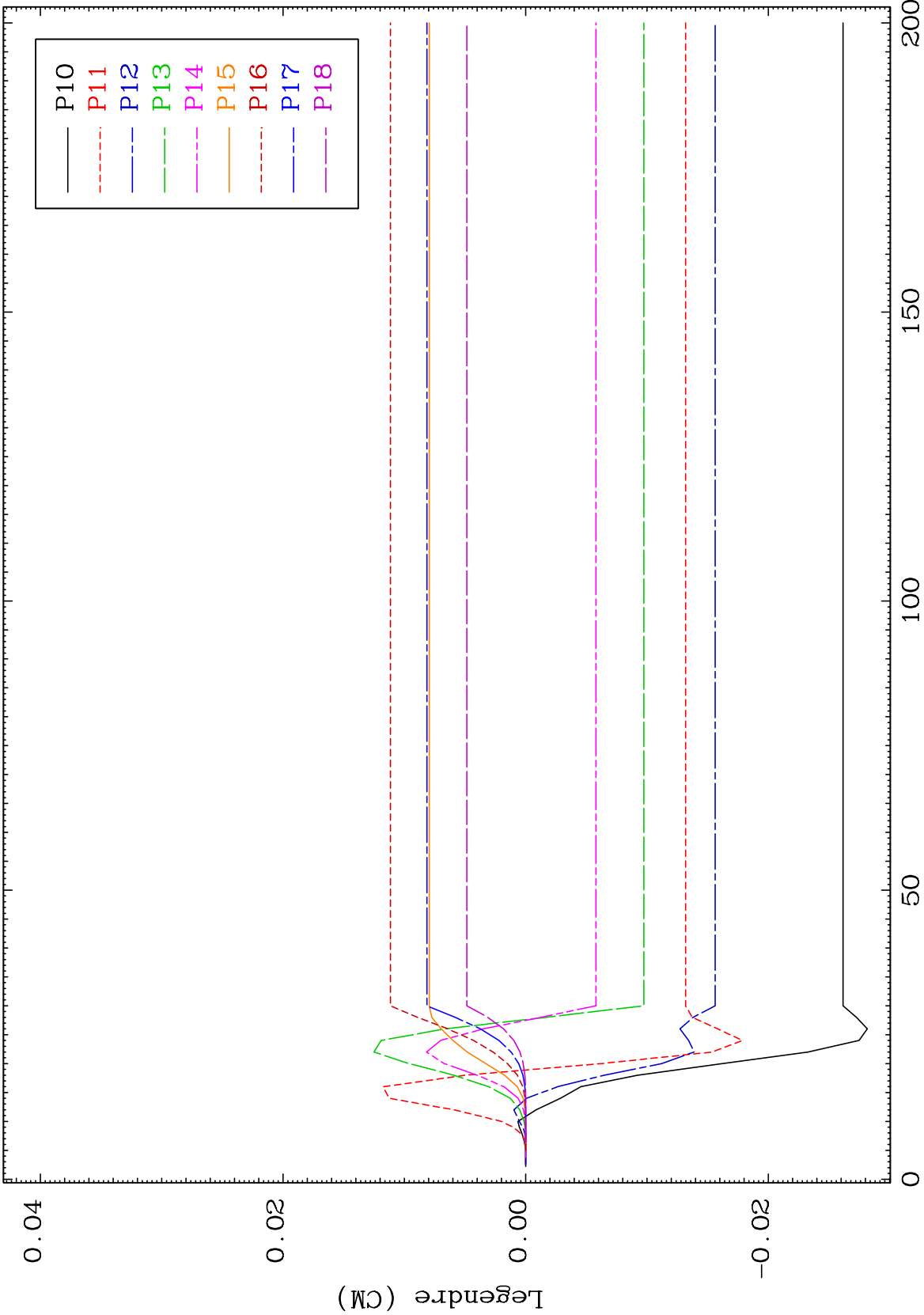




MAT 3728

1.667 MeV (n,n') Level
Legendre Coefficients

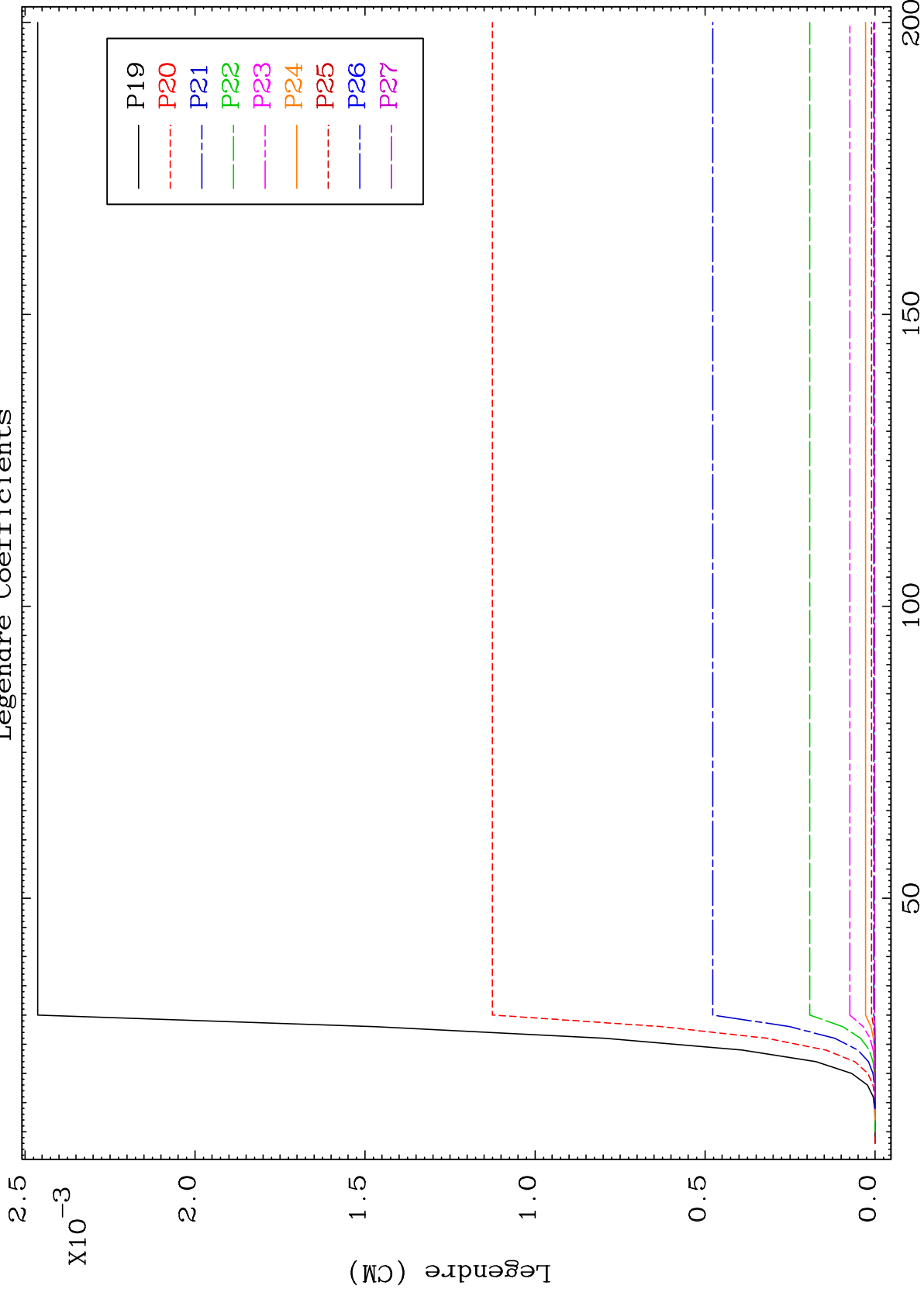
37-Rb-86

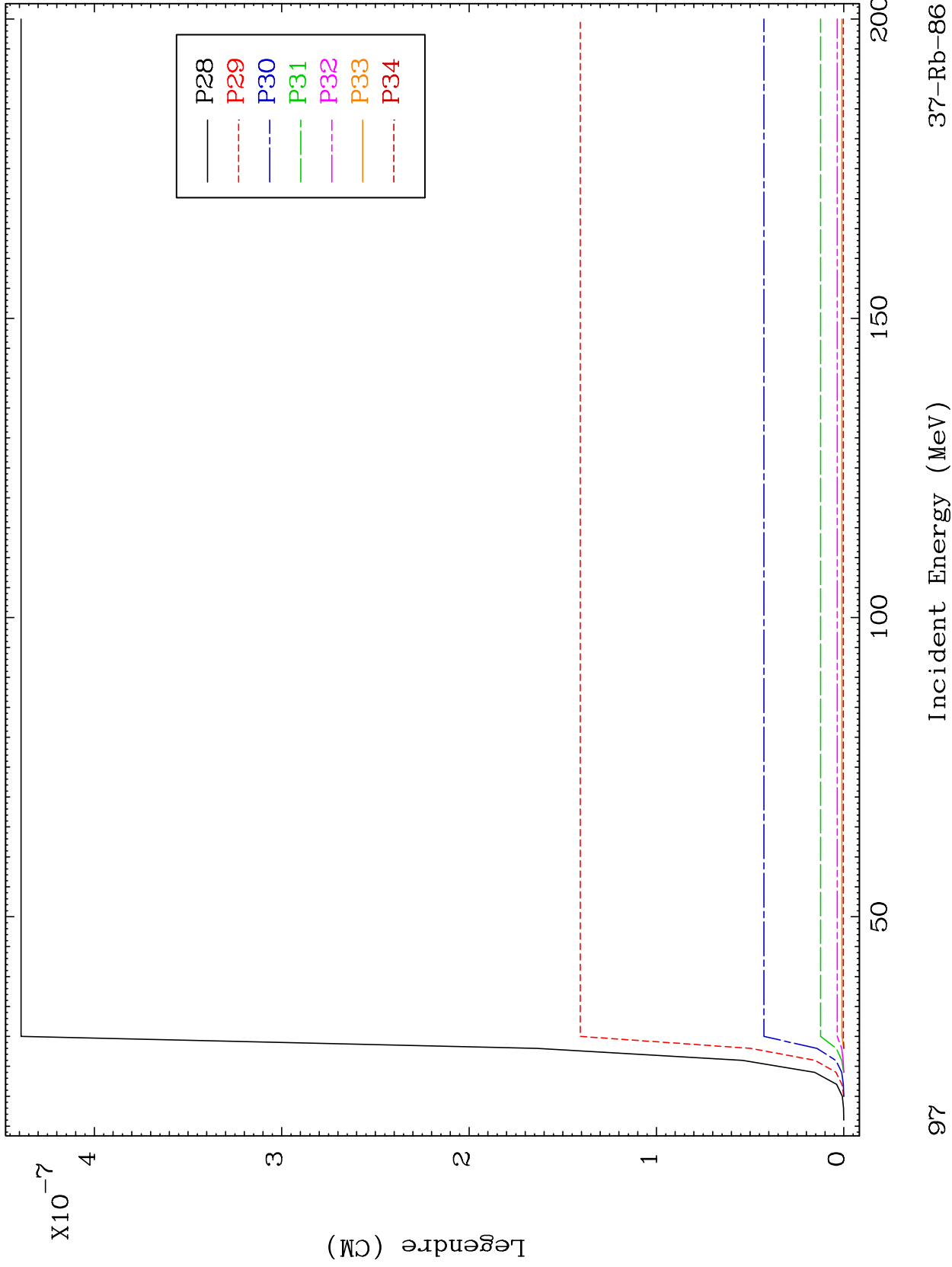


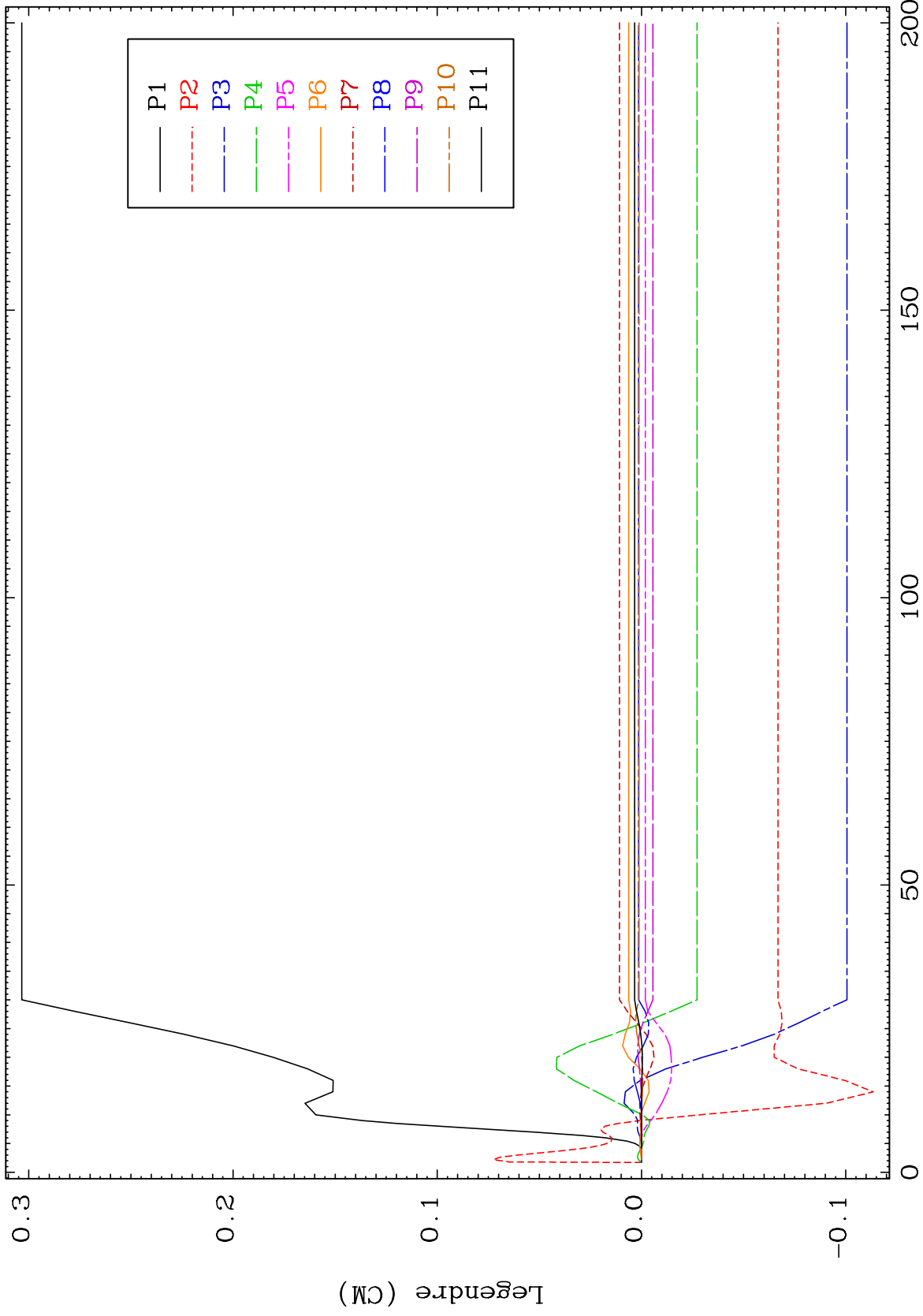
95

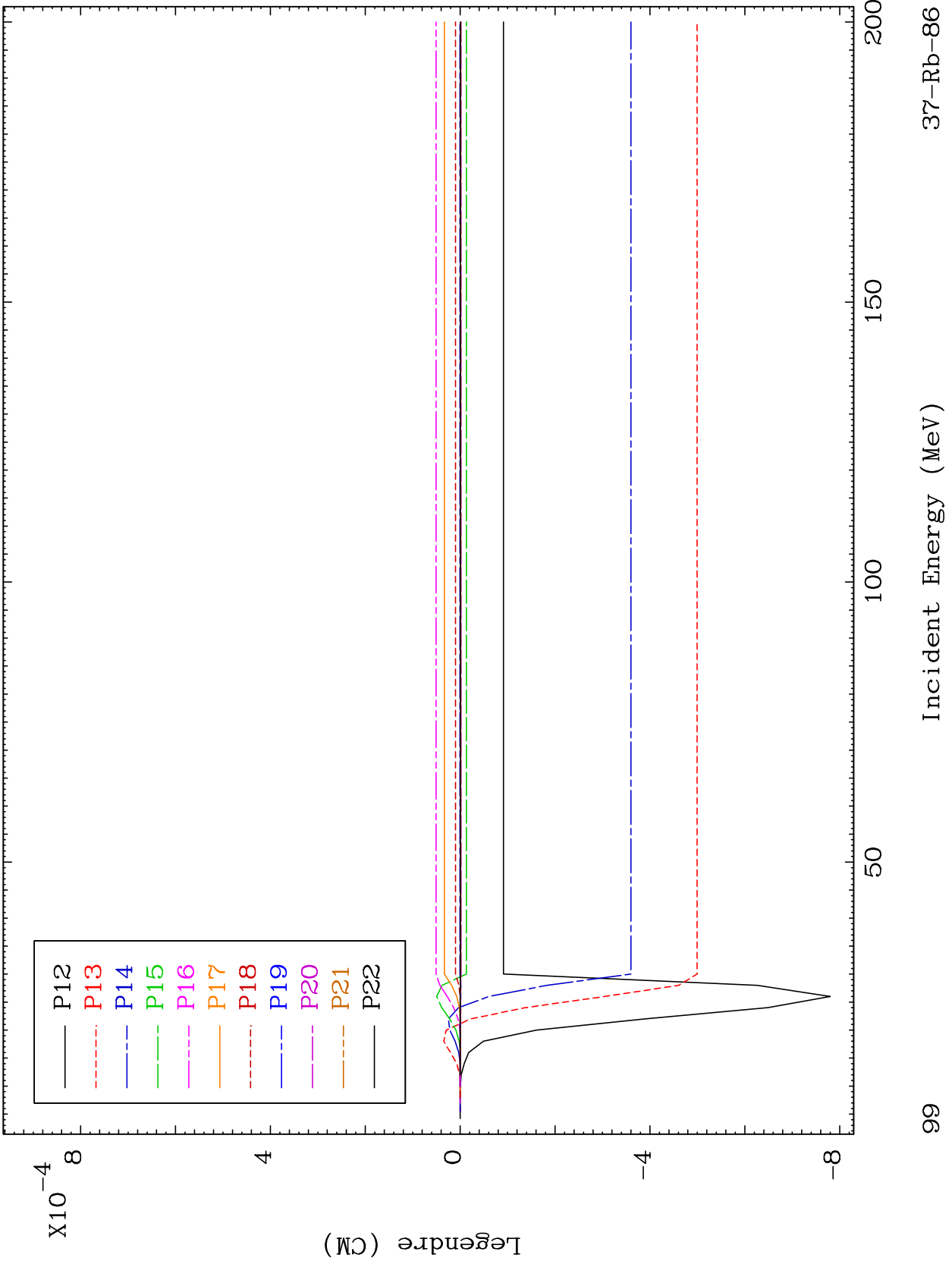
Incident Energy (MeV)

37-Rb-86





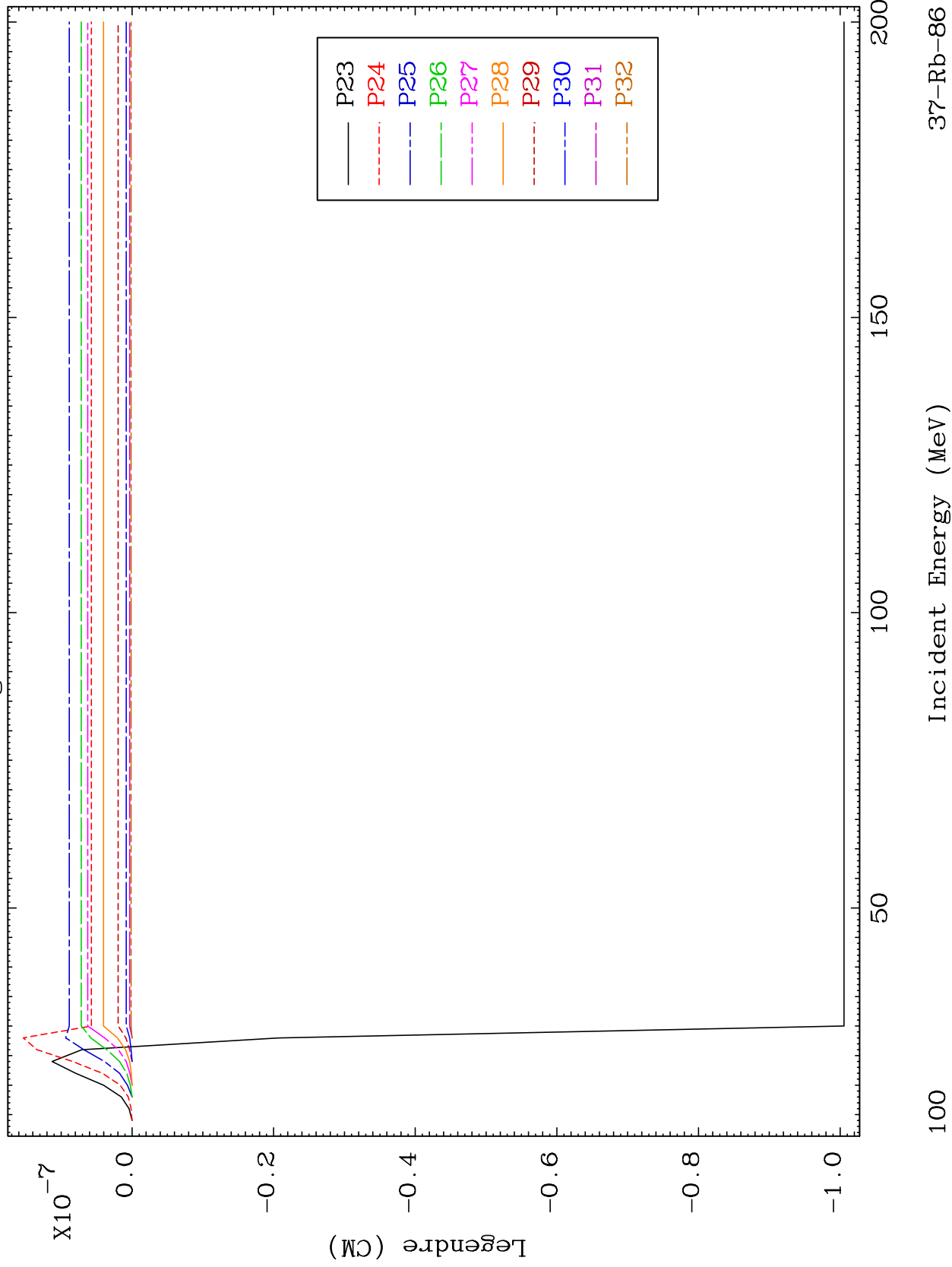




MAT 3728

1.684 MeV (n,n') Level
Legendre Coefficients

37-Rb-86



100

Incident Energy (MeV)

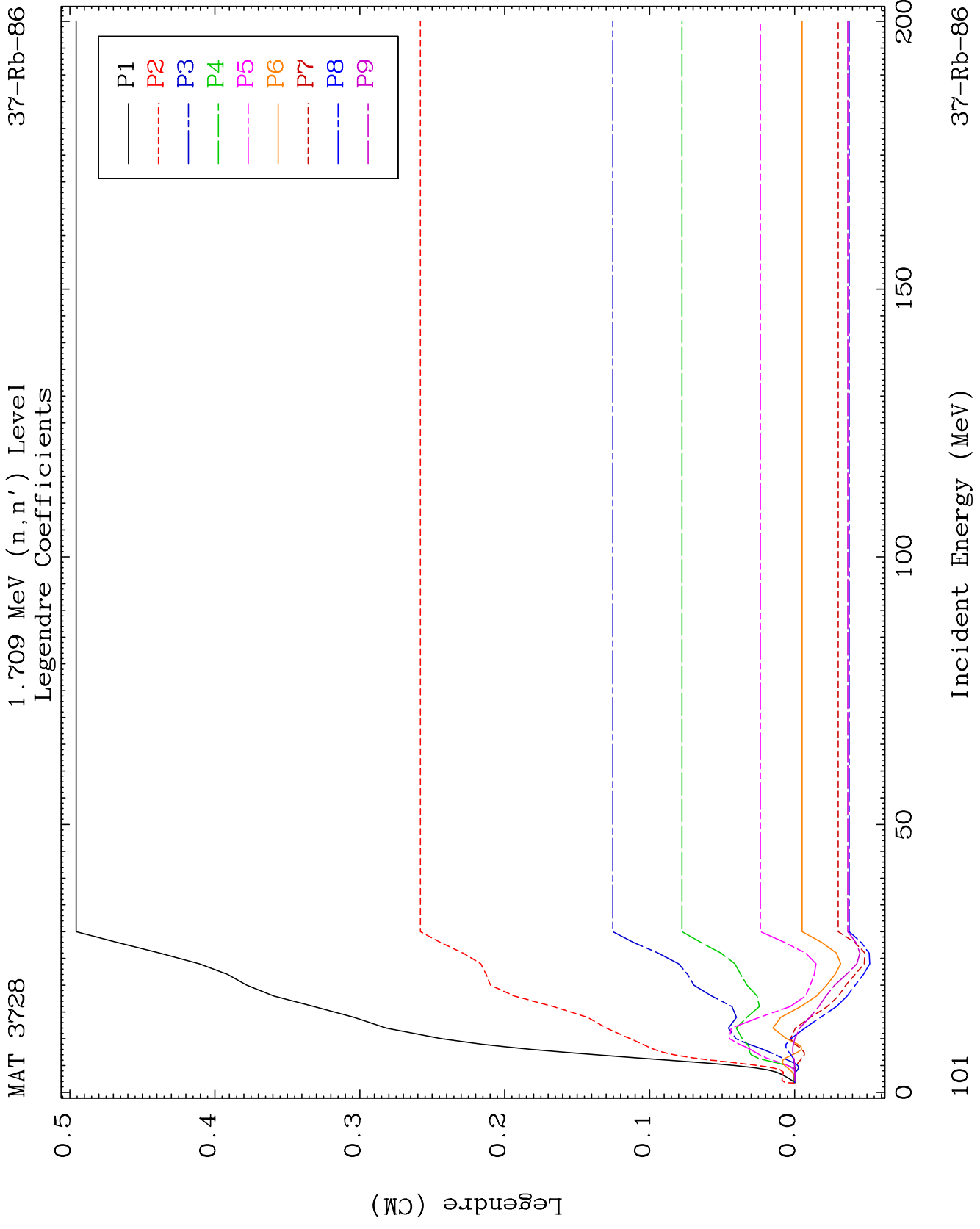
50

100

150

200

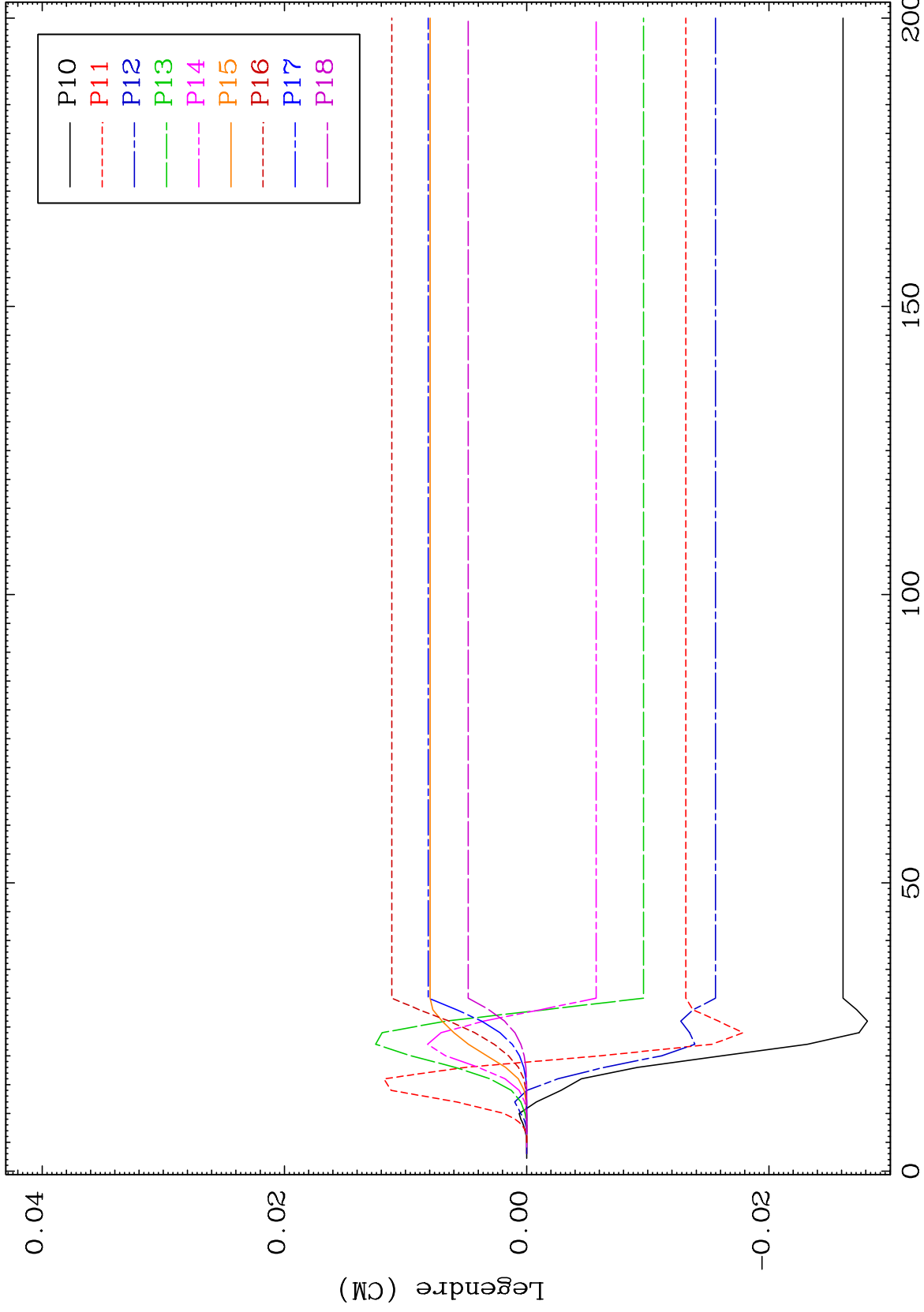
37-Rb-86



MAT 3728

1.709 MeV (n,n') Level
Legendre Coefficients

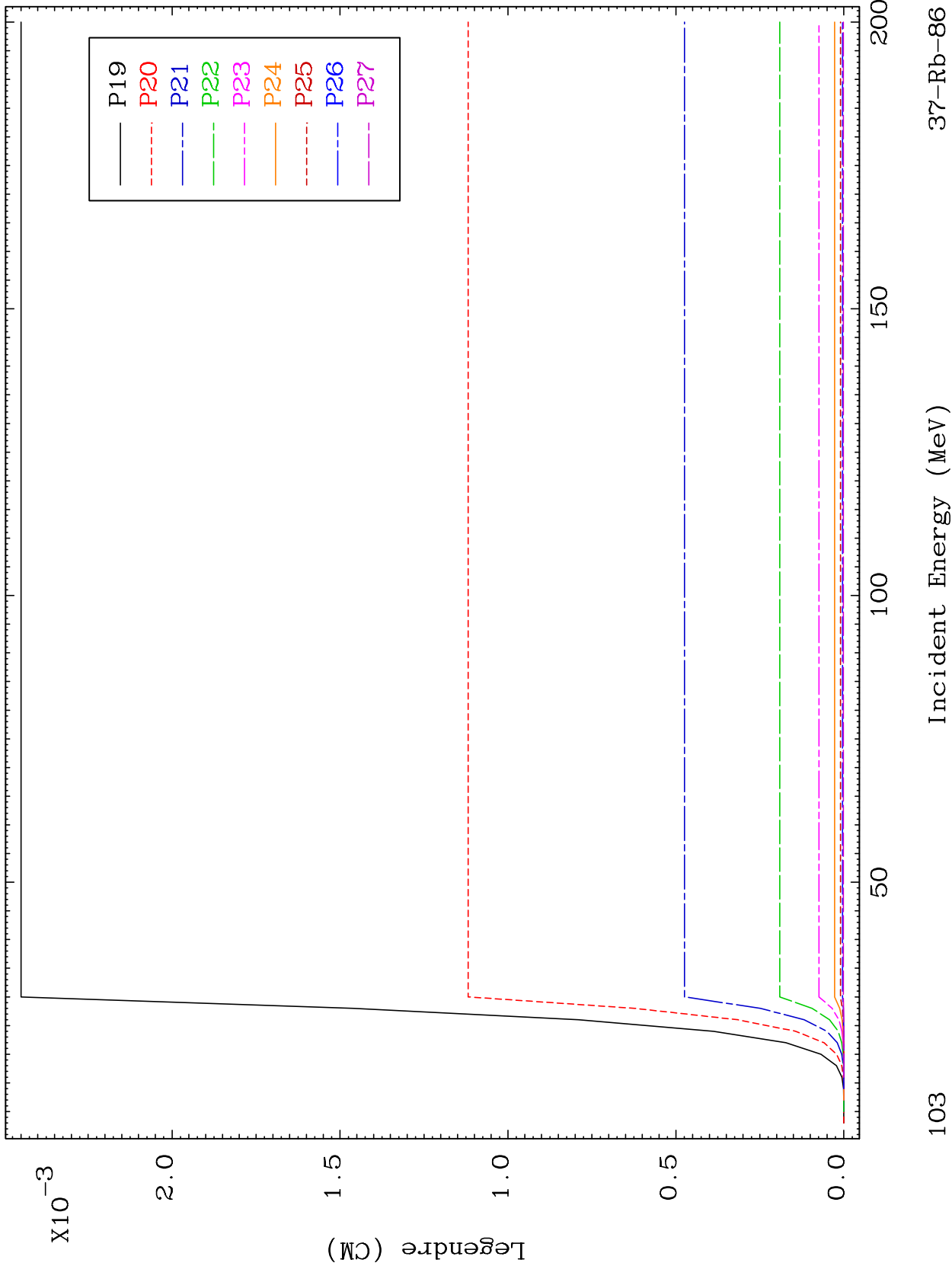
37-Rb-86



102

Incident Energy (MeV)

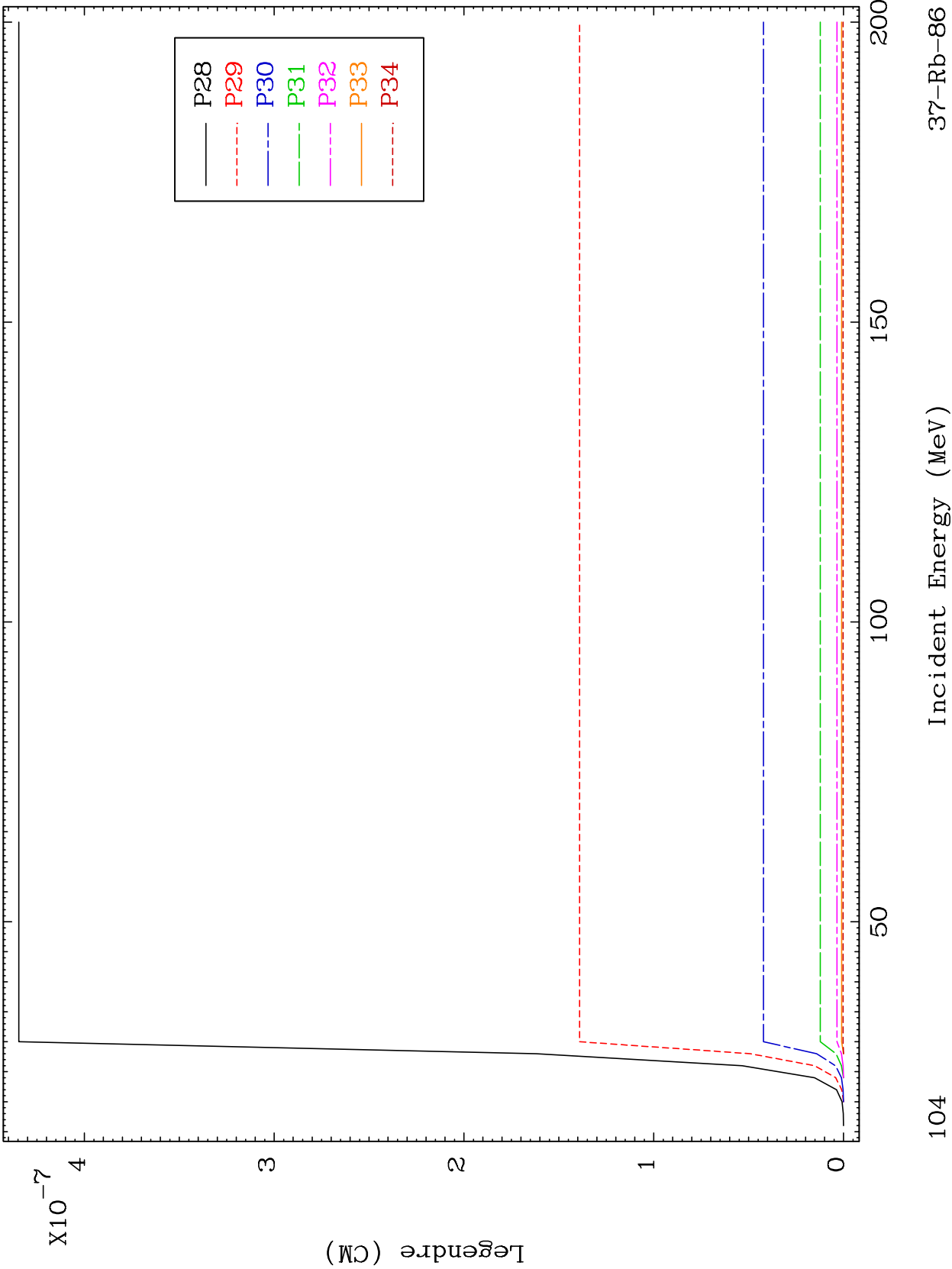
37-Rb-86



MAT 3728

1.709 MeV (n,n') Level
Legendre Coefficients

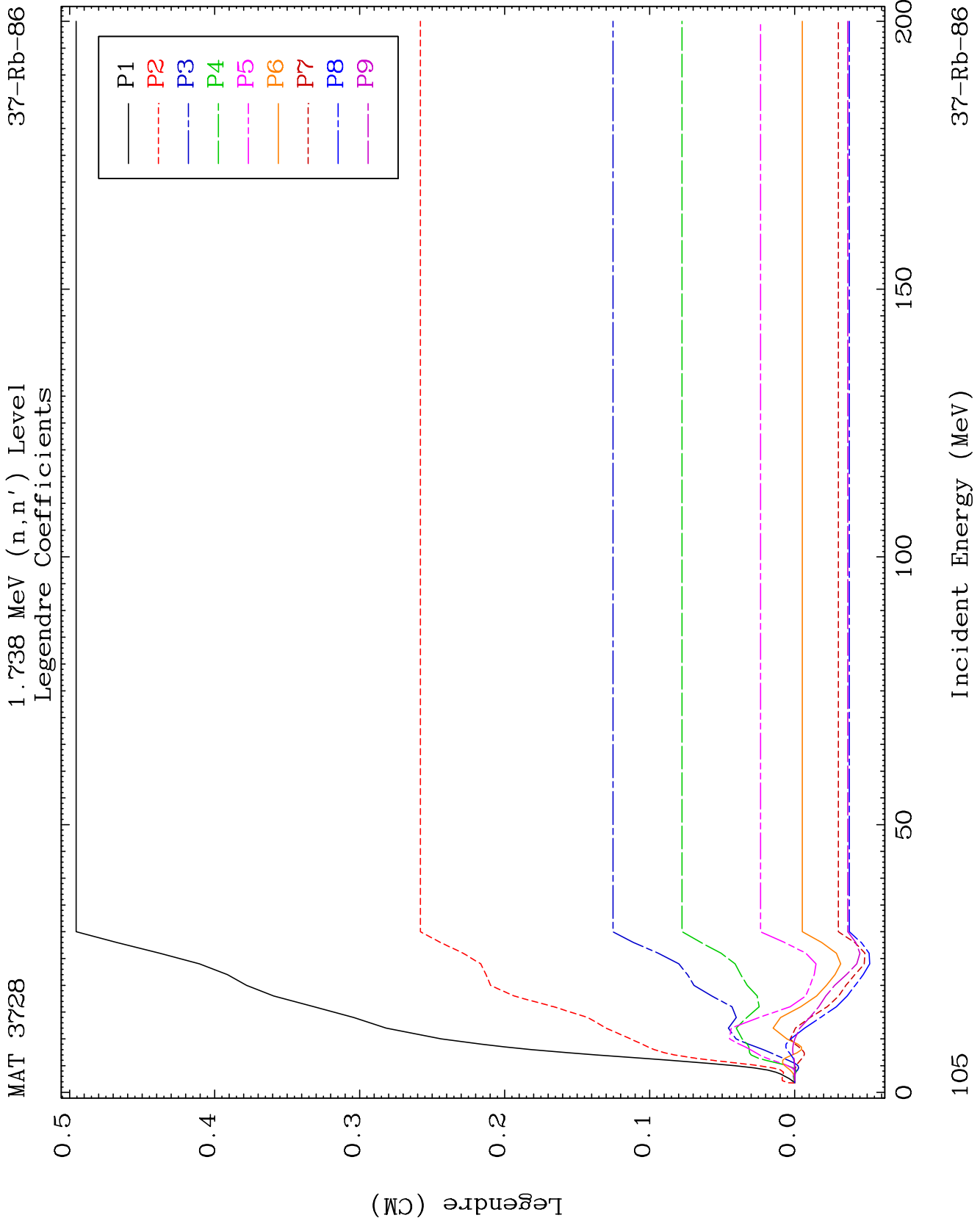
37-Rb-86



104

Incident Energy (MeV)

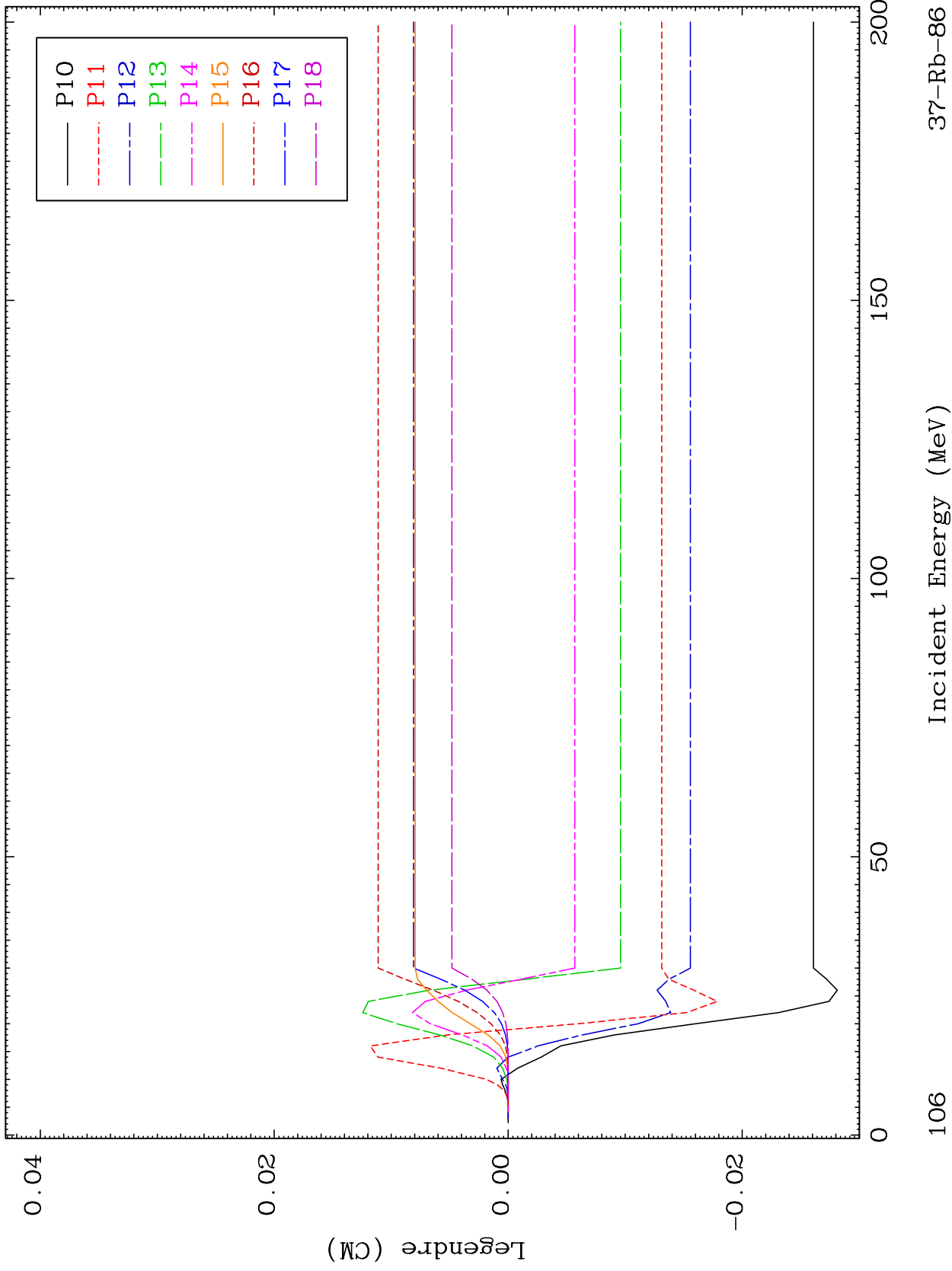
37-Rb-86



MAT 3728

1.738 MeV (n,n') Level
Legendre Coefficients

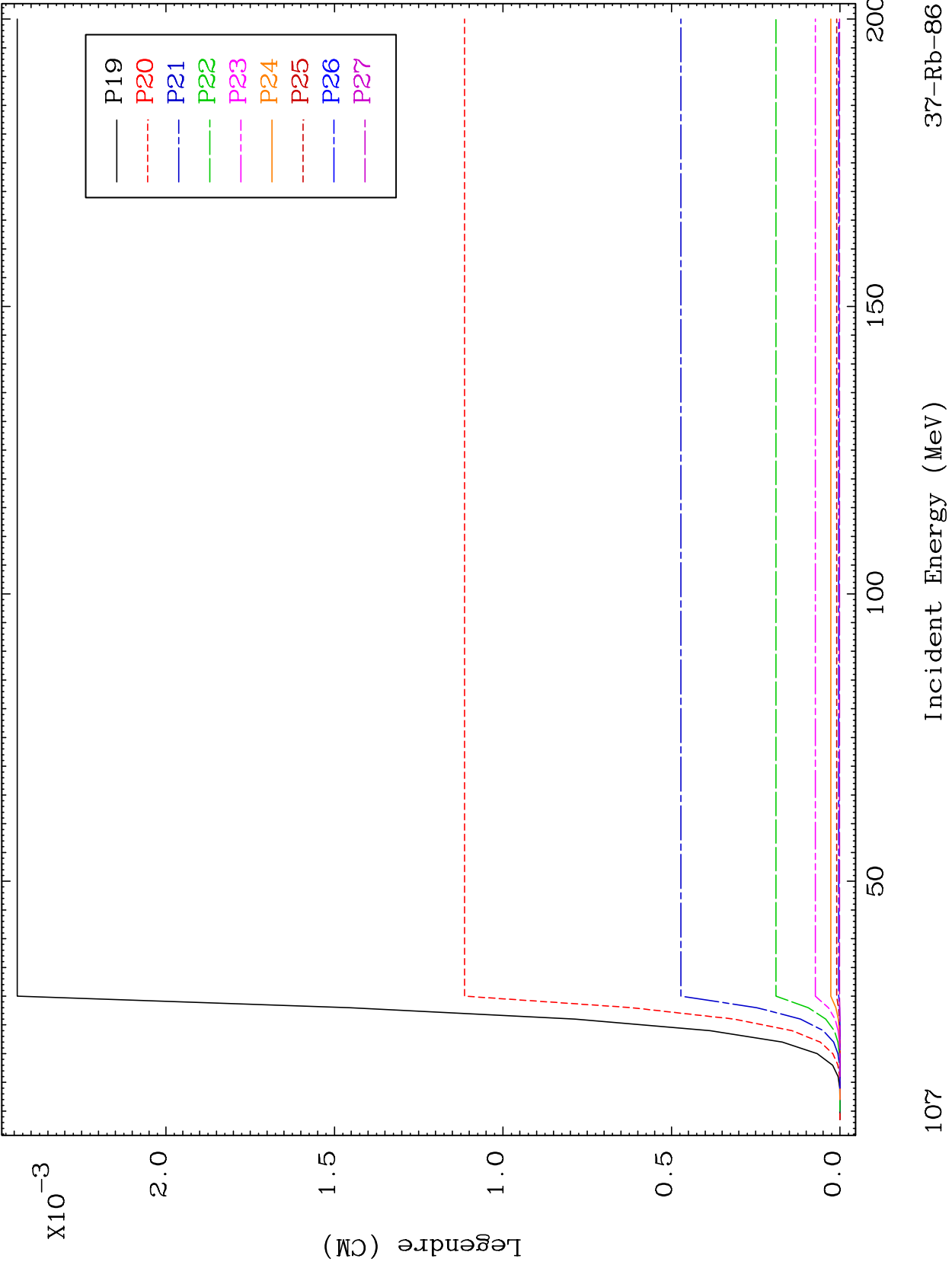
37-Rb-86



106

Incident Energy (MeV)

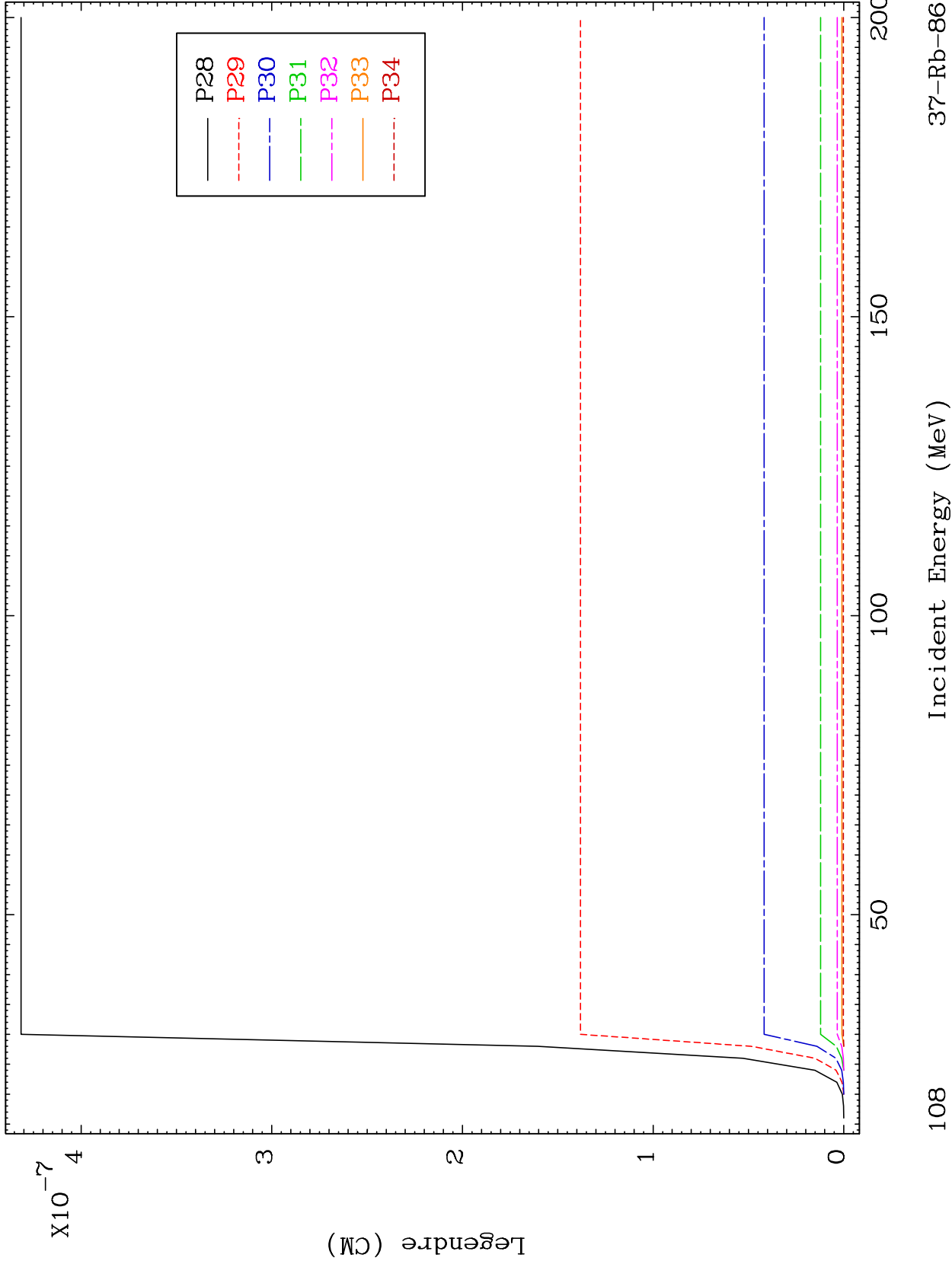
37-Rb-86



MAT 3728

1.738 MeV (n,n') Level
Legendre Coefficients

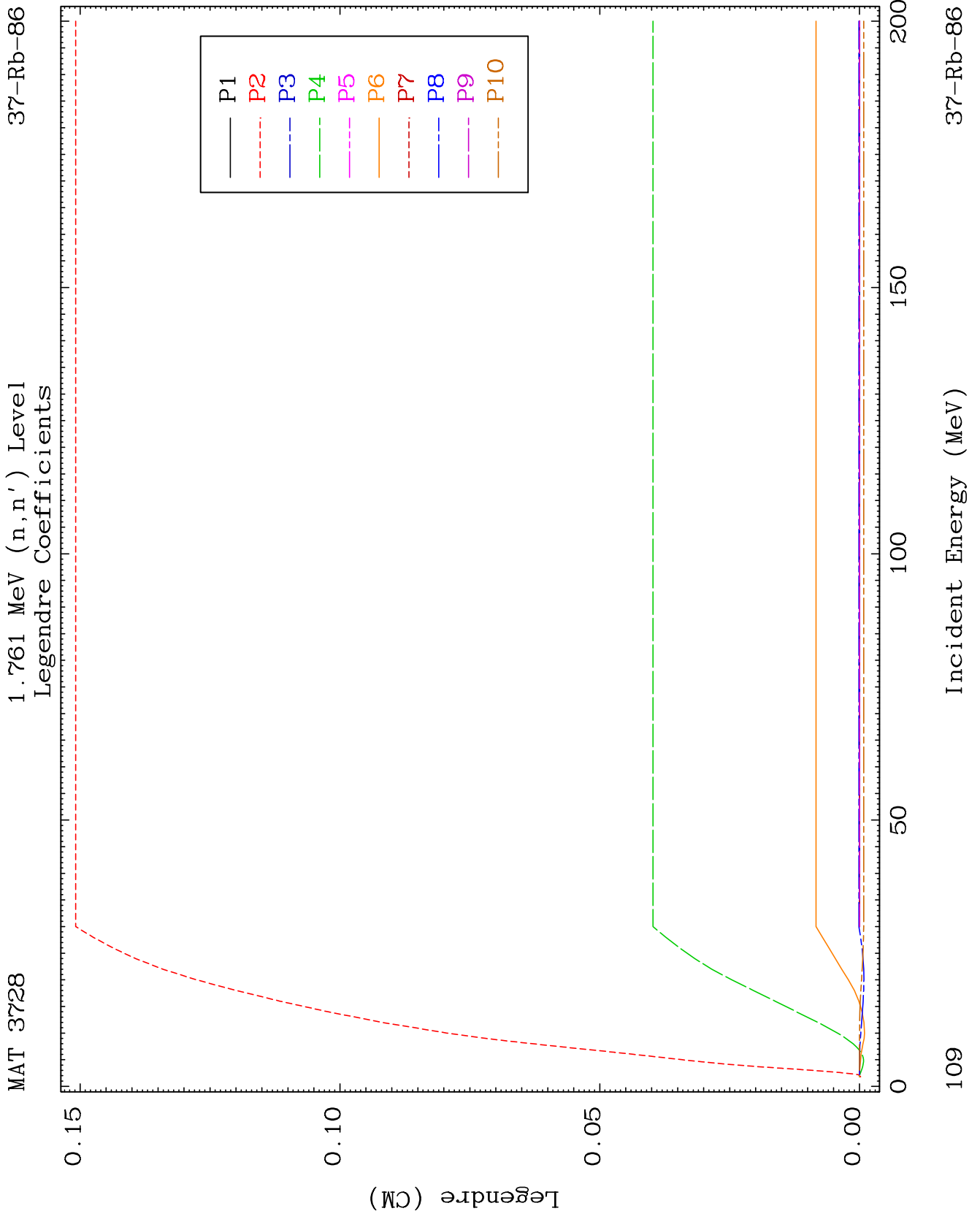
37-Rb-86



108

Incident Energy (MeV)

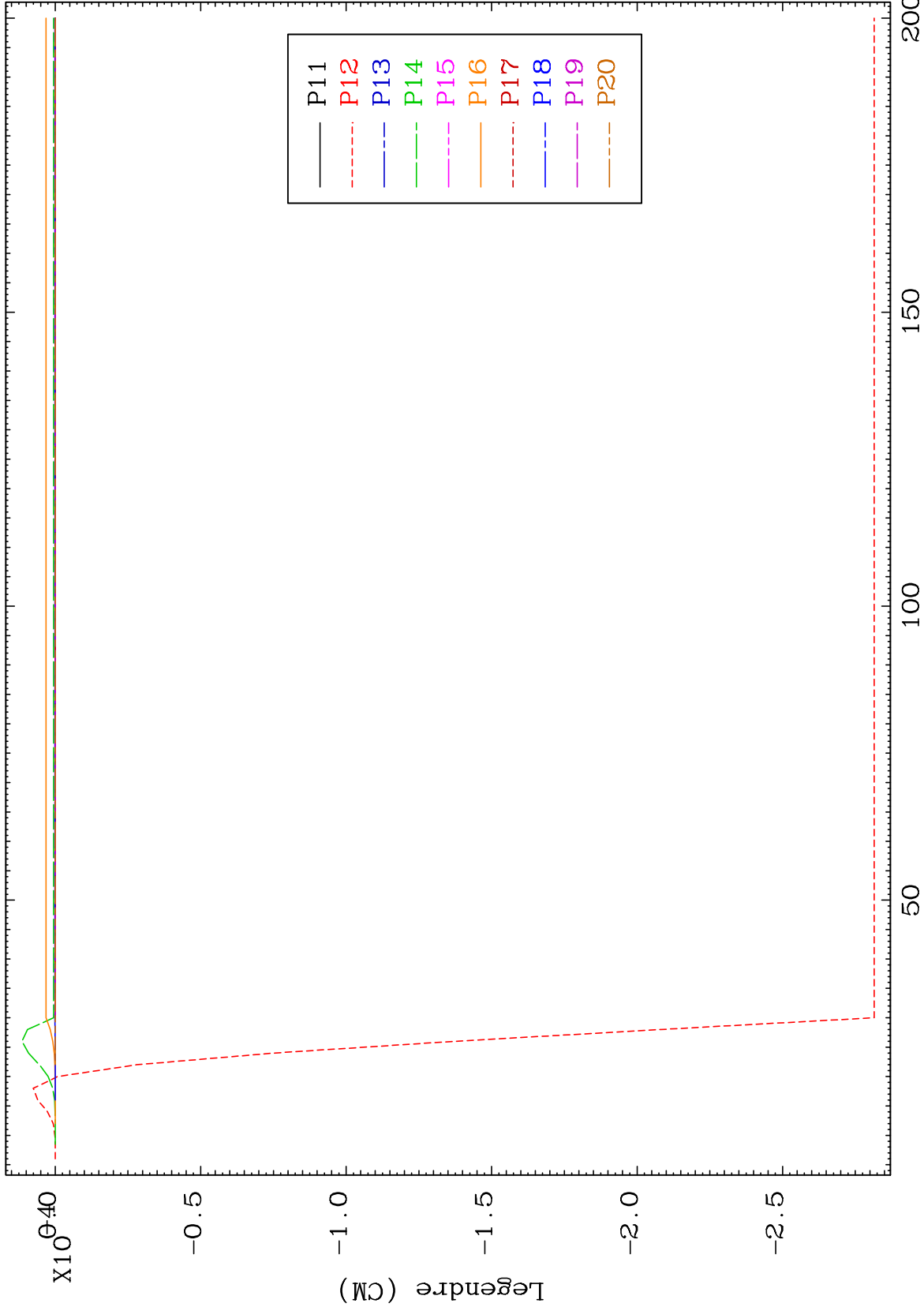
37-Rb-86



MAT 3728

1.761 MeV (n, n') Level
Legendre Coefficients

37-Rb-86



110

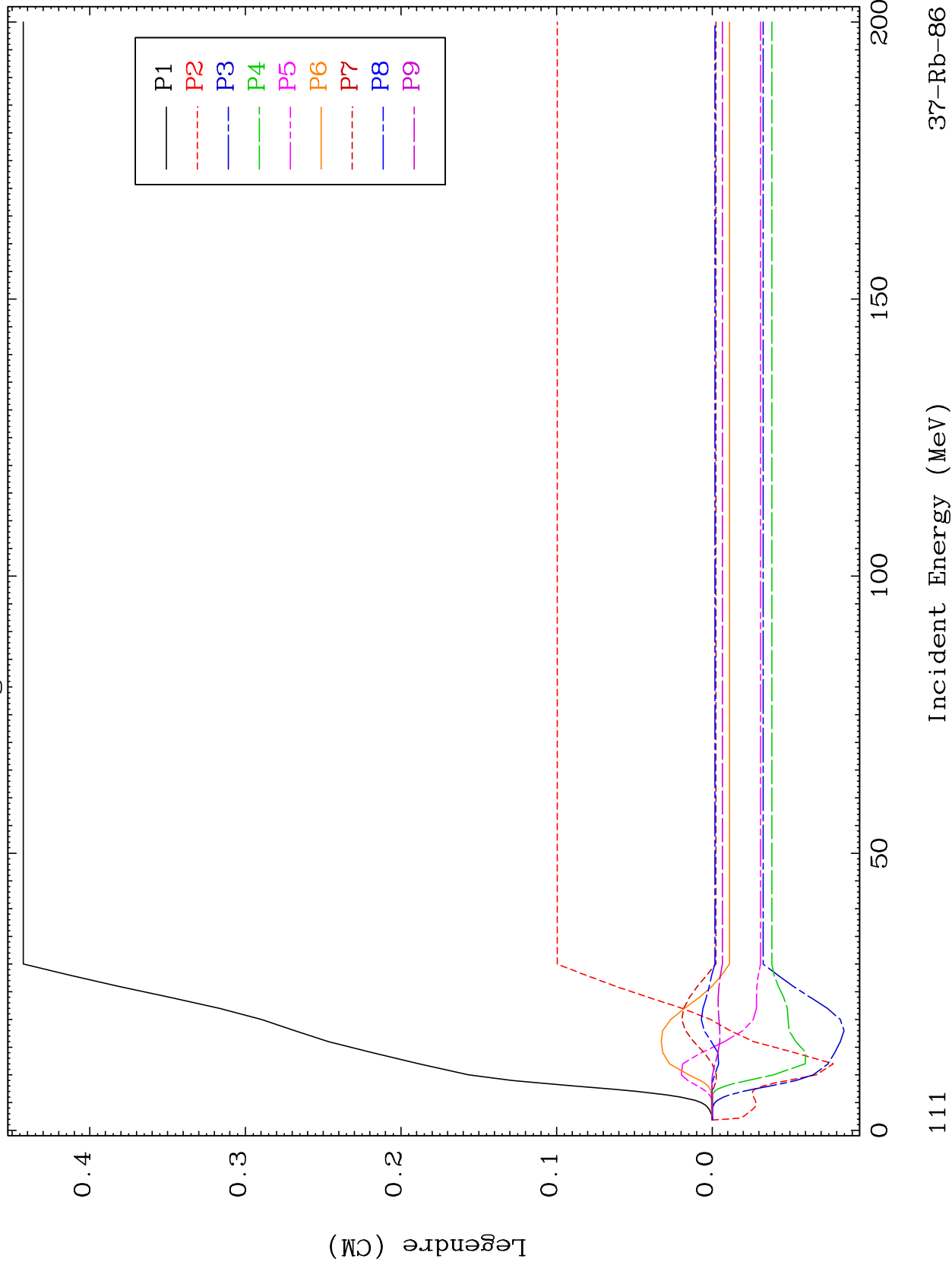
Incident Energy (MeV)

37-Rb-86

MAT 3728

1.820 MeV (n,n') Level
Legendre Coefficients

37-Rb-86

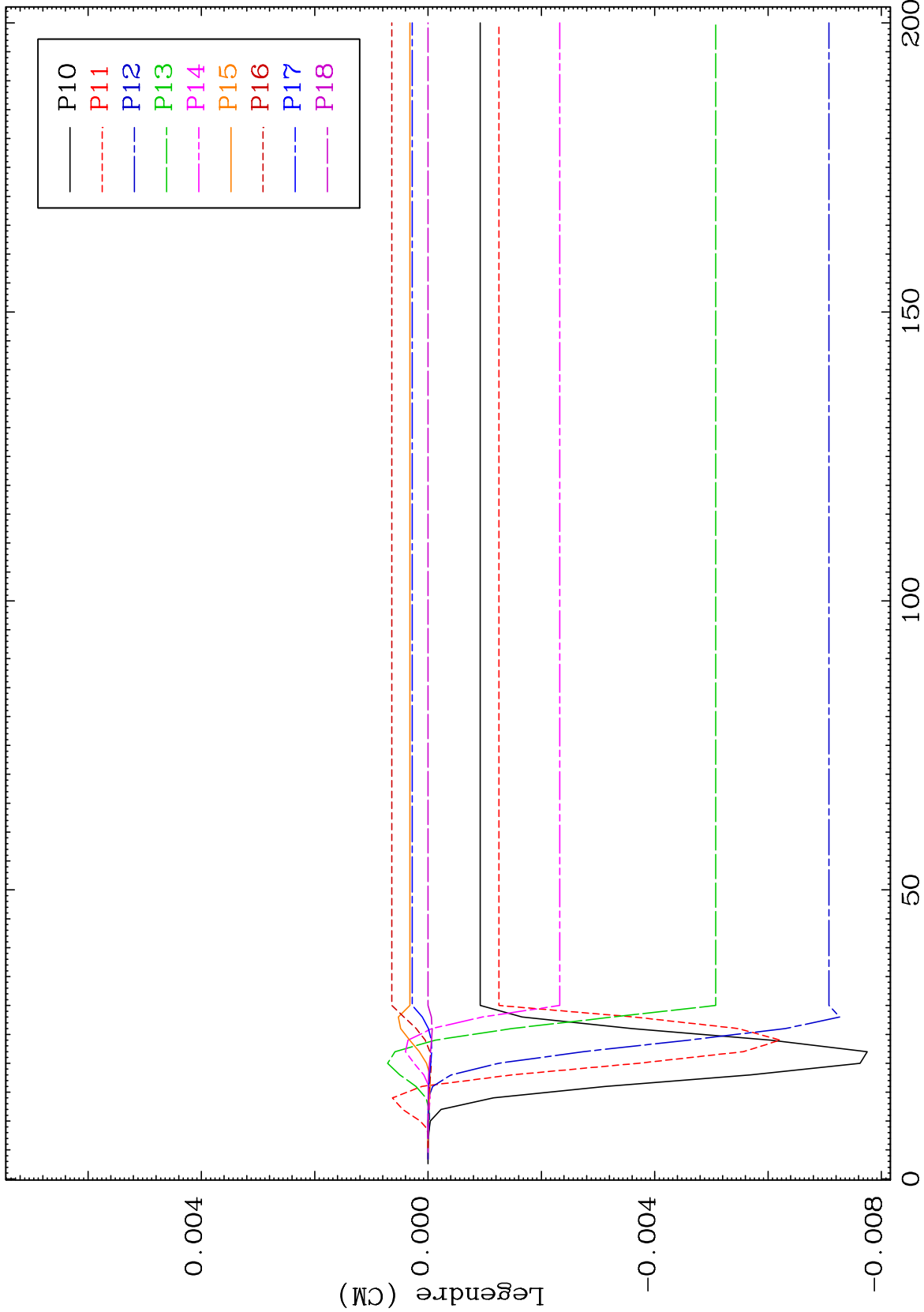


37-Rb-86

MAT 3728

1.820 MeV (n,n') Level
Legendre Coefficients

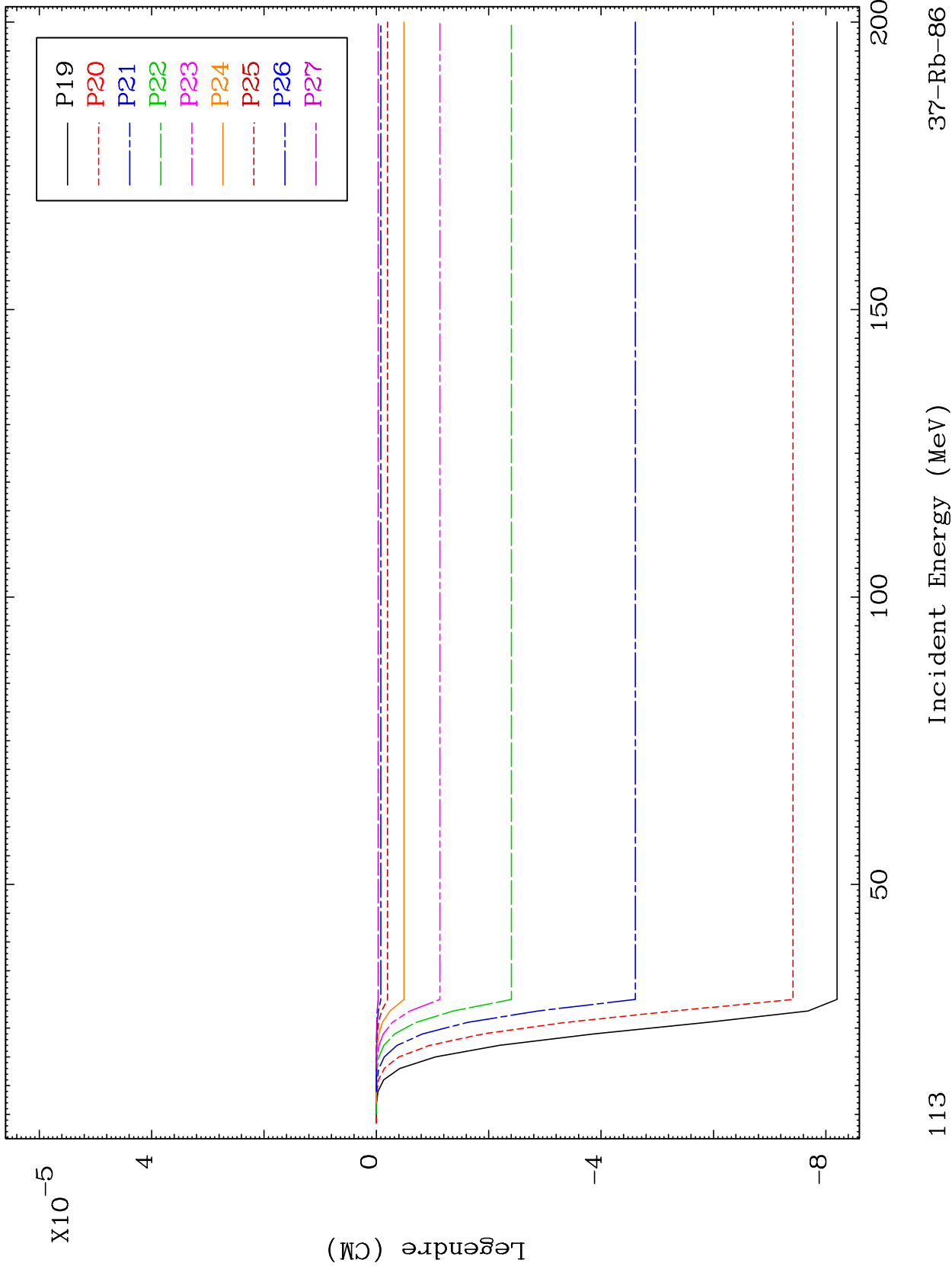
37-Rb-86

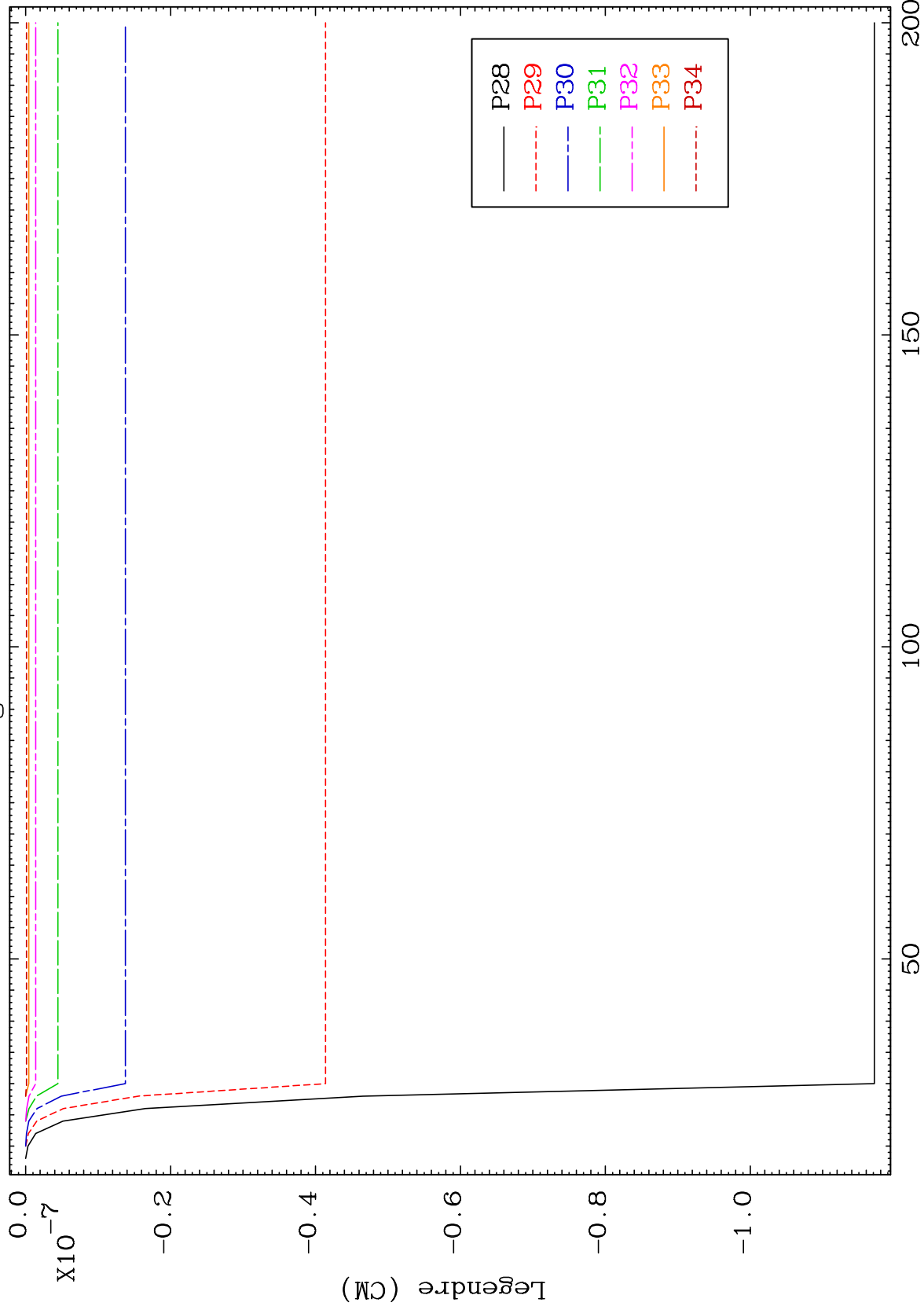


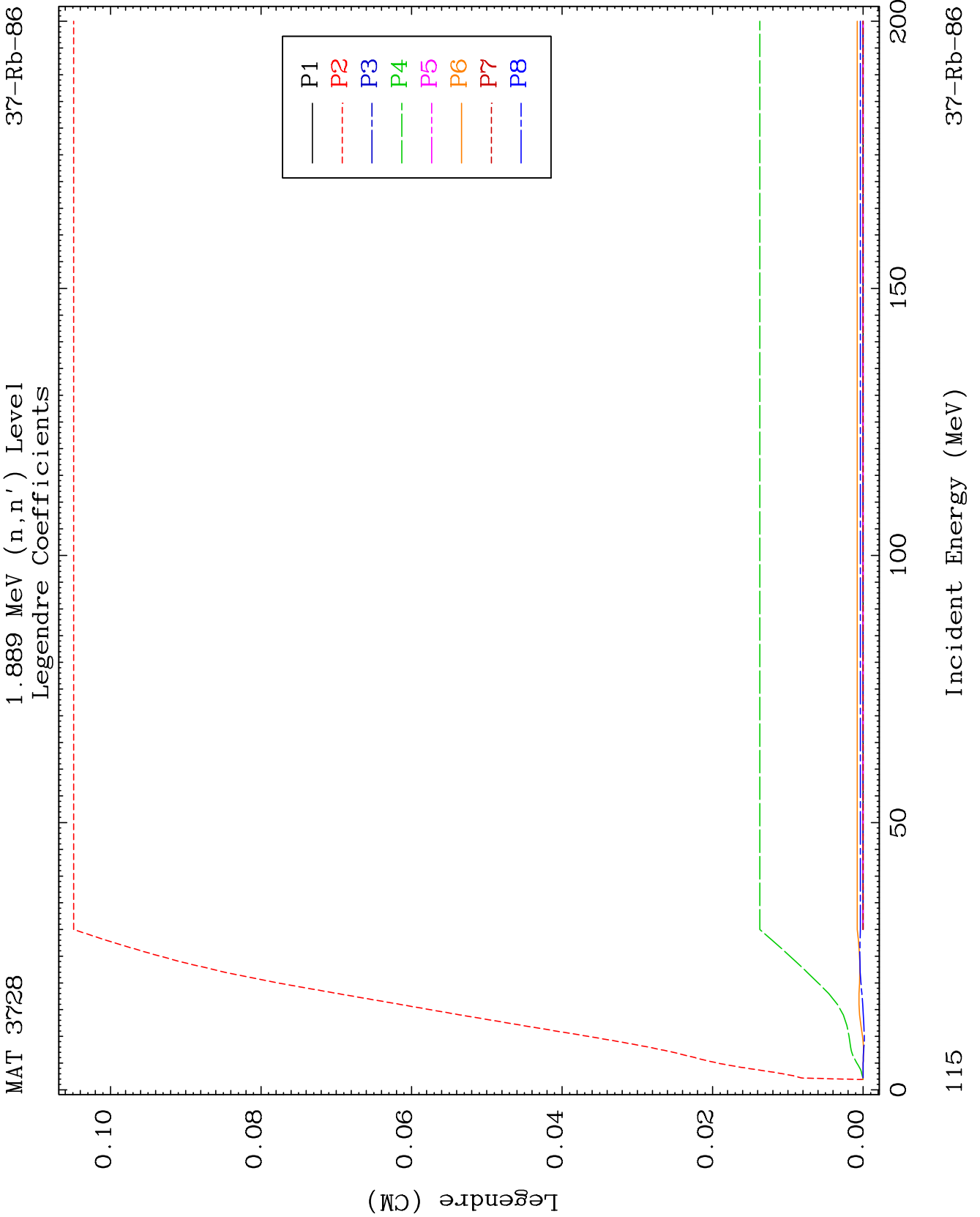
112

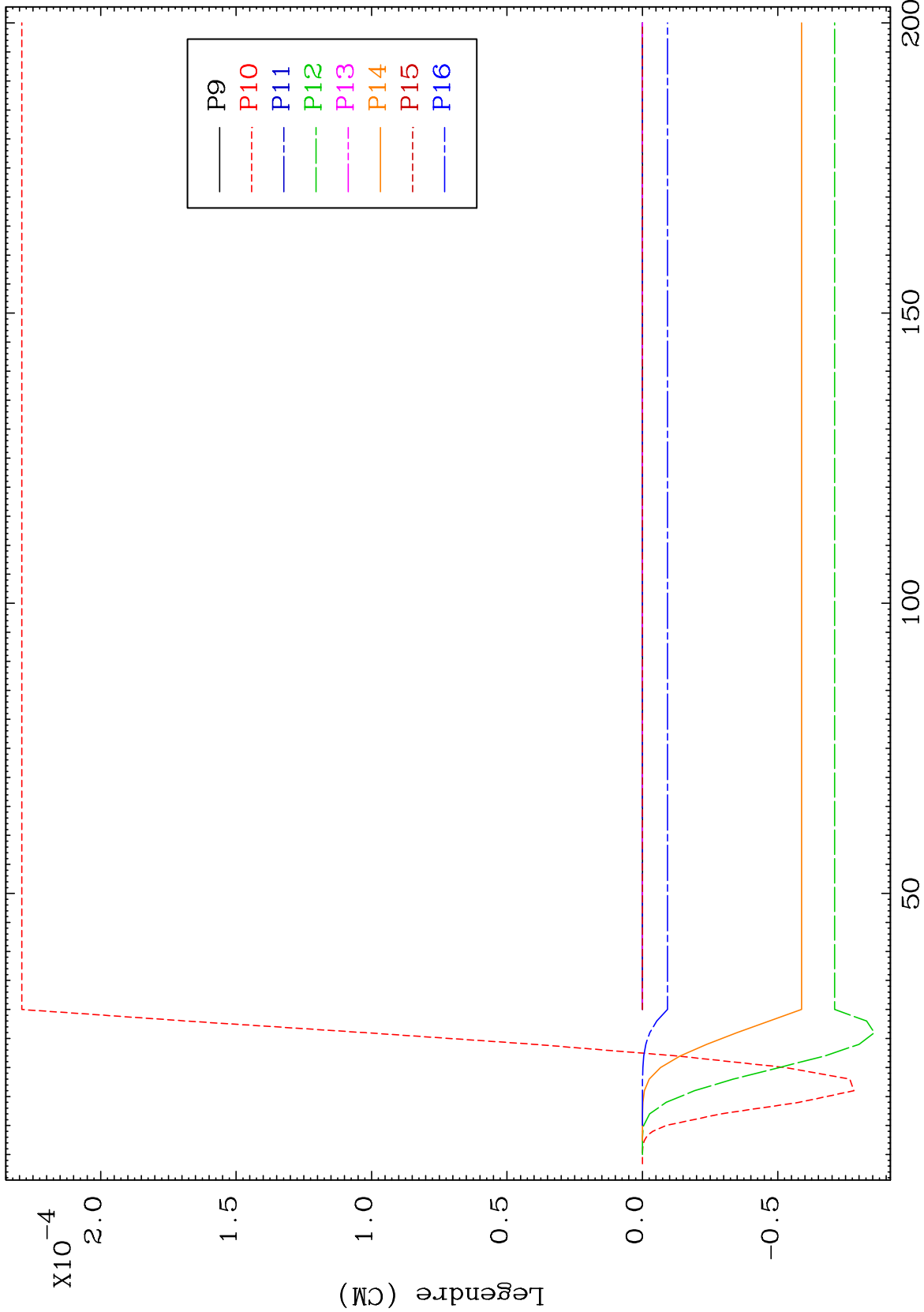
Incident Energy (MeV)

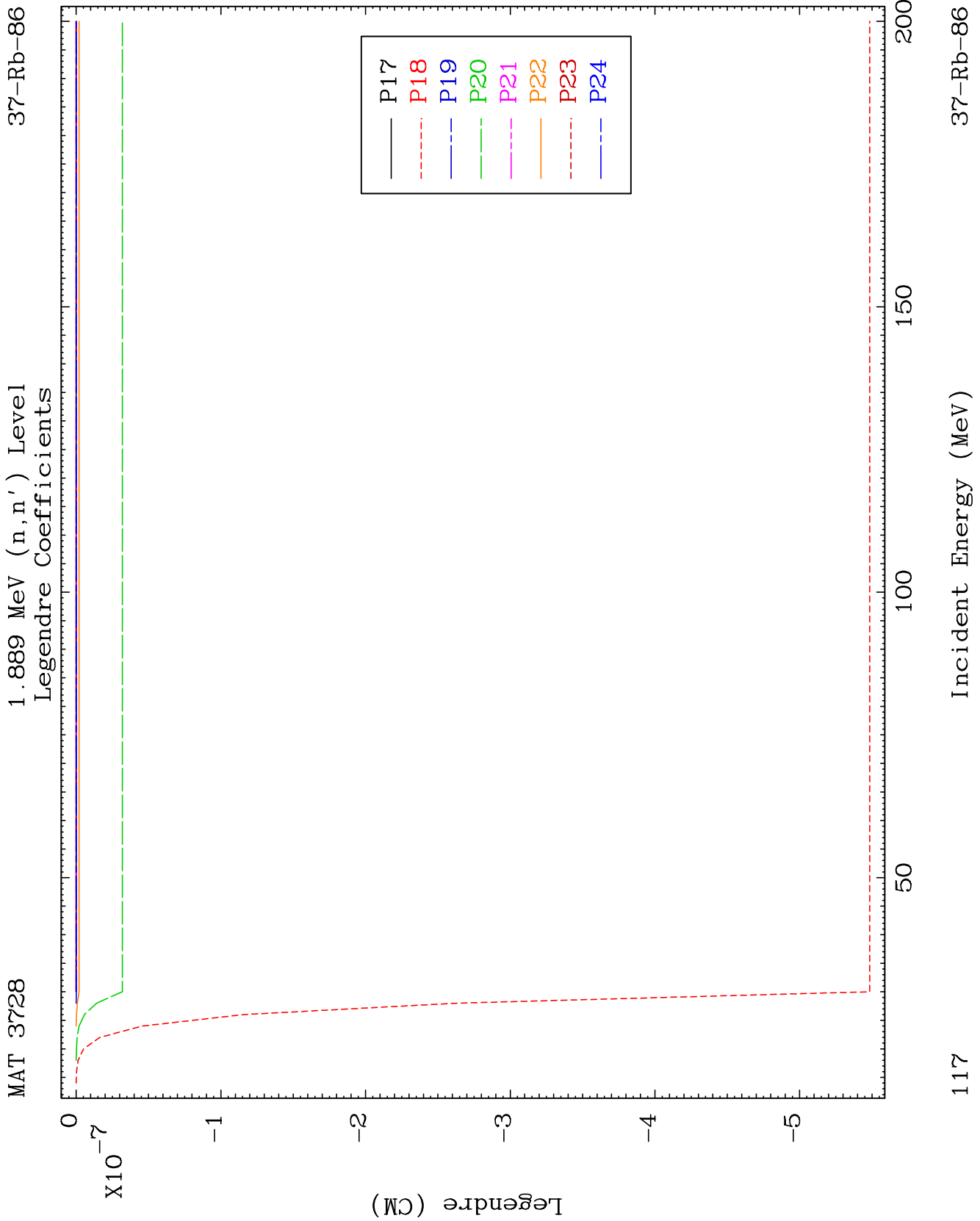
37-Rb-86







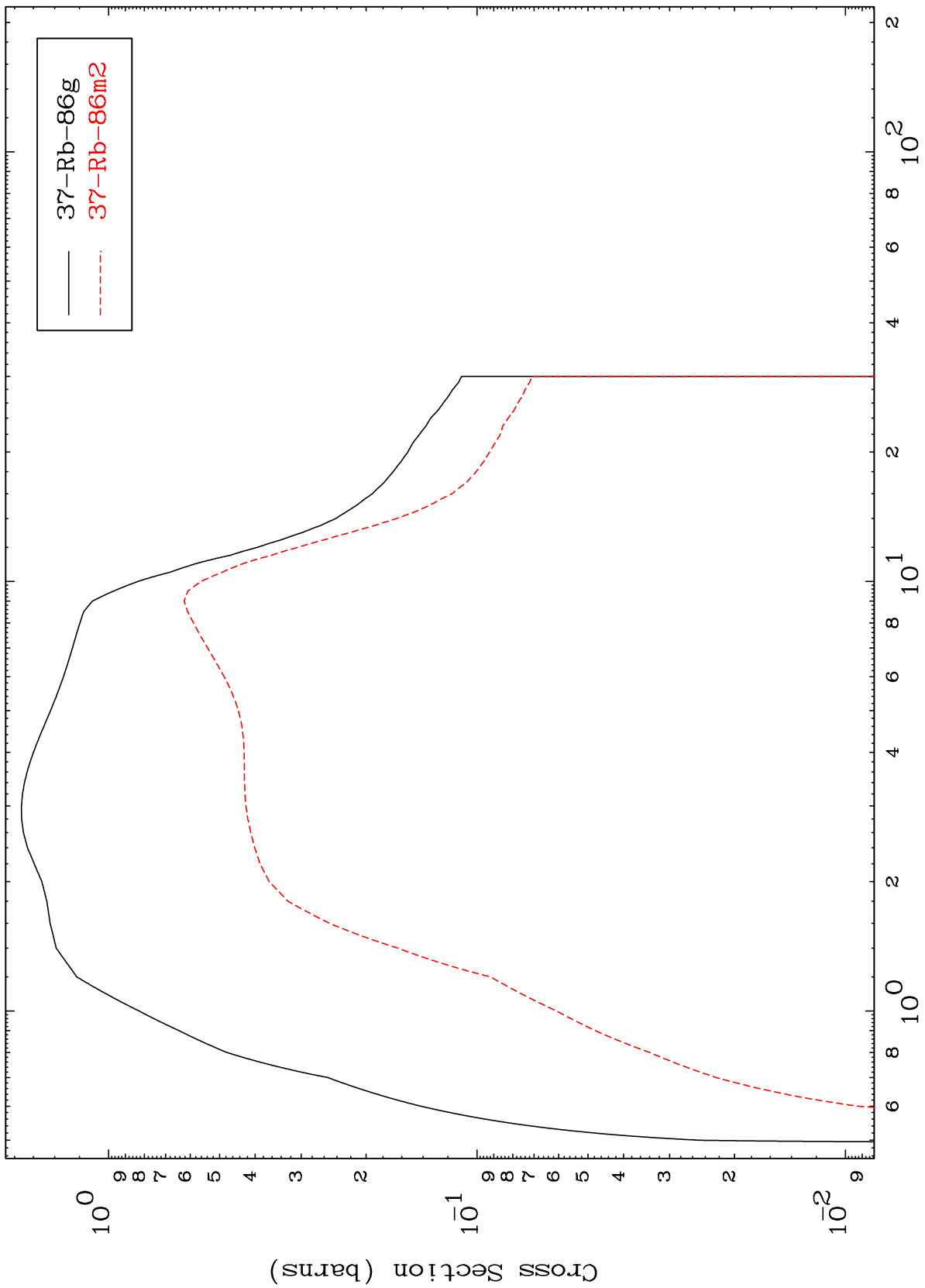




MAT 3728

³⁷Rb-86

Inelastic
Radionuclide Production Cross Section

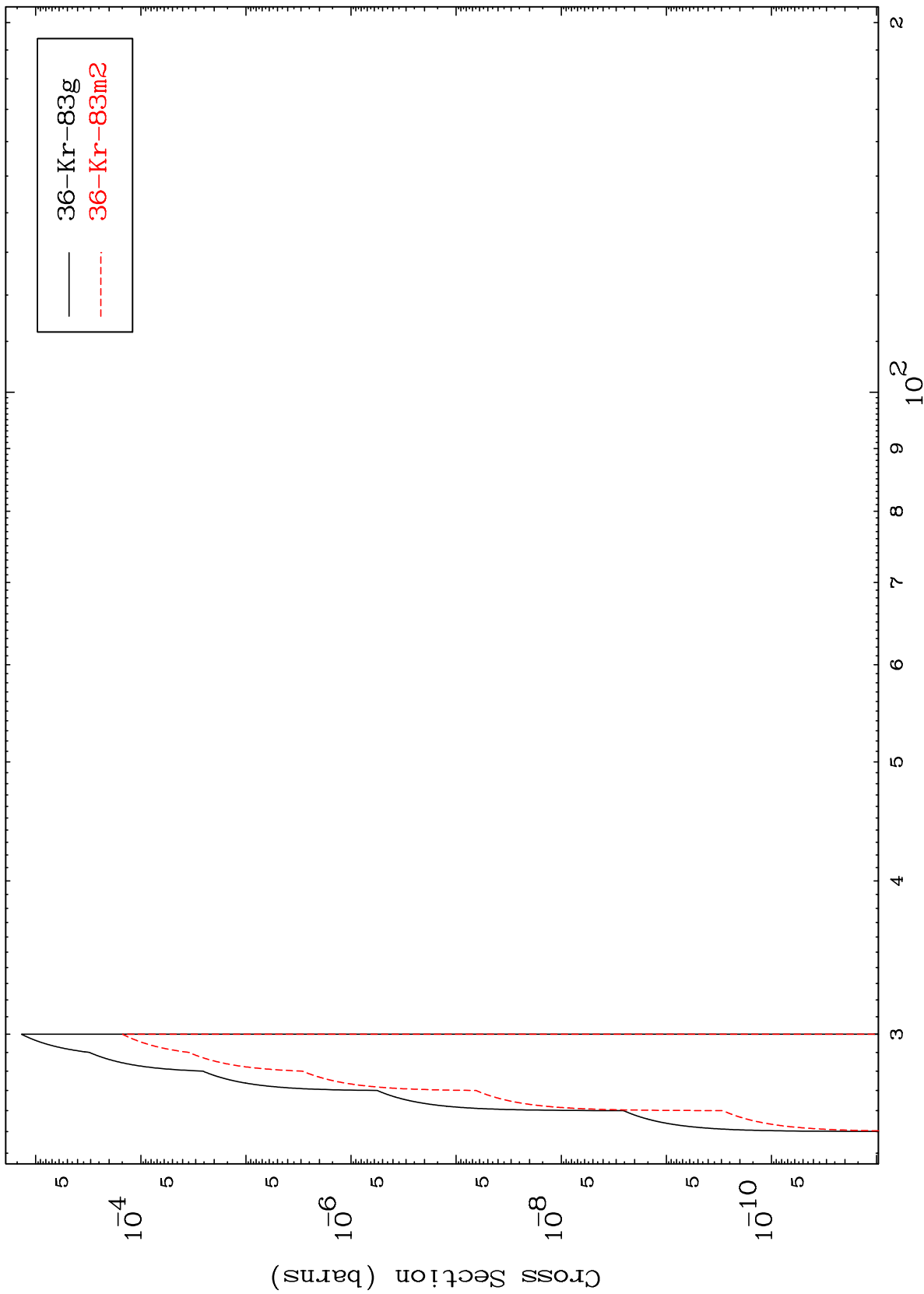


118

Incident Energy (MeV)

³⁷Rb-86

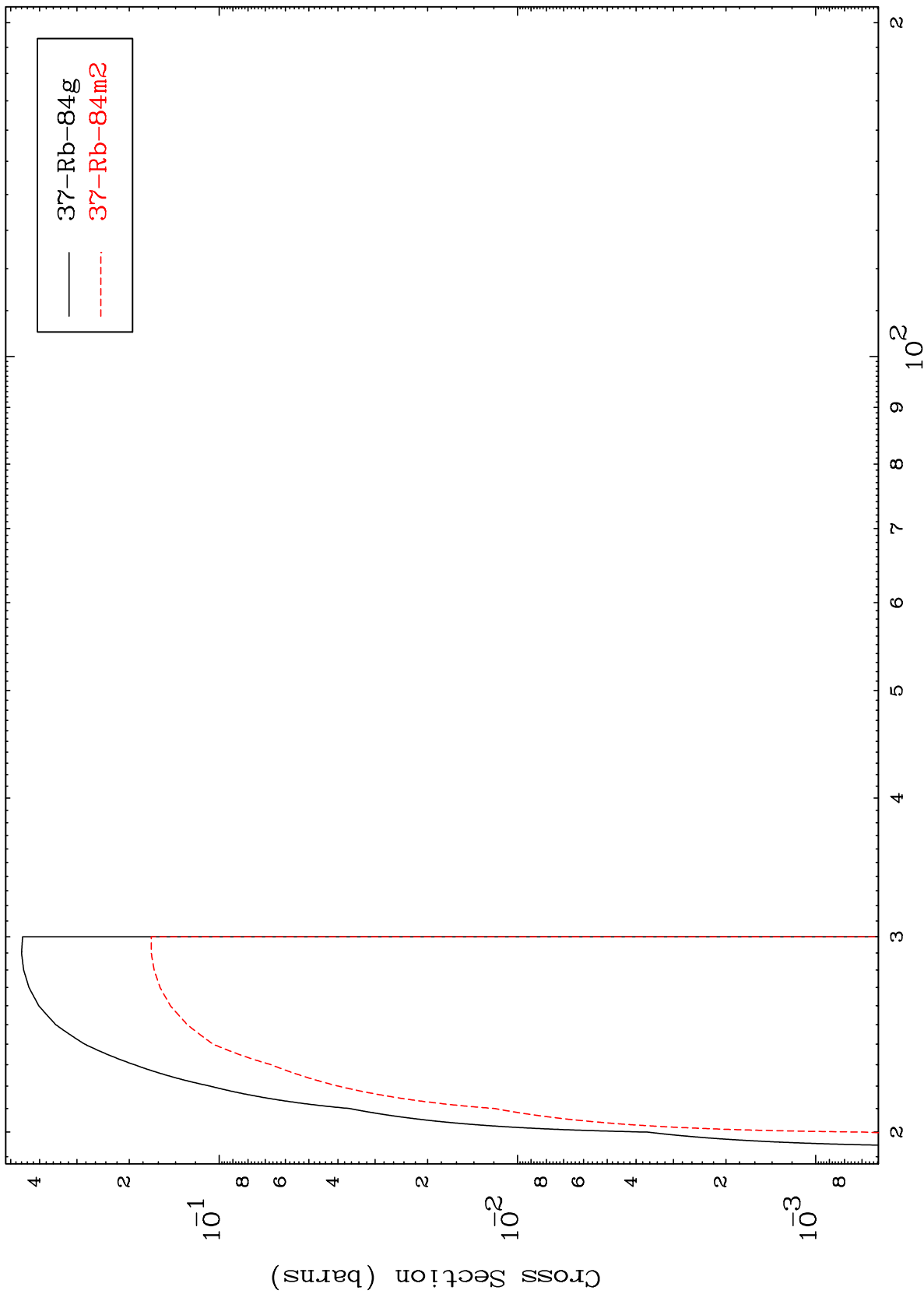
Radionuclide Production Cross Section



MAT 3728

37-Rb-86

(n,3n)
Radionuclide Production Cross Section



37-Rb-86

Incident Energy (MeV)

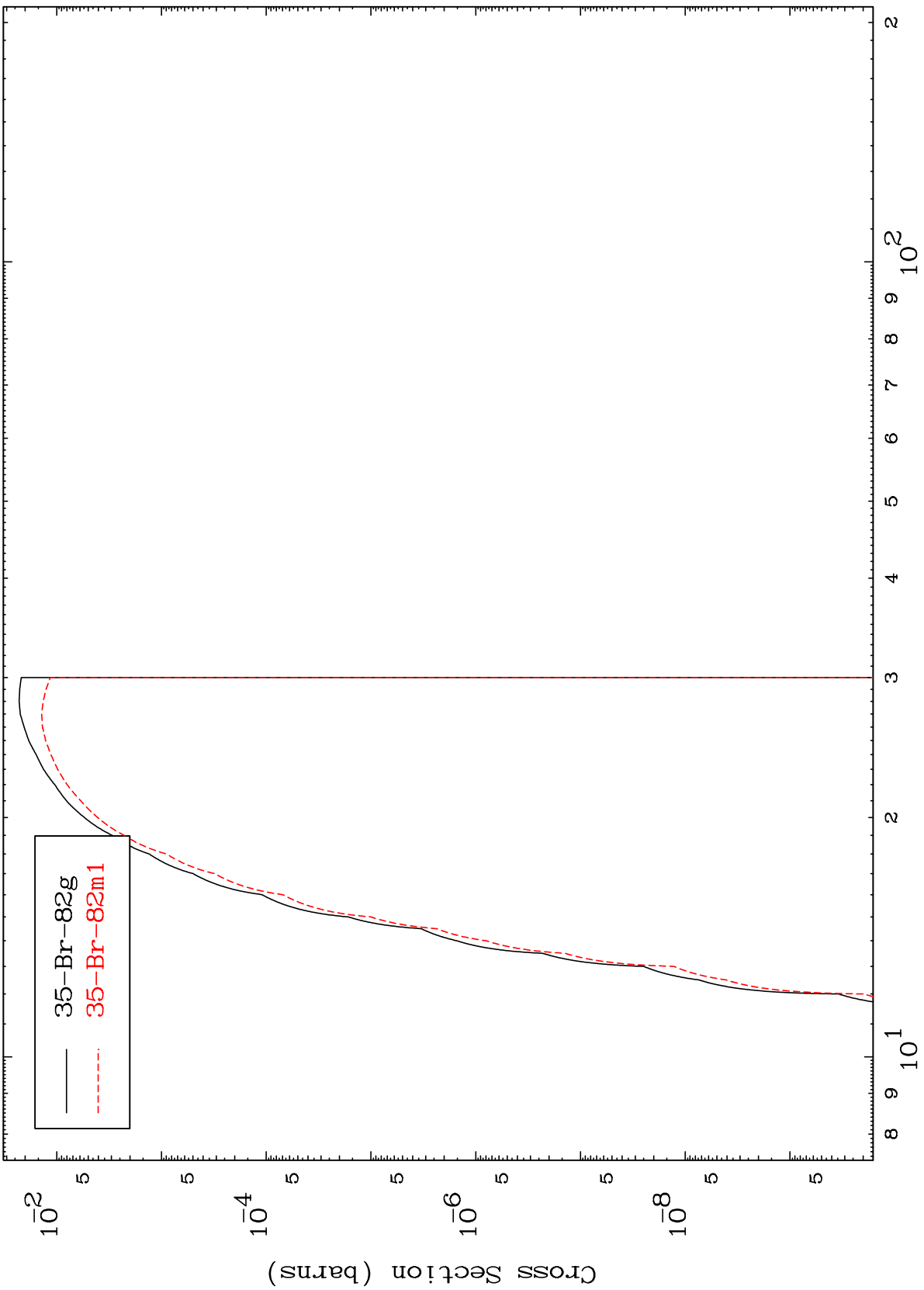
120

MAT 3728

37-Rb-86

(n,n') α

Radionuclide Production Cross Section



121

Incident Energy (MeV)

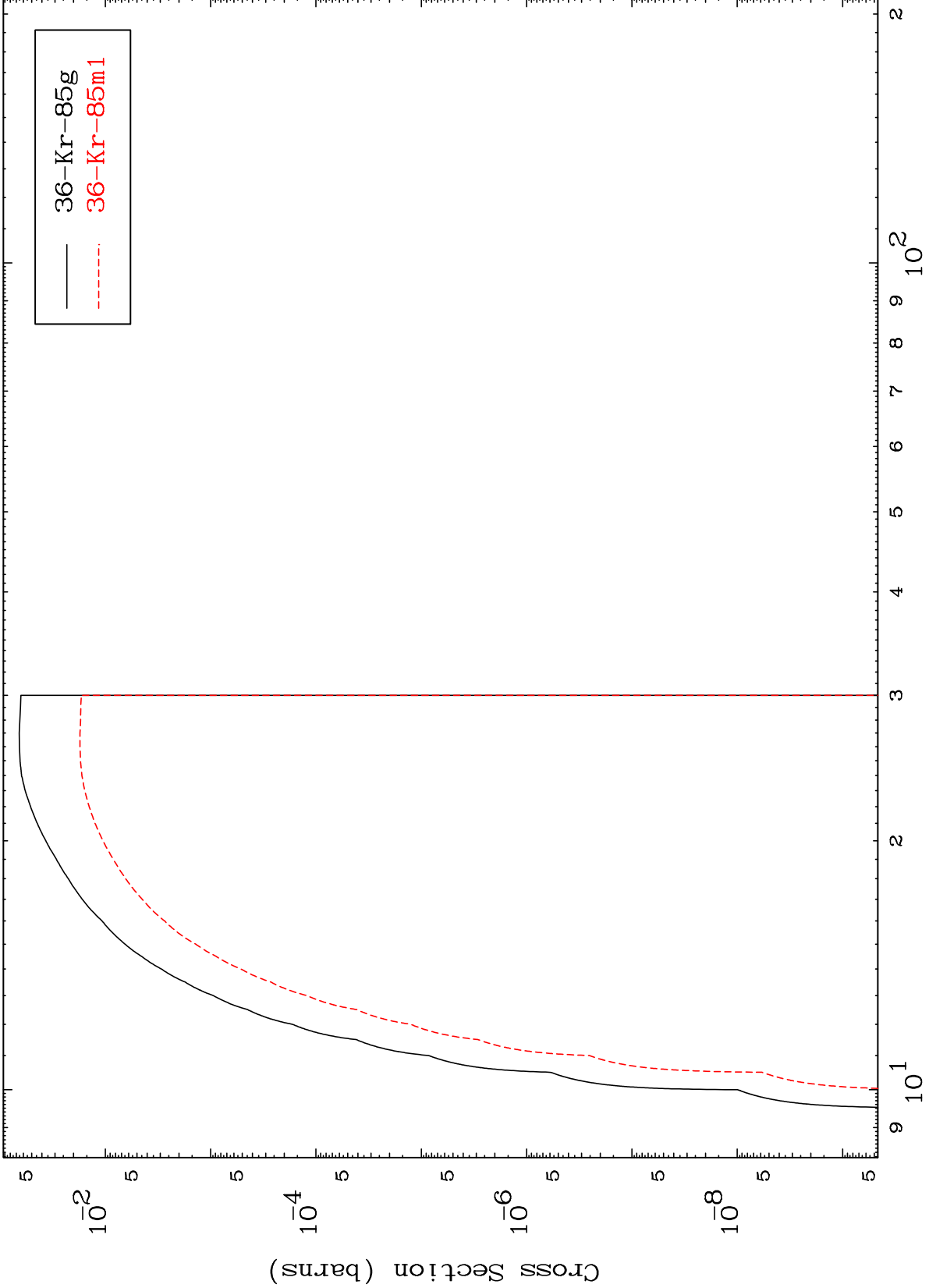
37-Rb-86

MAT 3728

(n,n') p

37-Rb-86

Radionuclide Production Cross Section

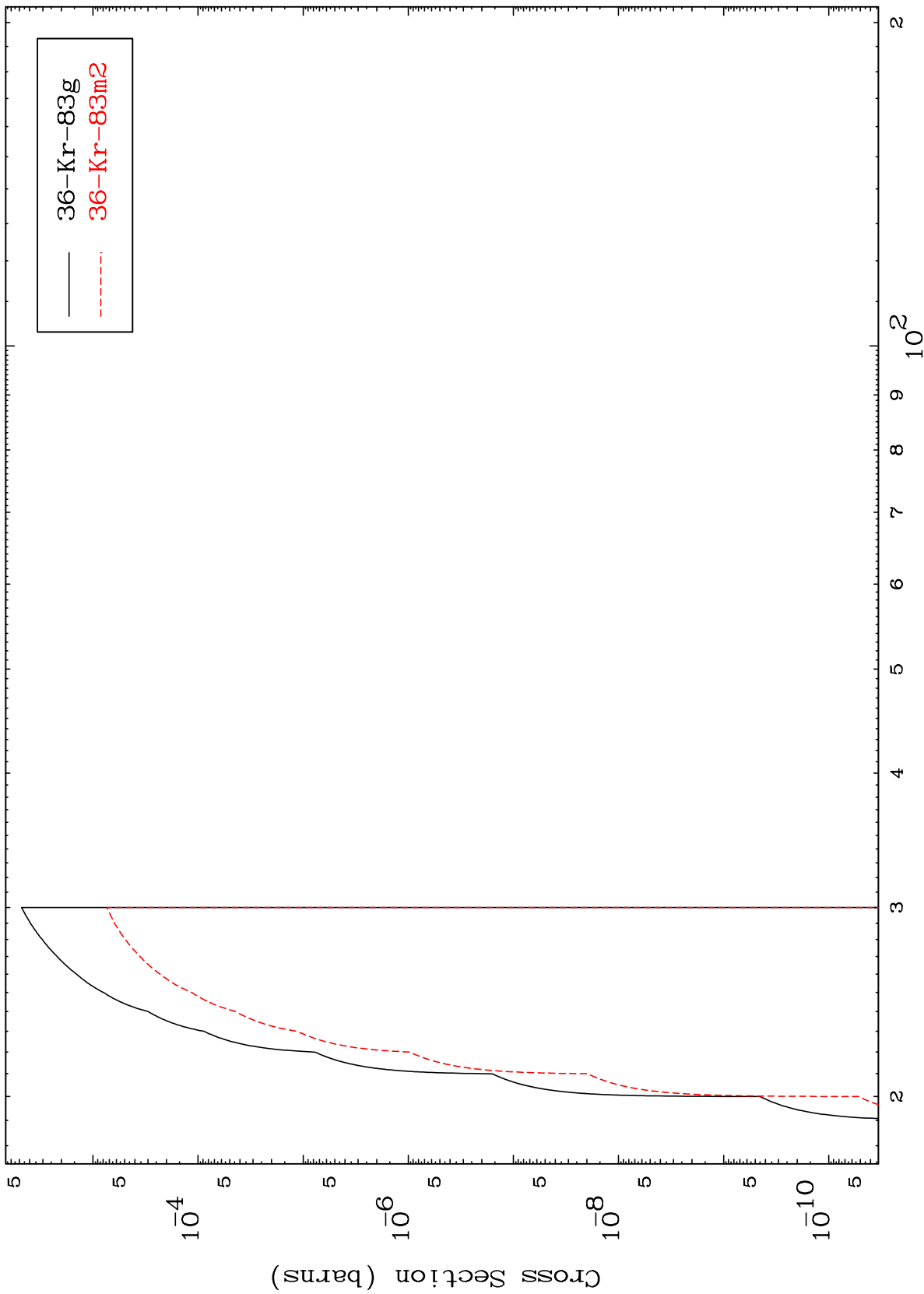


122

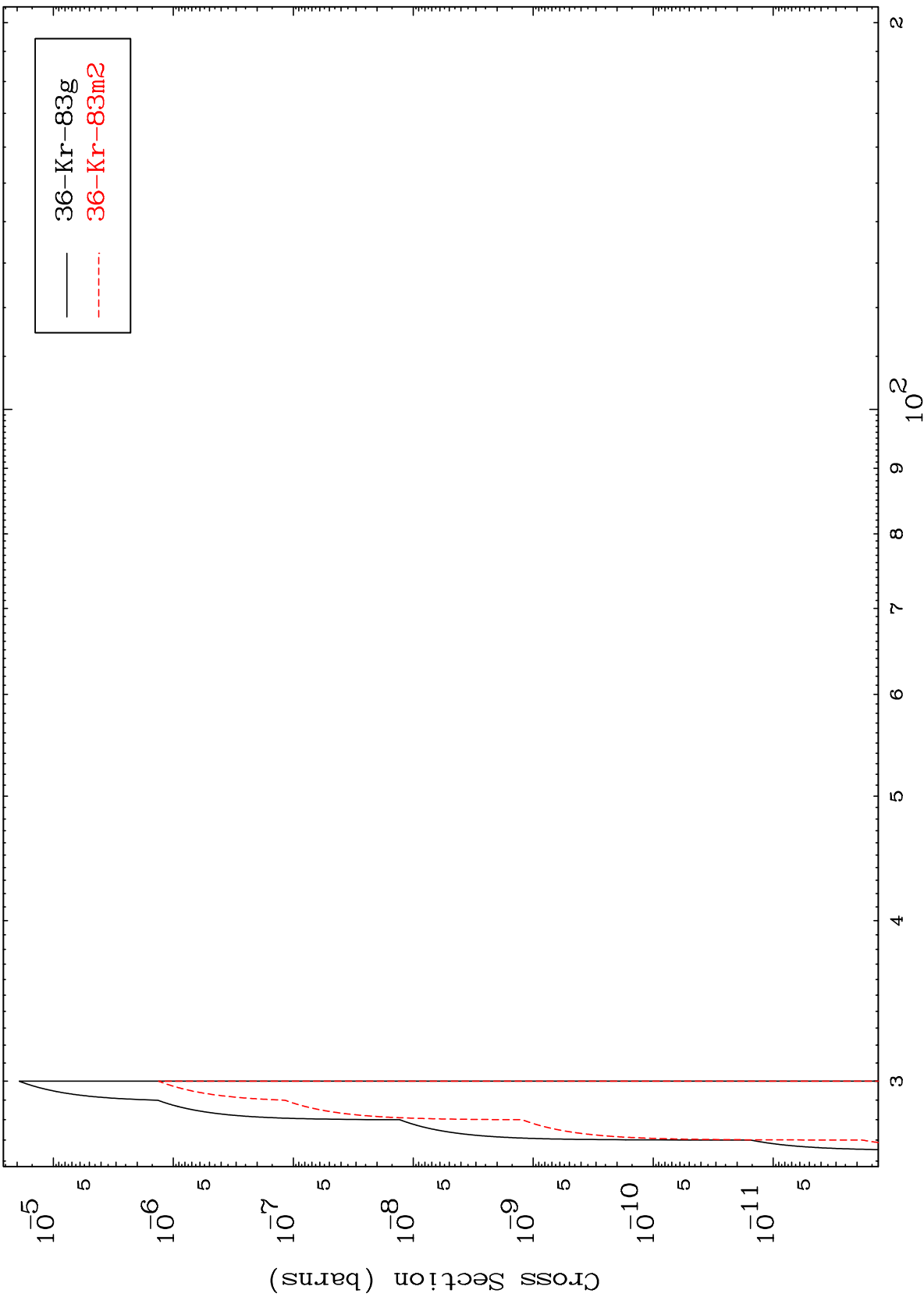
Incident Energy (MeV)

37-Rb-86

Radionuclide Production Cross Section



Radionuclide Production Cross Section



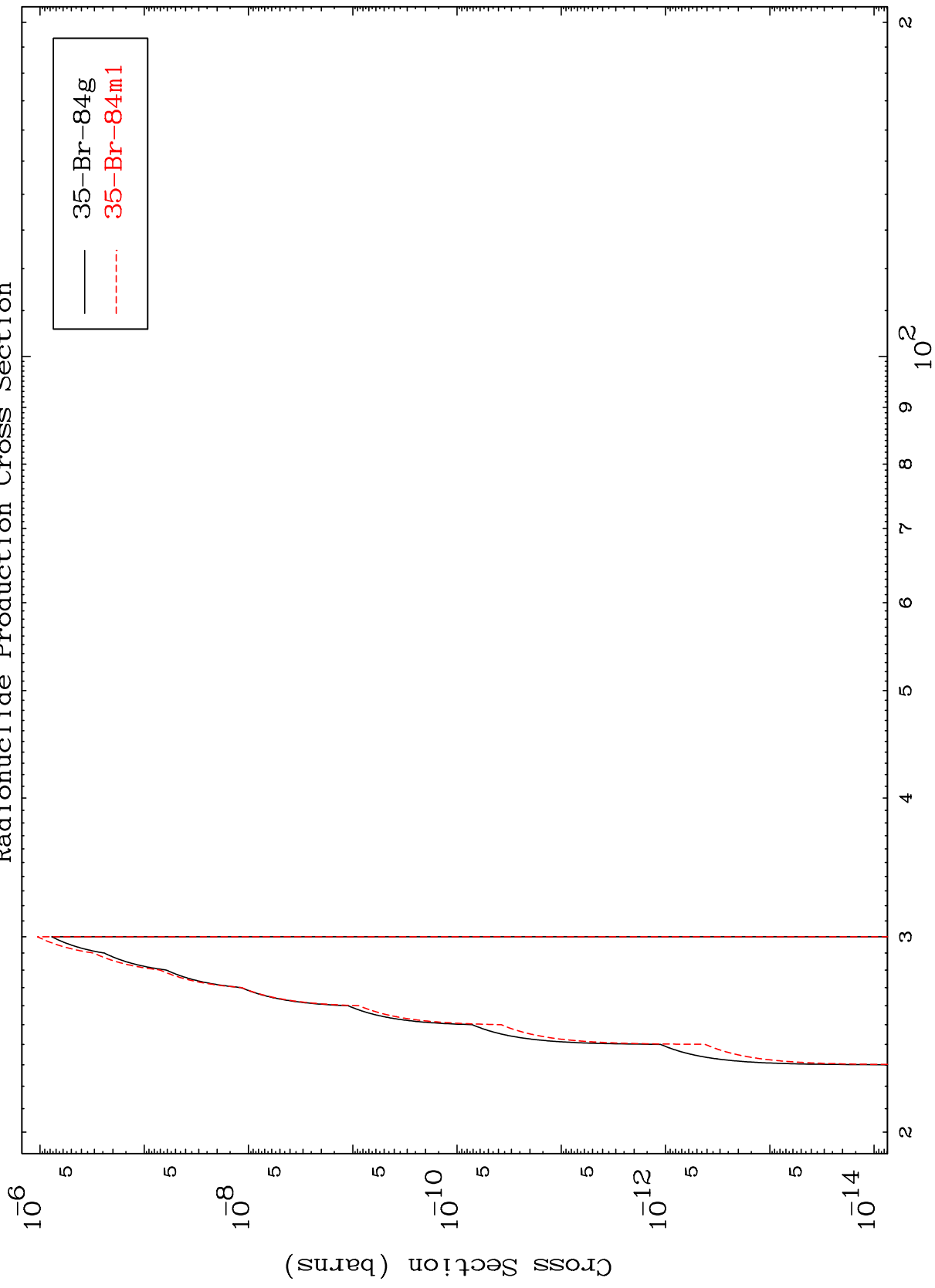
36-Kr-83g
36-Kr-83m2

MAT 3728

(n,2n) p

37-Rb-86

Radionuclide Production Cross Section

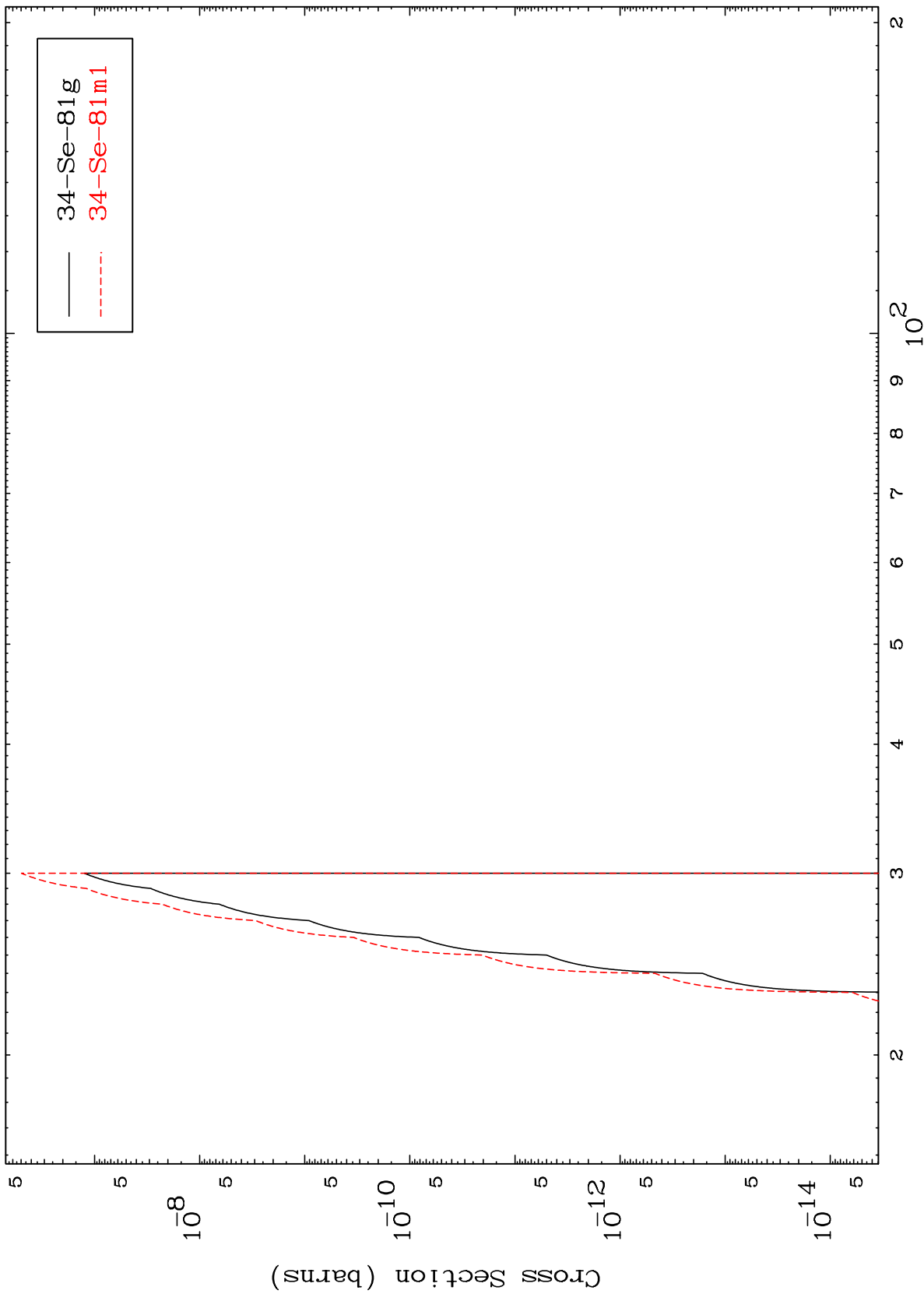


125

Incident Energy (MeV)

37-Rb-86

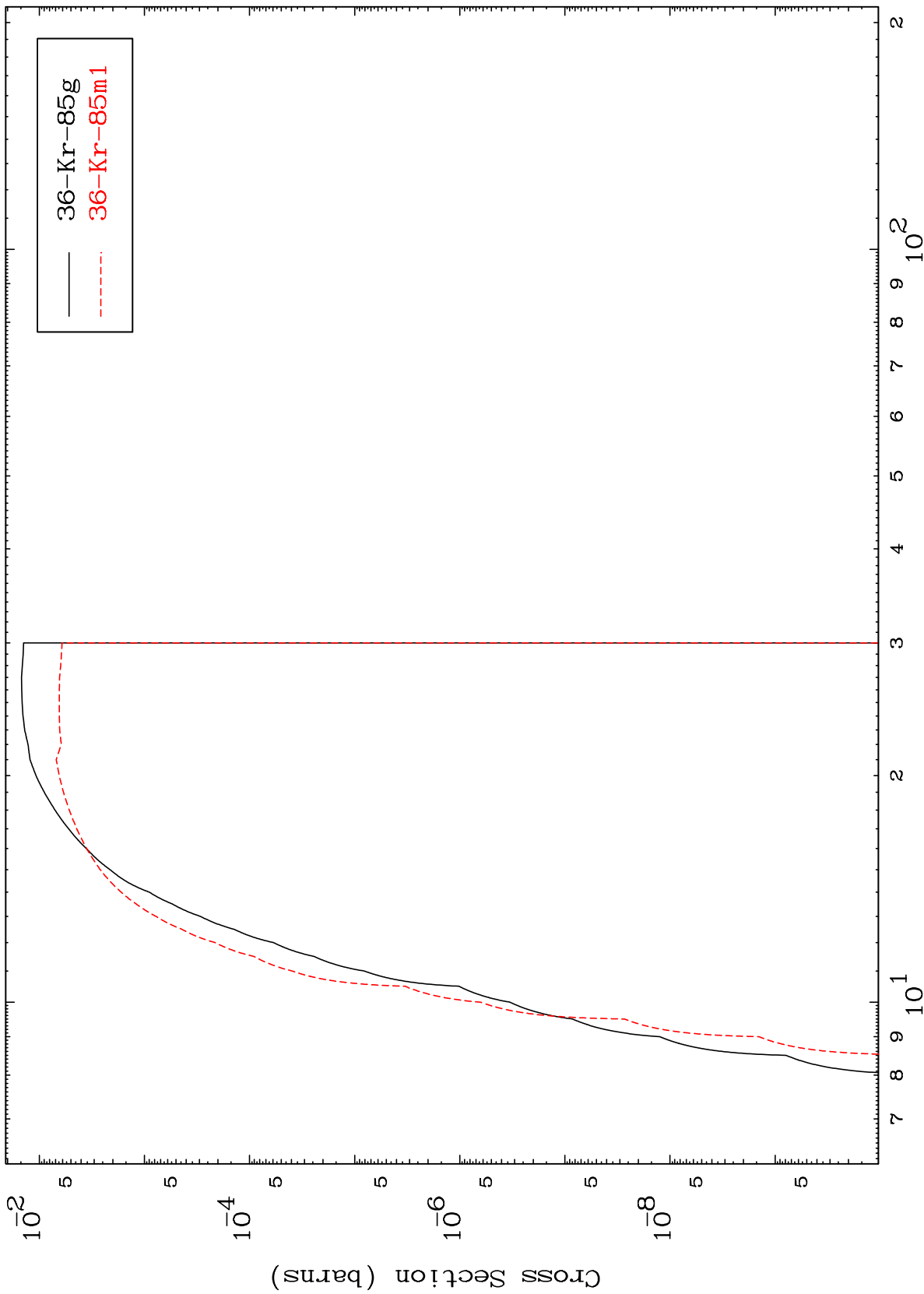
(n,n') p α
Radionuclide Production Cross Section



MAT 3728

37-Rb-86

(n,d)
Radionuclide Production Cross Section

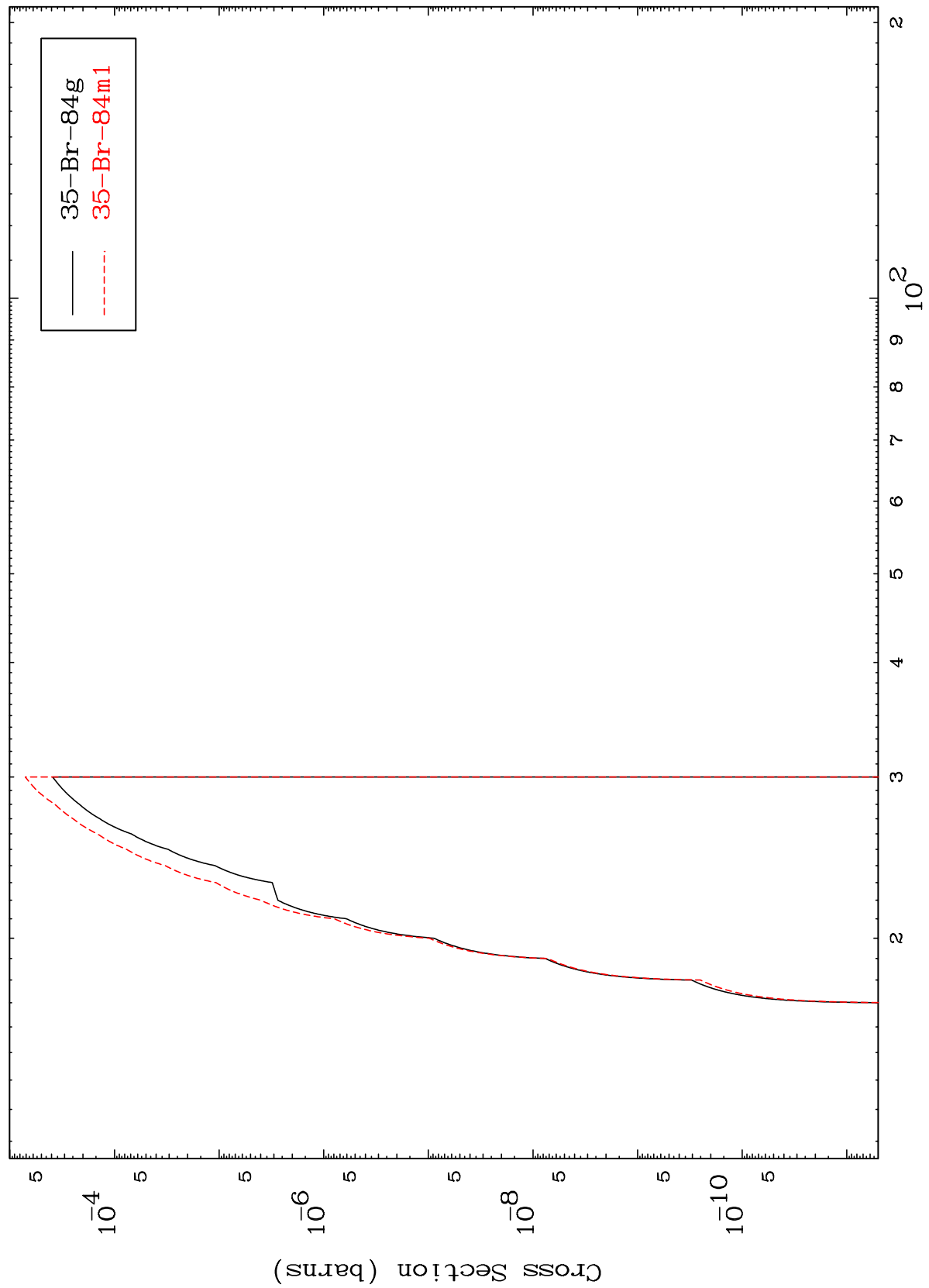


127

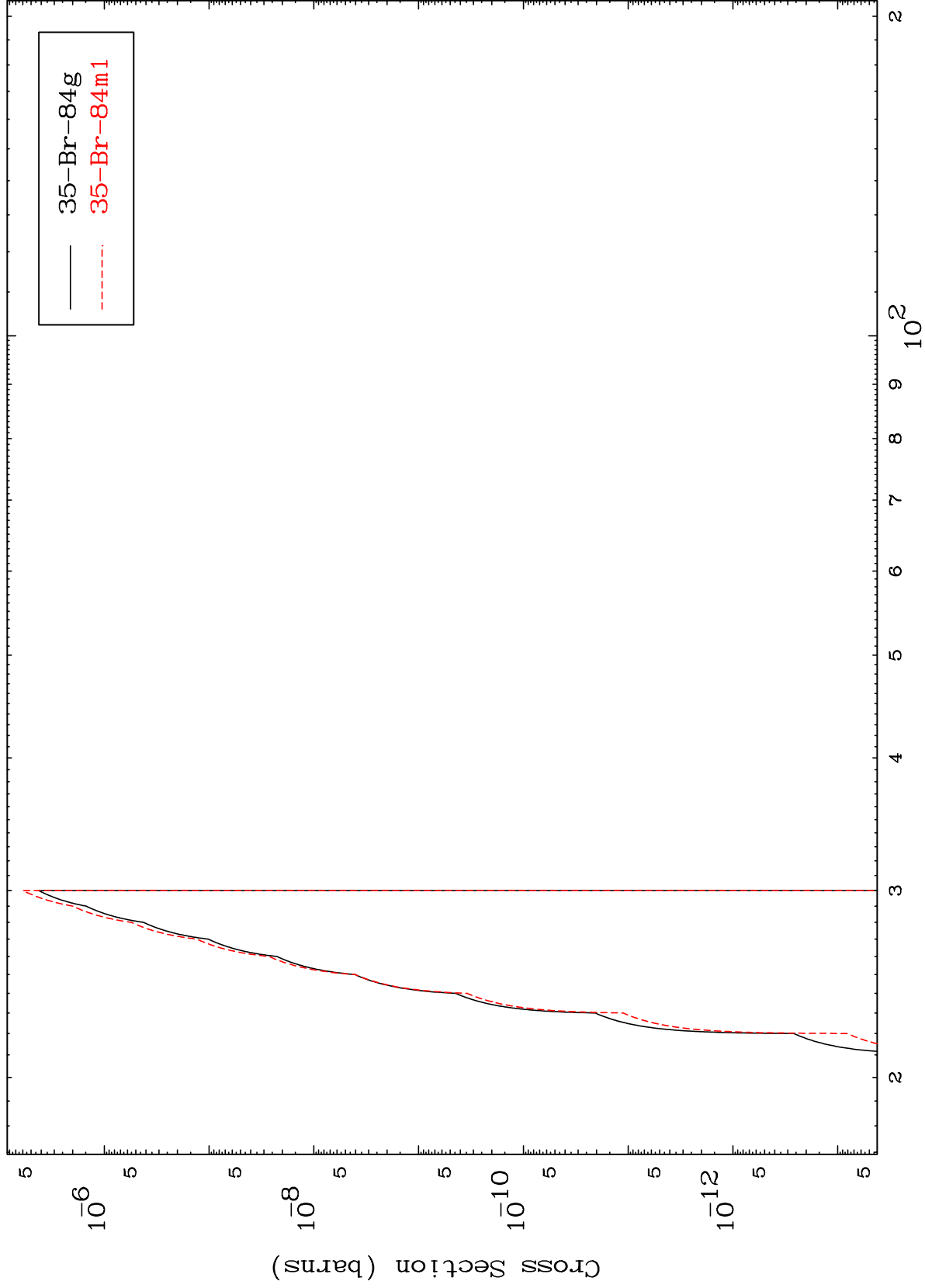
Incident Energy (MeV)

37-Rb-86

(n,He-3)
Radionuclide Production Cross Section



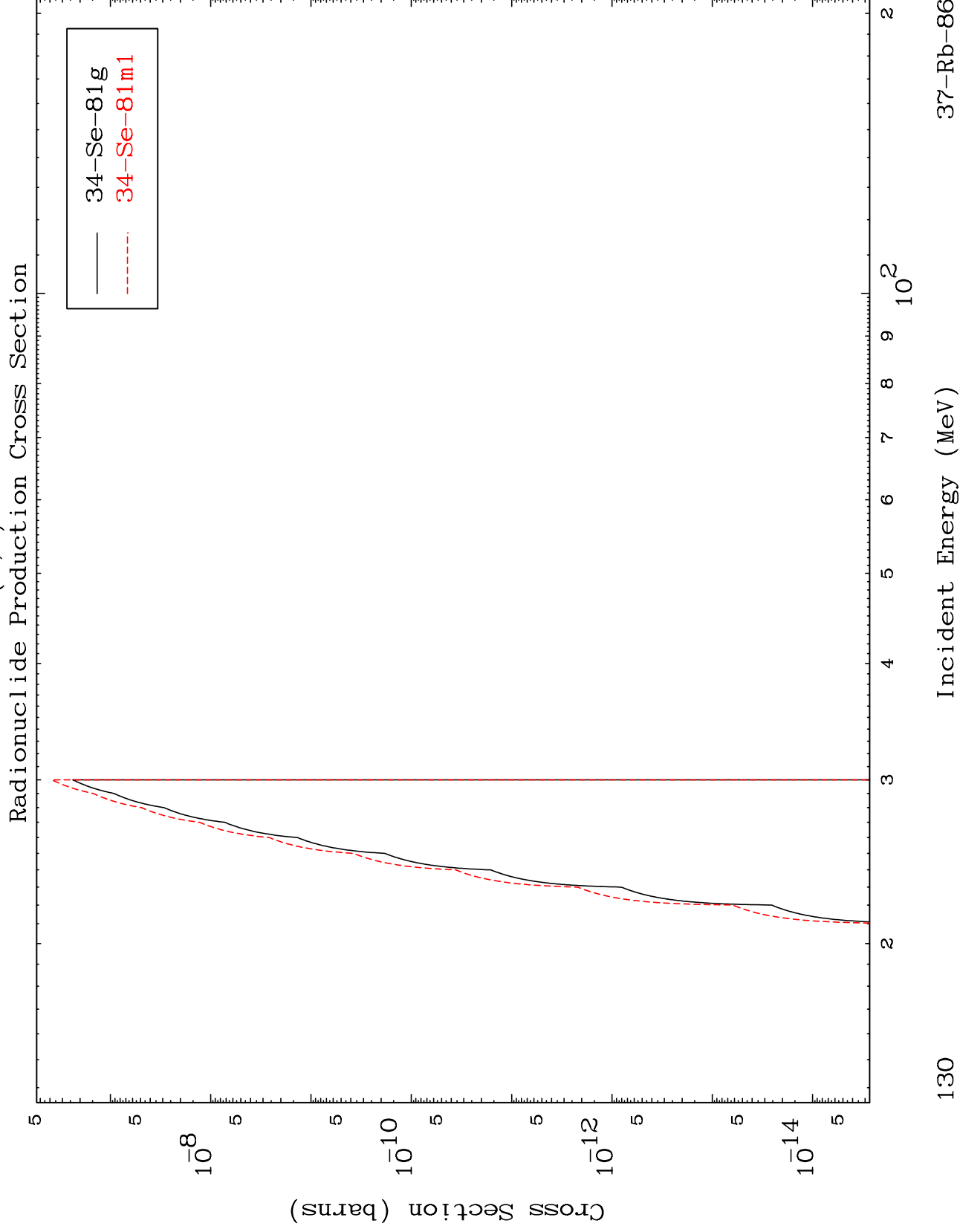
Radionuclide Production Cross Section



MAT 3728

(n,d) α

37-Rb-86



130

Incident Energy (MeV)

37-Rb-86