

Program EVALPLOT
(Version 2021-1)

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

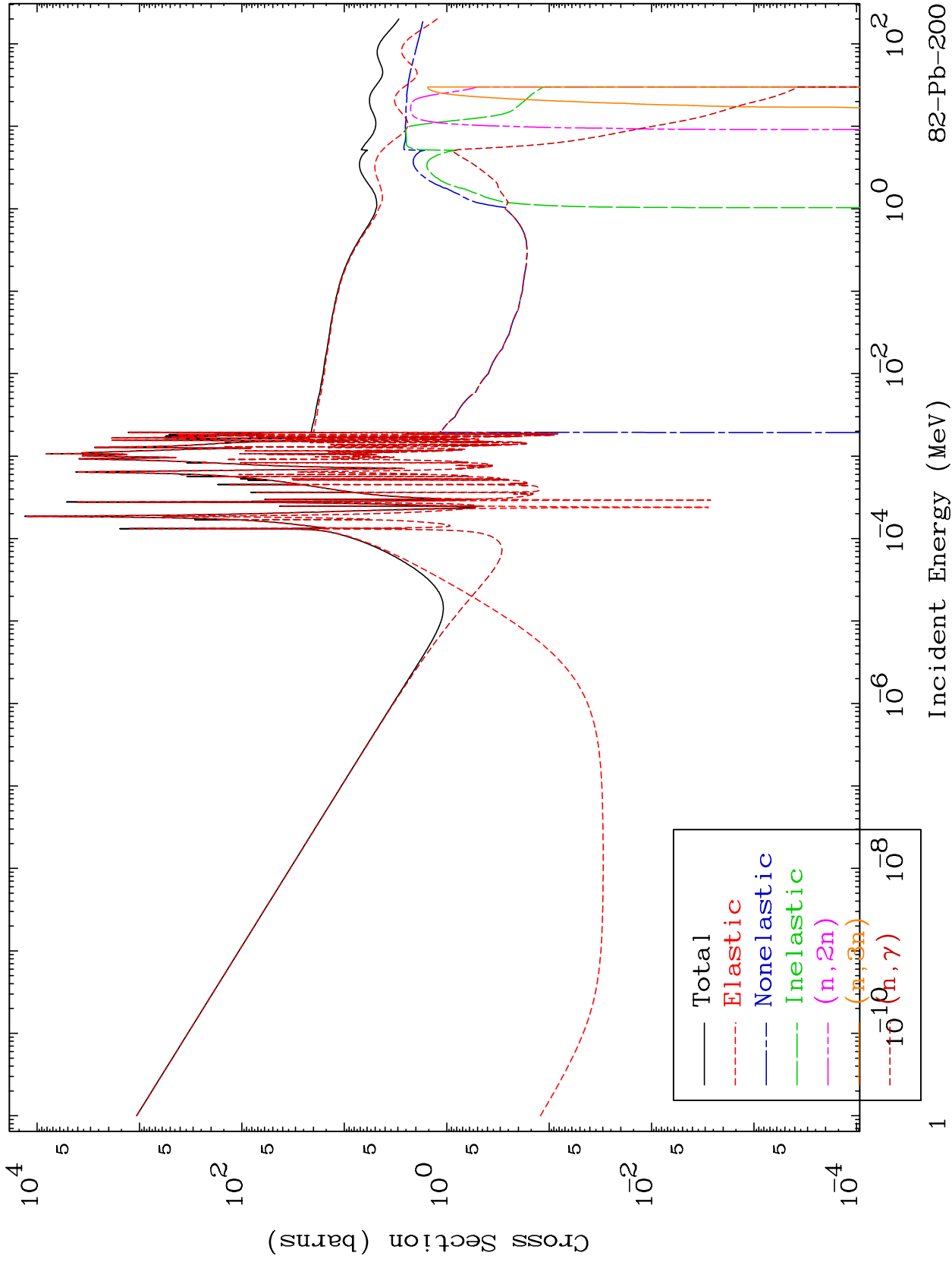
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8213

Neutron Major
293 Kelvin Cross Sections

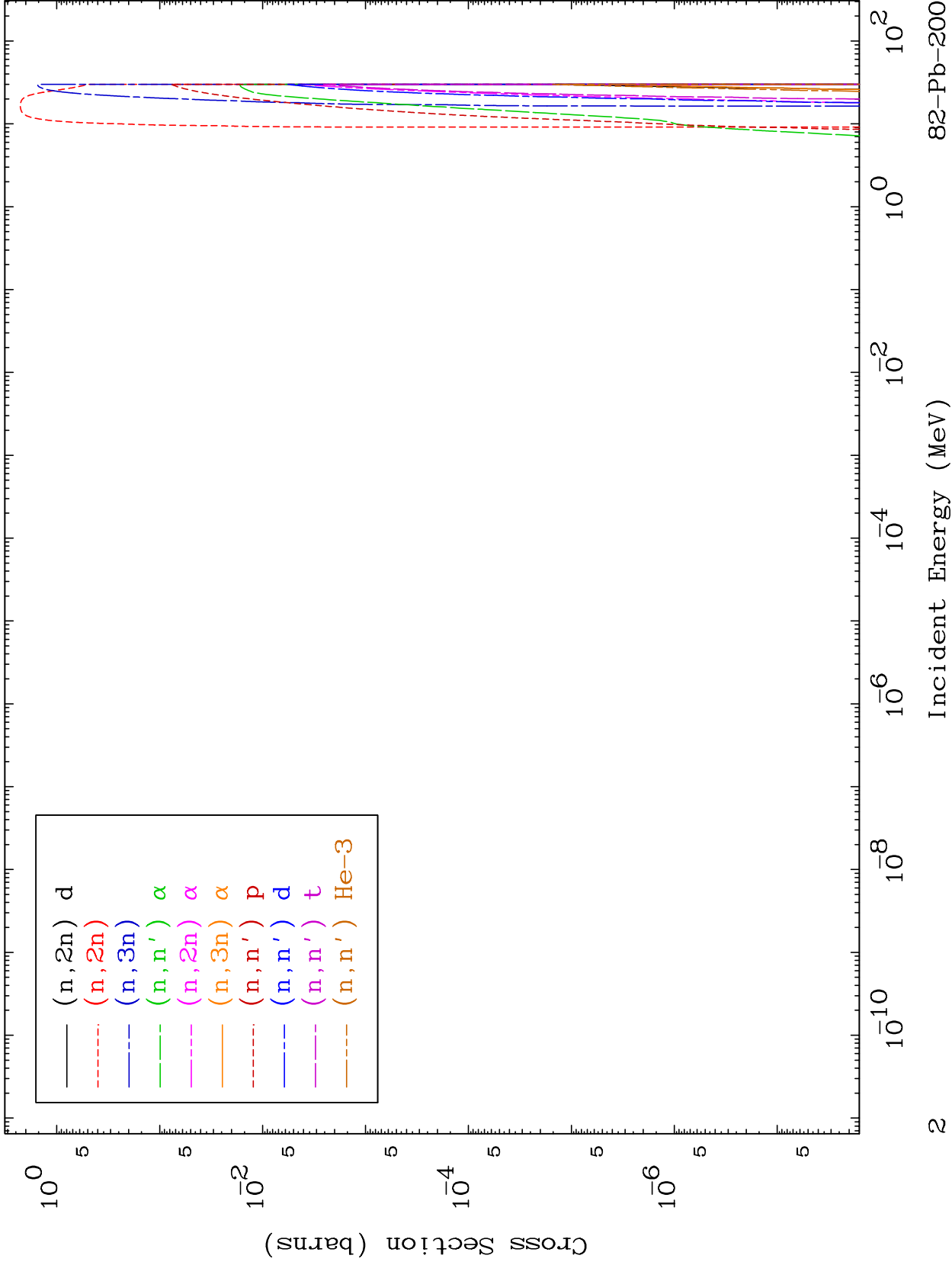
82-Pb-200



MAT 8213

Neutron Absorption
293 Kelvin Cross Sections

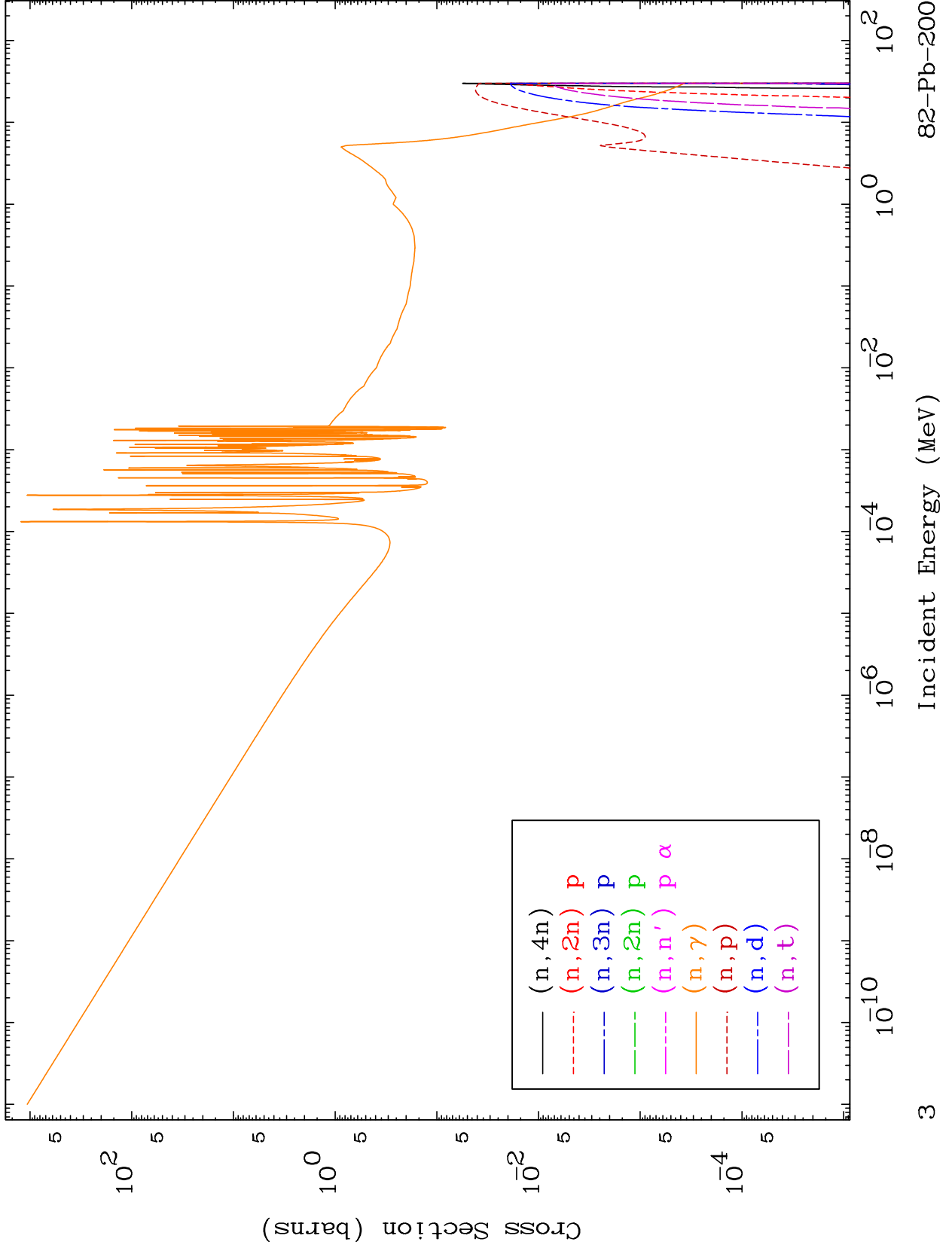
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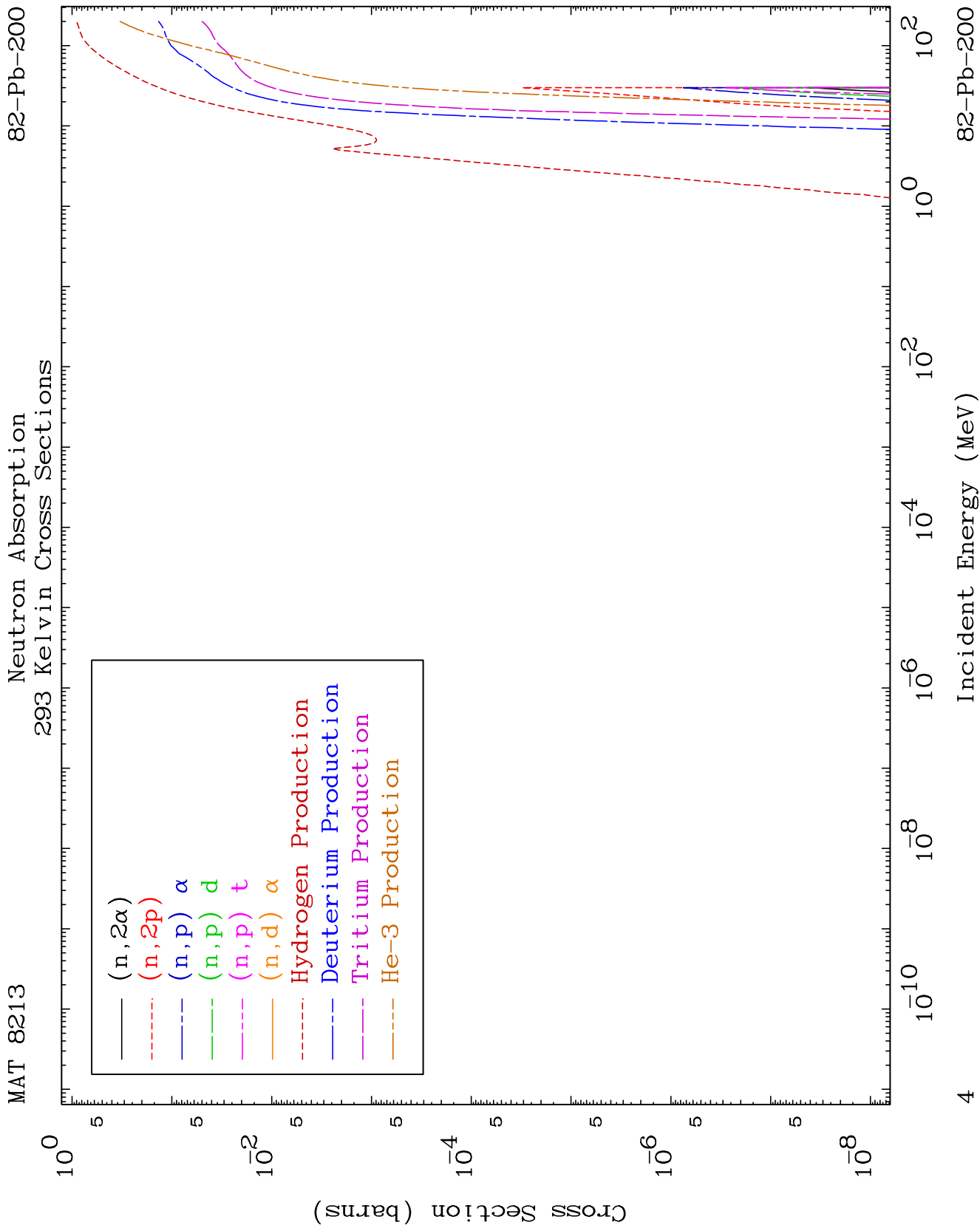


MAT 8213

Neutron Absorption
293 Kelvin Cross Sections

82-Pb-200

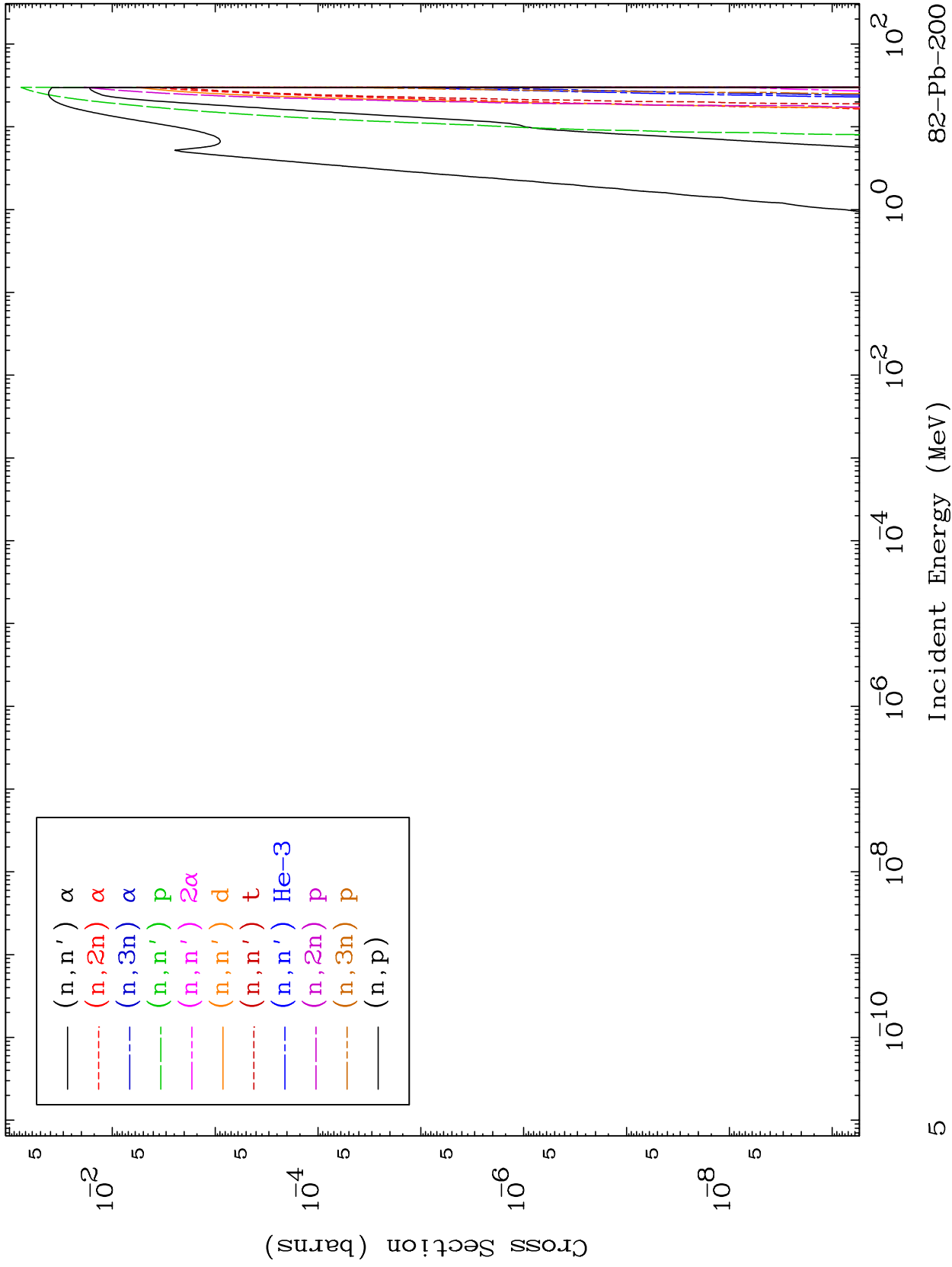




MAT 8213

Charged Particle
293 Kelvin Cross Sections

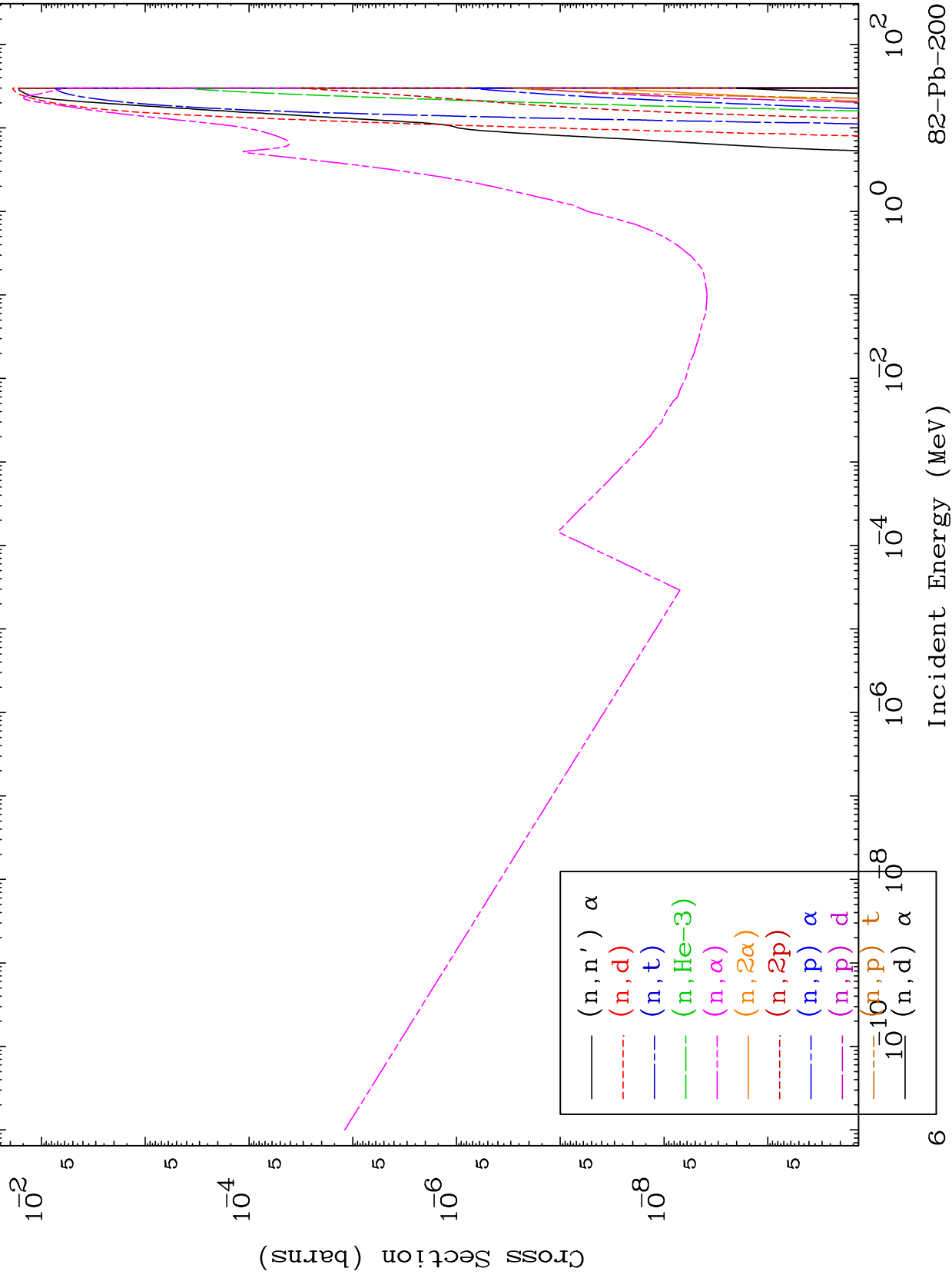
82-Pb-200



MAT 8213

Charged Particle
293 Kelvin Cross Sections

82-Pb-200



82-Pb-200

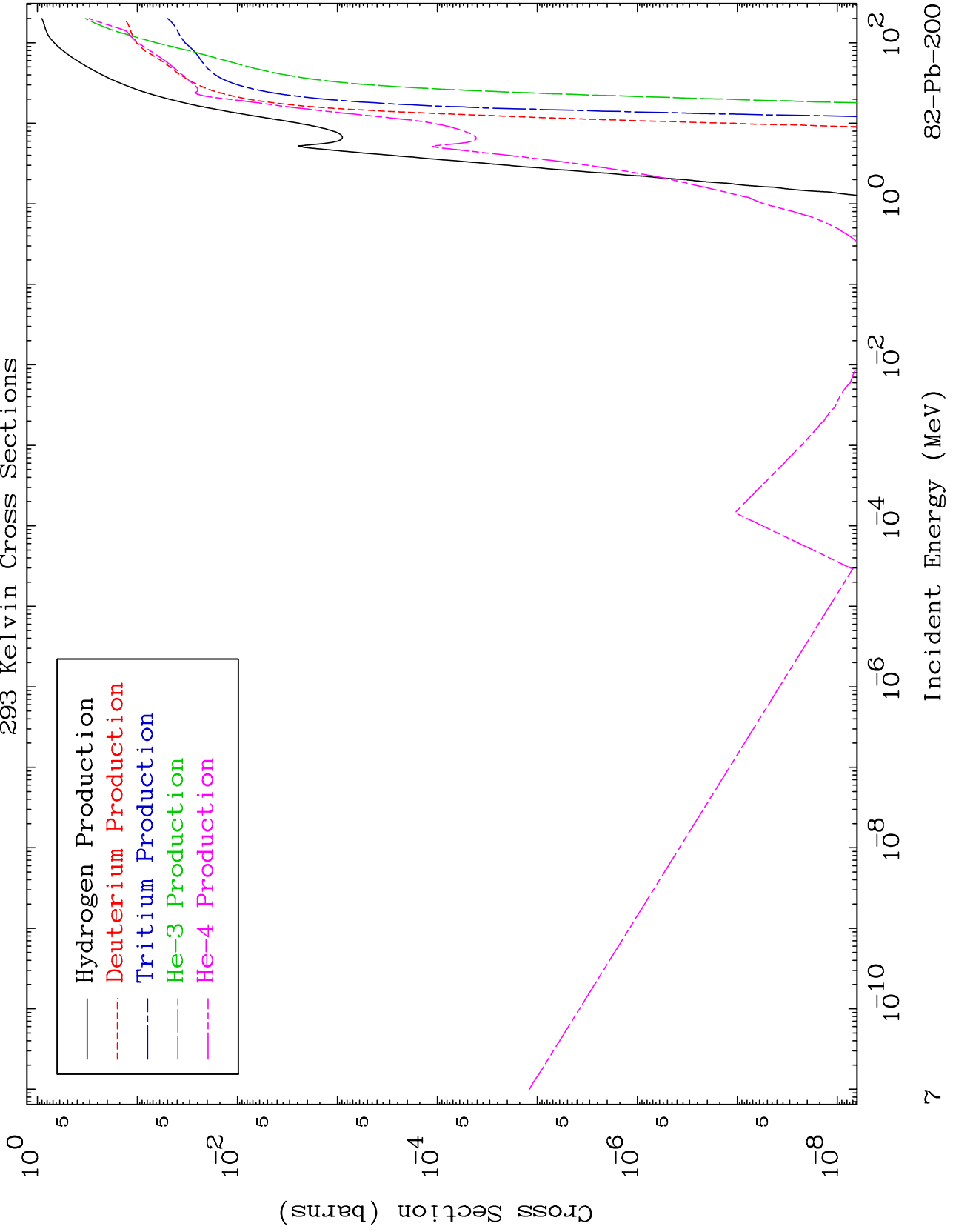
Incident Energy (MeV)

6

MAT 8213

Particle Production
293 Kelvin Cross Sections

82-Pb-200

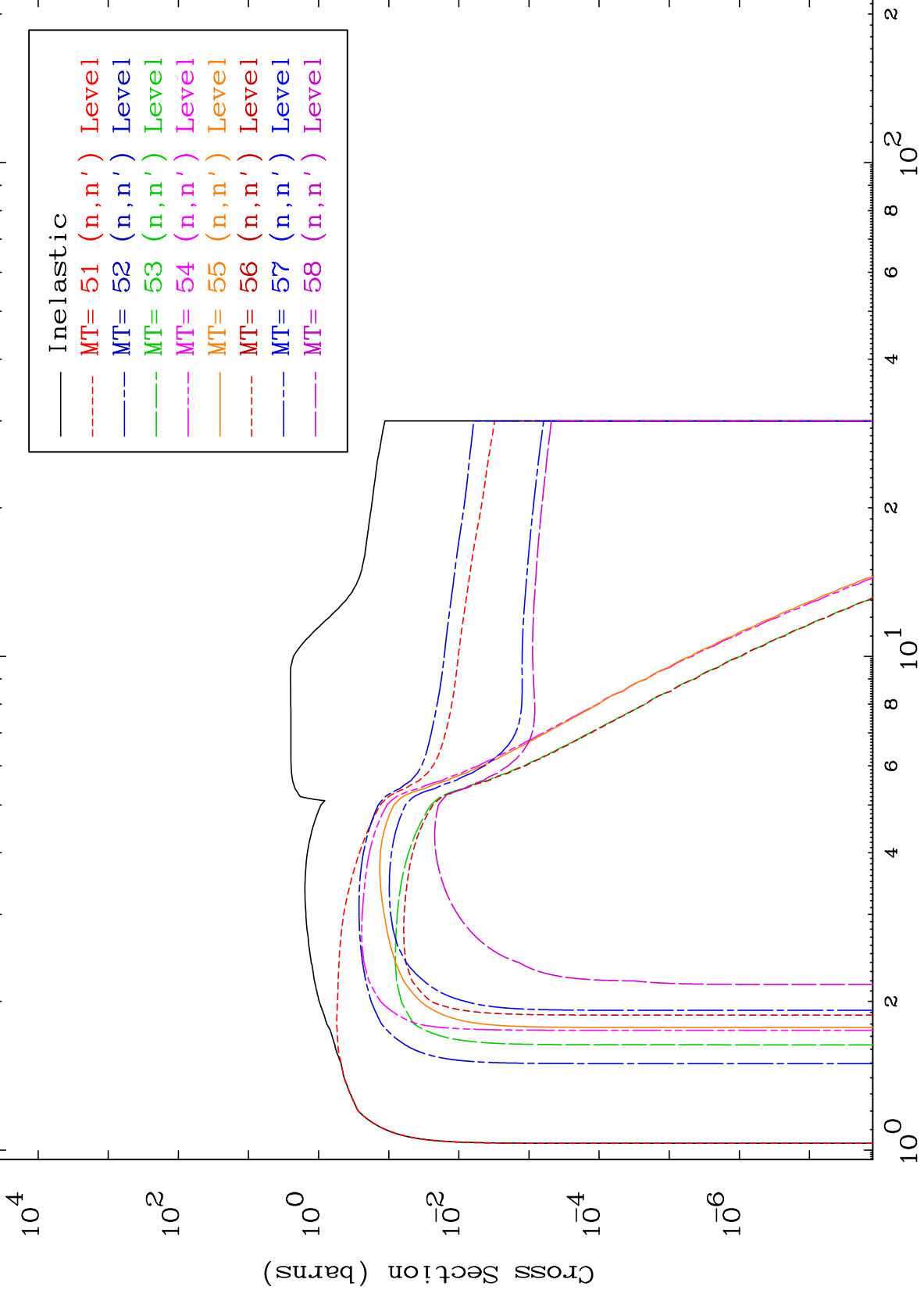


MAT 8213

(n,n') Levels

82-Pb-200

293 Kelvin Cross Sections



Incident Energy (MeV)

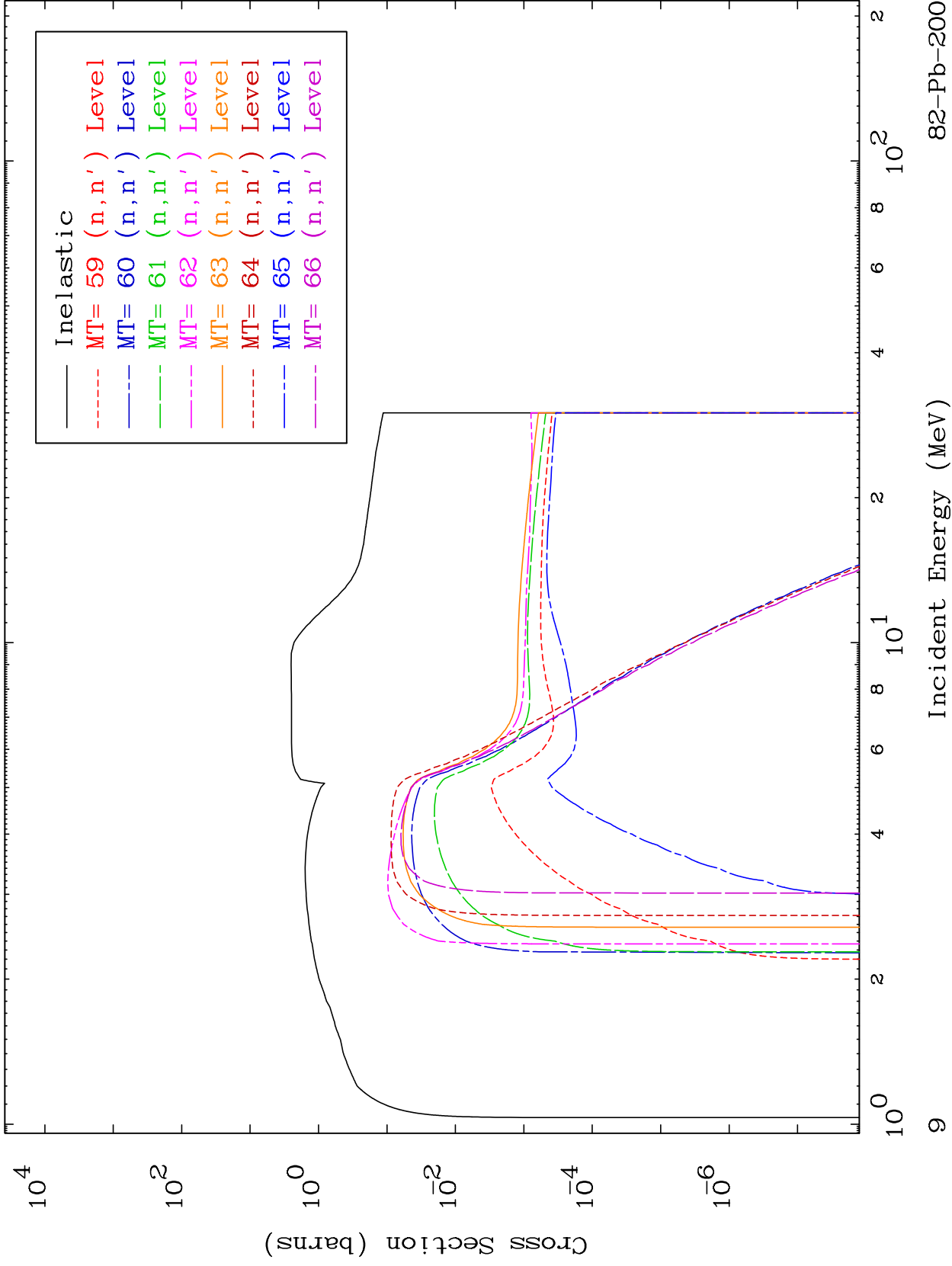
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MAT 8213

(n,n') Levels

82-Pb-200

293 Kelvin Cross Sections



Incident Energy (MeV)

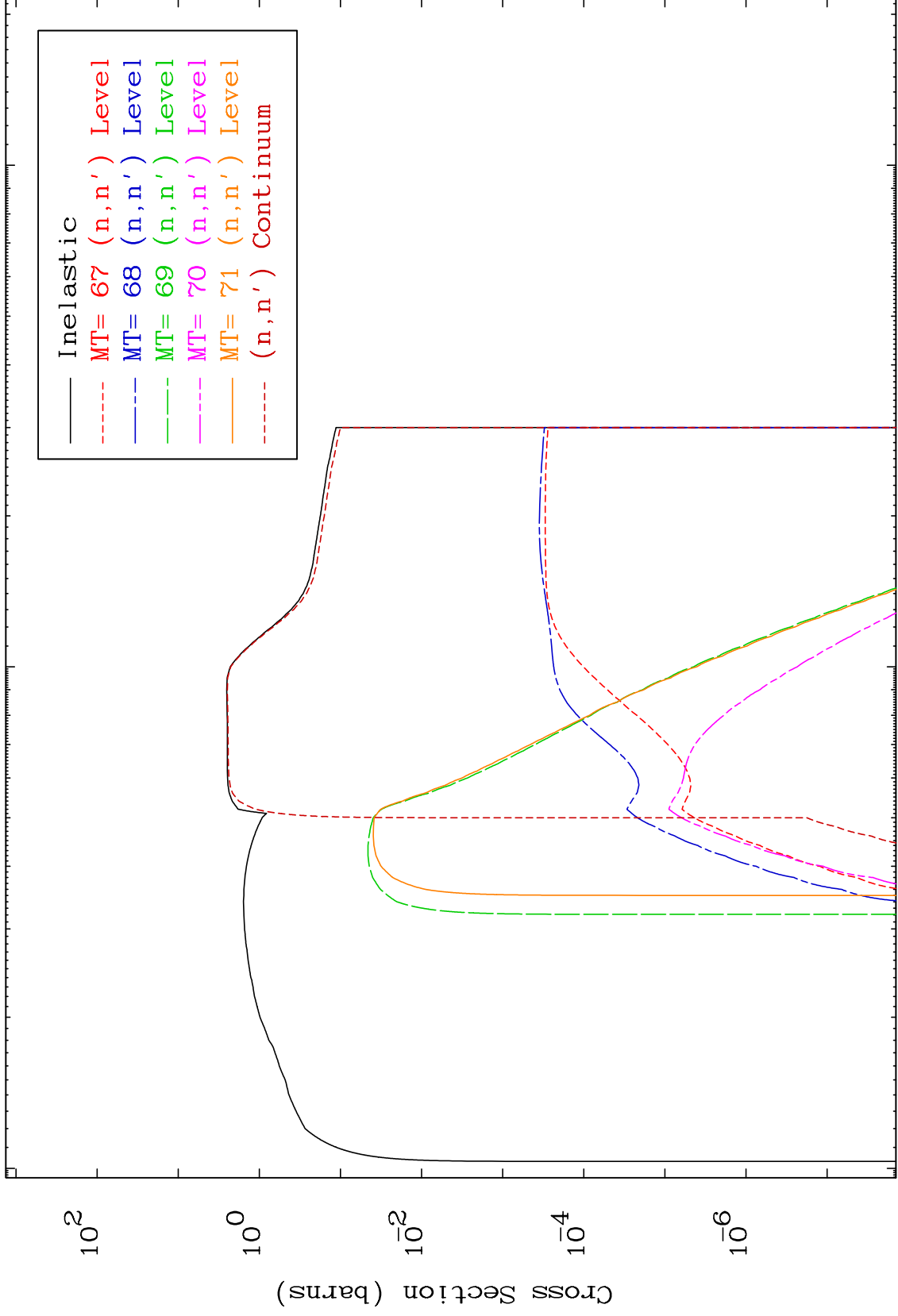
82-Pb-200

MAT 8213

(n,n') Levels

82-Pb-200

293 Kelvin Cross Sections



10²
10⁰
10⁻²
10⁻⁴
10⁻⁶
10⁰
10¹
10²

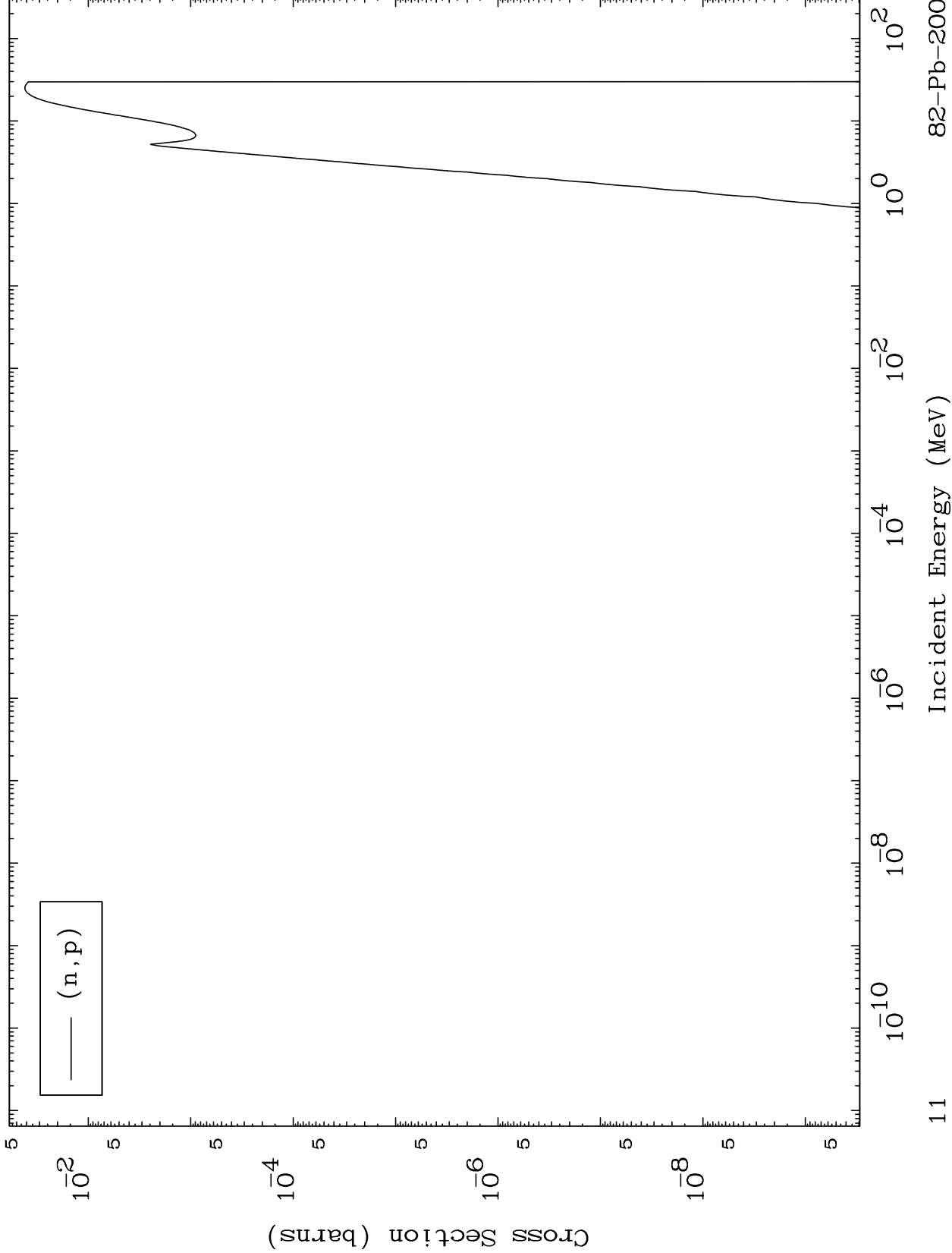
Incident Energy (MeV)

82-Pb-200

MAT 8213

(n,p) Levels
293 Kelvin Cross Sections

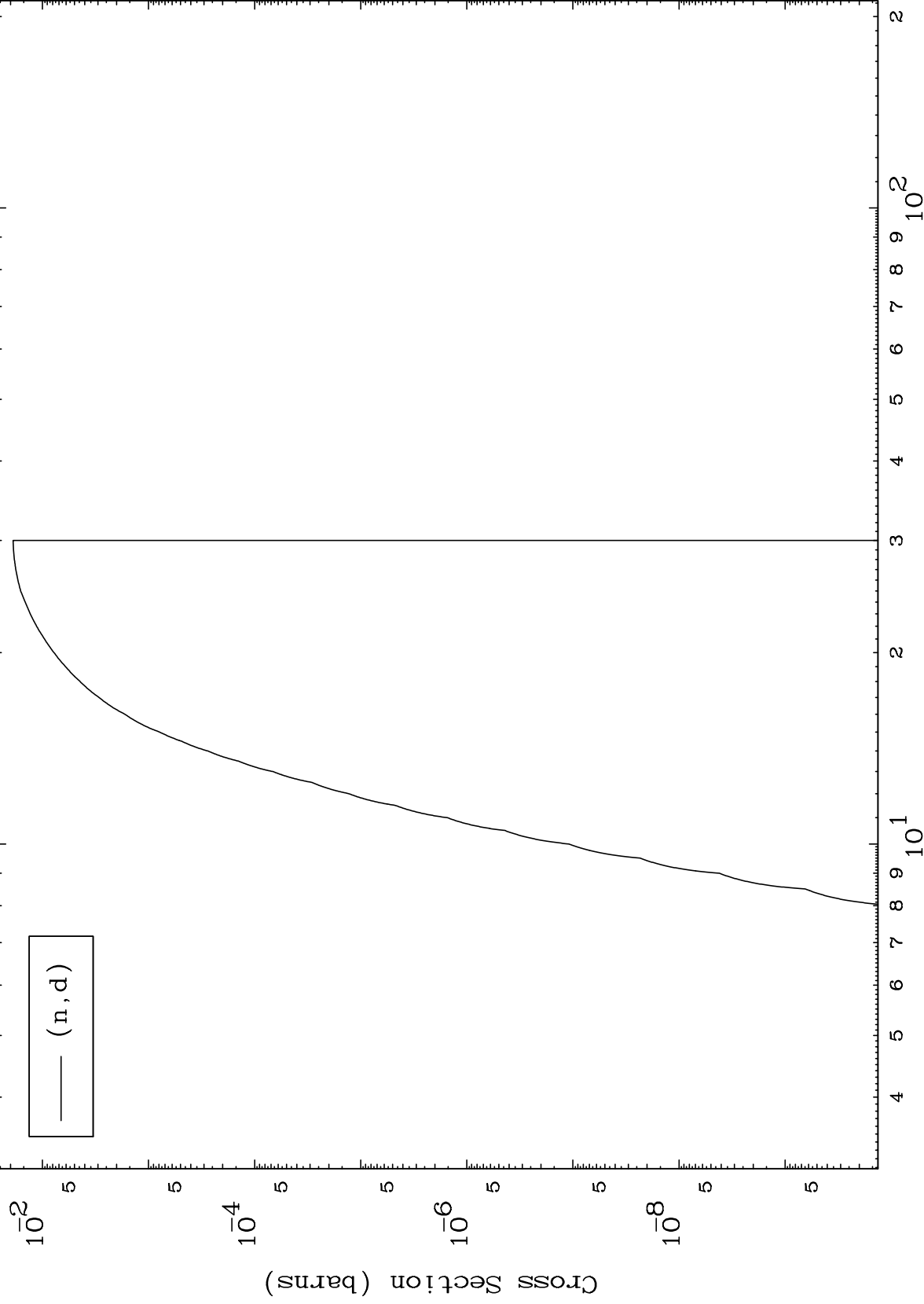
82-Pb-200



MAT 8213

(n,d) Levels
293 Kelvin Cross Sections

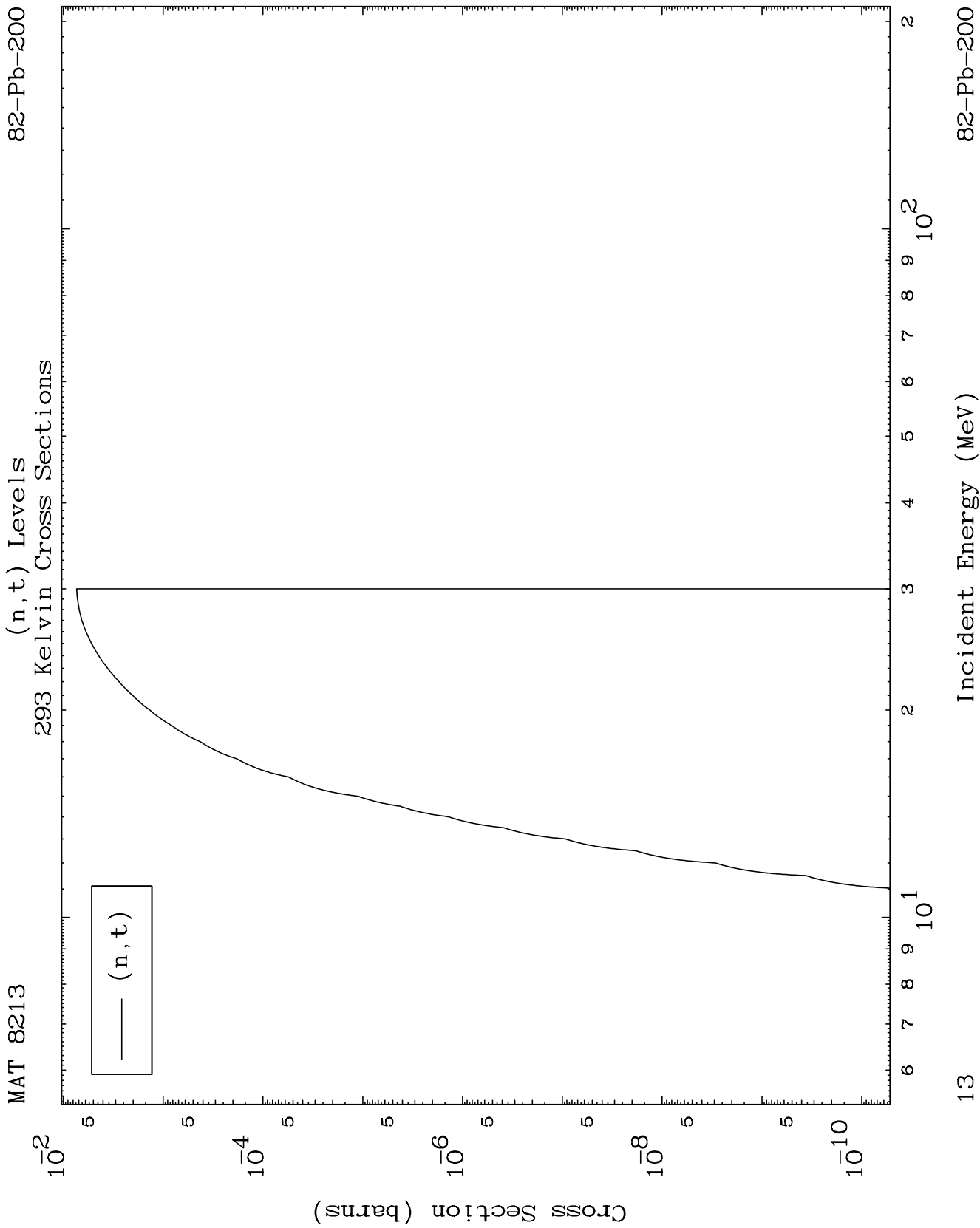
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12

Incident Energy (MeV)

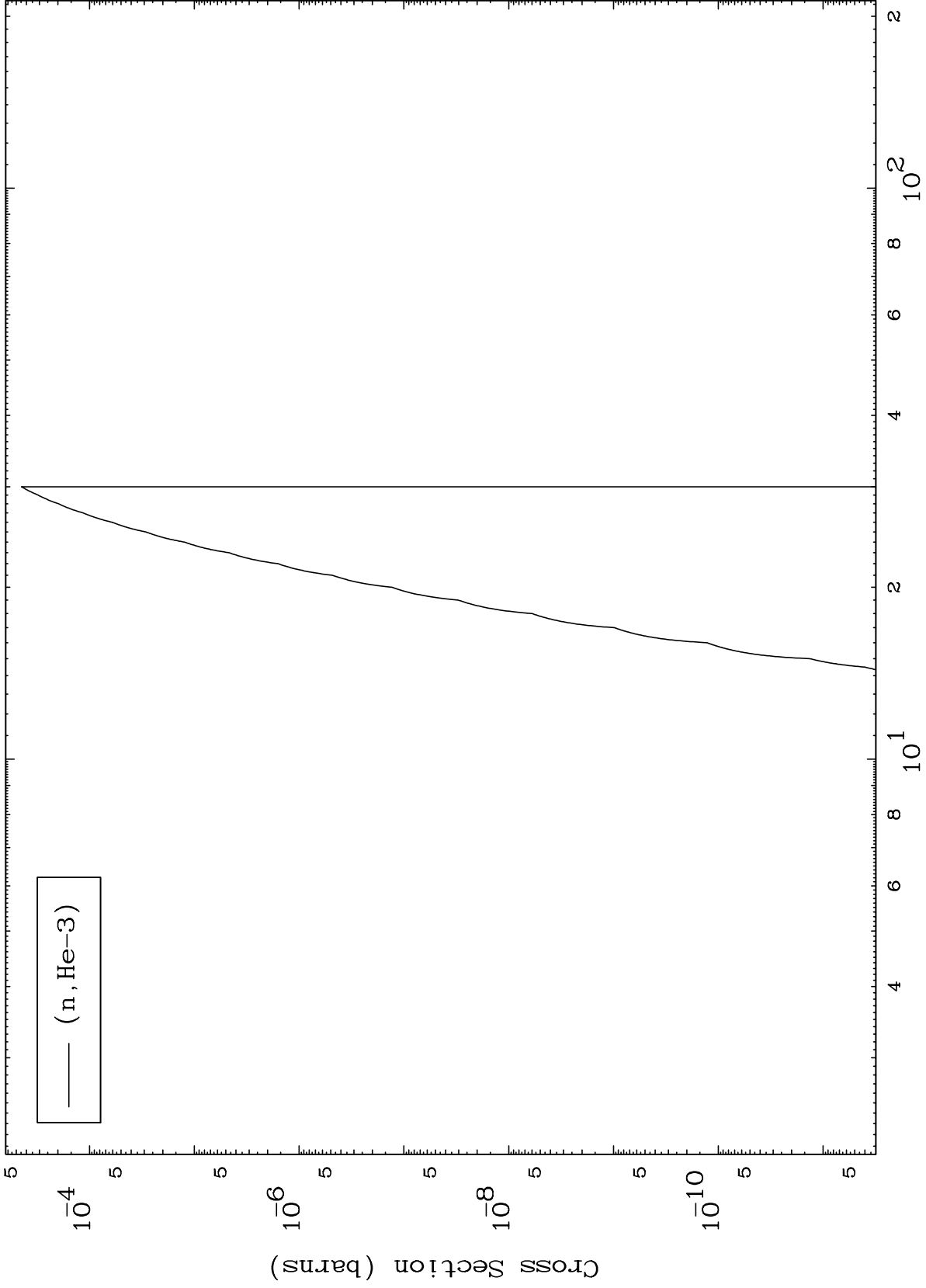
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MAT 8213

(n,He3) Levels
293 Kelvin Cross Sections

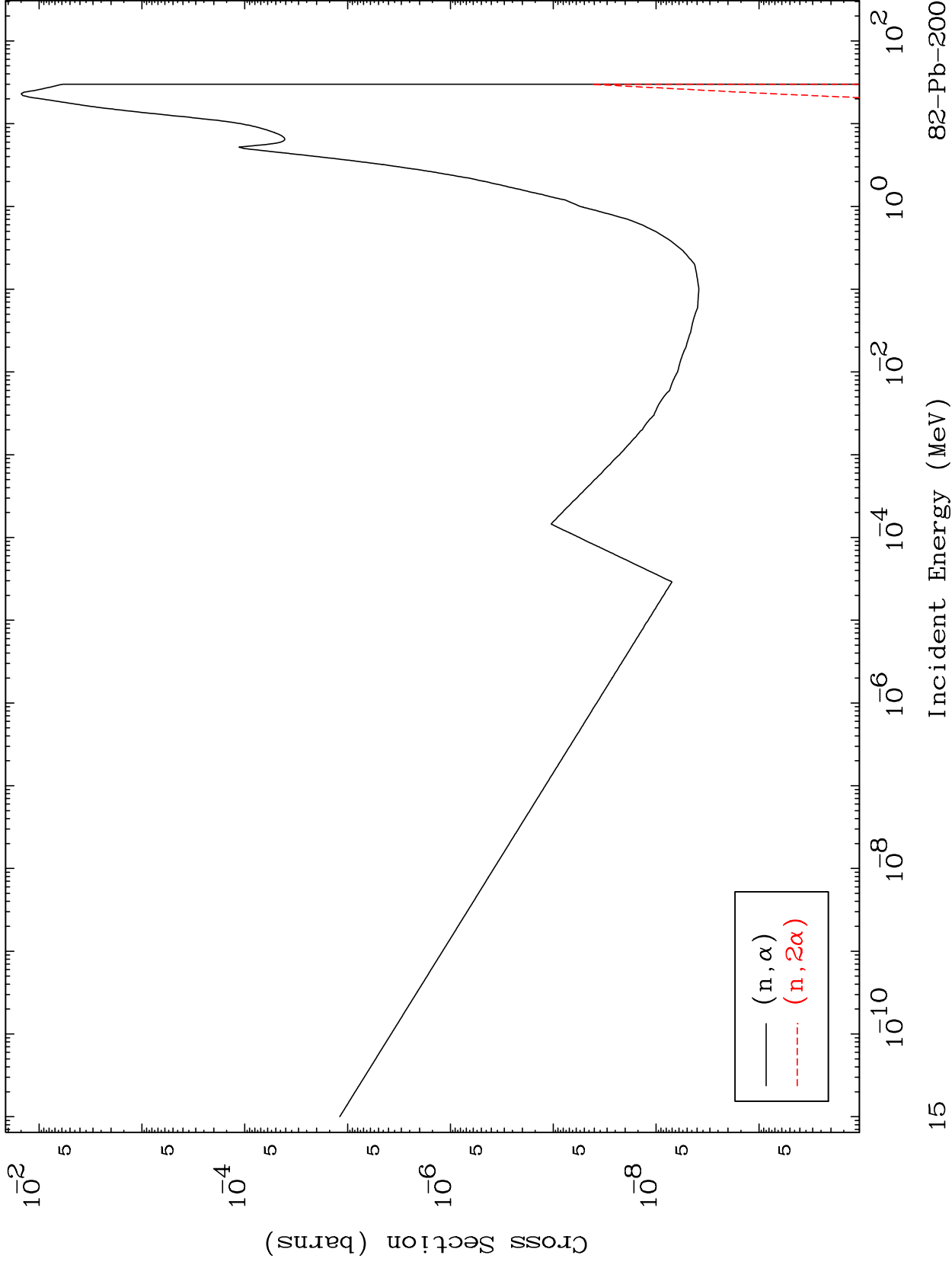
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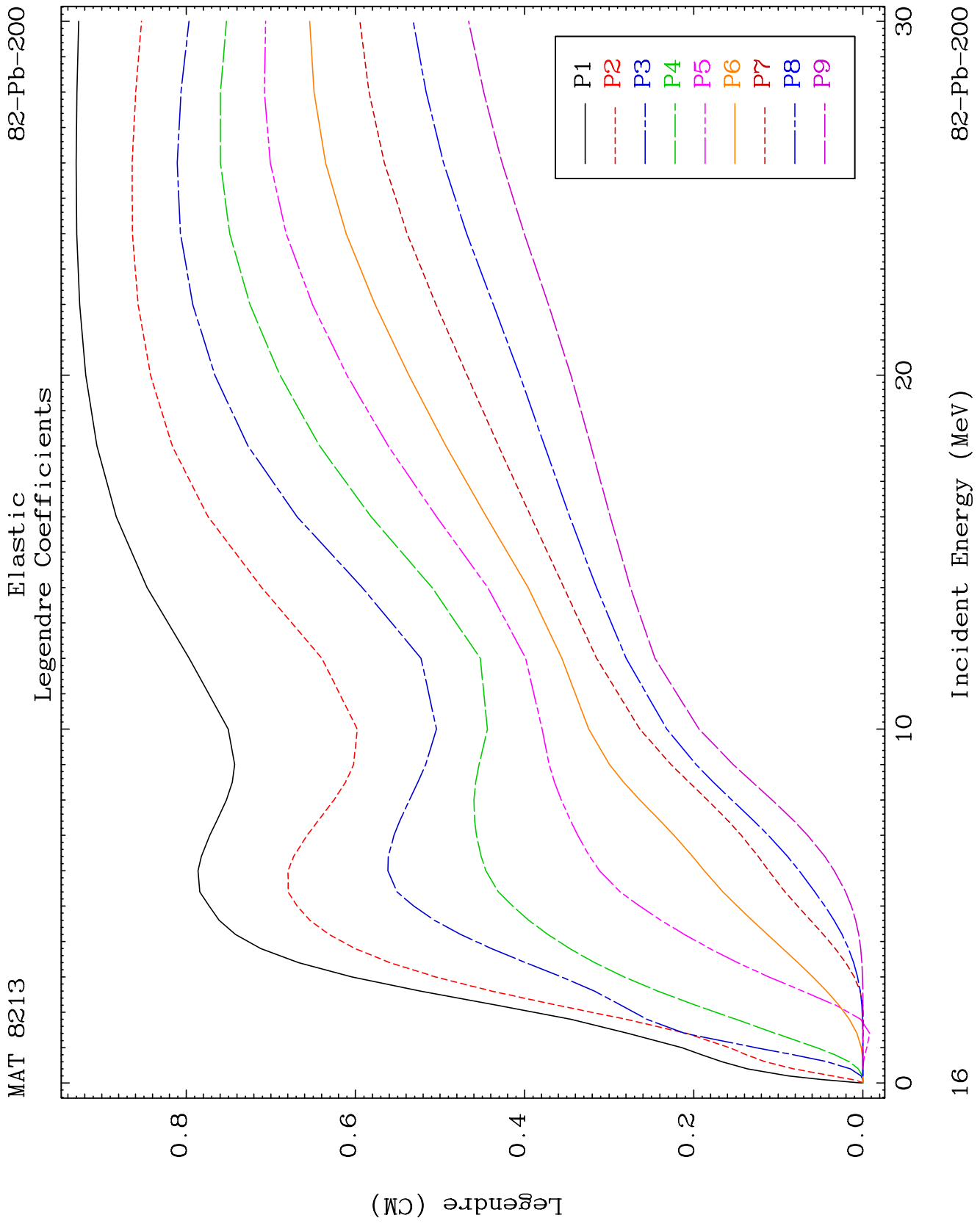


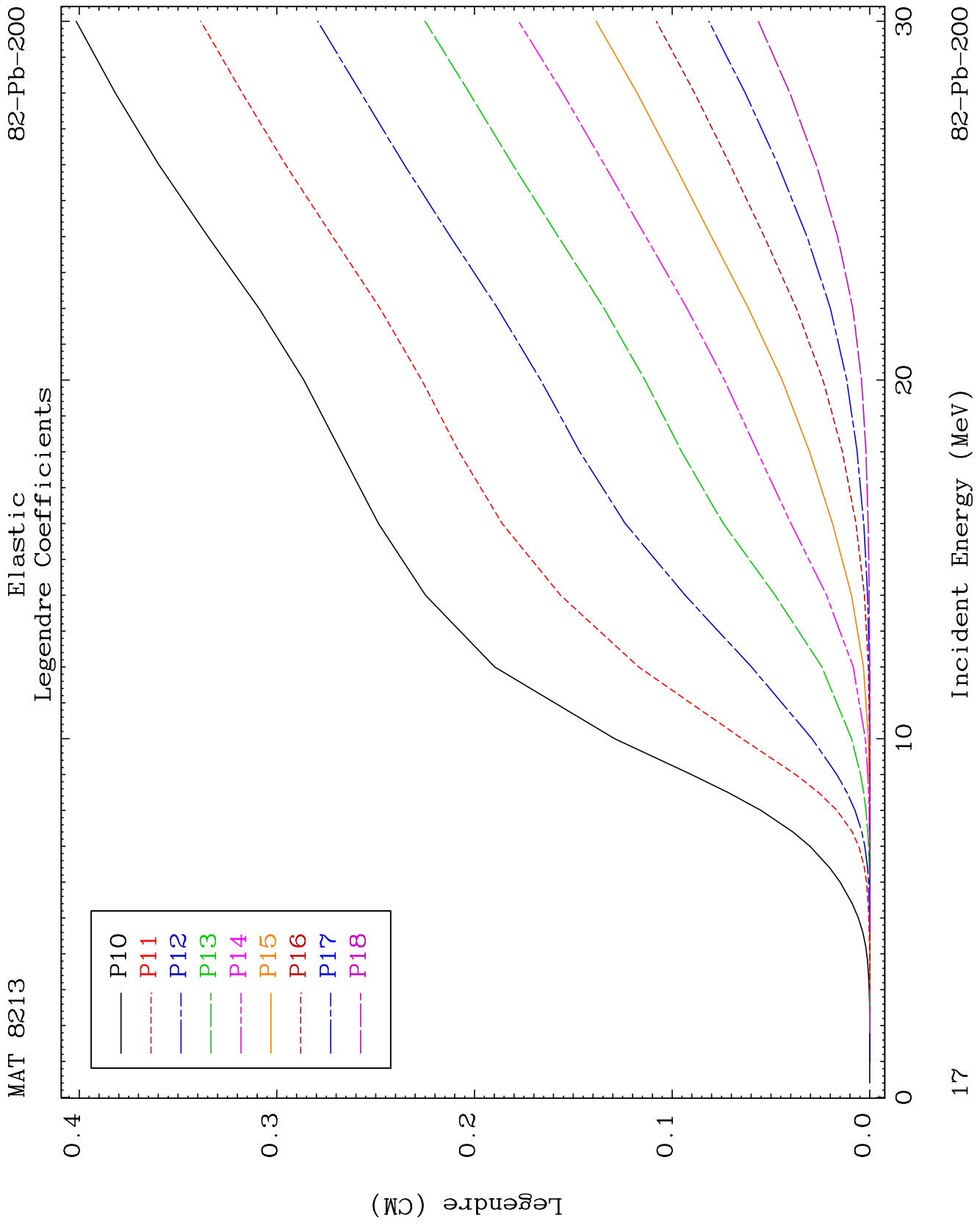
MAT 8213

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-200



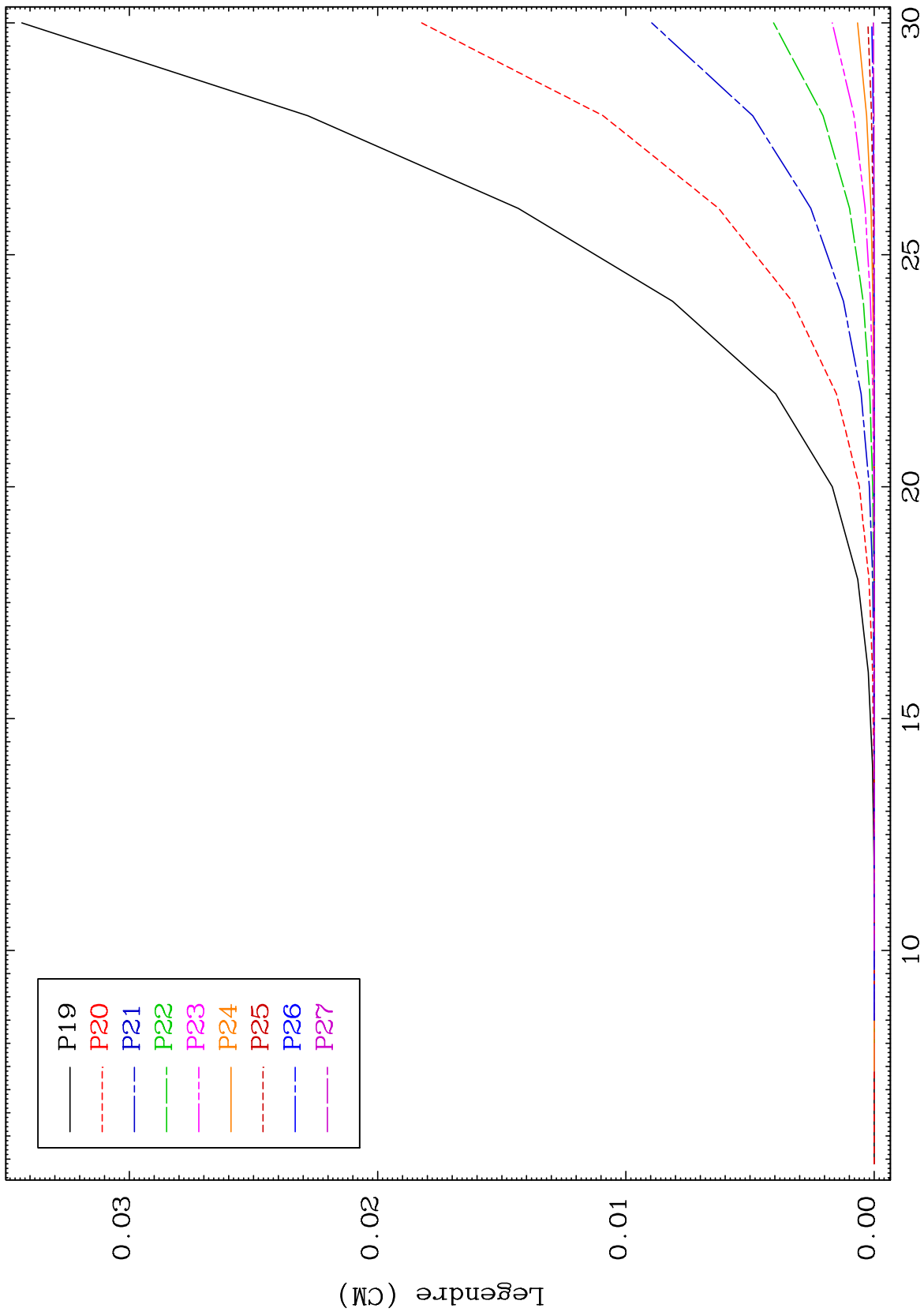




MAT 8213

Elastic
Legendre Coefficients

82-Pb-200



18

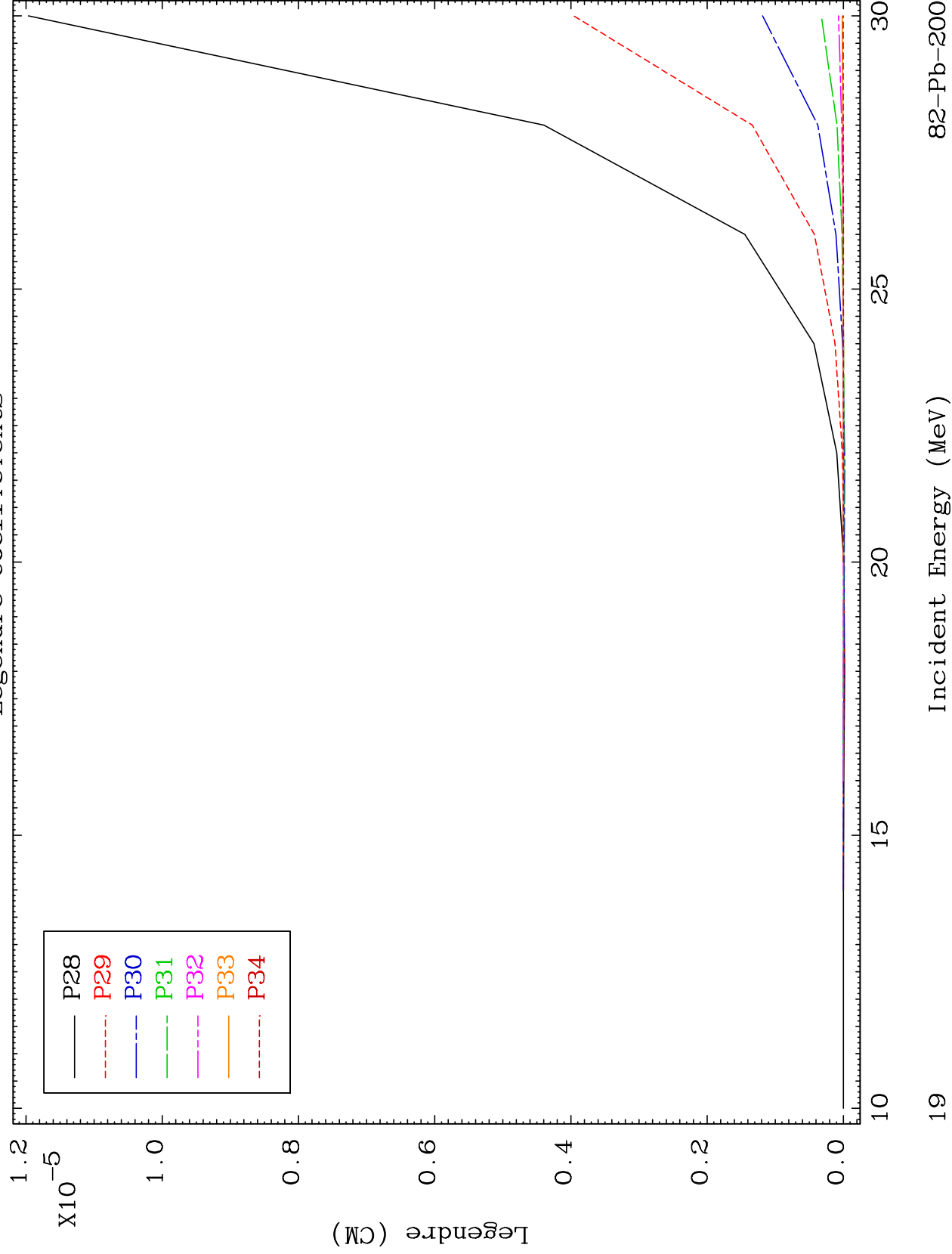
Incident Energy (MeV)

82-Pb-200

MAT 8213

Elastic Legendre Coefficients

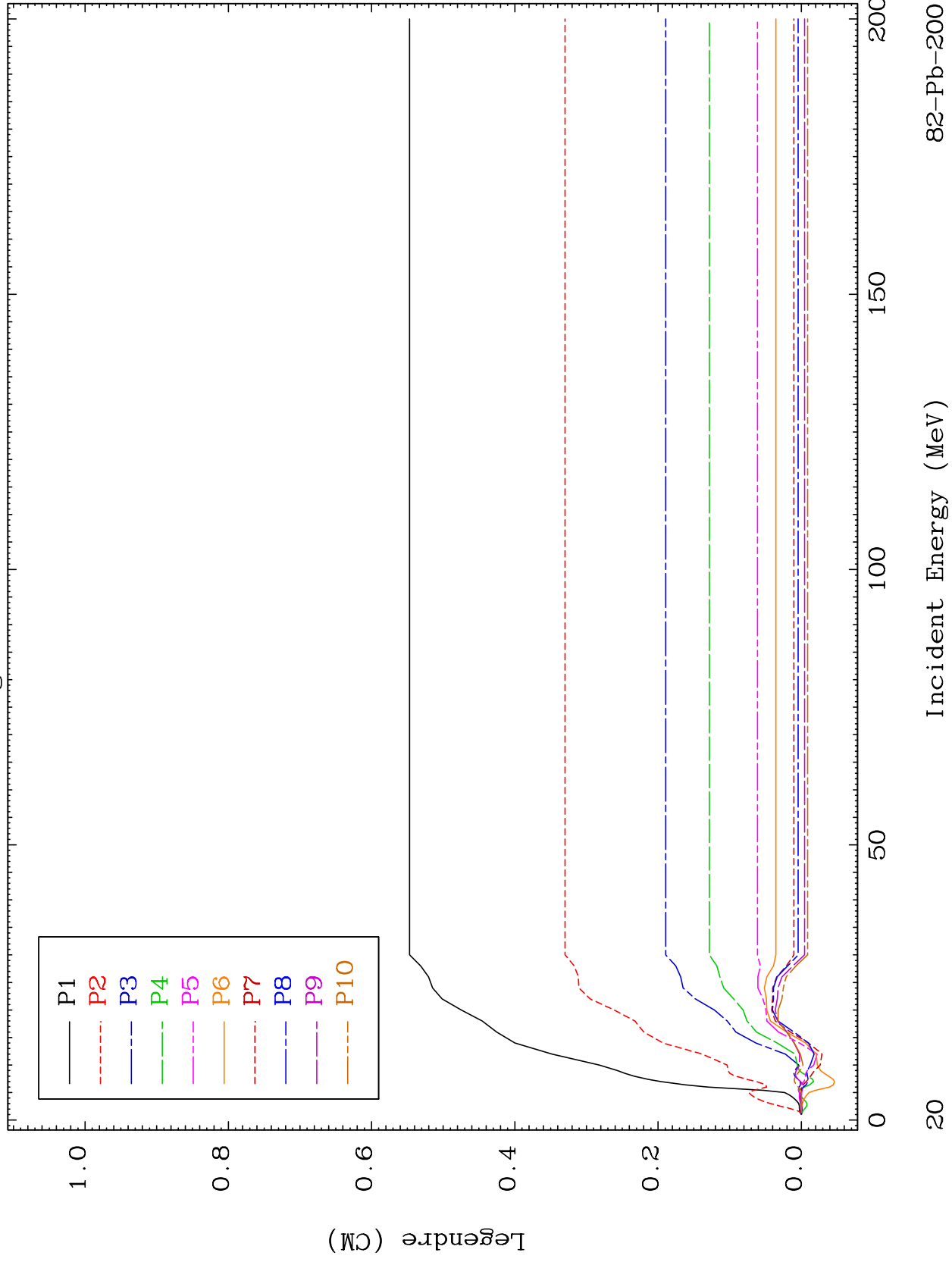
82-Pb-200



MAT 8213

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

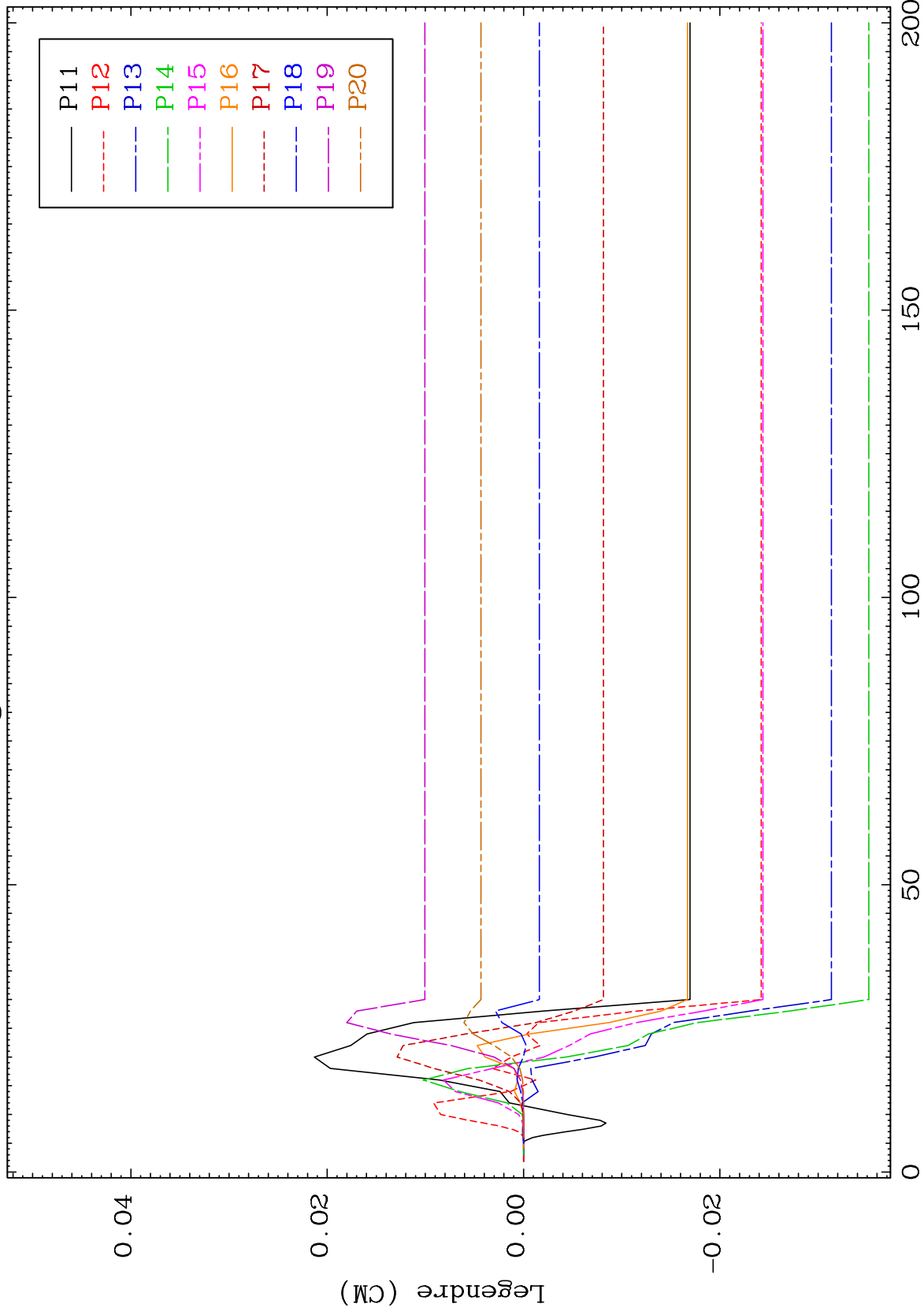
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MAT 8213

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

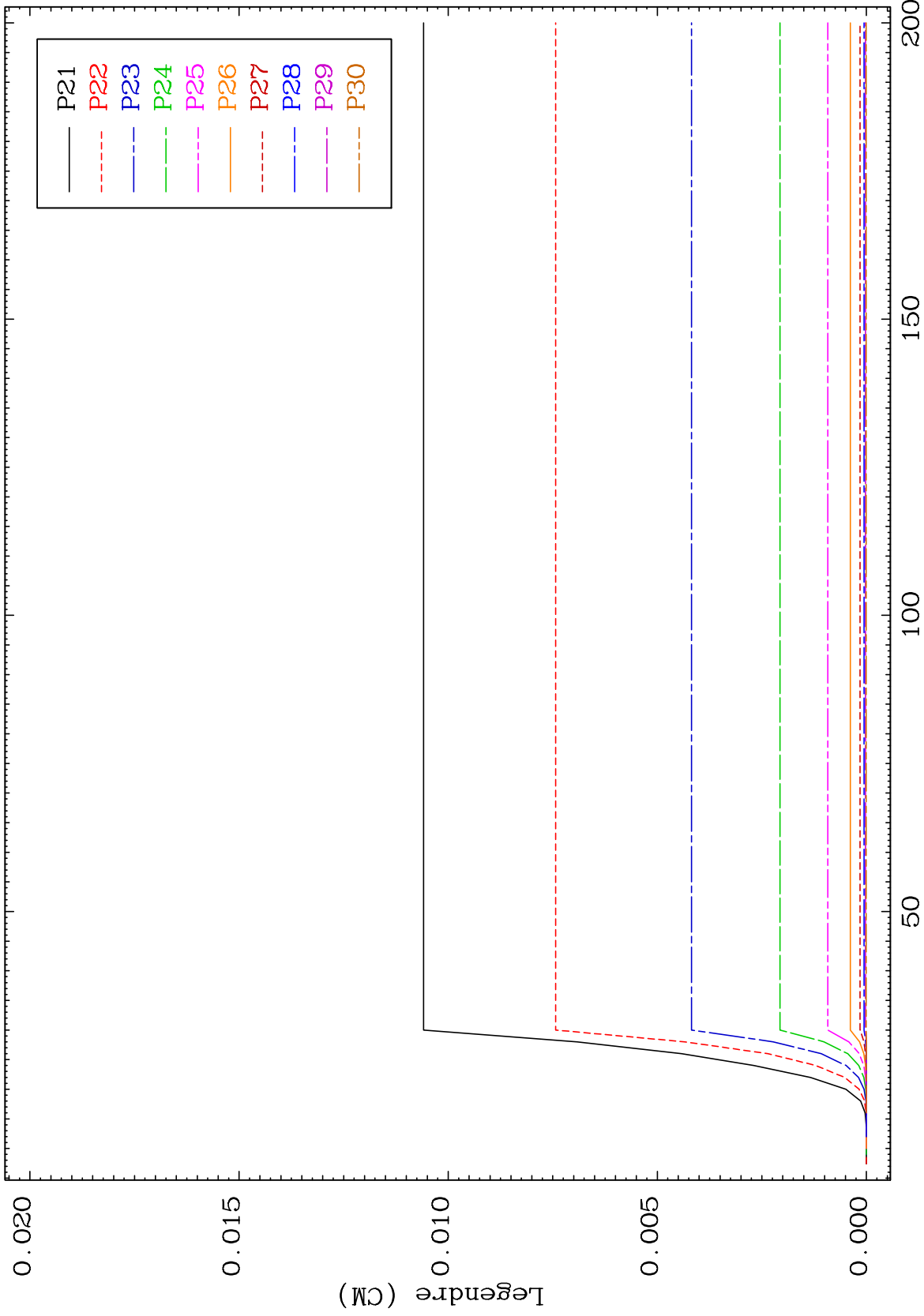
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MAT 8213

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

82-Pb-200



22

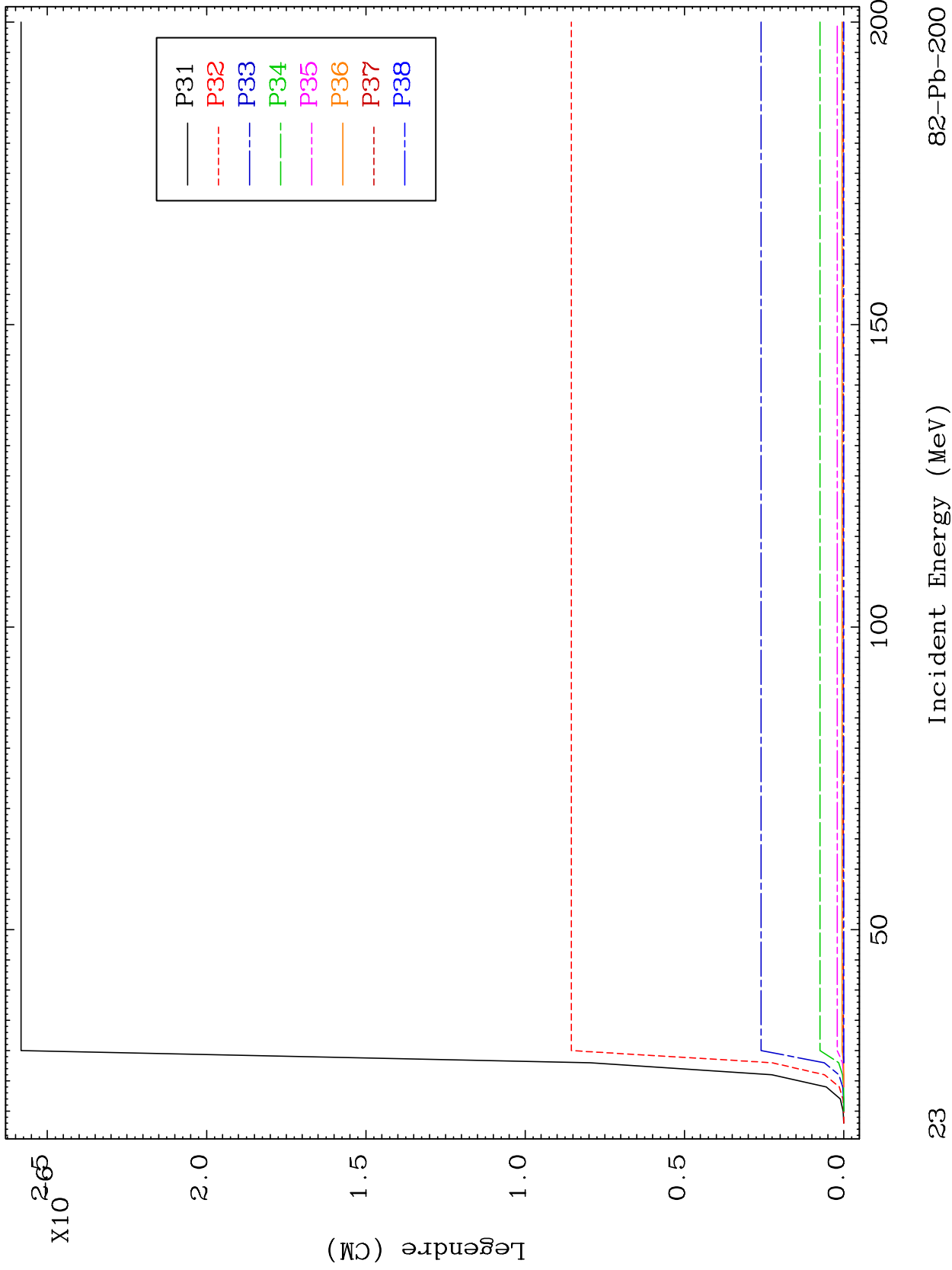
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

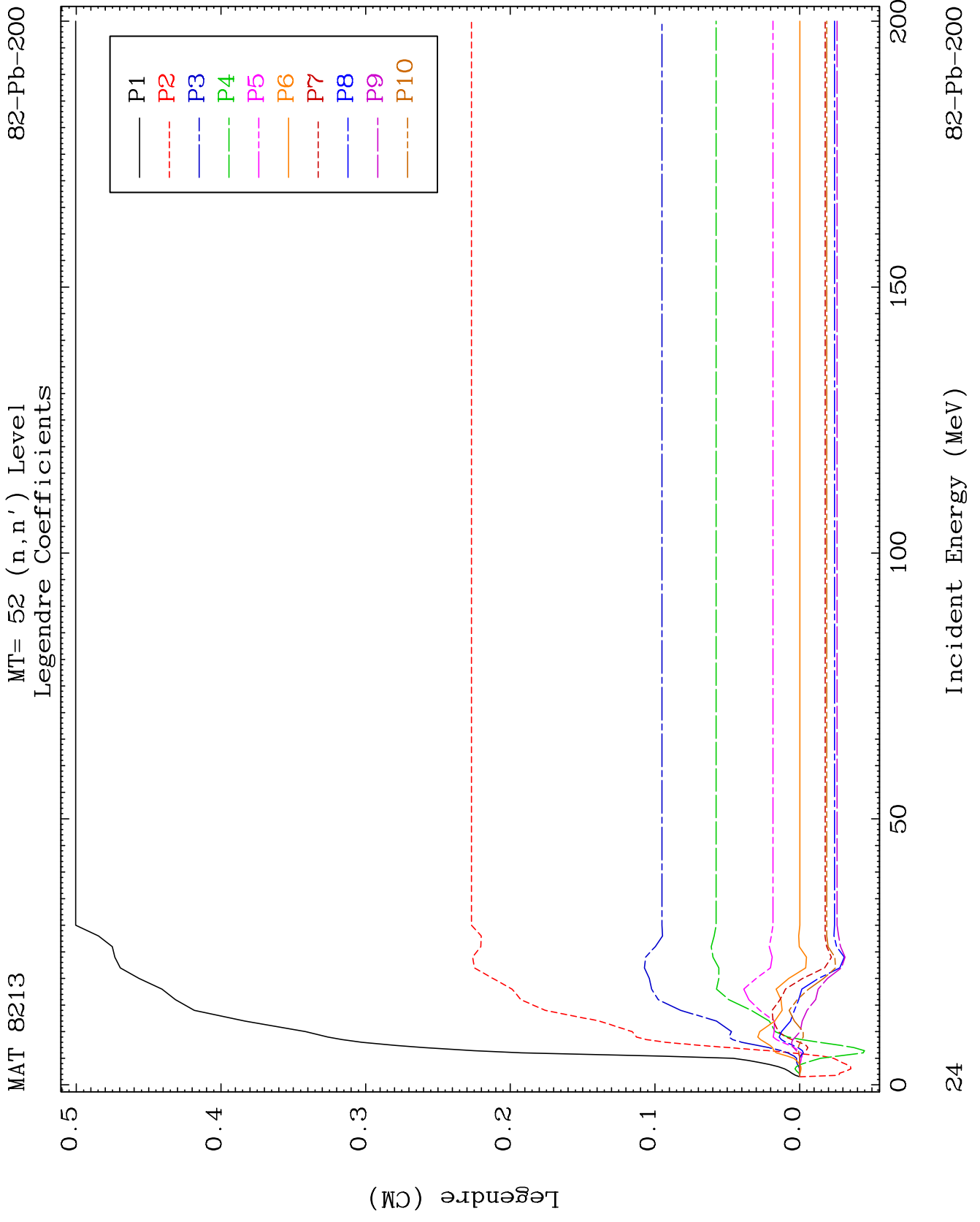
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23

Incident Energy (MeV)

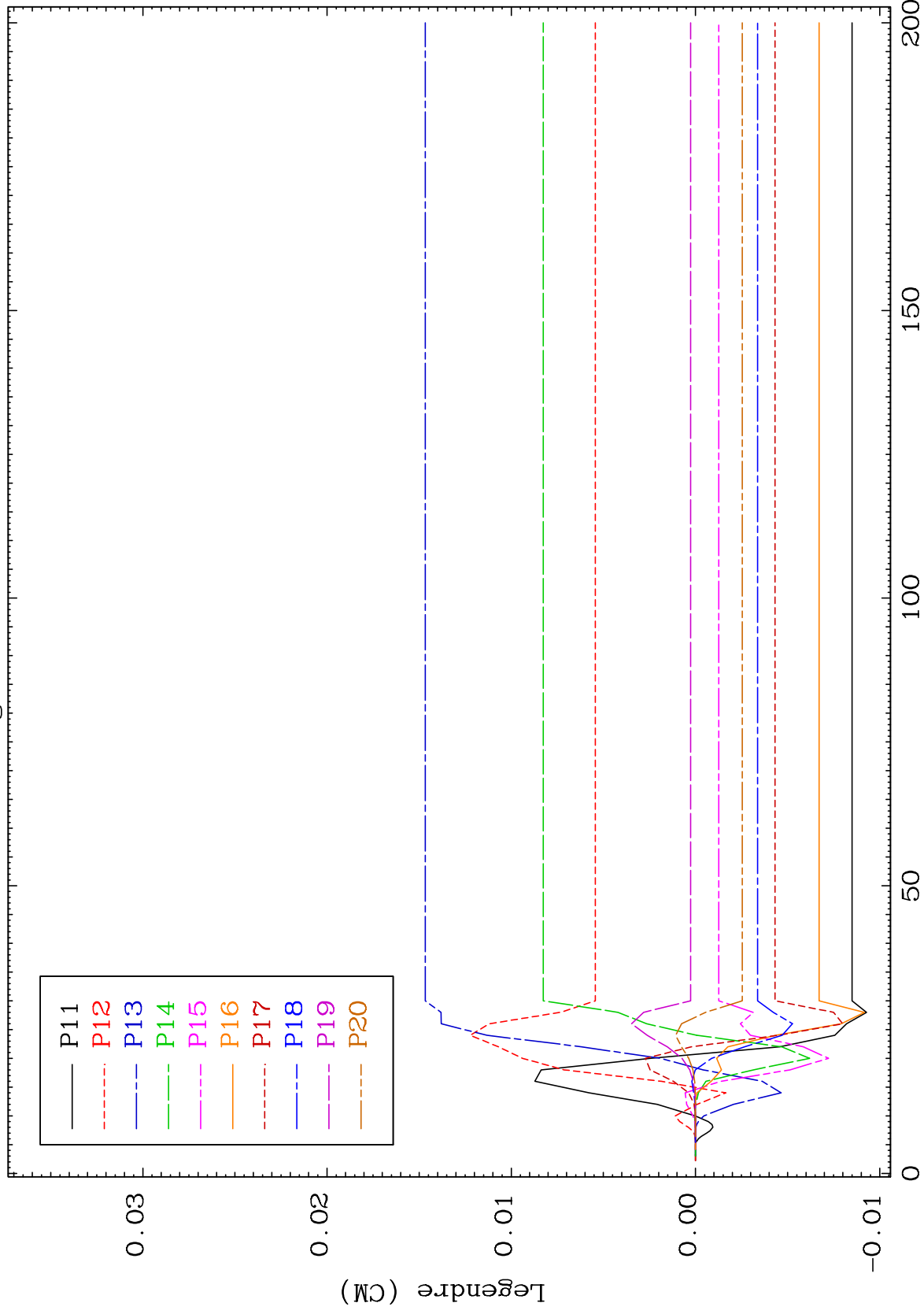
82-Pb-200



MAT 8213

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

82-Pb-200



25

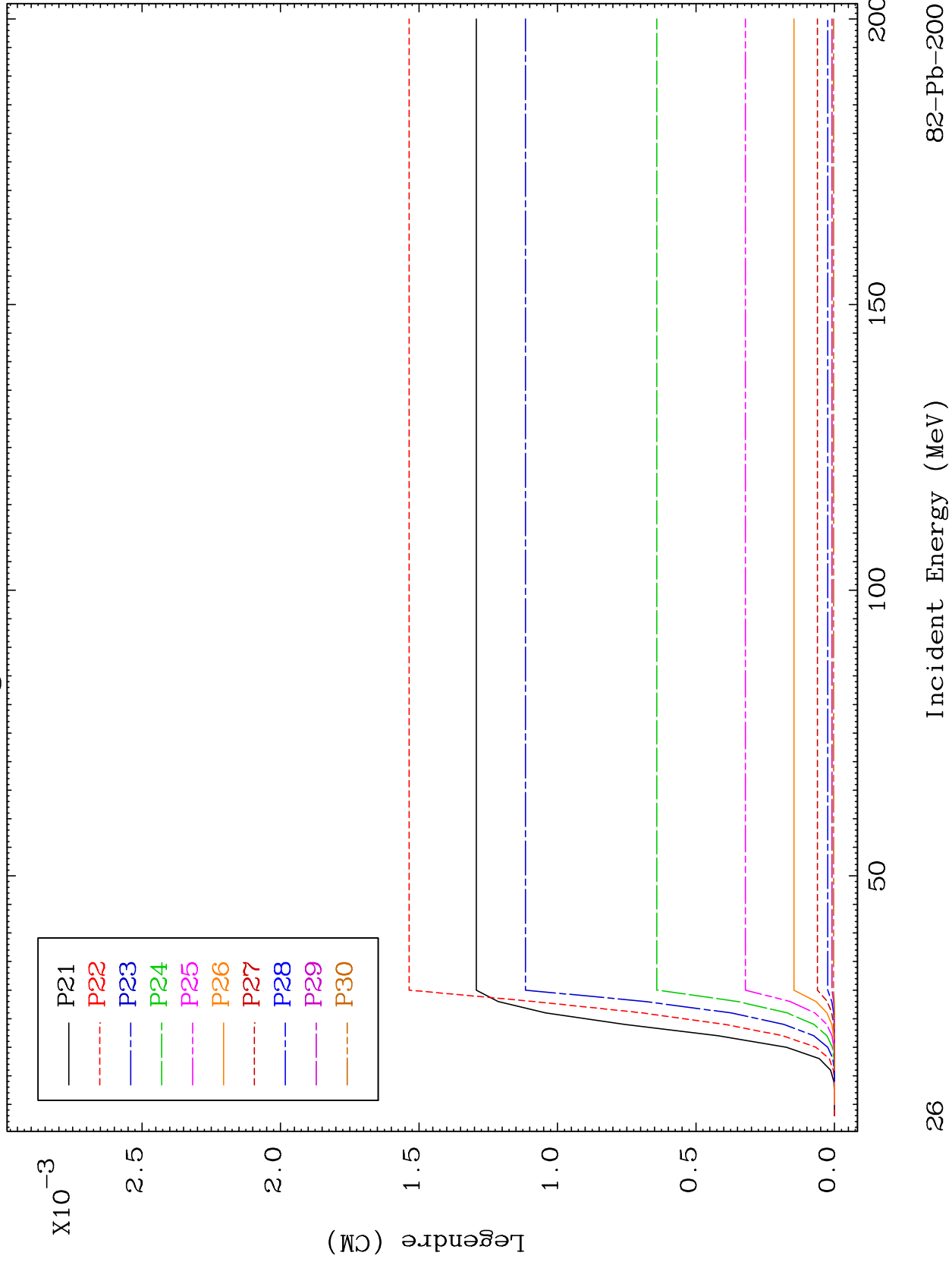
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

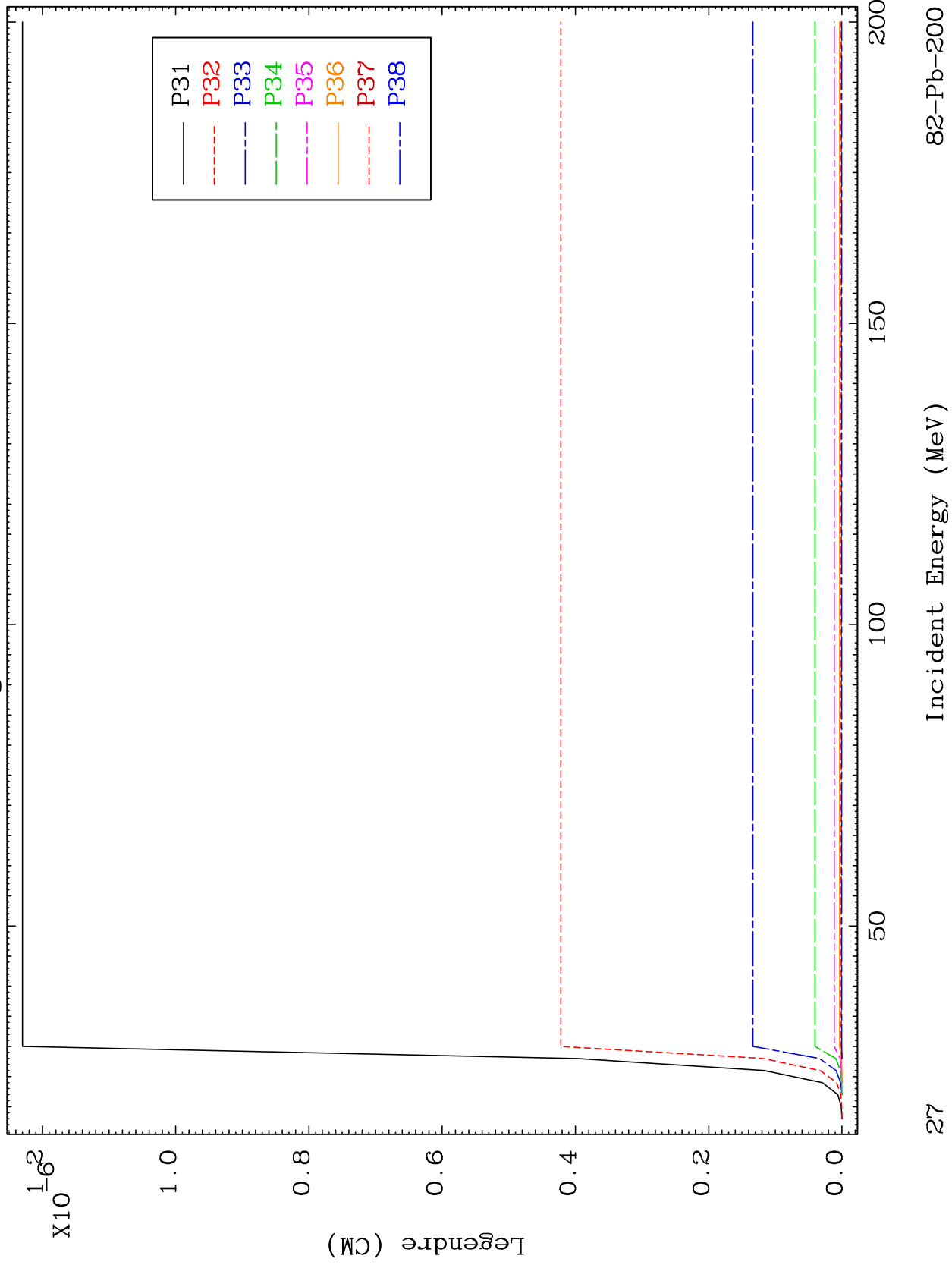
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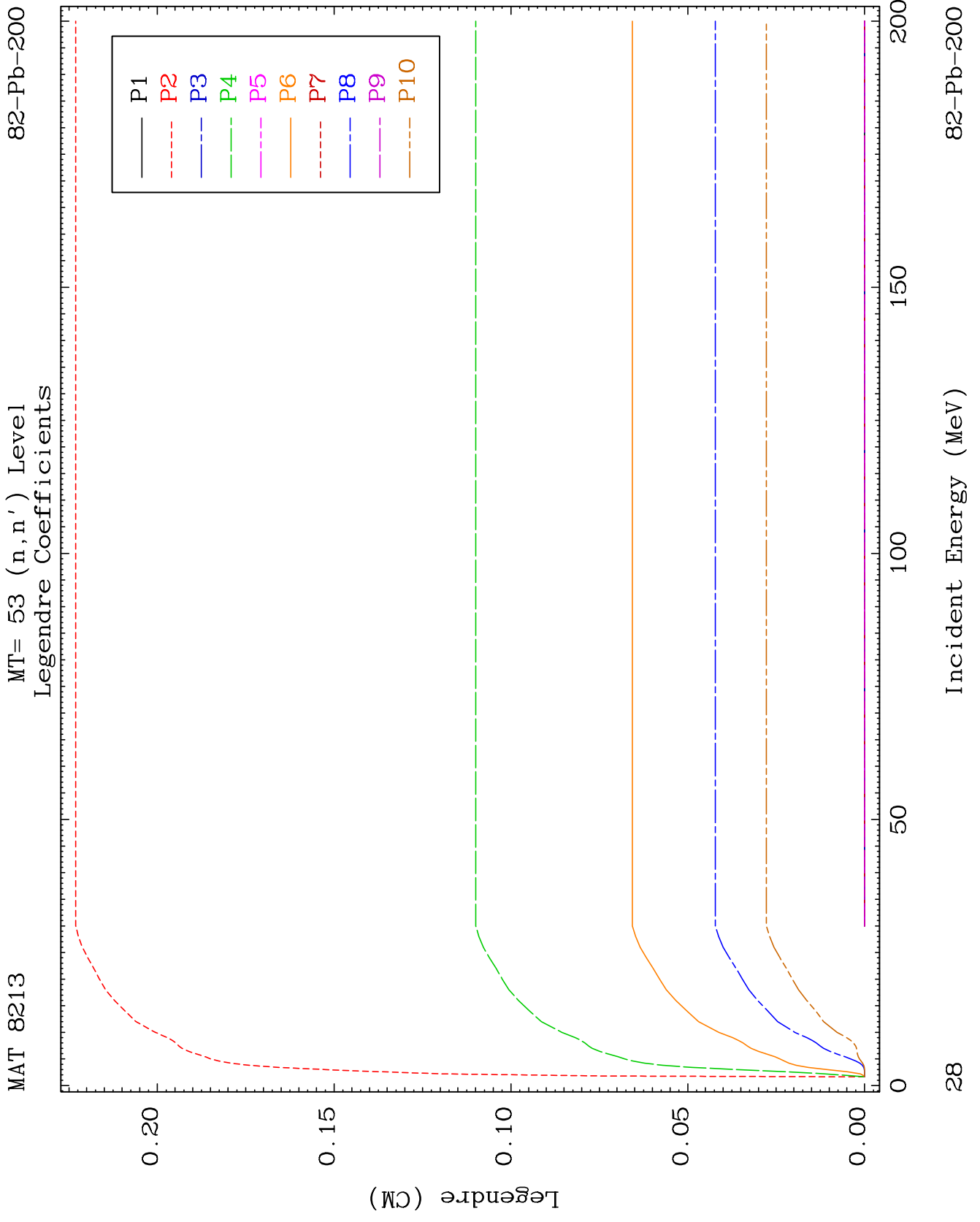


MAT 8213

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

82-Pb-200

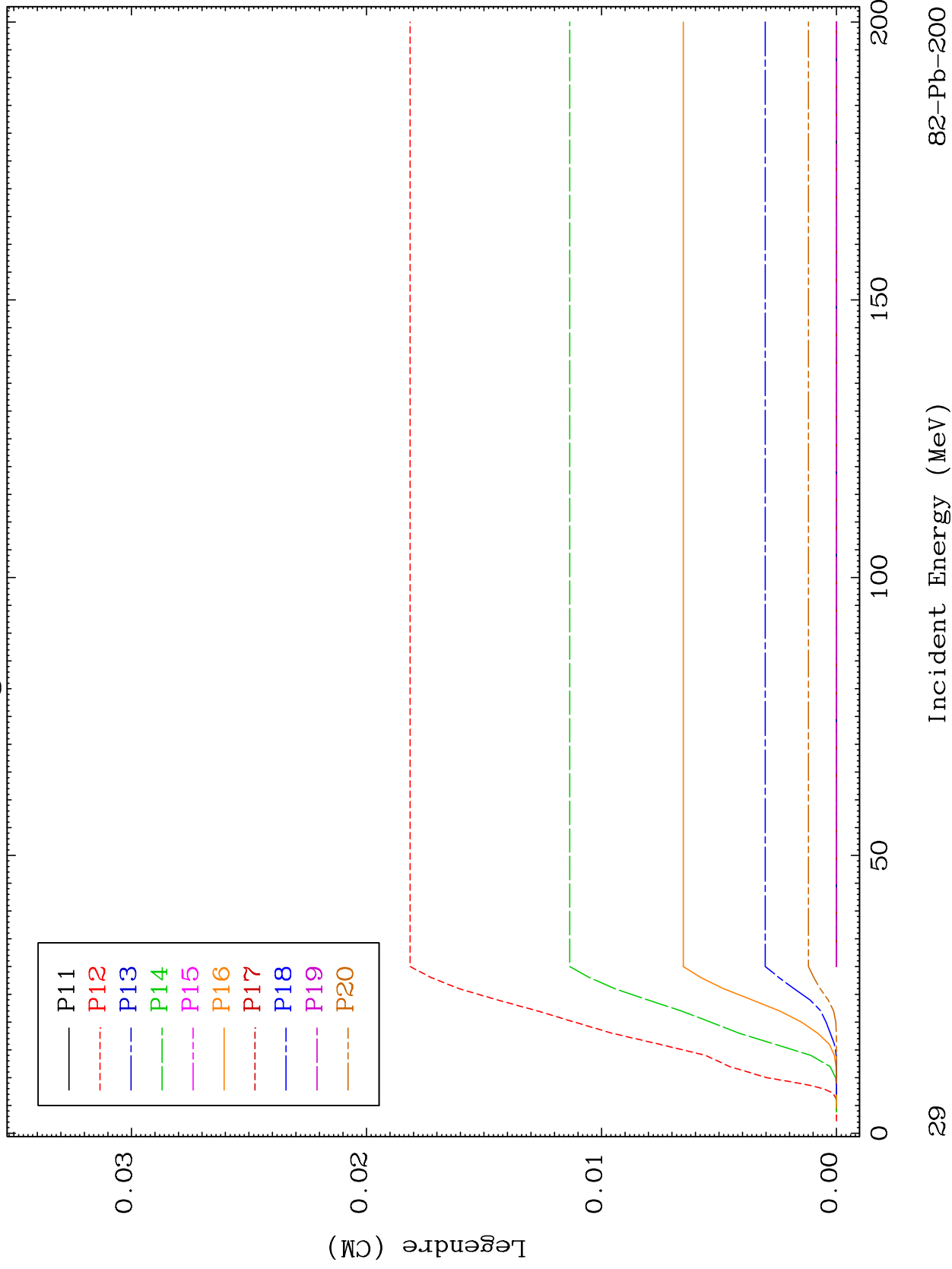




MAT 8213

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

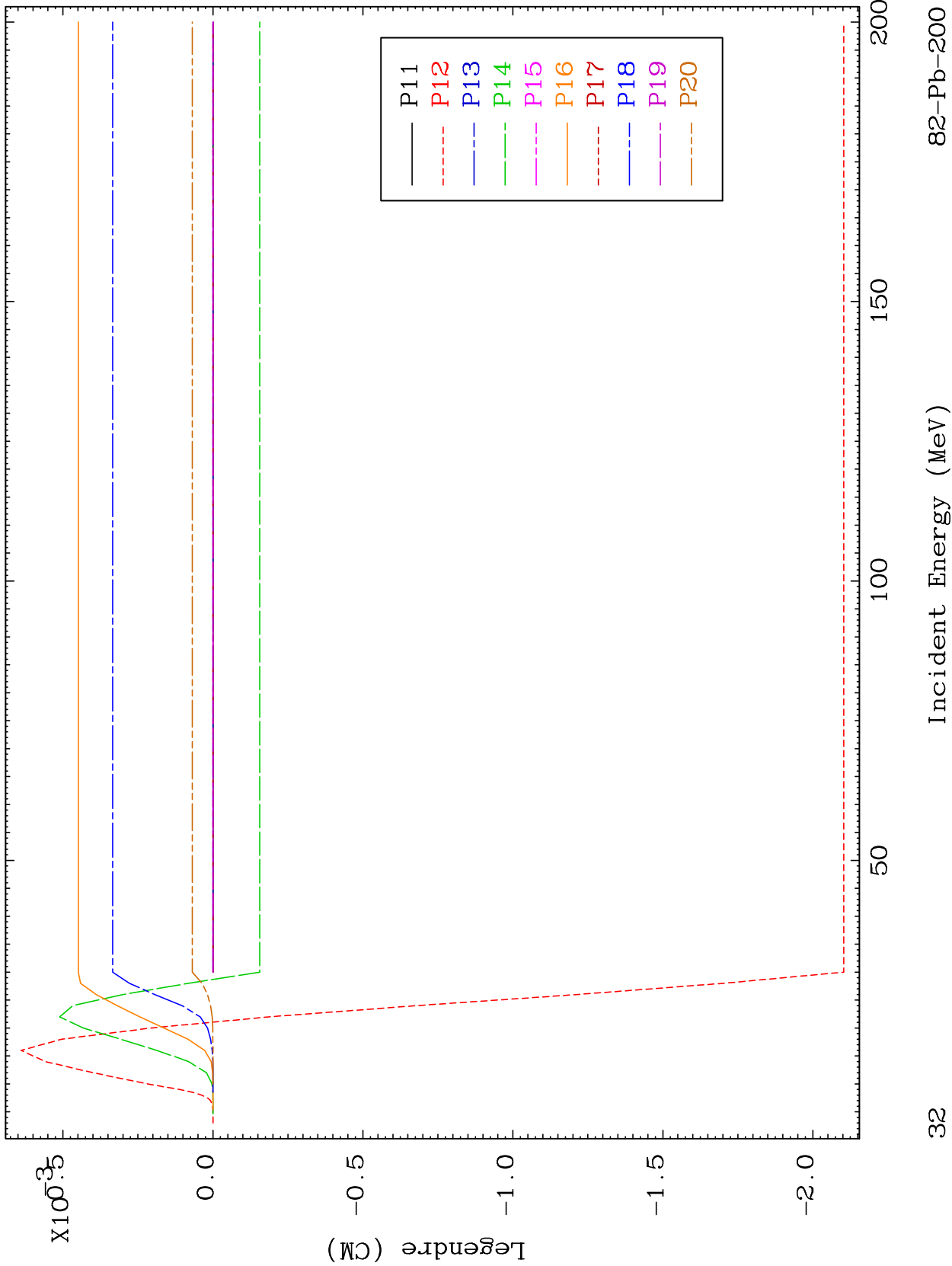
82-Pb-200



MAT 8213

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

82-Pb-200



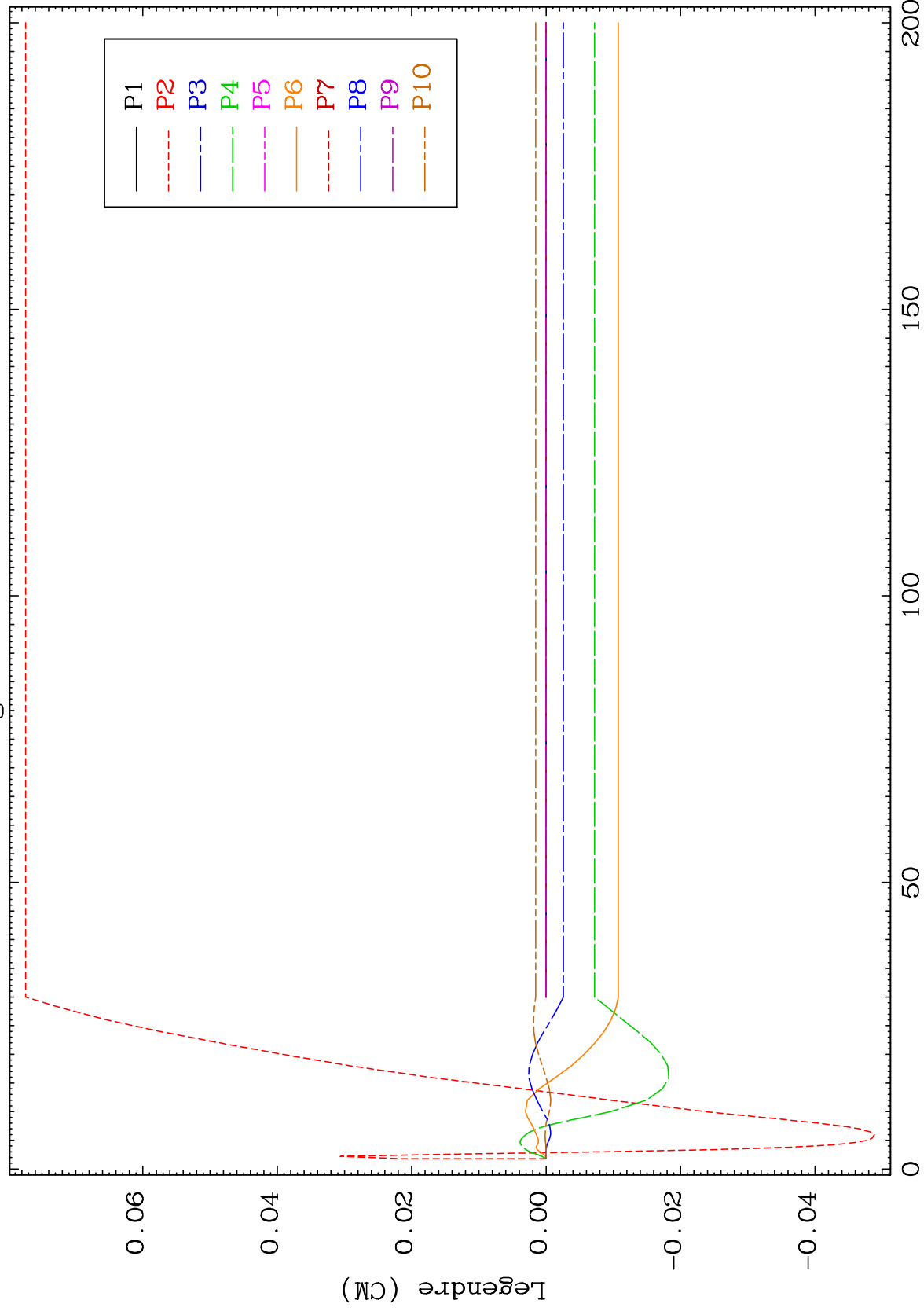
32

82-Pb-200

MAT 8213

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

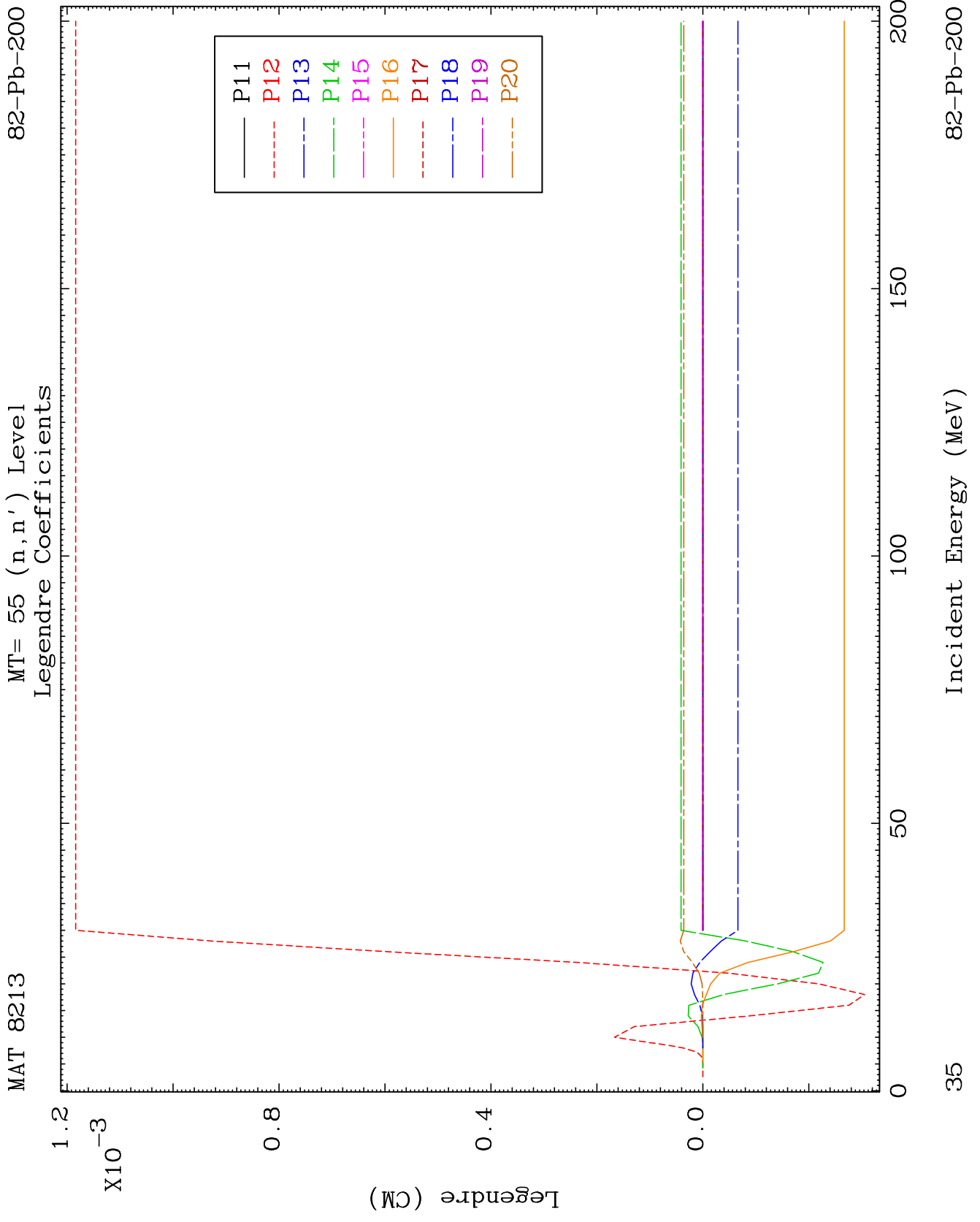
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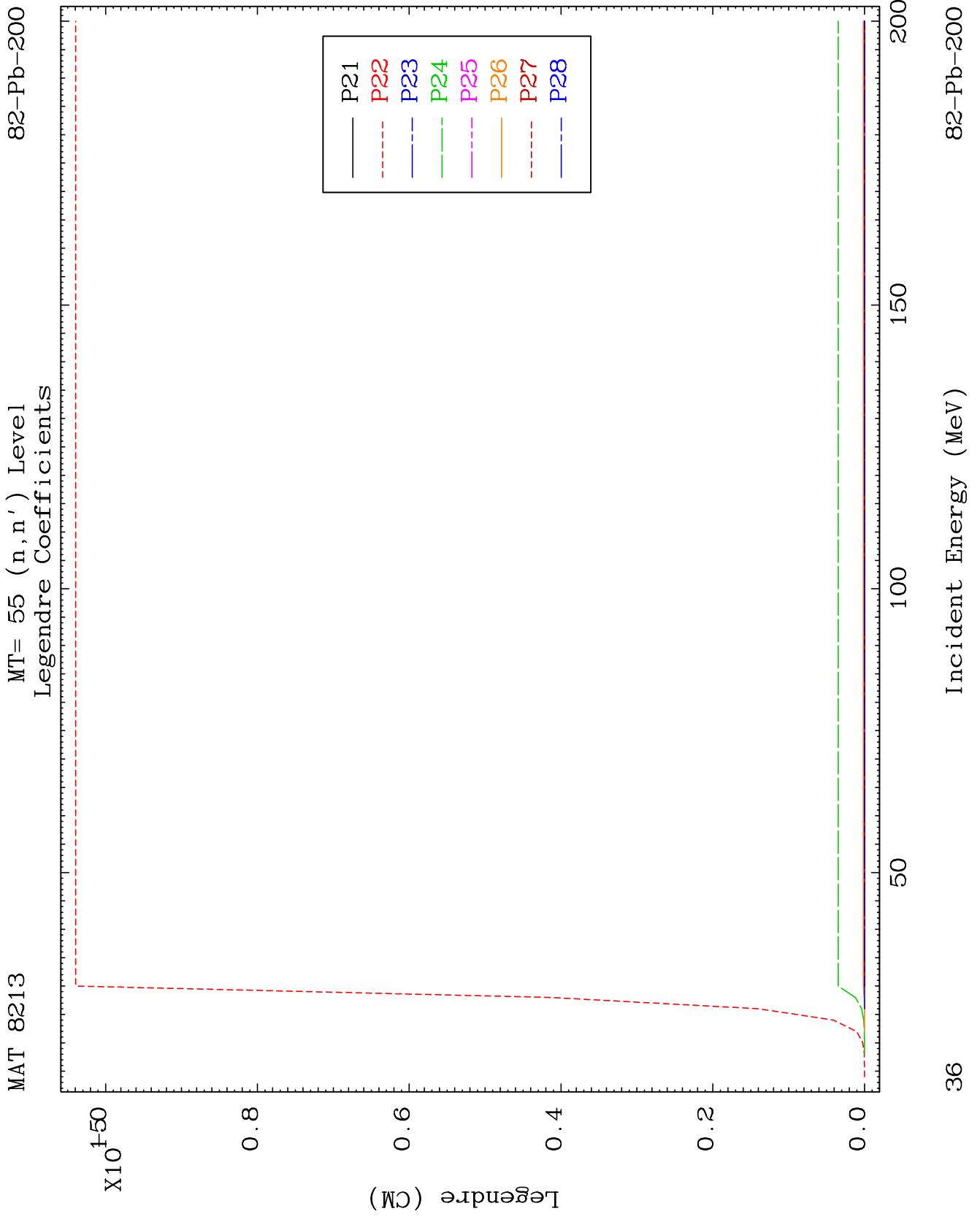


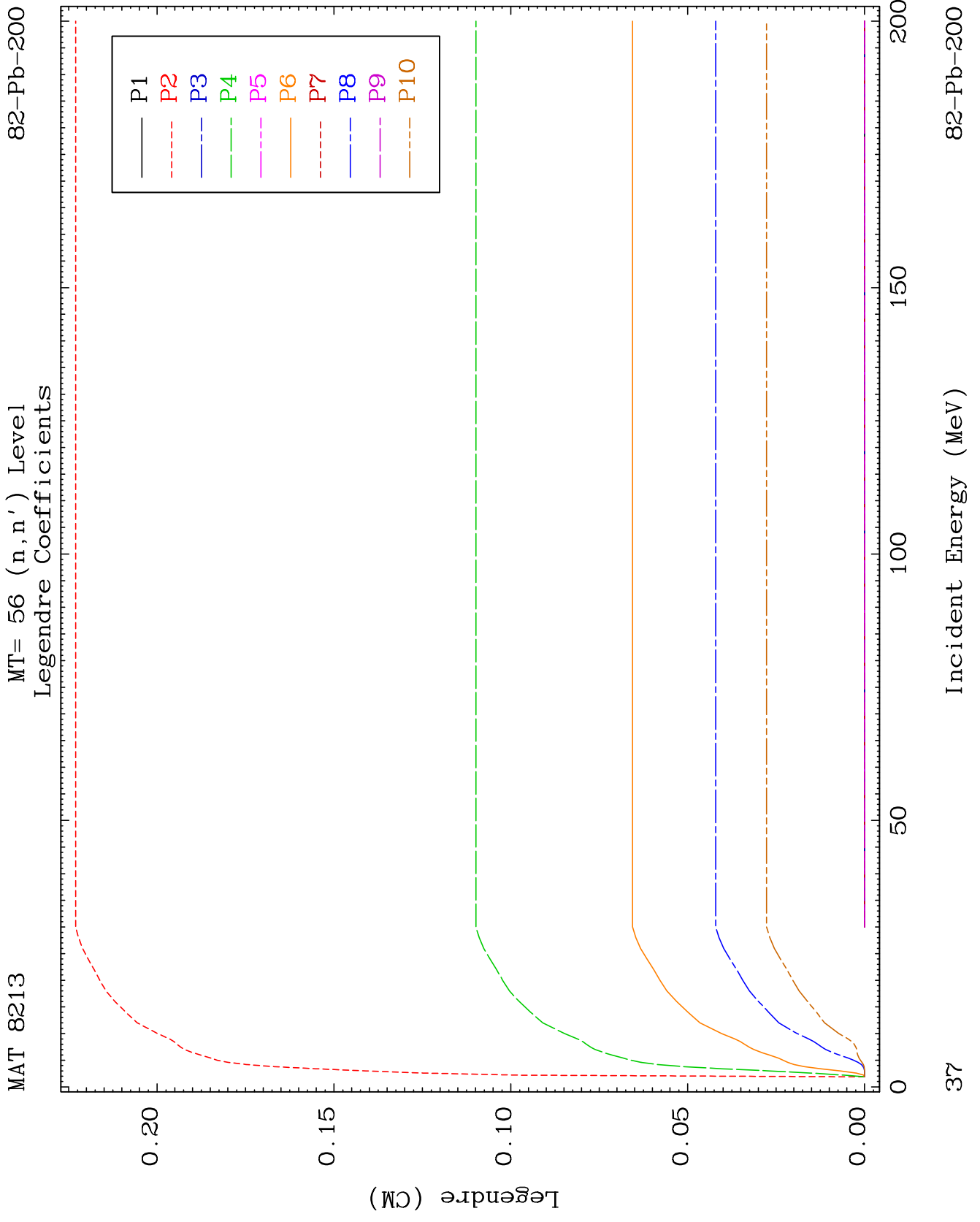
82-Pb-200

Incident Energy (MeV)

34







82-Pb-200

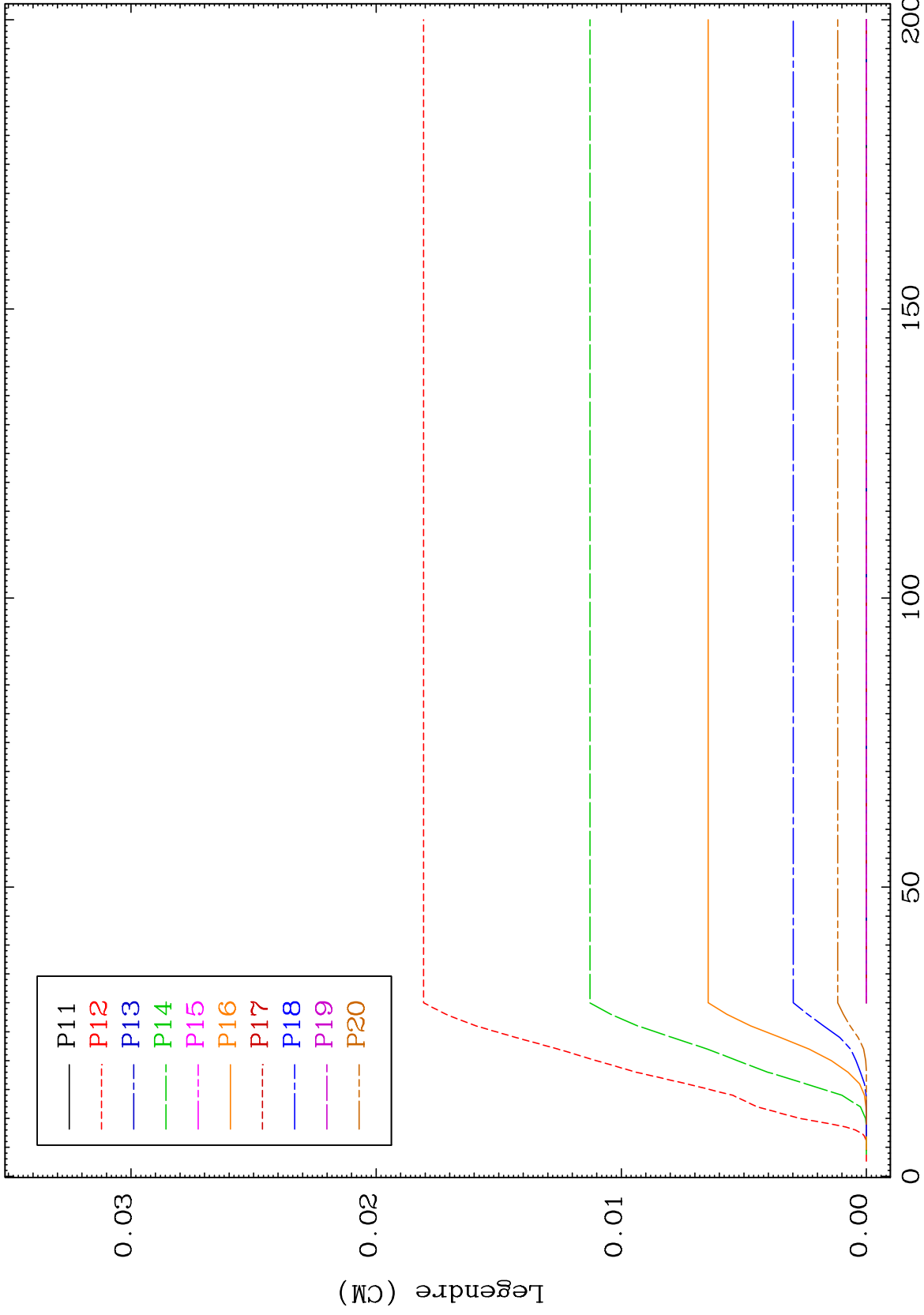
Incident Energy (MeV)

37

MAT 8213

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

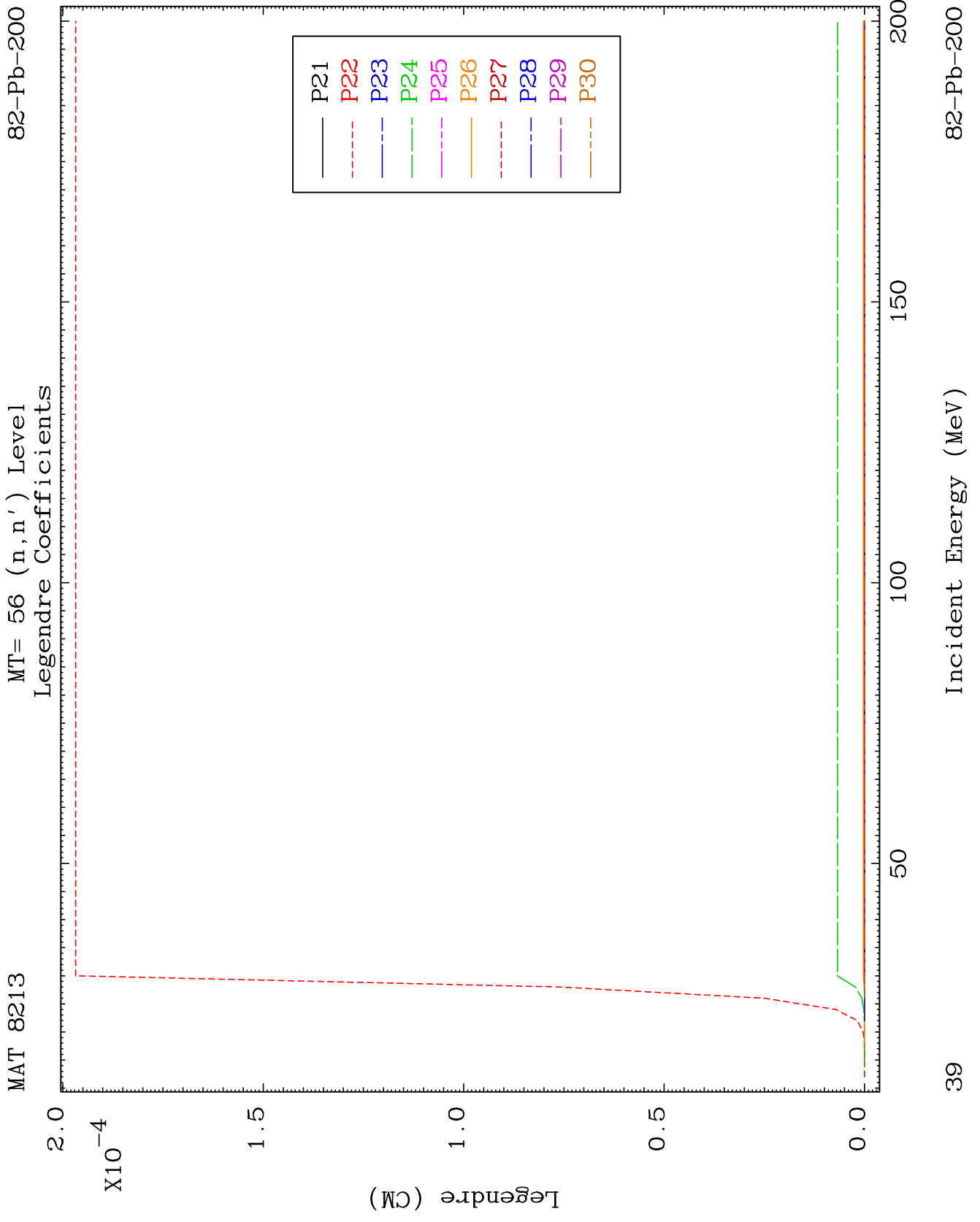
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38

Incident Energy (MeV)

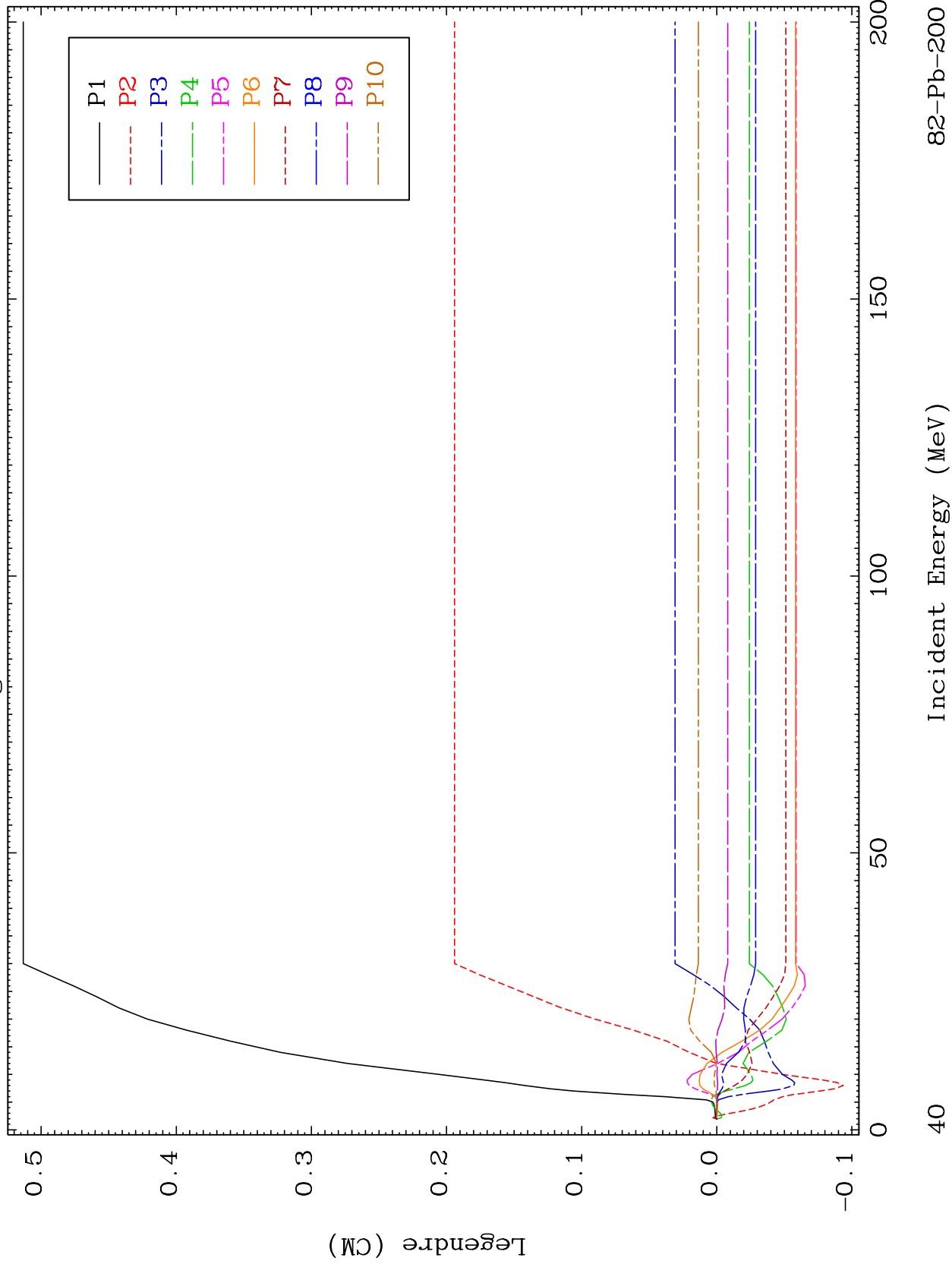
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MAT 8213

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

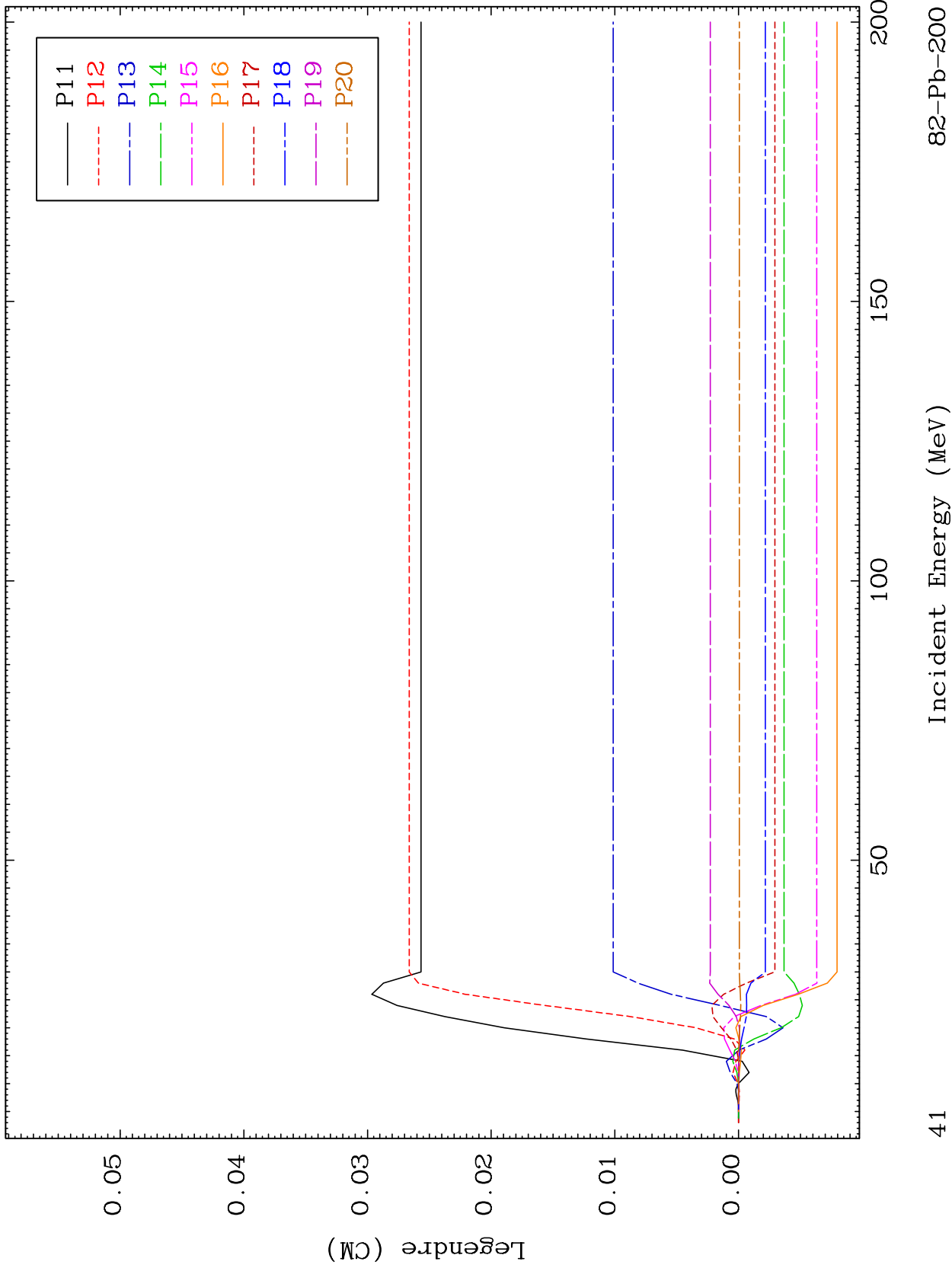
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MAT 8213

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

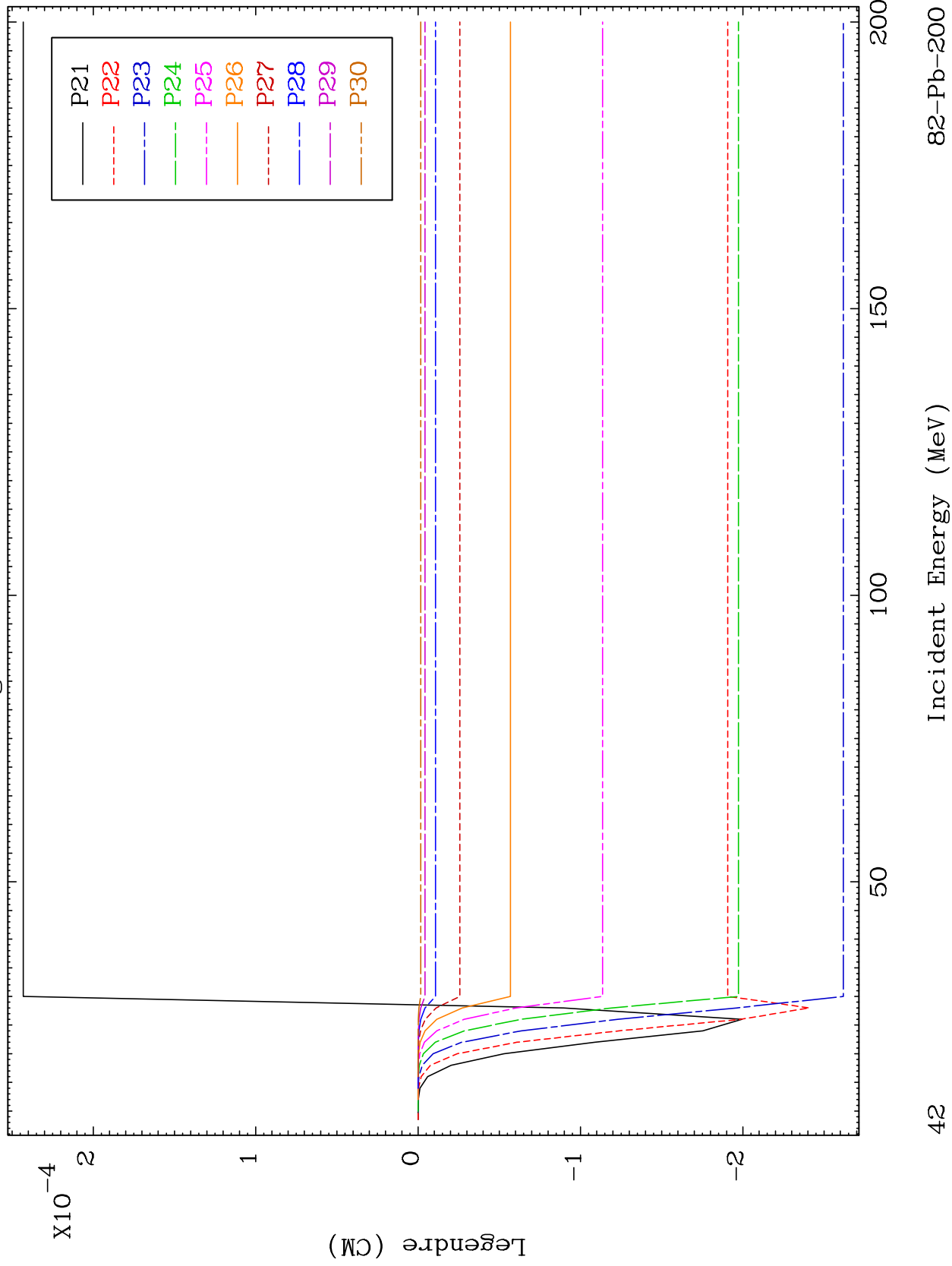
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MAT 8213

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

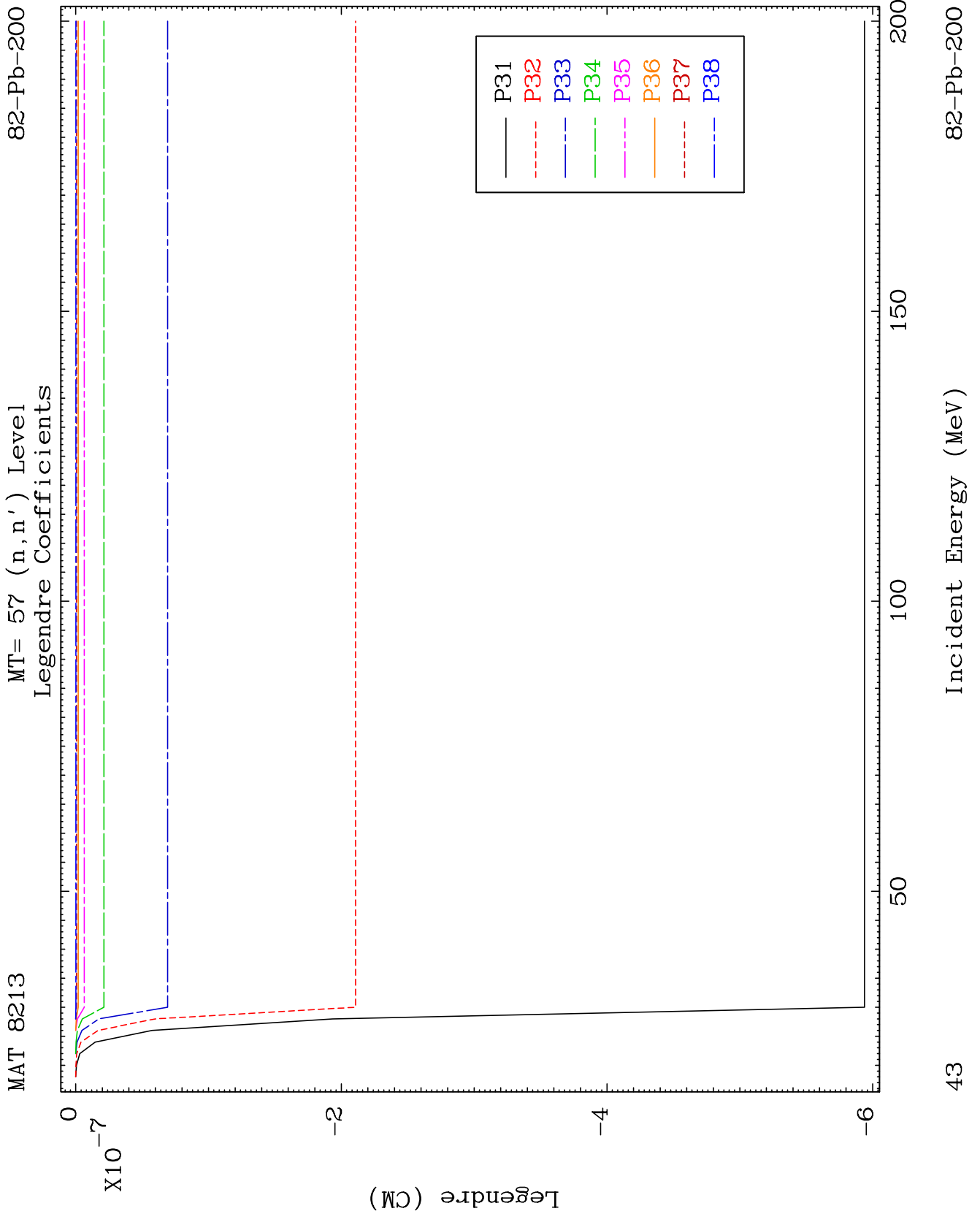
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42

Incident Energy (MeV)

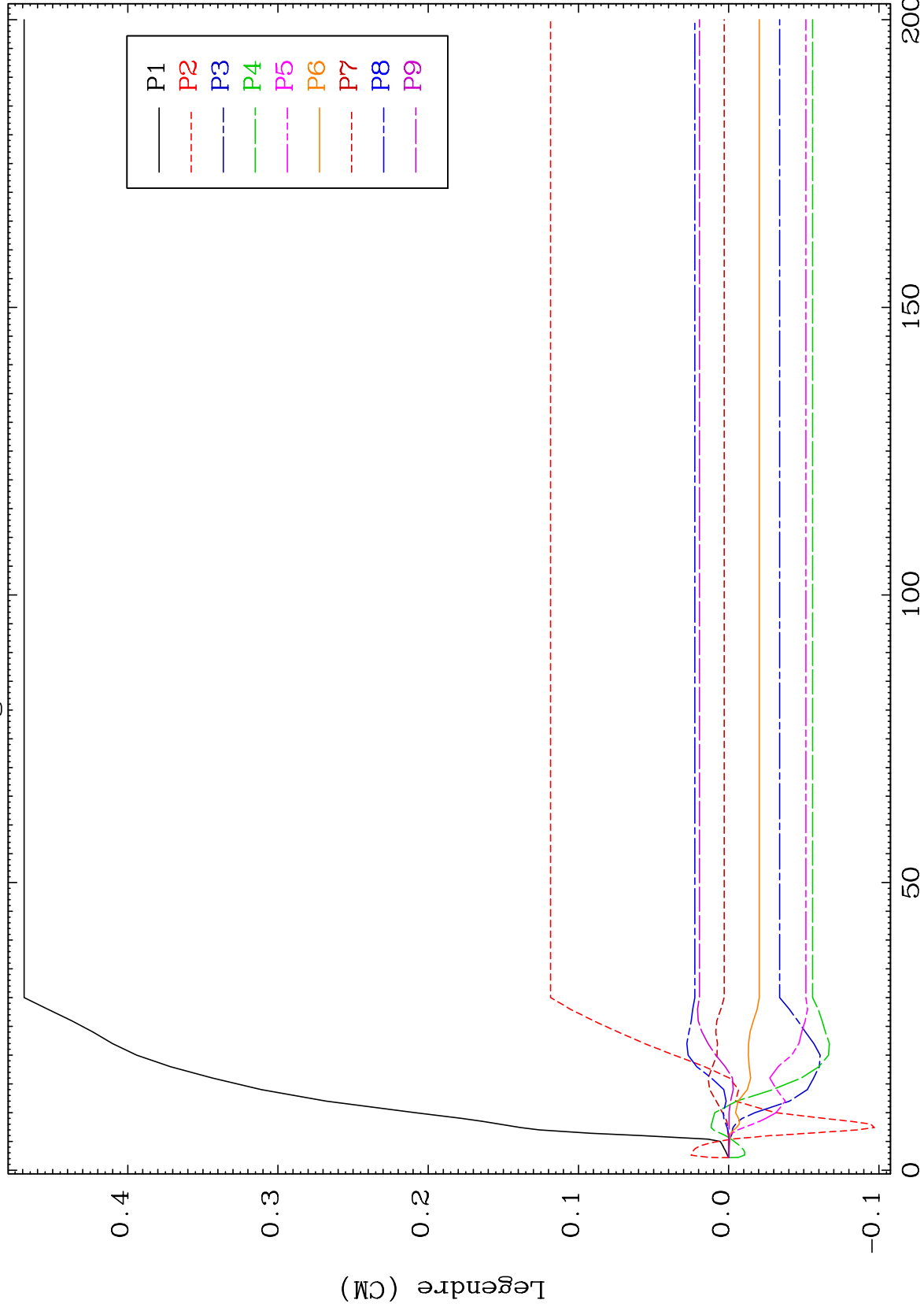
82-Pb-200



MAT 8213

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

82-Pb-200



44

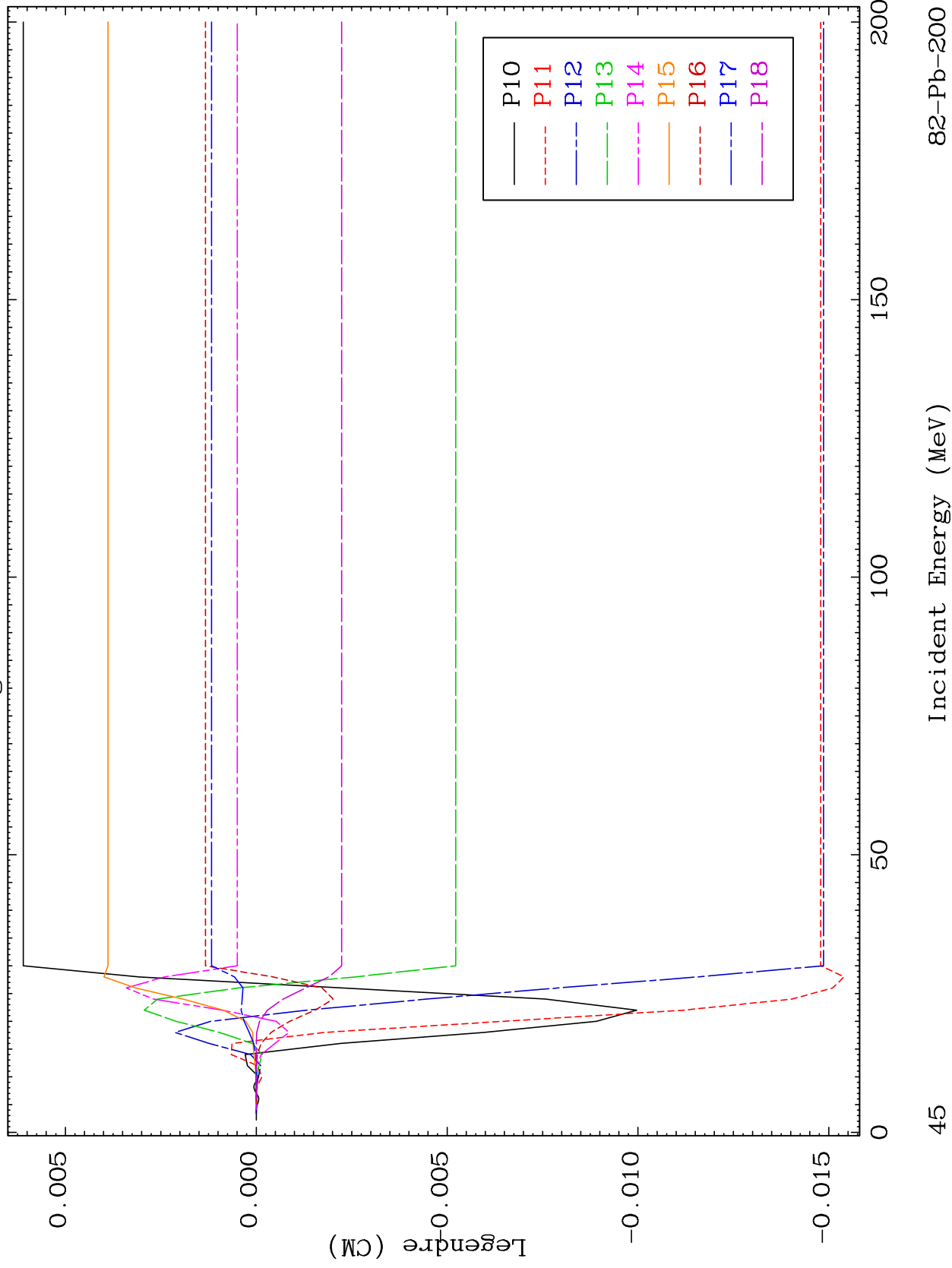
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

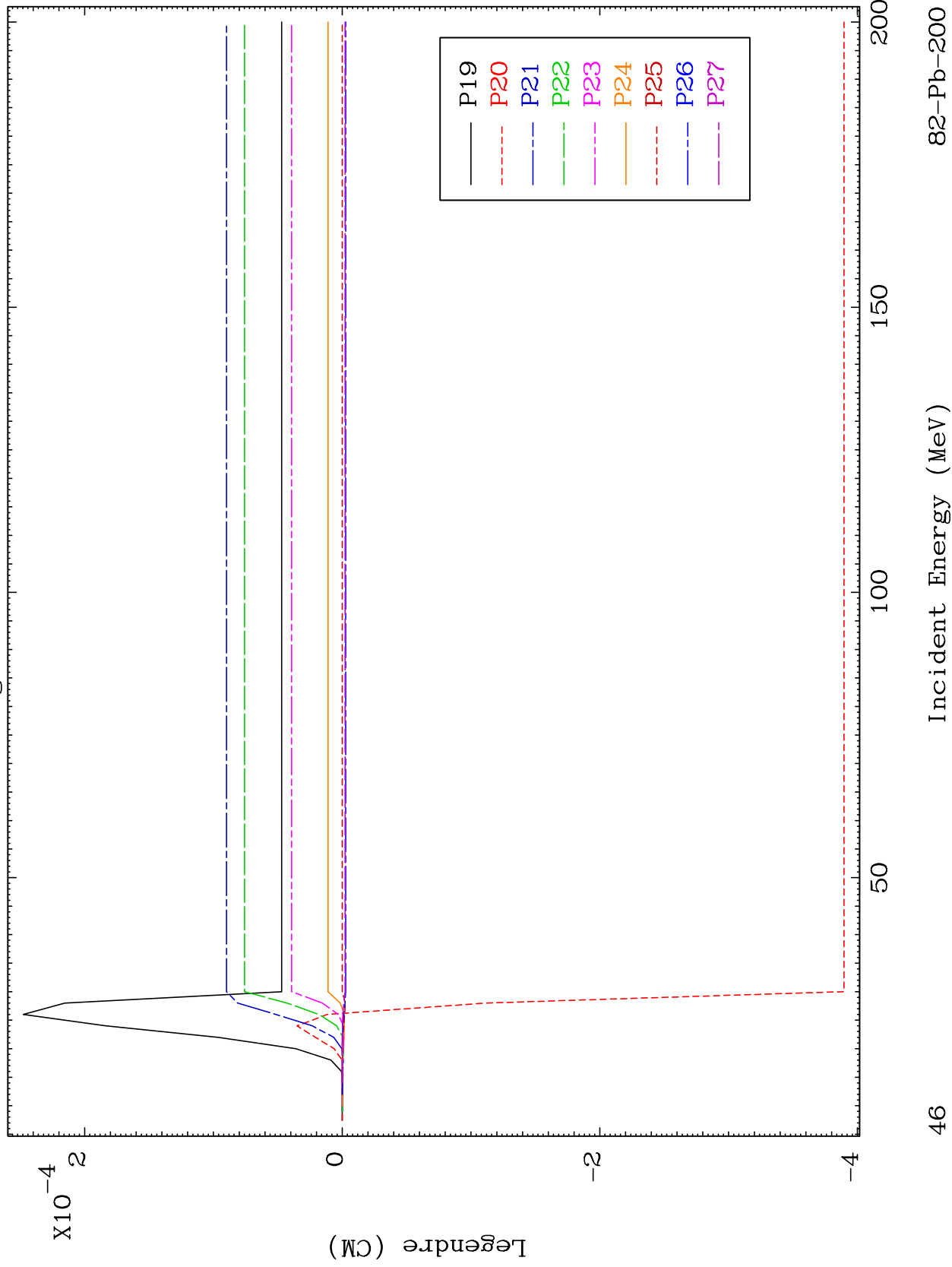
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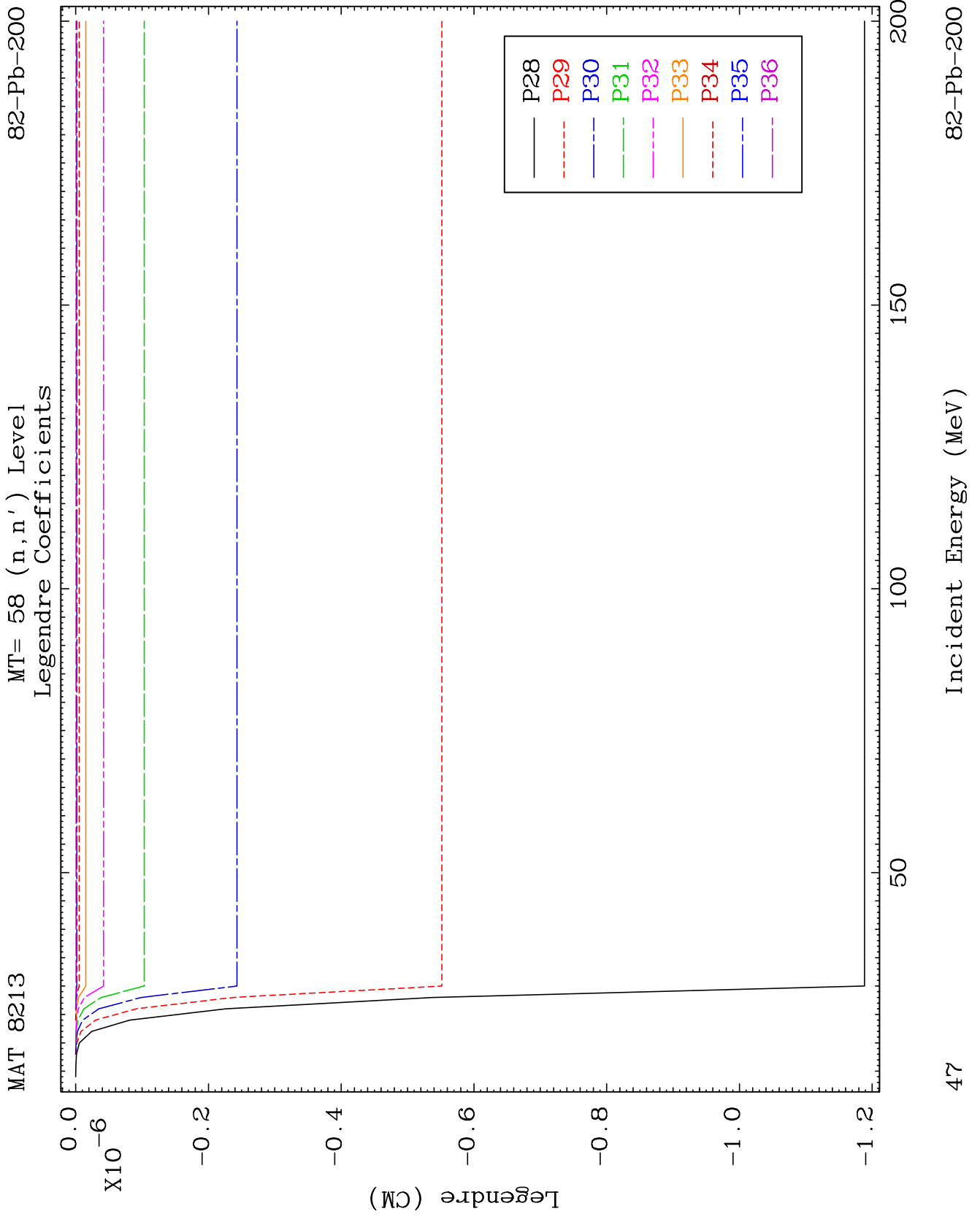


MAT 8213

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

82-Pb-200

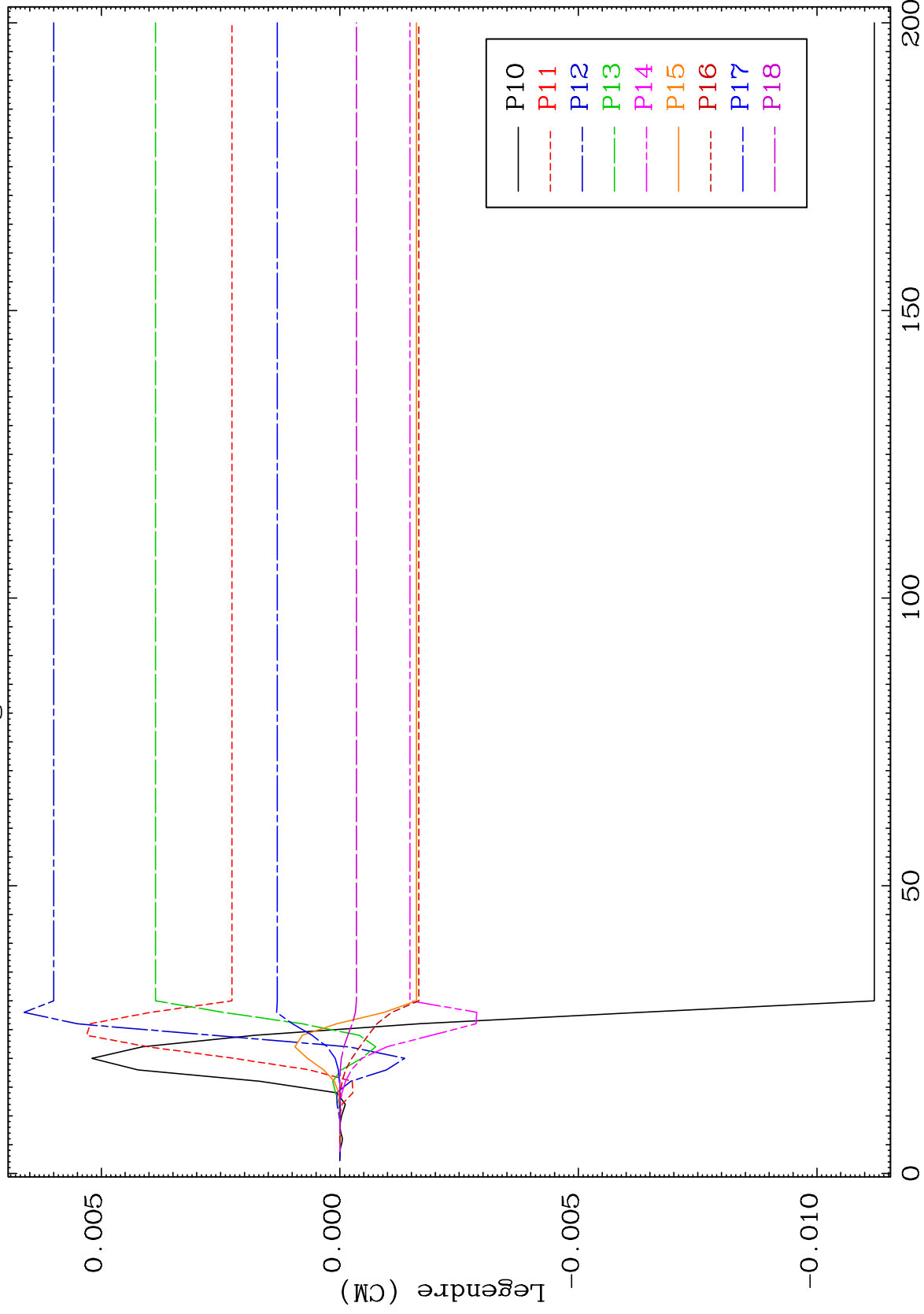




MAT 8213

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

82-Pb-200



49

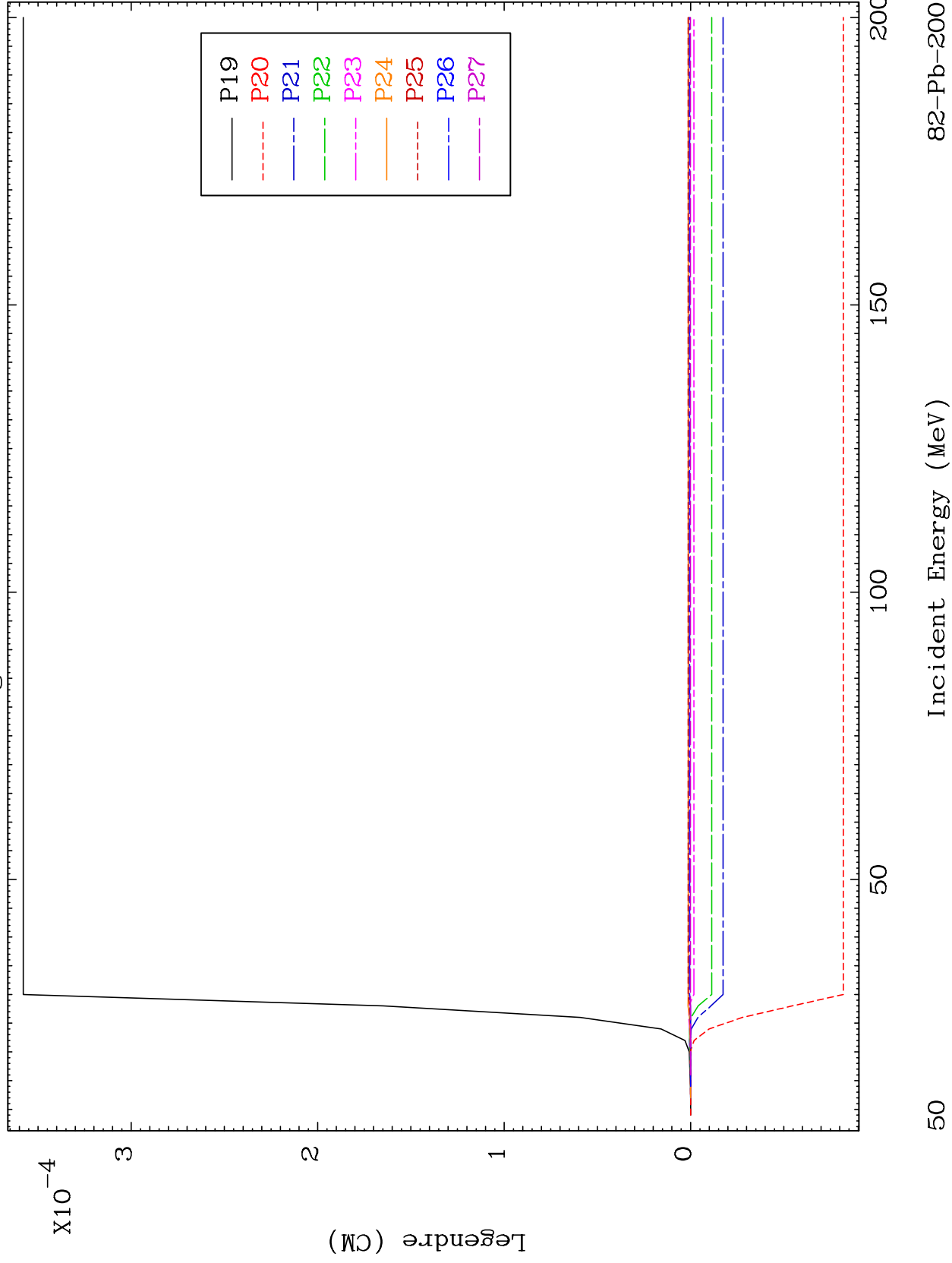
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

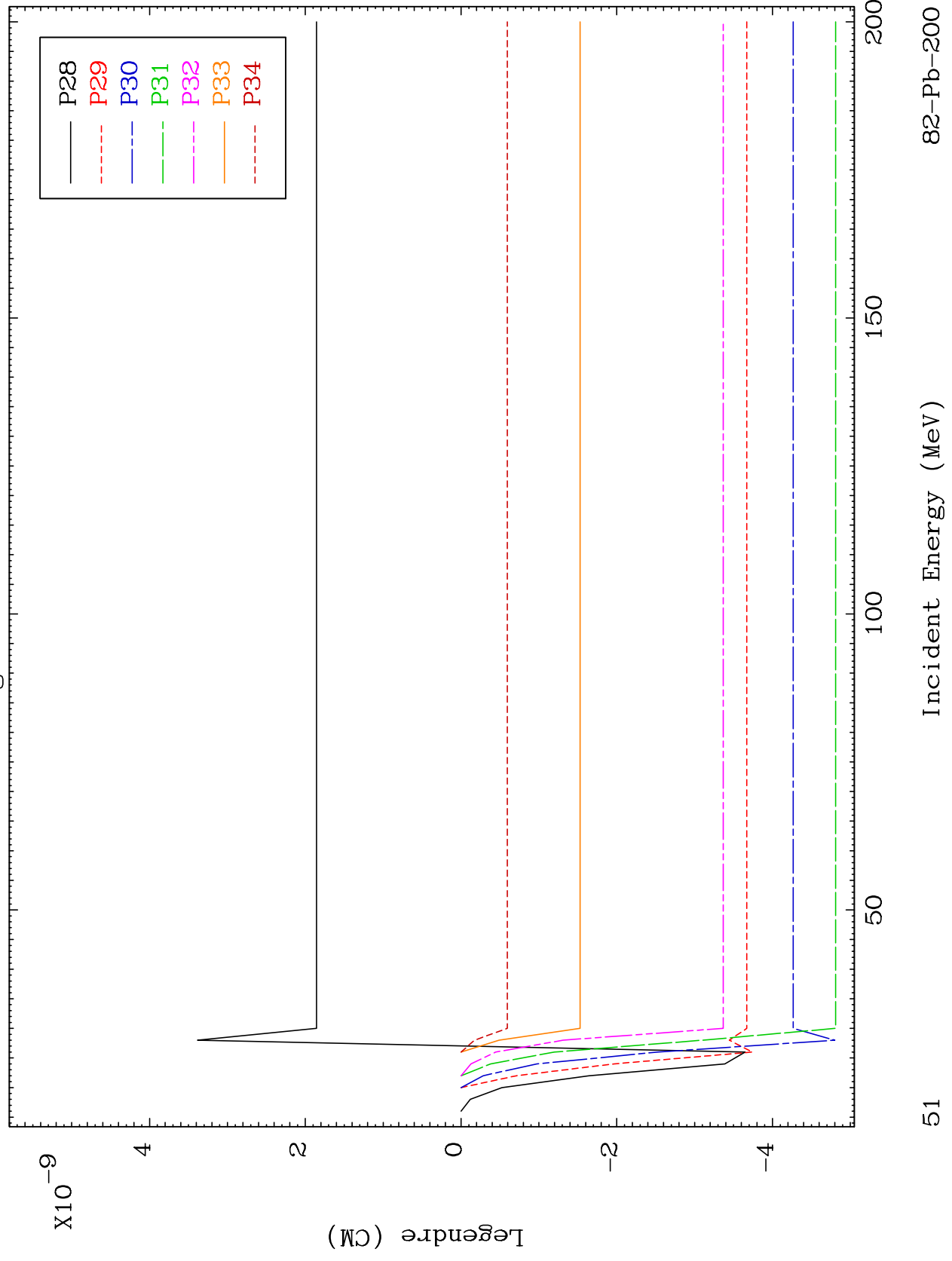
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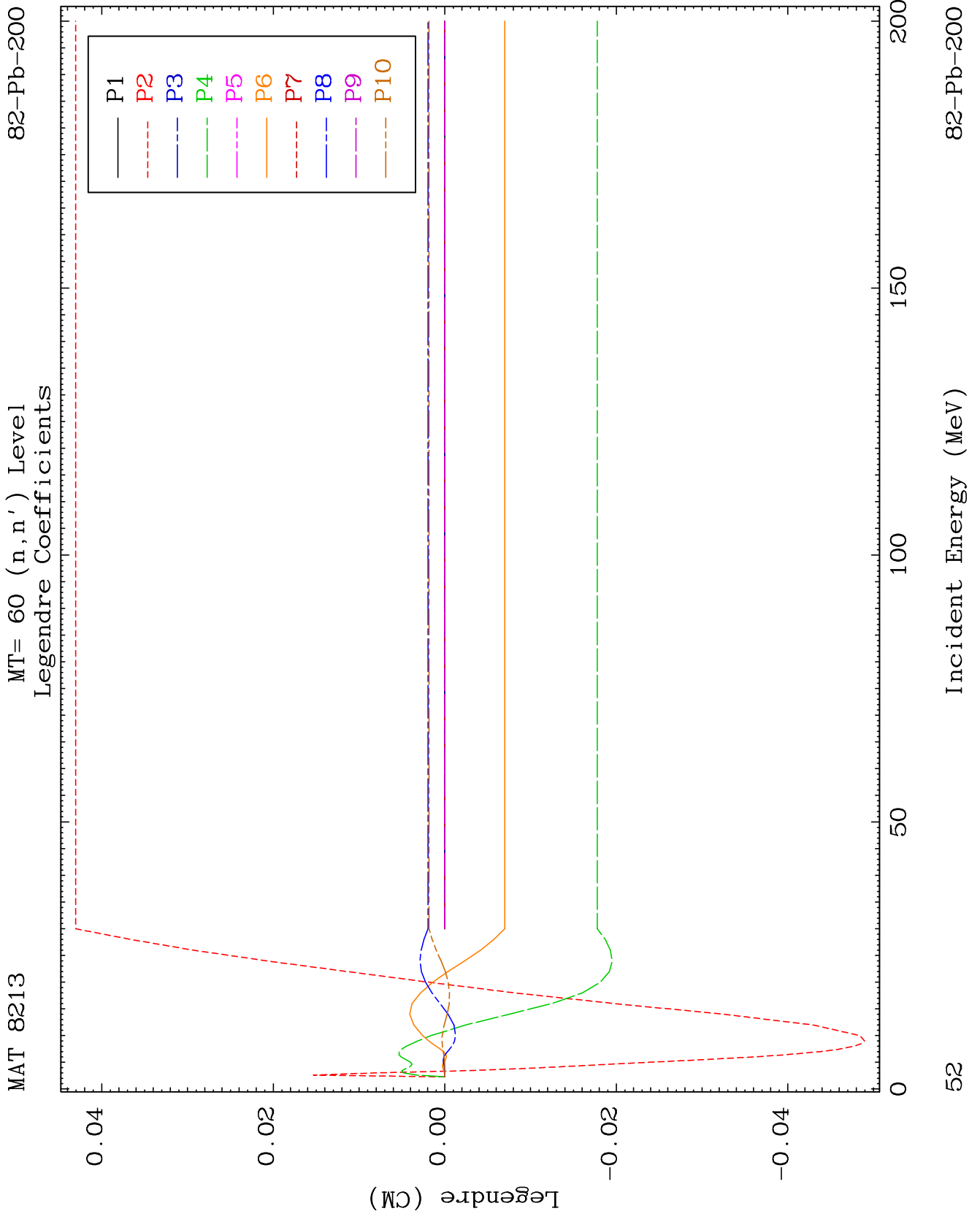


MAT 8213

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

82-Pb-200

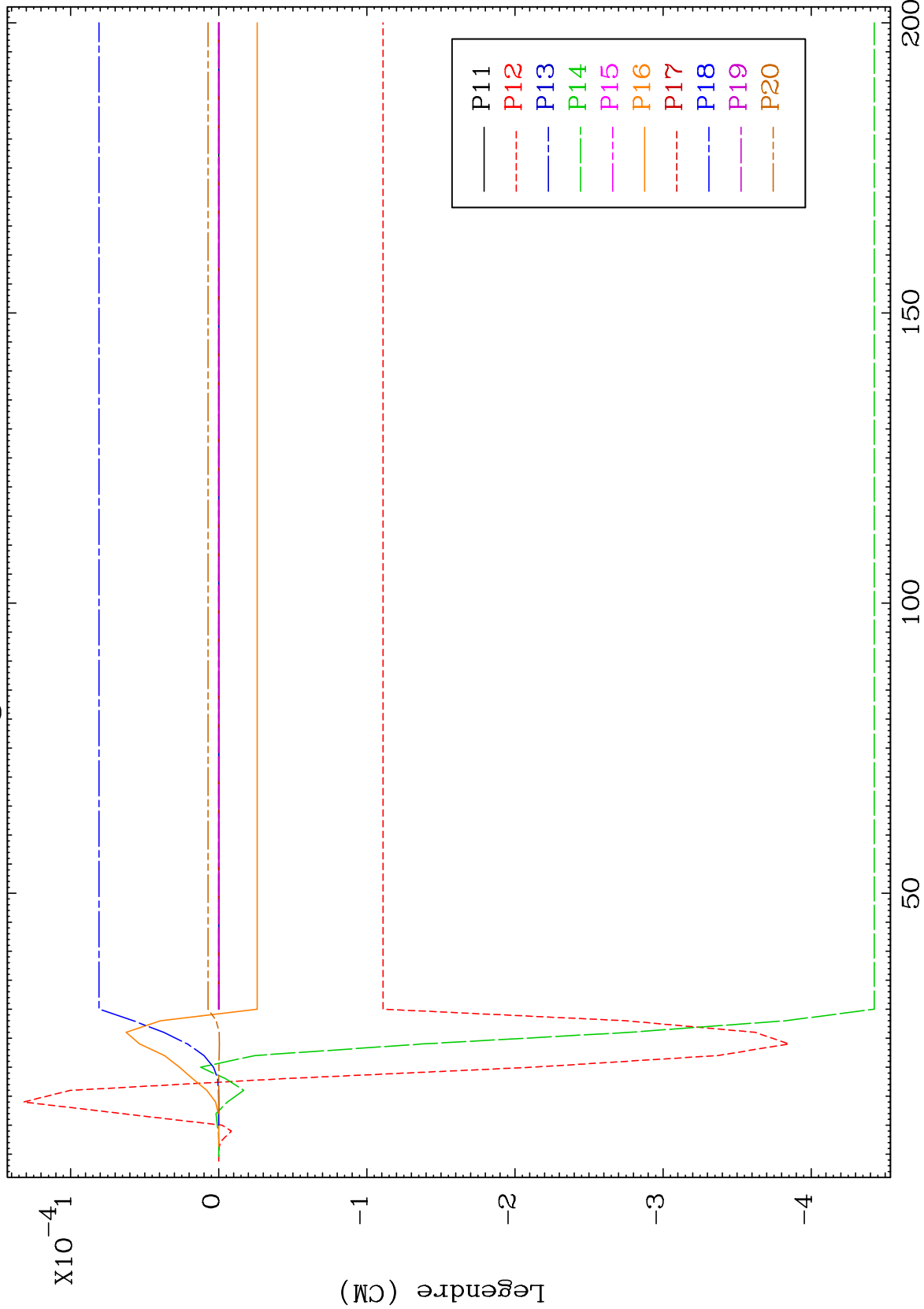


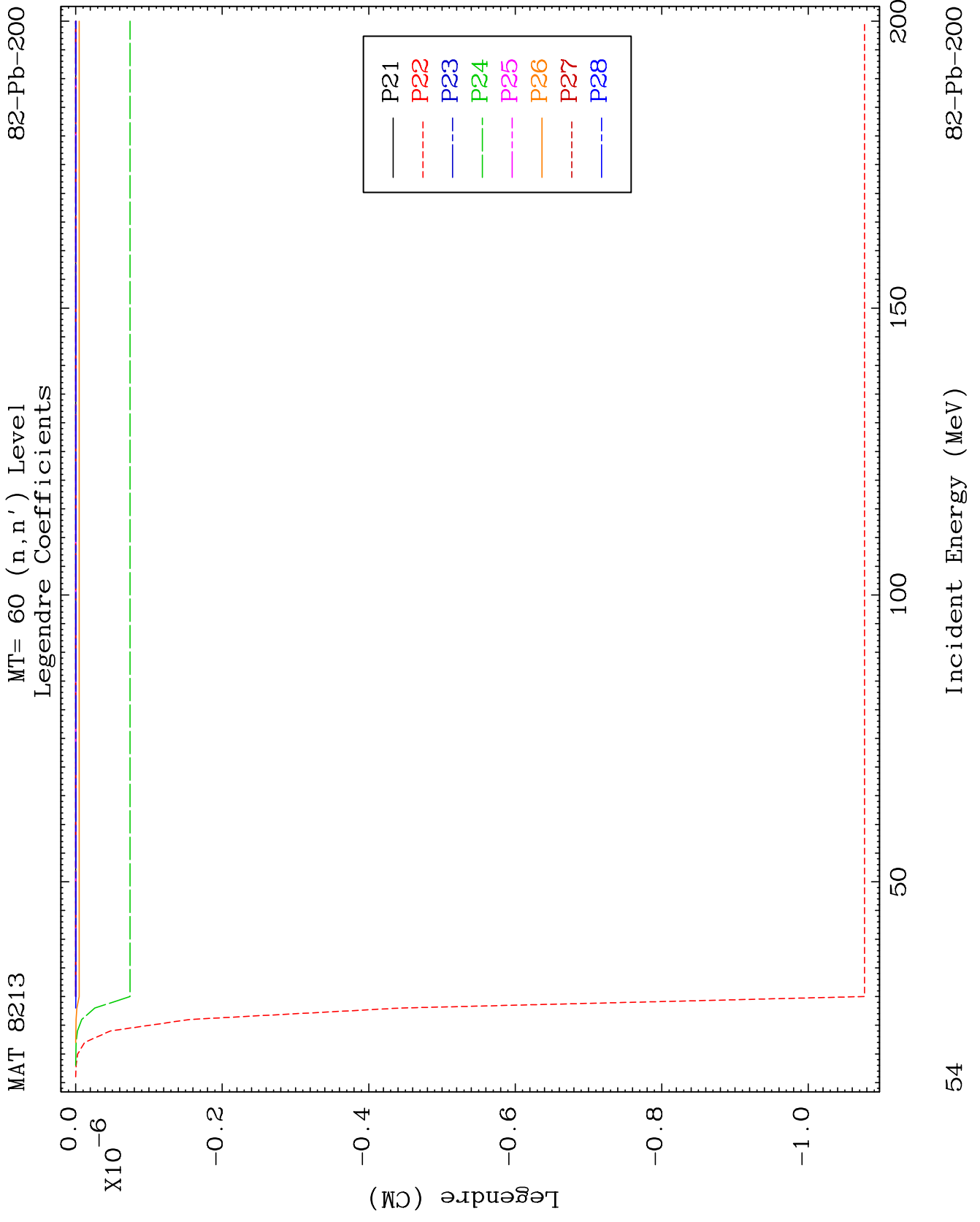


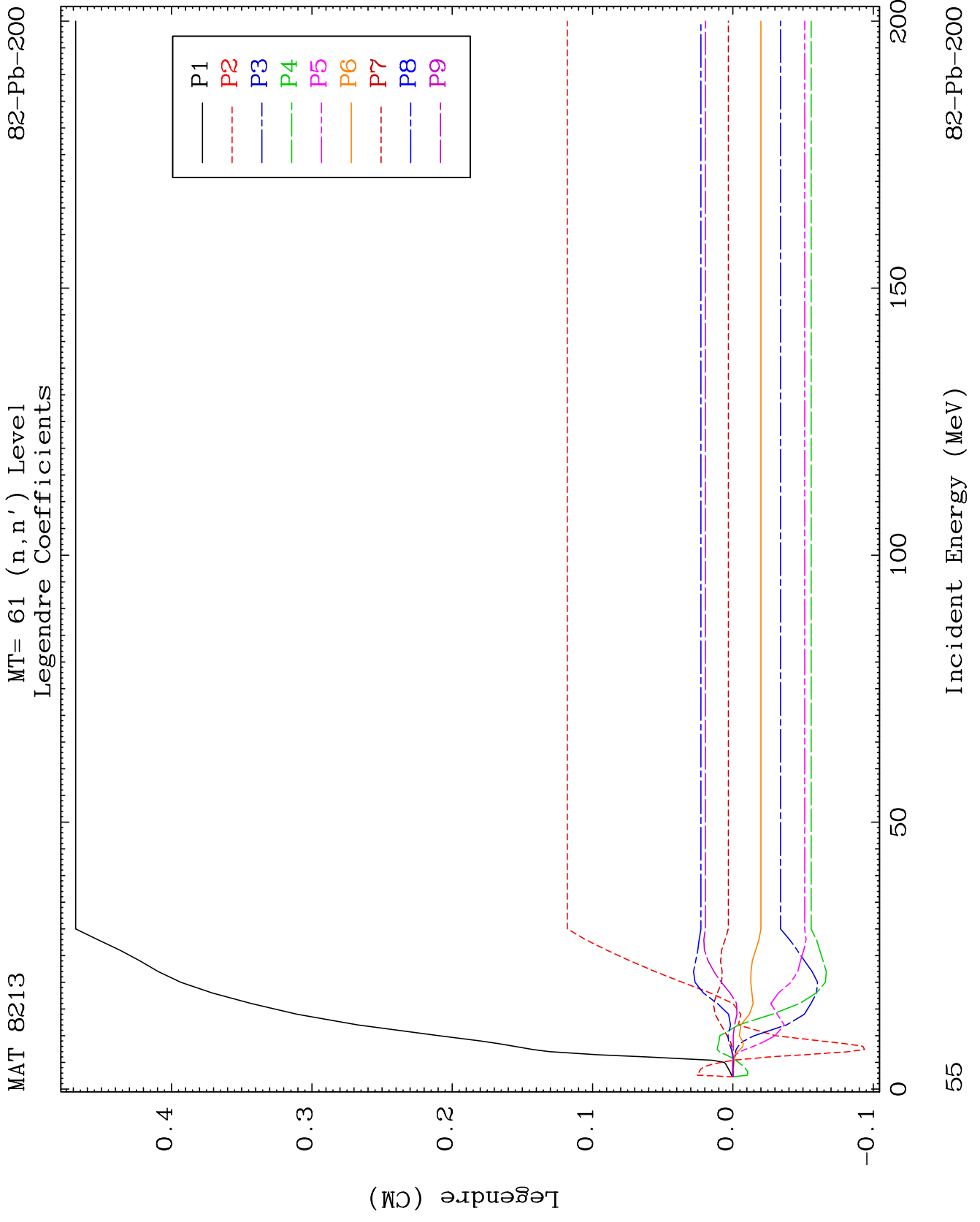
MAT 8213

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

82-Pb-200



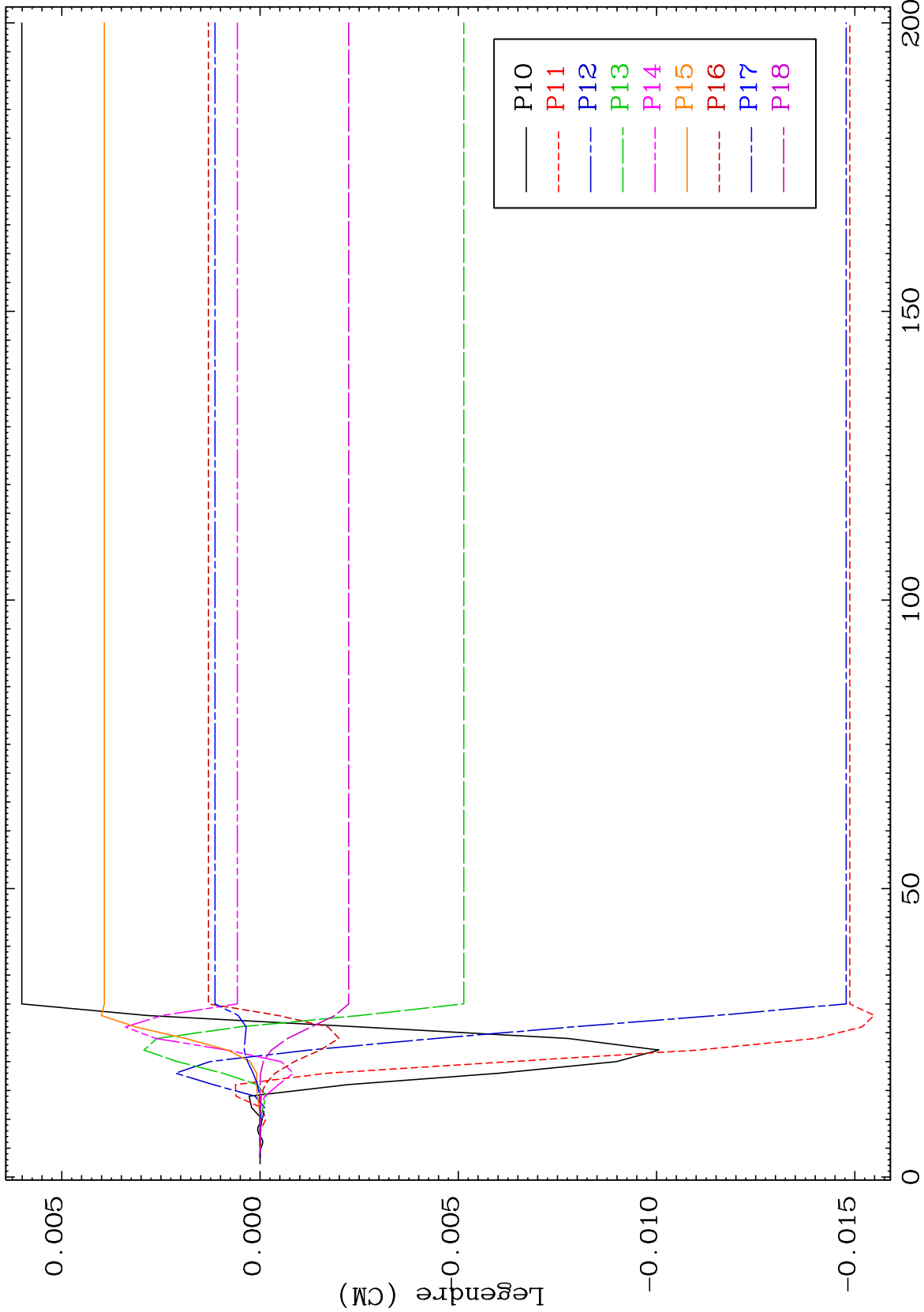




MAT 8213

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

82-Pb-200



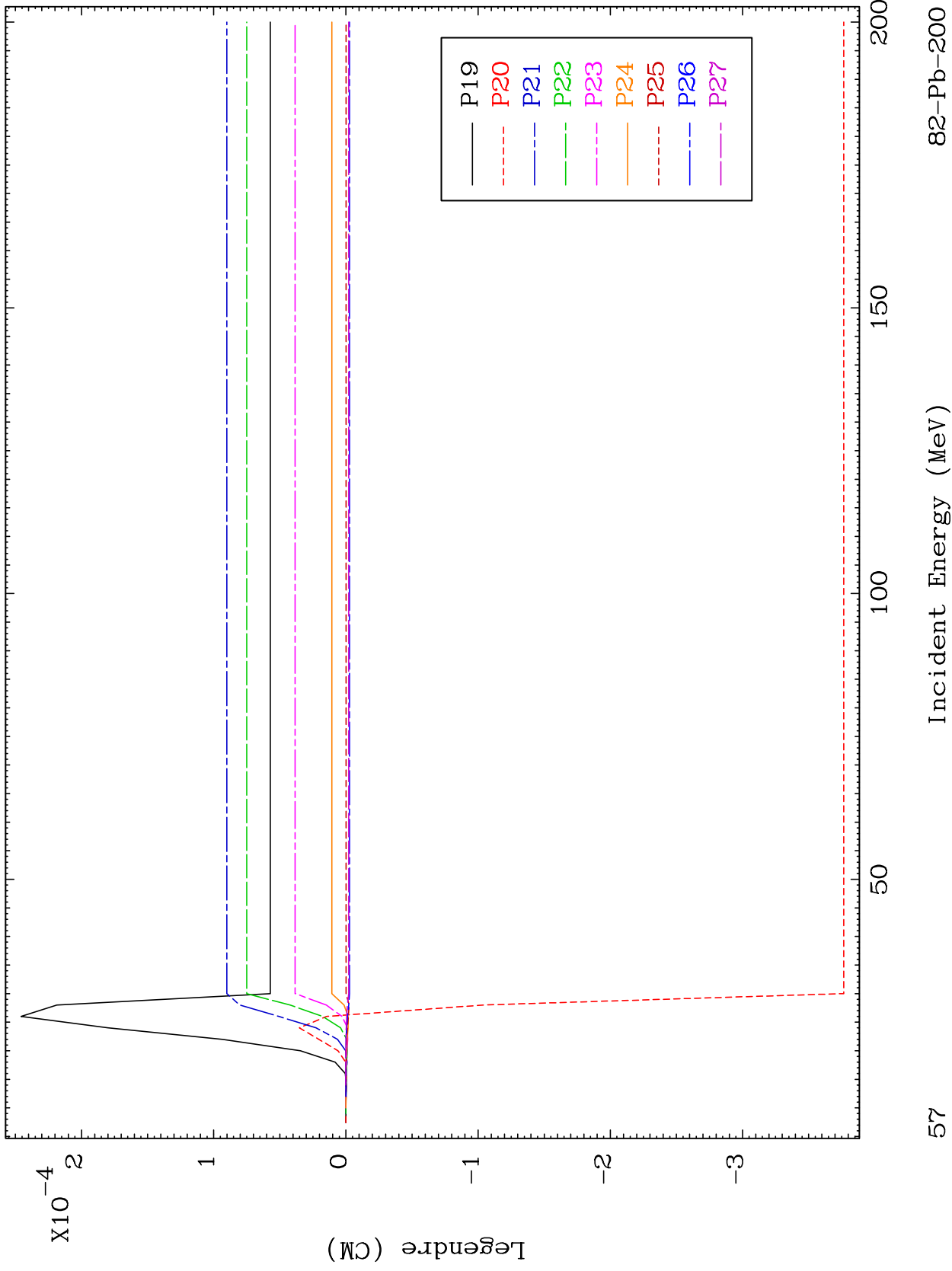
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82-Pb-200

MAT 8213

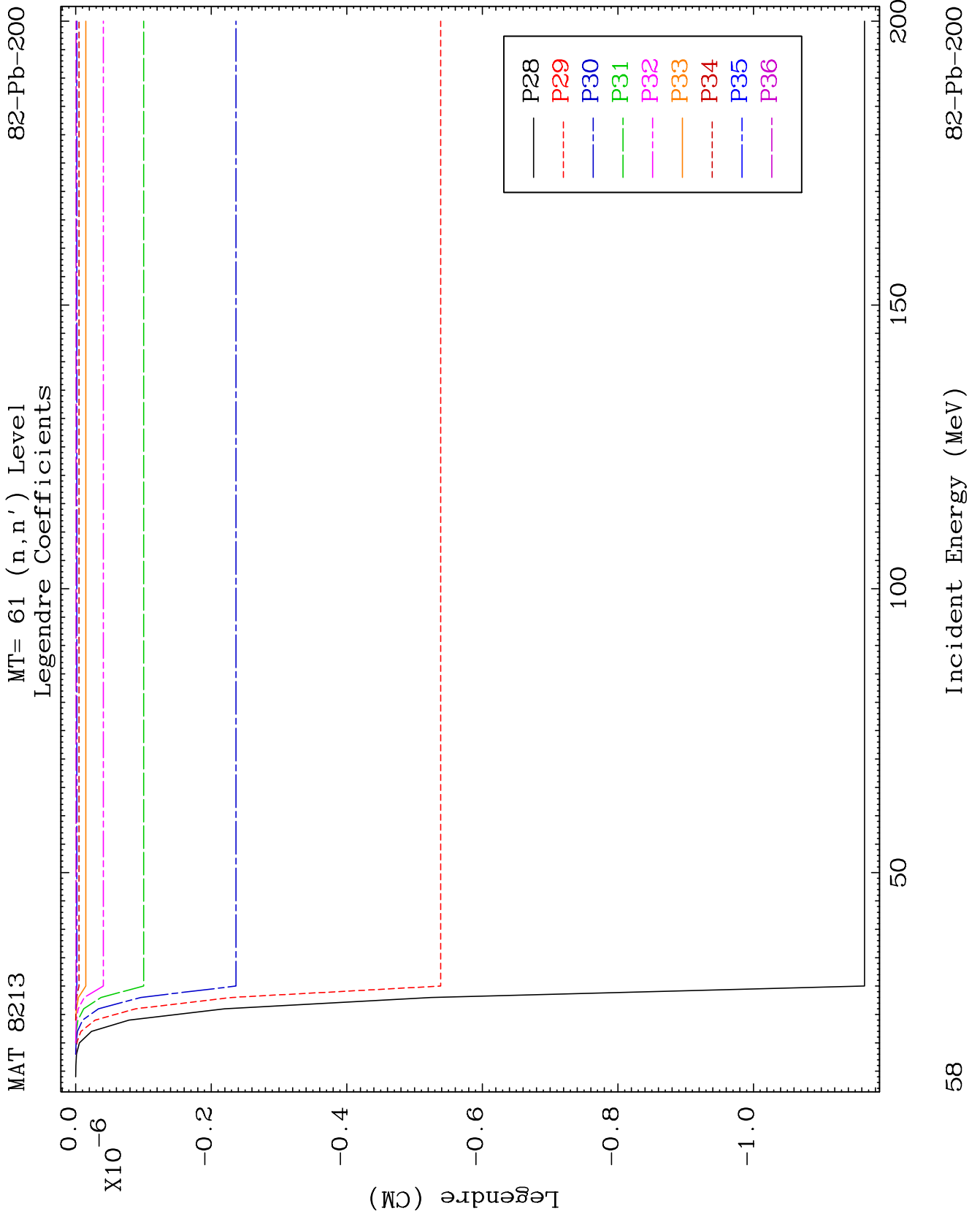
MT= 61 (n,n') Level
Legendre Coefficients

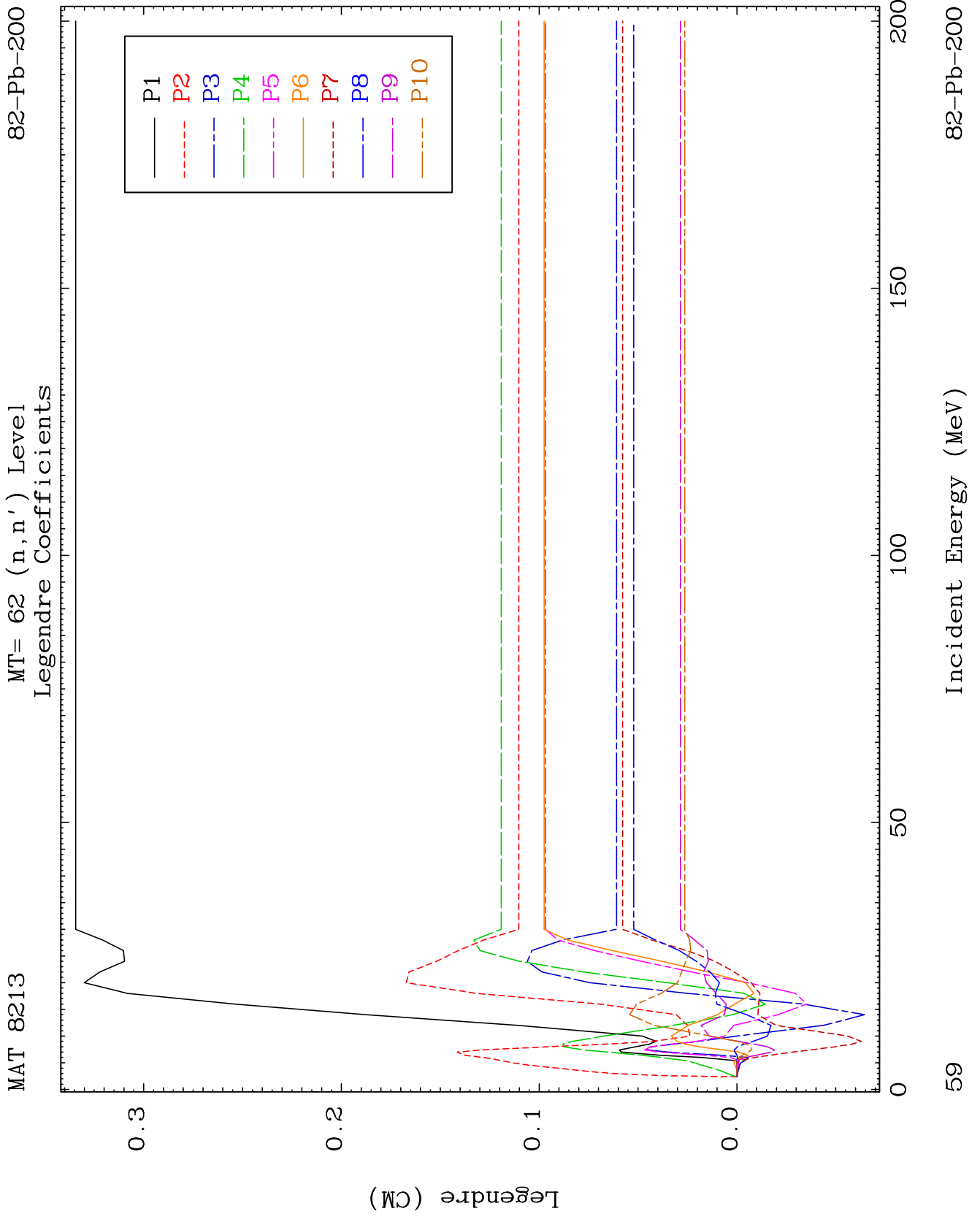
82-Pb-200



57

82-Pb-200

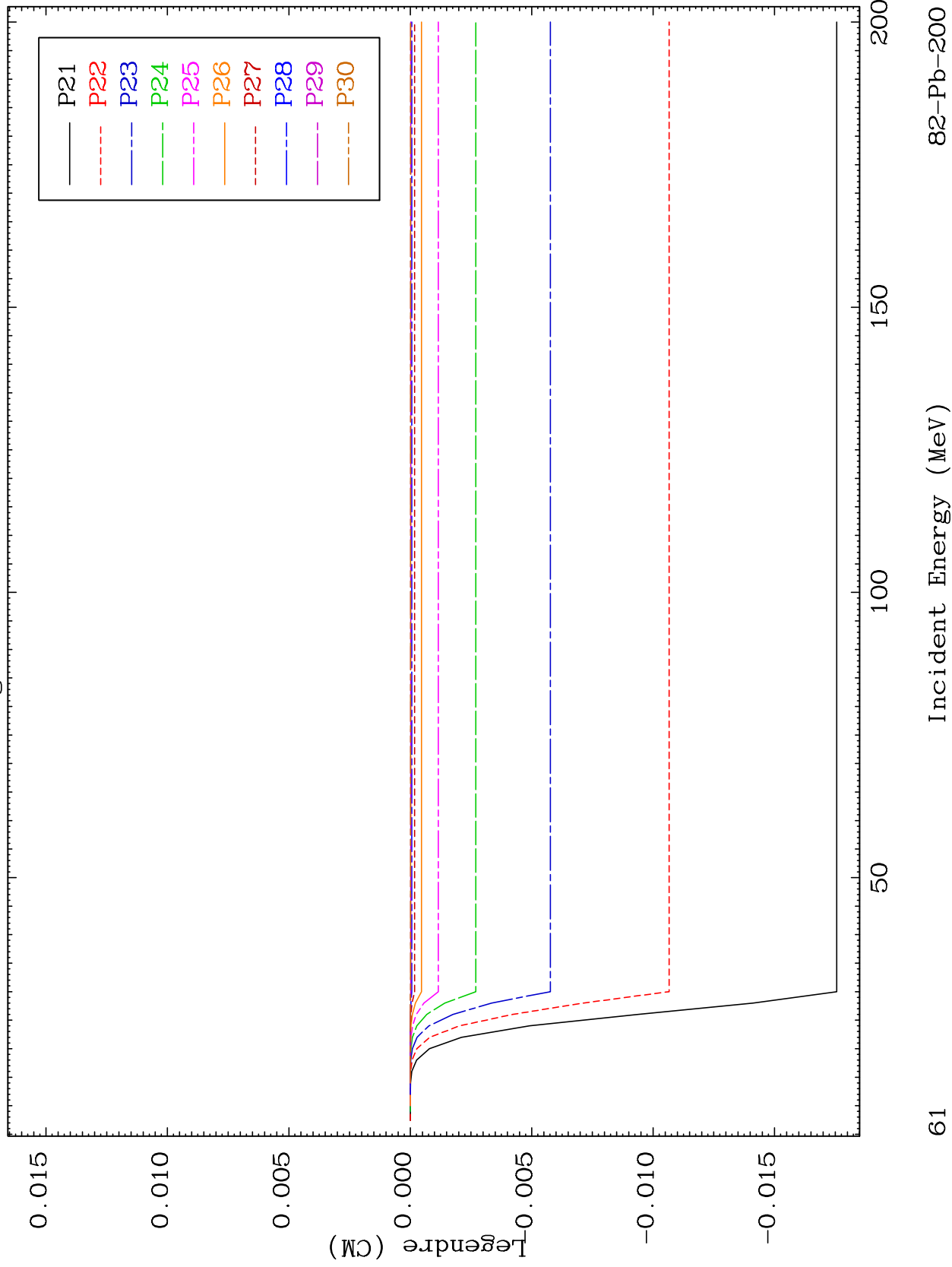




MAT 8213

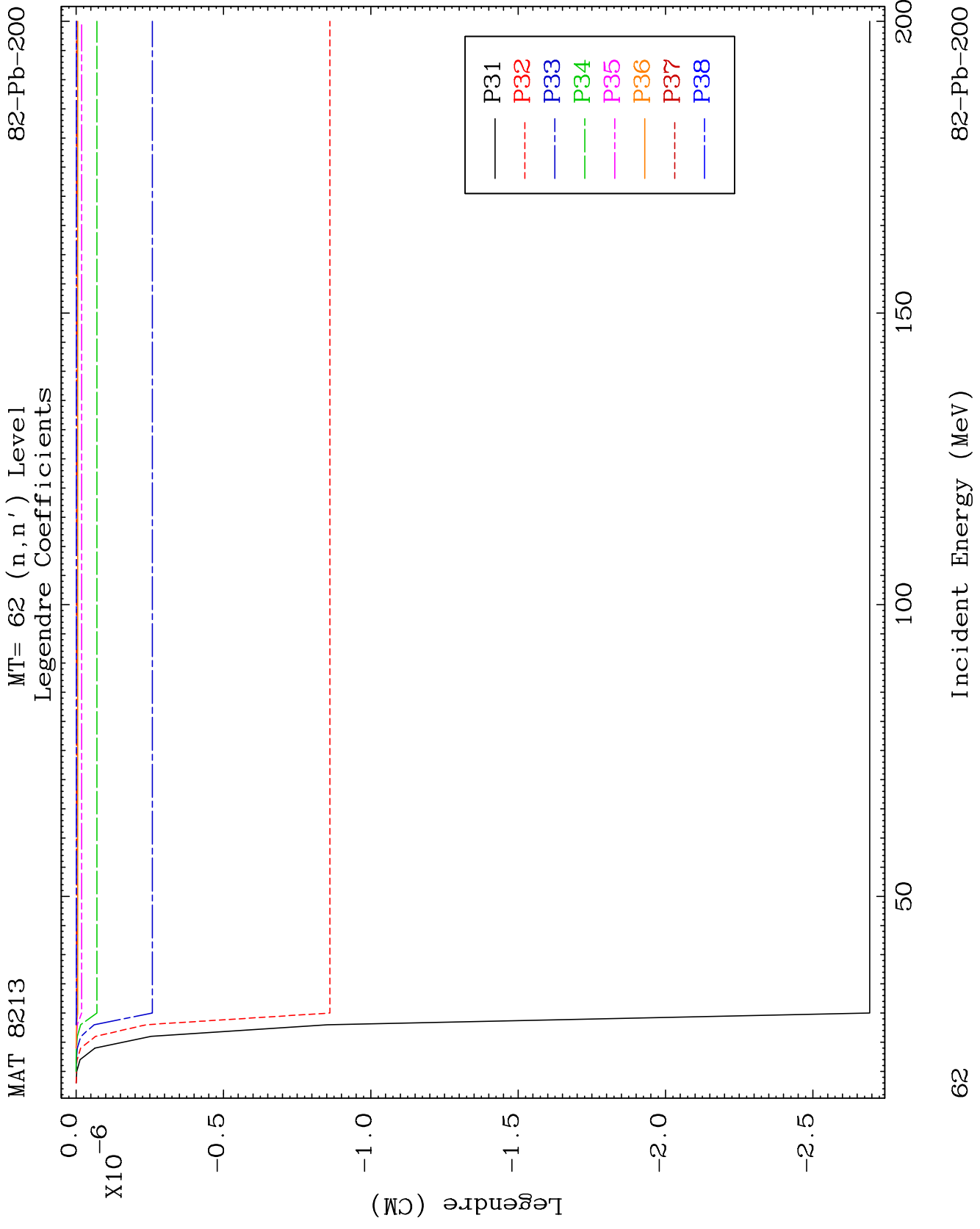
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Legendre Coefficients

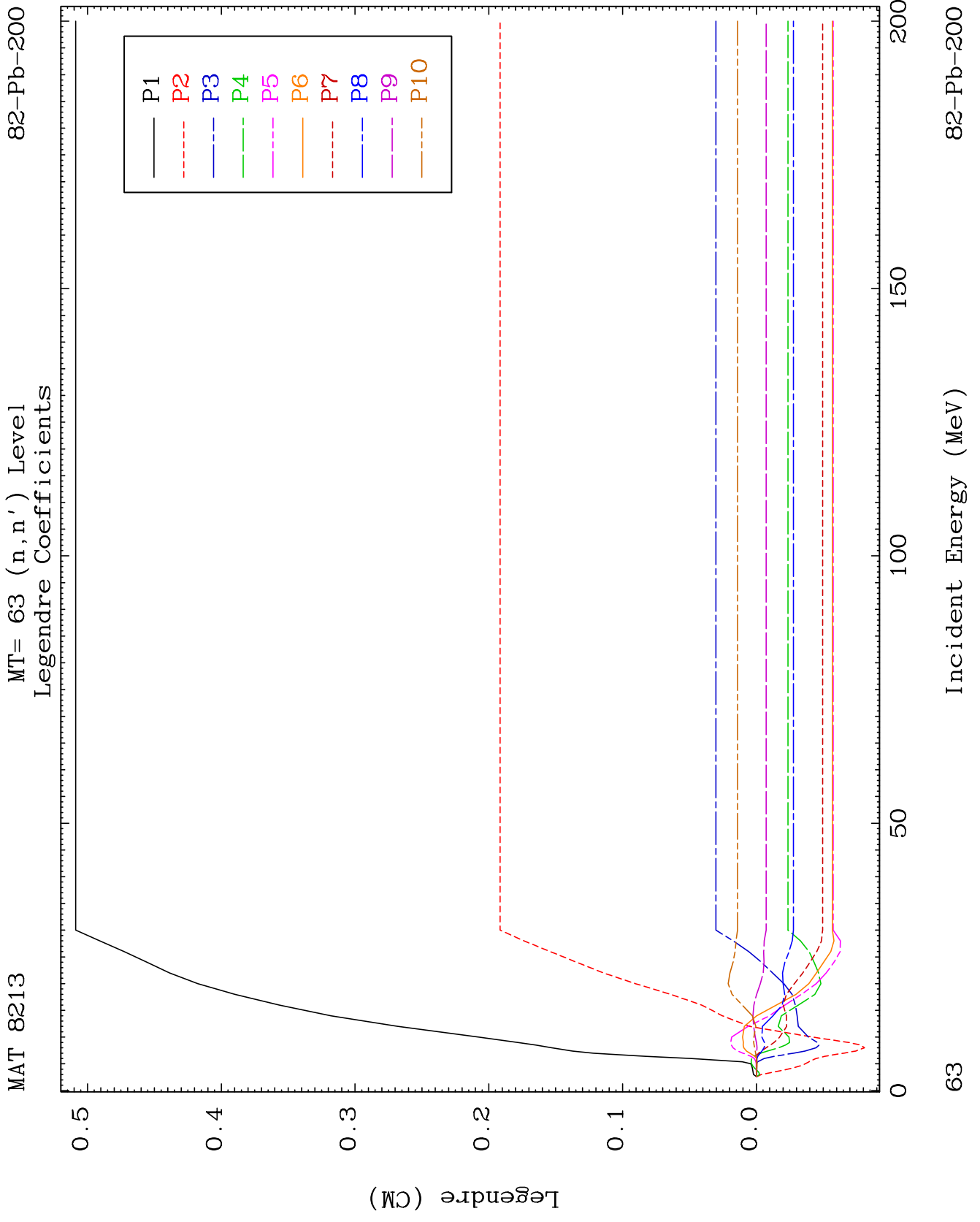
82-Pb-200



61

82-Pb-200



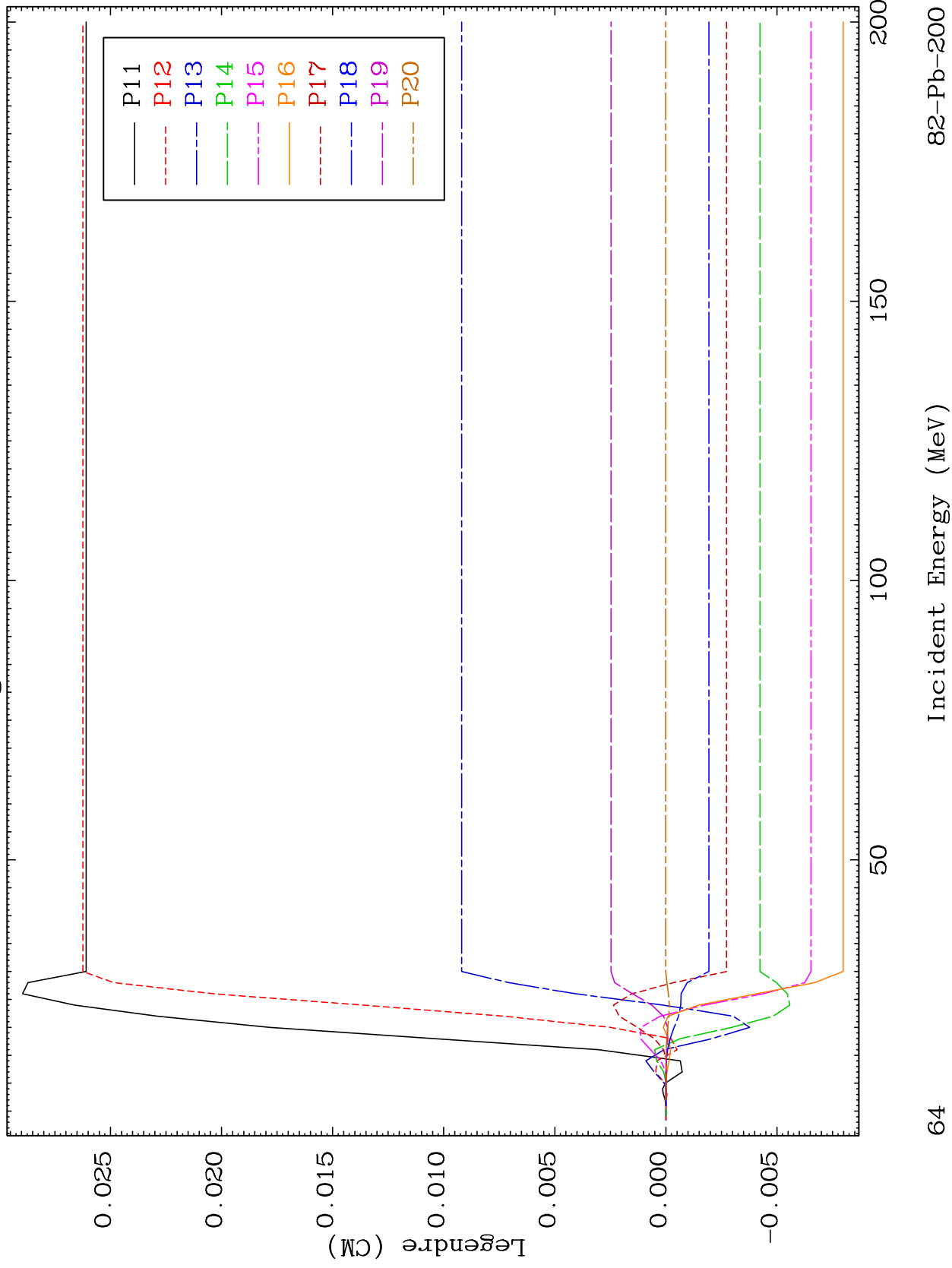


MAT 8213

MT= 63 (n,n') Level

82-Pb-200

Legendre Coefficients

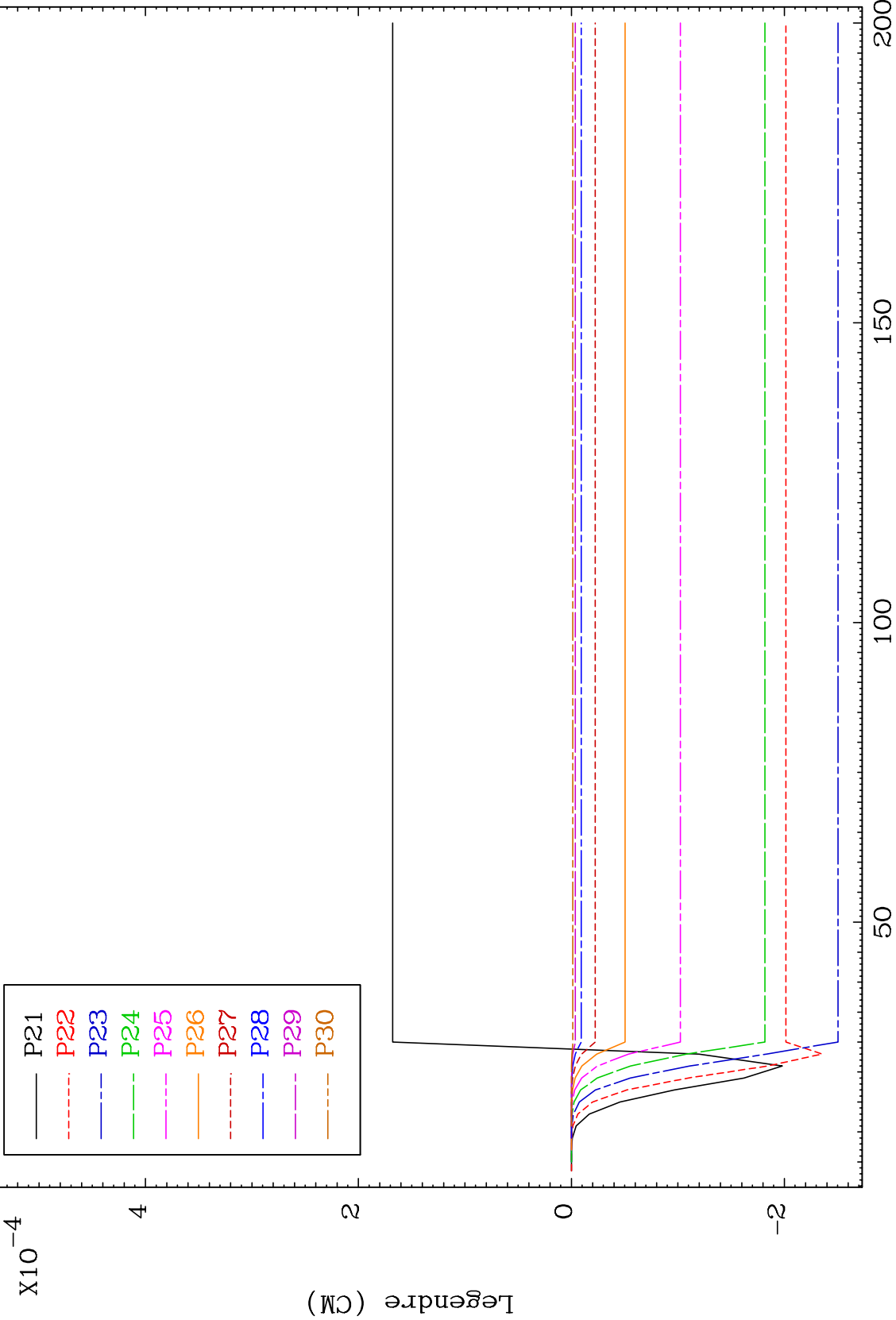
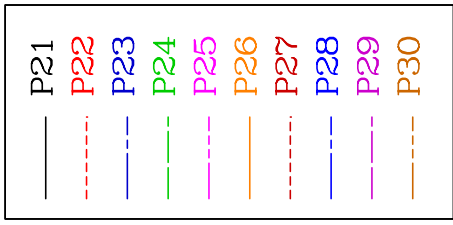


64

MAT 8213

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

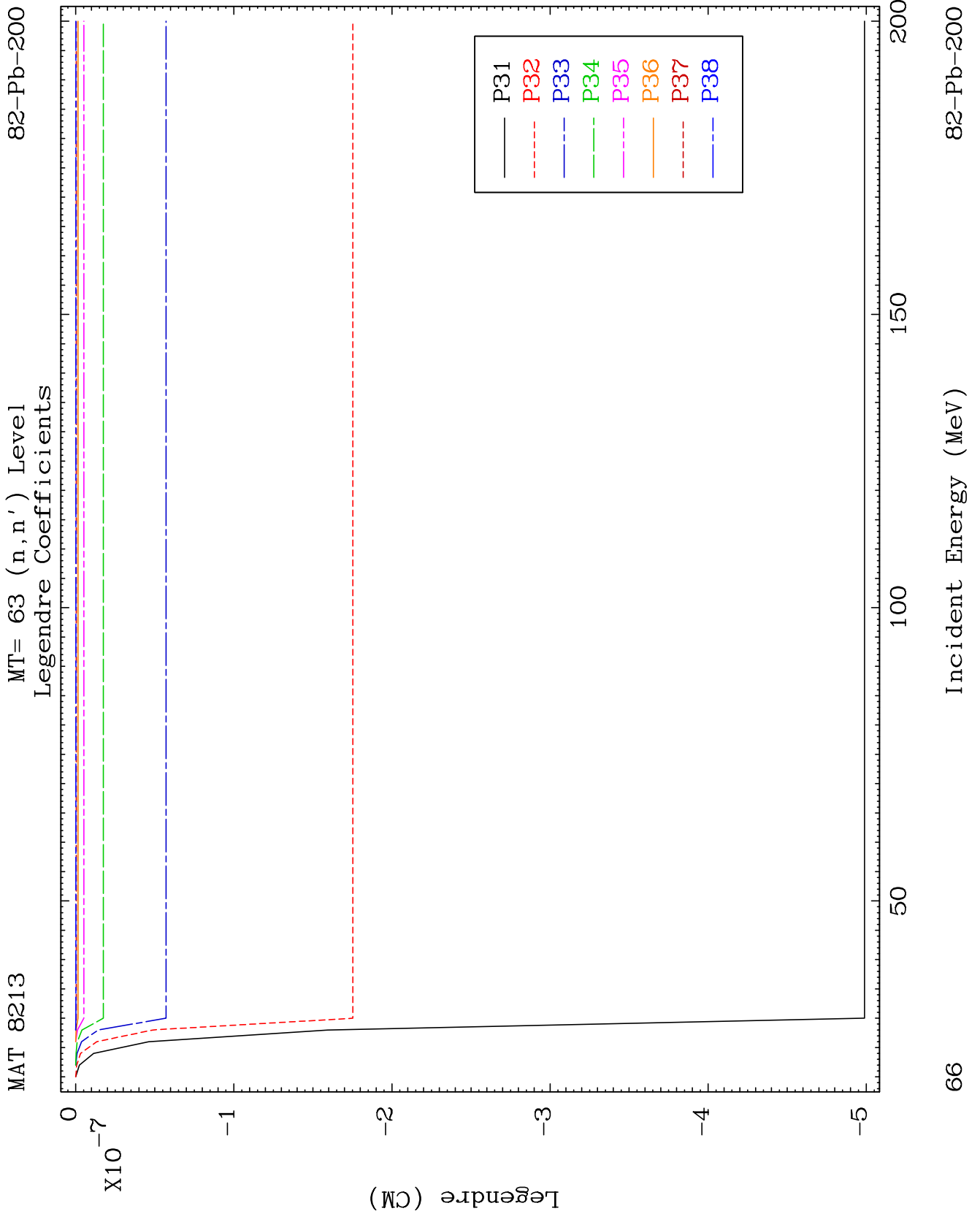
82-Pb-200



65

Incident Energy (MeV)

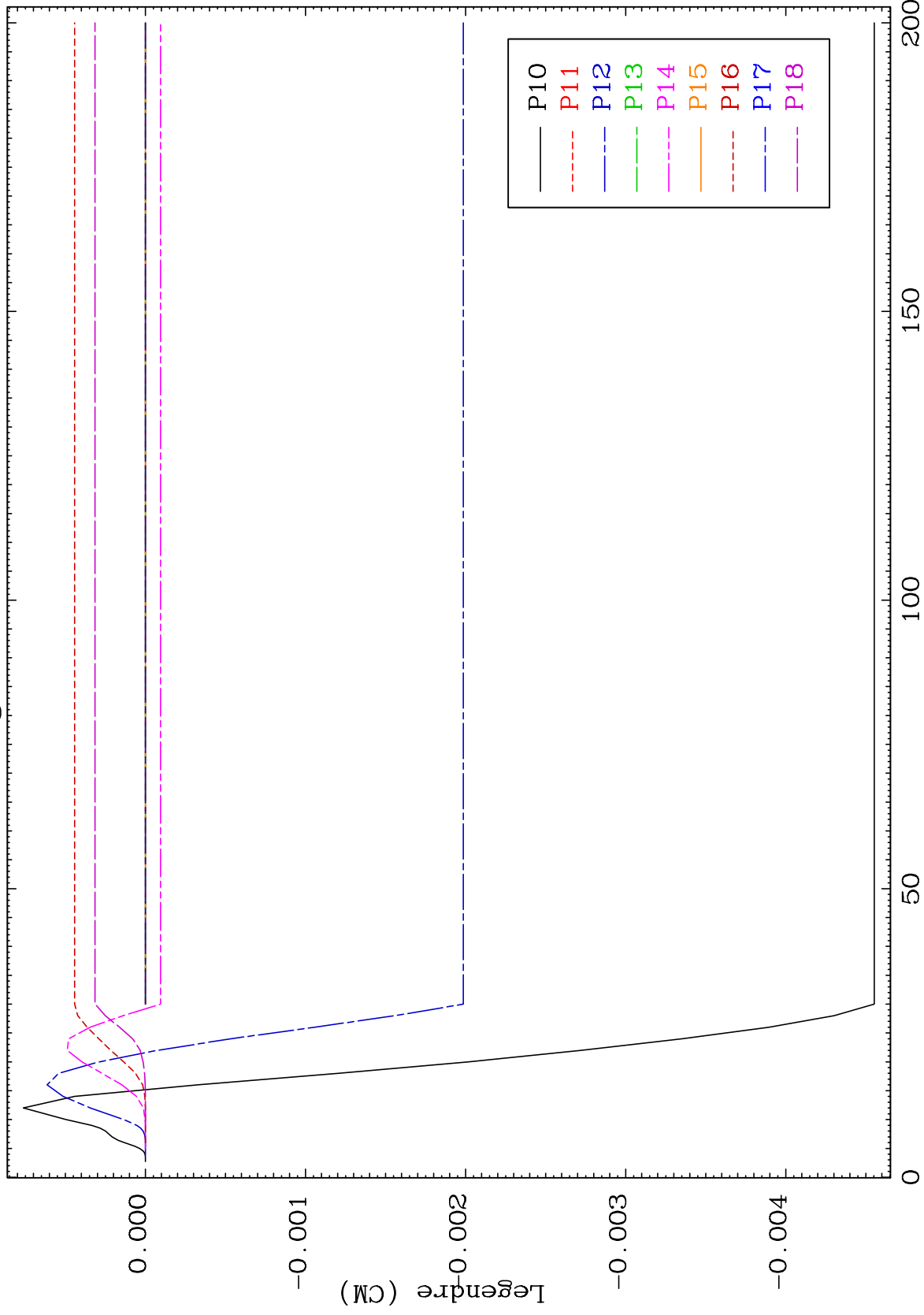
82-Pb-200



MAT 8213

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

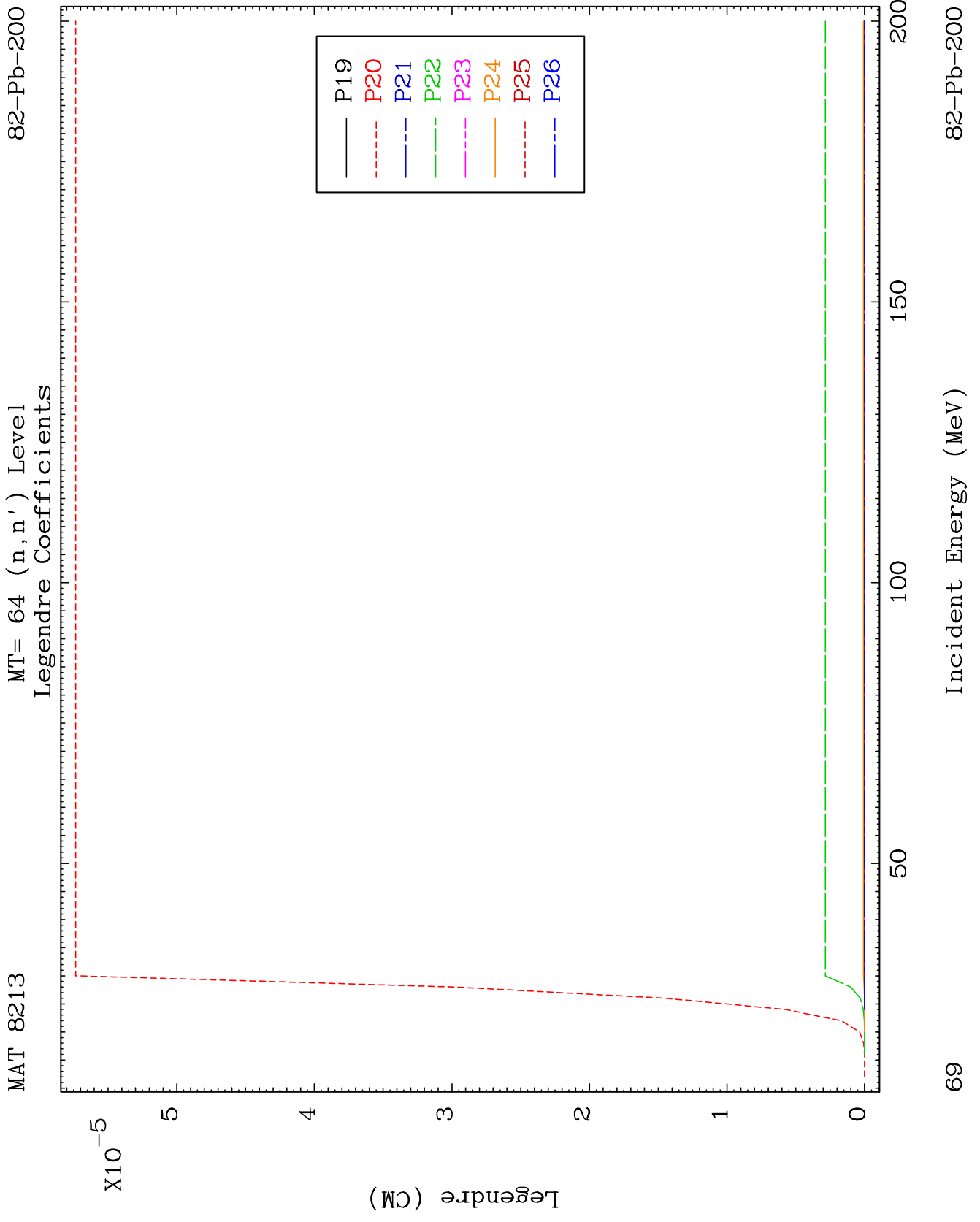
82-Pb-200



68

Incident Energy (MeV)

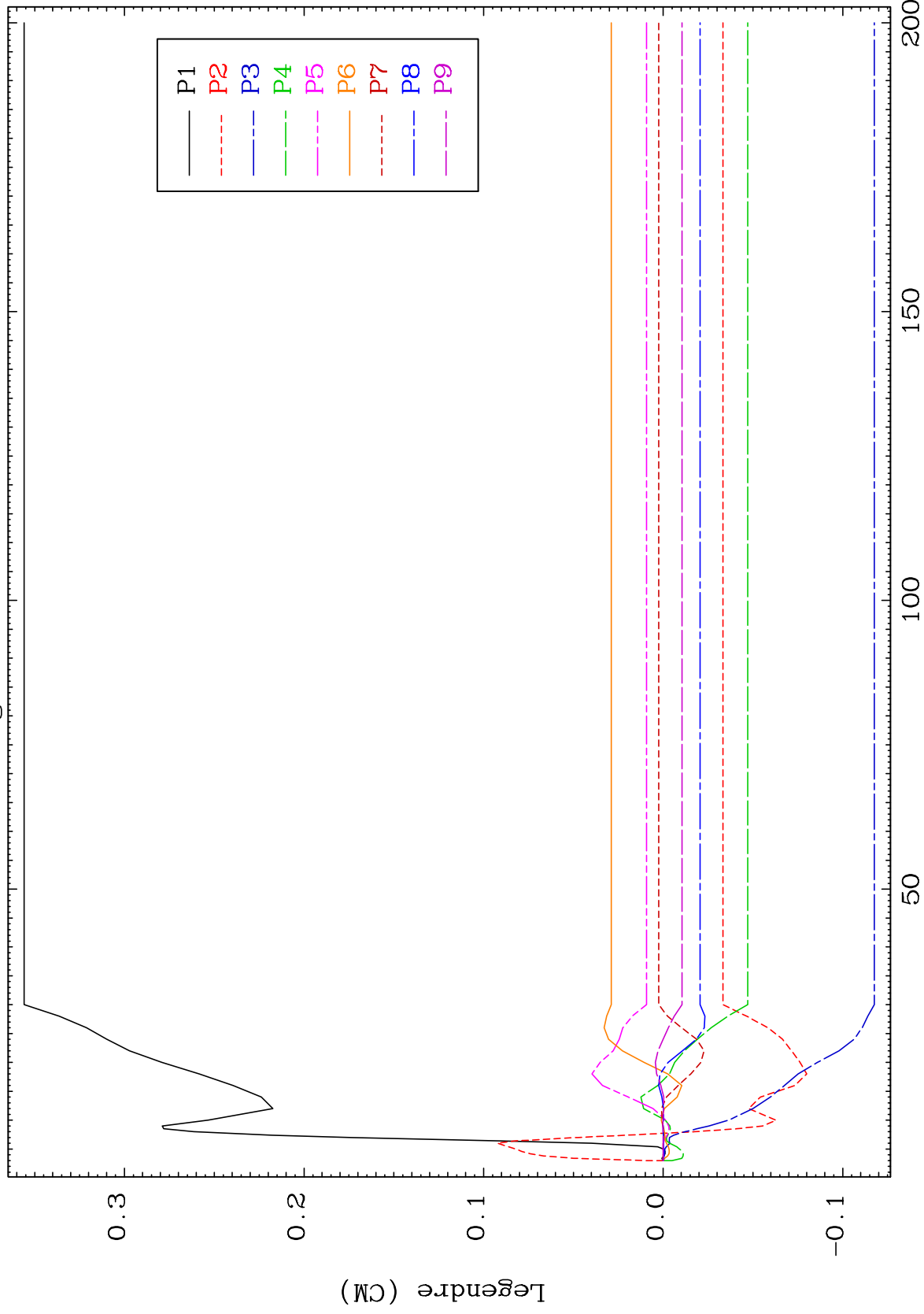
82-Pb-200



MAT 8213

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

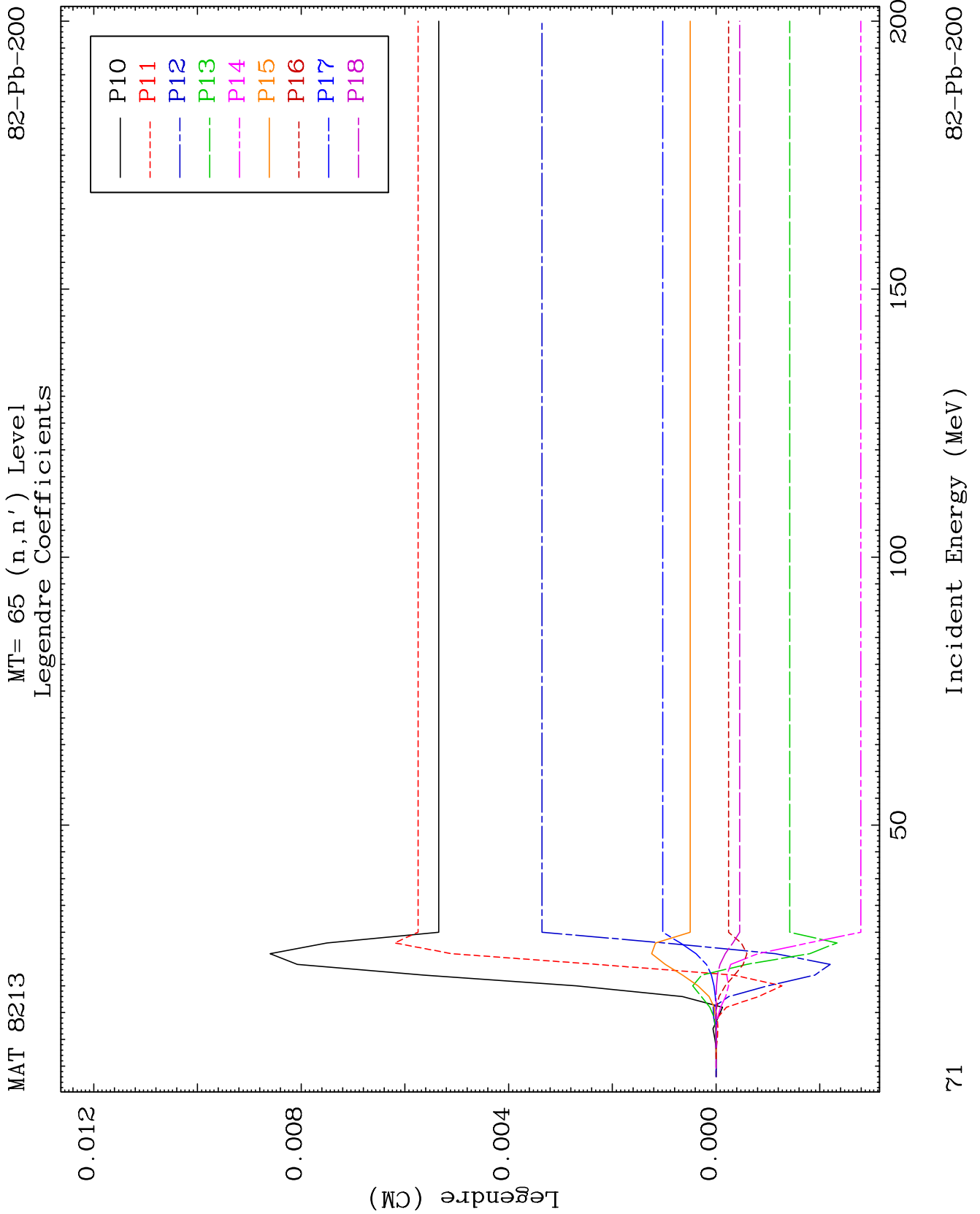
82-Pb-200



70

Incident Energy (MeV)

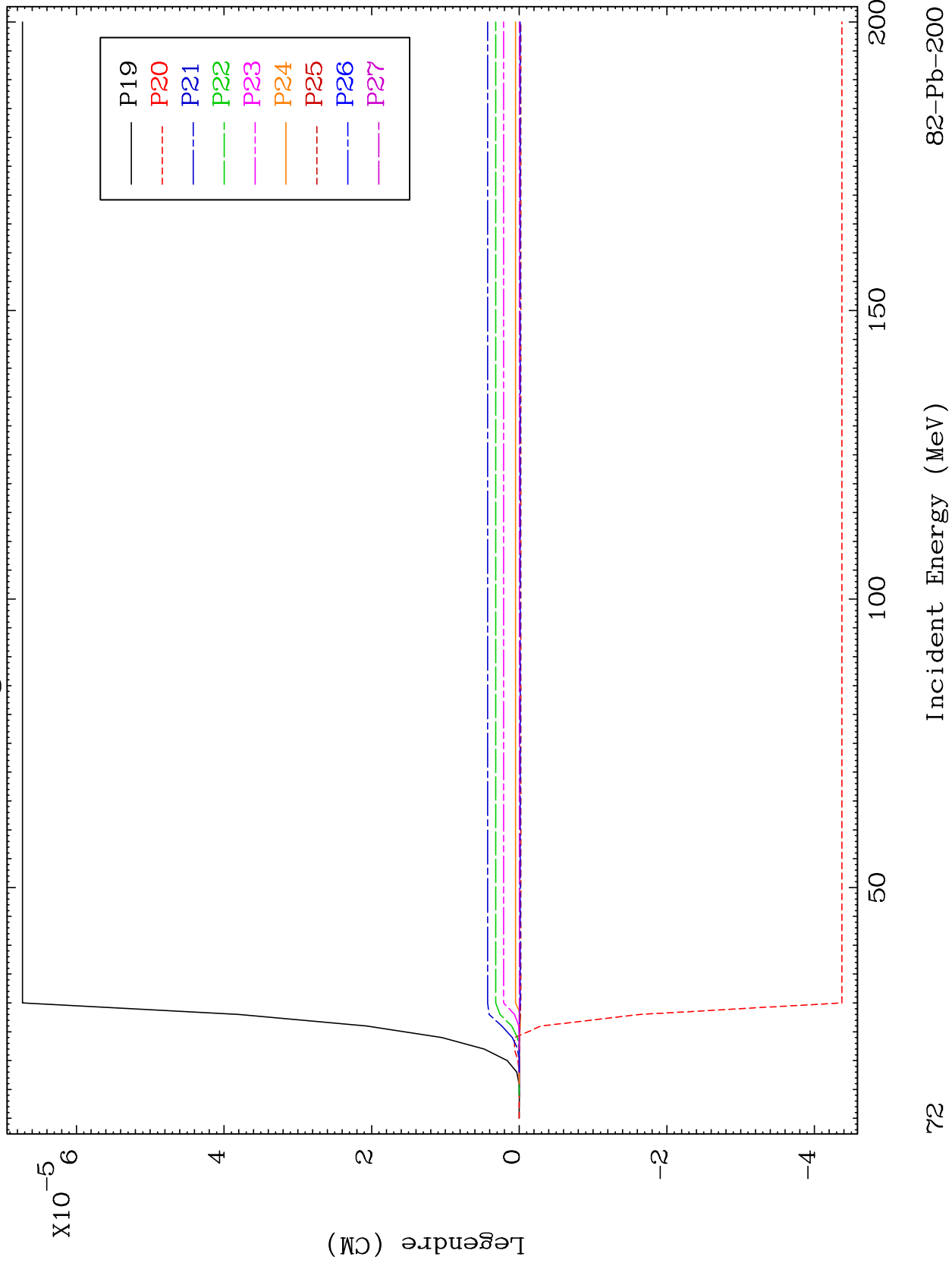
82-Pb-200

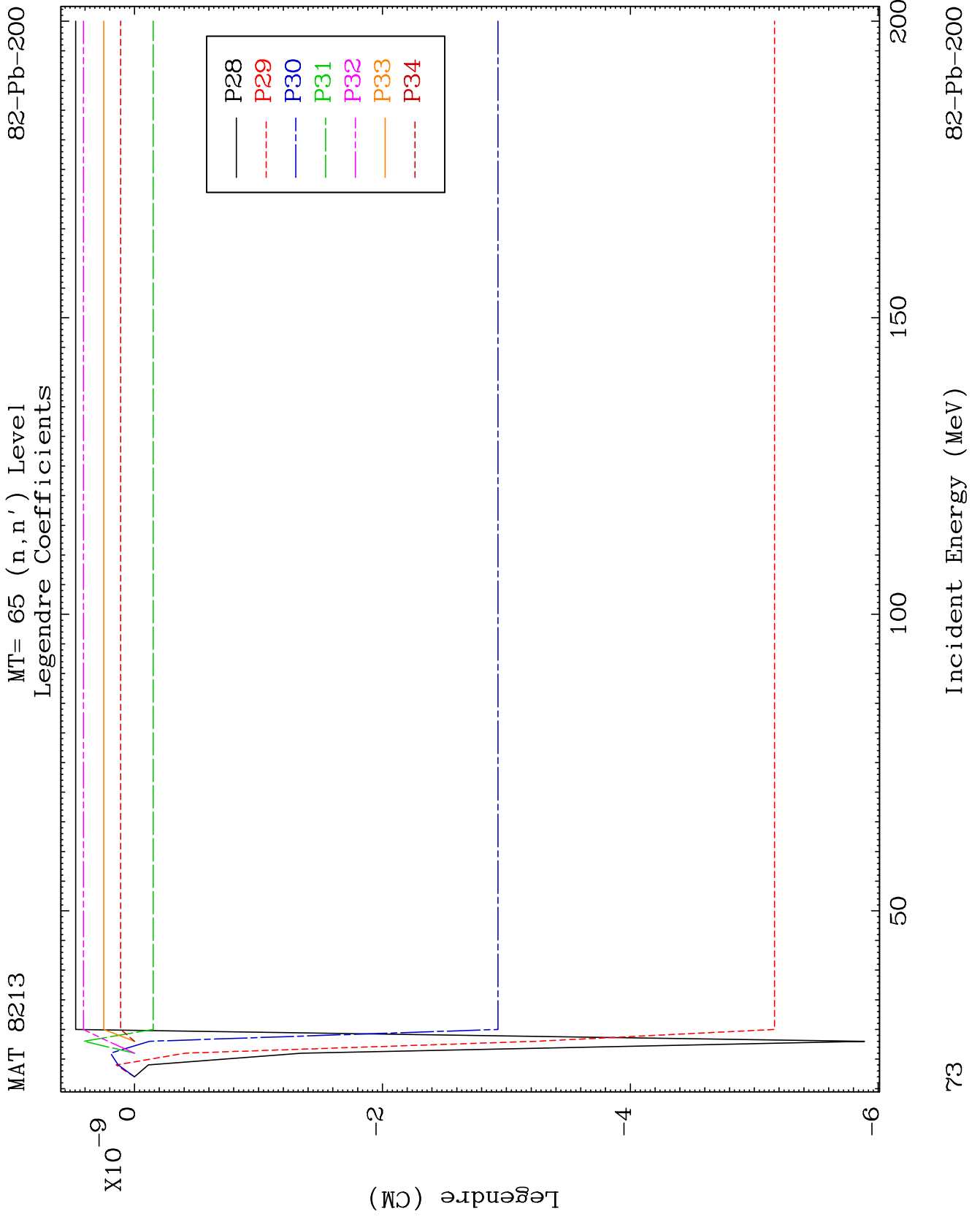


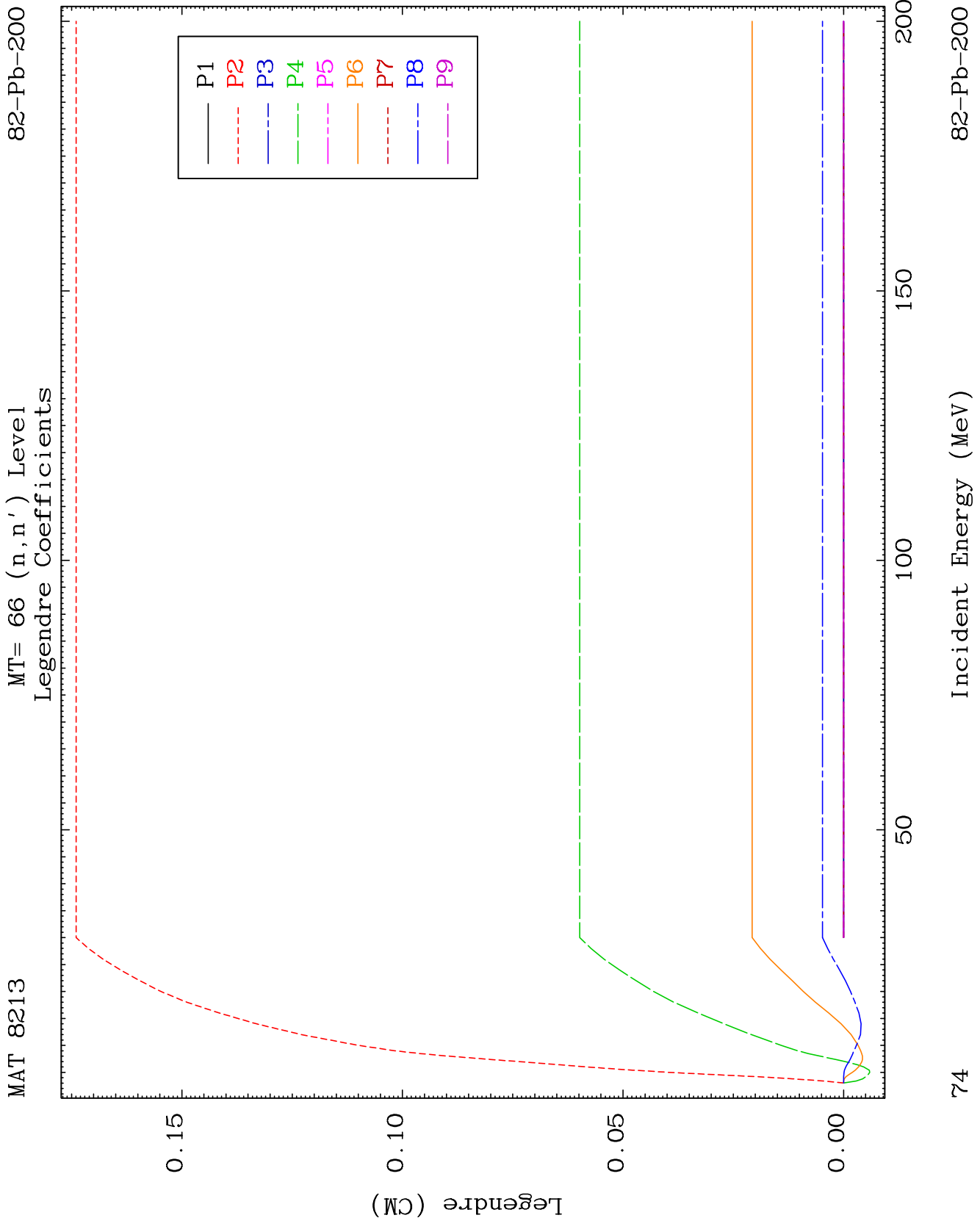
MAT 8213

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

82-Pb-200



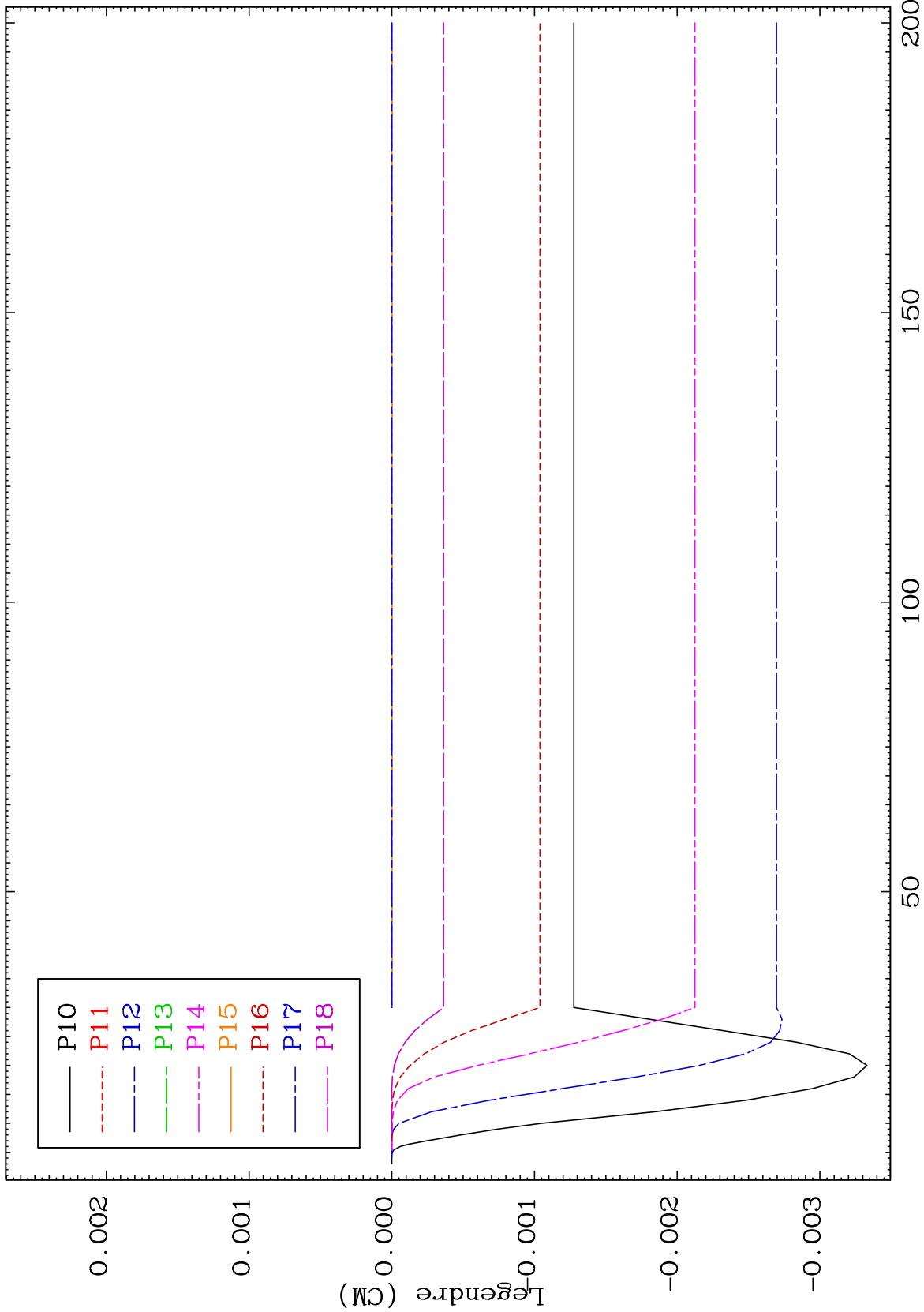




MAT 8213

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

82-Pb-200



75

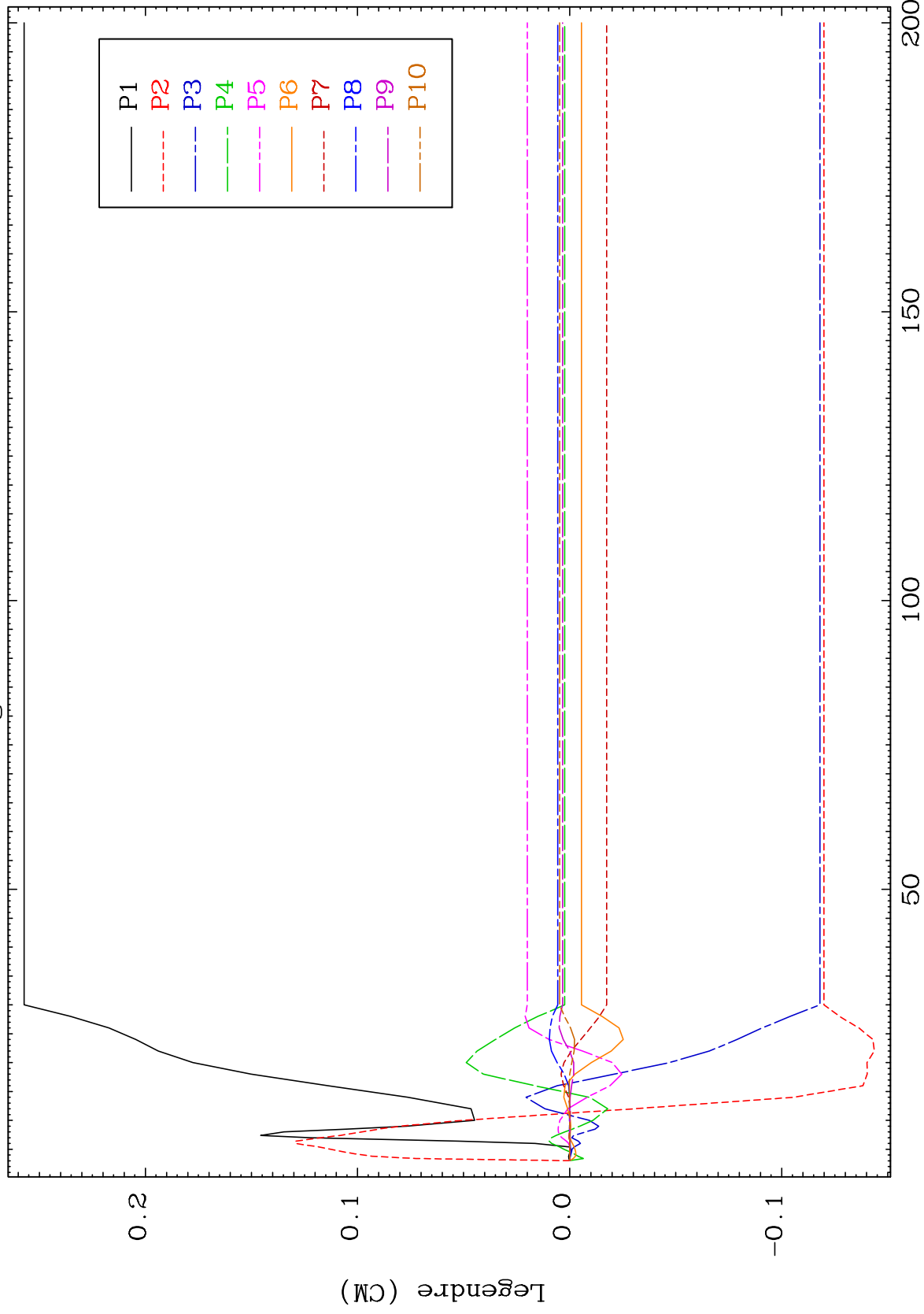
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

82-Pb-200



77

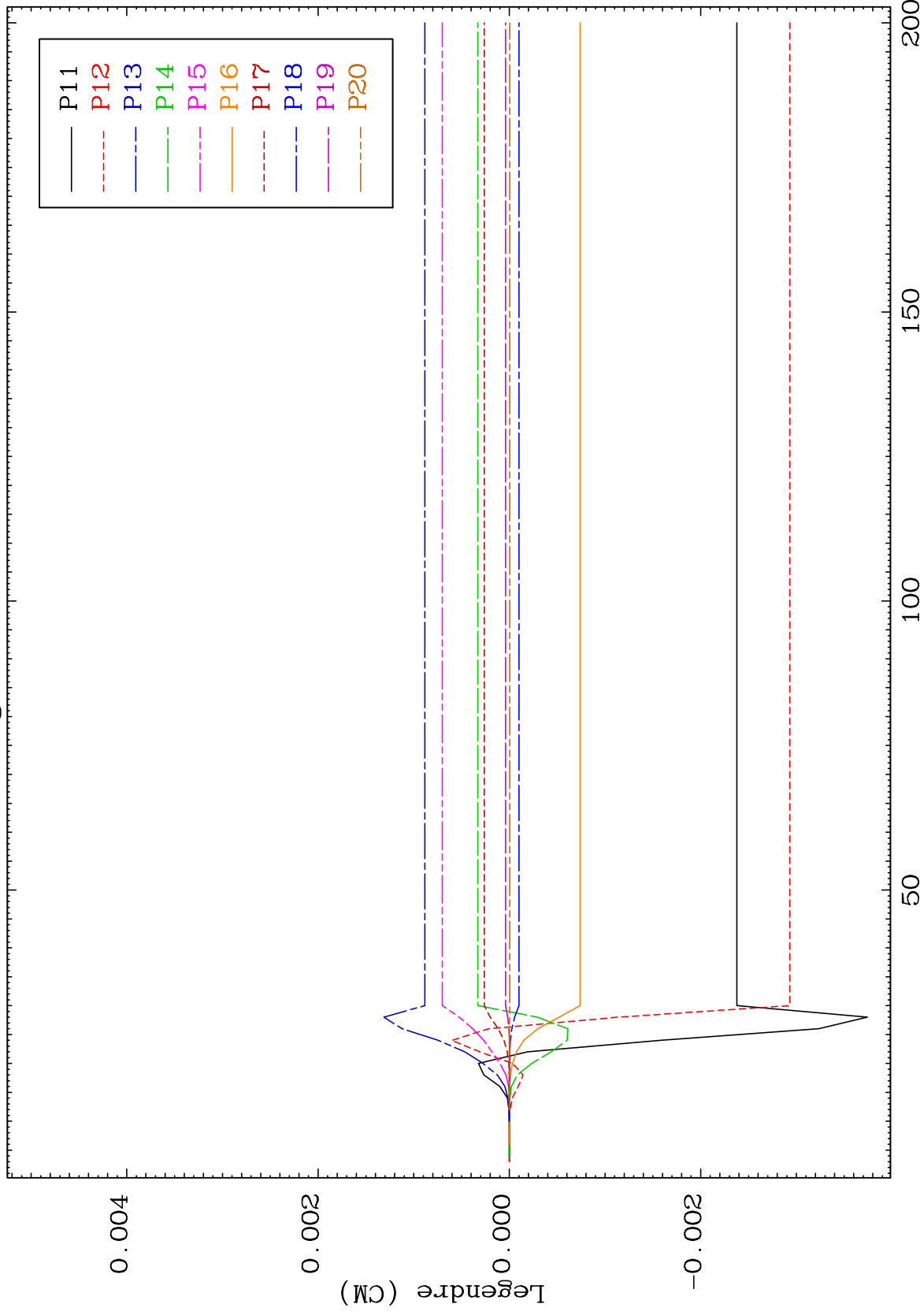
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

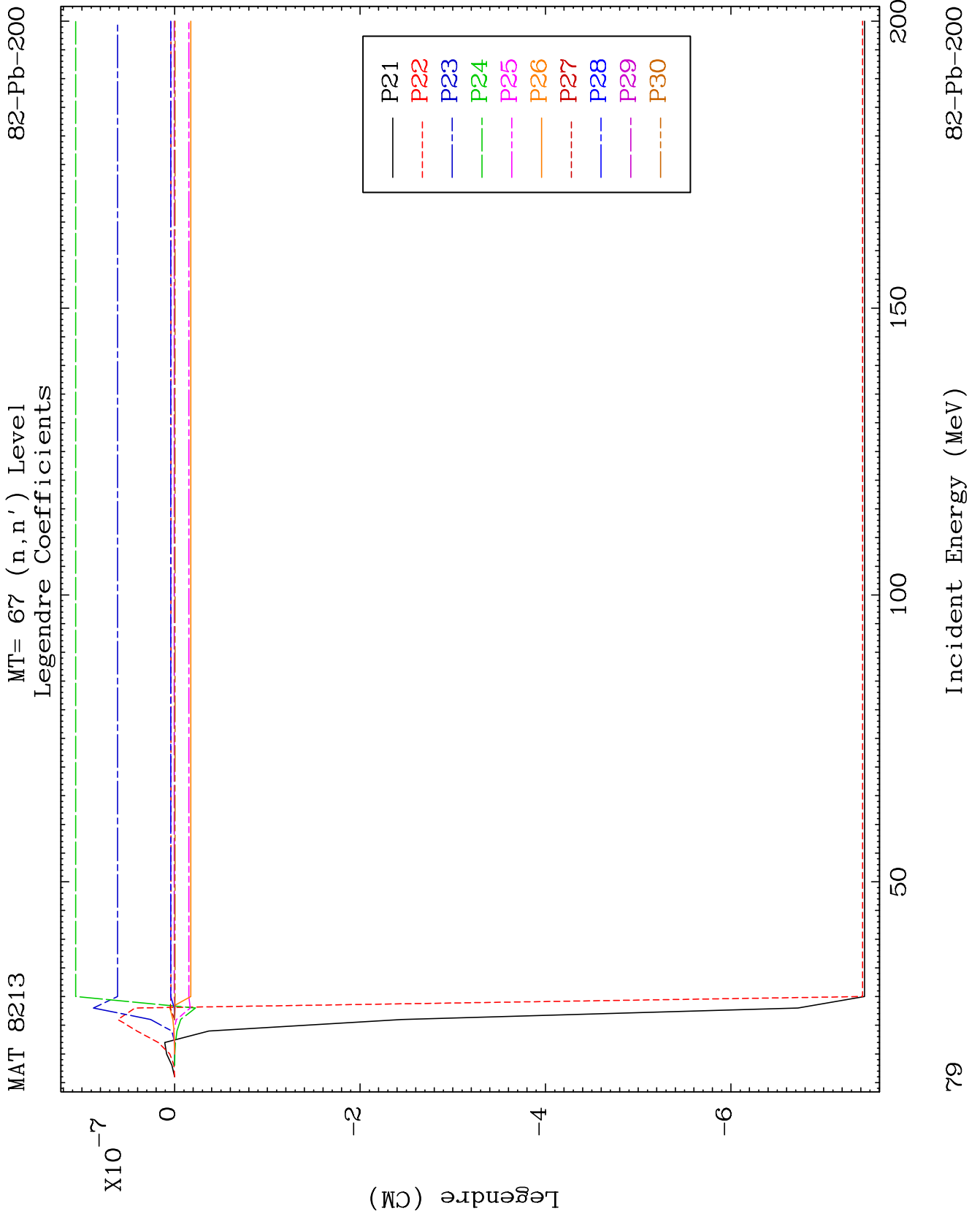
82-Pb-200

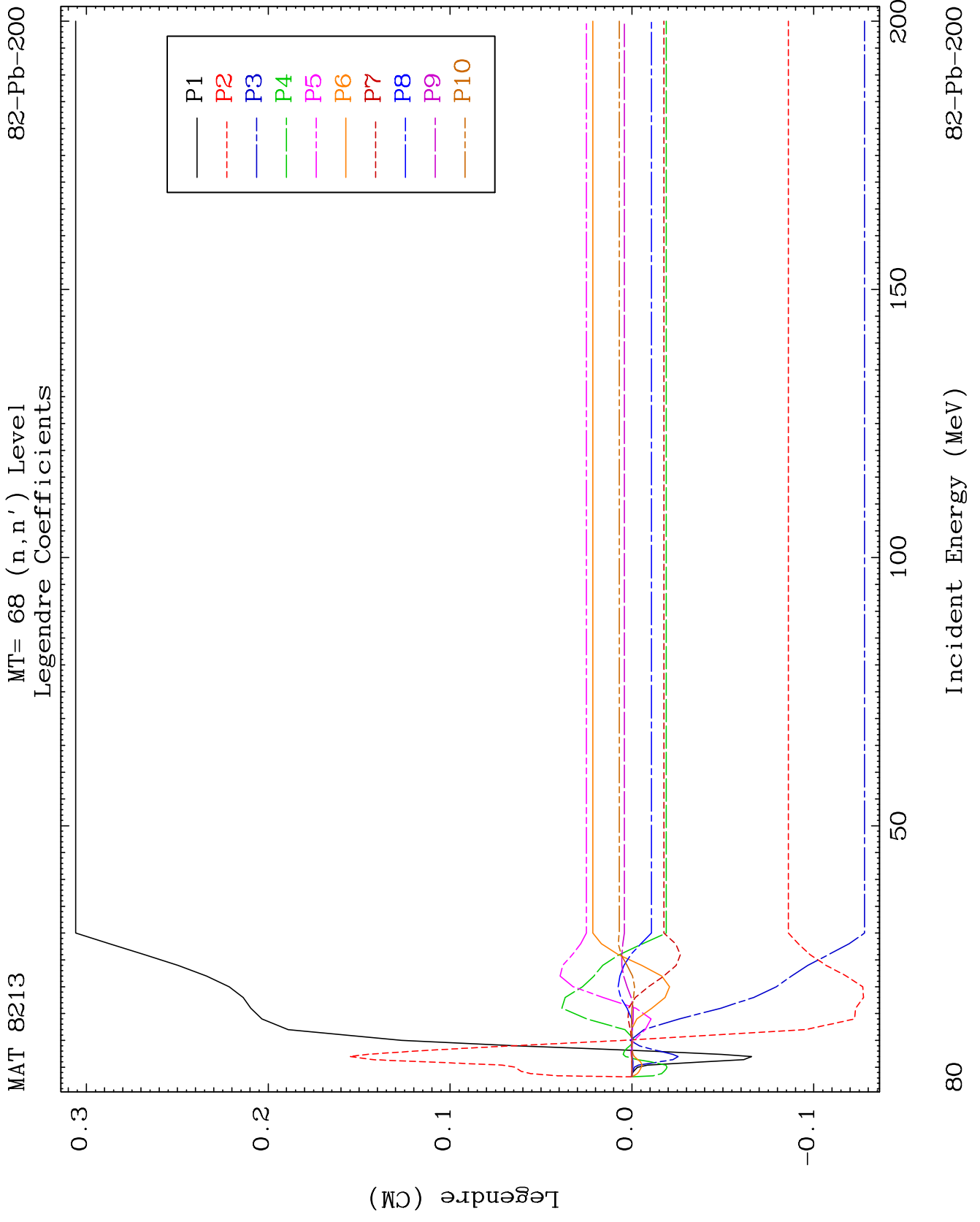


78

Incident Energy (MeV)

82-Pb-200

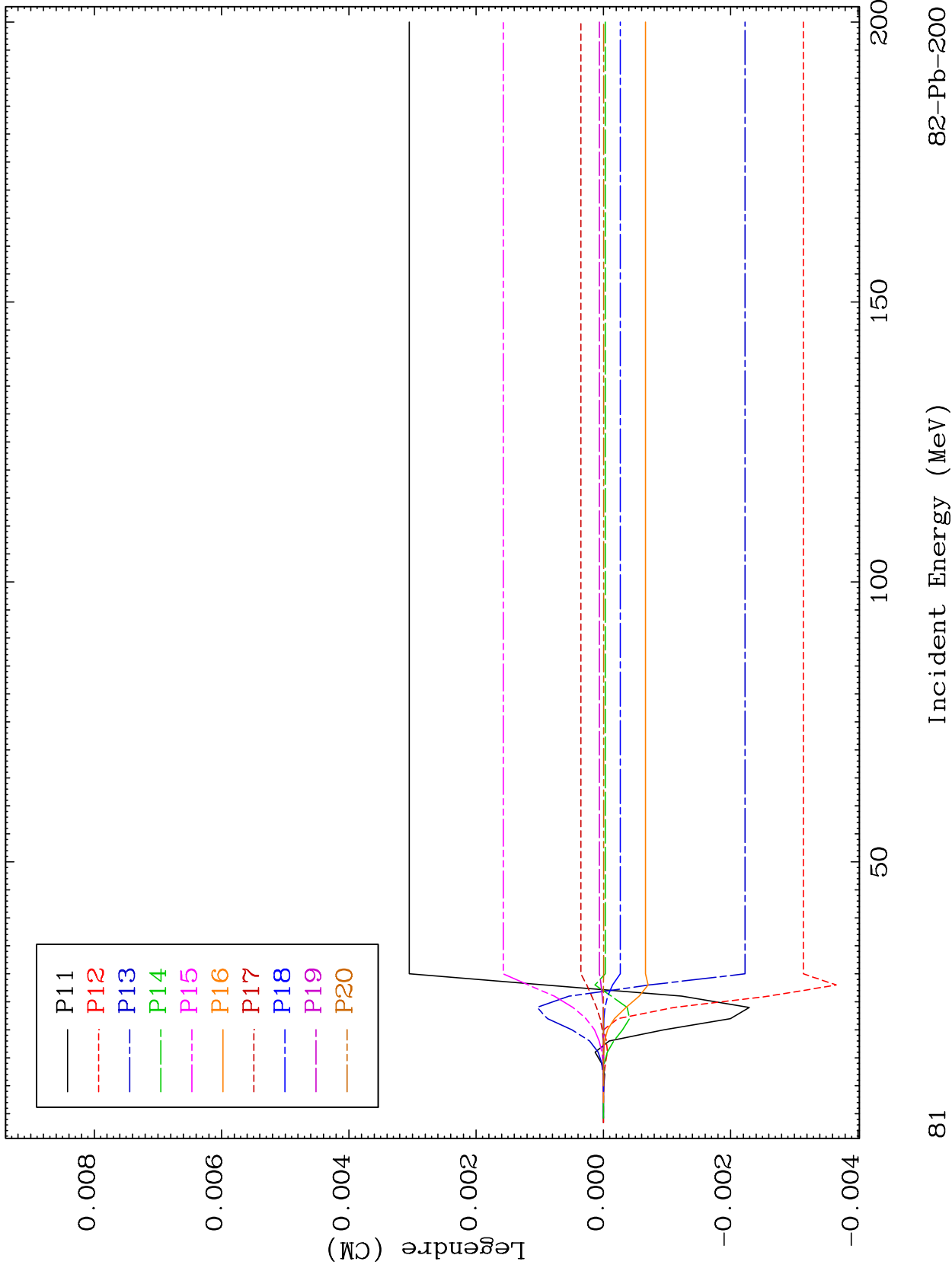


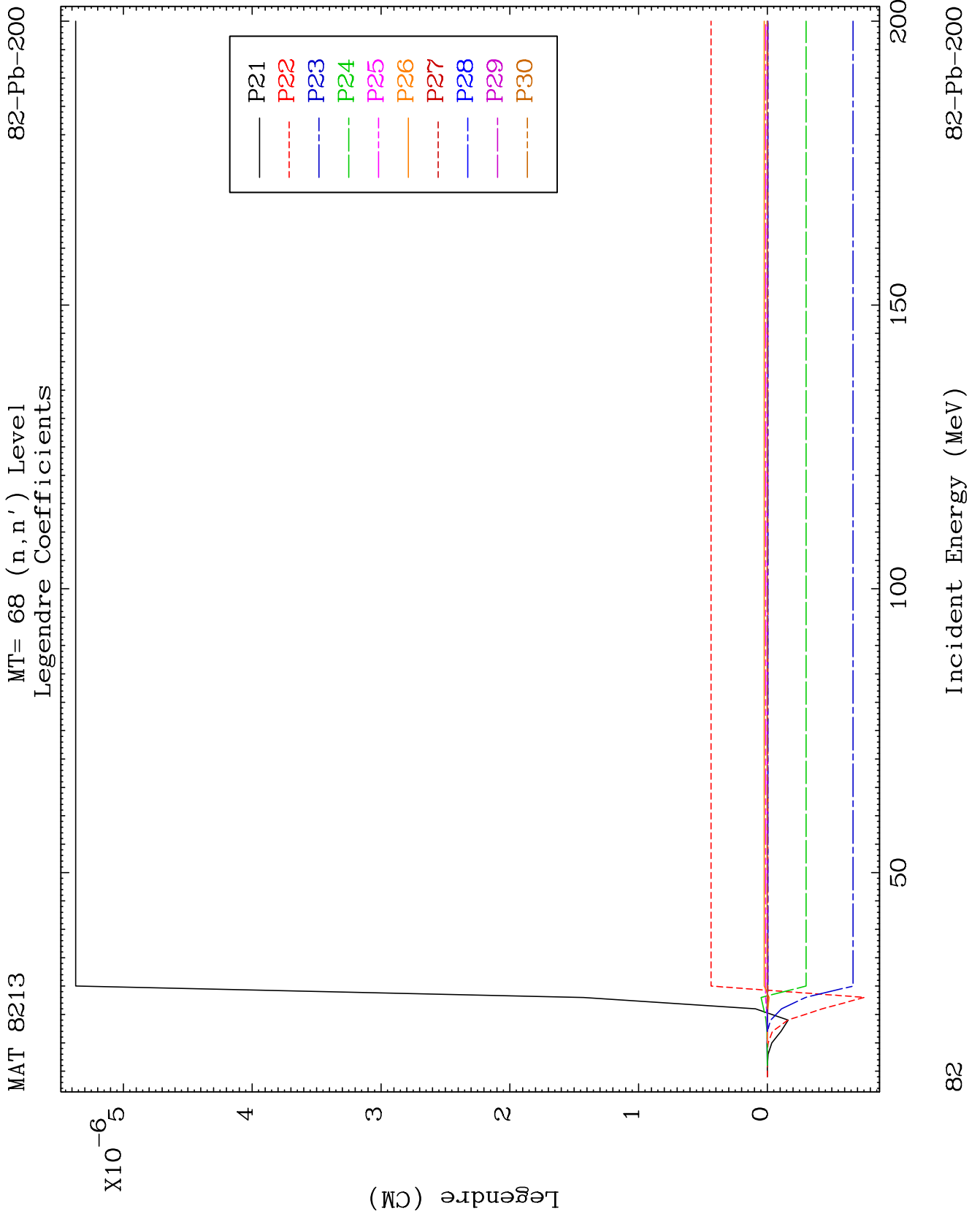


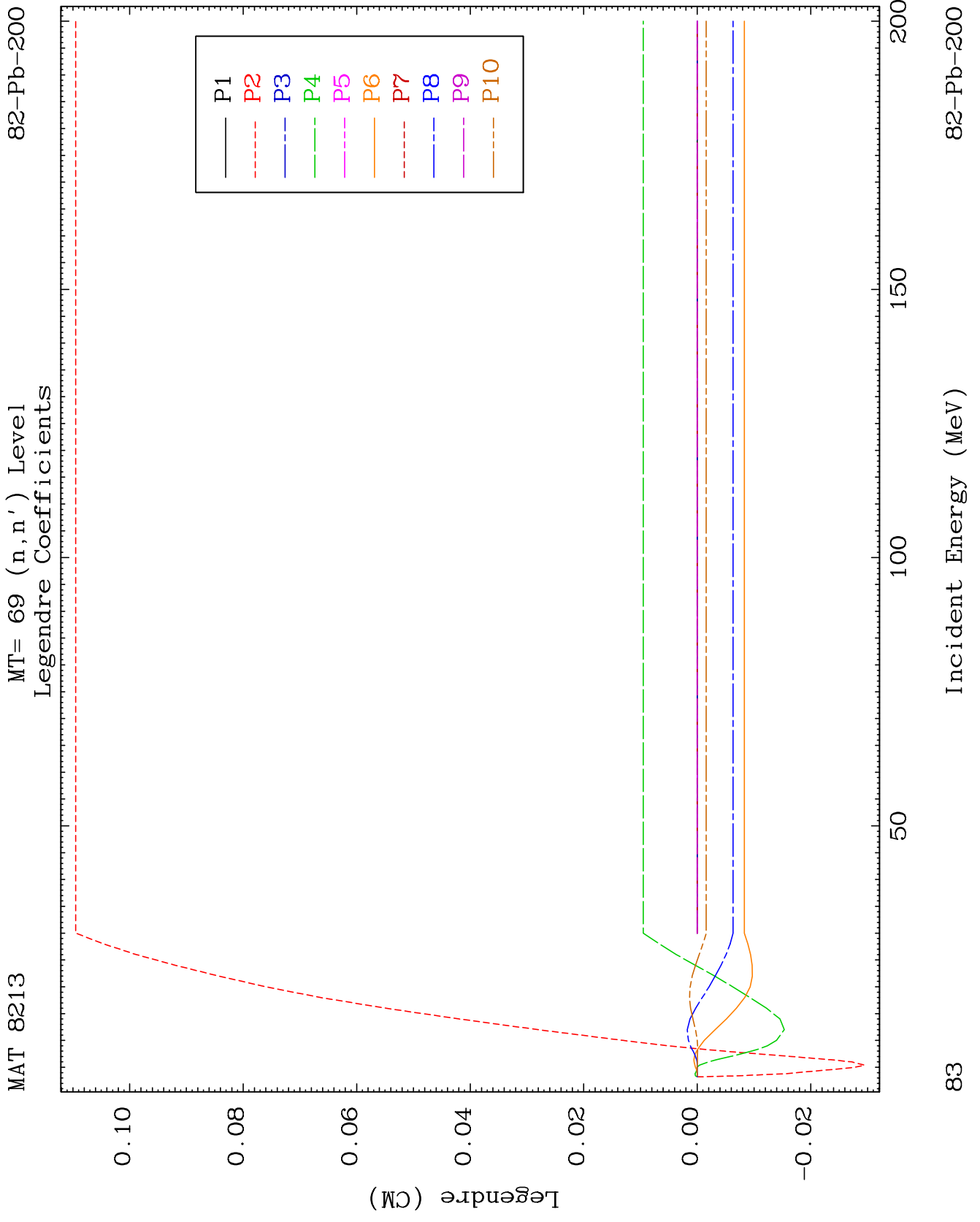
MAT 8213

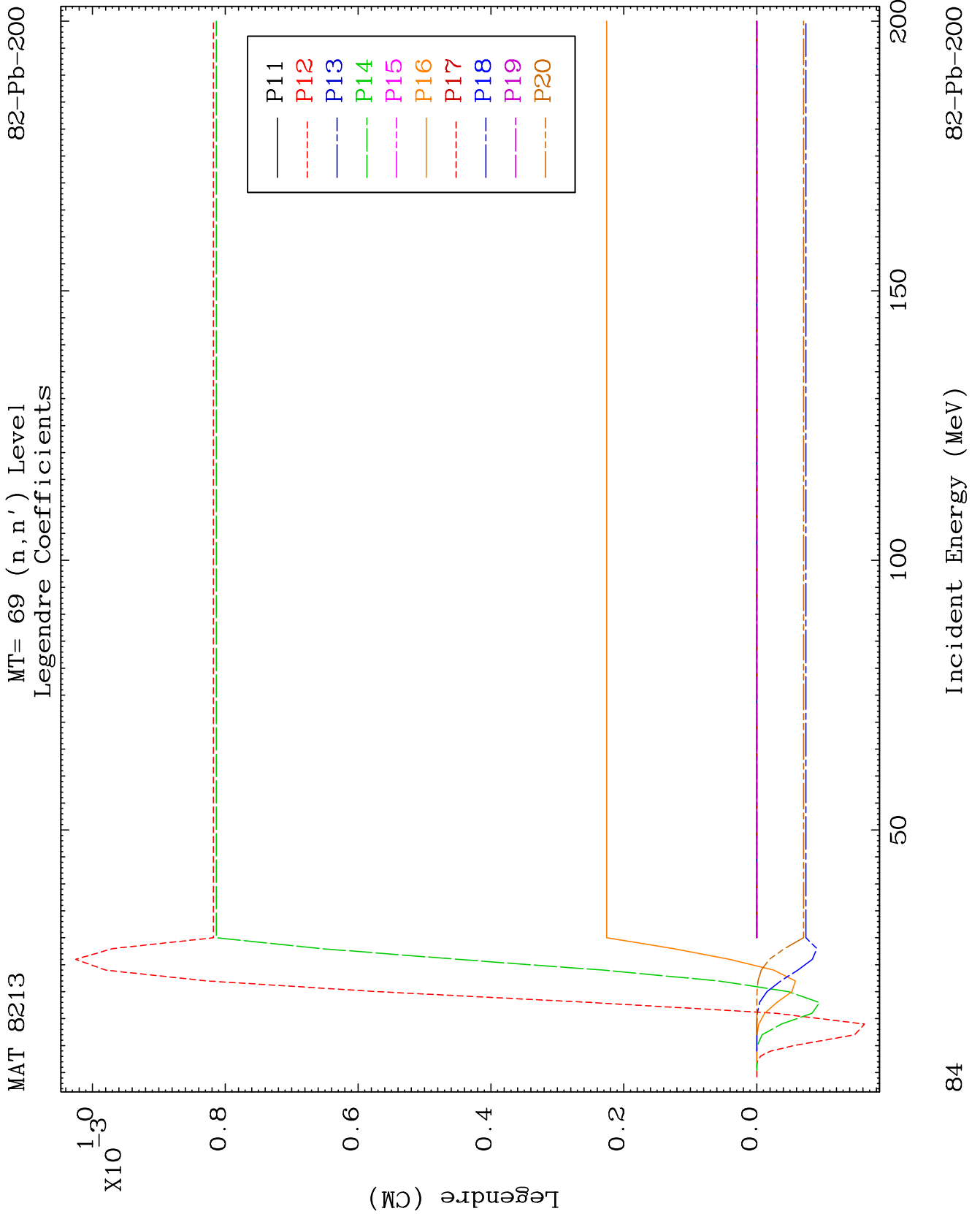
MT= 68 (n,n') Level
Legendre Coefficients

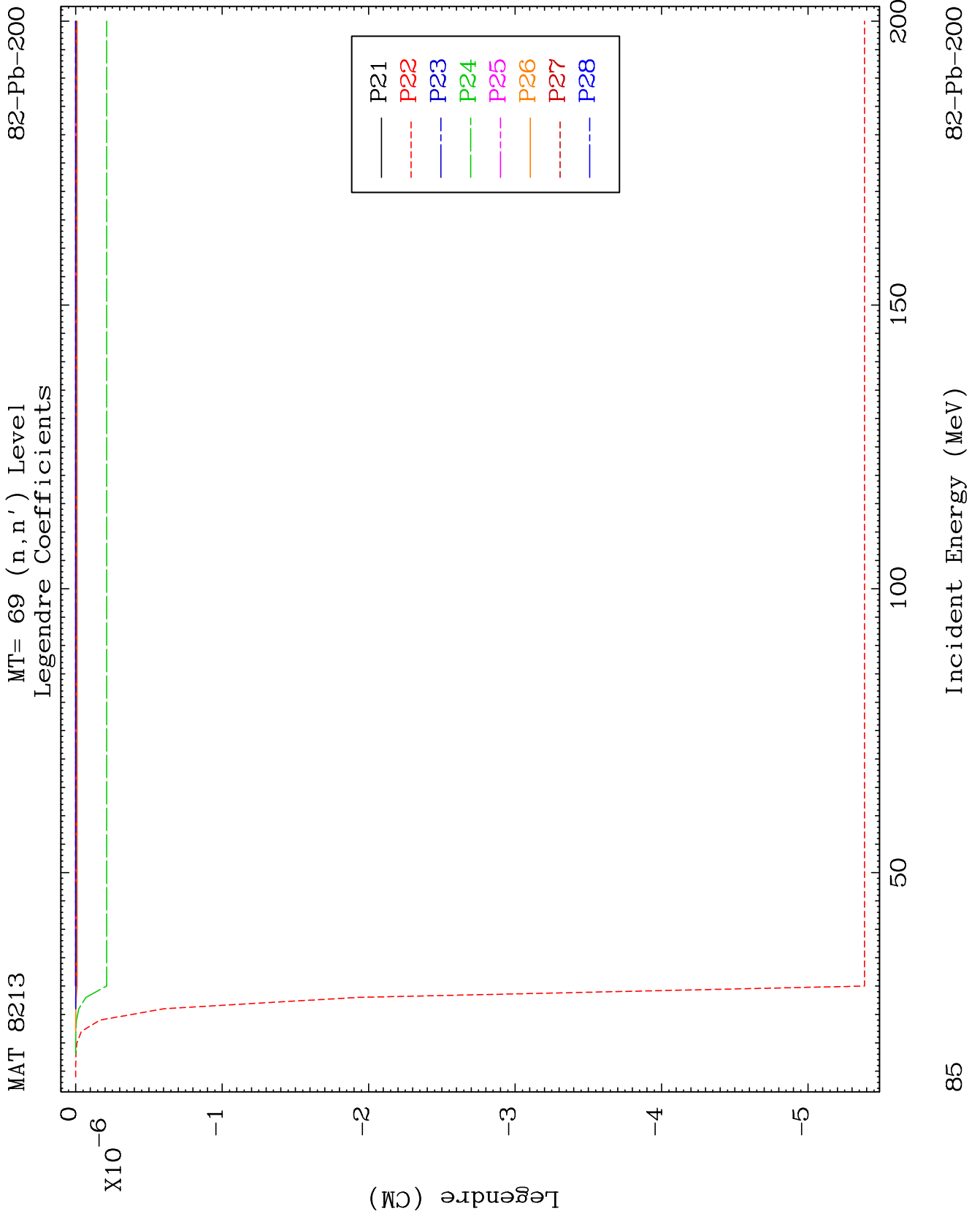
82-Pb-200







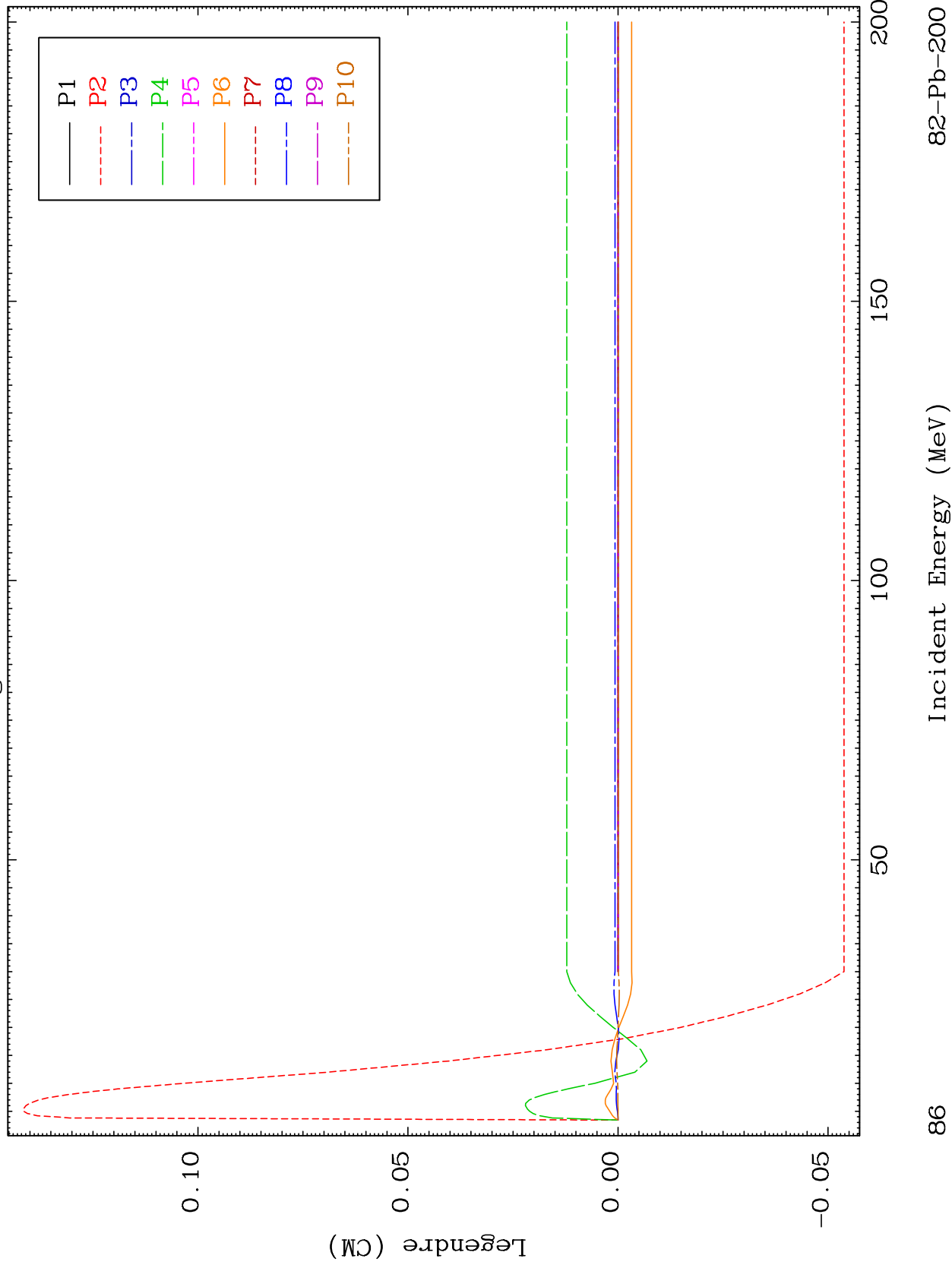




MAT 8213

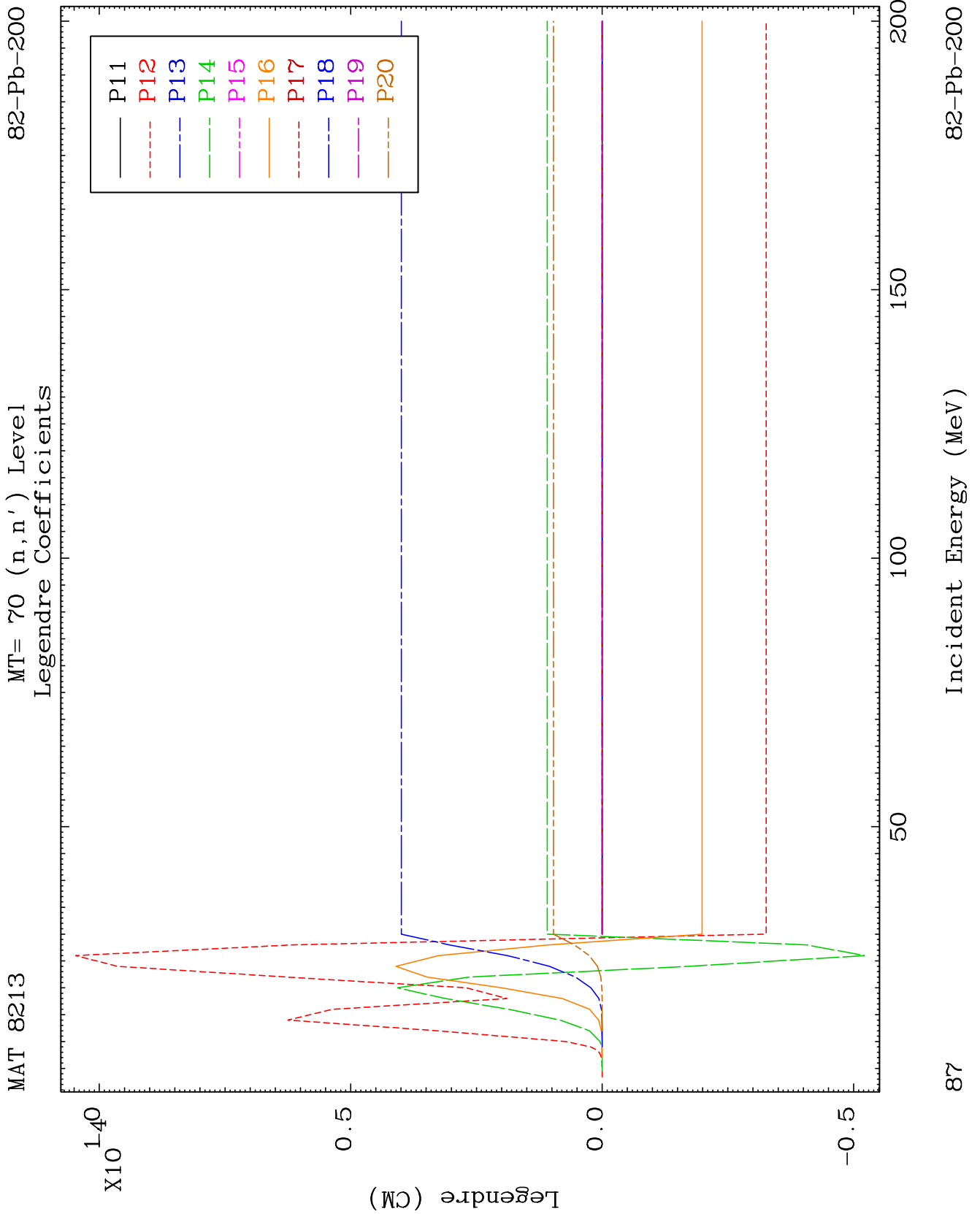
MT= 70 (n,n') Level
Legendre Coefficients

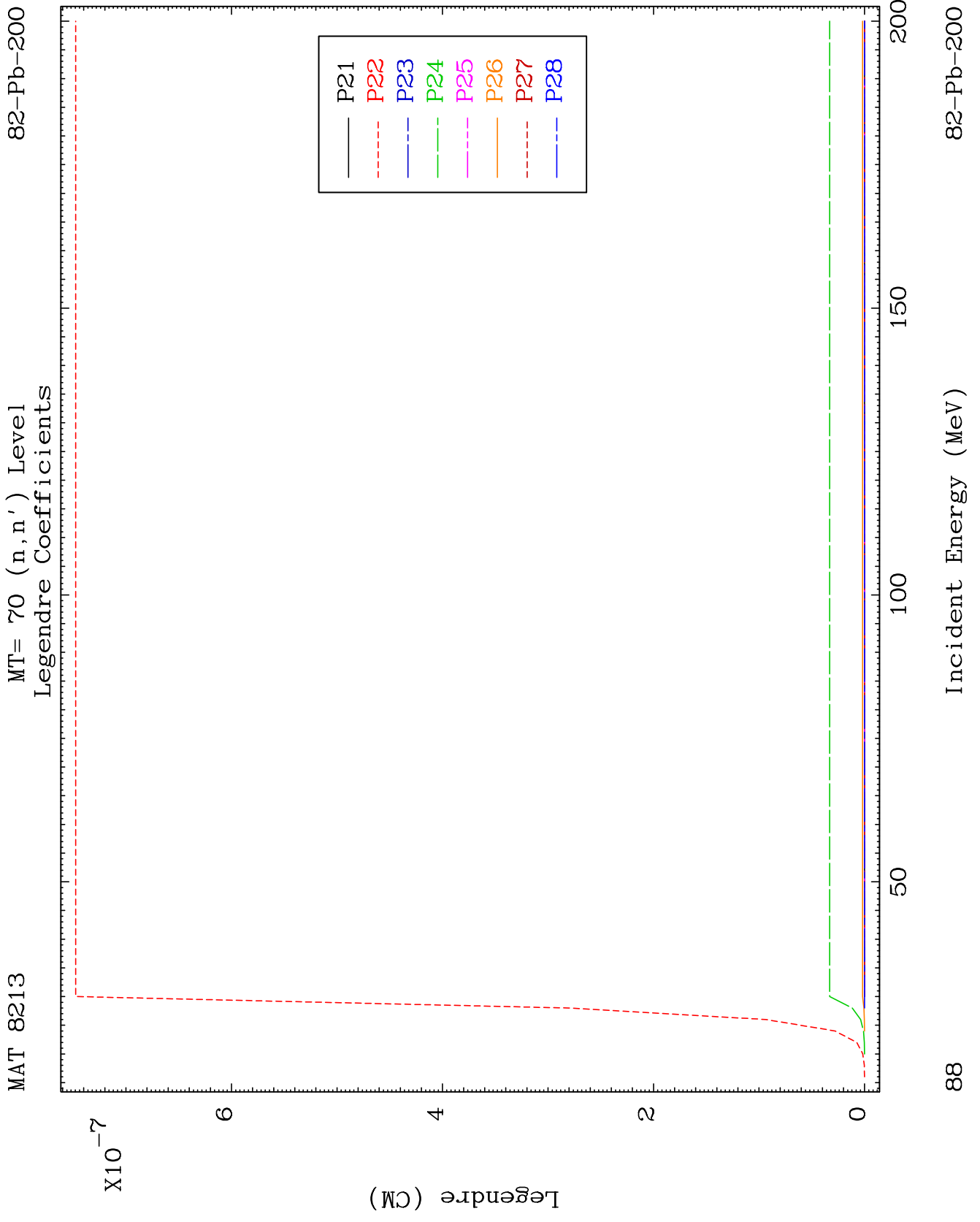
82-Pb-200

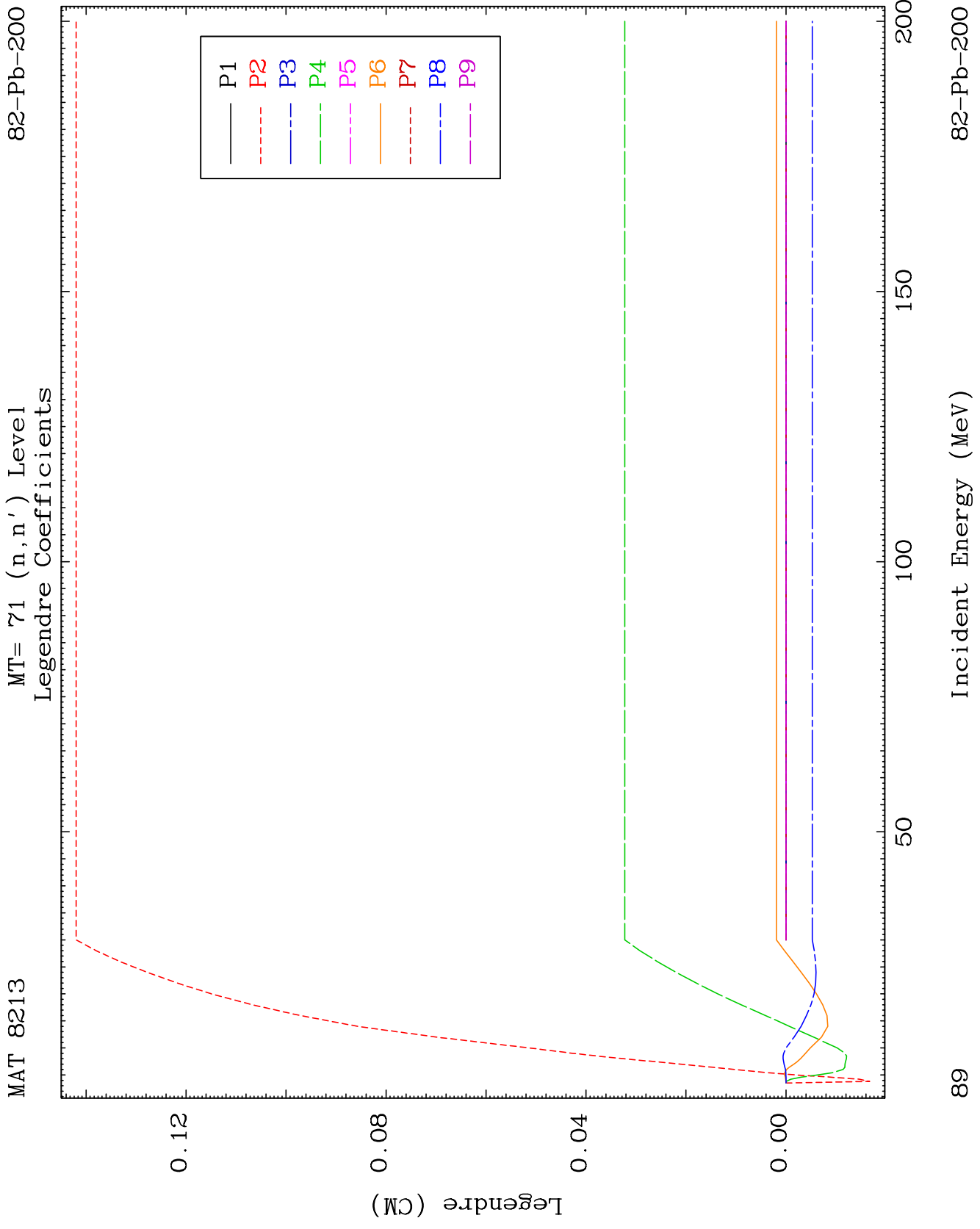


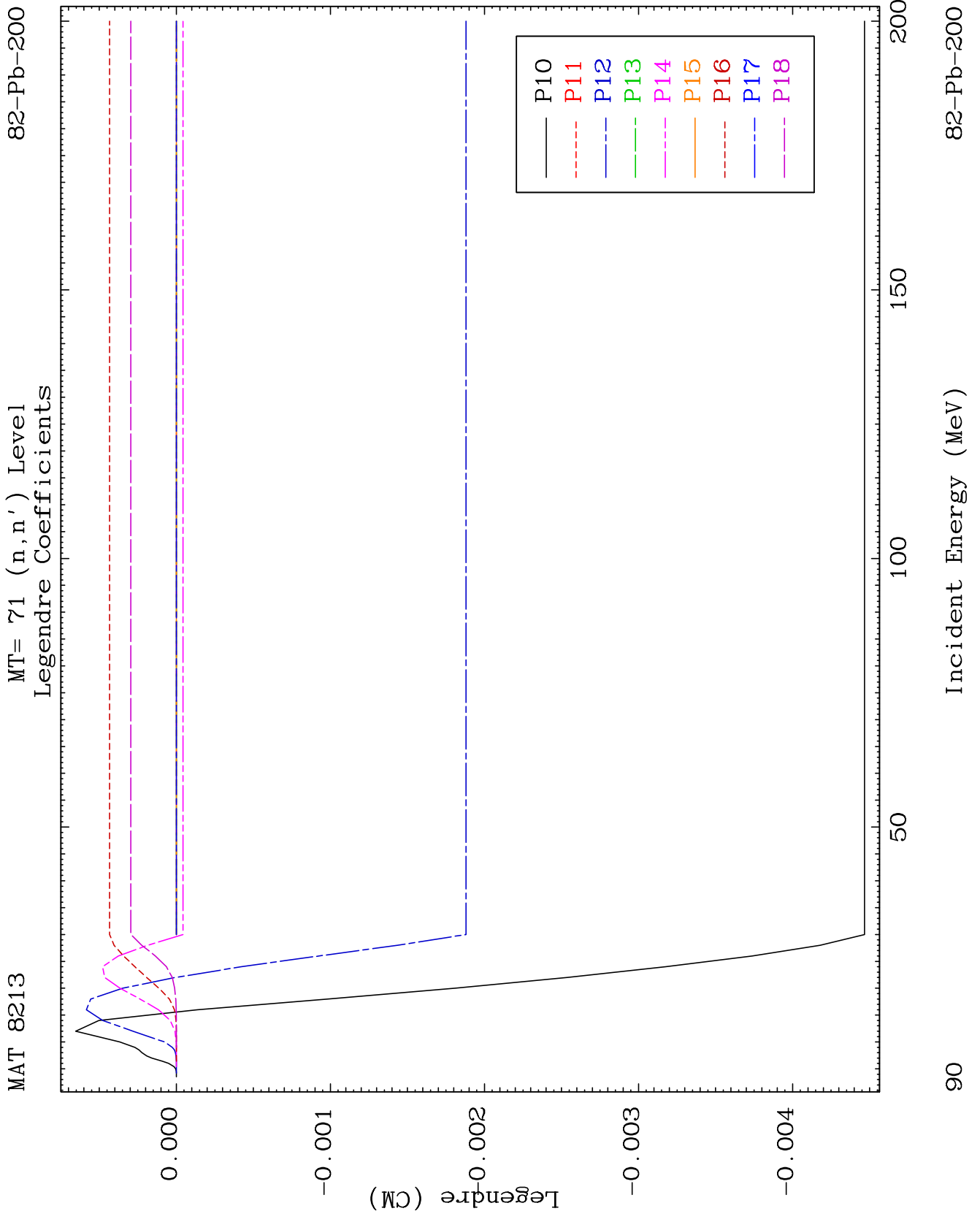
86

82-Pb-200







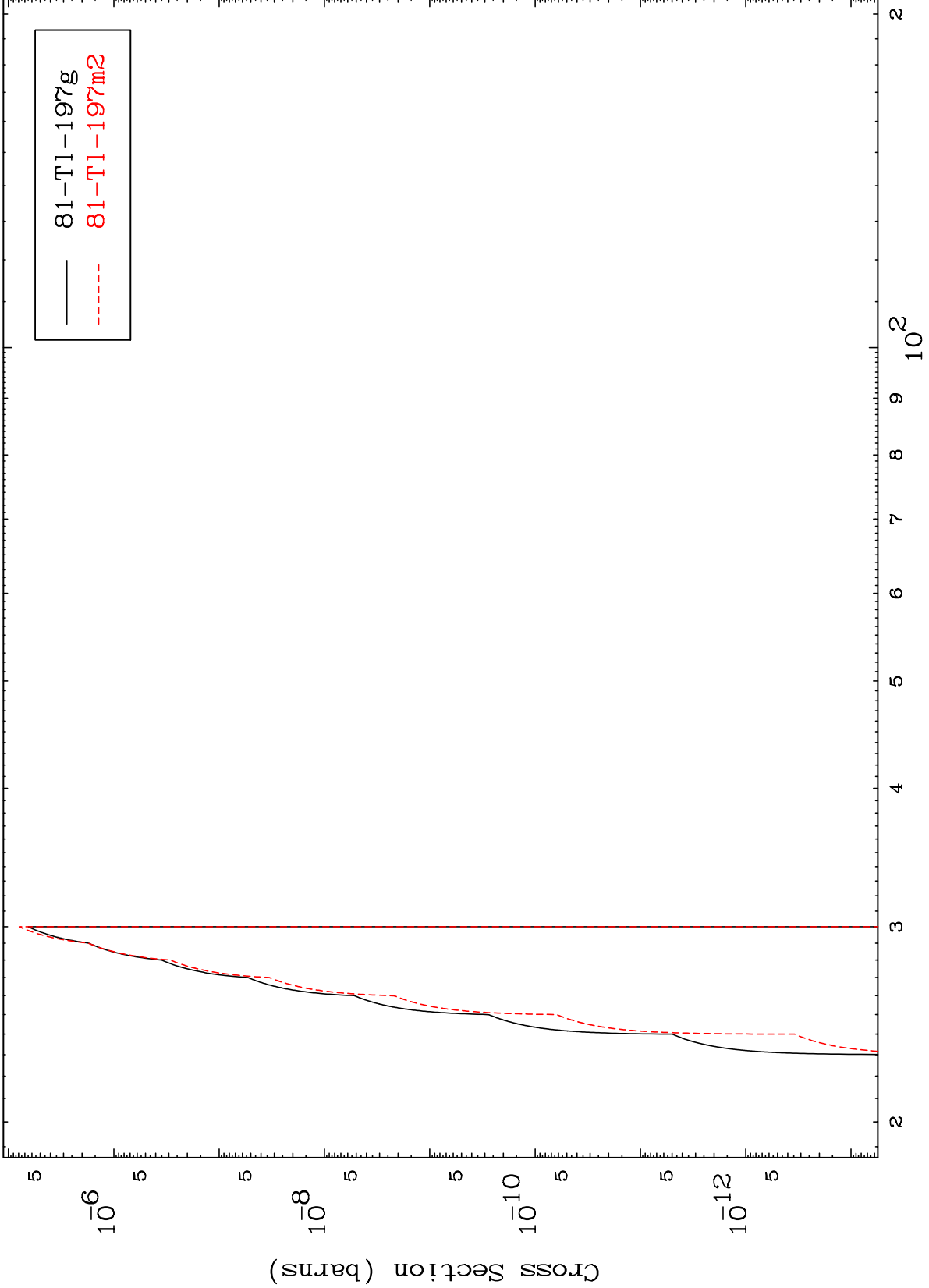


MAT 8213

(n,2n) d

82-Pb-200

Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

92

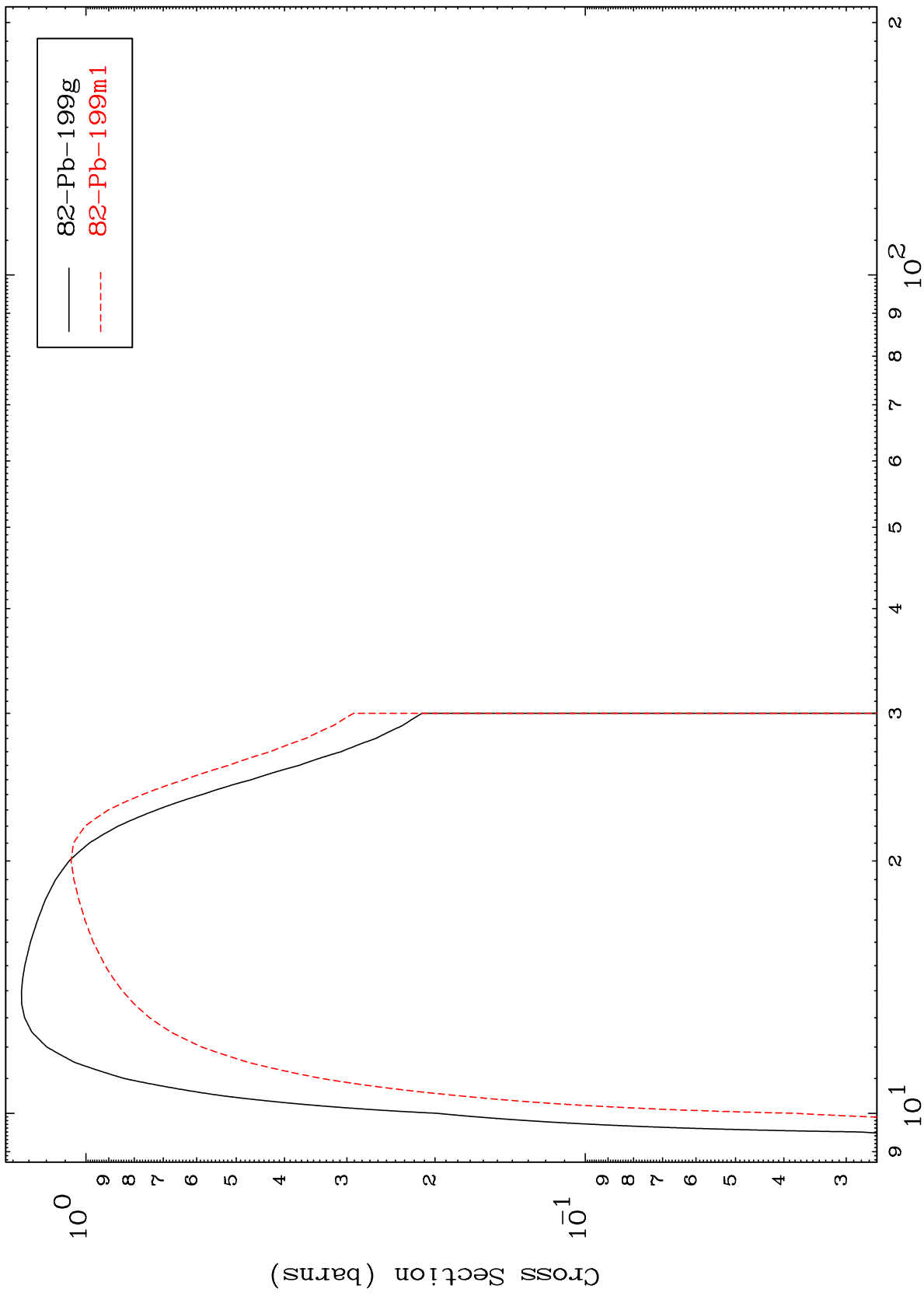
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

(n,2n)
Radionuclide Production Cross Section



93

Incident Energy (MeV)

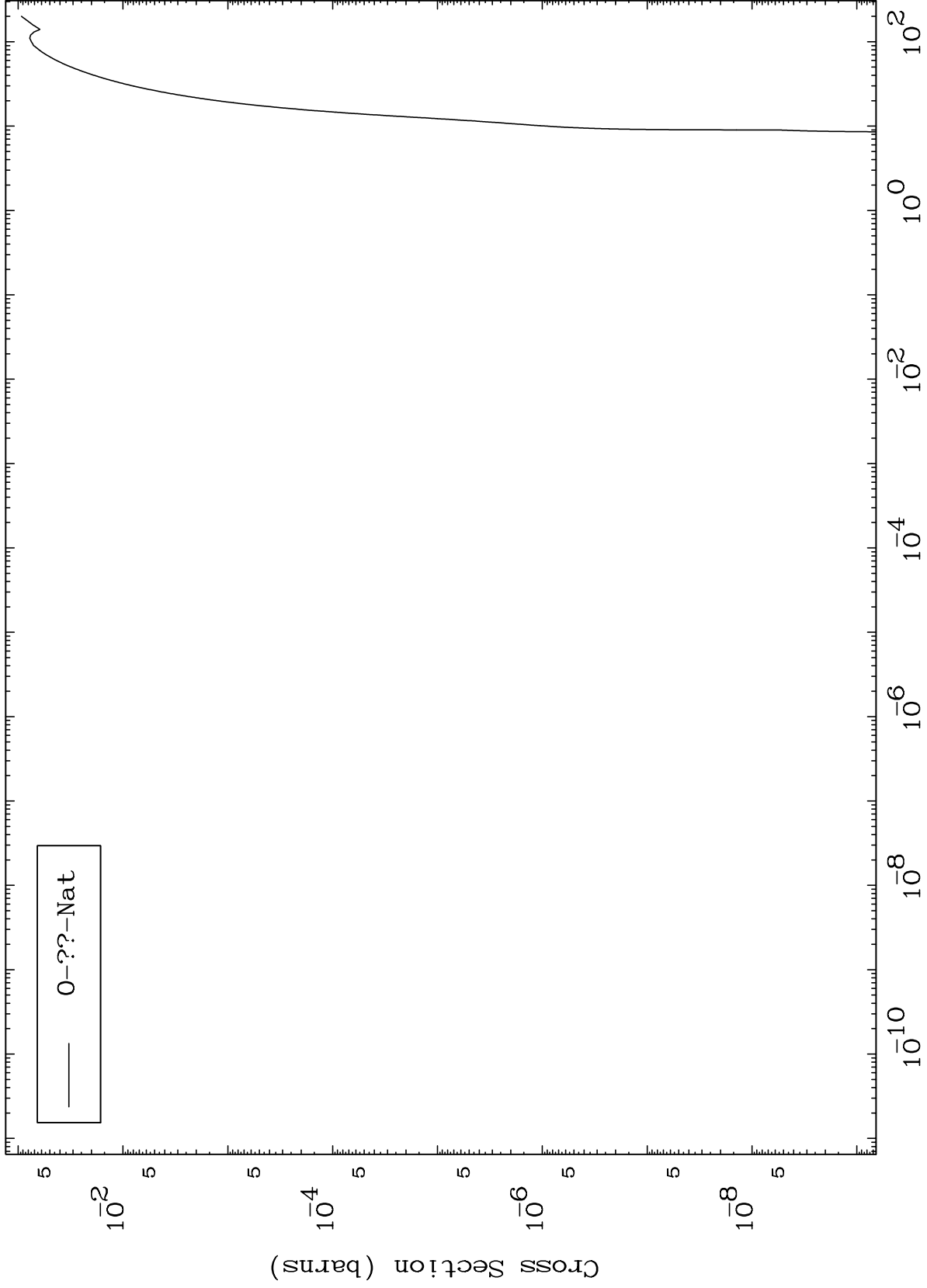
82-Pb-200

MAT 8213

Fission

82-Pb-200

Radionuclide Production Cross Section



94

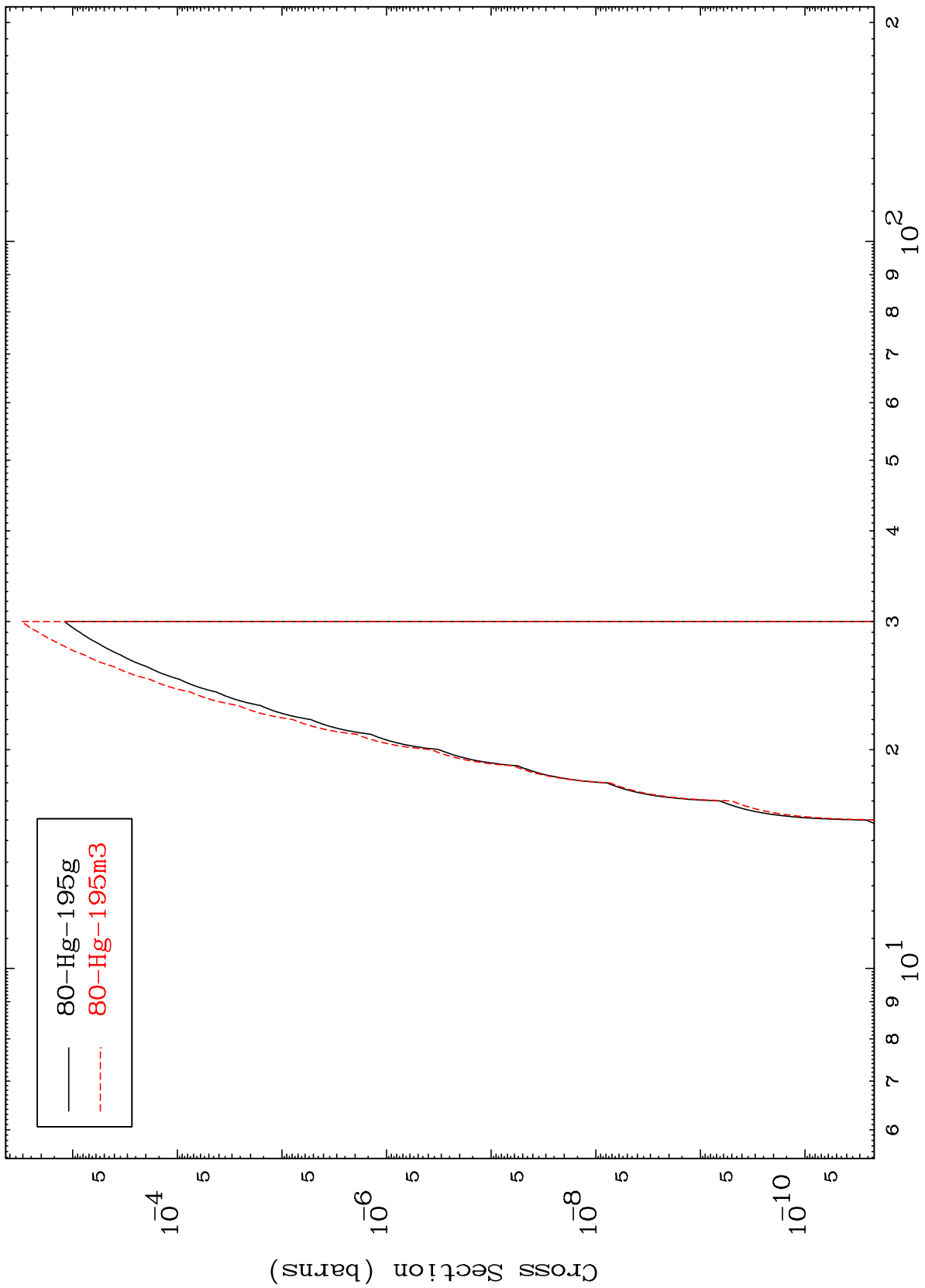
82-Pb-200

MAT 8213

(n,2n) α

82-Pb-200

Radionuclide Production Cross Section

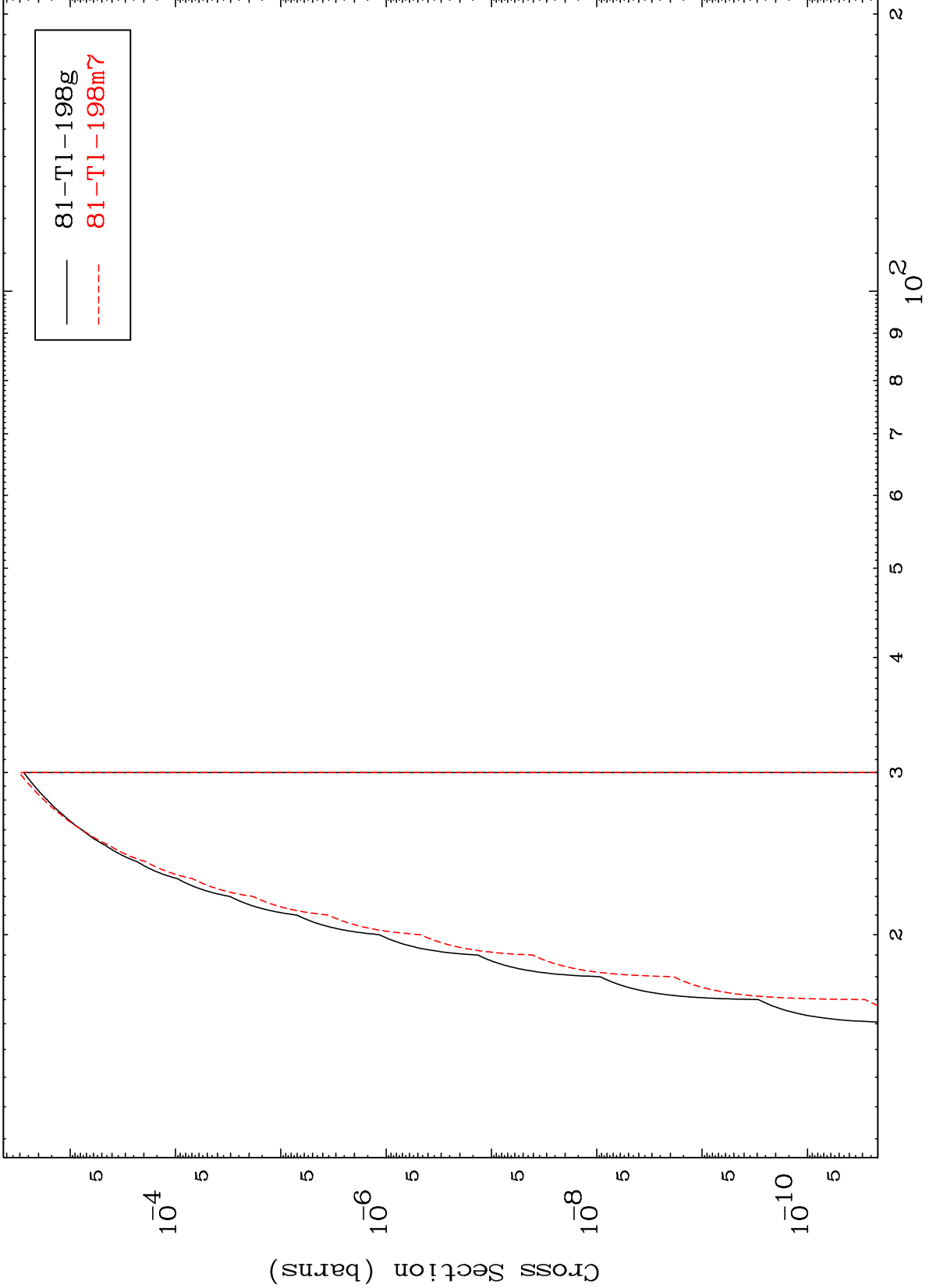


95

Incident Energy (MeV)

82-Pb-200

Radionuclide Production Cross Section

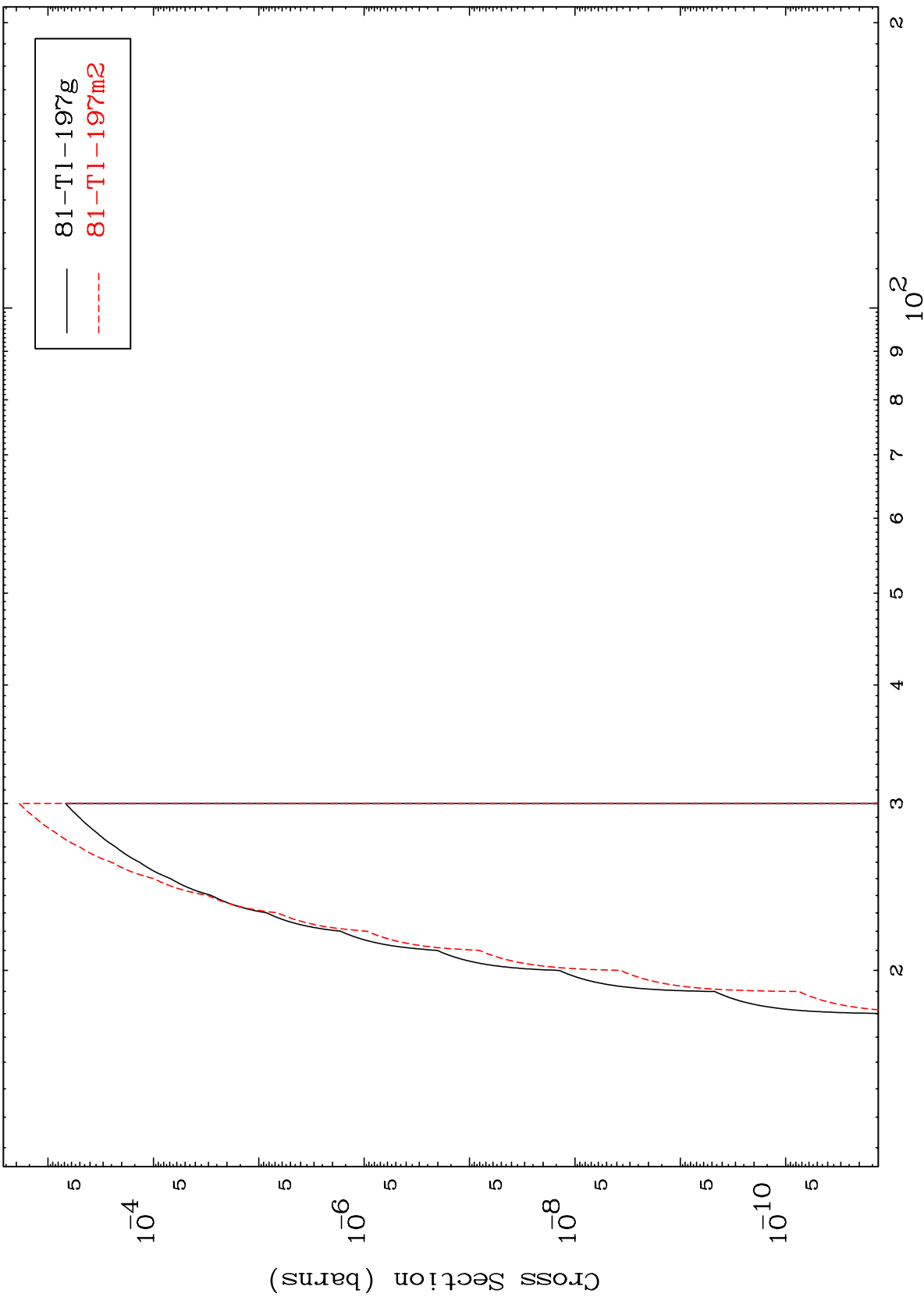


MAT 8213

(n,n') t

82-Pb-200

Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

97

Incident Energy (MeV)

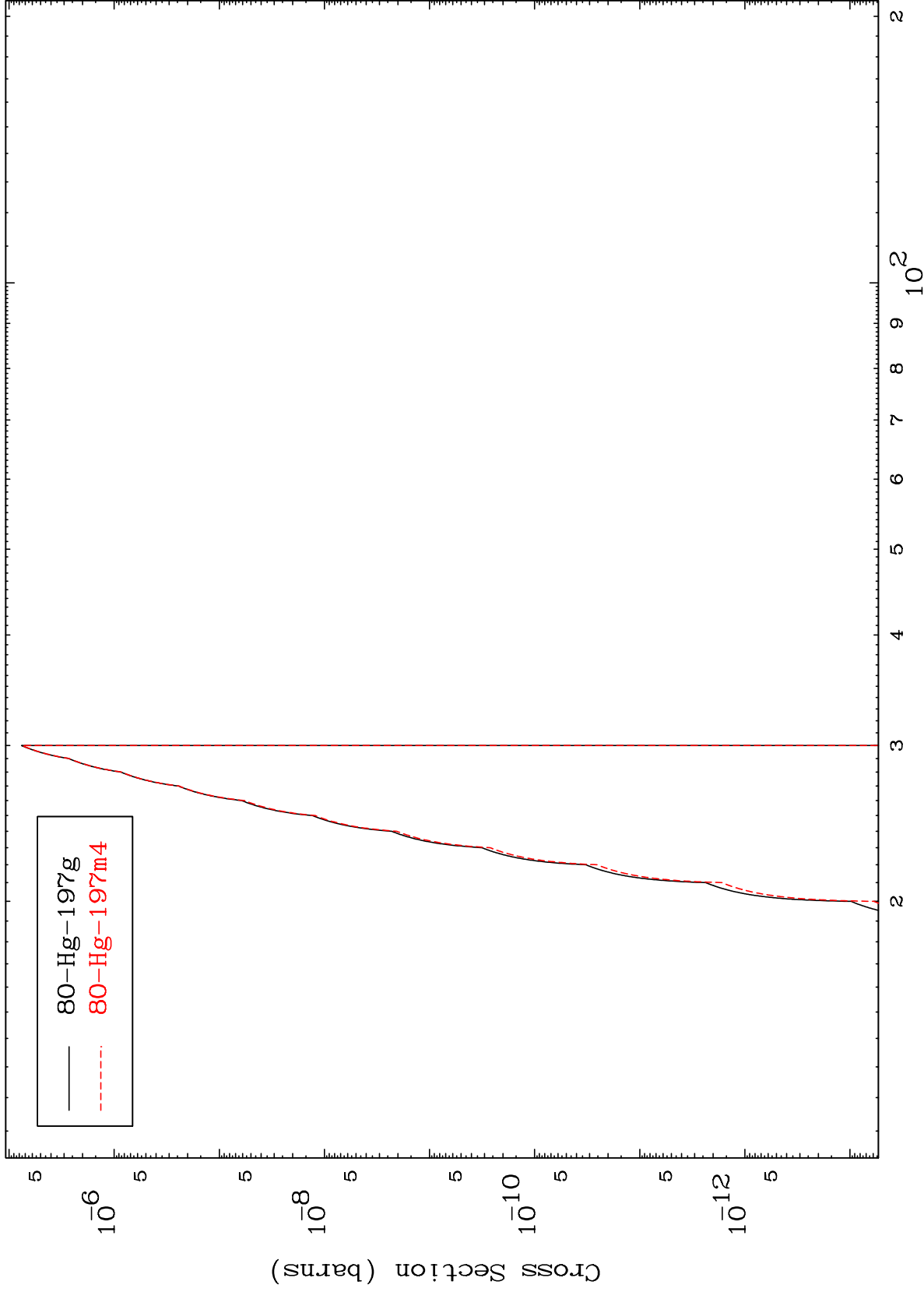
82-Pb-200

MAT 8213

(n,n') He-3

82-Pb-200

Radionuclide Production Cross Section



98

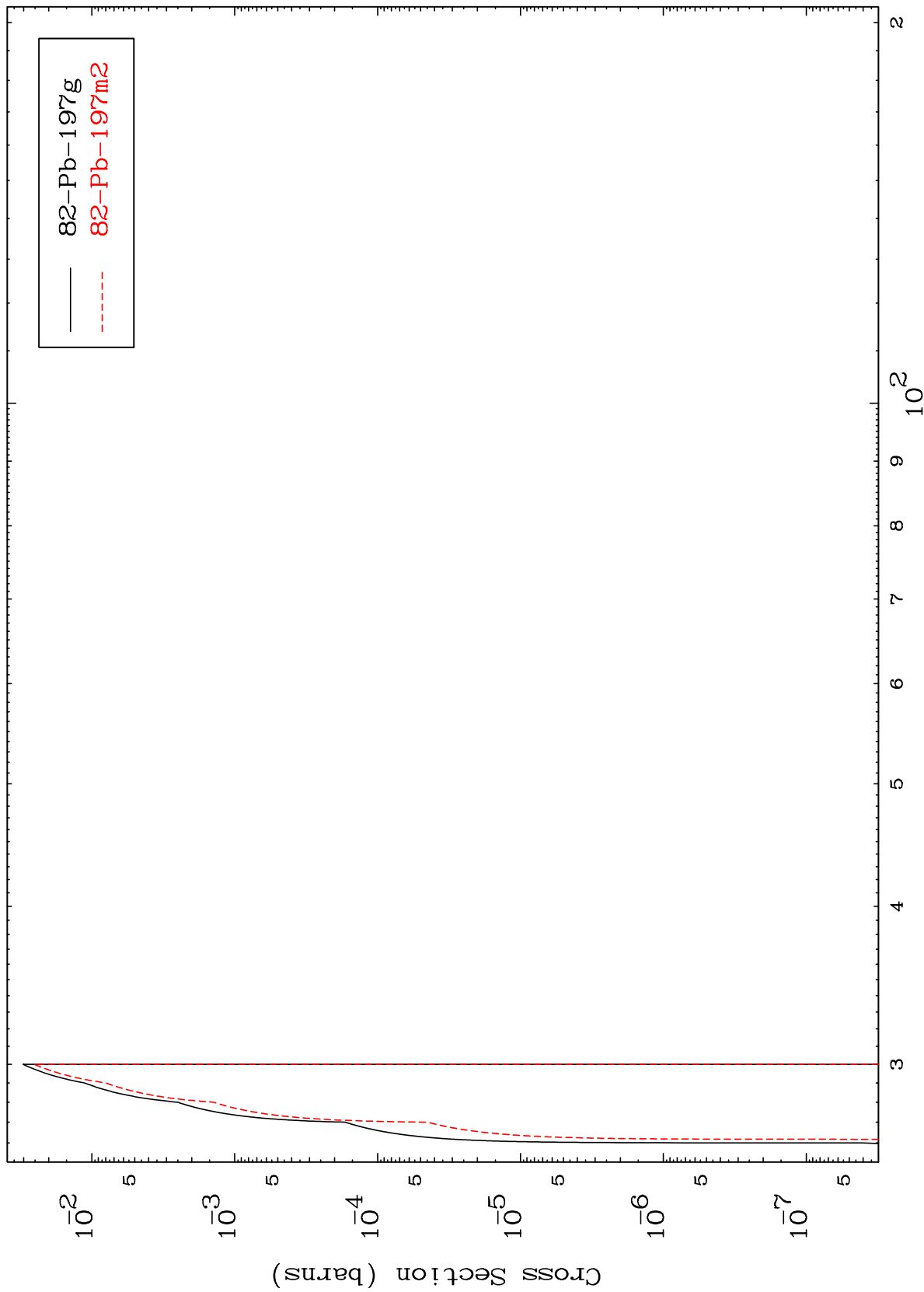
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

(n,4n)
Radionuclide Production Cross Section



99

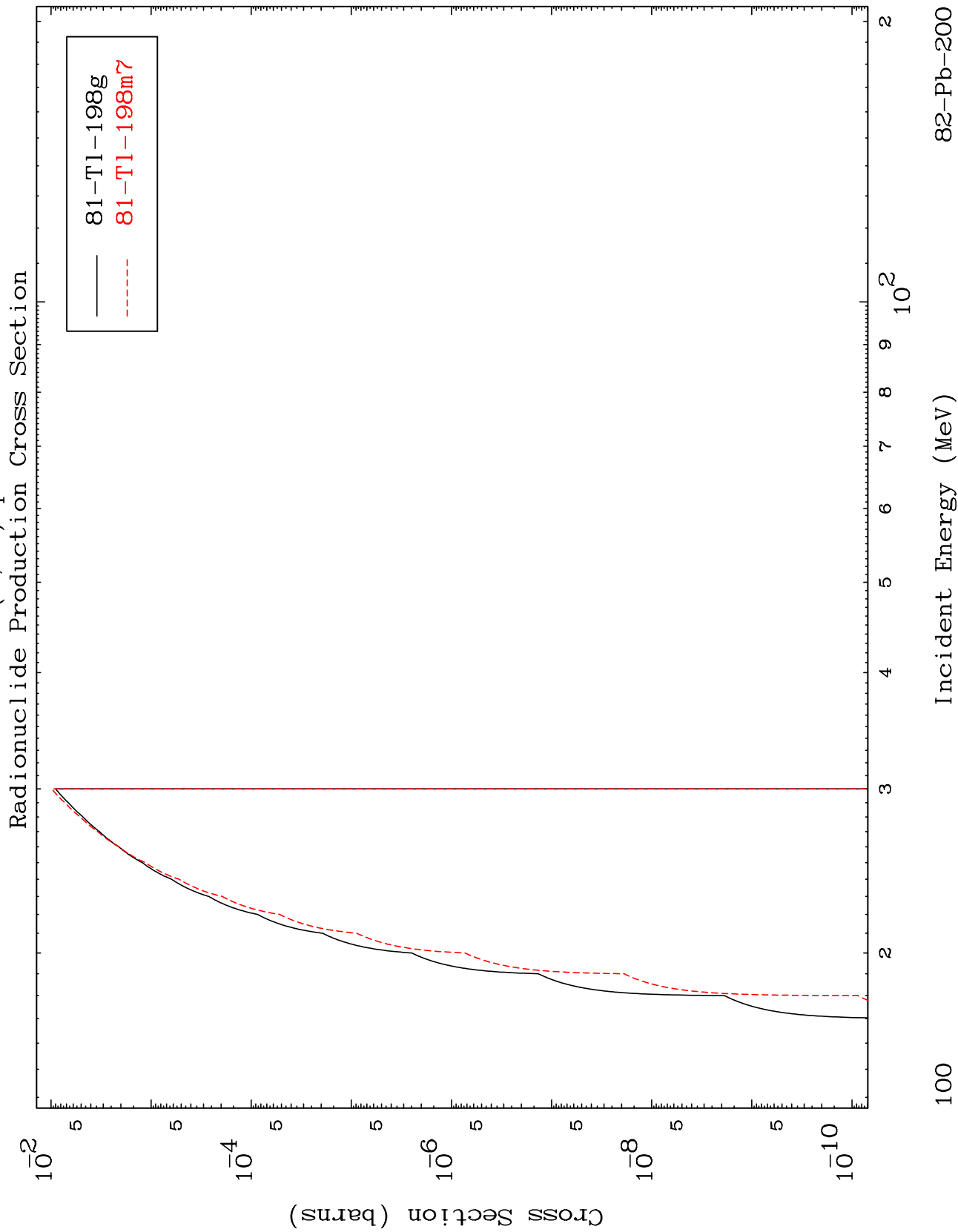
82-Pb-200

Incident Energy (MeV)

MAT 8213

(n,2n) p

82-Pb-200



100

Incident Energy (MeV)

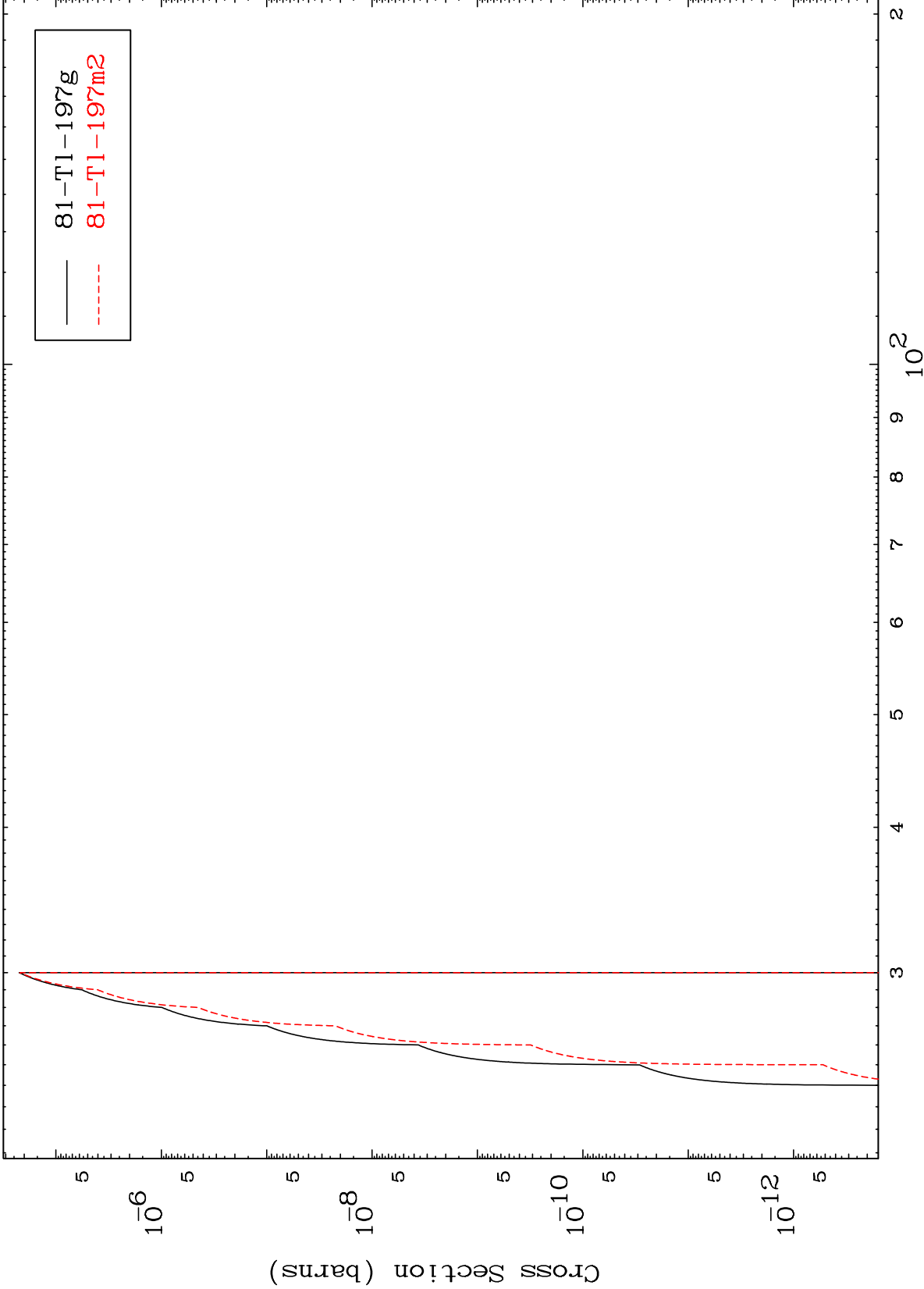
82-Pb-200

MAT 8213

(n,3n) p

82-Pb-200

Radionuclide Production Cross Section



101

Incident Energy (MeV)

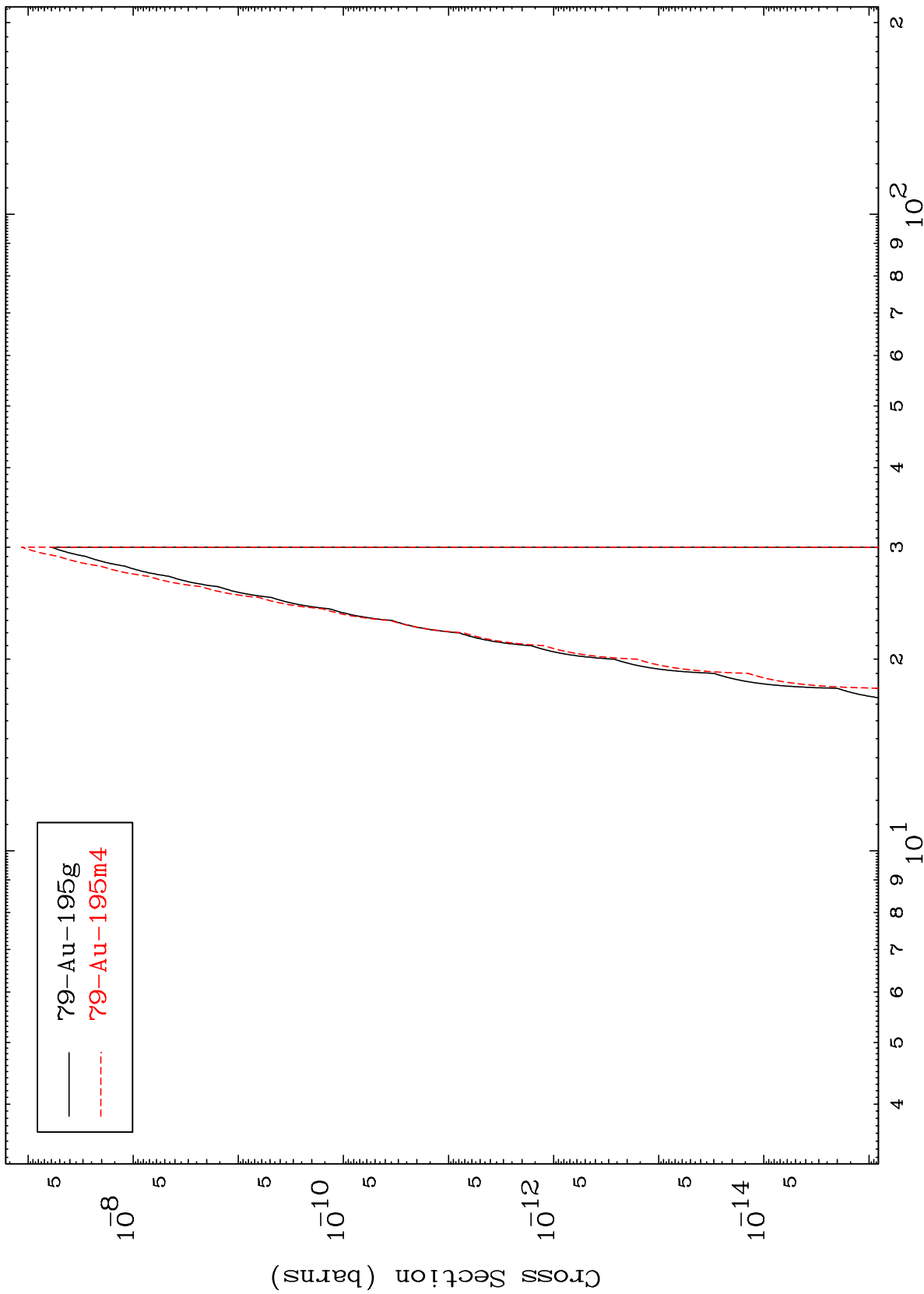
82-Pb-200

MAT 8213

(n,n') p α

82-Pb-200

Radionuclide Production Cross Section



102

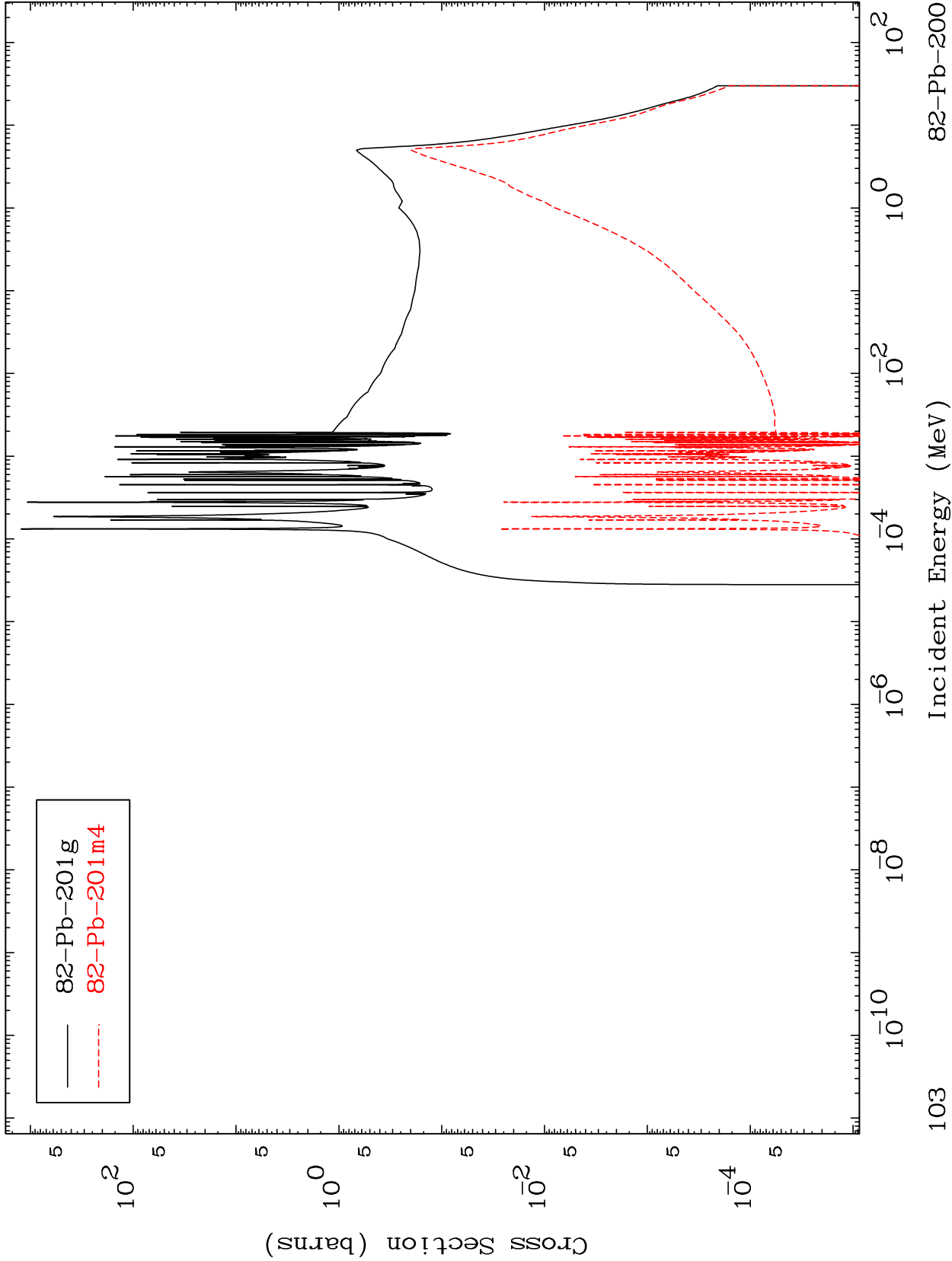
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

(n,γ)
Radionuclide Production Cross Section



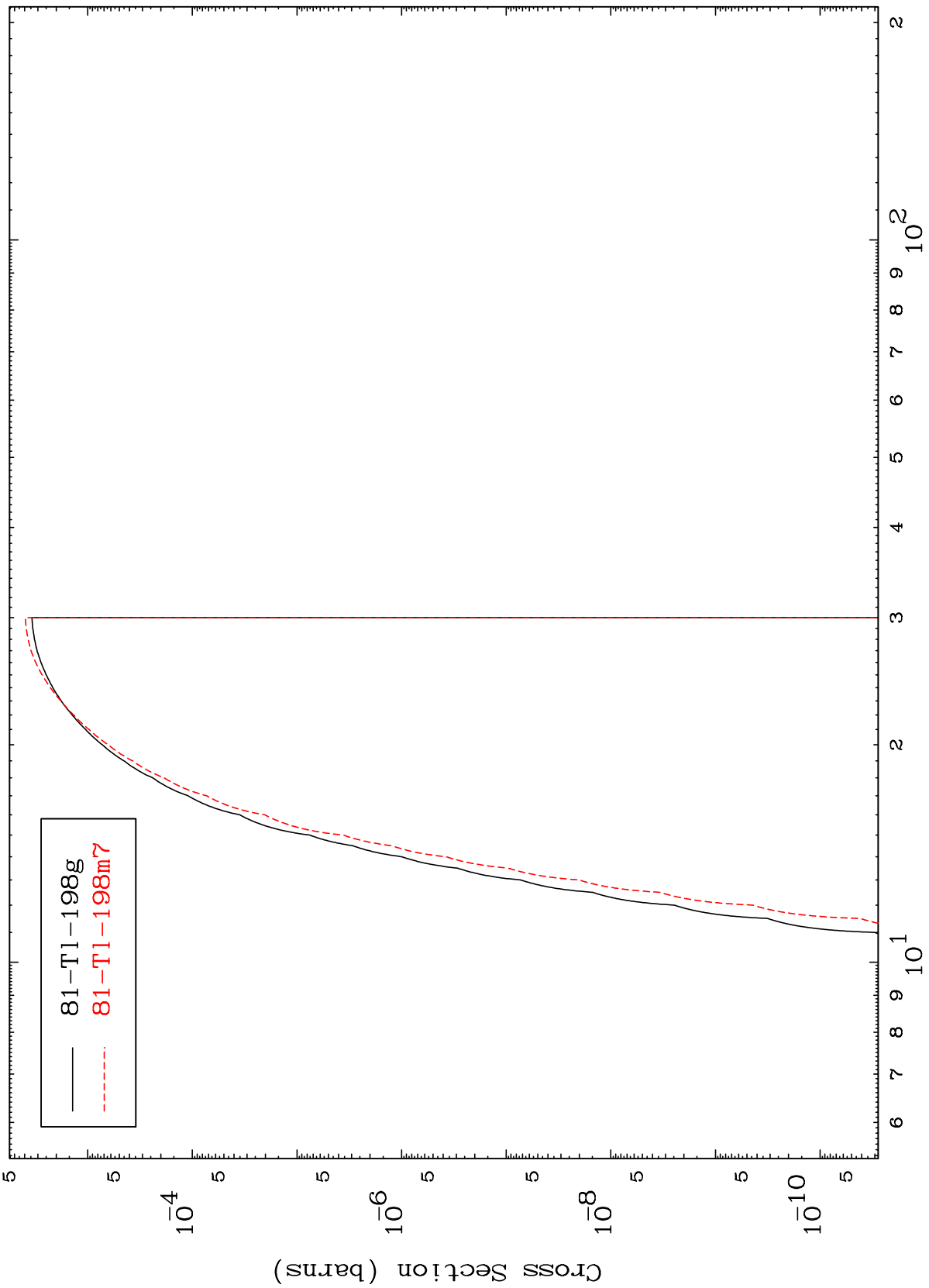
103

82-Pb-200

MAT 8213

82-Pb-200

(n, t)
Radionuclide Production Cross Section



— 81-Tl-198g
- - - 81-Tl-198m7

104

Incident Energy (MeV)

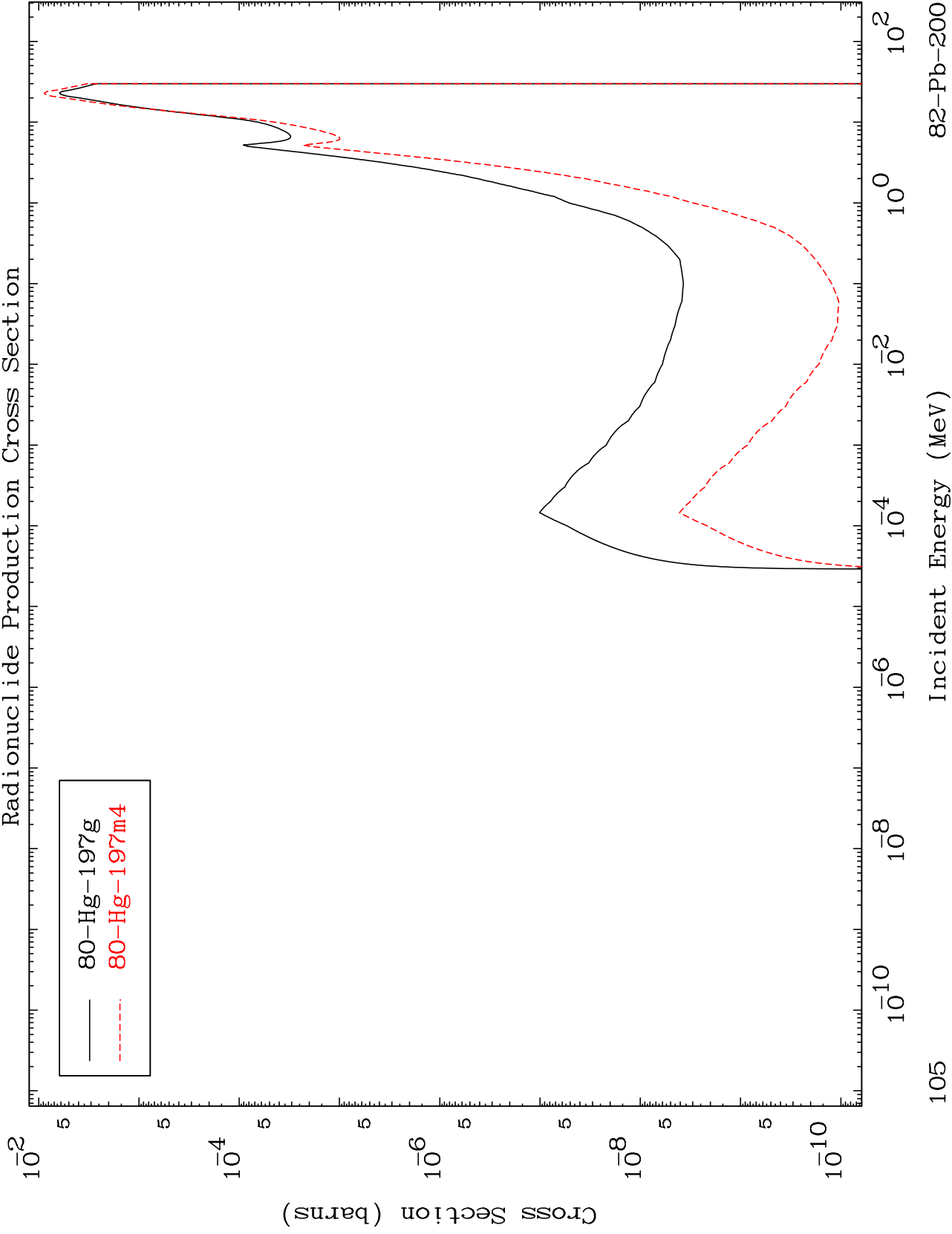
82-Pb-200

MAT 8213

(n, α)

82-Pb-200

Radionuclide Production Cross Section



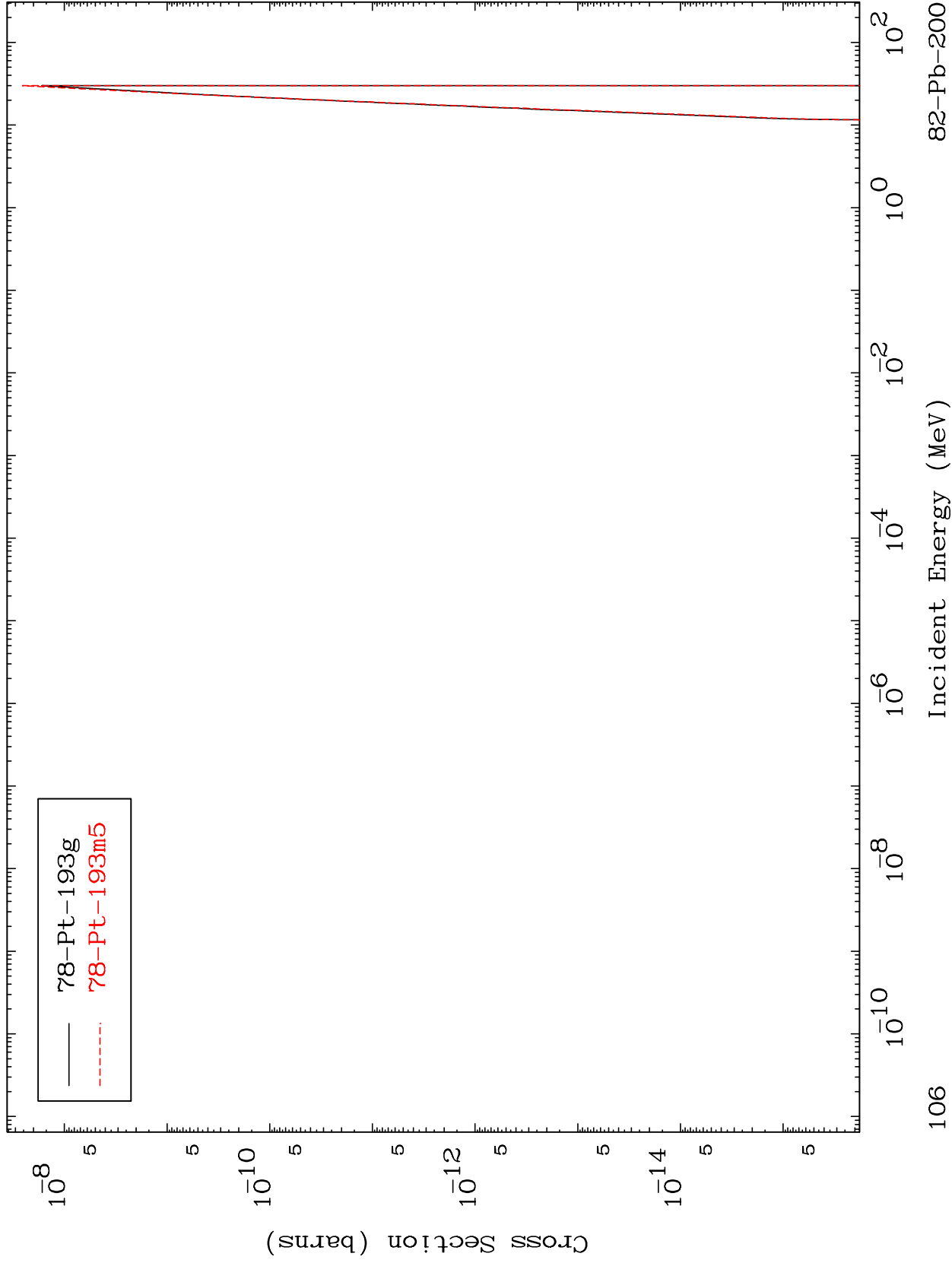
105

MAT 8213

(n,2α)

82-Pb-200

Radionuclide Production Cross Section

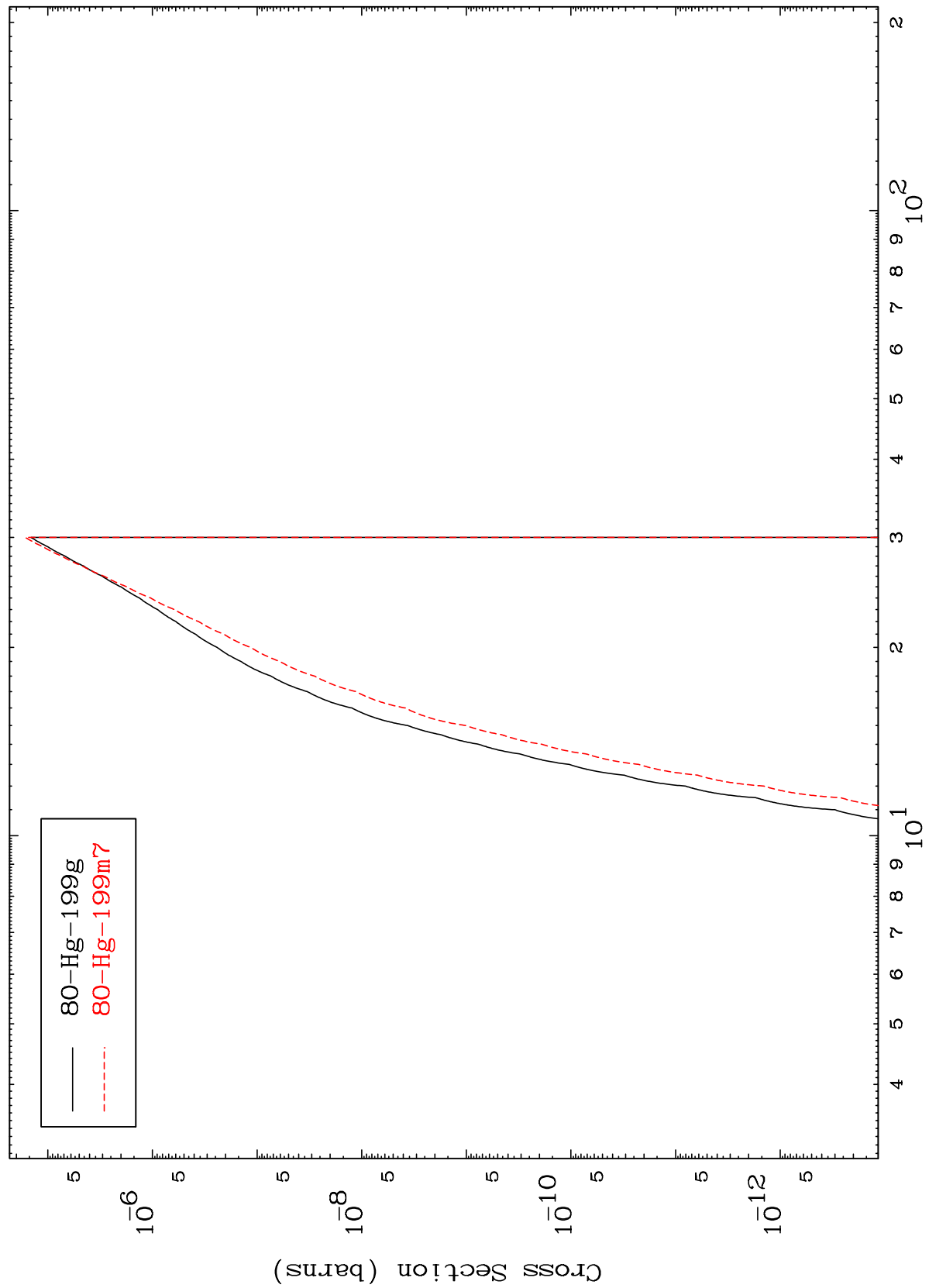


106

MAT 8213

82-Pb-200

(n,2p)
Radionuclide Production Cross Section



107

82-Pb-200

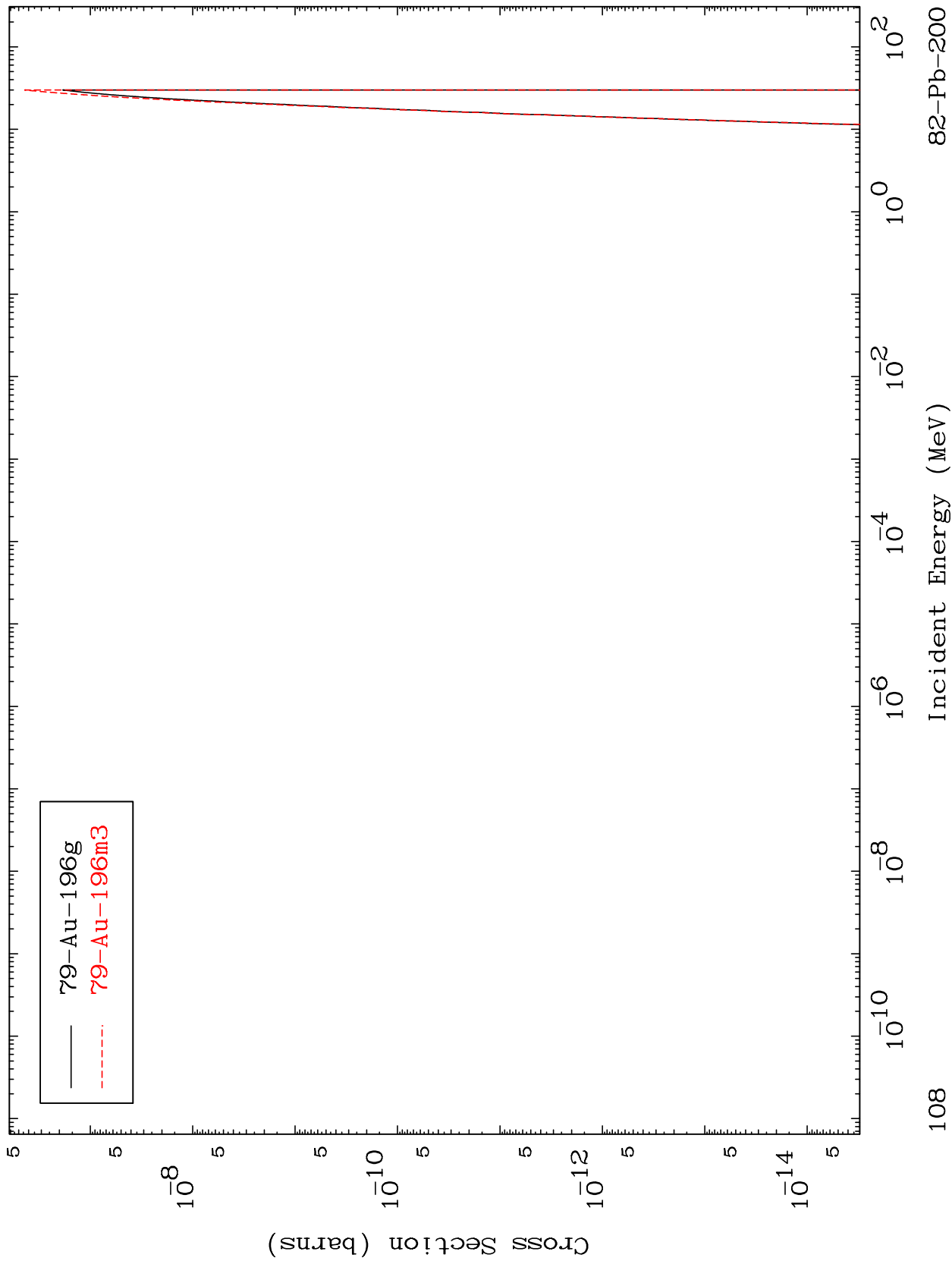
Incident Energy (MeV)

MAT 8213

(n,p) α

82-Pb-200

Radionuclide Production Cross Section

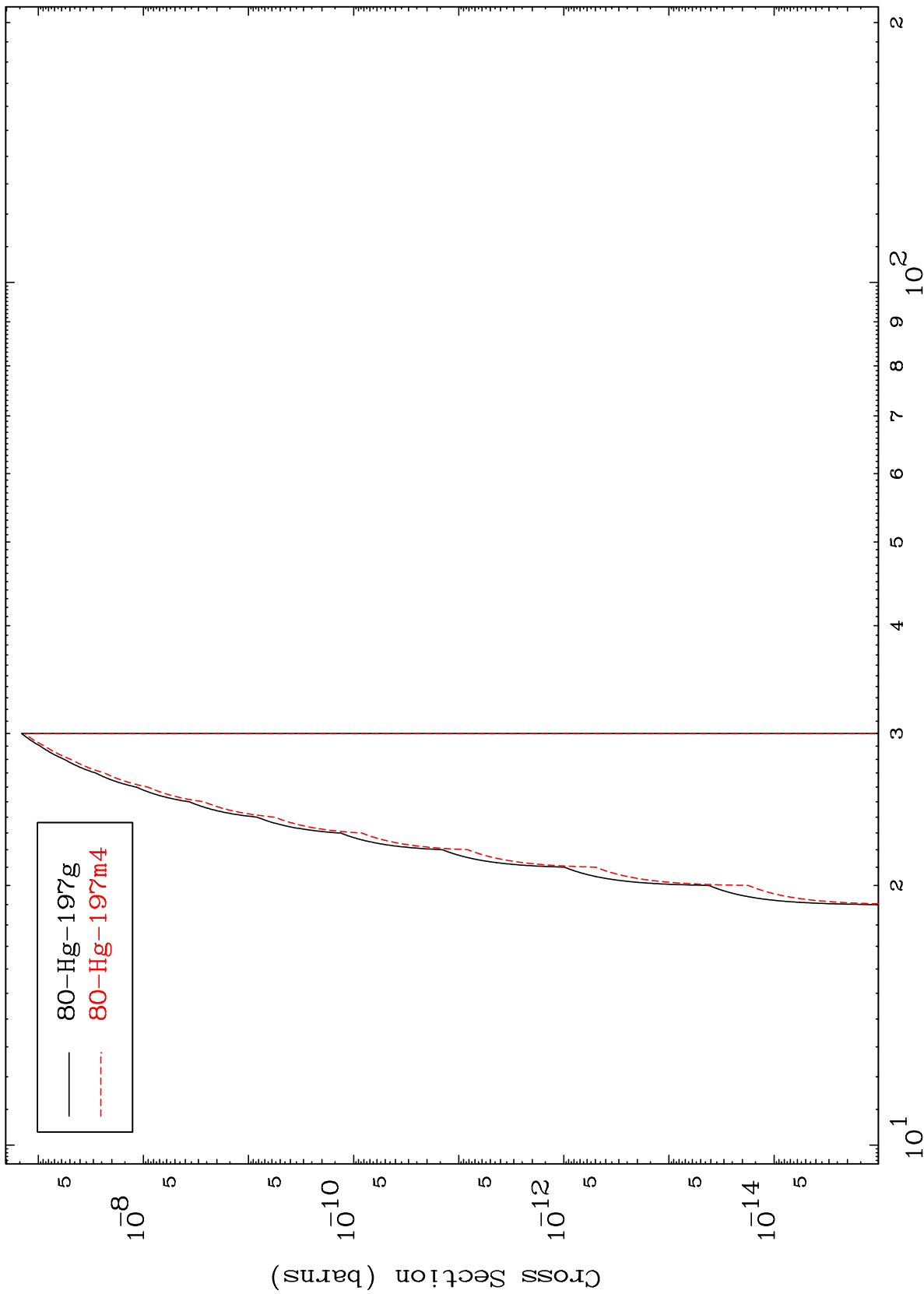


MAT 8213

(n,p) t

82-Pb-200

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-200

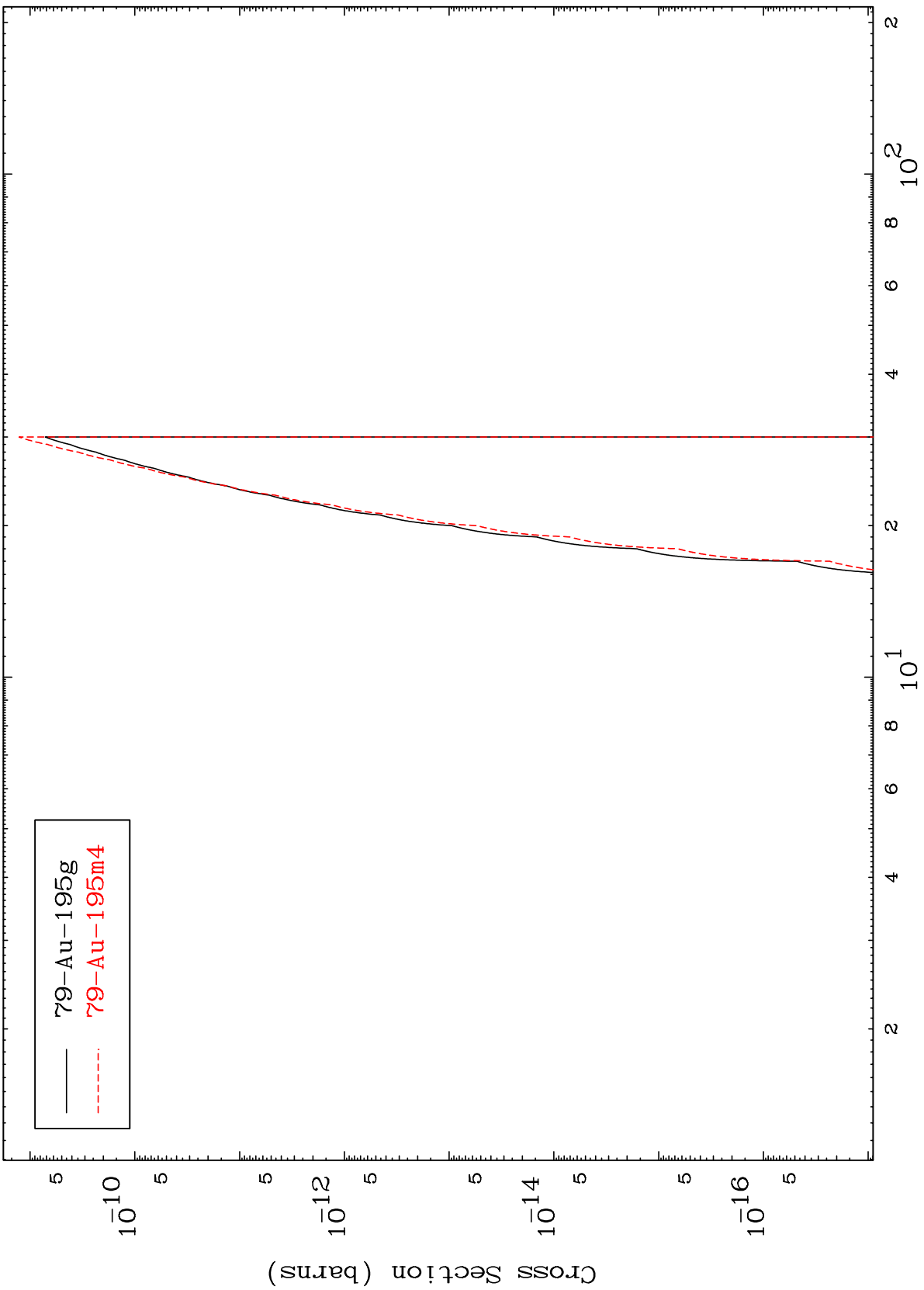
109

MAT 8213

(n,d) α

82-Pb-200

Radionuclide Production Cross Section



110

Incident Energy (MeV)

82-Pb-200