

Program EVALPLOT
(Version 2015-2)

by

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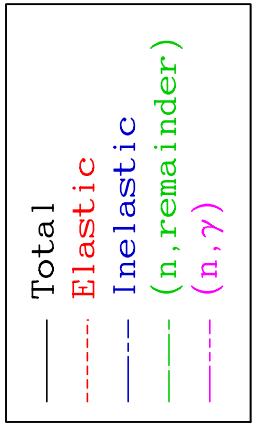
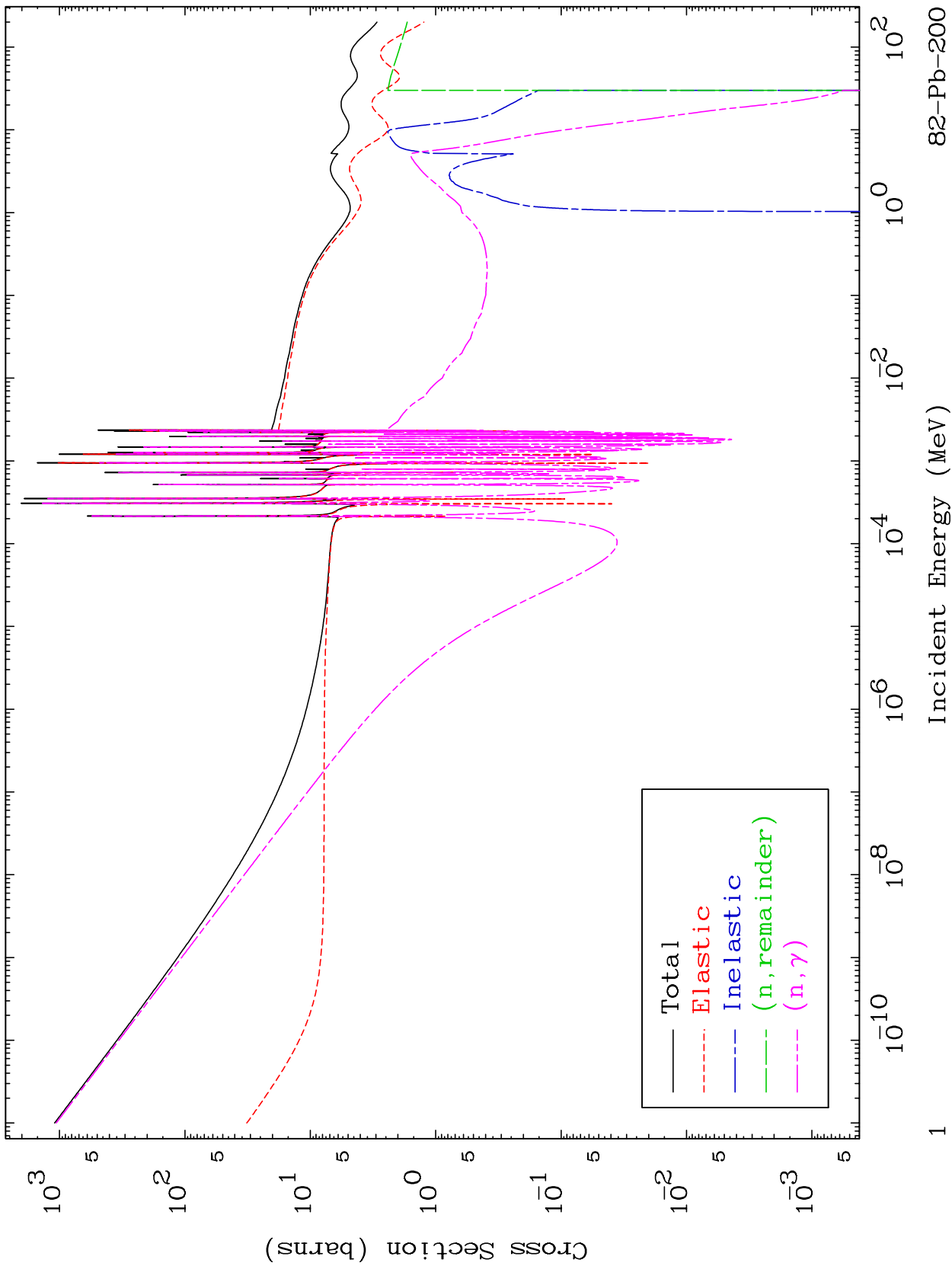
Press Mouse Button to Start

MAT 8213

Major

82-Pb-200

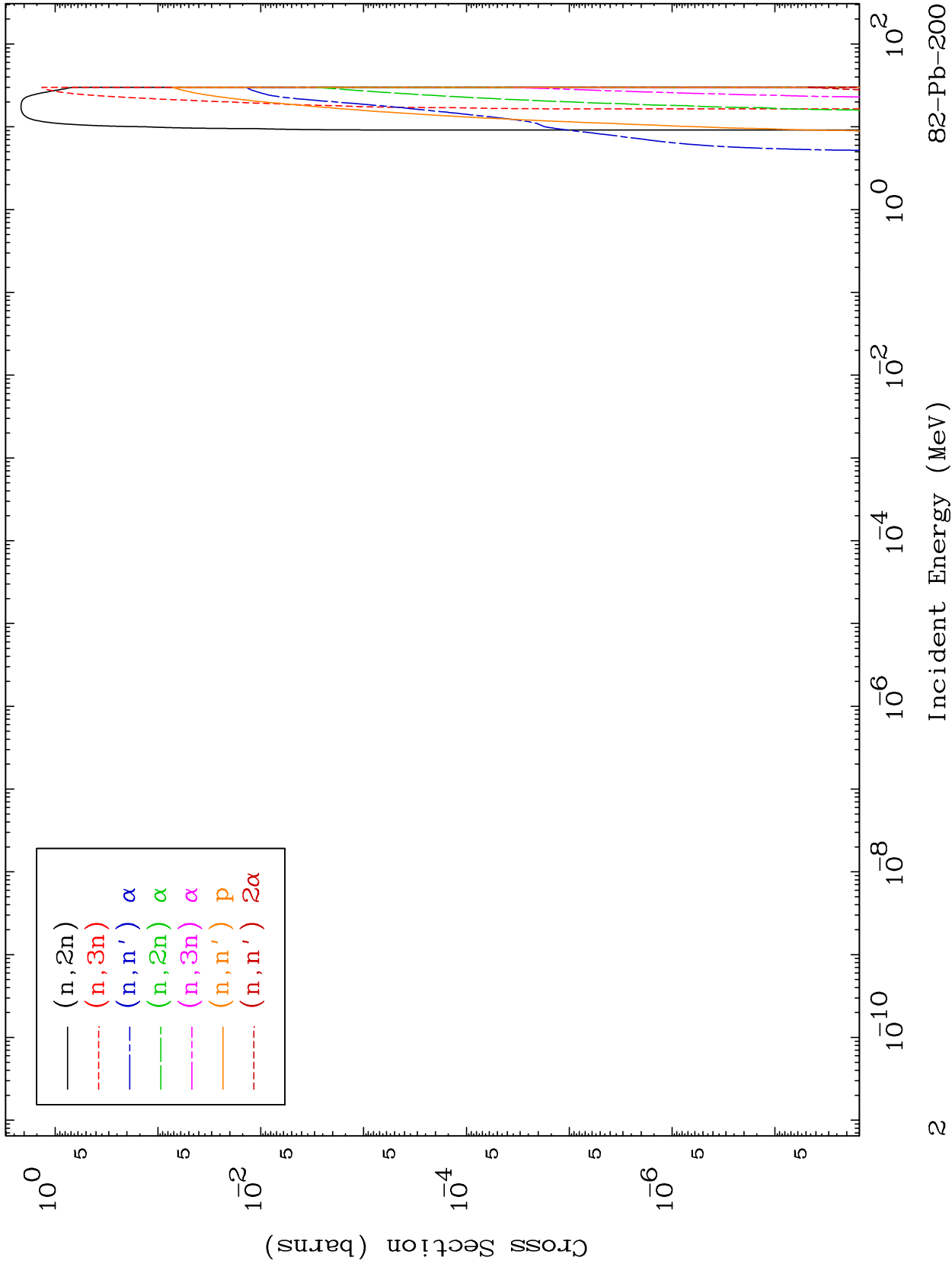
293 Kelvin Cross Sections

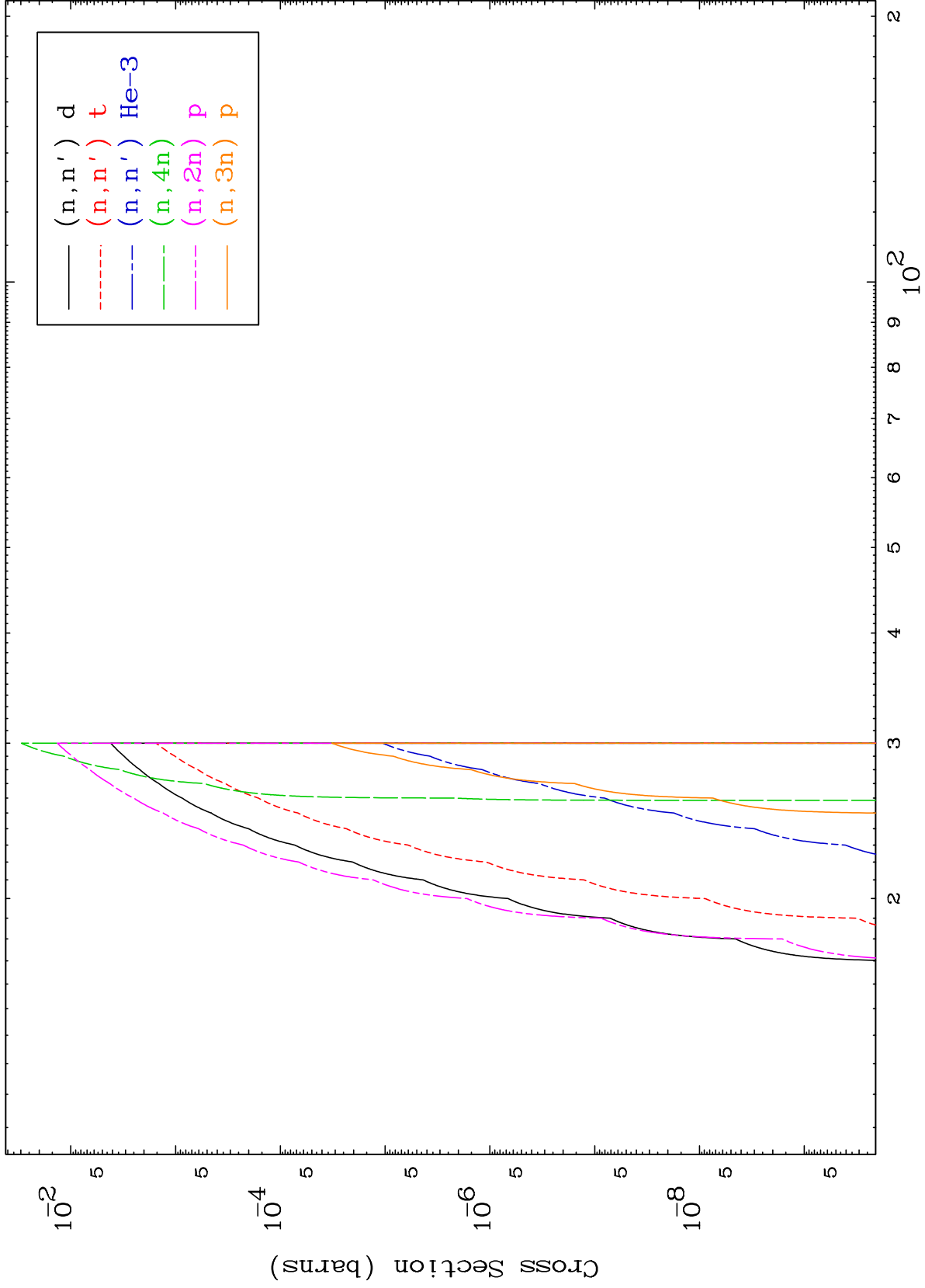


MAT 8213

Neutron Production
293 Kelvin Cross Sections

82-Pb-200

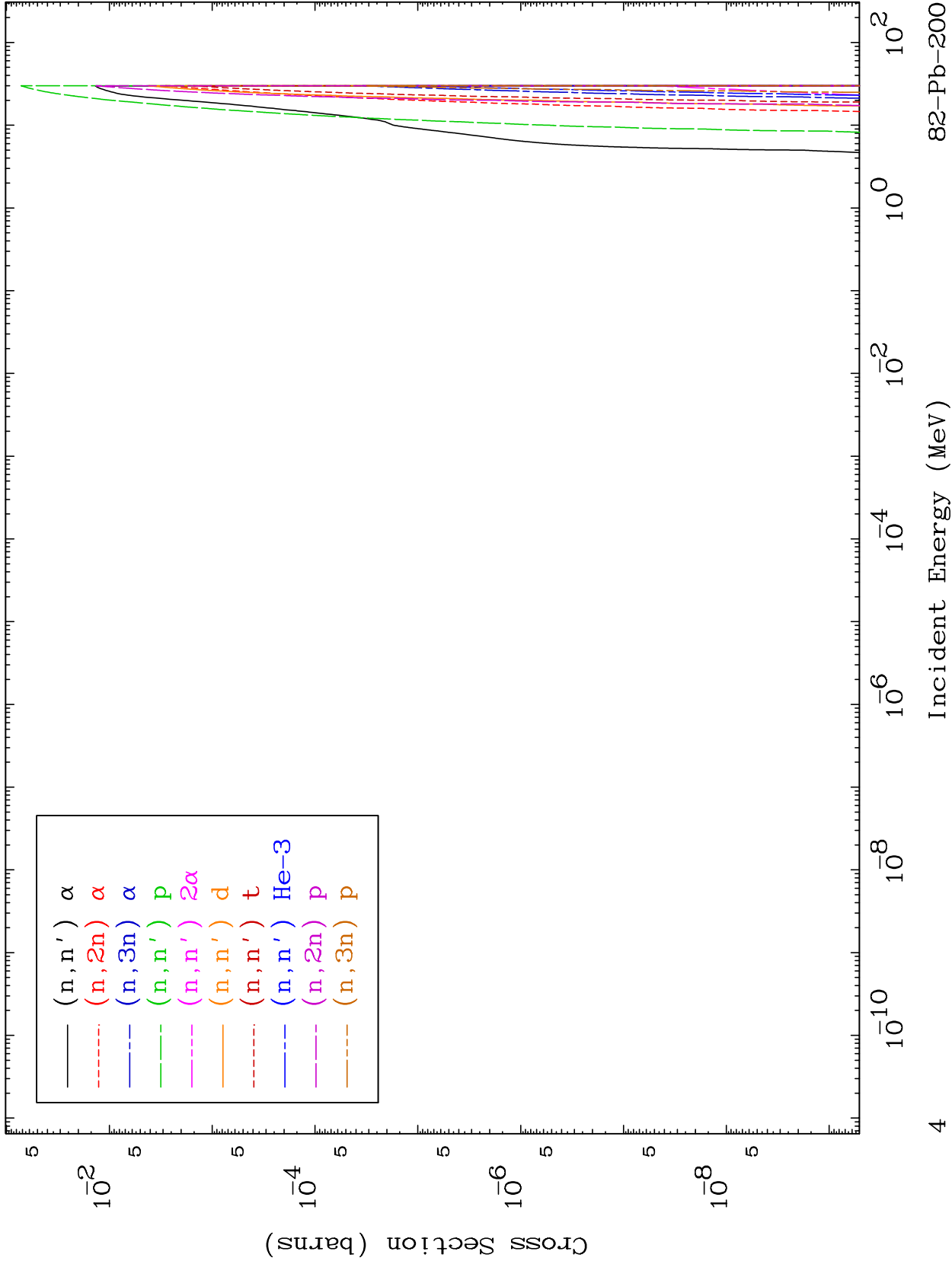




MAT 8213

Charged Particle
293 Kelvin Cross Sections

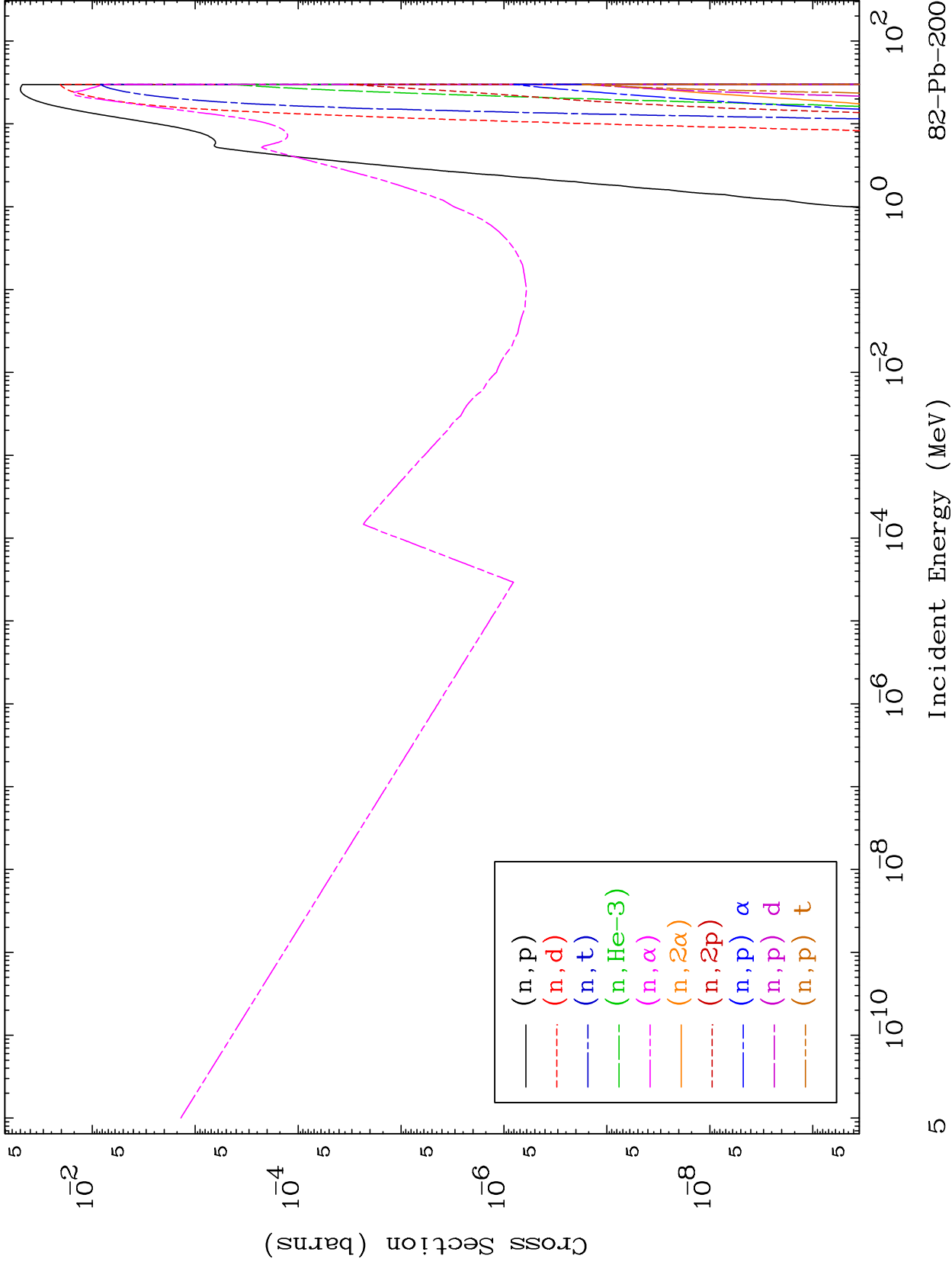
82-Pb-200



MAT 8213

Charged Particle
293 Kelvin Cross Sections

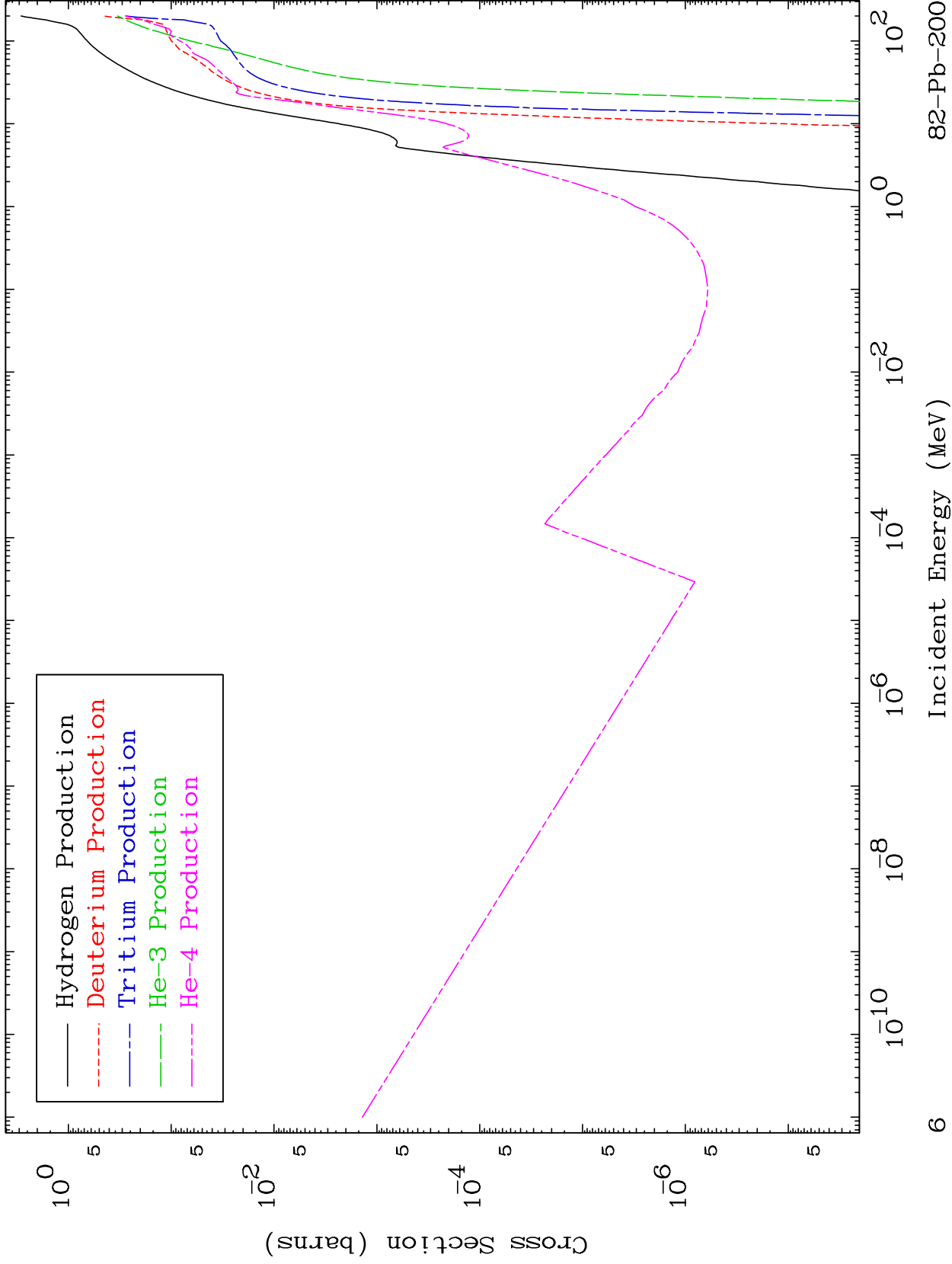
82-Pb-200



MAT 8213

Particle Production
293 Kelvin Cross Sections

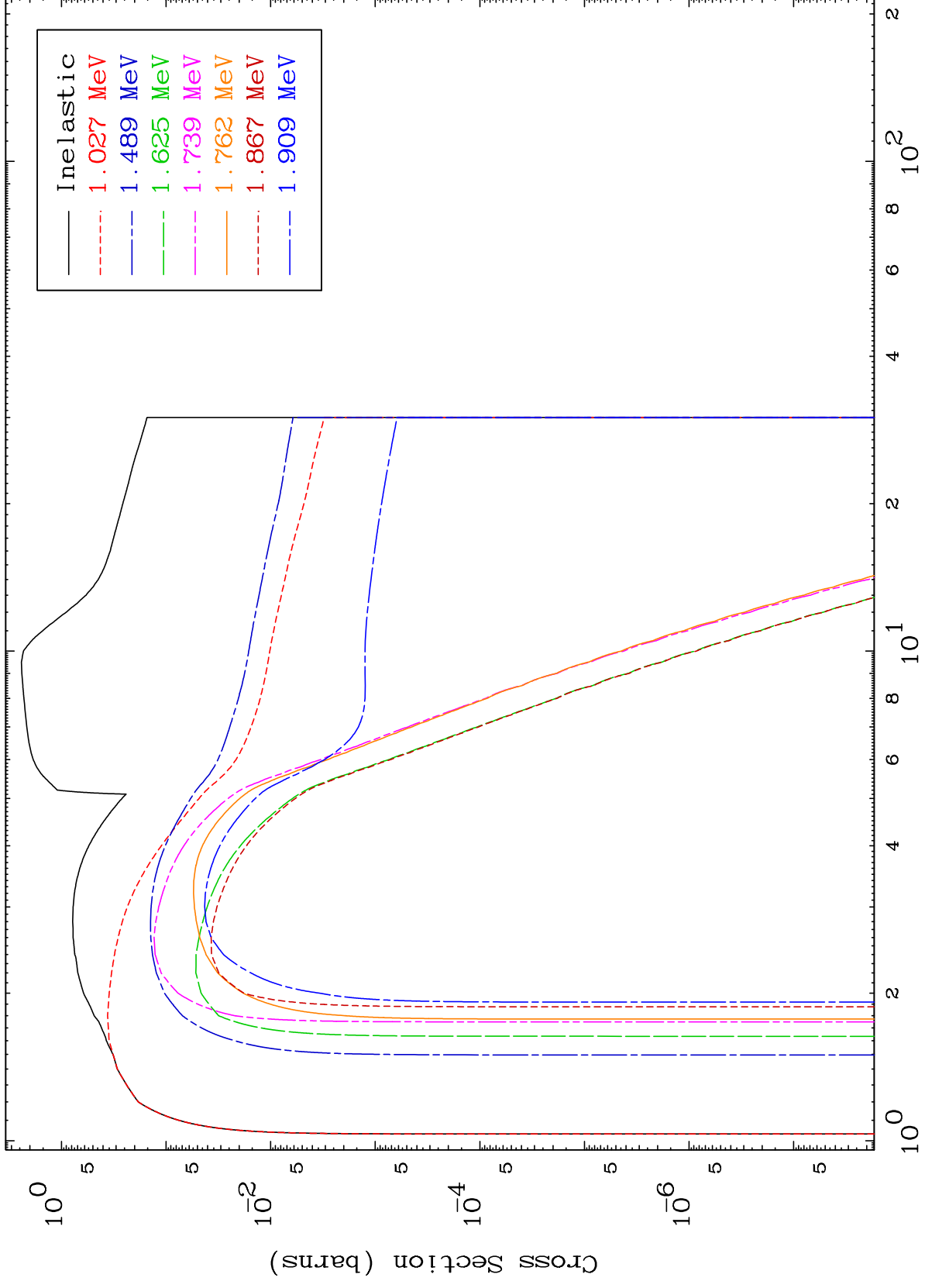
82-Pb-200



MAT 8213

(n,n') Level
293 Kelvin Cross Sections

82-Pb-200



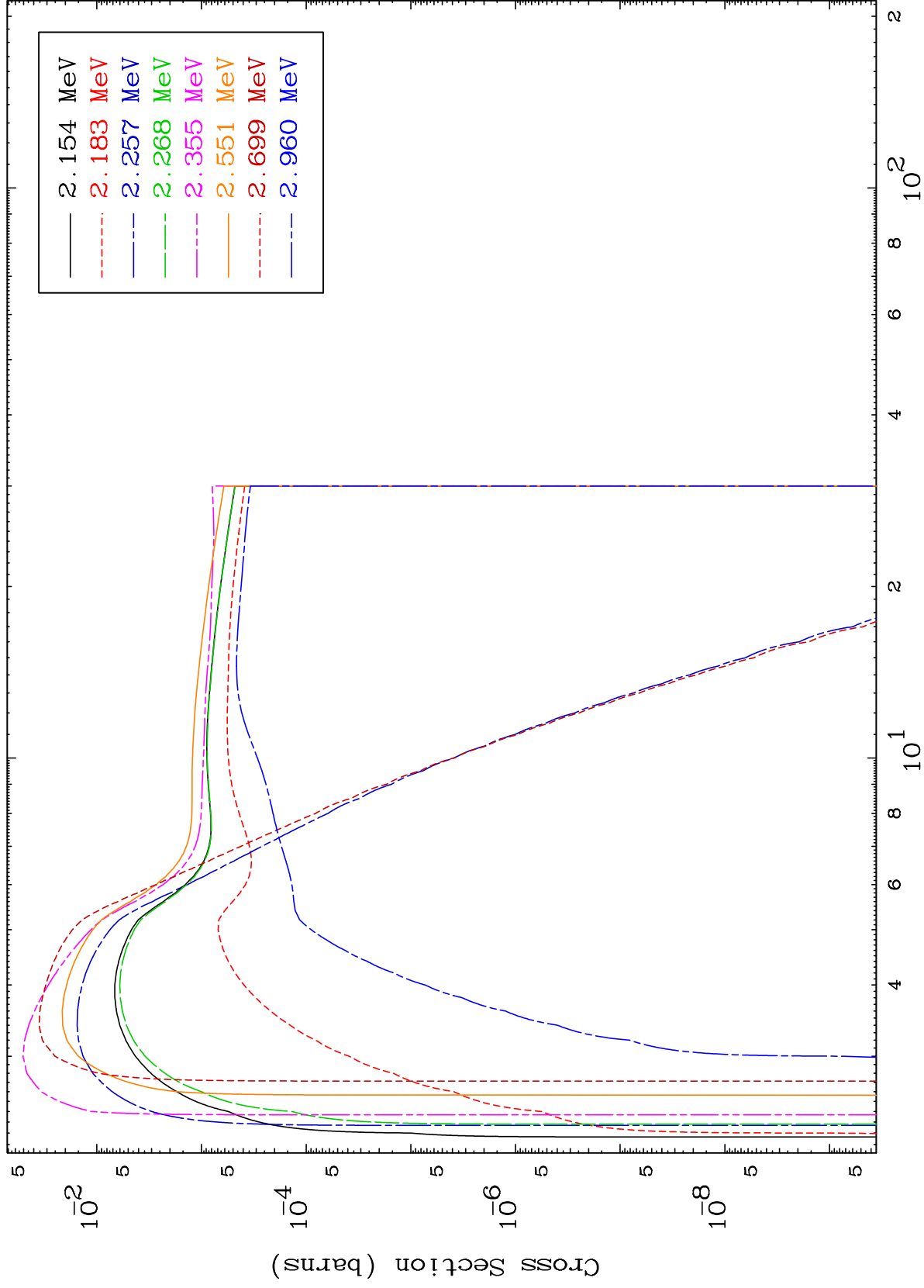
Incident Energy (MeV)

82-Pb-200

MAT 8213

(n,n') Level
293 Kelvin Cross Sections

82-Pb-200



8

Incident Energy (MeV)

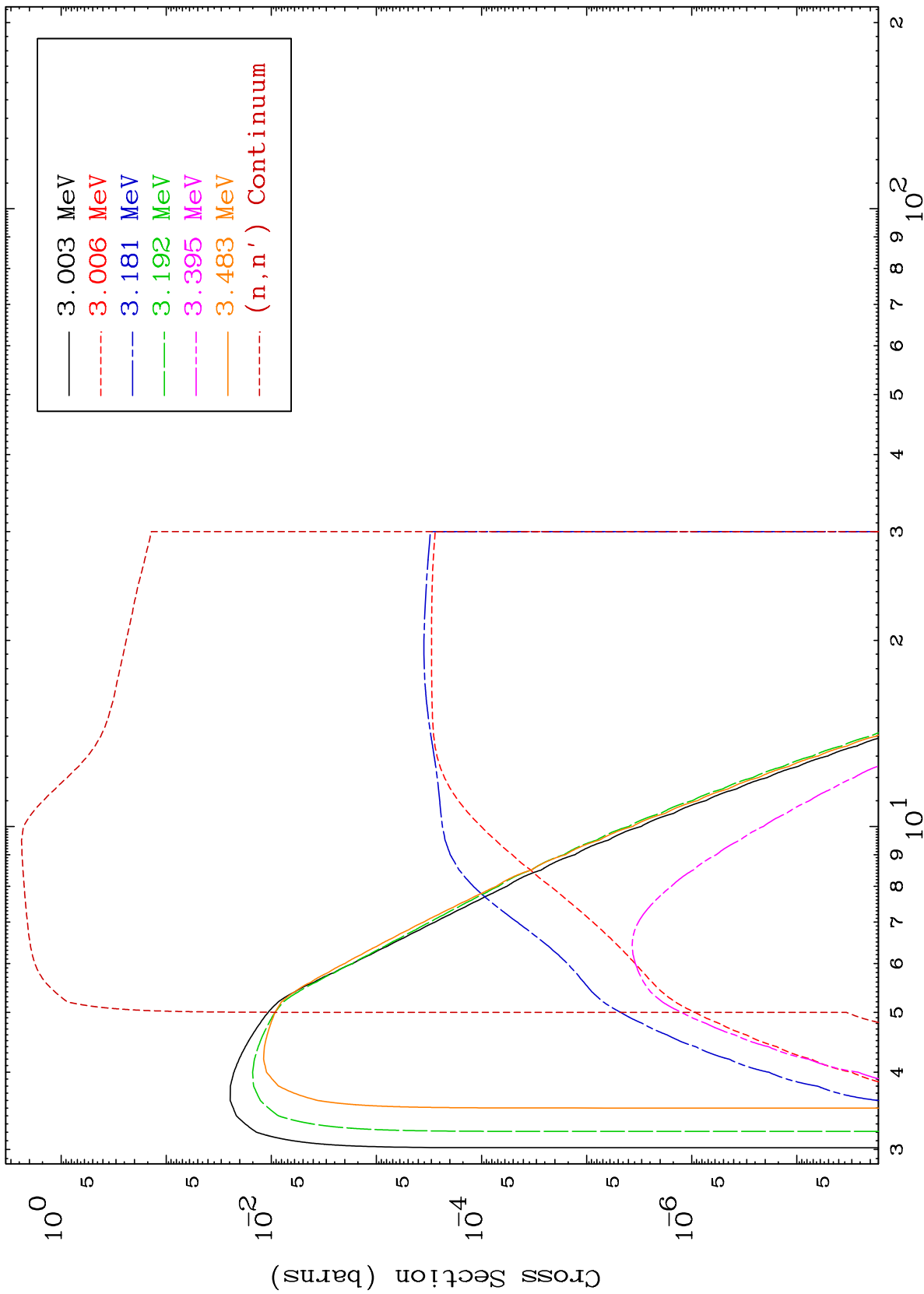
82-Pb-200

MAT 8213

(n,n') Level

82-Pb-200

293 Kelvin Cross Sections



9

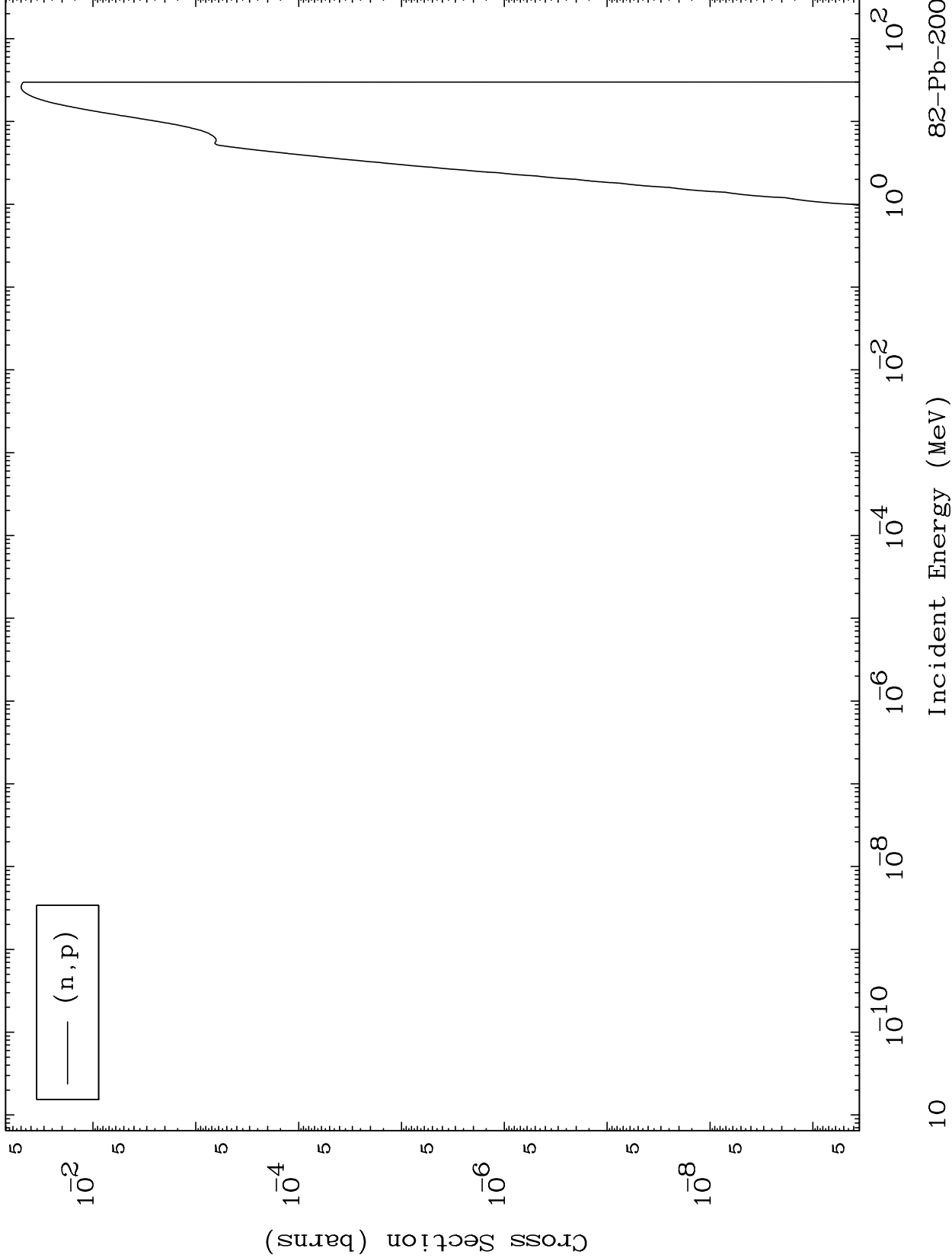
Incident Energy (MeV)

82-Pb-200

MAT 8213

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-200

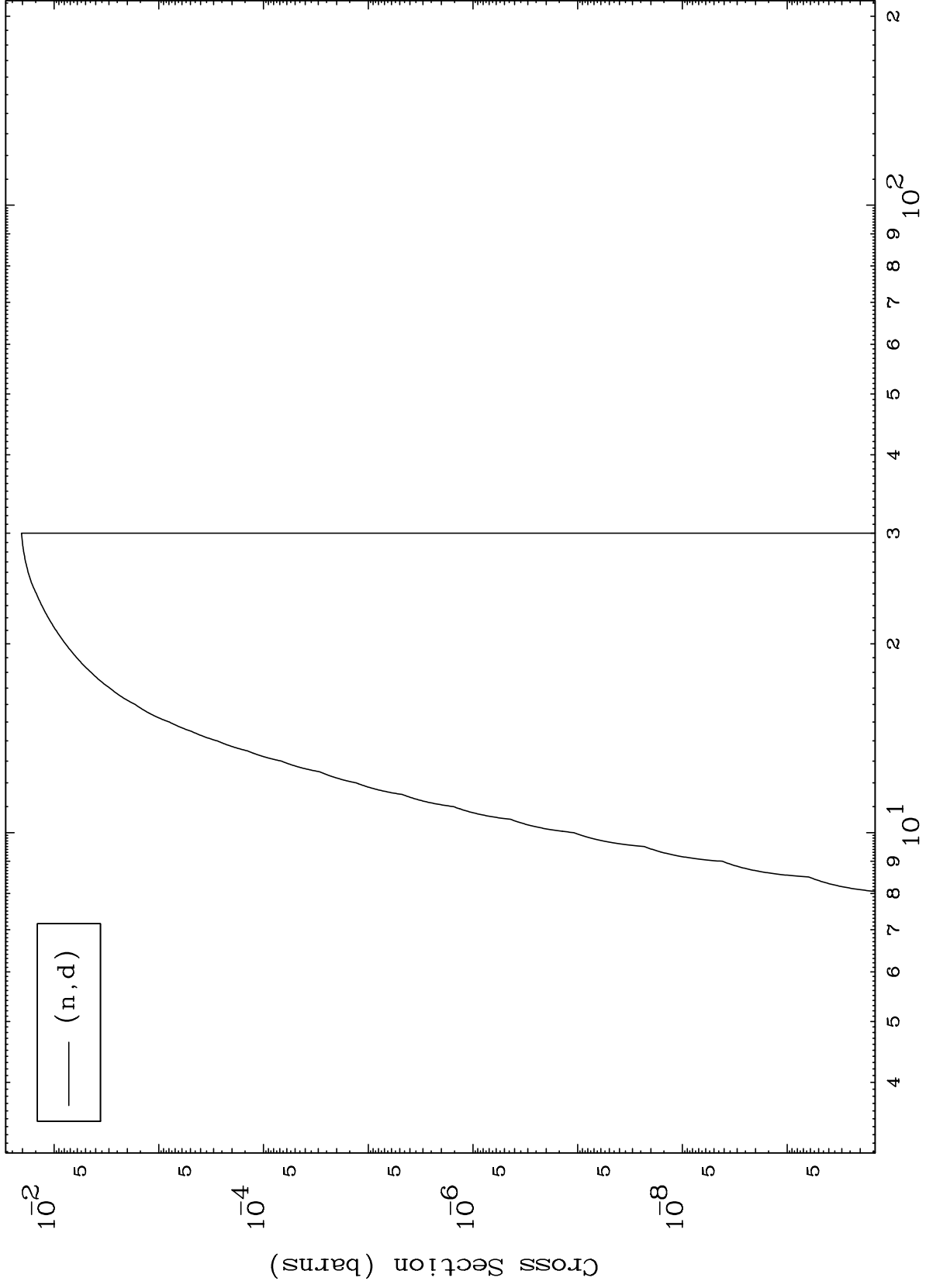


10

MAT 8213

(n,d) Levels
293 Kelvin Cross Sections

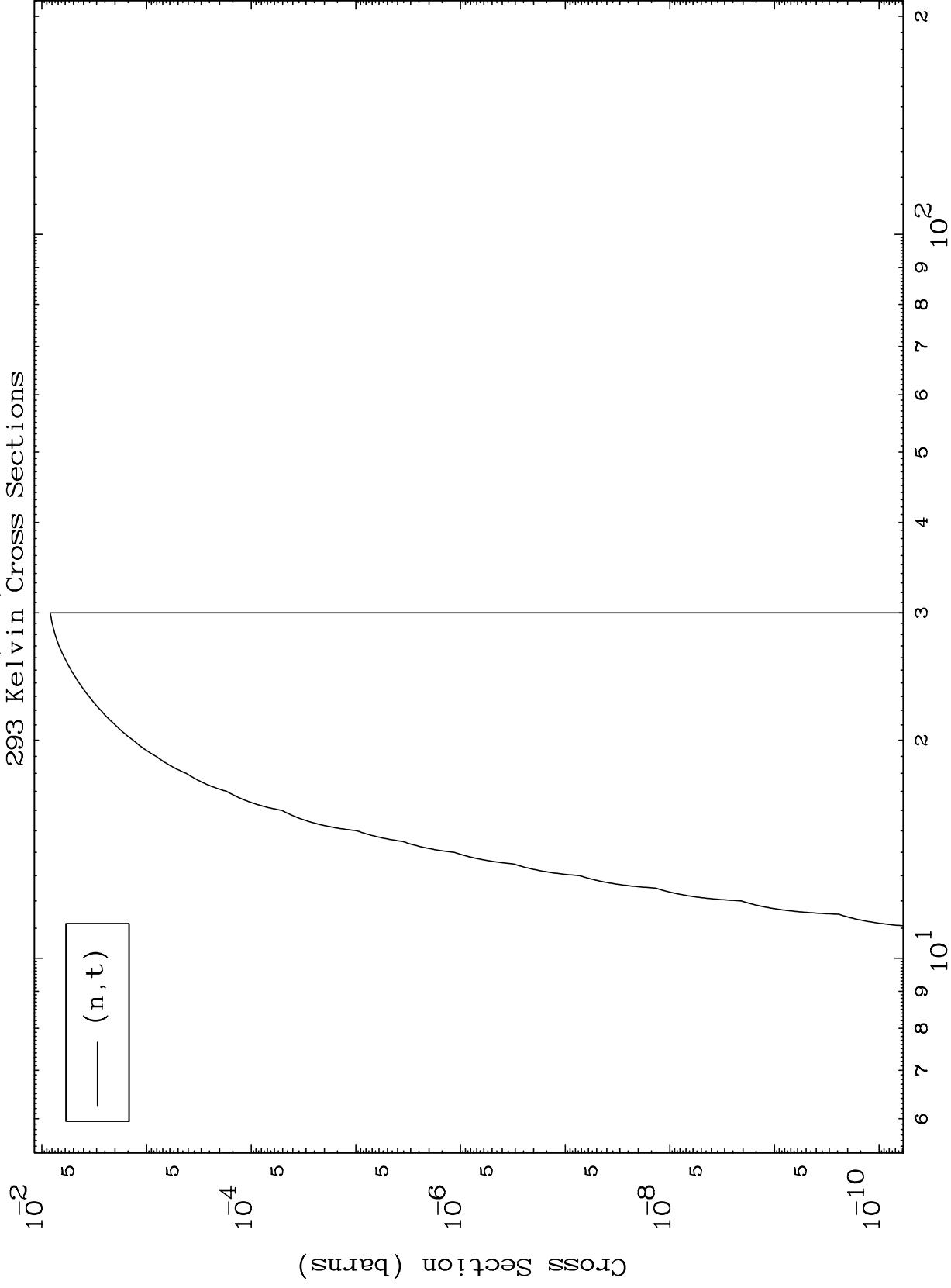
82-Pb-200



MAT 8213

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-200



12

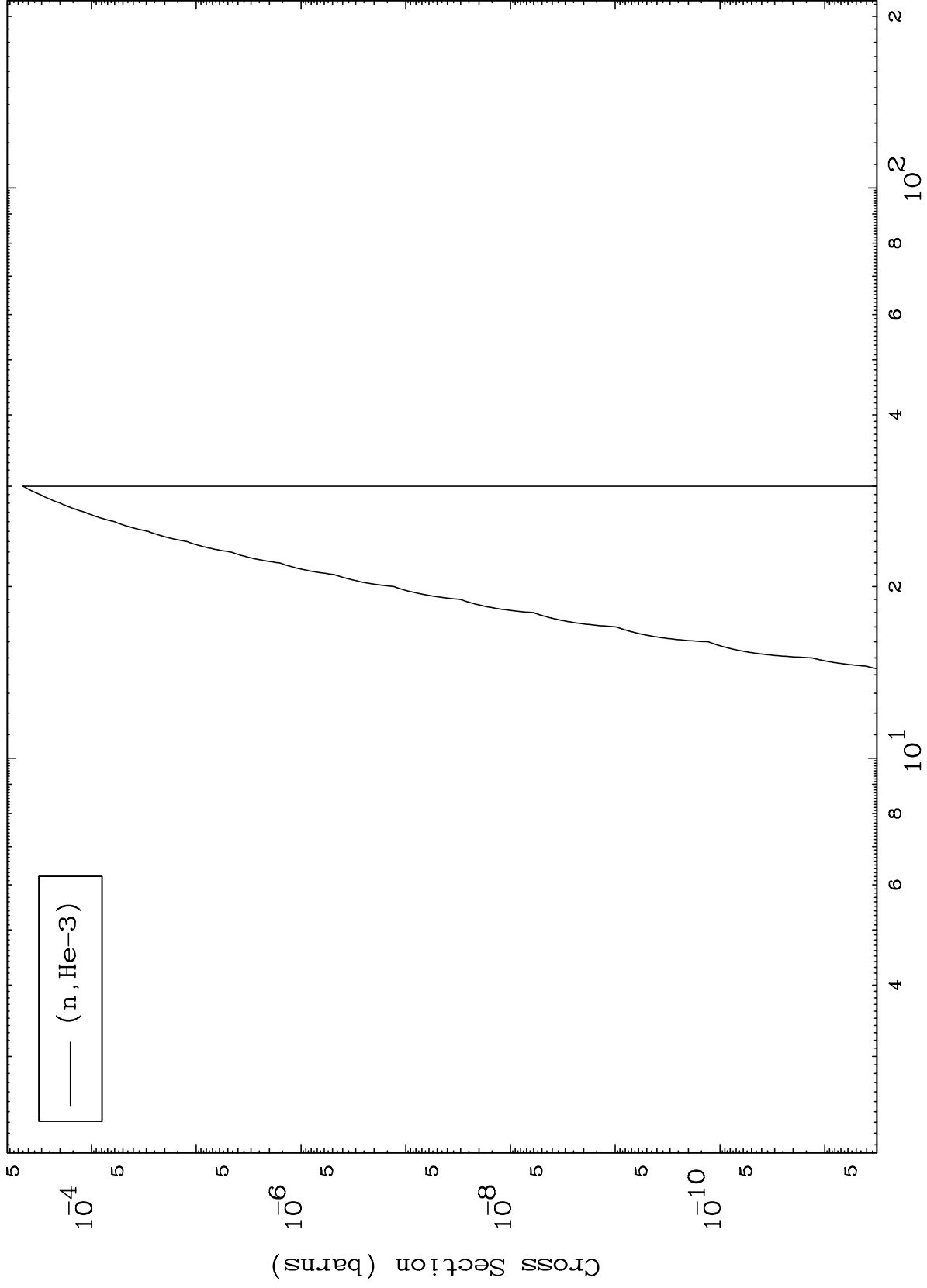
Incident Energy (MeV)

82-Pb-200

MAT 8213

(n,He3) Levels
293 Kelvin Cross Sections

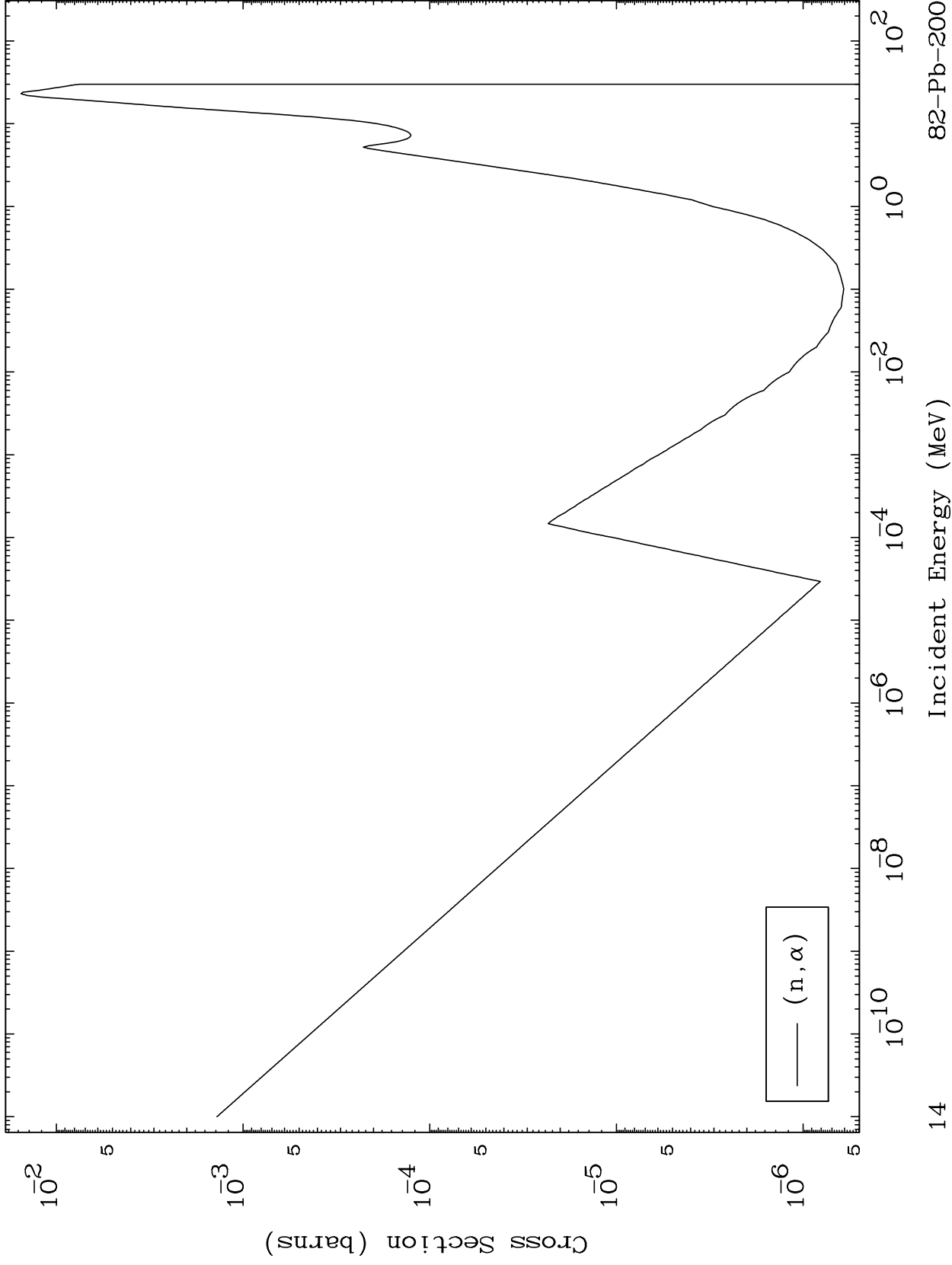
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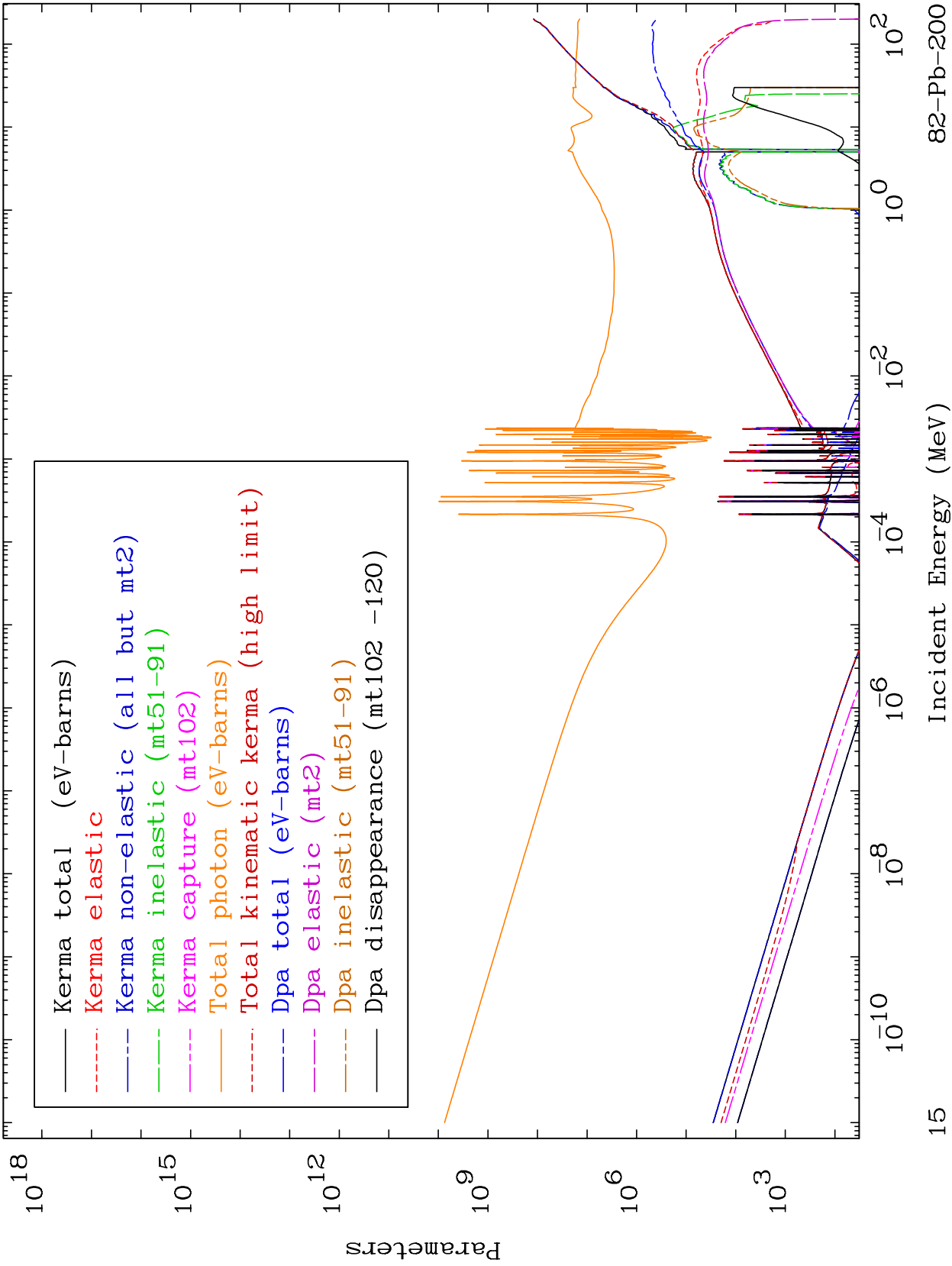


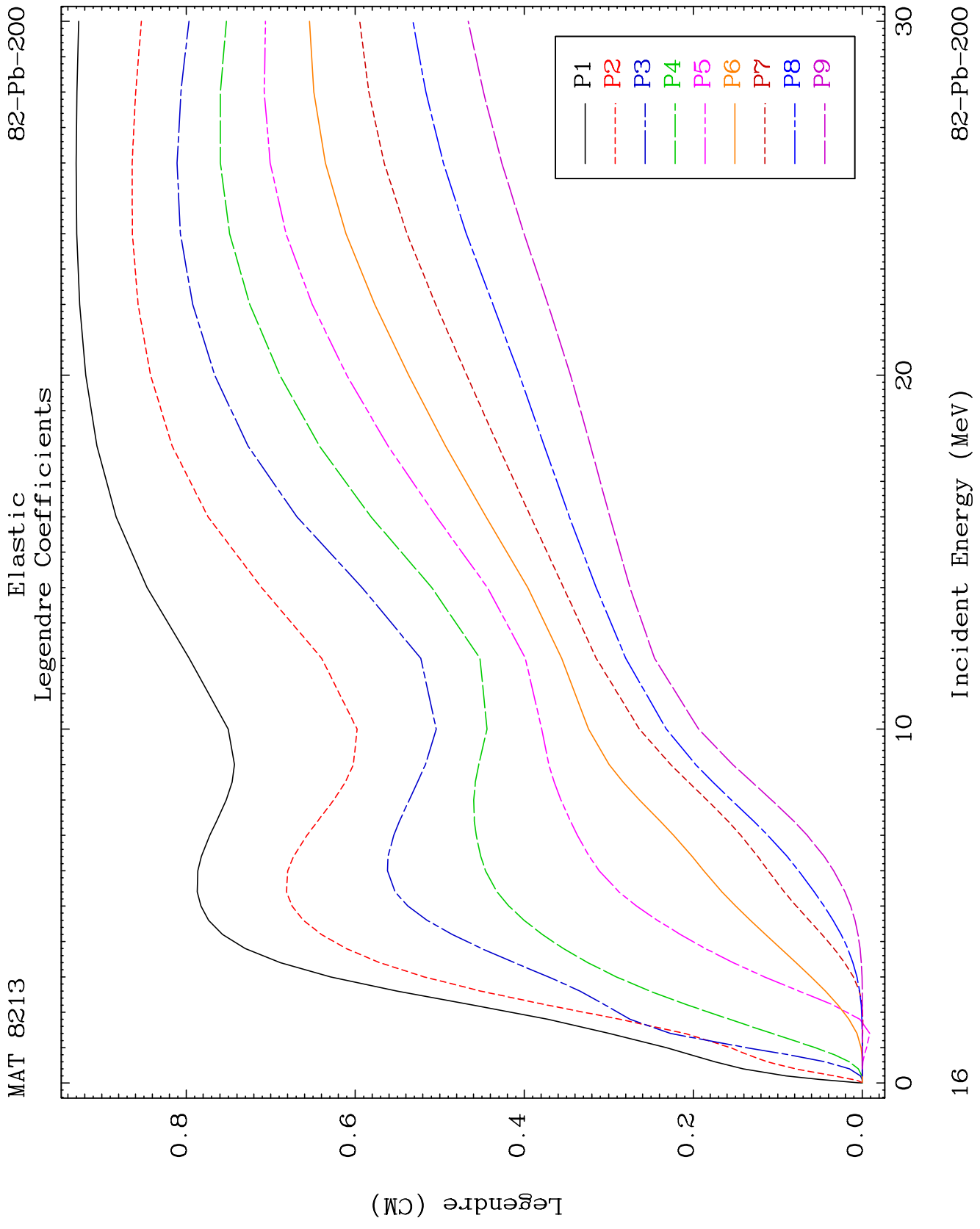
MAT 8213

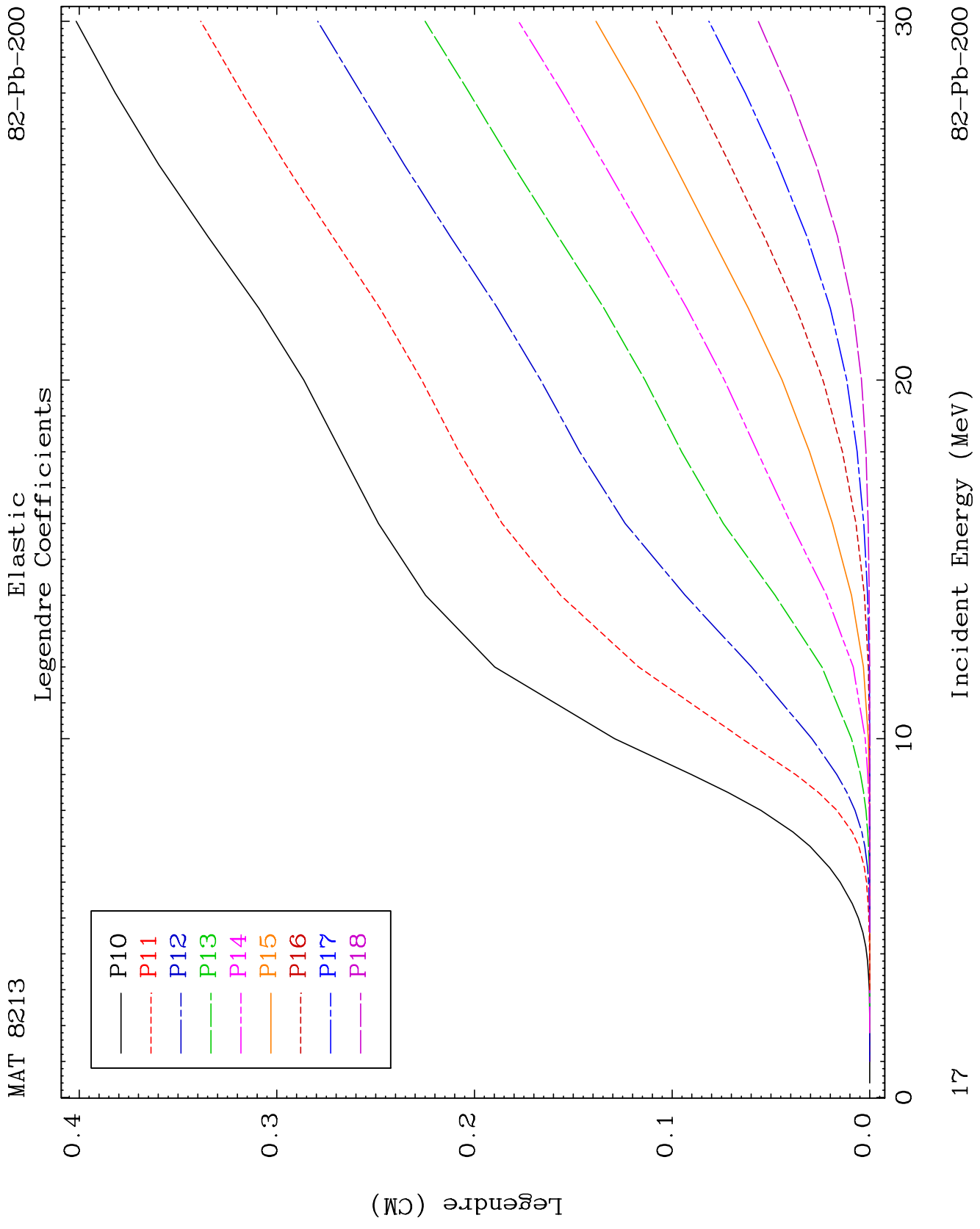
(n, α) Levels
293 Kelvin Cross Sections

82-Pb-200





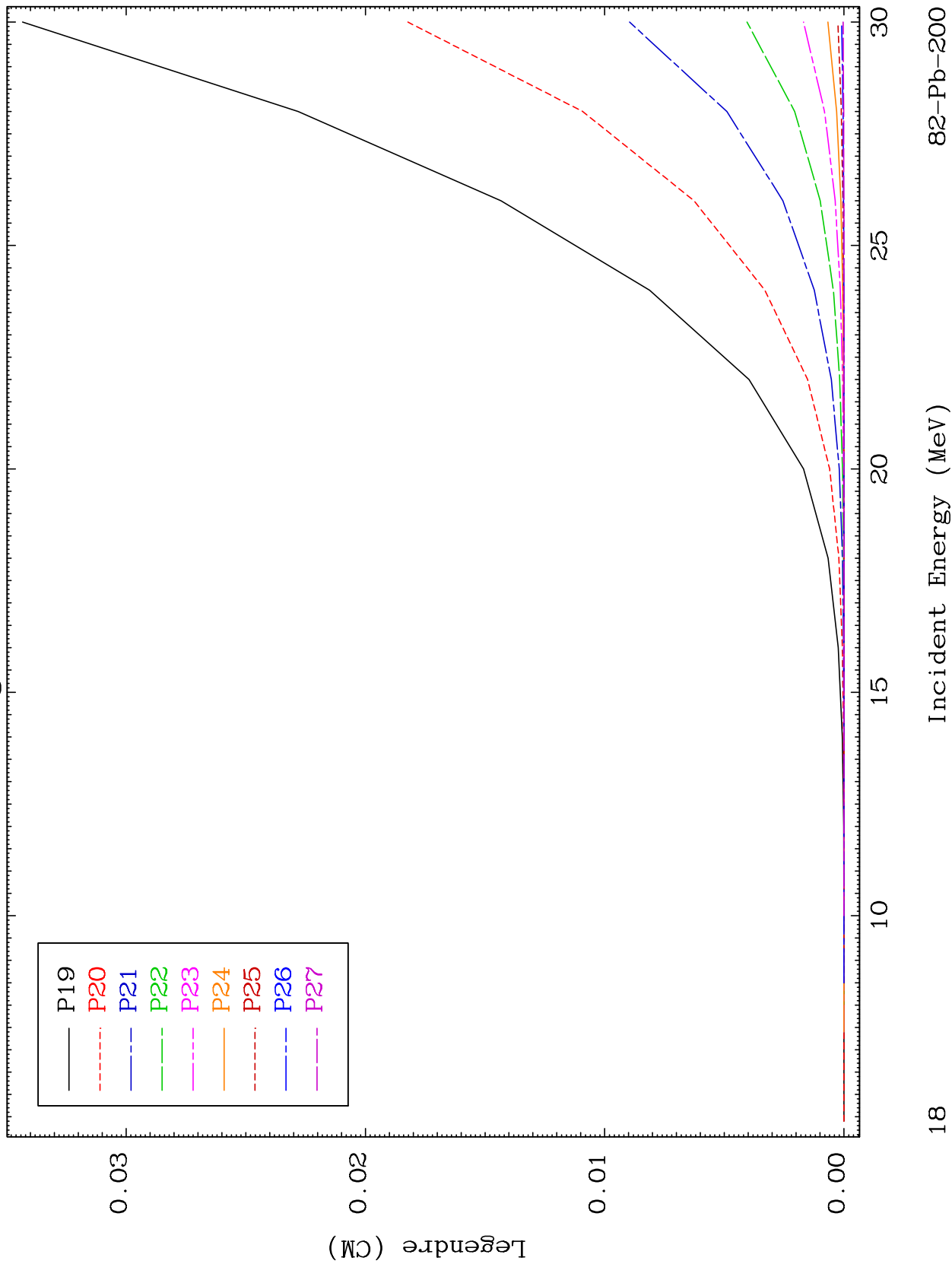




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Elastic
Legendre Coefficients

82-Pb-200



18

Incident Energy (MeV)

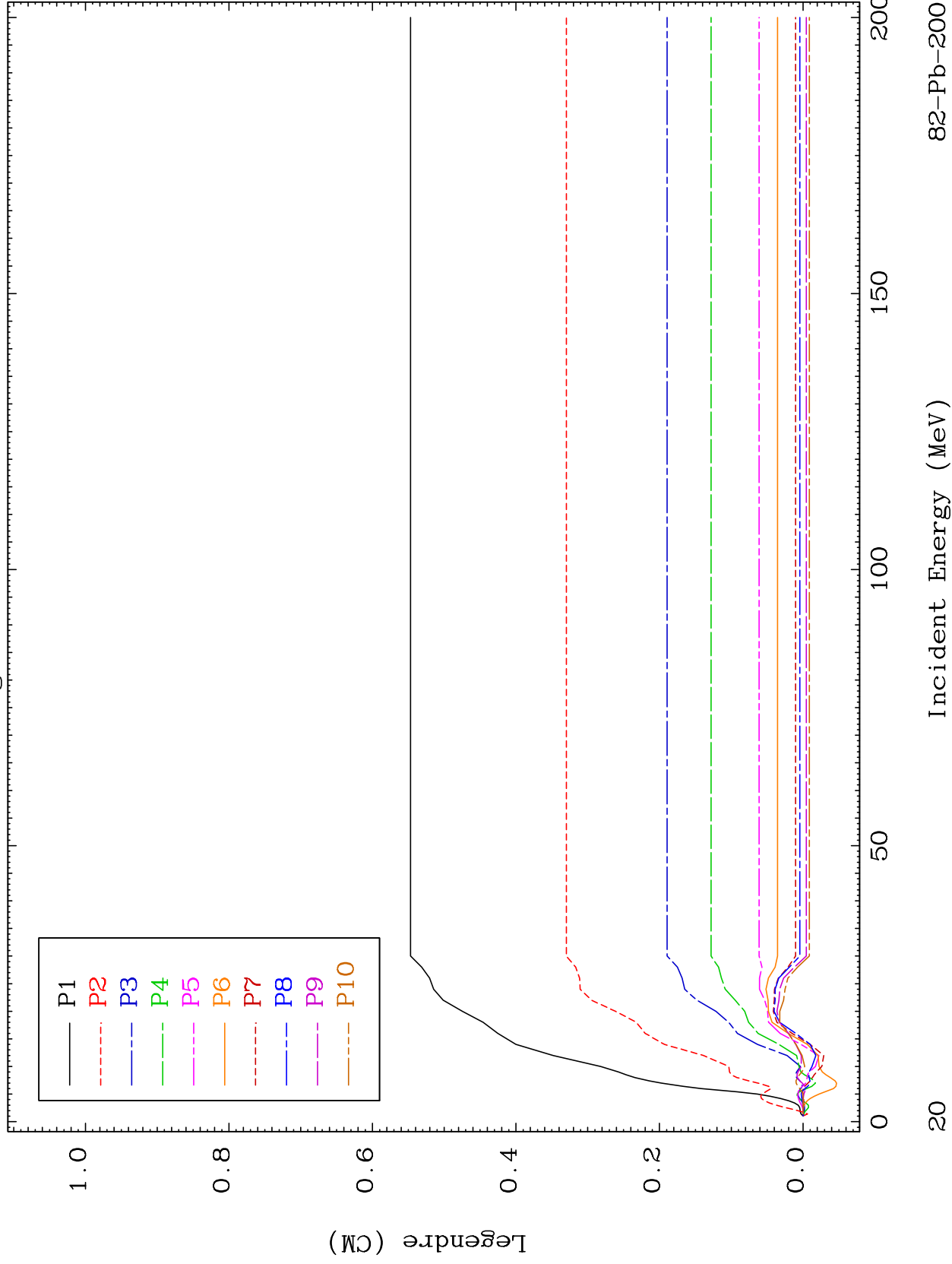
82-Pb-200

Legendre (CM)

MAT 8213

1.027 MeV (n,n') Level
Legendre Coefficients

82-Pb-200



82-Pb-200

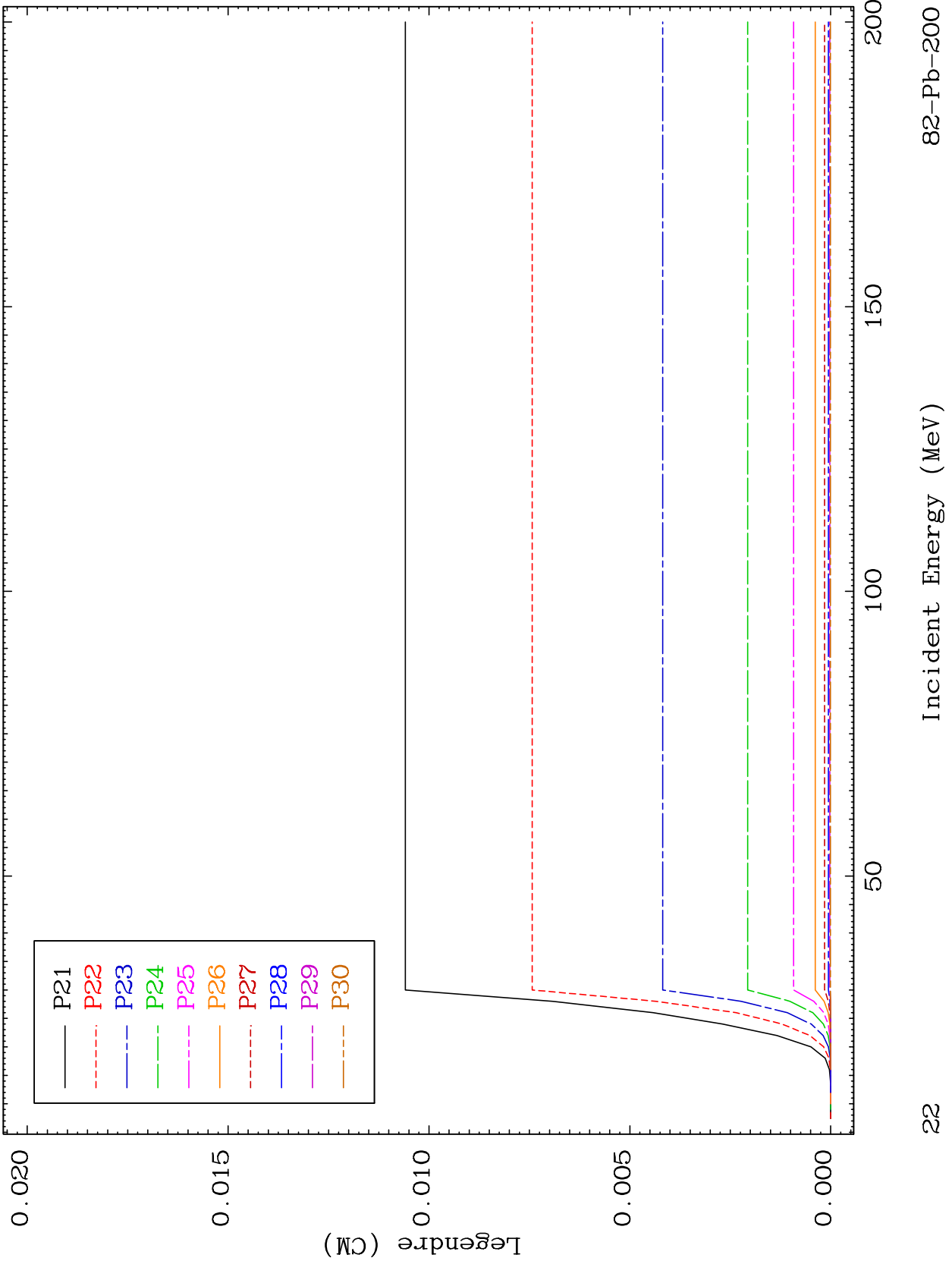
Incident Energy (MeV)

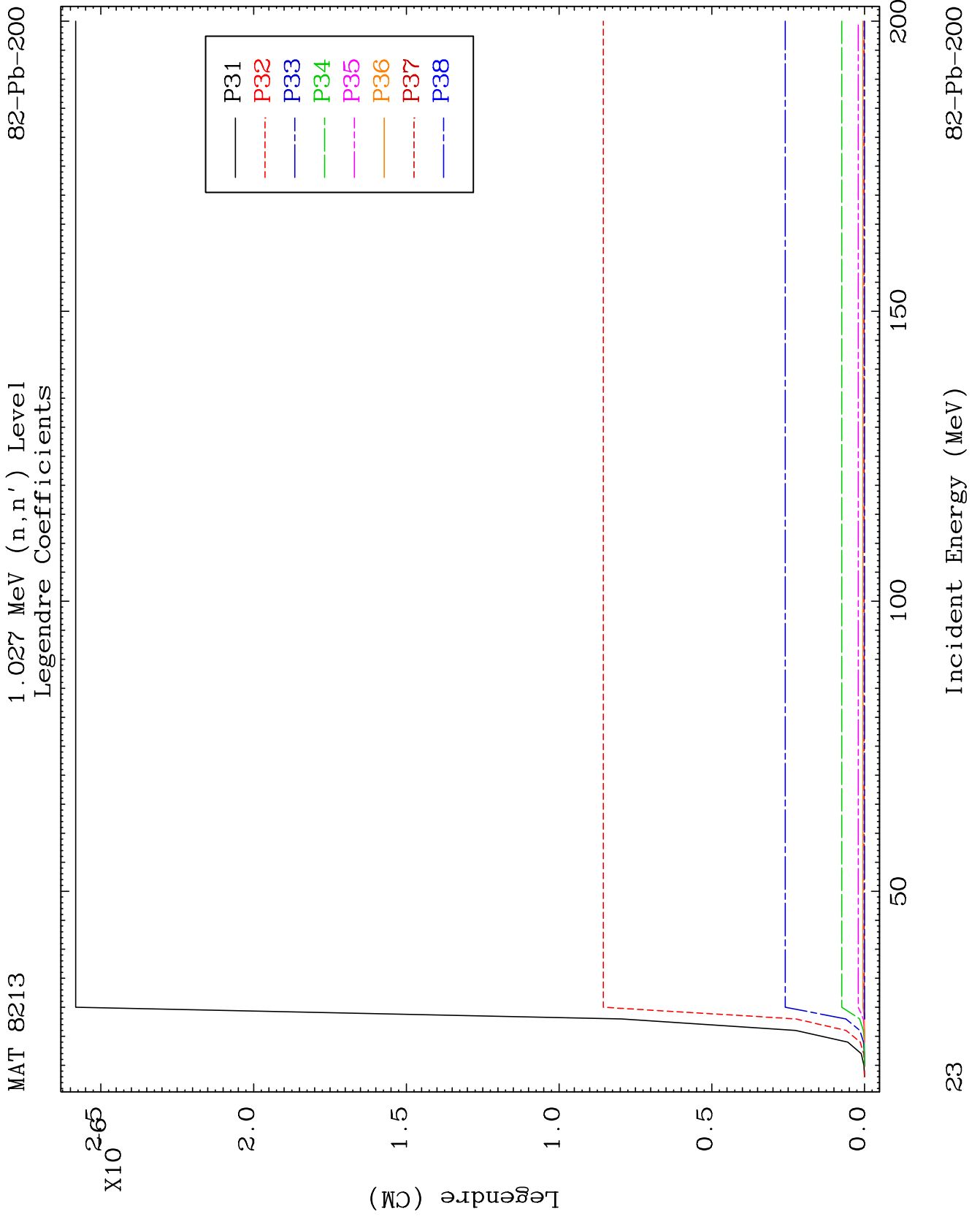
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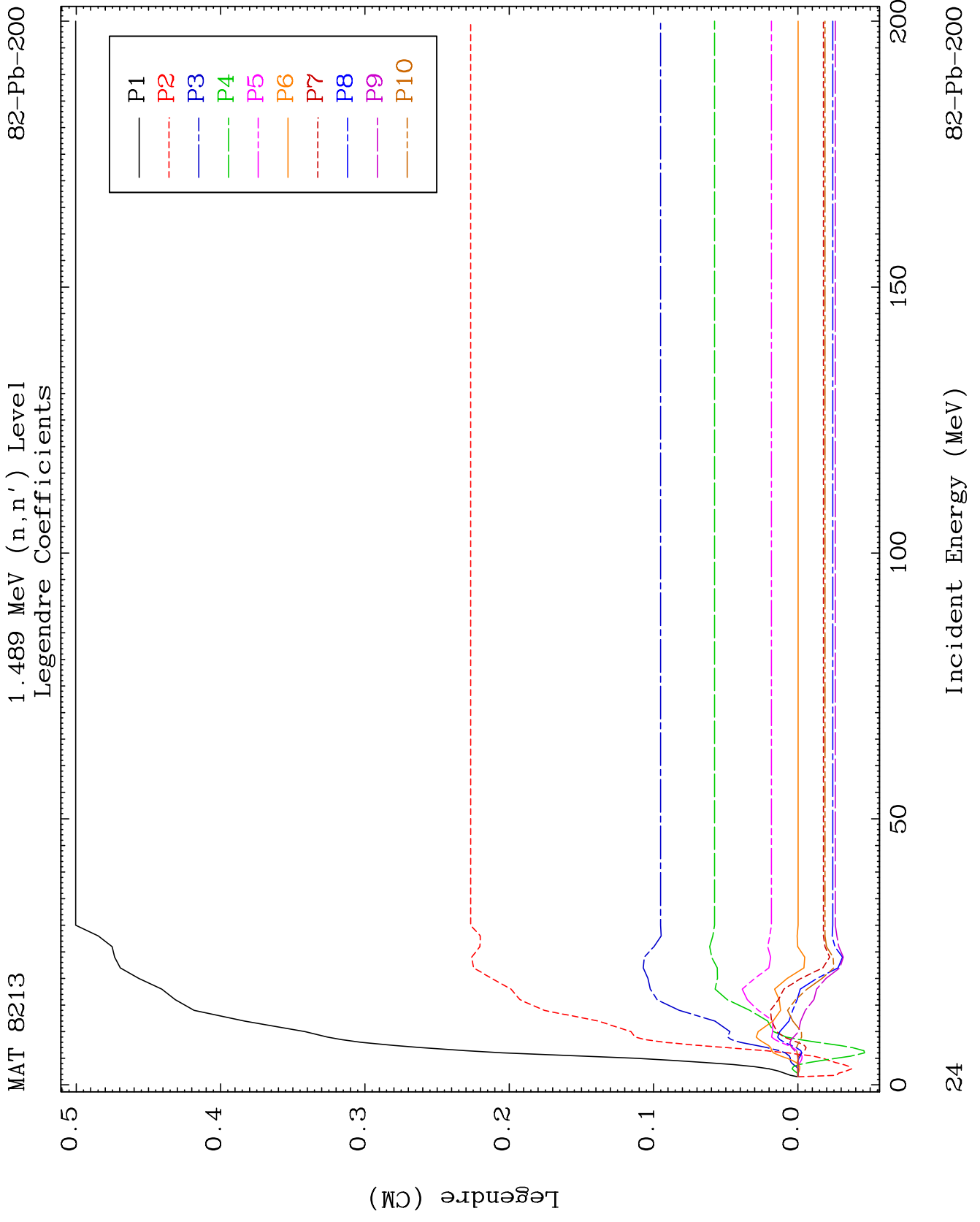
MAT 8213

1.027 MeV (n,n') Level
Legendre Coefficients

82-Pb-200



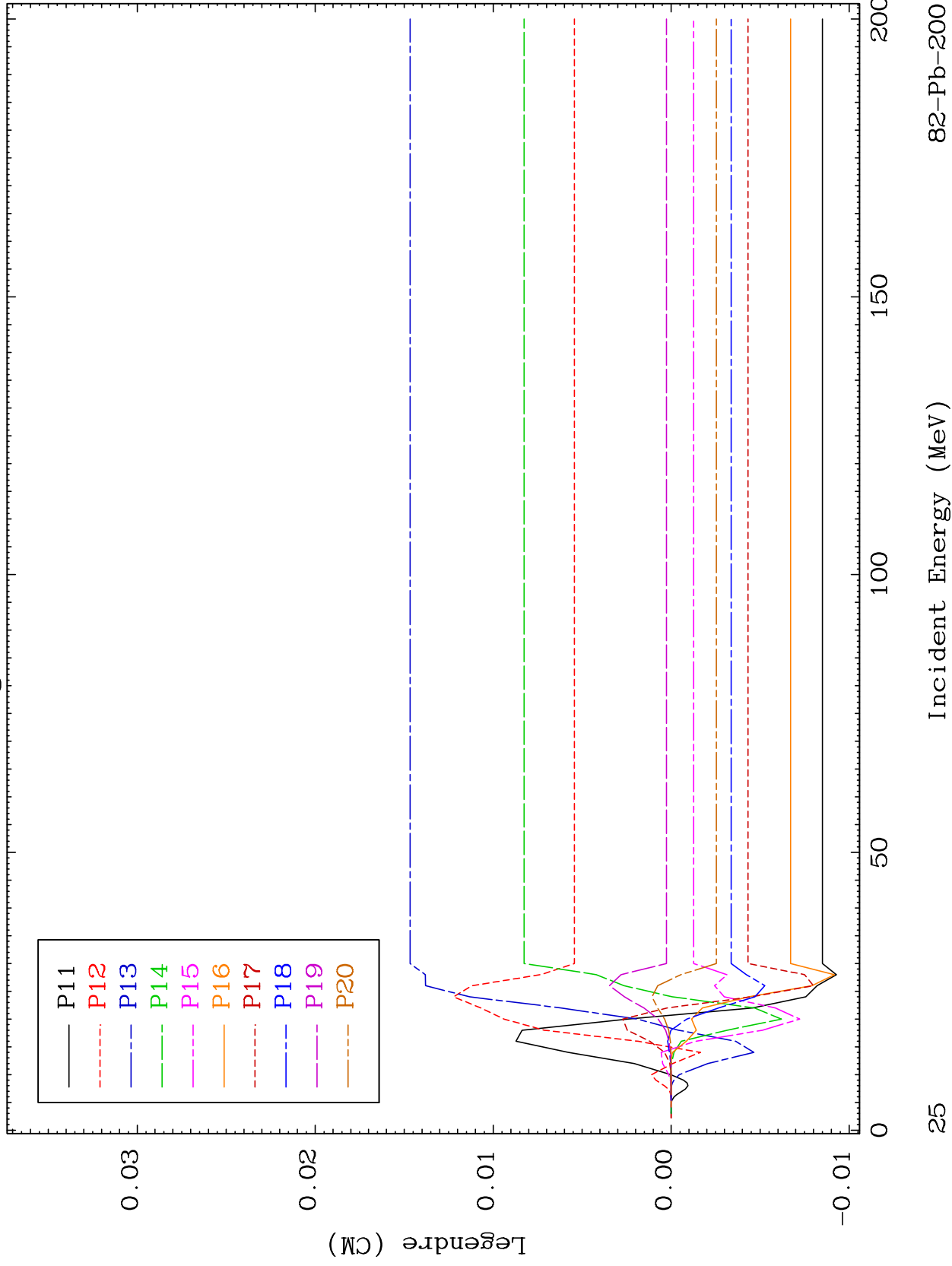




MAT 8213

1.489 MeV (n,n') Level
Legendre Coefficients

82-Pb-200



82-Pb-200

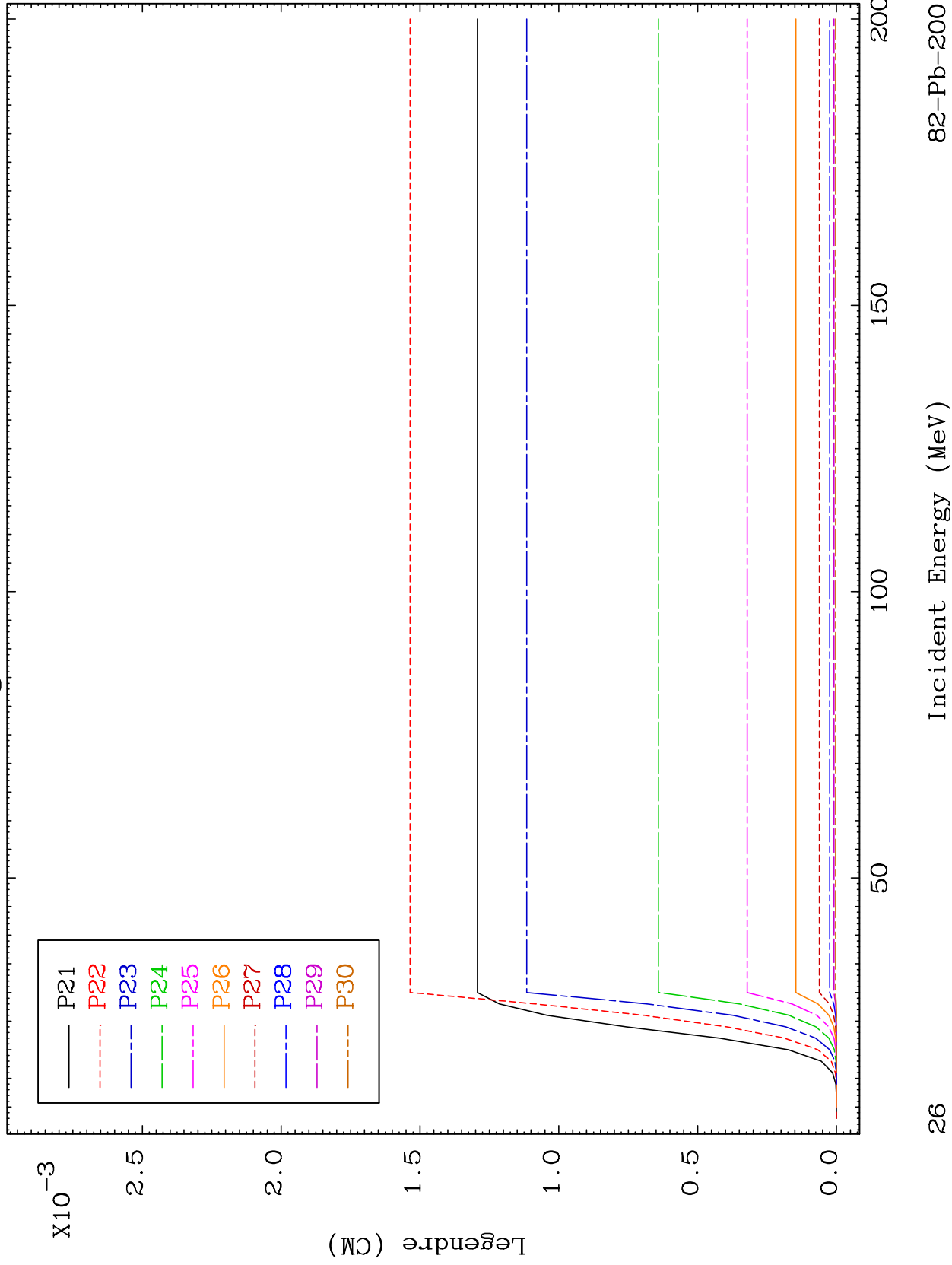
Incident Energy (MeV)

25

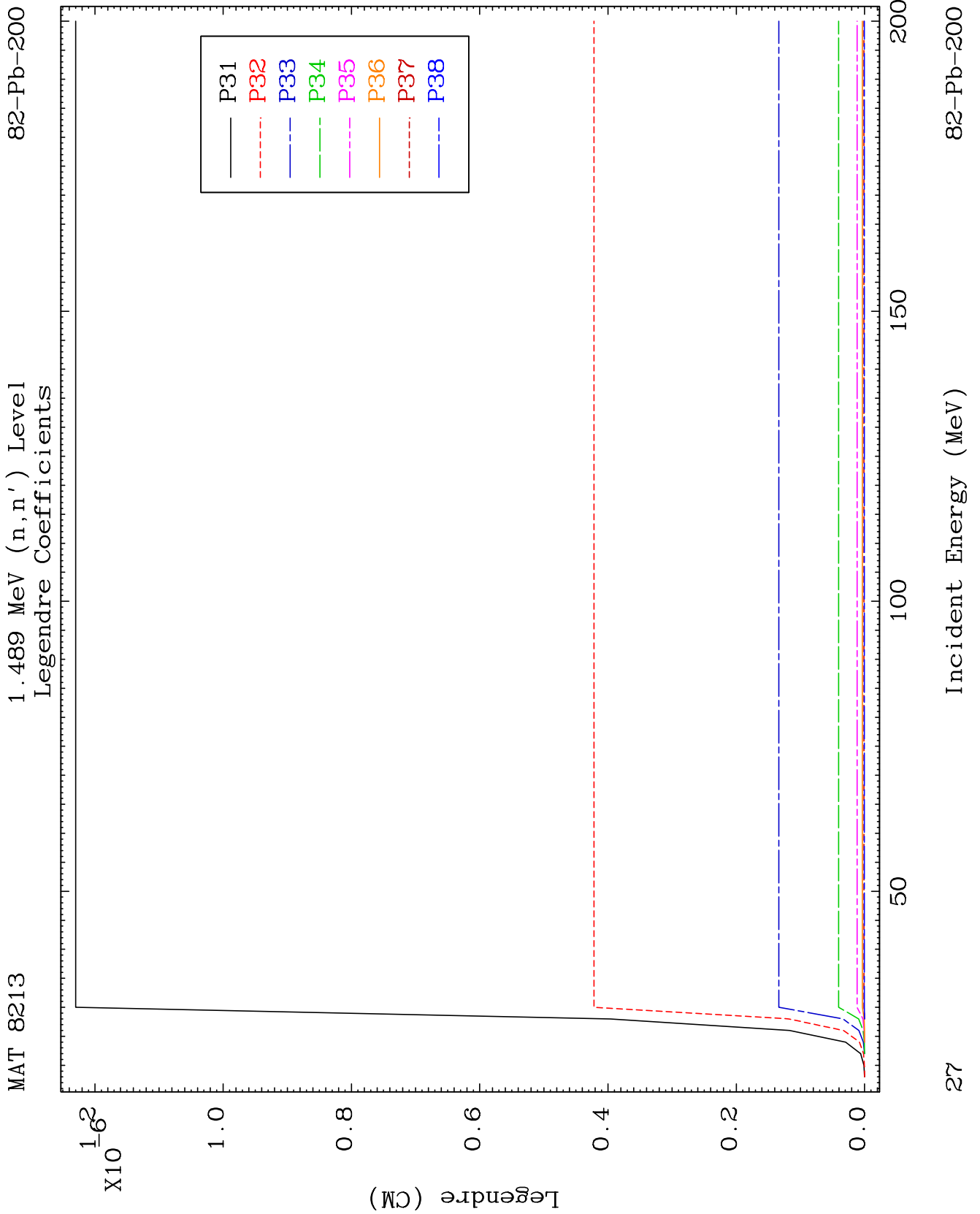
MAT 8213

1.489 MeV (n,n') Level
Legendre Coefficients

82-Pb-200



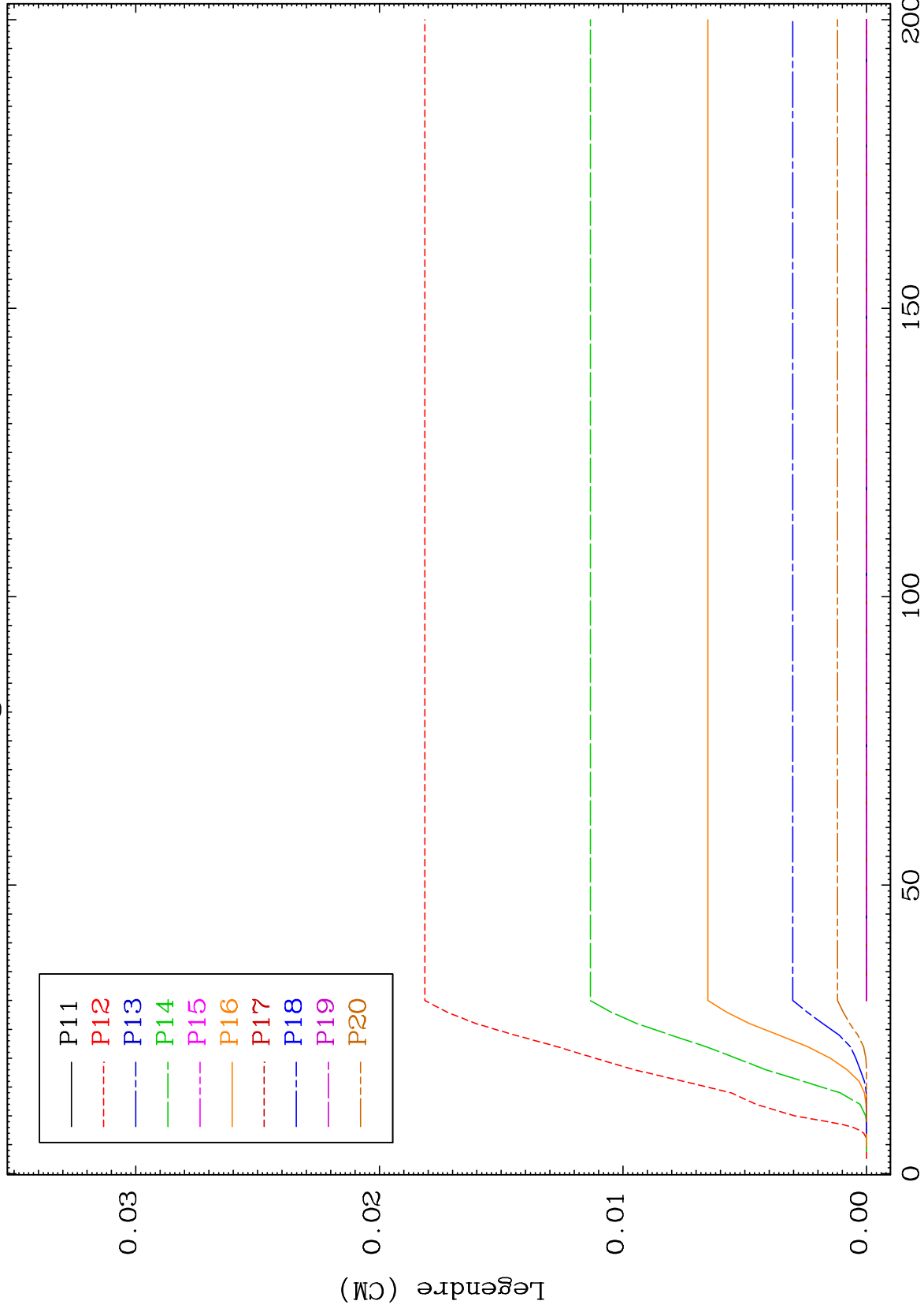
26



MAT 8213

1.625 MeV (n,n') Level
Legendre Coefficients

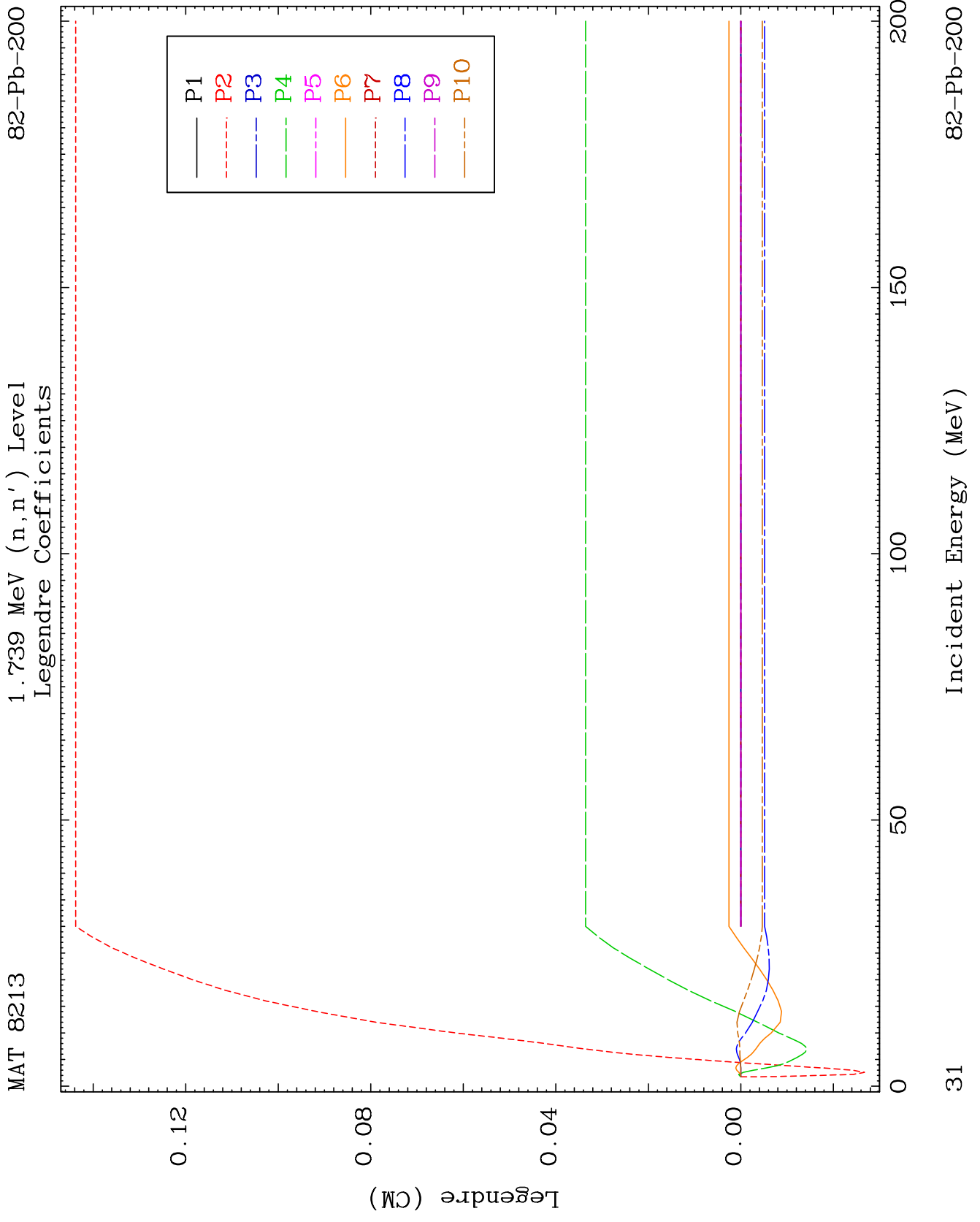
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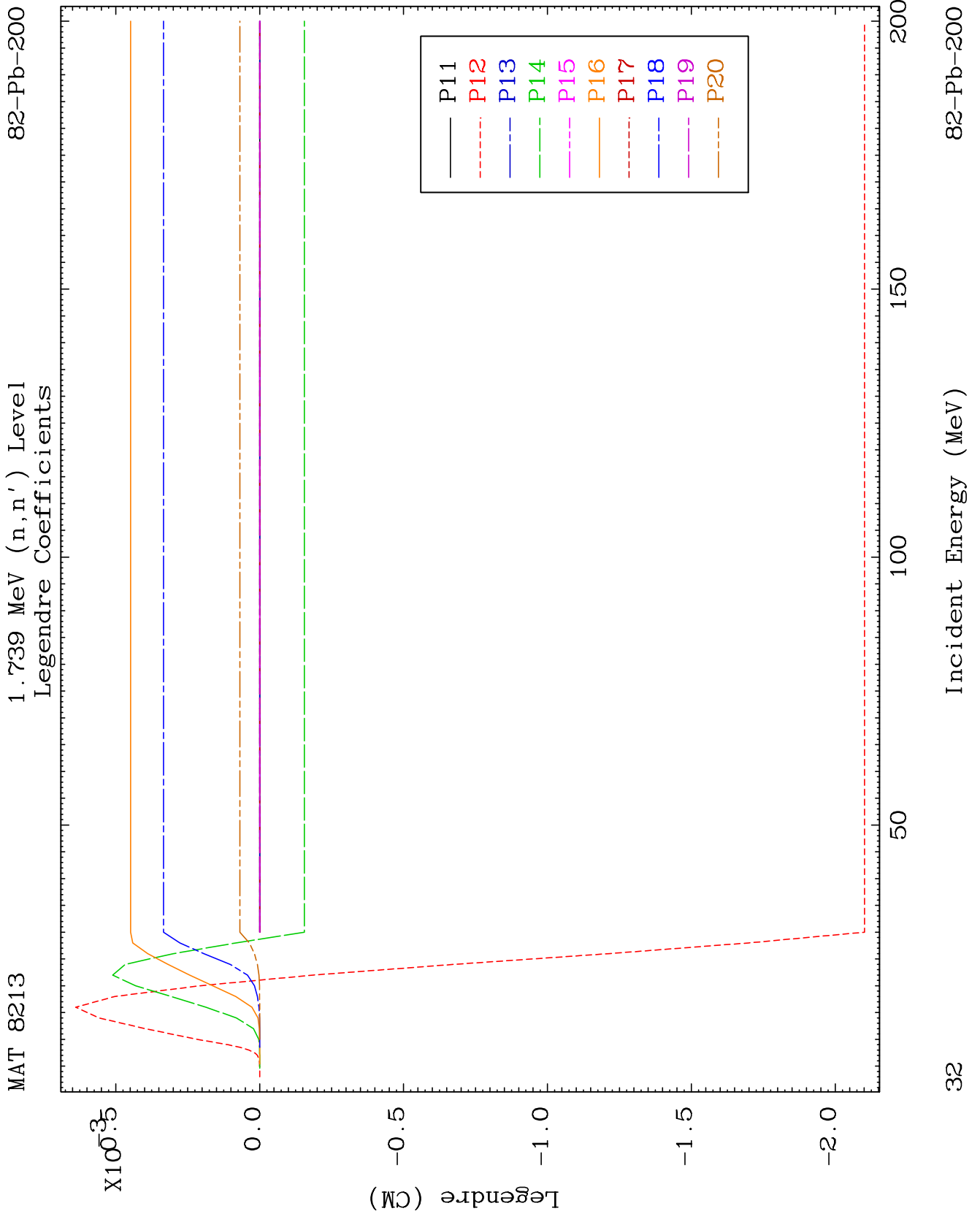


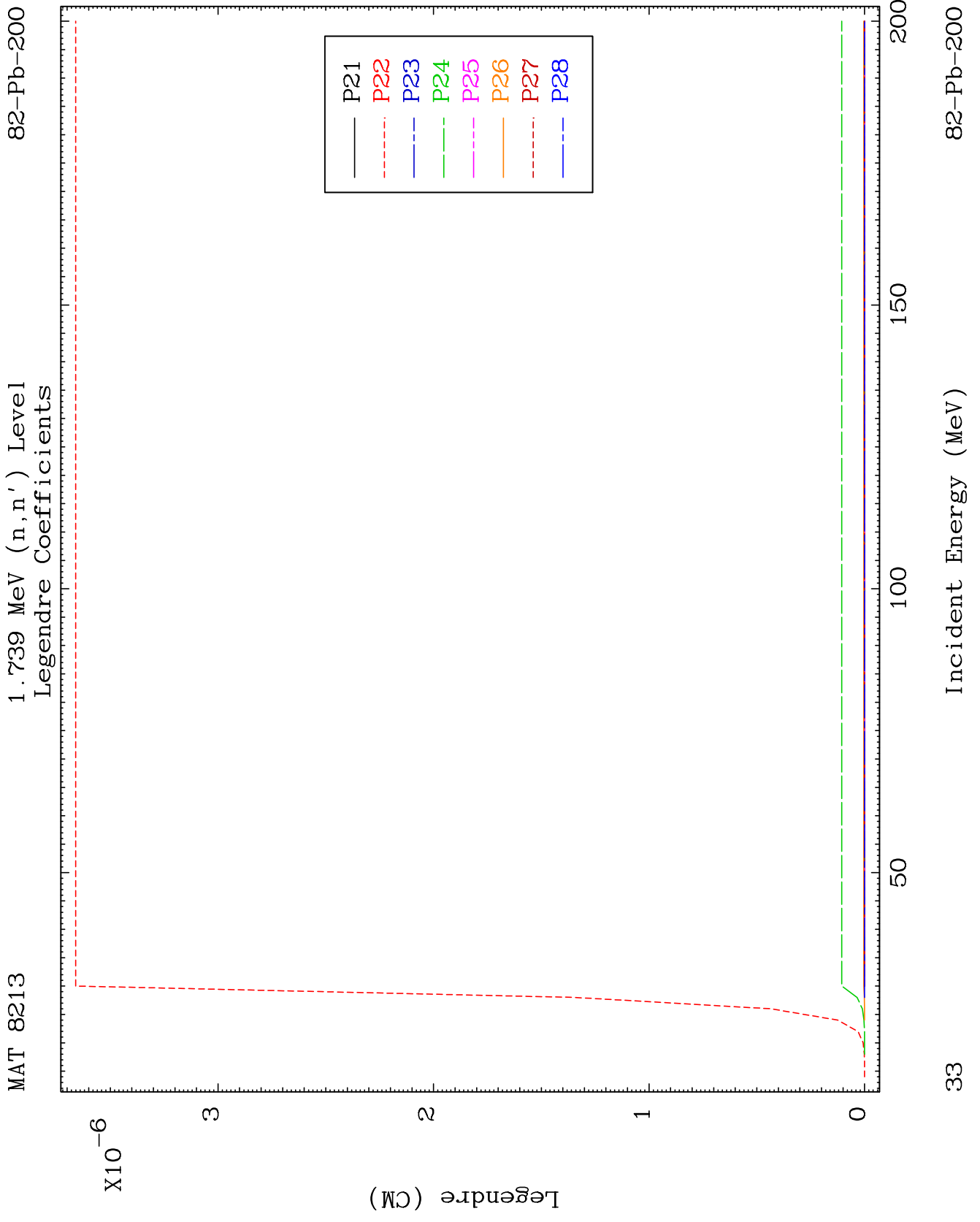
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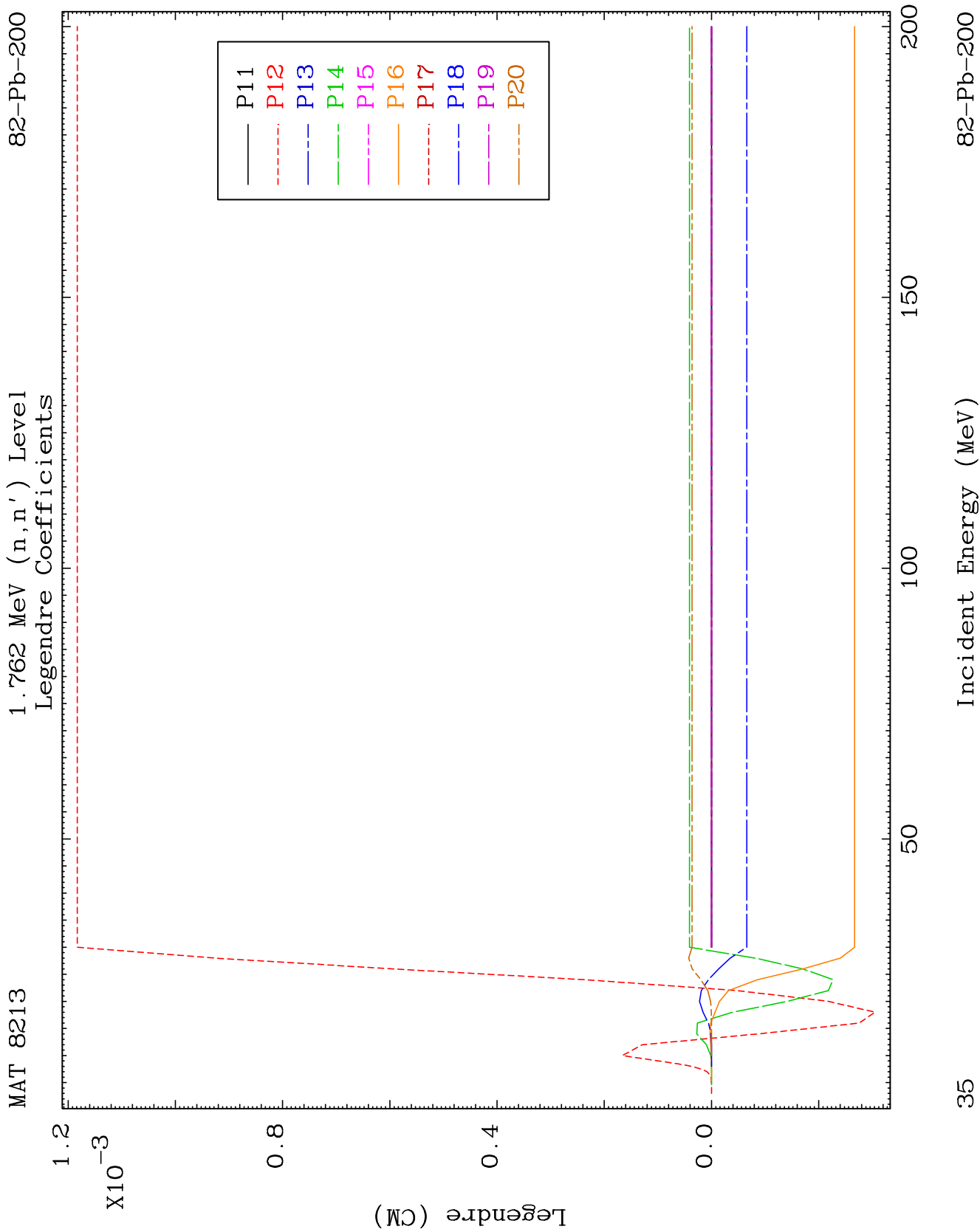
Incident Energy (MeV)

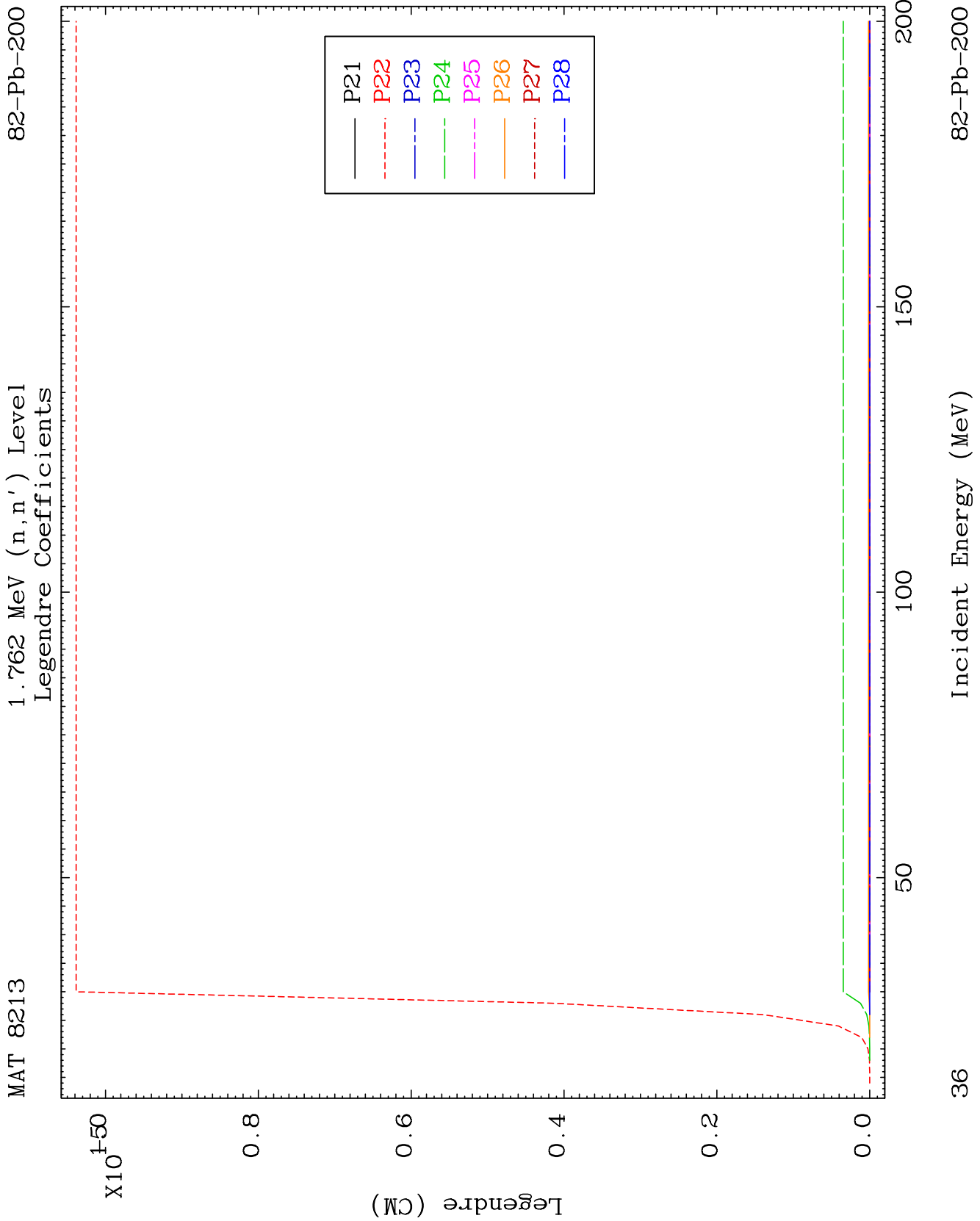
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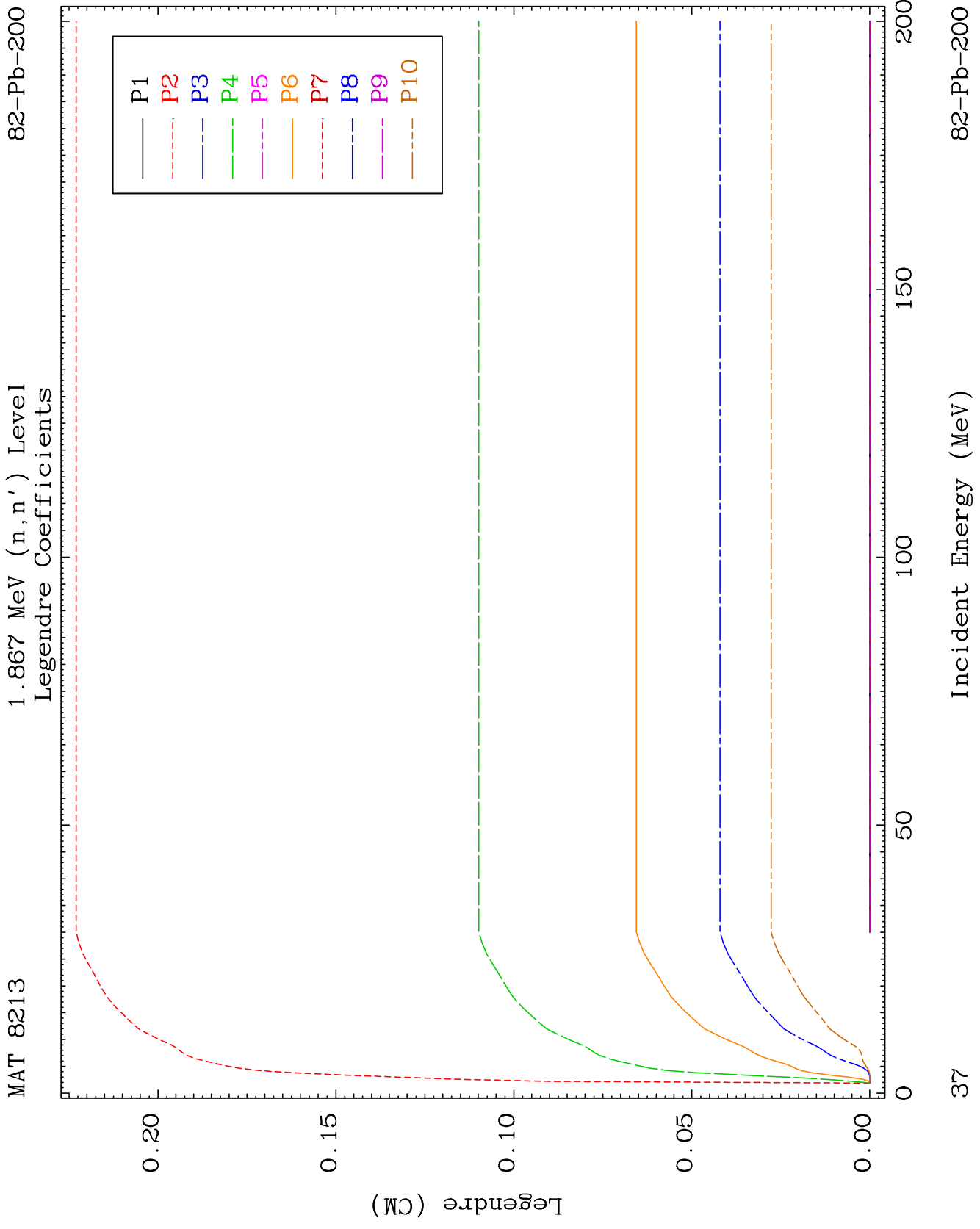








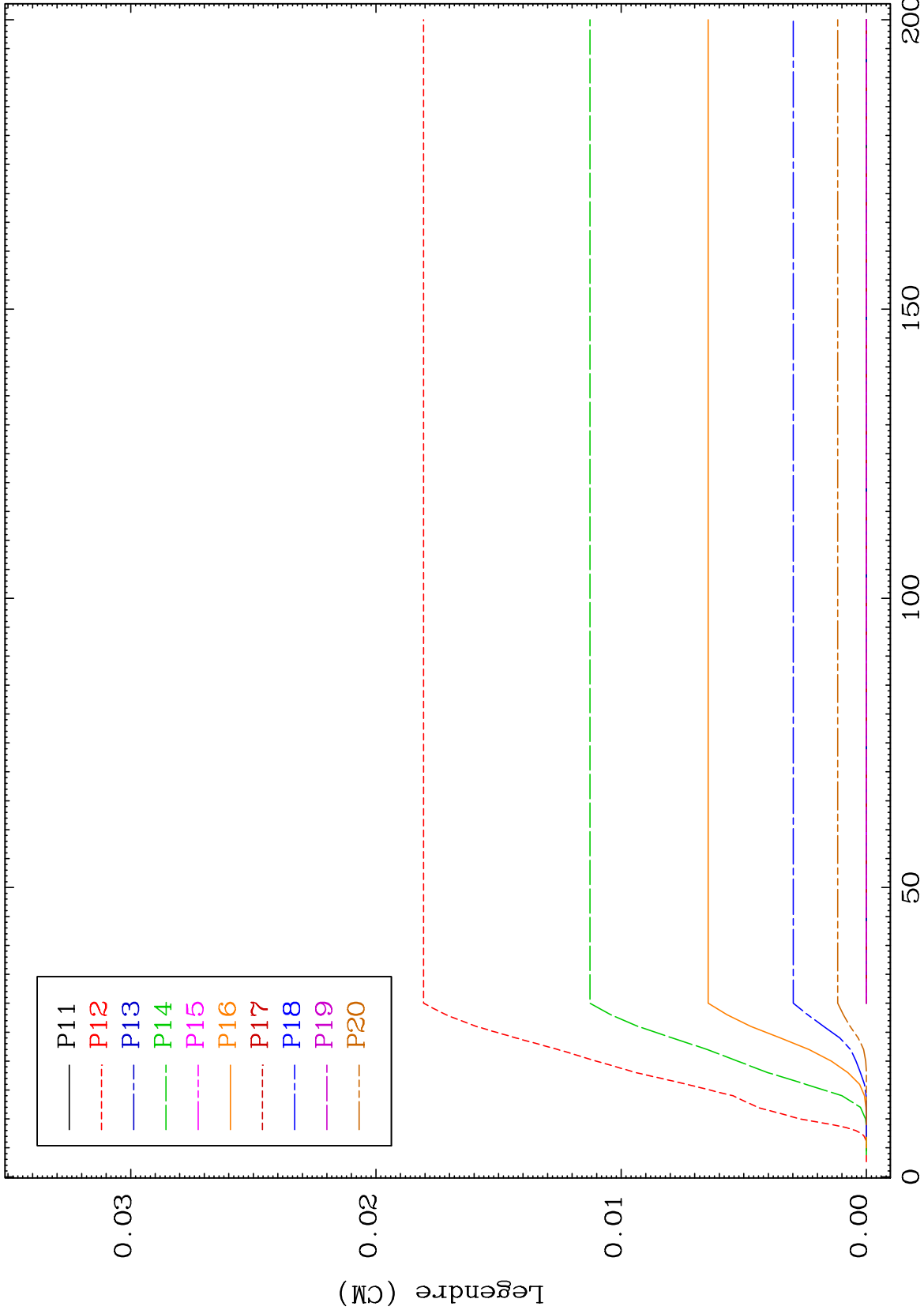




MAT 8213

1.867 MeV (n, n') Level
Legendre Coefficients

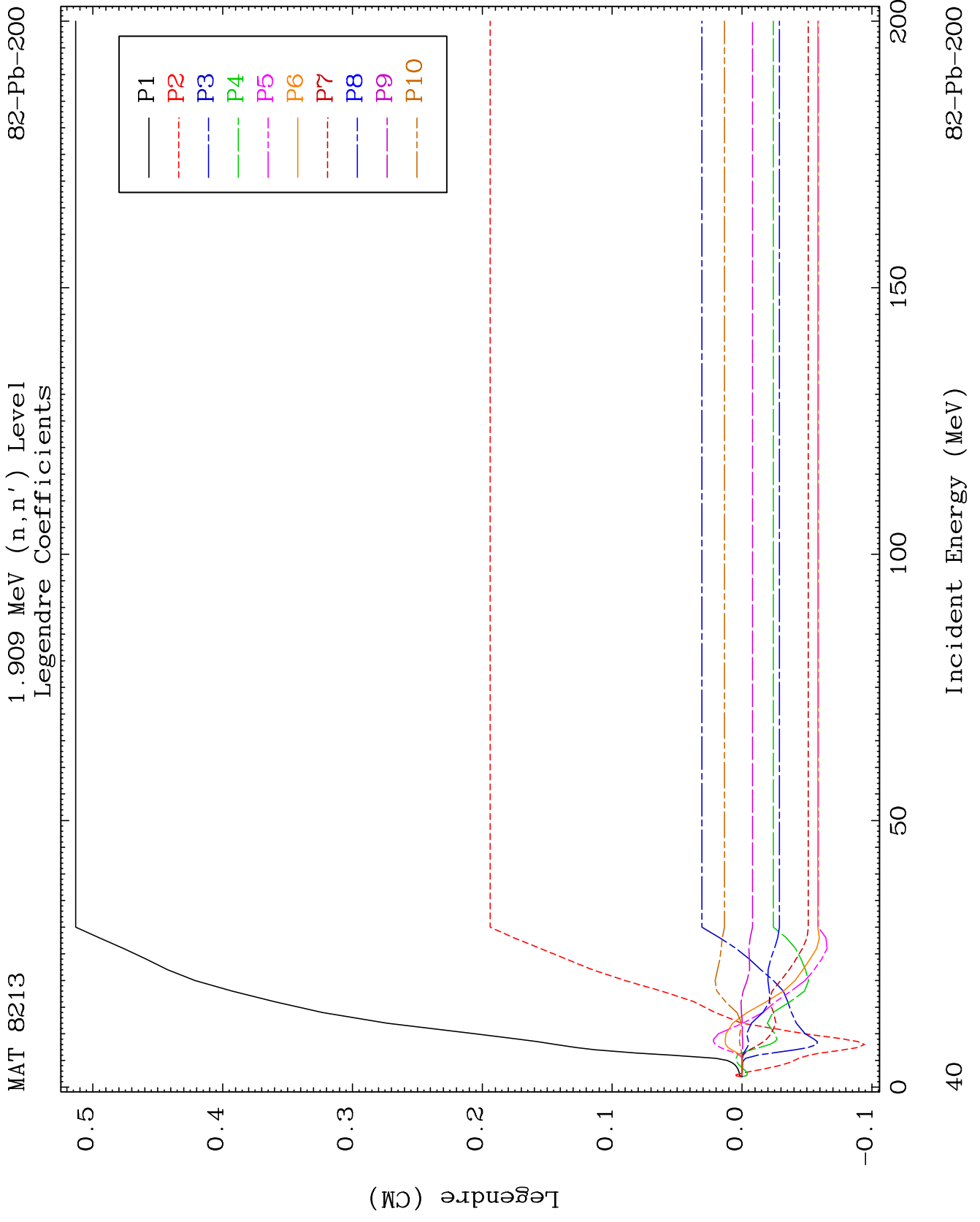
82-Pb-200



38

Incident Energy (MeV)

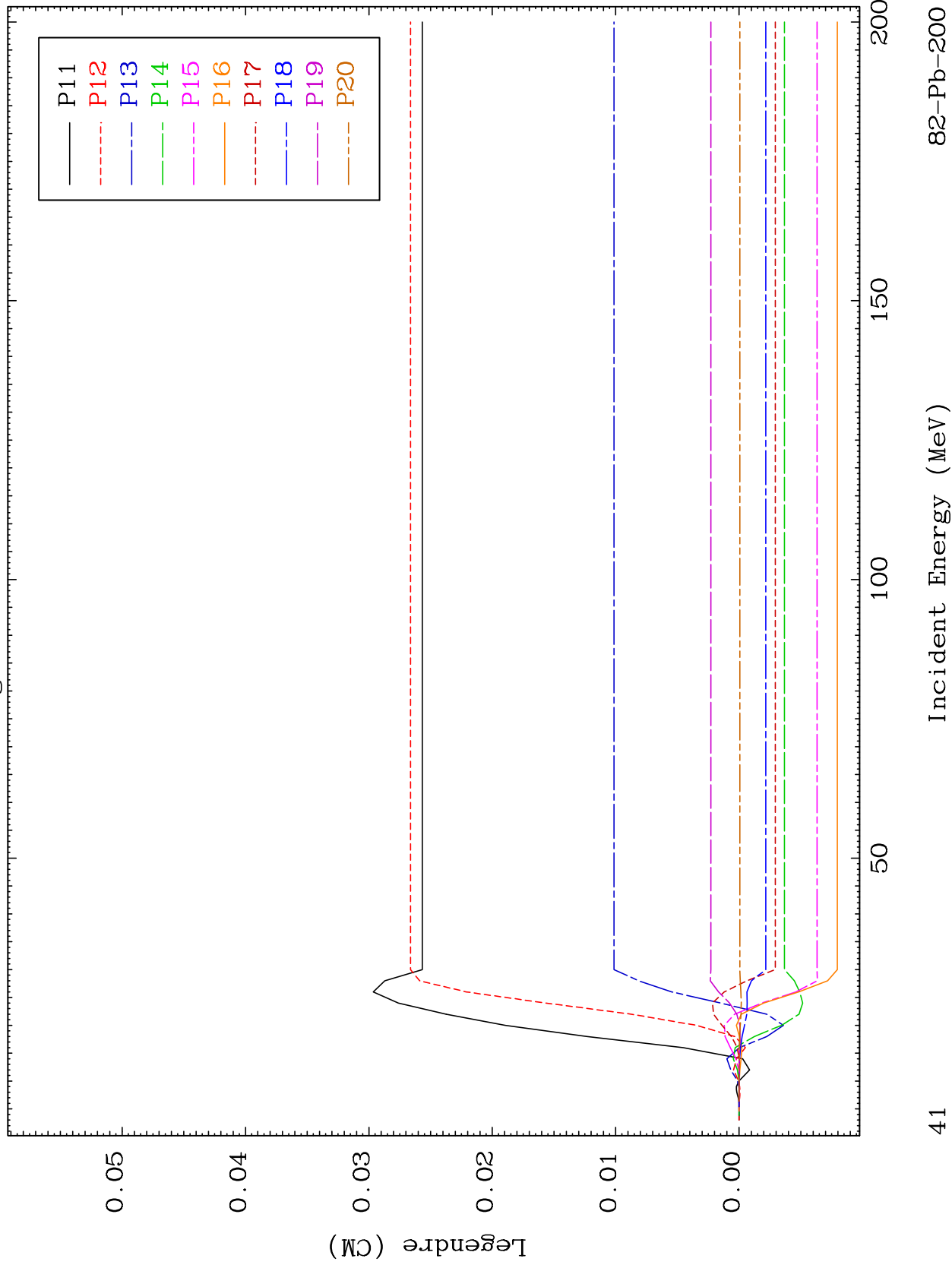
82-Pb-200



MAT 8213

1.909 MeV (n,n') Level
Legendre Coefficients

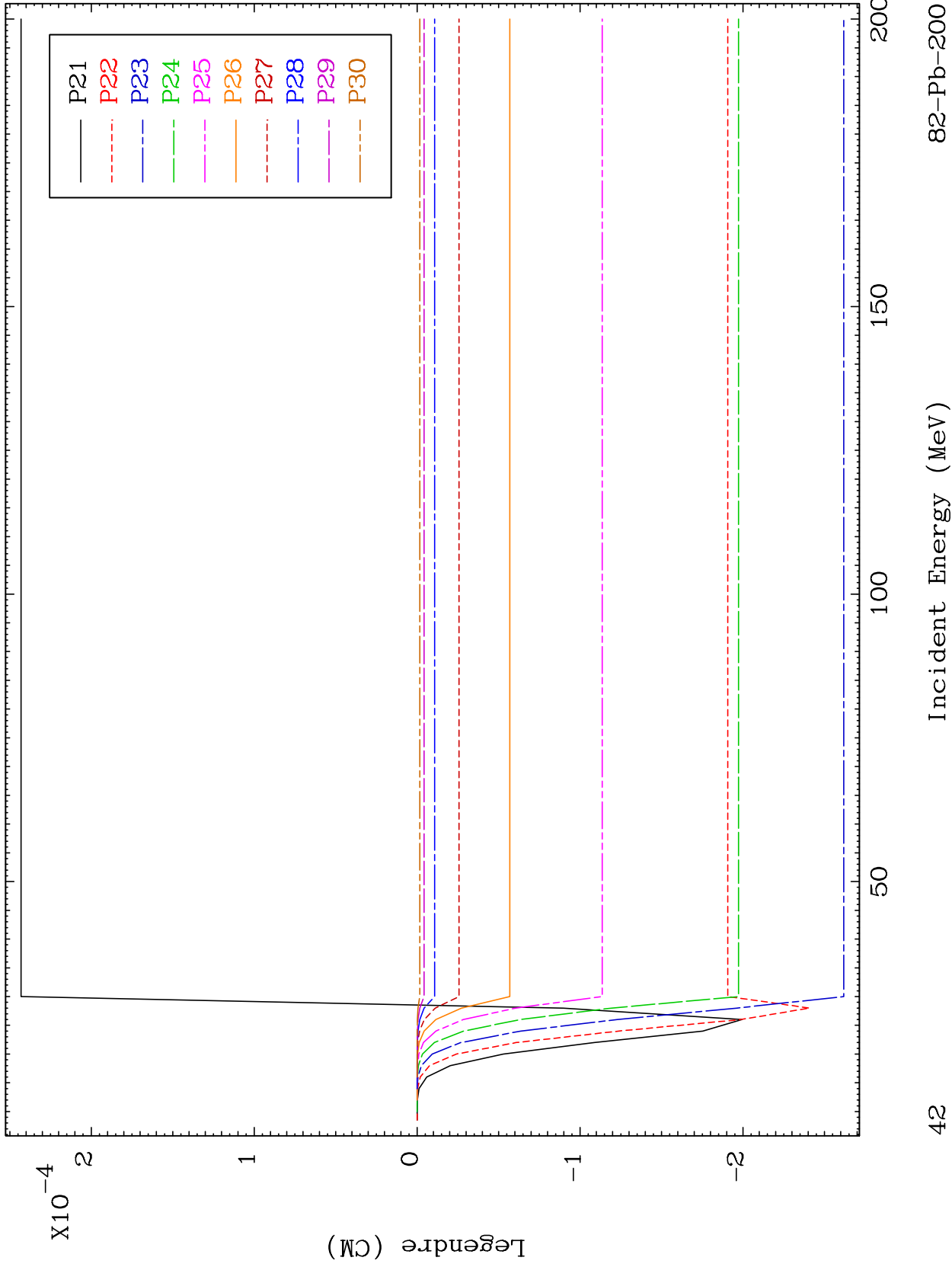
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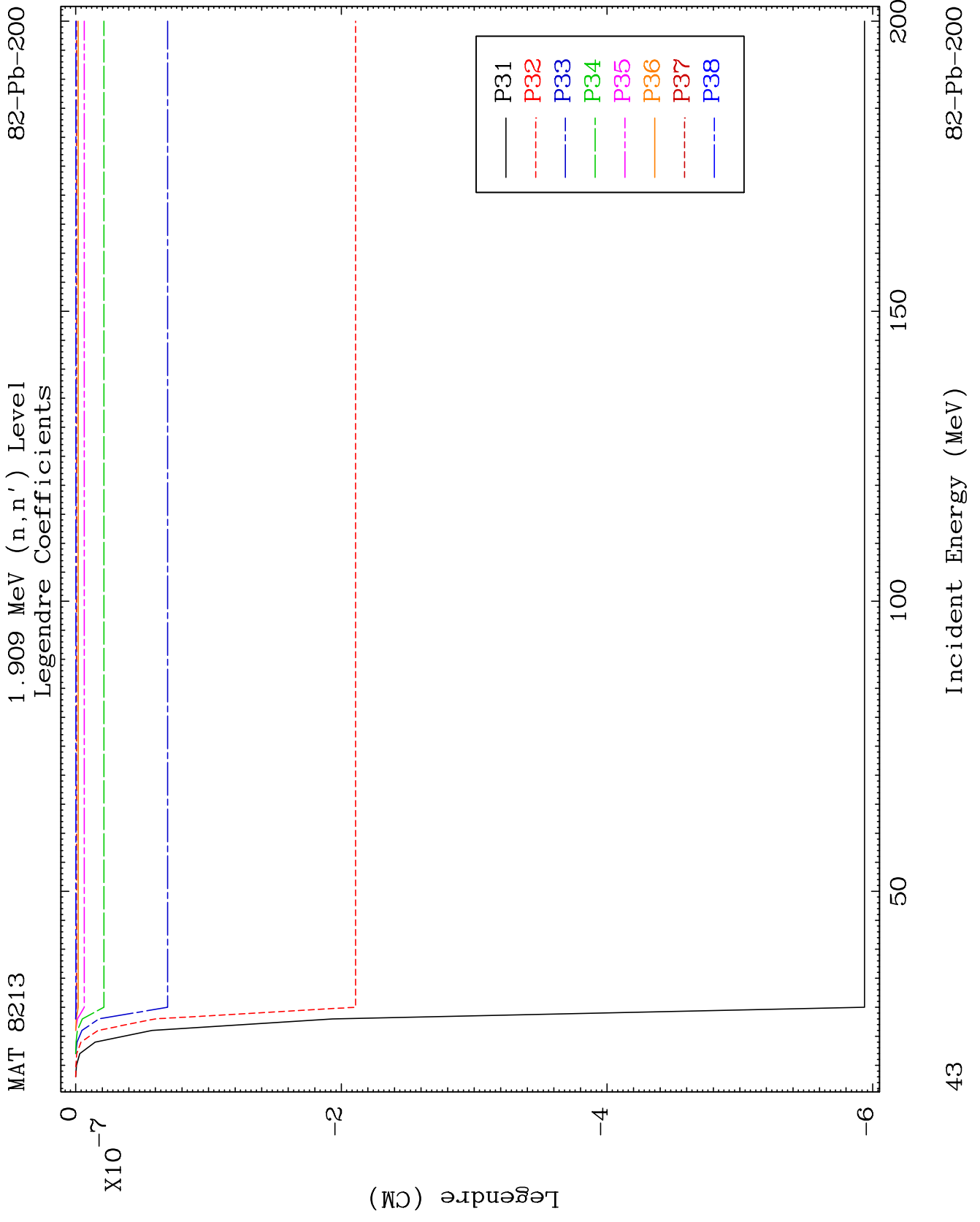
MAT 8213

1.909 MeV (n,n') Level
Legendre Coefficients

82-Pb-200



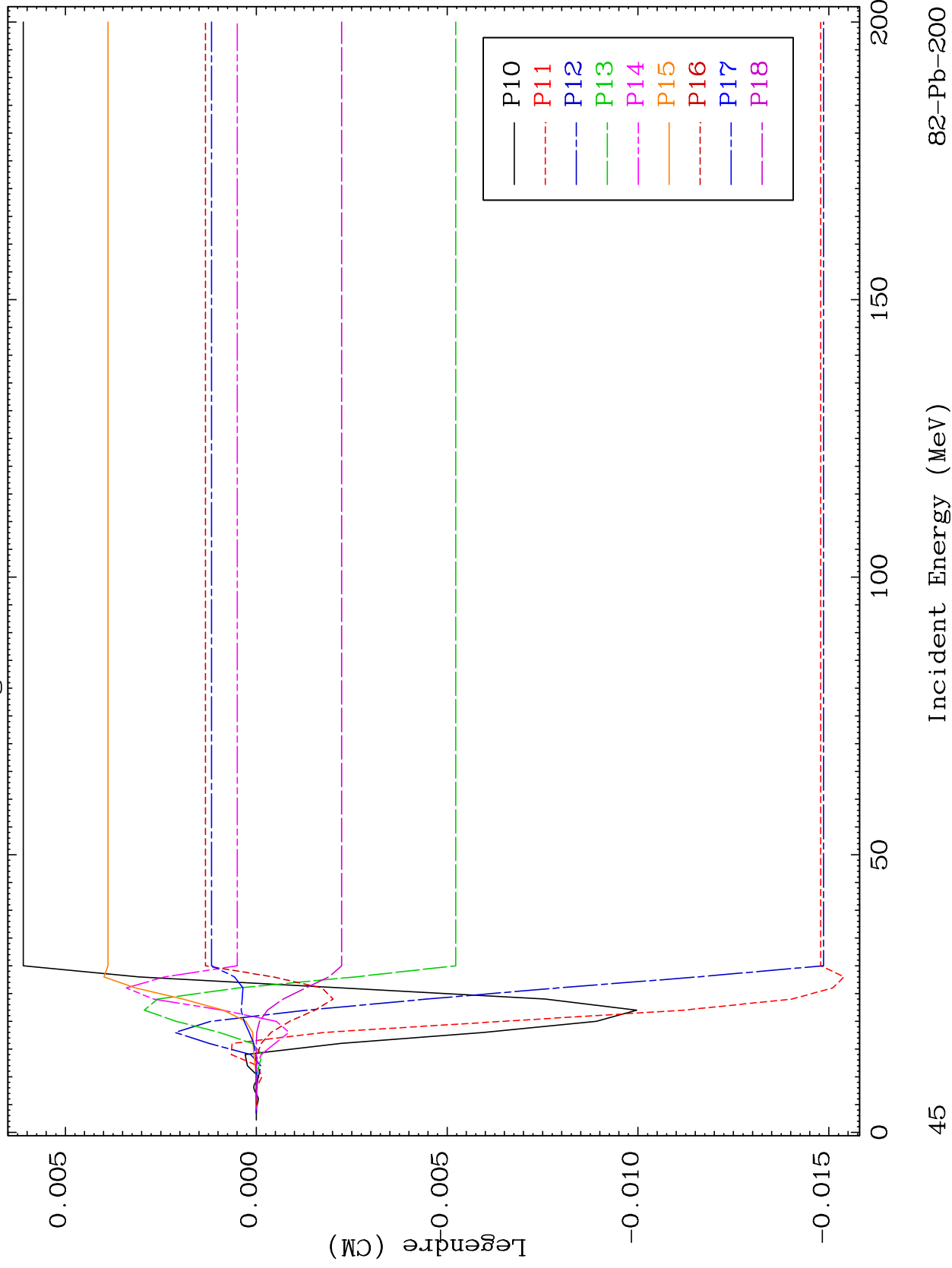
42



MAT 8213

2.154 MeV (n, n') Level
Legendre Coefficients

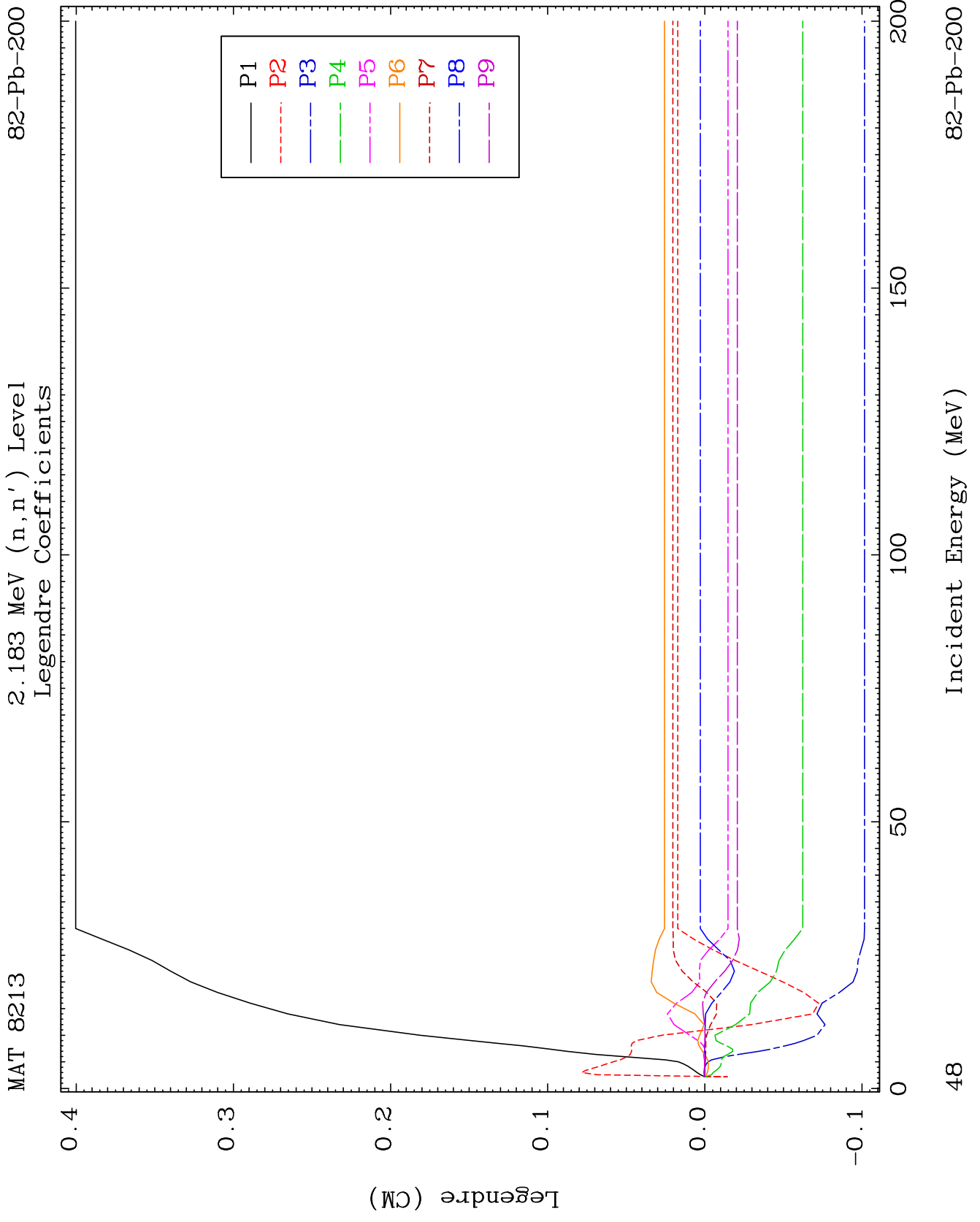
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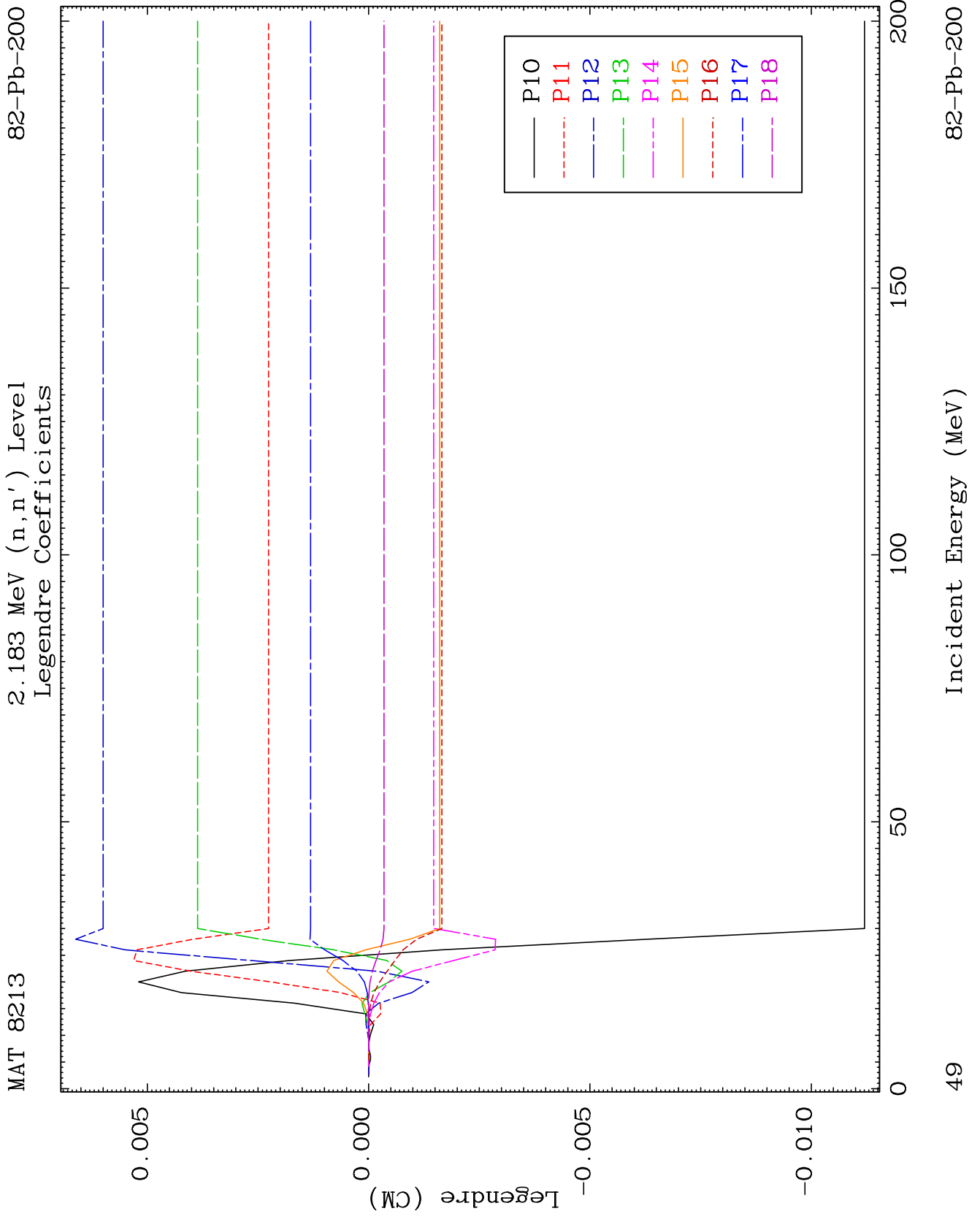


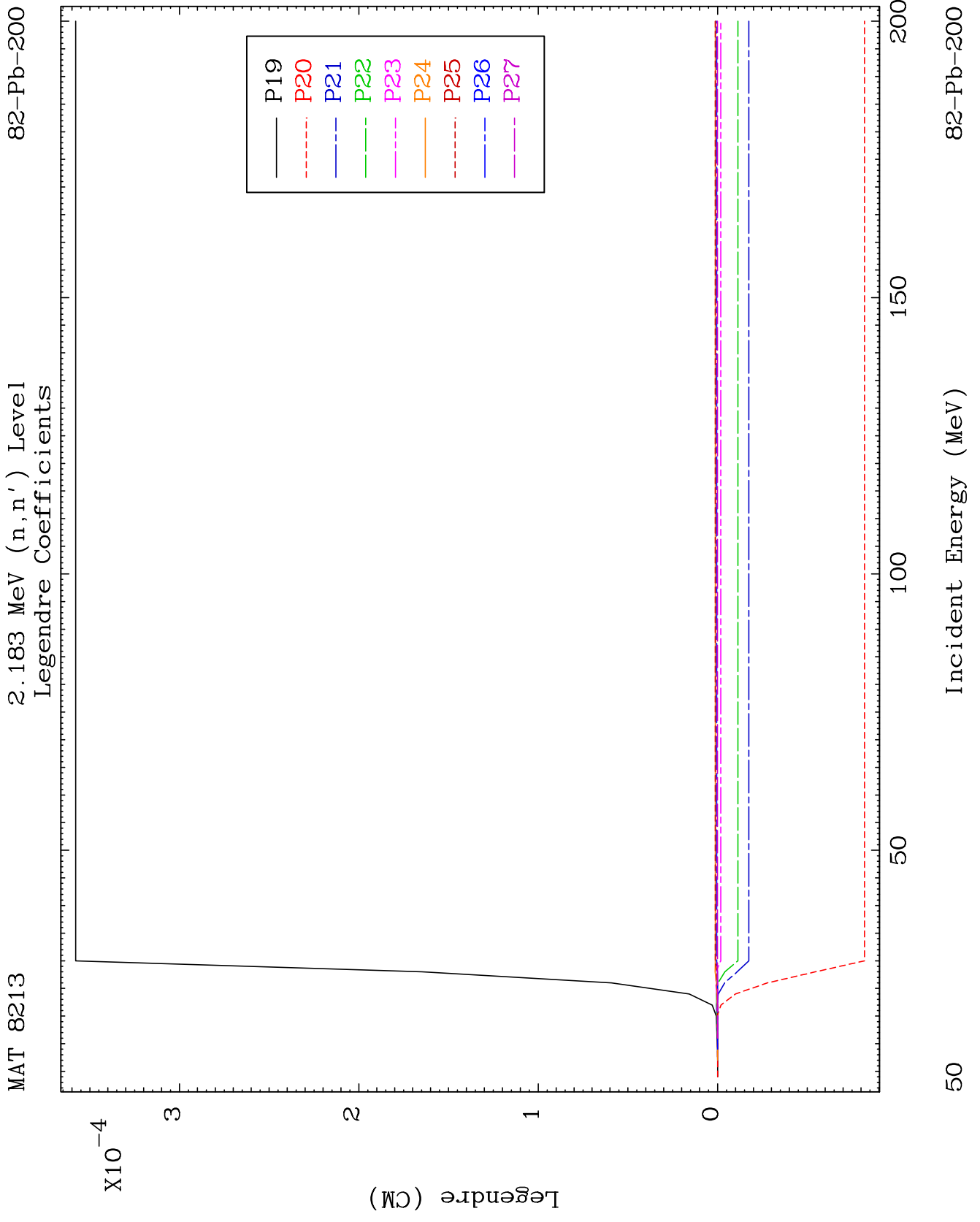
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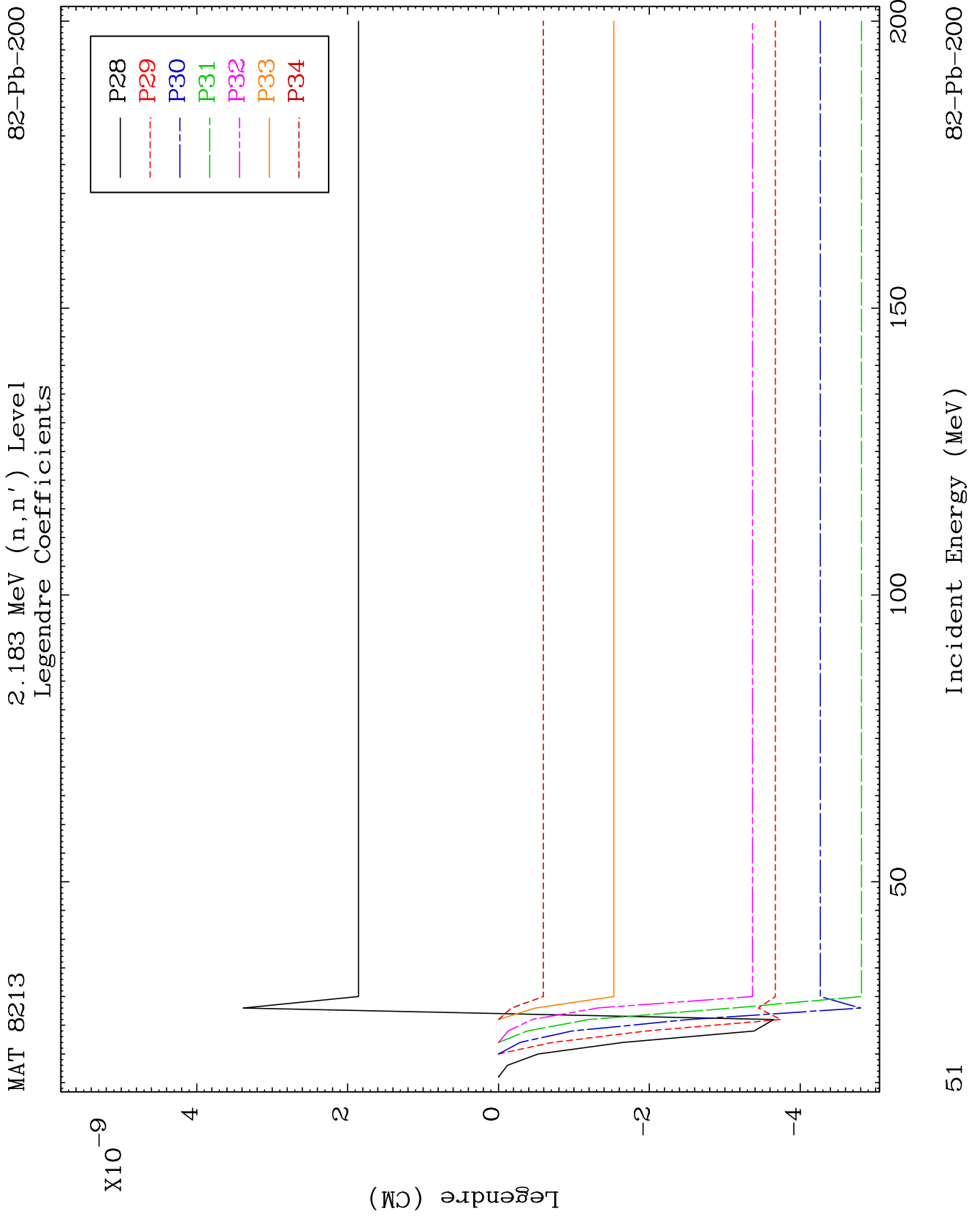
Incident Energy (MeV)

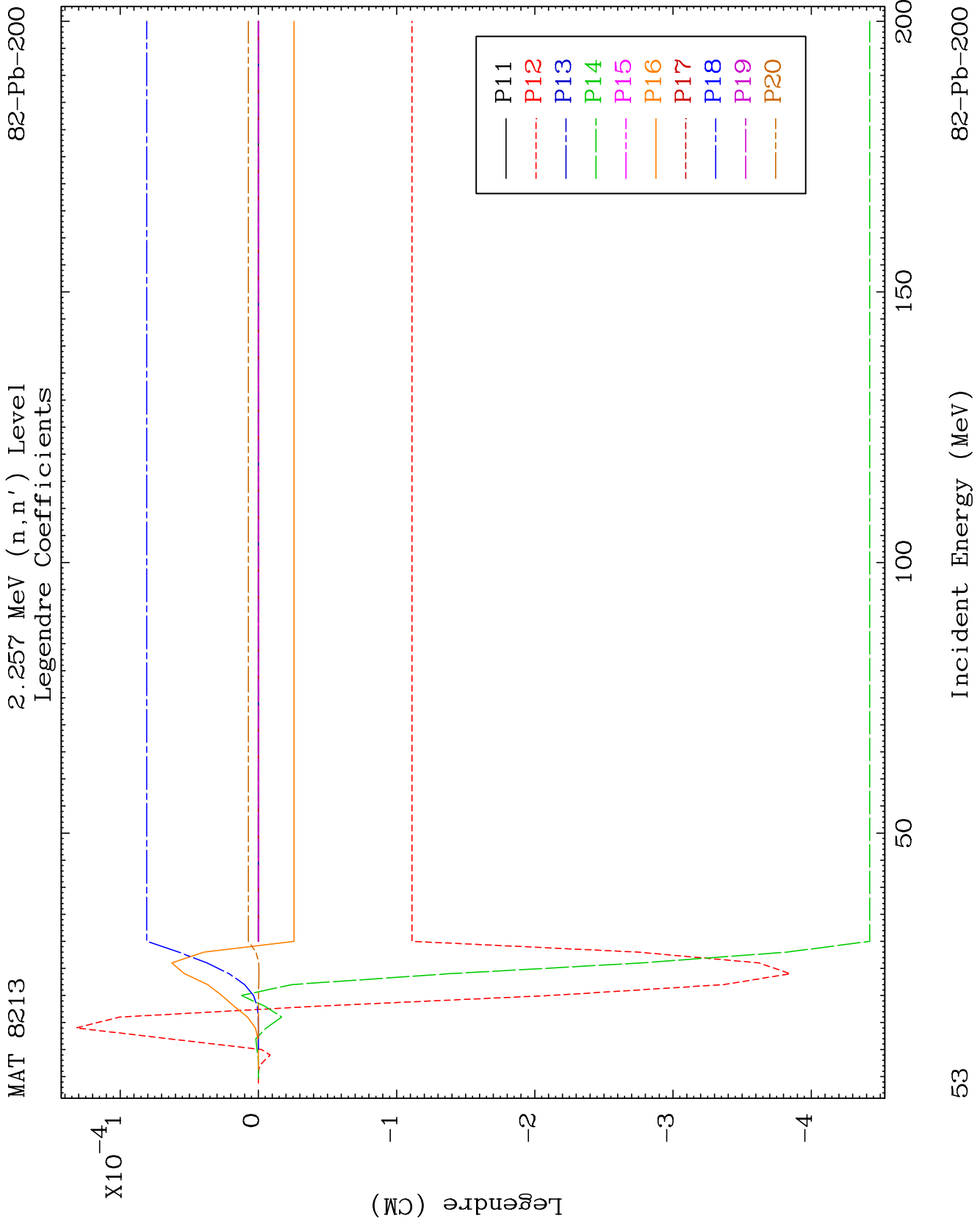
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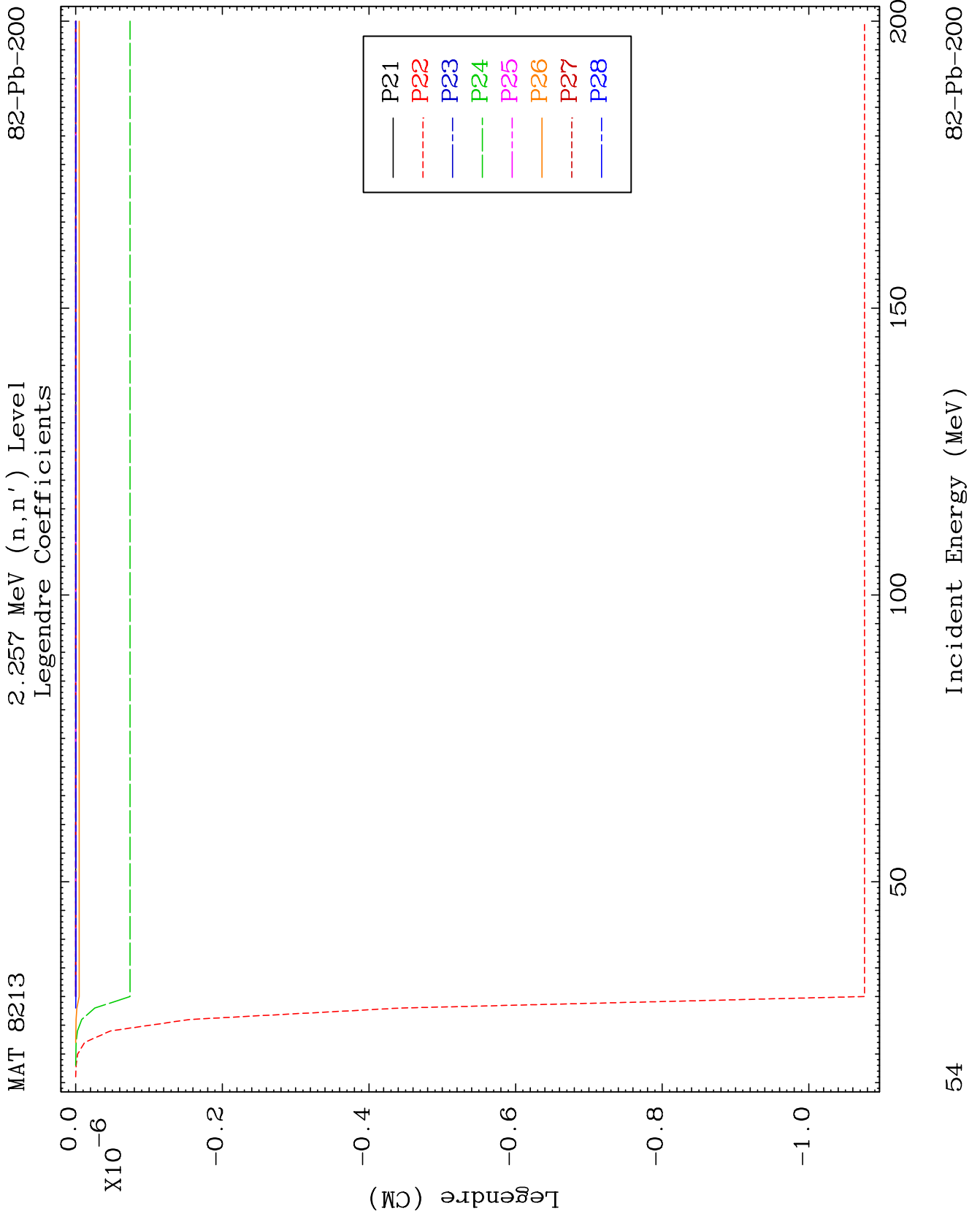








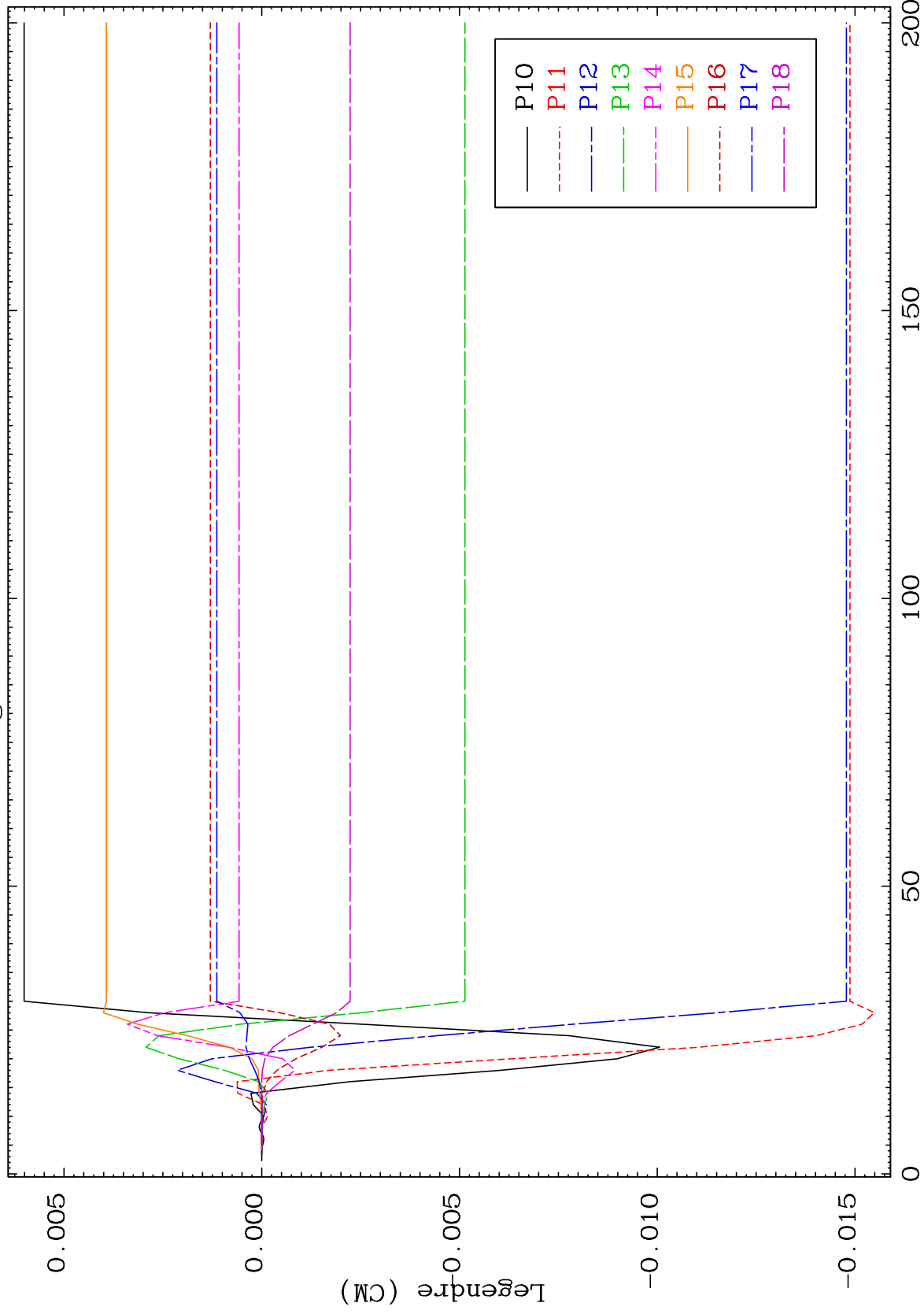




MAT 8213

2.268 MeV (n,n') Level
Legendre Coefficients

82-Pb-200



56

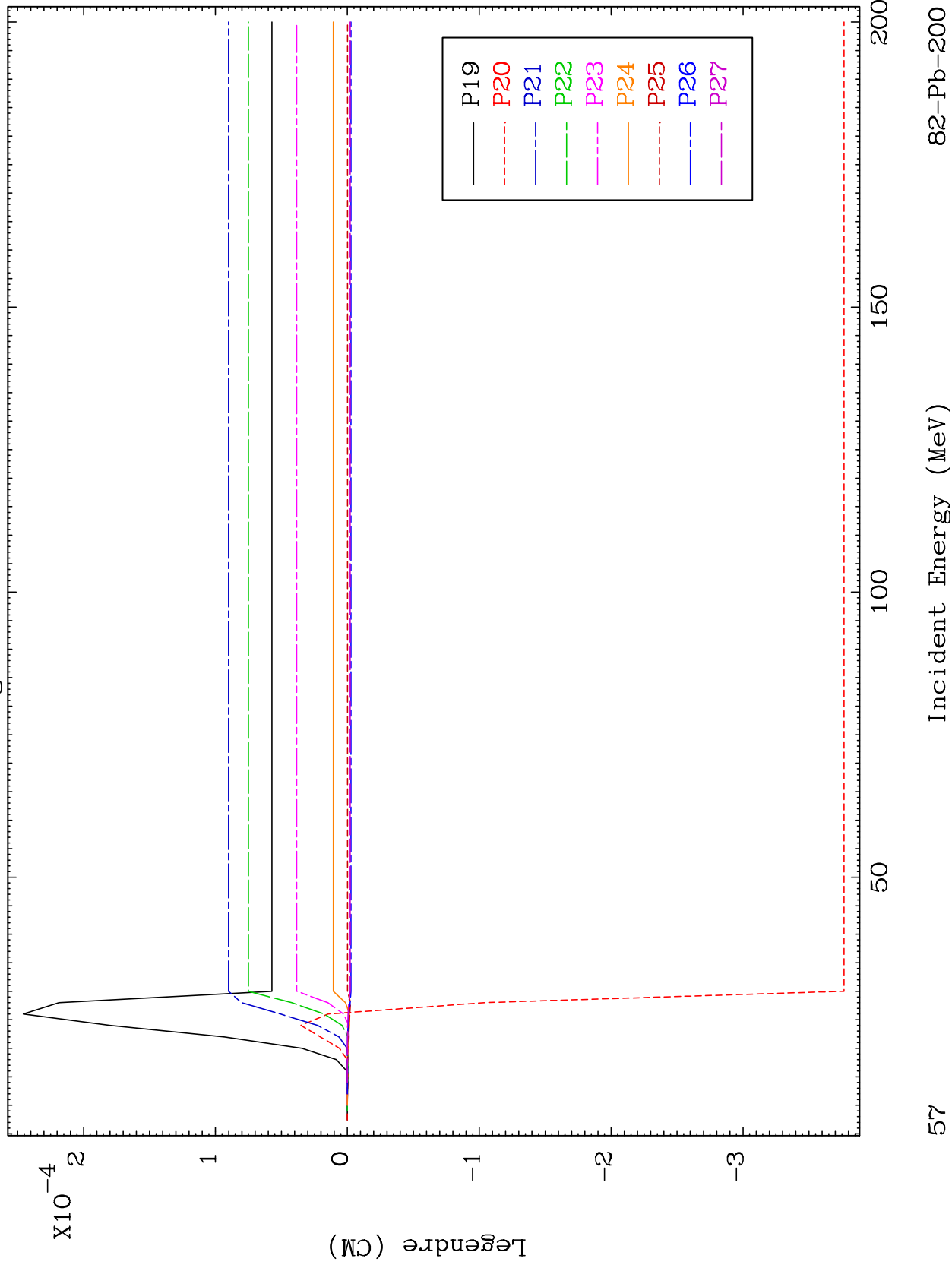
Incident Energy (MeV)

82-Pb-200

MAT 8213

2.268 MeV (n, n') Level
Legendre Coefficients

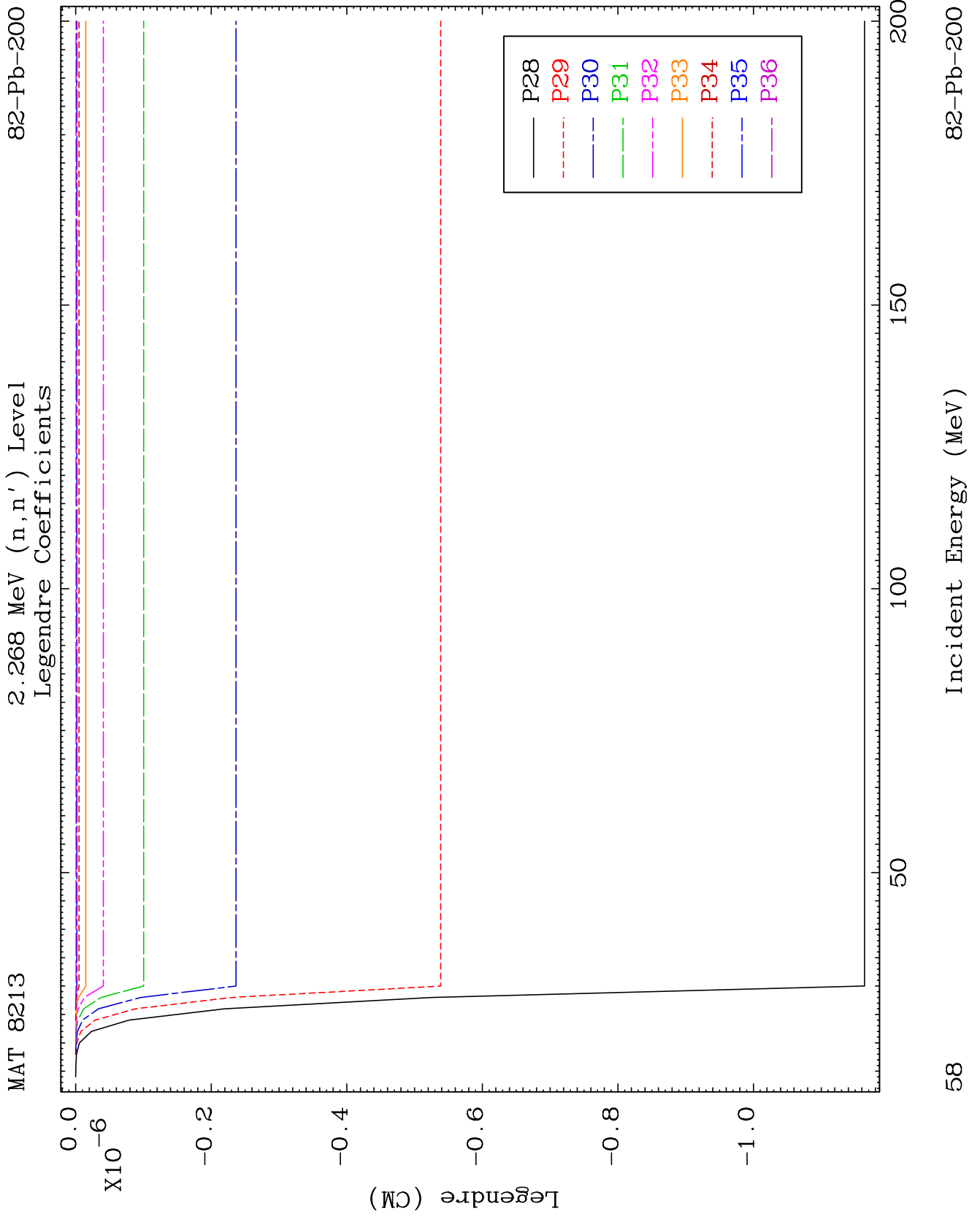
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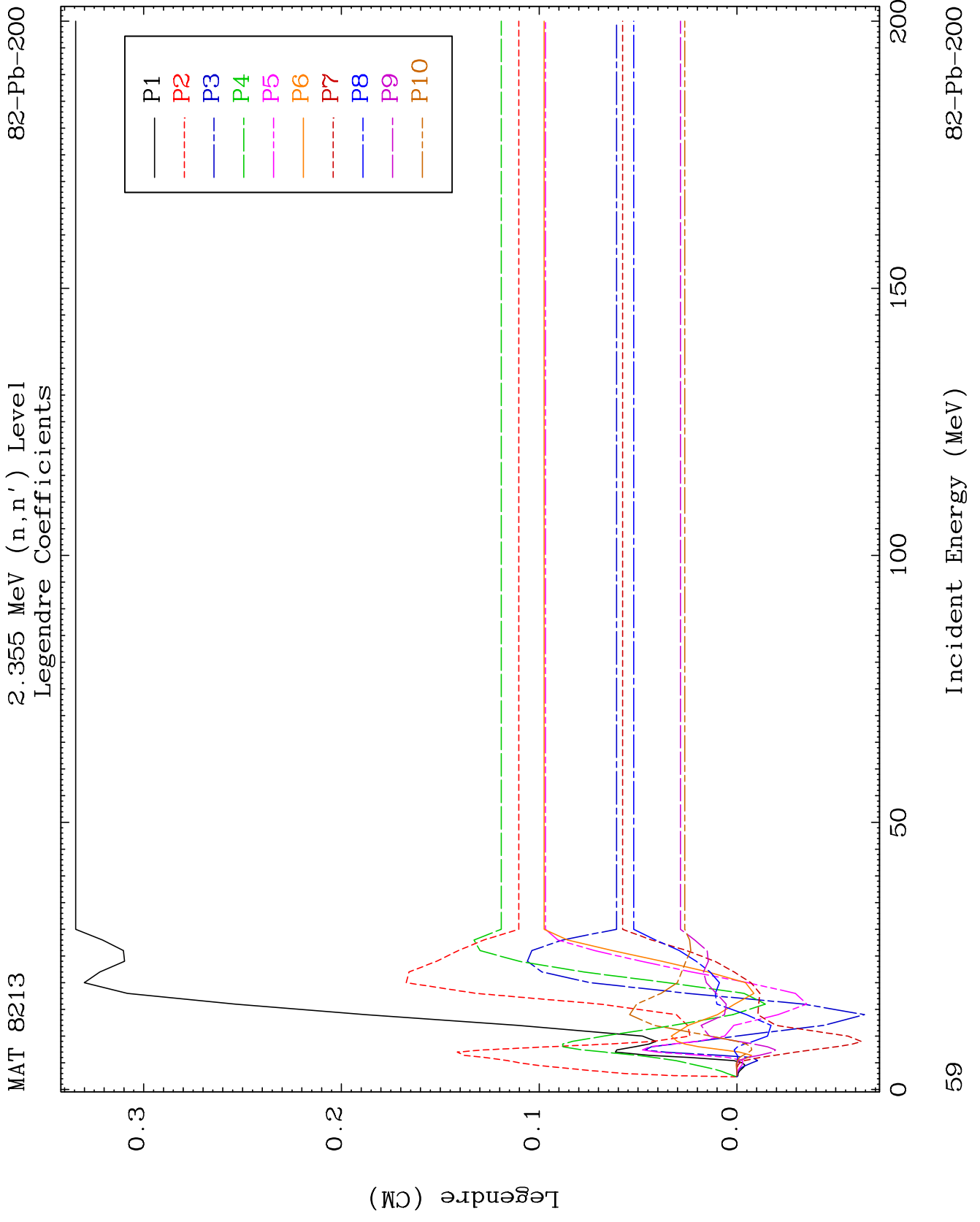


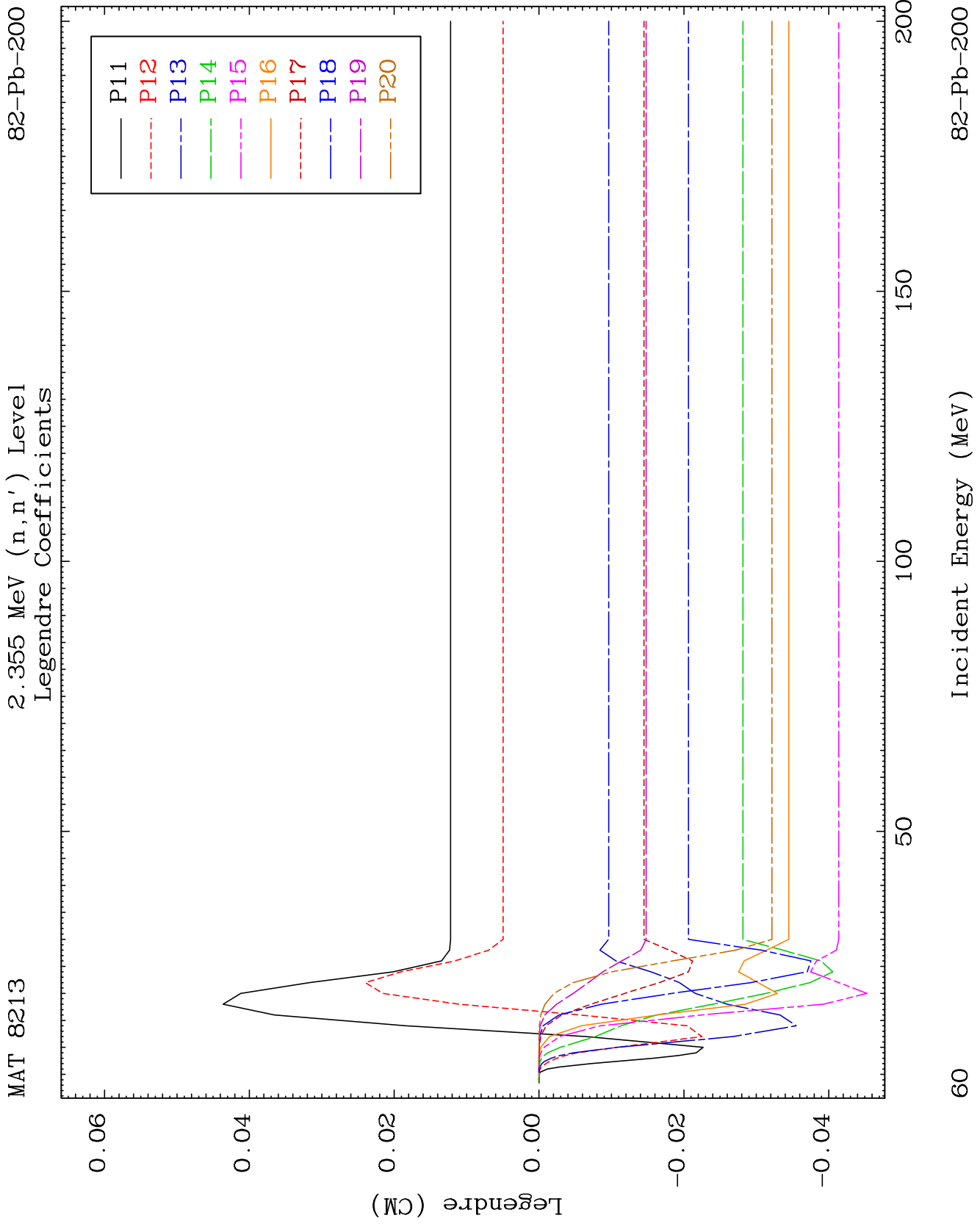
57

Incident Energy (MeV)

82-Pb-200



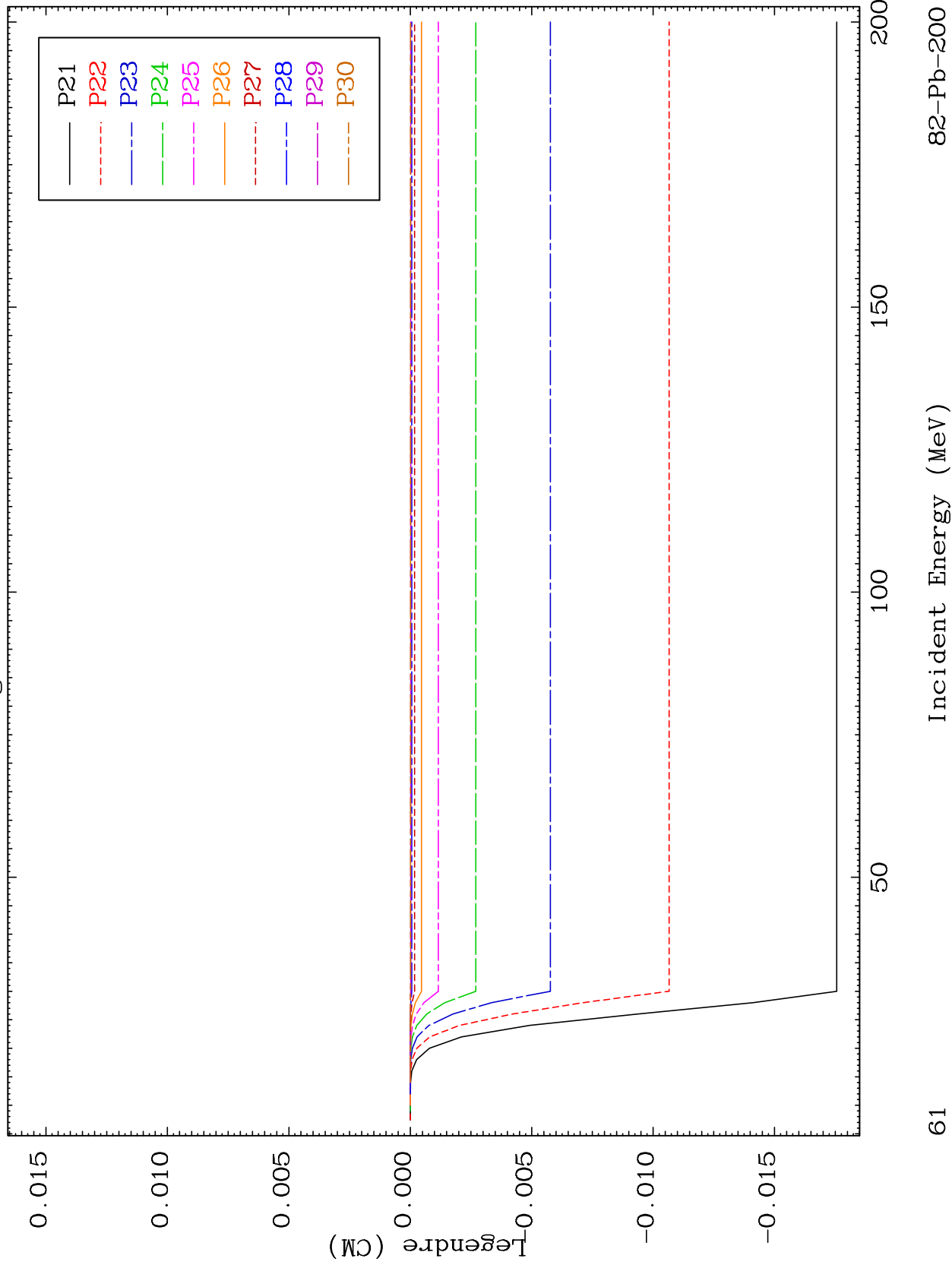




MAT 8213

2.355 MeV (n,n') Level
Legendre Coefficients

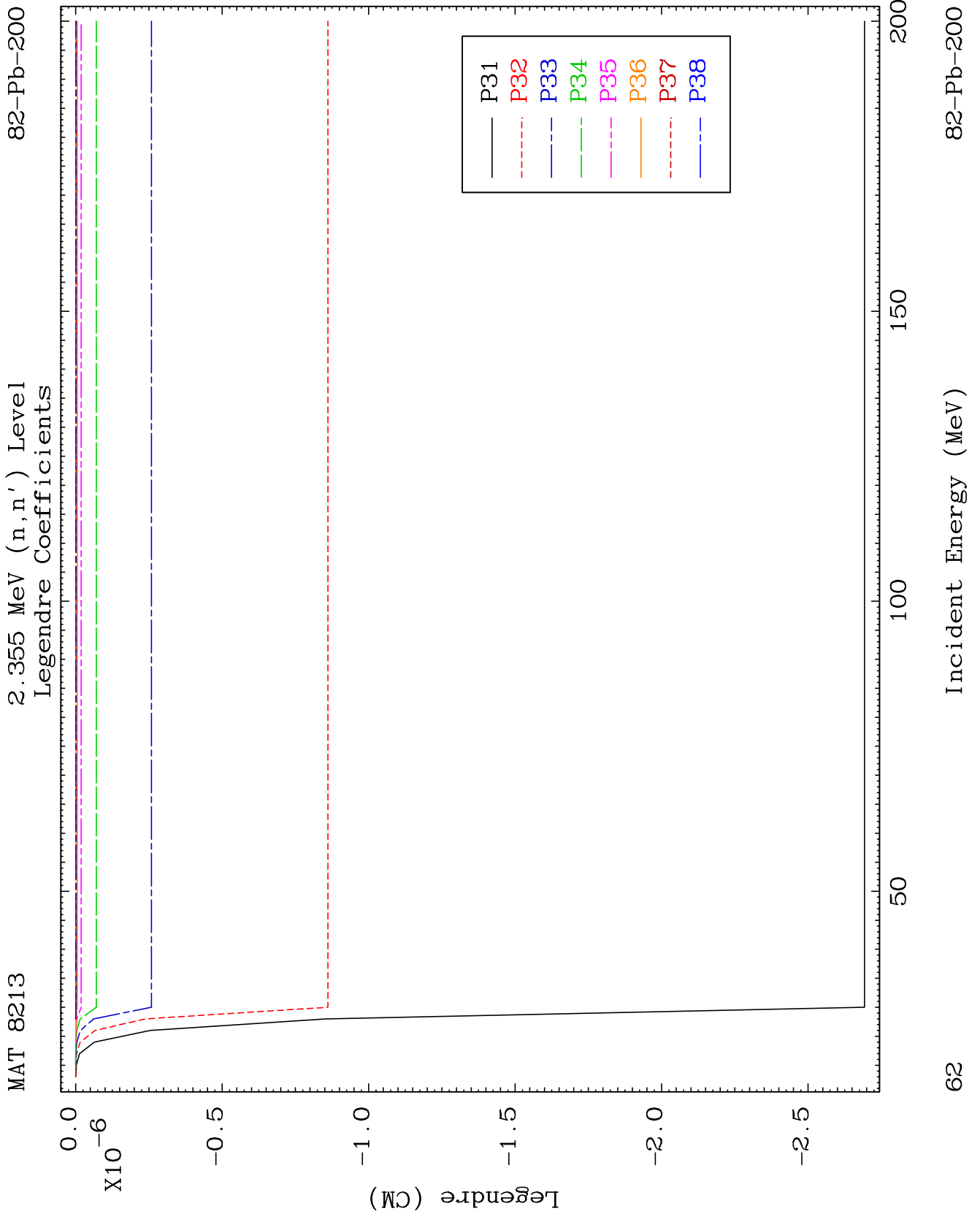
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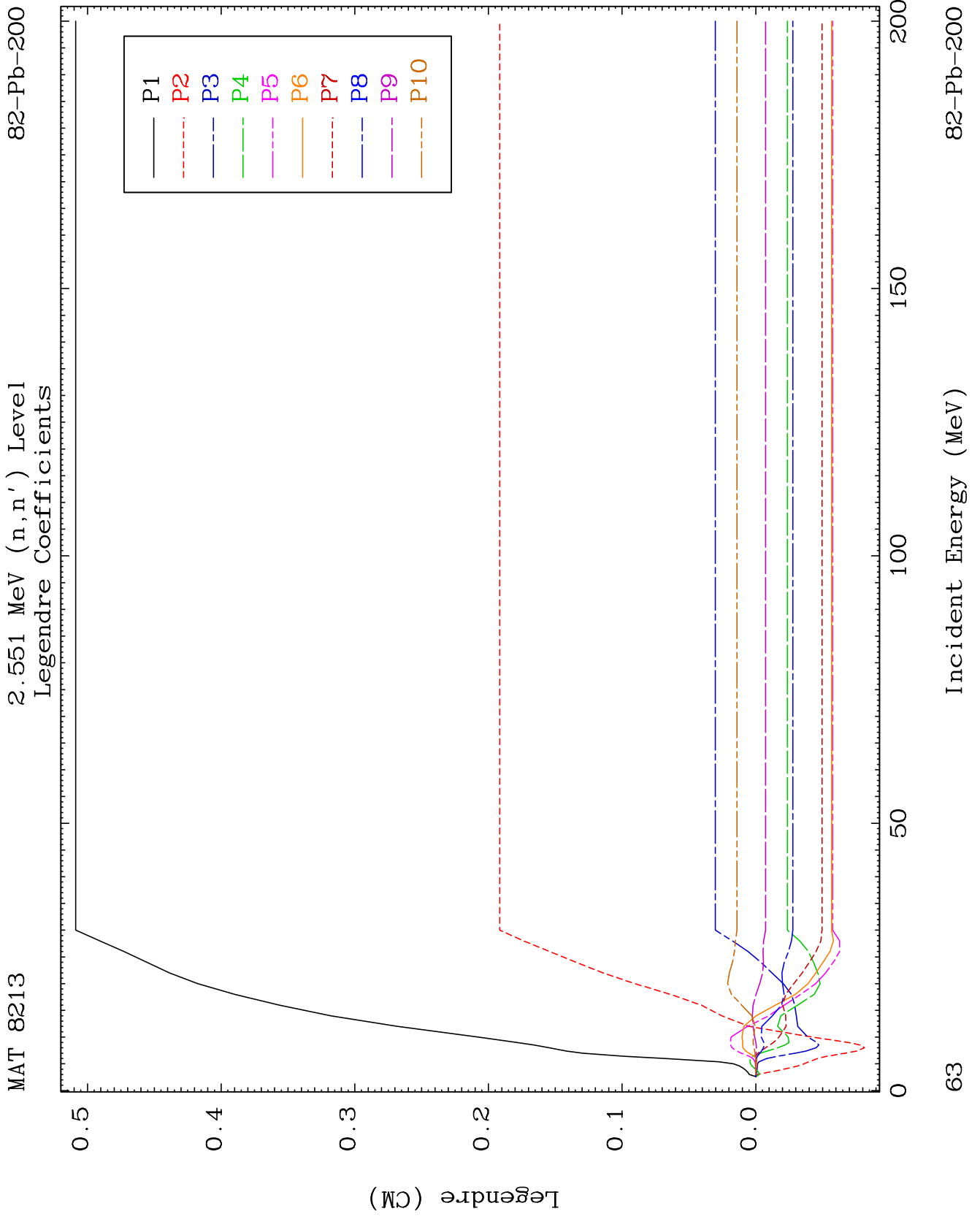


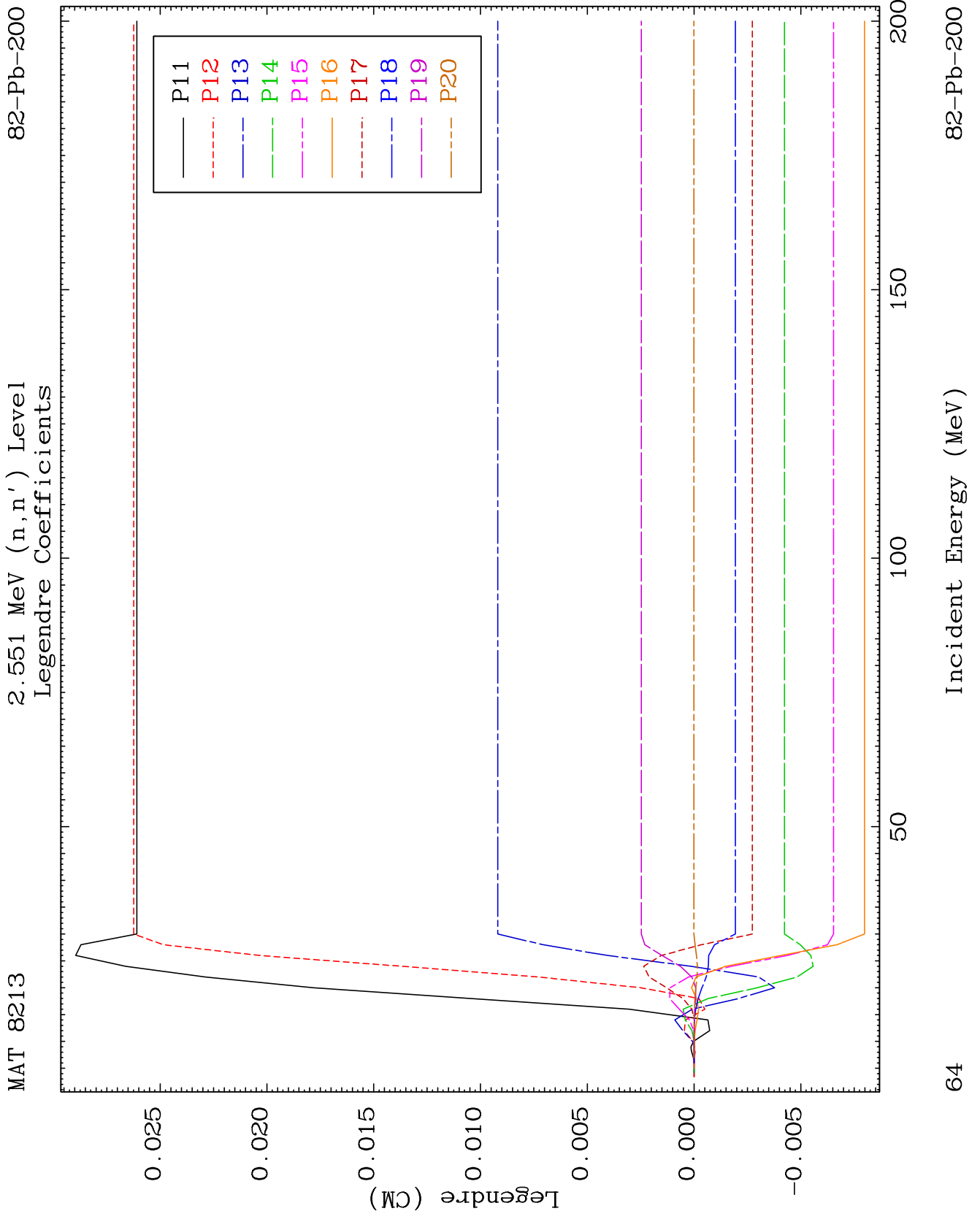
61

Incident Energy (MeV)

82-Pb-200



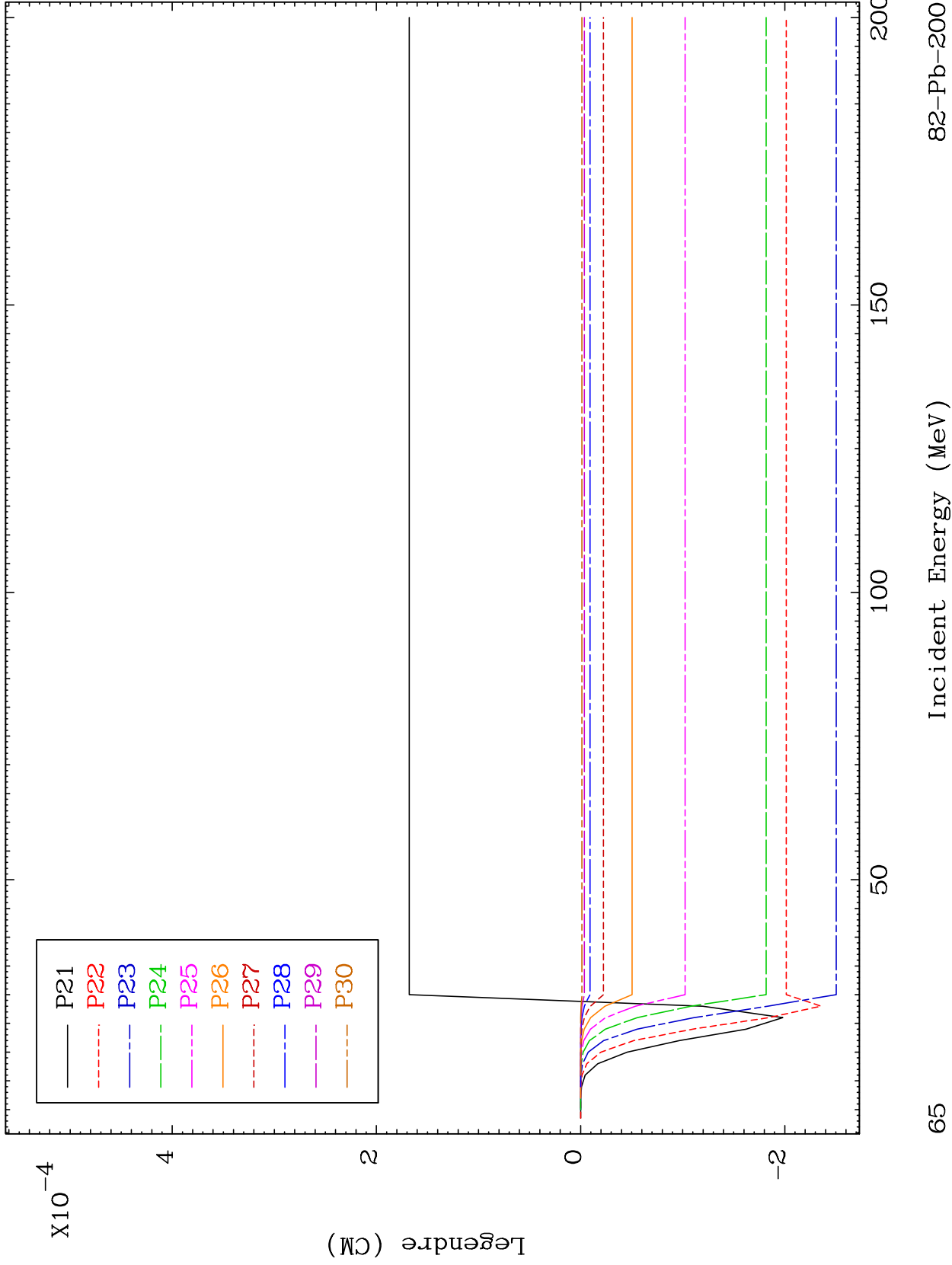




MAT 8213

2.551 MeV (n,n') Level
Legendre Coefficients

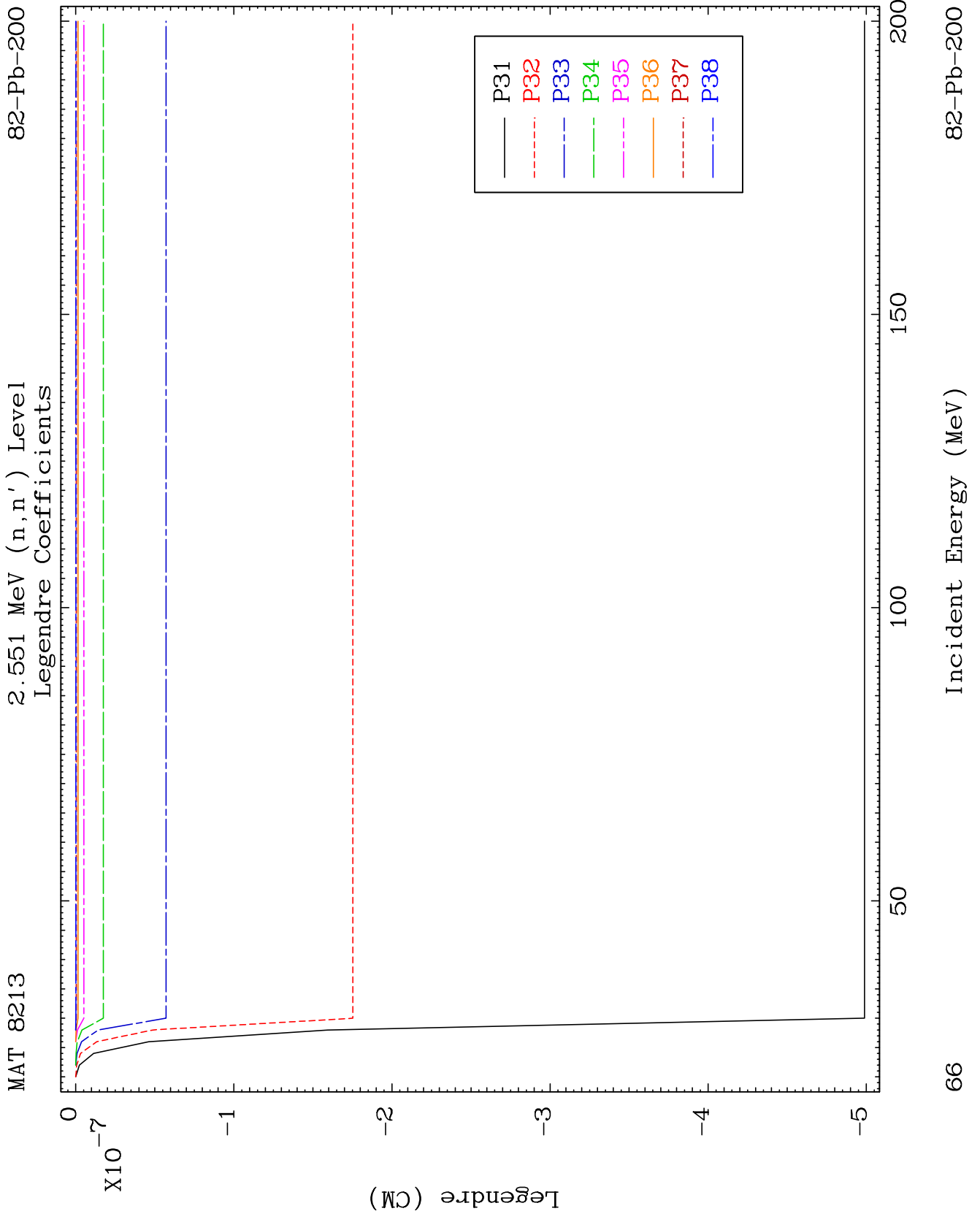
82-Pb-200



65

Incident Energy (MeV)

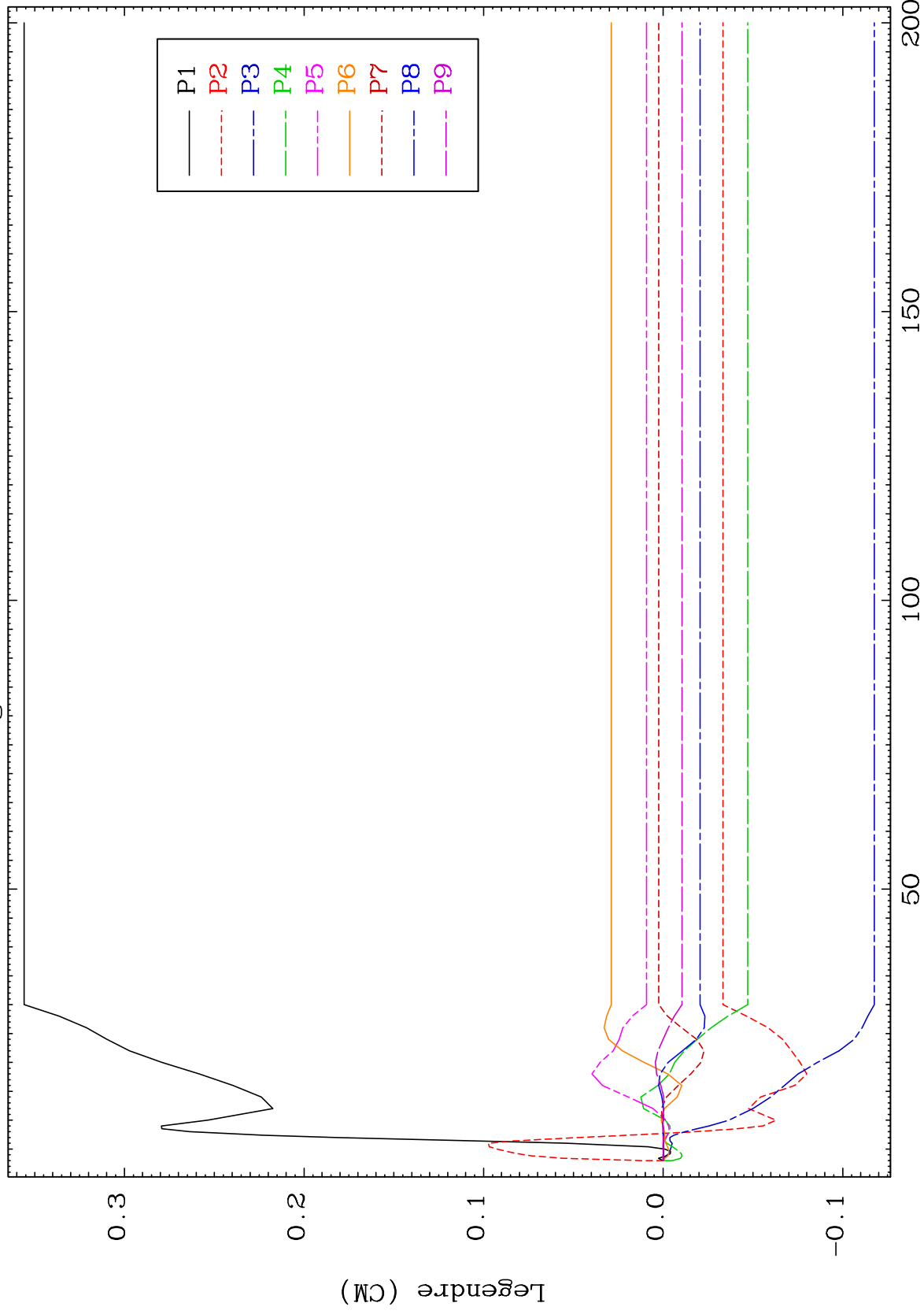
82-Pb-200



MAT 8213

2.960 MeV (n,n') Level
Legendre Coefficients

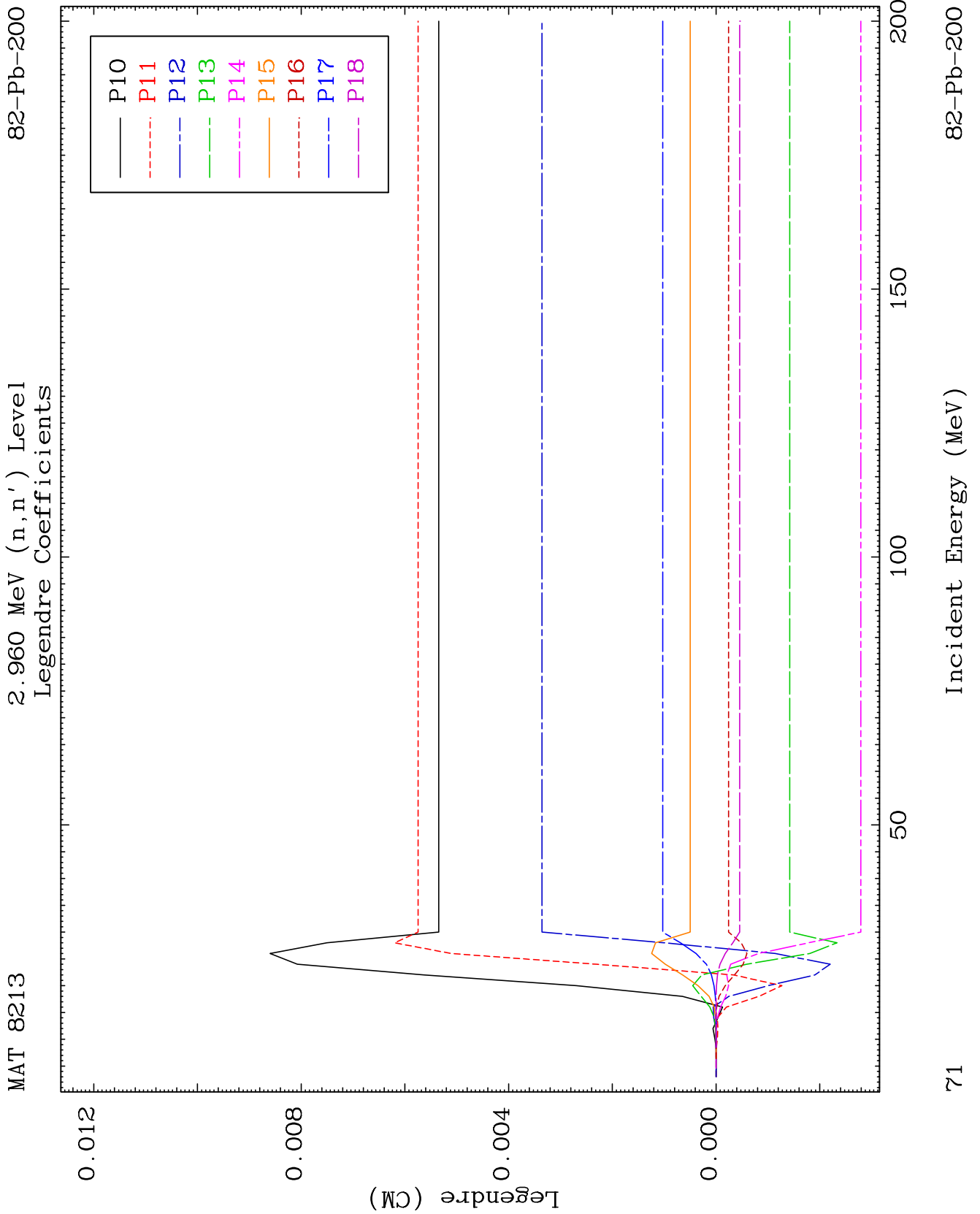
82-Pb-200



70

Incident Energy (MeV)

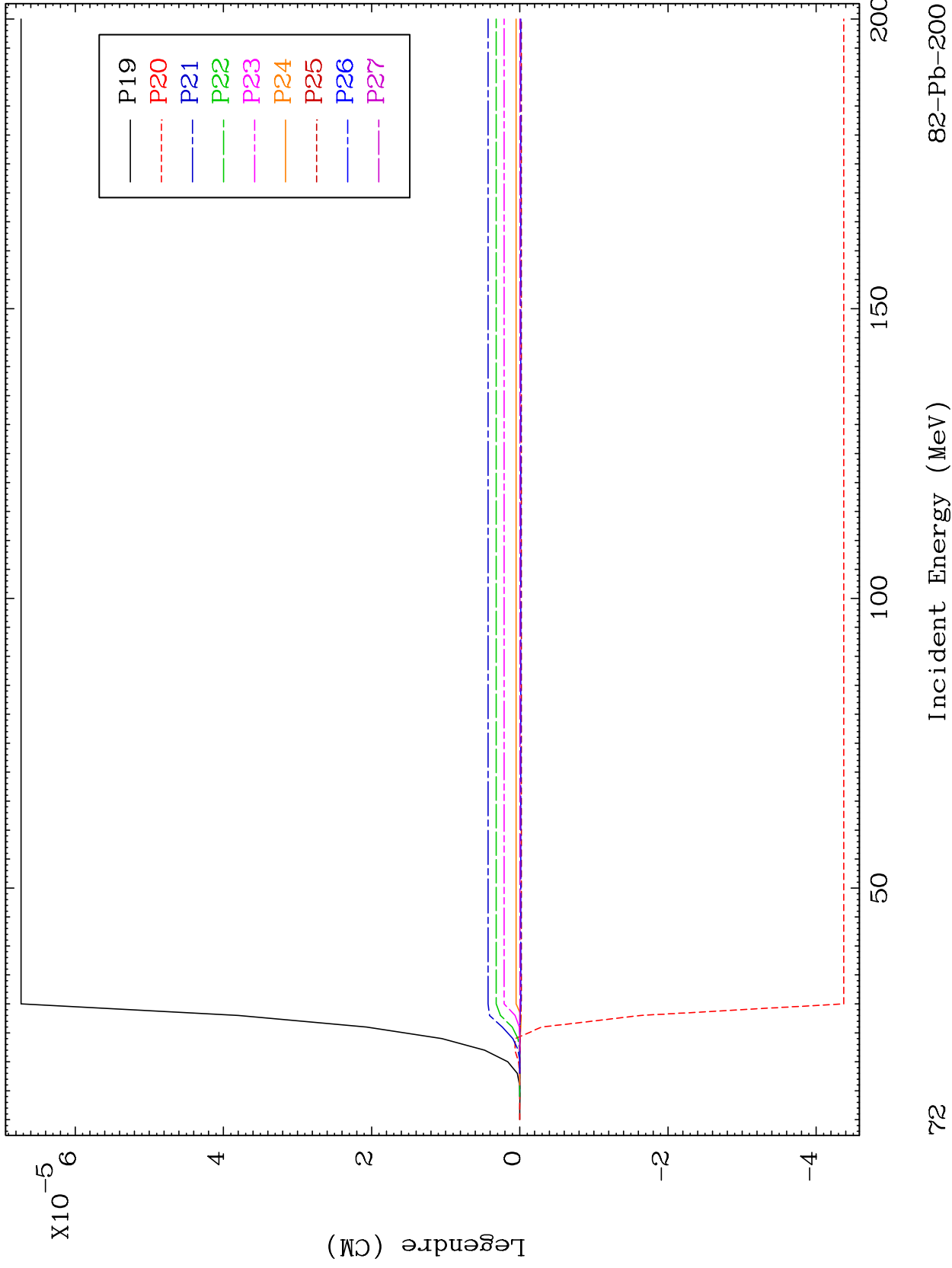
82-Pb-200



MAT 8213

2.960 MeV (n,n') Level
Legendre Coefficients

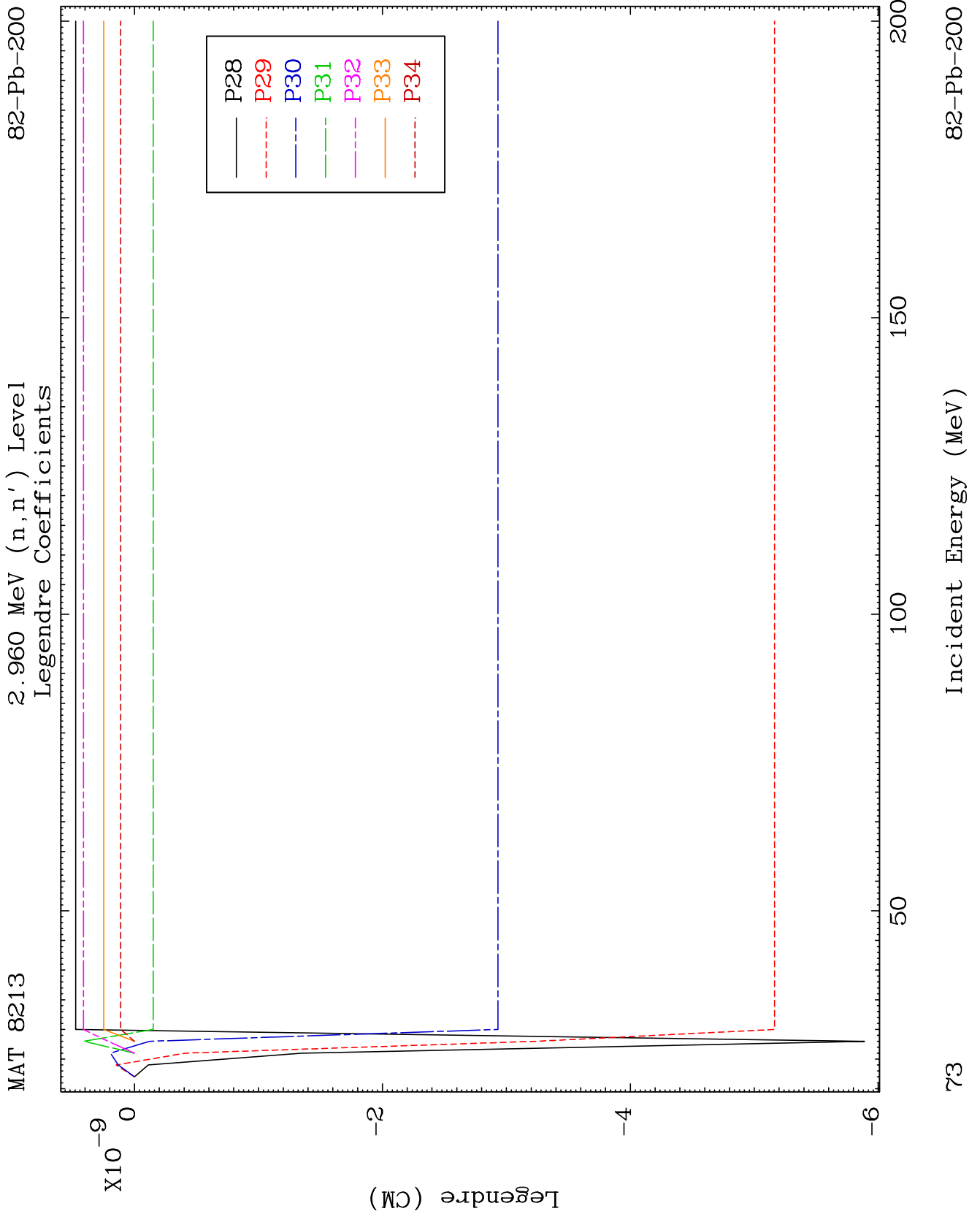
82-Pb-200

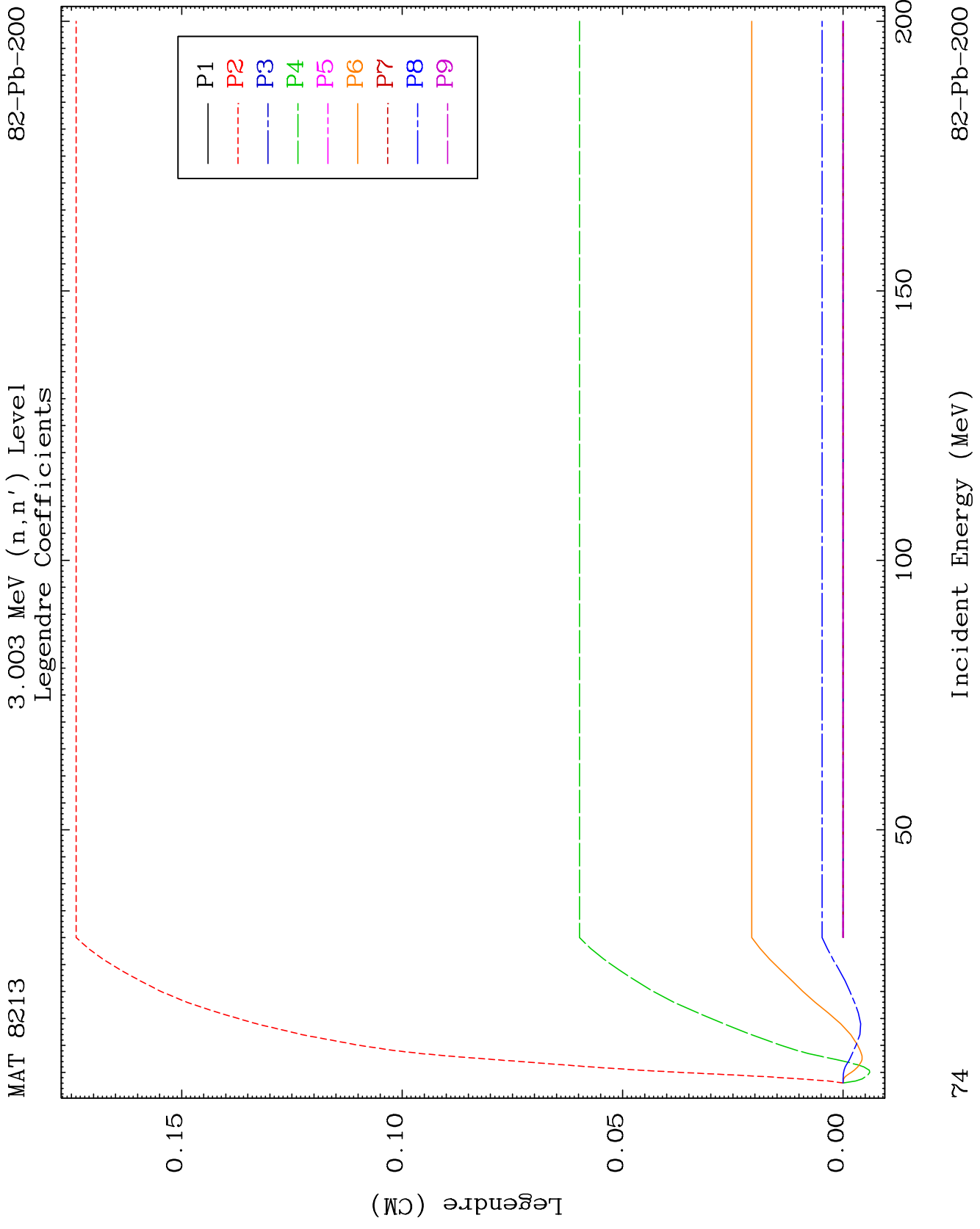


72

Incident Energy (MeV)

82-Pb-200

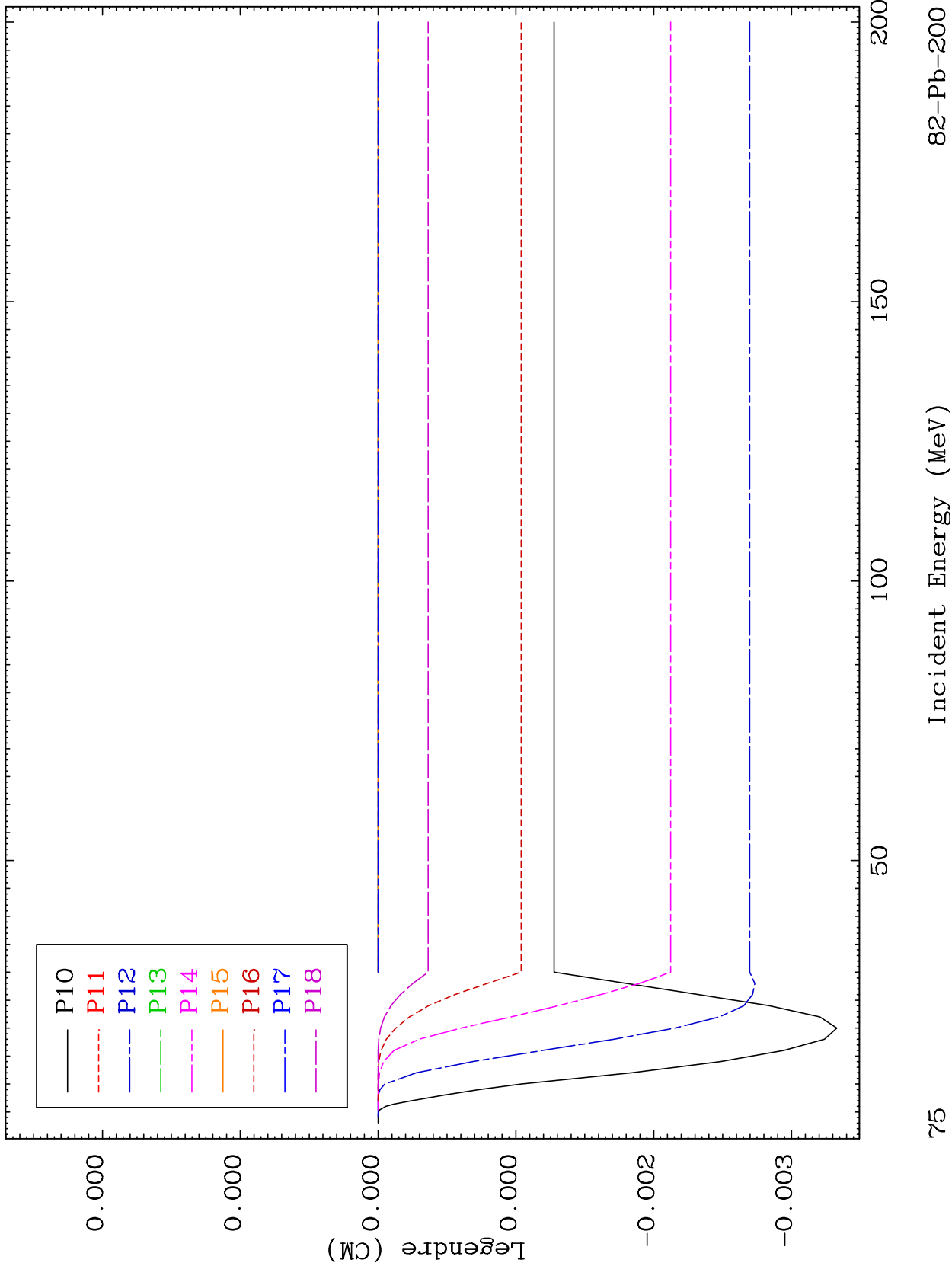




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3.003 MeV (n,n') Level Legendre Coefficients

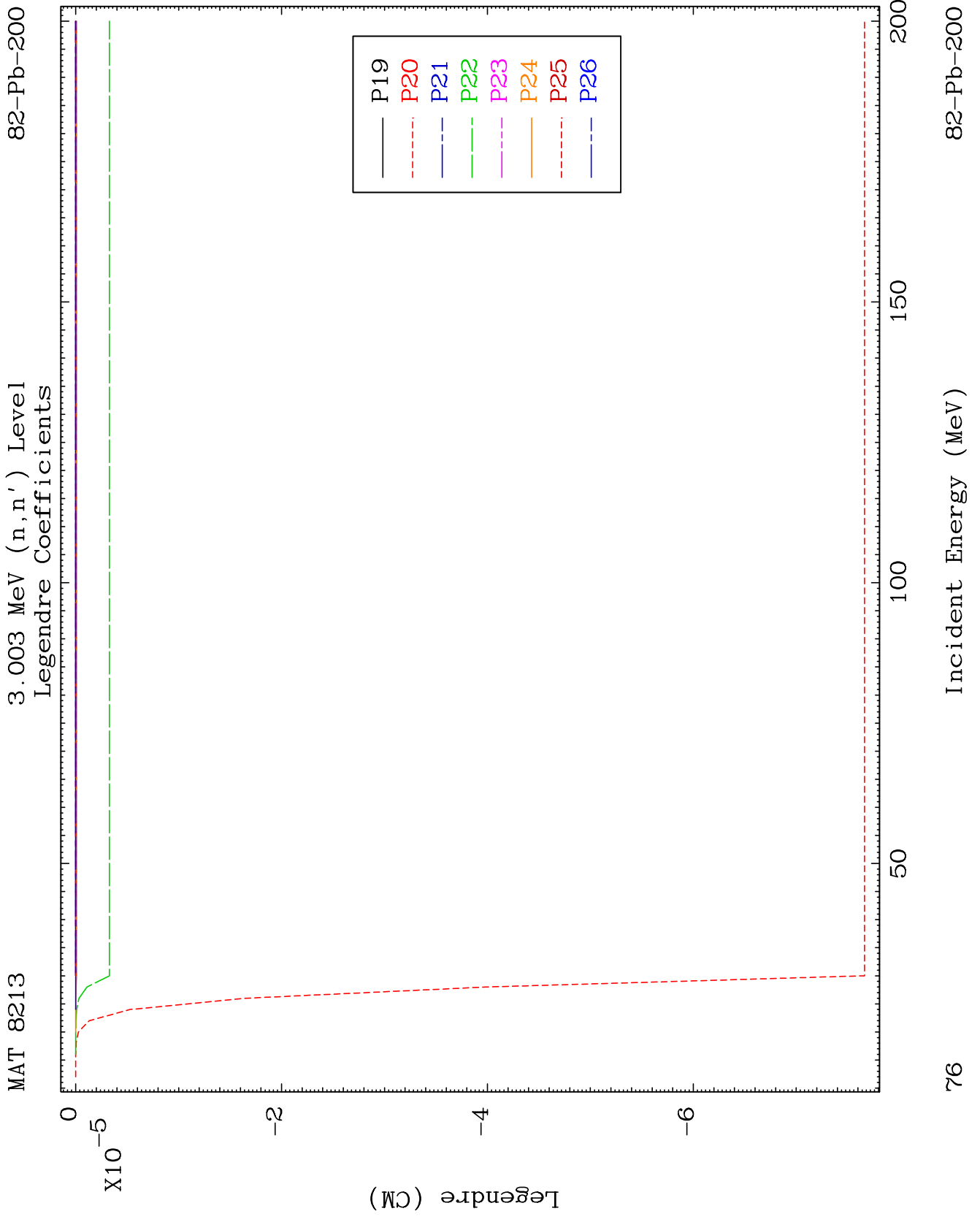
82-Pb-200



75

Incident Energy (MeV)

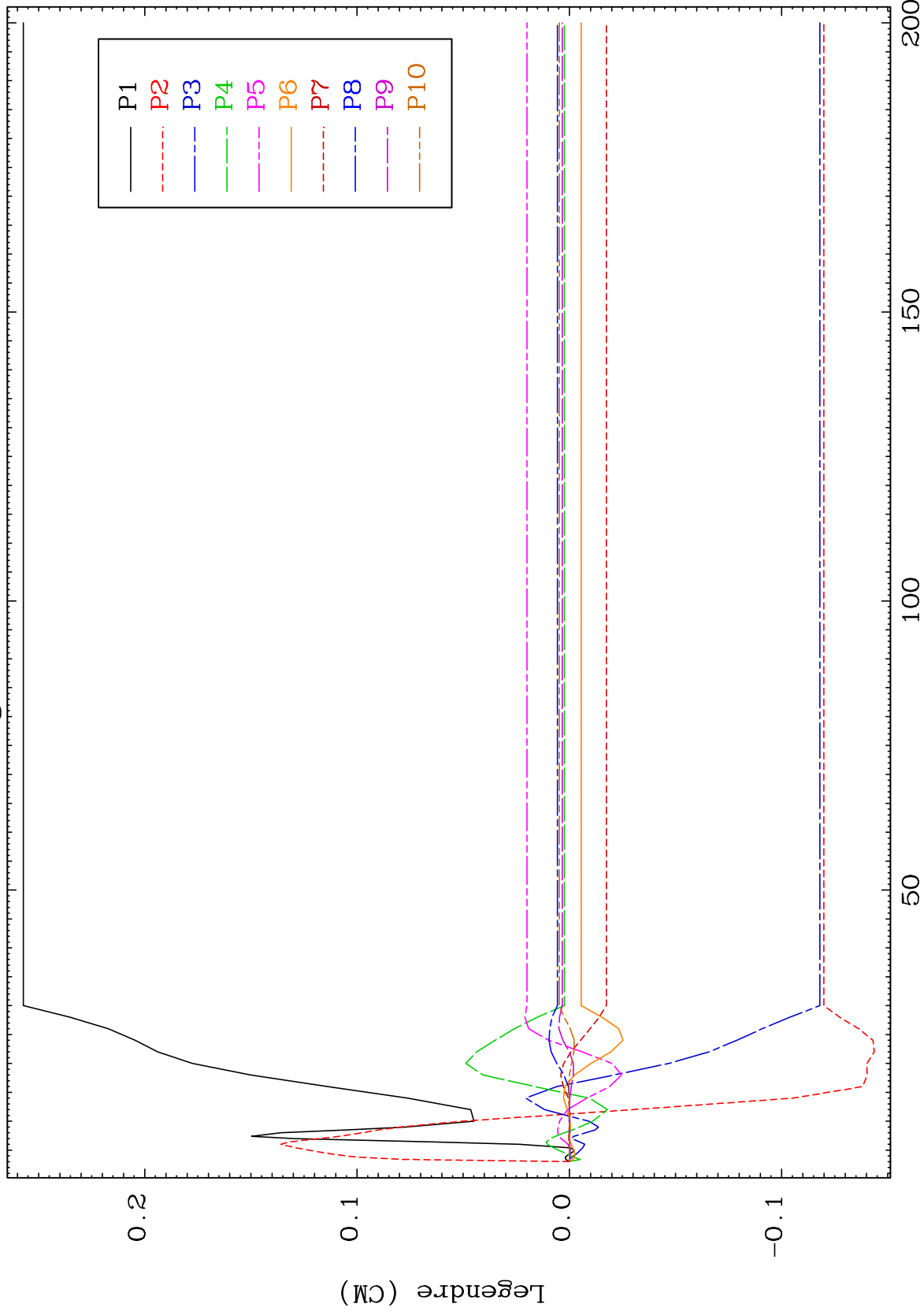
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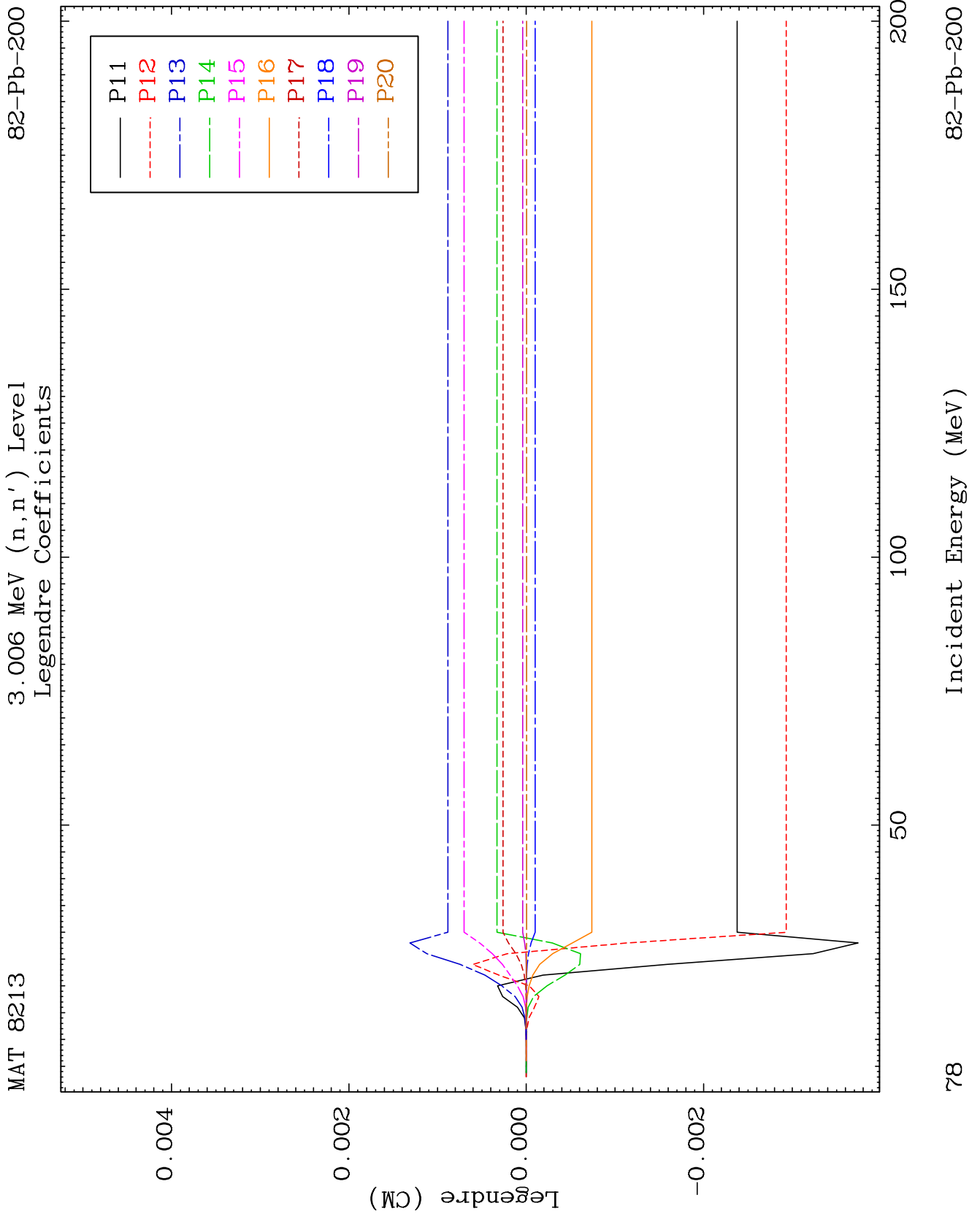


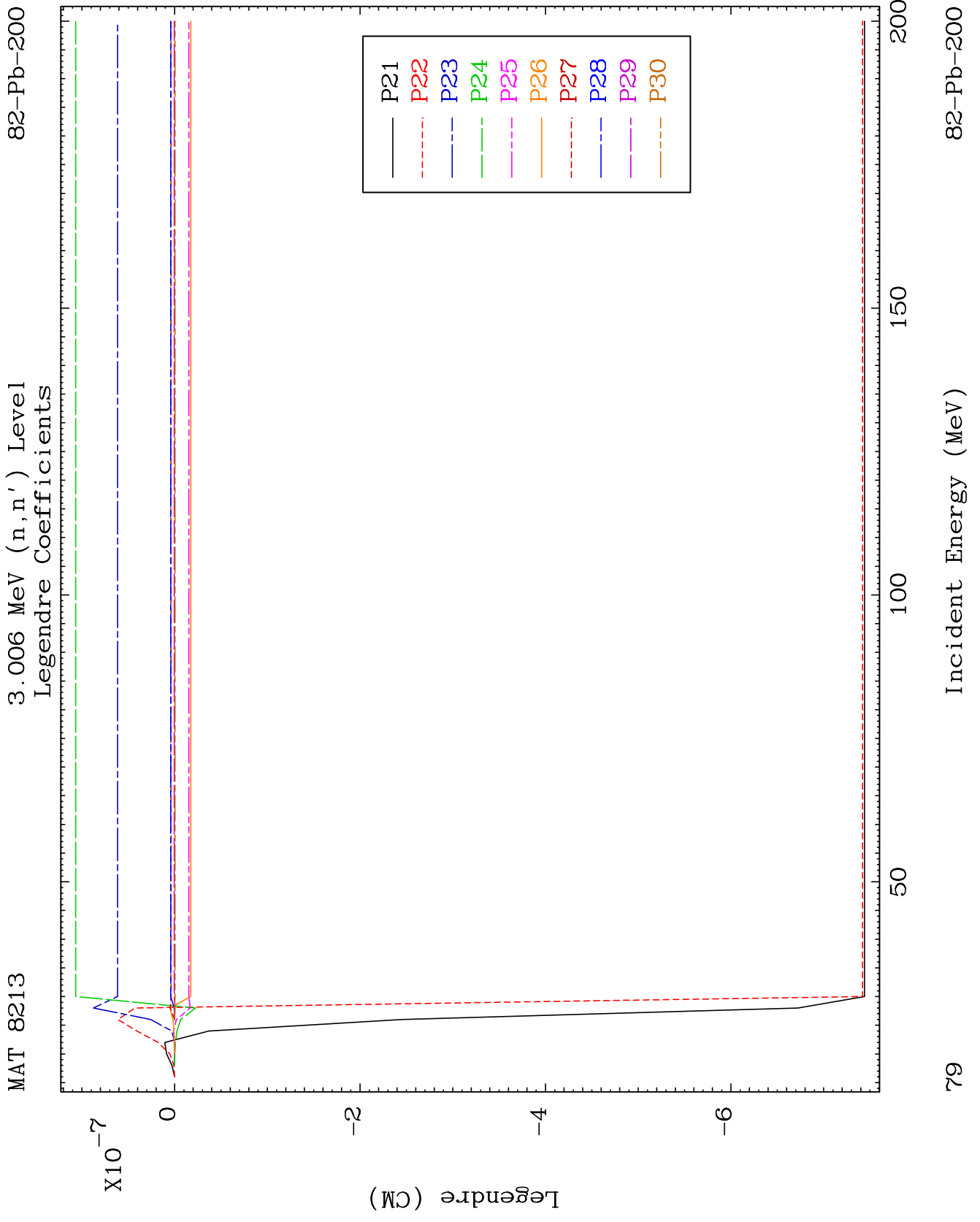
MAT 8213

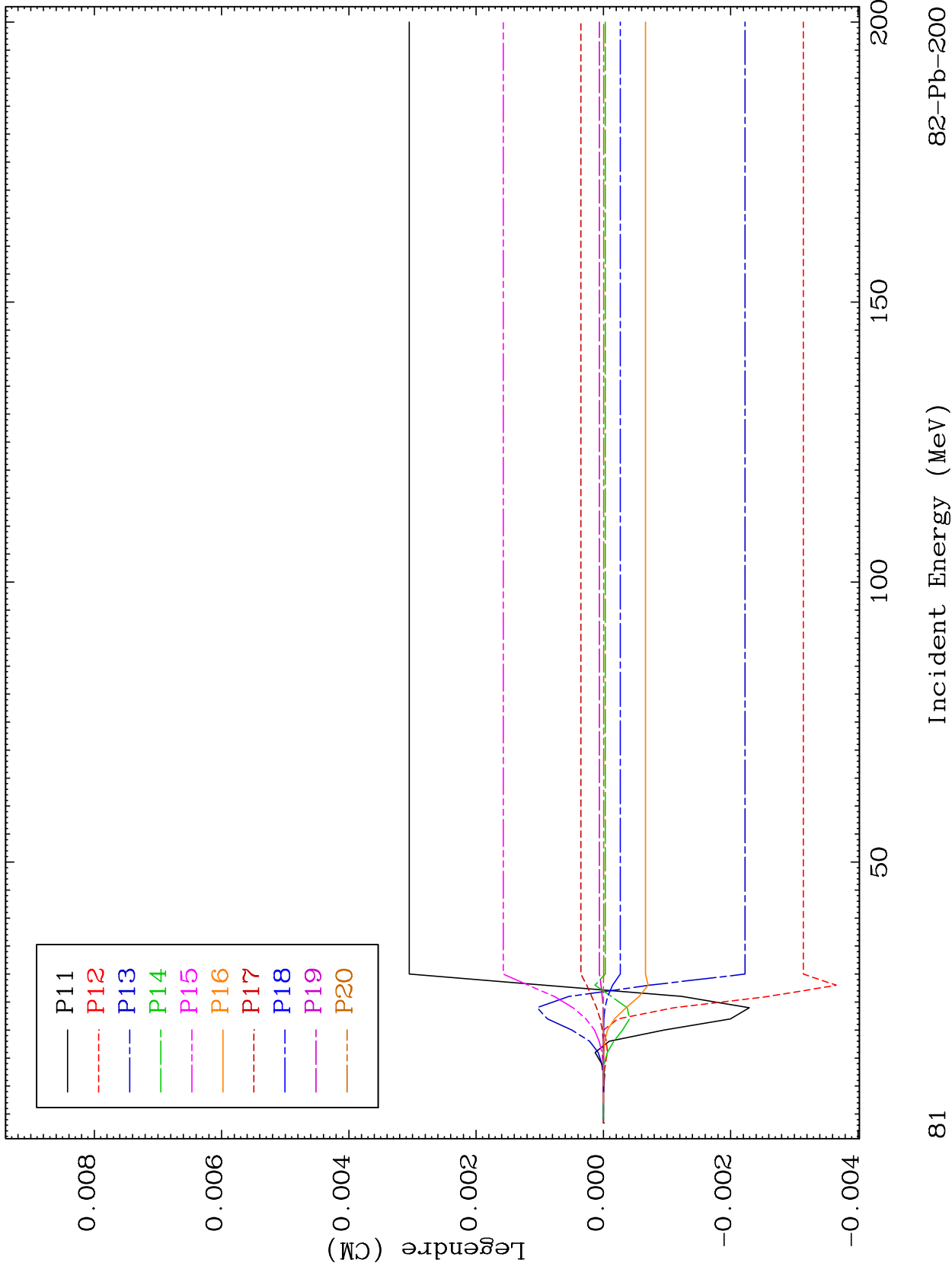
3.006 MeV (n,n') Level
Legendre Coefficients

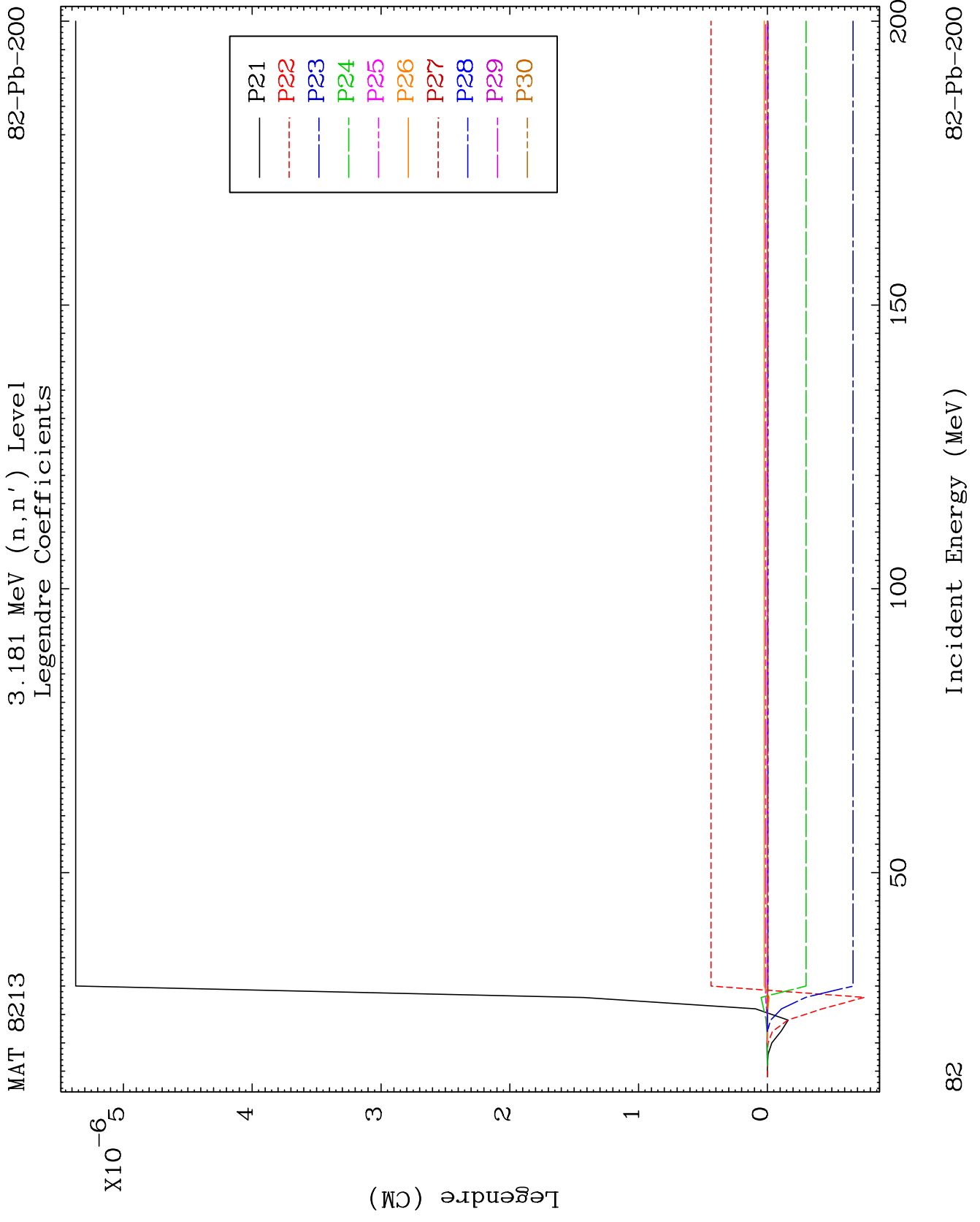
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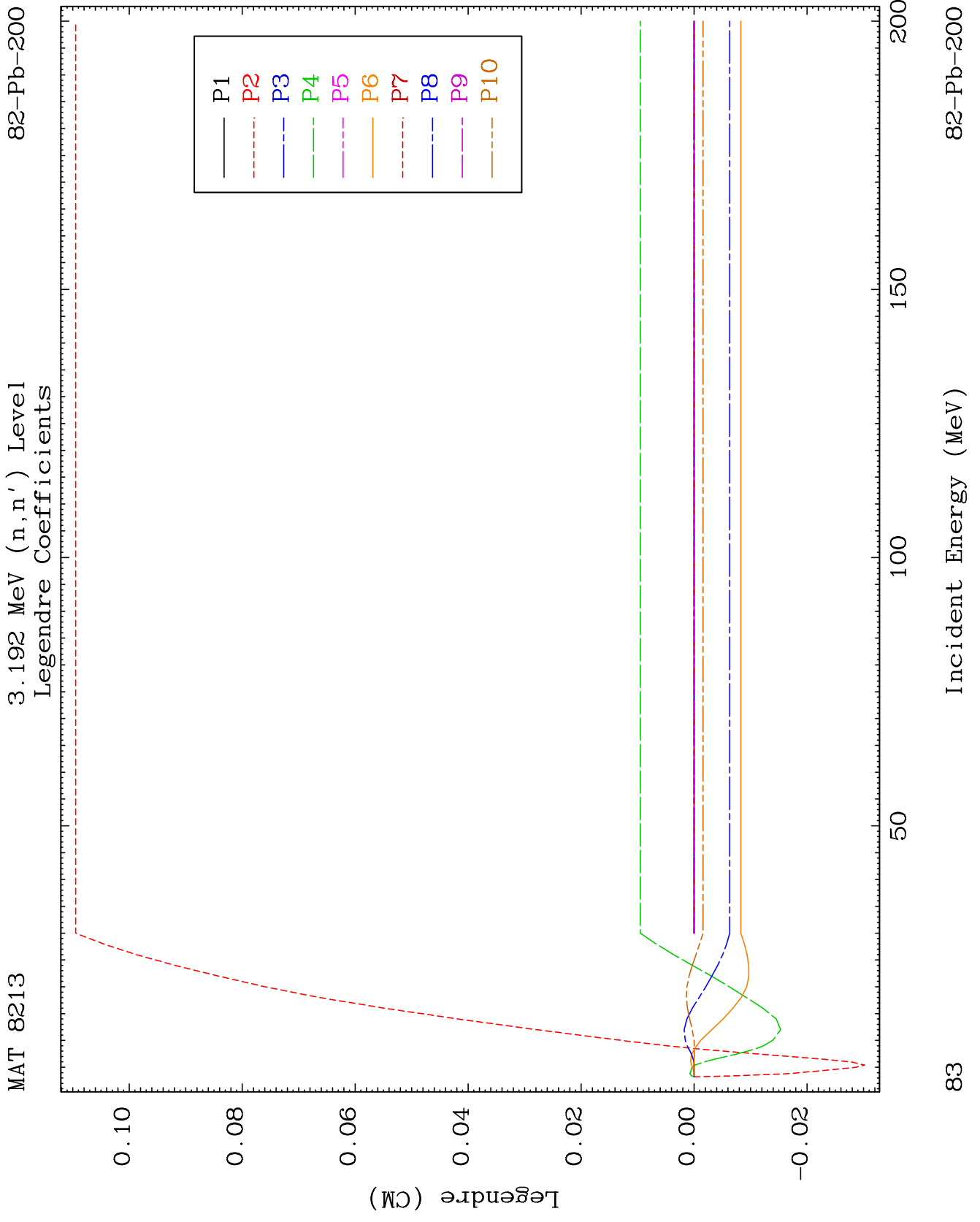


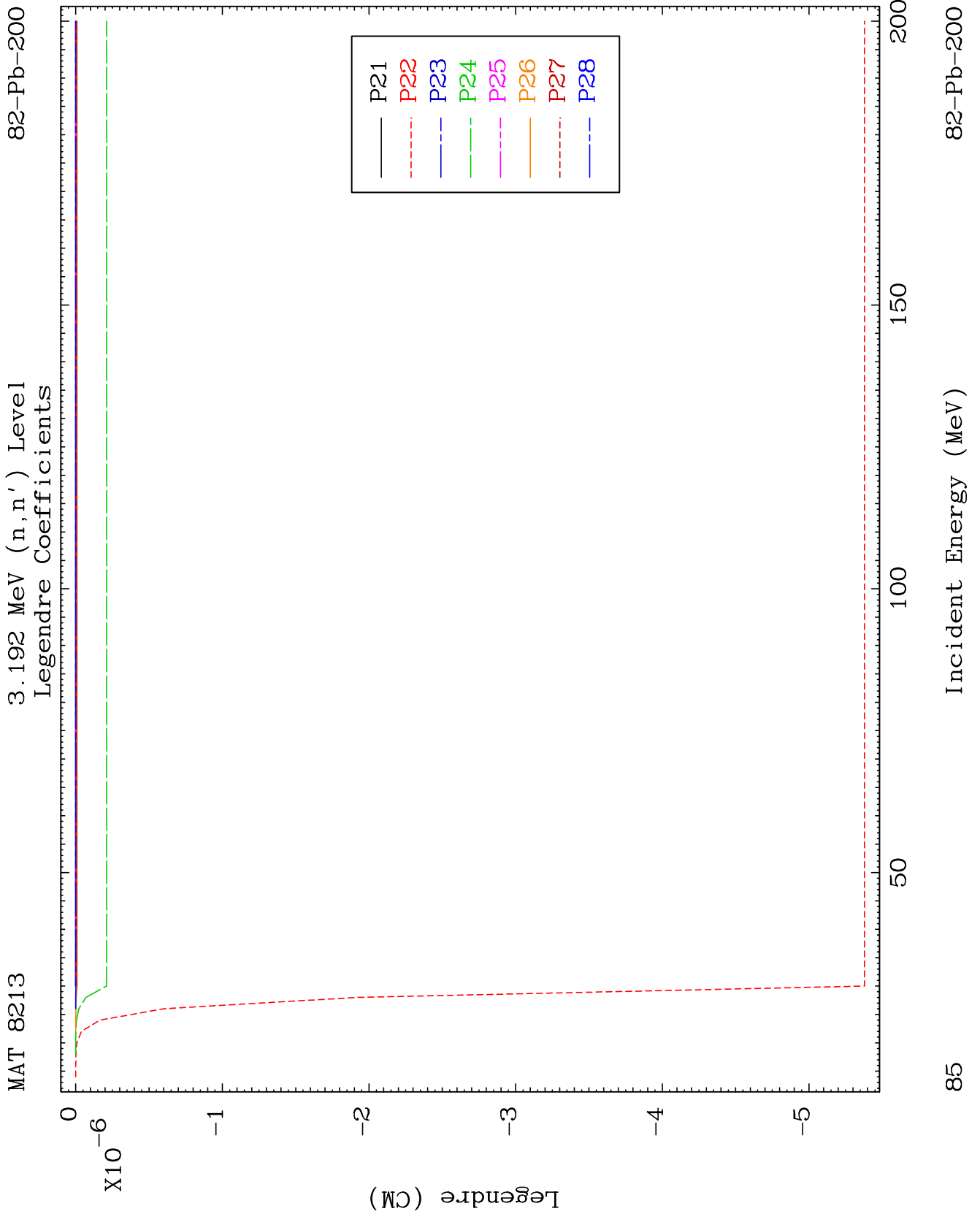


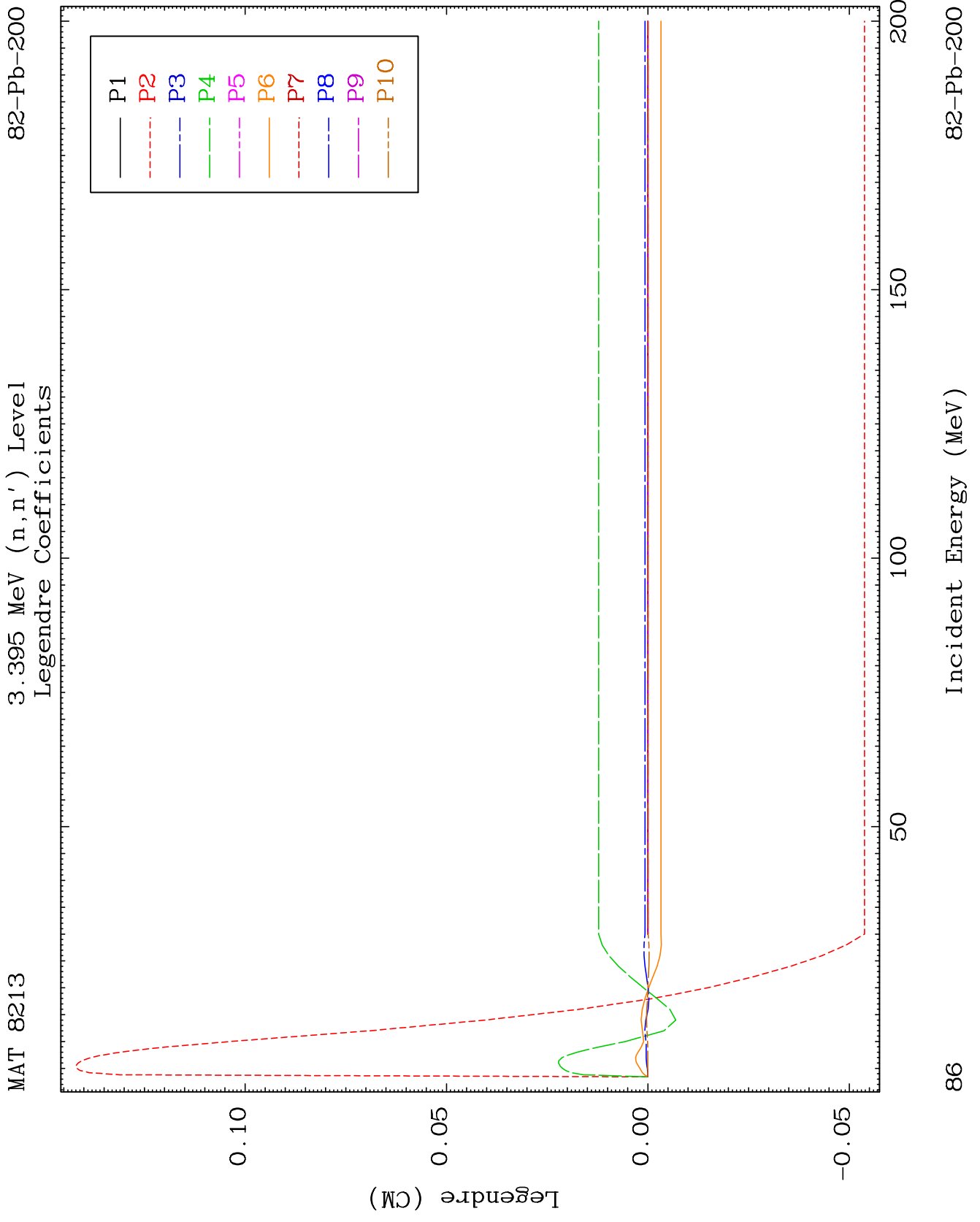


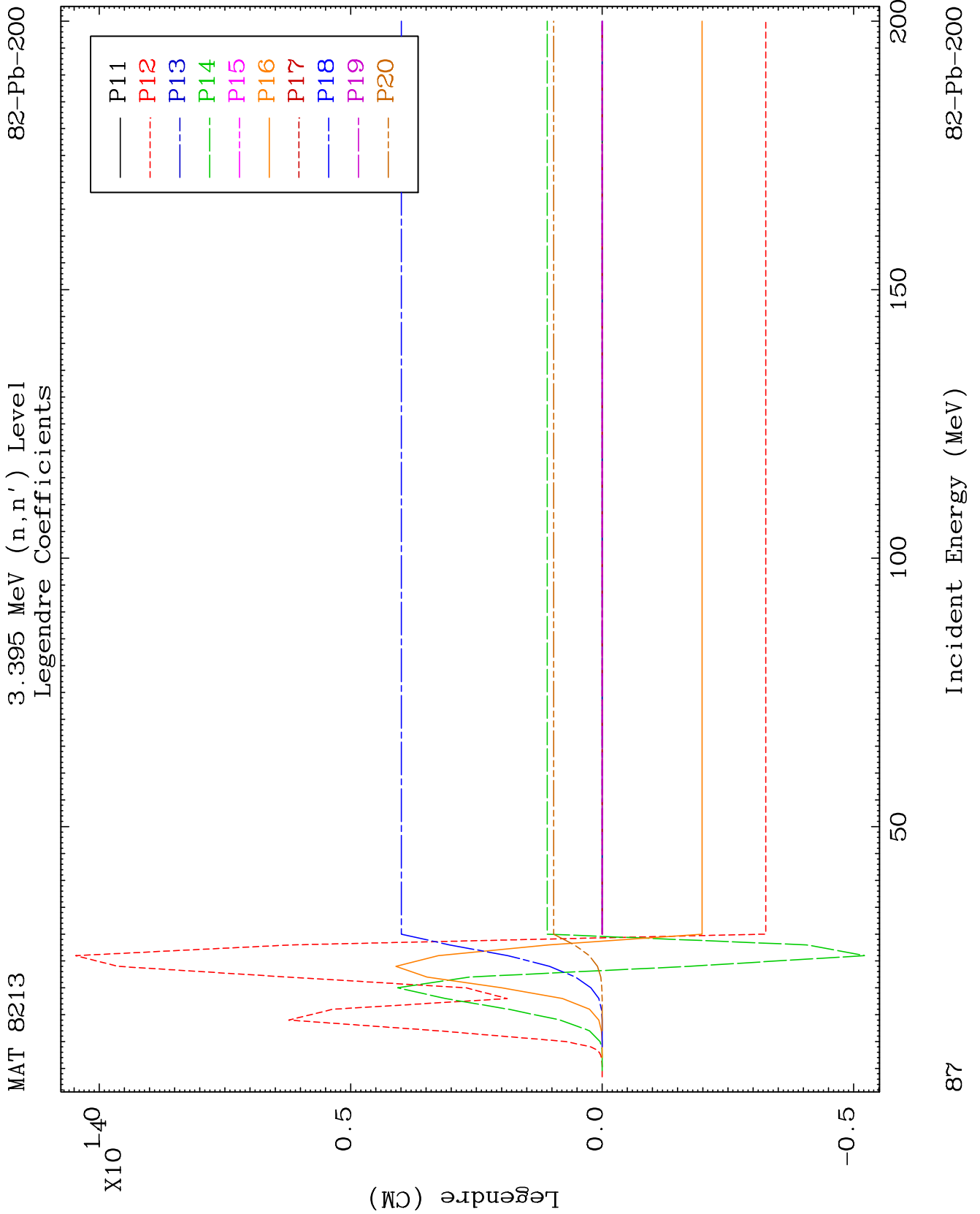


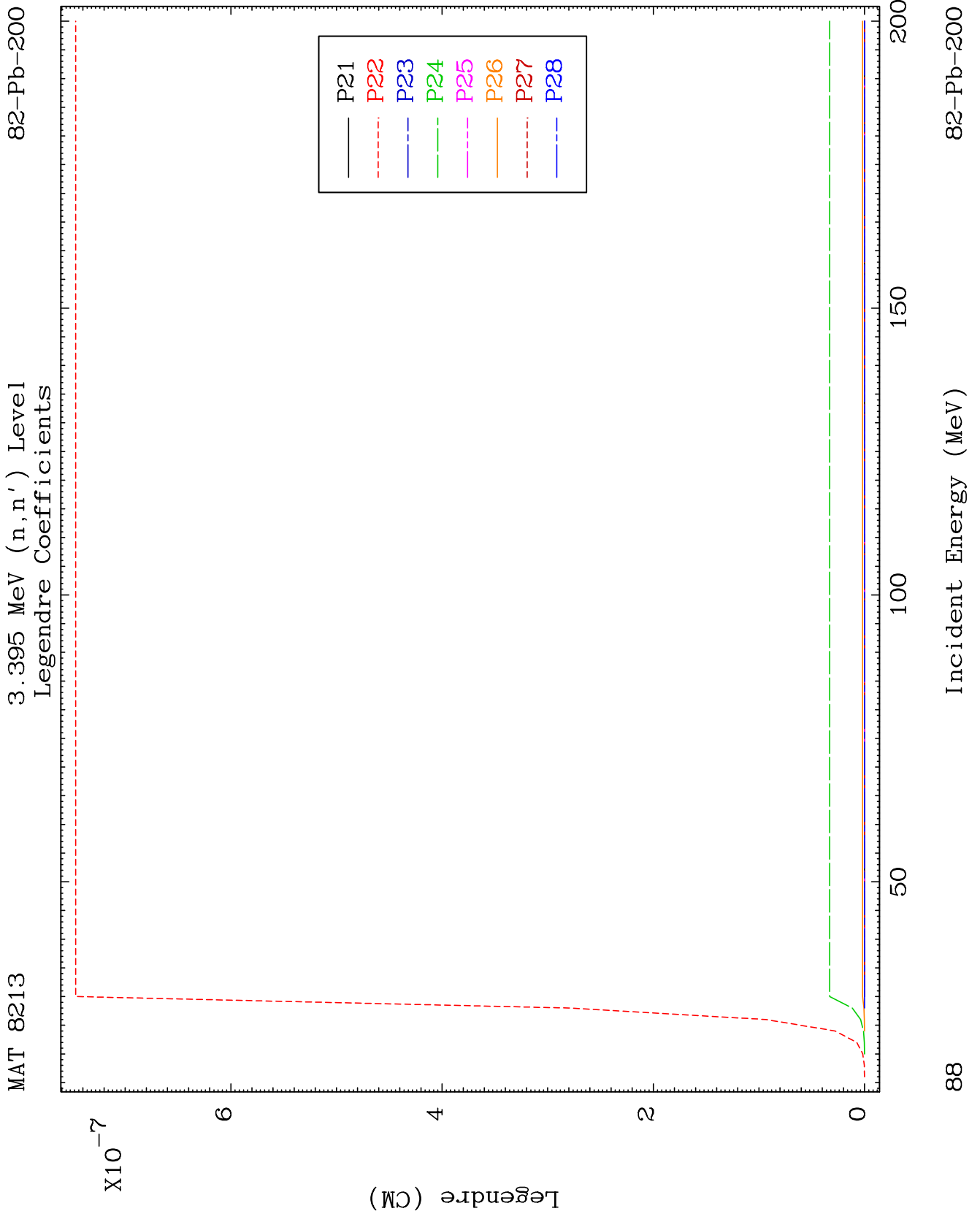


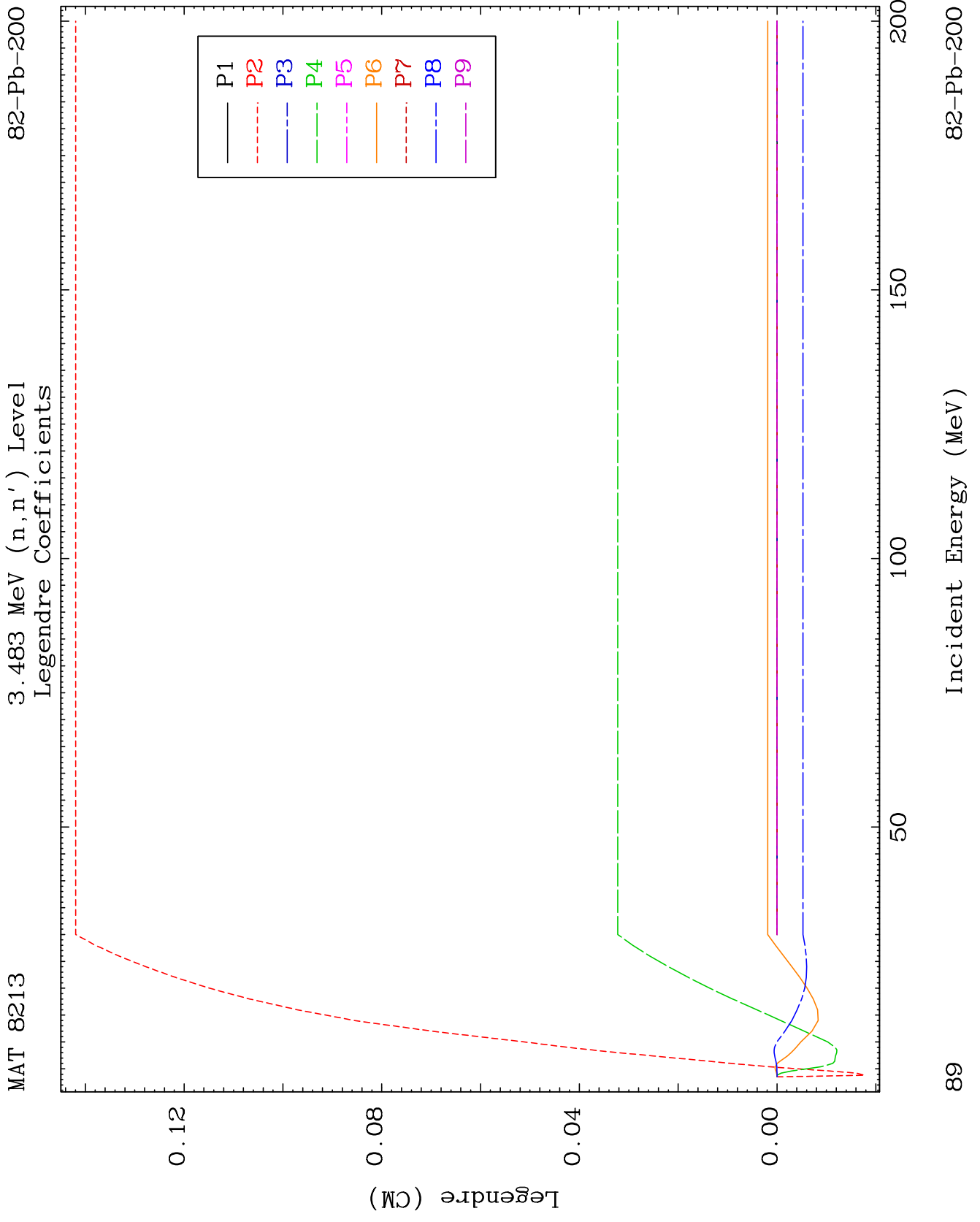










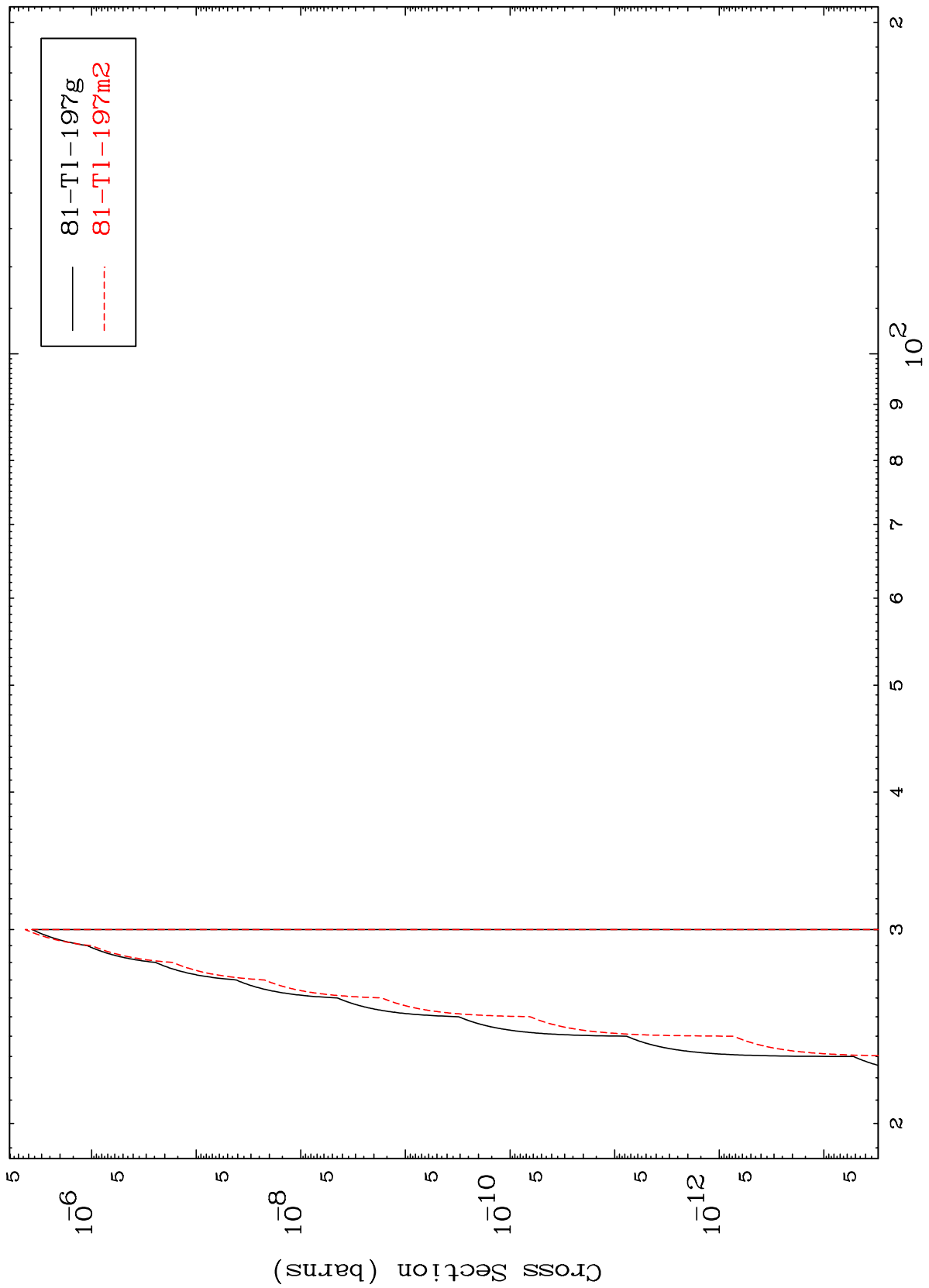


MAT 8213

(n,2n) d

82-Pb-200

Radionuclide Production Cross Section



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

92

Incident Energy (MeV)

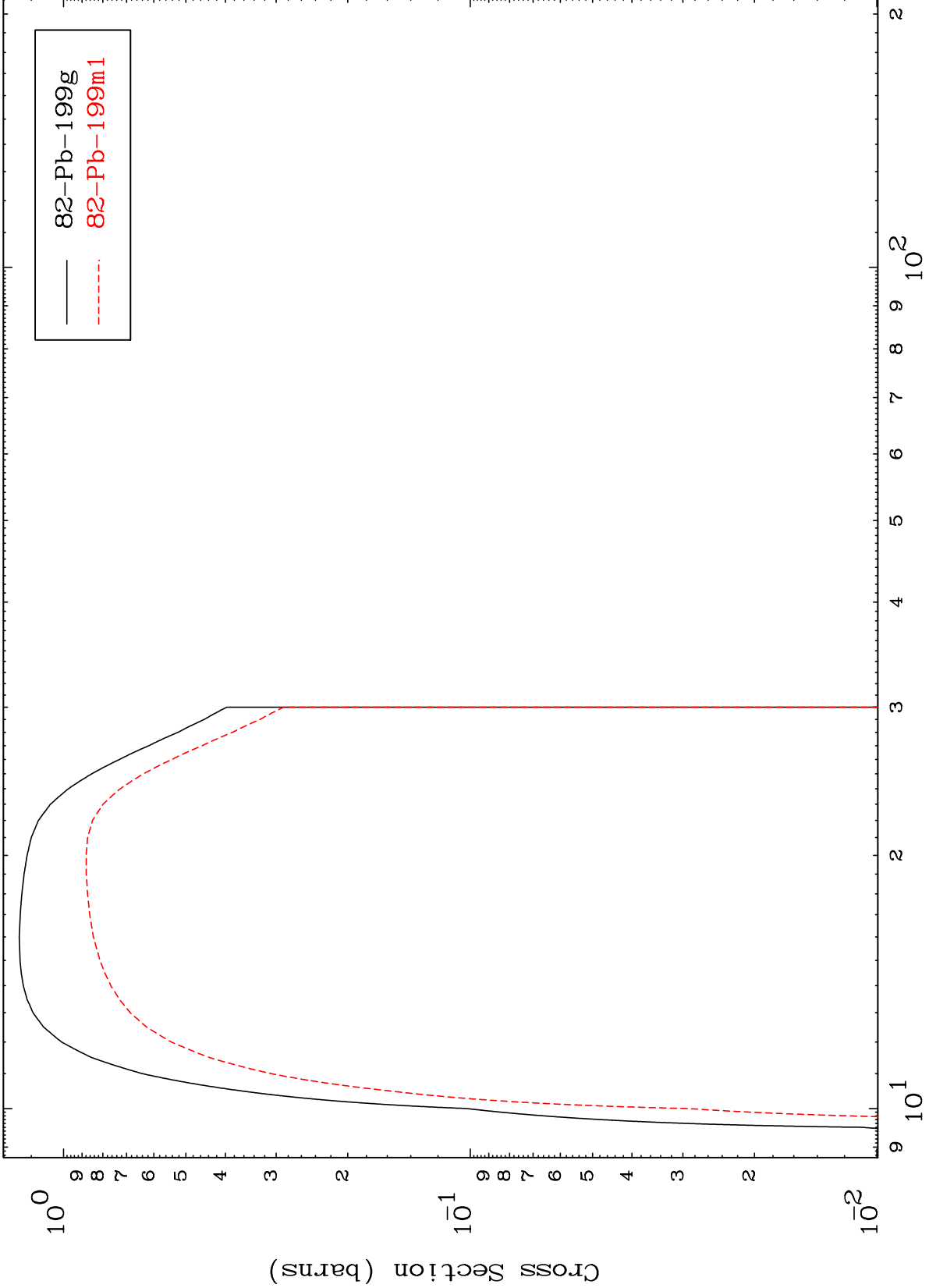
82-Pb-200

MAT 8213

82-Pb-200

(n,2n)

Radionuclide Production Cross Section



93

Incident Energy (MeV)

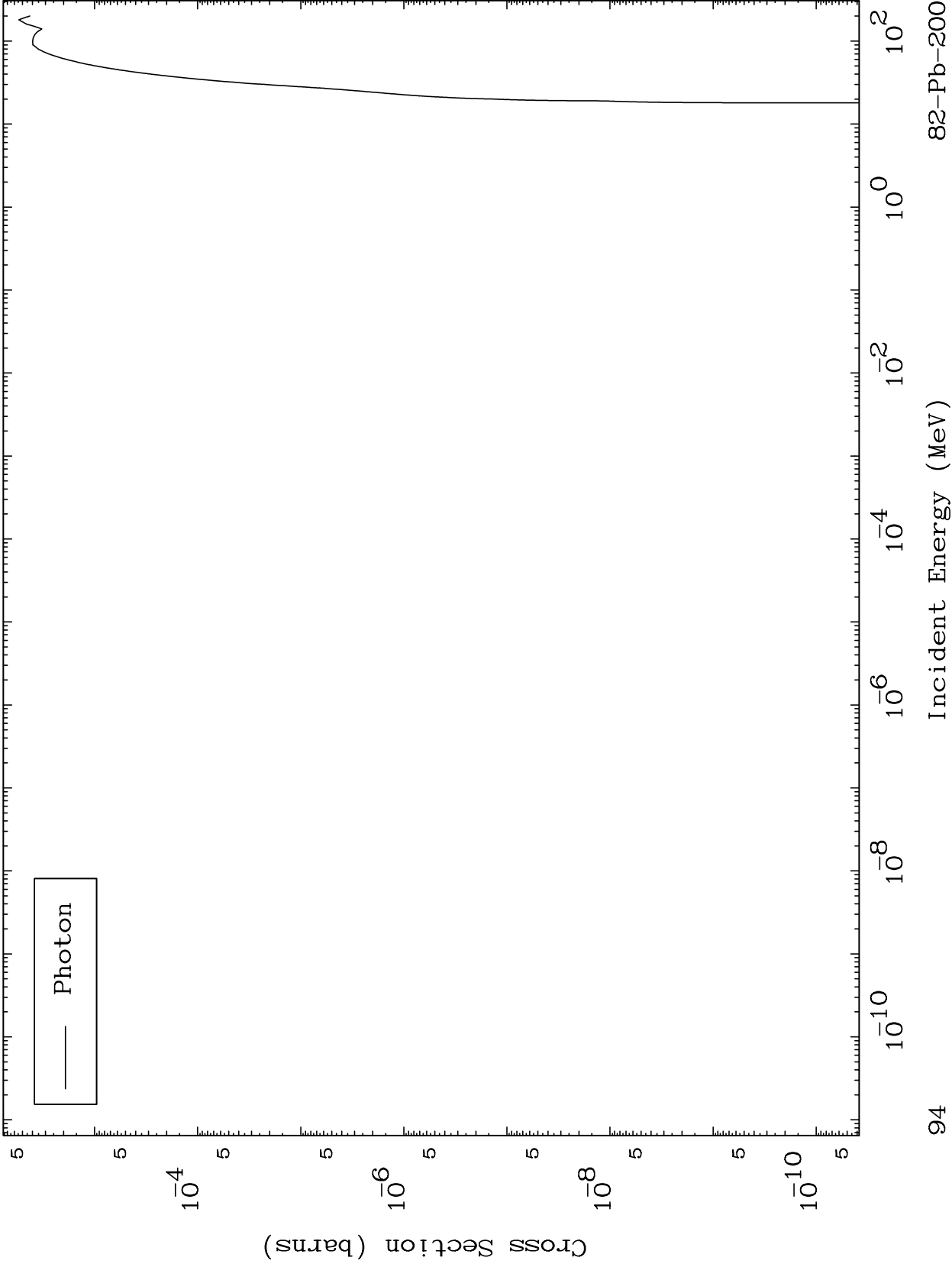
82-Pb-200

MAT 8213

Fission

82-Pb-200

Radionuclide Production Cross Section

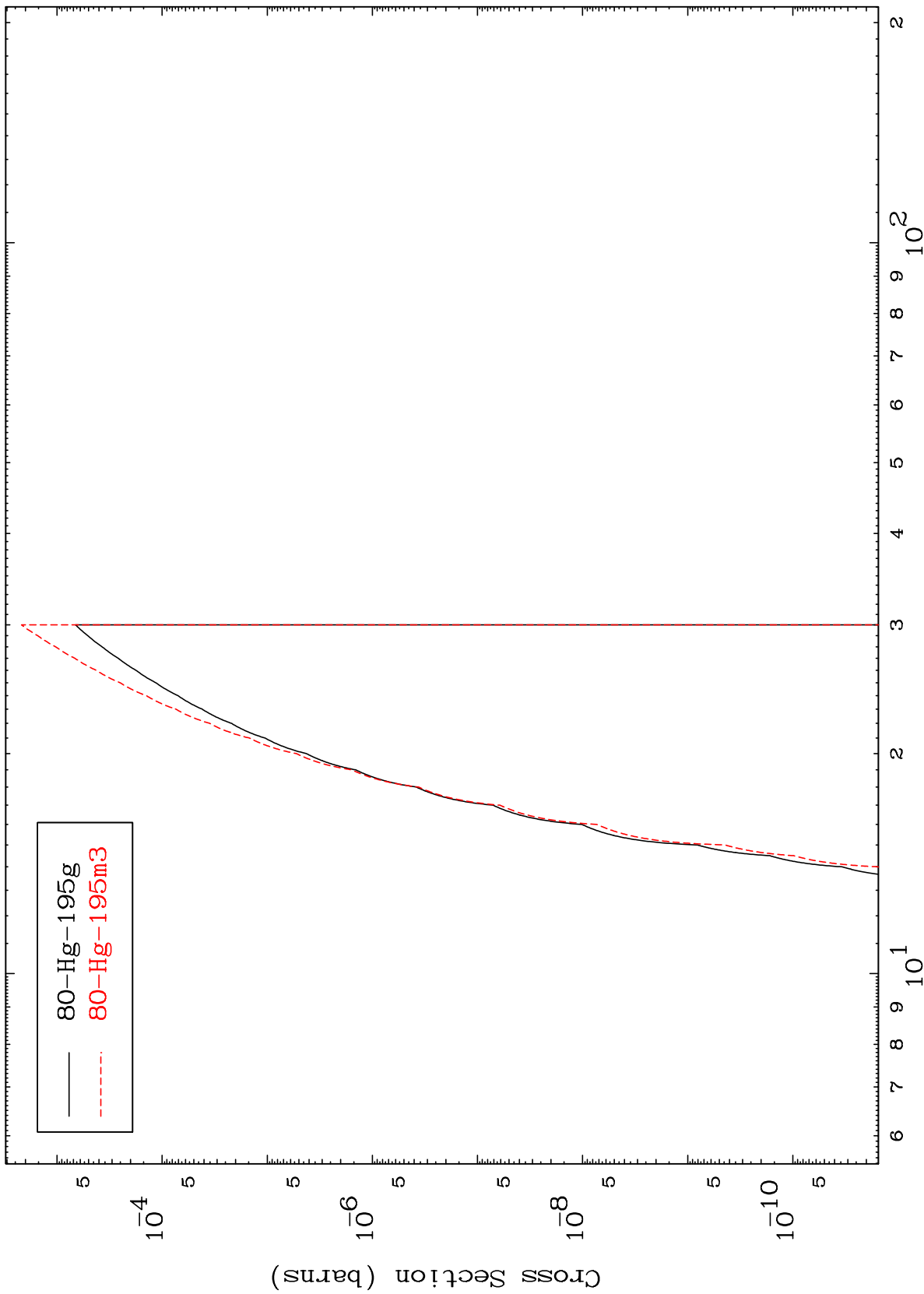


MAT 8213

$(n,2n) \alpha$

82-Pb-200

Radionuclide Production Cross Section

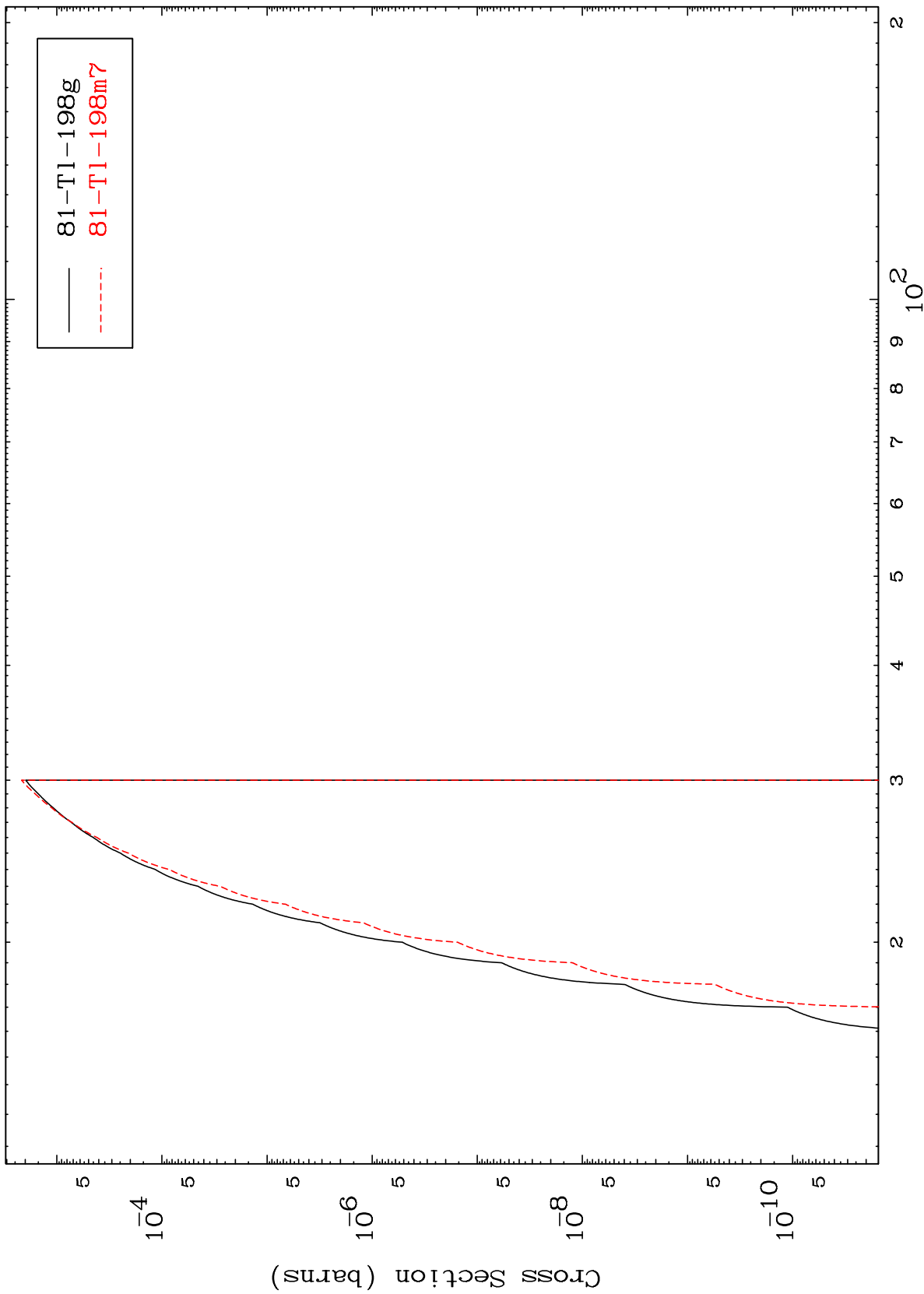


95

Incident Energy (MeV)

82-Pb-200

Radionuclide Production Cross Section

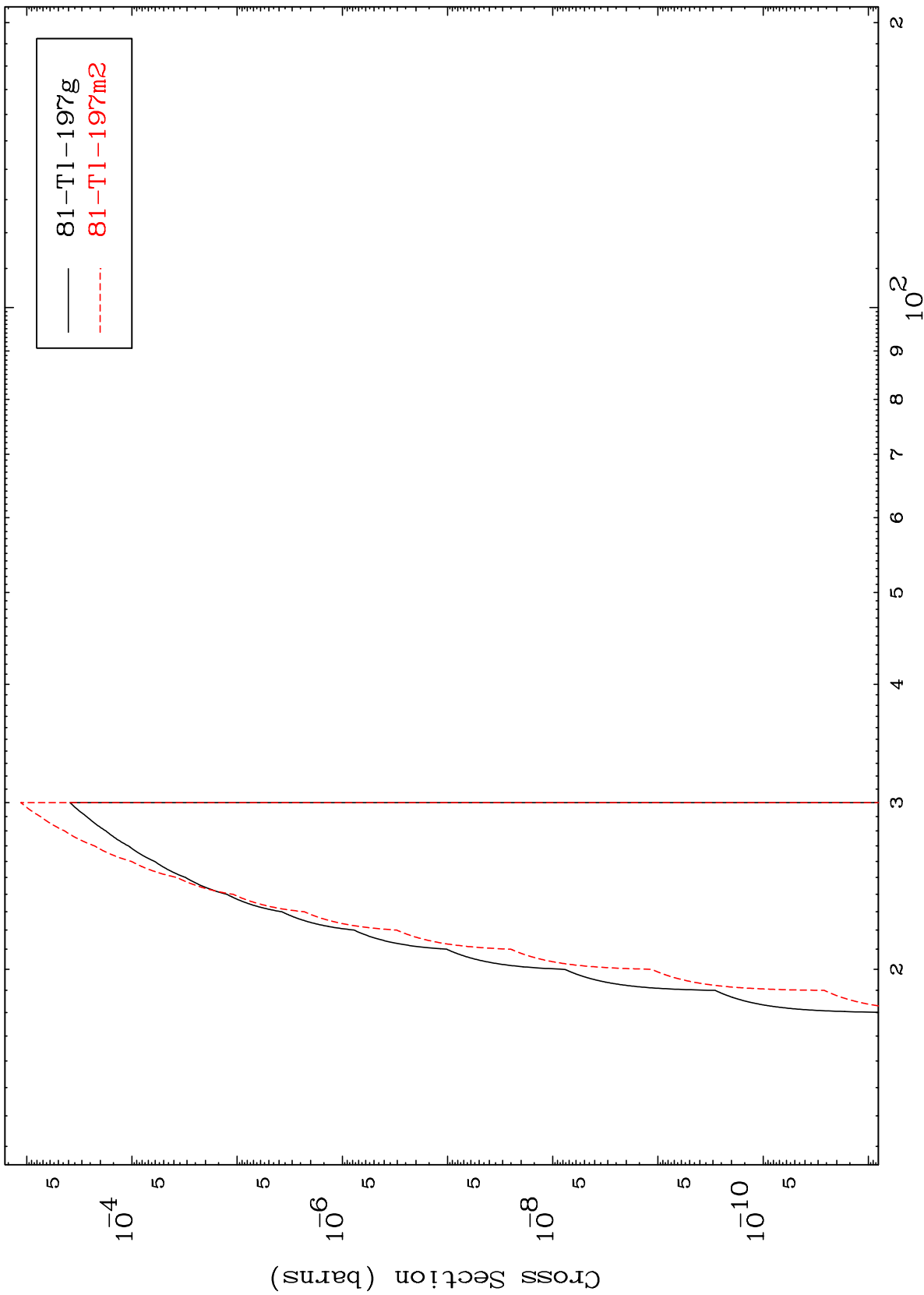


MAT 8213

(n,n') t

82-Pb-200

Radionuclide Production Cross Section



97

Incident Energy (MeV)

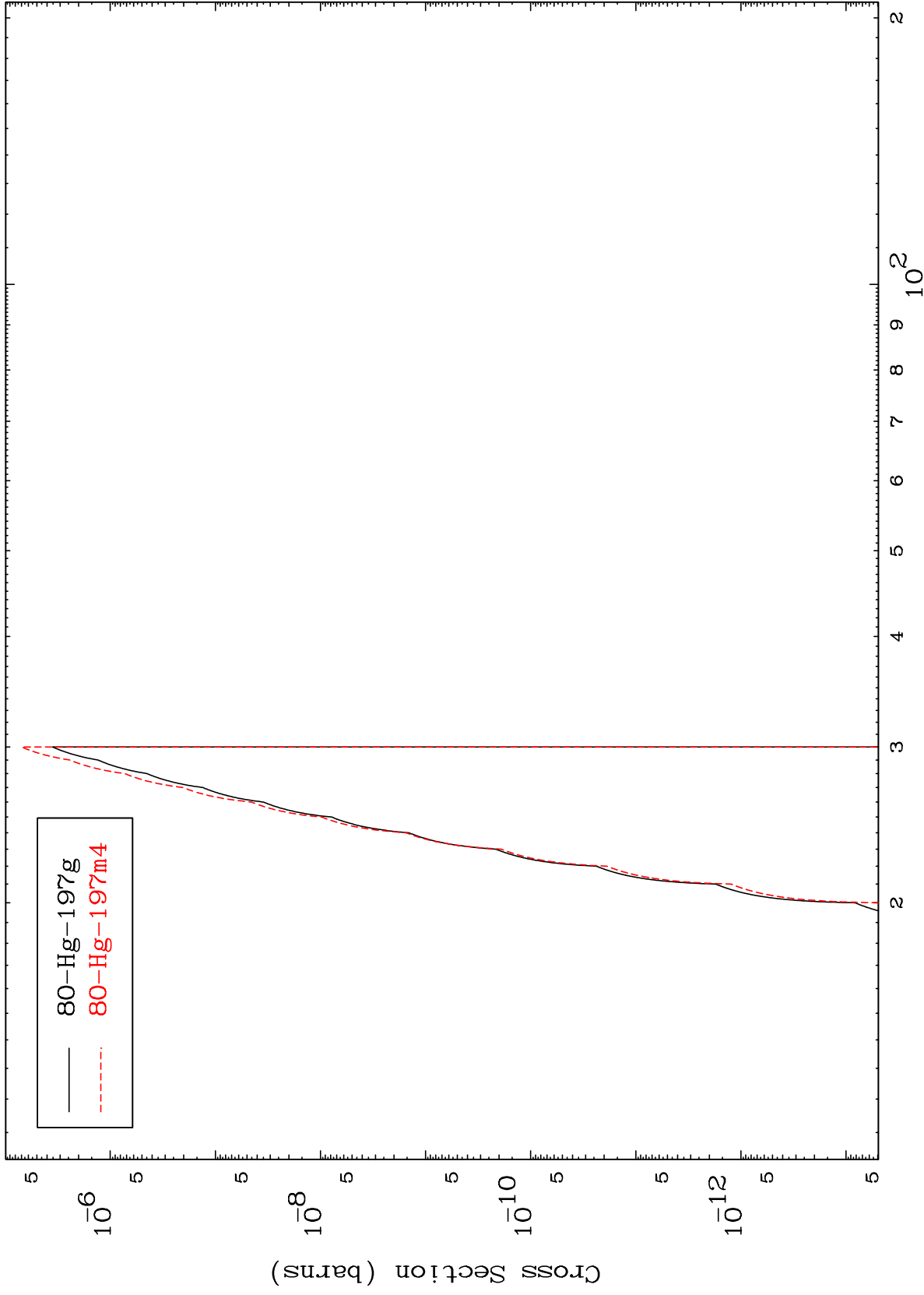
82-Pb-200

MAT 8213

(n,n') He-3

82-Pb-200

Radionuclide Production Cross Section



98

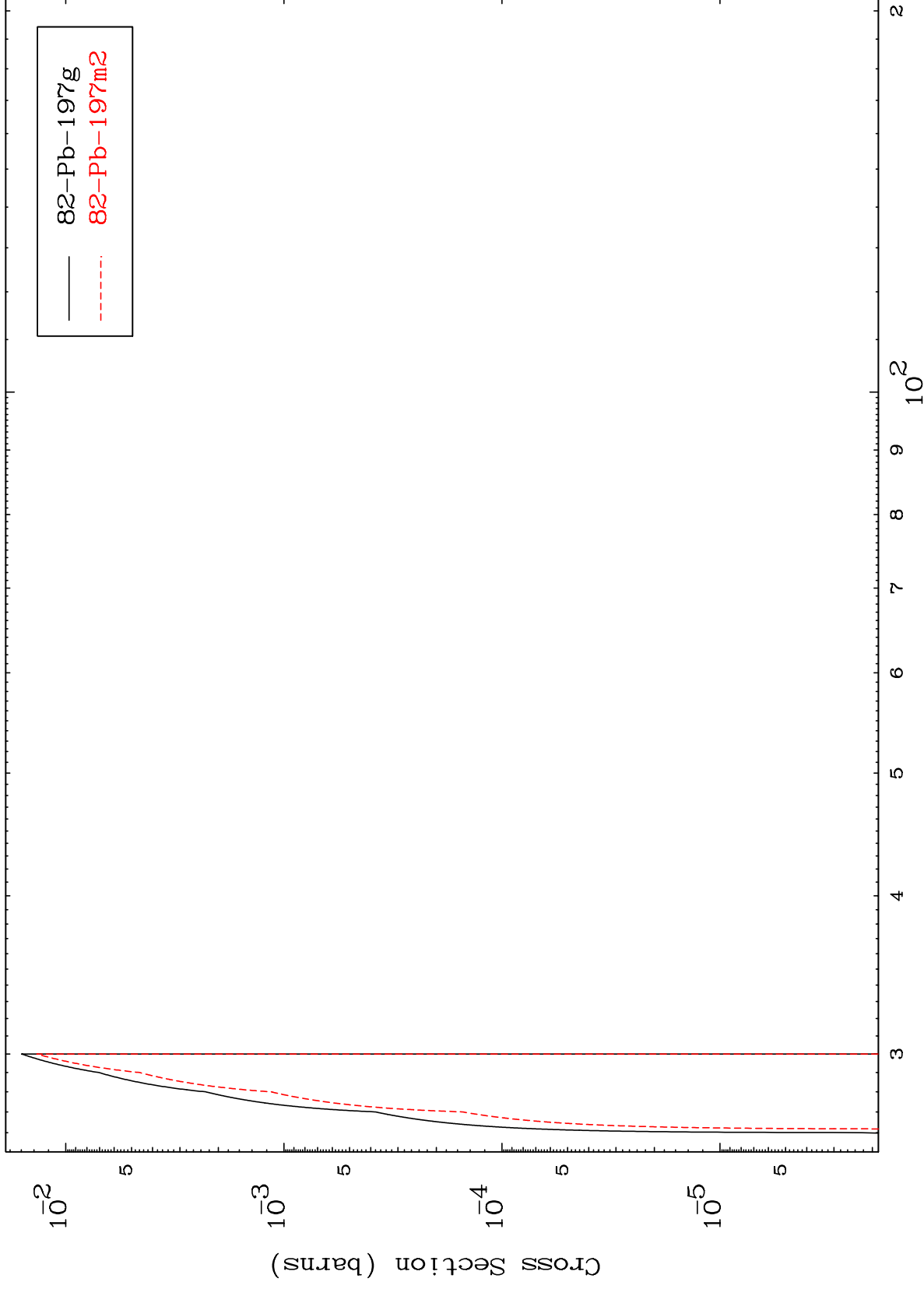
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

(n,4n)
Radionuclide Production Cross Section



99

82-Pb-200

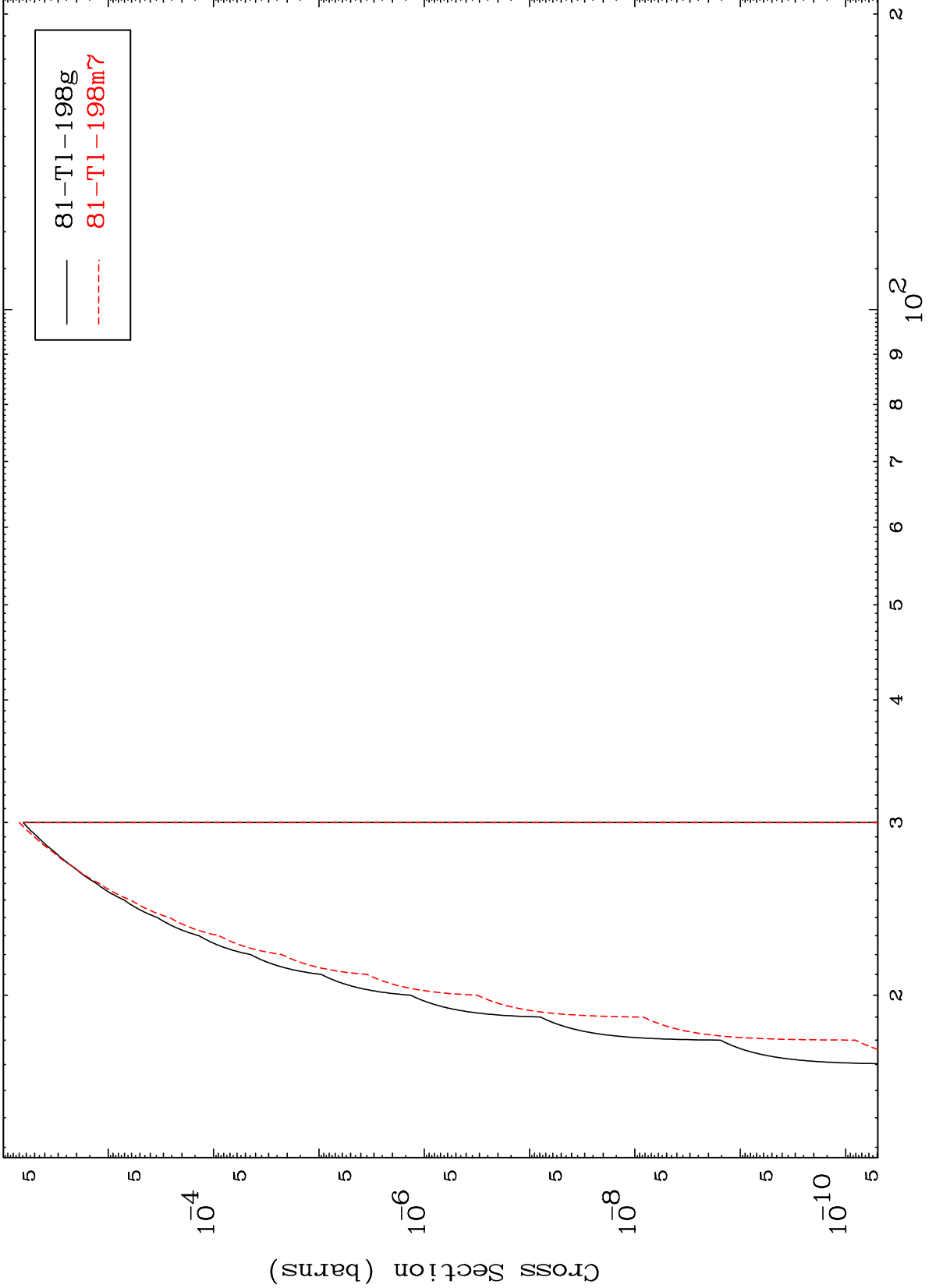
Incident Energy (MeV)

MAT 8213

(n,2n) p

82-Pb-200

Radionuclide Production Cross Section



100

Incident Energy (MeV)

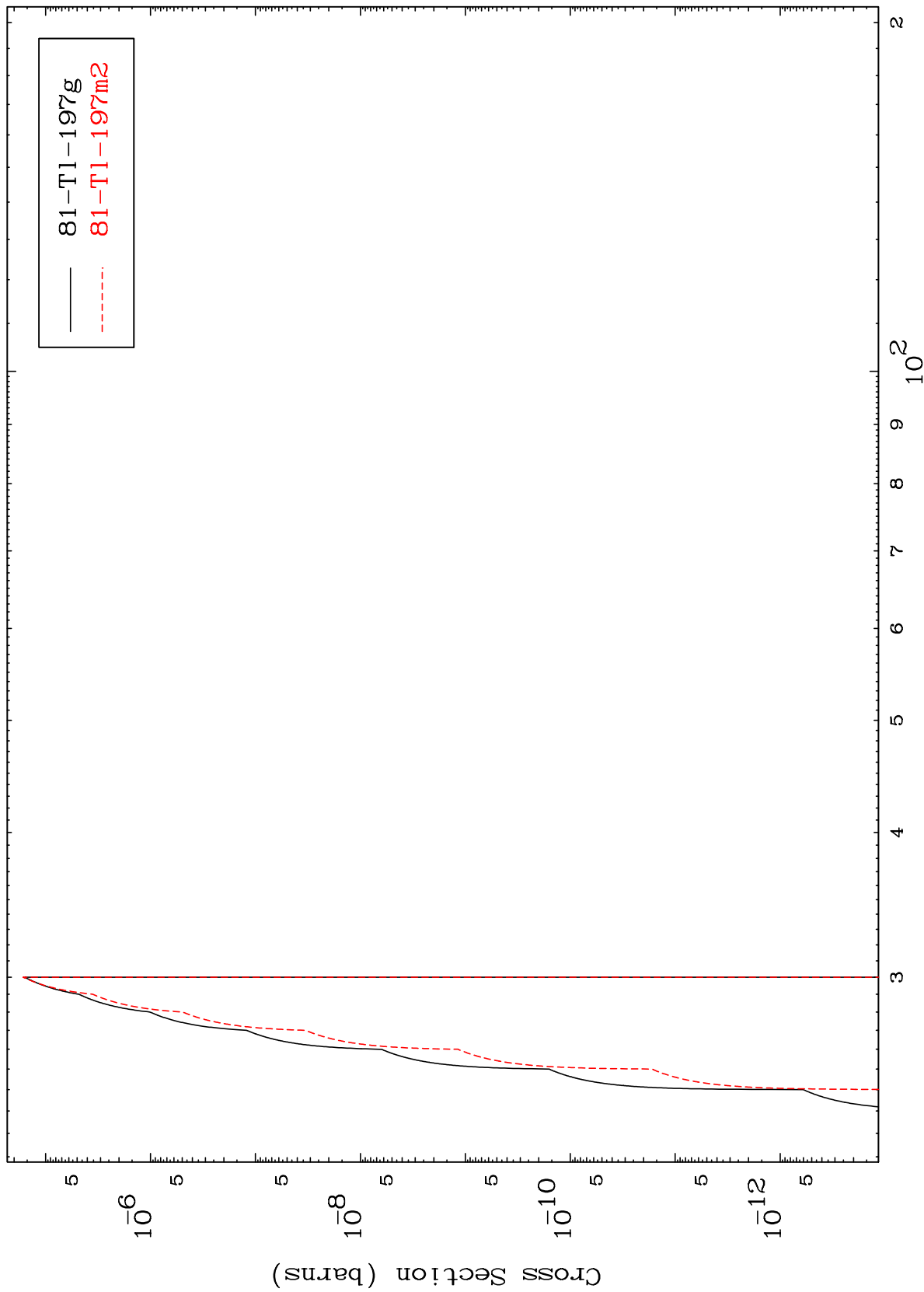
82-Pb-200

MAT 8213

(n,3n) p

82-Pb-200

Radionuclide Production Cross Section



101

Incident Energy (MeV)

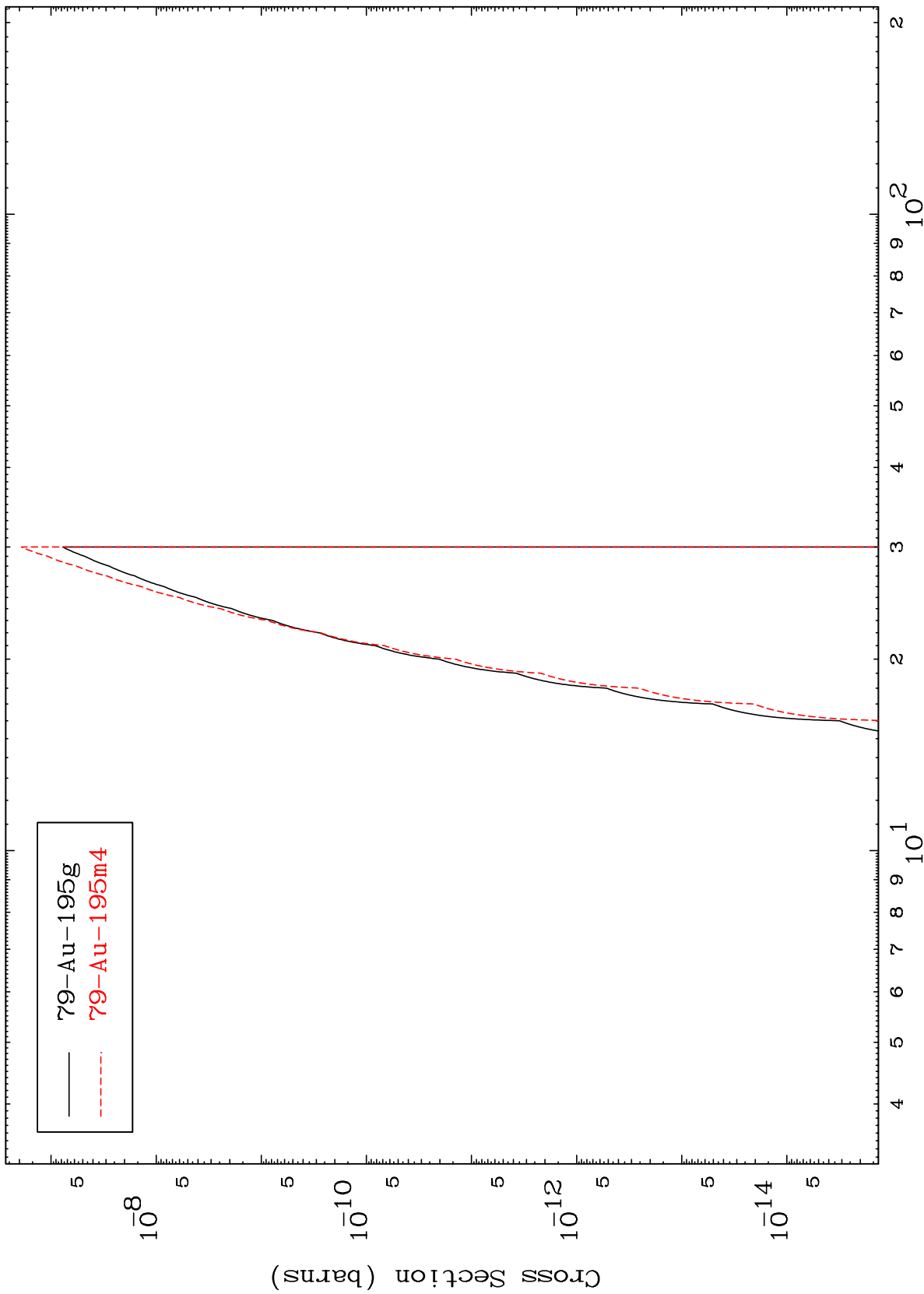
82-Pb-200

MAT 8213

(n,n') p α

82-Pb-200

Radionuclide Production Cross Section



102

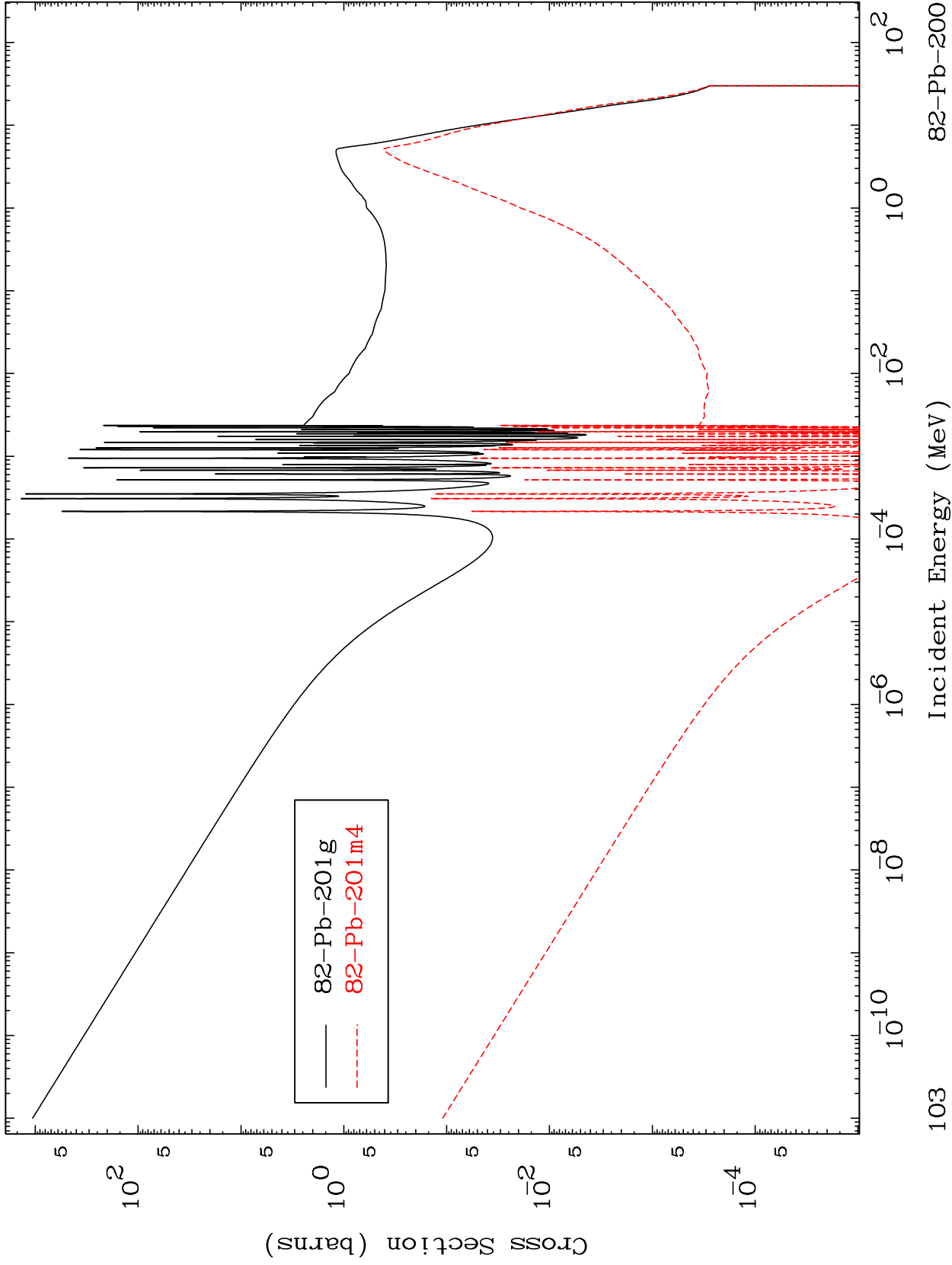
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

(n,γ)
Radionuclide Production Cross Section

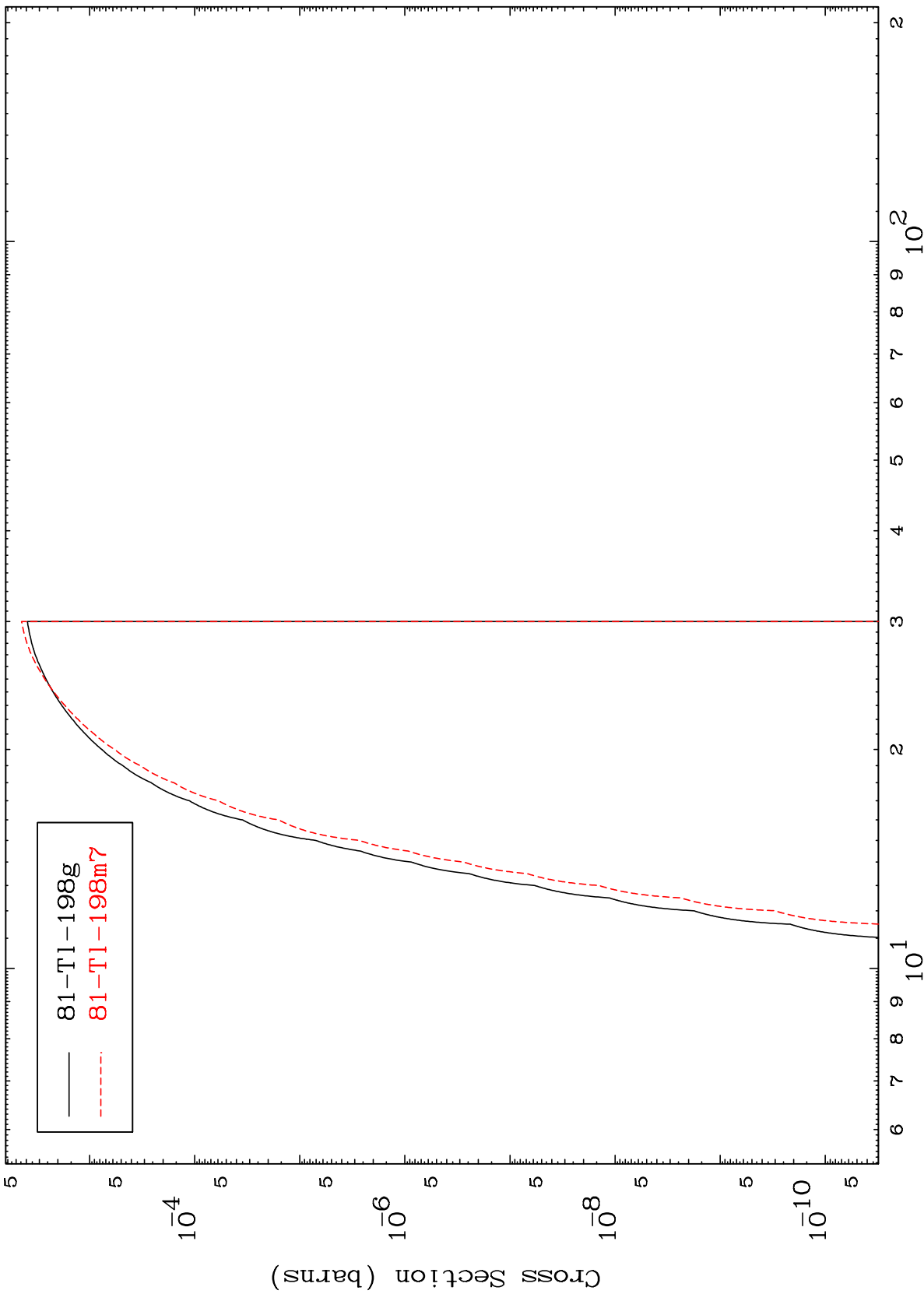


103

MAT 8213

82-Pb-200

(n, t)
Radionuclide Production Cross Section



104

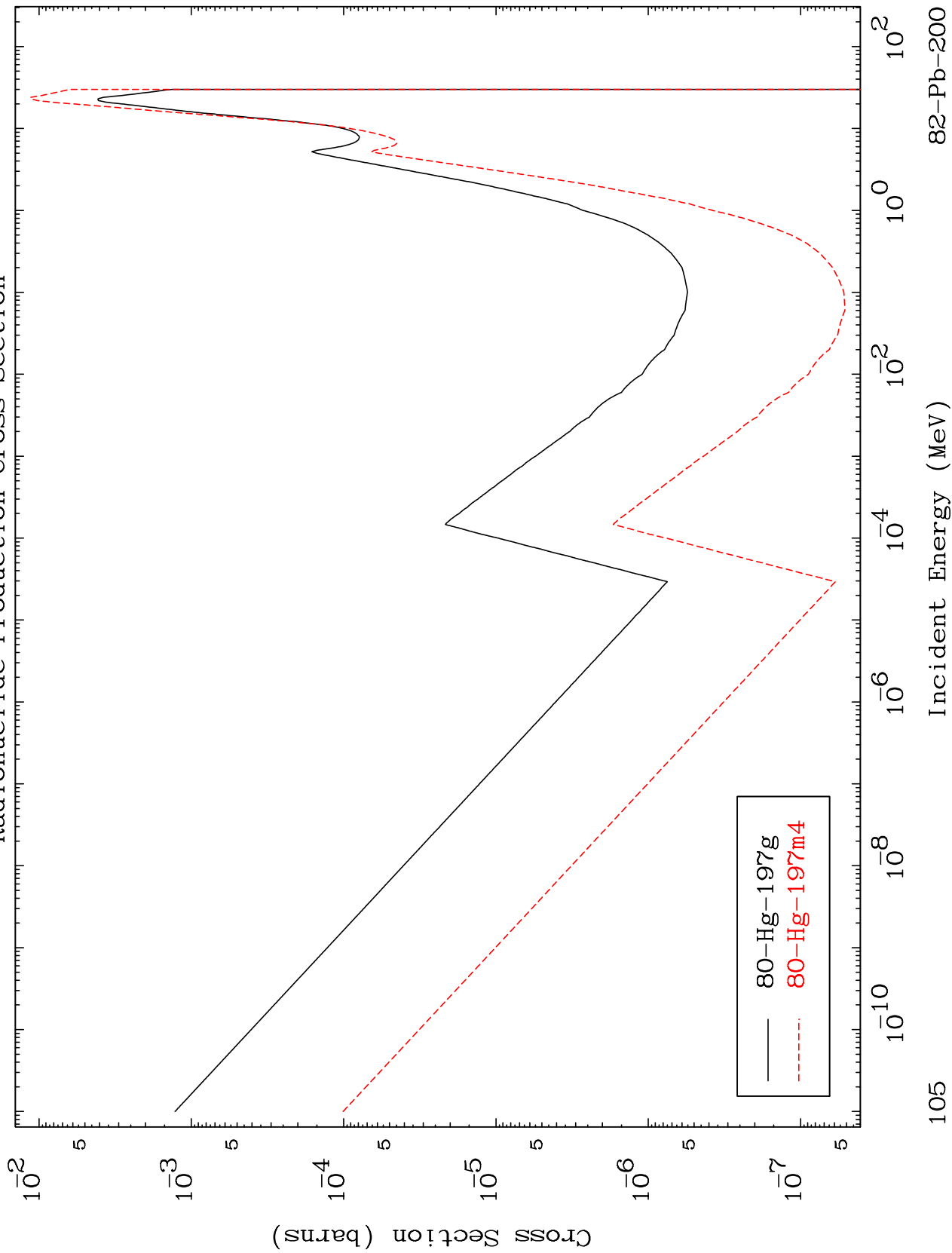
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

Radionuclide Production Cross Section
(n, α)



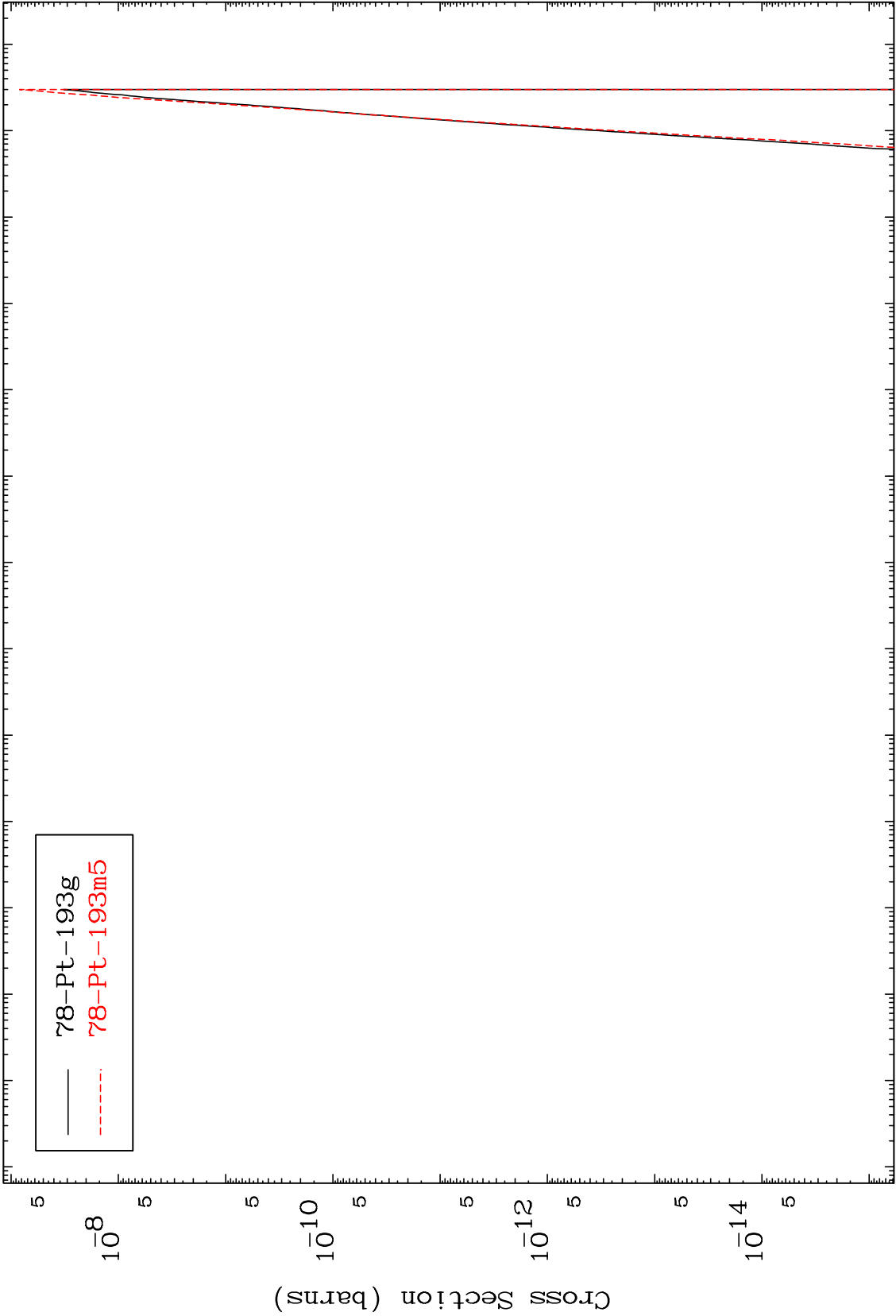
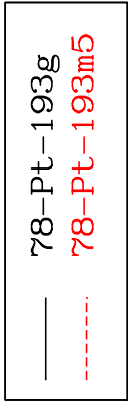
105

MAT 8213

(n,2α)

82-Pb-200

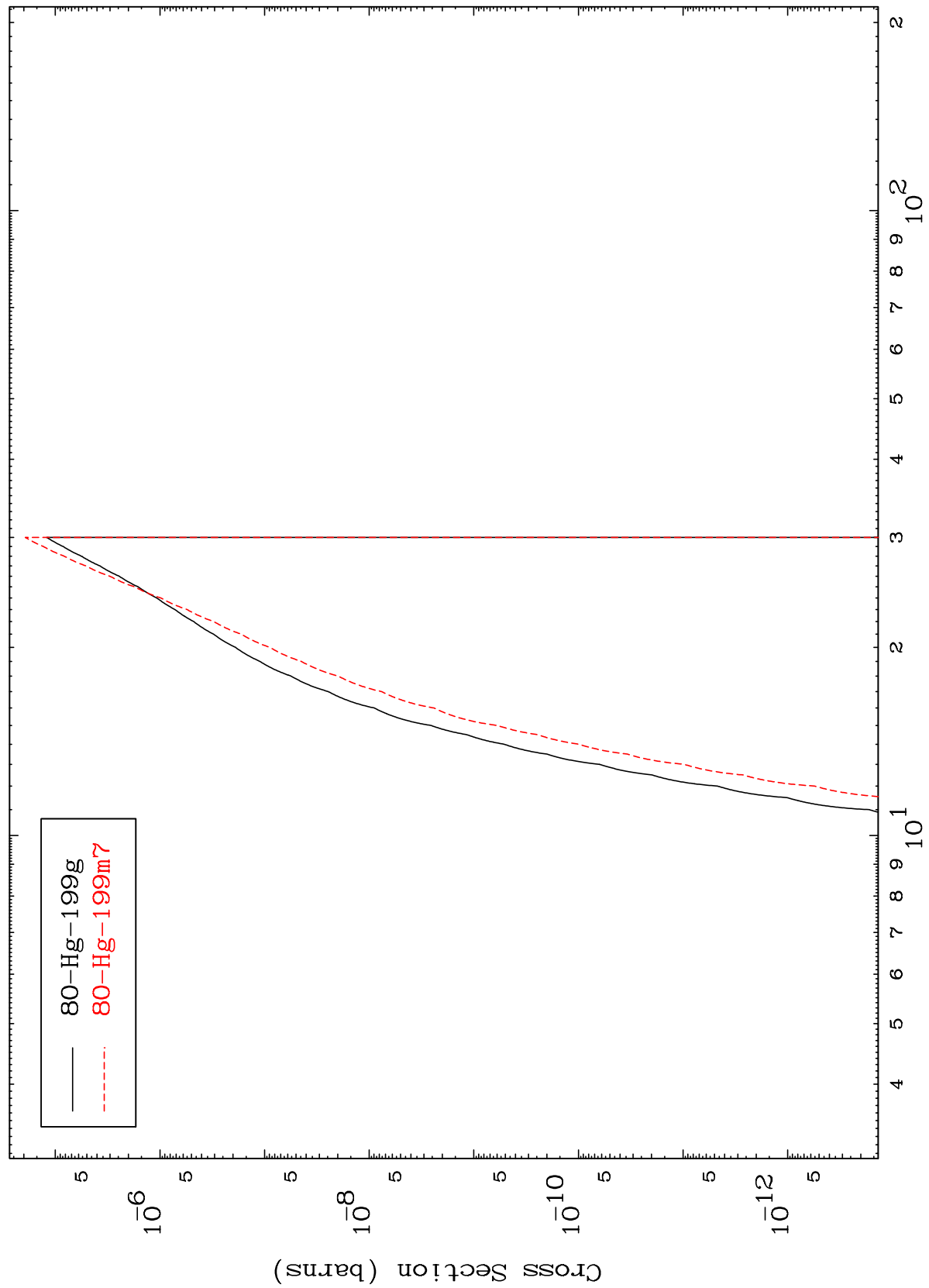
Radionuclide Production Cross Section



MAT 8213

82-Pb-200

Radionuclide Production Cross Section
(n,2p)



107

Incident Energy (MeV)

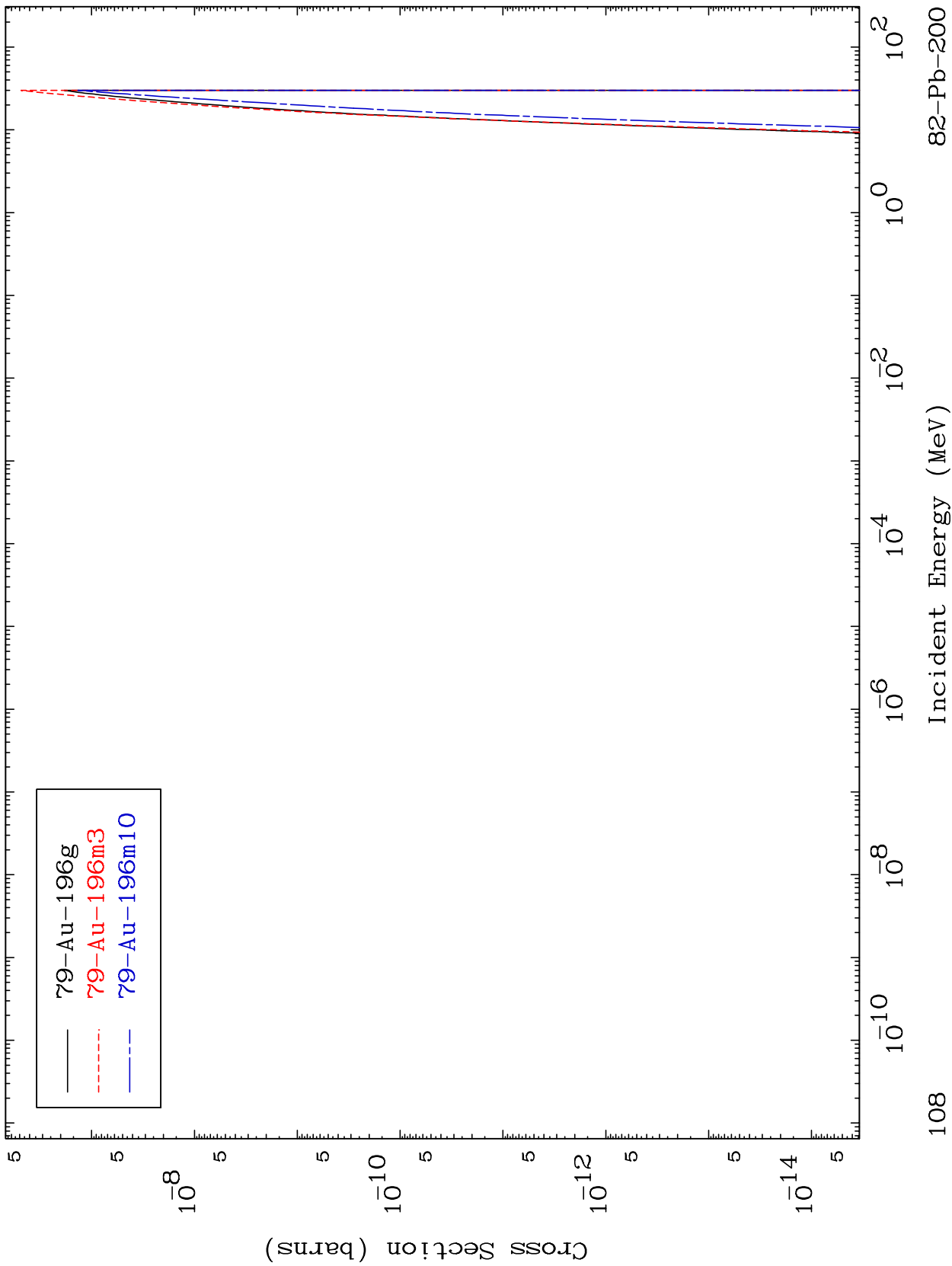
82-Pb-200

MAT 8213

(n,p) α

82-Pb-200

Radionuclide Production Cross Section

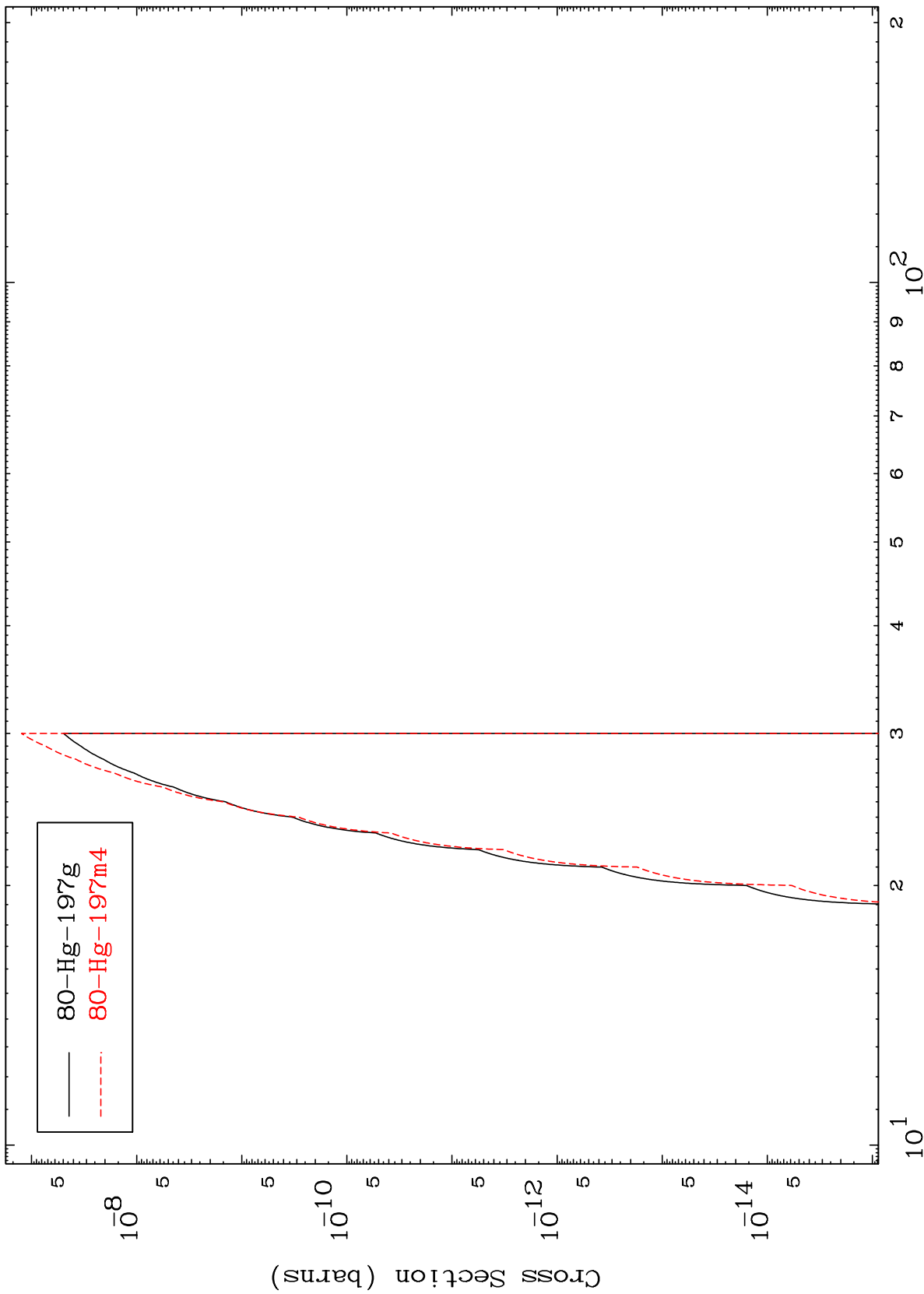


MAT 8213

(n,p) t

82-Pb-200

Radionuclide Production Cross Section



Incident Energy (MeV)

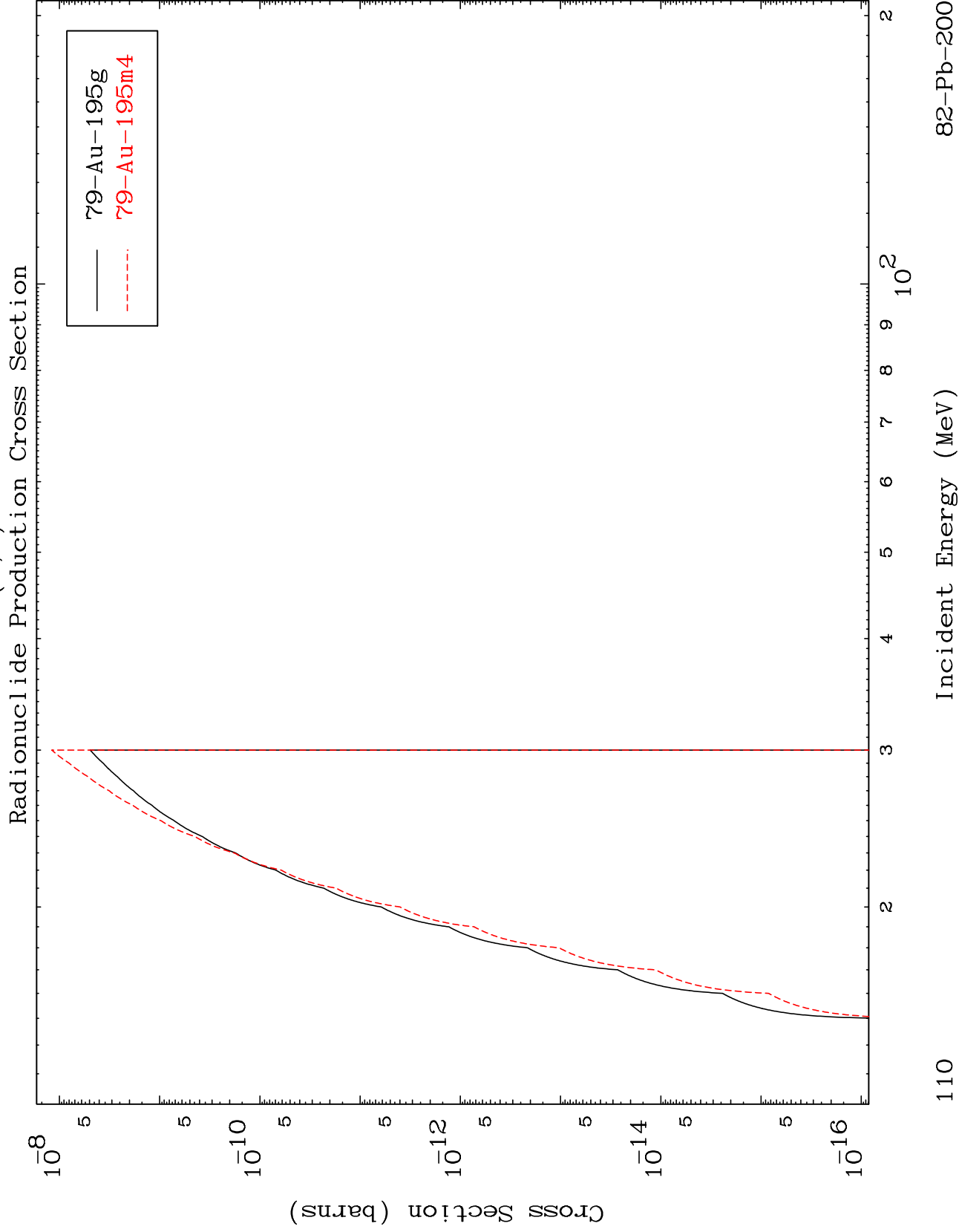
82-Pb-200

109

MAT 8213

(n,d) α

82-Pb-200



110