

Program EVALPLOT
(Version 2021-1)

by

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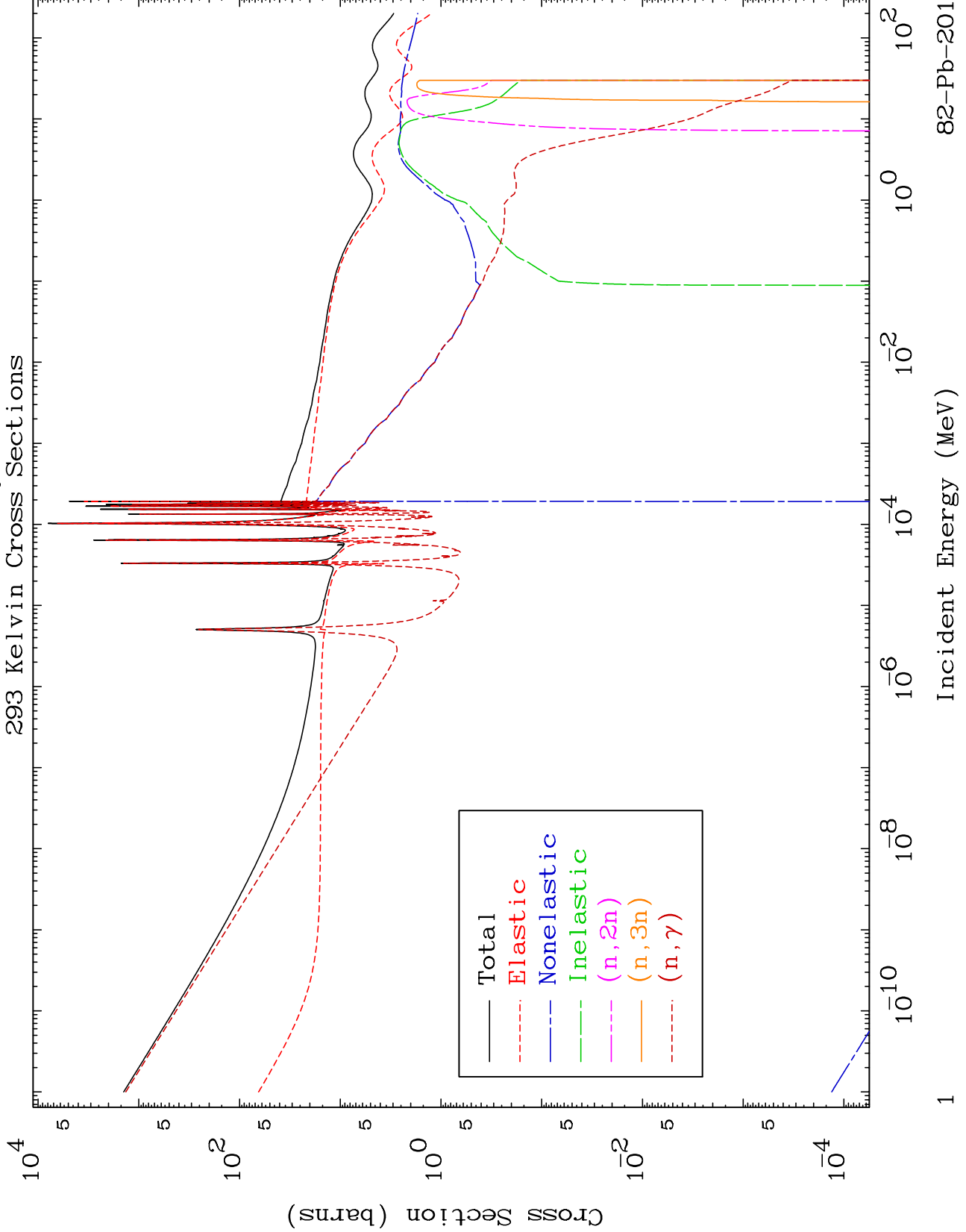
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8216

Neutron Major
293 Kelvin Cross Sections

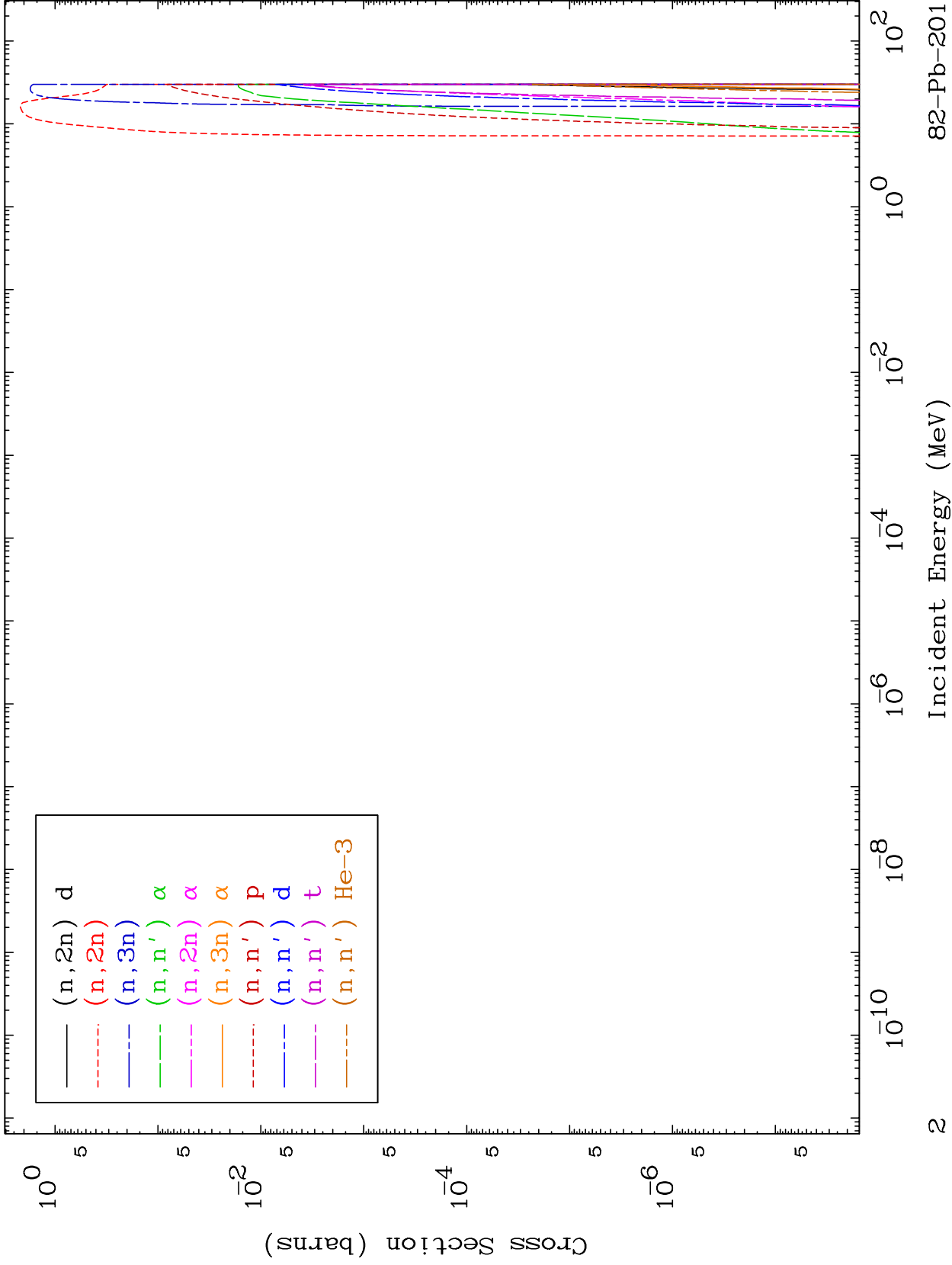
82-Pb-201



MAT 8216

Neutron Absorption
293 Kelvin Cross Sections

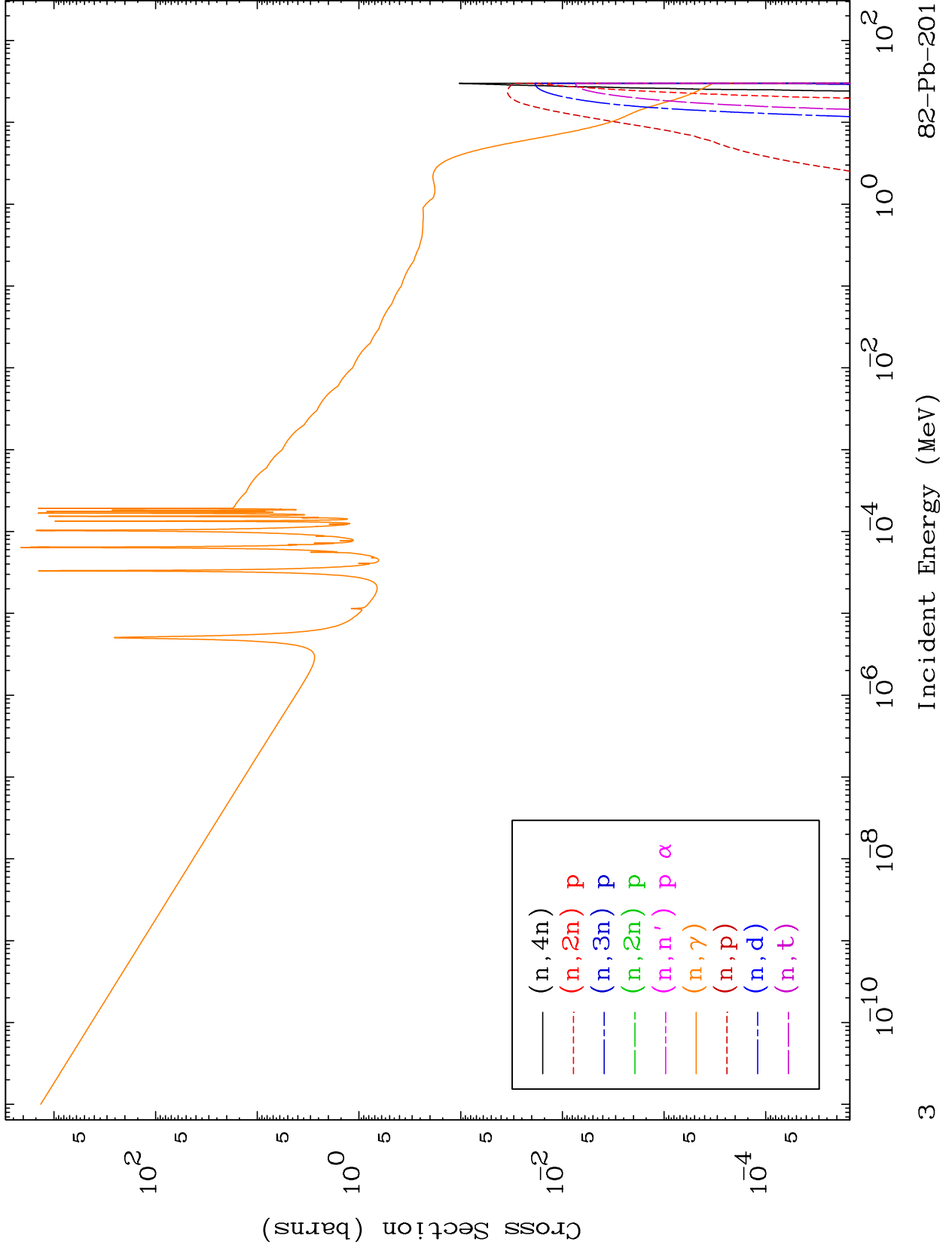
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MAT 8216

Neutron Absorption
293 Kelvin Cross Sections

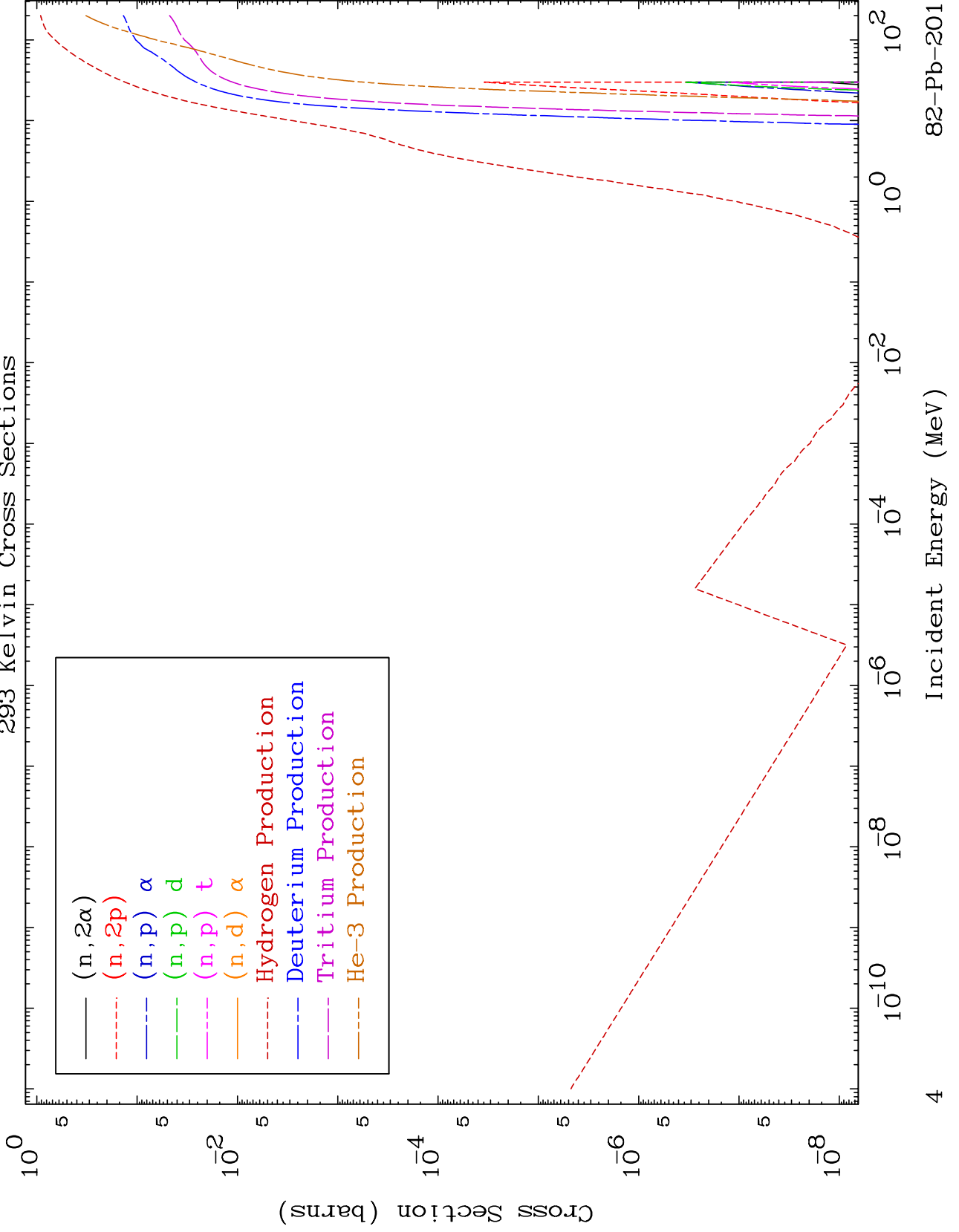
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MAT 8216

Neutron Absorption
293 Kelvin Cross Sections

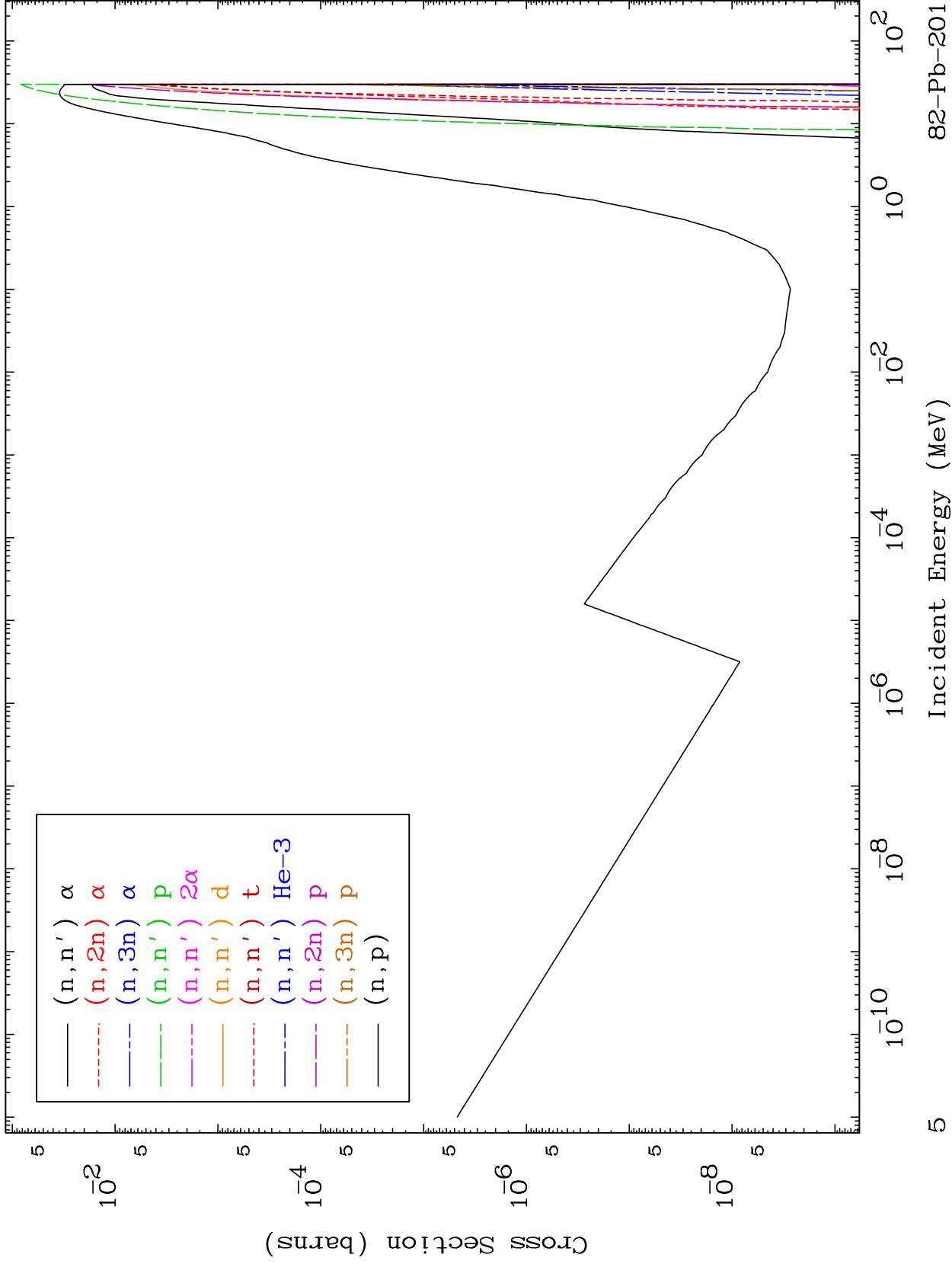
82-Pb-201



MAT 8216

Charged Particle
293 Kelvin Cross Sections

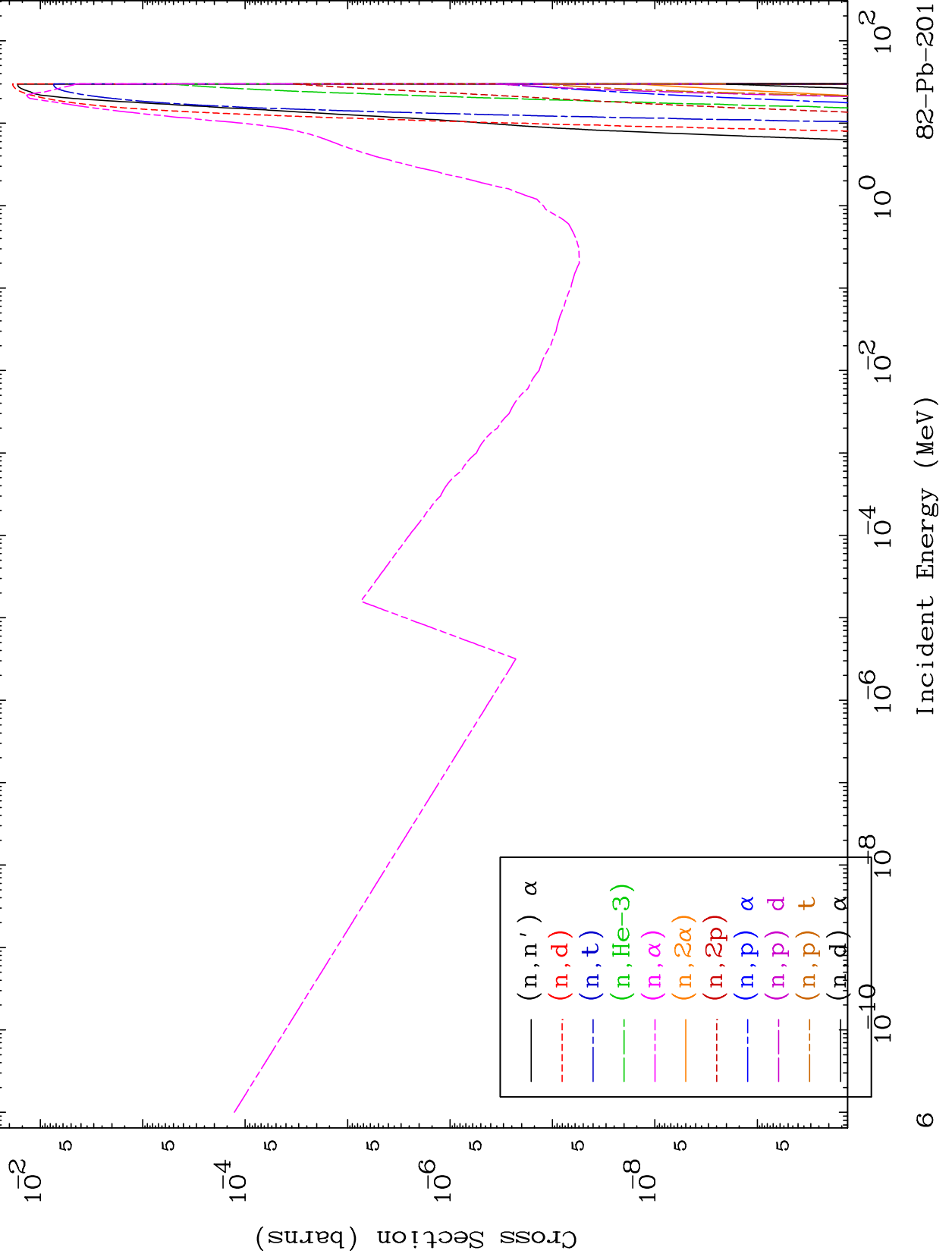
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MAT 8216

Charged Particle
293 Kelvin Cross Sections

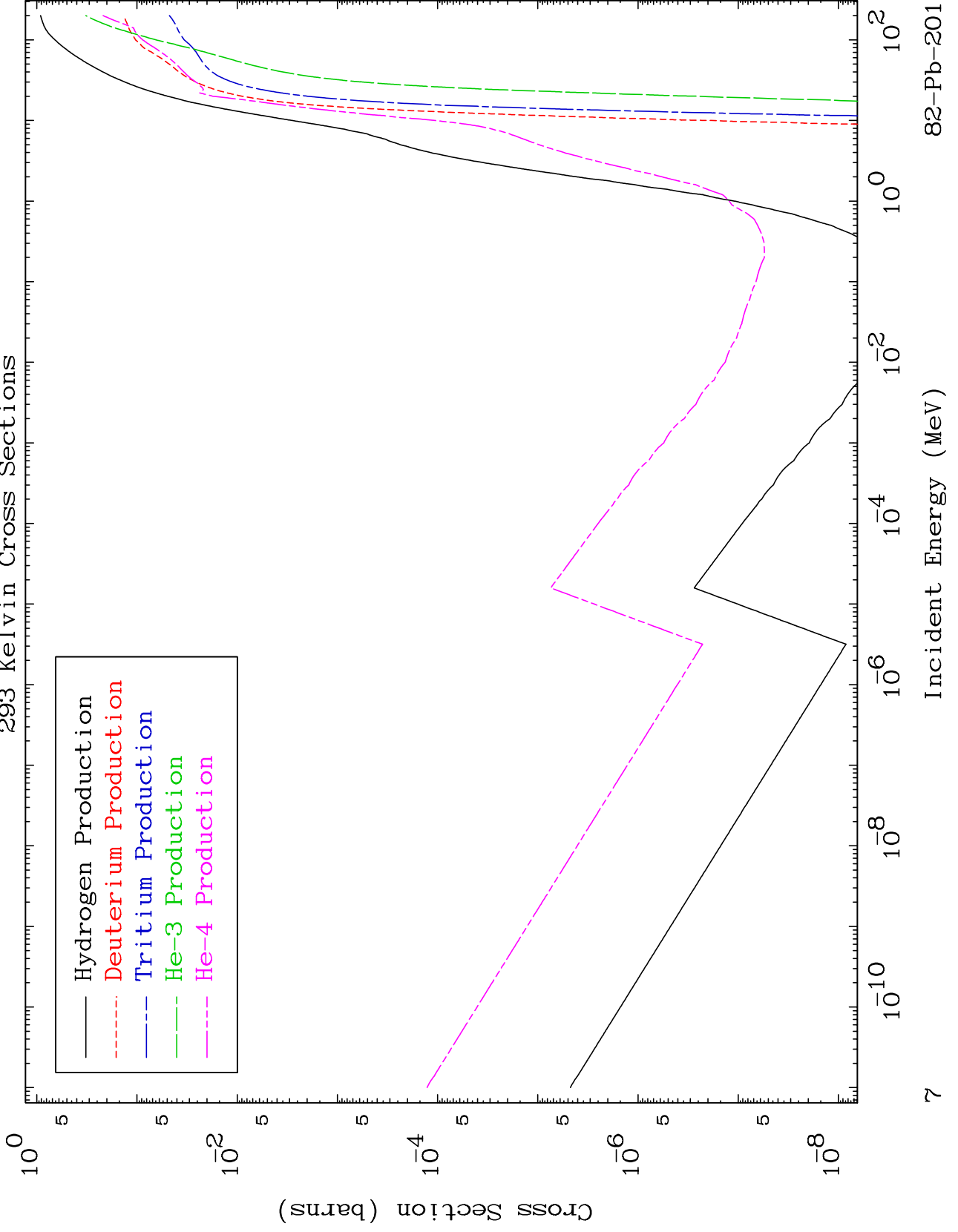
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MAT 8216

Particle Production
293 Kelvin Cross Sections

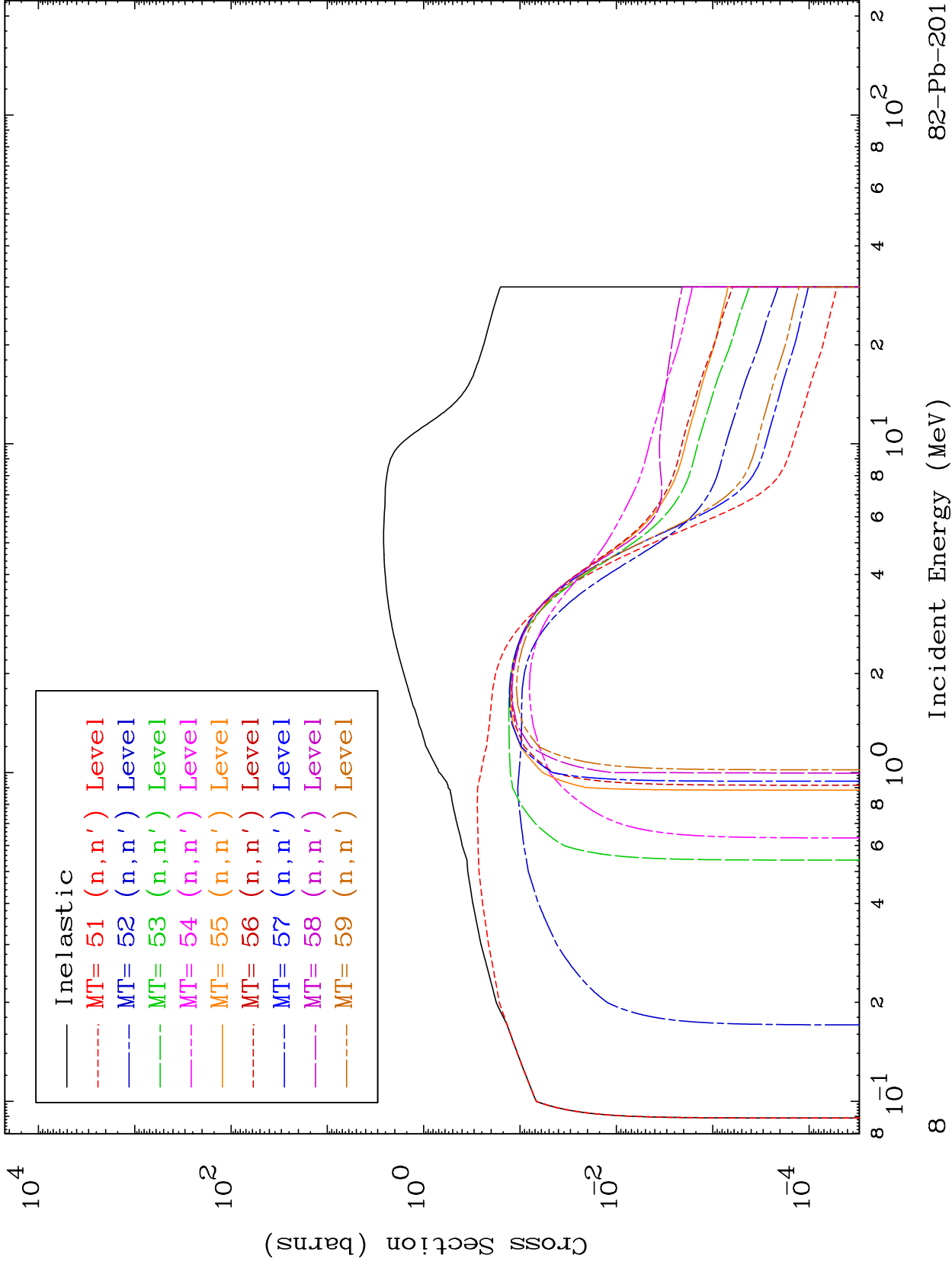
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MAT 8216

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-201

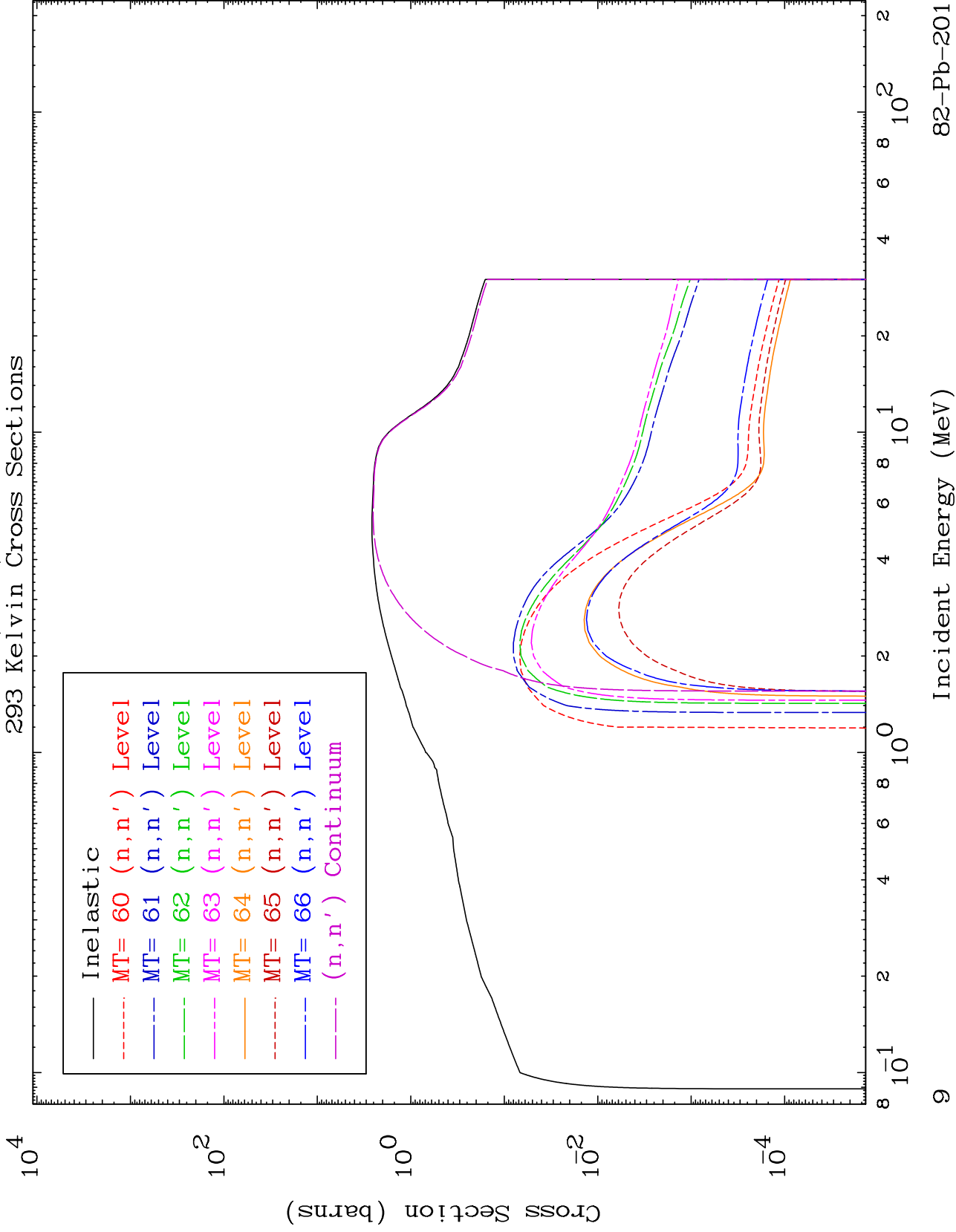


82-Pb-201

MAT 8216

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-201

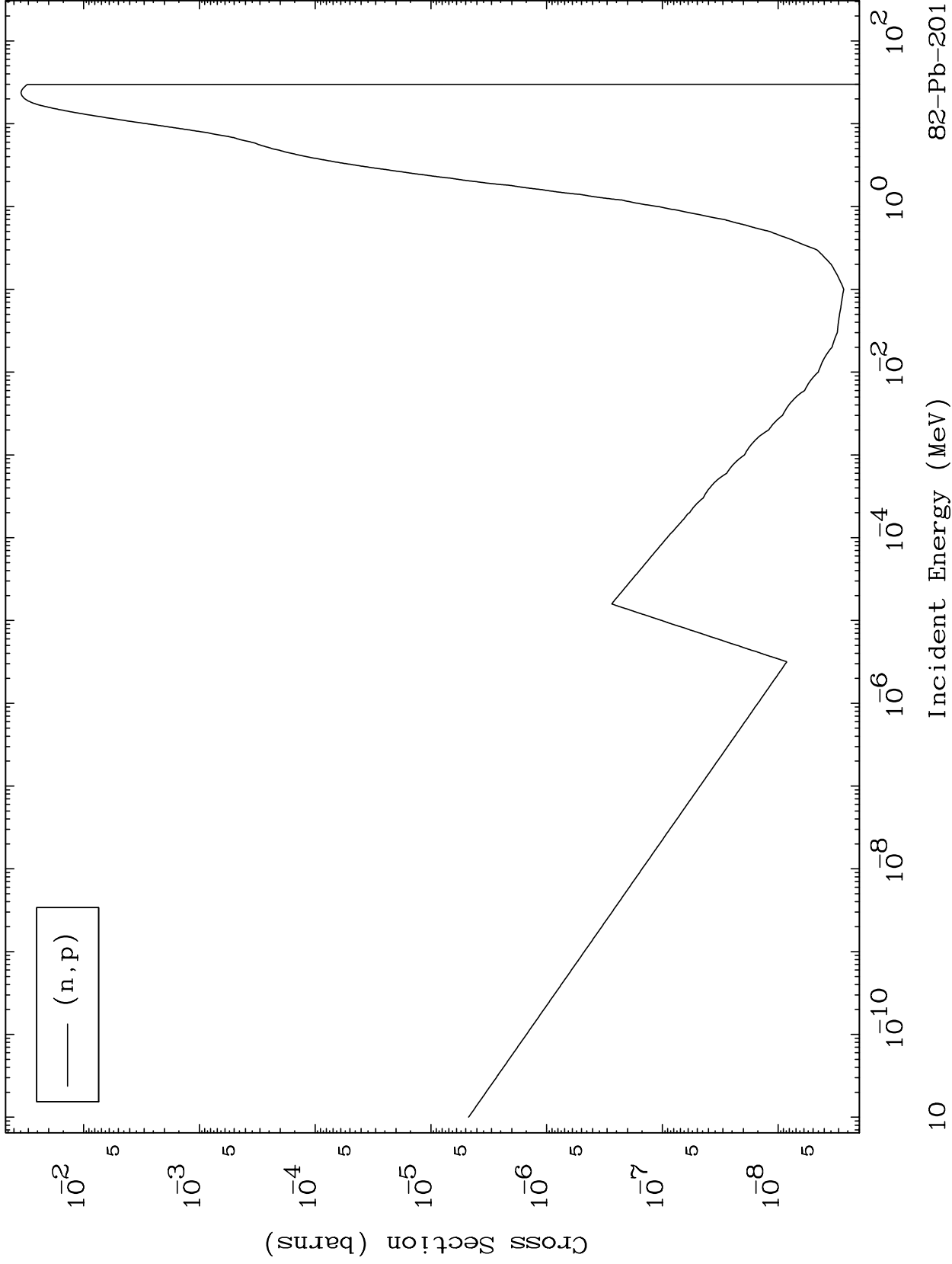


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MAT 8216

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-201



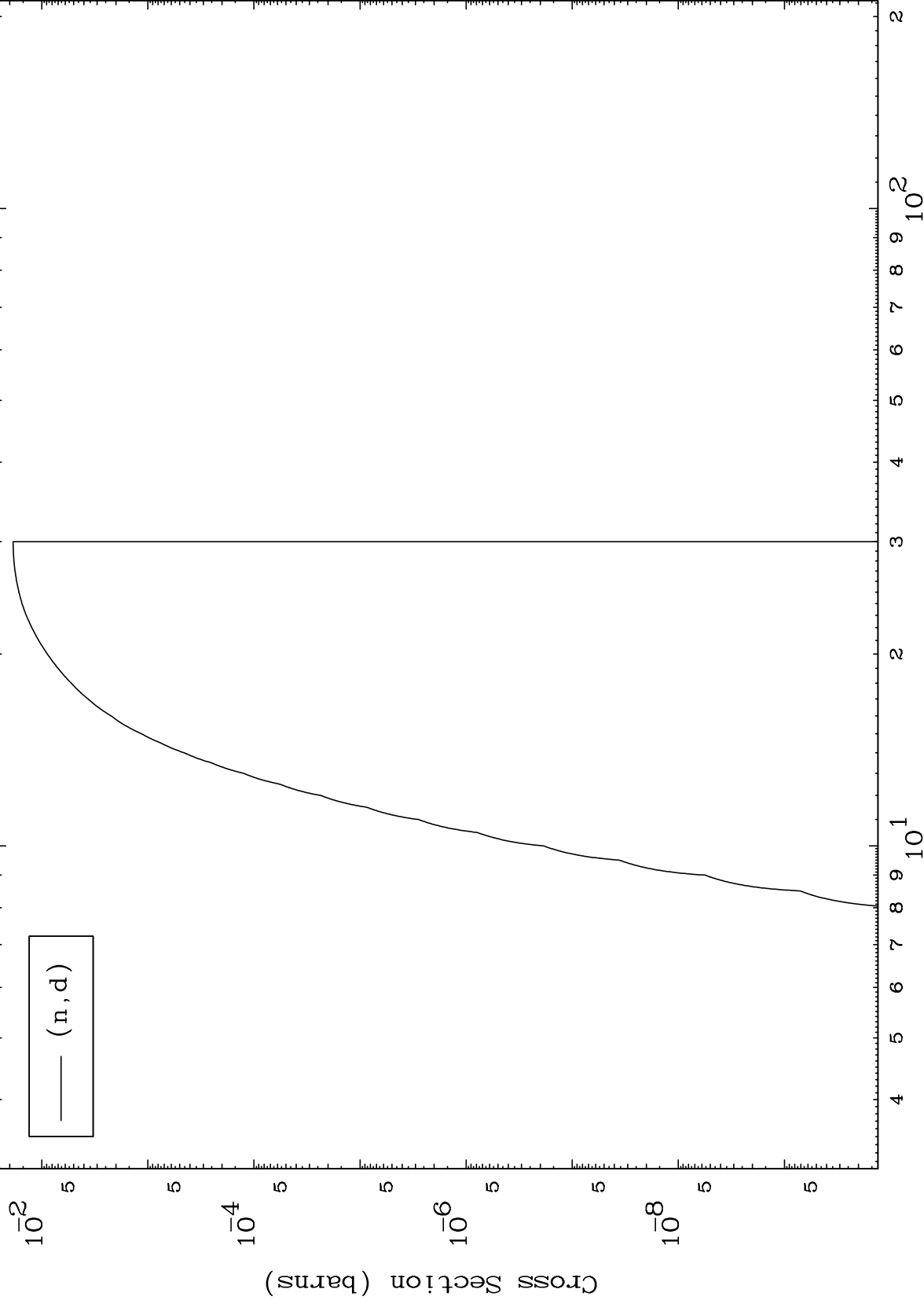
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82-Pb-201

MAT 8216

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-201



11

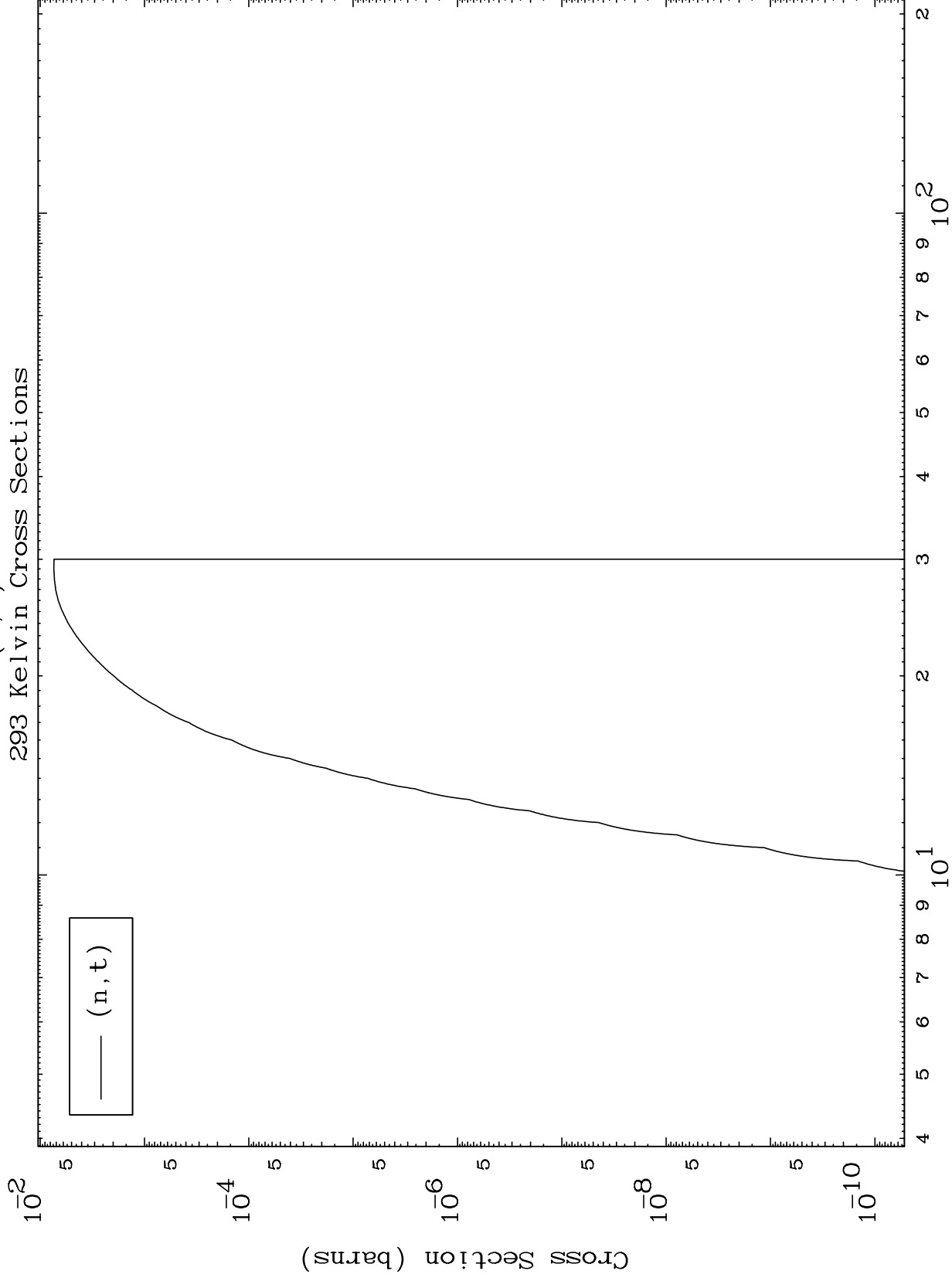
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82-Pb-201

MAT 8216

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-201



12

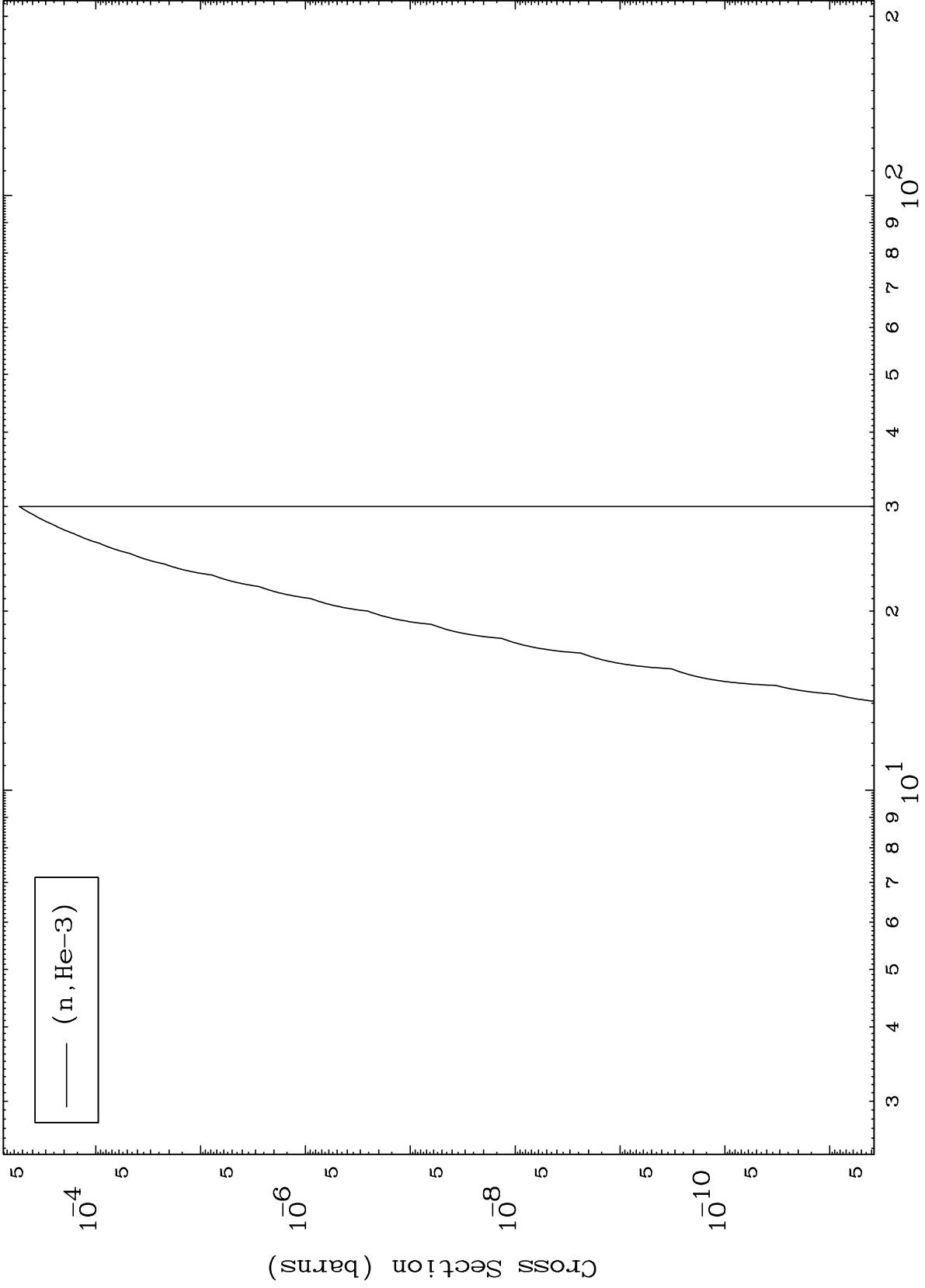
Incident Energy (MeV)

82-Pb-201

MAT 8216

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-201



(n, He-3)

13

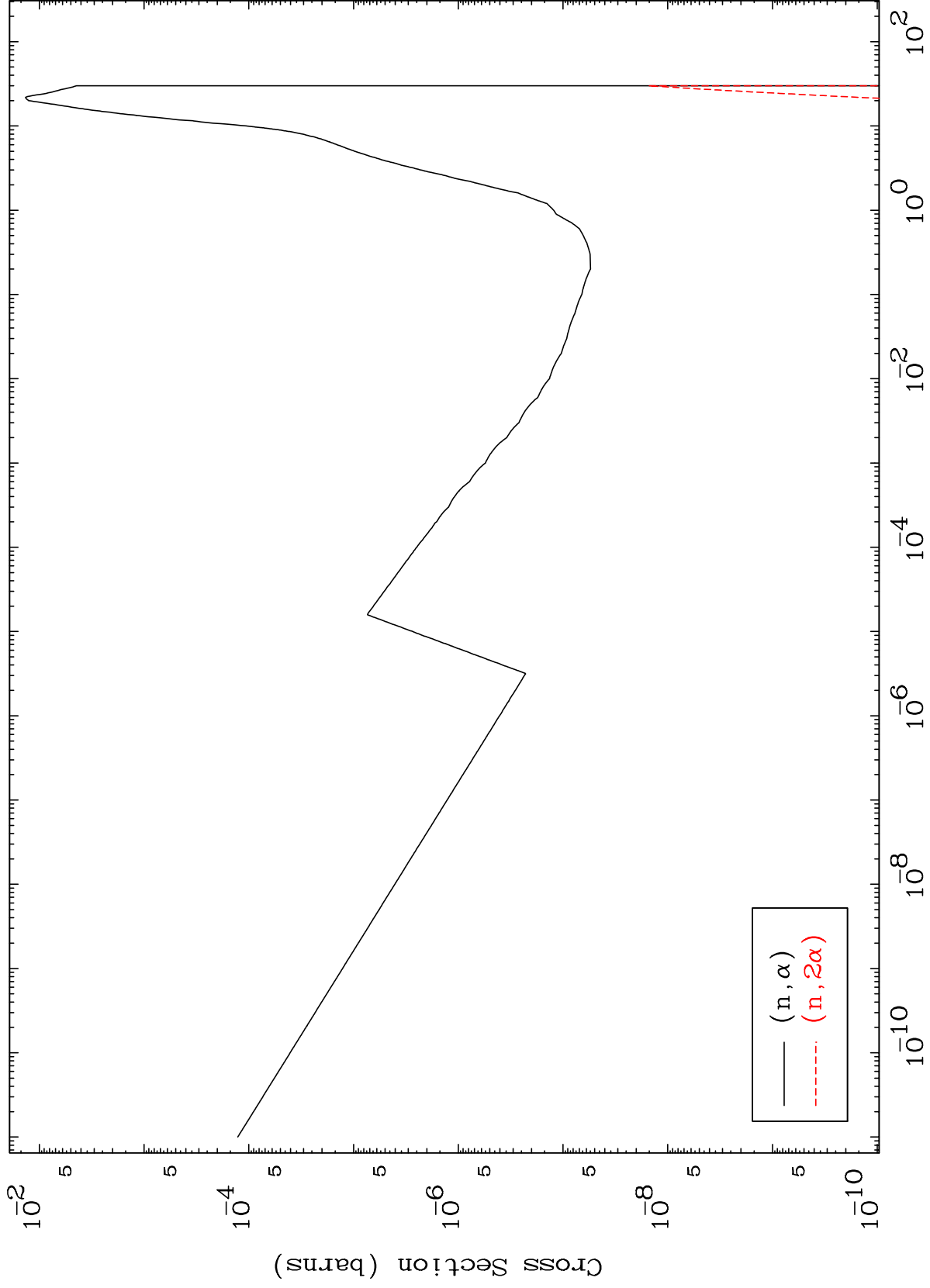
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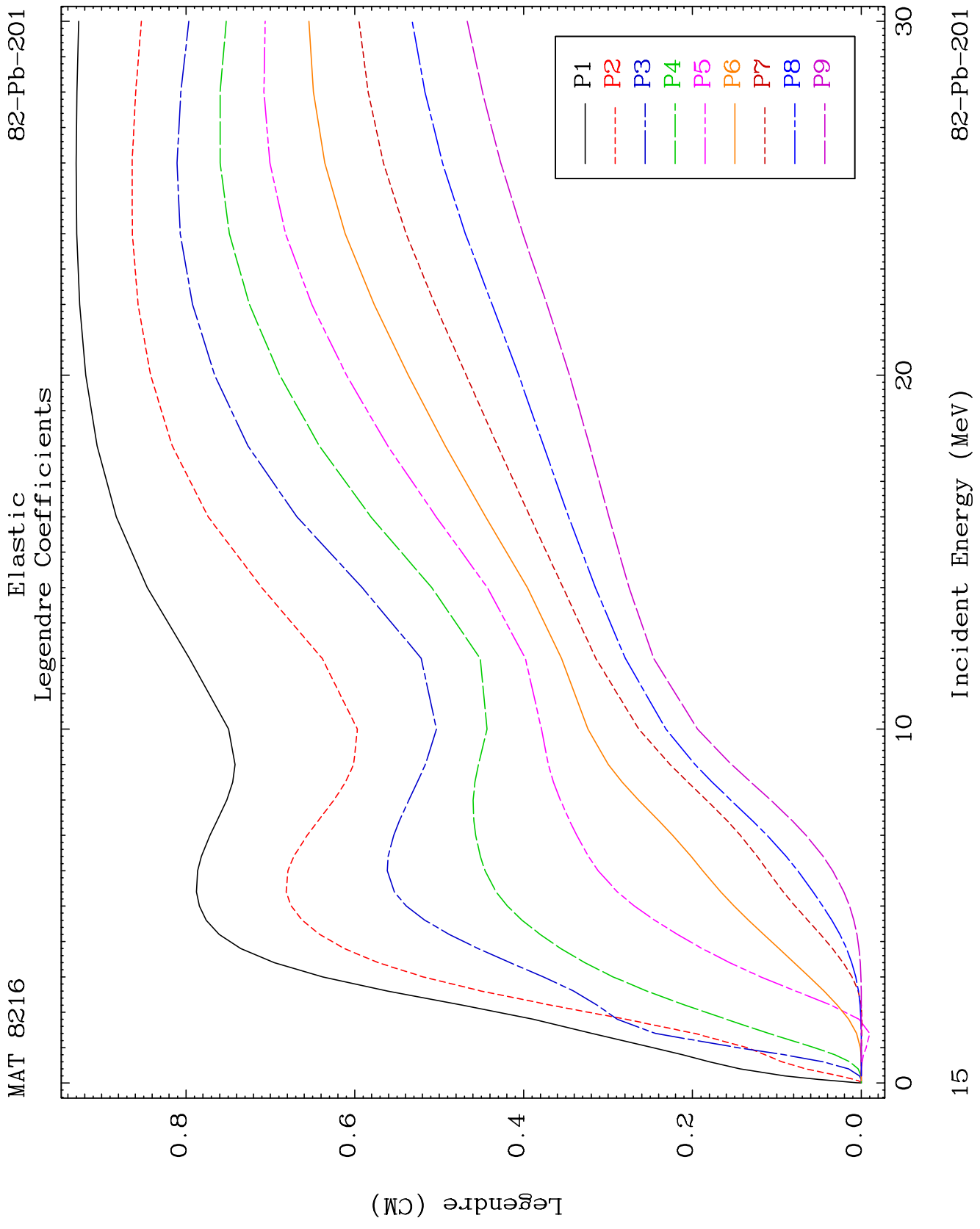
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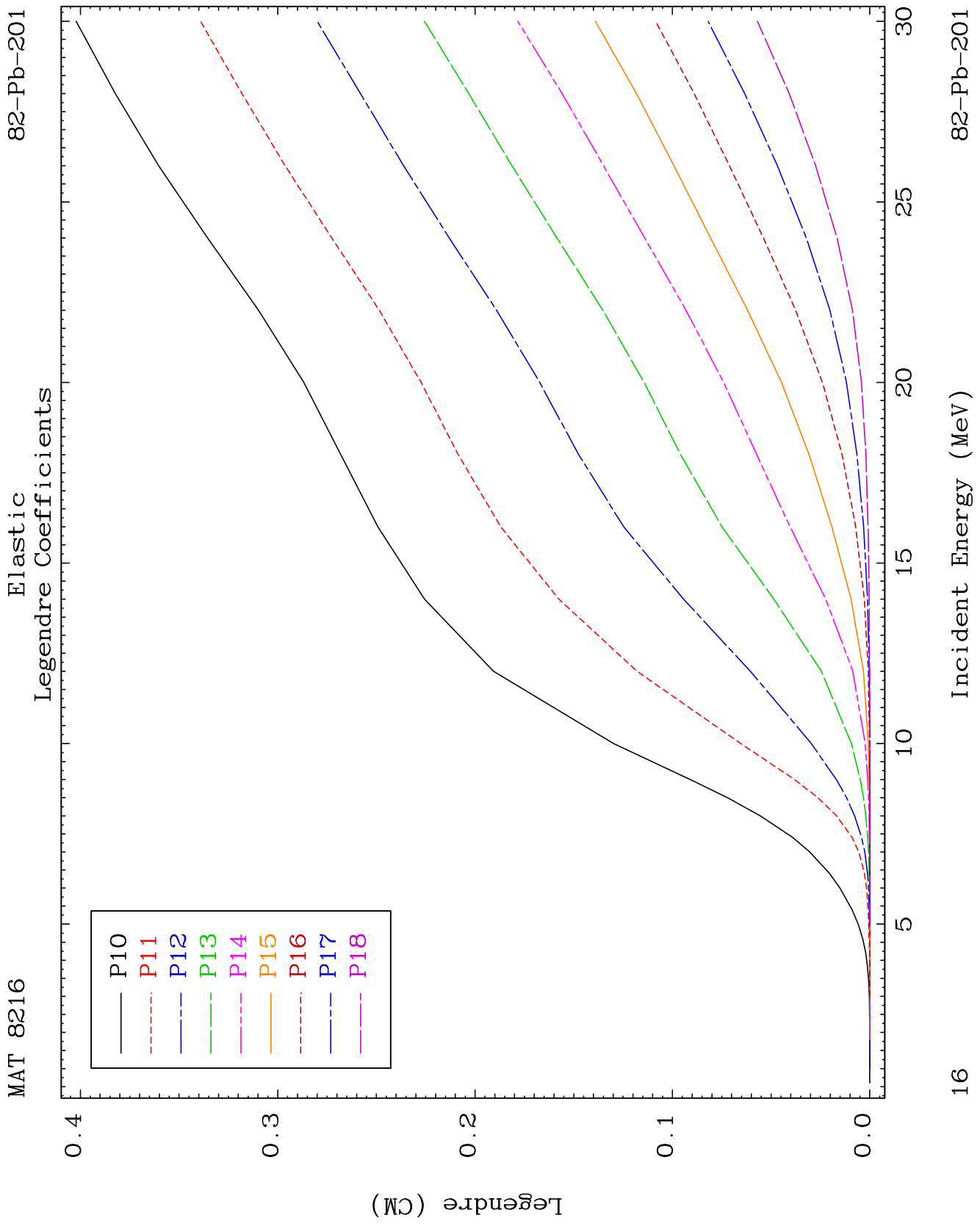
MAT 8216

(n,α) Levels
293 Kelvin Cross Sections

82-Pb-201



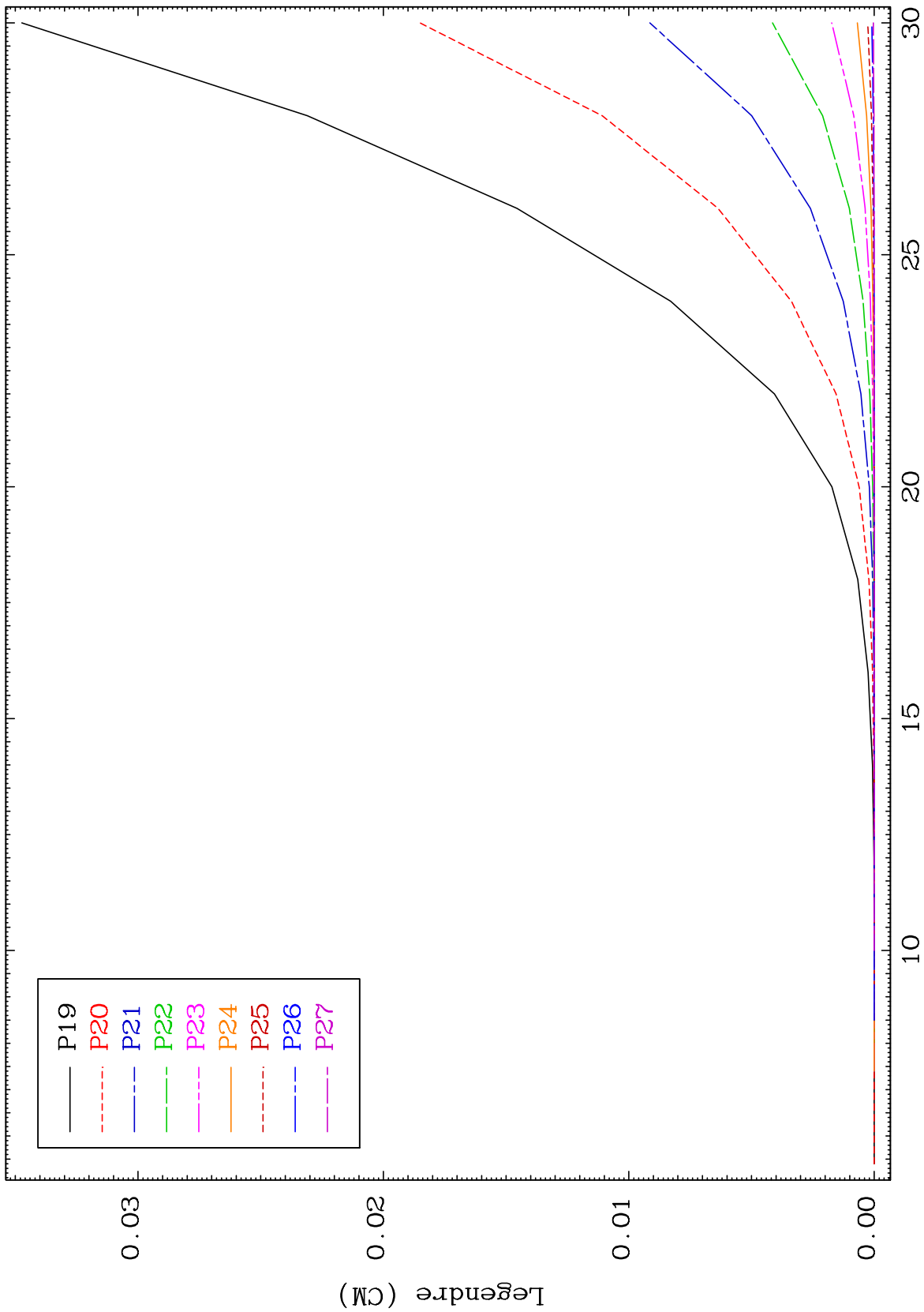




MAT 8216

Elastic Legendre Coefficients

82-Pb-201



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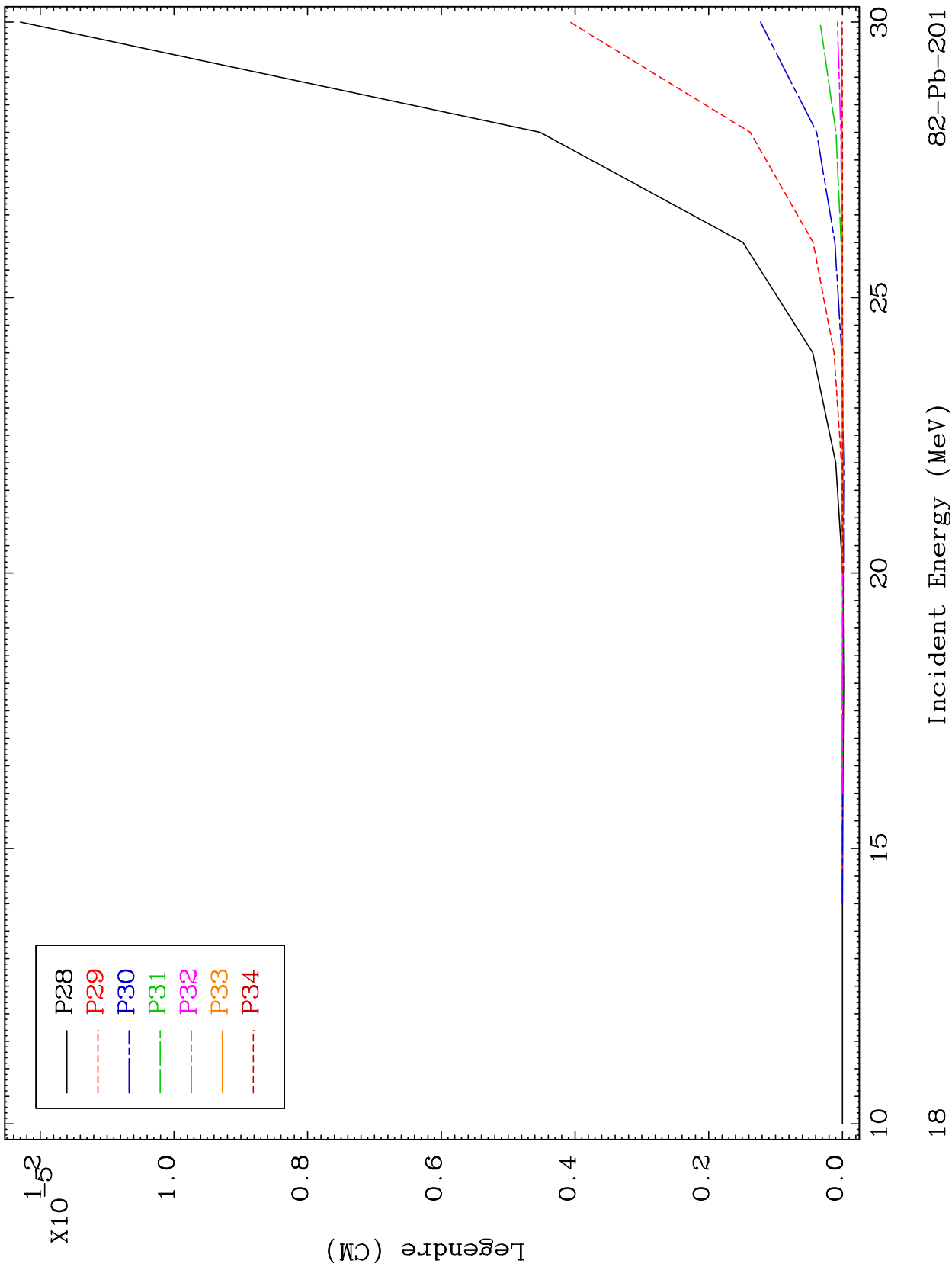
Incident Energy (MeV)

82-Pb-201

MAT 8216

Elastic Legendre Coefficients

82-Pb-201



18

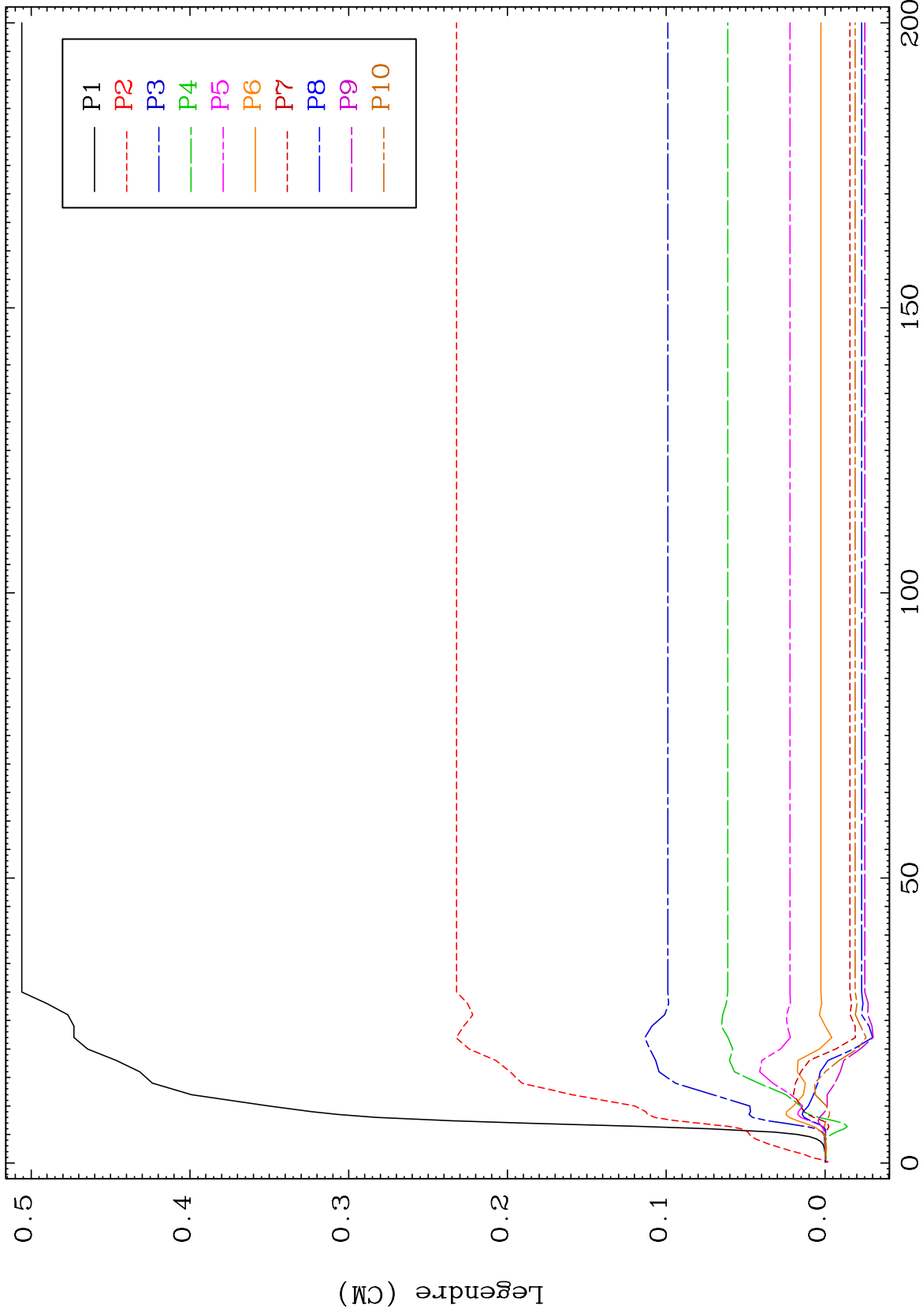
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



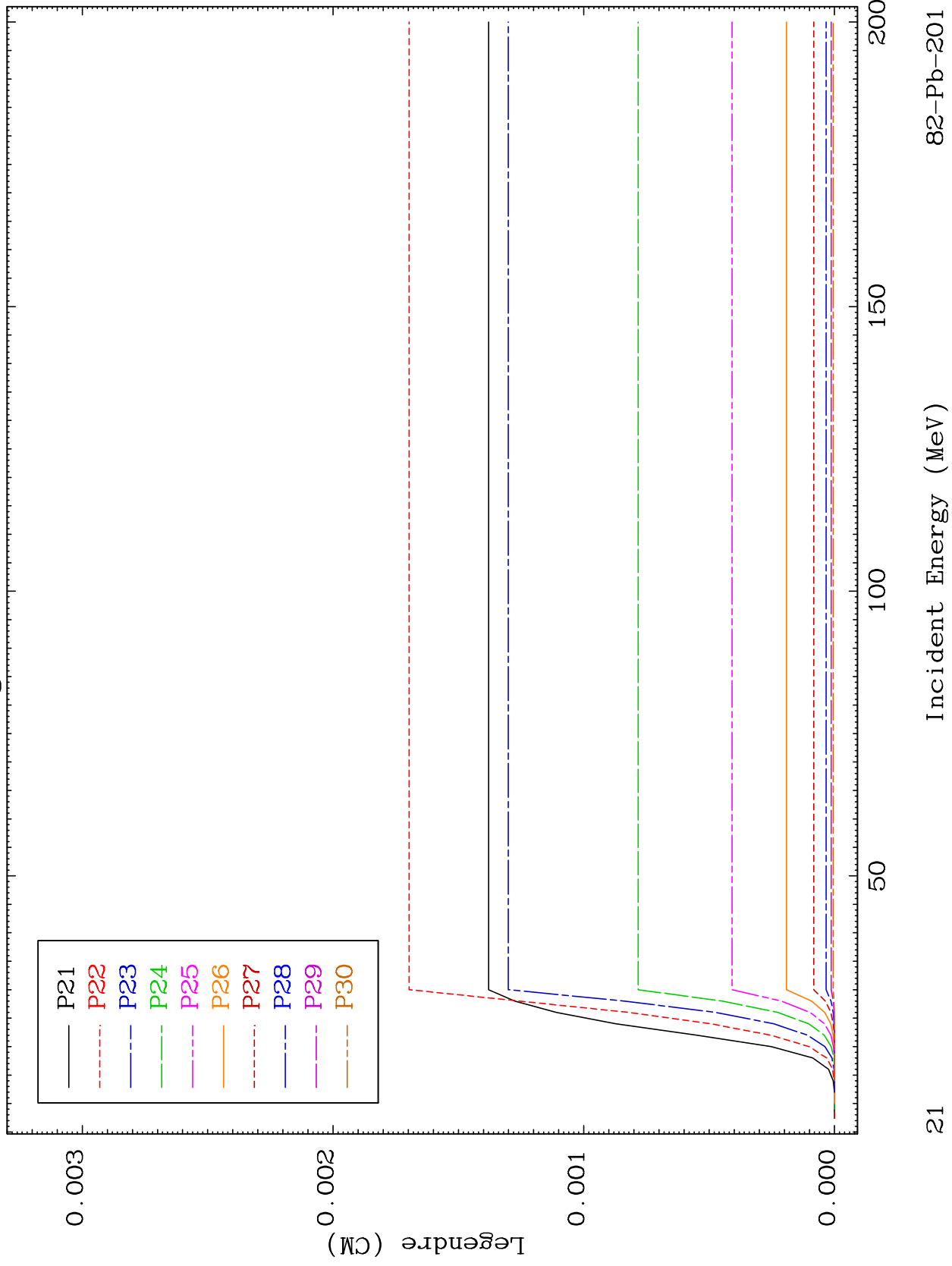
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82-Pb-201

MAT 8216

82-Pb-201

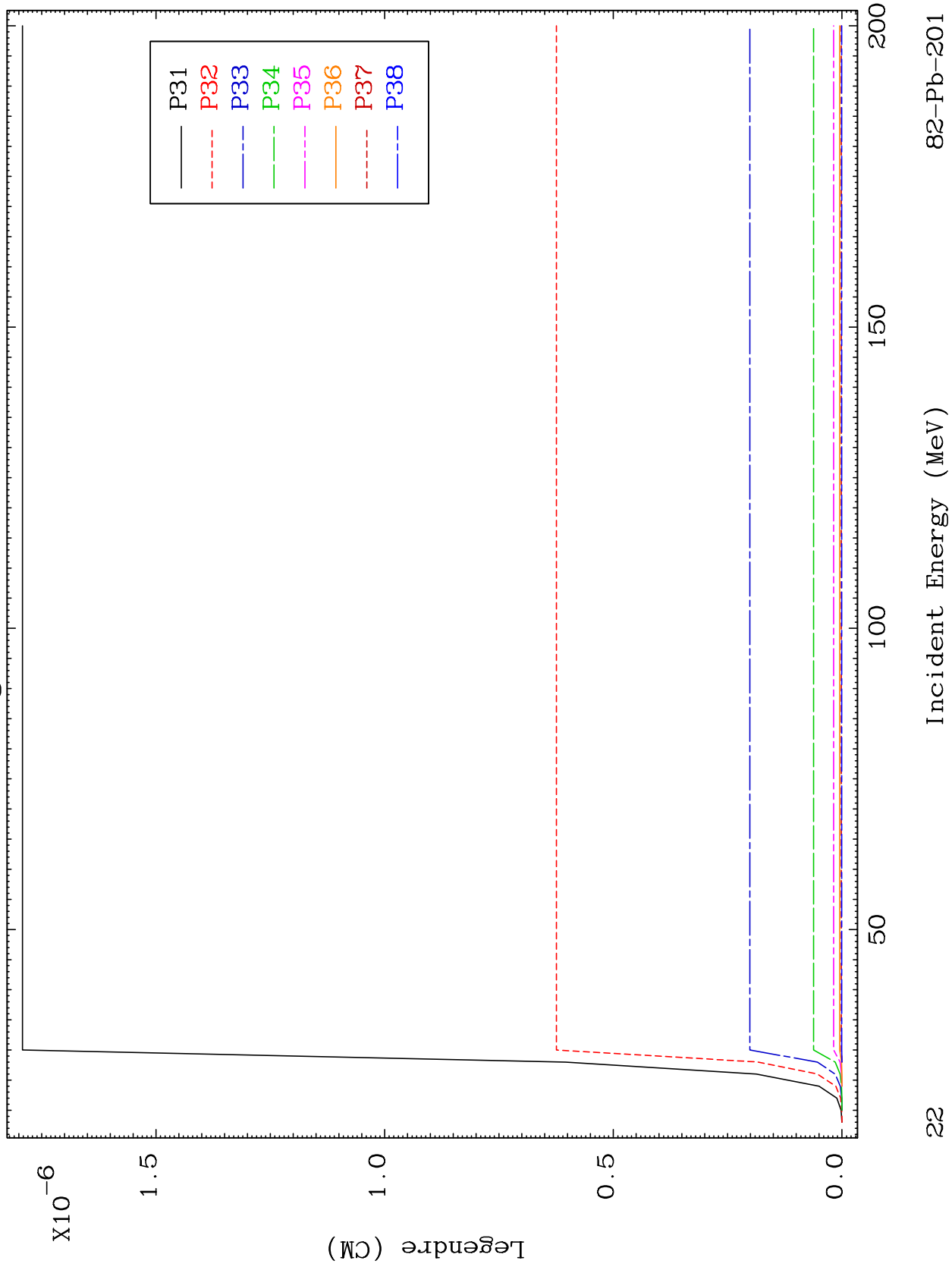
MT= 51 (n,n') Level
Legendre Coefficients



MAT 8216

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

82-Pb-201

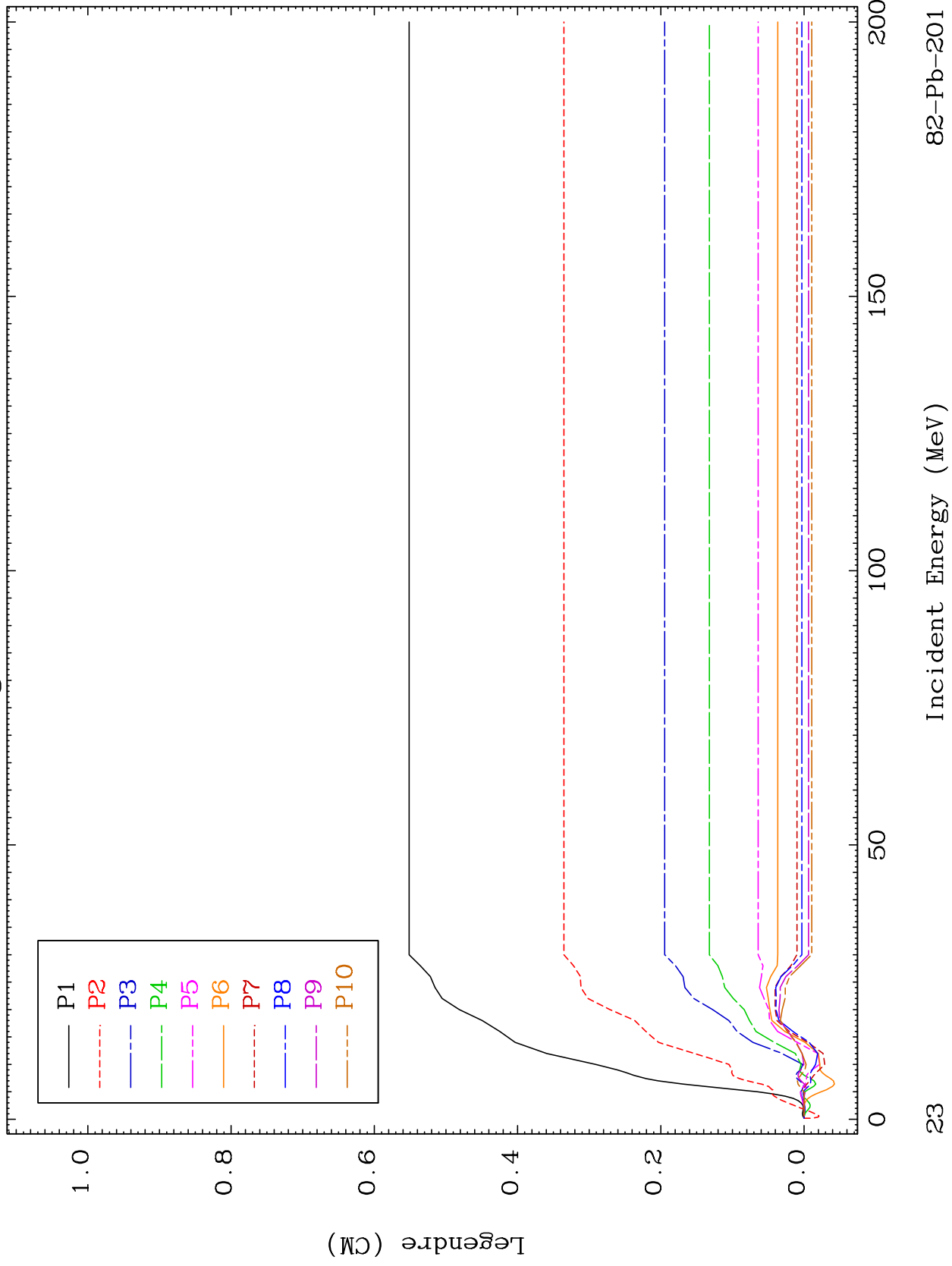


22

MAT 8216

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

82-Pb-201



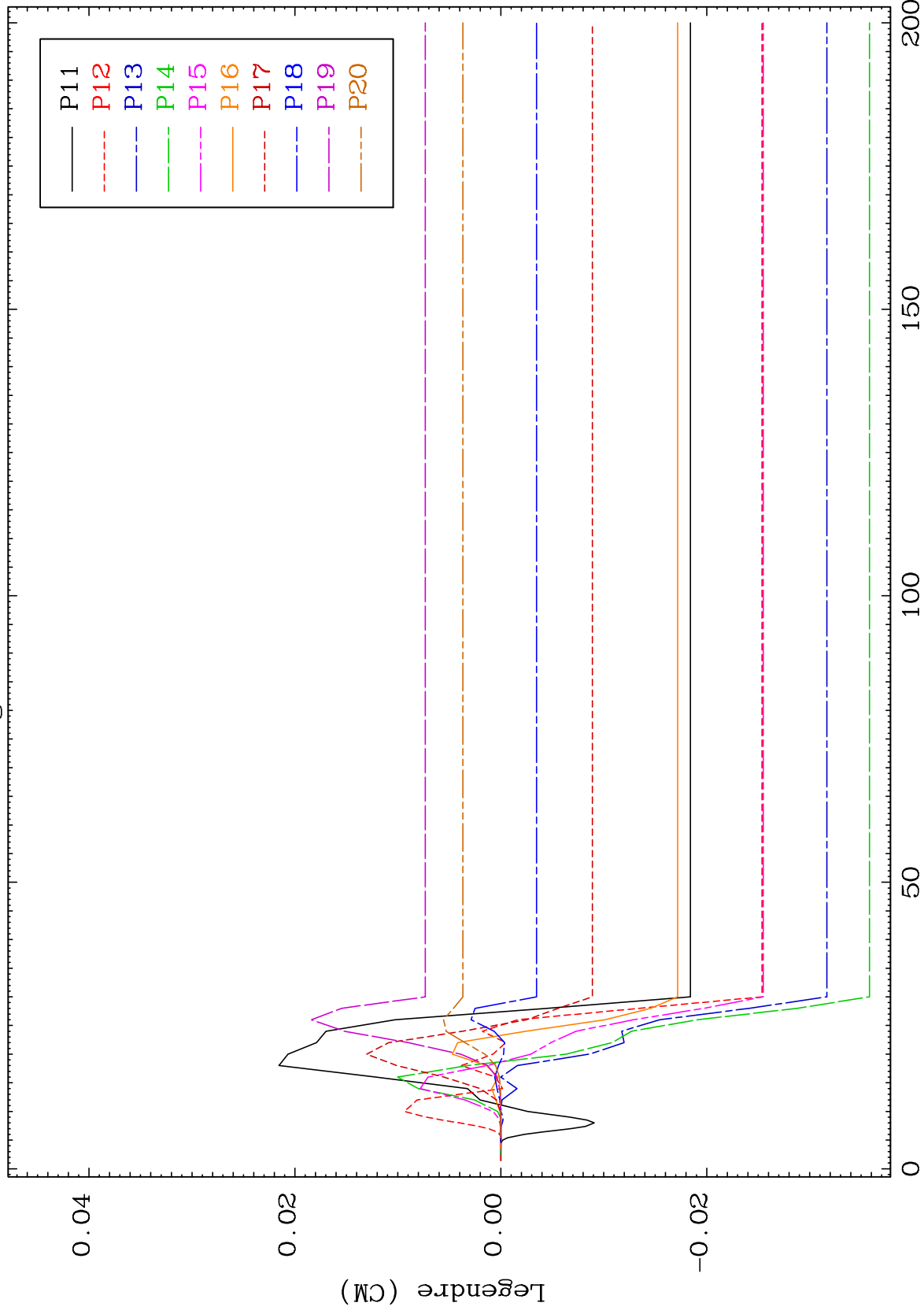
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82-Pb-201

MAT 8216

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

82-Pb-201



24

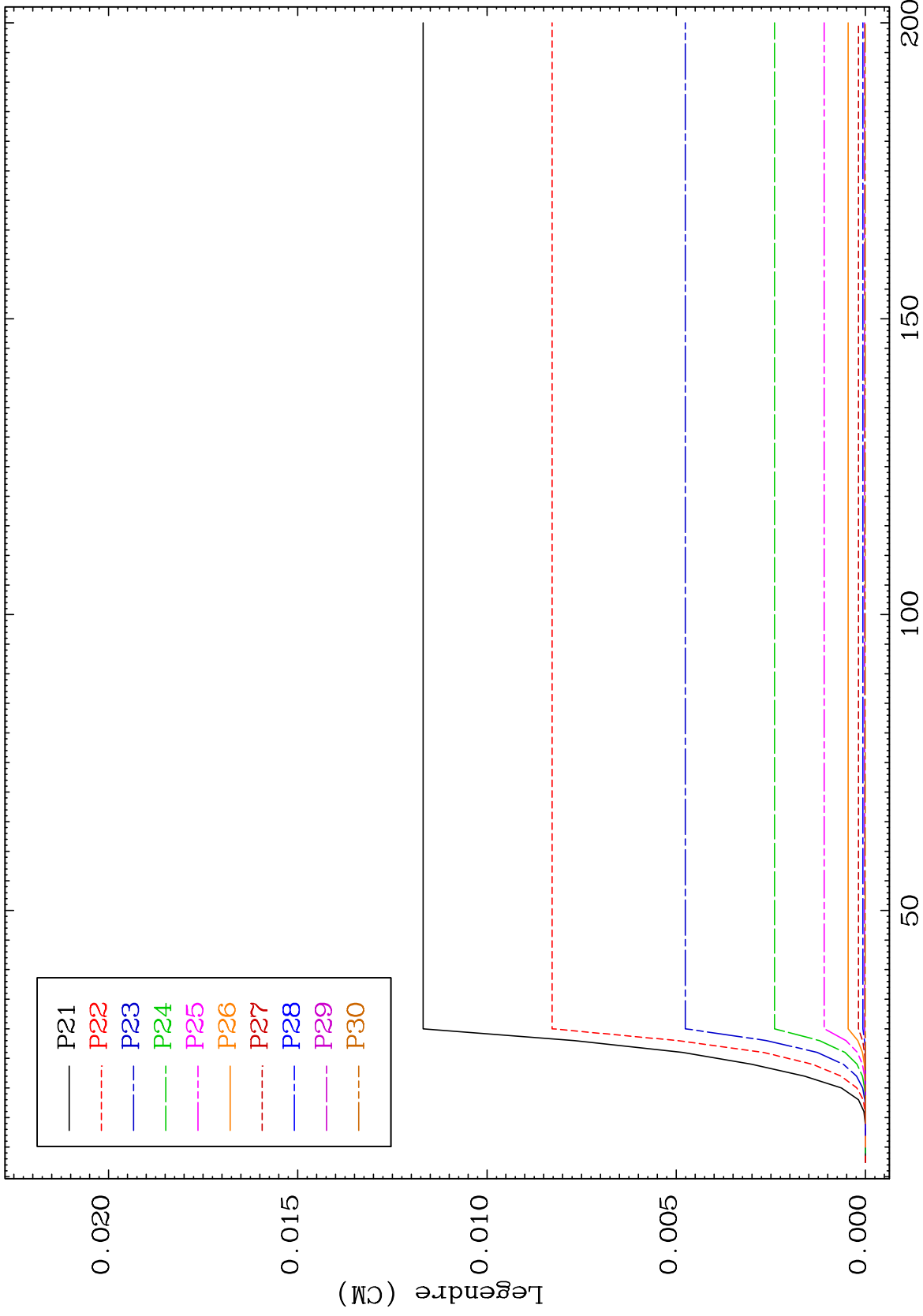
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



25

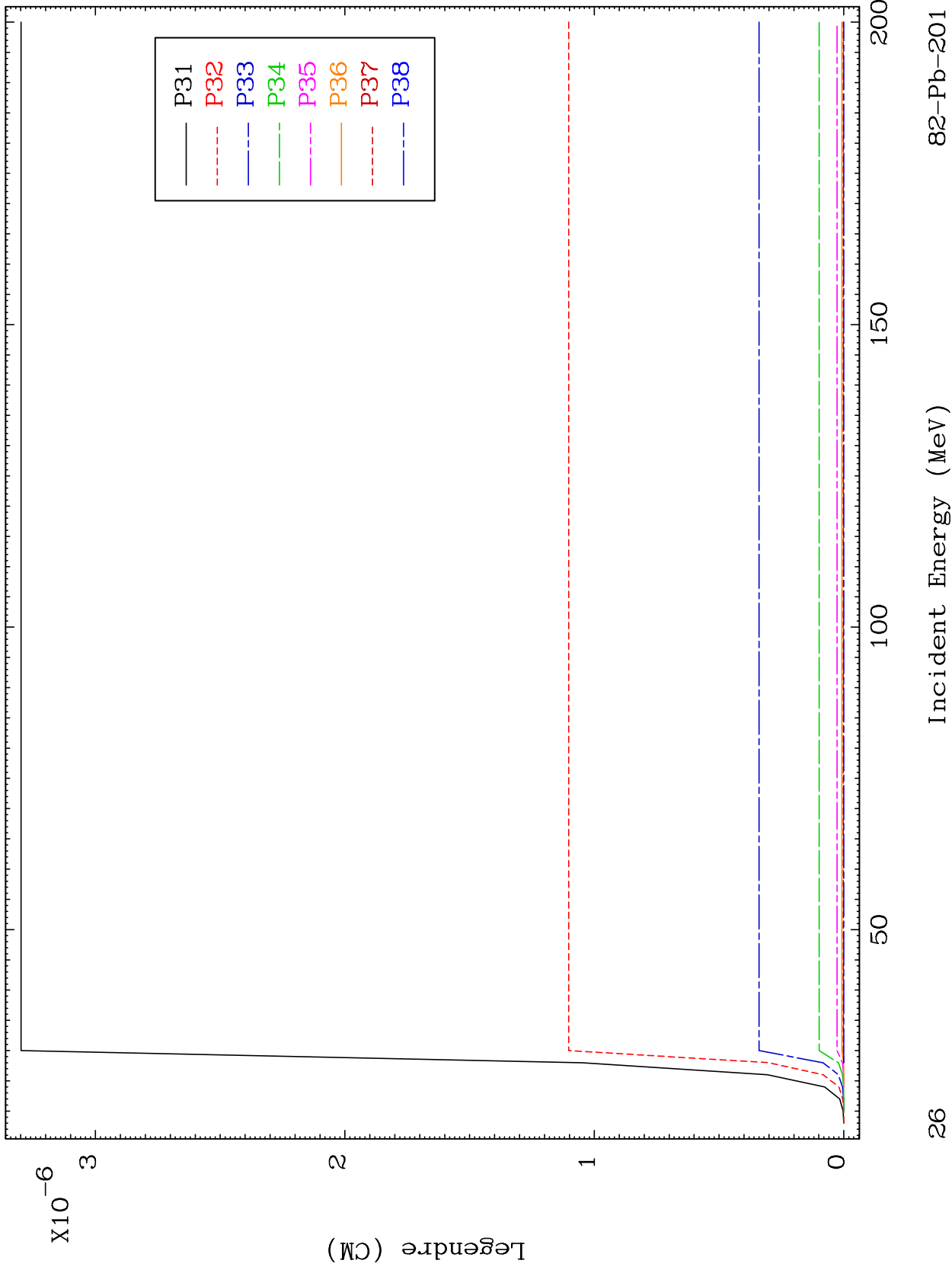
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



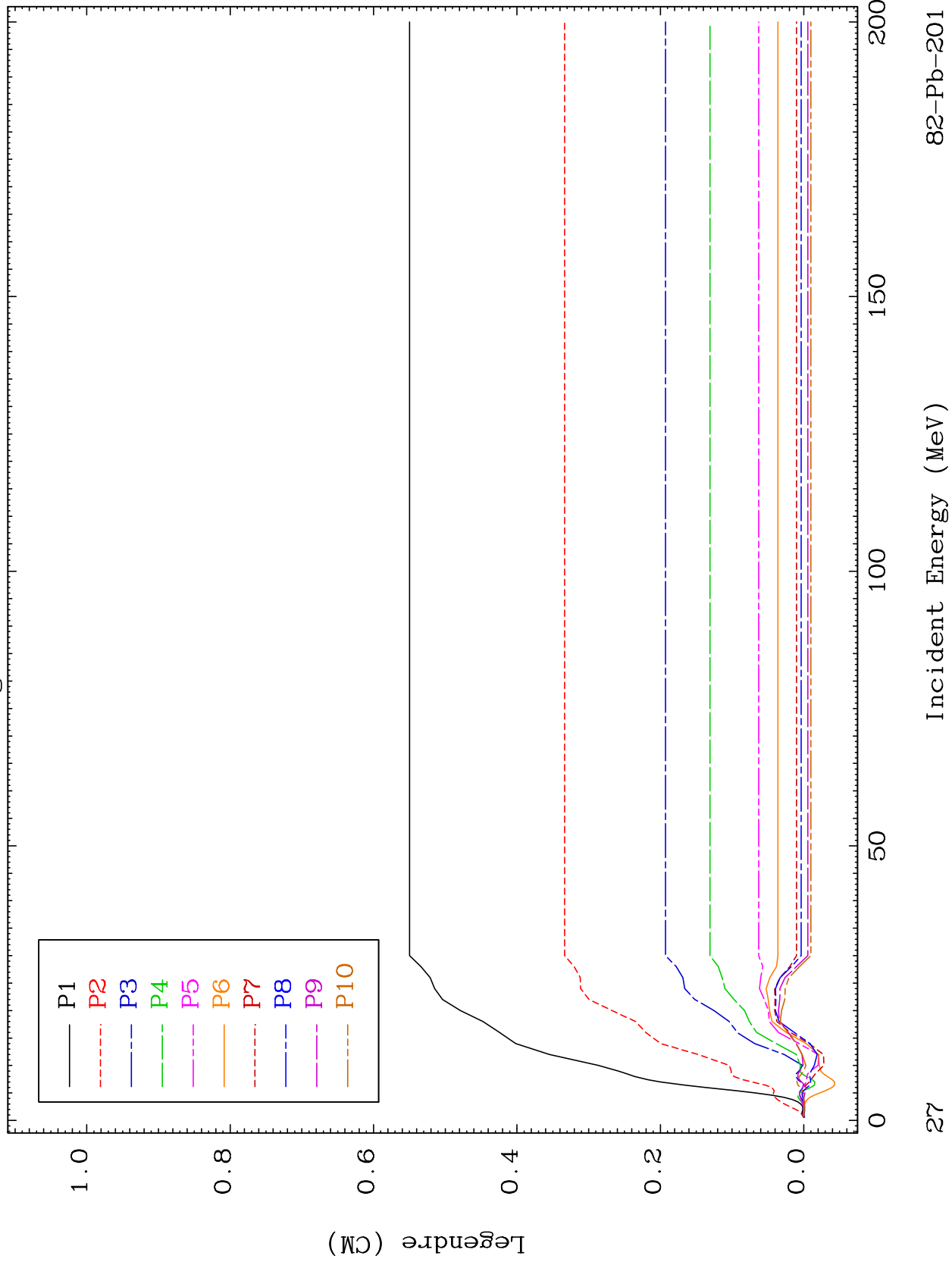
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82-Pb-201

MAT 8216

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

82-Pb-201



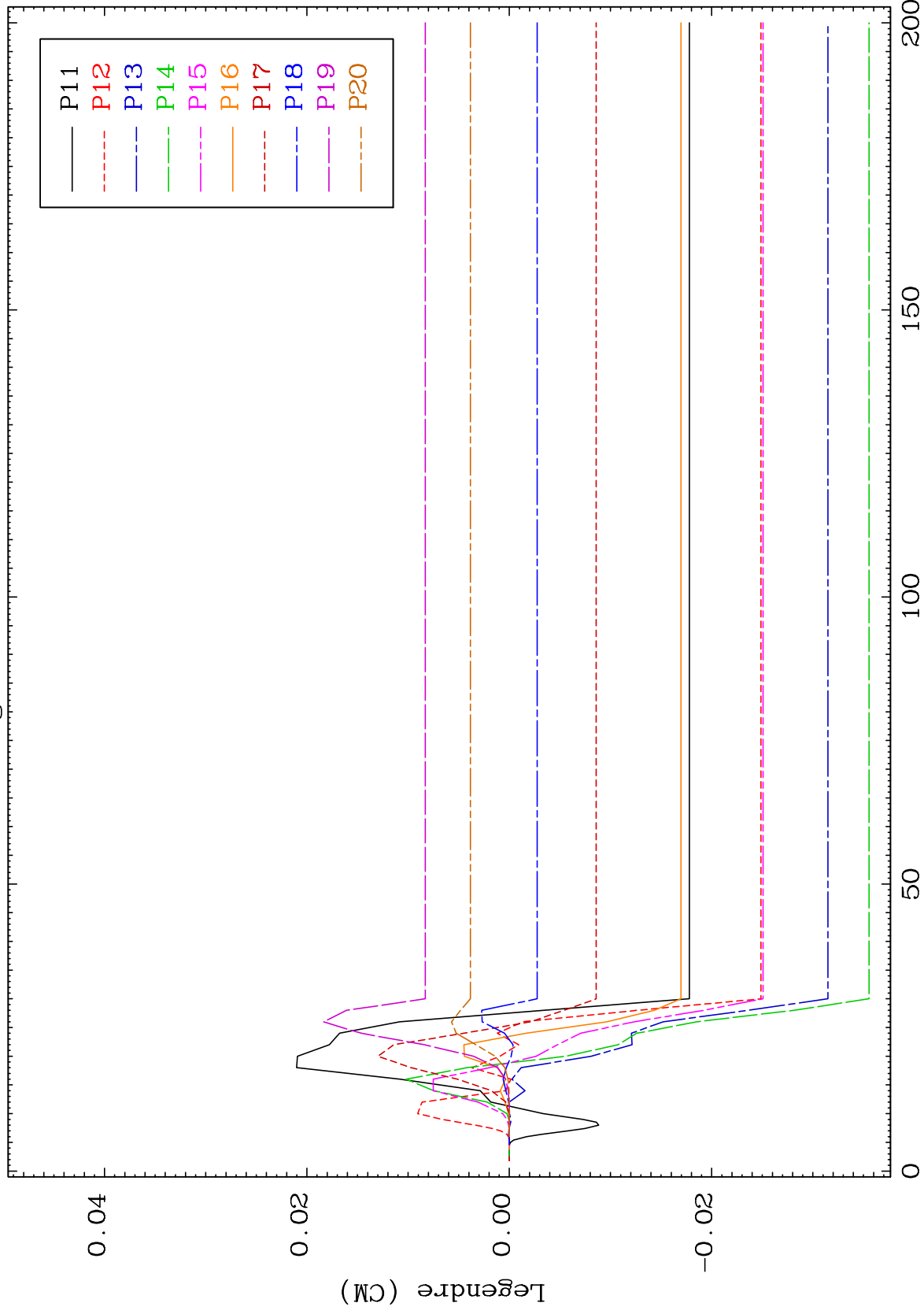
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82-Pb-201

MAT 8216

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

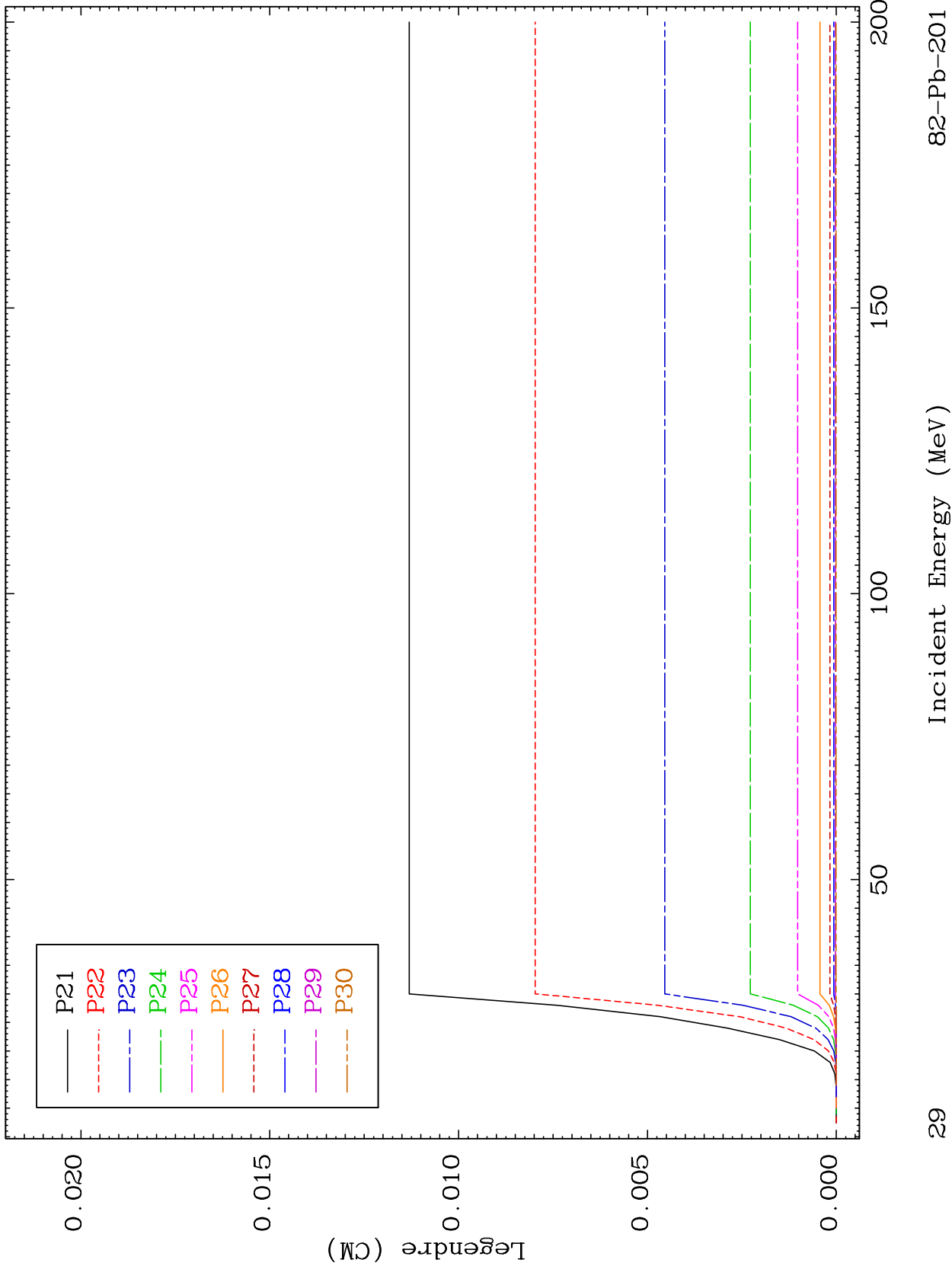
82-Pb-201



28

Incident Energy (MeV)

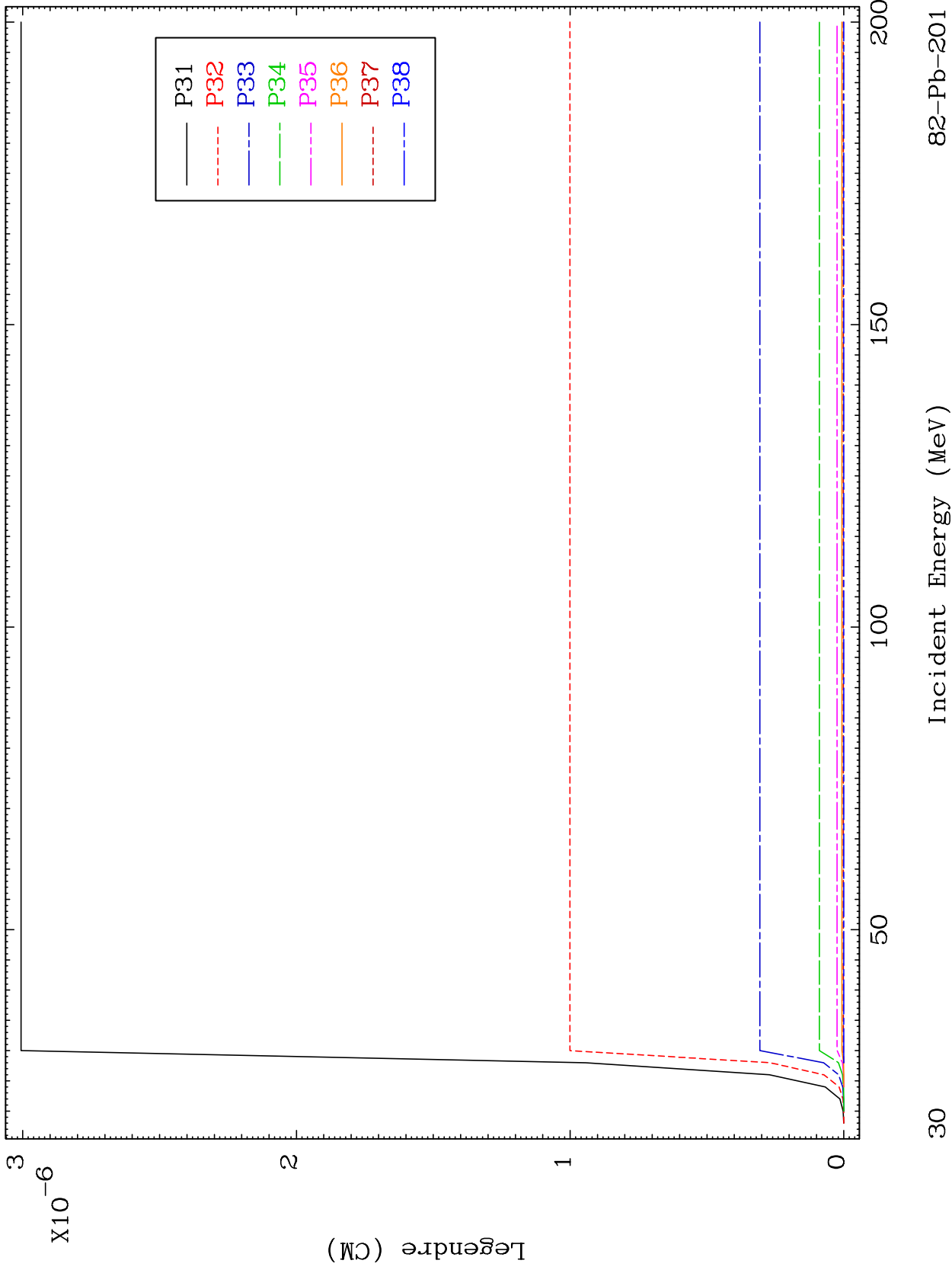
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MAT 8216

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

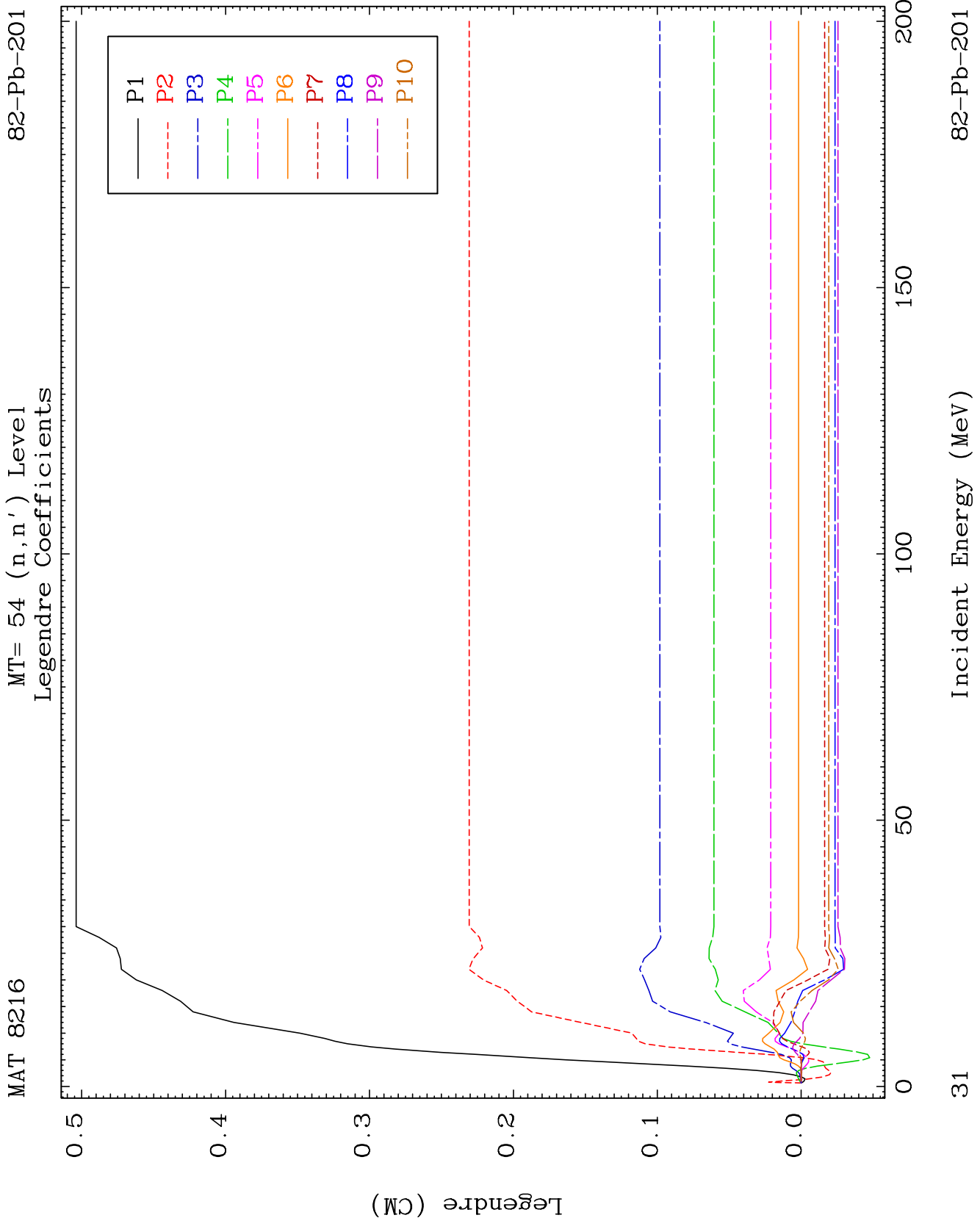
82-Pb-201



82-Pb-201

Incident Energy (MeV)

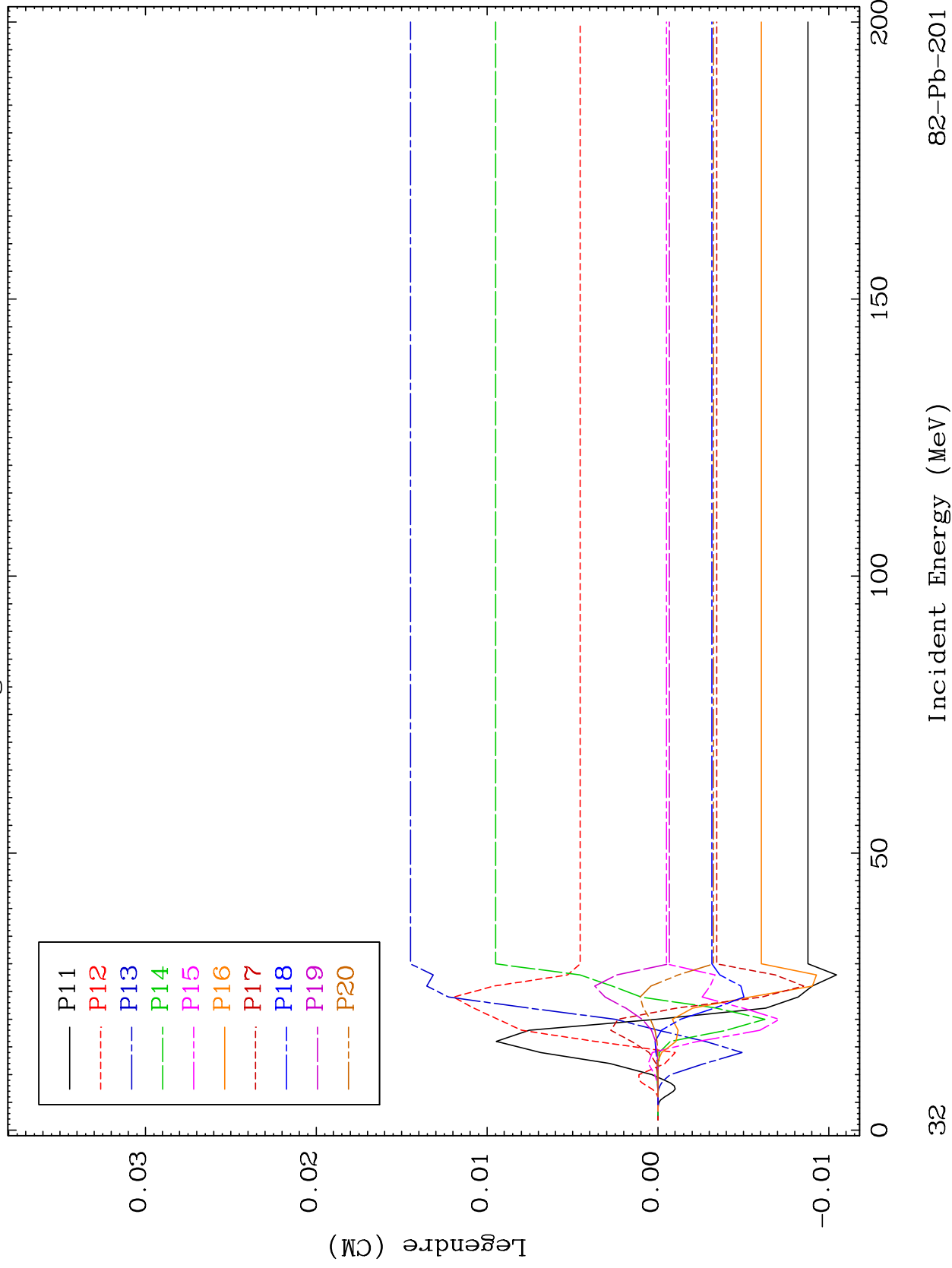
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MAT 8216

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

82-Pb-201

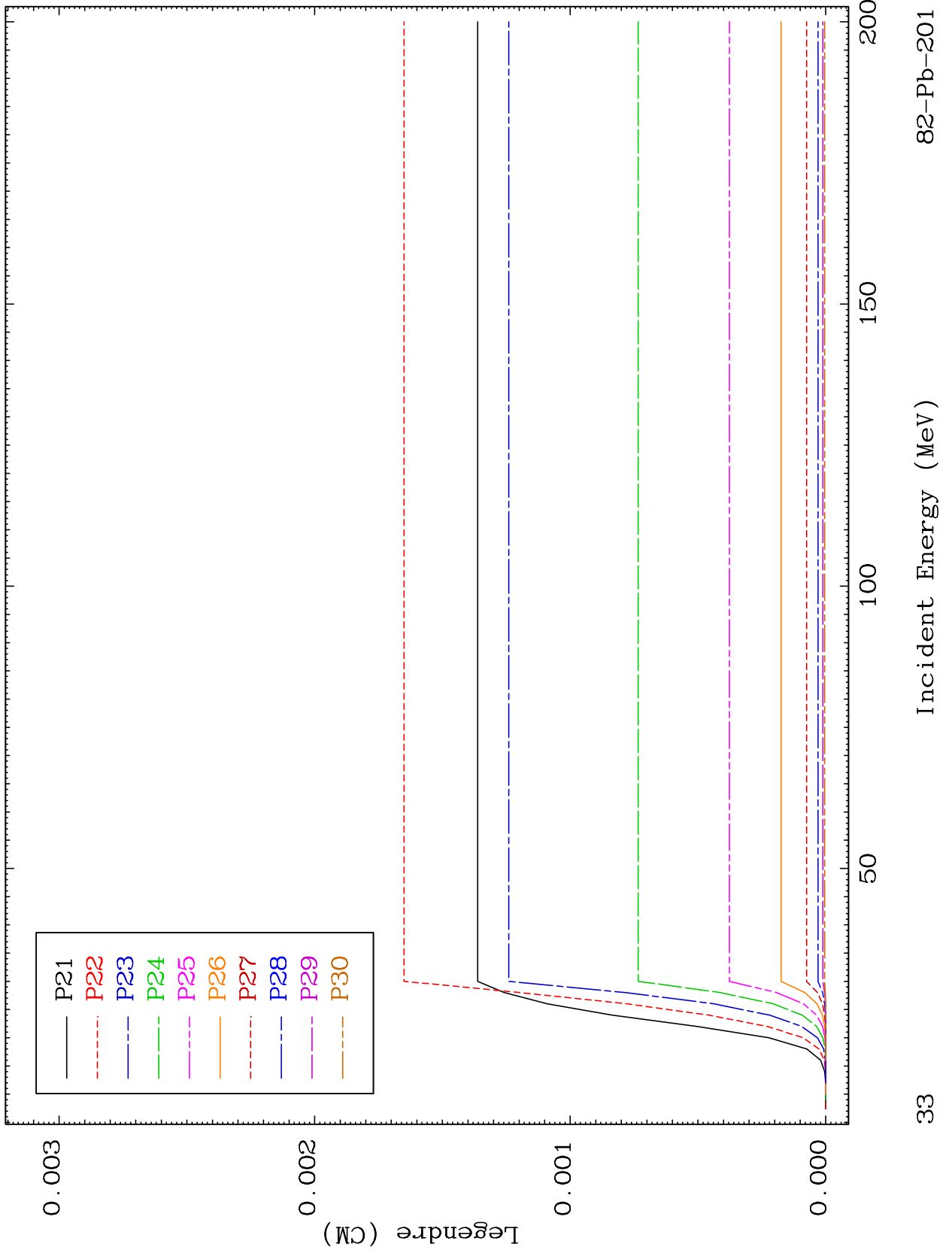


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MAT 8216

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

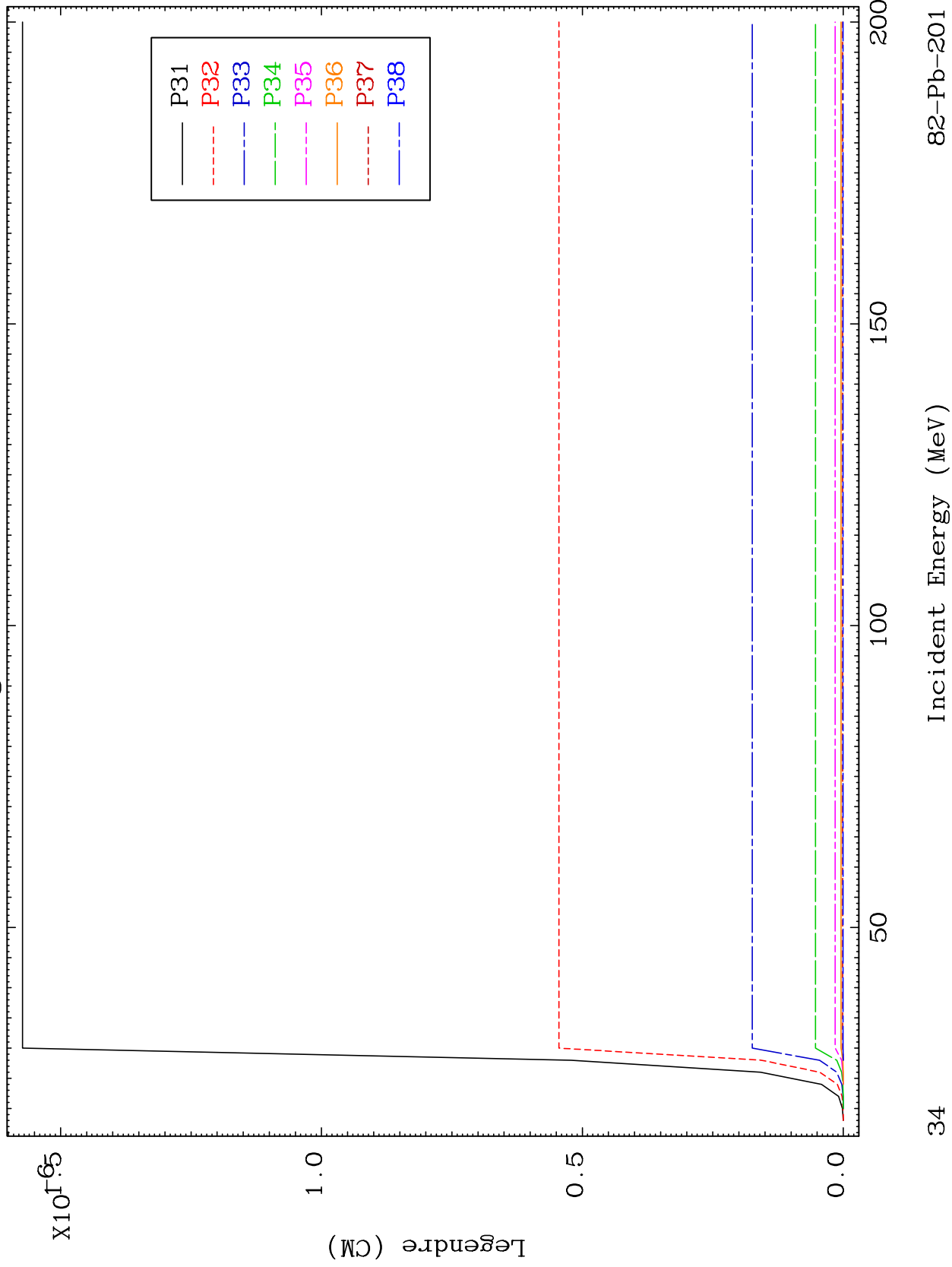
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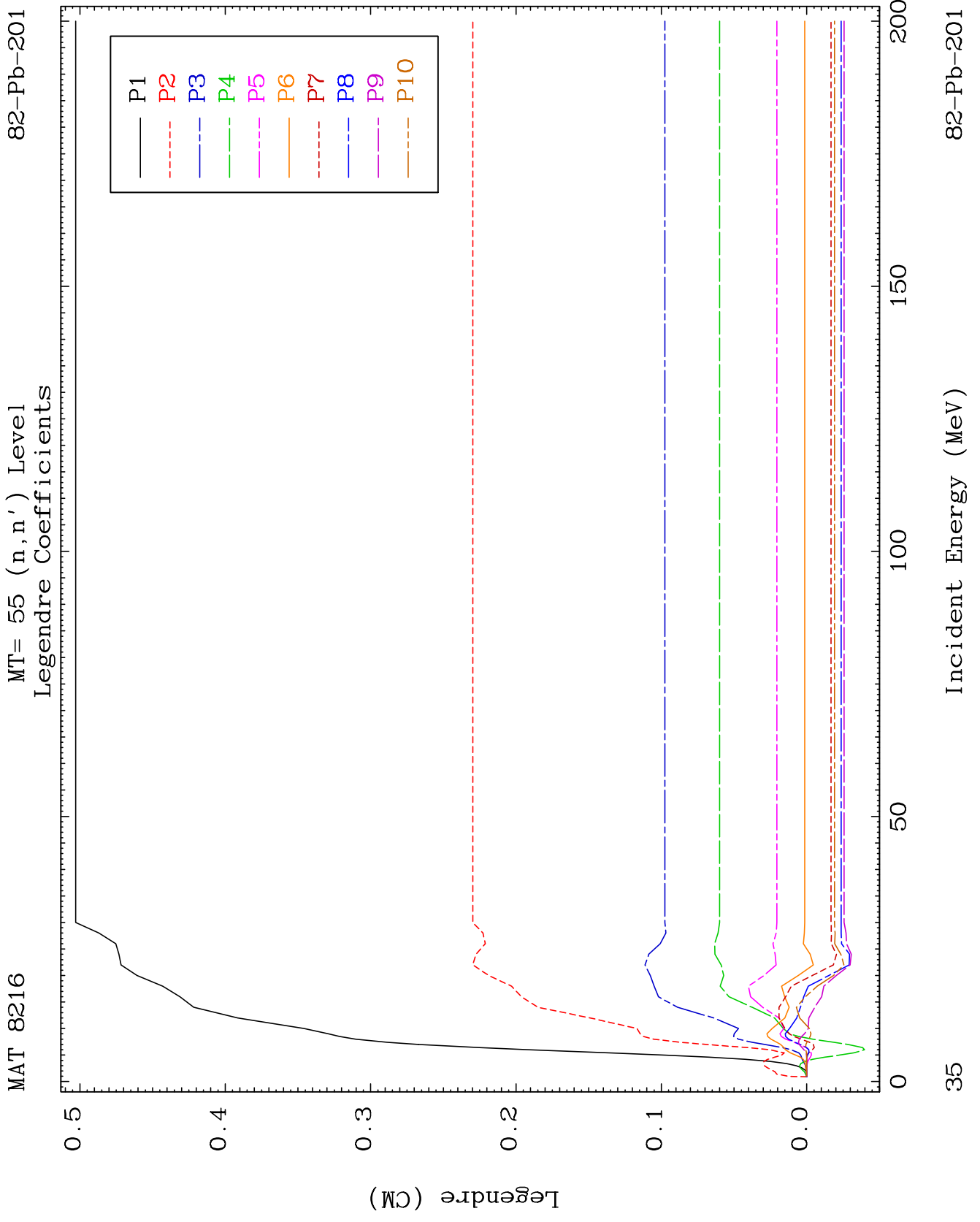


MAT 8216

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

82-Pb-201

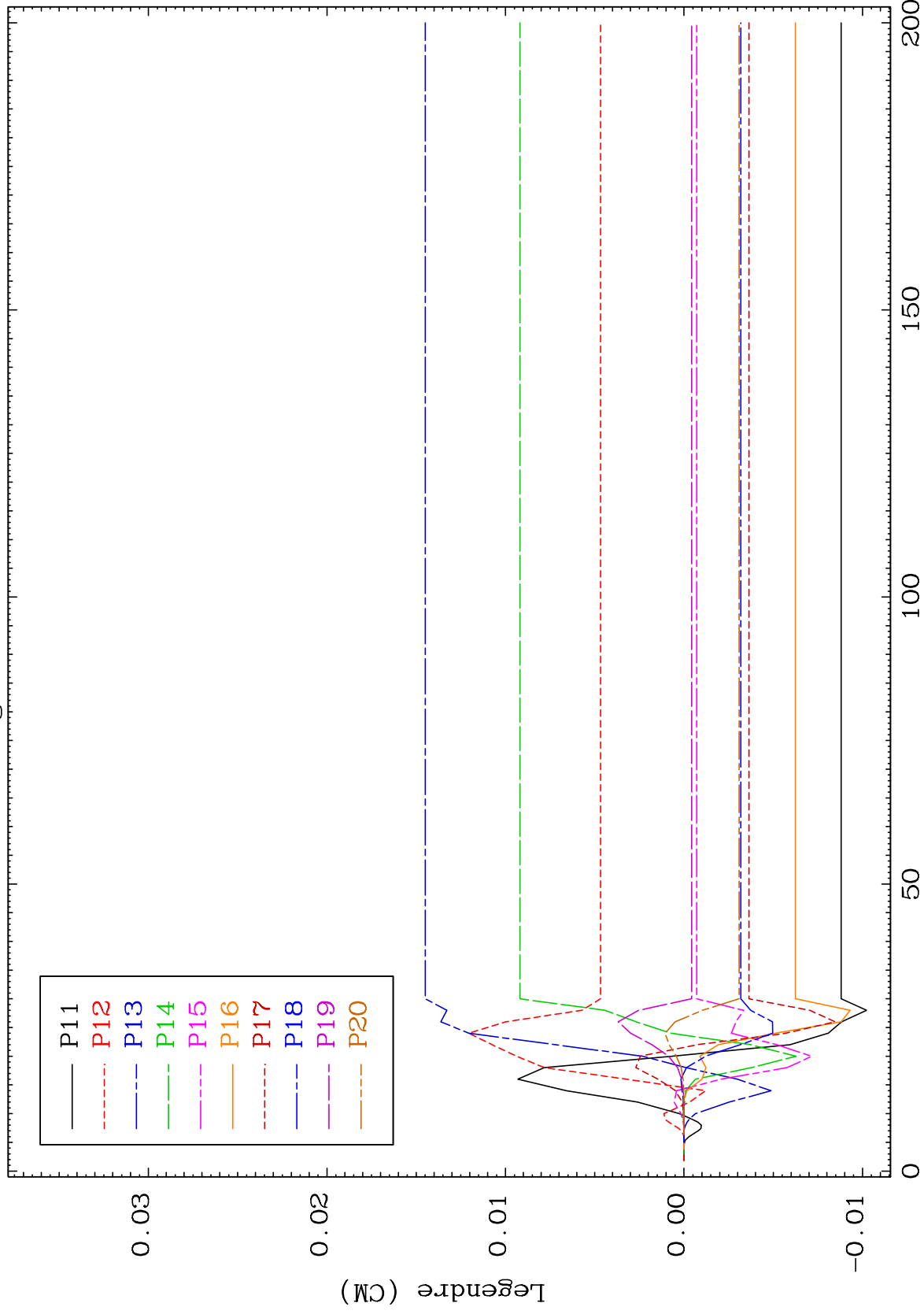




MAT 8216

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

82-Pb-201



36

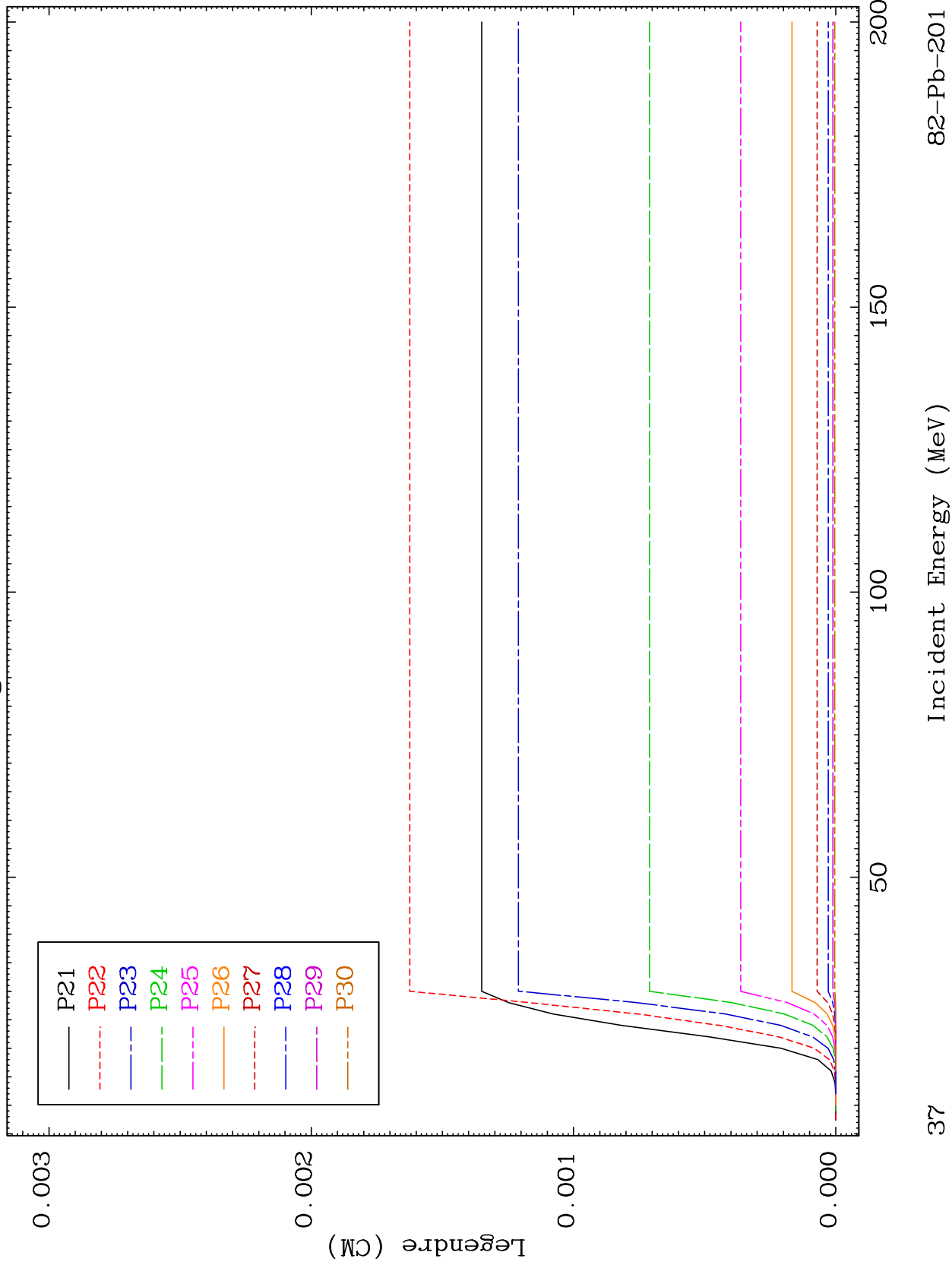
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

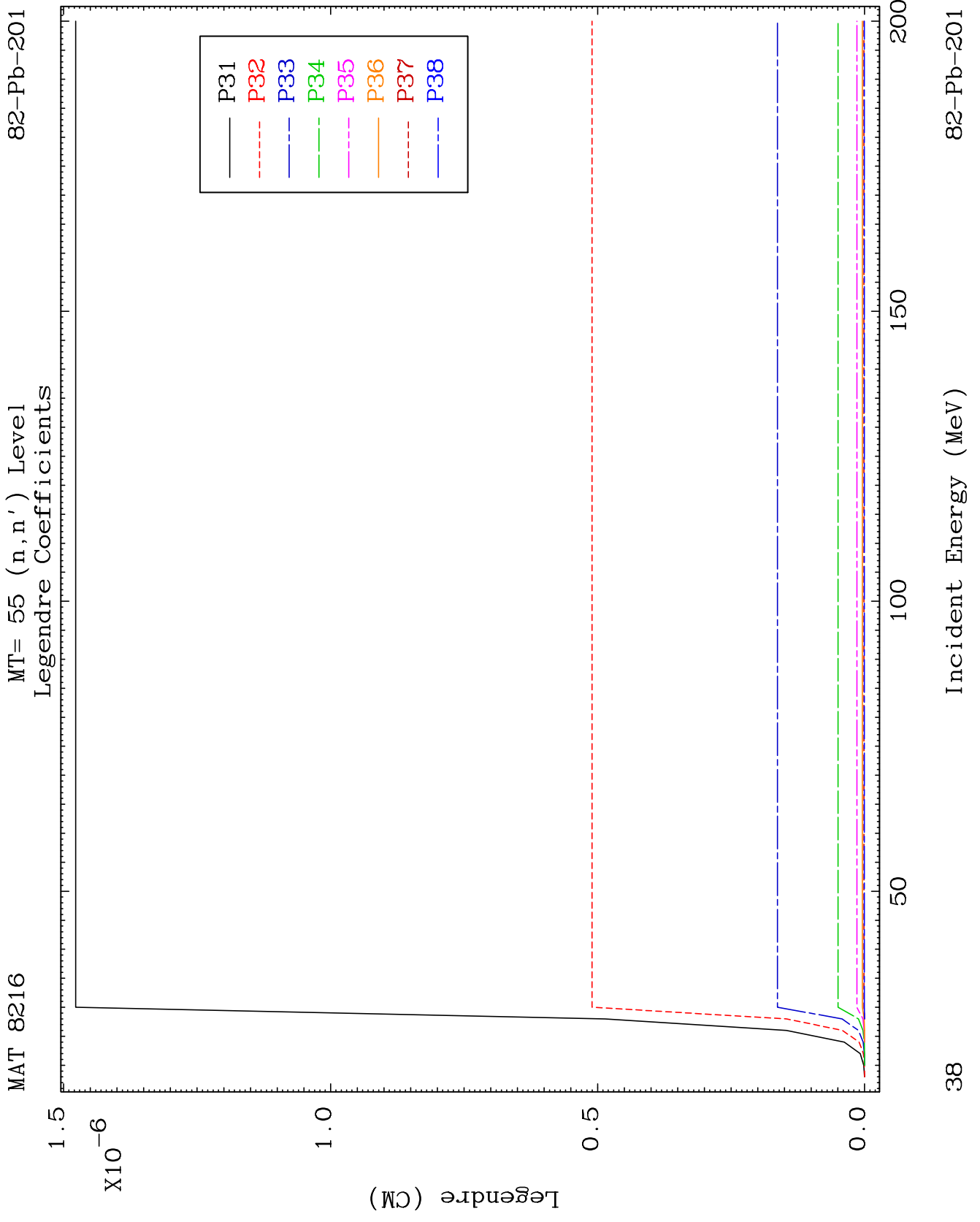
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37

Incident Energy (MeV)

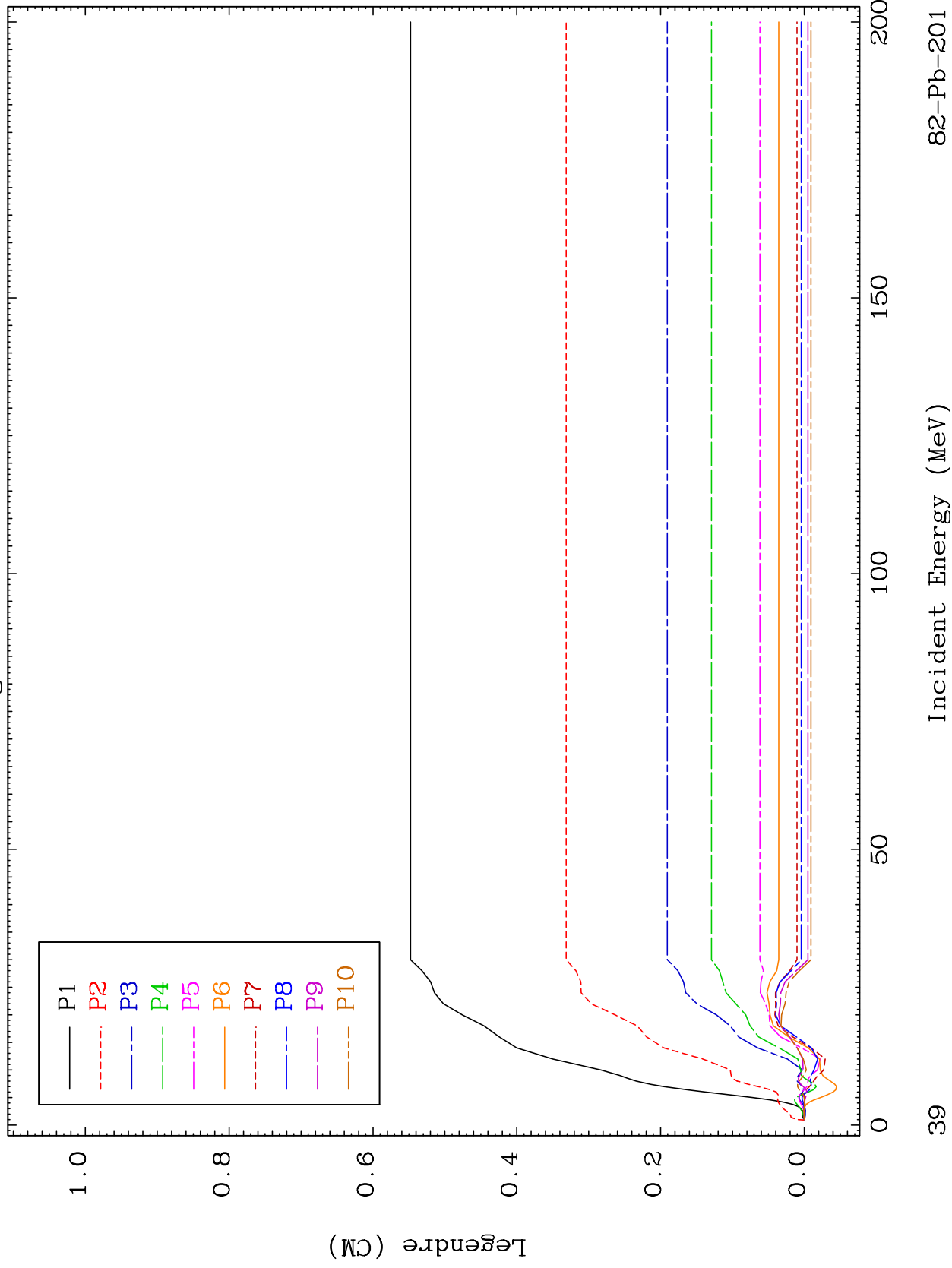
82-Pb-201



MAT 8216

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

82-Pb-201



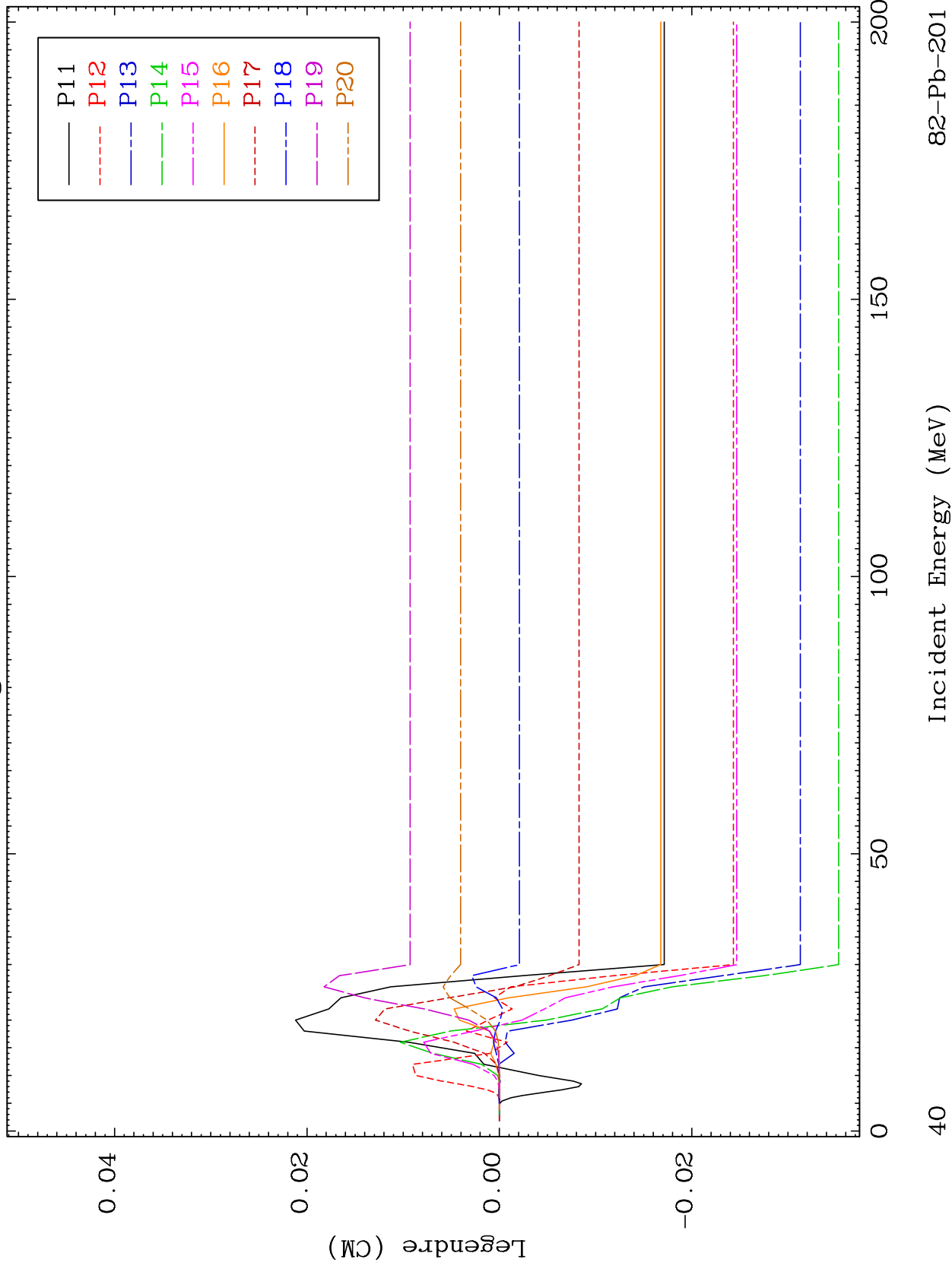
39

82-Pb-201

MAT 8216

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

82-Pb-201



82-Pb-201

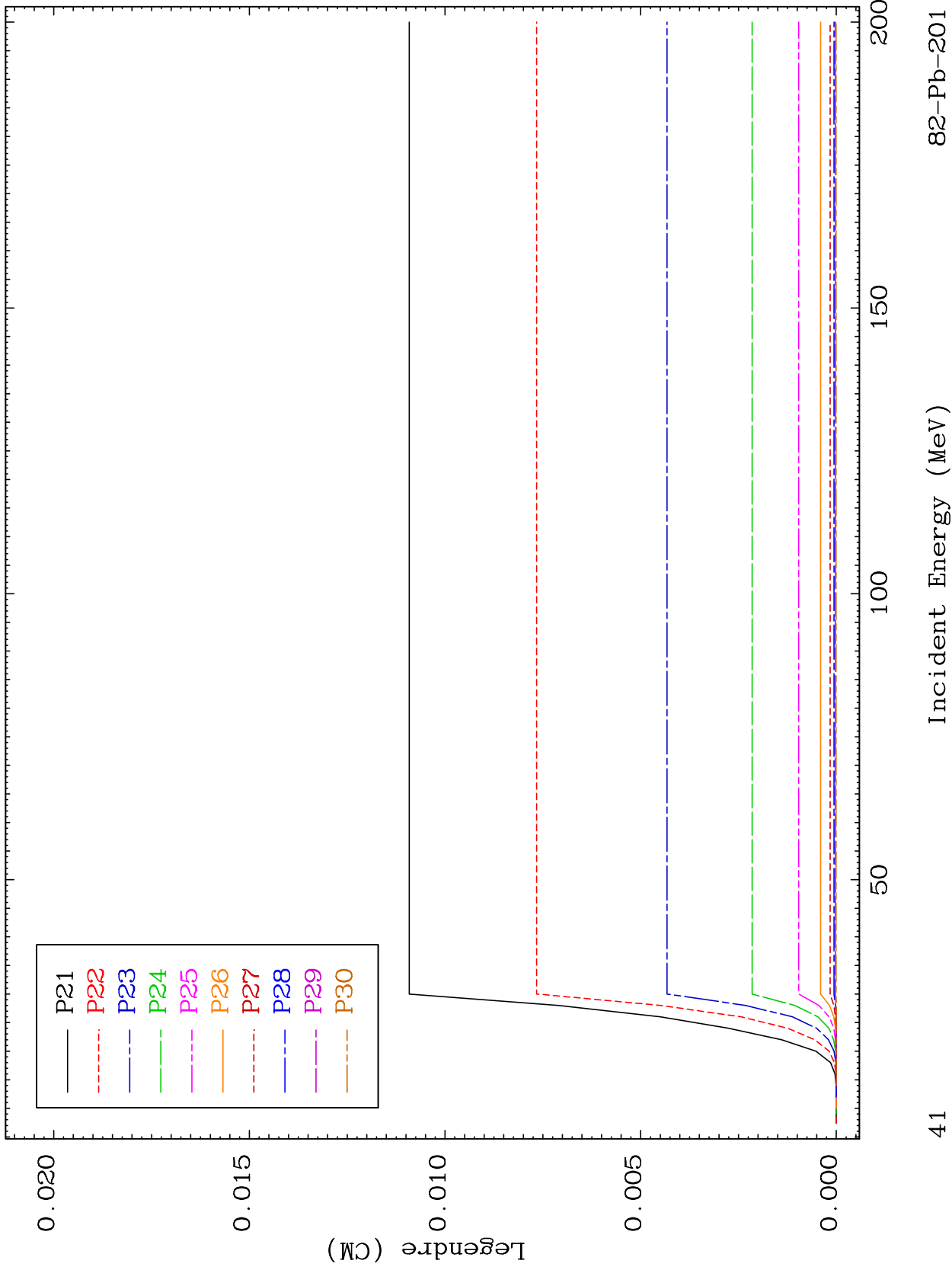
Incident Energy (MeV)

40

MAT 8216

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

82-Pb-201



41

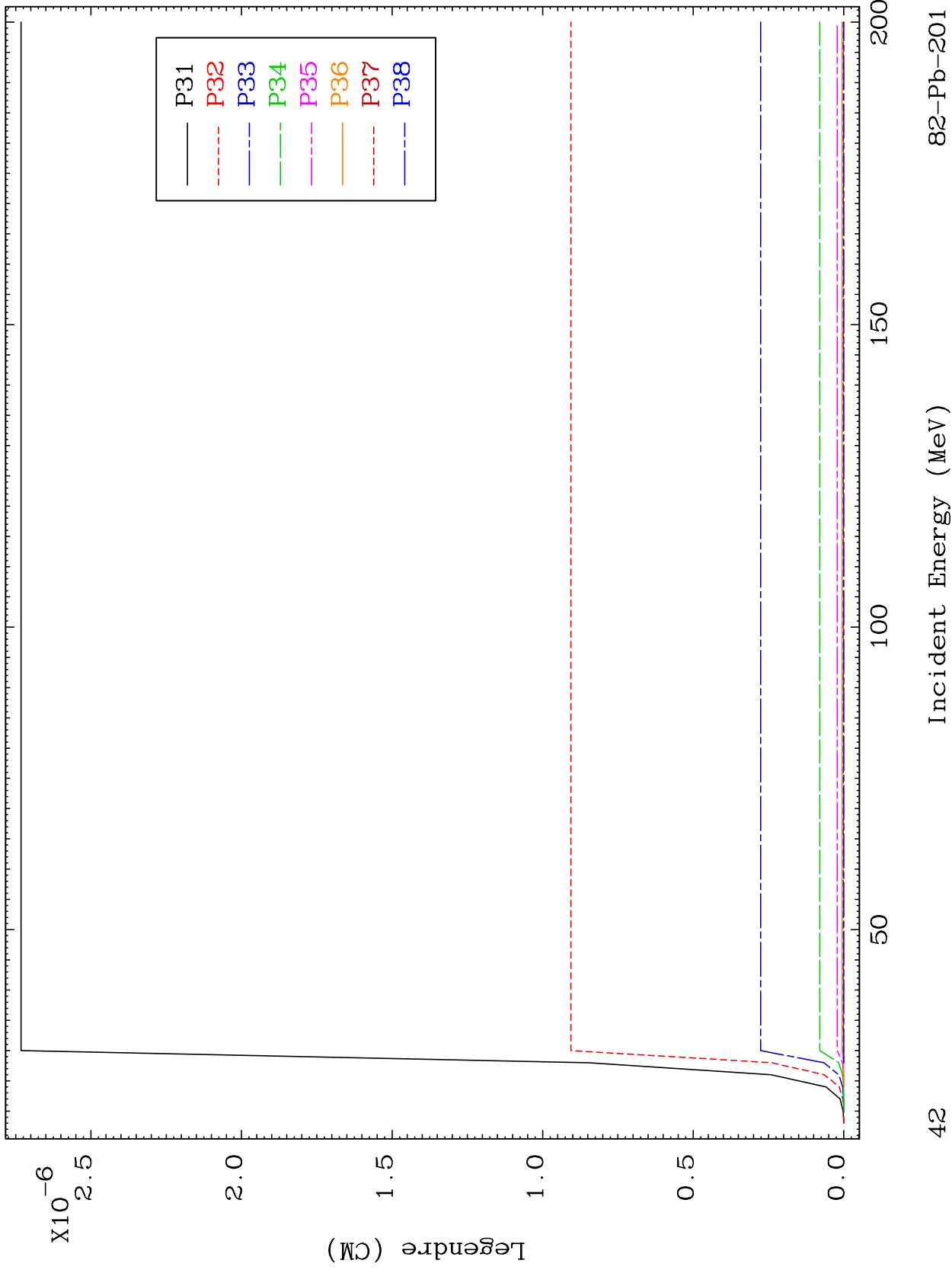
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

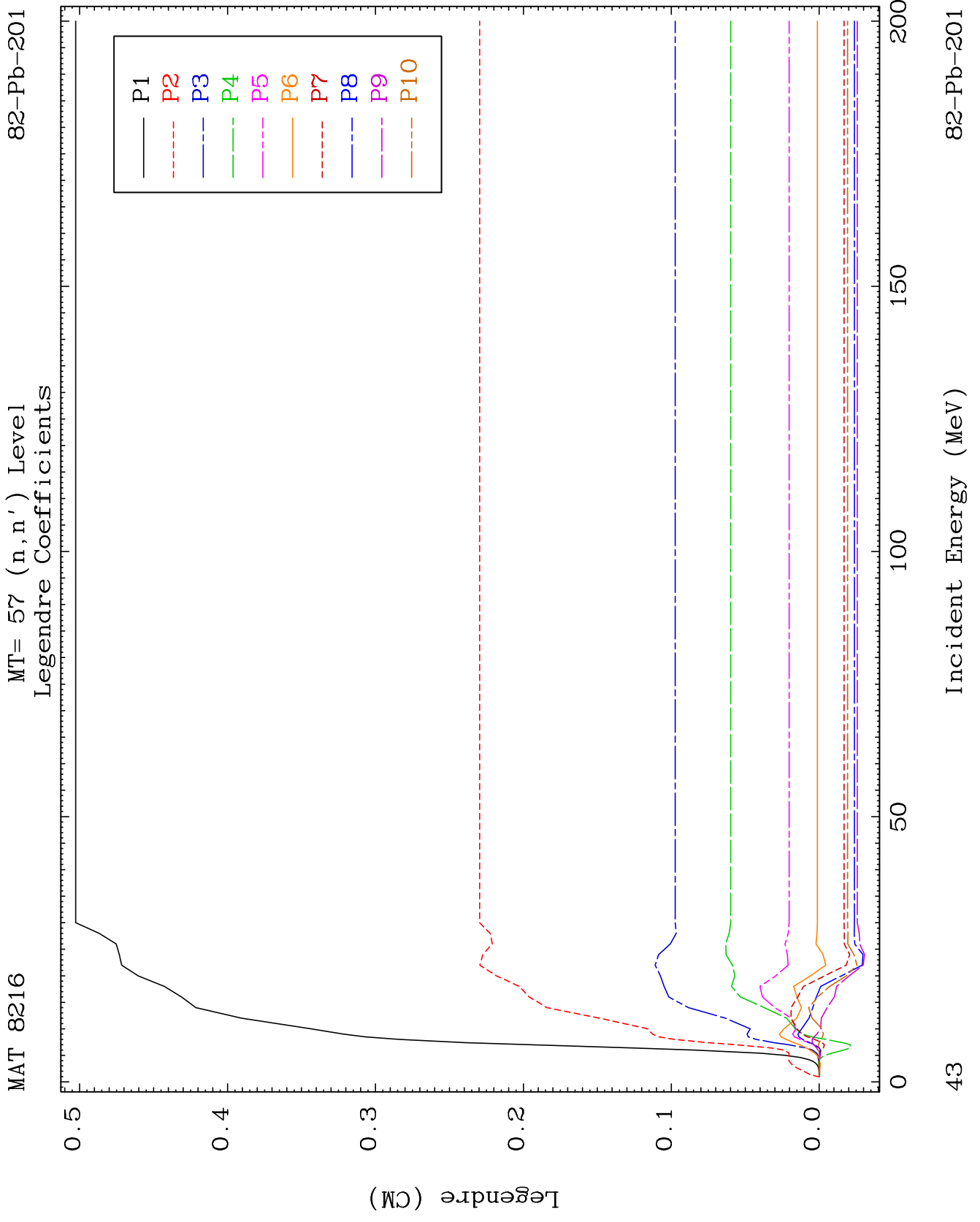
82-Pb-201



42

Incident Energy (MeV)

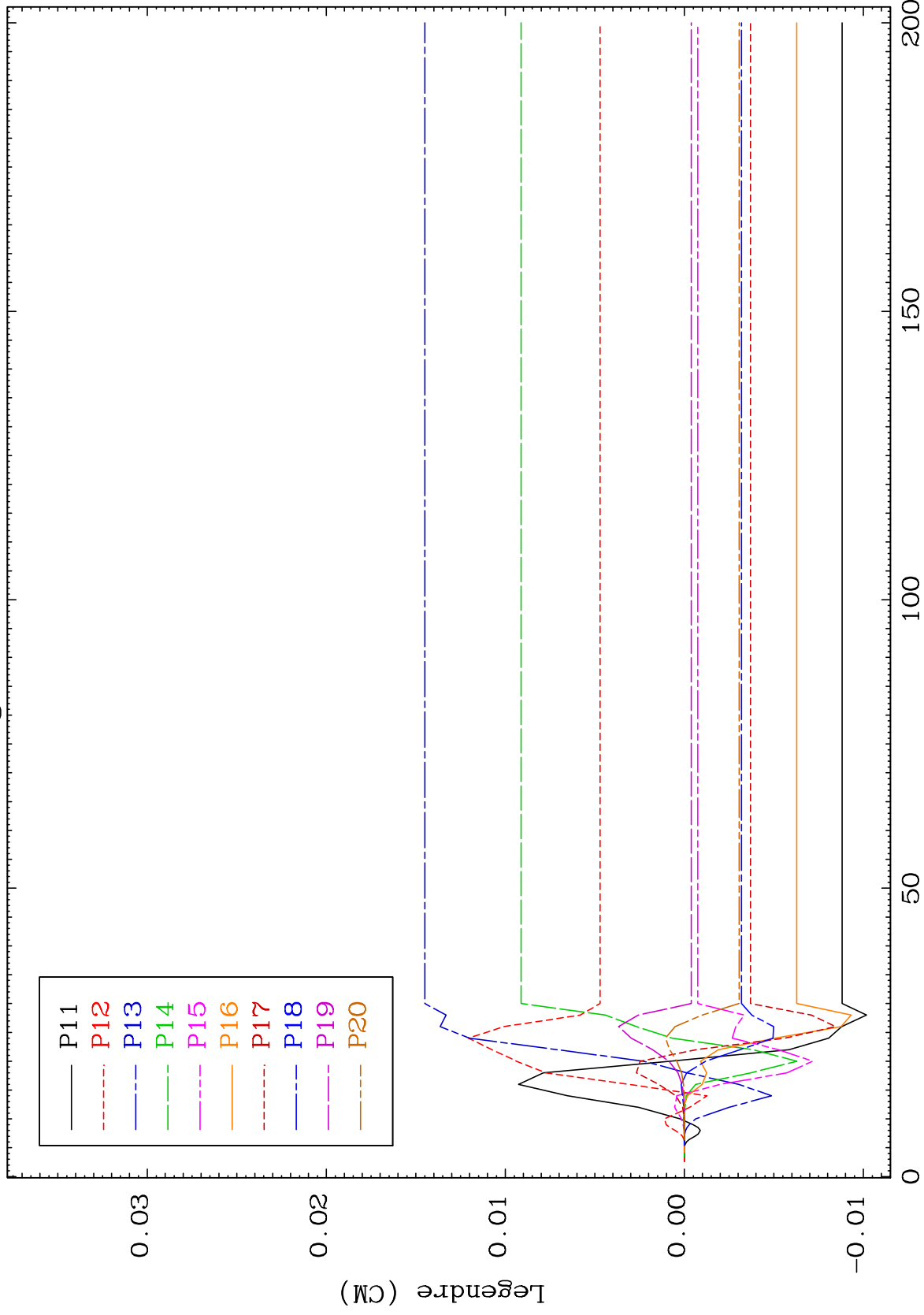
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MAT 8216

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

82-Pb-201



44

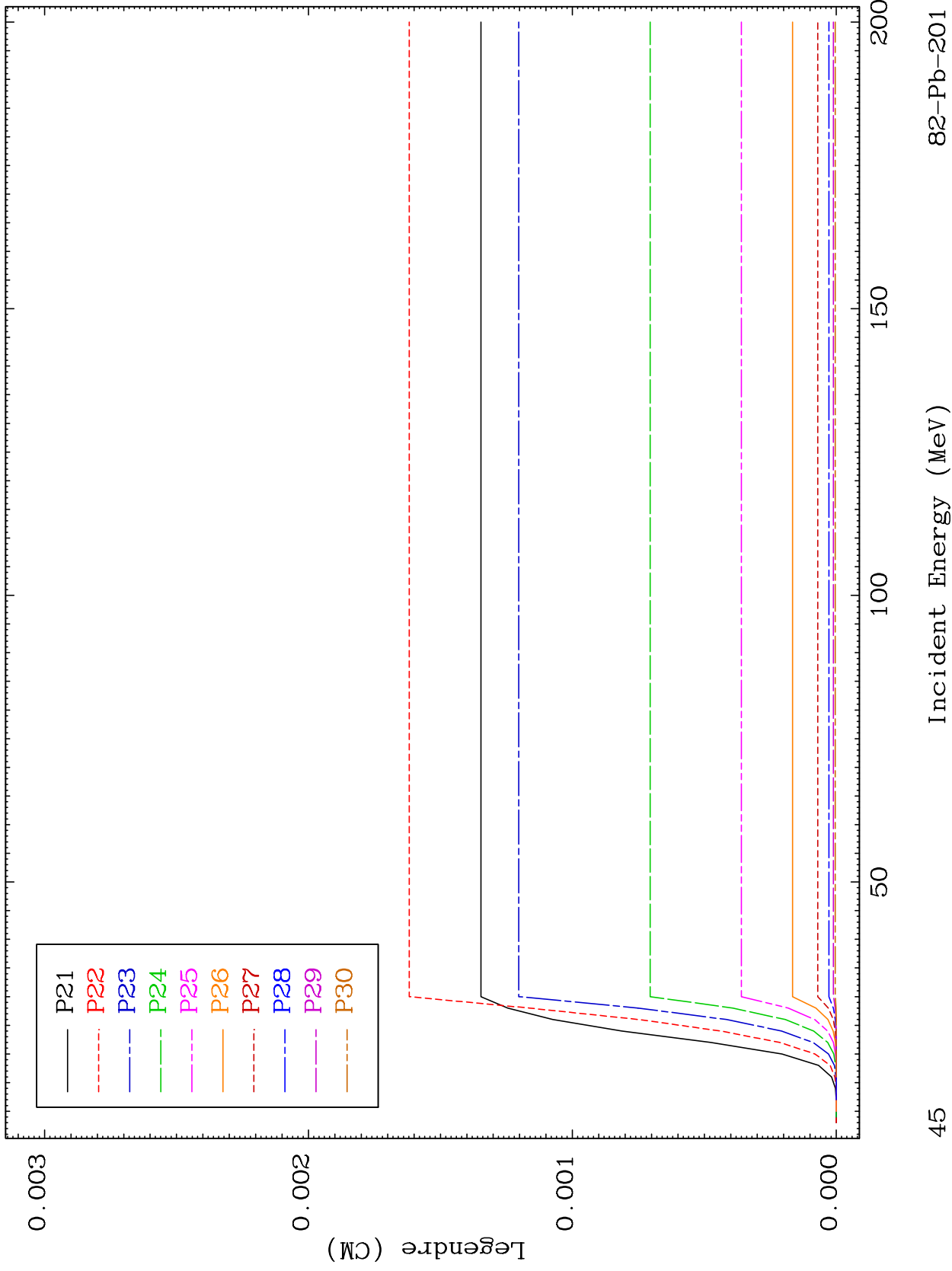
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



45

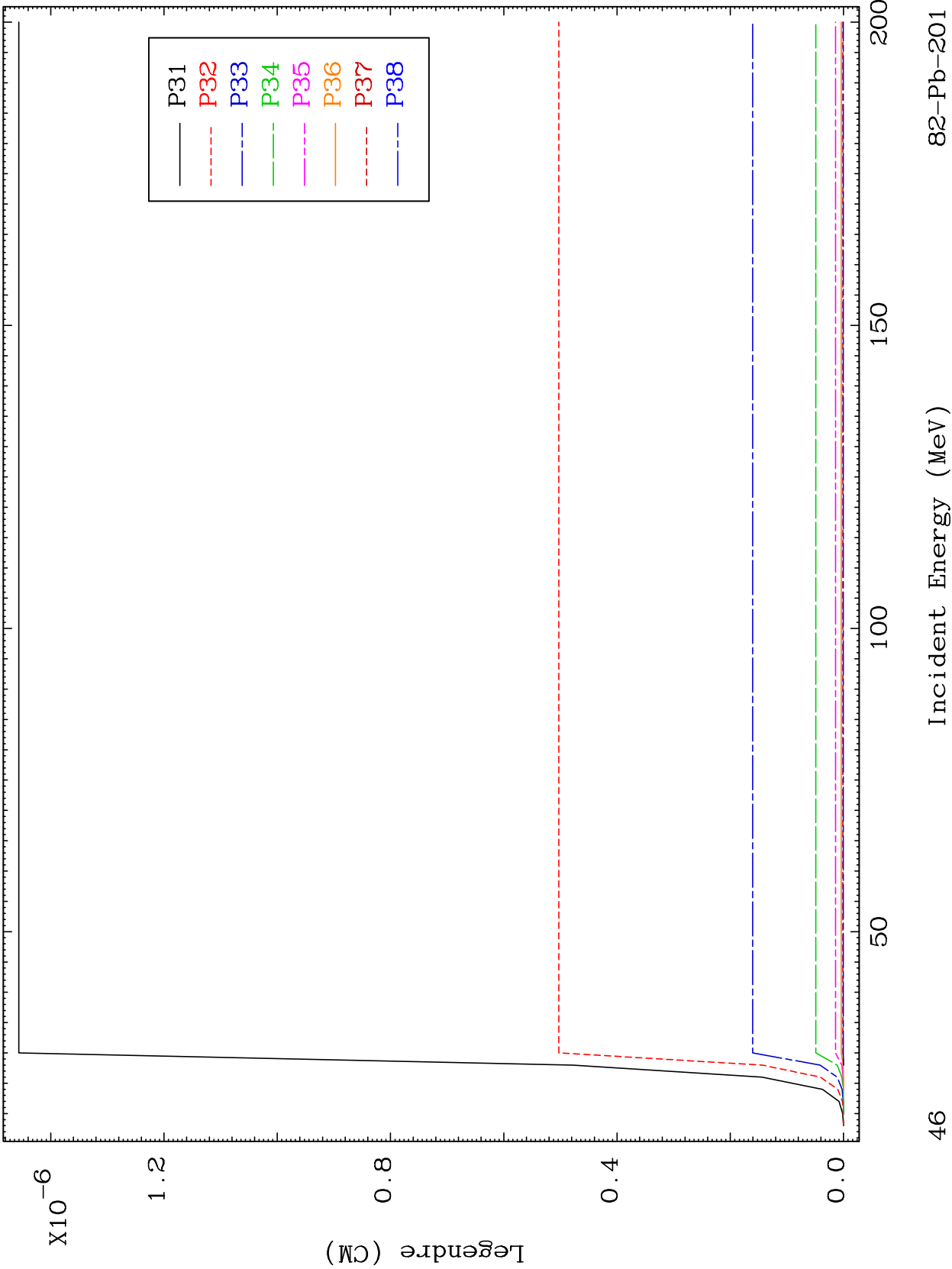
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

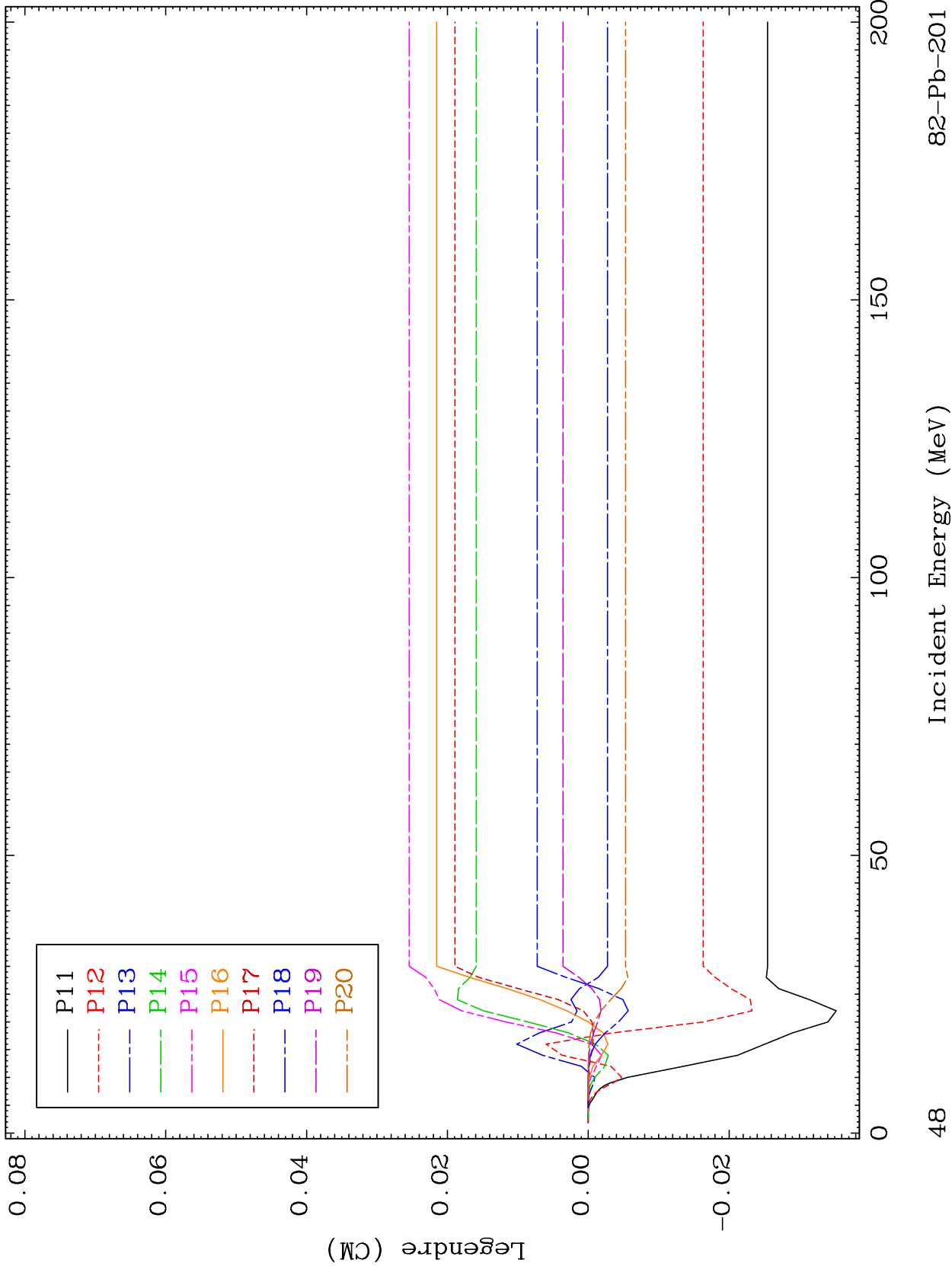
82-Pb-201



MAT 8216

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

82-Pb-201



82-Pb-201

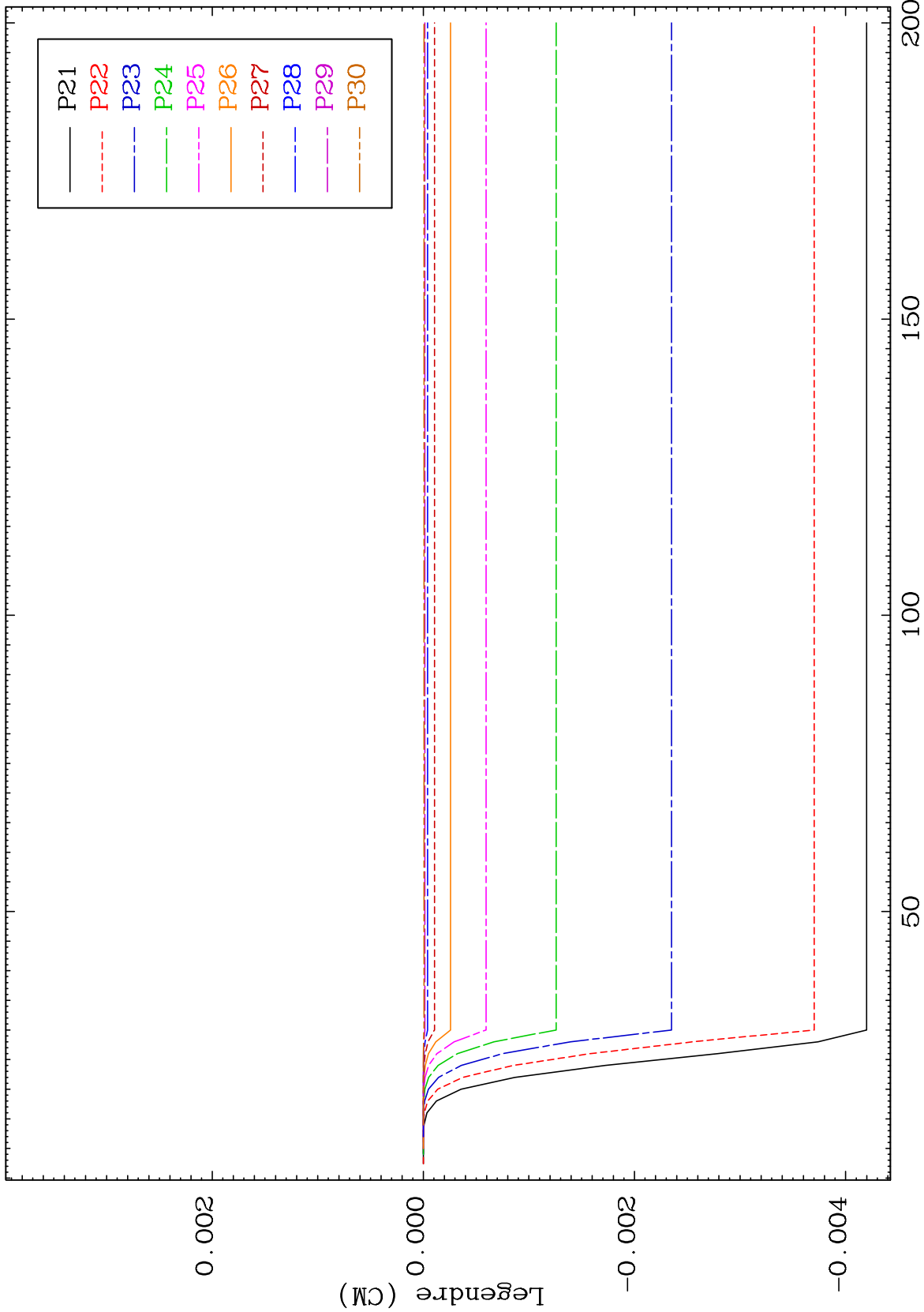
Incident Energy (MeV)

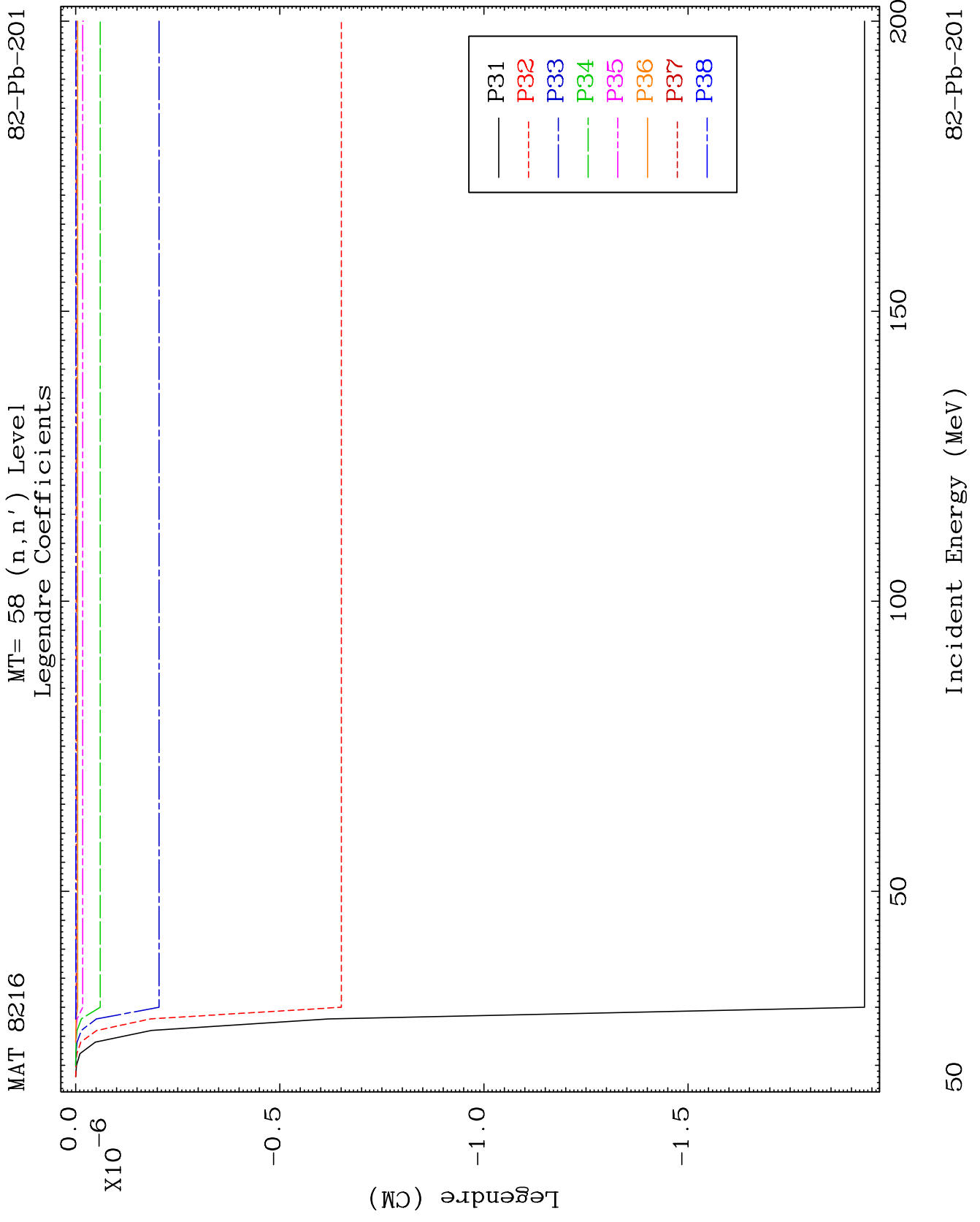
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MAT 8216

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

82-Pb-201

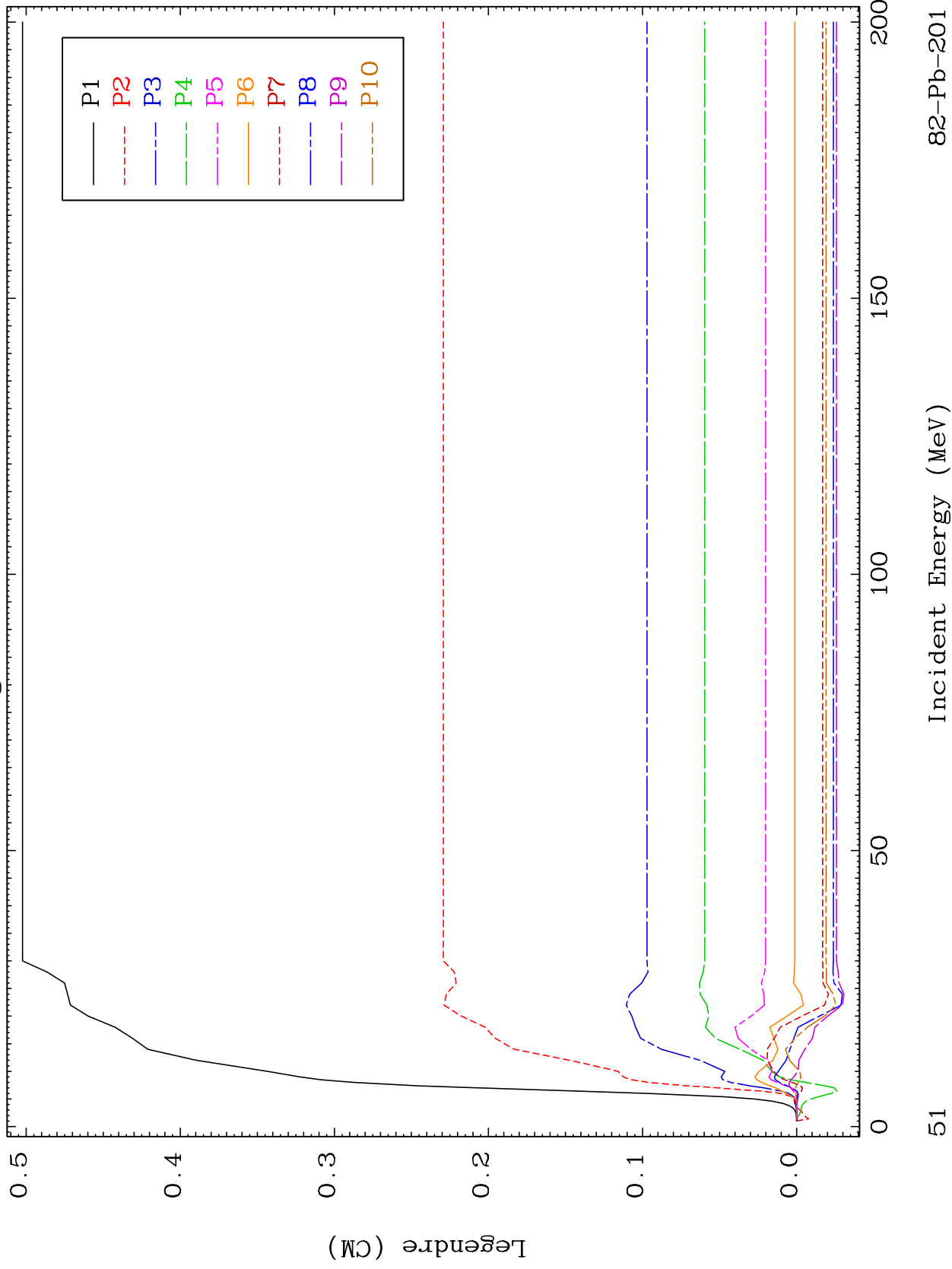




MAT 8216

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

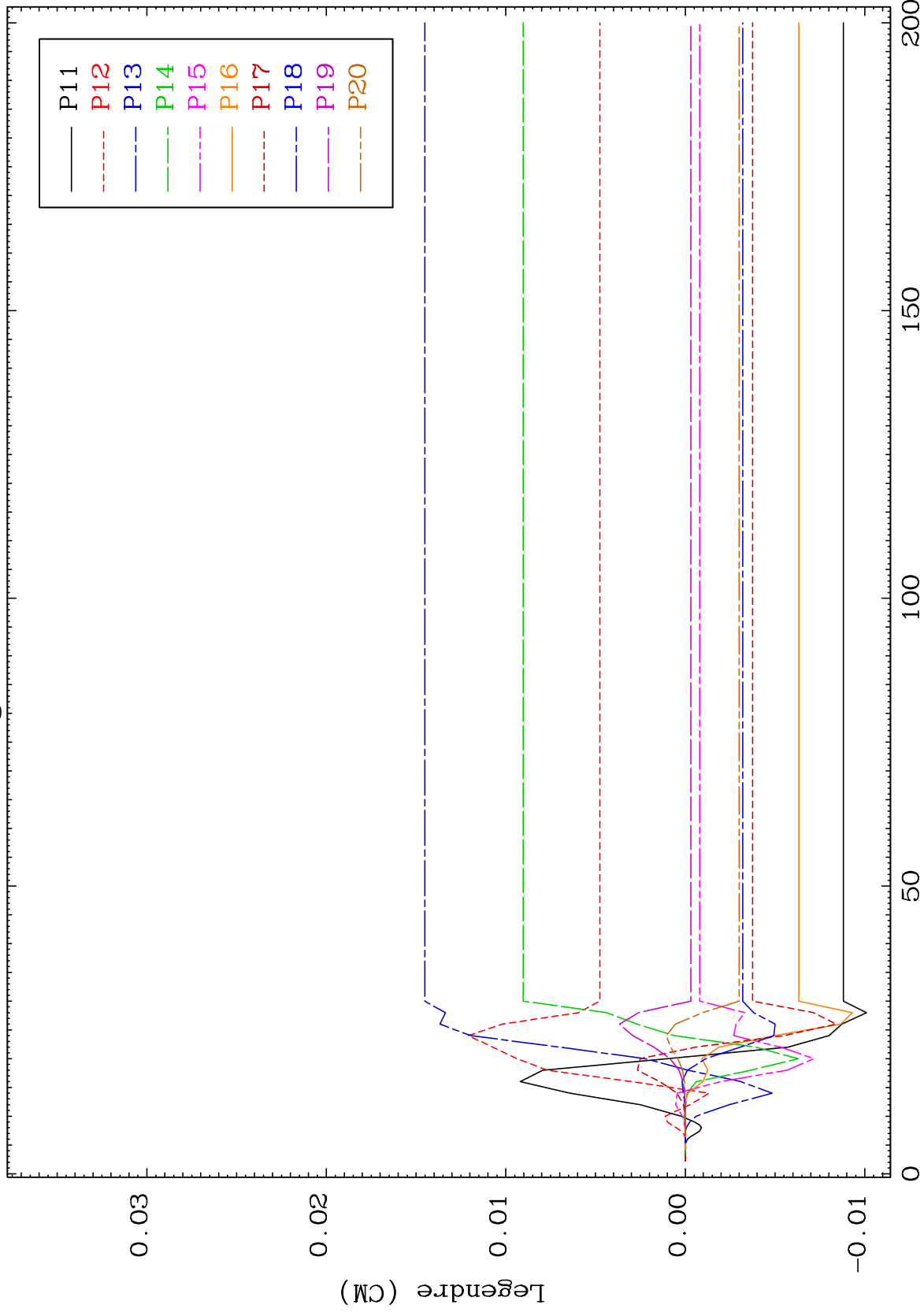
82-Pb-201



MAT 8216

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

82-Pb-201



52

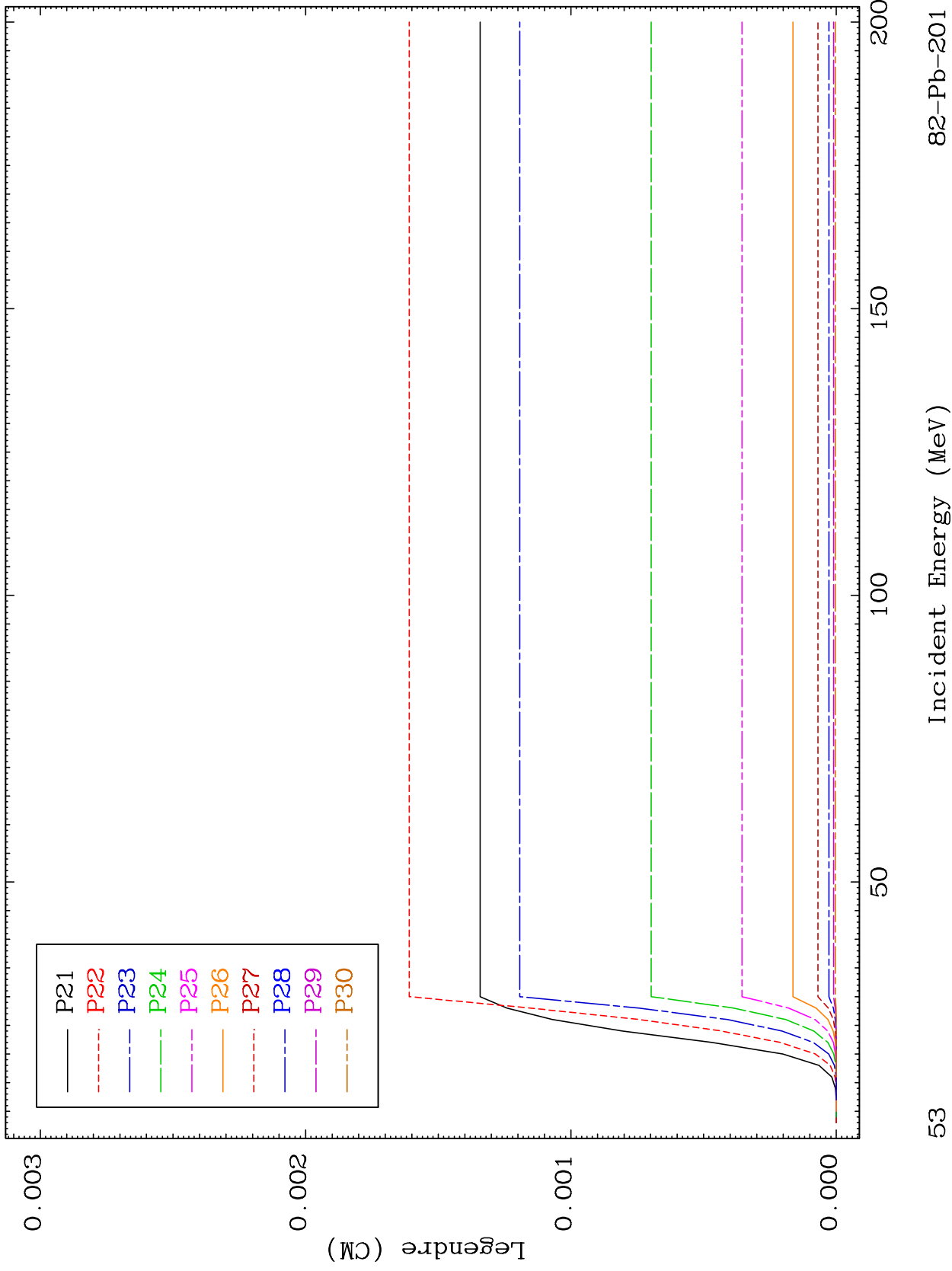
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201

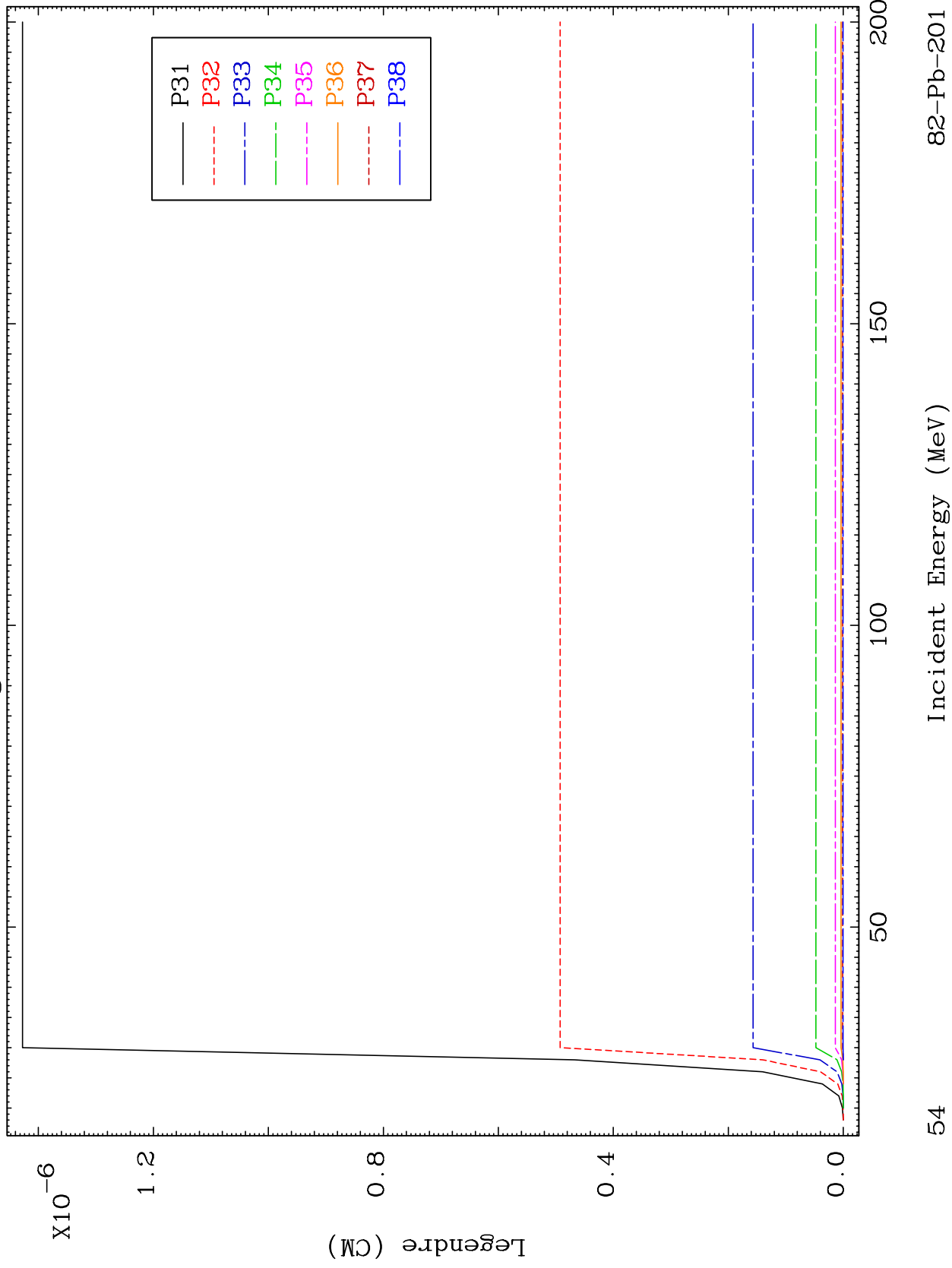


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MAT 8216

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

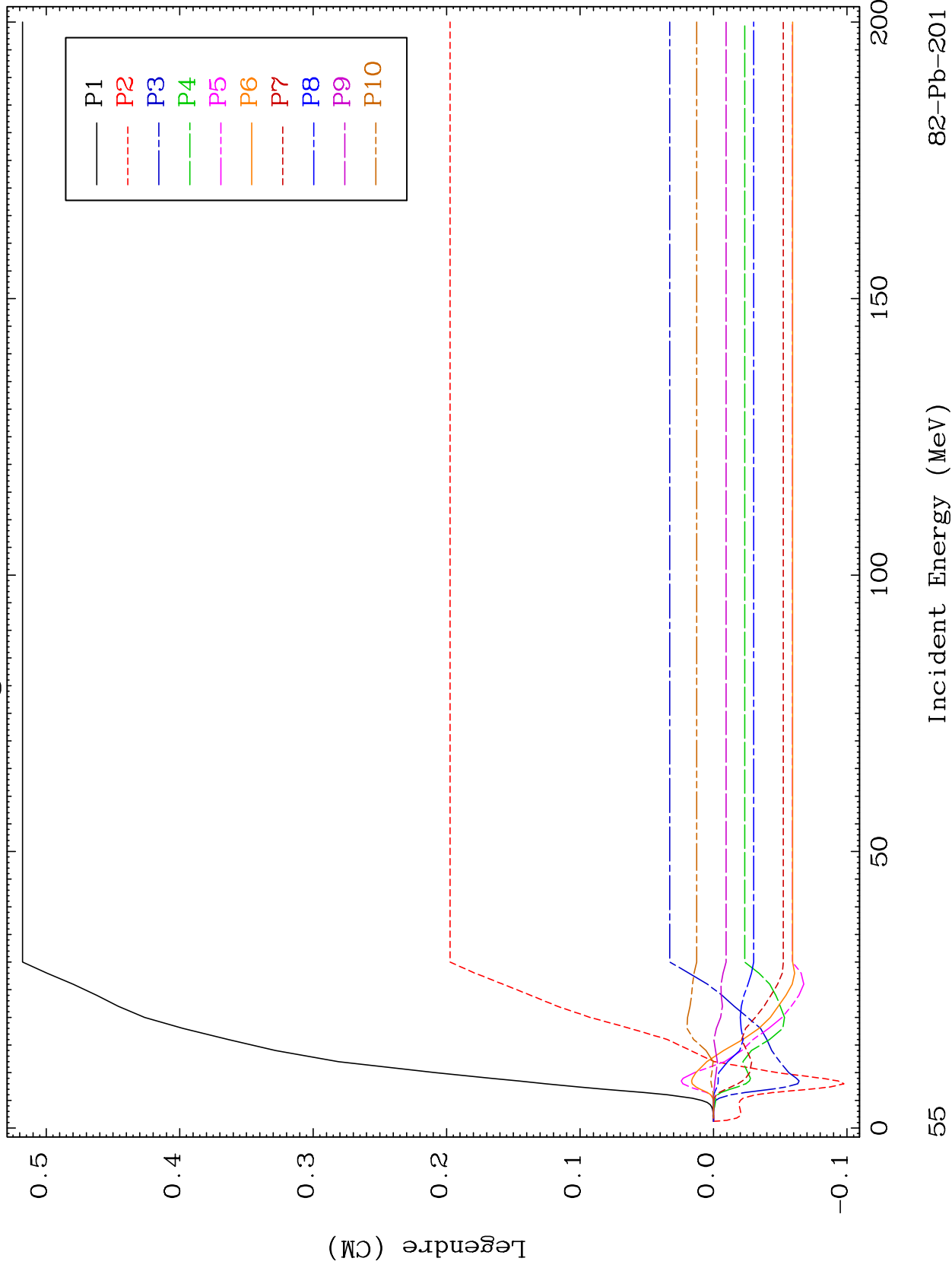
82-Pb-201



MAT 8216

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

82-Pb-201



82-Pb-201

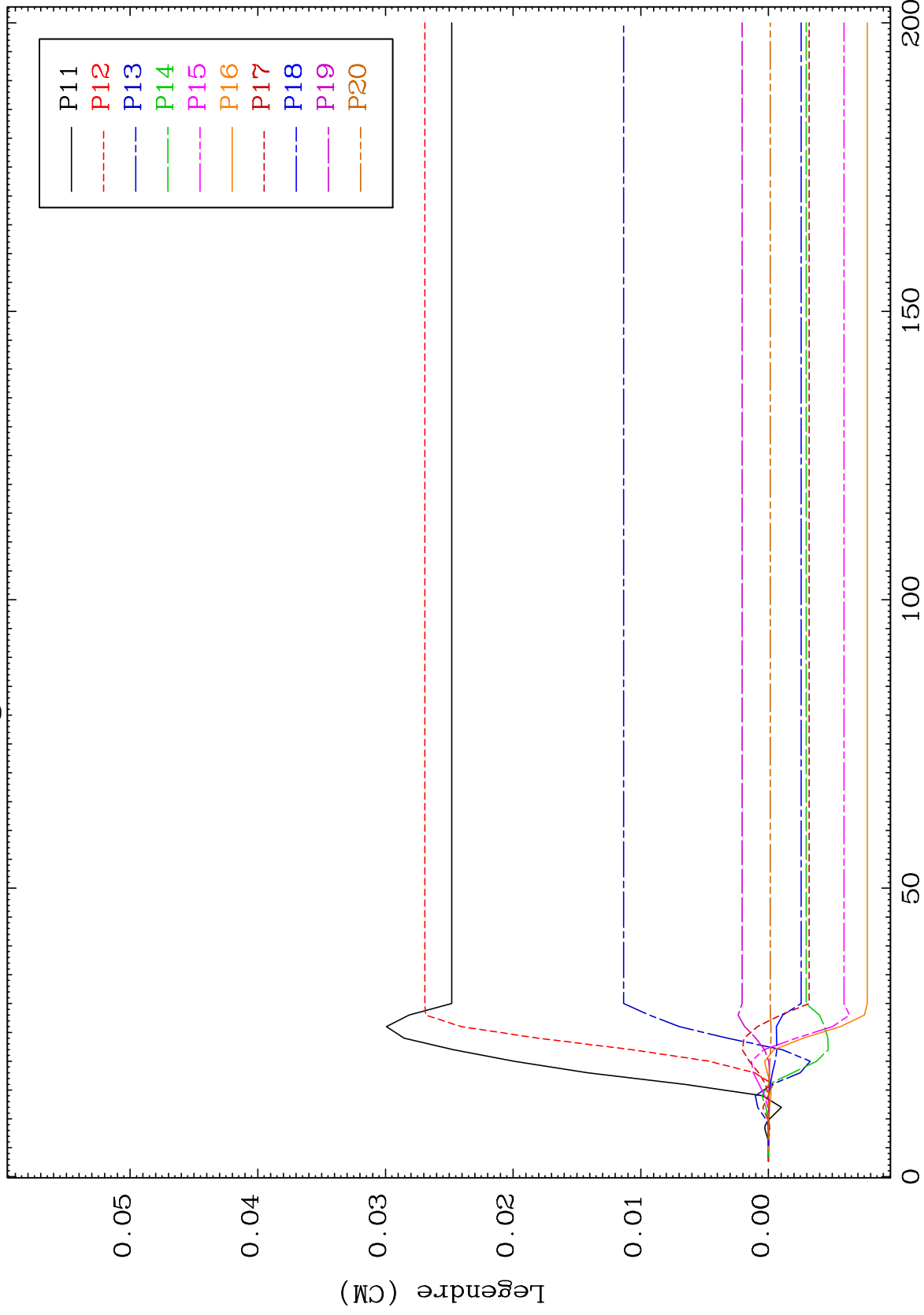
Incident Energy (MeV)

55

MAT 8216

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

82-Pb-201



56

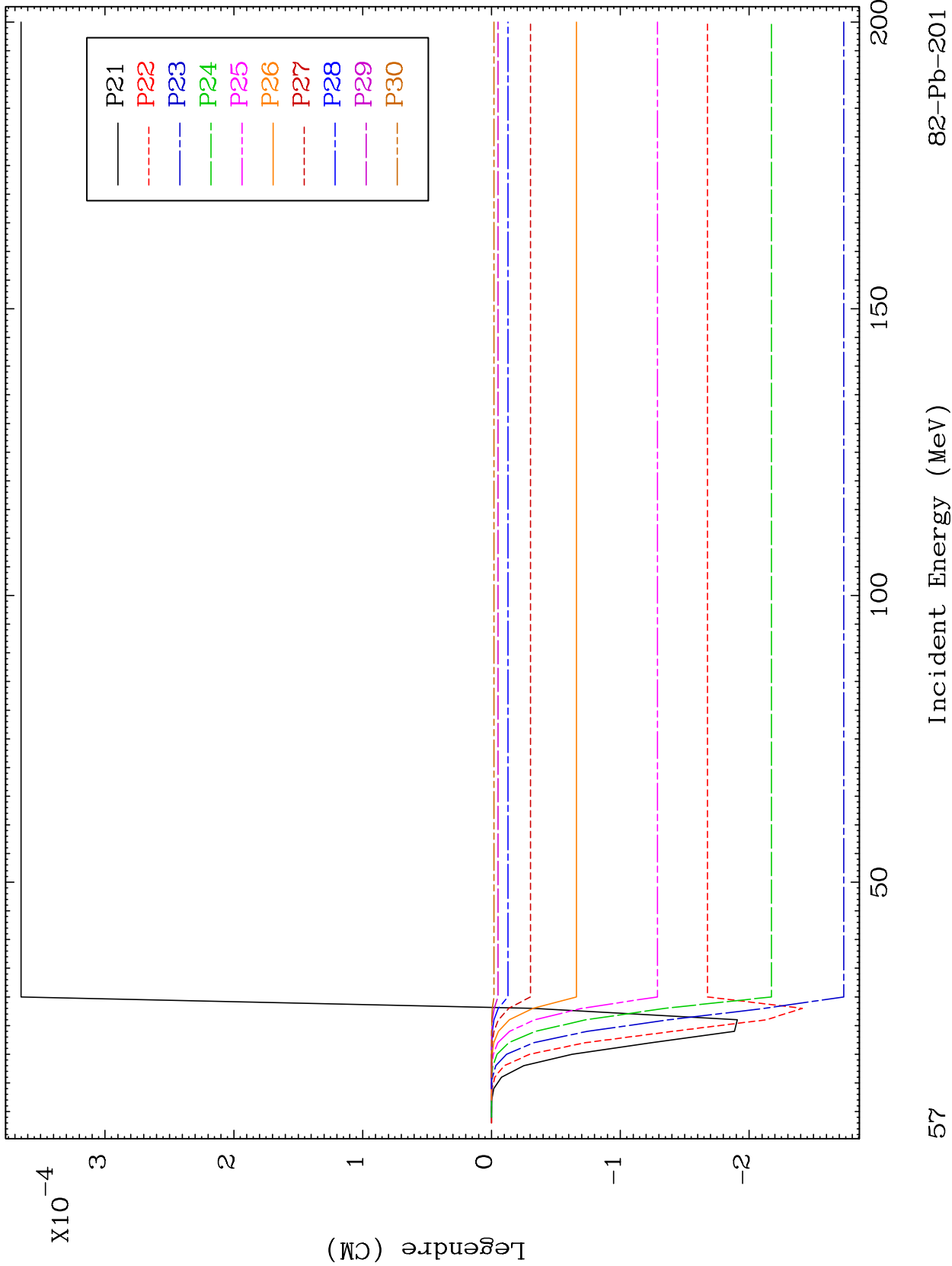
Incident Energy (MeV)

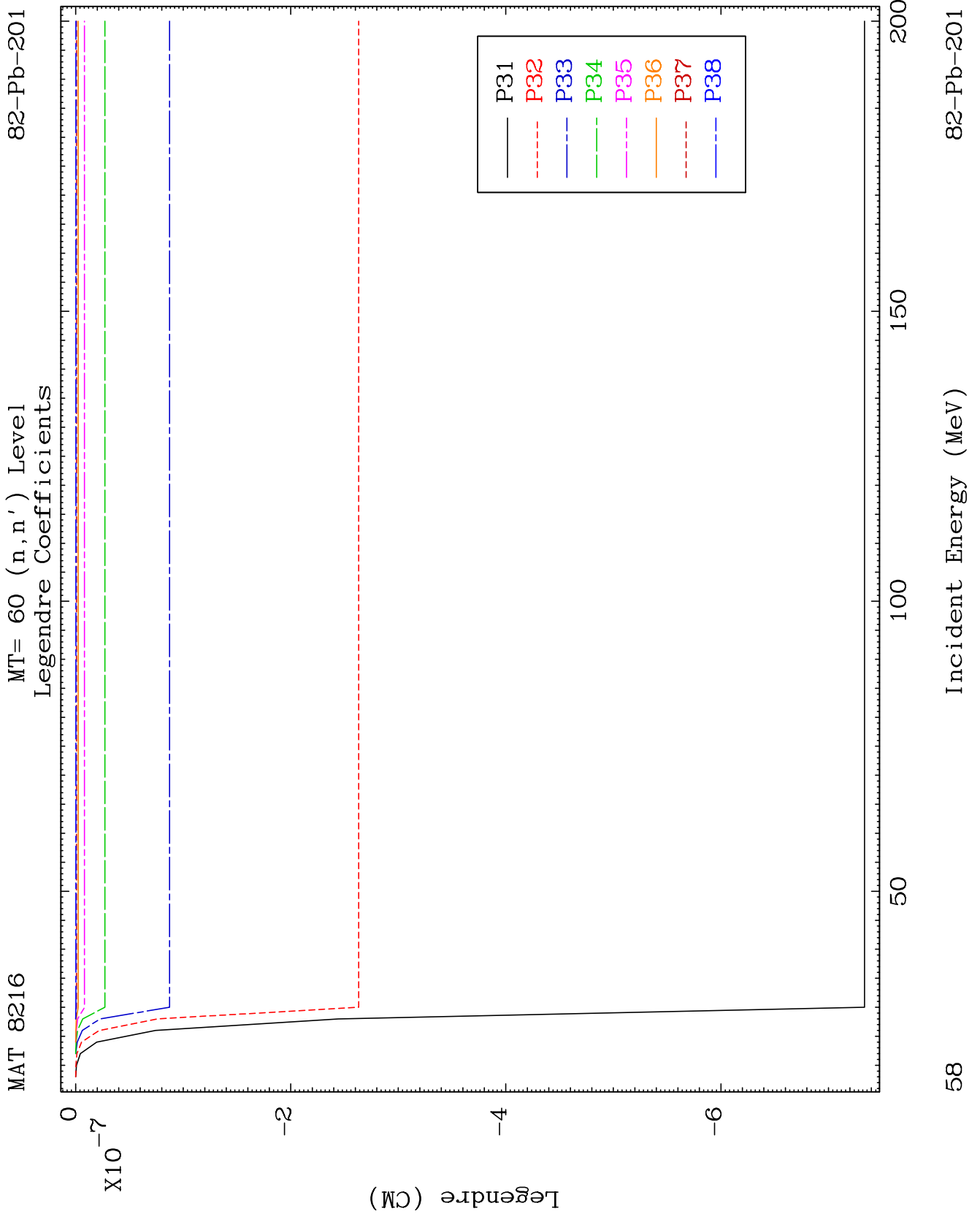
82-Pb-201

MAT 8216

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

82-Pb-201





MAT 8216

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

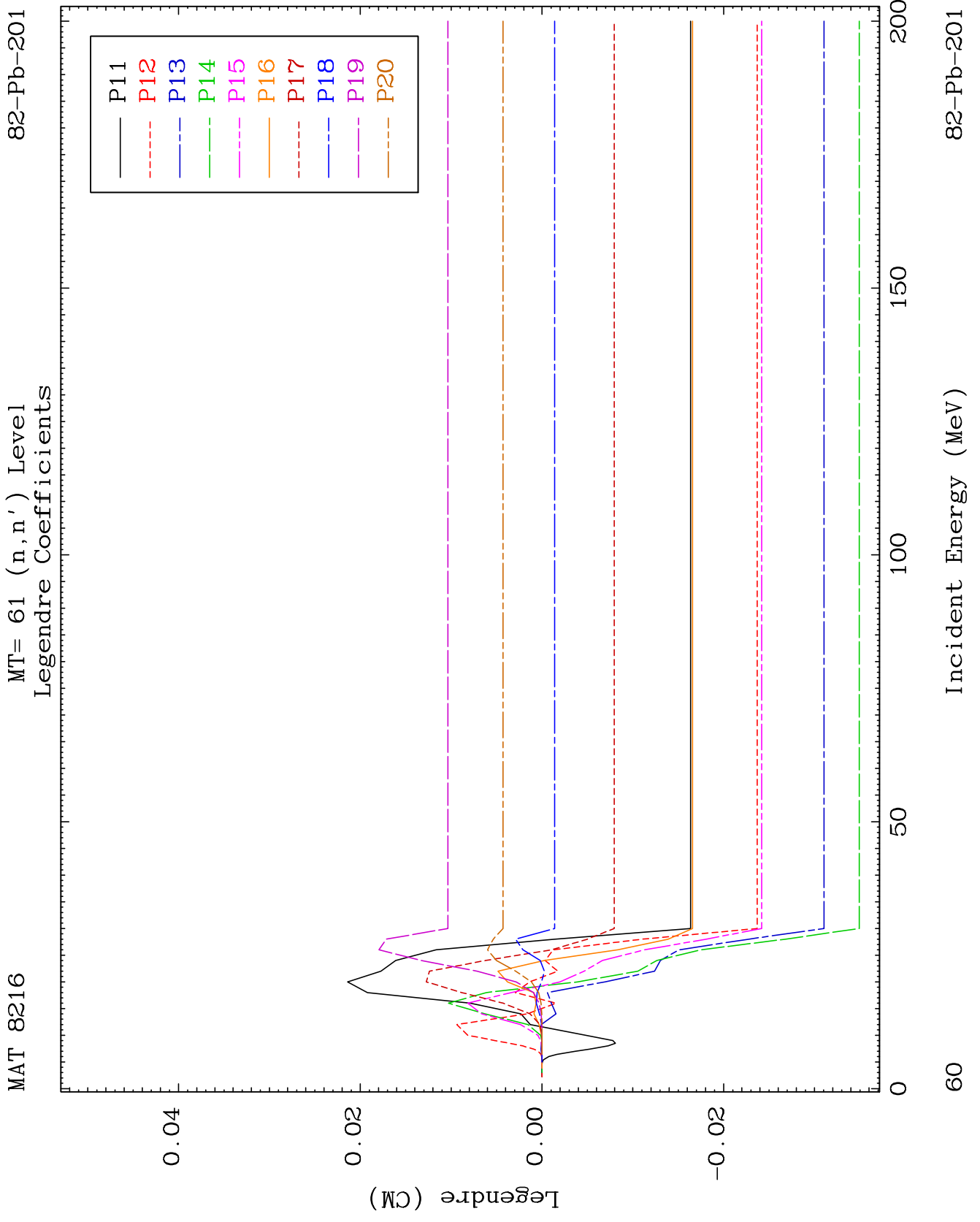
82-Pb-201



82-Pb-201

Incident Energy (MeV)

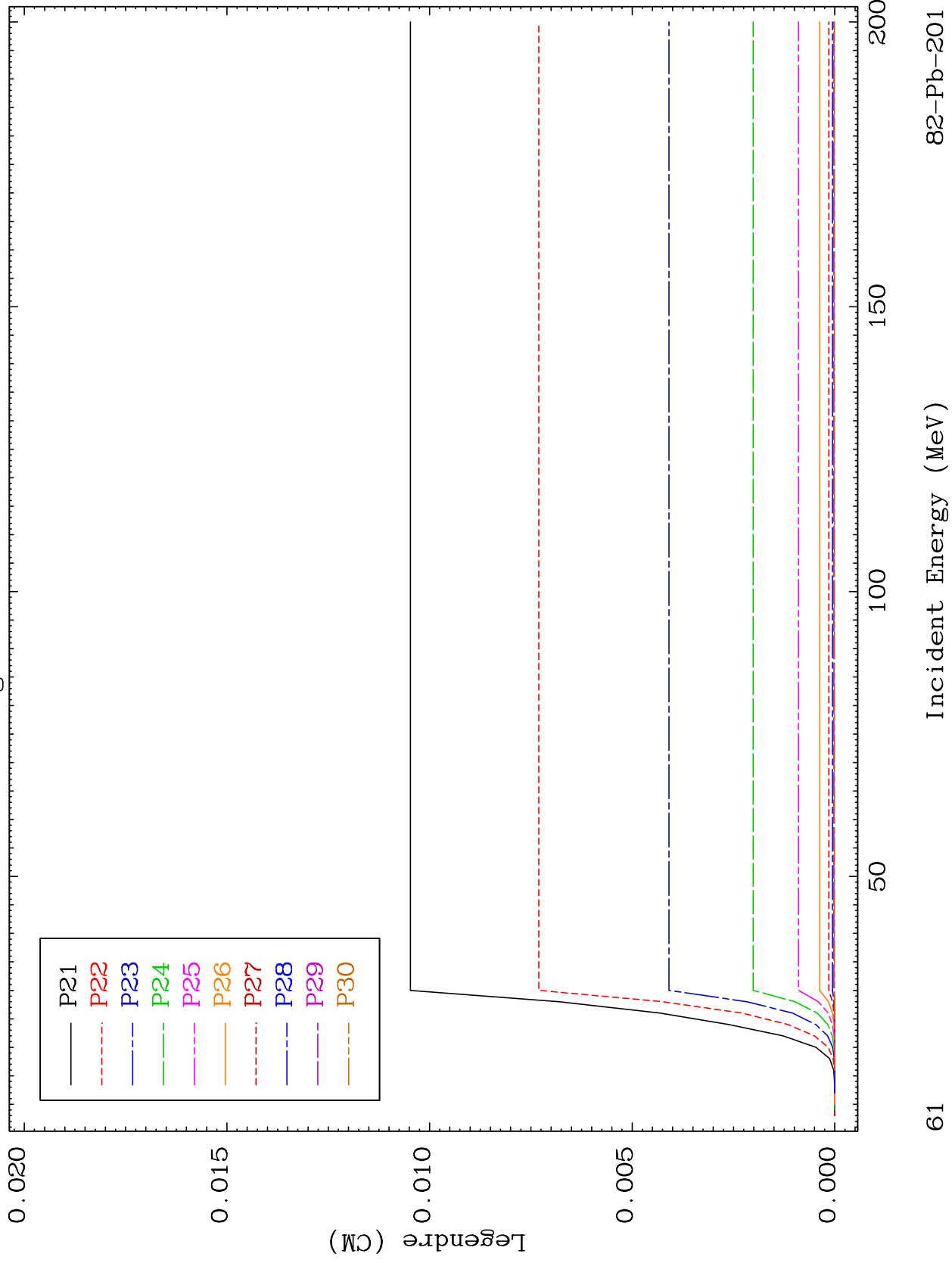
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MAT 8216

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

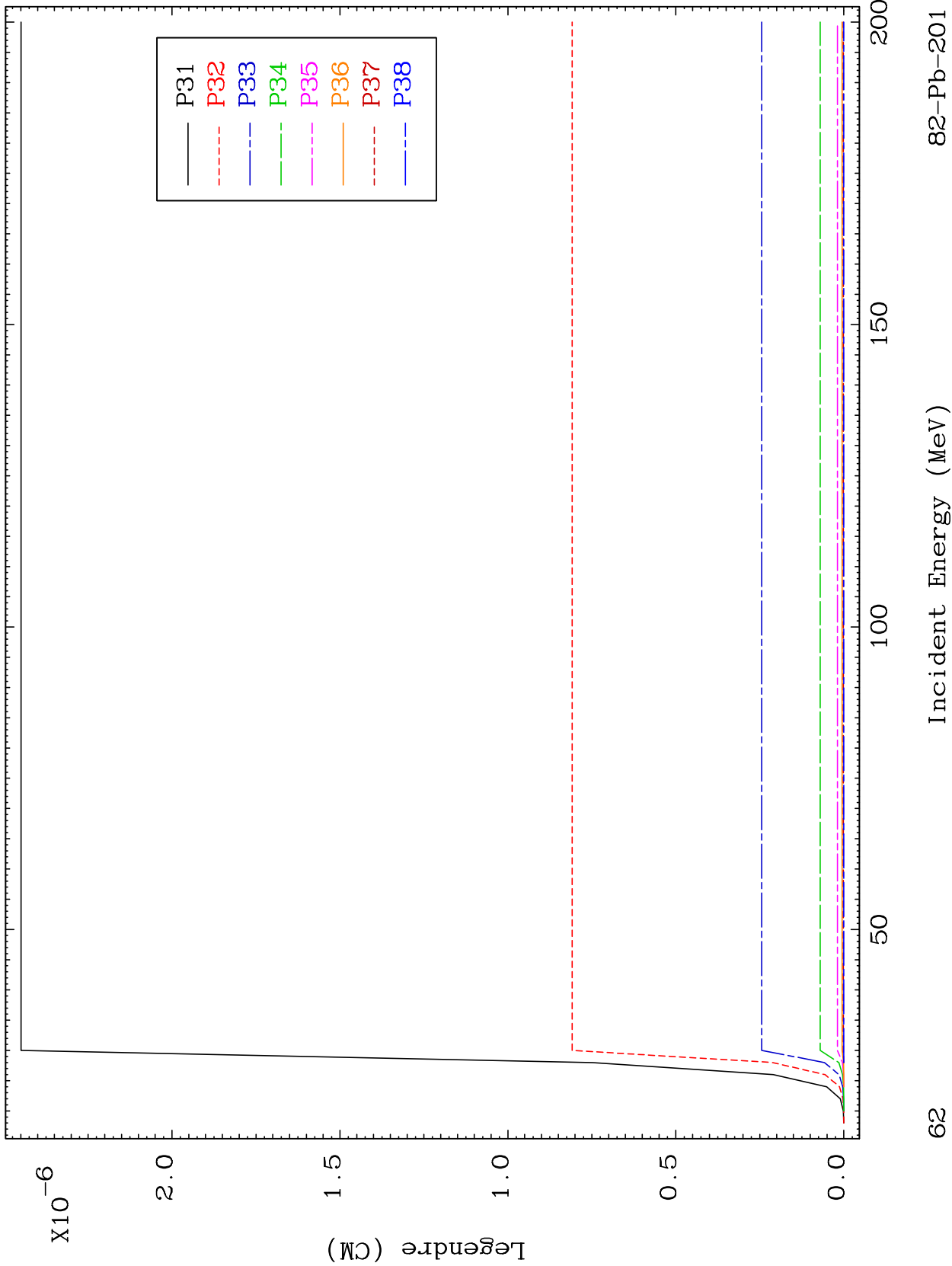
82-Pb-201



MAT 8216

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

82-Pb-201



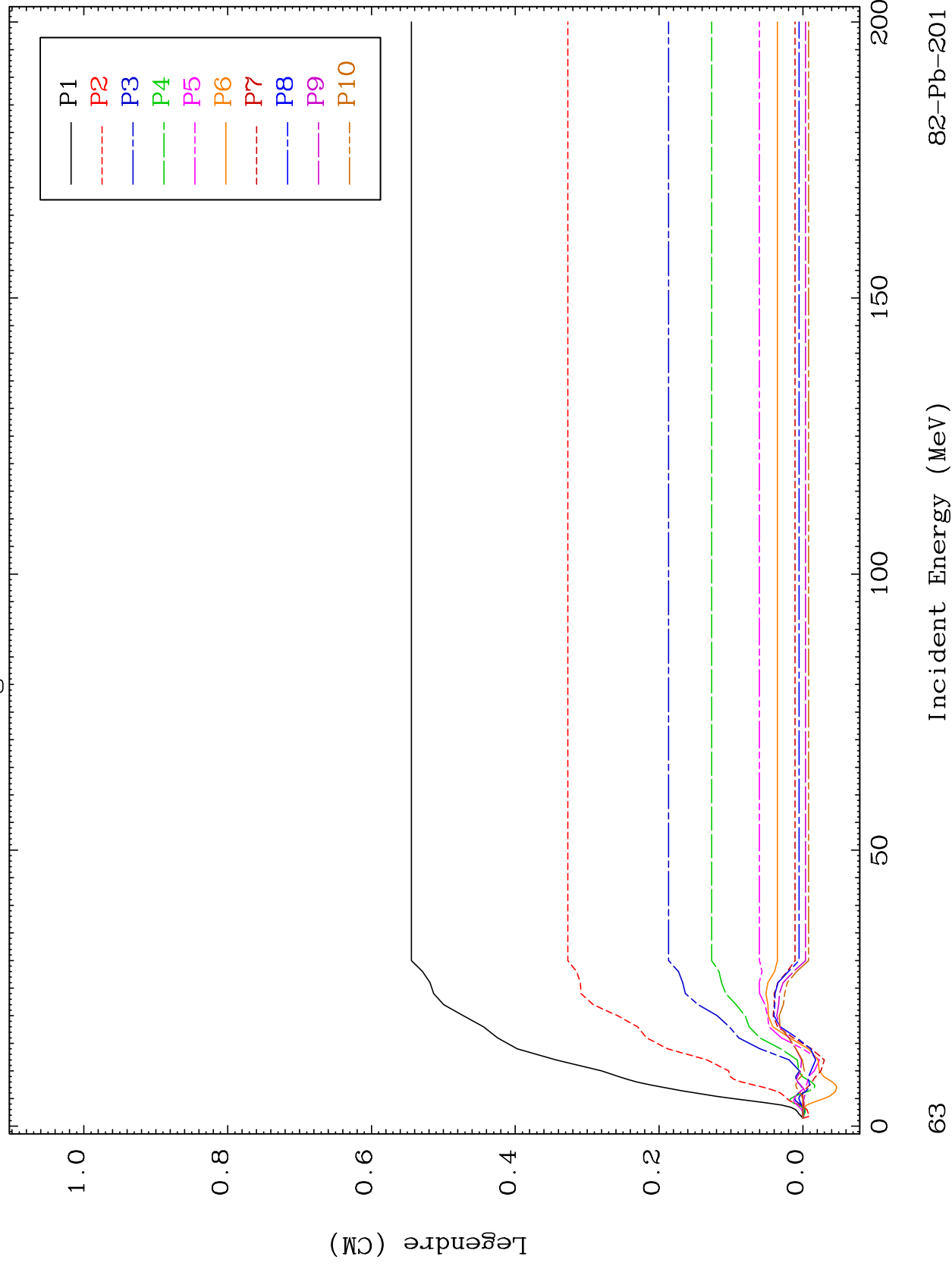
62

82-Pb-201

MAT 8216

MT= 62 (n,n') Level
Legendre Coefficients

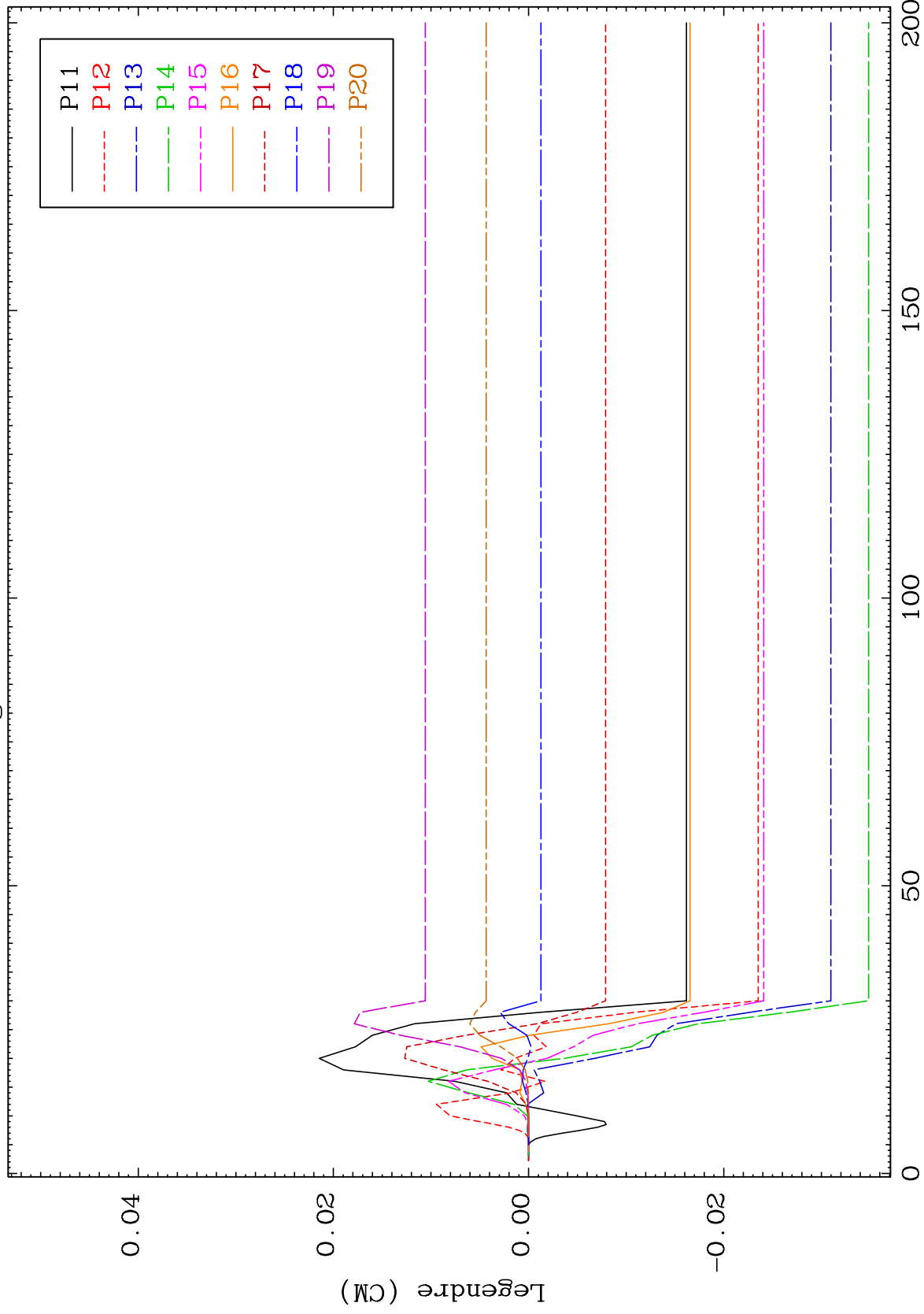
82-Pb-201



MAT 8216

MT= 62 (n,n') Level
Legendre Coefficients

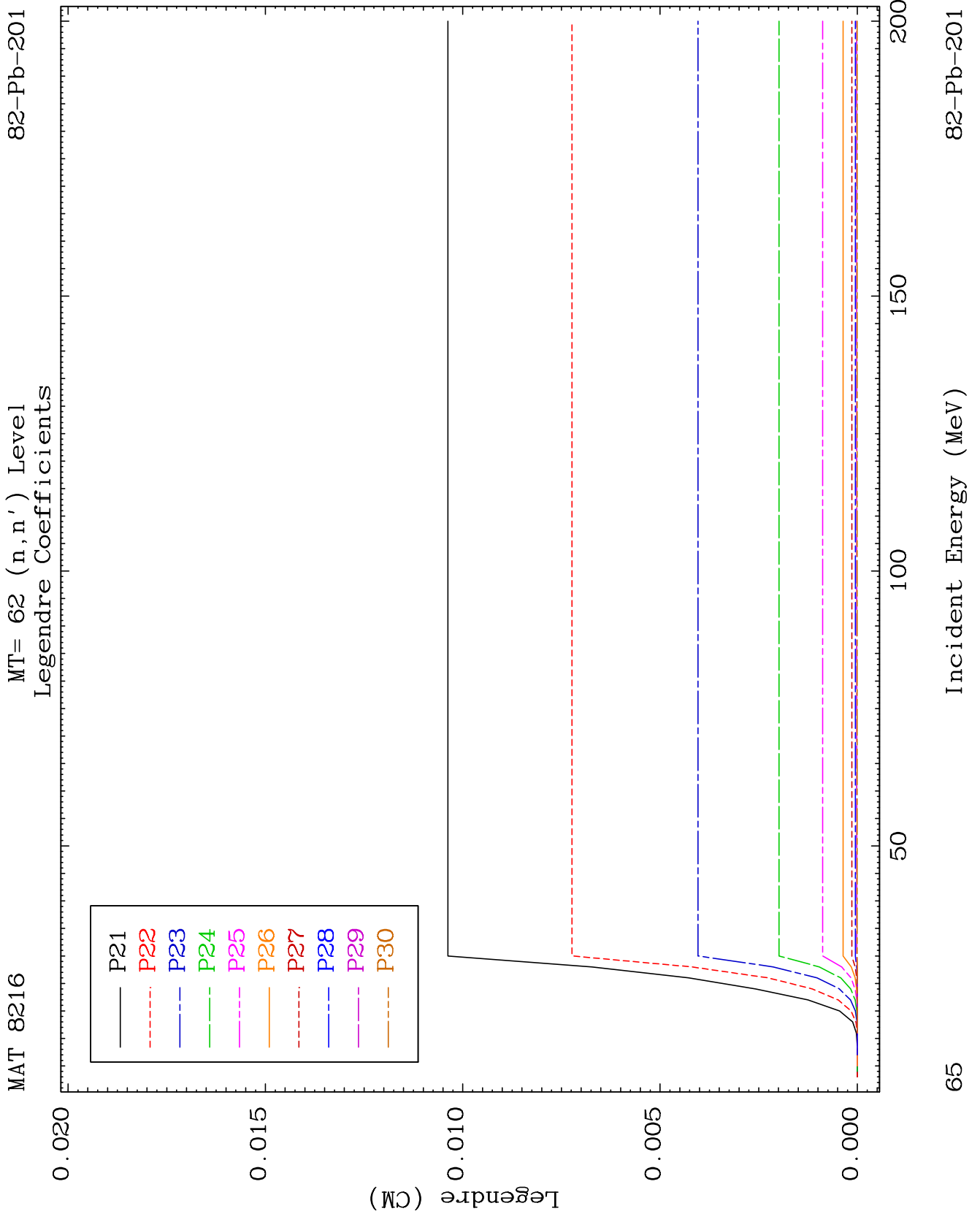
82-Pb-201



64

Incident Energy (MeV)

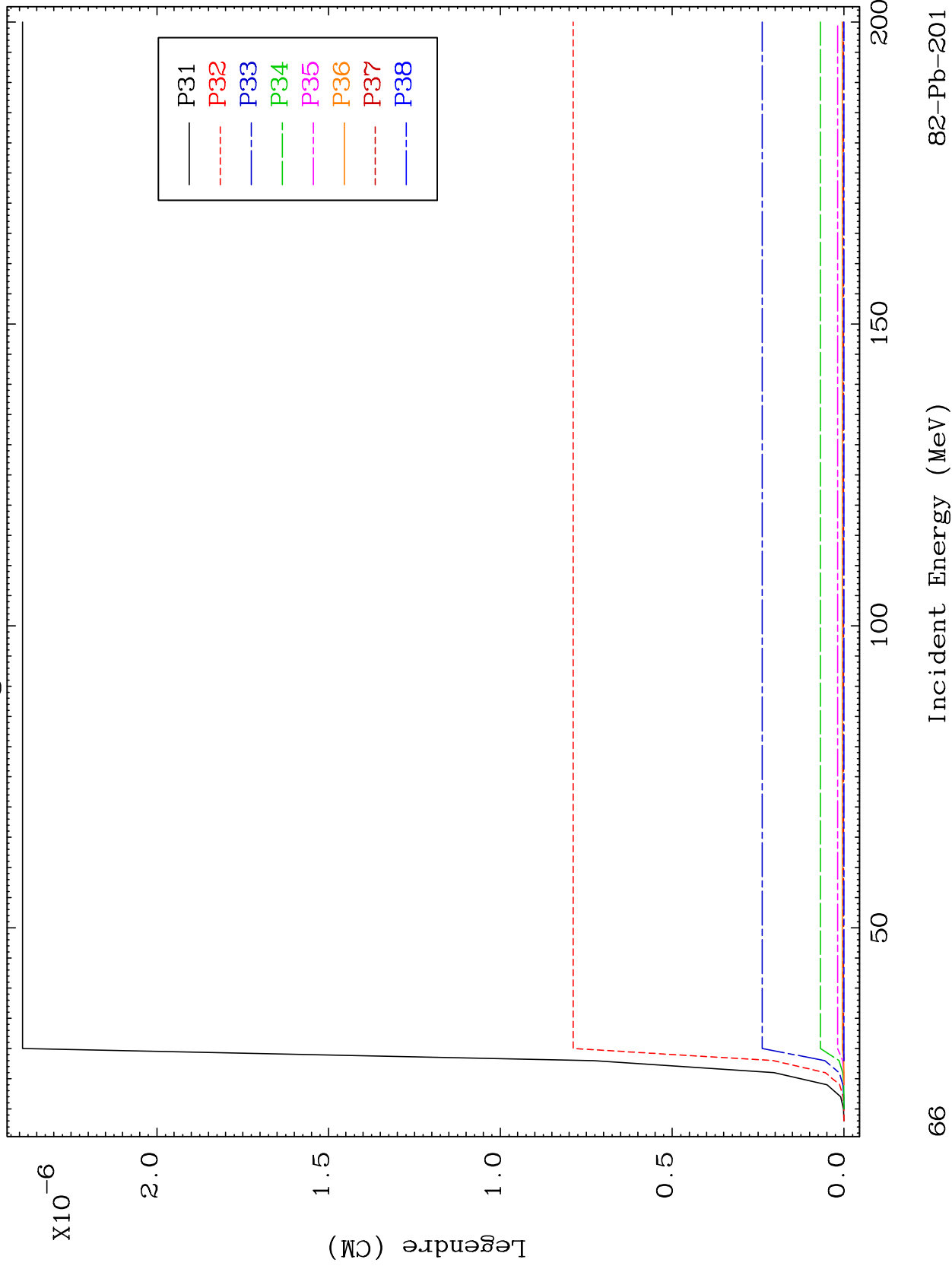
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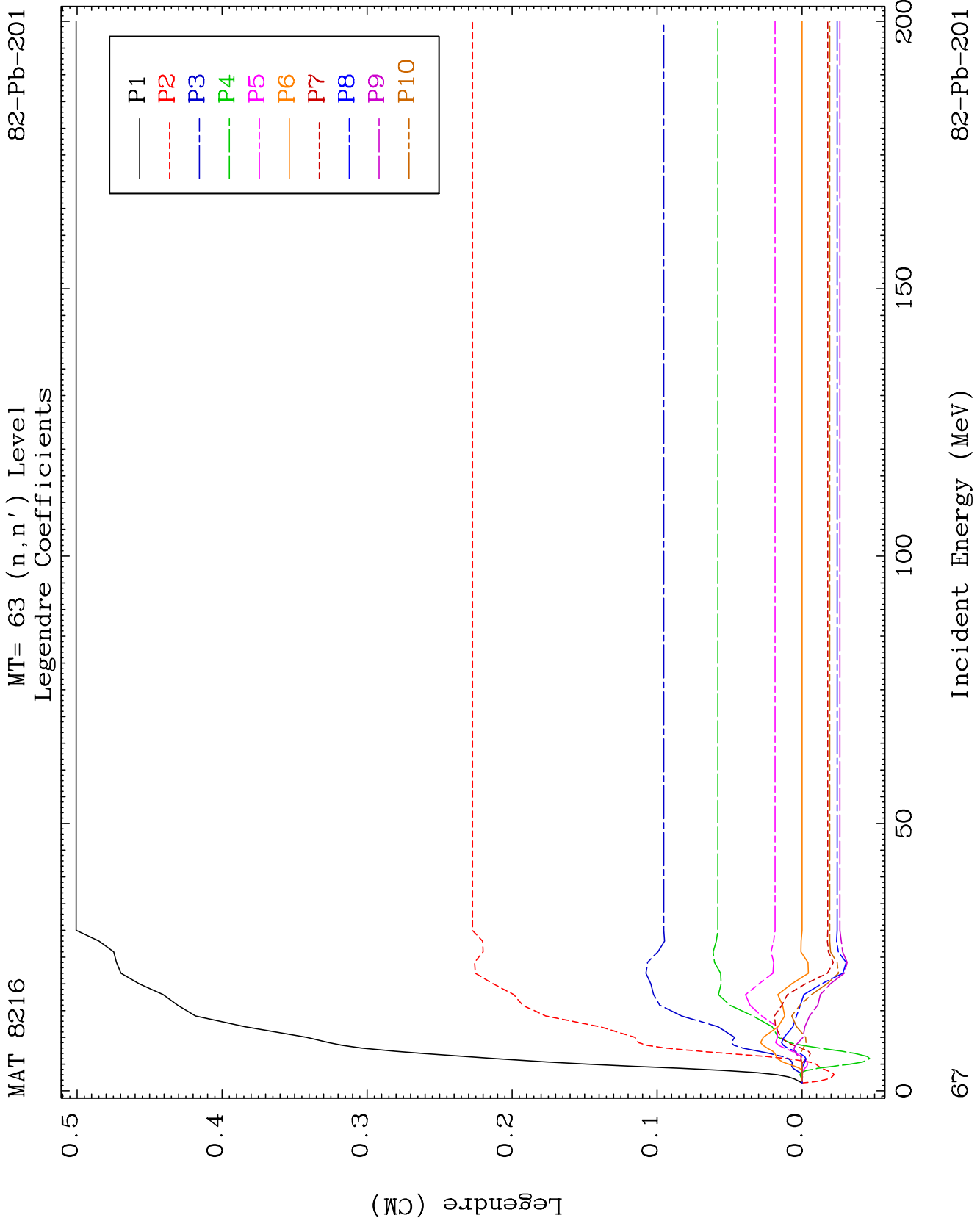
MAT 8216

MT= 62 (n,n') Level
Legendre Coefficients

82-Pb-201



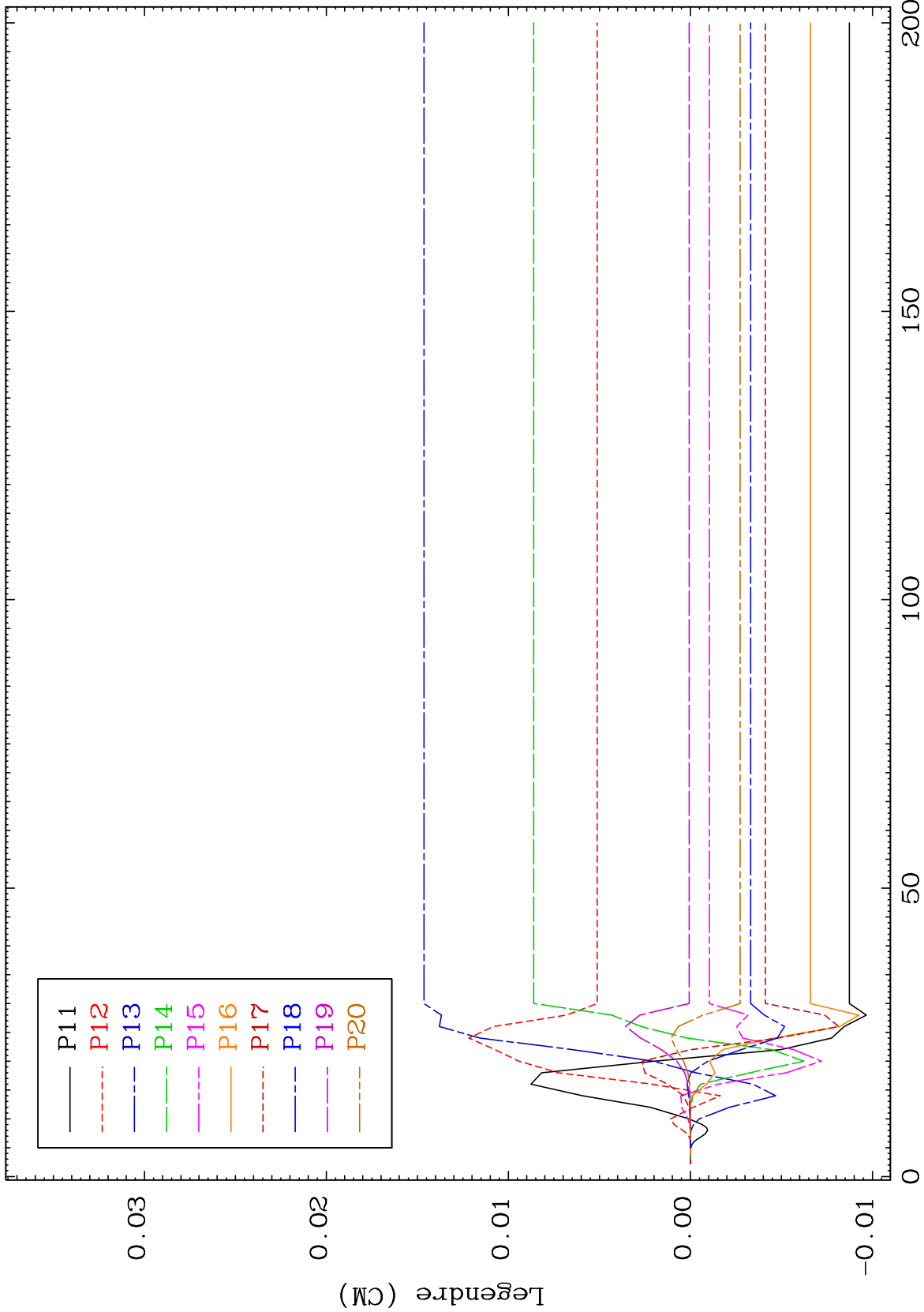
66



MAT 8216

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

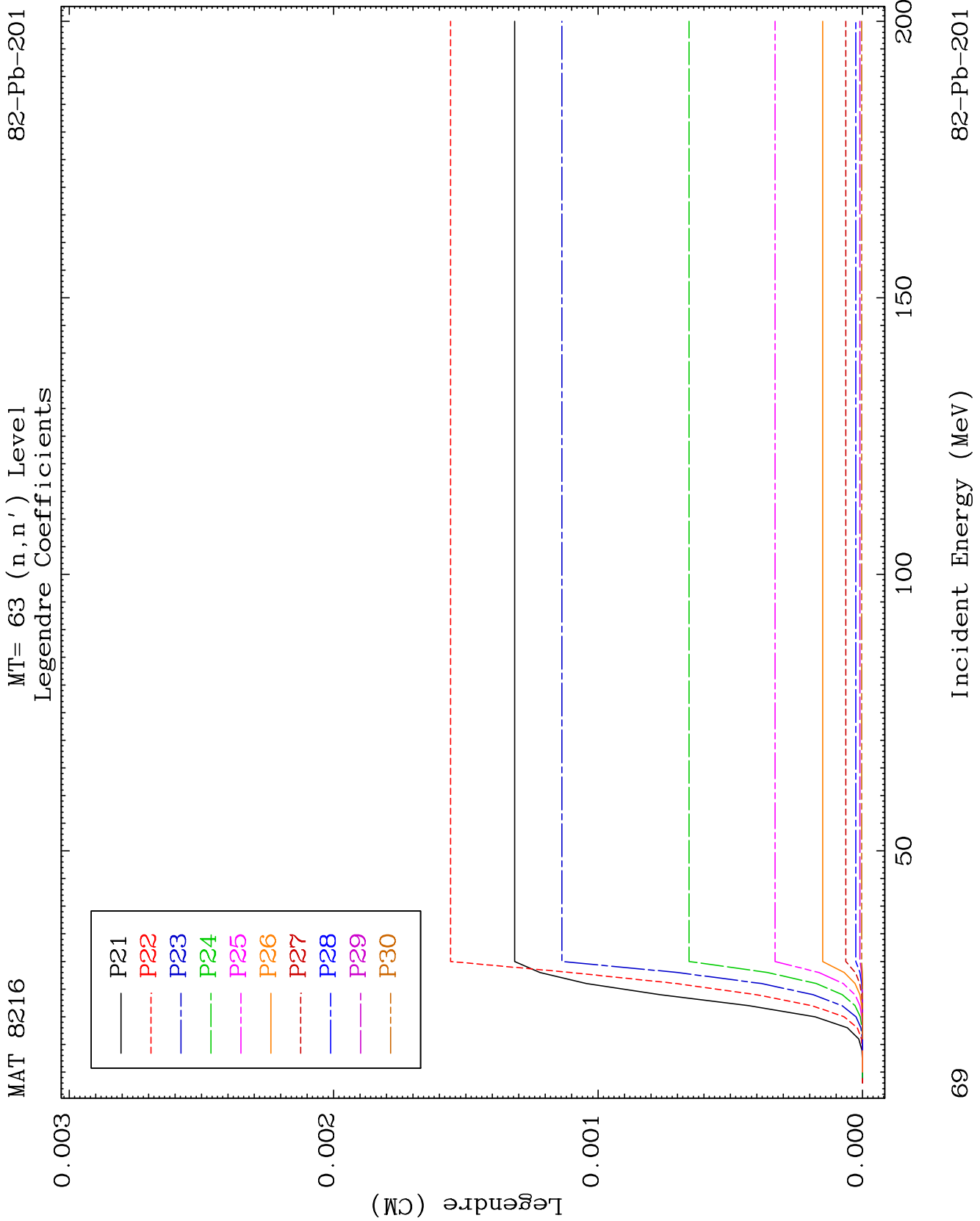
82-Pb-201



68

Incident Energy (MeV)

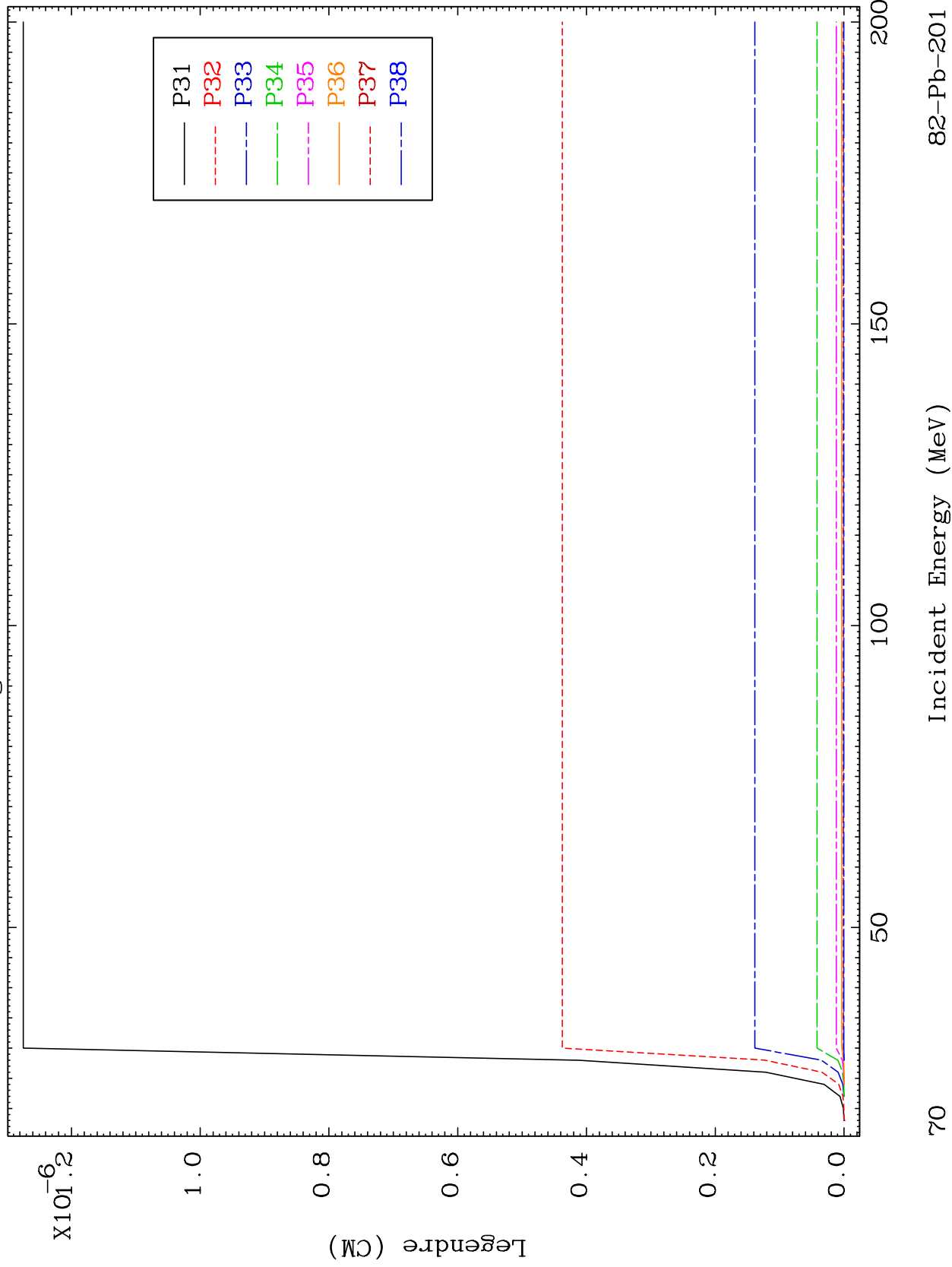
82-Pb-201



MAT 8216

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

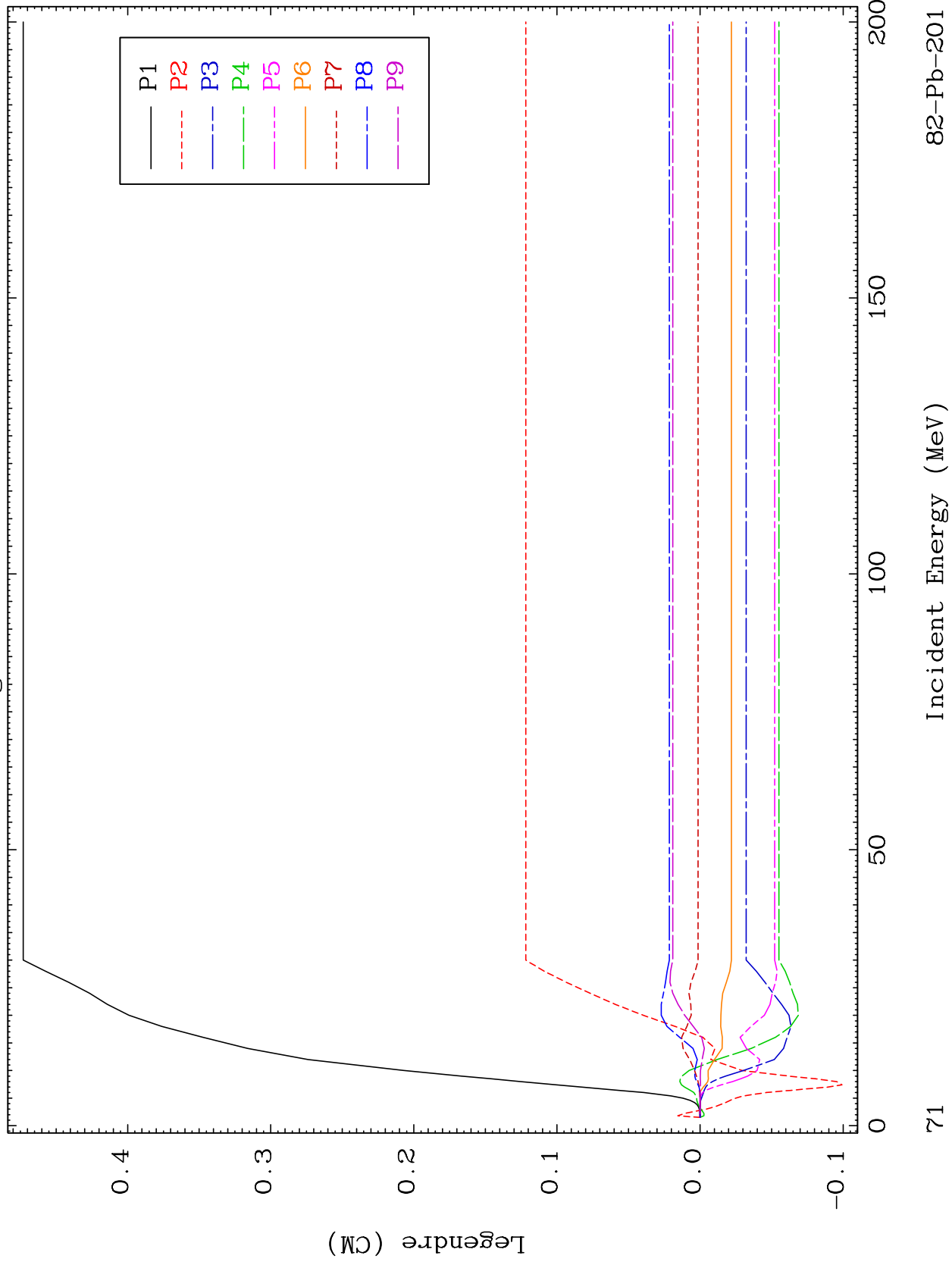
82-Pb-201



MAT 8216

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

82-Pb-201



82-Pb-201

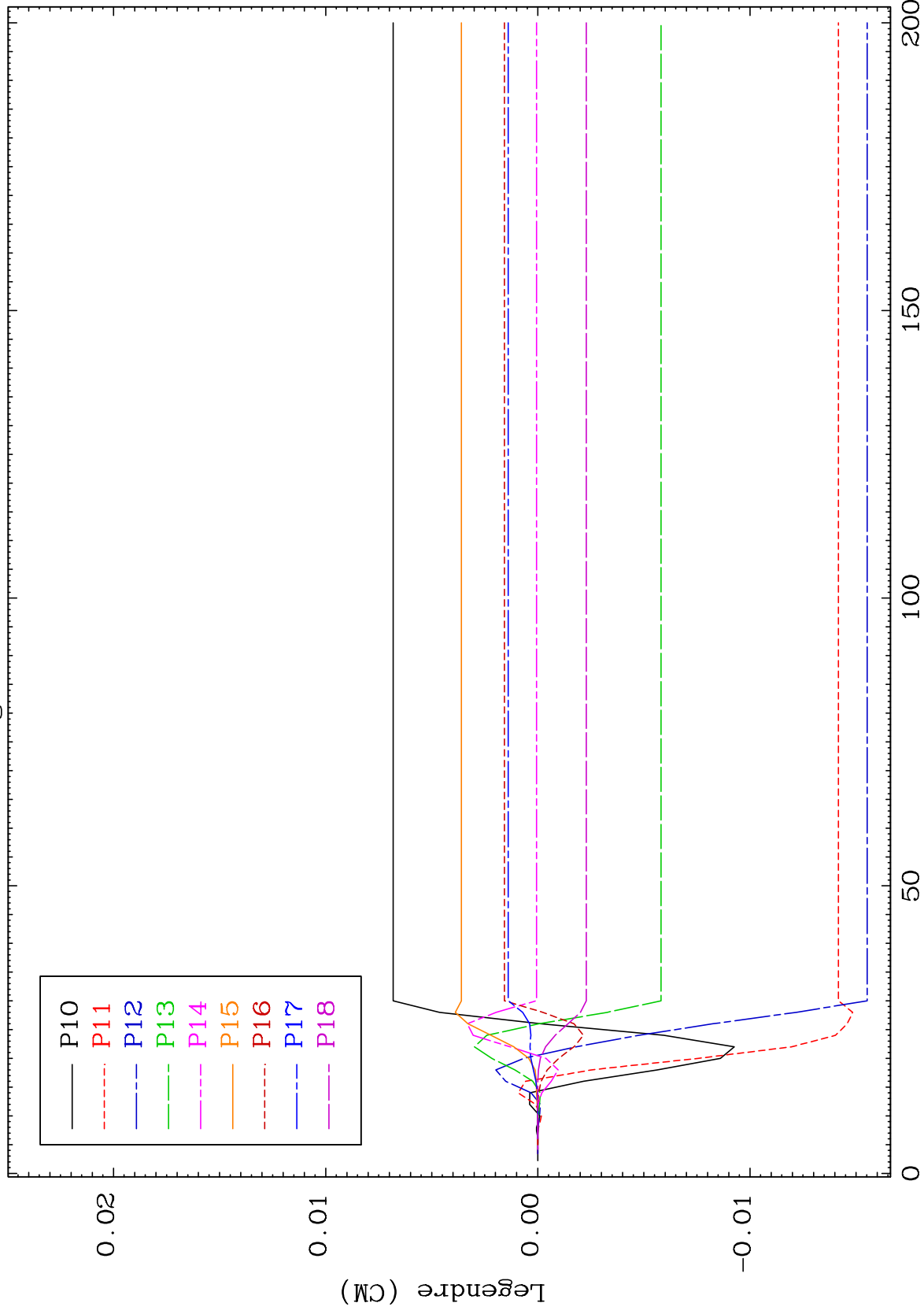
Incident Energy (MeV)

71

MAT 8216

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

82-Pb-201



72

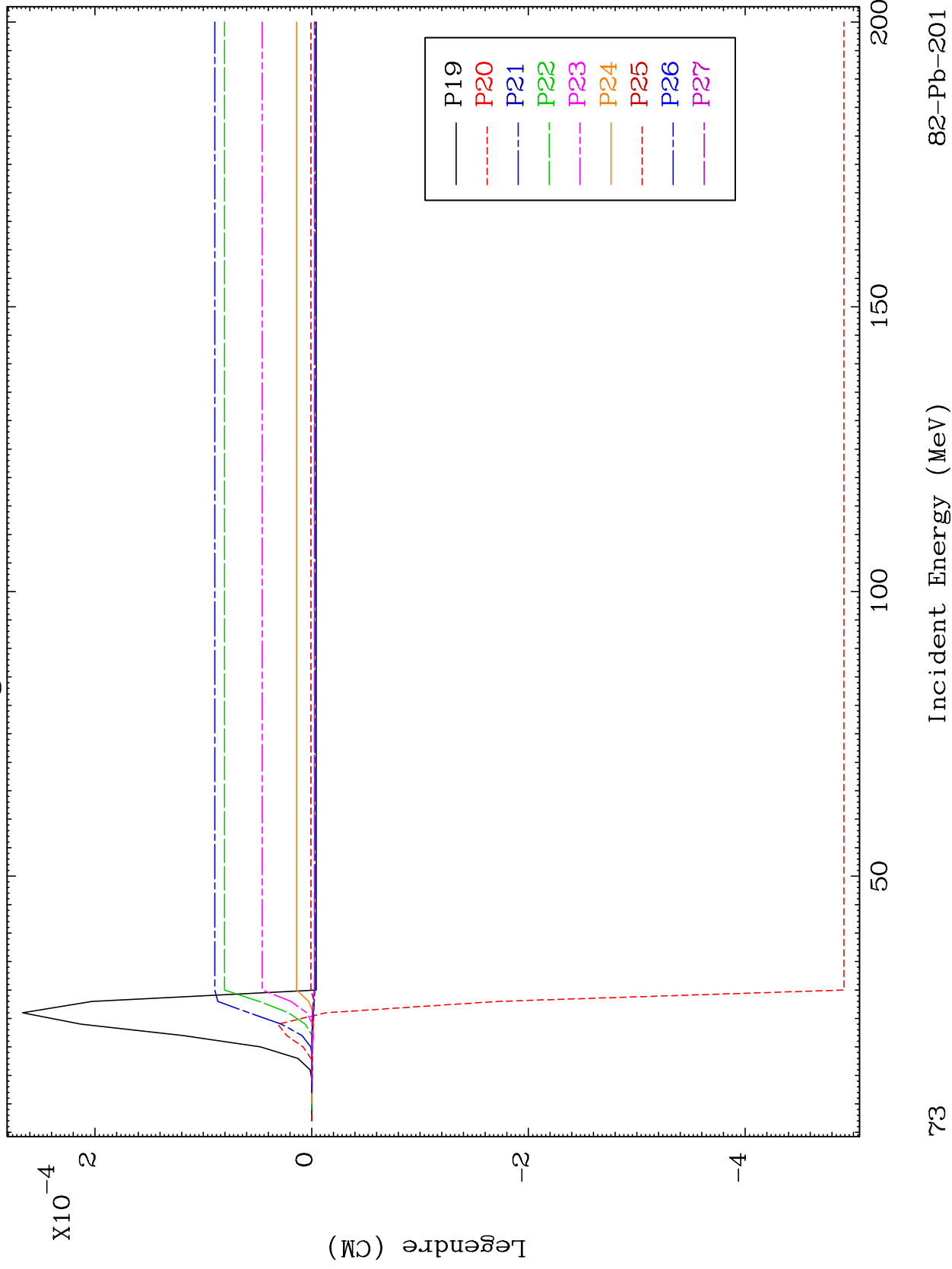
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

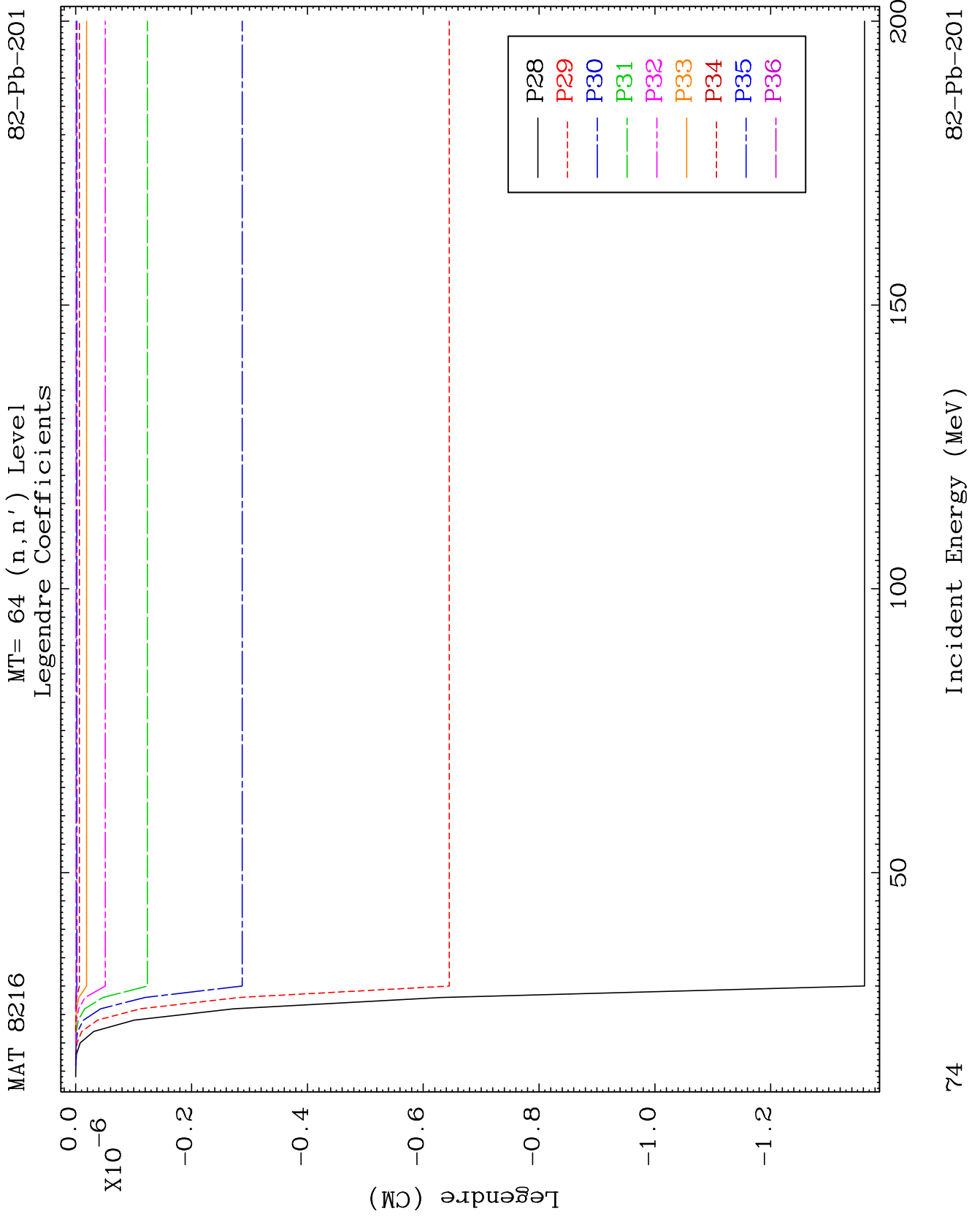
82-Pb-201



73

Incident Energy (MeV)

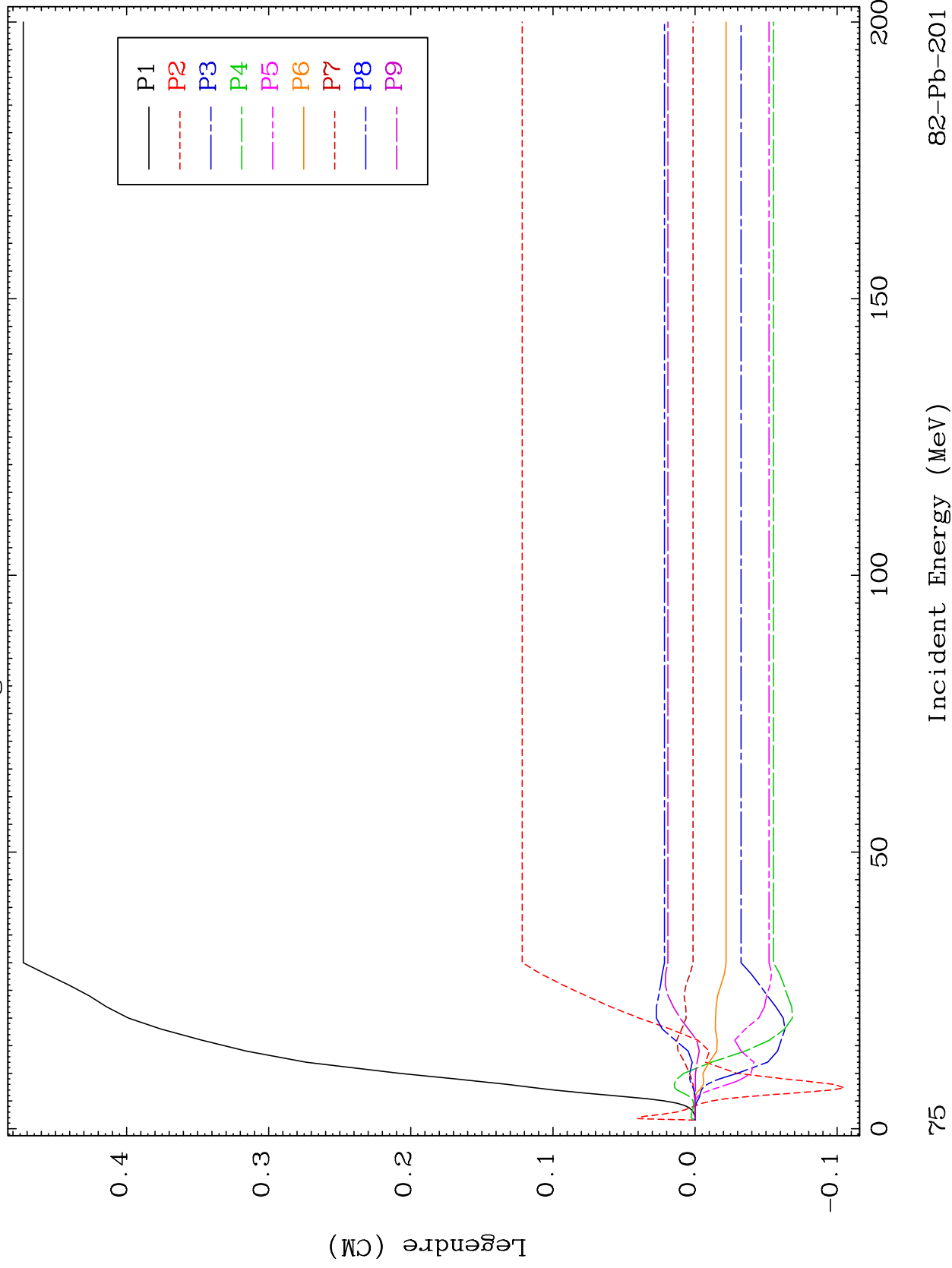
82-Pb-201



MAT 8216

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

82-Pb-201



75

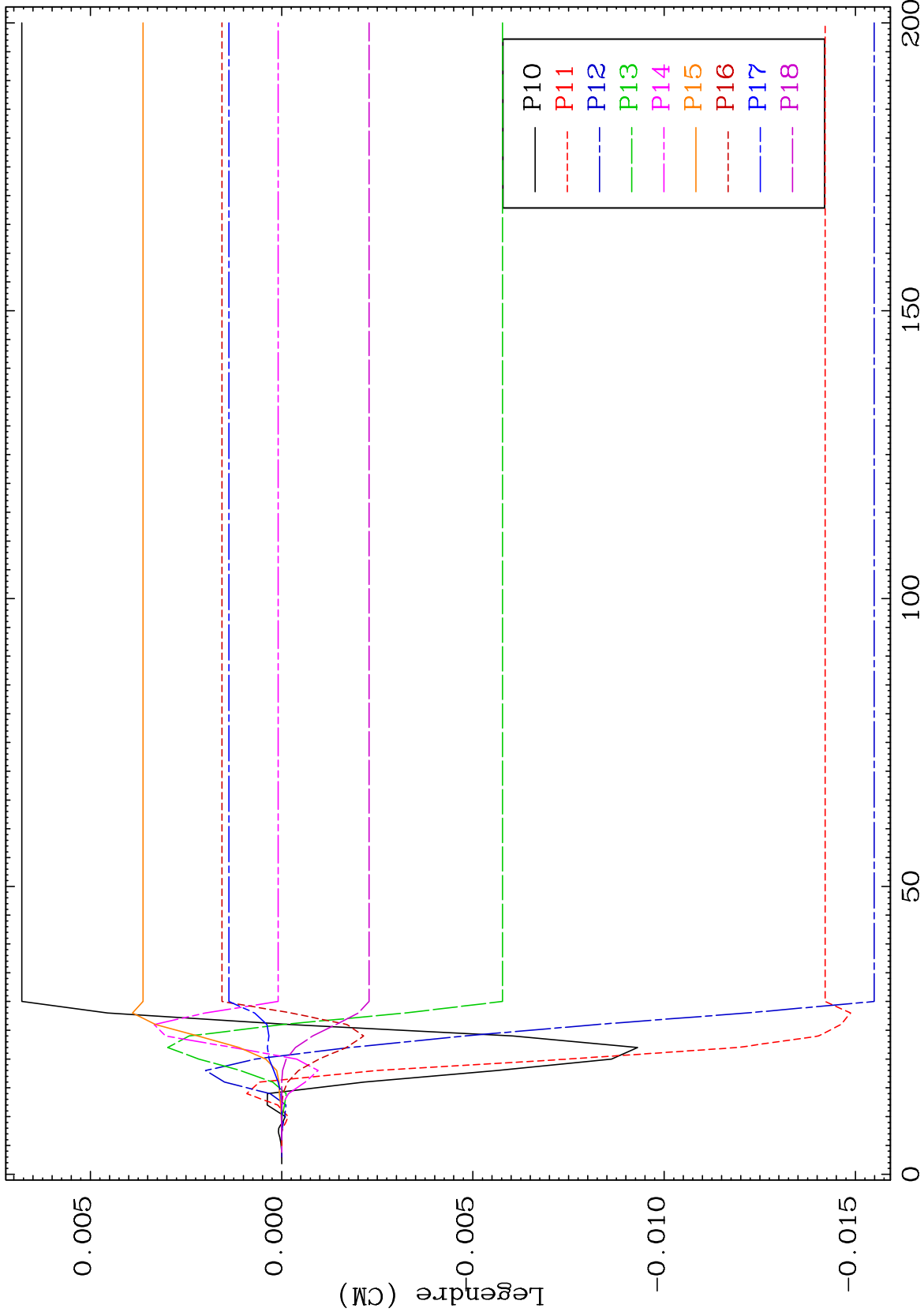
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



76

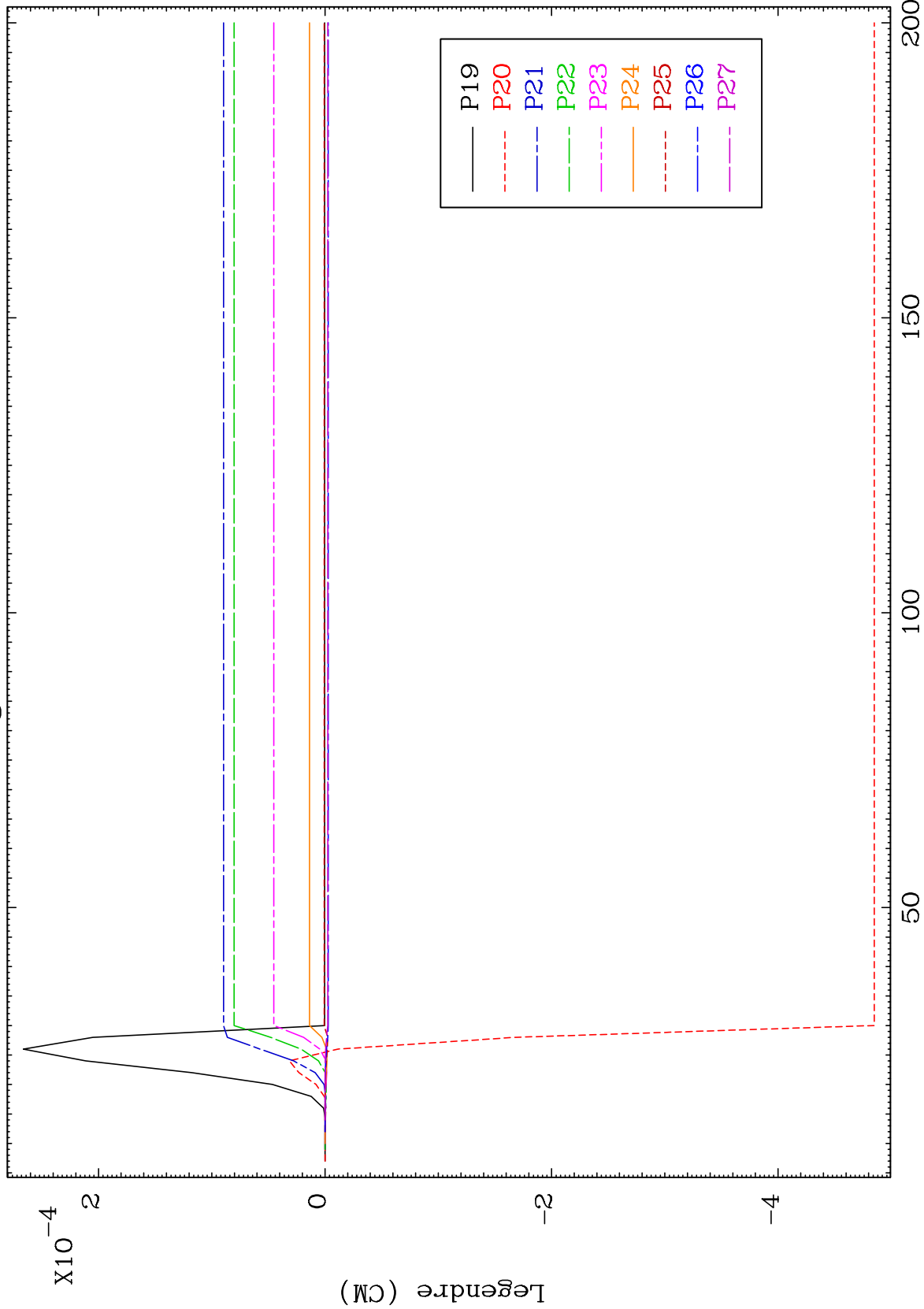
Incident Energy (MeV)

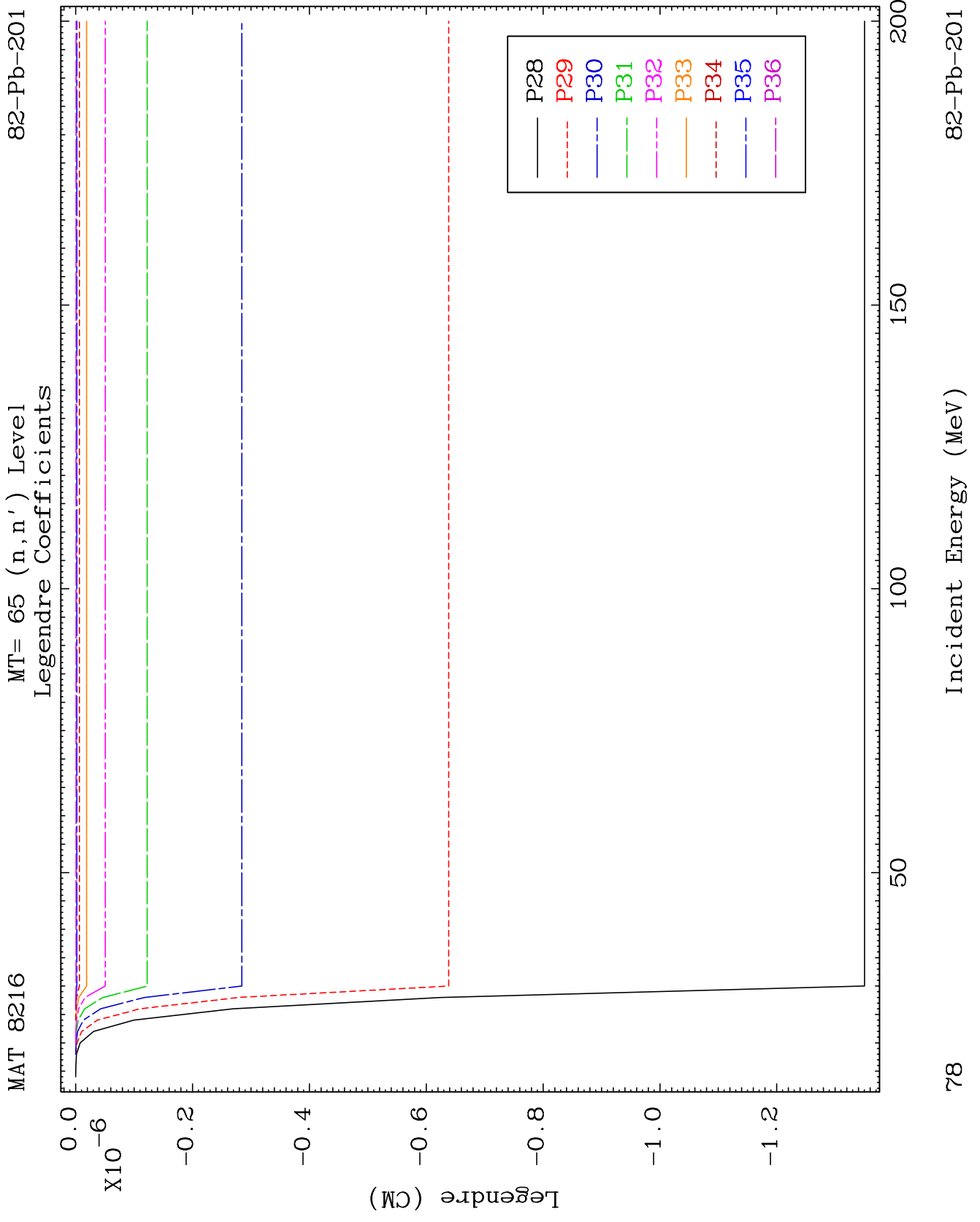
82-Pb-201

MAT 8216

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

82-Pb-201

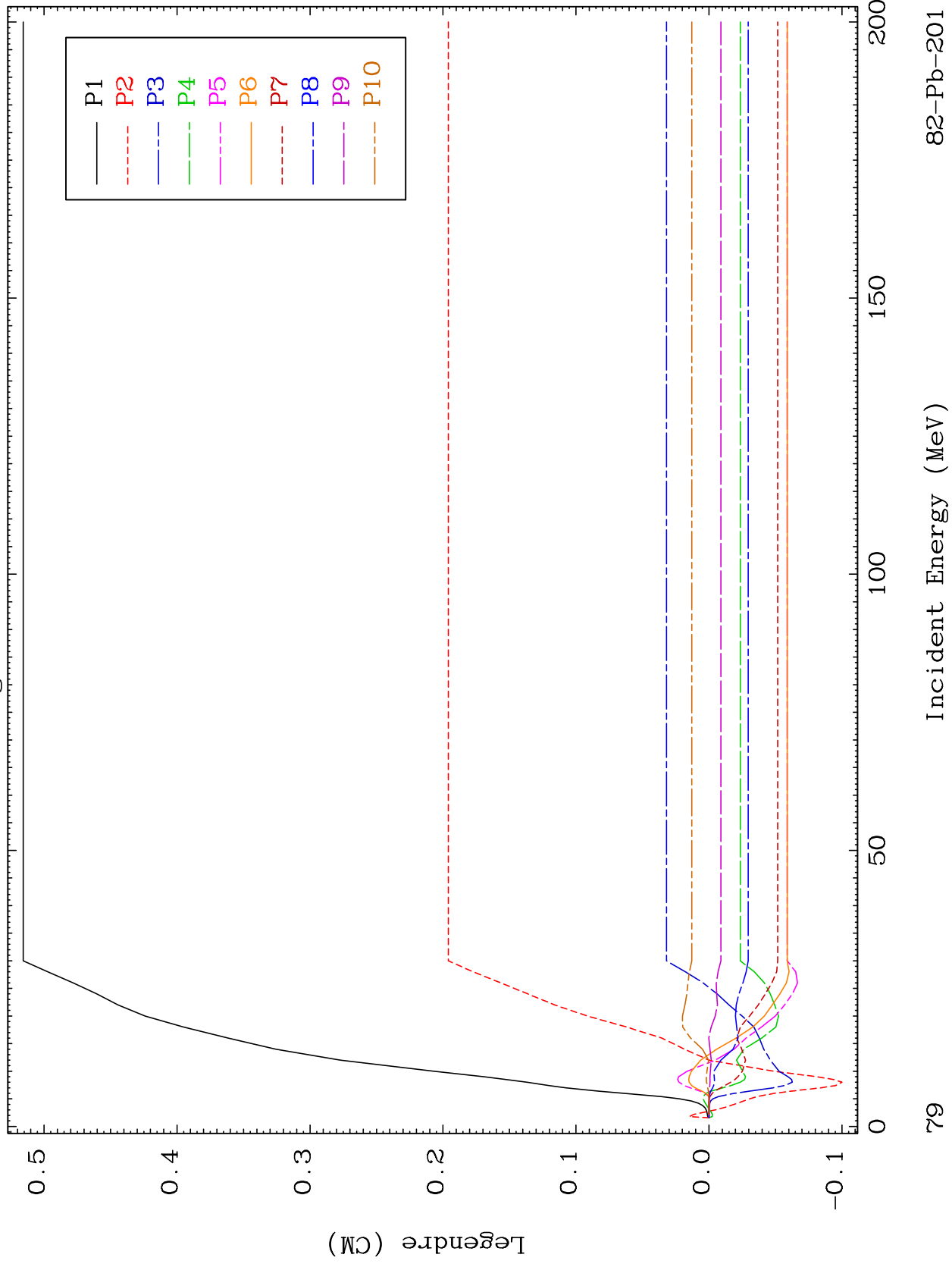




MAT 8216

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

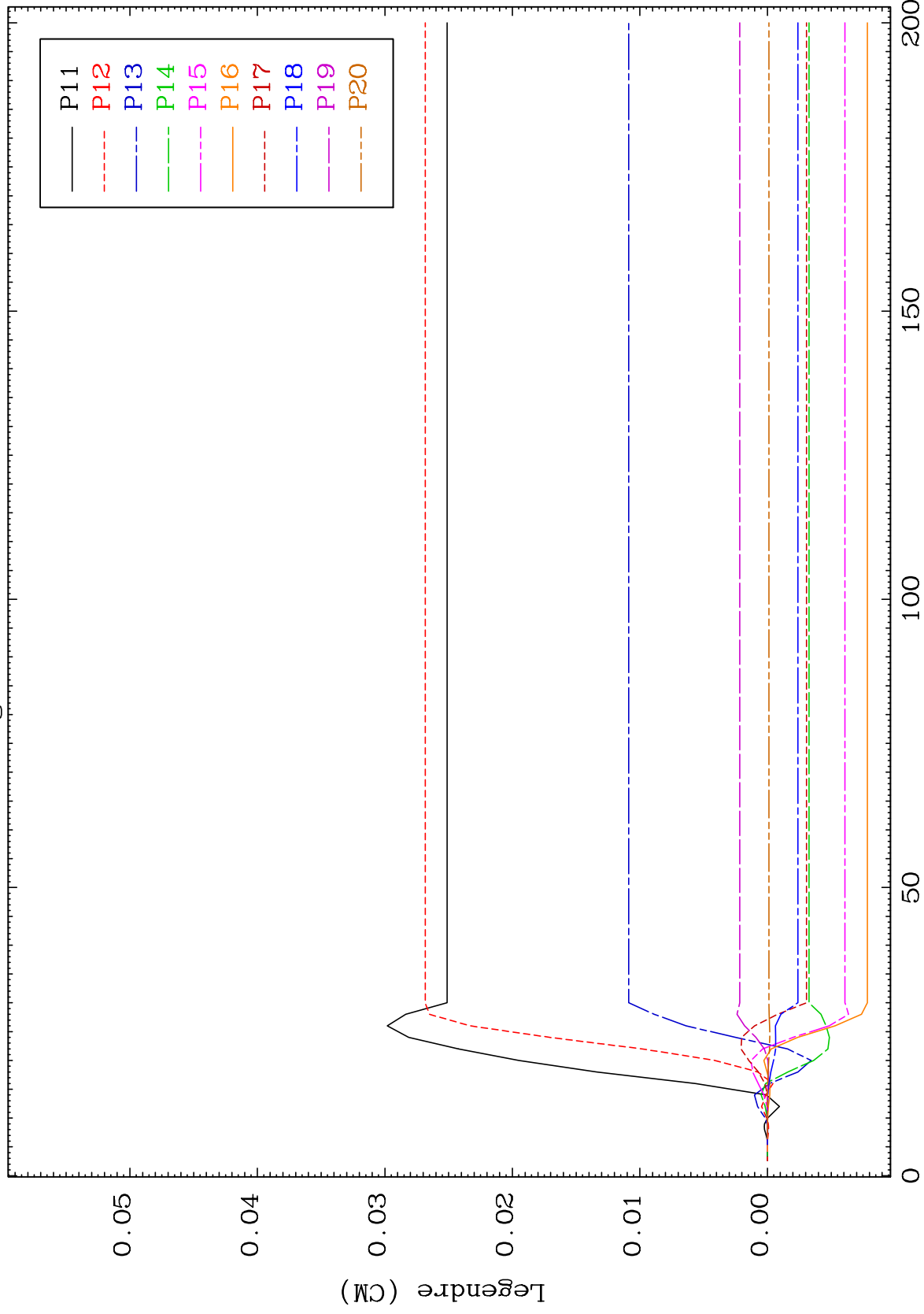
82-Pb-201



MAT 8216

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

82-Pb-201



80

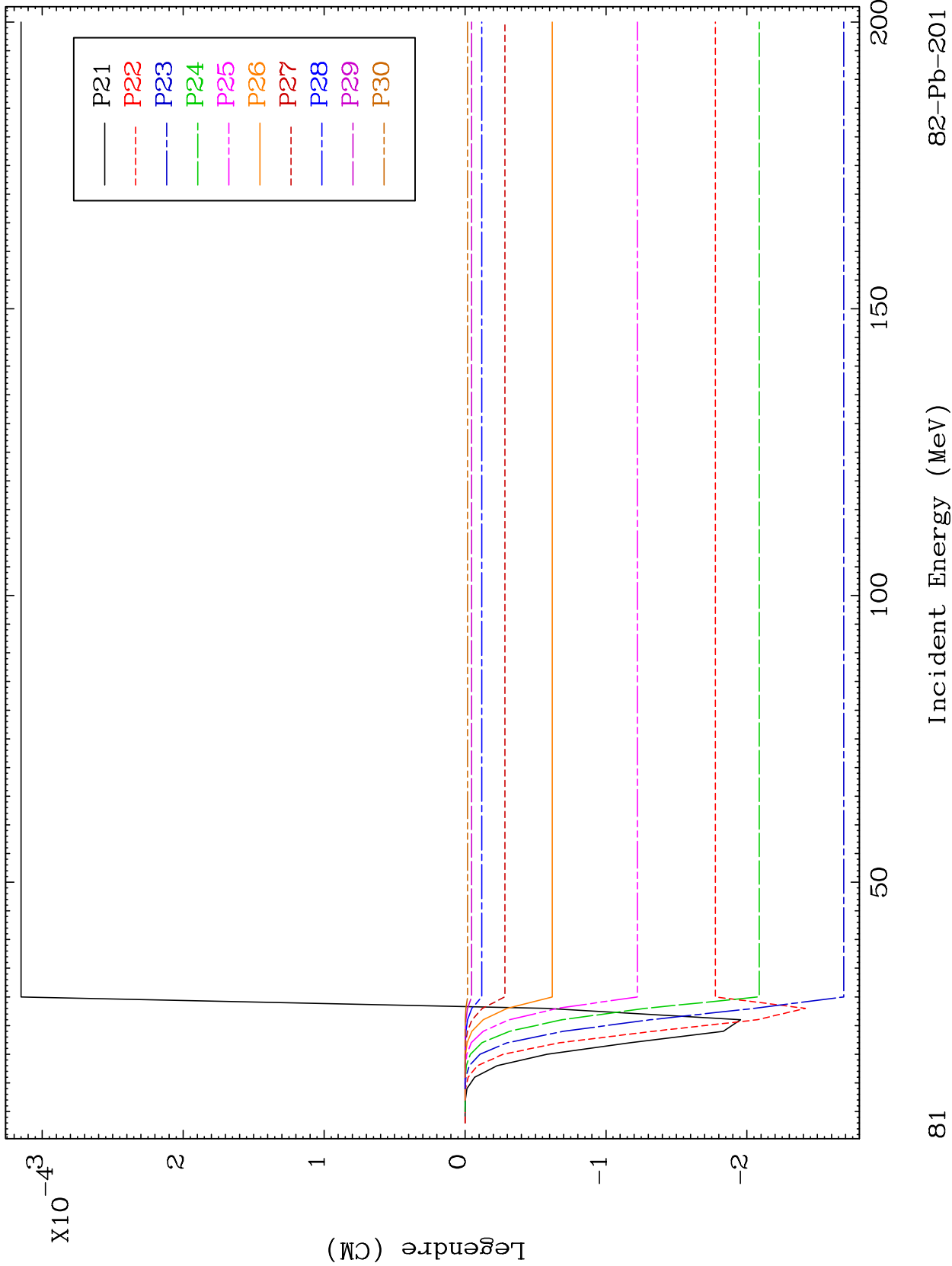
Incident Energy (MeV)

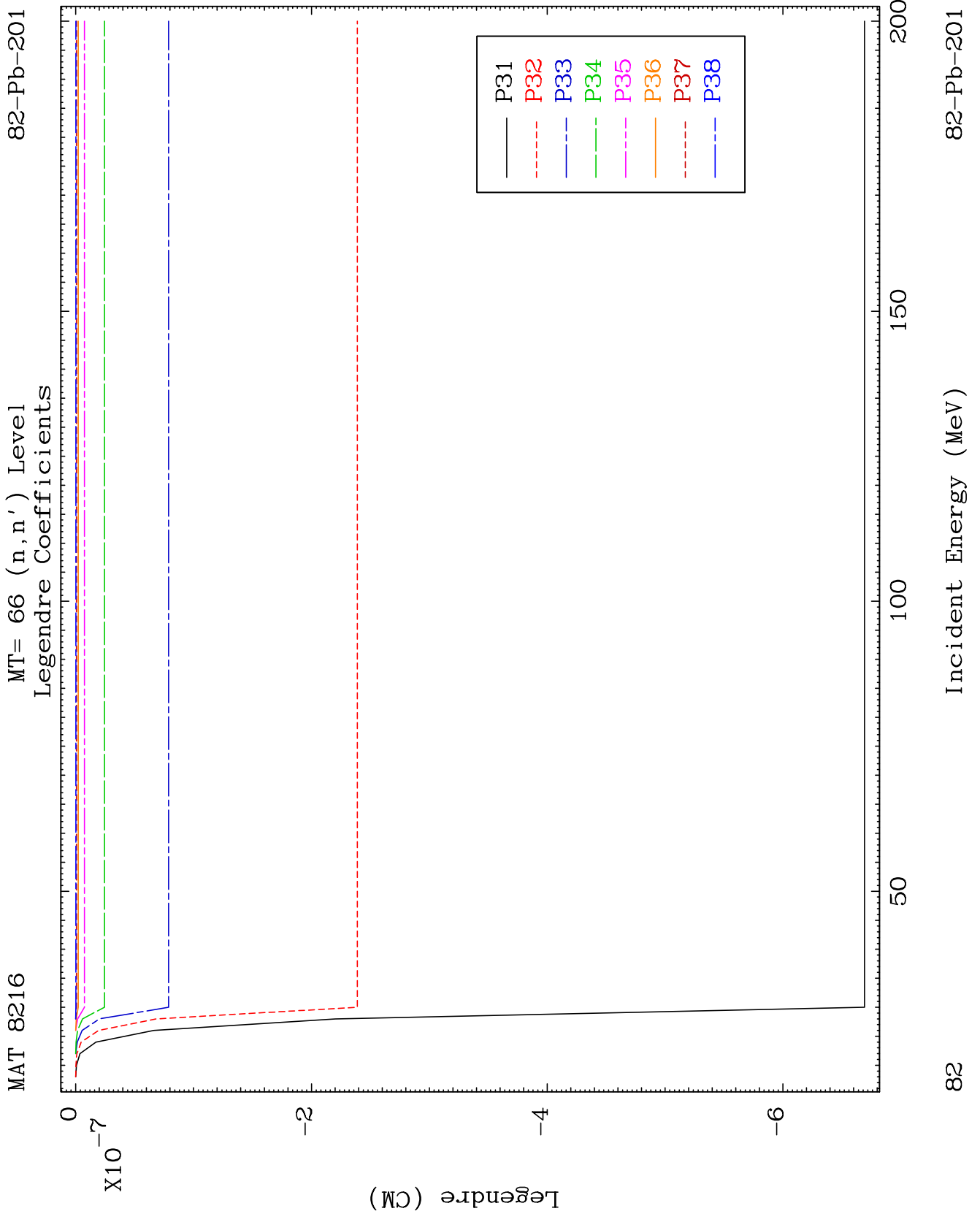
82-Pb-201

MAT 8216

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

82-Pb-201

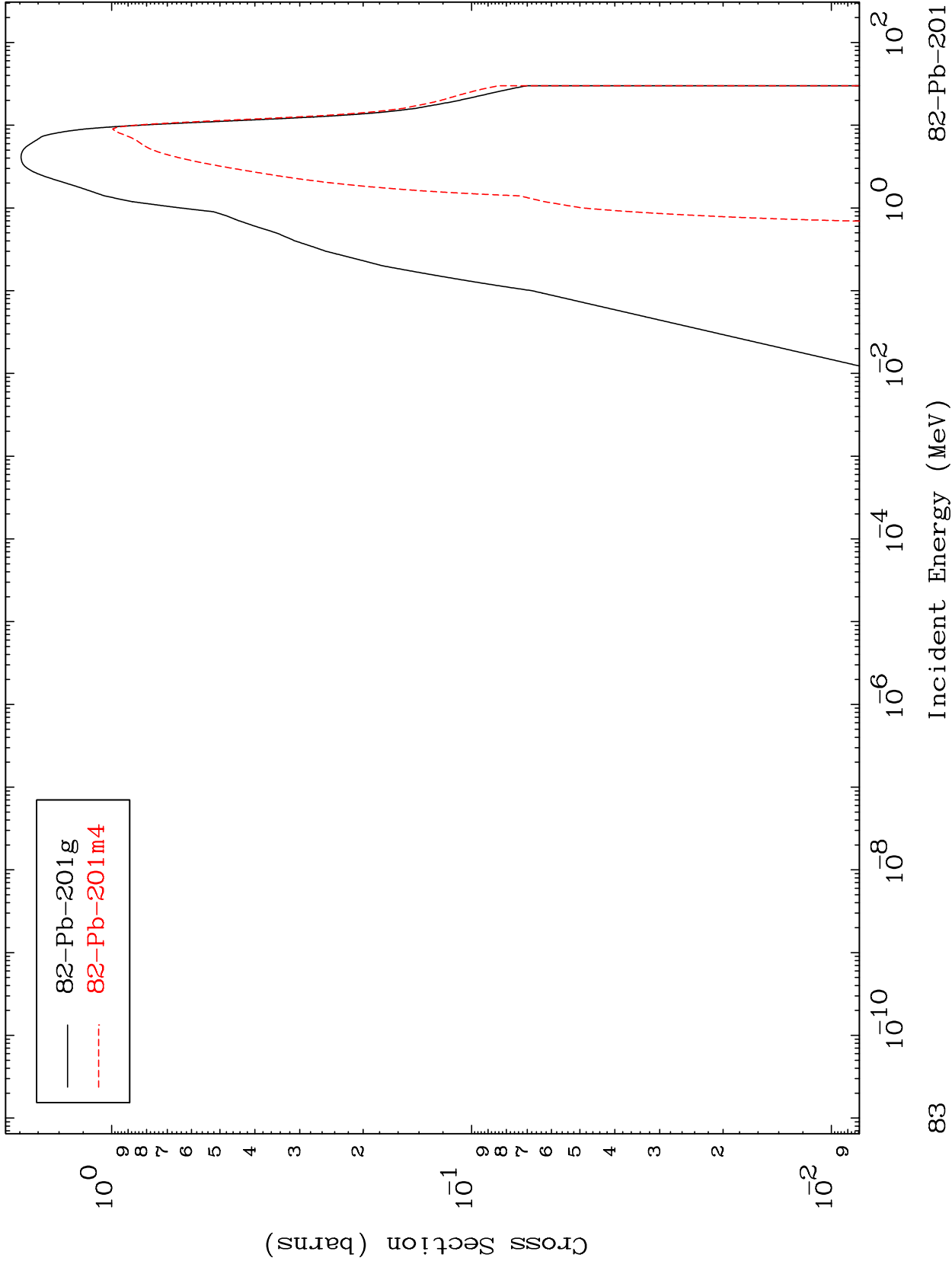




MAT 8216

Inelastic
Radionuclide Production Cross Section

82-Pb-201

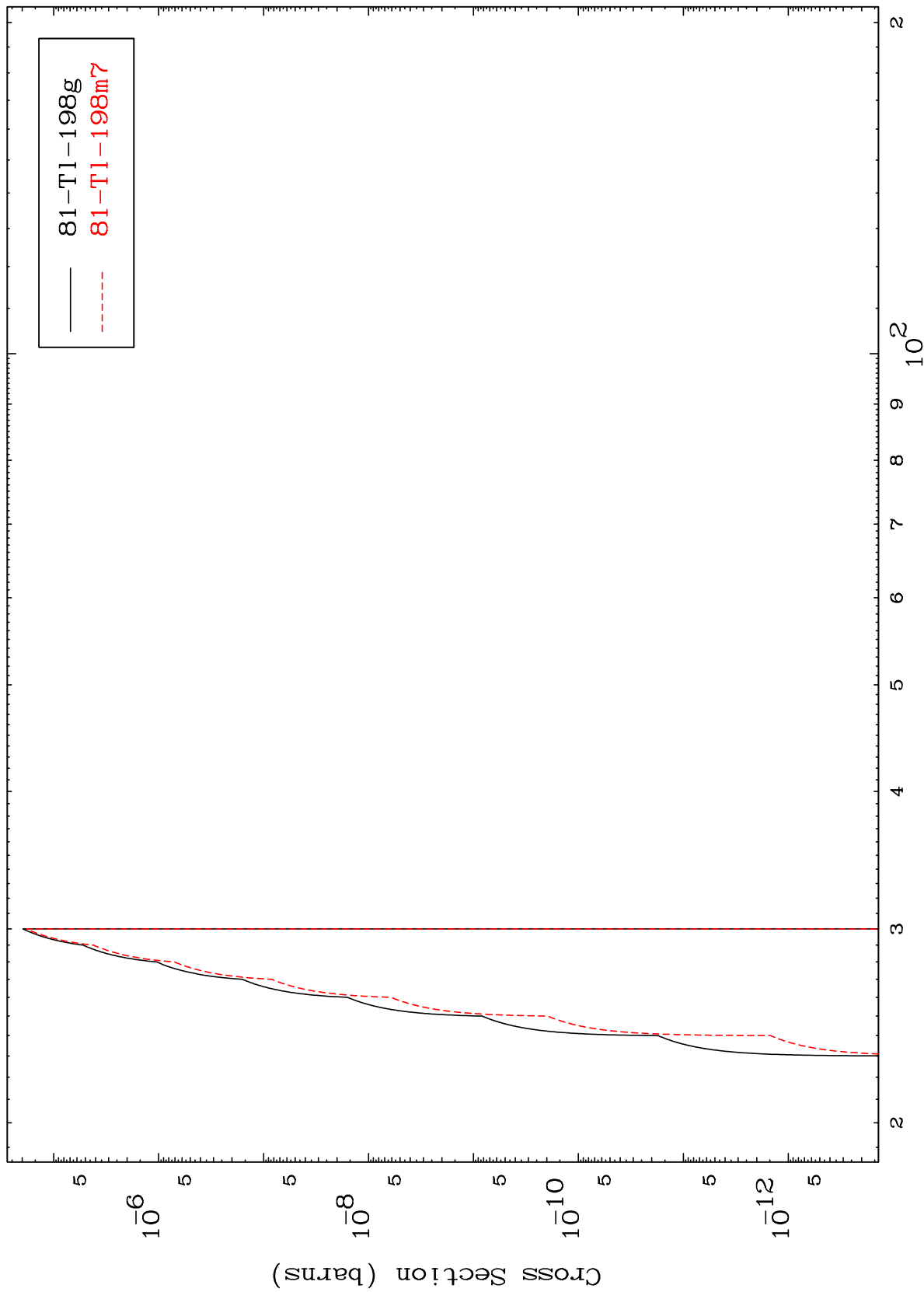


MAT 8216

(n,2n) d

82-Pb-201

Radionuclide Production Cross Section



84

Incident Energy (MeV)

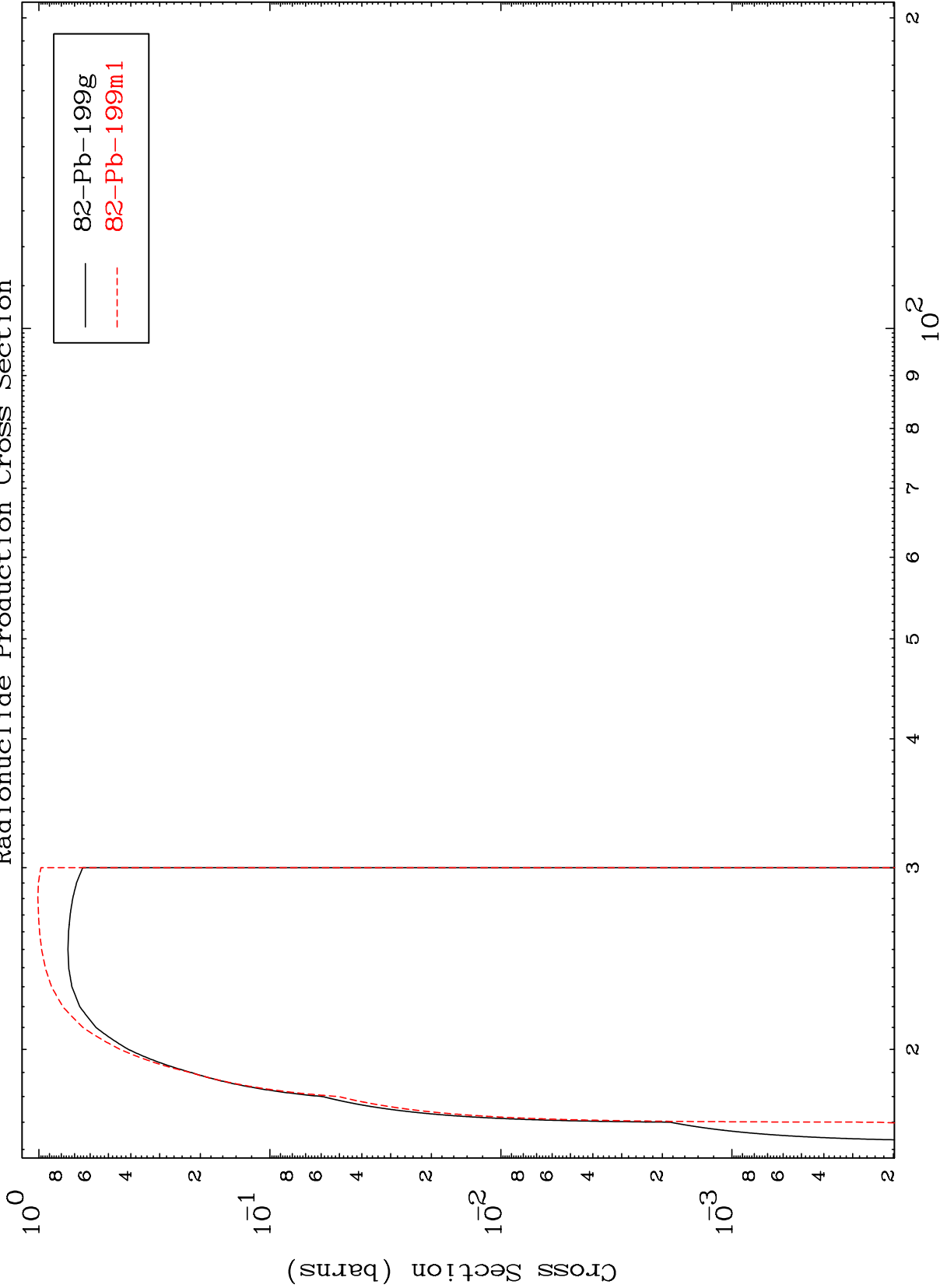
82-Pb-201

MAT 8216

(n,3n)

82-Pb-201

Radionuclide Production Cross Section



82-Pb-199g
82-Pb-199m1

85

Incident Energy (MeV)

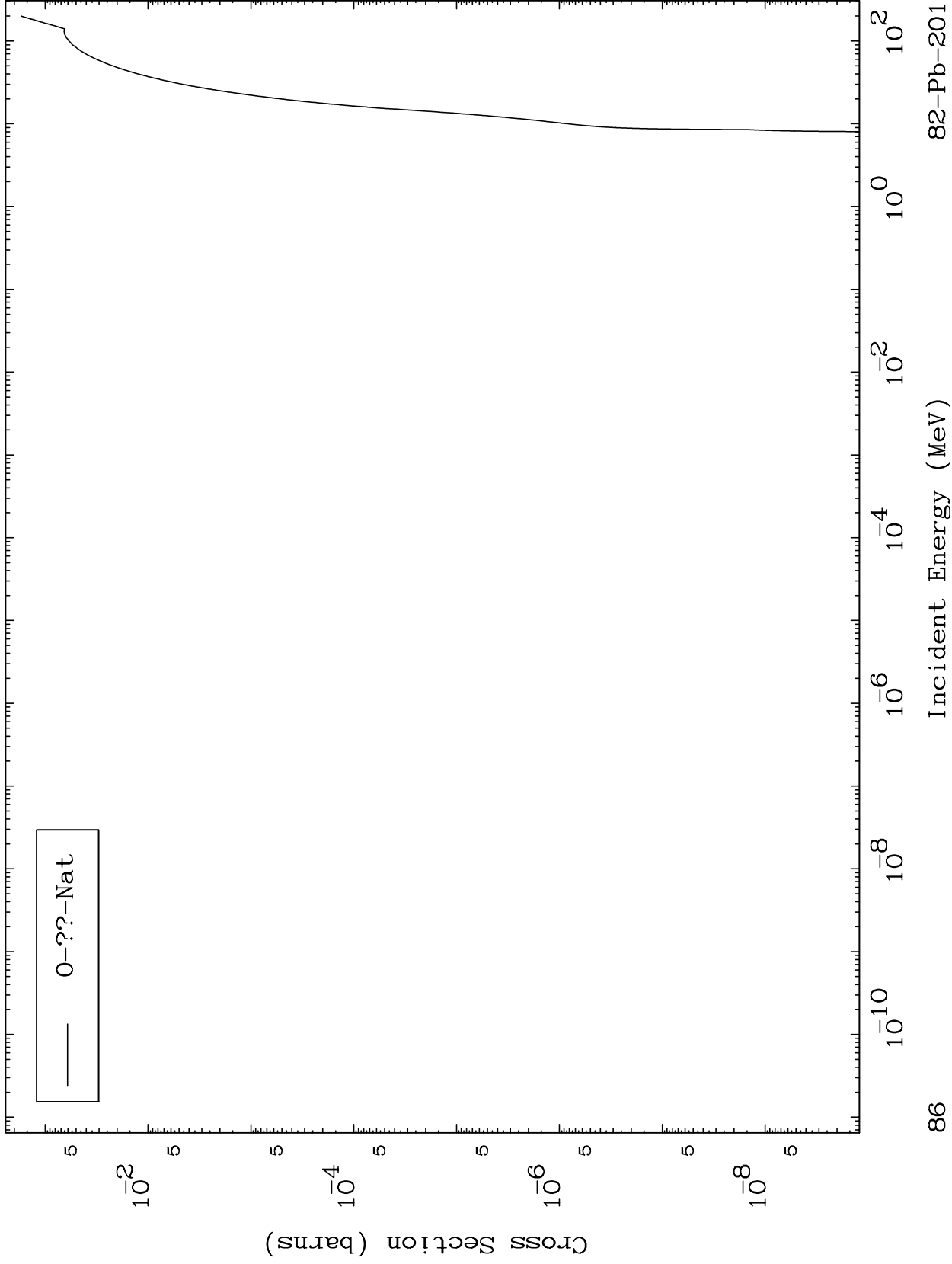
82-Pb-201

MAT 8216

Fission

82-Pb-201

Radionuclide Production Cross Section



86

Incident Energy (MeV)

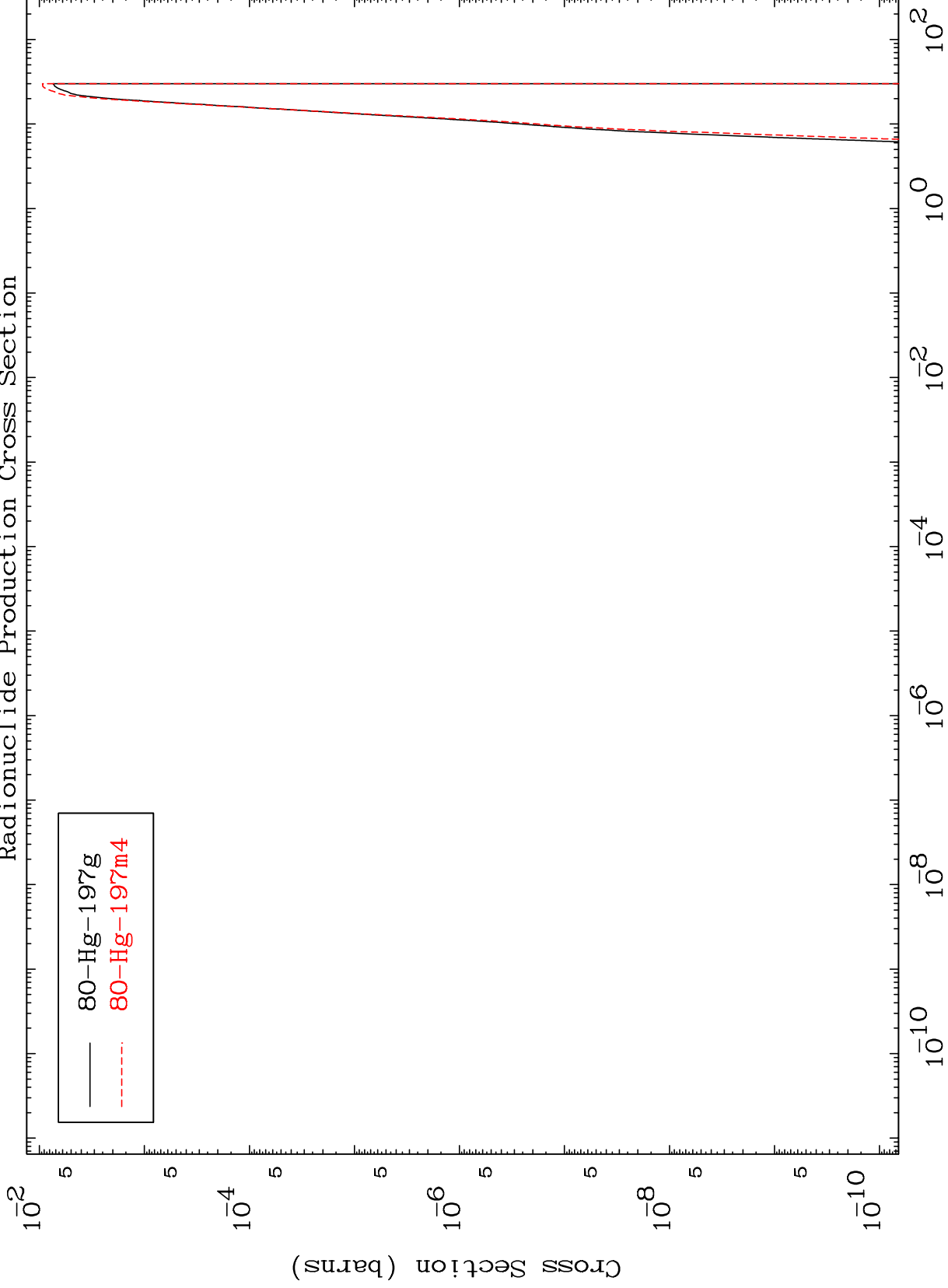
82-Pb-201

MAT 8216

$(n, n') \alpha$

82-Pb-201

Radionuclide Production Cross Section



87

Incident Energy (MeV)

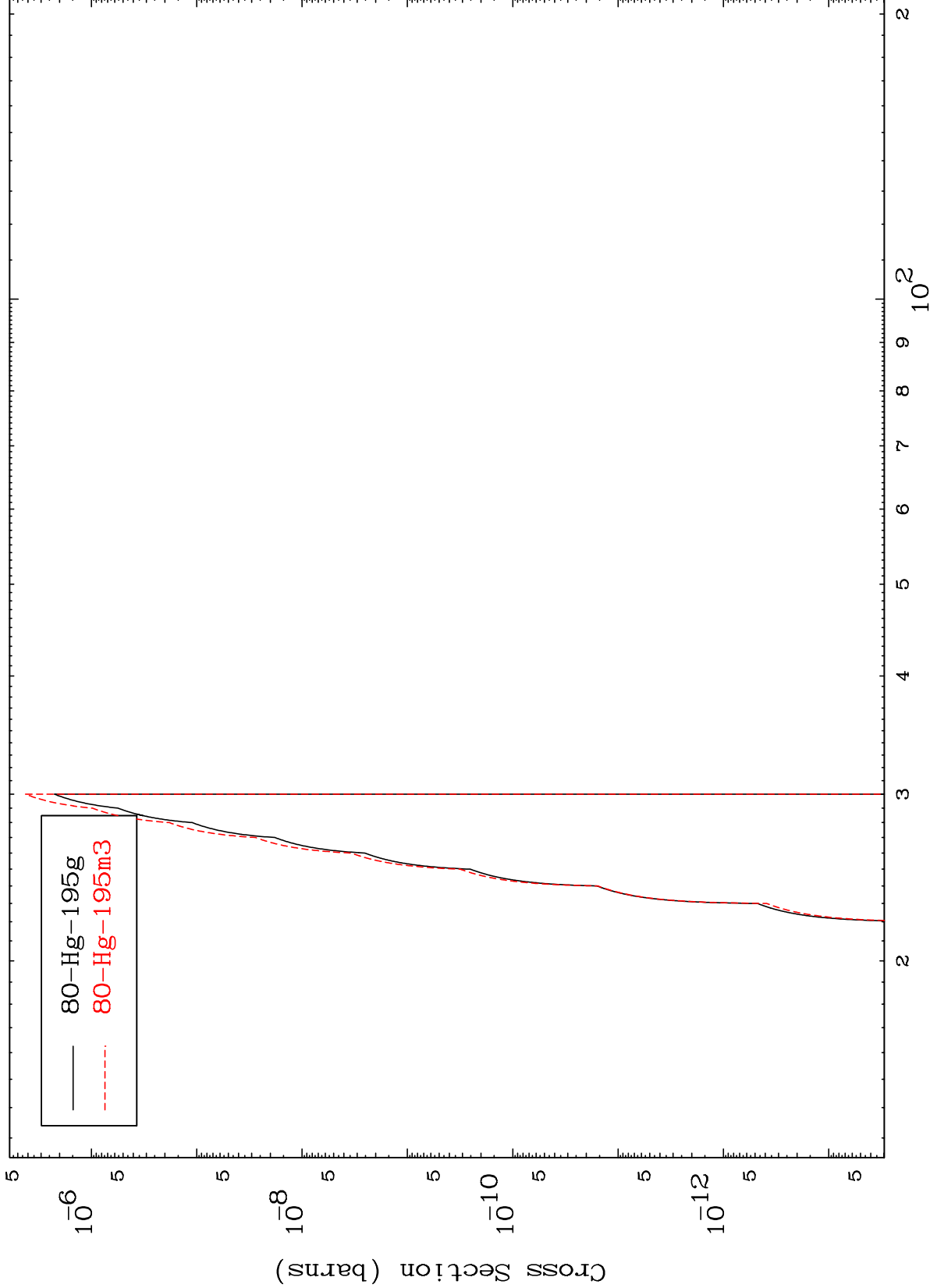
82-Pb-201

MAT 8216

(n,3n) α

82-Pb-201

Radionuclide Production Cross Section



88

Incident Energy (MeV)

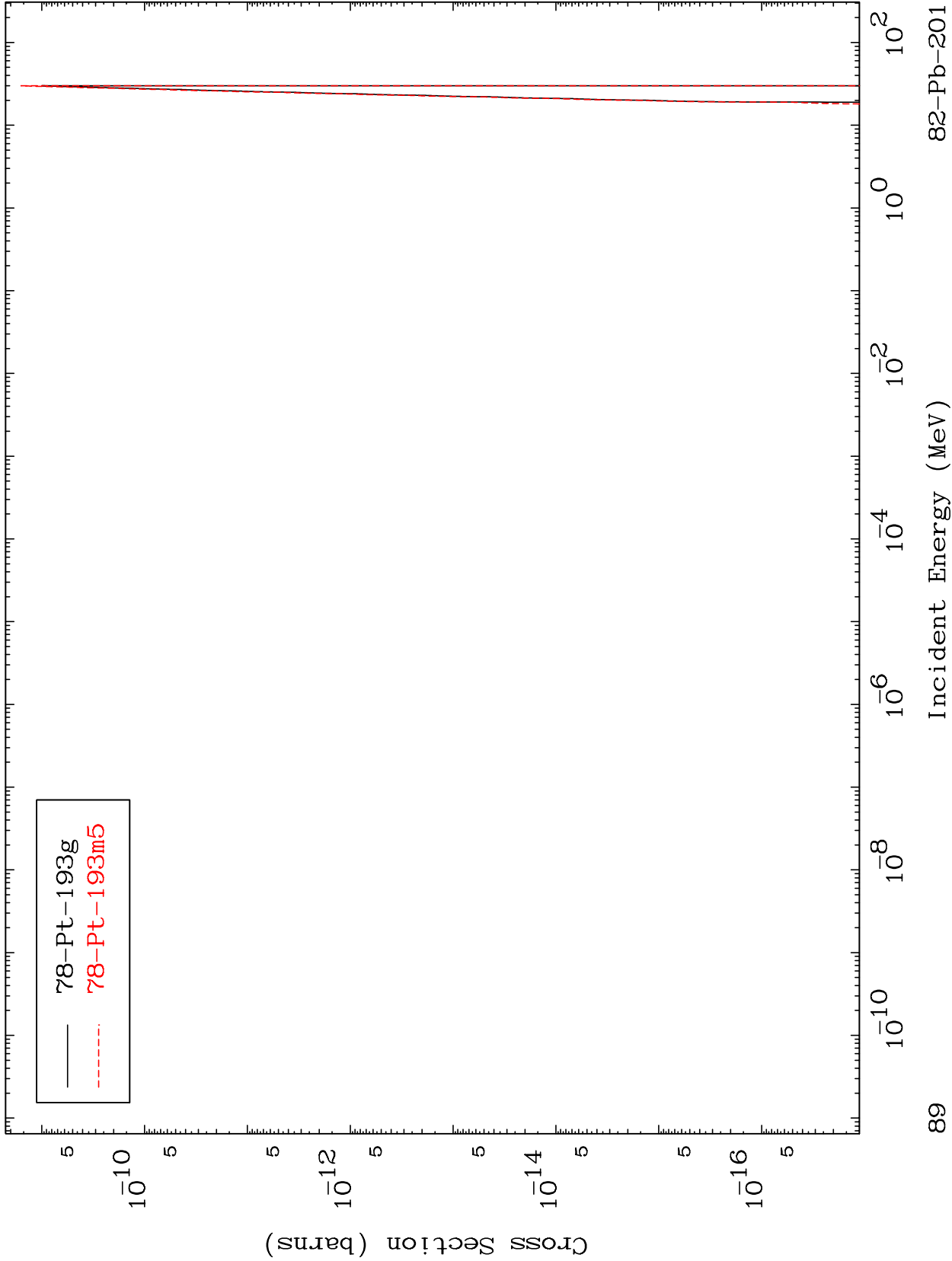
82-Pb-201

MAT 8216

(n,n') 2 α

82-Pb-201

Radionuclide Production Cross Section

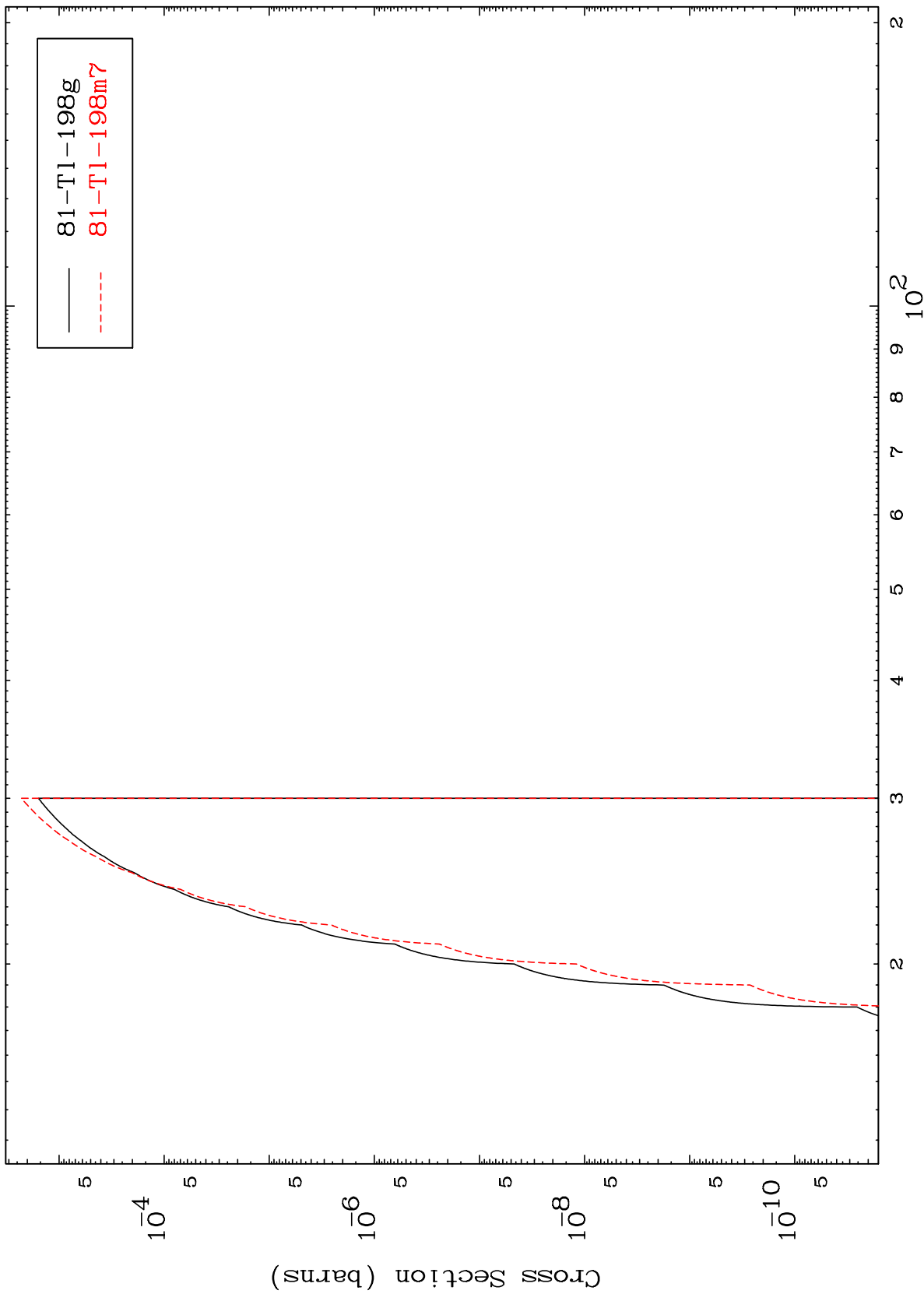


MAT 8216

(n,n') t

82-Pb-201

Radionuclide Production Cross Section



90

Incident Energy (MeV)

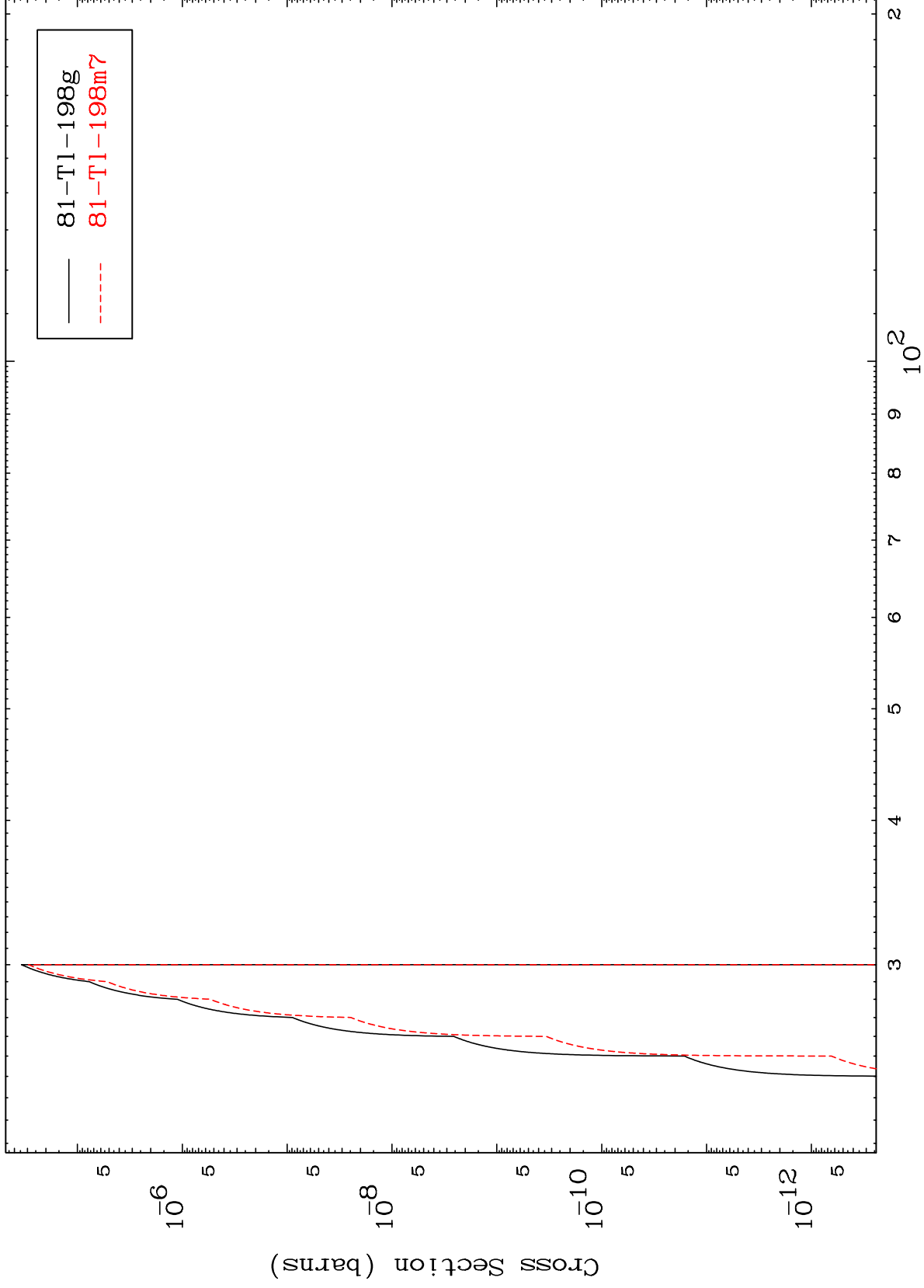
82-Pb-201

MAT 8216

(n,3n) p

82-Pb-201

Radionuclide Production Cross Section



91

Incident Energy (MeV)

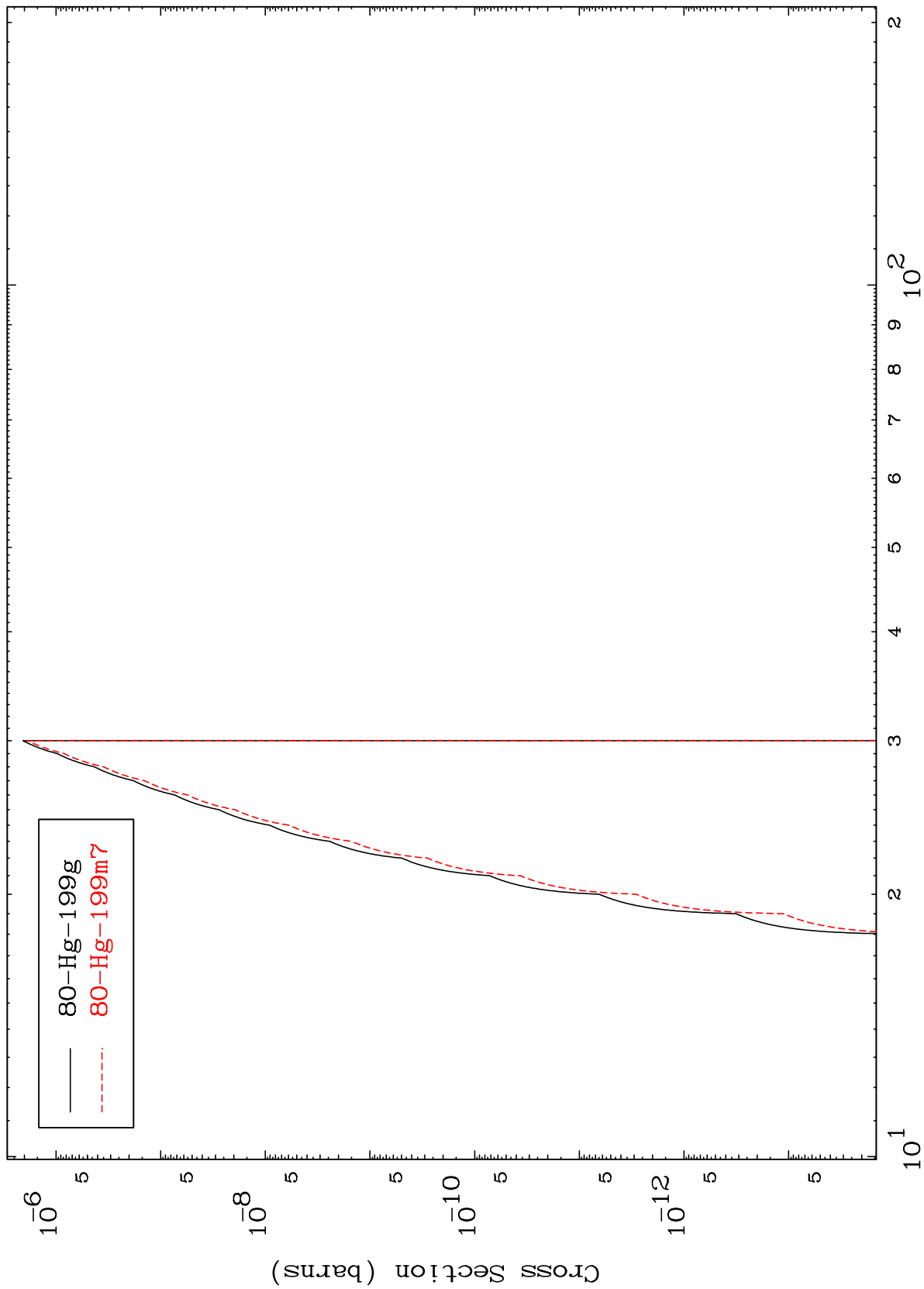
82-Pb-201

MAT 8216

(n,2n) p

82-Pb-201

Radionuclide Production Cross Section



92

Incident Energy (MeV)

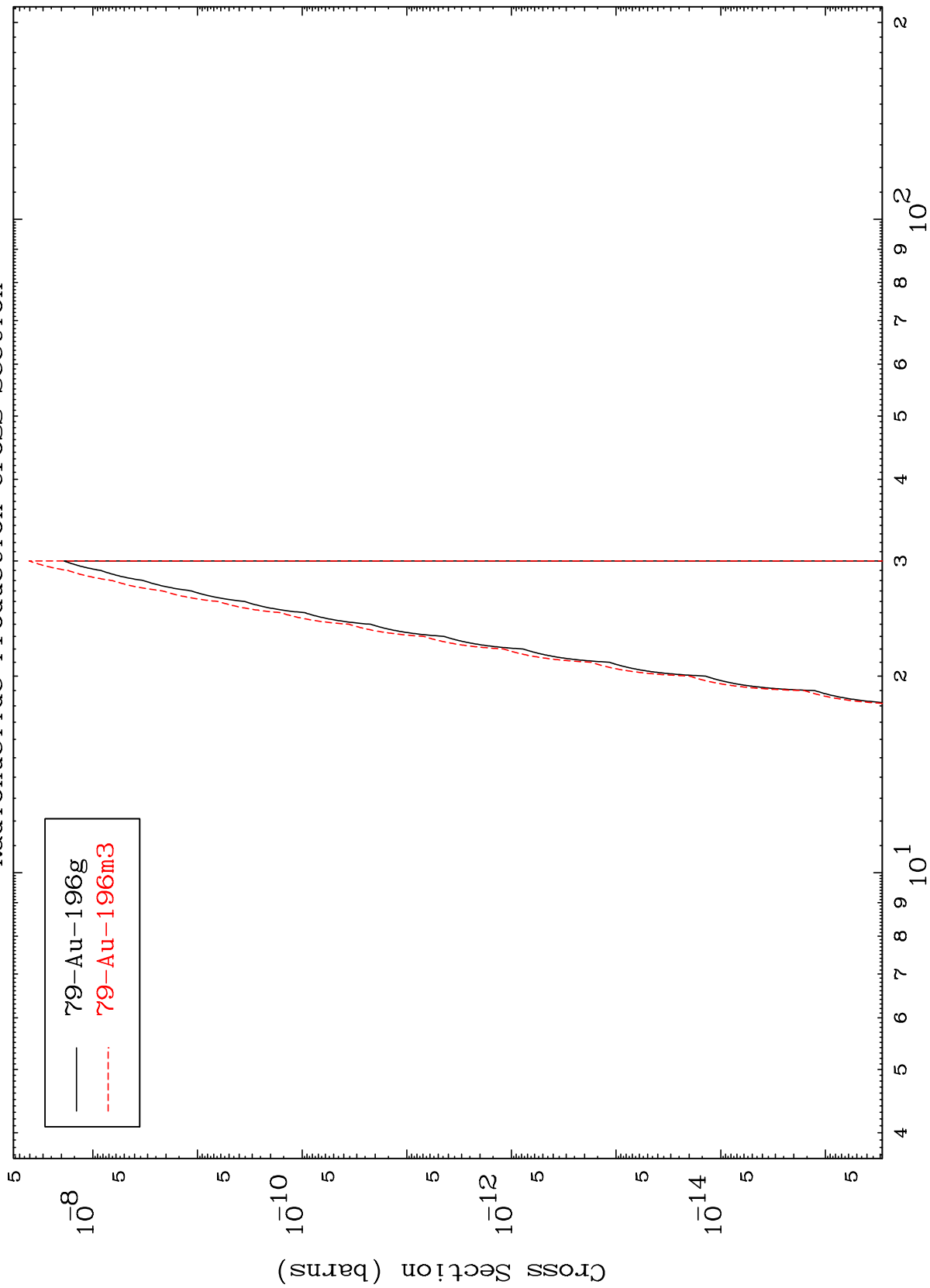
82-Pb-201

MAT 8216

(n,n') p α

82-Pb-201

Radionuclide Production Cross Section



93

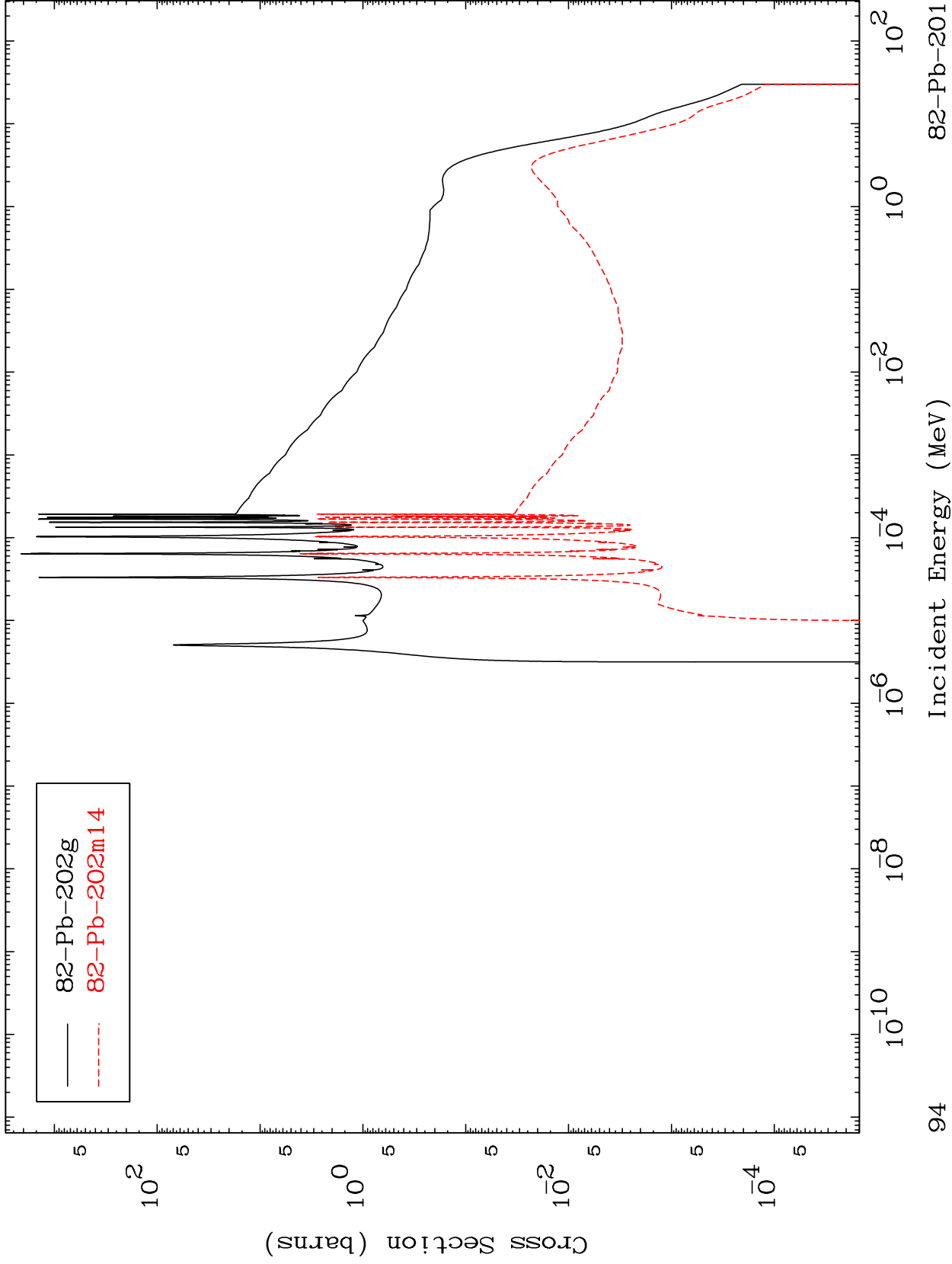
Incident Energy (MeV)

82-Pb-201

MAT 8216

82-Pb-201

(n, γ)
Radionuclide Production Cross Section

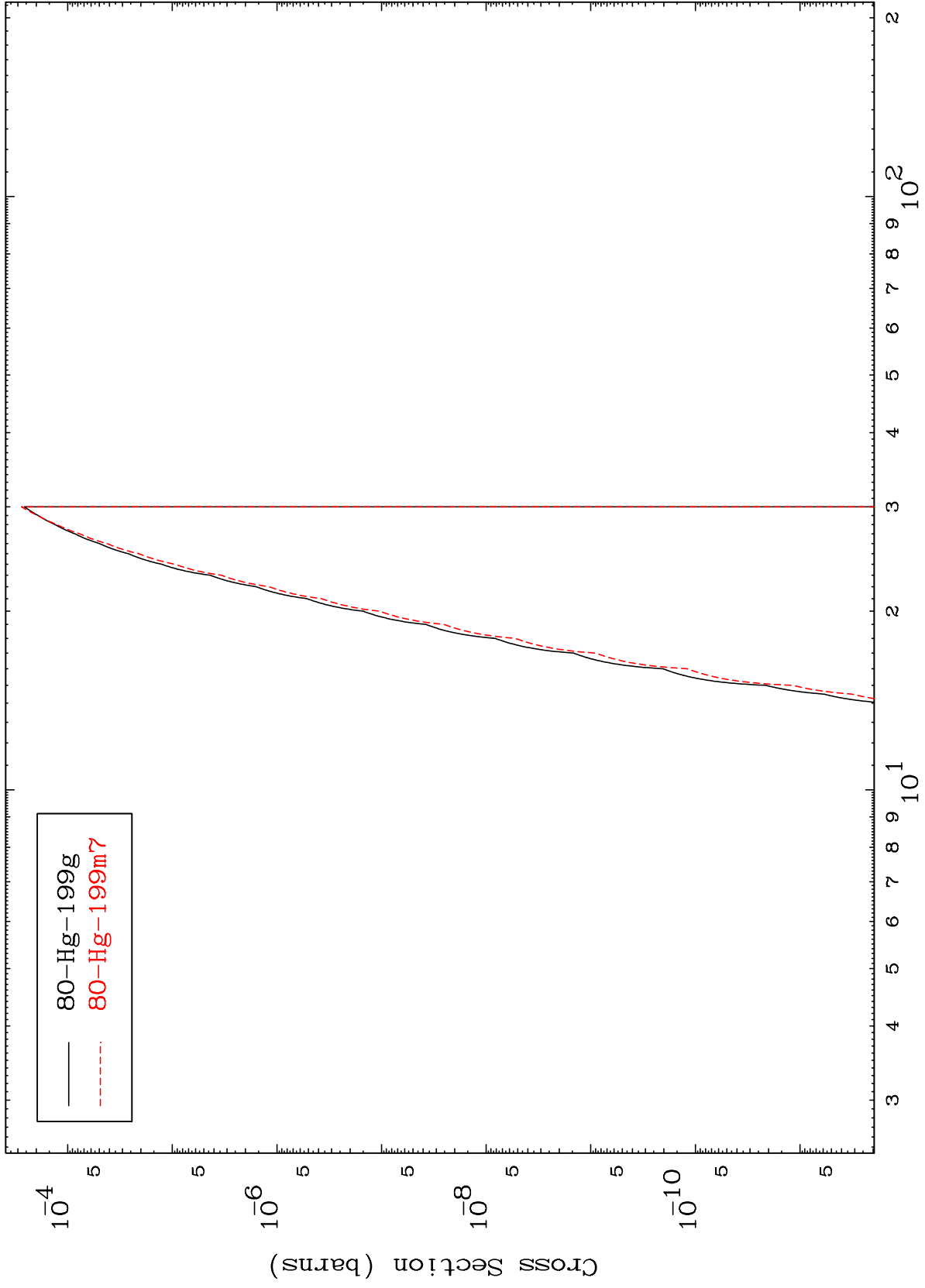


MAT 8216

(n,He-3)

82-Pb-201

Radionuclide Production Cross Section



95

Incident Energy (MeV)

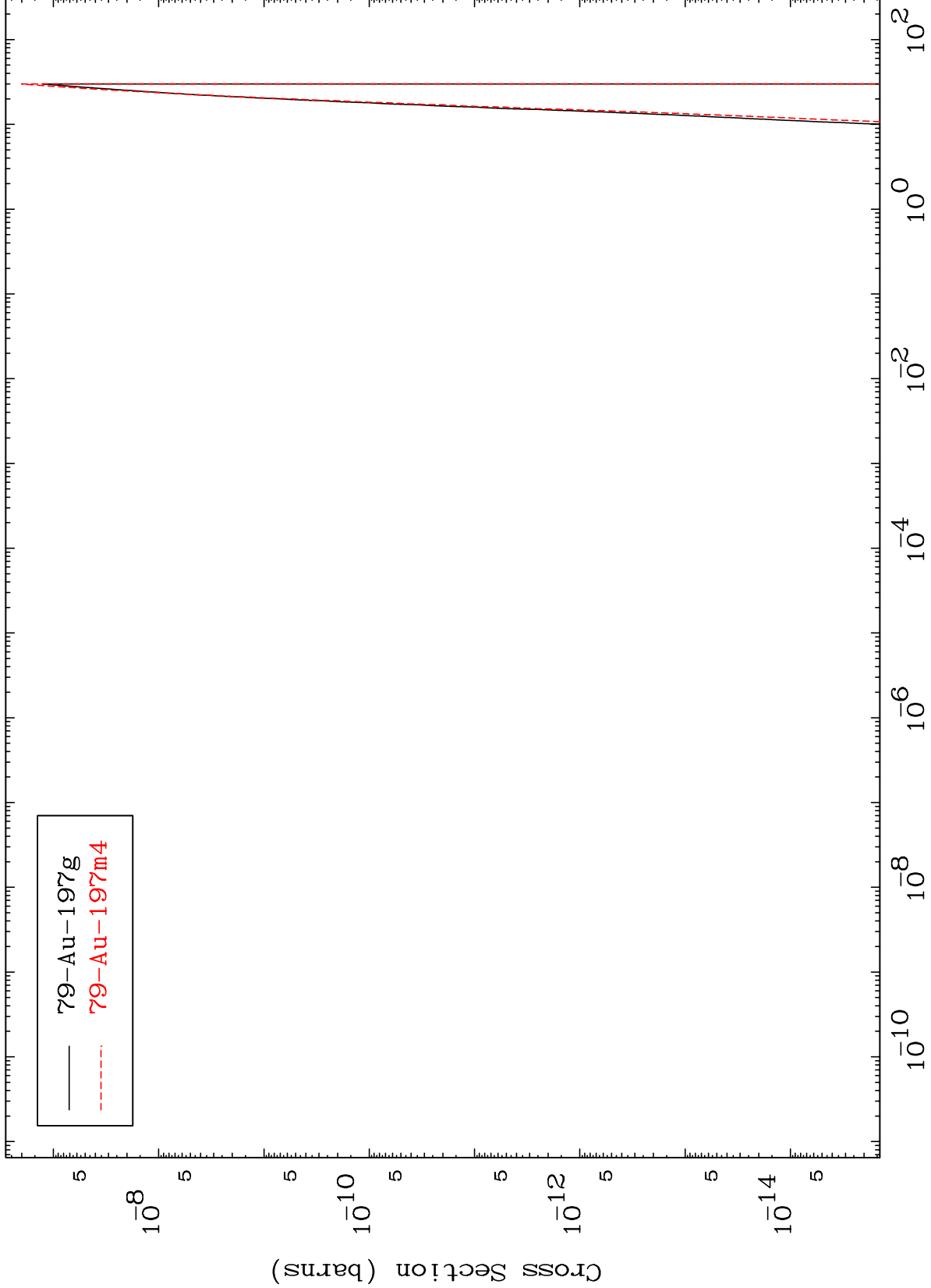
82-Pb-201

MAT 8216

(n,p) α

82-Pb-201

Radionuclide Production Cross Section

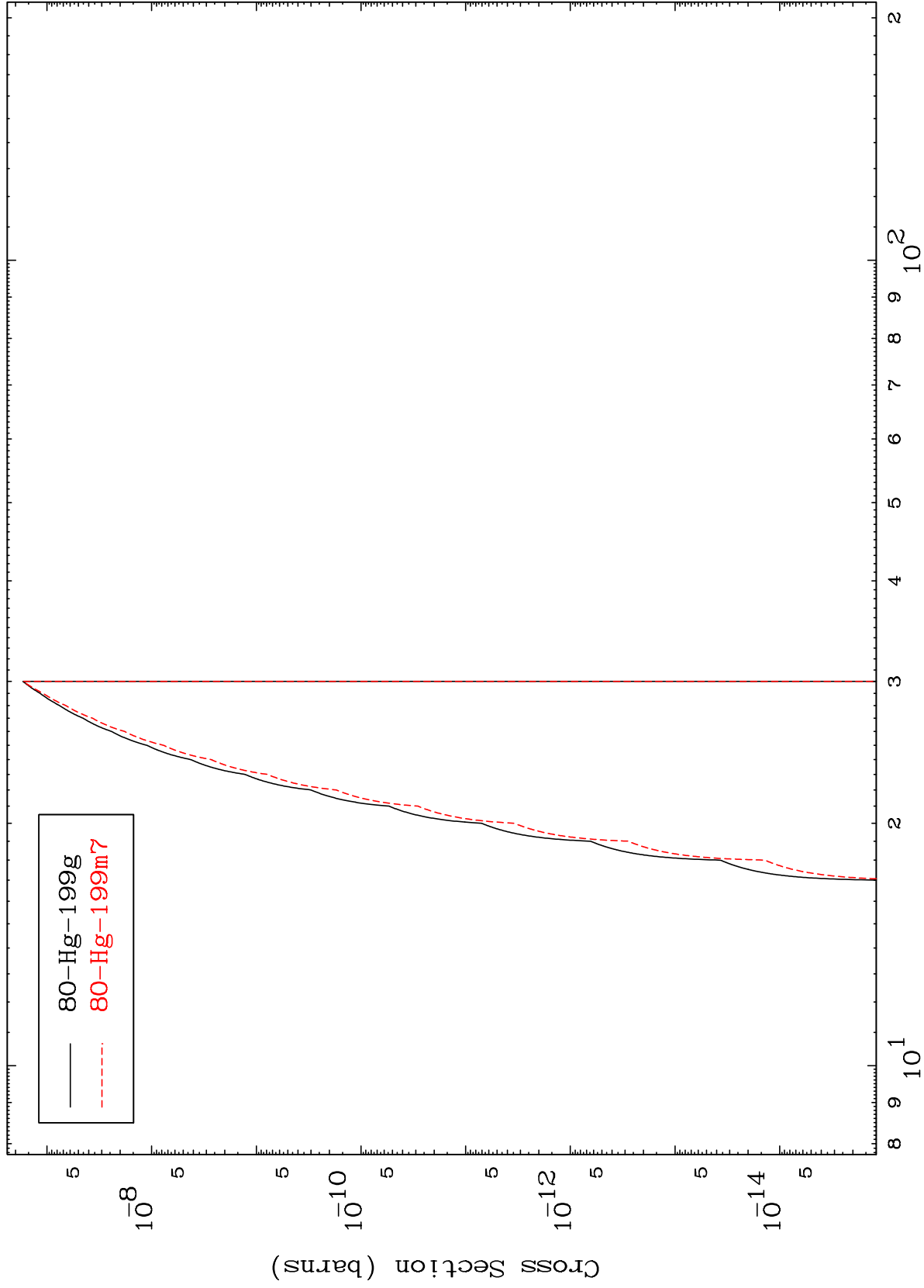


MAT 8216

(n,p) d

82-Pb-201

Radionuclide Production Cross Section



97

Incident Energy (MeV)

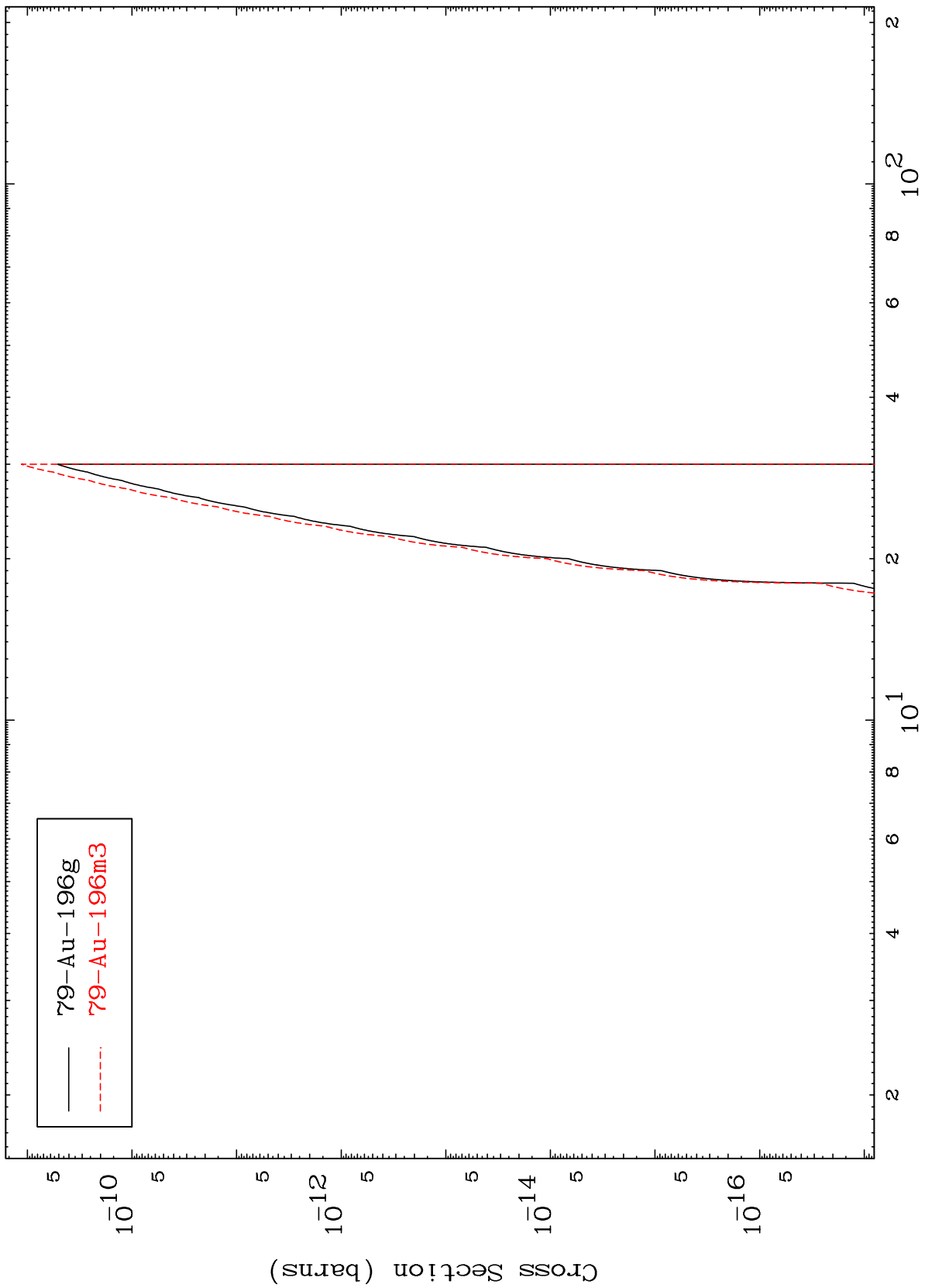
82-Pb-201

MAT 8216

(n,d) α

82-Pb-201

Radionuclide Production Cross Section



— $^{79}\text{Au-196g}$
- - - $^{79}\text{Au-196m3}$