

Program EVALPLOT
(Version 2021-1)

by

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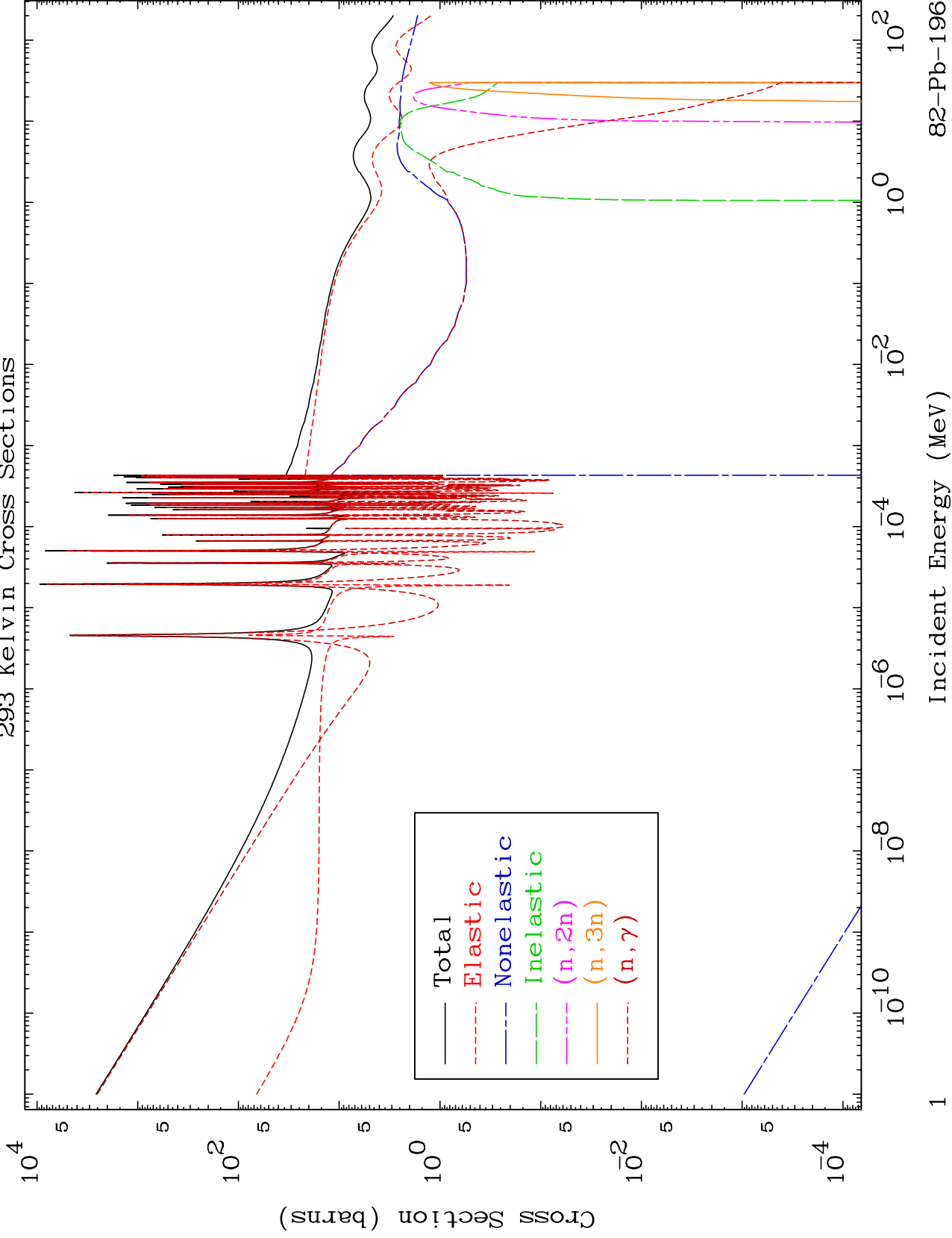
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8201

Neutron Major
293 Kelvin Cross Sections

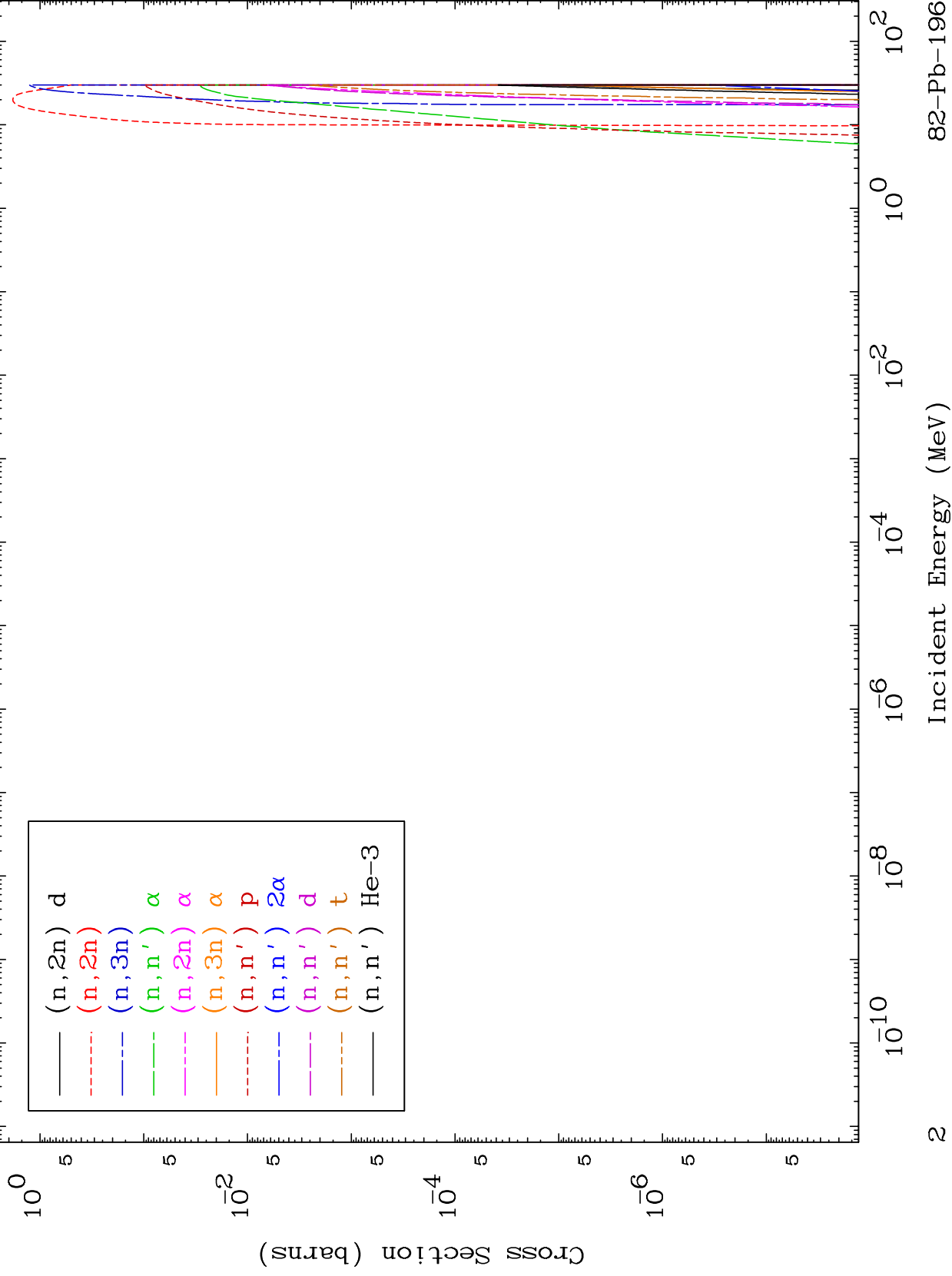
82-Pb-196

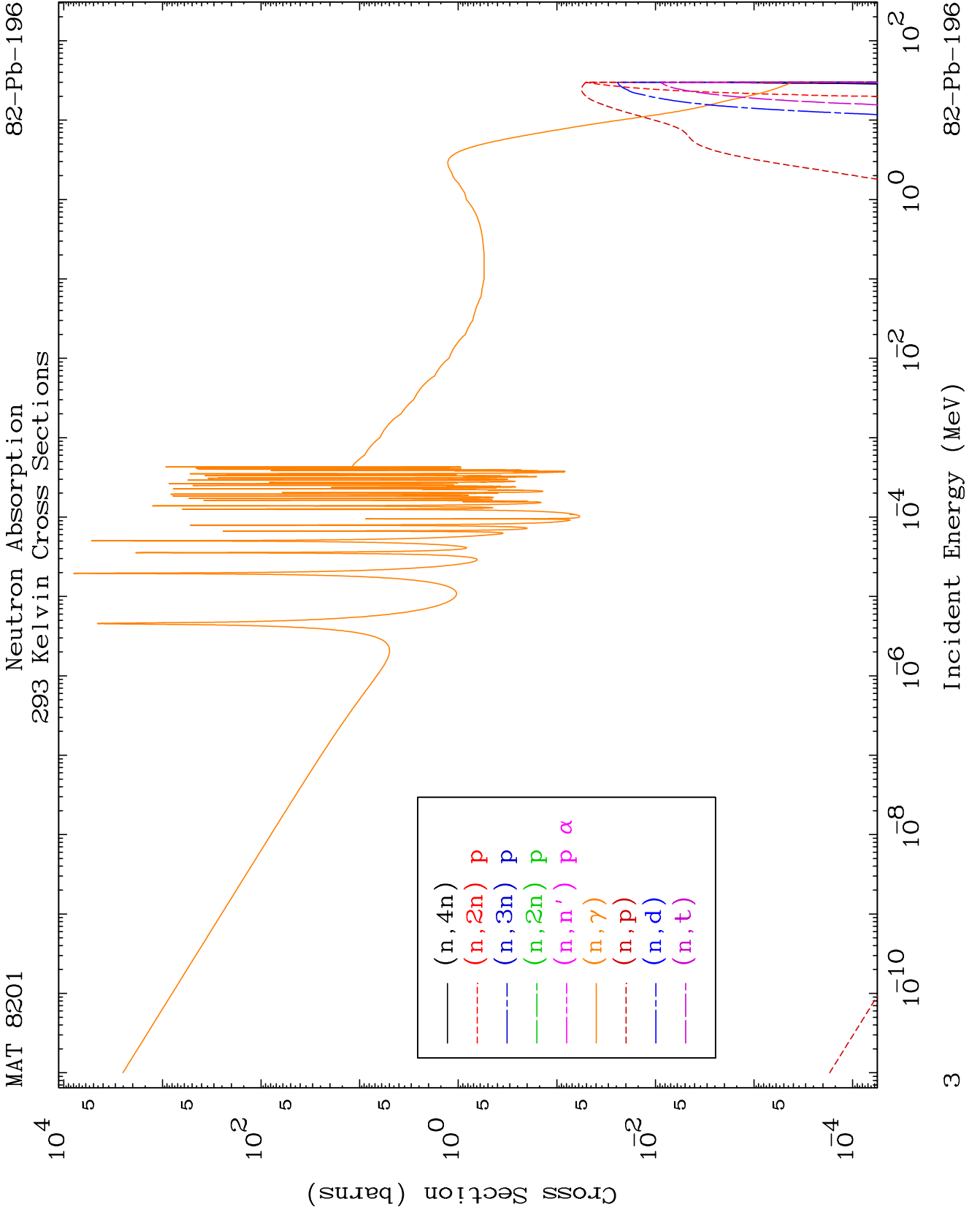


MAT 8201

Neutron Absorption
293 Kelvin Cross Sections

82-Pb-196

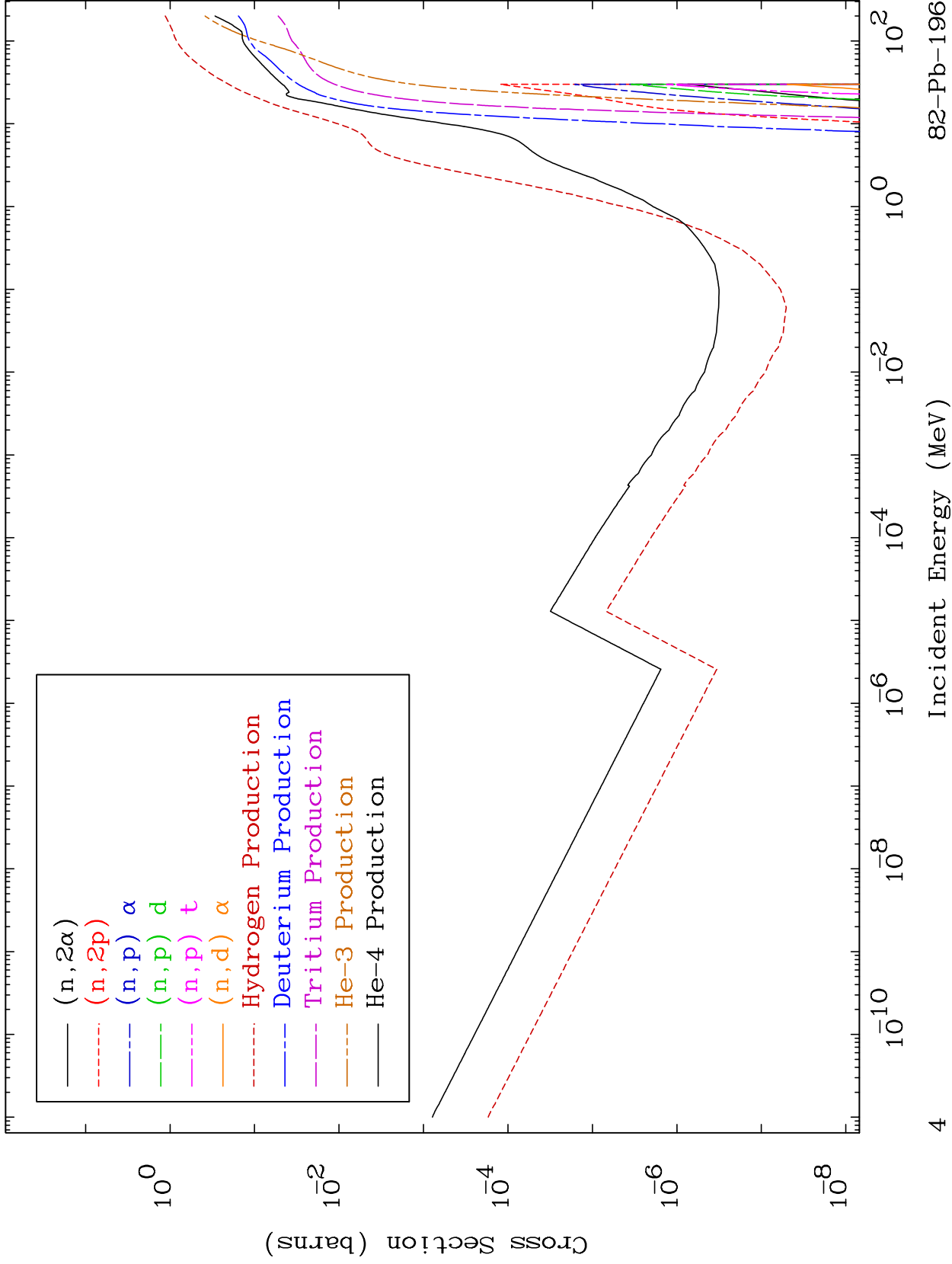




MAT 8201

Neutron Absorption
293 Kelvin Cross Sections

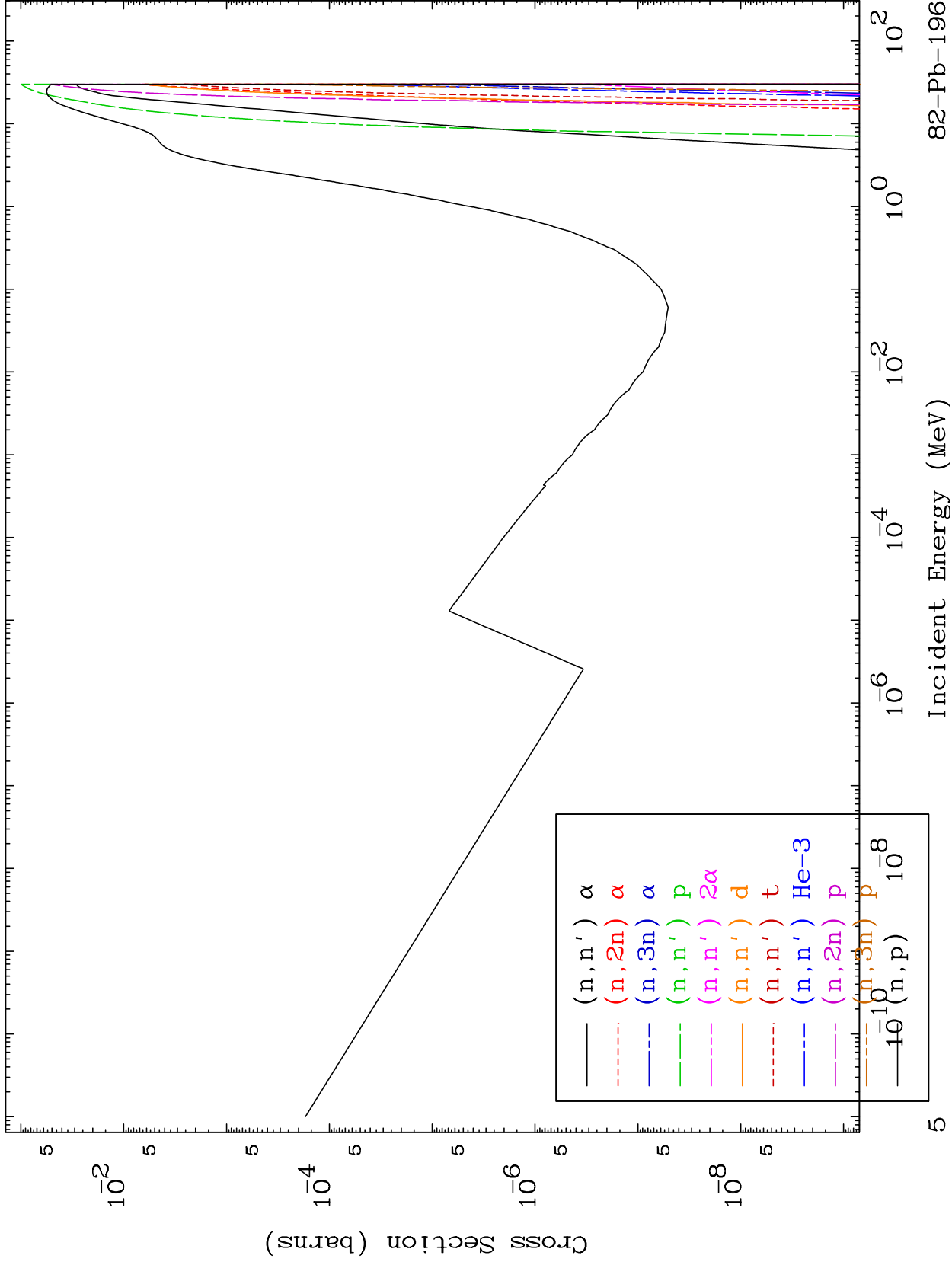
82-Pb-196



MAT 8201

Charged Particle
293 Kelvin Cross Sections

82-Pb-196



82-Pb-196

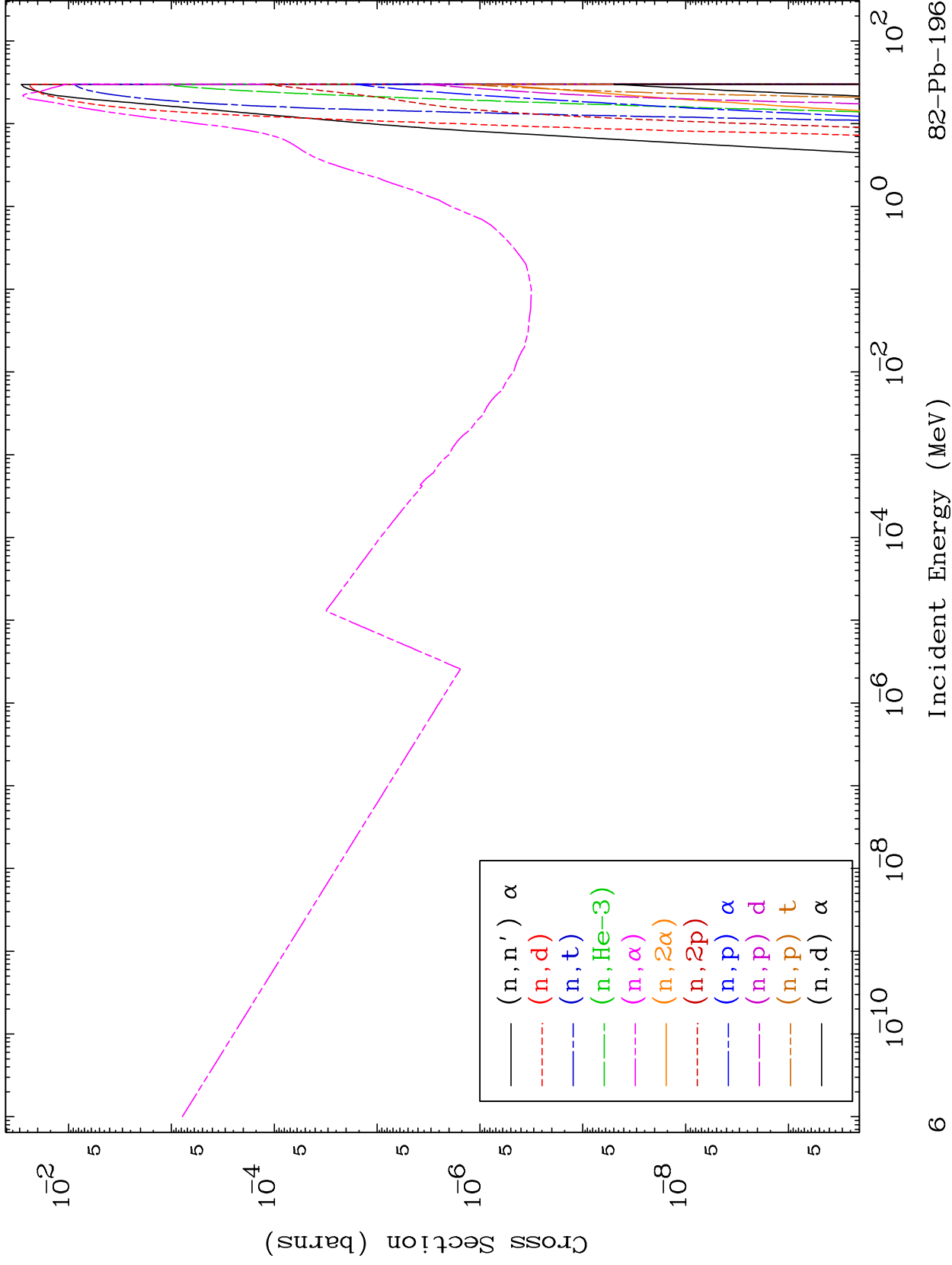
Incident Energy (MeV)

5

MAT 8201

Charged Particle
293 Kelvin Cross Sections

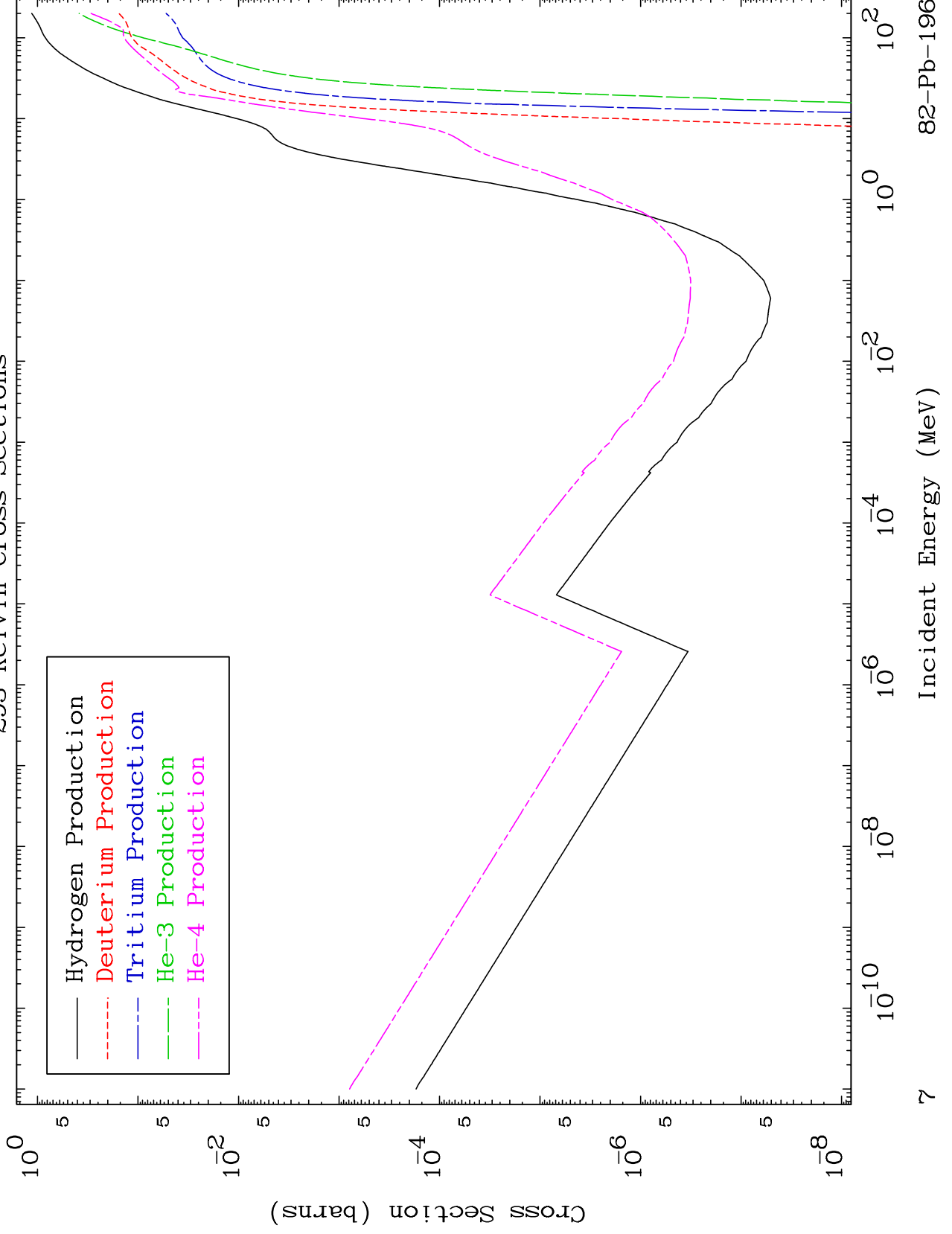
82-Pb-196



MAT 8201

Particle Production
293 Kelvin Cross Sections

82-Pb-196

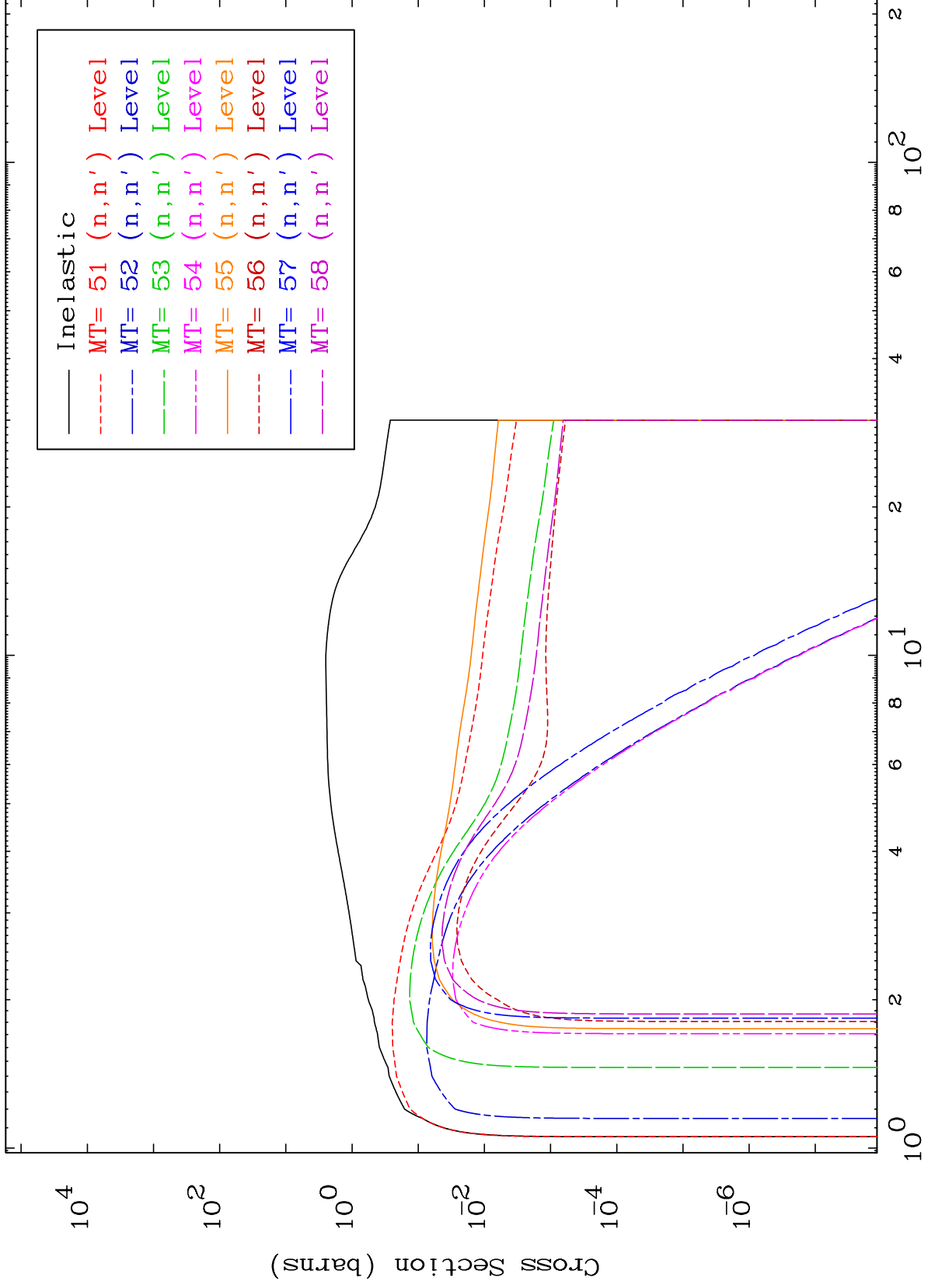


MAT 8201

(n,n') Levels

293 Kelvin Cross Sections

82-Pb-196



Incident Energy (MeV)

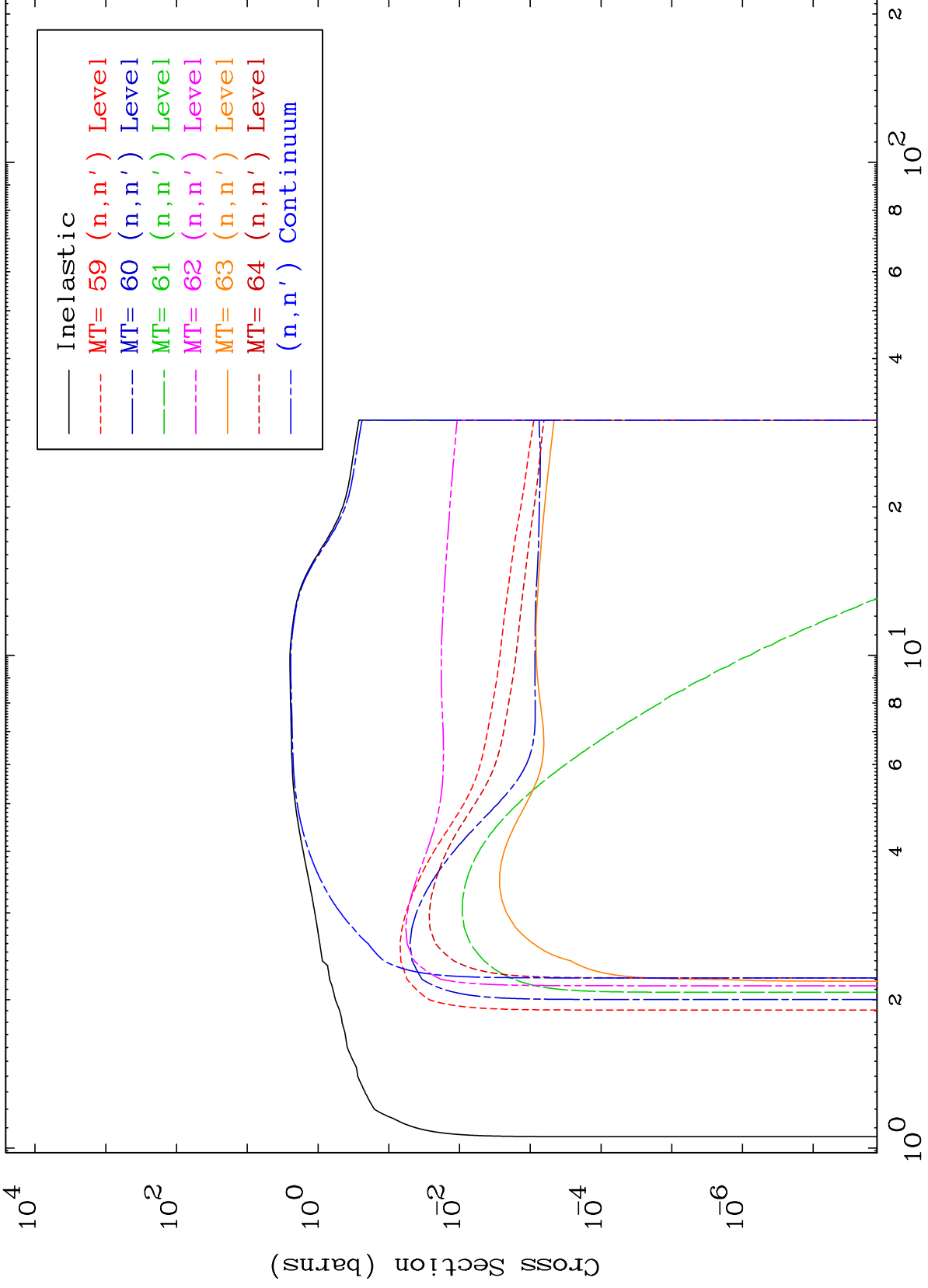
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MAT 8201

(n,n') Levels

82-Pb-196

293 Kelvin Cross Sections



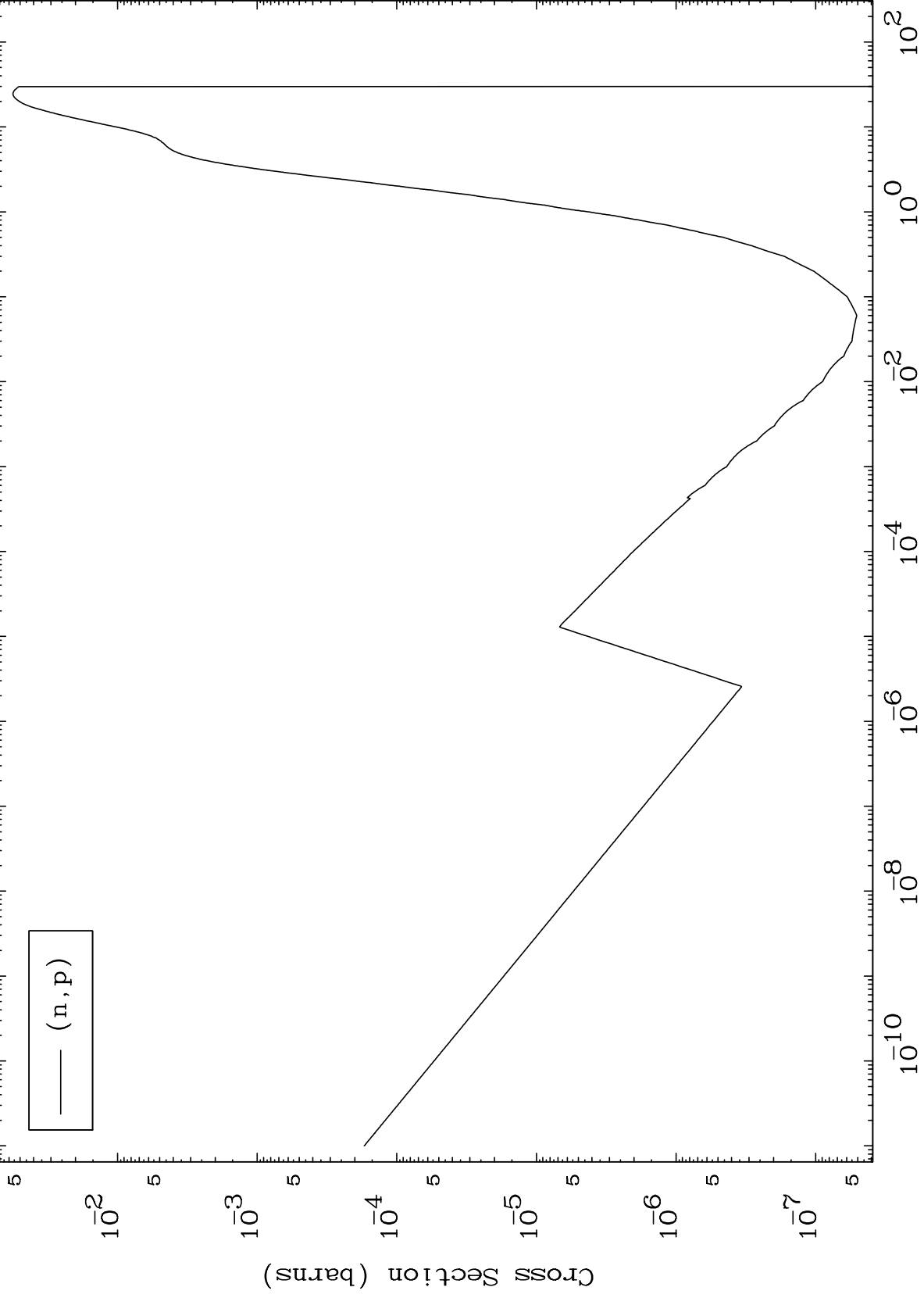
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-196



10

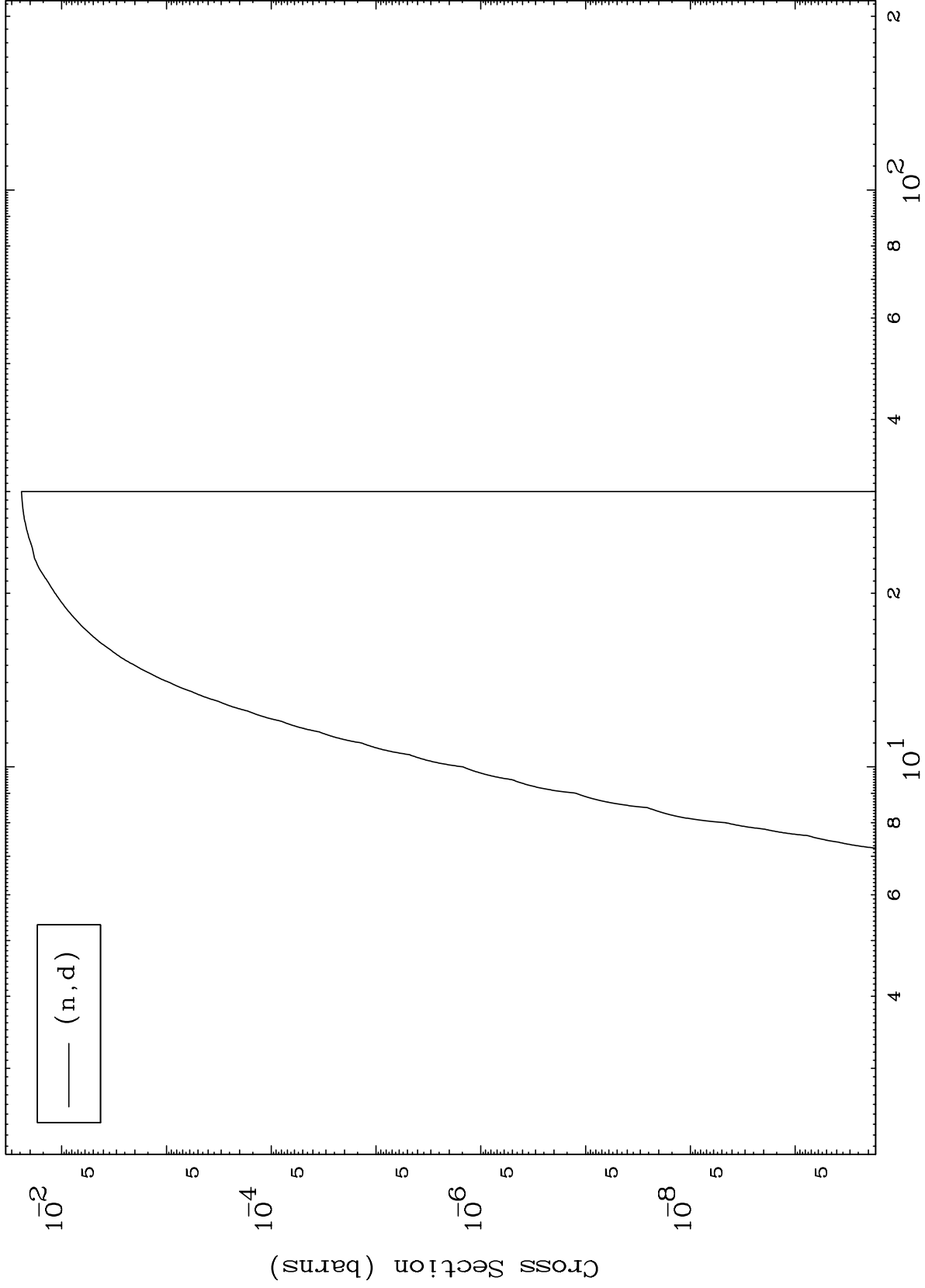
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,d) Levels
293 Kelvin Cross Sections

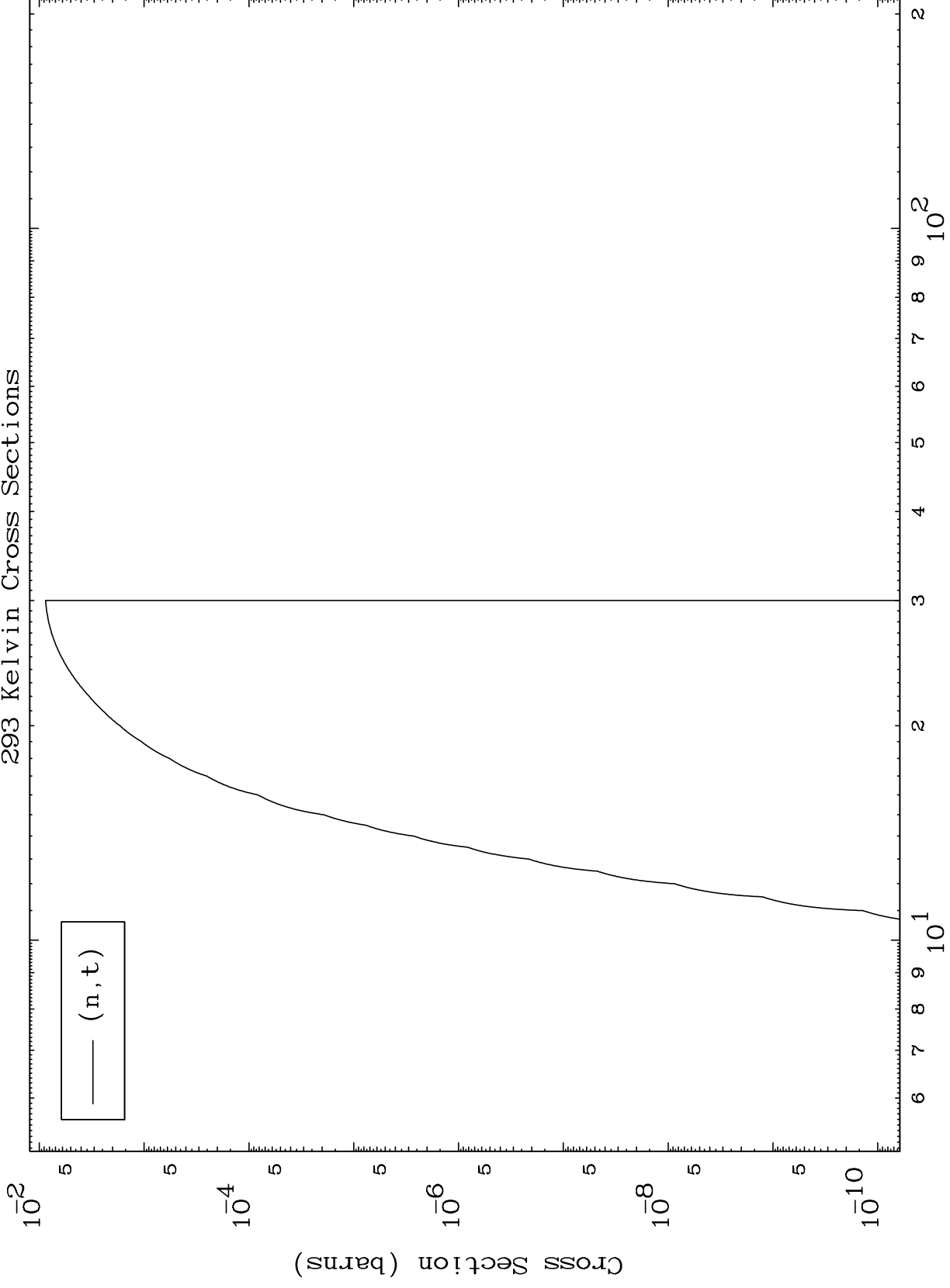
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MAT 8201

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-196



12

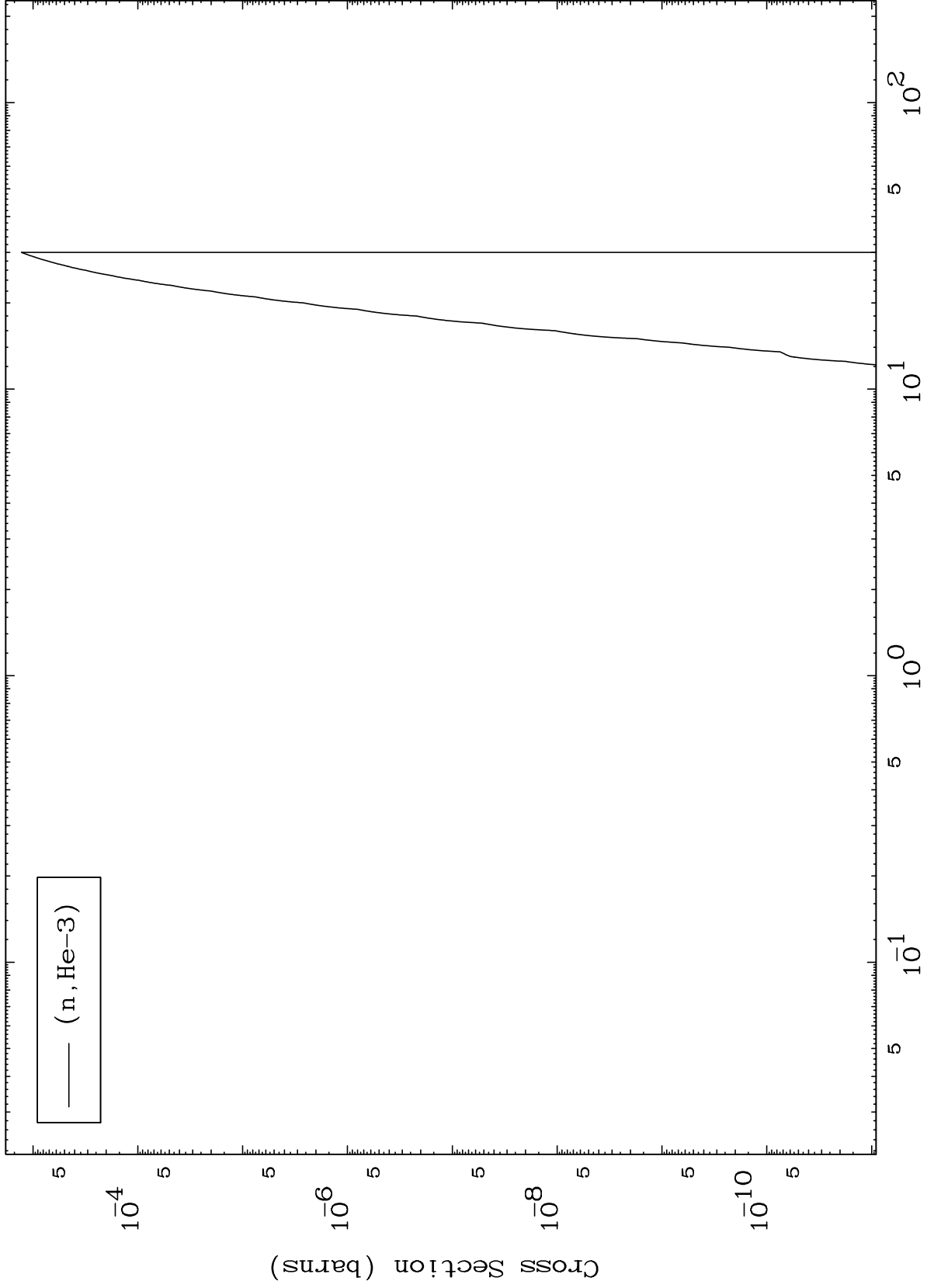
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-196



13

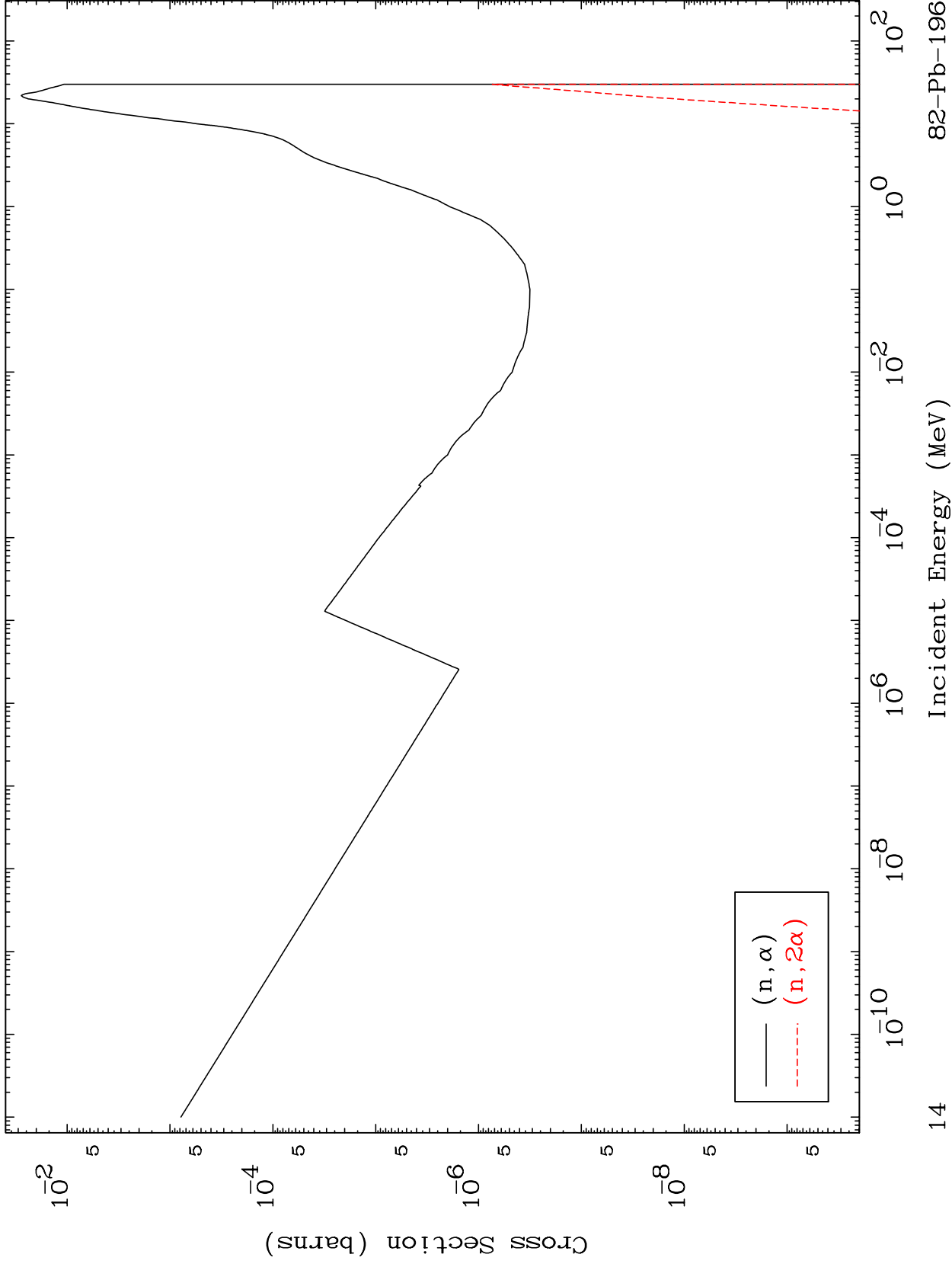
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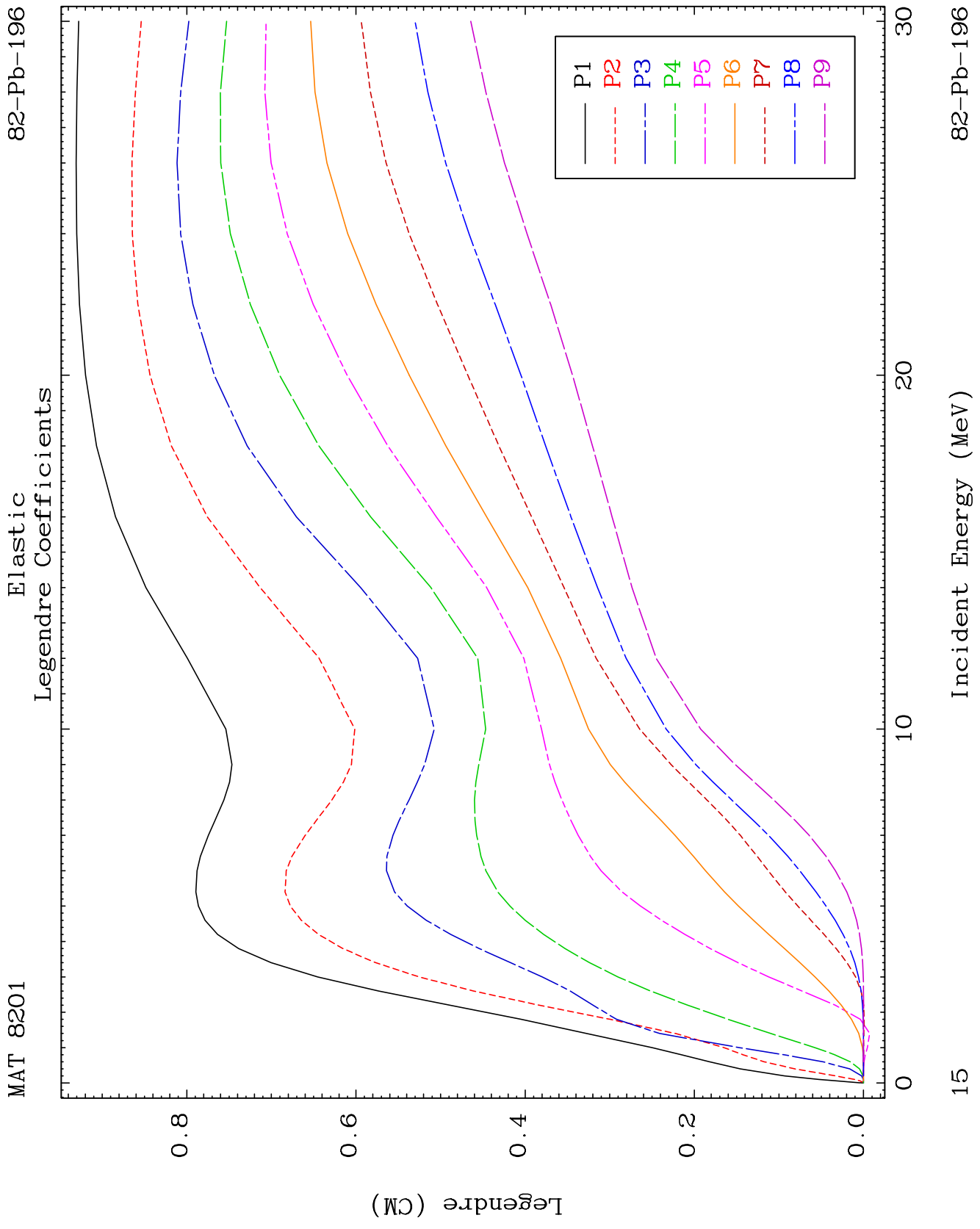
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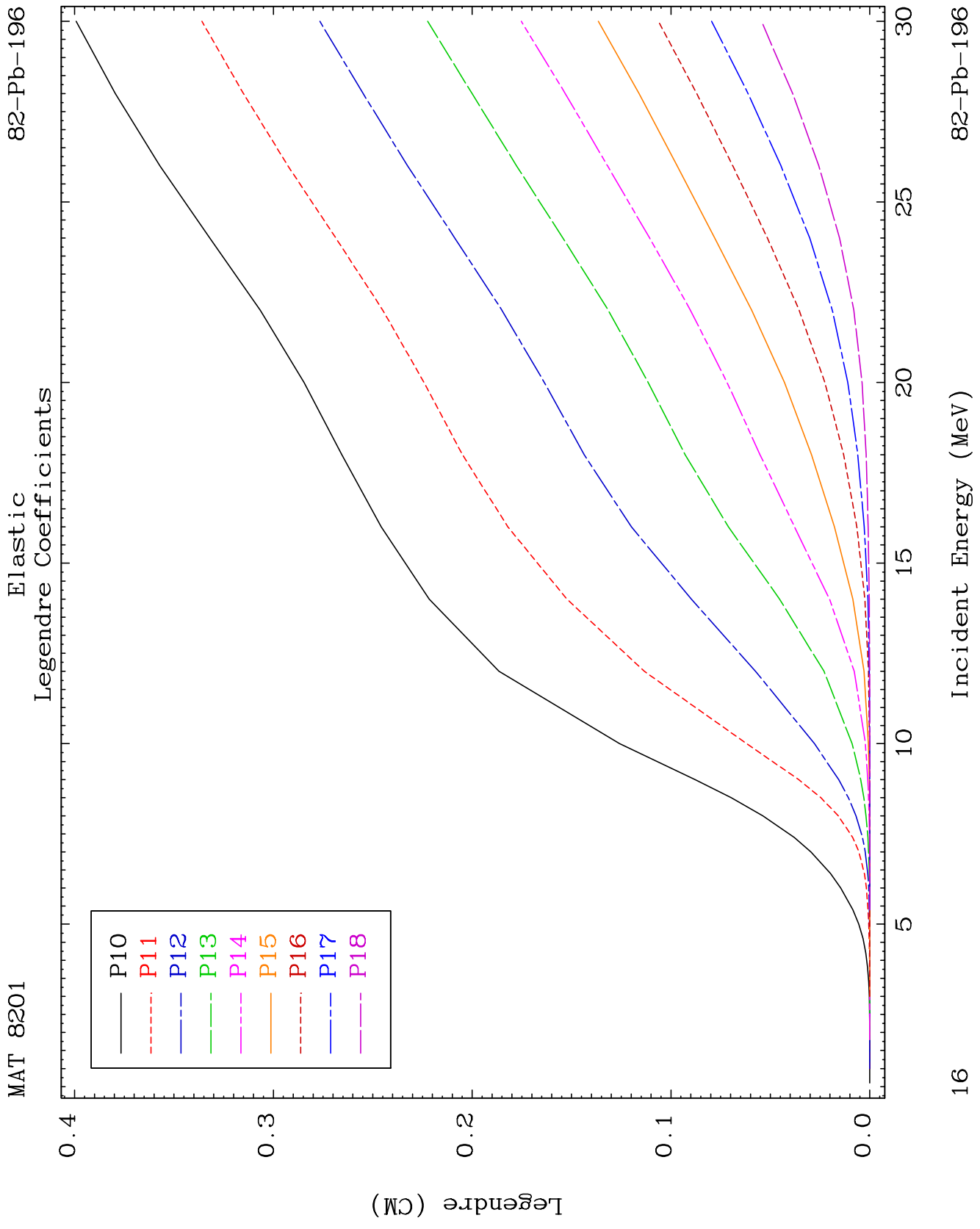
MAT 8201

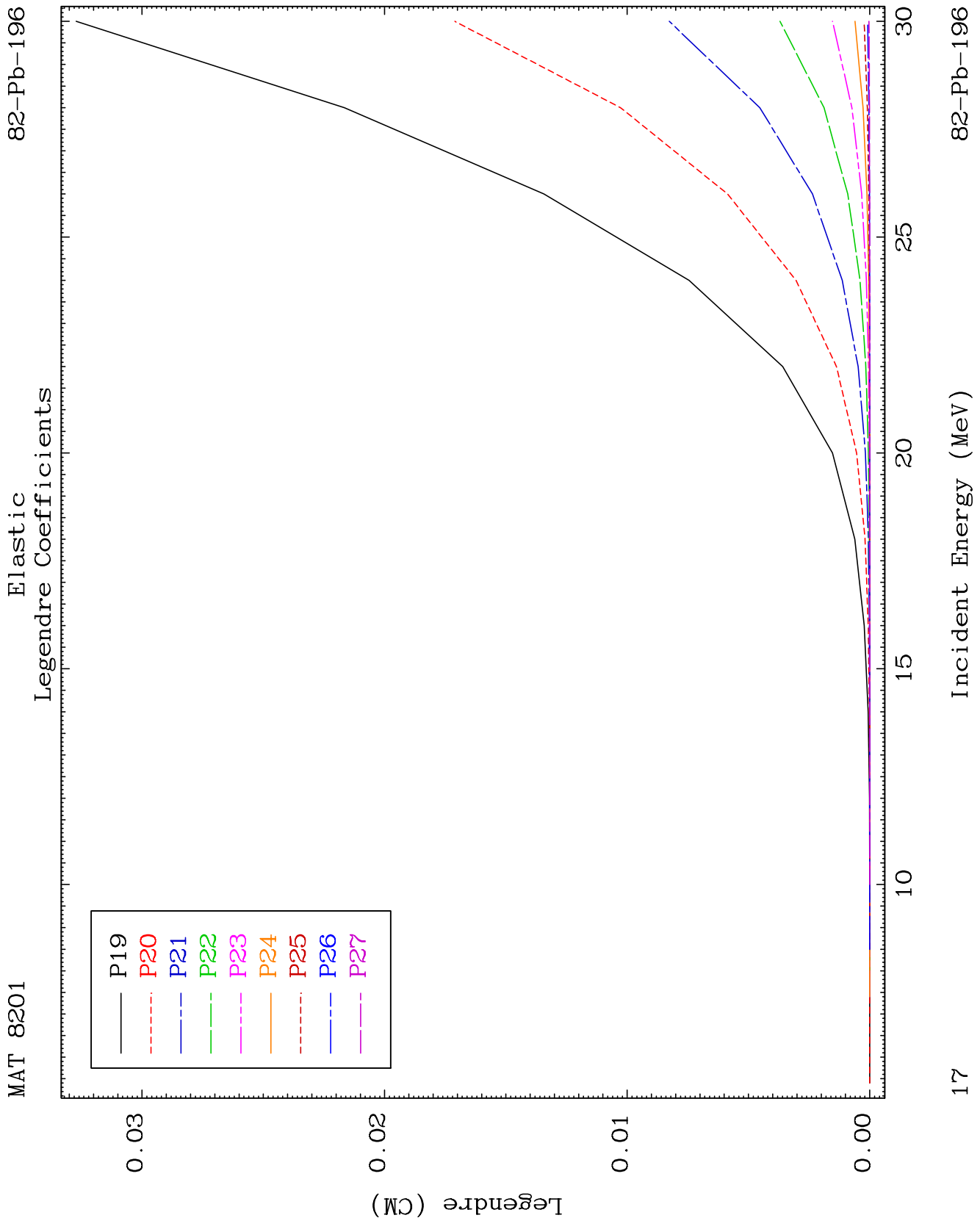
(n,α) Levels
293 Kelvin Cross Sections

82-Pb-196





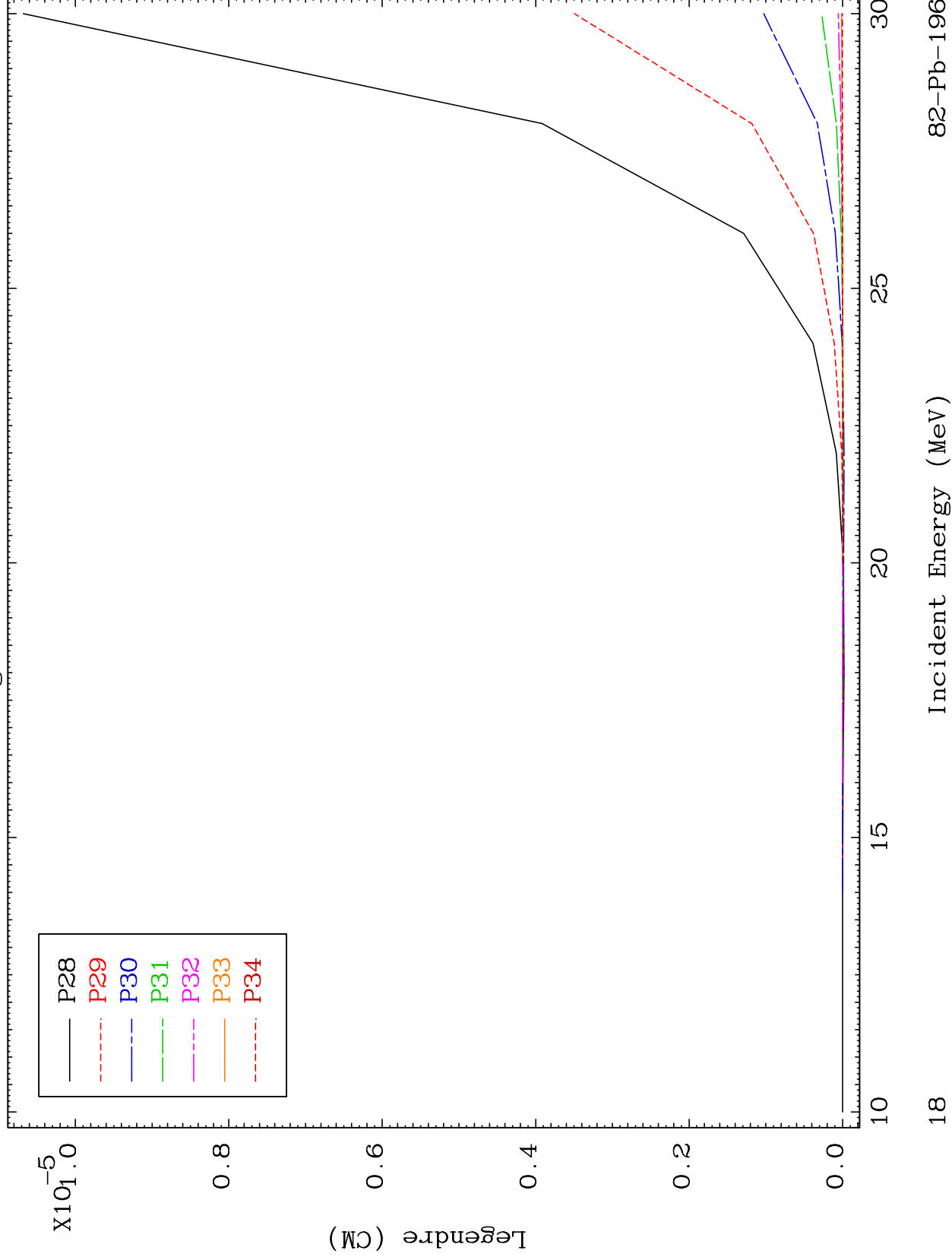




MAT 8201

Elastic
Legendre Coefficients

82-Pb-196



18

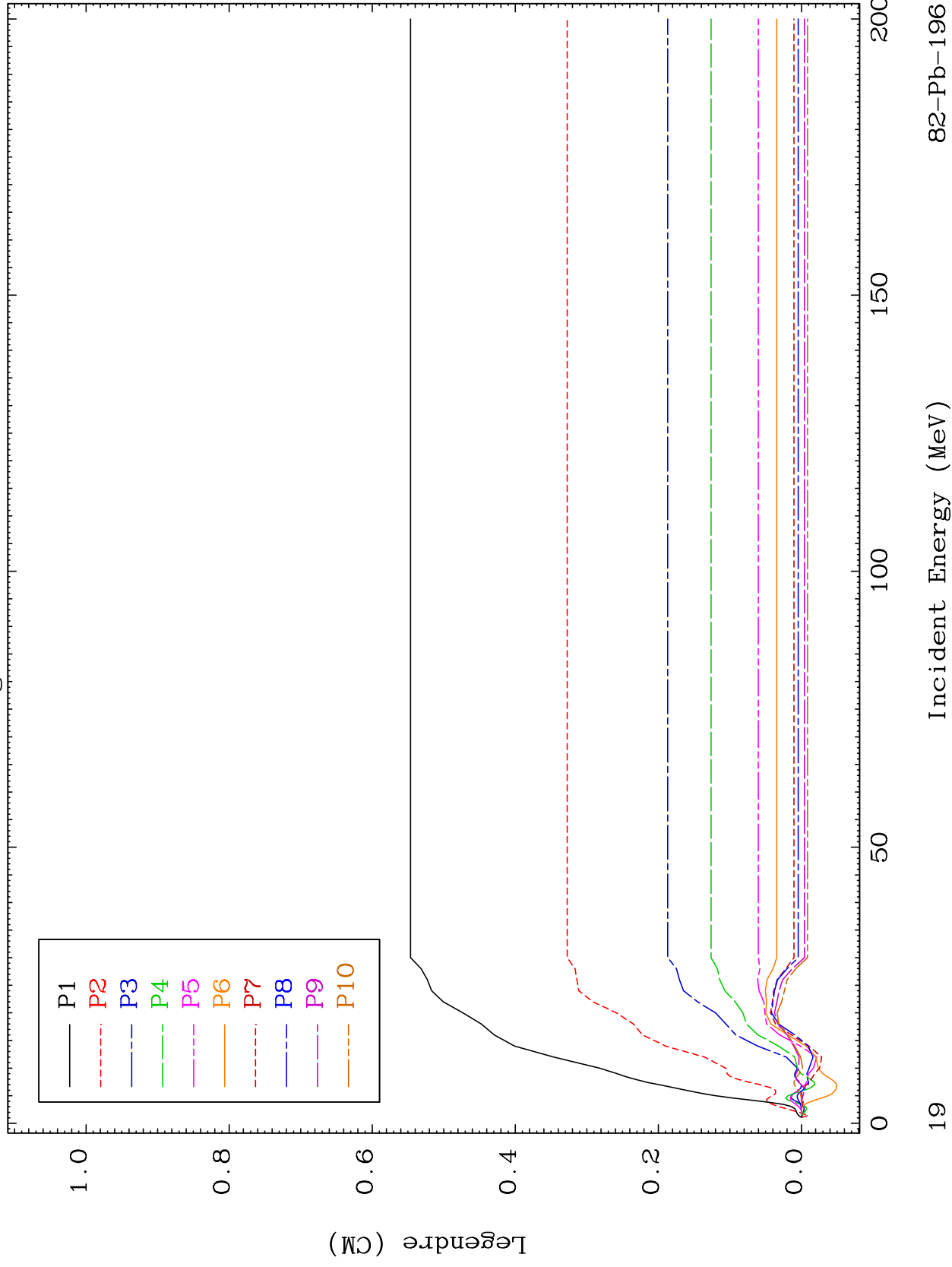
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

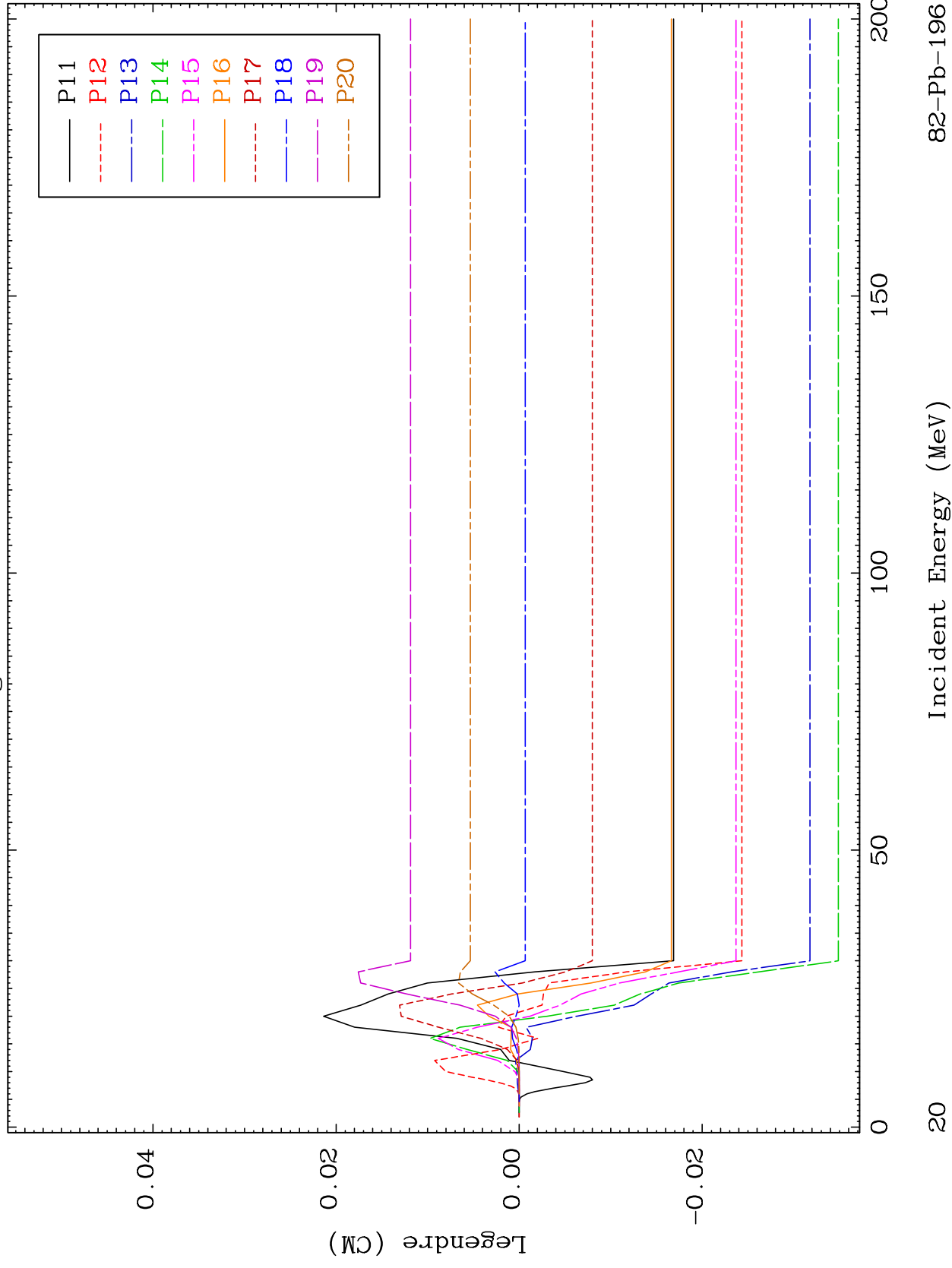
82-Pb-196



MAT 8201

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

82-Pb-196



82-Pb-196

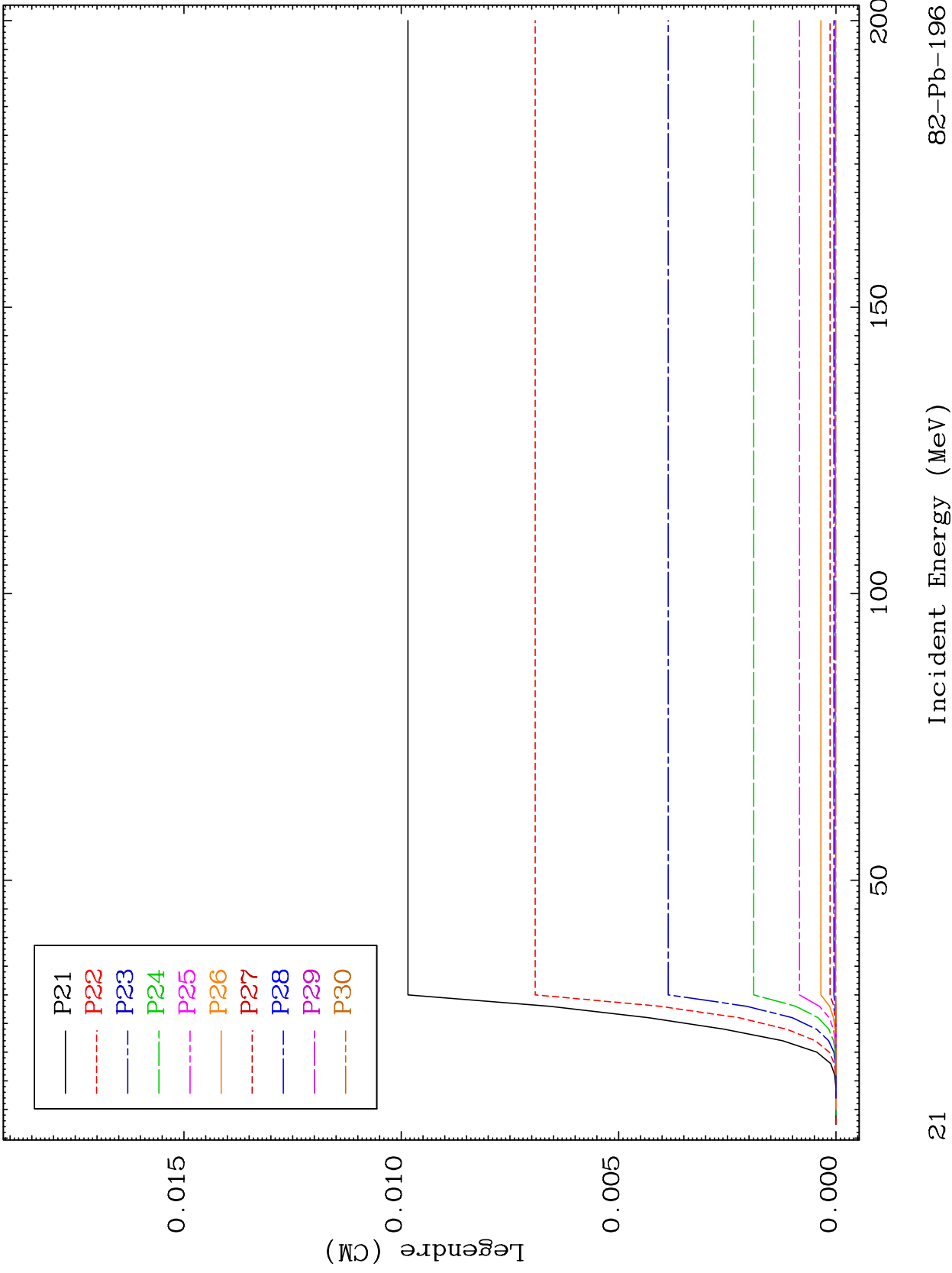
Incident Energy (MeV)

20

MAT 8201

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

82-Pb-196



21

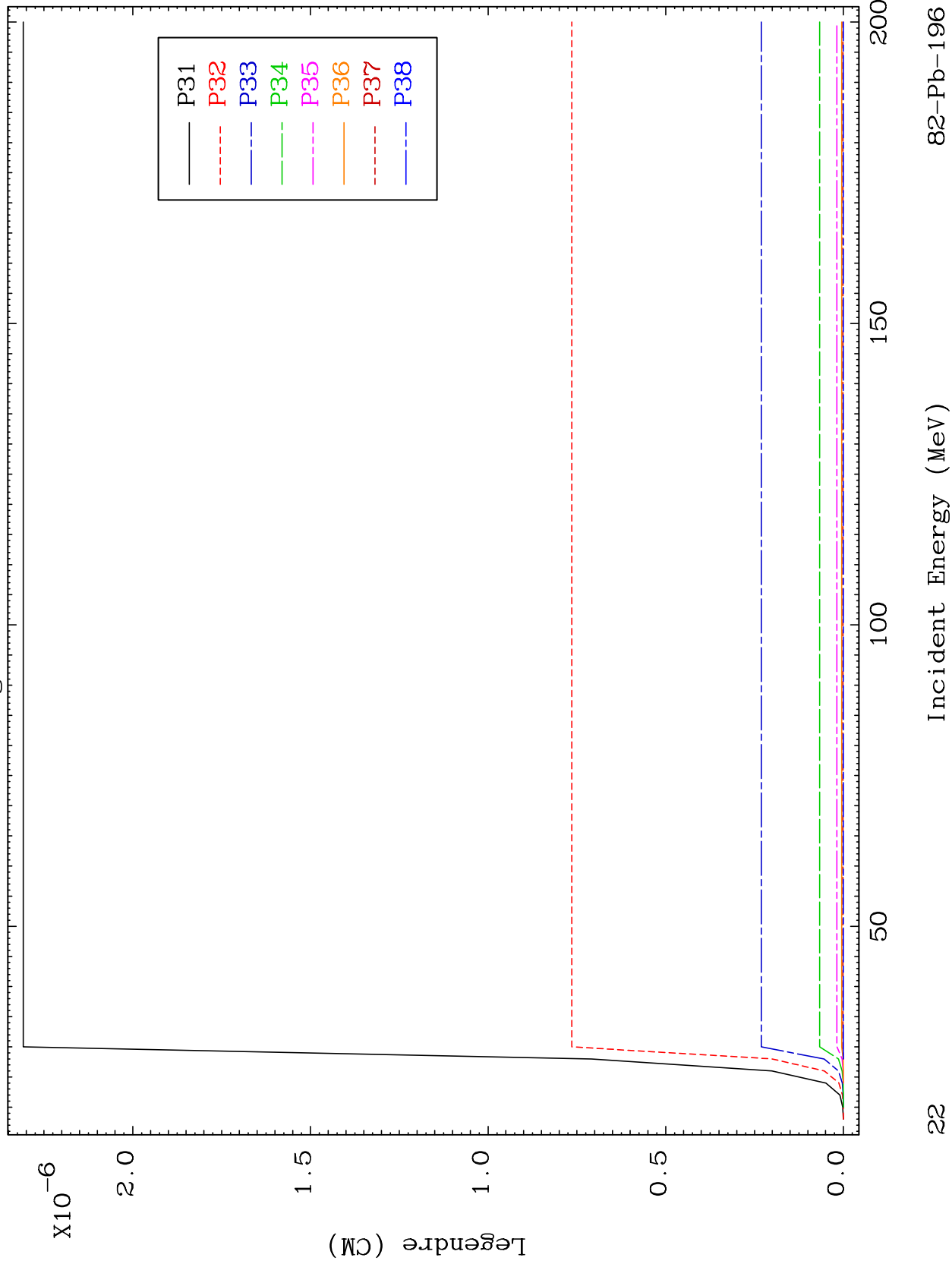
Incident Energy (MeV)

82-Pb-196

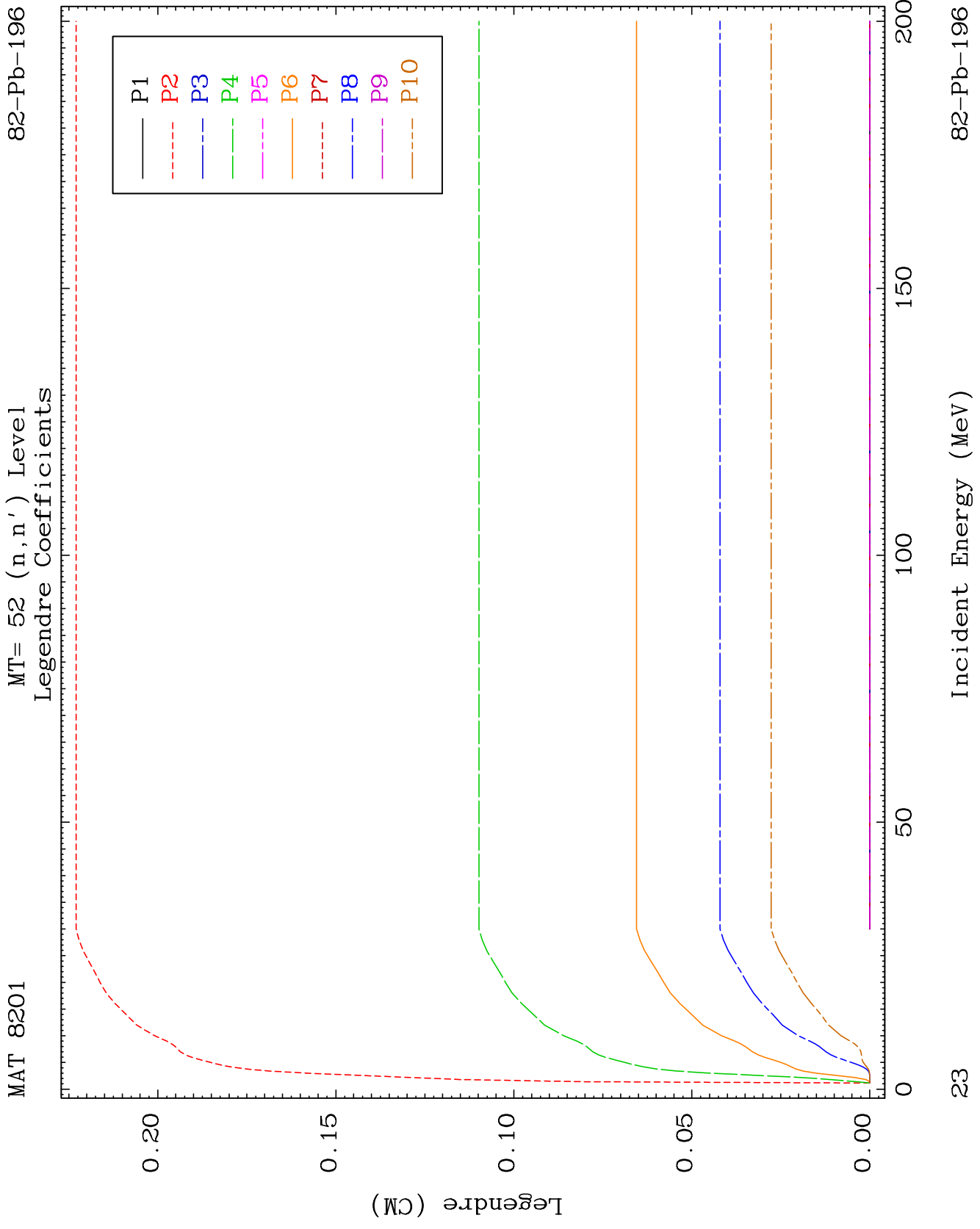
MAT 8201

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

82-Pb-196



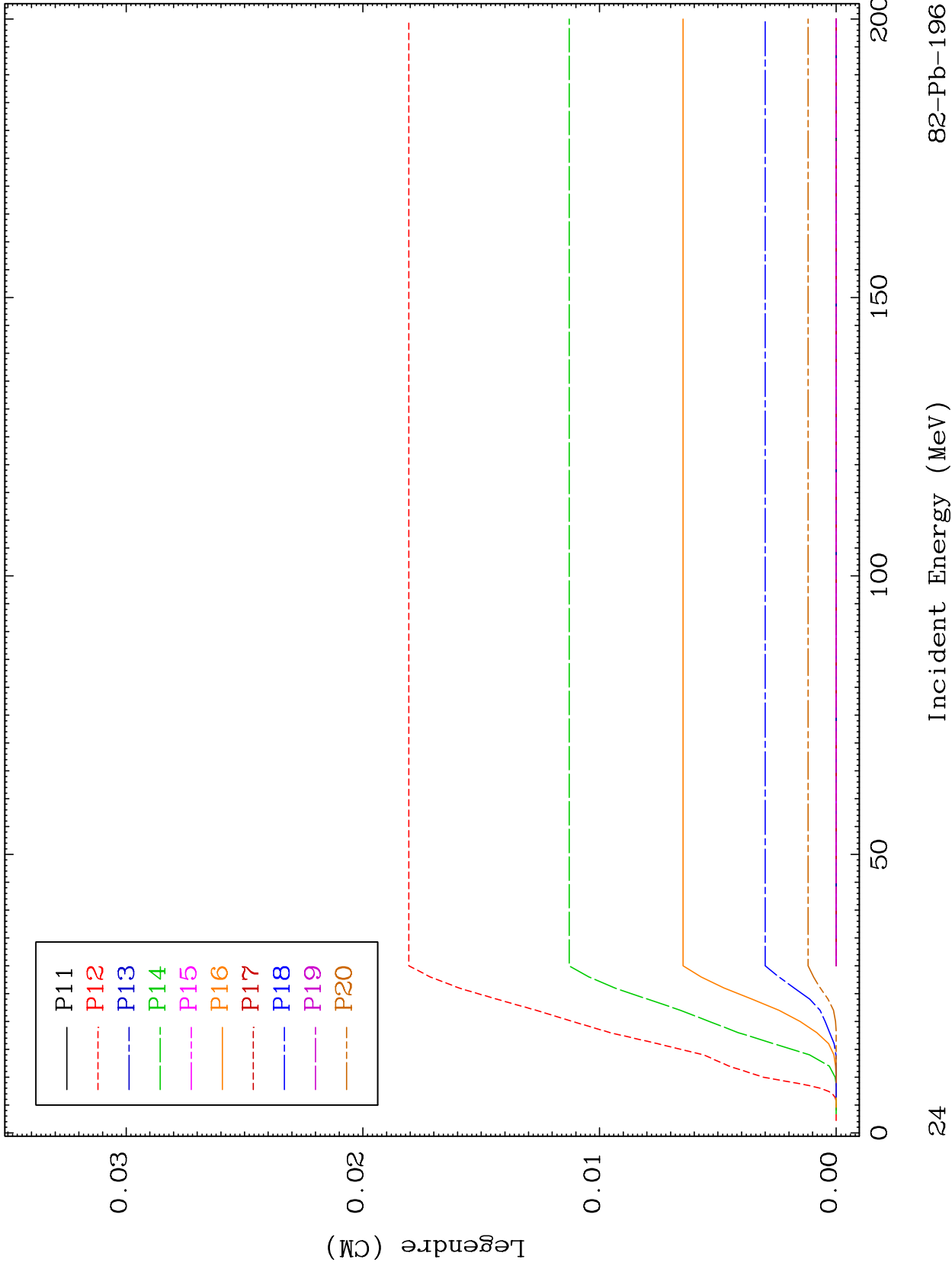
22



MAT 8201

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

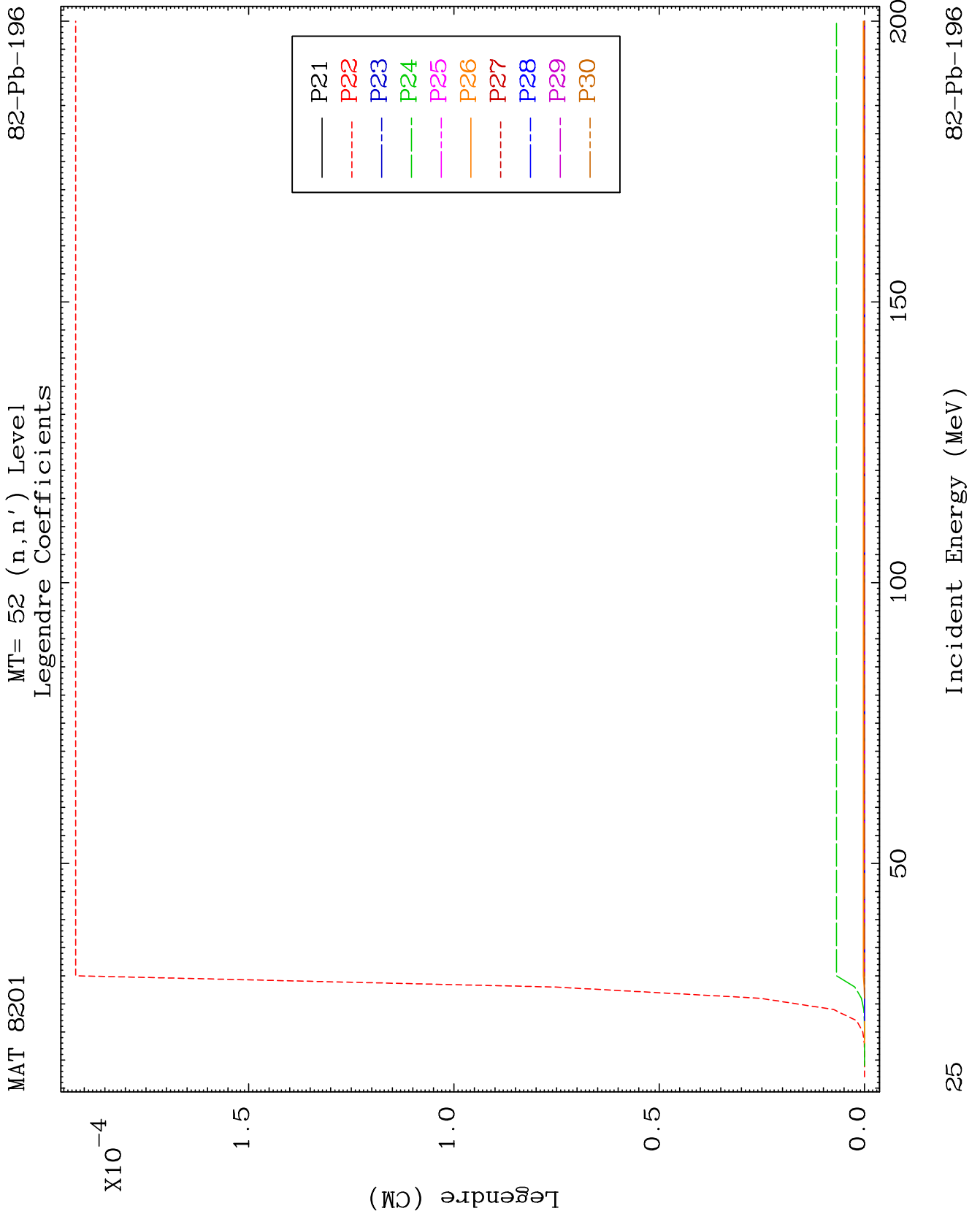
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24

Incident Energy (MeV)

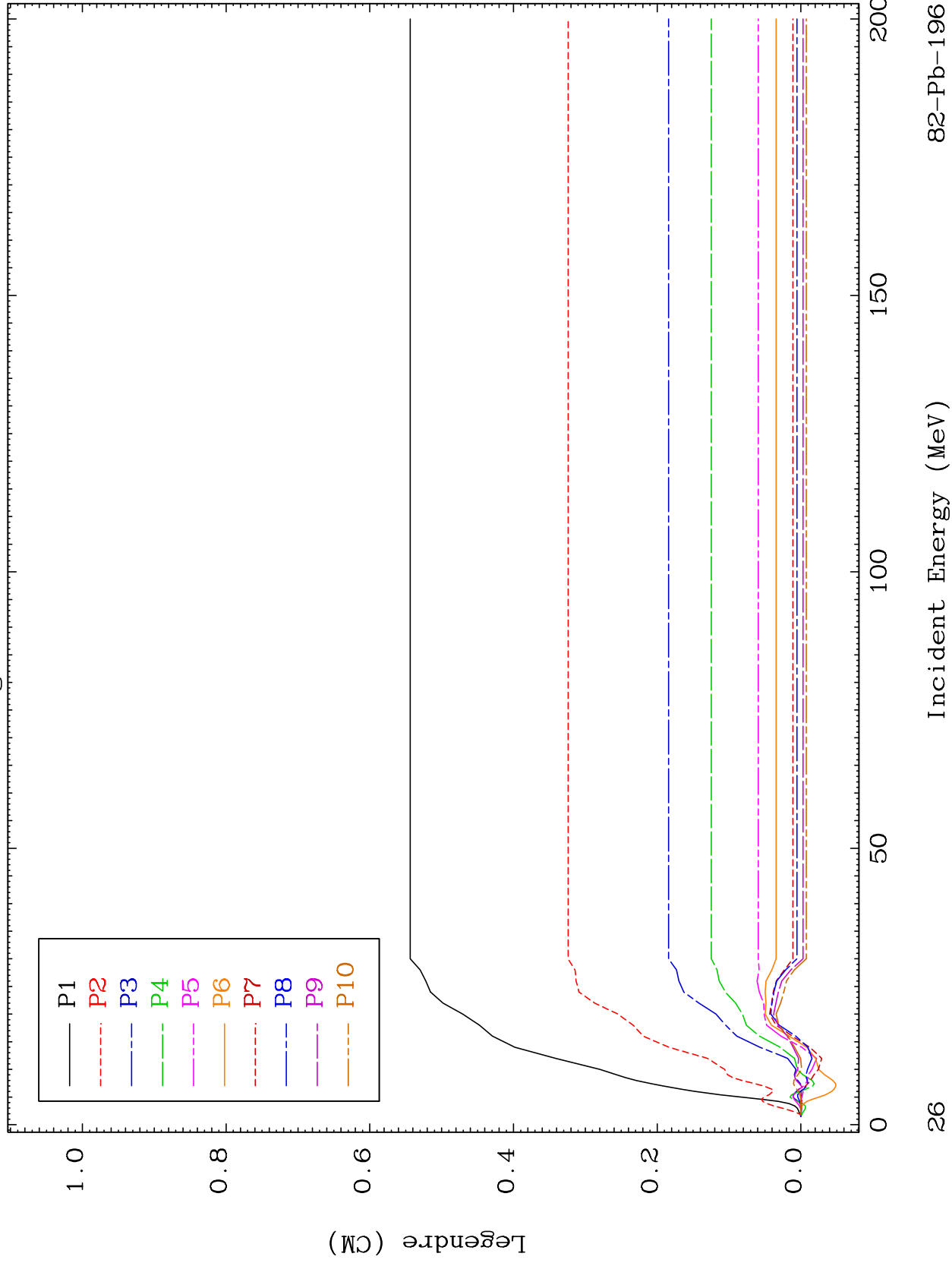
82-Pb-196



MAT 8201

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

82-Pb-196

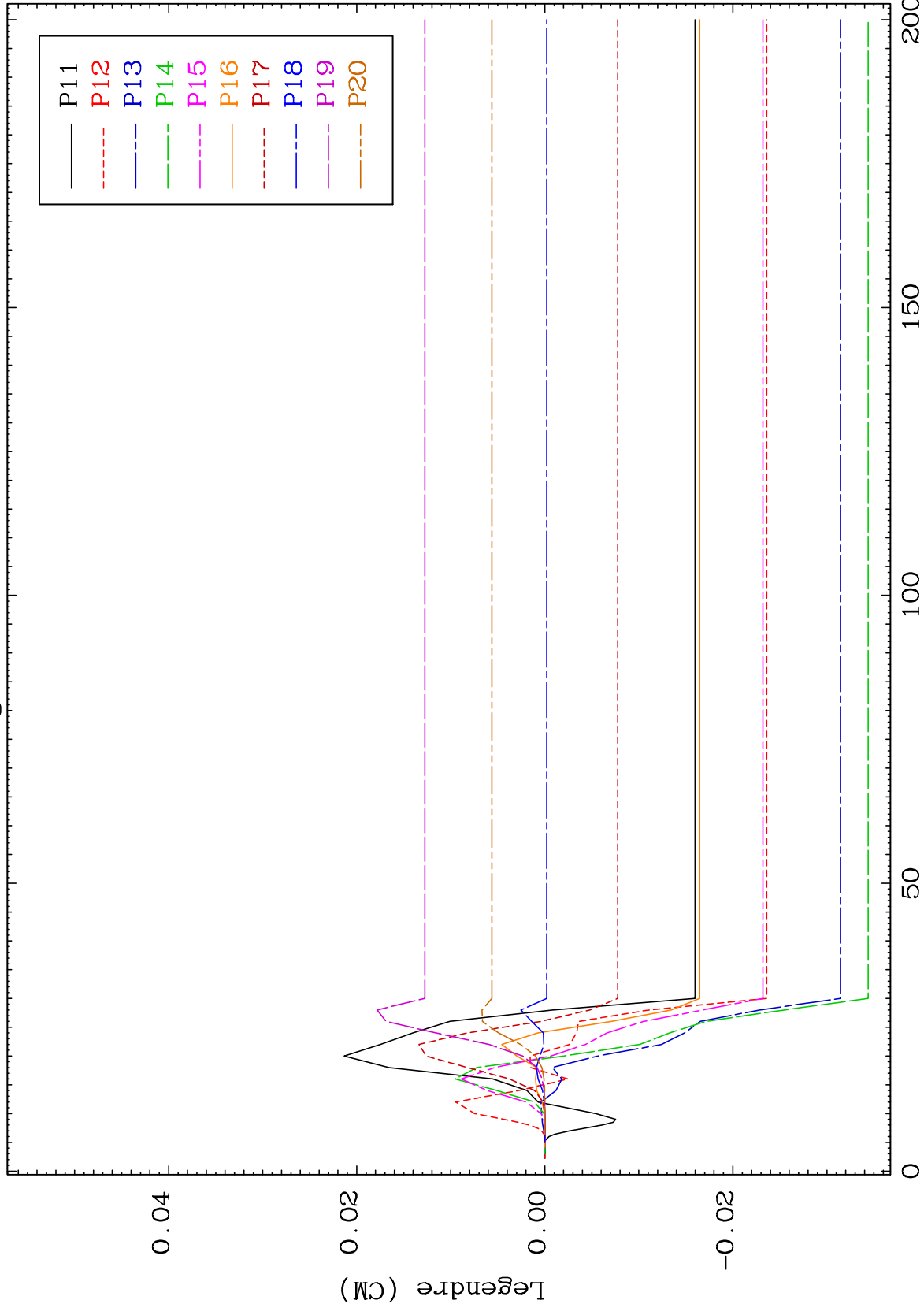


26

MAT 8201

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

82-Pb-196



27

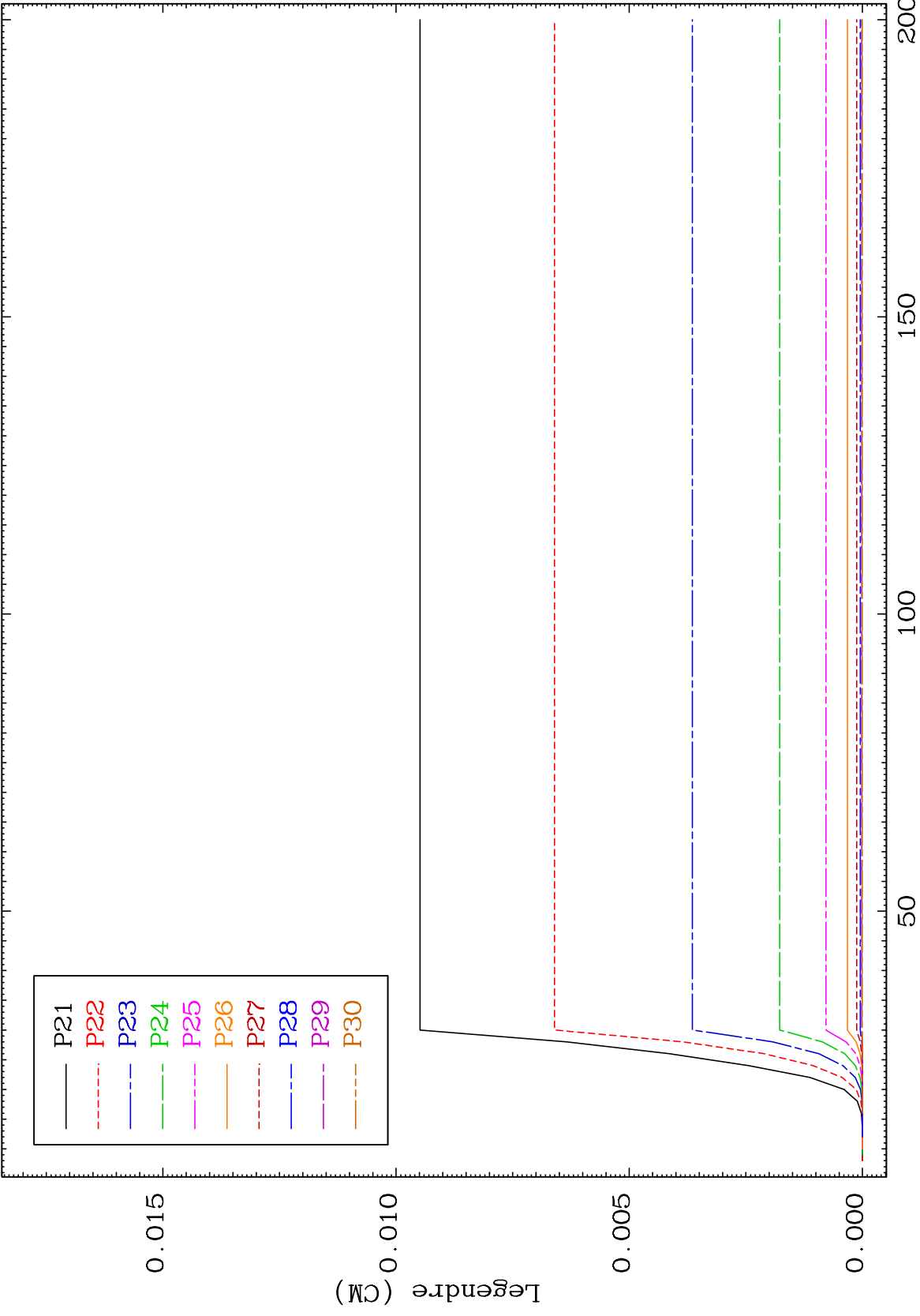
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



28

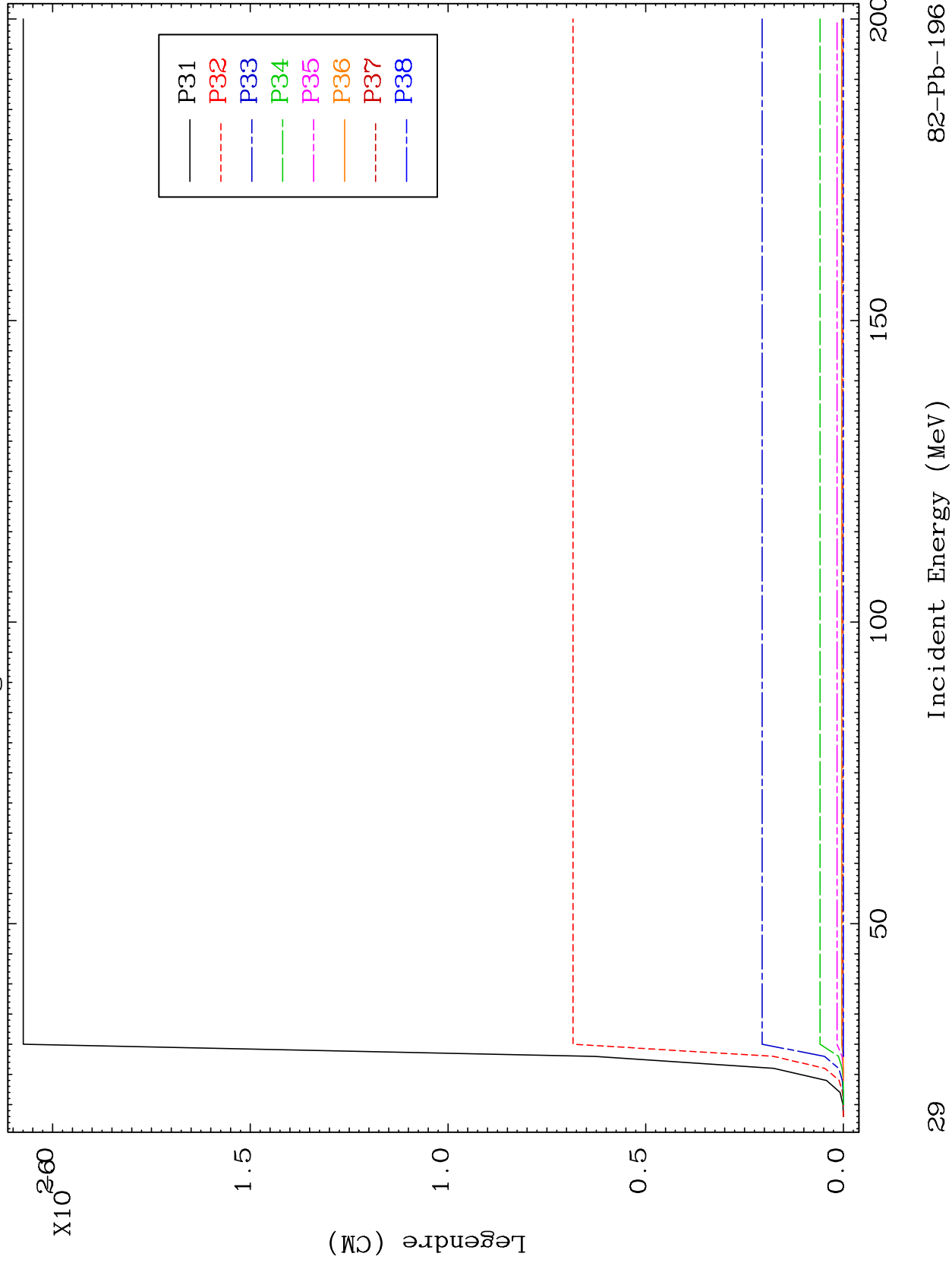
Incident Energy (MeV)

82-Pb-196

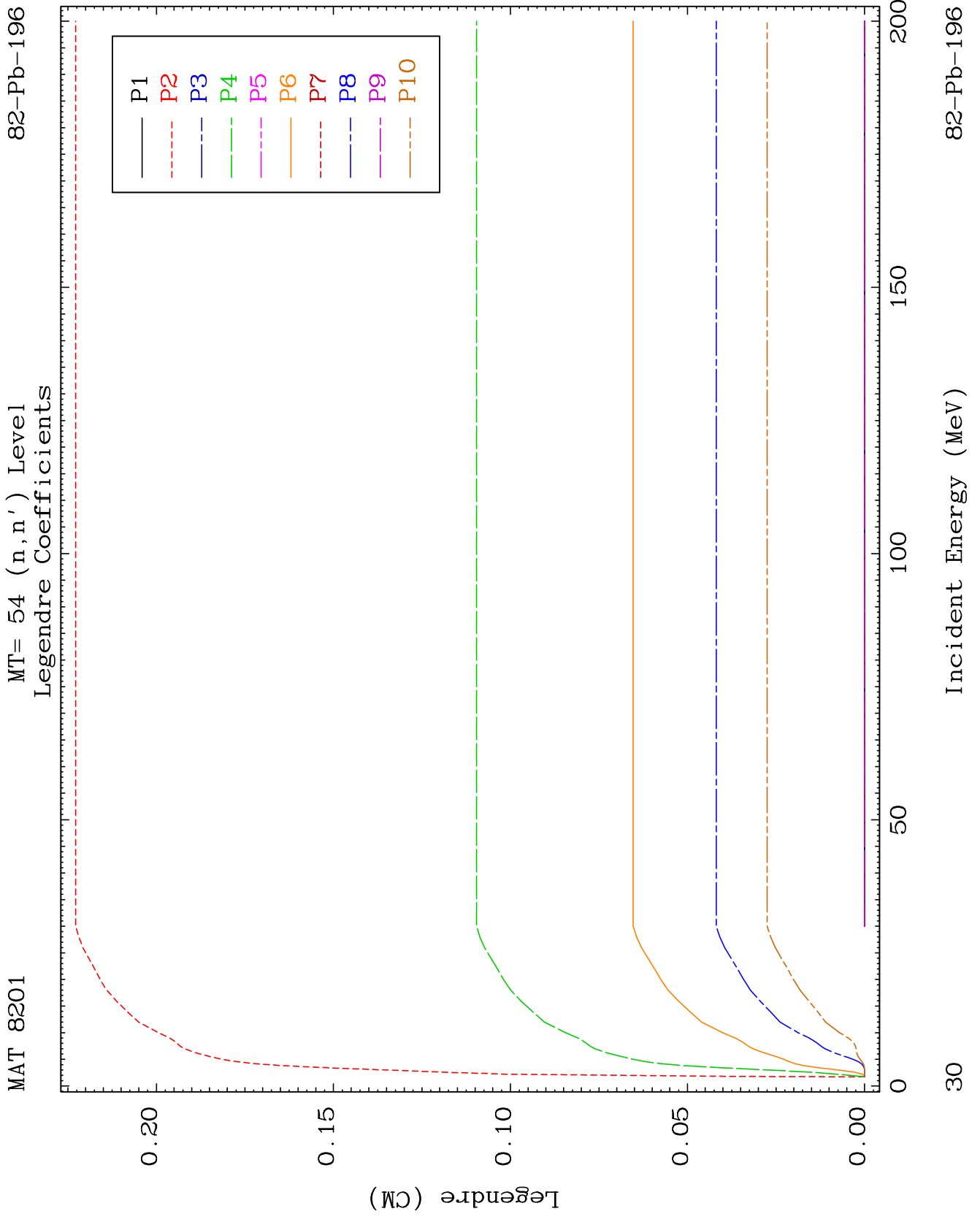
MAT 8201

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

82-Pb-196



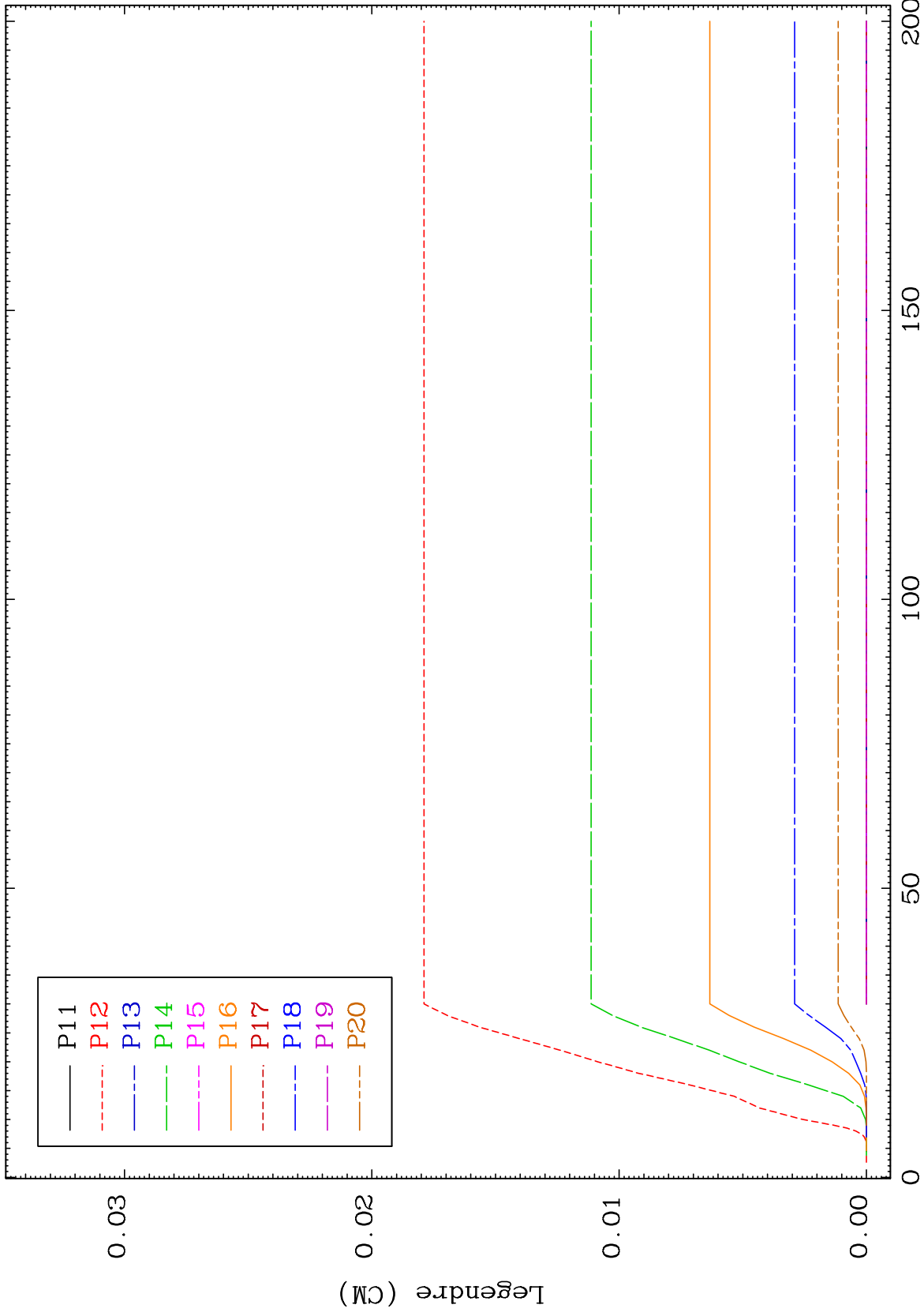
29



MAT 8201

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

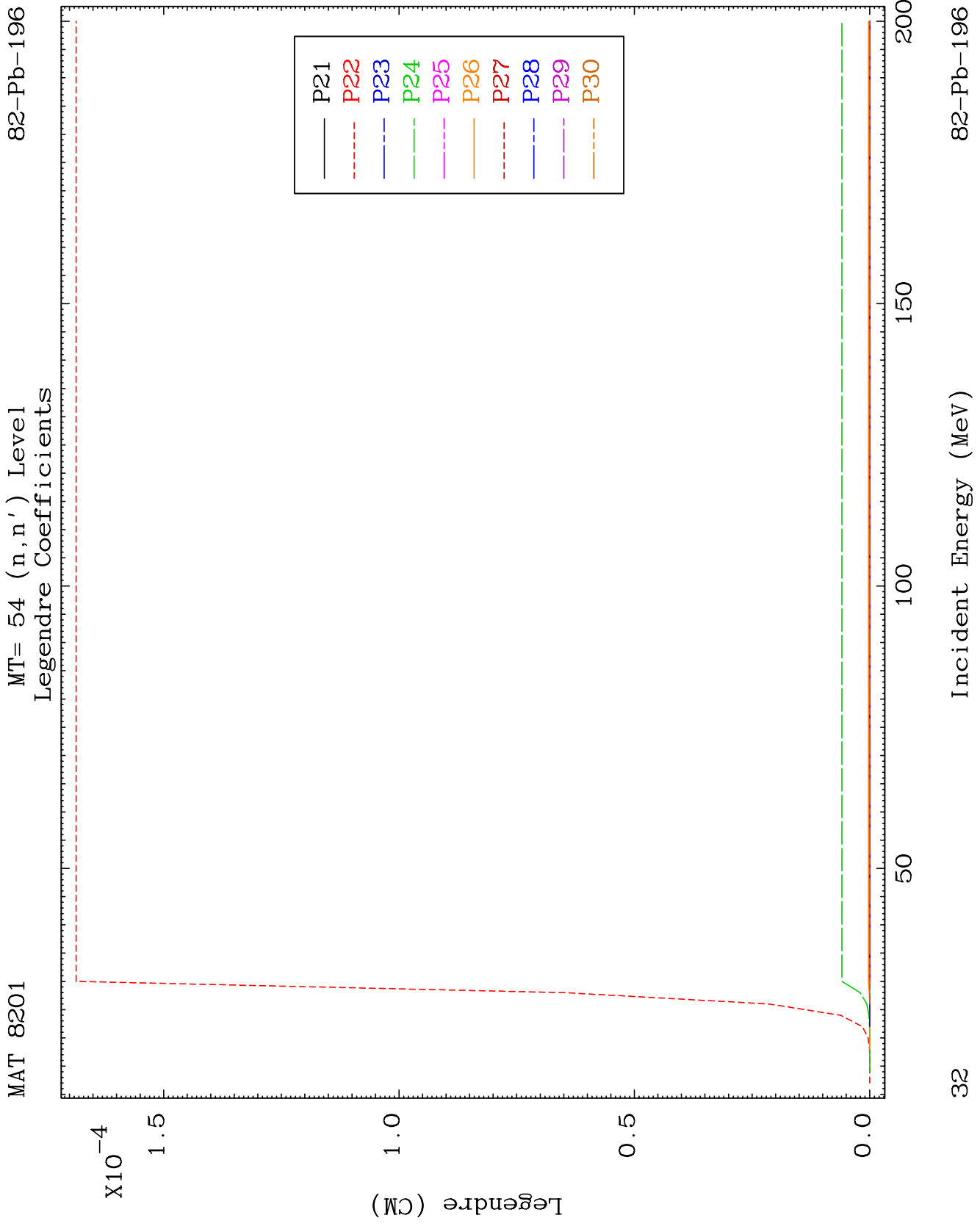
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31

Incident Energy (MeV)

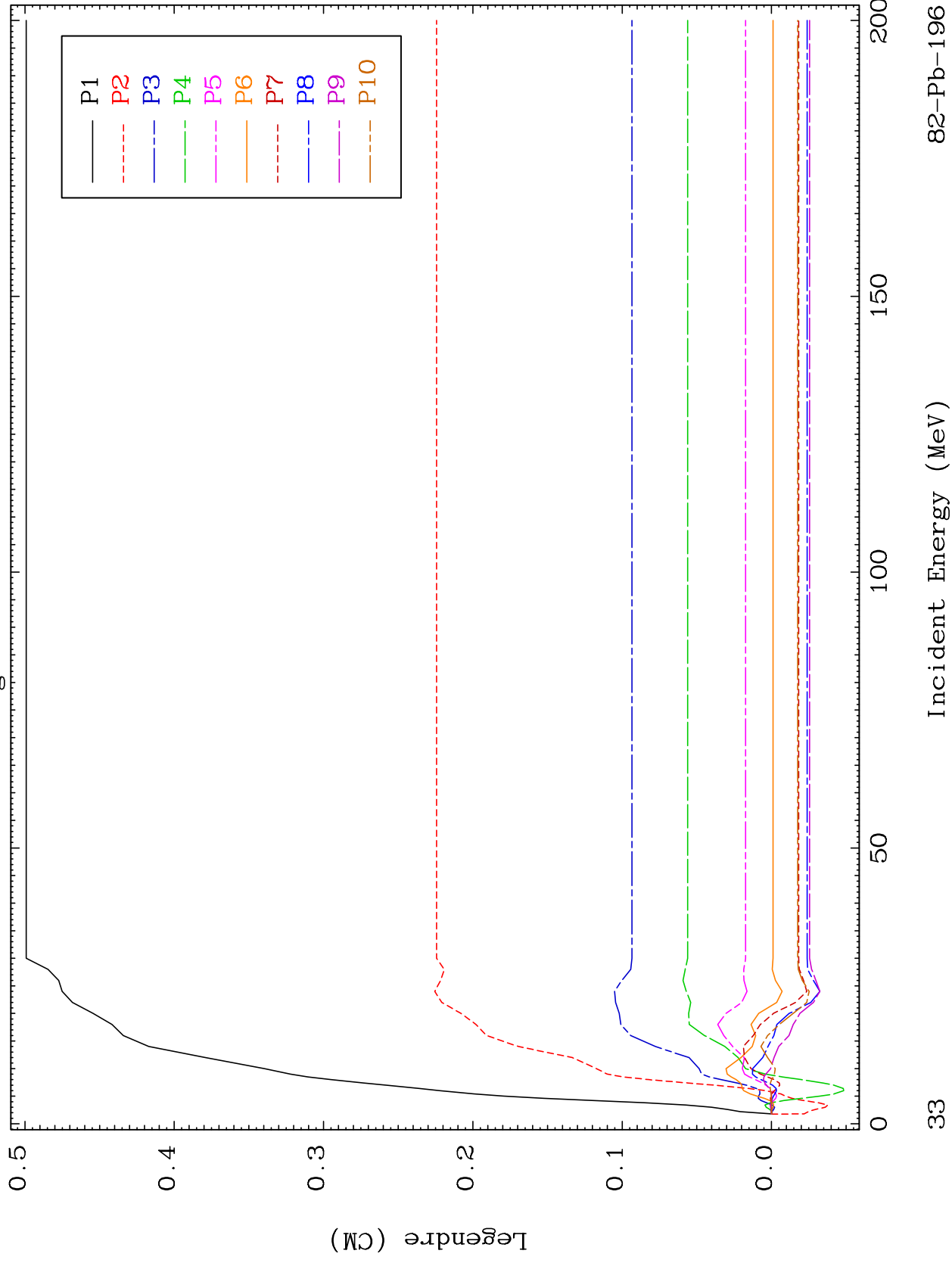
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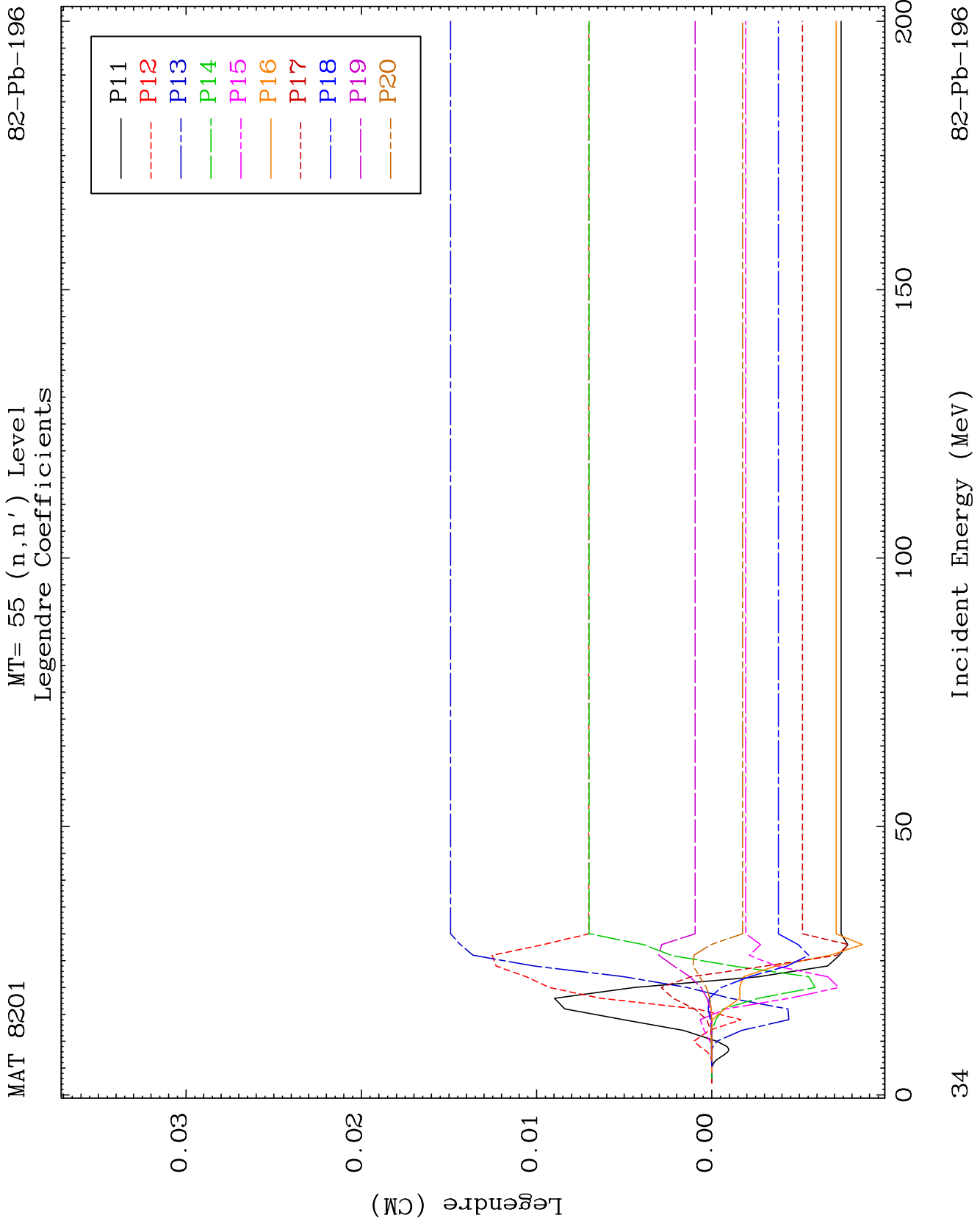
MAT 8201

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

82-Pb-196



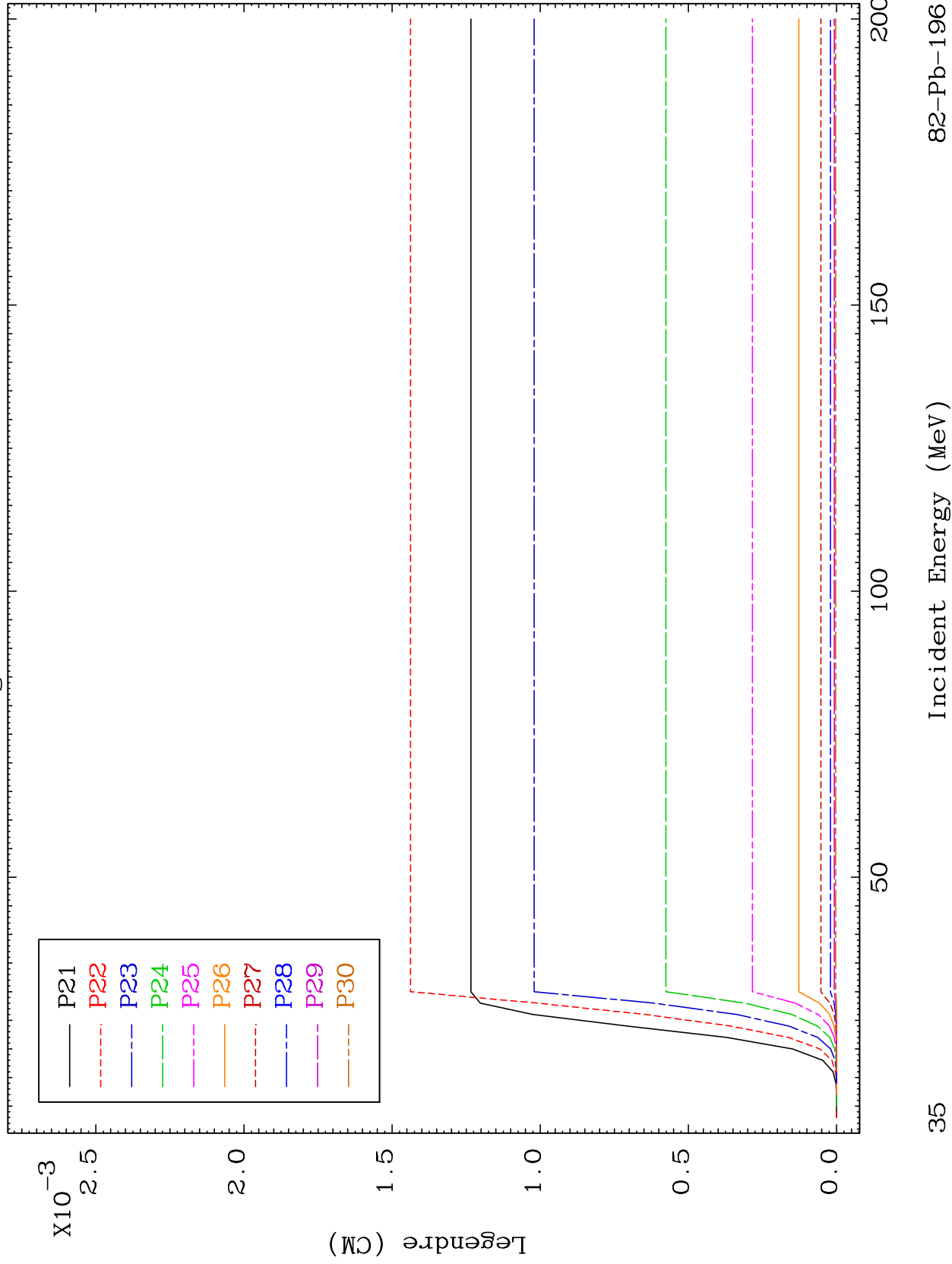
33



MAT 8201

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

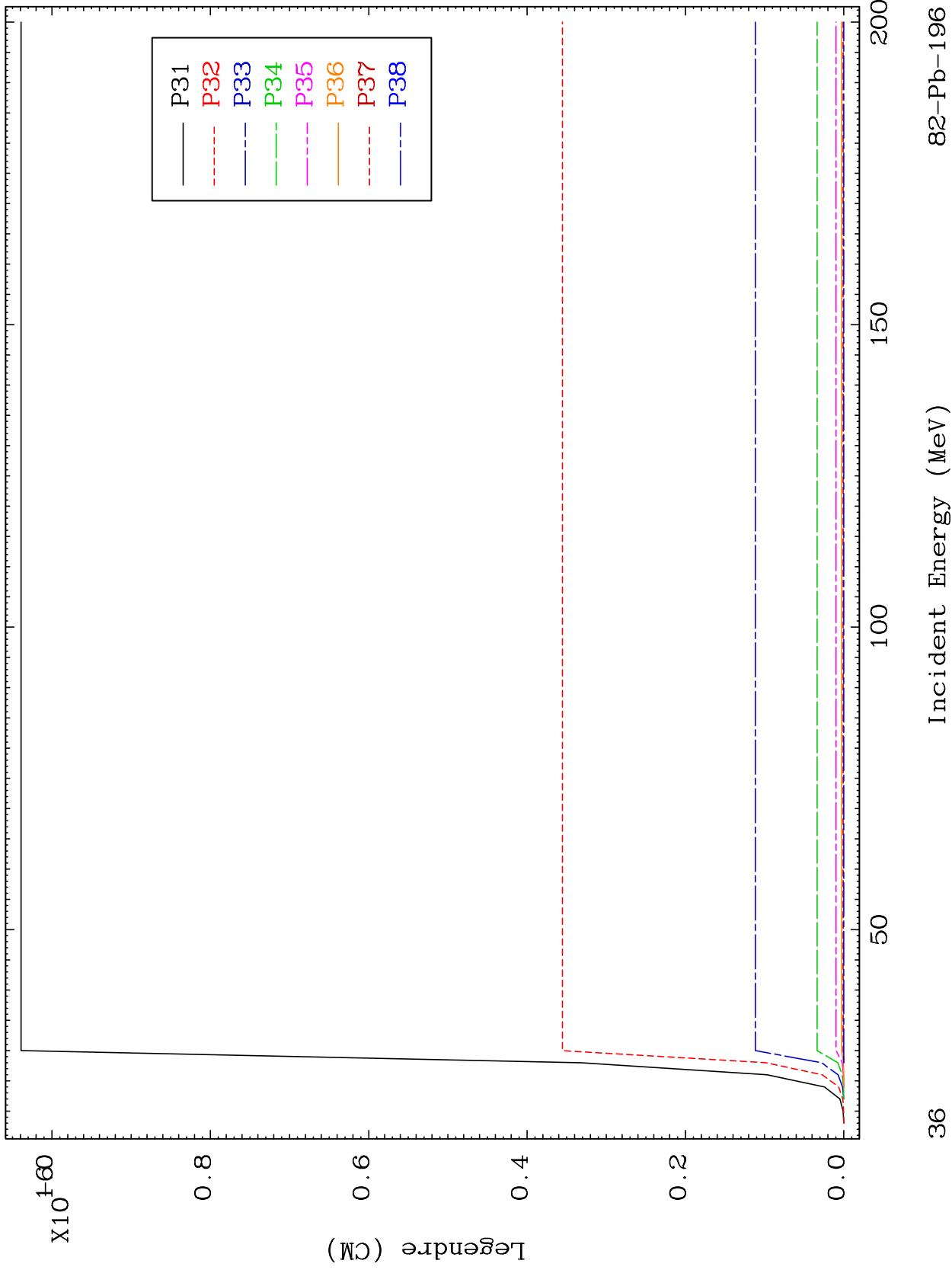
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35

Incident Energy (MeV)

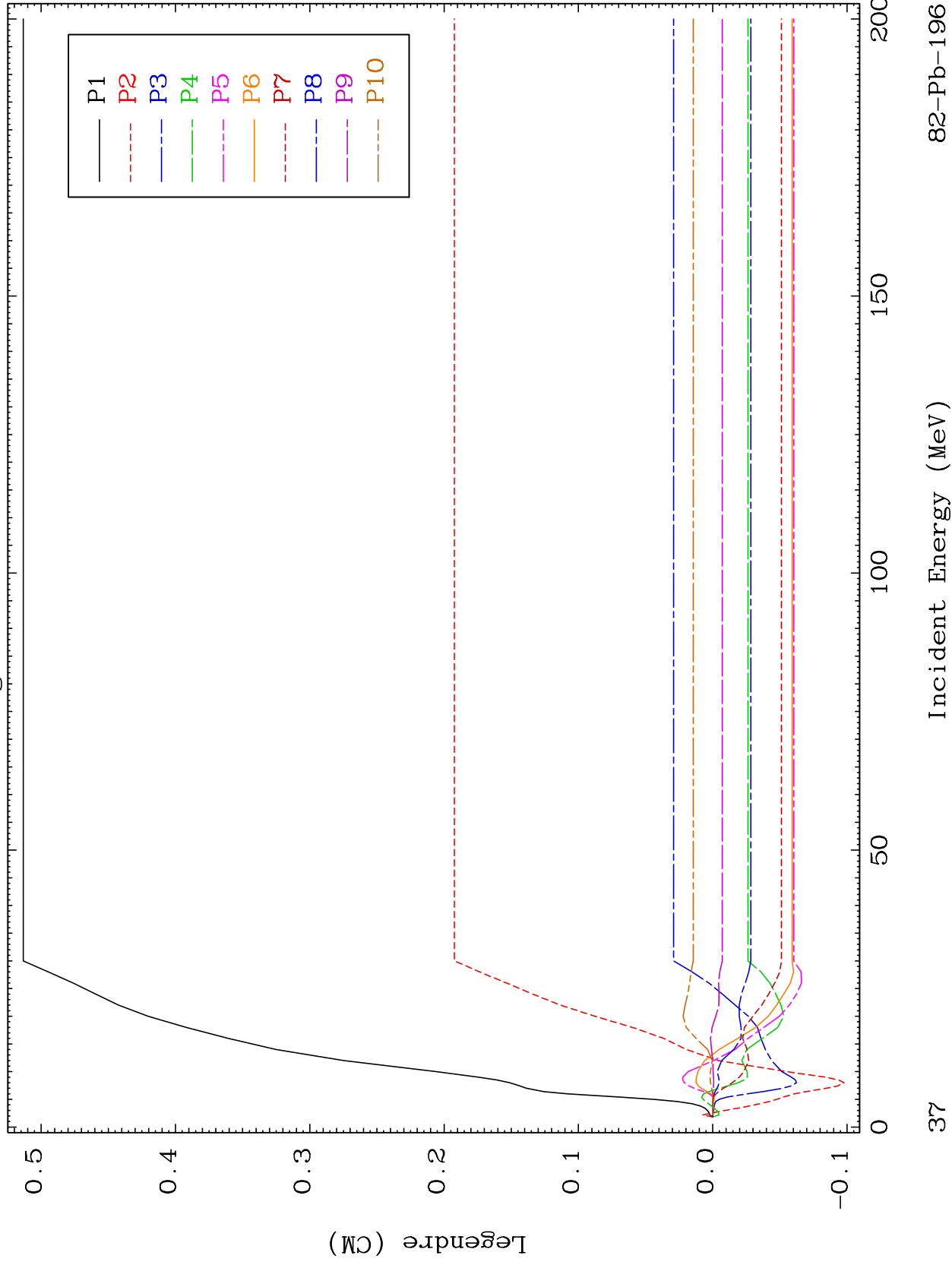
82-Pb-196



MAT 8201

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

82-Pb-196



82-Pb-196

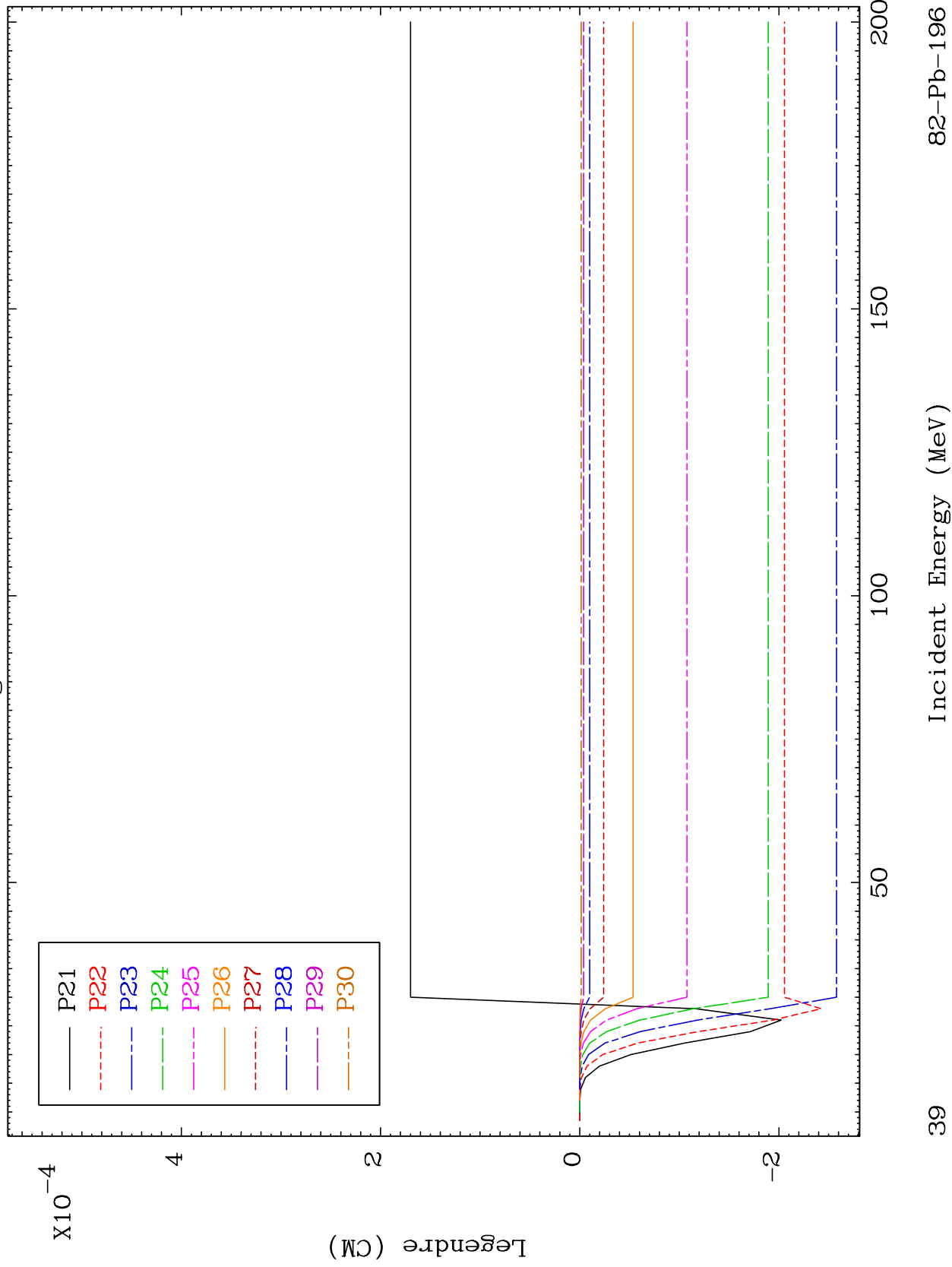
Incident Energy (MeV)

37

MAT 8201

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

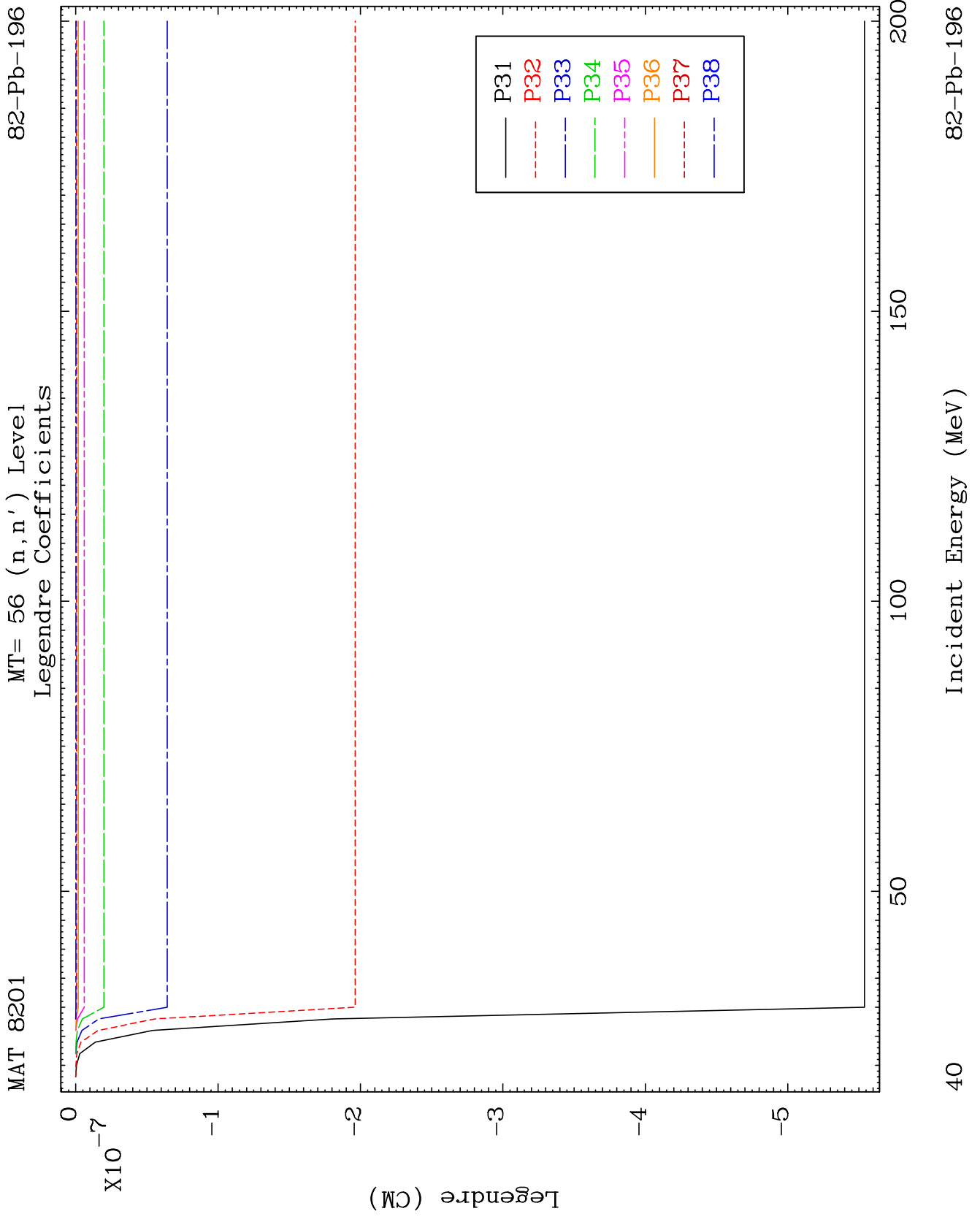
82-Pb-196



39

Incident Energy (MeV)

82-Pb-196

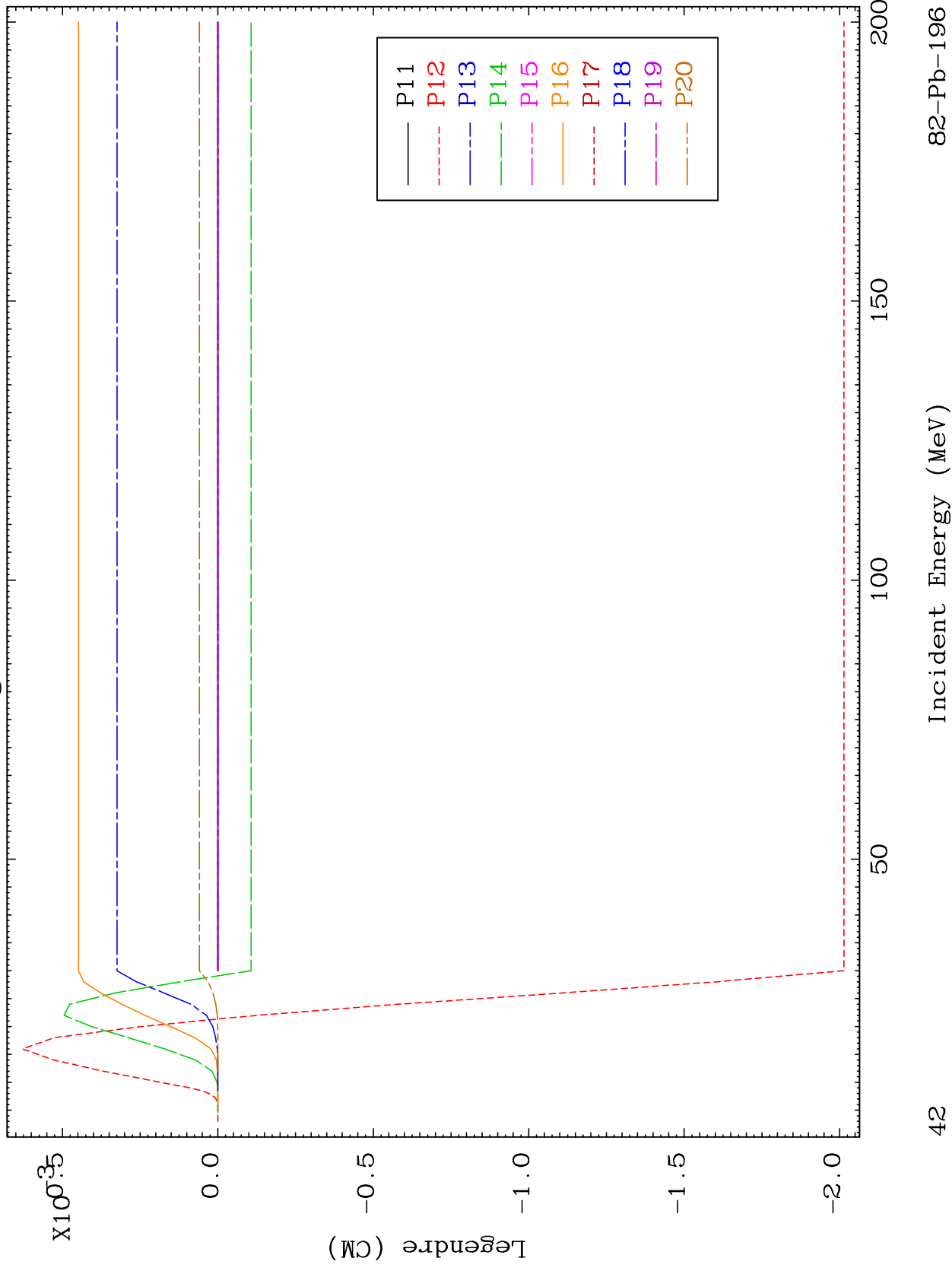


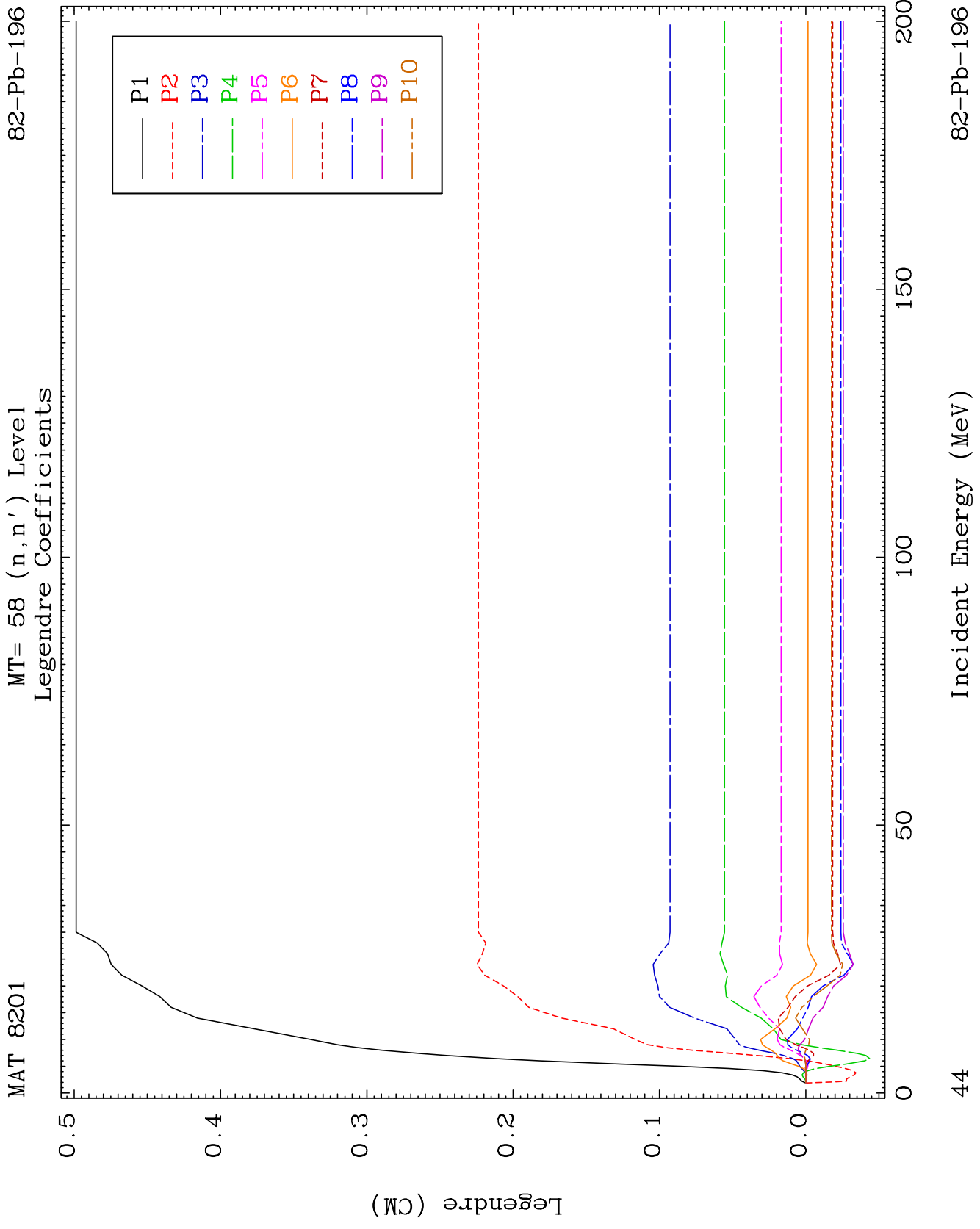
MAT 8201

MT= 57 (n,n') Level

82-Pb-196

Legendre Coefficients

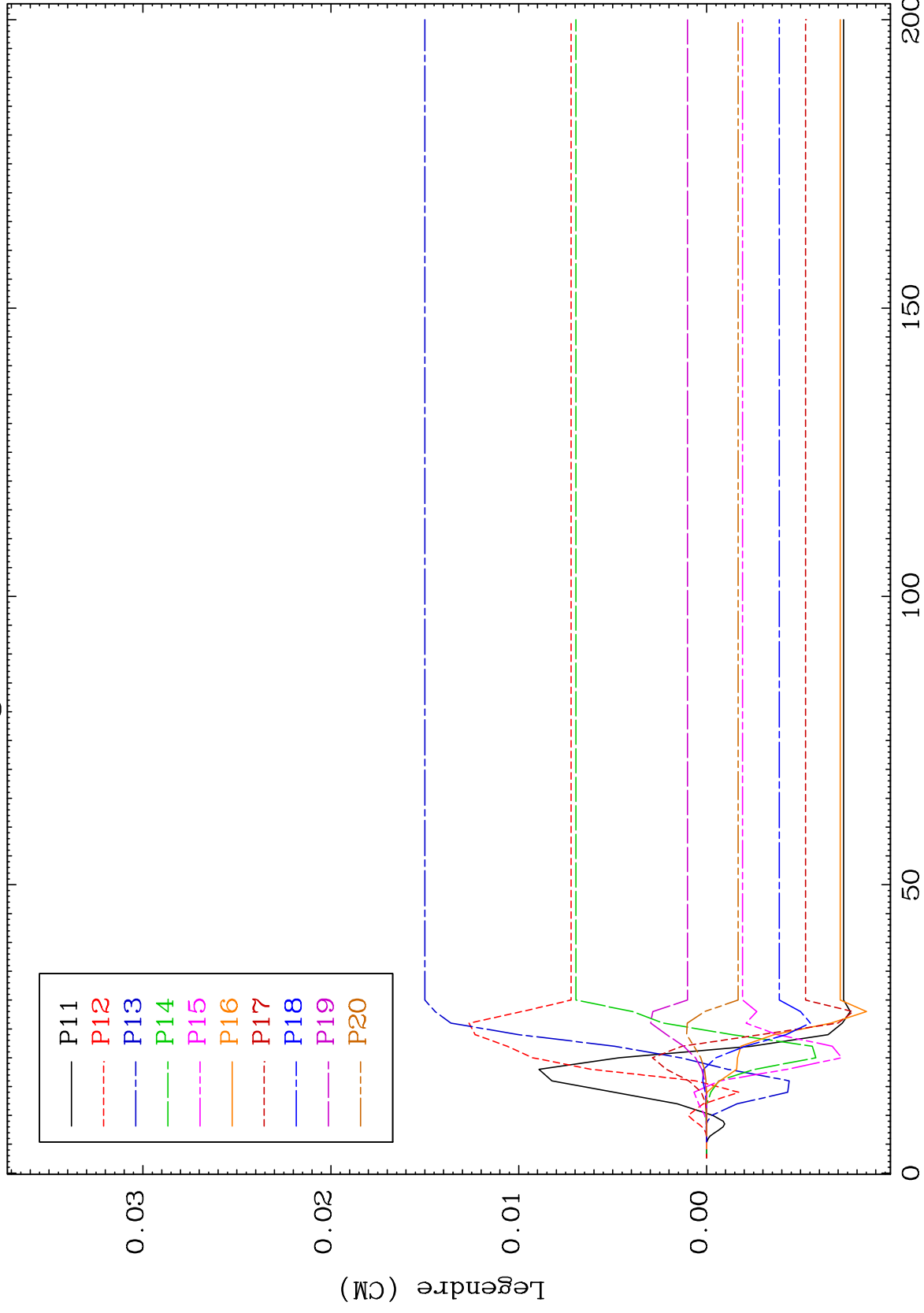




MAT 8201

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

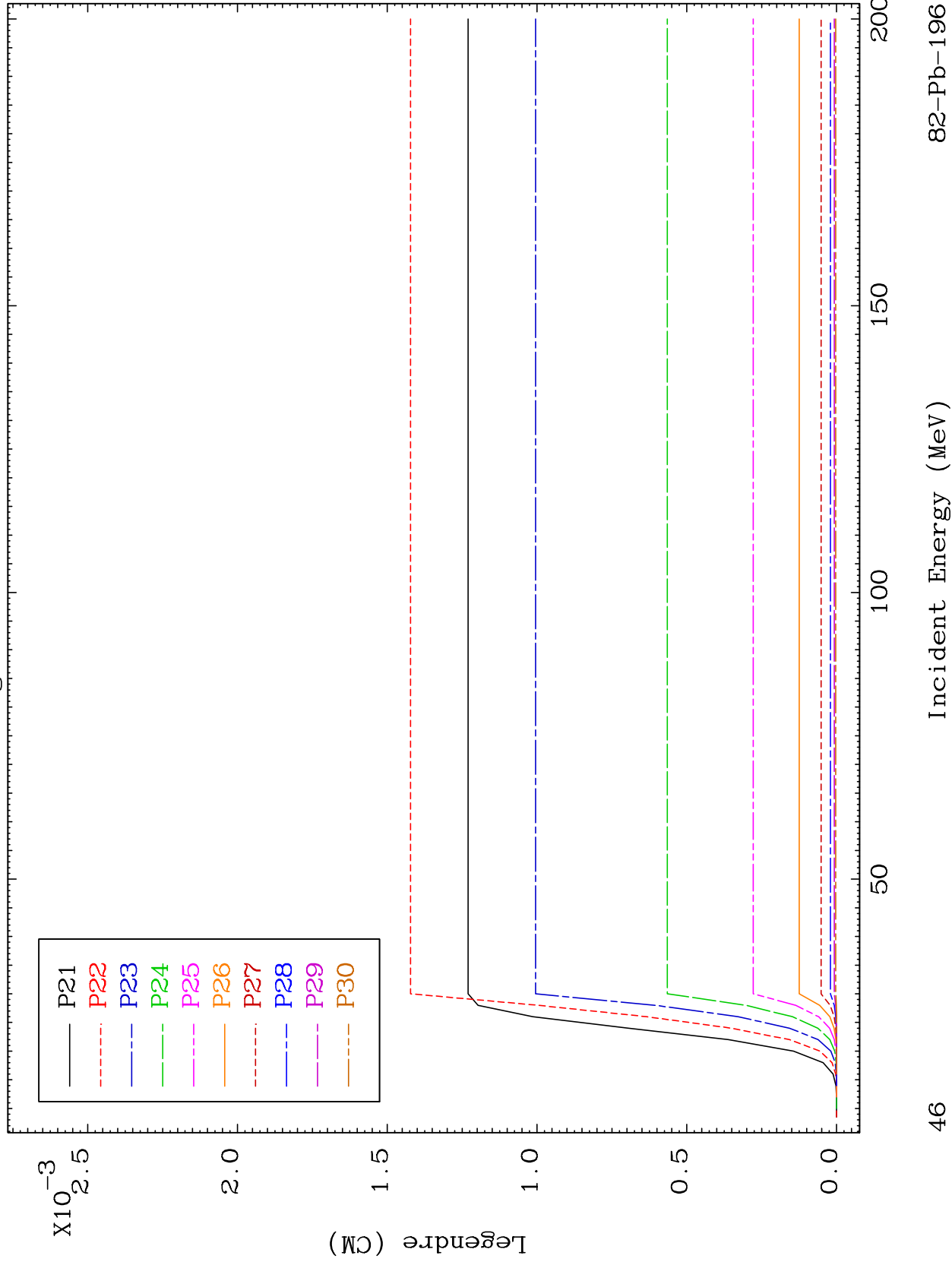
82-Pb-196



45

Incident Energy (MeV)

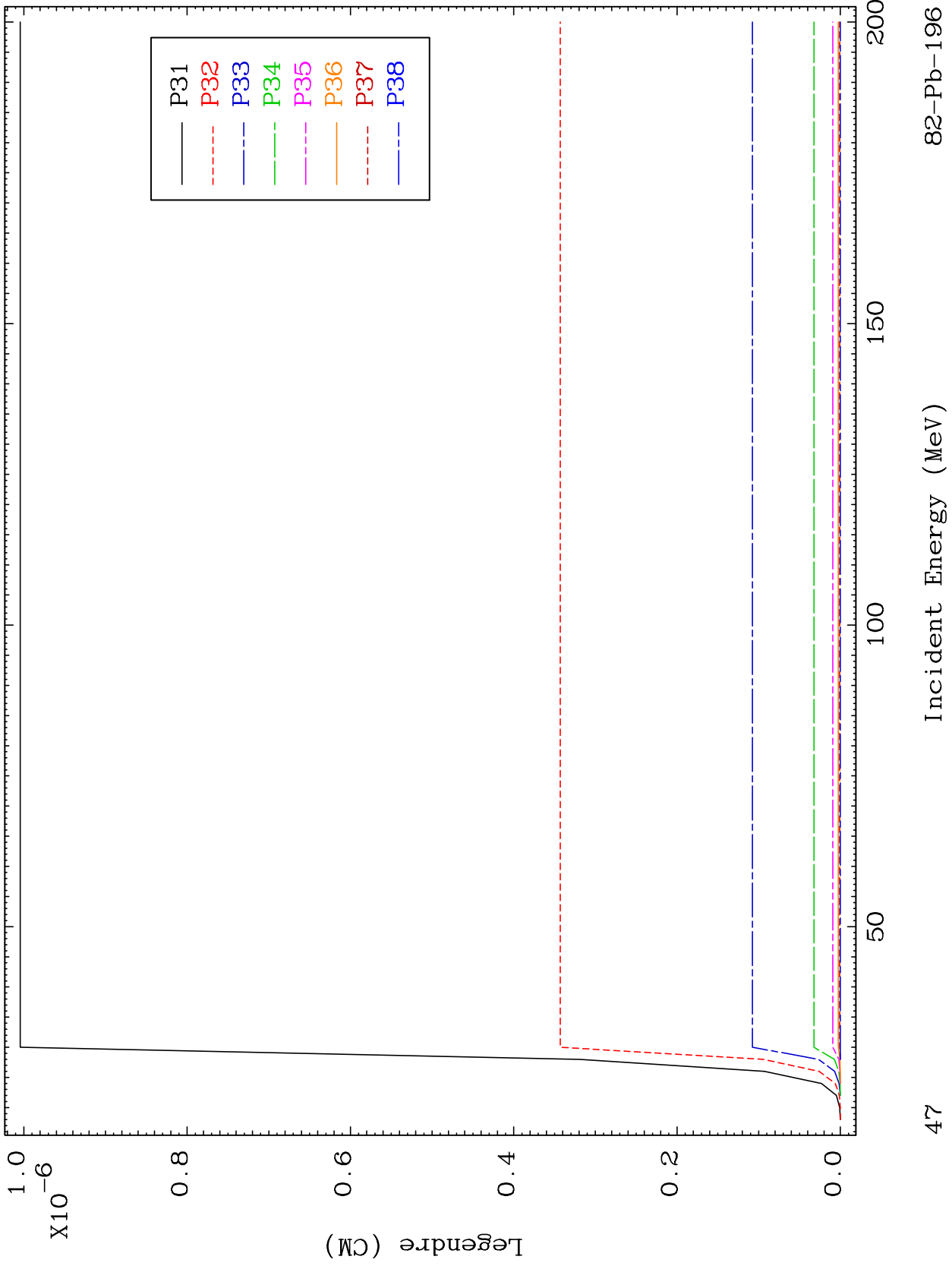
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MAT 8201

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

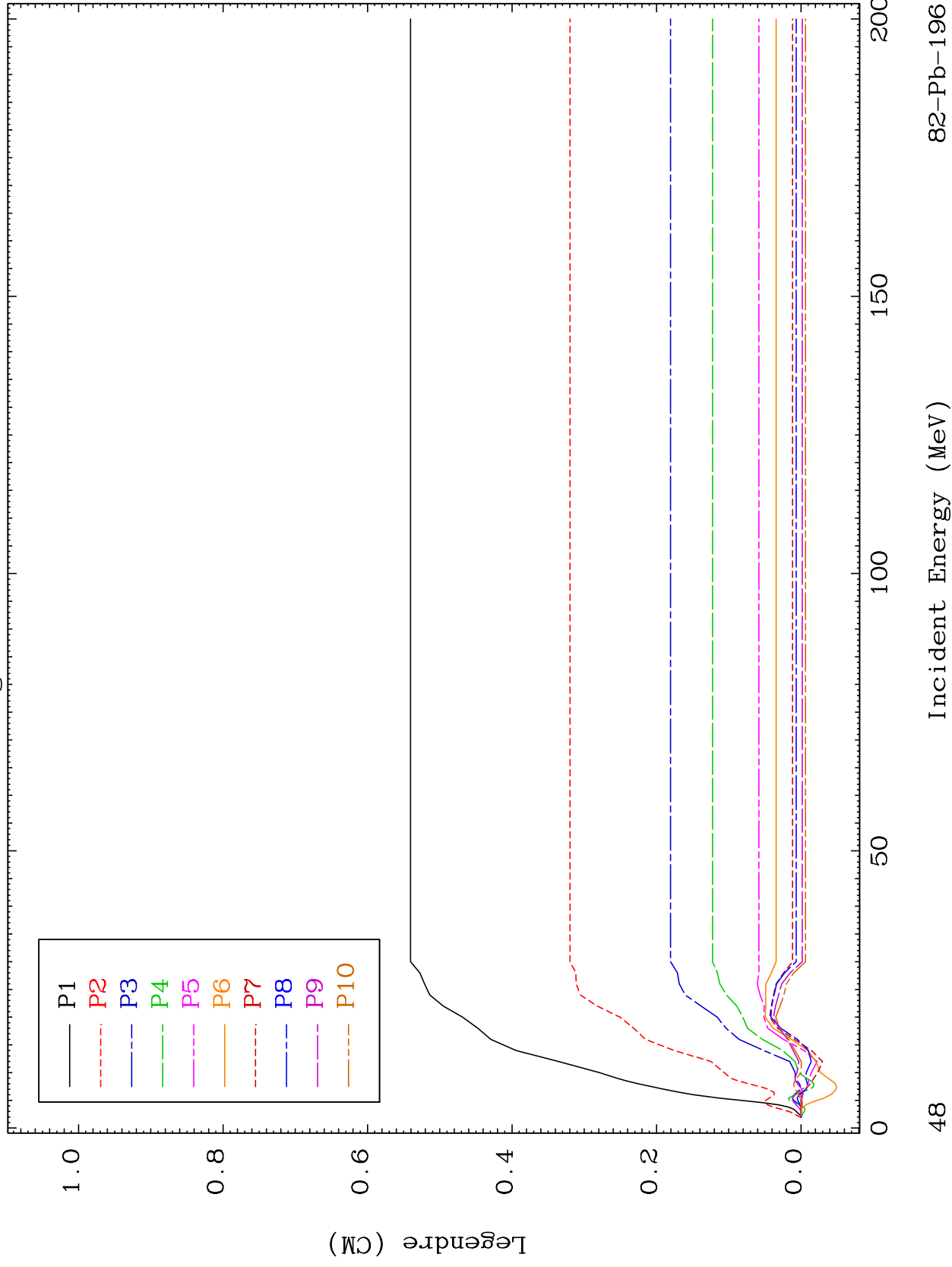
82-Pb-196



MAT 8201

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

82-Pb-196



48

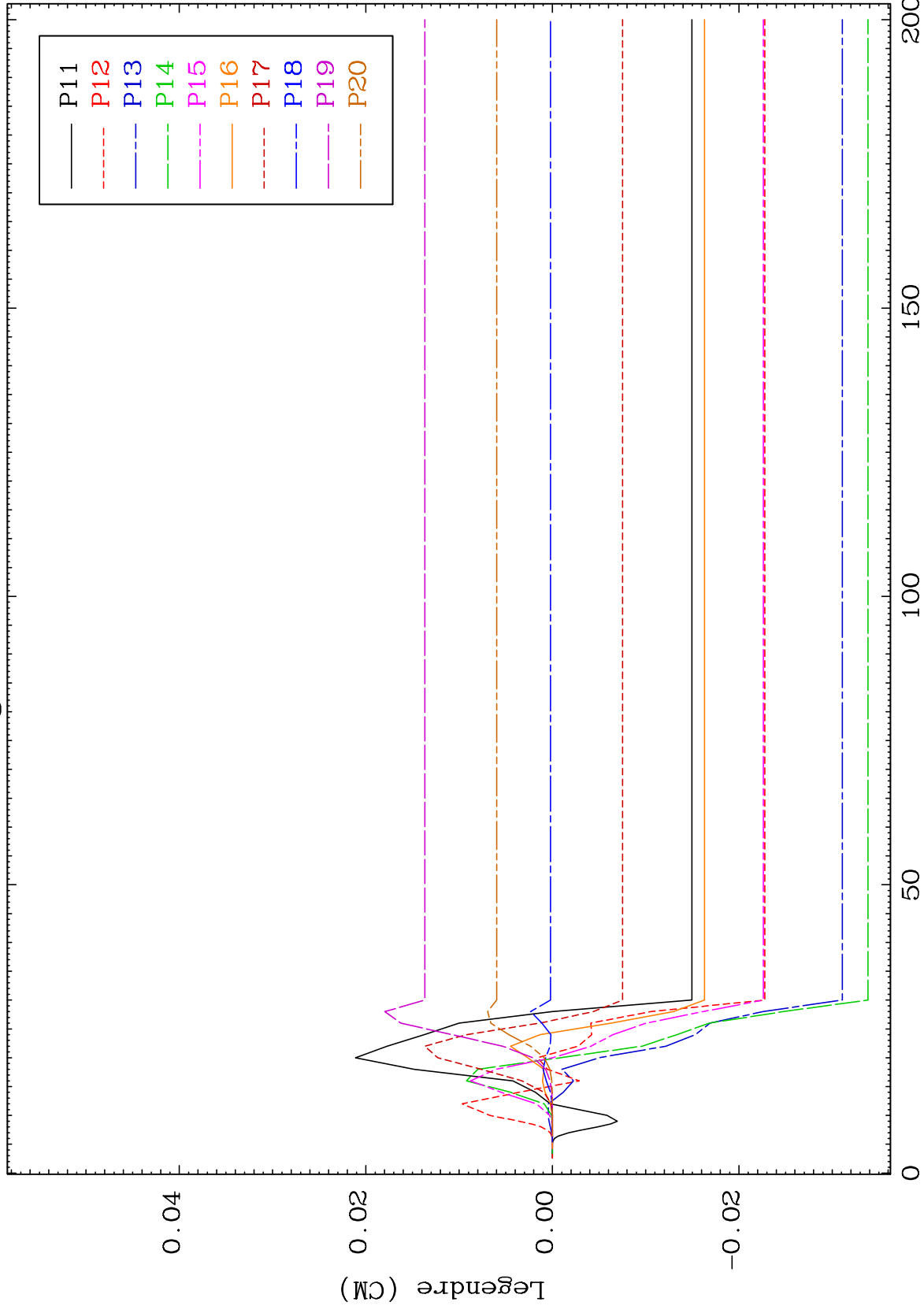
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



49

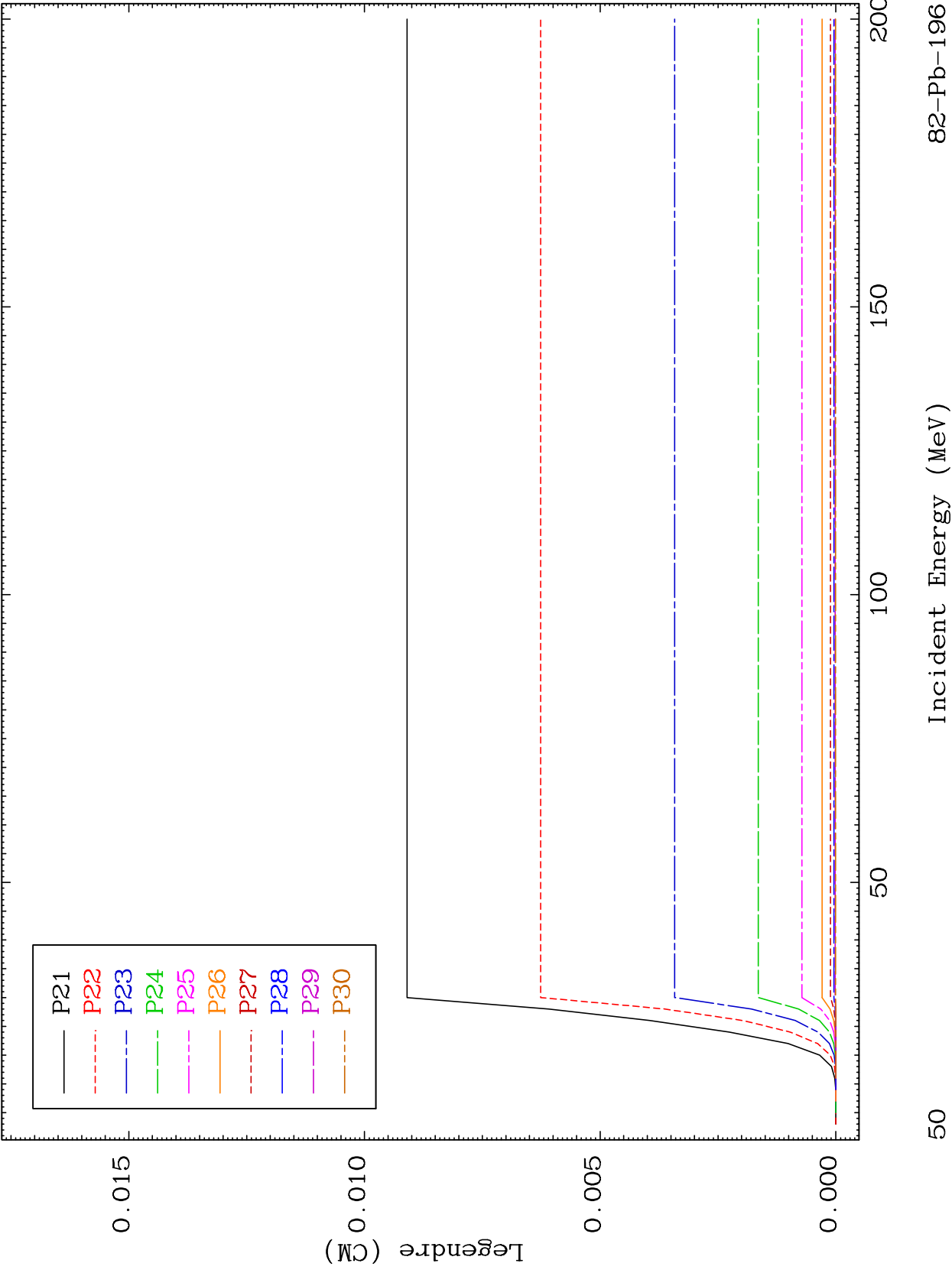
Incident Energy (MeV)

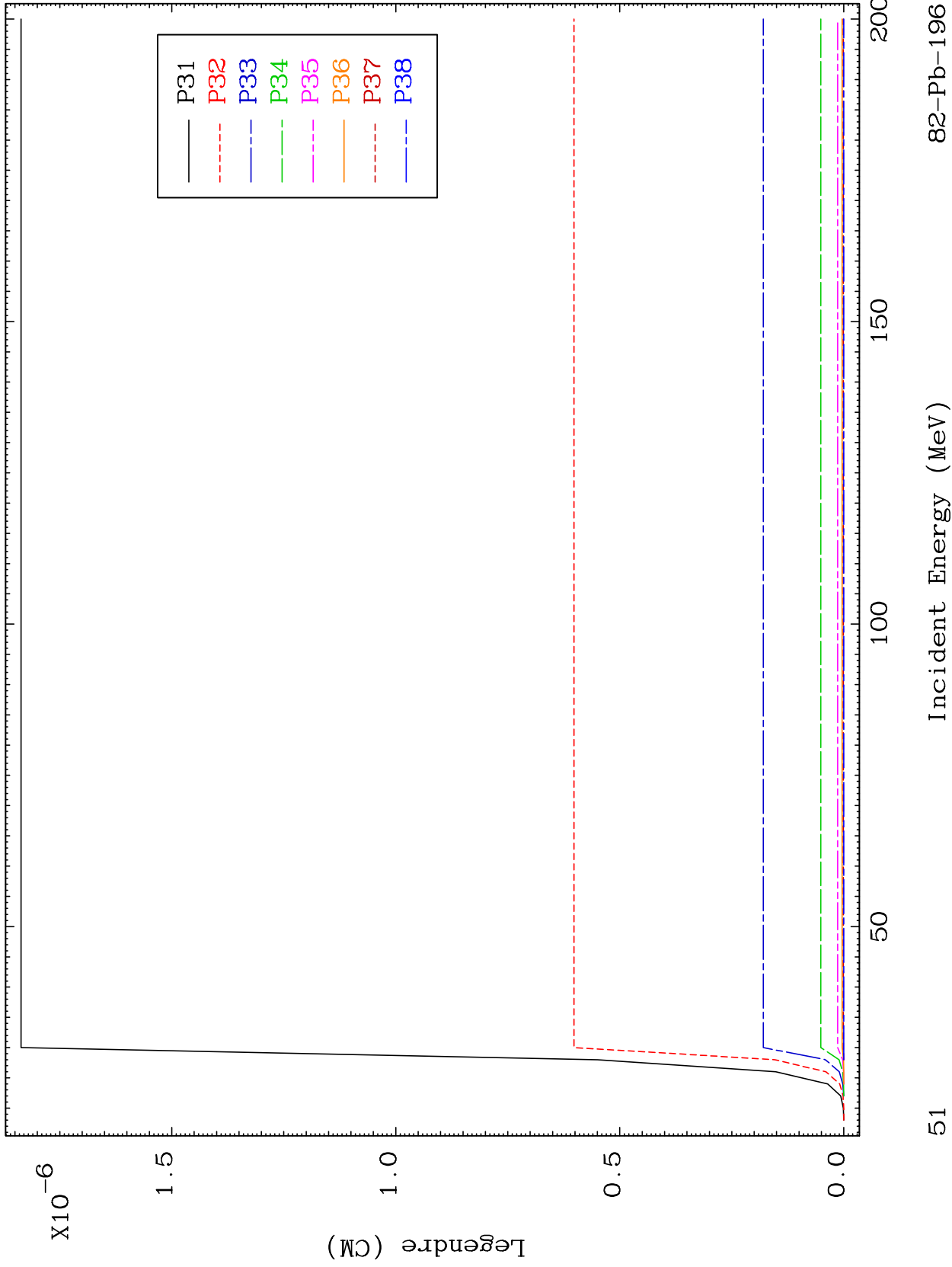
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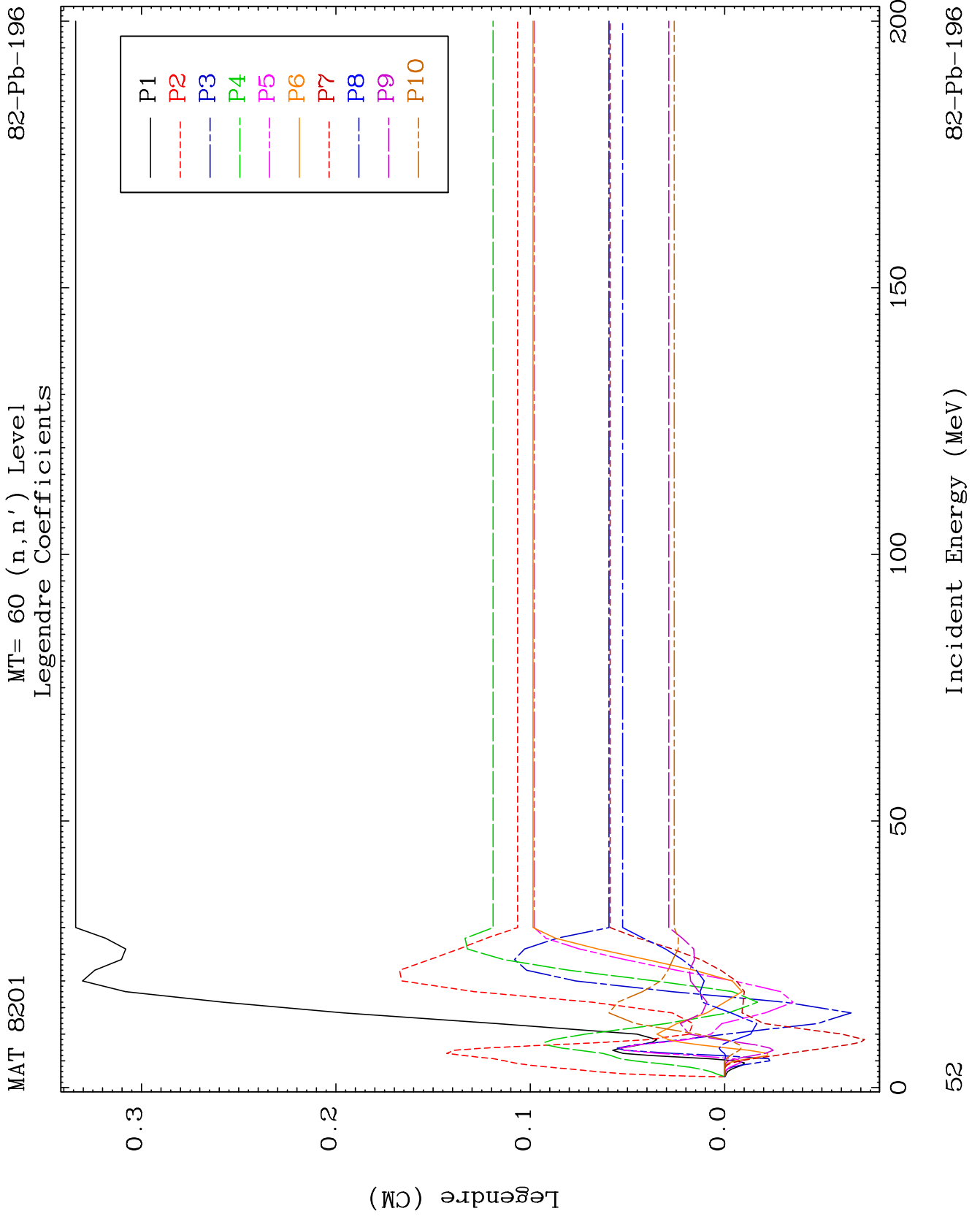
MAT 8201

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

82-Pb-196



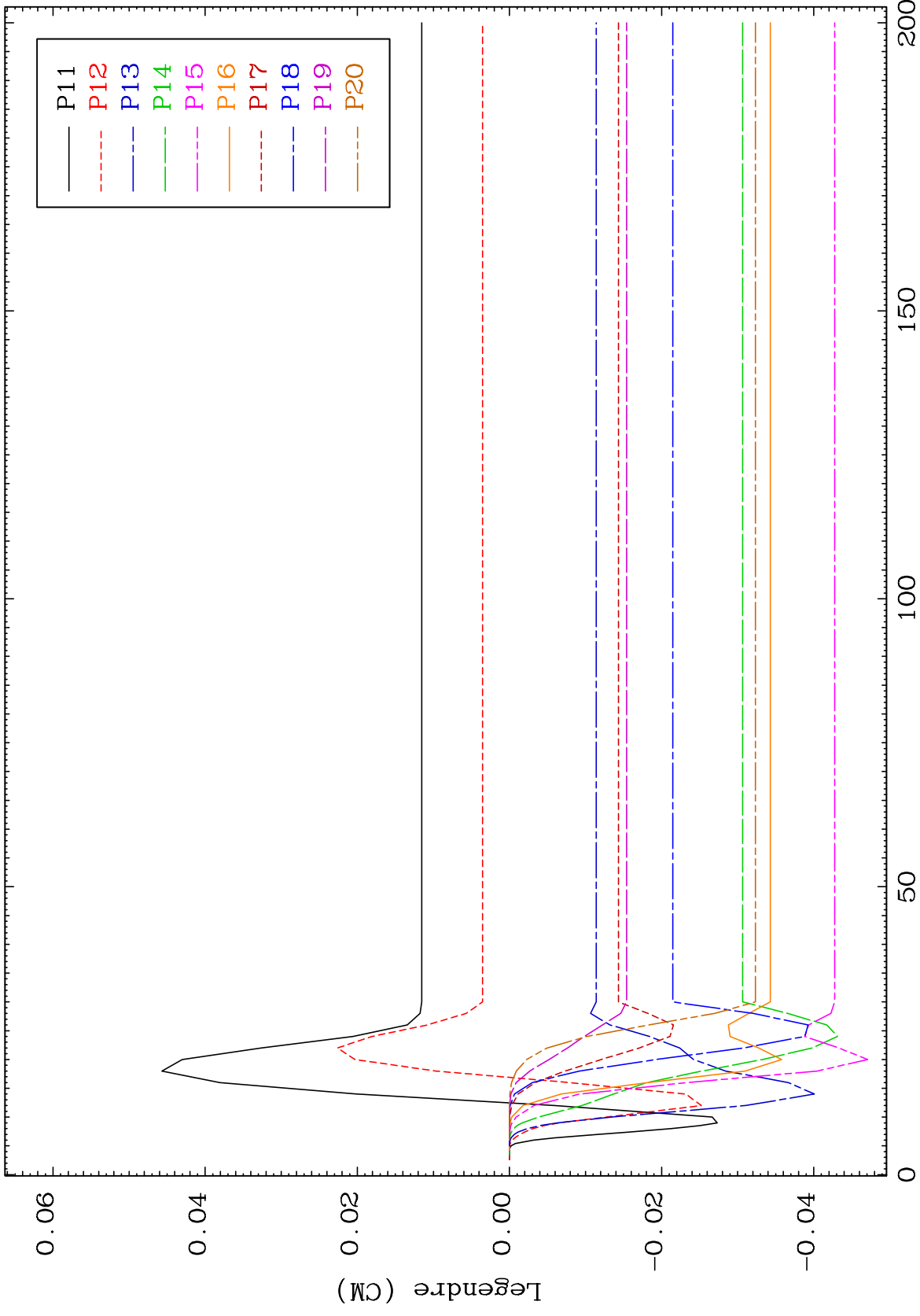




MAT 8201

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

82-Pb-196



53

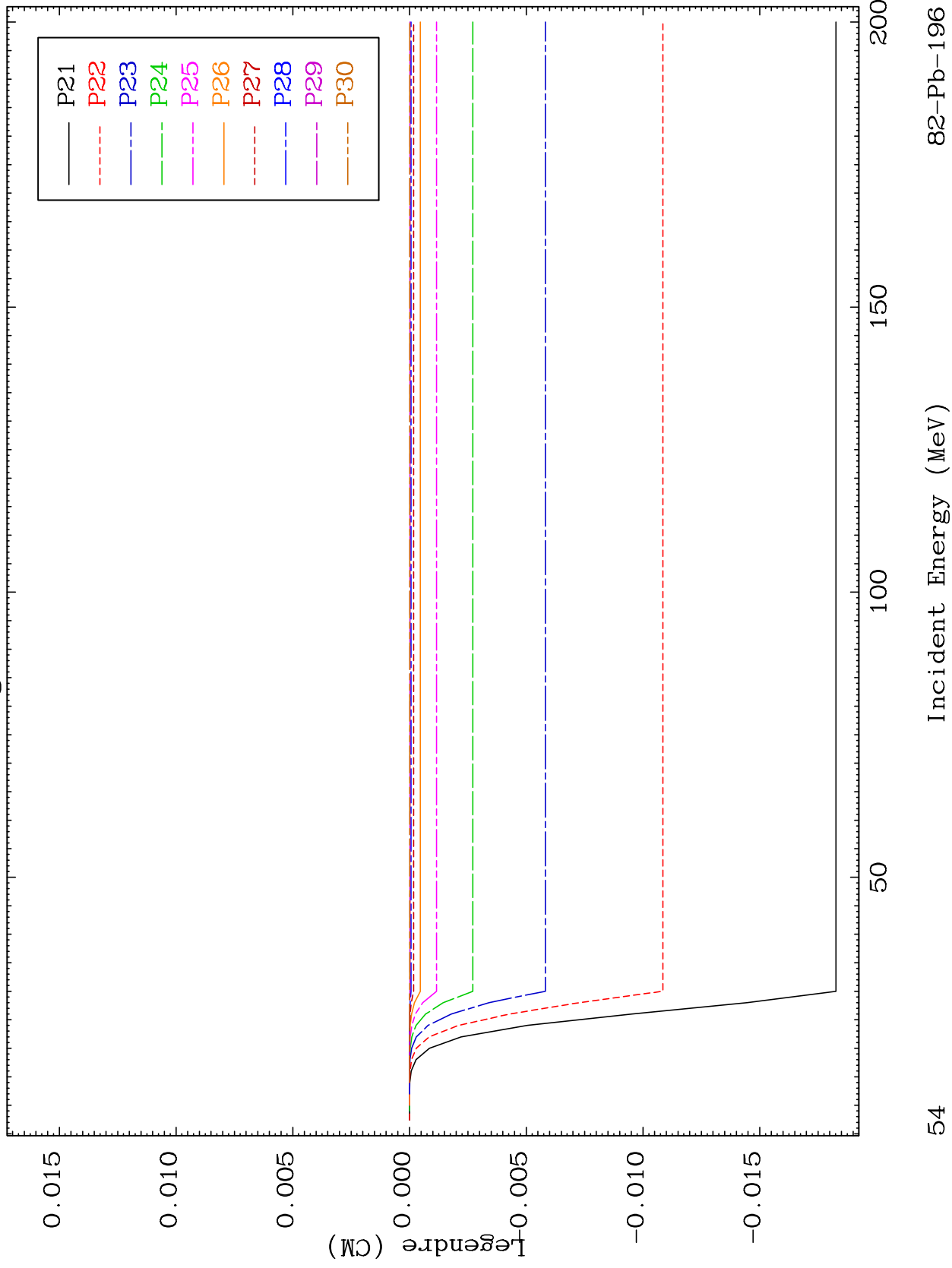
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

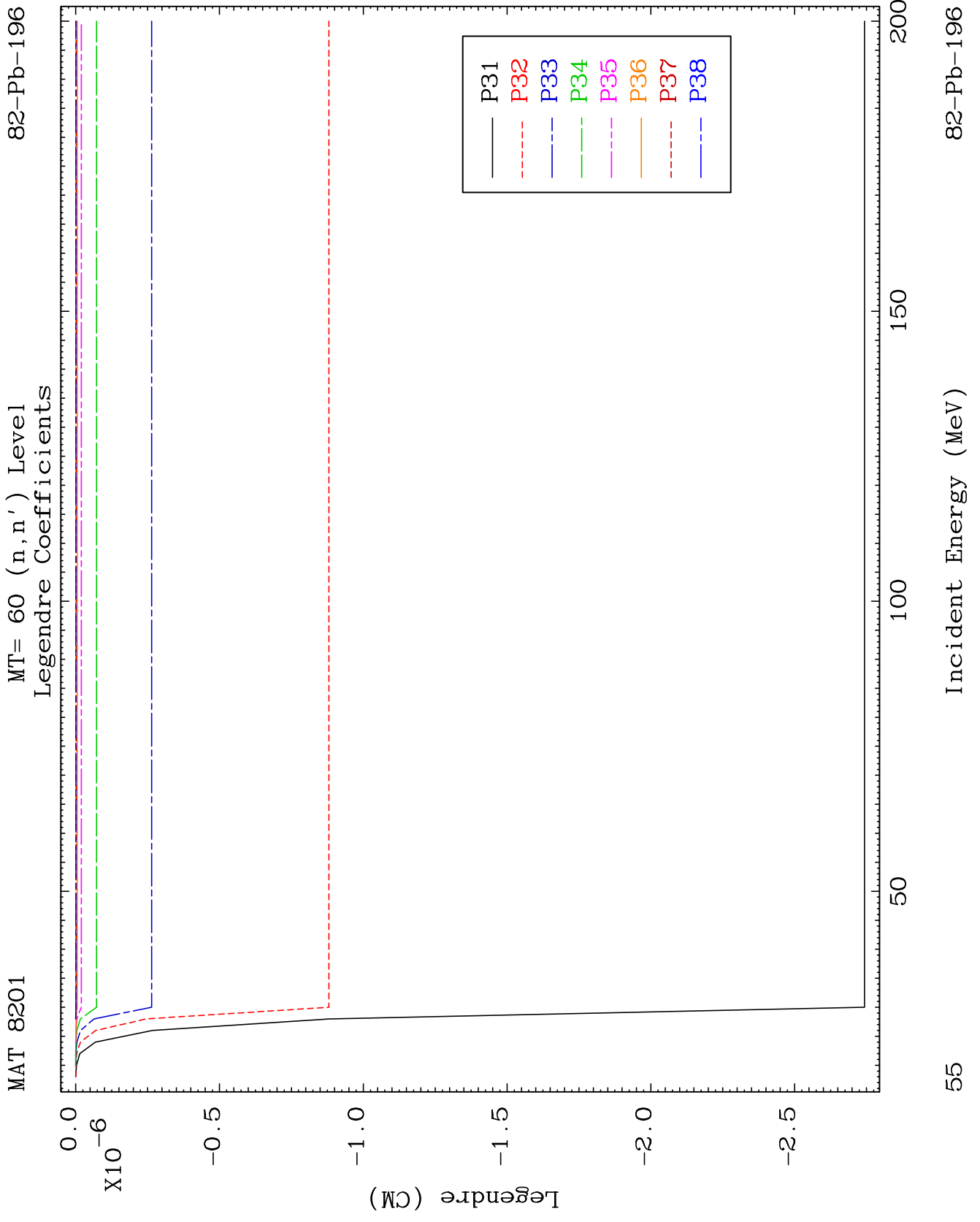
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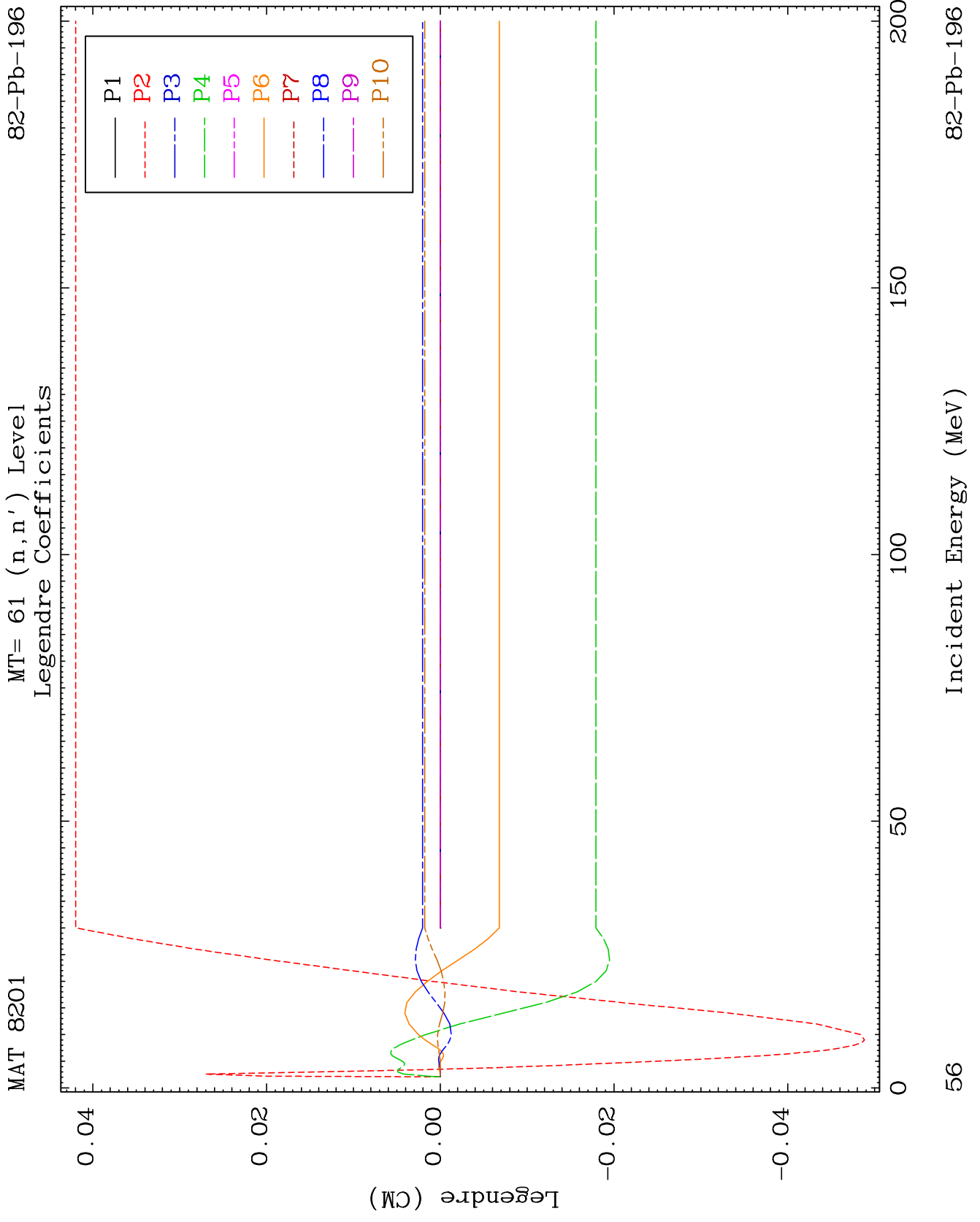


54

Incident Energy (MeV)

82-Pb-196

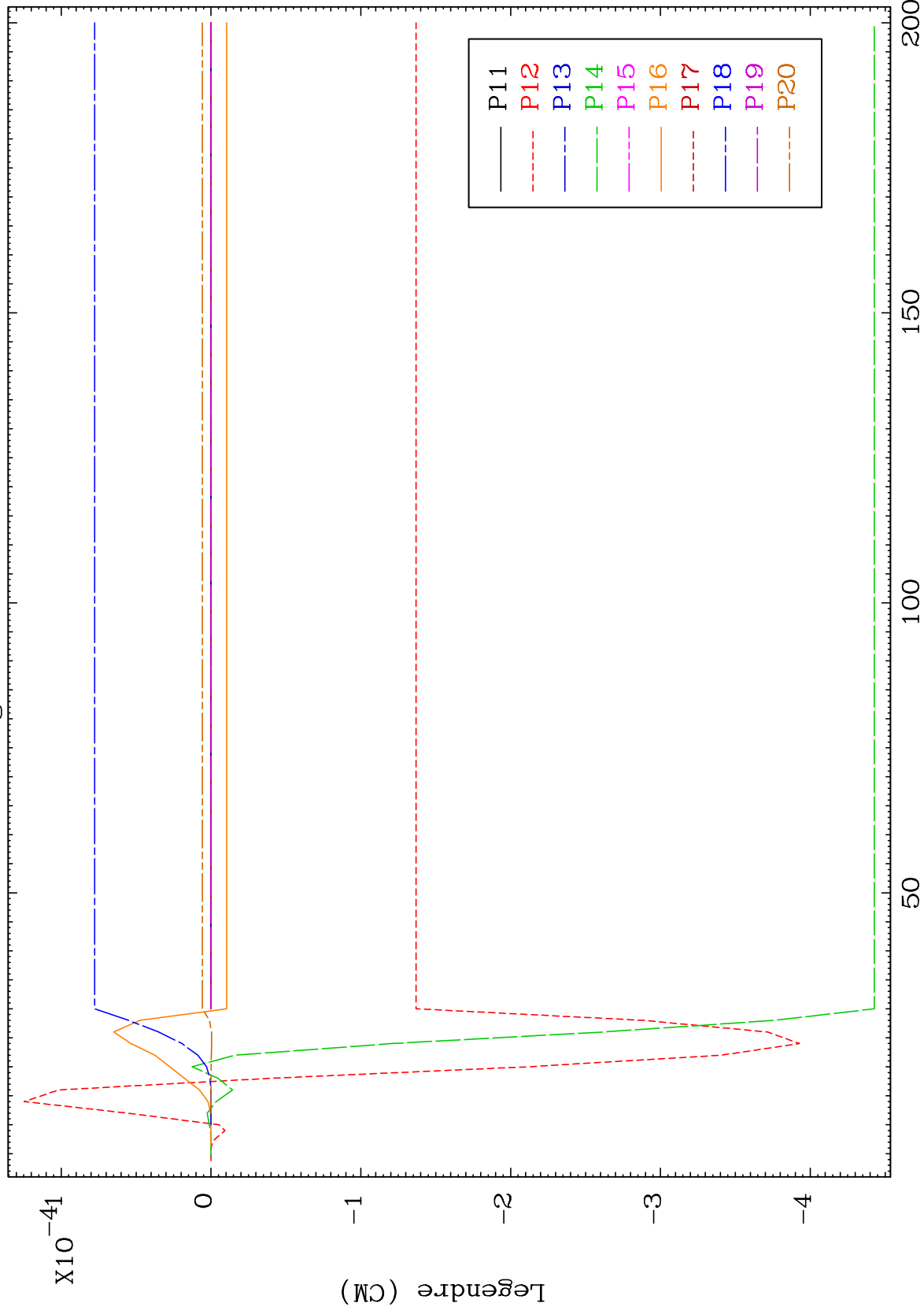




MAT 8201

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

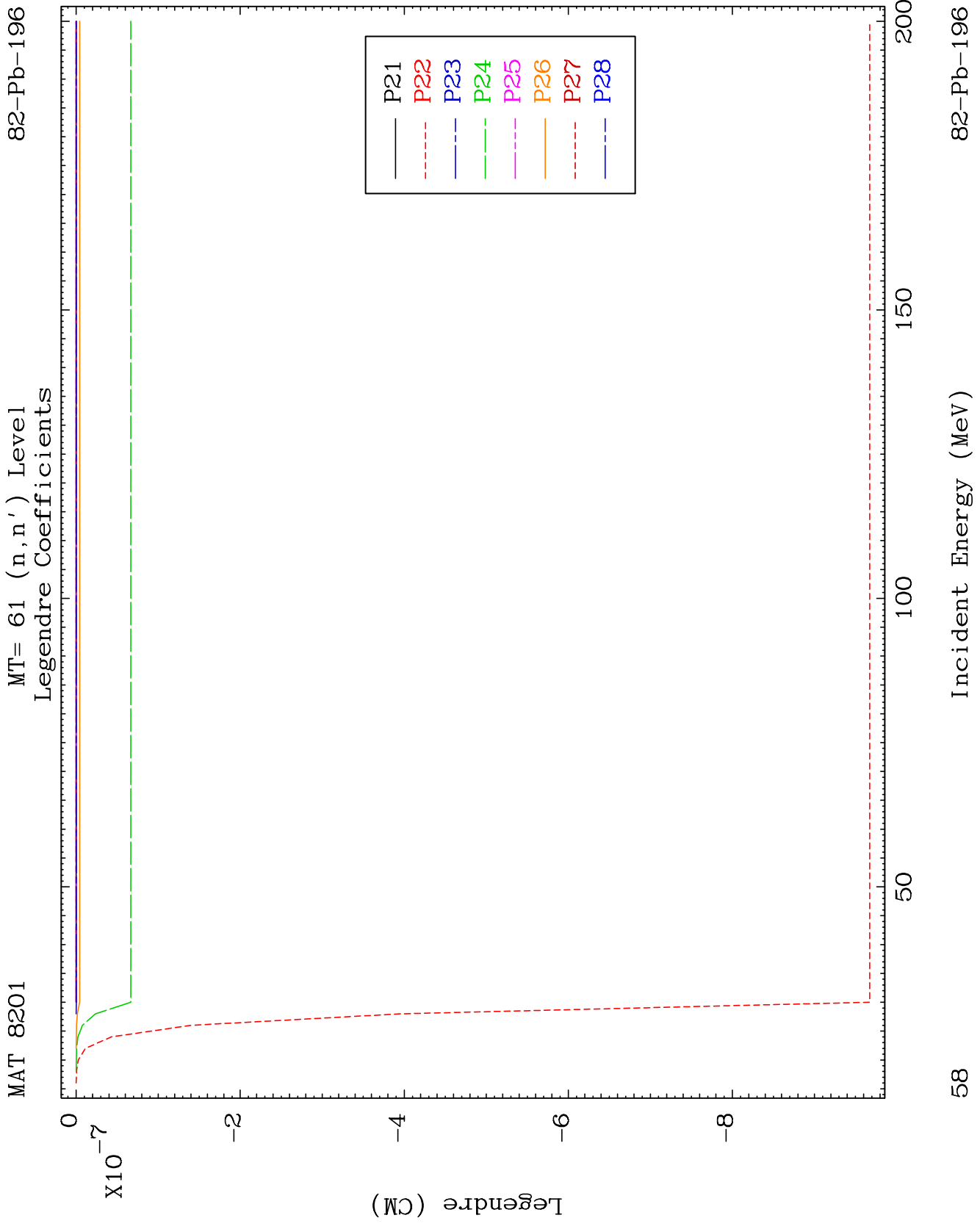
82-Pb-196



57

Incident Energy (MeV)

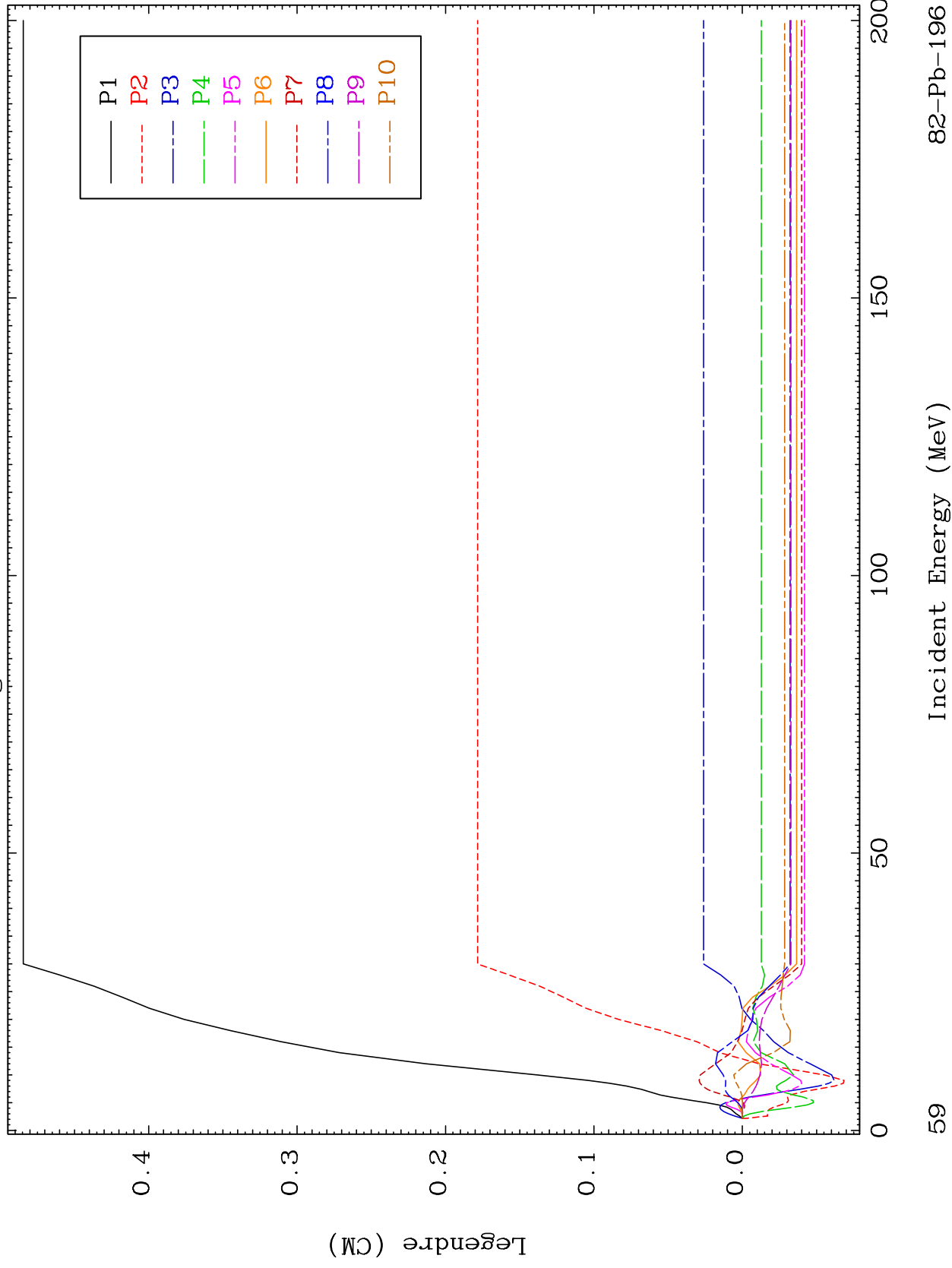
82-Pb-196



MAT 8201

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

82-Pb-196



59

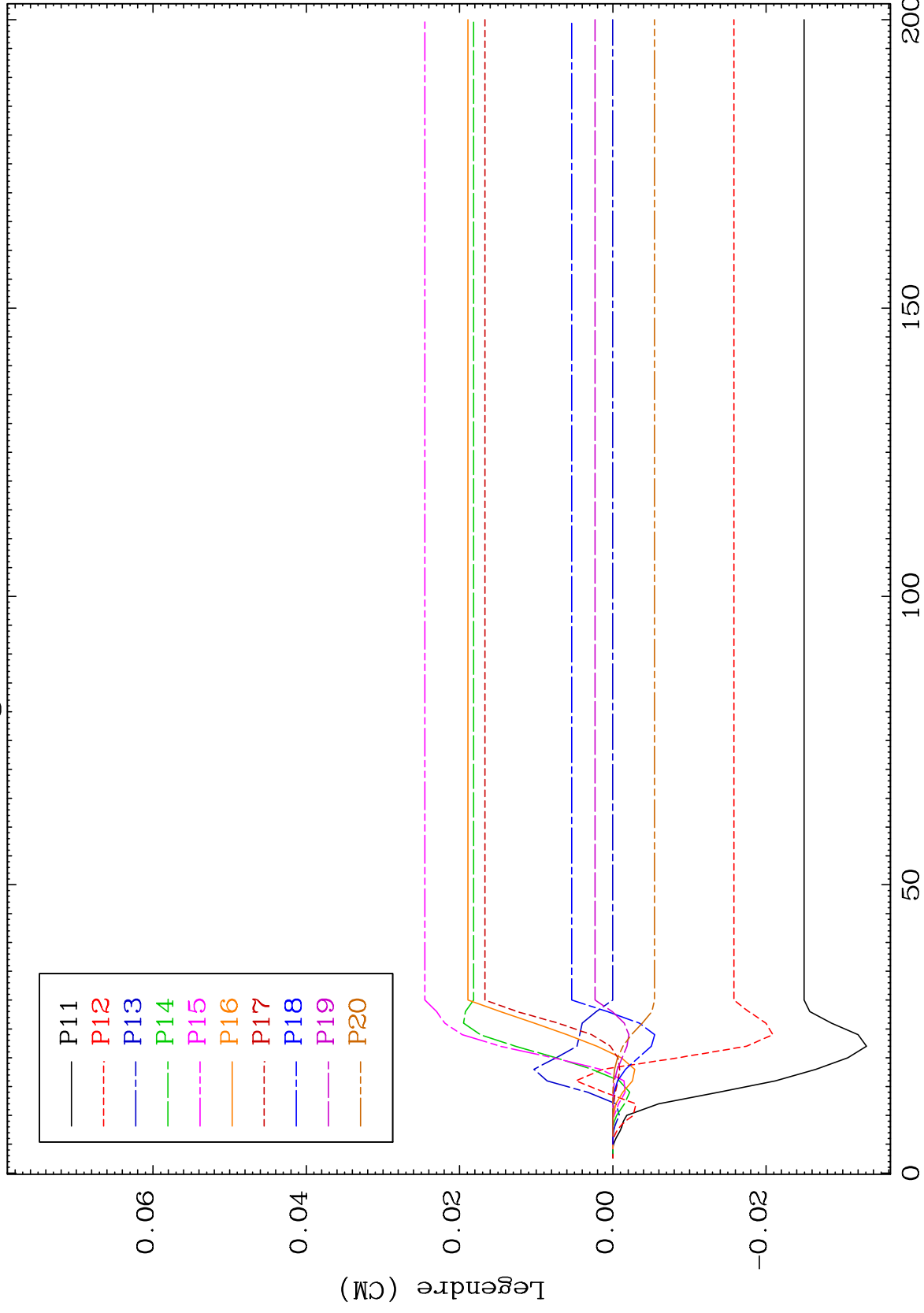
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

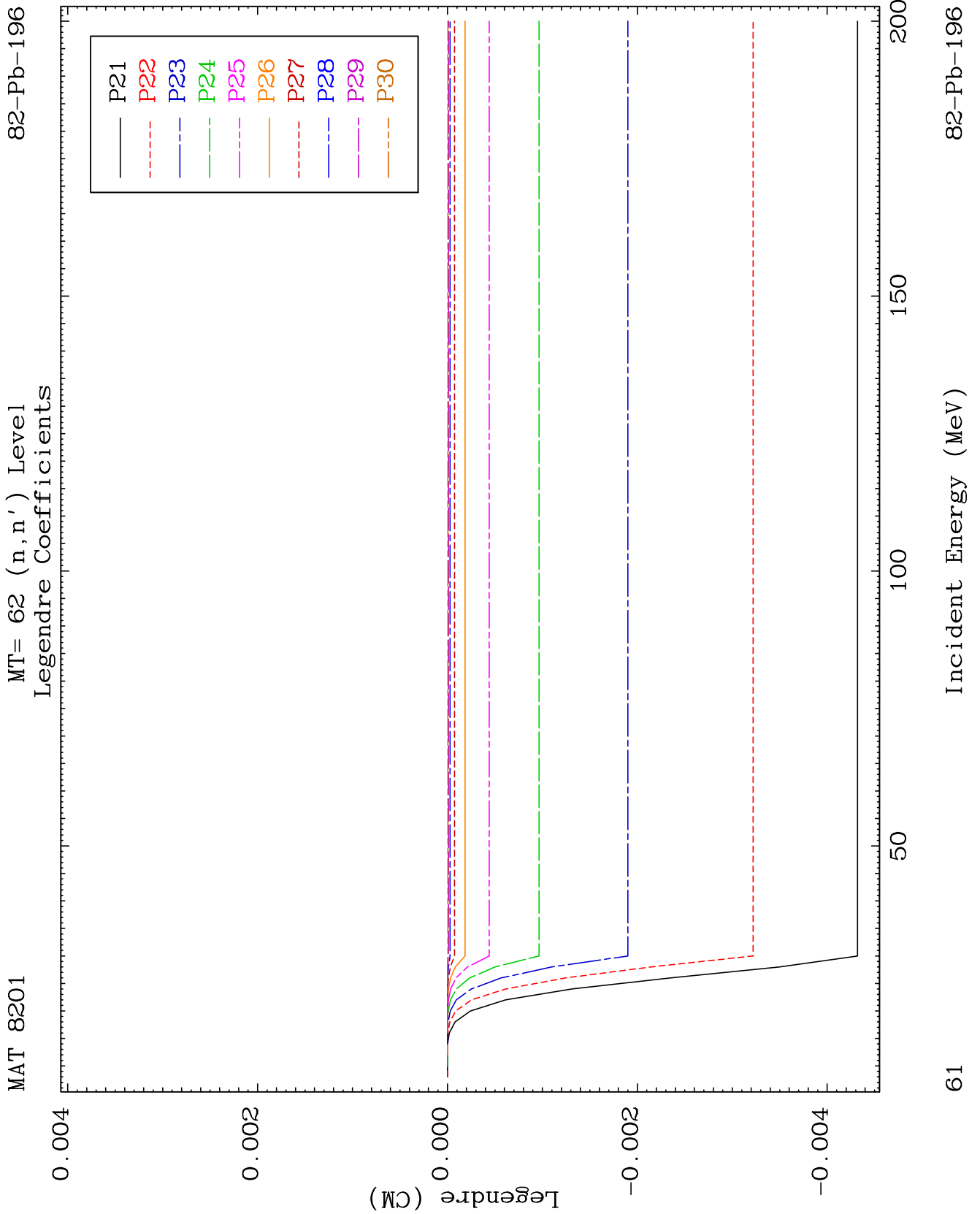
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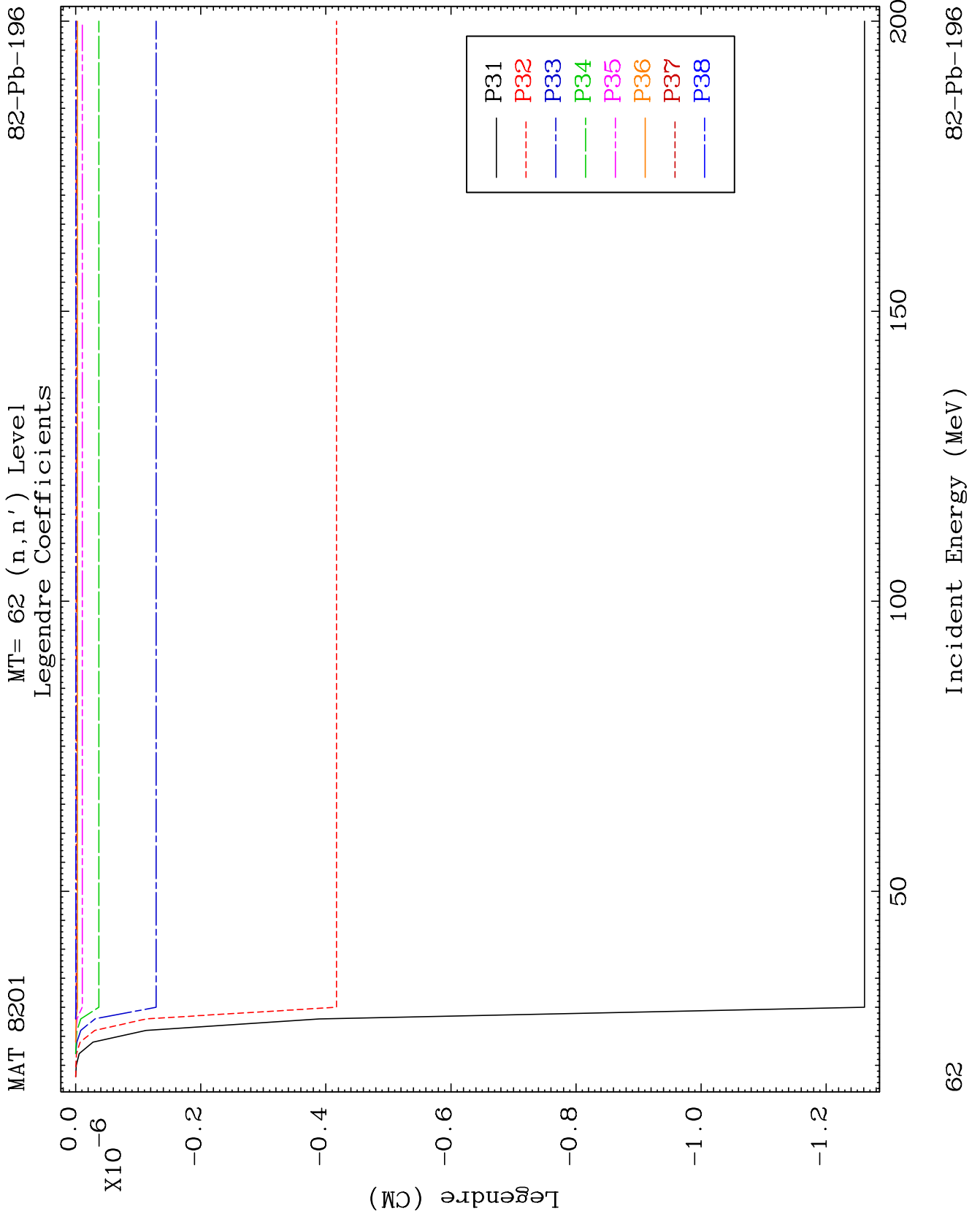


60

Incident Energy (MeV)

82-Pb-196

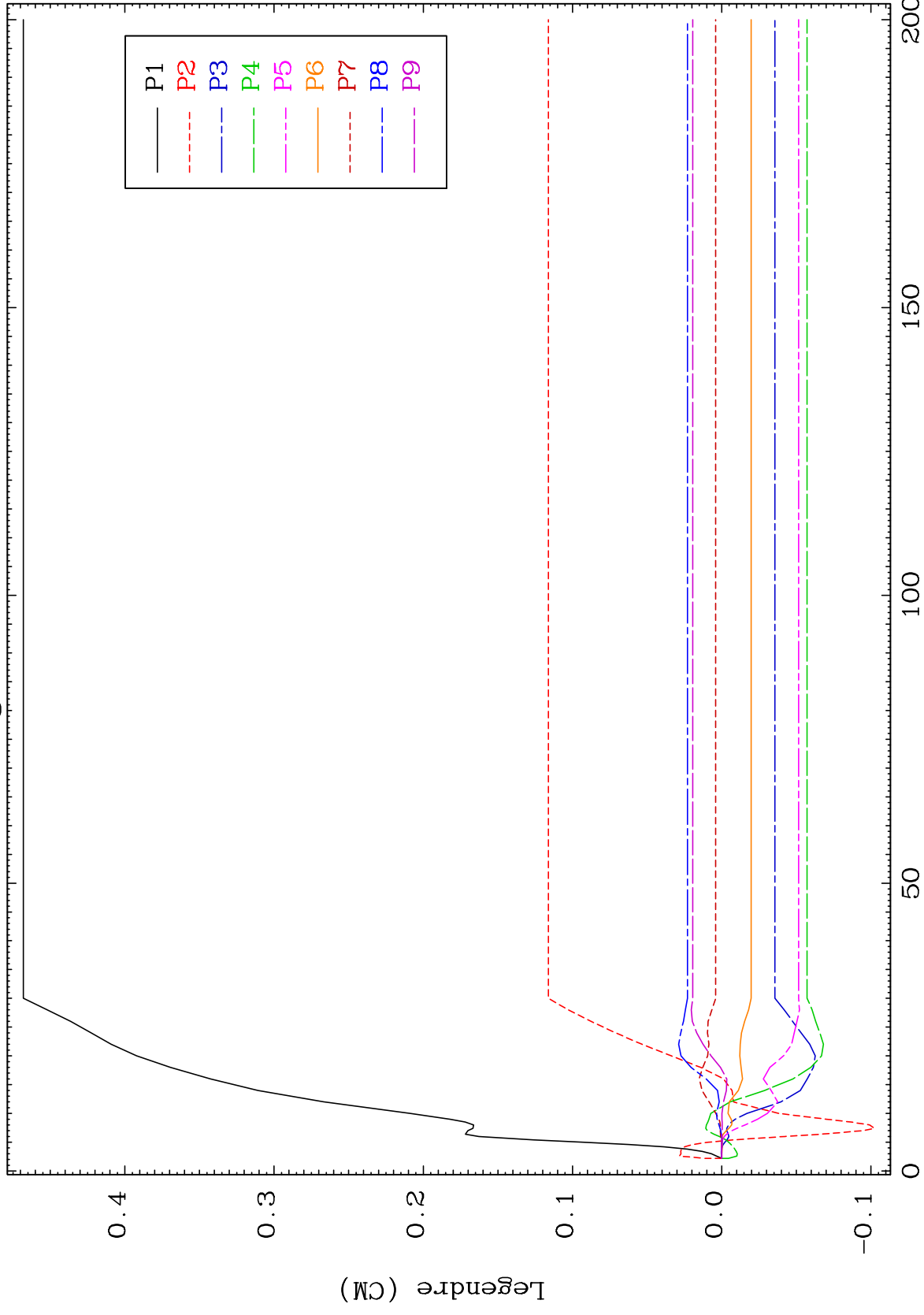




MAT 8201

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

82-Pb-196



63

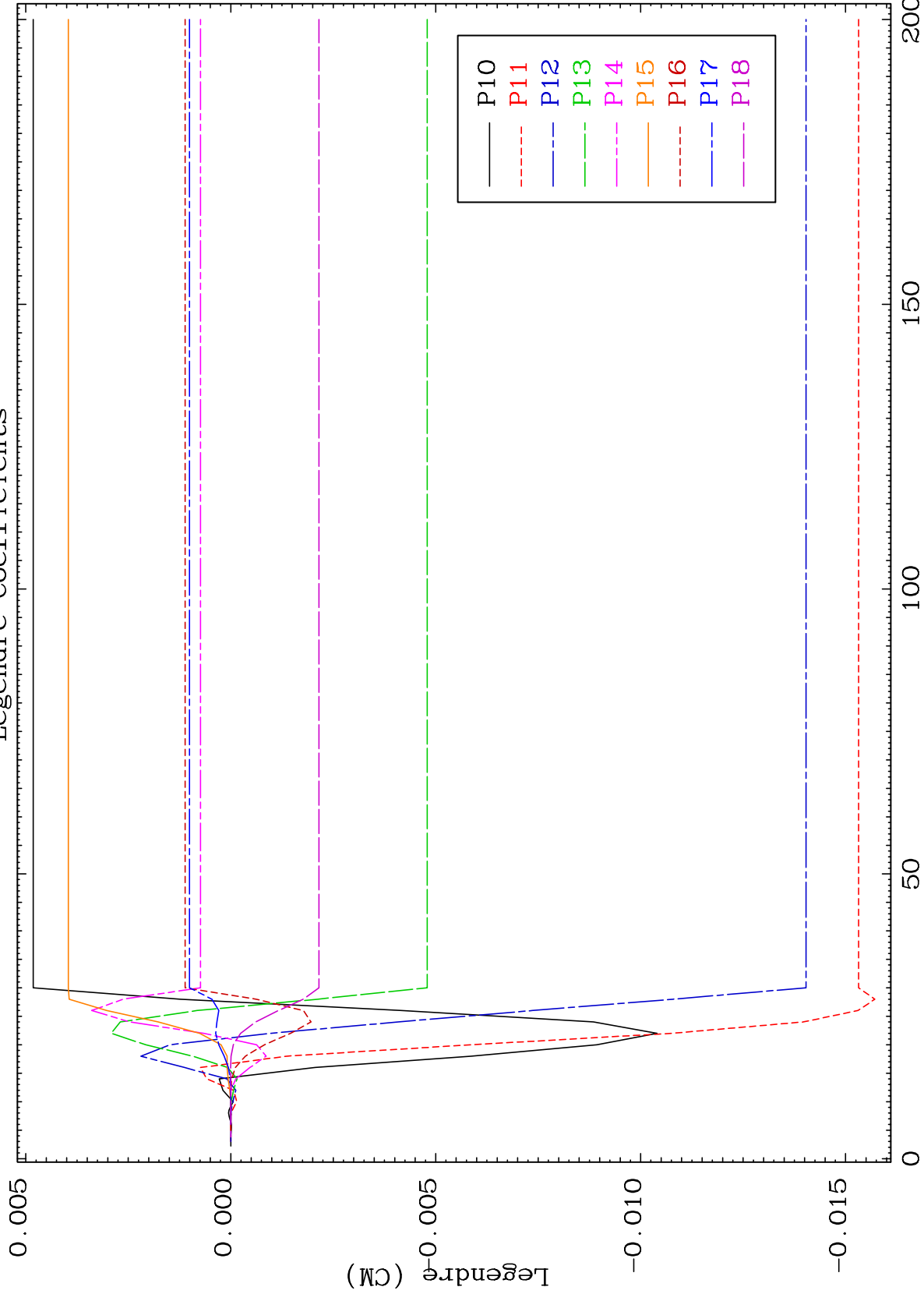
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



64

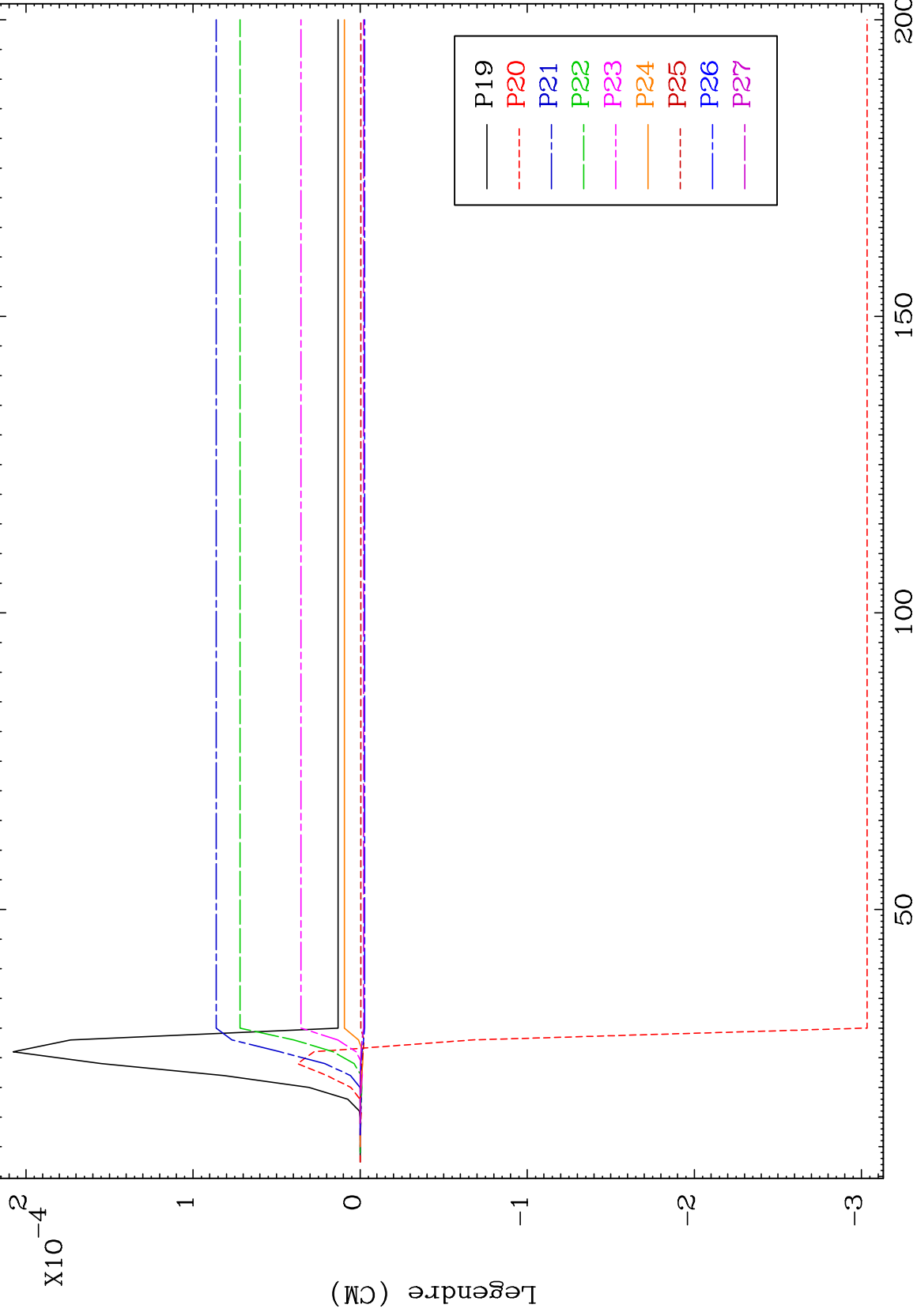
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

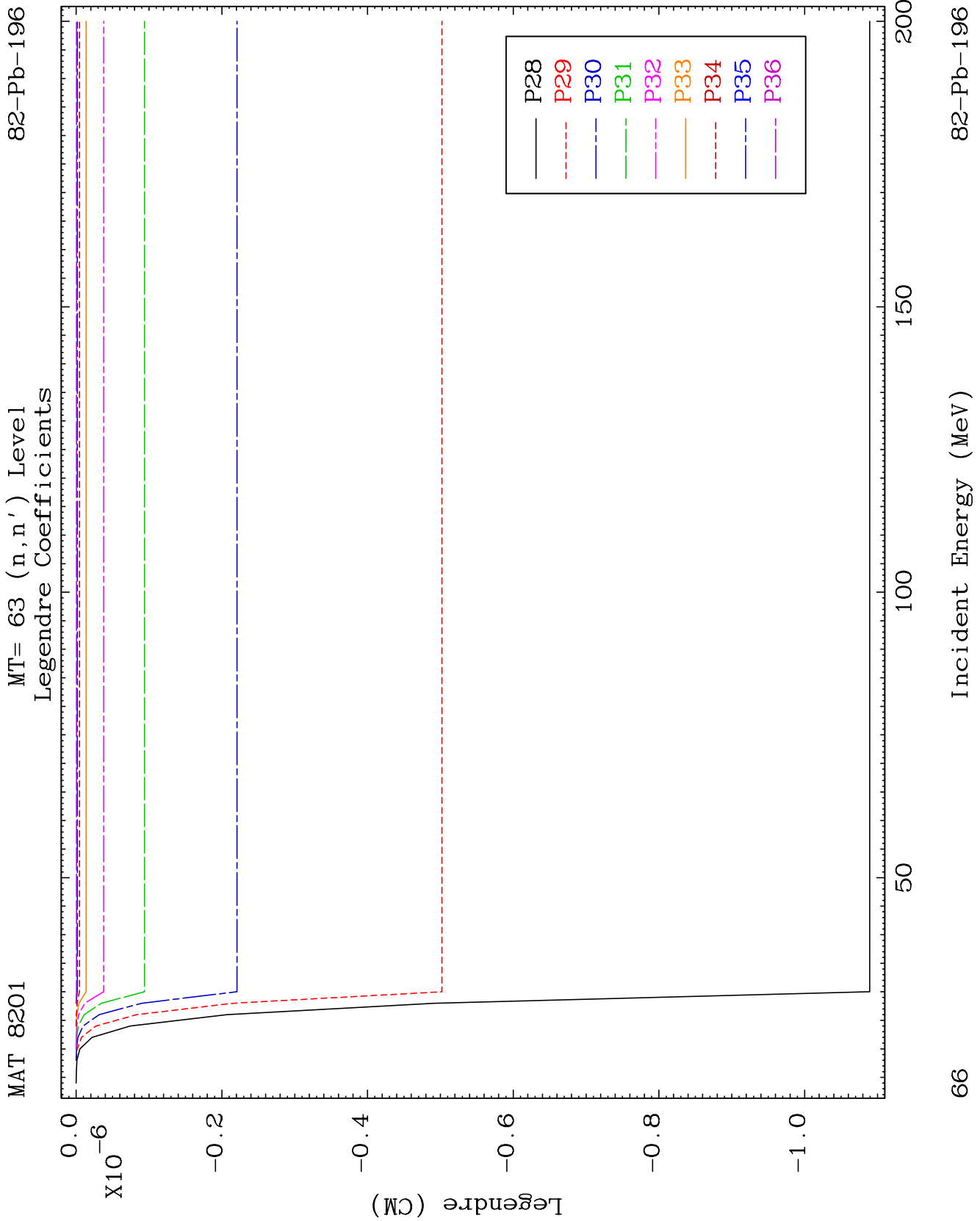
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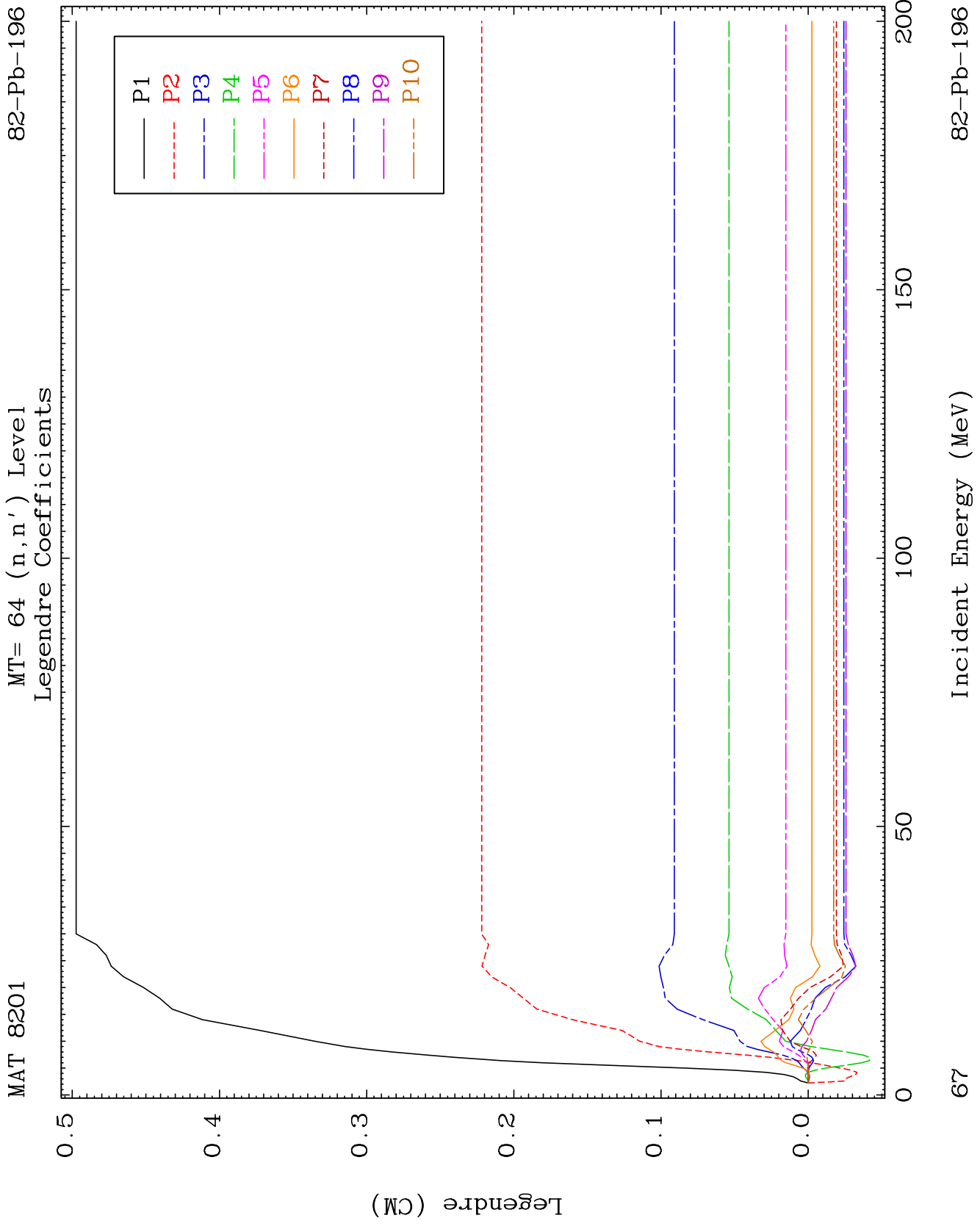


65

Incident Energy (MeV)

82-Pb-196

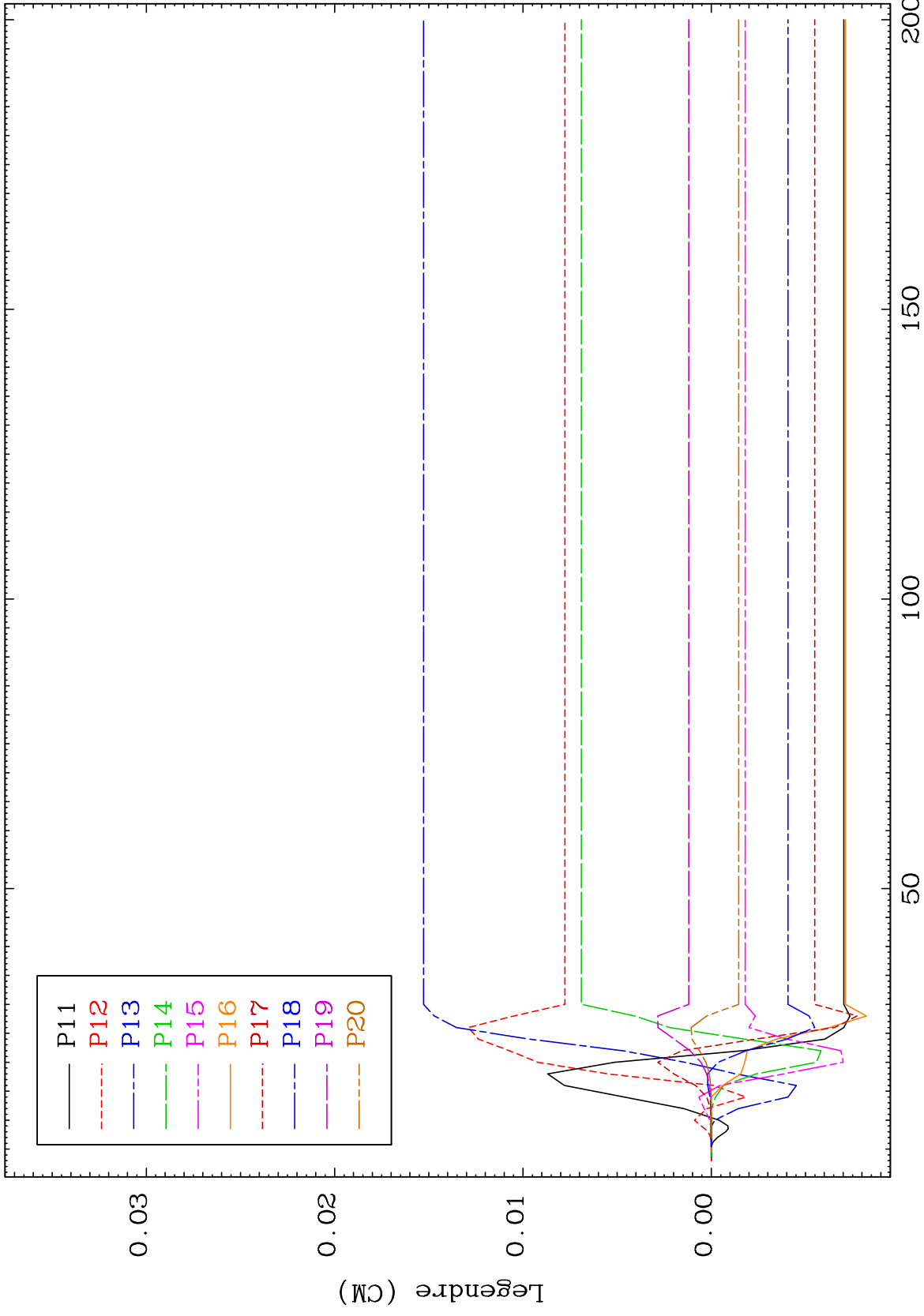




MAT 8201

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

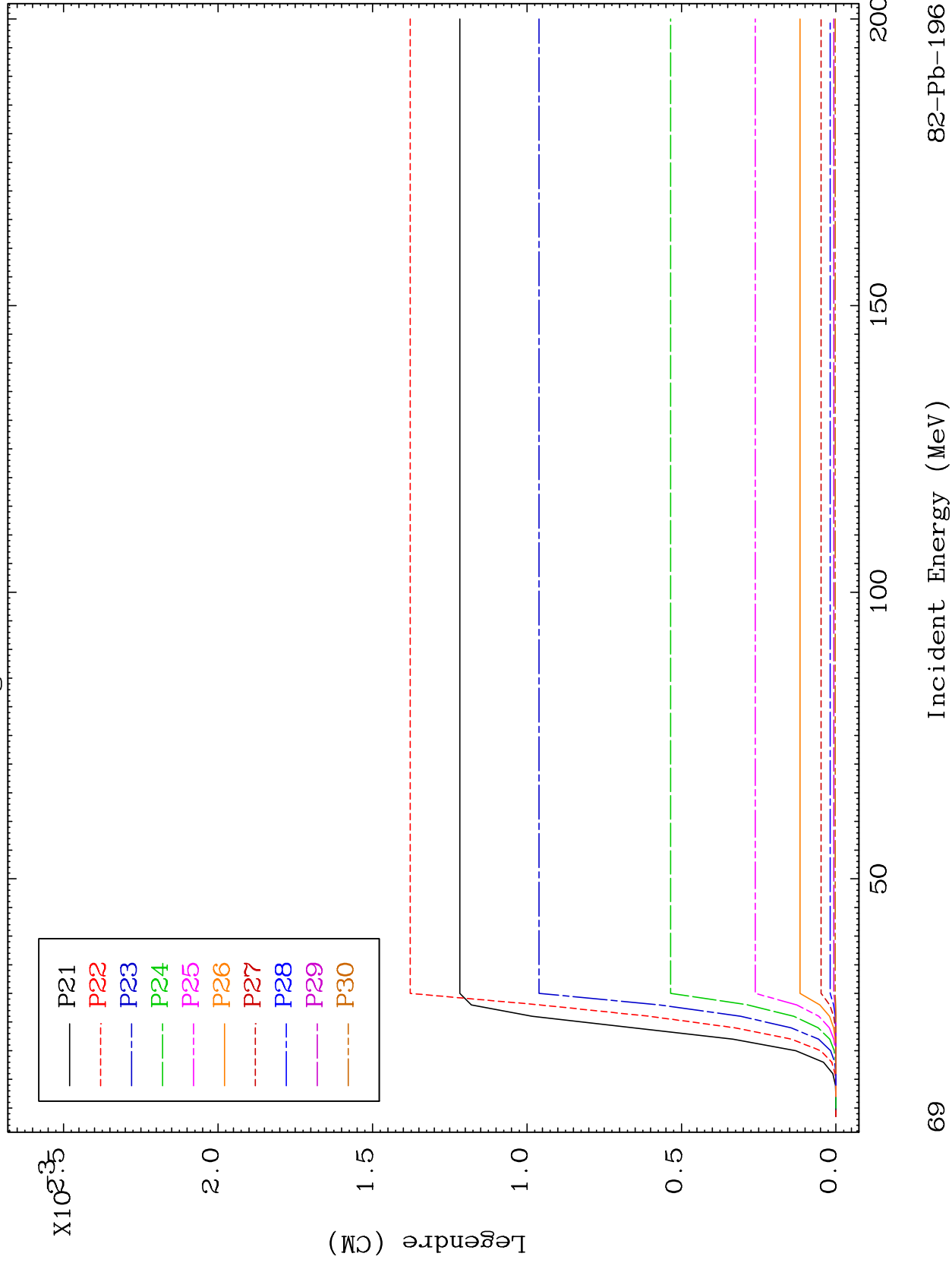
82-Pb-196



MAT 8201

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

82-Pb-196



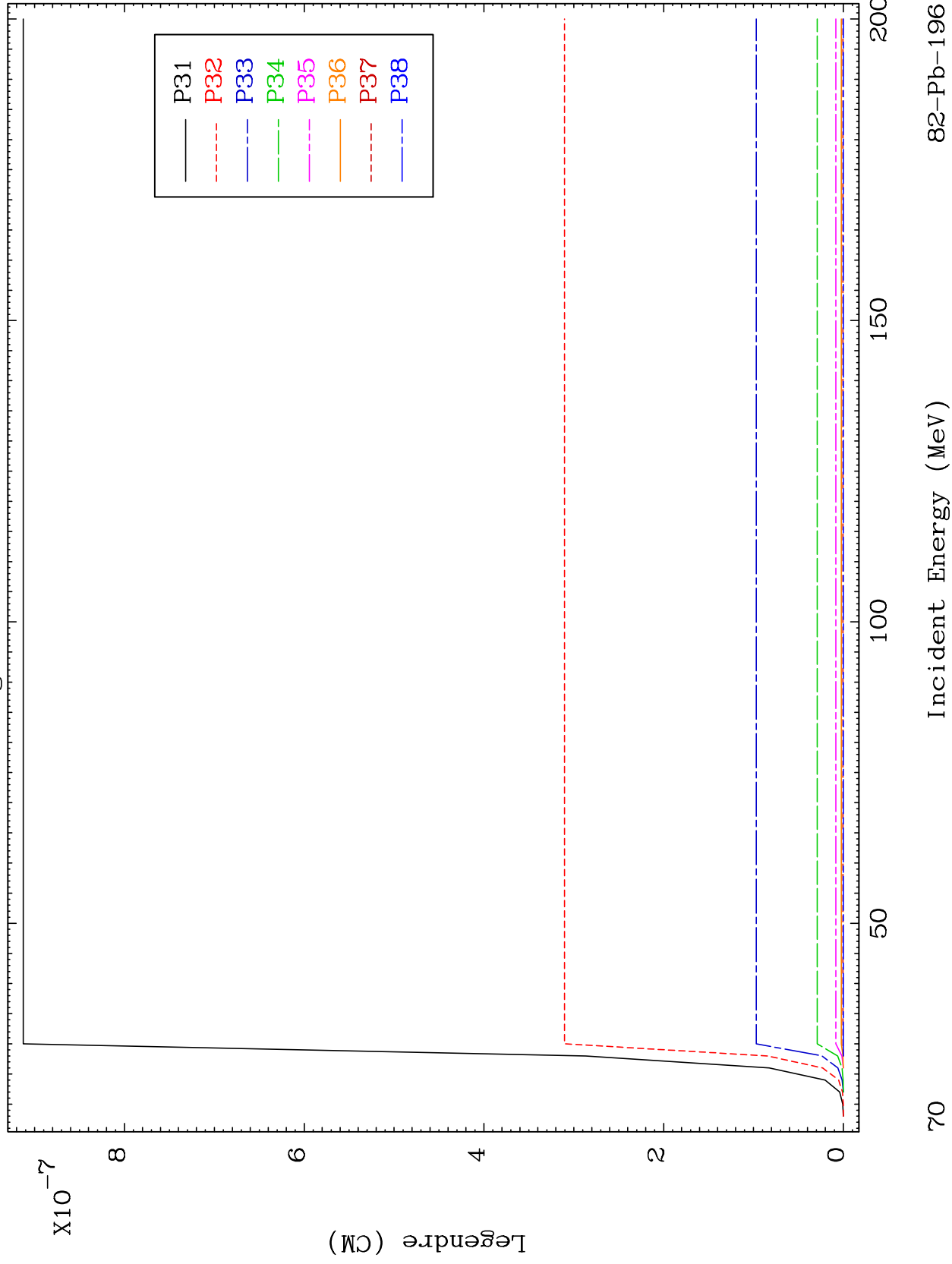
69

82-Pb-196

MAT 8201

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

82-Pb-196



70

Incident Energy (MeV)

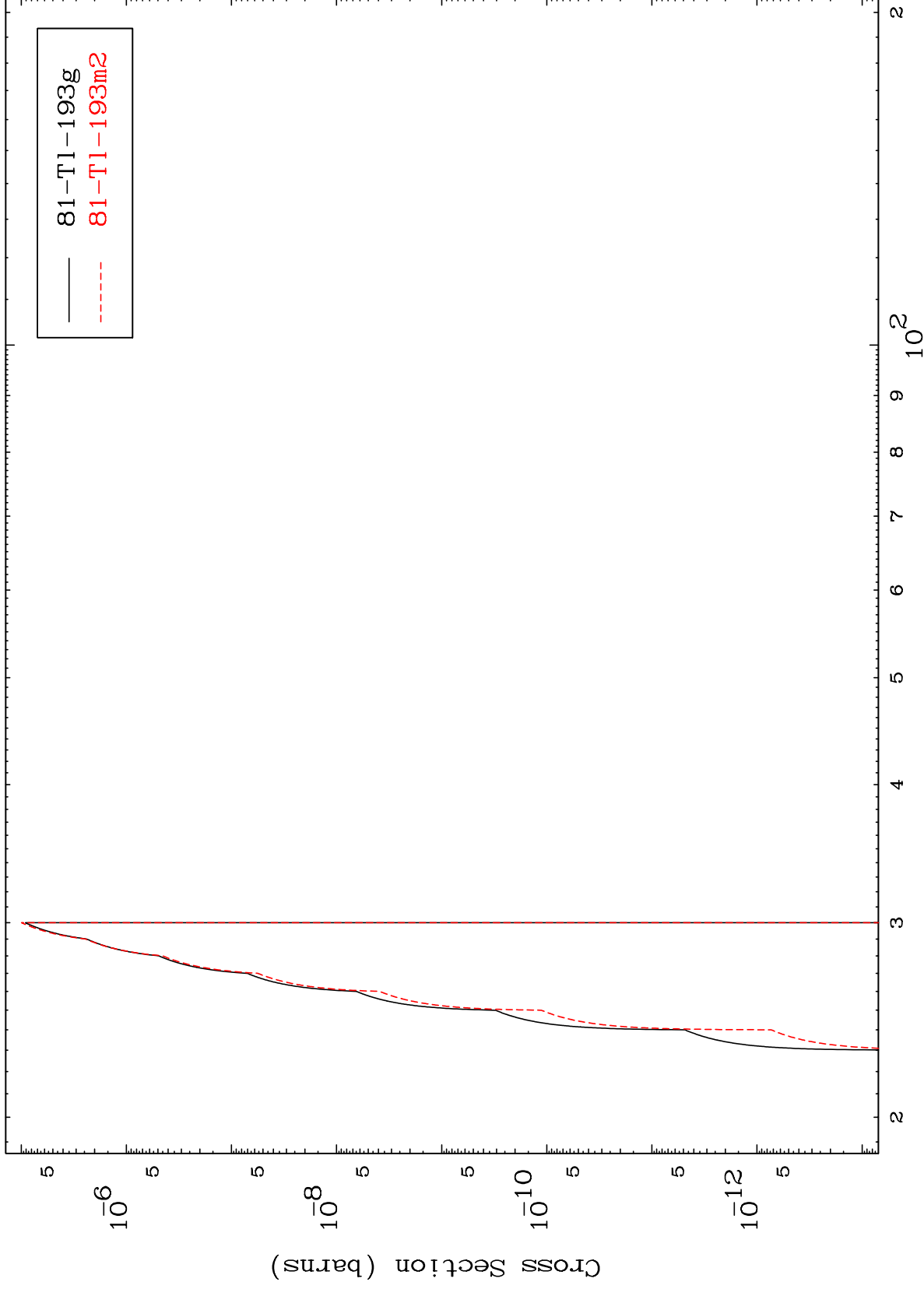
82-Pb-196

MAT 8201

(n,2n) d

82-Pb-196

Radionuclide Production Cross Section



71

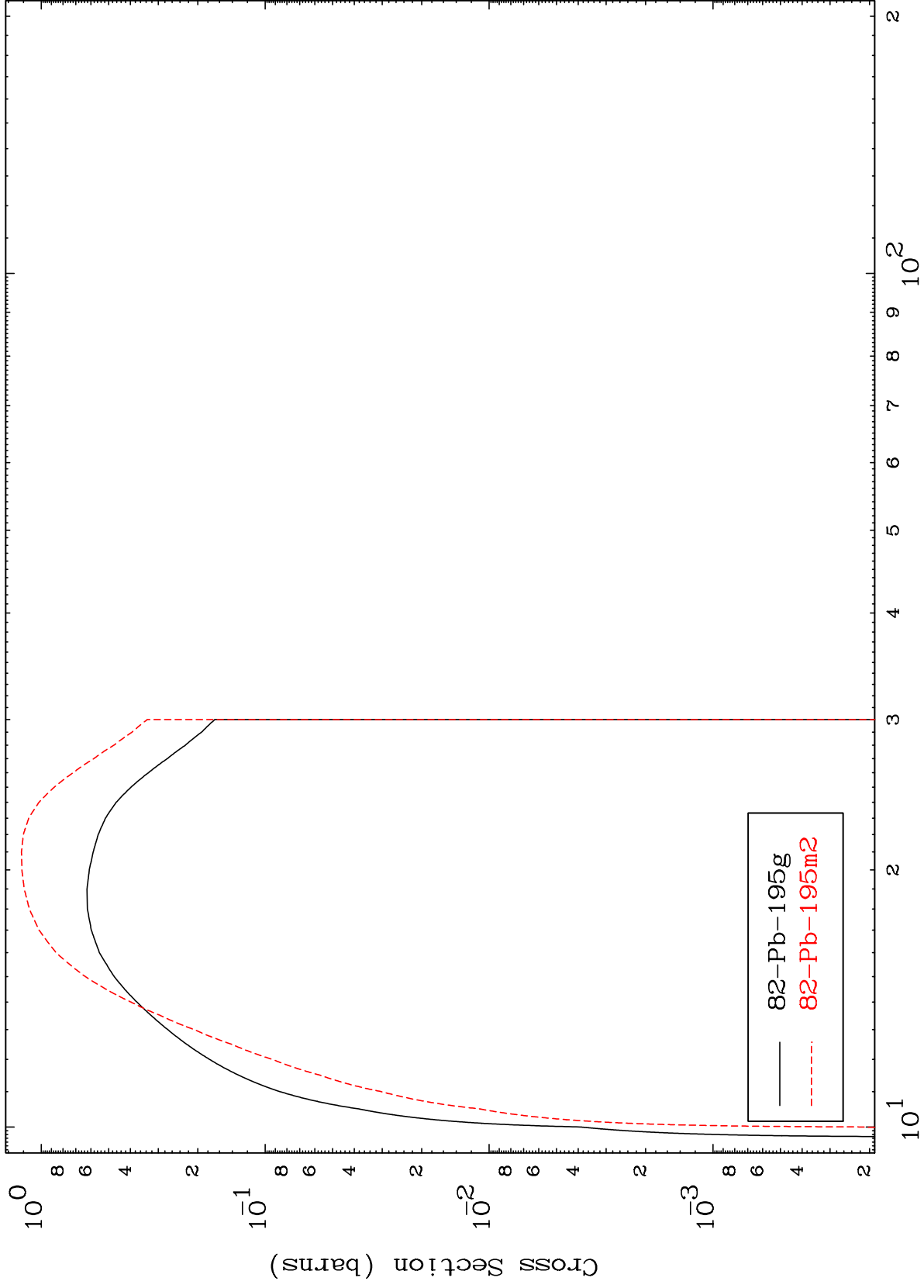
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,2n)
Radionuclide Production Cross Section



72

Incident Energy (MeV)

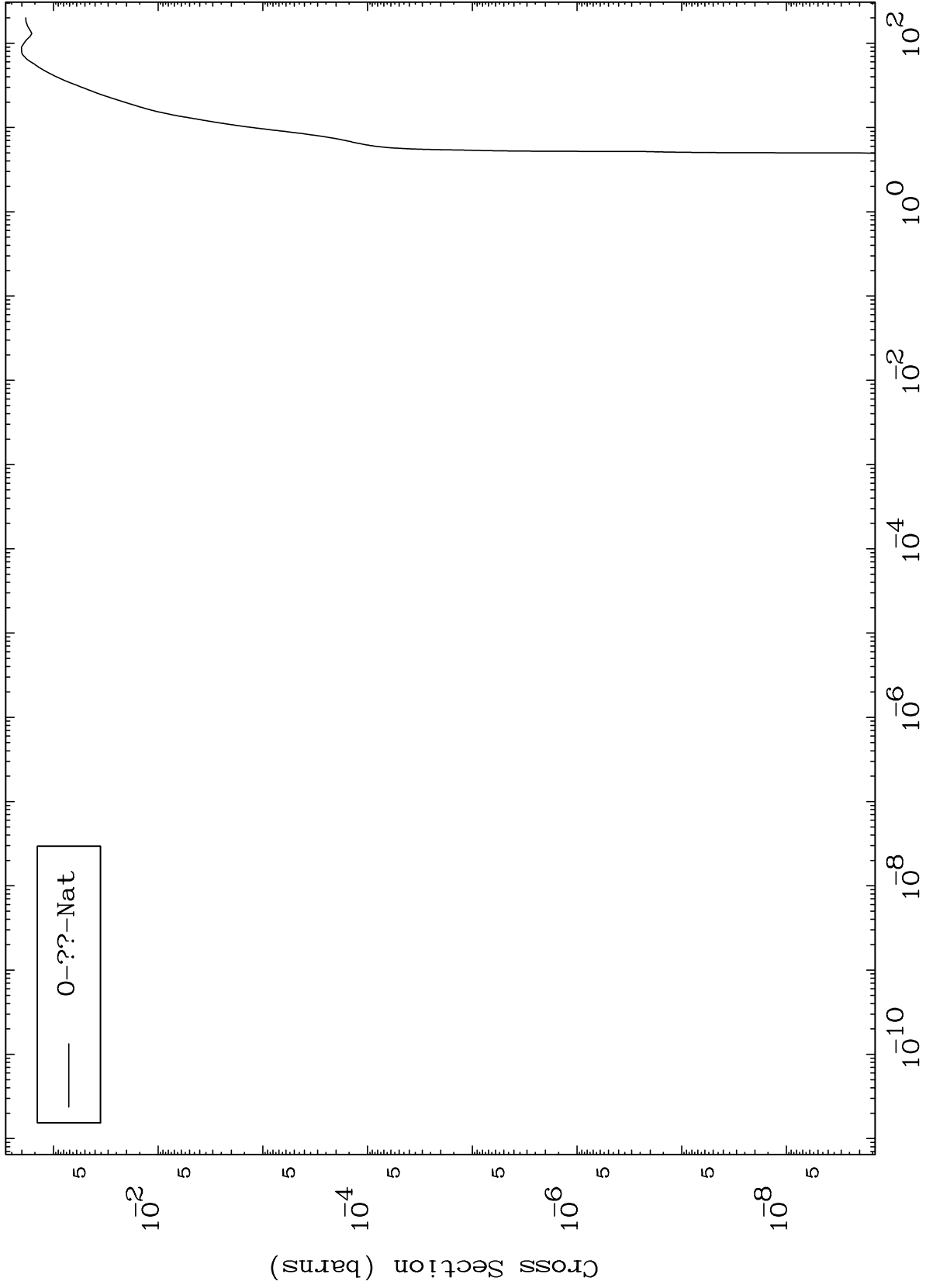
82-Pb-196

MAT 8201

Fission

82-Pb-196

Radionuclide Production Cross Section



73

Incident Energy (MeV)

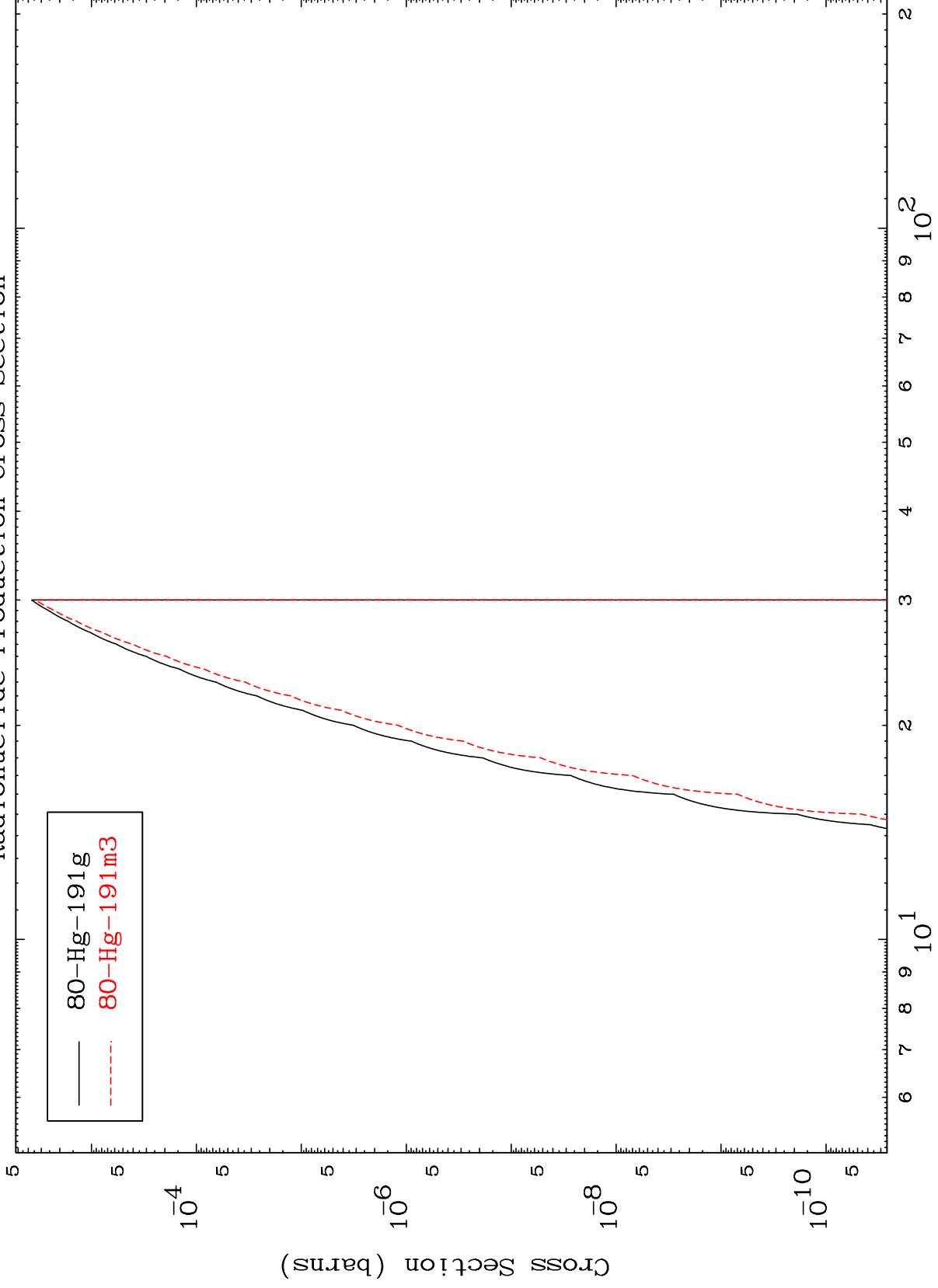
82-Pb-196

MAT 8201

(n,2n) α

82-Pb-196

Radionuclide Production Cross Section



74

Incident Energy (MeV)

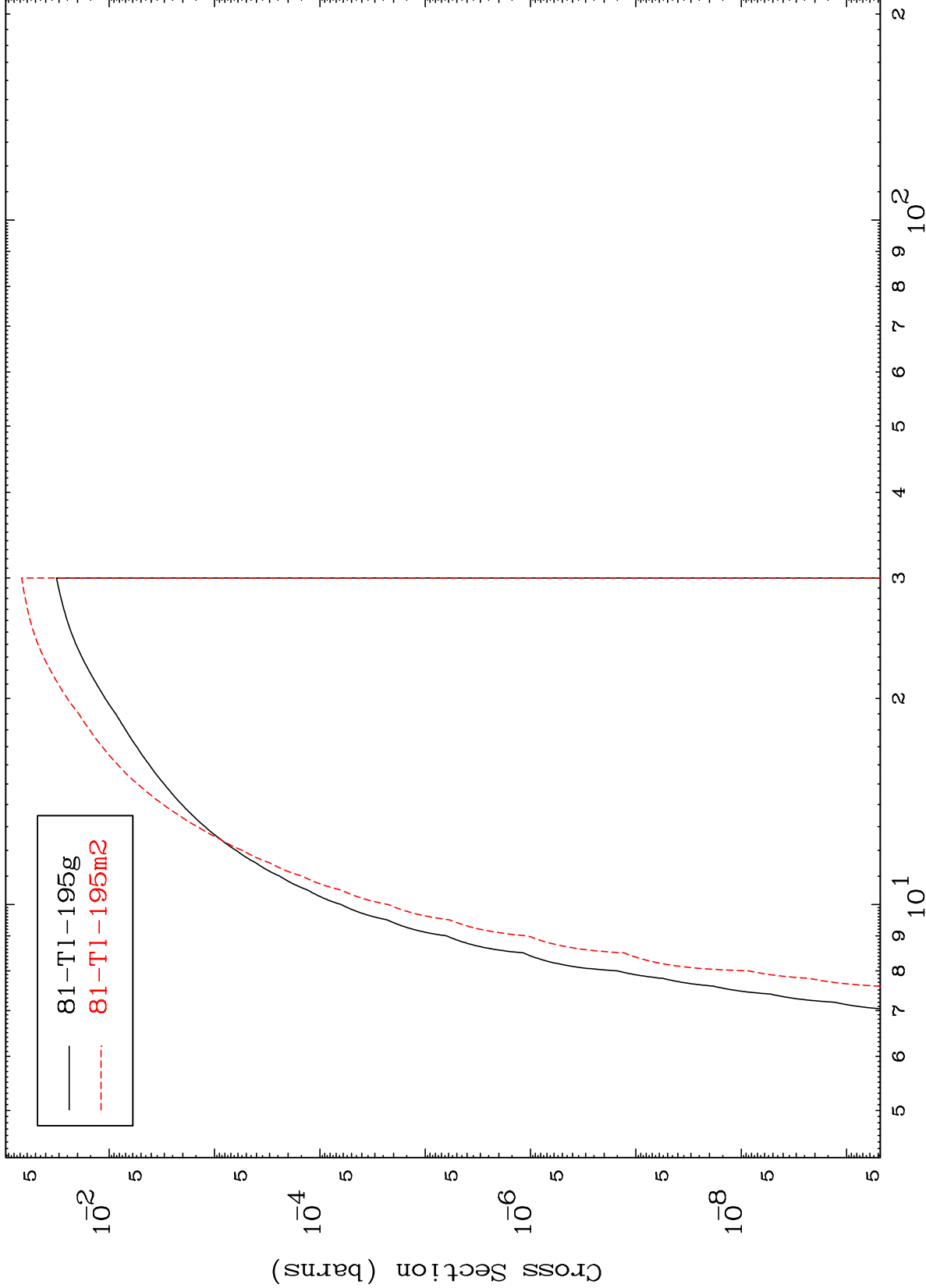
82-Pb-196

MAT 8201

(n,n') p

82-Pb-196

Radionuclide Production Cross Section



75

Incident Energy (MeV)

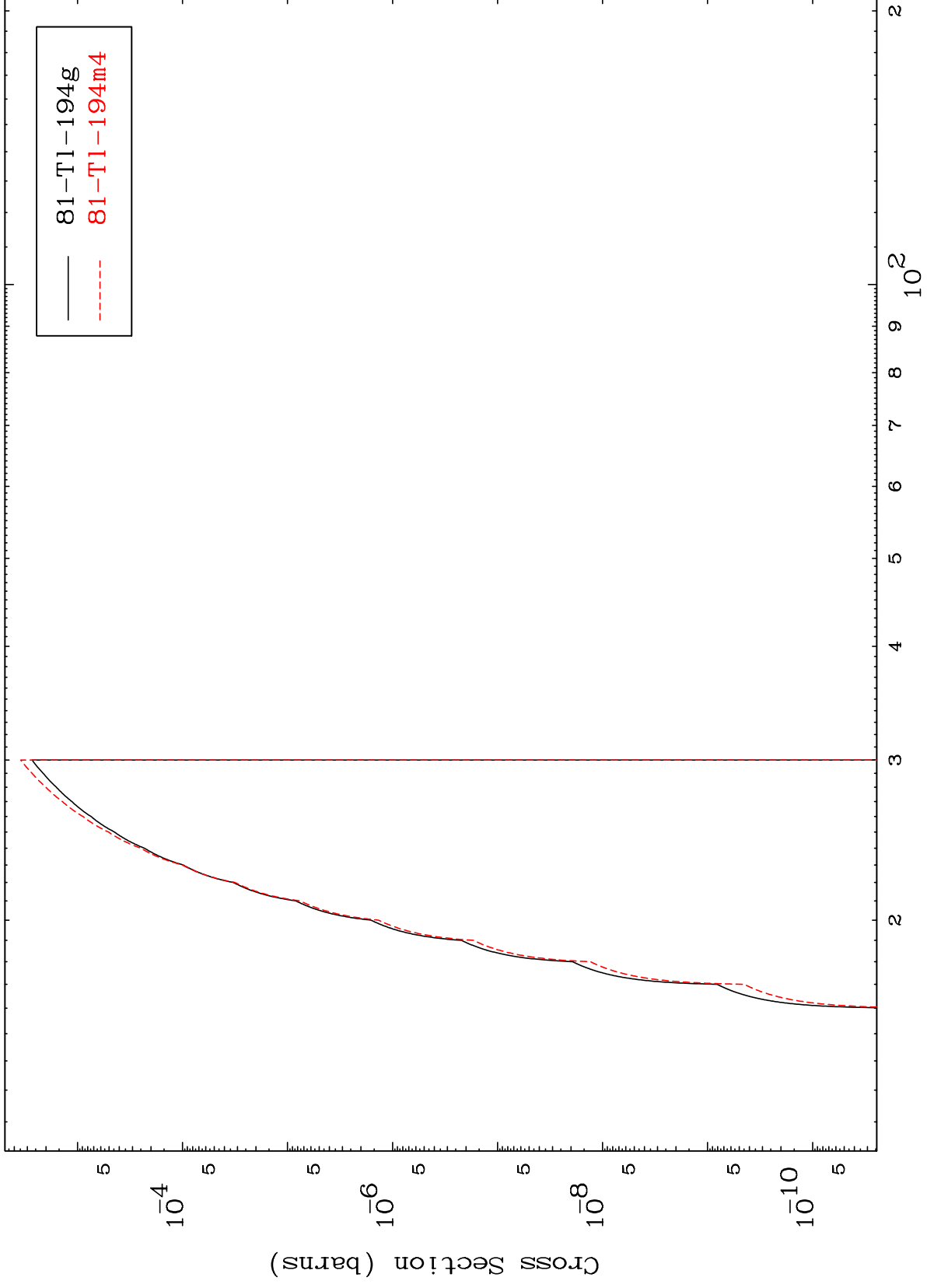
82-Pb-196

MAT 8201

(n,n') d

82-Pb-196

Radionuclide Production Cross Section



76

Incident Energy (MeV)

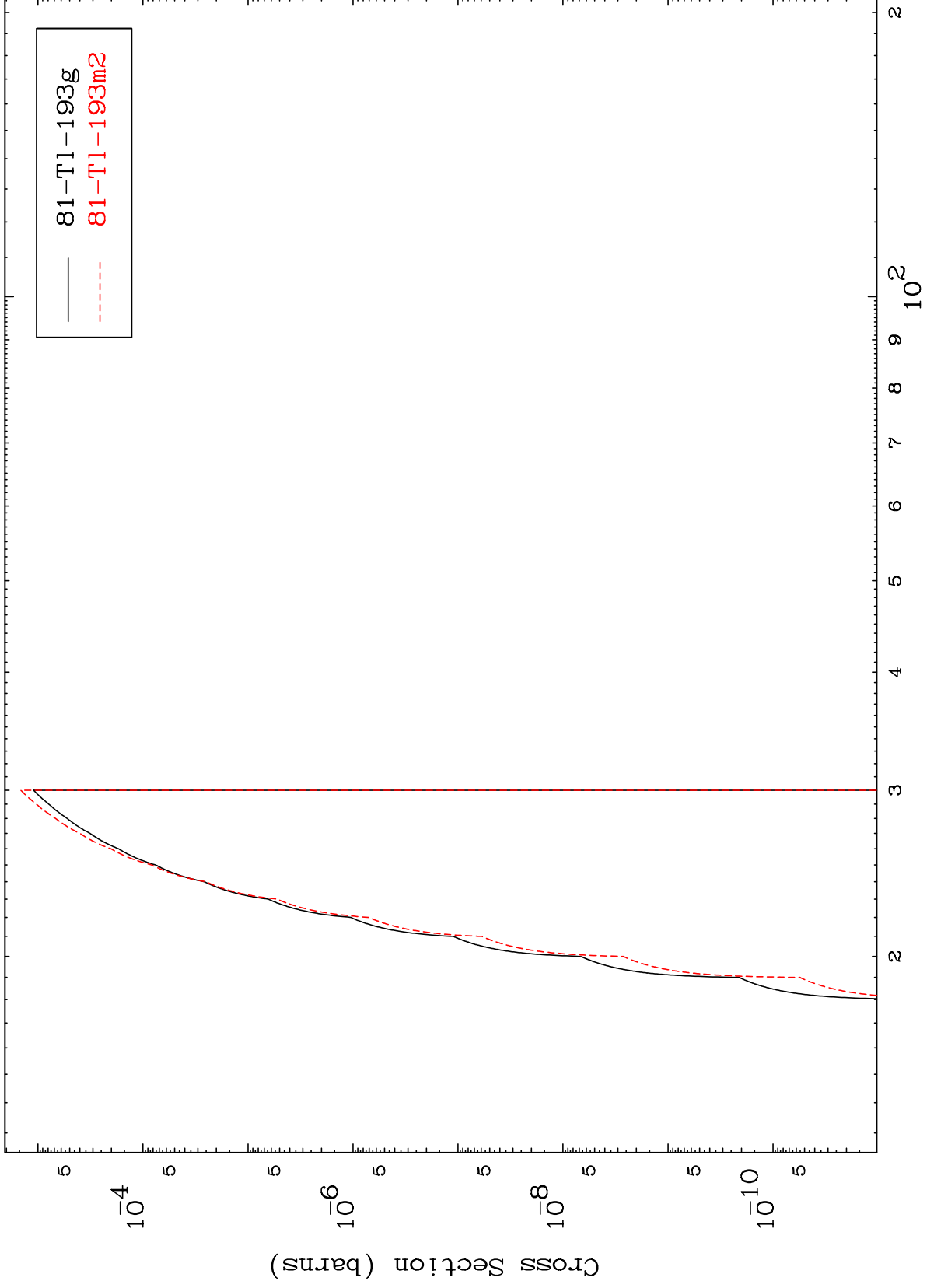
82-Pb-196

MAT 8201

(n,n') t

82-Pb-196

Radionuclide Production Cross Section



77

Incident Energy (MeV)

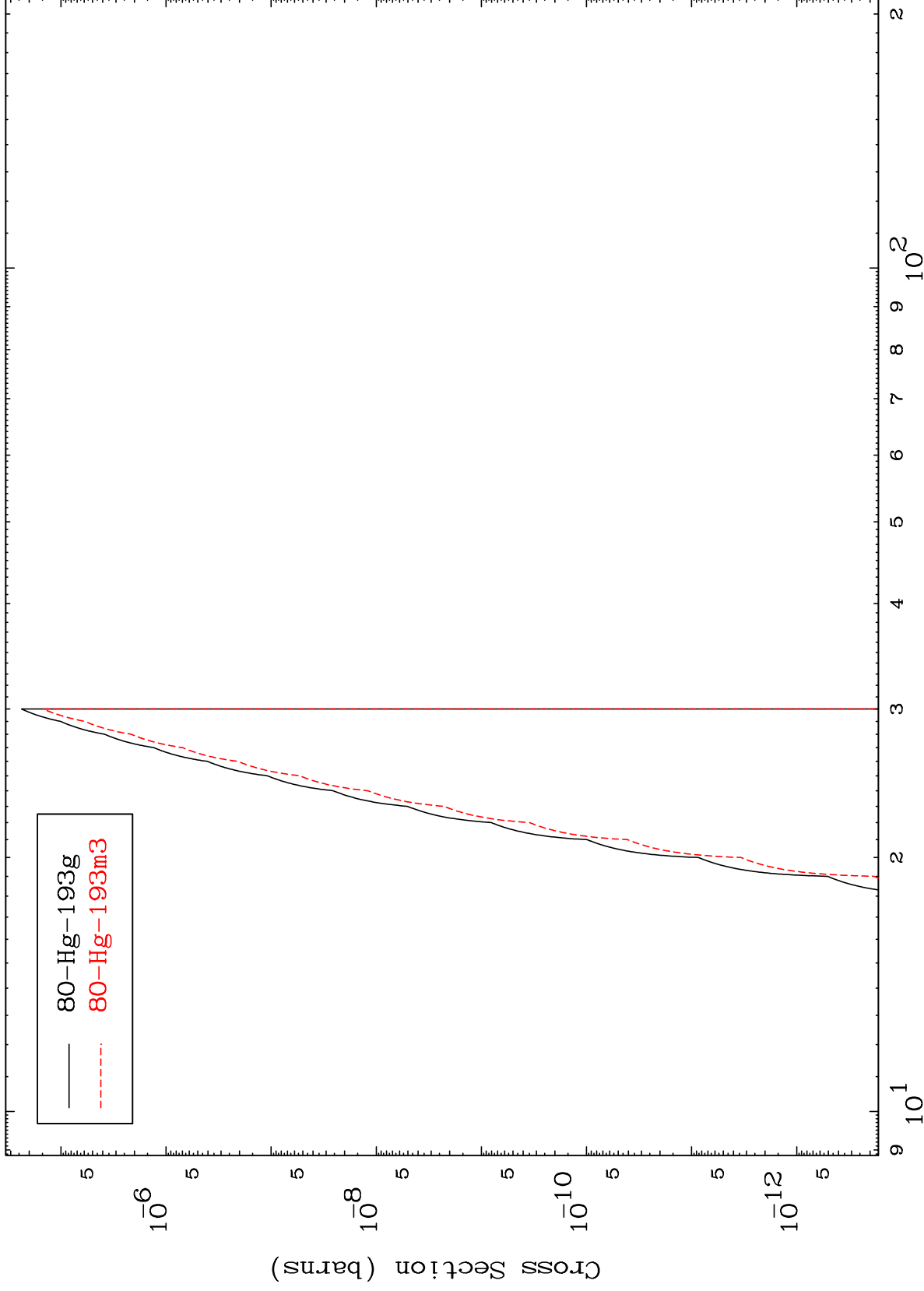
82-Pb-196

MAT 8201

(n,n') He-3

82-Pb-196

Radionuclide Production Cross Section

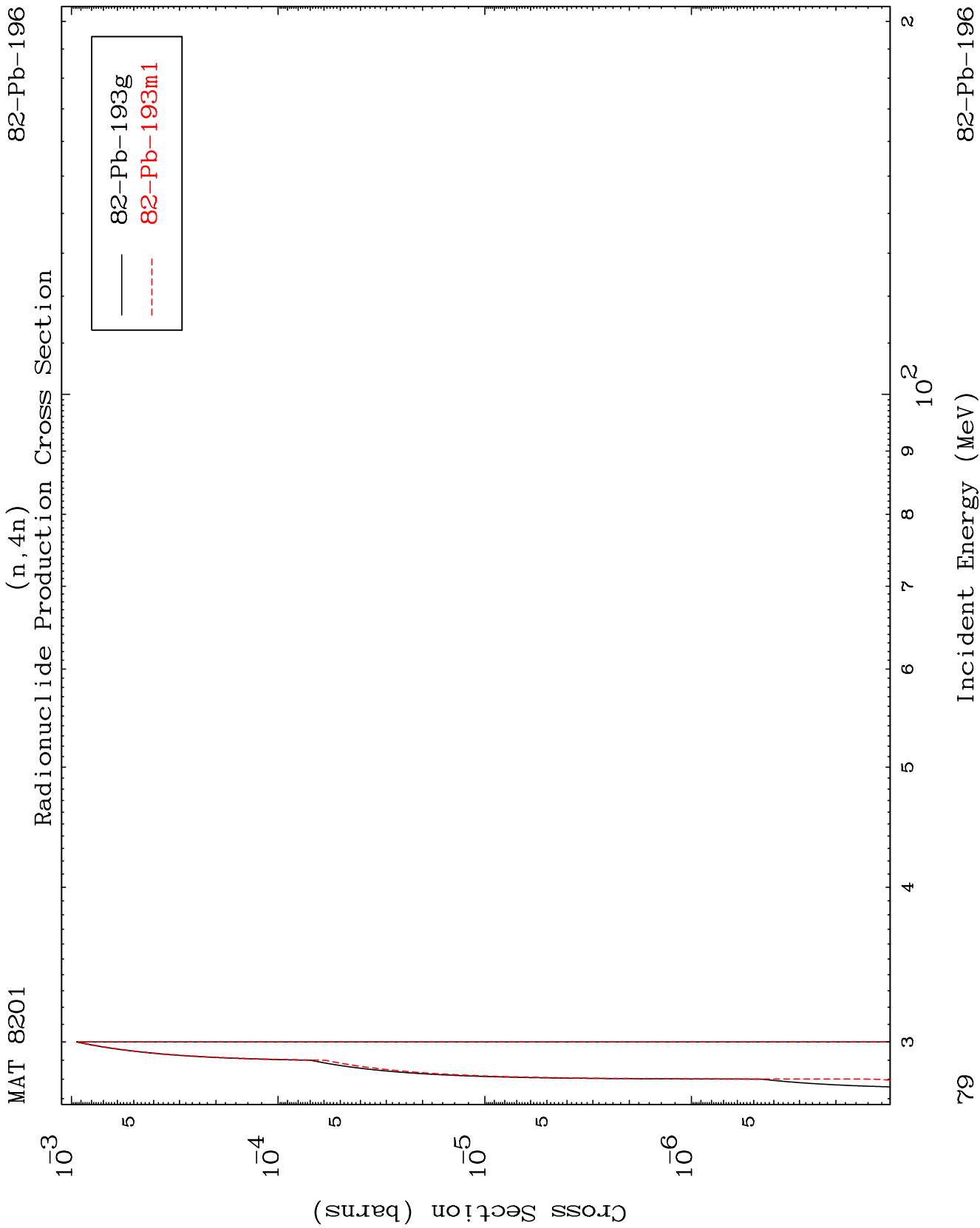


80-Hg-193g
80-Hg-193m3

78

Incident Energy (MeV)

82-Pb-196

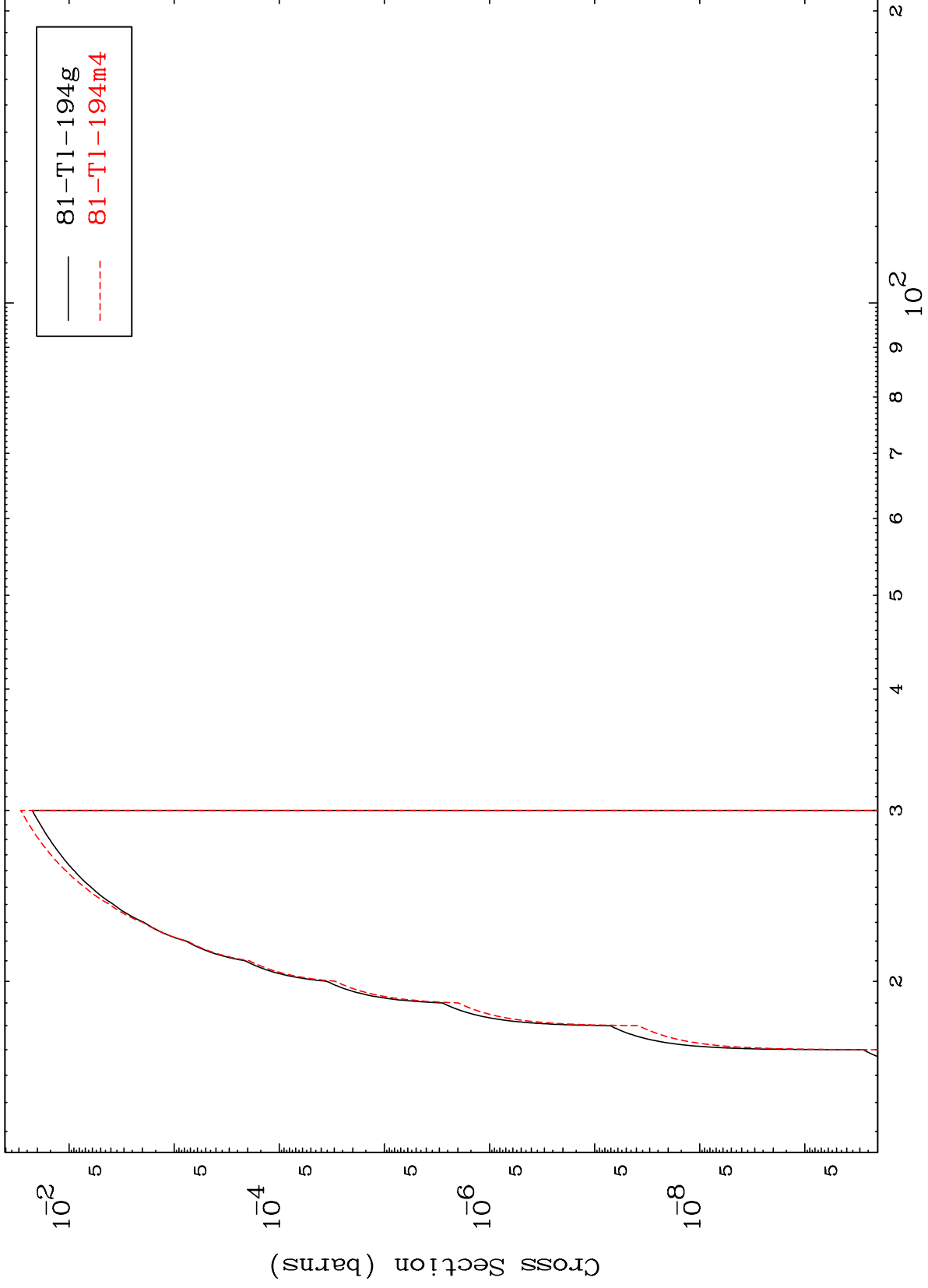


MAT 8201

(n,2n) p

82-Pb-196

Radionuclide Production Cross Section



80

Incident Energy (MeV)

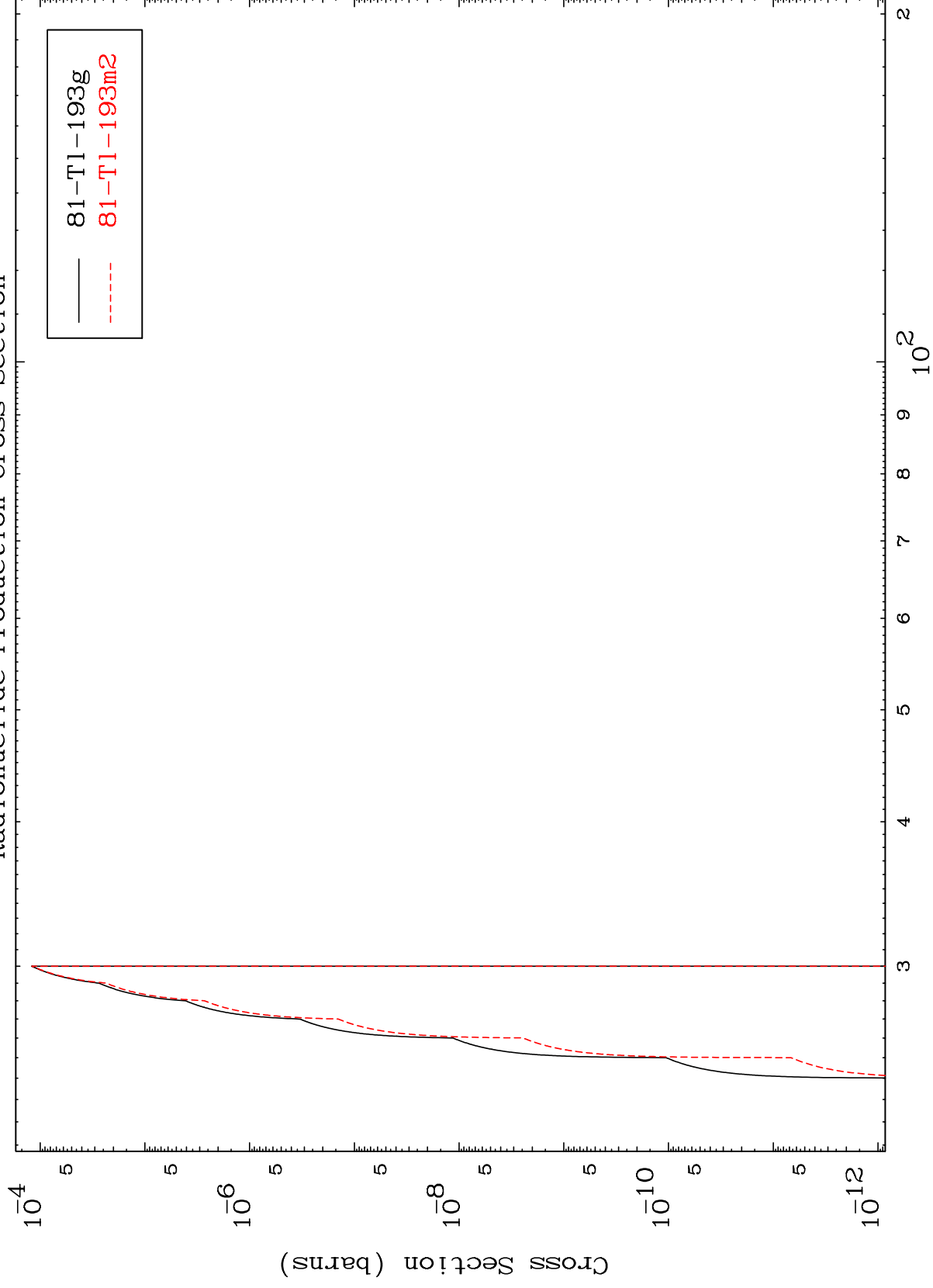
82-Pb-196

MAT 8201

(n,3n) p

82-Pb-196

Radionuclide Production Cross Section



81

Incident Energy (MeV)

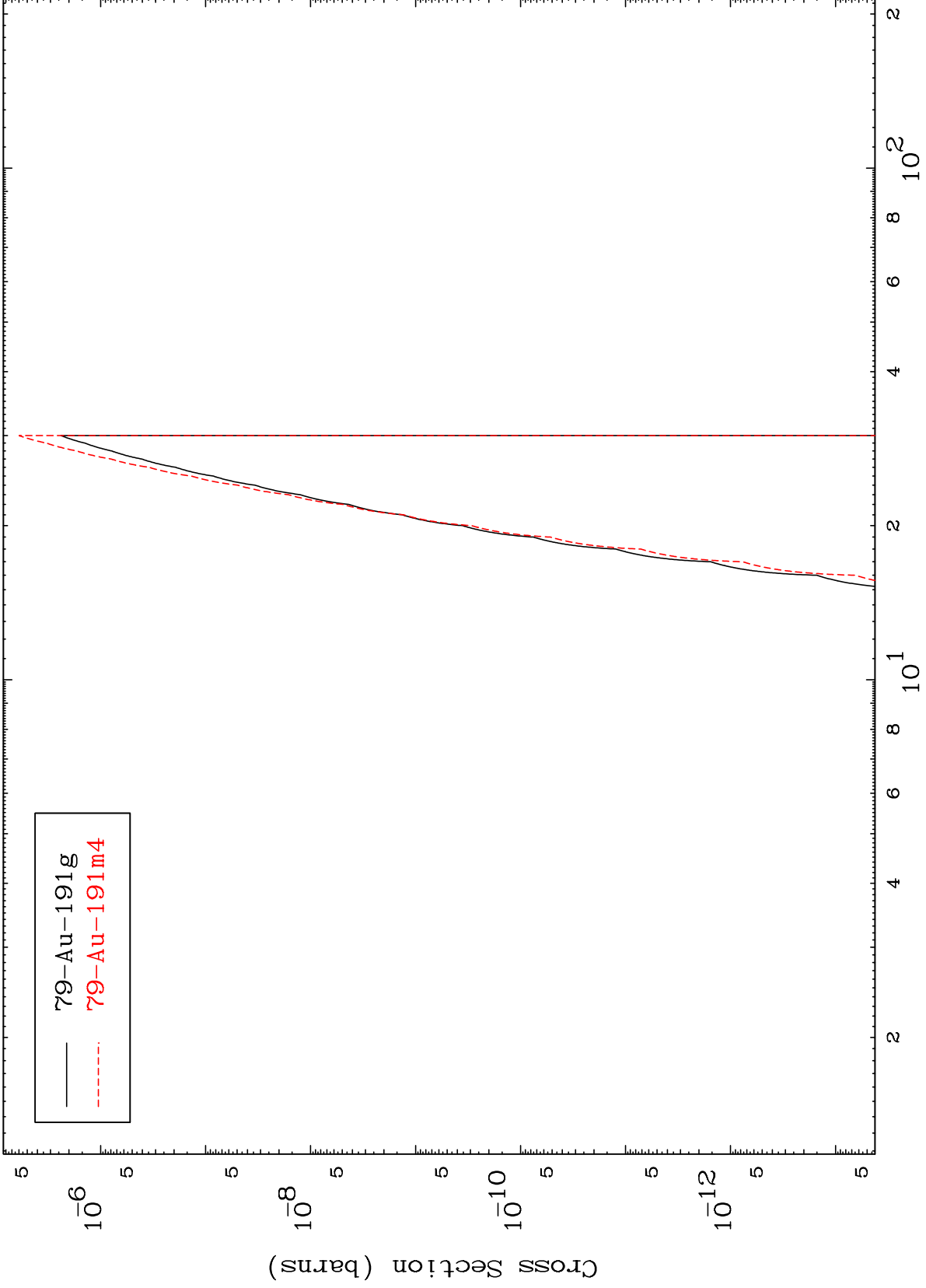
82-Pb-196

MAT 8201

(n,n') p α

82-Pb-196

Radionuclide Production Cross Section



82

Incident Energy (MeV)

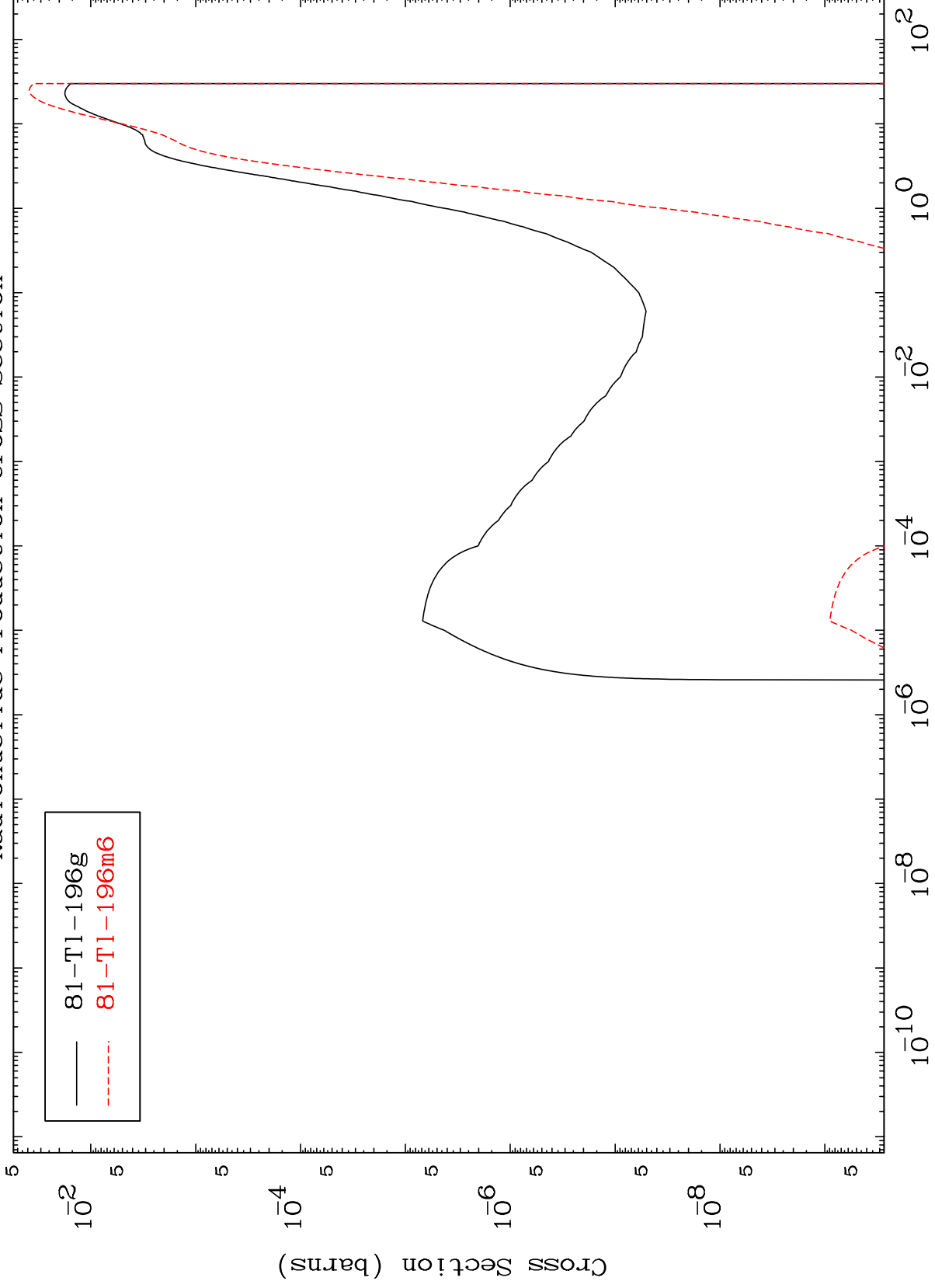
82-Pb-196

MAT 8201

(n,p)

82-Pb-196

Radionuclide Production Cross Section



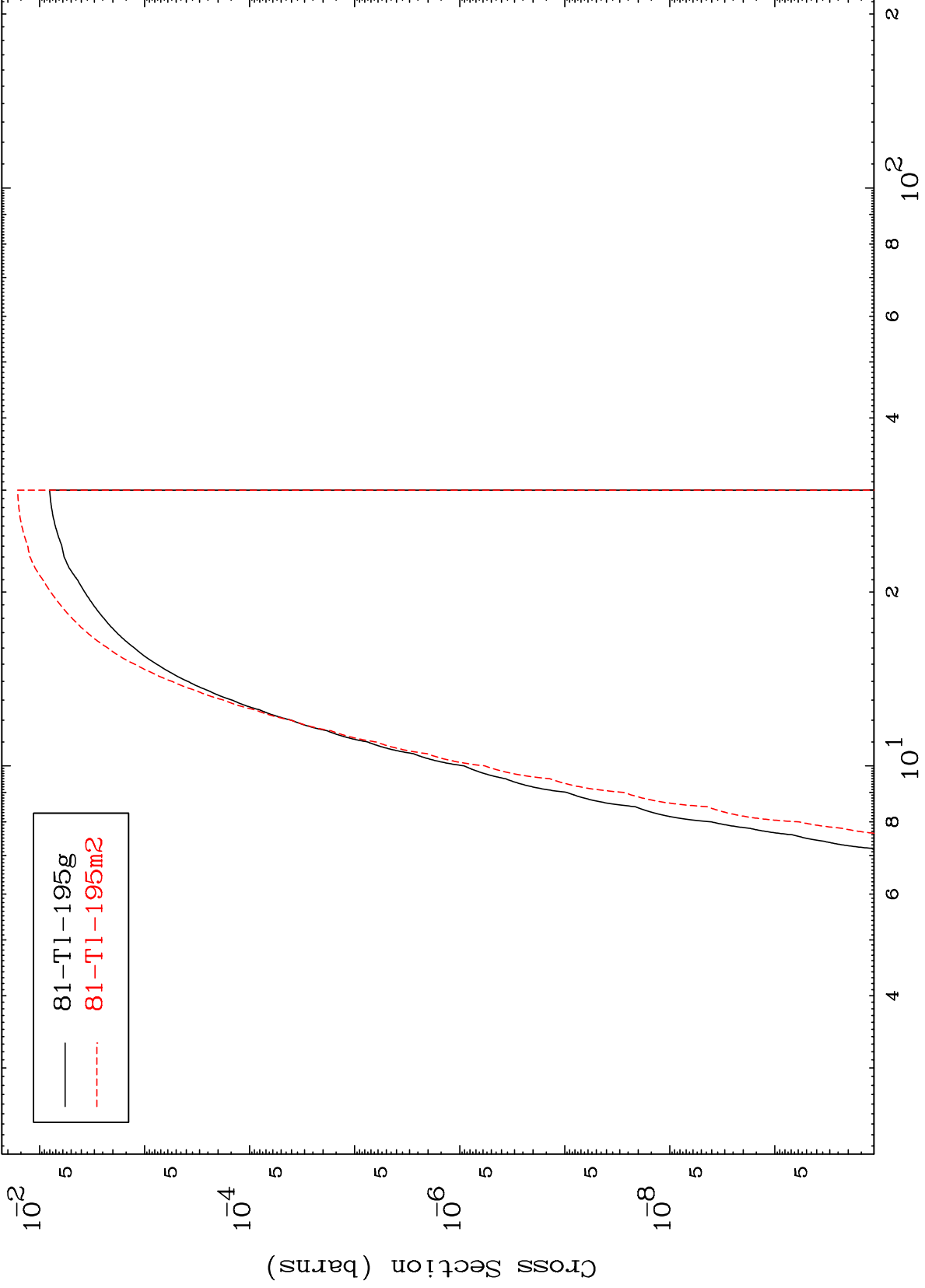
81-Tl-196g
81-Tl-196m6

MAT 8201

(n,d)

82-Pb-196

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

85

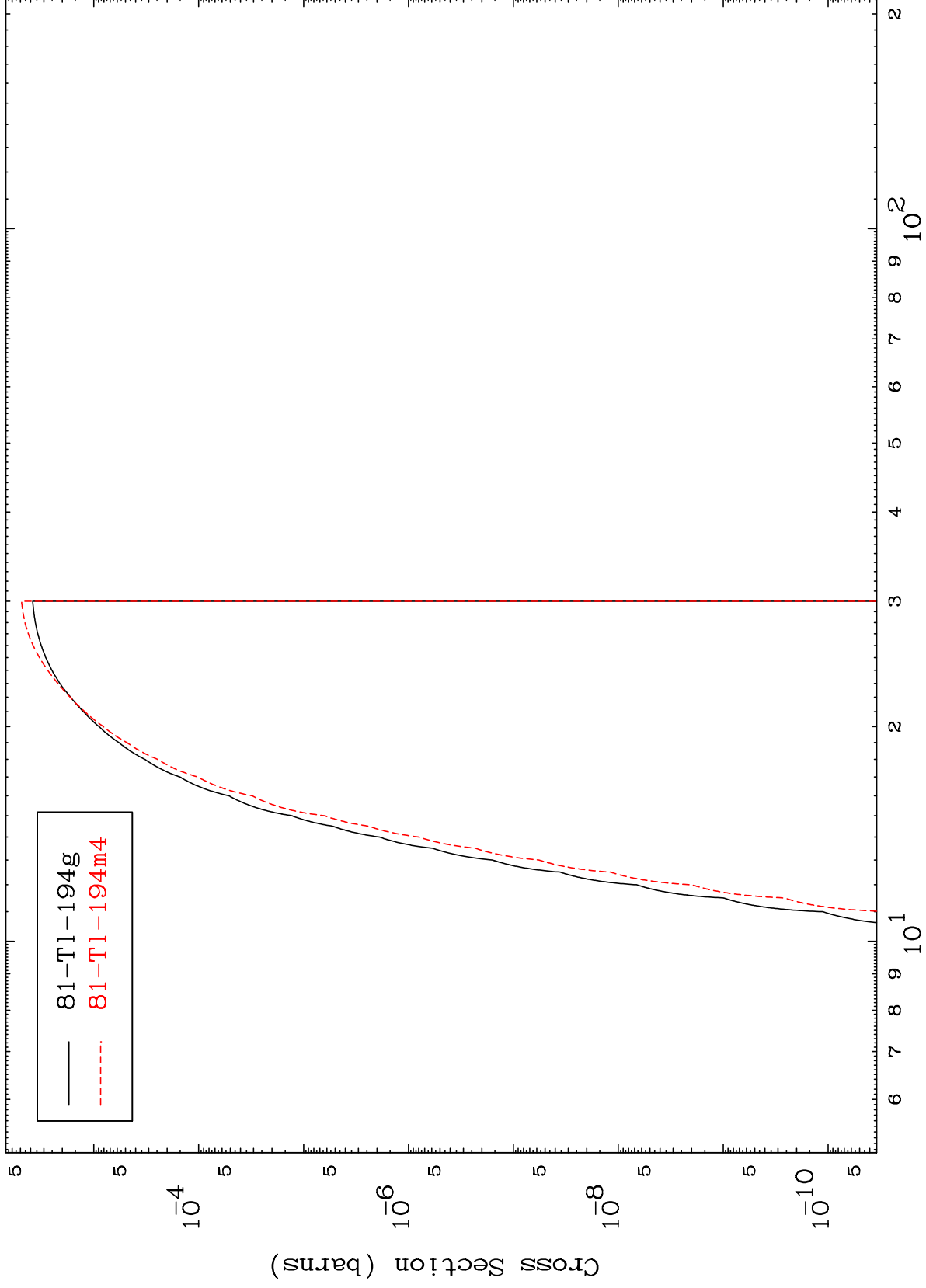
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n, t)
Radionuclide Production Cross Section



86

Incident Energy (MeV)

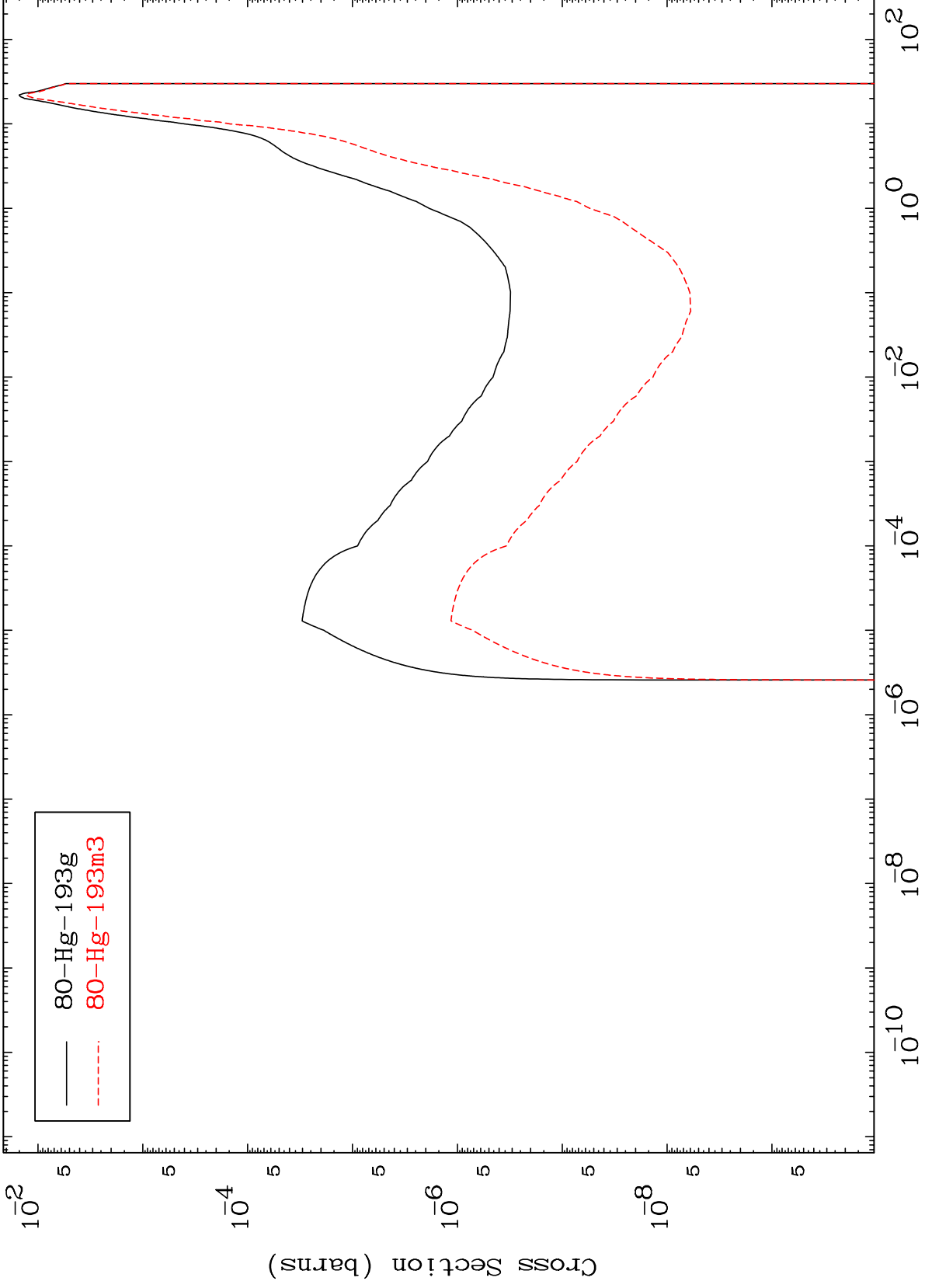
82-Pb-196

MAT 8201

(n, α)

82-Pb-196

Radionuclide Production Cross Section

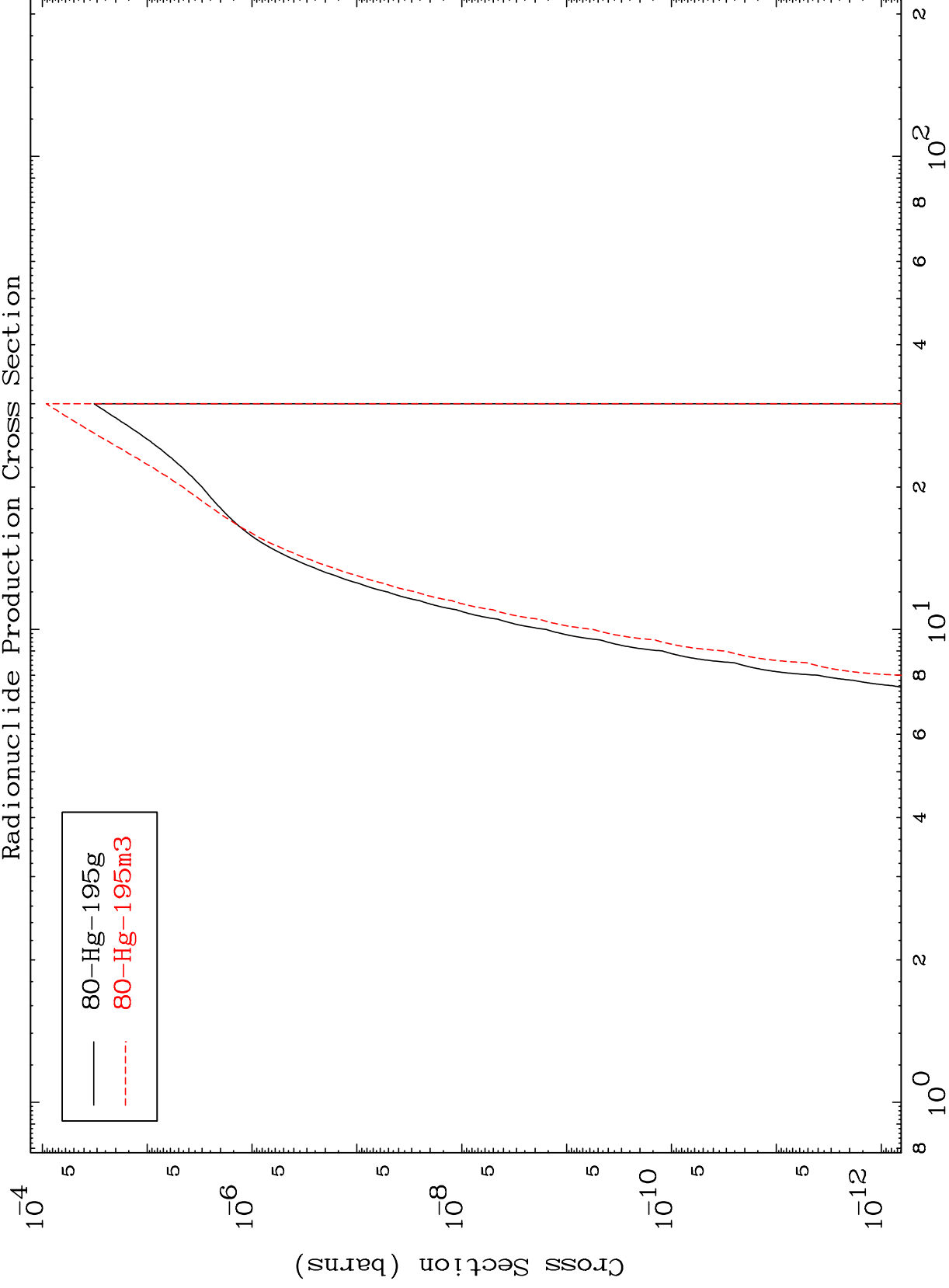


80-Hg-193g
80-Hg-193m3

MAT 8201

82-Pb-196

(n,2p)
Radionuclide Production Cross Section



88

Incident Energy (MeV)

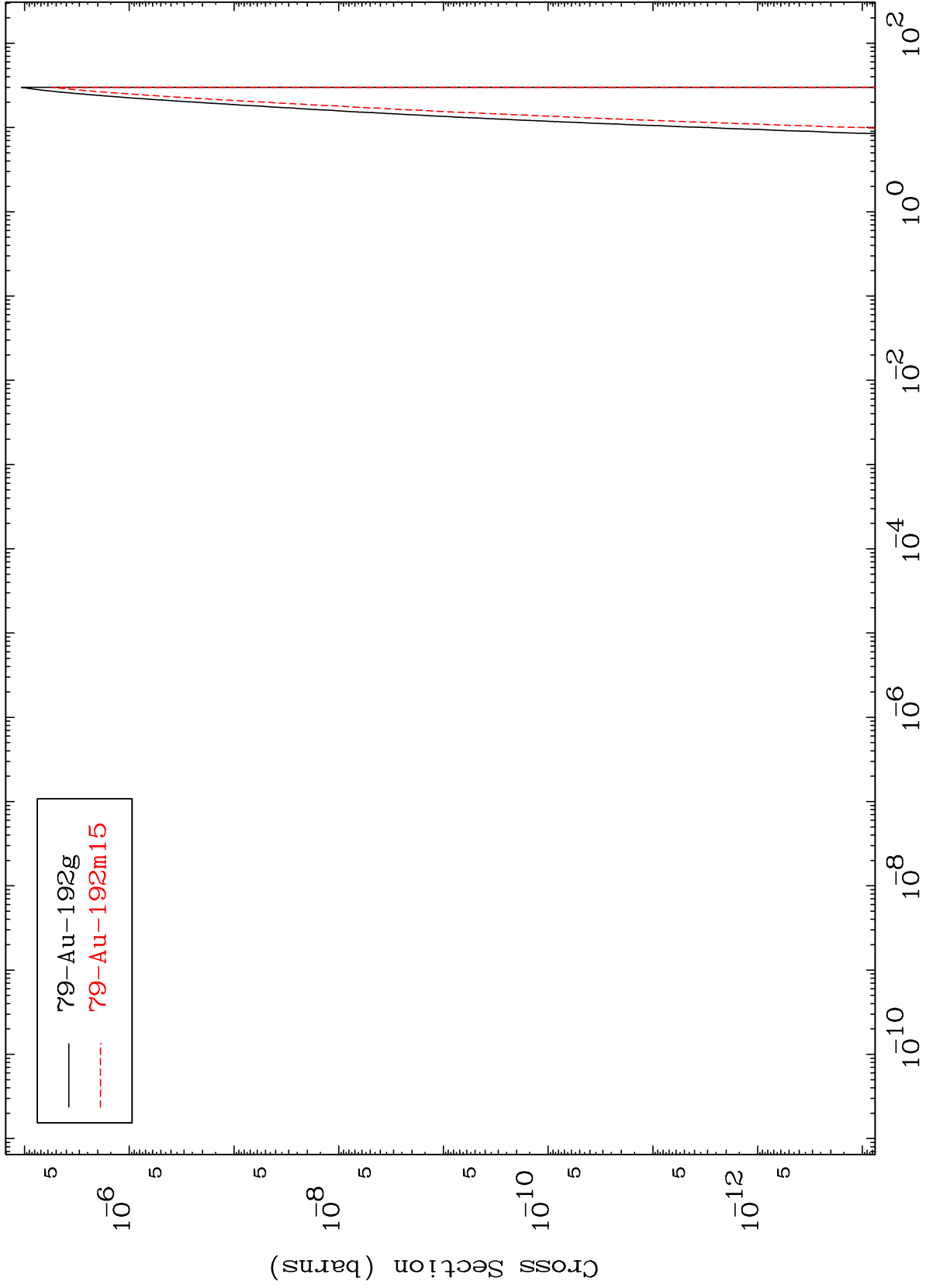
82-Pb-196

MAT 8201

(n,p) α

82-Pb-196

Radionuclide Production Cross Section



89

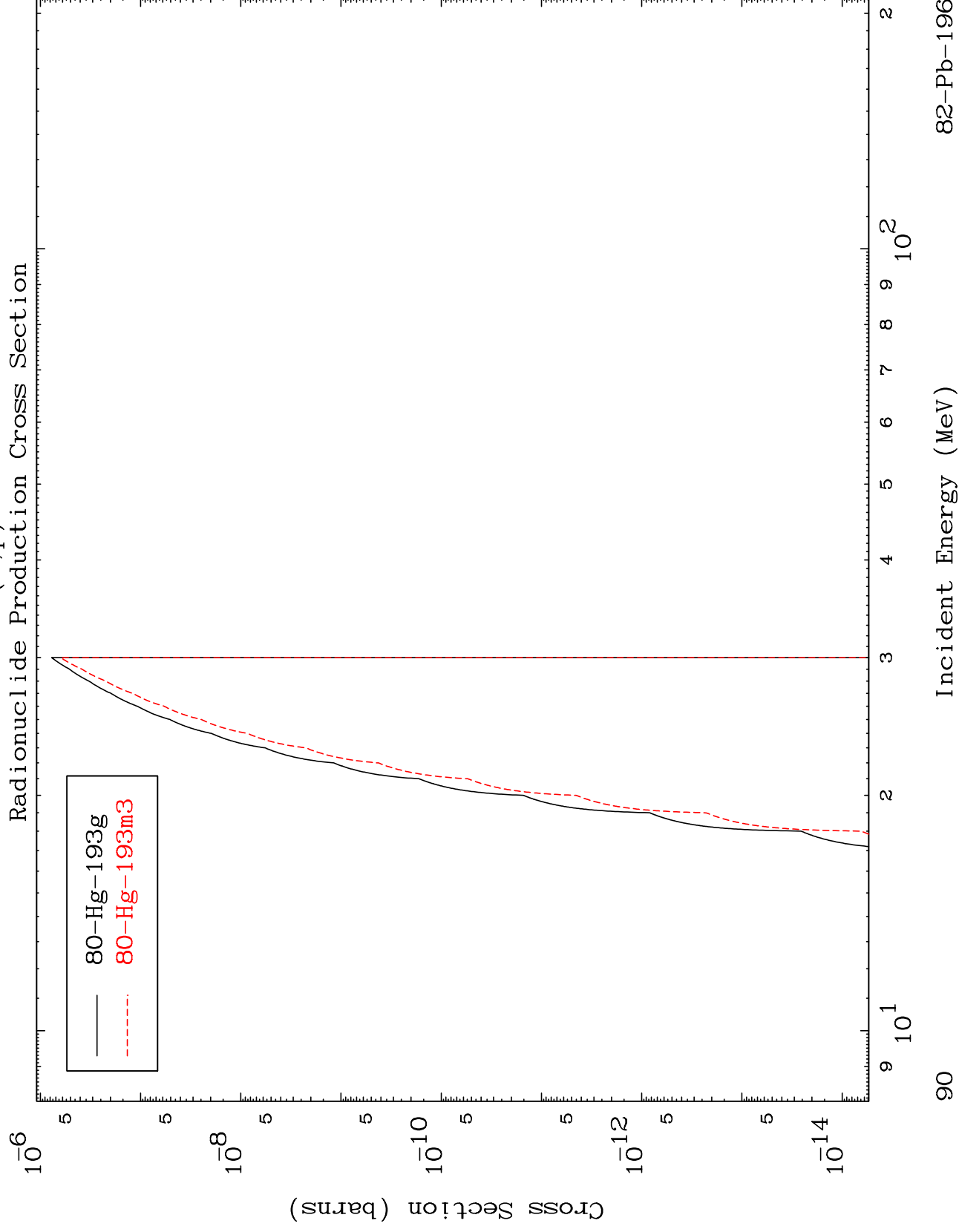
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,p) t

82-Pb-196



90

Incident Energy (MeV)

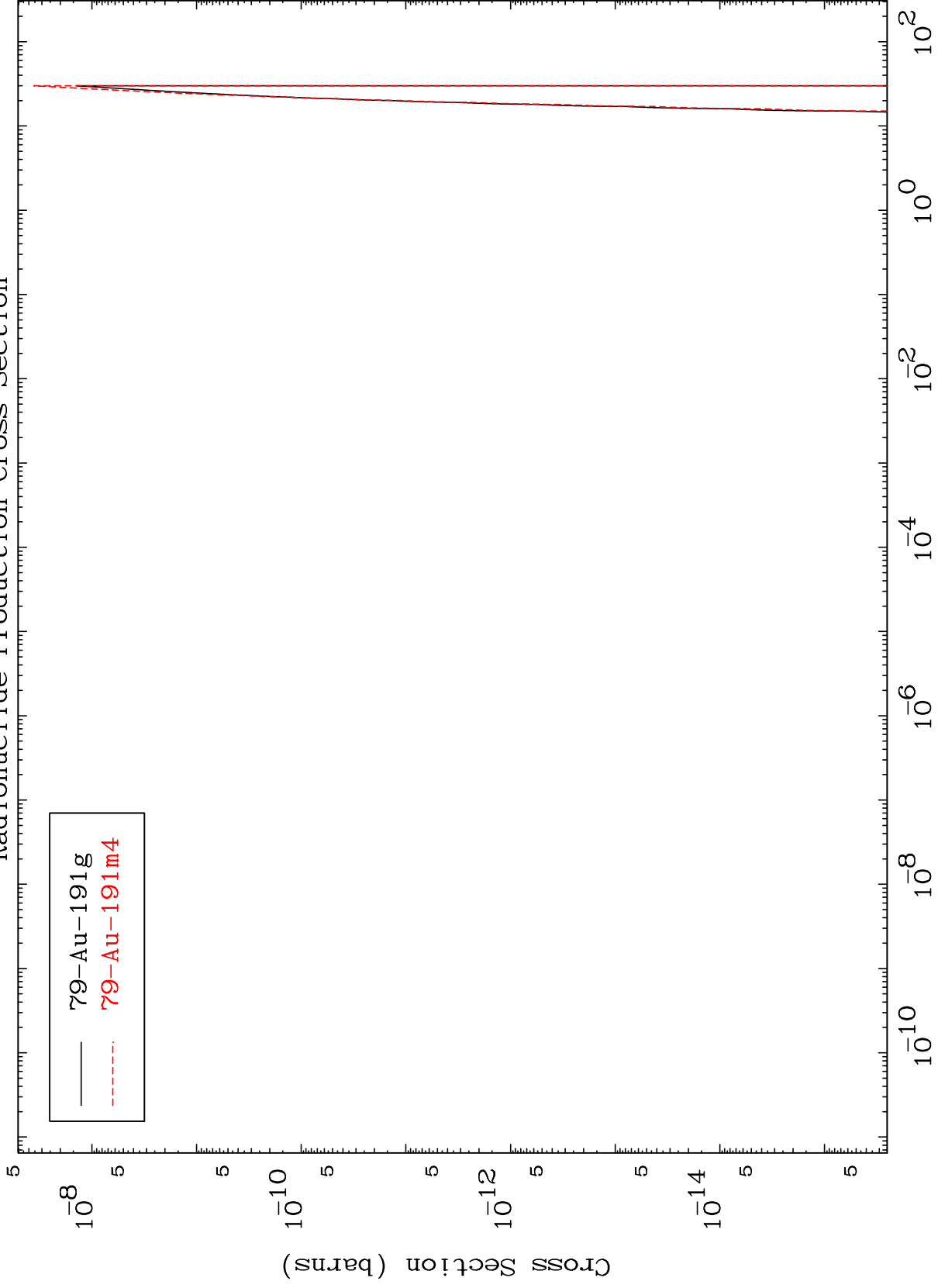
82-Pb-196

MAT 8201

(n,d) α

82-Pb-196

Radionuclide Production Cross Section



— ^{191}gAu
- - - $^{191}\text{m4Au}$