

Program EVALPLOT
(Version 2021-1)

by

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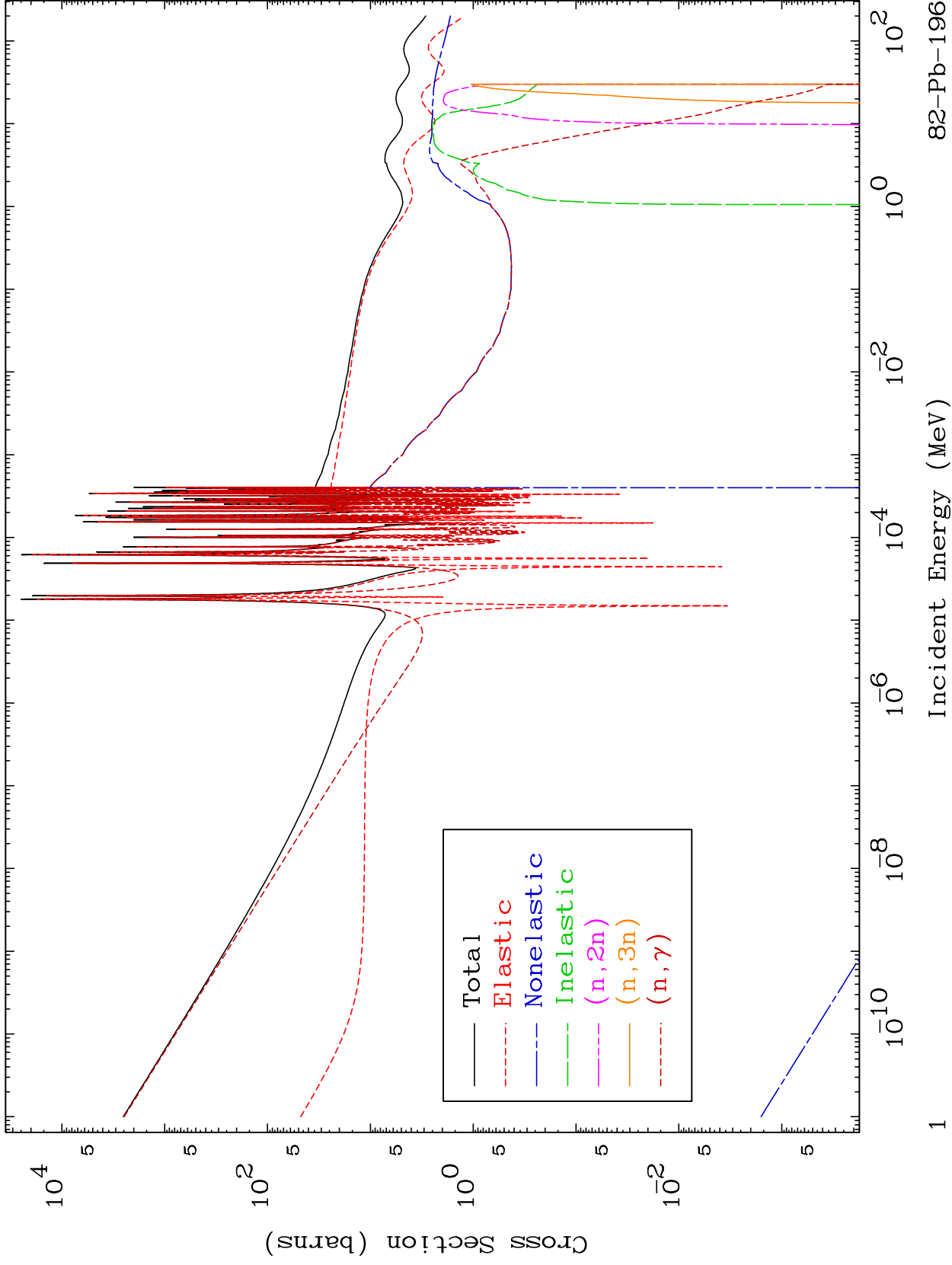
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8201

Neutron Major
293 Kelvin Cross Sections

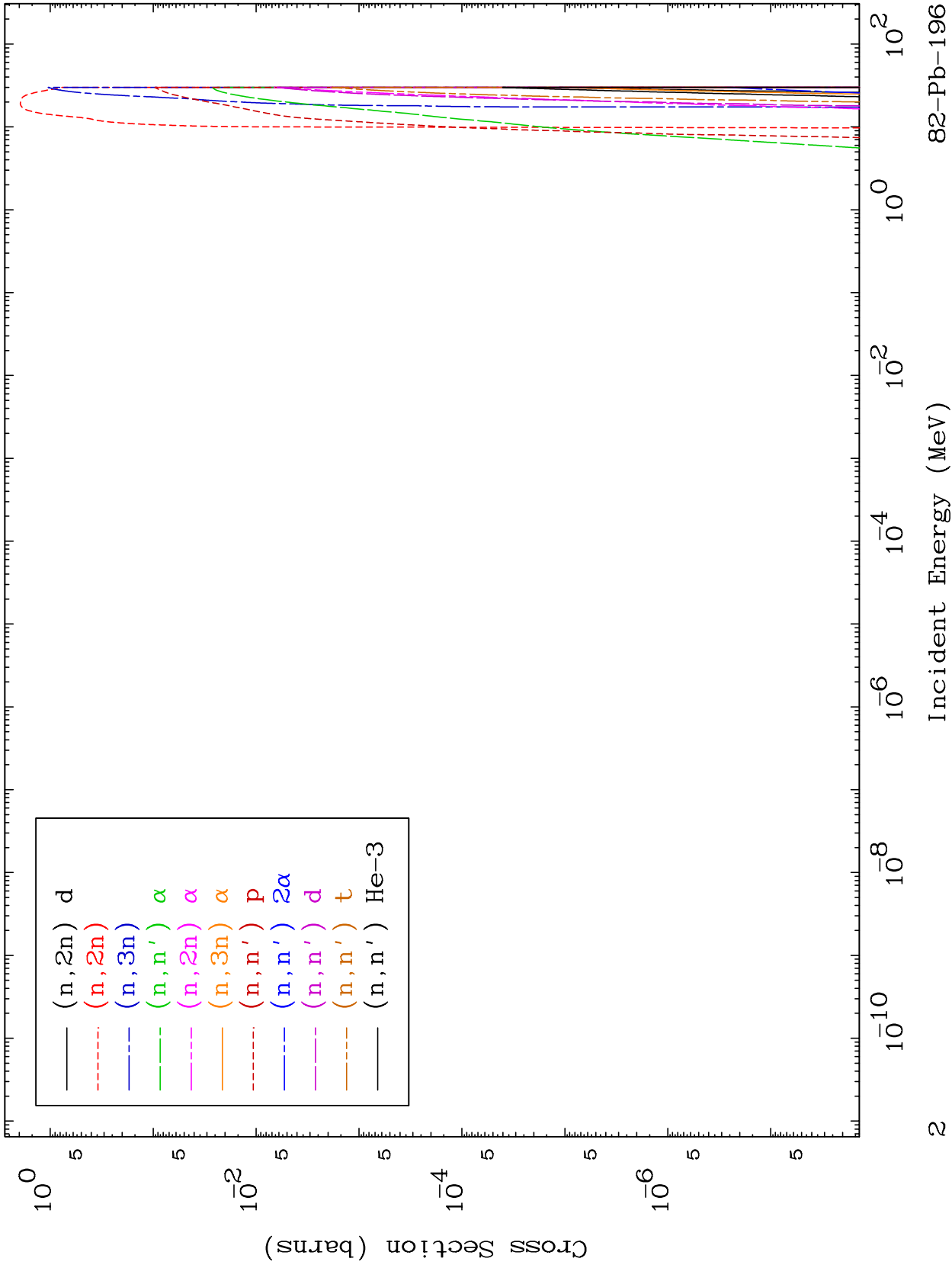
82-Pb-196



MAT 8201

Neutron Absorption
293 Kelvin Cross Sections

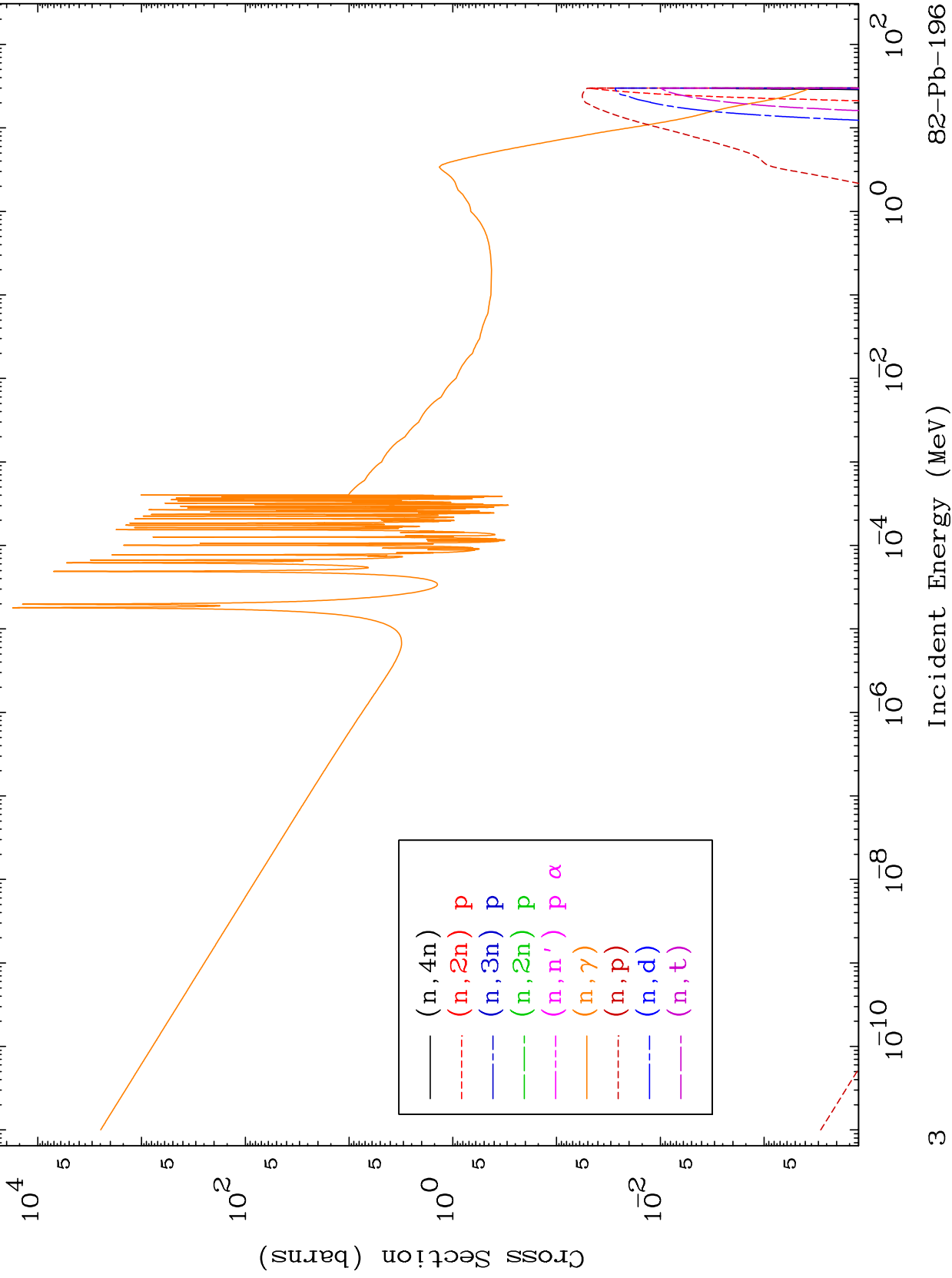
82-Pb-196



MAT 8201

Neutron Absorption
293 Kelvin Cross Sections

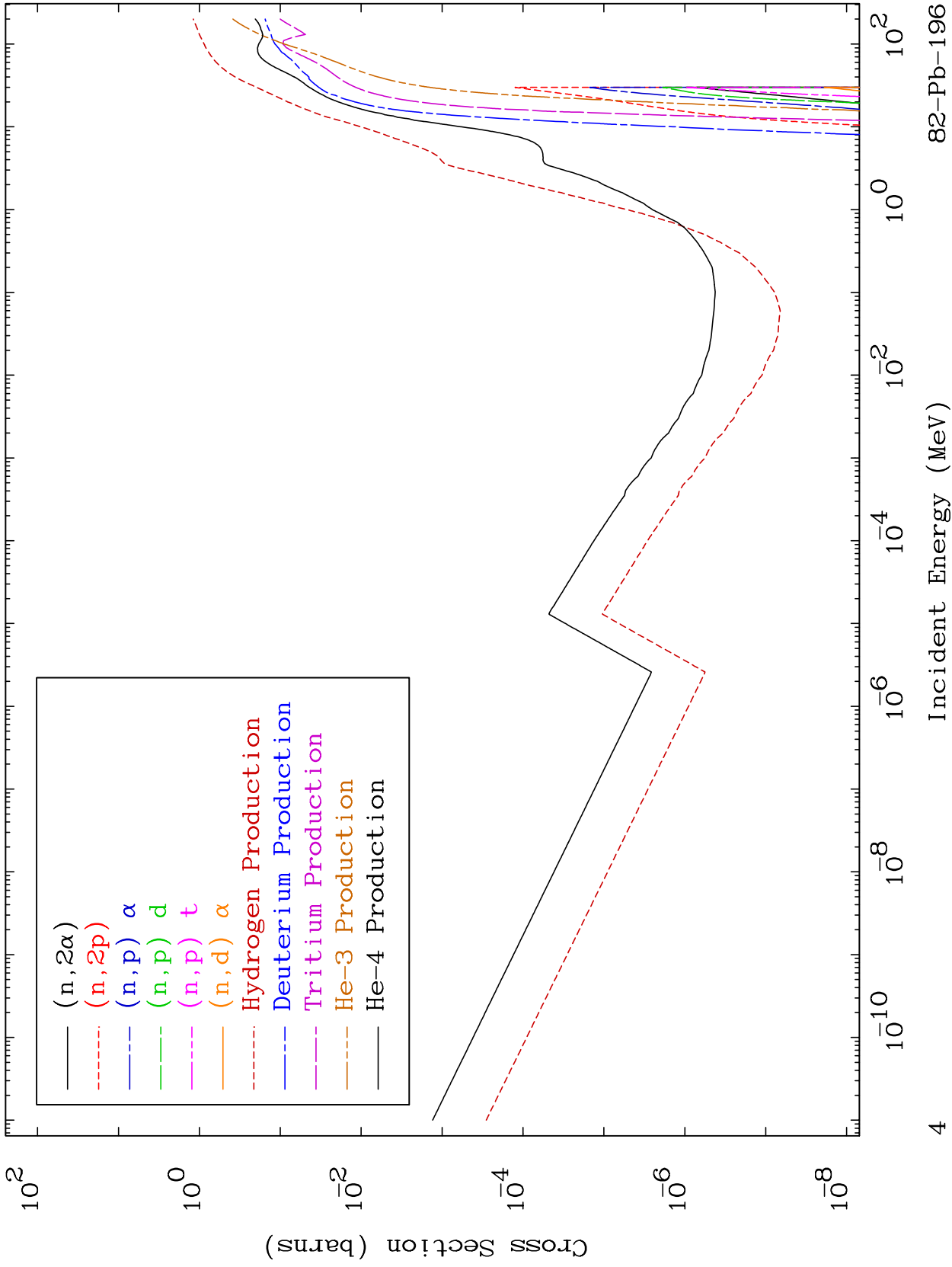
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MAT 8201

Neutron Absorption
293 Kelvin Cross Sections

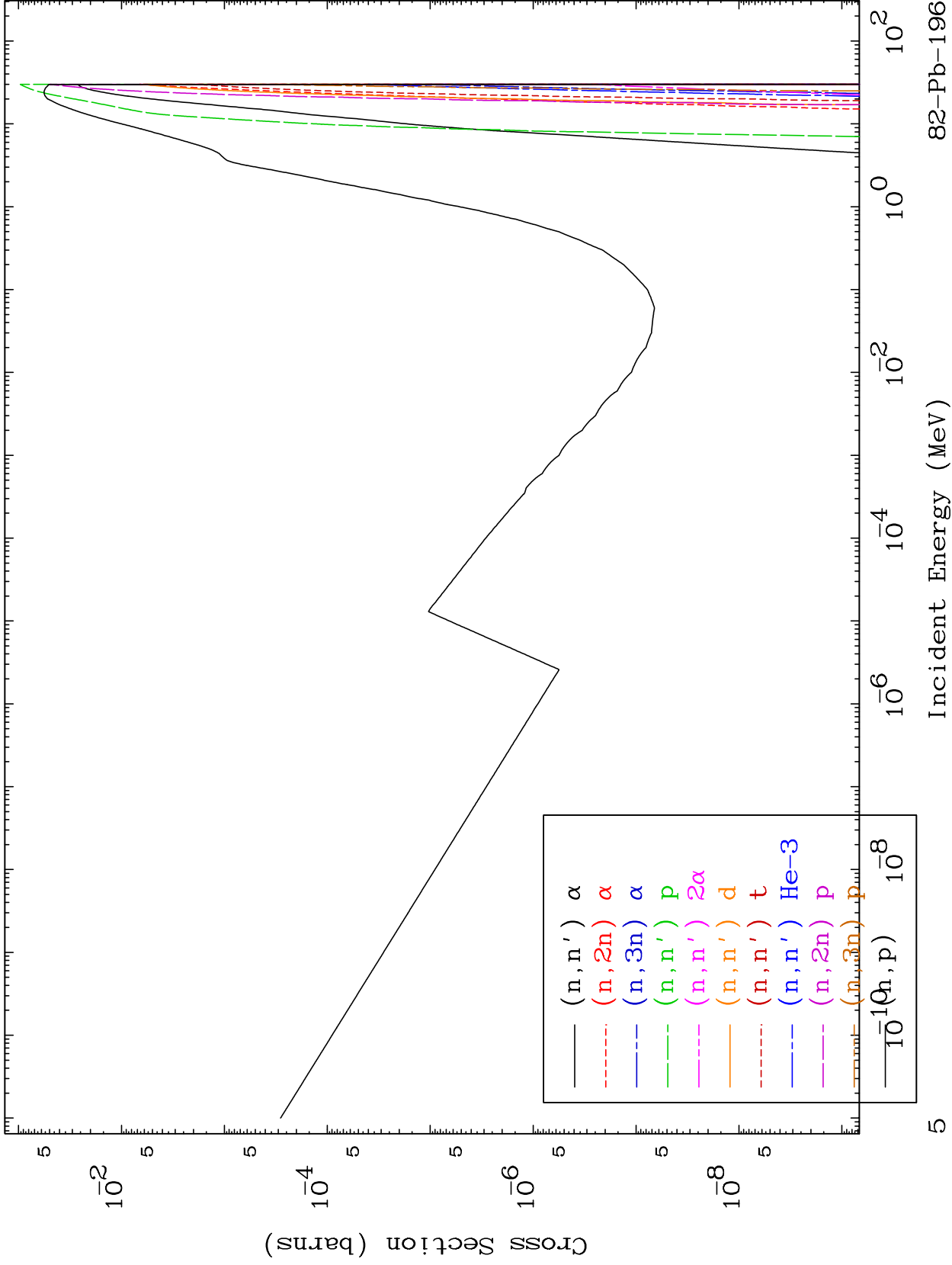
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MAT 8201

Charged Particle
293 Kelvin Cross Sections

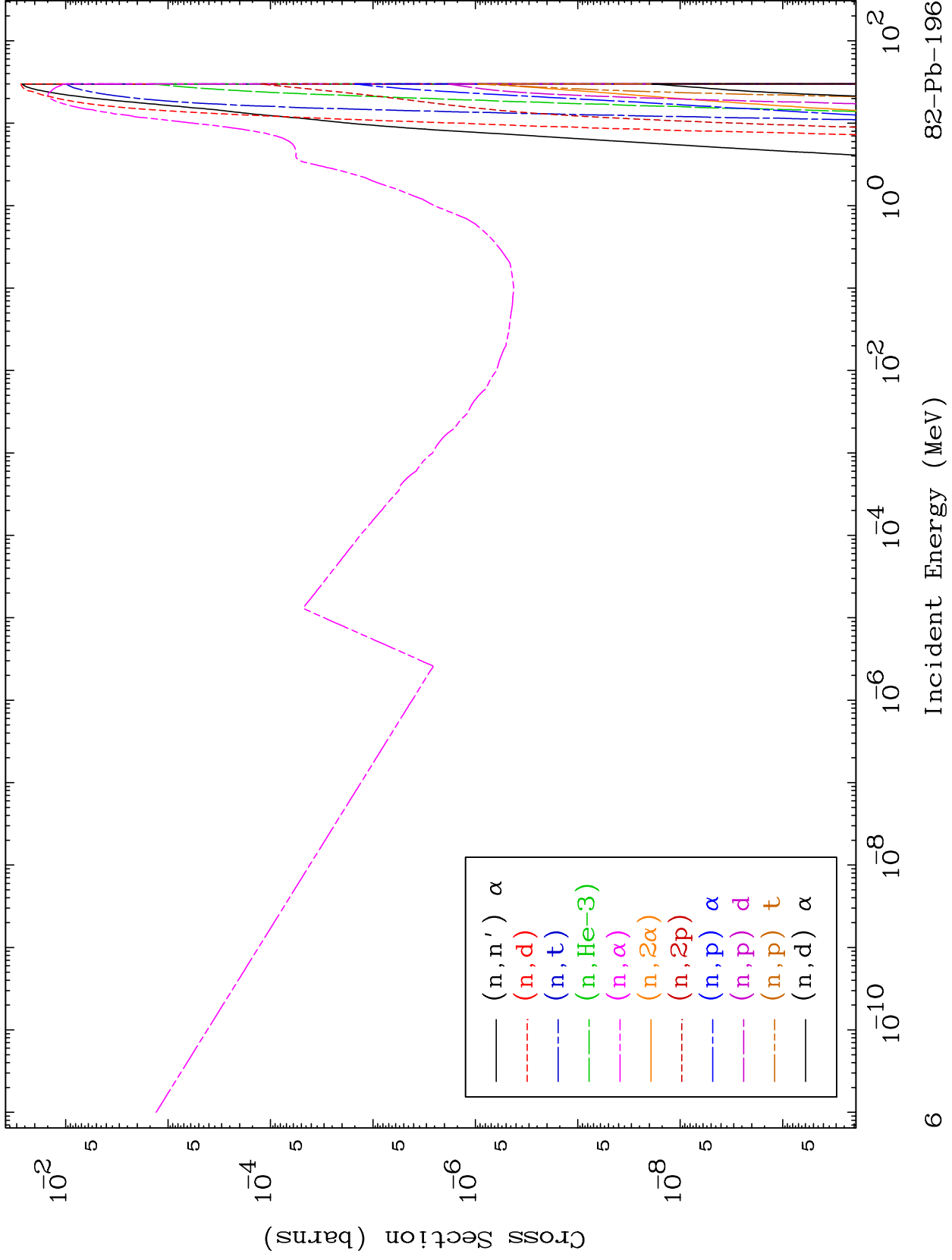
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MAT 8201

Charged Particle
293 Kelvin Cross Sections

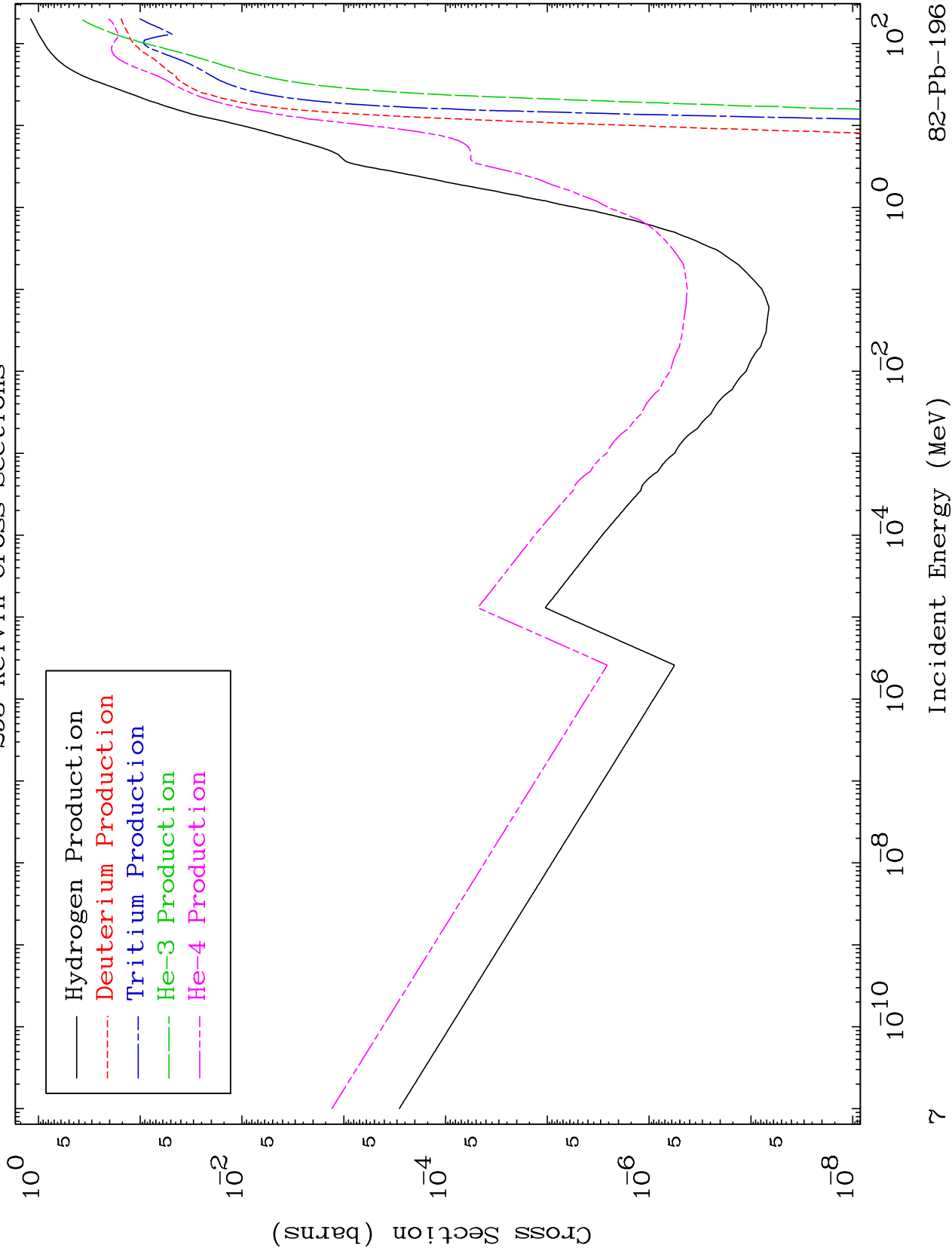
82-Pb-196



MAT 8201

Particle Production
293 Kelvin Cross Sections

82-Pb-196

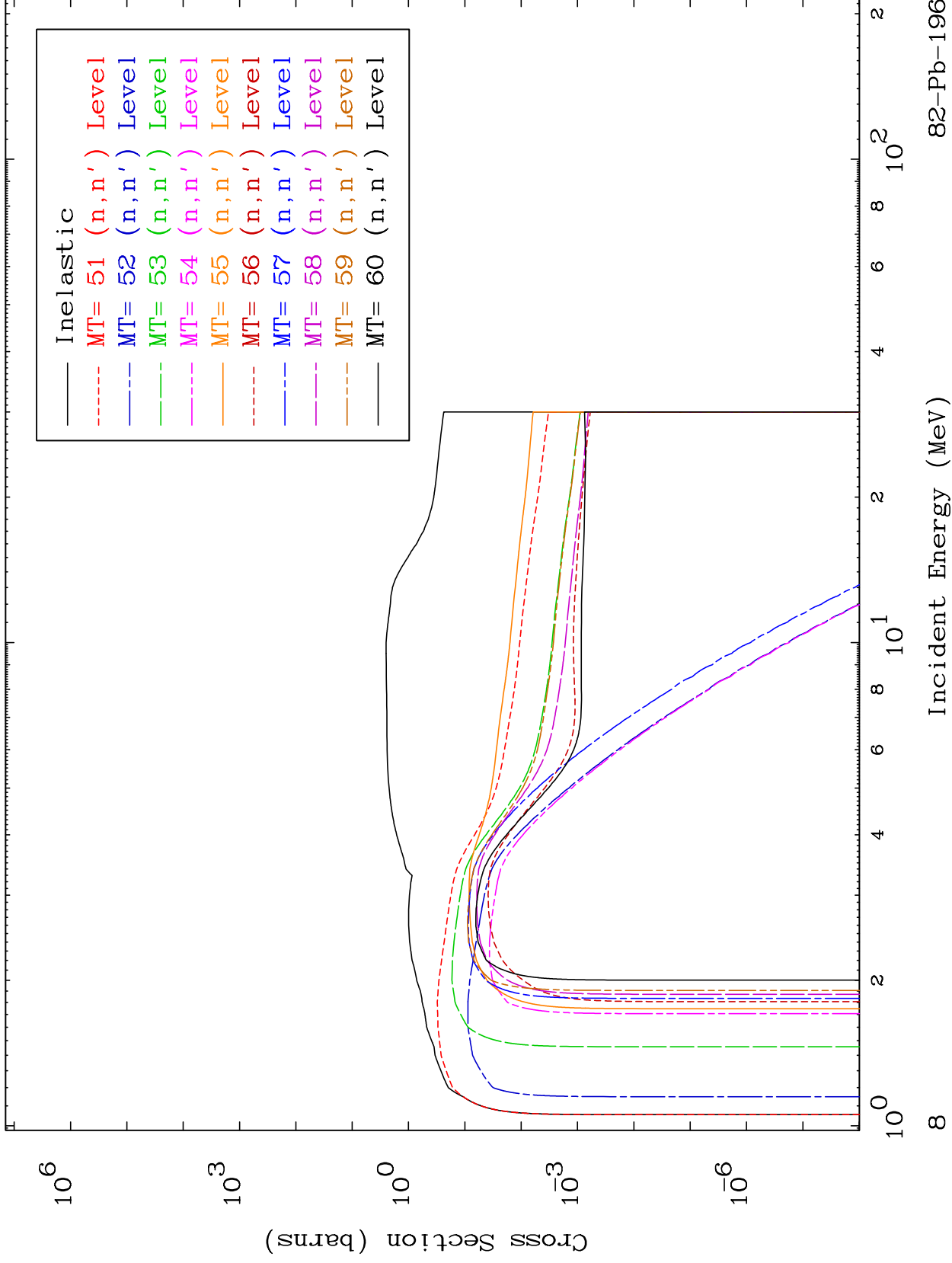


MAT 8201

(n,n') Levels

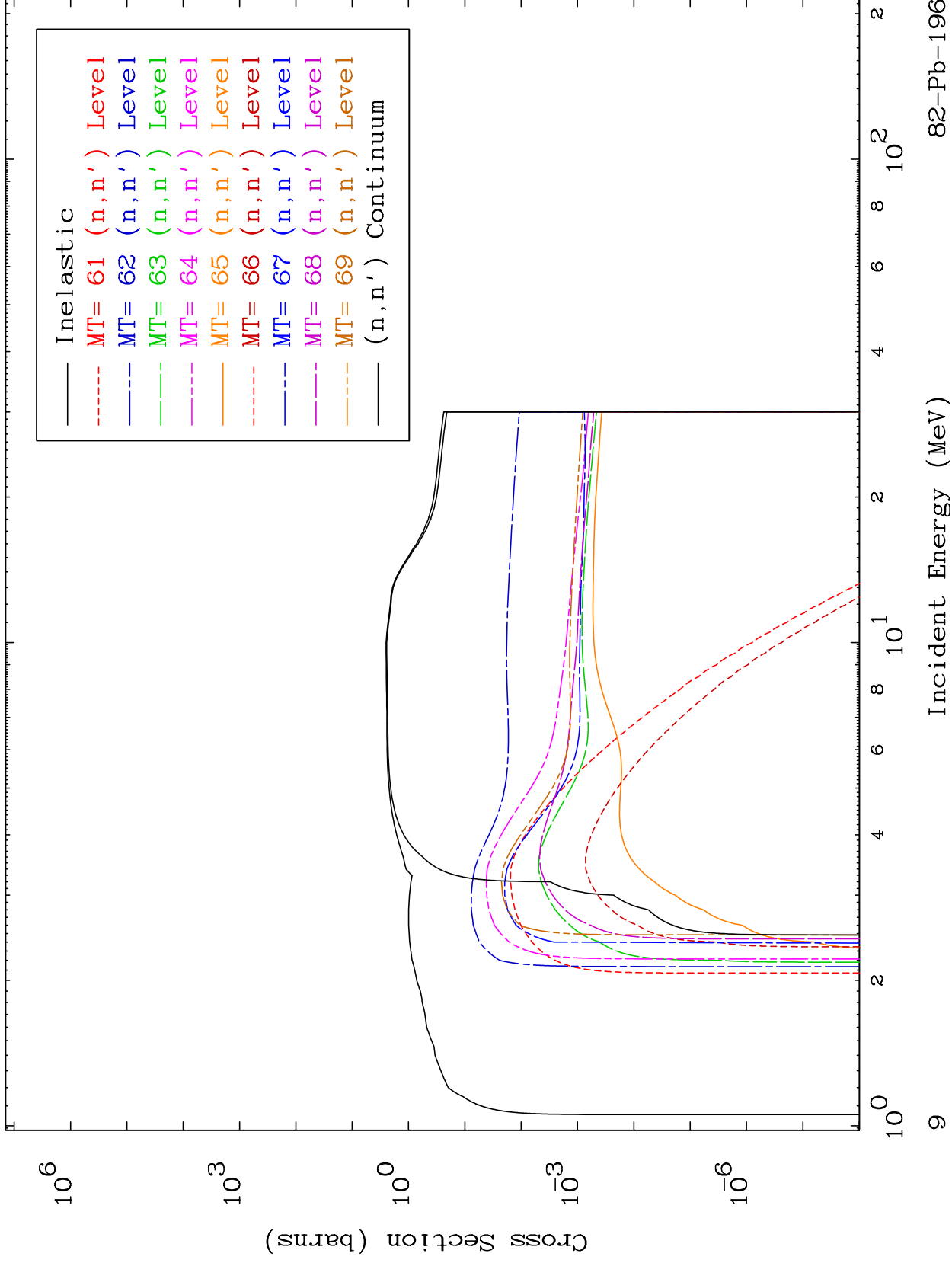
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293 Kelvin Cross Sections



Incident Energy (MeV)

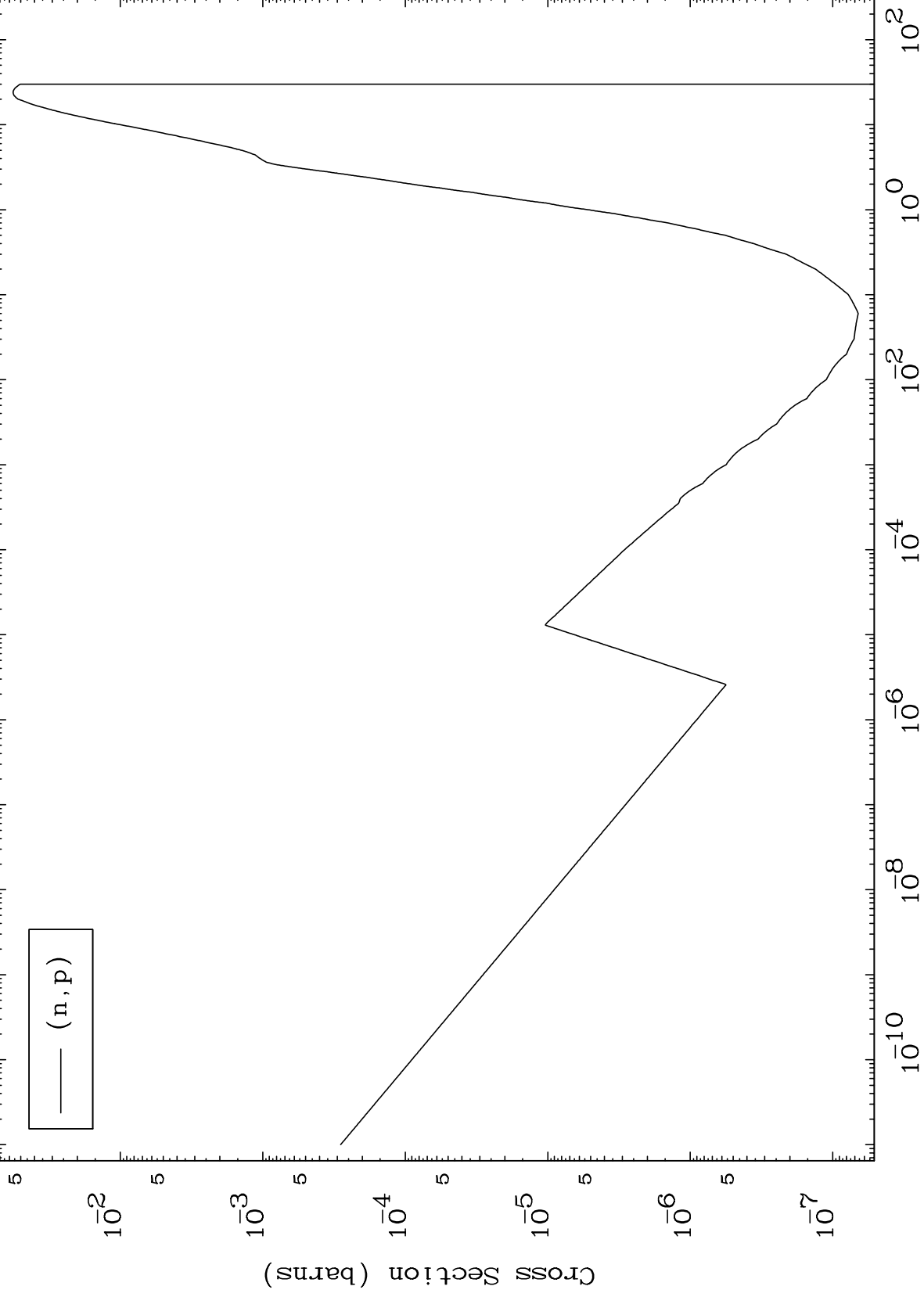
82-Pb-196



MAT 8201

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-196



10

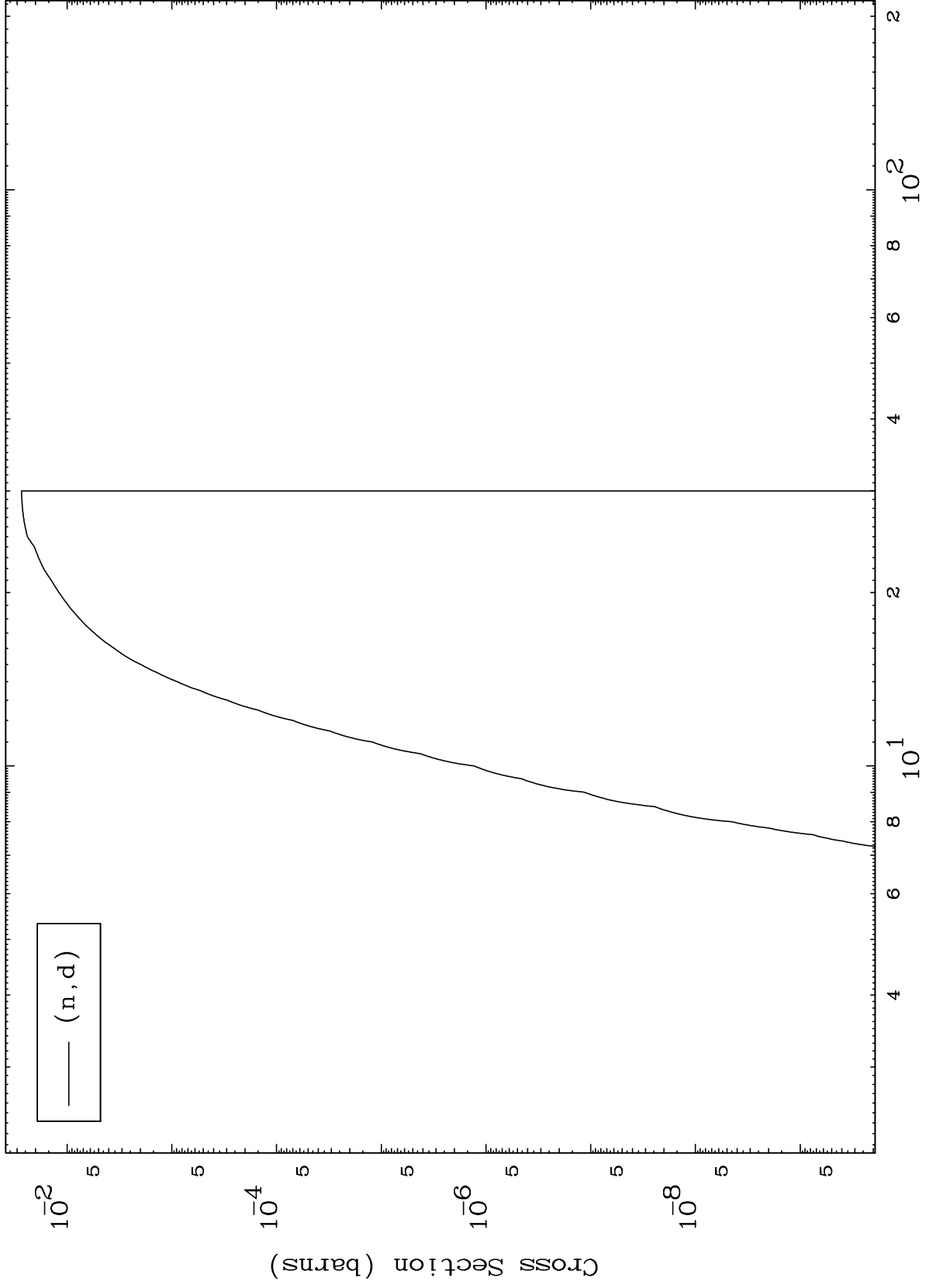
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,d) Levels
293 Kelvin Cross Sections

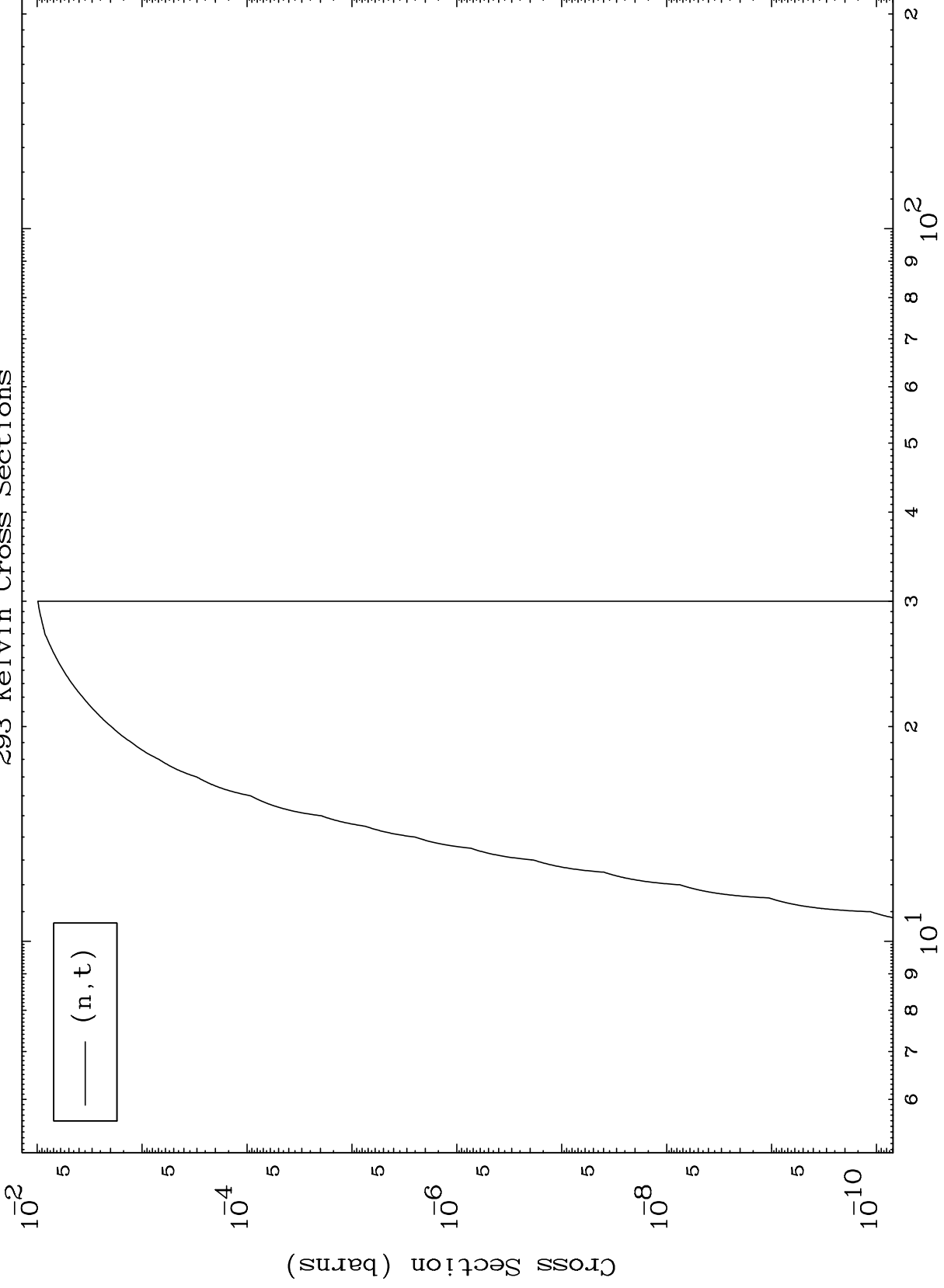
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MAT 8201

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-196



12

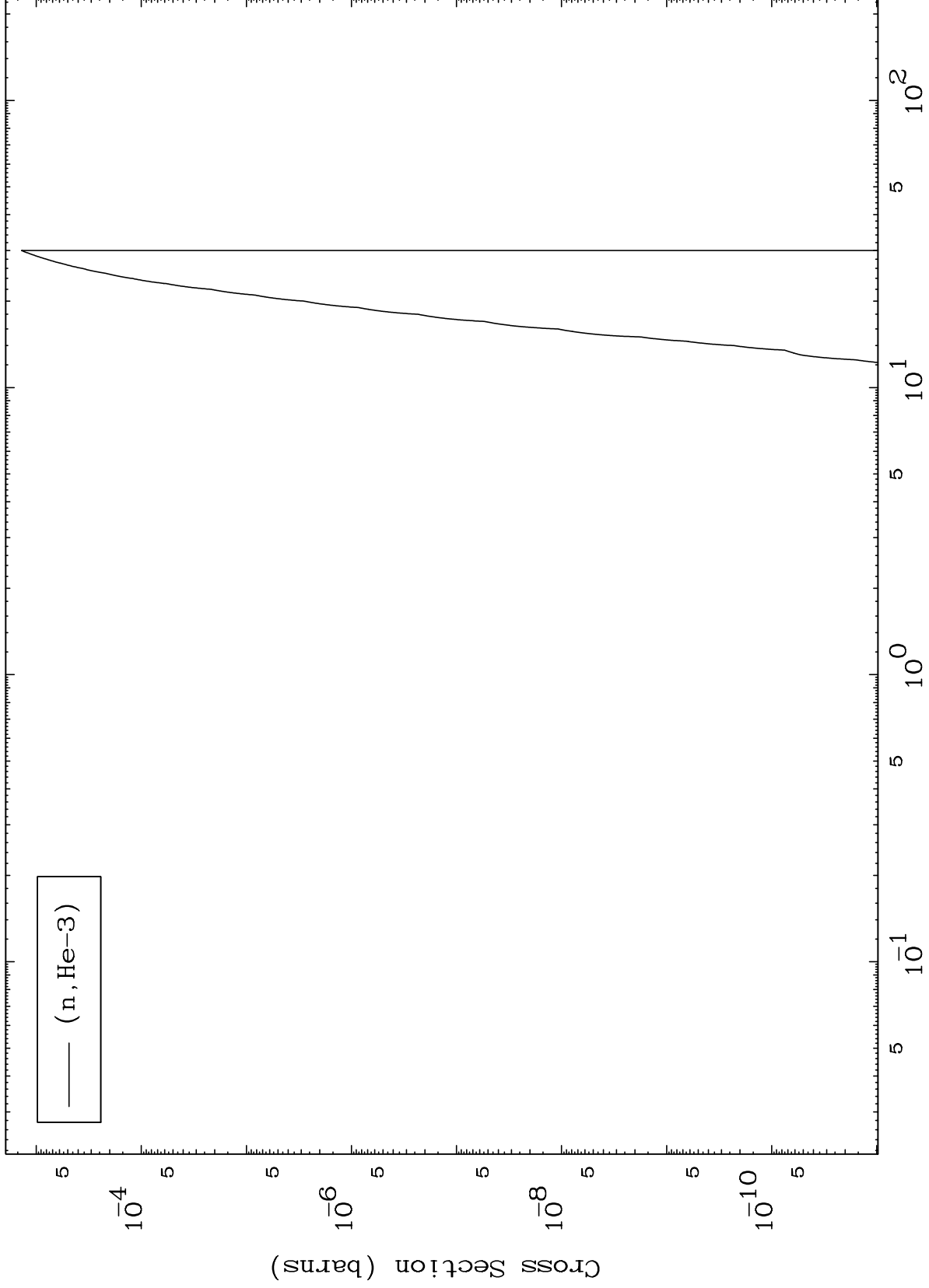
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-196



13

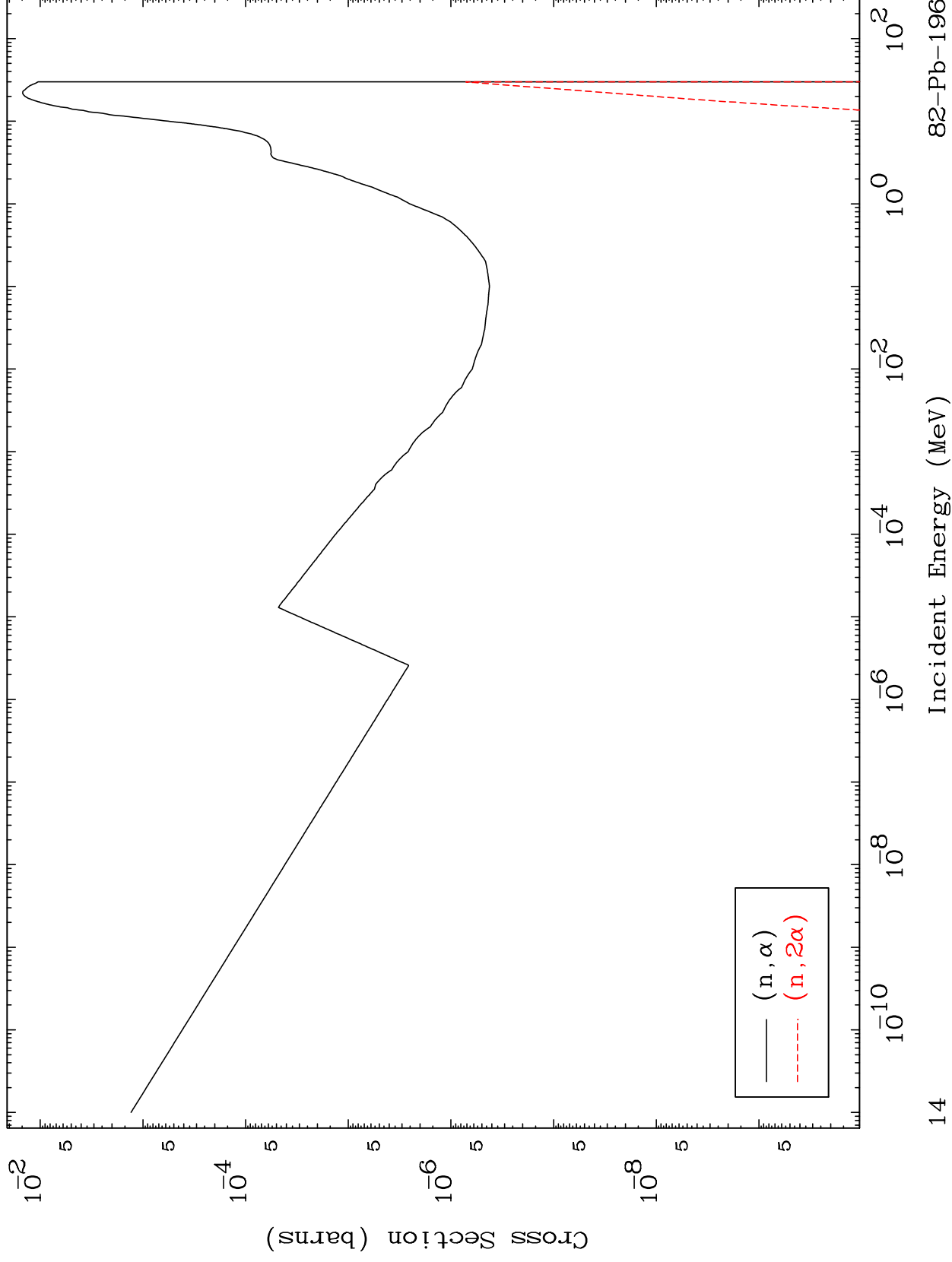
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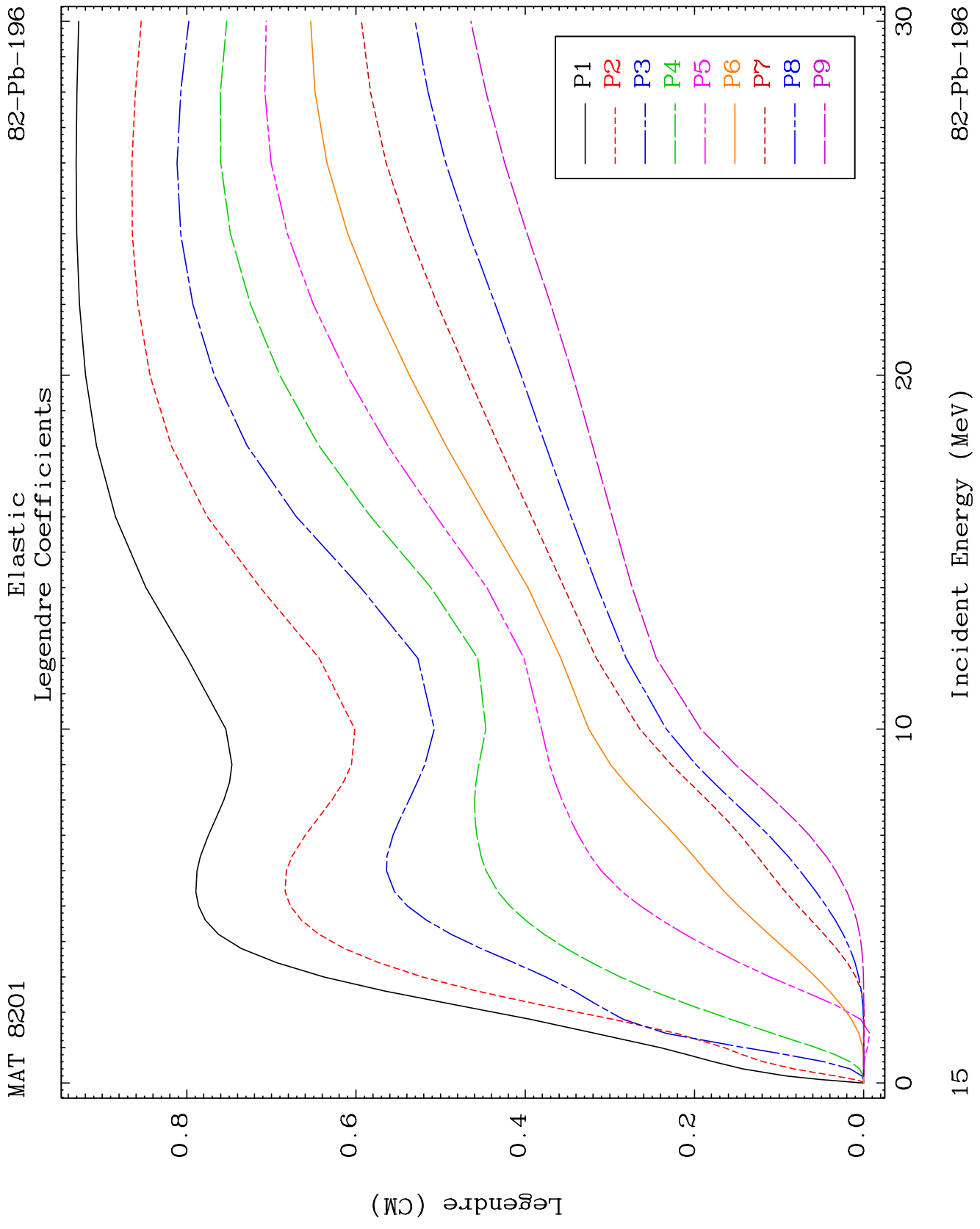
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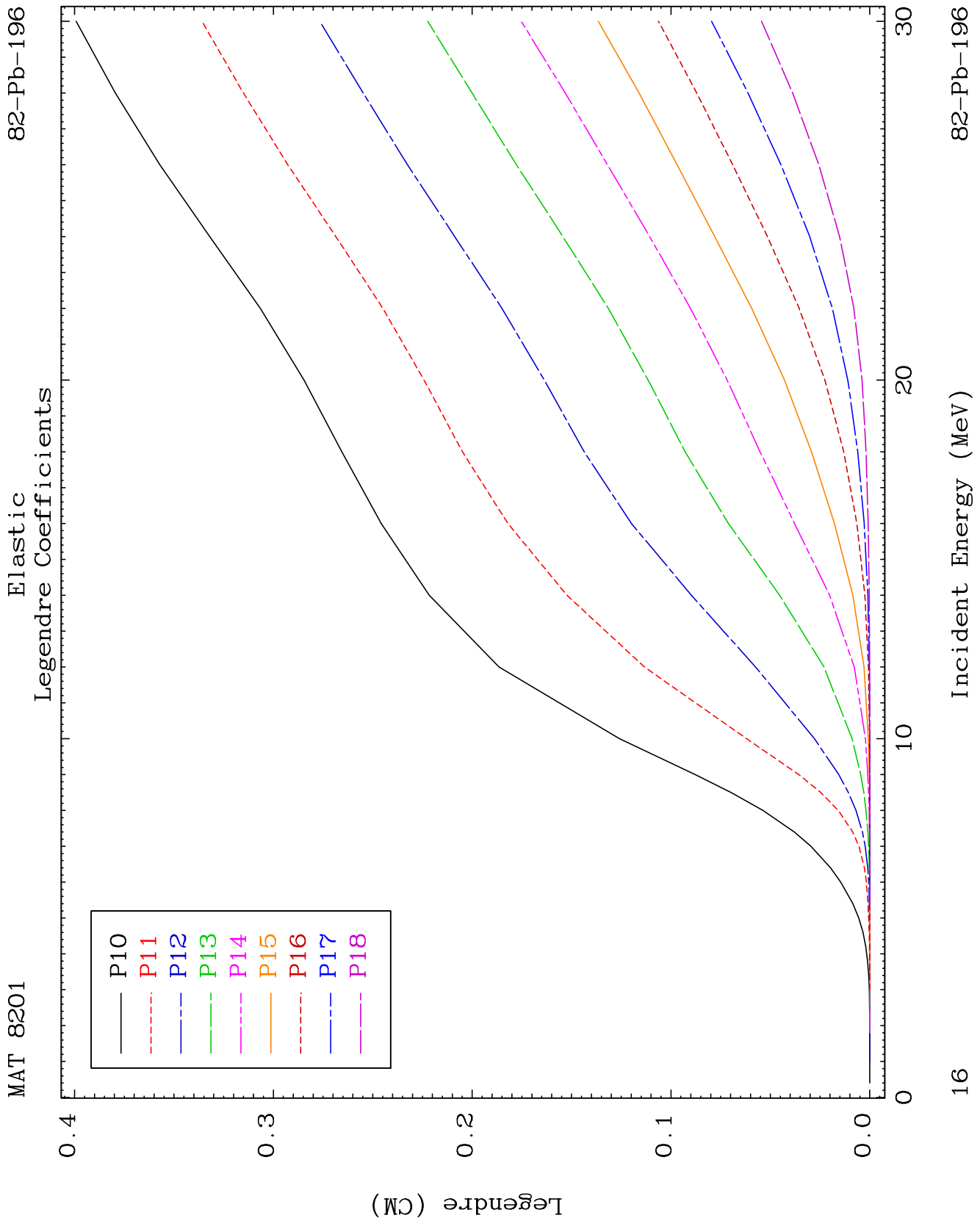
MAT 8201

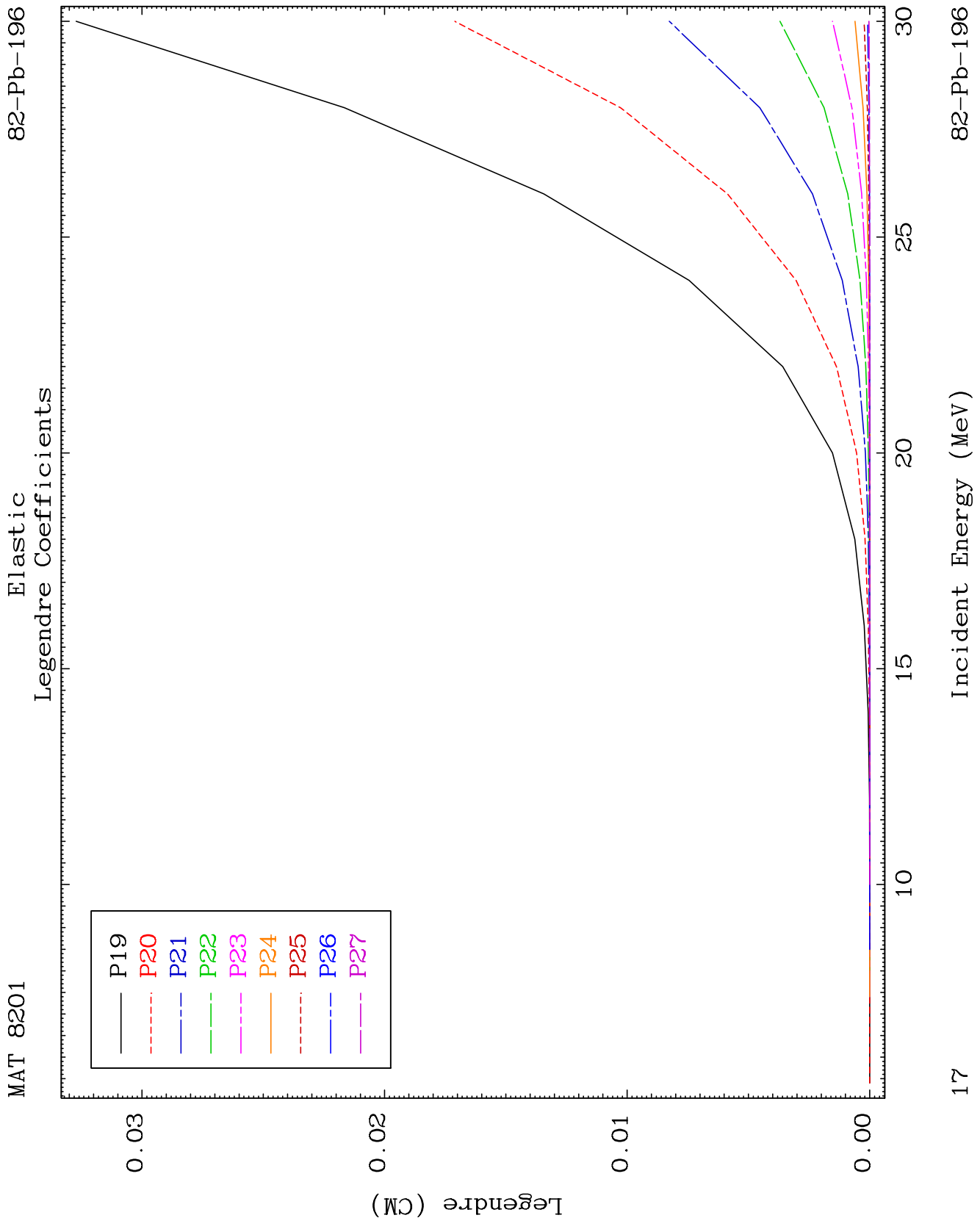
(n,α) Levels
293 Kelvin Cross Sections

82-Pb-196





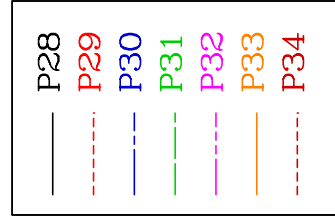




MAT 8201

Elastic
Legendre Coefficients

82-Pb-196



$\times 10^{-5}$

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

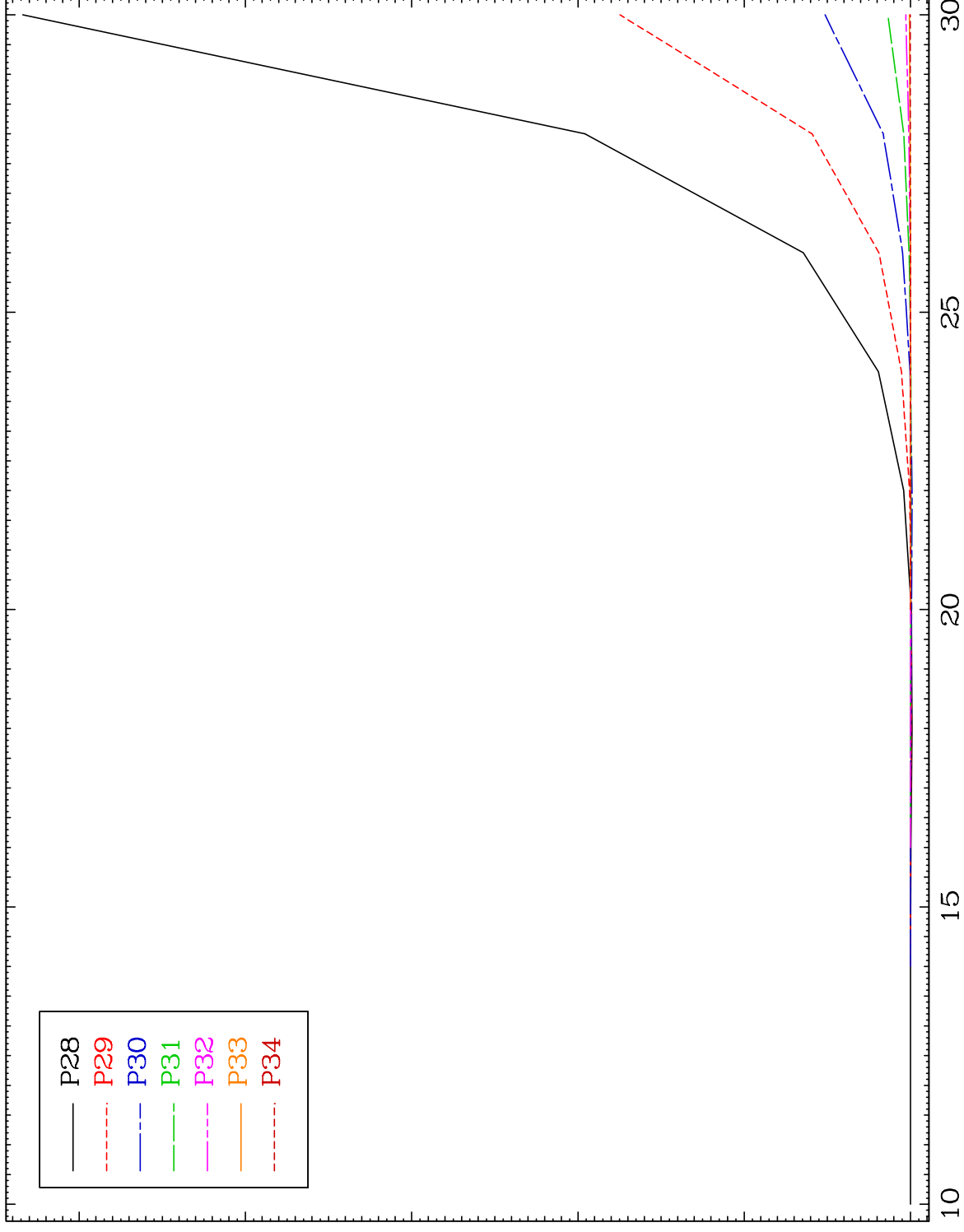
25

30

18

Incident Energy (MeV)

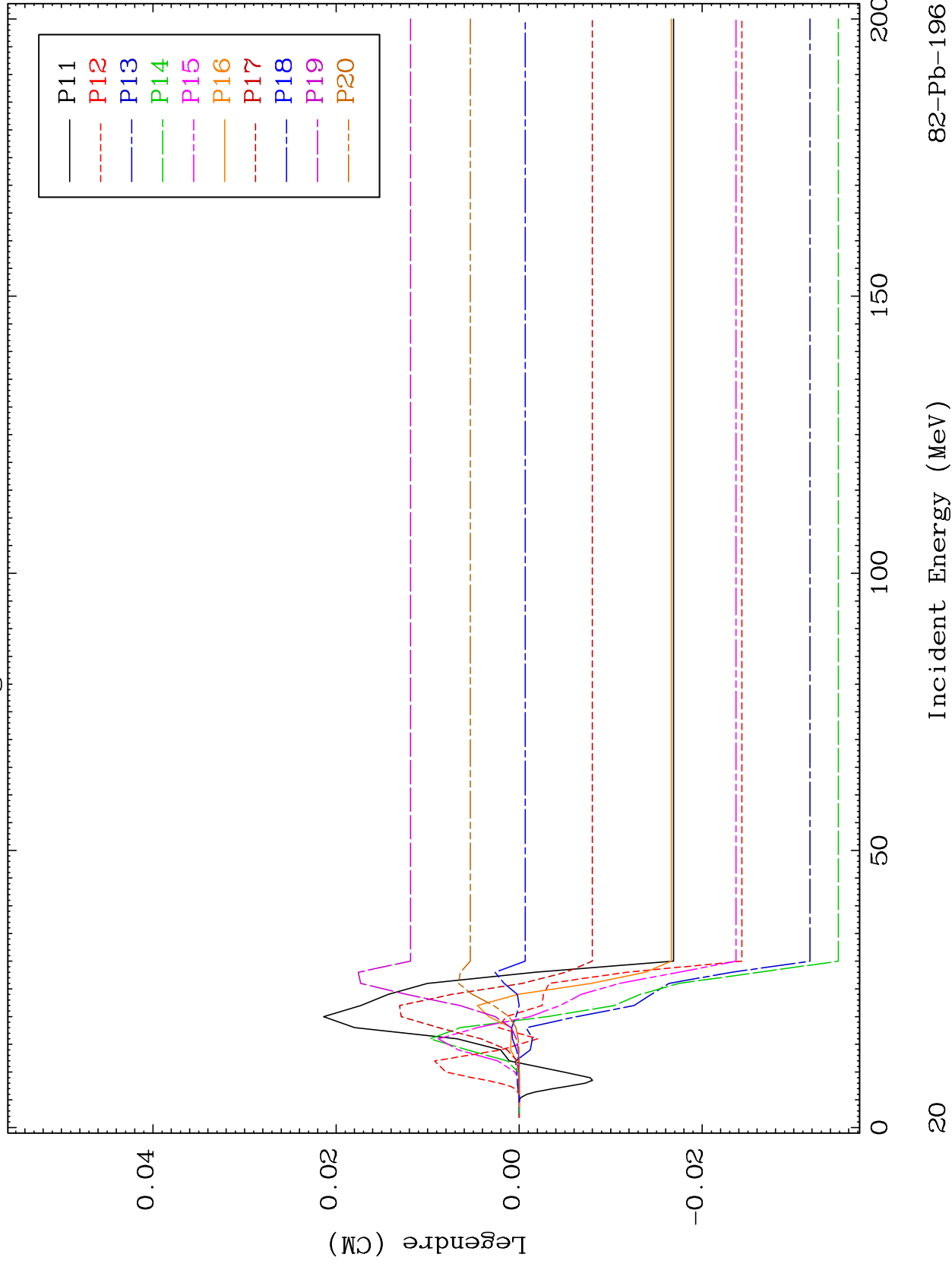
82-Pb-196



MAT 8201

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

82-Pb-196



82-Pb-196

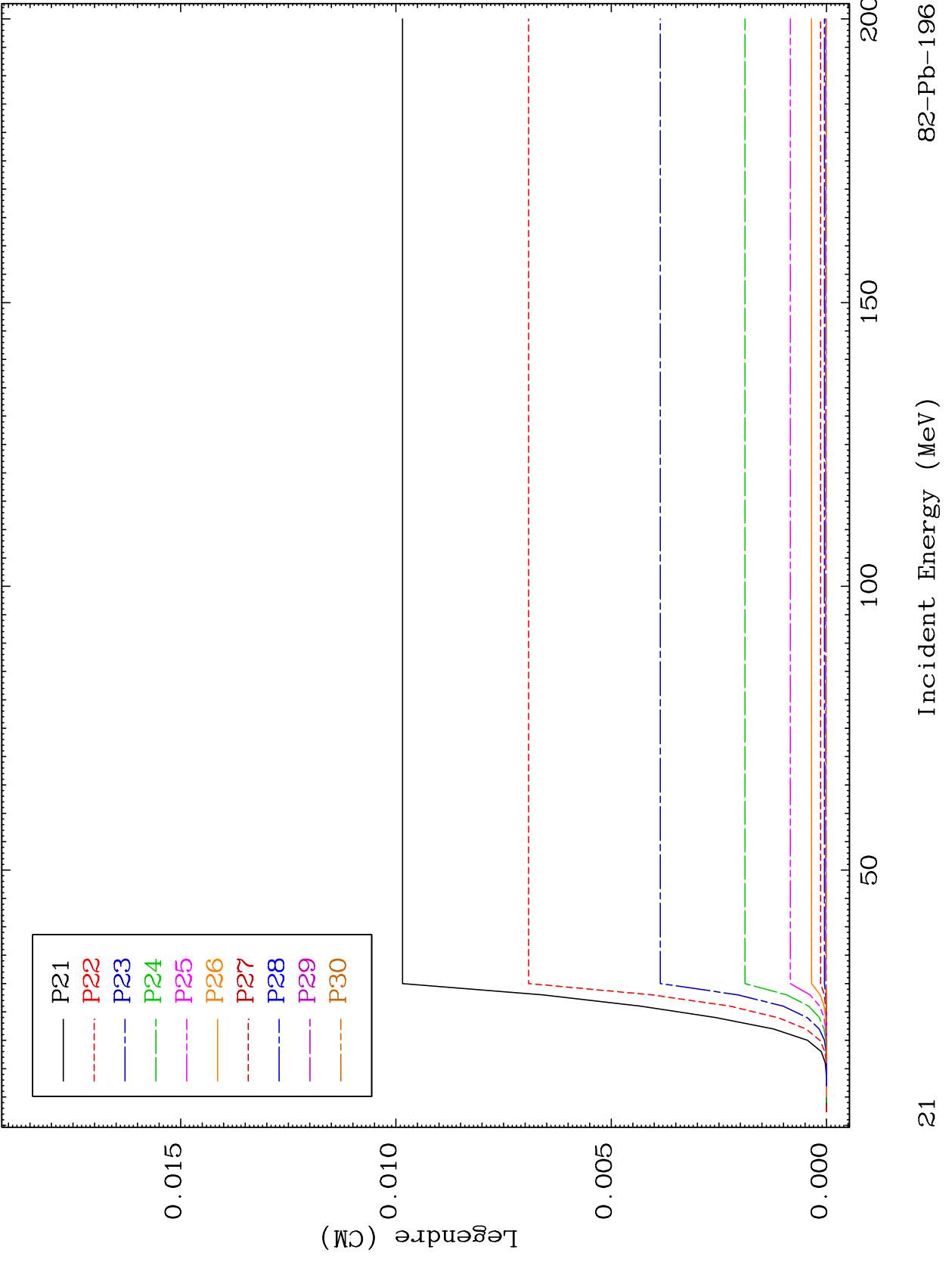
Incident Energy (MeV)

20

MAT 8201

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

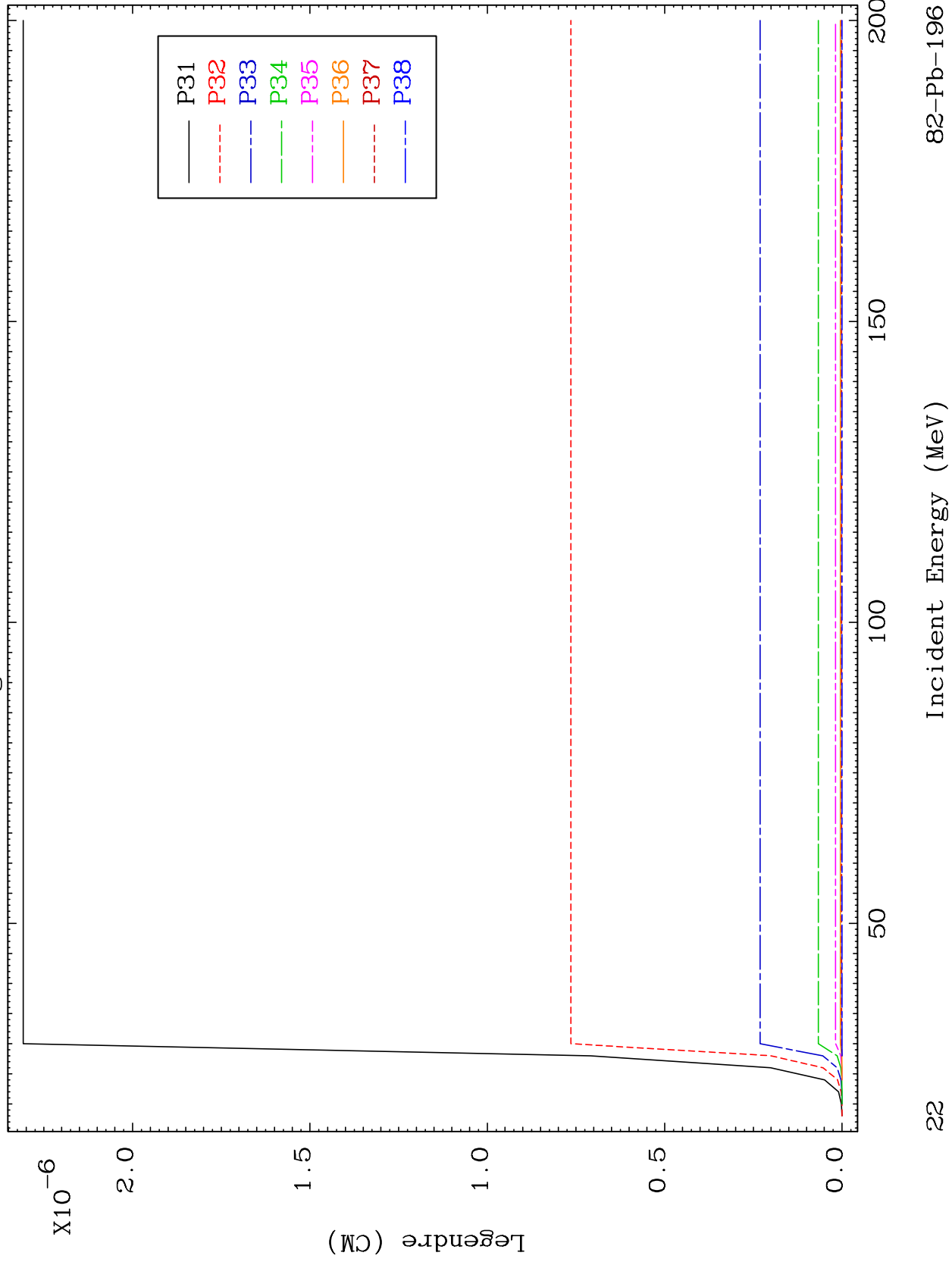
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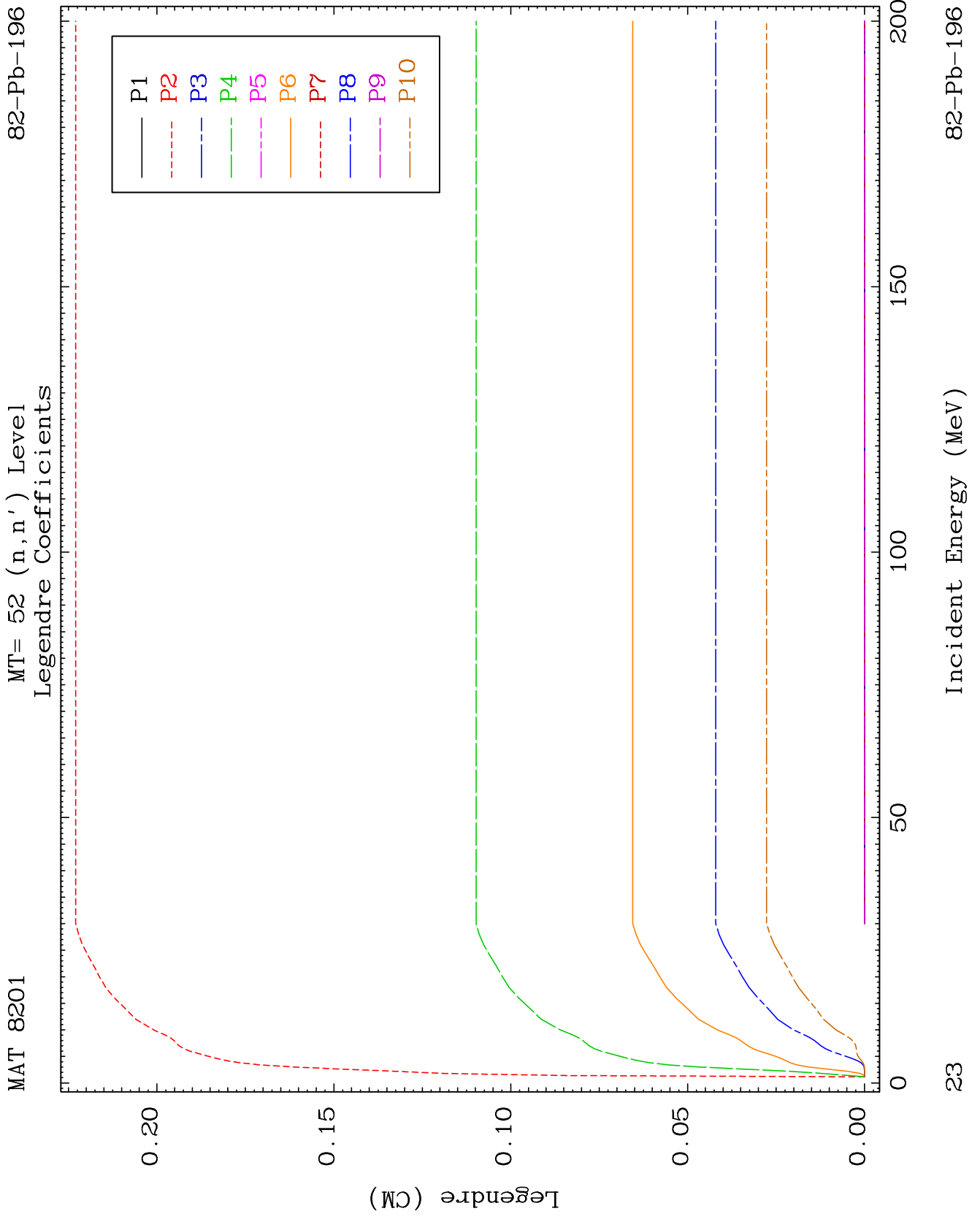
MAT 8201

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

82-Pb-196



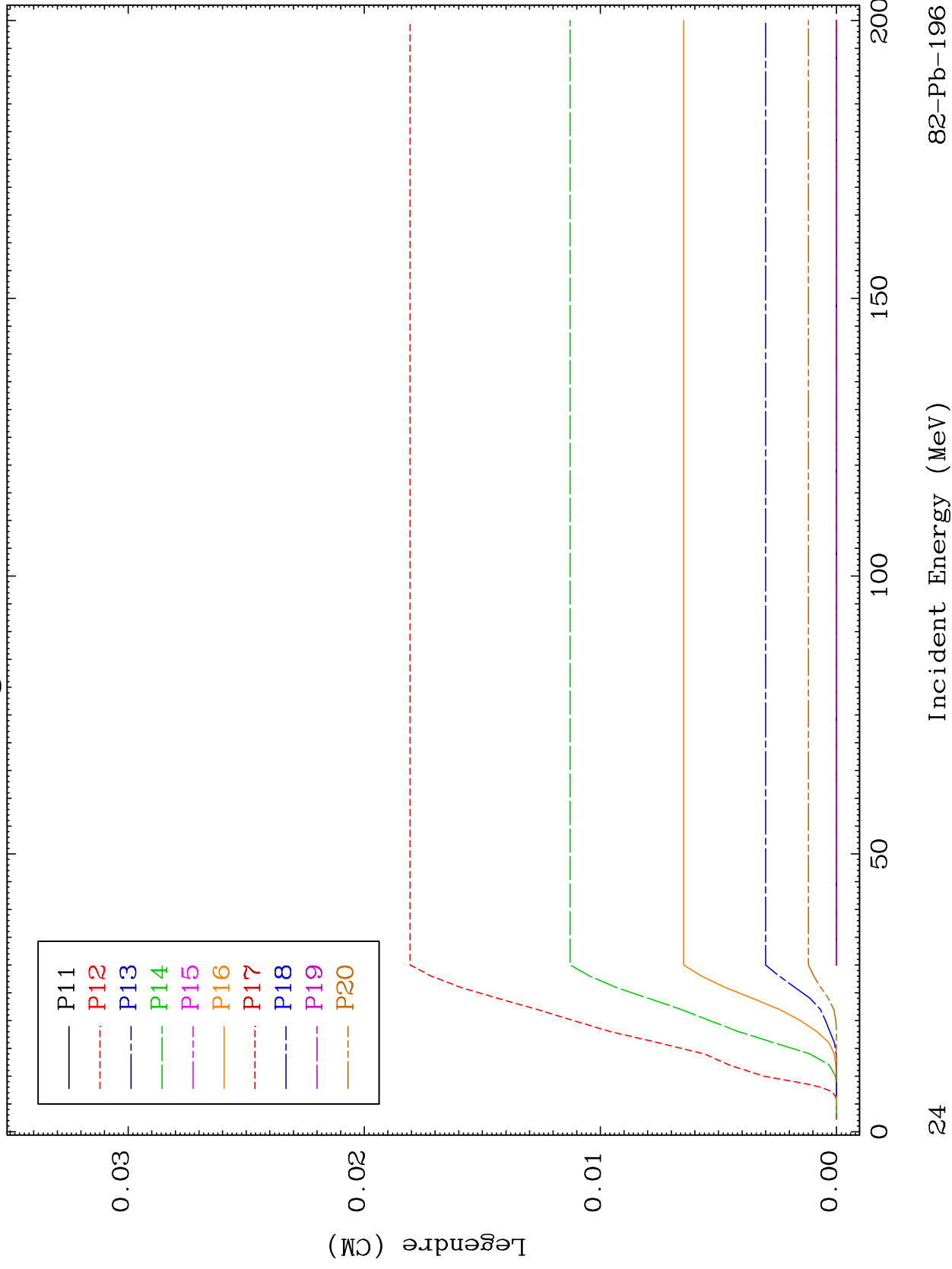
22



MAT 8201

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

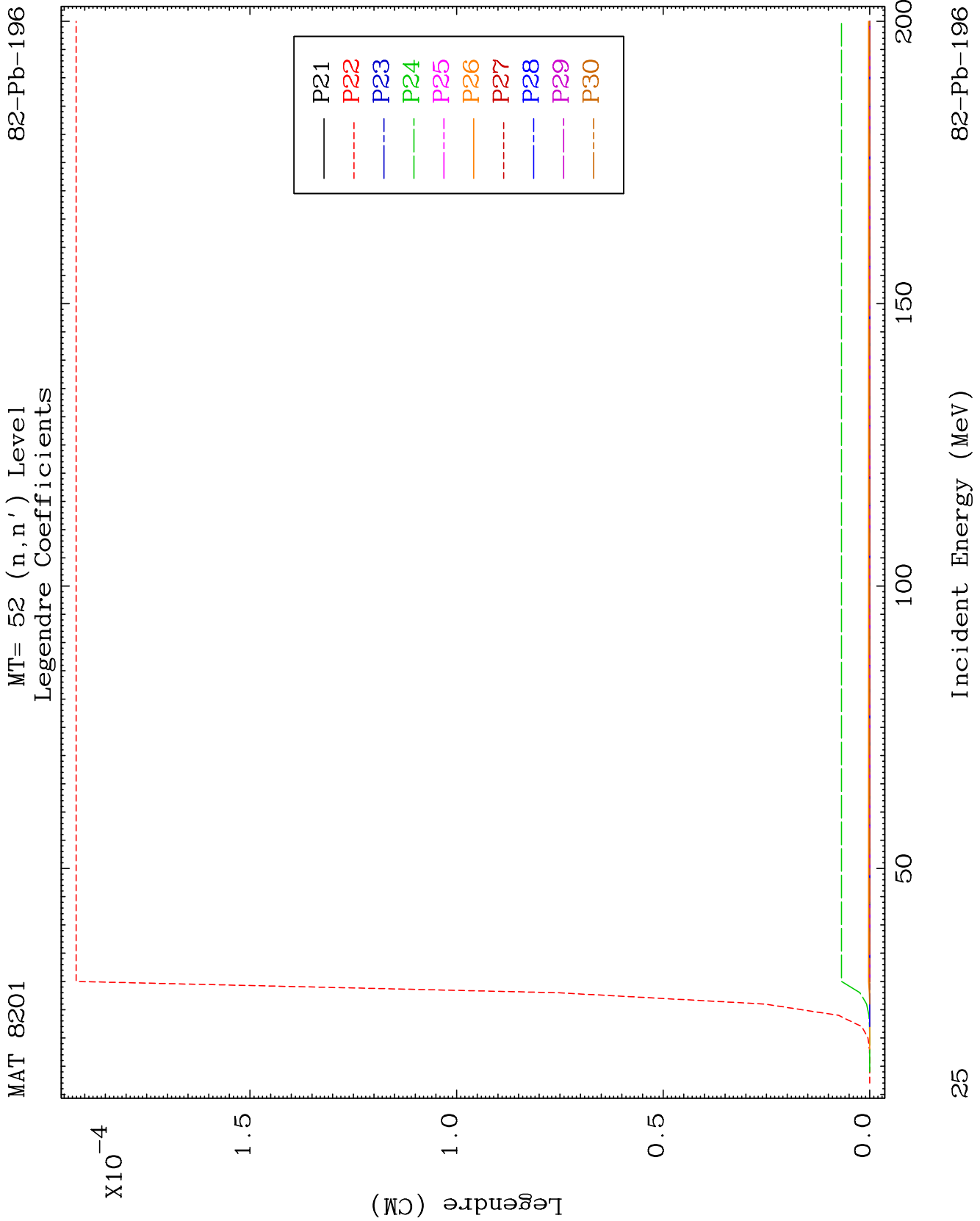
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24

Incident Energy (MeV)

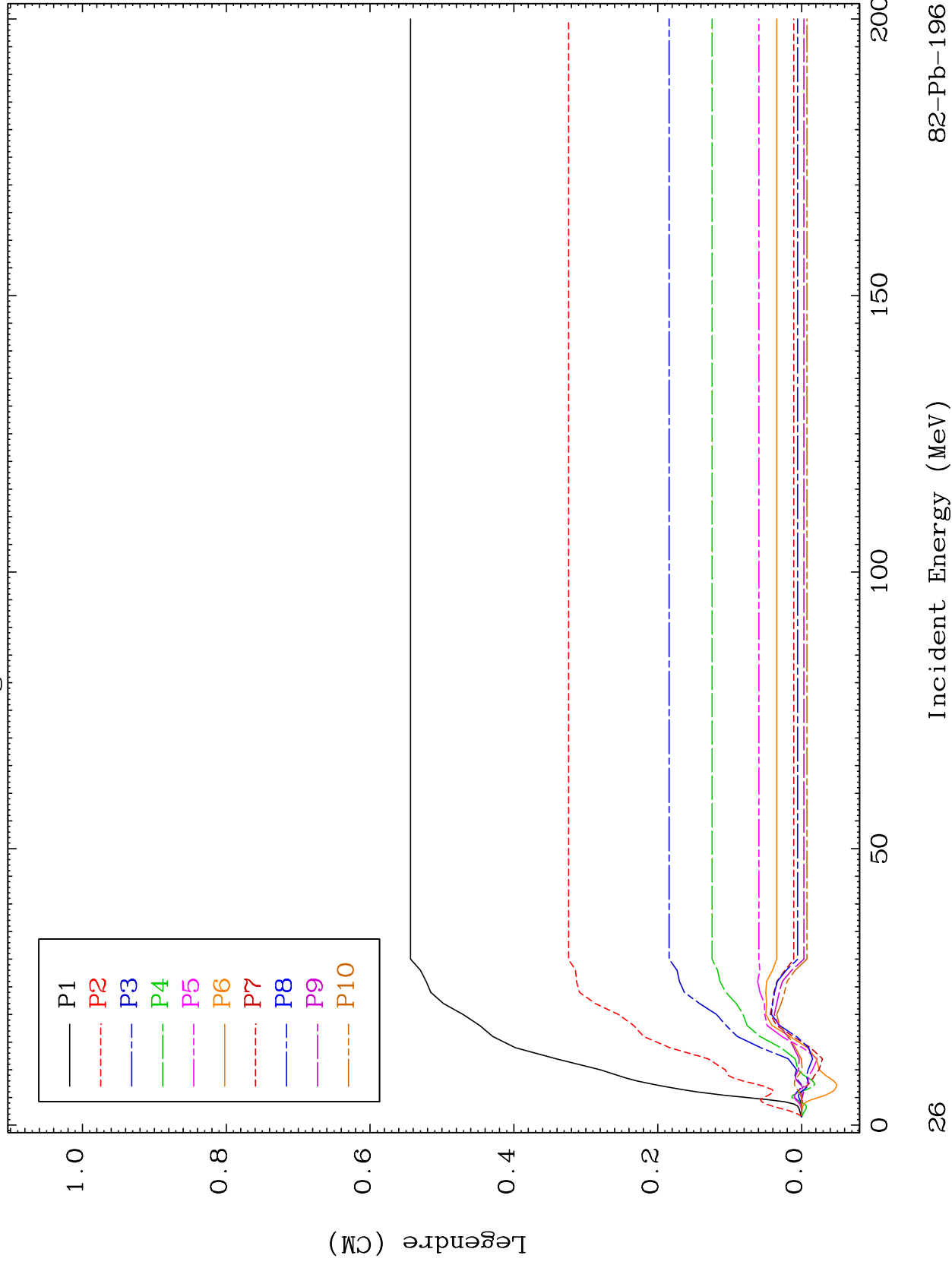
82-Pb-196



MAT 8201

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

82-Pb-196

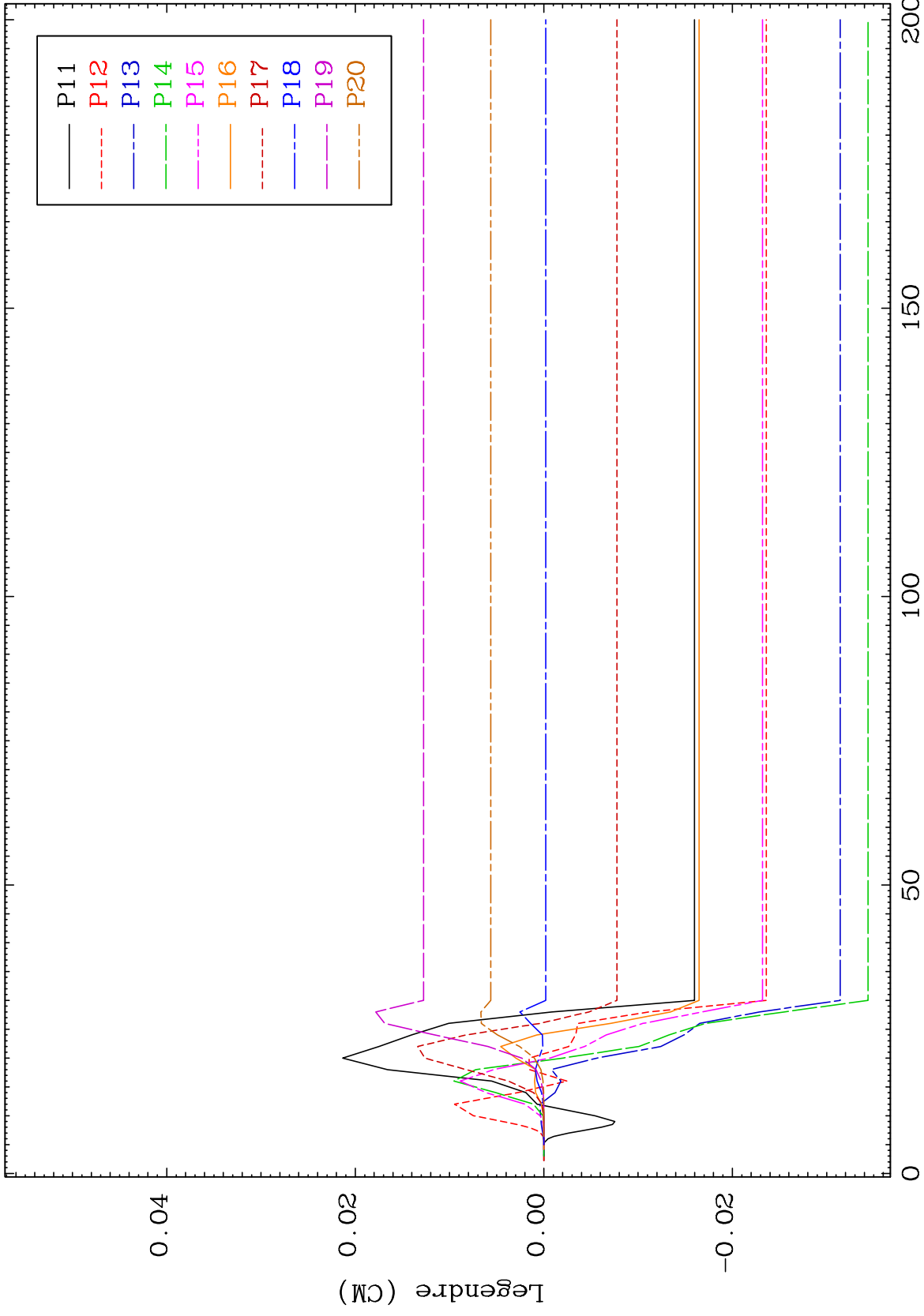


26

MAT 8201

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

82-Pb-196



27

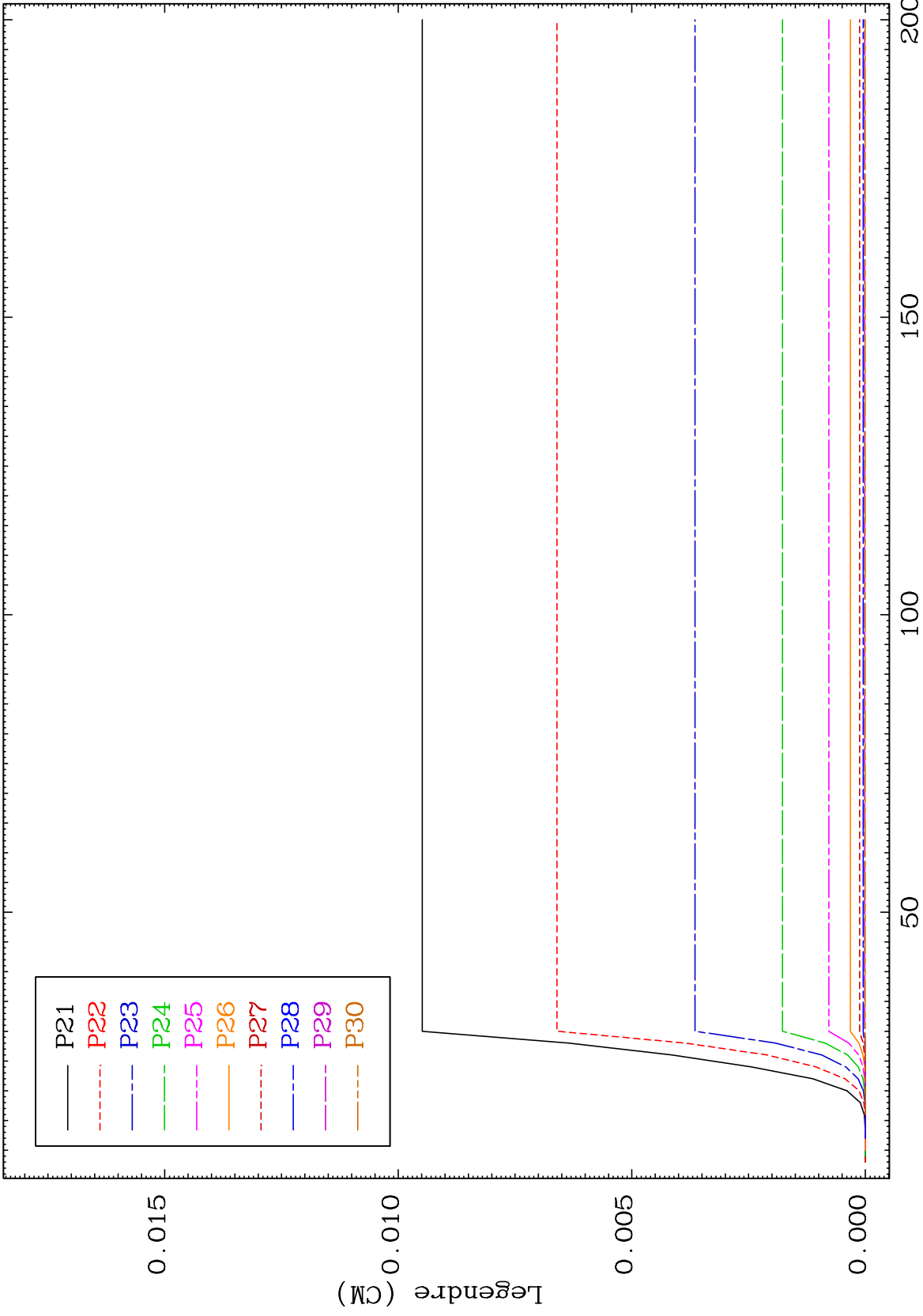
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



28

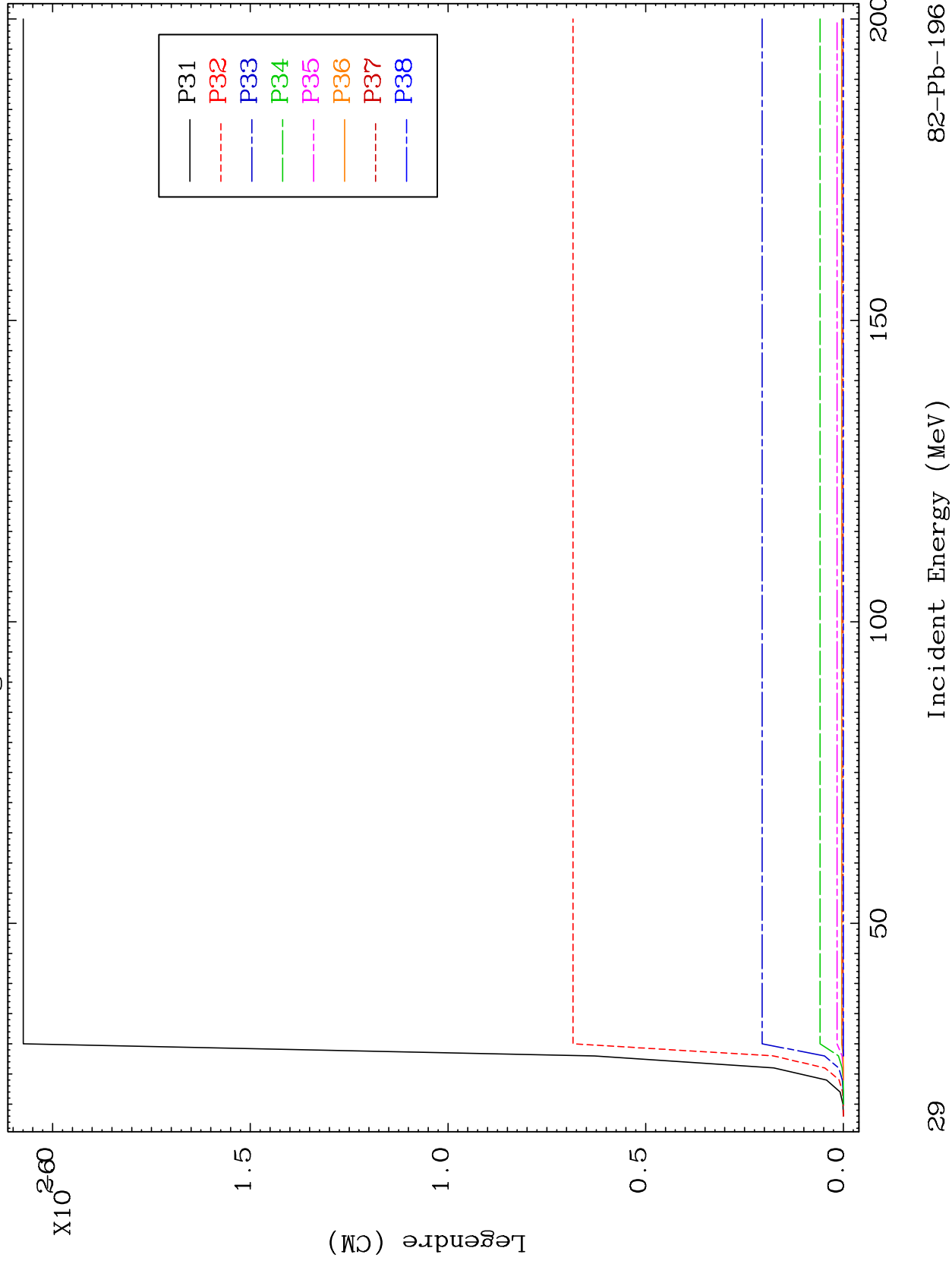
Incident Energy (MeV)

82-Pb-196

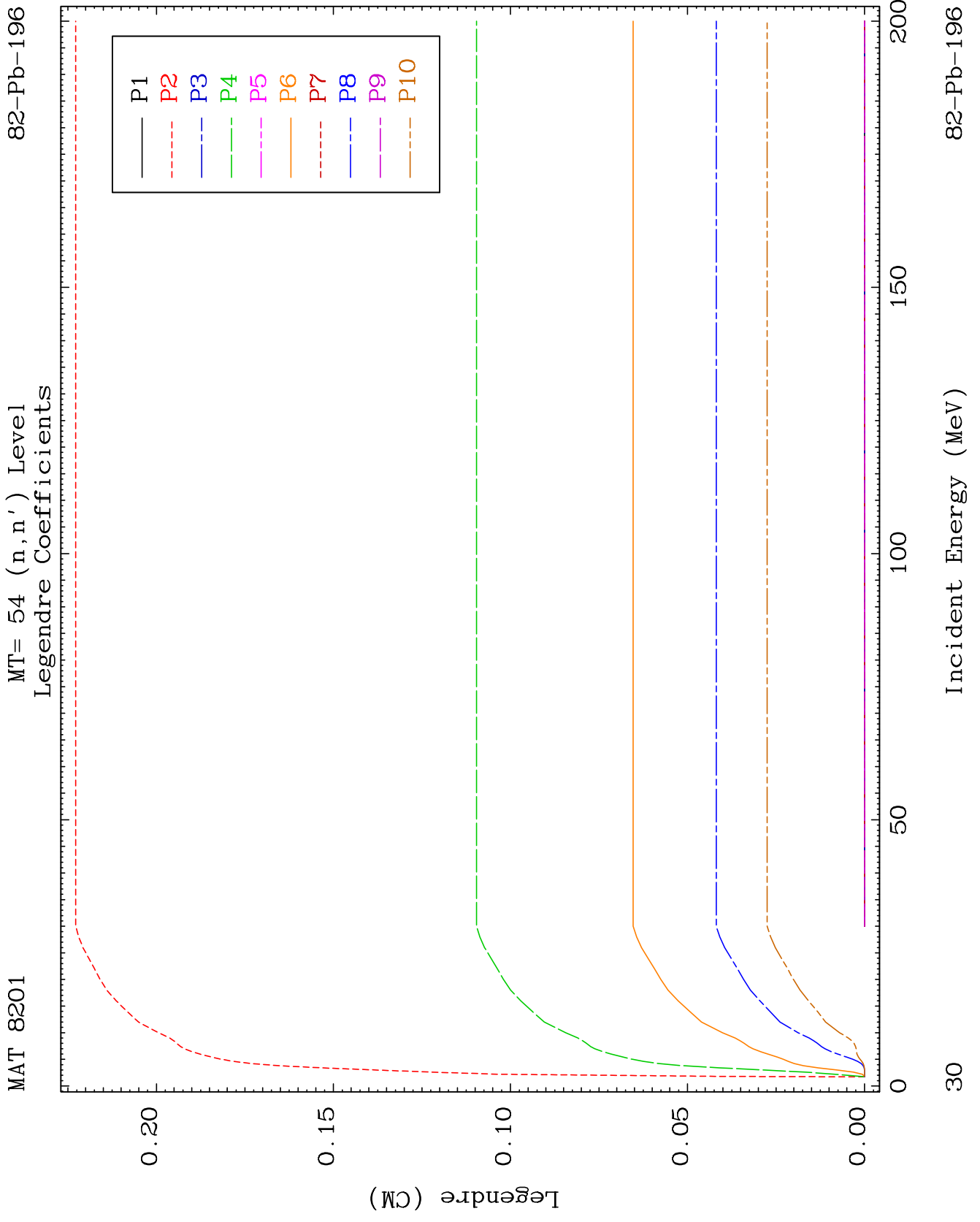
MAT 8201

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

82-Pb-196



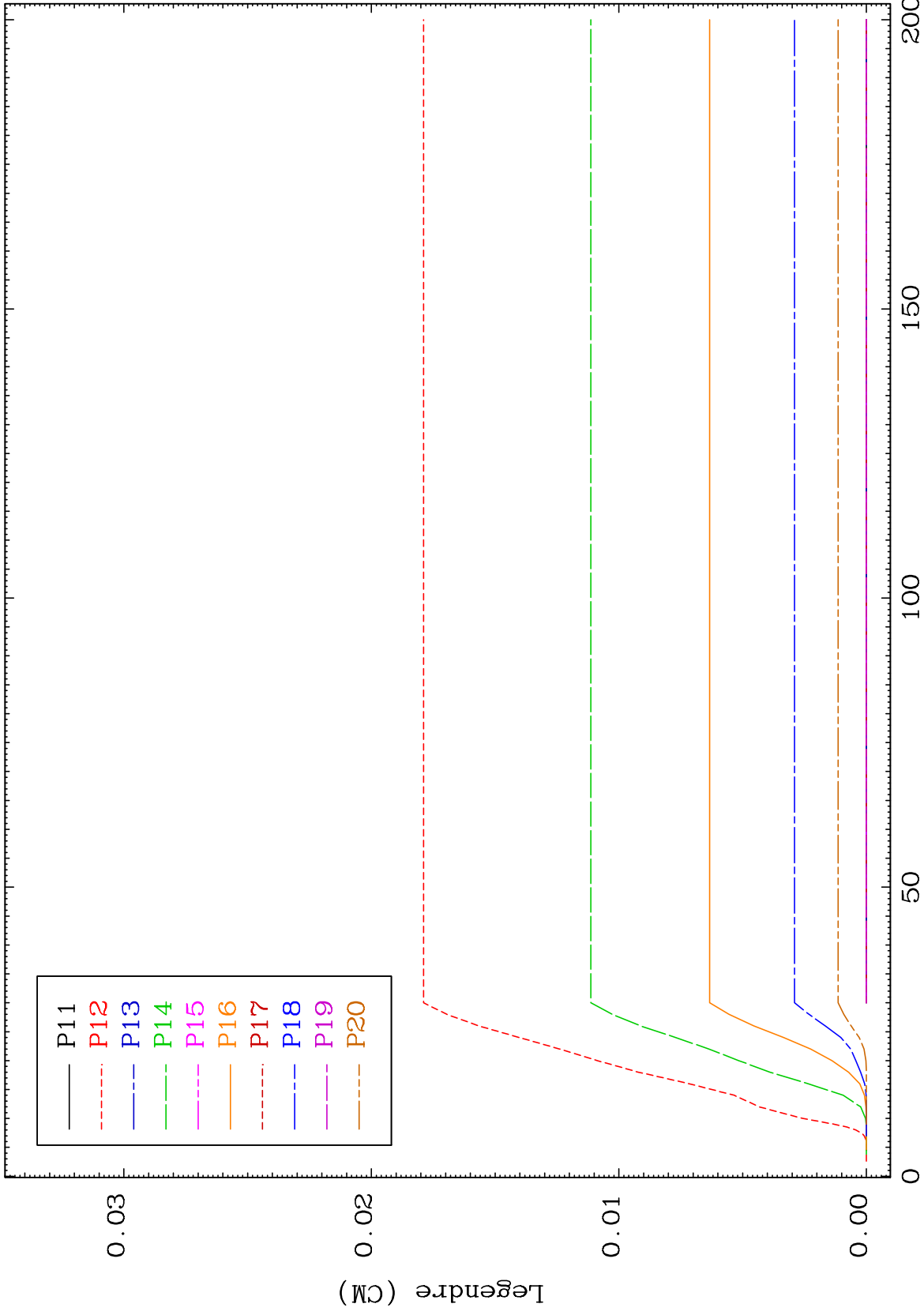
29



MAT 8201

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

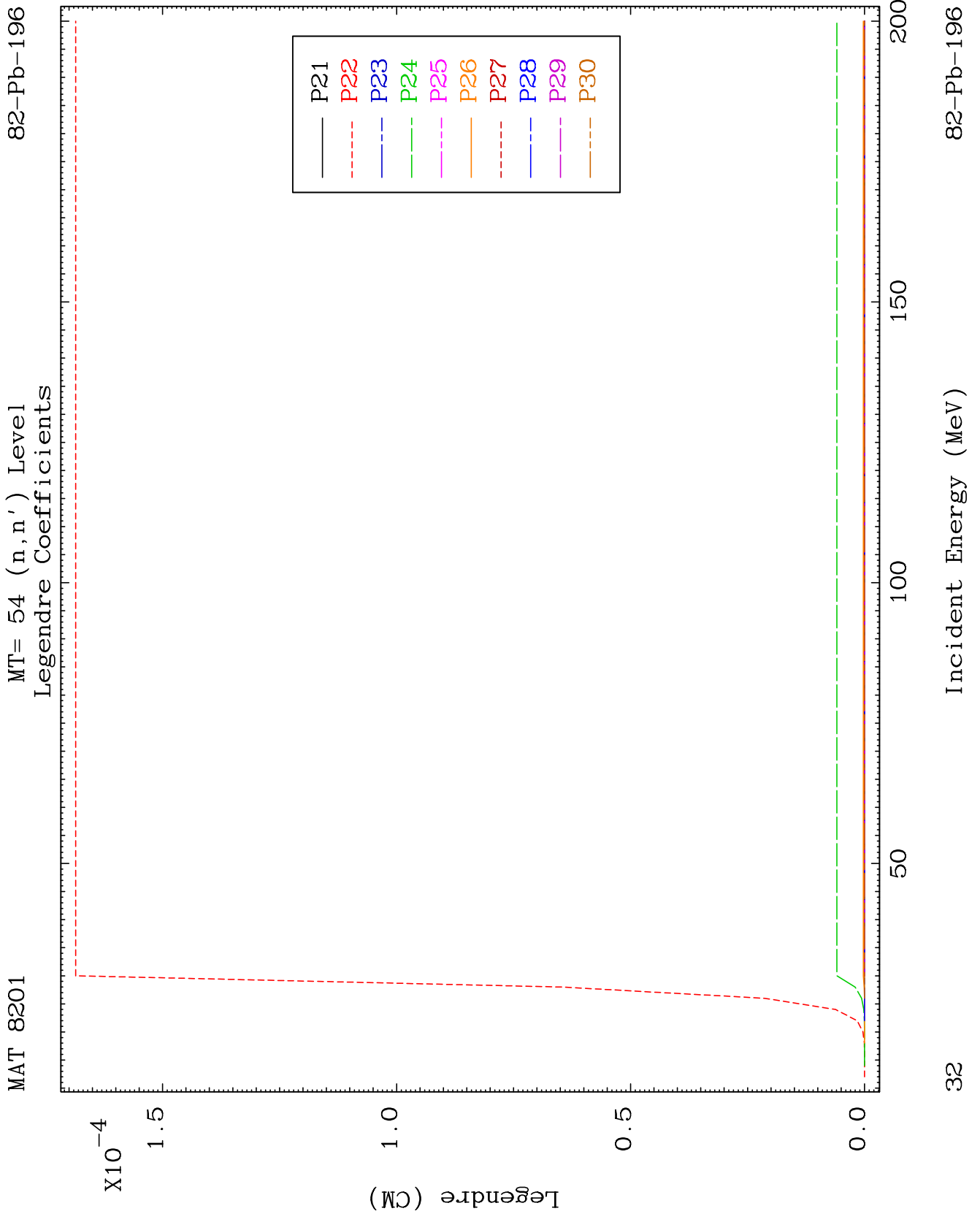
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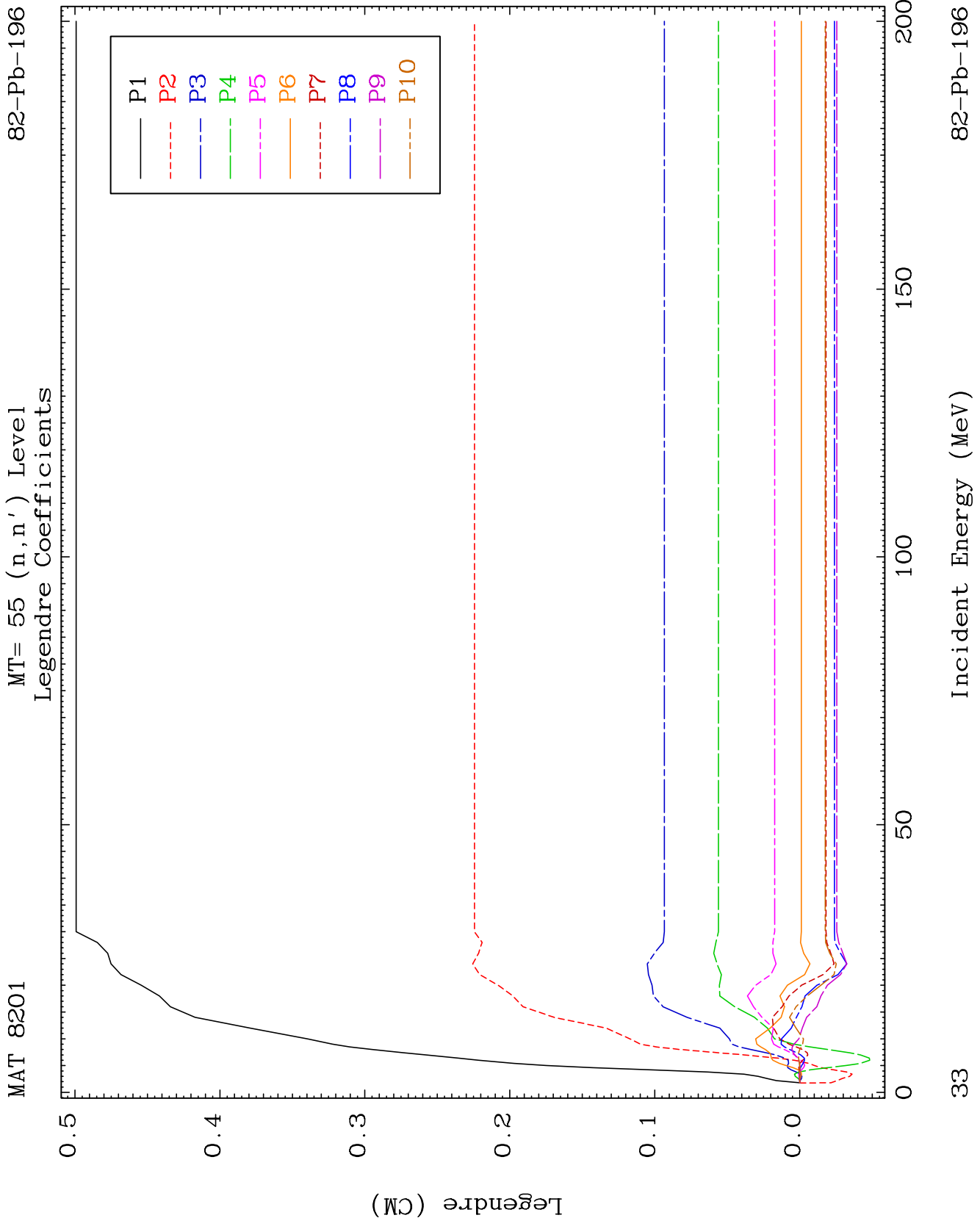


31

Incident Energy (MeV)

82-Pb-196

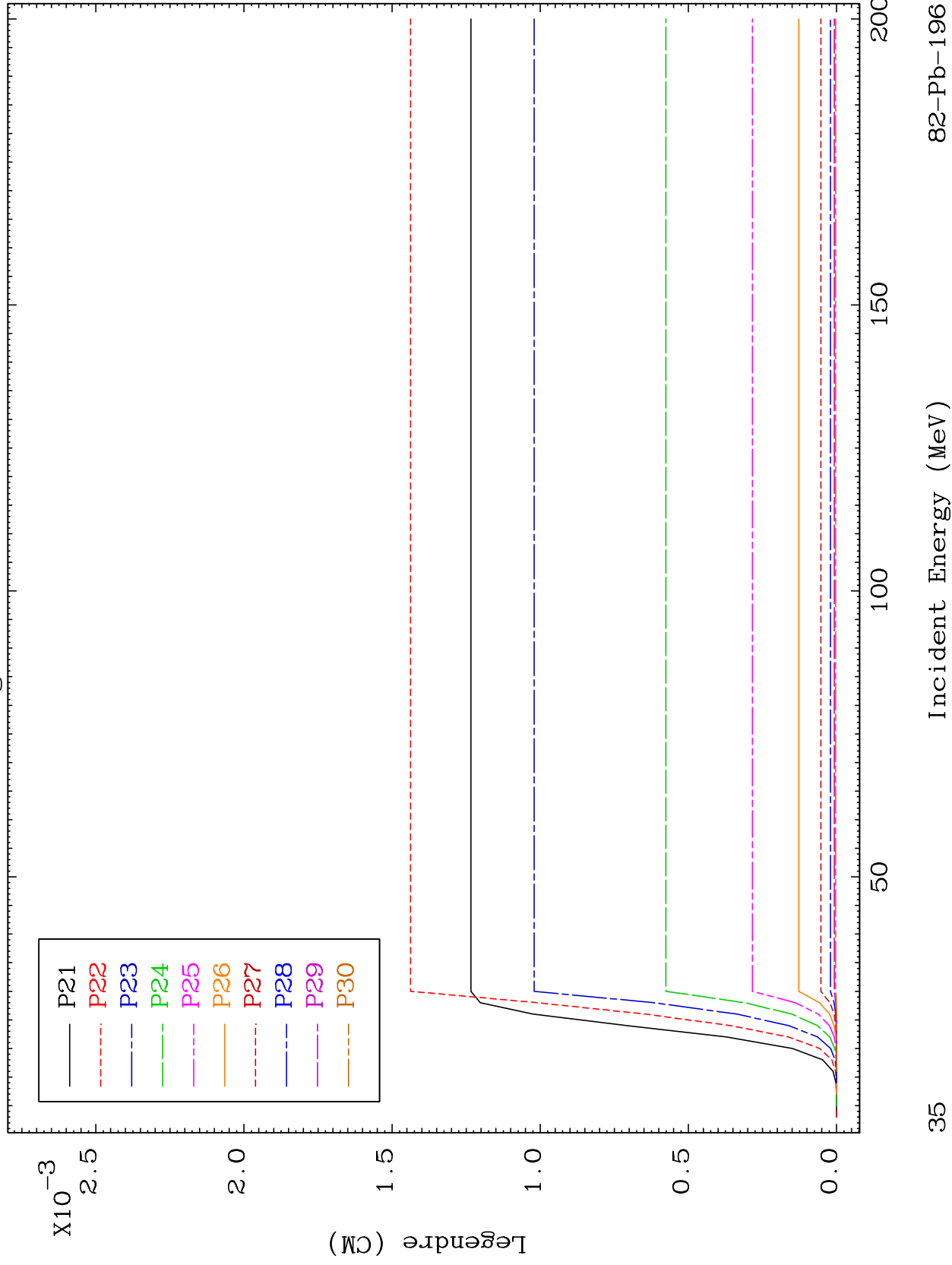




MAT 8201

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

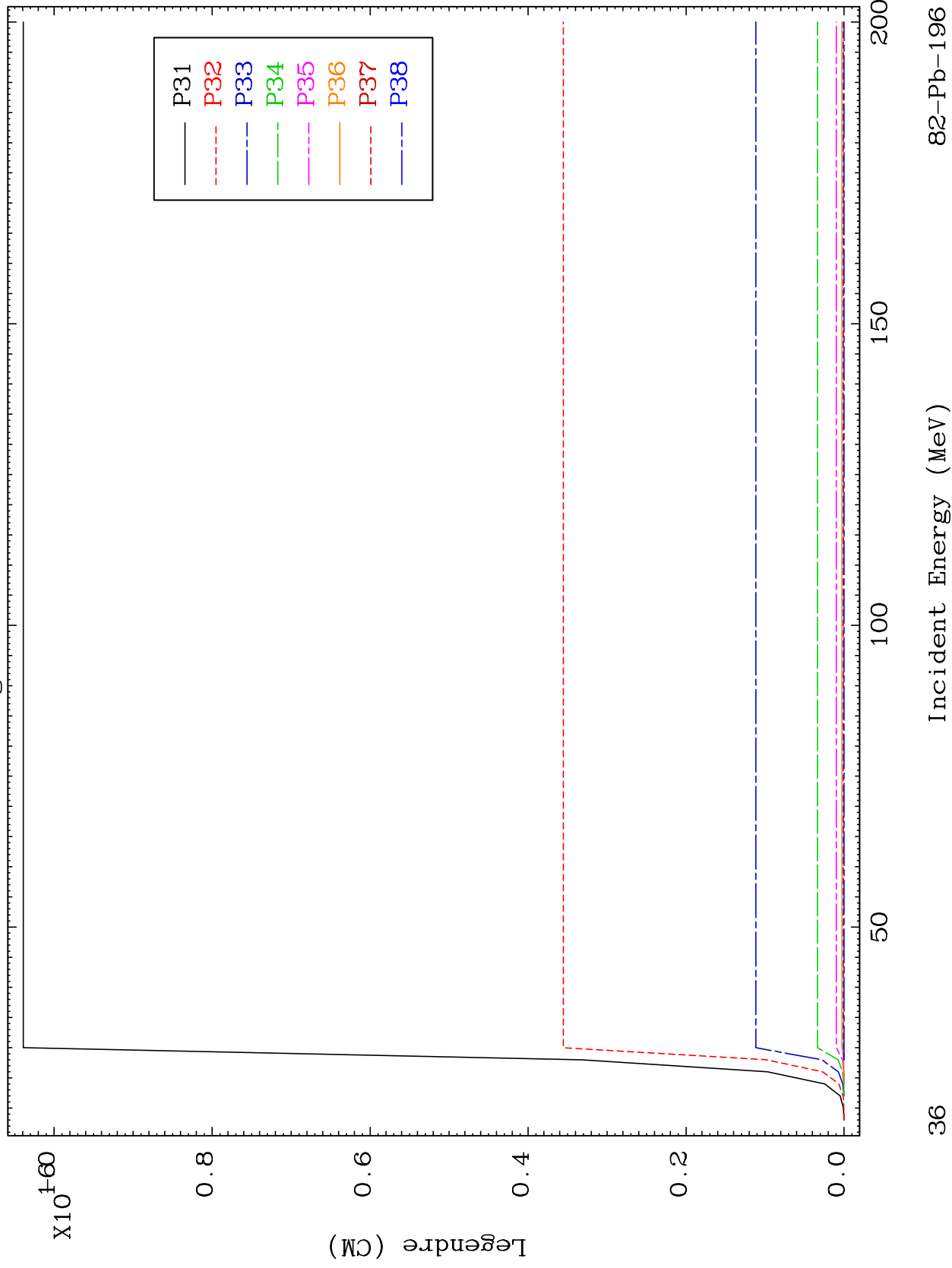
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35

Incident Energy (MeV)

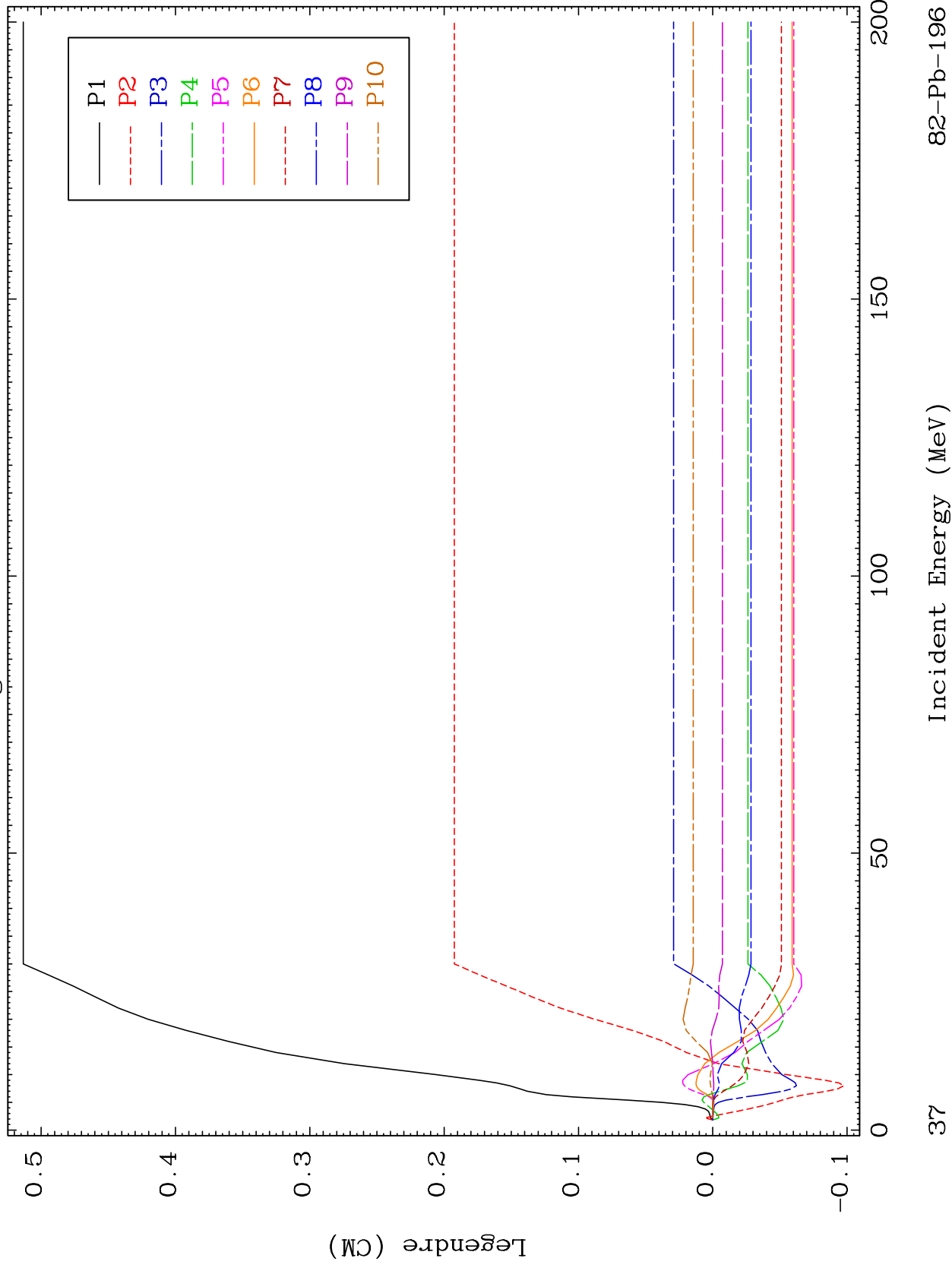
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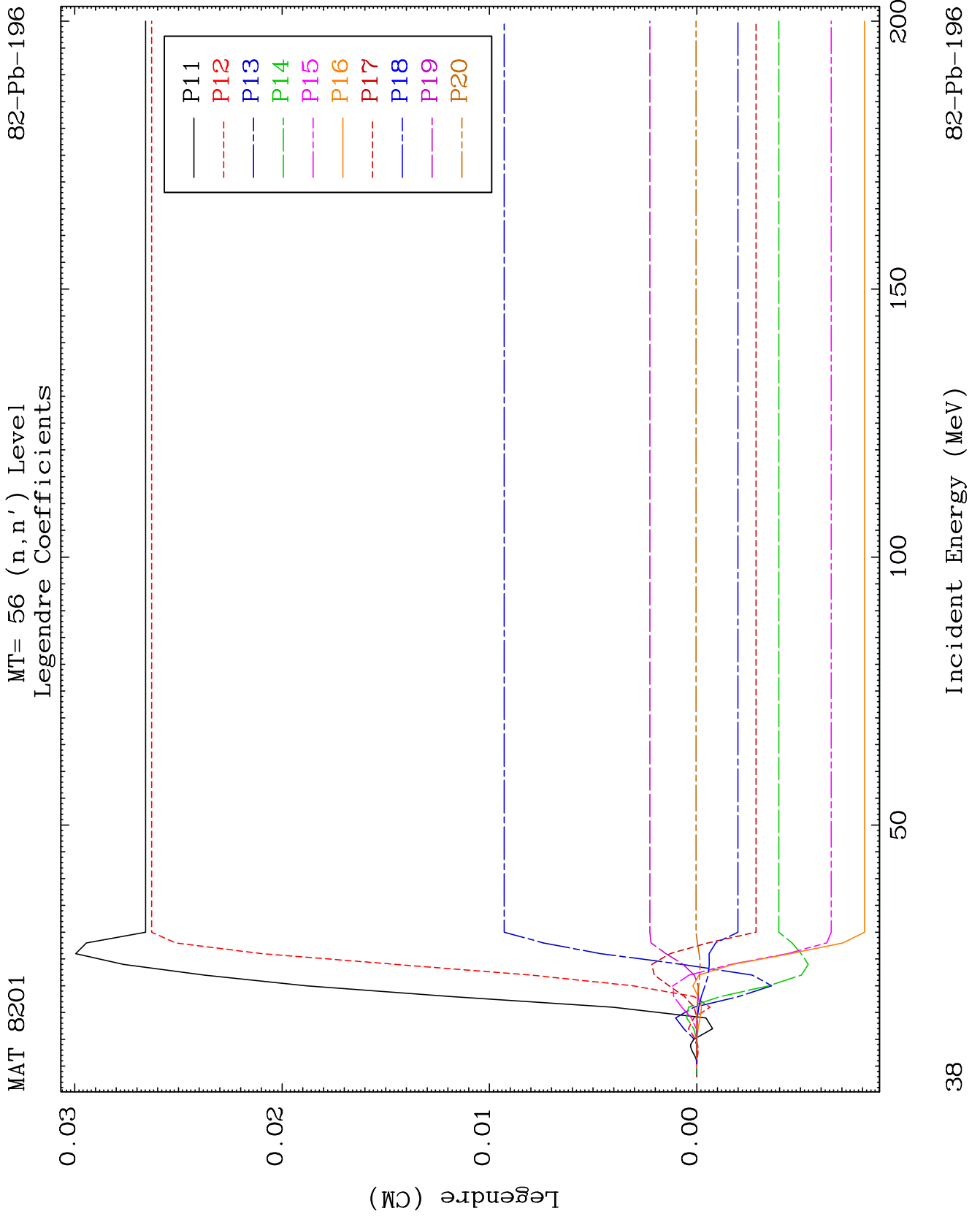


MAT 8201

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

82-Pb-196

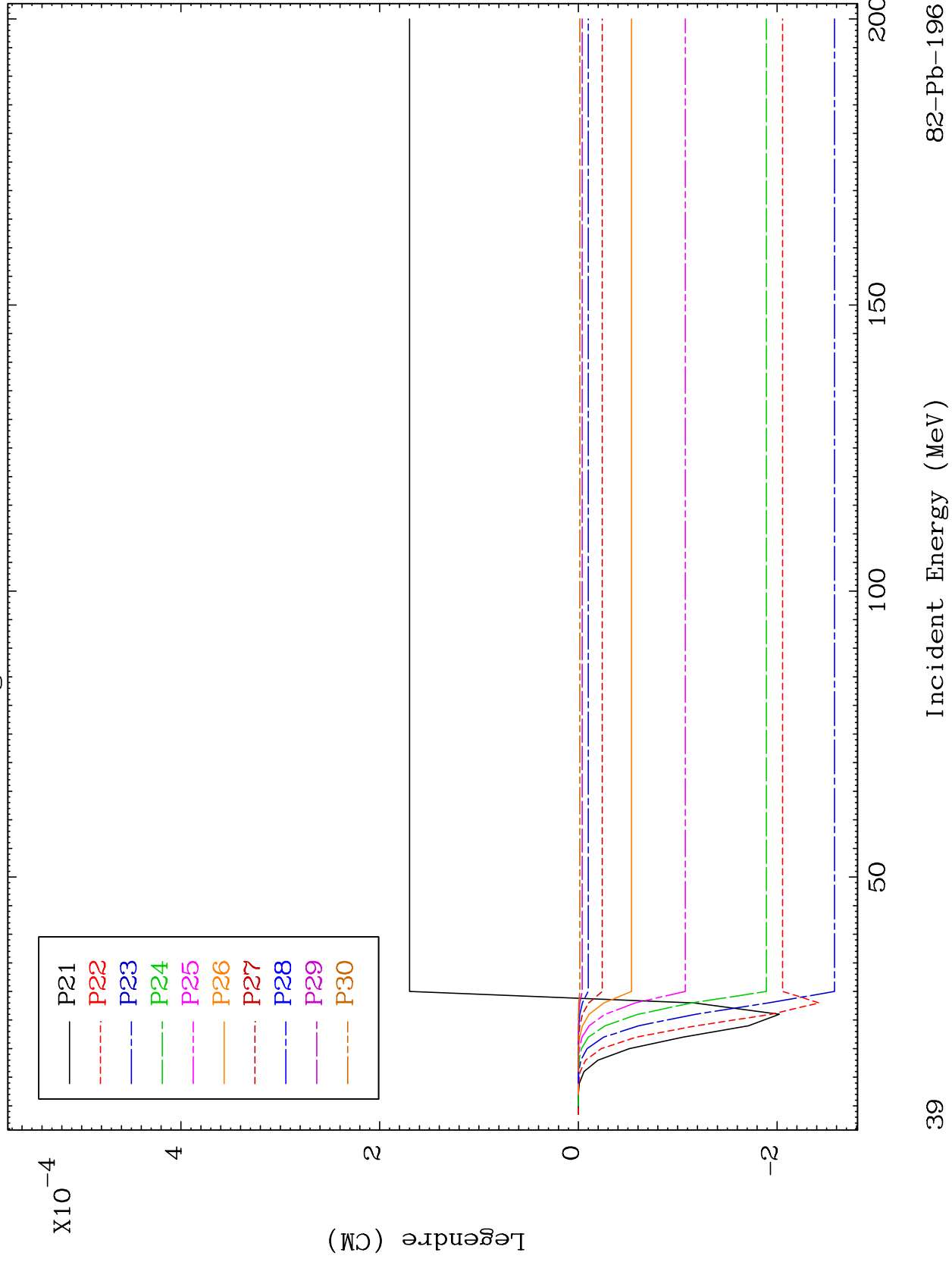


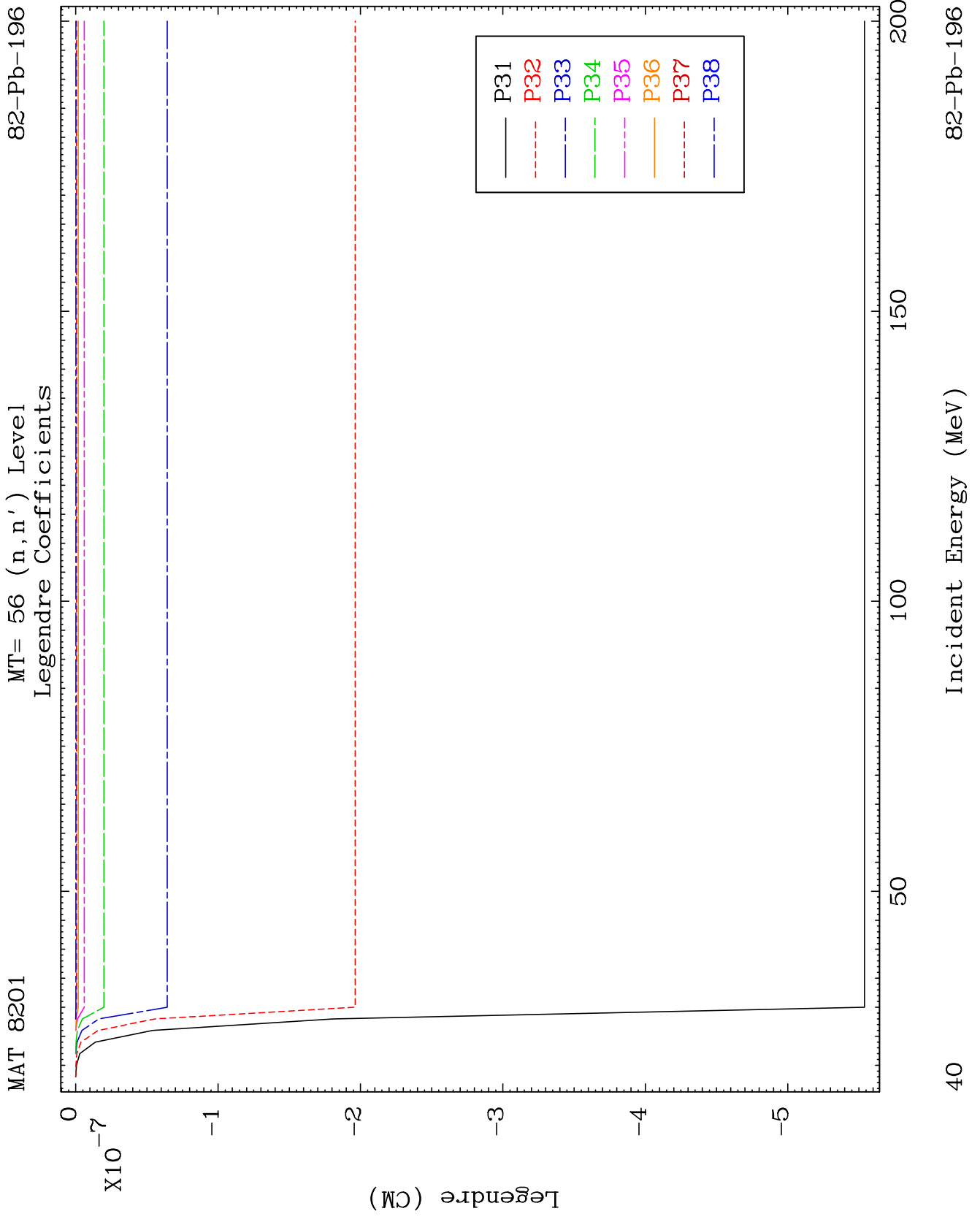


MAT 8201

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

82-Pb-196

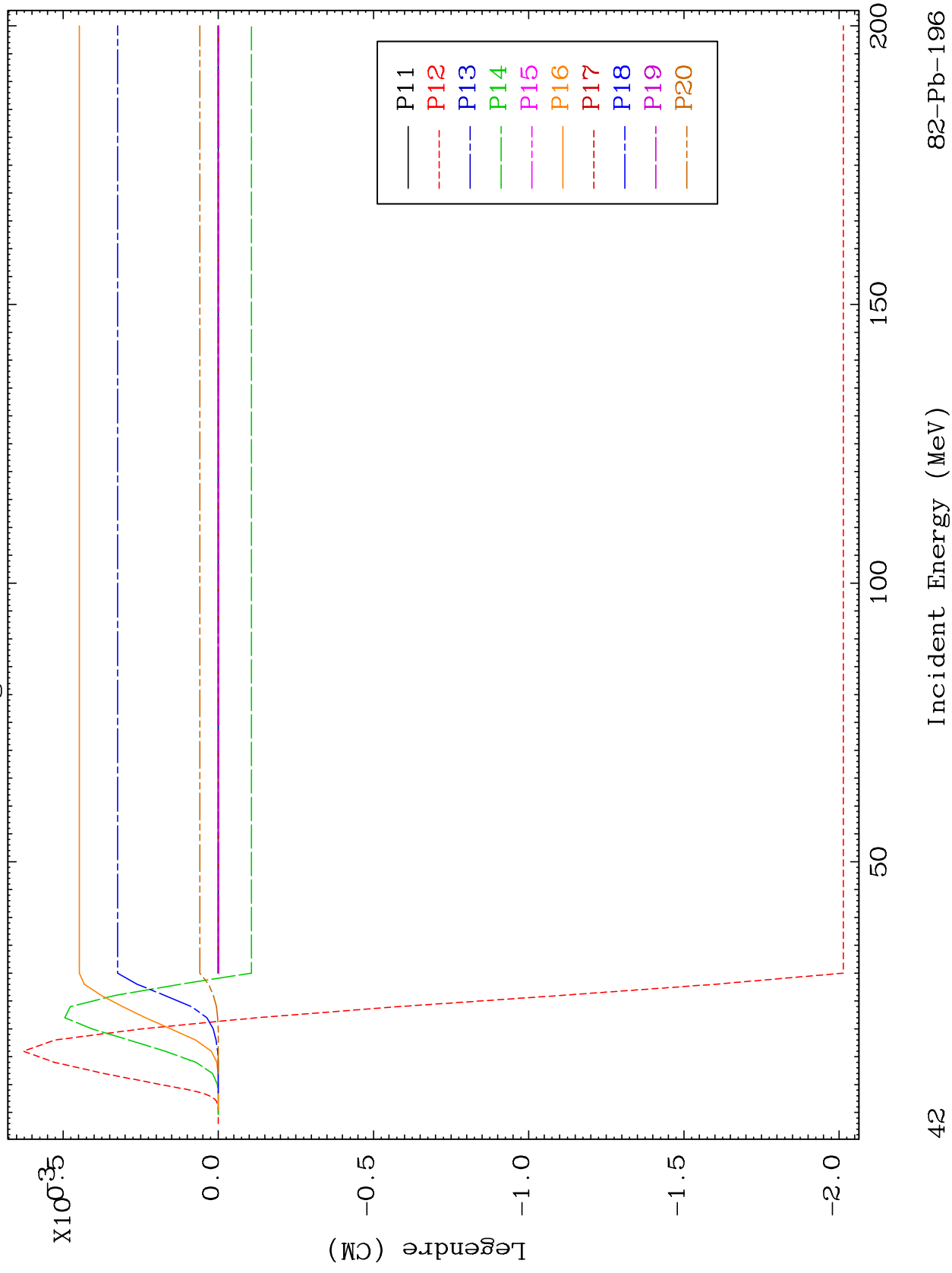


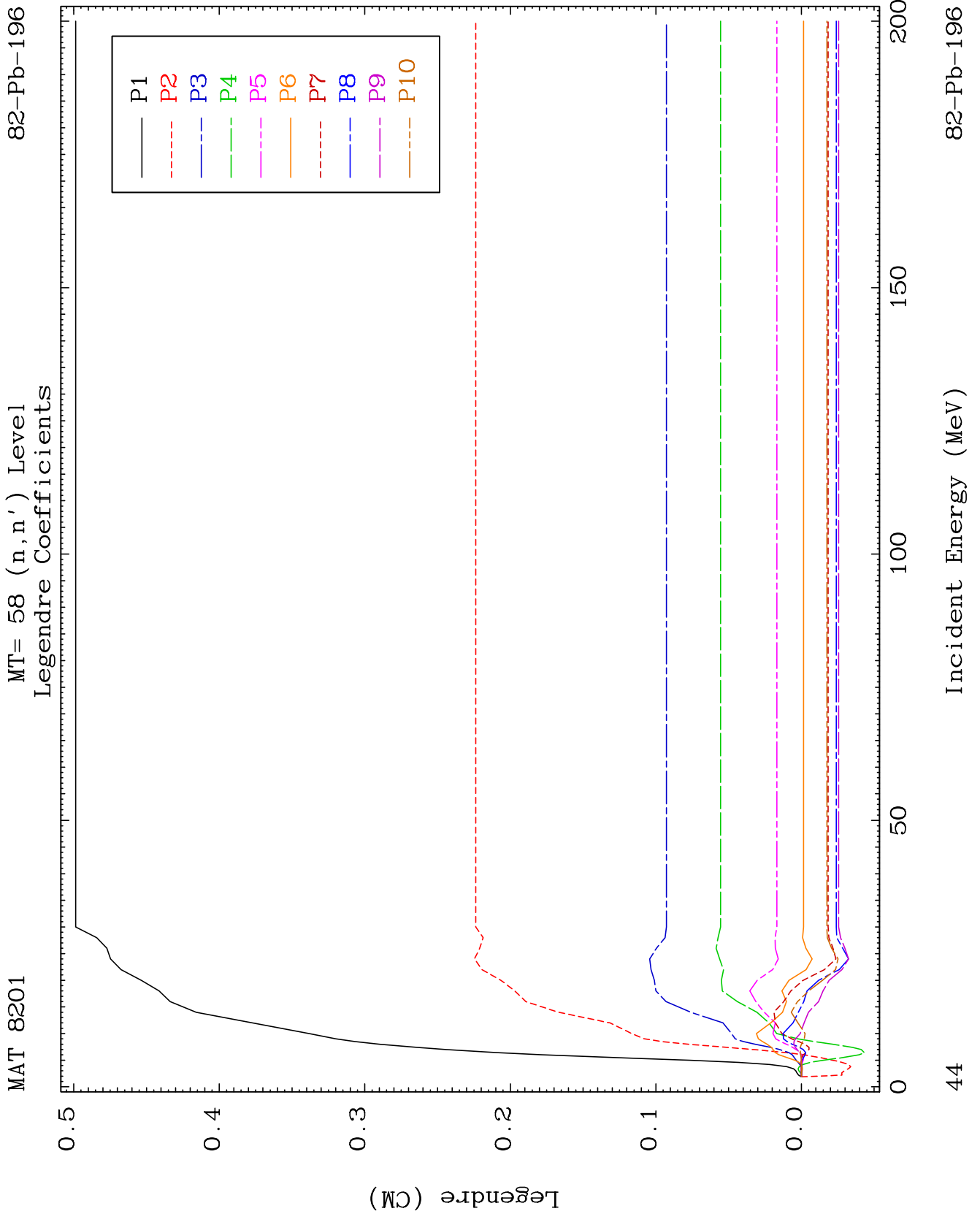


MAT 8201

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

82-Pb-196

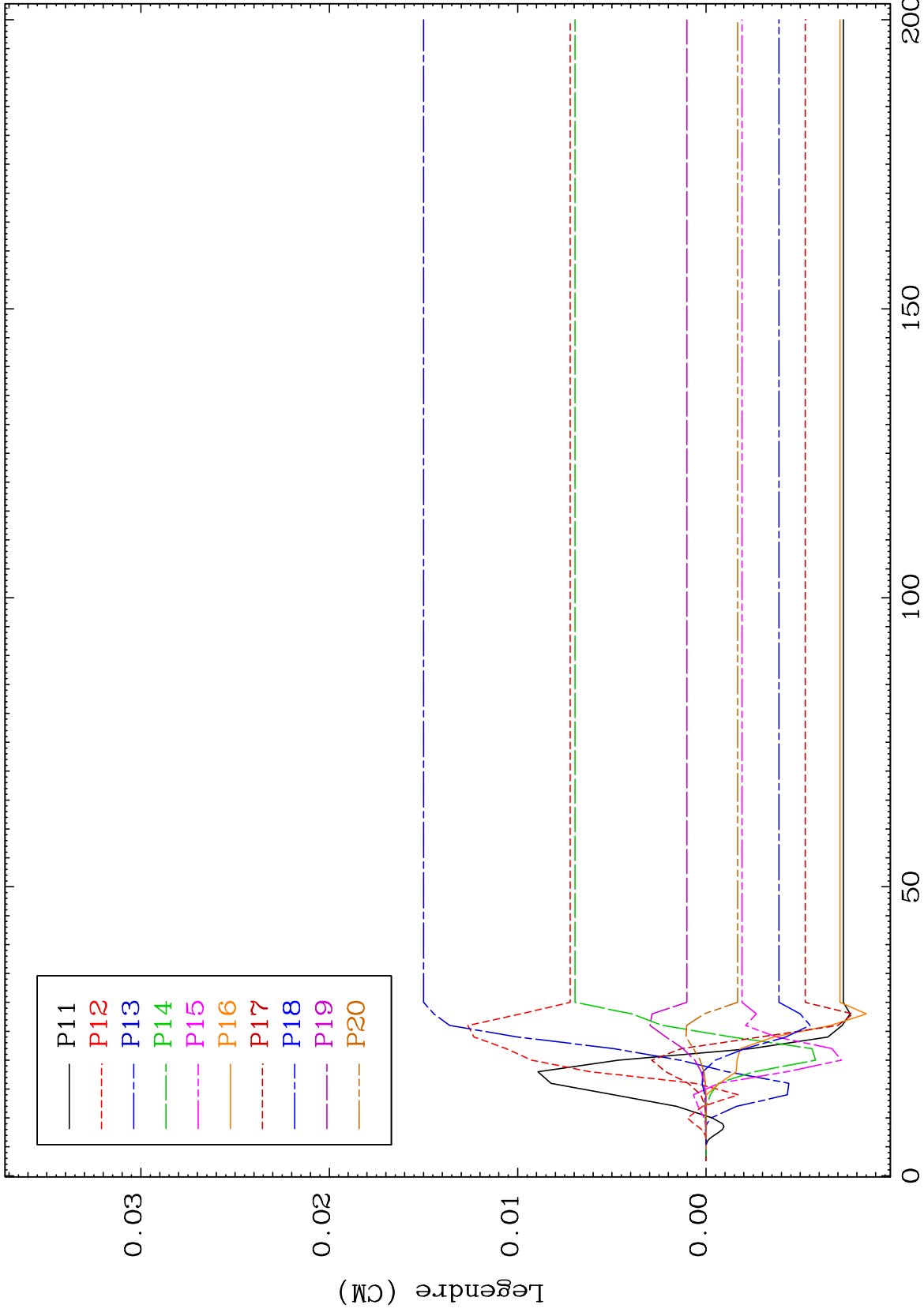




MAT 8201

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

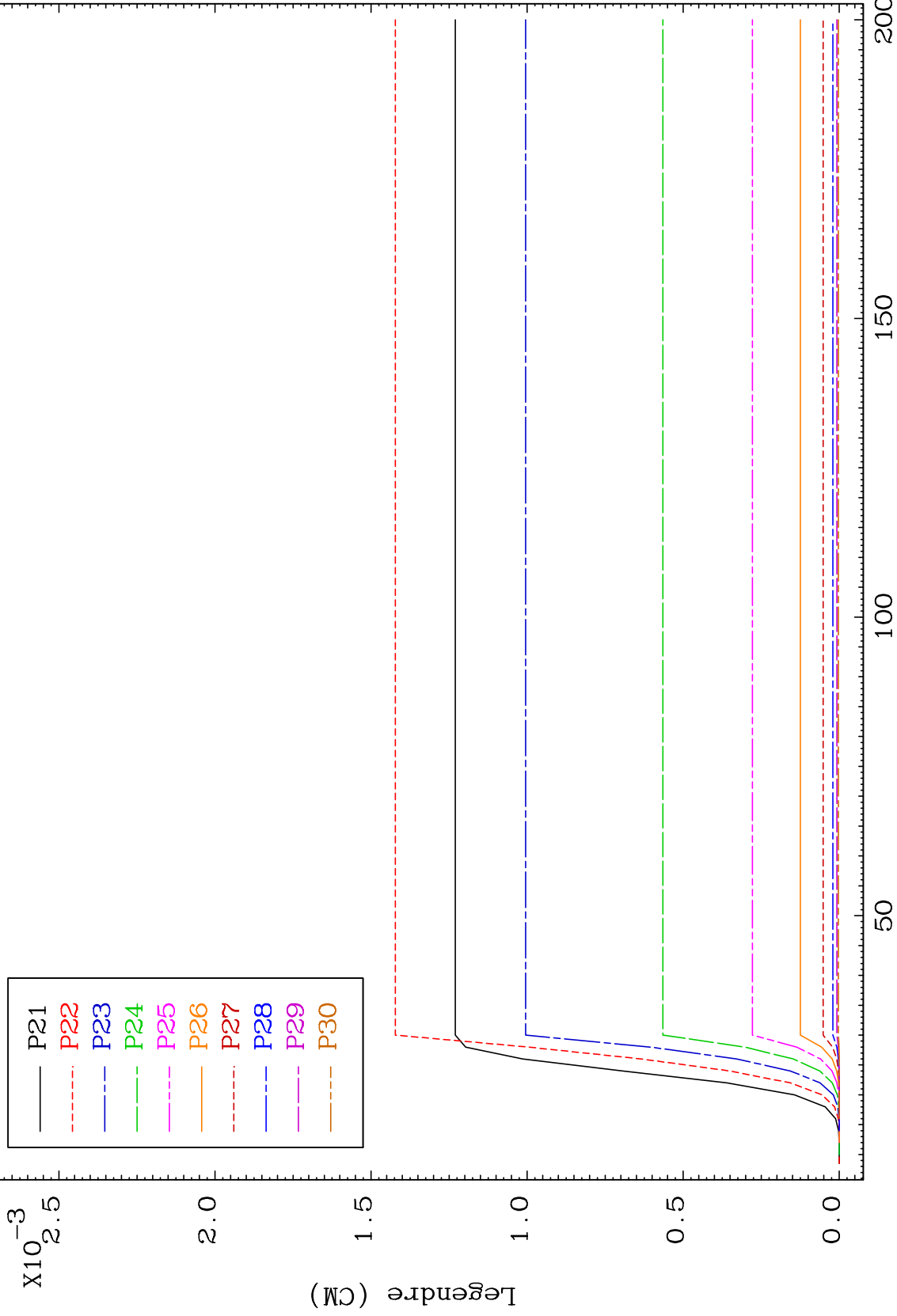
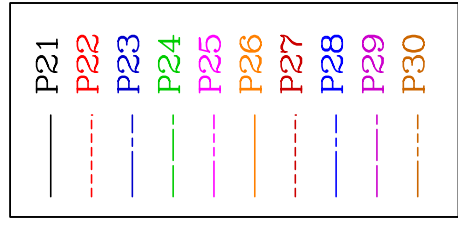
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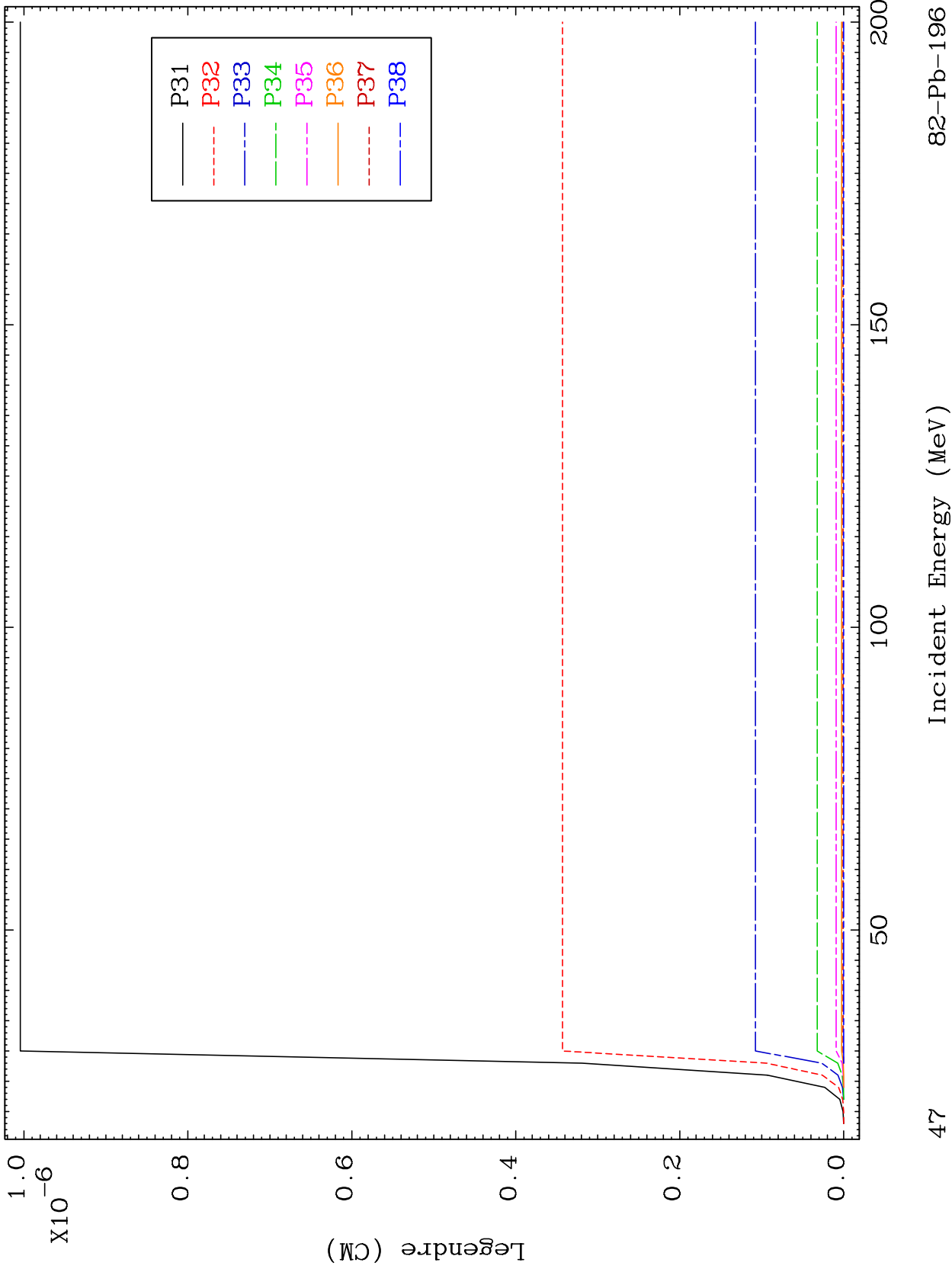


45

Incident Energy (MeV)

82-Pb-196

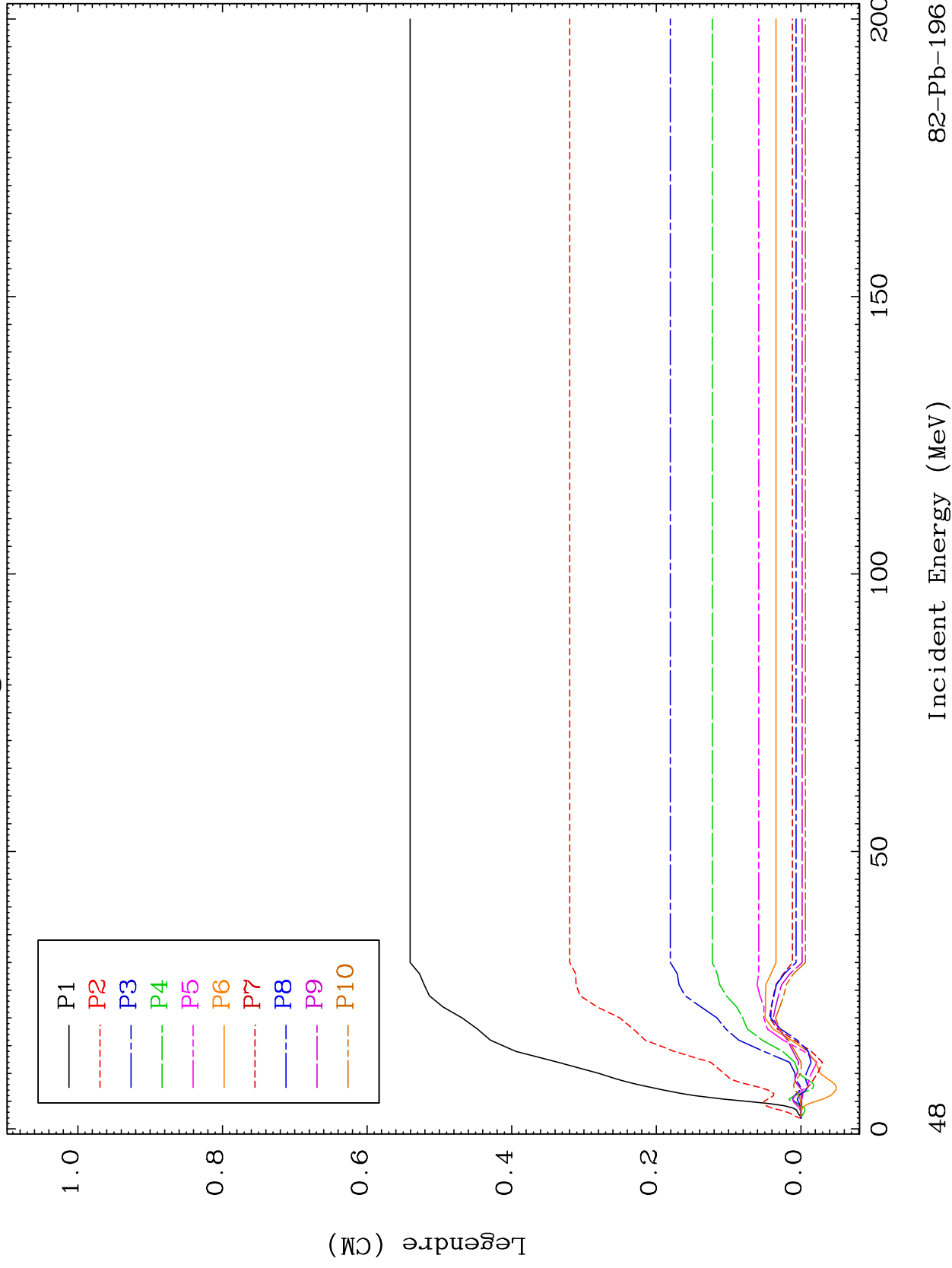




MAT 8201

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

82-Pb-196



82-Pb-196

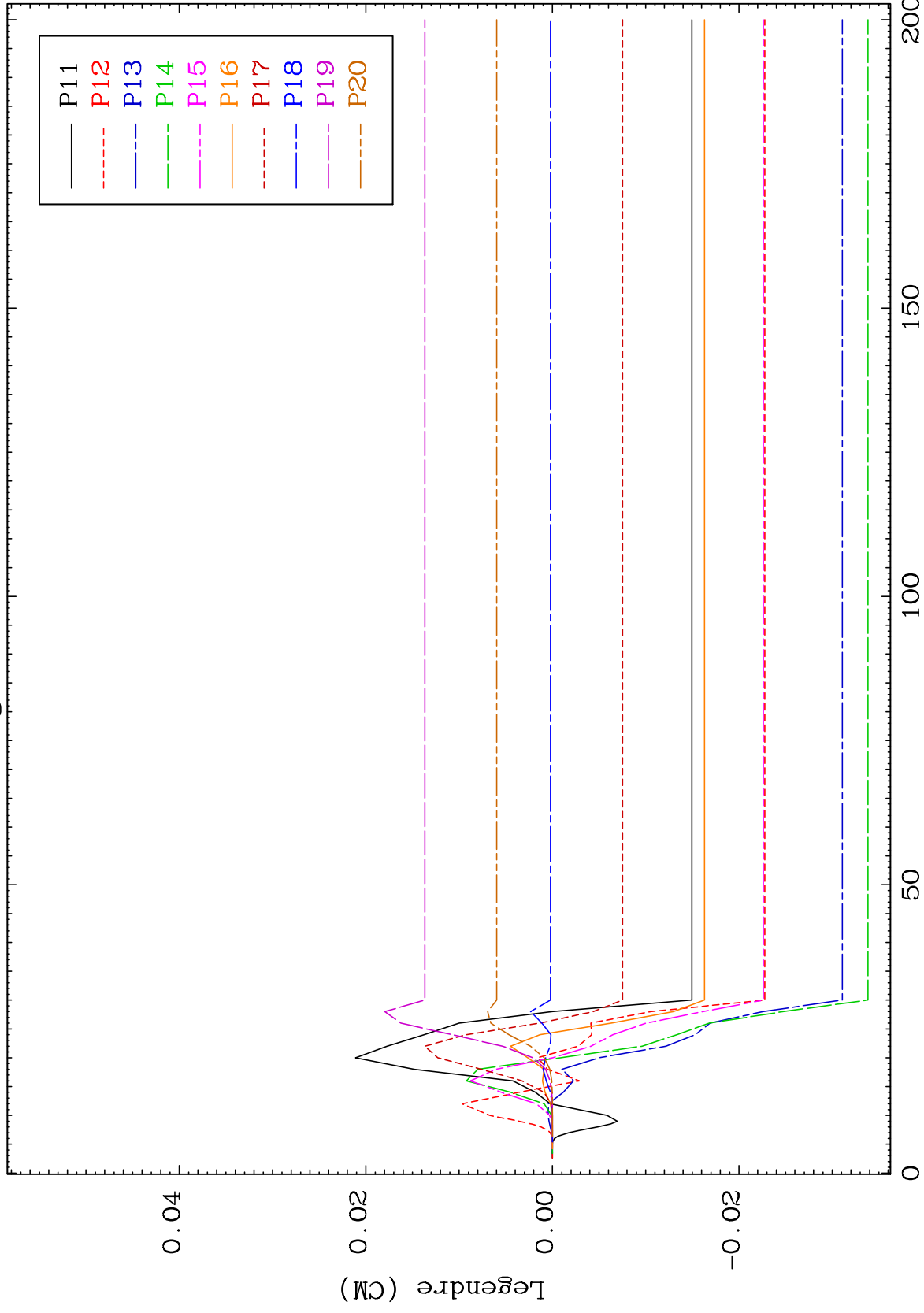
Incident Energy (MeV)

48

MAT 8201

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

82-Pb-196



49

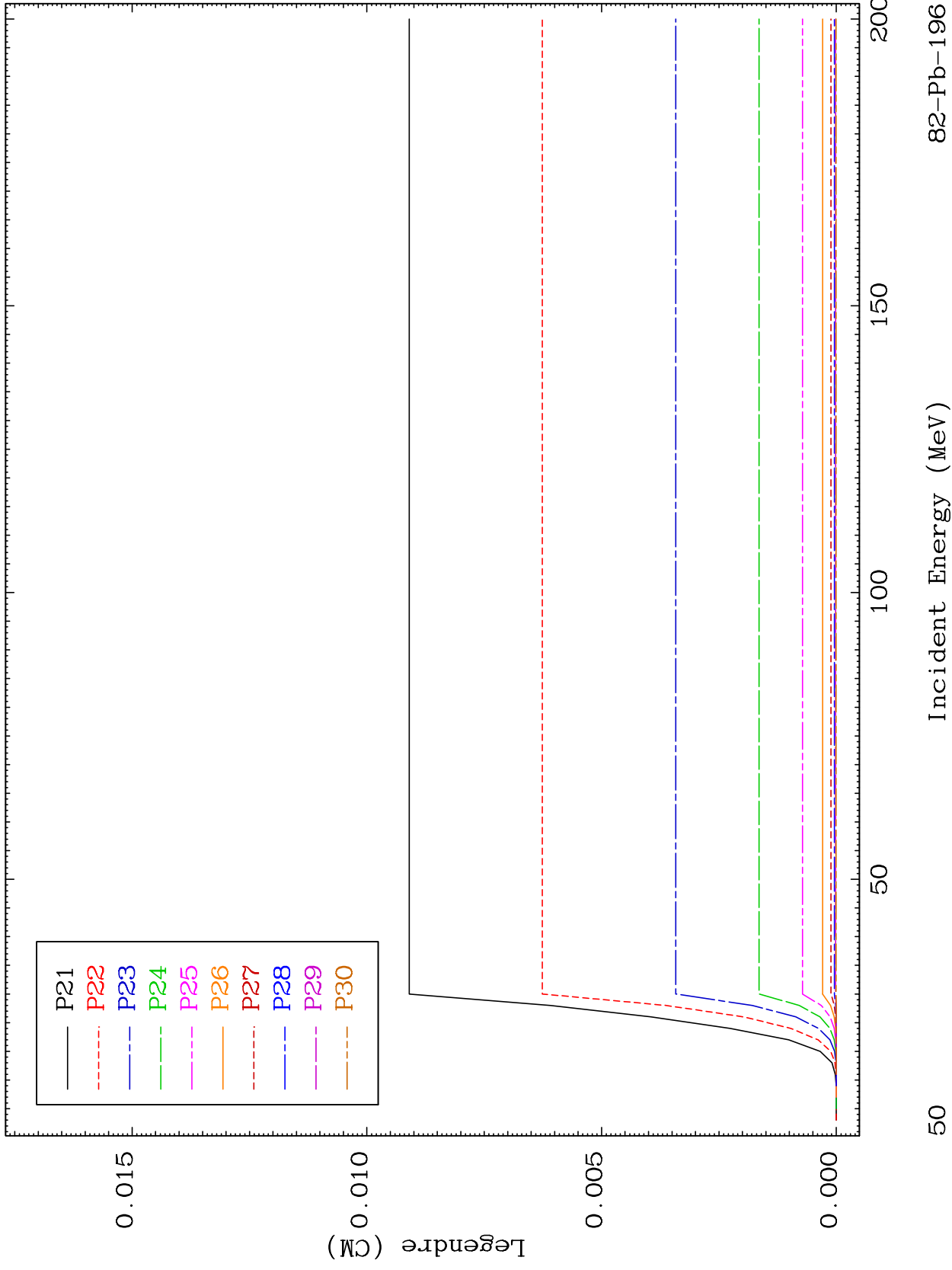
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

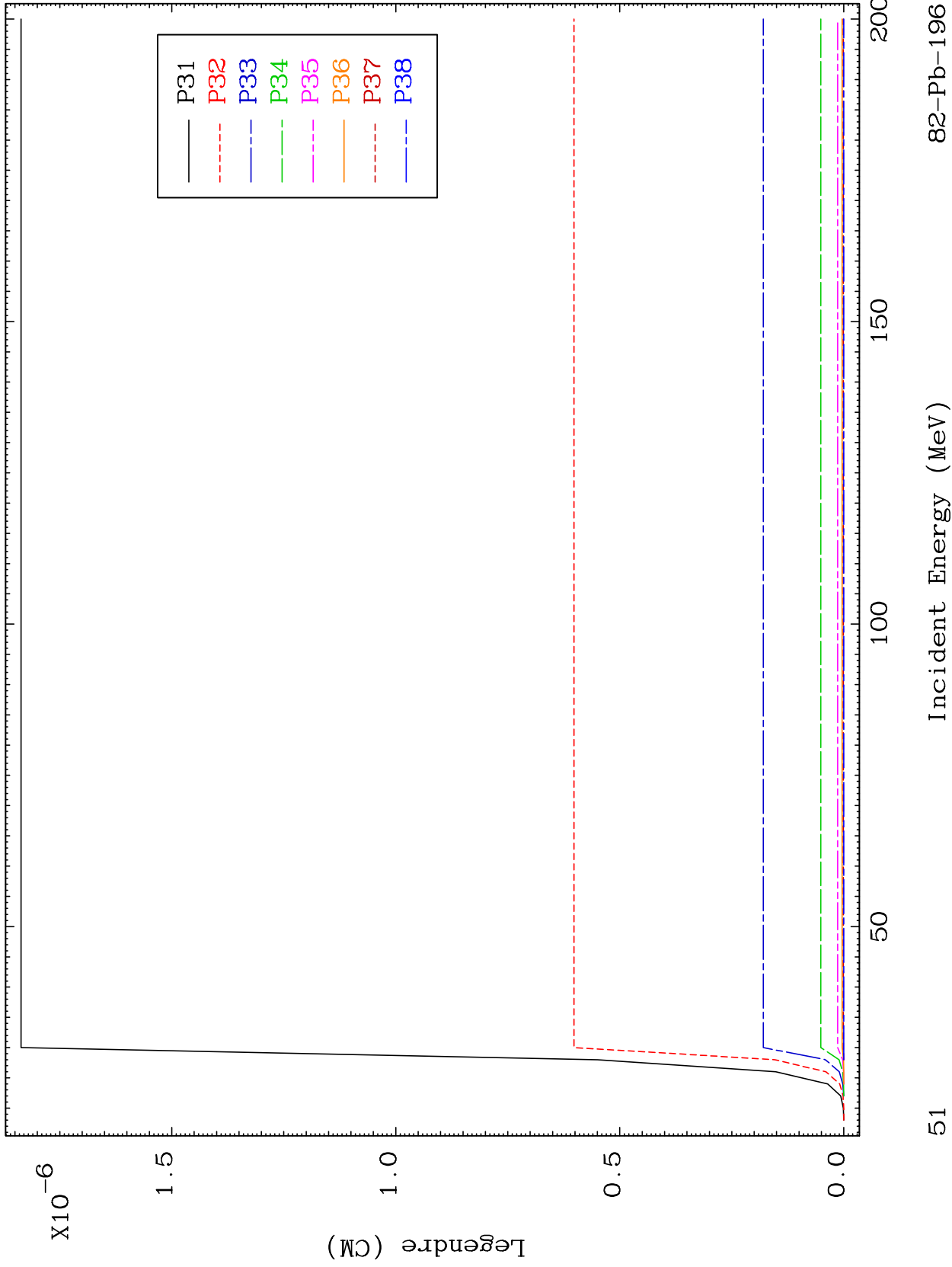
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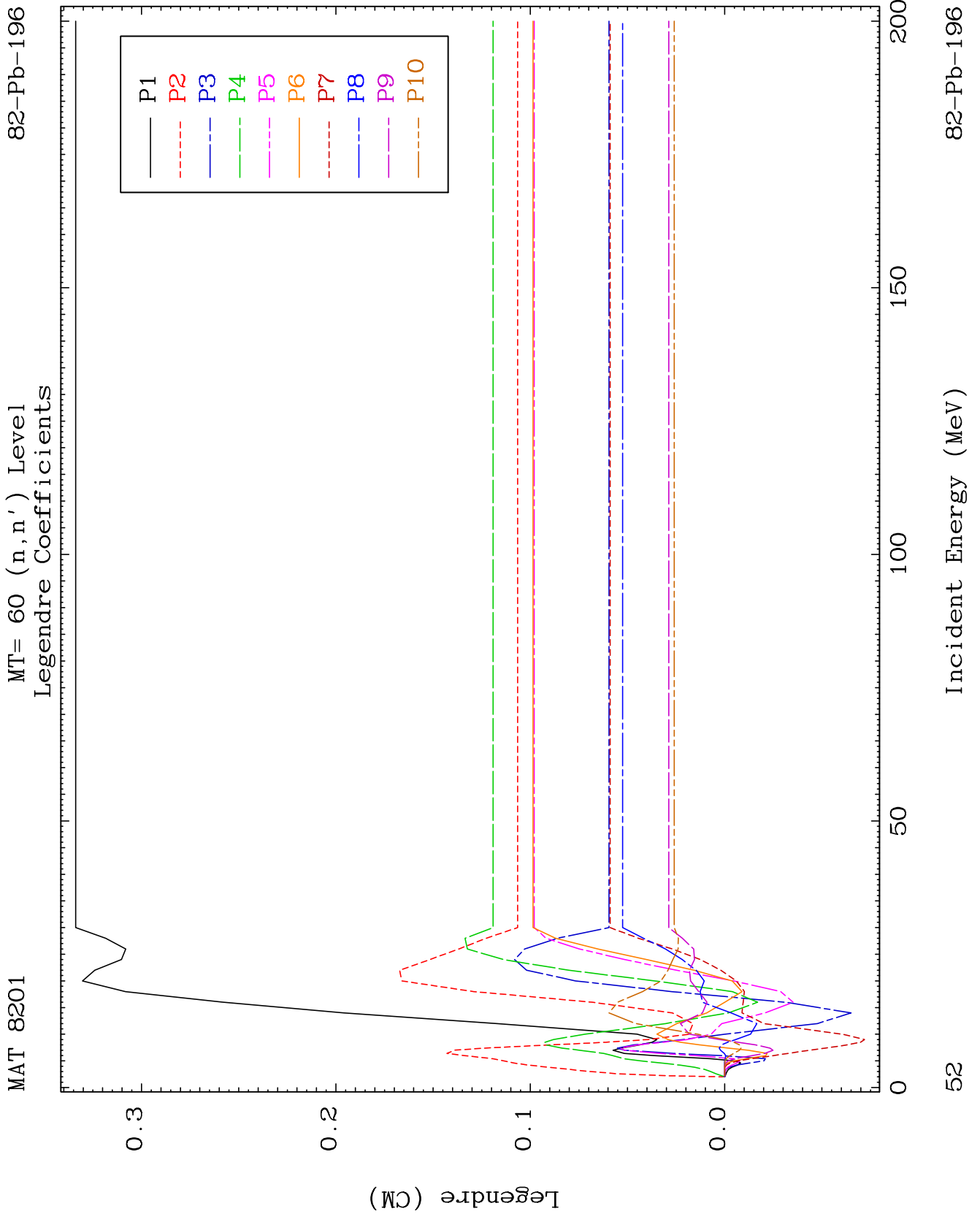


82-Pb-196

Incident Energy (MeV)

50

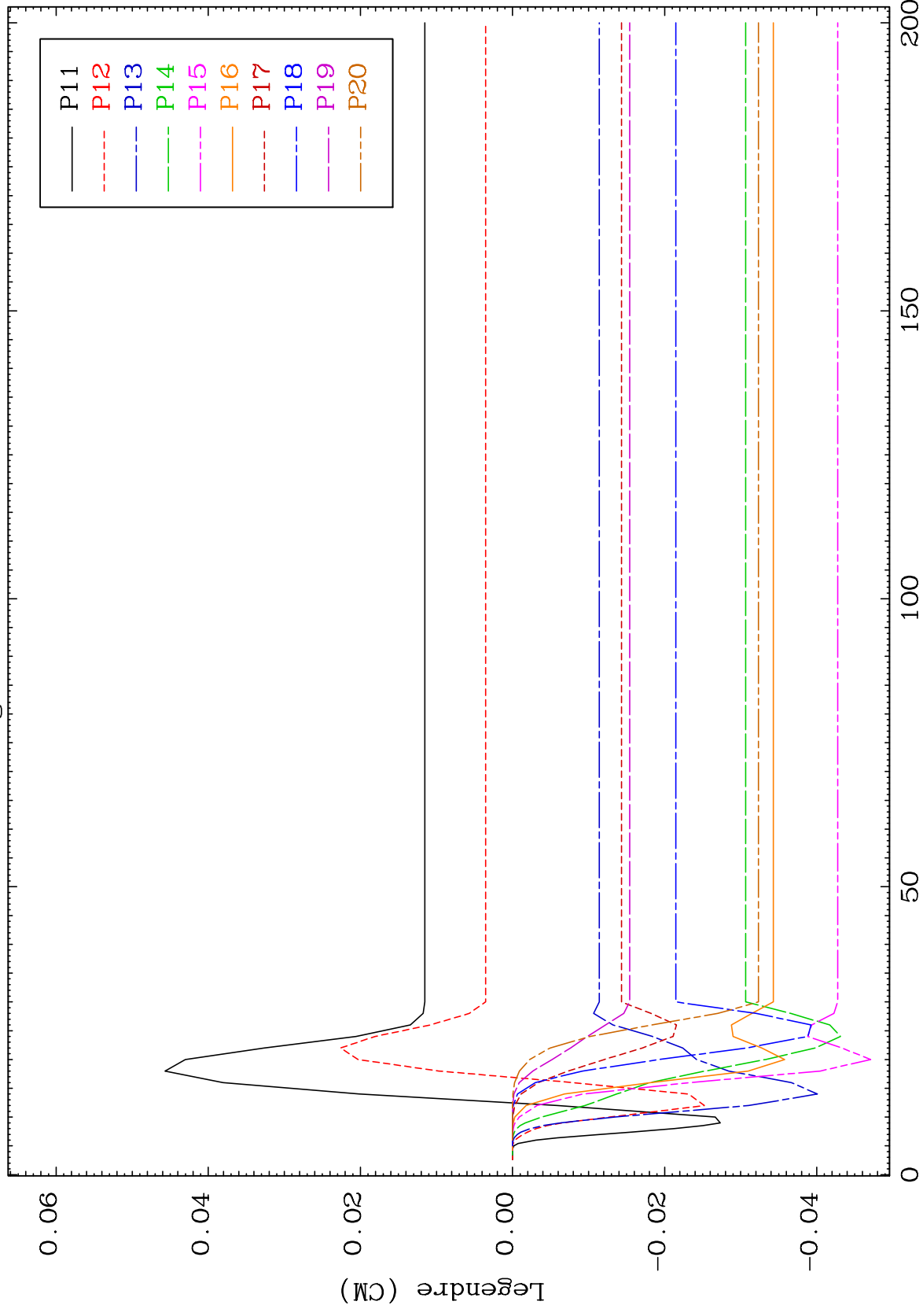




MAT 8201

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

82-Pb-196



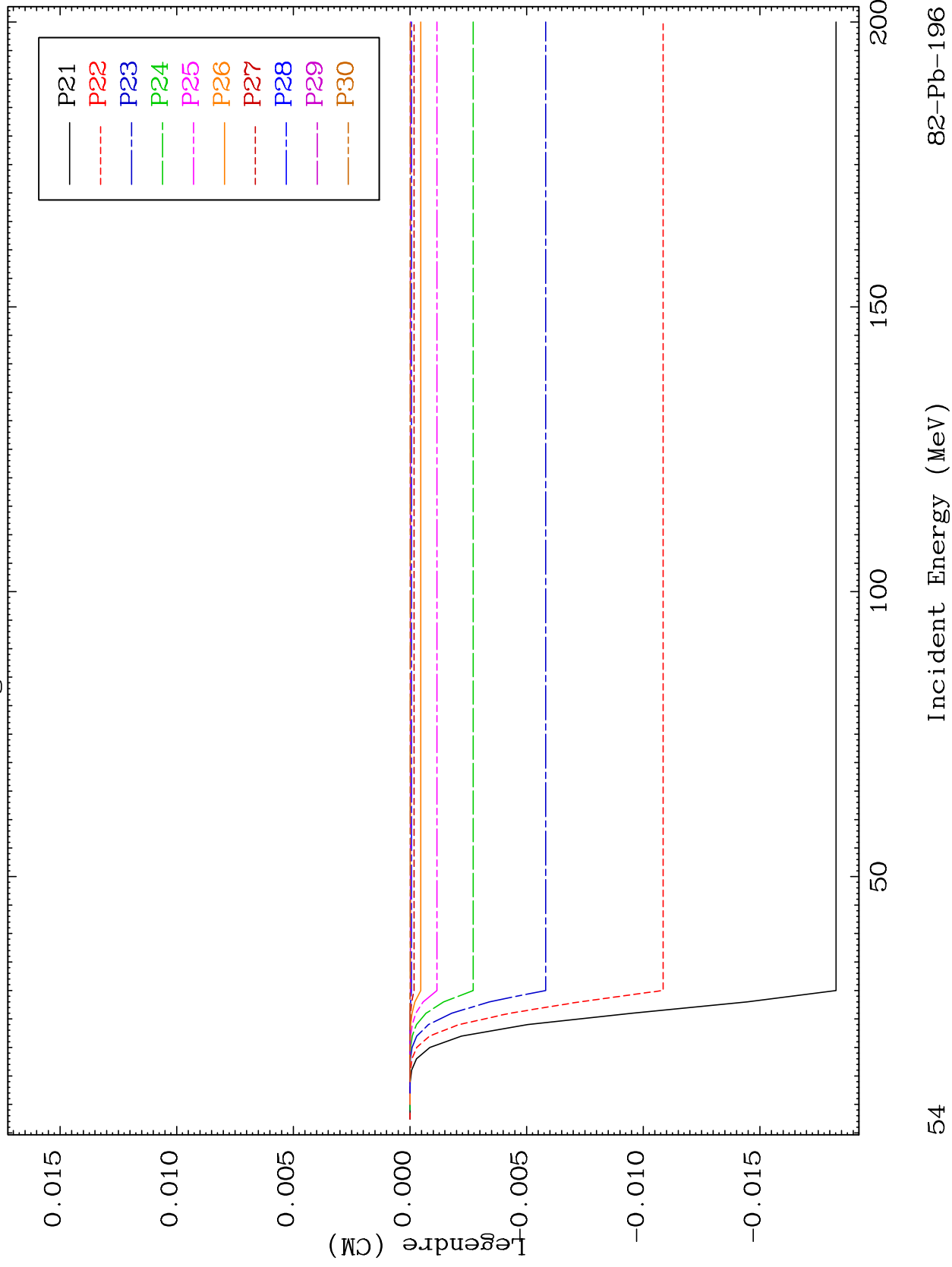
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82-Pb-196

MAT 8201

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

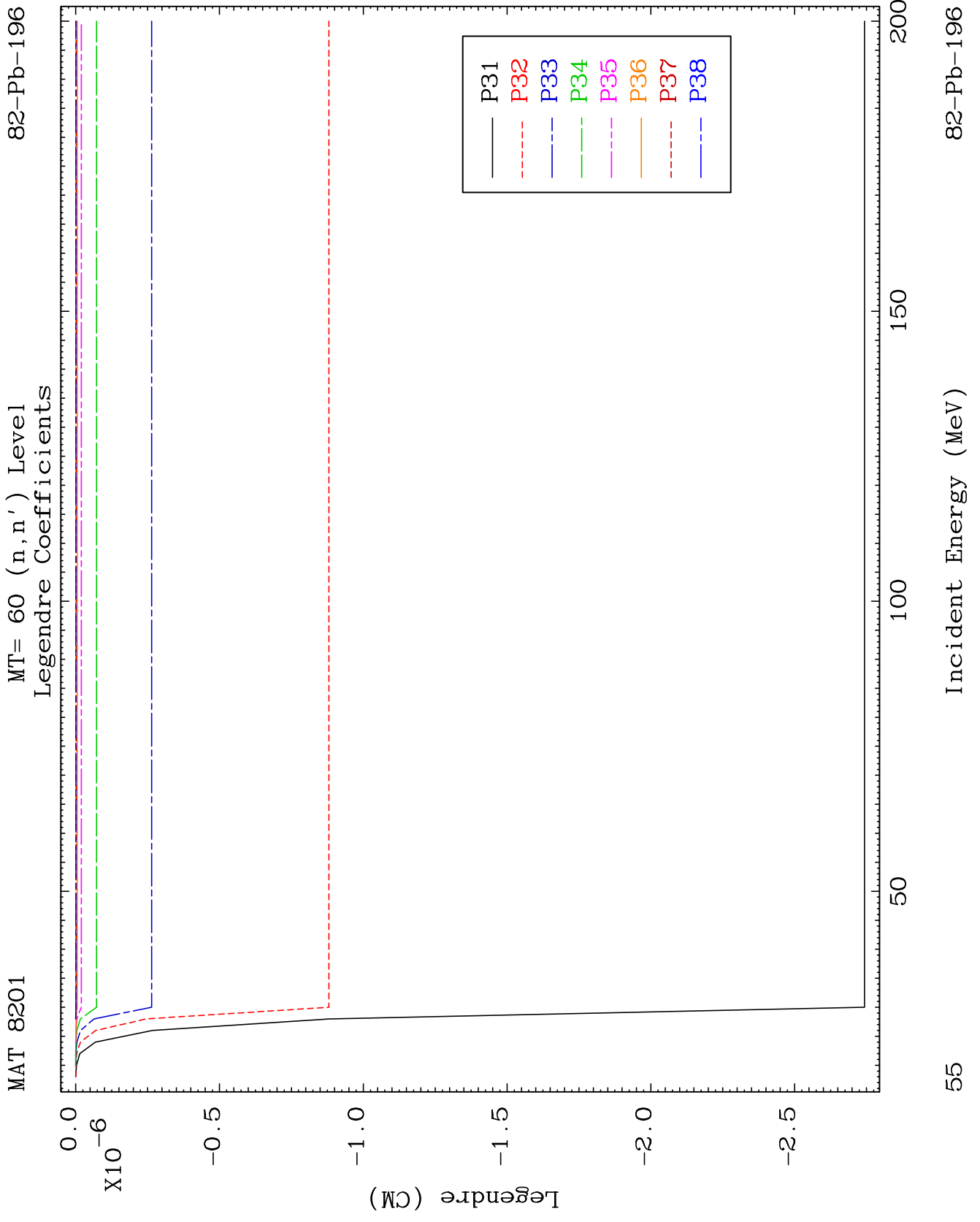
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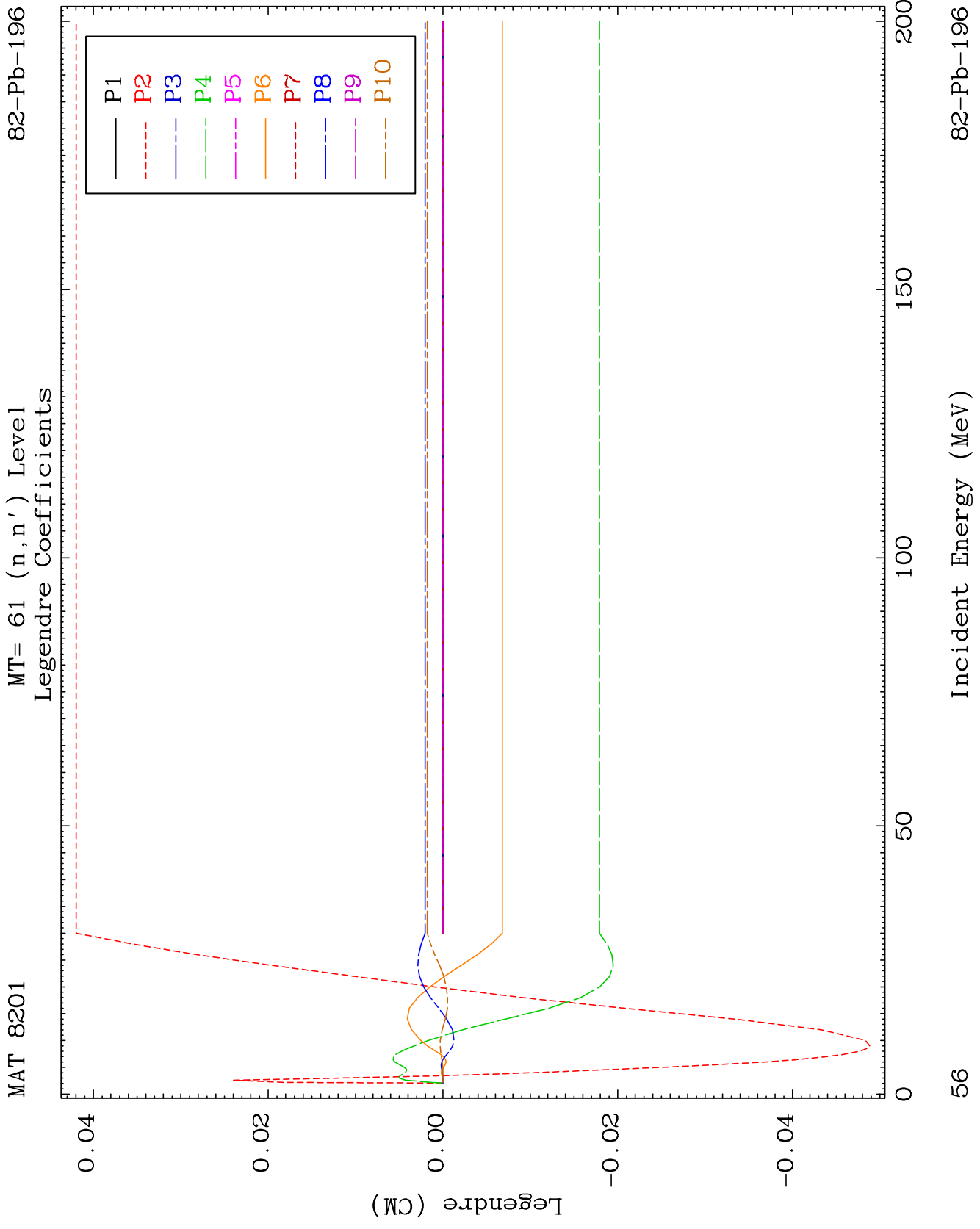


54

Incident Energy (MeV)

82-Pb-196

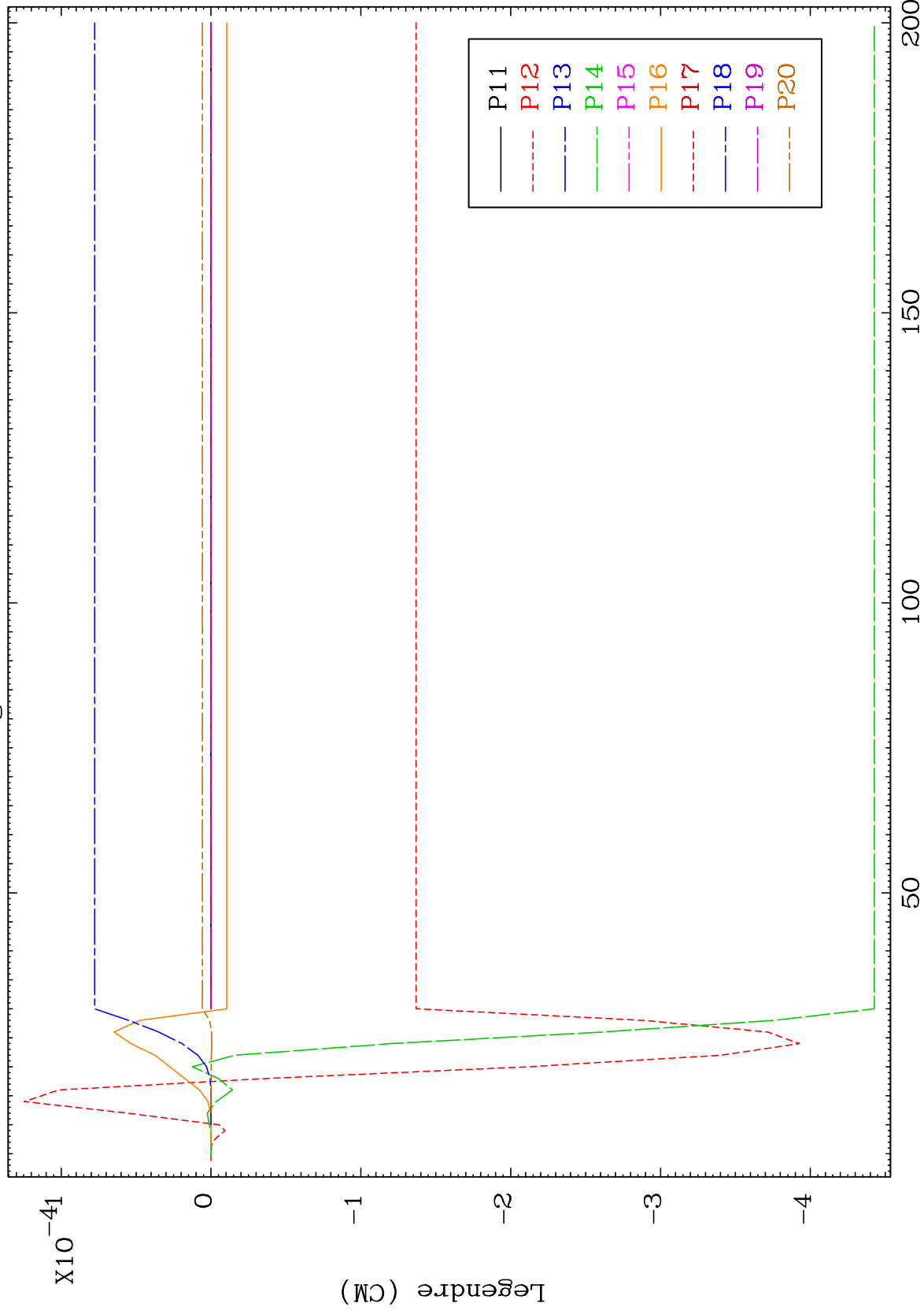




MAT 8201

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

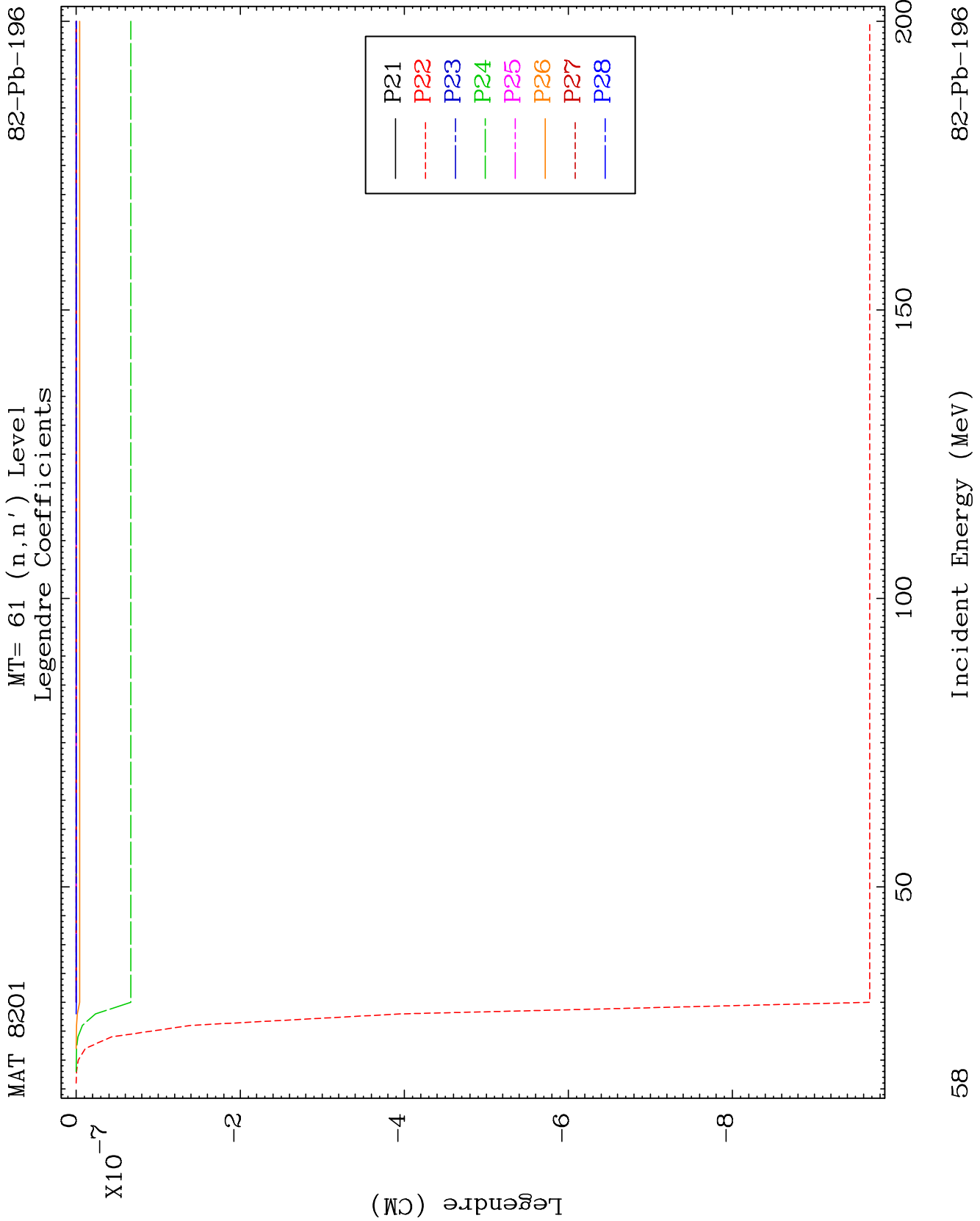
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57

Incident Energy (MeV)

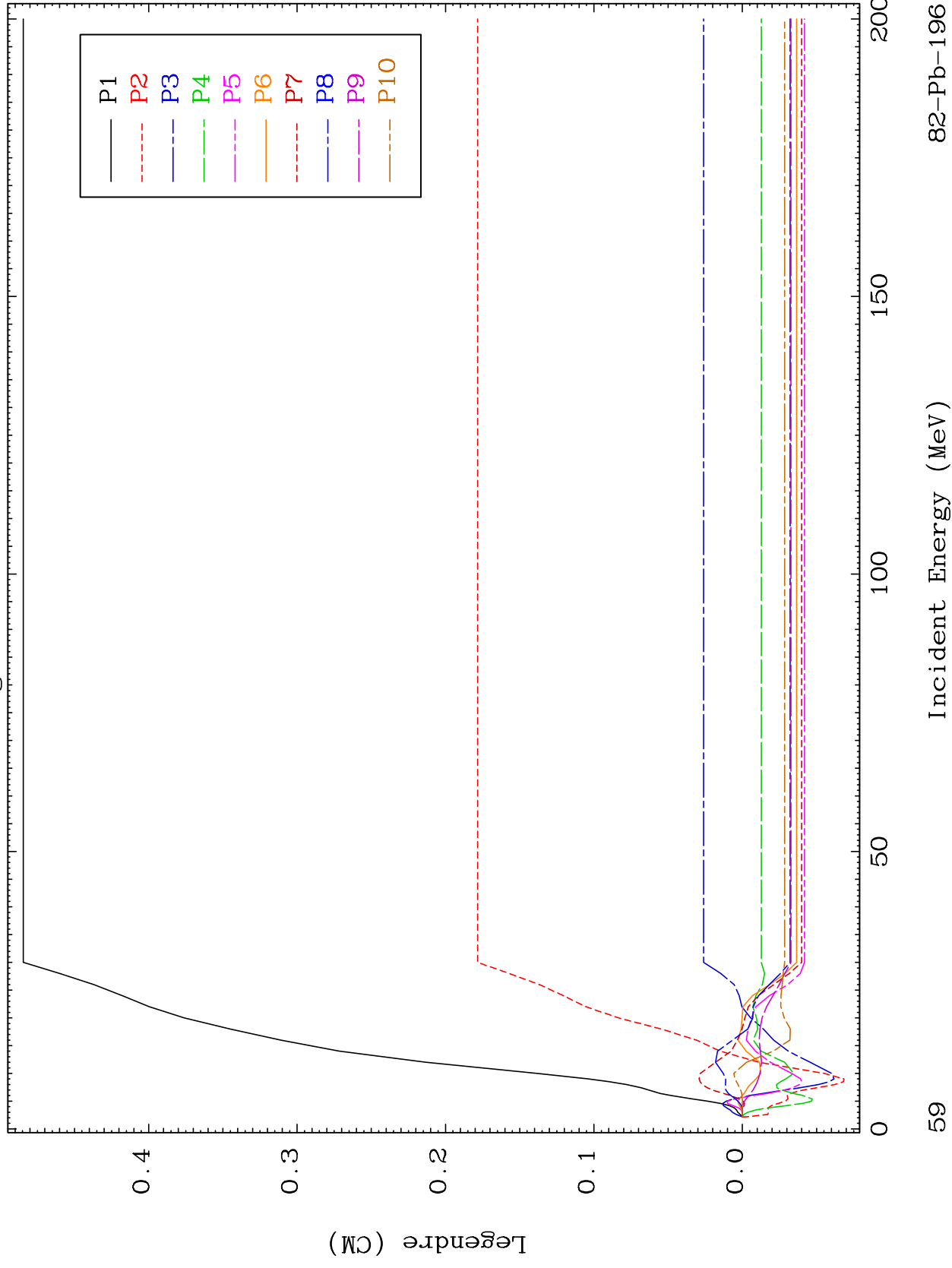
82-Pb-196



MAT 8201

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

82-Pb-196



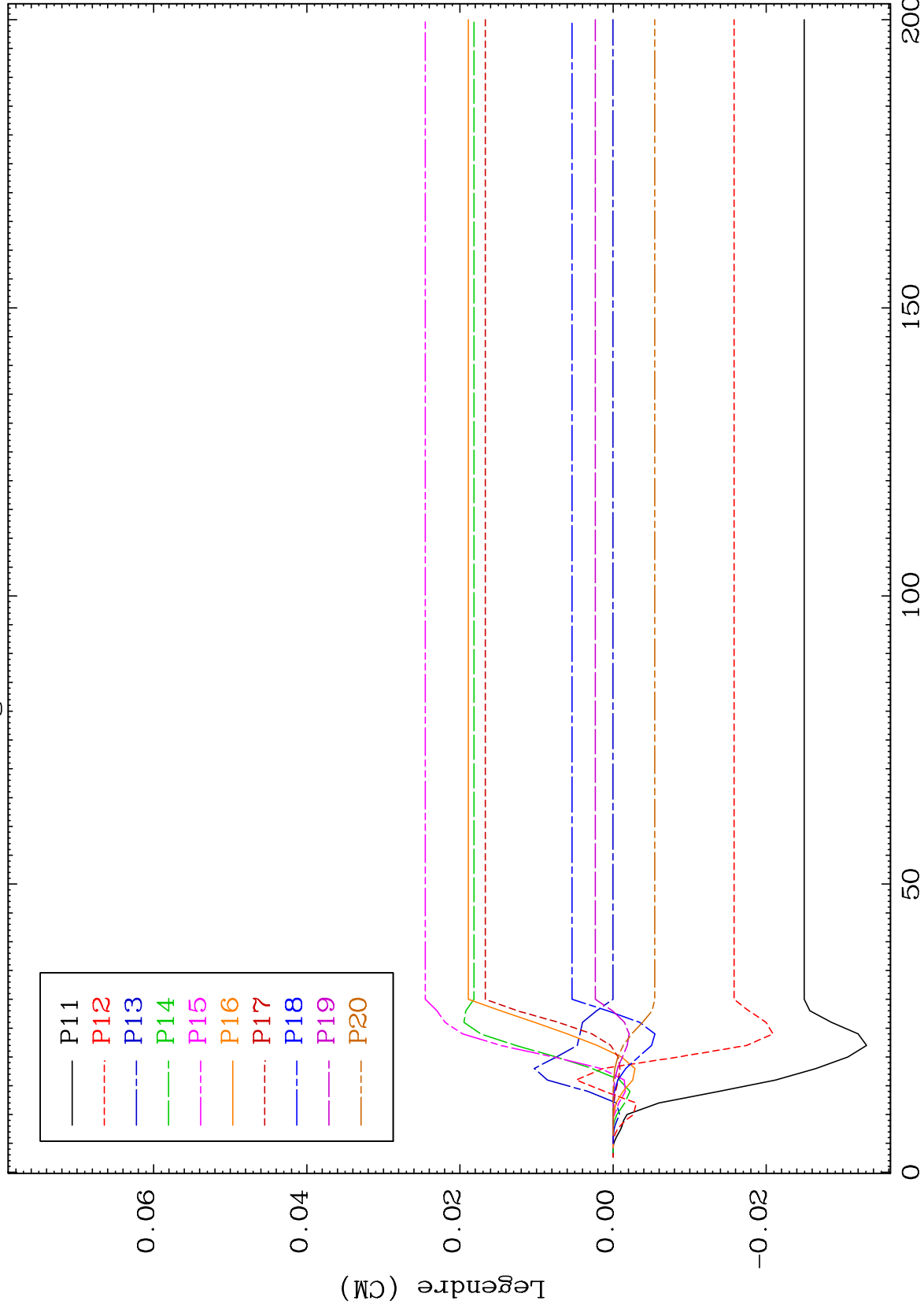
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82-Pb-196

MAT 8201

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

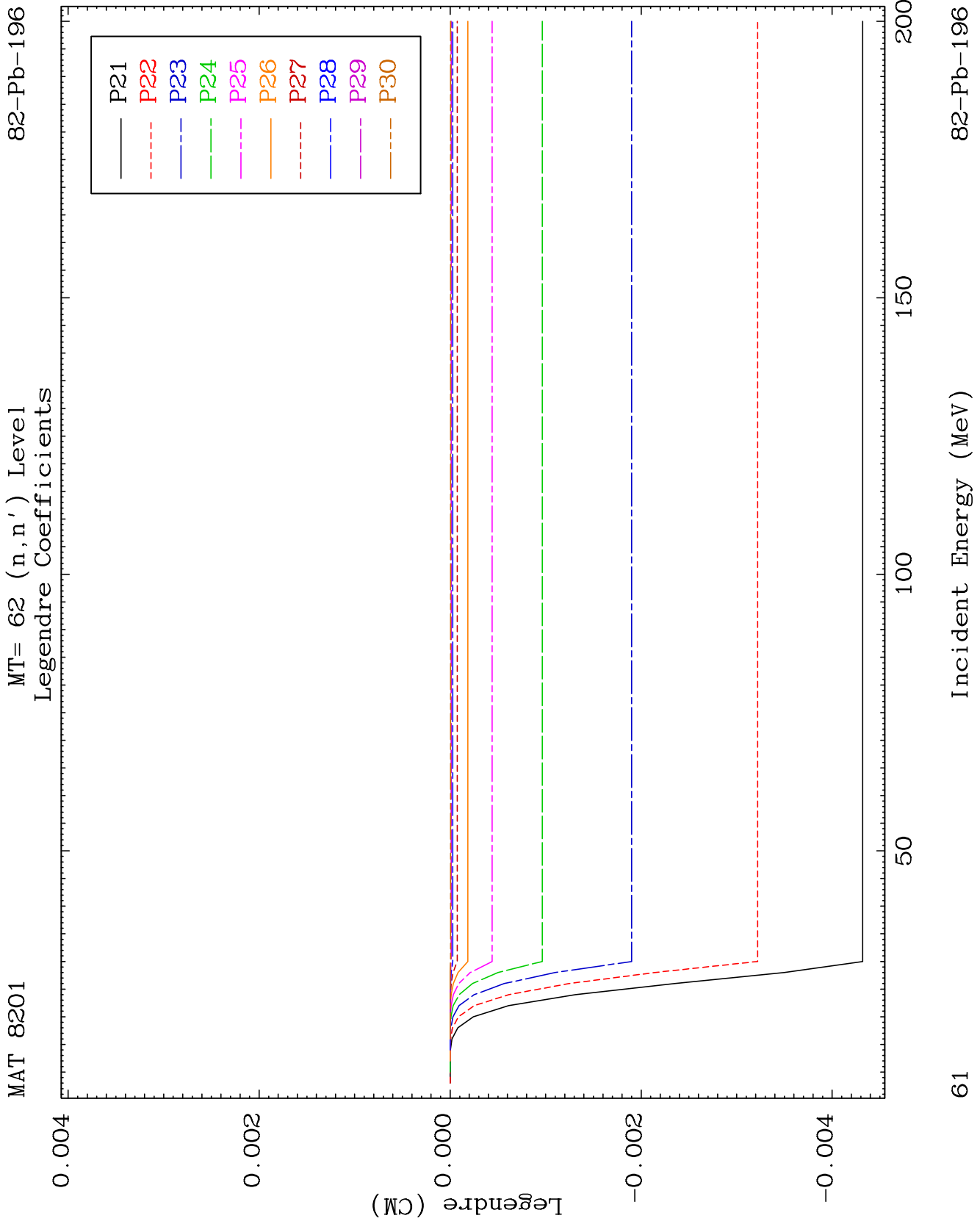
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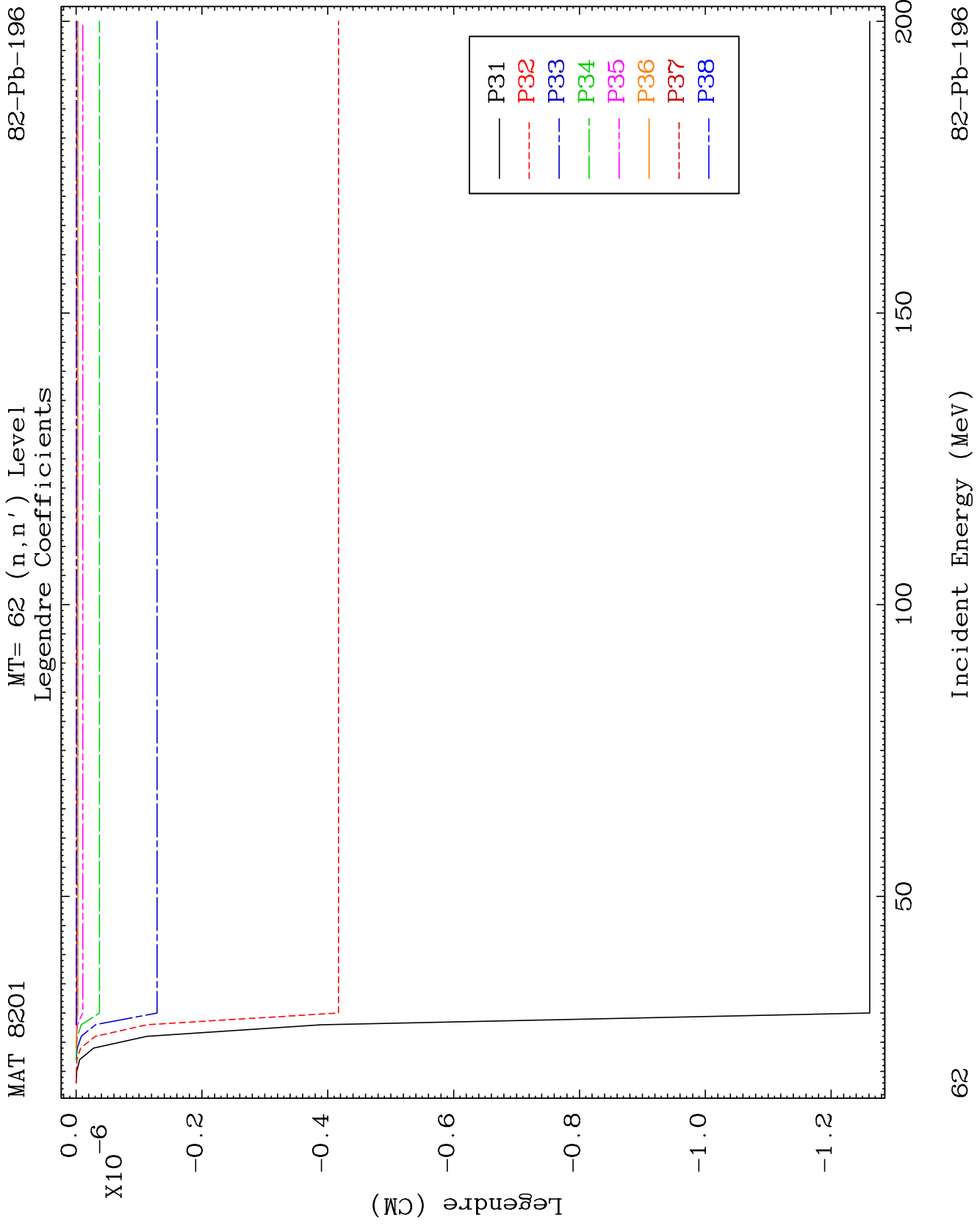


82-Pb-196

Incident Energy (MeV)

60

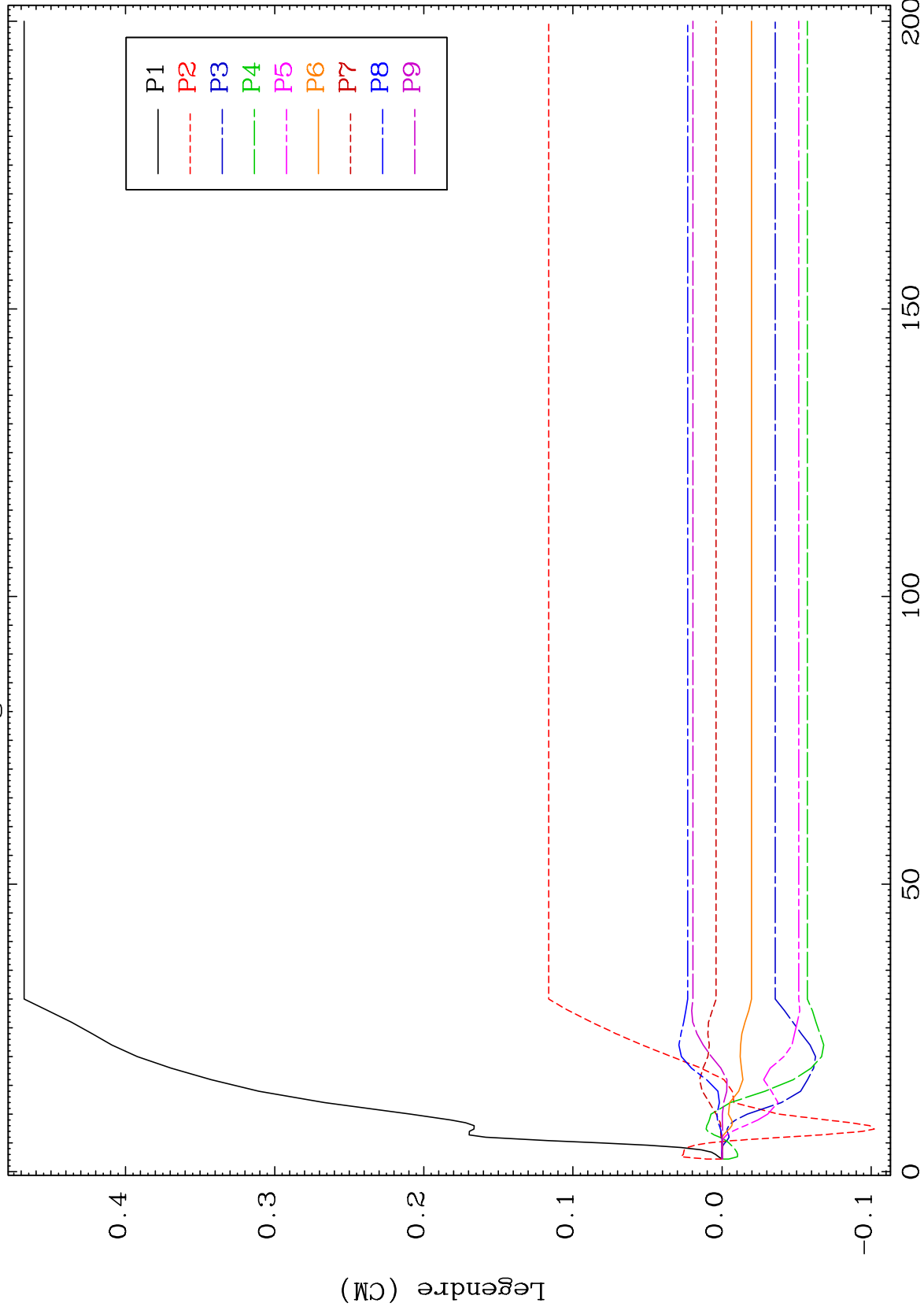




MAT 8201

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

82-Pb-196



63

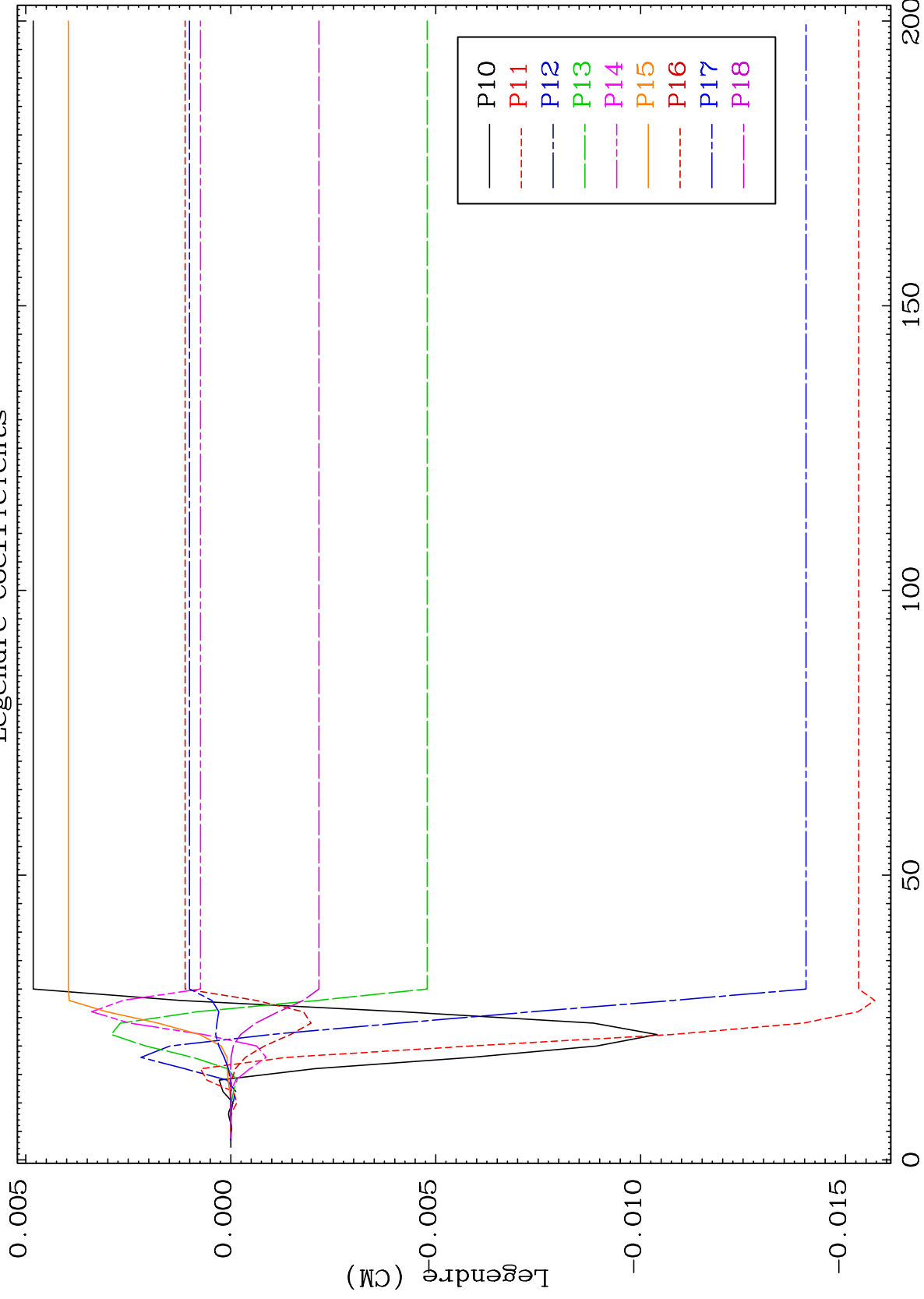
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



64

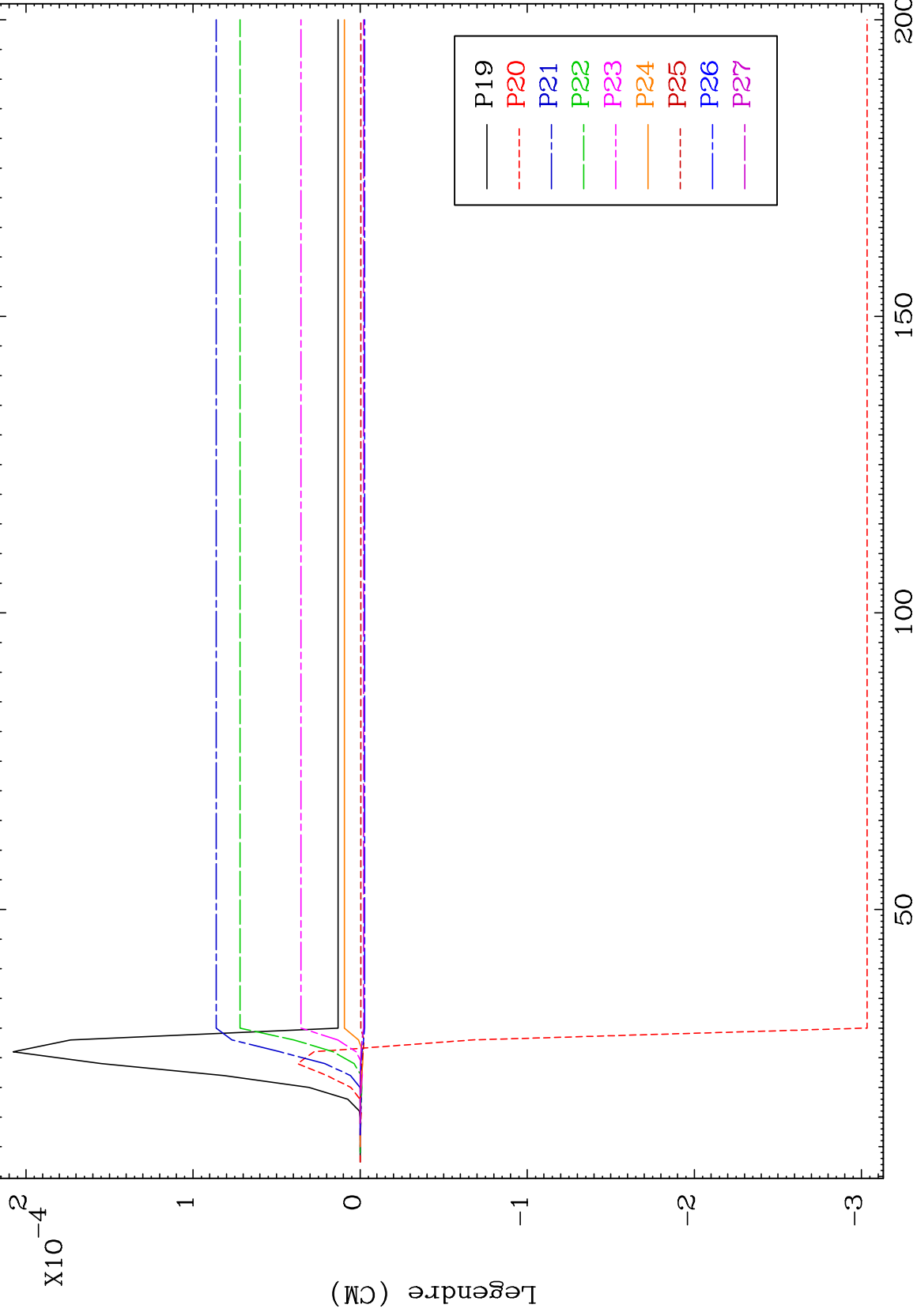
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

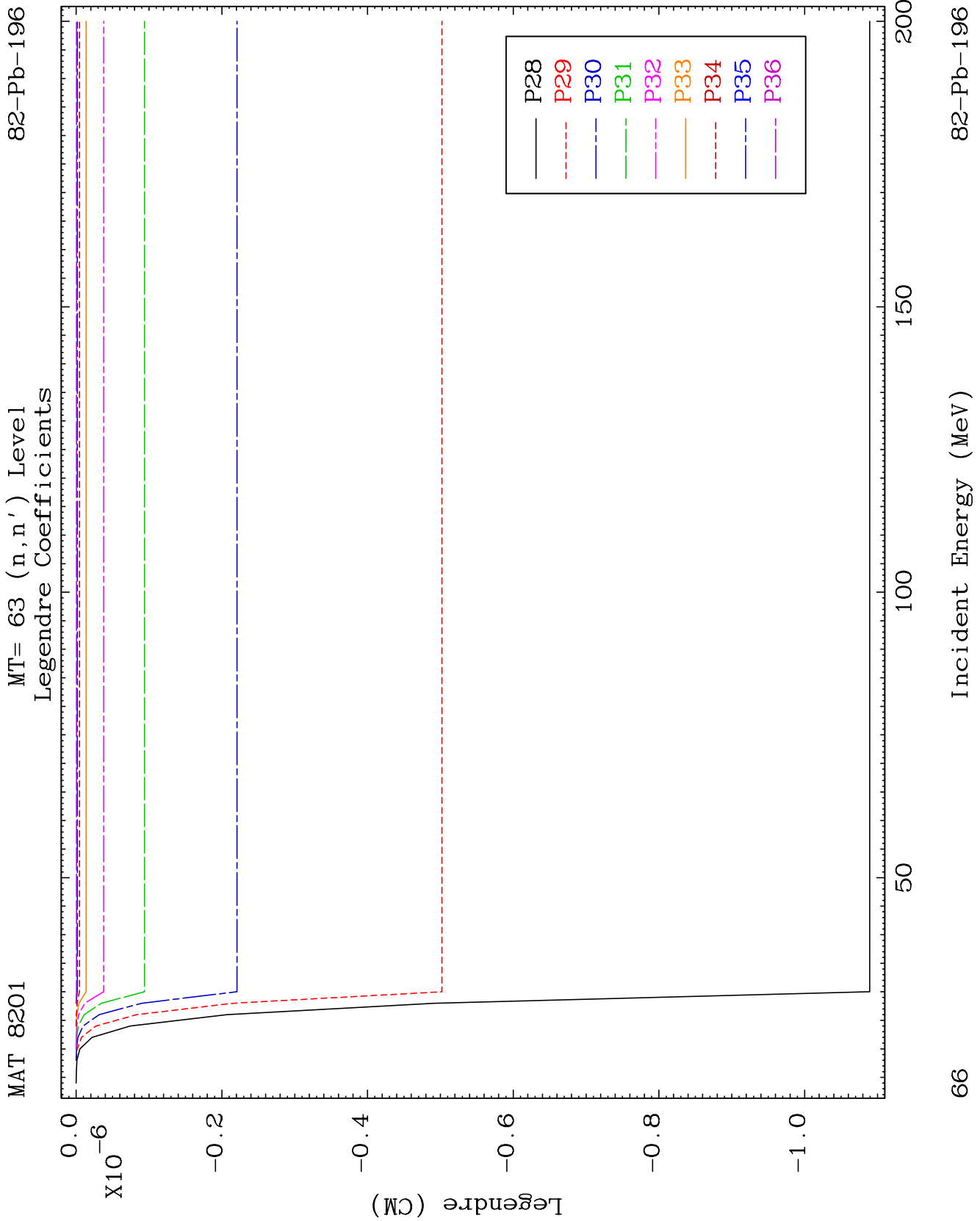
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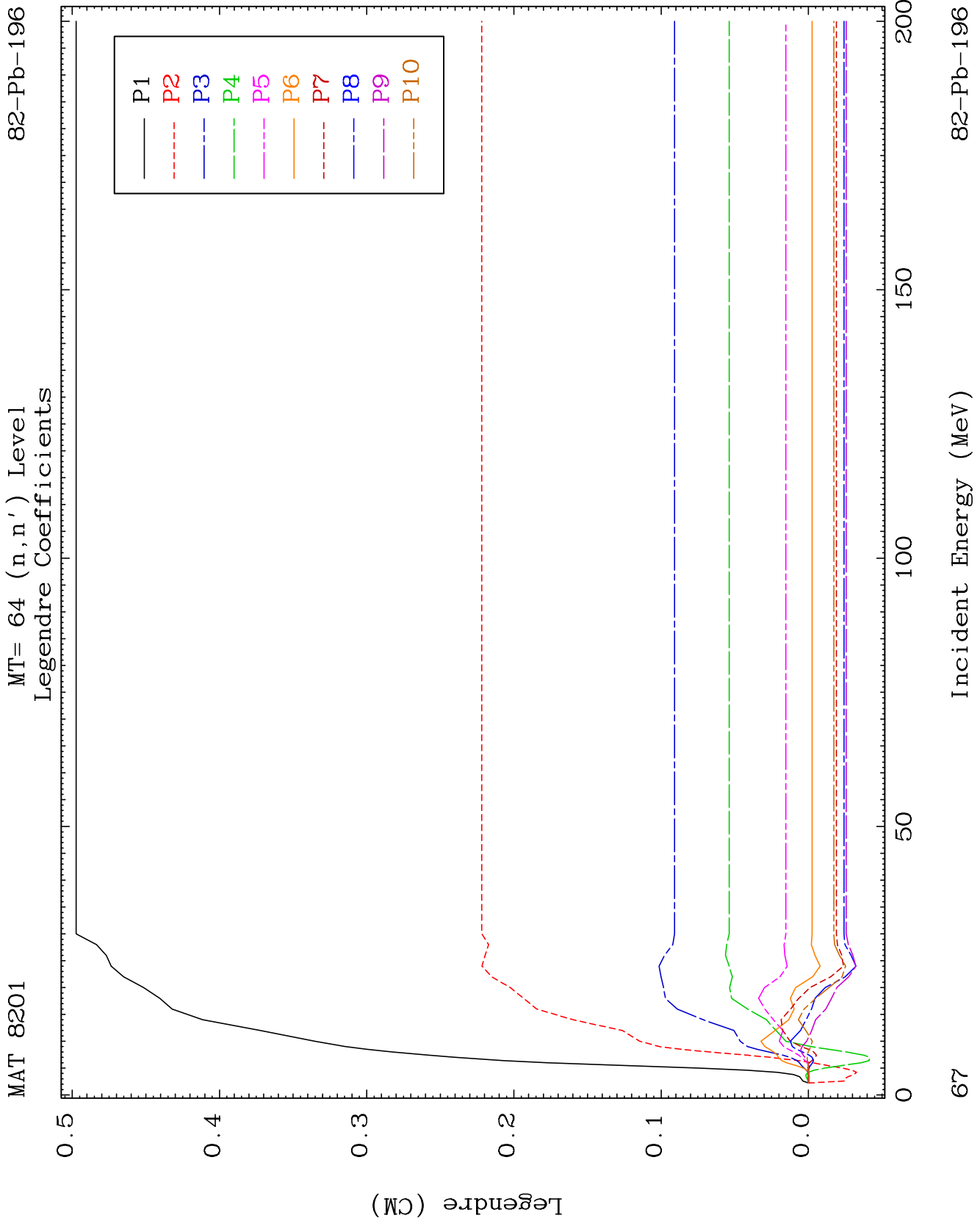


65

Incident Energy (MeV)

82-Pb-196

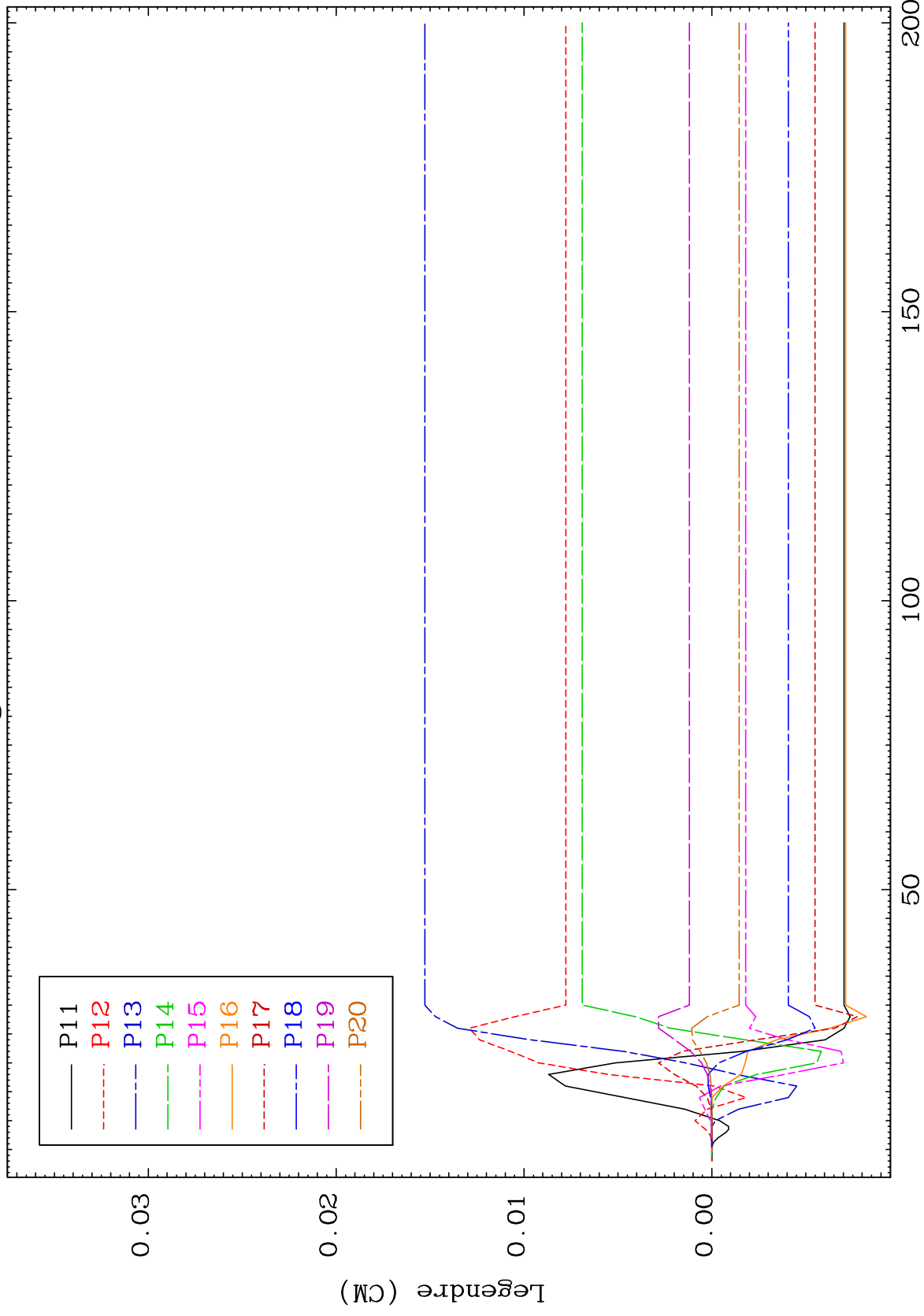




MAT 8201

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

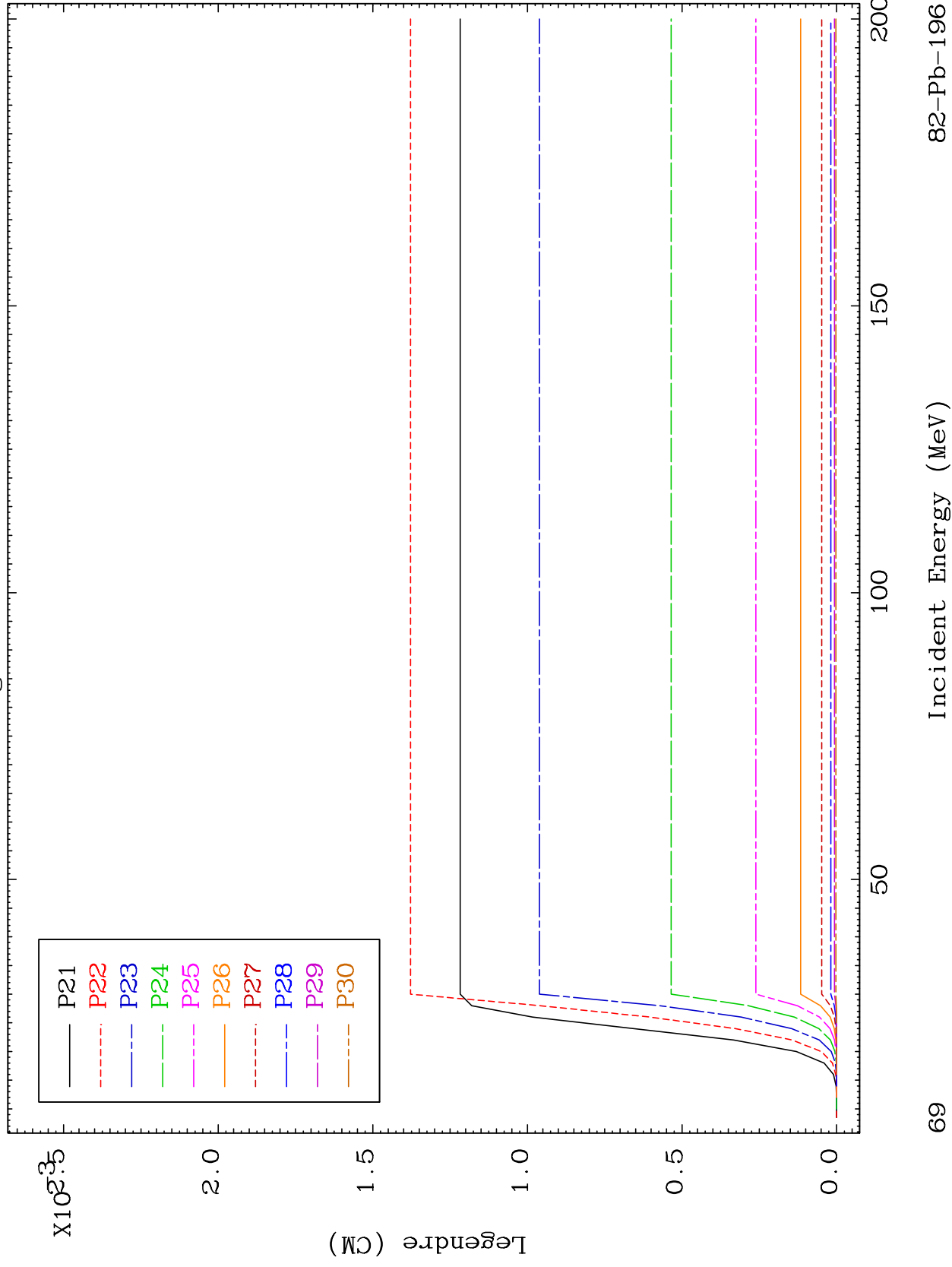
82-Pb-196



68

Incident Energy (MeV)

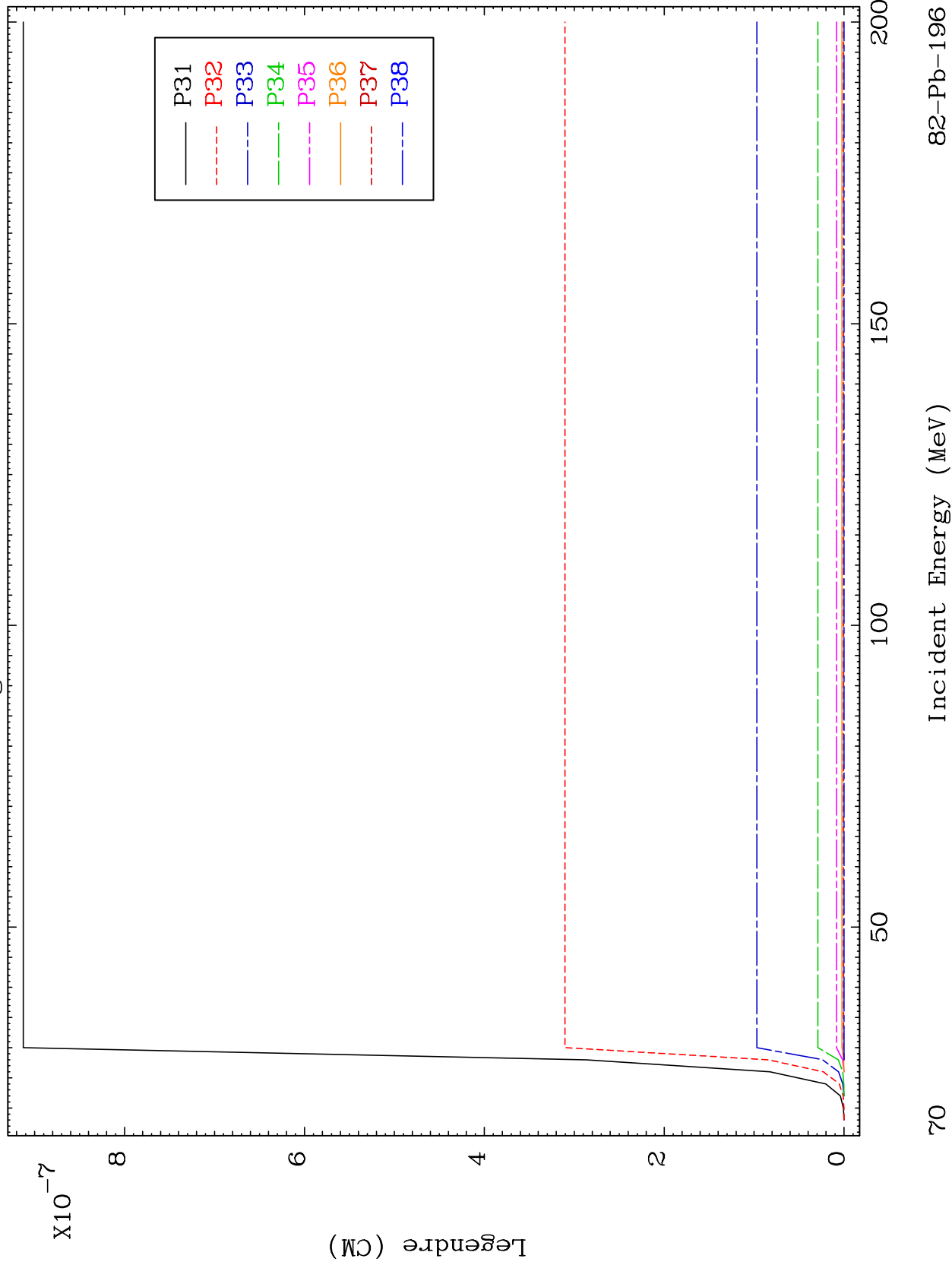
82-Pb-196



MAT 8201

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

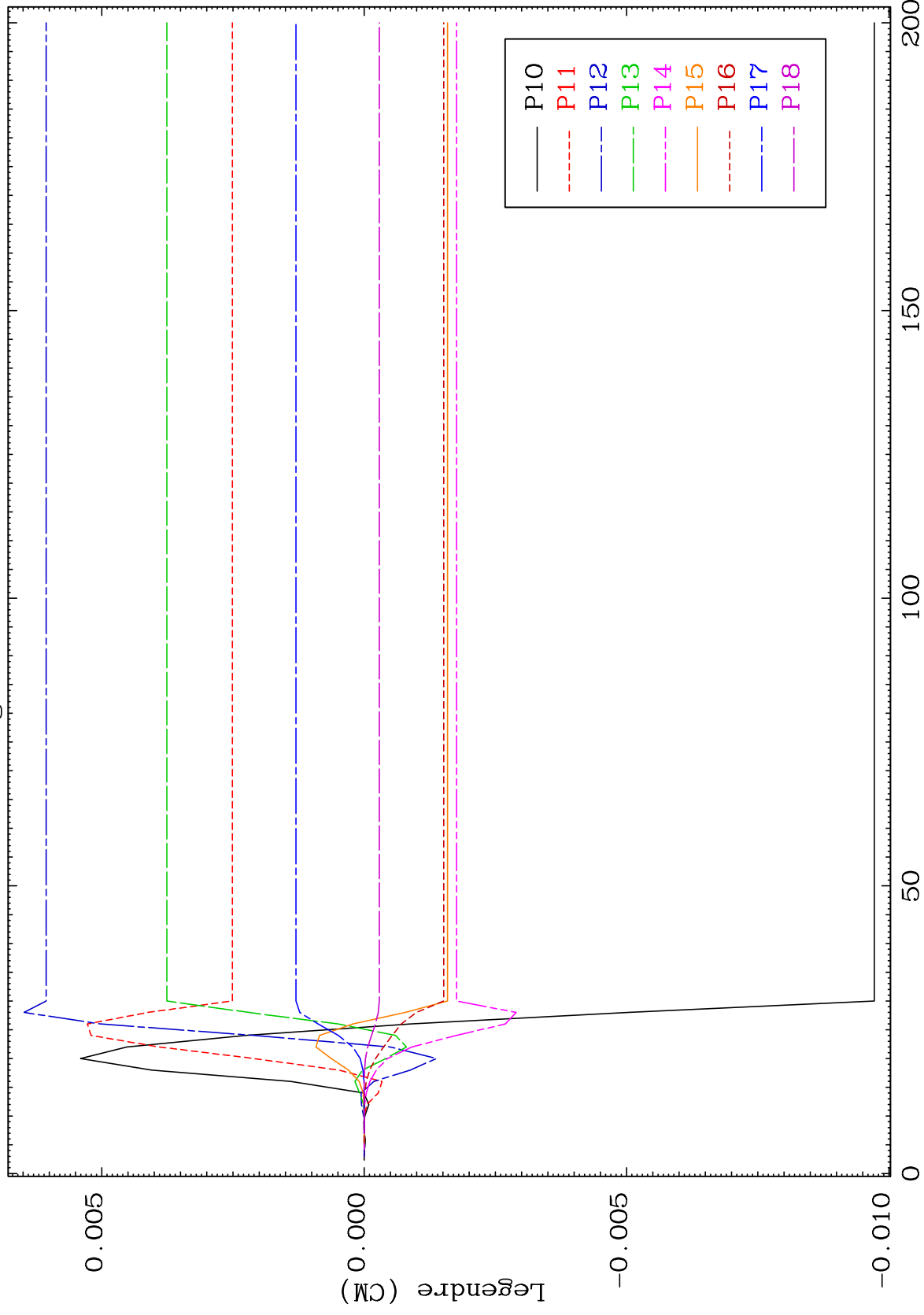
82-Pb-196



MAT 8201

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

82-Pb-196



72

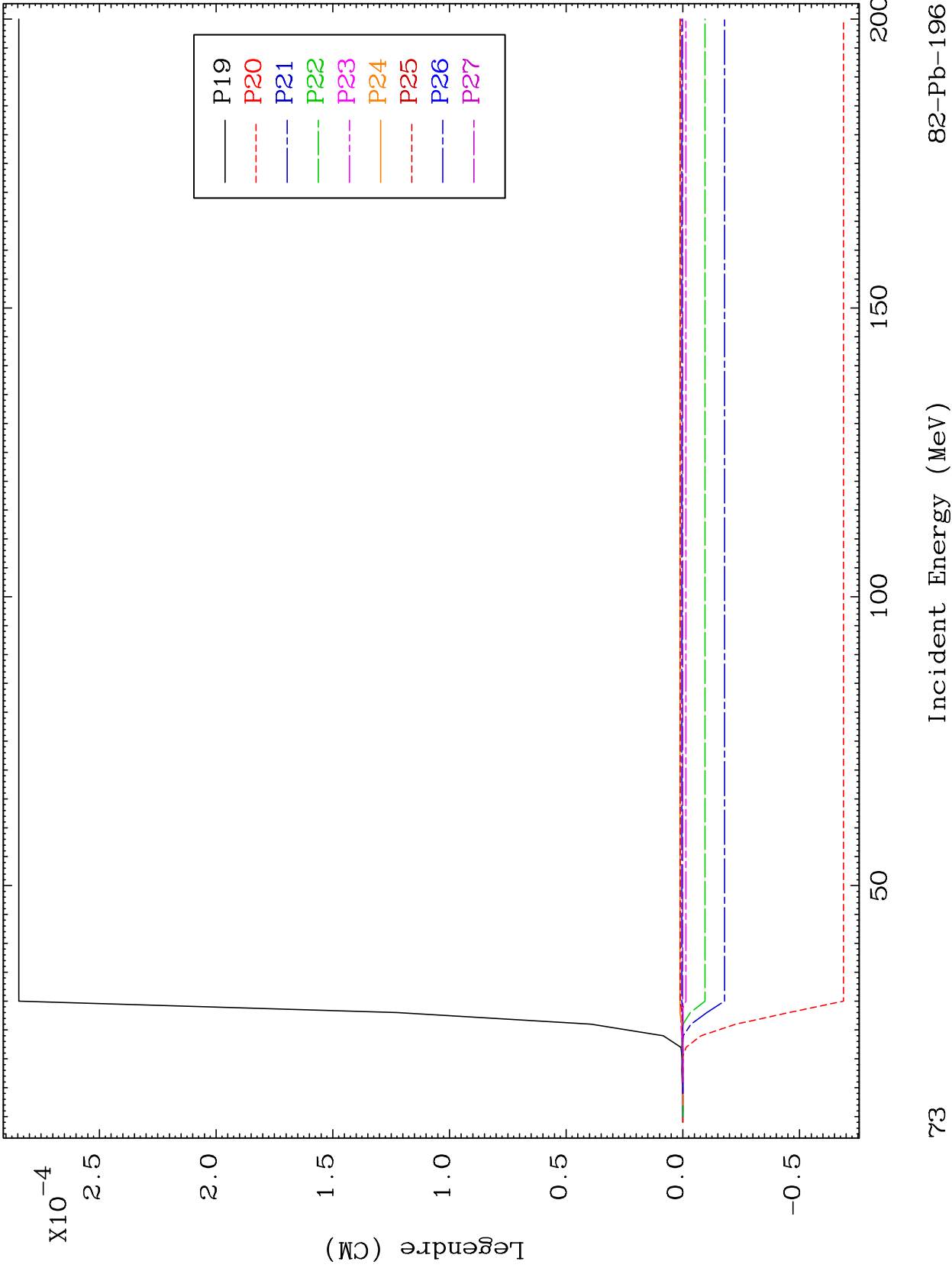
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

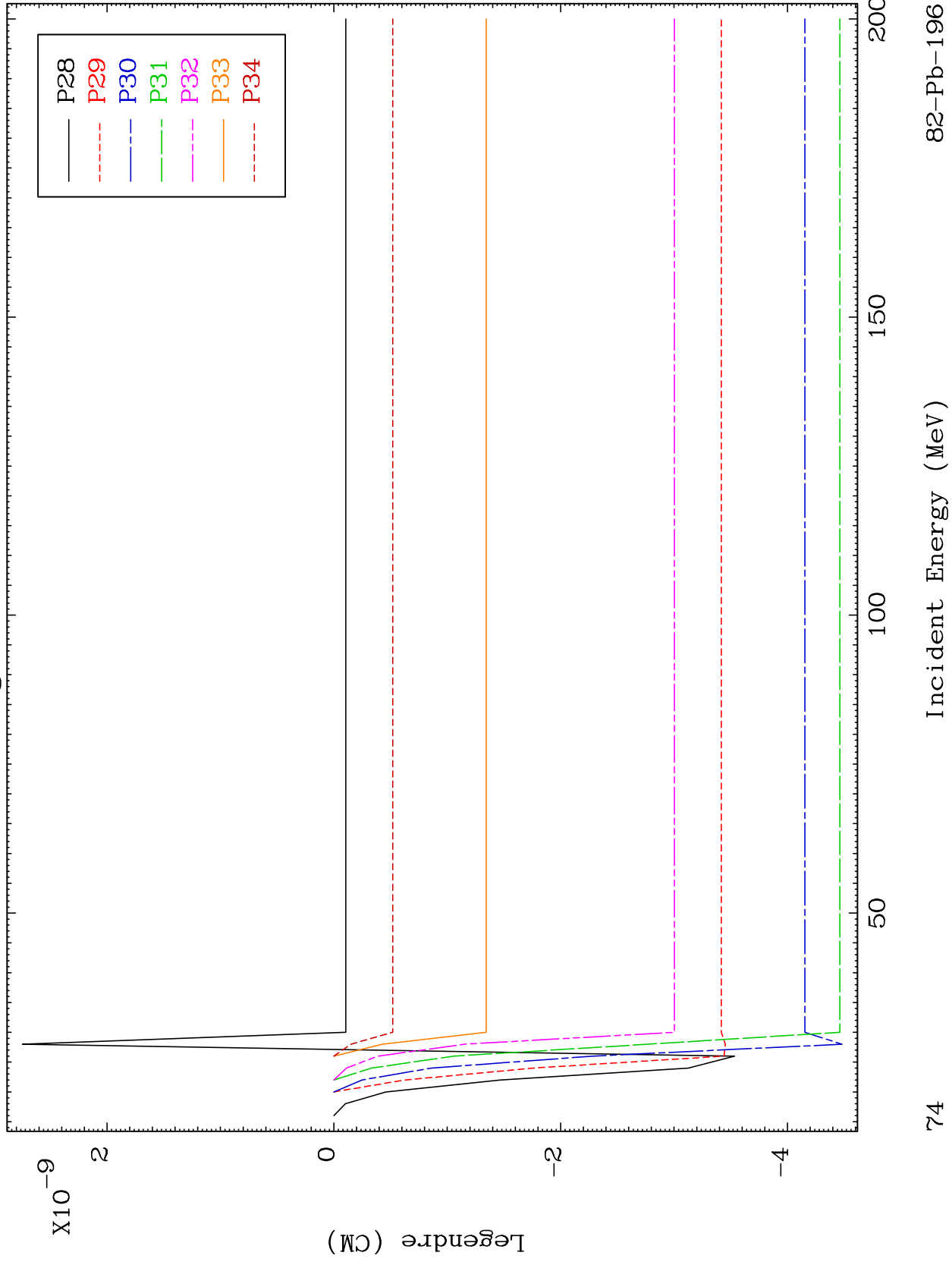
82-Pb-196



MAT 8201

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

82-Pb-196



74

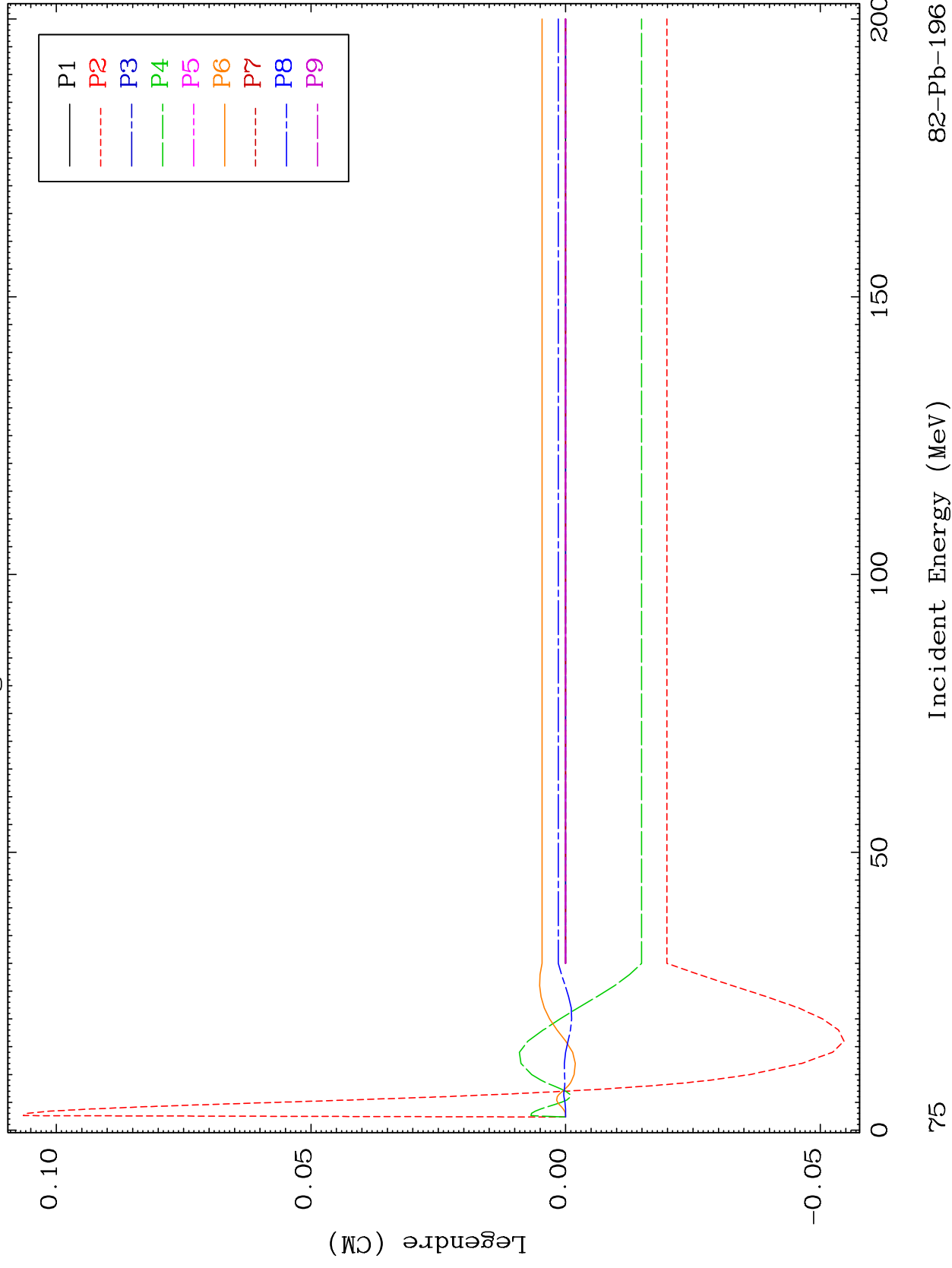
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



82-Pb-196

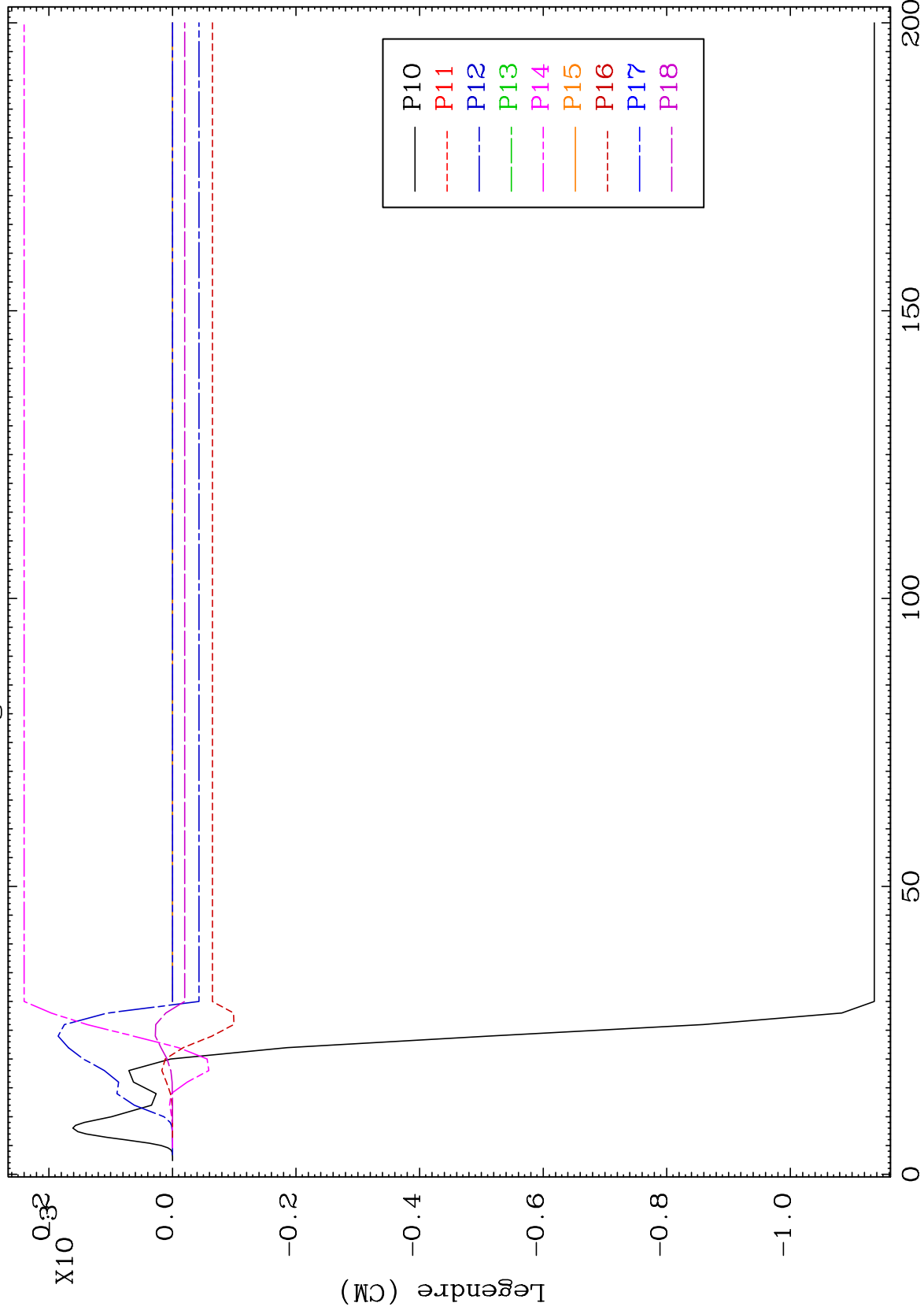
Incident Energy (MeV)

75

MAT 8201

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

82-Pb-196



76

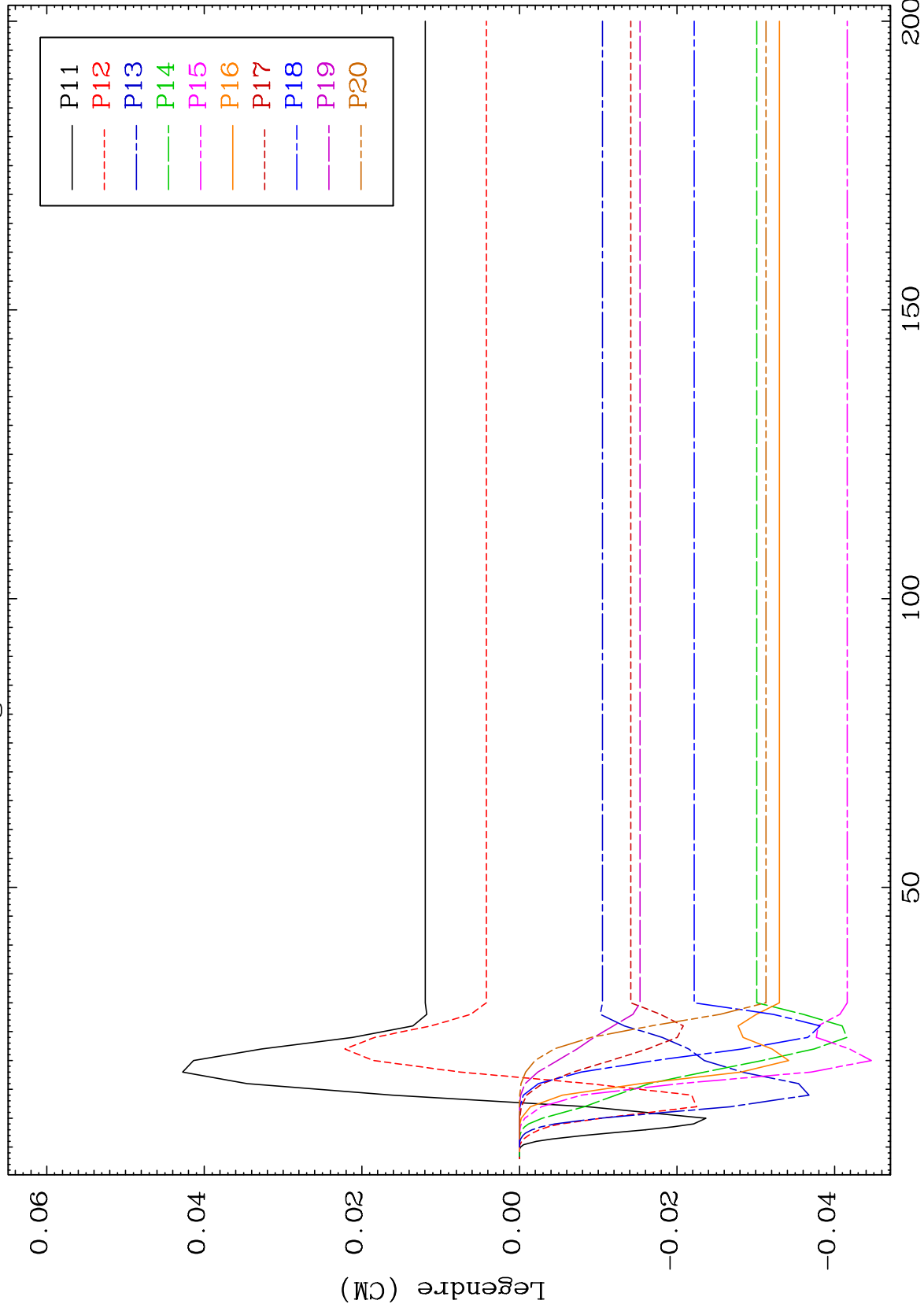
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

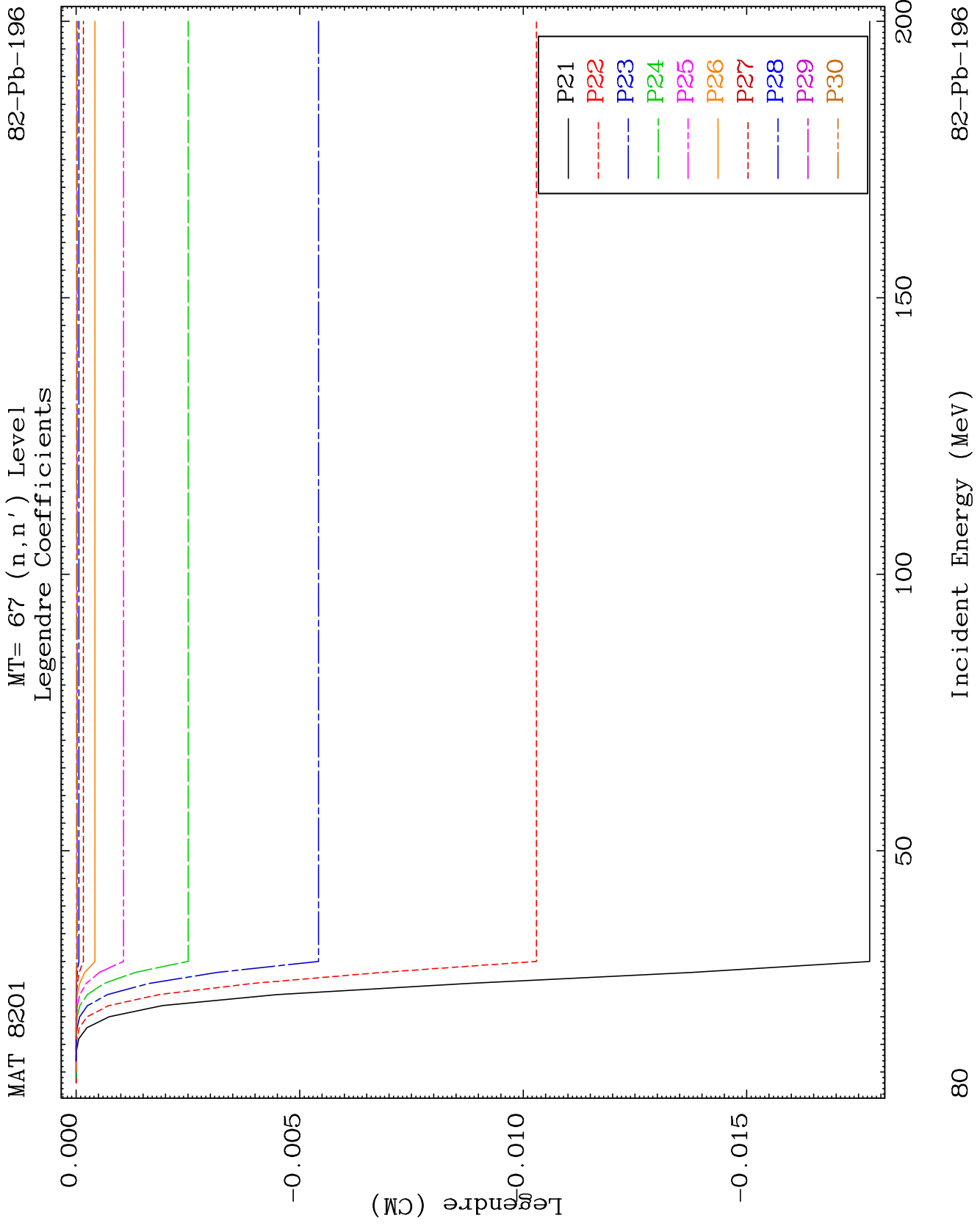
82-Pb-196

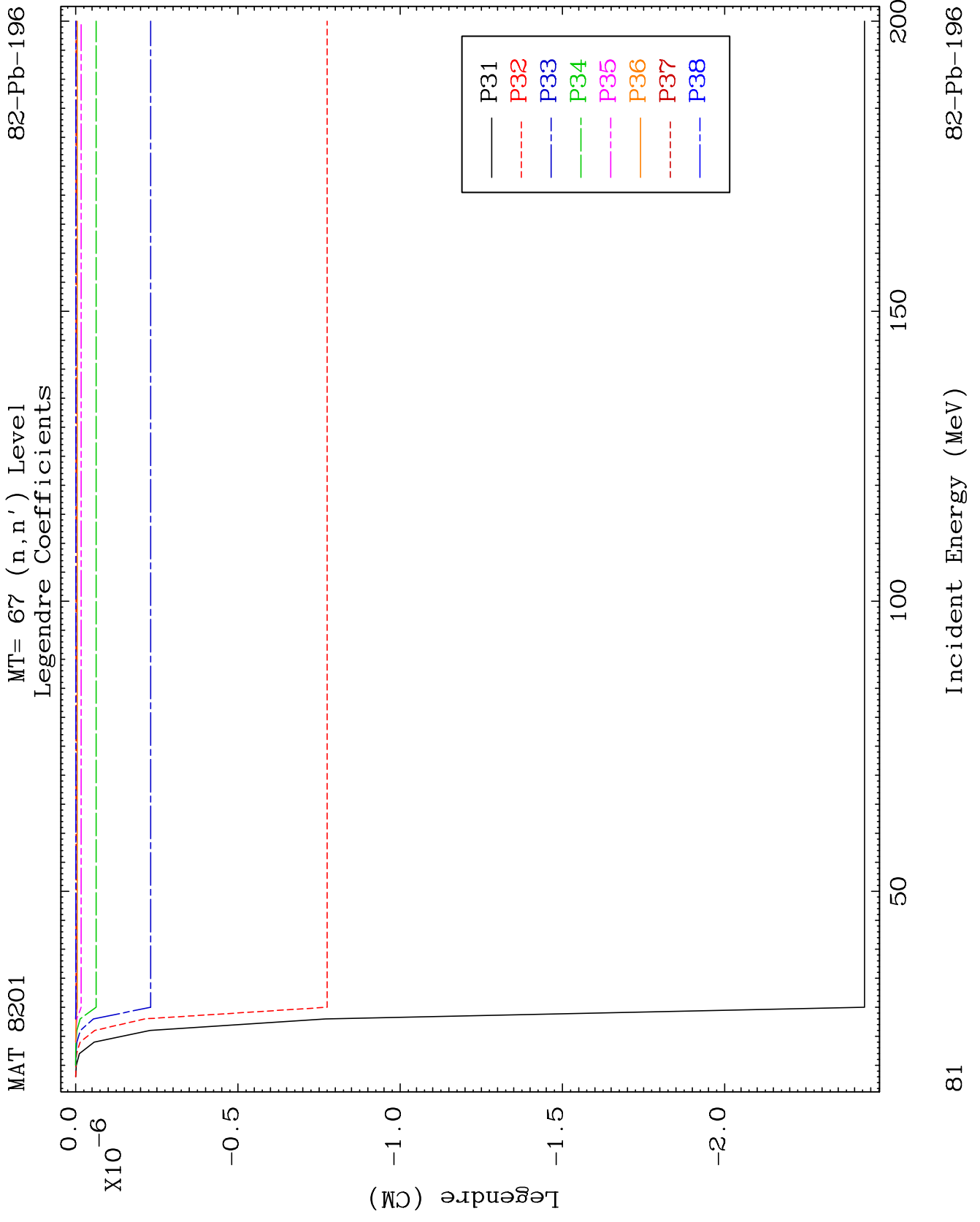


79

Incident Energy (MeV)

82-Pb-196

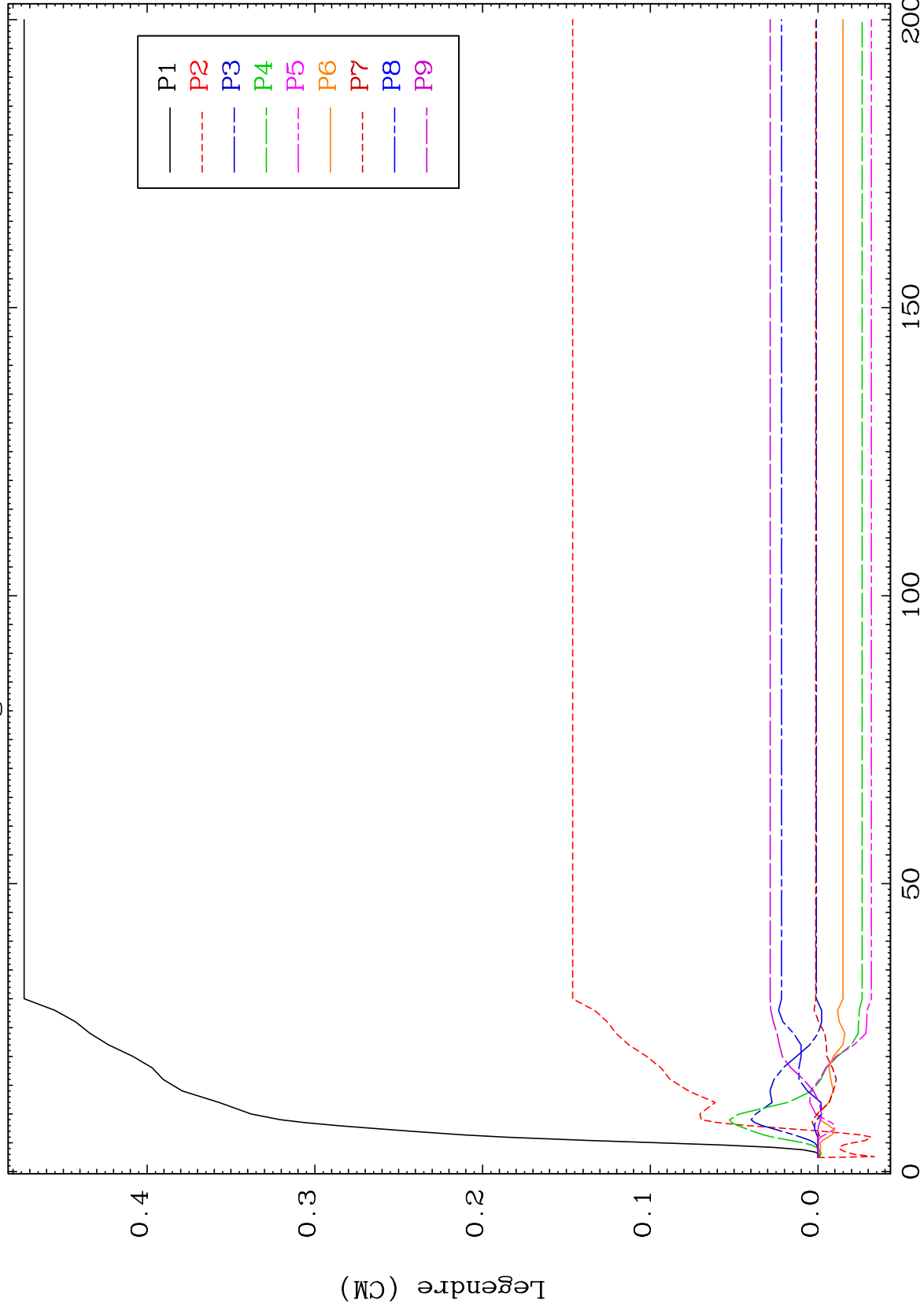




MAT 8201

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

82-Pb-196



82-Pb-196

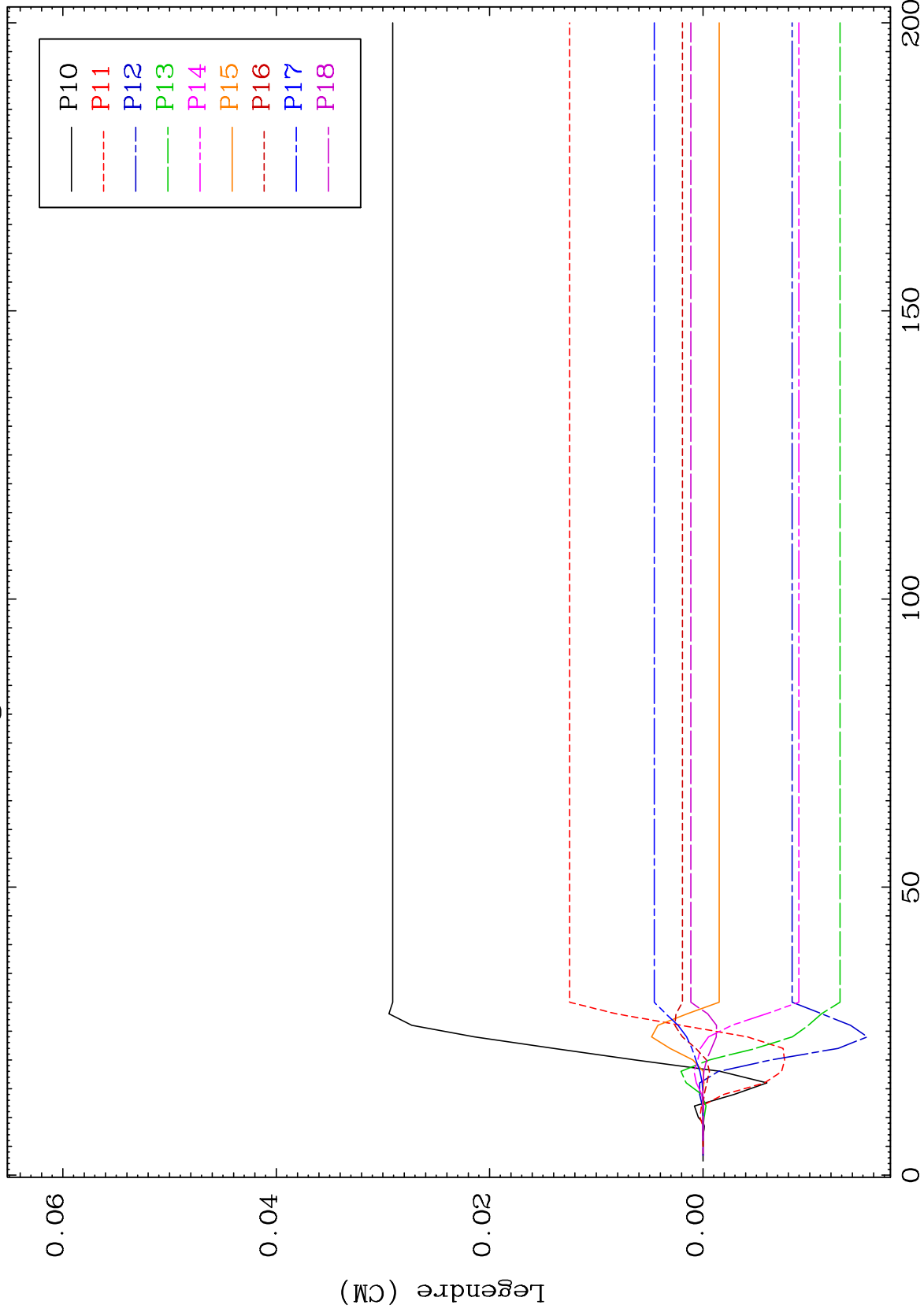
Incident Energy (MeV)

82

MAT 8201

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

82-Pb-196



83

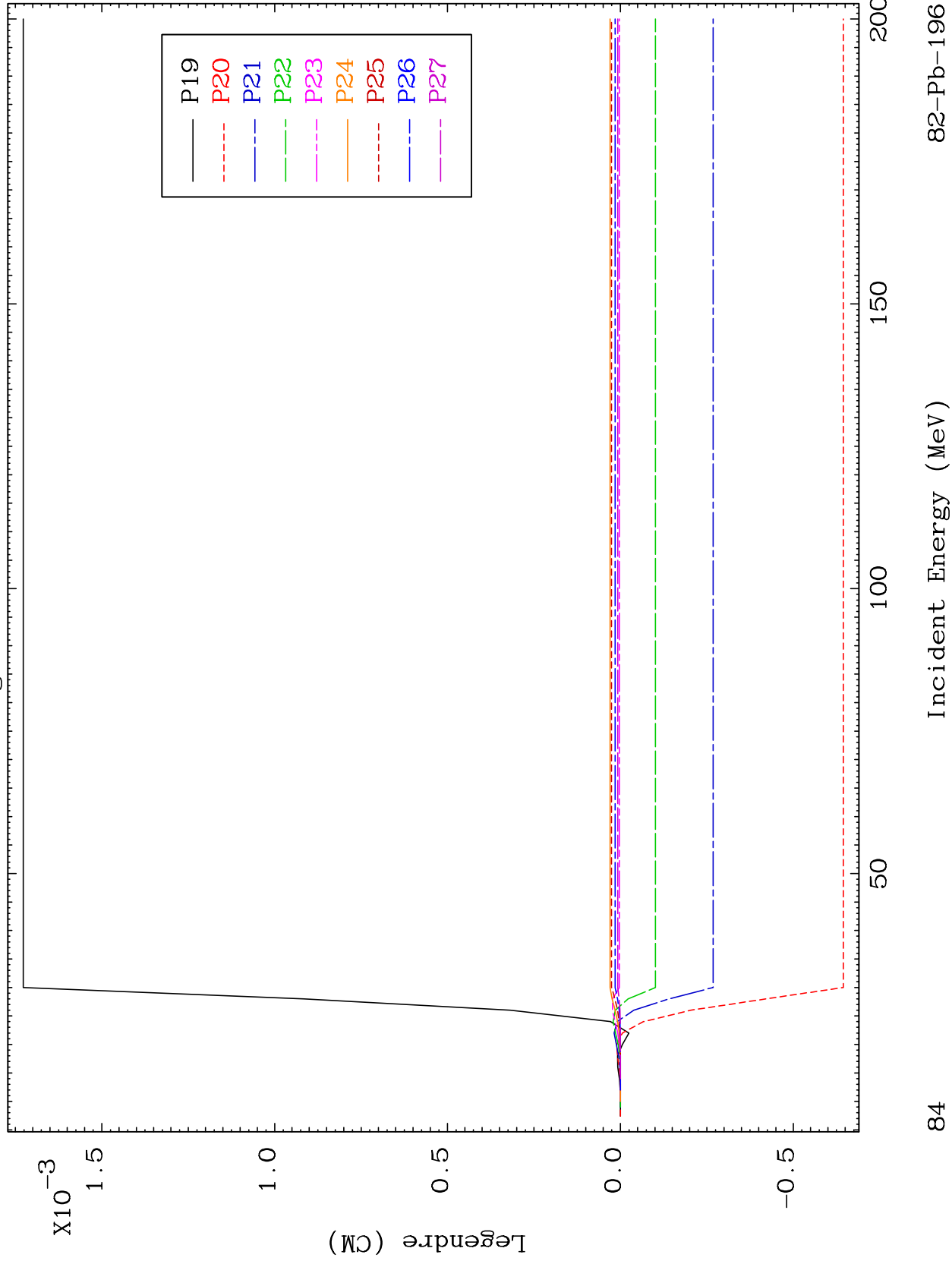
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



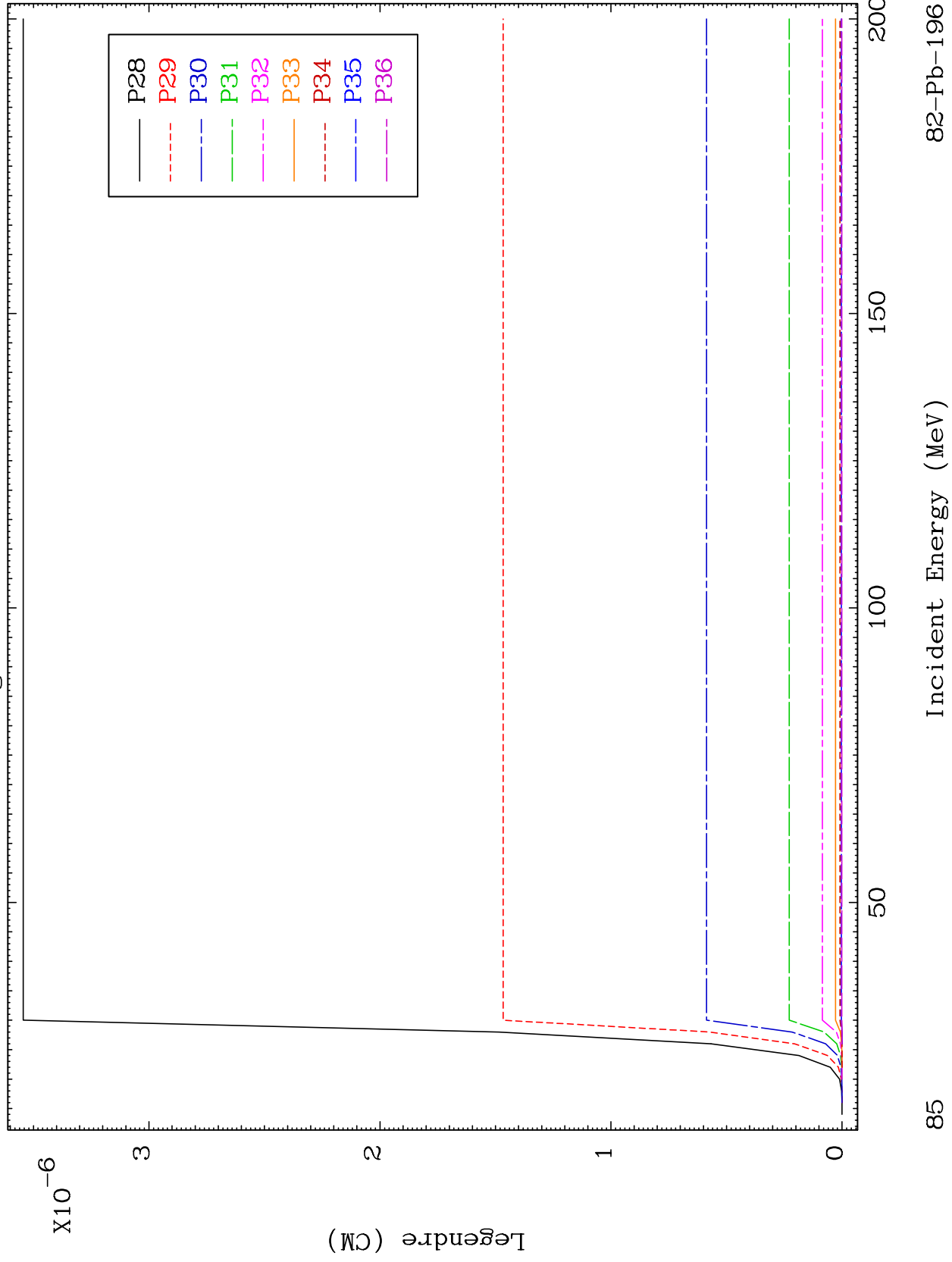
84

82-Pb-196

MAT 8201

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

82-Pb-196



85

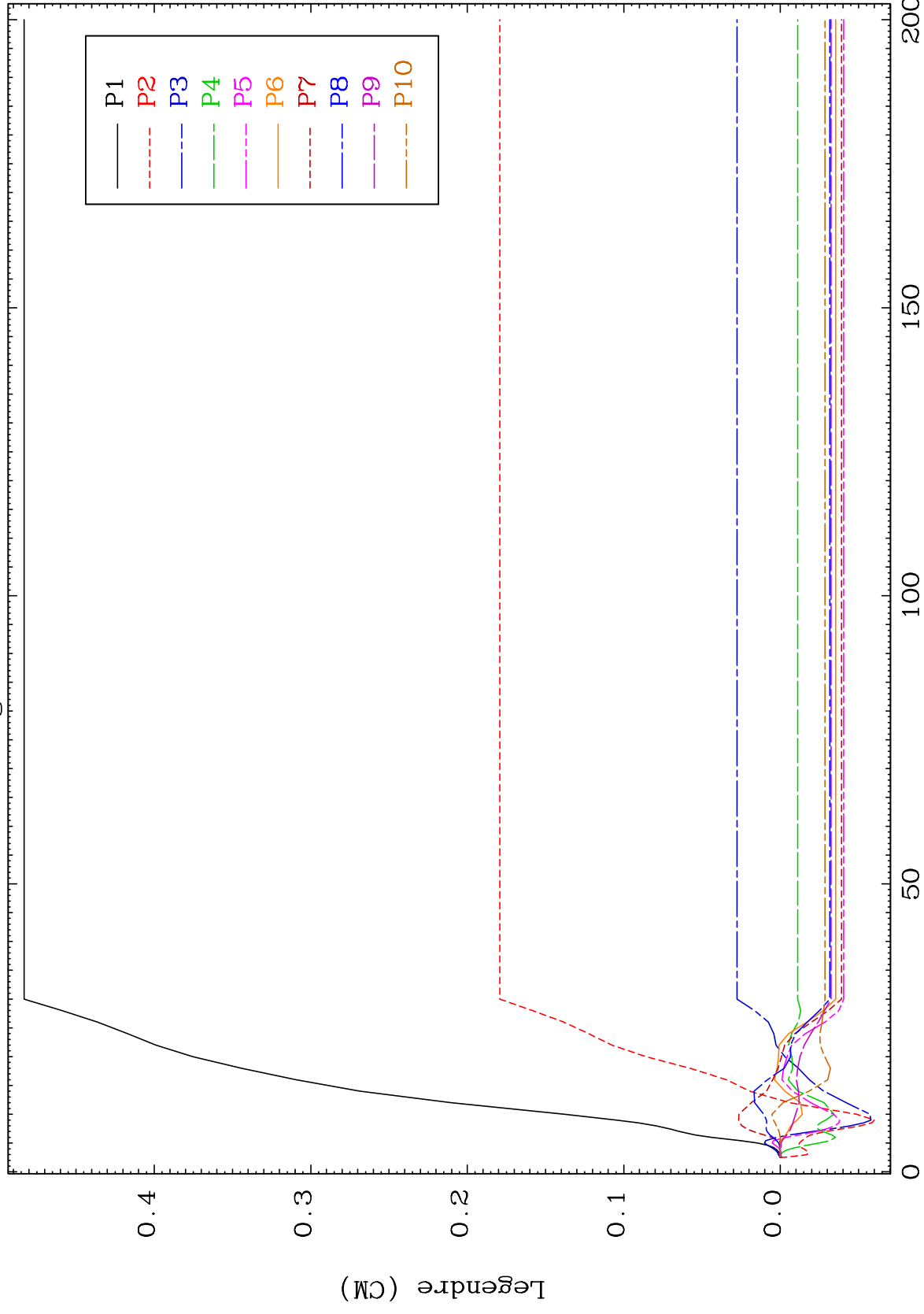
Incident Energy (MeV)

82-Pb-196

MAT 8201

MT= 69 (n,n') Level
Legendre Coefficients

82-Pb-196



86

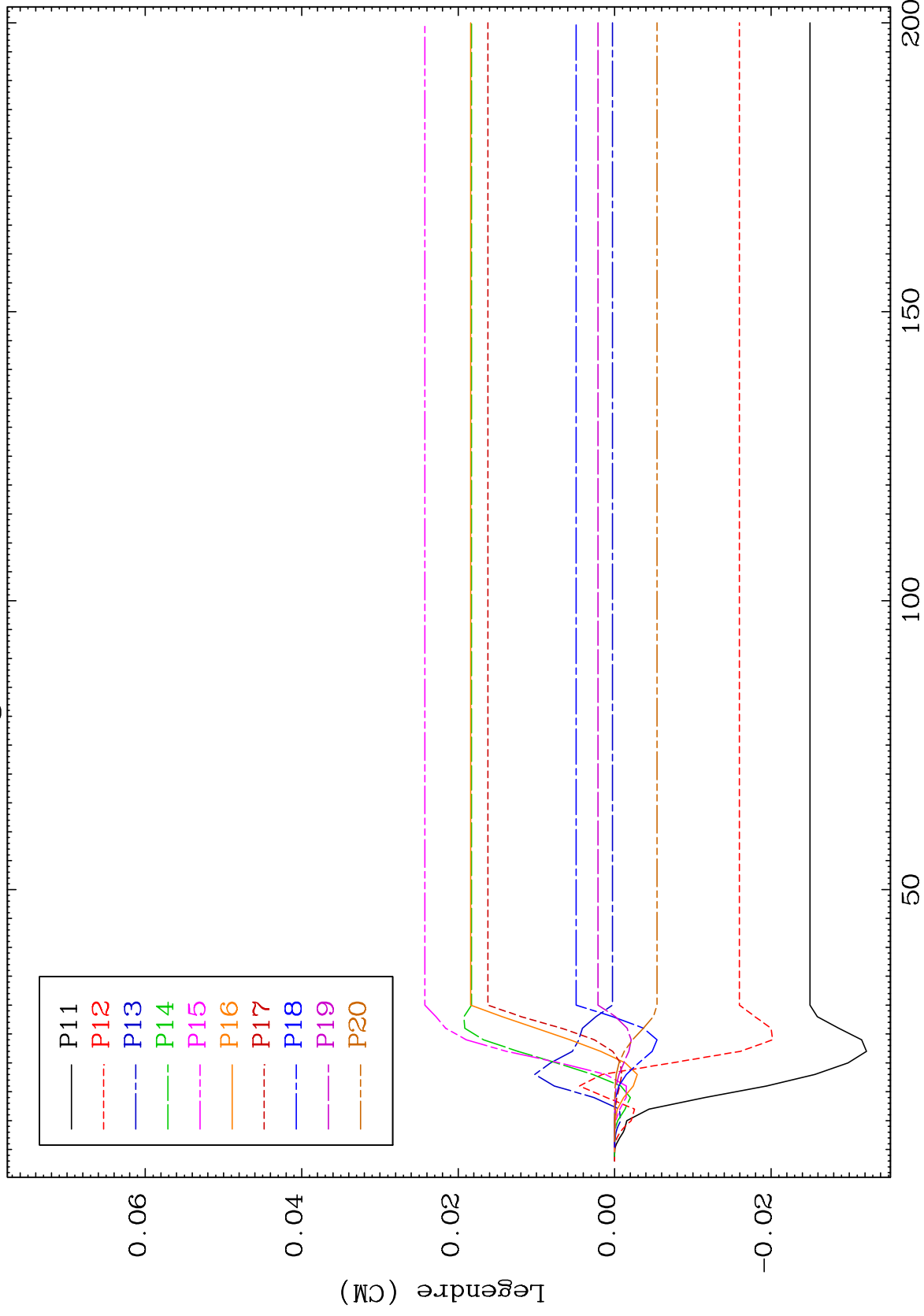
Incident Energy (MeV)

82-Pb-196

MAT 8201

MT= 69 (n,n') Level
Legendre Coefficients

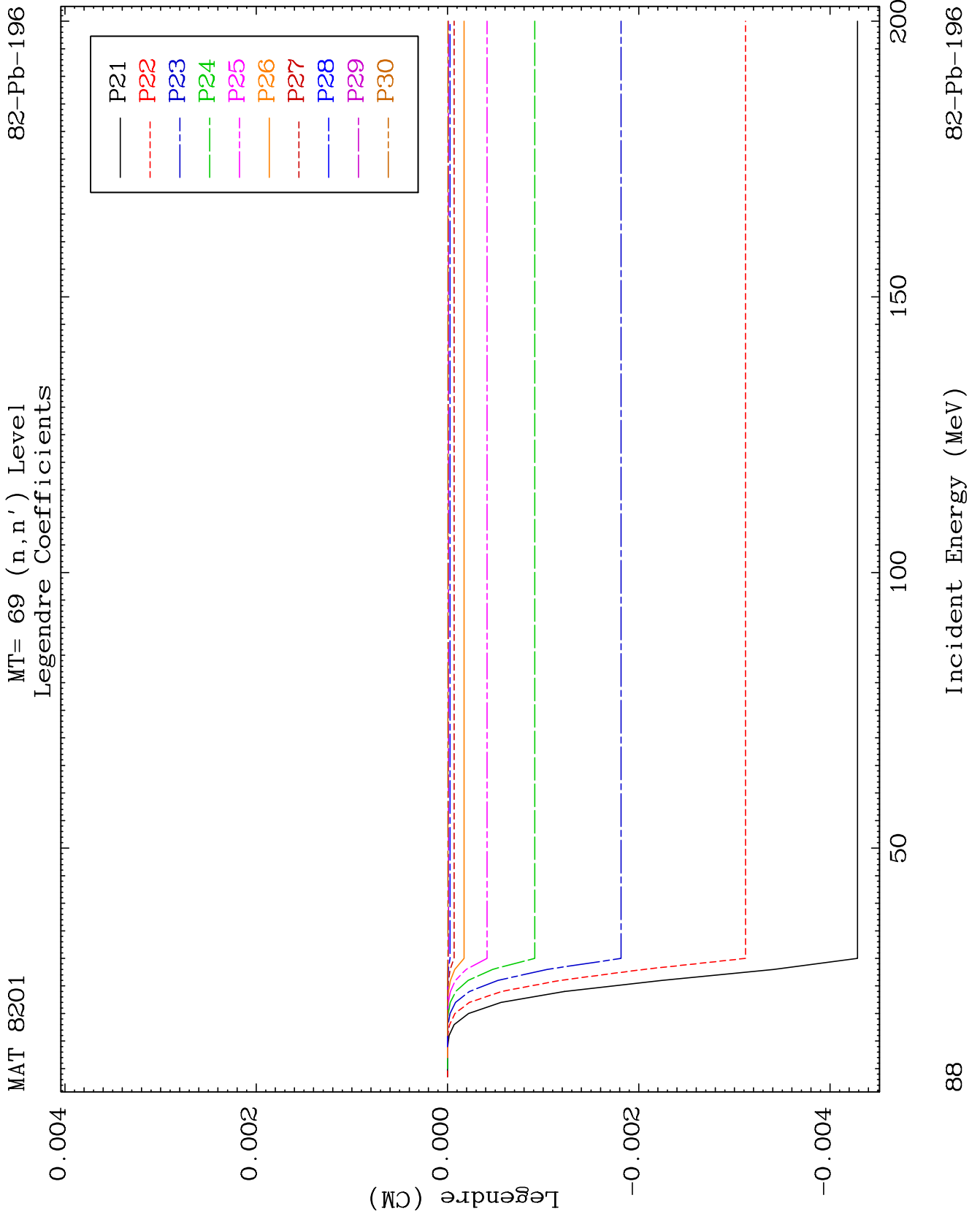
82-Pb-196

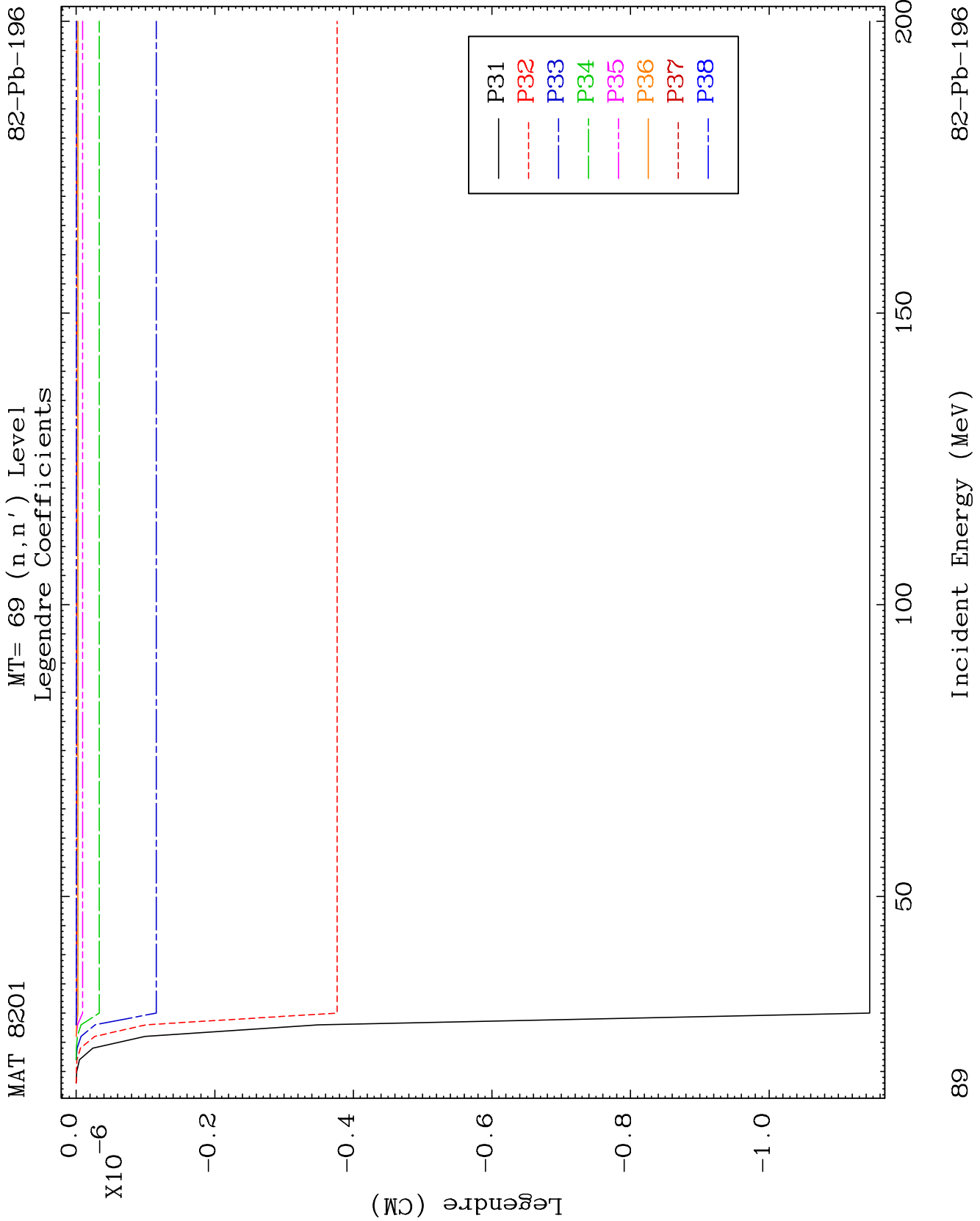


87

Incident Energy (MeV)

82-Pb-196



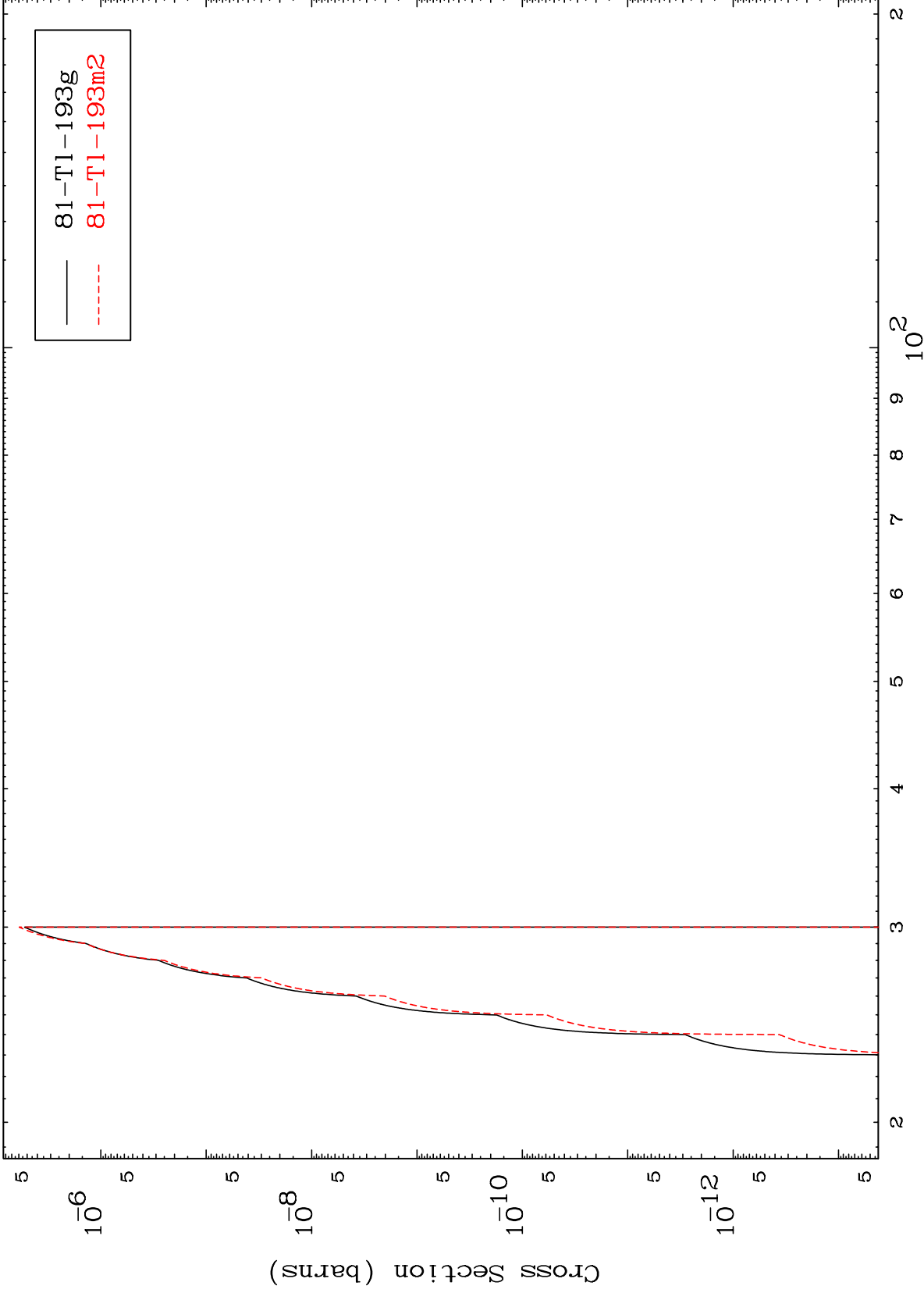


MAT 8201

(n,2n) d

82-Pb-196

Radionuclide Production Cross Section



90

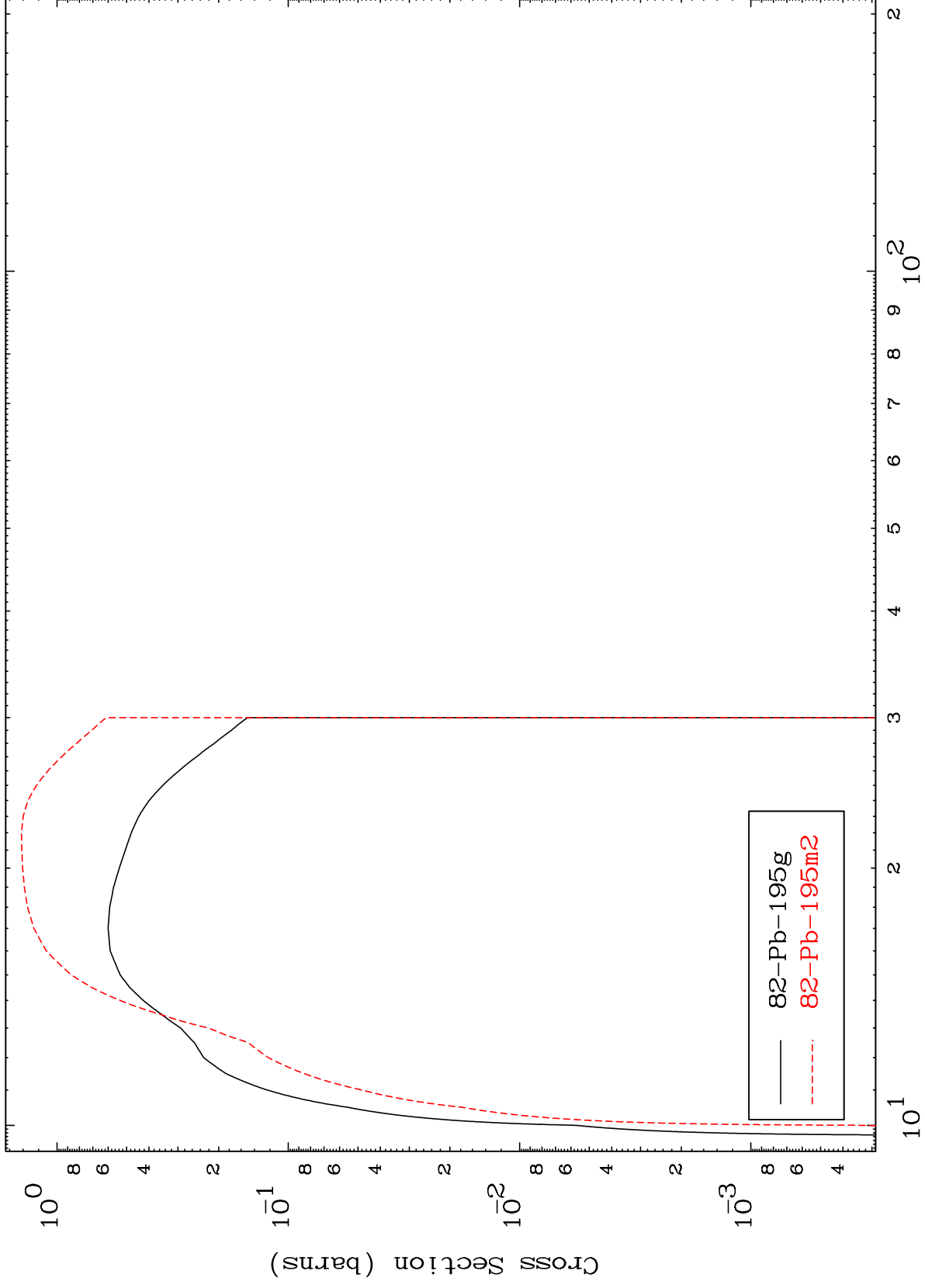
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,2n)
Radionuclide Production Cross Section



91

Incident Energy (MeV)

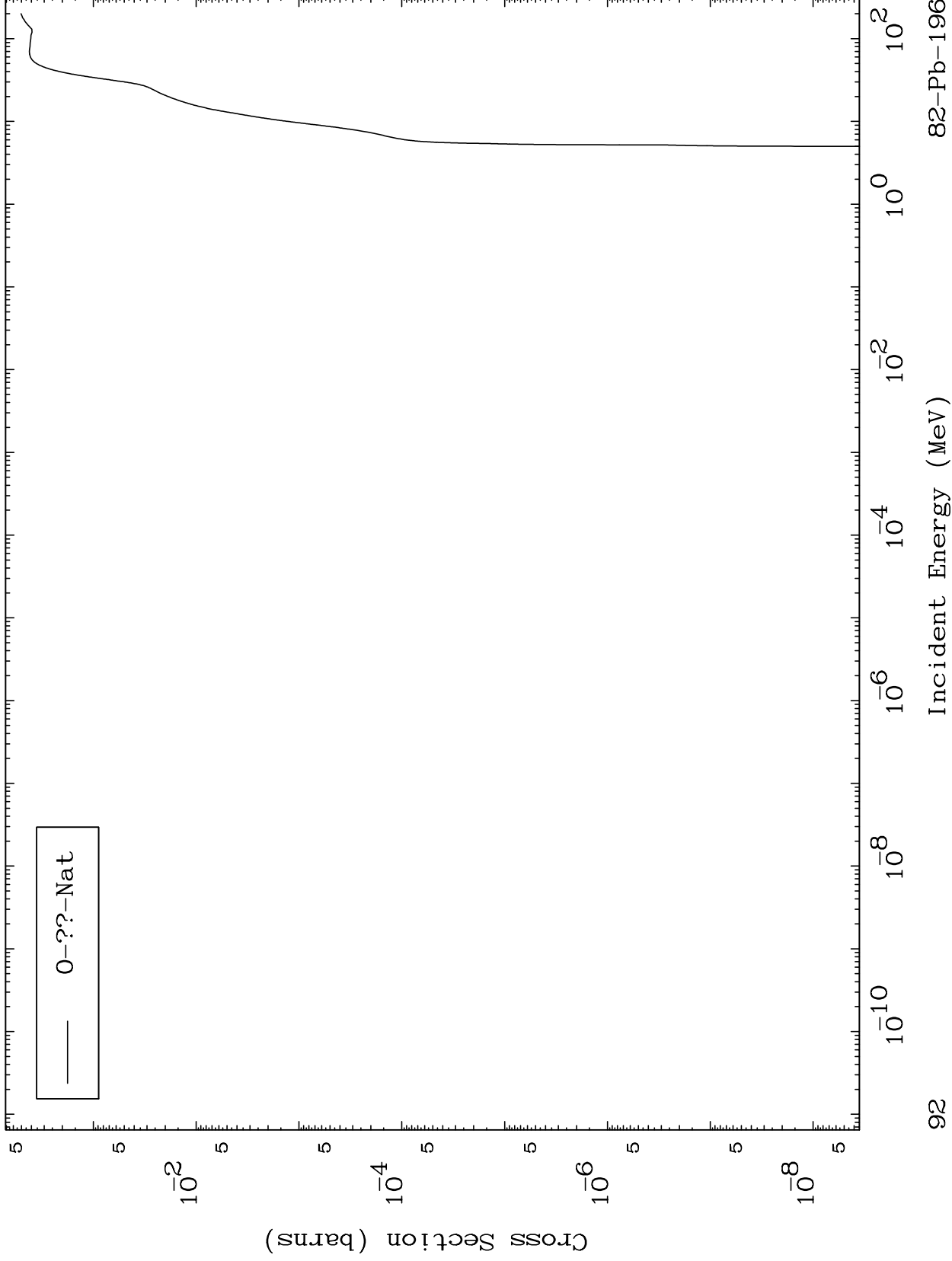
82-Pb-196

MAT 8201

Fission

82-Pb-196

Radionuclide Production Cross Section



92

Incident Energy (MeV)

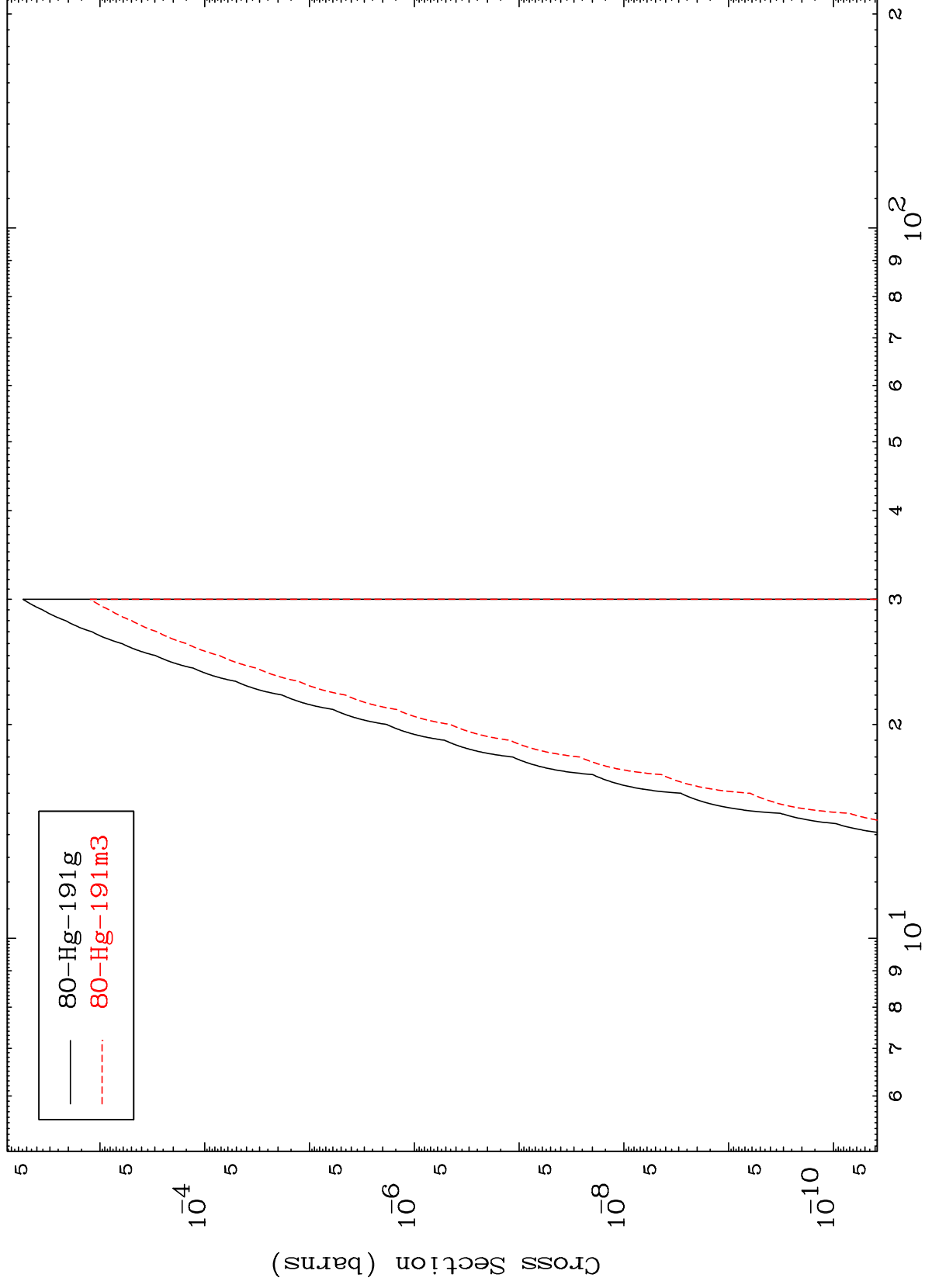
82-Pb-196

MAT 8201

(n,2n) α

82-Pb-196

Radionuclide Production Cross Section



93

Incident Energy (MeV)

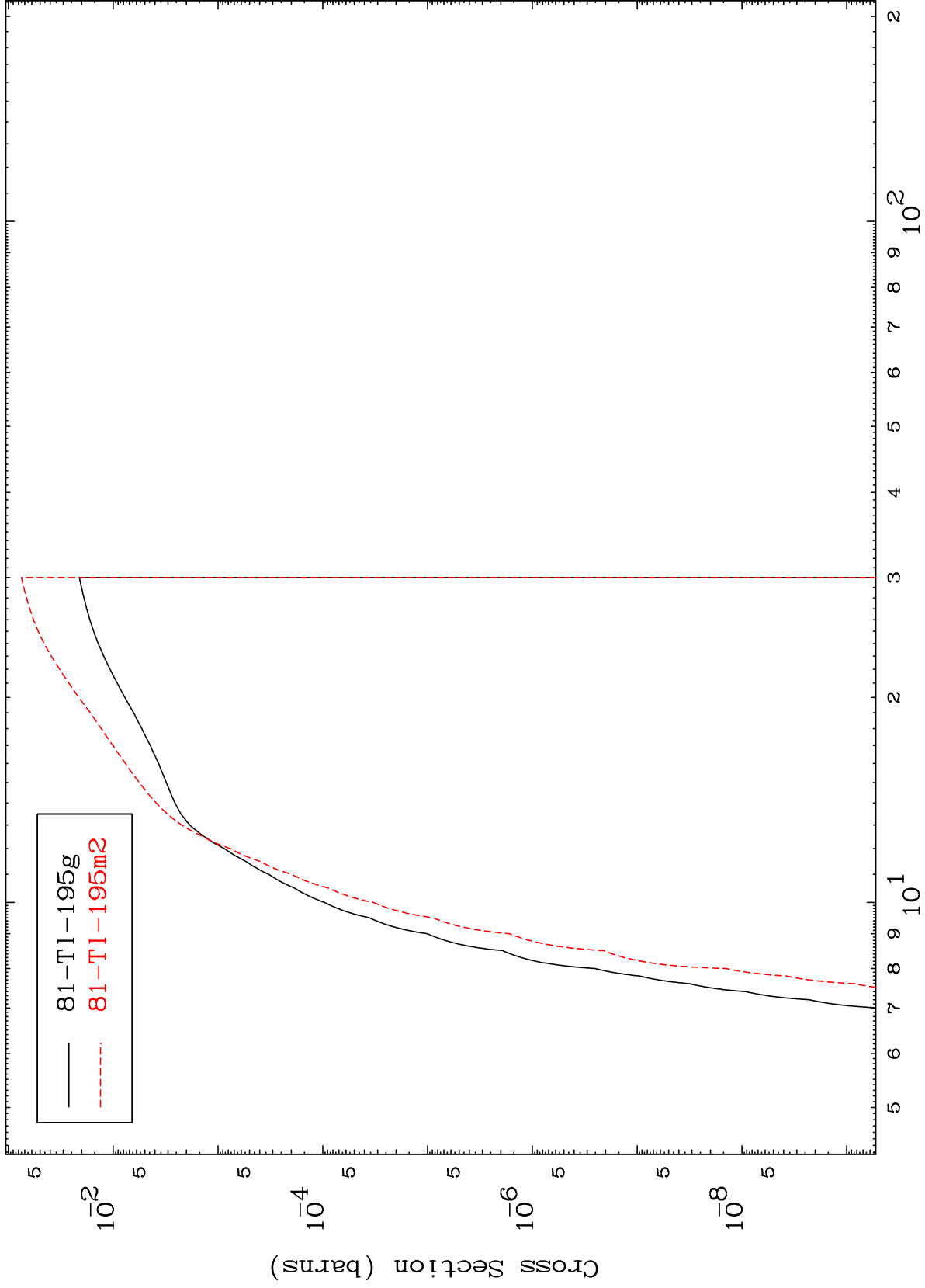
82-Pb-196

MAT 8201

(n,n') p

82-Pb-196

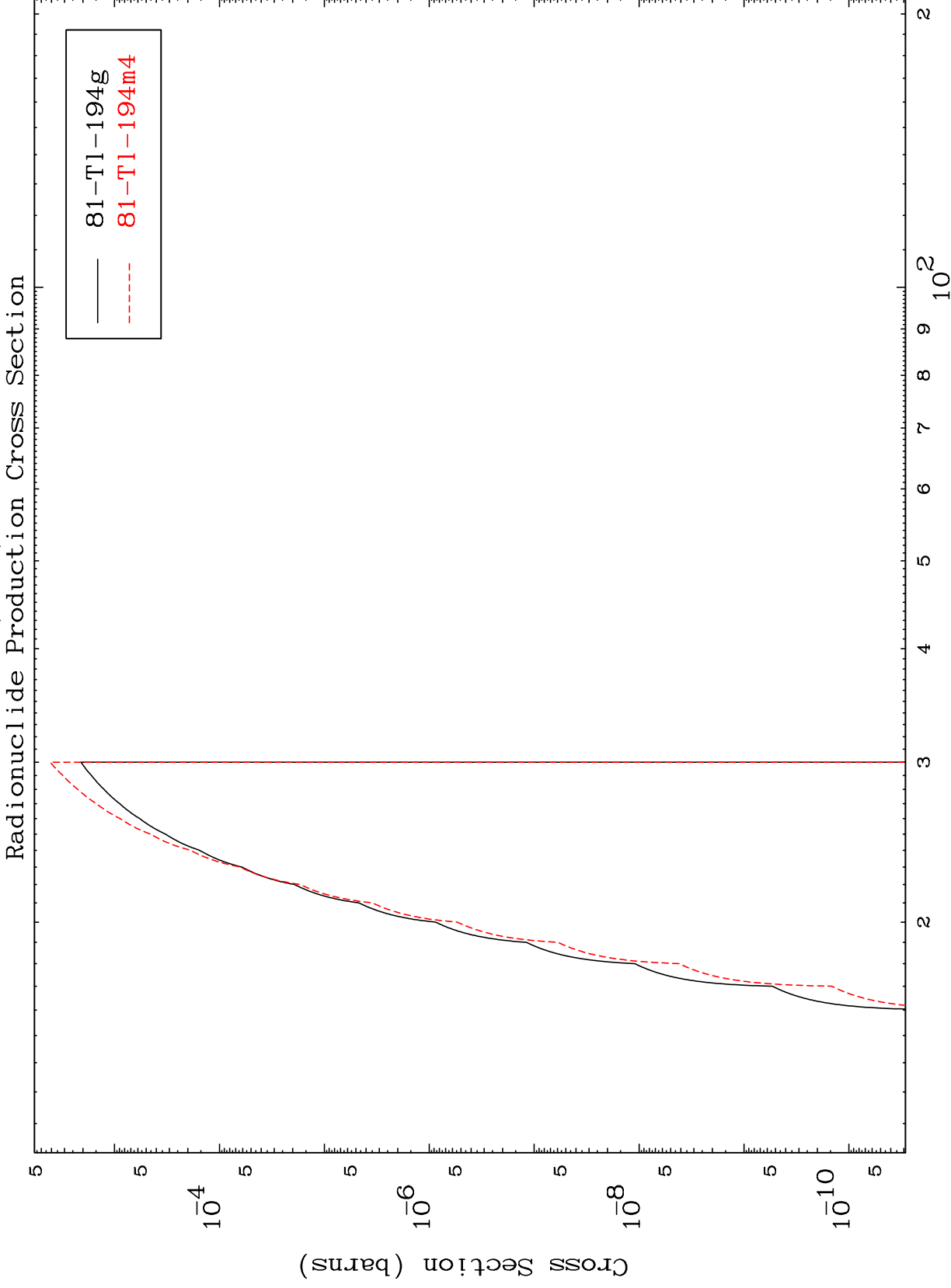
Radionuclide Production Cross Section



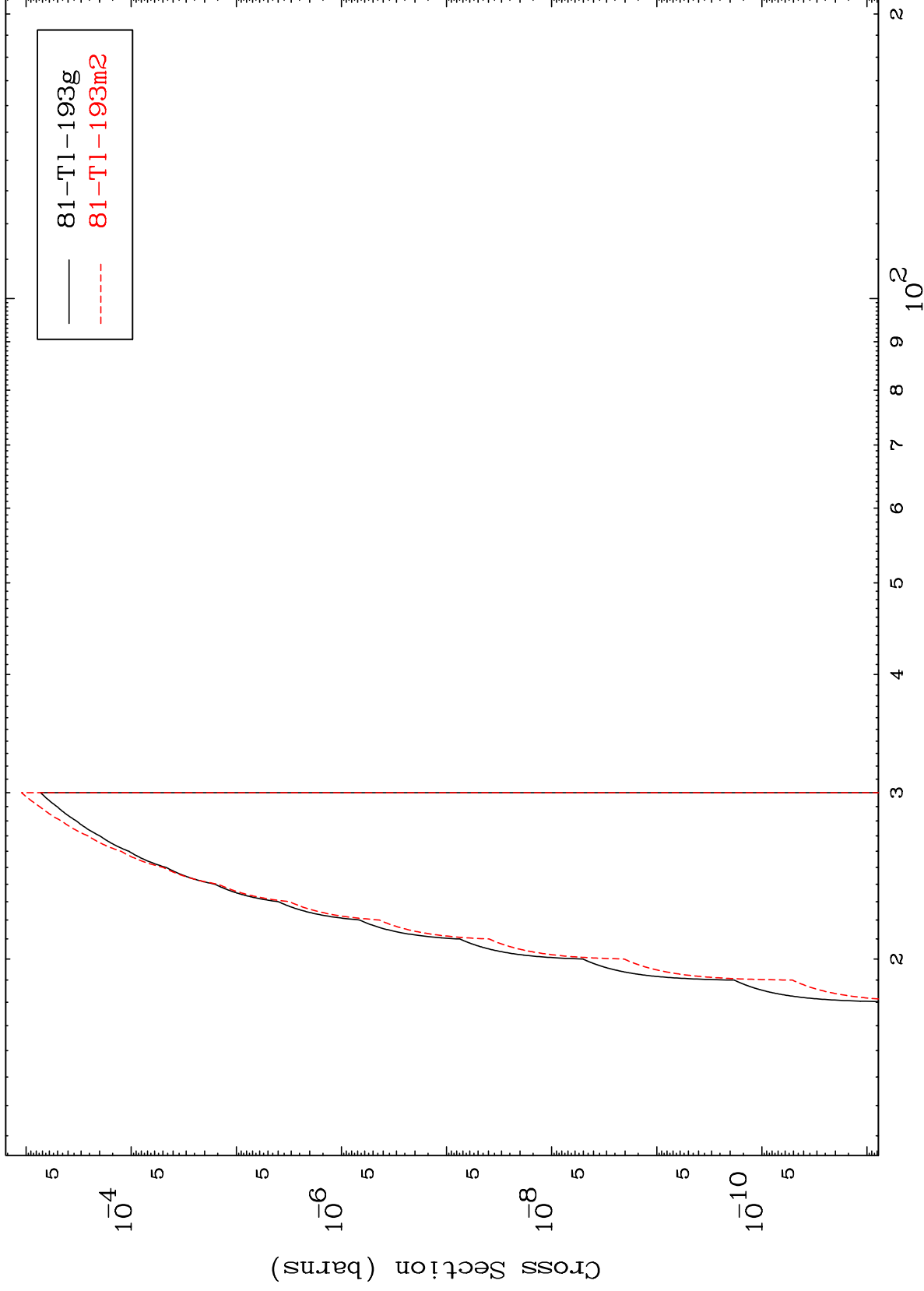
94

Incident Energy (MeV)

82-Pb-196



Radionuclide Production Cross Section

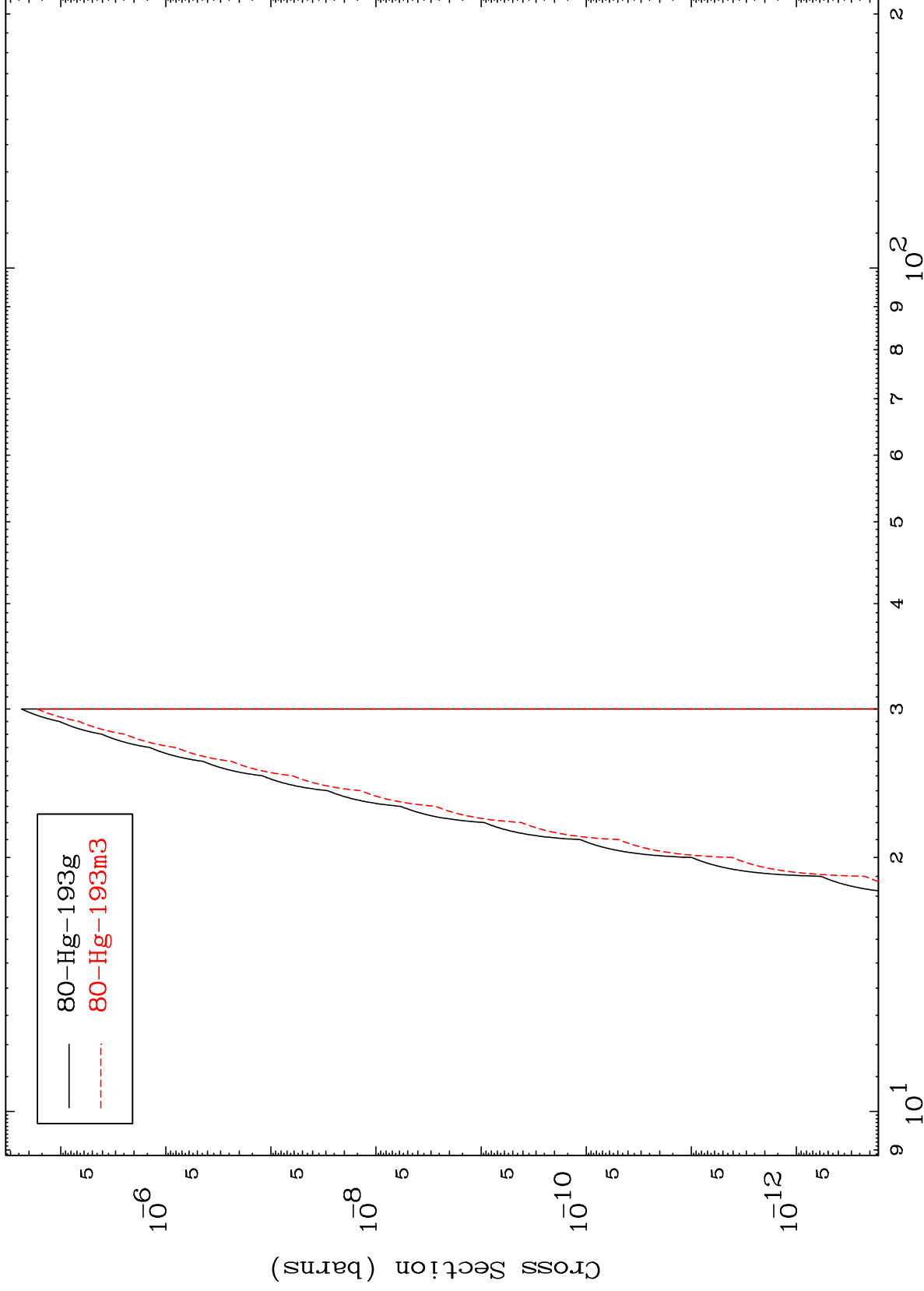


MAT 8201

(n,n') He-3

82-Pb-196

Radionuclide Production Cross Section



97

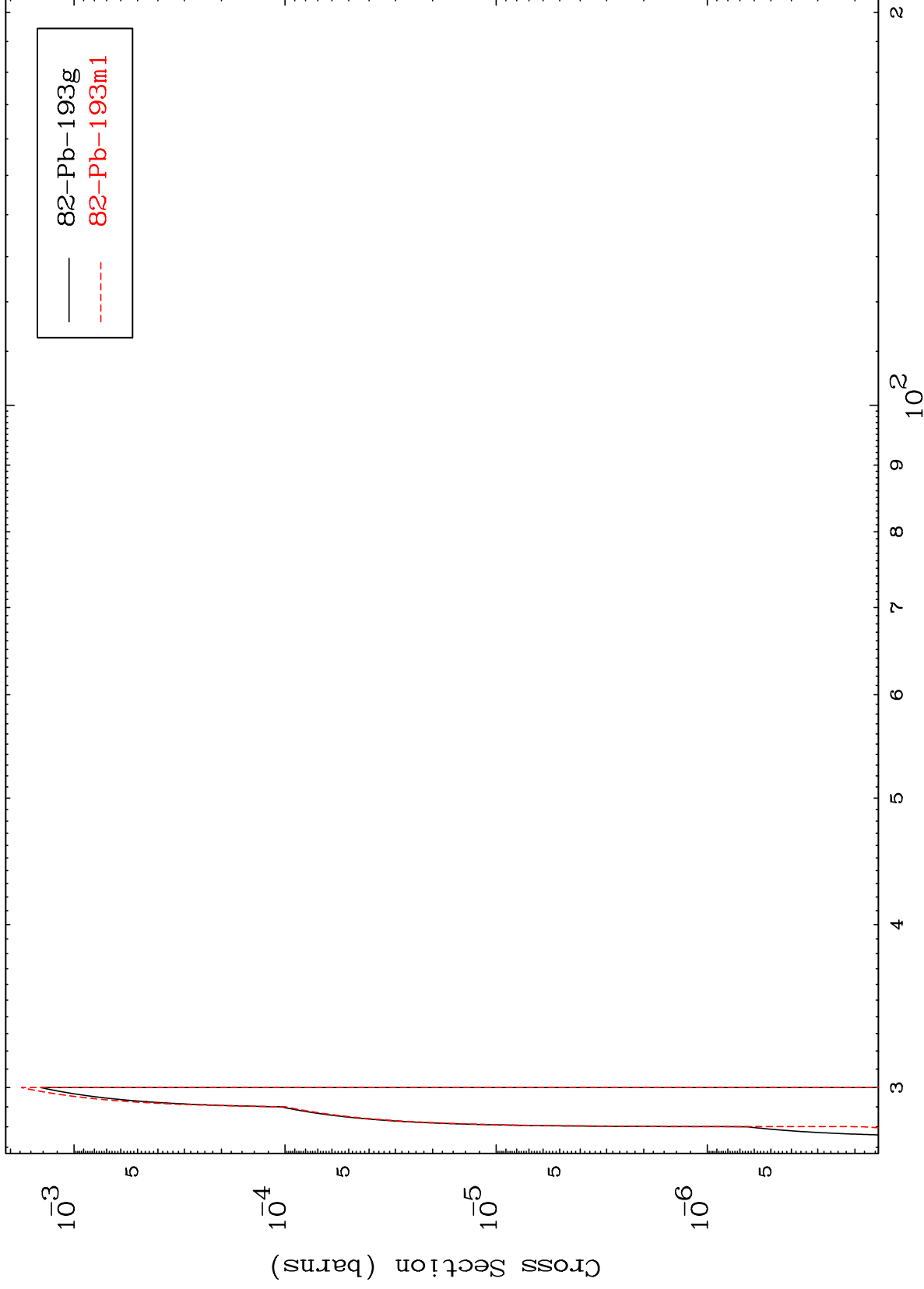
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,4n)
Radionuclide Production Cross Section

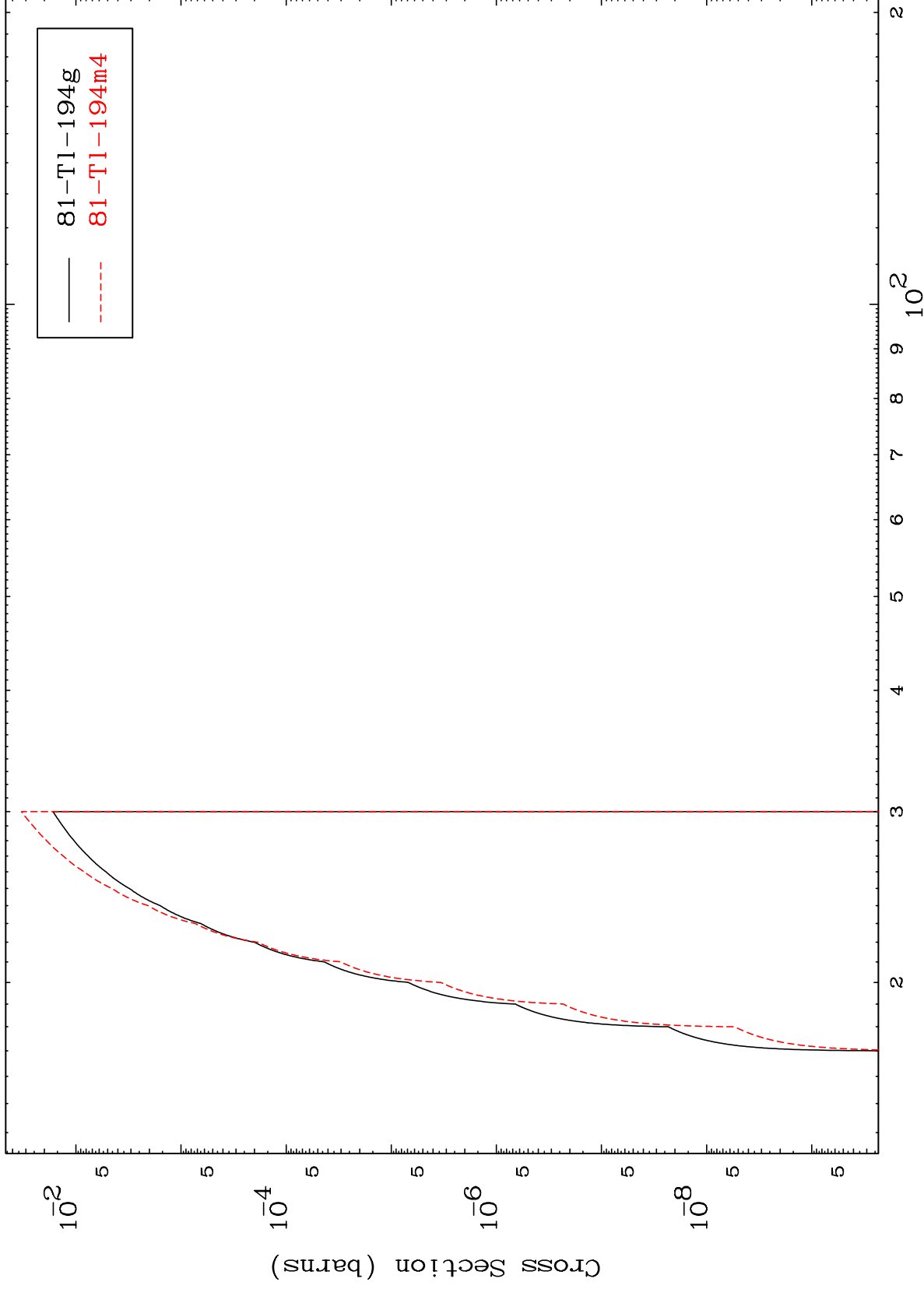


98

82-Pb-196

Incident Energy (MeV)

Radionuclide Production Cross Section

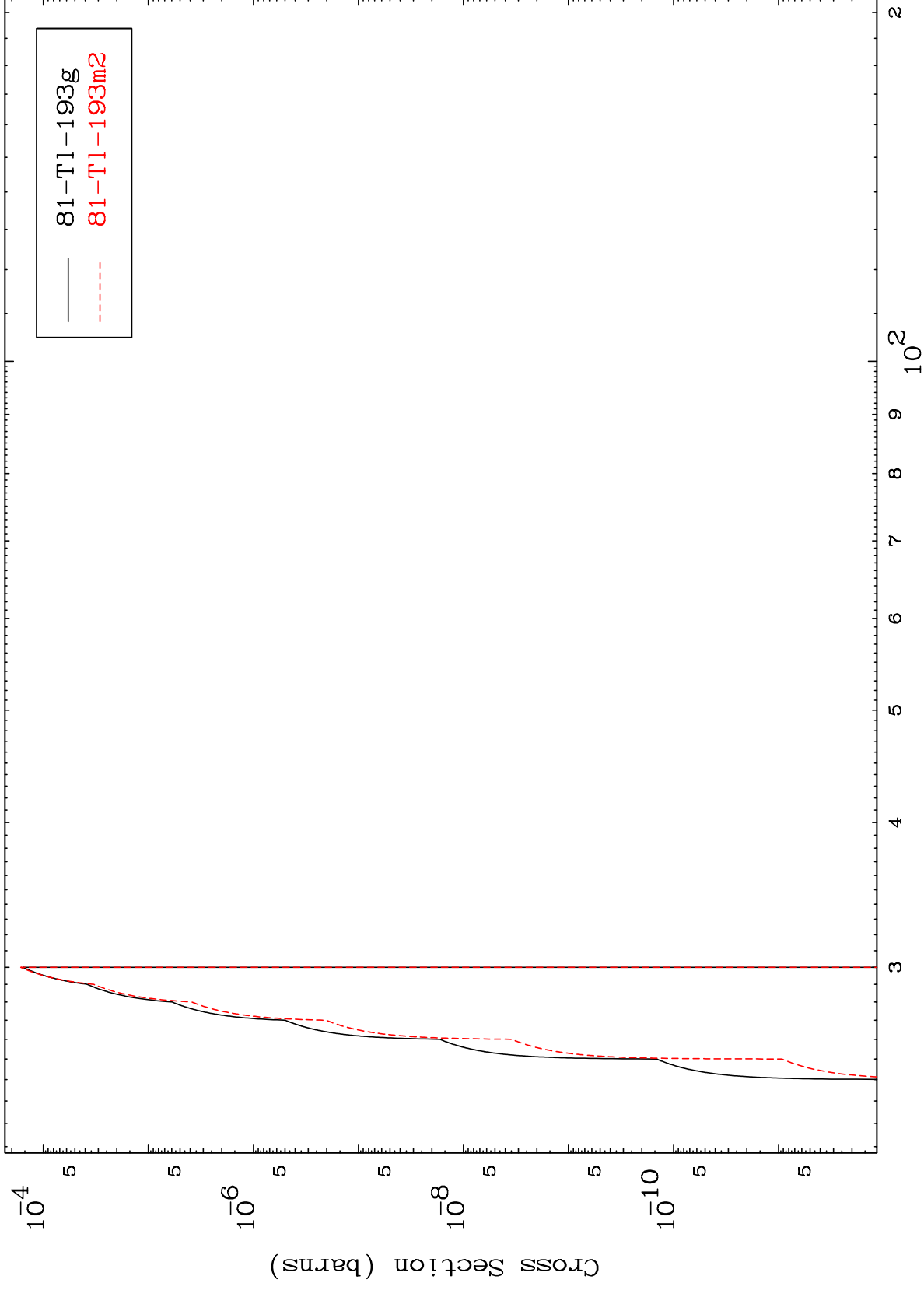


MAT 8201

(n,3n) p

82-Pb-196

Radionuclide Production Cross Section



100

Incident Energy (MeV)

10^2

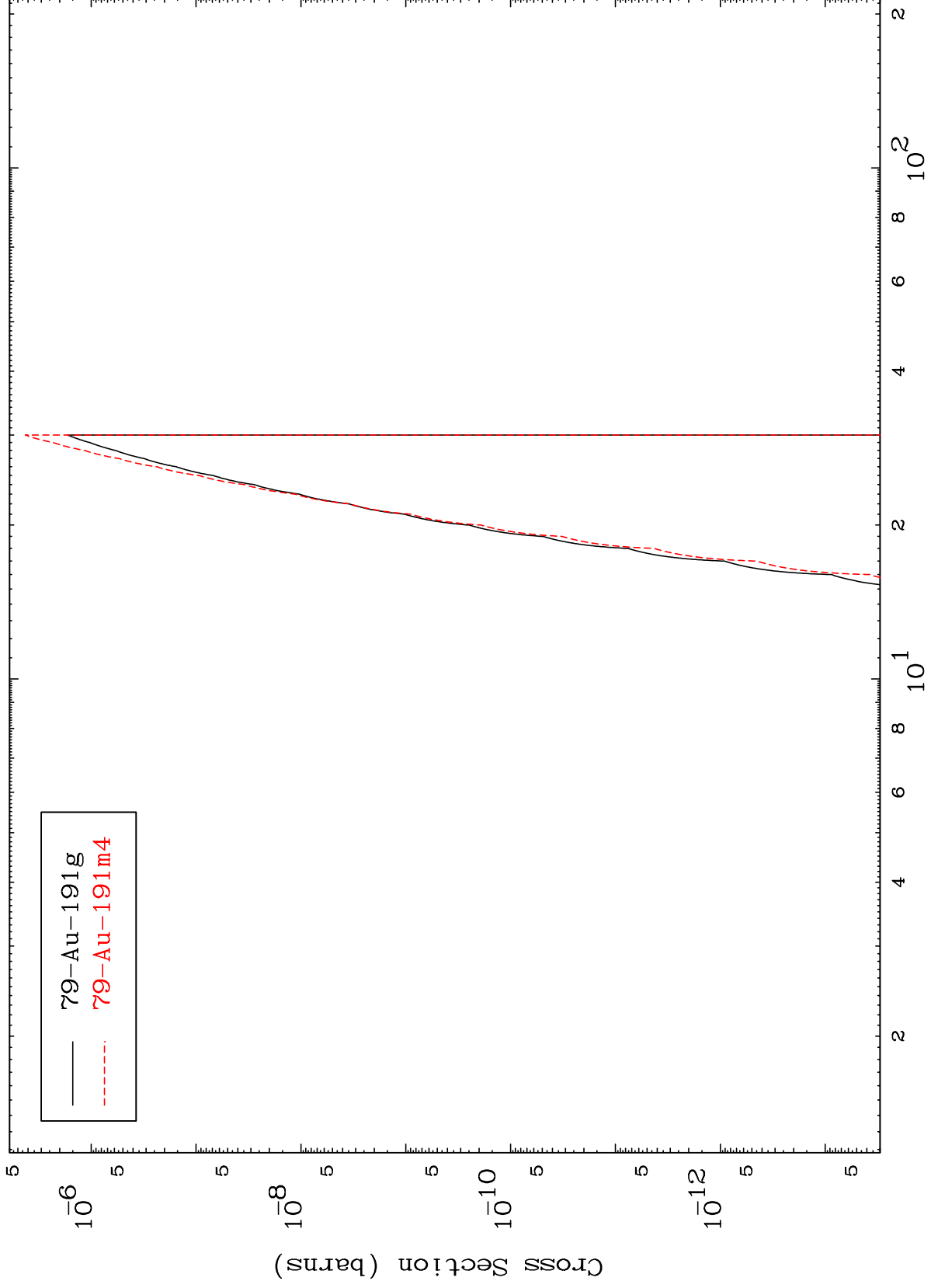
82-Pb-196

MAT 8201

(n,n') p α

82-Pb-196

Radionuclide Production Cross Section



101

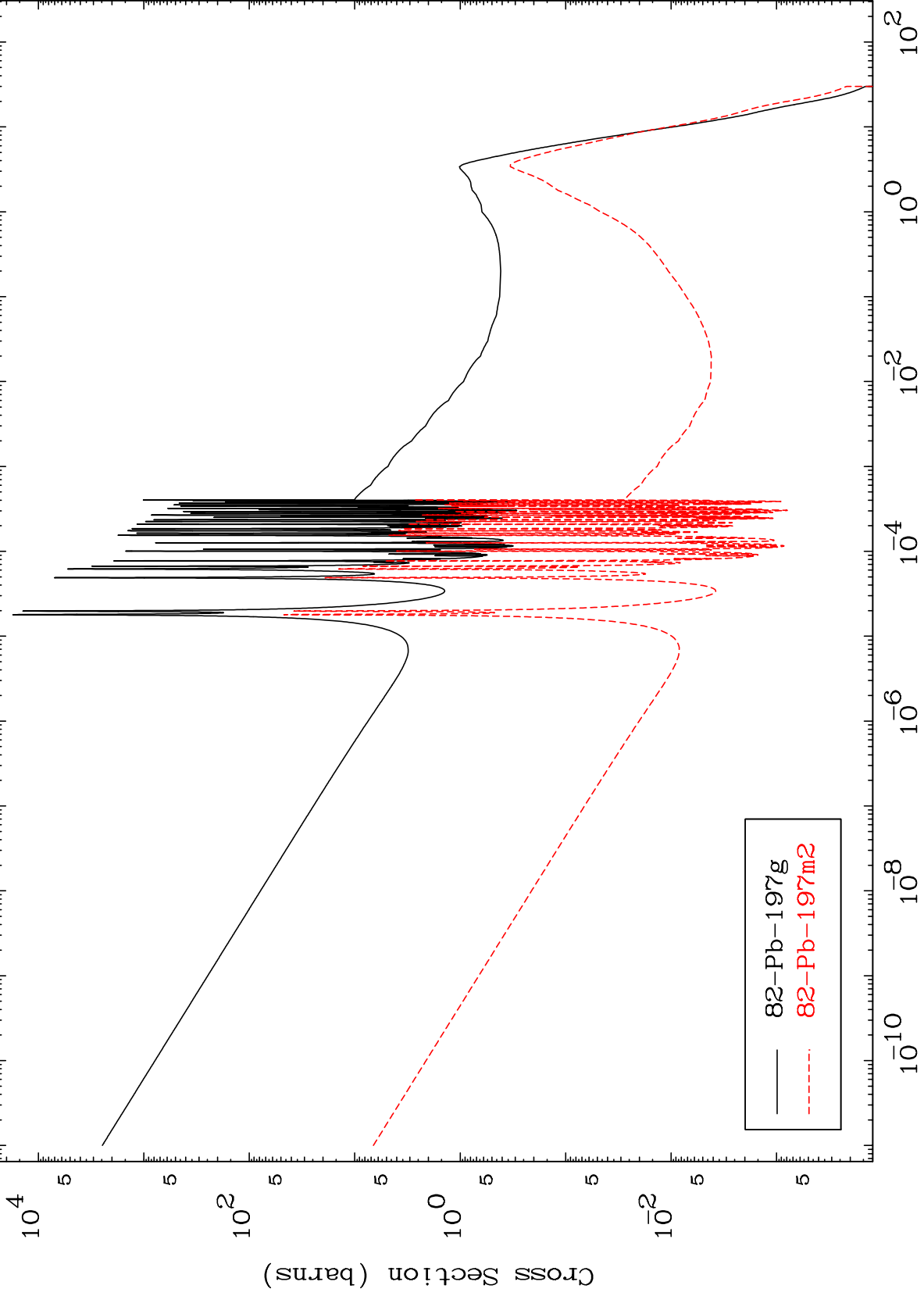
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

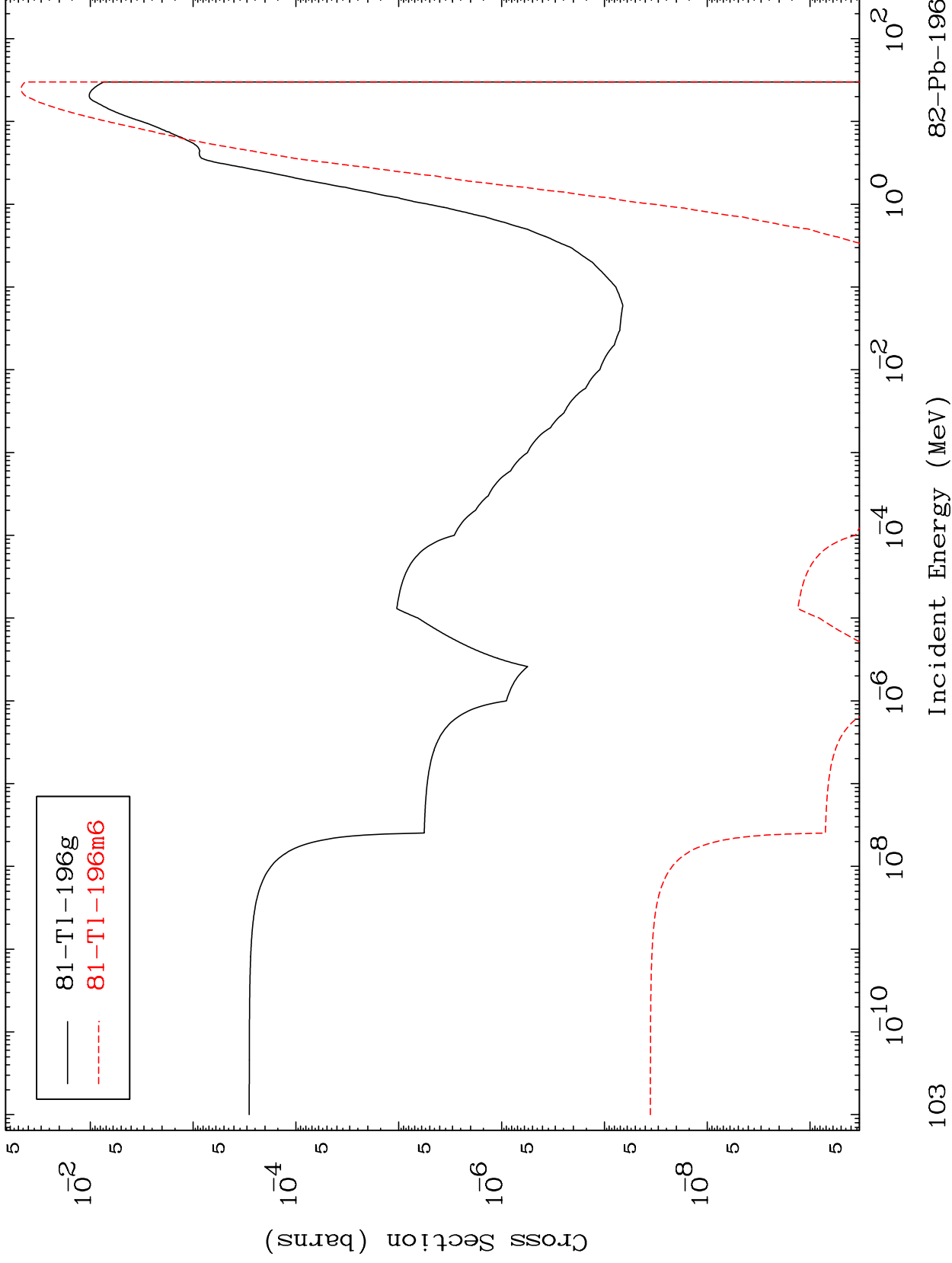
(n, γ)
Radionuclide Production Cross Section



MAT 8201

Radionuclide Production Cross Section
(n,p)

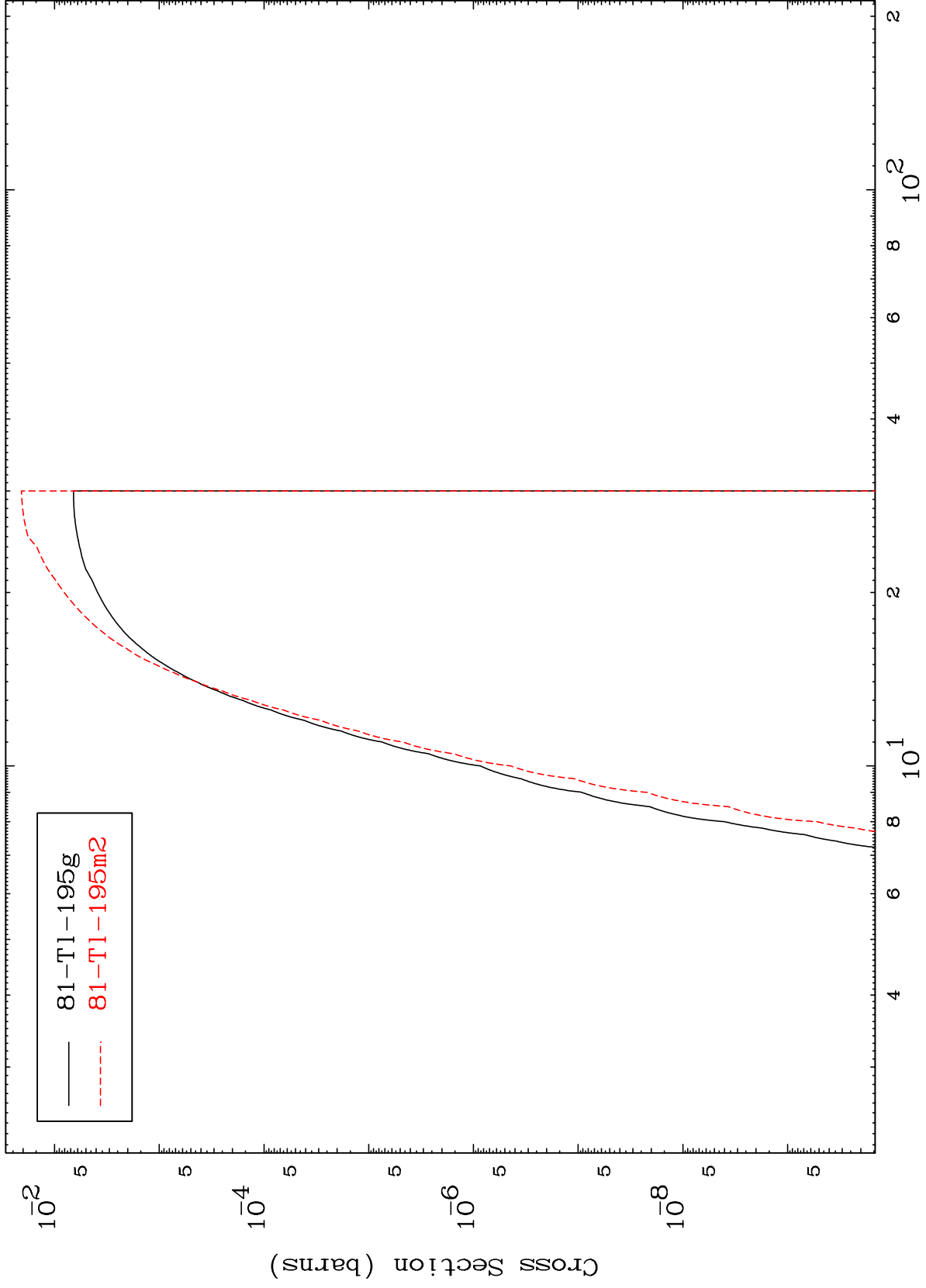
82-Pb-196



MAT 8201

82-Pb-196

(n,d)
Radionuclide Production Cross Section



104

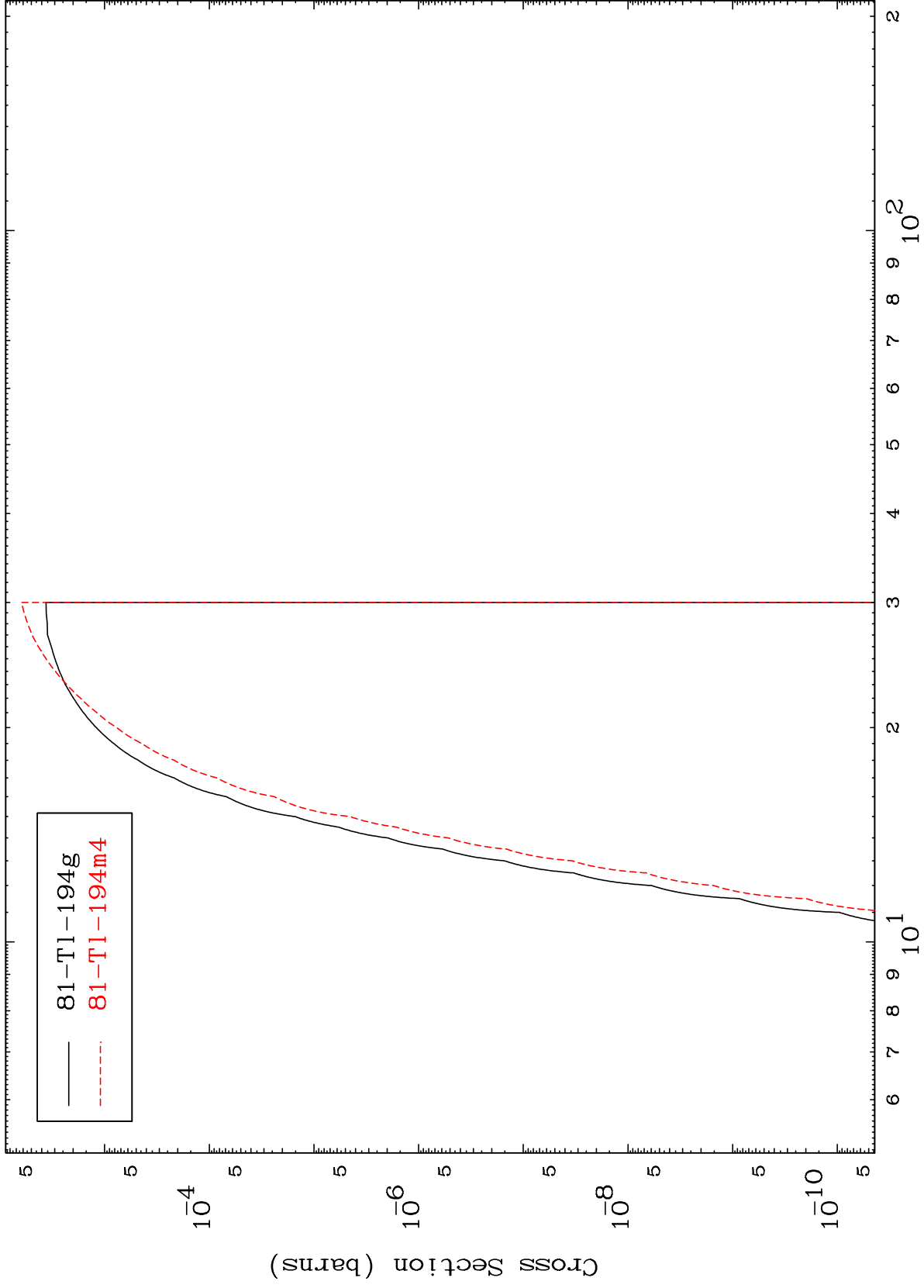
82-Pb-196

Incident Energy (MeV)

MAT 8201

82-Pb-196

(n, t)
Radionuclide Production Cross Section



105

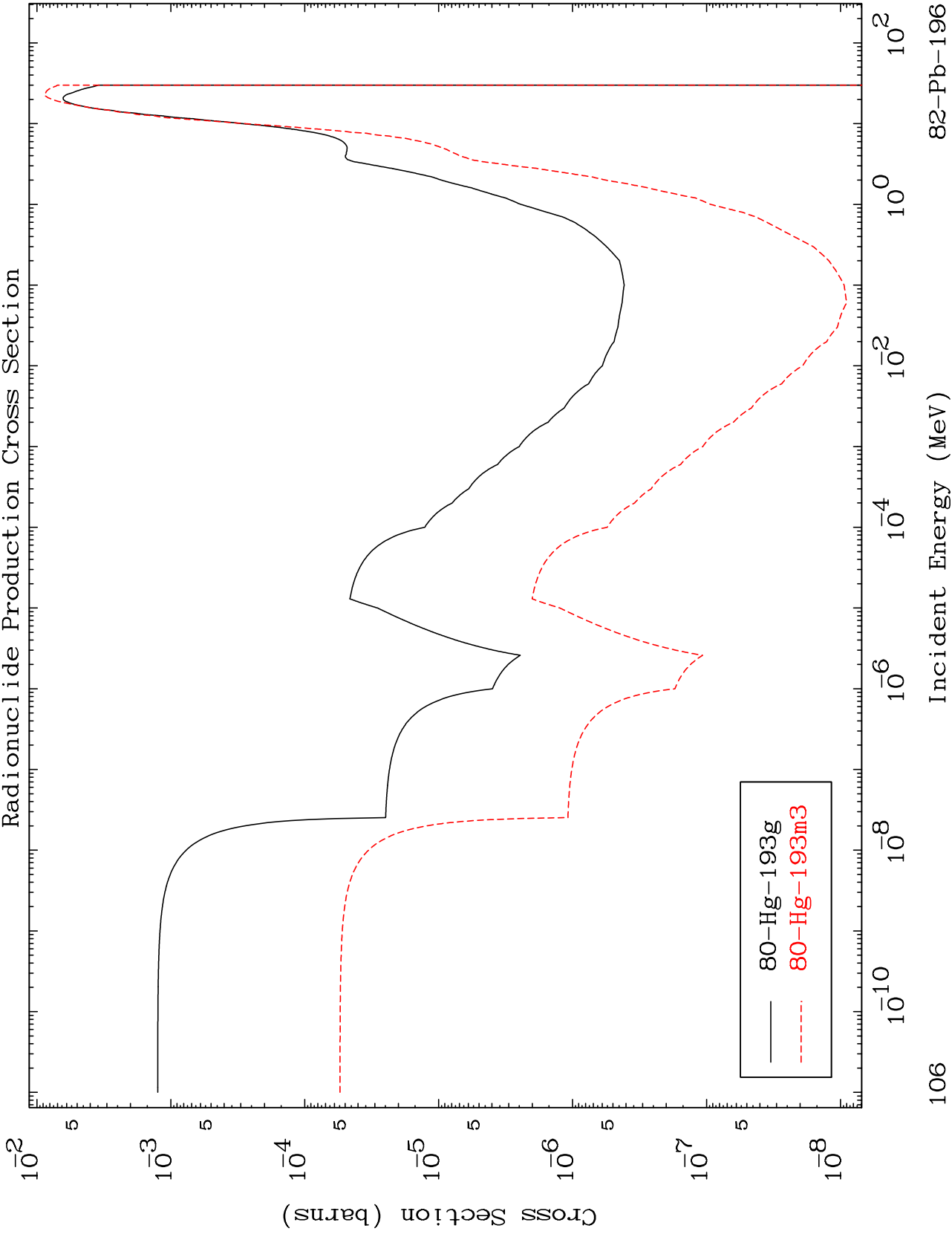
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

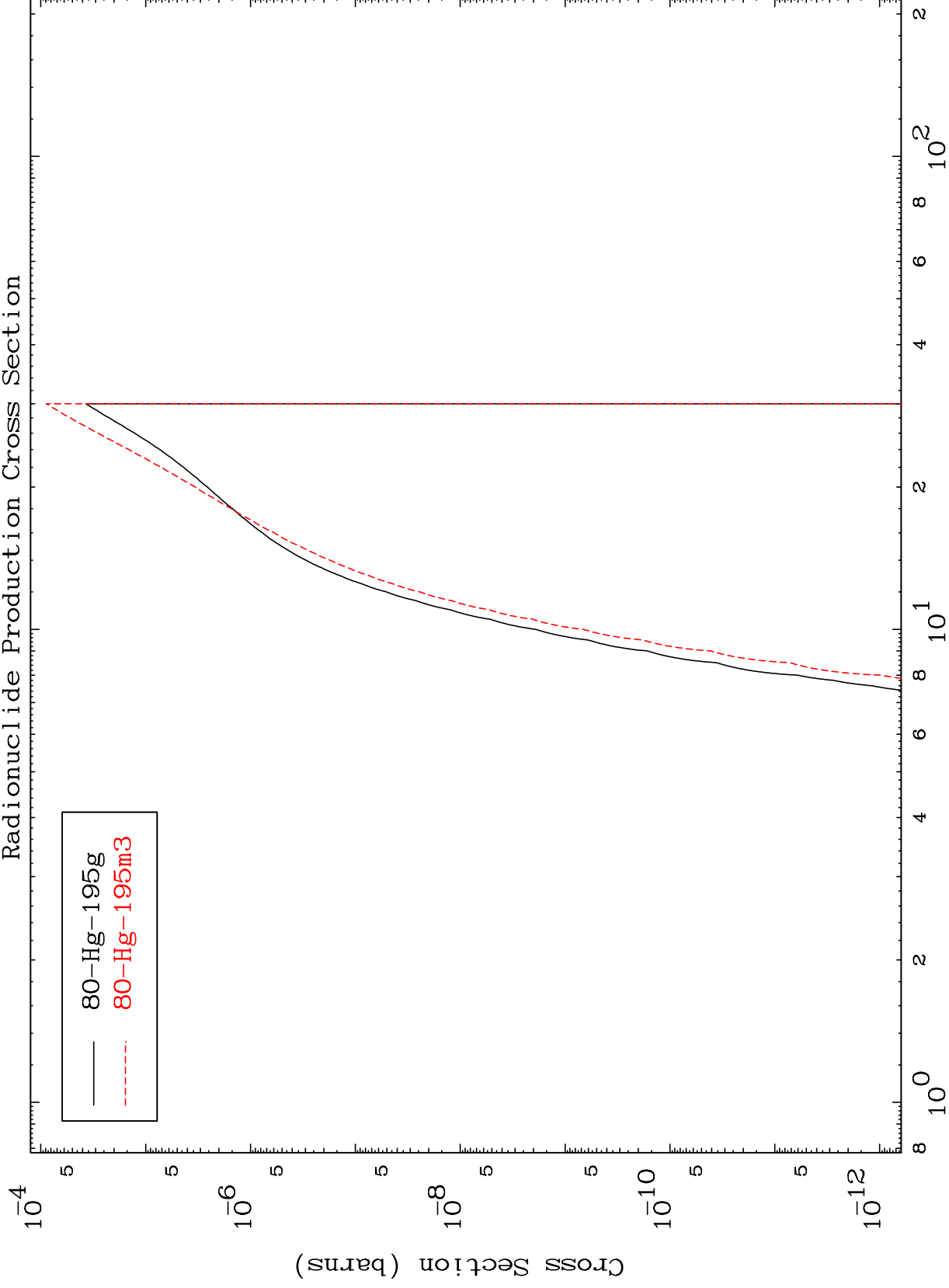
Radionuclide Production Cross Section
(n, α)



MAT 8201

82-Pb-196

(n,2p)
Radionuclide Production Cross Section



107

Incident Energy (MeV)

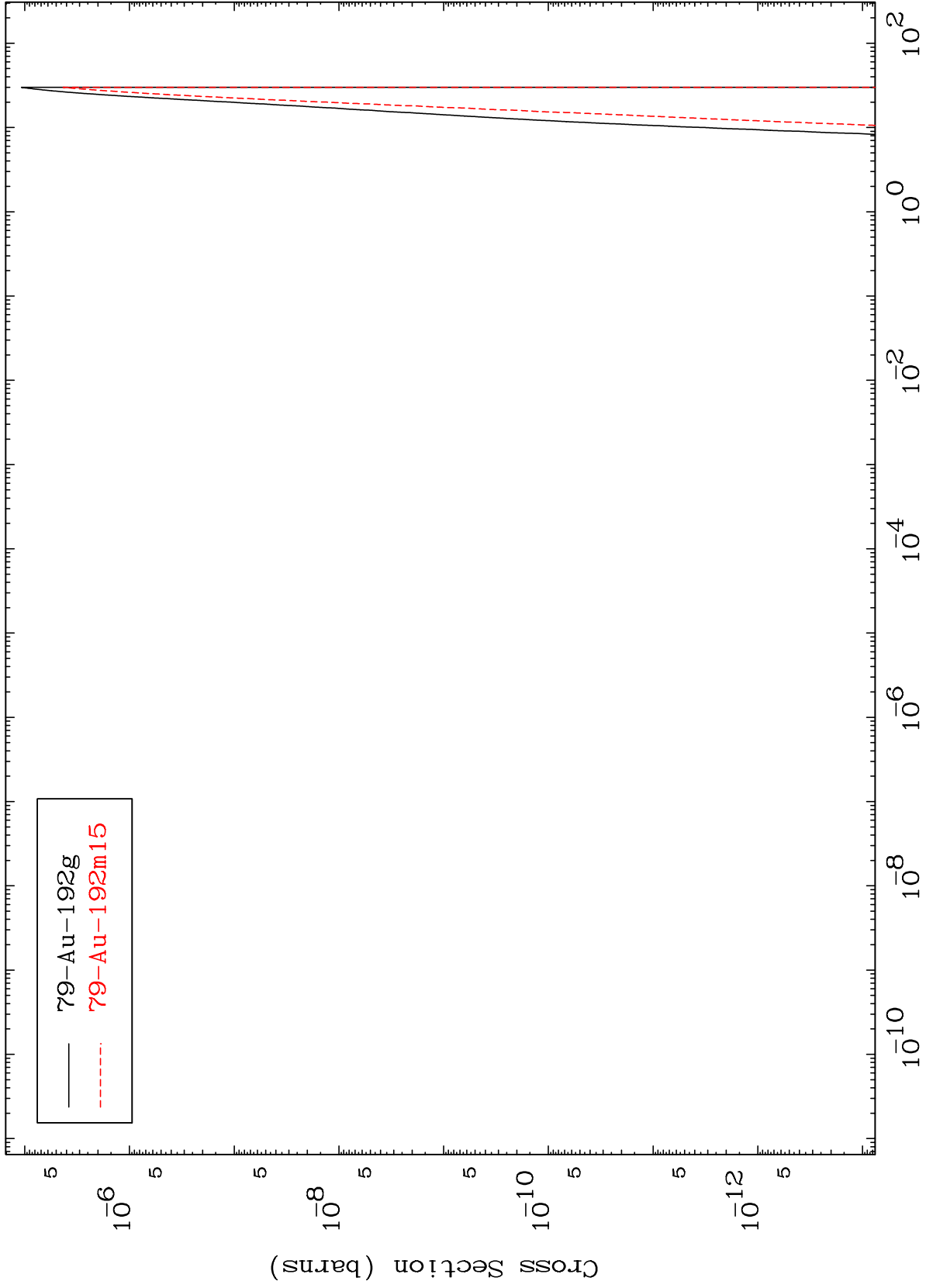
82-Pb-196

MAT 8201

(n,p) α

82-Pb-196

Radionuclide Production Cross Section



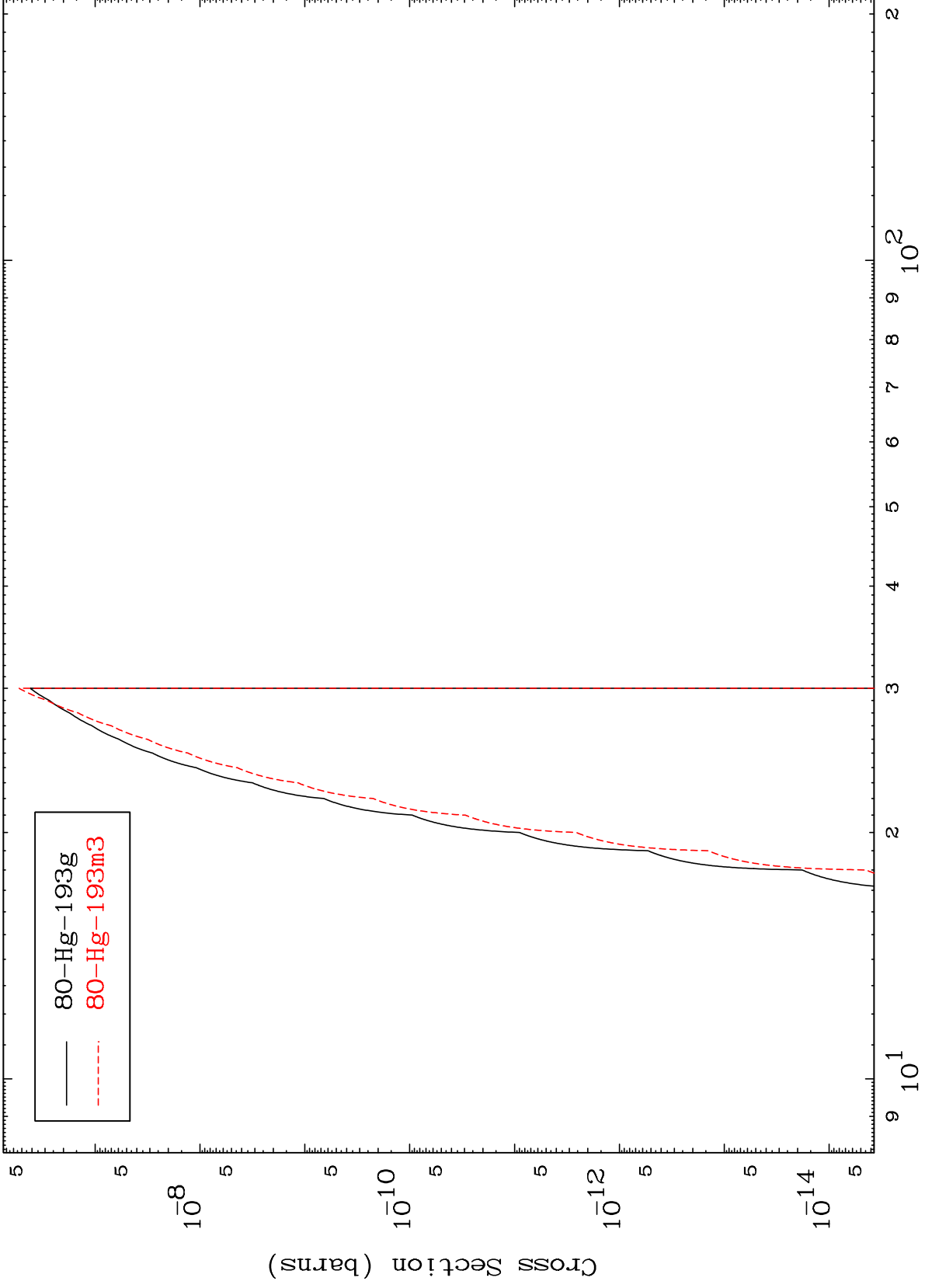
— 79-Au-192g
- - - 79-Au-192m15

MAT 8201

(n,p) t

82-Pb-196

Radionuclide Production Cross Section



109

Incident Energy (MeV)

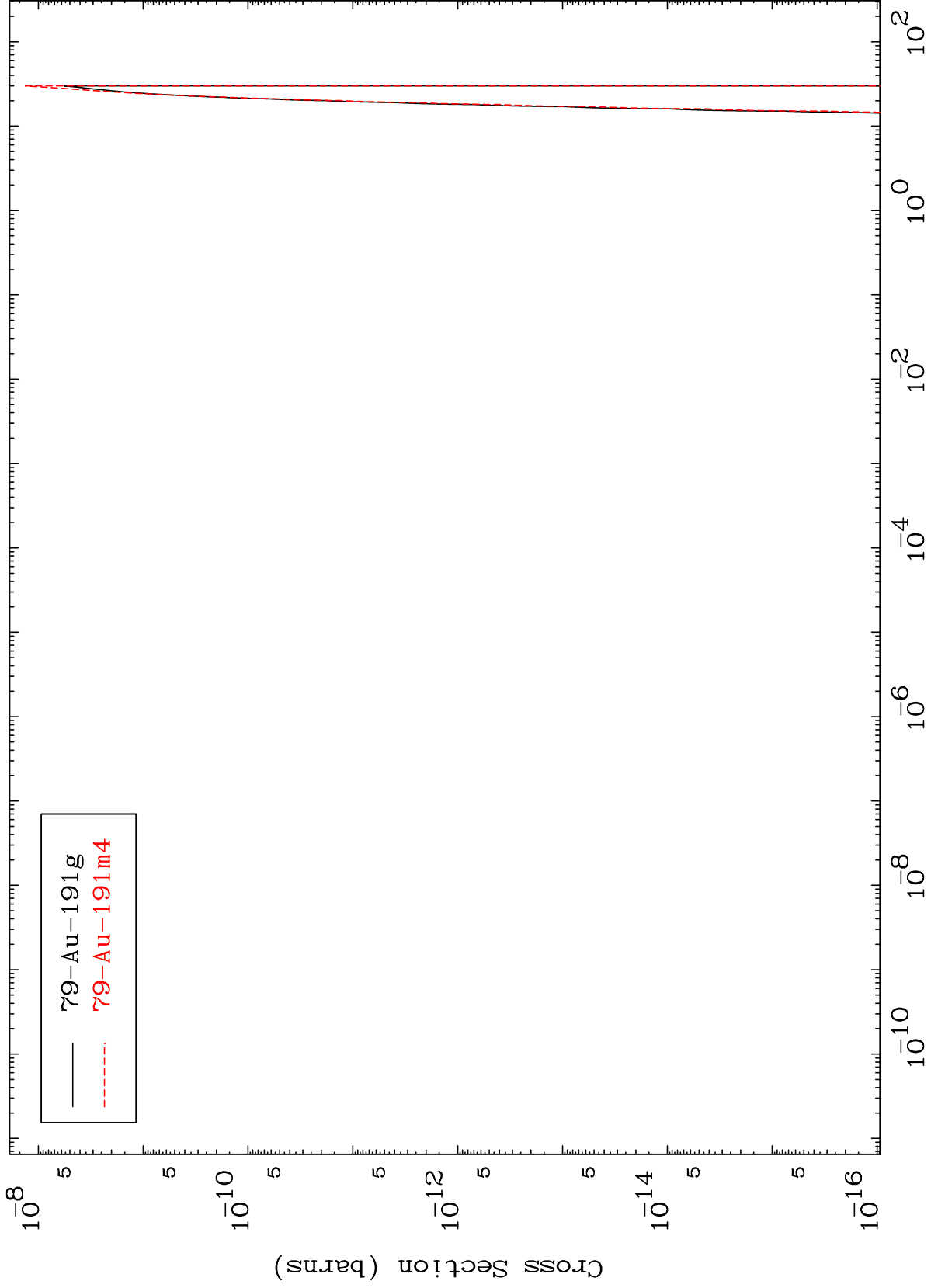
82-Pb-196

MAT 8201

(n,d) α

82-Pb-196

Radionuclide Production Cross Section



— $^{79}\text{Au-191g}$
- - - $^{79}\text{Au-191m4}$