

Program EVALPLOT
(Version 2021-1)

by

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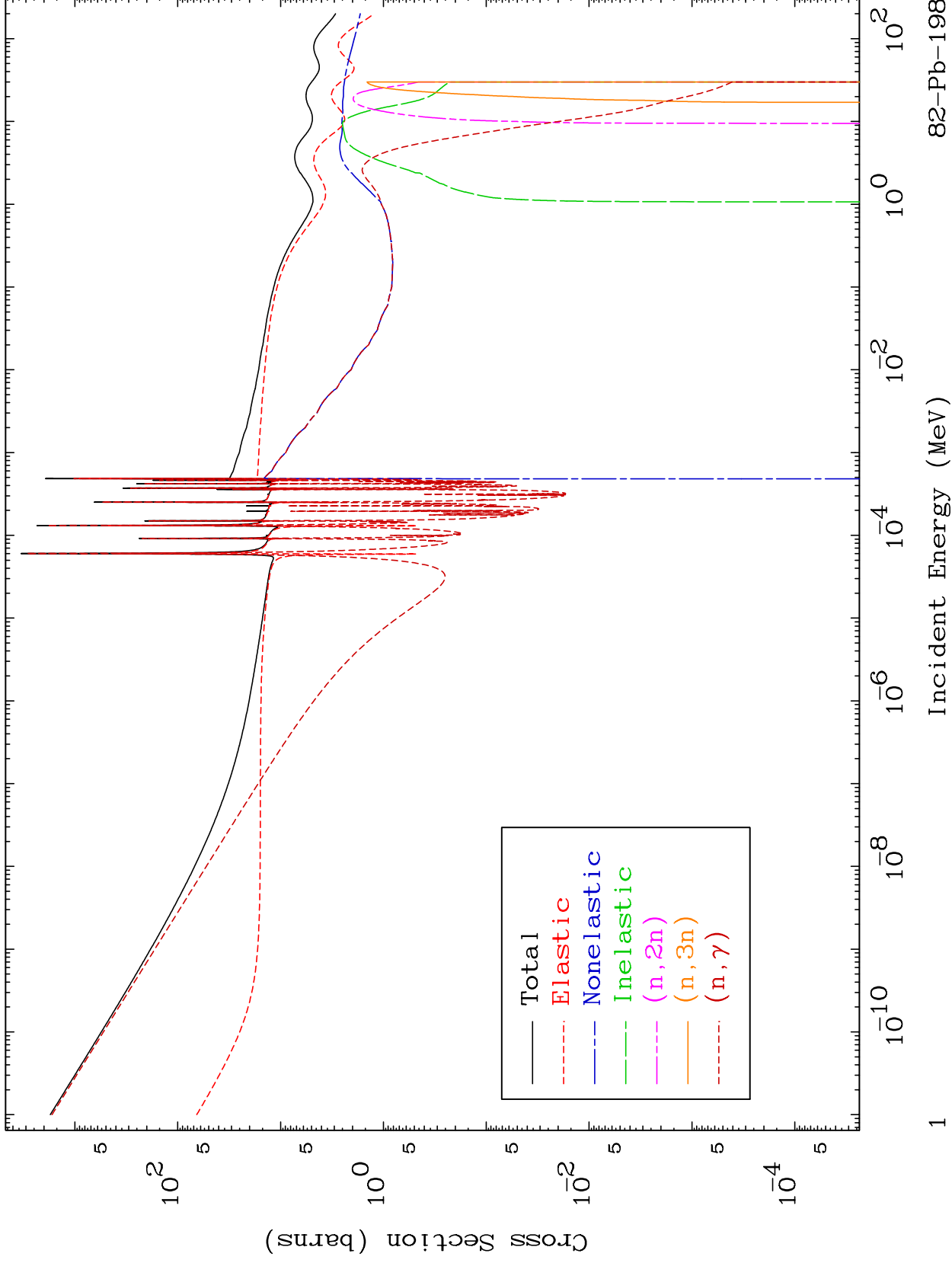
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Press Mouse Button to Start

MAT 8207

Neutron Major
293 Kelvin Cross Sections

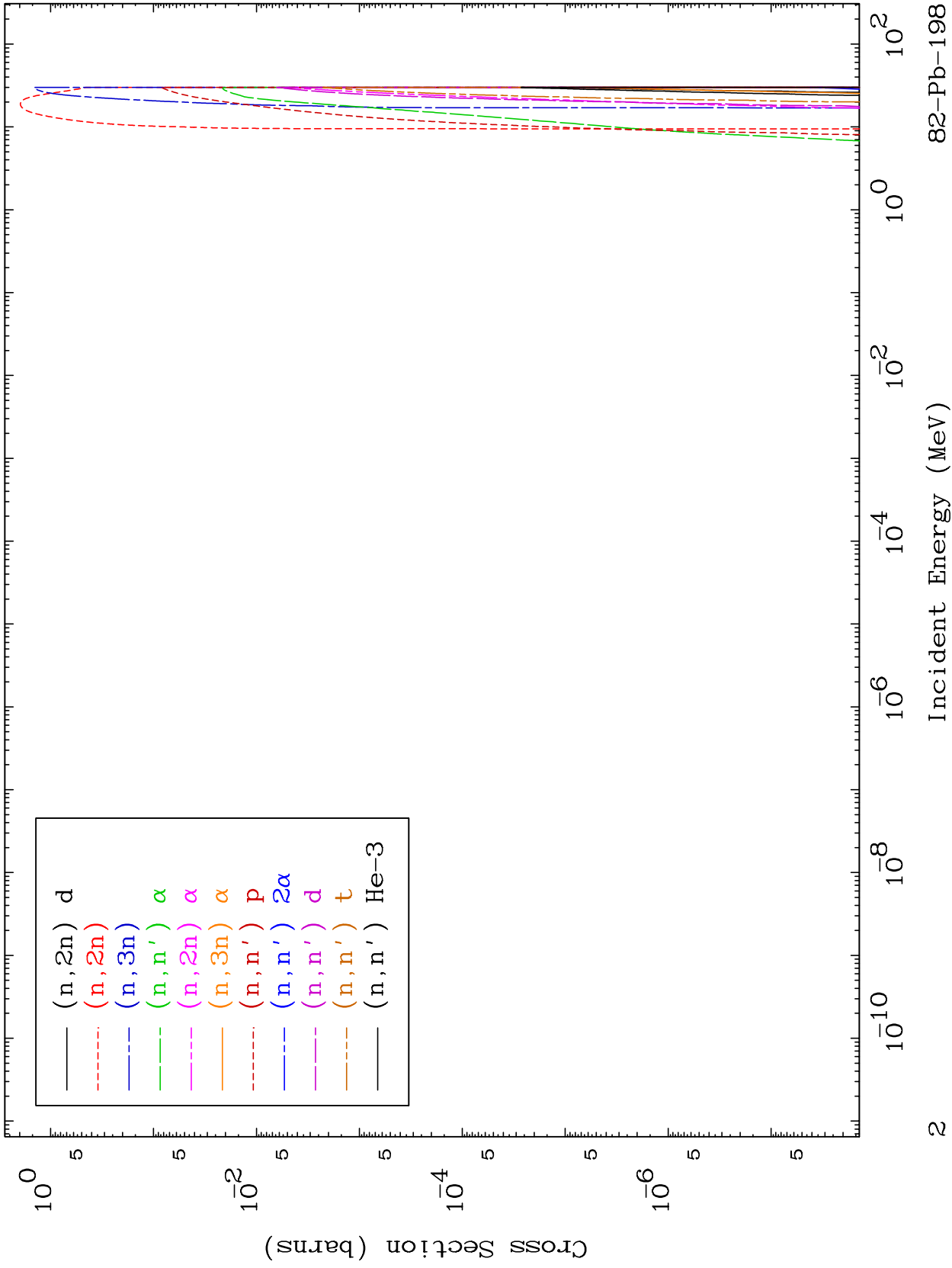
82-Pb-198



MAT 8207

Neutron Absorption
293 Kelvin Cross Sections

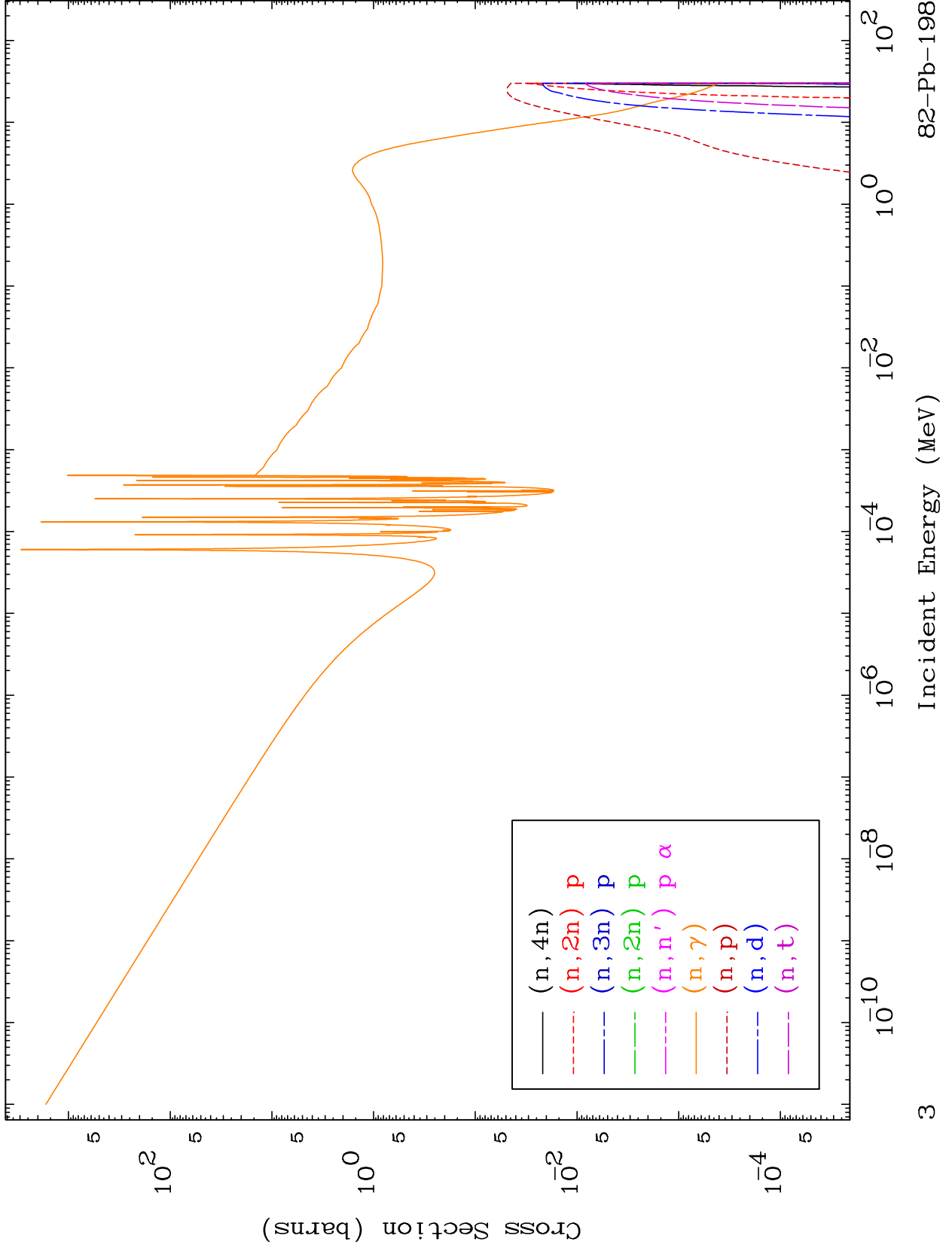
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MAT 8207

Neutron Absorption
293 Kelvin Cross Sections

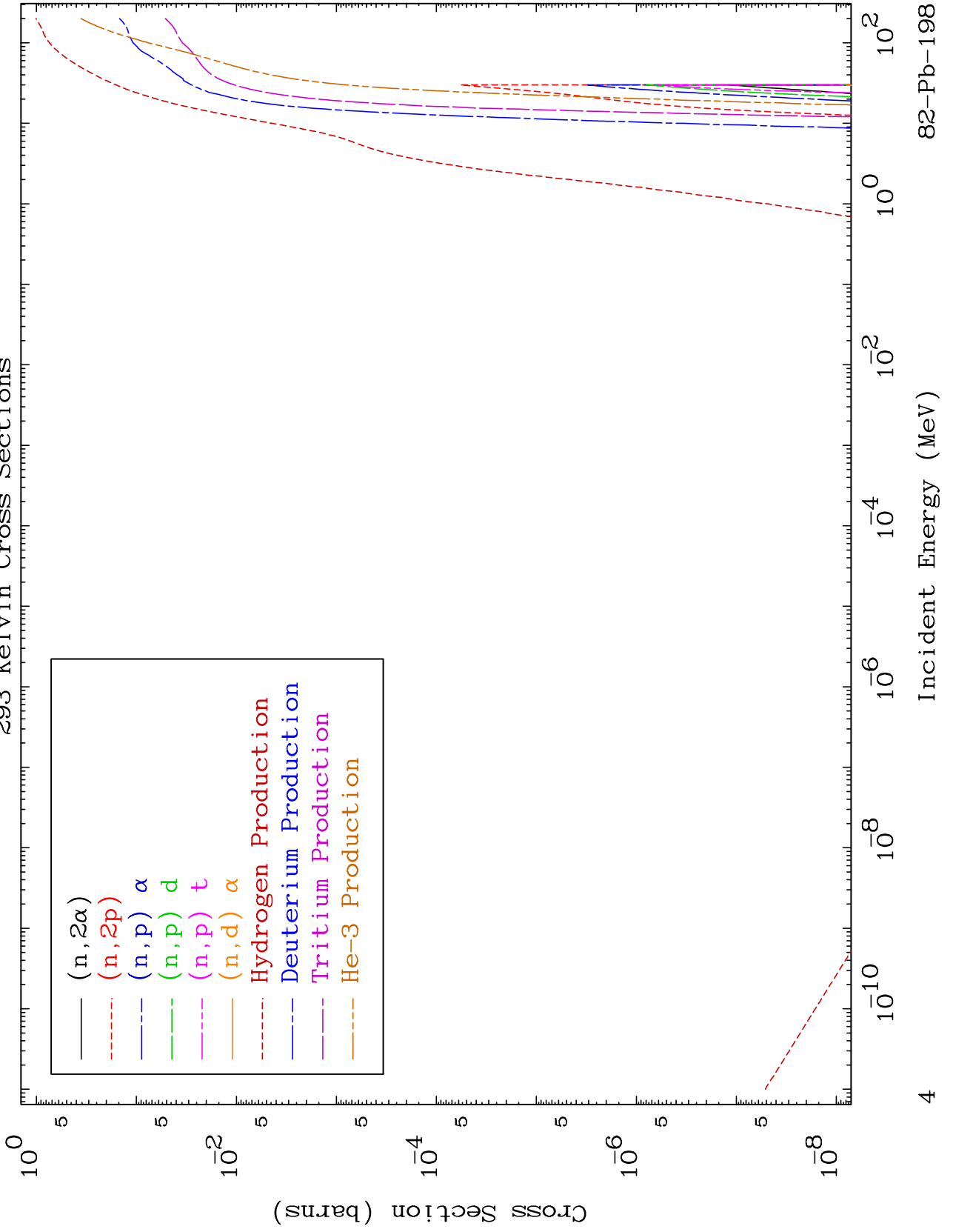
82-Pb-198



MAT 8207

Neutron Absorption
293 Kelvin Cross Sections

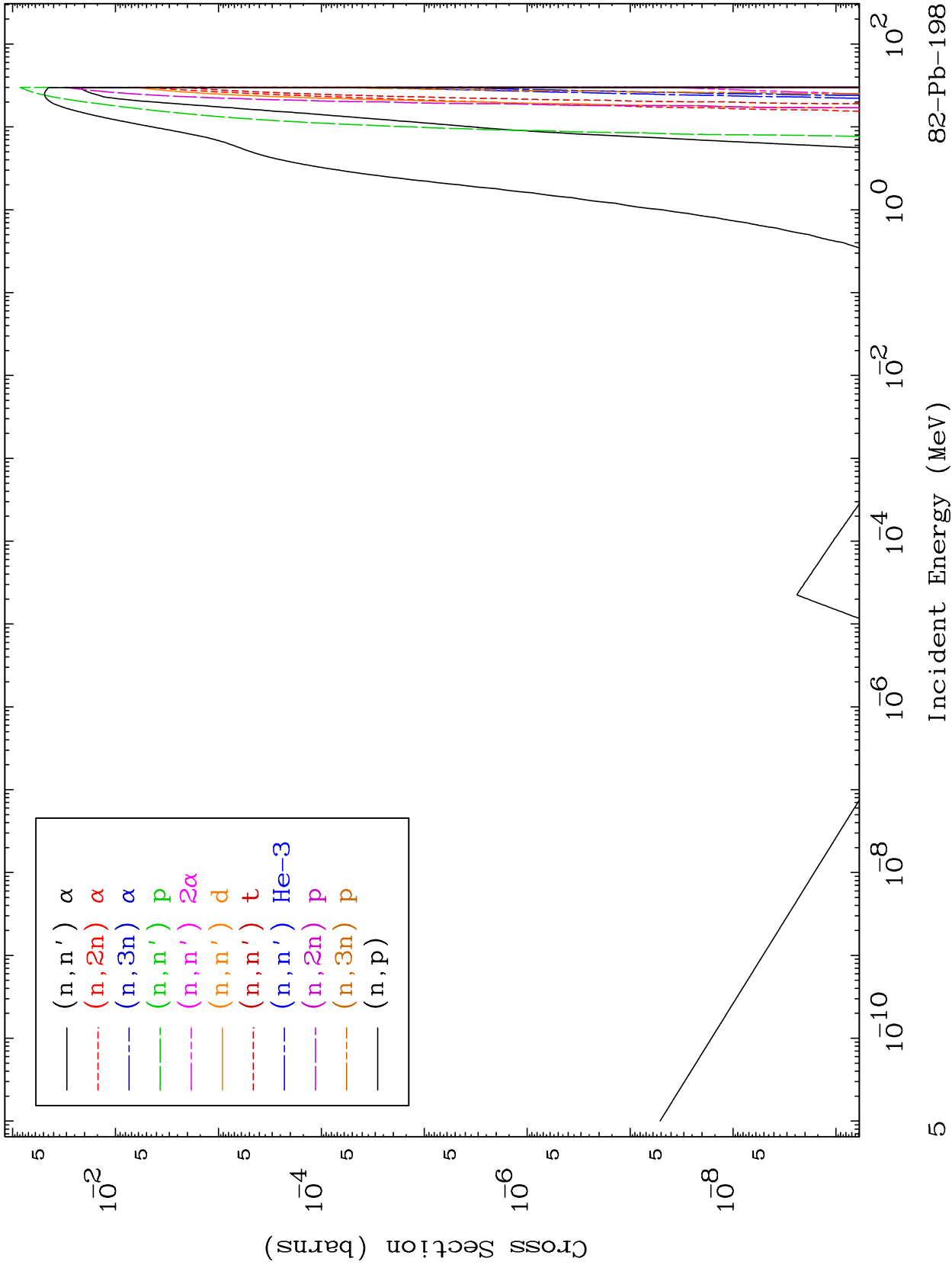
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MAT 8207

Charged Particle
293 Kelvin Cross Sections

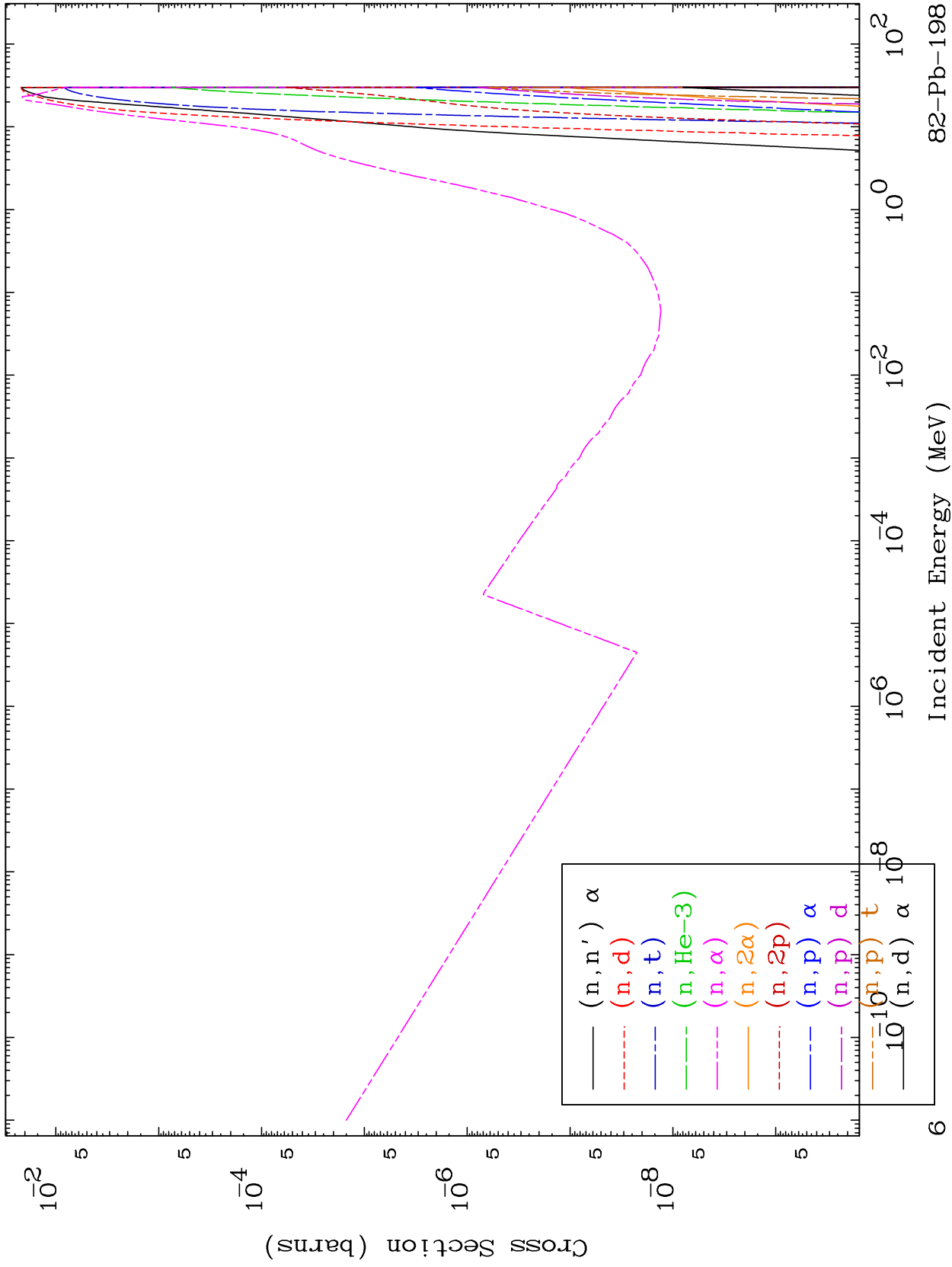
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MAT 8207

Charged Particle
293 Kelvin Cross Sections

82-Pb-198



82-Pb-198

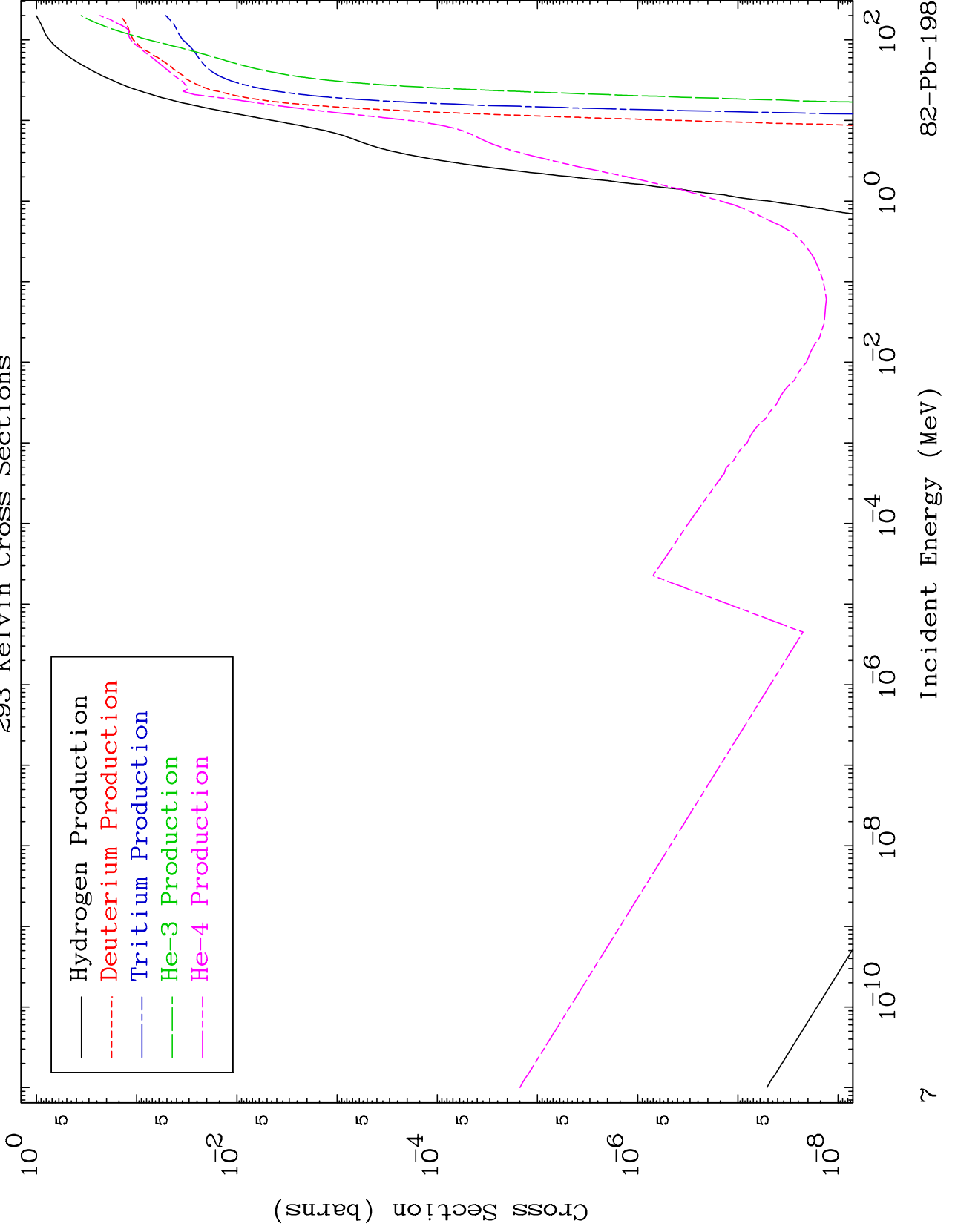
Incident Energy (MeV)

6

MAT 8207

Particle Production
293 Kelvin Cross Sections

82-Pb-198

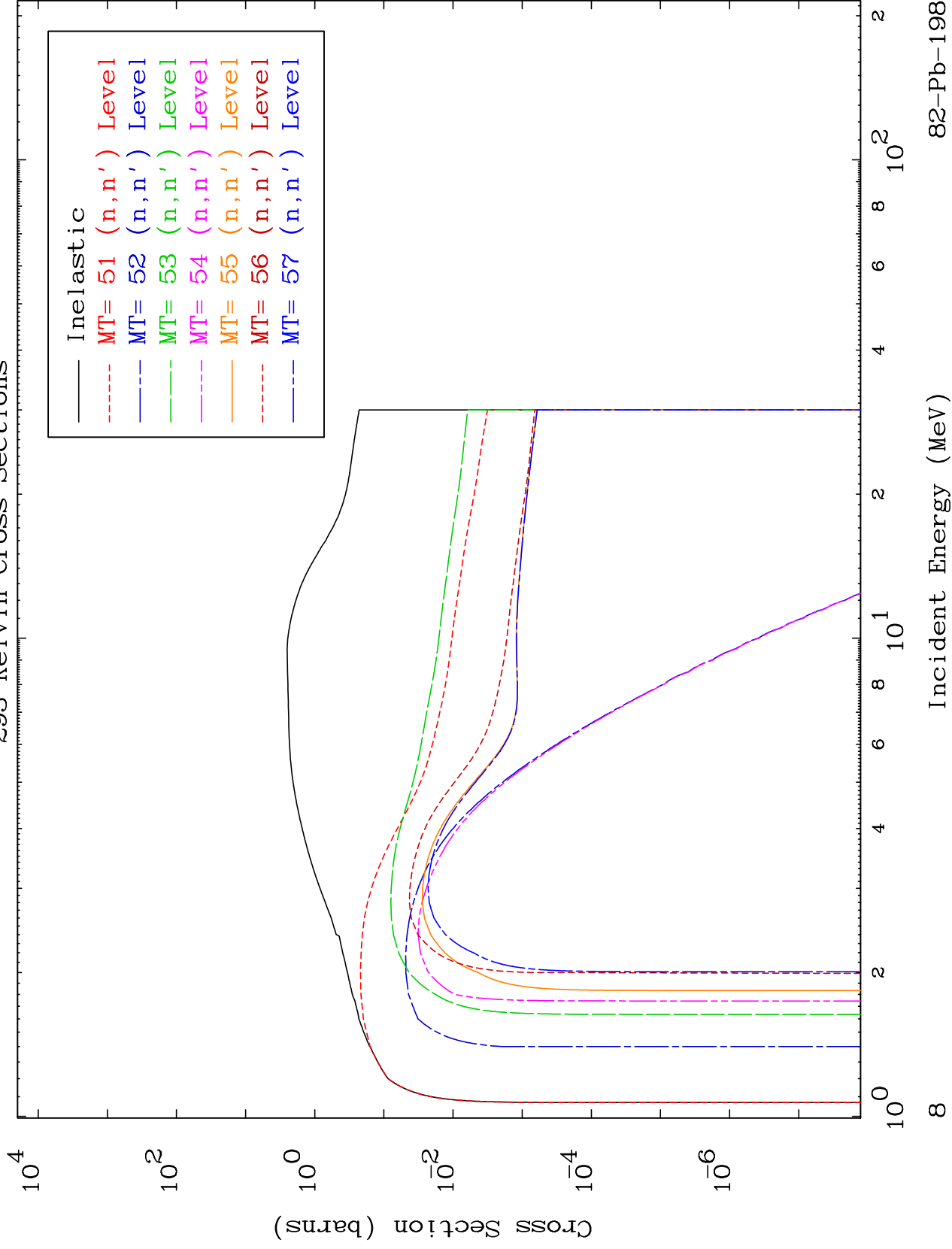


MAT 8207

(n,n') Levels

82-Pb-198

293 Kelvin Cross Sections

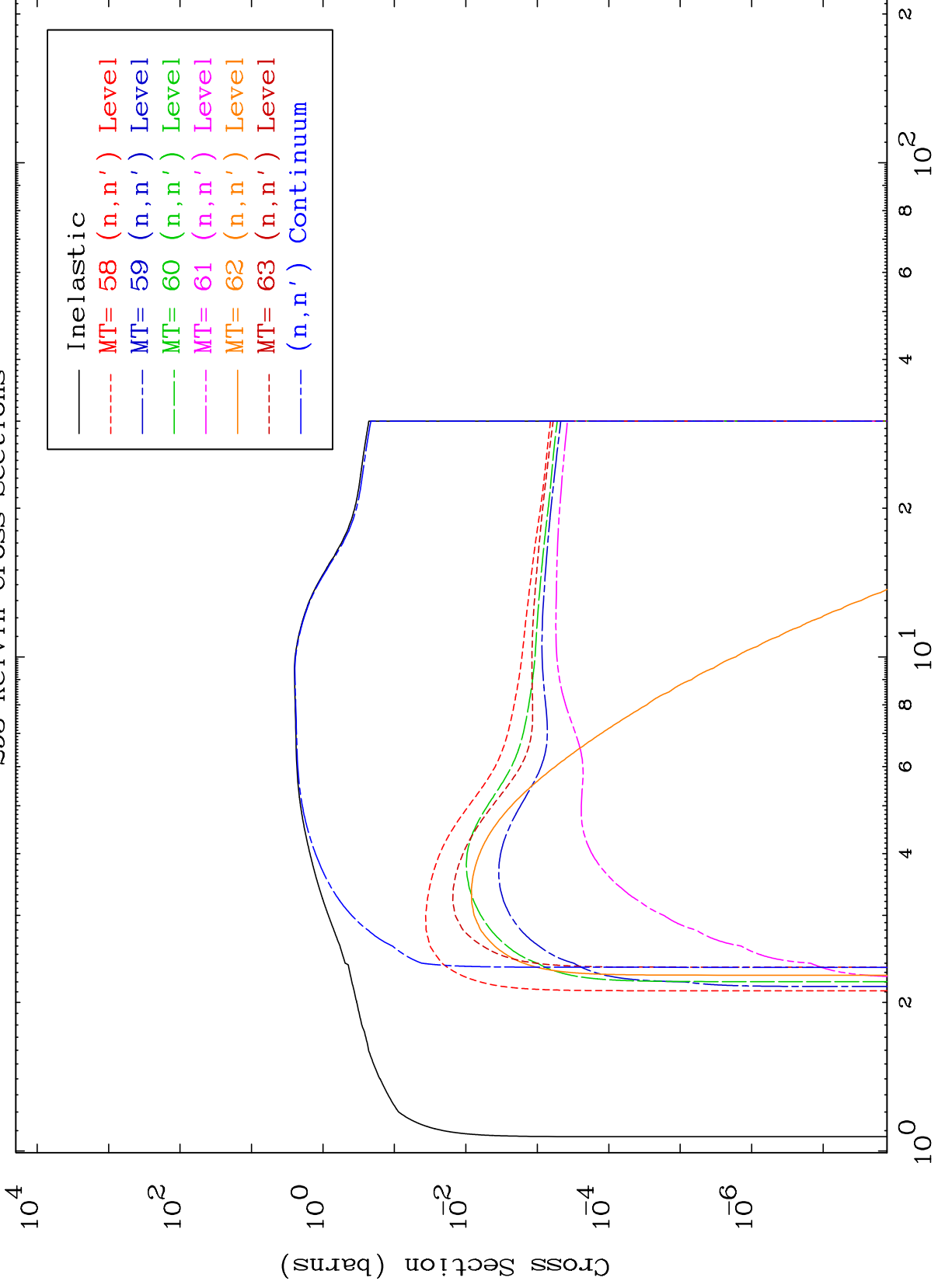


MAT 8207

(n,n') Levels

293 Kelvin Cross Sections

82-Pb-198



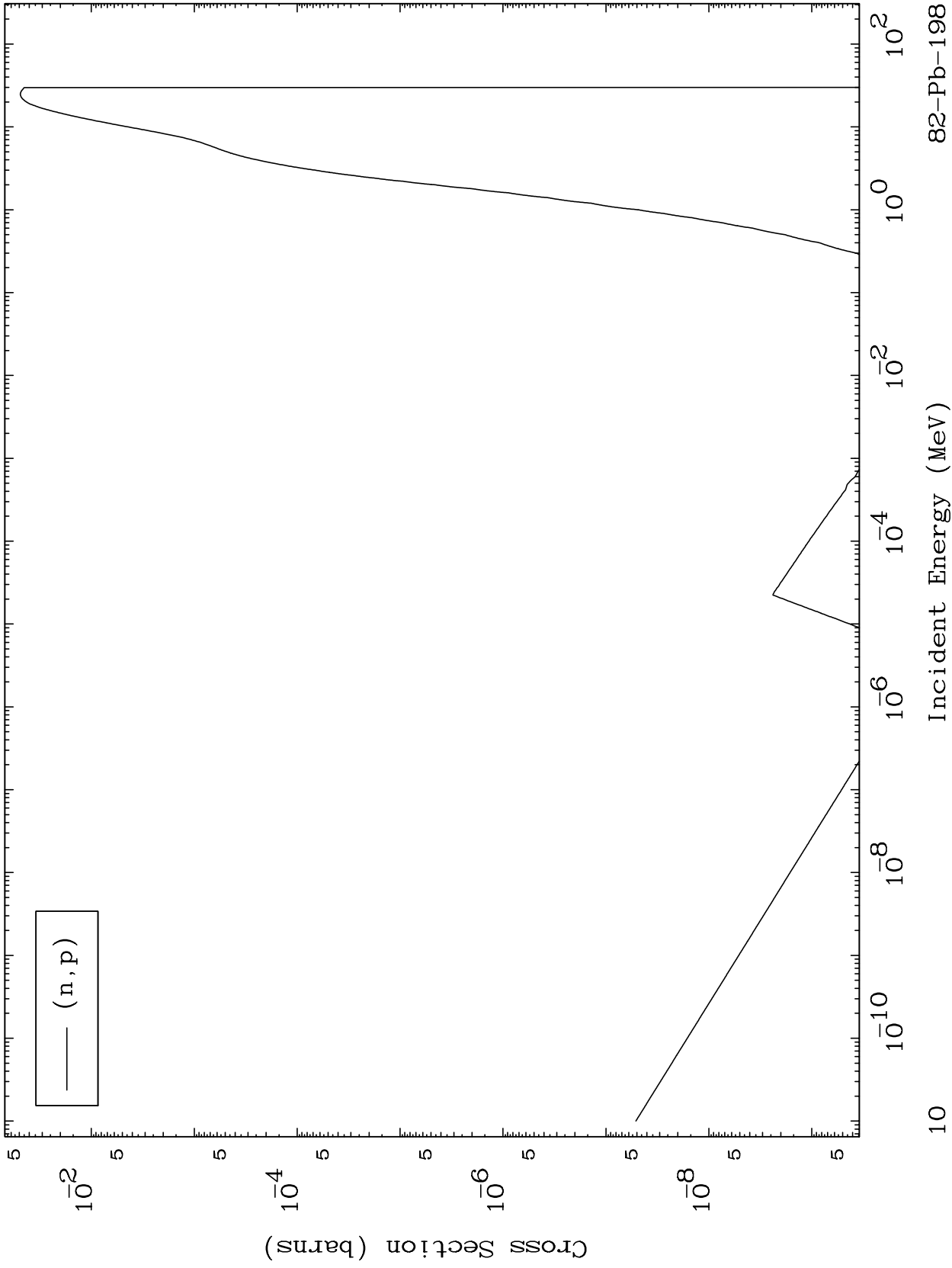
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-198



10

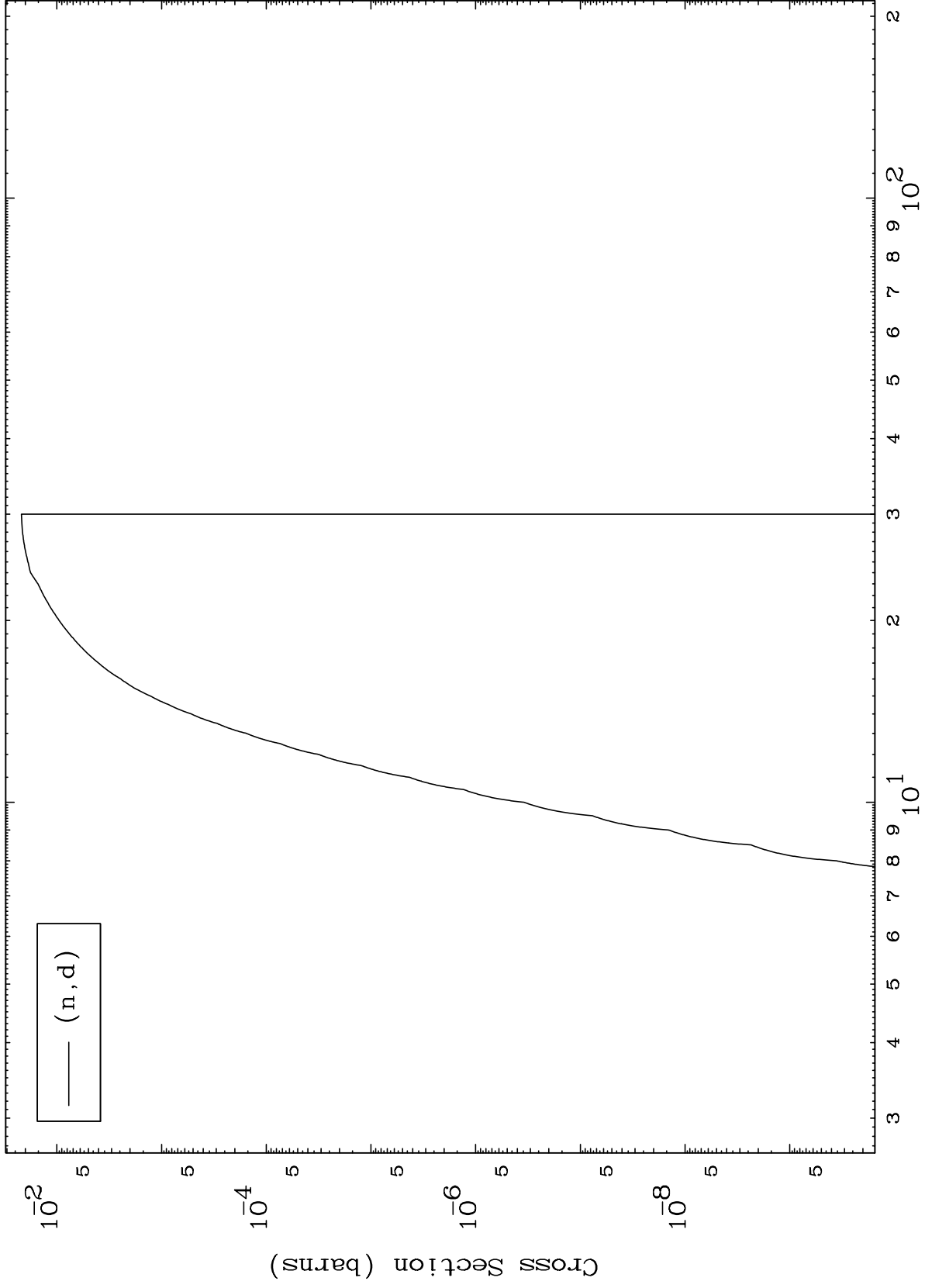
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-198



11

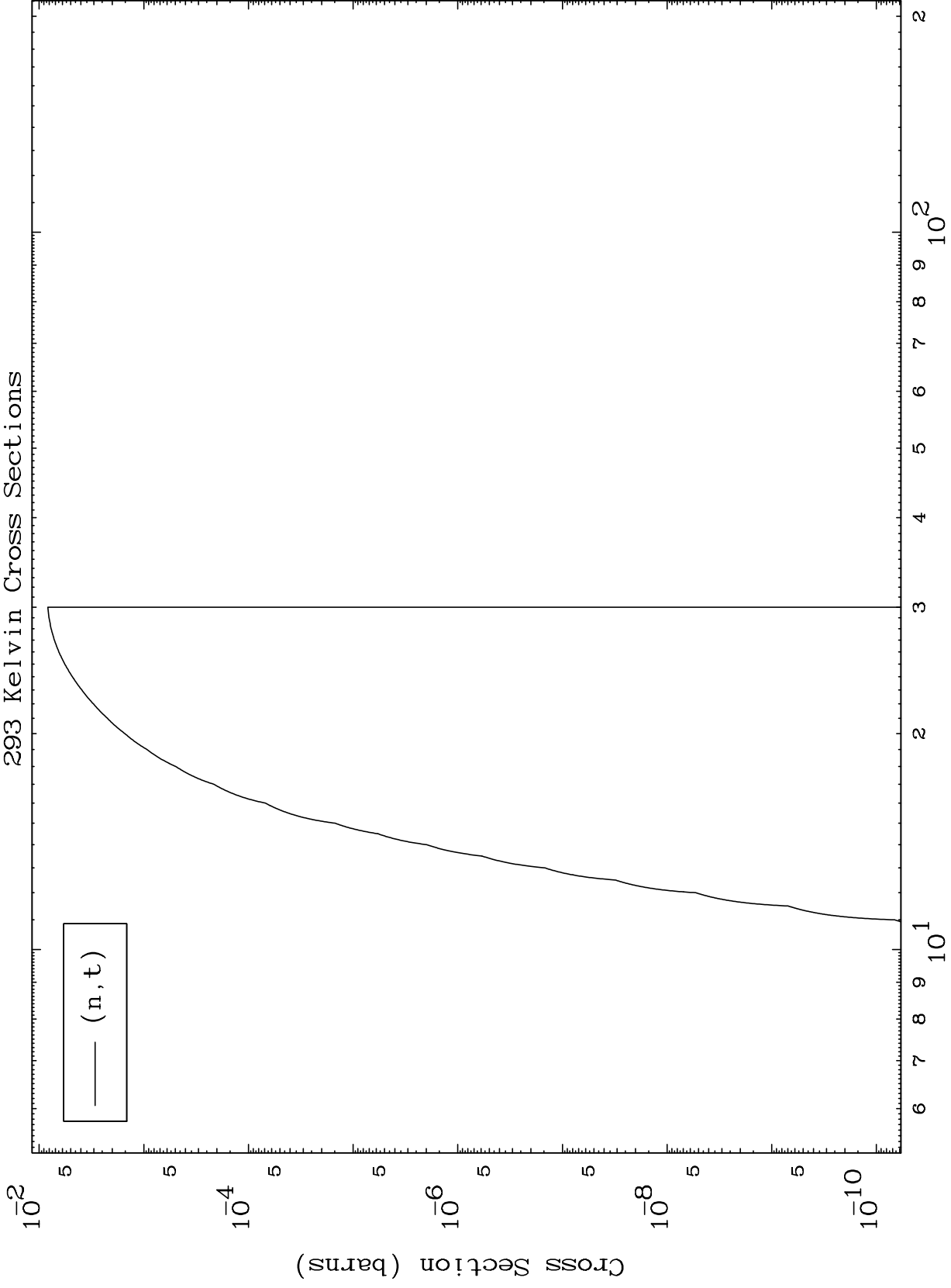
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n, t) Levels
293 Kelvin Cross Sections

82-Pb-198



12

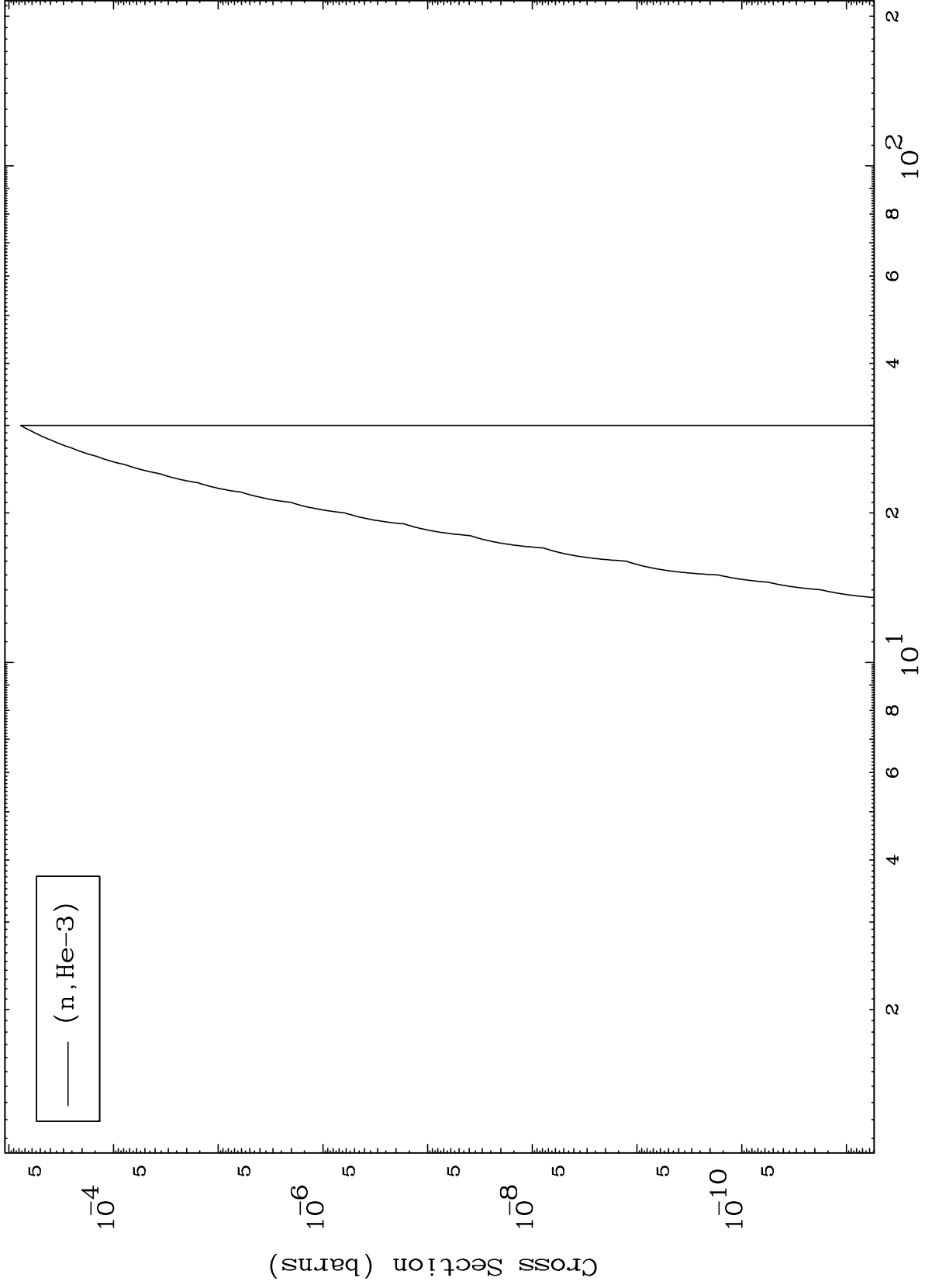
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,He3) Levels
293 Kelvin Cross Sections

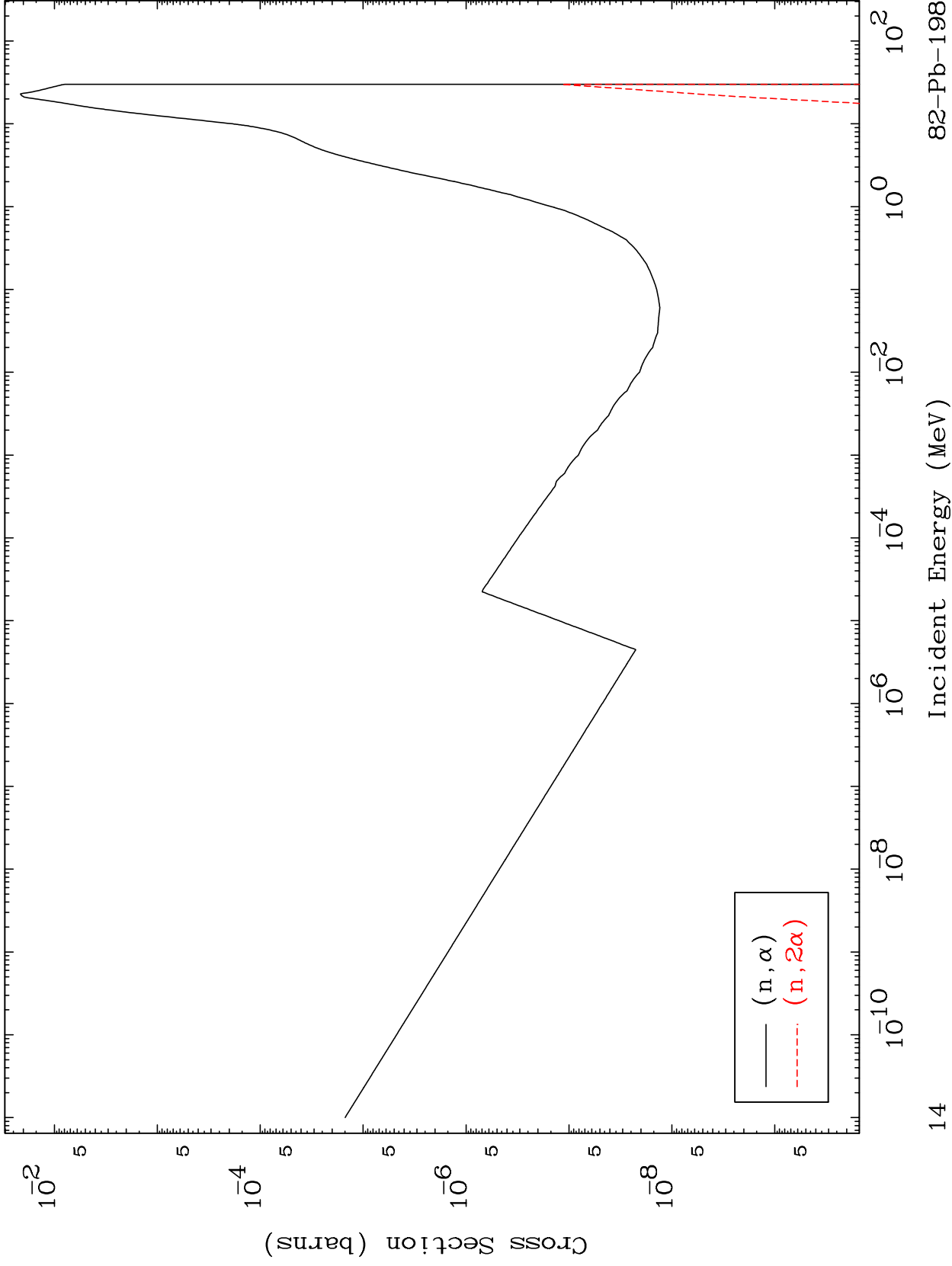
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MAT 8207

(n, α) Levels
293 Kelvin Cross Sections

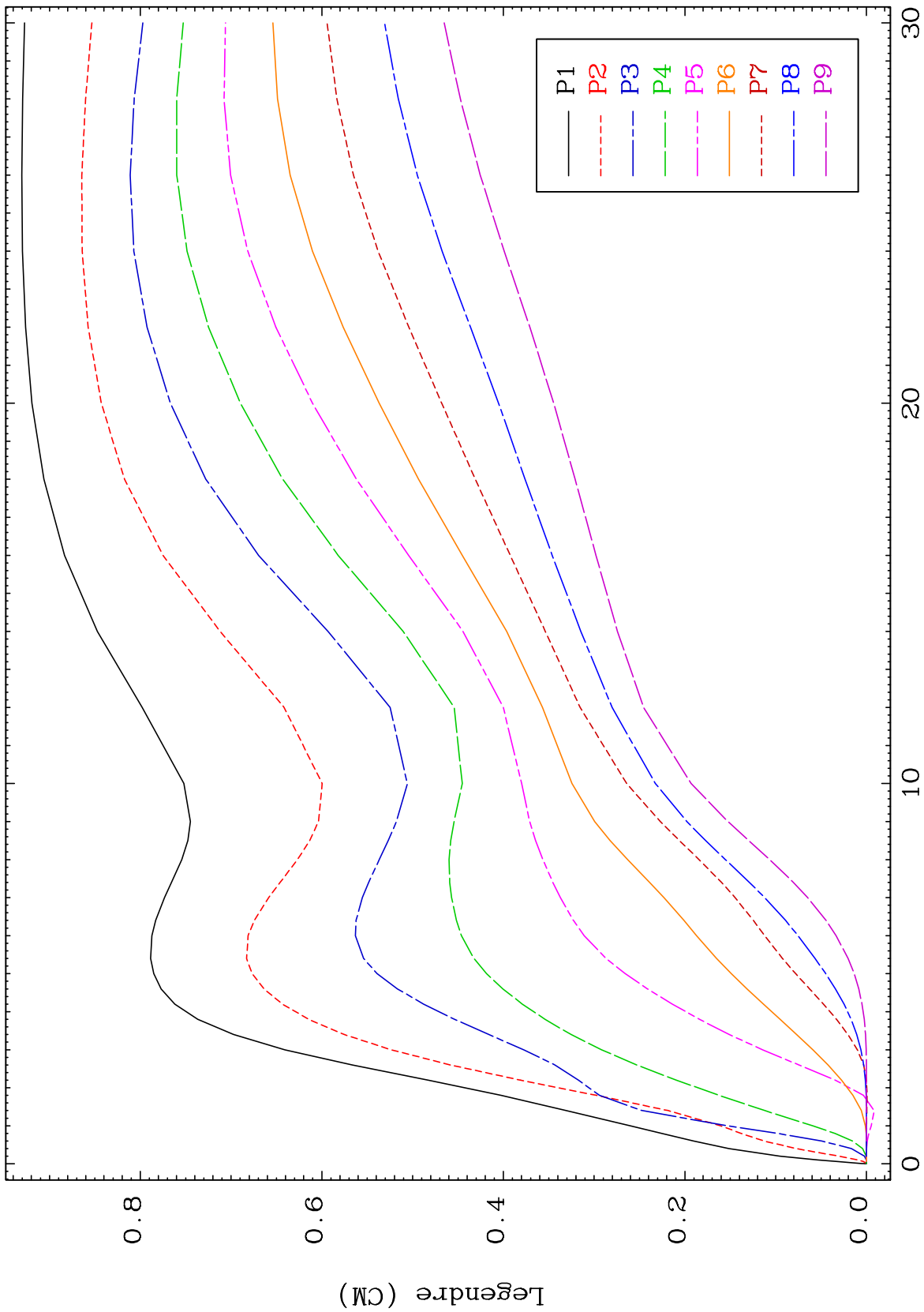
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MAT 8207

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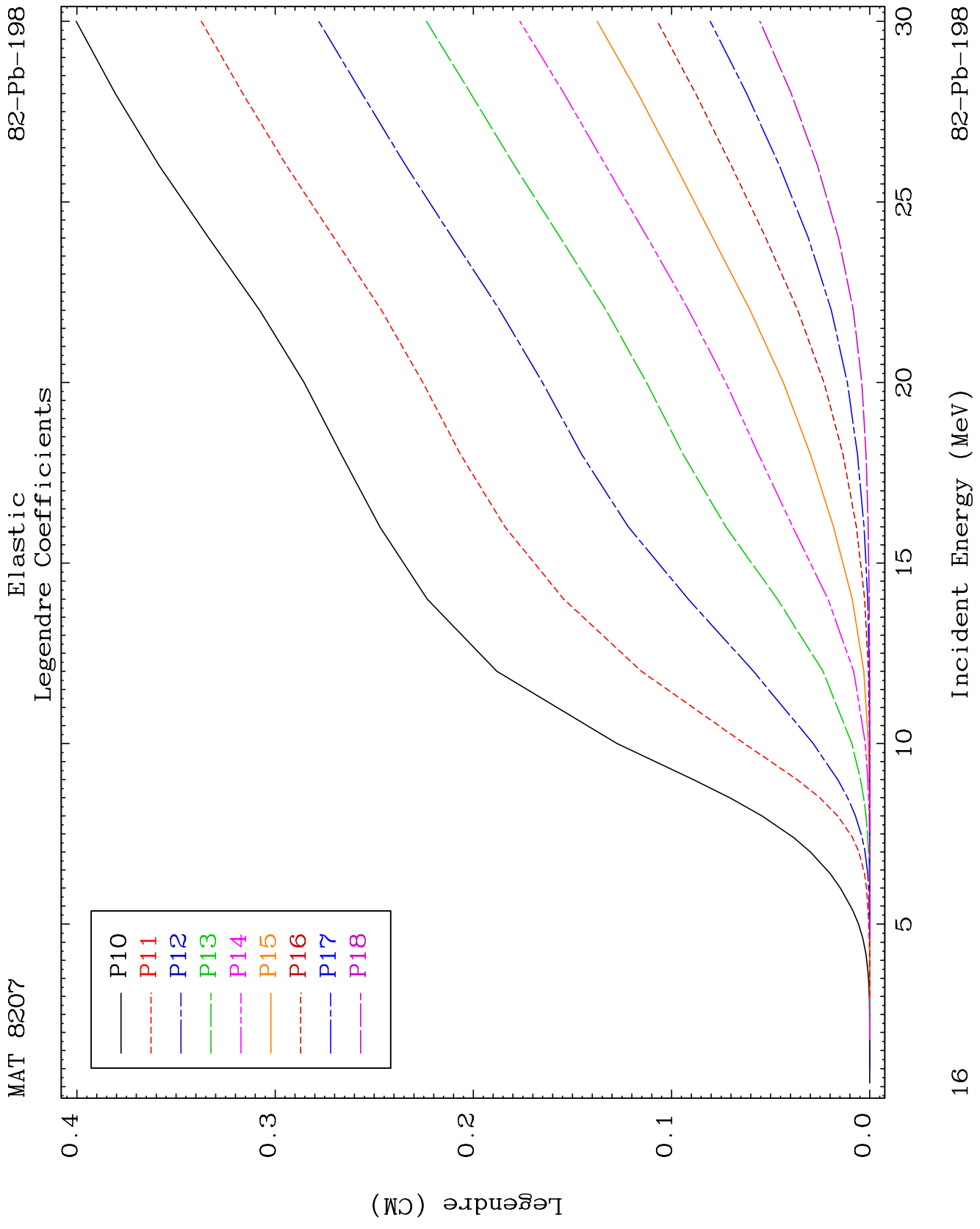
Elastic Legendre Coefficients



82-Pb-198

Incident Energy (MeV)

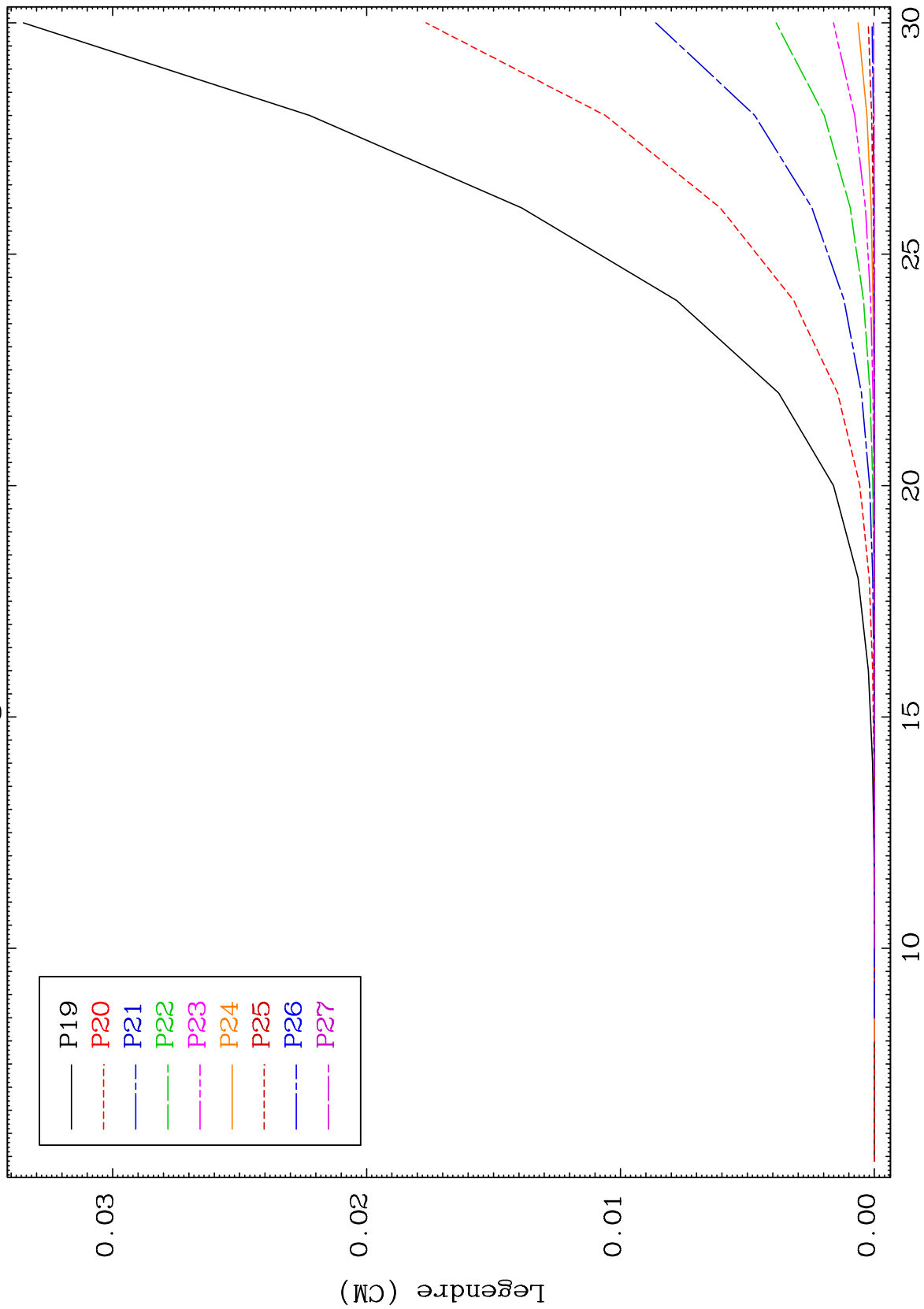
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MAT 8207

Elastic Legendre Coefficients

82-Pb-198



17

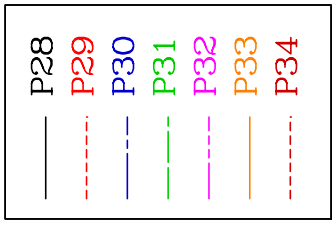
Incident Energy (MeV)

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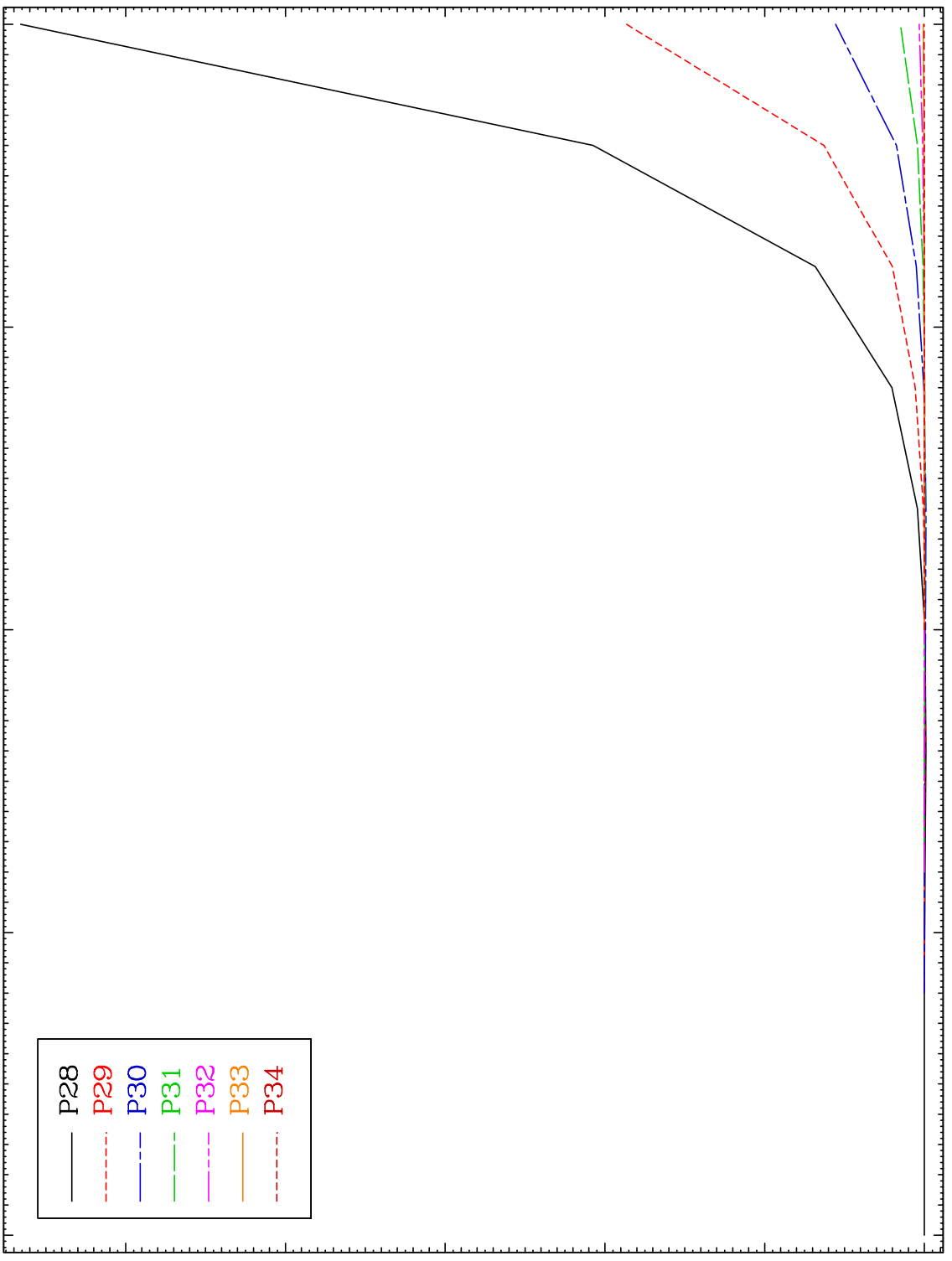
MAT 8207

Elastic Legendre Coefficients

82-Pb-198



$\times 10^{-5}$
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0.8
0.6
0.4
0.2
0.0



30

25

20

15

10

Incident Energy (MeV)

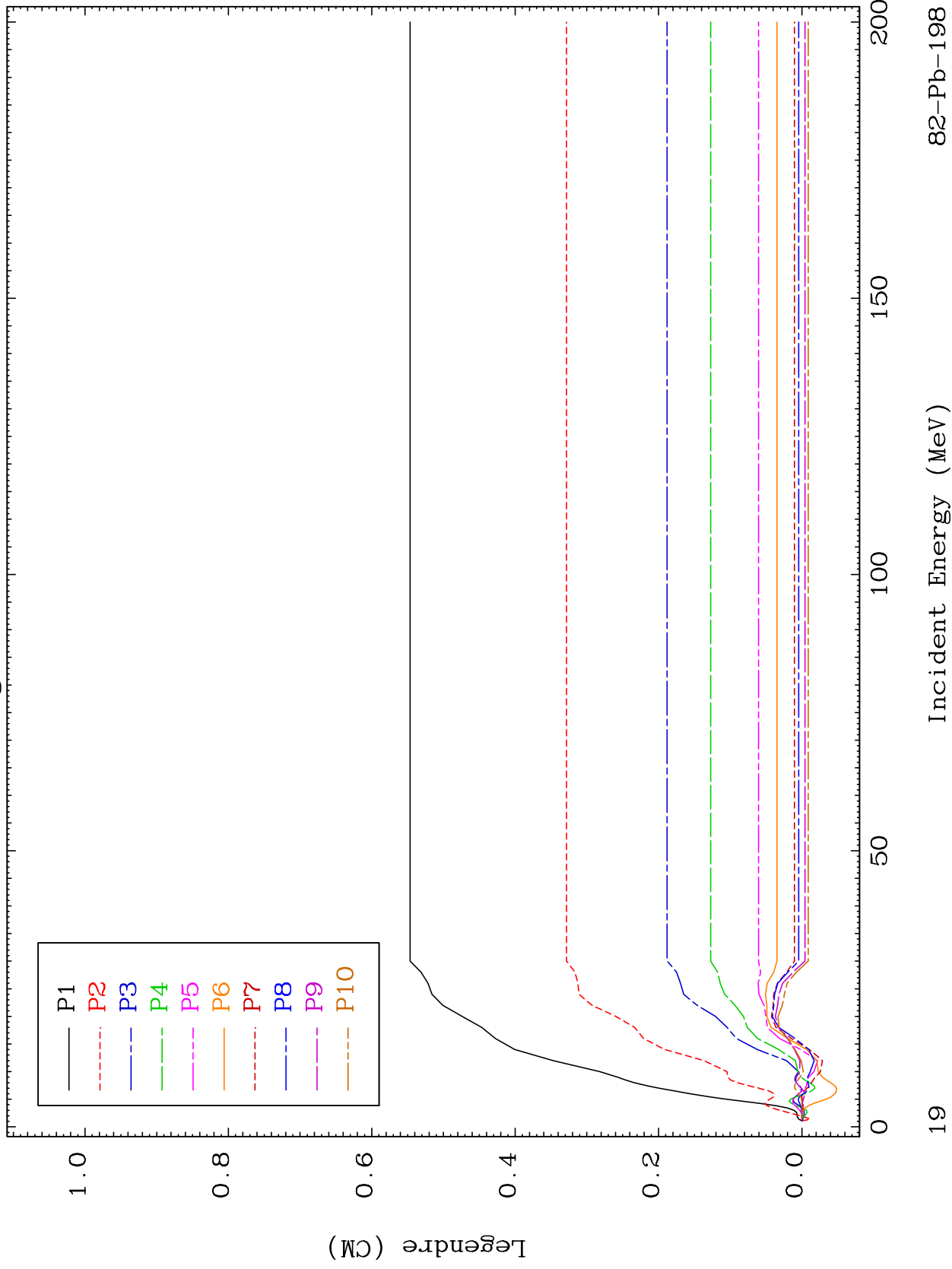
82-Pb-198

18

MAT 8207

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

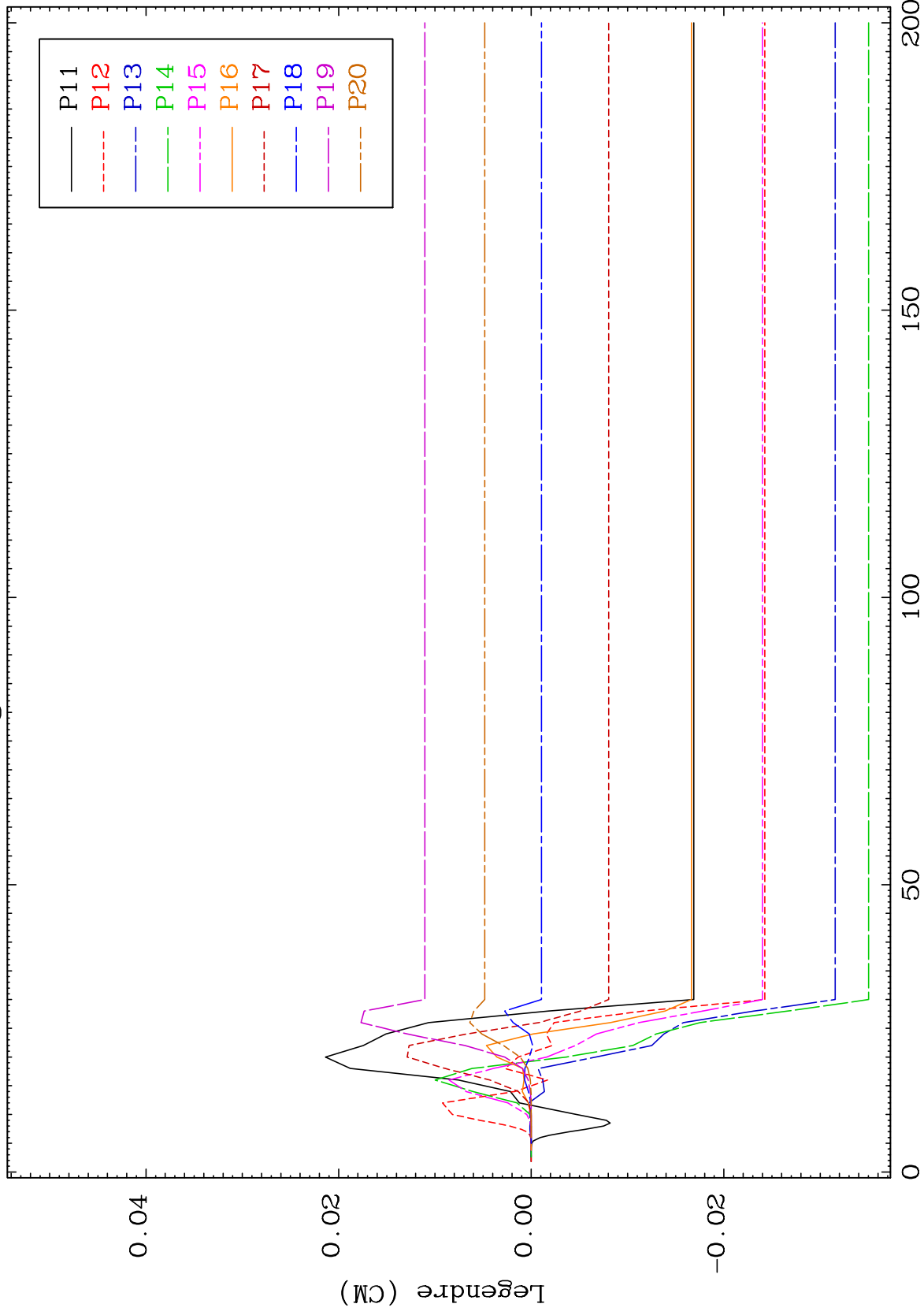
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MAT 8207

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

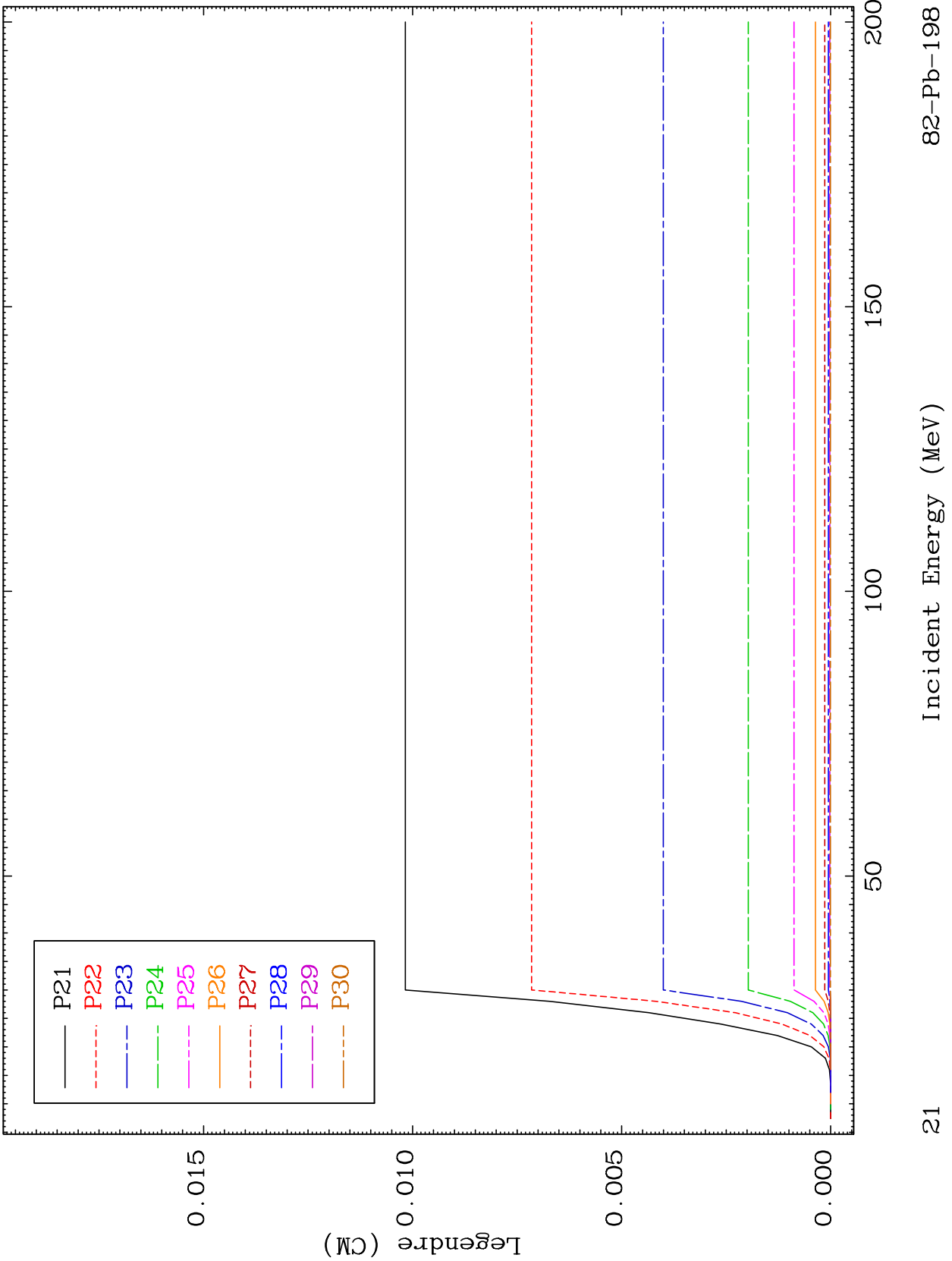
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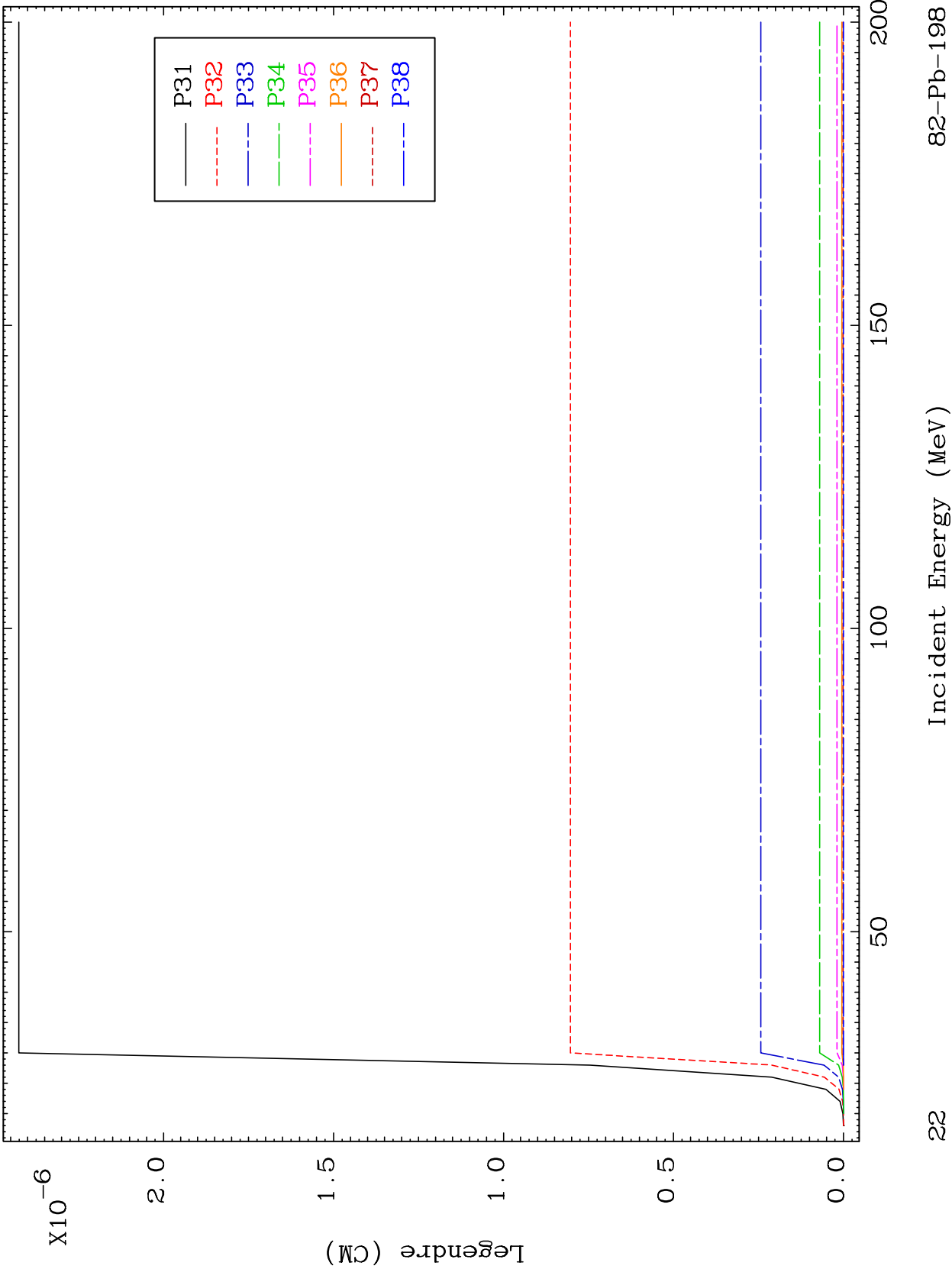


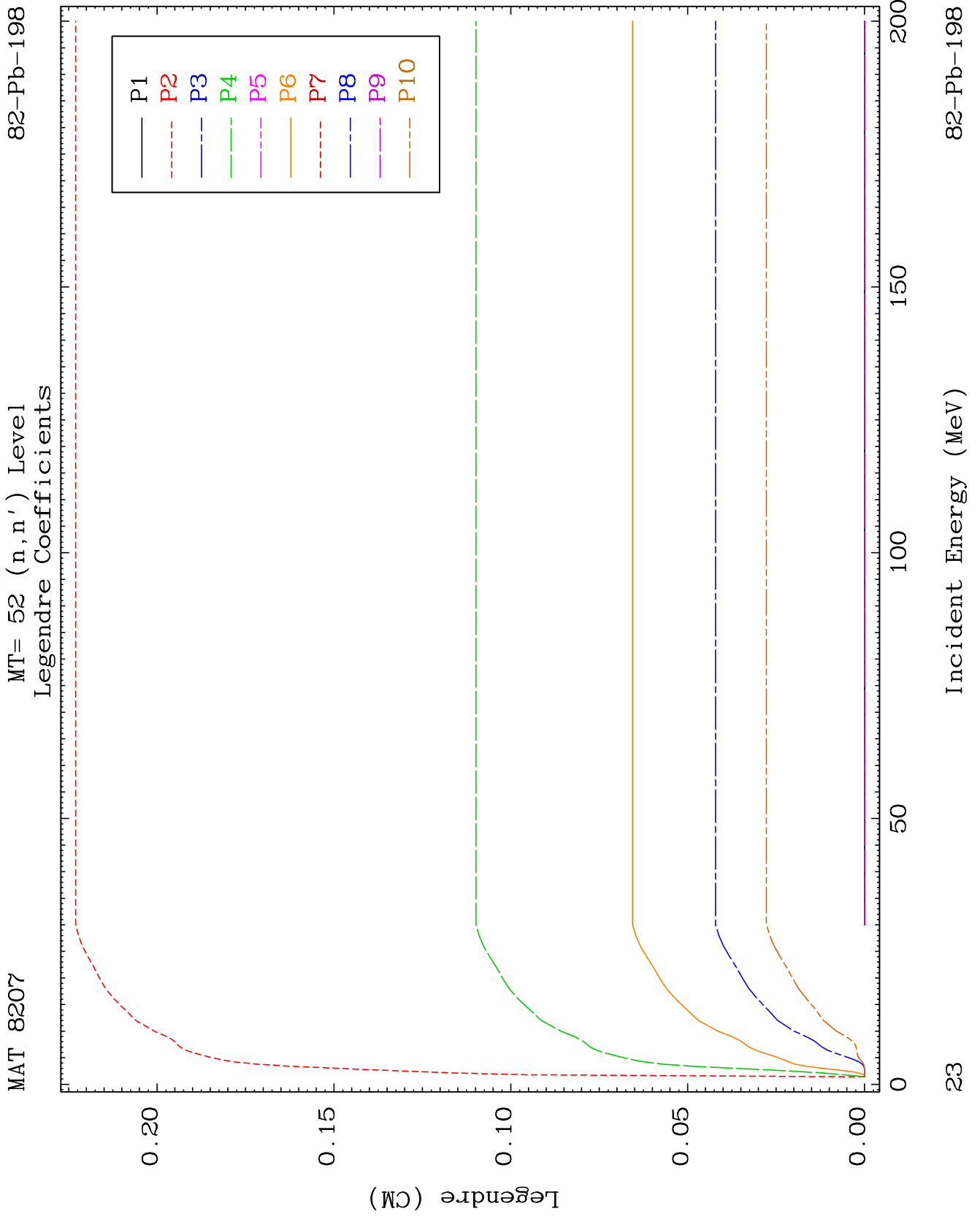
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Incident Energy (MeV)

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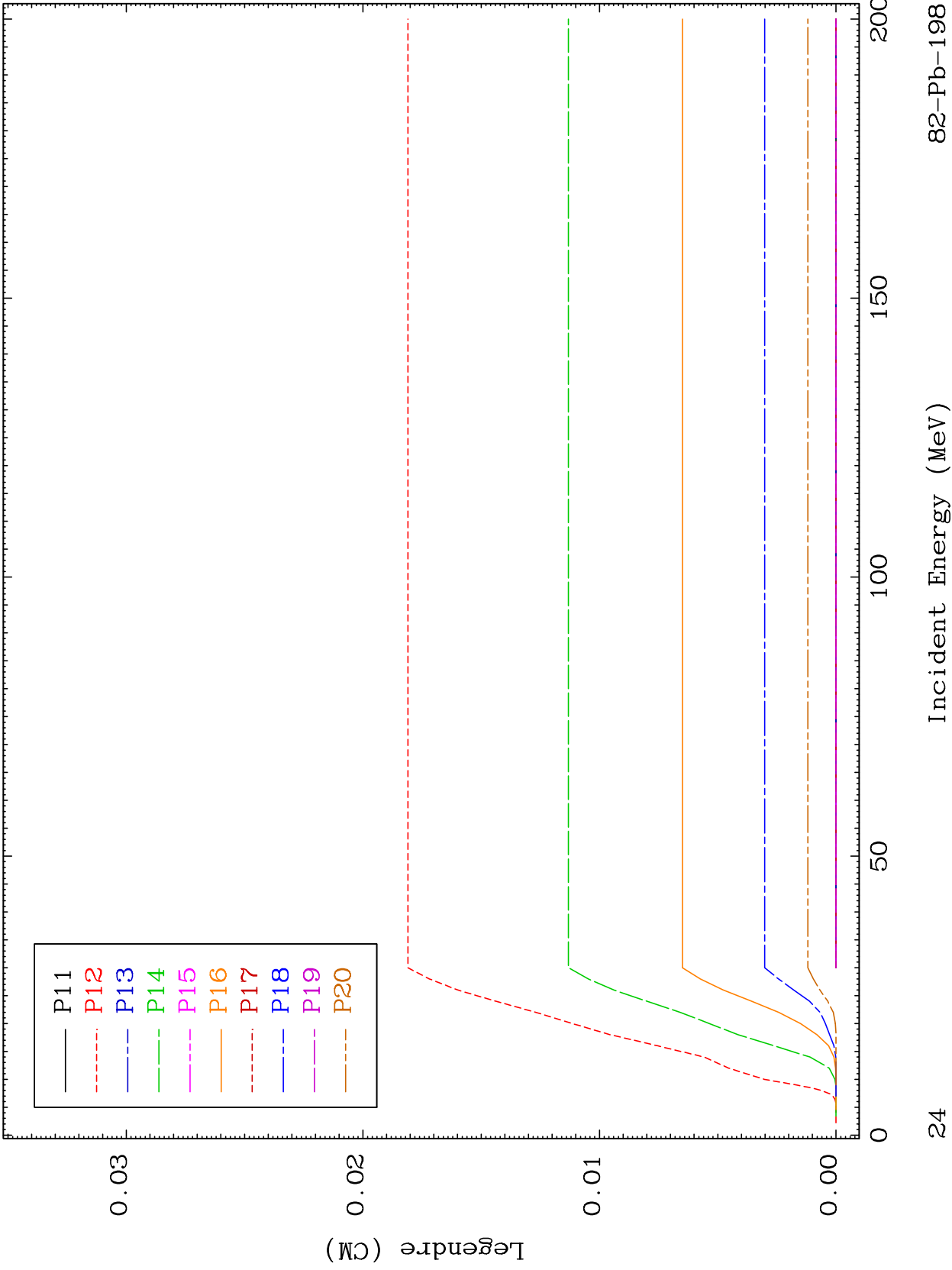




MAT 8207

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

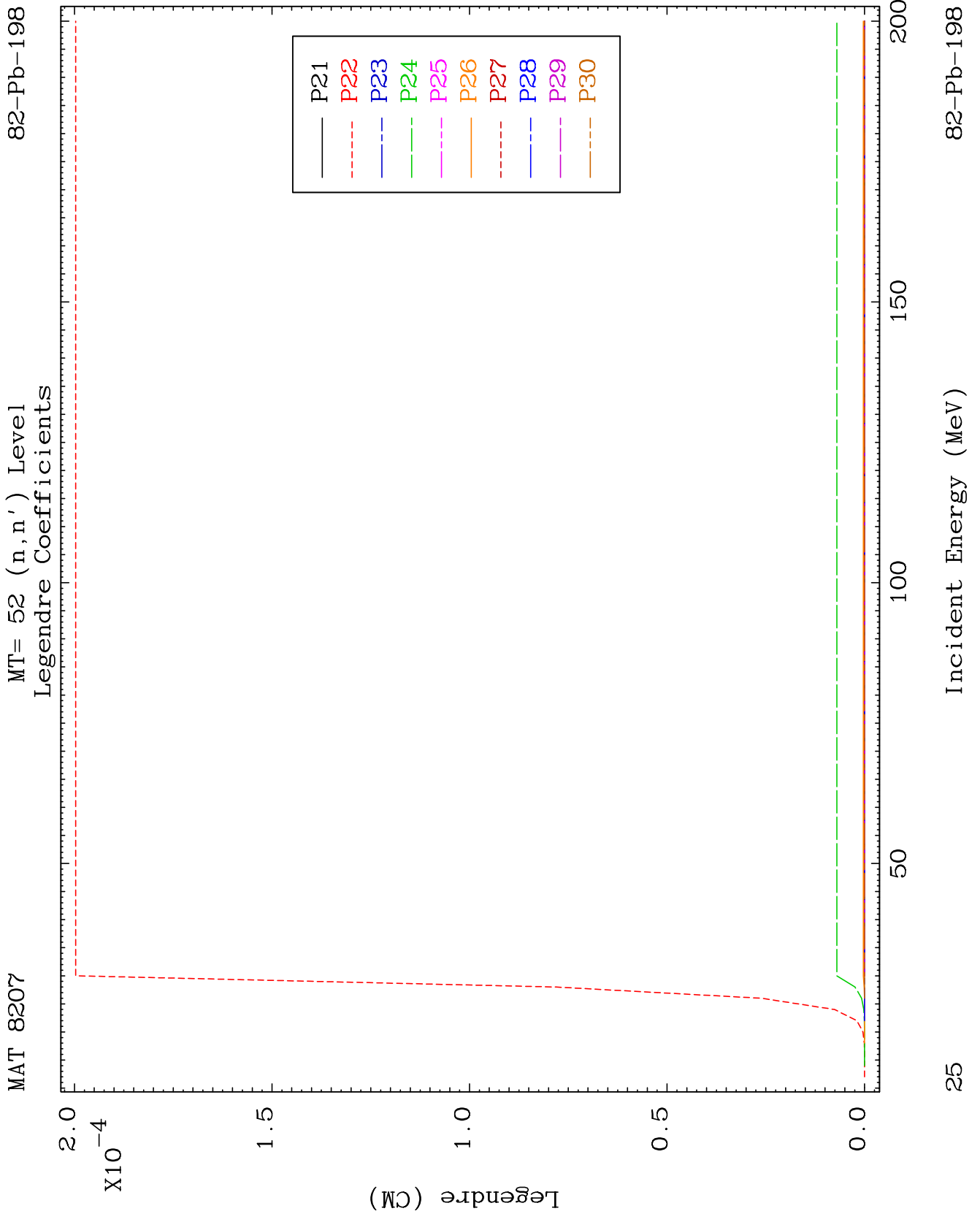
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24

Incident Energy (MeV)

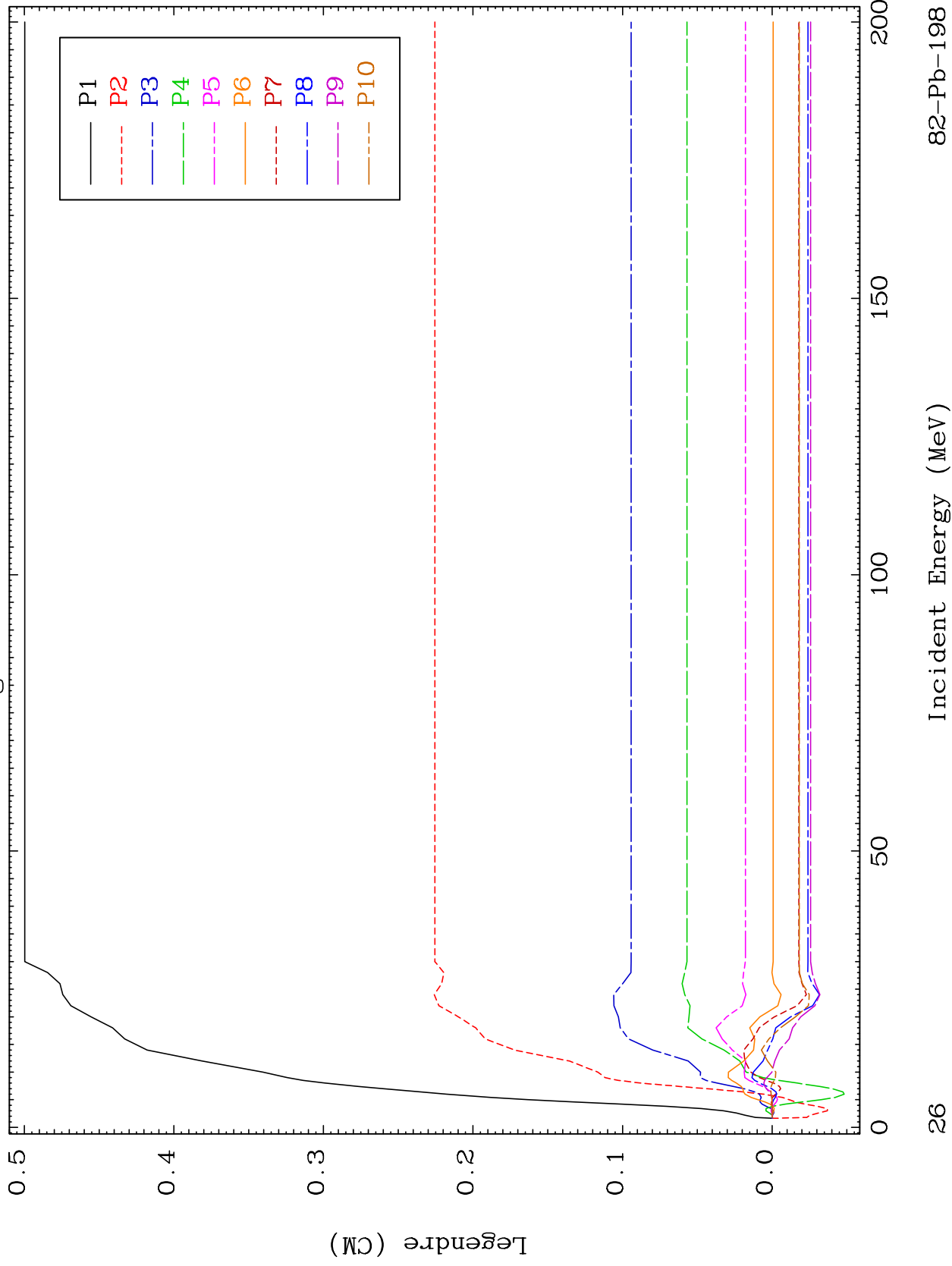
82-Pb-198



MAT 8207

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

82-Pb-198

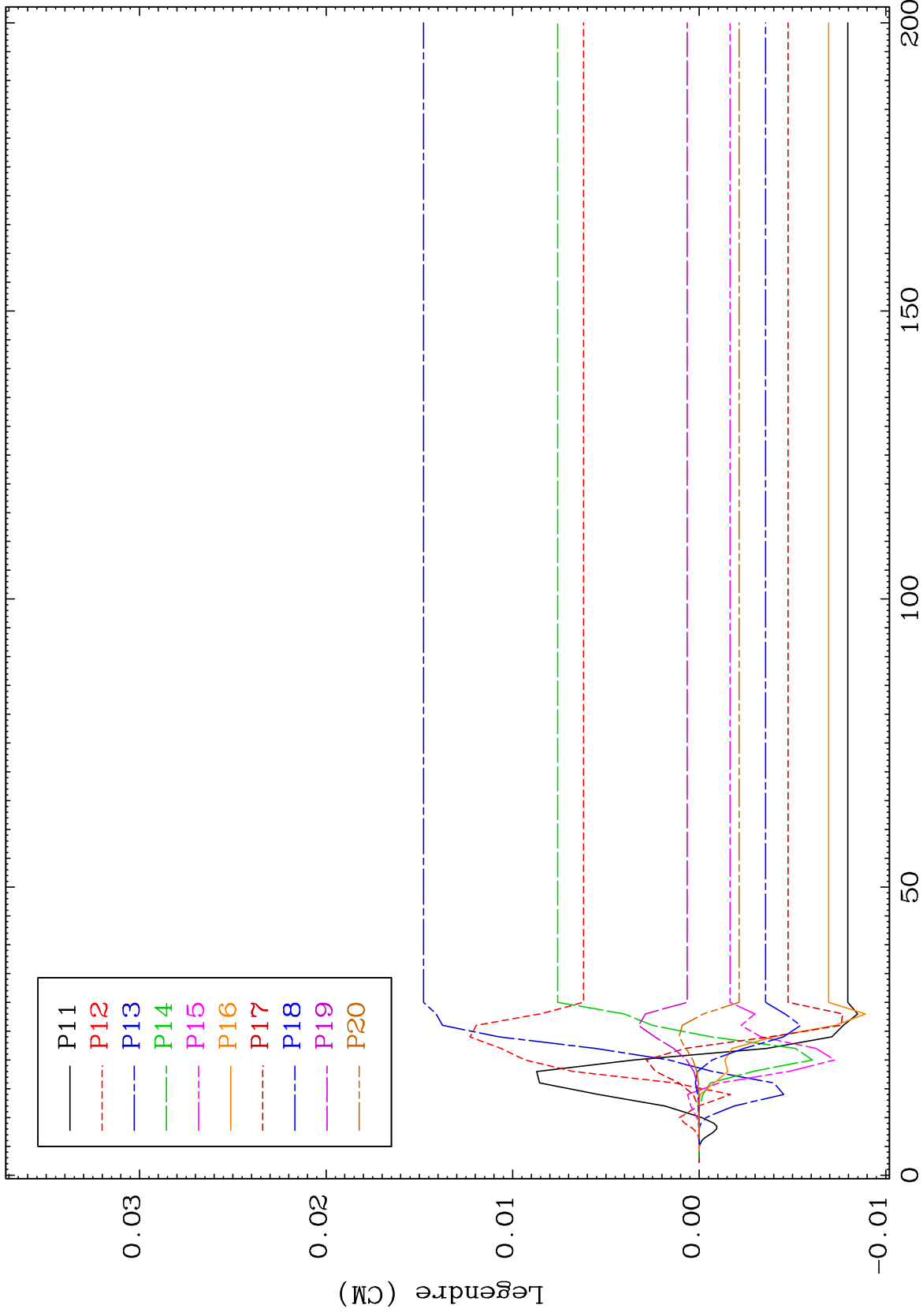


26

MAT 8207

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

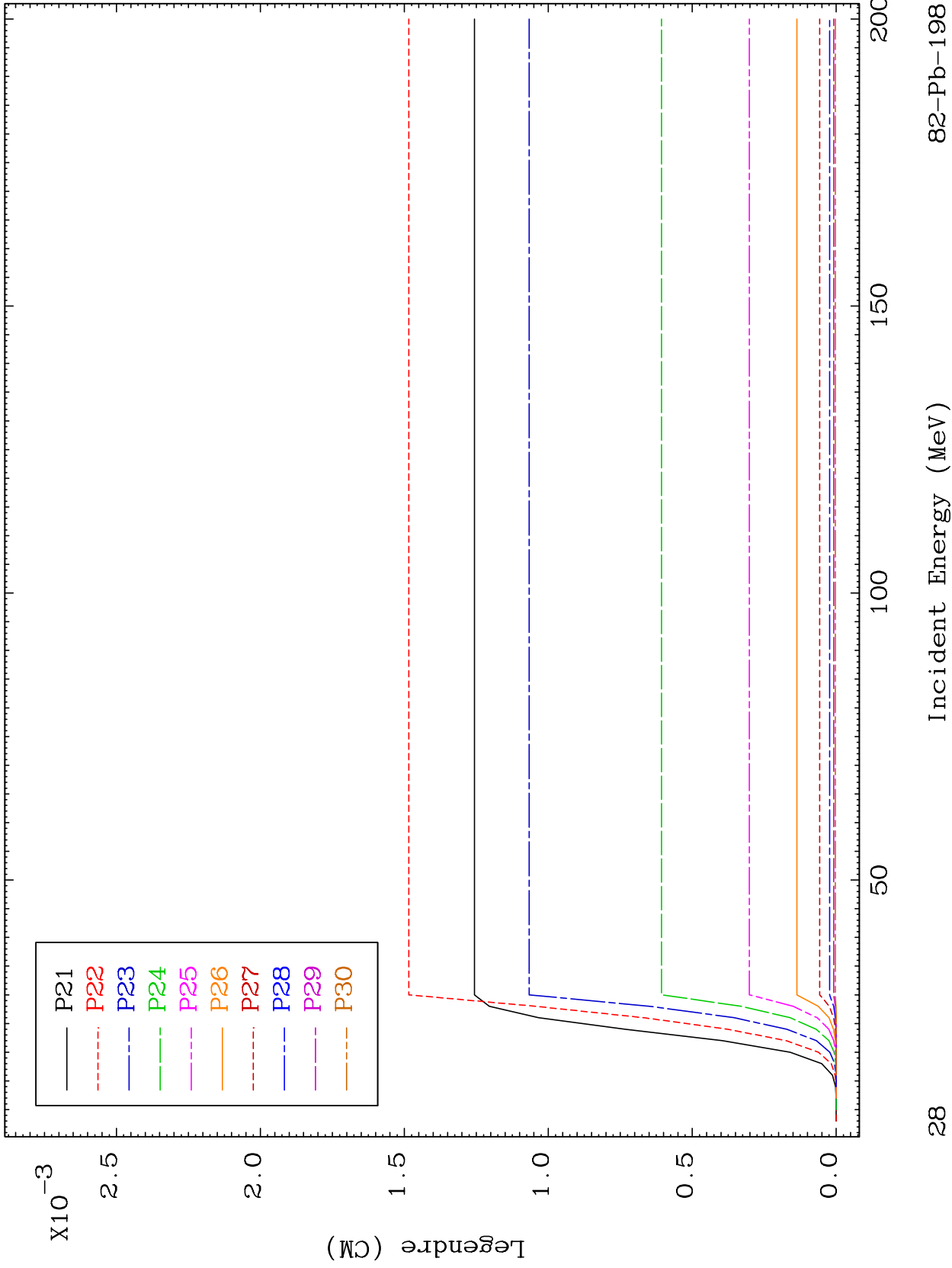
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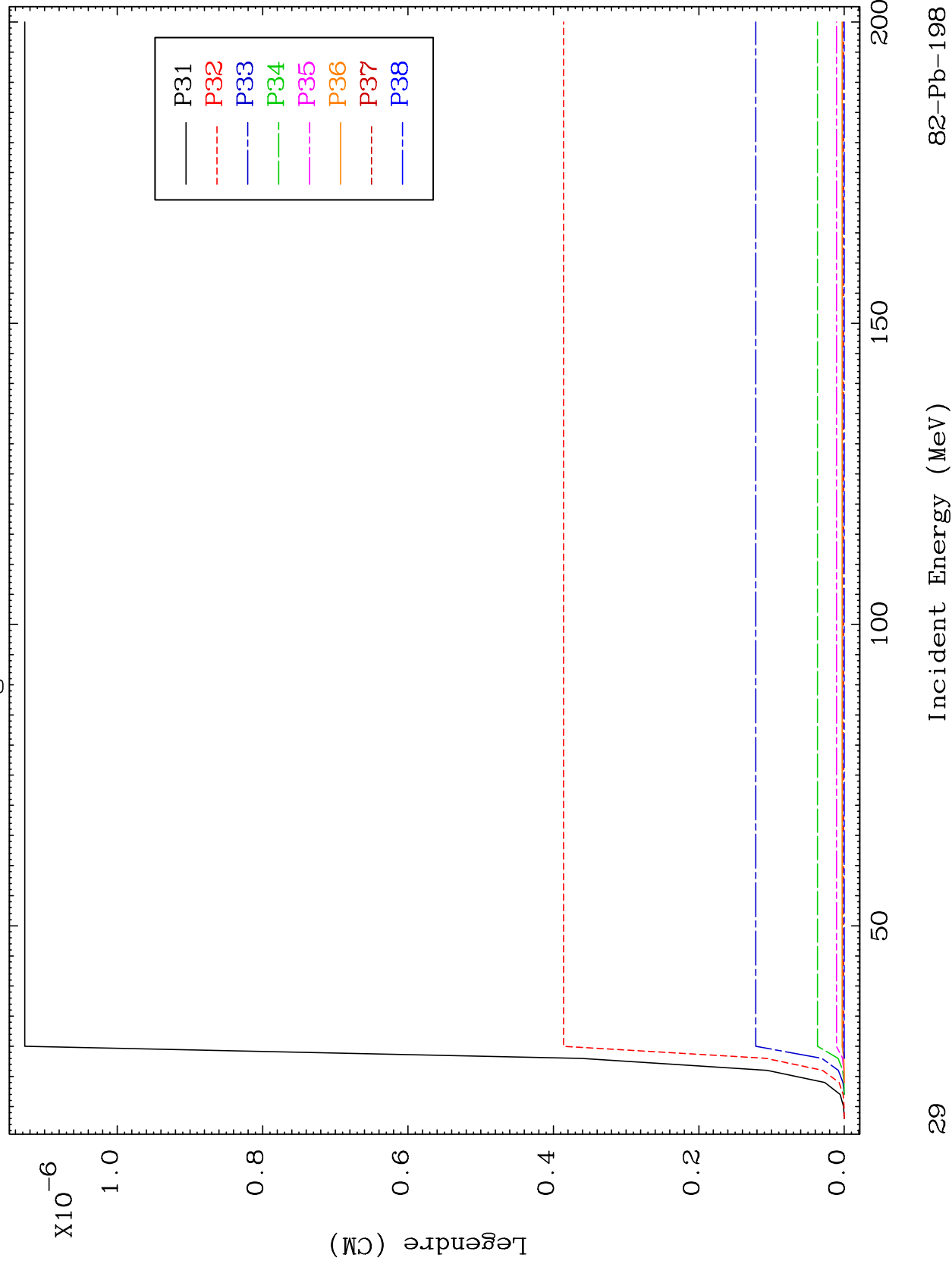


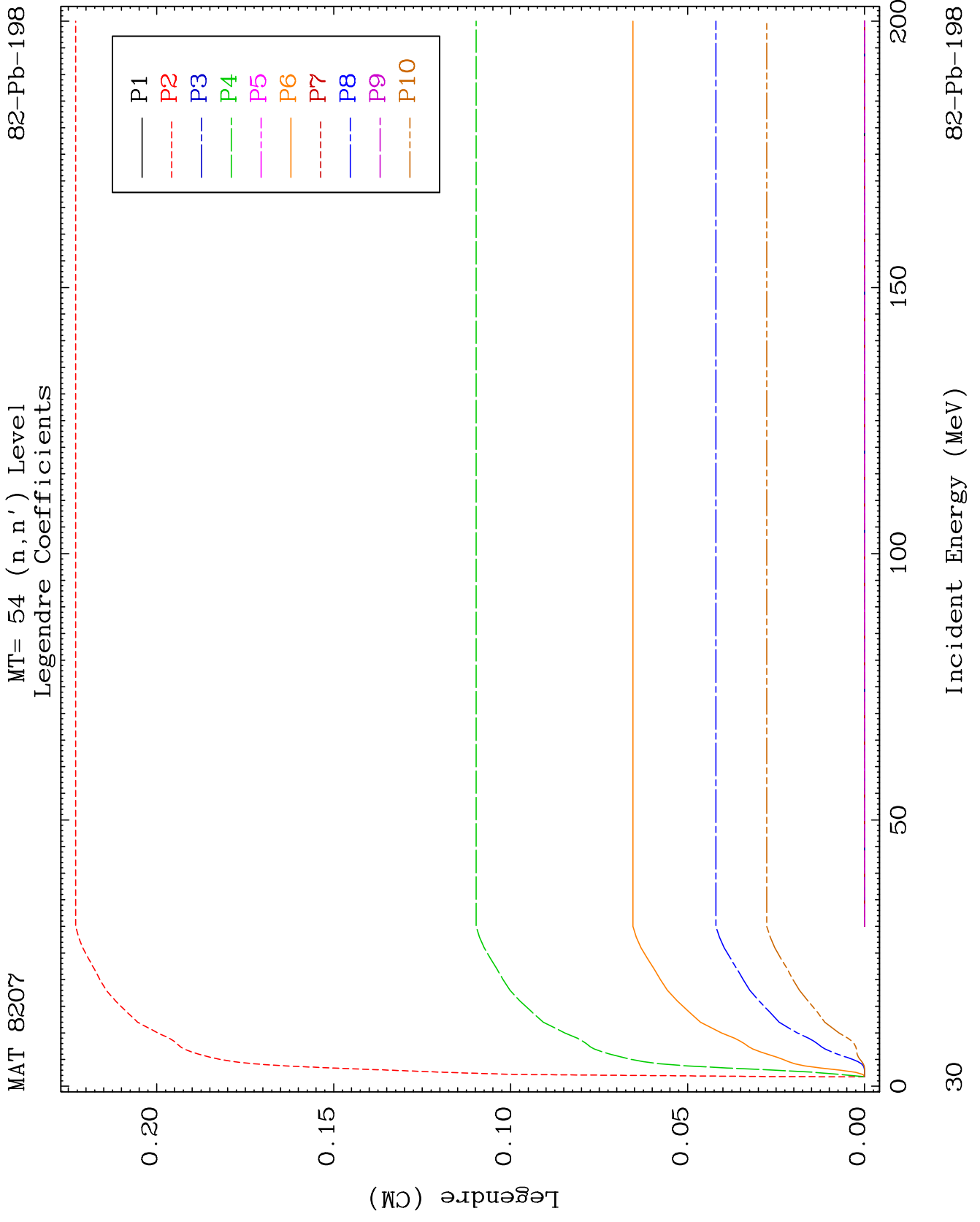
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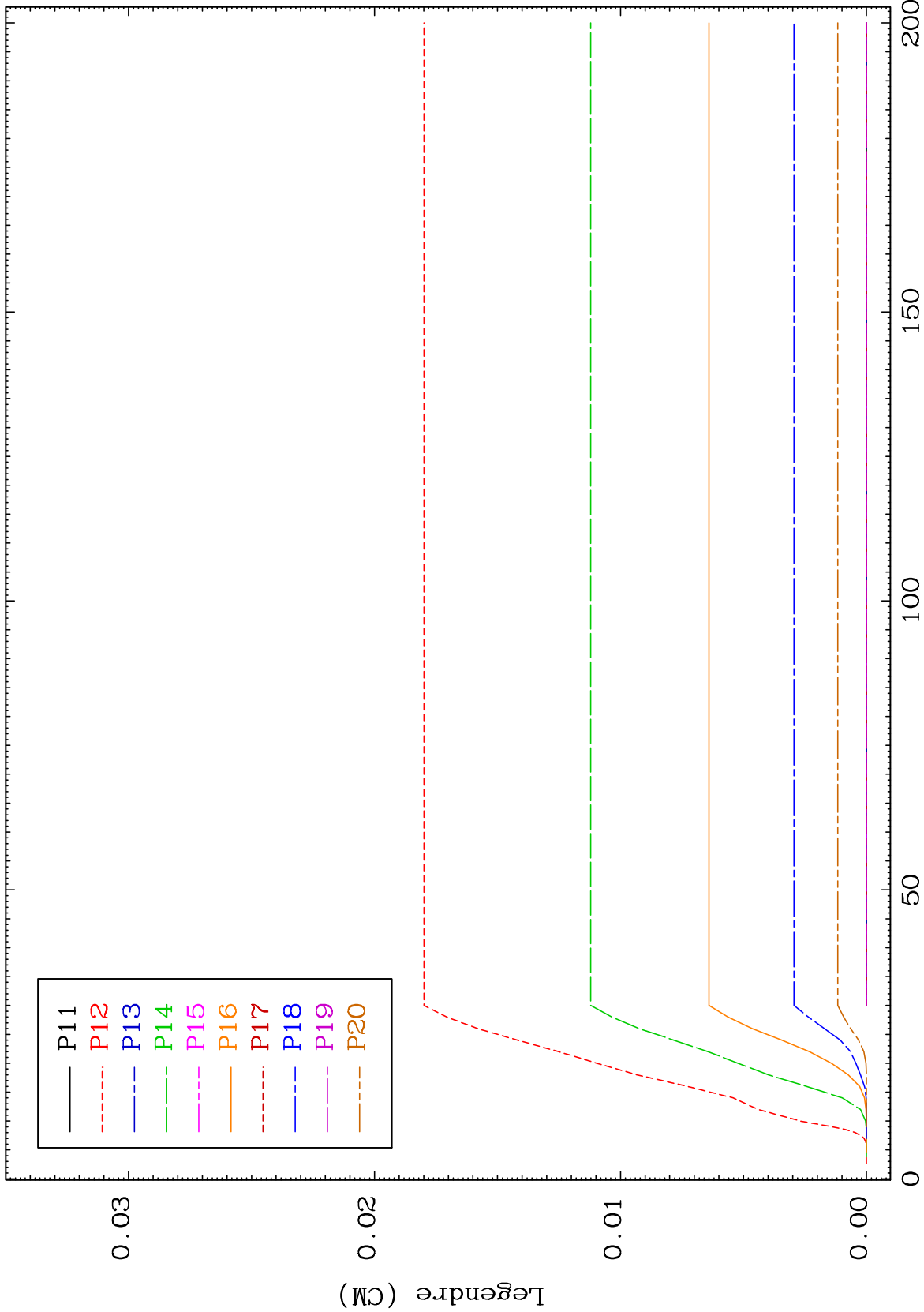
Incident Energy (MeV)

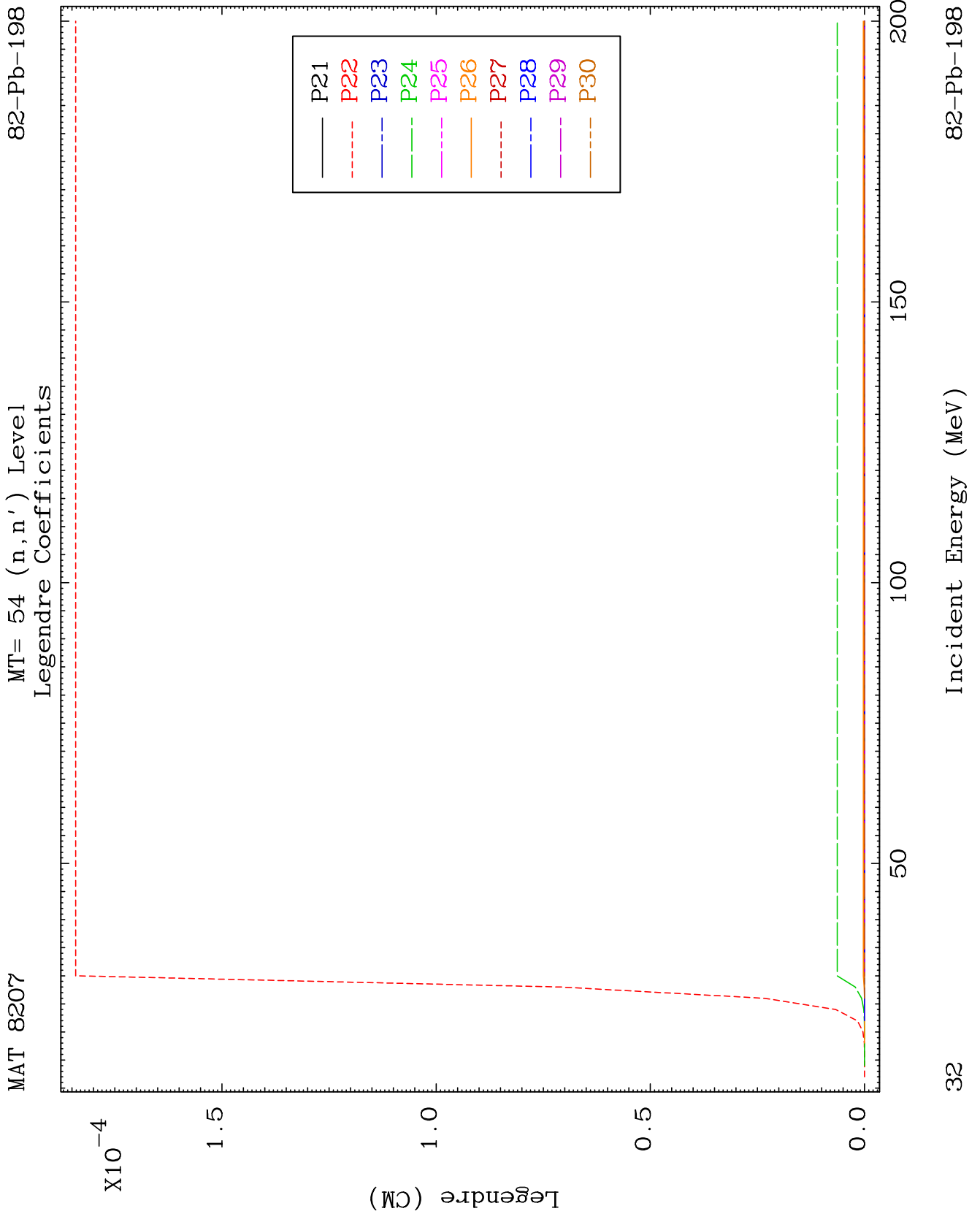
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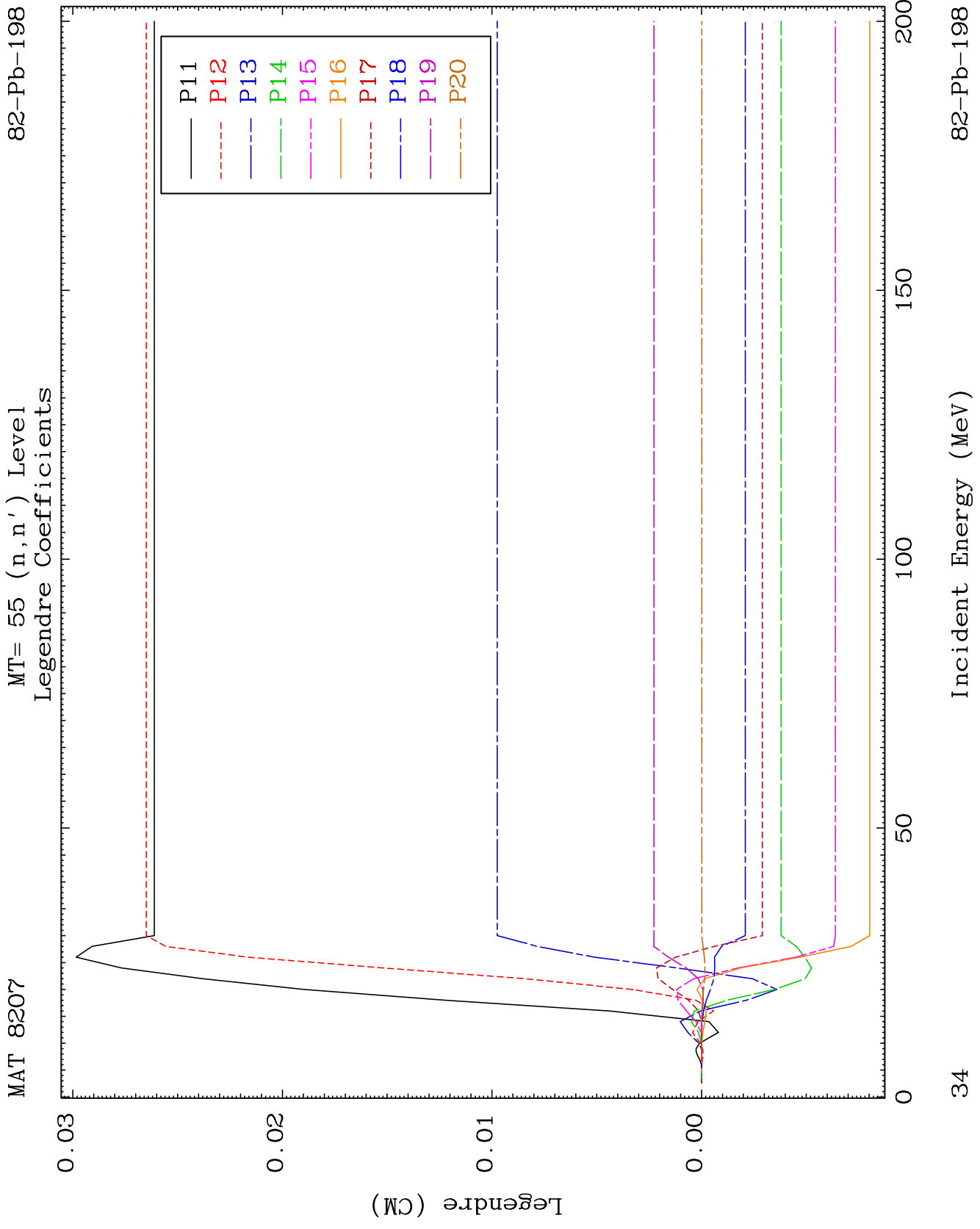








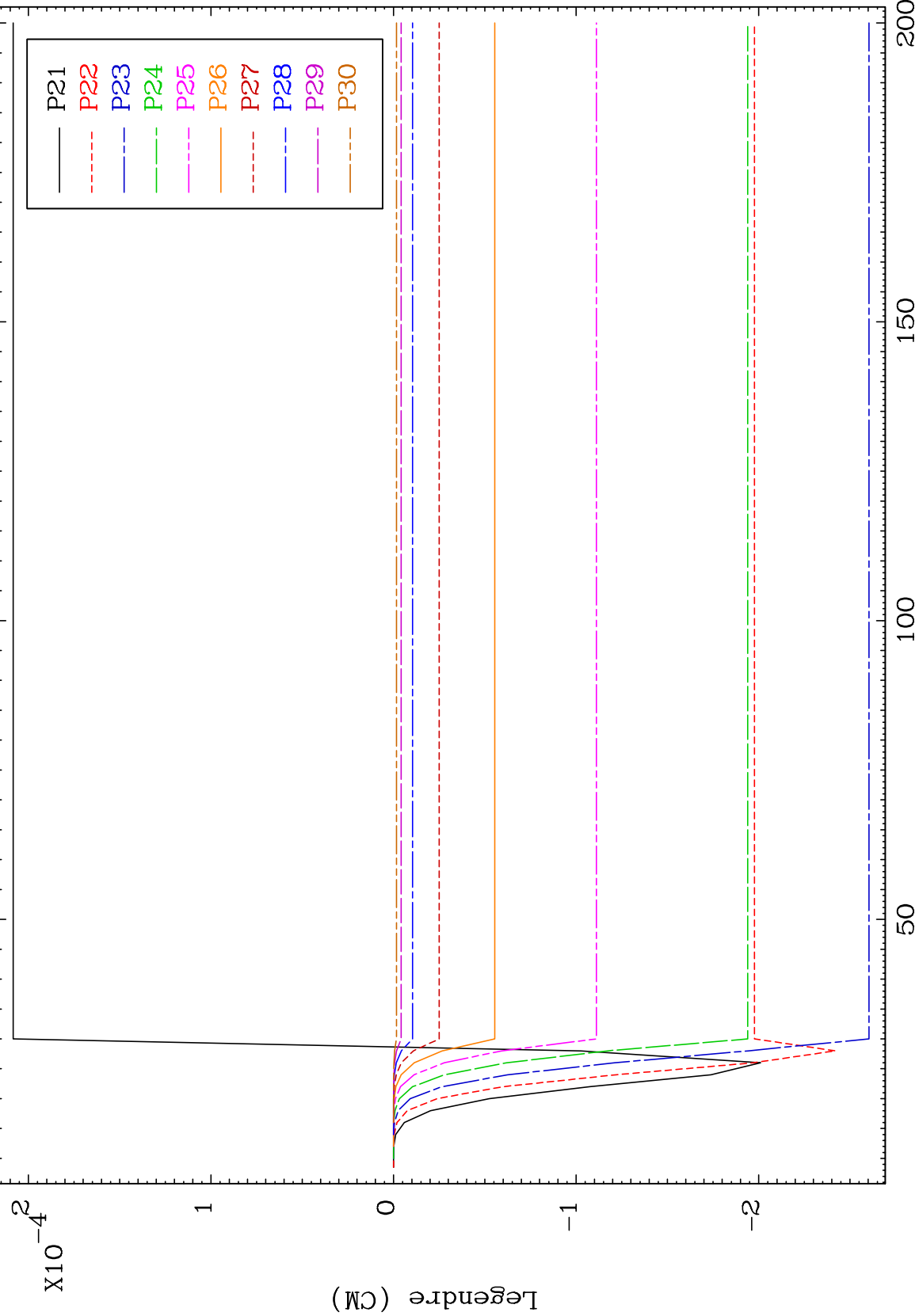




MAT 8207

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

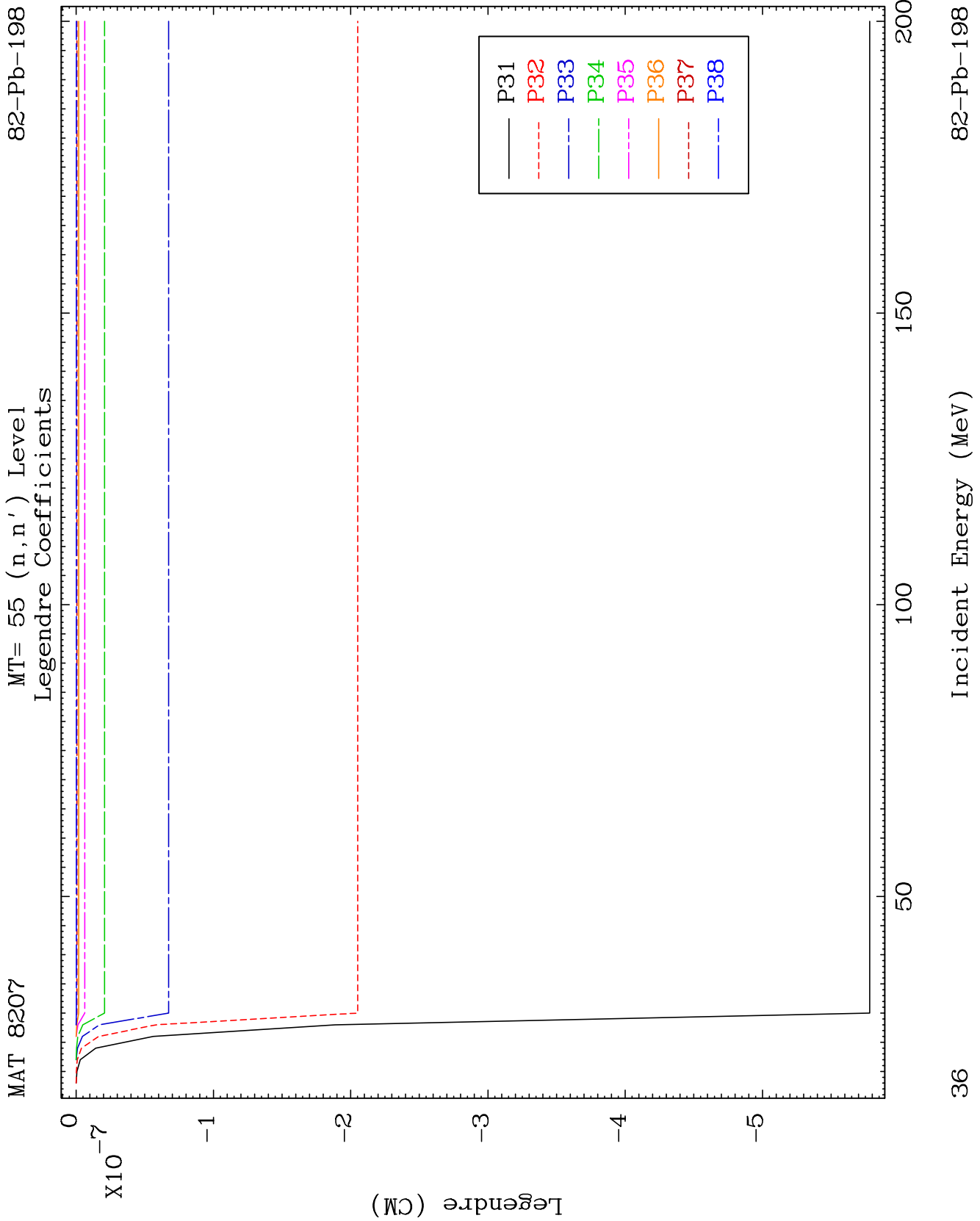
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35

Incident Energy (MeV)

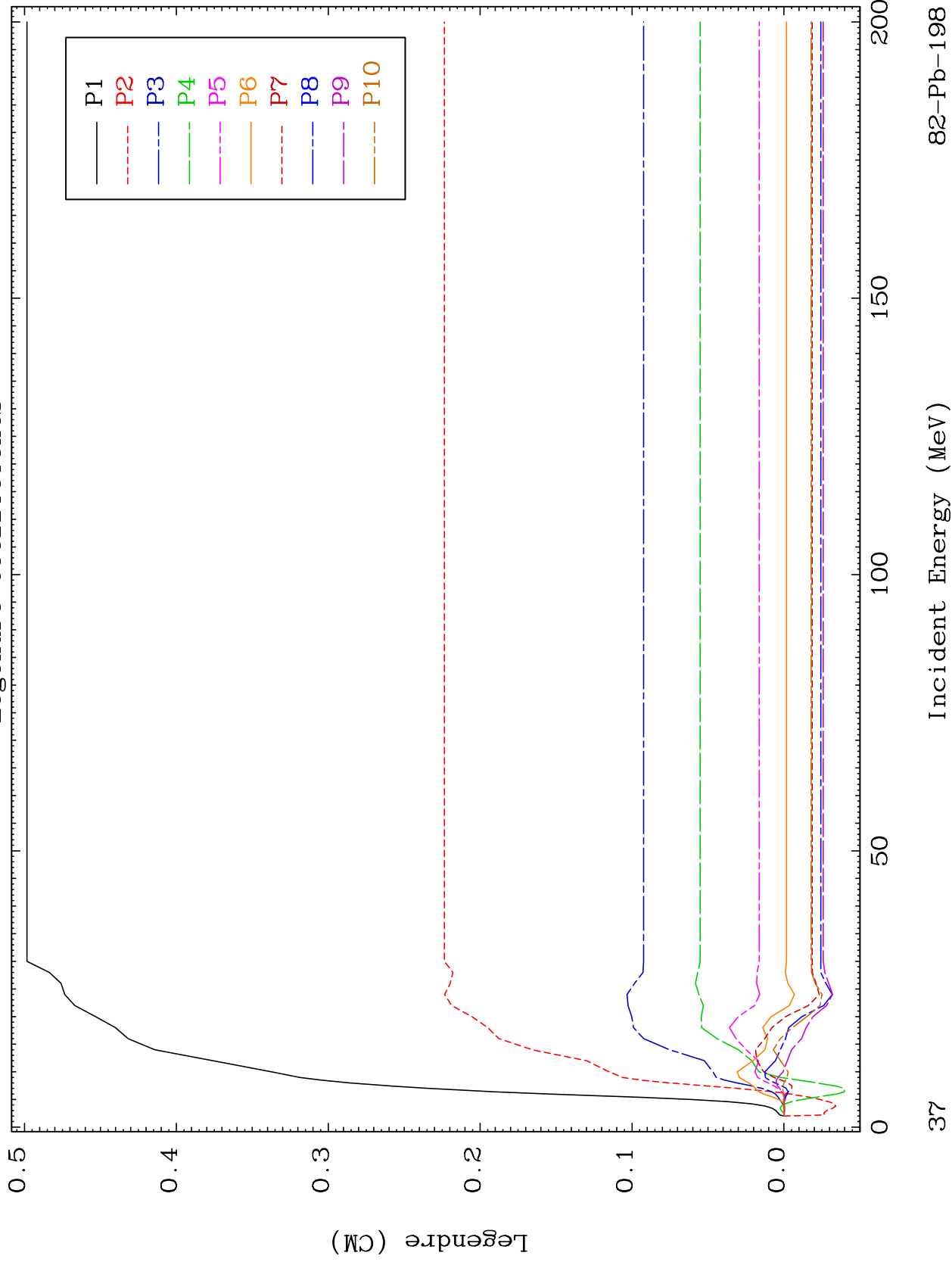
82-Pb-198



MAT 8207

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

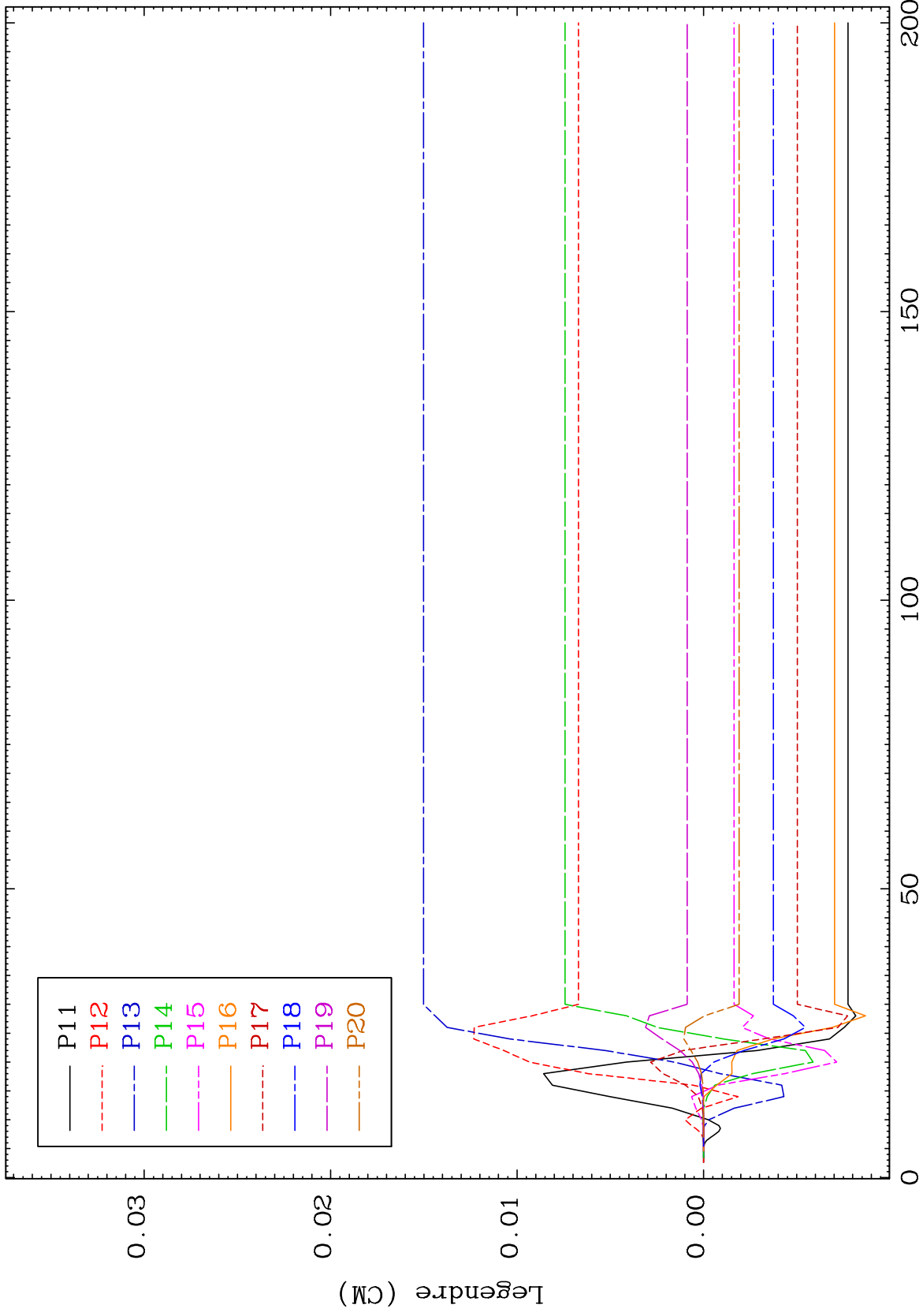
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MAT 8207

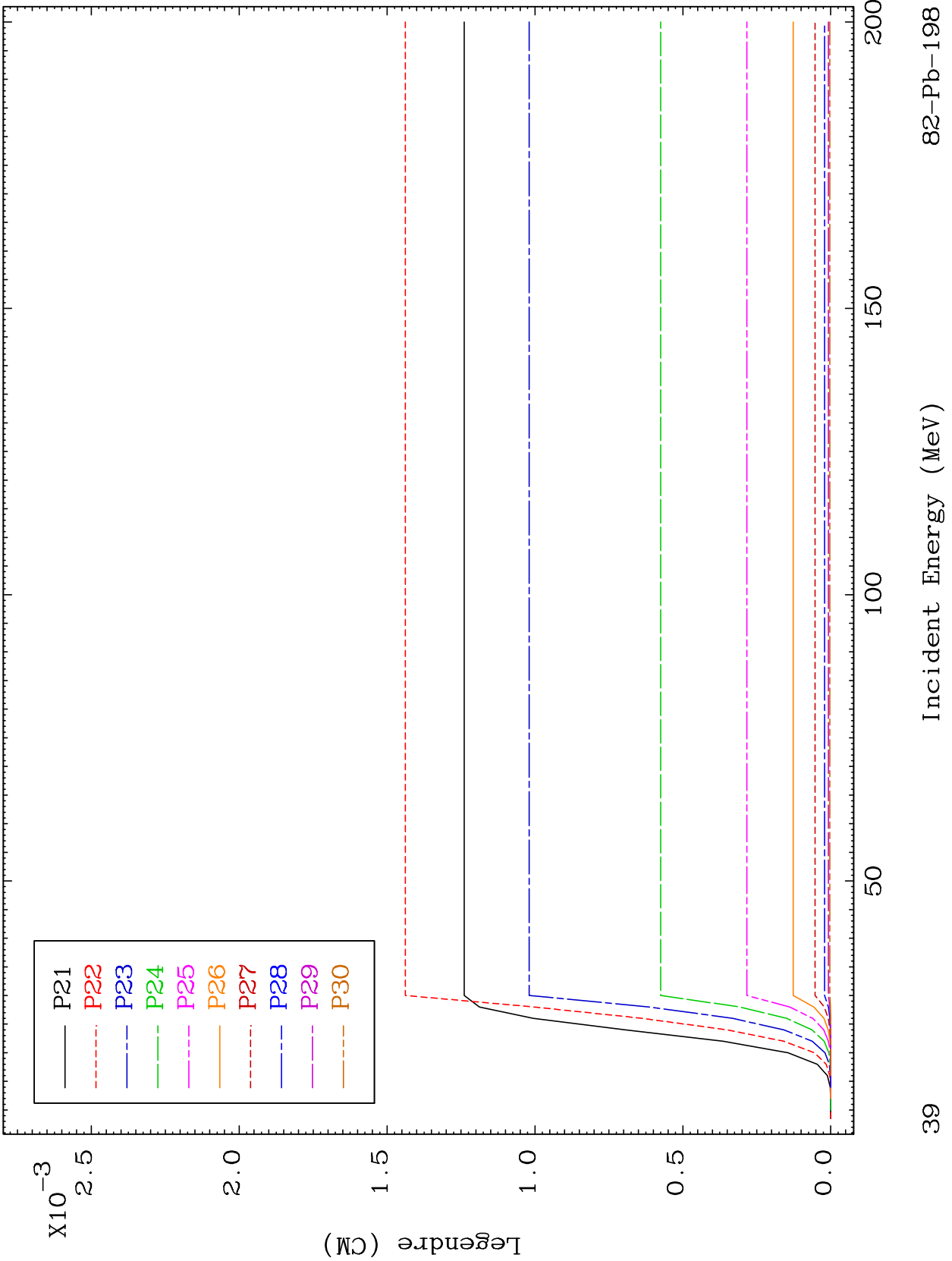
MT= 56 (n,n') Level
Legendre Coefficients

82-Pb-198



38

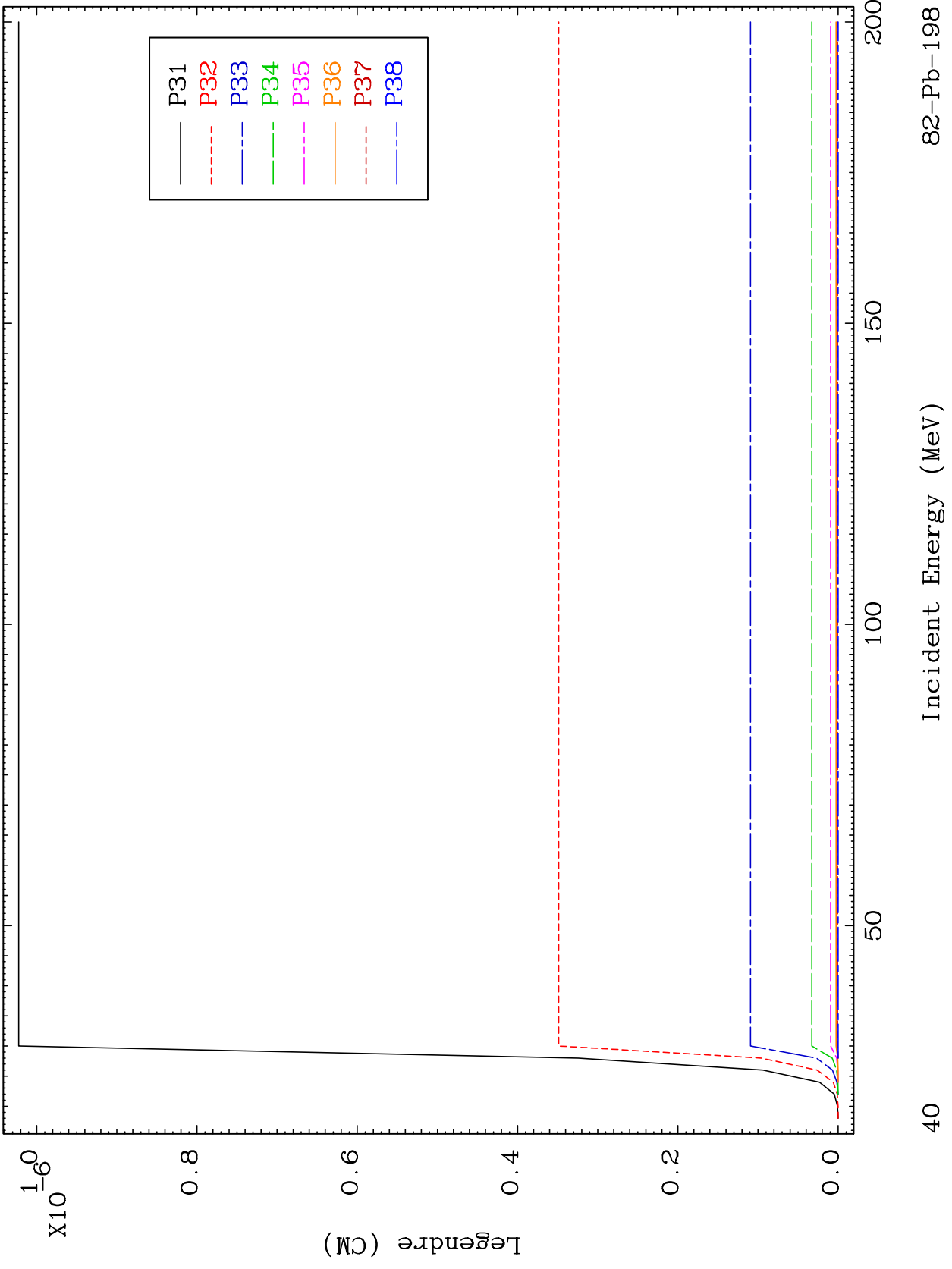
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MAT 8207

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

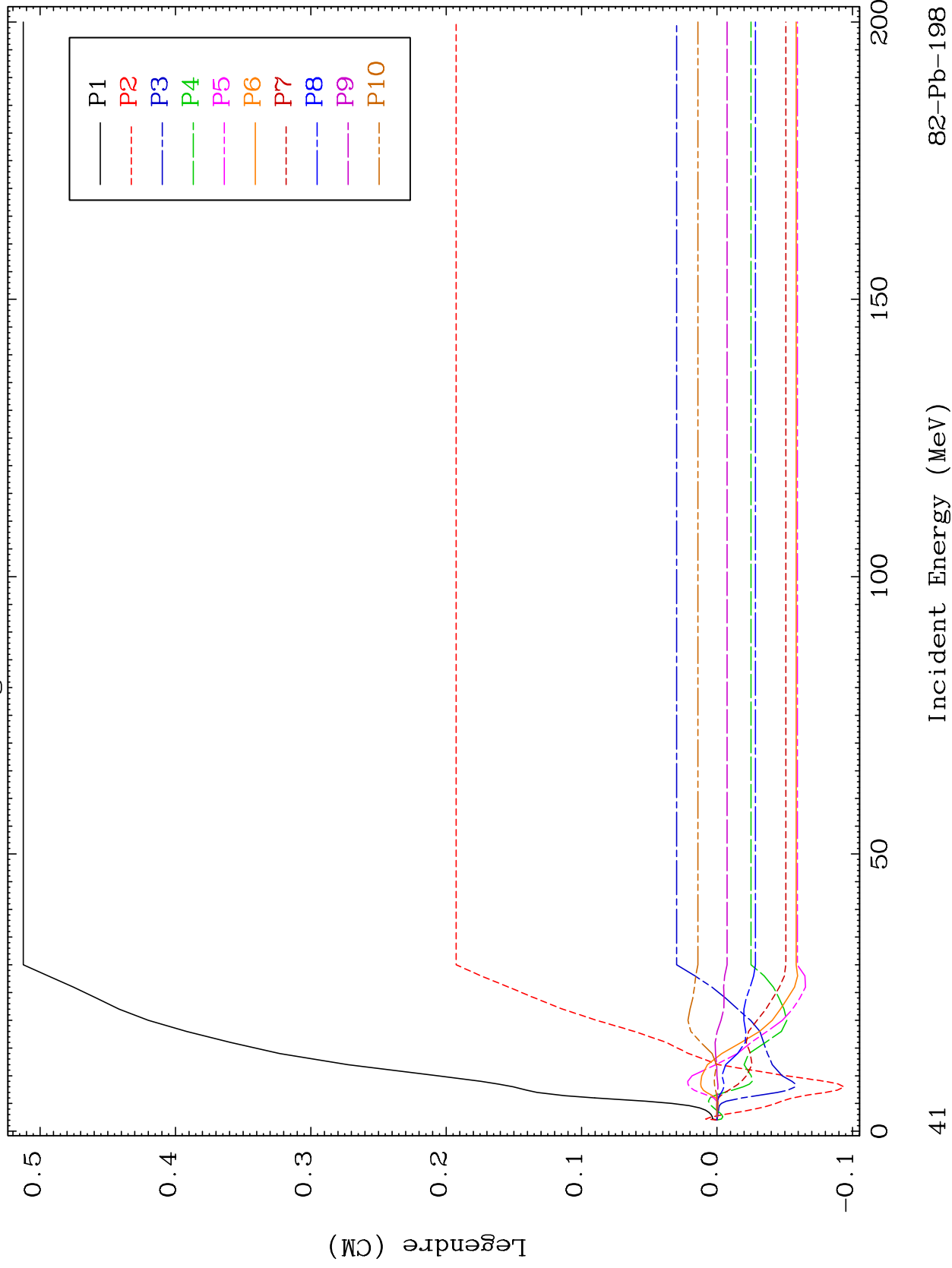
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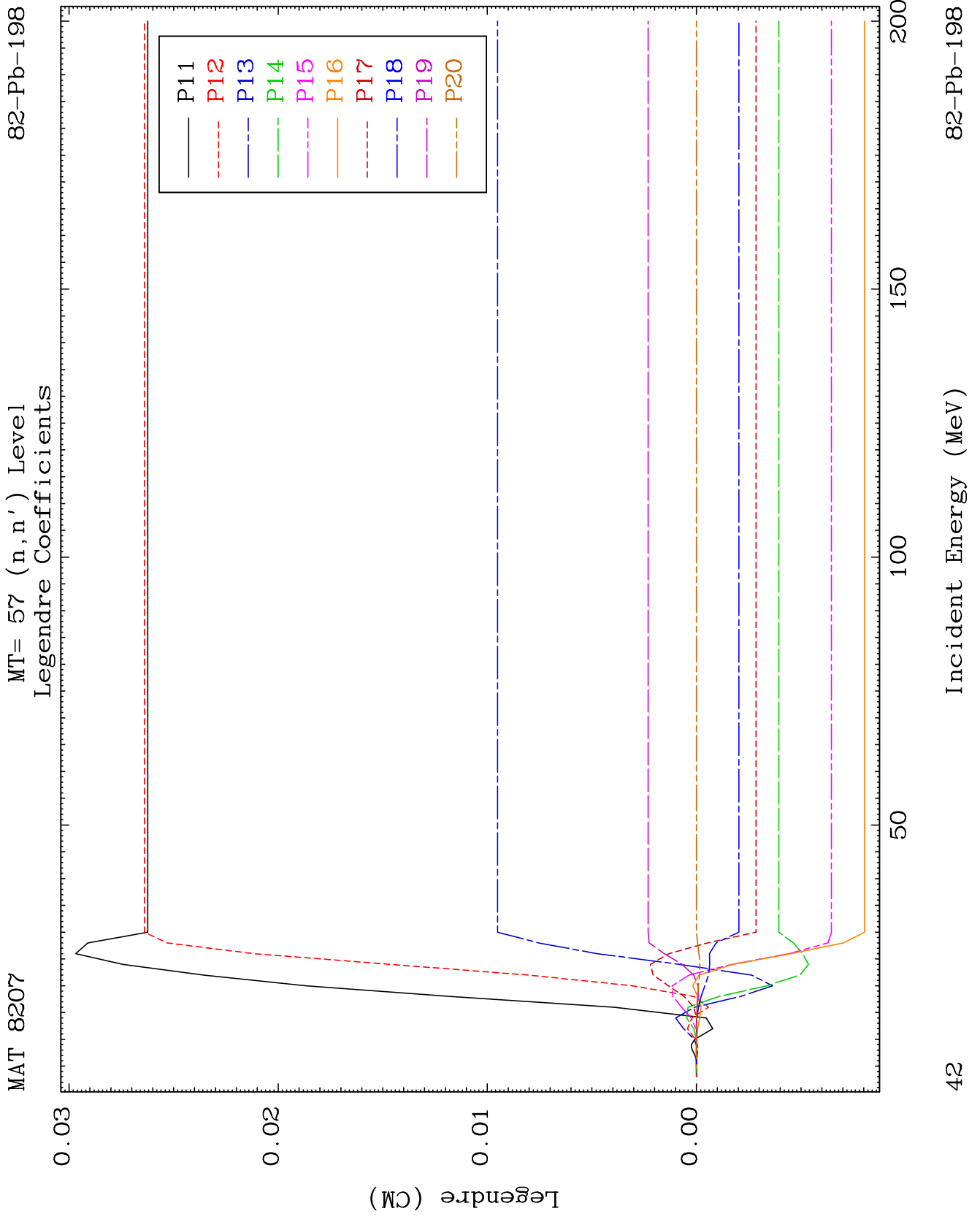


MAT 8207

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

82-Pb-198

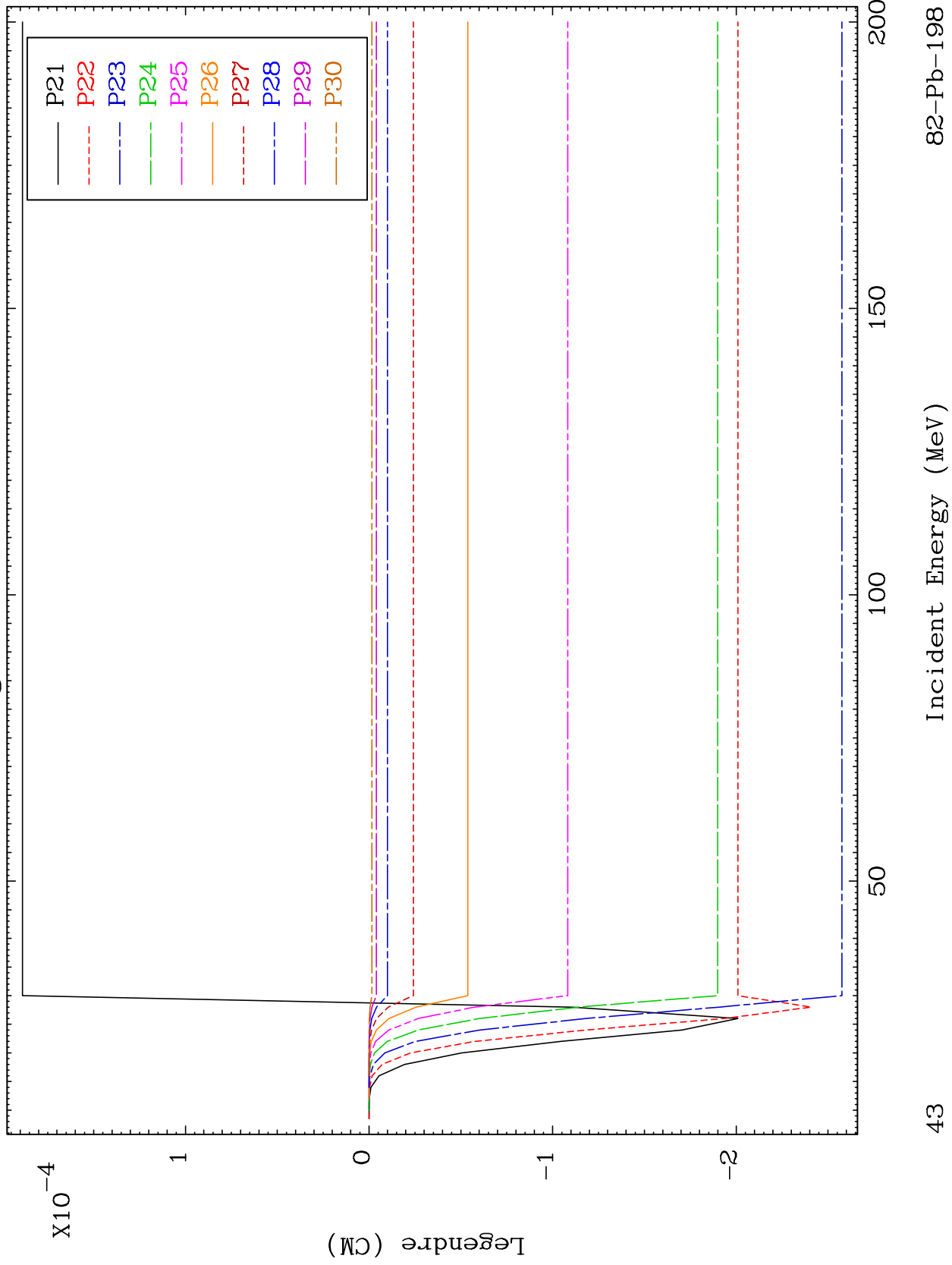


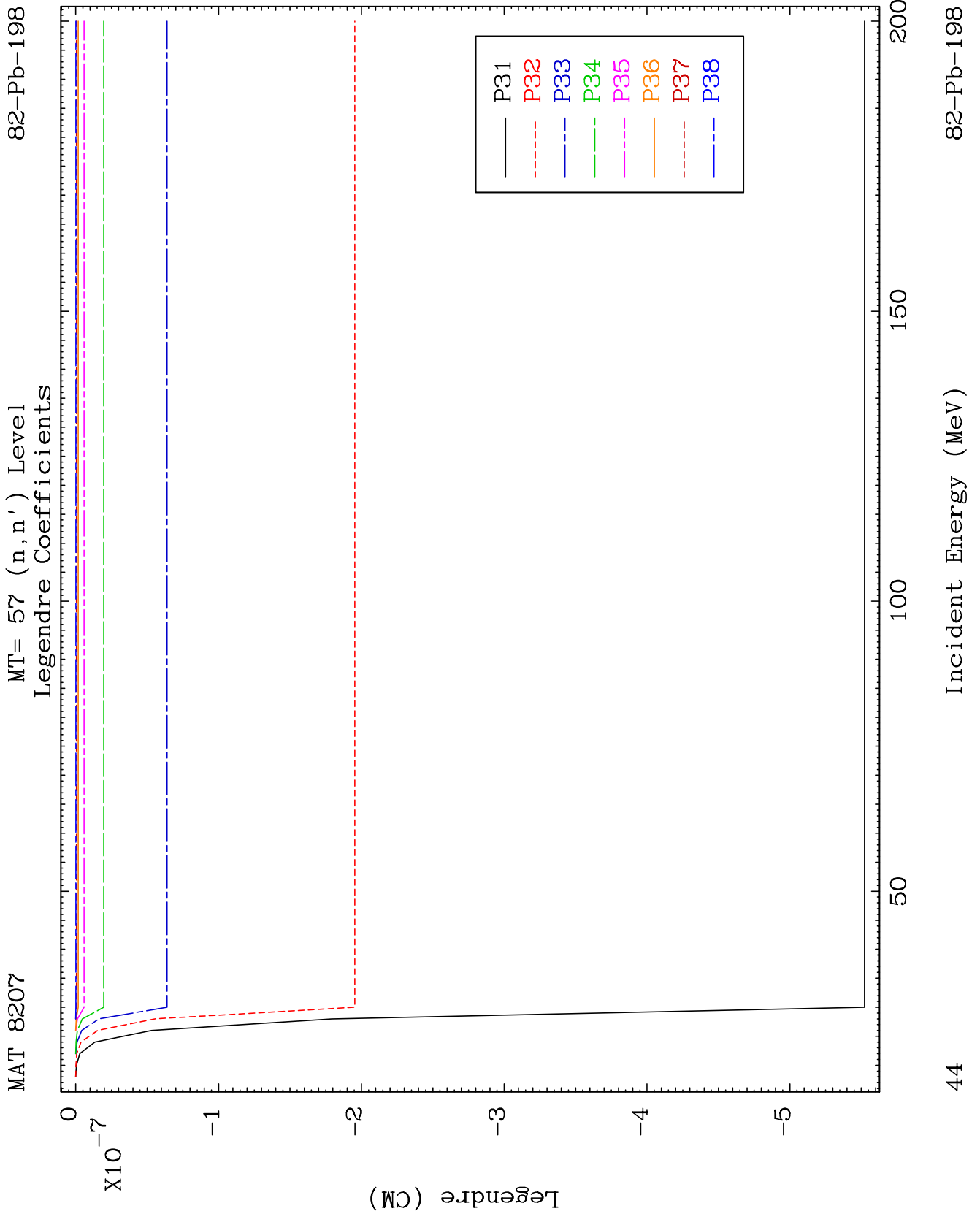


MAT 8207

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

82-Pb-198

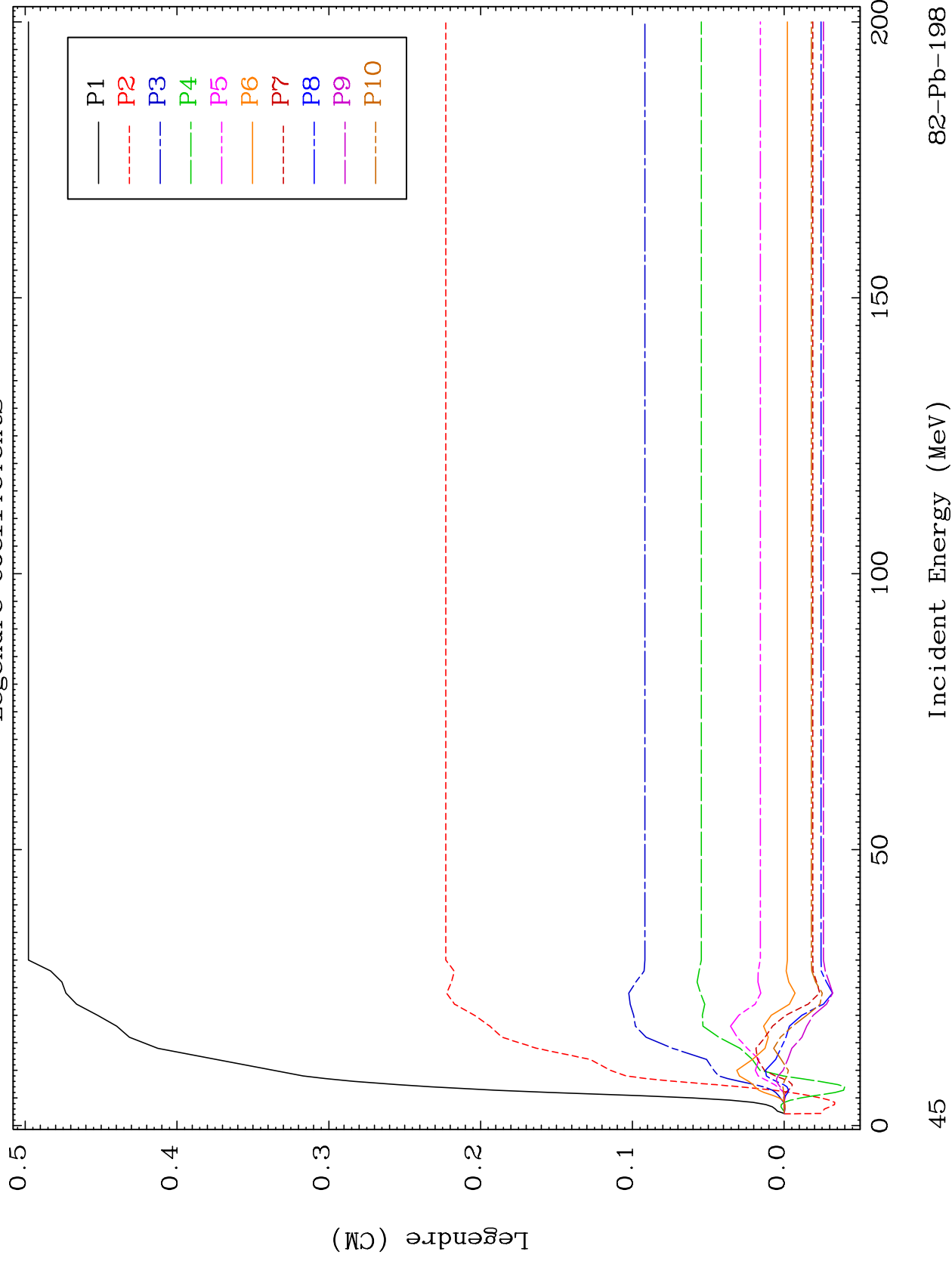




MAT 8207

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

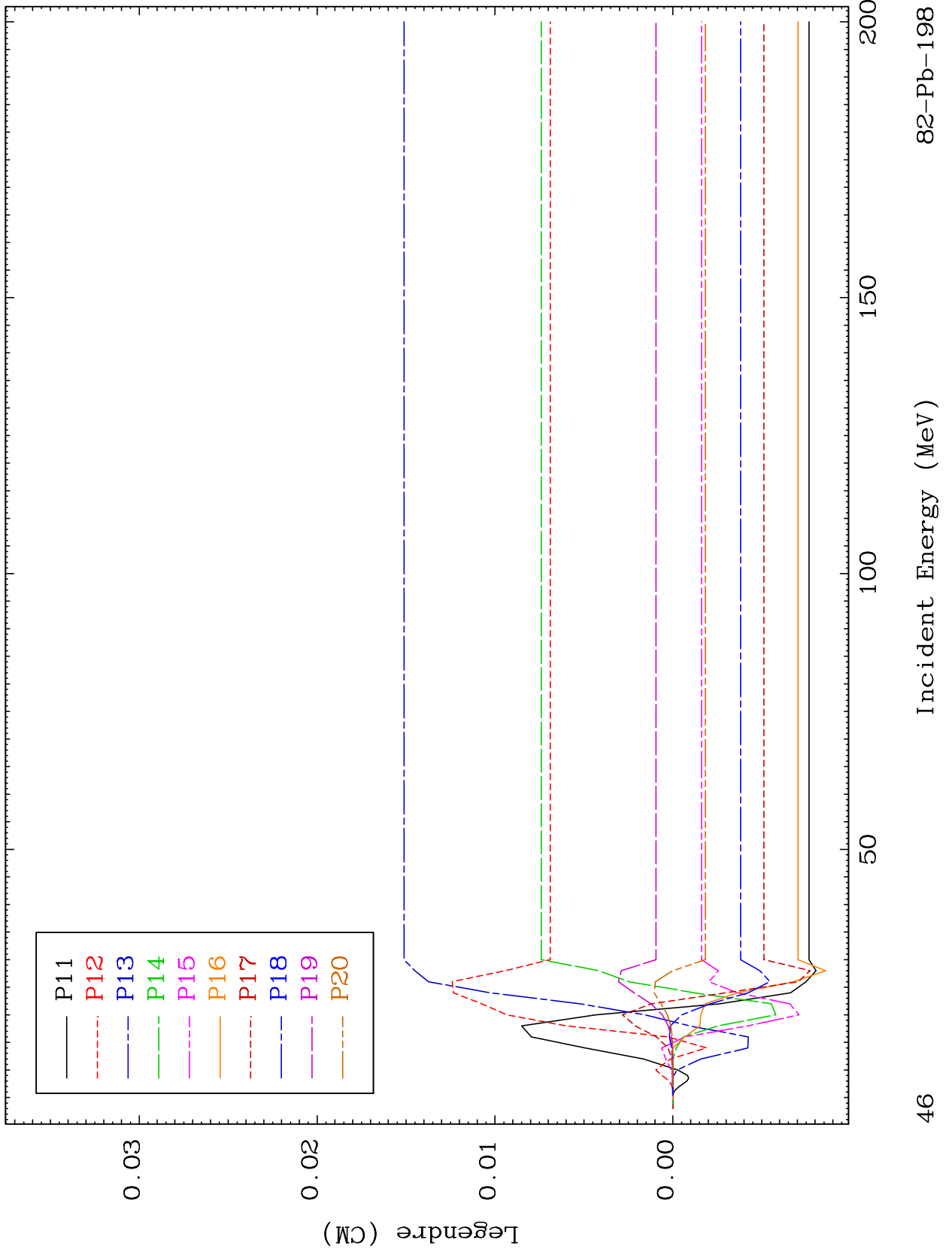
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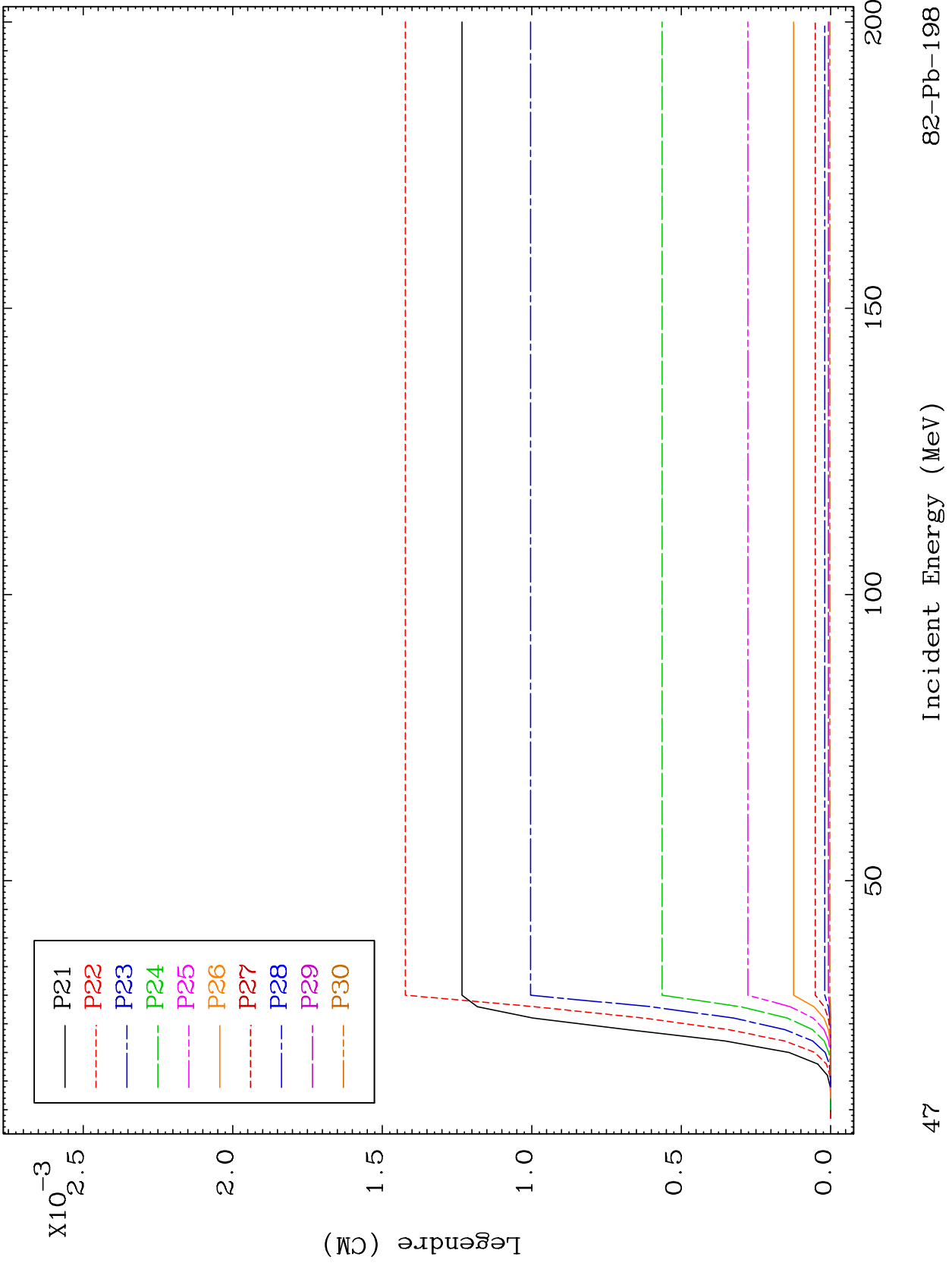


82-Pb-198

Incident Energy (MeV)

45

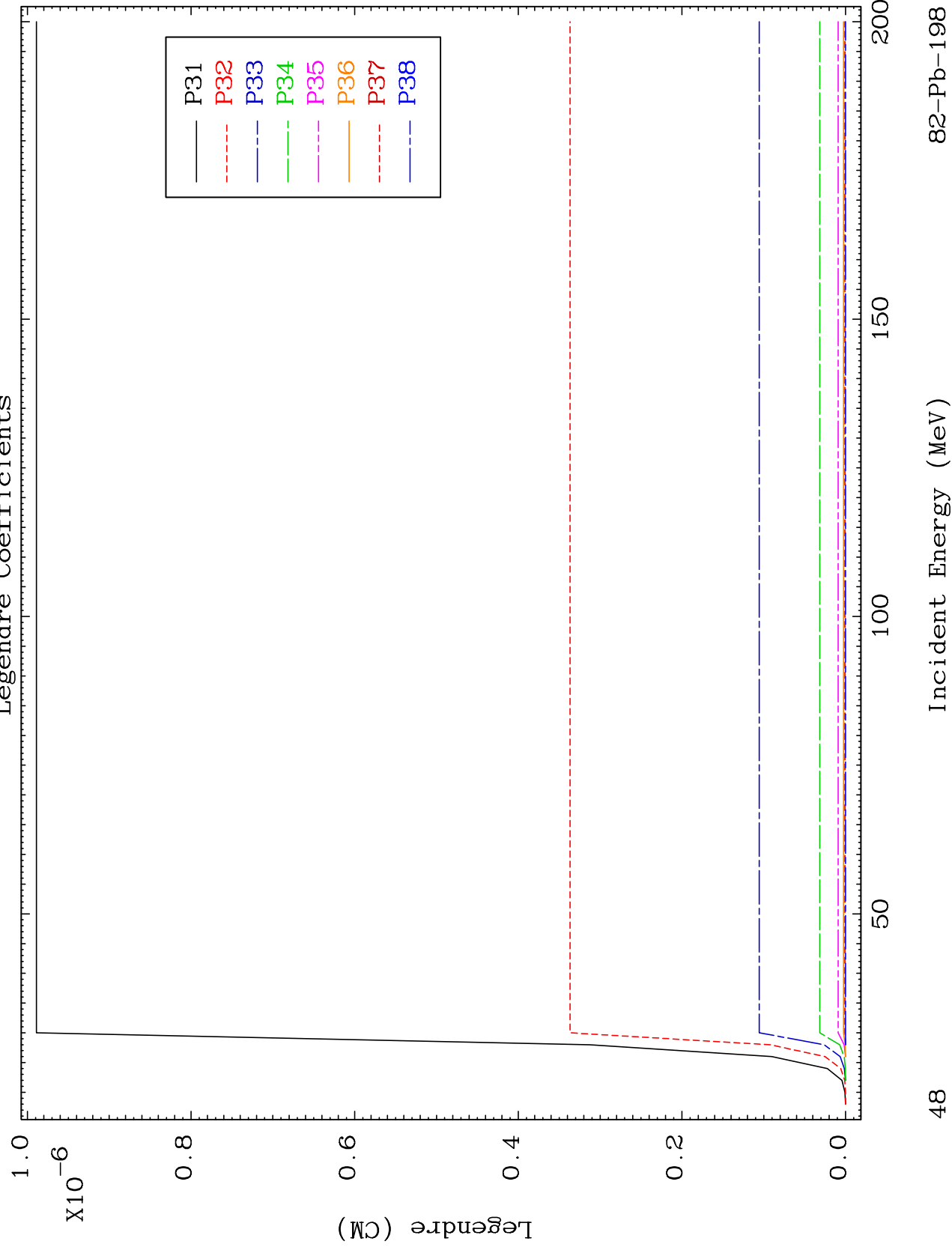




MAT 8207

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

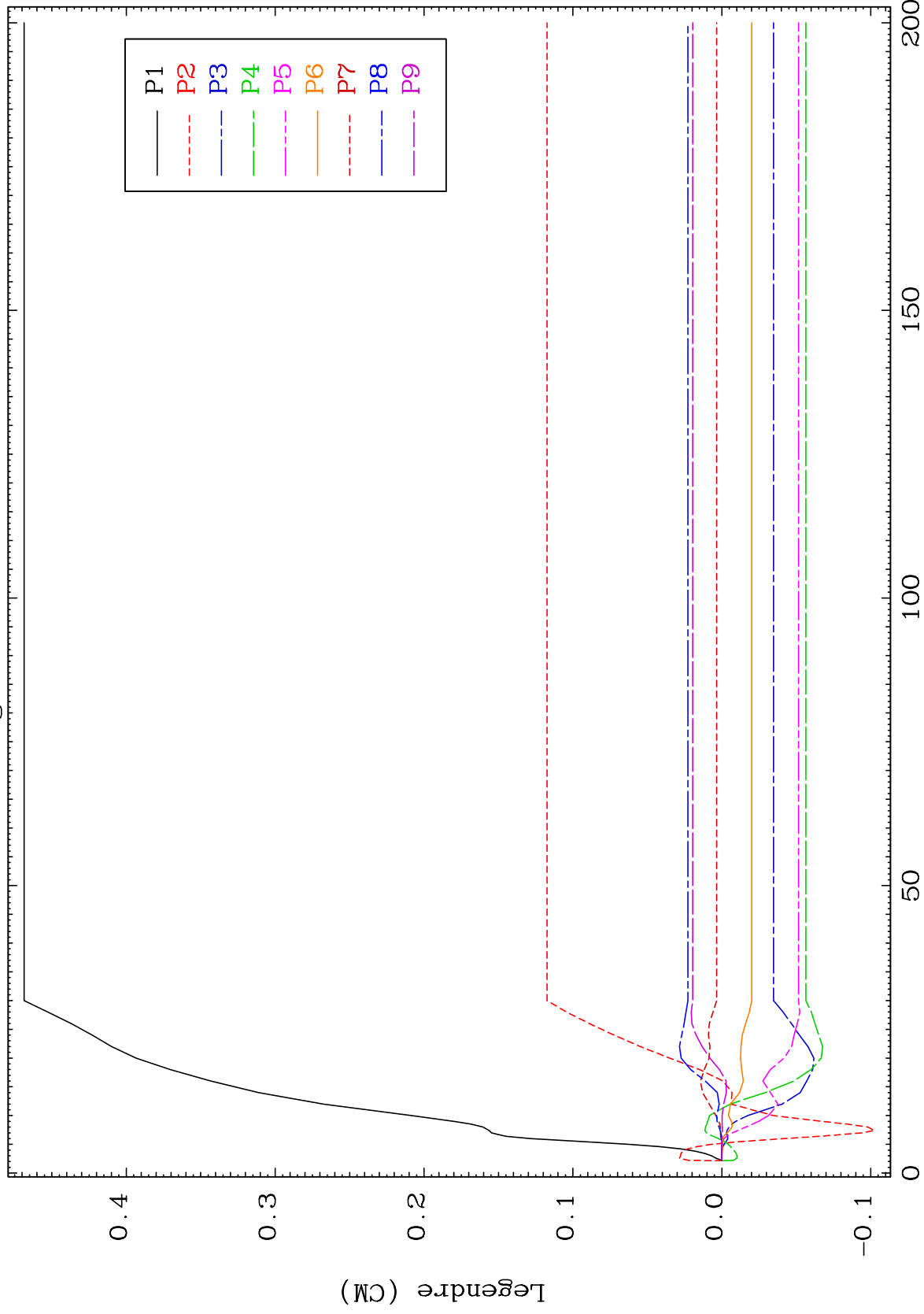
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MAT 8207

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

82-Pb-198



49

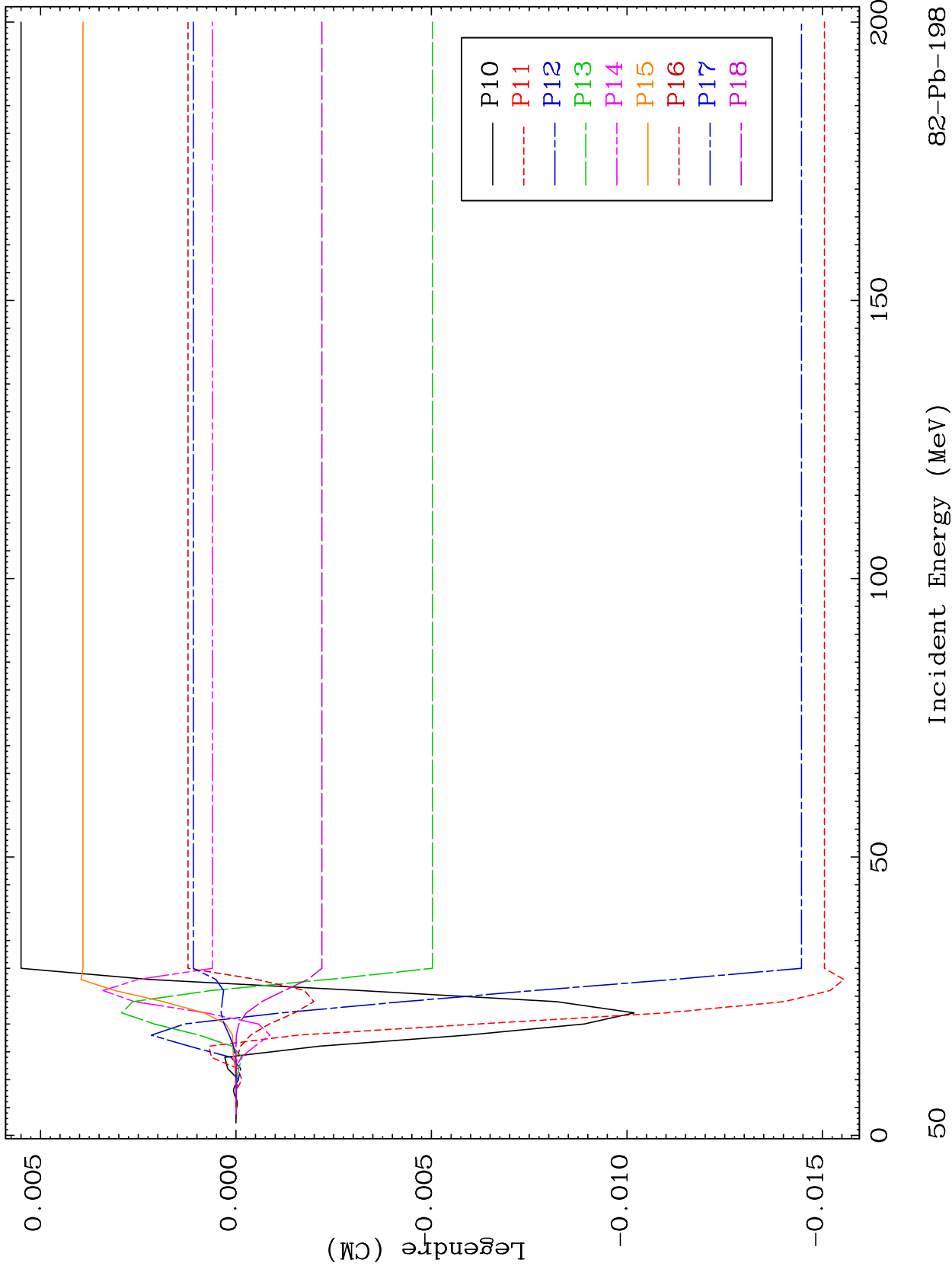
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

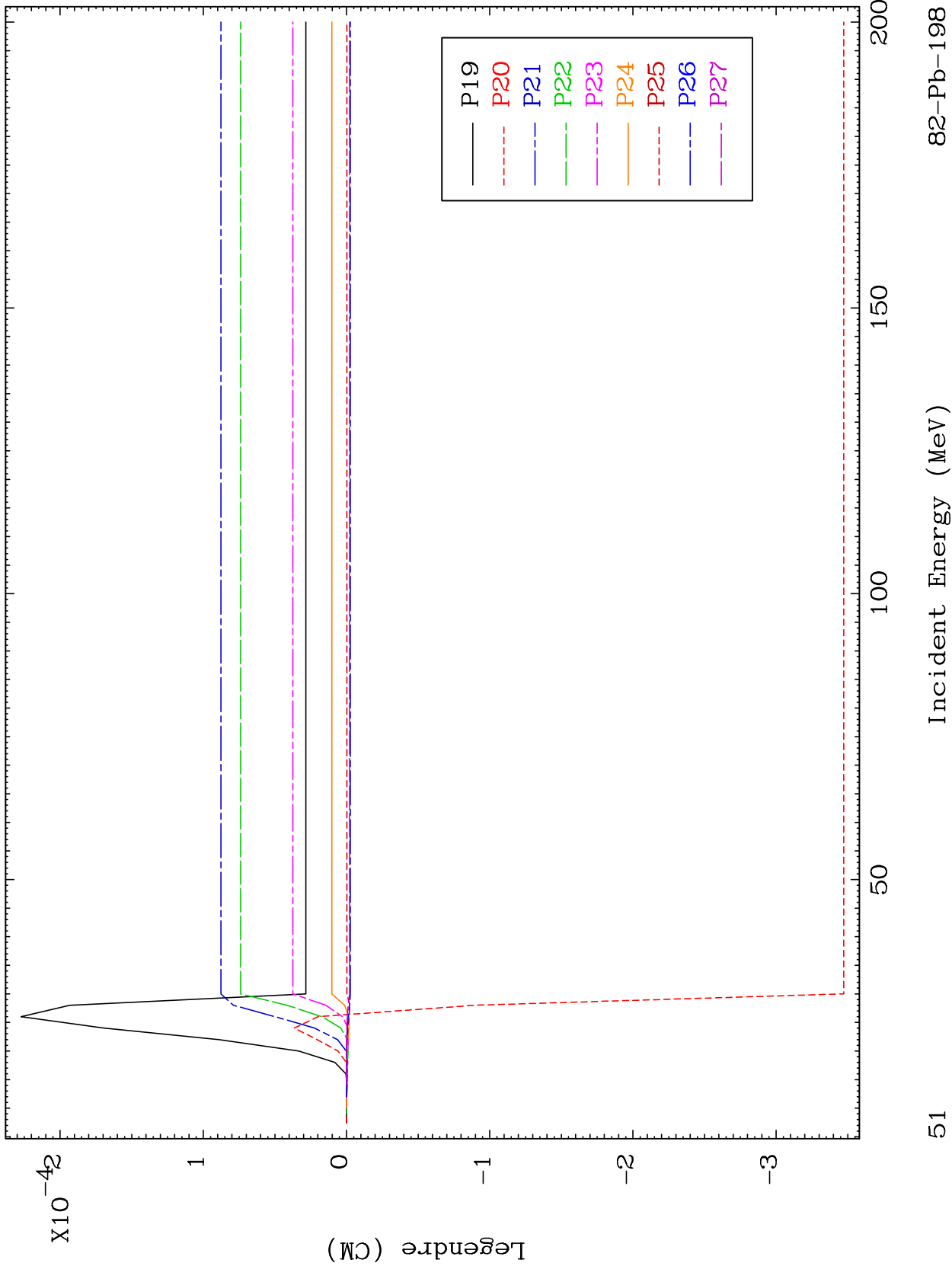
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82-Pb-198

Incident Energy (MeV)

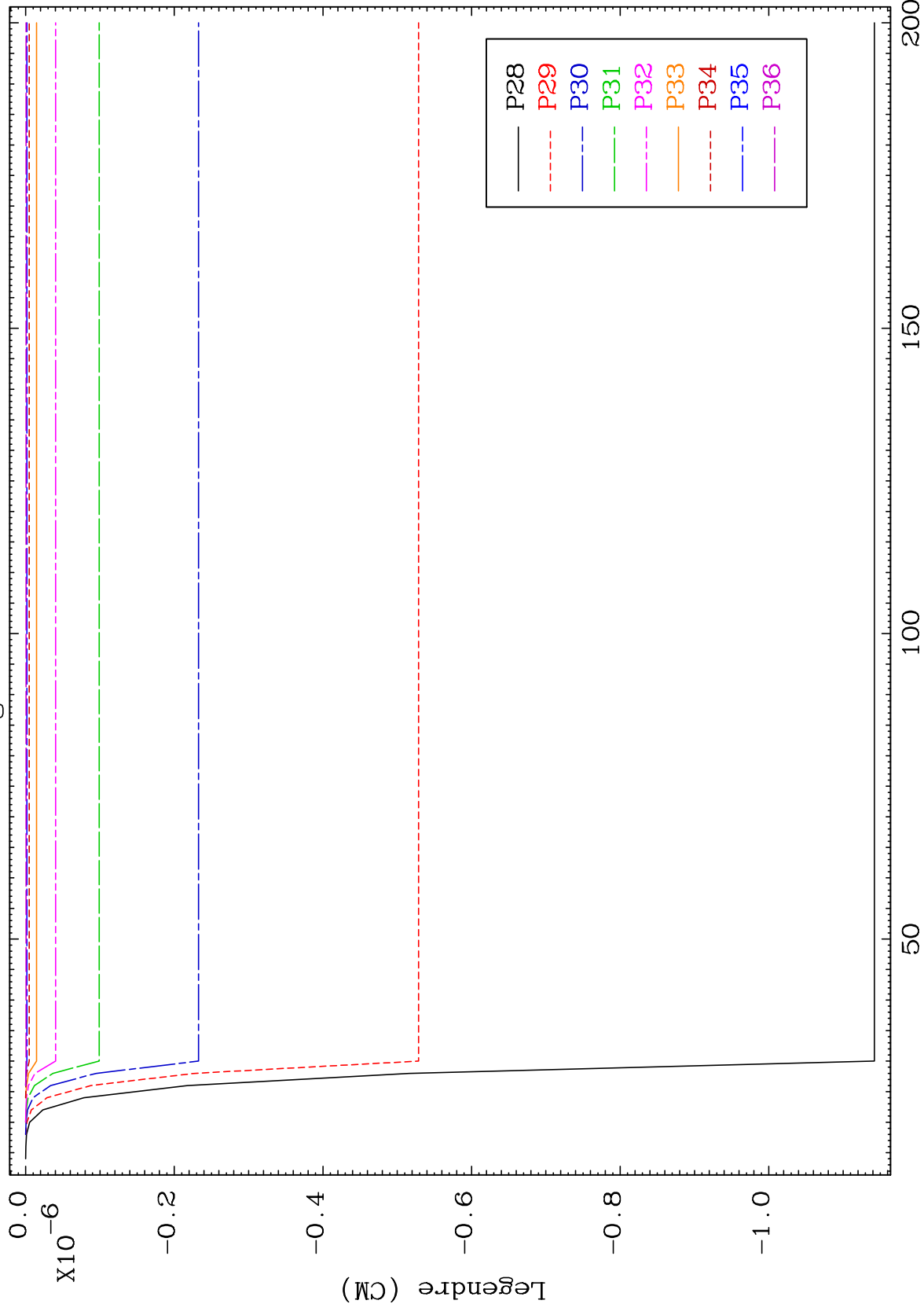
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MAT 8207

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

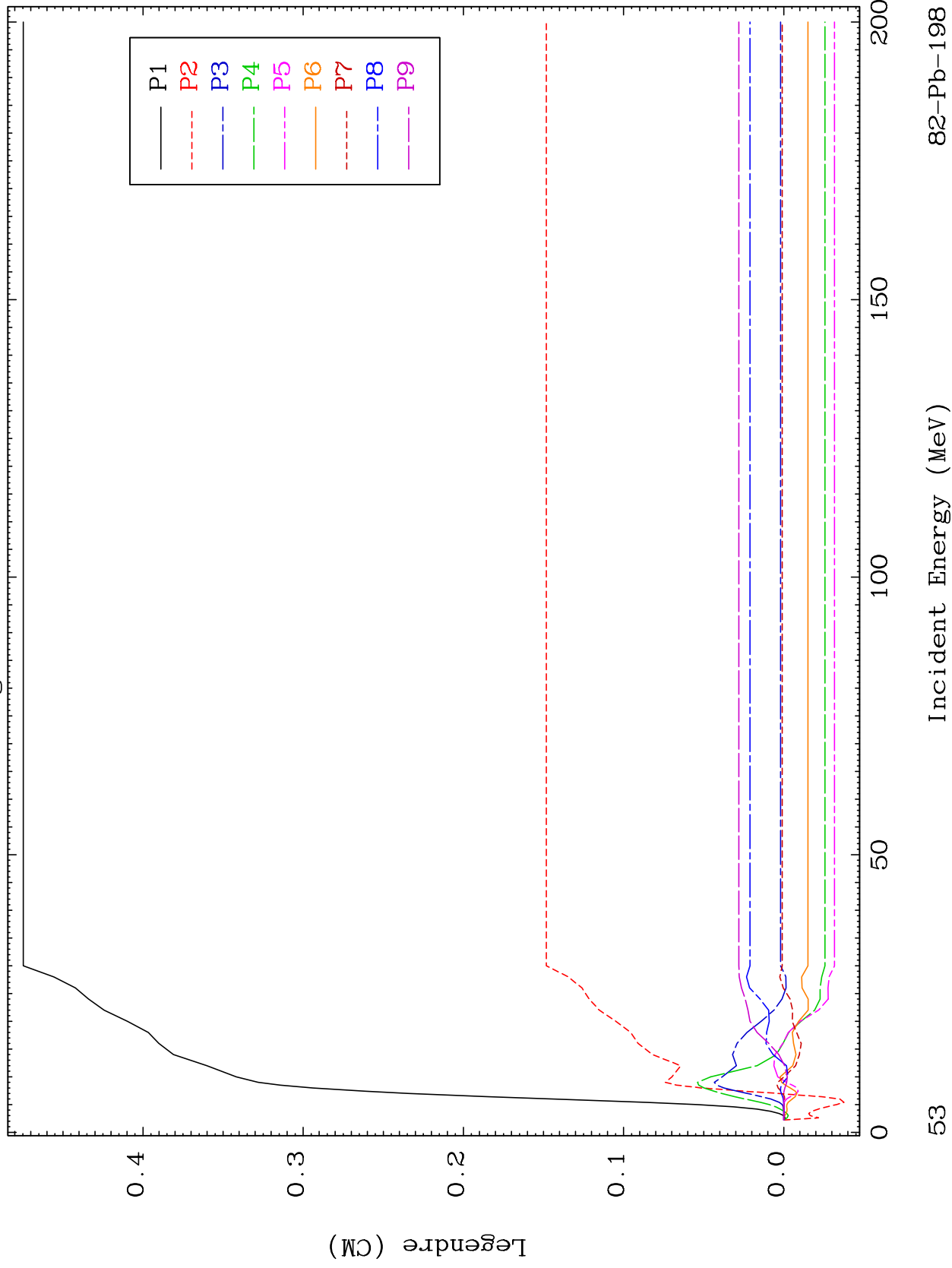
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MAT 8207

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

82-Pb-198



82-Pb-198

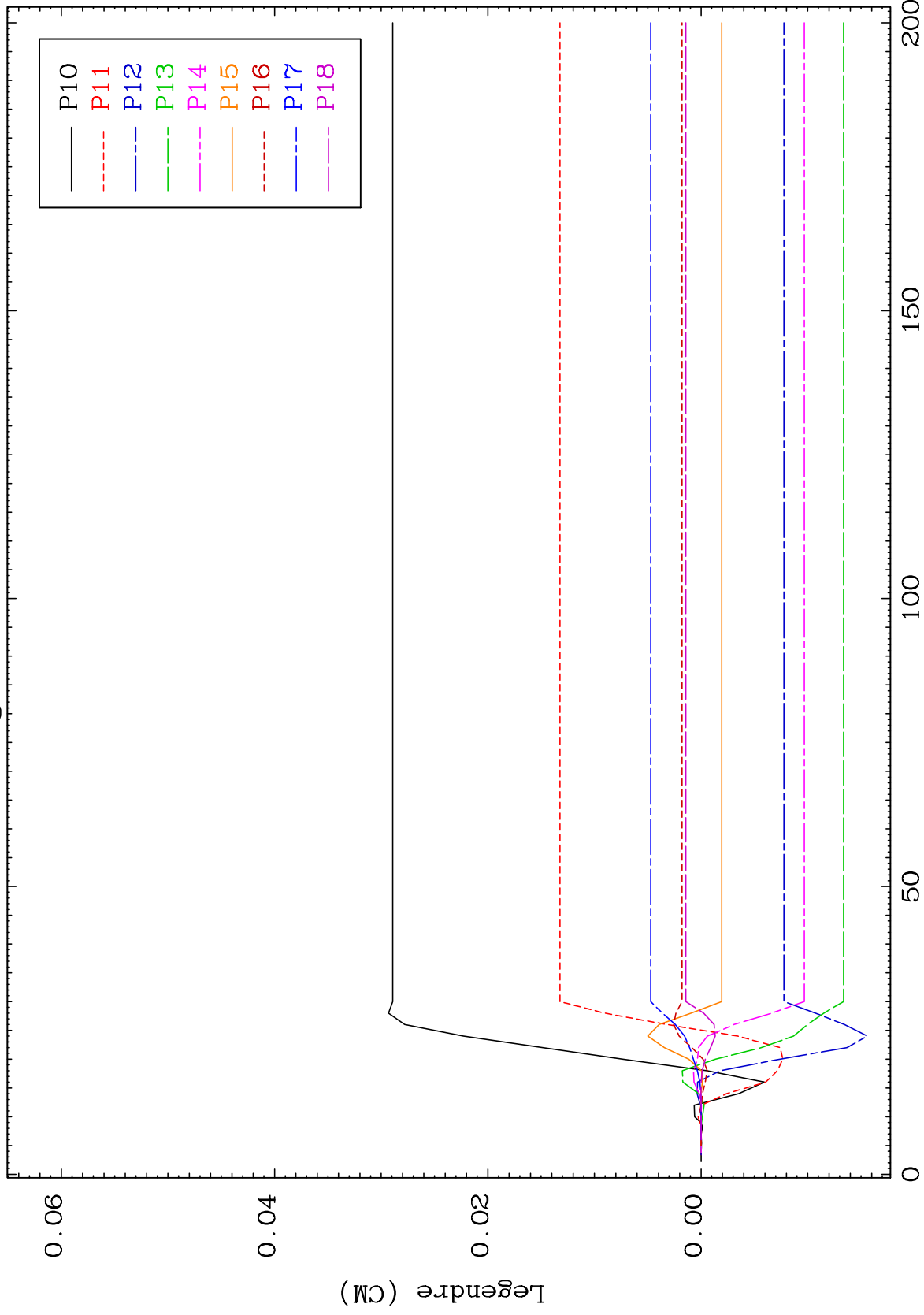
Incident Energy (MeV)

53

MAT 8207

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

82-Pb-198



54

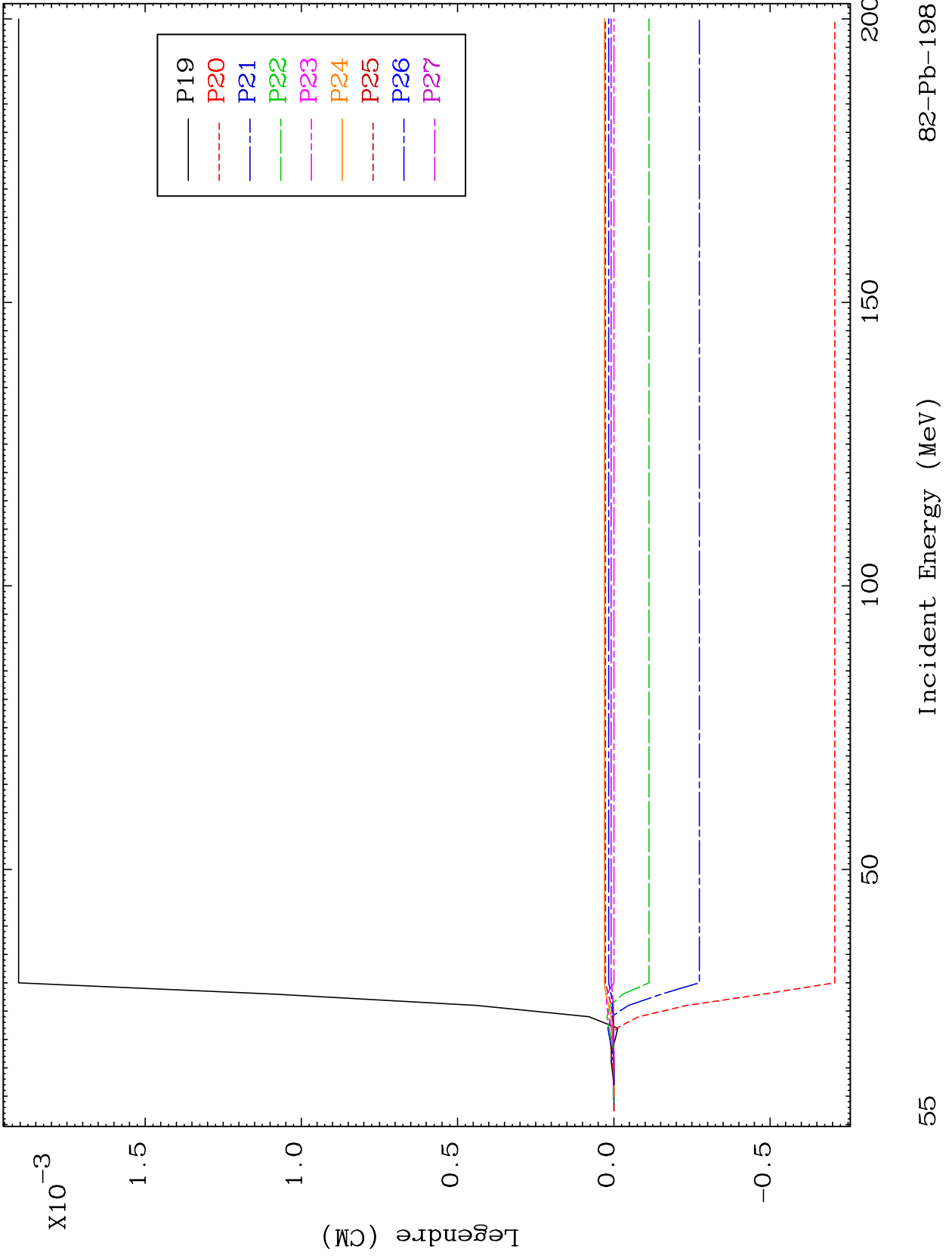
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



55

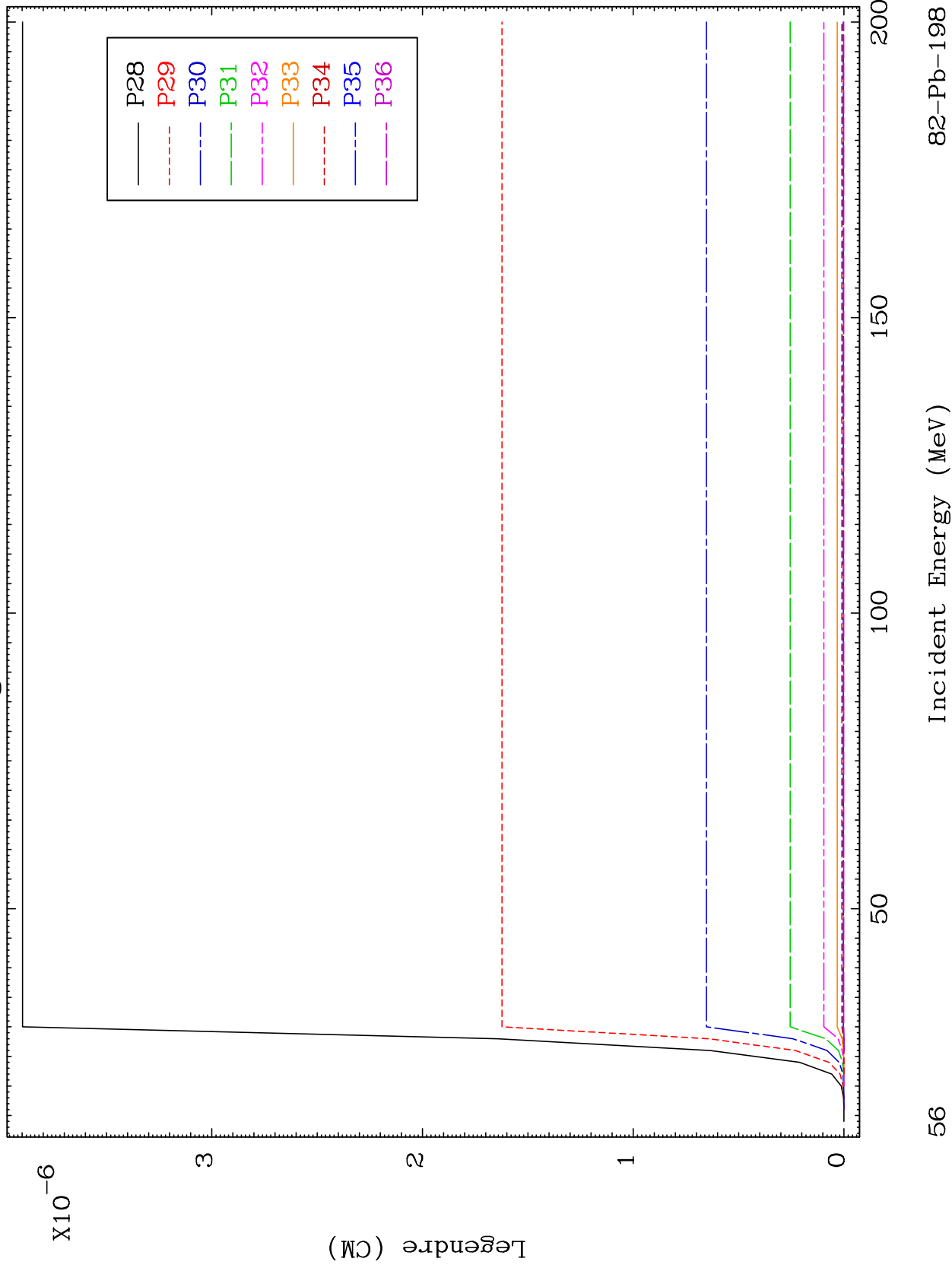
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



56

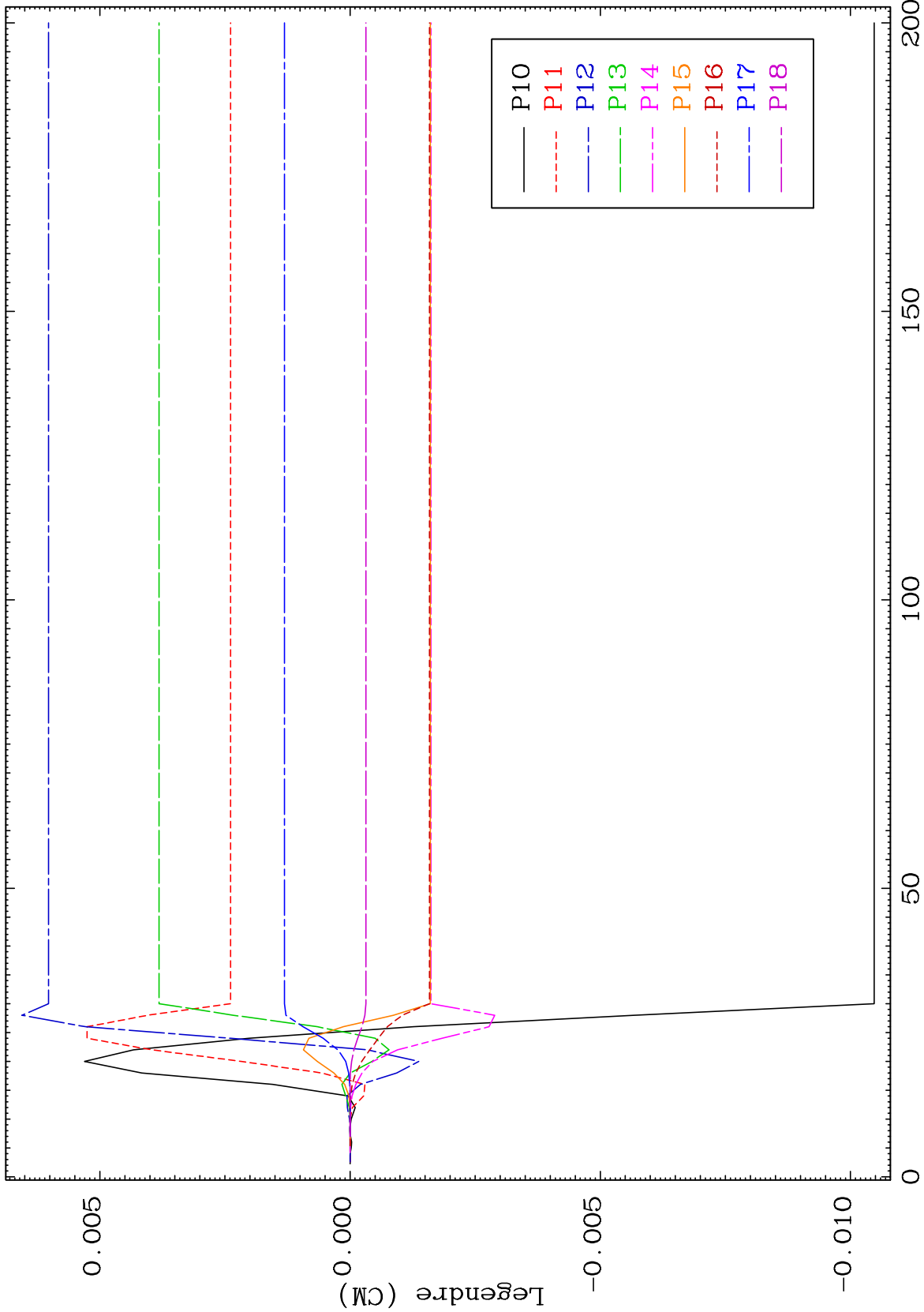
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



58

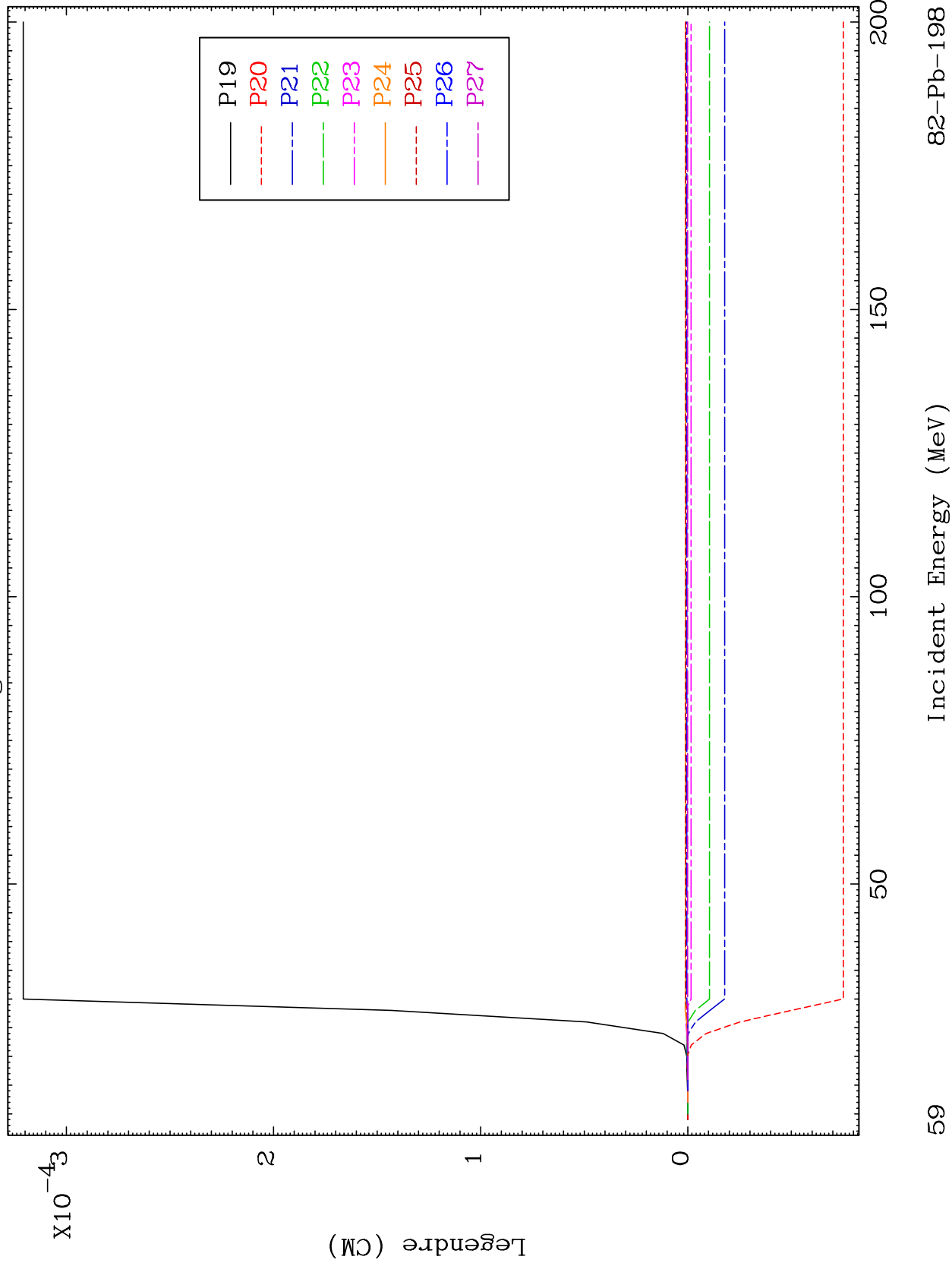
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



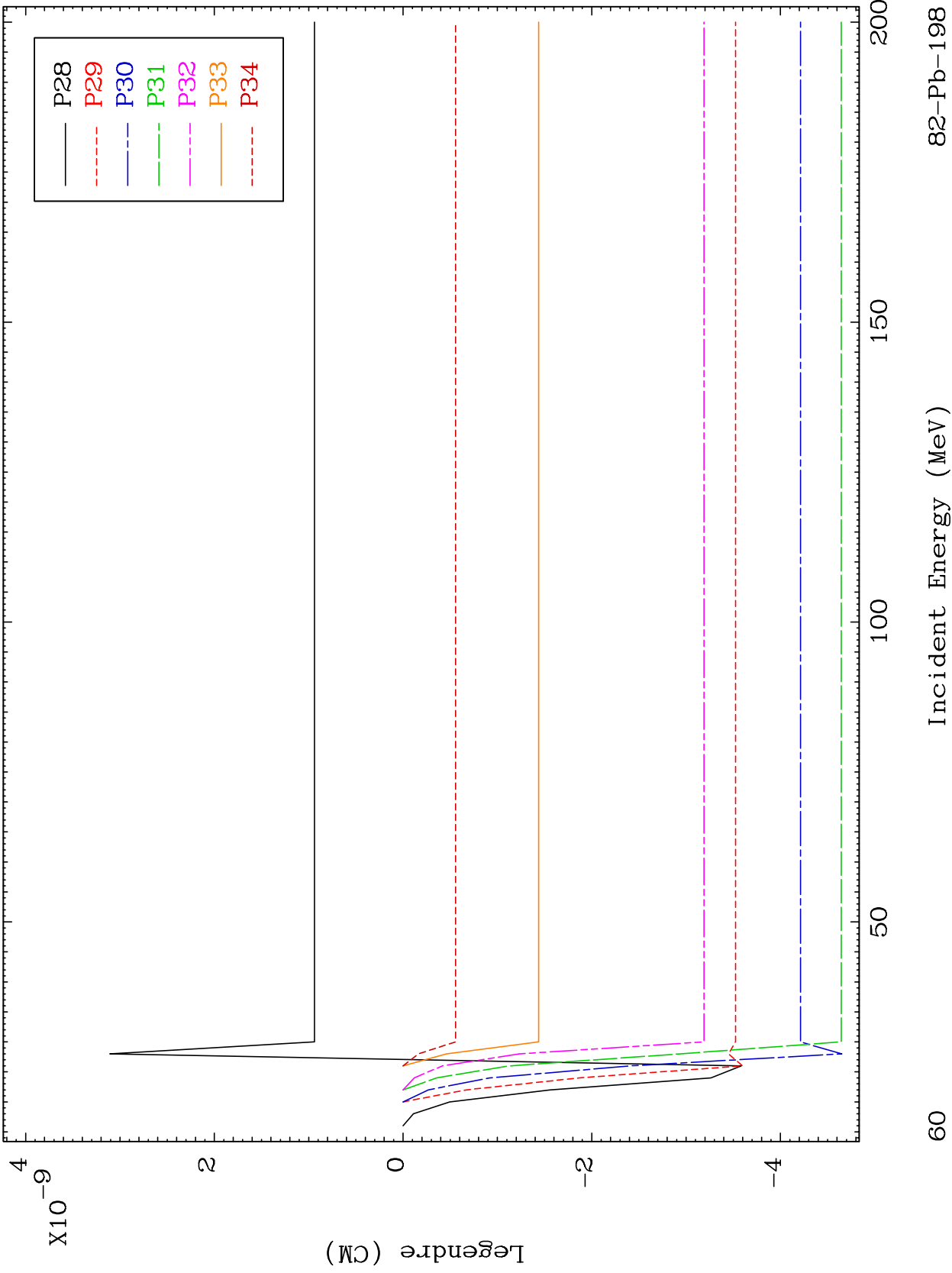
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82-Pb-198

MAT 8207

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

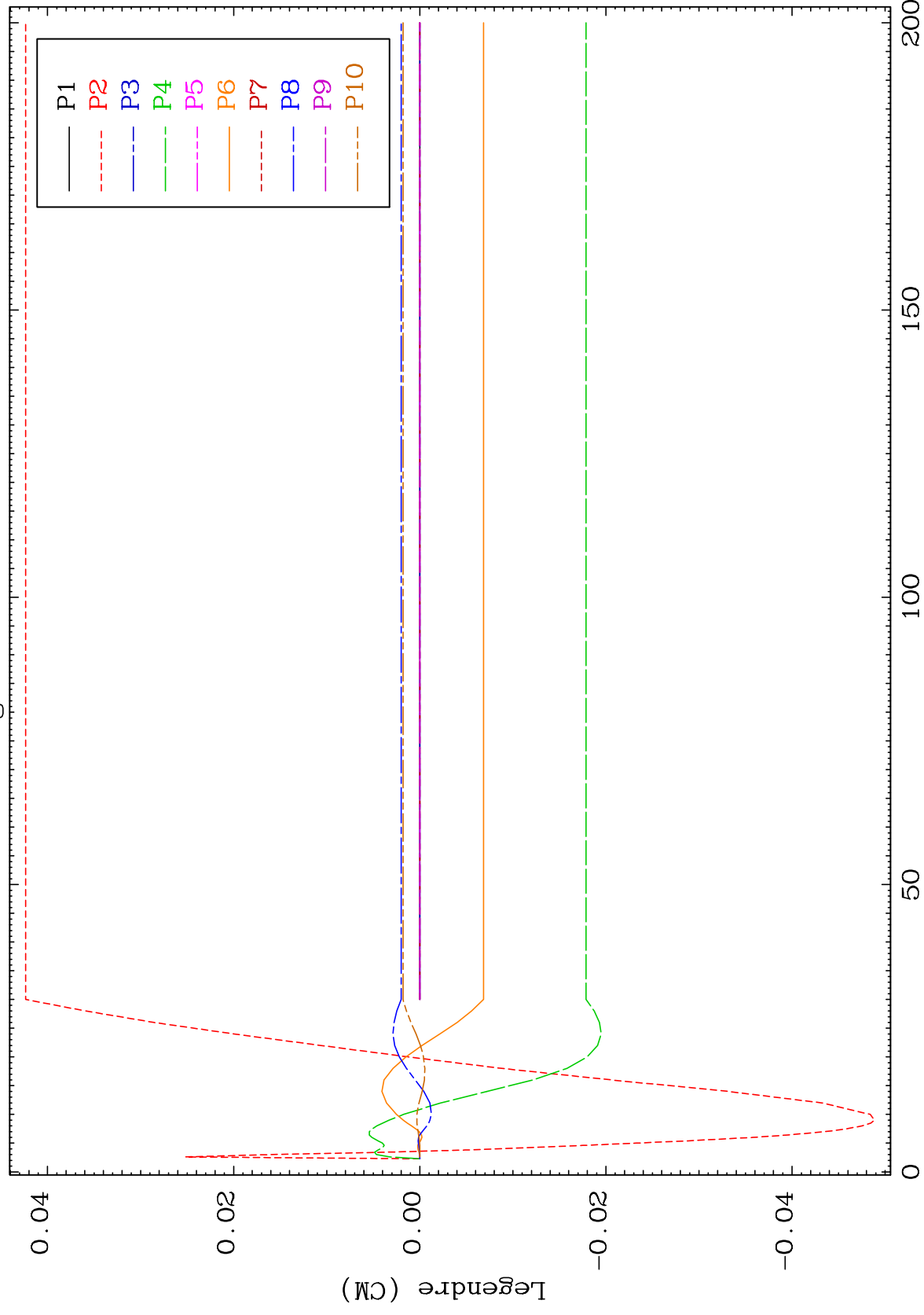
82-Pb-198



MAT 8207

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

82-Pb-198



61

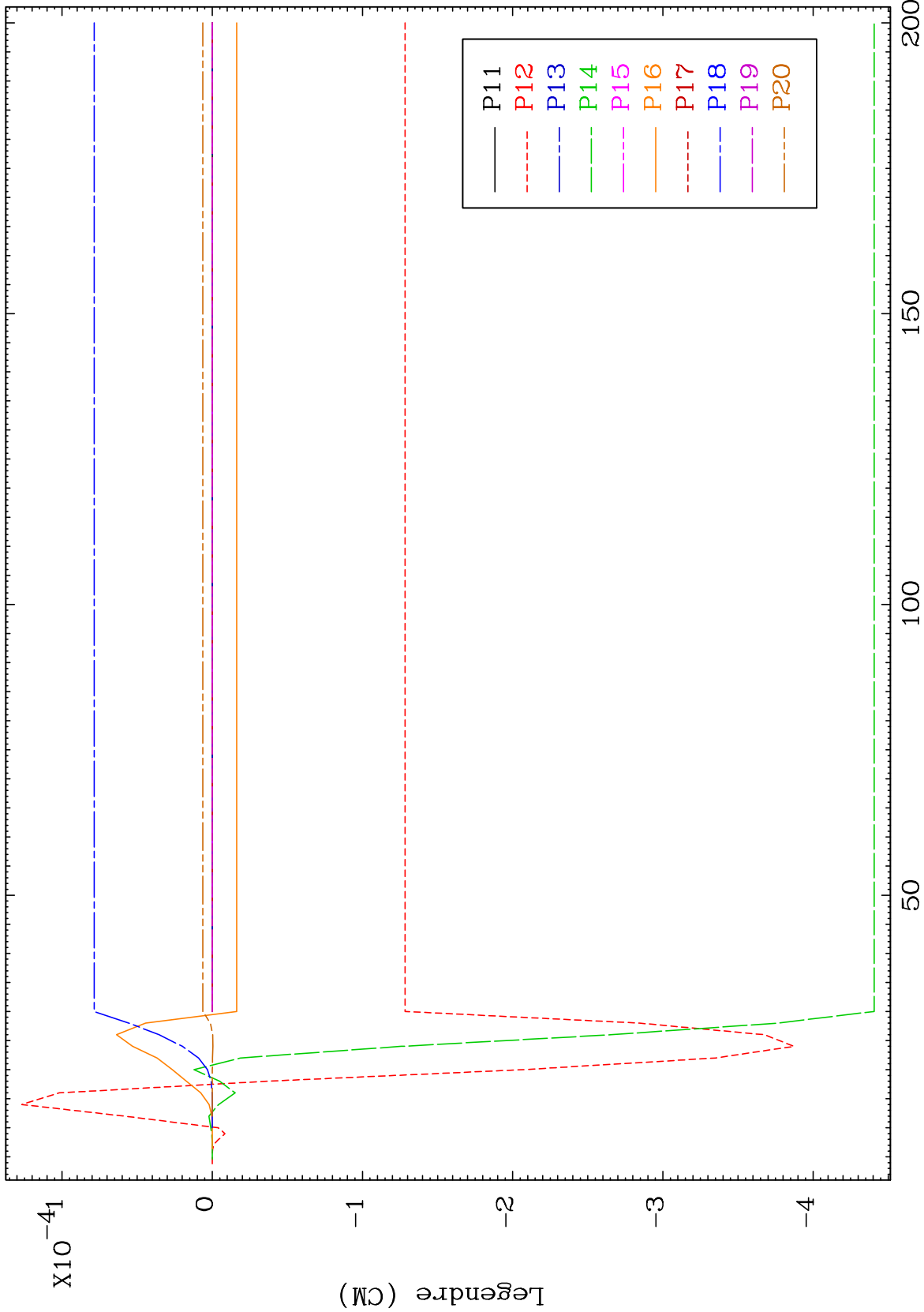
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

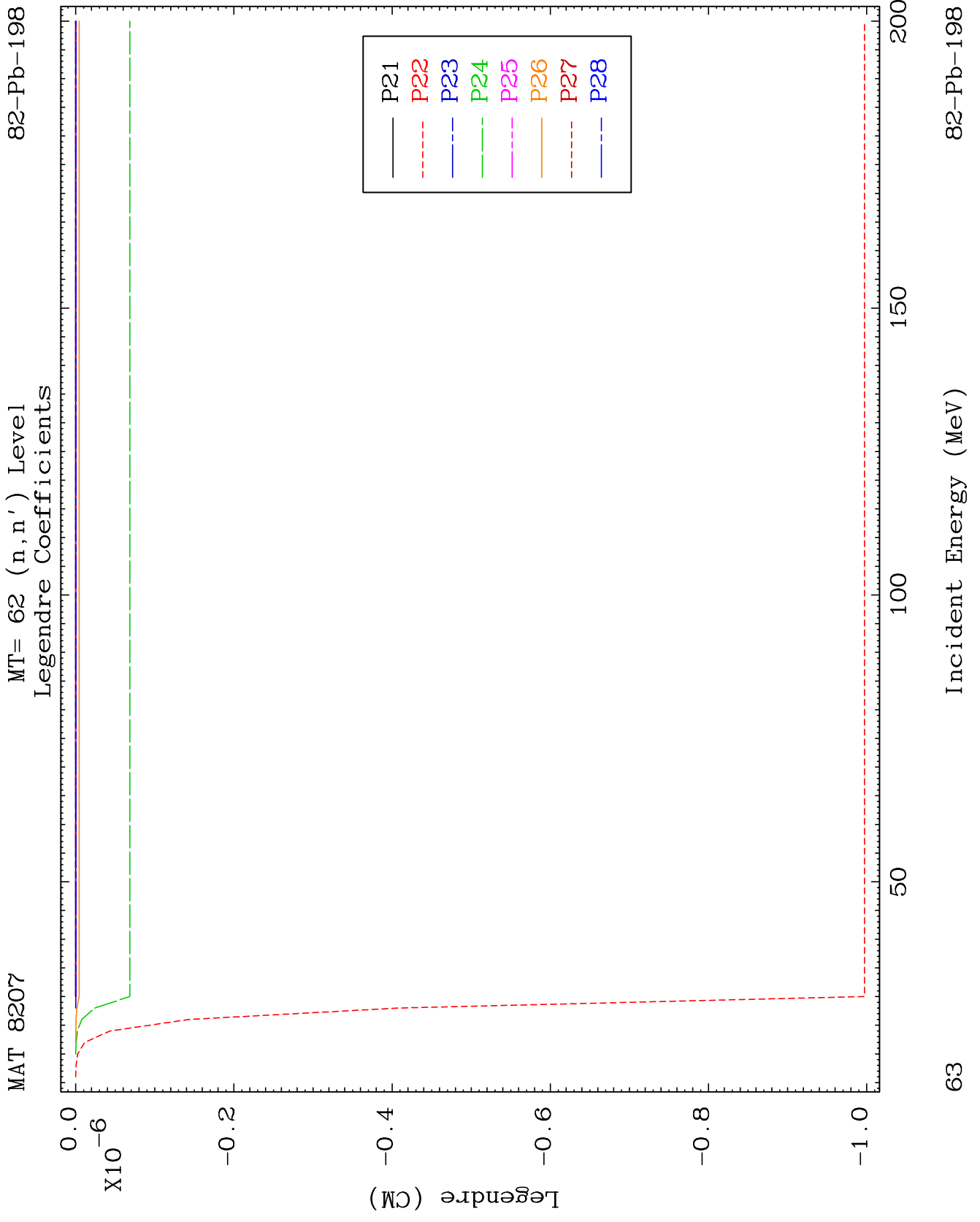
82-Pb-198



62

Incident Energy (MeV)

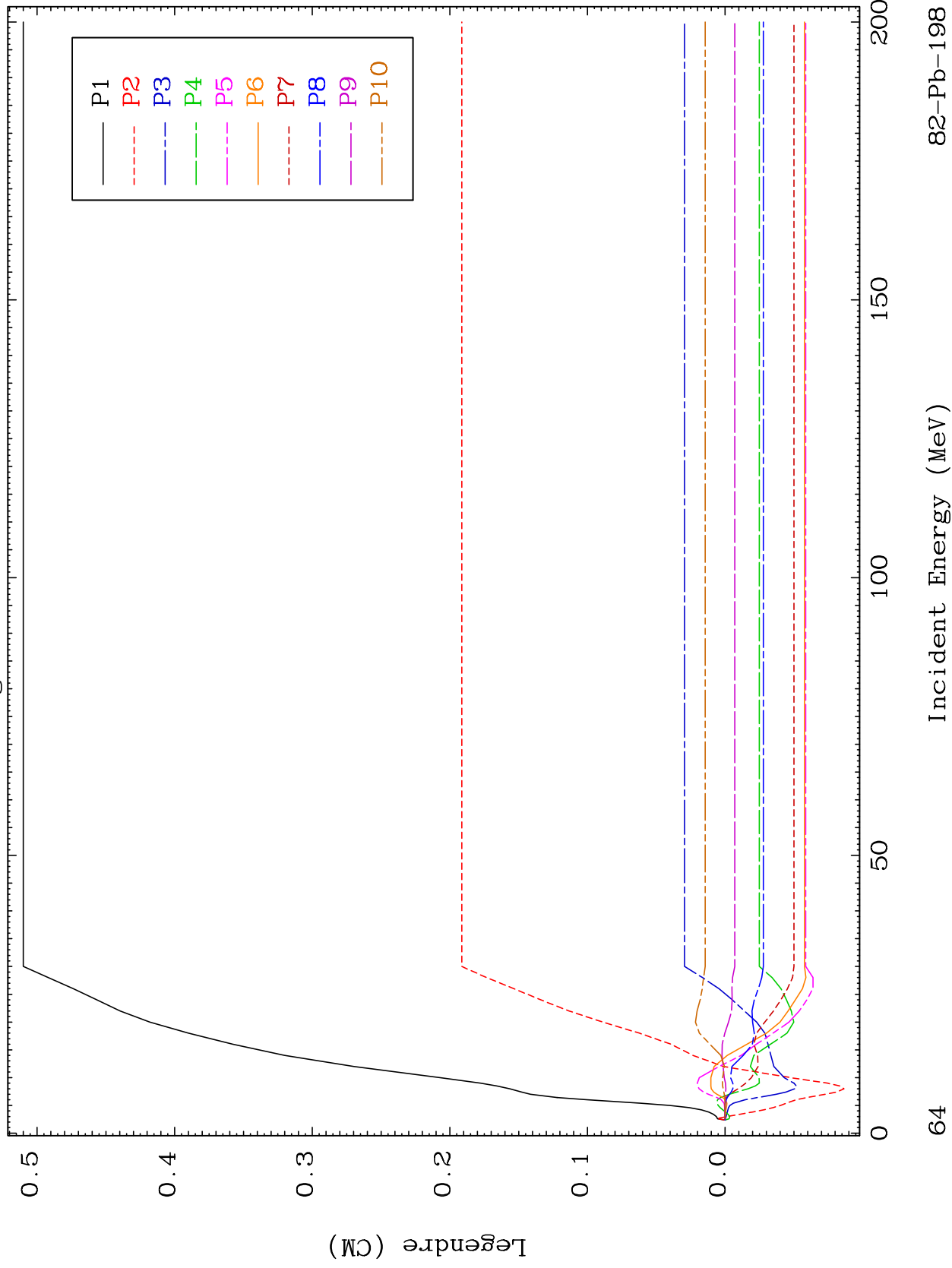
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MAT 8207

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

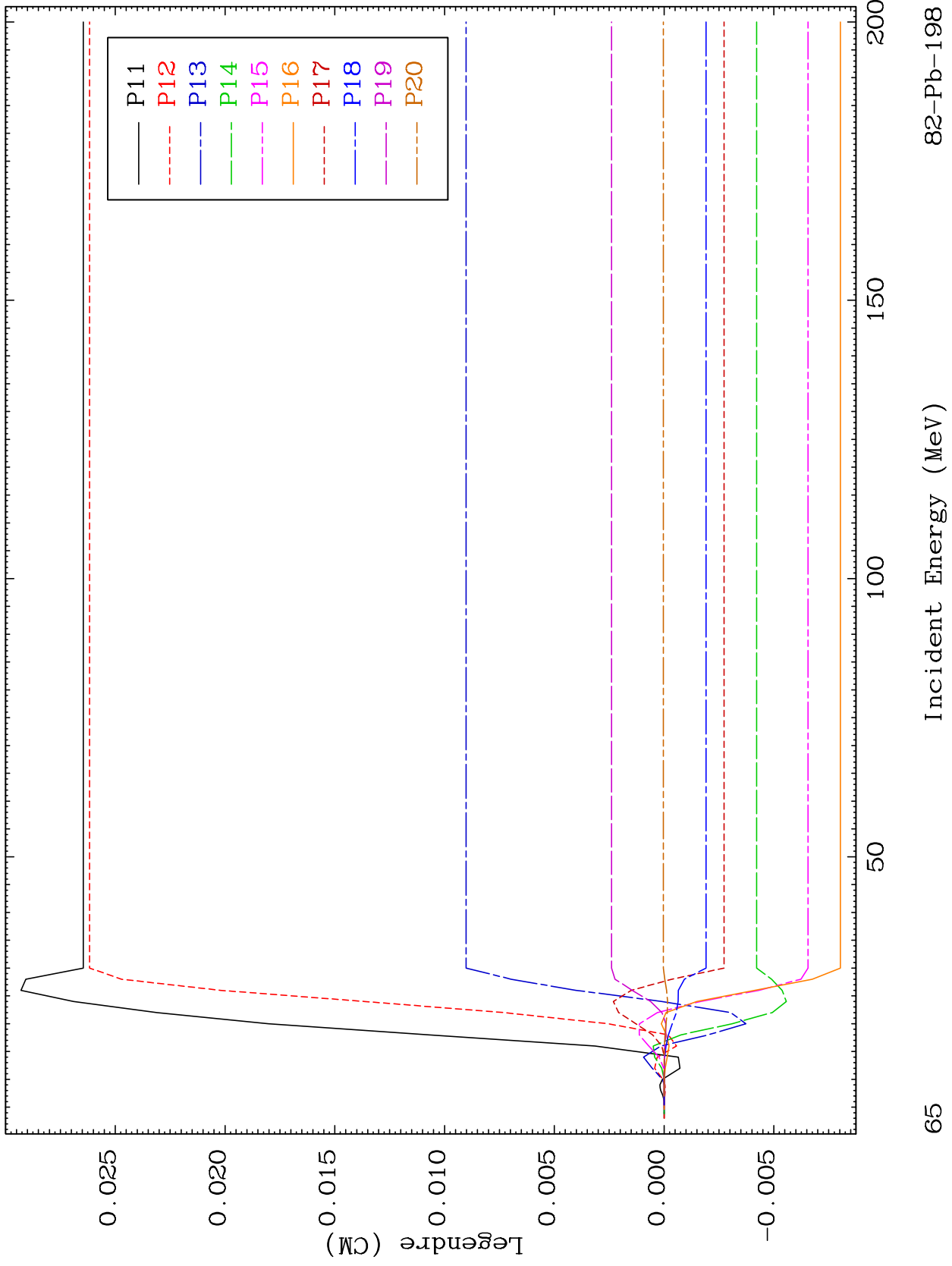
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MAT 8207

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

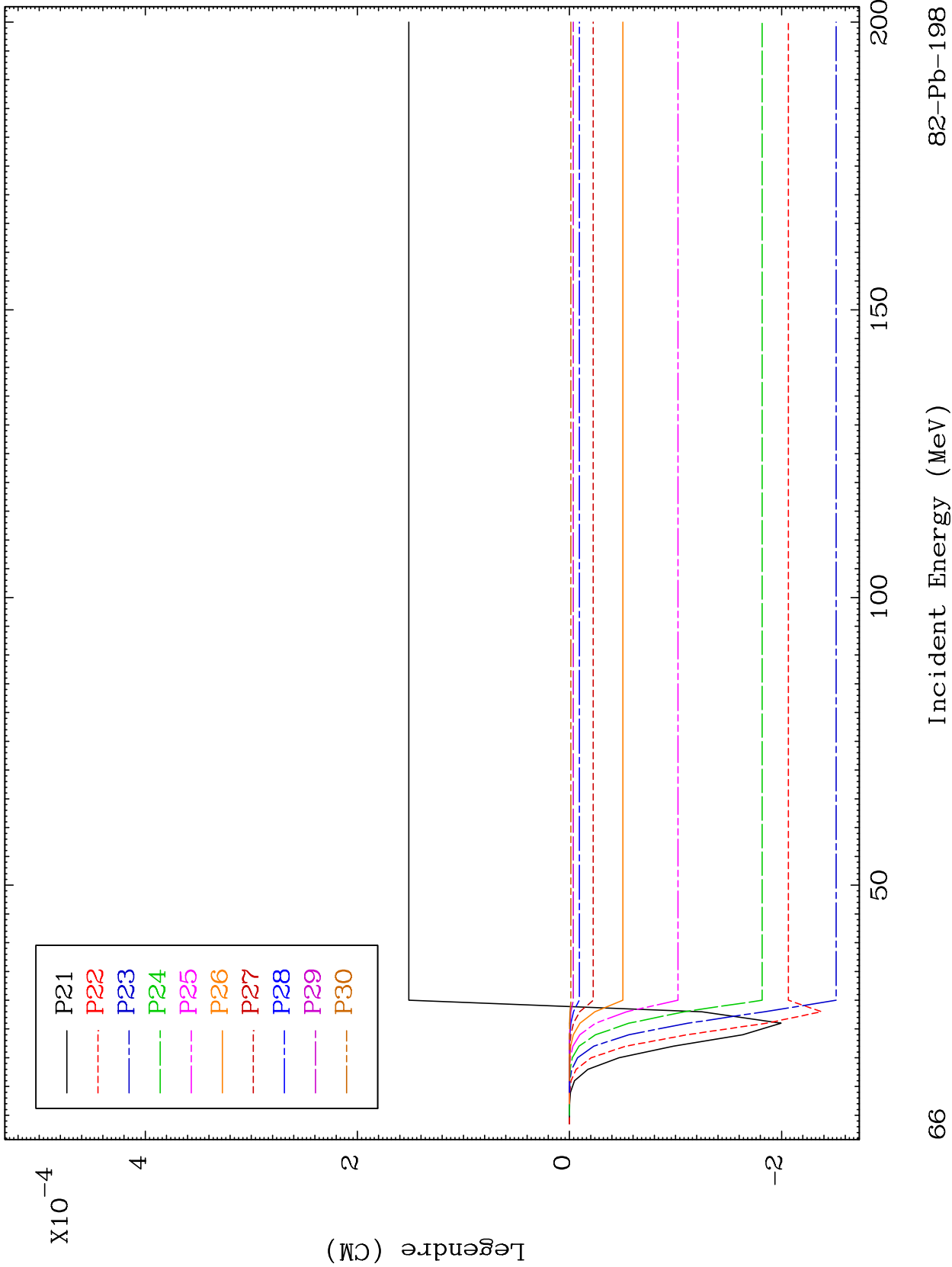
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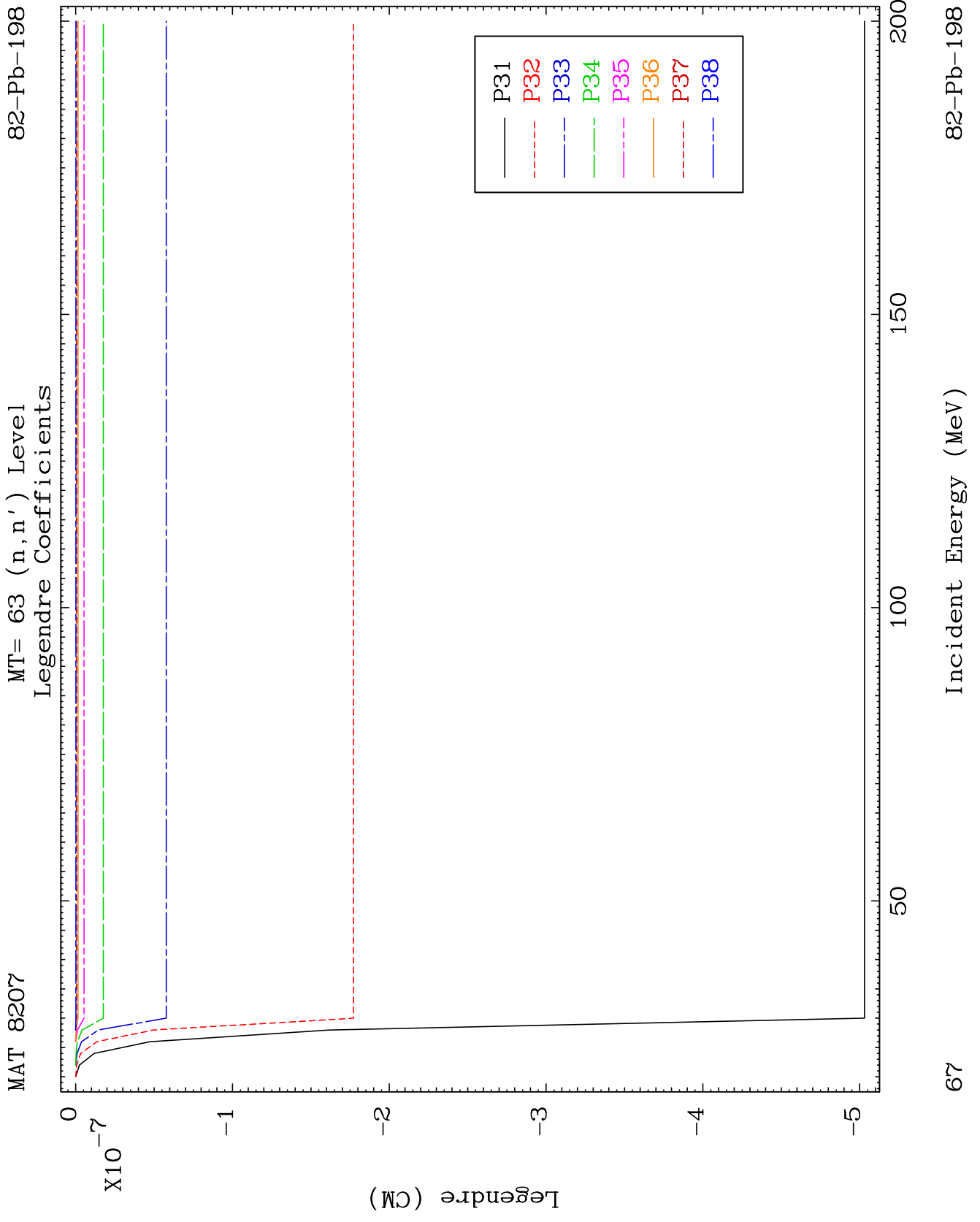


65

Incident Energy (MeV)

82-Pb-198



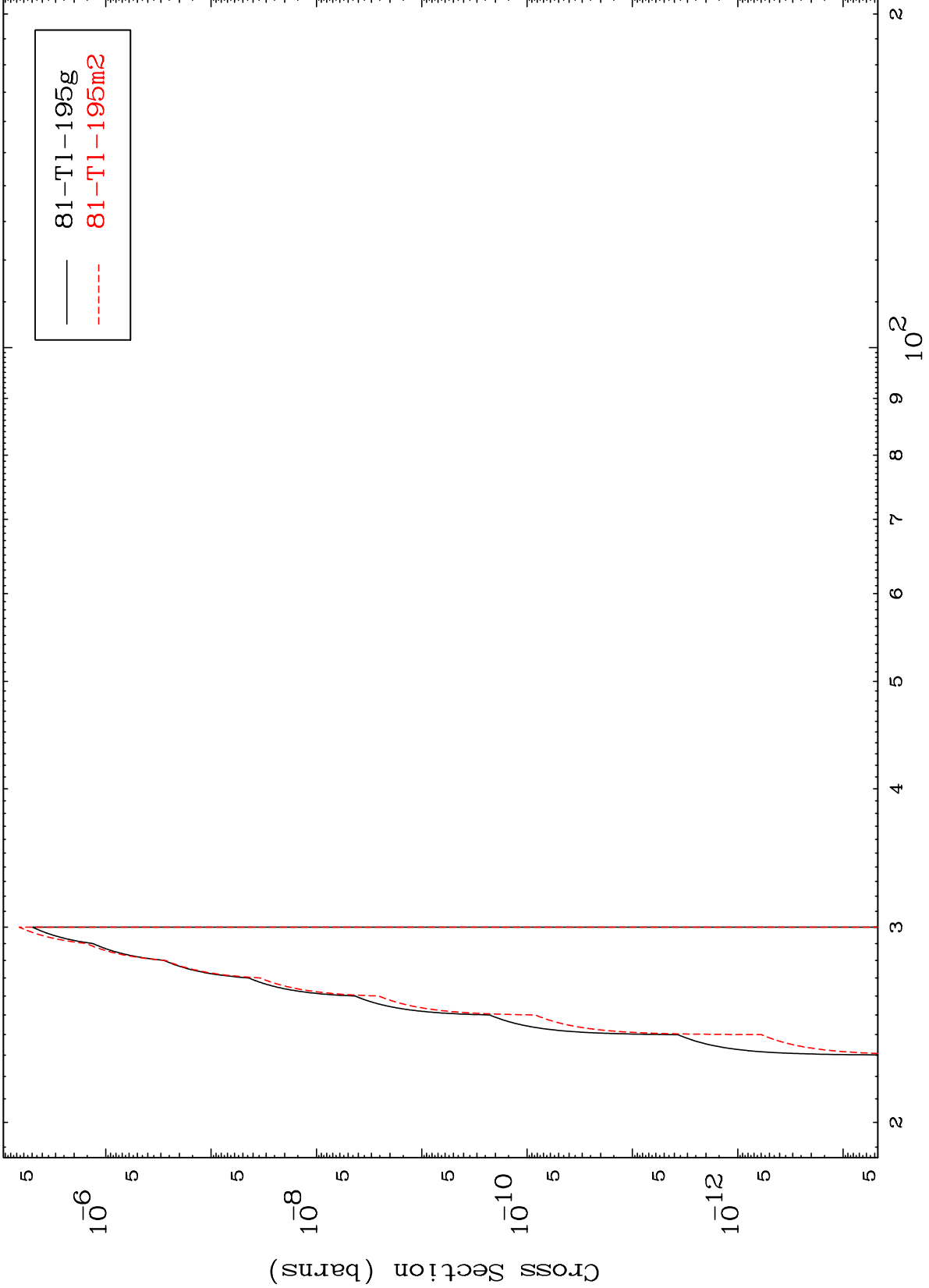


MAT 8207

(n,2n) d

82-Pb-198

Radionuclide Production Cross Section



68

Incident Energy (MeV)

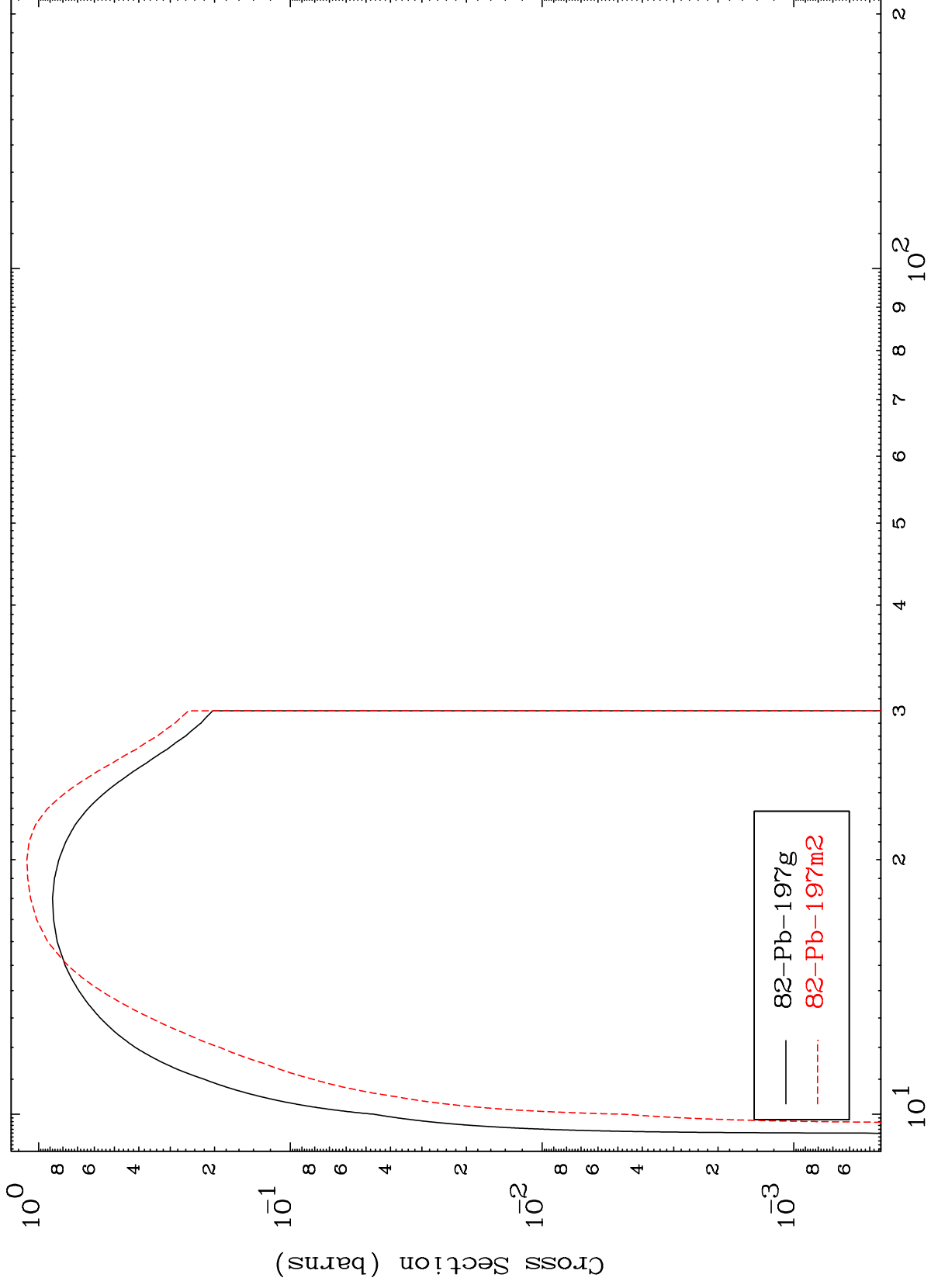
82-Pb-198

MAT 8207

(n,2n)

82-Pb-198

Radionuclide Production Cross Section



69

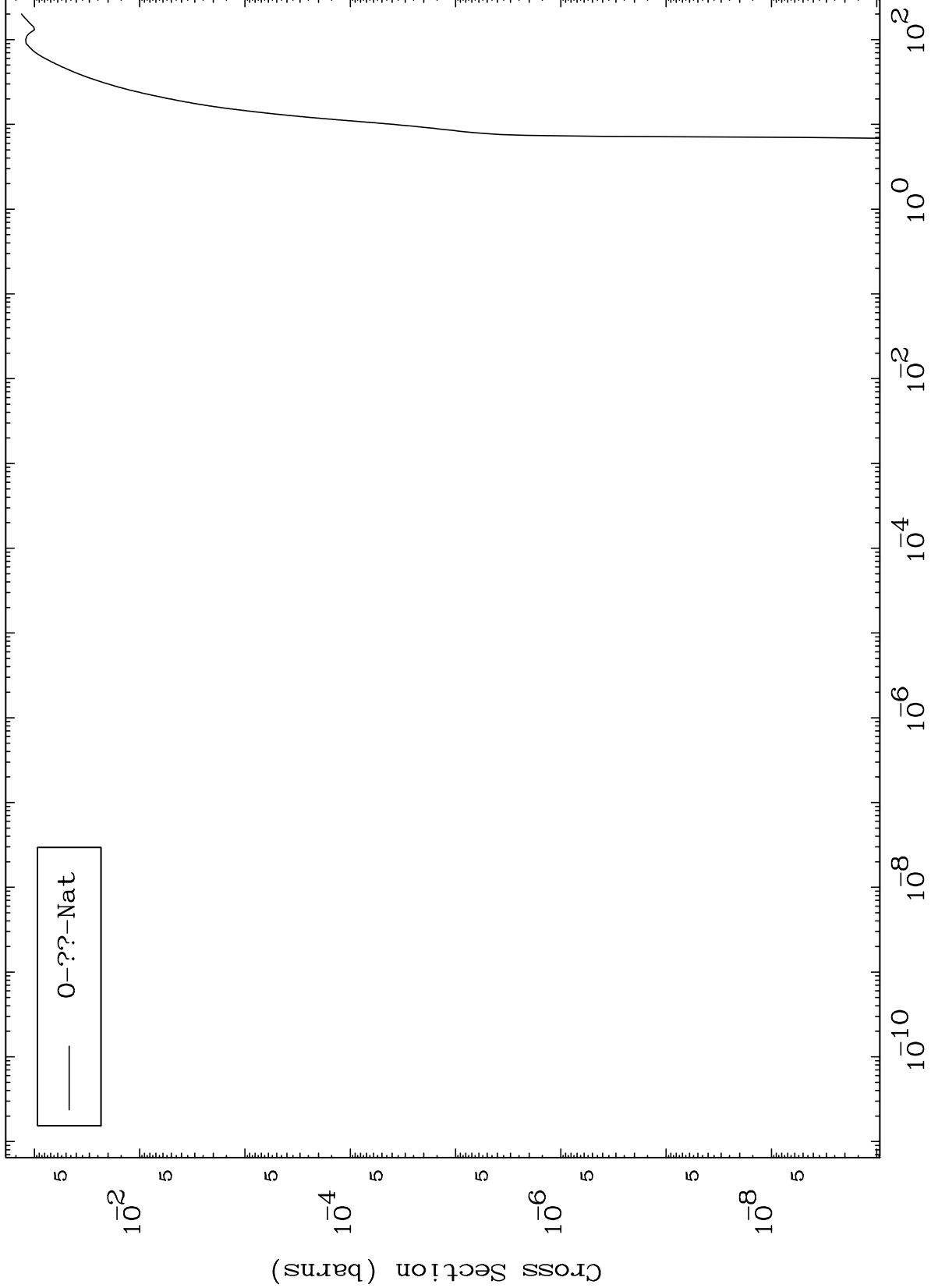
Incident Energy (MeV)

82-Pb-198

MAT 8207

Fission
Radionuclide Production Cross Section

82-Pb-198



70

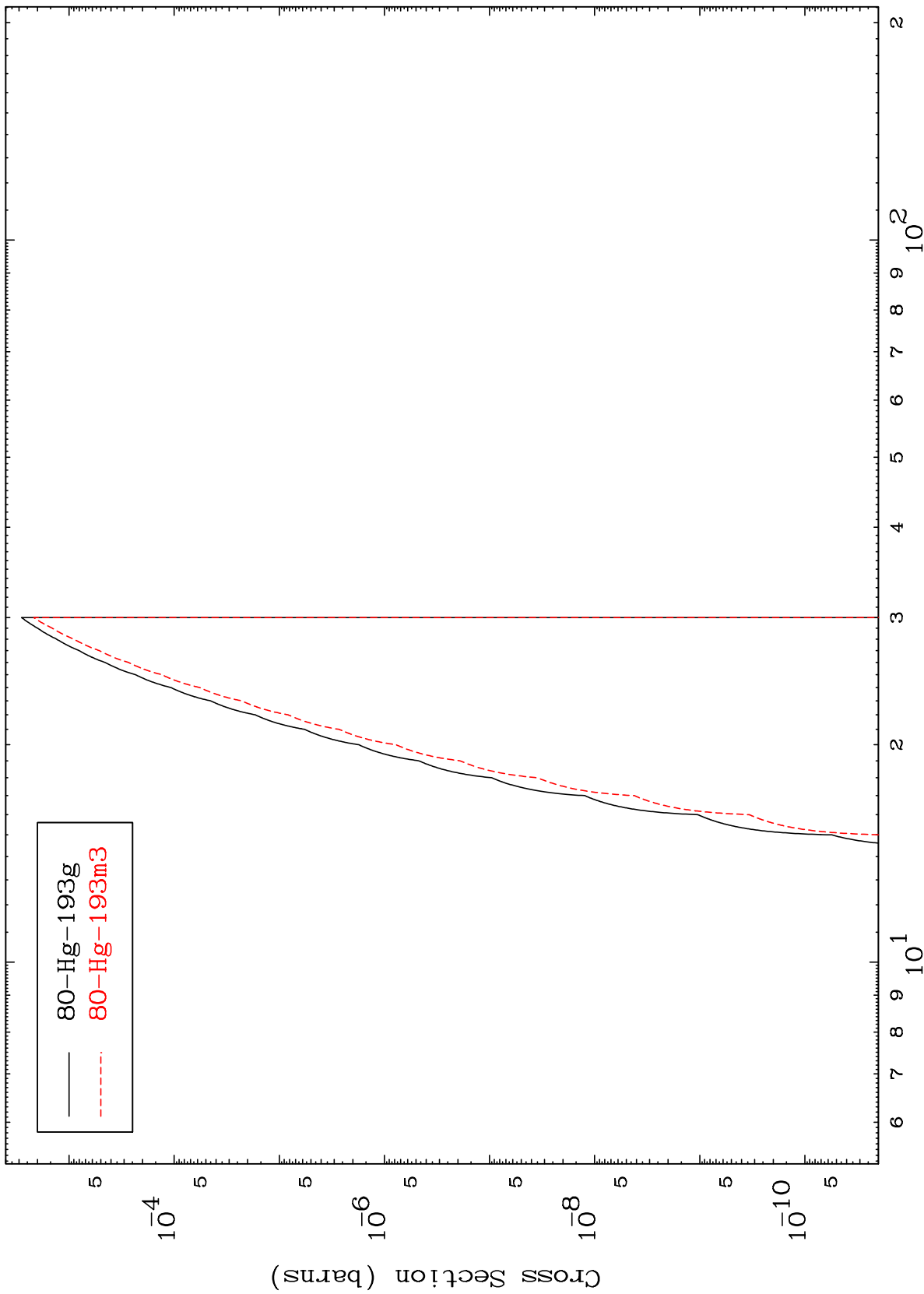
82-Pb-198

MAT 8207

(n,2n) α

82-Pb-198

Radionuclide Production Cross Section

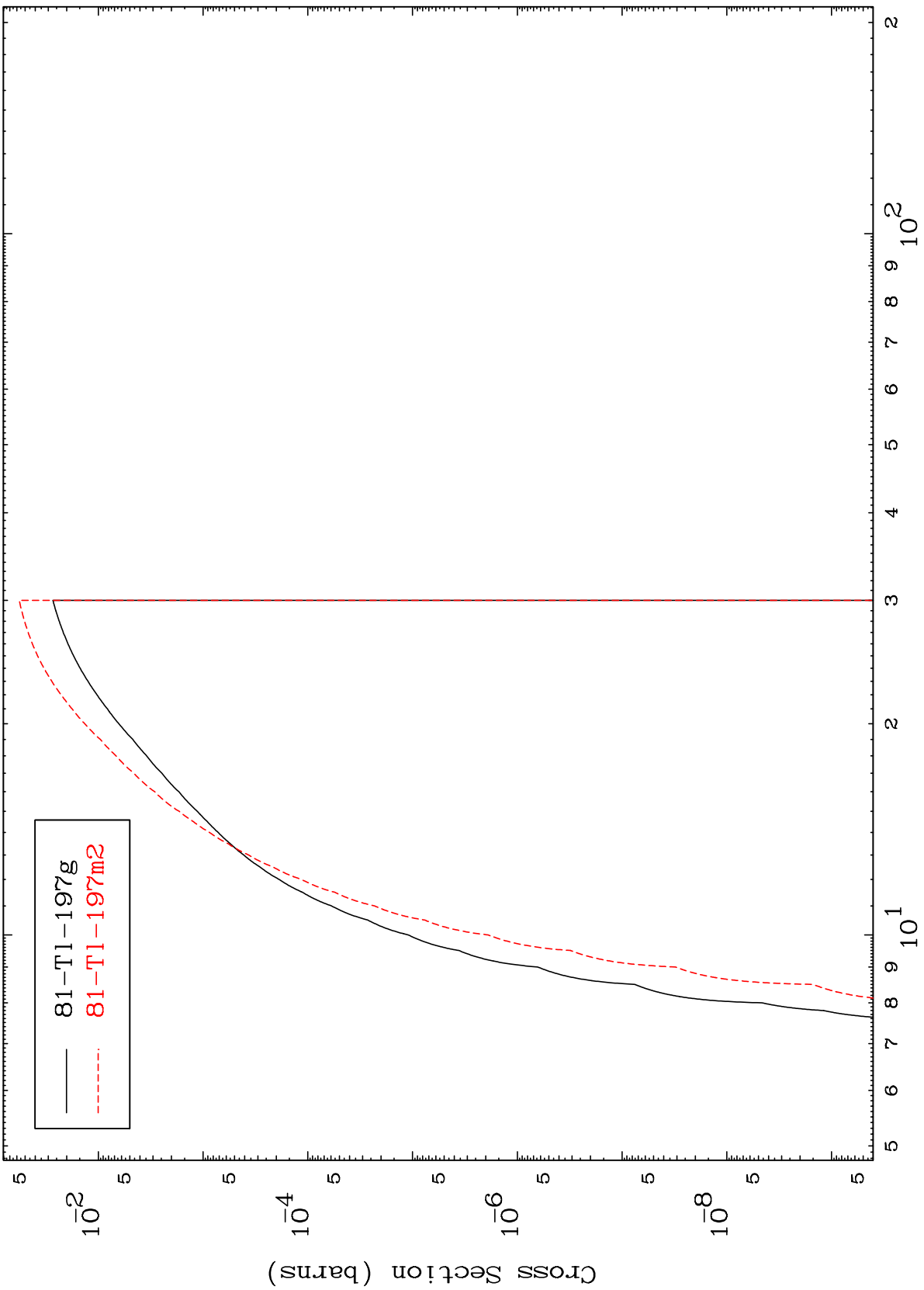


71

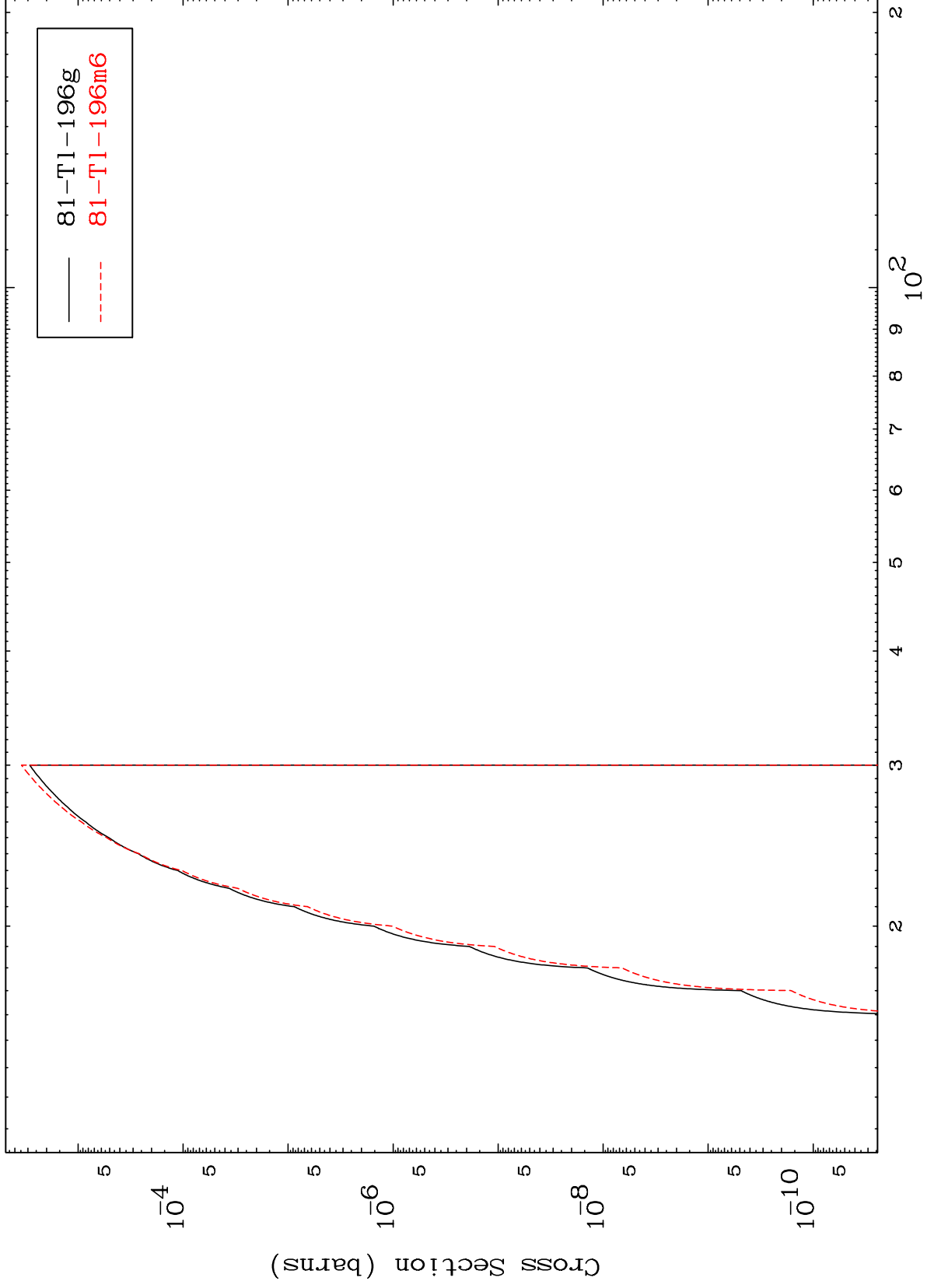
Incident Energy (MeV)

82-Pb-198

Radionuclide Production Cross Section



Radionuclide Production Cross Section

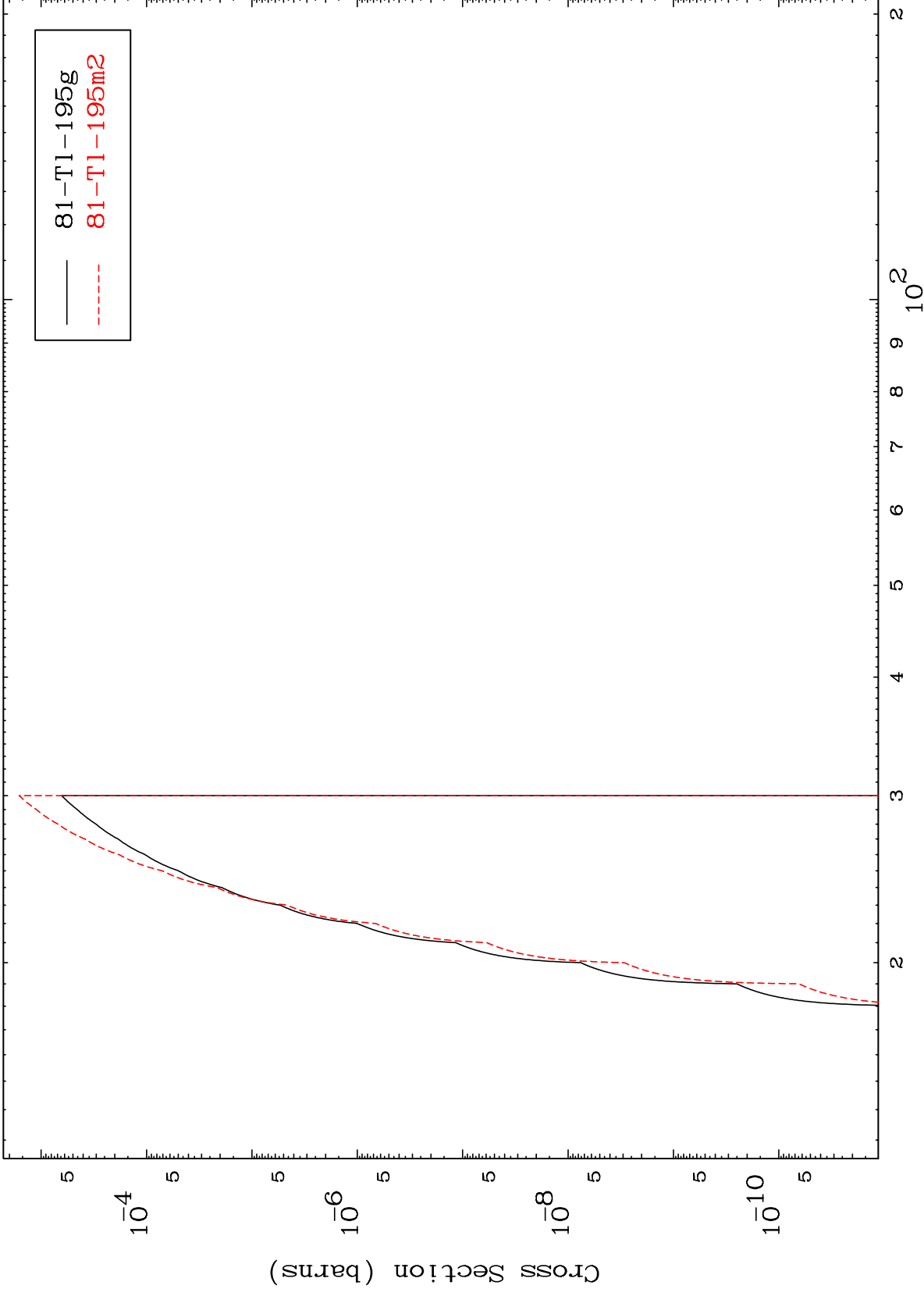


MAT 8207

(n,n') t

82-Pb-198

Radionuclide Production Cross Section



74

Incident Energy (MeV)

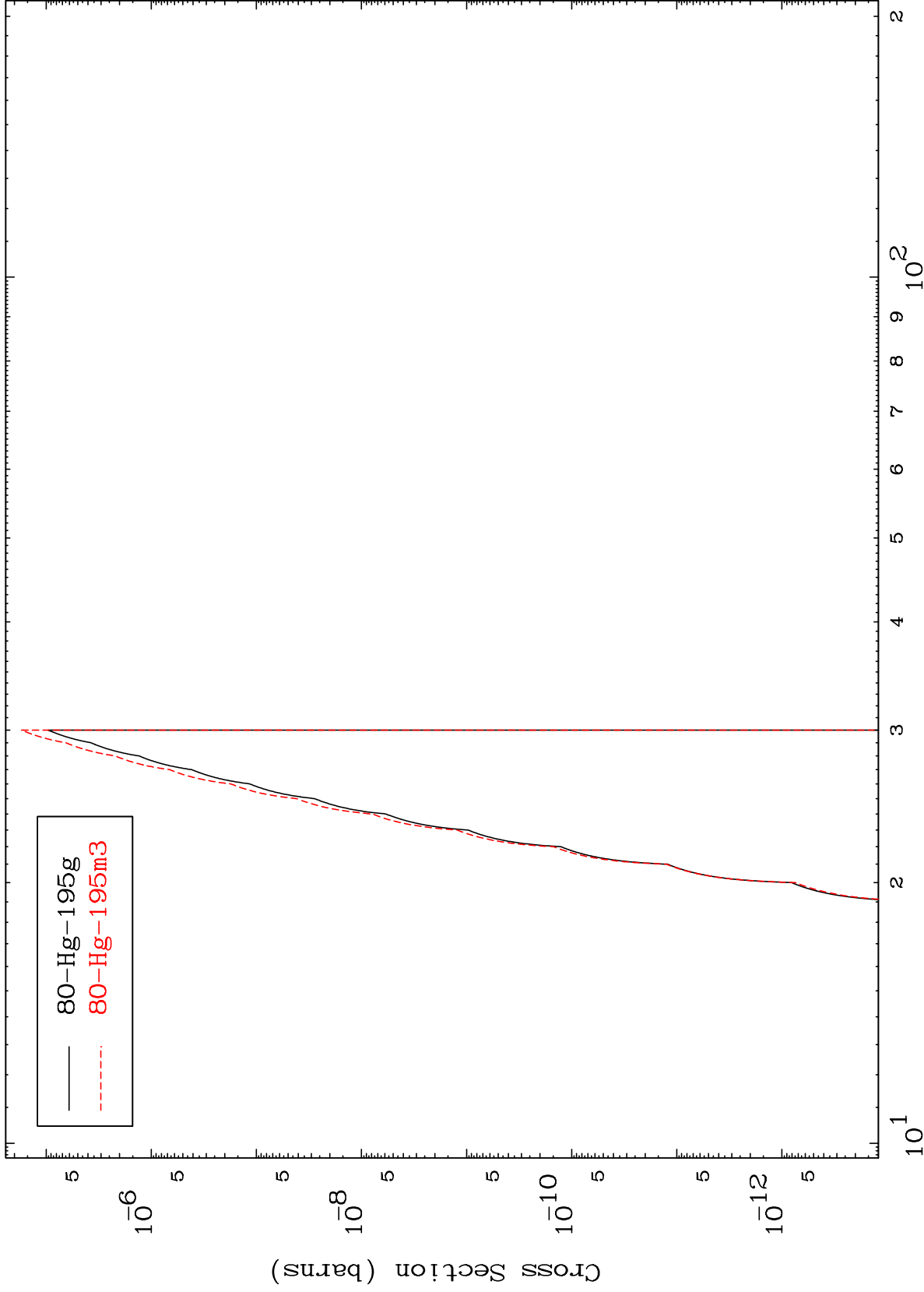
82-Pb-198

MAT 8207

(n,n') He-3

82-Pb-198

Radionuclide Production Cross Section



80-Hg-195g
80-Hg-195m3

75

Incident Energy (MeV)

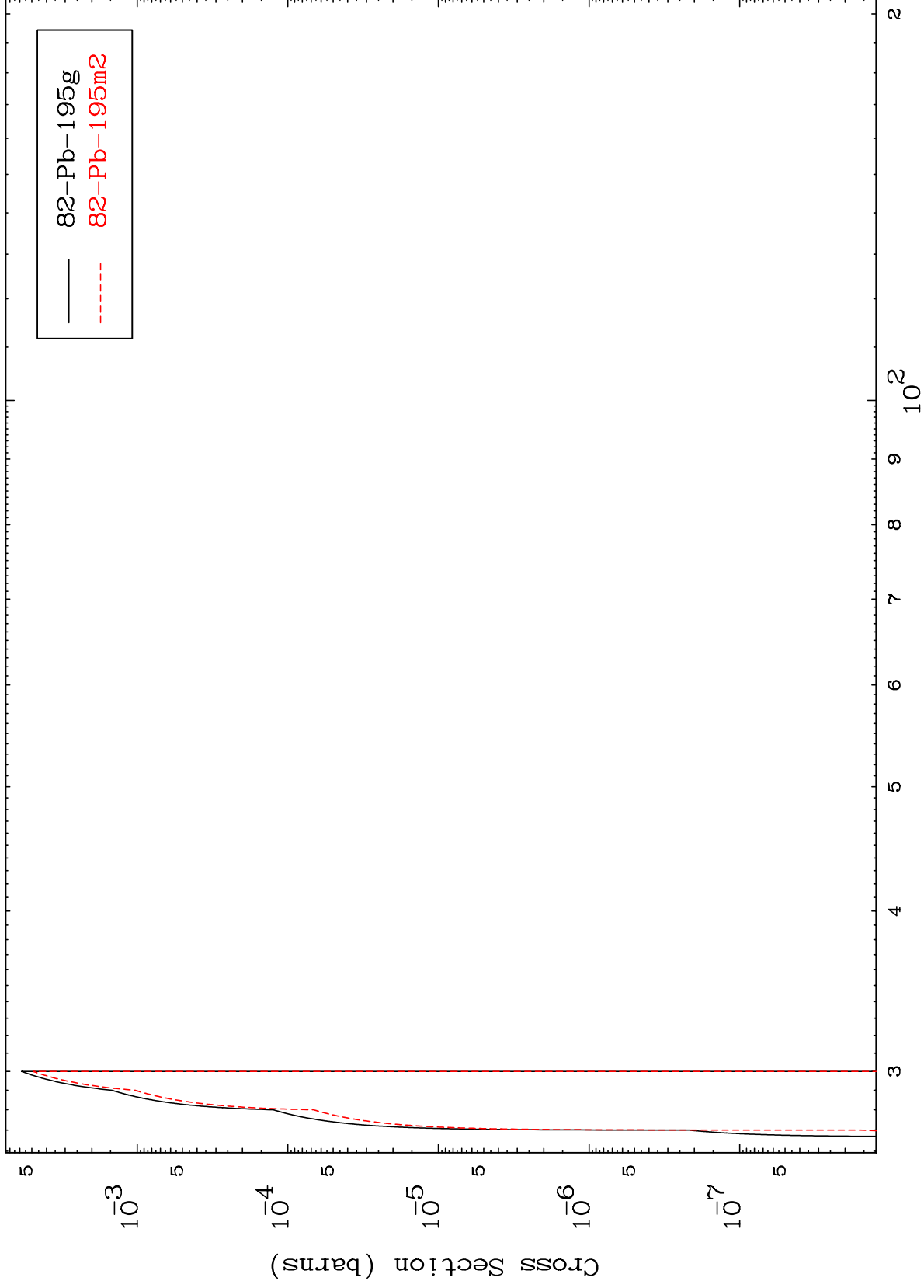
82-Pb-198

MAT 8207

(n,4n)

82-Pb-198

Radionuclide Production Cross Section

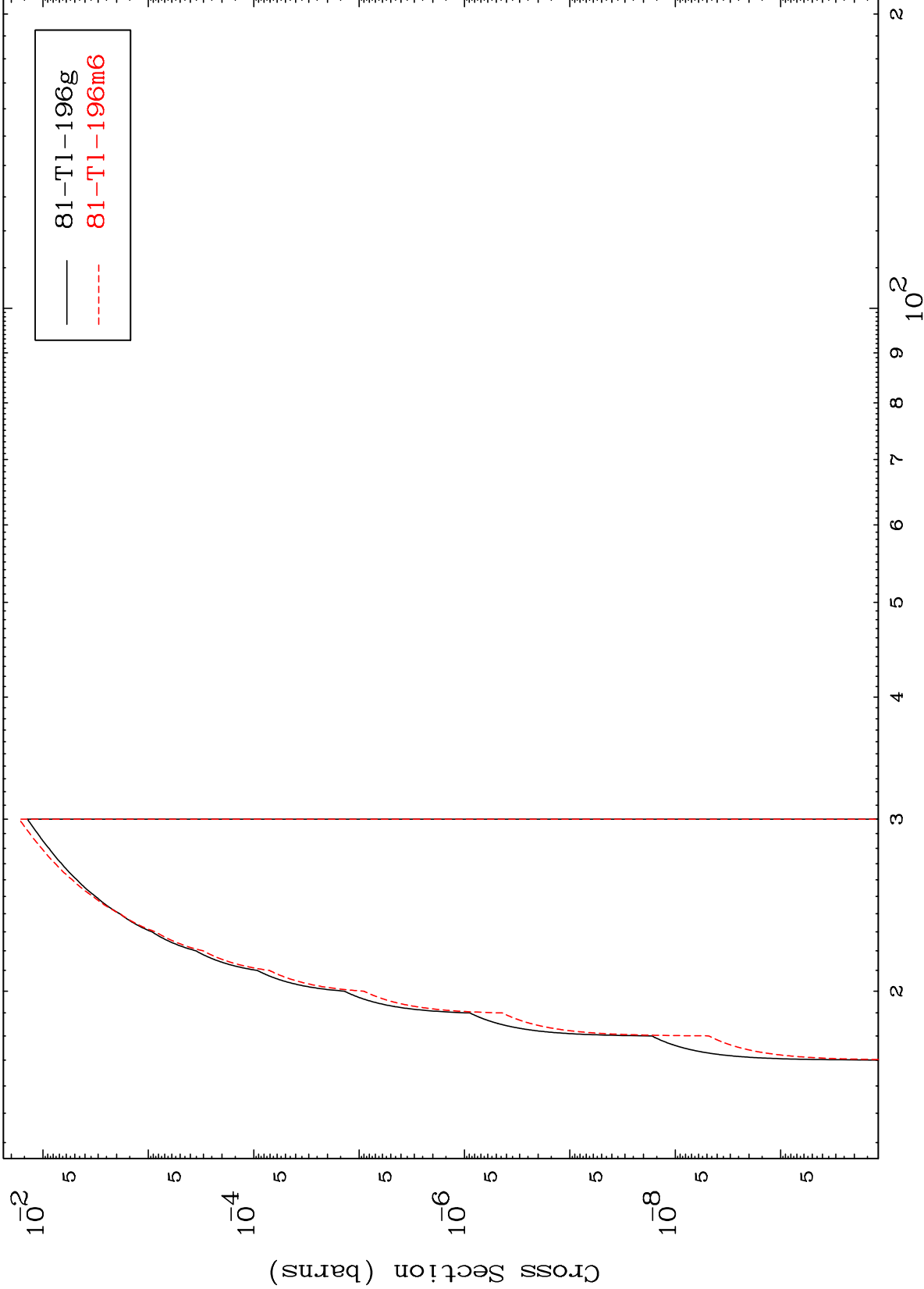


76

Incident Energy (MeV)

82-Pb-198

Radionuclide Production Cross Section

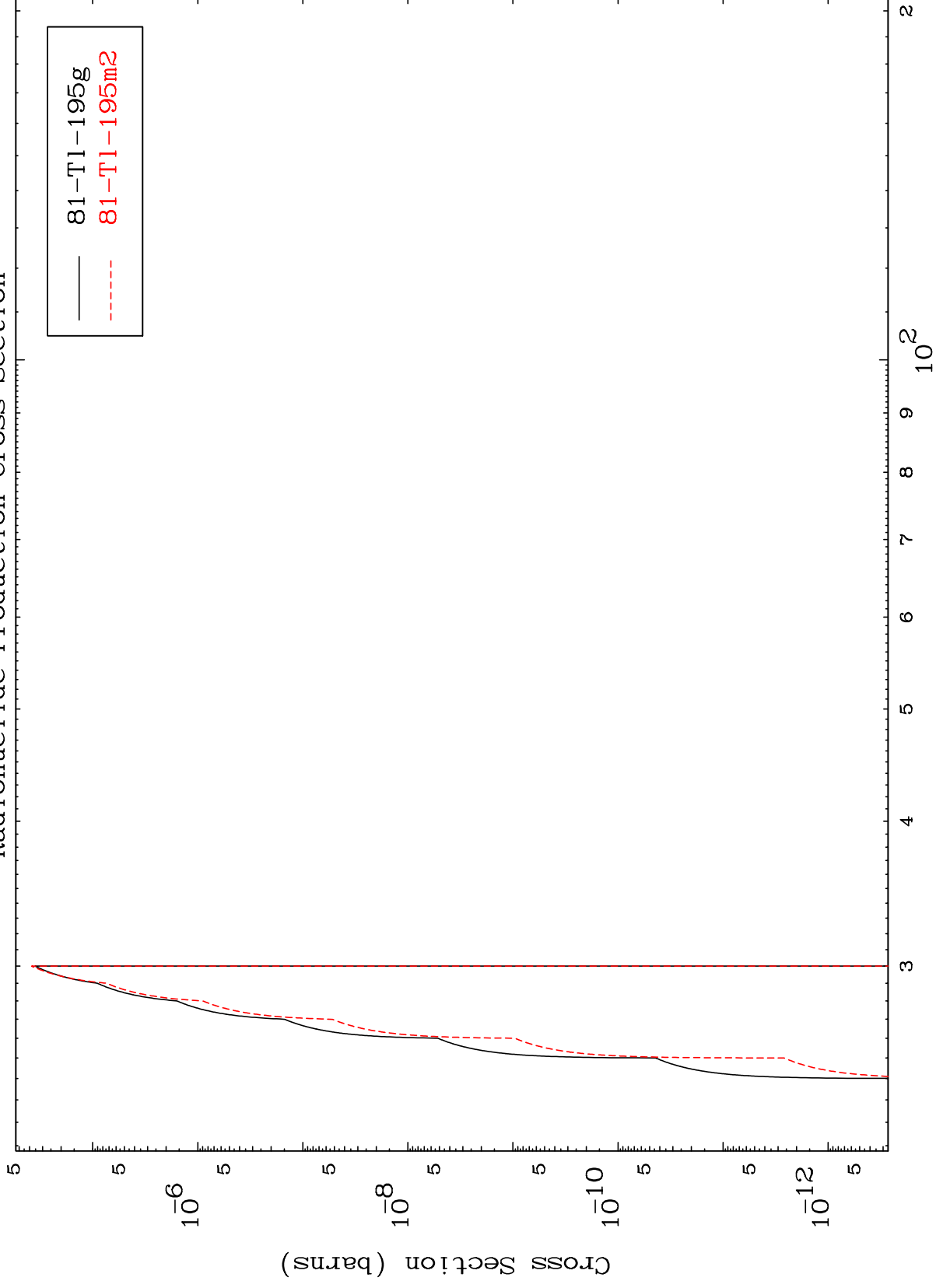


MAT 8207

(n,3n) p

82-Pb-198

Radionuclide Production Cross Section



78

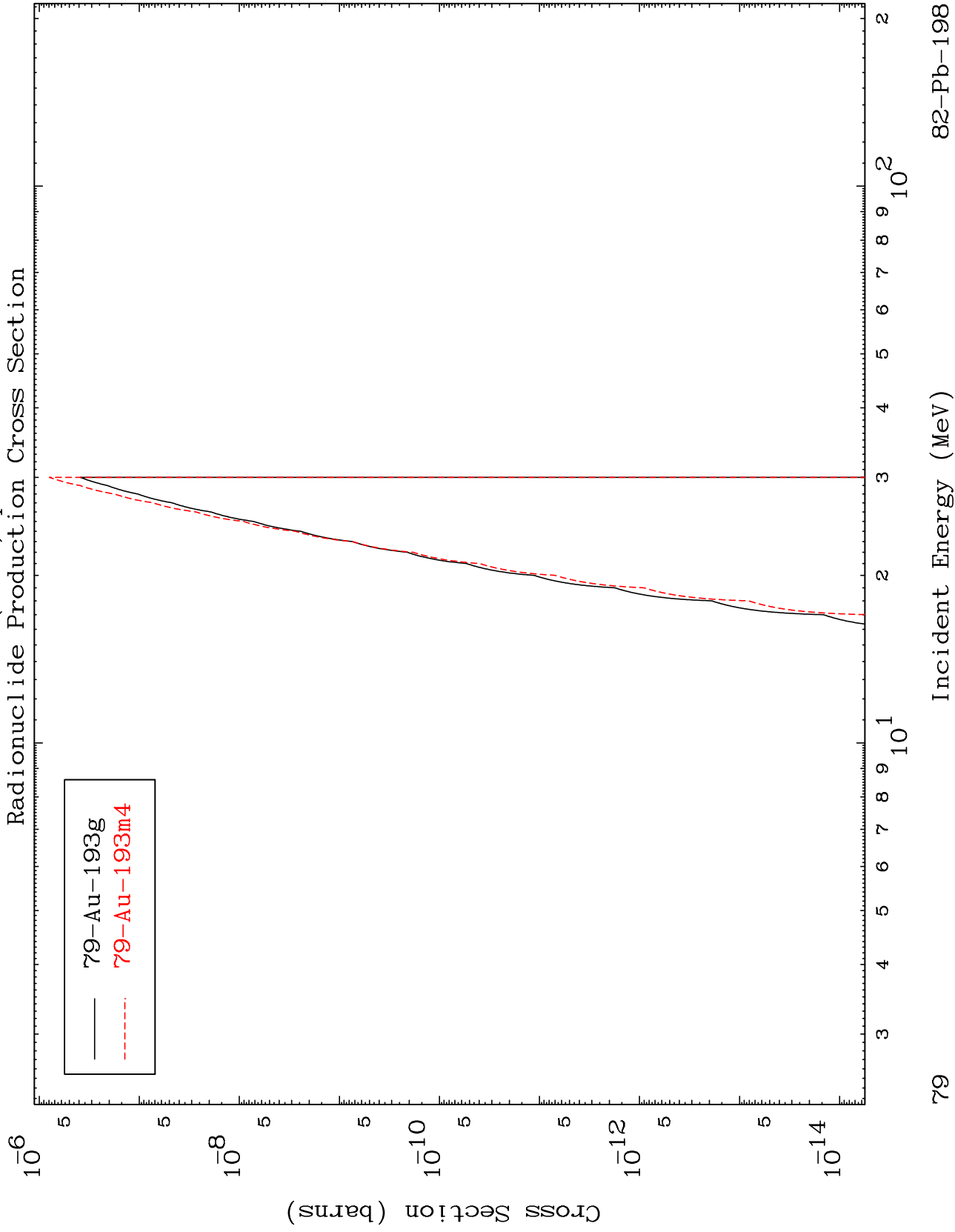
Incident Energy (MeV)

82-Pb-198

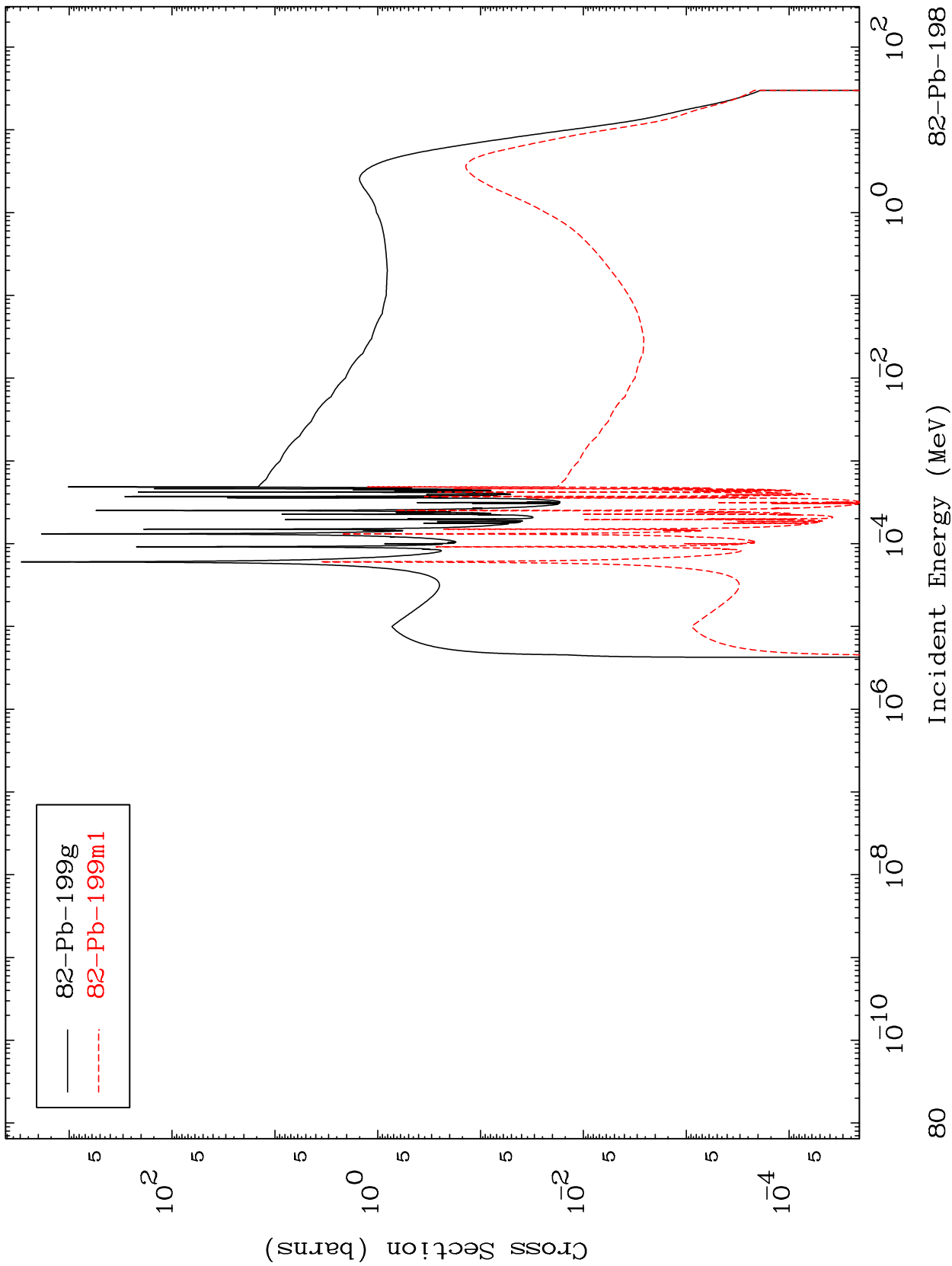
MAT 8207

(n,n') p α

82-Pb-198



(n, γ)
Radionuclide Production Cross Section

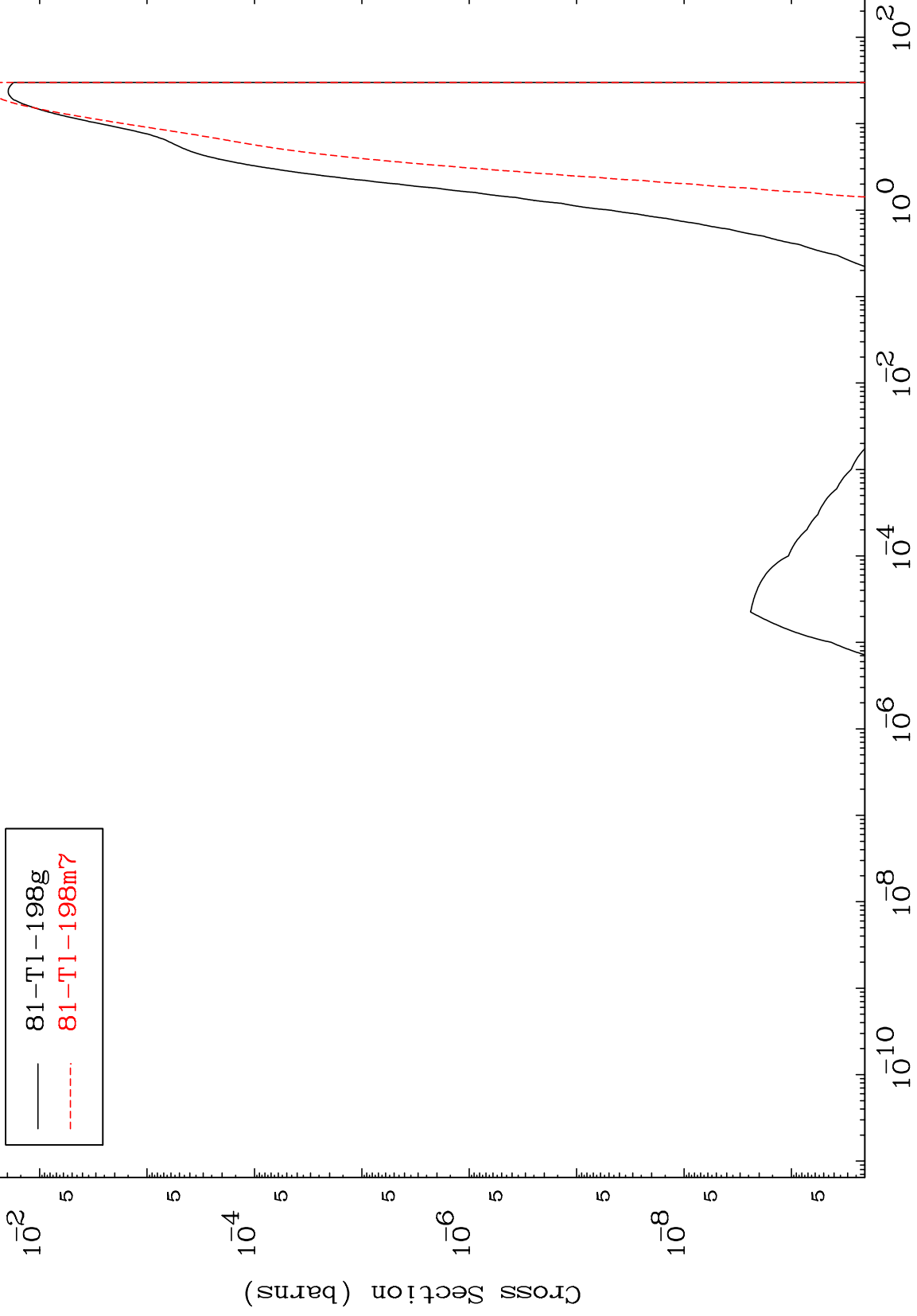


MAT 8207

(n,p)

82-Pb-198

Radionuclide Production Cross Section



81

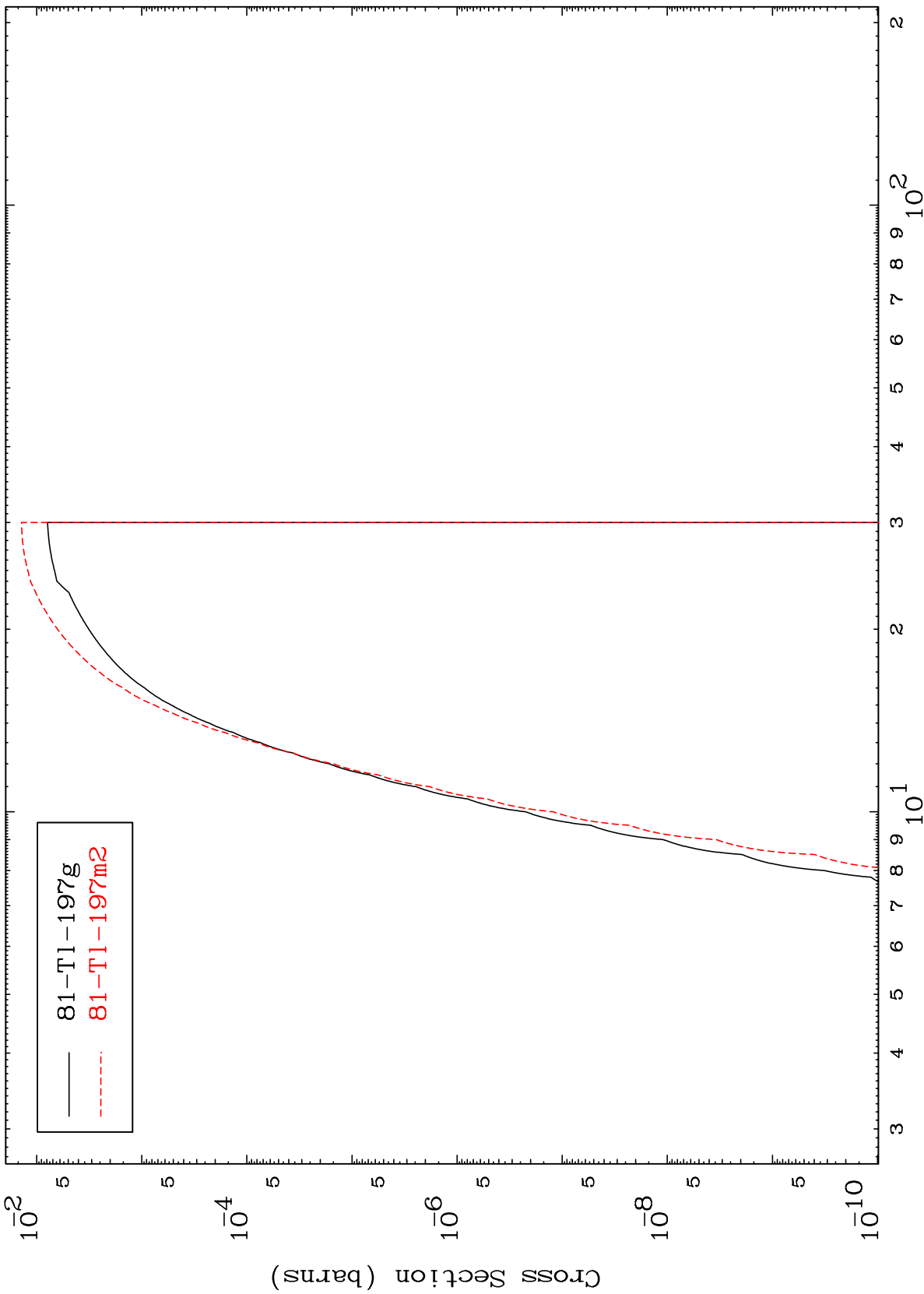
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

(n,d)
Radionuclide Production Cross Section



82

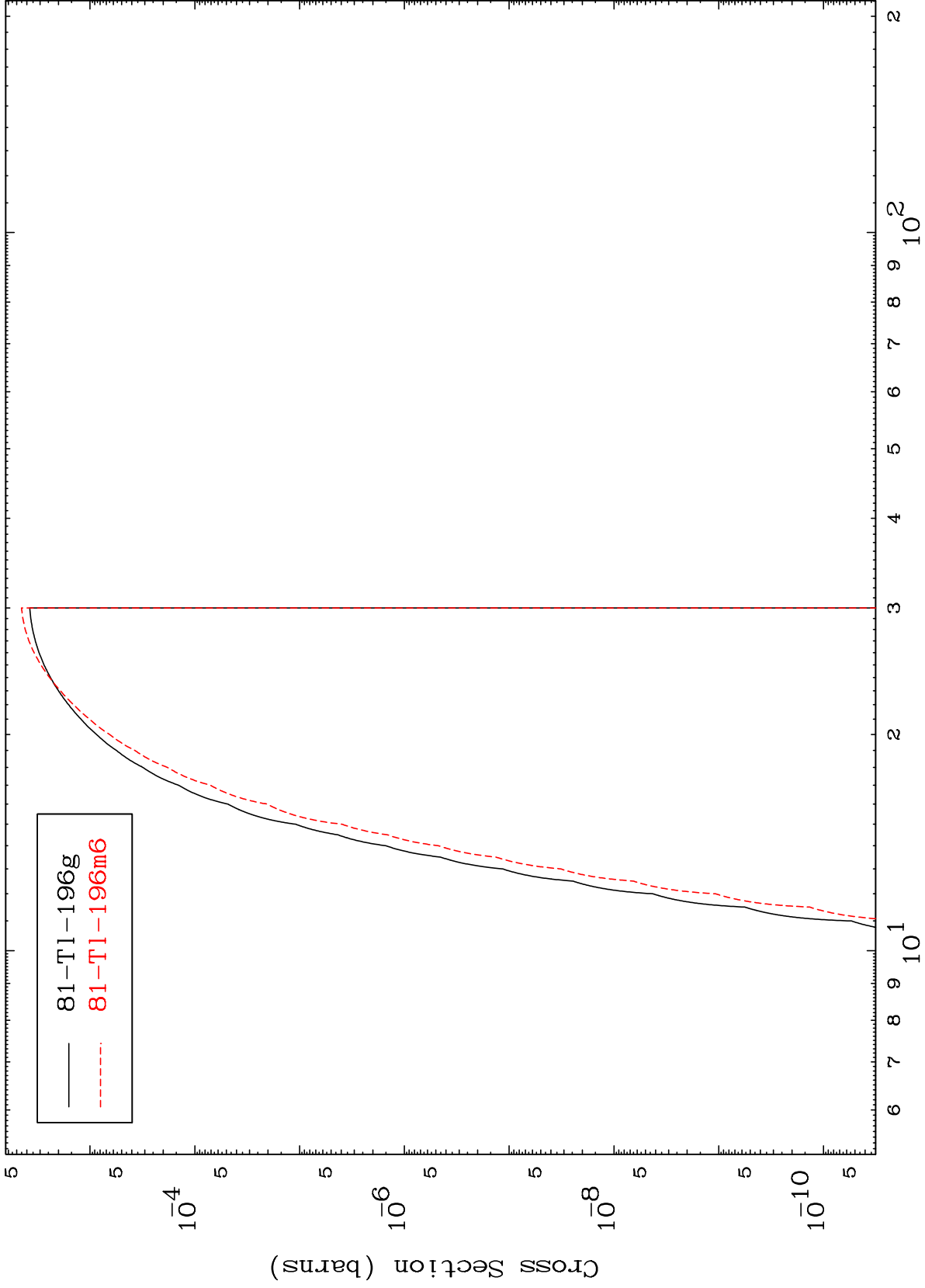
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

(n, t)
Radionuclide Production Cross Section



83

Incident Energy (MeV)

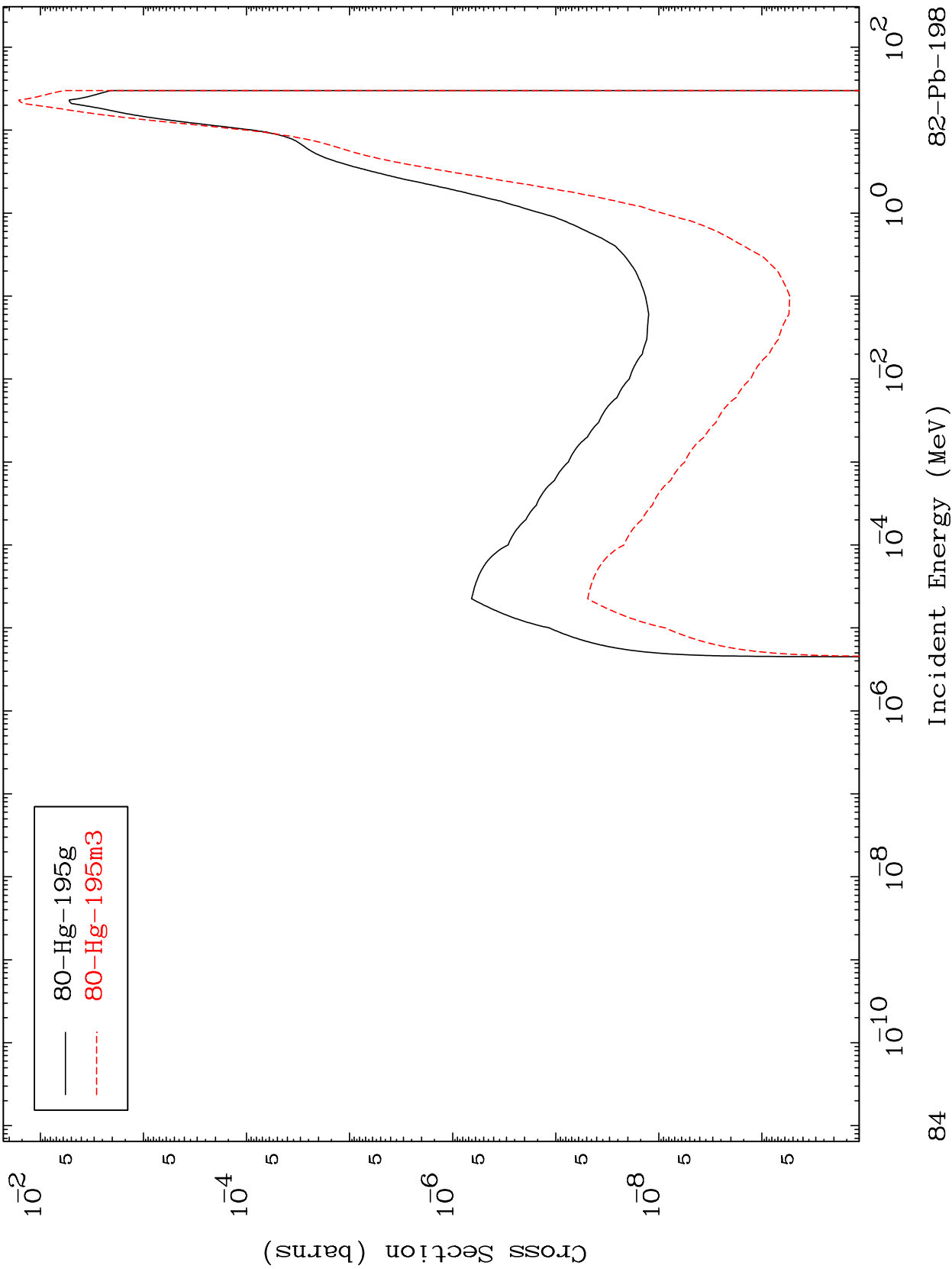
82-Pb-198

MAT 8207

(n, α)

82-Pb-198

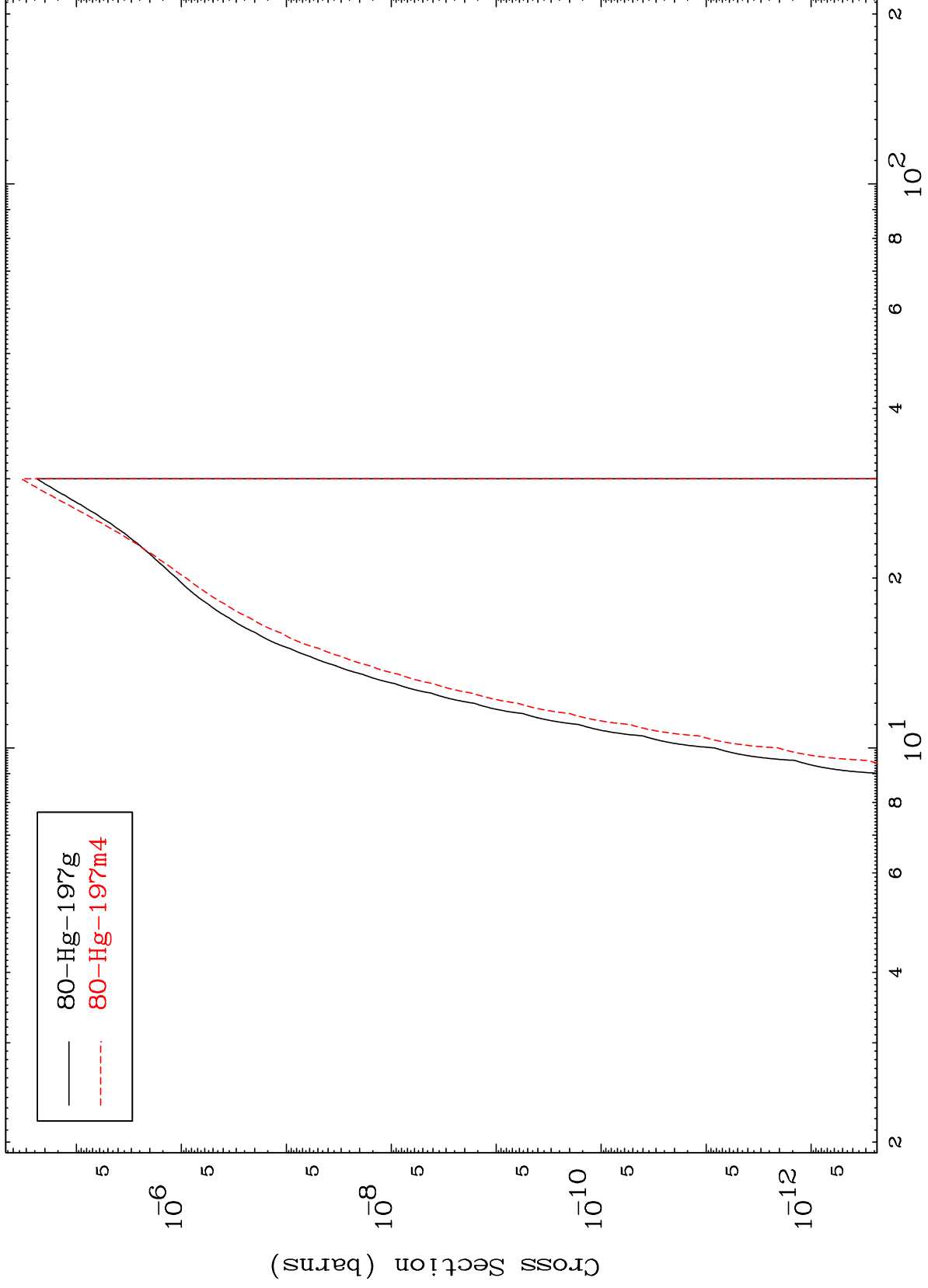
Radionuclide Production Cross Section



MAT 8207

82-Pb-198

(n,2p)
Radionuclide Production Cross Section

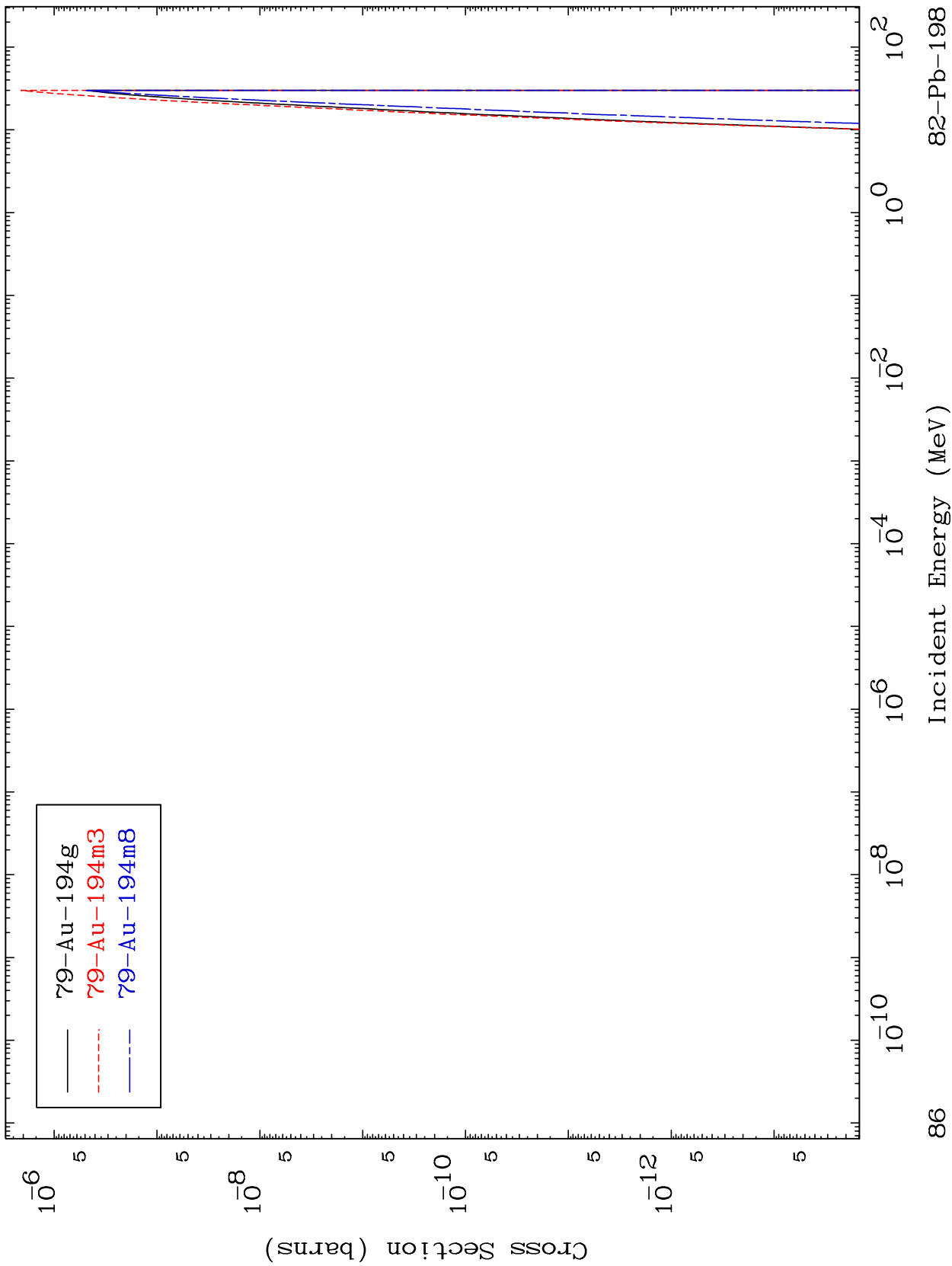


85

82-Pb-198

Incident Energy (MeV)

Radionuclide Production Cross Section

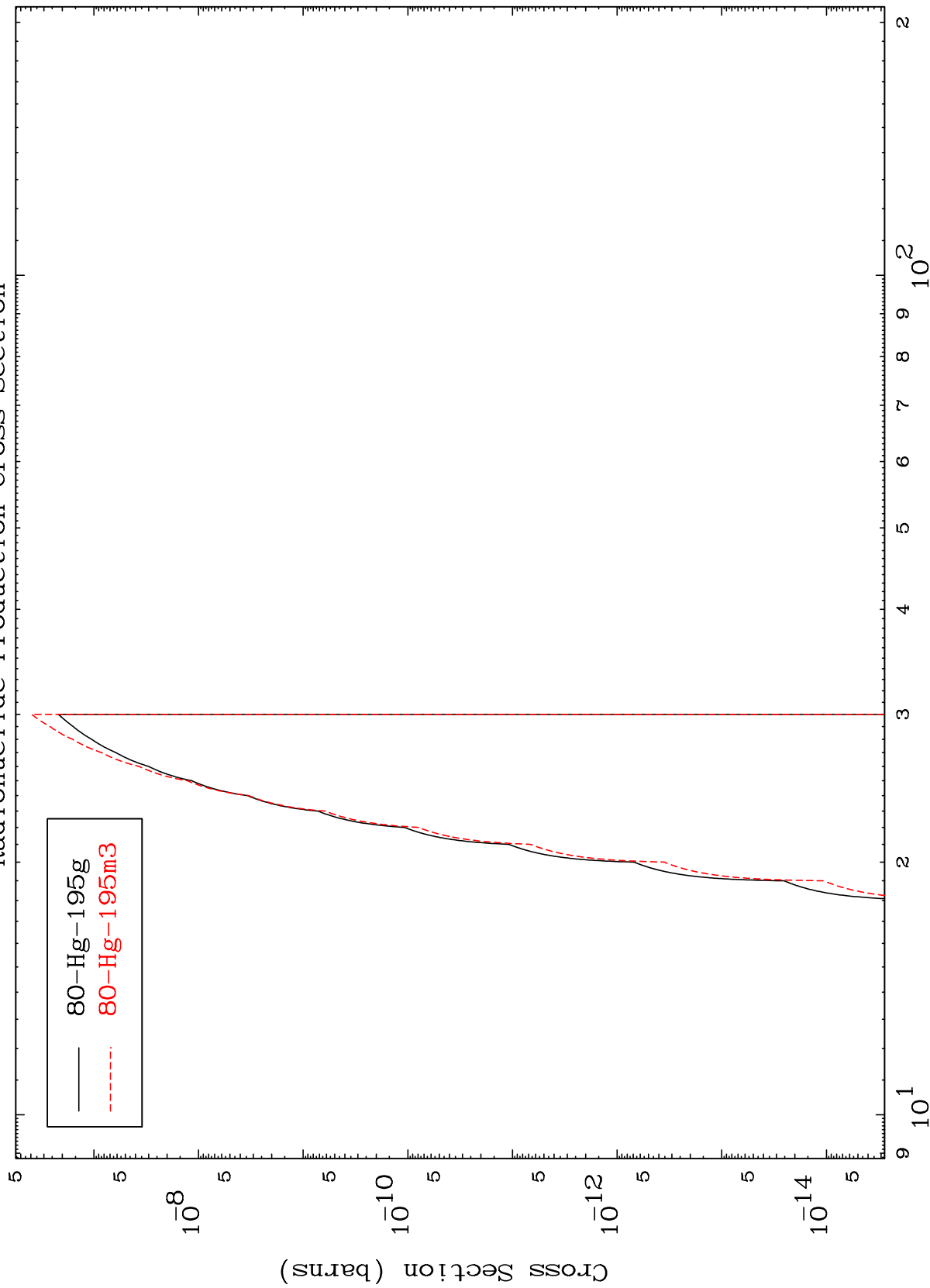


MAT 8207

(n,p) t

82-Pb-198

Radionuclide Production Cross Section



87

Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,d) α

82-Pb-198

