

Program EVALPLOT
(Version 2015-2)

by

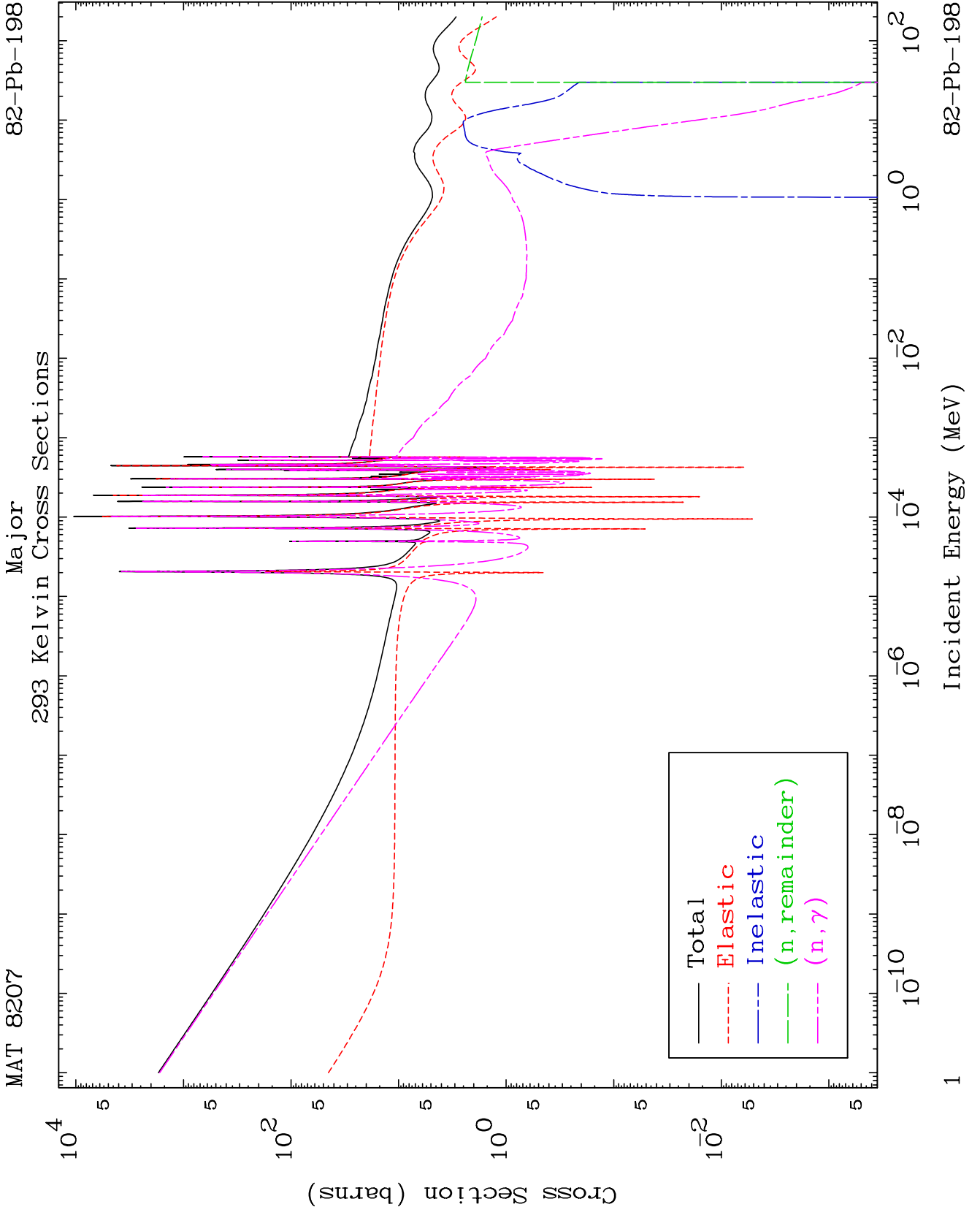
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(Present Contact Information)

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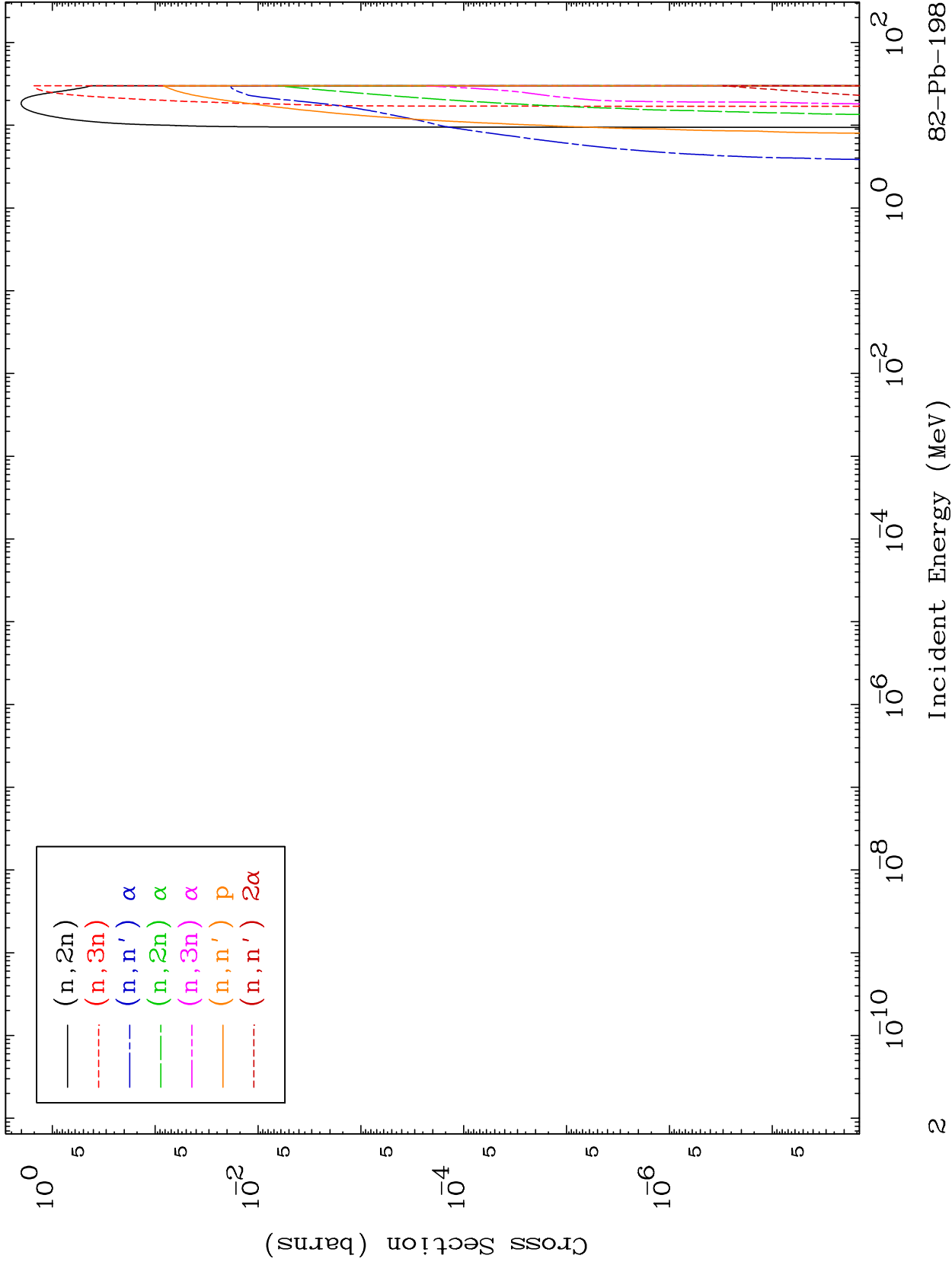
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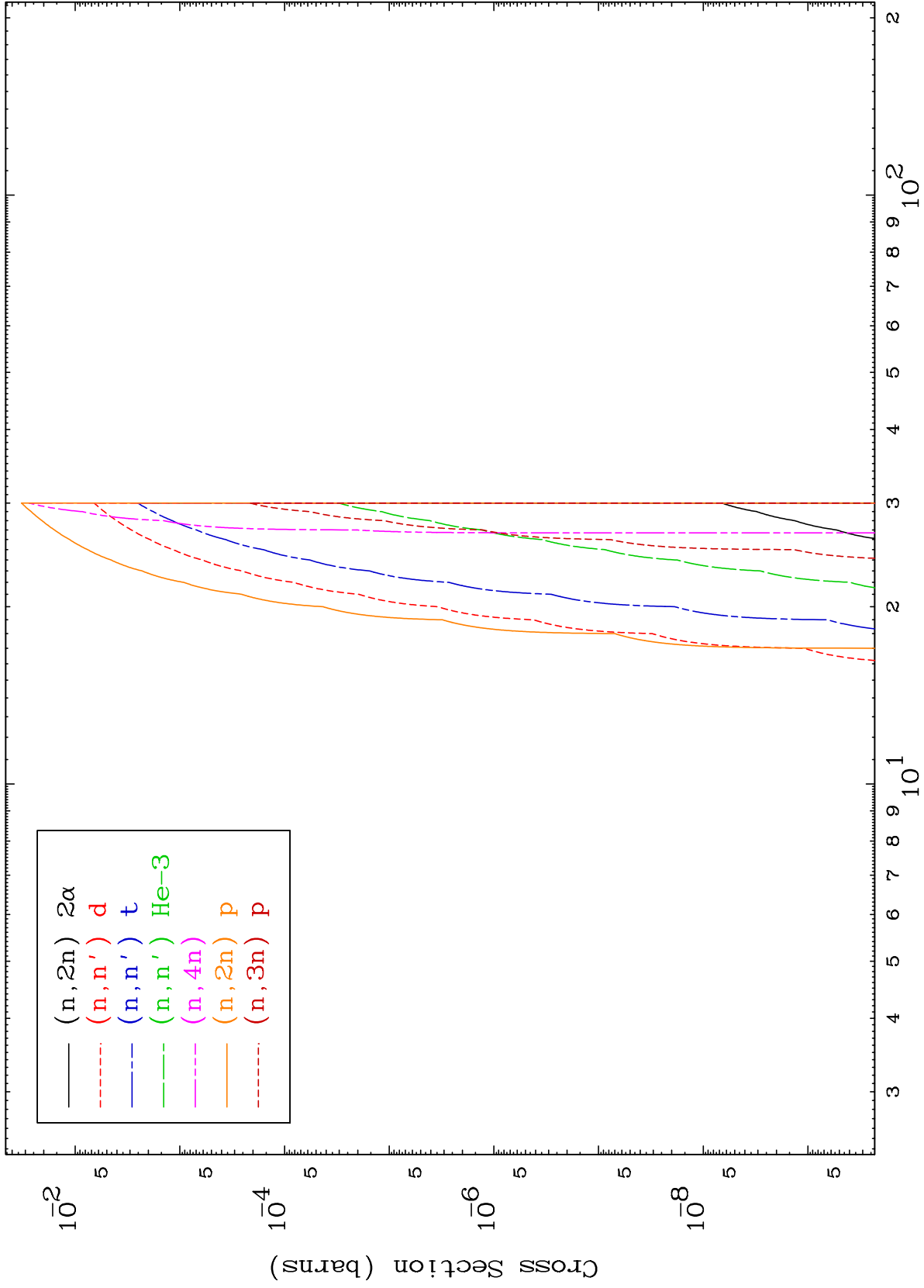


MAT 8207

Neutron Production
293 Kelvin Cross Sections

82-Pb-198

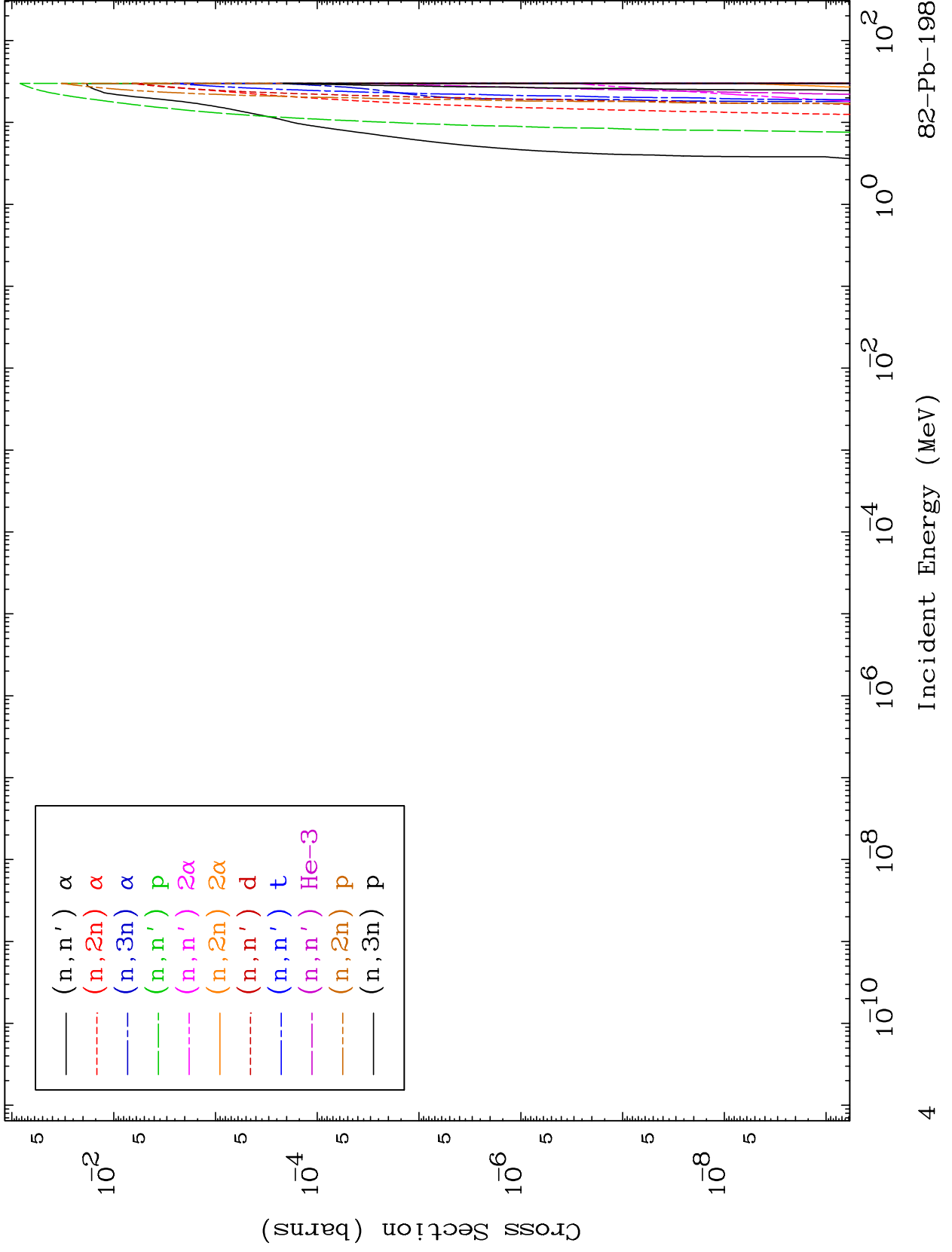




MAT 8207

Charged Particle
293 Kelvin Cross Sections

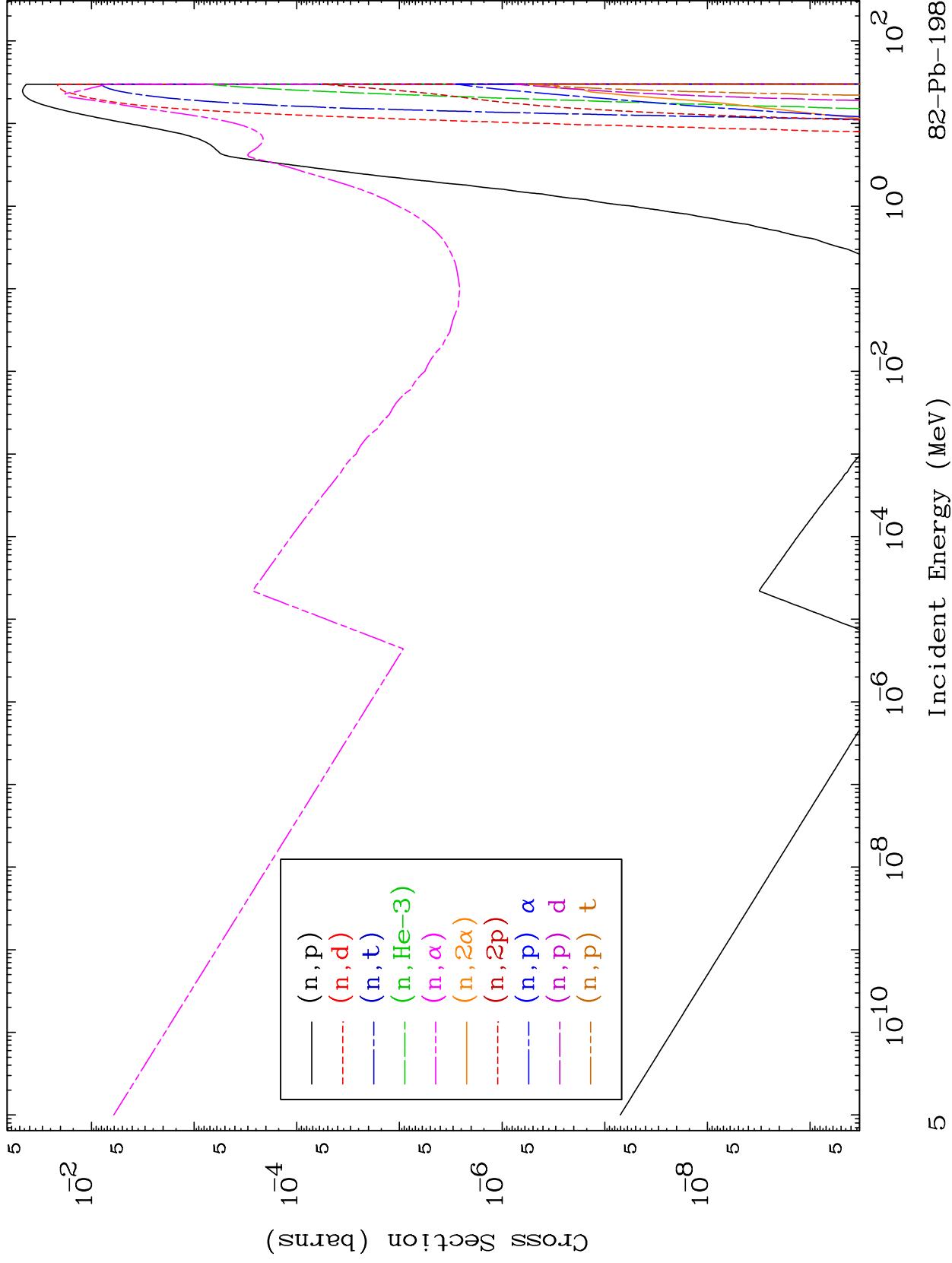
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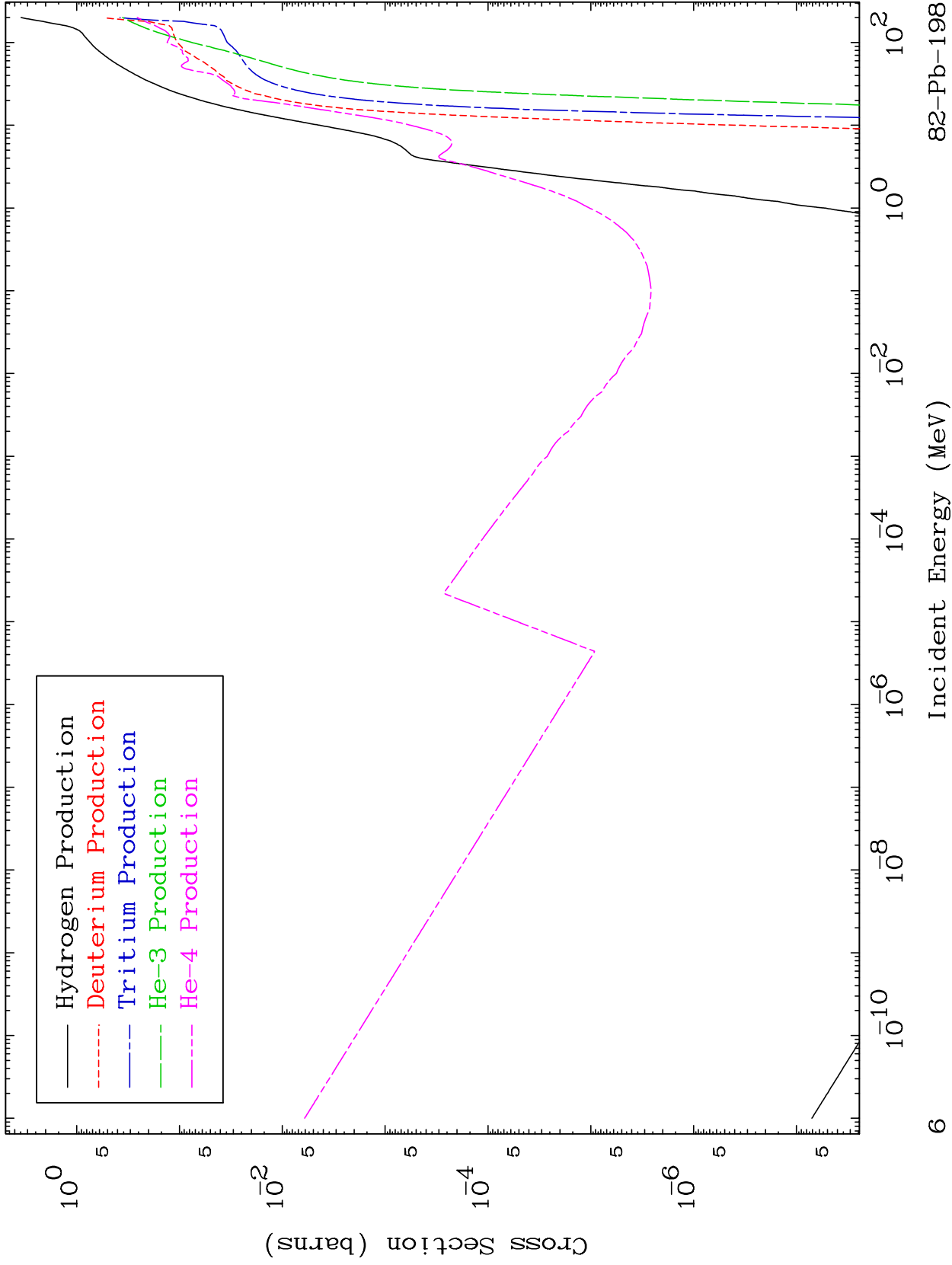
MAT 8207

Charged Particle
293 Kelvin Cross Sections

82-Pb-198



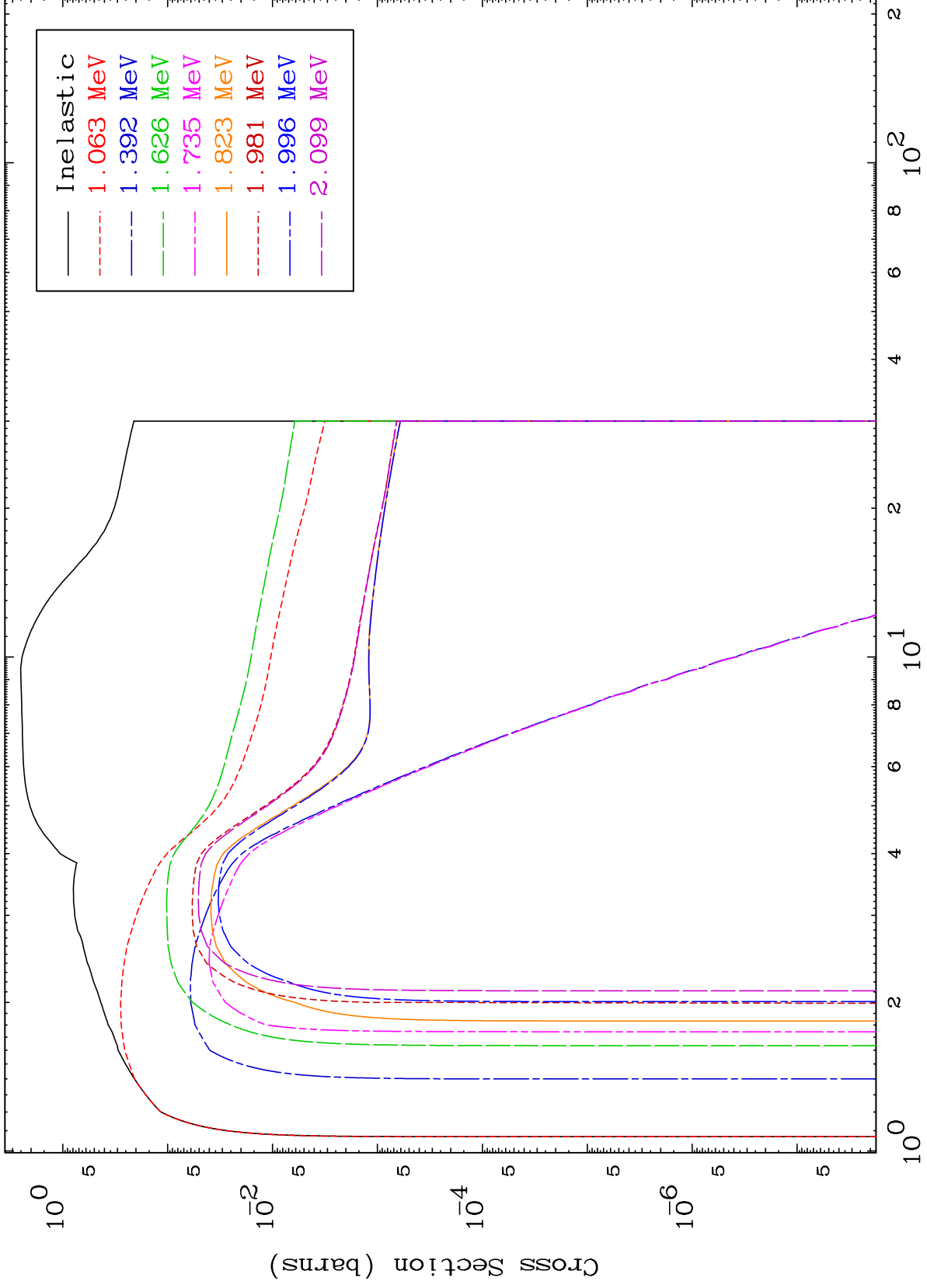
5



MAT 8207

(n,n') Level
293 Kelvin Cross Sections

82-Pb-198



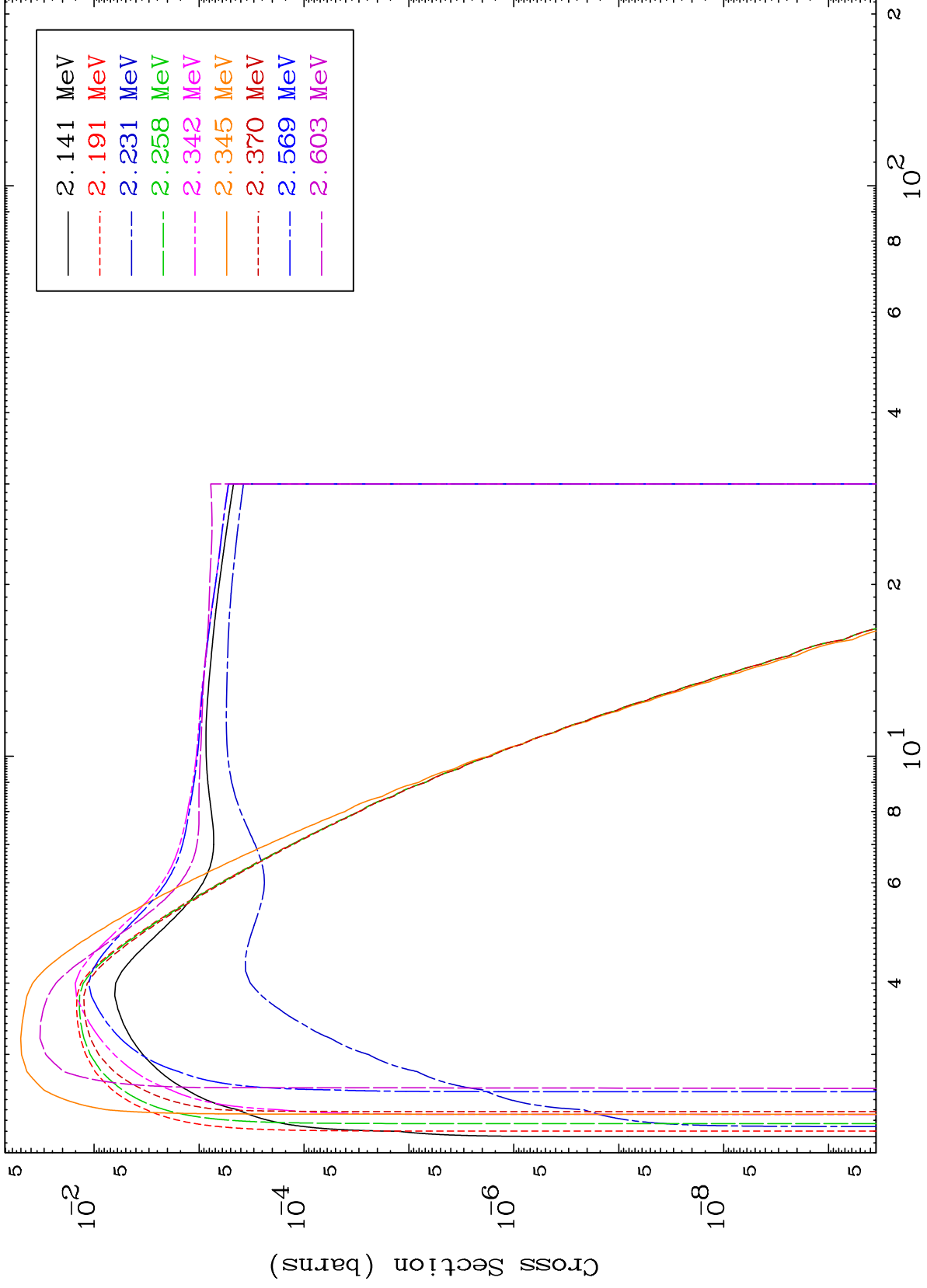
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,n') Level
293 Kelvin Cross Sections

82-Pb-198



8

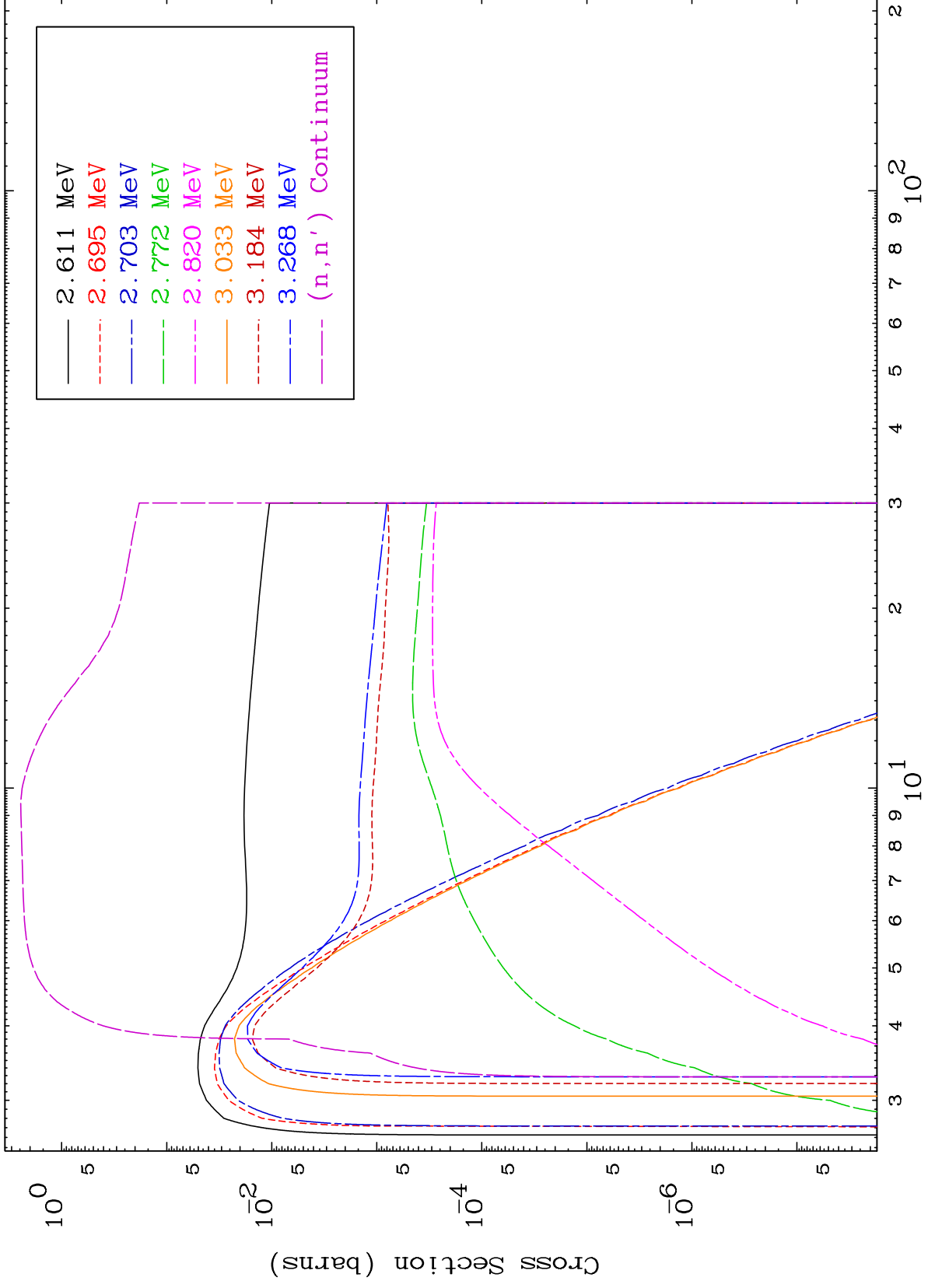
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,n') Level
293 Kelvin Cross Sections

82-Pb-198



9

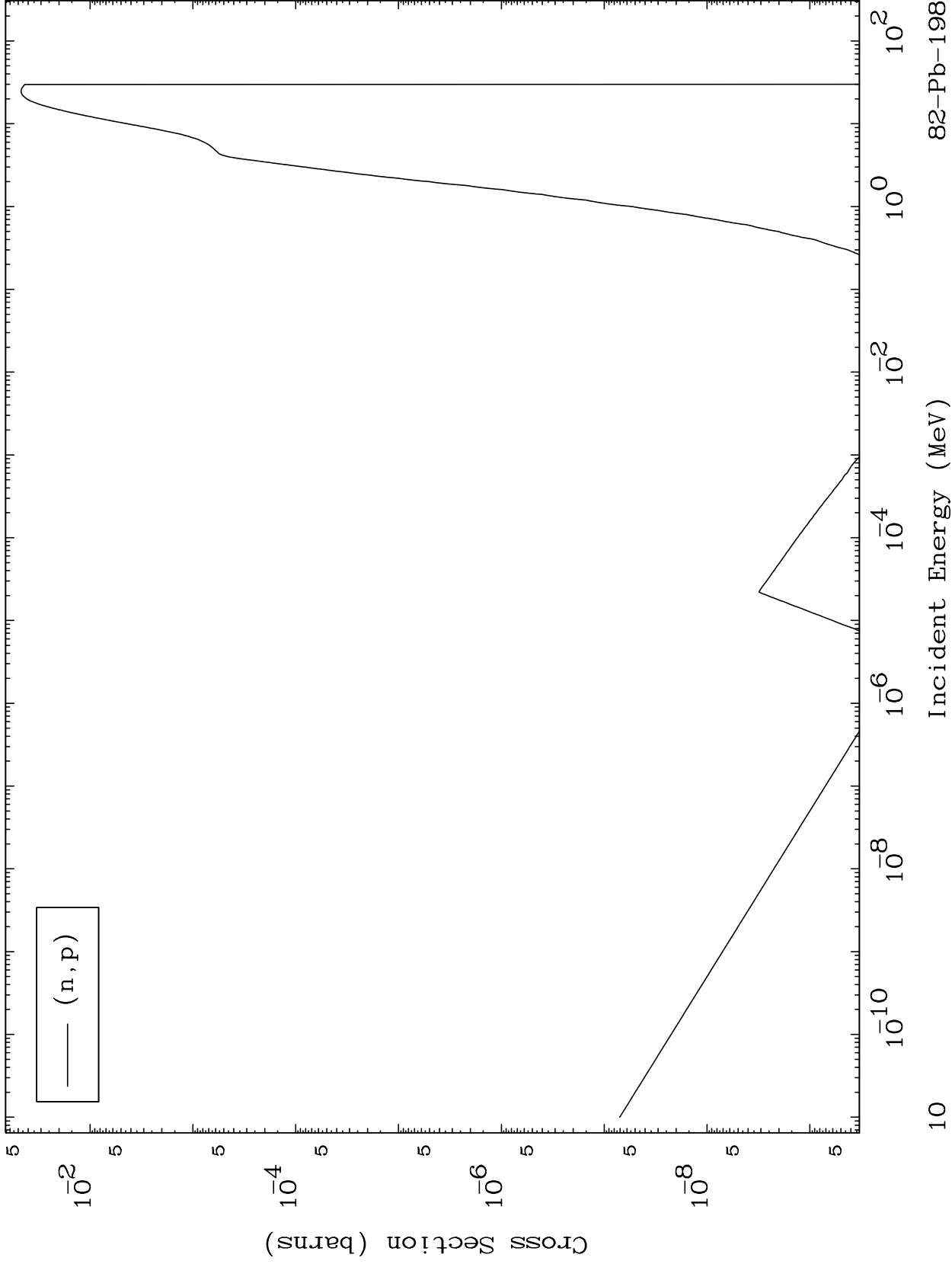
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-198



10

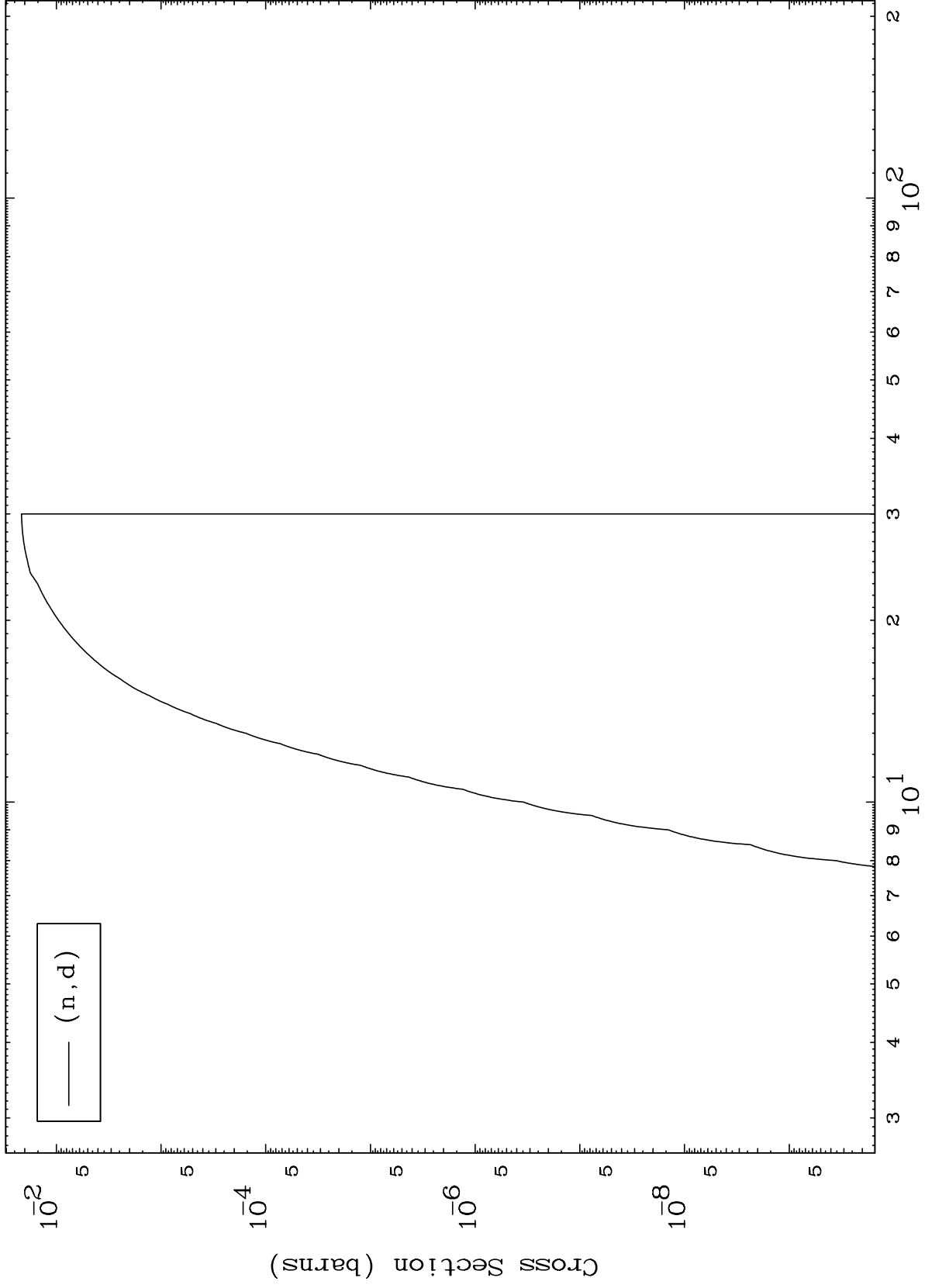
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,d) Levels
293 Kelvin Cross Sections

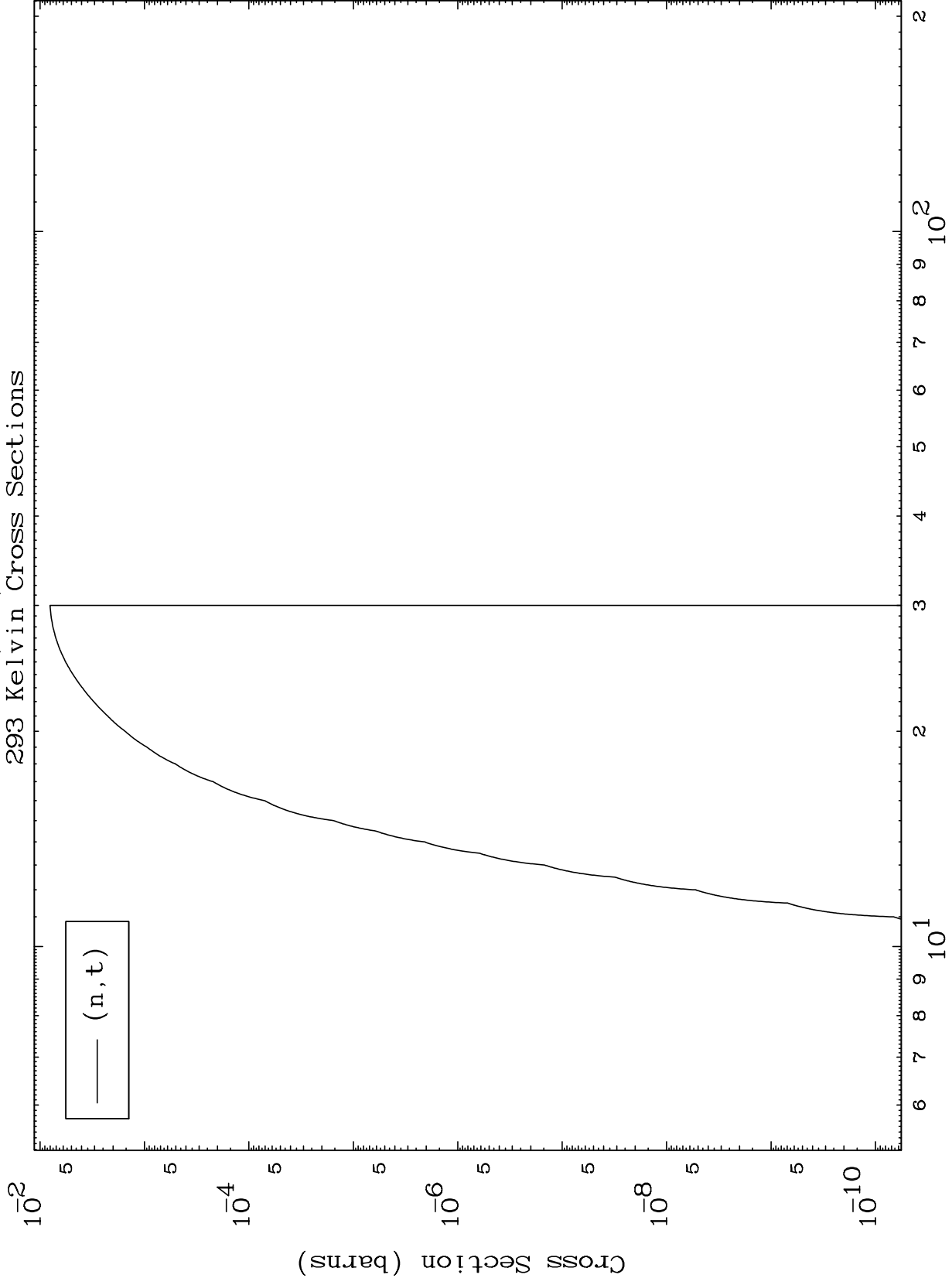
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MAT 8207

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-198



12

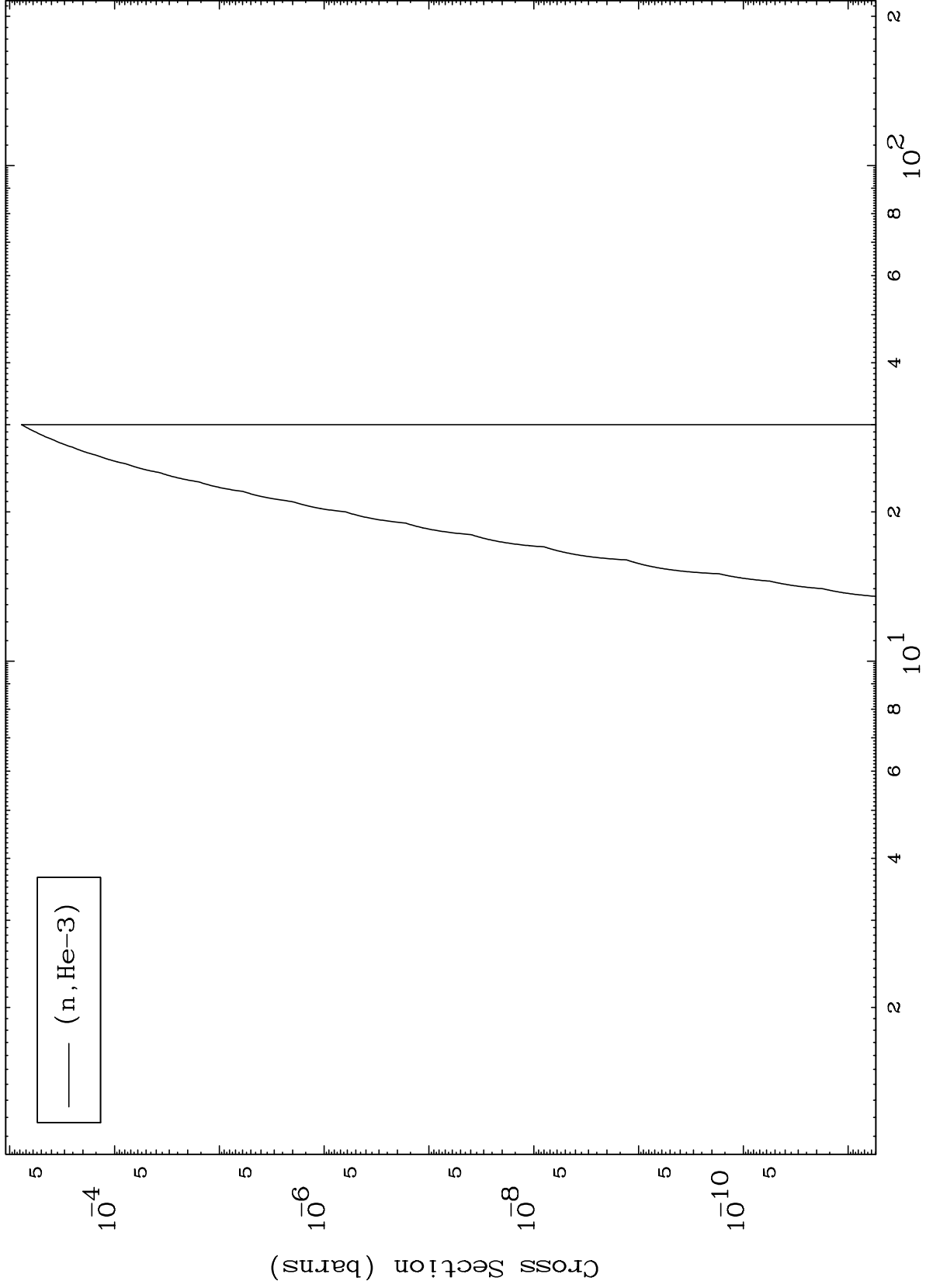
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,He3) Levels
293 Kelvin Cross Sections

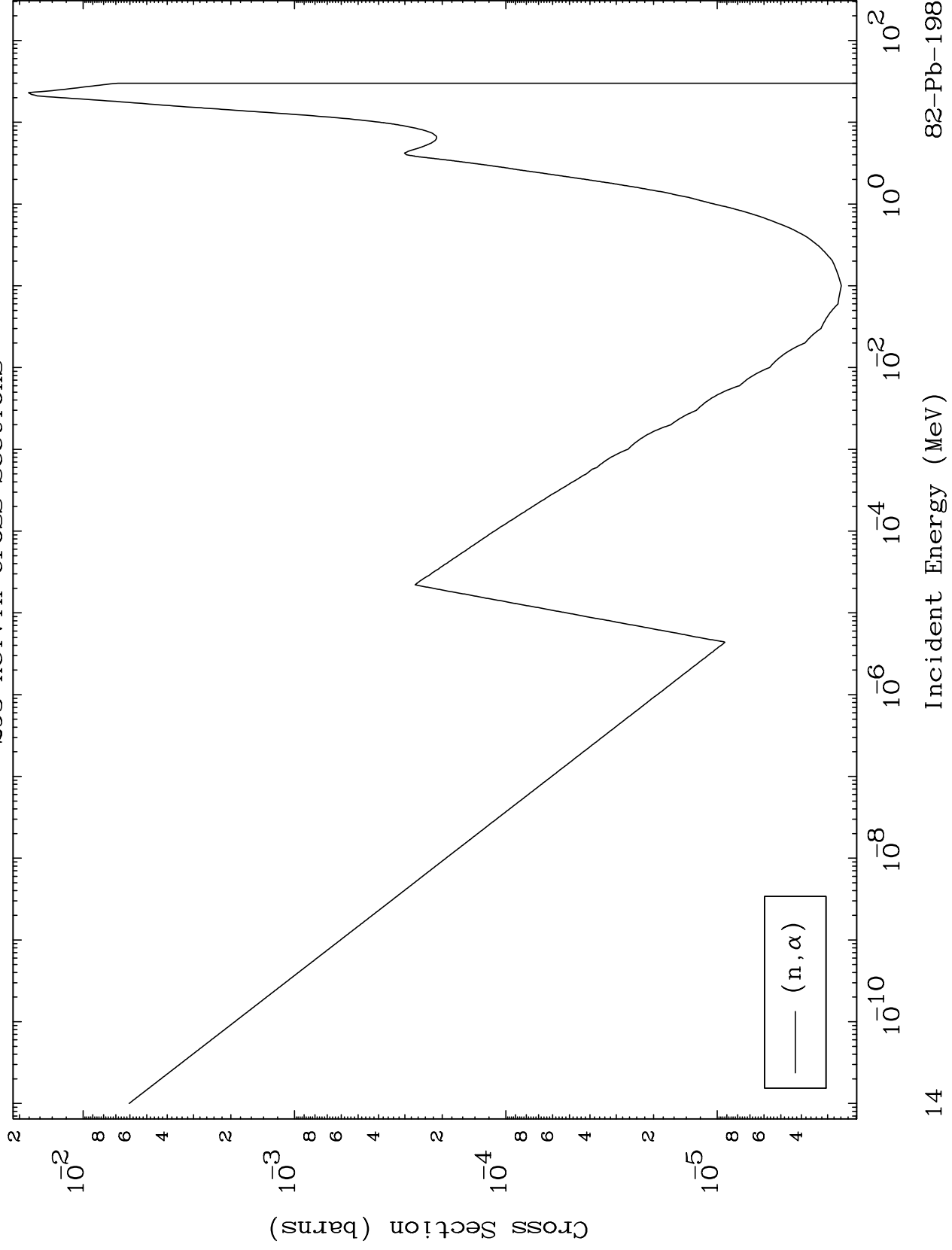
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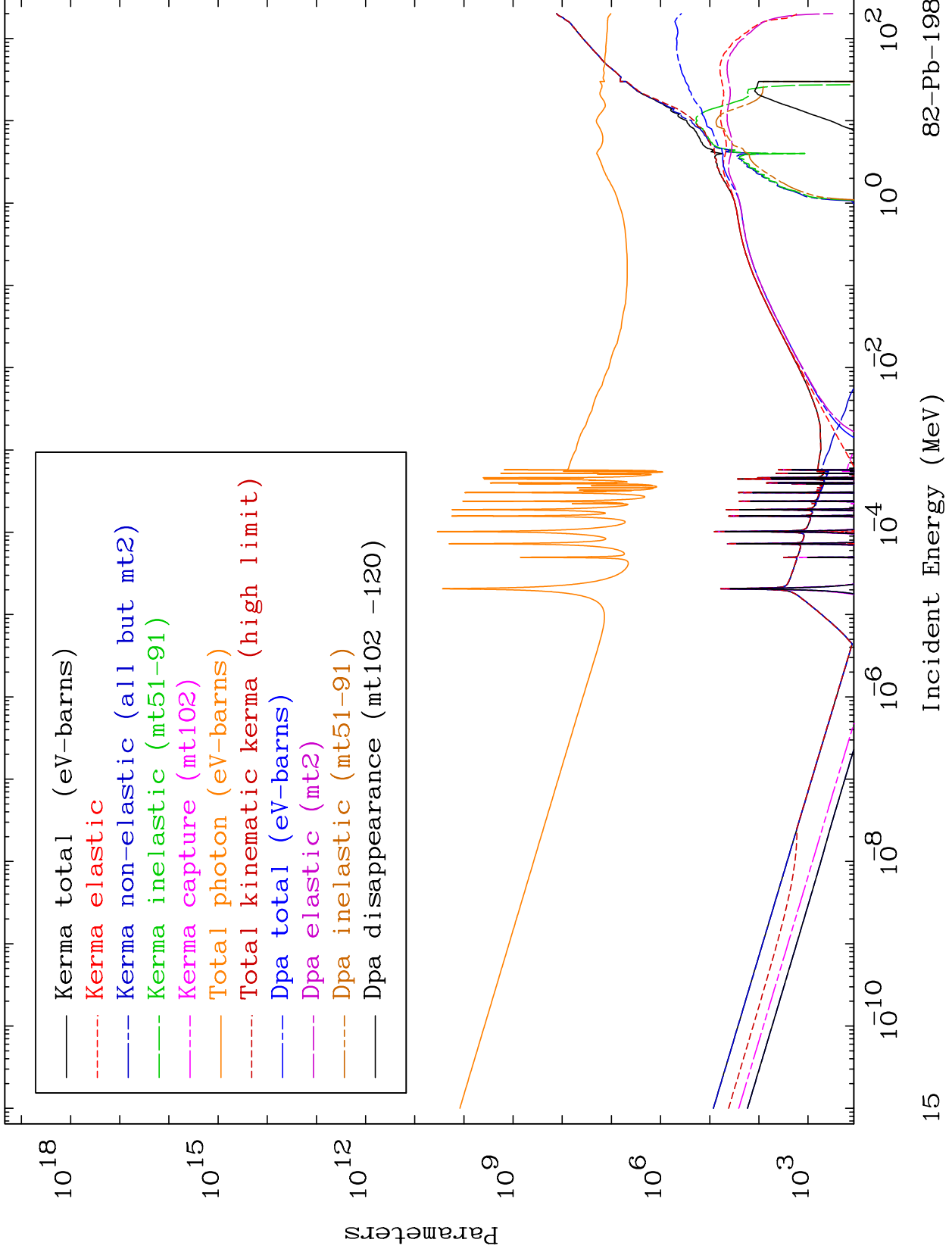


MAT 8207

(n, α) Levels
293 Kelvin Cross Sections

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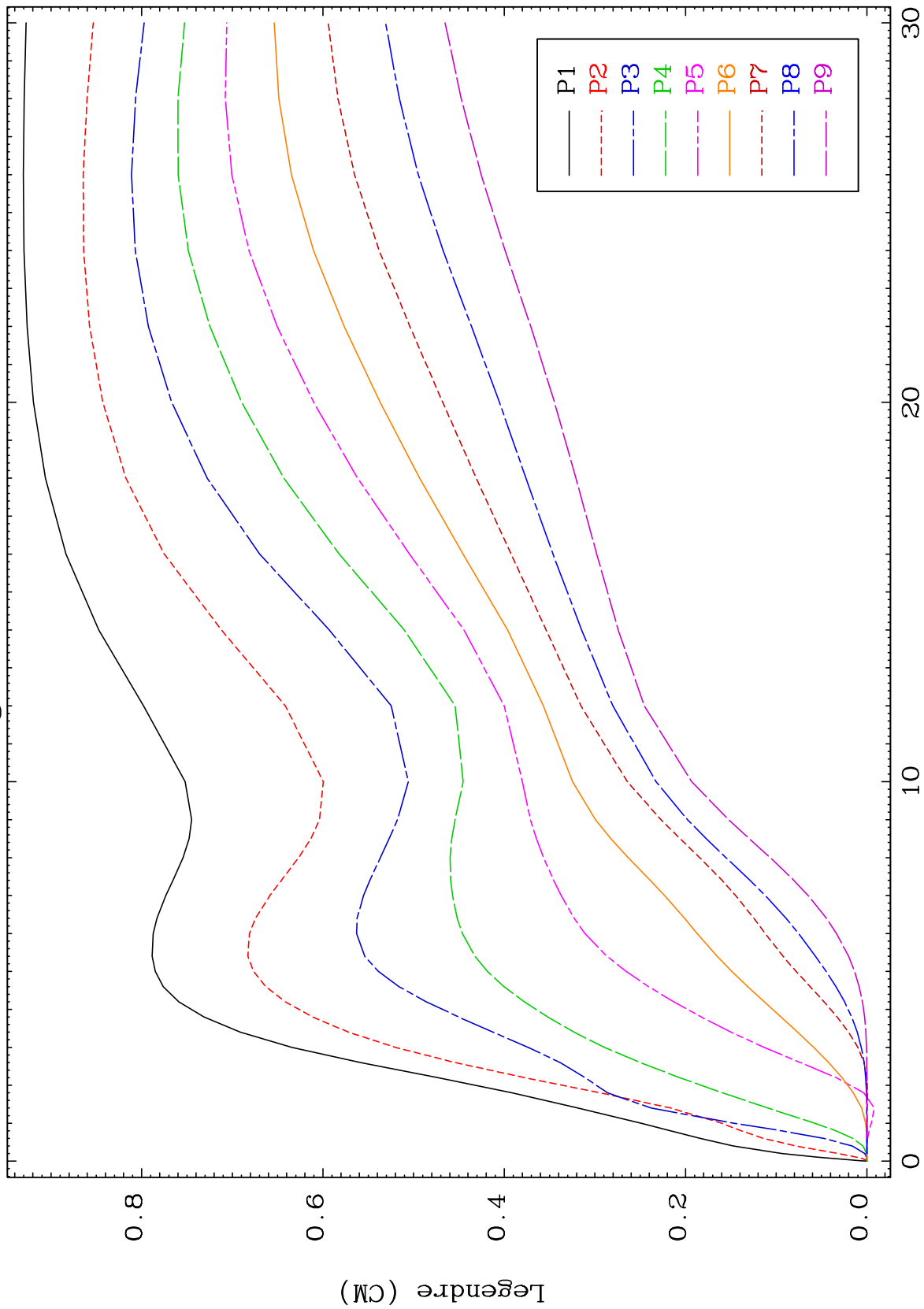




MAT 8207

Elastic Legendre Coefficients

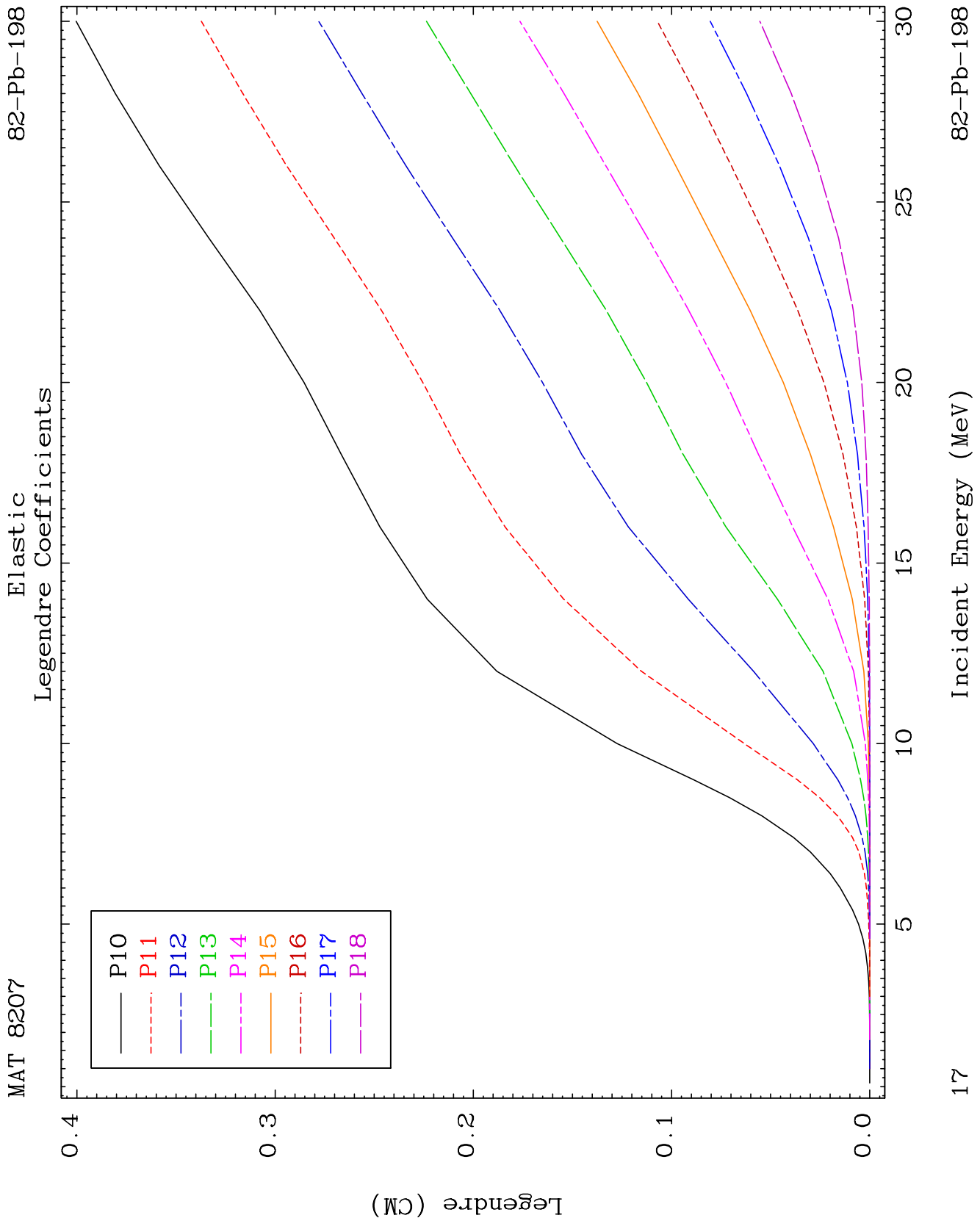
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Incident Energy (MeV)

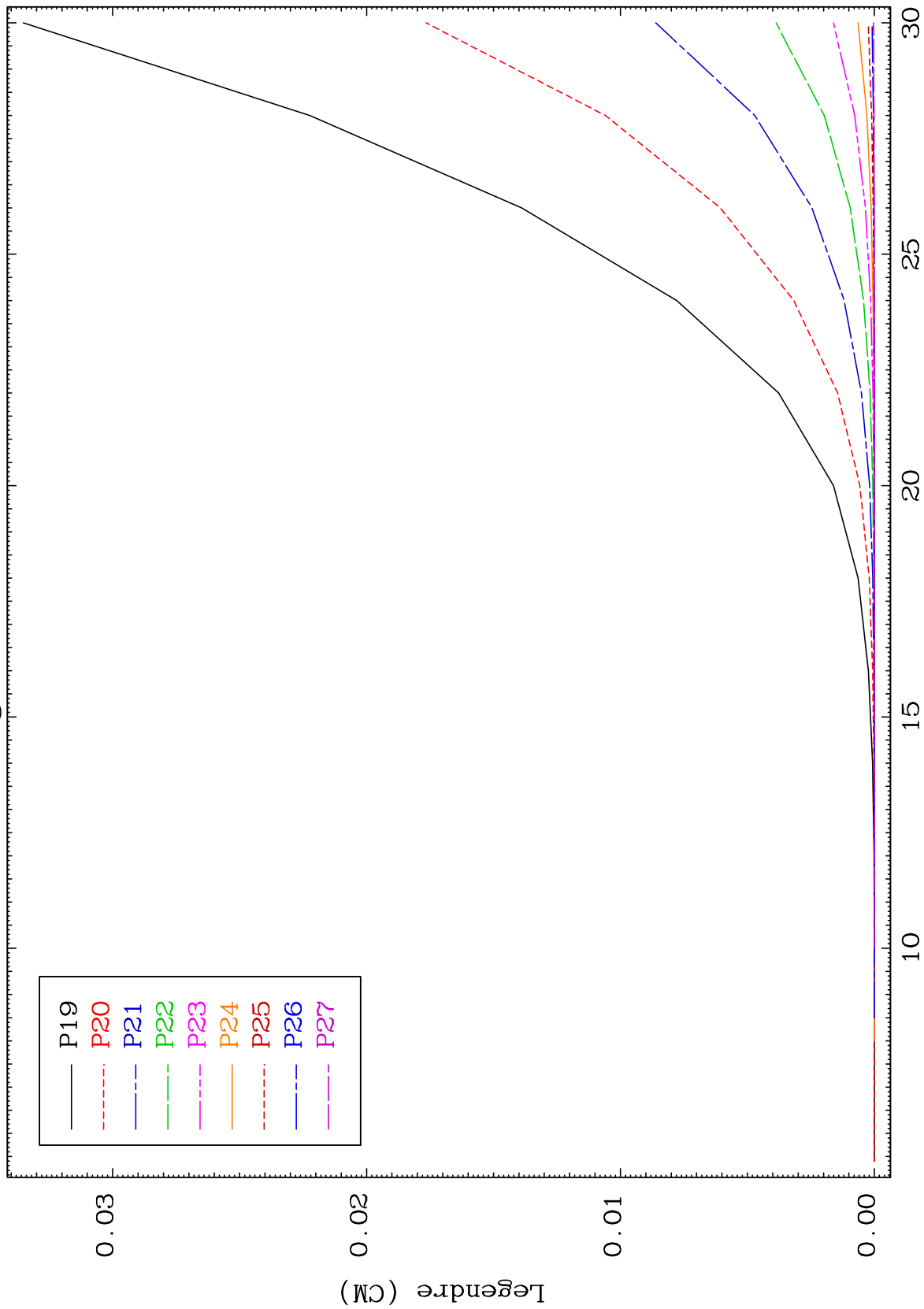
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MAT 8207

Elastic
Legendre Coefficients

82-Pb-198



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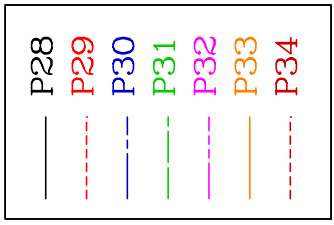
Incident Energy (MeV)

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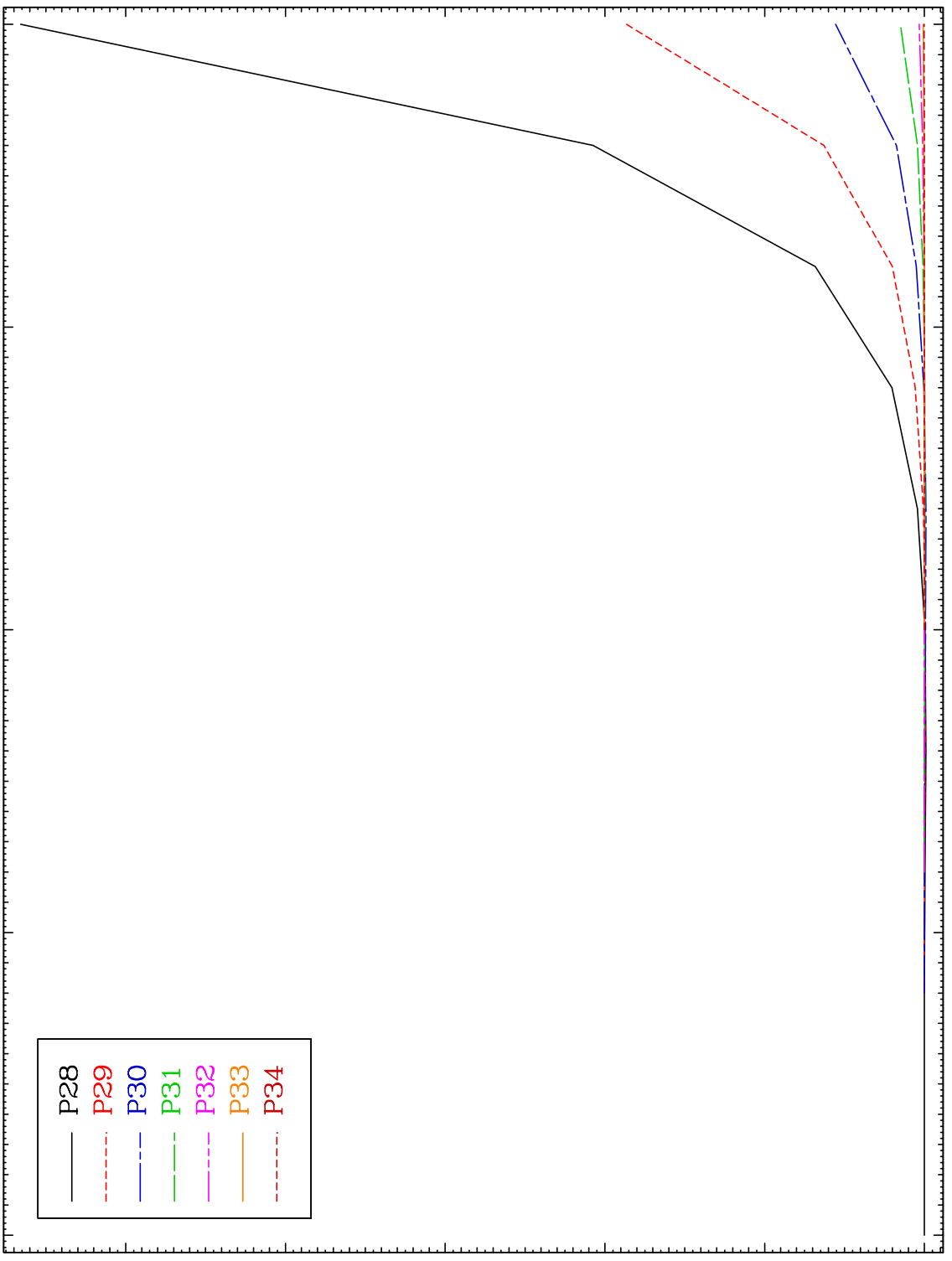
MAT 8207

Elastic Legendre Coefficients

82-Pb-198



$\times 10^{-5}$
1.0
0.8
0.6
0.4
0.2
0.0



30

25

20

15

10

Incident Energy (MeV)

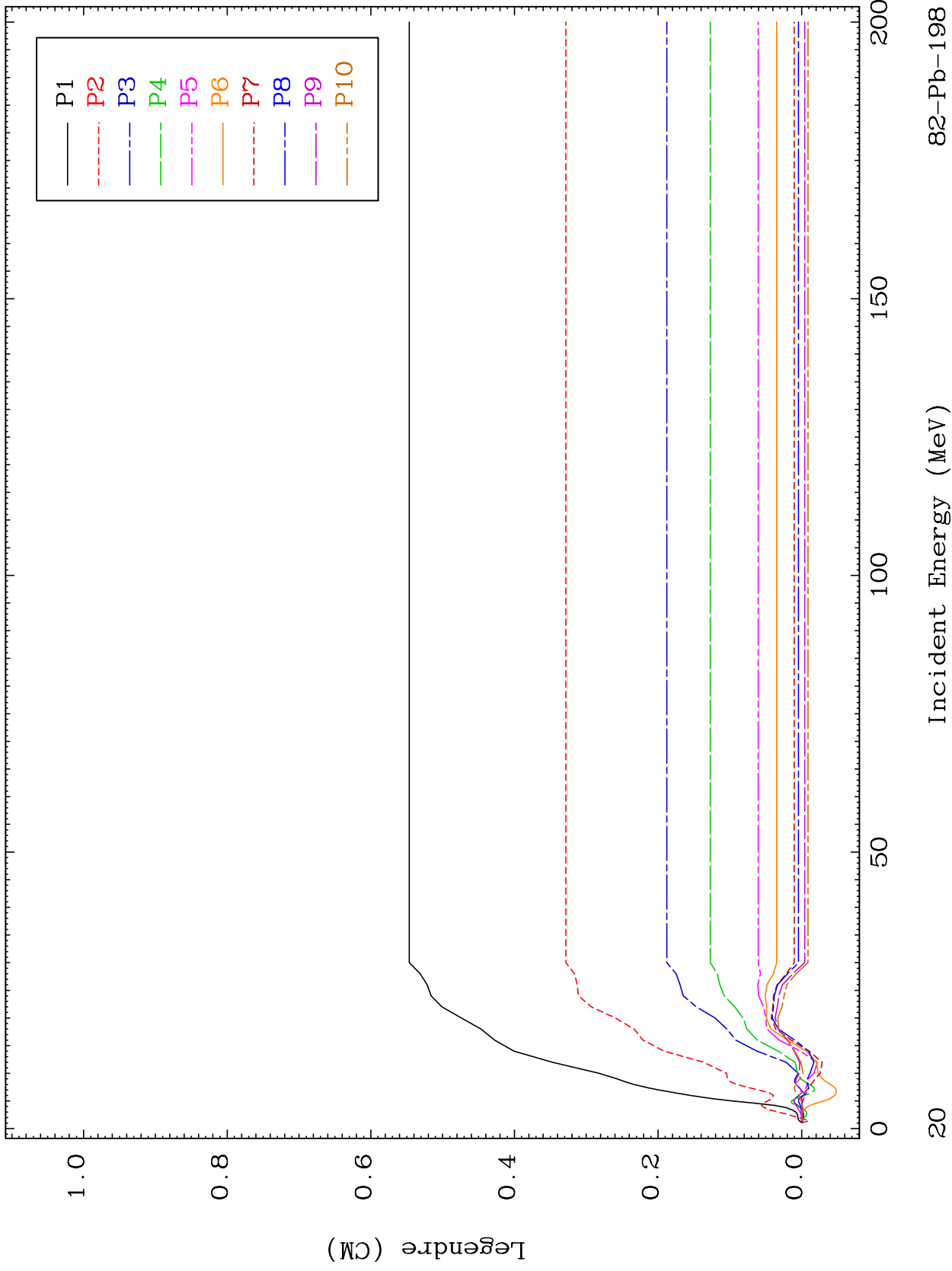
82-Pb-198

19

MAT 8207

1.063 MeV (n,n') Level
Legendre Coefficients

82-Pb-198



82-Pb-198

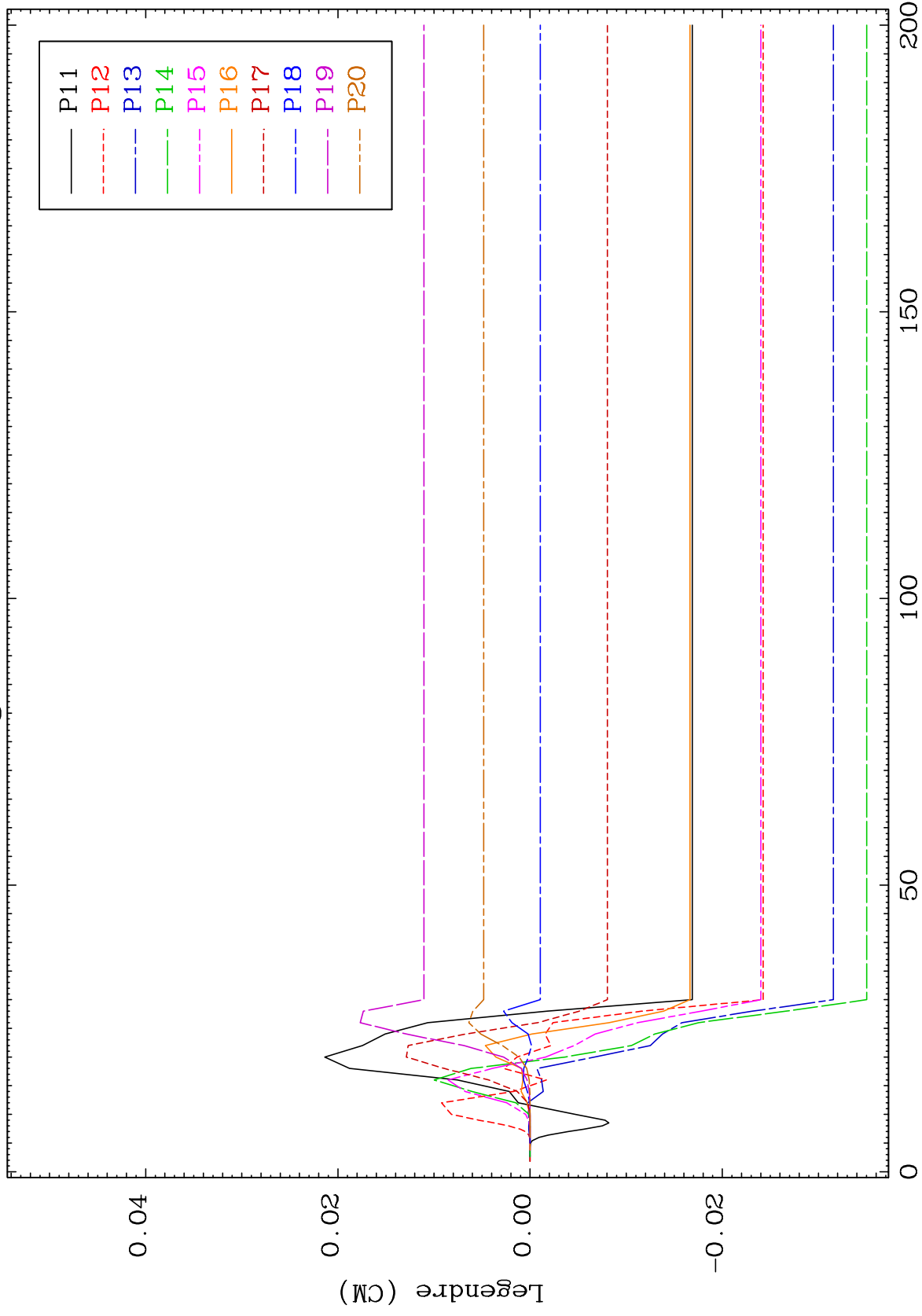
Incident Energy (MeV)

0

MAT 8207

1.063 MeV (n, n') Level
Legendre Coefficients

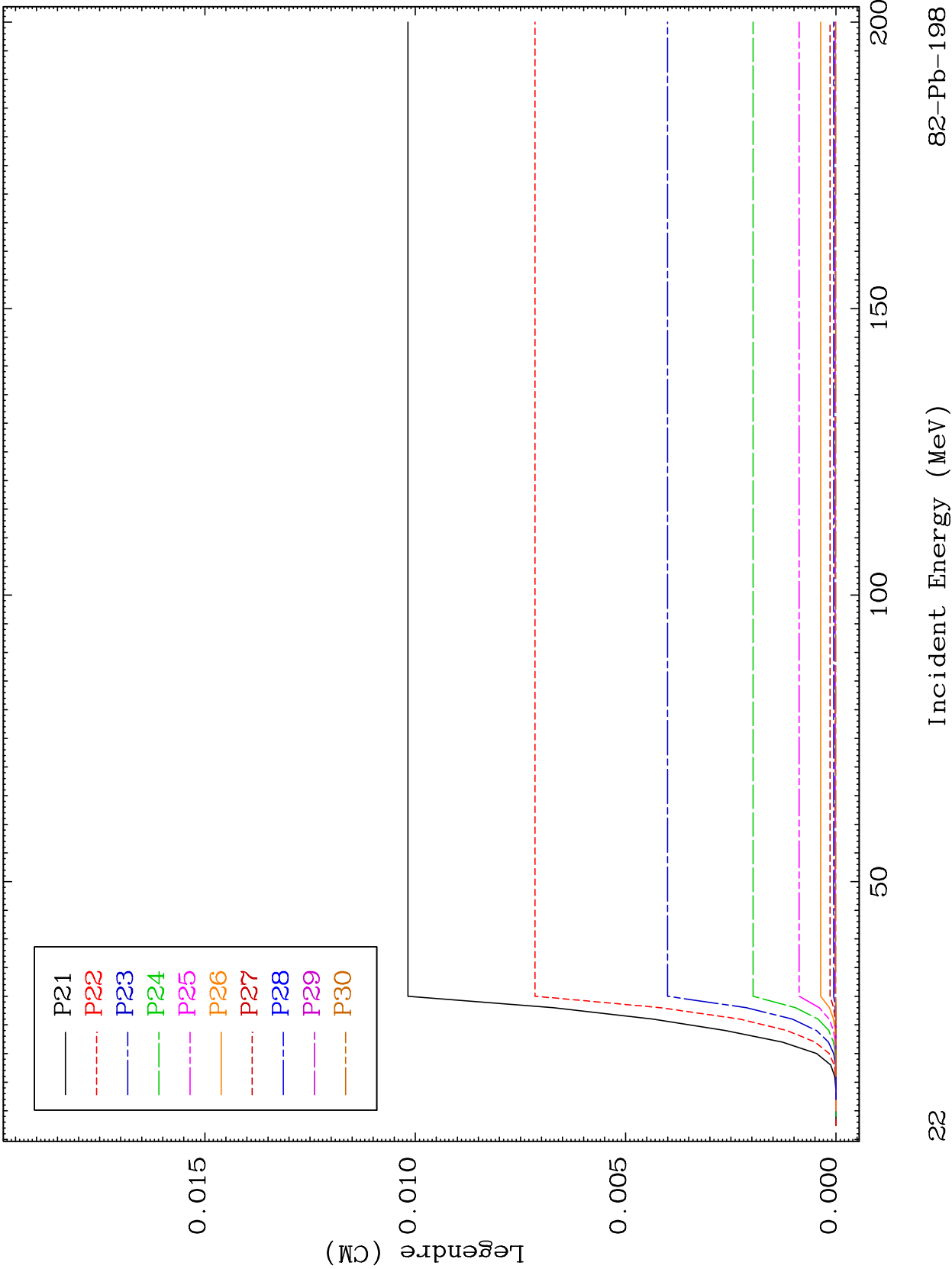
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21

Incident Energy (MeV)

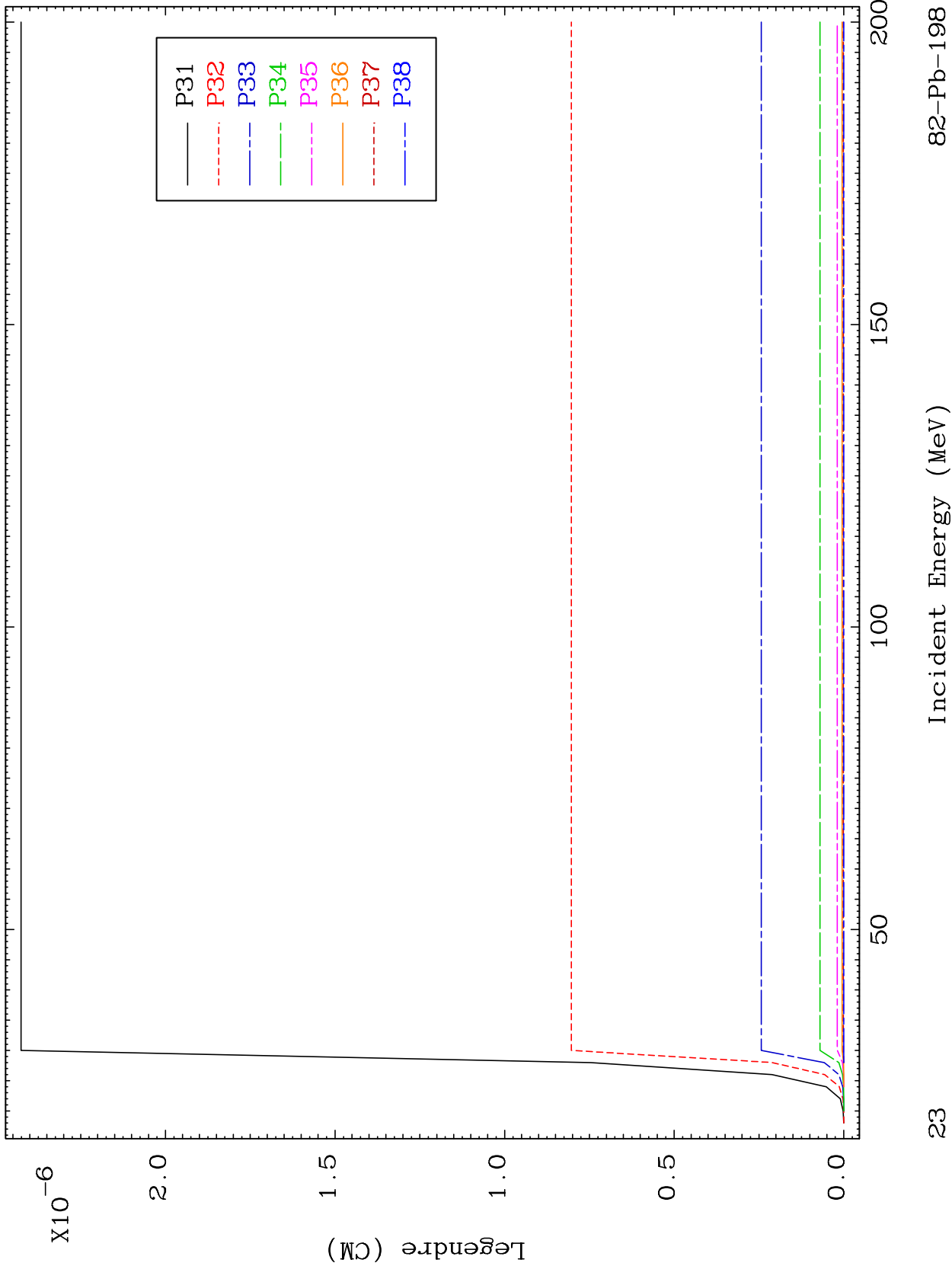
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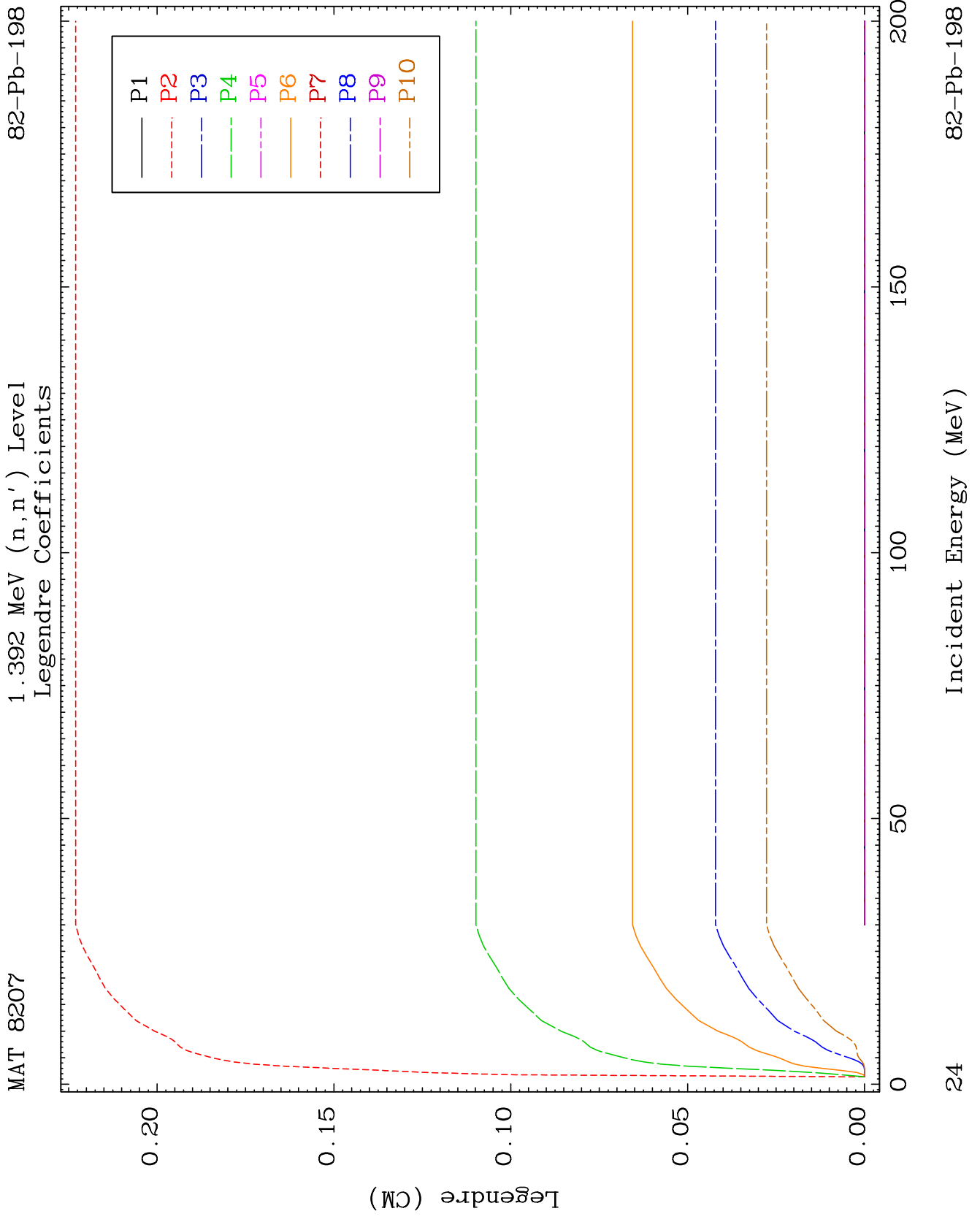
MAT 8207

1.063 MeV (n, n') Level
Legendre Coefficients

82-Pb-198



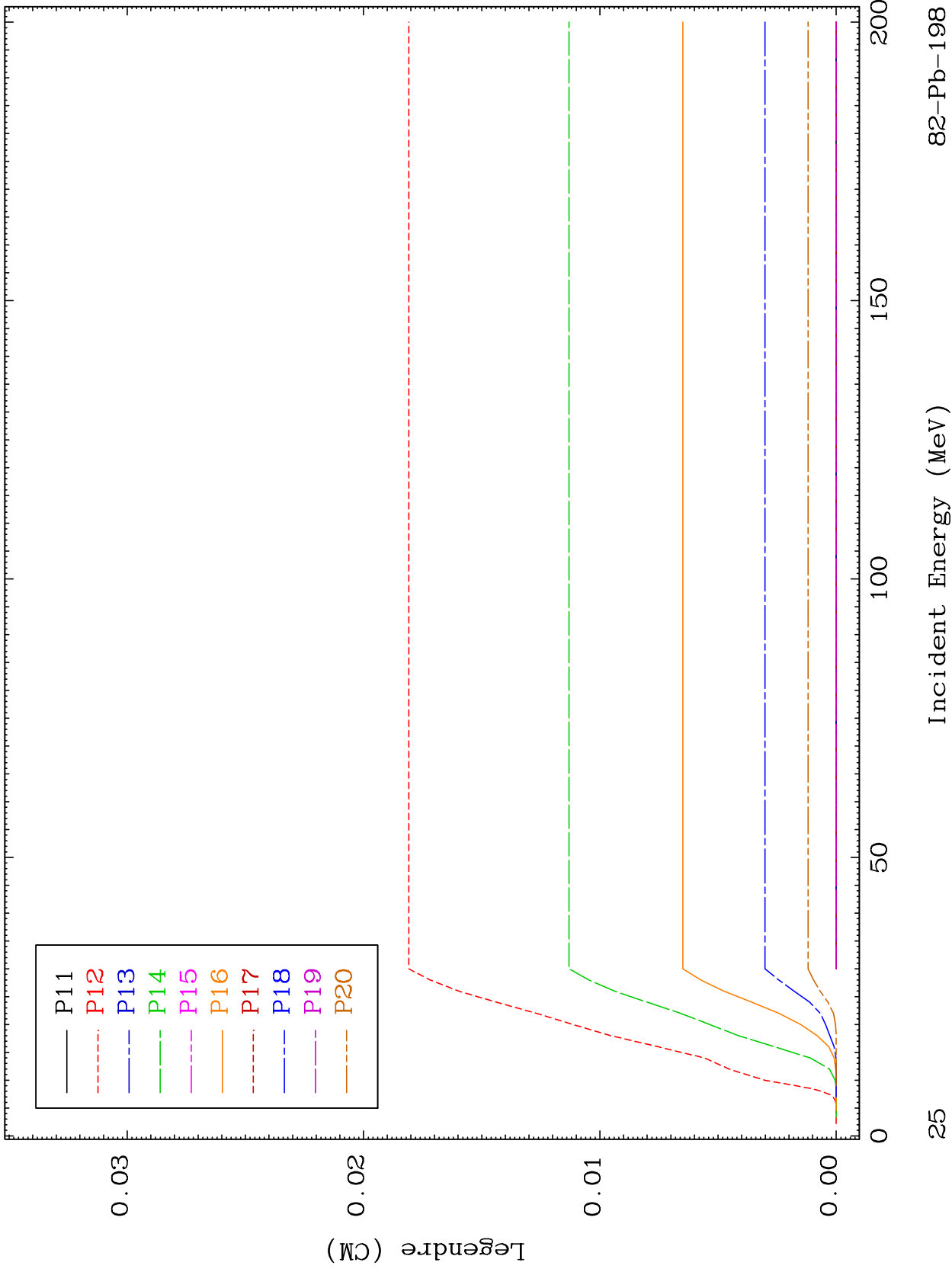
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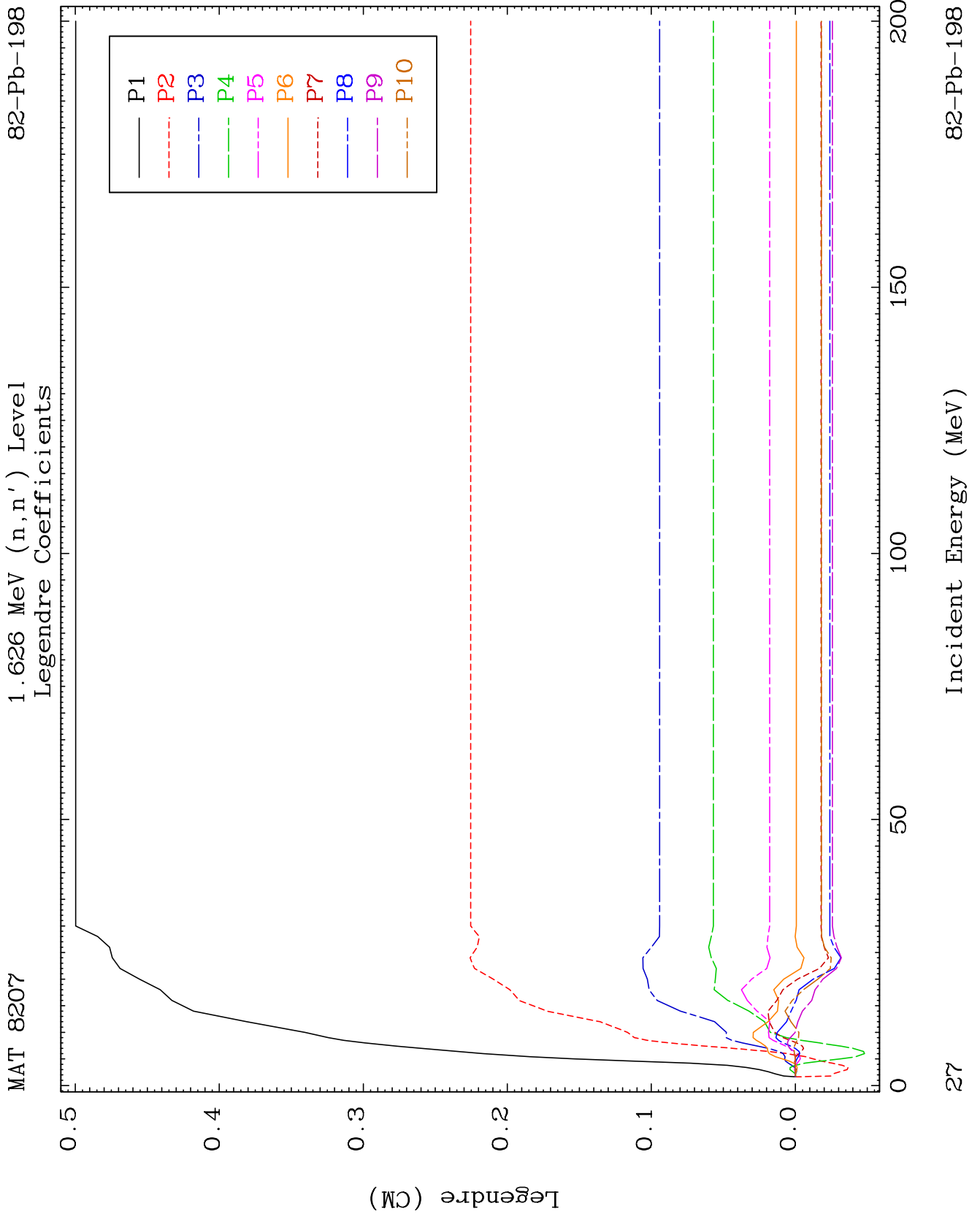


MAT 8207

1.392 MeV (n, n') Level
Legendre Coefficients

82-Pb-198

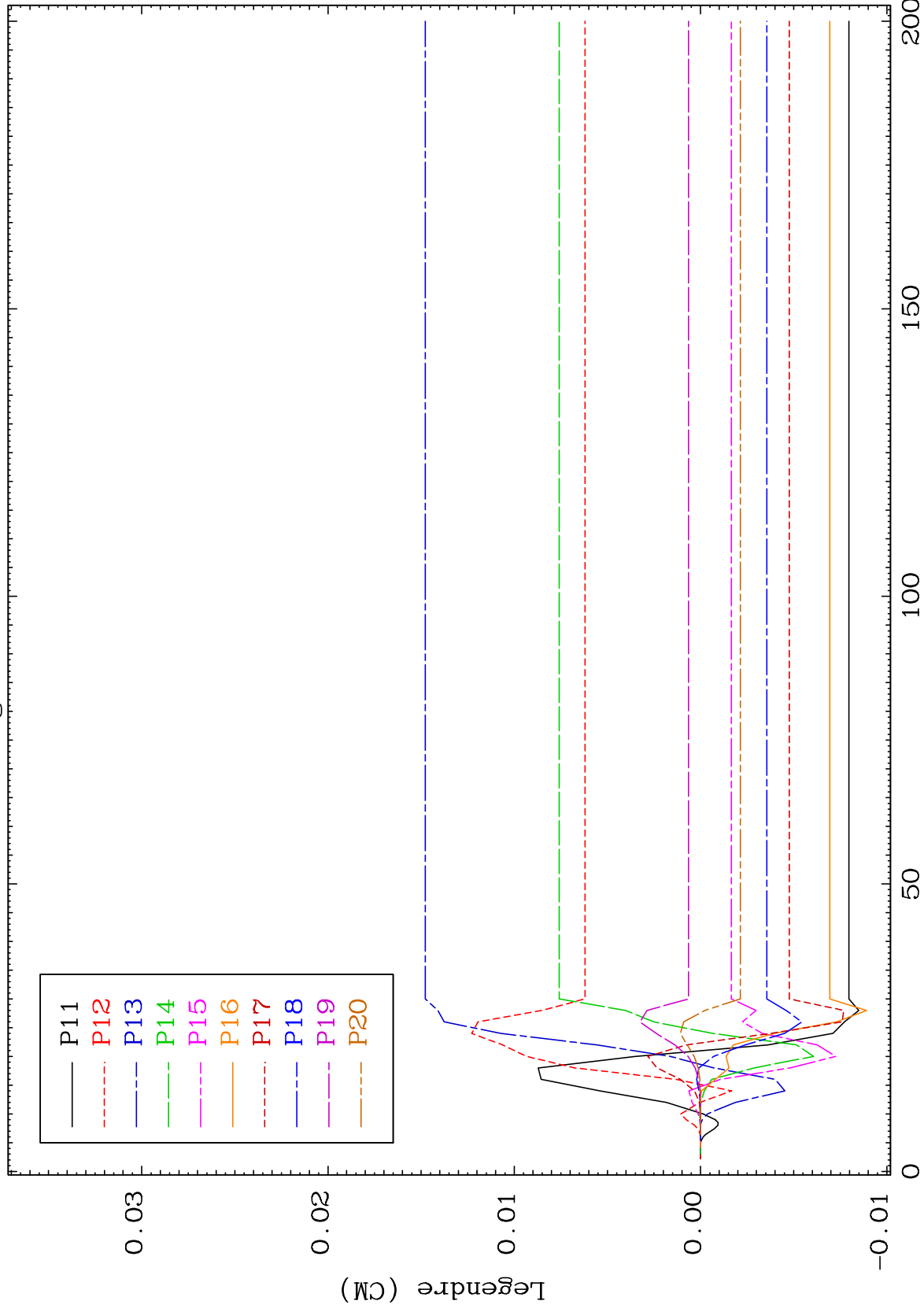




MAT 8207

1.626 MeV (n,n') Level
Legendre Coefficients

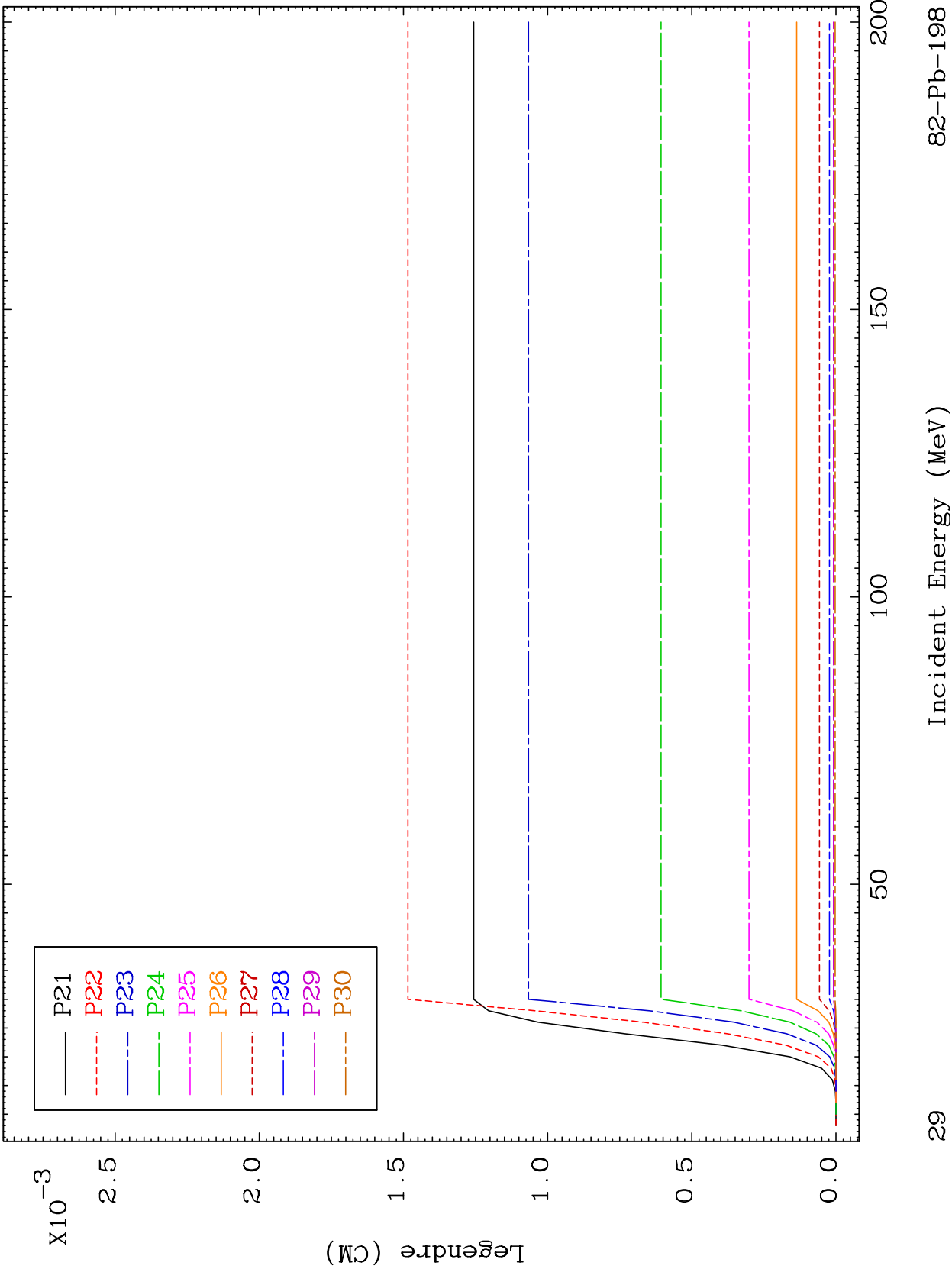
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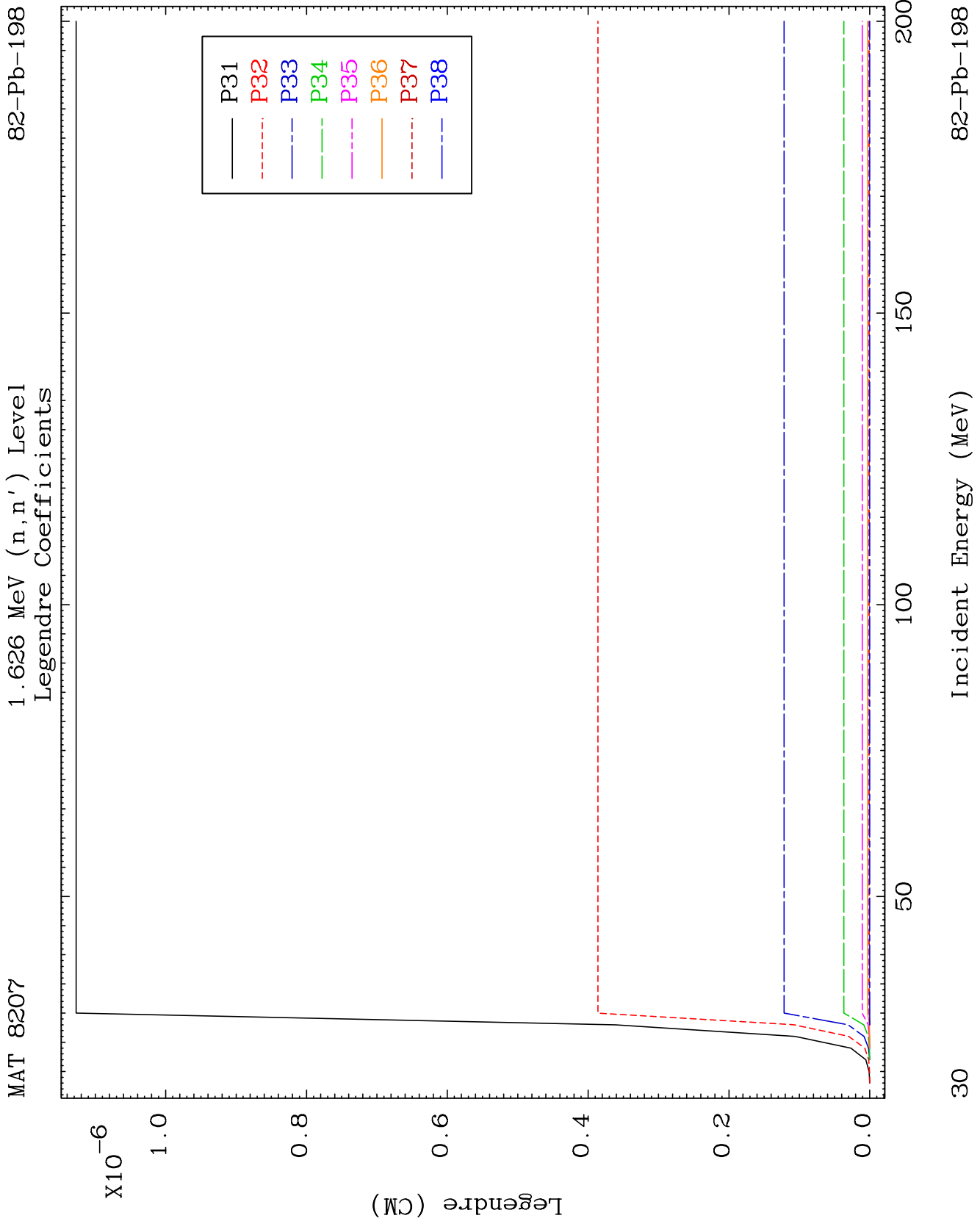


28

Incident Energy (MeV)

82-Pb-198

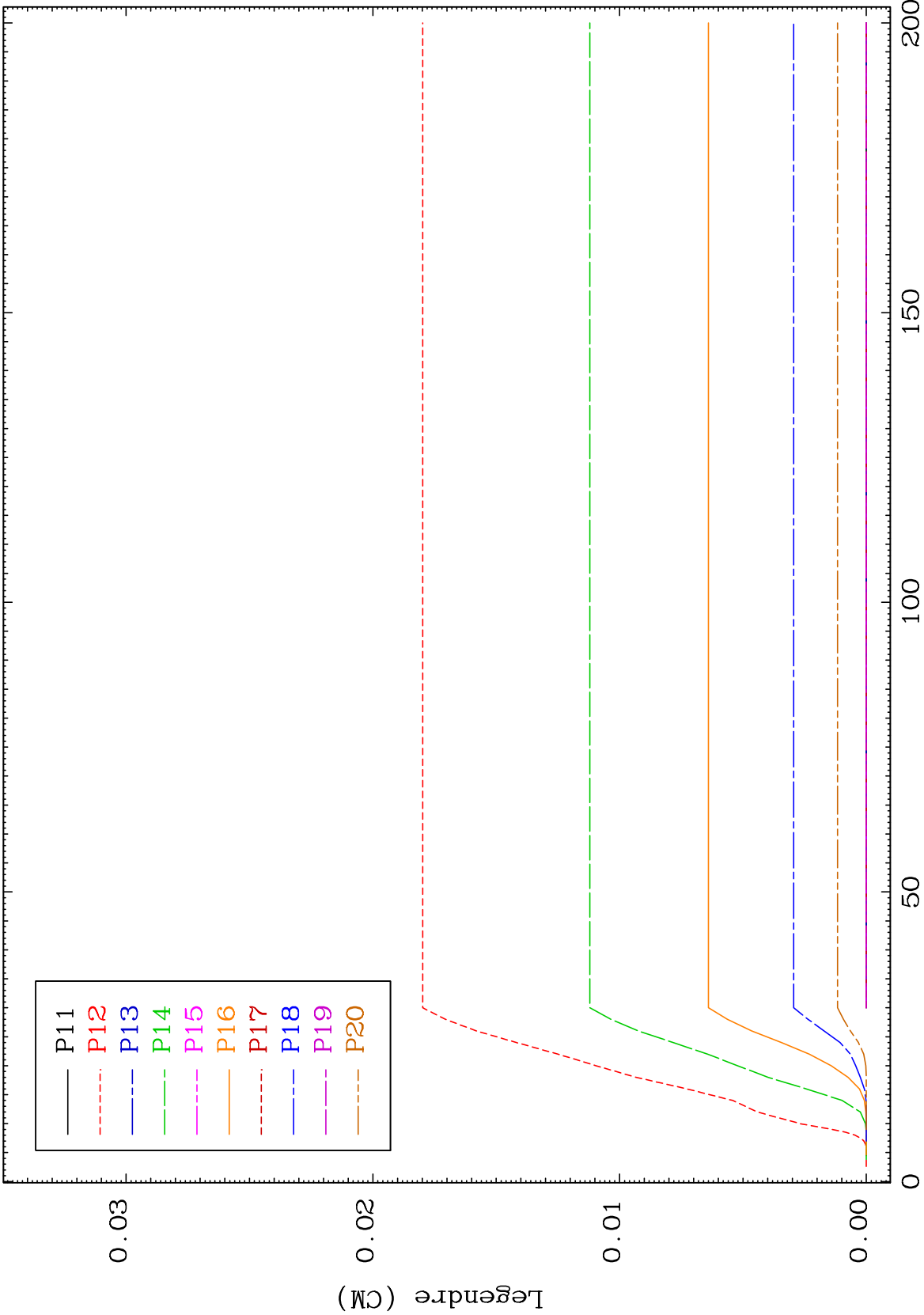




MAT 8207

1.735 MeV (n, n') Level
Legendre Coefficients

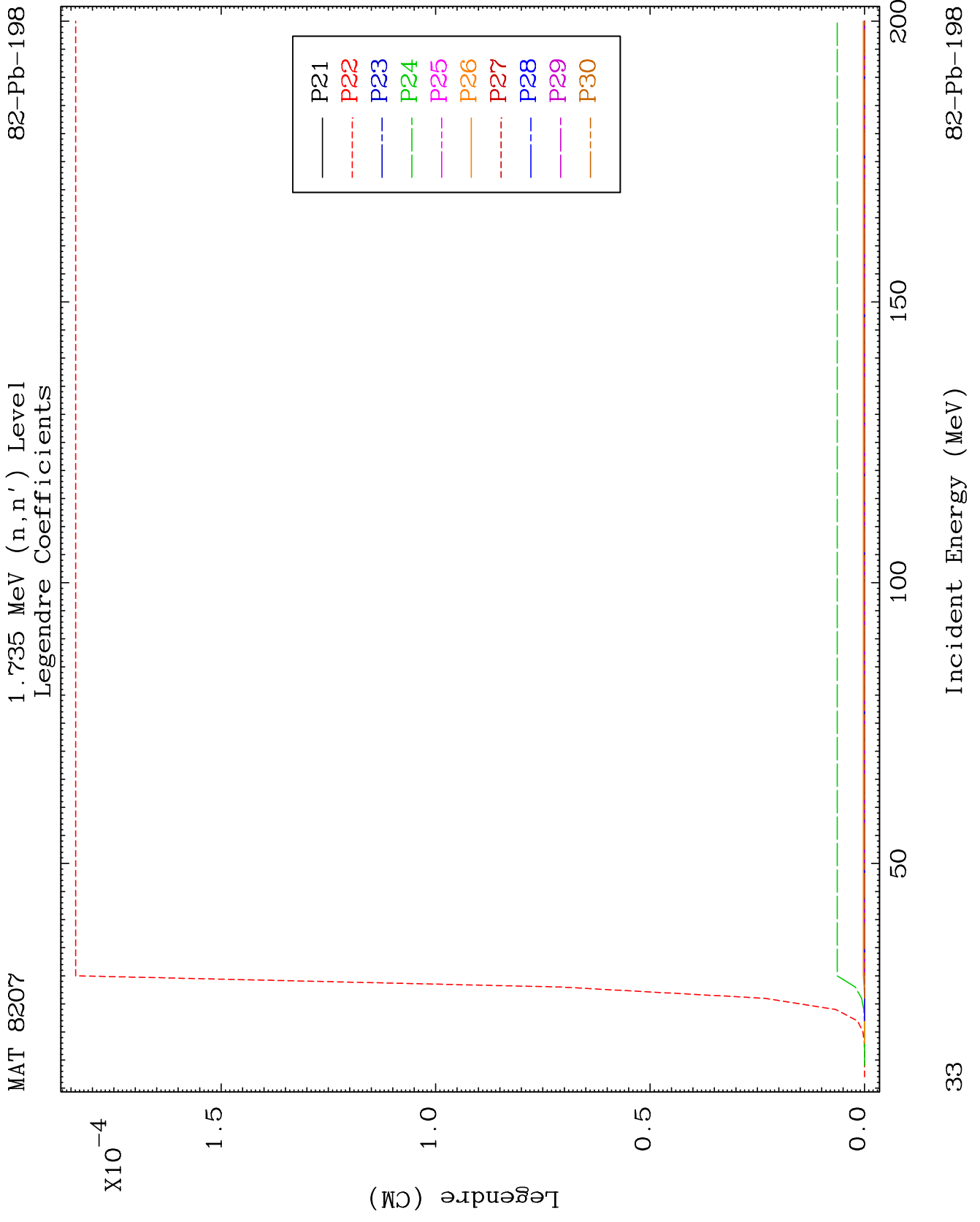
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32

Incident Energy (MeV)

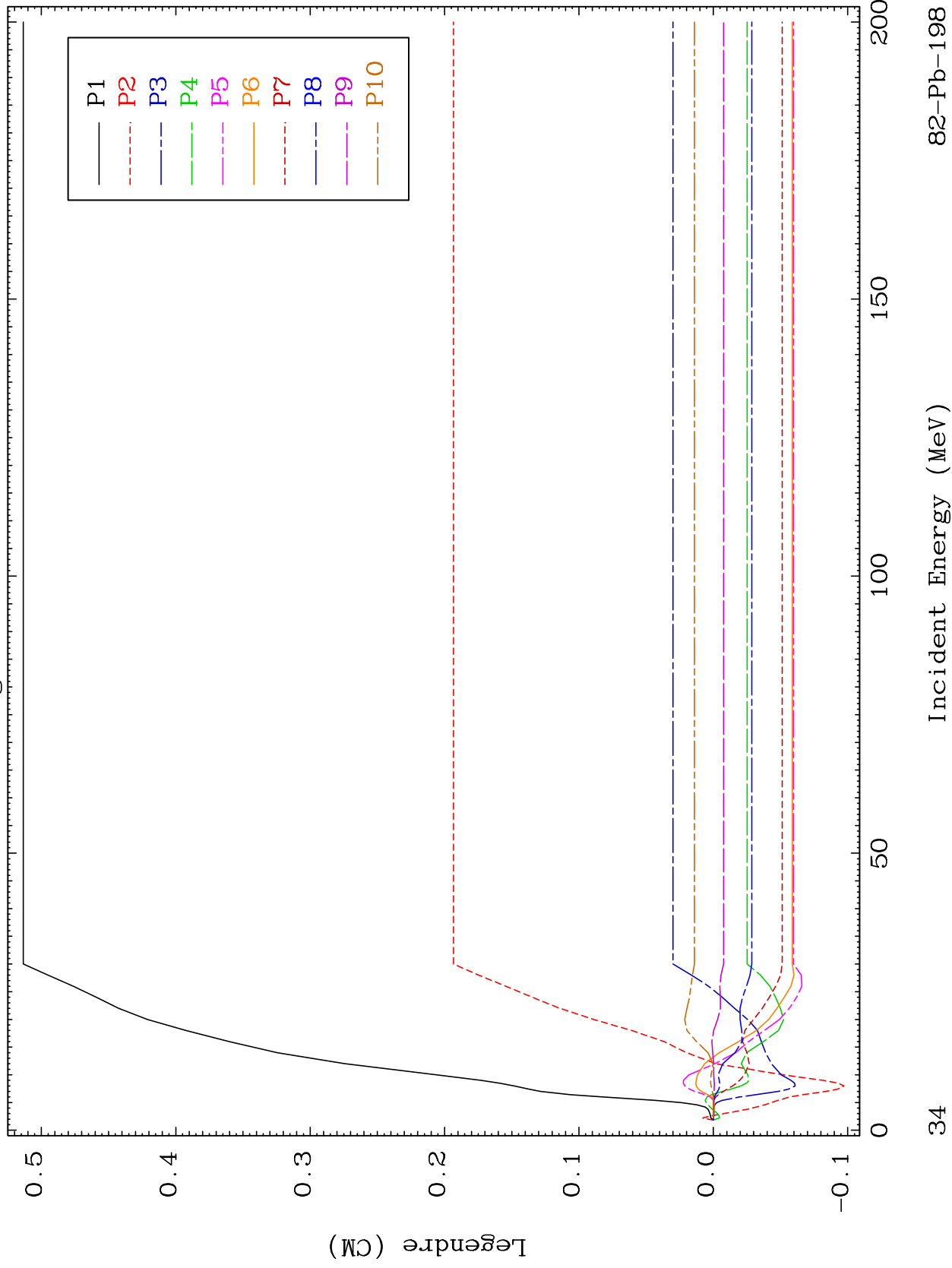
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MAT 8207

1.823 MeV (n,n') Level
Legendre Coefficients

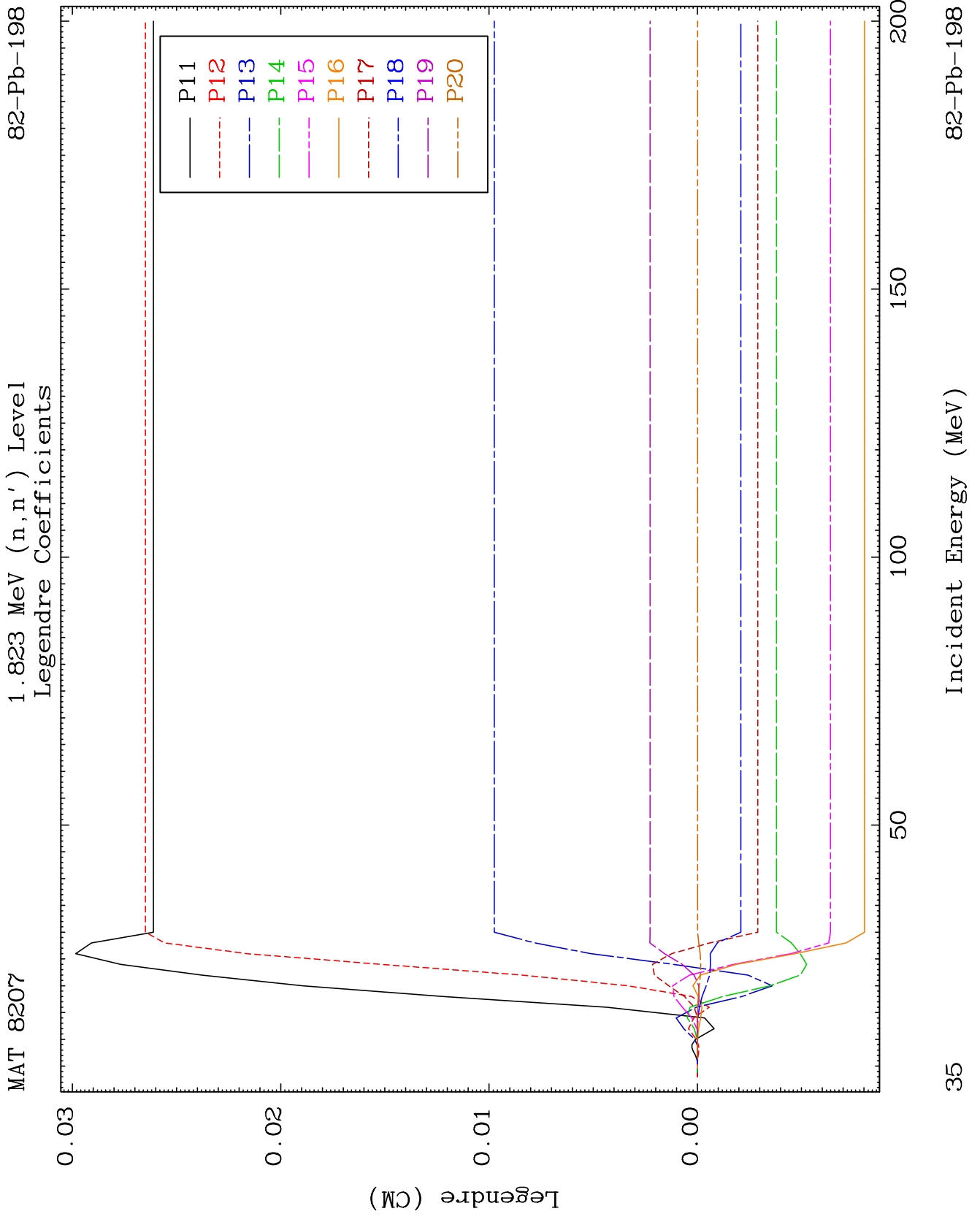
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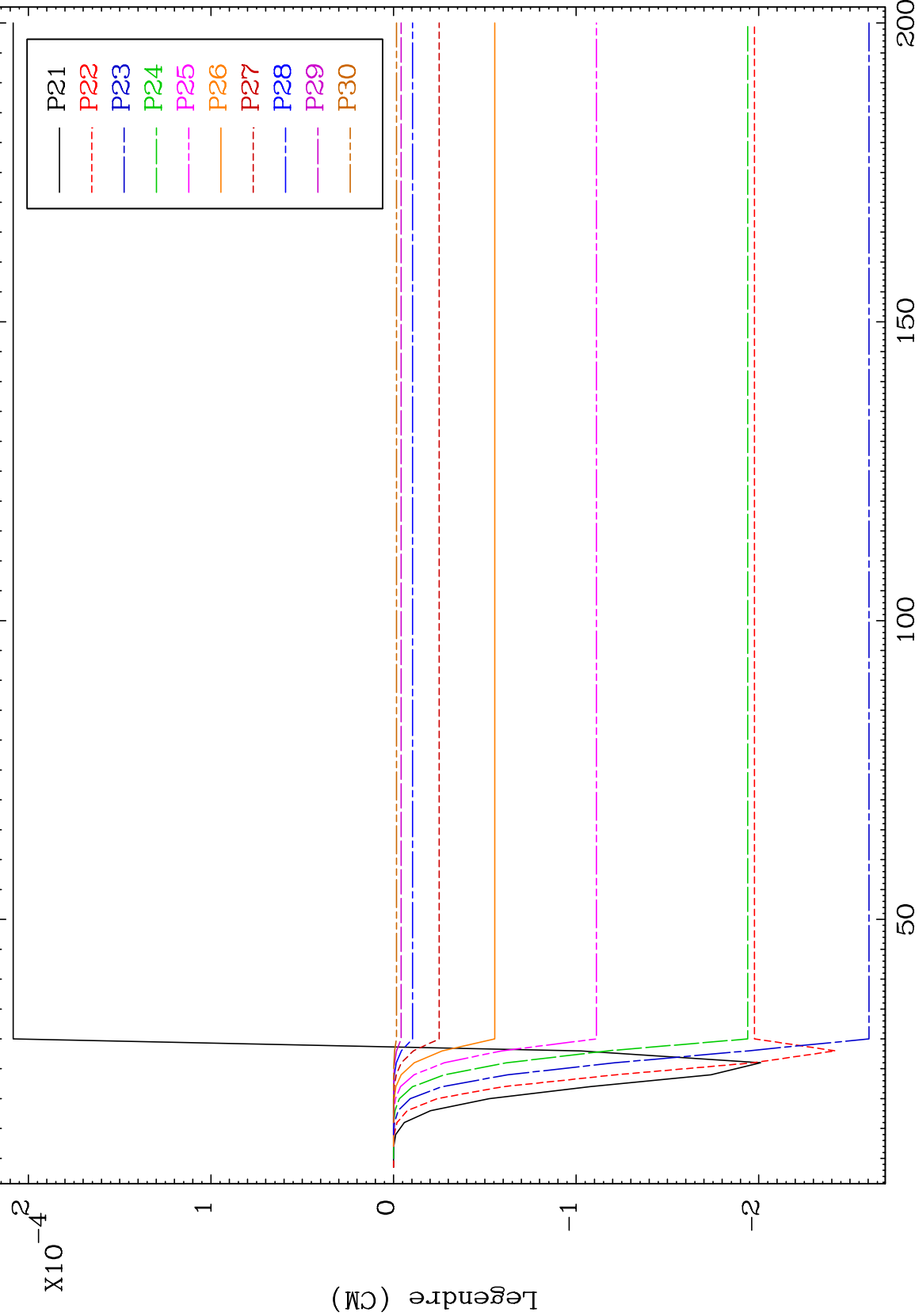


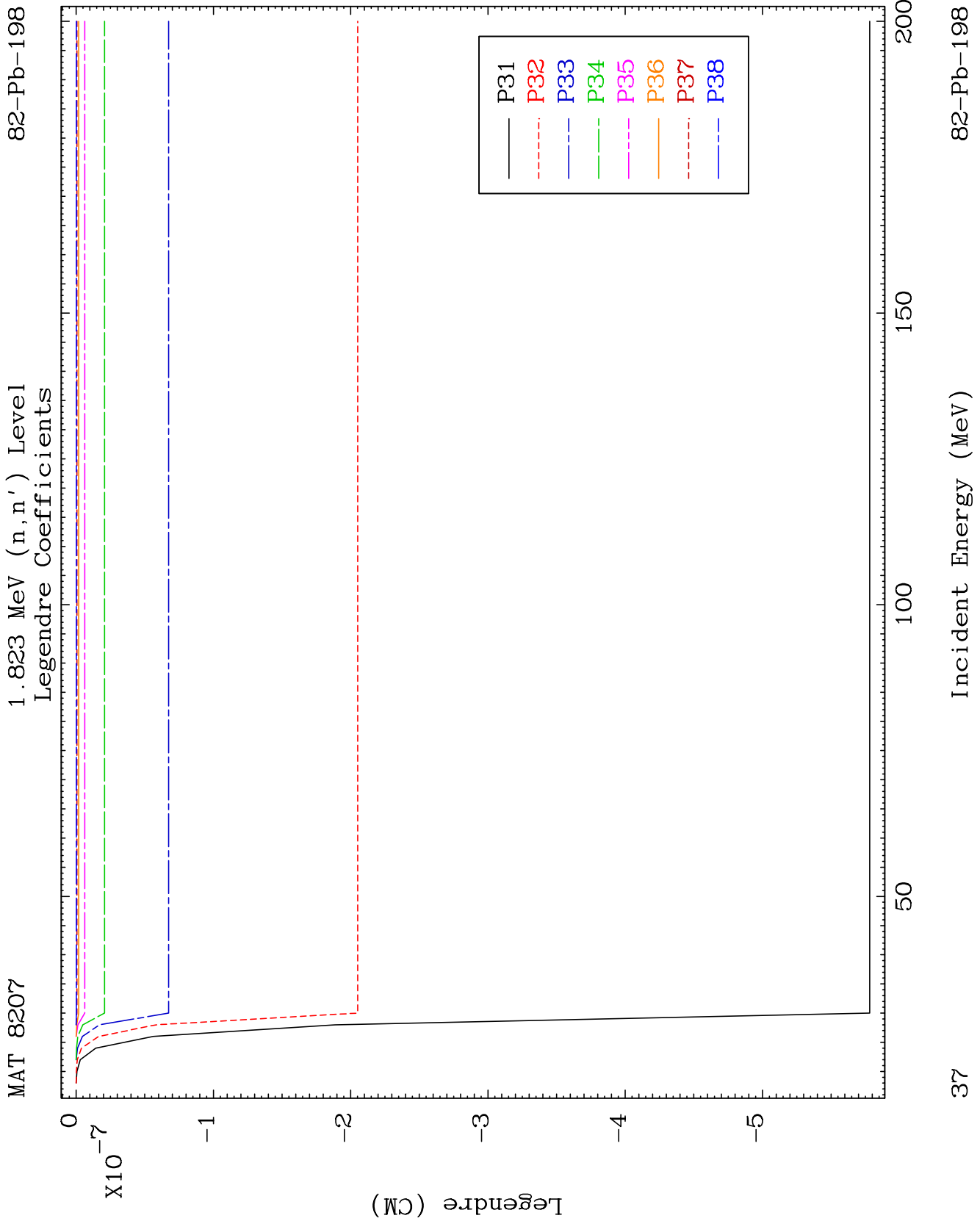
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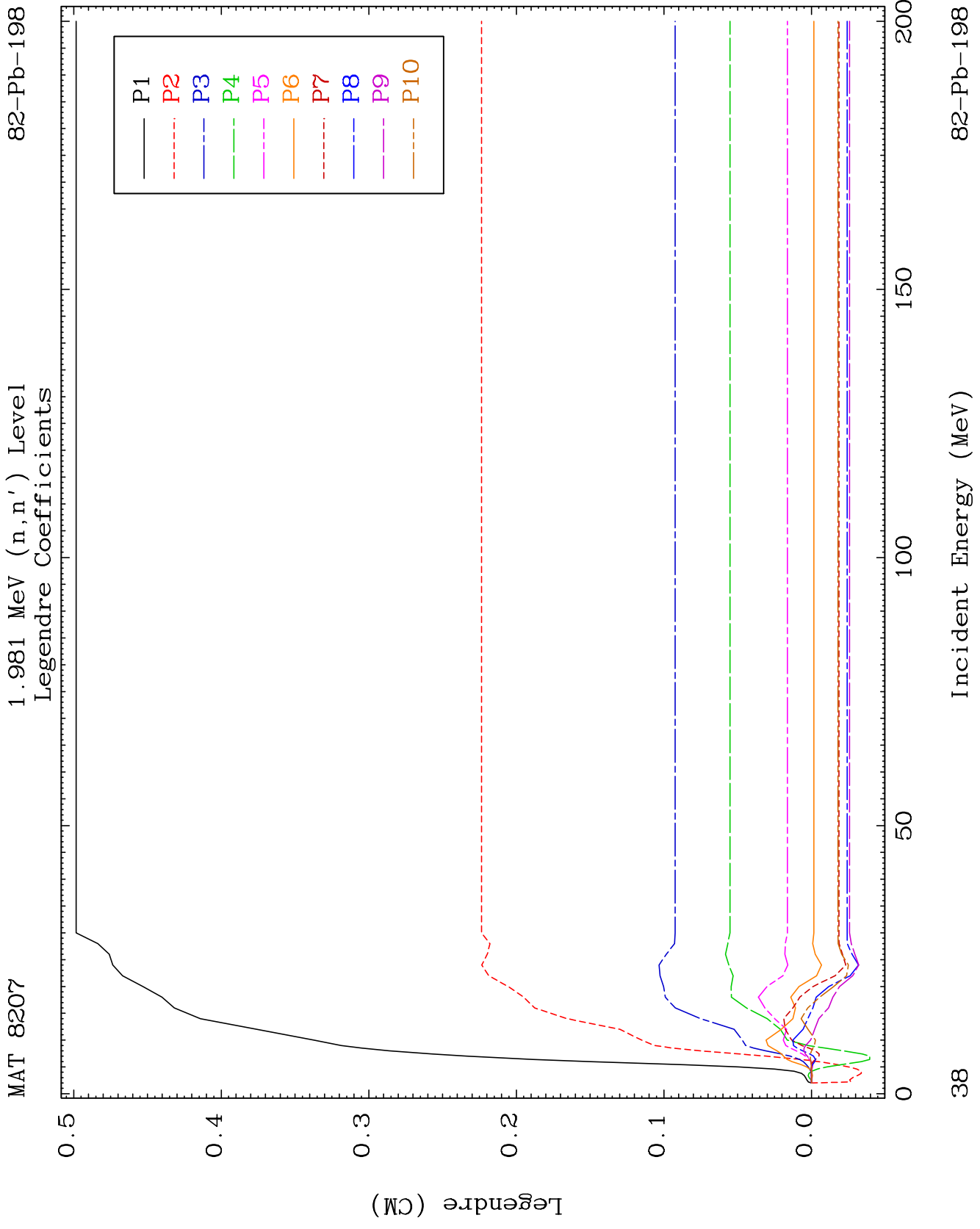
Incident Energy (MeV)

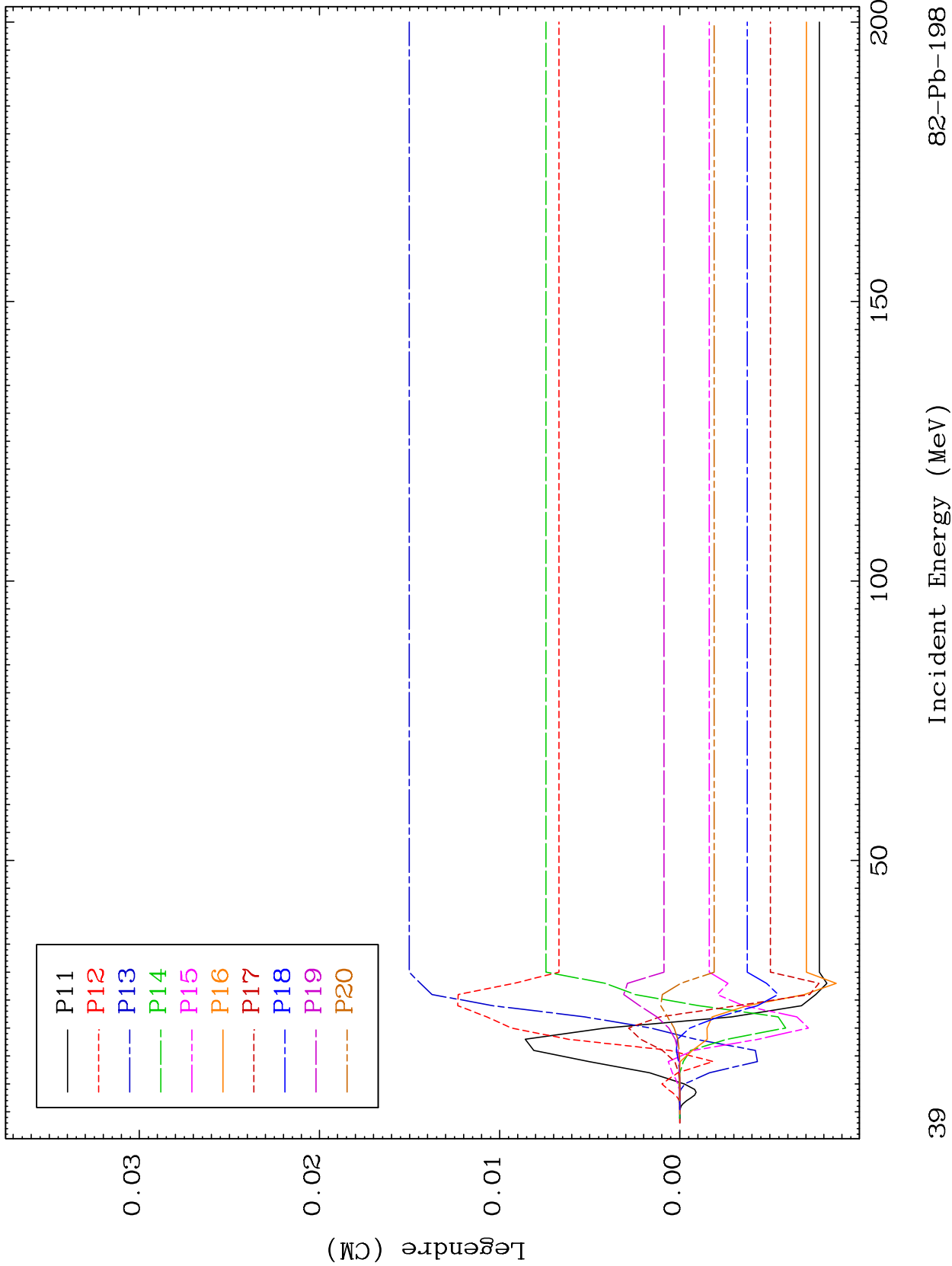
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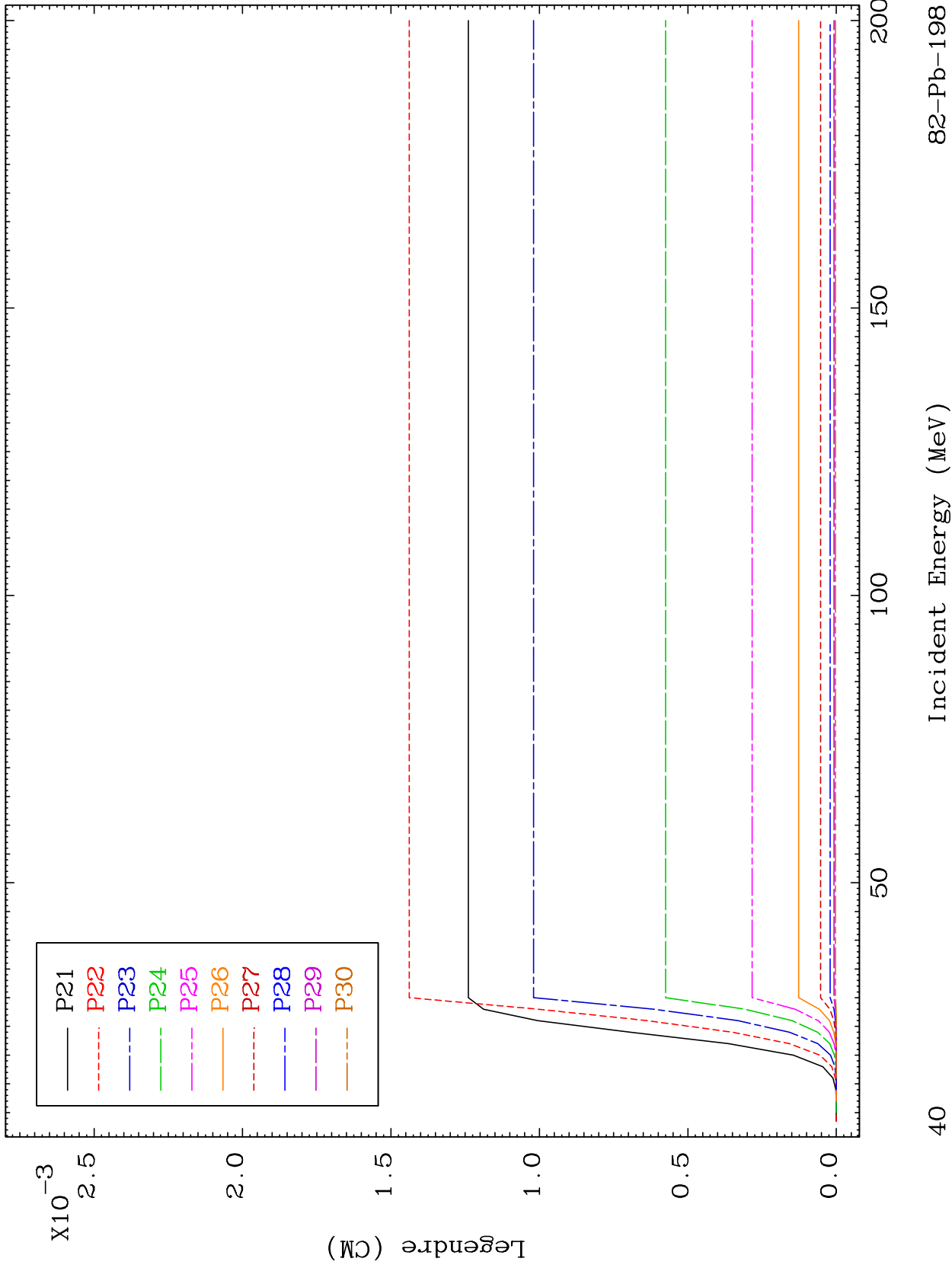


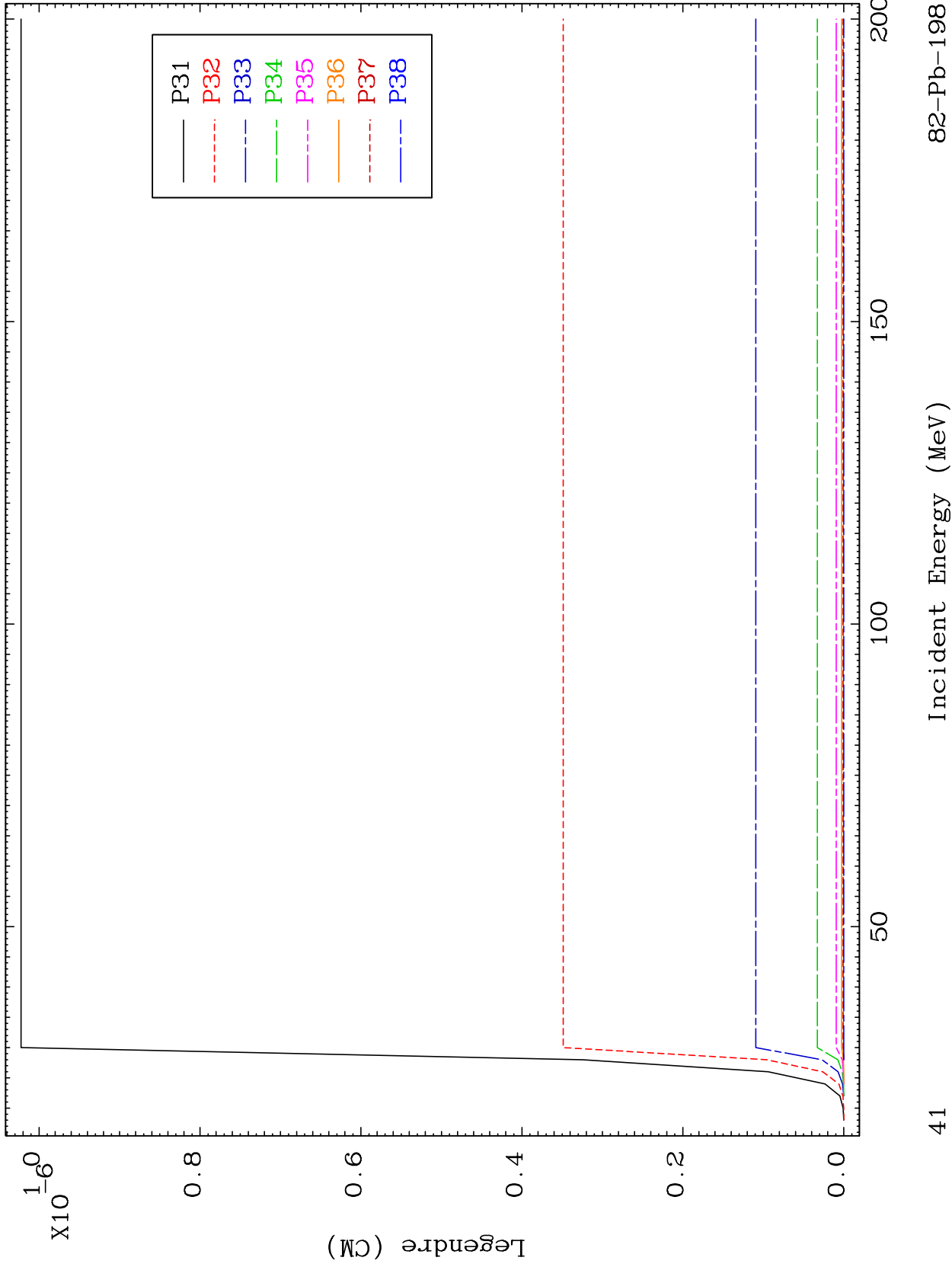


MAT 8207

1.981 MeV (n,n') Level
Legendre Coefficients

82-Pb-198

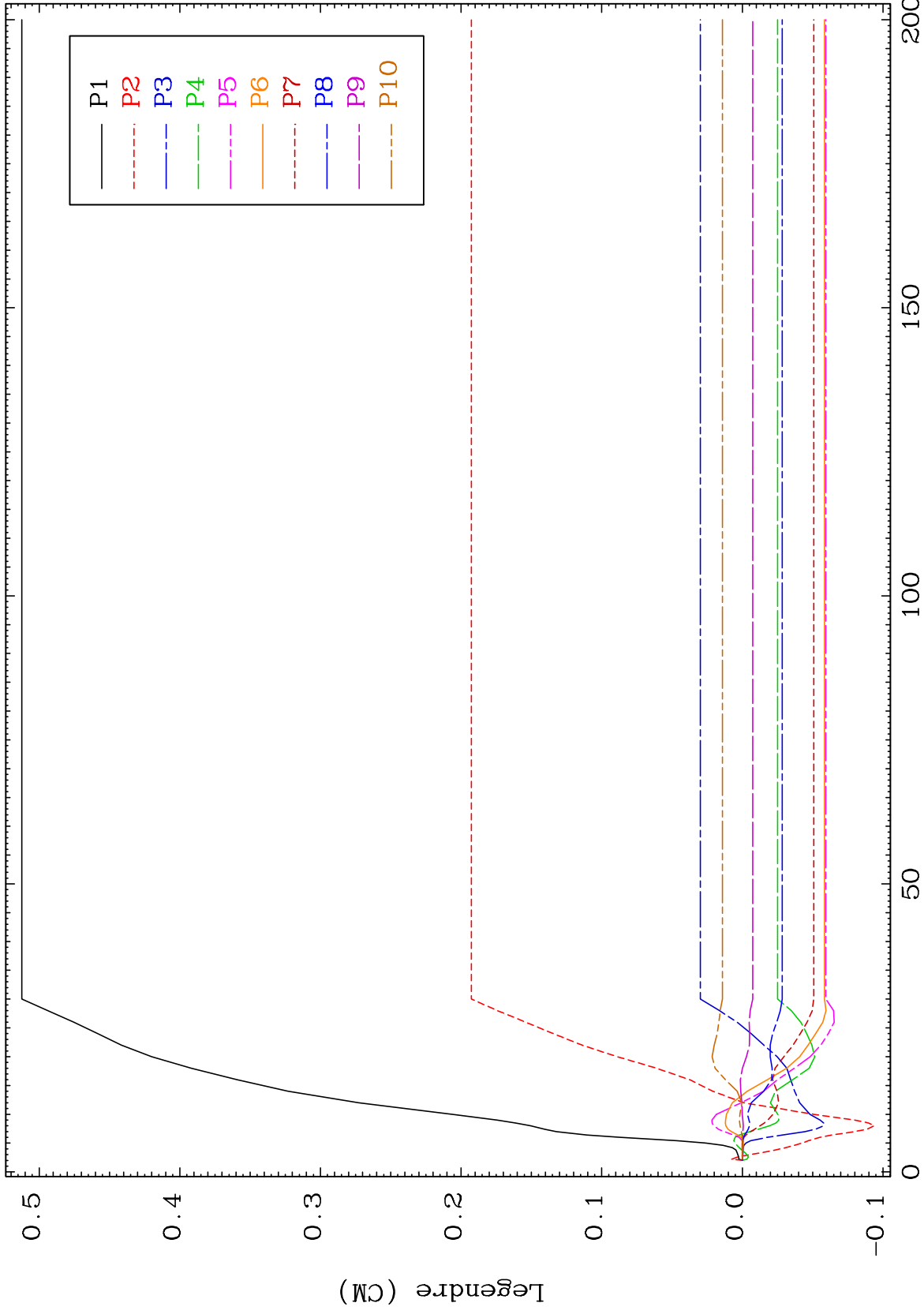




MAT 8207

1.996 MeV (n,n') Level
Legendre Coefficients

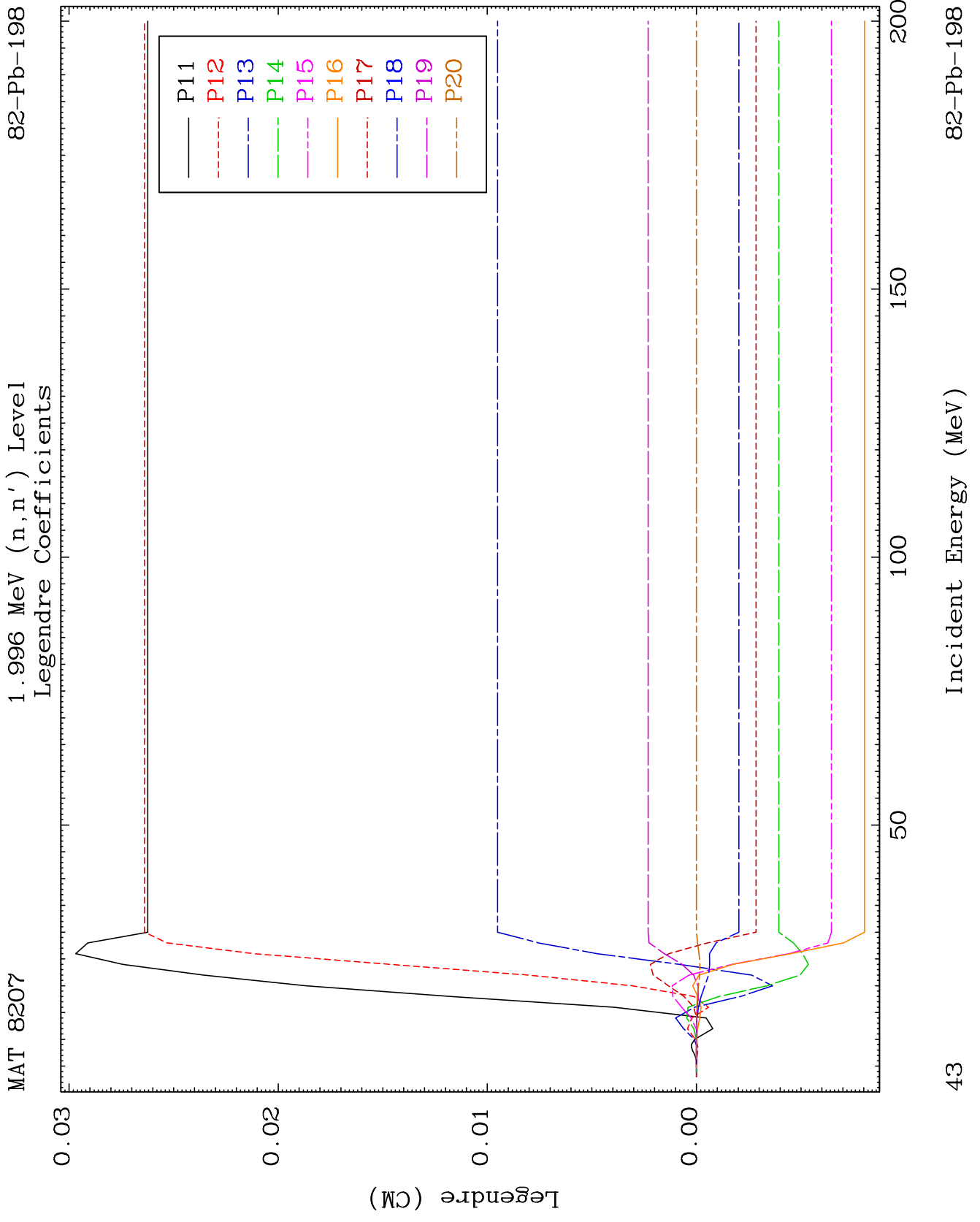
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82-Pb-198

Incident Energy (MeV)

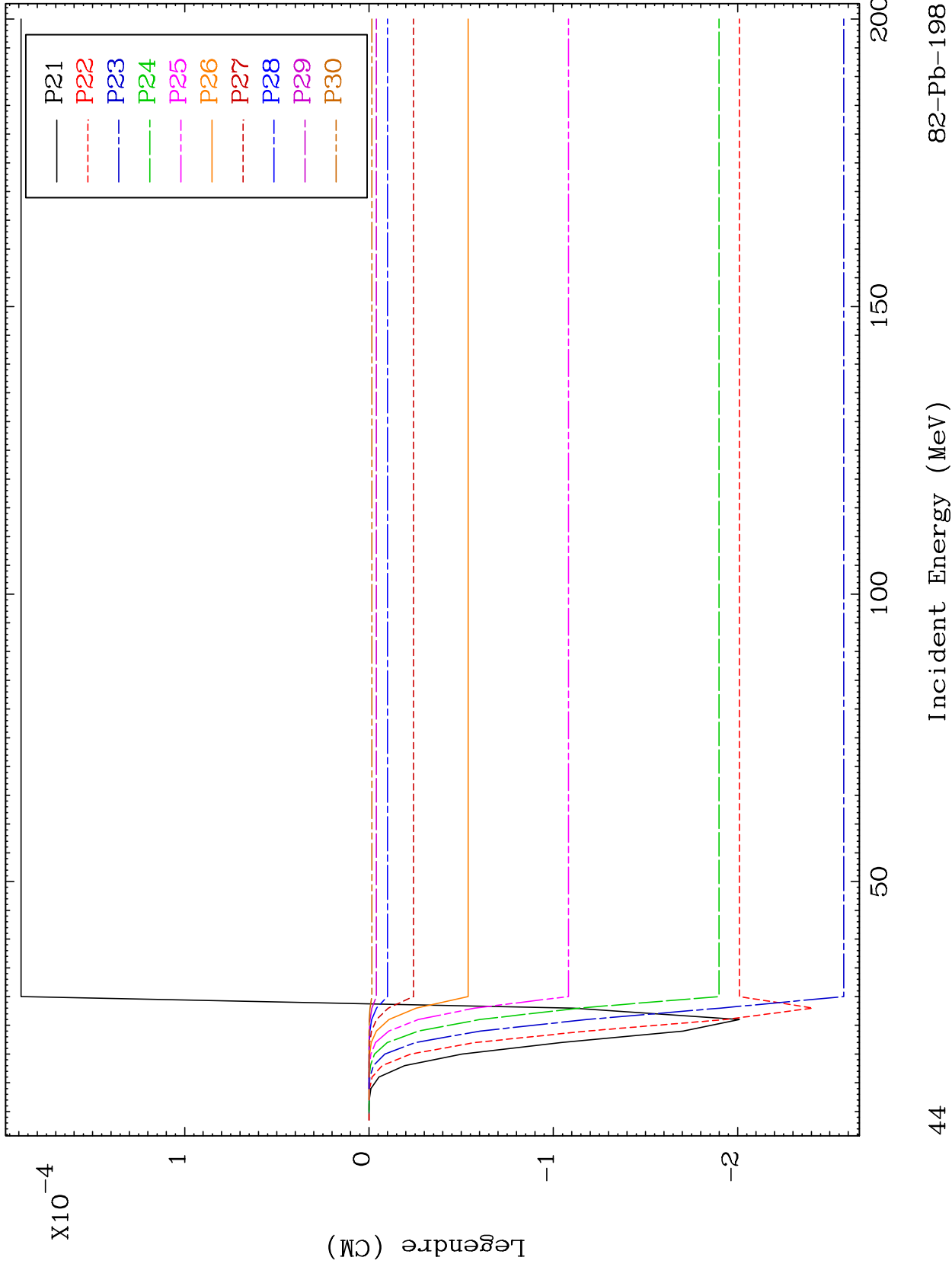
42



MAT 8207

1.996 MeV (n,n') Level
Legendre Coefficients

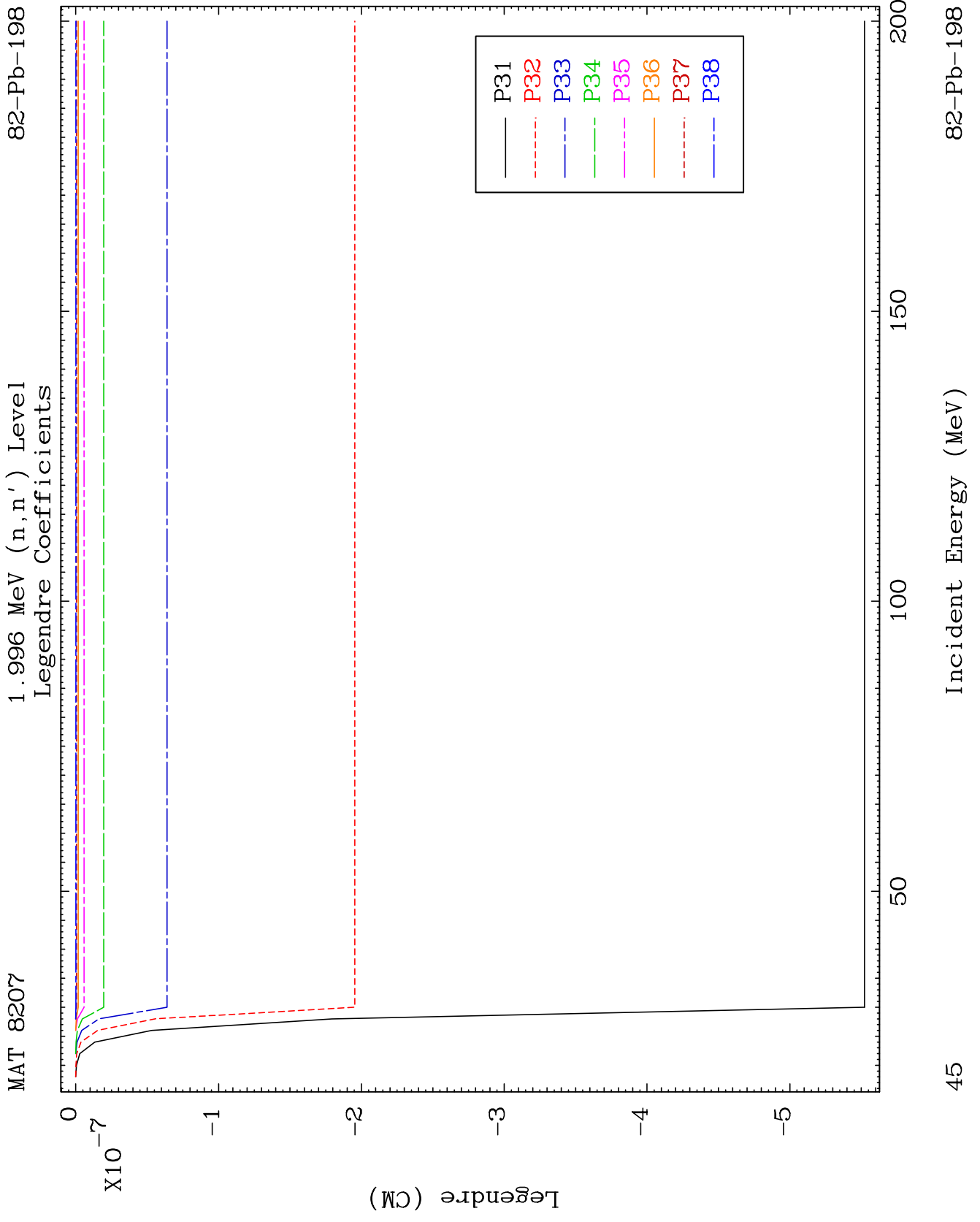
82-Pb-198



44

Incident Energy (MeV)

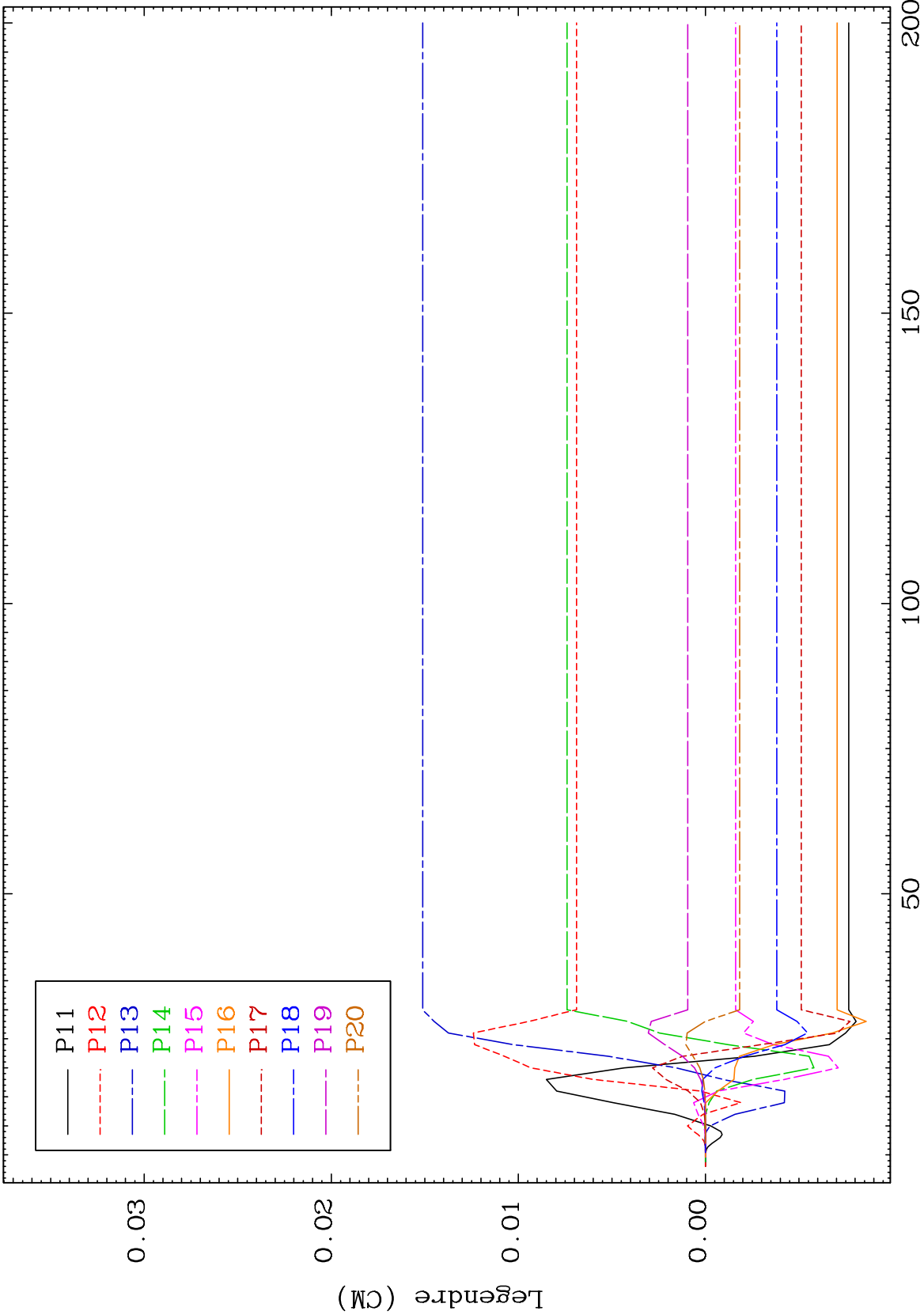
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MAT 8207

2.099 MeV (n,n') Level
Legendre Coefficients

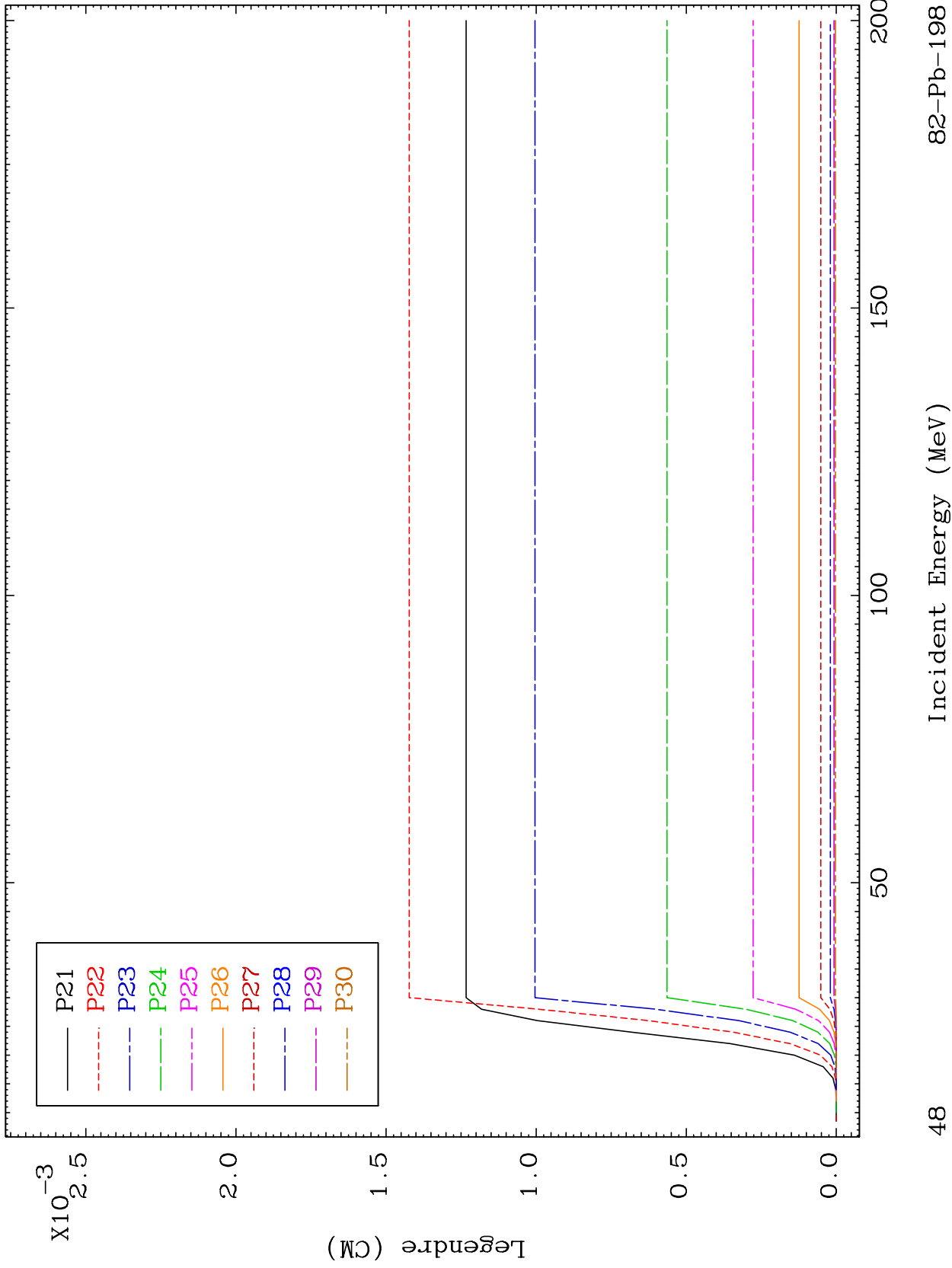
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MAT 8207

2.099 MeV (n, n') Level
Legendre Coefficients

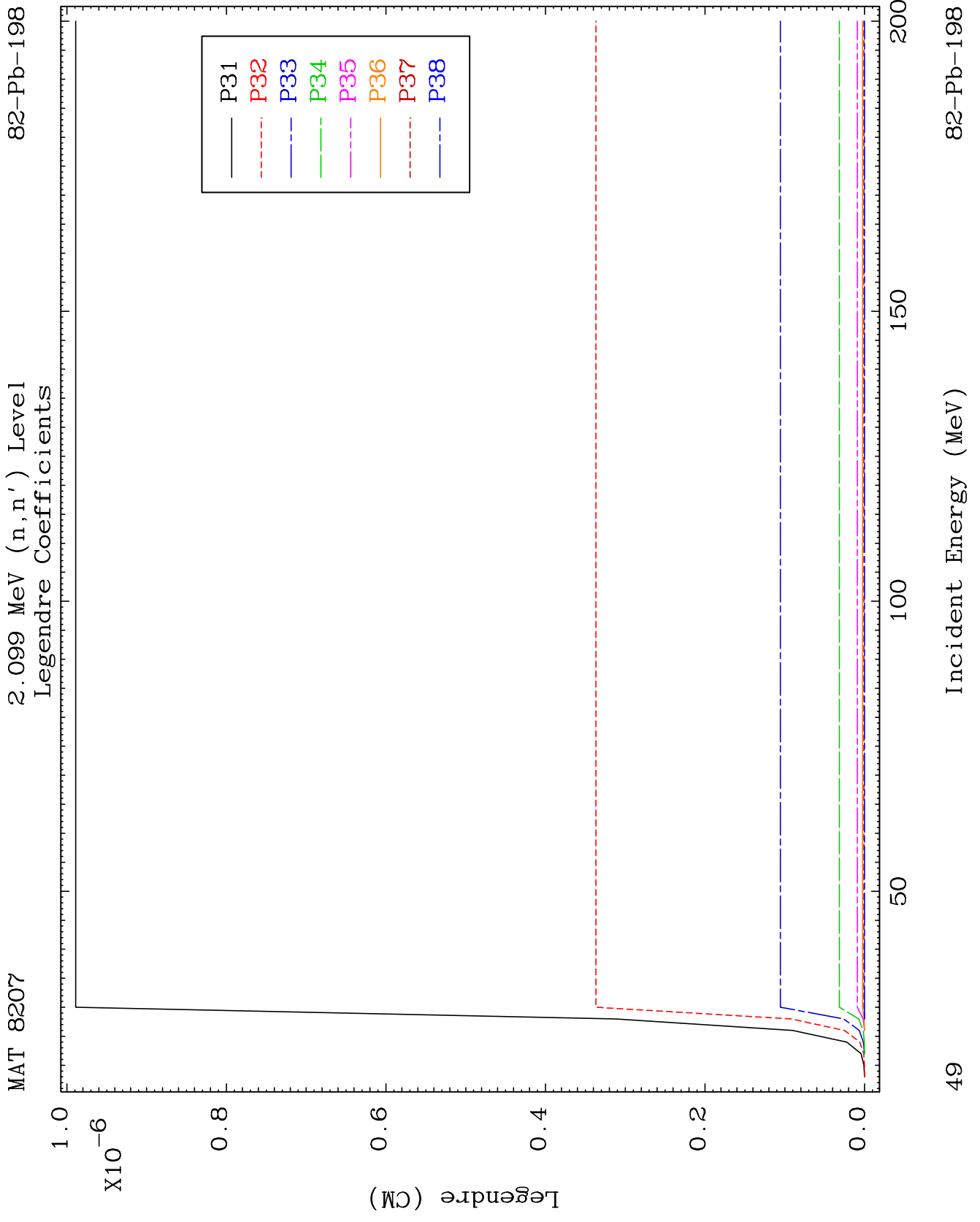
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48

Incident Energy (MeV)

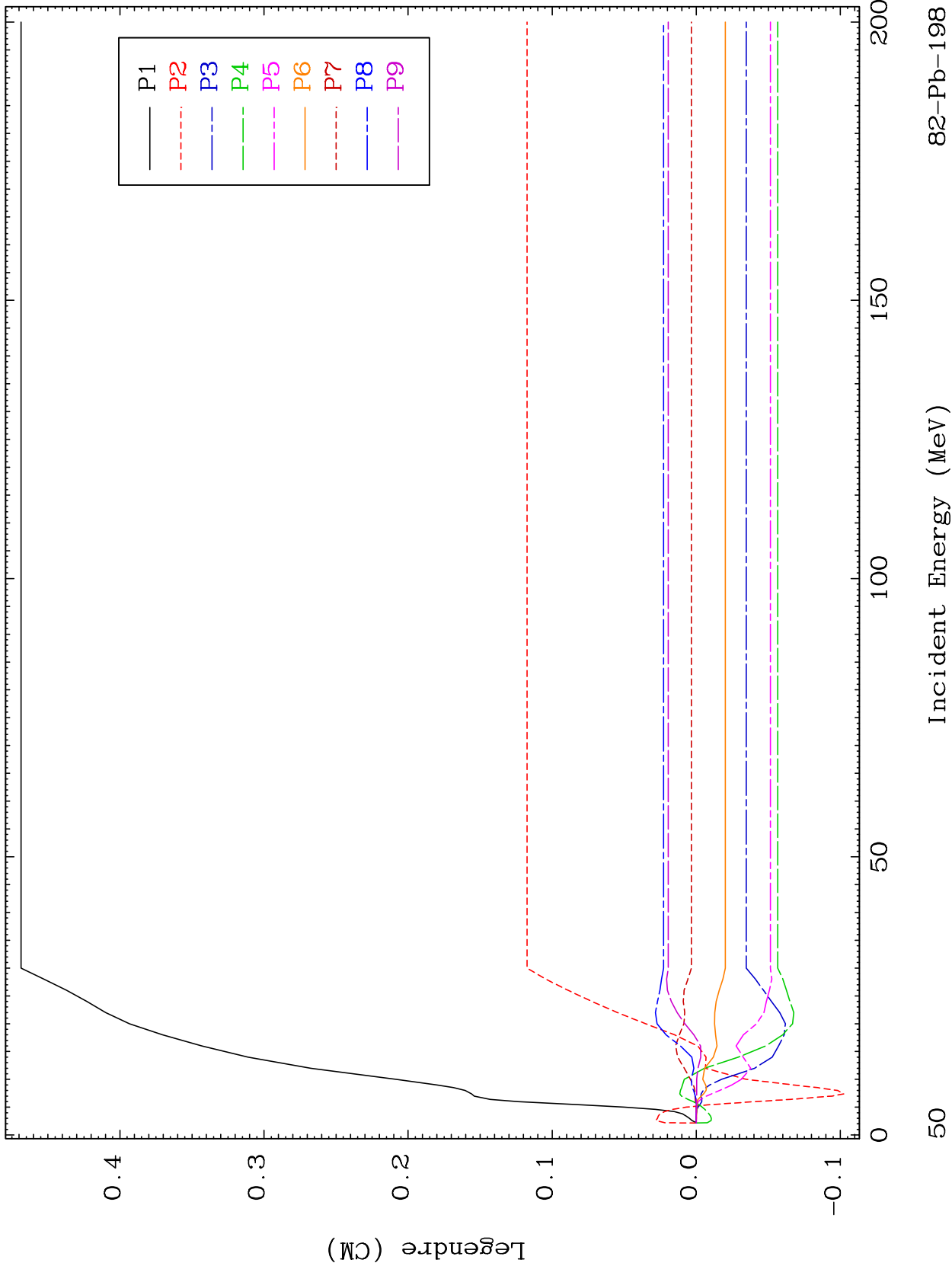
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MAT 8207

2.141 MeV (n,n') Level
Legendre Coefficients

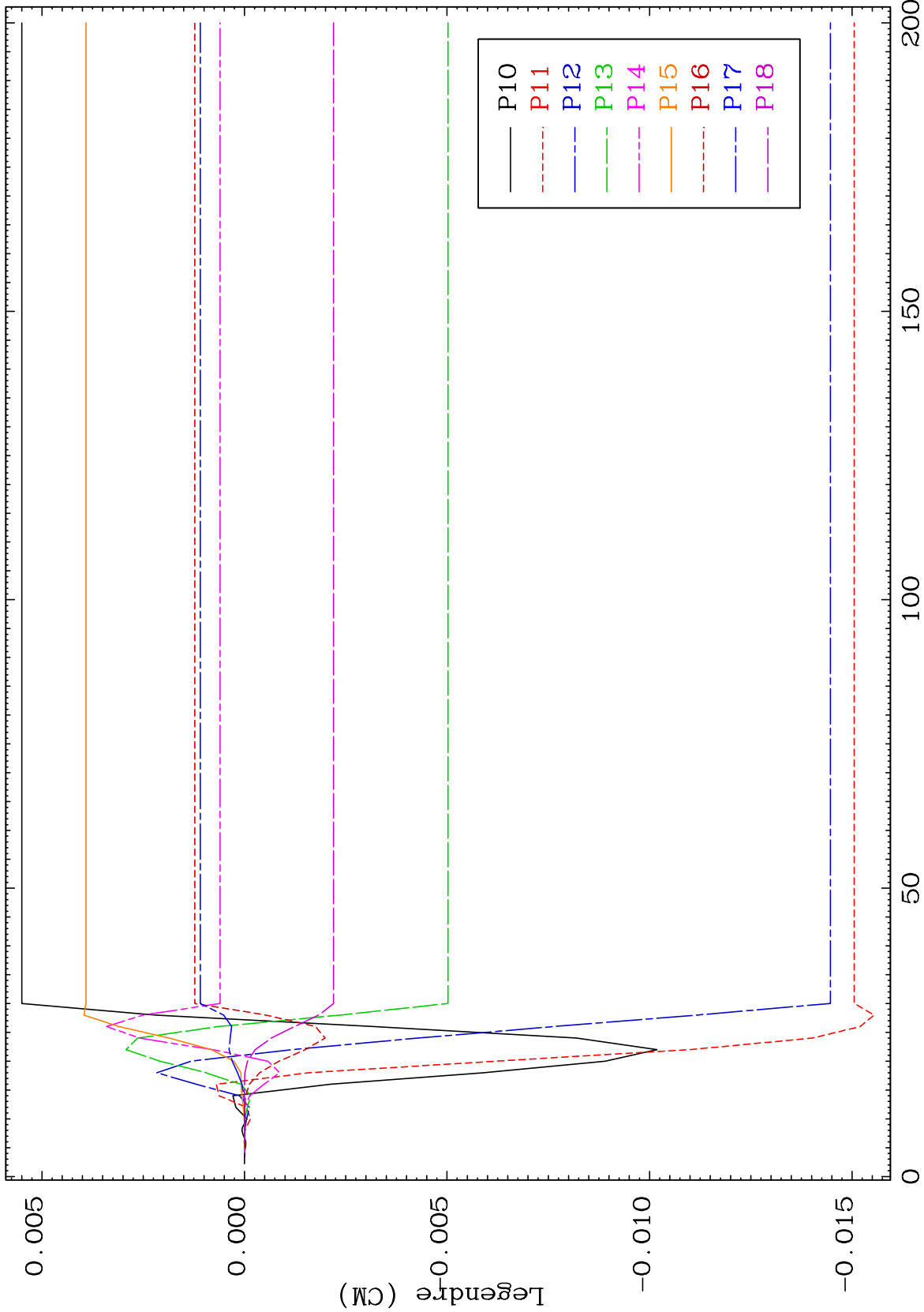
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82-Pb-198

Incident Energy (MeV)

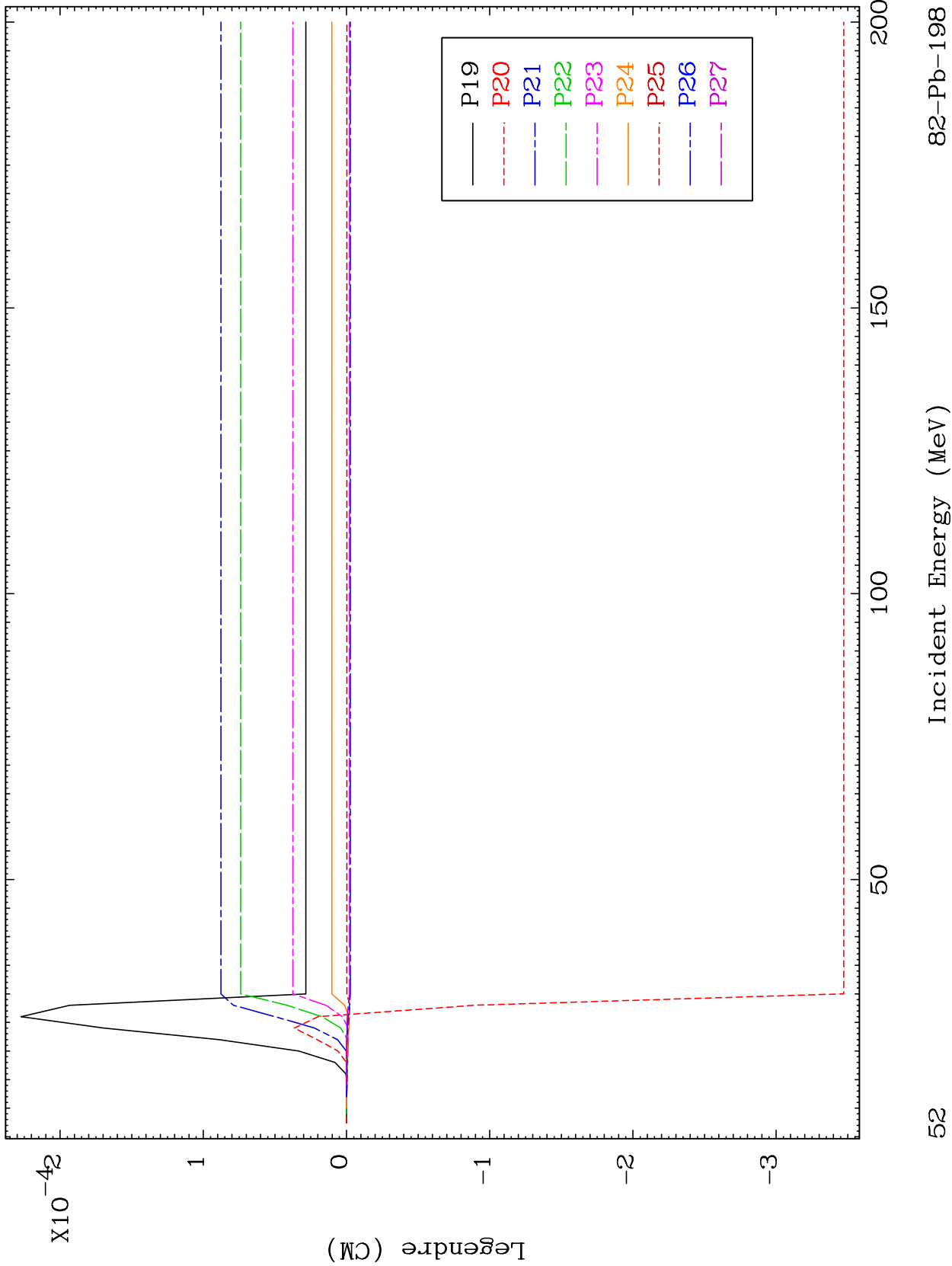
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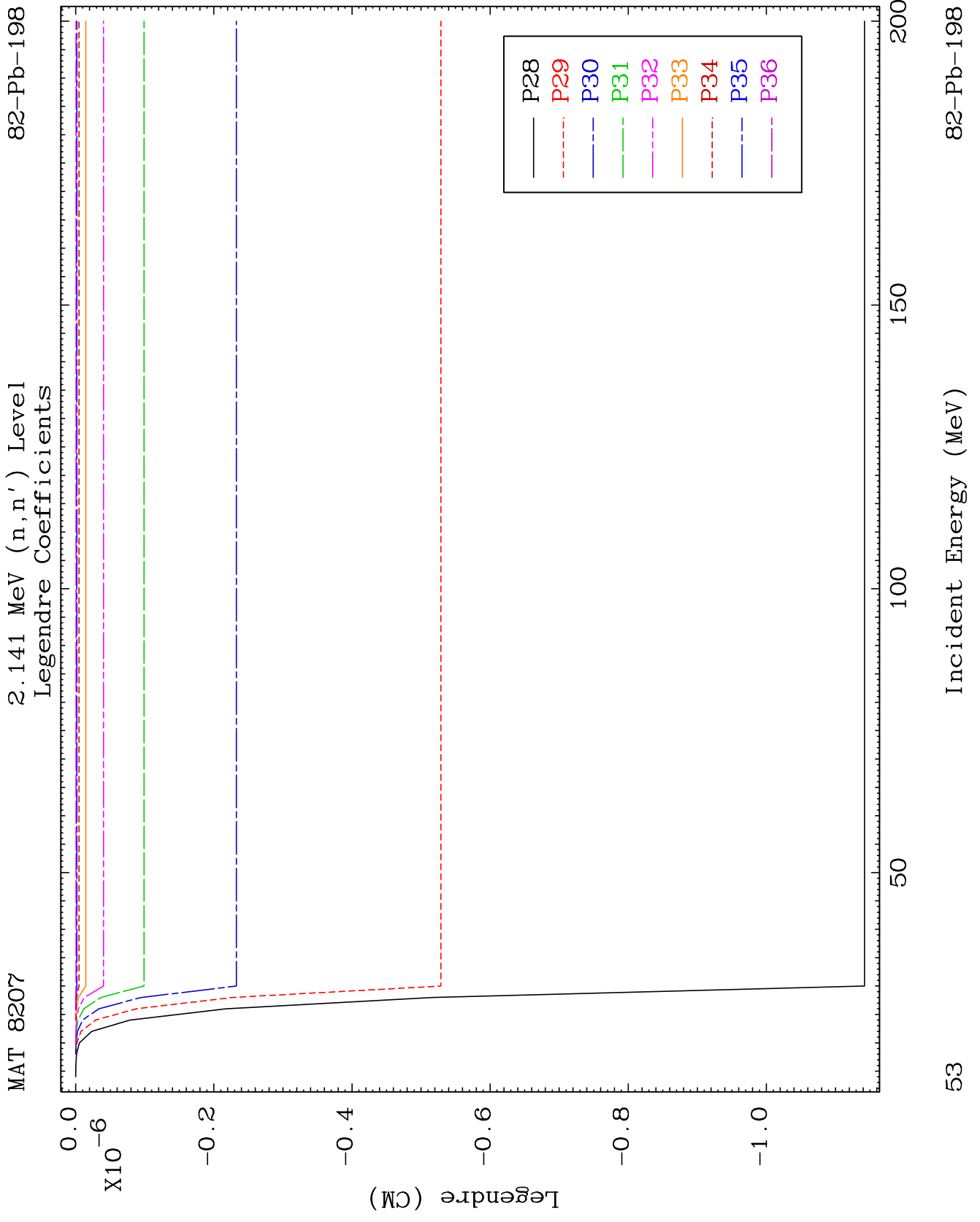


MAT 8207

2.141 MeV (n, n') Level
Legendre Coefficients

82-Pb-198

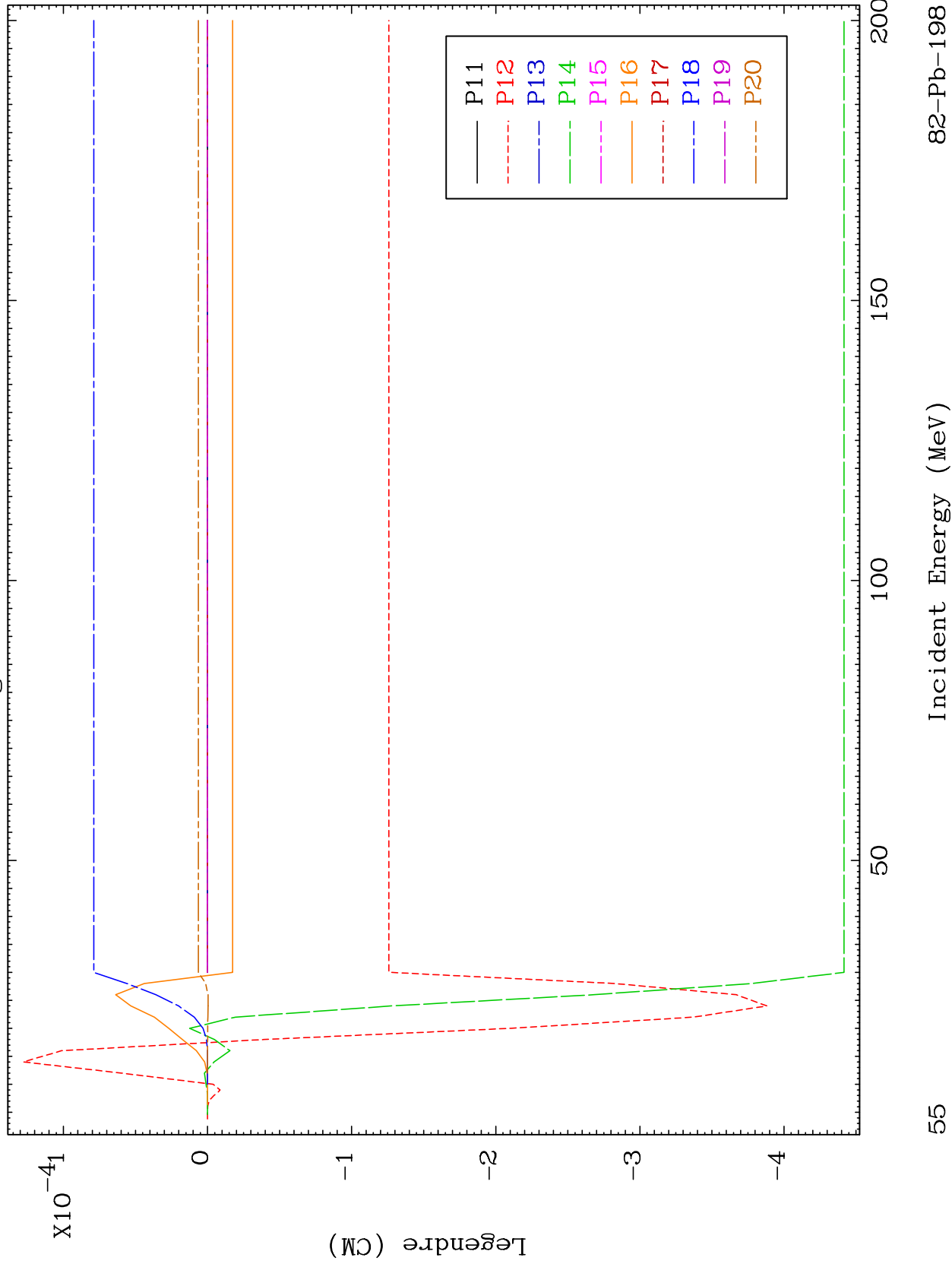




MAT 8207

2.191 MeV (n,n') Level
Legendre Coefficients

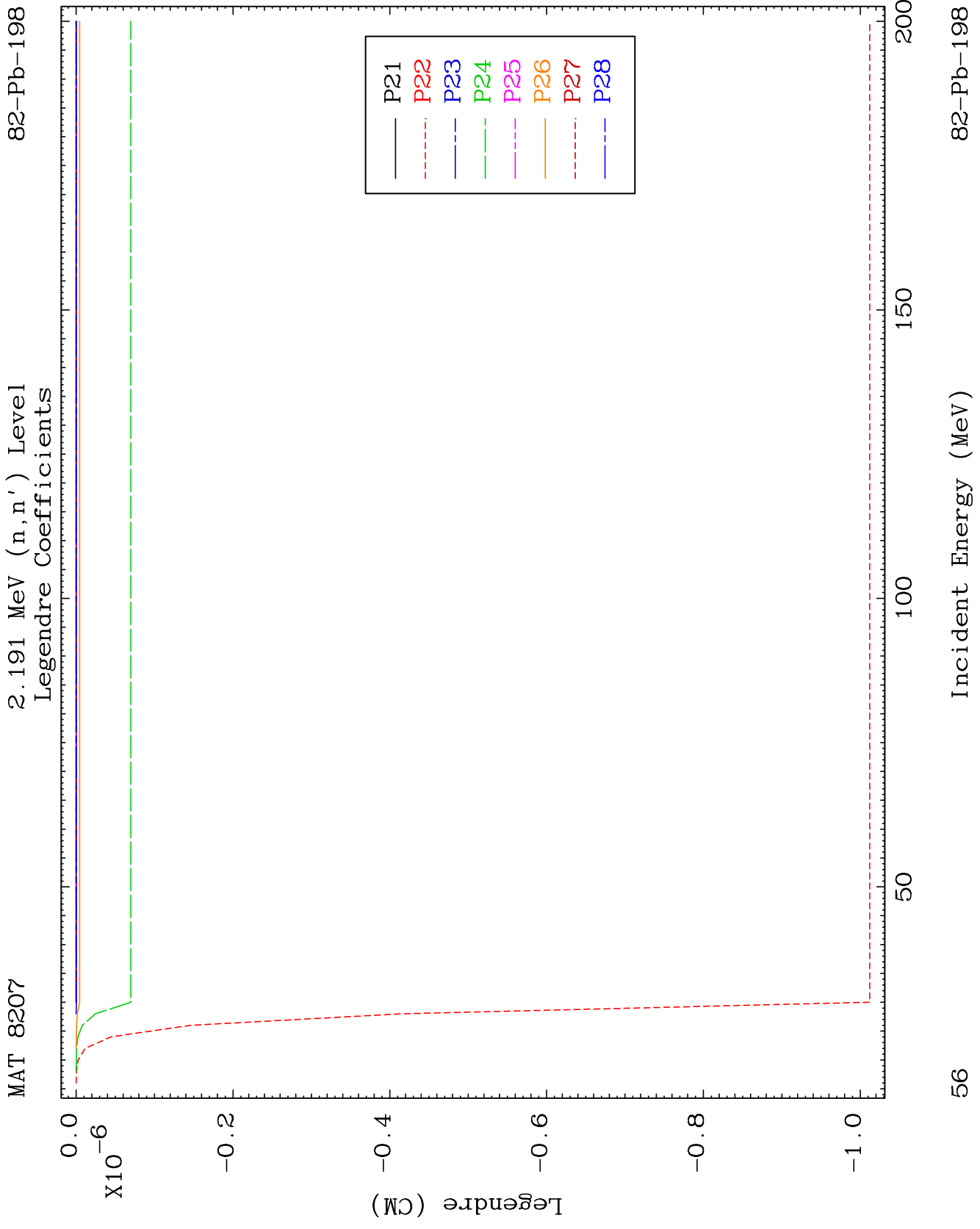
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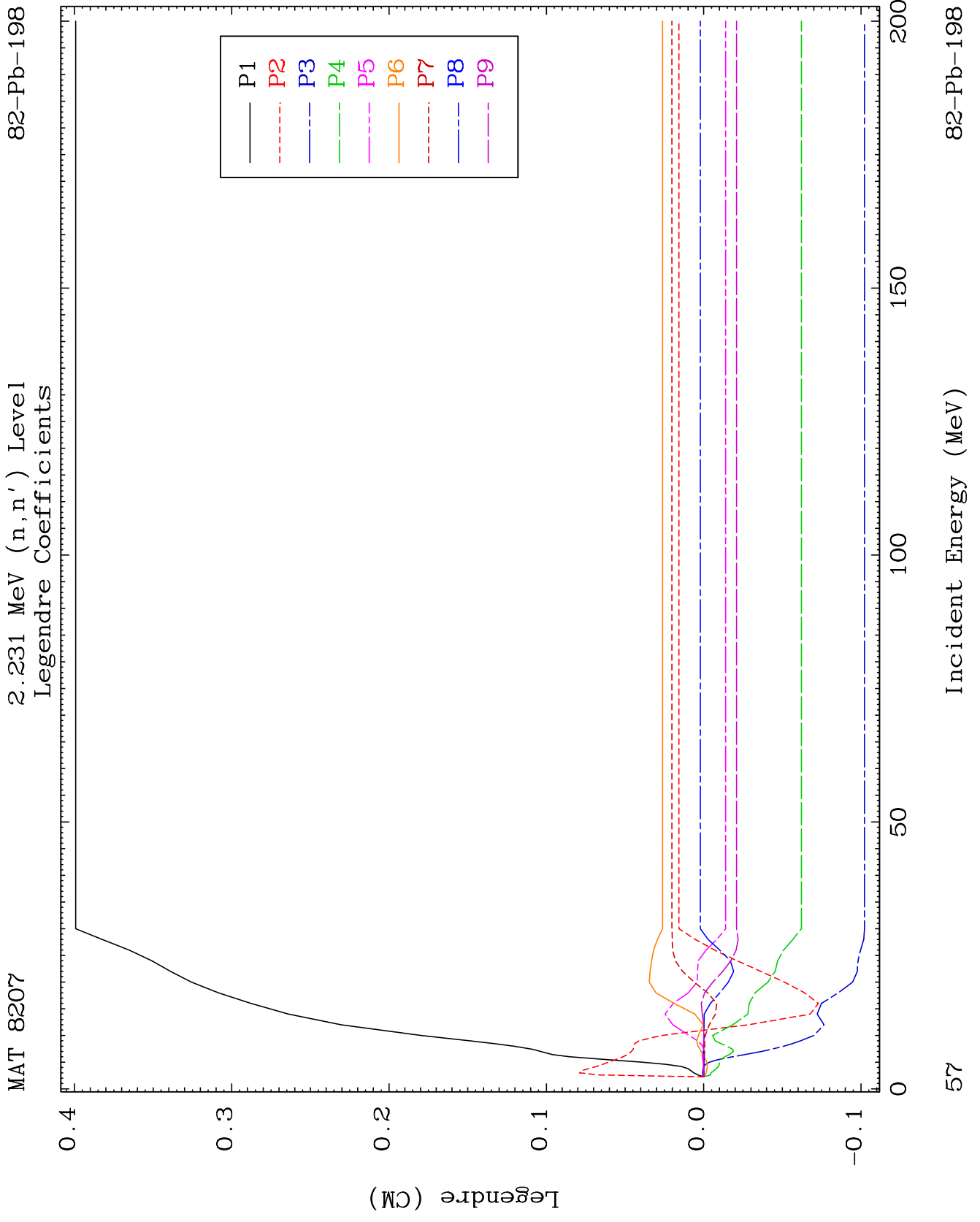


55

Incident Energy (MeV)

82-Pb-198

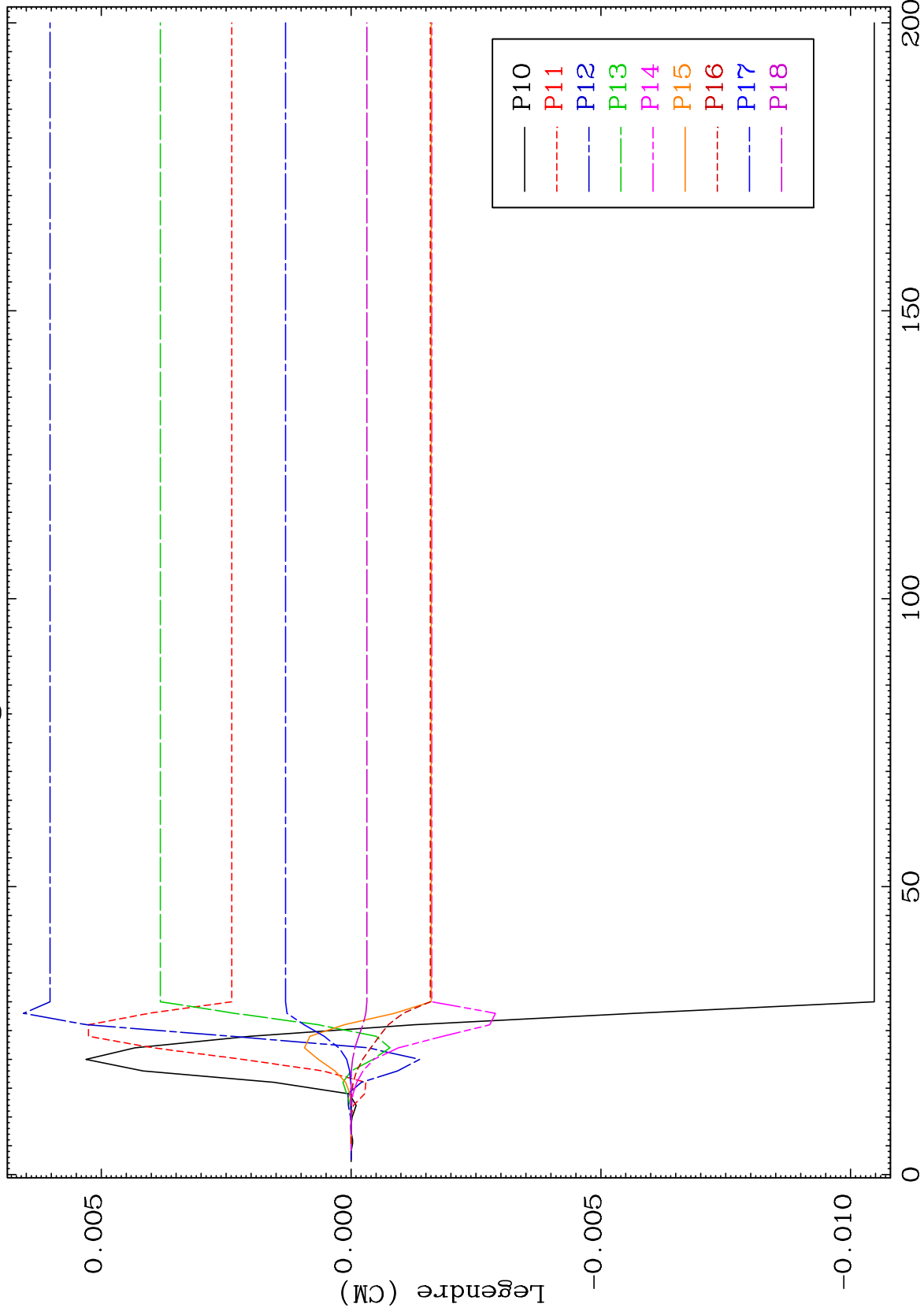




MAT 8207

2.231 MeV (n,n') Level
Legendre Coefficients

82-Pb-198



58

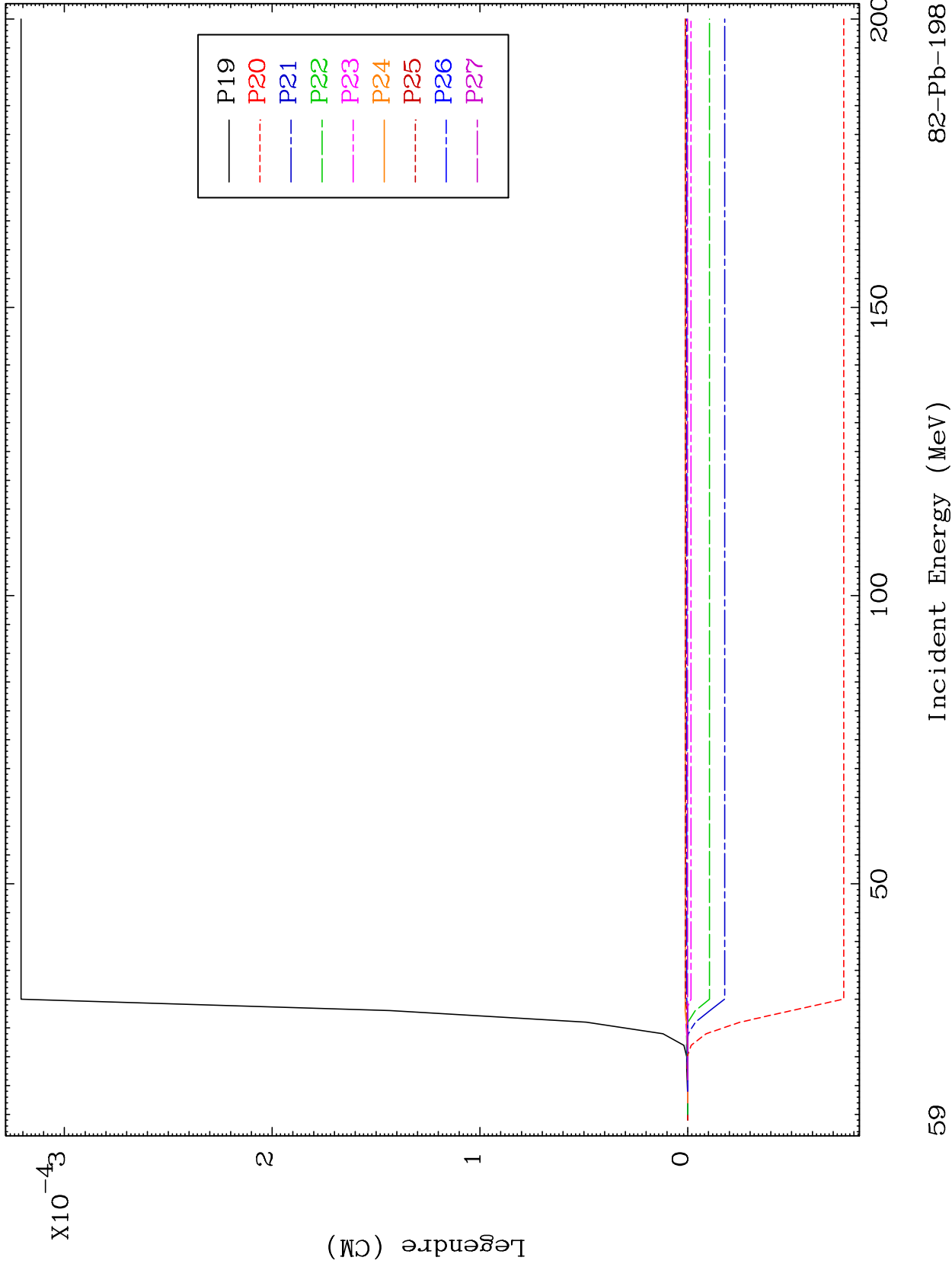
Incident Energy (MeV)

82-Pb-198

MAT 8207

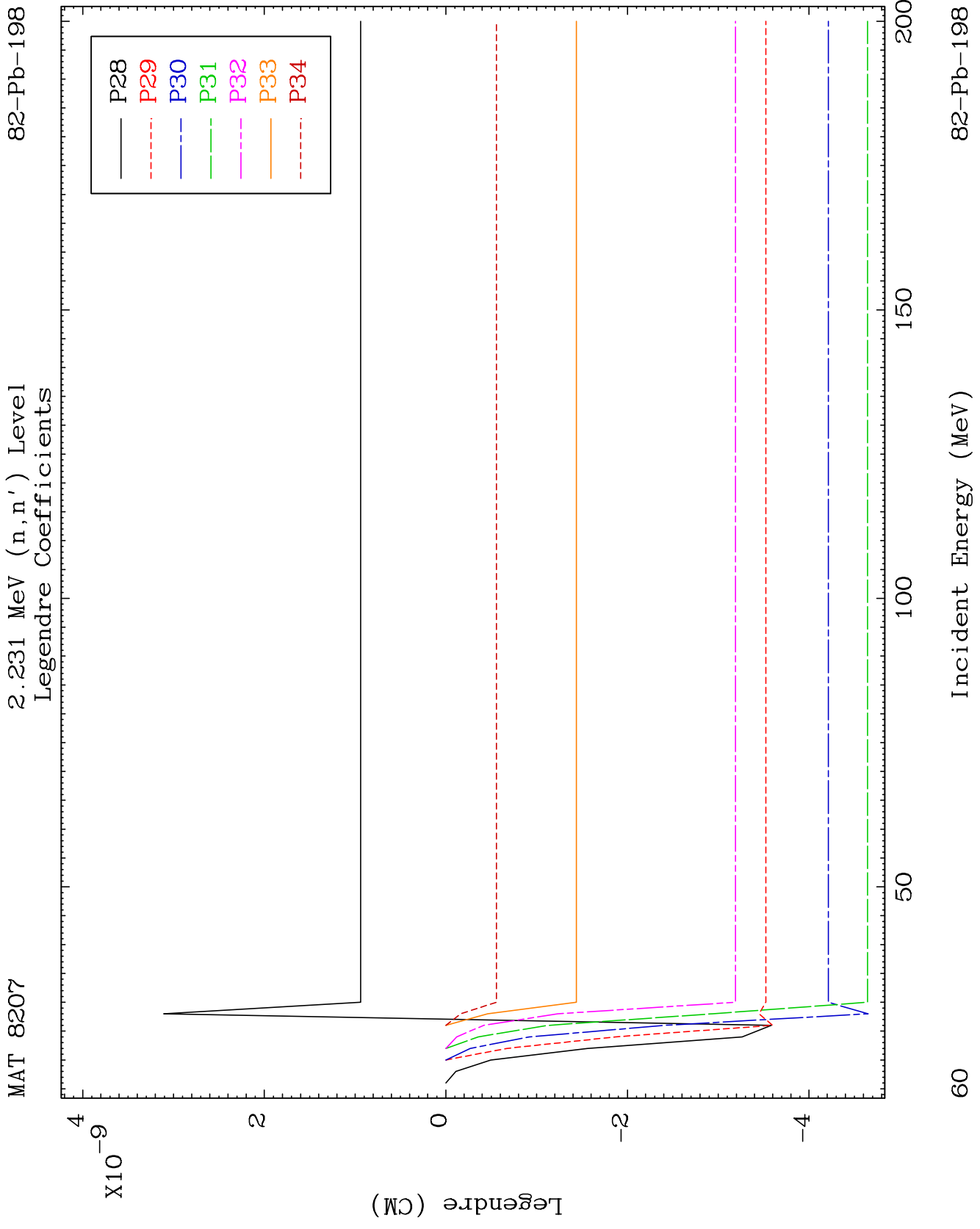
2.231 MeV (n, n') Level
Legendre Coefficients

82-Pb-198



59

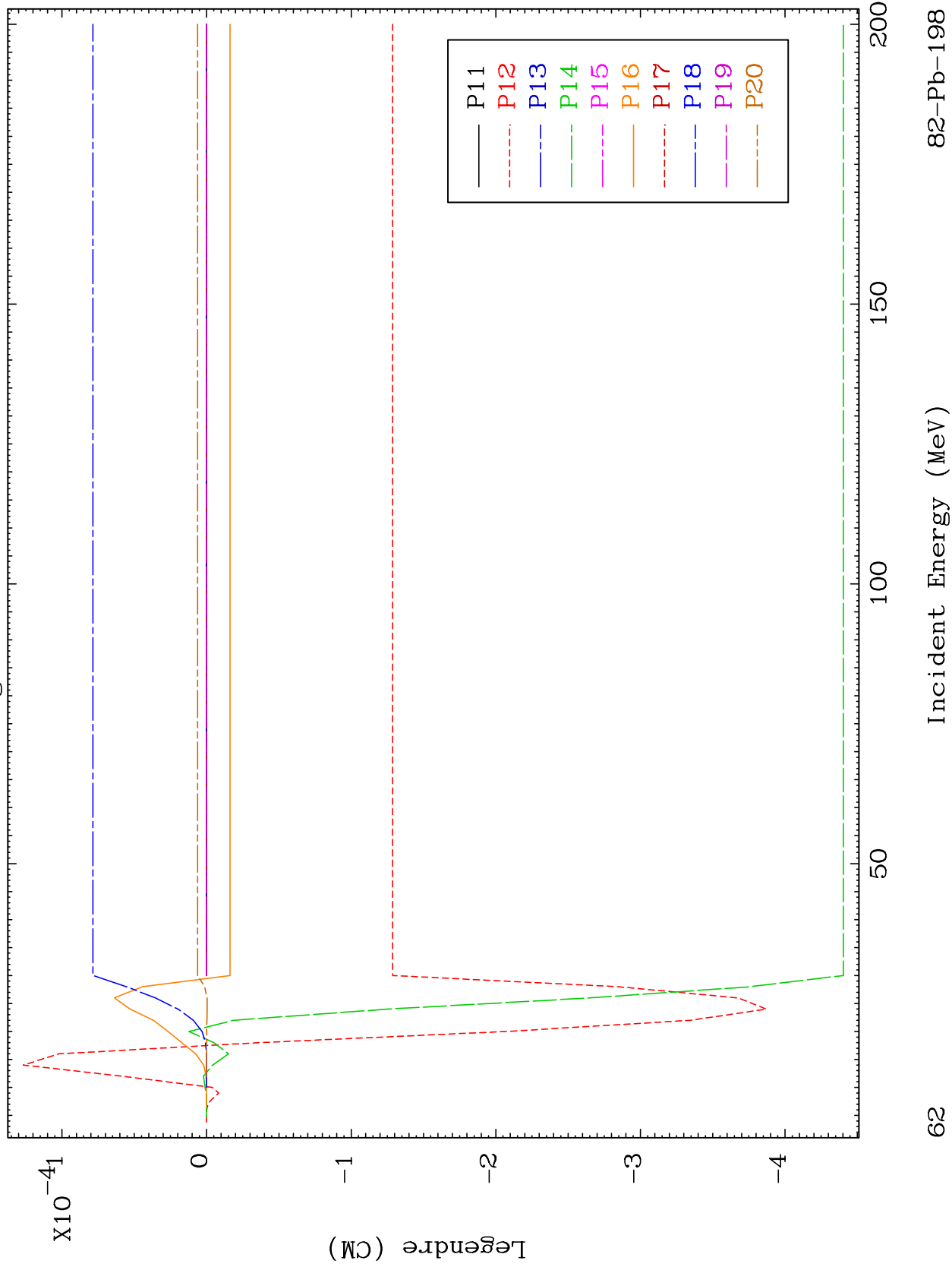
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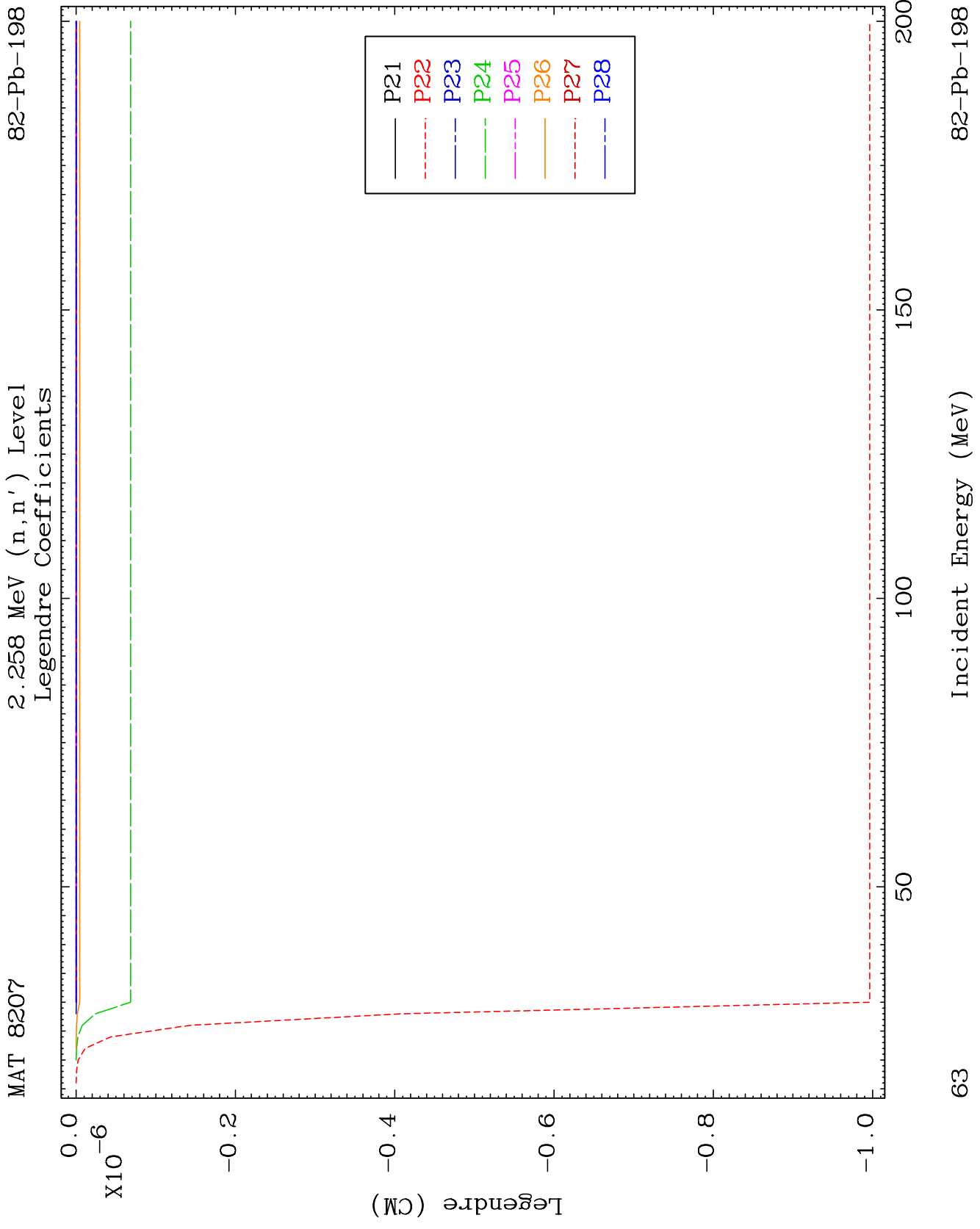


MAT 8207

2.258 MeV (n,n') Level
Legendre Coefficients

82-Pb-198

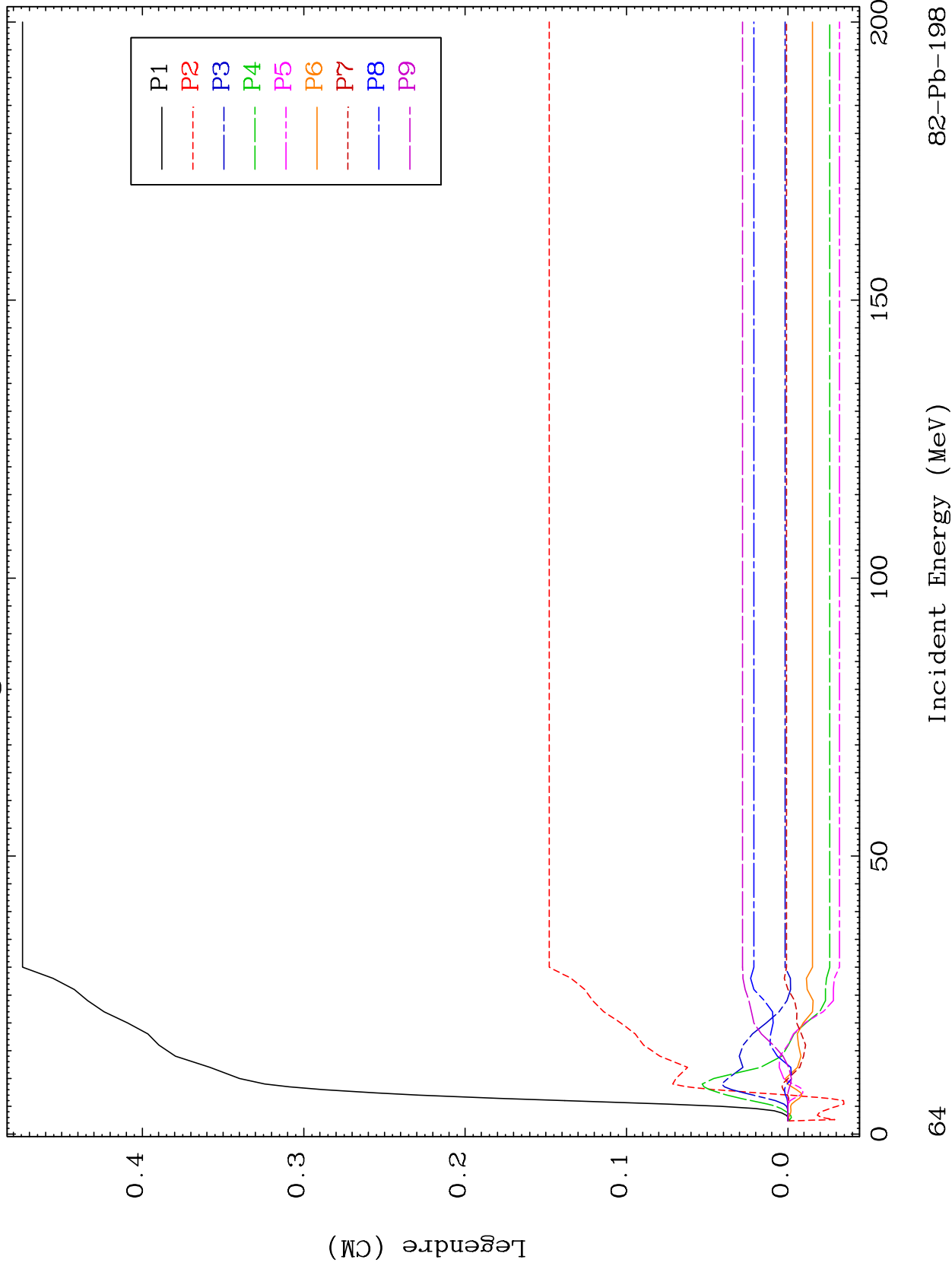




MAT 8207

2.342 MeV (n,n') Level
Legendre Coefficients

82-Pb-198



64

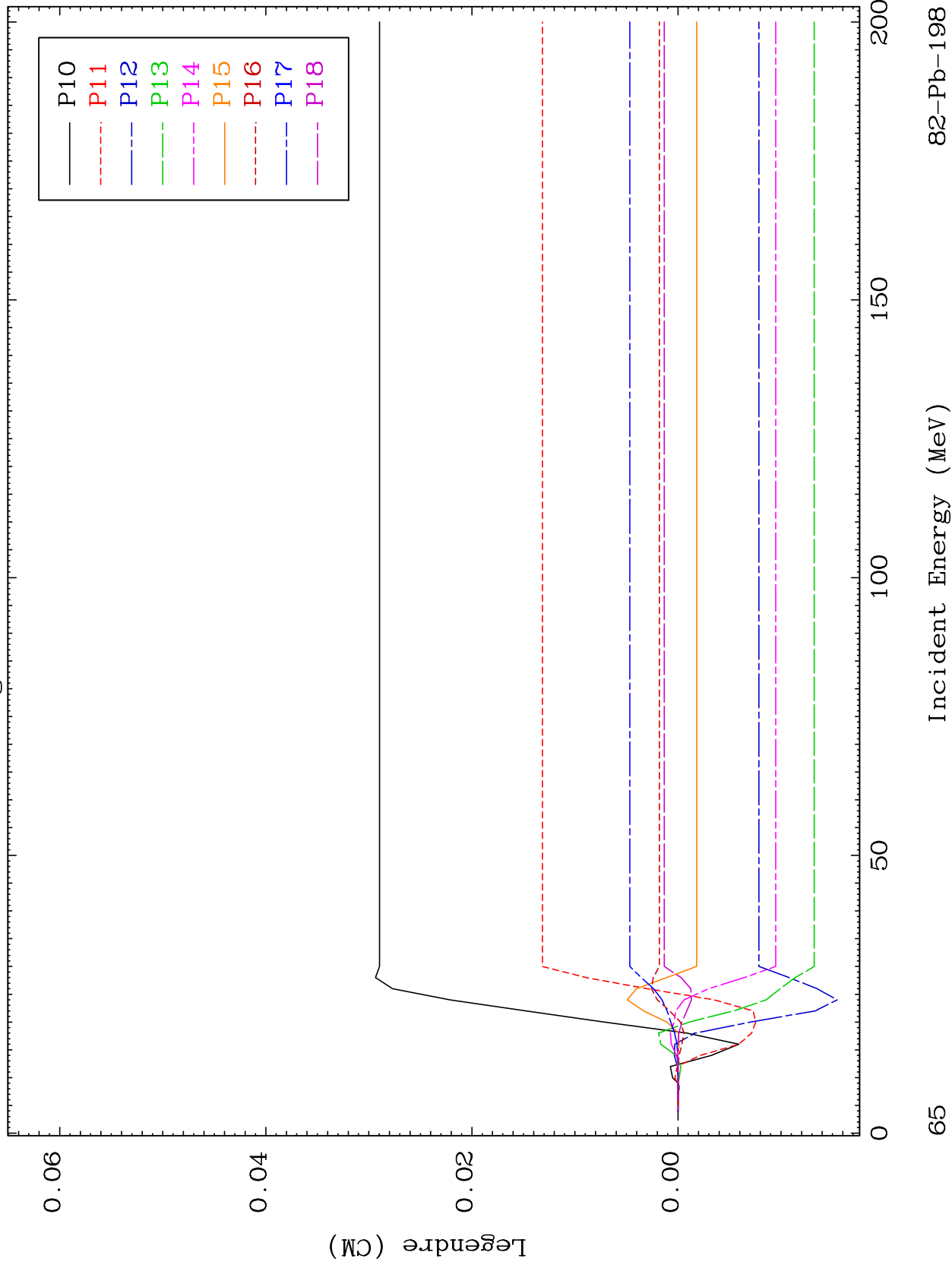
Incident Energy (MeV)

82-Pb-198

MAT 8207

2.342 MeV (n,n') Level
Legendre Coefficients

82-Pb-198



82-Pb-198

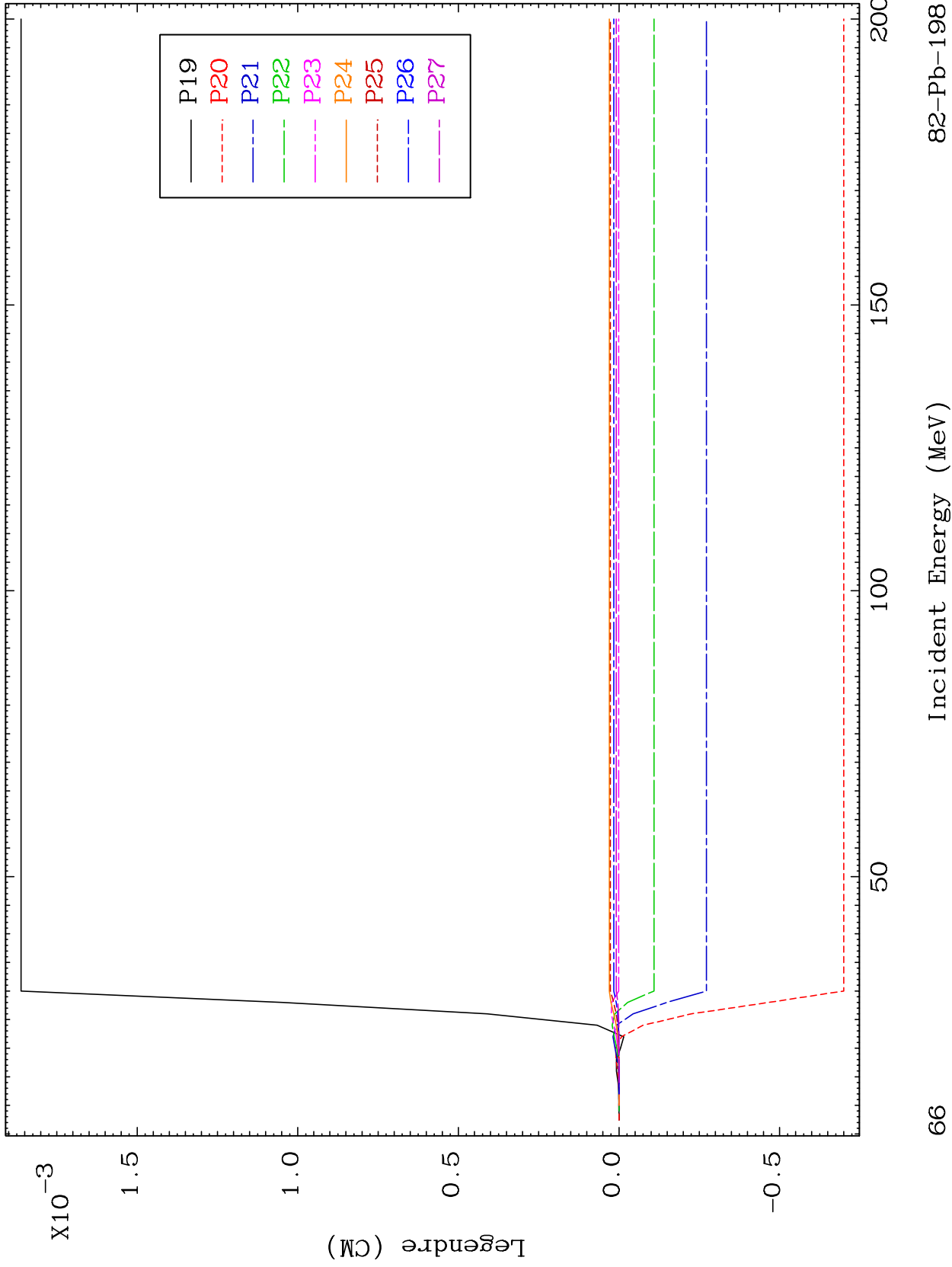
Incident Energy (MeV)

65

MAT 8207

2.342 MeV (n,n') Level
Legendre Coefficients

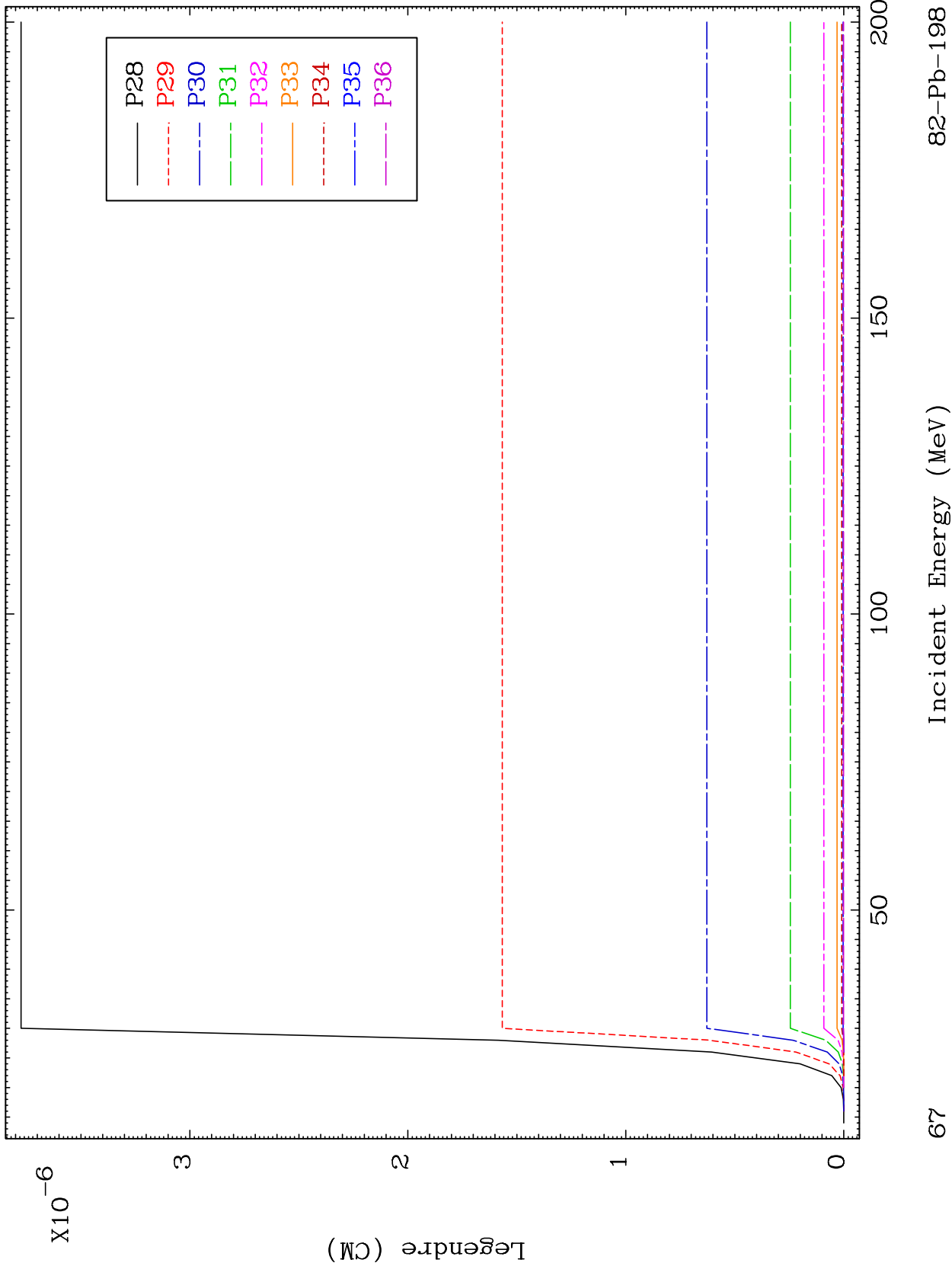
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MAT 8207

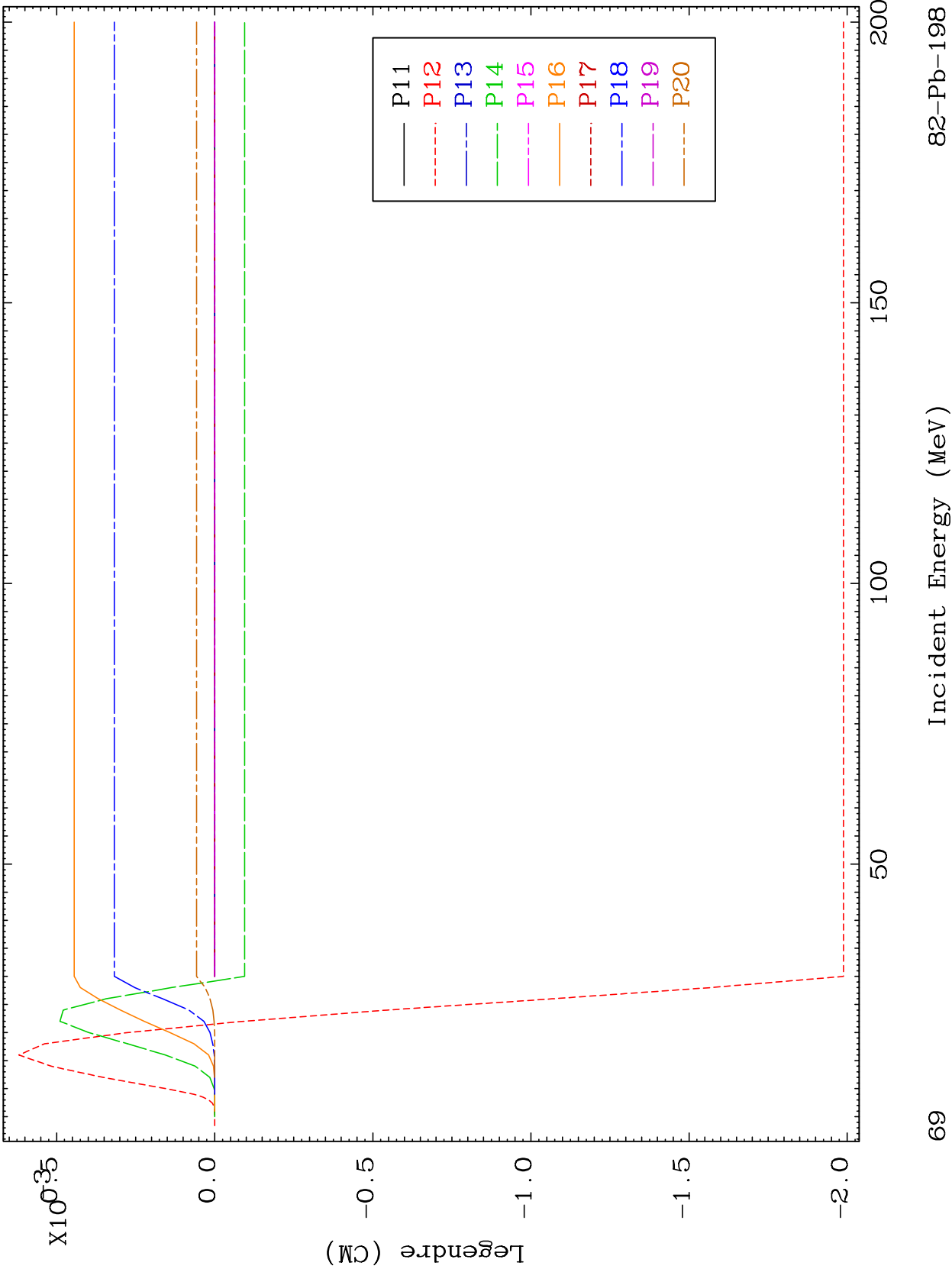
2.342 MeV (n,n') Level
Legendre Coefficients

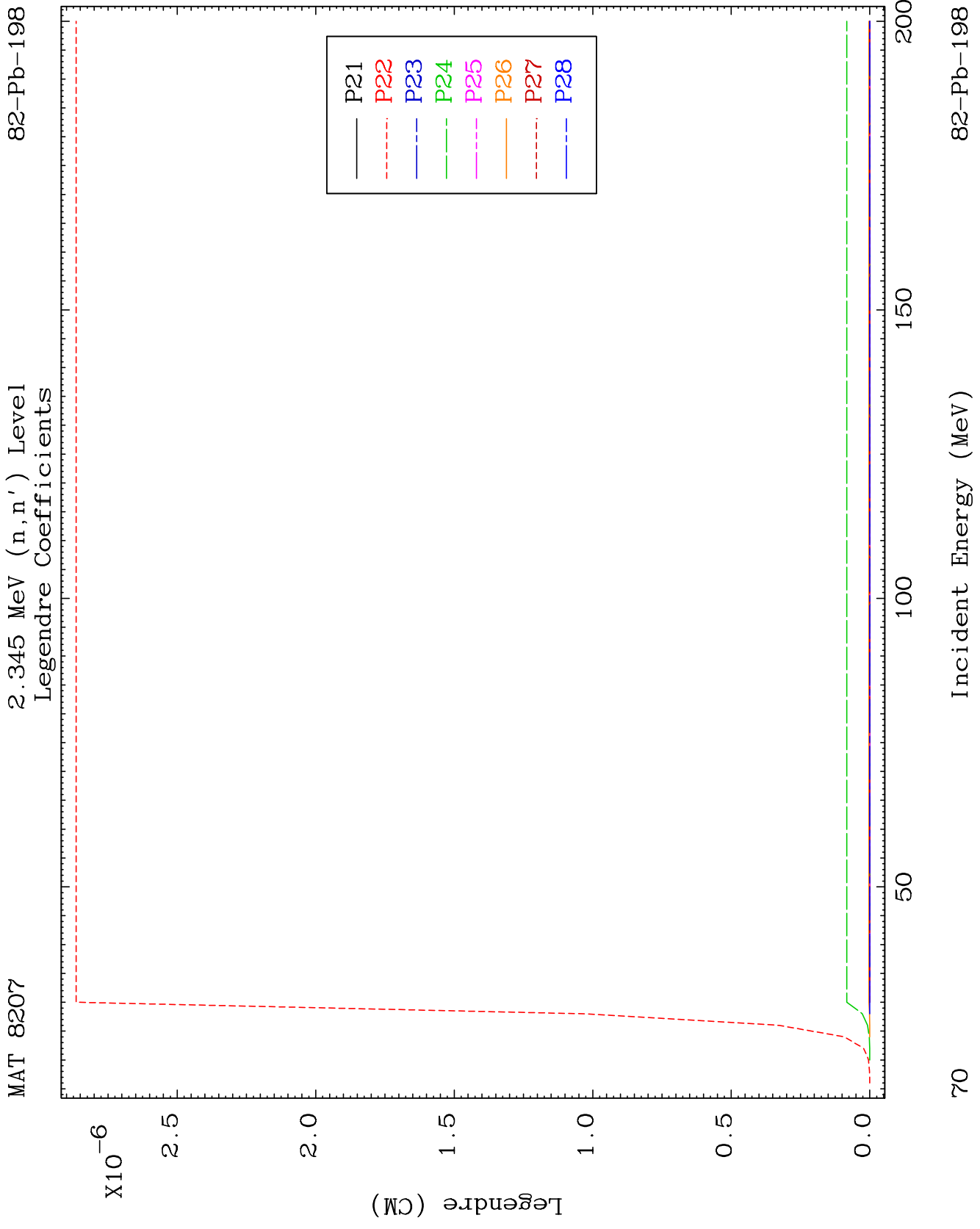
82-Pb-198



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82-Pb-198

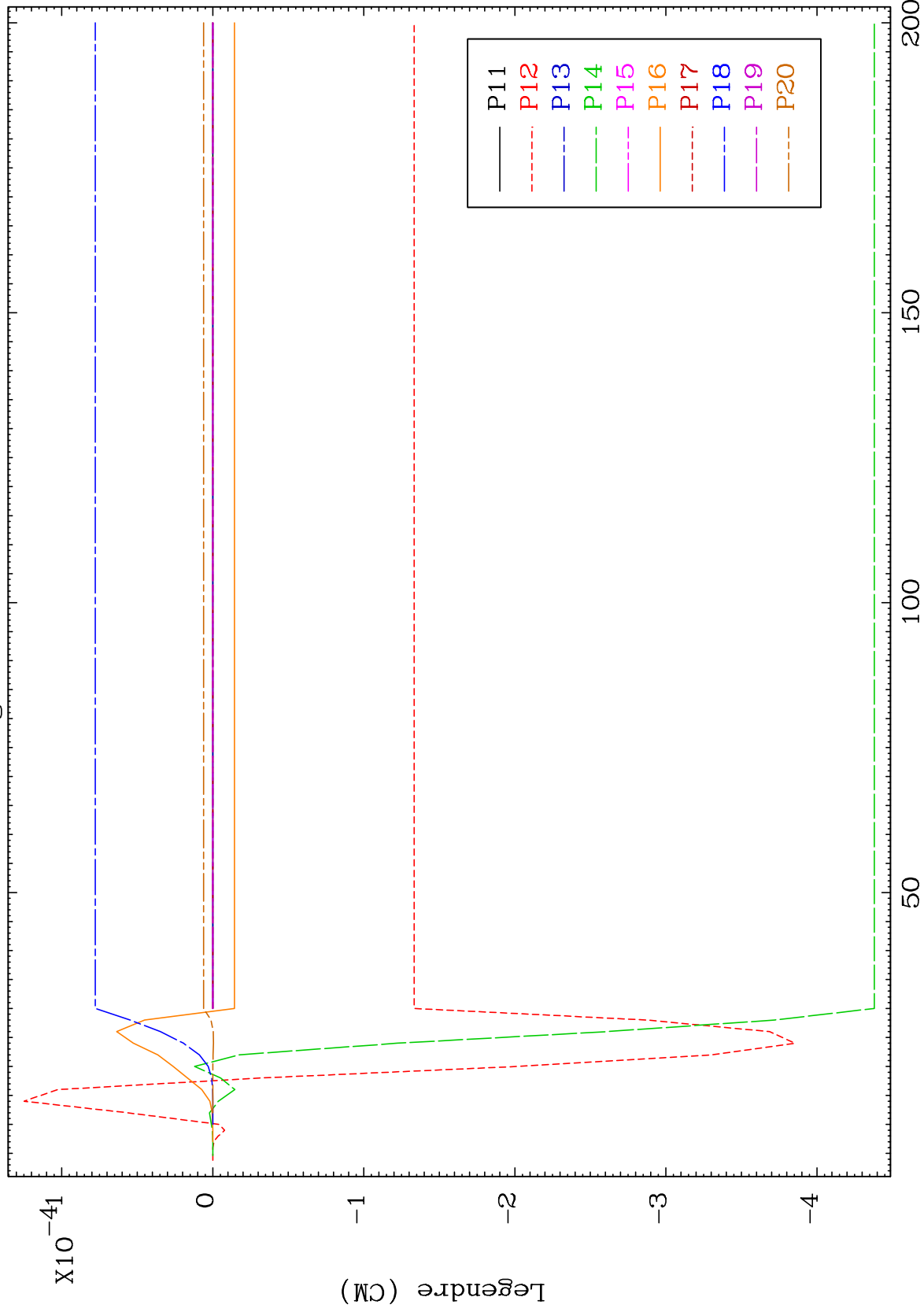




MAT 8207

2.370 MeV (n,n') Level
Legendre Coefficients

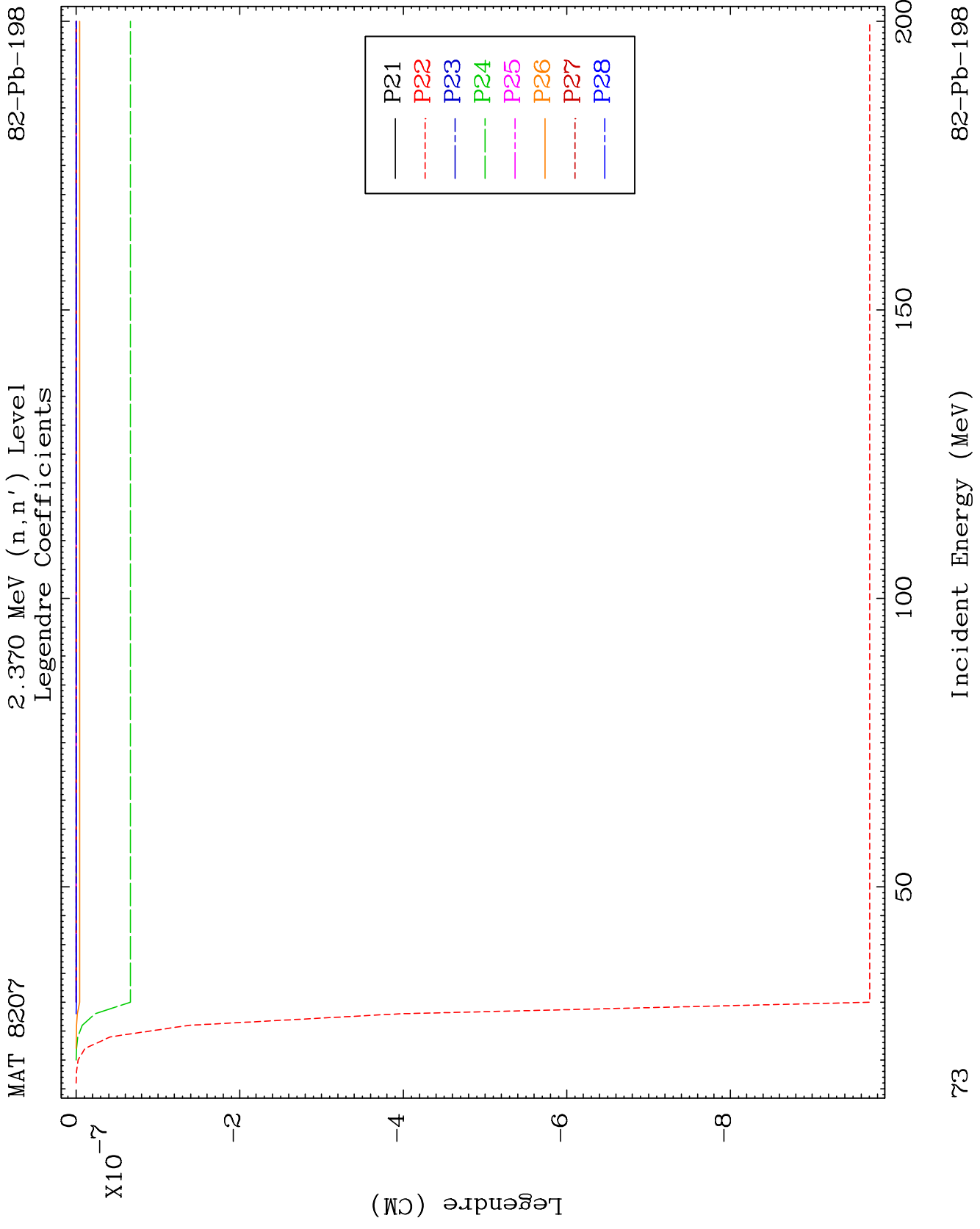
82-Pb-198



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Incident Energy (MeV)

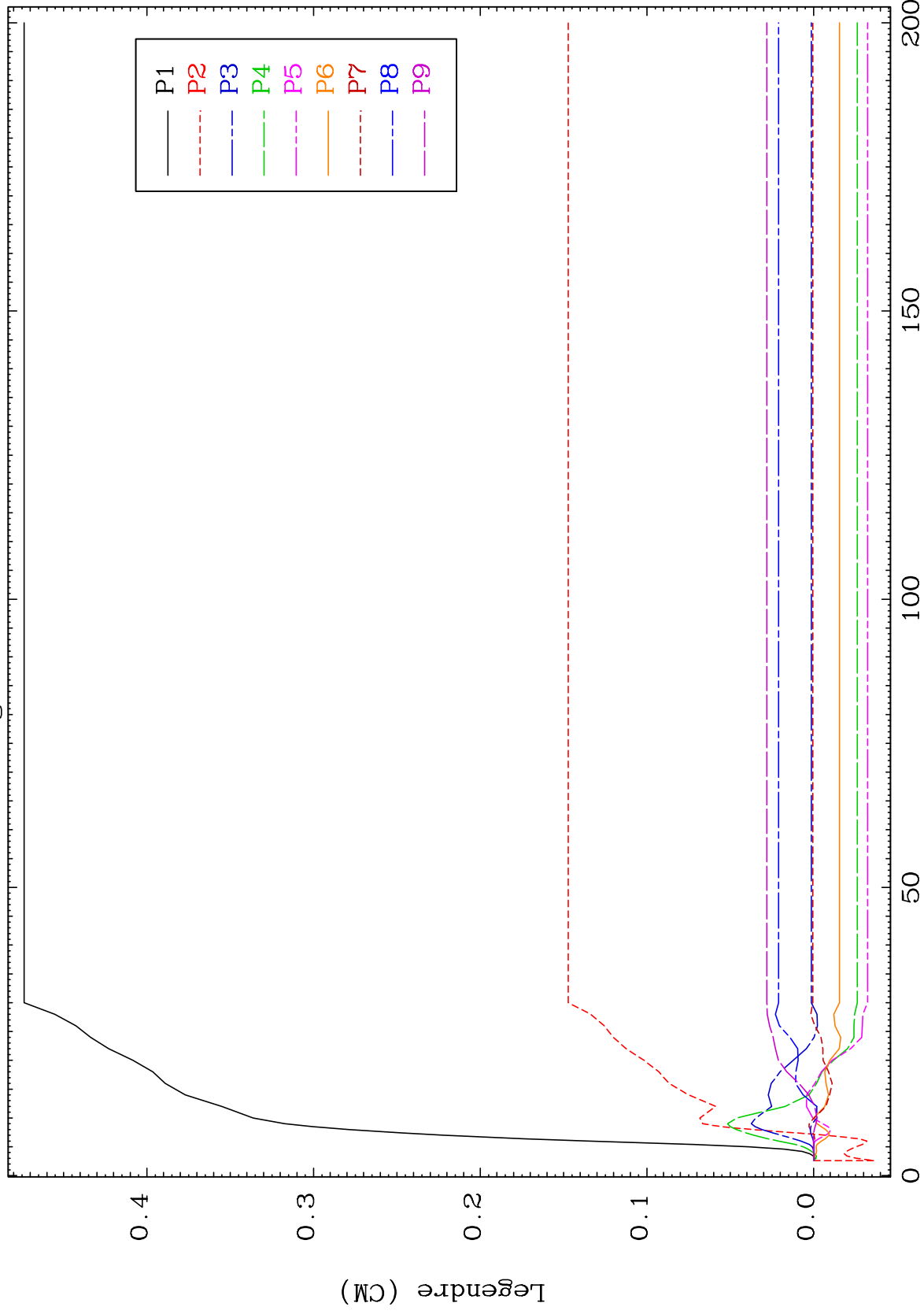
82-Pb-198



MAT 8207

2.569 MeV (n, n') Level
Legendre Coefficients

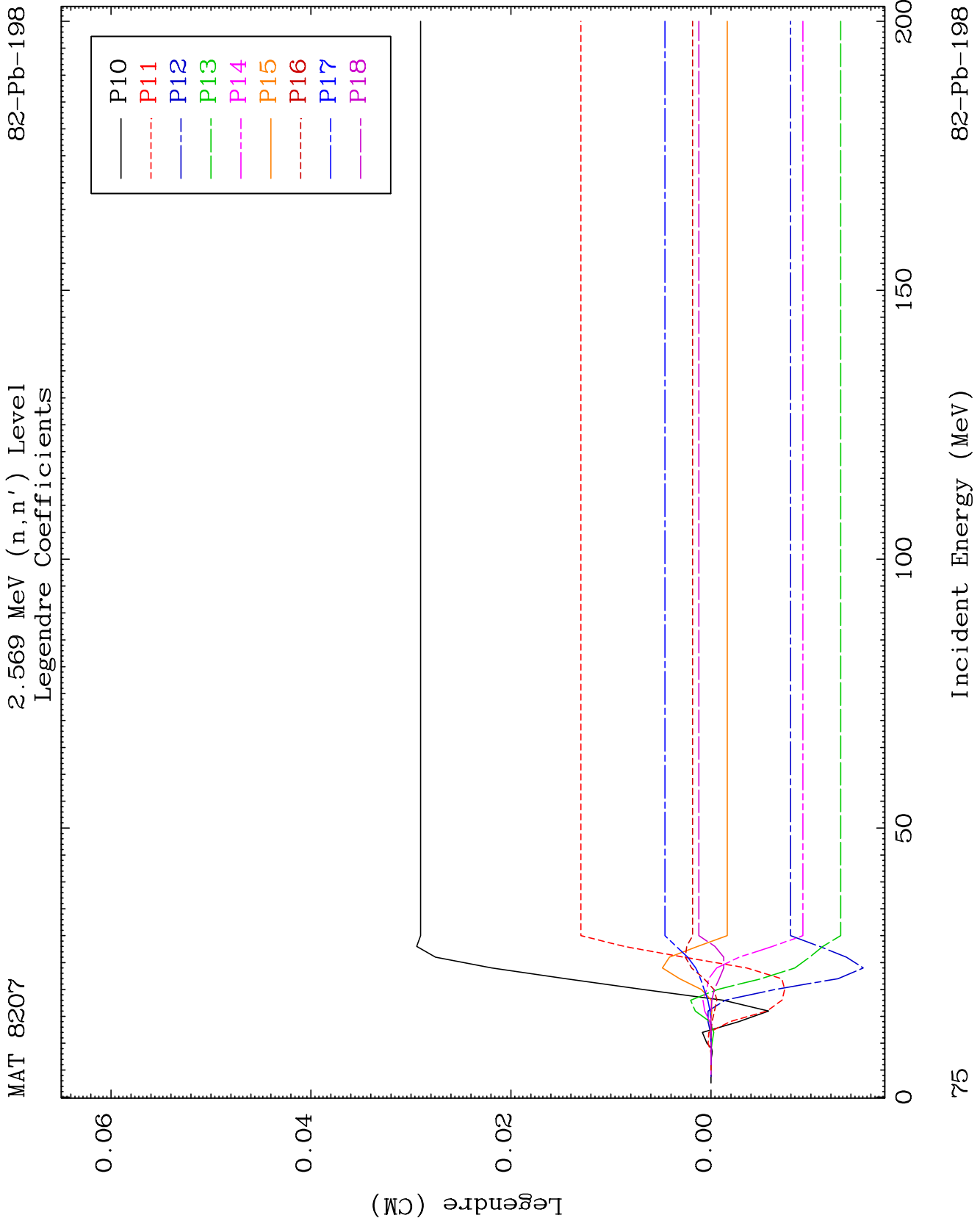
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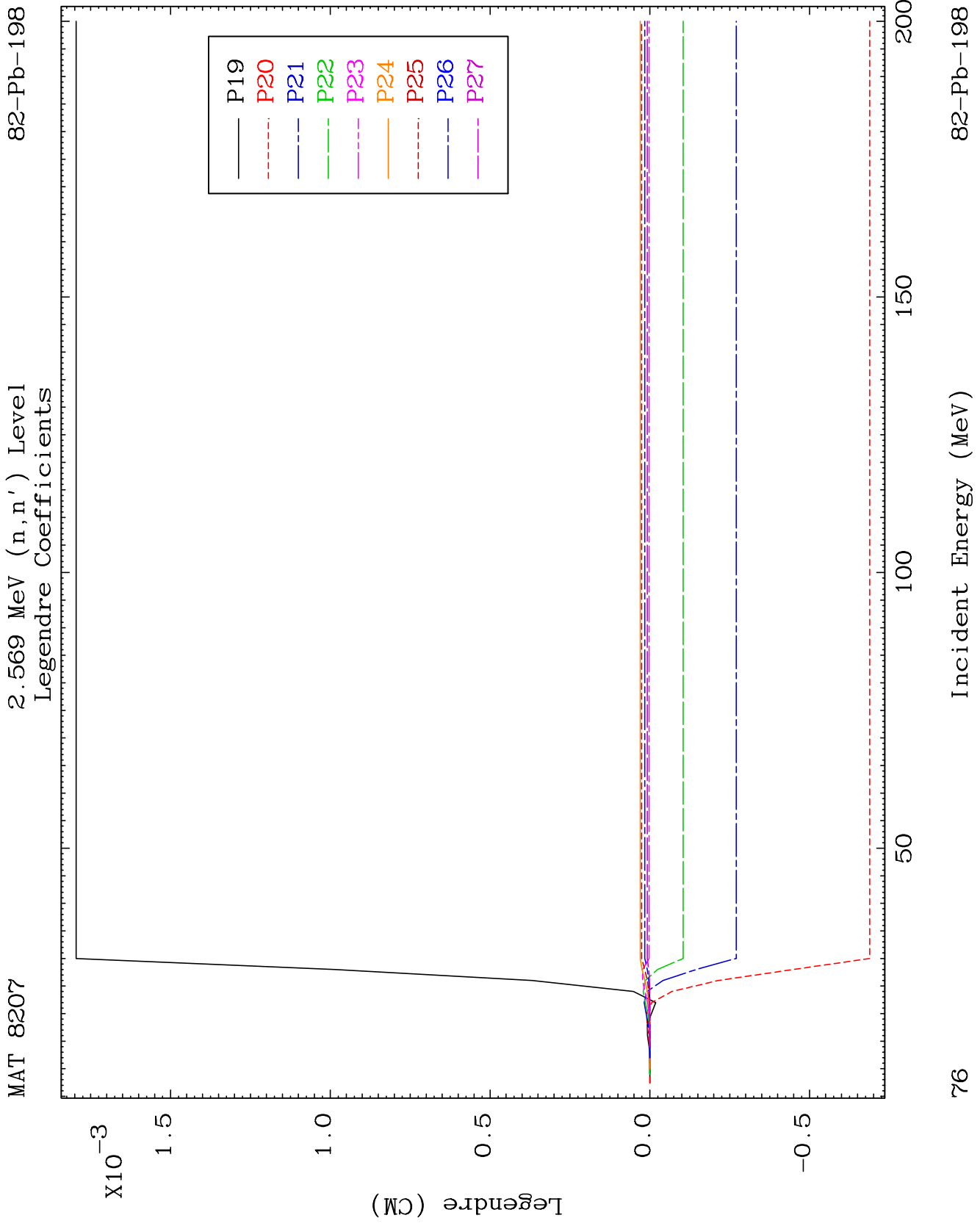


74

Incident Energy (MeV)

82-Pb-198

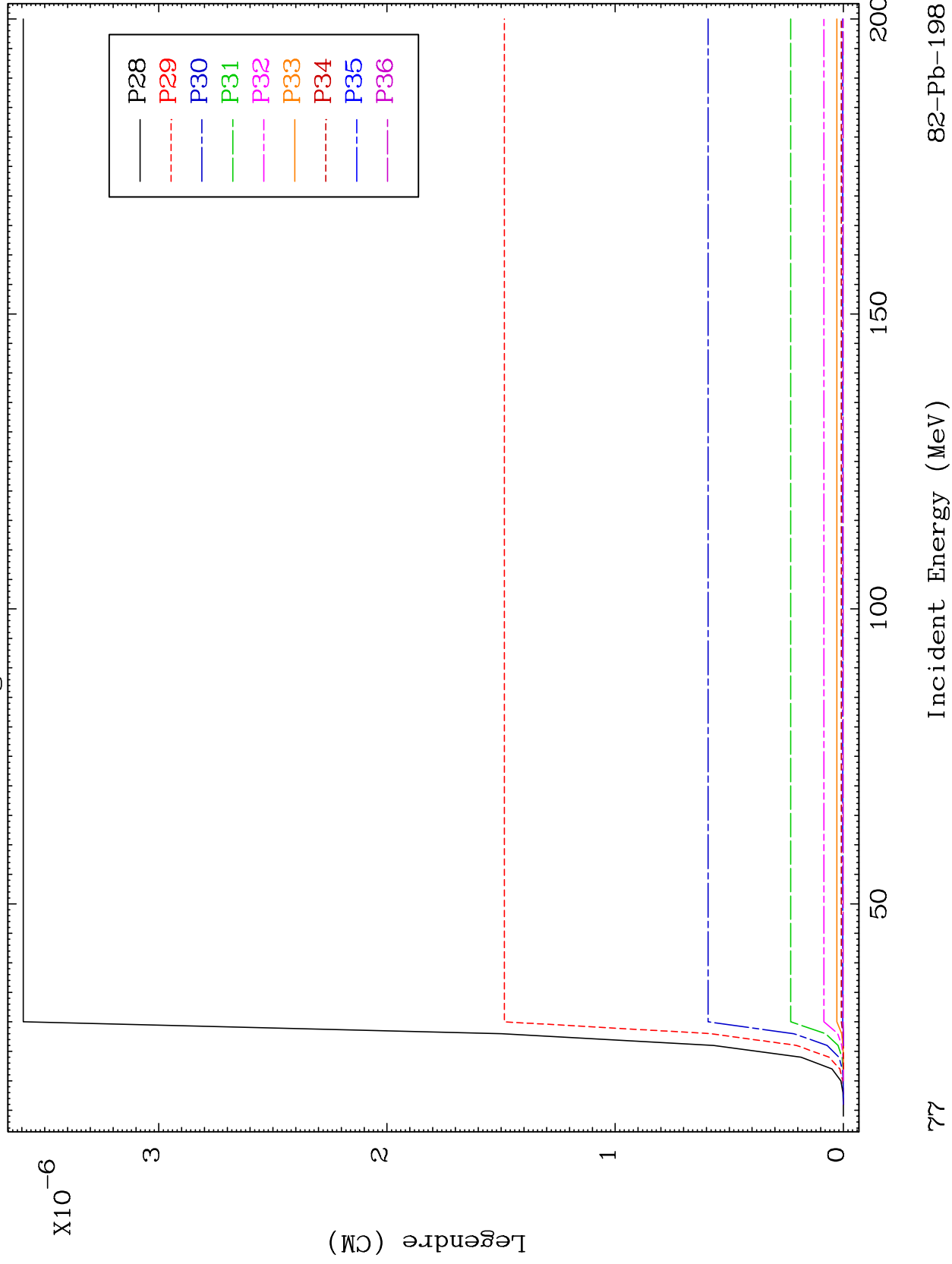


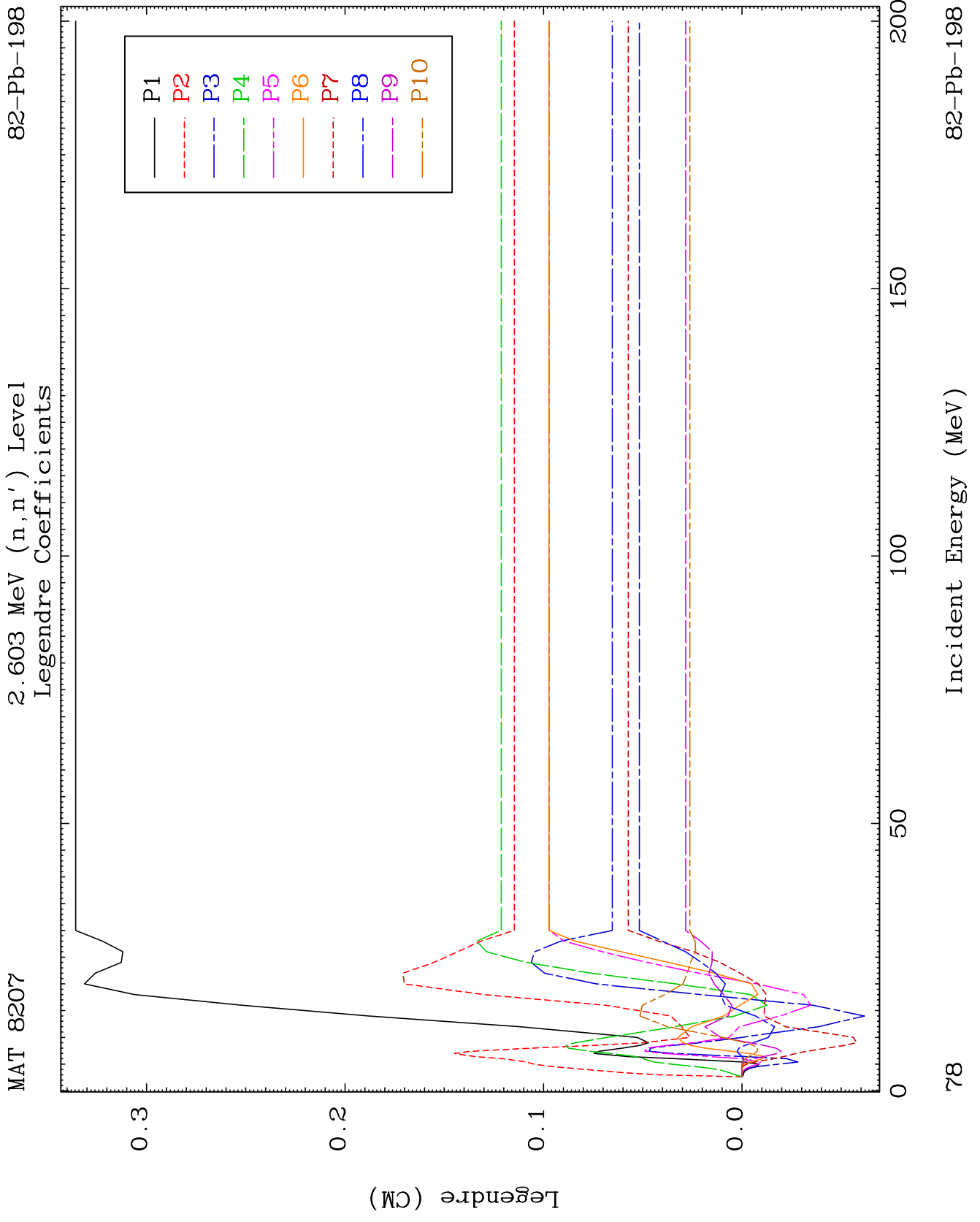


MAT 8207

2.569 MeV (n, n') Level
Legendre Coefficients

82-Pb-198

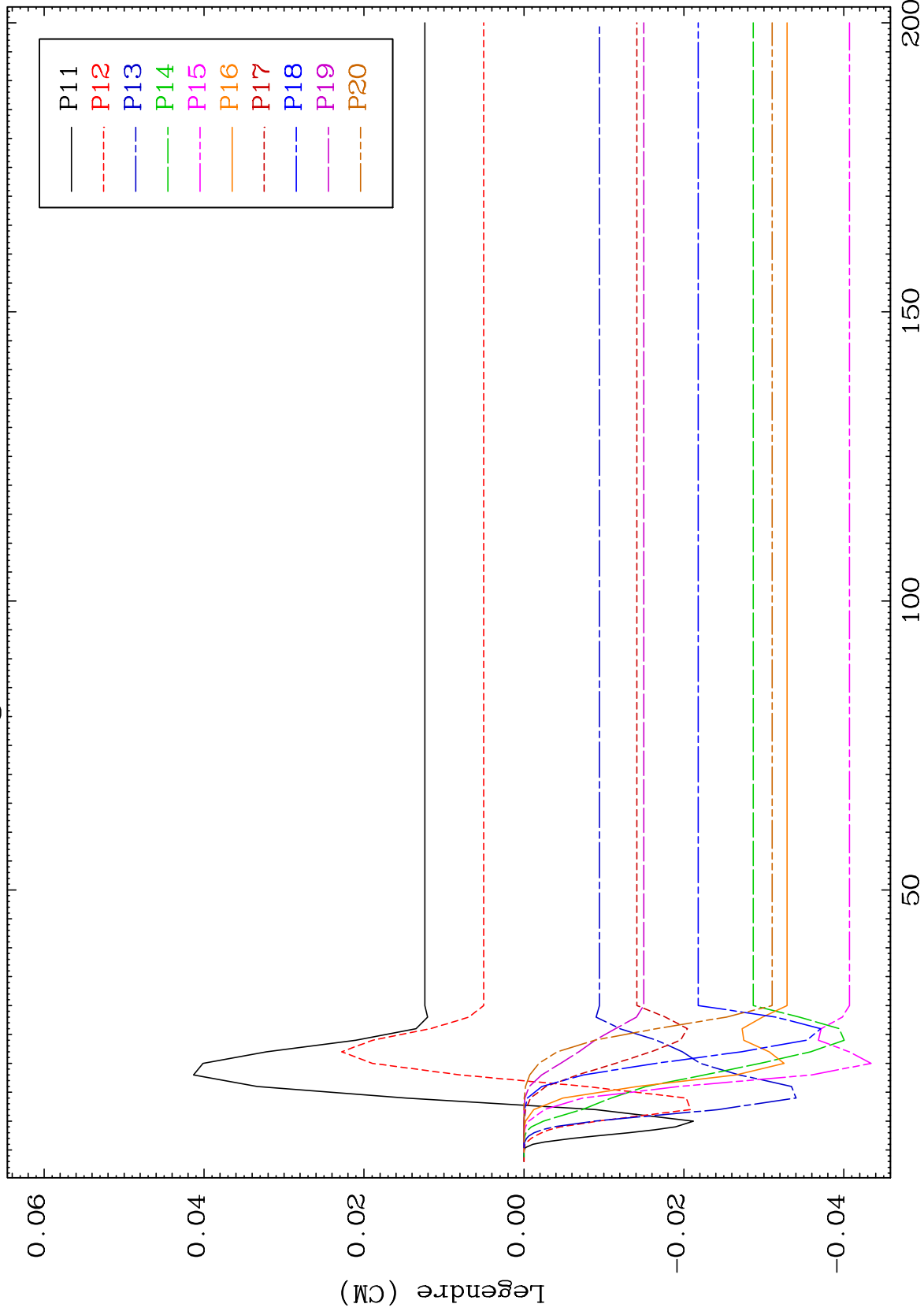




MAT 8207

2.603 MeV (n,n') Level
Legendre Coefficients

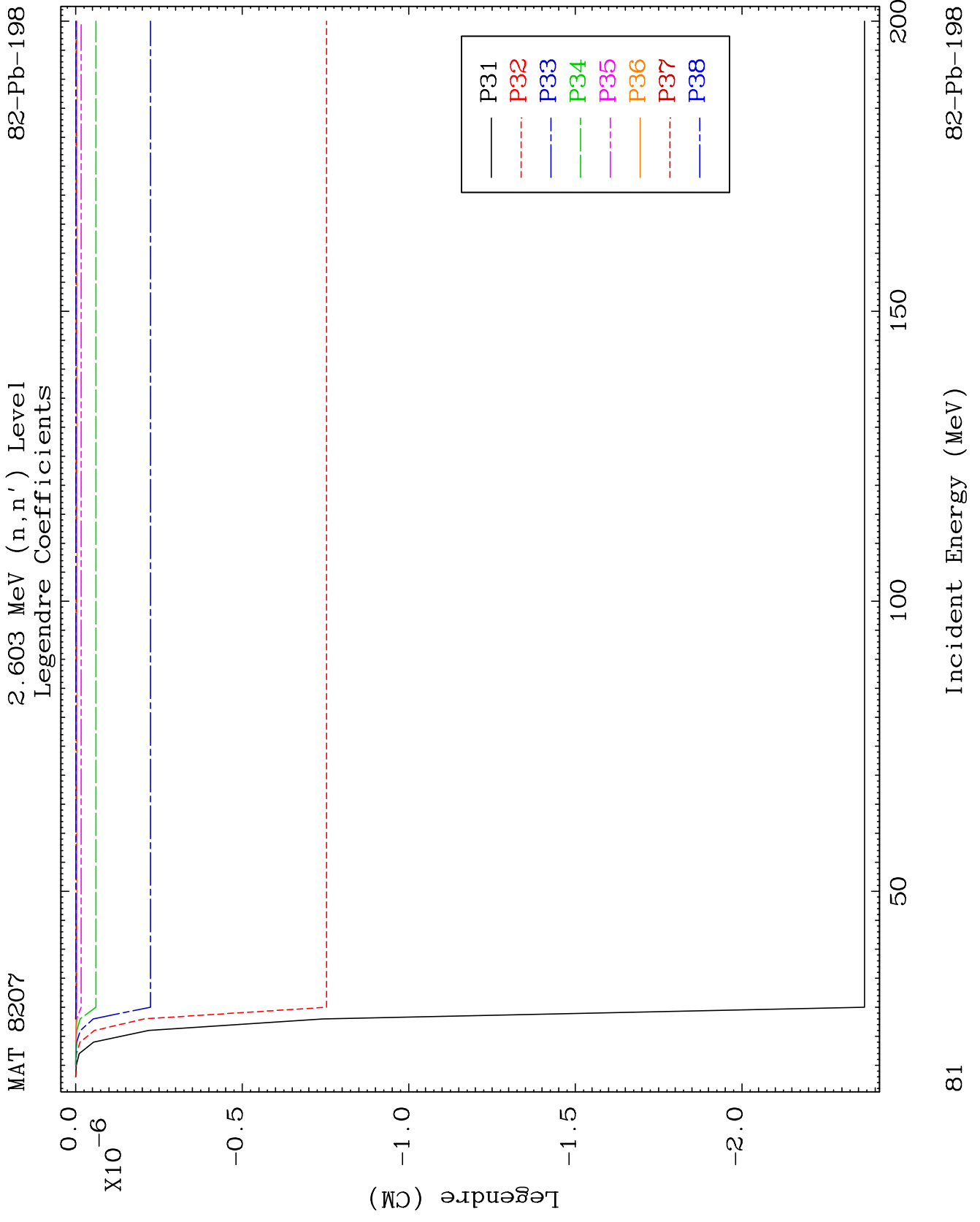
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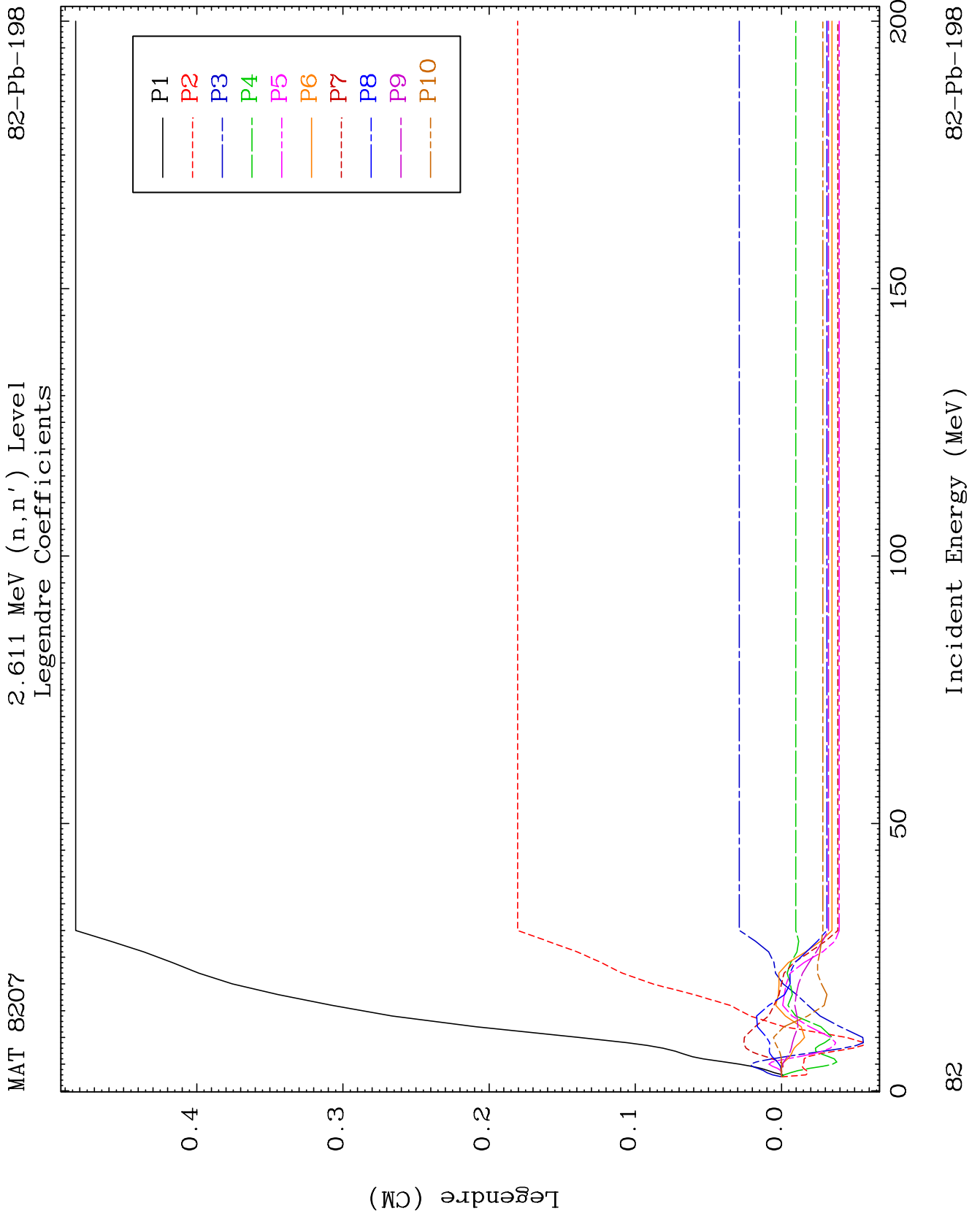


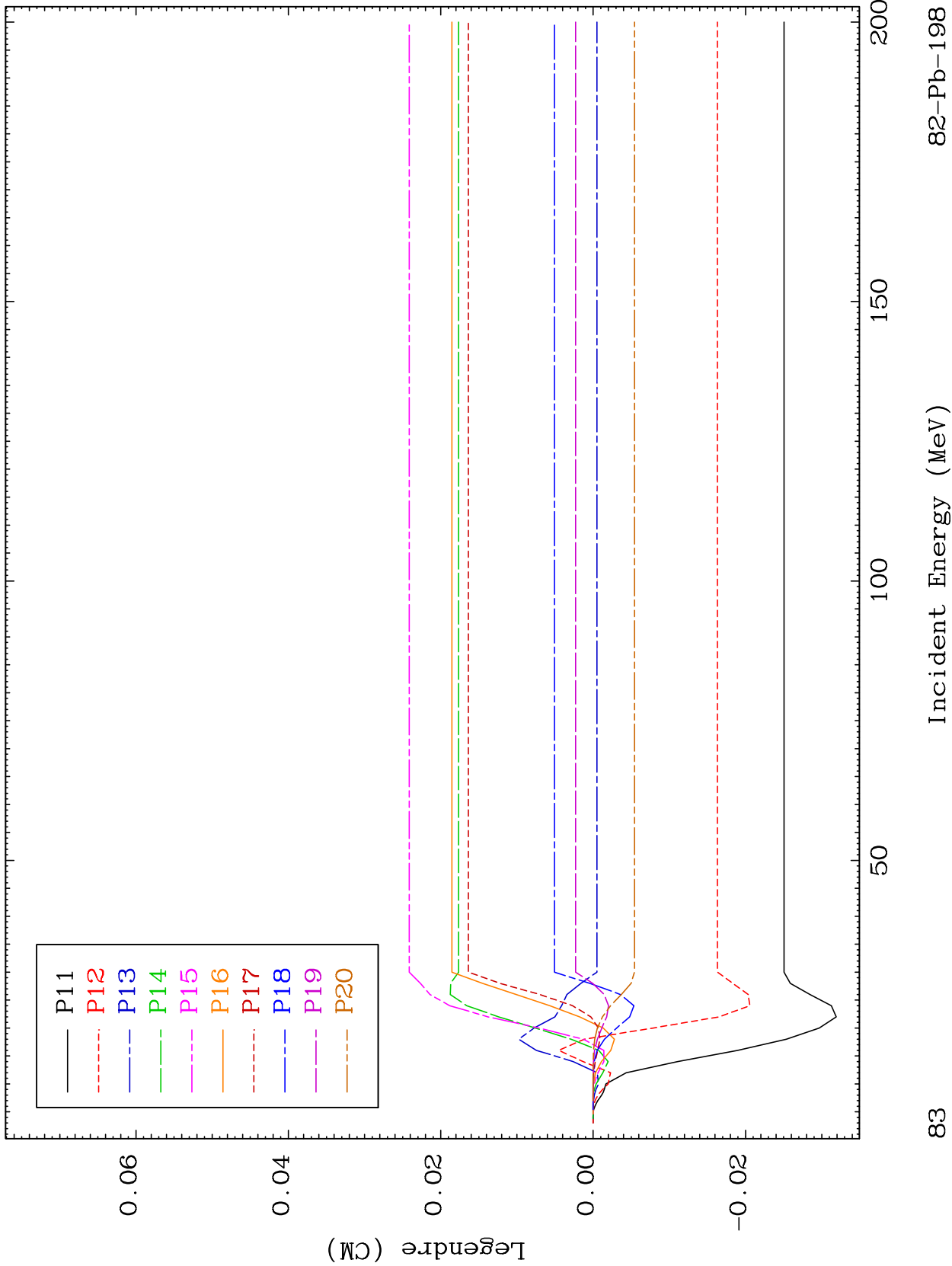
79

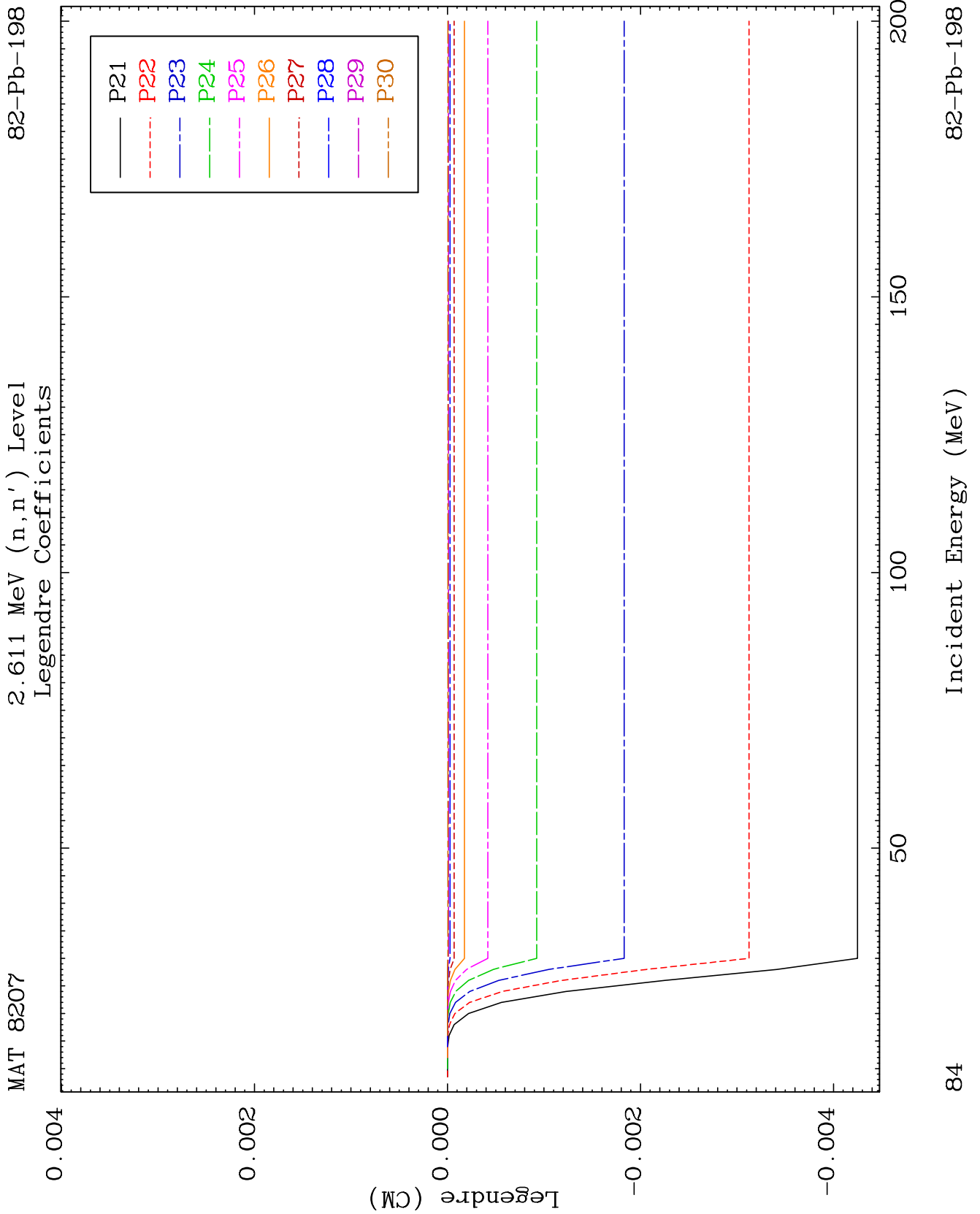
Incident Energy (MeV)

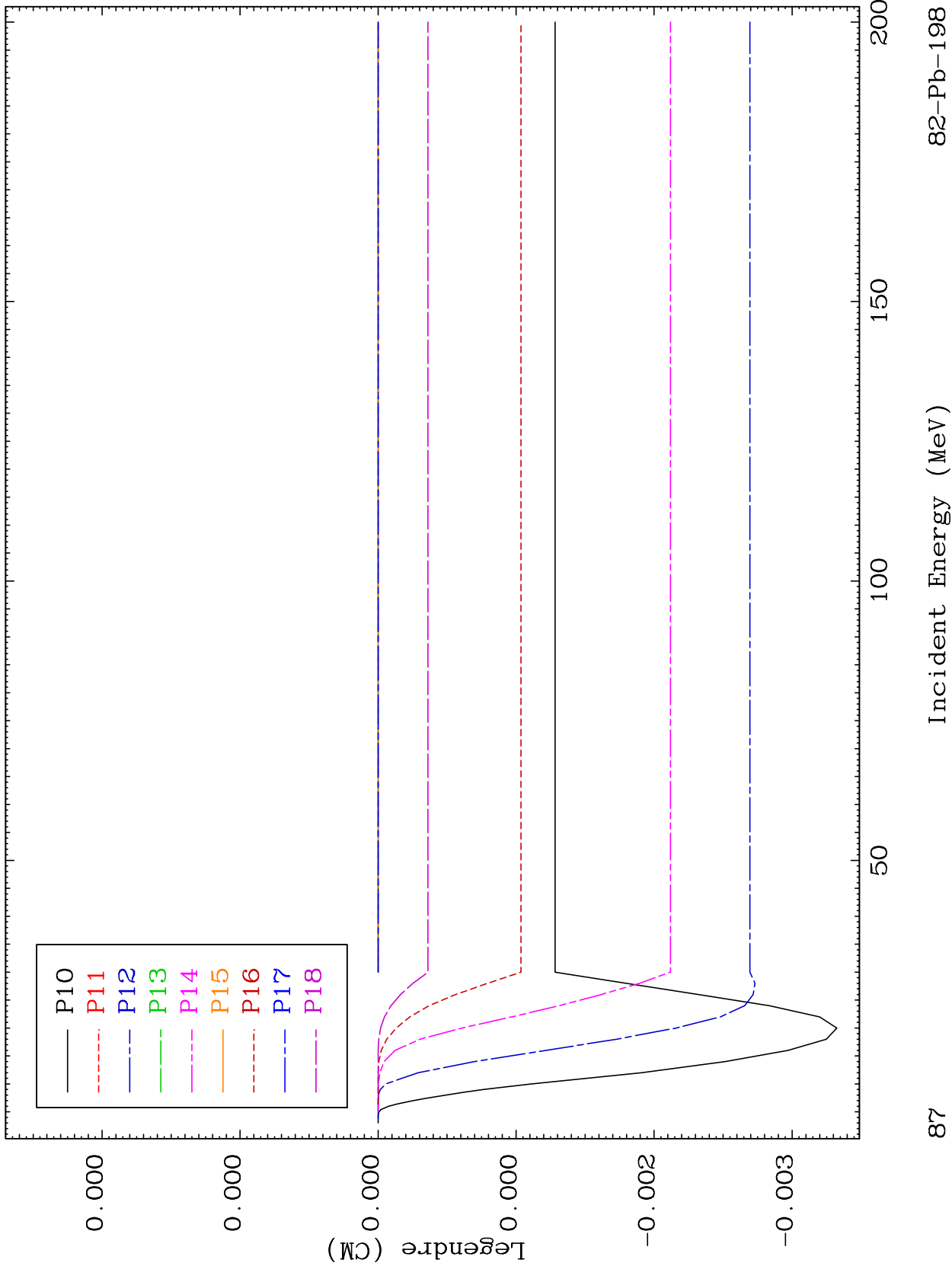
82-Pb-198

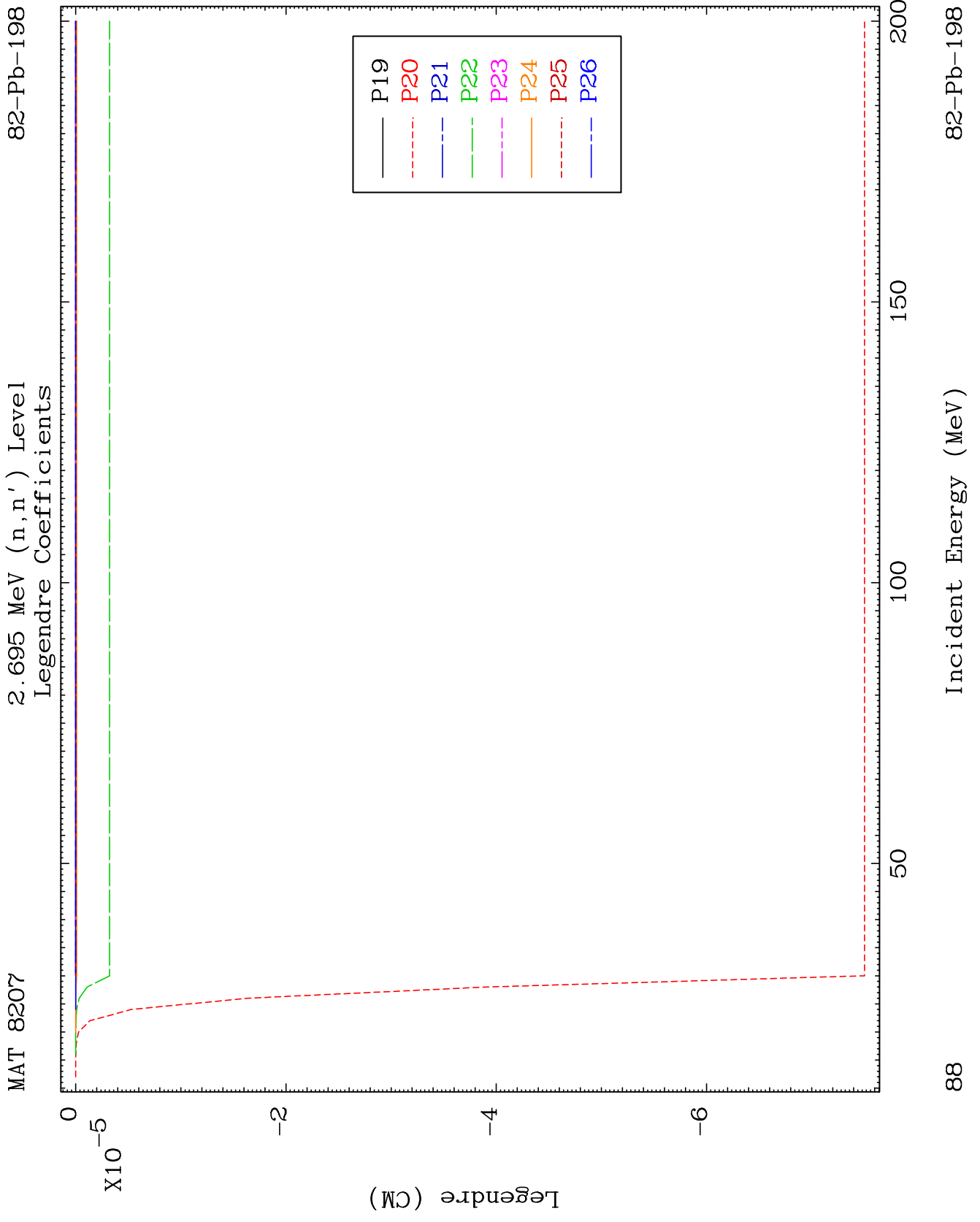


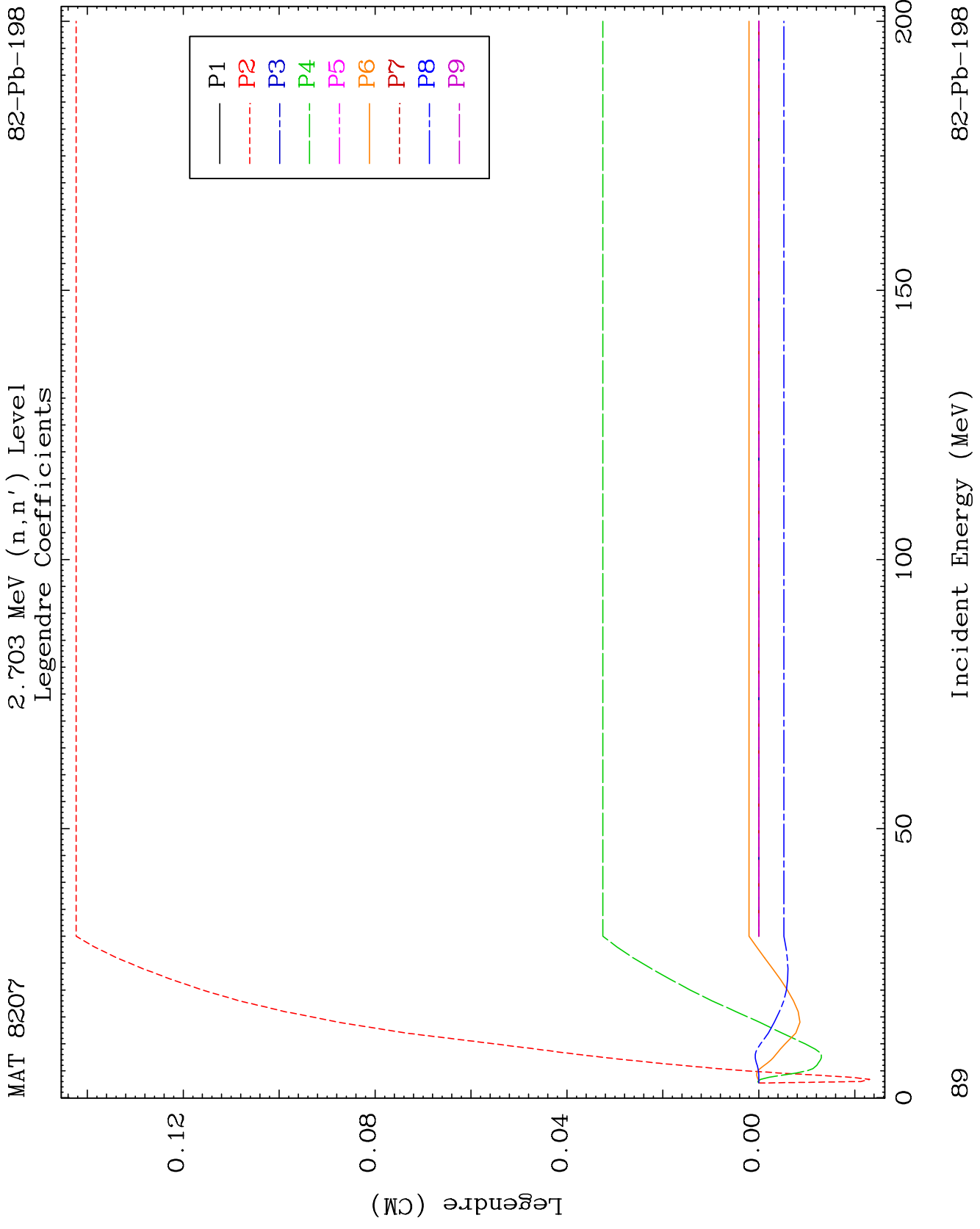








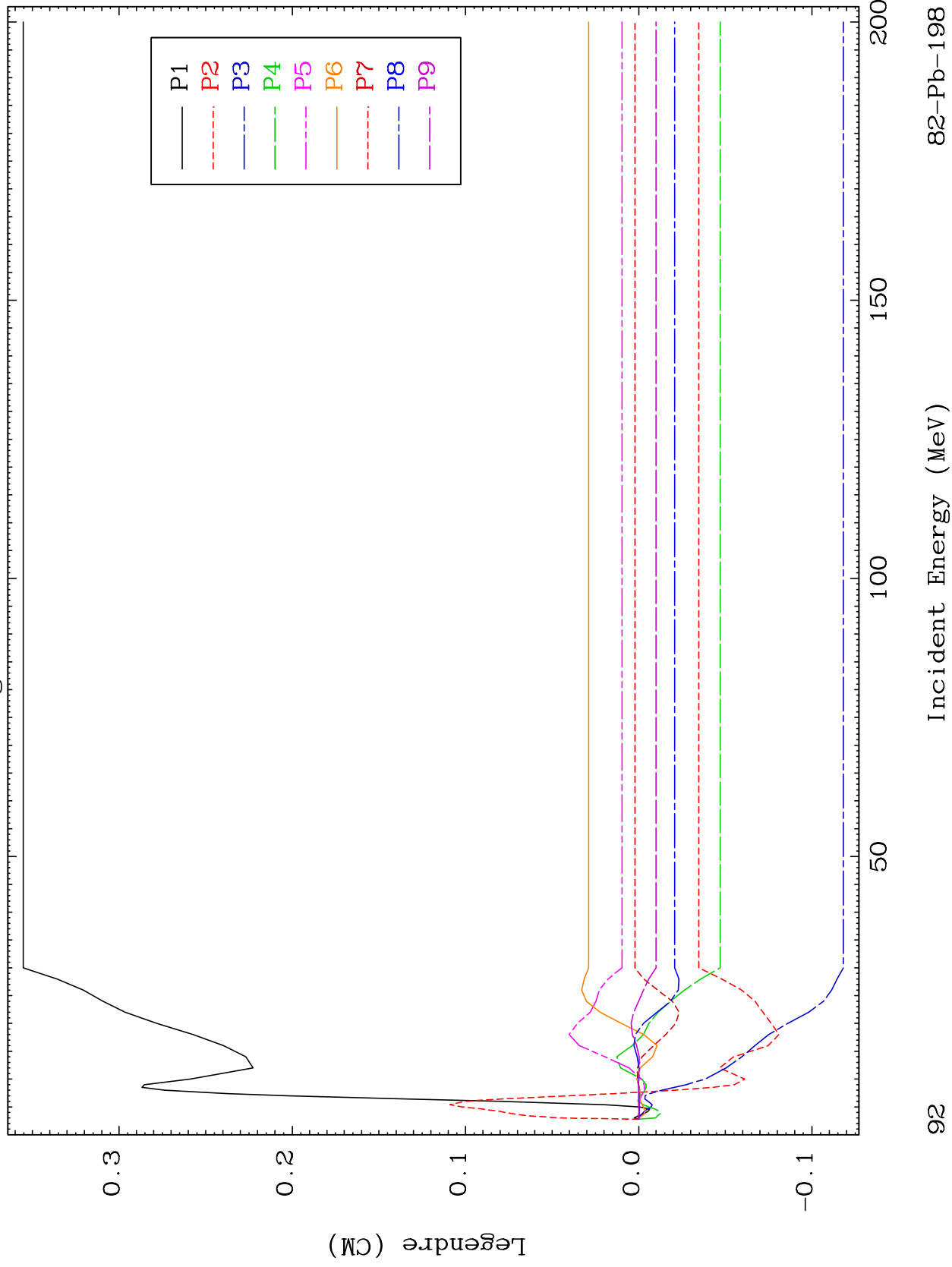




MAT 8207

2.772 MeV (n,n') Level
Legendre Coefficients

82-Pb-198



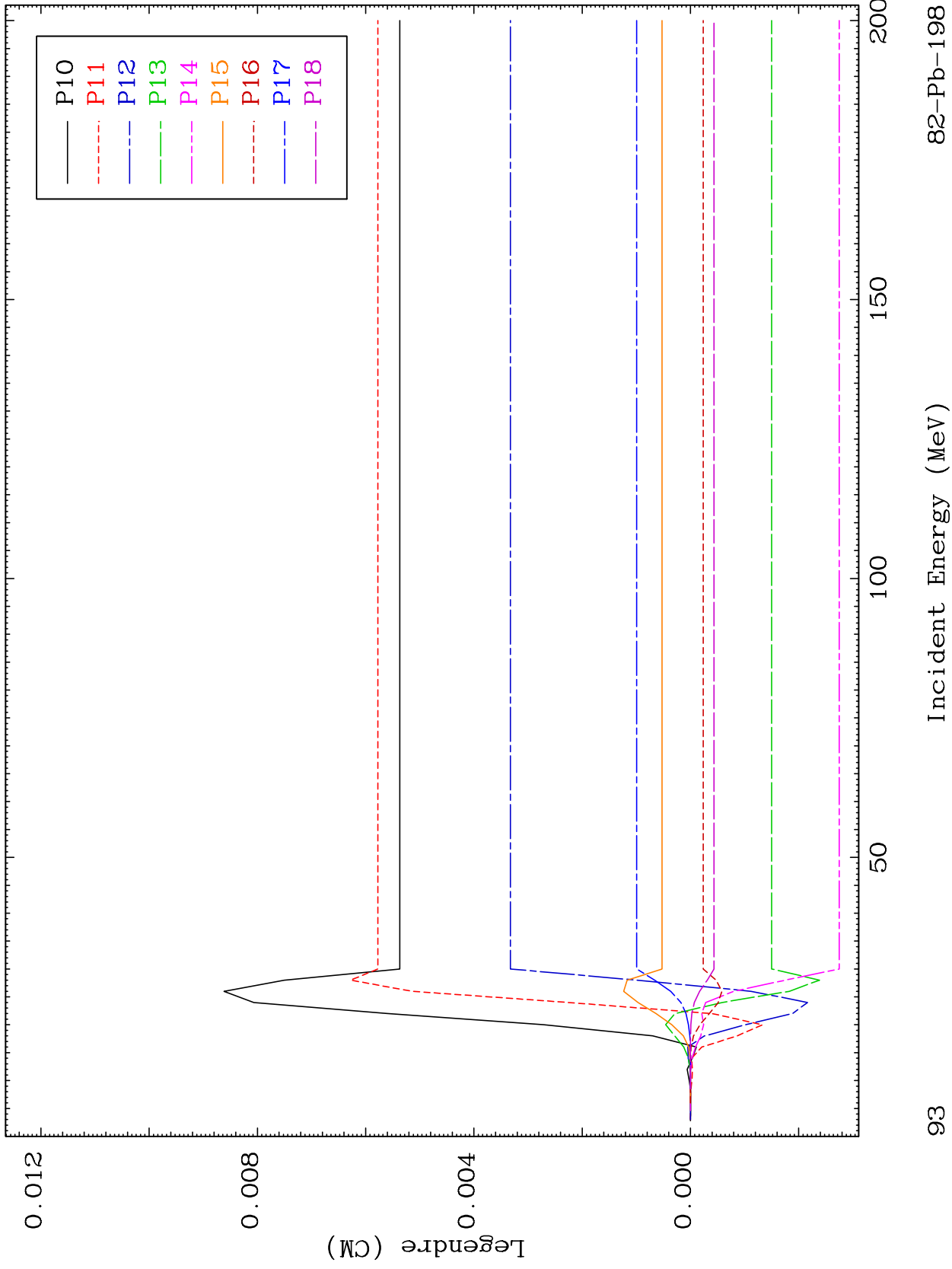
92

82-Pb-198

MAT 8207

2.772 MeV (n,n') Level
Legendre Coefficients

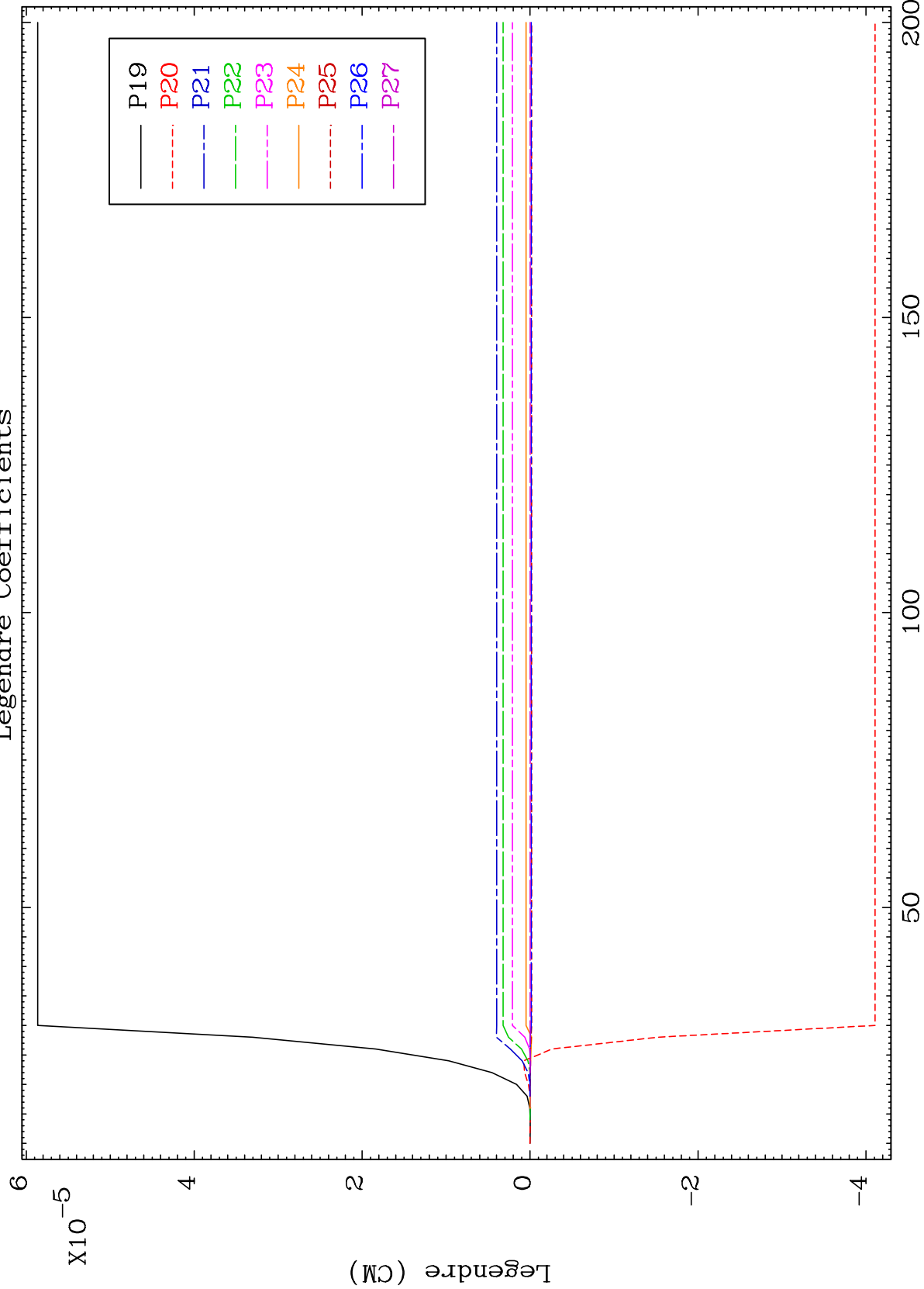
82-Pb-198

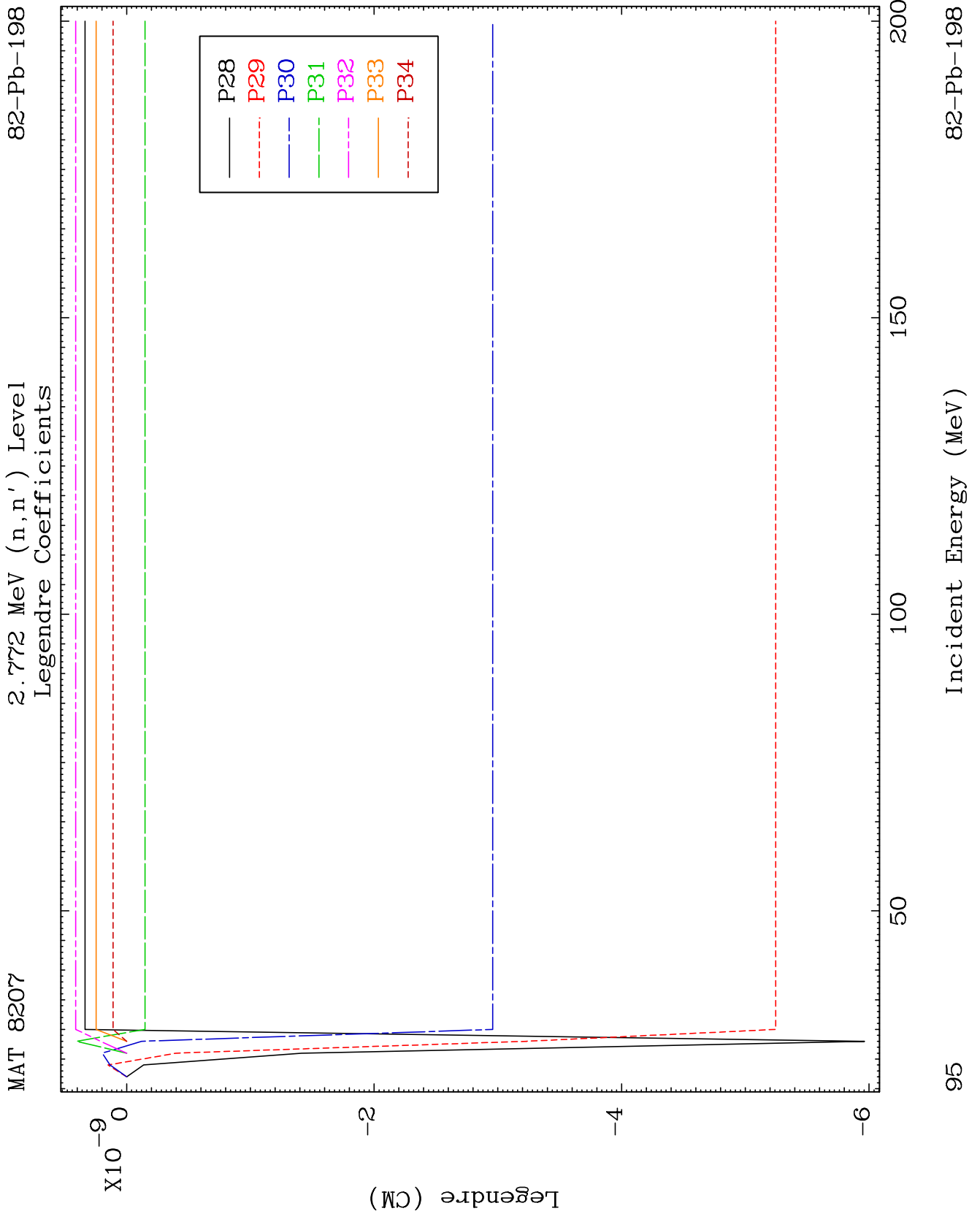


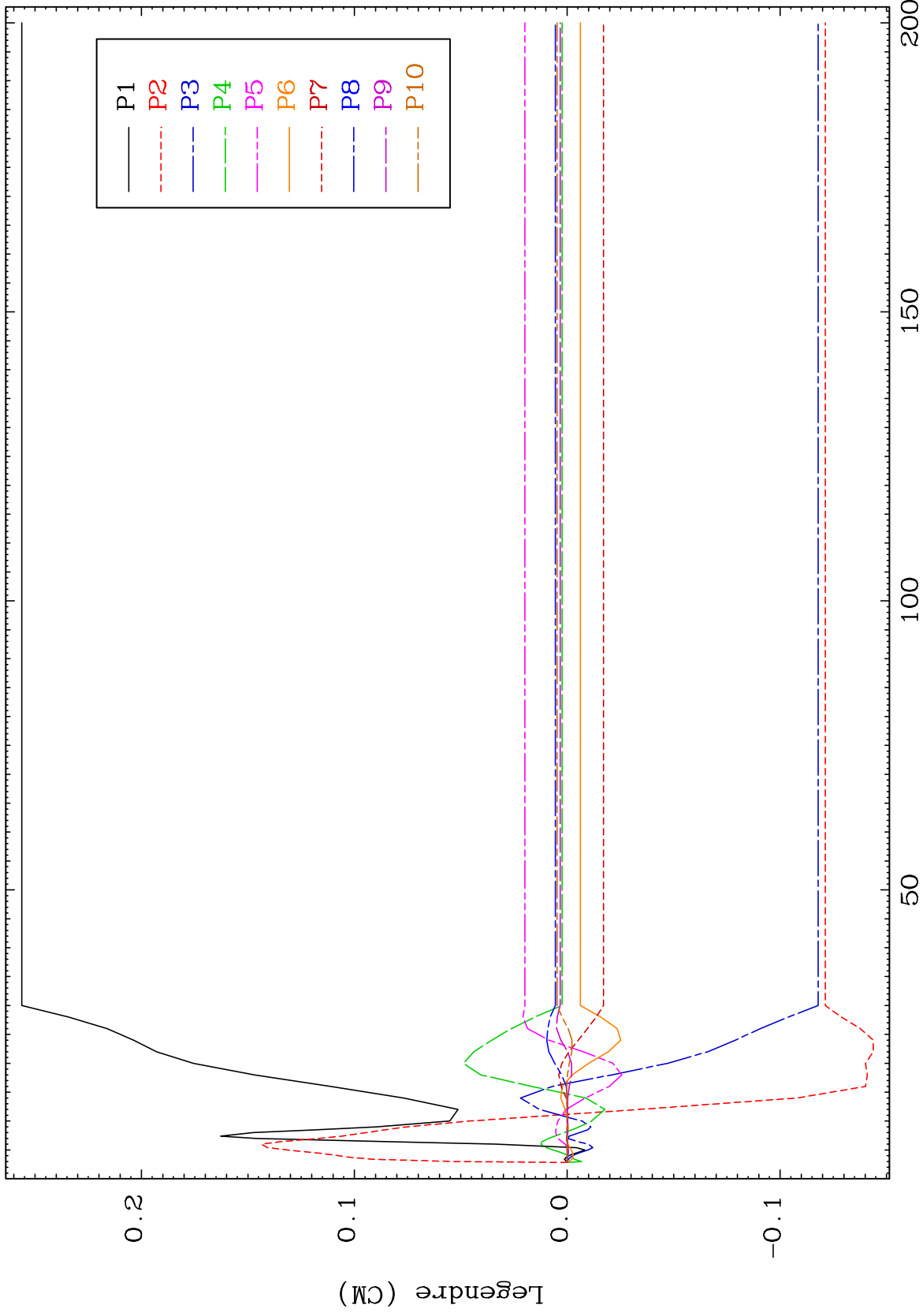
93

Incident Energy (MeV)

82-Pb-198



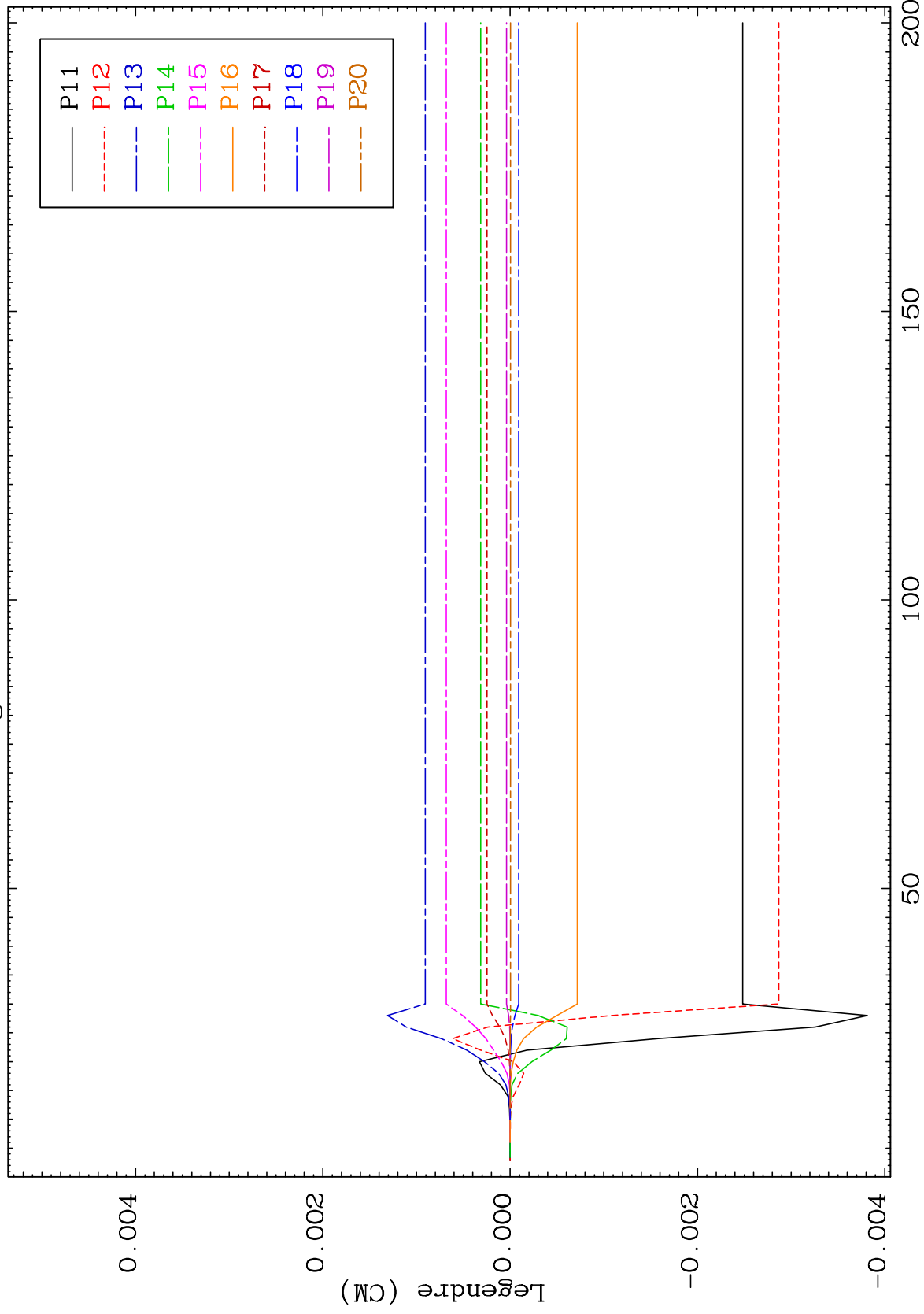




MAT 8207

2.820 MeV (n,n') Level
Legendre Coefficients

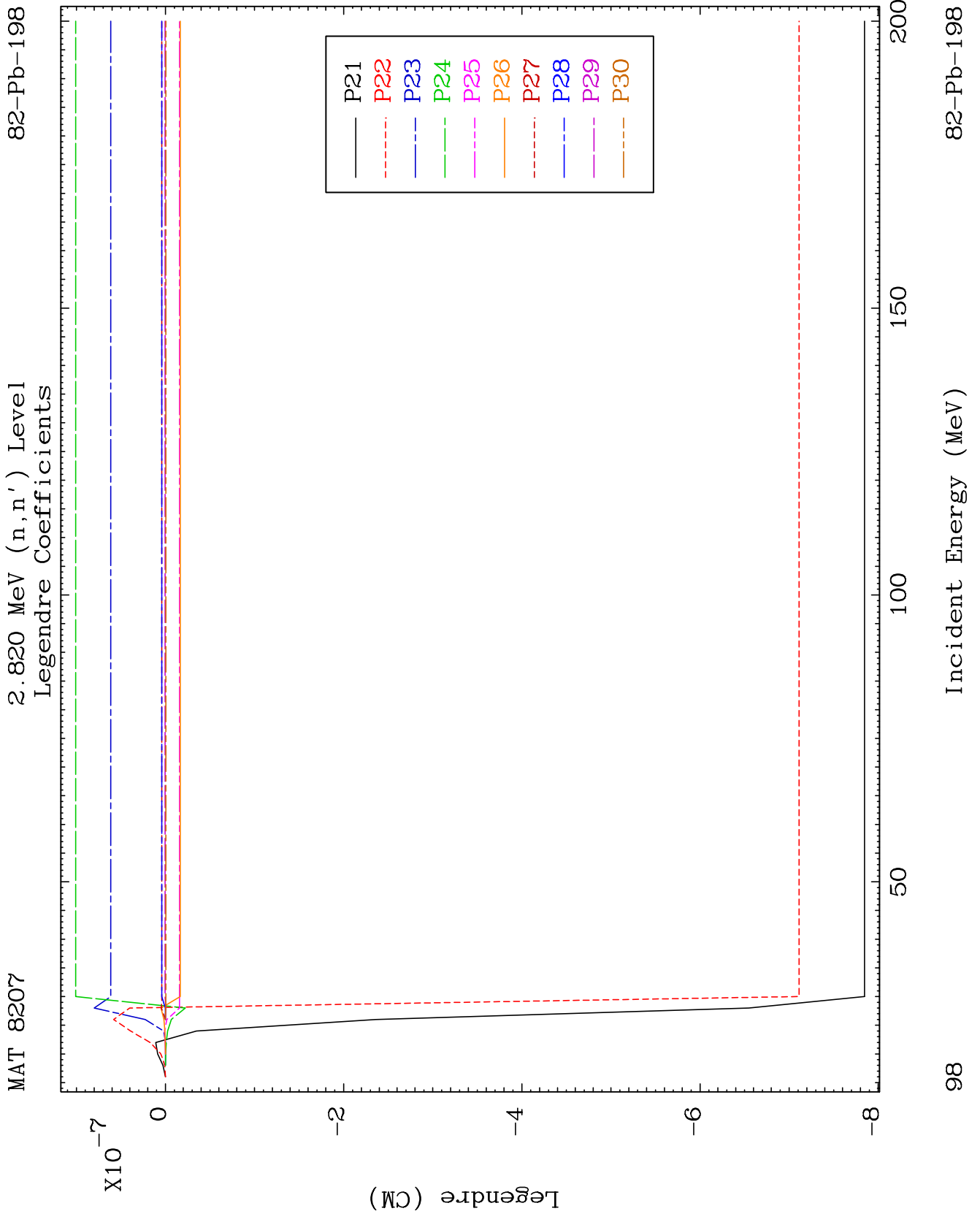
82-Pb-198

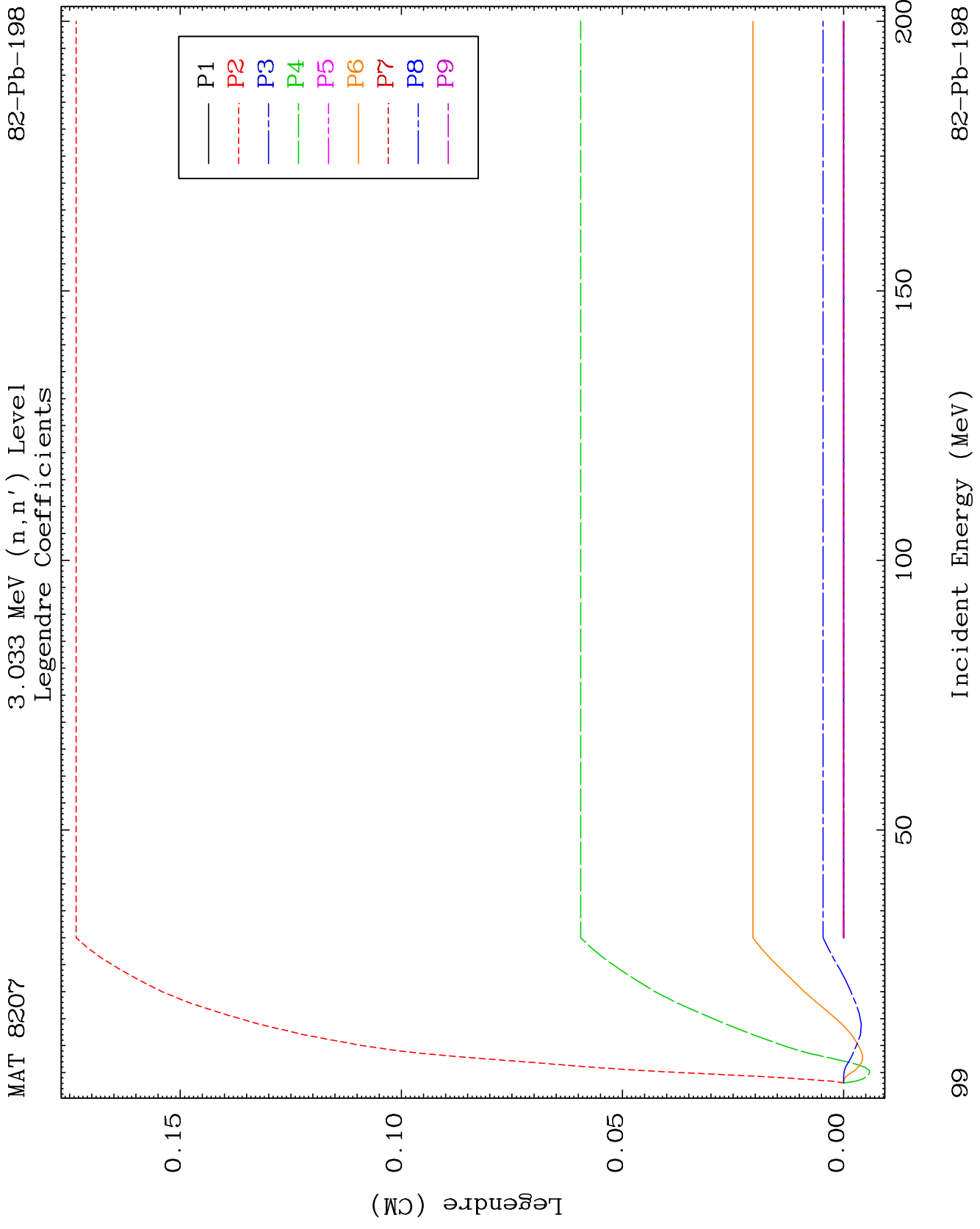


97

Incident Energy (MeV)

82-Pb-198

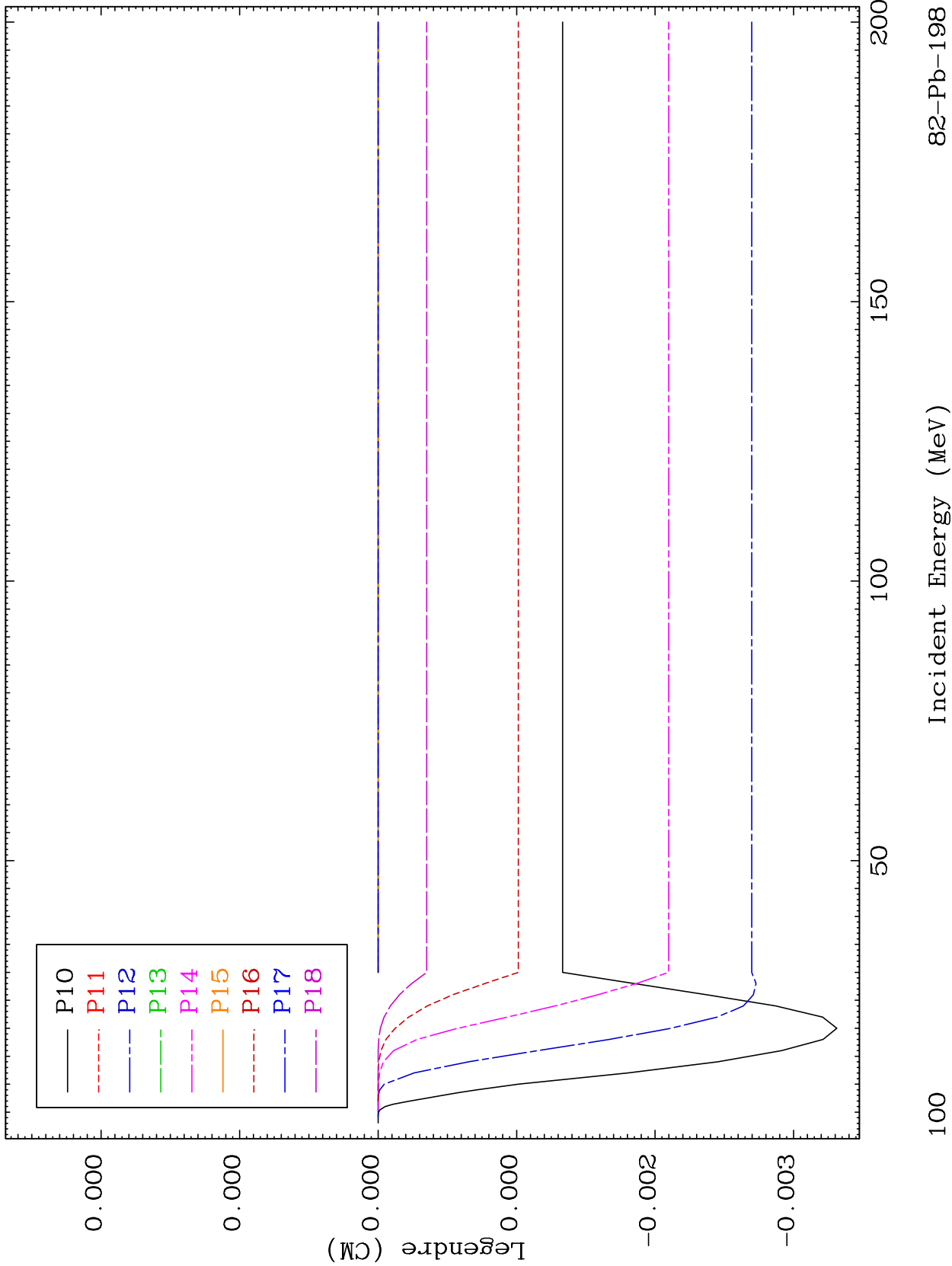


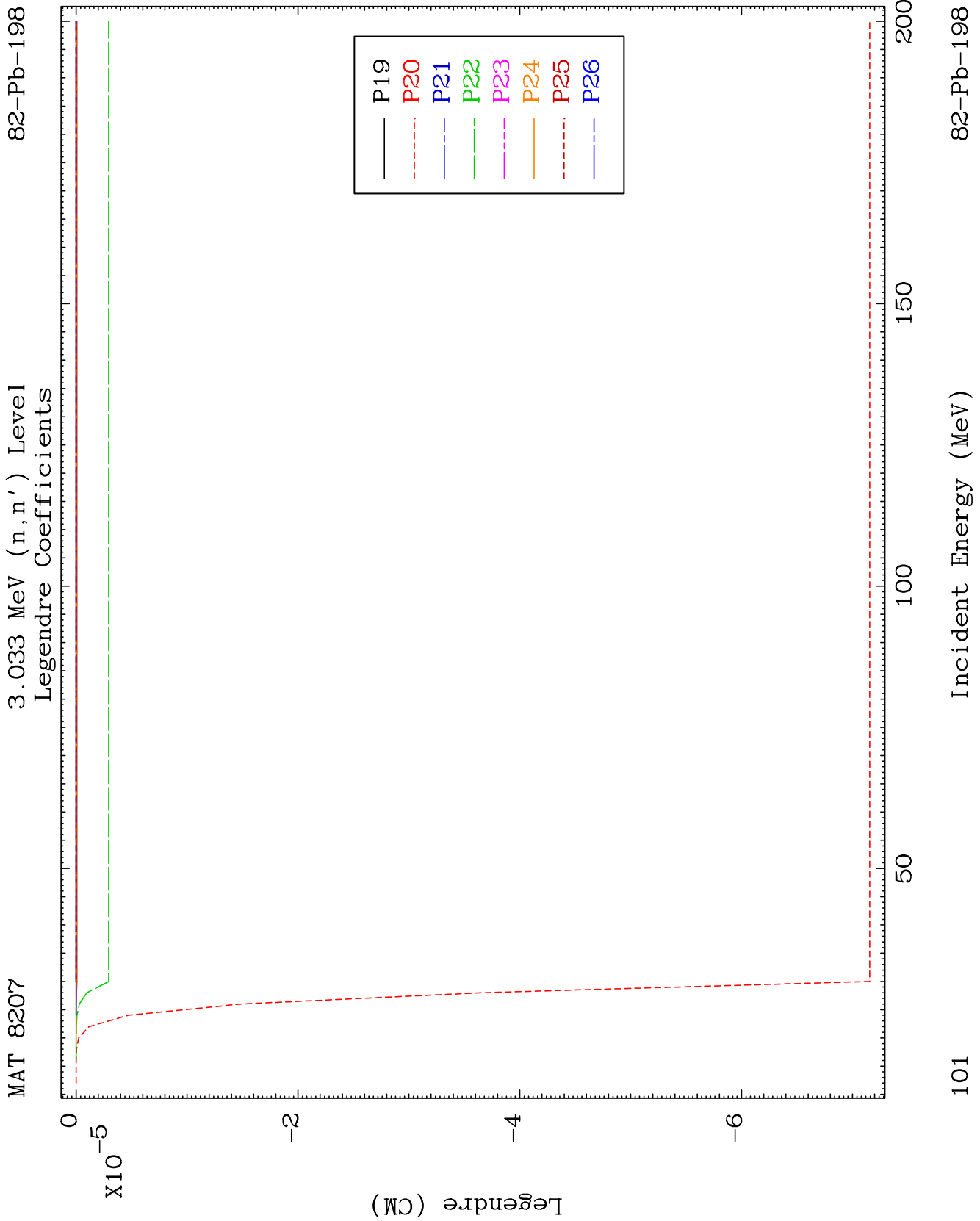


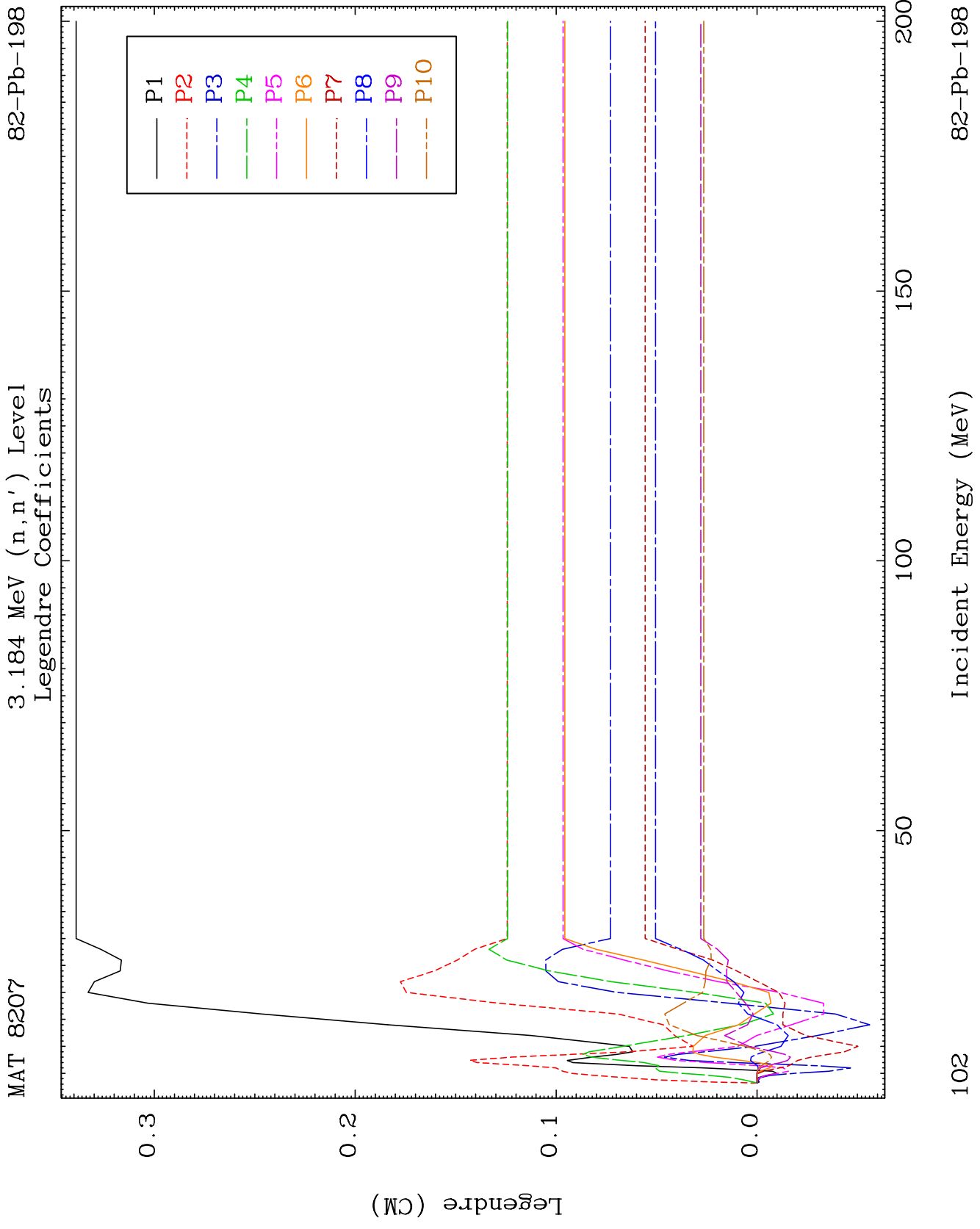
MAT 8207

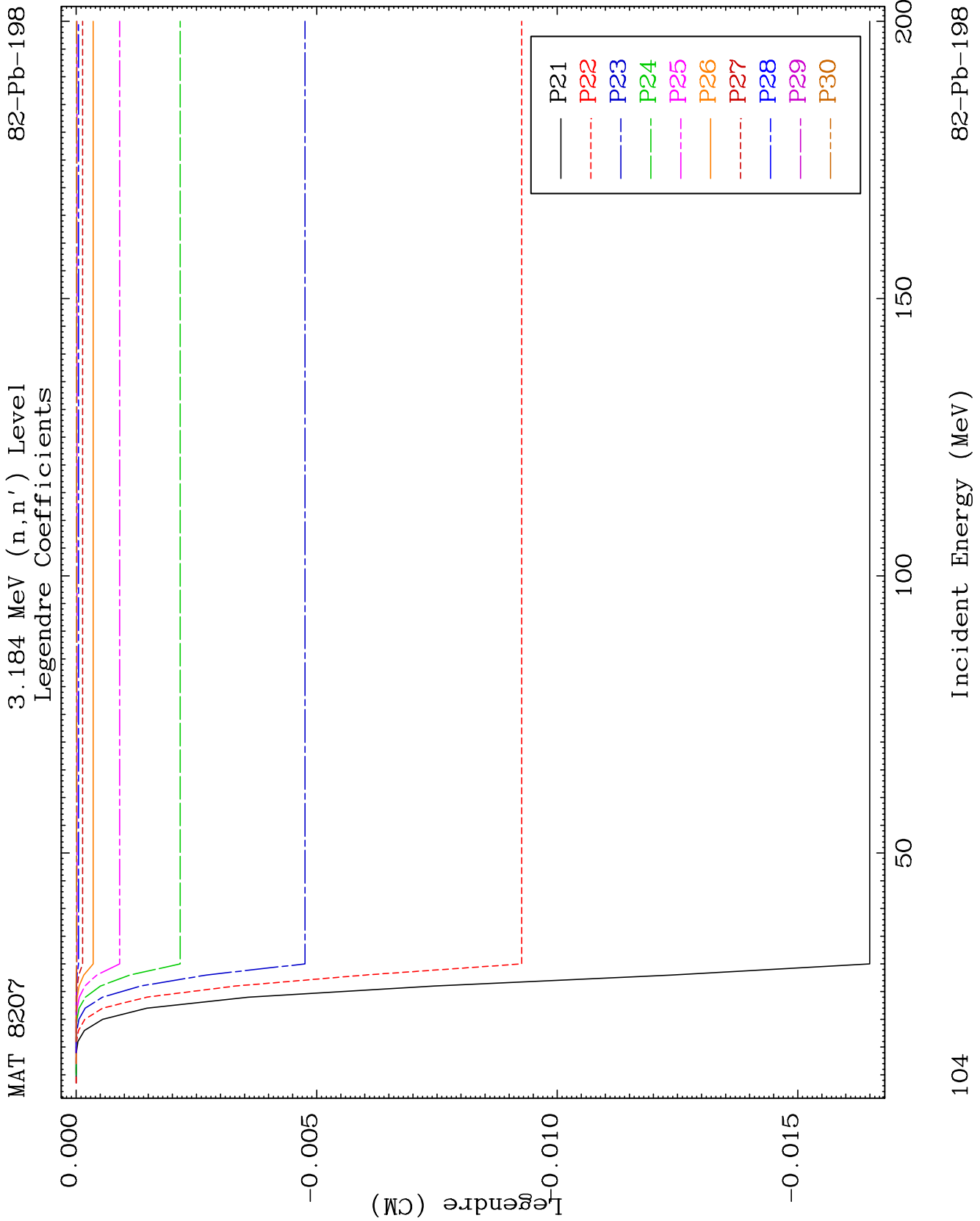
3.033 MeV (n,n') Level Legendre Coefficients

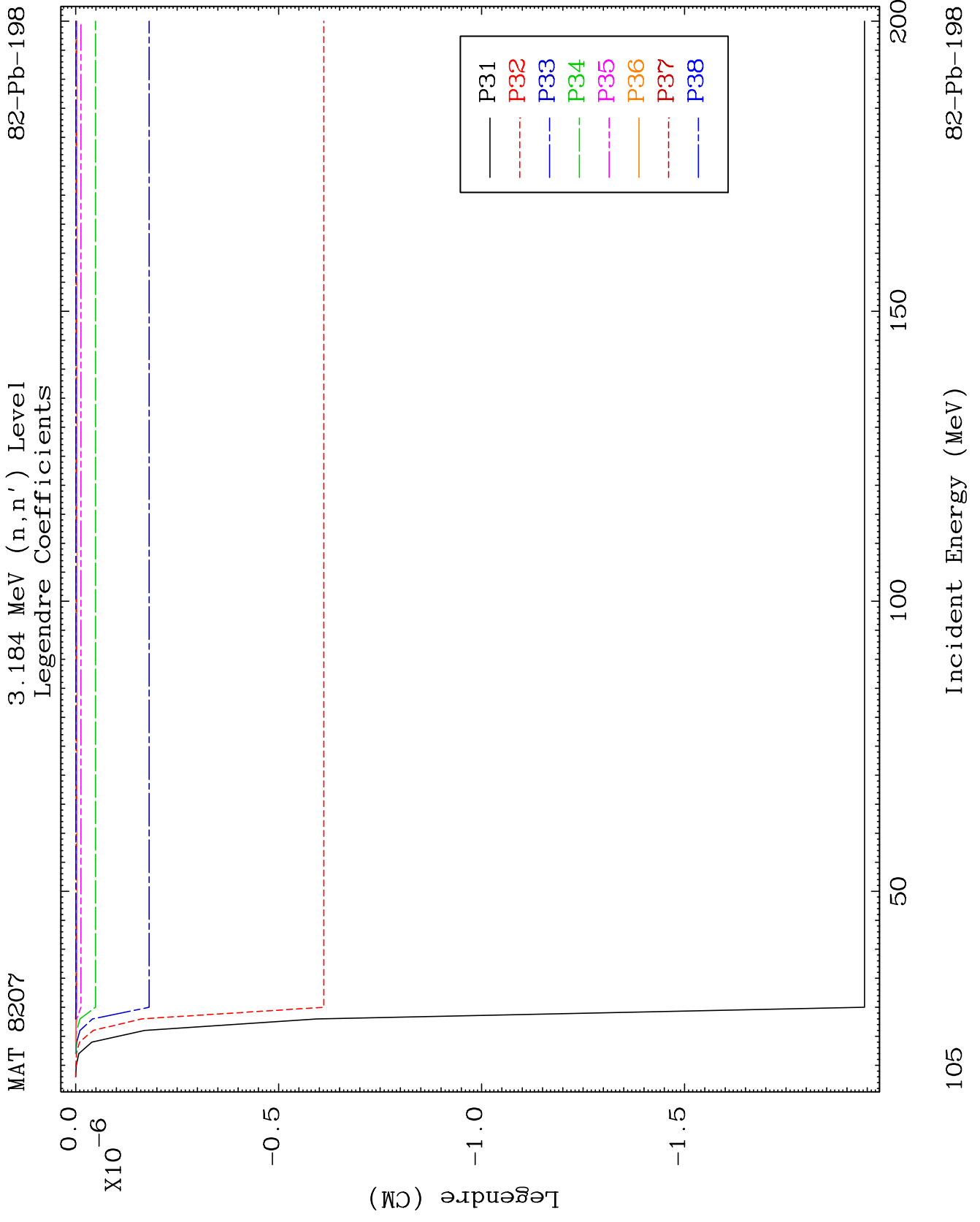
82-Pb-198

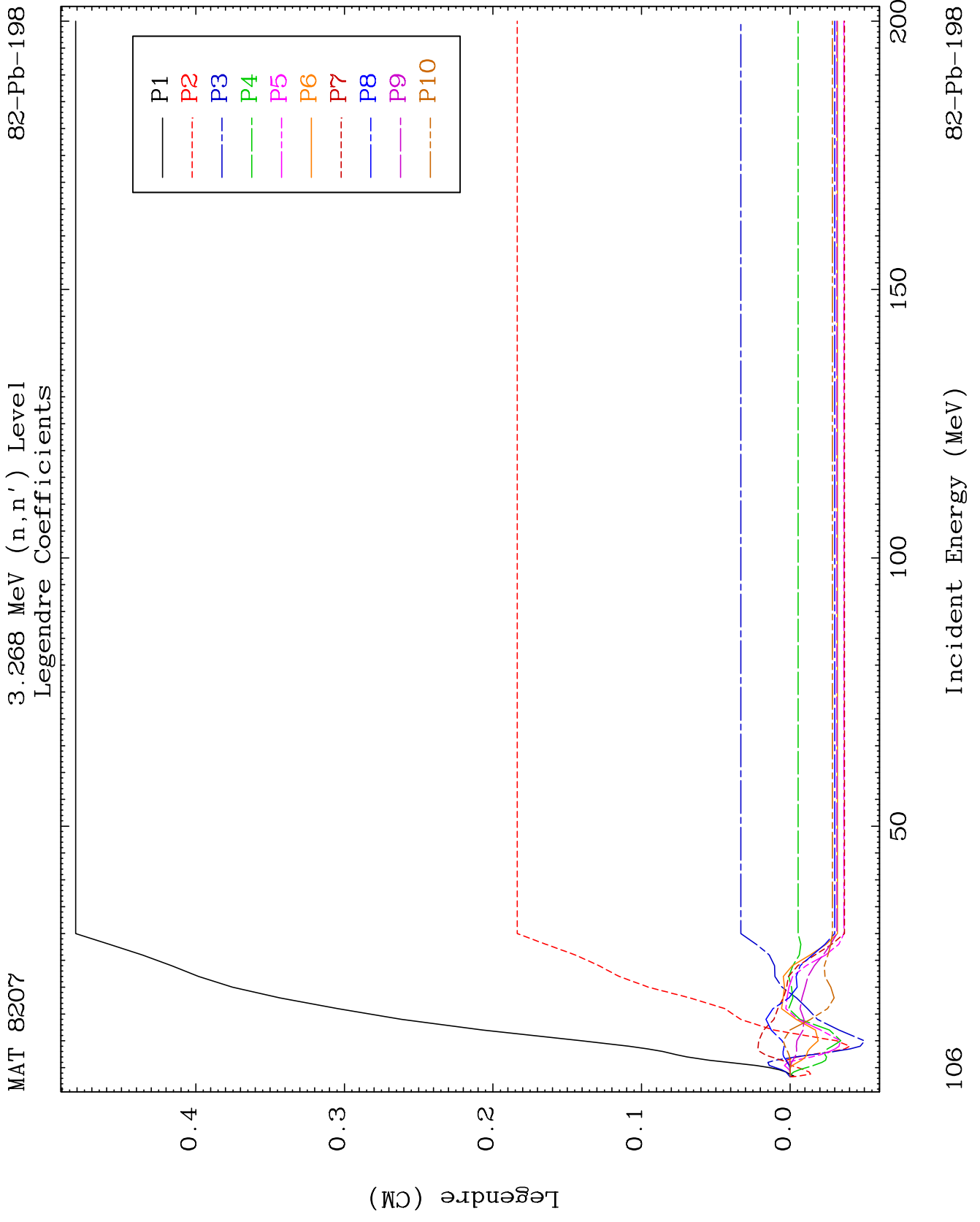








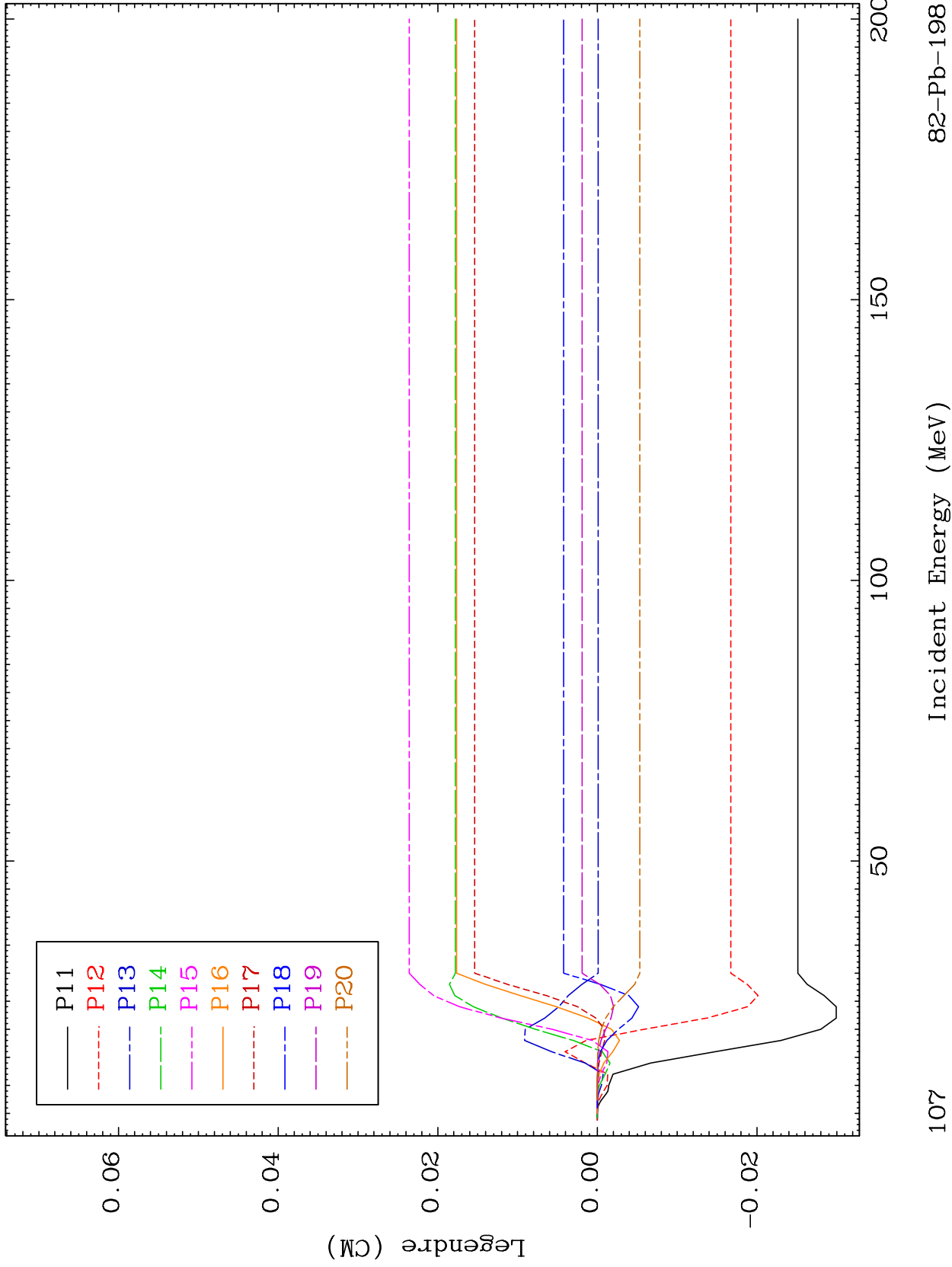




MAT 8207

3.268 MeV (n,n') Level
Legendre Coefficients

82-Pb-198



107

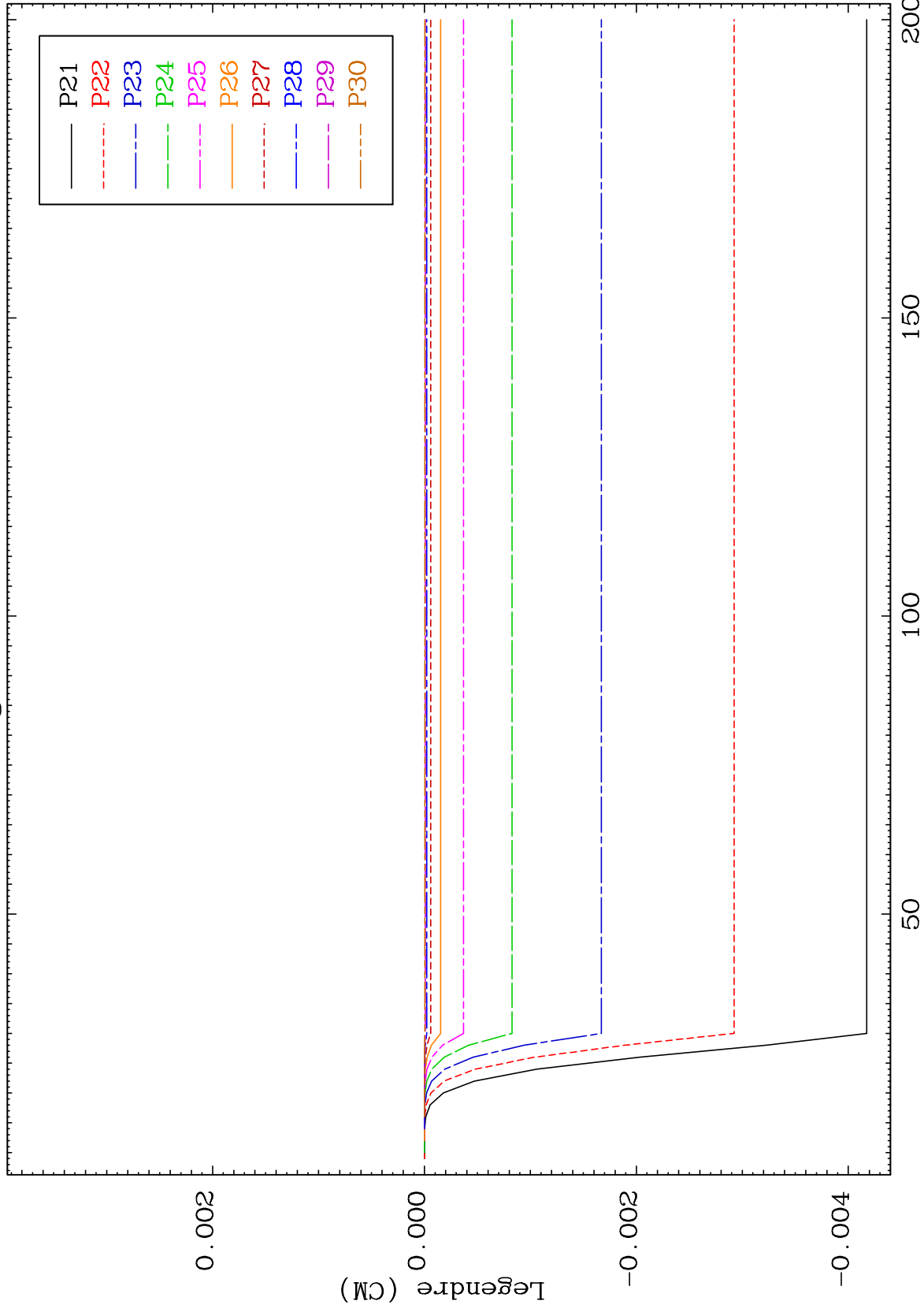
Incident Energy (MeV)

82-Pb-198

MAT 8207

3.268 MeV (n,n') Level
Legendre Coefficients

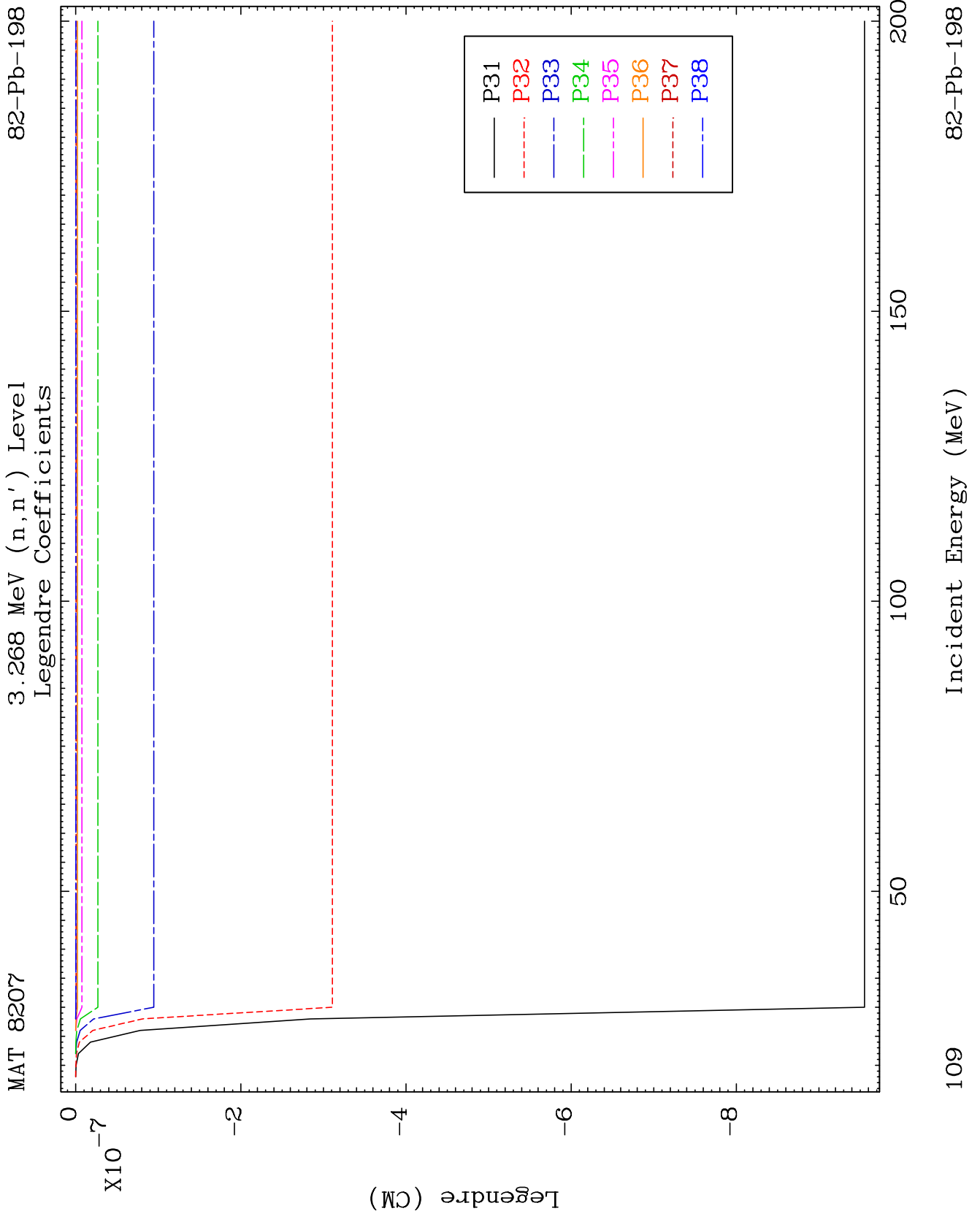
82-Pb-198



108

Incident Energy (MeV)

82-Pb-198

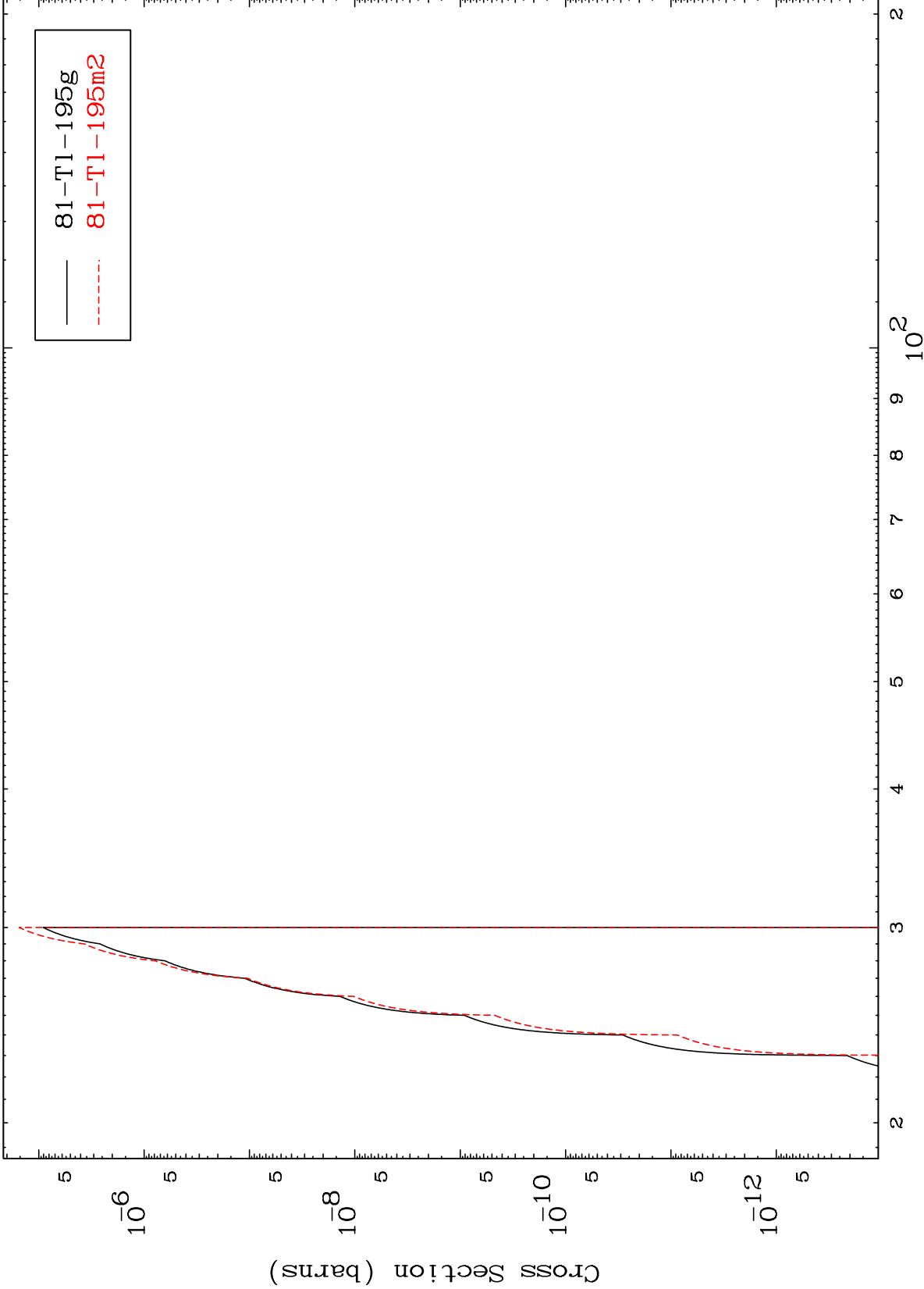


MAT 8207

(n,2n) d

82-Pb-198

Radionuclide Production Cross Section



110

Incident Energy (MeV)

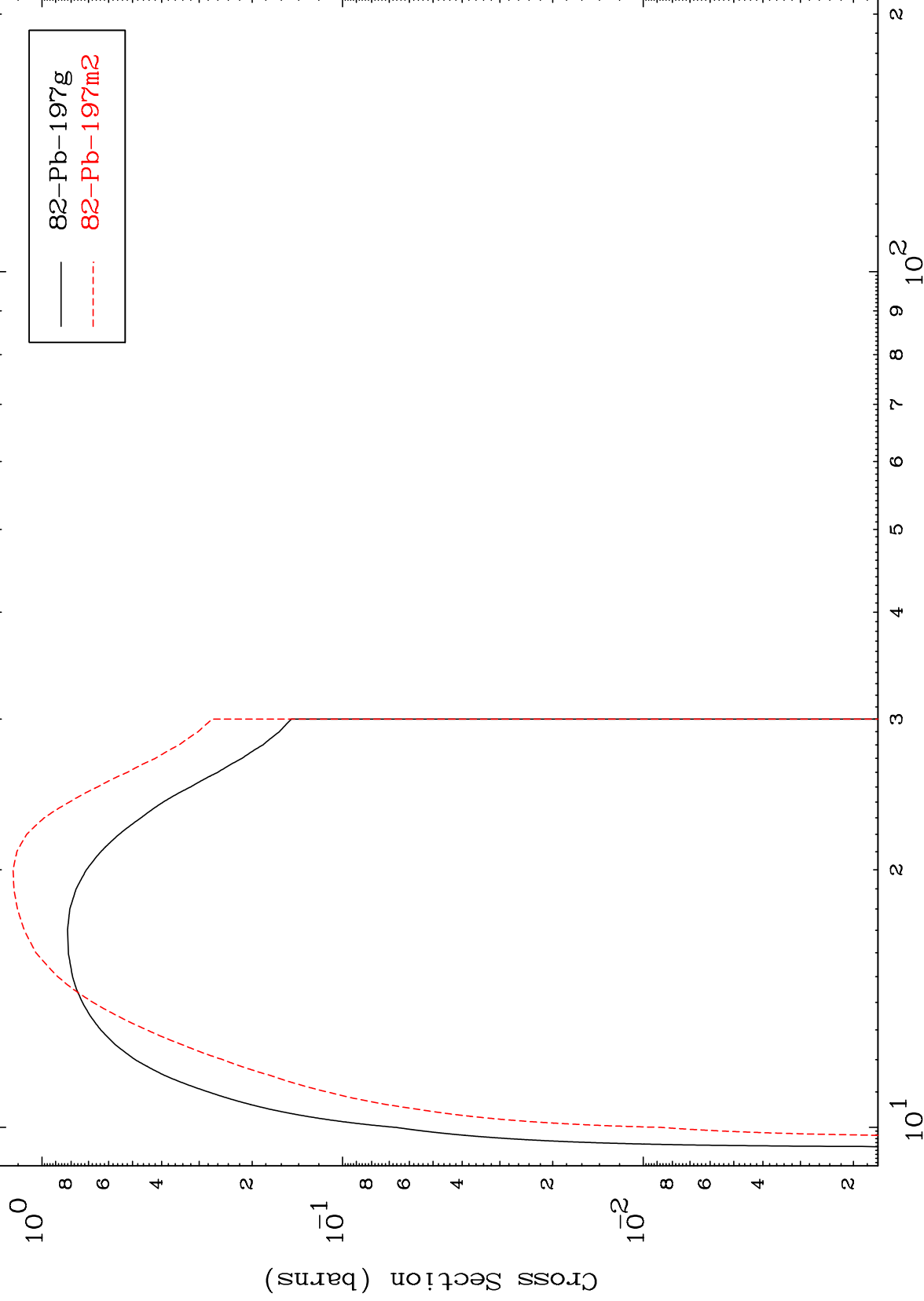
82-Pb-198

MAT 8207

(n,2n)

82-Pb-198

Radionuclide Production Cross Section



111

Incident Energy (MeV)

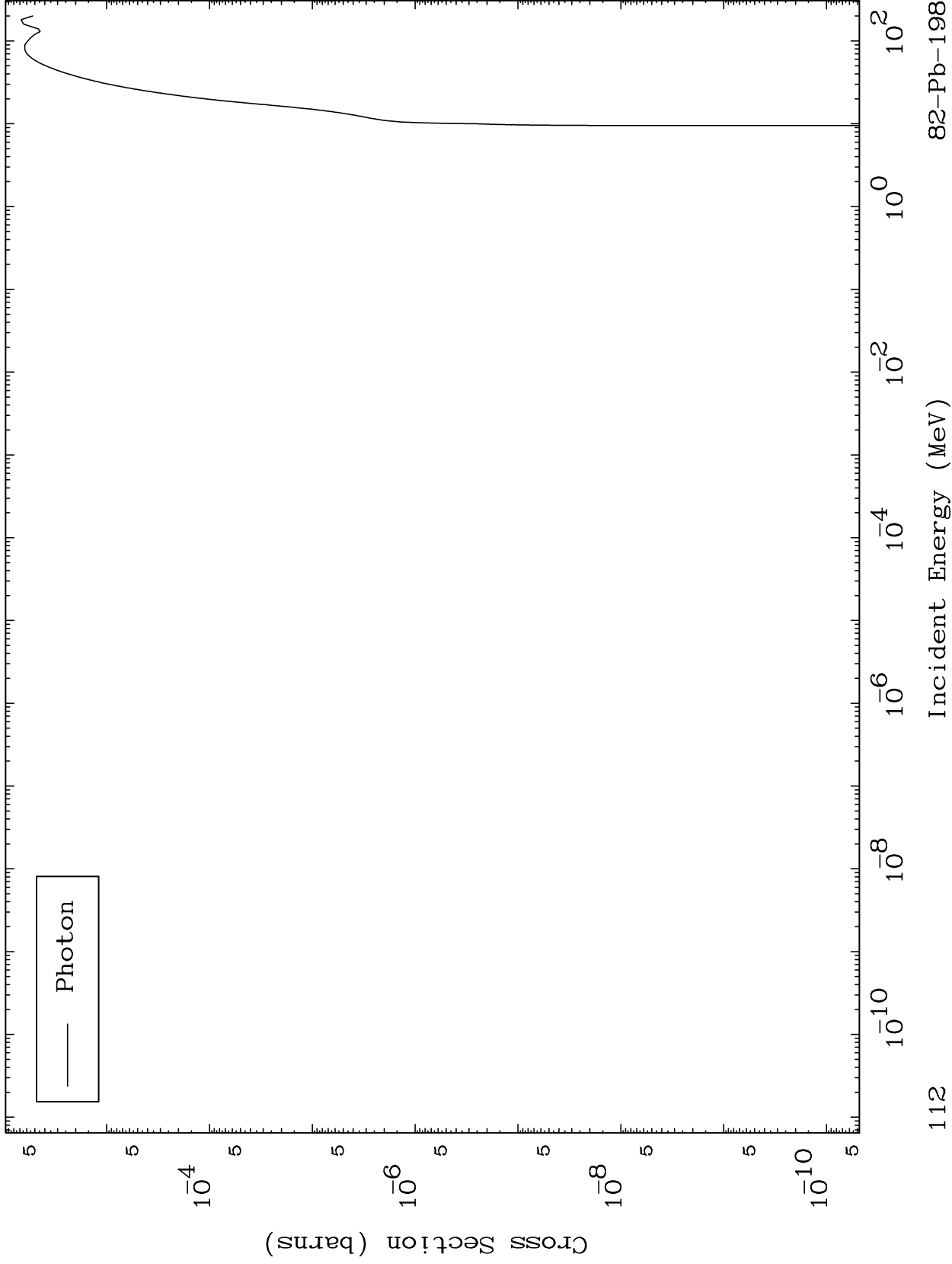
82-Pb-198

MAT 8207

Fission

82-Pb-198

Radionuclide Production Cross Section



112

Incident Energy (MeV)

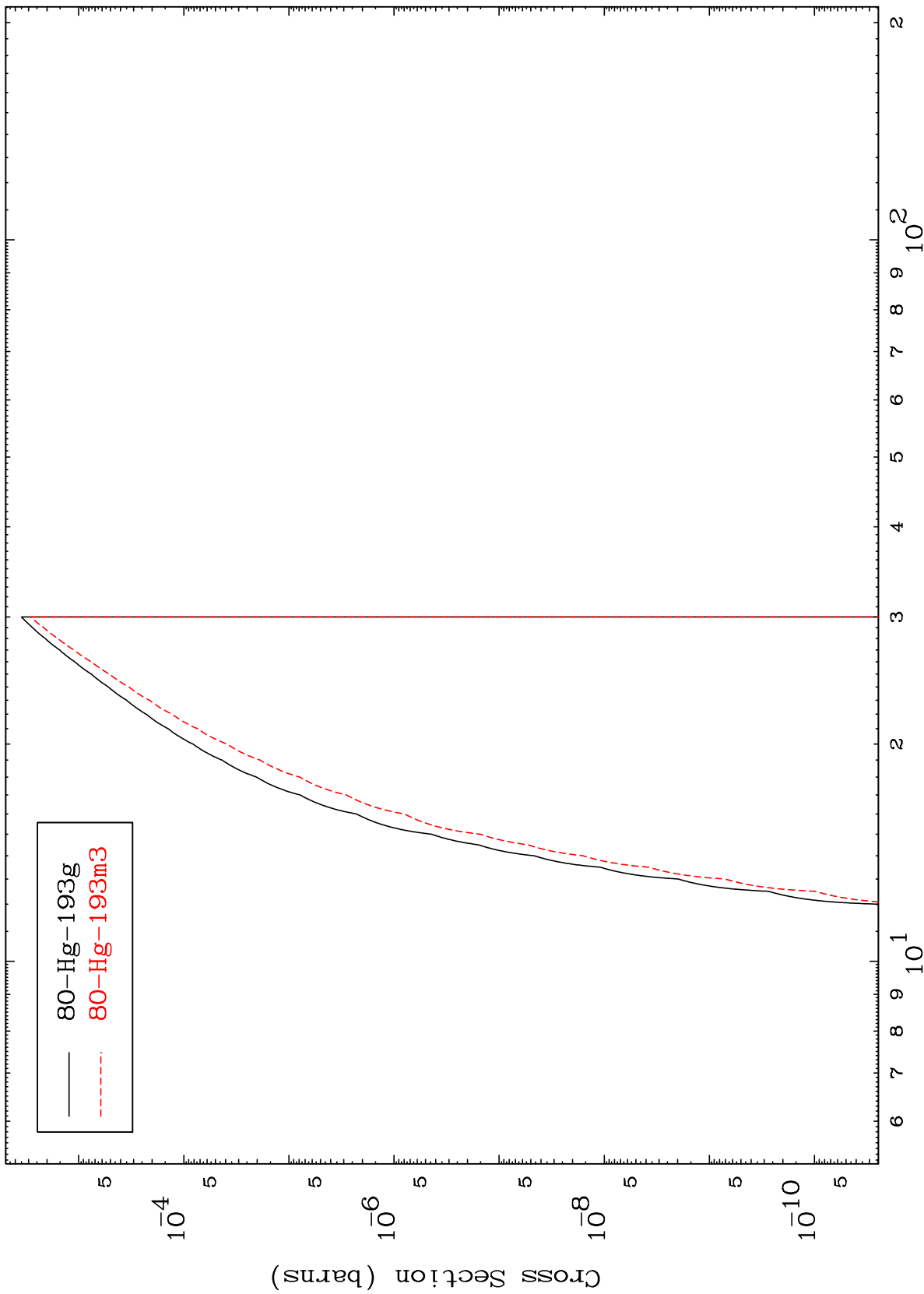
82-Pb-198

MAT 8207

(n,2n) α

82-Pb-198

Radionuclide Production Cross Section



113

Incident Energy (MeV)

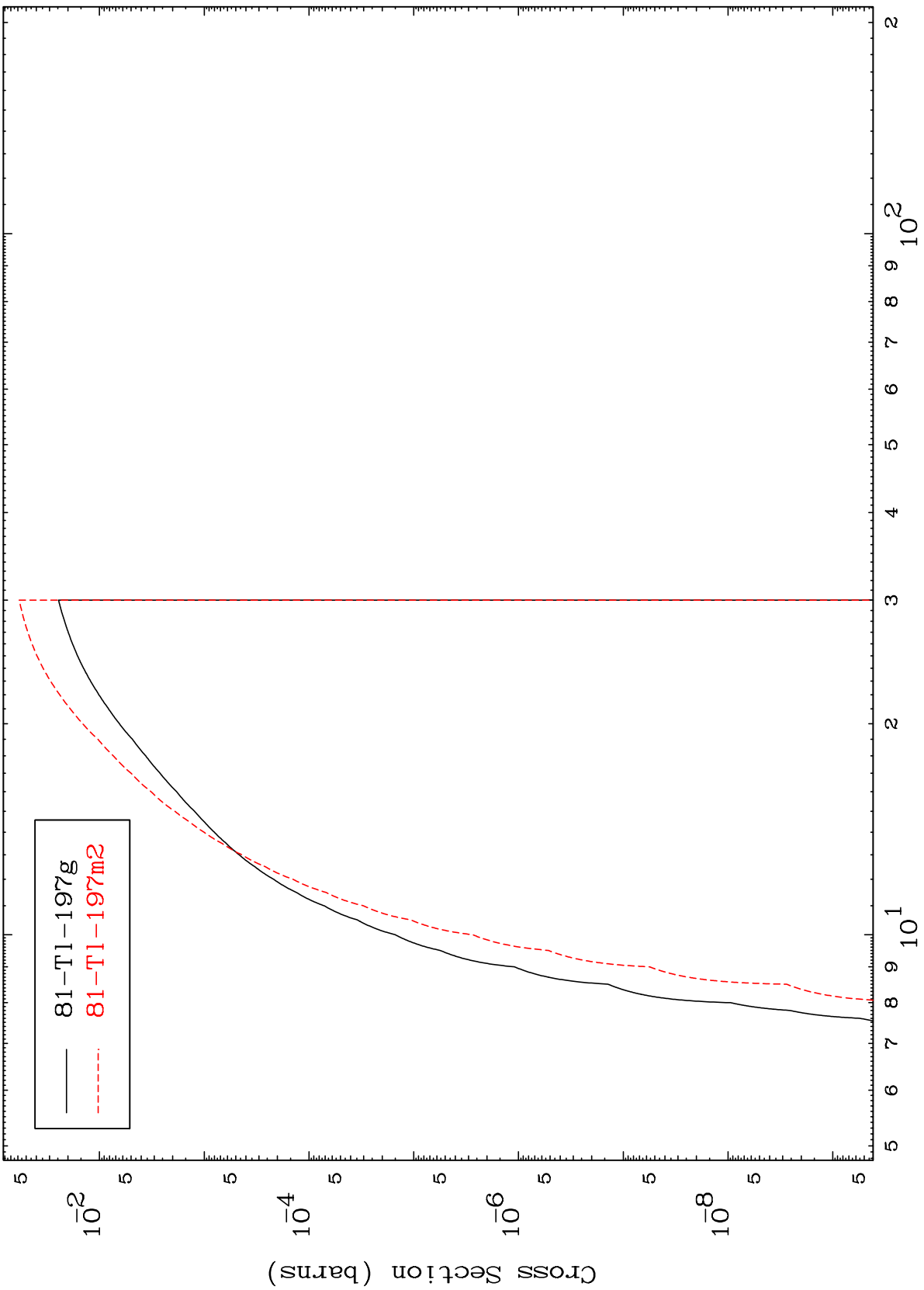
82-Pb-198

MAT 8207

(n,n') p

82-Pb-198

Radionuclide Production Cross Section



114

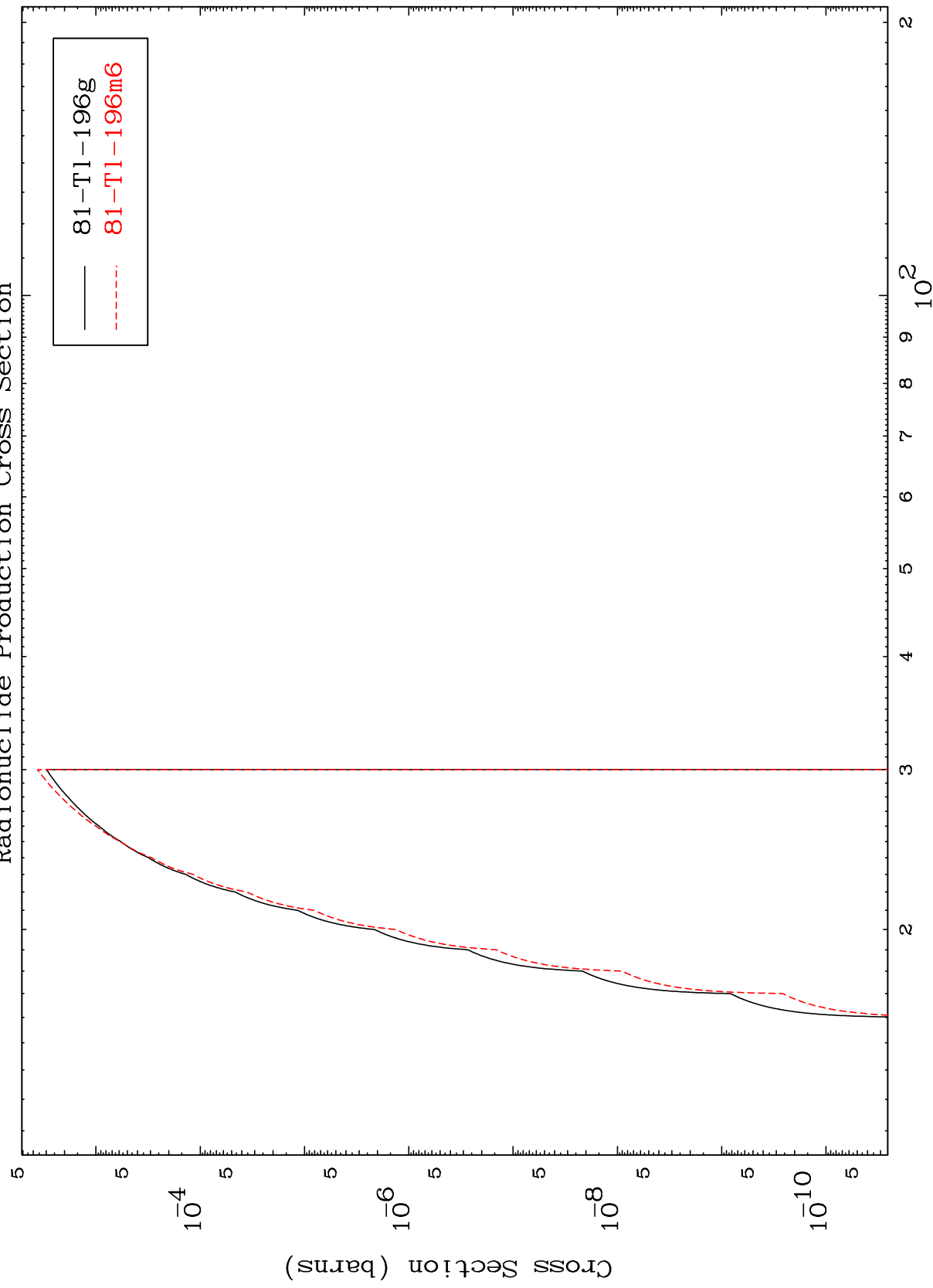
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

(n, n') d
Radionuclide Production Cross Section

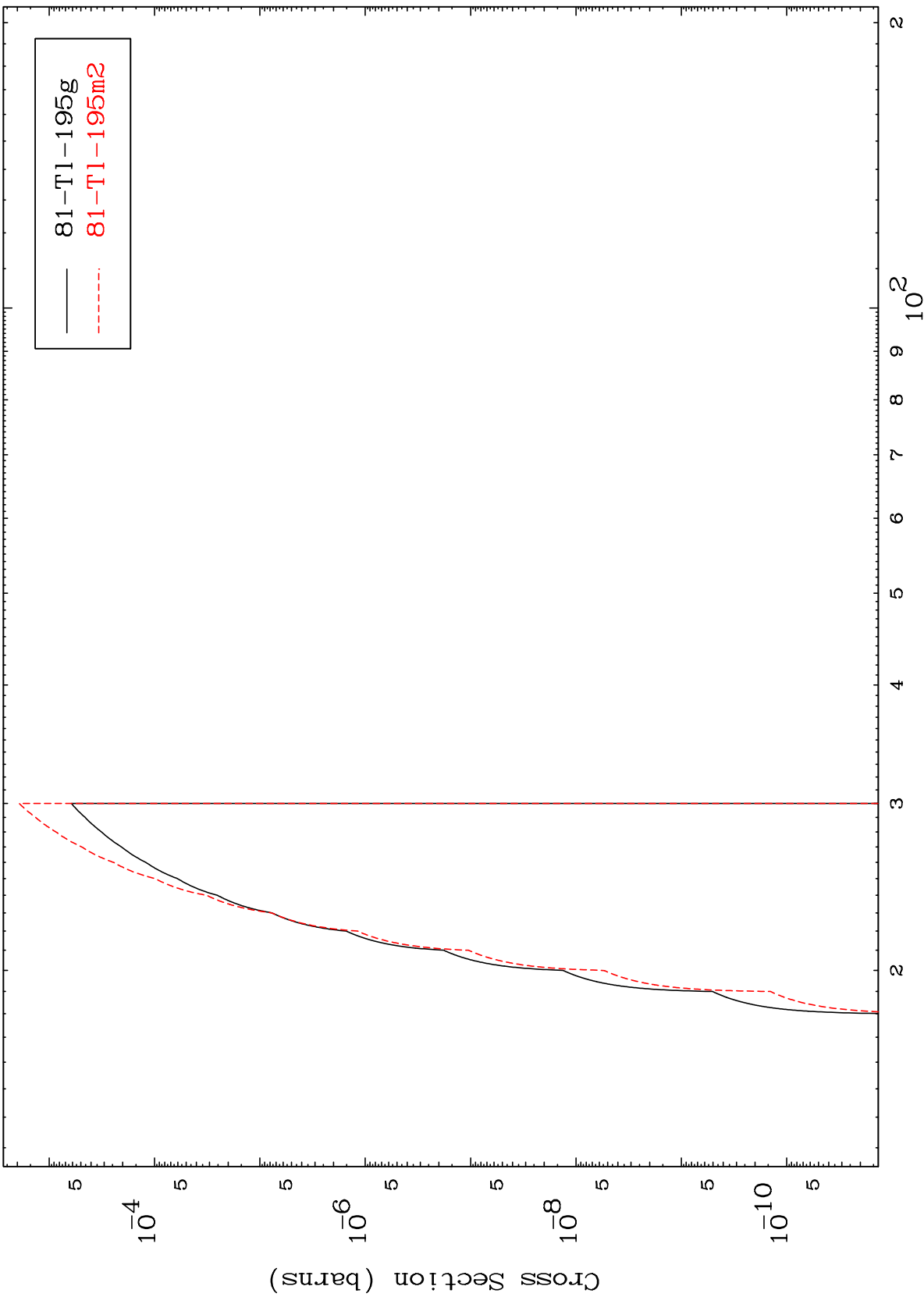


115

Incident Energy (MeV)

82-Pb-198

Radionuclide Production Cross Section

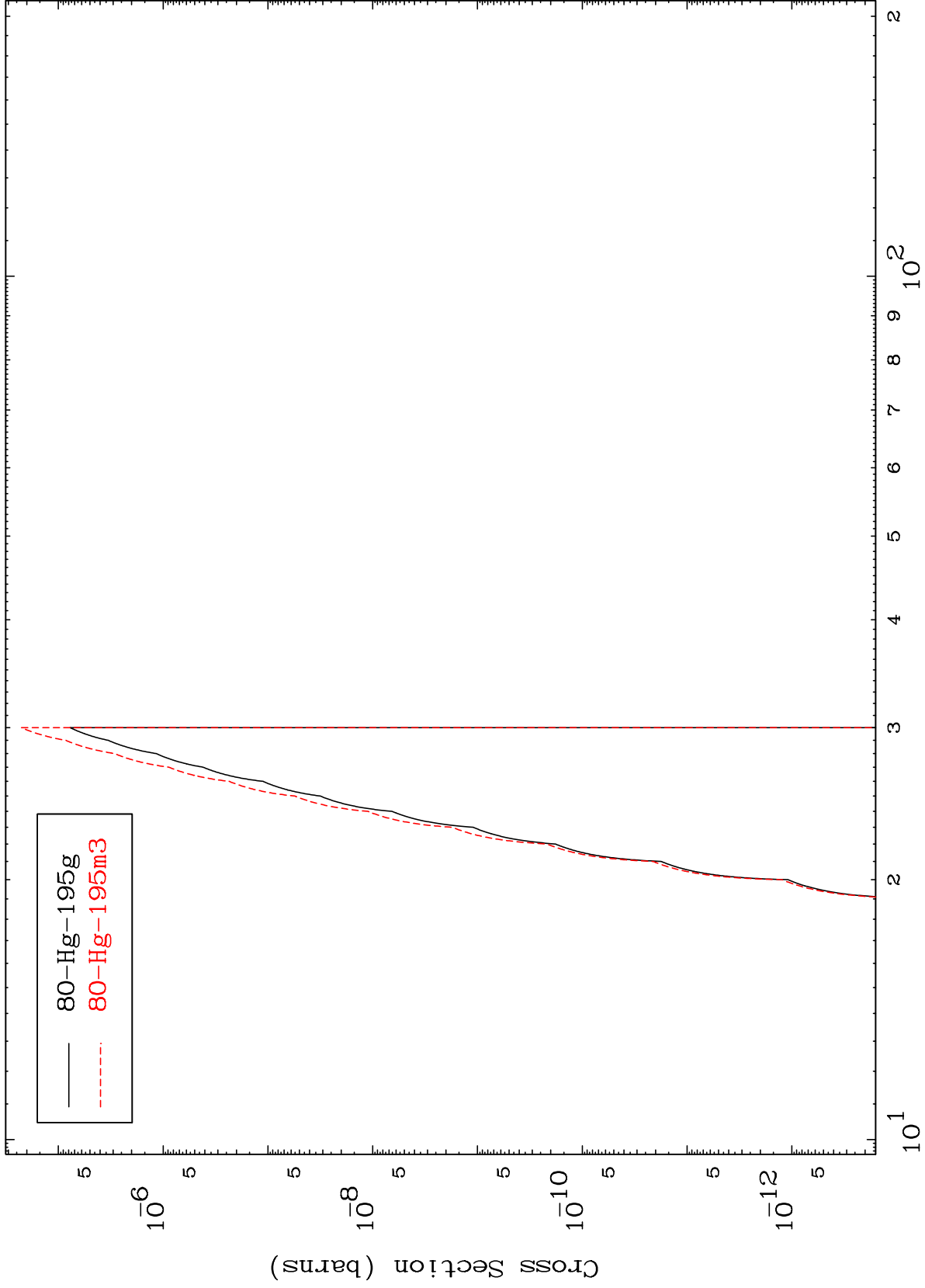


MAT 8207

(n,n') He-3

82-Pb-198

Radionuclide Production Cross Section

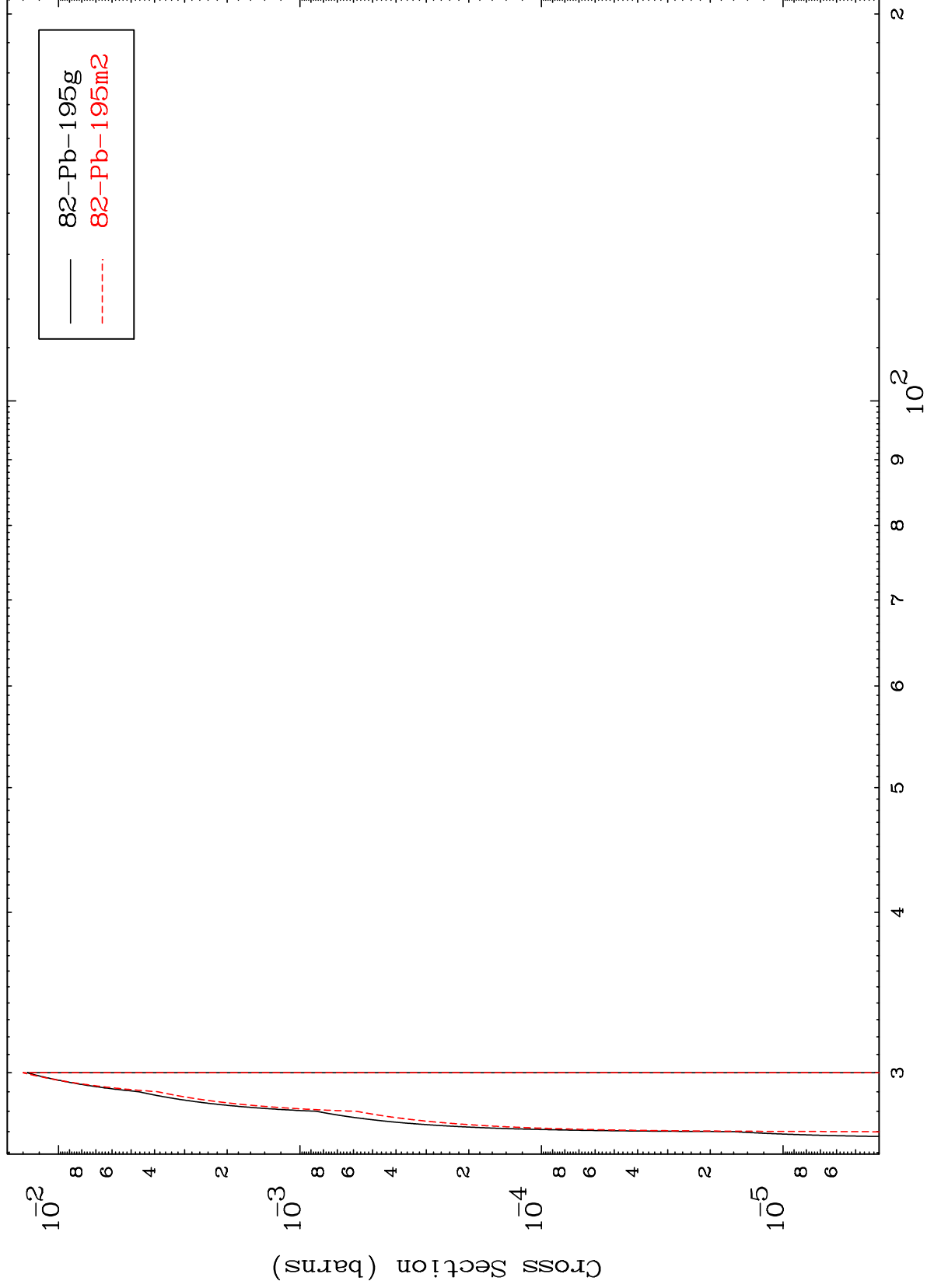


117

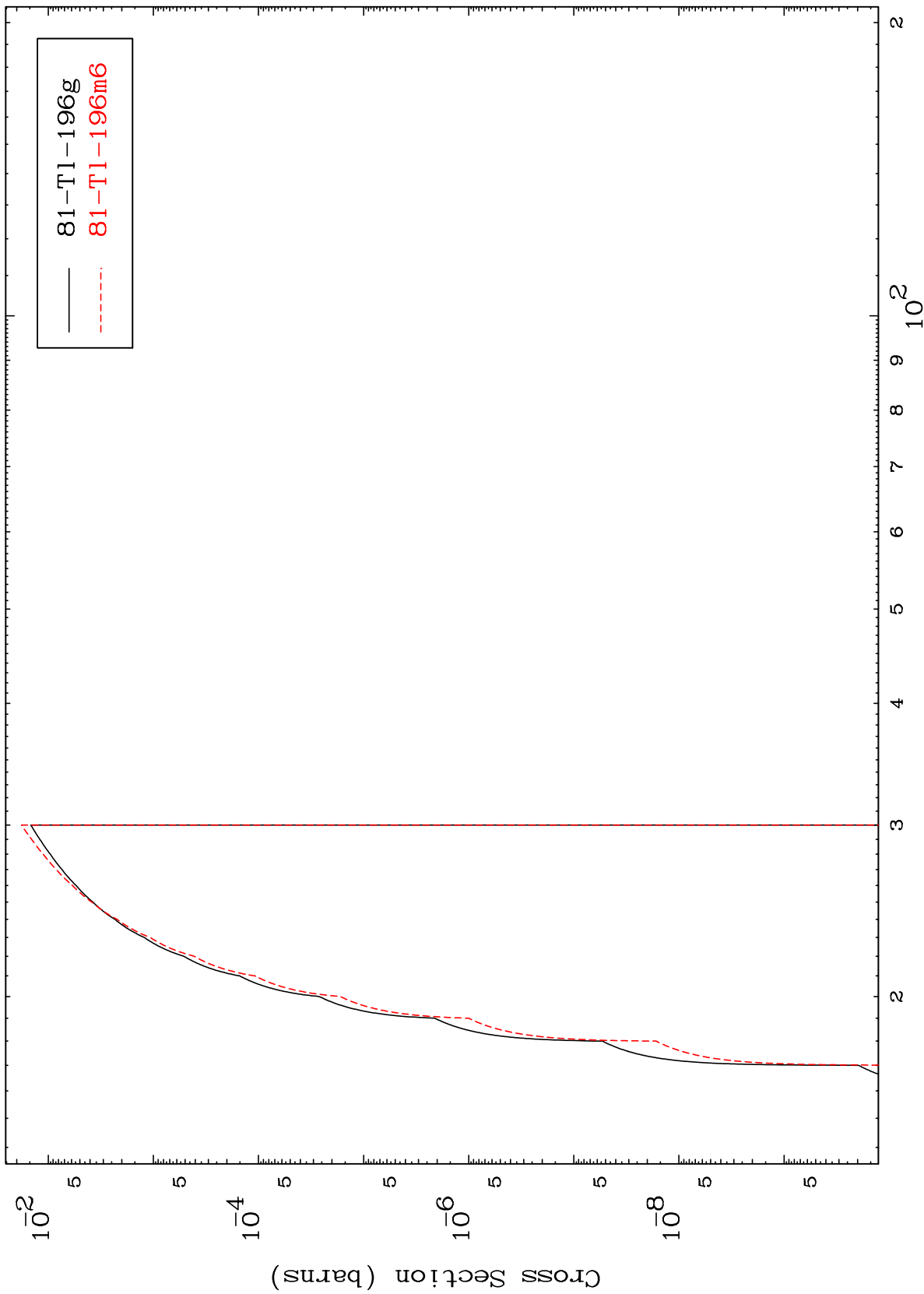
Incident Energy (MeV)

82-Pb-198

Radionuclide Production Cross Section



Radionuclide Production Cross Section

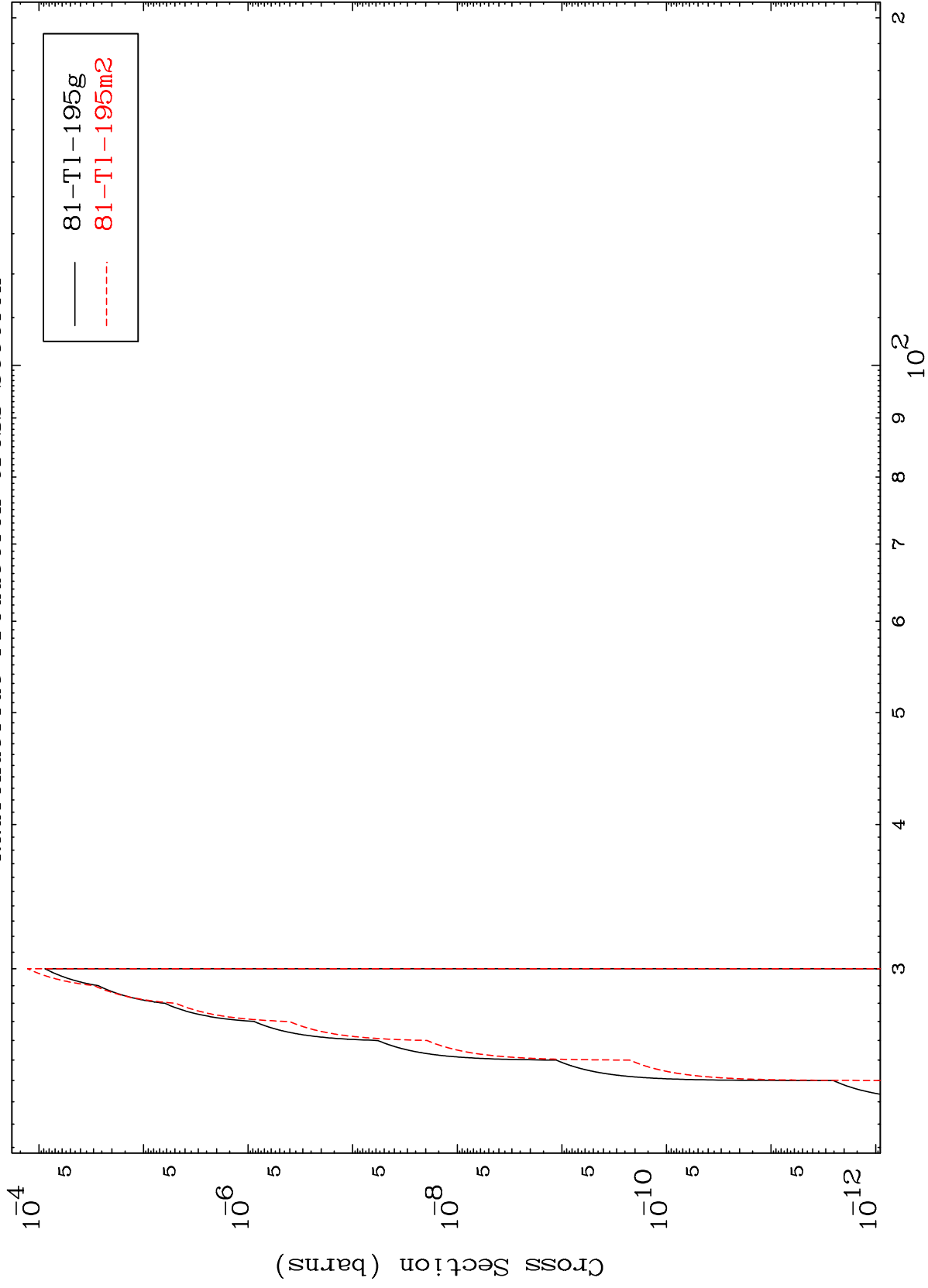


MAT 8207

(n,3n) p

82-Pb-198

Radionuclide Production Cross Section



120

Incident Energy (MeV)

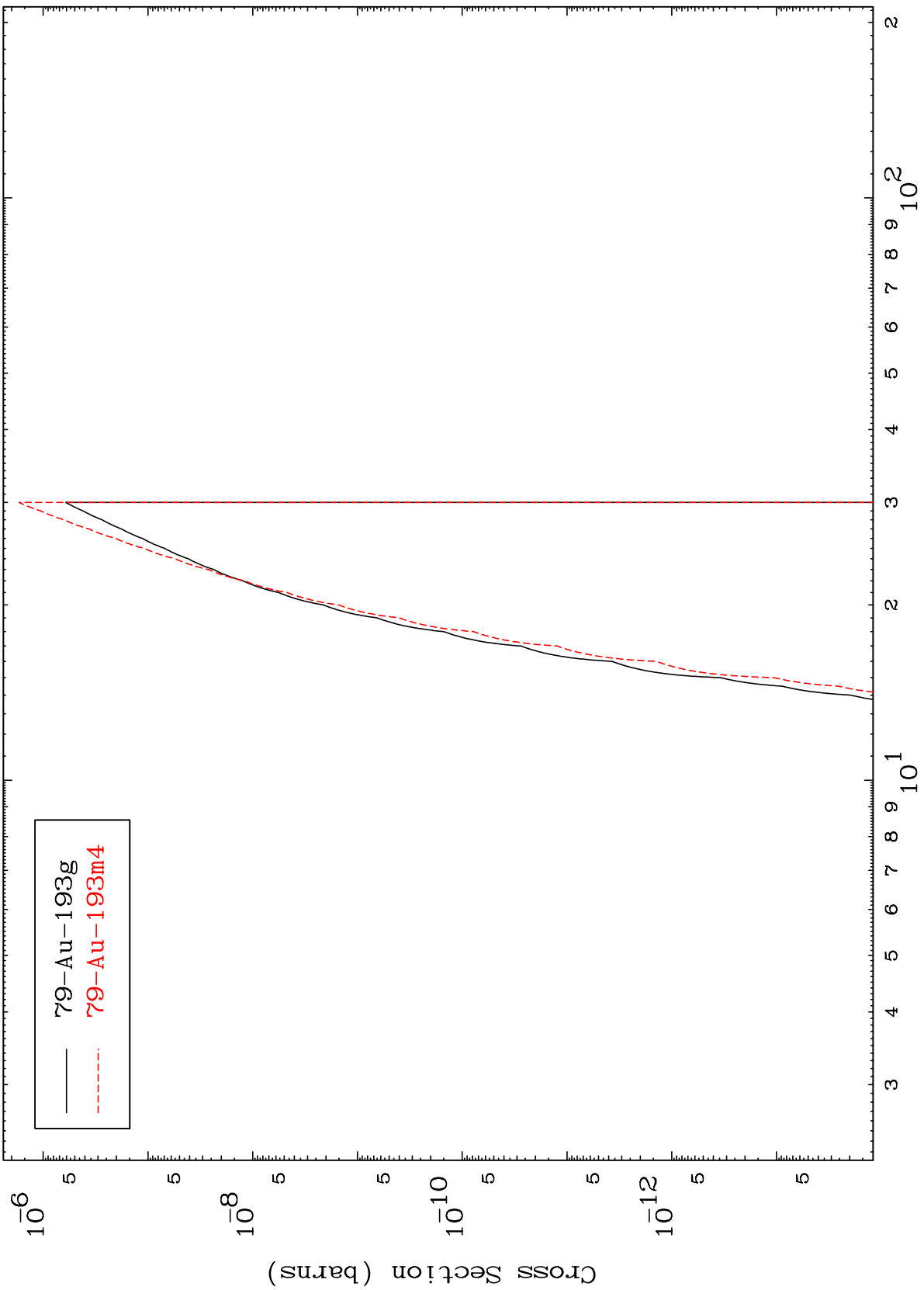
82-Pb-198

MAT 8207

(n,n') p α

82-Pb-198

Radionuclide Production Cross Section



121

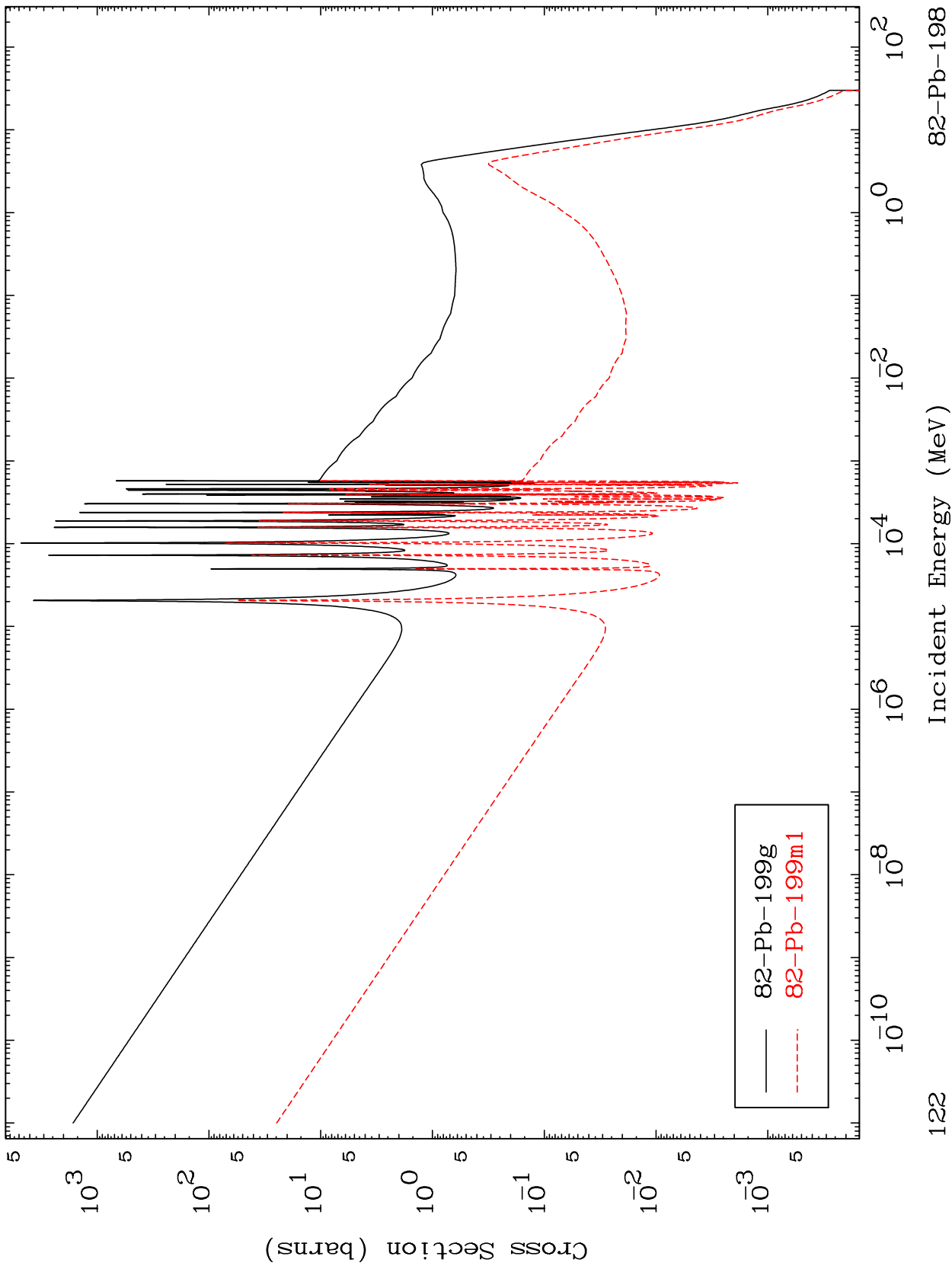
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

(n, γ)
Radionuclide Production Cross Section

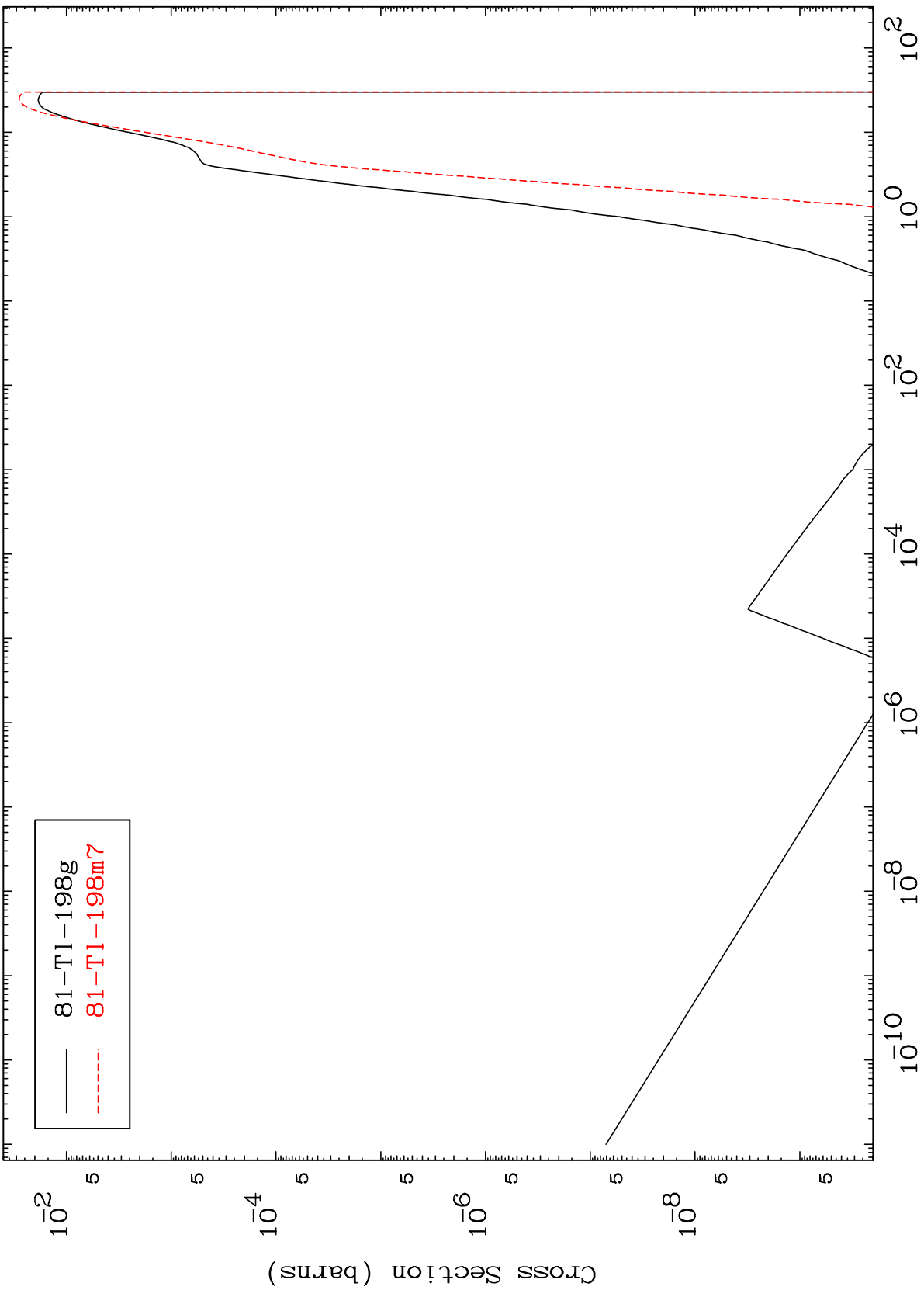
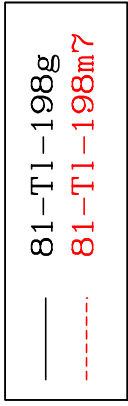


MAT 8207

(n,p)

82-Pb-198

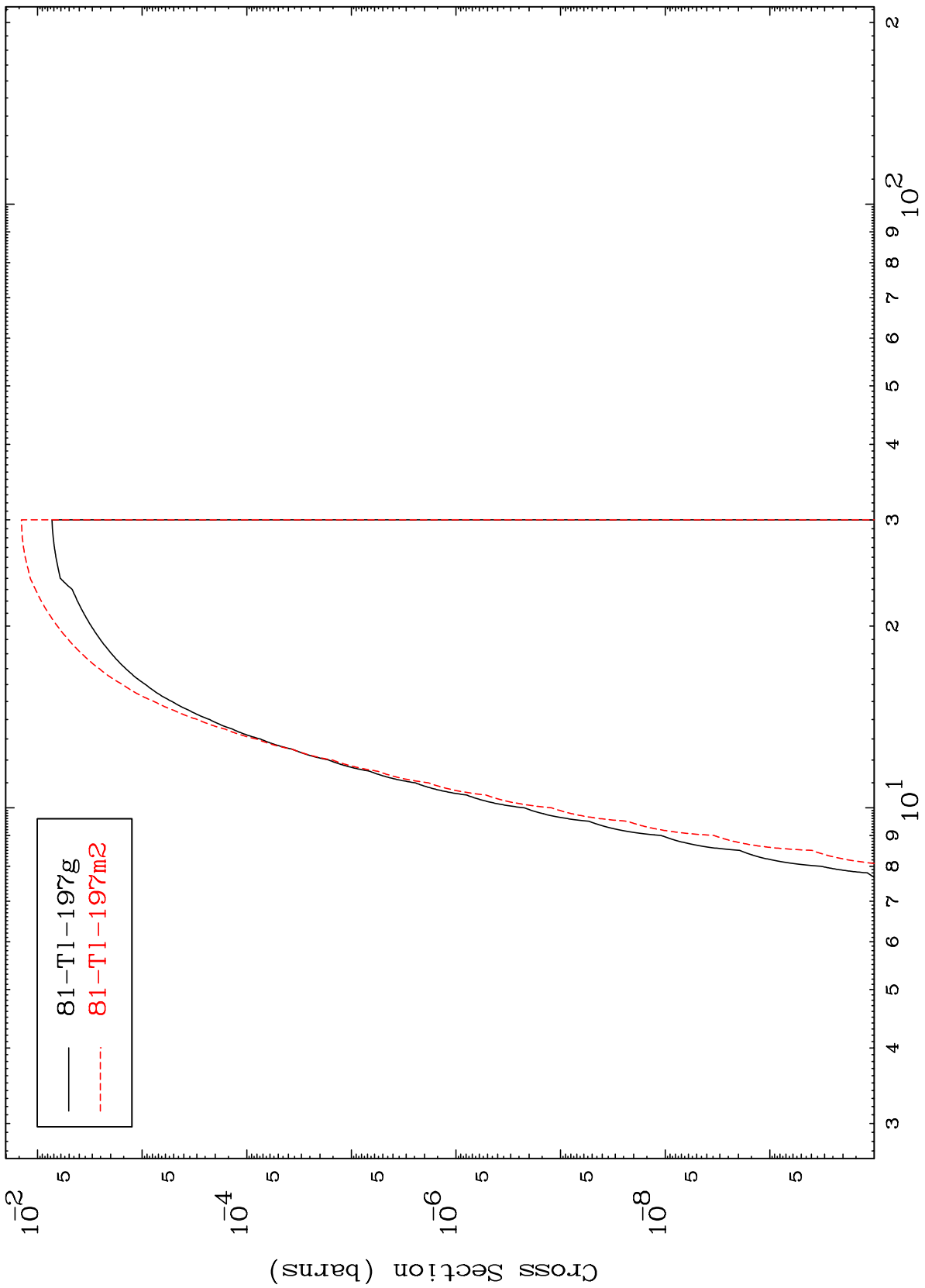
Radionuclide Production Cross Section



MAT 8207

82-Pb-198

(n,d)
Radionuclide Production Cross Section



124

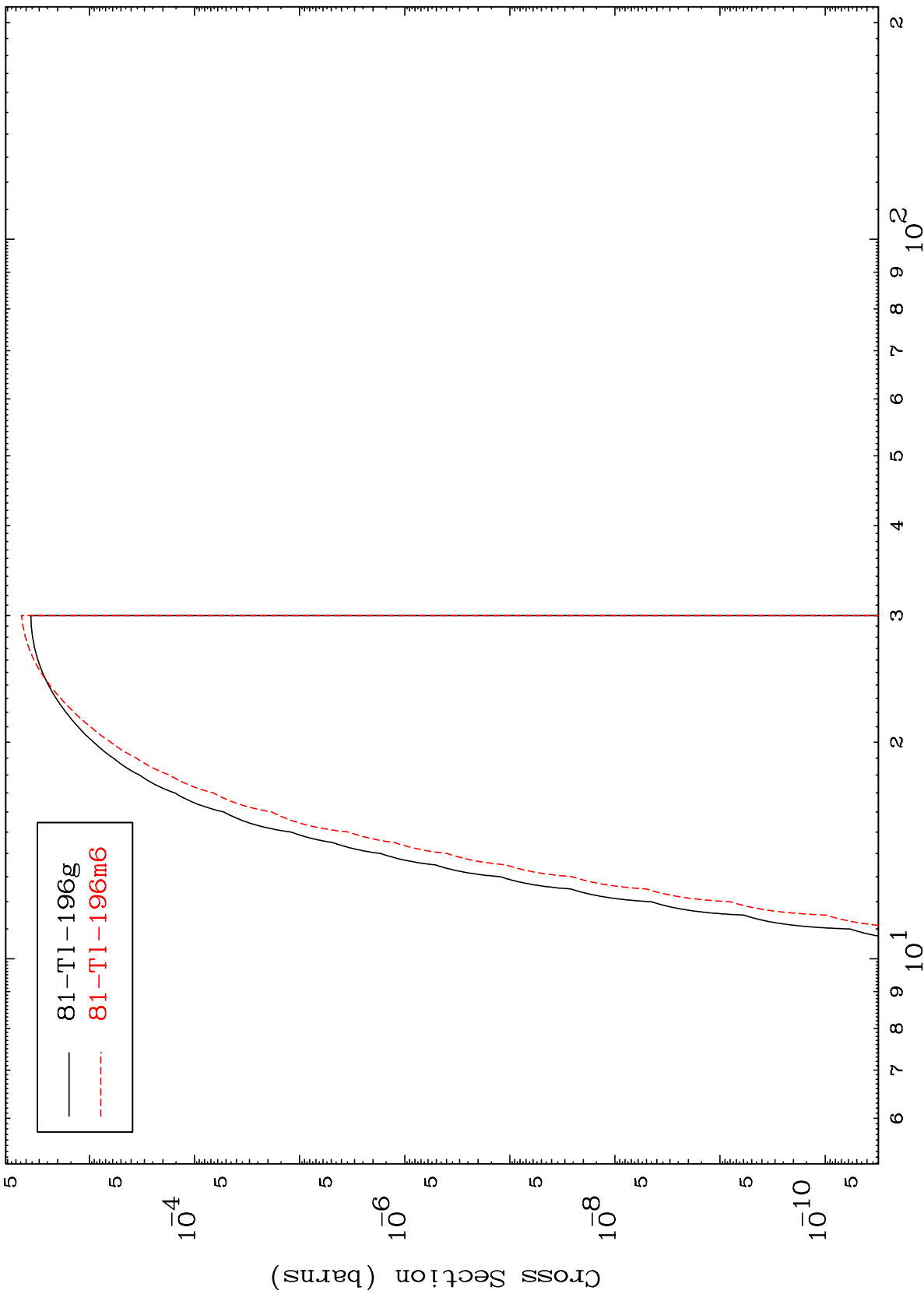
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

(n, t)
Radionuclide Production Cross Section



125

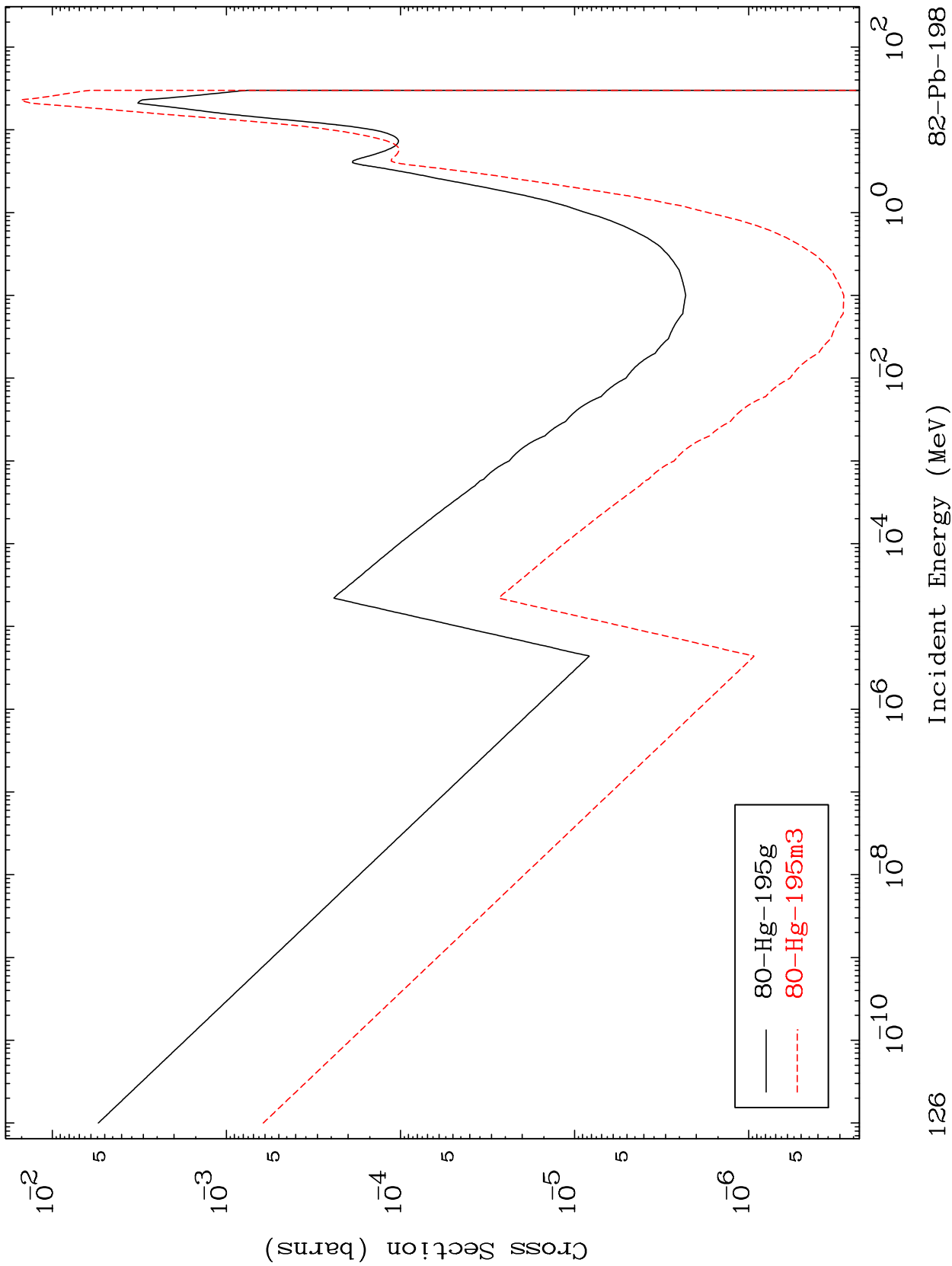
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

Radionuclide Production Cross Section
(n, α)



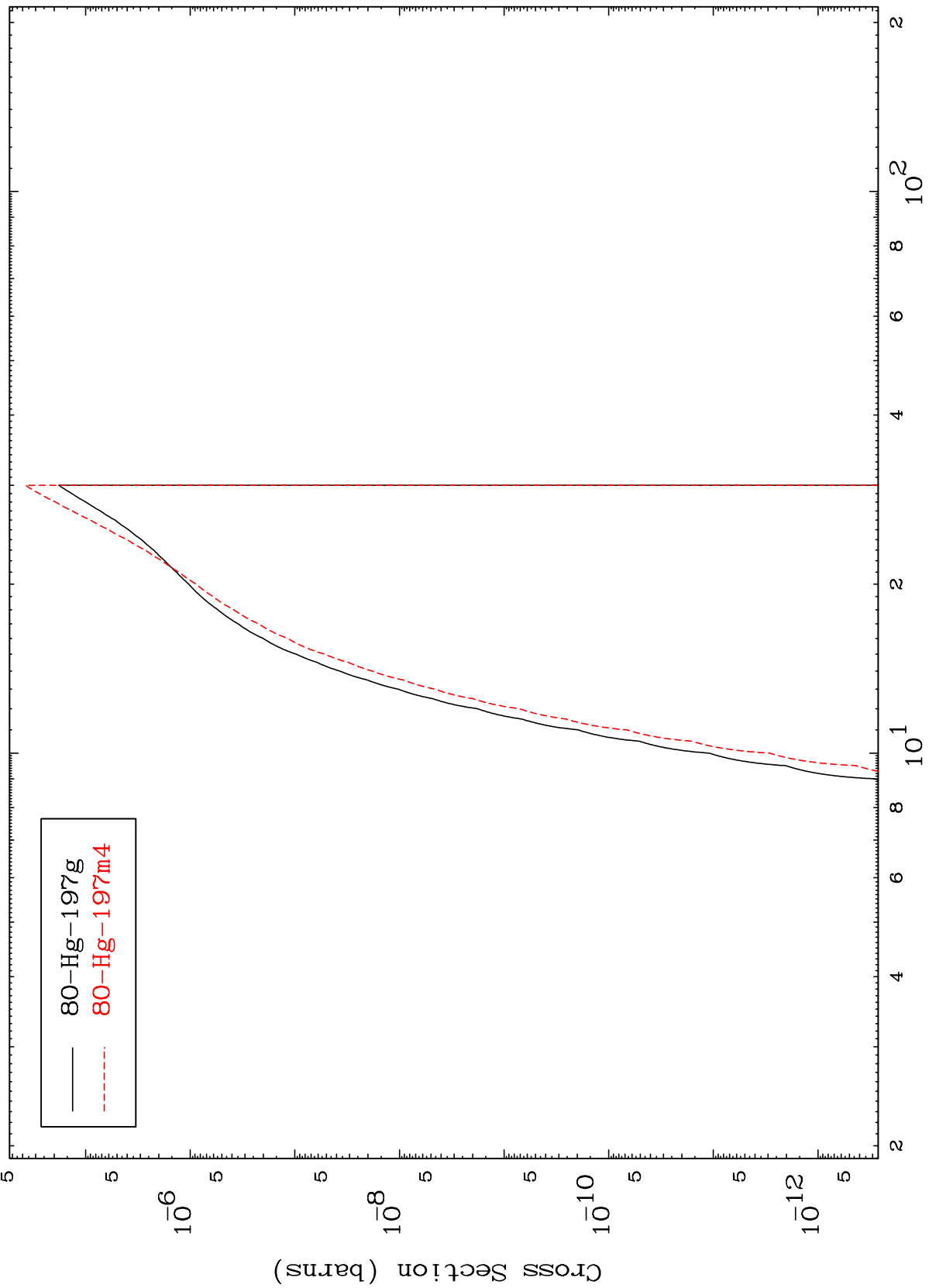
126

82-Pb-198

MAT 8207

82-Pb-198

(n,2p)
Radionuclide Production Cross Section



127

82-Pb-198

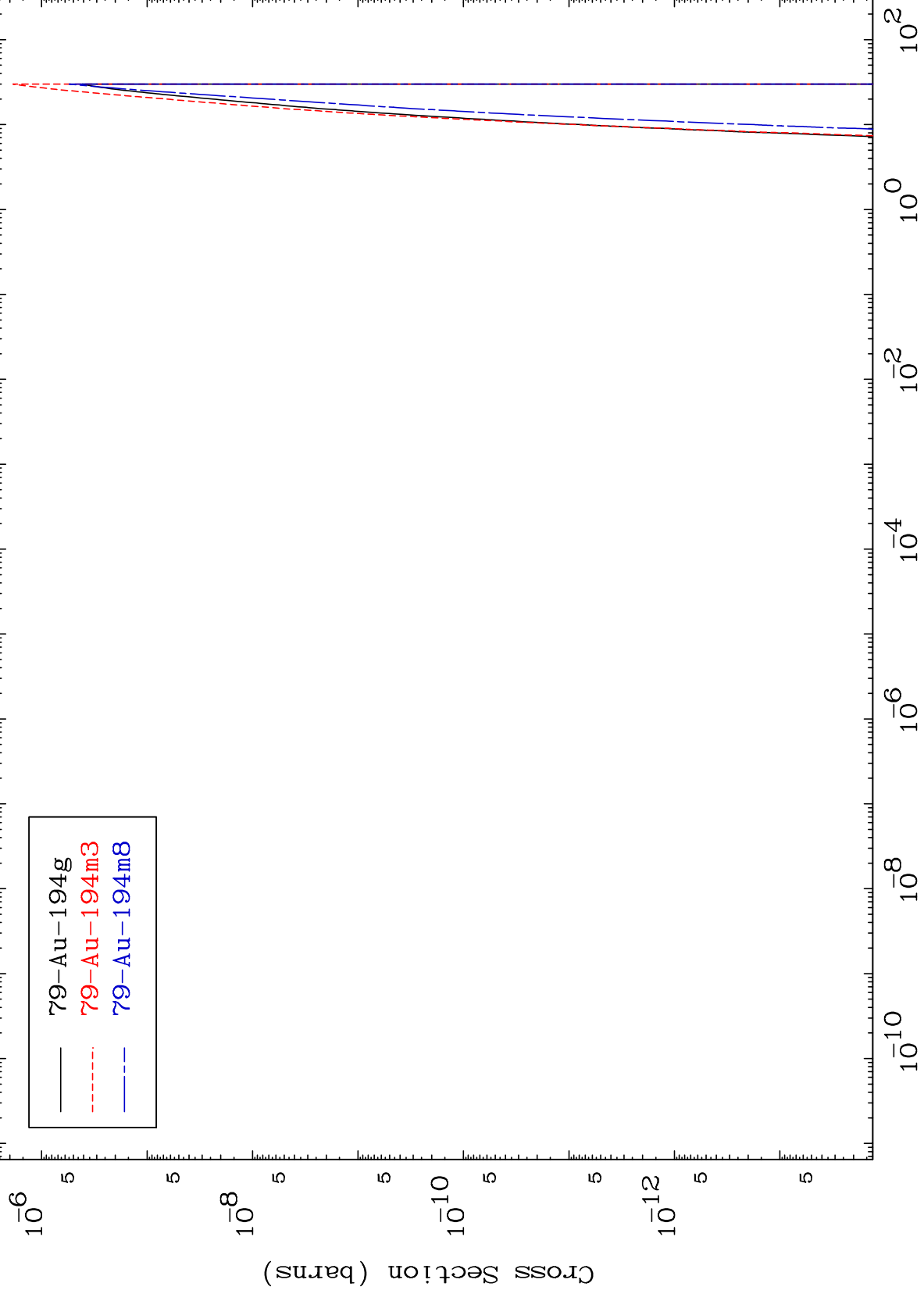
Incident Energy (MeV)

MAT 8207

(n,p) α

82-Pb-198

Radionuclide Production Cross Section

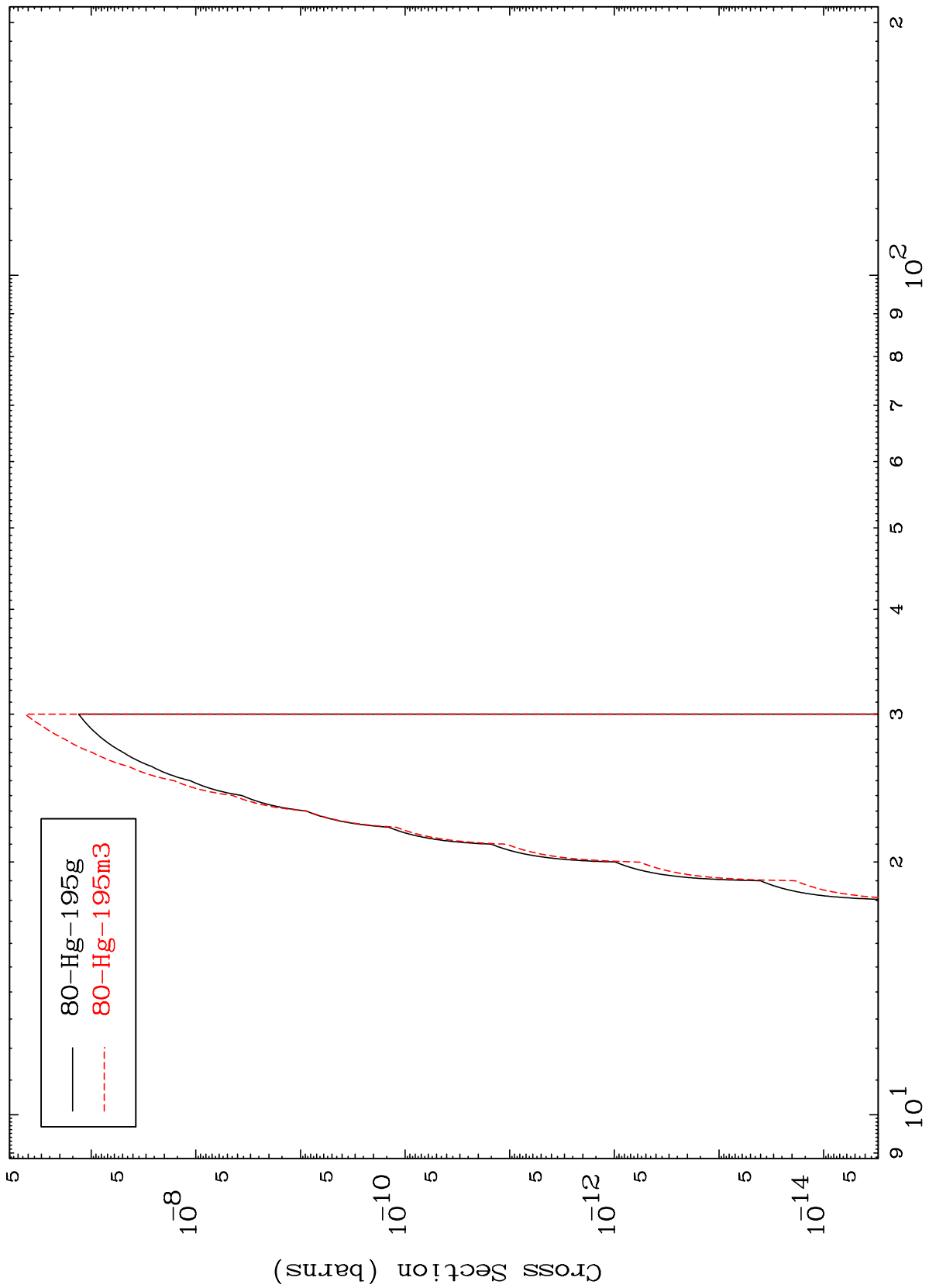


MAT 8207

(n,p) t

82-Pb-198

Radionuclide Production Cross Section



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

129

Incident Energy (MeV)

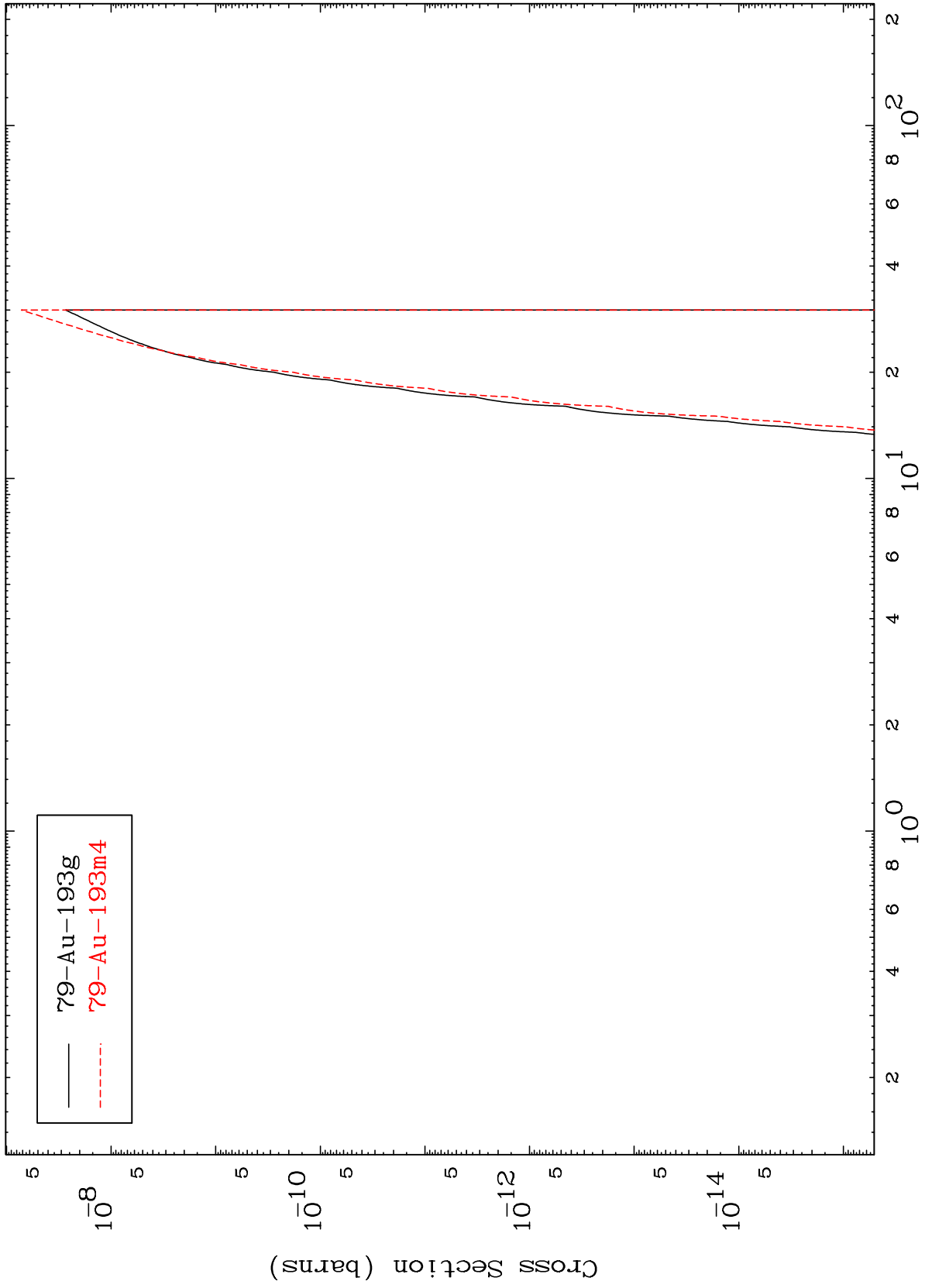
82-Pb-198

MAT 8207

(n,d) α

82-Pb-198

Radionuclide Production Cross Section



130

Incident Energy (MeV)

82-Pb-198