

Program EVALPLOT
(Version 2015-2)

by

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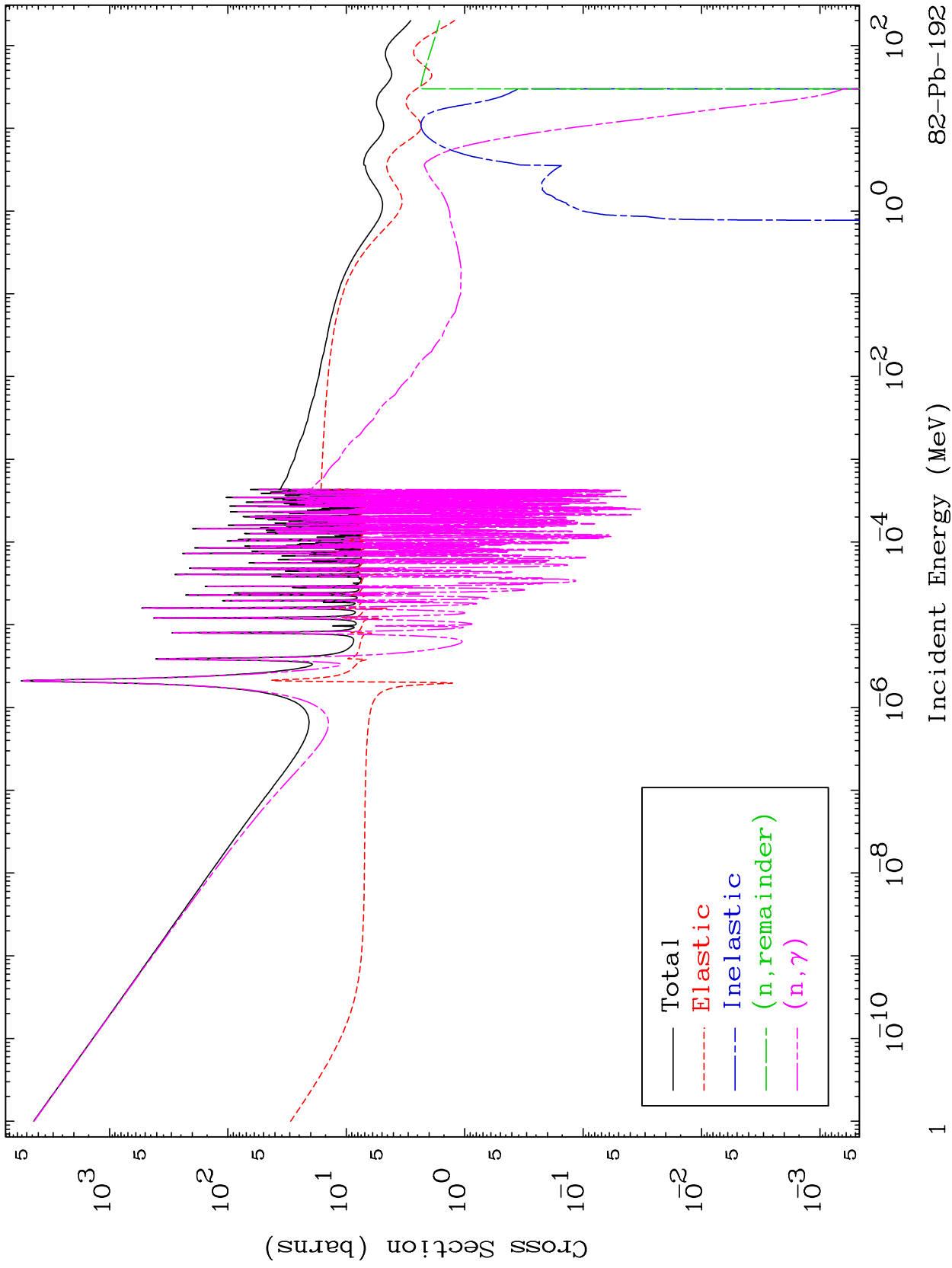
Press Mouse Button to Start

MAT 8189

Major

293 Kelvin Cross Sections

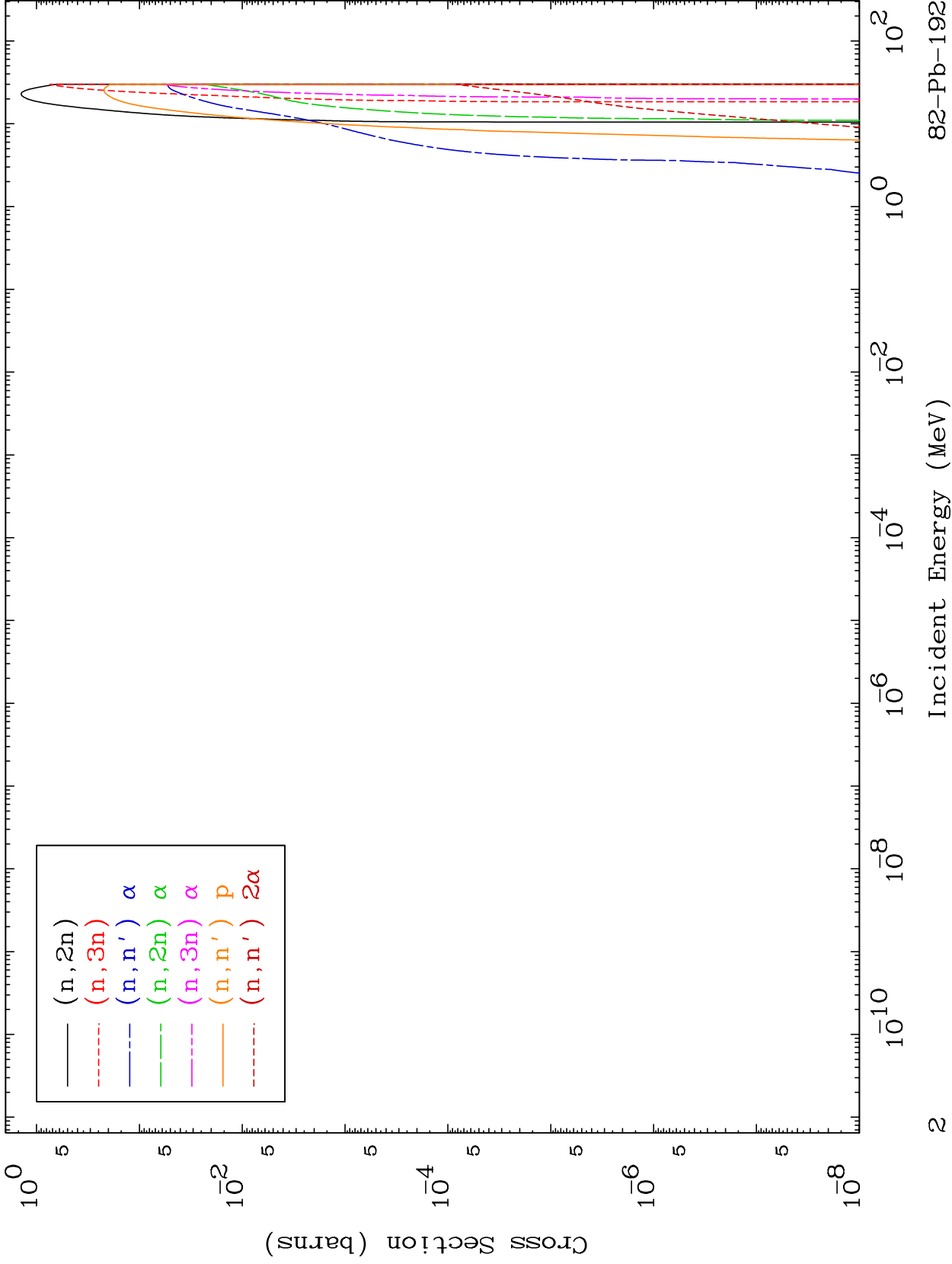
82-Pb-192



MAT 8189

Neutron Production
293 Kelvin Cross Sections

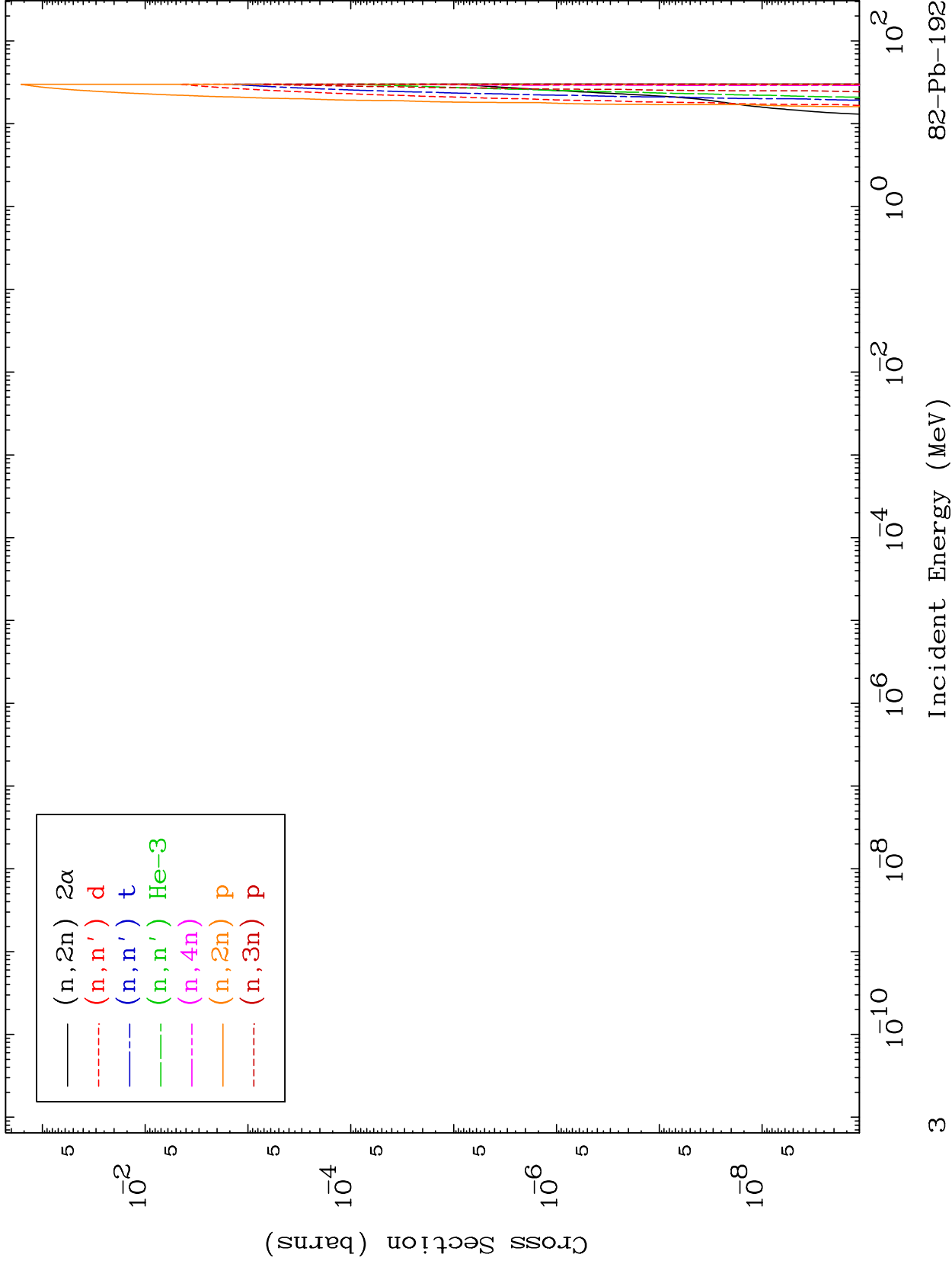
82-Pb-192



MAT 8189

Neutron Production
293 Kelvin Cross Sections

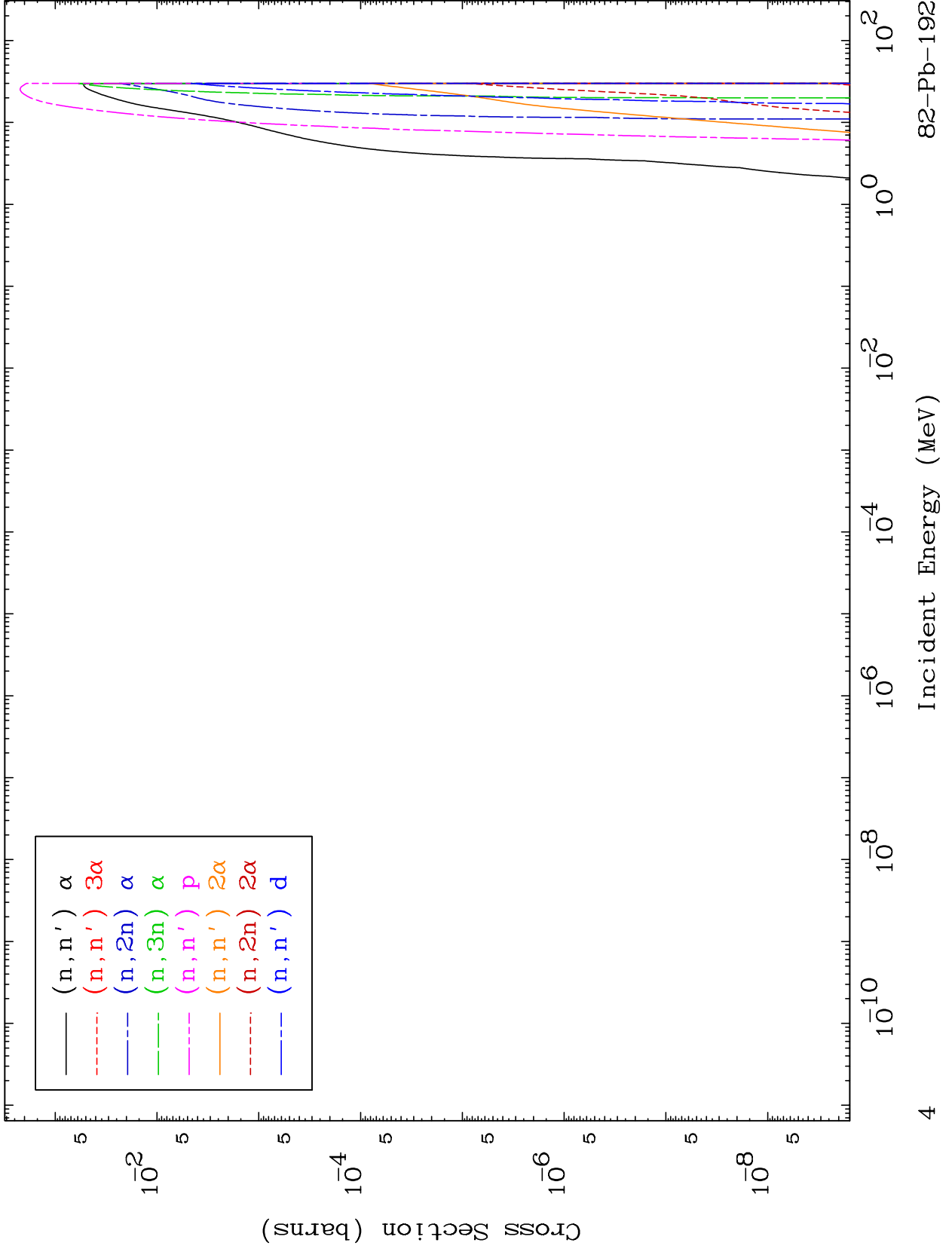
82-Pb-192

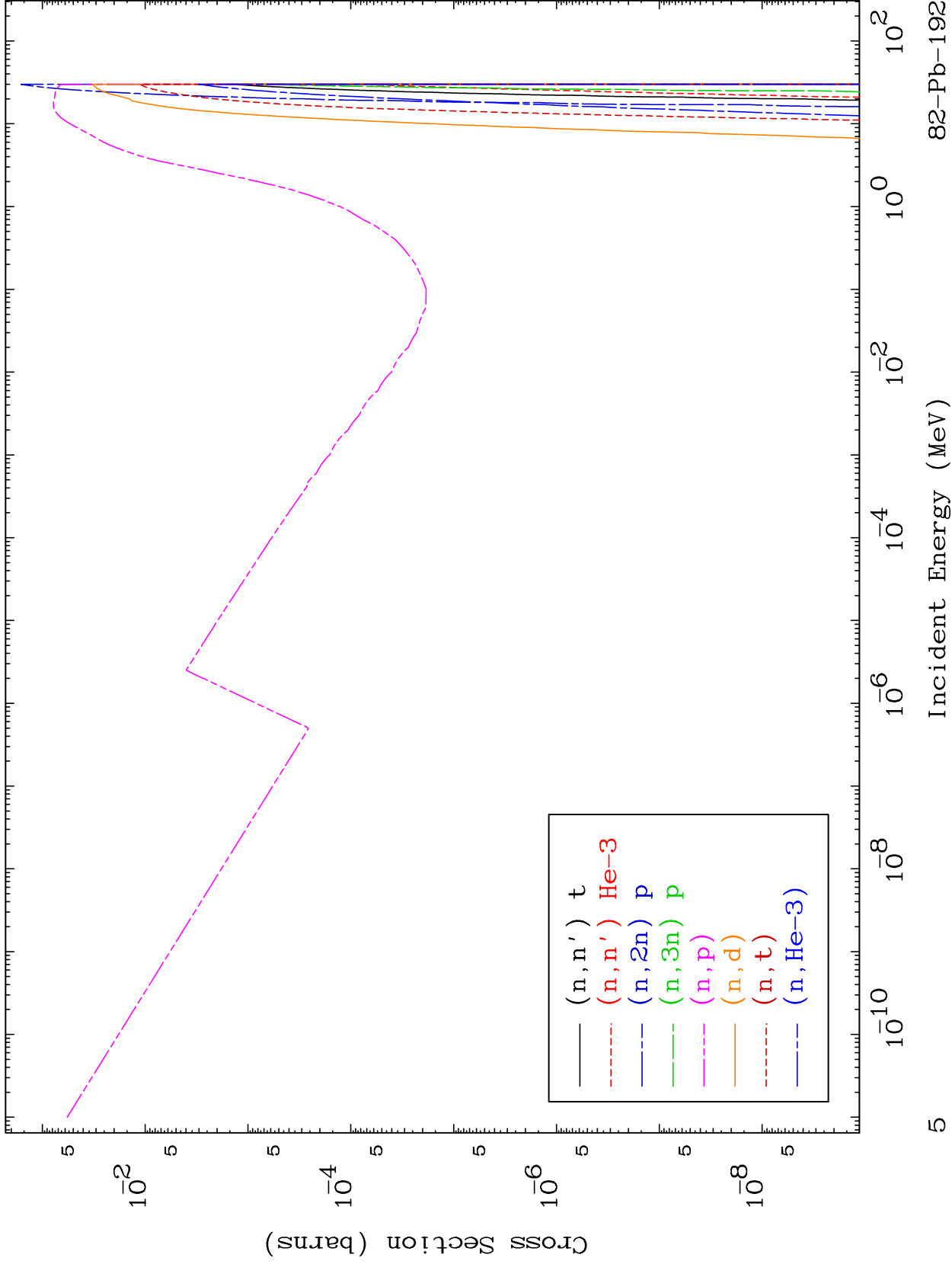


MAT 8189

Charged Particle
293 Kelvin Cross Sections

82-Pb-192

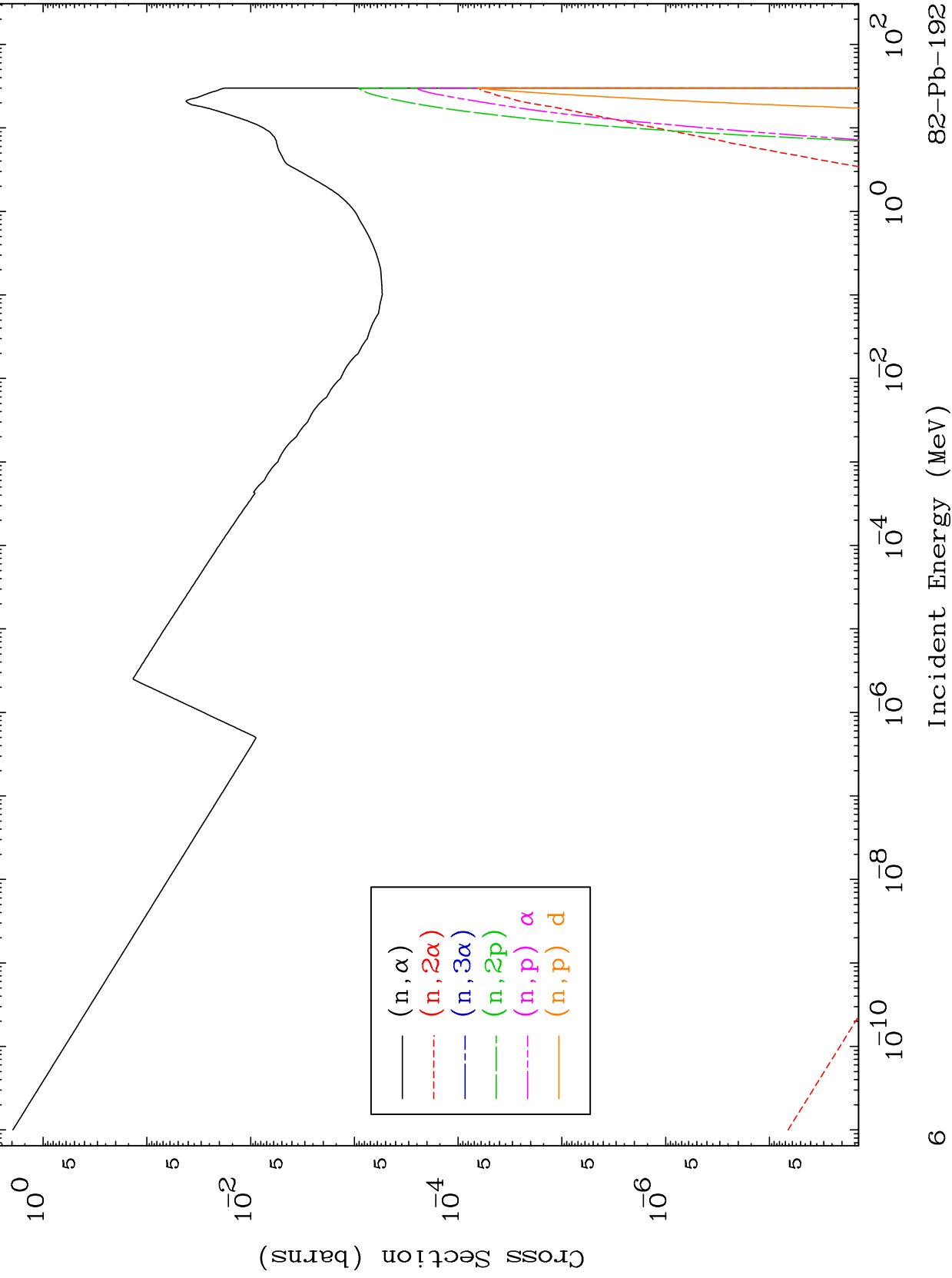




MAT 8189

Charged Particle
293 Kelvin Cross Sections

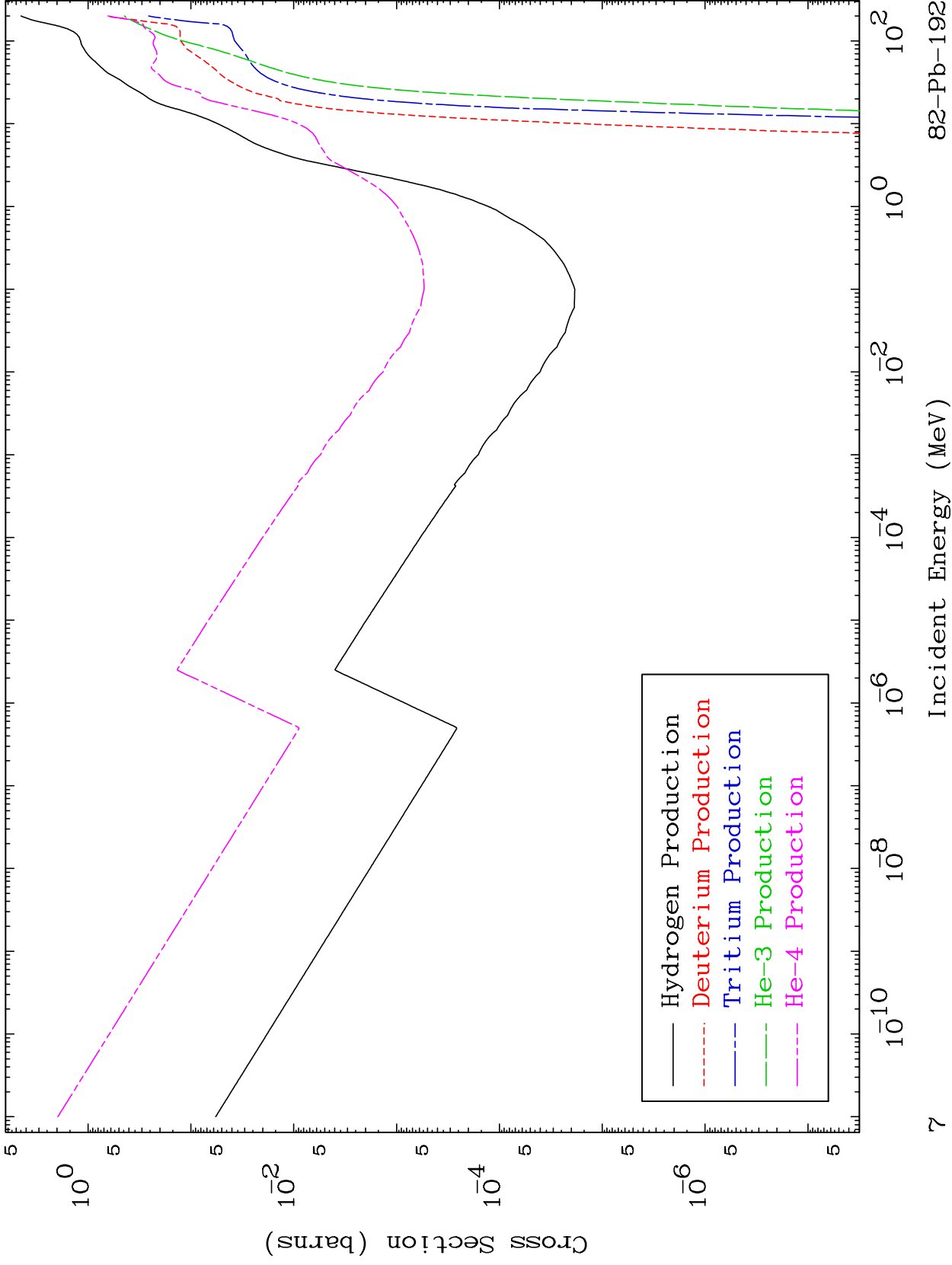
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MAT 8189

Particle Production
293 Kelvin Cross Sections

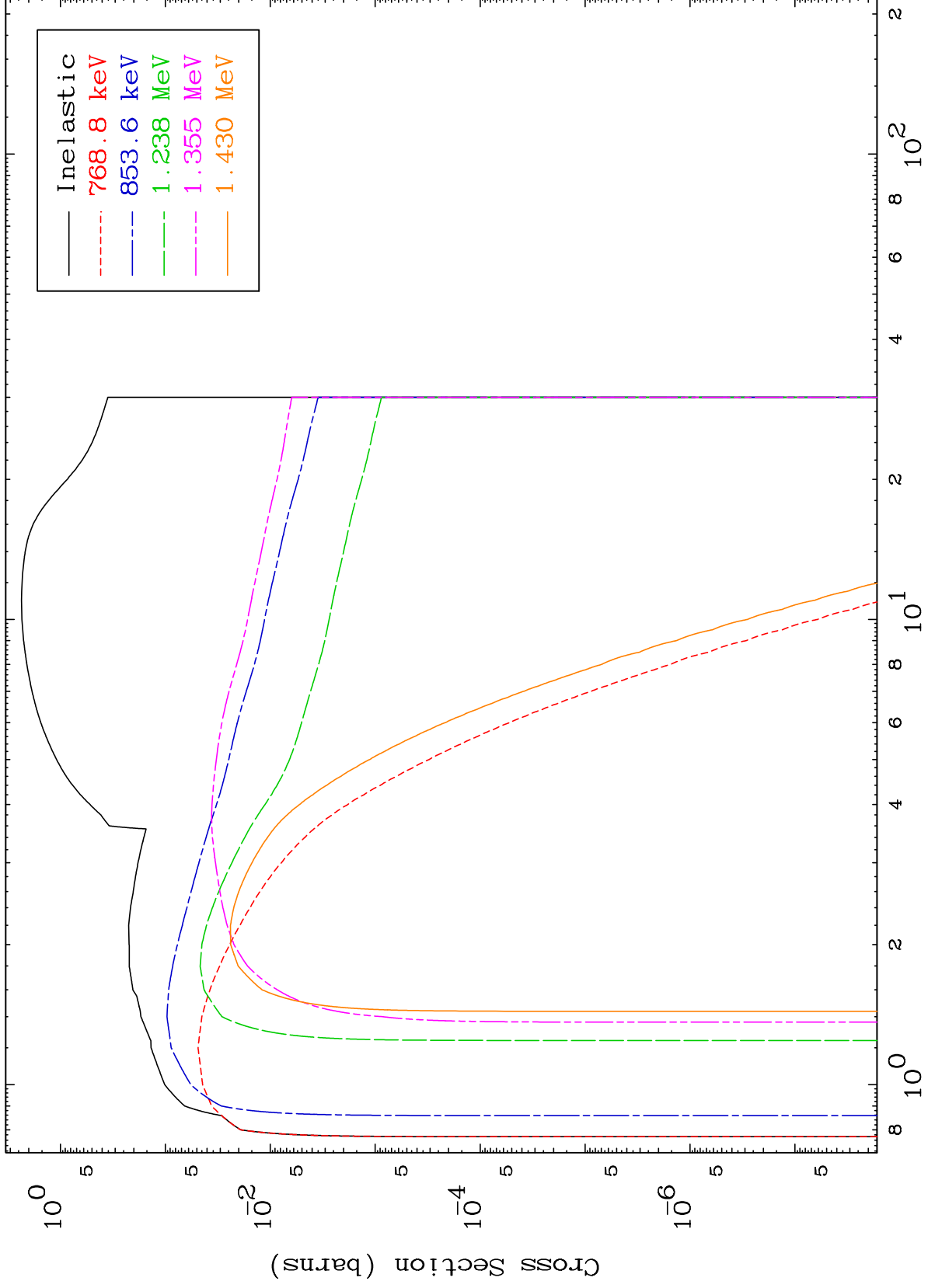
82-Pb-192



MAT 8189

(n,n') Level
293 Kelvin Cross Sections

82-Pb-192



8

Incident Energy (MeV)

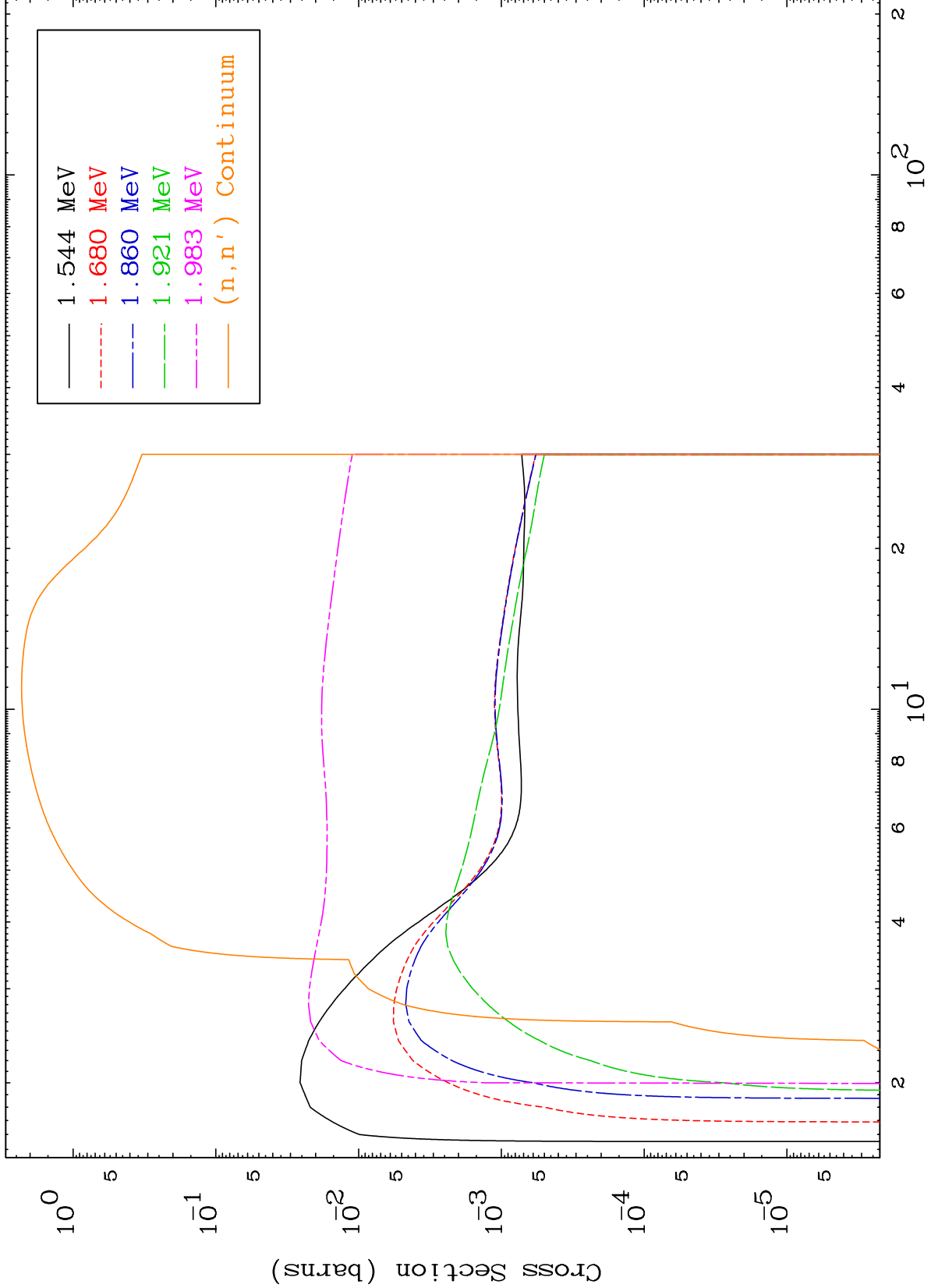
82-Pb-192

MAT 8189

(n,n') Level

82-Pb-192

293 Kelvin Cross Sections



9

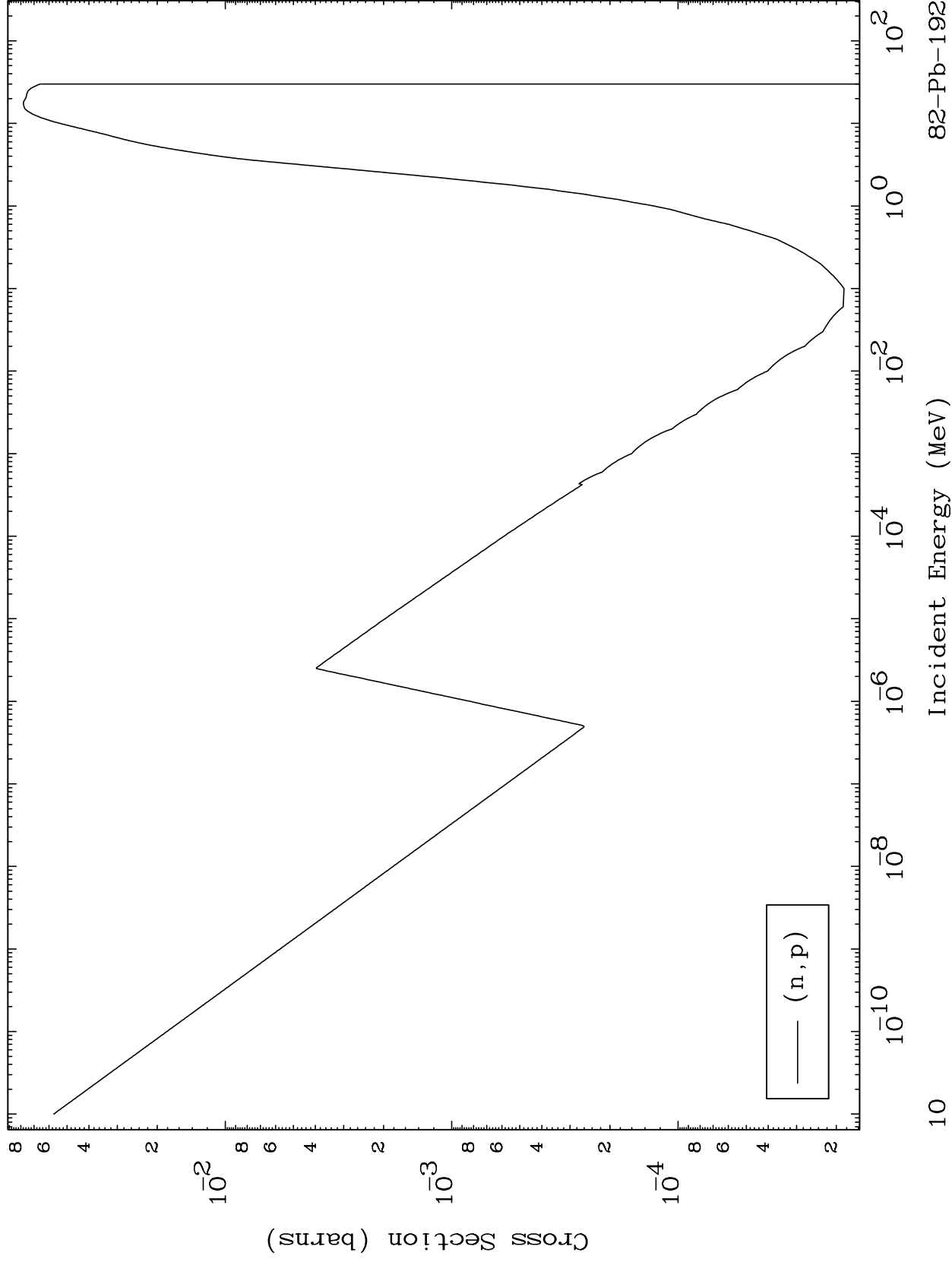
Incident Energy (MeV)

82-Pb-192

MAT 8189

(n,p) Levels
293 Kelvin Cross Sections

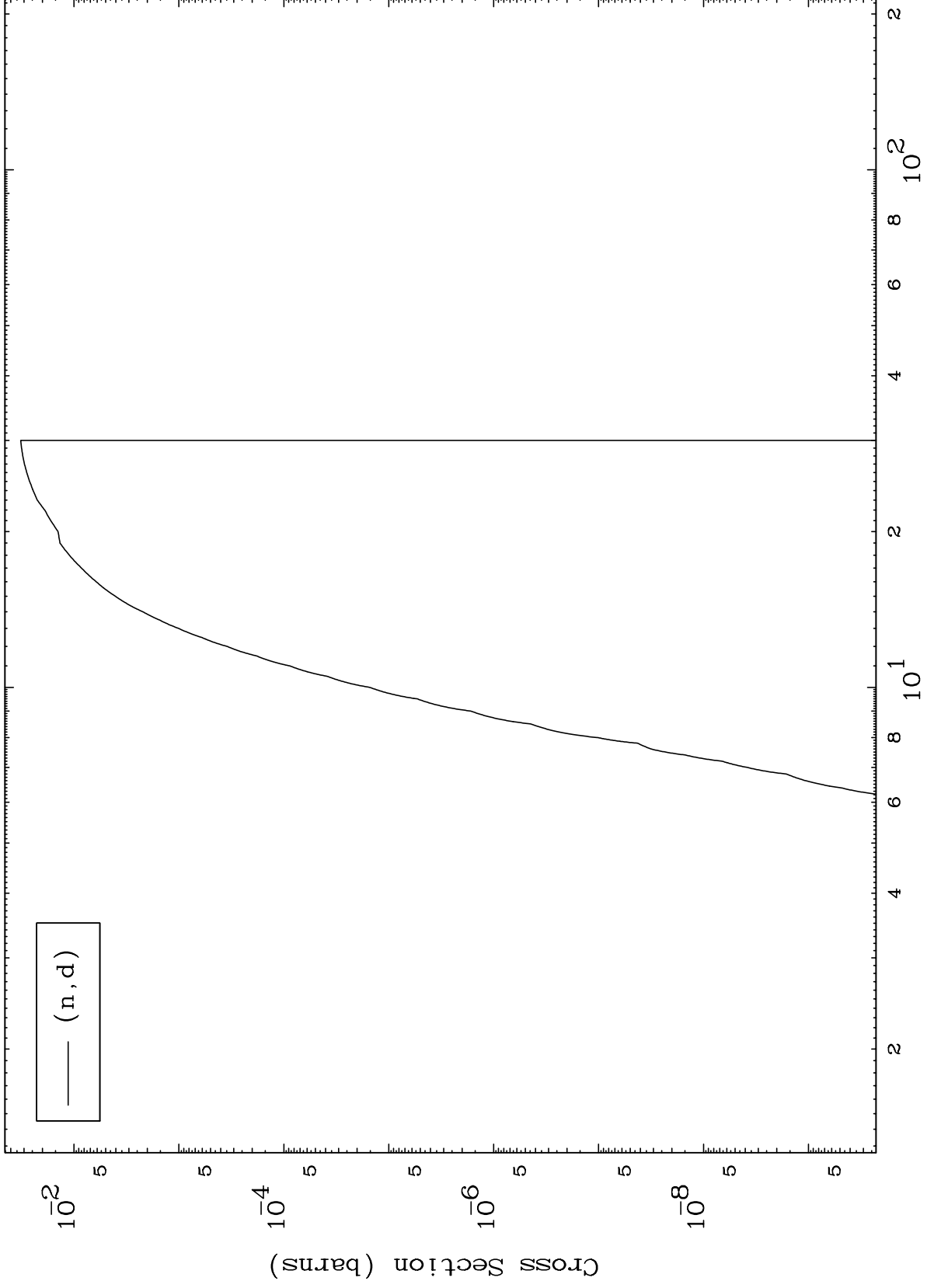
82-Pb-192



MAT 8189

(n,d) Levels
293 Kelvin Cross Sections

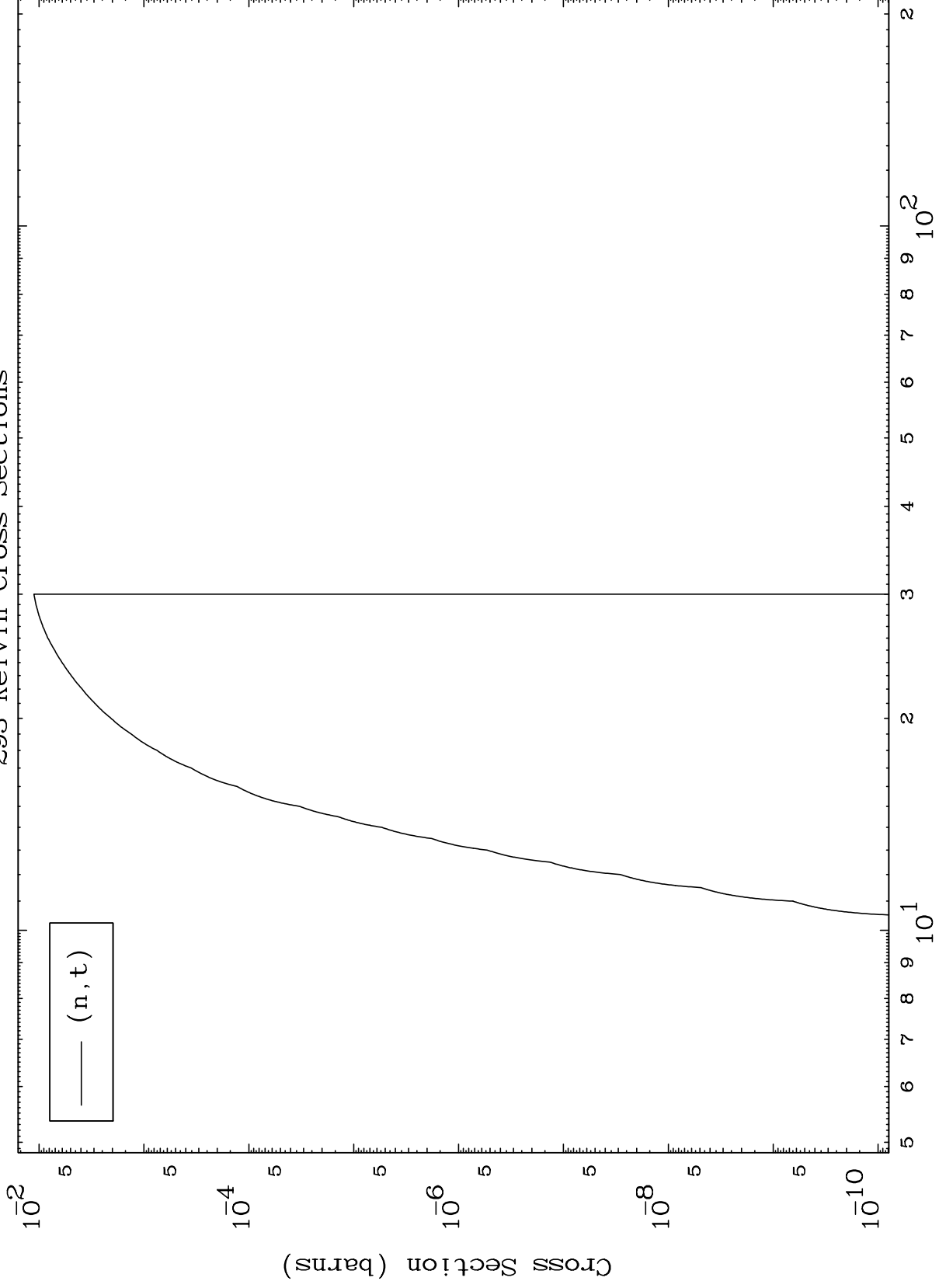
82-Pb-192



MAT 8189

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-192



12

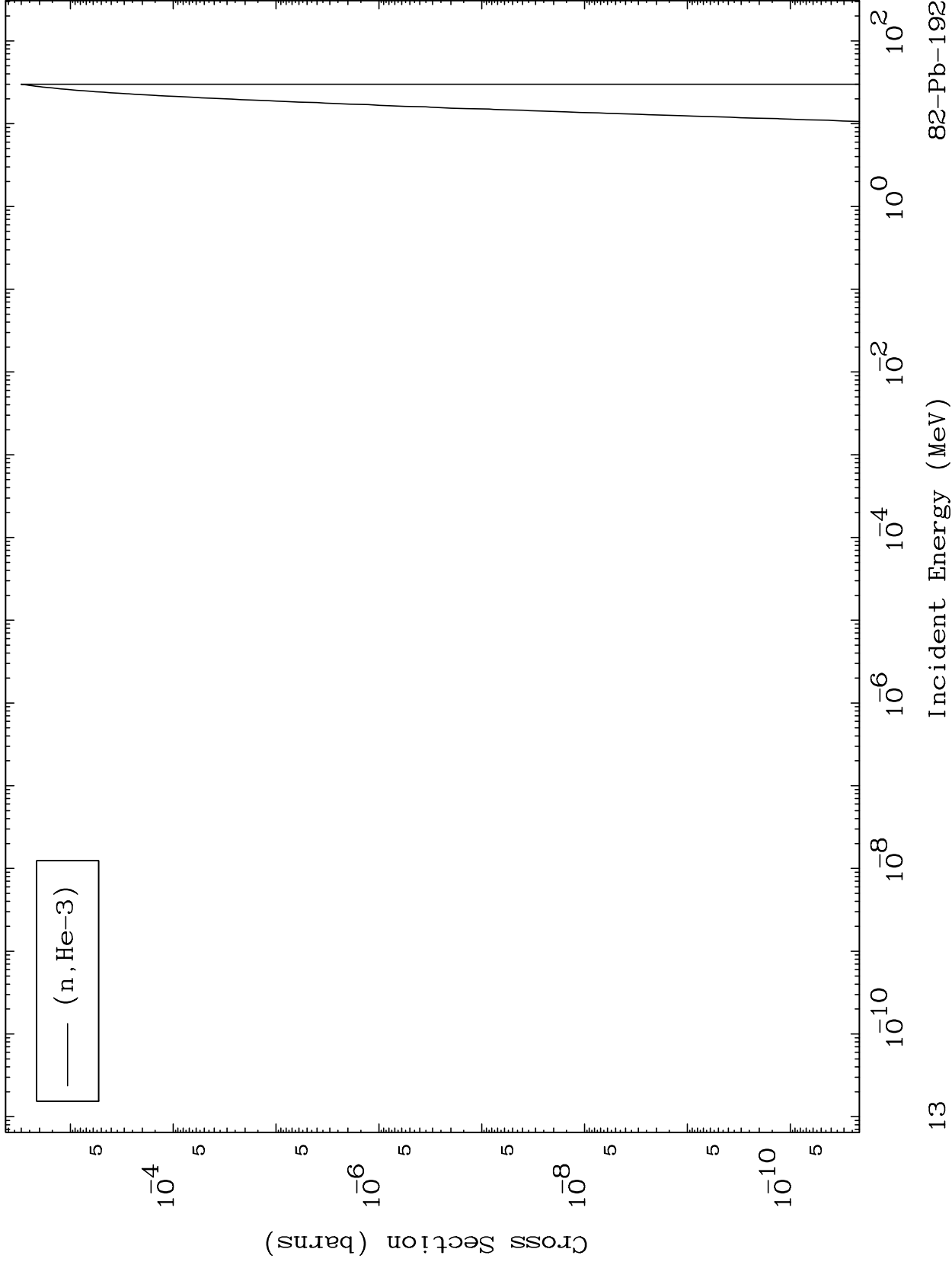
Incident Energy (MeV)

82-Pb-192

MAT 8189

(n,He3) Levels
293 Kelvin Cross Sections

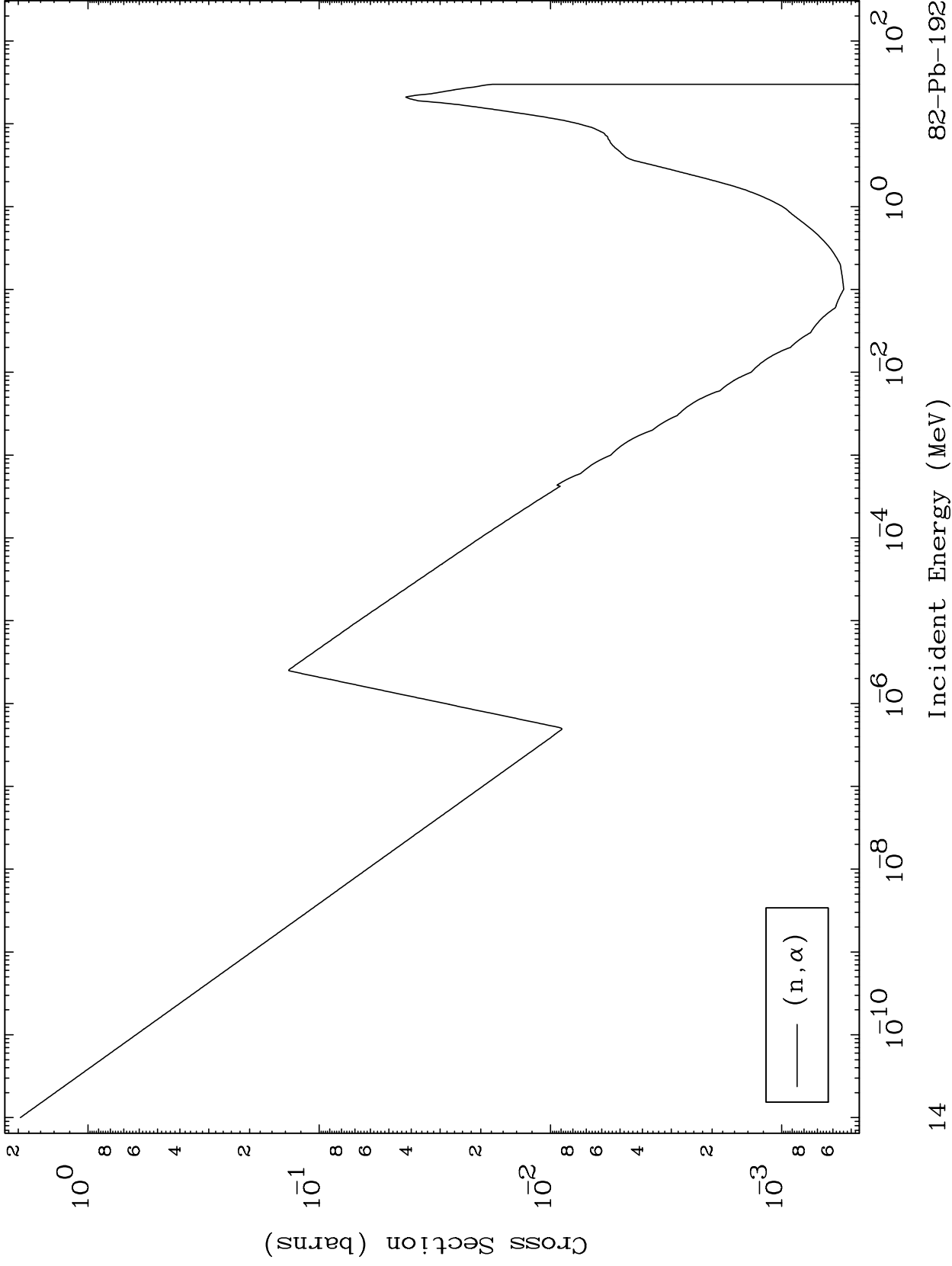
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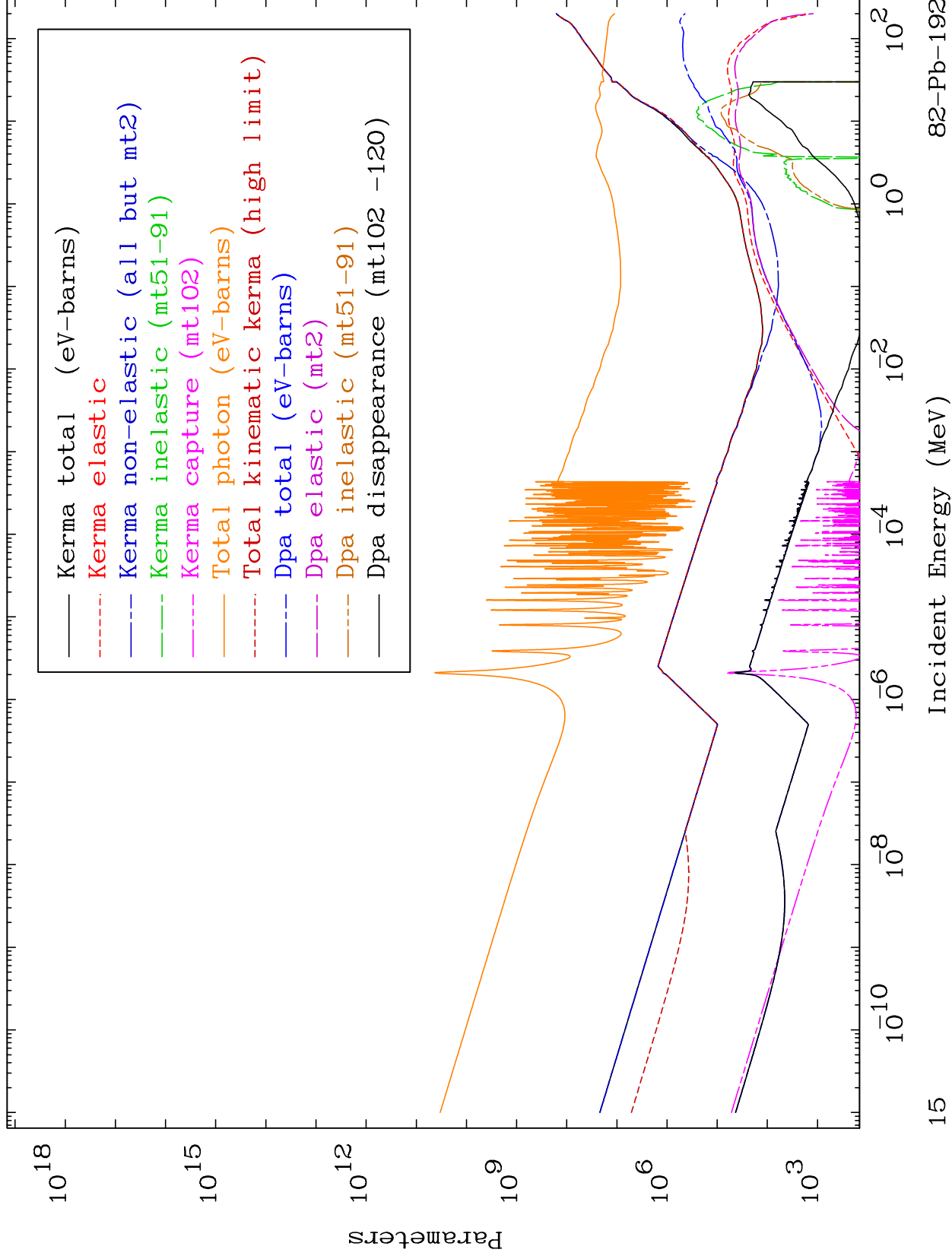


MAT 8189

(n,α) Levels
293 Kelvin Cross Sections

82-Pb-192

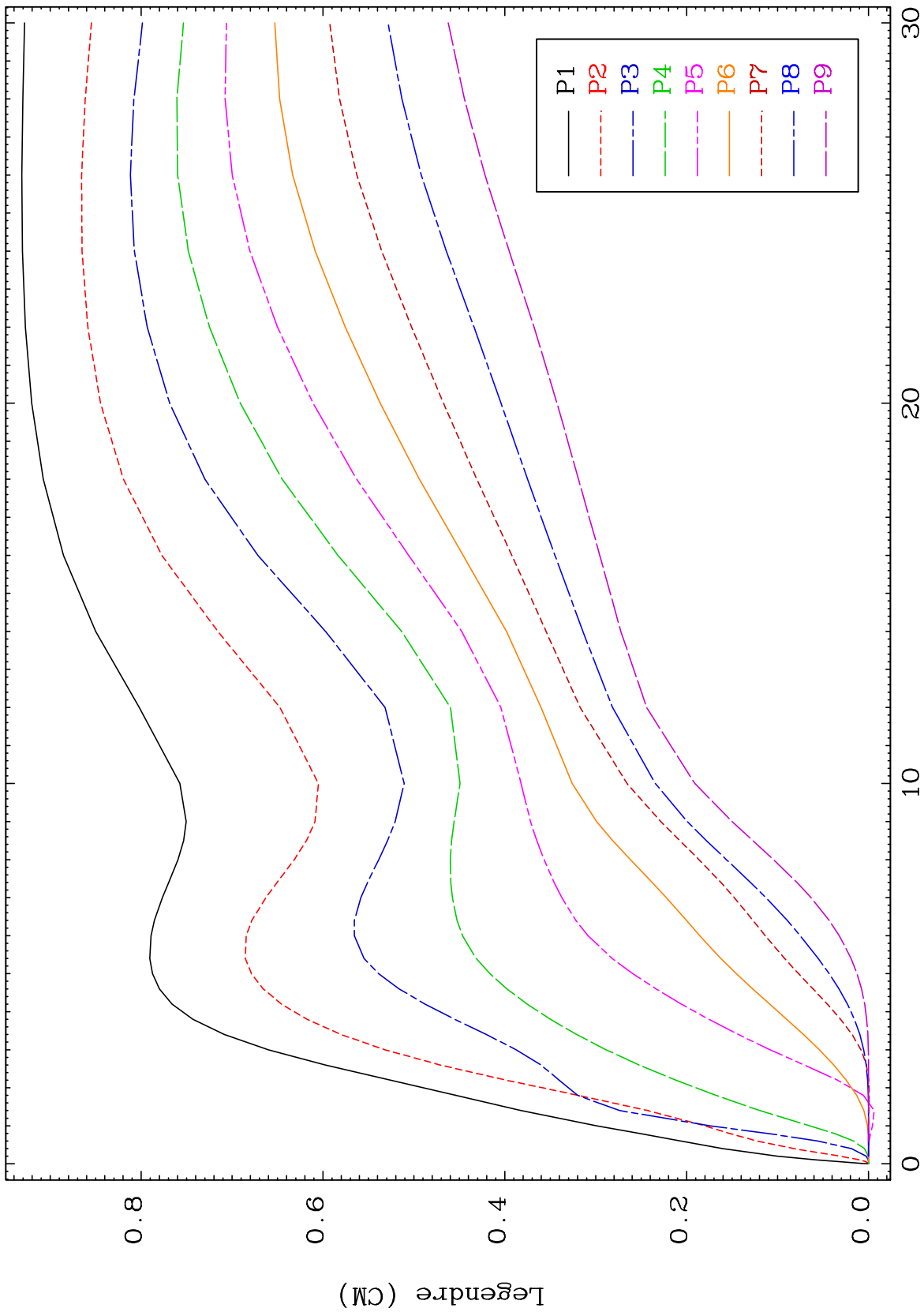




MAT 8189

82-Pb-192

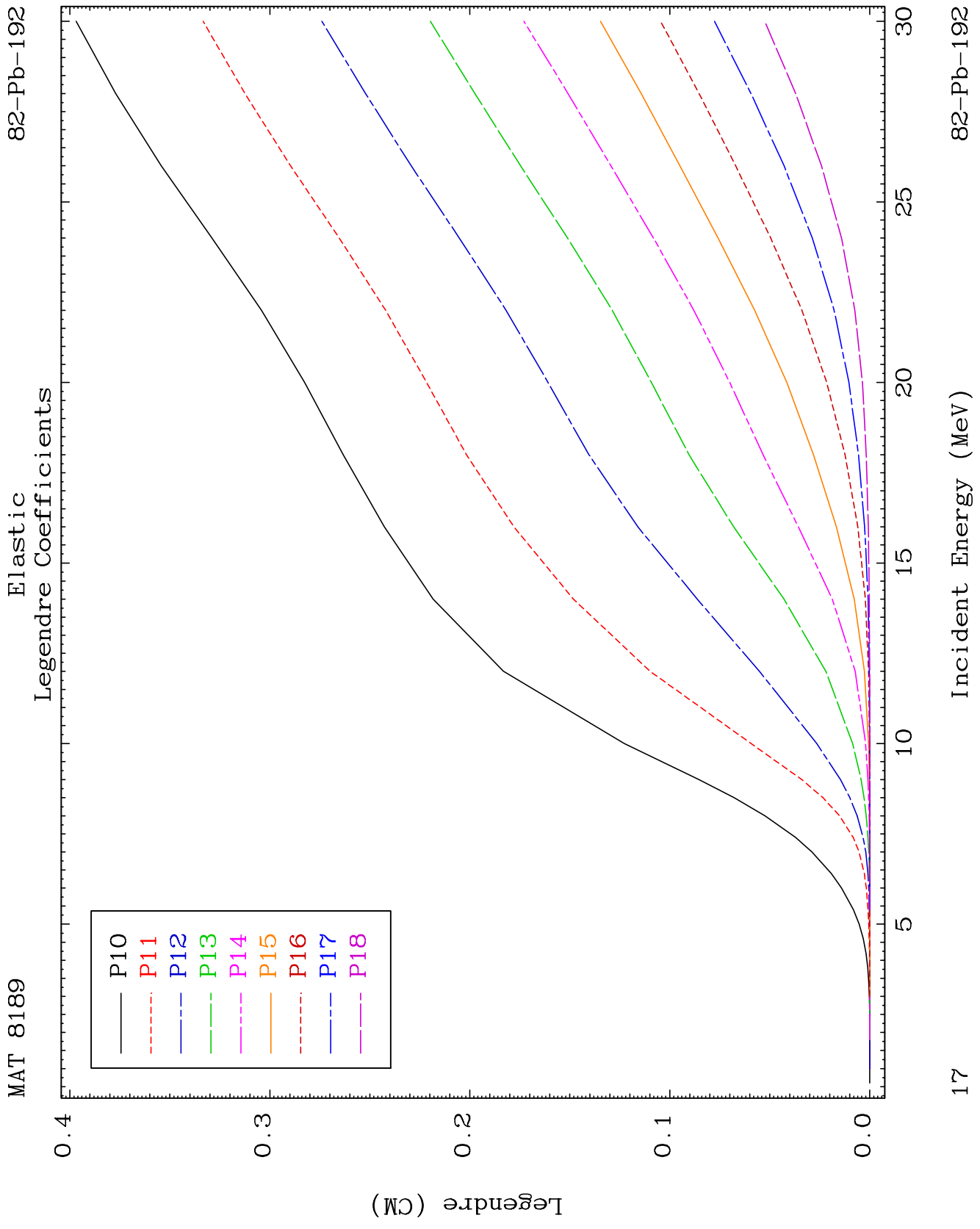
Elastic Legendre Coefficients



82-Pb-192

Incident Energy (MeV)

16



MAT 8189

Elastic Legendre Coefficients

$^{82}\text{Pb-192}$

17

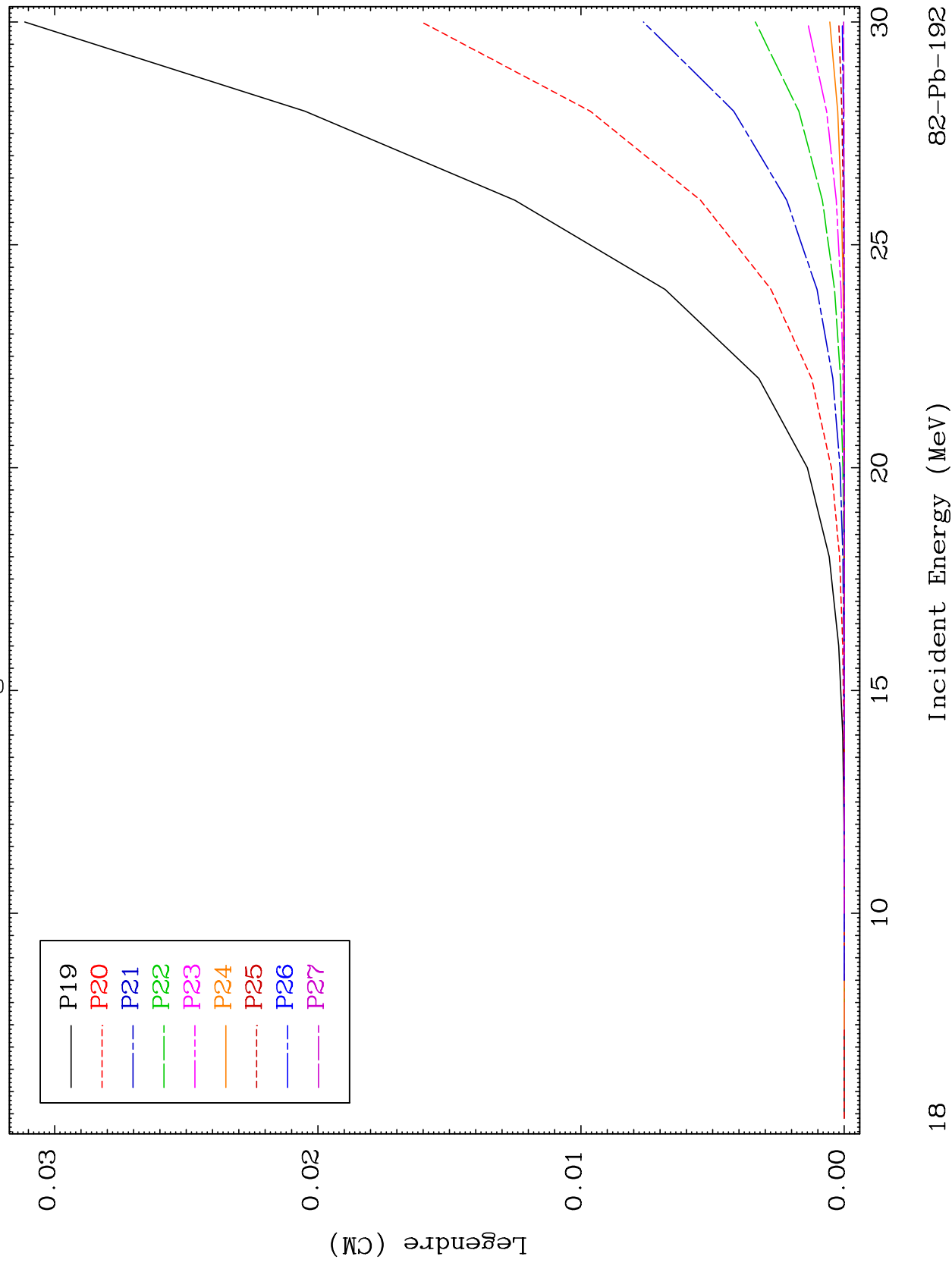
Incident Energy (MeV)

$^{82}\text{Pb-192}$

MAT 8189

Elastic Legendre Coefficients

82-Pb-192



18

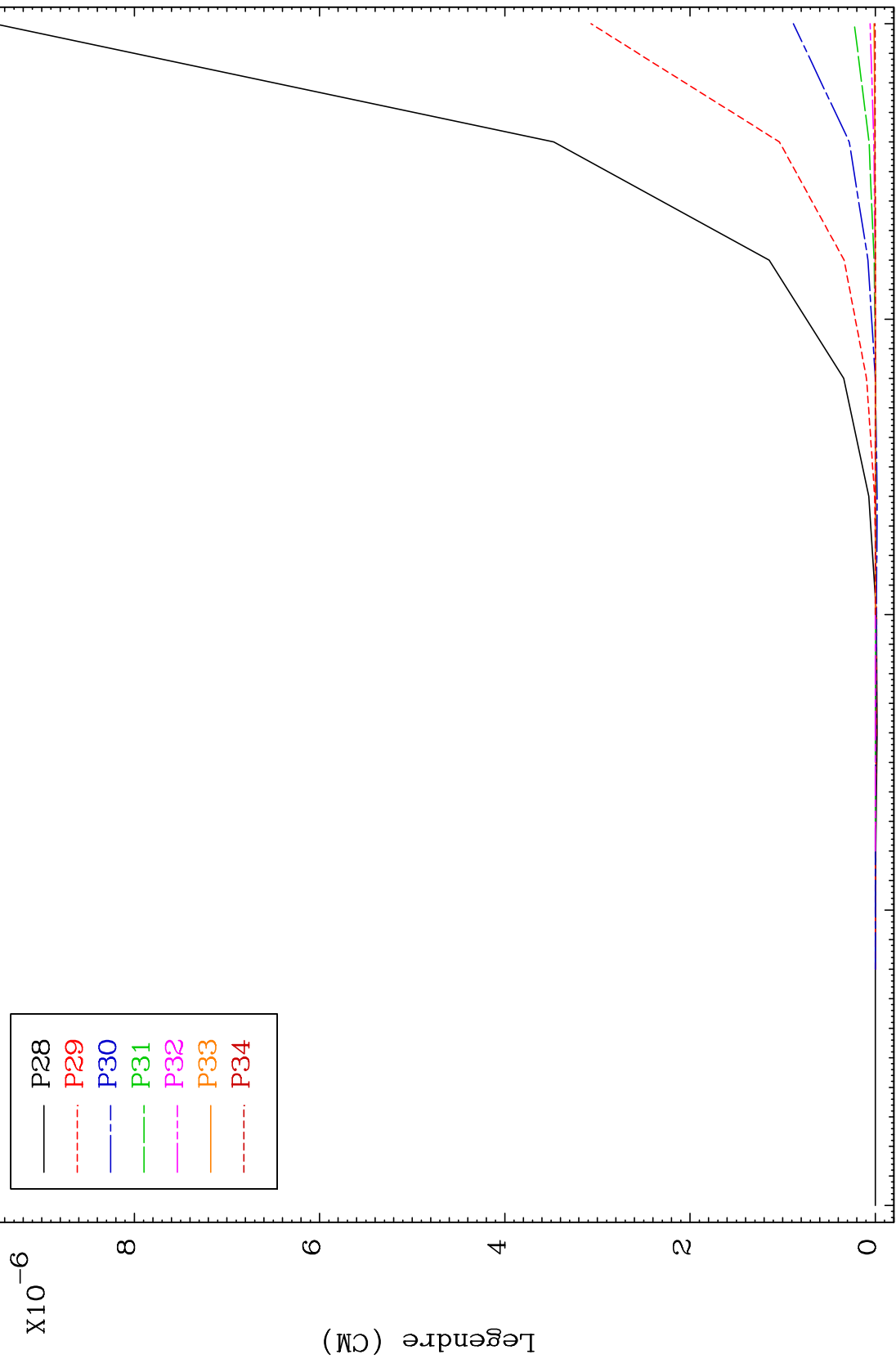
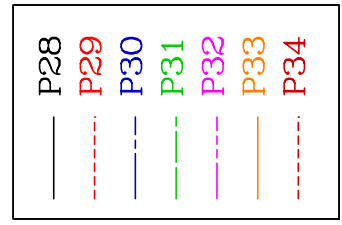
Incident Energy (MeV)

82-Pb-192

MAT 8189

Elastic Legendre Coefficients

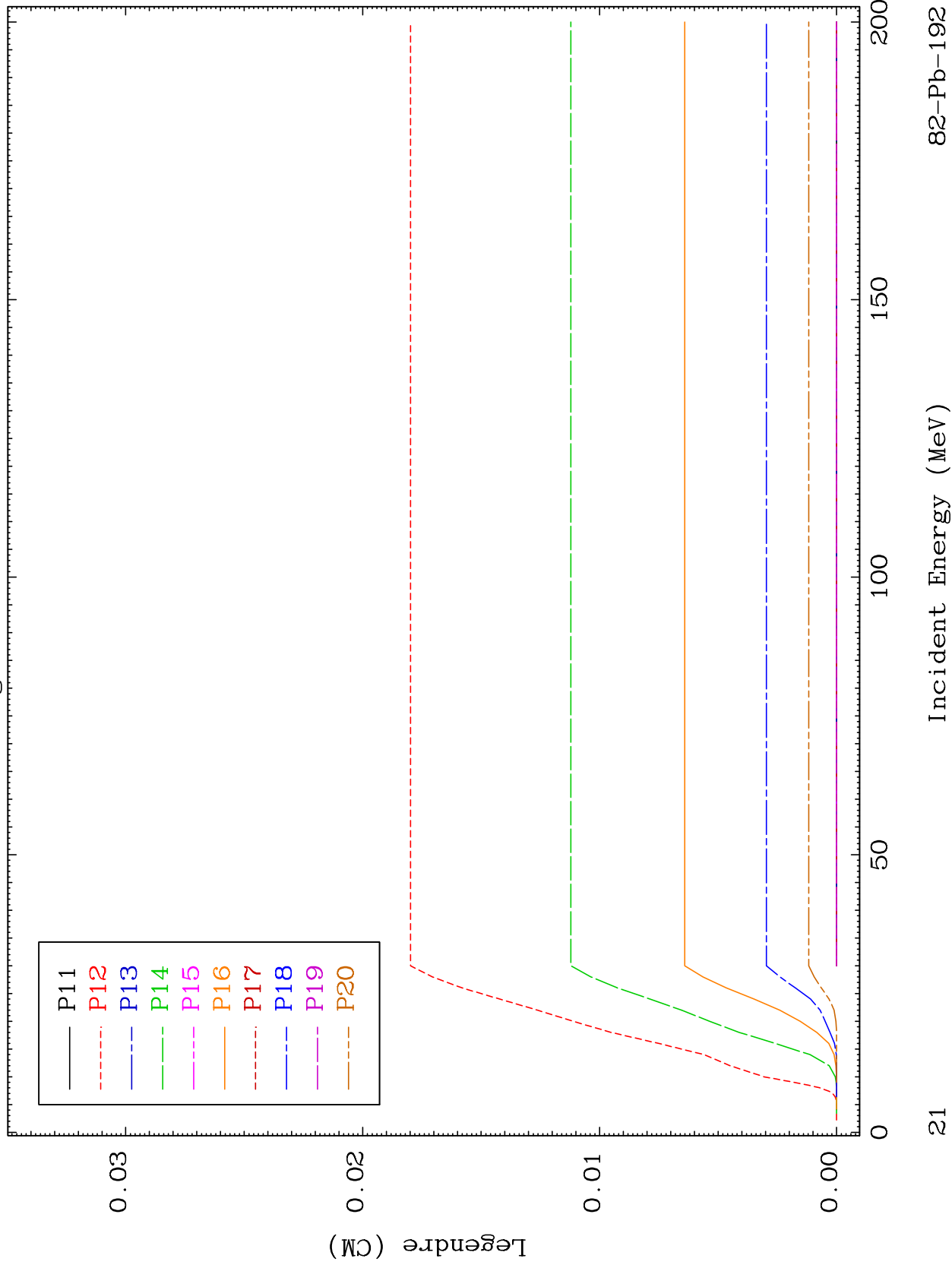
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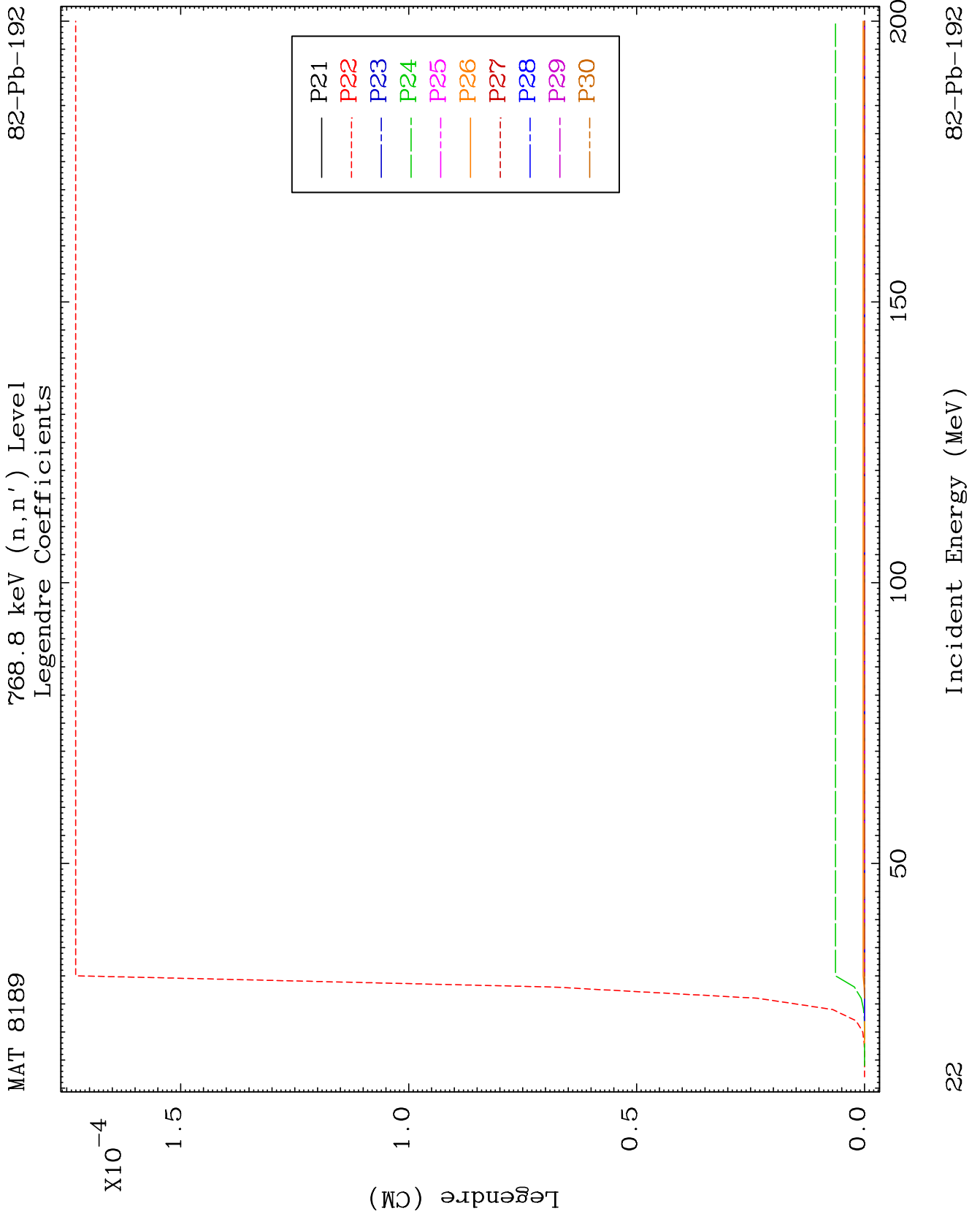


19

Incident Energy (MeV)

82-Pb-192

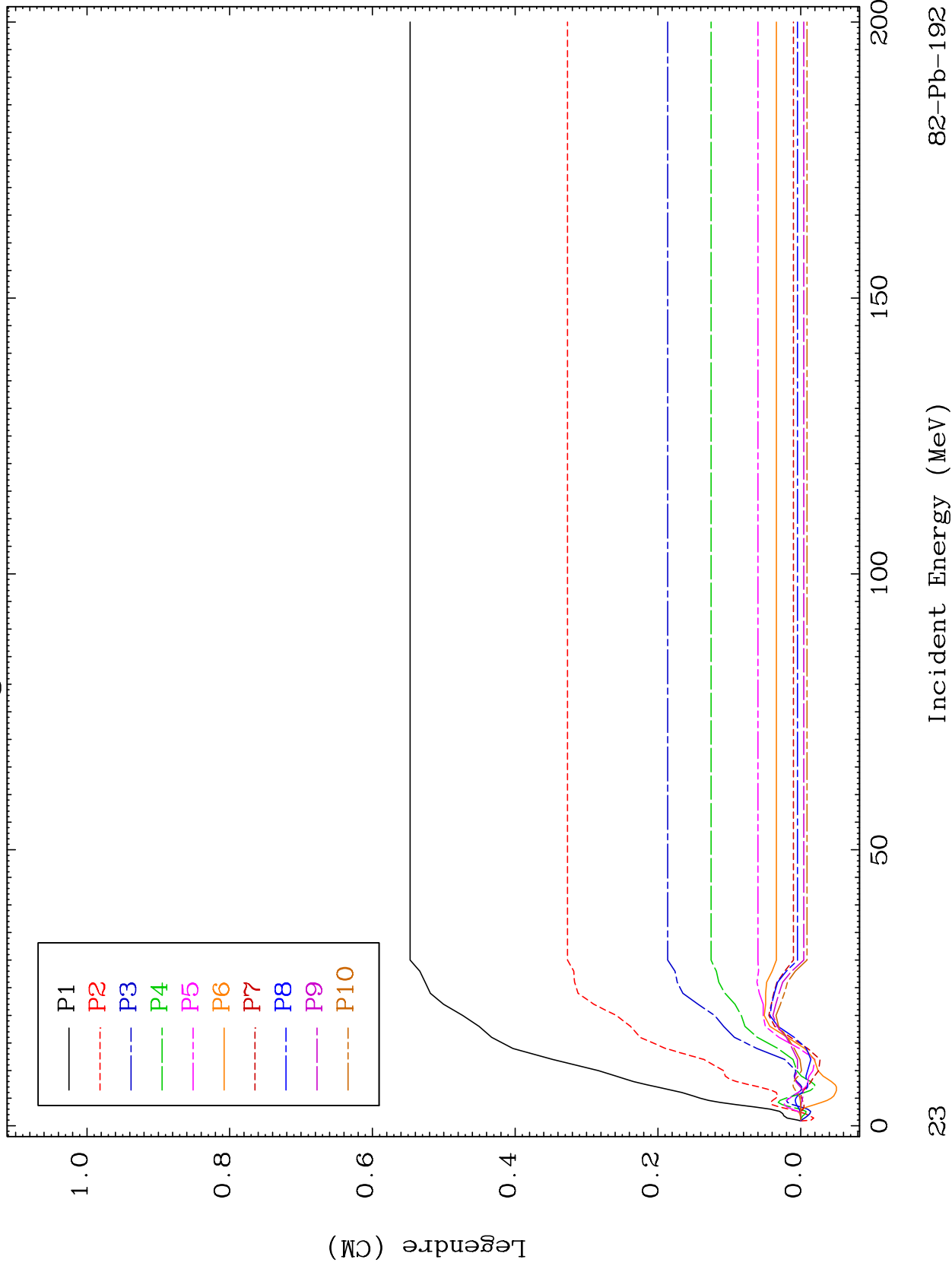




MAT 8189

853.6 keV (n,n') Level
Legendre Coefficients

82-Pb-192



23

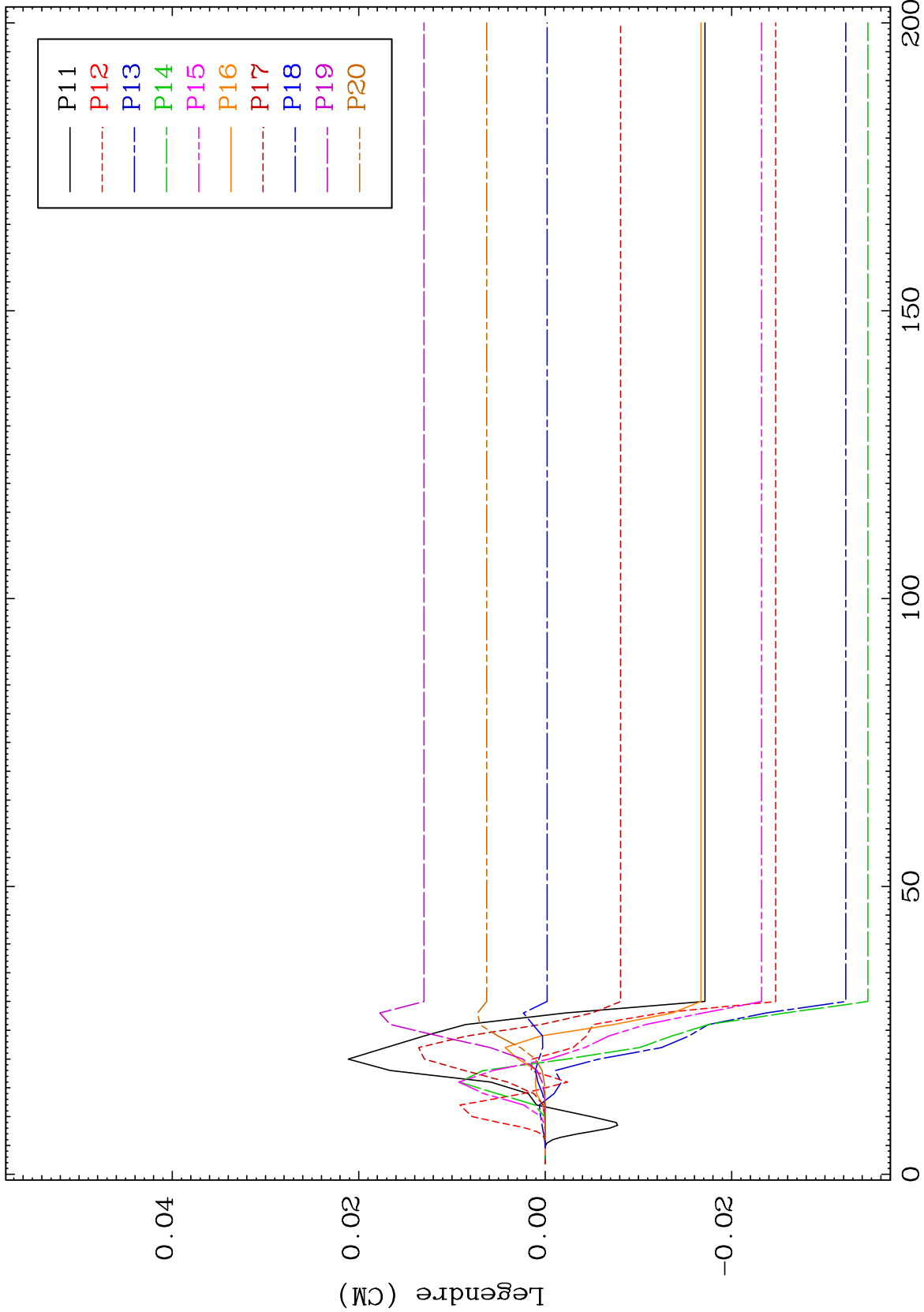
Incident Energy (MeV)

82-Pb-192

MAT 8189

853.6 keV (n,n') Level
Legendre Coefficients

82-Pb-192



24

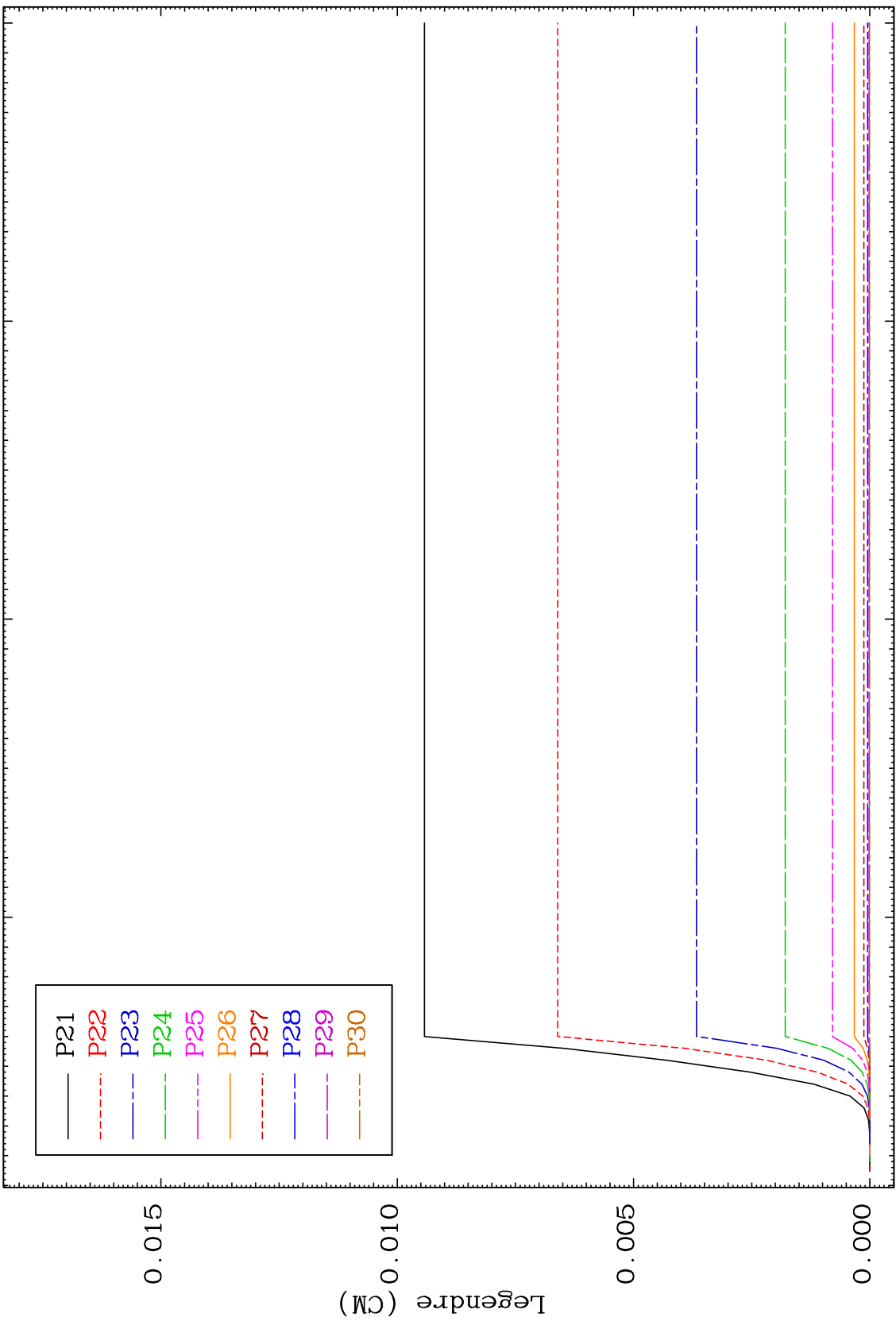
Incident Energy (MeV)

82-Pb-192

MAT 8189

853.6 keV (n,n') Level
Legendre Coefficients

82-Pb-192



25

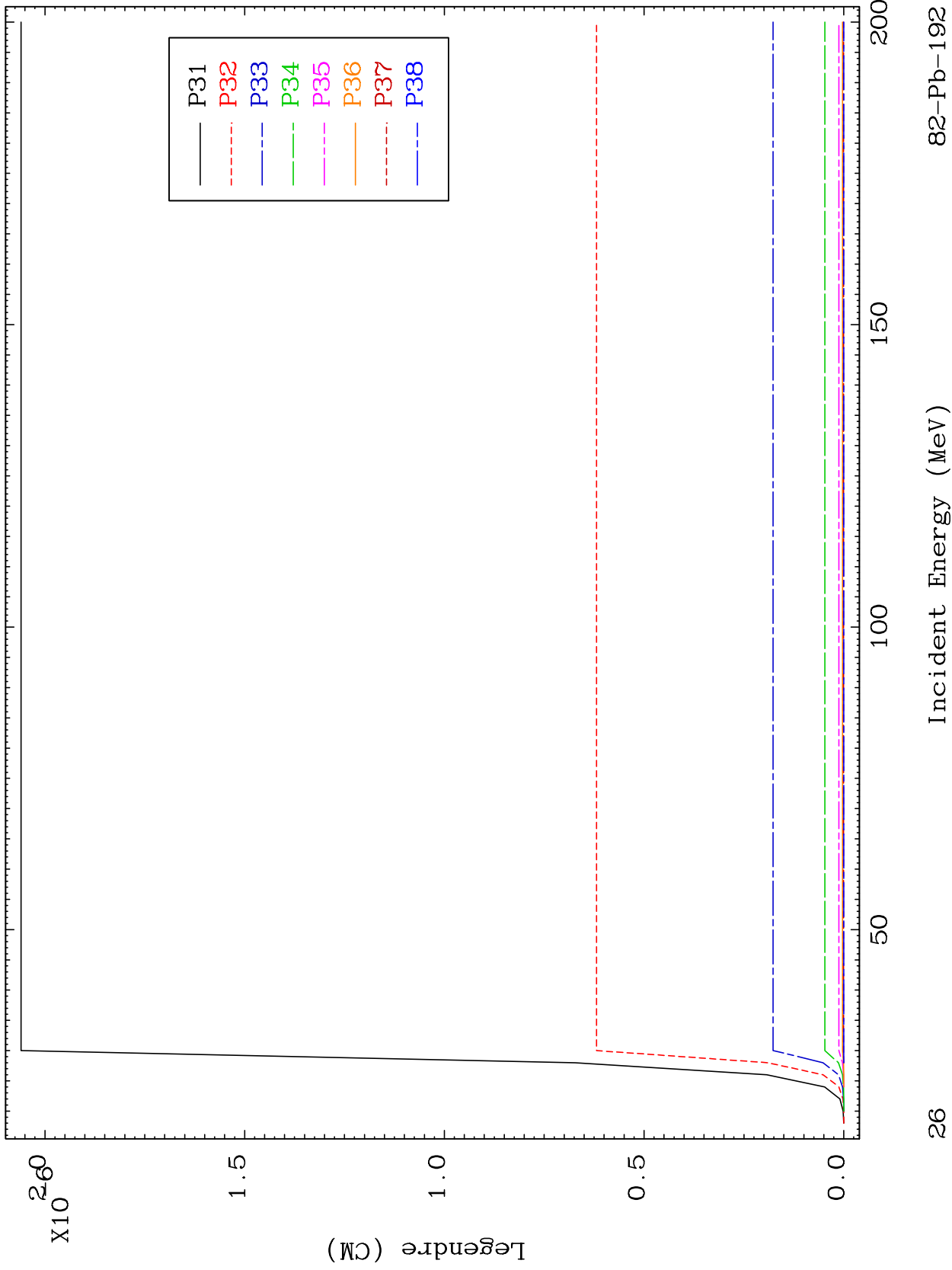
Incident Energy (MeV)

82-Pb-192

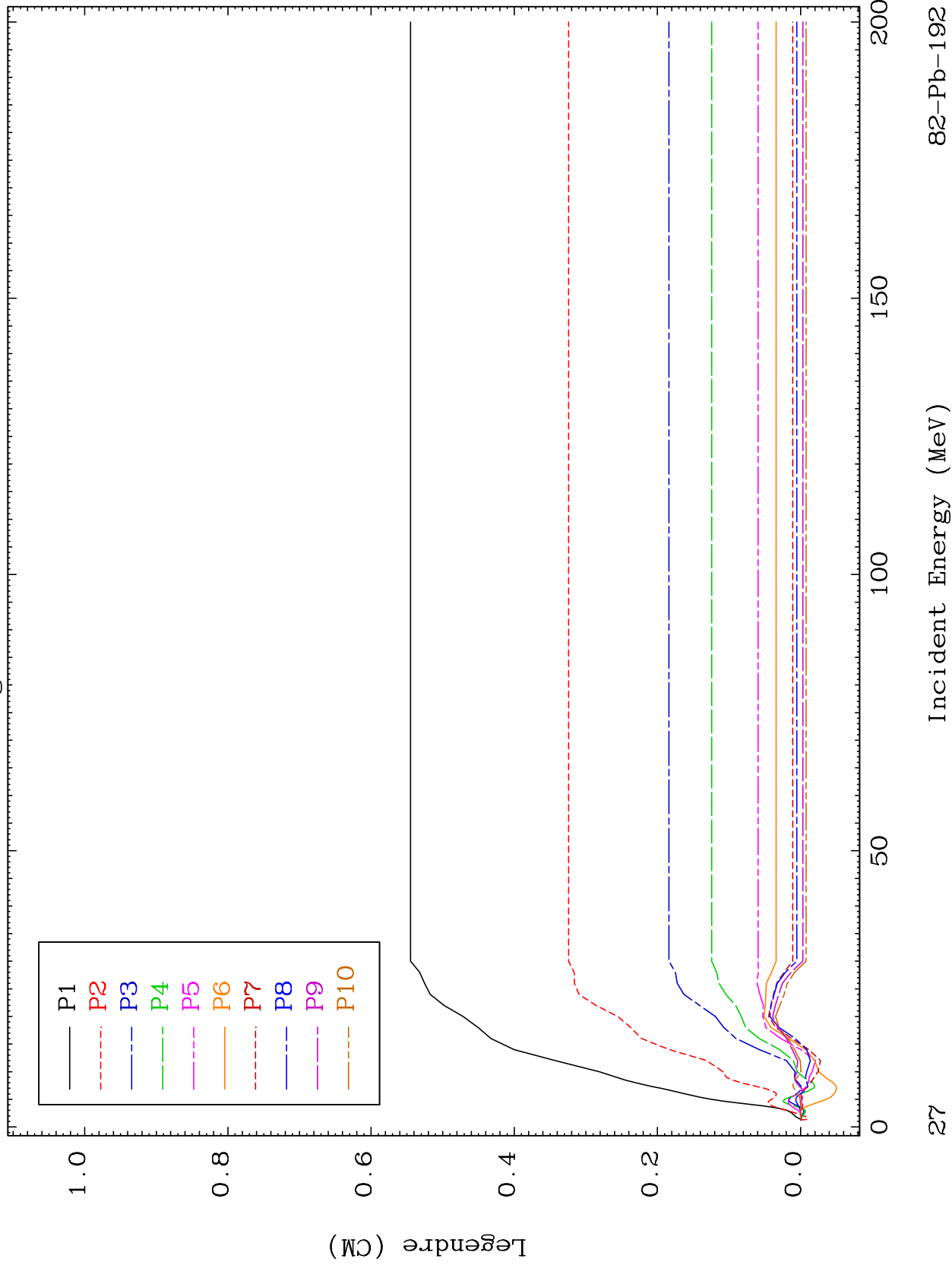
MAT 8189

853.6 keV (n,n') Level
Legendre Coefficients

82-Pb-192



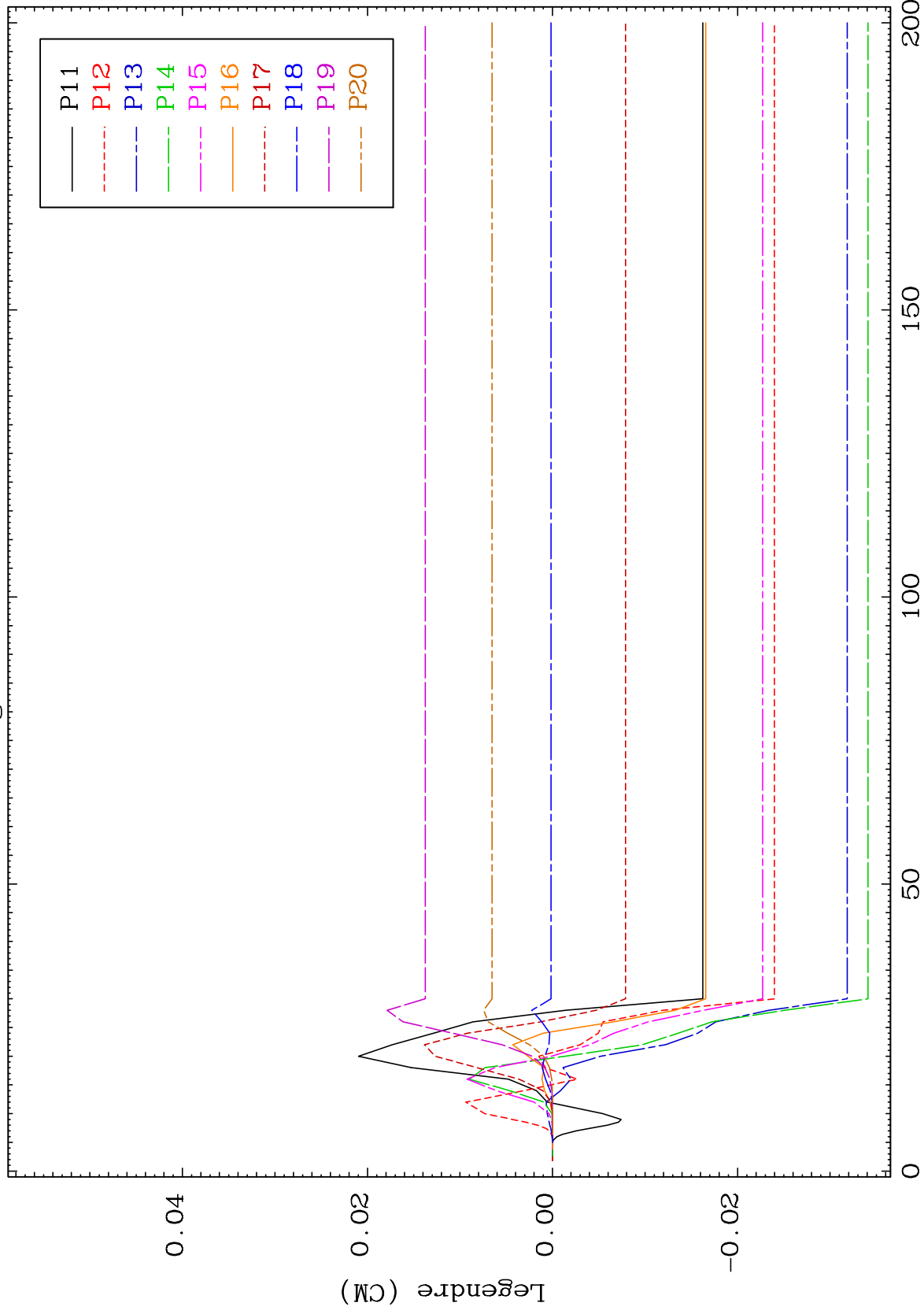
26



MAT 8189

1.238 MeV (n,n') Level
Legendre Coefficients

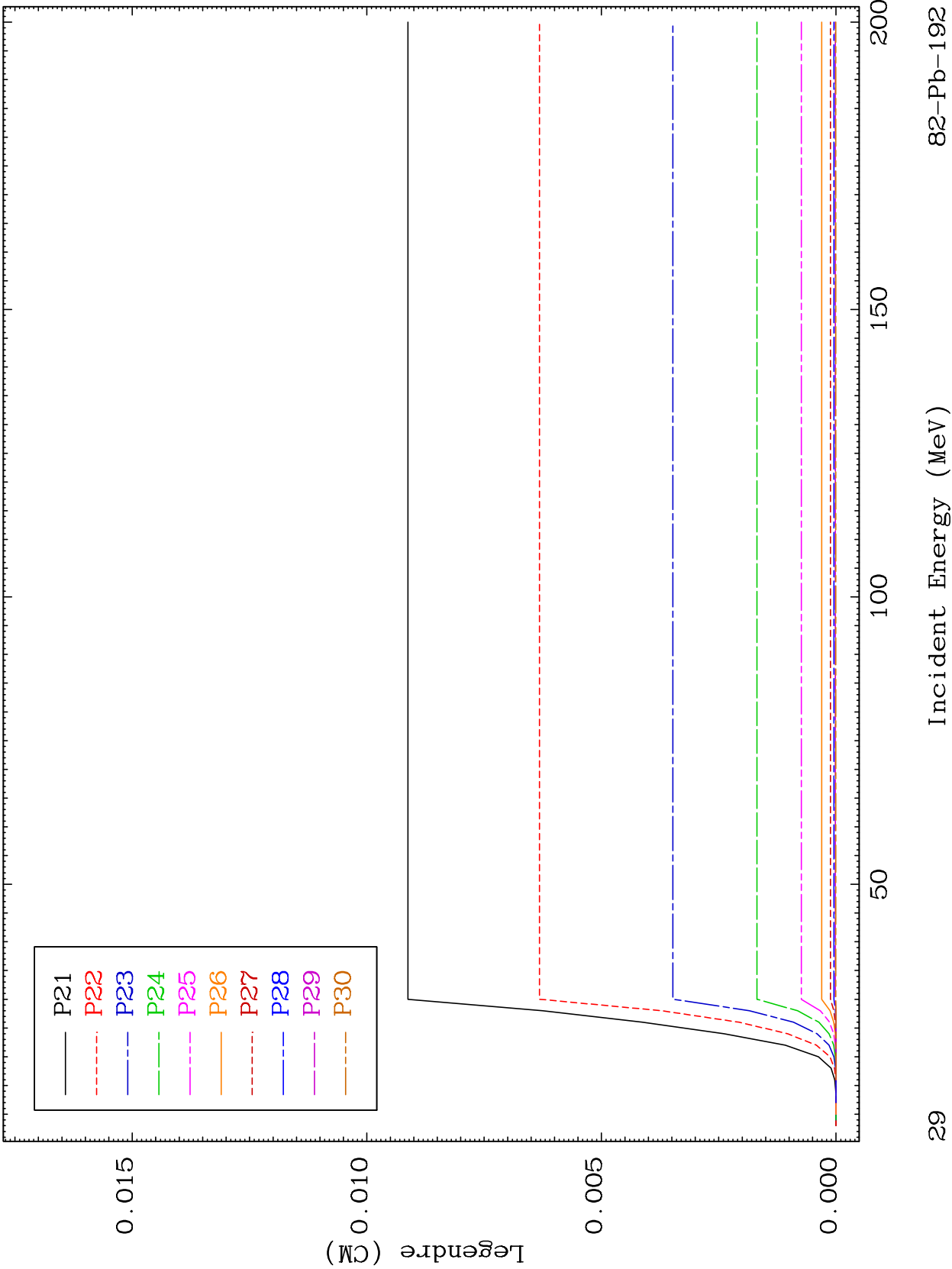
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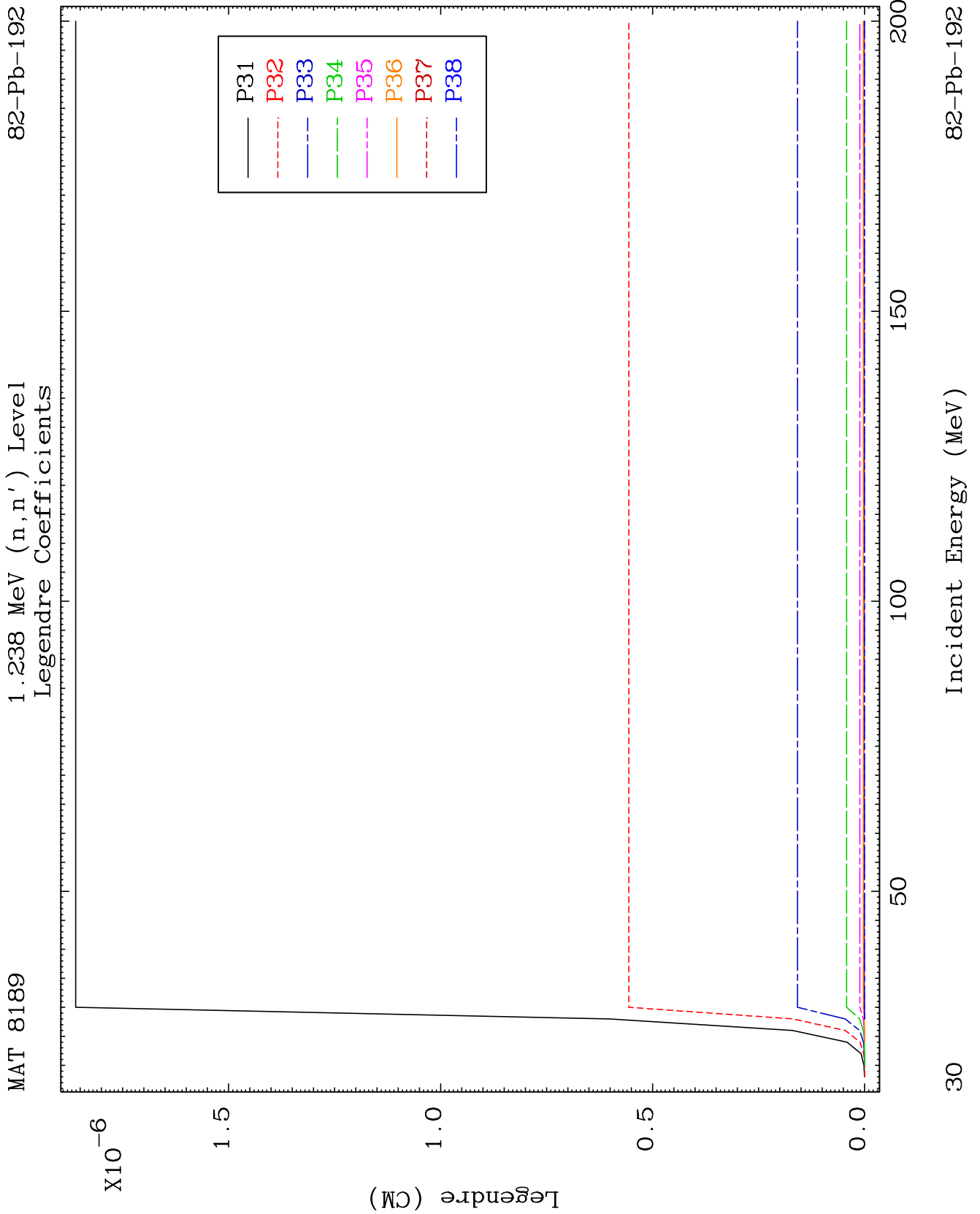


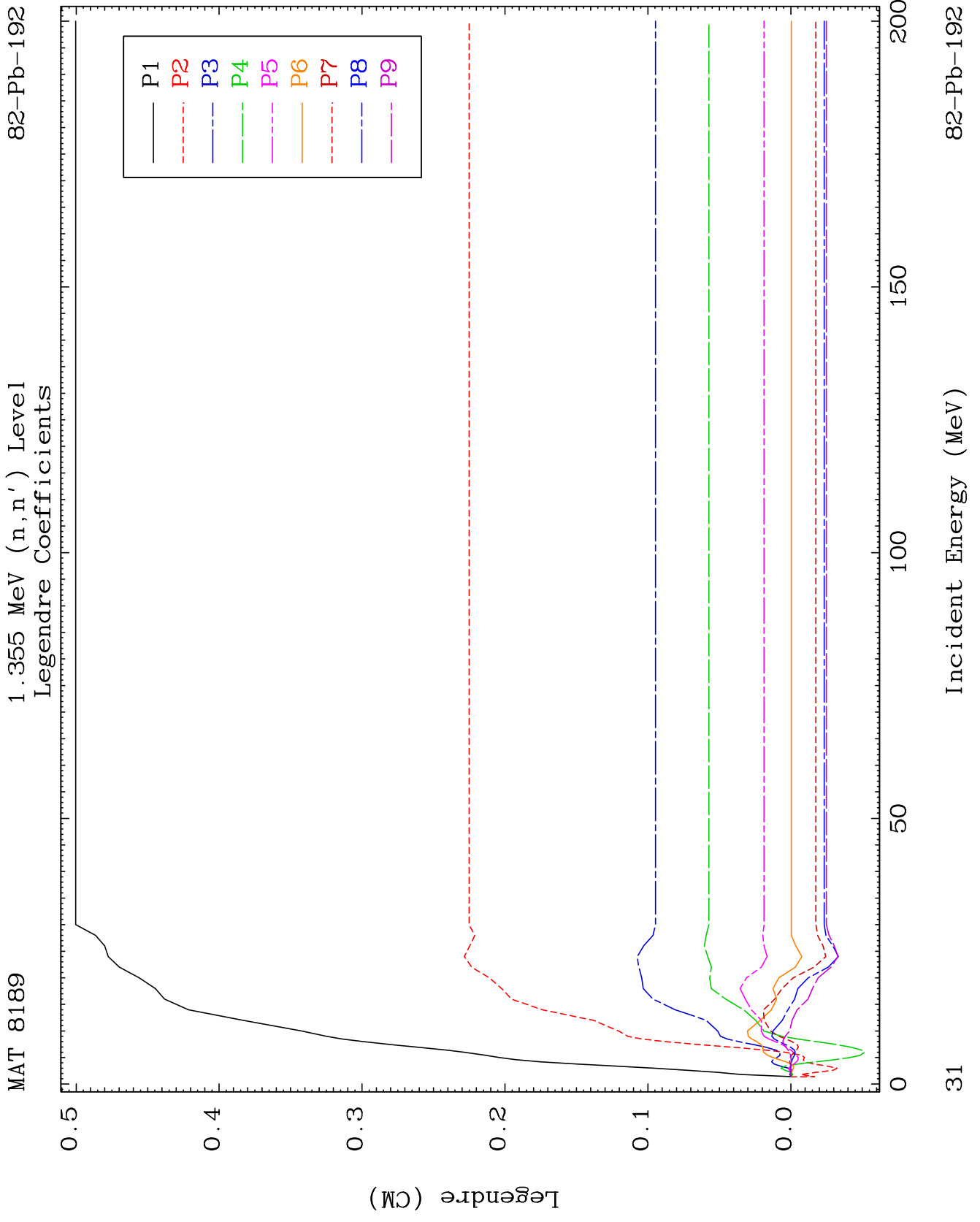
28

Incident Energy (MeV)

82-Pb-192



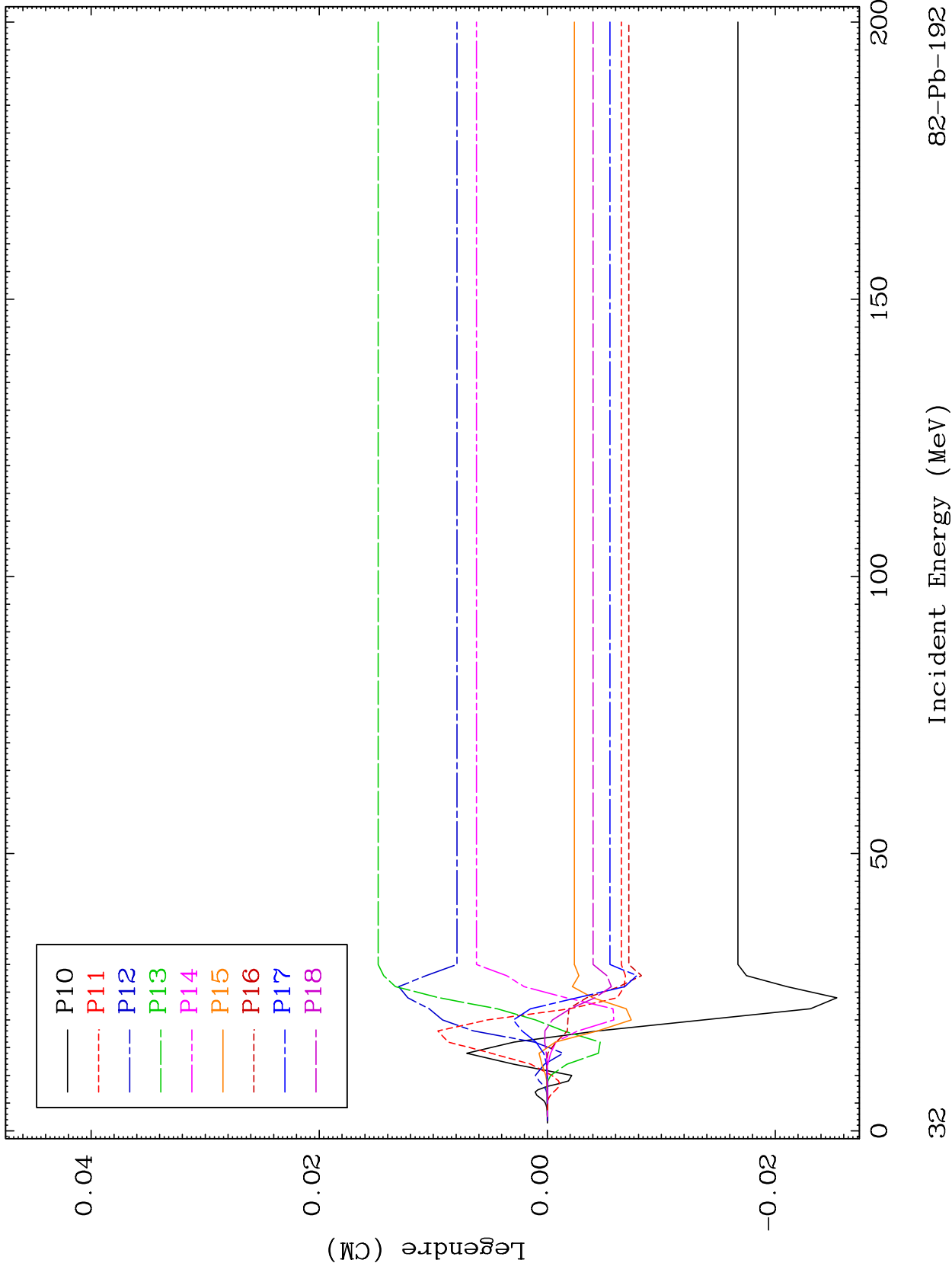




MAT 8189

1.355 MeV (n,n') Level
Legendre Coefficients

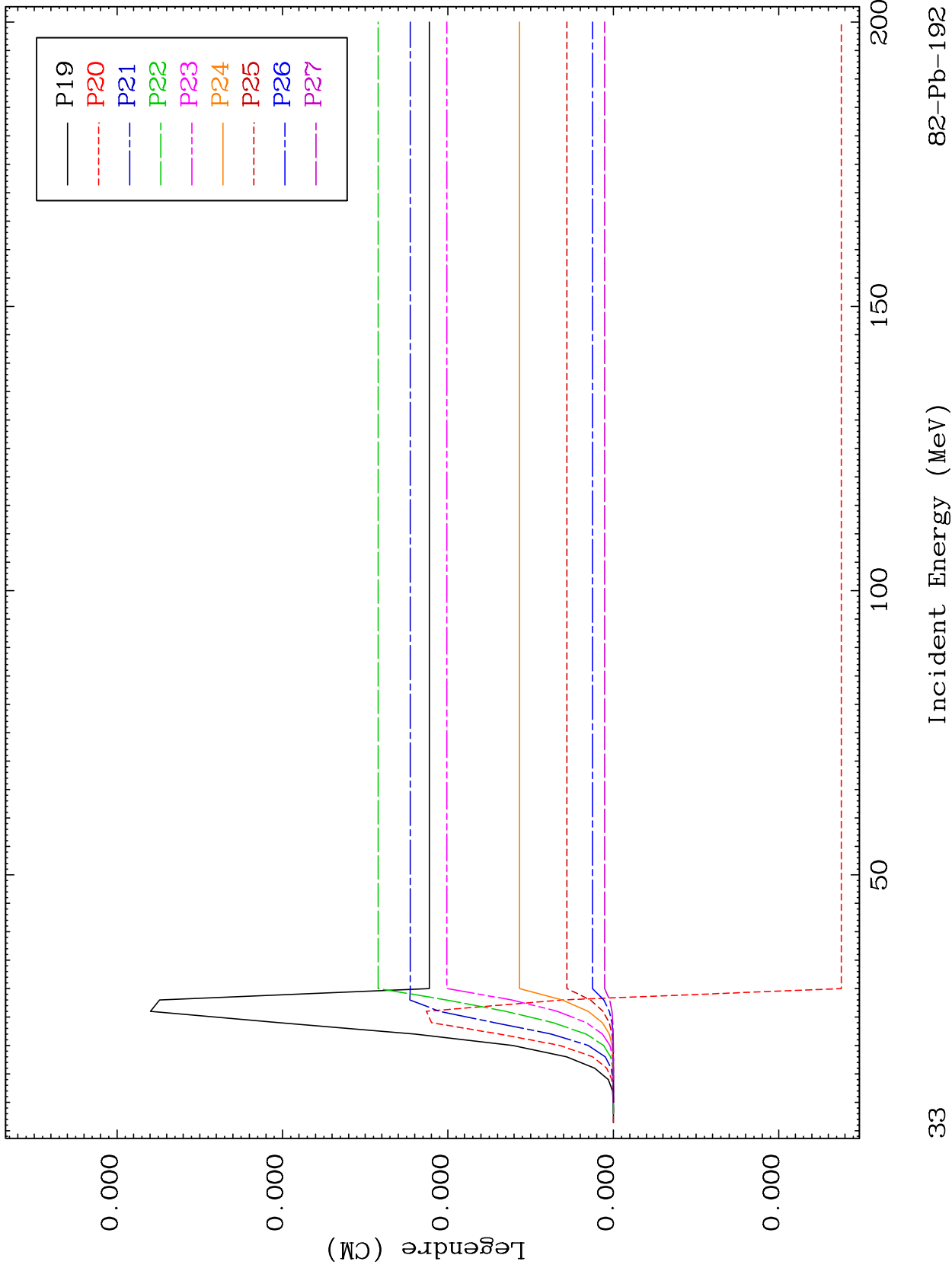
82-Pb-192



32

Incident Energy (MeV)

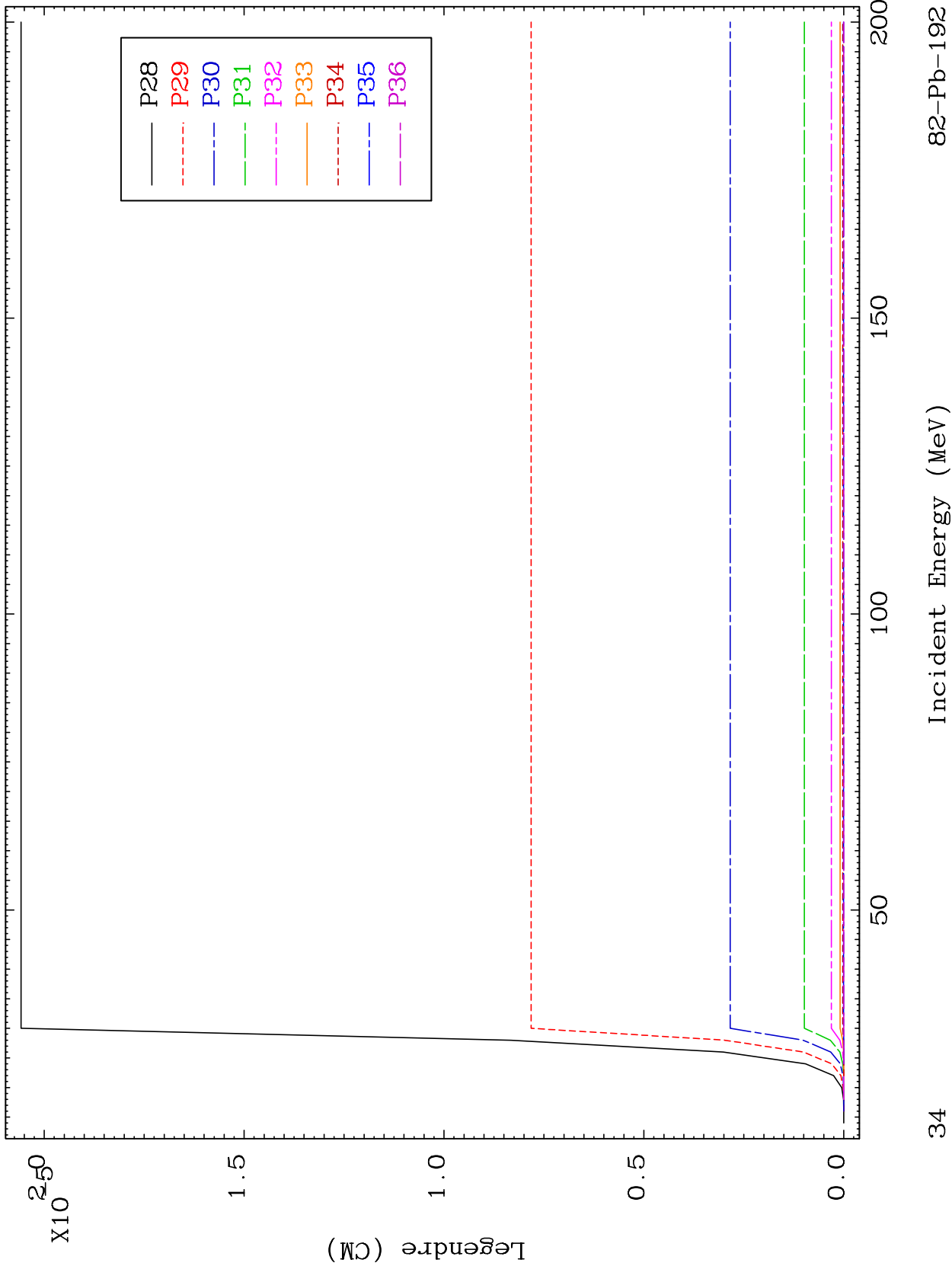
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MAT 8189

1.355 MeV (n,n') Level
Legendre Coefficients

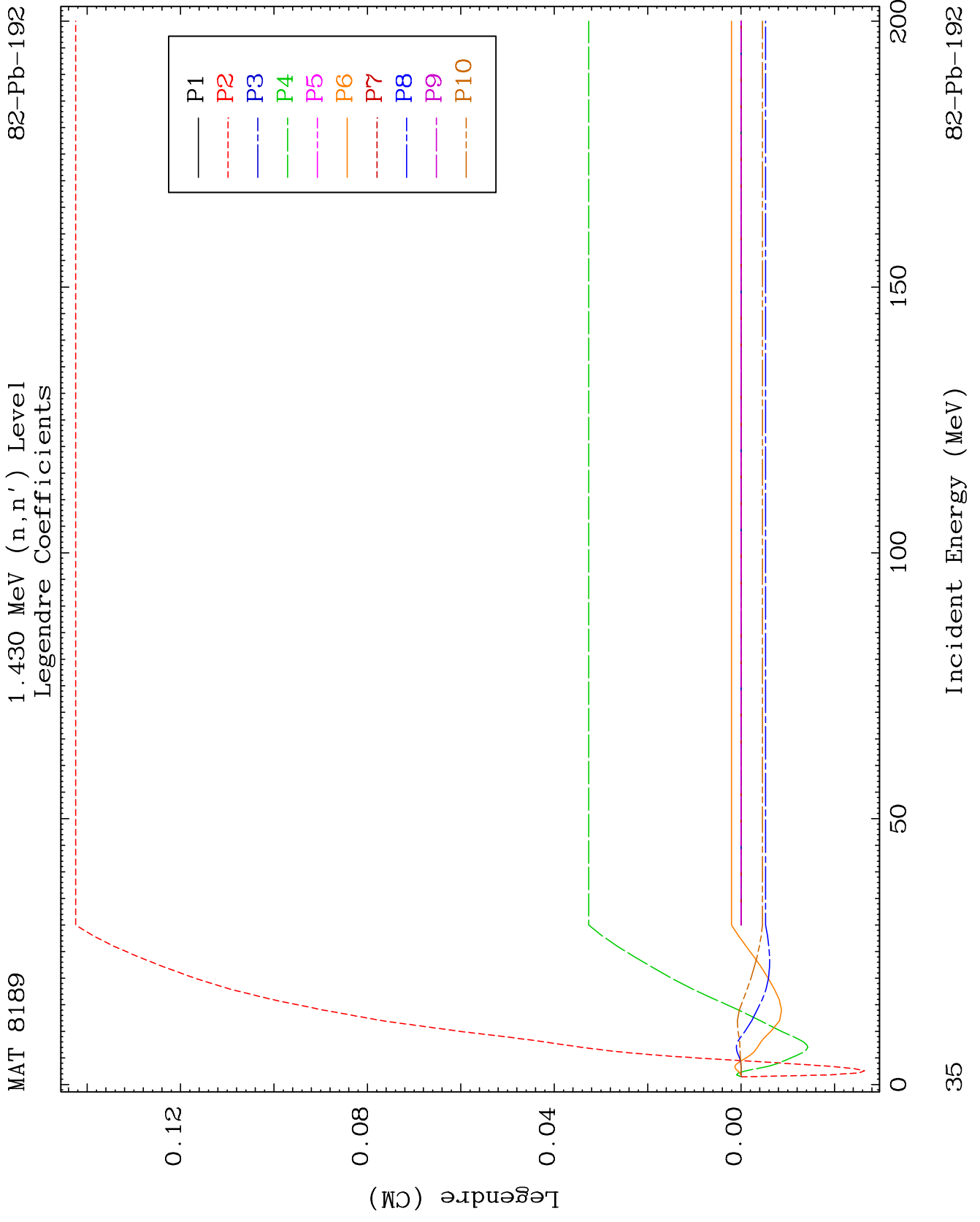
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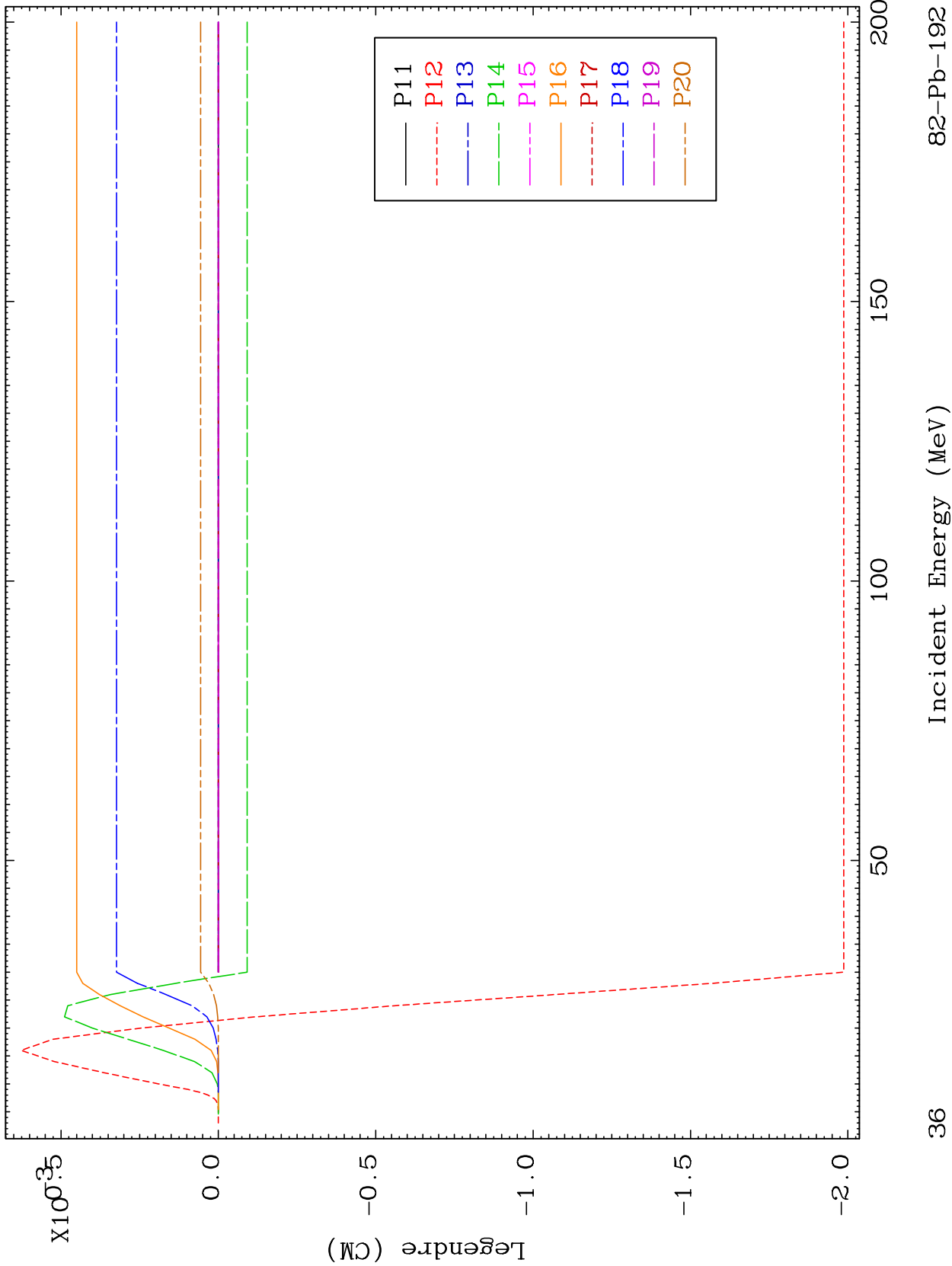


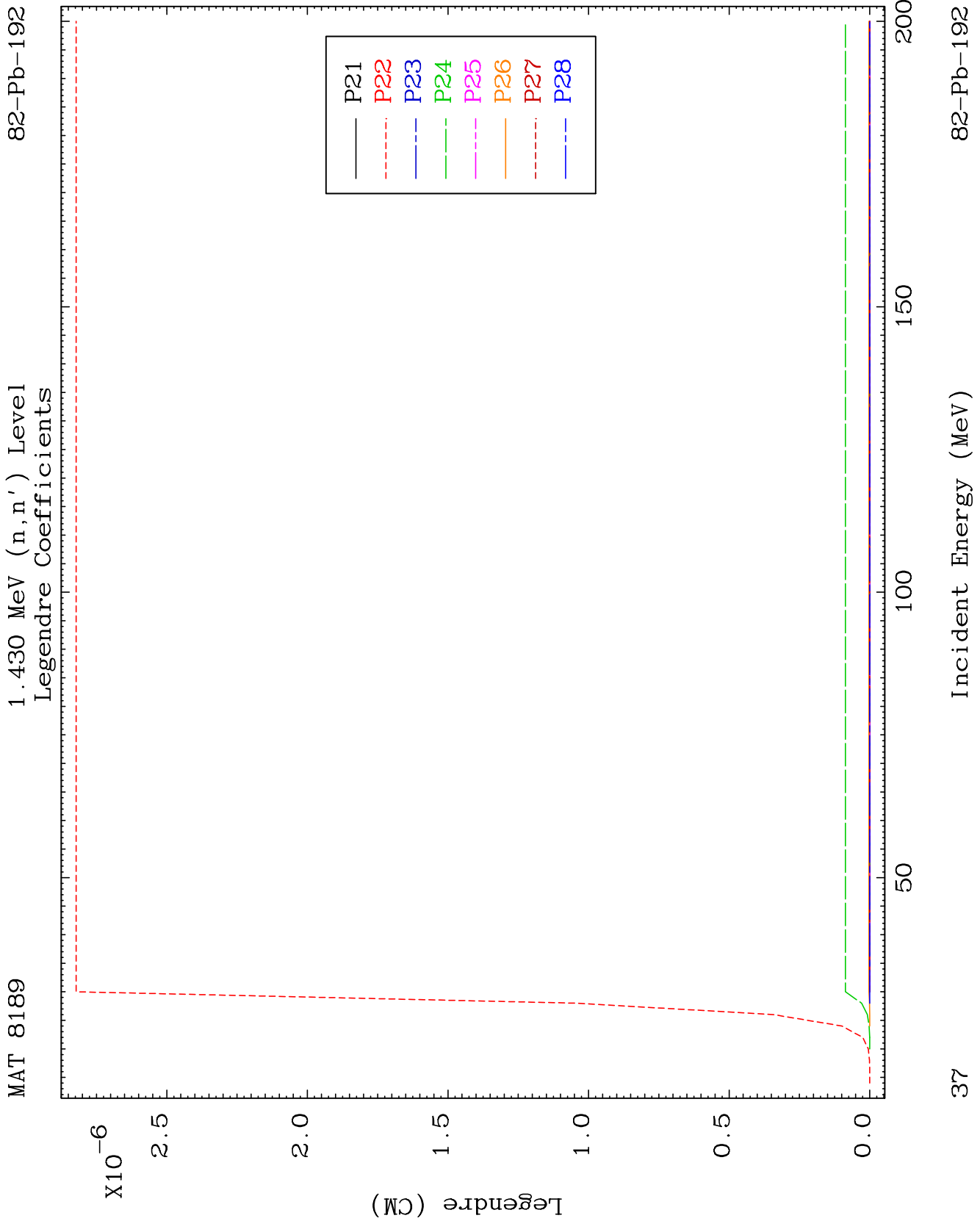
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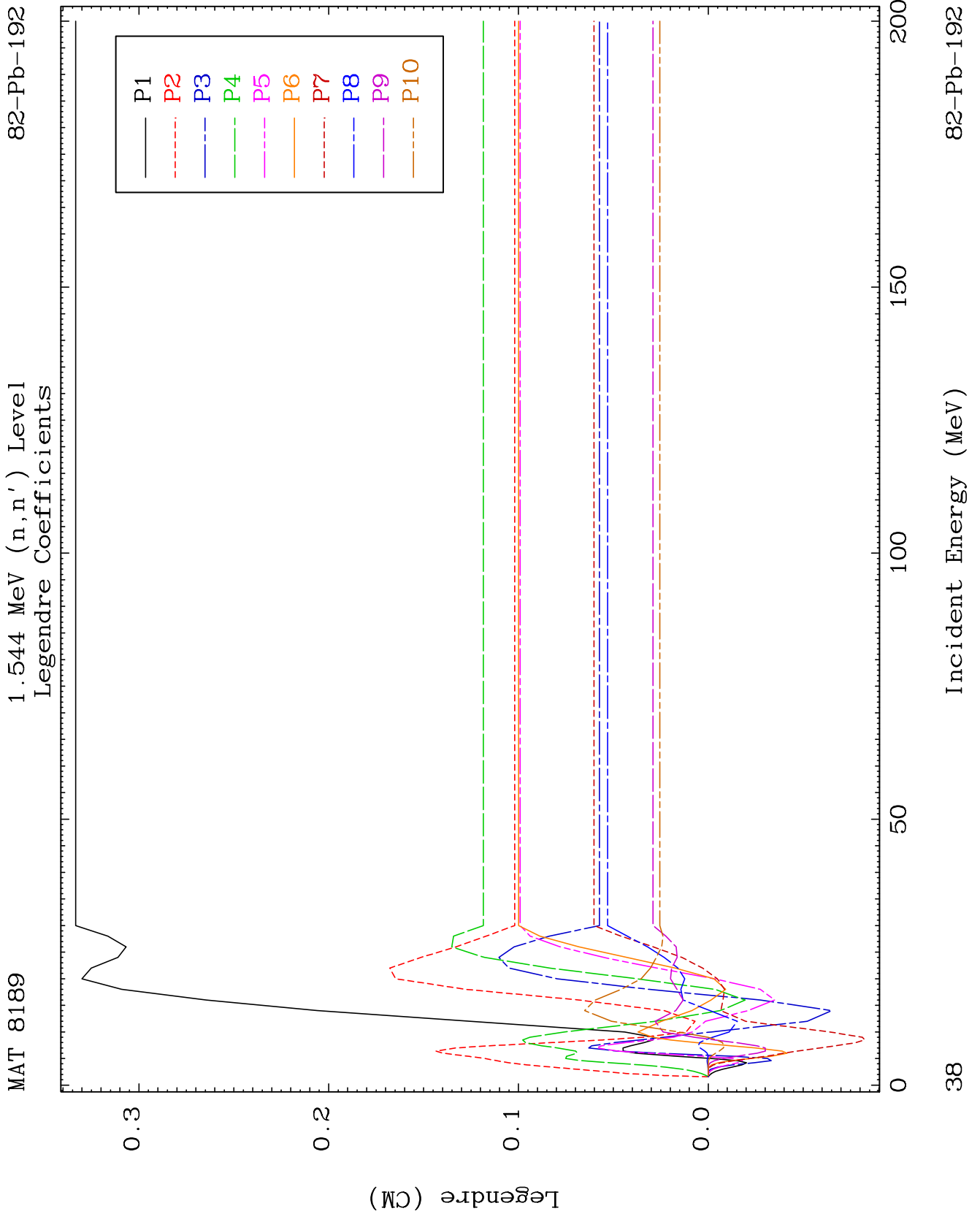
Incident Energy (MeV)

82-Pb-192





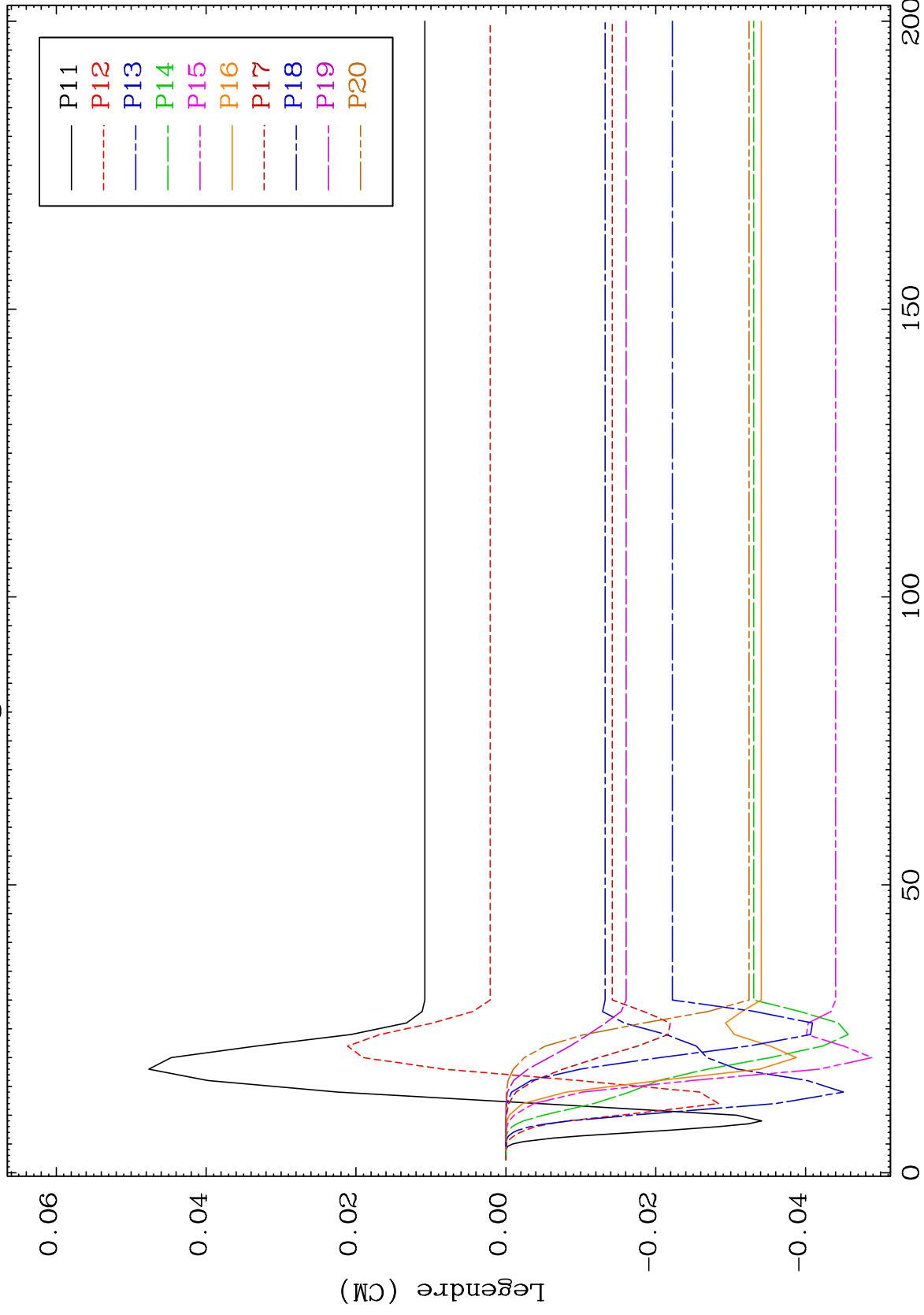




MAT 8189

1.544 MeV (n, n') Level
Legendre Coefficients

82-Pb-192



39

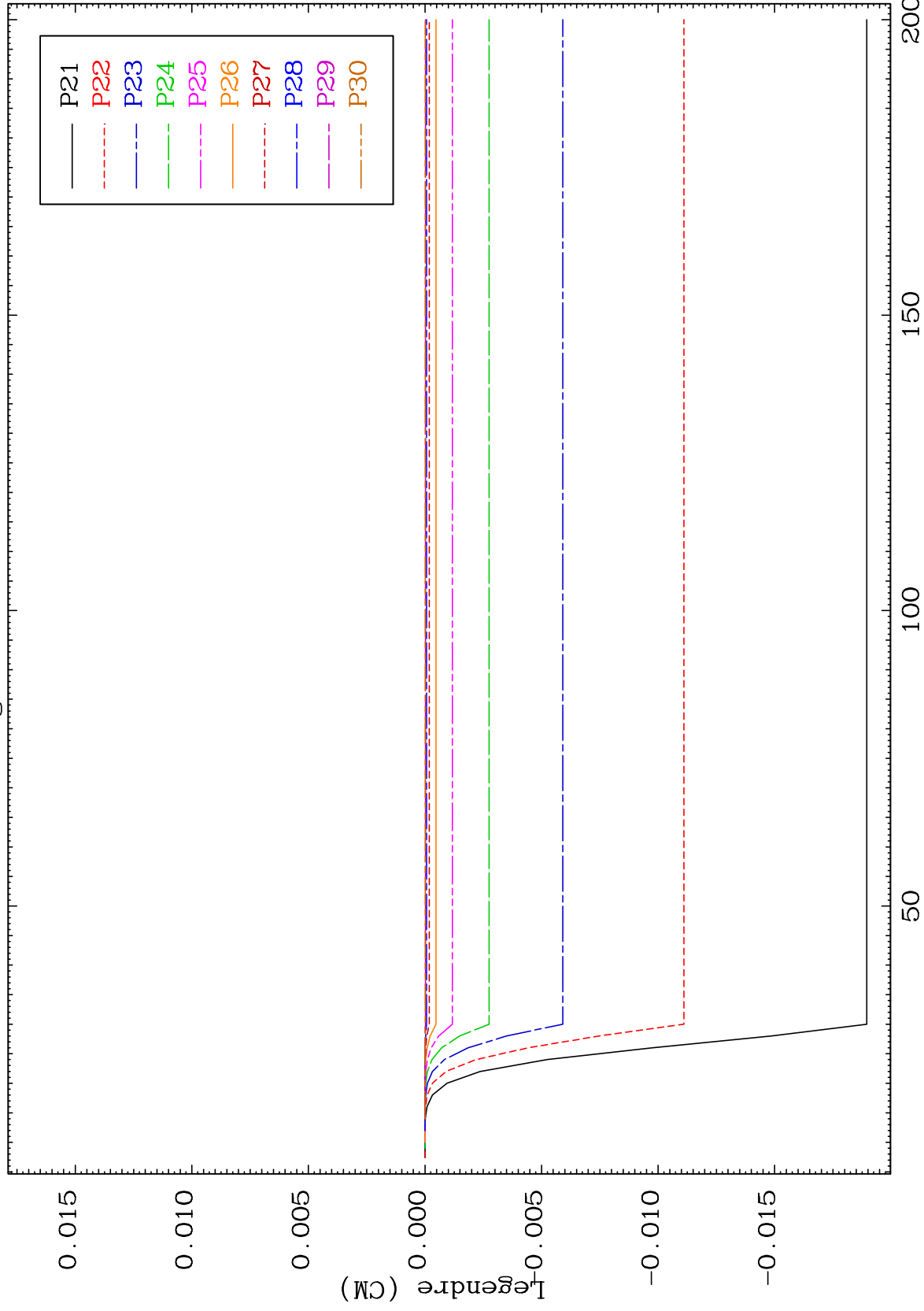
Incident Energy (MeV)

82-Pb-192

MAT 8189

1.544 MeV (n,n') Level
Legendre Coefficients

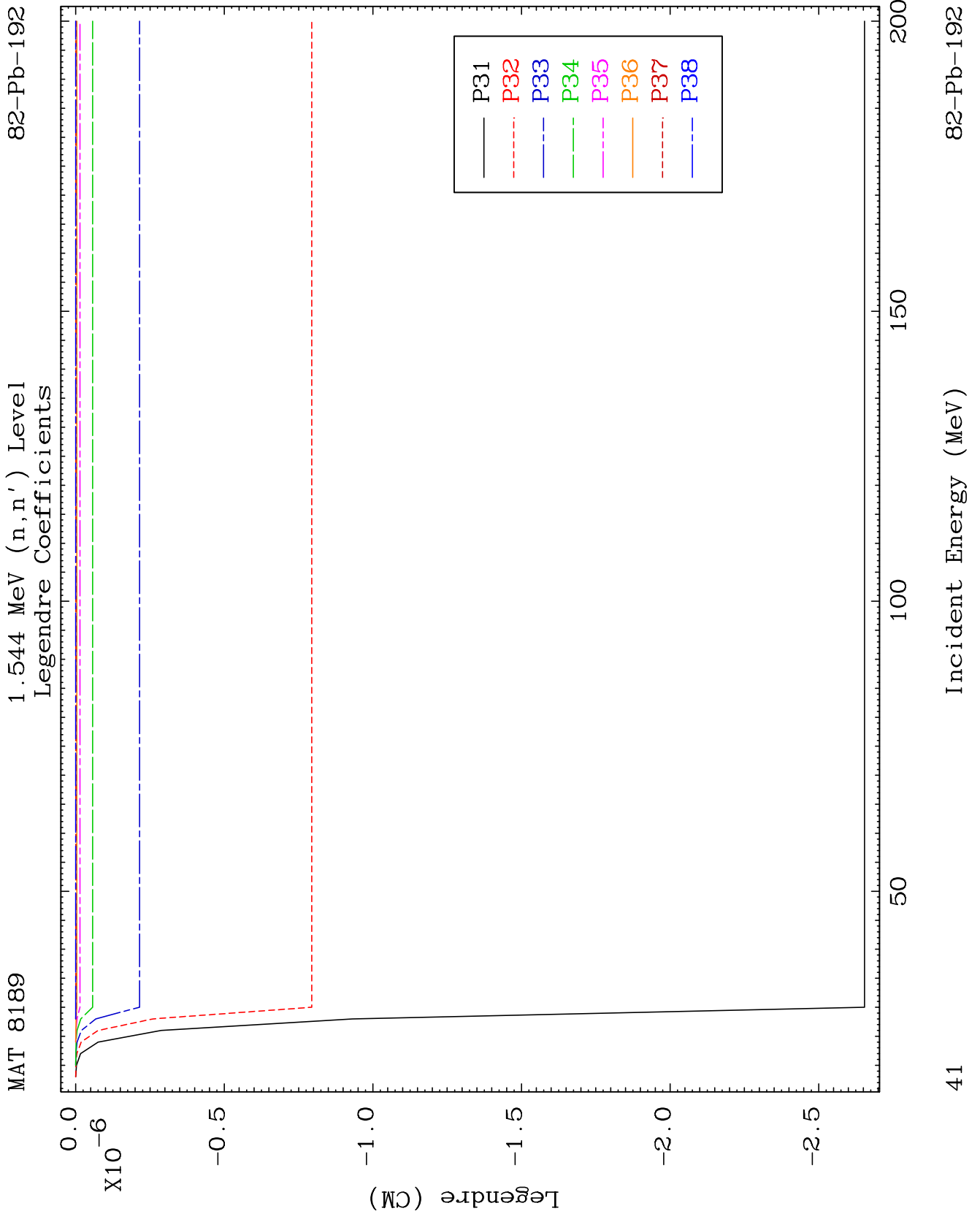
82-Pb-192



40

Incident Energy (MeV)

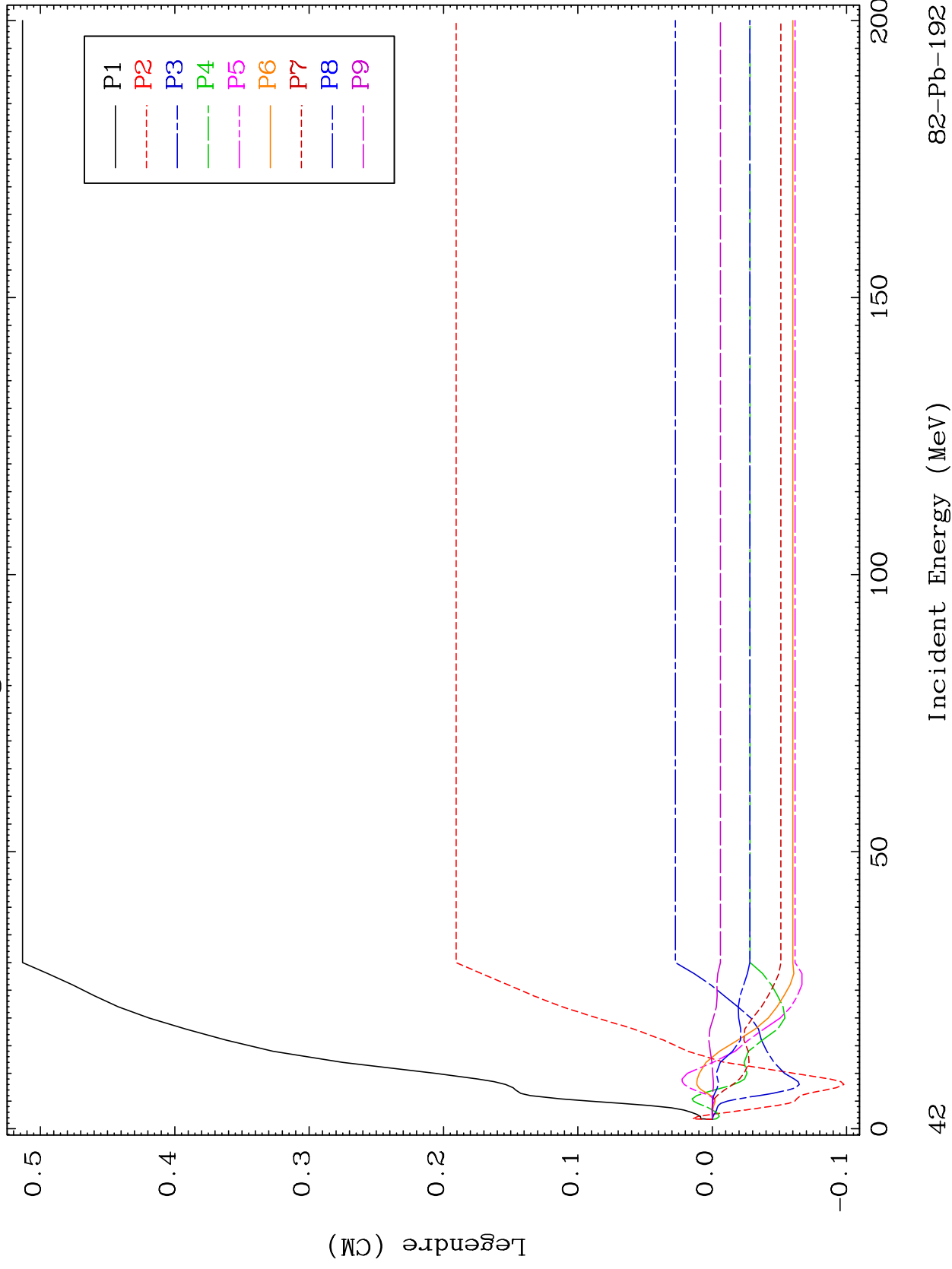
82-Pb-192



MAT 8189

1.680 MeV (n,n') Level
Legendre Coefficients

82-Pb-192



42

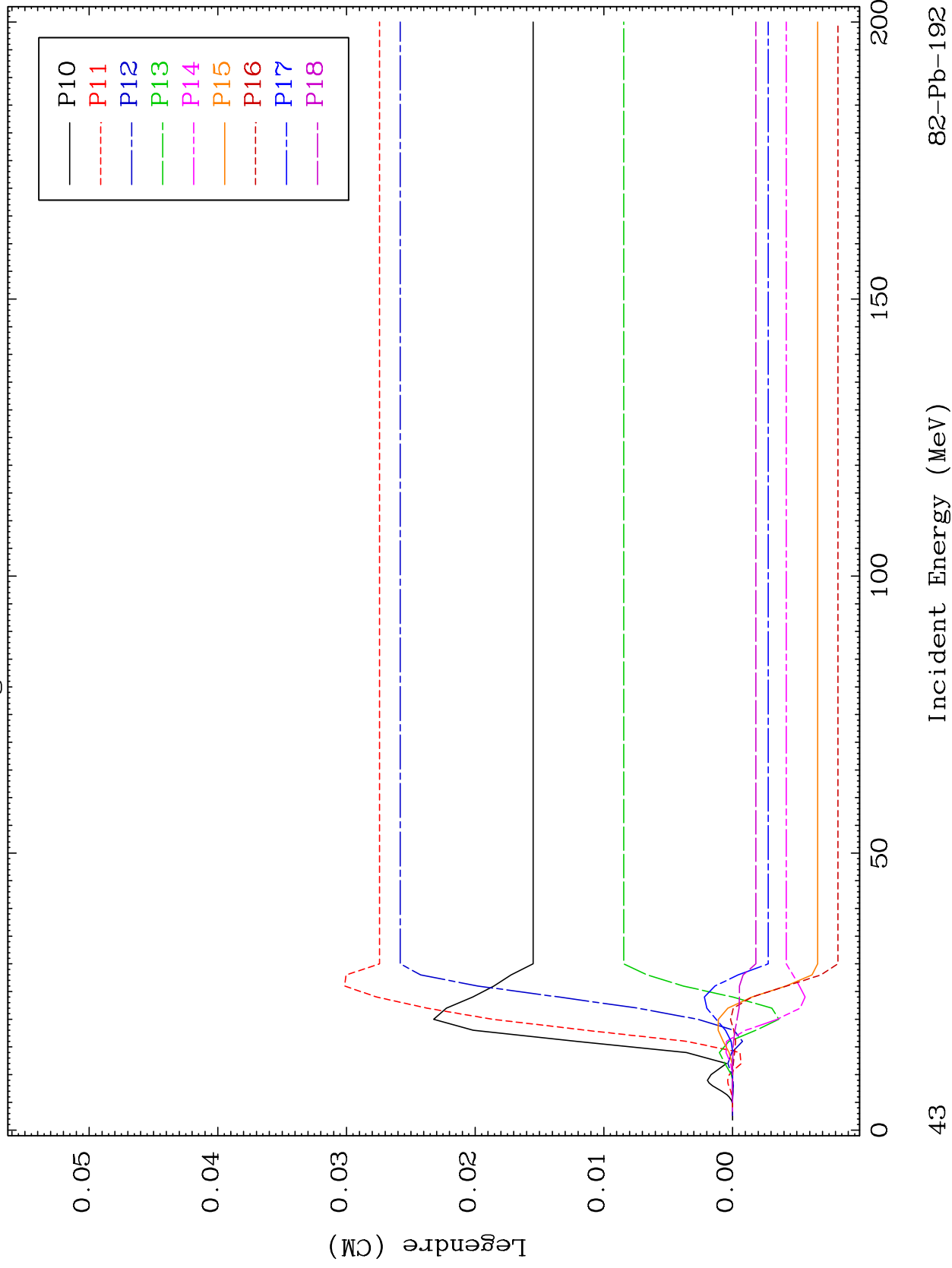
Incident Energy (MeV)

82-Pb-192

MAT 8189

1.680 MeV (n,n') Level
Legendre Coefficients

82-Pb-192



43

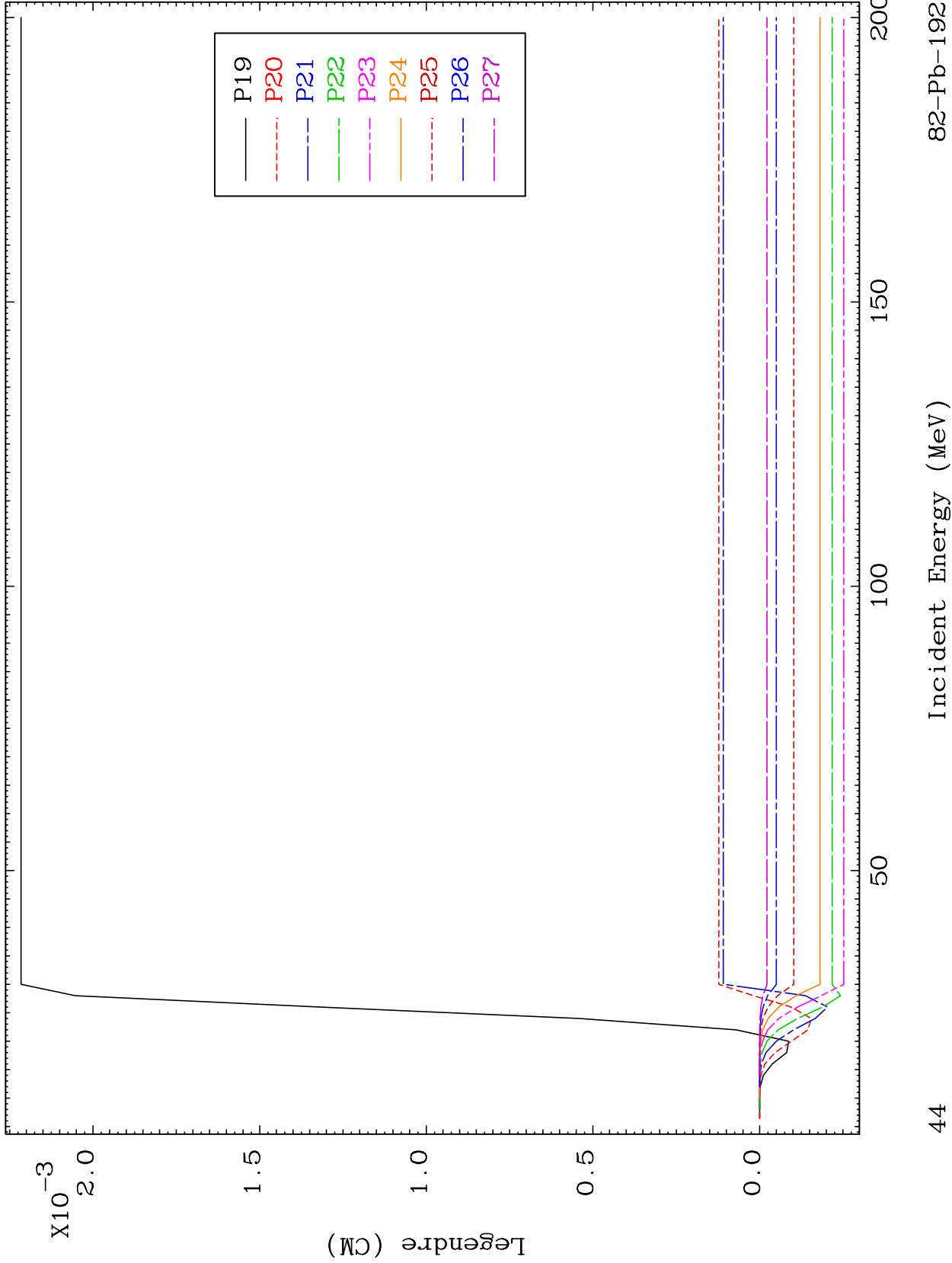
Incident Energy (MeV)

82-Pb-192

MAT 8189

1.680 MeV (n,n') Level
Legendre Coefficients

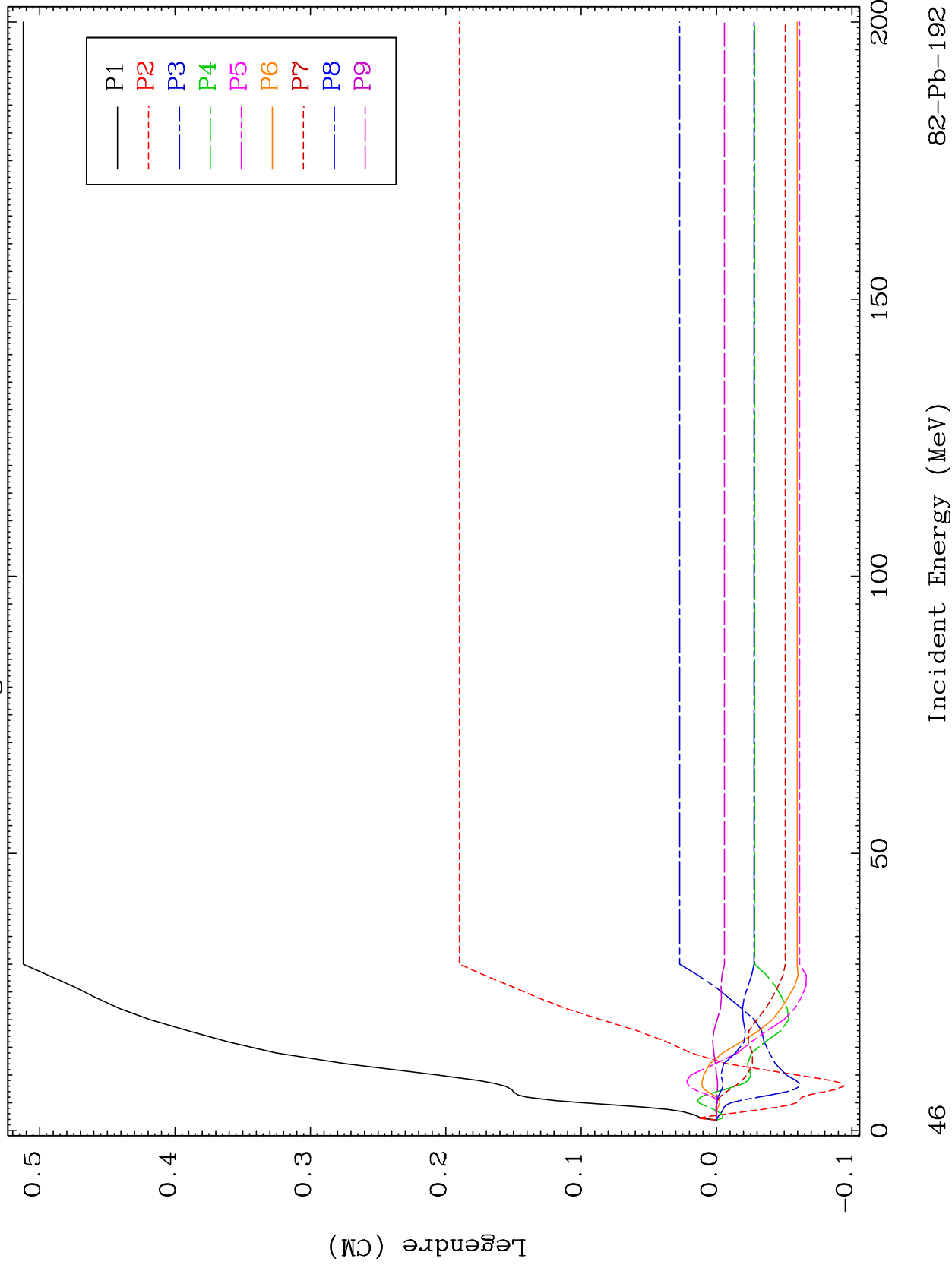
82-Pb-192



MAT 8189

1.860 MeV (n,n') Level
Legendre Coefficients

82-Pb-192



82-Pb-192

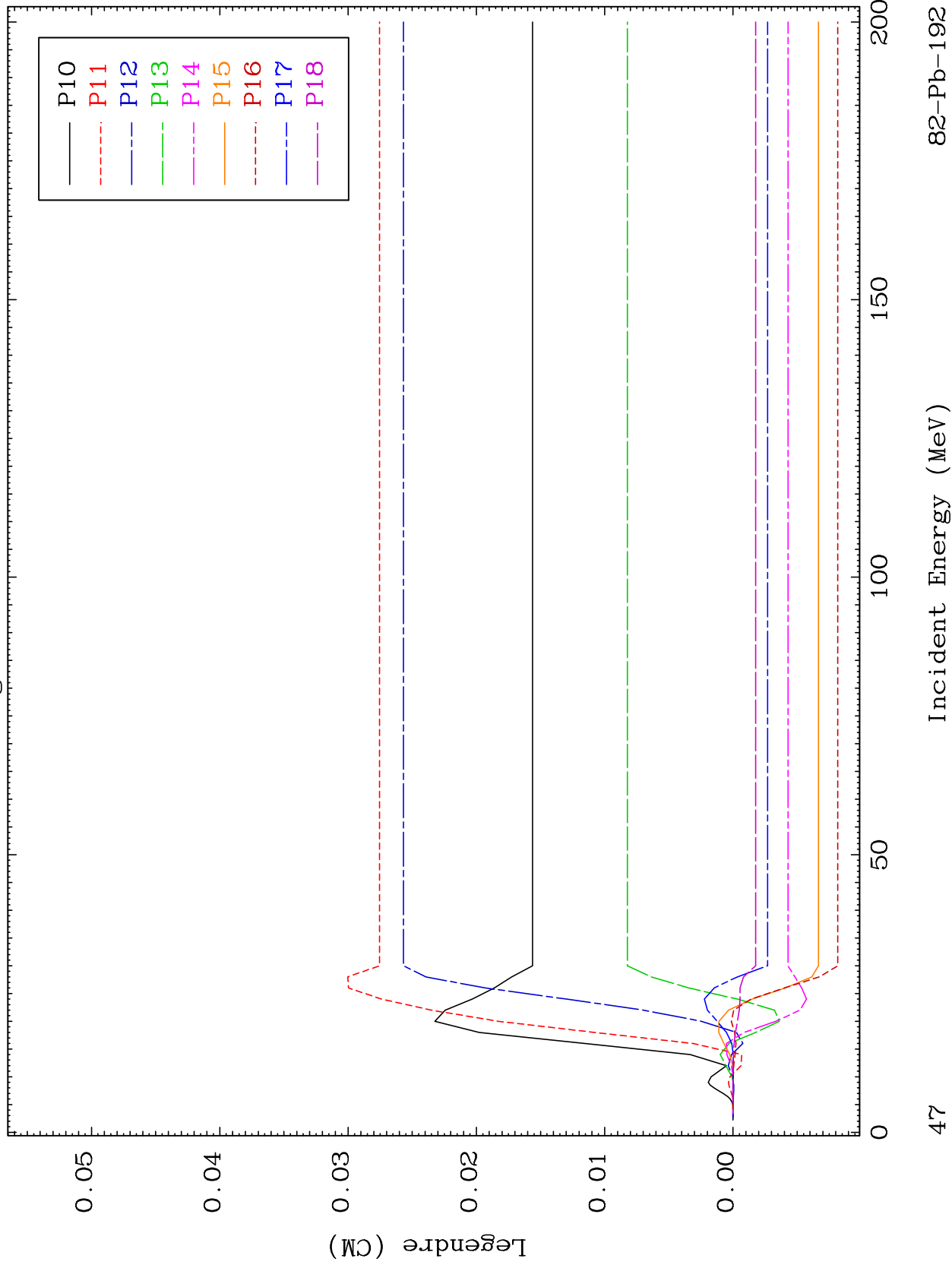
Incident Energy (MeV)

46

MAT 8189

1.860 MeV (n,n') Level
Legendre Coefficients

82-Pb-192



47

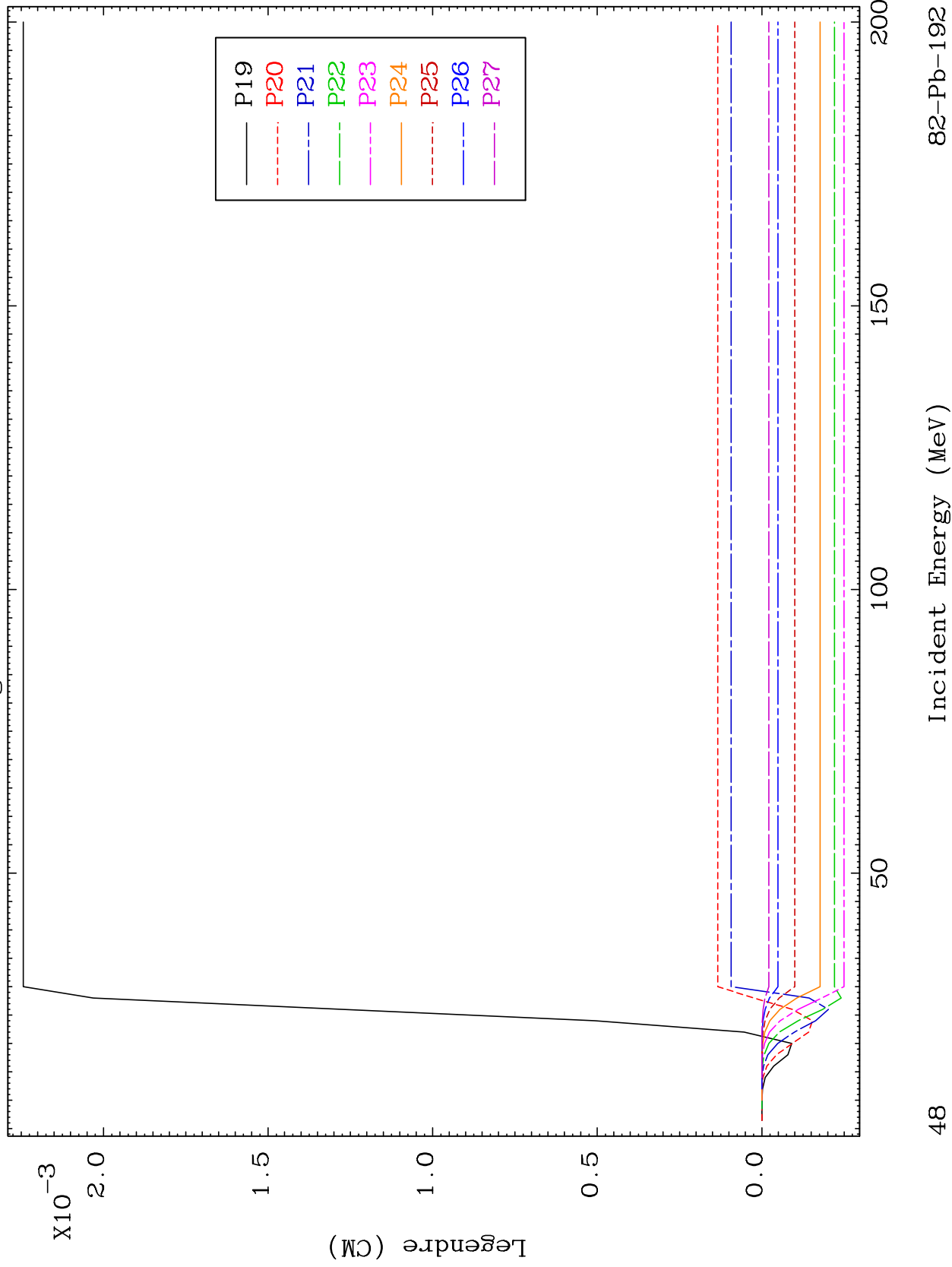
Incident Energy (MeV)

82-Pb-192

MAT 8189

1.860 MeV (n,n') Level
Legendre Coefficients

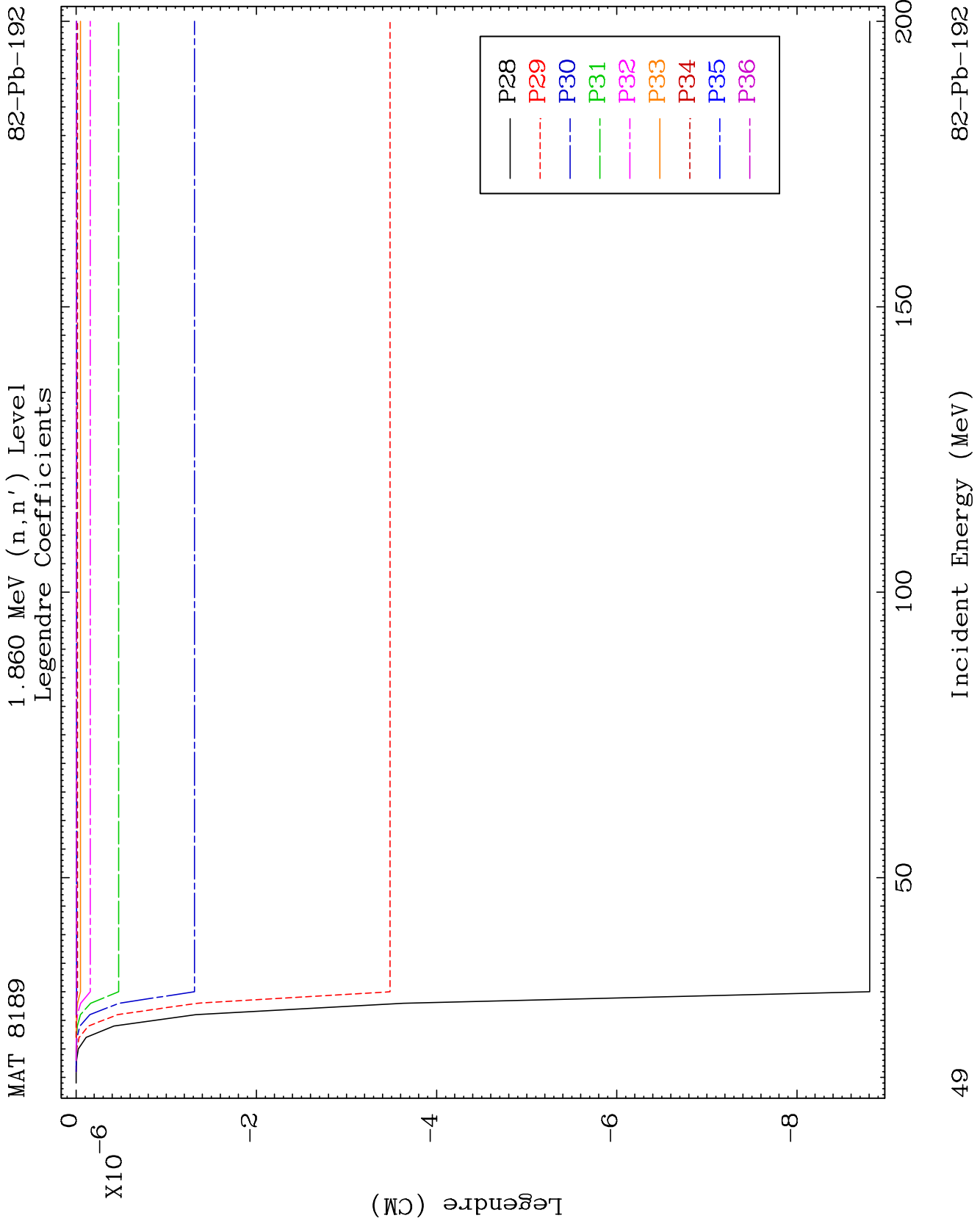
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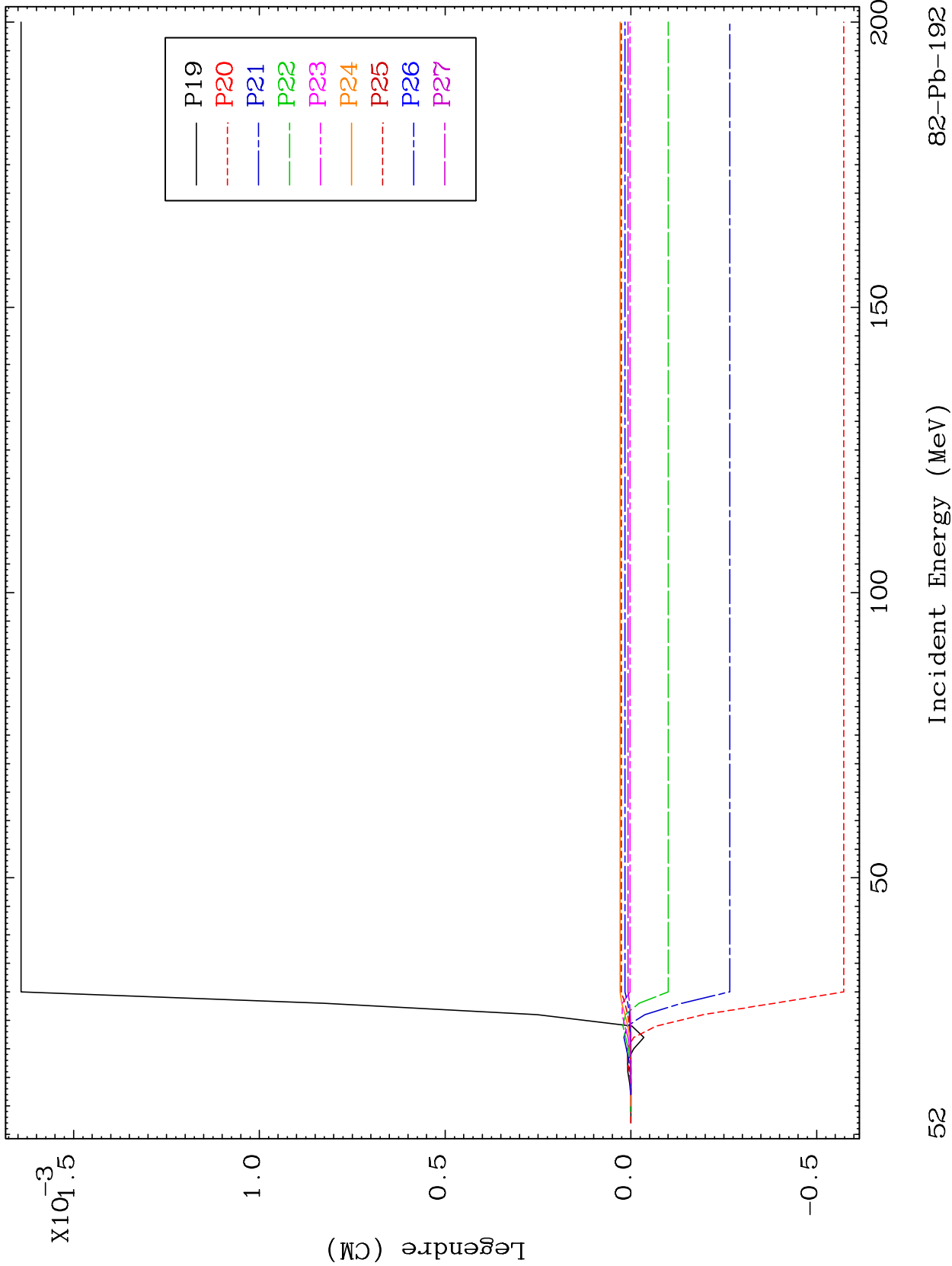


48

Incident Energy (MeV)

82-Pb-192

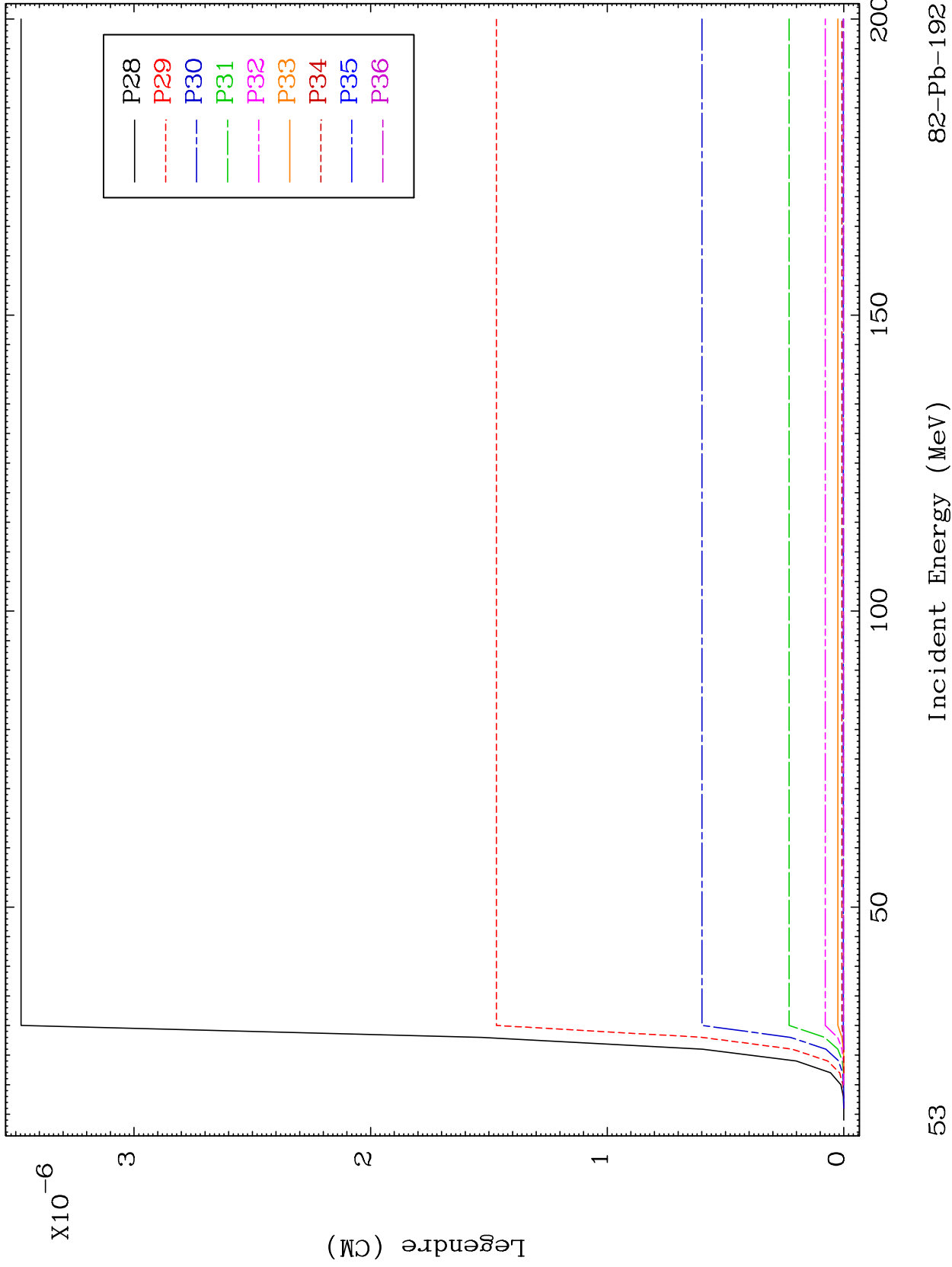




MAT 8189

1.921 MeV (n,n') Level
Legendre Coefficients

82-Pb-192



53

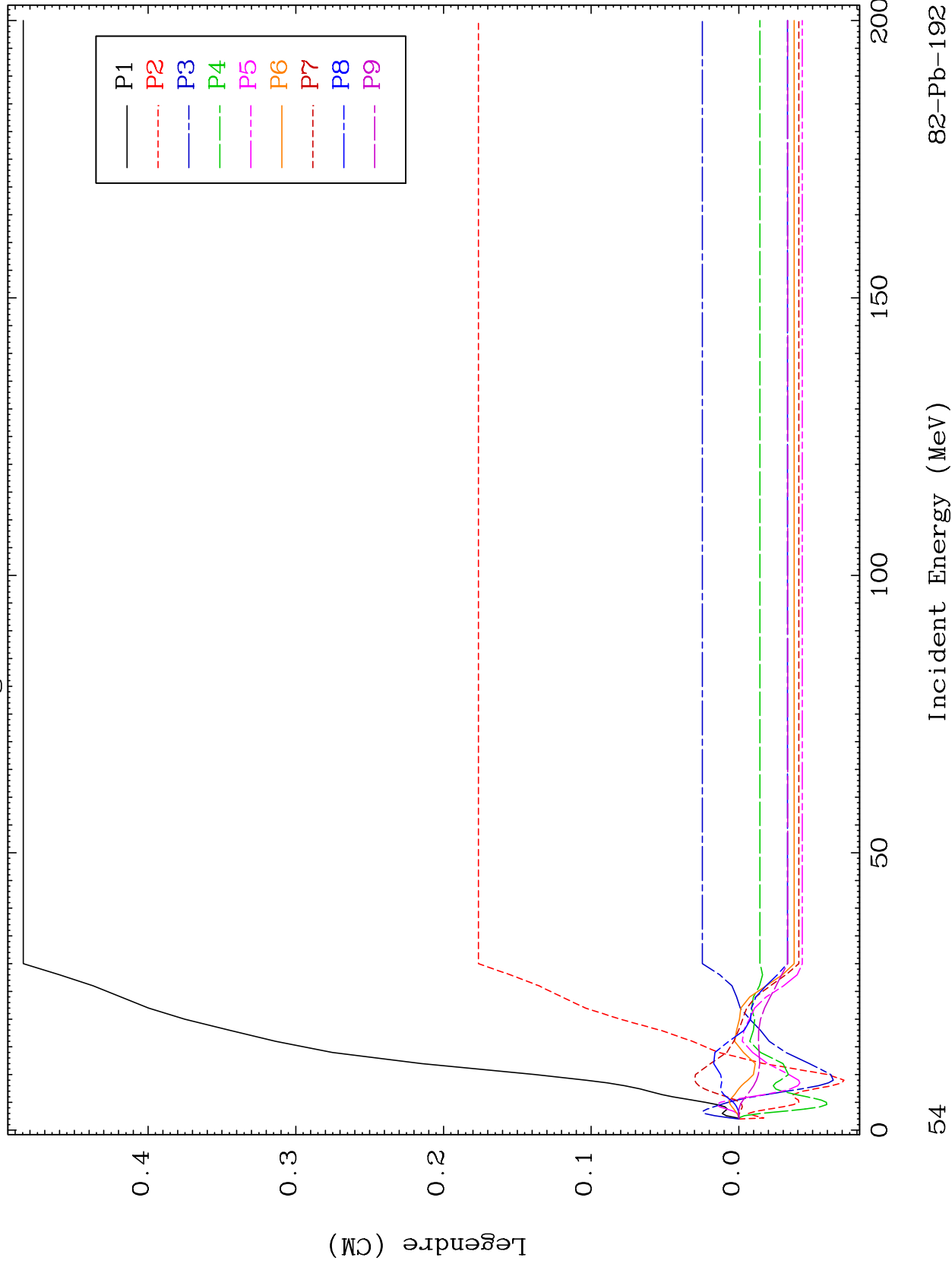
Incident Energy (MeV)

82-Pb-192

MAT 8189

1.983 MeV (n,n') Level
Legendre Coefficients

82-Pb-192



54

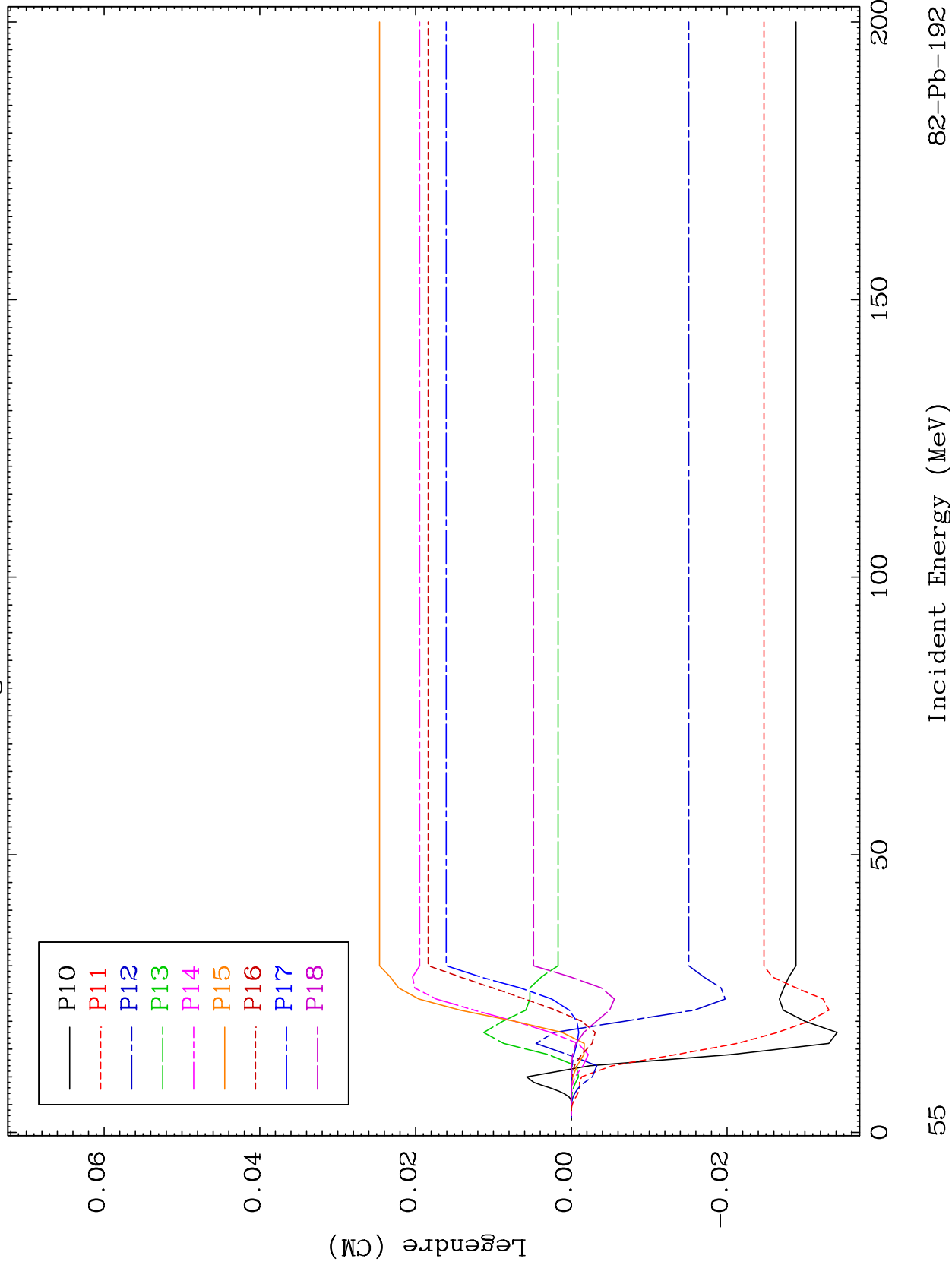
Incident Energy (MeV)

82-Pb-192

MAT 8189

1.983 MeV (n,n') Level
Legendre Coefficients

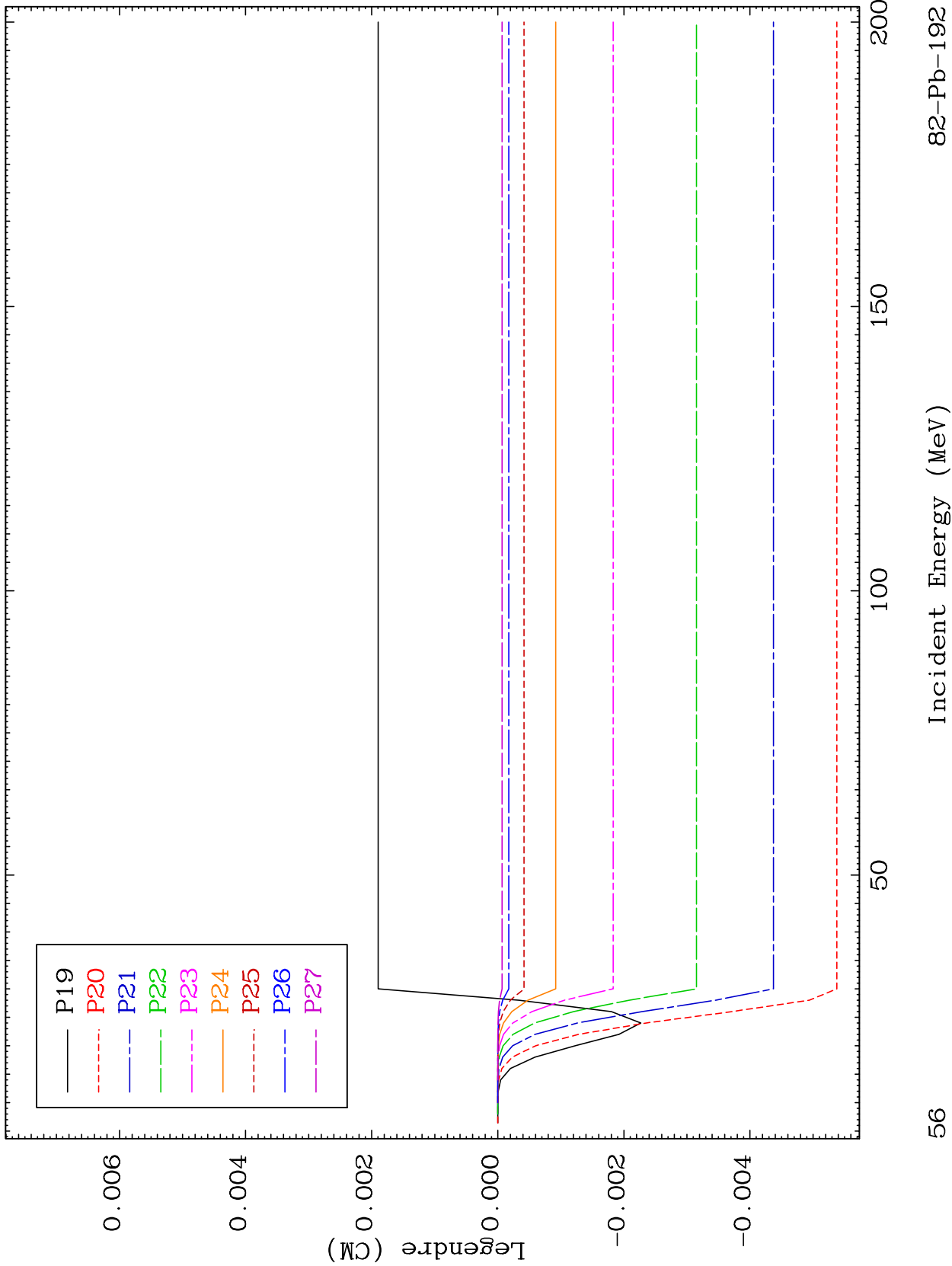
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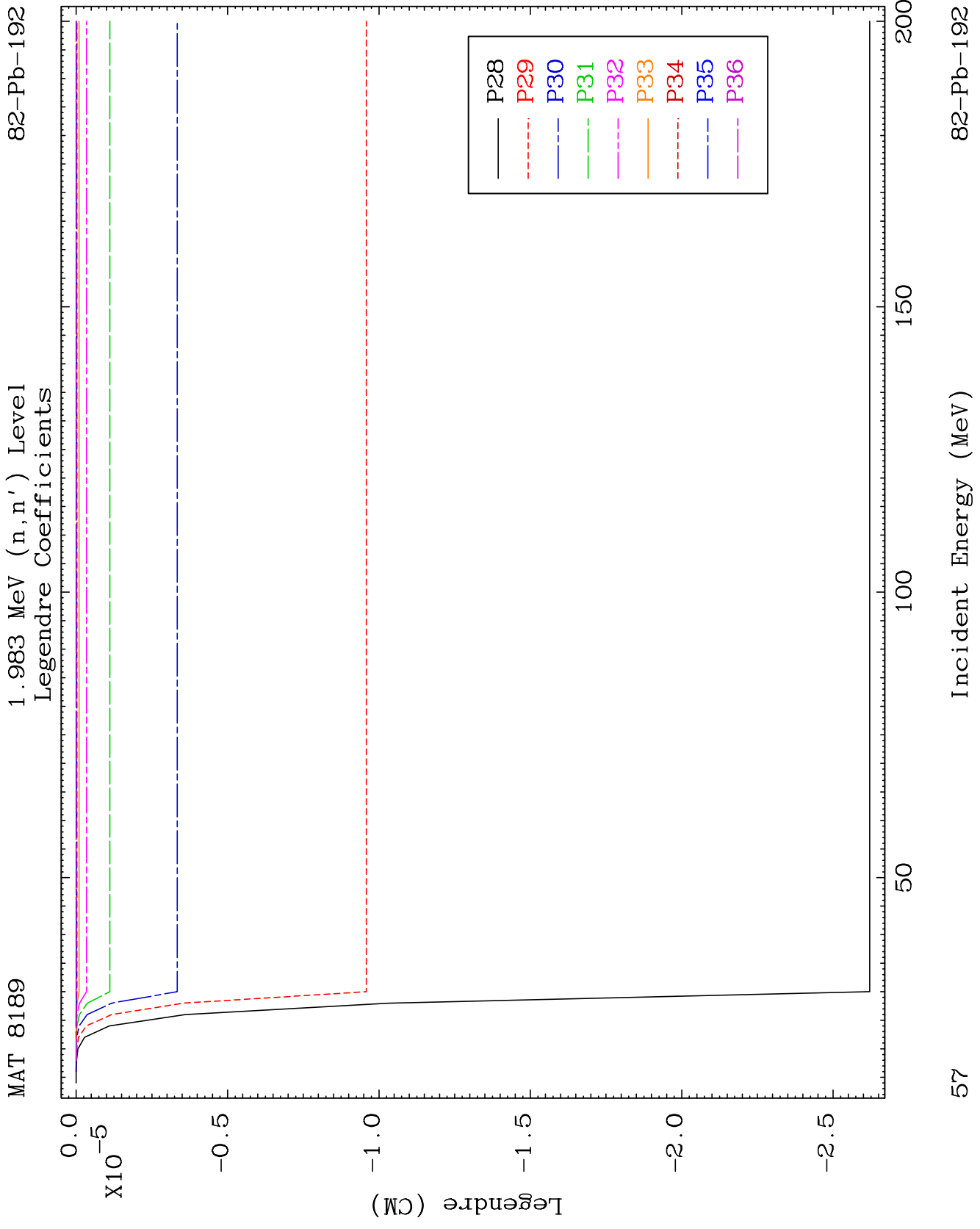


82-Pb-192

Incident Energy (MeV)

55



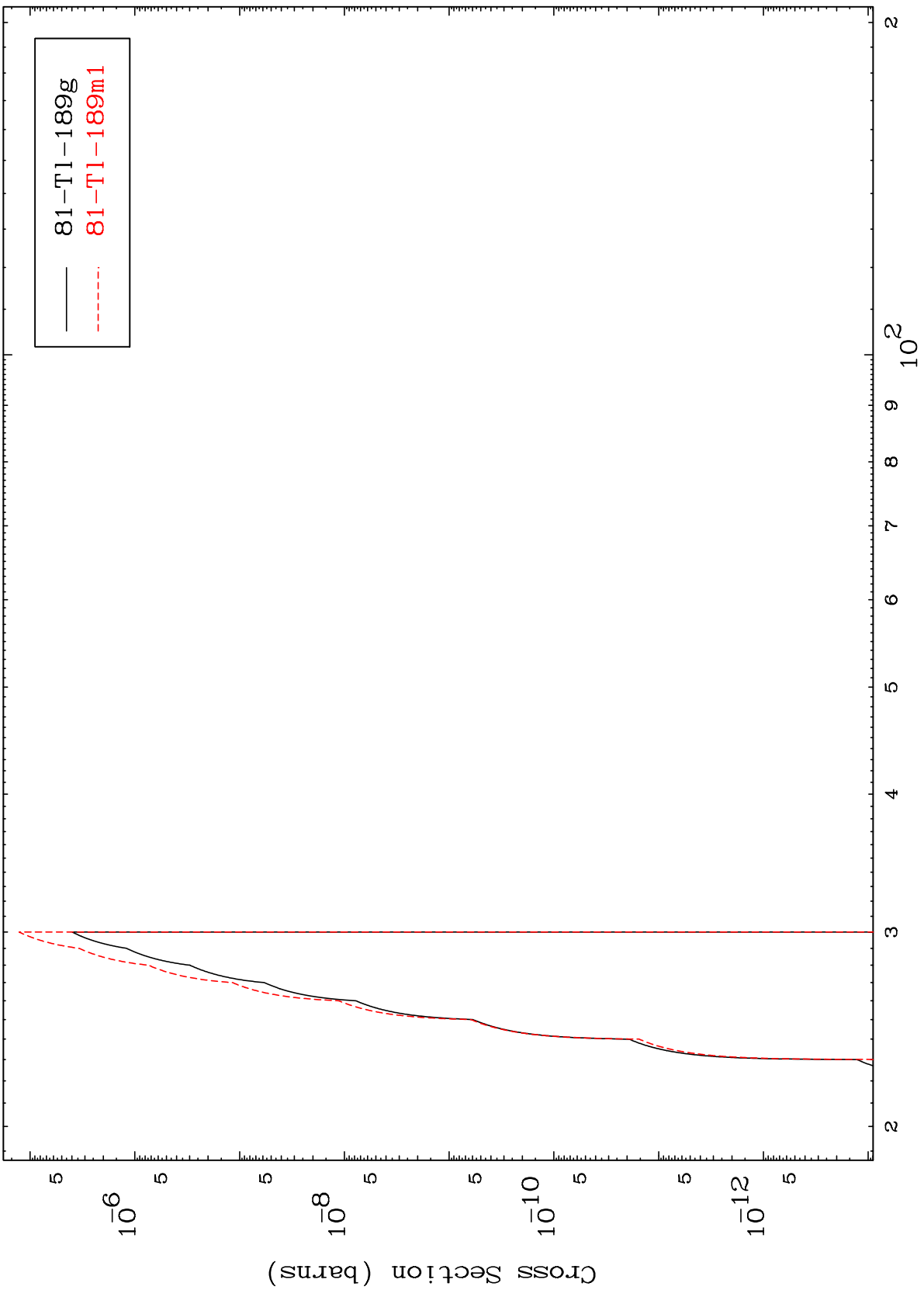


MAT 8189

(n,2n) d

82-Pb-192

Radionuclide Production Cross Section



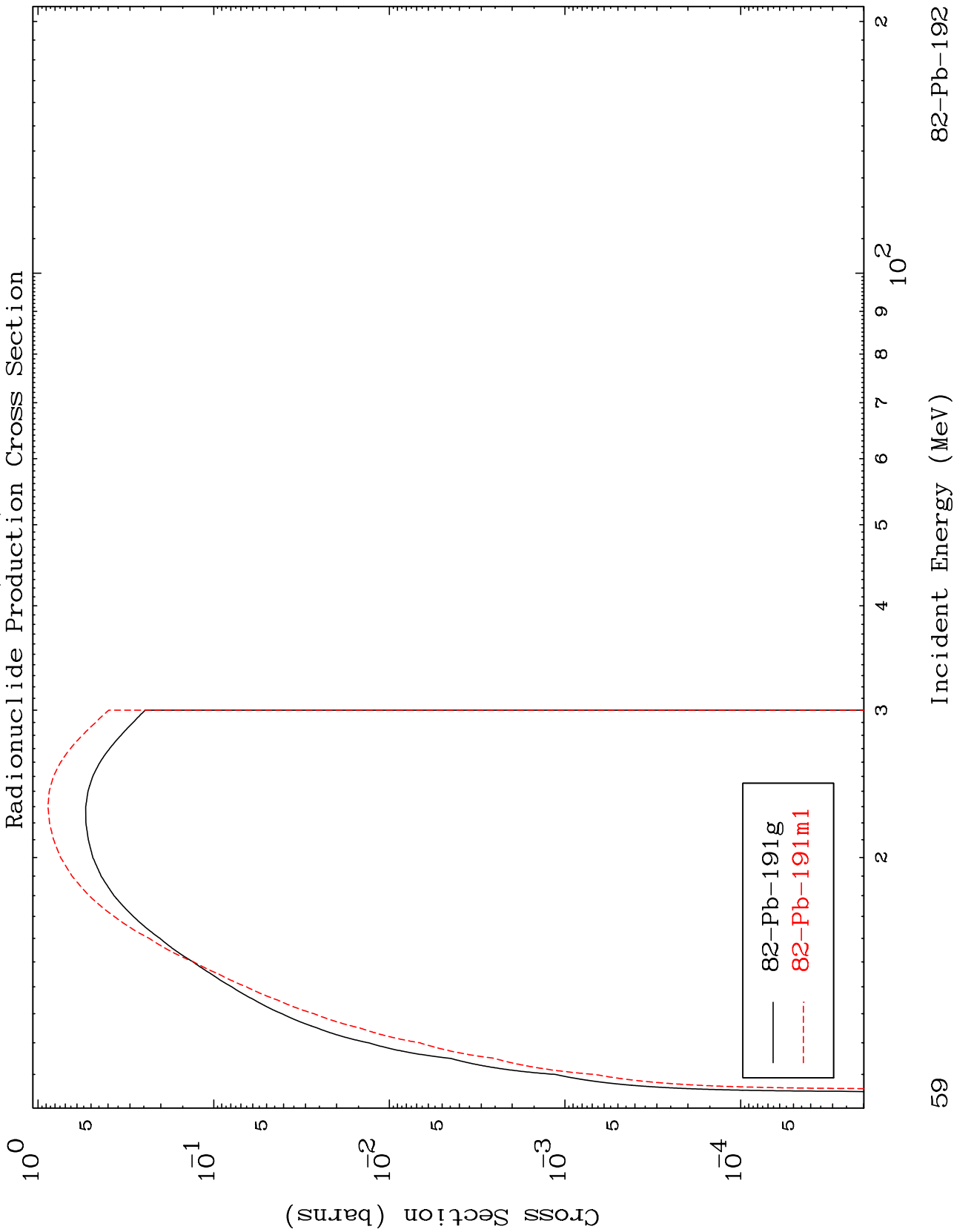
58

Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

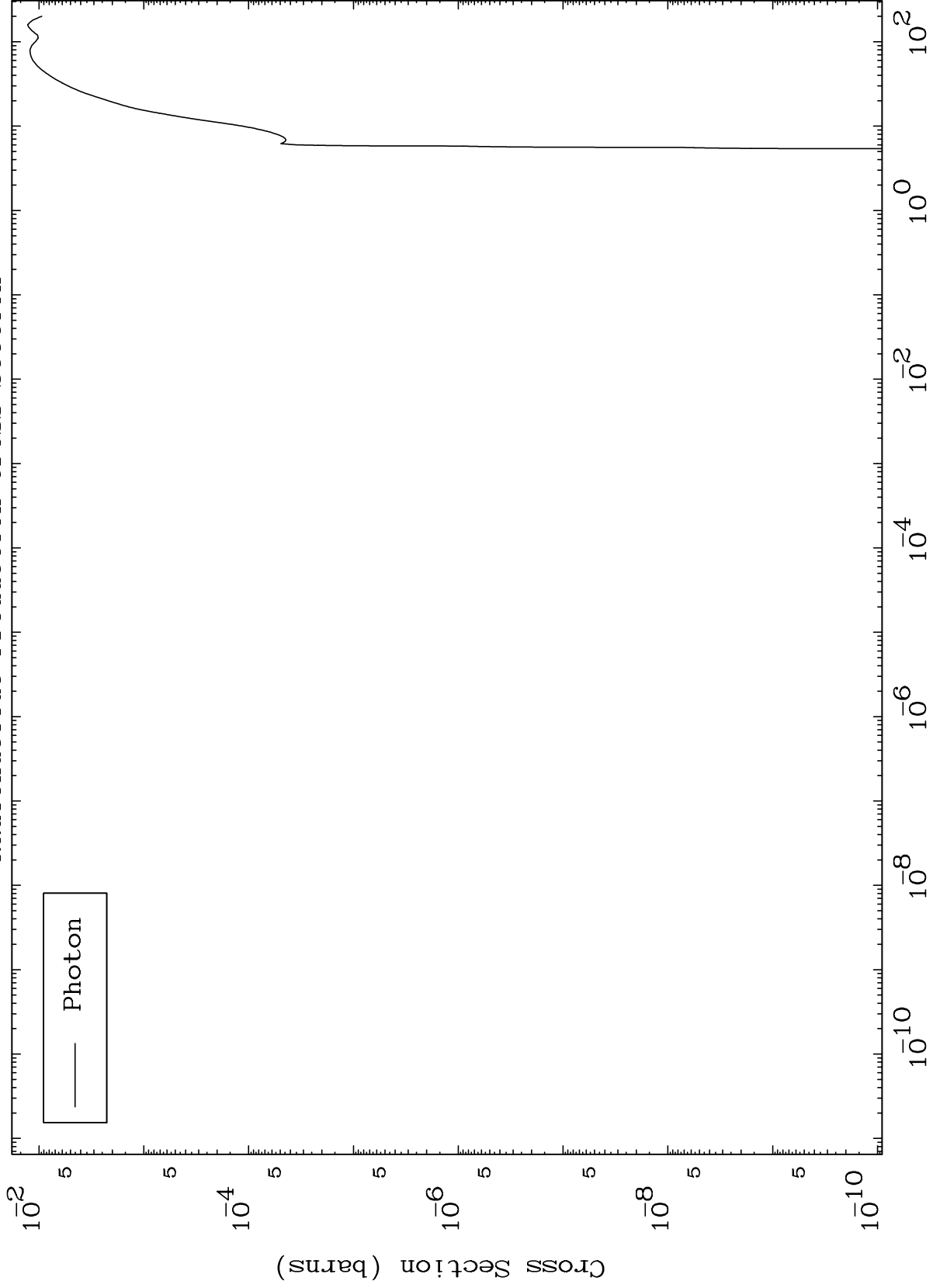


MAT 8189

Fission

82-Pb-192

Radionuclide Production Cross Section



60

Incident Energy (MeV)

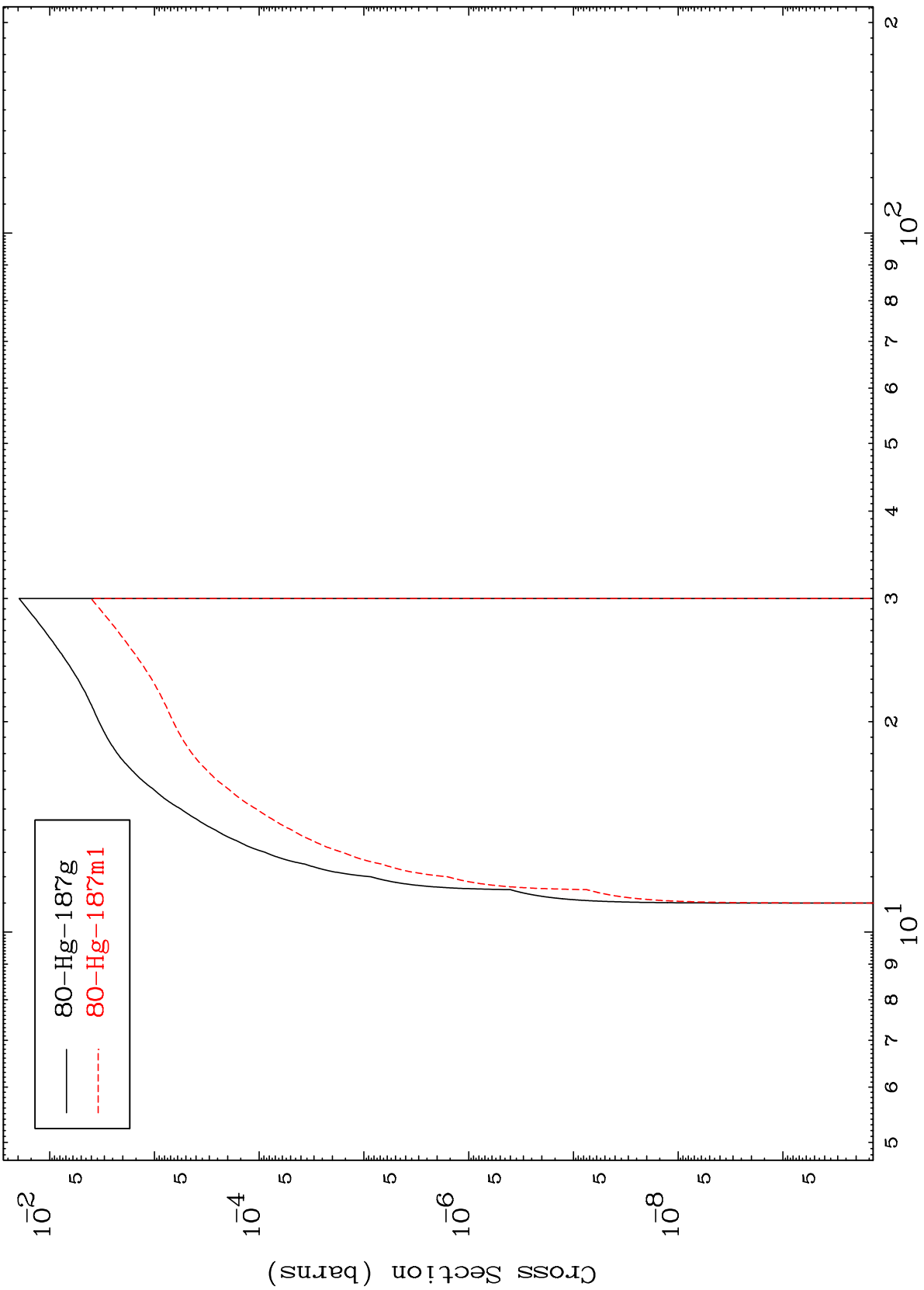
82-Pb-192

MAT 8189

(n,2n) α

82-Pb-192

Radionuclide Production Cross Section



61

Incident Energy (MeV)

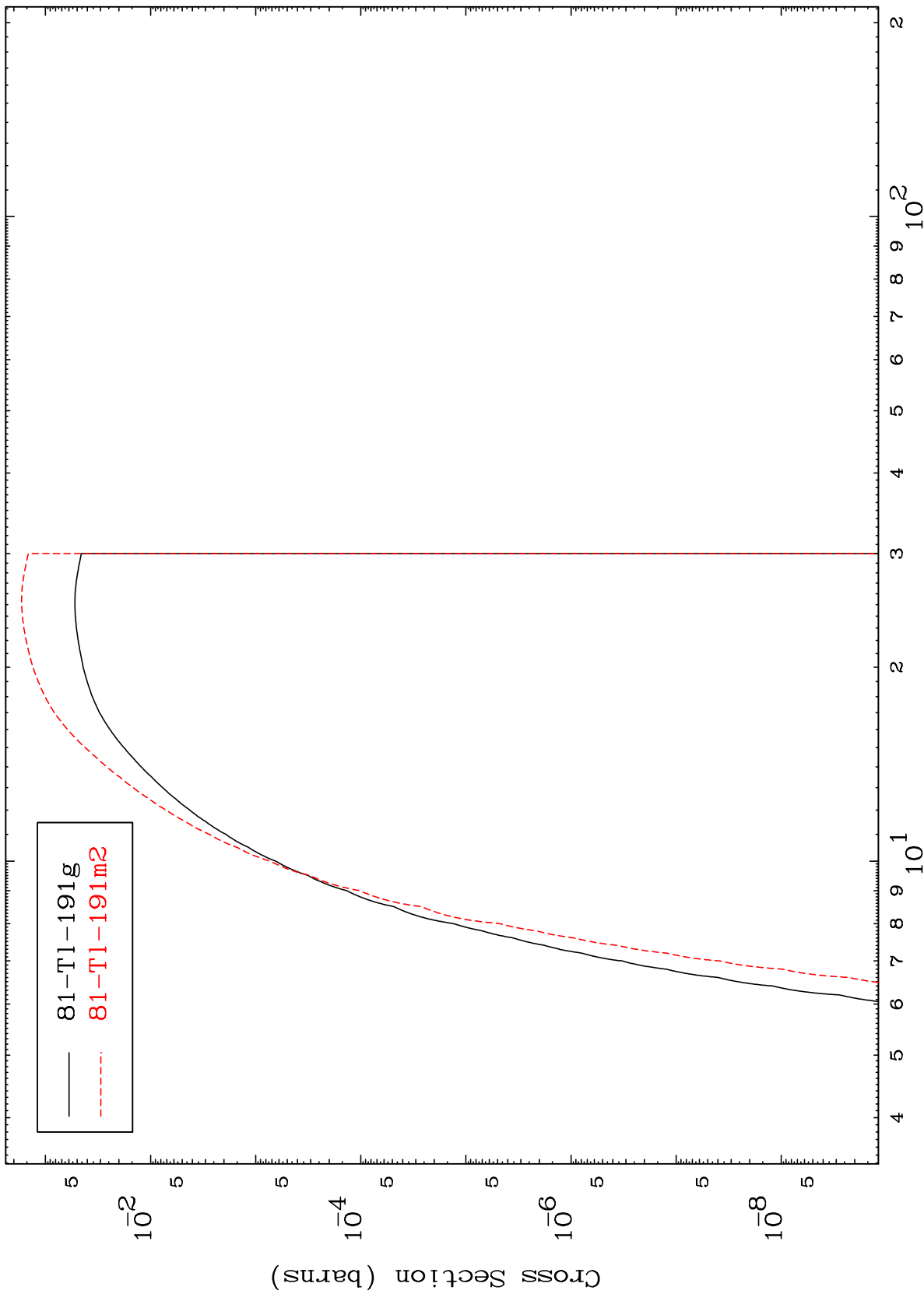
82-Pb-192

MAT 8189

(n,n') p

82-Pb-192

Radionuclide Production Cross Section



62

Incident Energy (MeV)

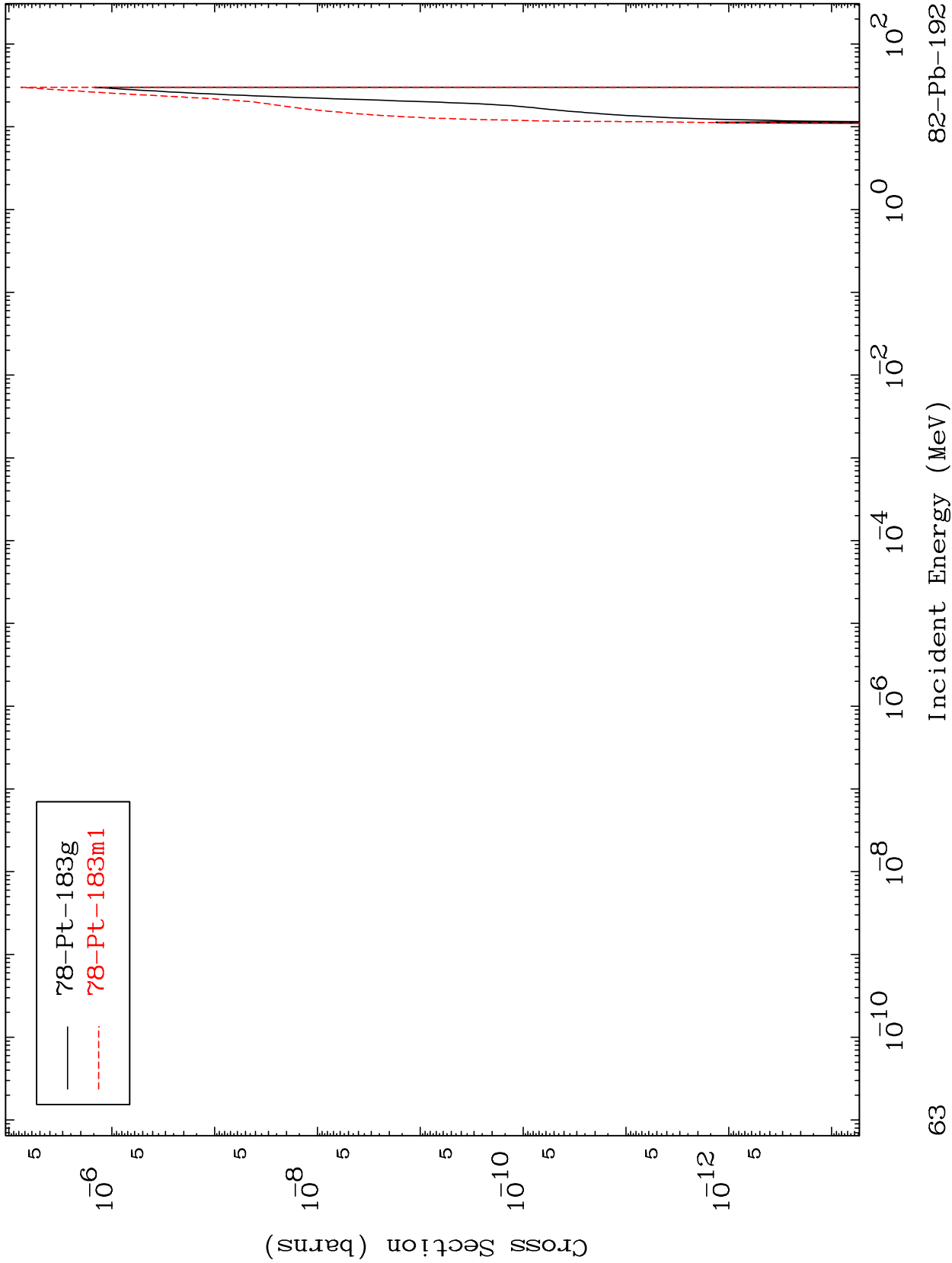
82-Pb-192

MAT 8189

(n,2n) 2 α

82-Pb-192

Radionuclide Production Cross Section



63

Incident Energy (MeV)

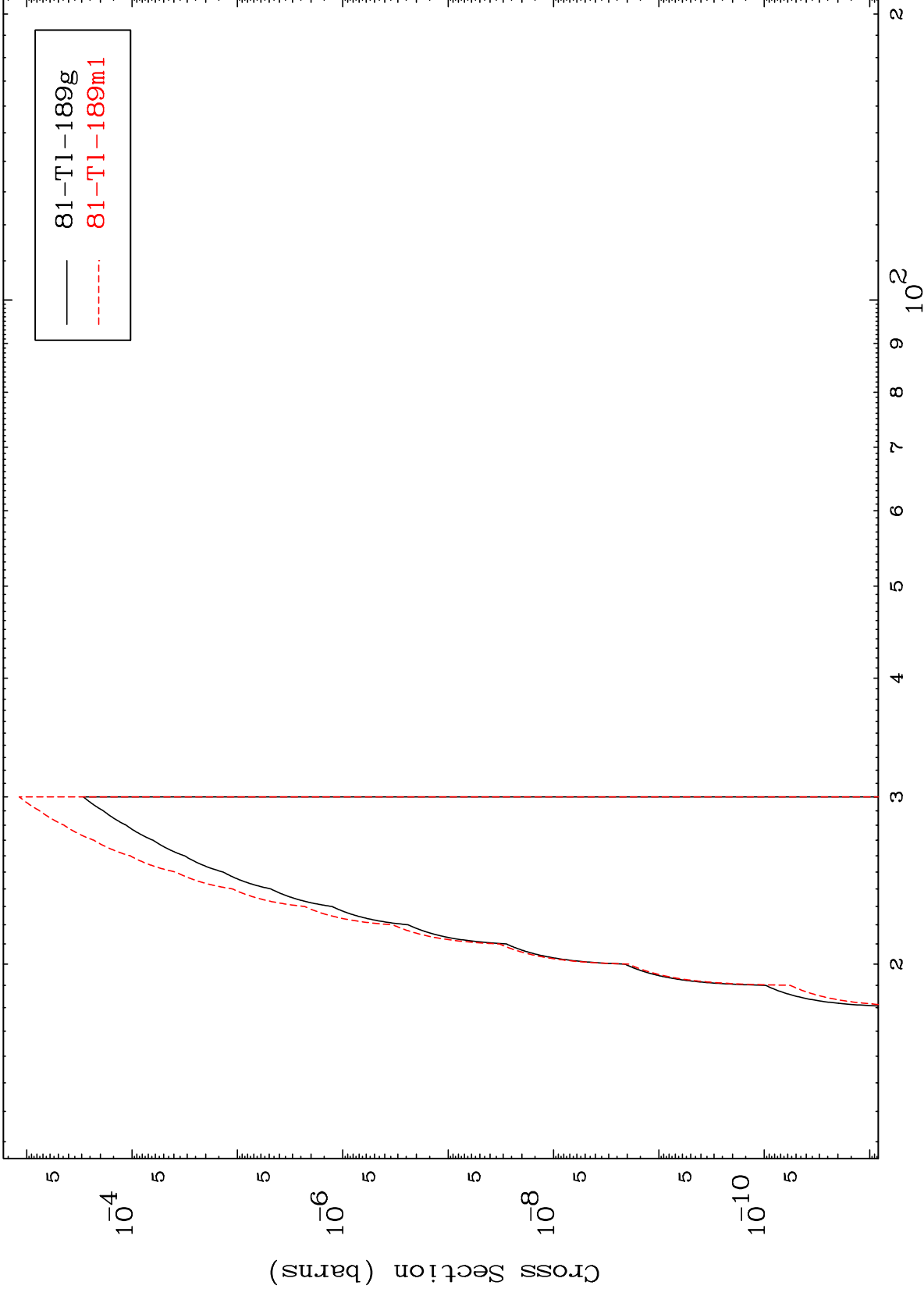
82-Pb-192

MAT 8189

(n,n') t

82-Pb-192

Radionuclide Production Cross Section



81-Tl-189g
81-Tl-189m1

64

Incident Energy (MeV)

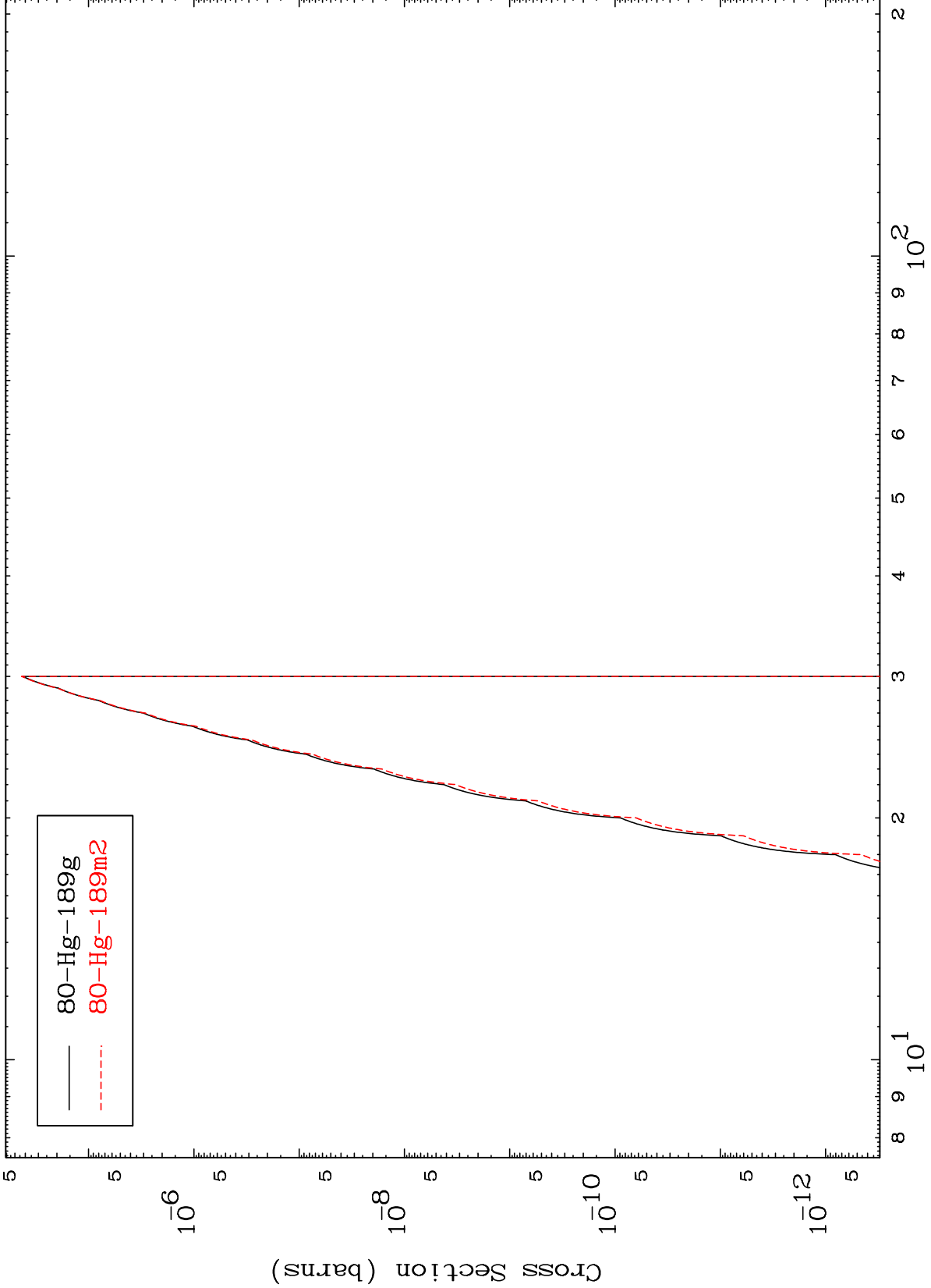
82-Pb-192

MAT 8189

(n,n') He-3

82-Pb-192

Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

65

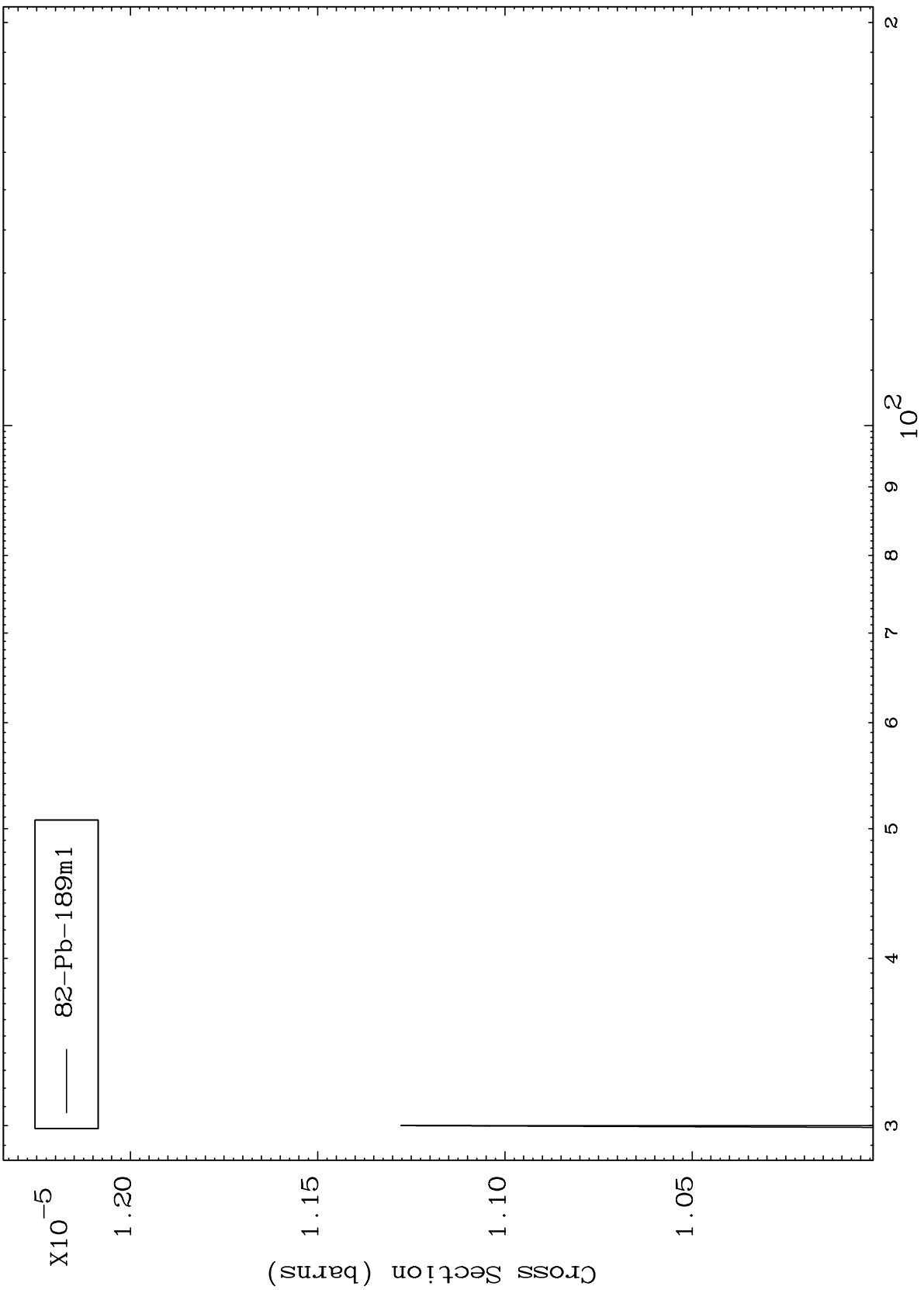
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(n,4n)
Radionuclide Production Cross Section



66

Incident Energy (MeV)

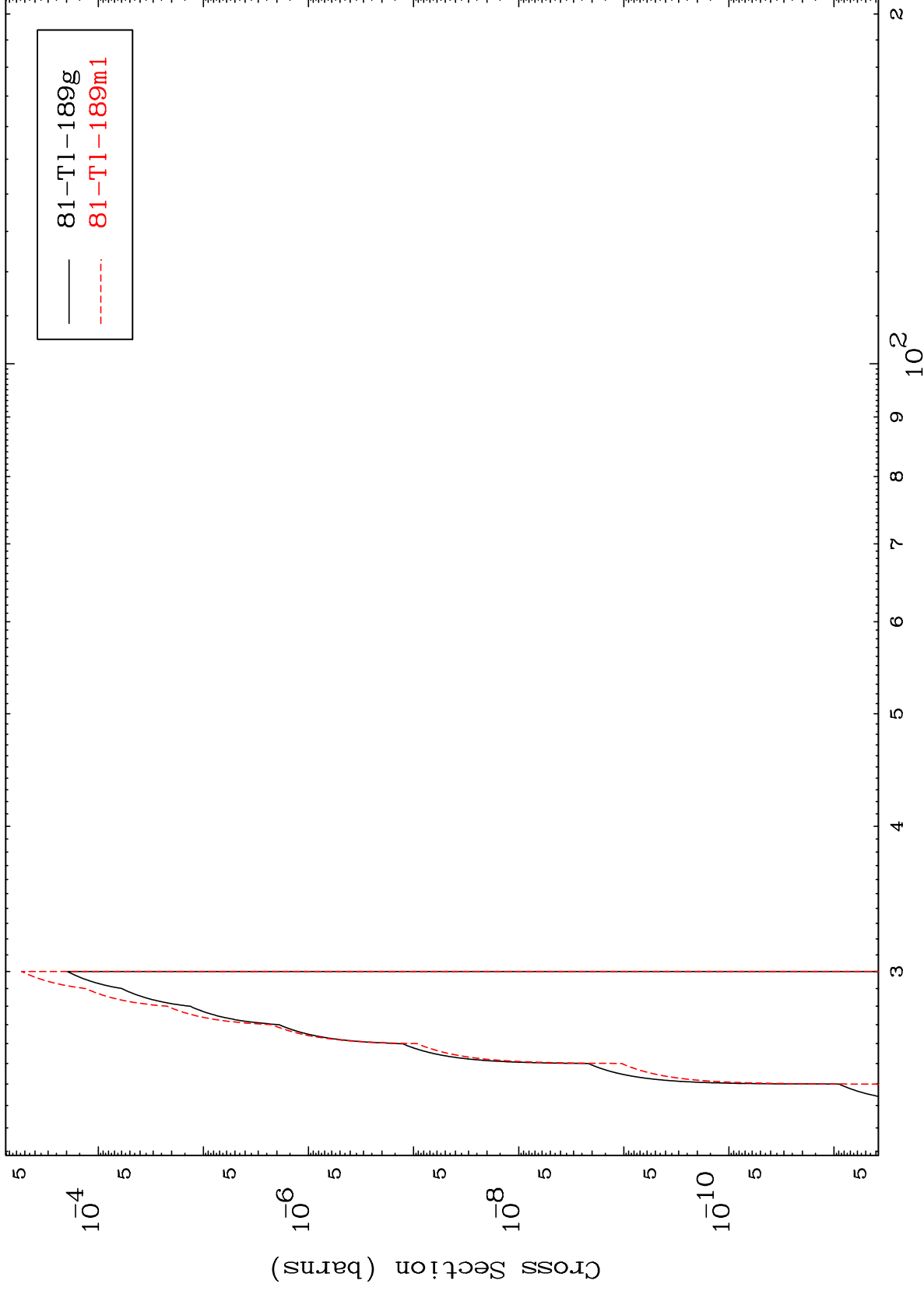
82-Pb-192

MAT 8189

(n,3n) p

82-Pb-192

Radionuclide Production Cross Section



67

Incident Energy (MeV)

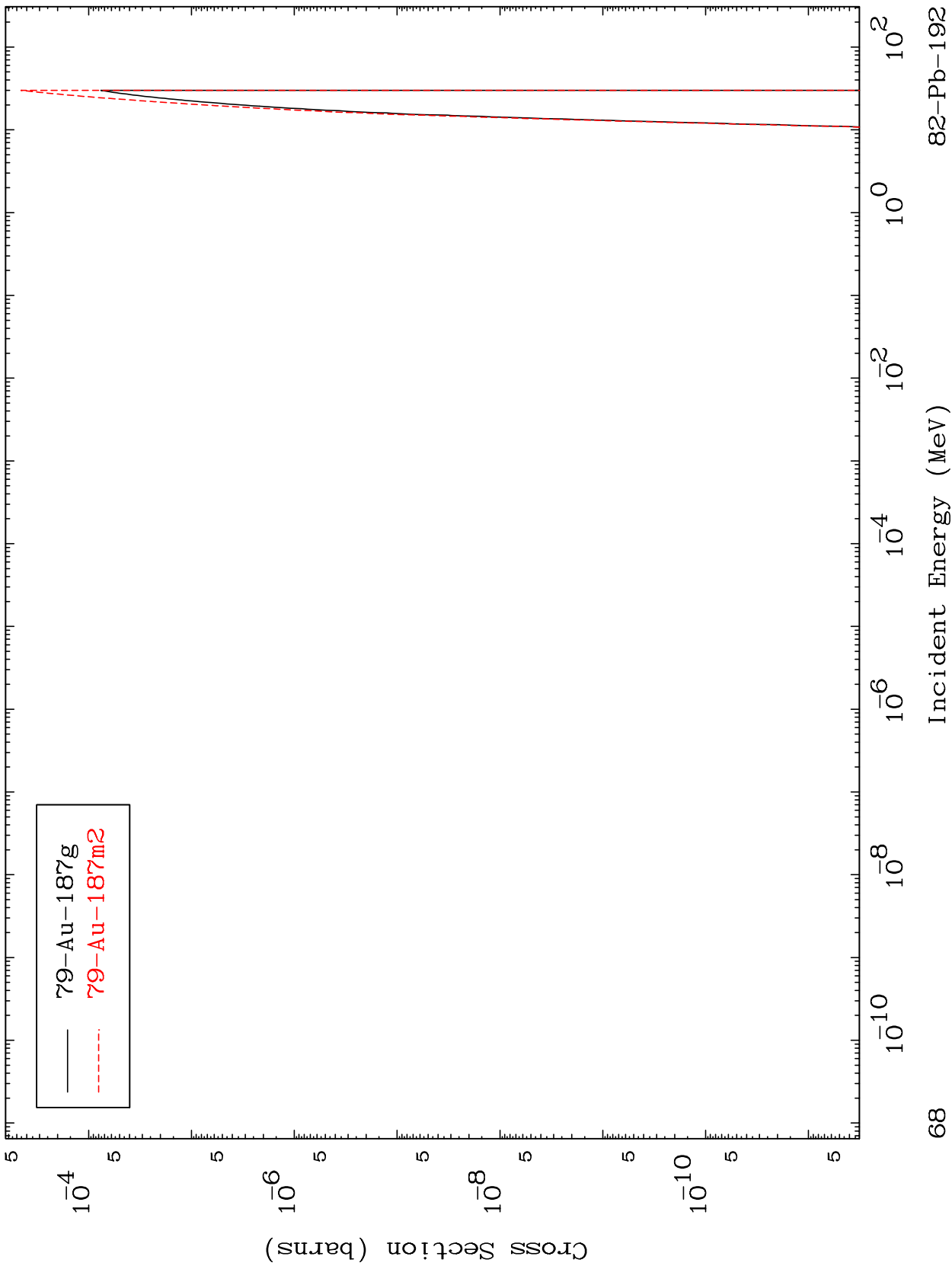
82-Pb-192

MAT 8189

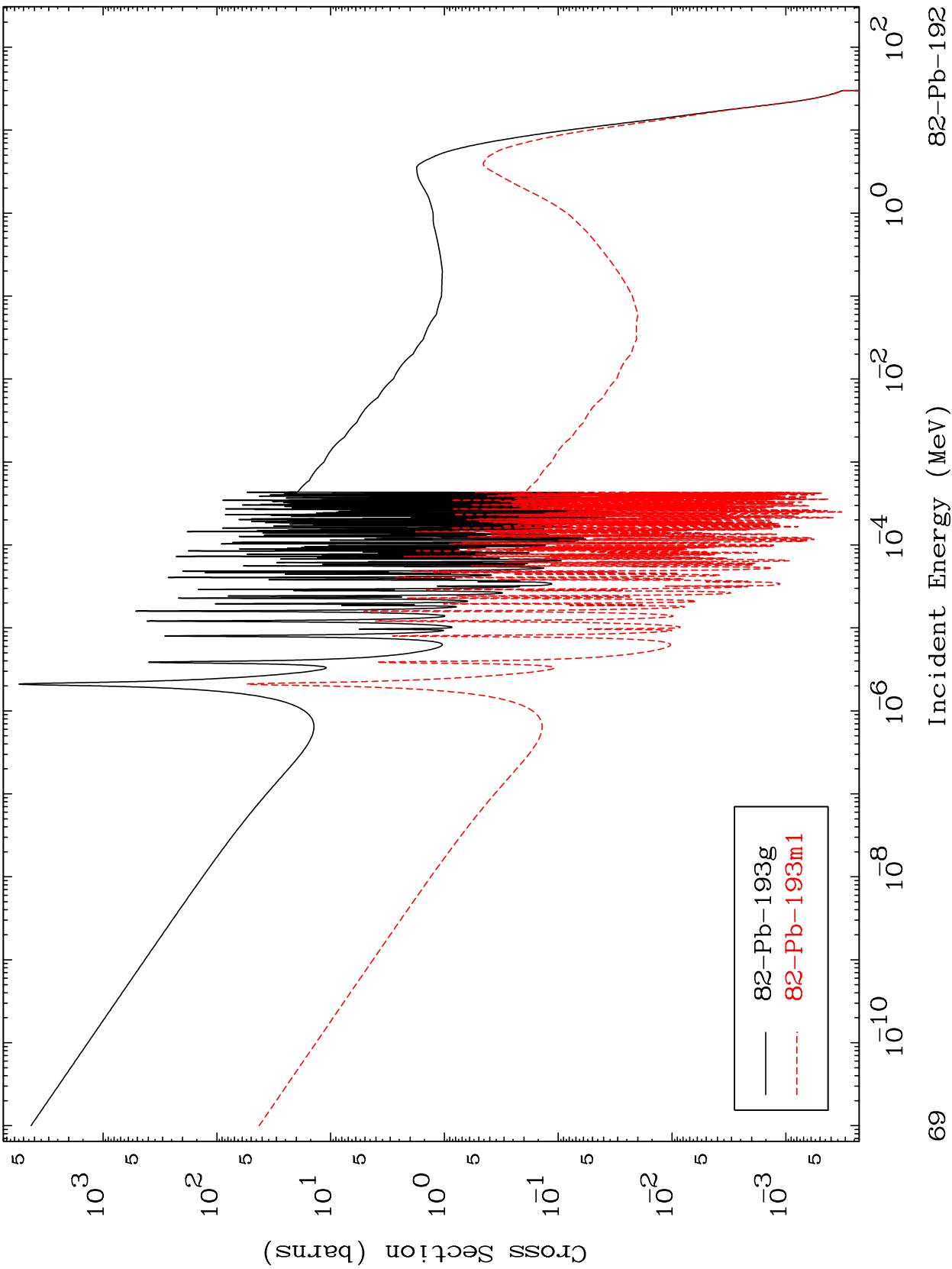
(n,n') p α

82-Pb-192

Radionuclide Production Cross Section



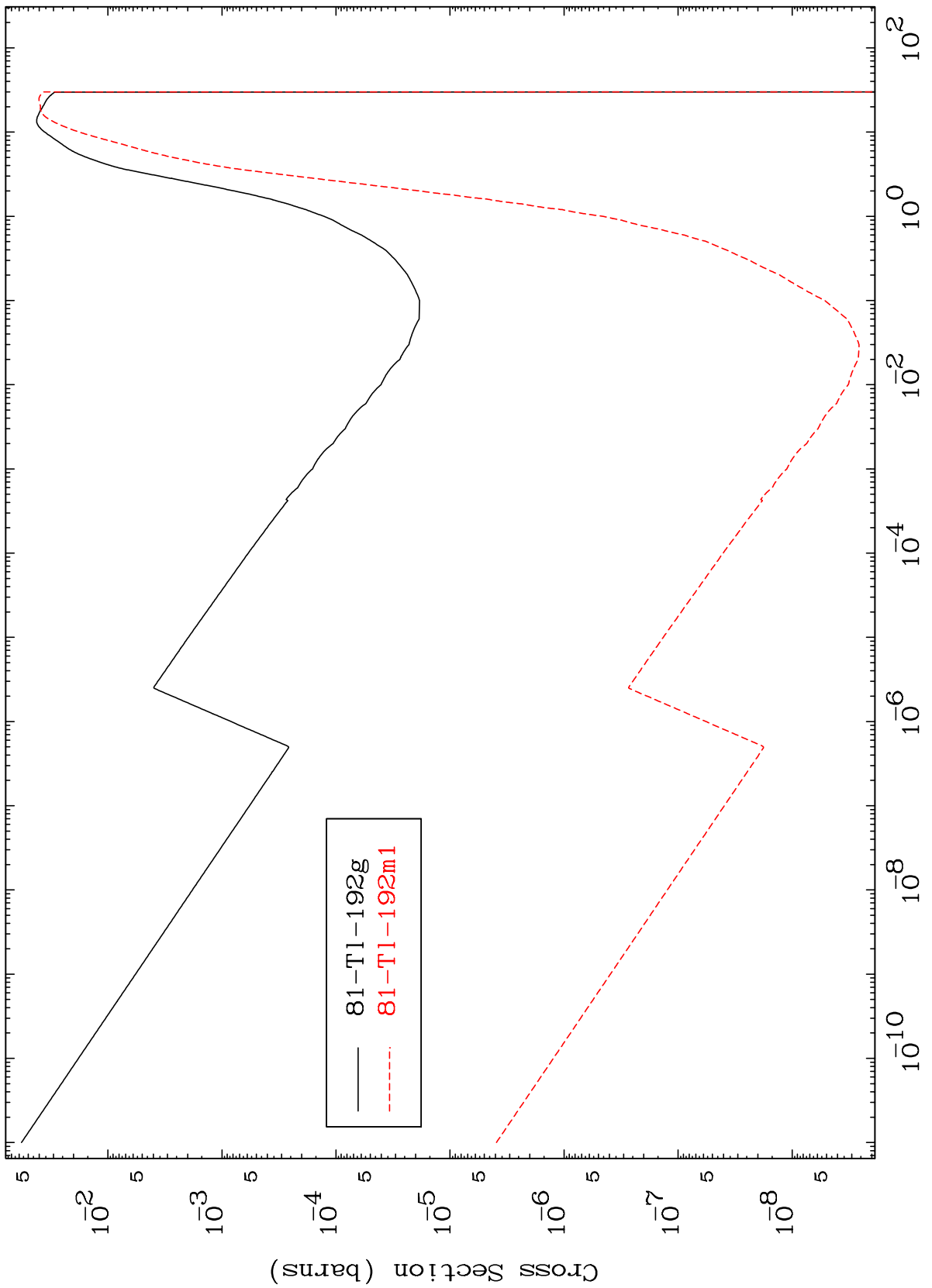
(n,γ)
Radionuclide Production Cross Section



MAT 8189

82-Pb-192

(n,p)
Radionuclide Production Cross Section



70

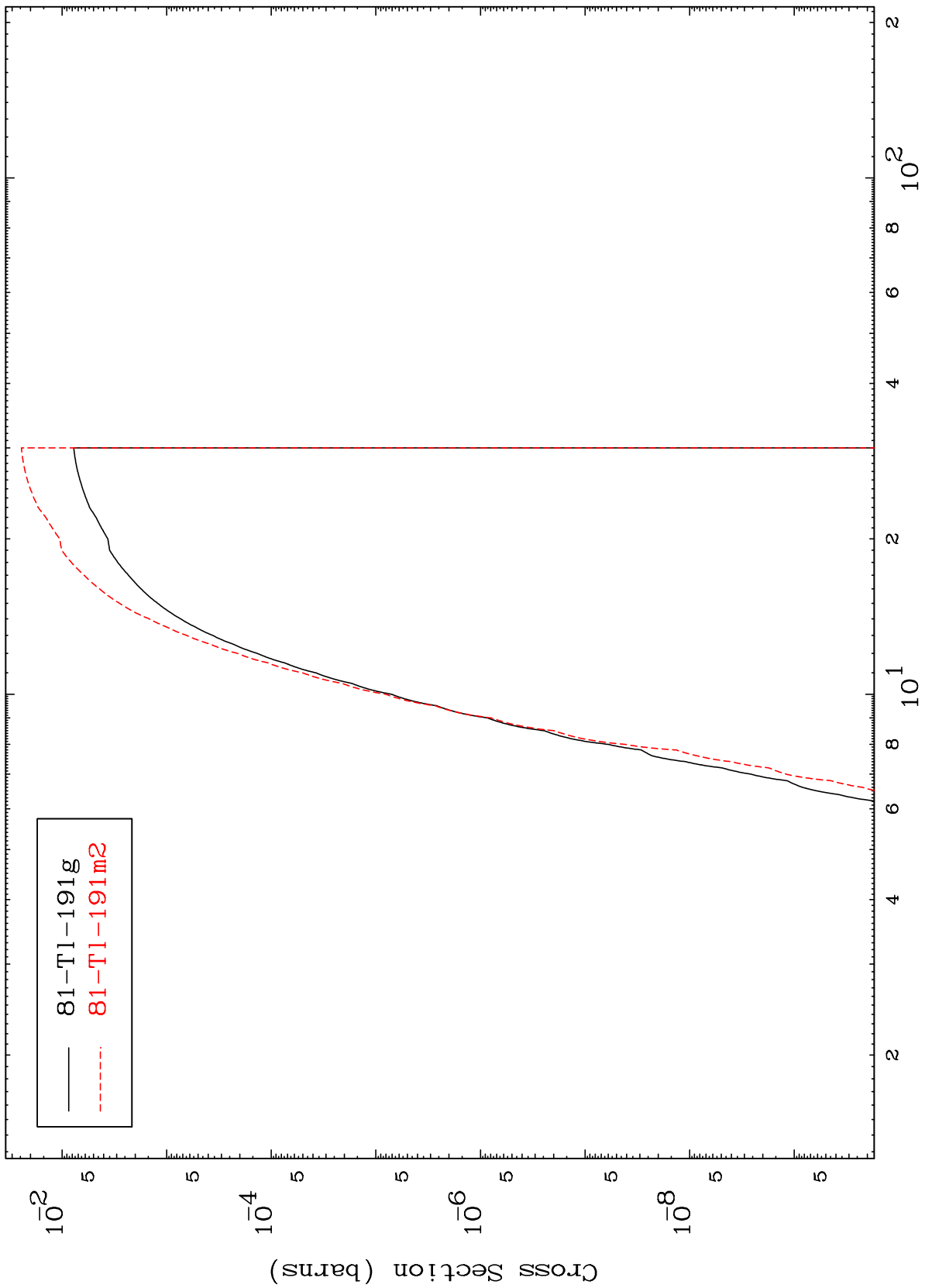
82-Pb-192

MAT 8189

(n,d)

82-Pb-192

Radionuclide Production Cross Section



71

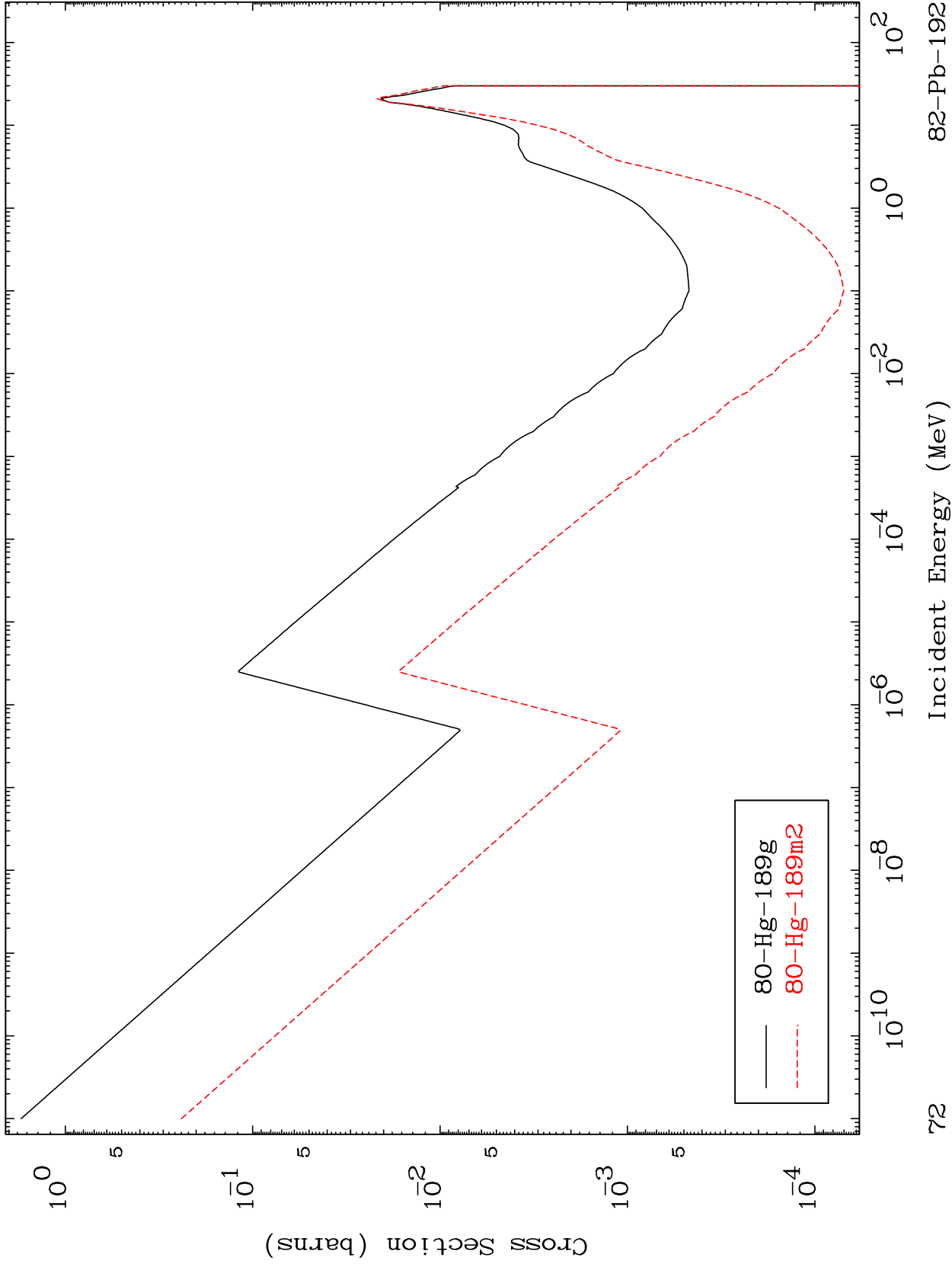
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(n, α)
Radionuclide Production Cross Section

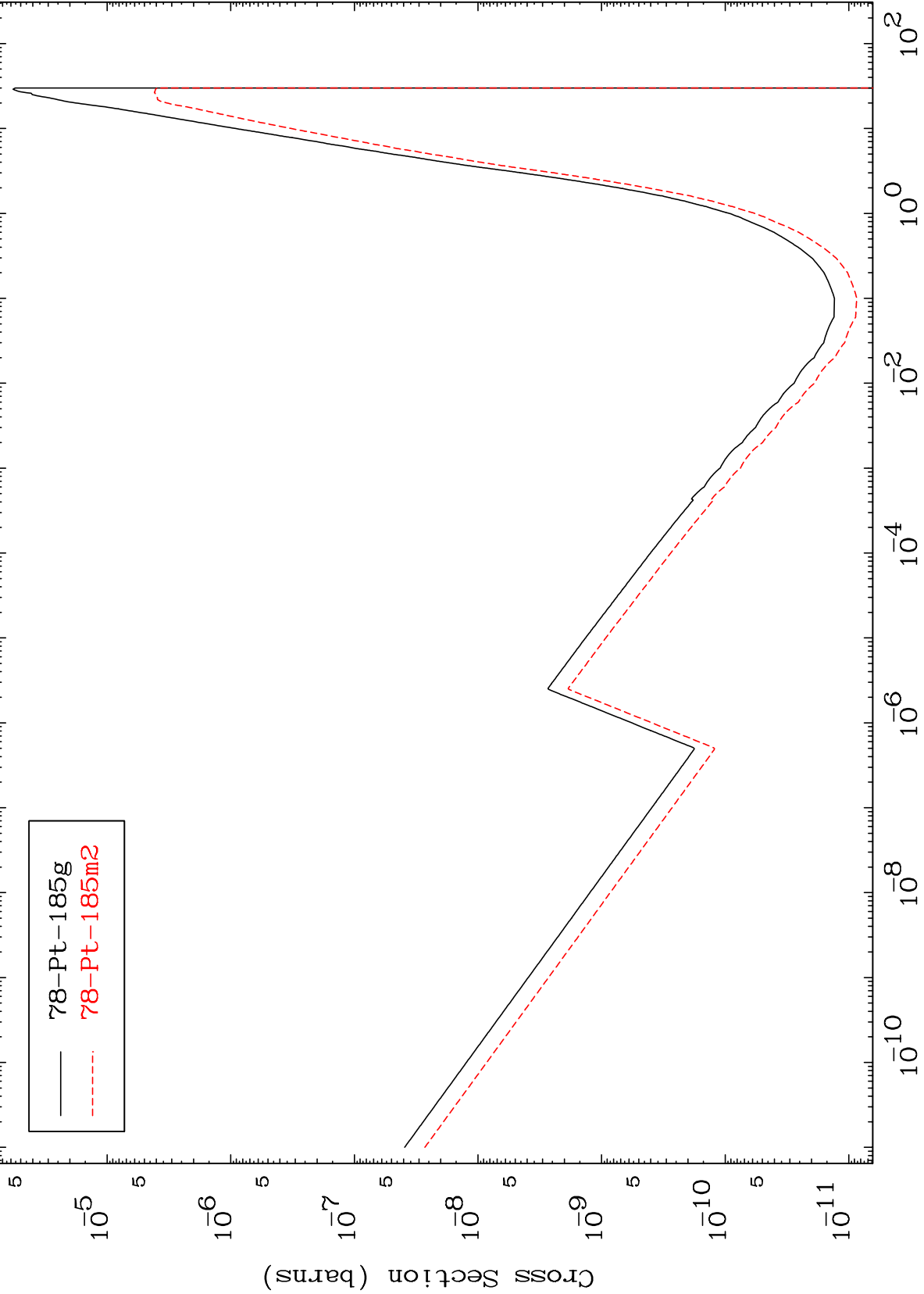


MAT 8189

(n,2α)

82-Pb-192

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

73

Incident Energy (MeV)

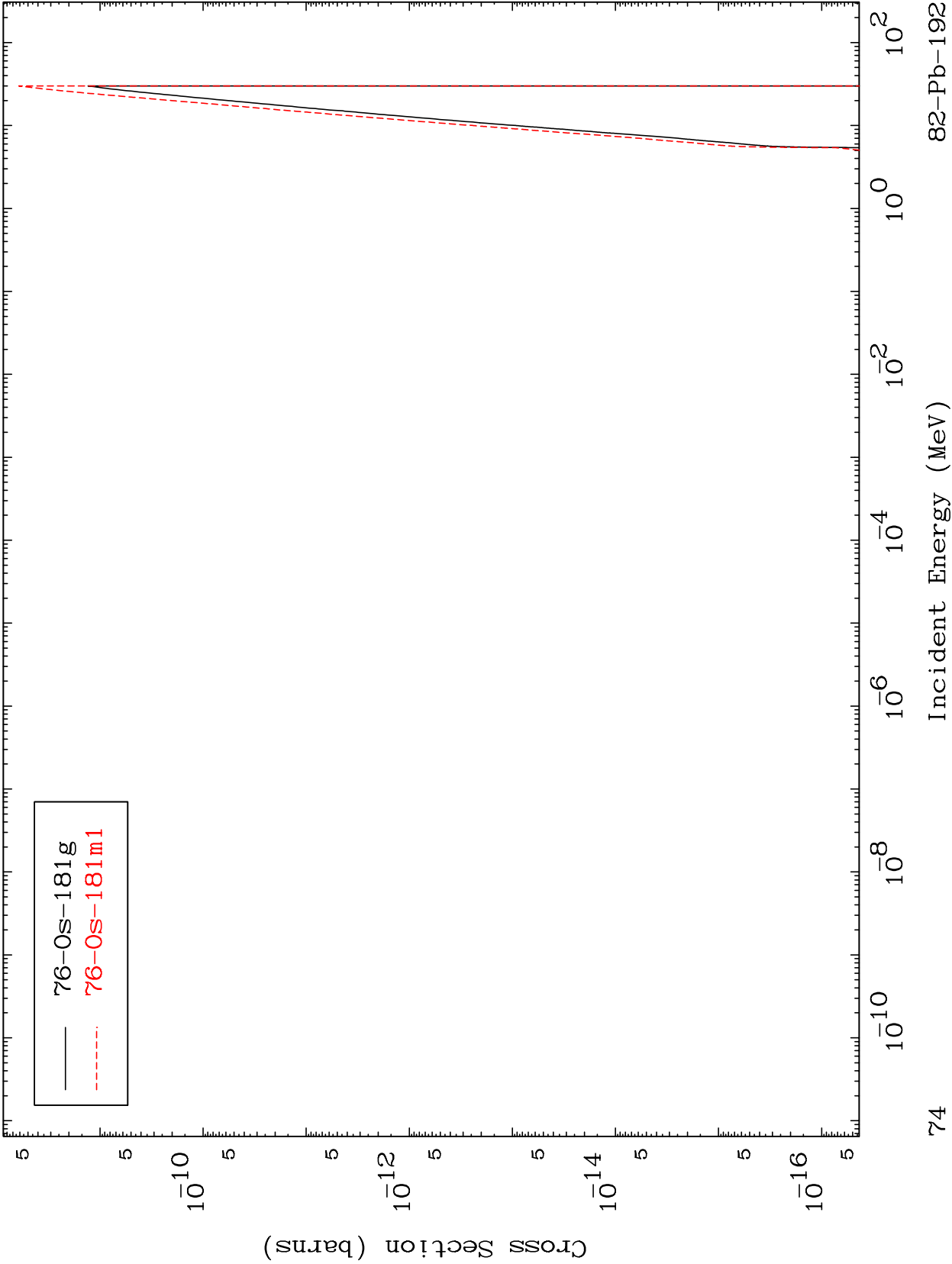
82-Pb-192

MAT 8189

(n, 3α)

82-Pb-192

Radionuclide Production Cross Section



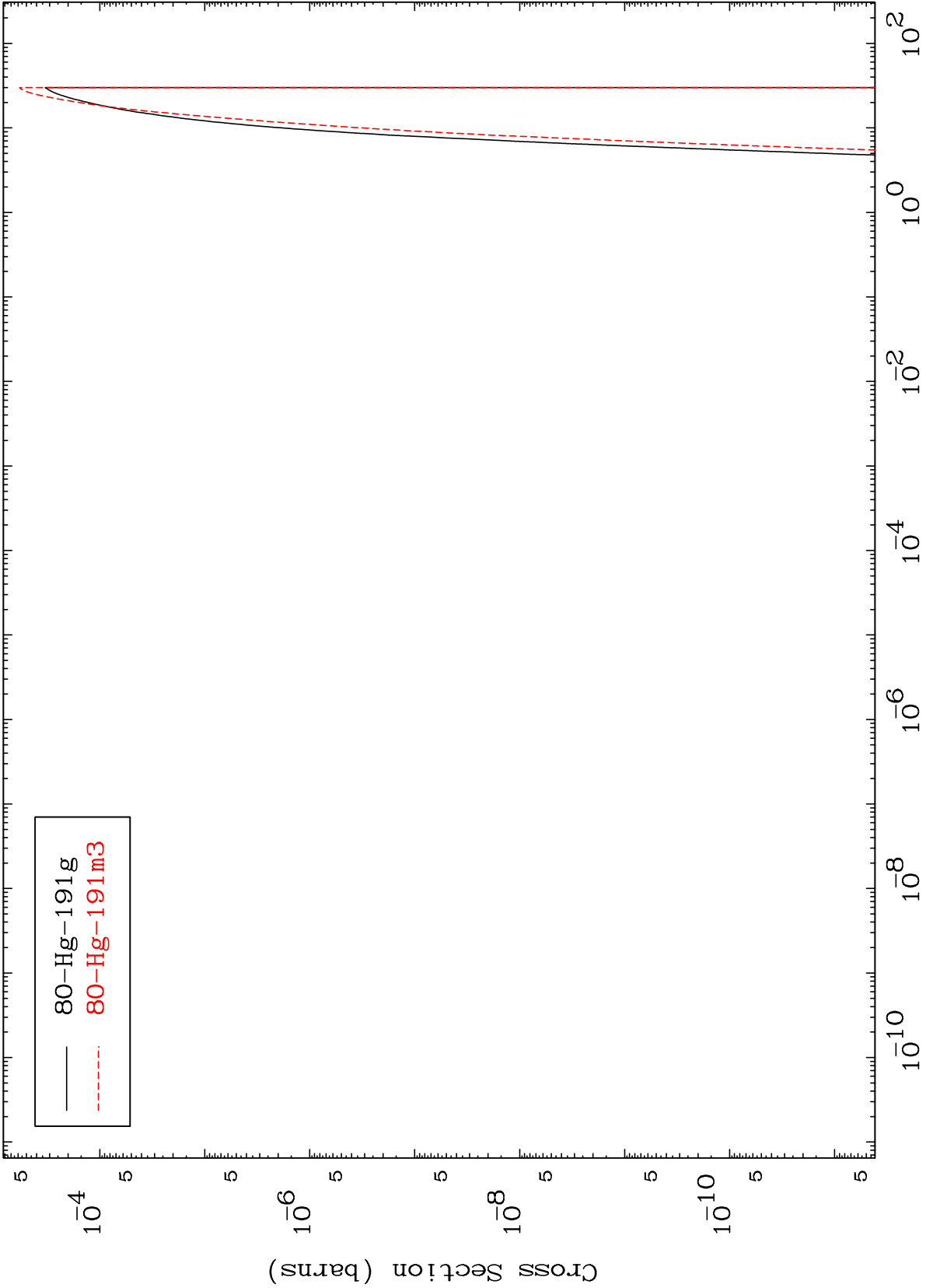
— 76-Os-181g
- - - 76-Os-181m1

MAT 8189

(n,2p)

82-Pb-192

Radionuclide Production Cross Section



75

Incident Energy (MeV)

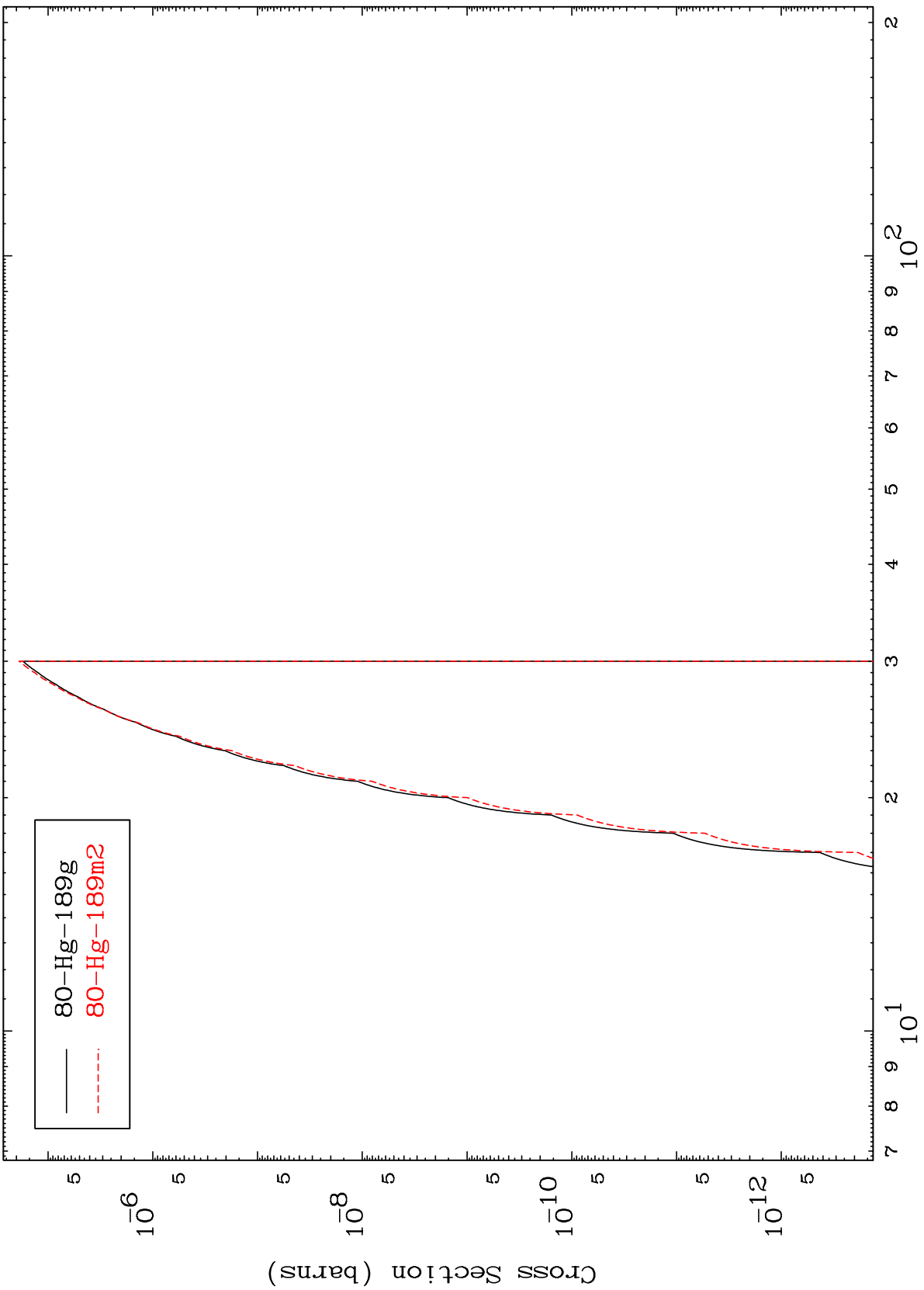
82-Pb-192

MAT 8189

(n,p) t

82-Pb-192

Radionuclide Production Cross Section



76

Incident Energy (MeV)

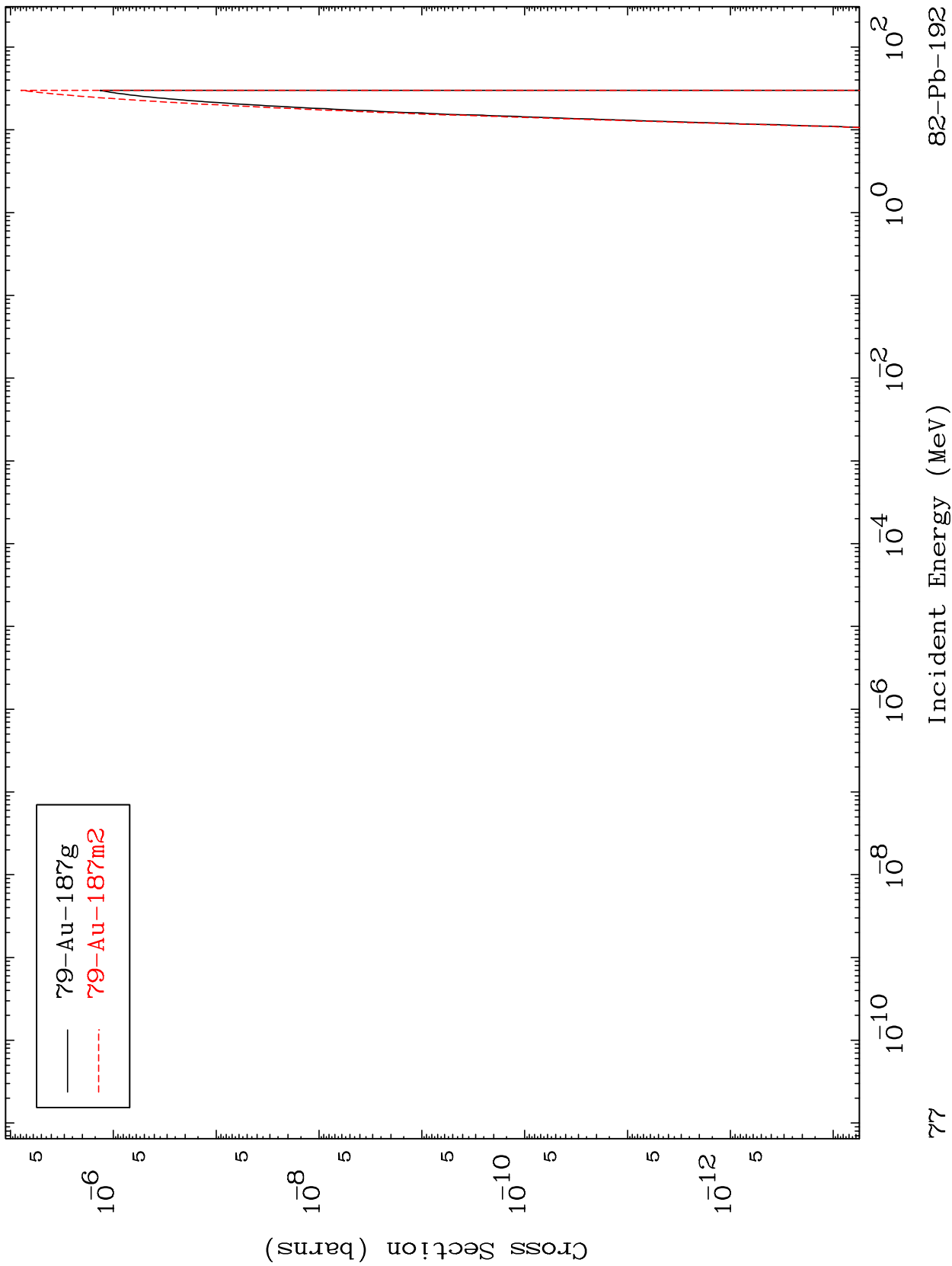
82-Pb-192

MAT 8189

(n,d) α

82-Pb-192

Radionuclide Production Cross Section



77

Incident Energy (MeV)

82-Pb-192