

Program EVALPLOT
(Version 2018-1)

by

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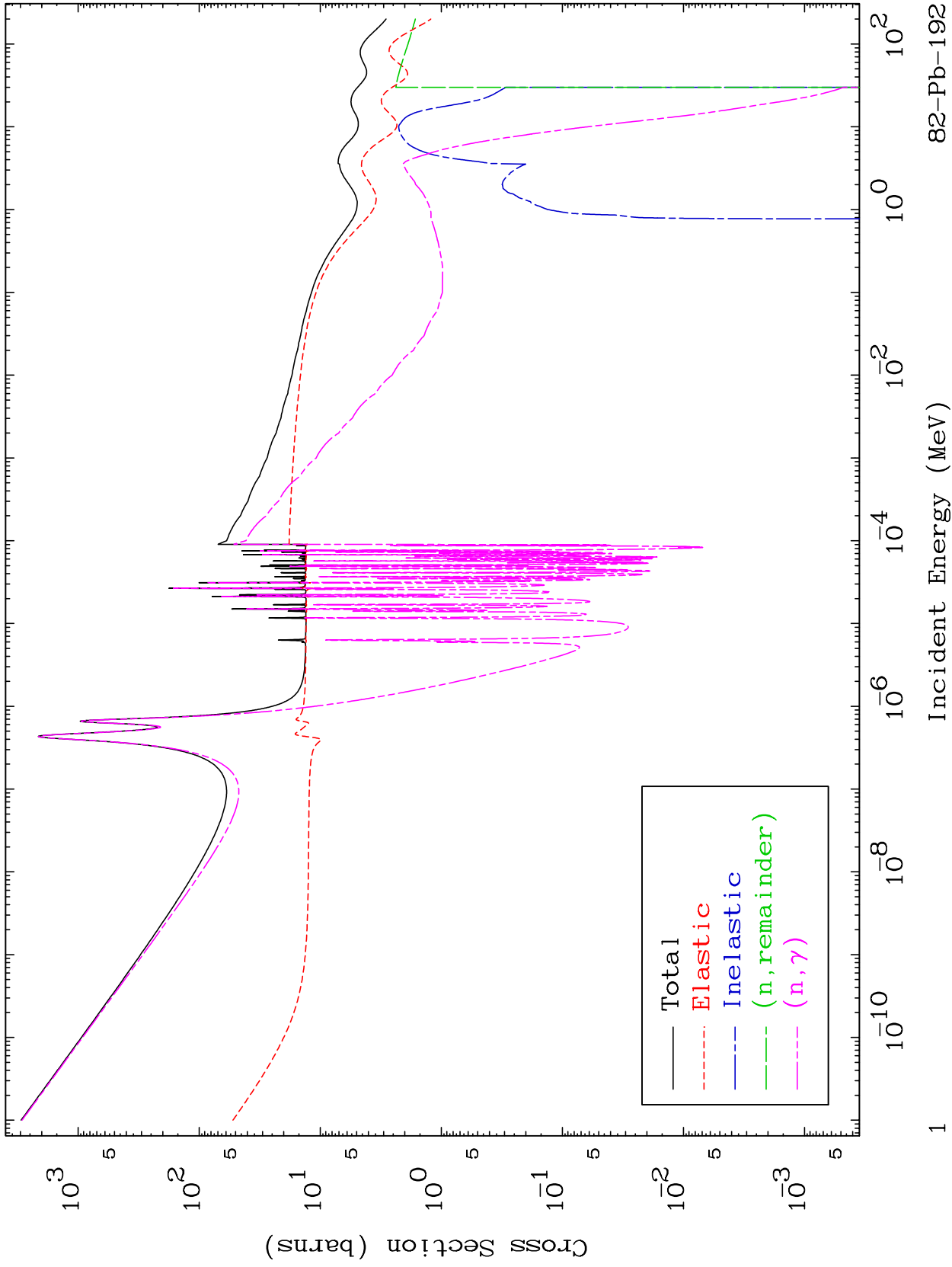
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8189

Major
293 Kelvin Cross Sections

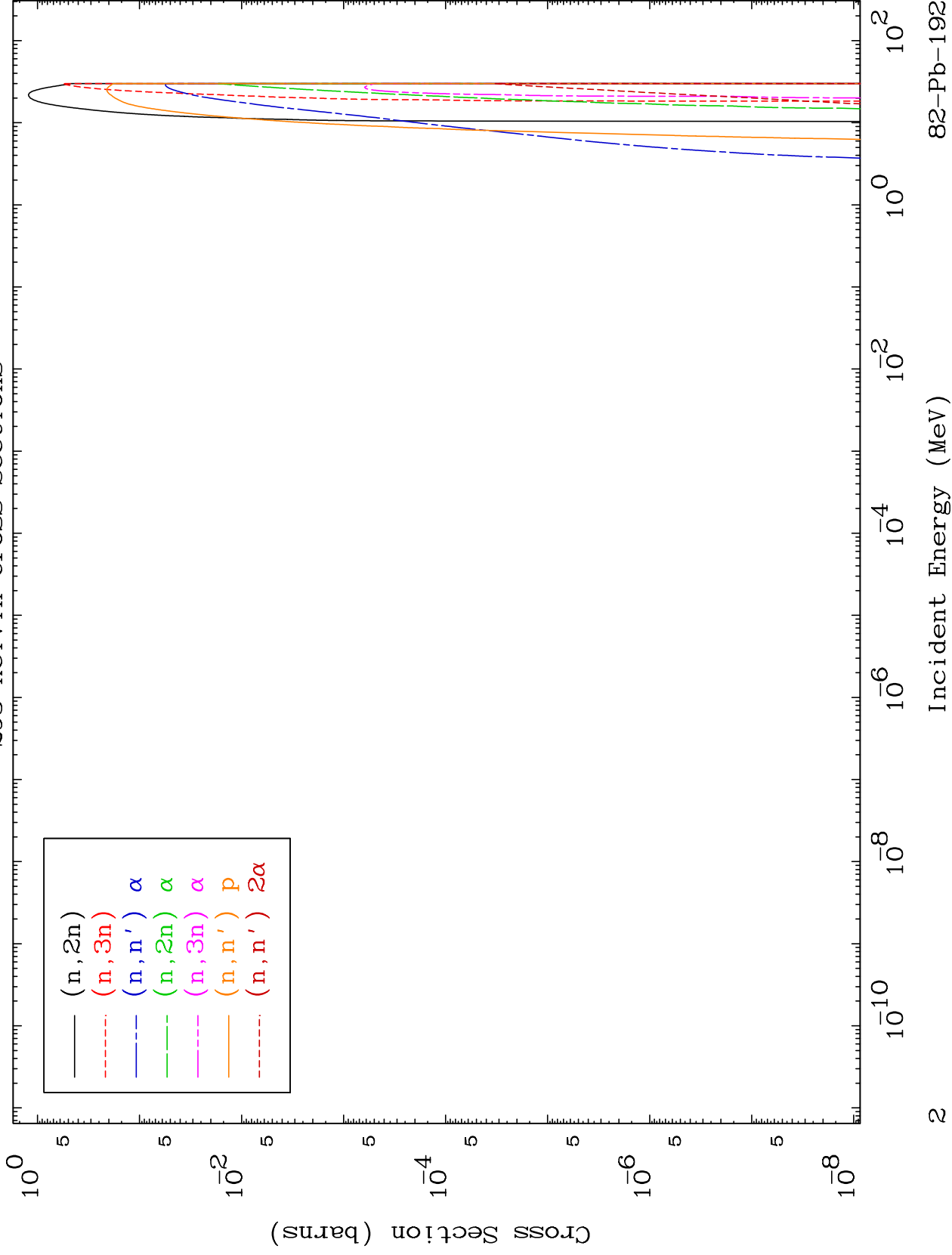
82-Pb-192



MAT 8189

Neutron Production
293 Kelvin Cross Sections

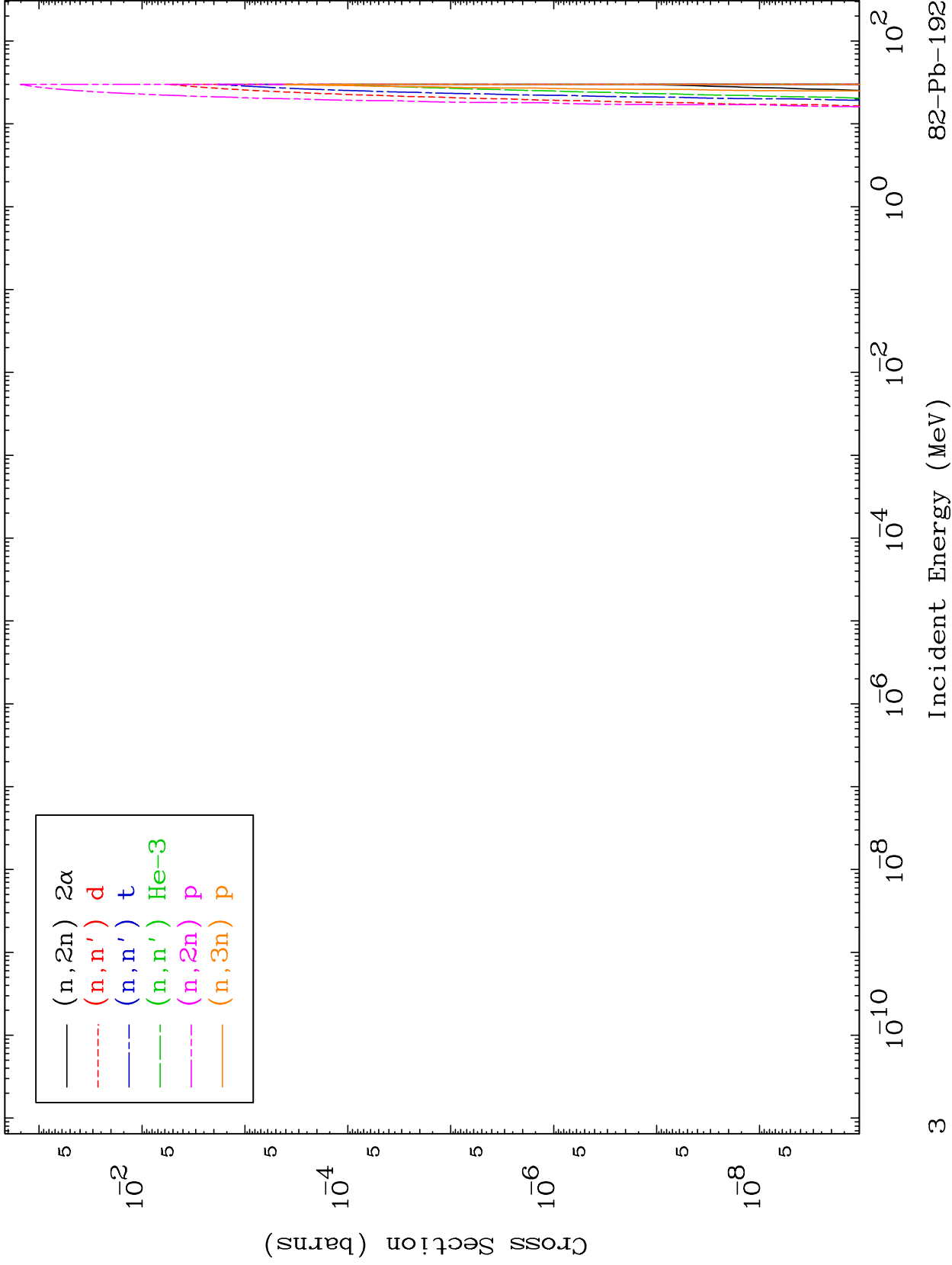
82-Pb-192



MAT 8189

Neutron Production
293 Kelvin Cross Sections

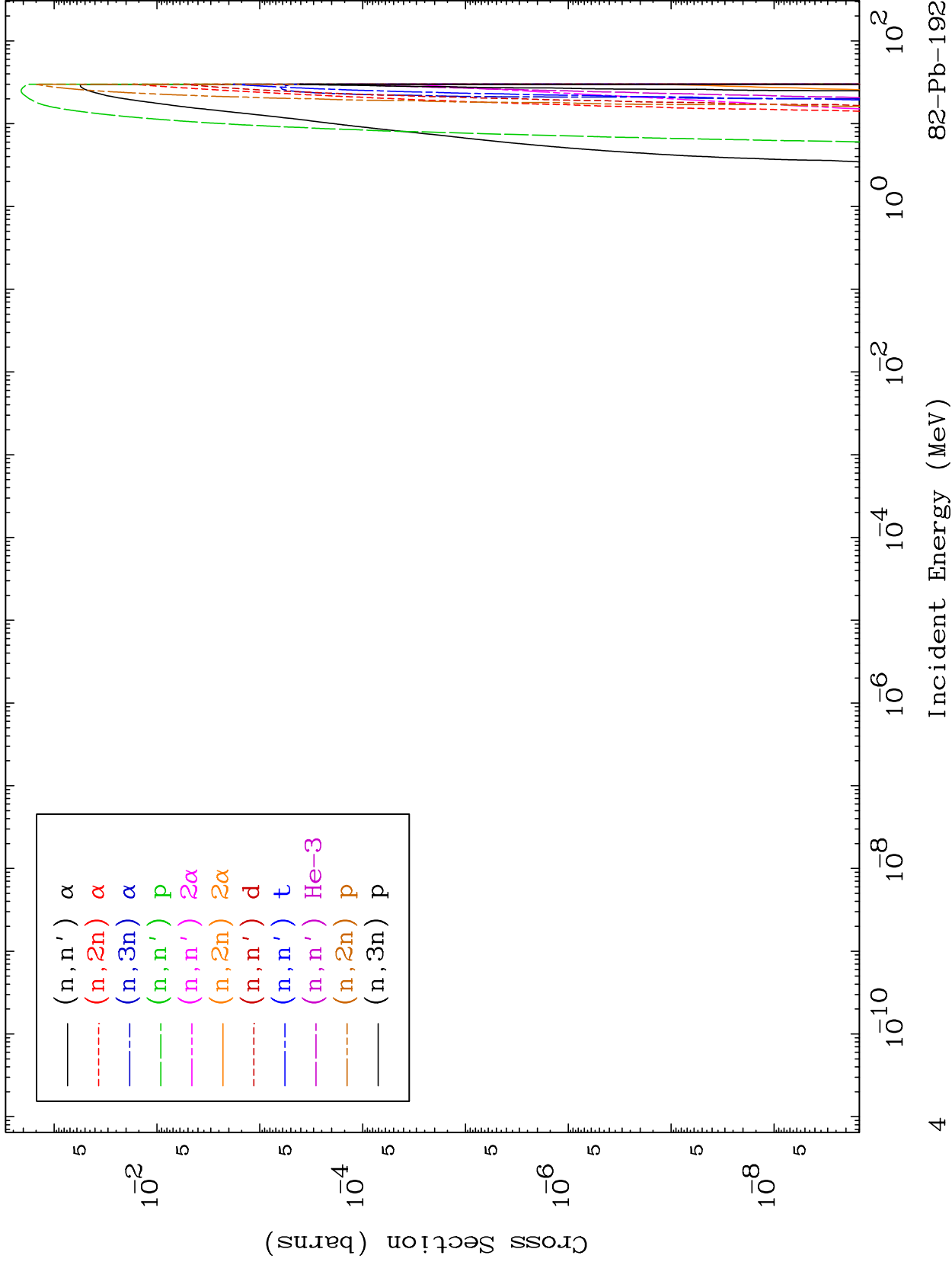
82-Pb-192



MAT 8189

Charged Particle
293 Kelvin Cross Sections

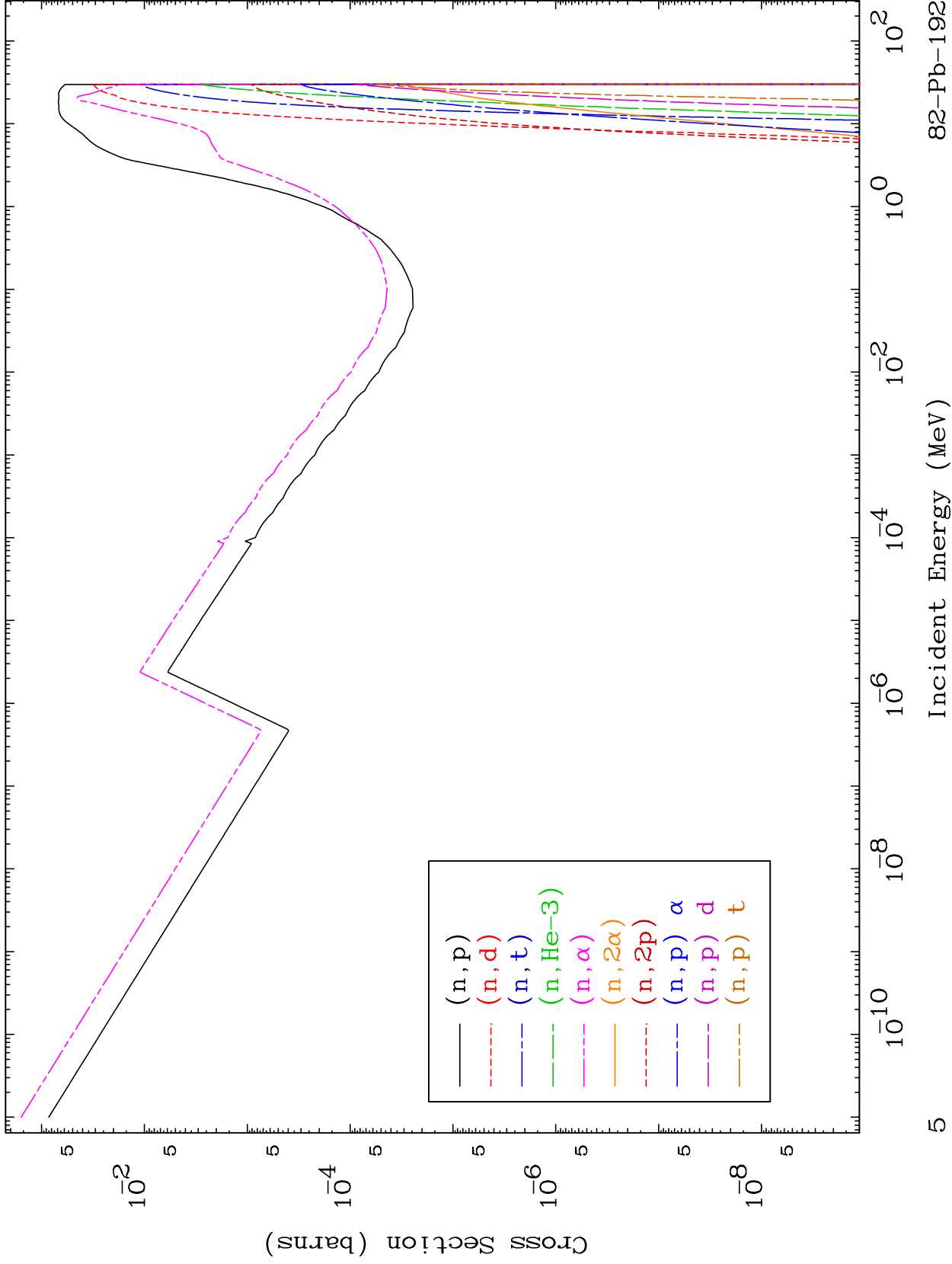
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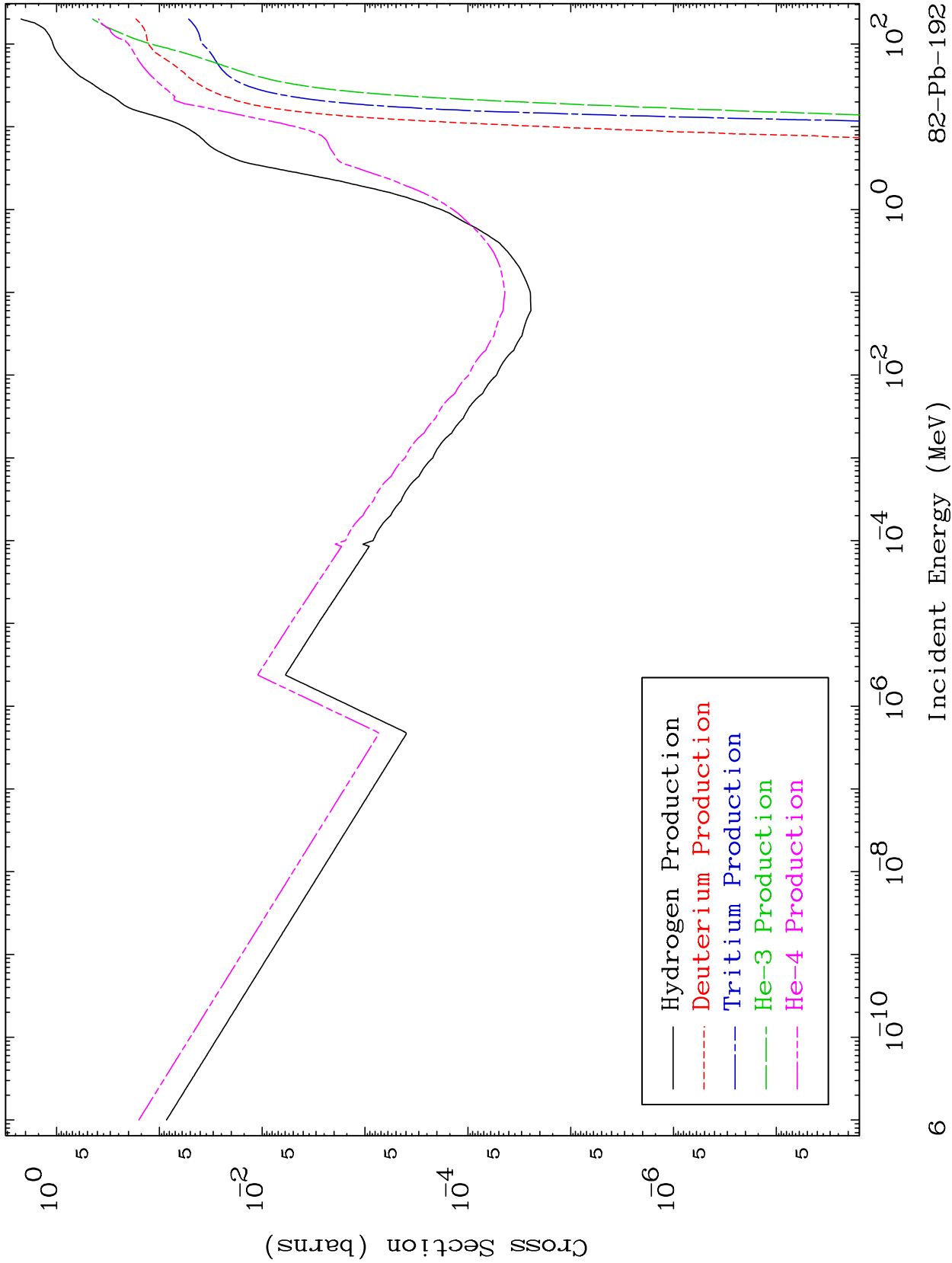


MAT 8189

Charged Particle
293 Kelvin Cross Sections

82-Pb-192



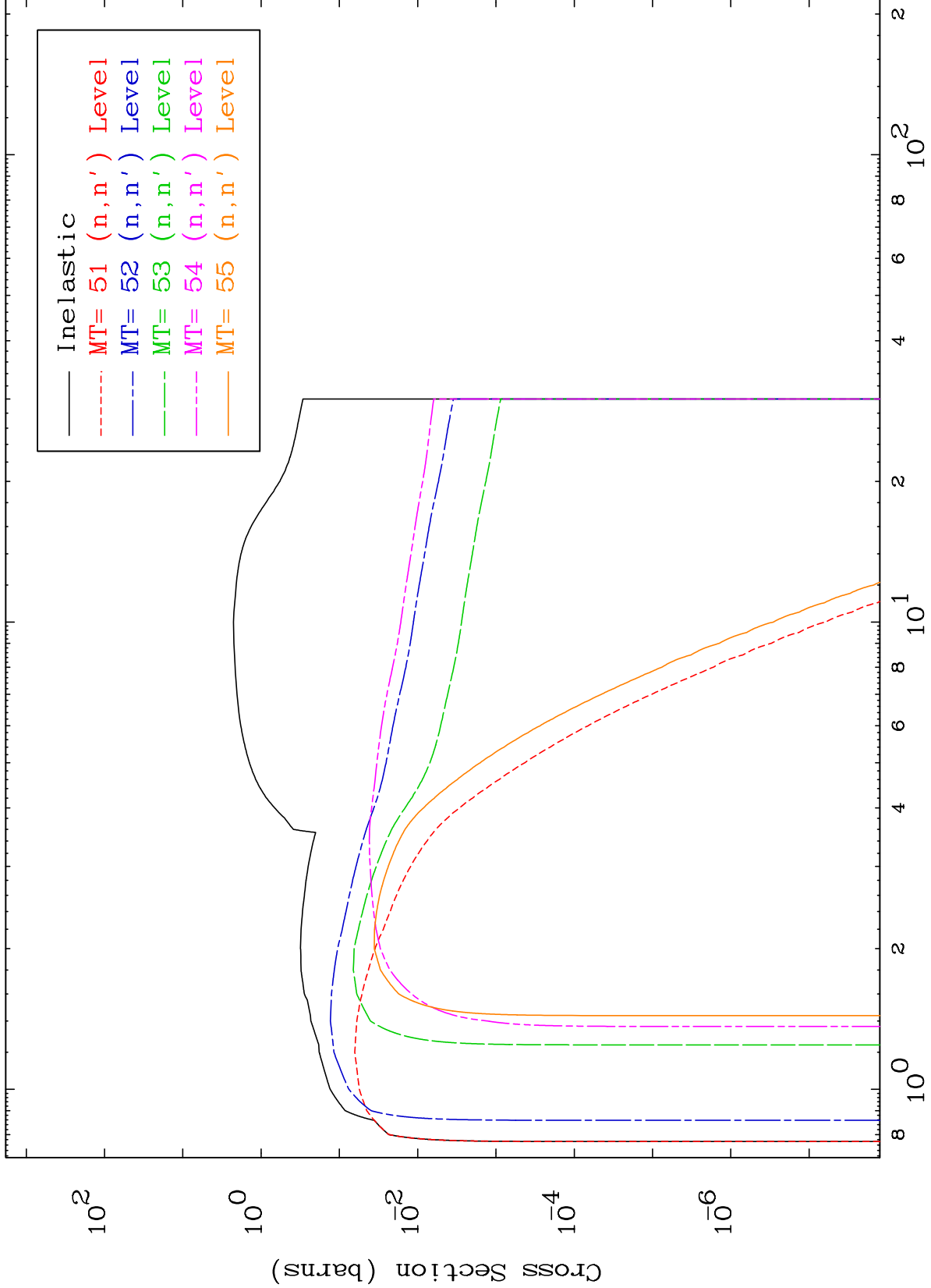


MAT 8189

(n,n') Level

82-Pb-192

293 Kelvin Cross Sections



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Incident Energy (MeV)

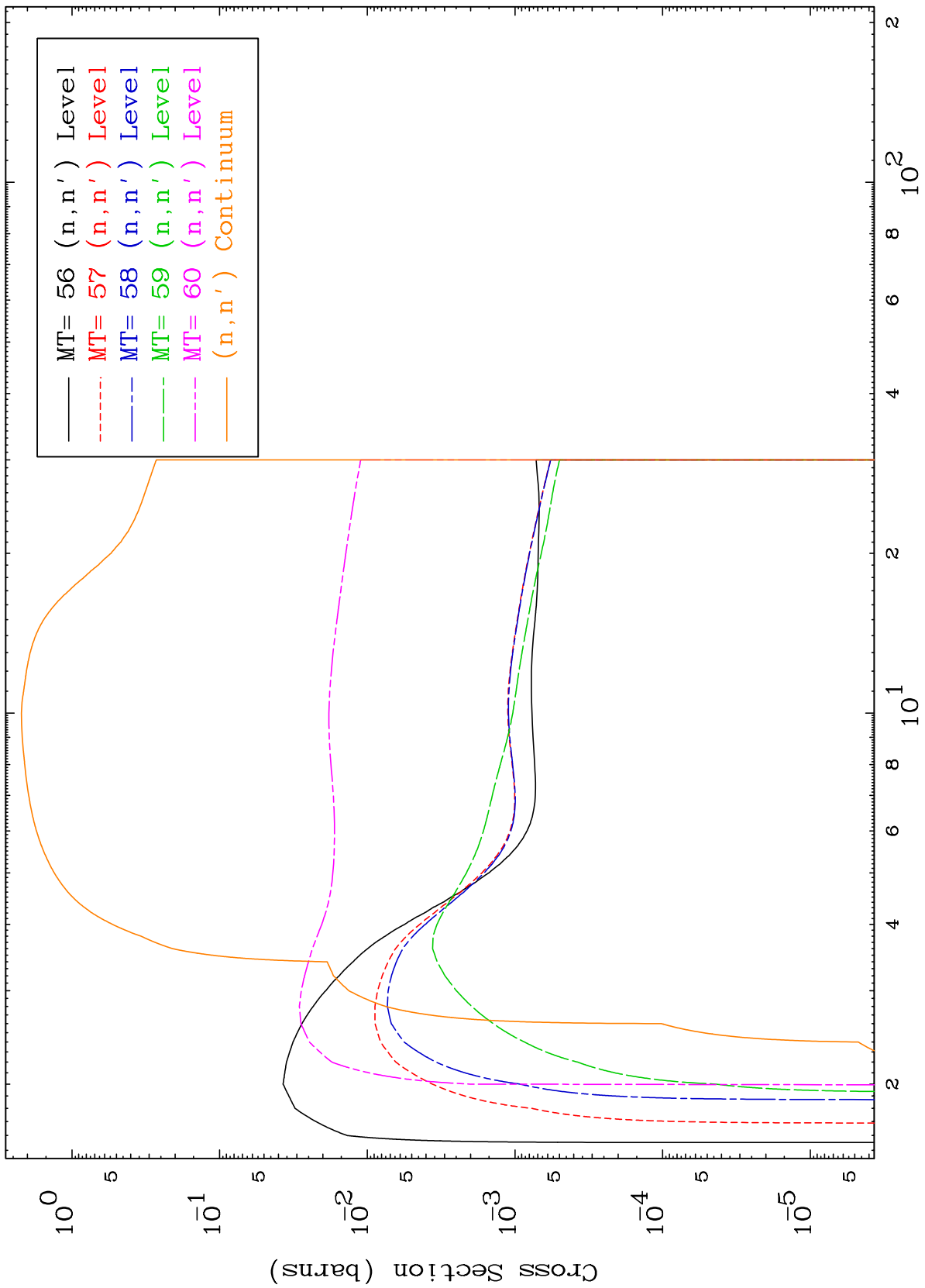
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MAT 8189

(n,n') Level

82-Pb-192

293 Kelvin Cross Sections



8

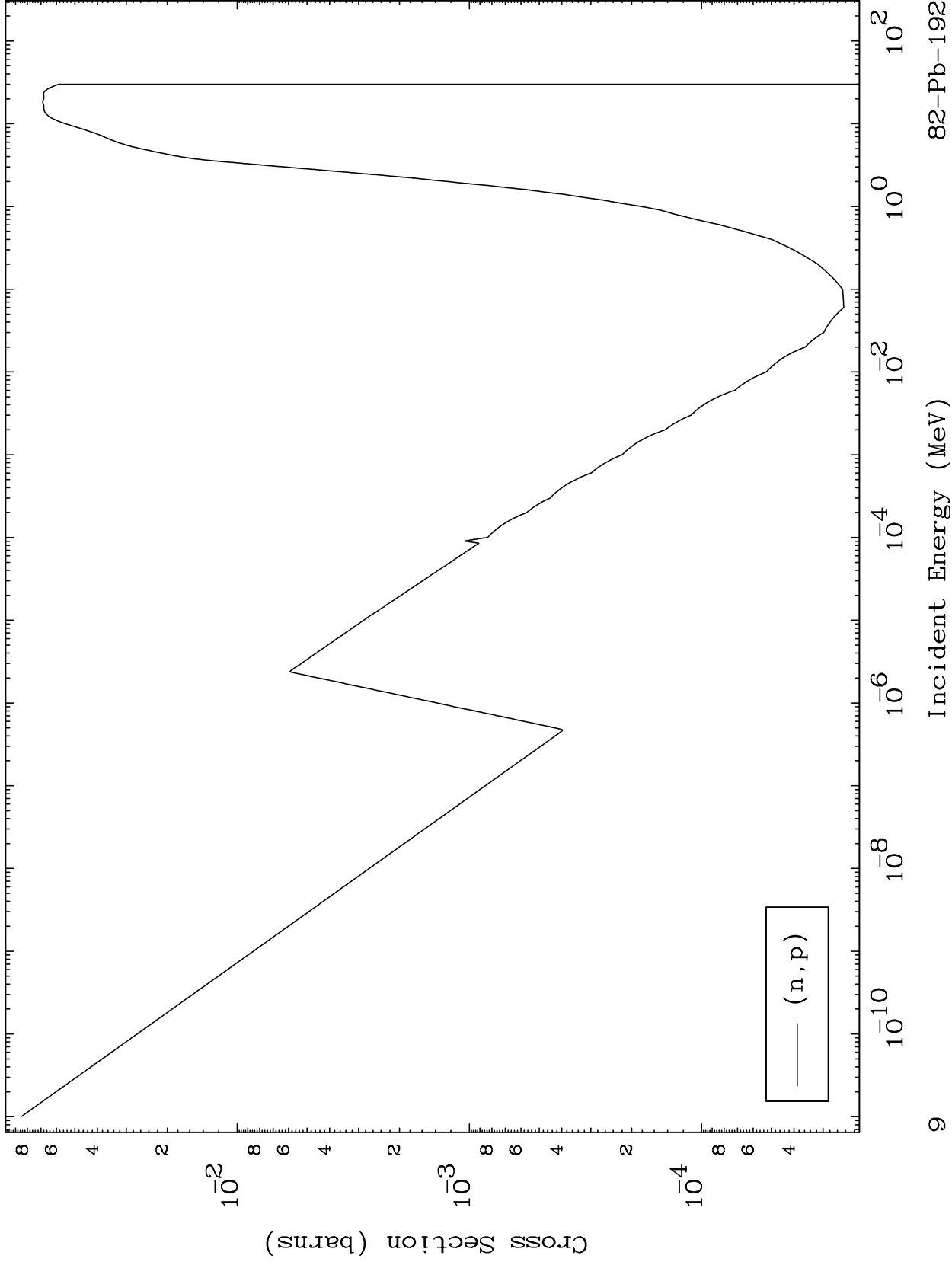
Incident Energy (MeV)

82-Pb-192

MAT 8189

(n,p) Levels
293 Kelvin Cross Sections

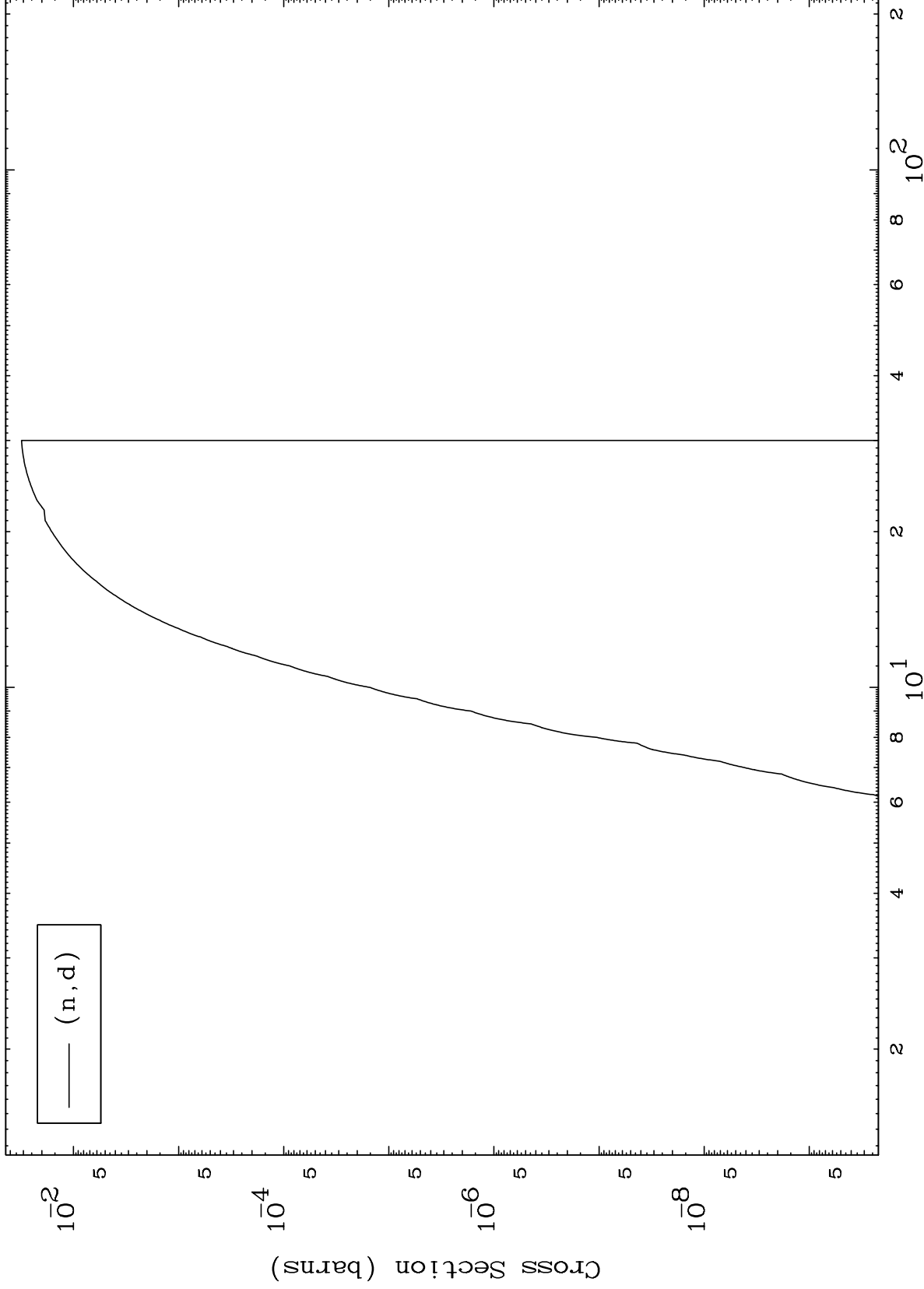
82-Pb-192



MAT 8189

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-192



10

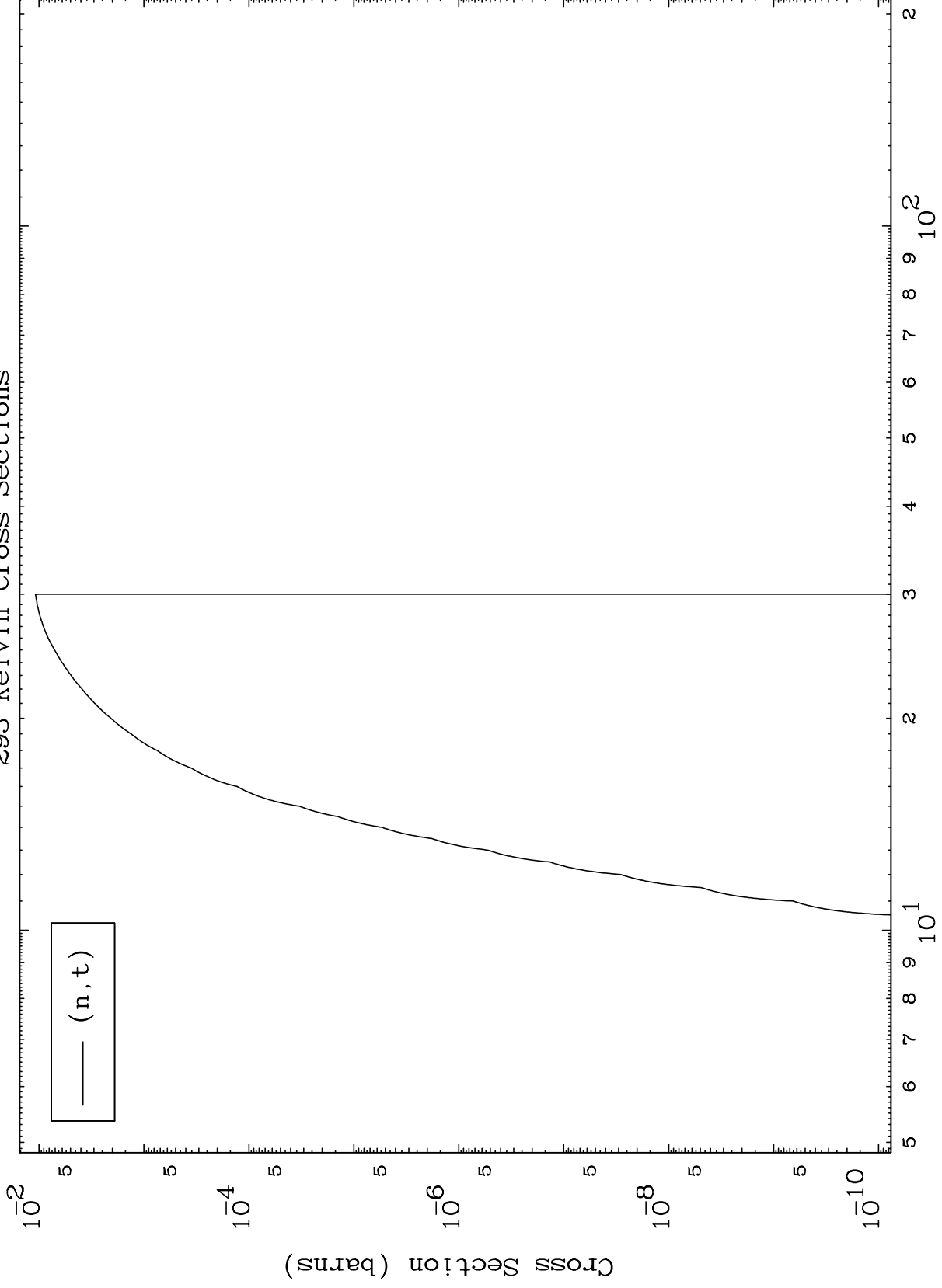
Incident Energy (MeV)

82-Pb-192

MAT 8189

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-192



11

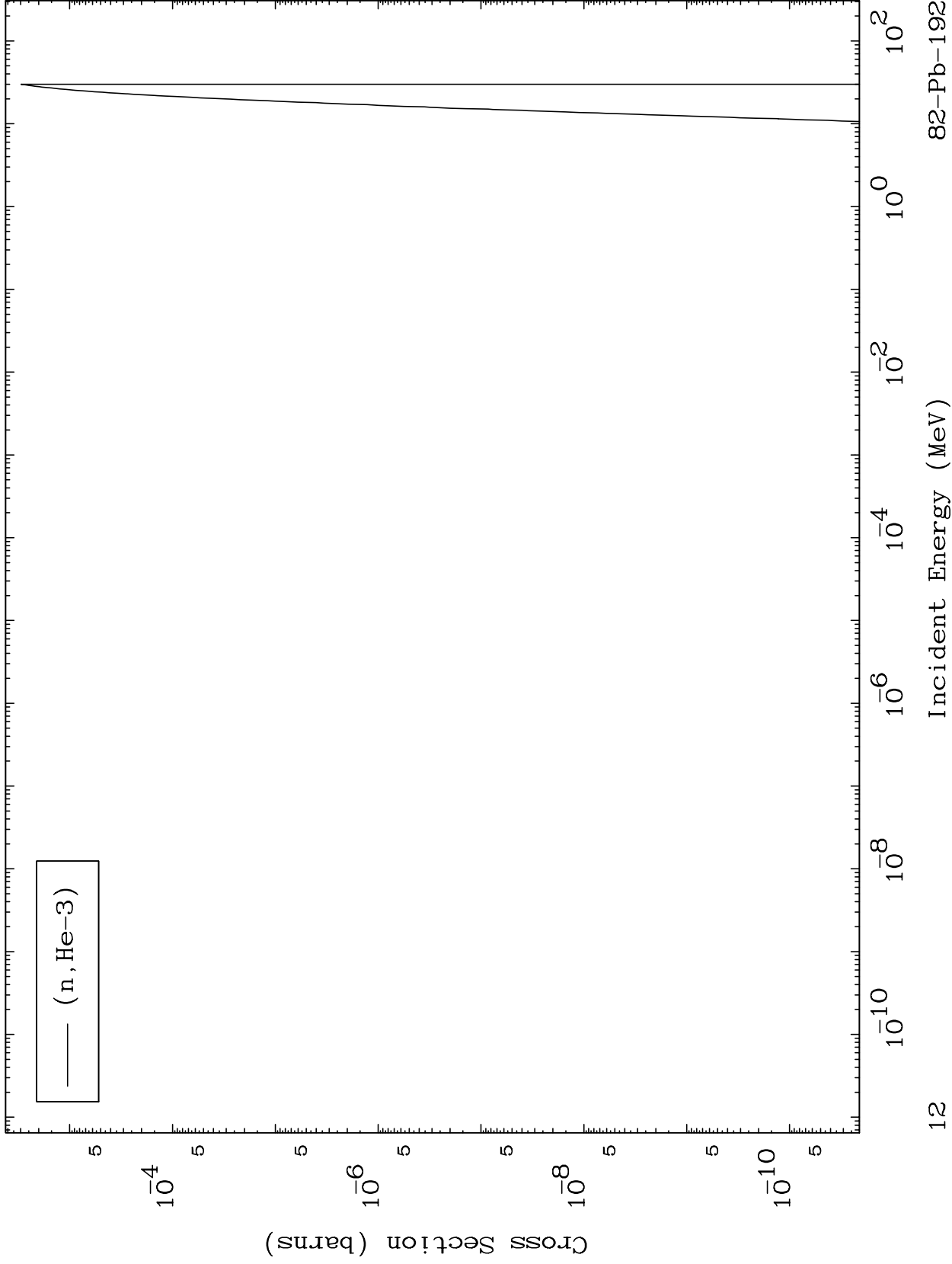
Incident Energy (MeV)

82-Pb-192

MAT 8189

(n,He3) Levels
293 Kelvin Cross Sections

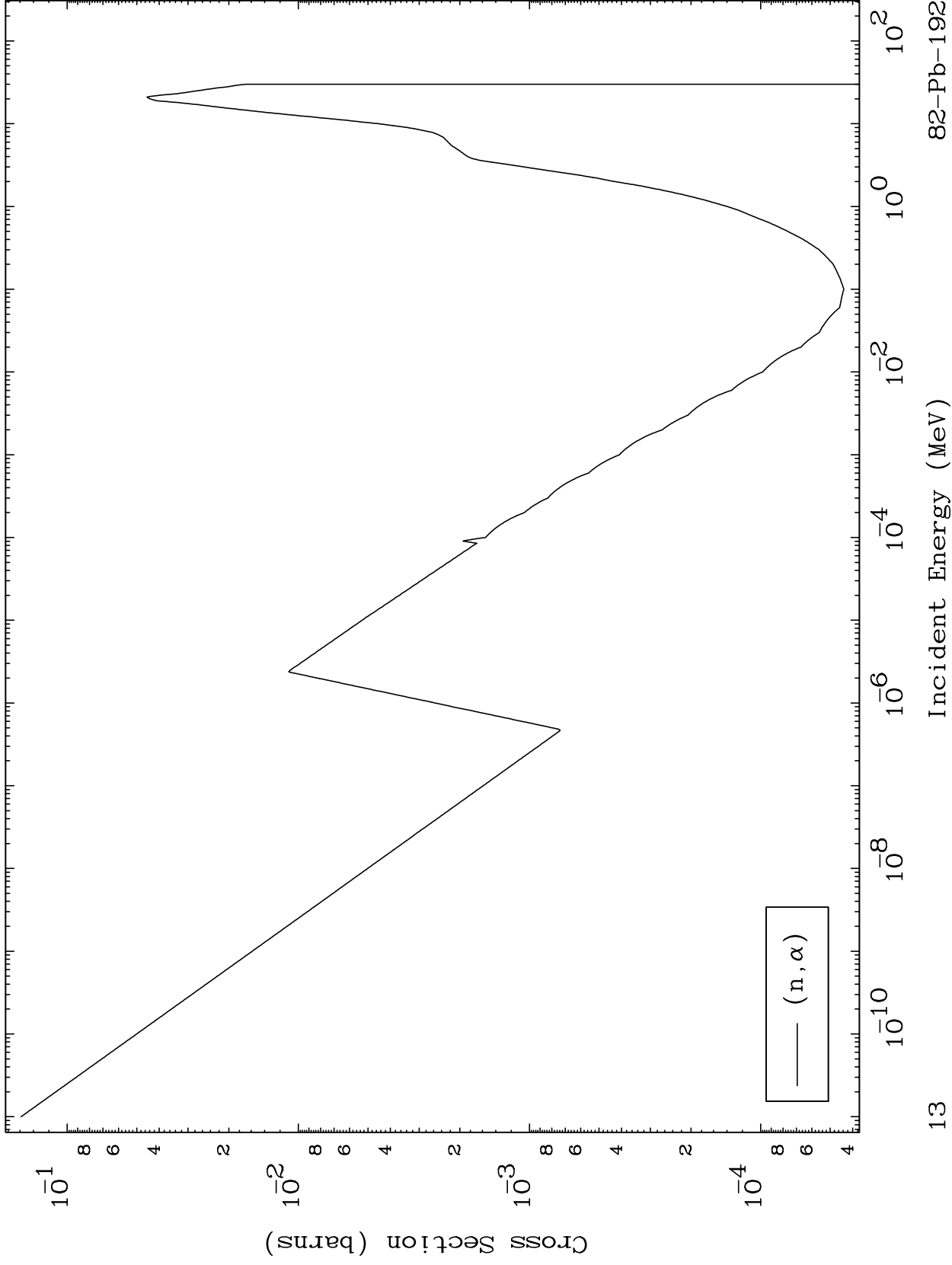
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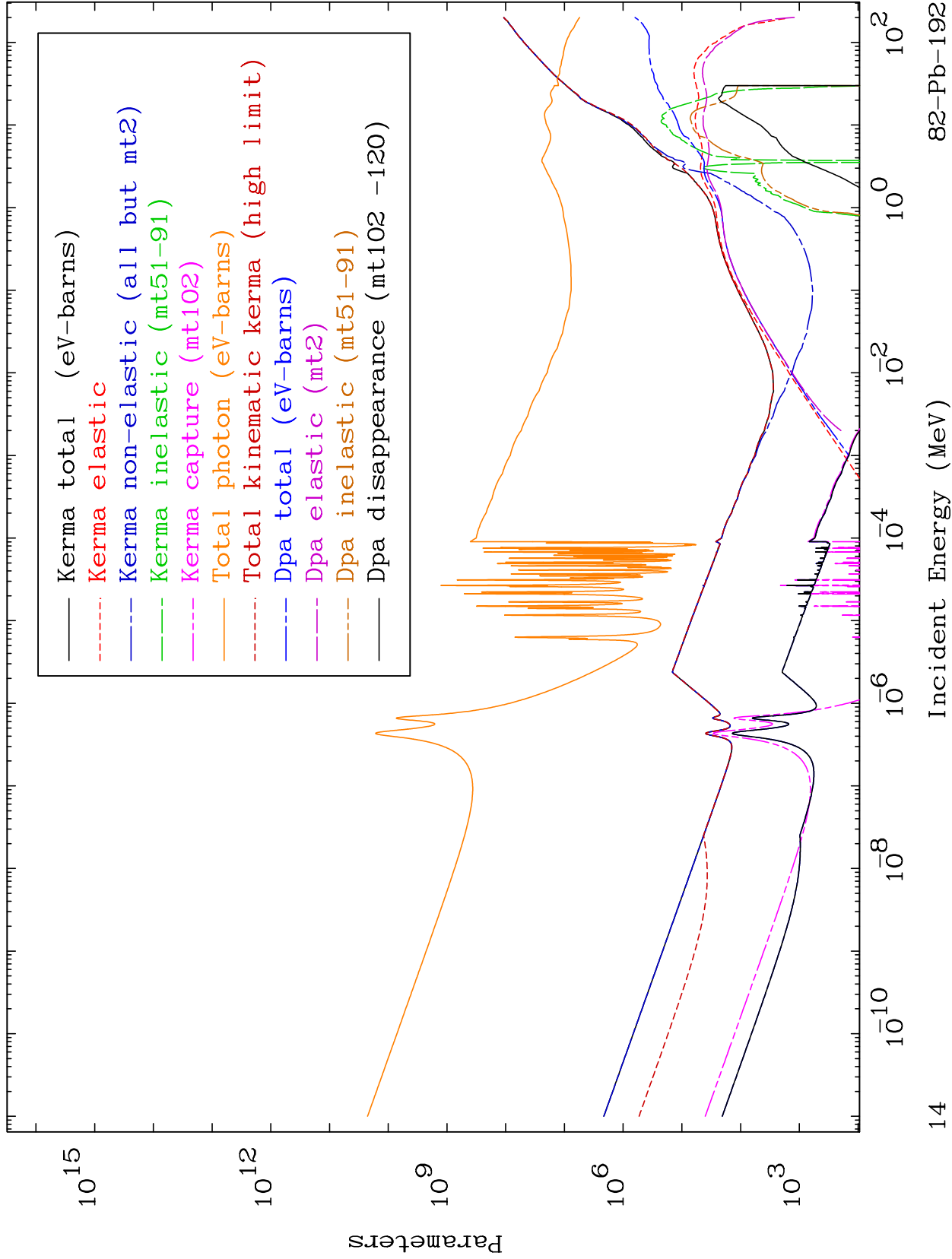


MAT 8189

(n,α) Levels
293 Kelvin Cross Sections

82-Pb-192

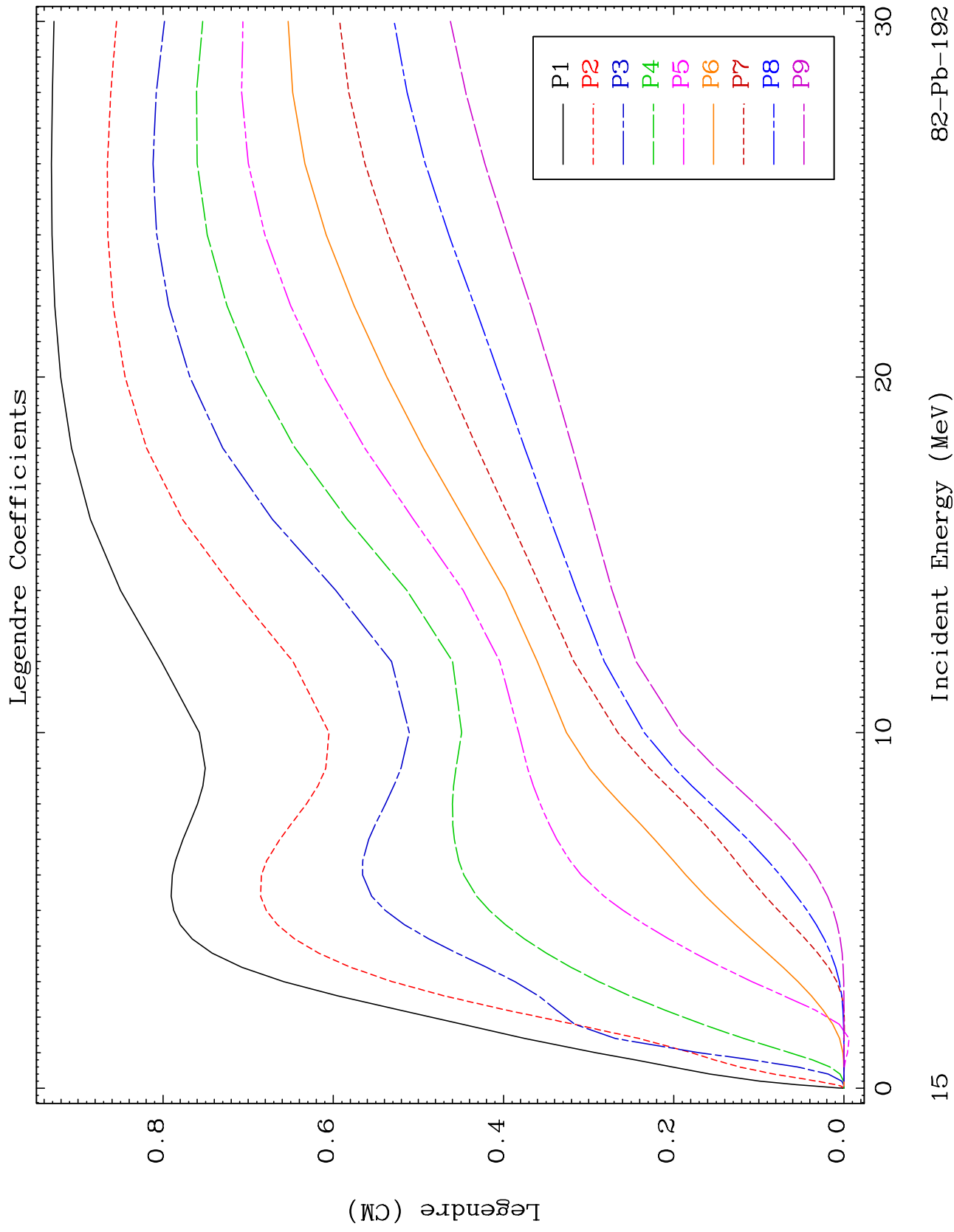




MAT 8189

Elastic Legendre Coefficients

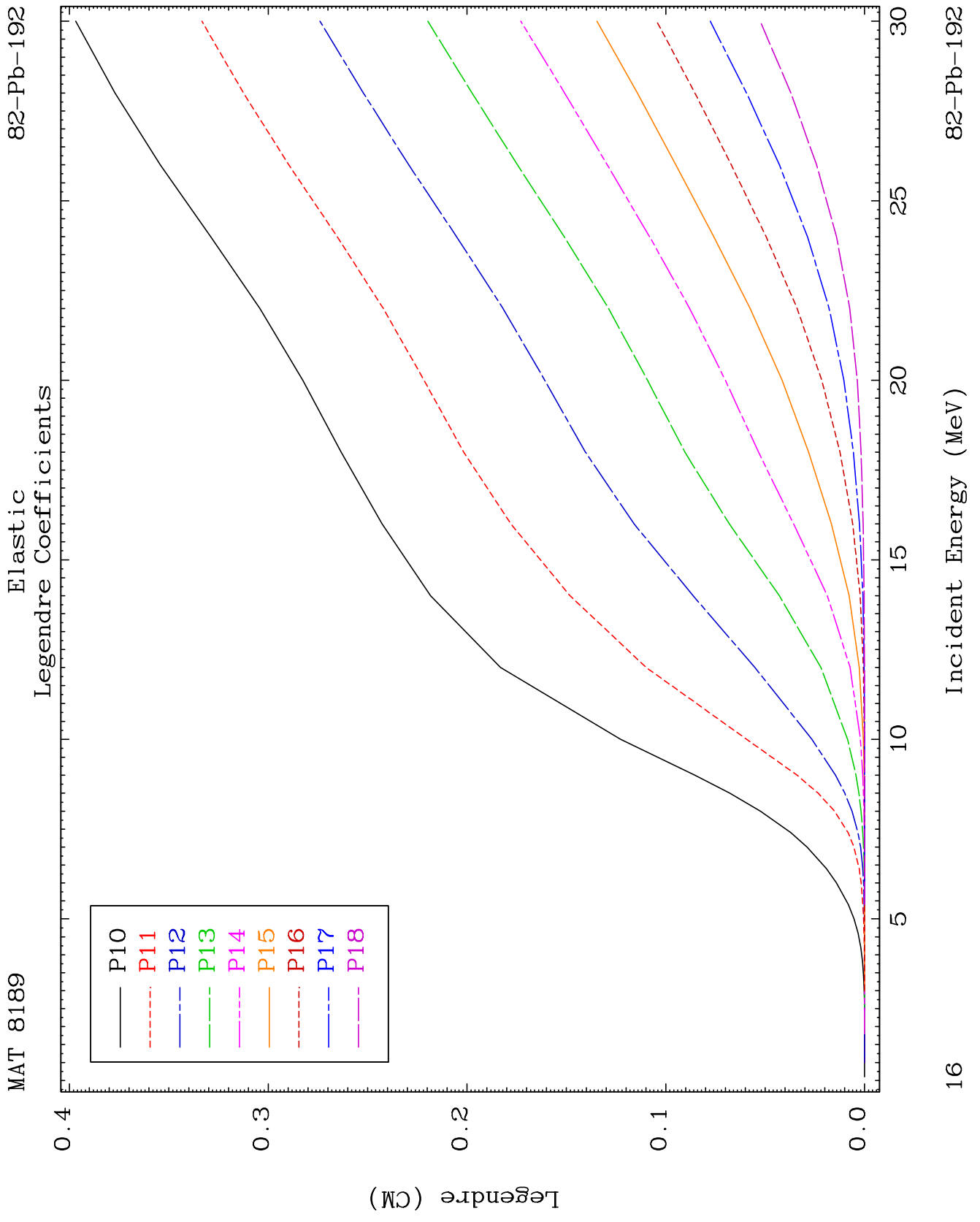
82-Pb-192



82-Pb-192

Incident Energy (MeV)

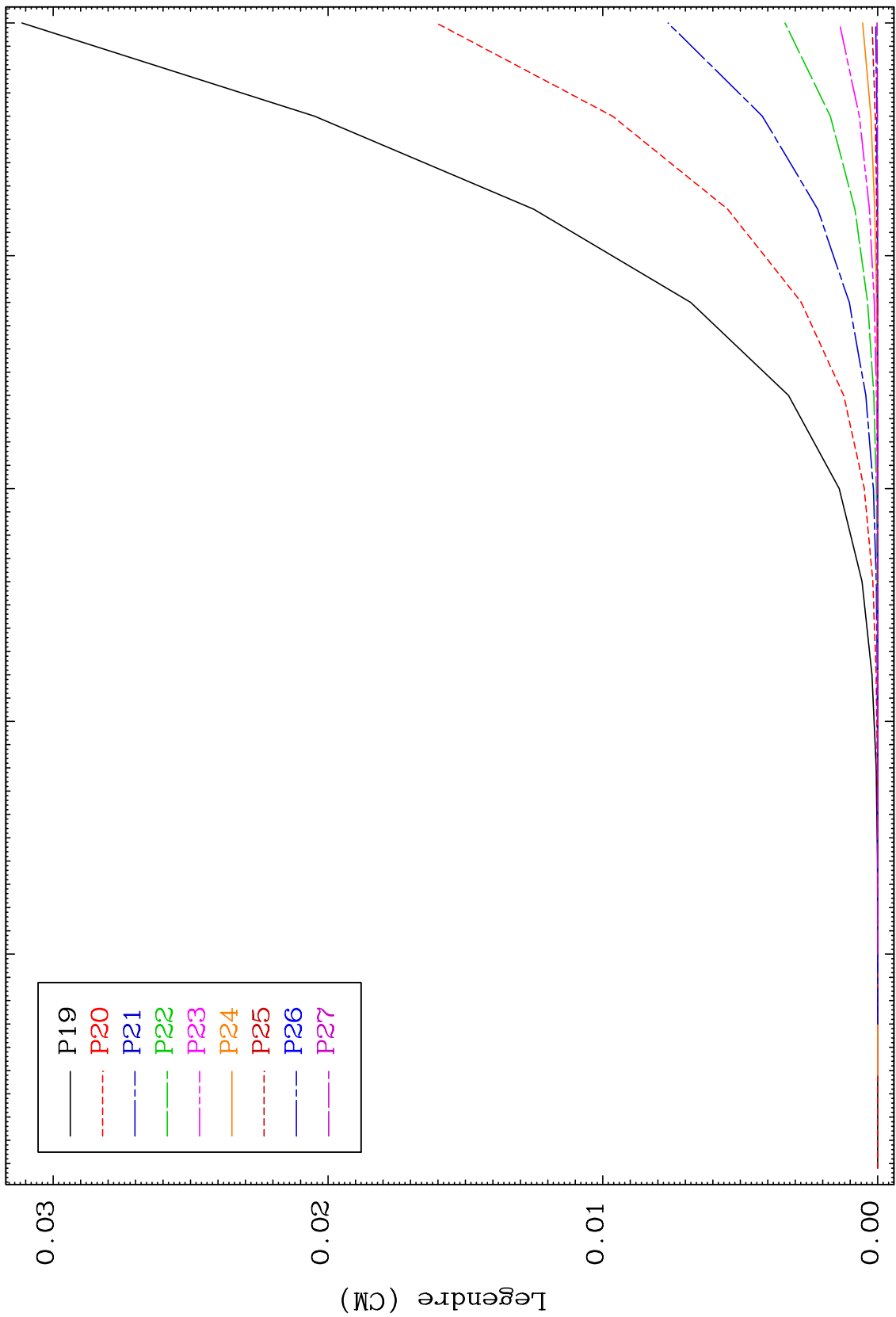
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MAT 8189

Elastic Legendre Coefficients

82-Pb-192



17

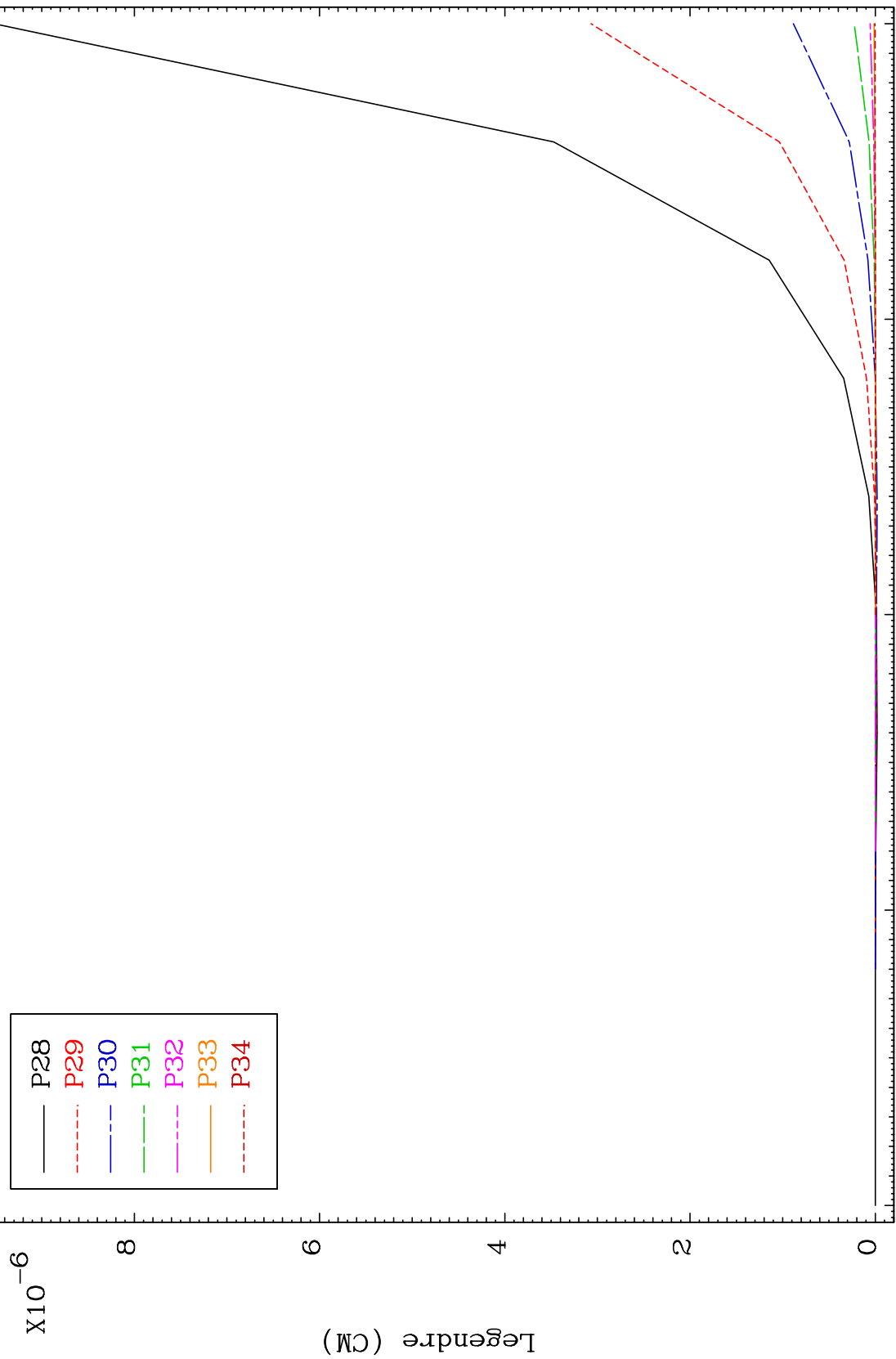
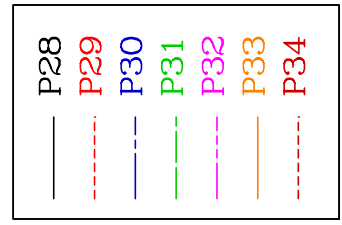
Incident Energy (MeV)

82-Pb-192

MAT 8189

Elastic Legendre Coefficients

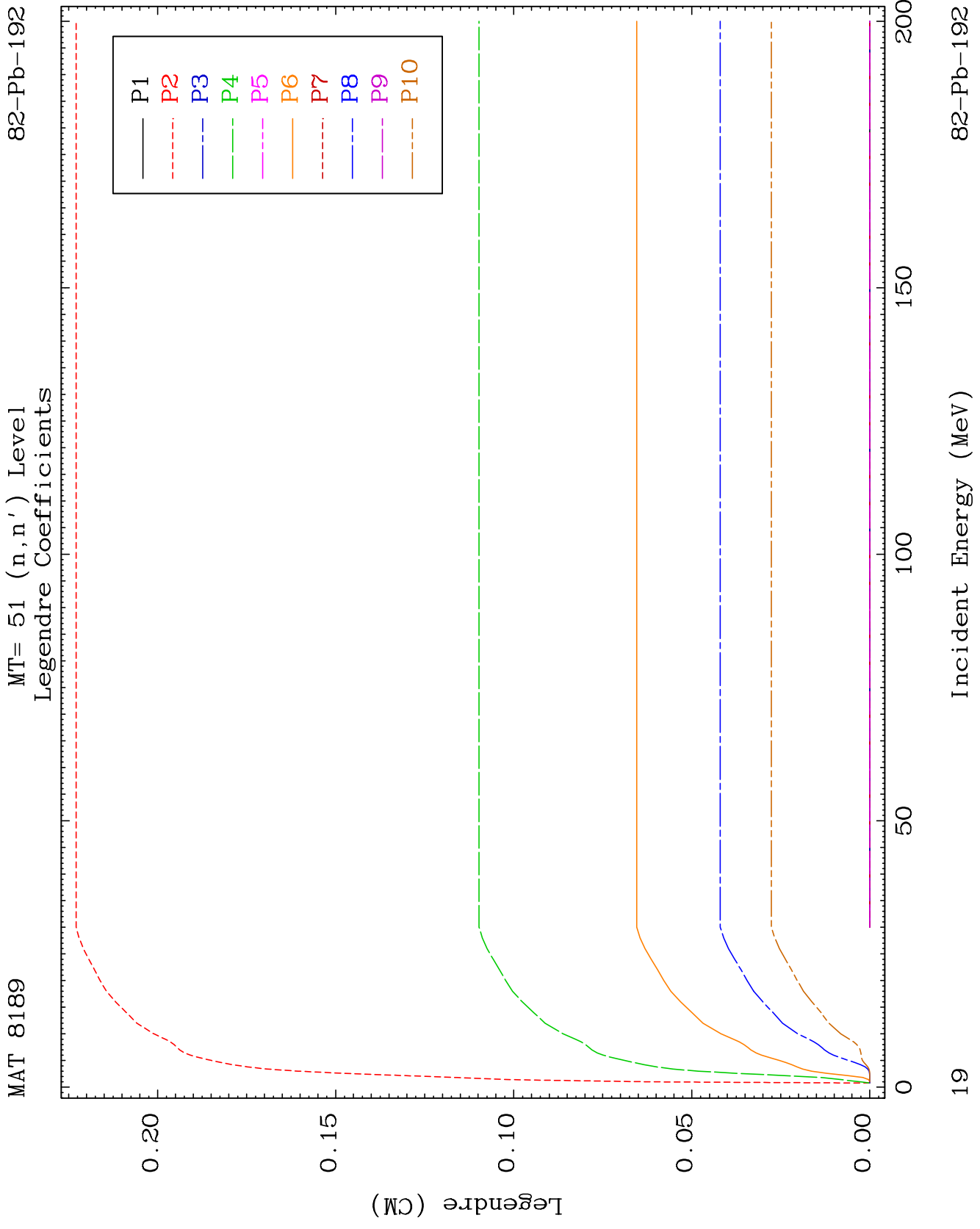
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18

Incident Energy (MeV)

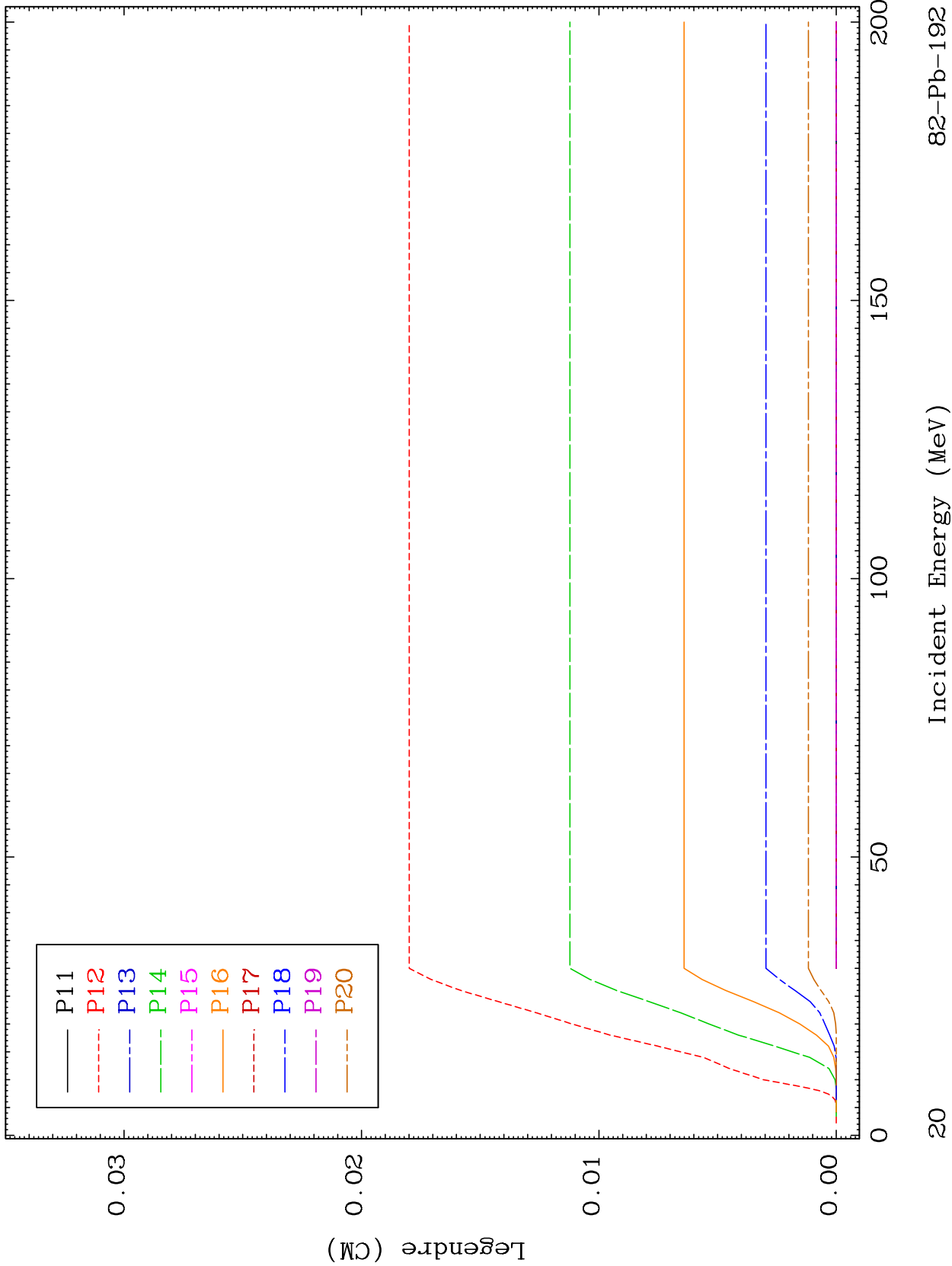
82-Pb-192



MAT 8189

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

82-Pb-192



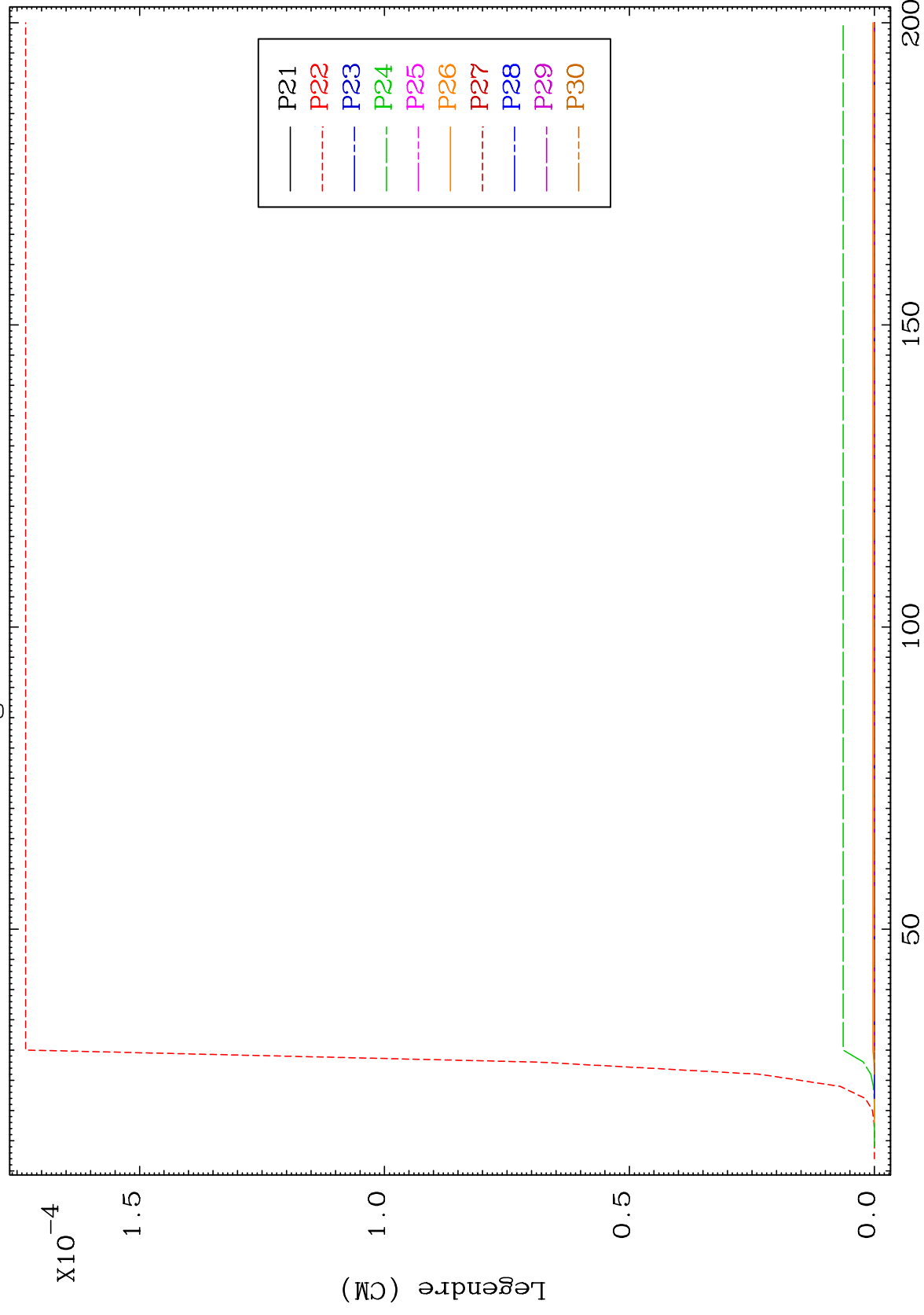
82-Pb-192

Incident Energy (MeV)

MAT 8189

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

82-Pb-192



21

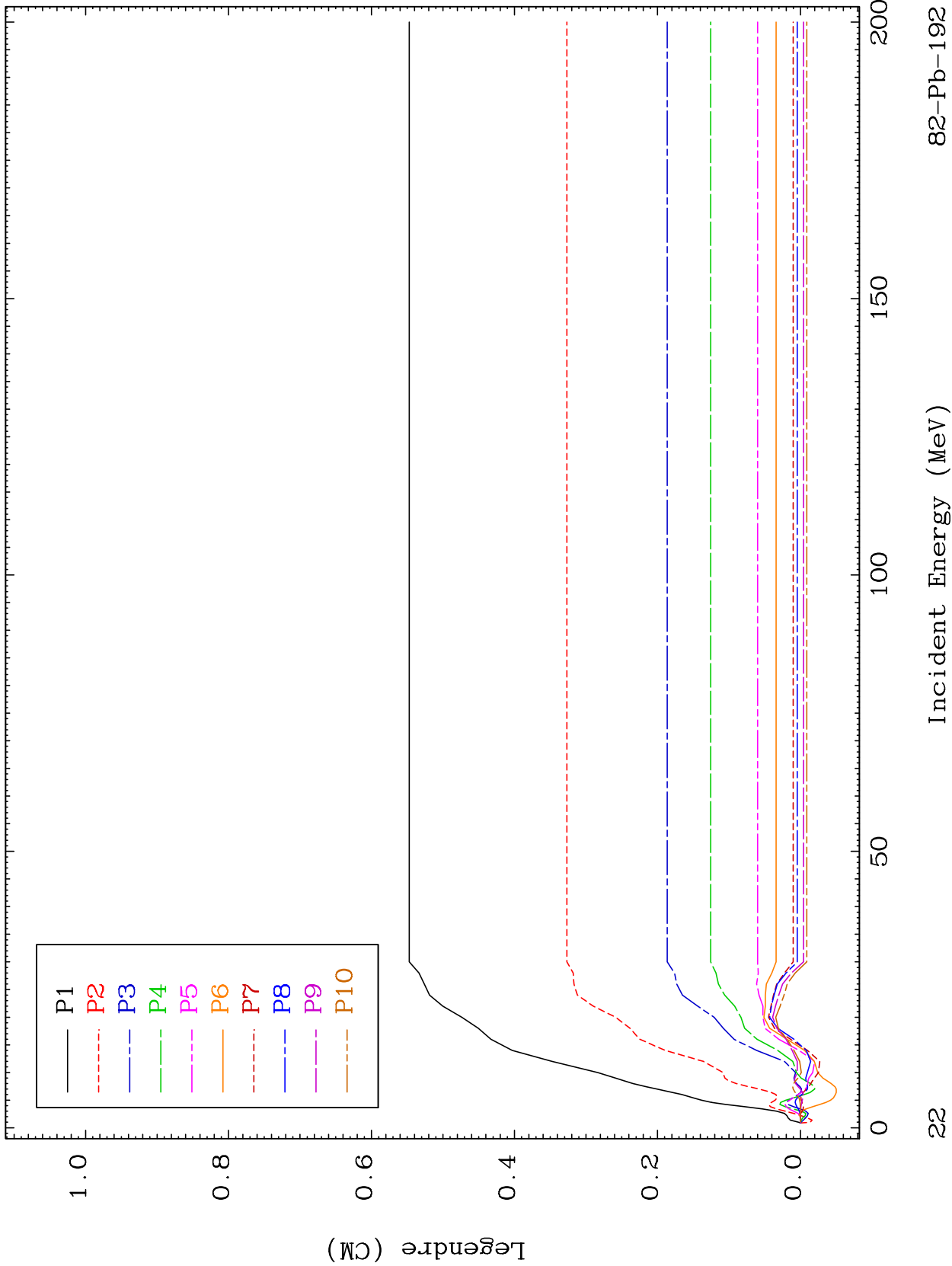
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



22

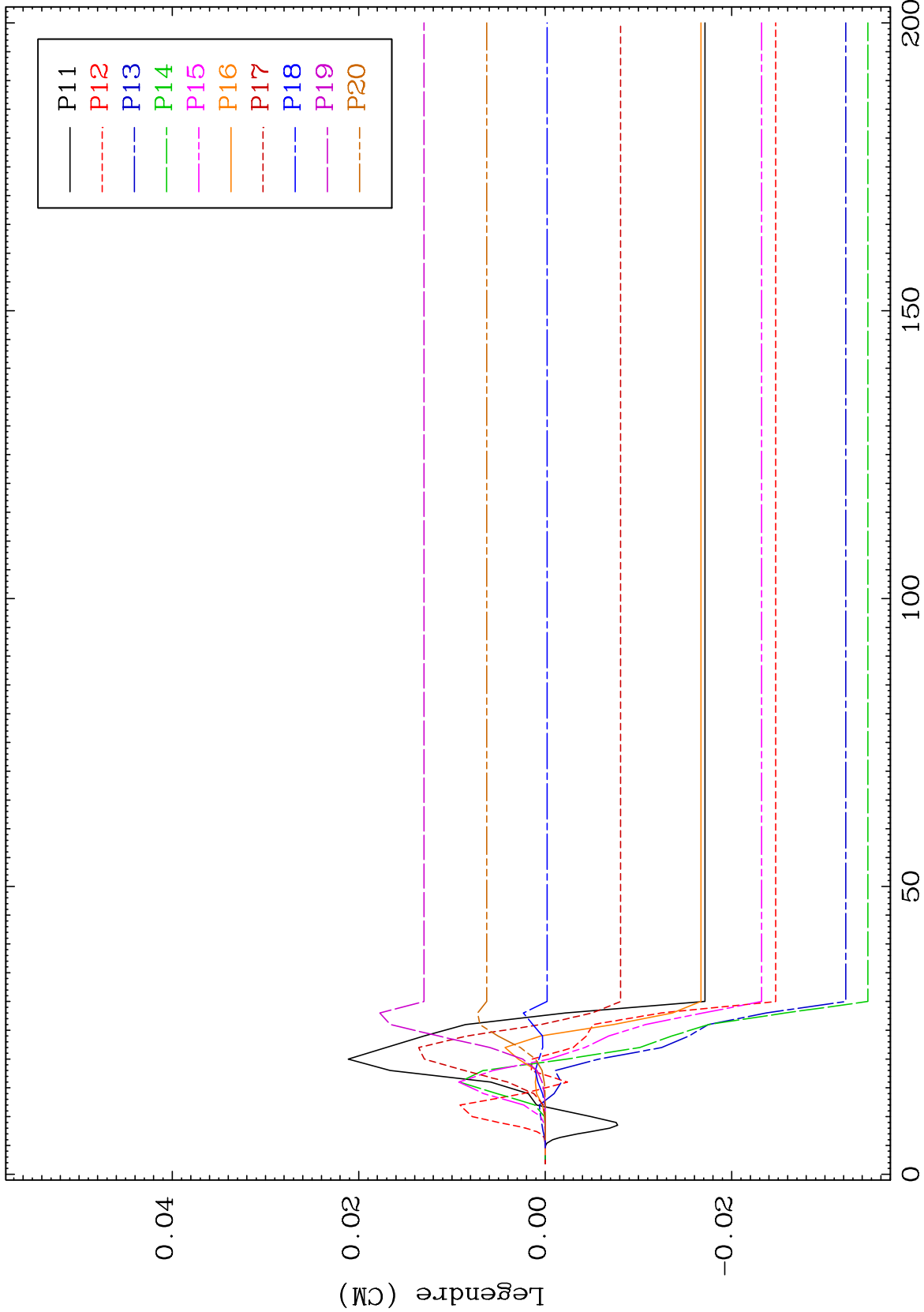
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



23

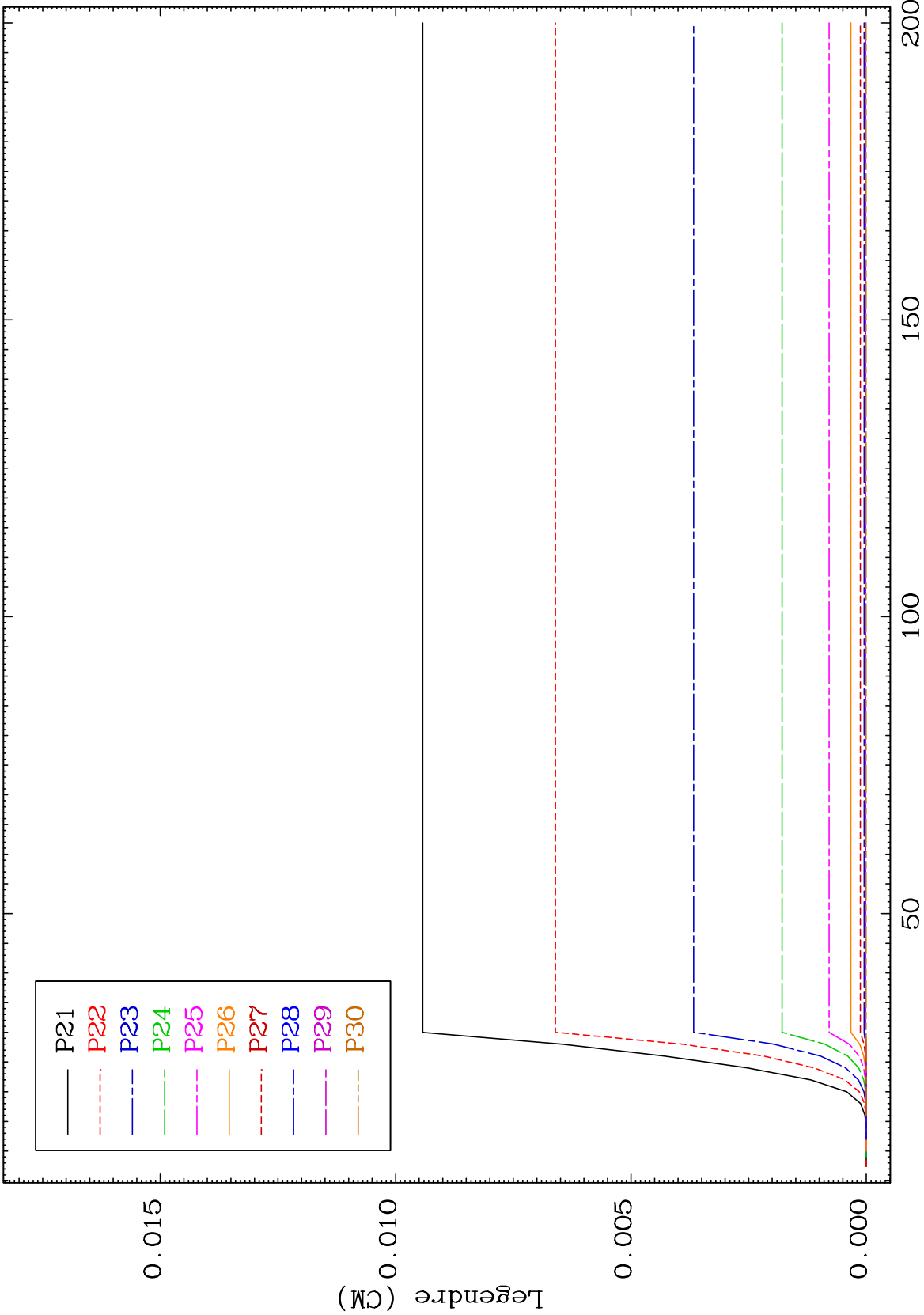
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



24

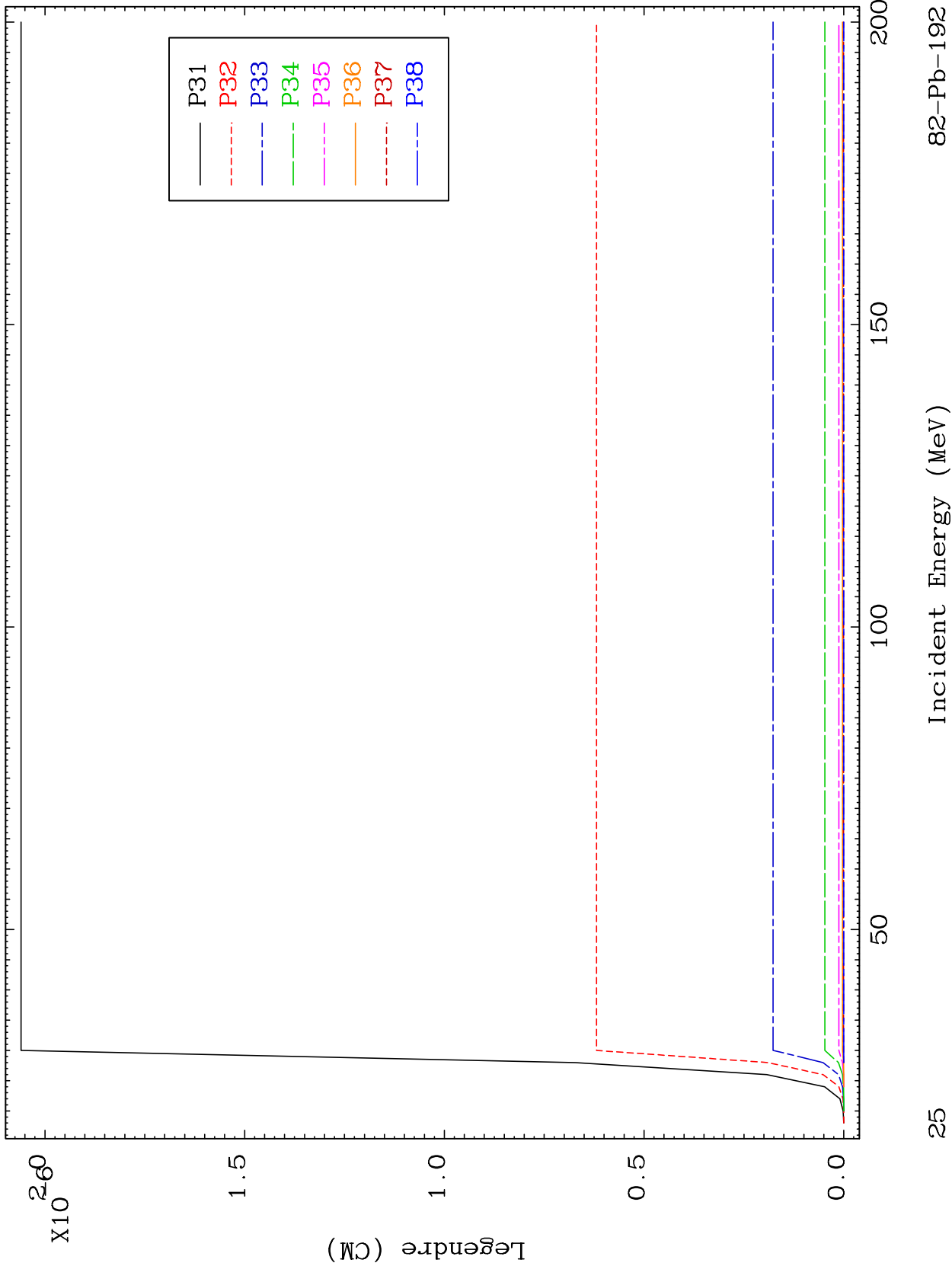
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

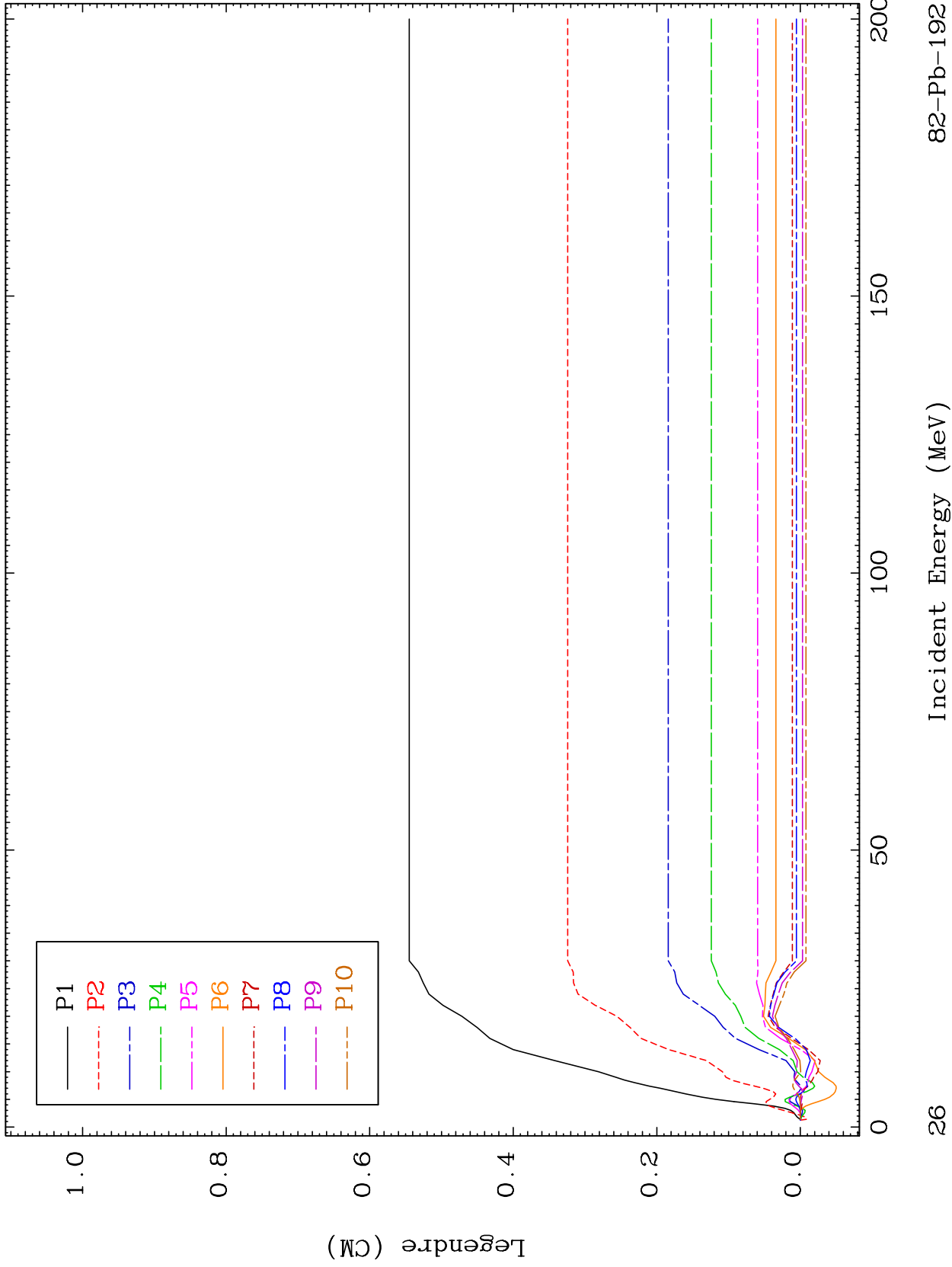
82-Pb-192



82-Pb-192

Incident Energy (MeV)

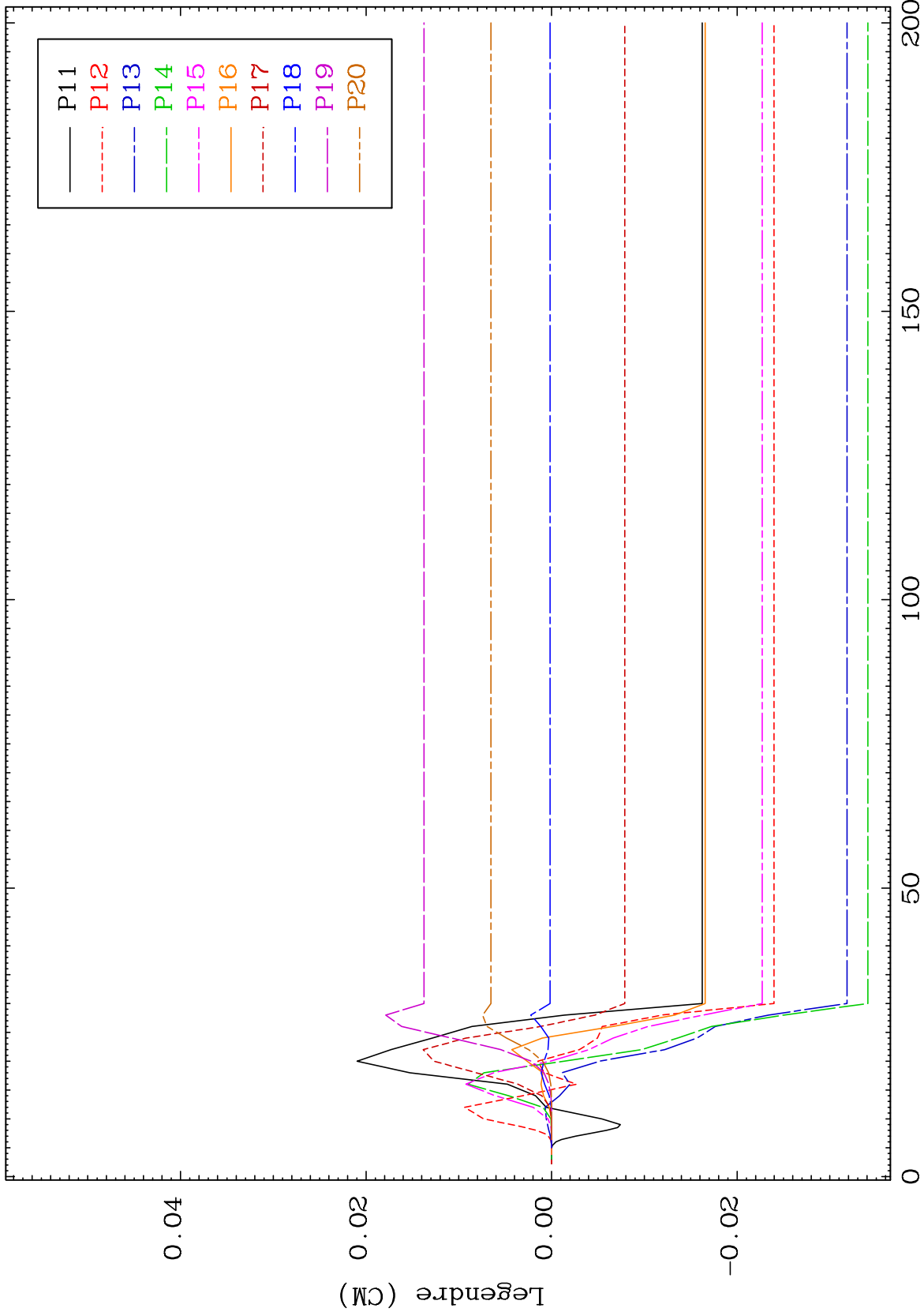
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MAT 8189

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

82-Pb-192



27

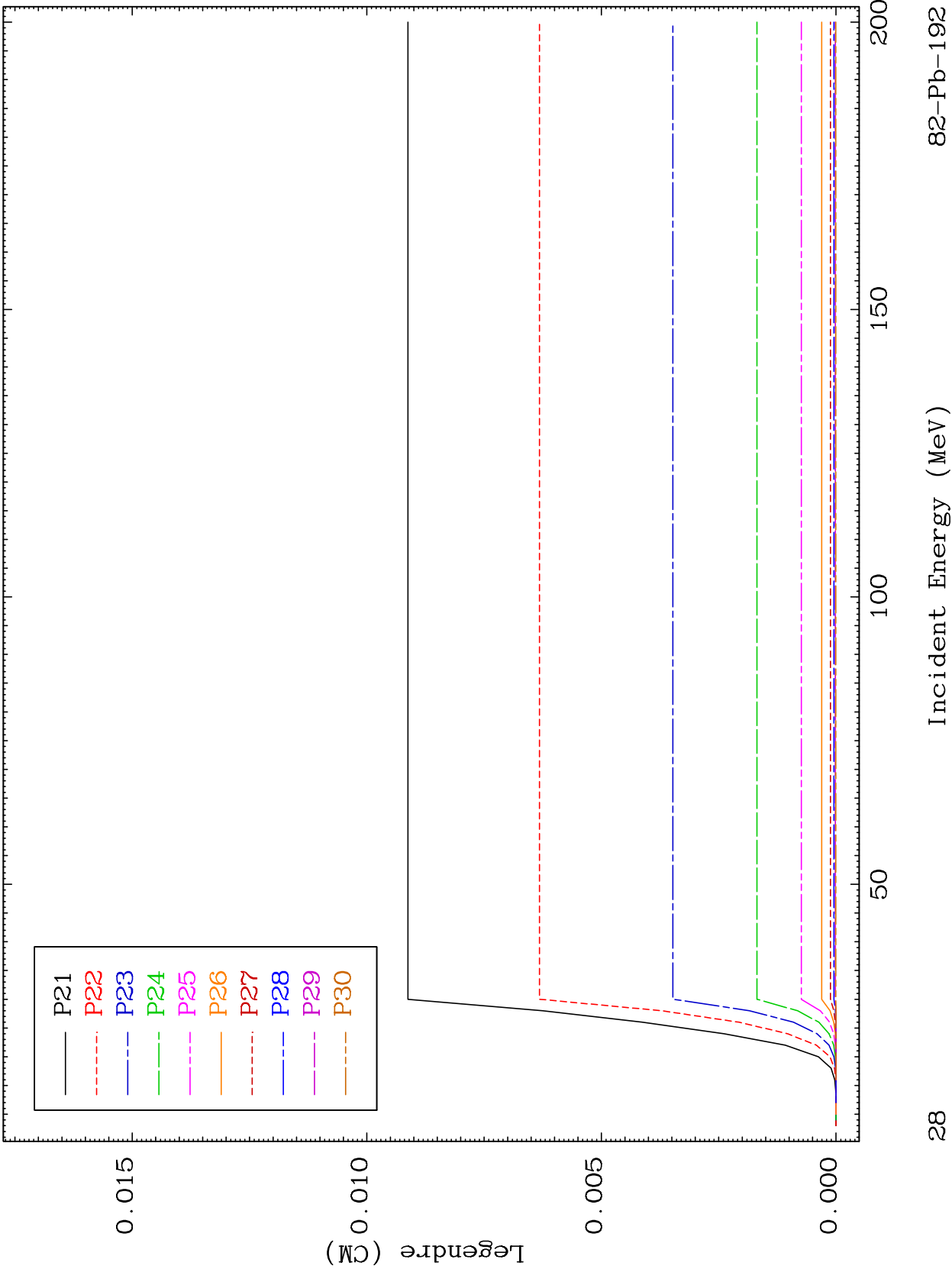
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



28

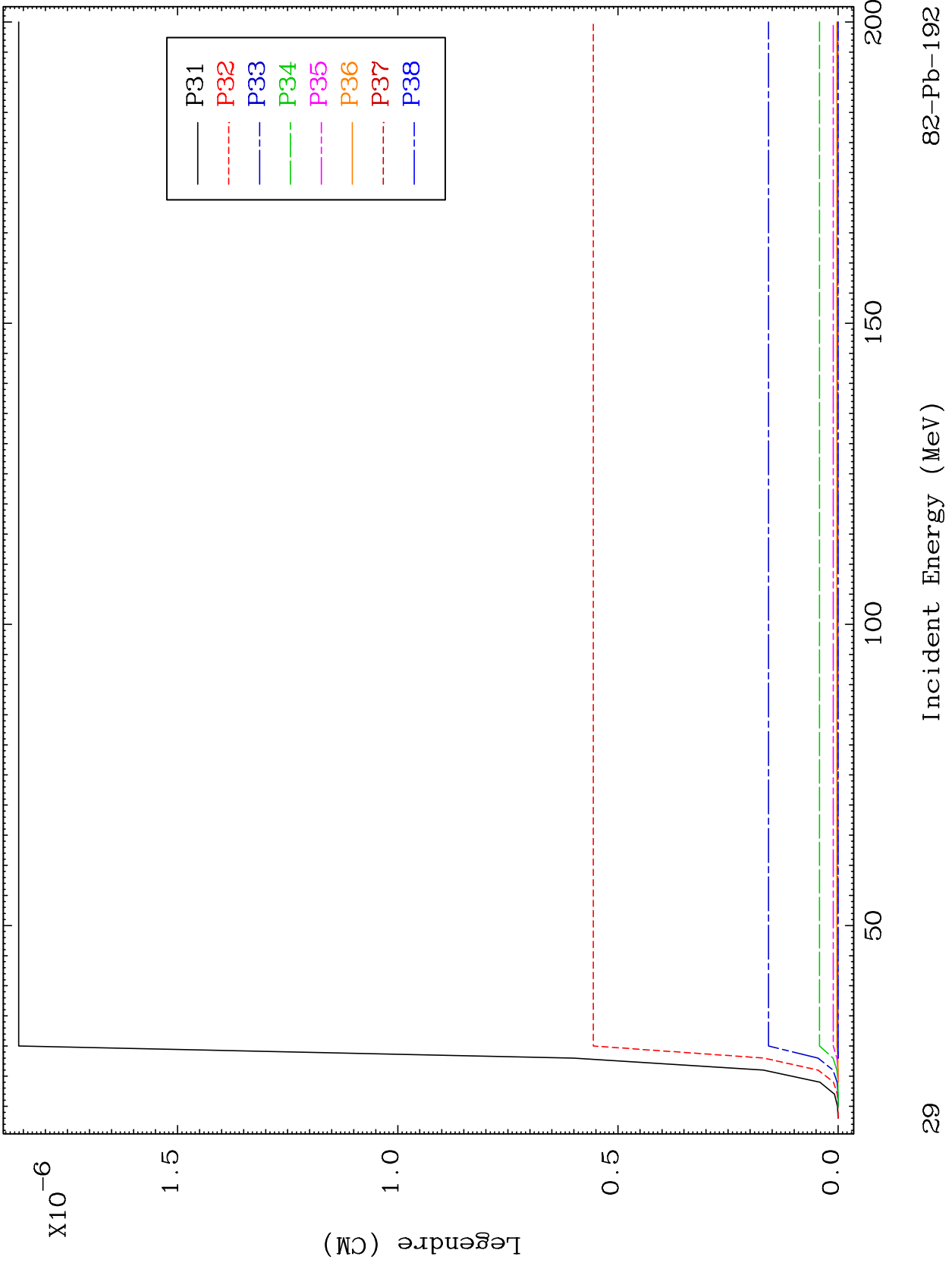
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



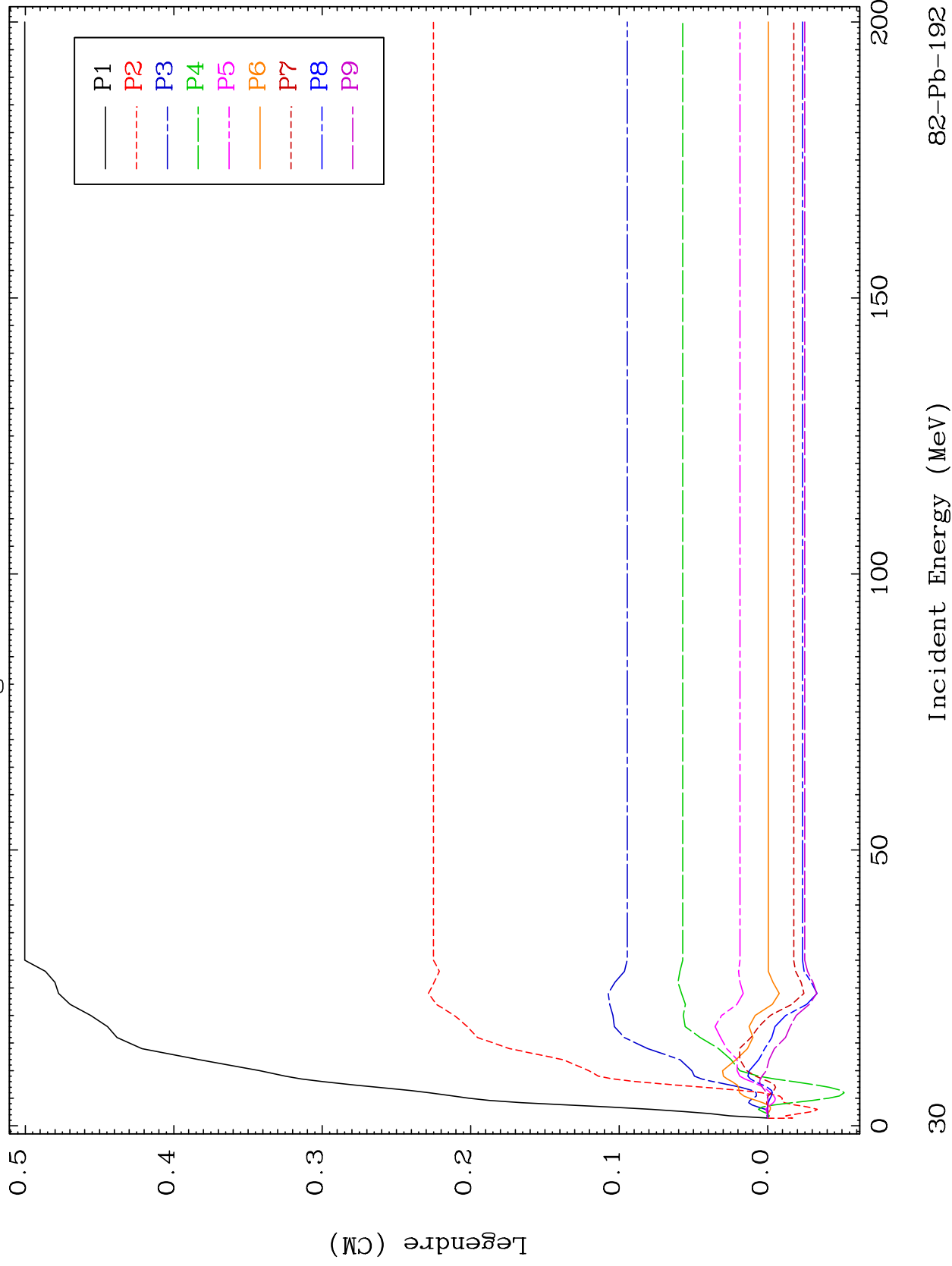
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82-Pb-192

MAT 8189

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

82-Pb-192



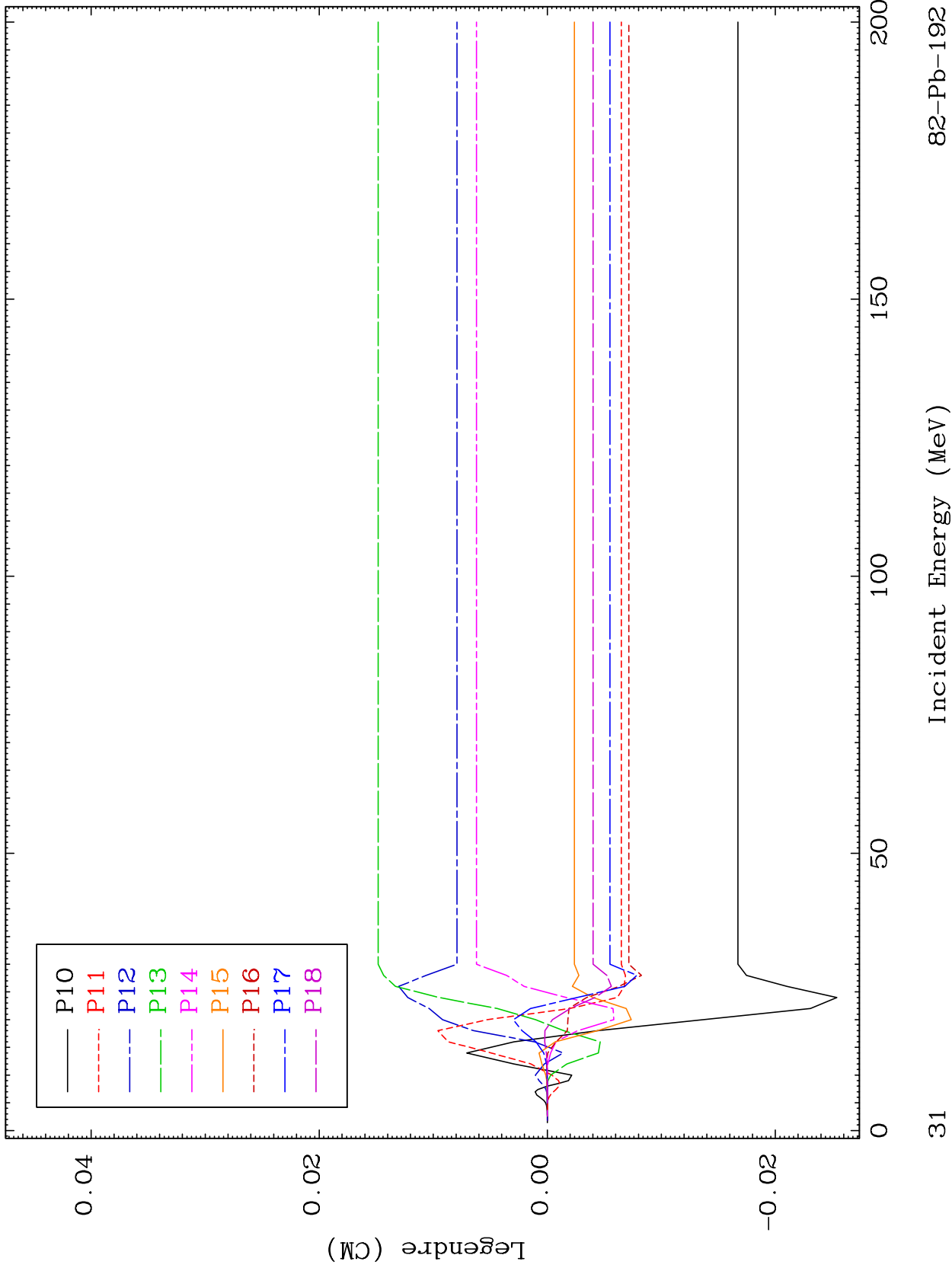
82-Pb-192

Incident Energy (MeV)

MAT 8189

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

82-Pb-192



31

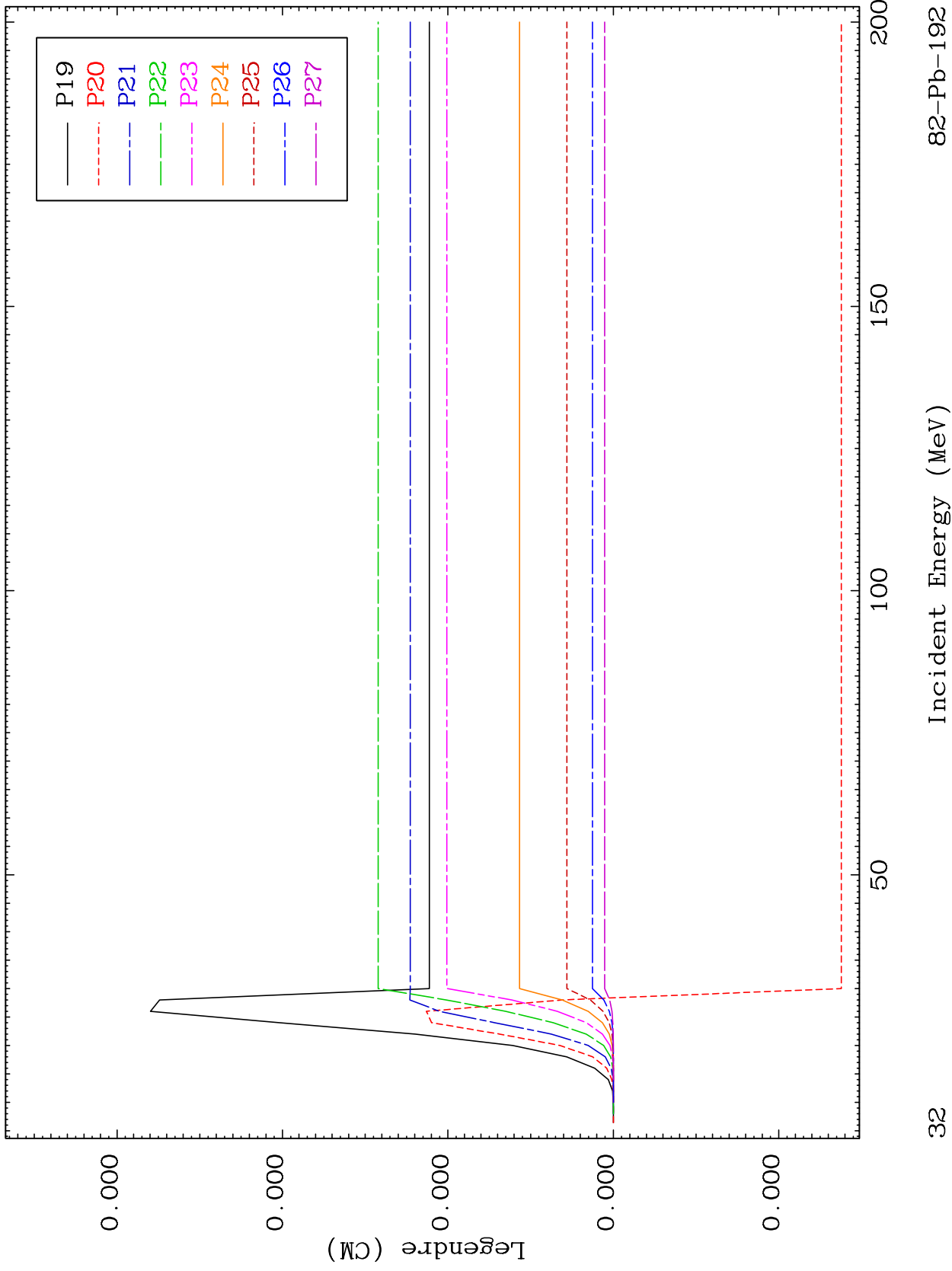
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



32

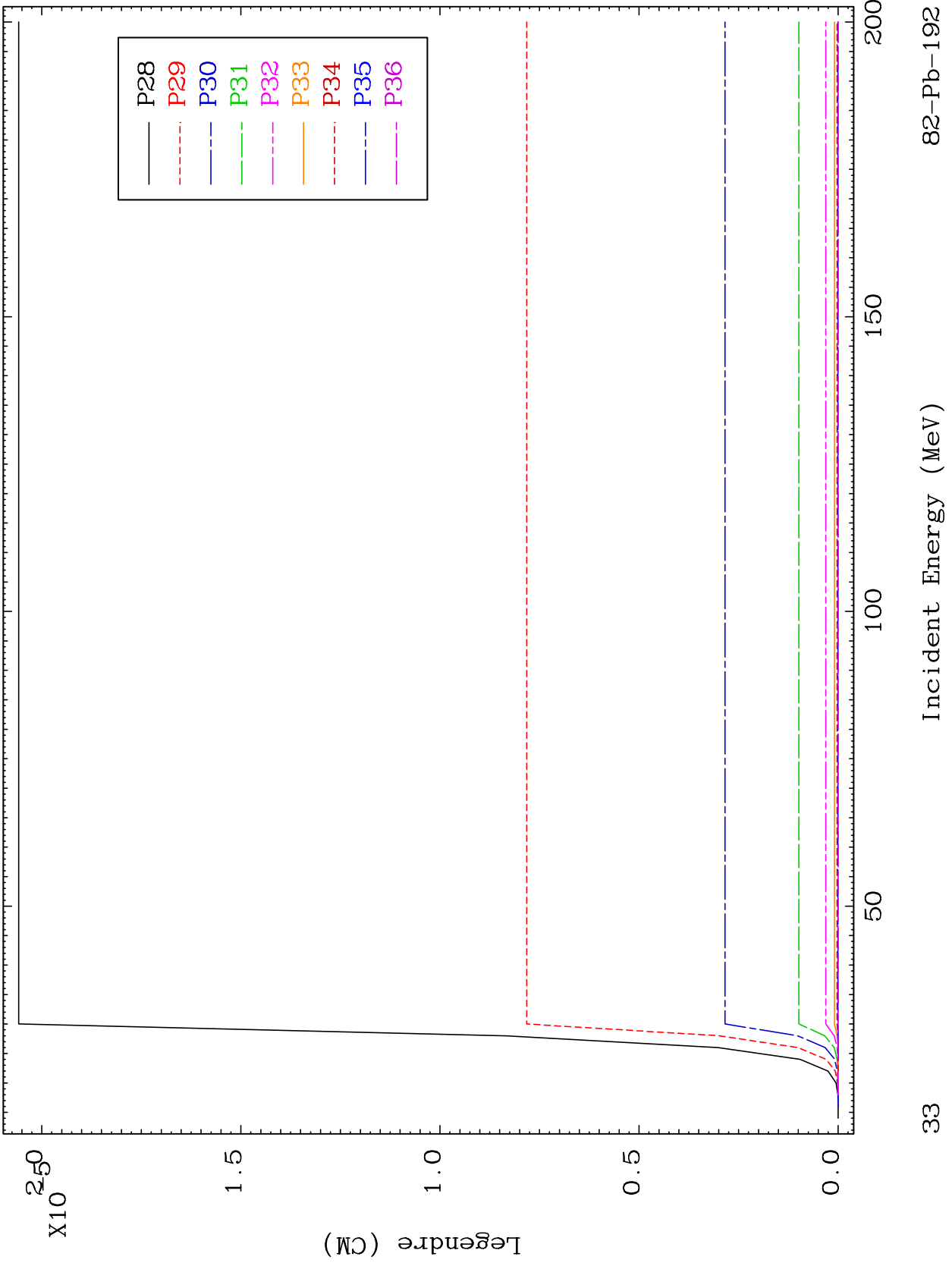
Incident Energy (MeV)

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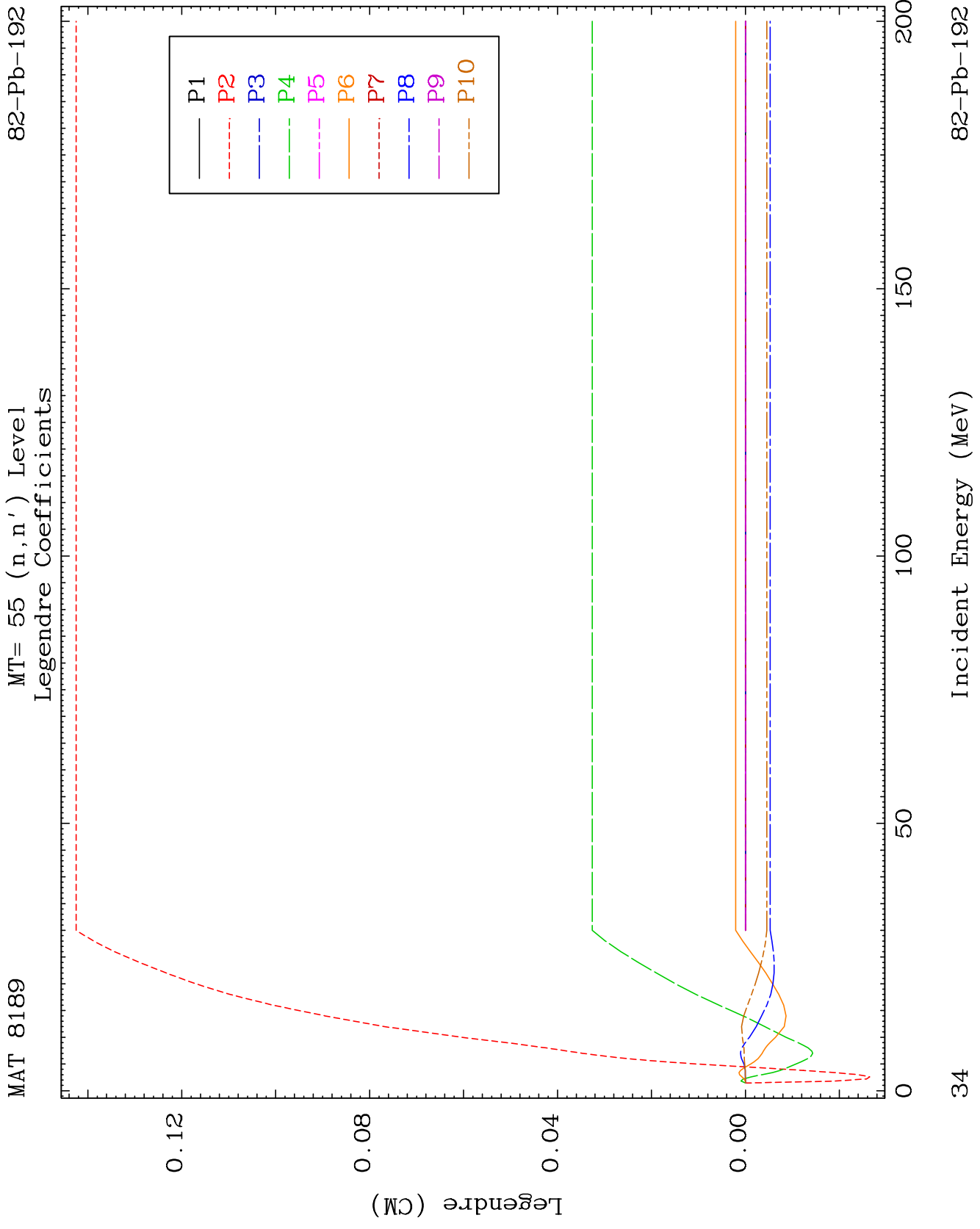
MAT 8189

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

82-Pb-192



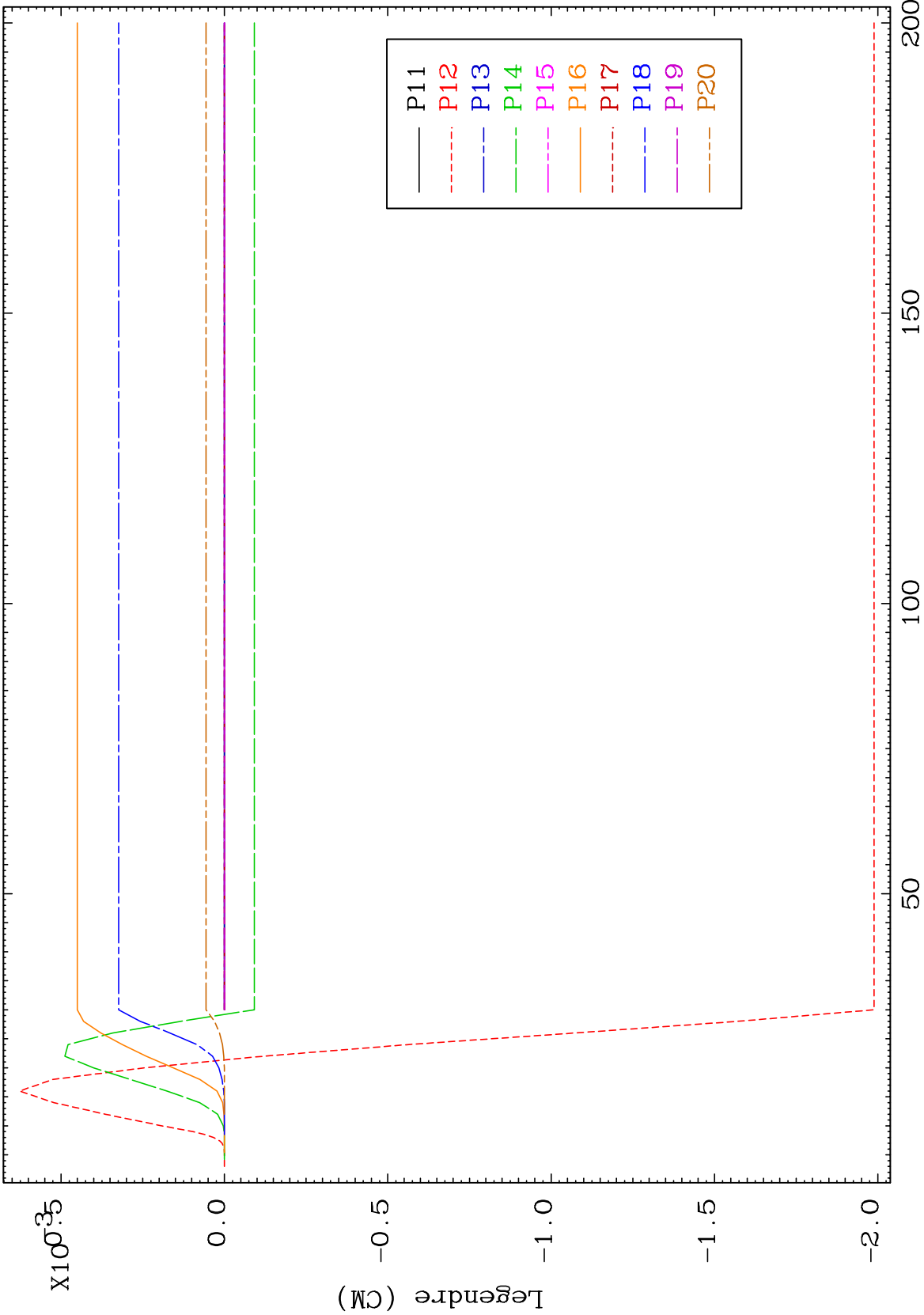
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MAT 8189

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

82-Pb-192



35

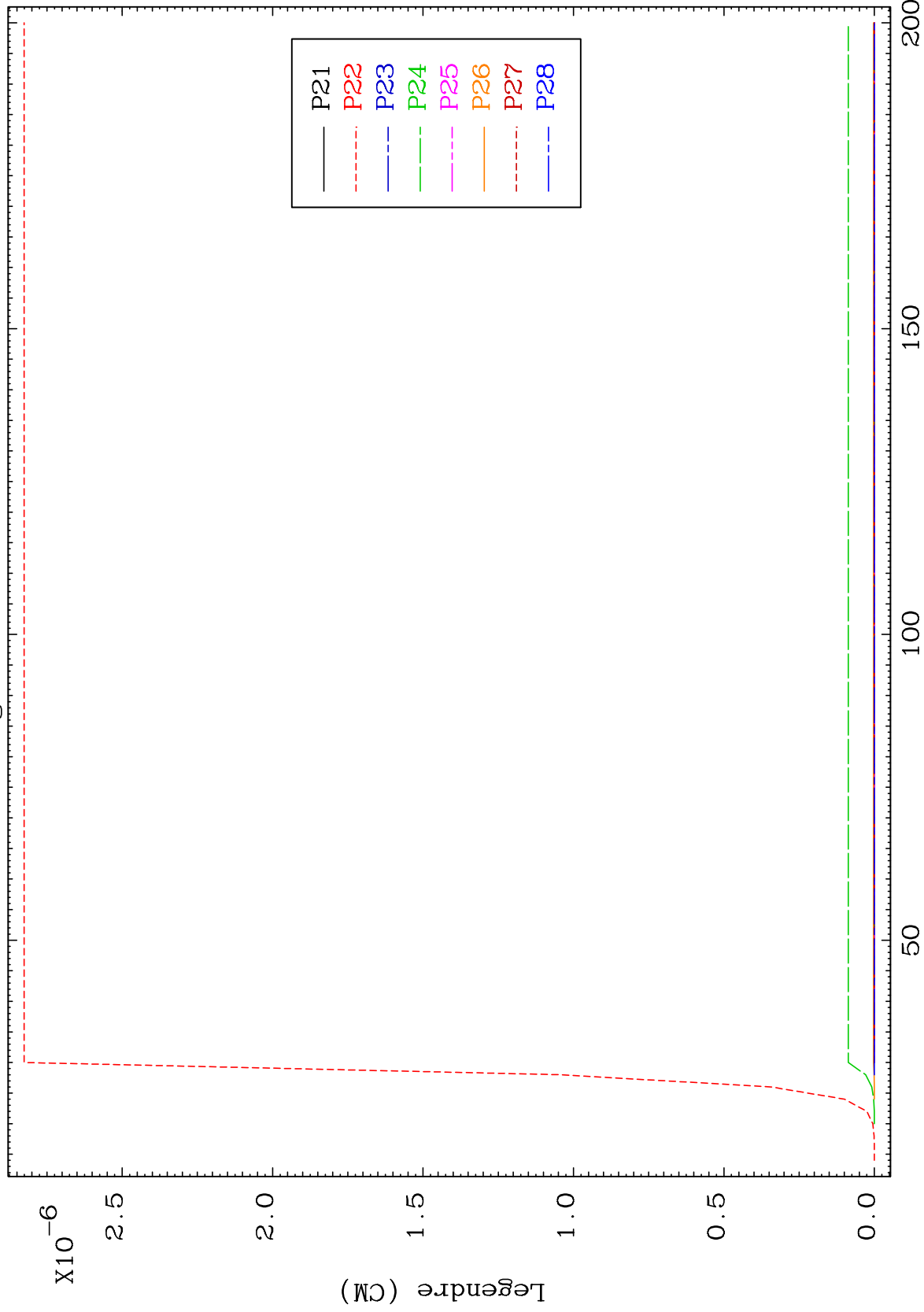
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



36

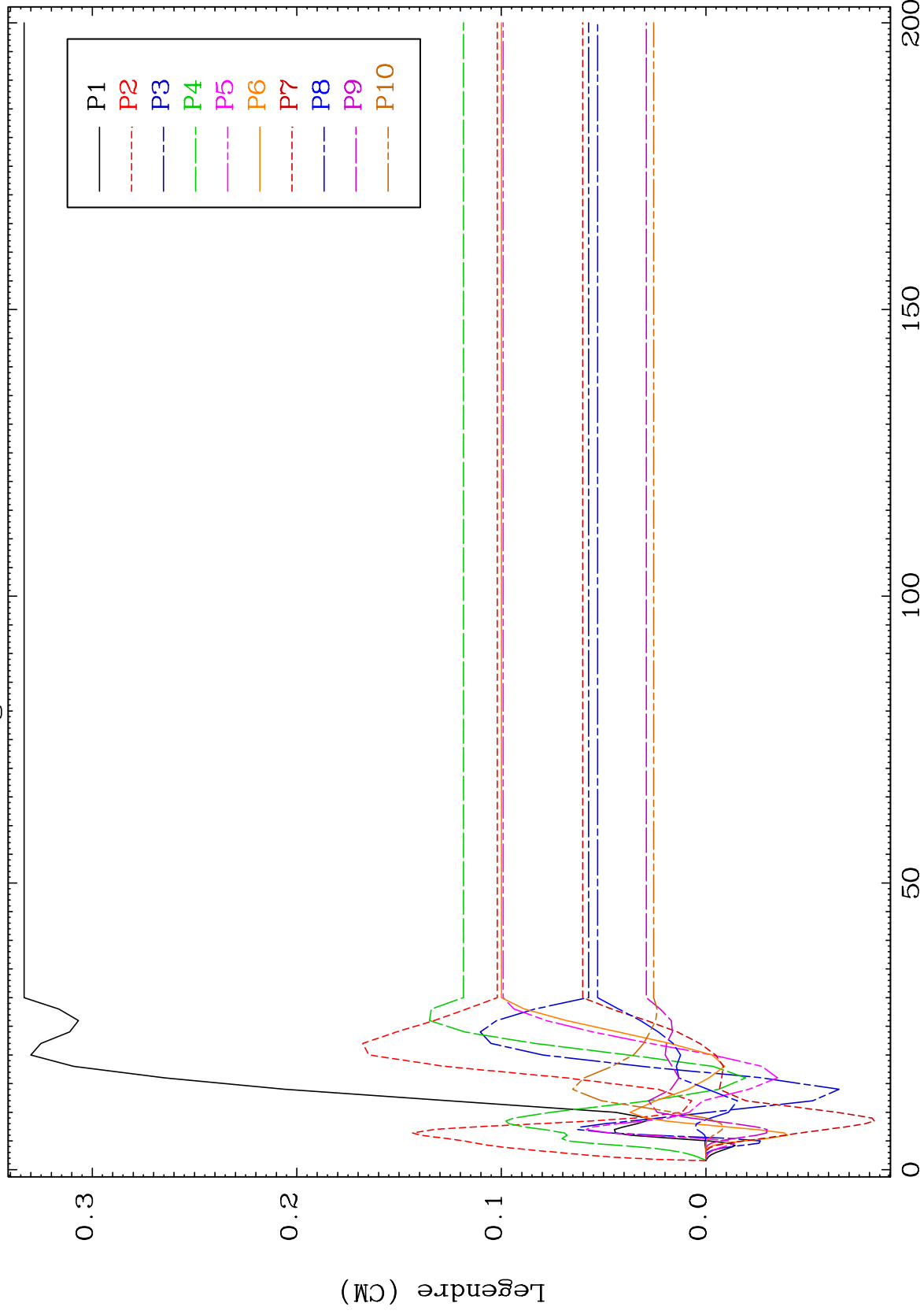
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



37

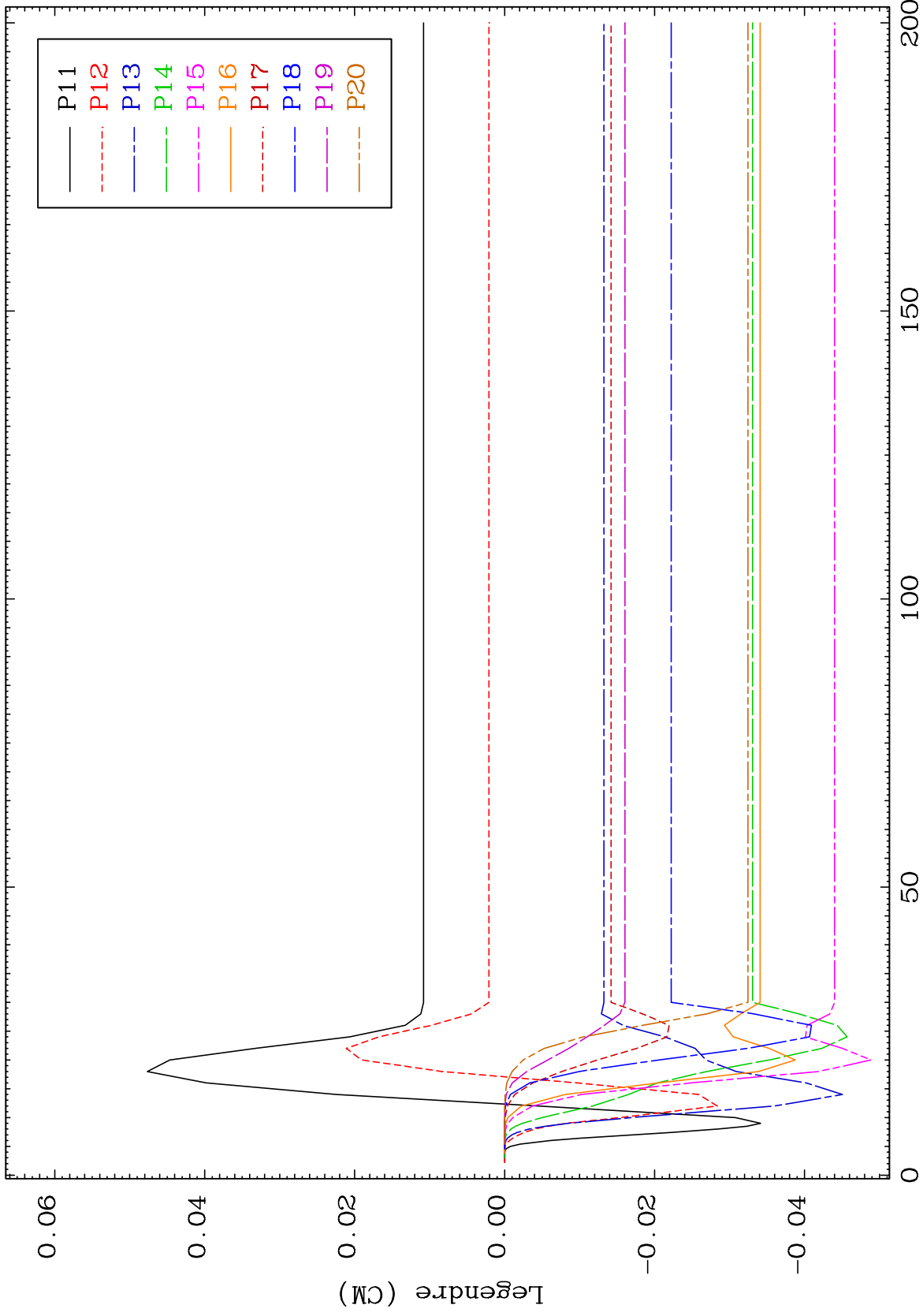
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



38

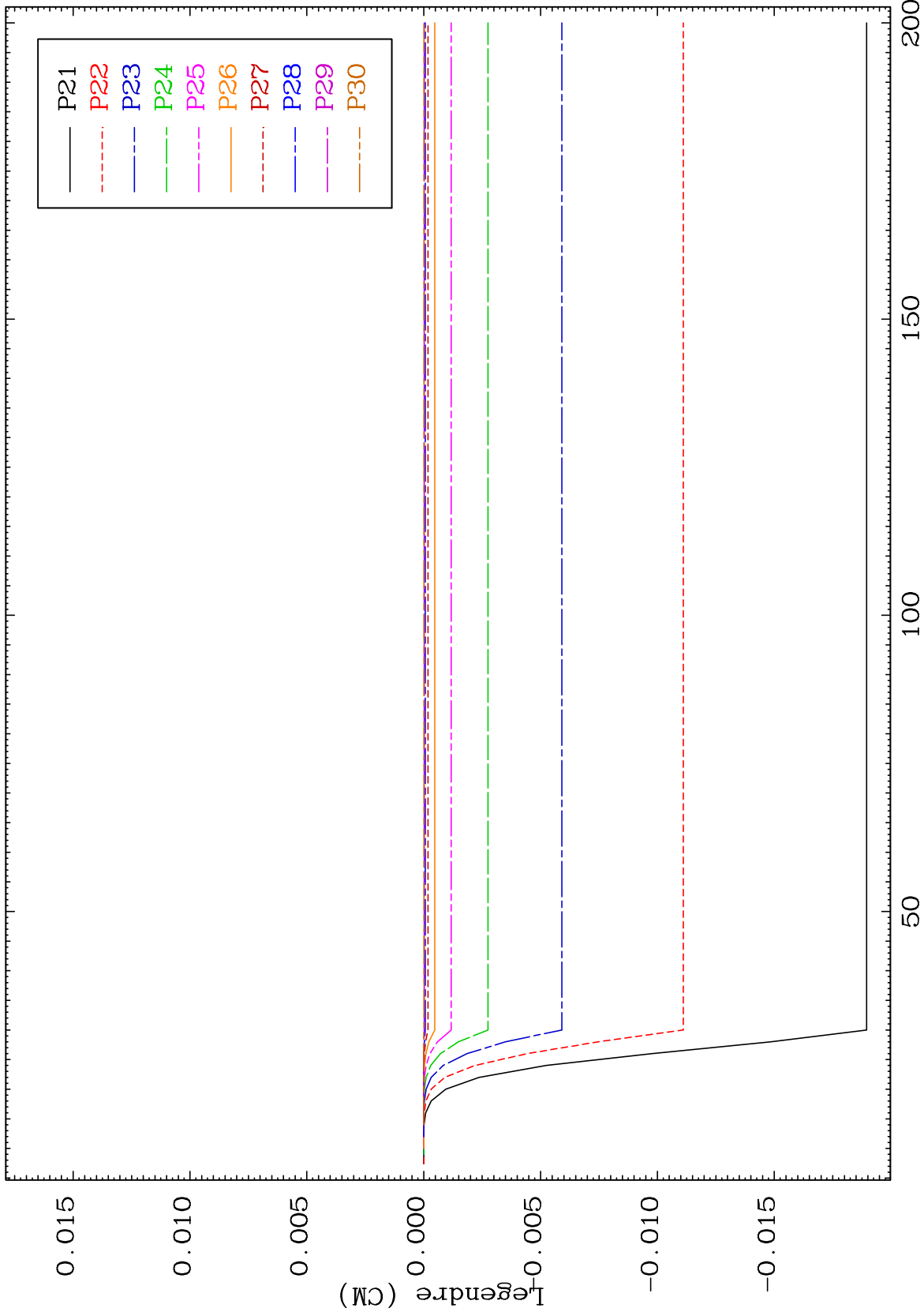
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

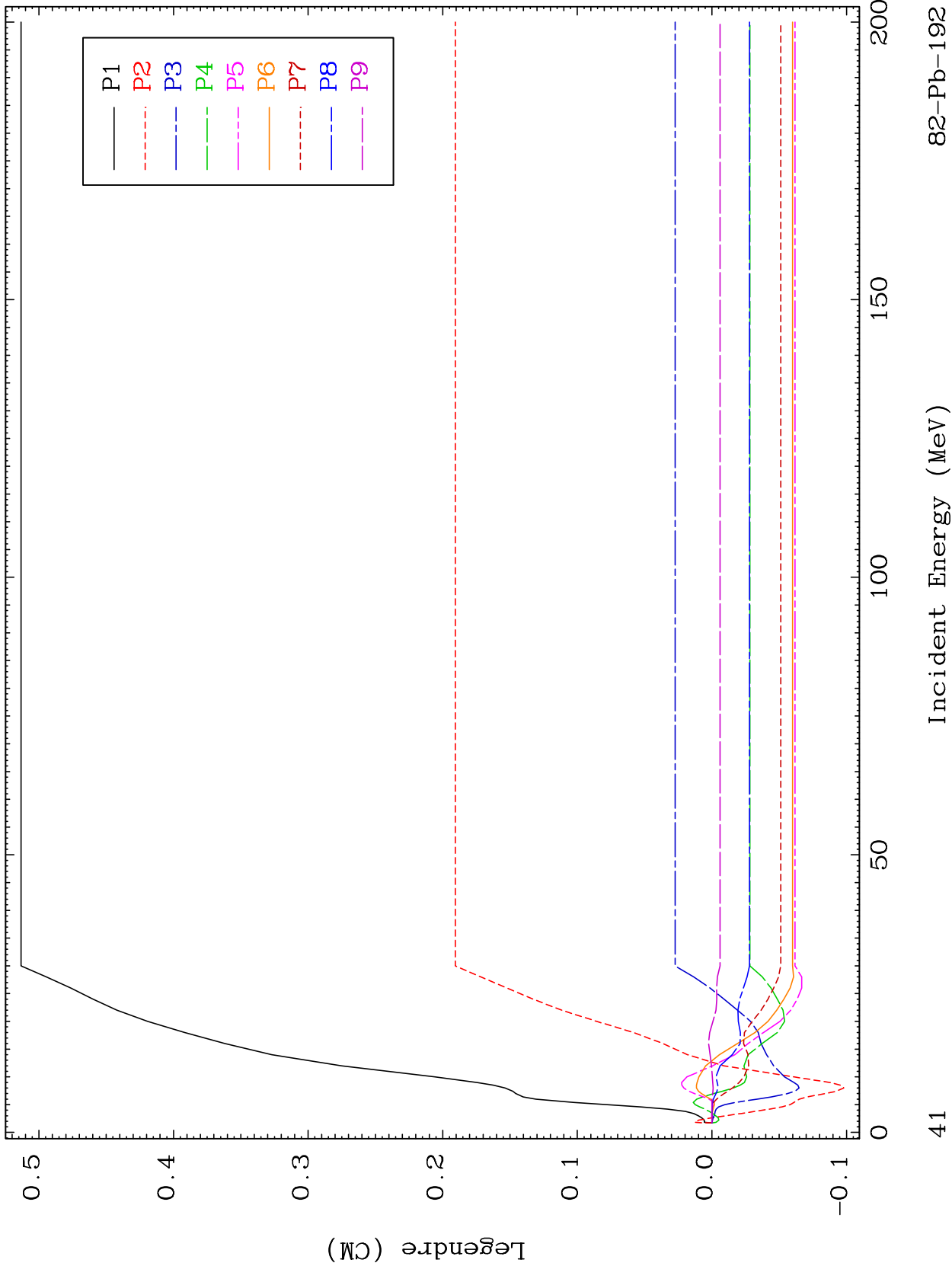
82-Pb-192



MAT 8189

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

82-Pb-192



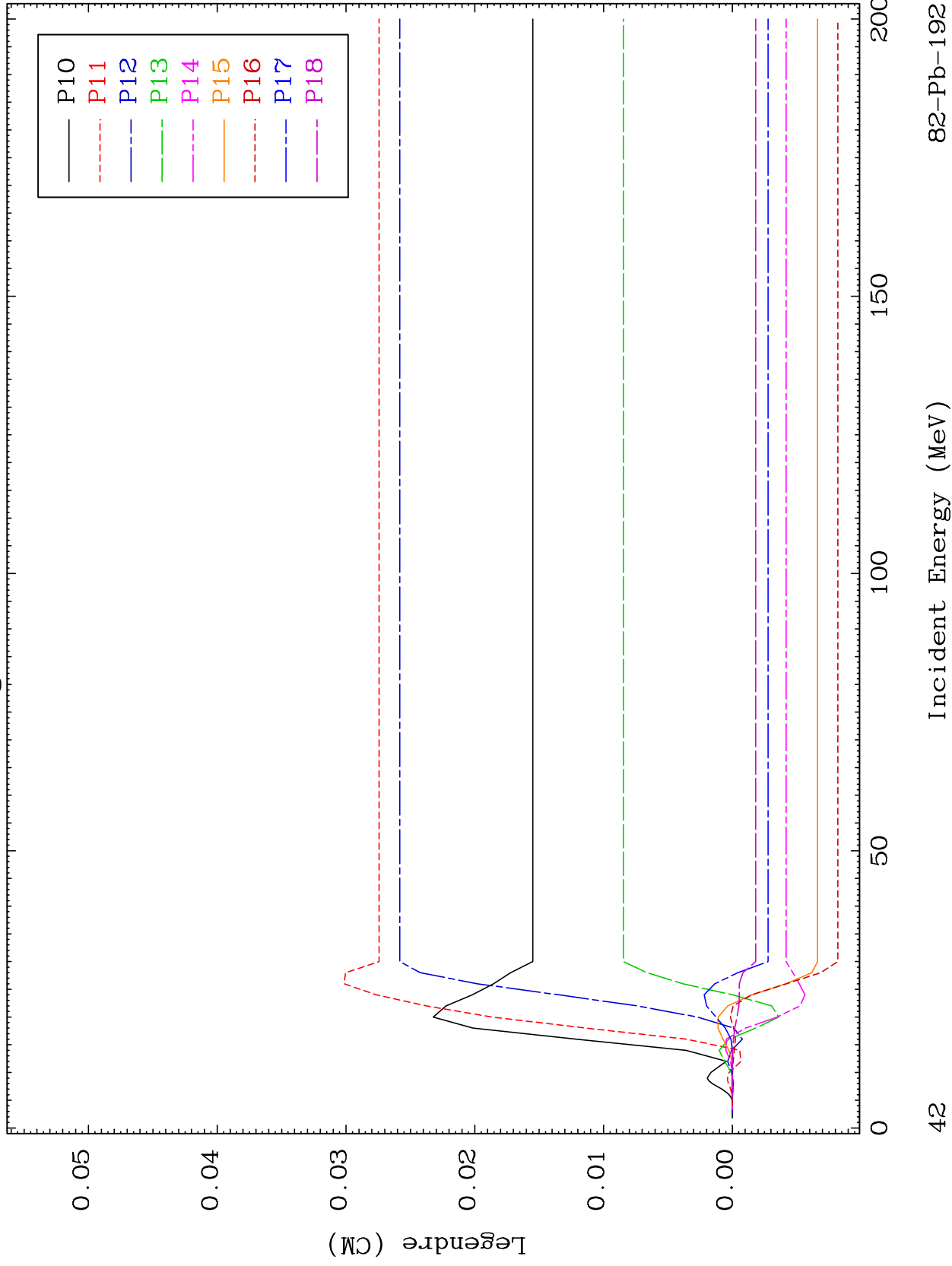
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82-Pb-192

MAT 8189

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

82-Pb-192



82-Pb-192

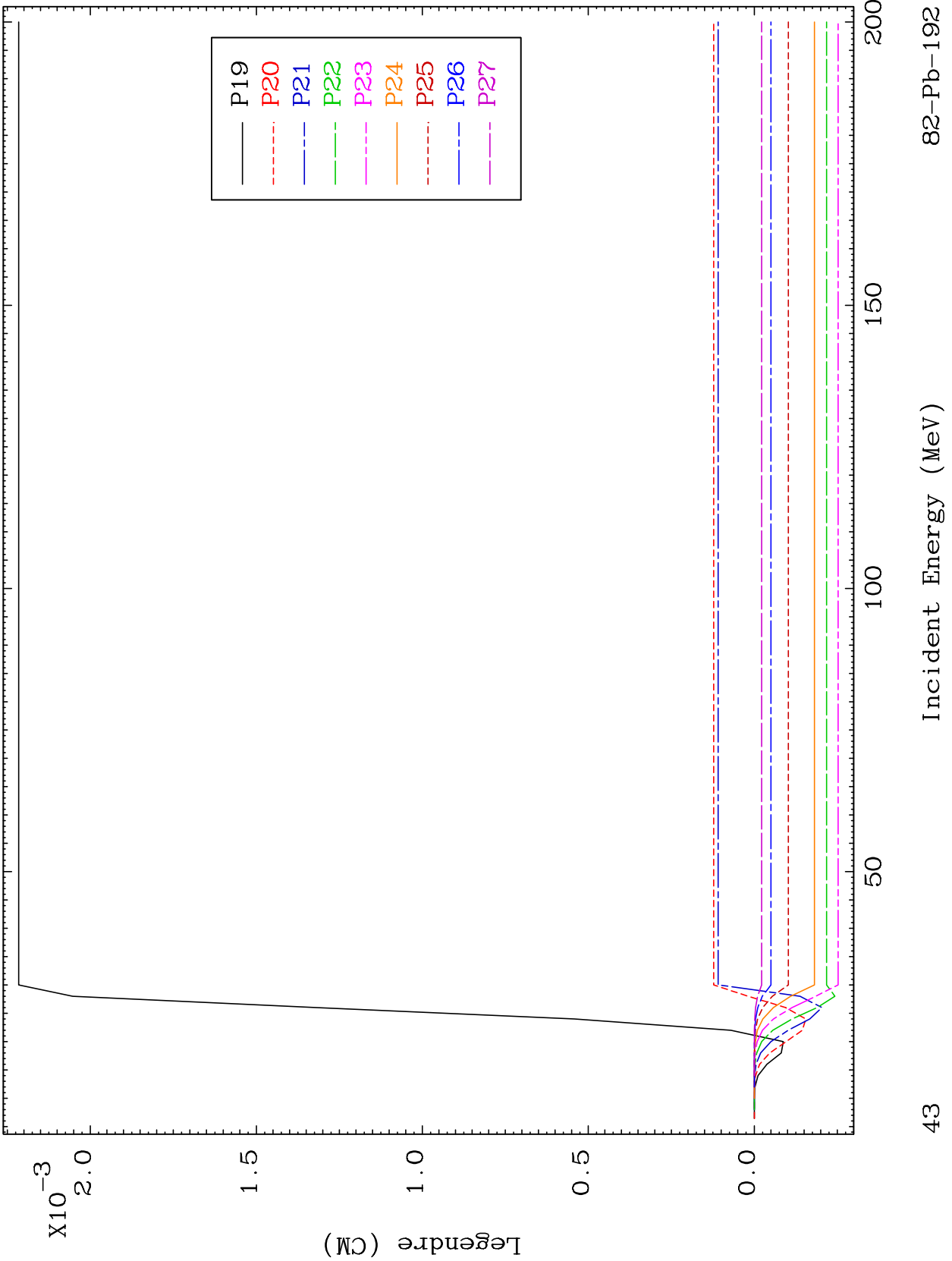
Incident Energy (MeV)

42

MAT 8189

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

82-Pb-192

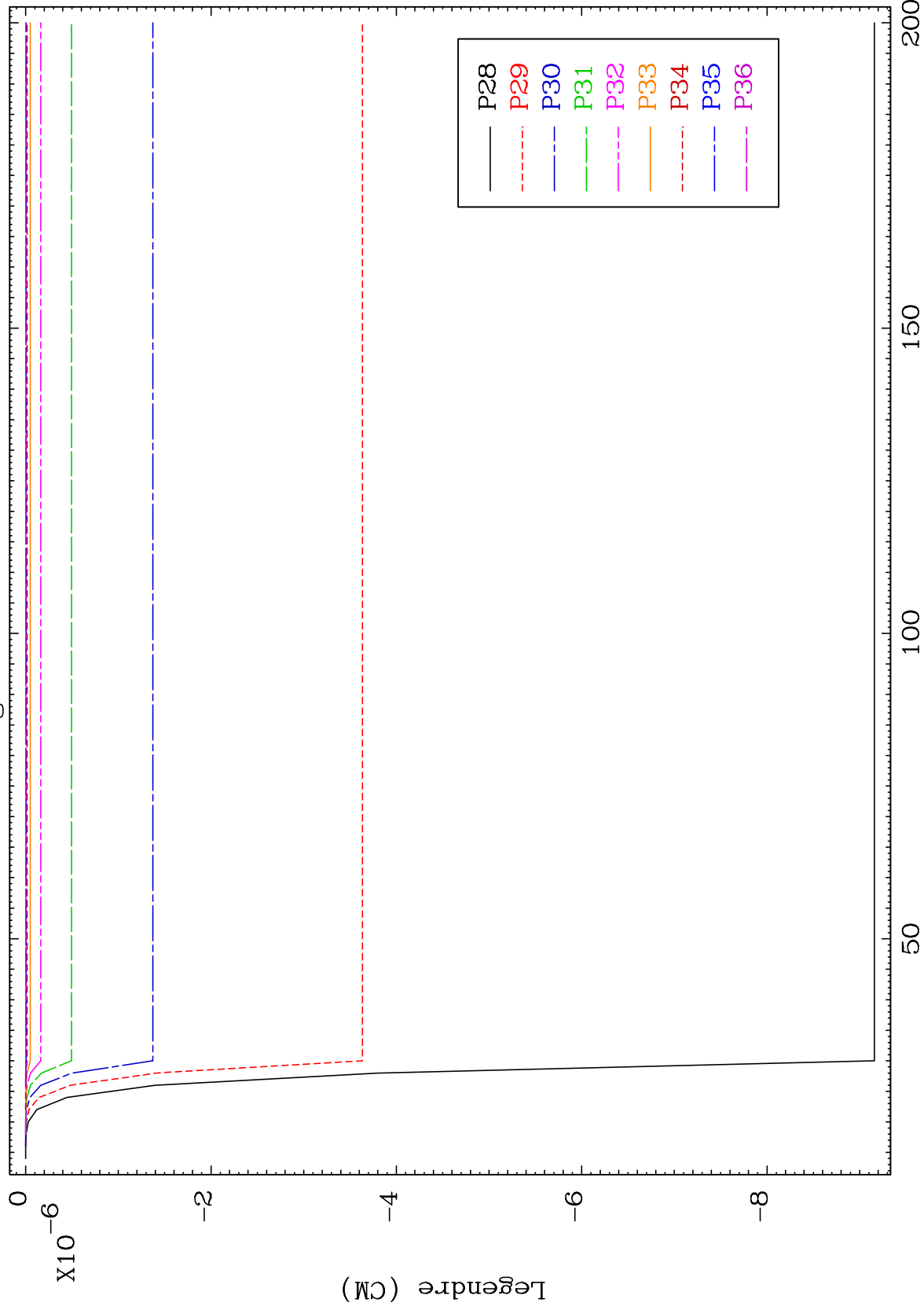


MAT 8189

MT= 57 (n,n') Level

82-Pb-192

Legendre Coefficients



82-Pb-192

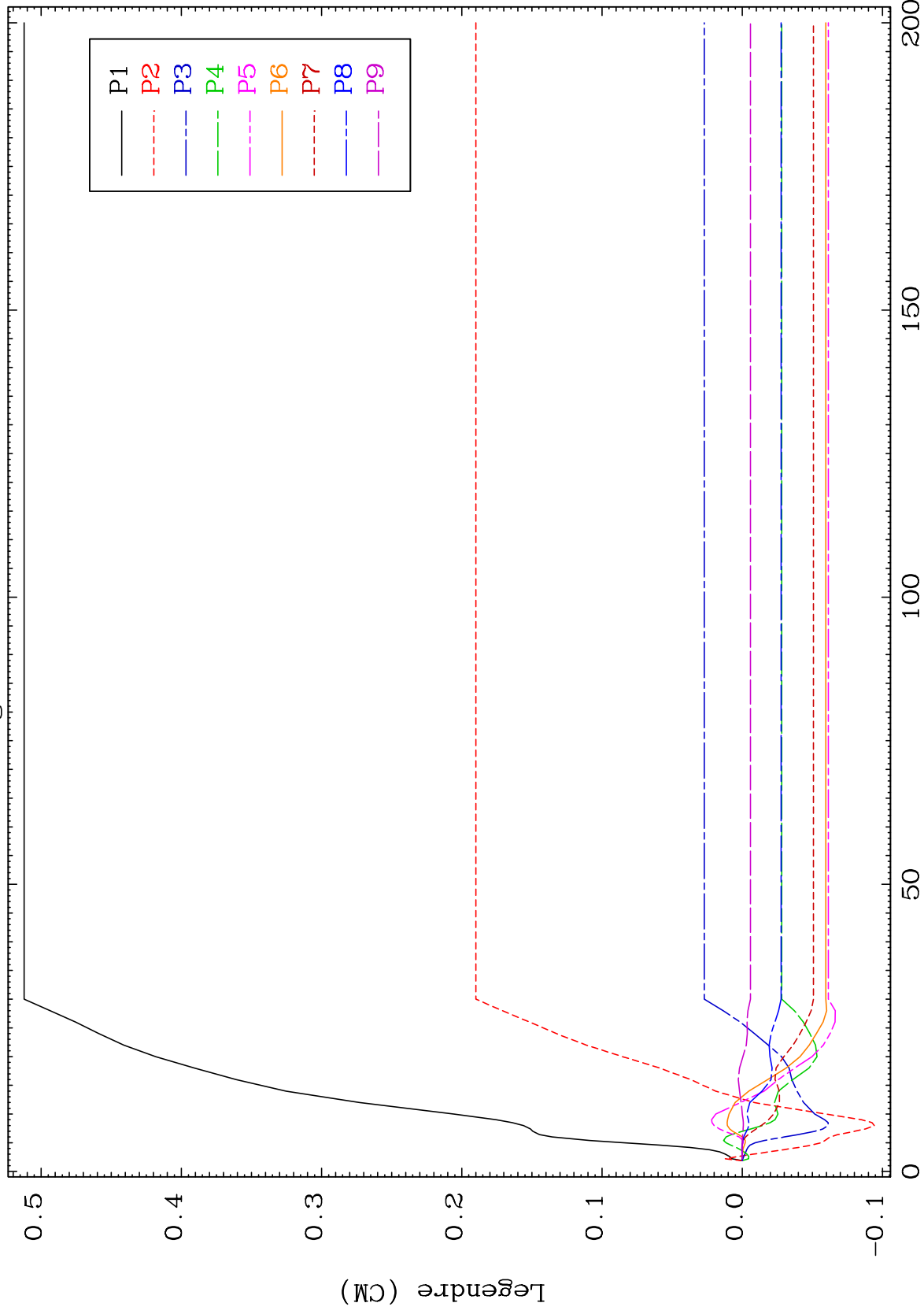
Incident Energy (MeV)

44

MAT 8189

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

82-Pb-192



45

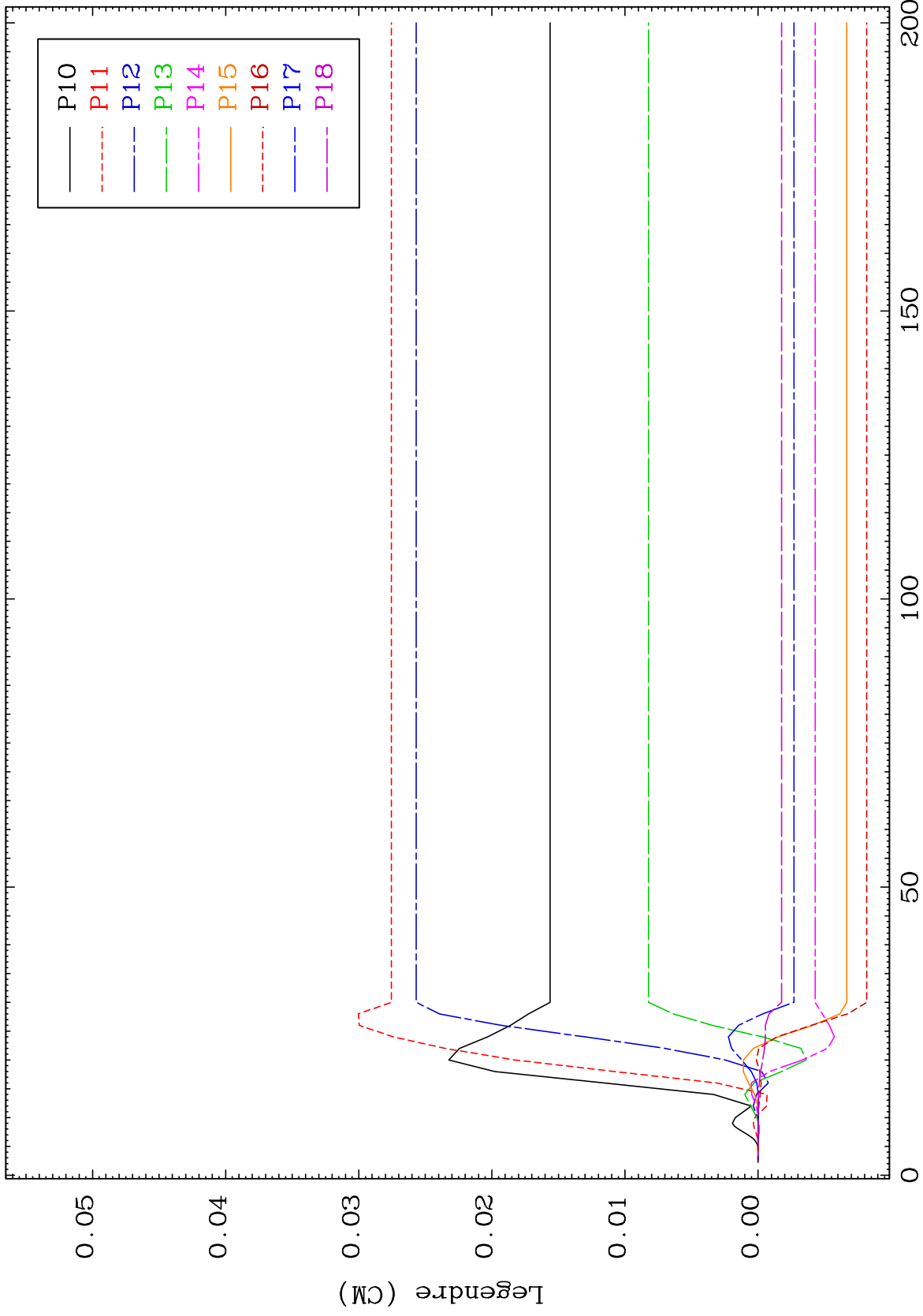
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



46

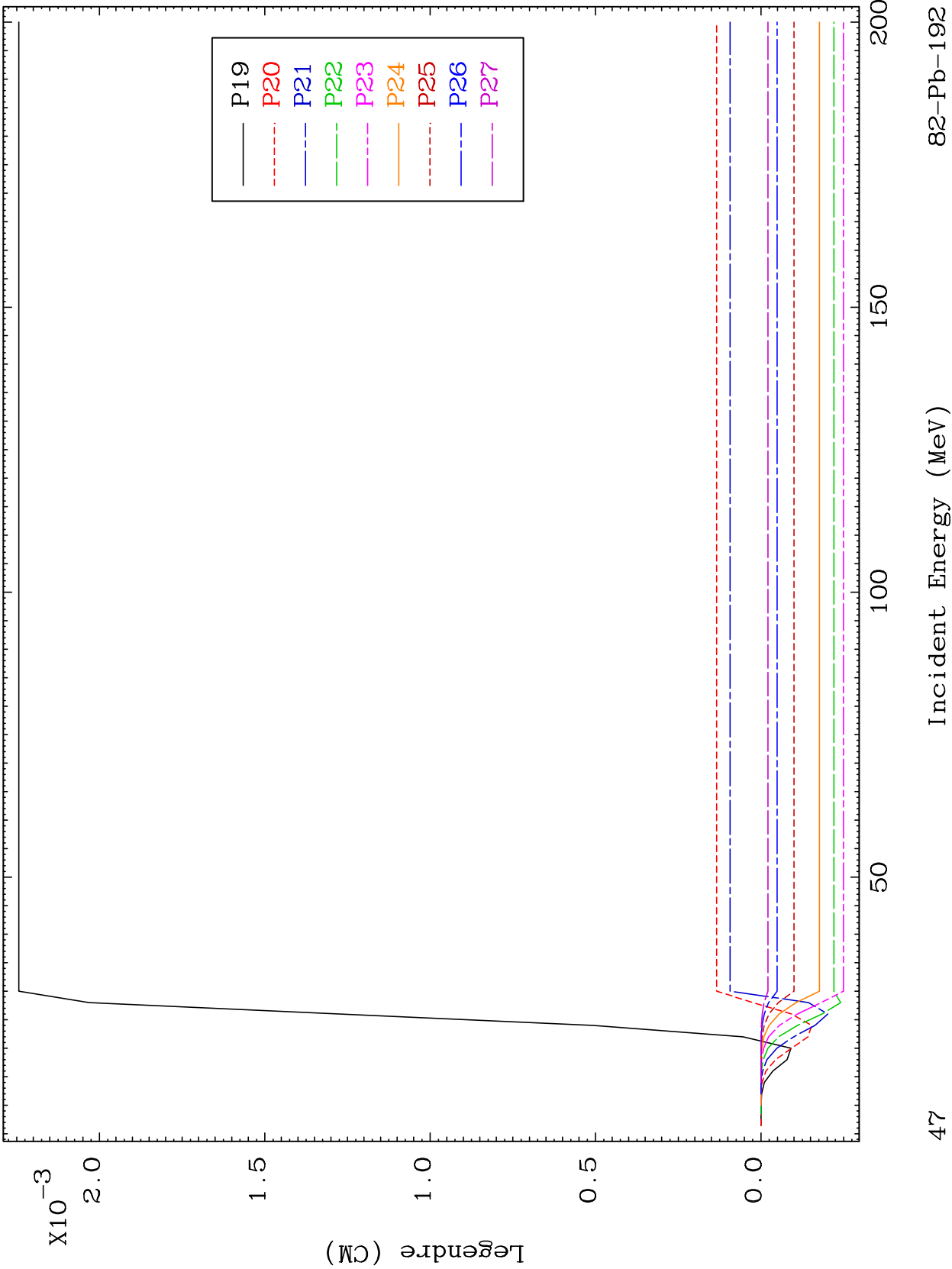
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

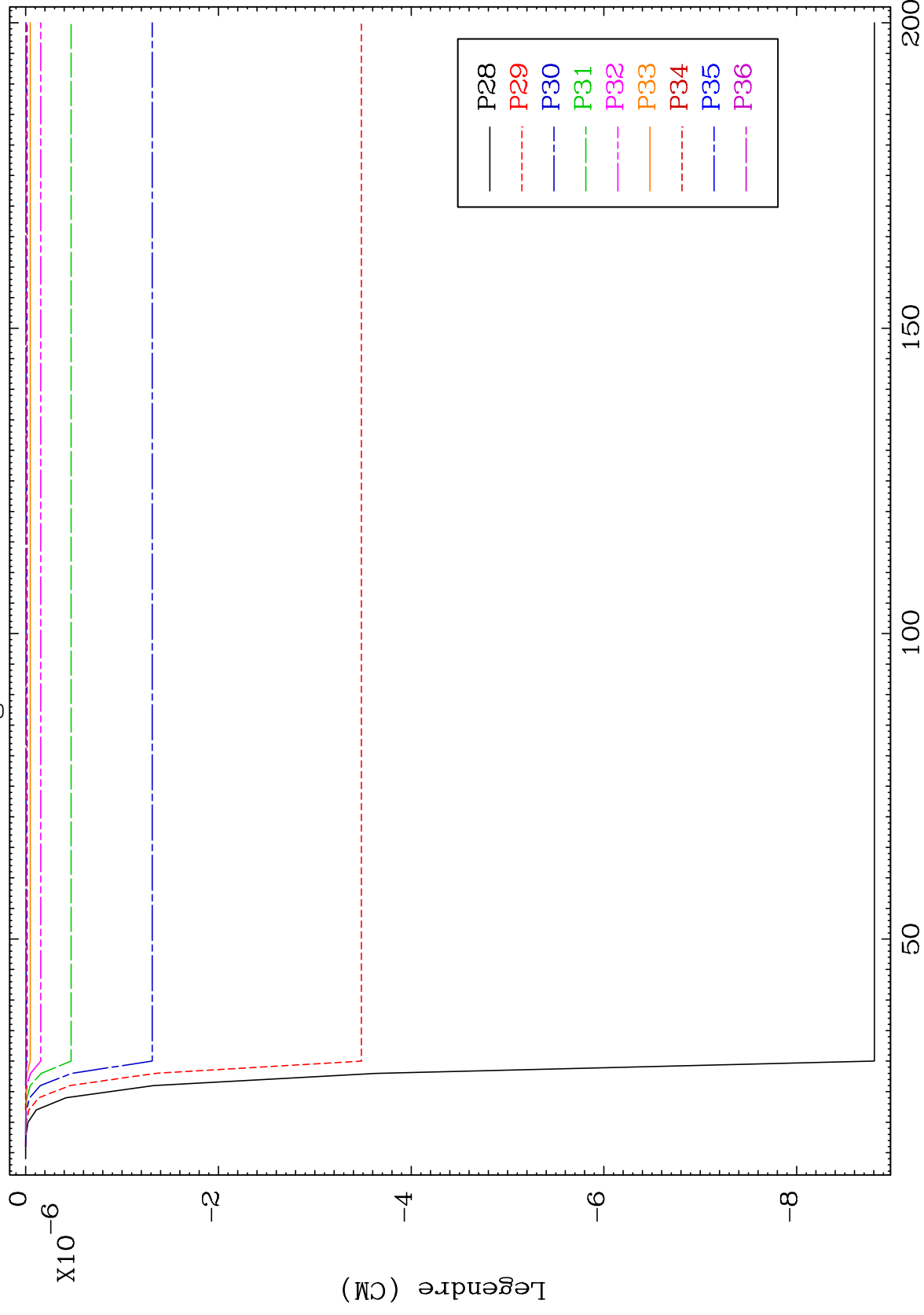
82-Pb-192



MAT 8189

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

82-Pb-192



48

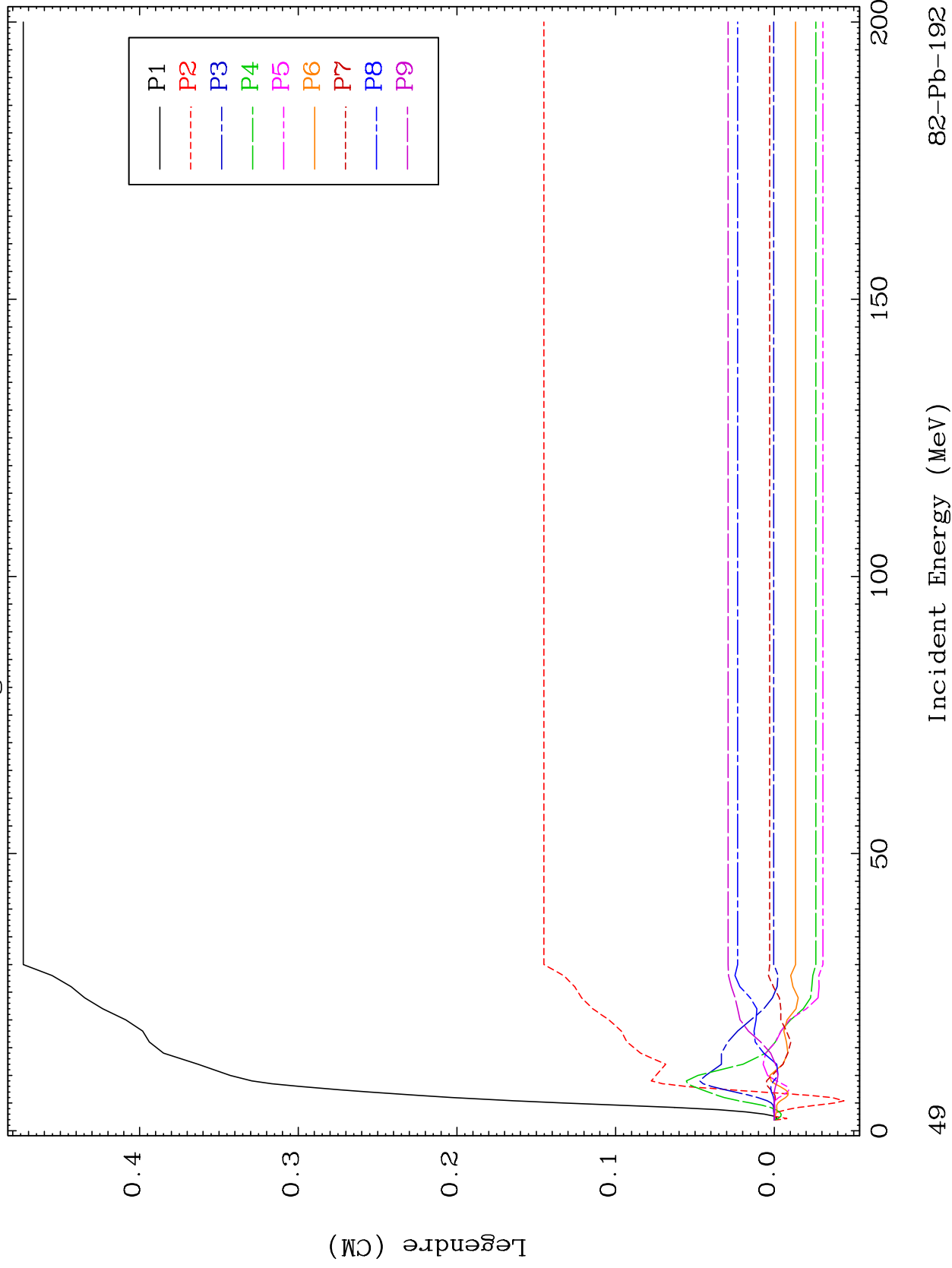
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

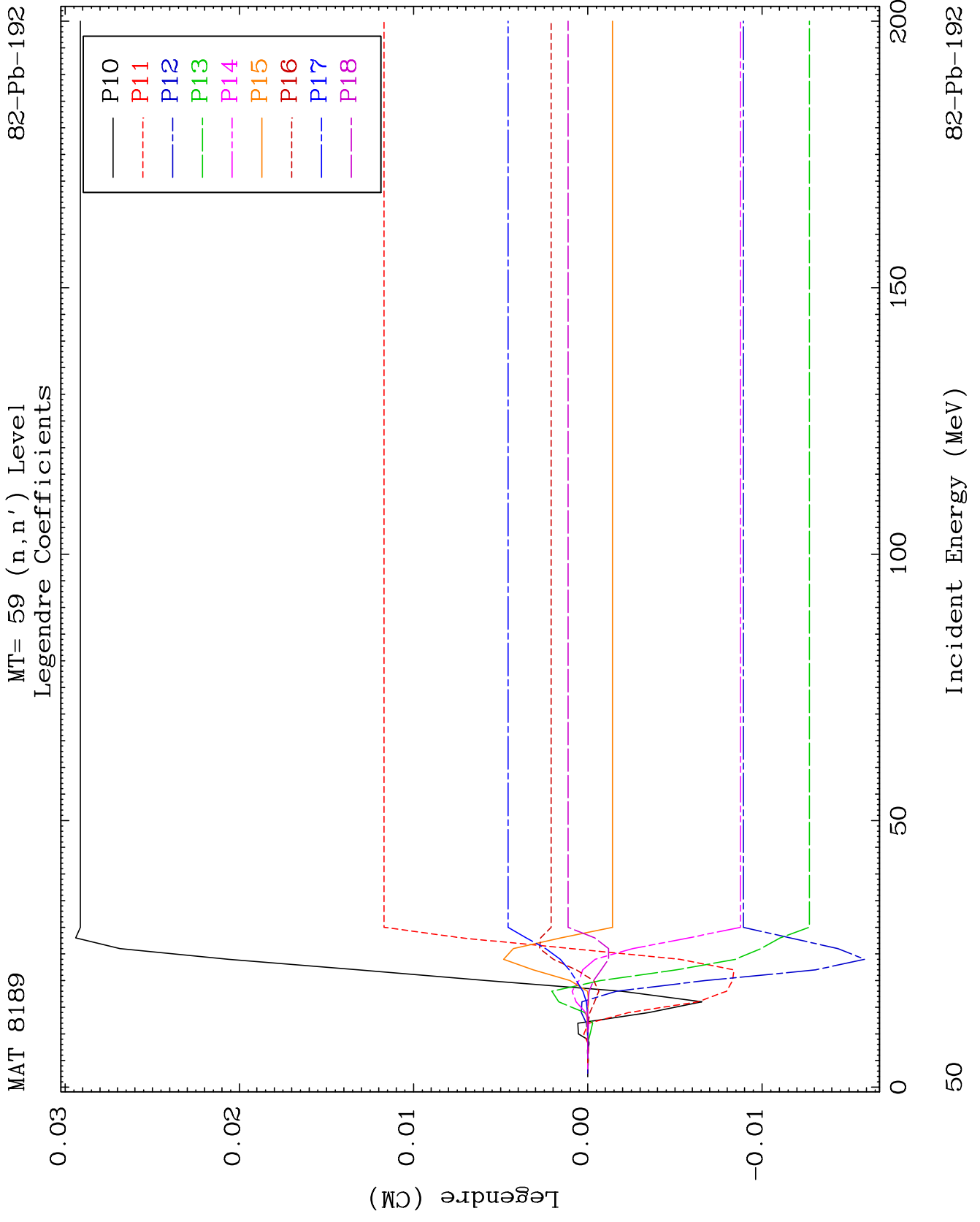
82-Pb-192



82-Pb-192

Incident Energy (MeV)

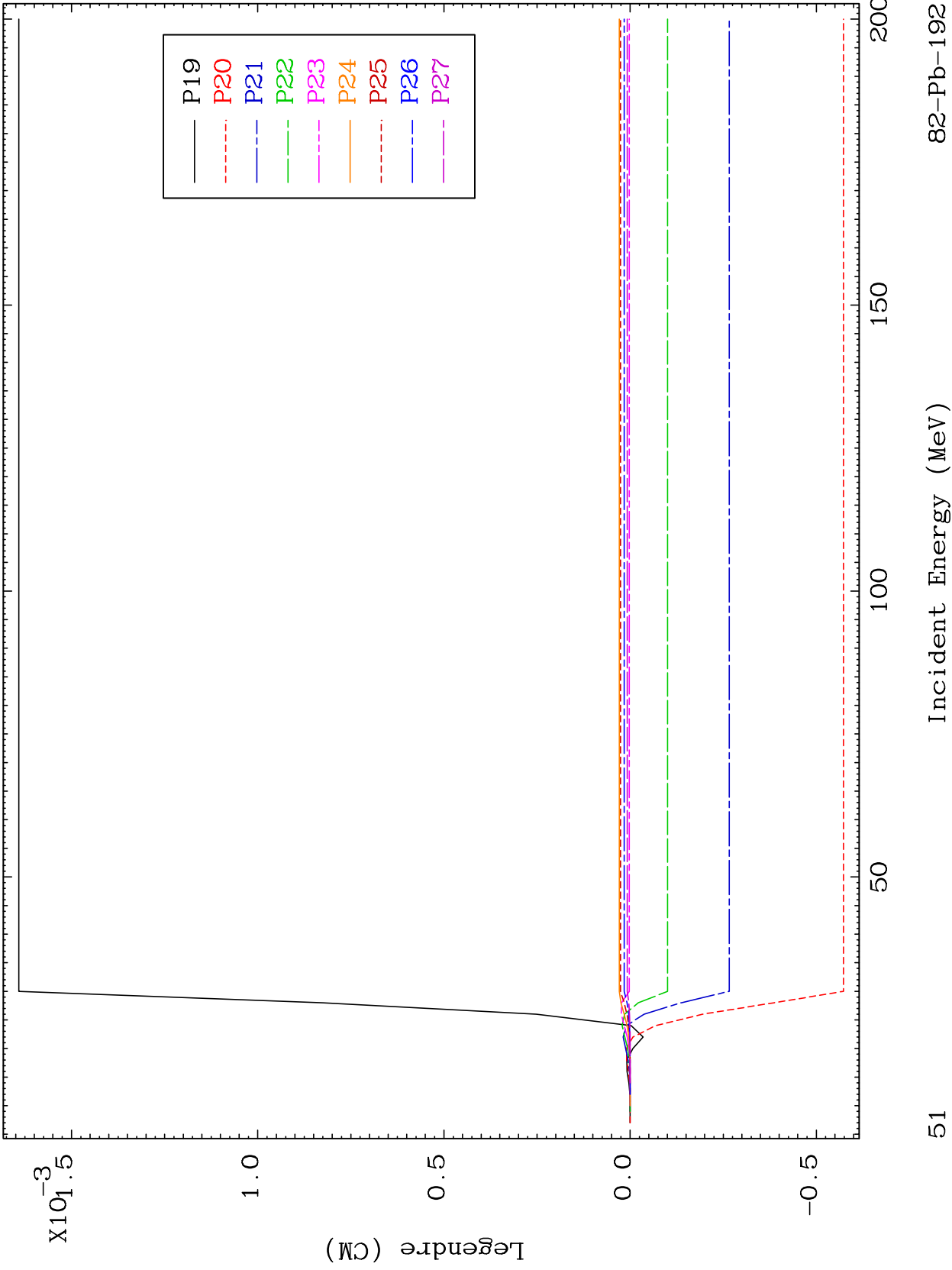
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MAT 8189

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

82-Pb-192



51

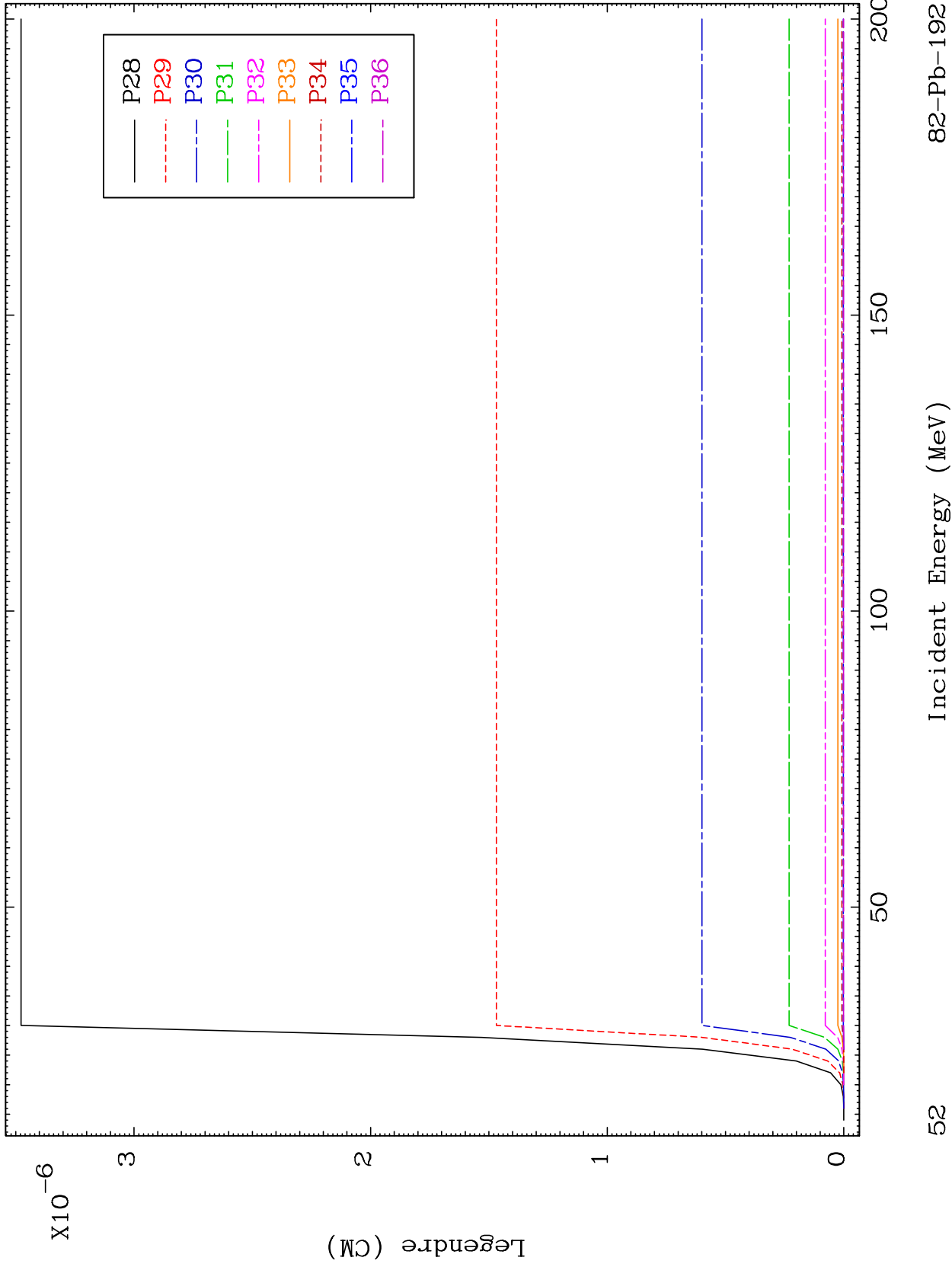
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



52

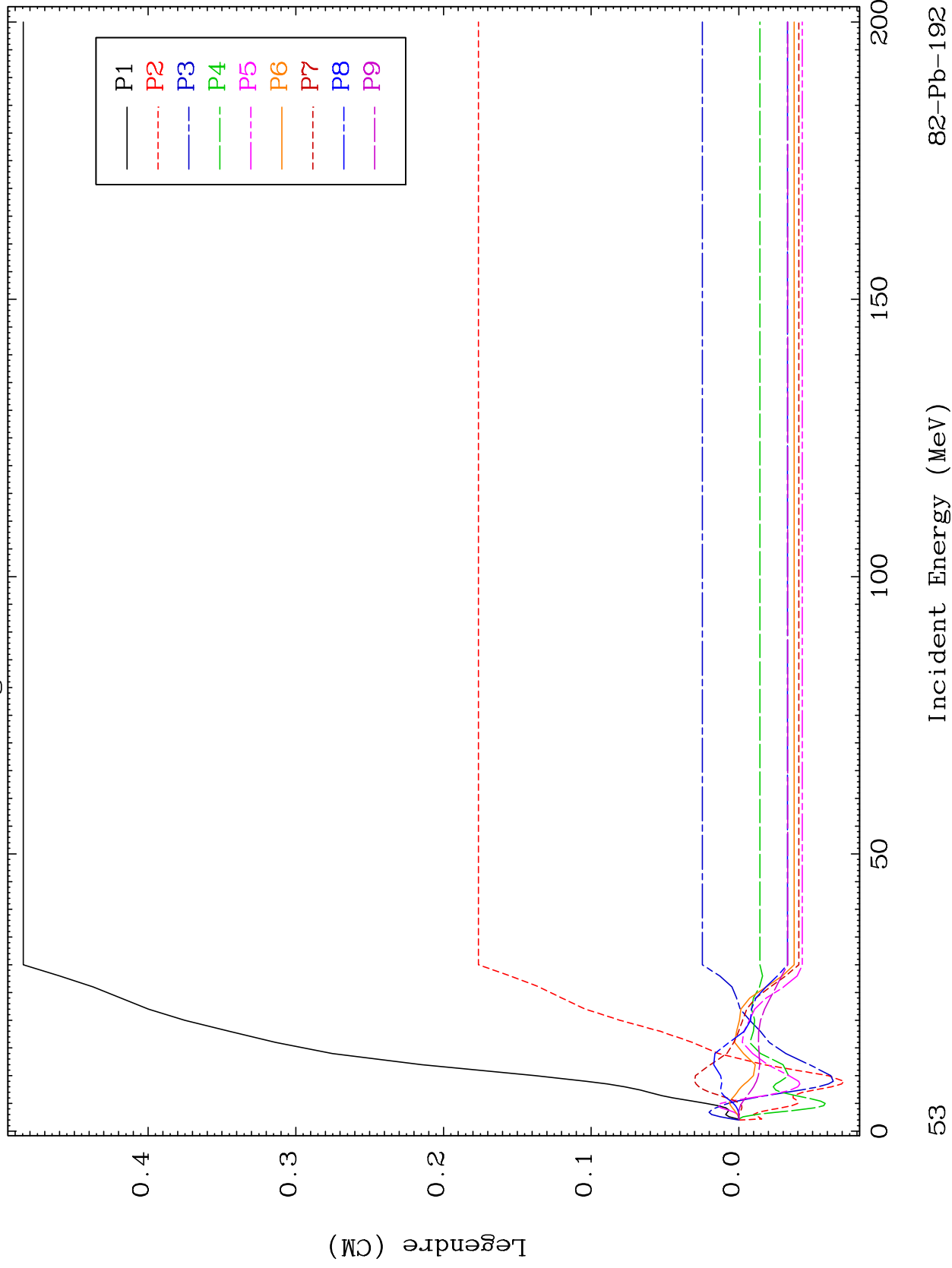
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



82-Pb-192

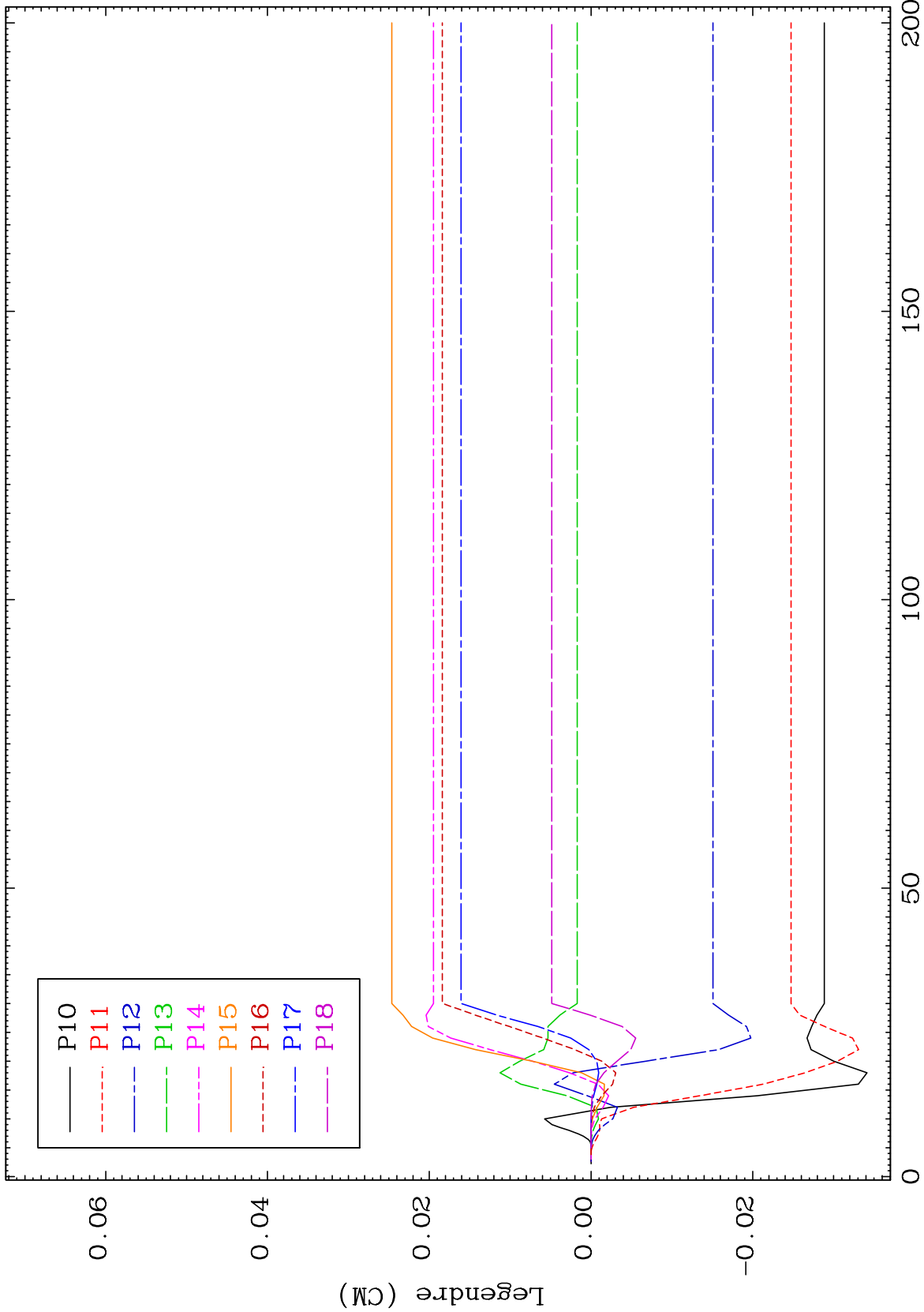
Incident Energy (MeV)

53

MAT 8189

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

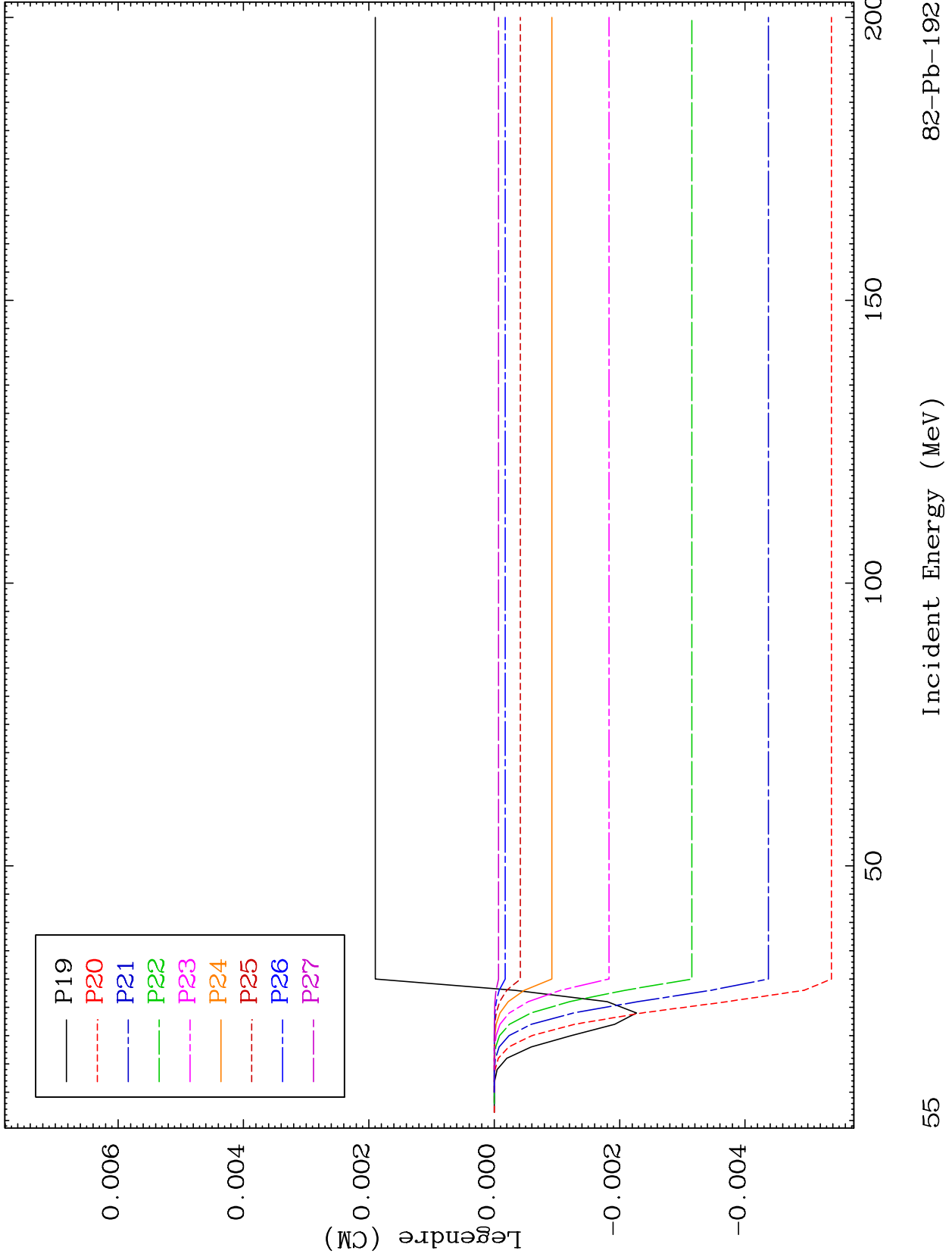
82-Pb-192



54

Incident Energy (MeV)

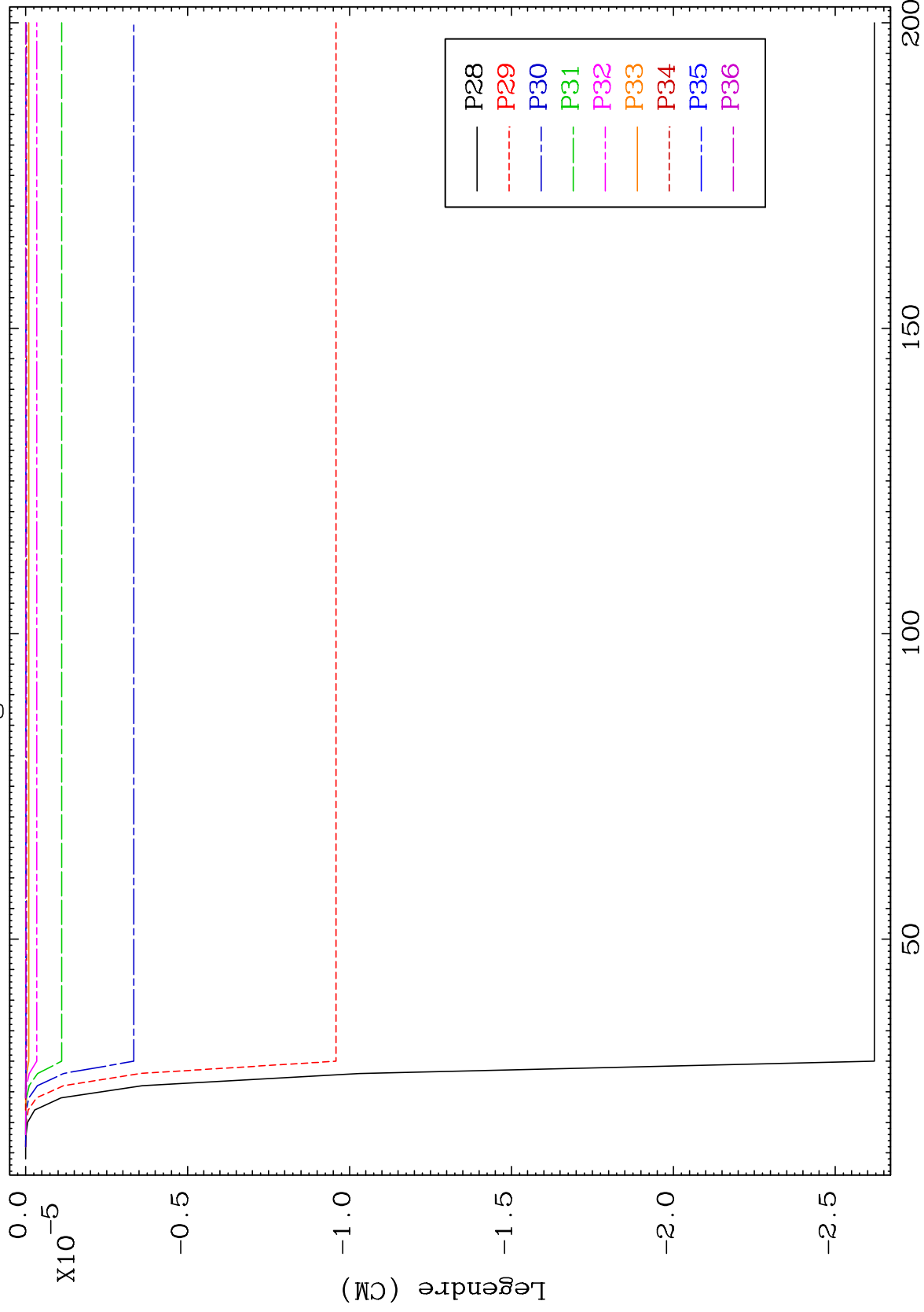
82-Pb-192



MAT 8189

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

82-Pb-192

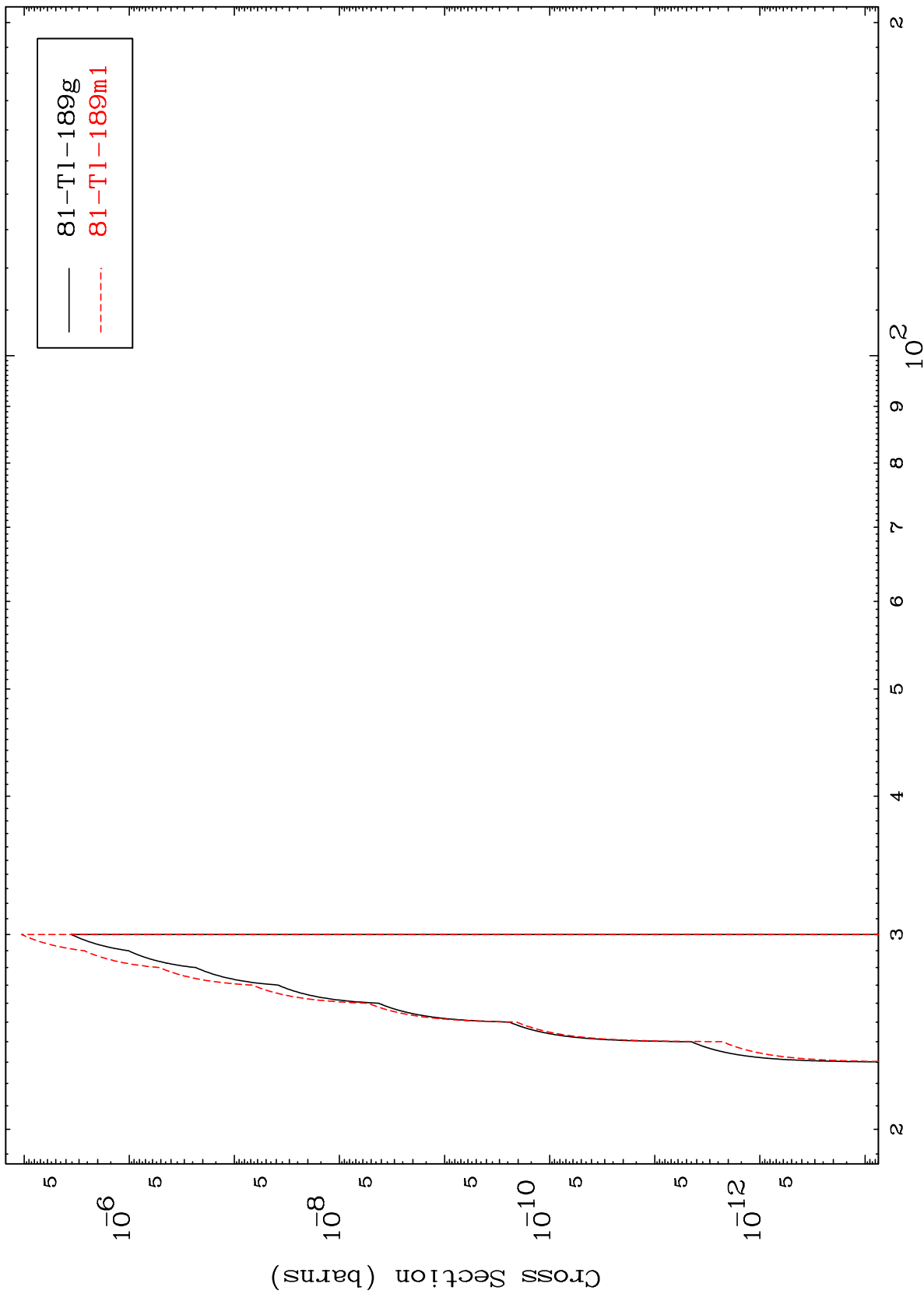


56

Incident Energy (MeV)

82-Pb-192

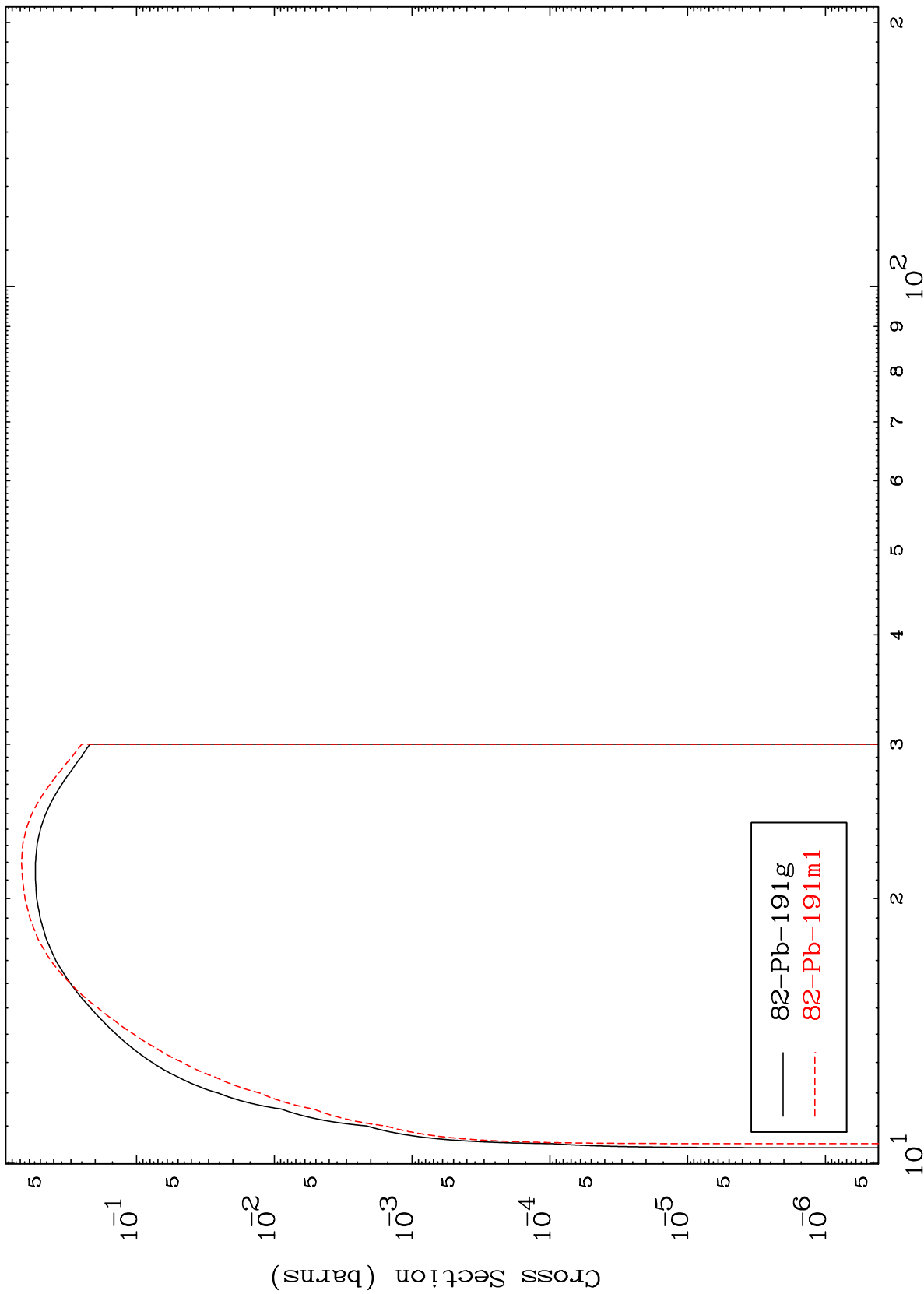
Radionuclide Production Cross Section



MAT 8189

82-Pb-192

(n,2n)
Radionuclide Production Cross Section



82-Pb-192

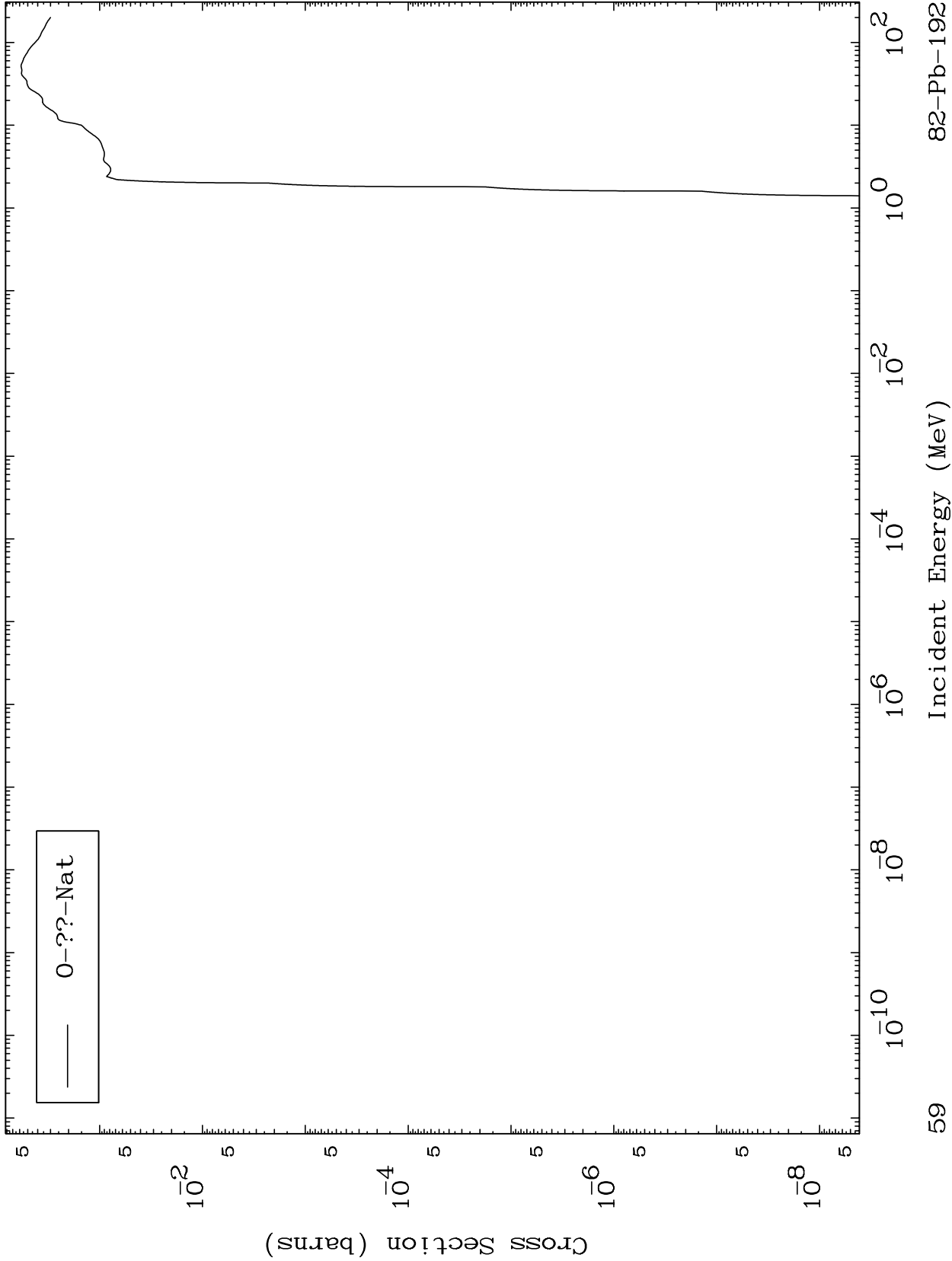
Incident Energy (MeV)

58

MAT 8189

Fission
Radionuclide Production Cross Section

82-Pb-192



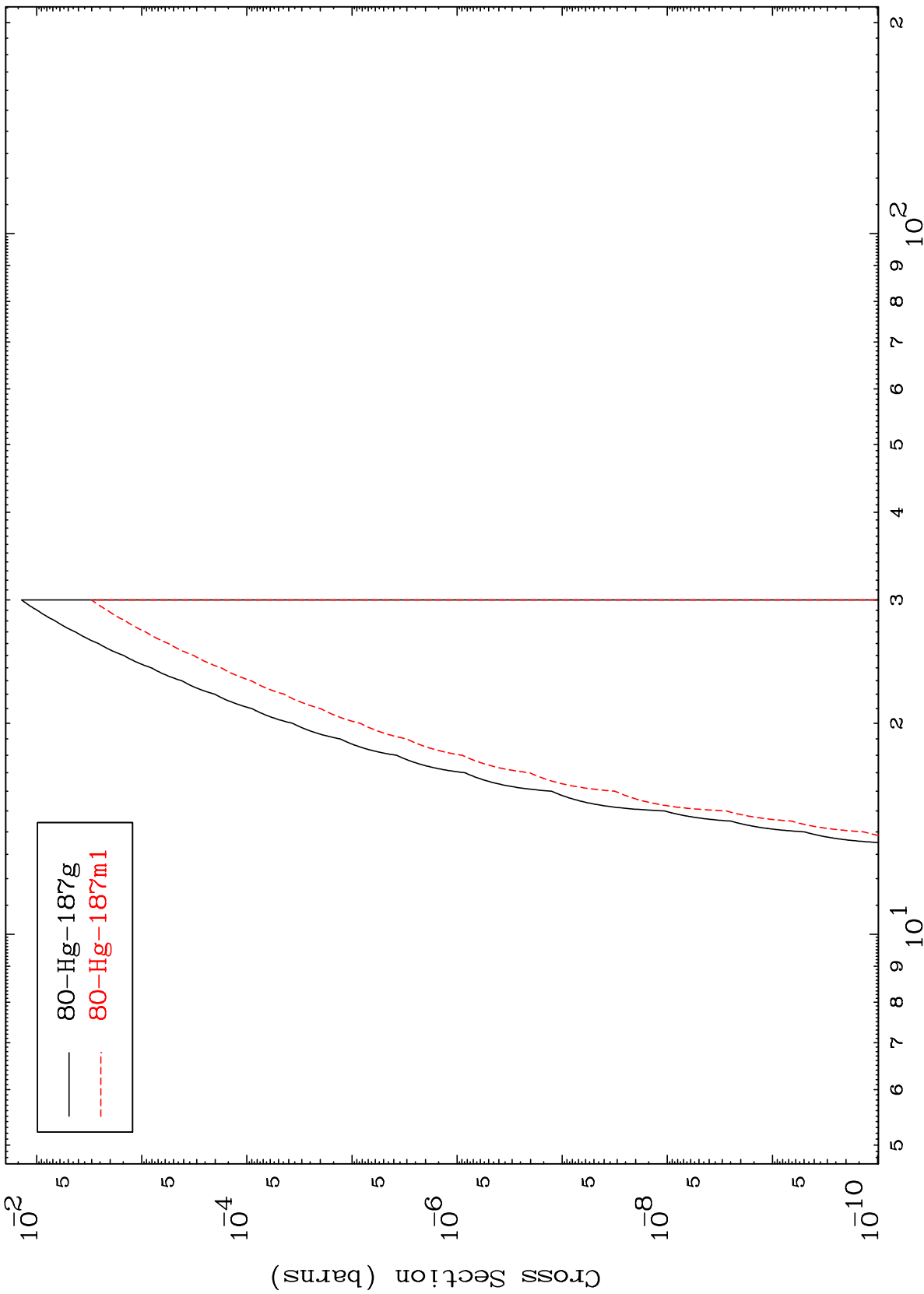
82-Pb-192

MAT 8189

(n,2n) α

82-Pb-192

Radionuclide Production Cross Section



80-Hg-187g
80-Hg-187m1

60

Incident Energy (MeV)

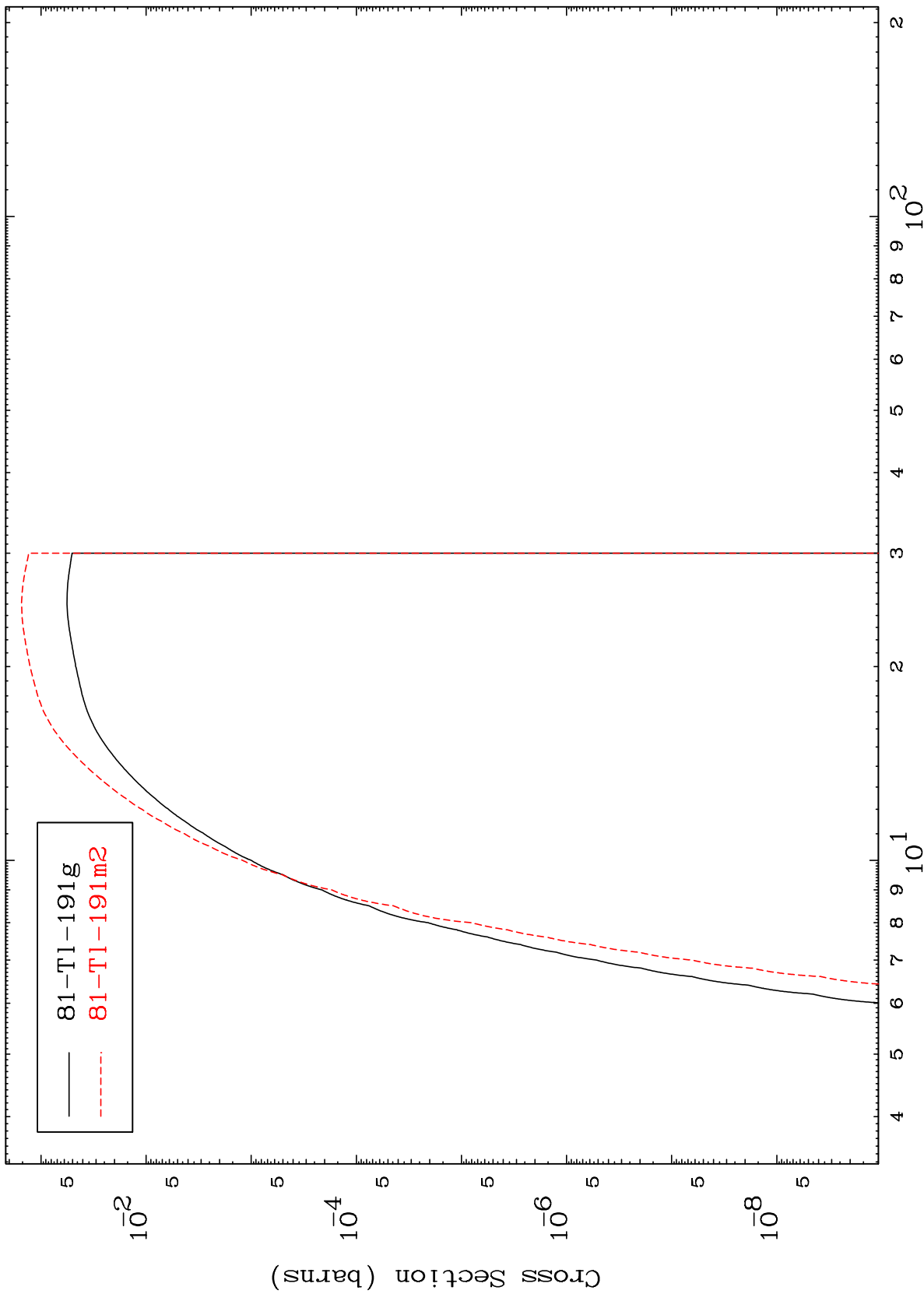
82-Pb-192

MAT 8189

(n,n') p

82-Pb-192

Radionuclide Production Cross Section



61

Incident Energy (MeV)

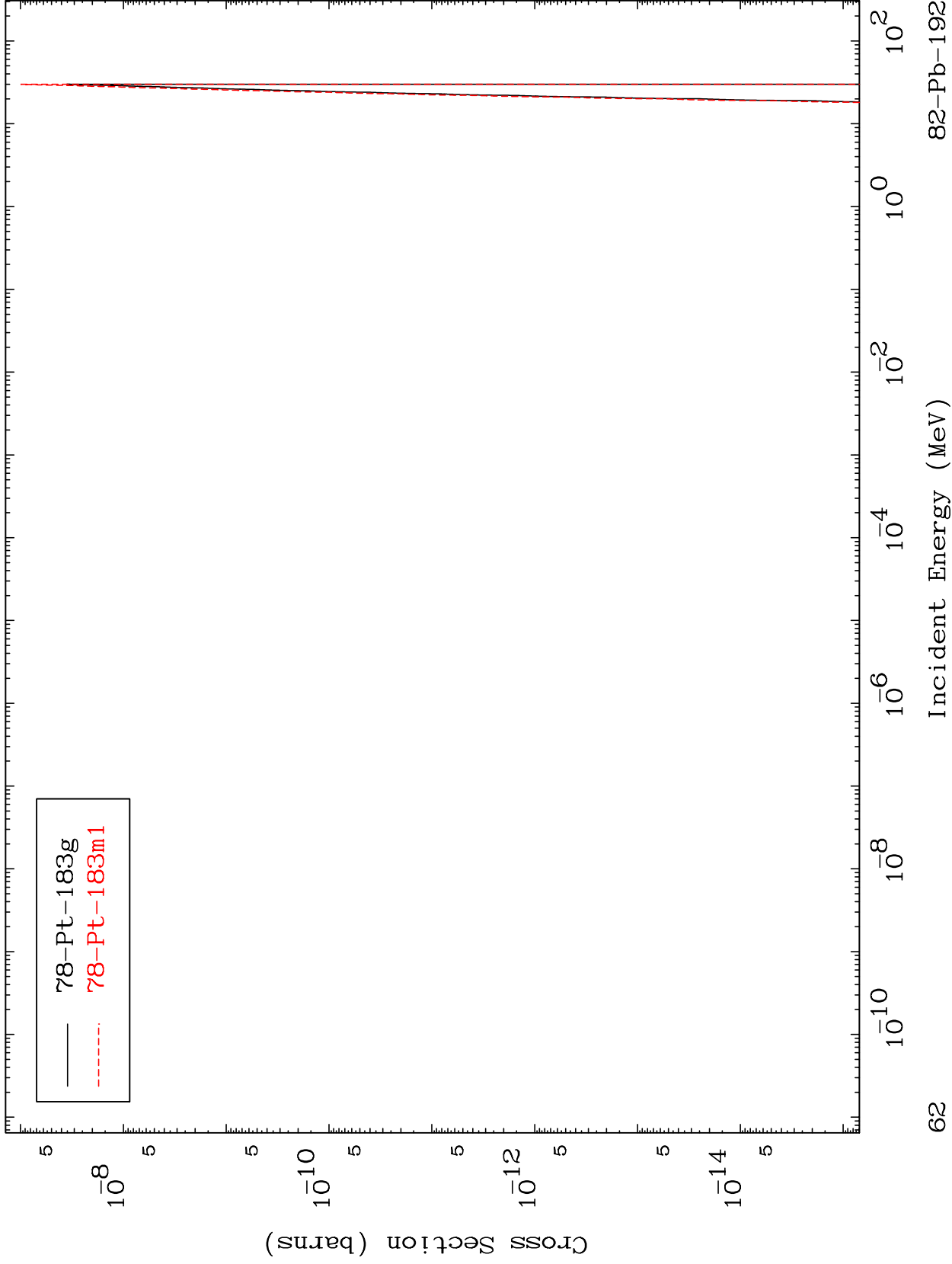
82-Pb-192

MAT 8189

(n,2n) 2 α

82-Pb-192

Radionuclide Production Cross Section



62

Incident Energy (MeV)

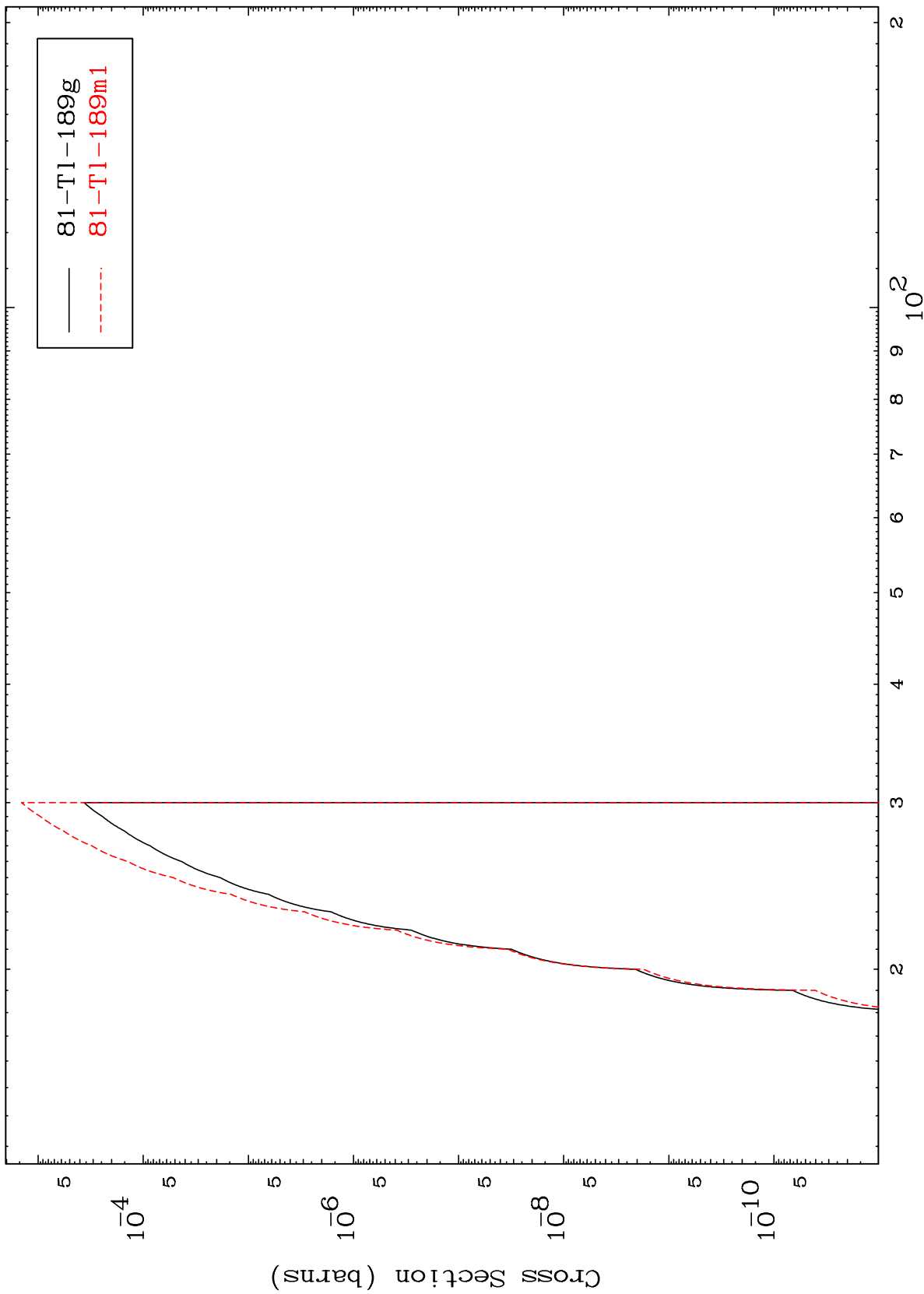
82-Pb-192

MAT 8189

(n,n') t

82-Pb-192

Radionuclide Production Cross Section



63

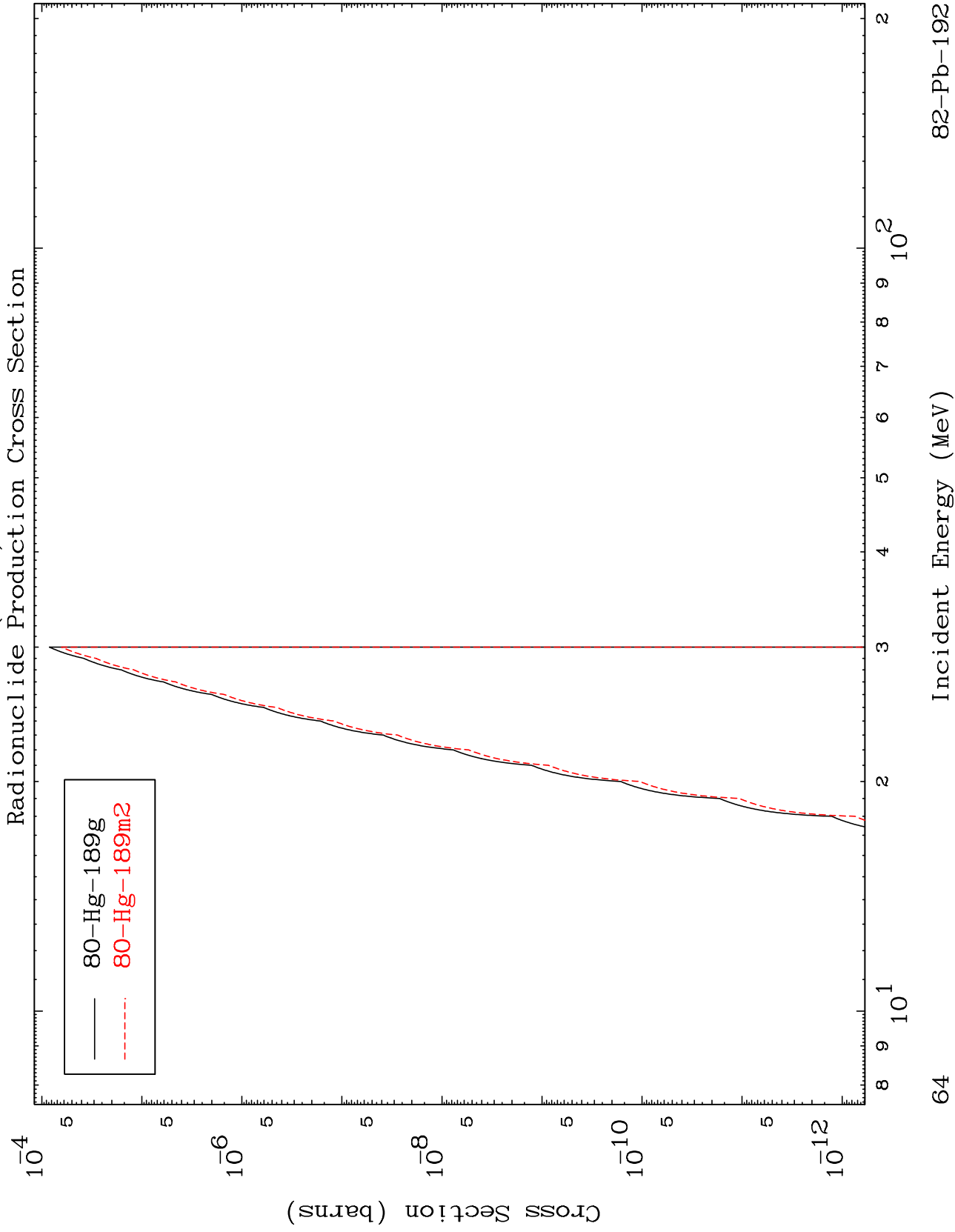
Incident Energy (MeV)

82-Pb-192

MAT 8189

(n,n') He-3

82-Pb-192

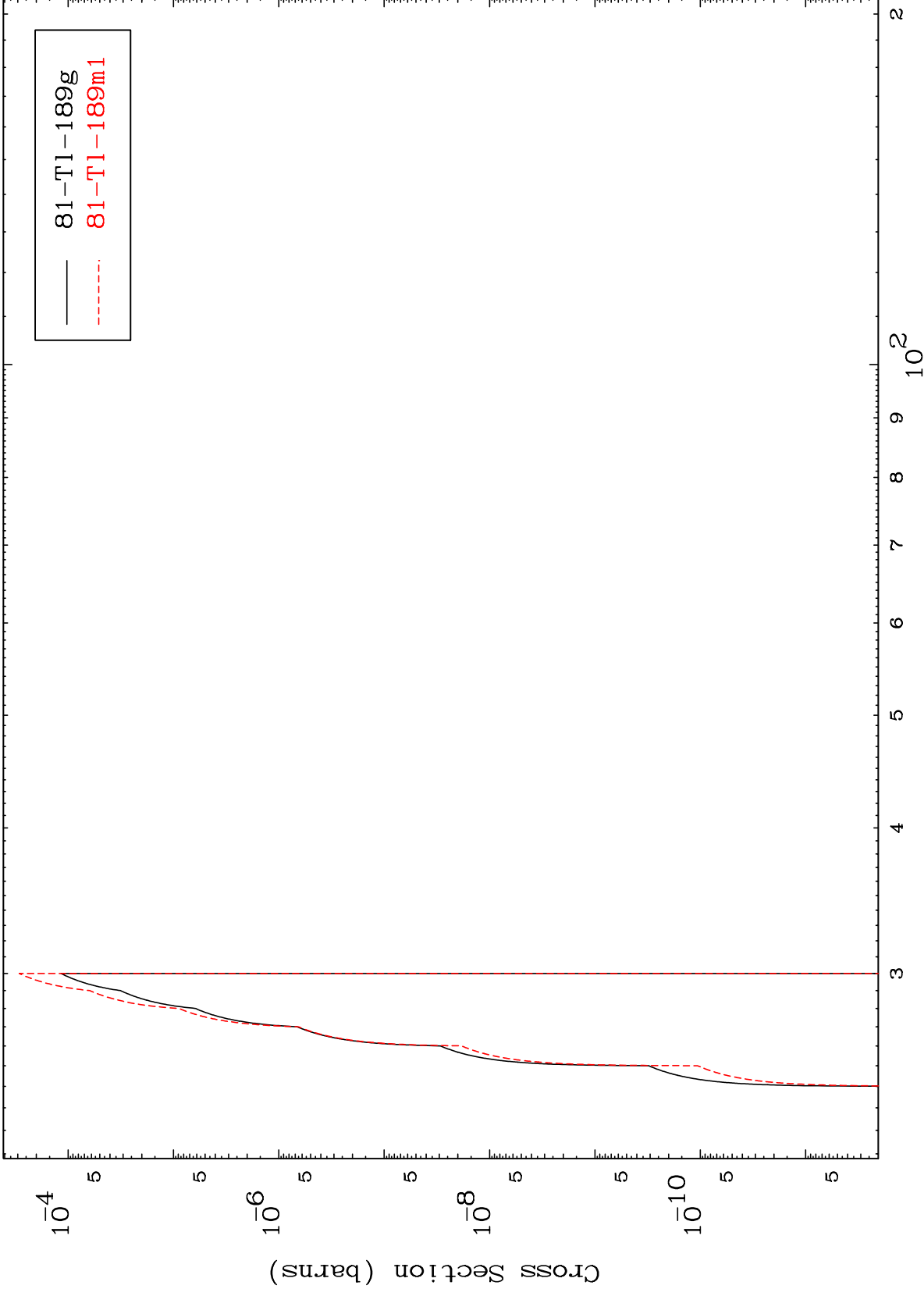


MAT 8189

(n,3n) p

82-Pb-192

Radionuclide Production Cross Section



65

Incident Energy (MeV)

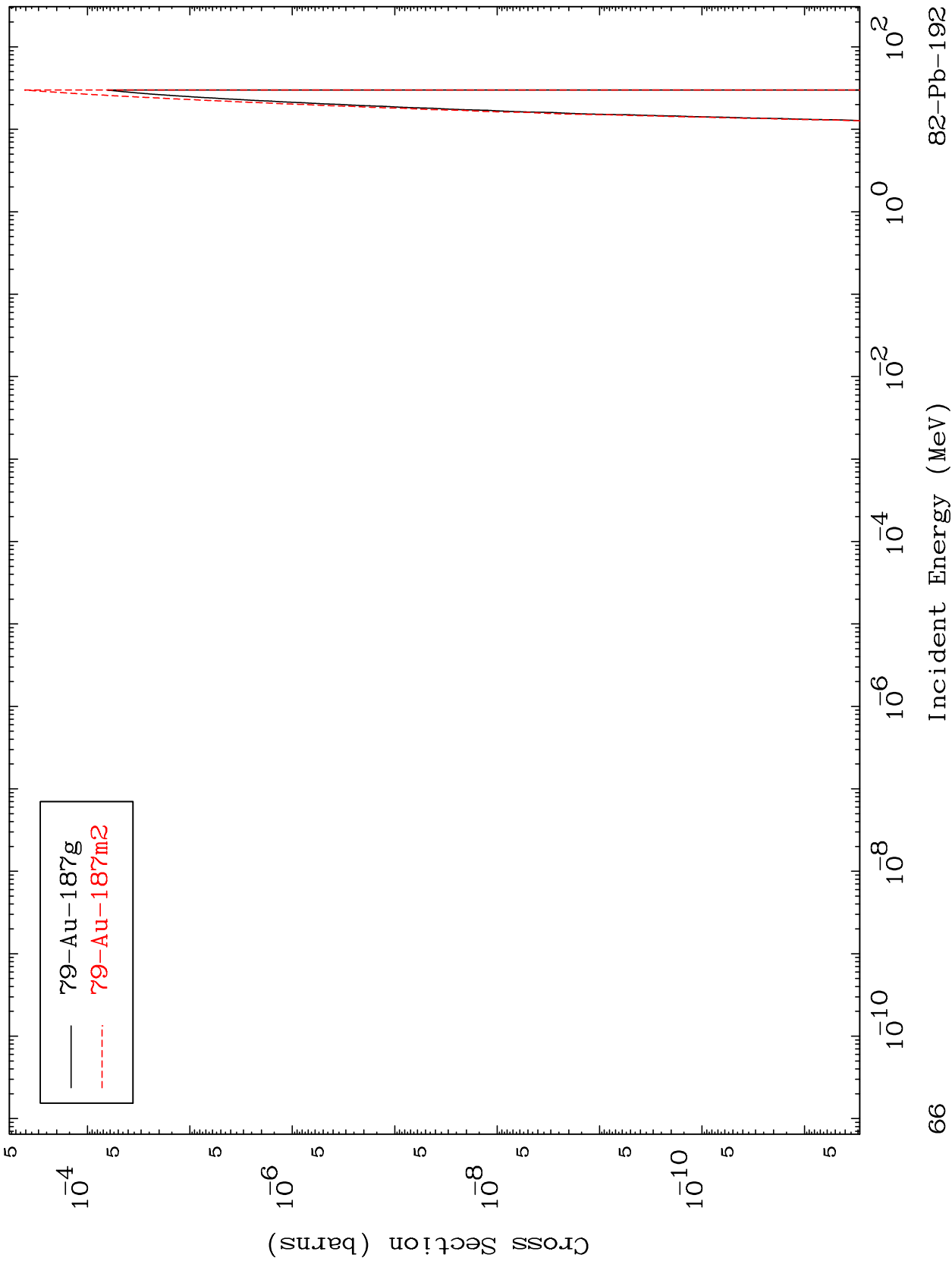
82-Pb-192

MAT 8189

(n,n') p α

82-Pb-192

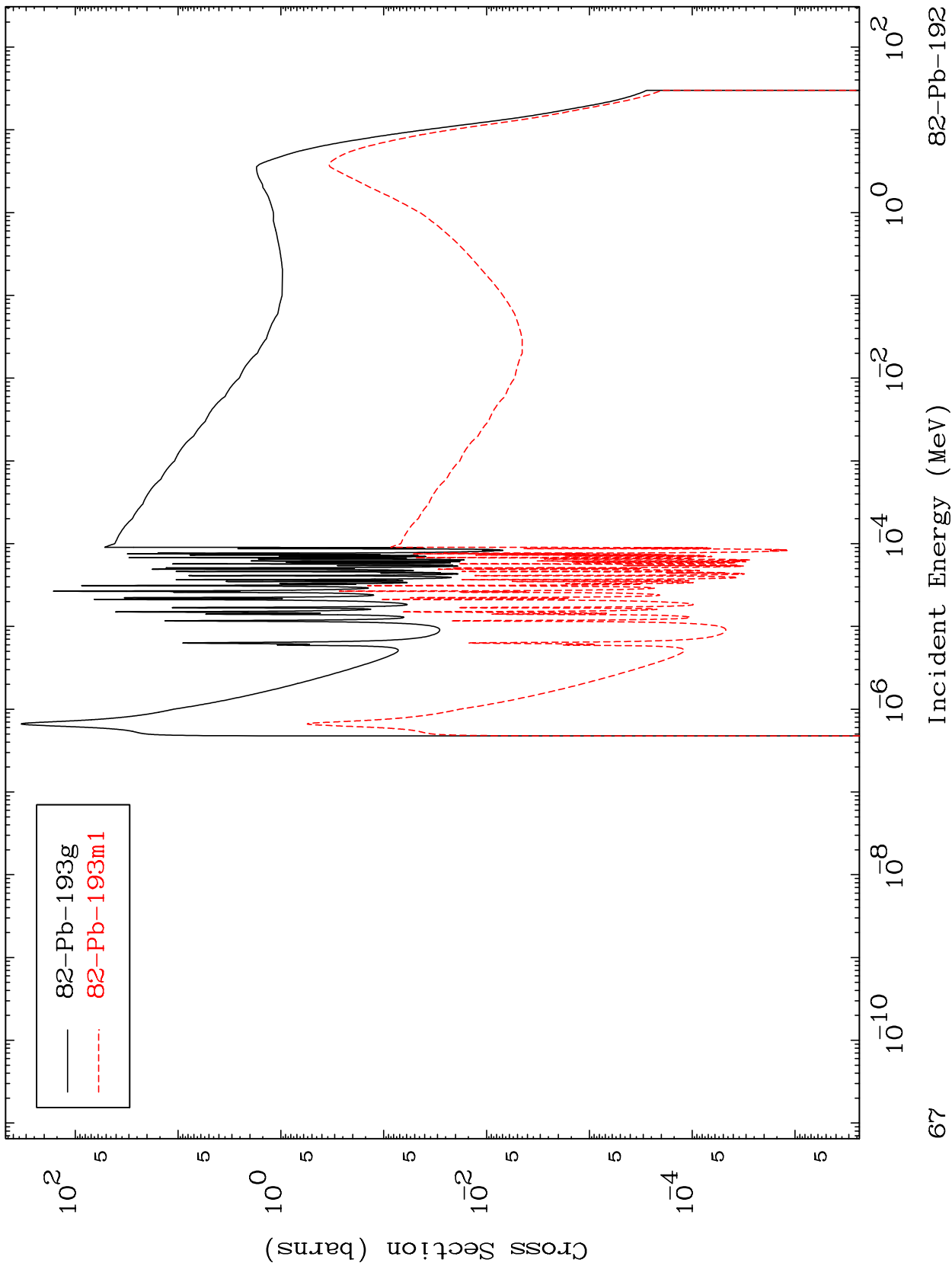
Radionuclide Production Cross Section



MAT 8189

82-Pb-192

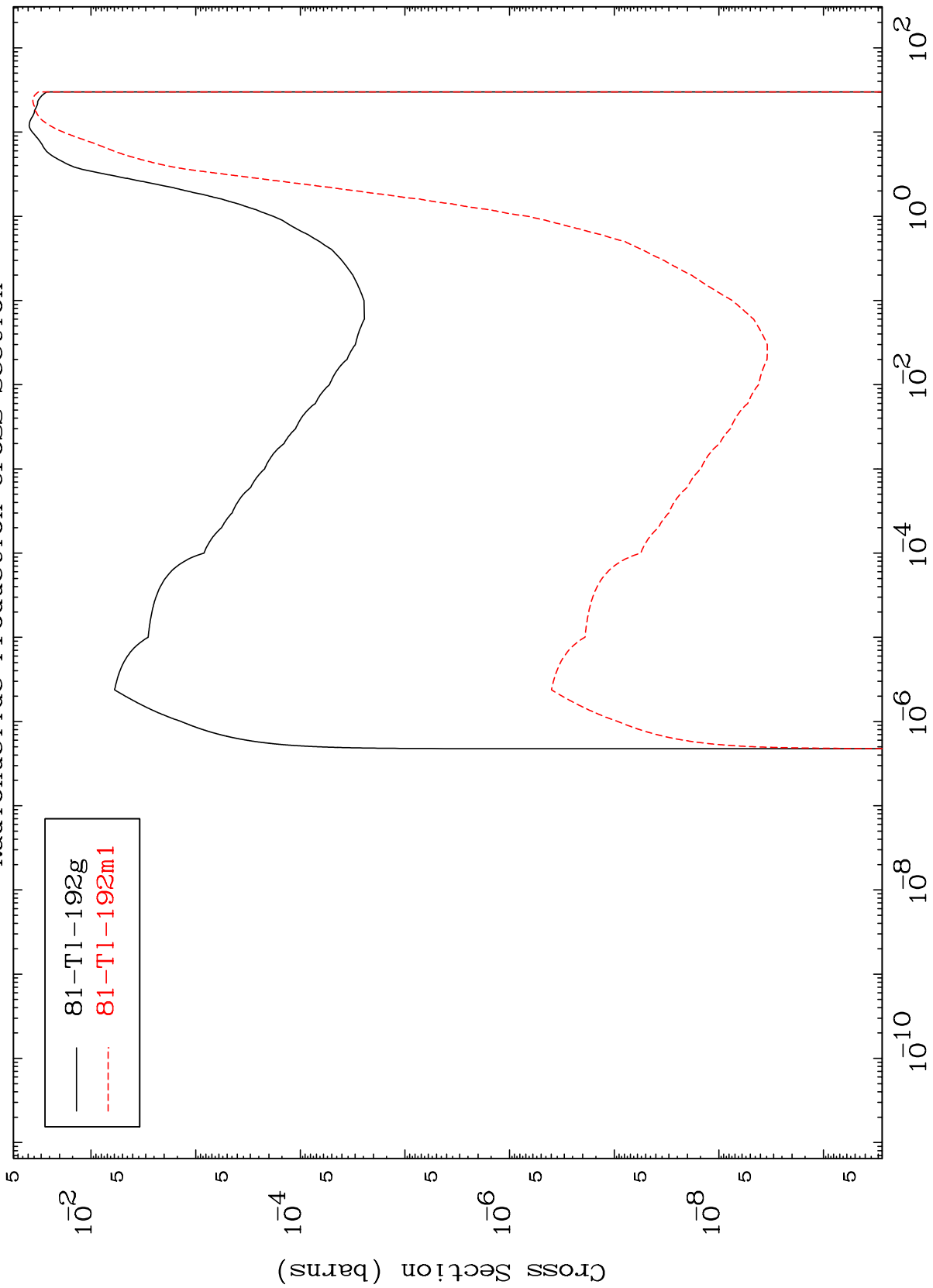
Radionuclide Production Cross Section
(n, γ)



MAT 8189

82-Pb-192

(n,p)
Radionuclide Production Cross Section



— 81-Tl-192g
- - - 81-Tl-192m1

68

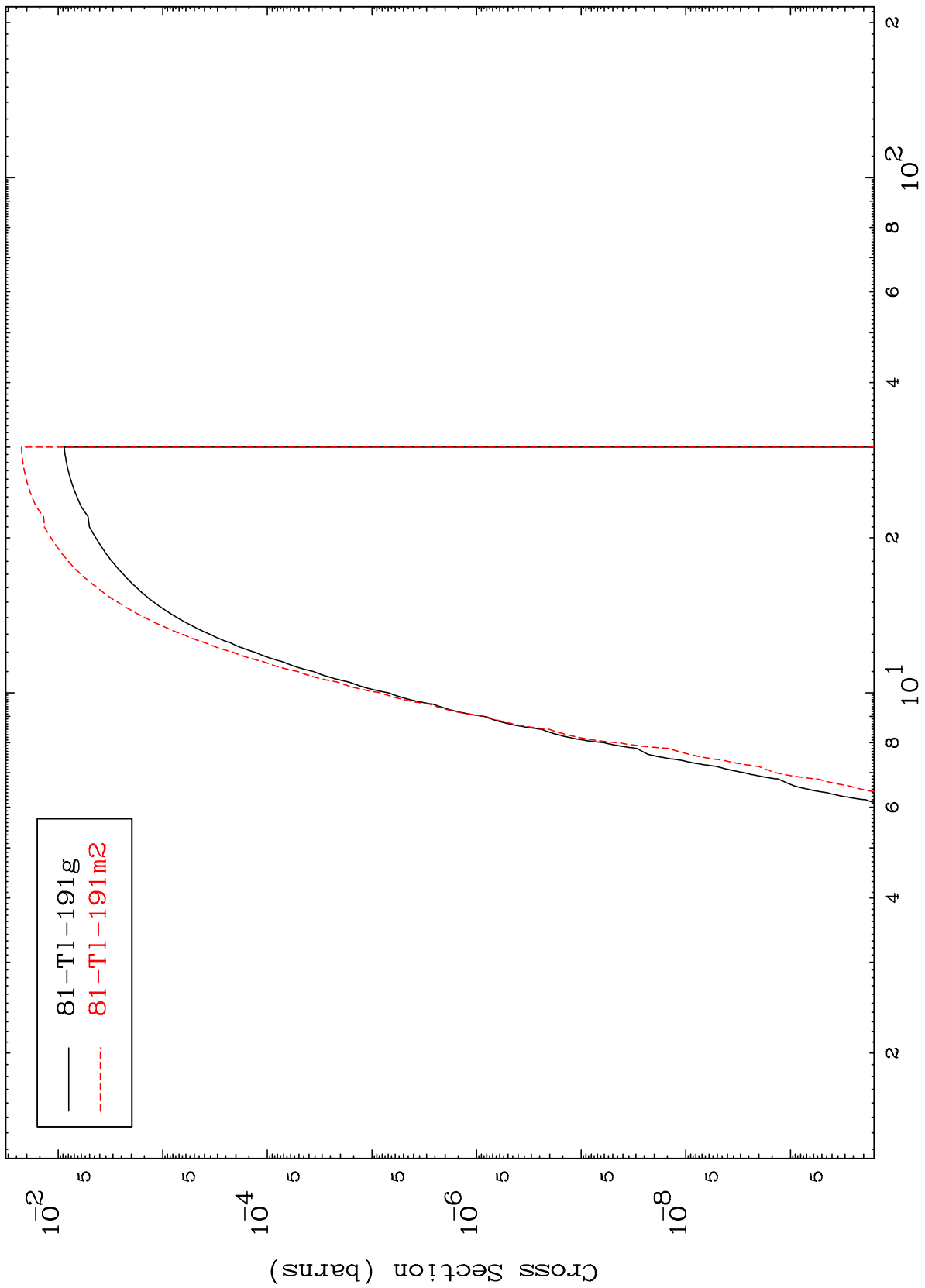
82-Pb-192

Incident Energy (MeV)

MAT 8189

82-Pb-192

(n,d)
Radionuclide Production Cross Section



69

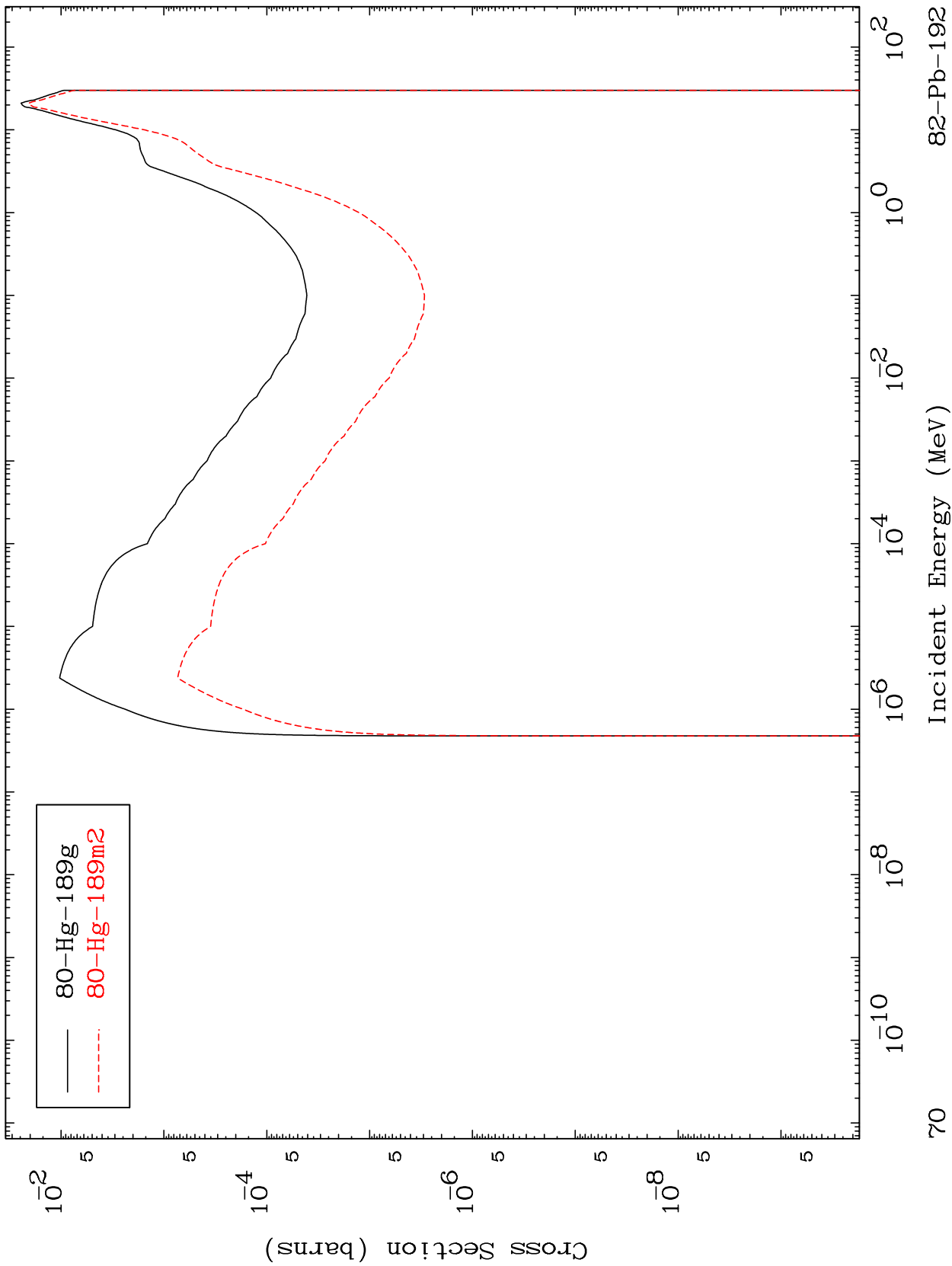
82-Pb-192

Incident Energy (MeV)

MAT 8189

82-Pb-192

Radionuclide Production Cross Section
(n, α)



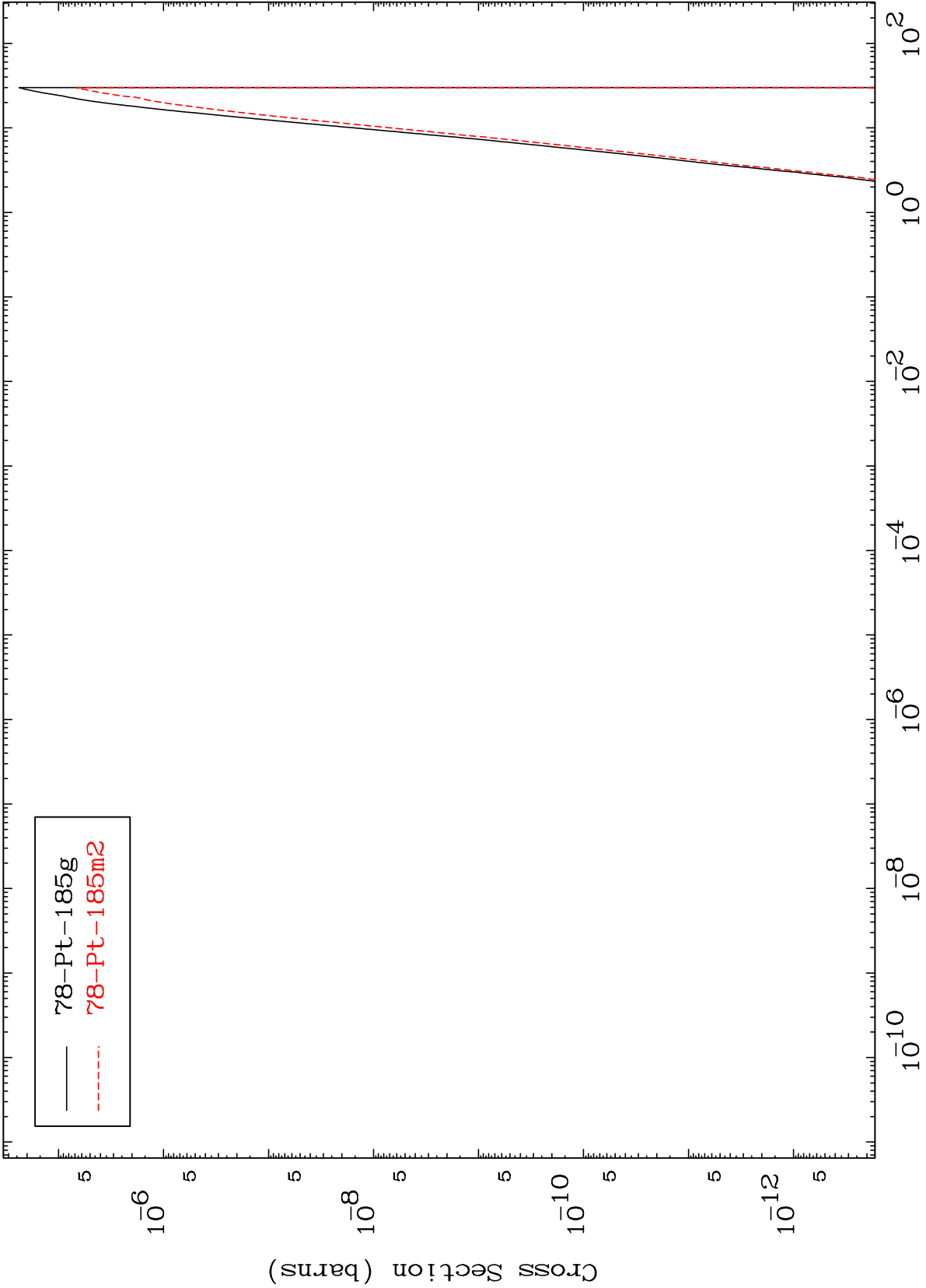
70

MAT 8189

(n,2 α)

82-Pb-192

Radionuclide Production Cross Section



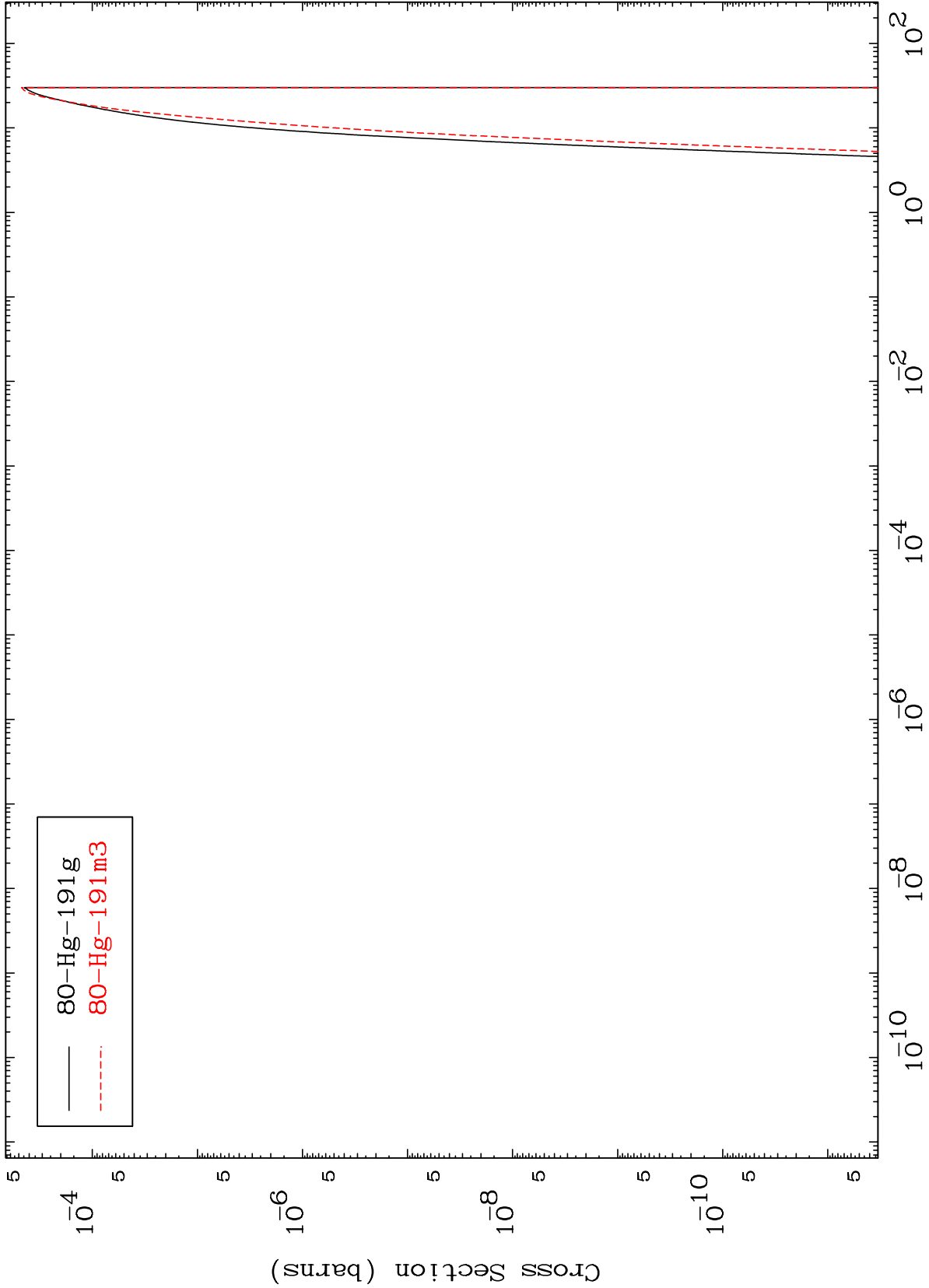
78-Pt-185g
78-Pt-185m2

MAT 8189

(n,2p)

82-Pb-192

Radionuclide Production Cross Section

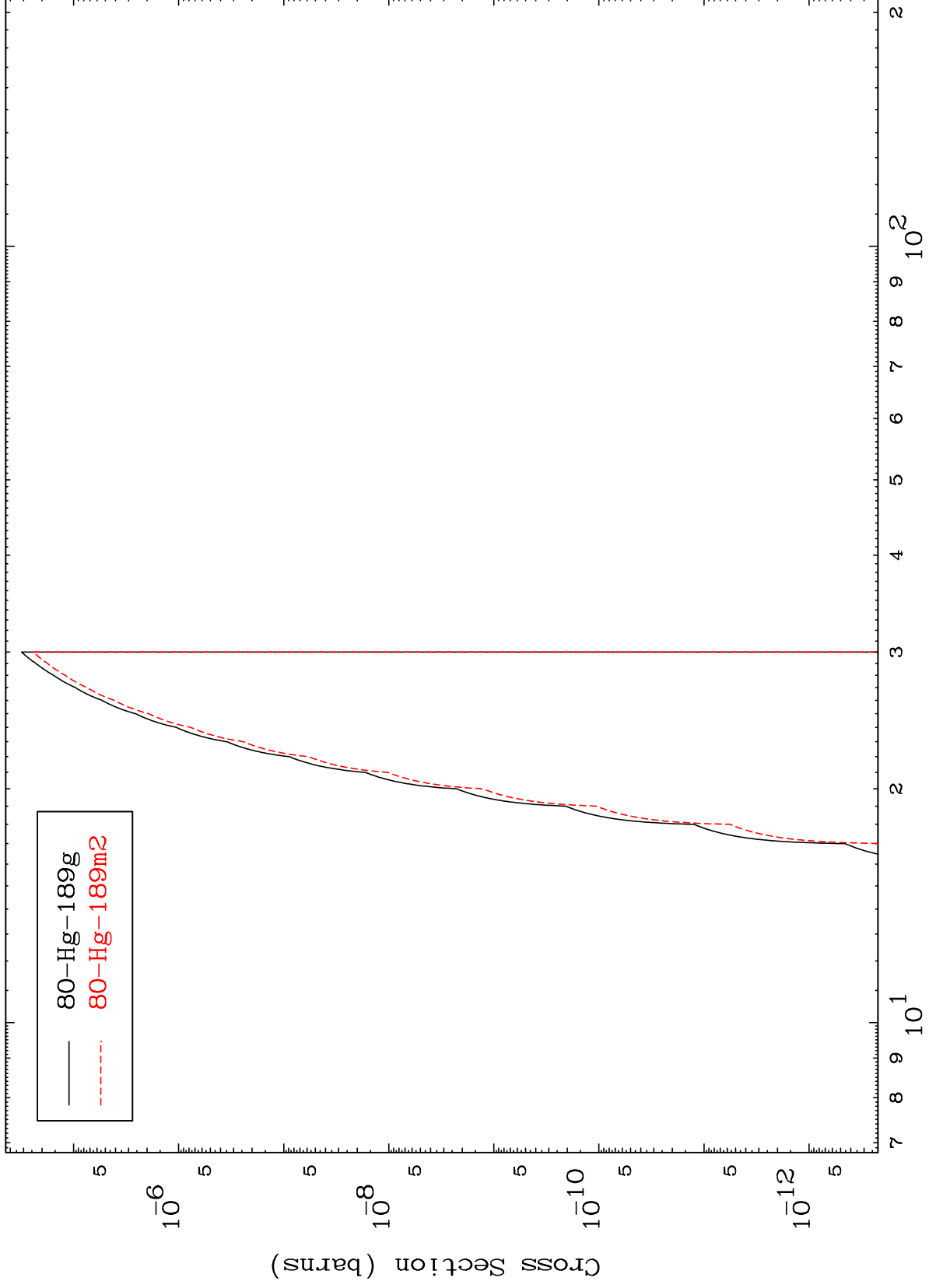


MAT 8189

(n,p) t

82-Pb-192

Radionuclide Production Cross Section



73

Incident Energy (MeV)

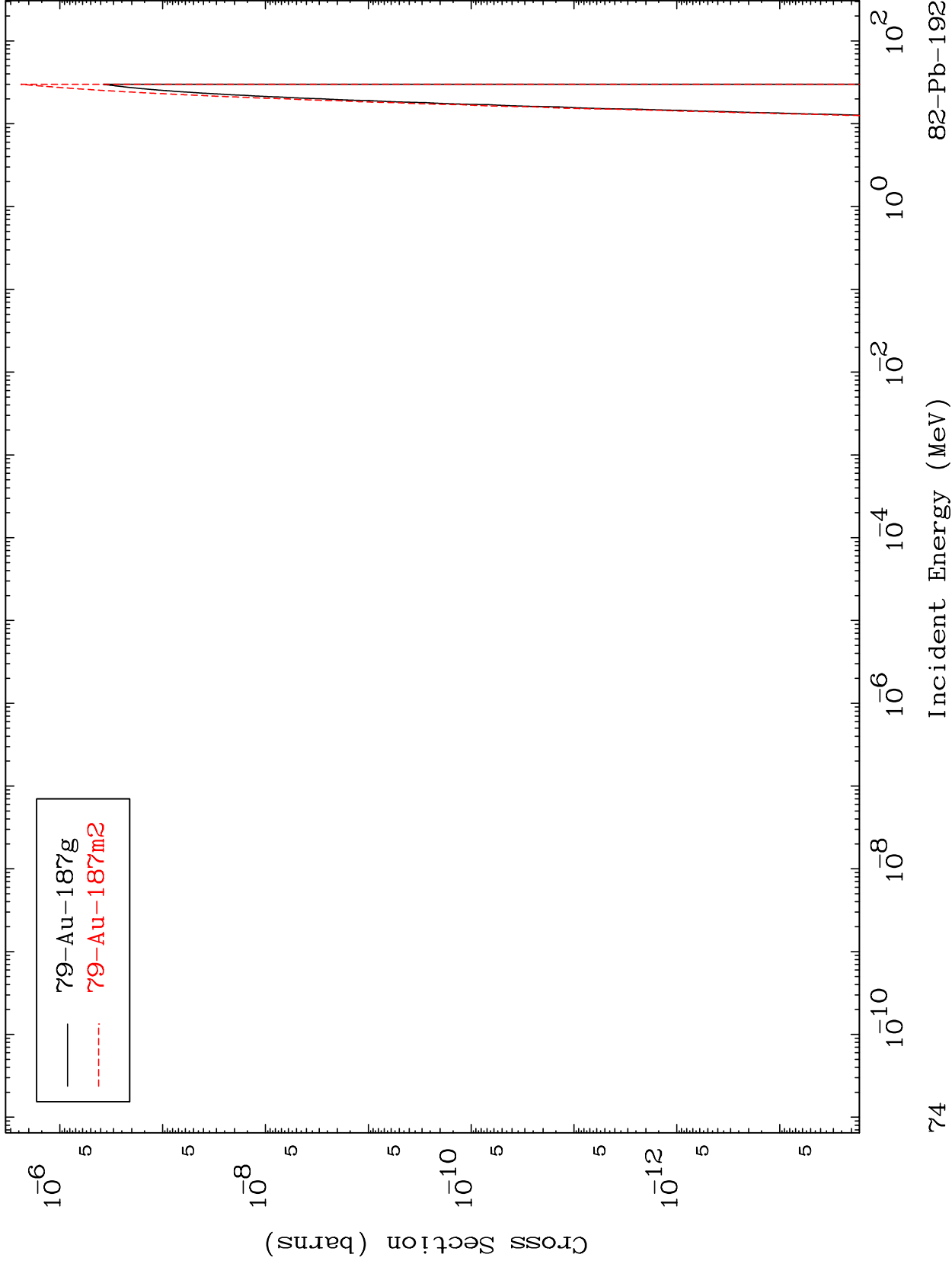
82-Pb-192

MAT 8189

(n,d) α

82-Pb-192

Radionuclide Production Cross Section



— $^{79}\text{Au-187g}$
- - - $^{79}\text{Au-187m2}$