

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

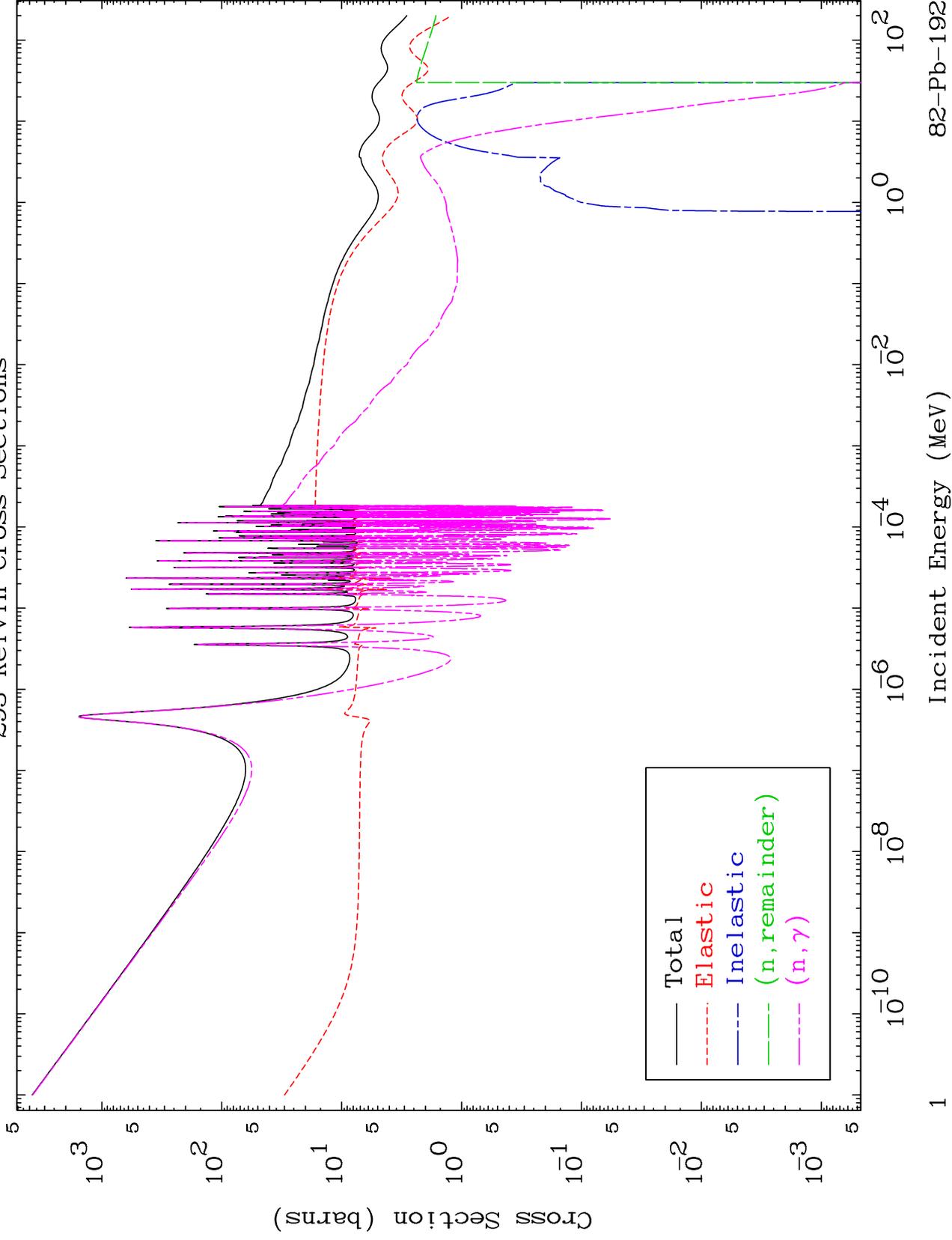
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Press Mouse Button to Start

MAT 8189

Major
293 Kelvin Cross Sections

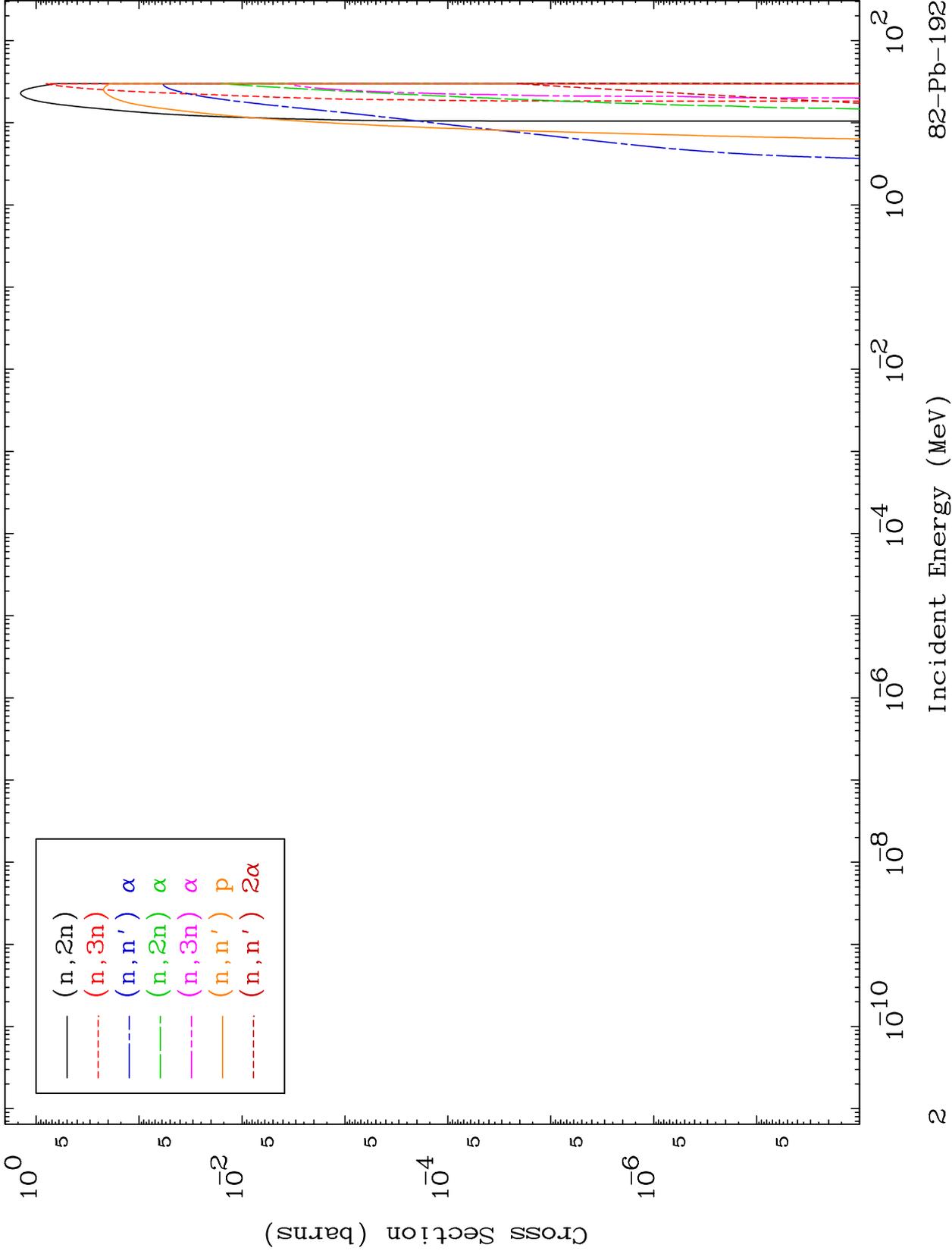
82-Pb-192



MAT 8189

Neutron Production
293 Kelvin Cross Sections

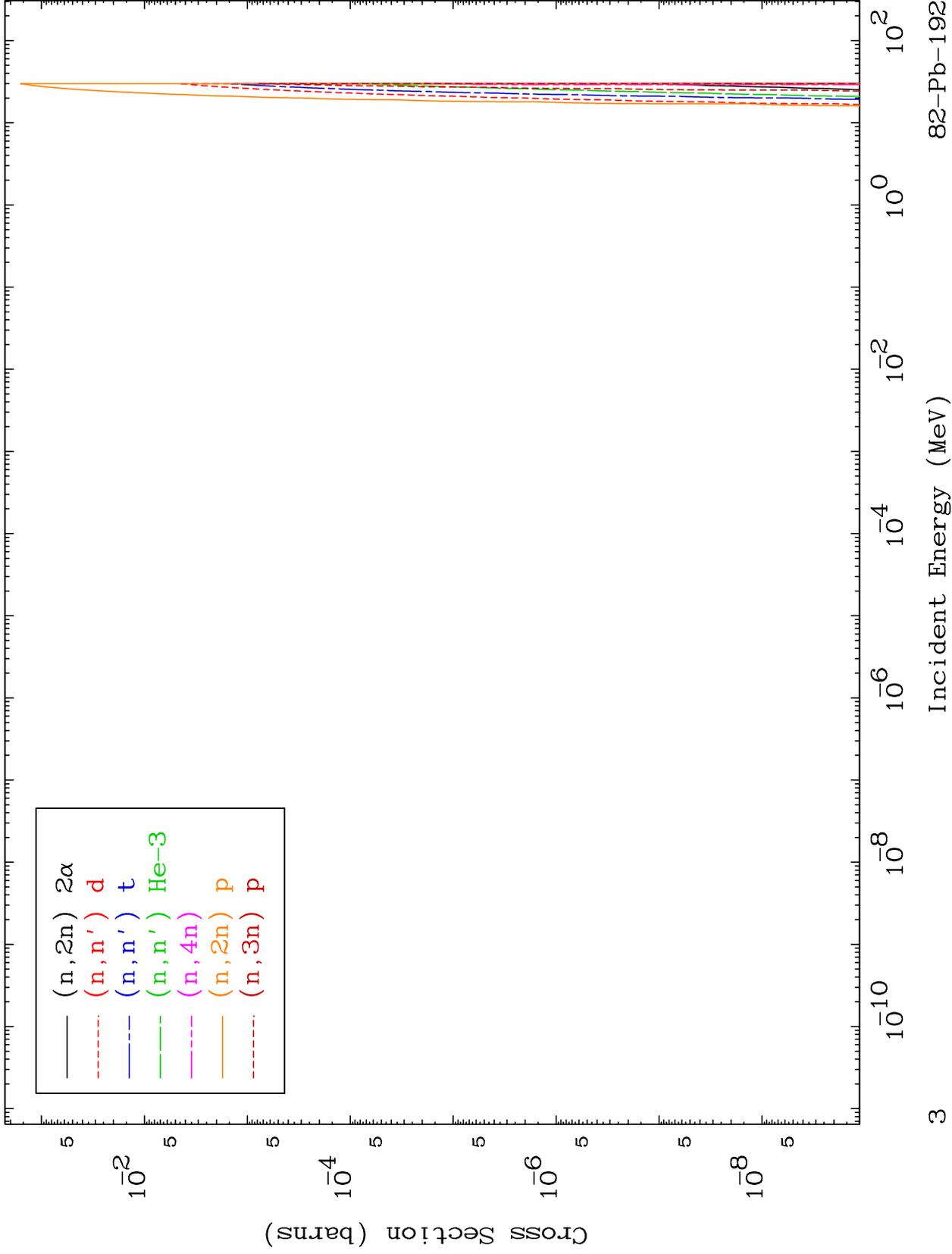
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MAT 8189

Neutron Production
293 Kelvin Cross Sections

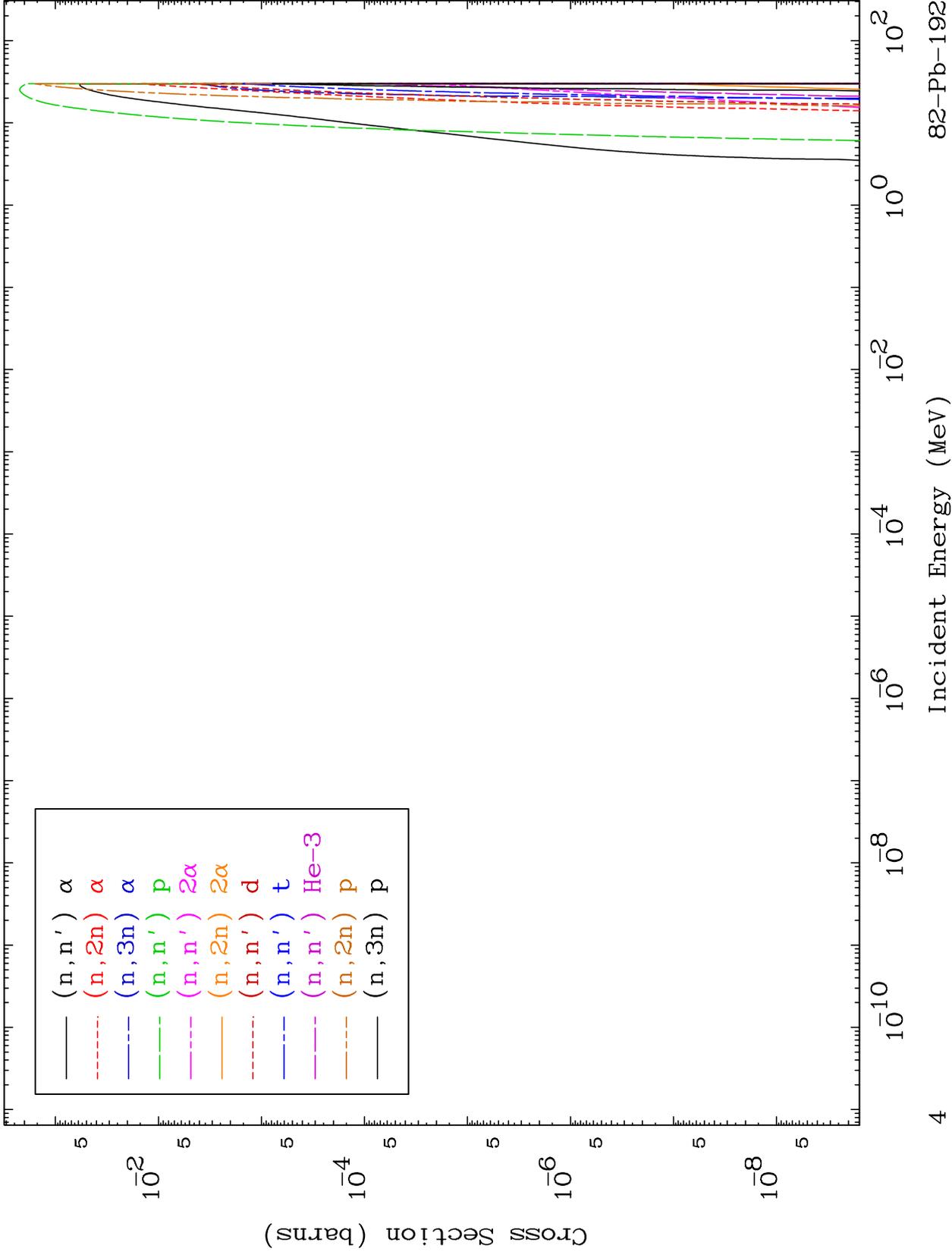
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MAT 8189

Charged Particle
293 Kelvin Cross Sections

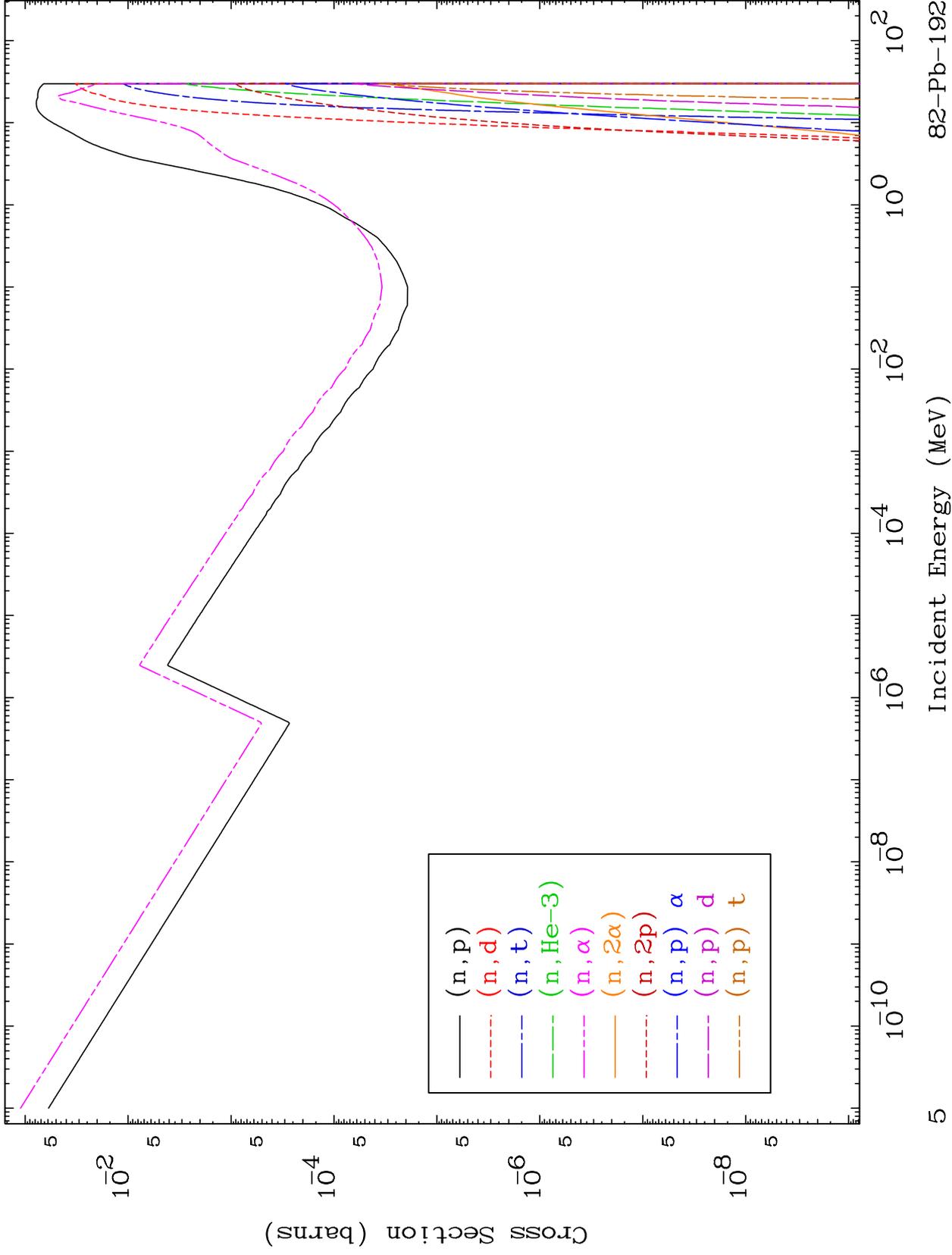
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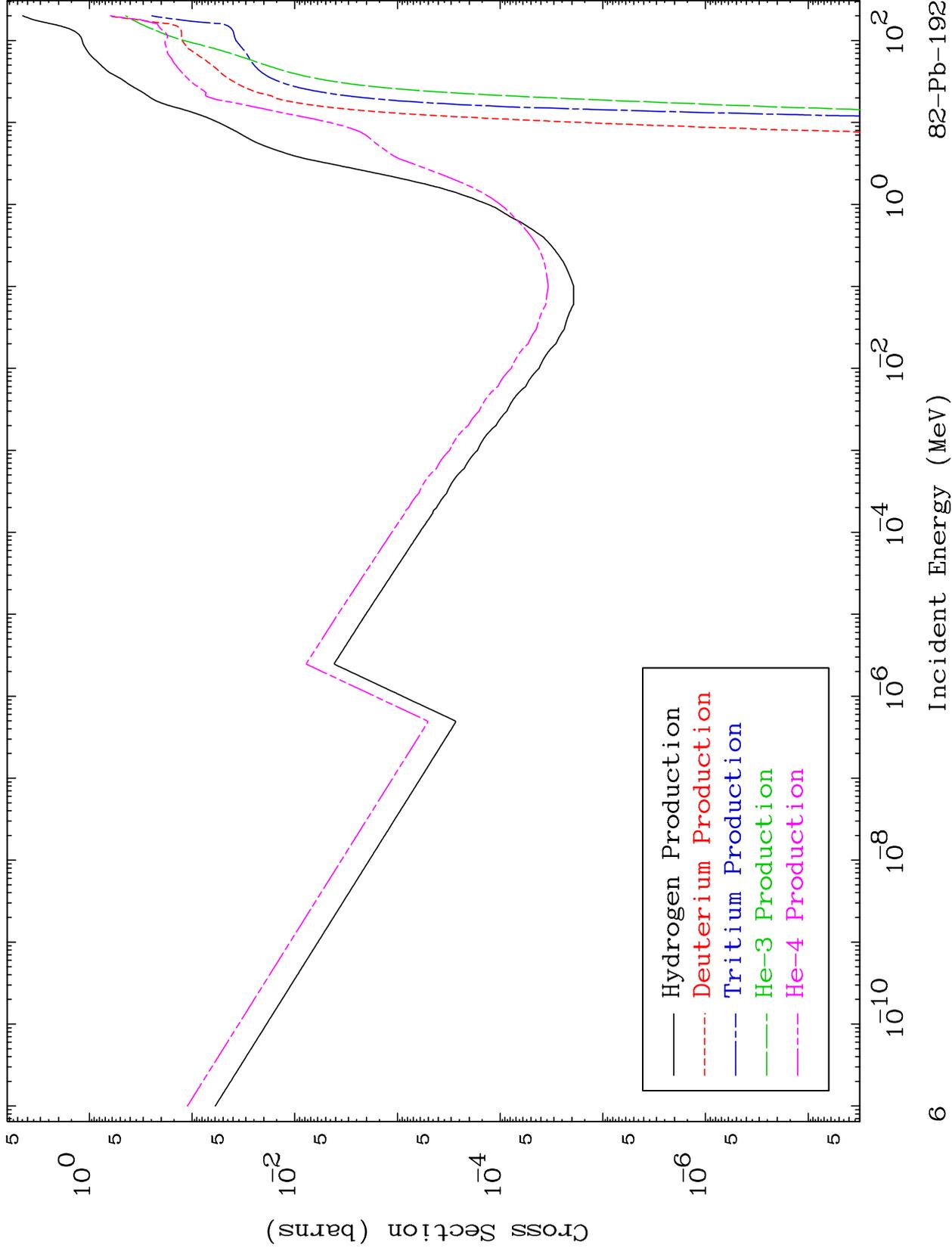


MAT 8189

Charged Particle
293 Kelvin Cross Sections

82-Pb-192



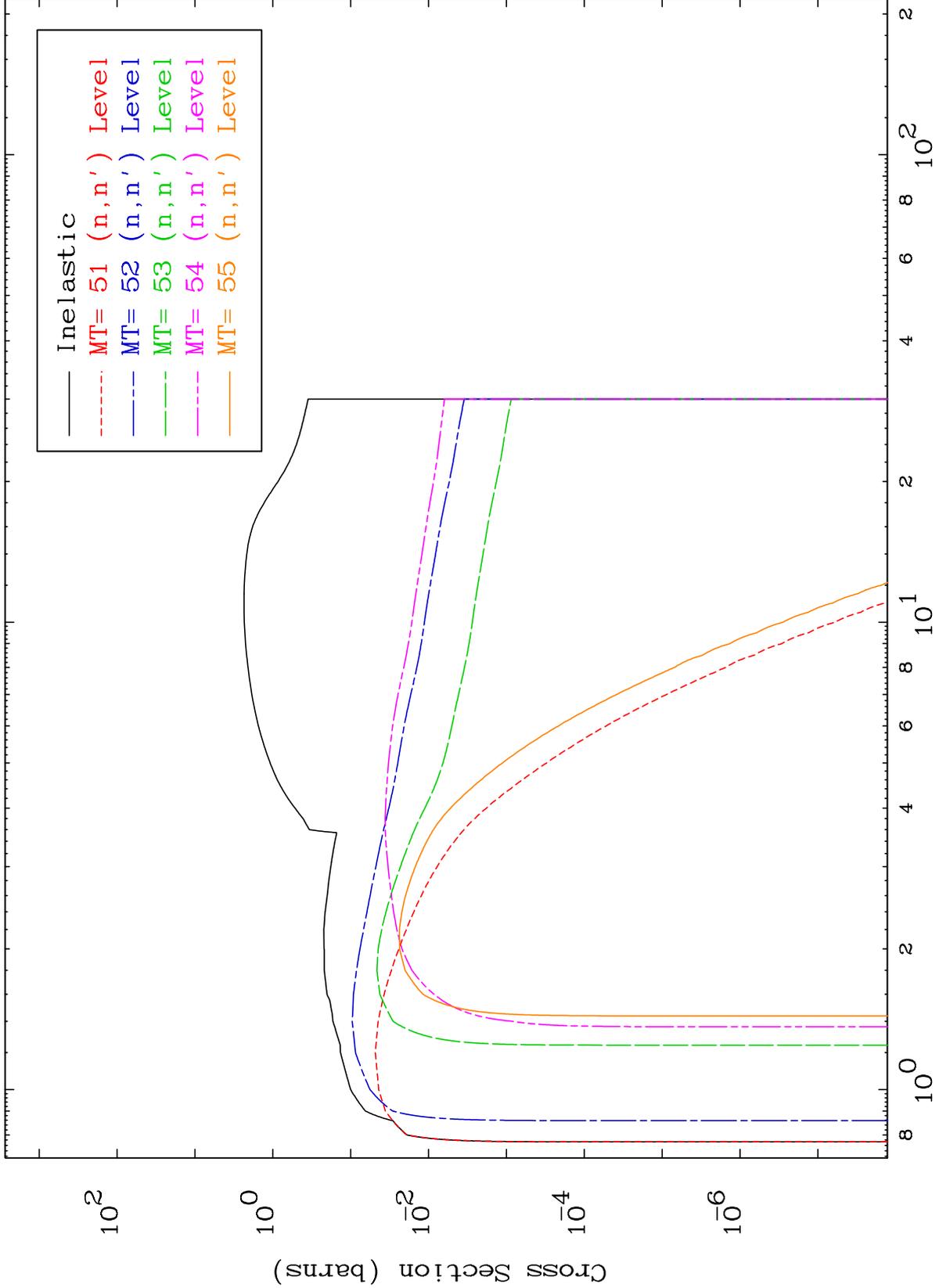


MAT 8189

(n,n') Level

82-Pb-192

293 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-192

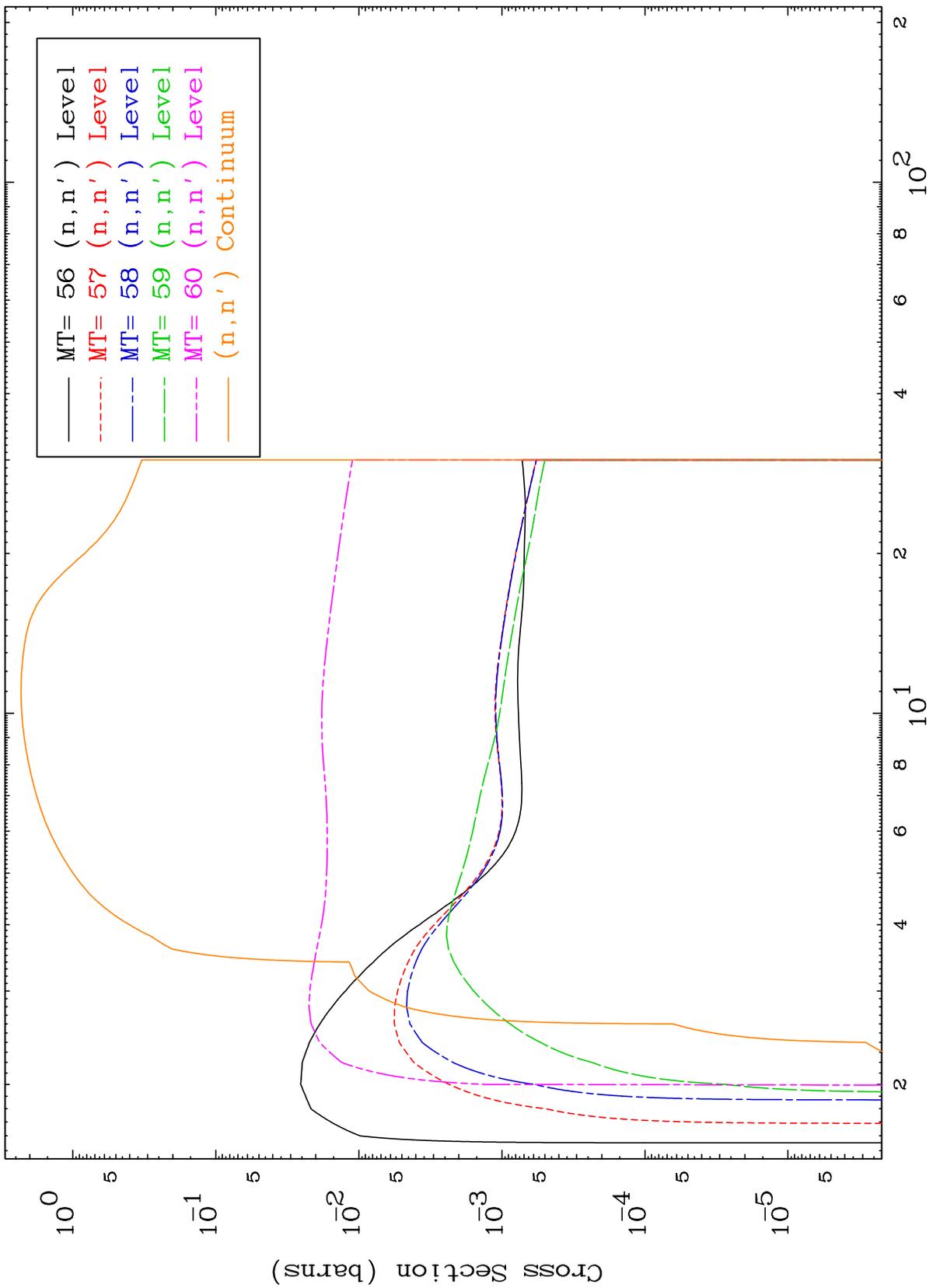
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MAT 8189

(n,n') Level

82-Pb-192

293 Kelvin Cross Sections



8

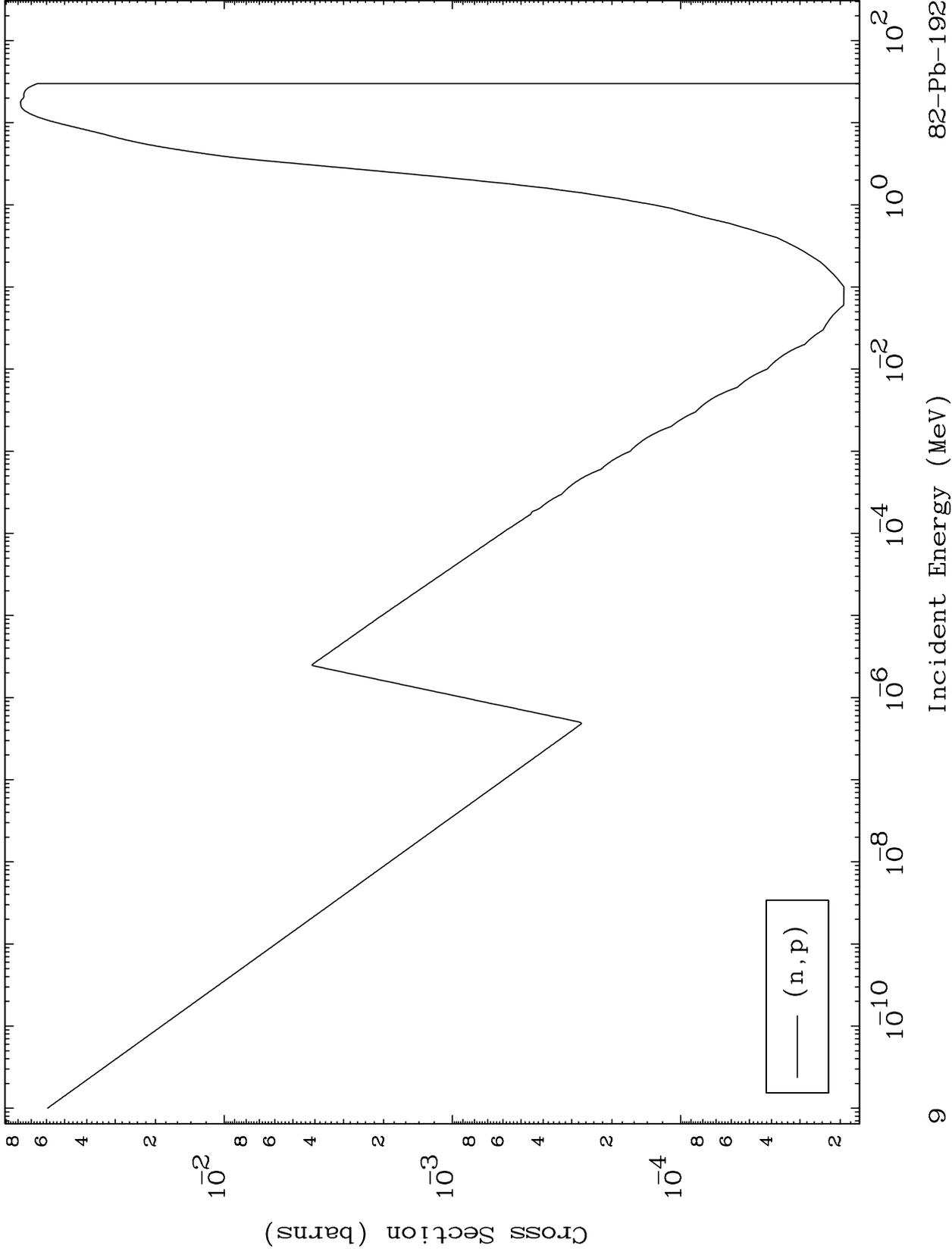
Incident Energy (MeV)

82-Pb-192

MAT 8189

(n,p) Levels
293 Kelvin Cross Sections

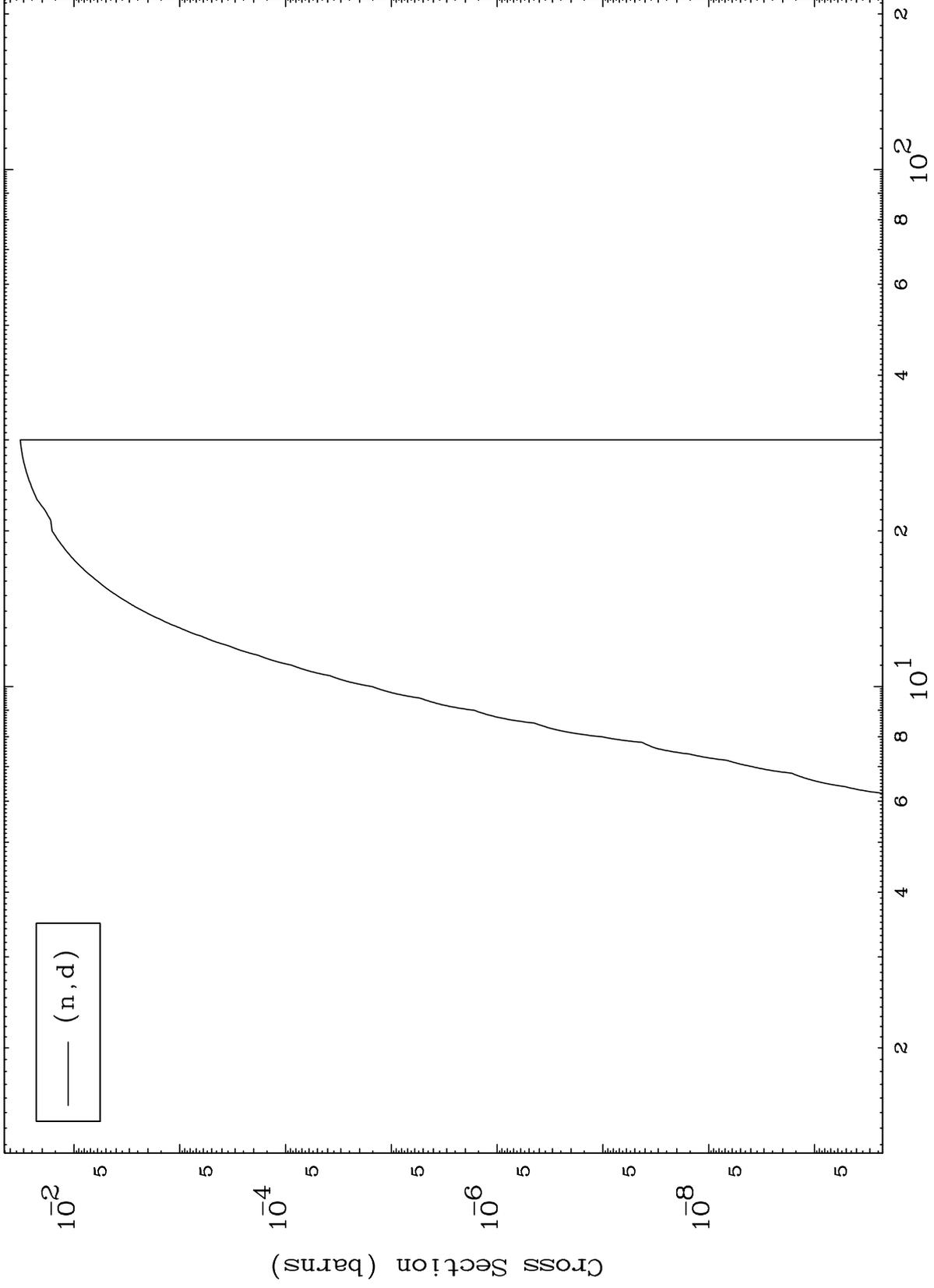
82-Pb-192



MAT 8189

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-192



10

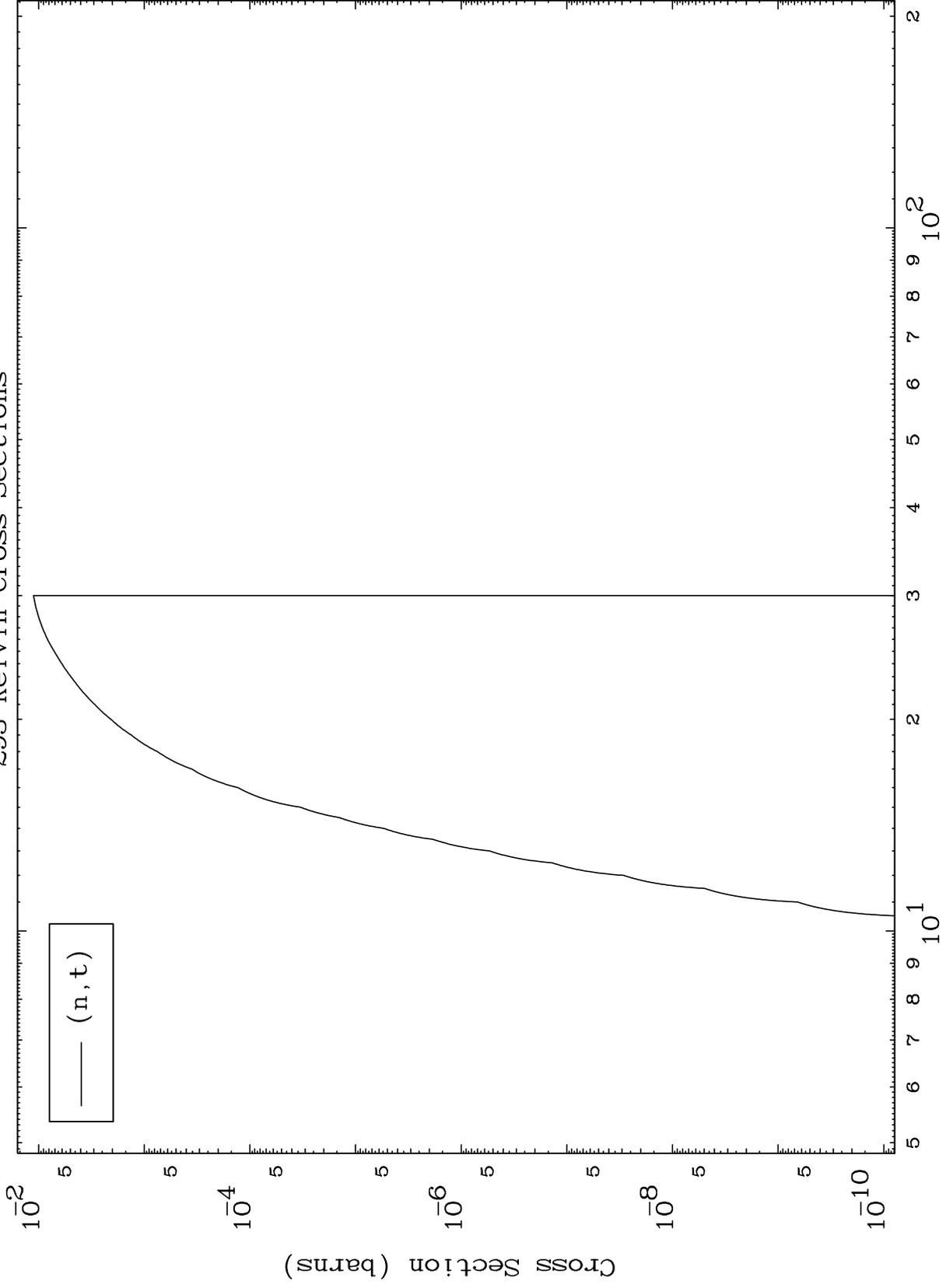
Incident Energy (MeV)

82-Pb-192

MAT 8189

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-192



11

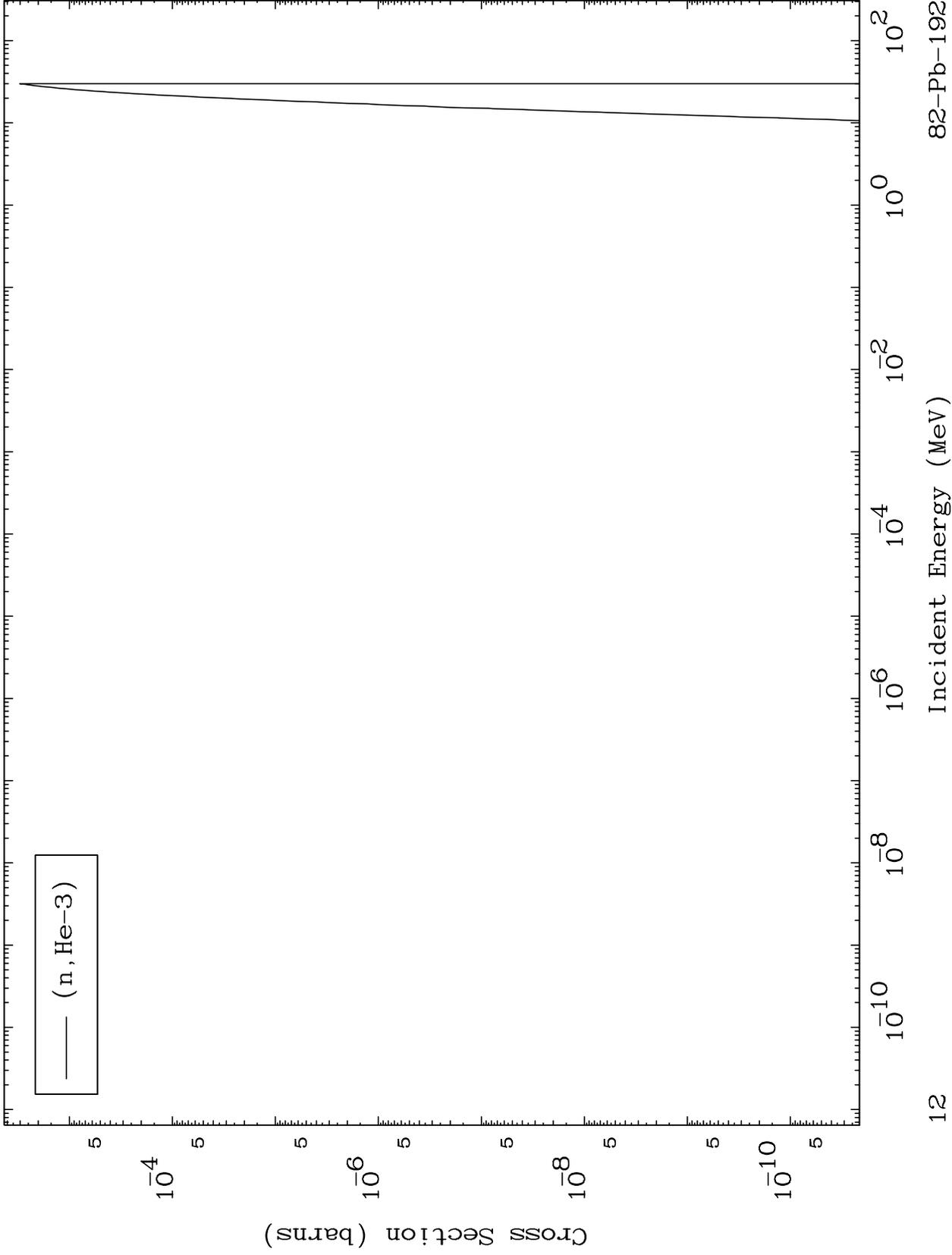
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82-Pb-192

MAT 8189

(n,He3) Levels
293 Kelvin Cross Sections

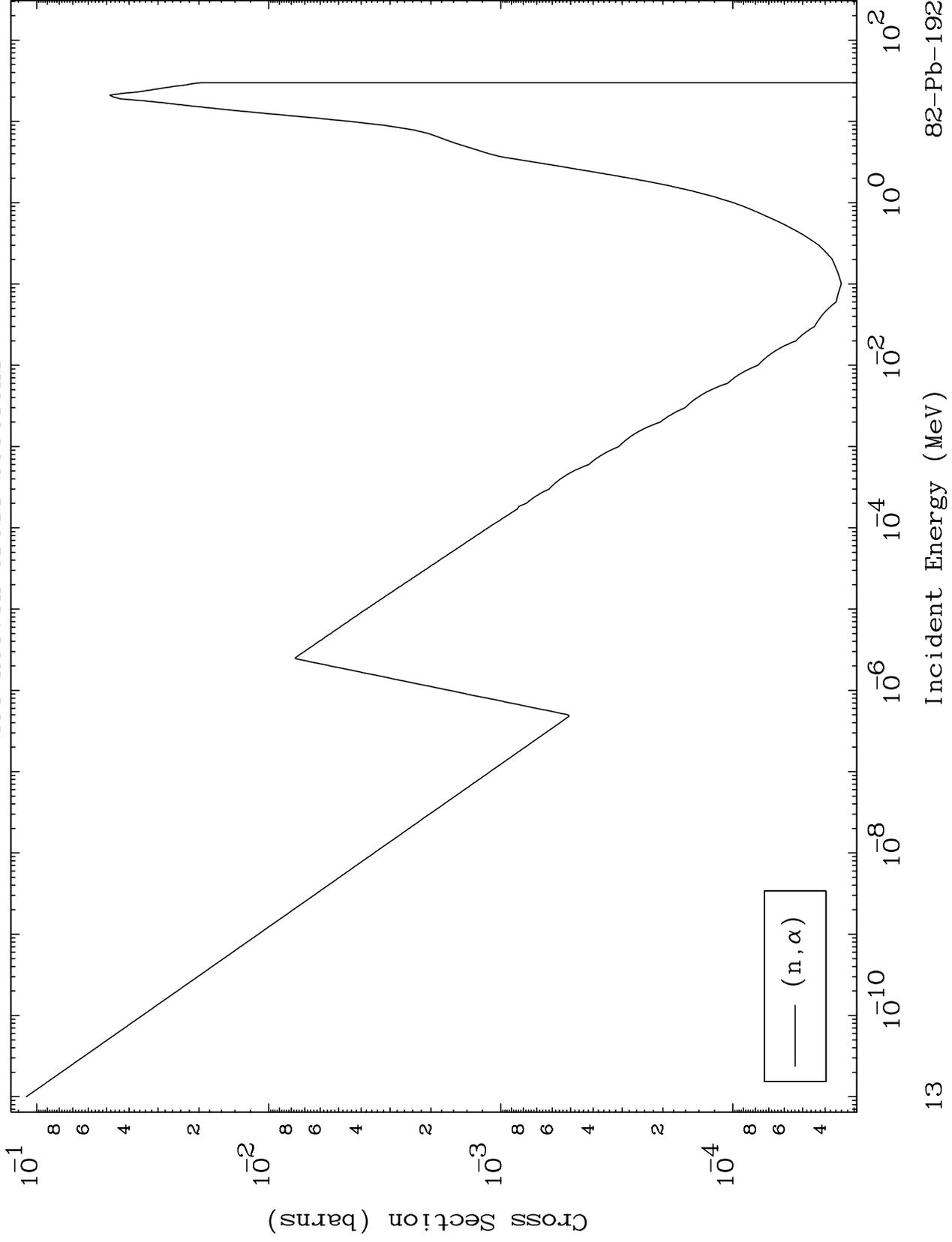
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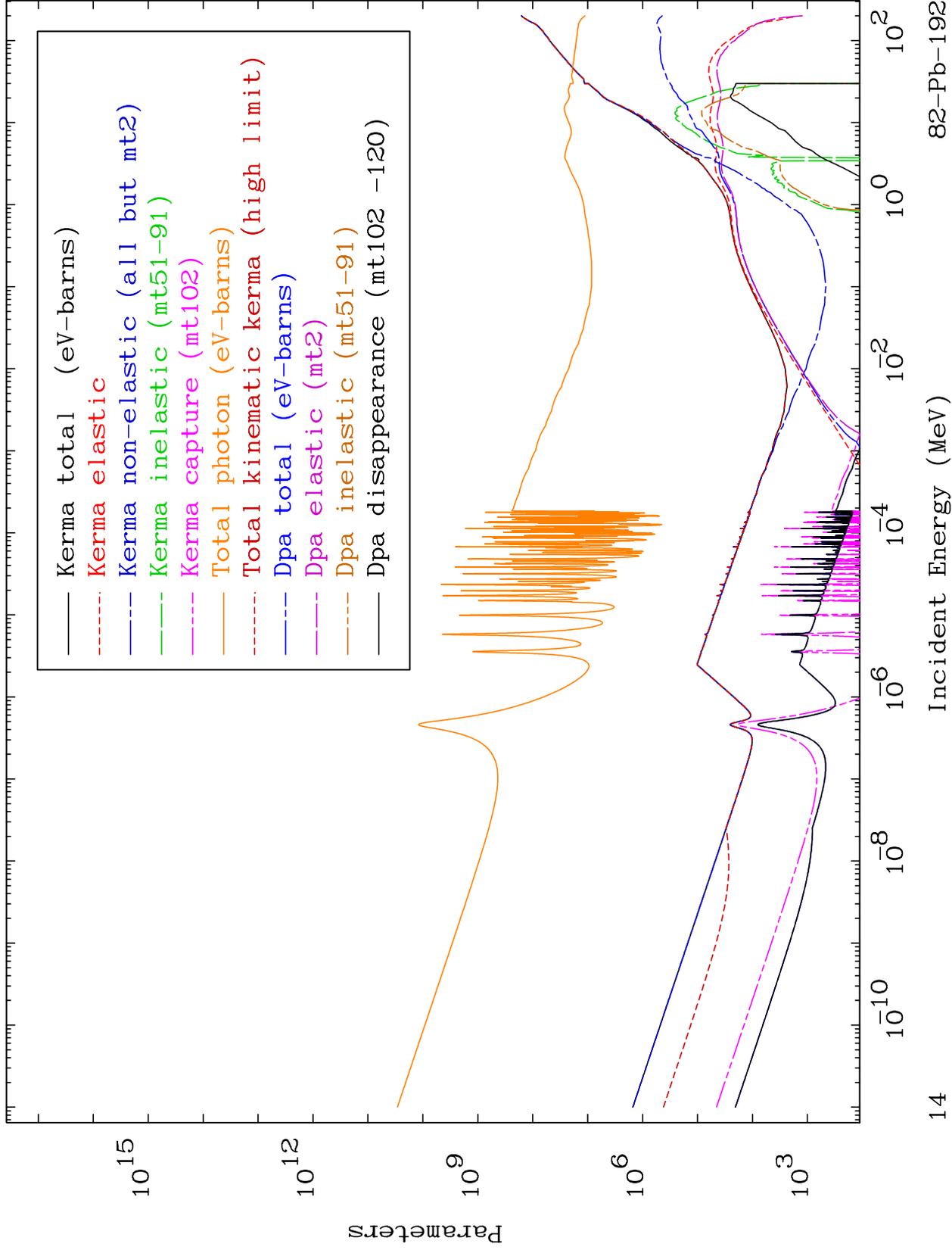


MAT 8189

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-192

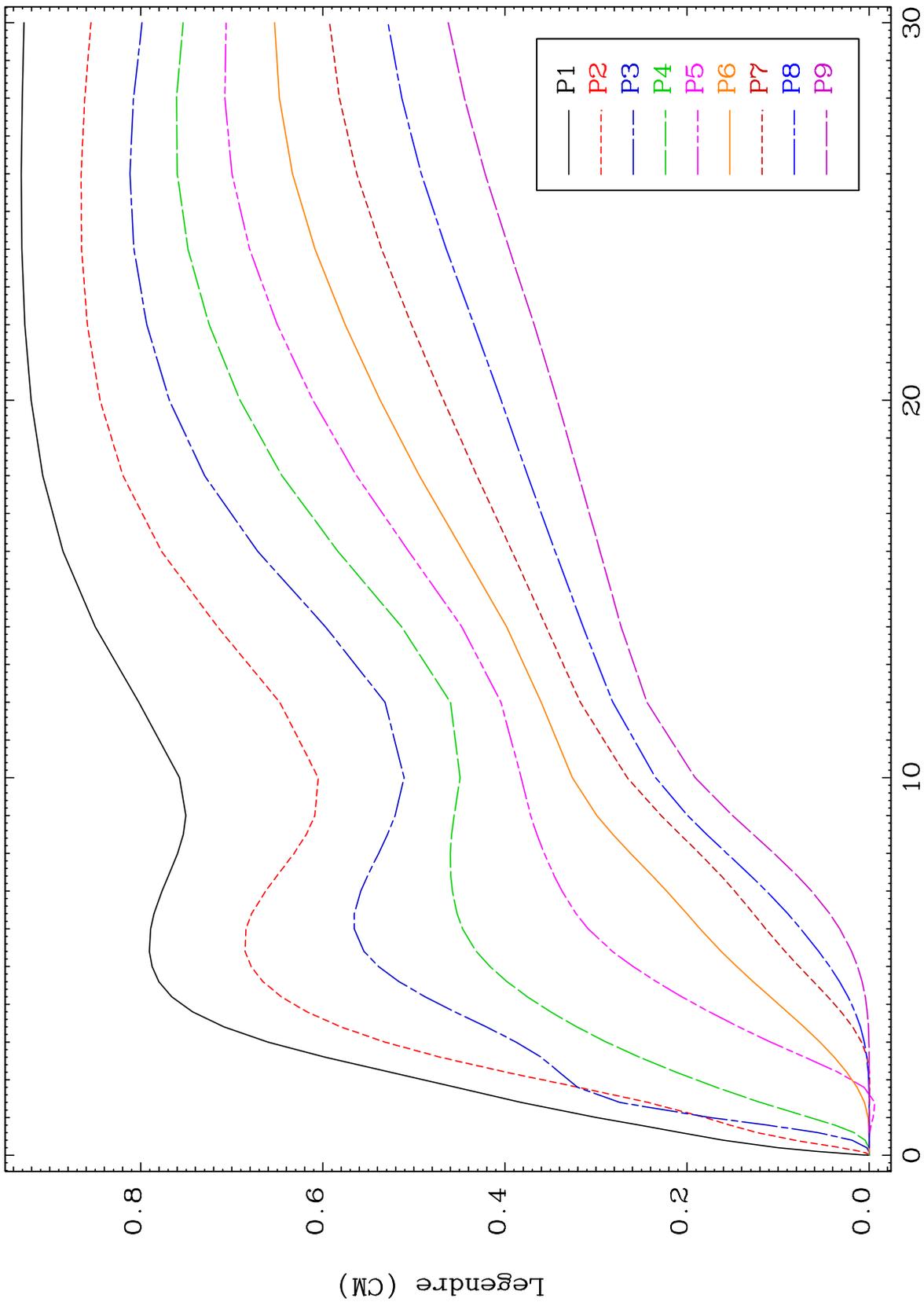




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82-Pb-192

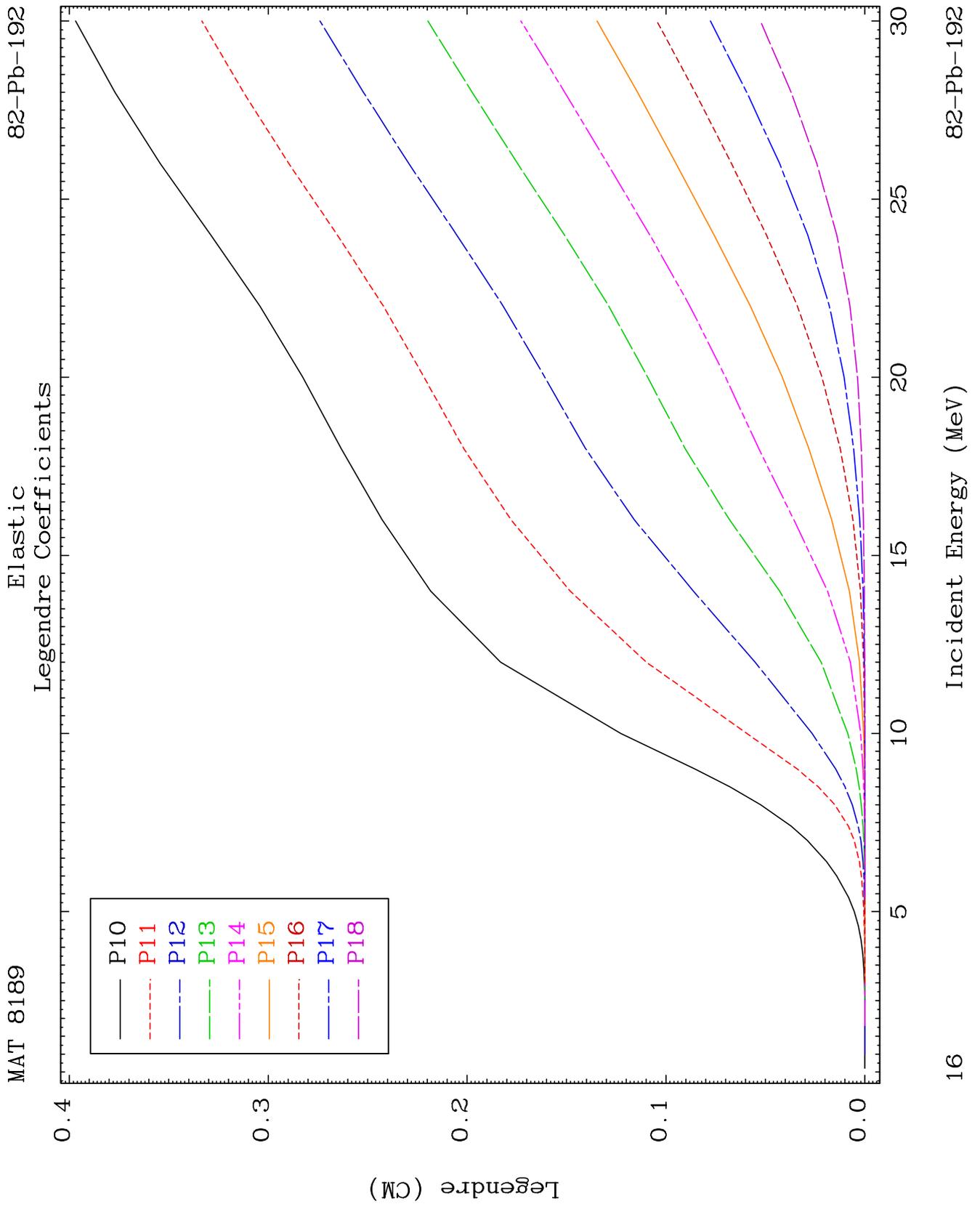
Elastic Legendre Coefficients



15

Incident Energy (MeV)

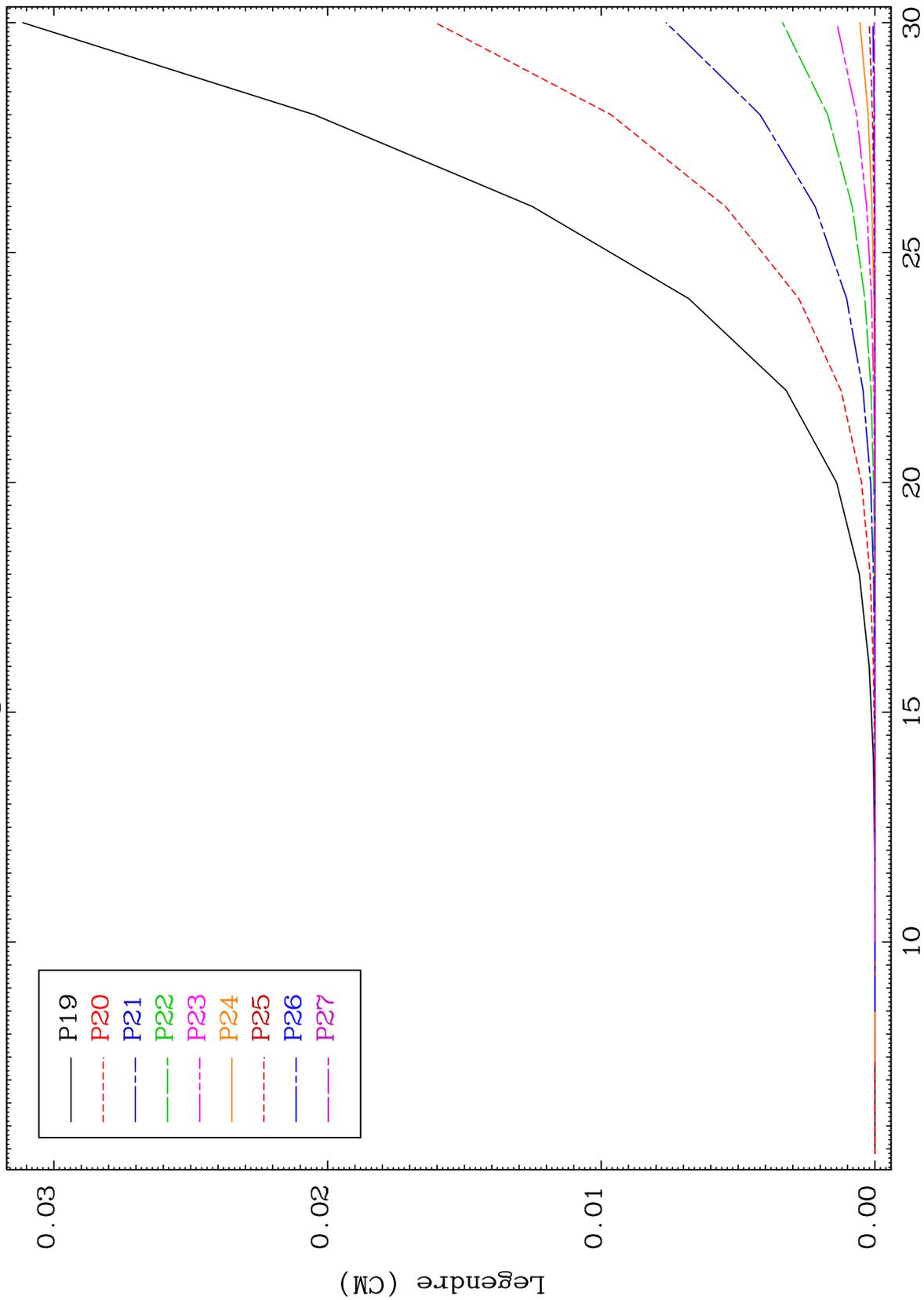
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MAT 8189

Elastic Legendre Coefficients

82-Pb-192



17

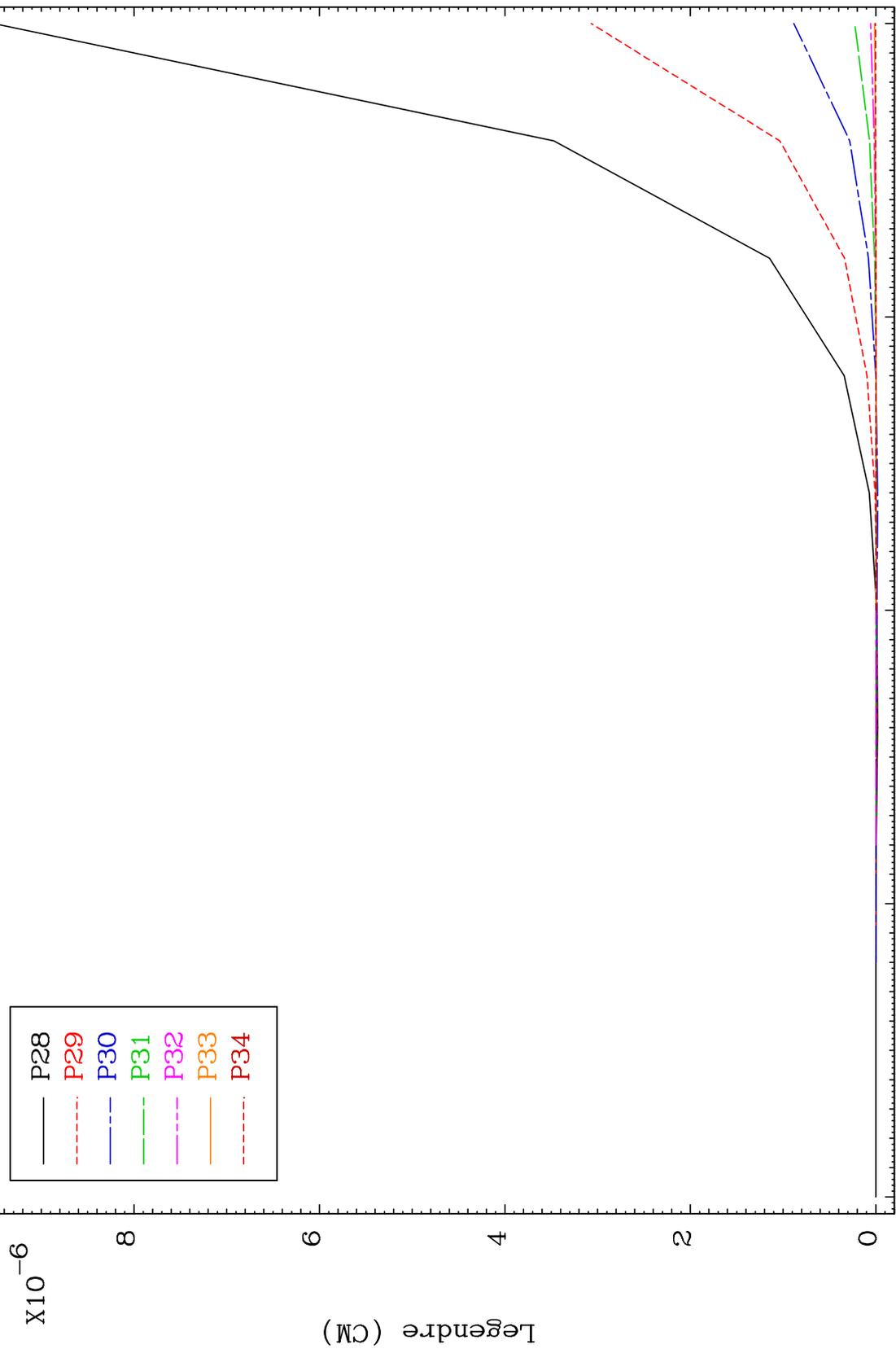
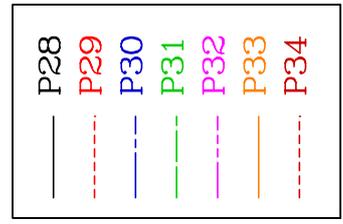
Incident Energy (MeV)

82-Pb-192

MAT 8189

Elastic Legendre Coefficients

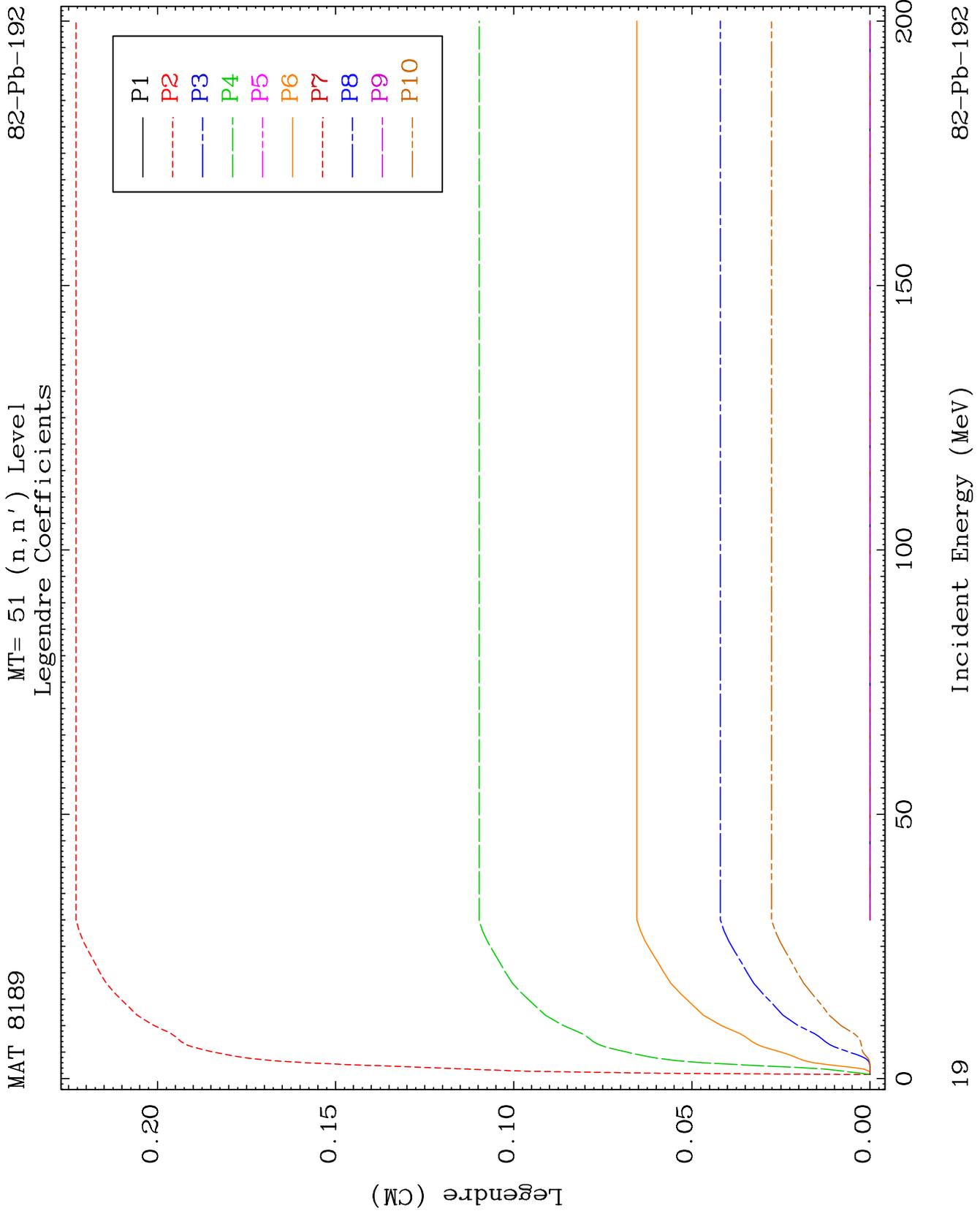
82-Pb-192



18

Incident Energy (MeV)

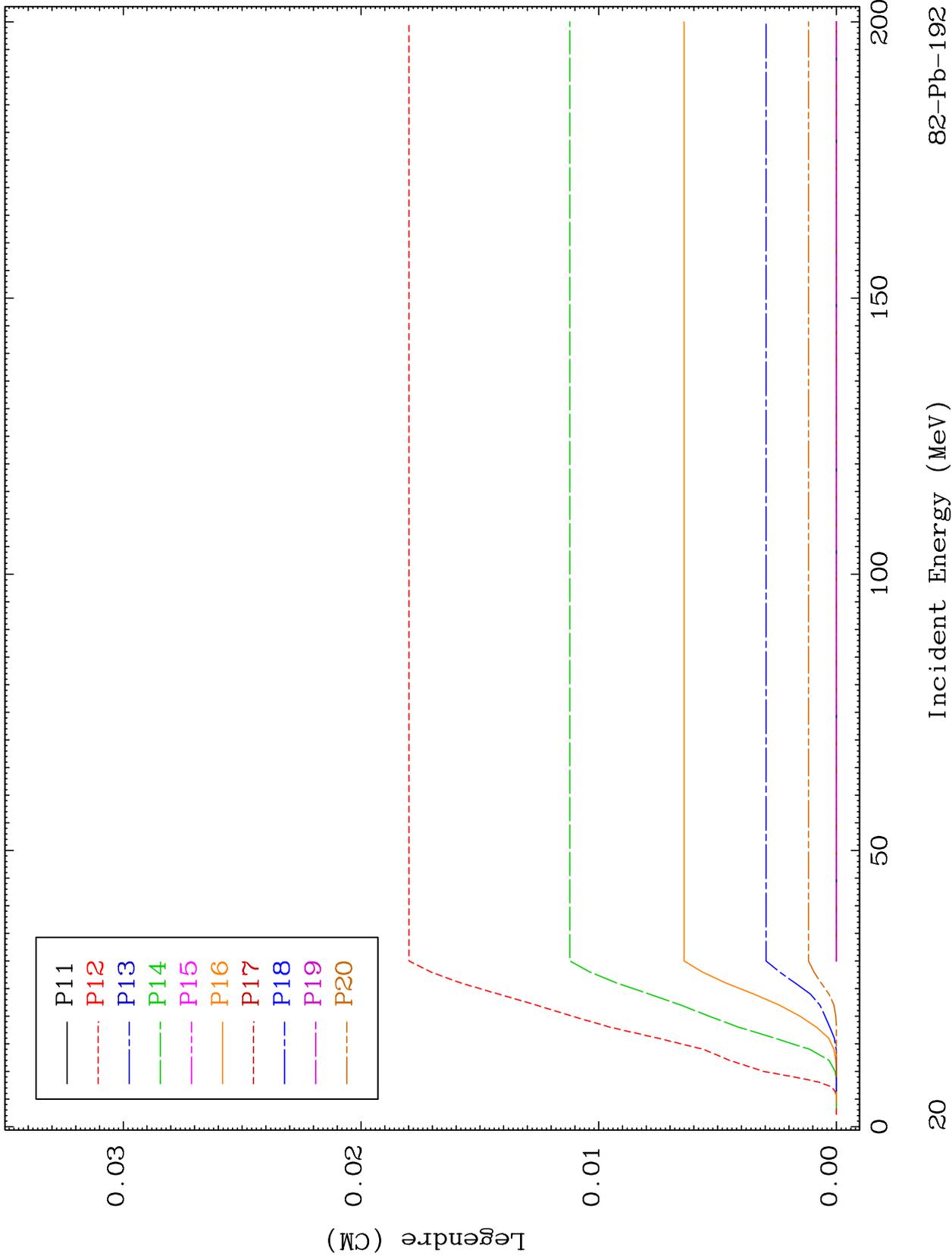
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MAT 8189

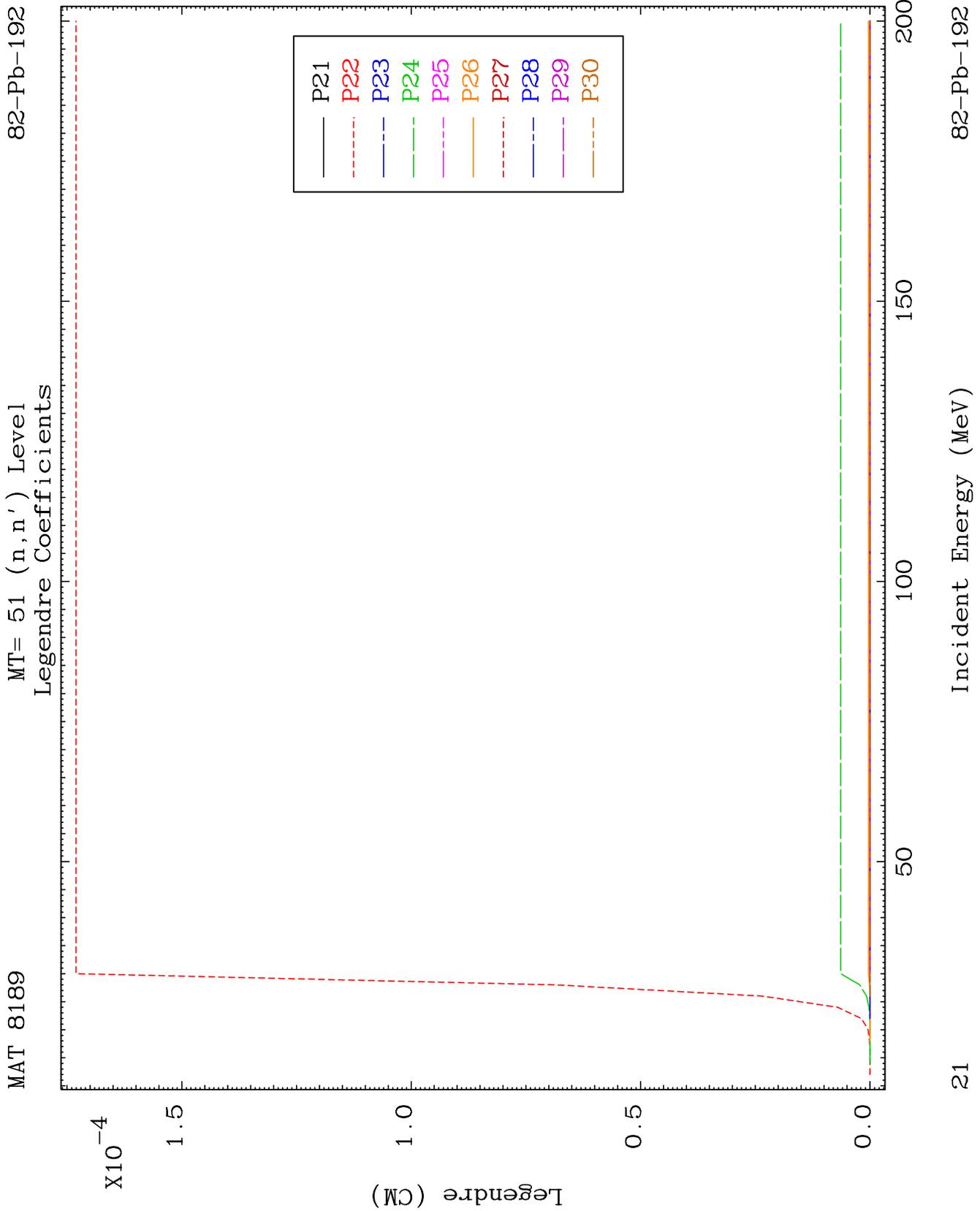
MT= 51 (n,n') Level
Legendre Coefficients

82-Pb-192



82-Pb-192

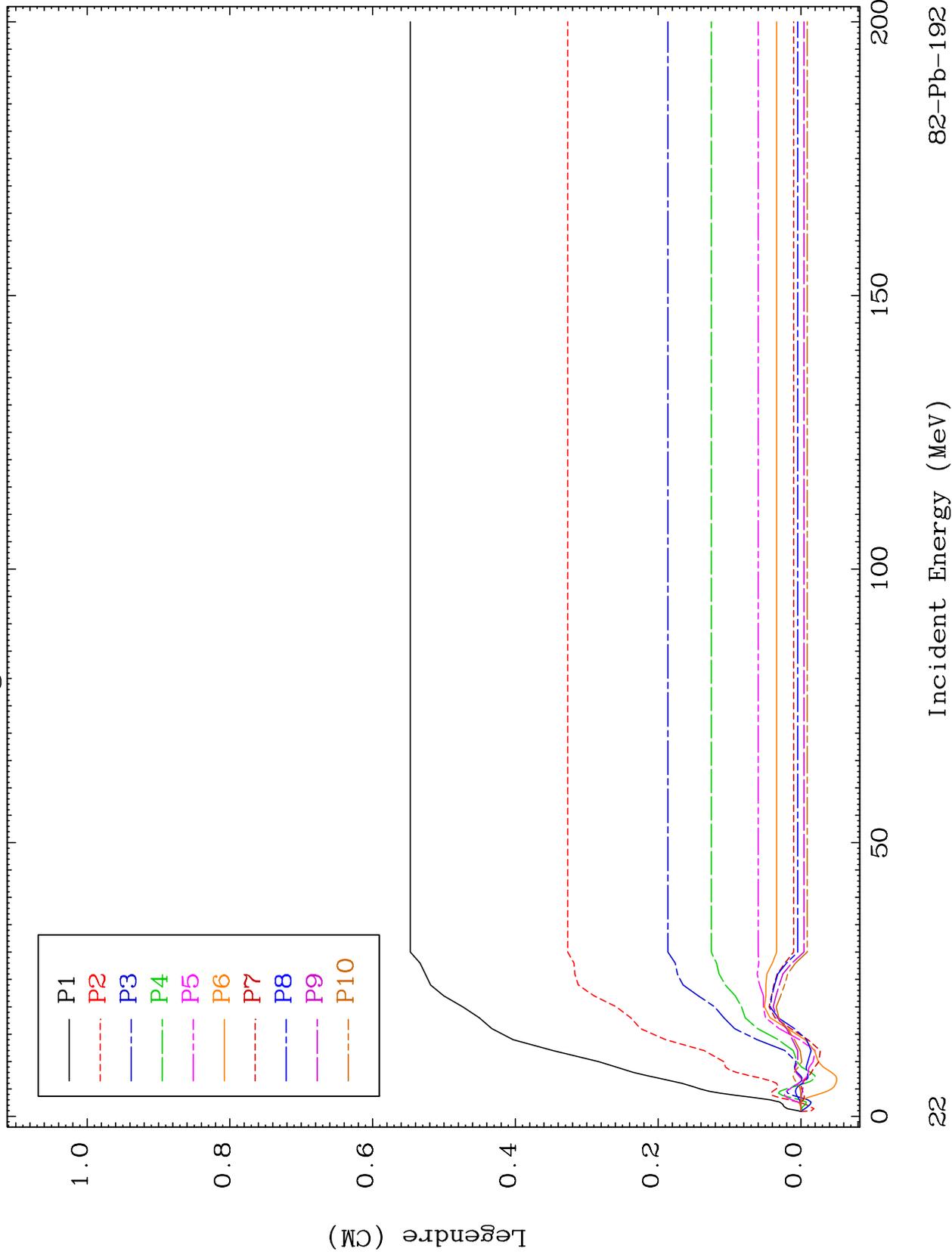
Incident Energy (MeV)



MAT 8189

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

82-Pb-192



22

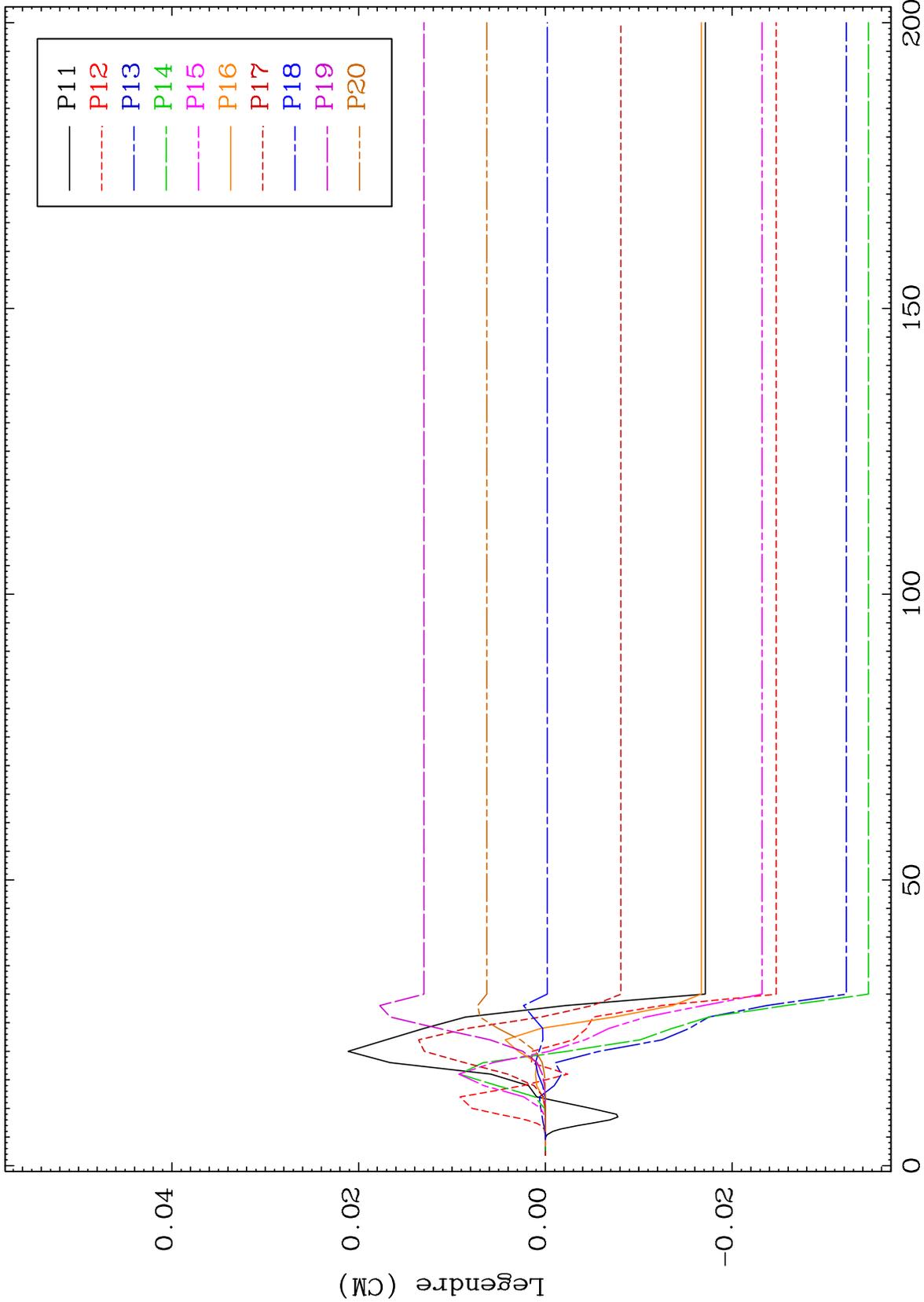
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



23

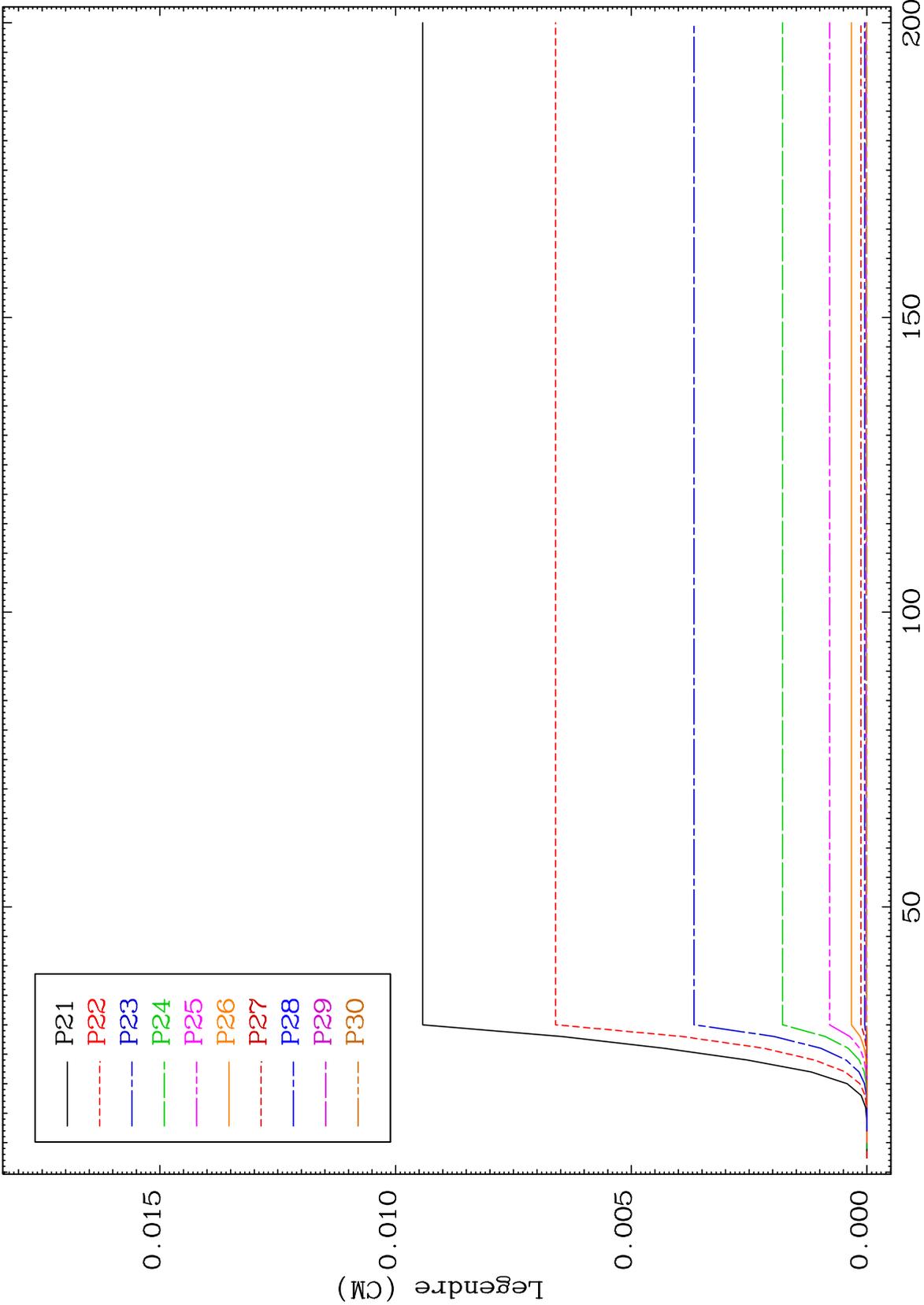
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



24

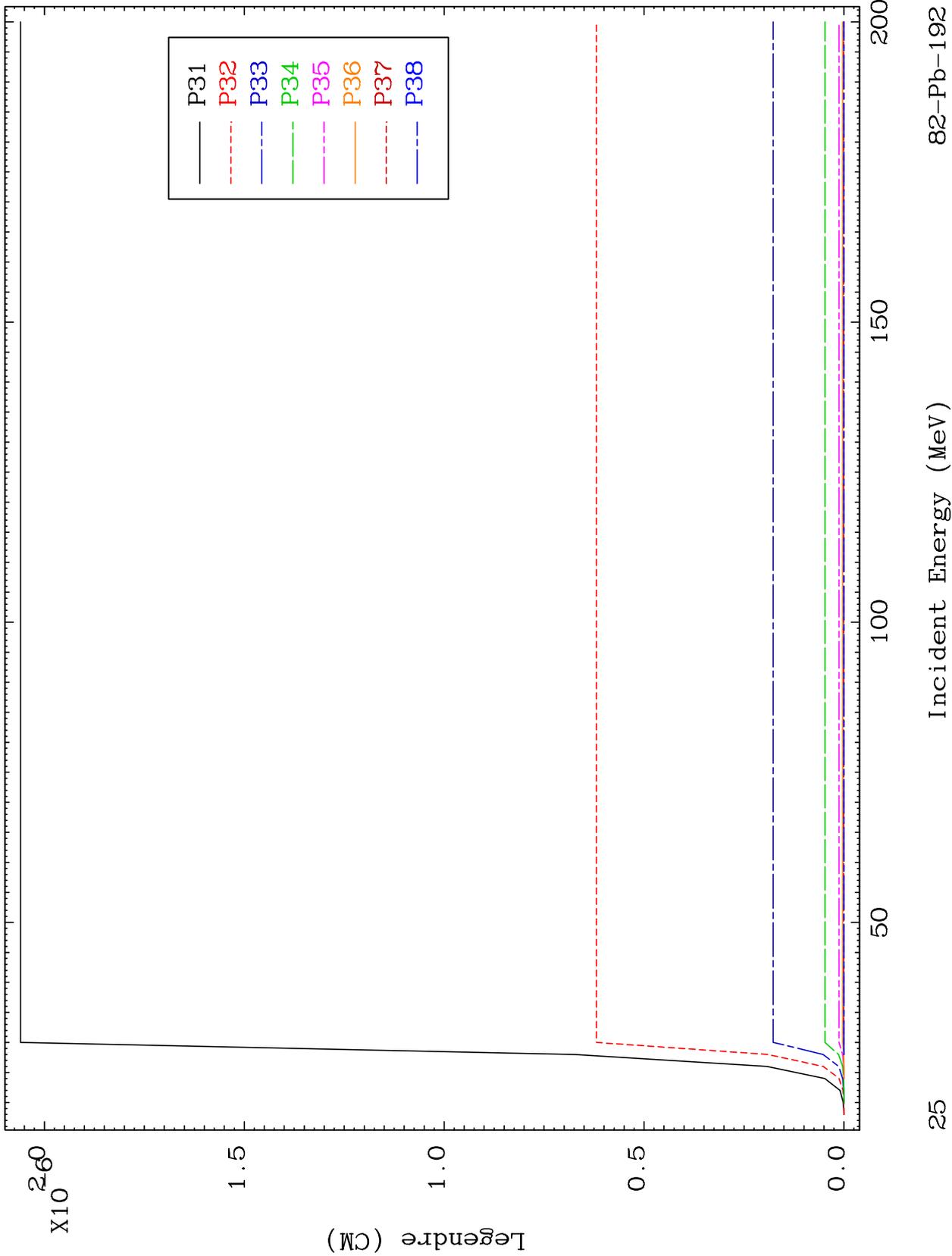
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

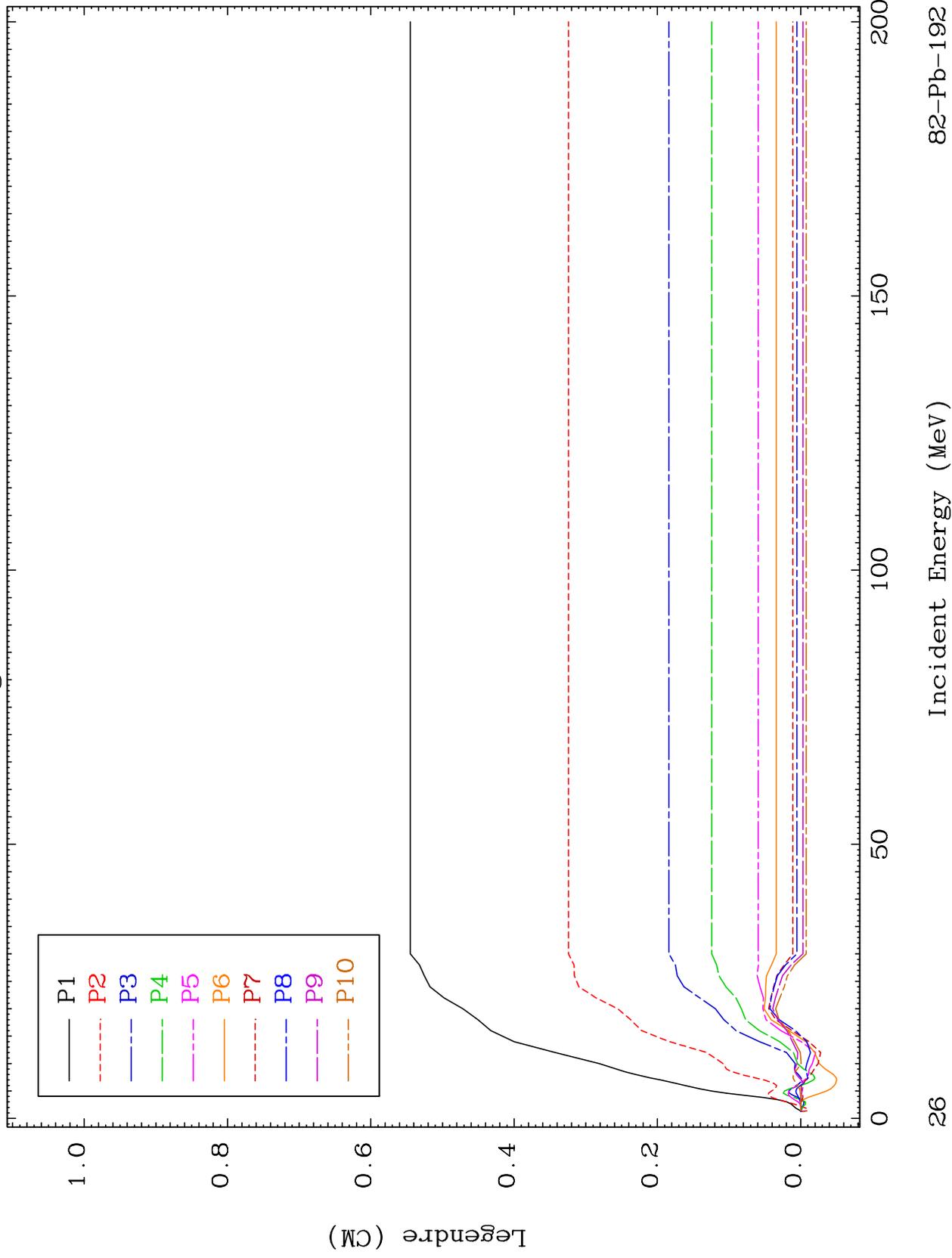
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25

Incident Energy (MeV)

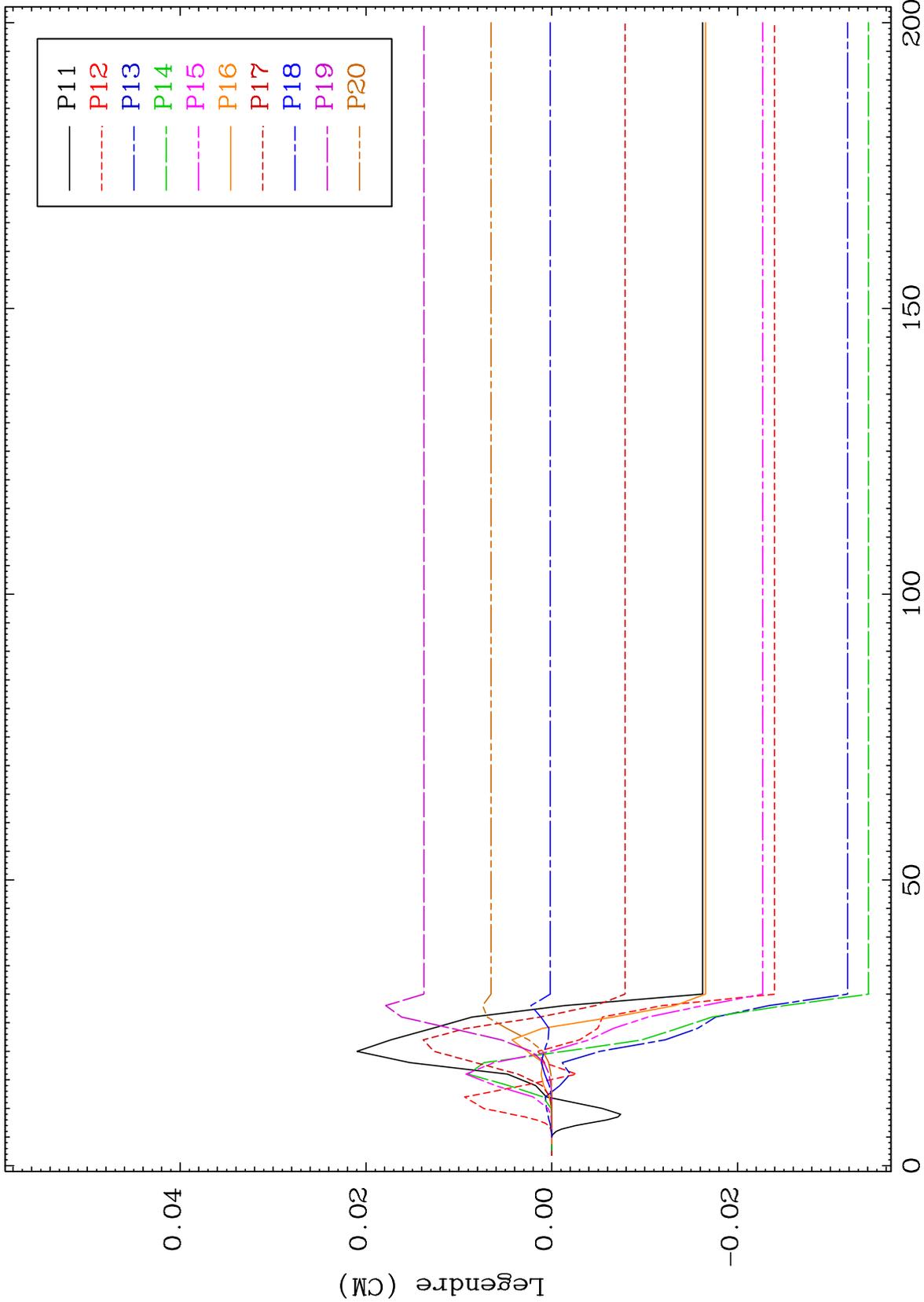
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MAT 8189

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

82-Pb-192



27

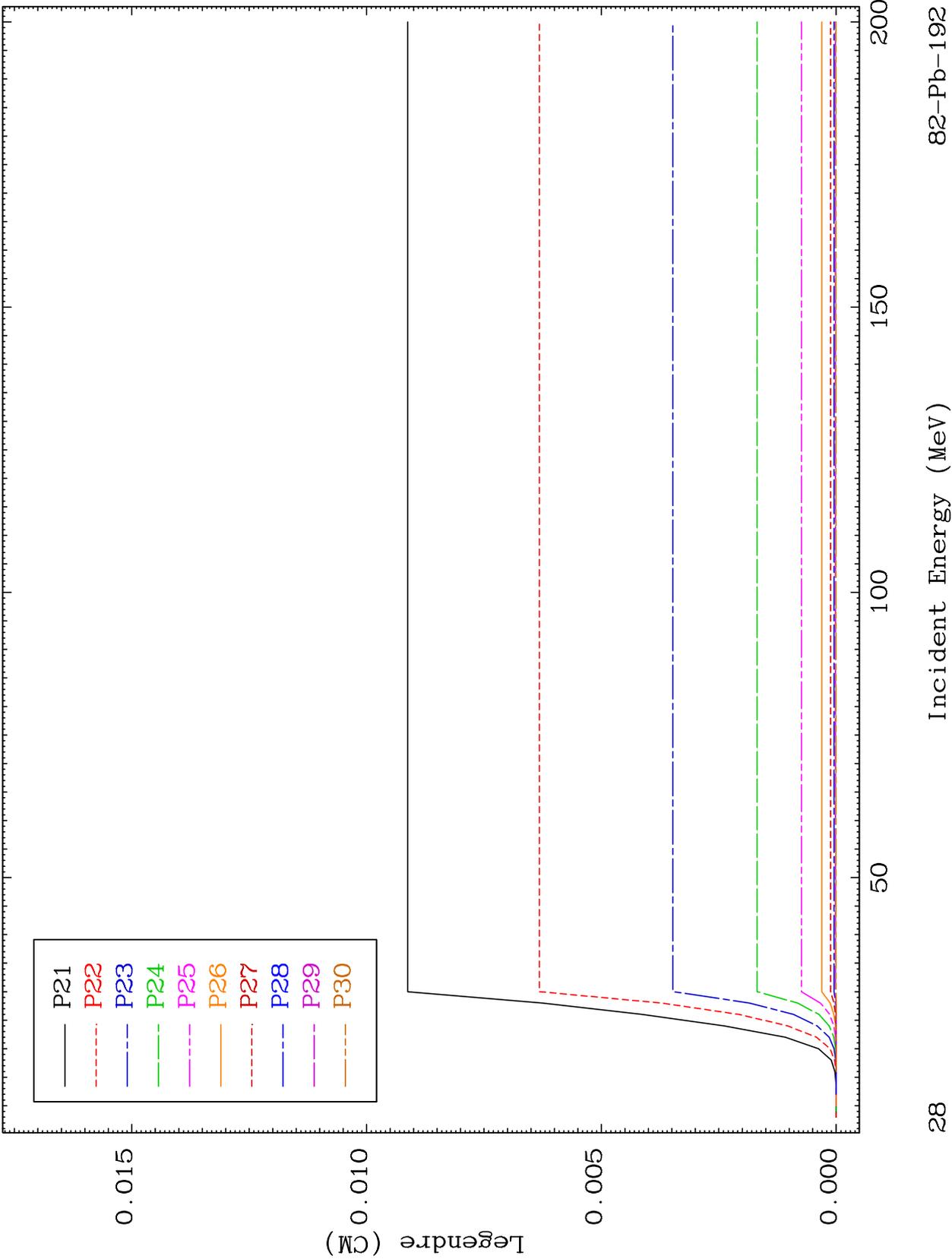
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



28

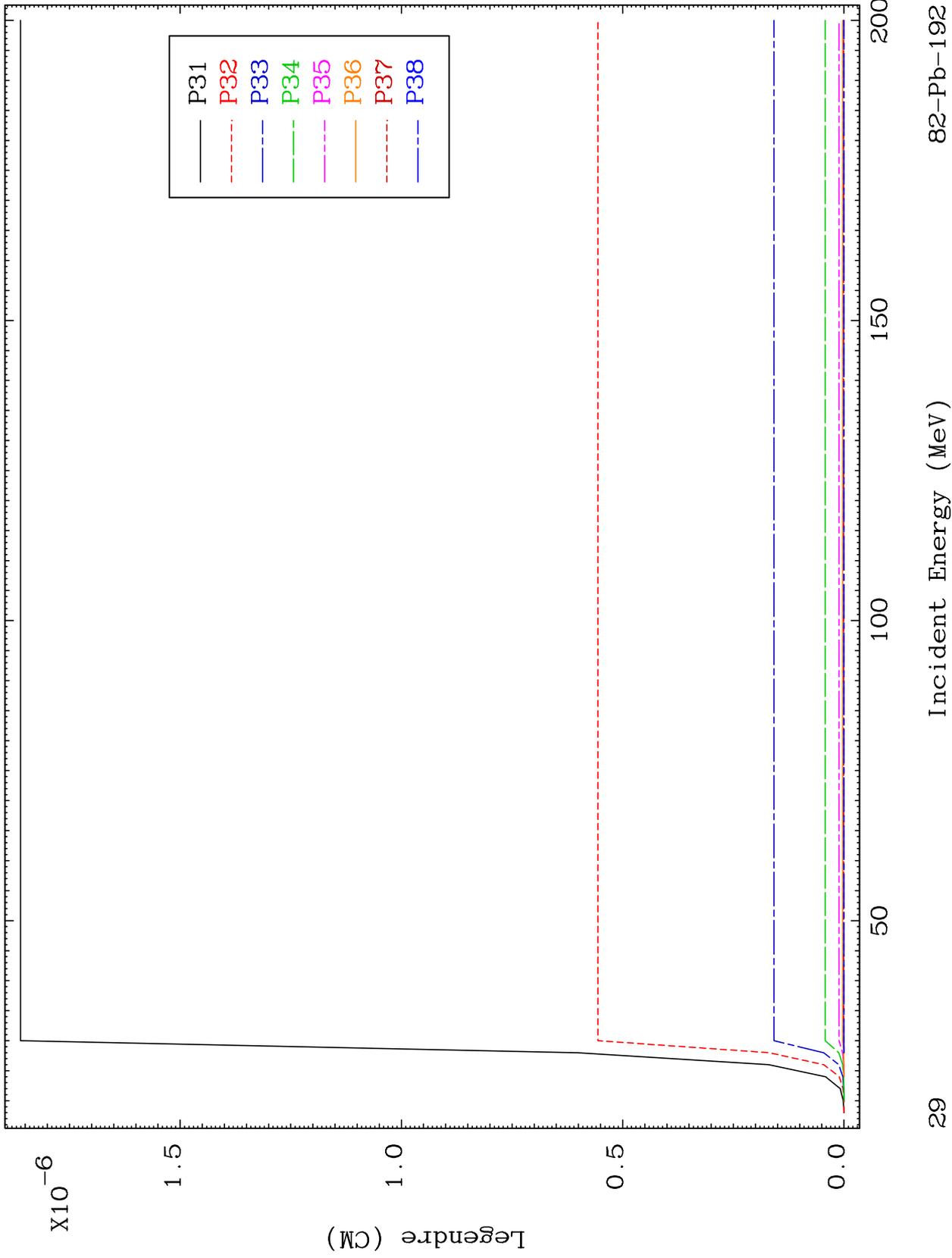
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

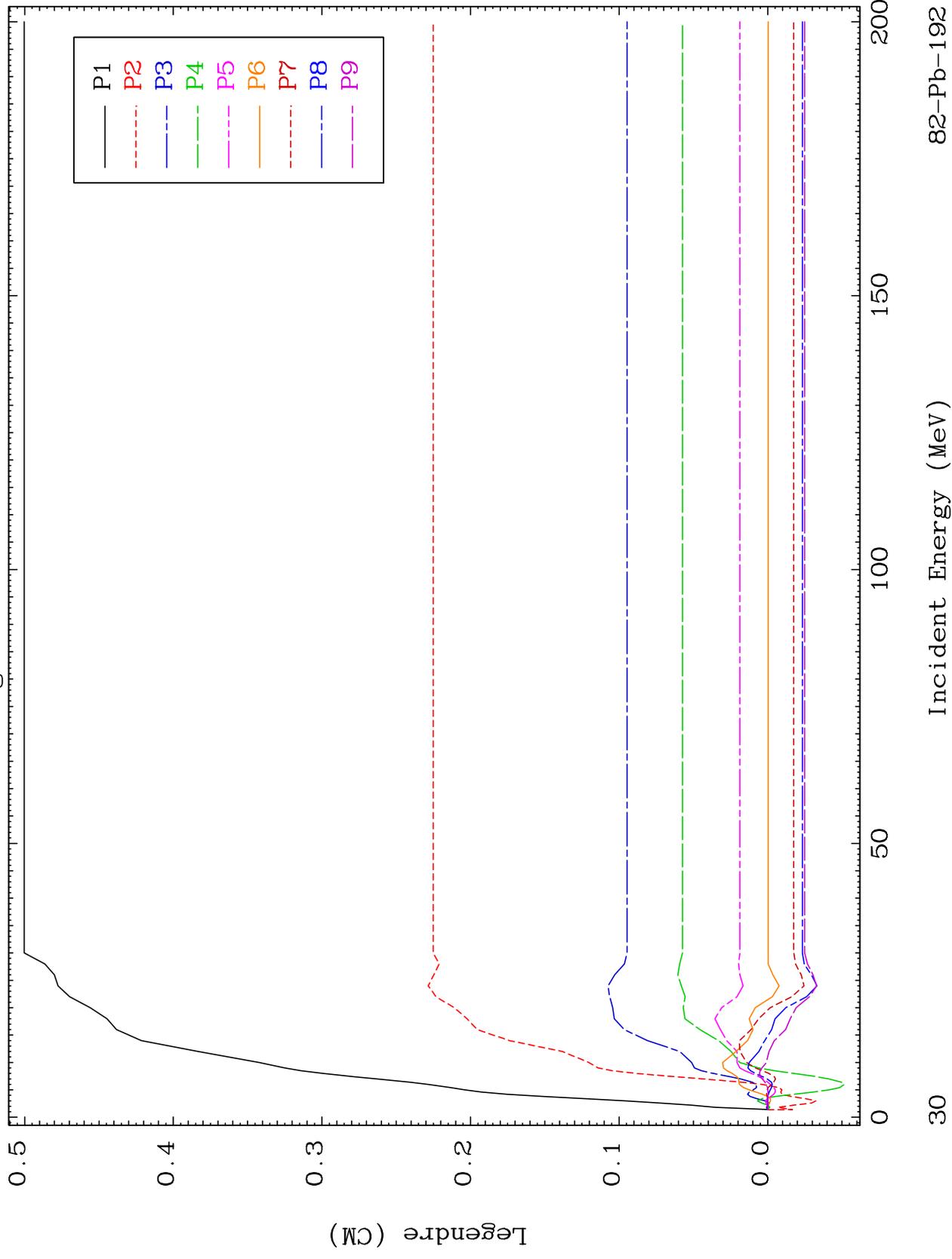
82-Pb-192



MAT 8189

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

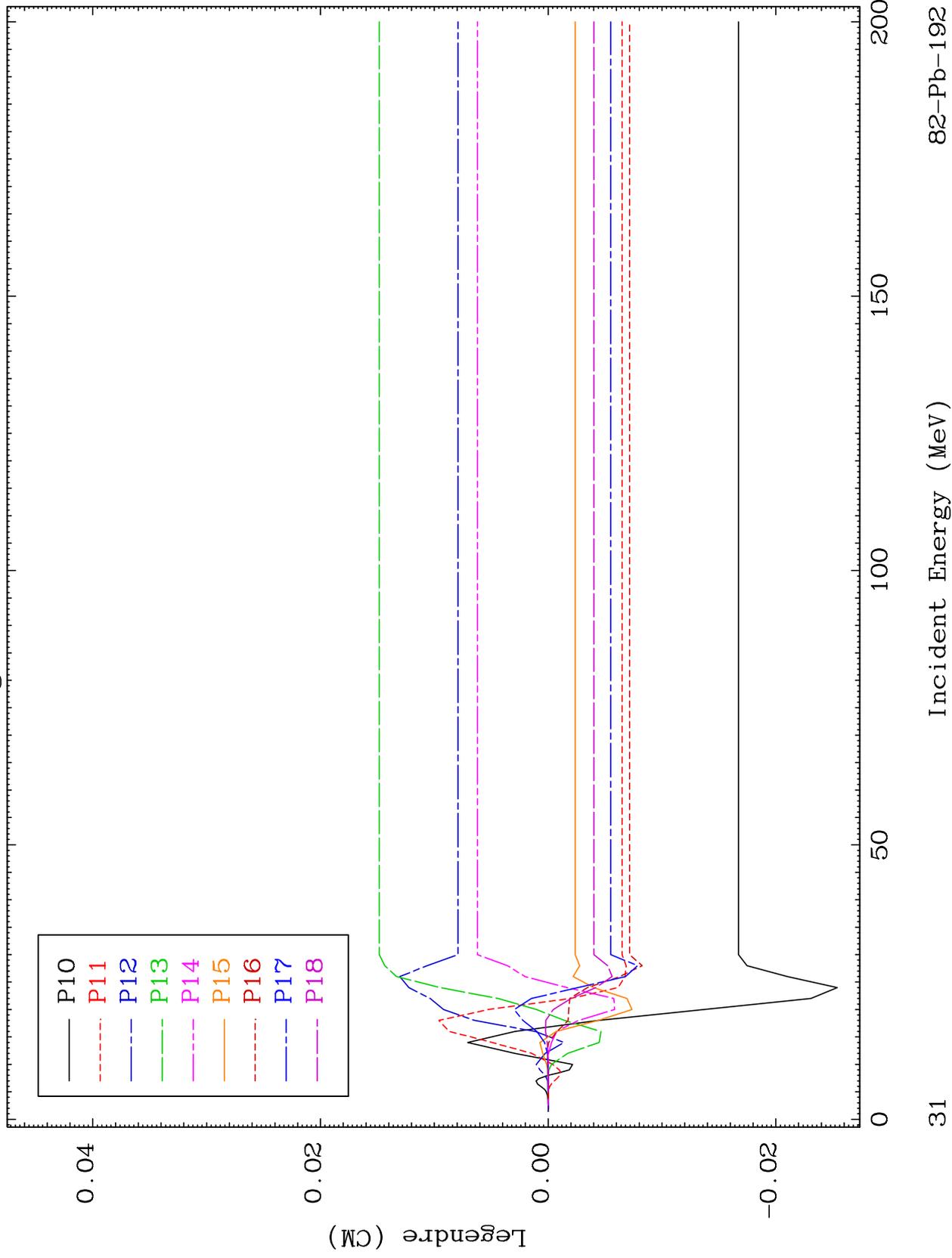
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MAT 8189

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

82-Pb-192



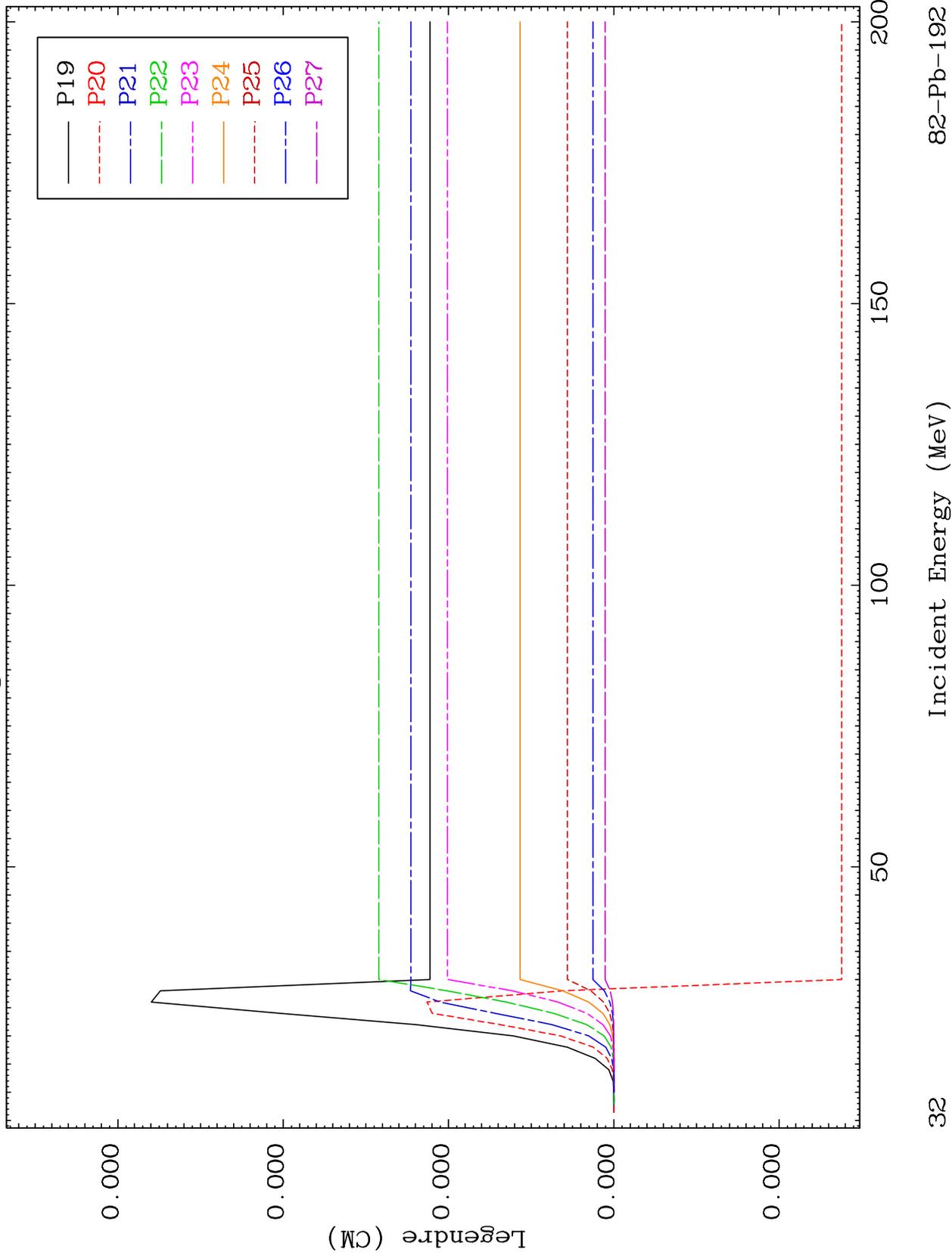
31

82-Pb-192

MAT 8189

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

82-Pb-192



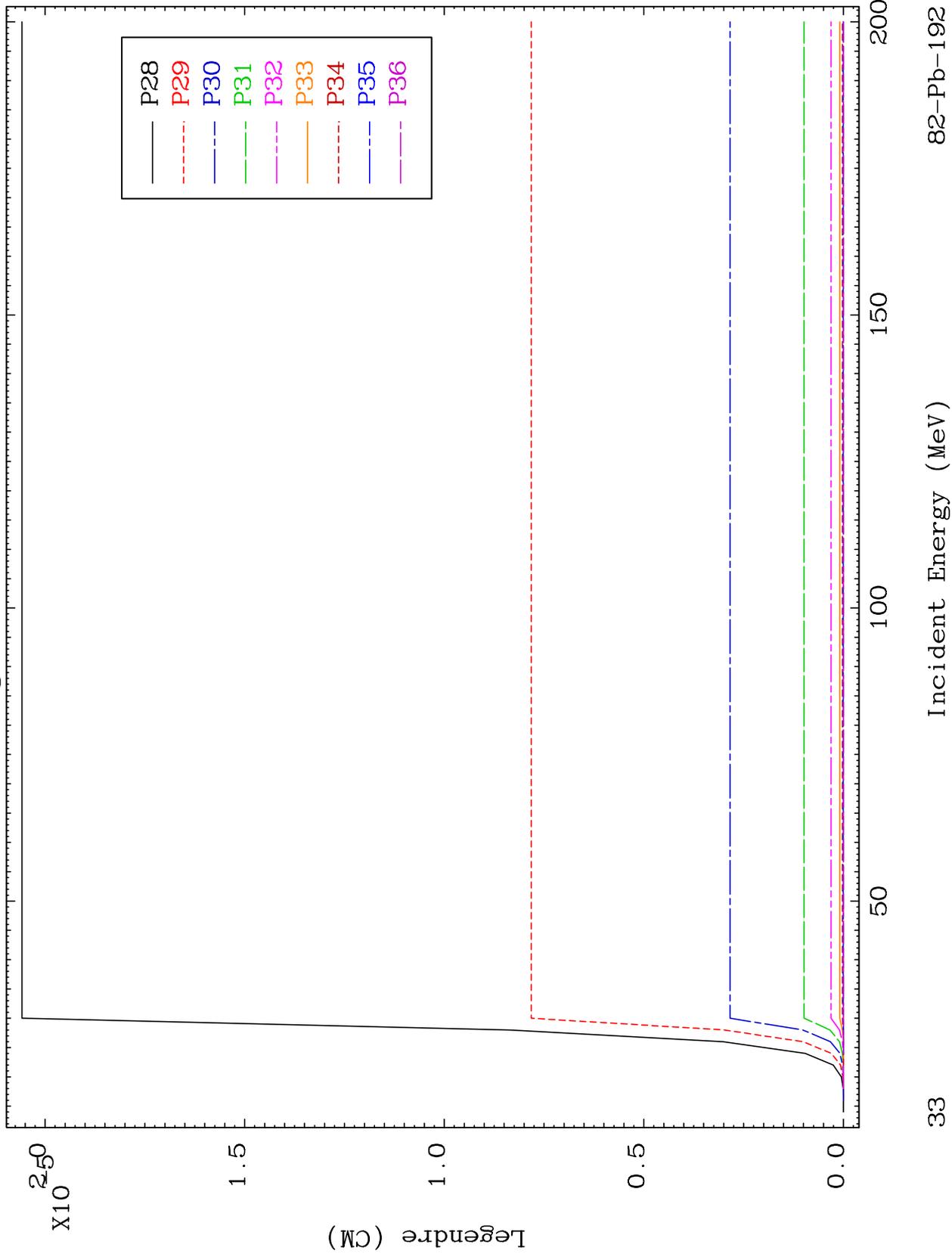
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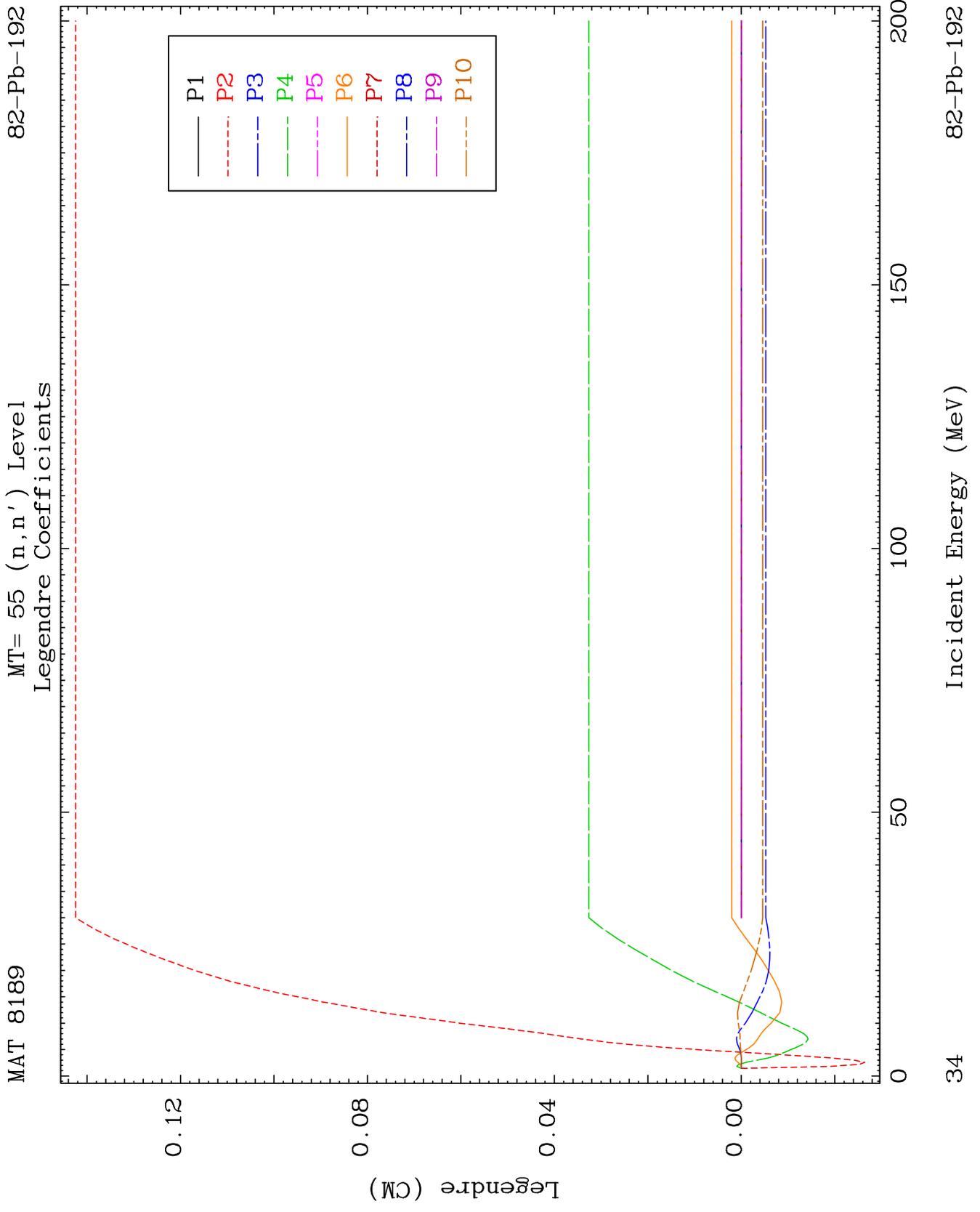
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MAT 8189

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

82-Pb-192

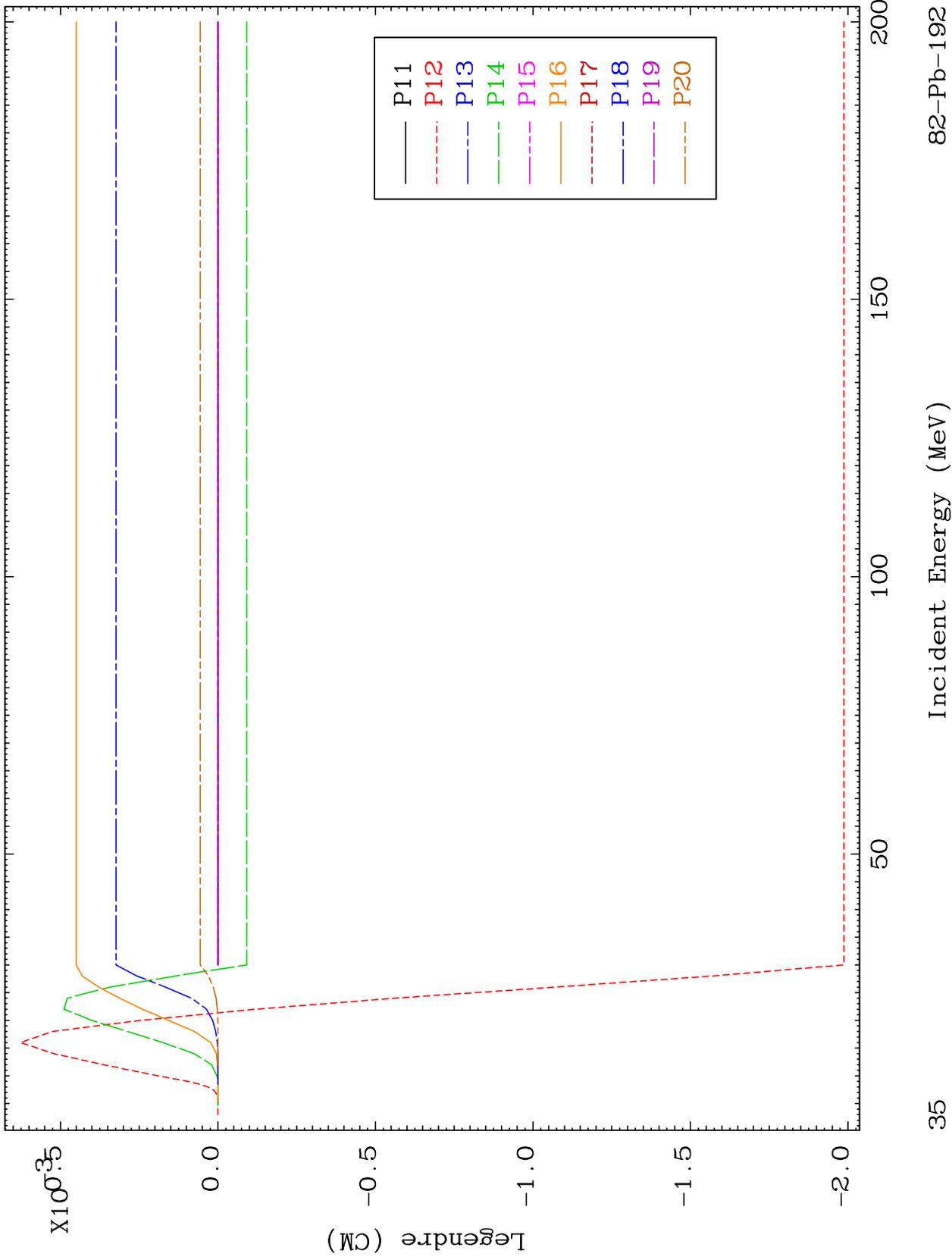




MAT 8189

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

82-Pb-192



35

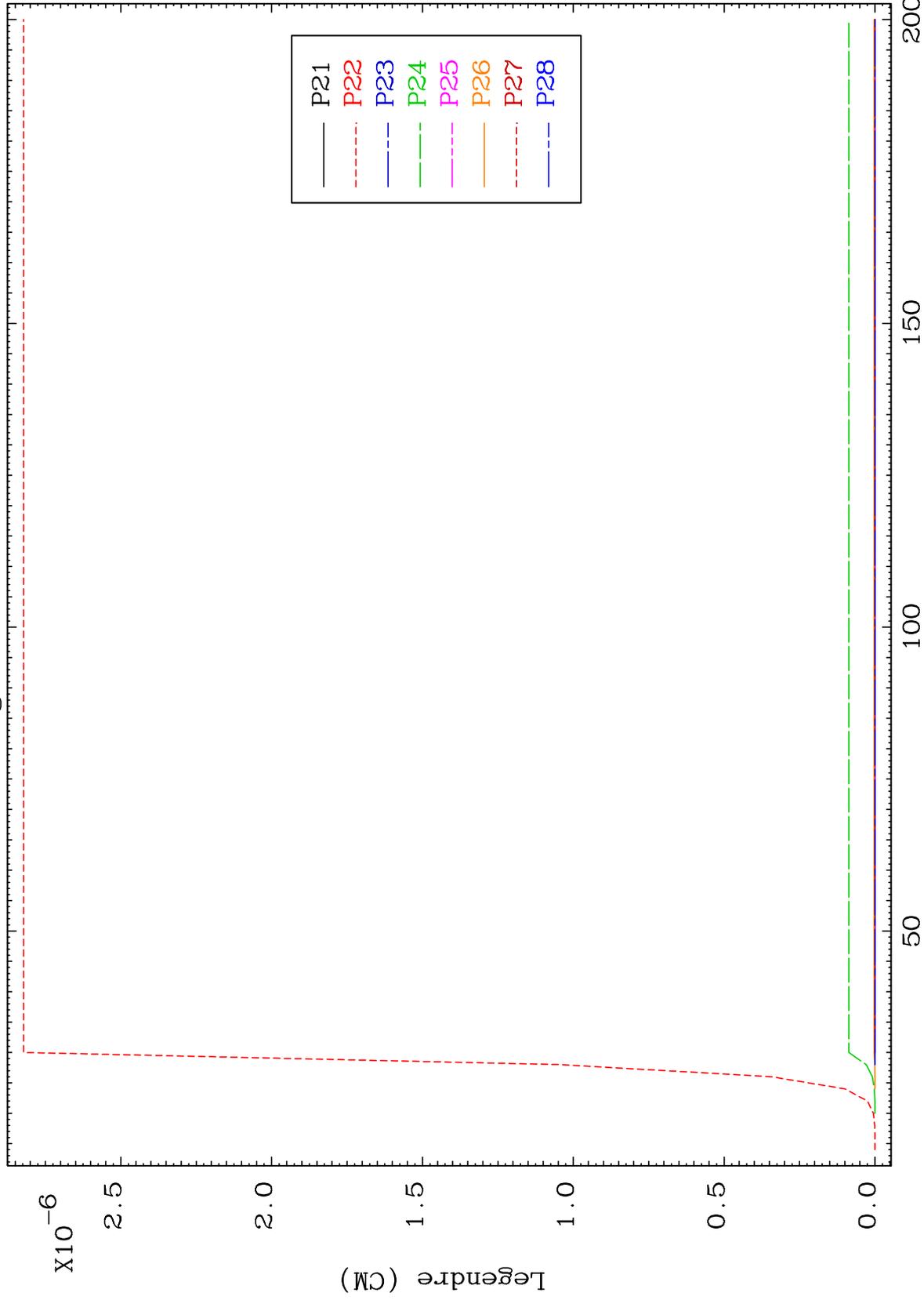
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



36

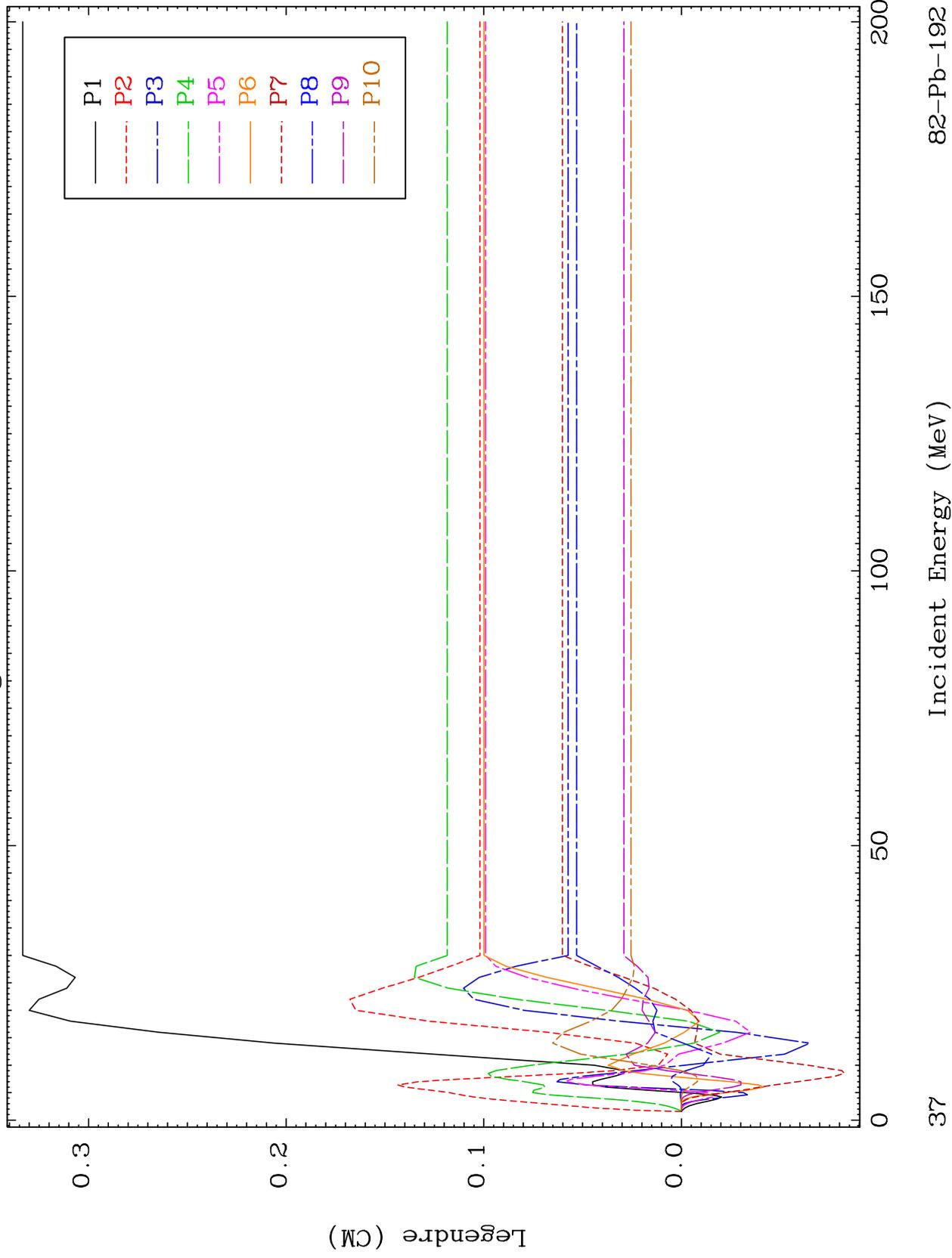
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



82-Pb-192

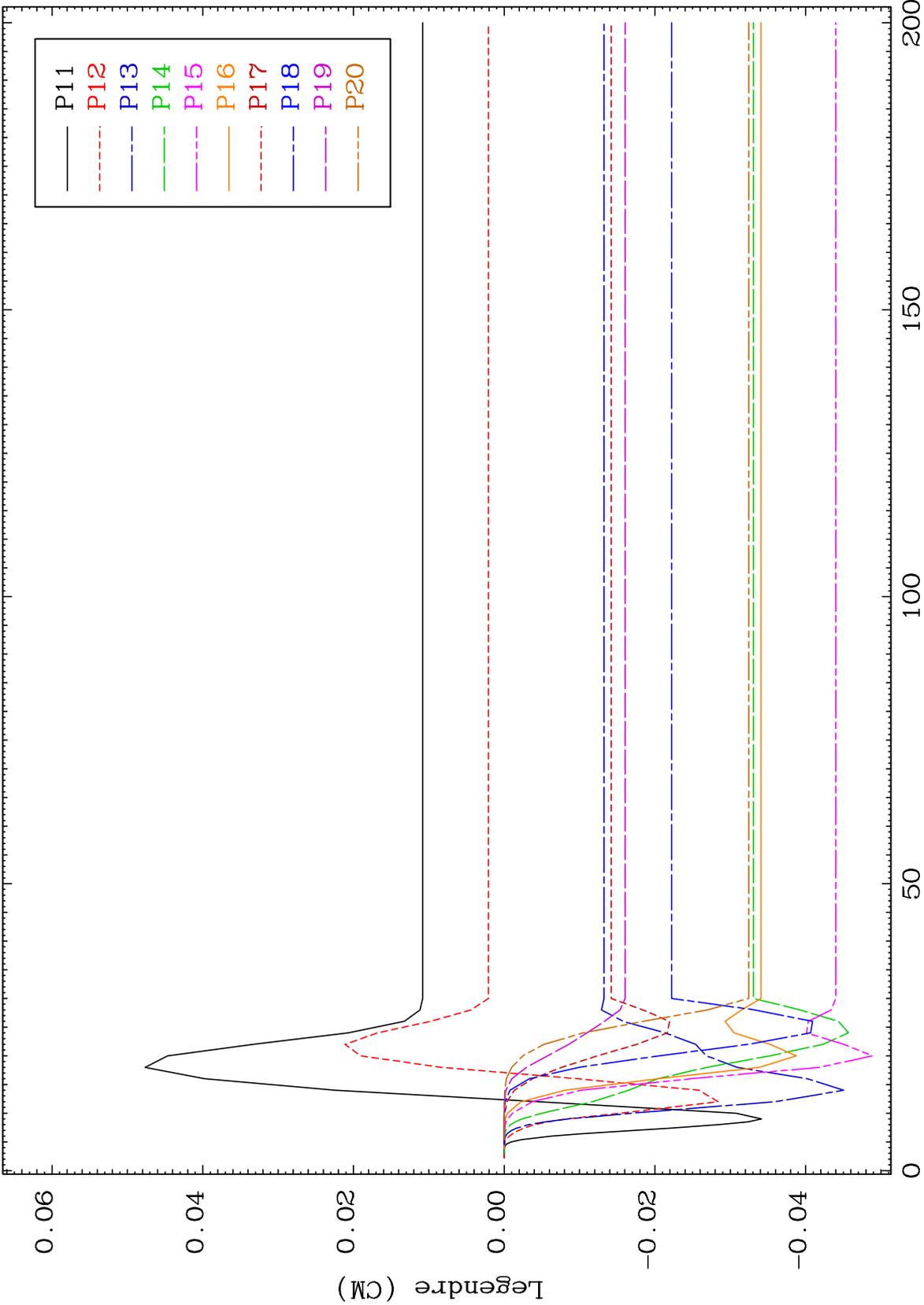
Incident Energy (MeV)

37

MAT 8189

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

82-Pb-192



38

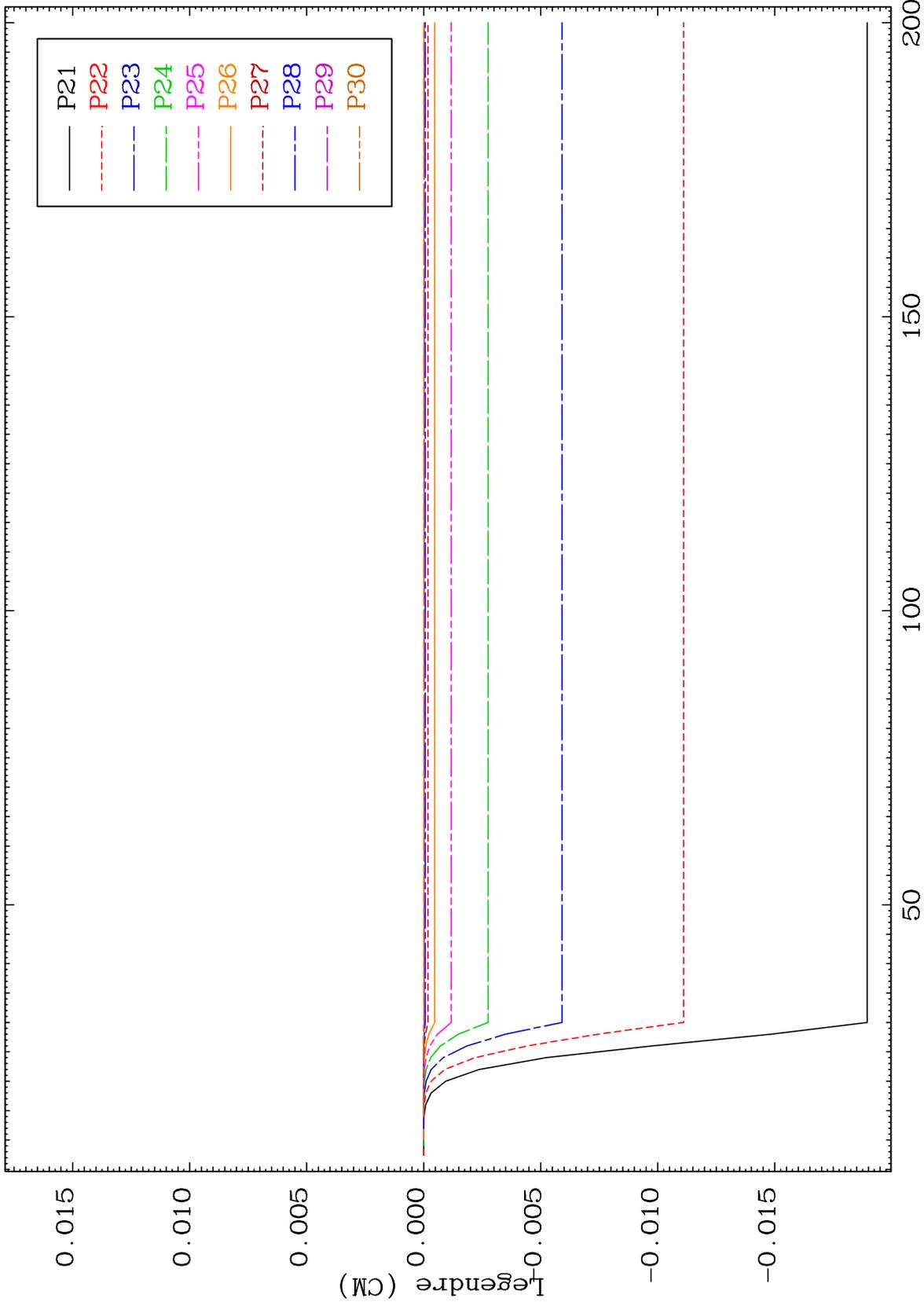
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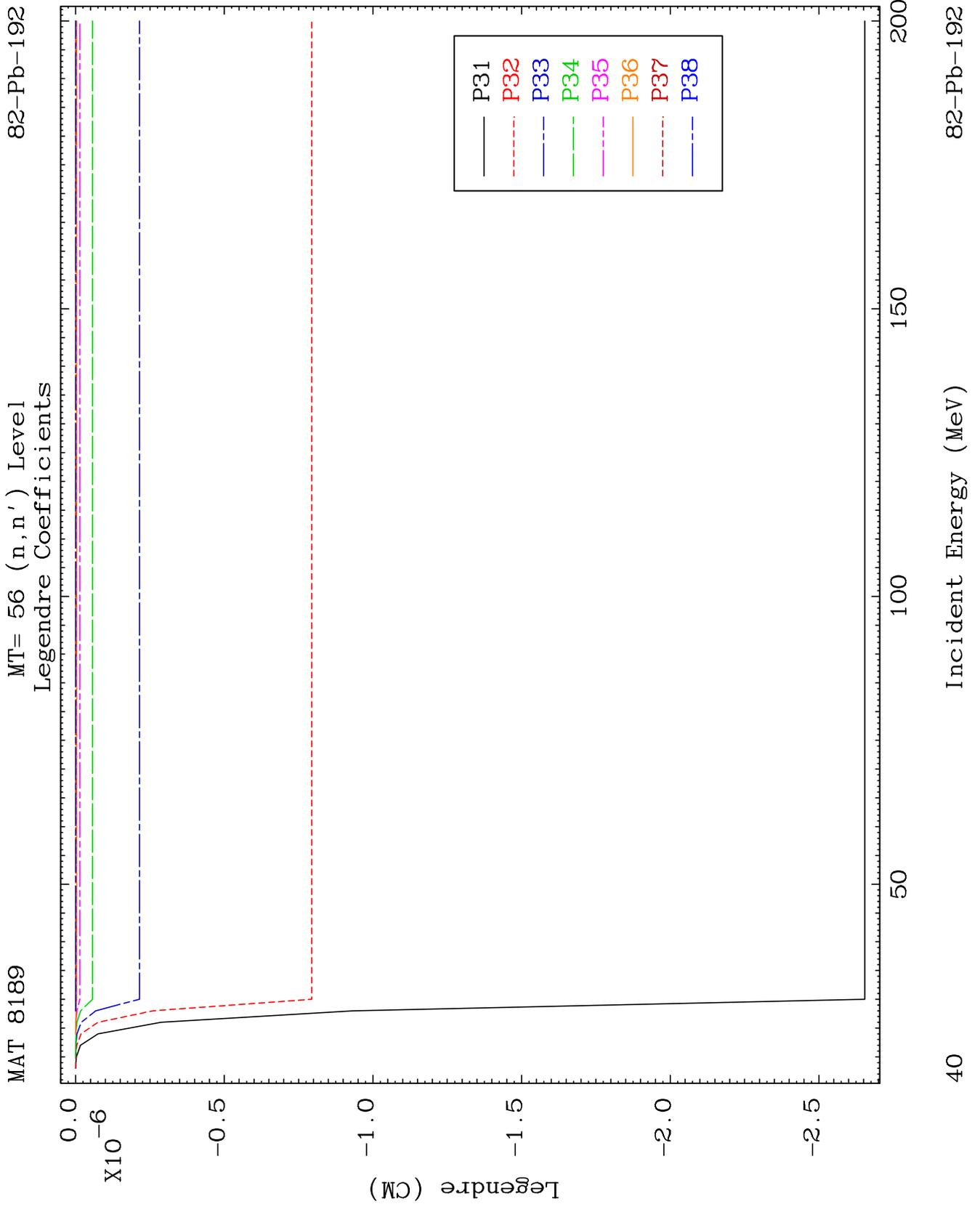
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MAT 8189

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

82-Pb-192

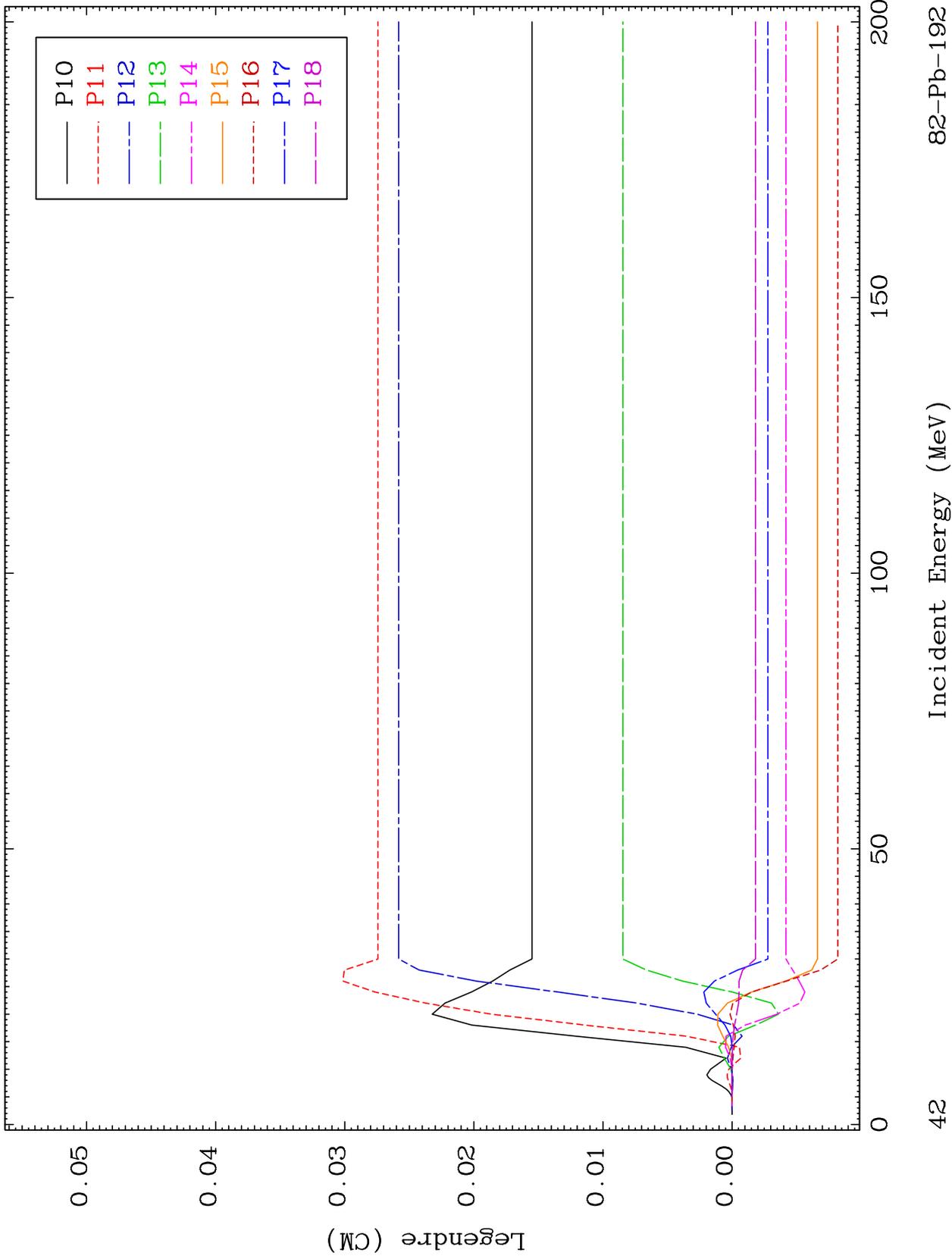




MAT 8189

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

82-Pb-192



42

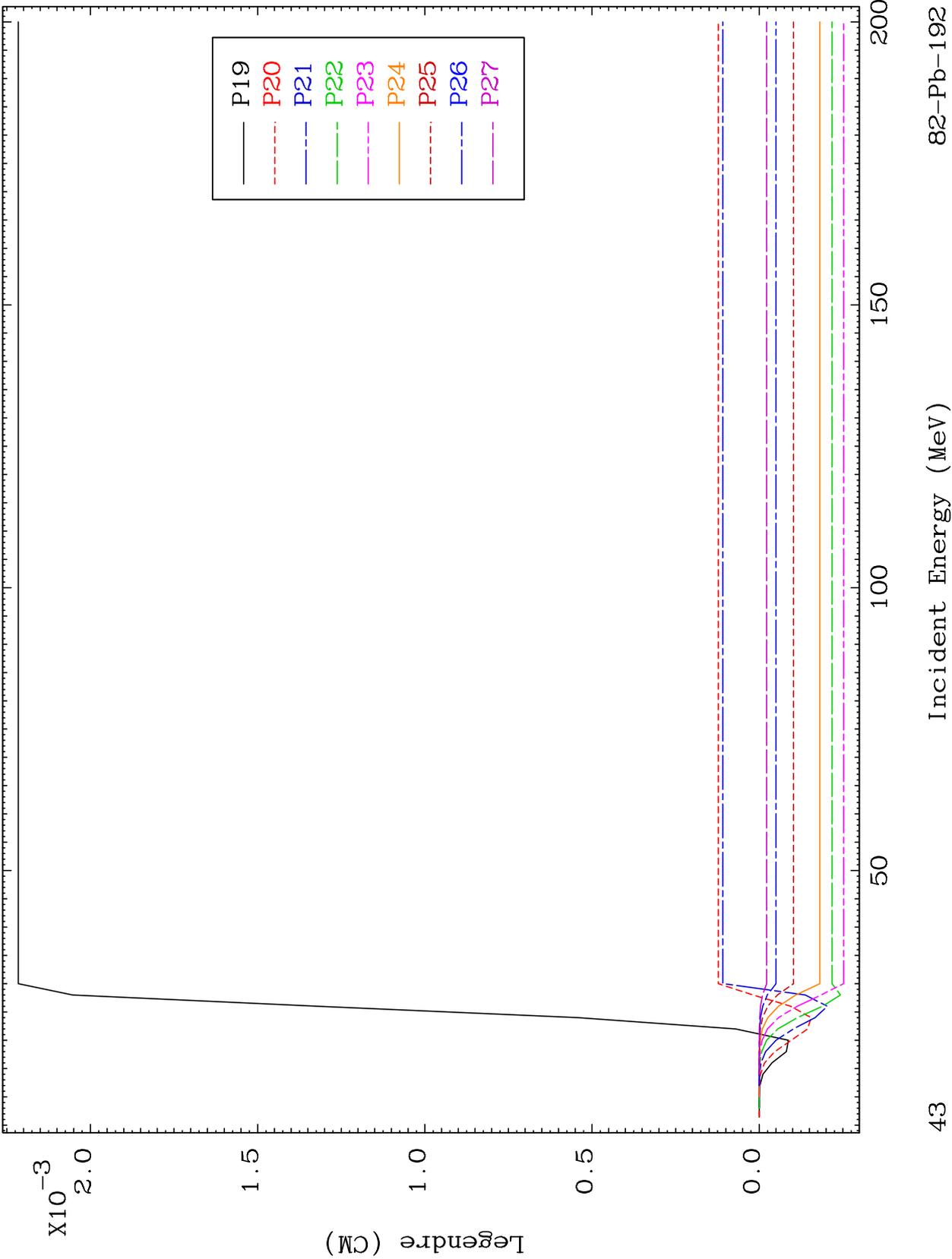
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192

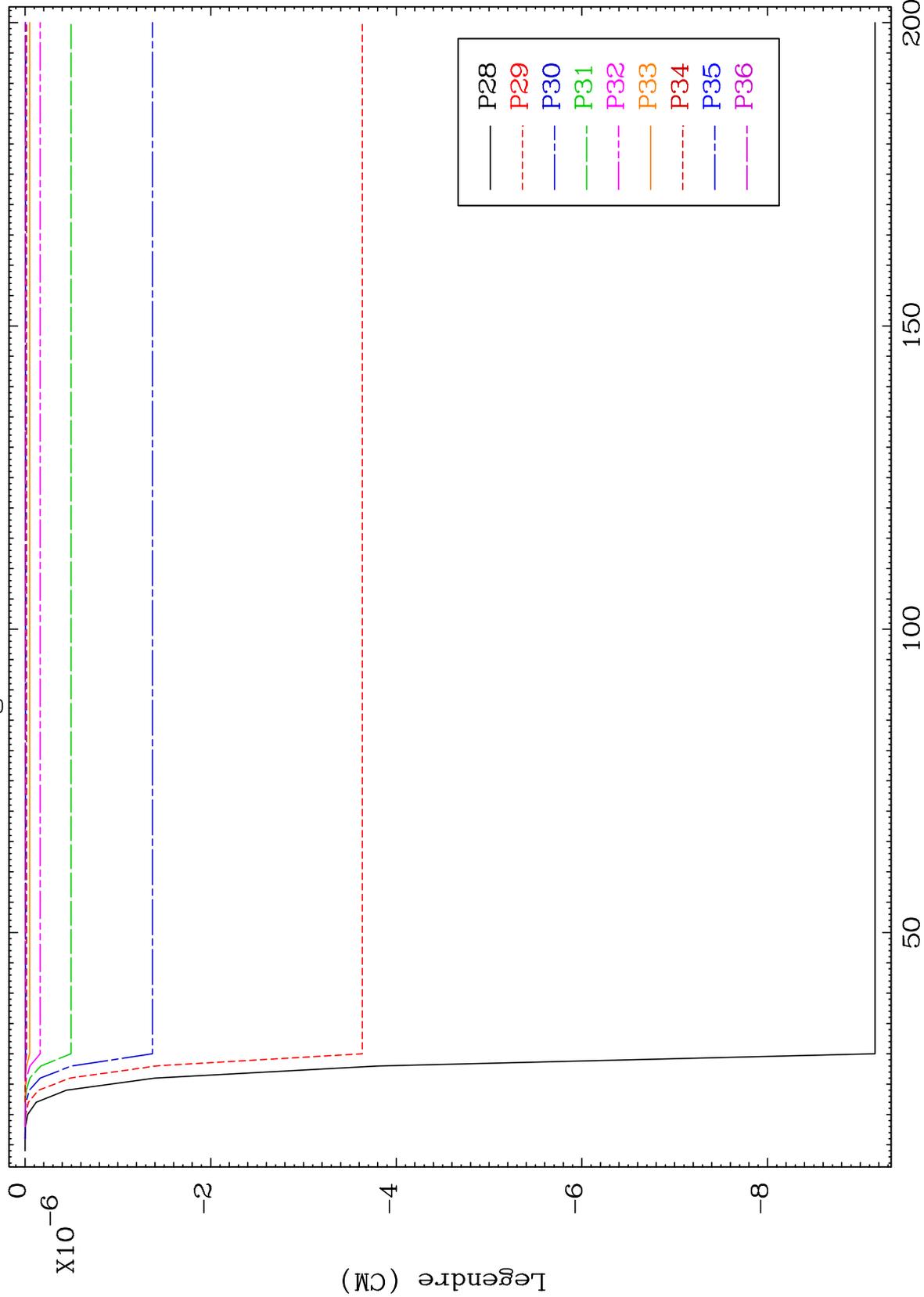


MAT 8189

MT= 57 (n,n') Level

82-Pb-192

Legendre Coefficients



82-Pb-192

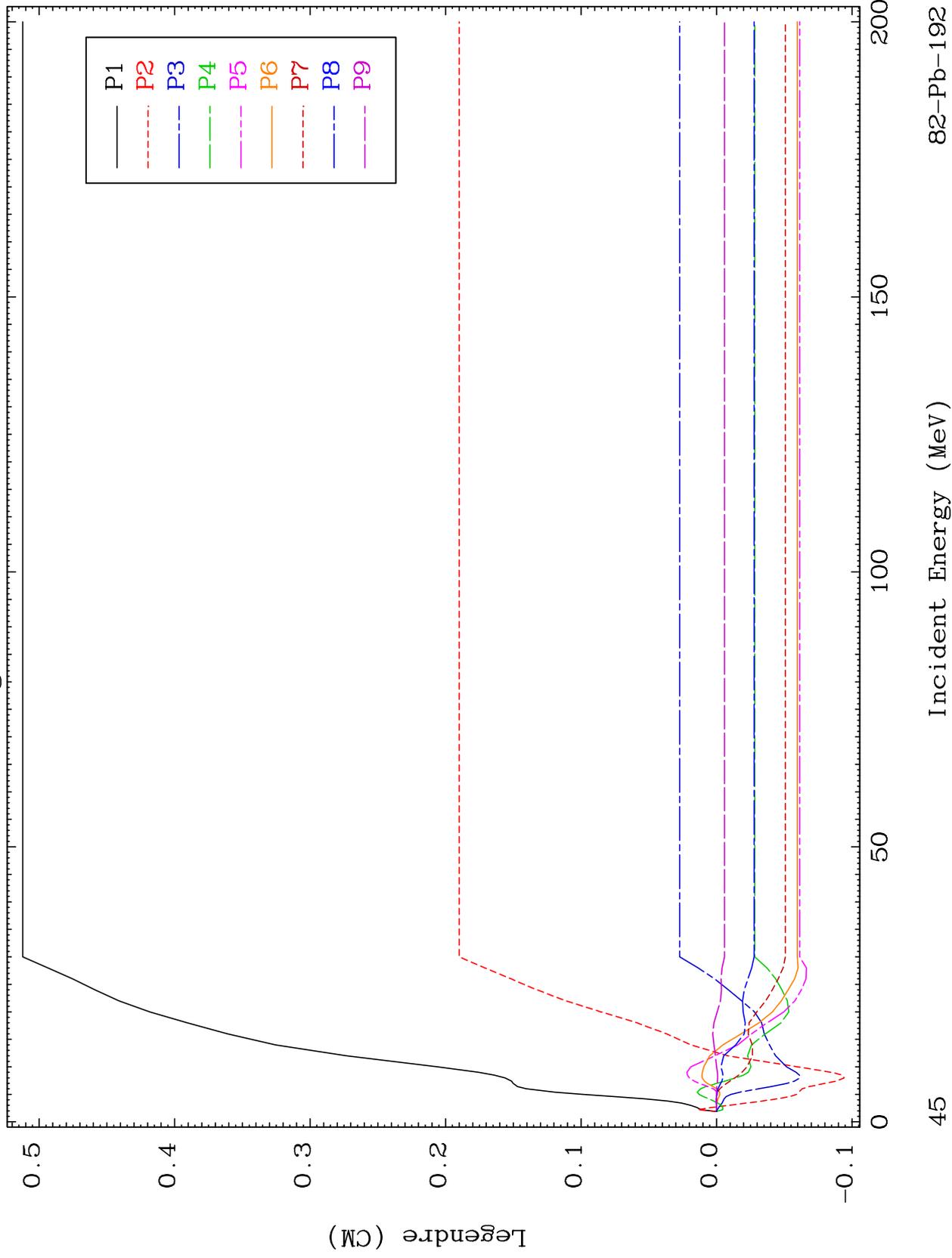
Incident Energy (MeV)

44

MAT 8189

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

82-Pb-192



82-Pb-192

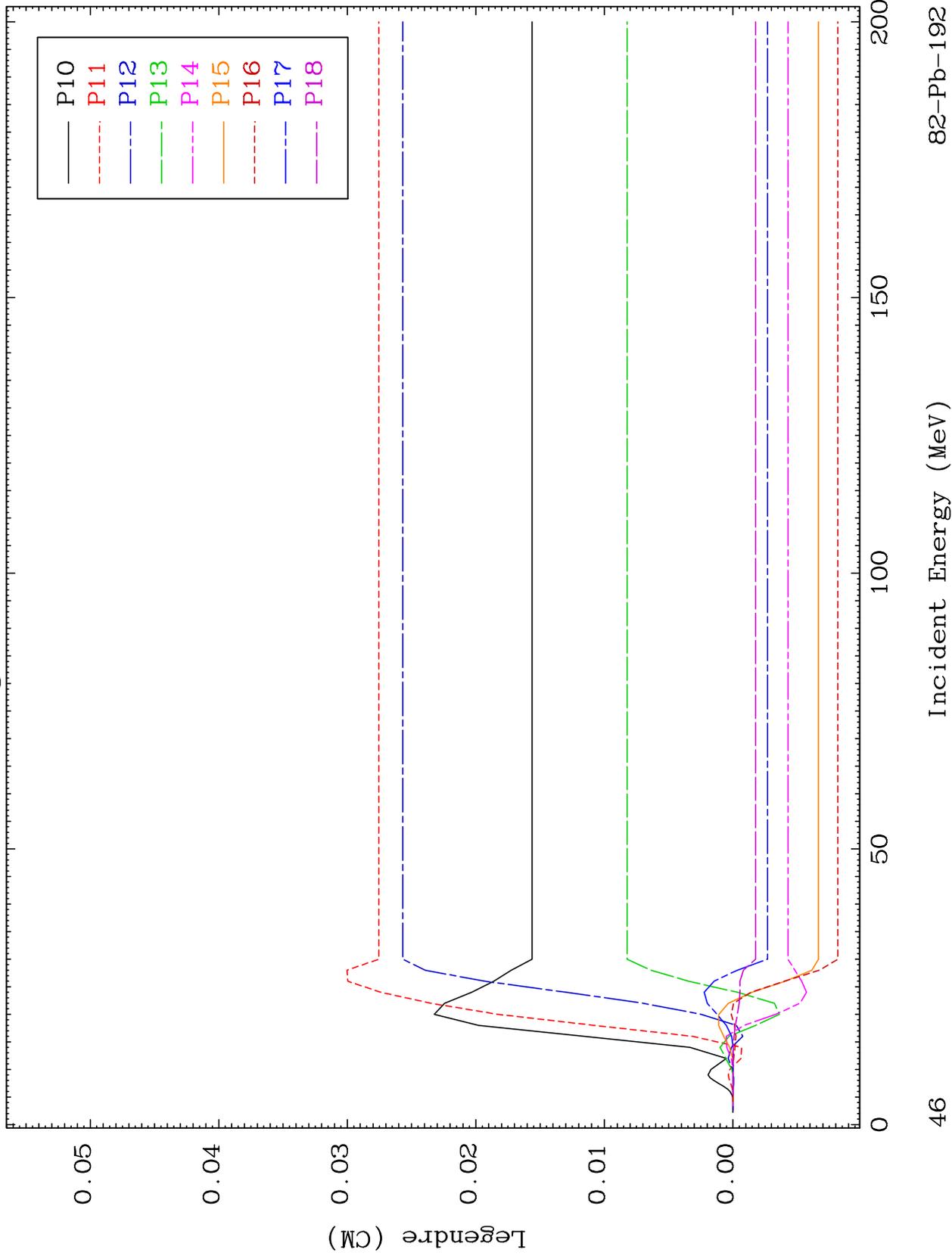
Incident Energy (MeV)

45

MAT 8189

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

82-Pb-192



46

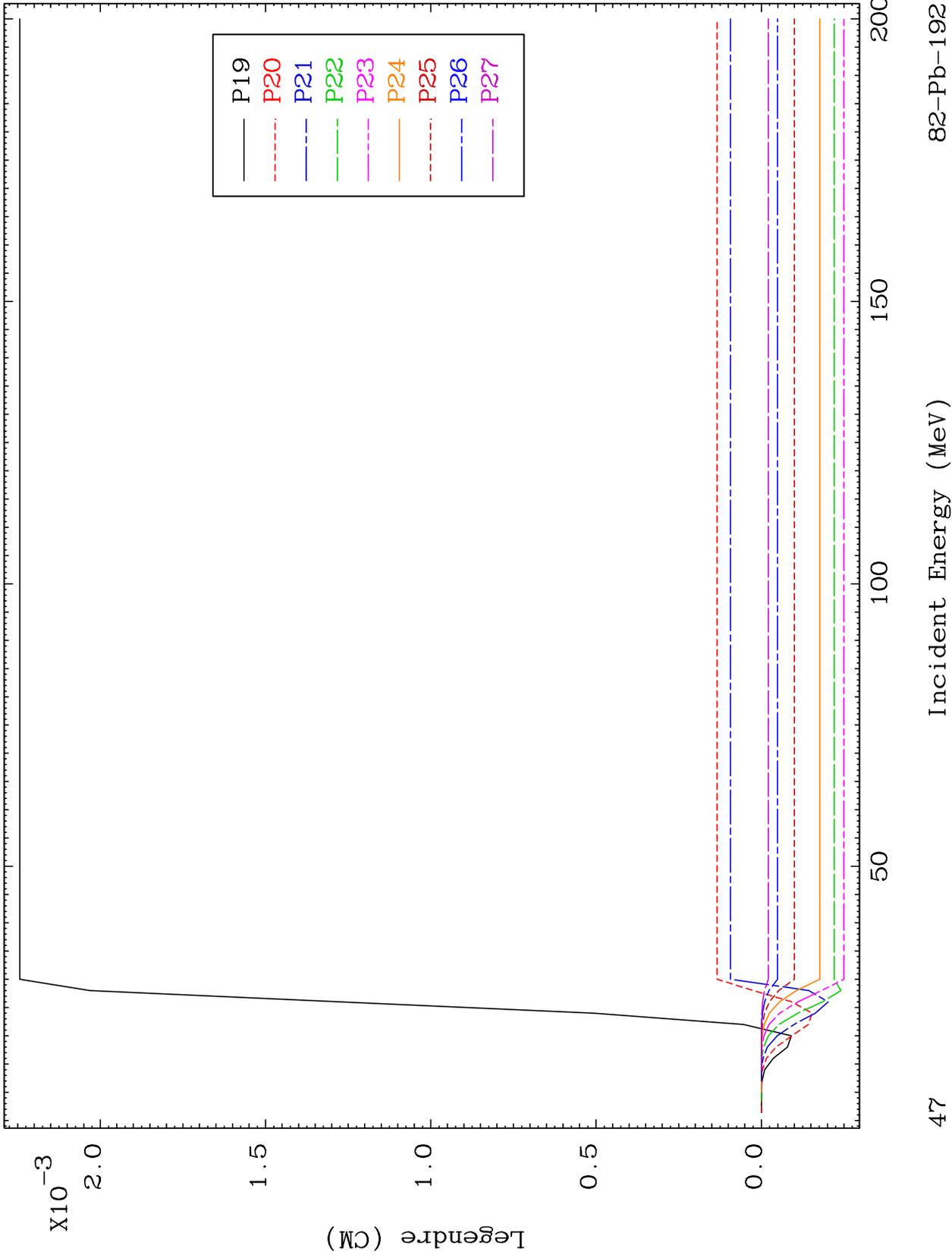
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

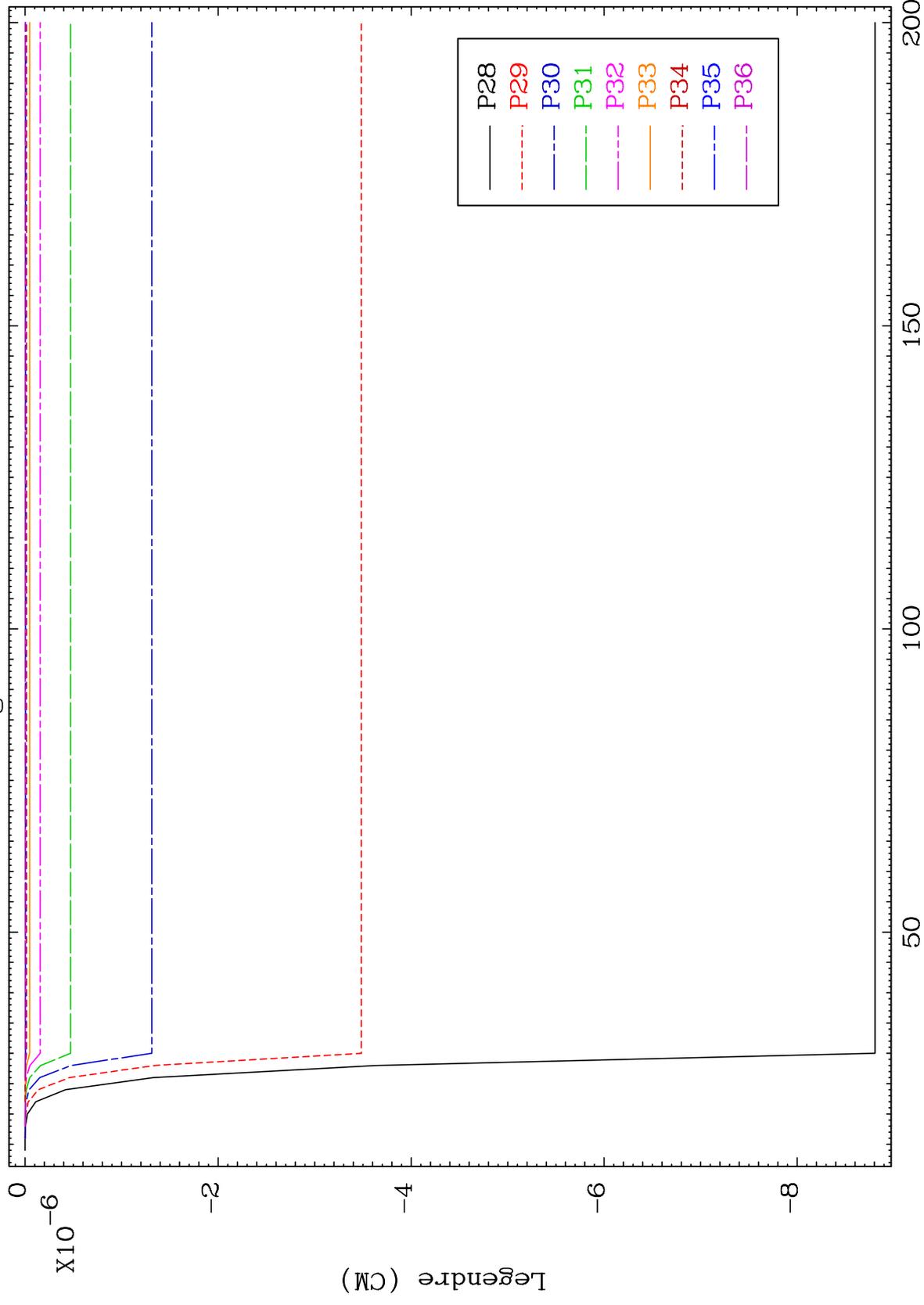
82-Pb-192



MAT 8189

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

82-Pb-192



48

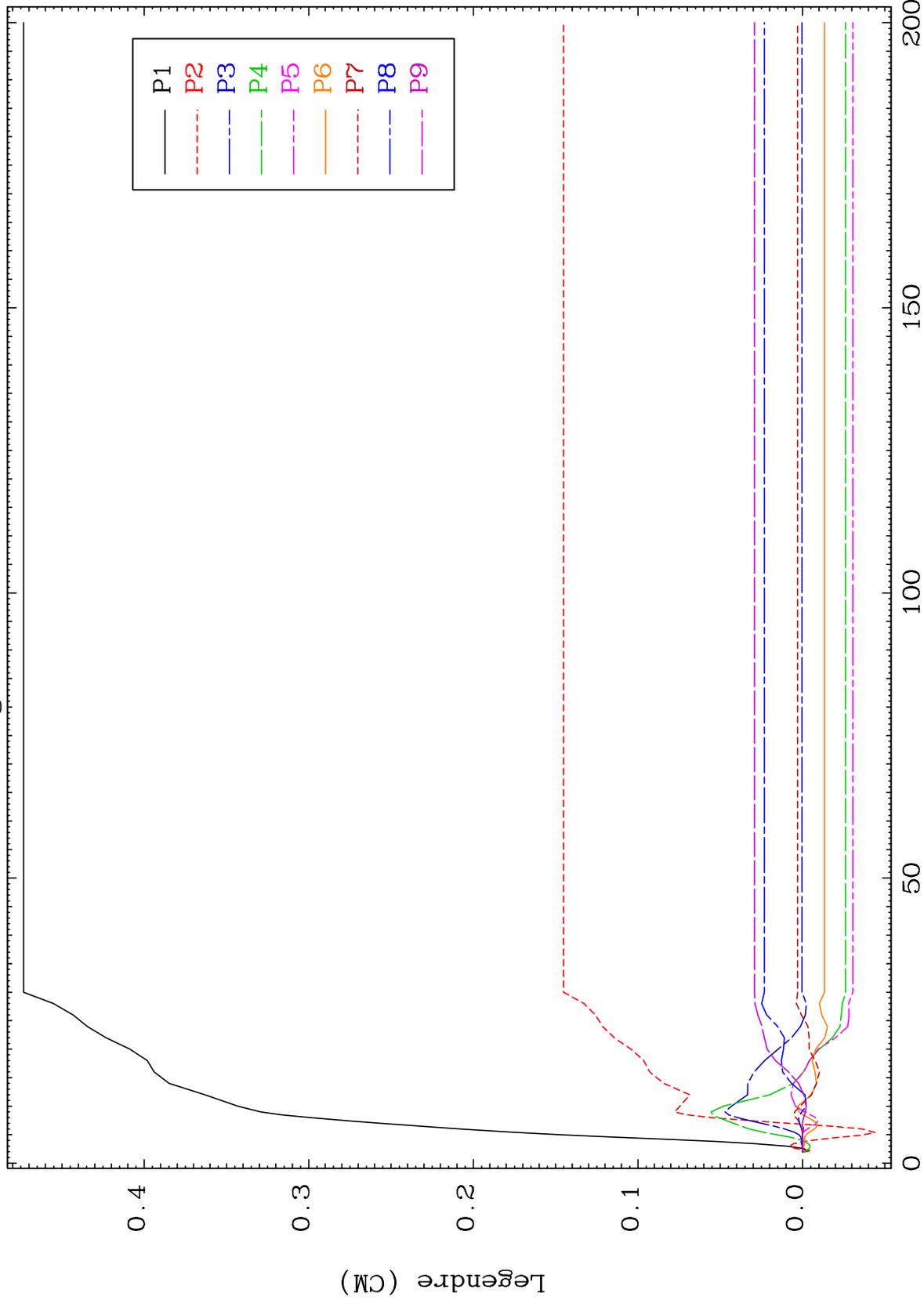
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

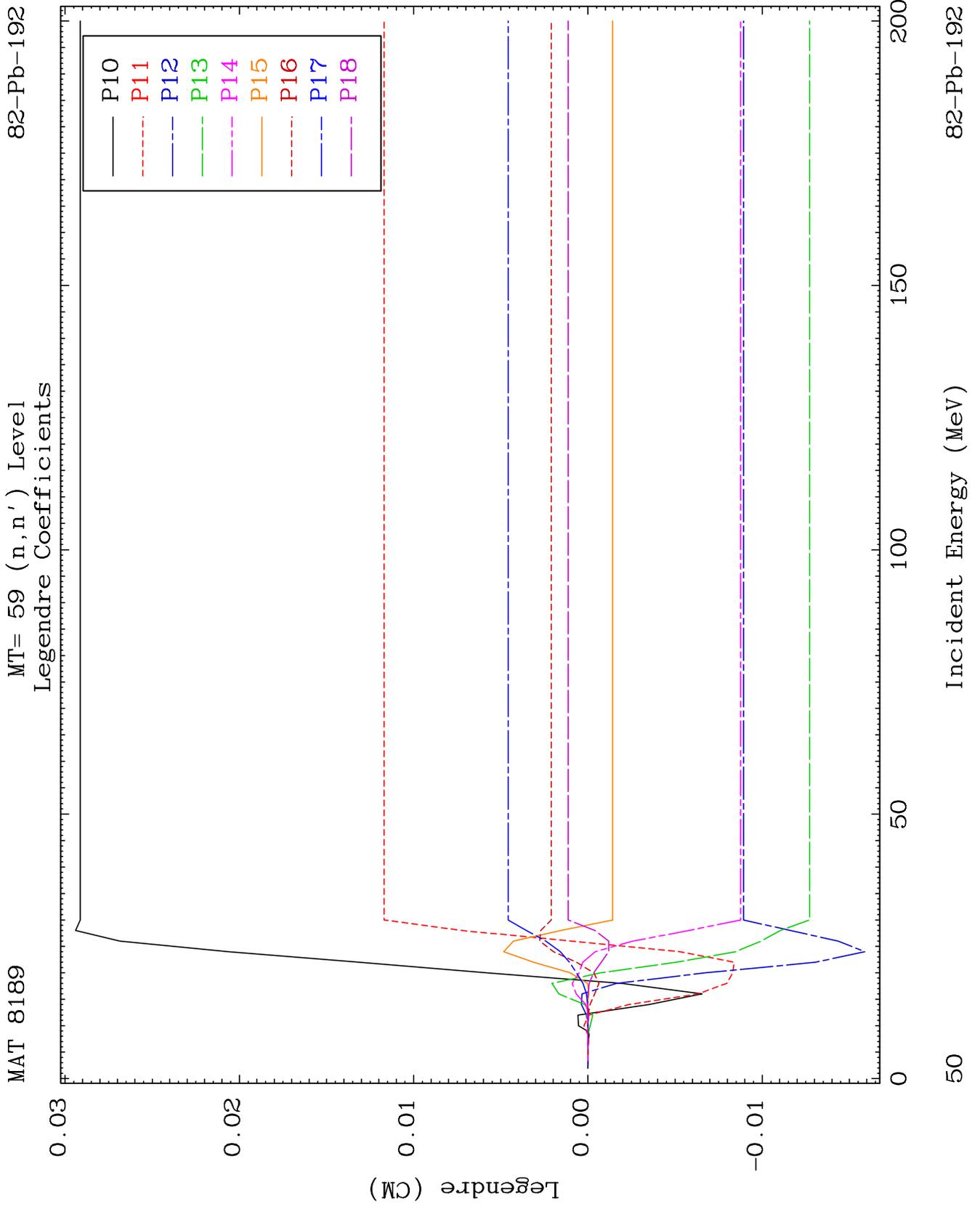
82-Pb-192



49

Incident Energy (MeV)

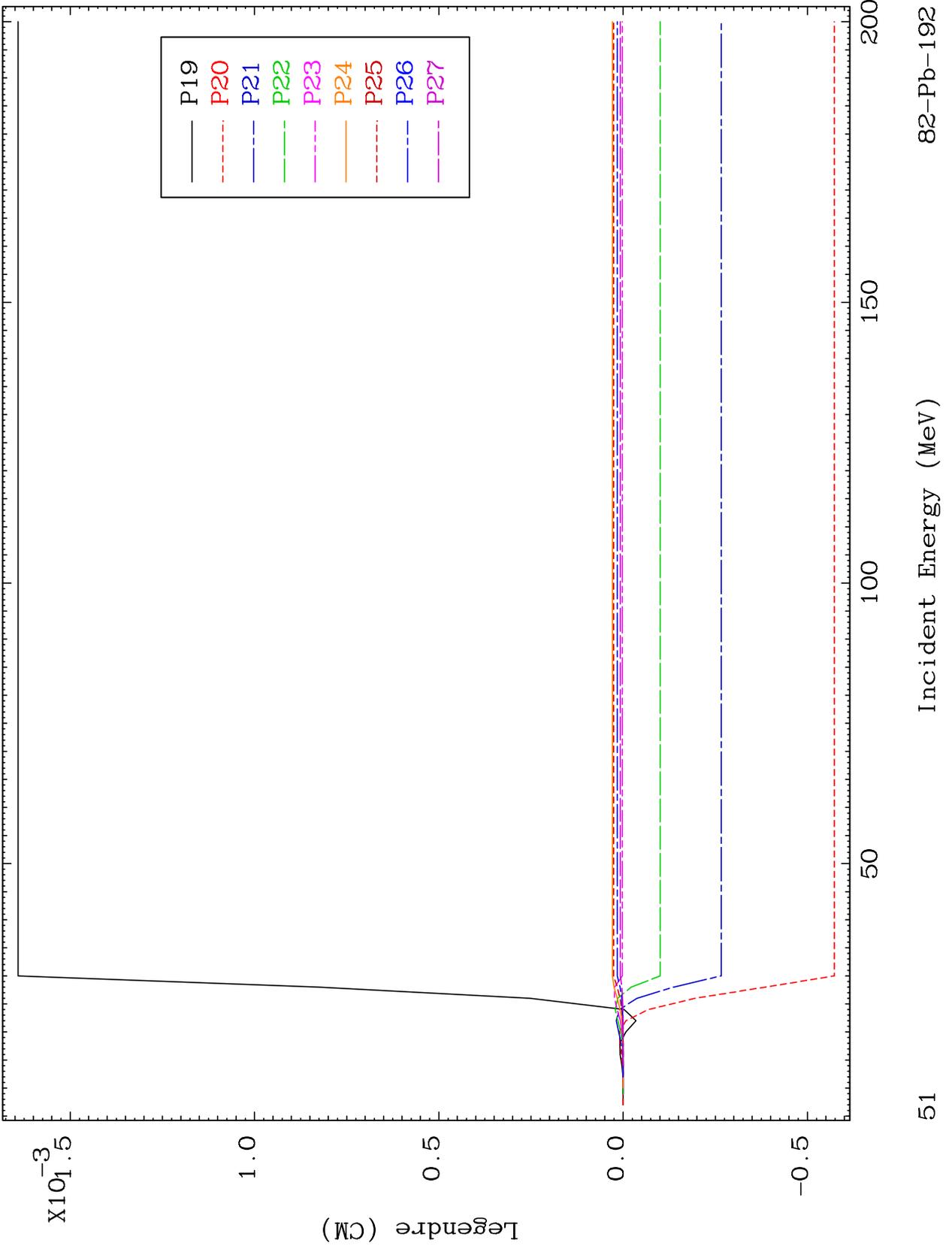
82-Pb-192



MAT 8189

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

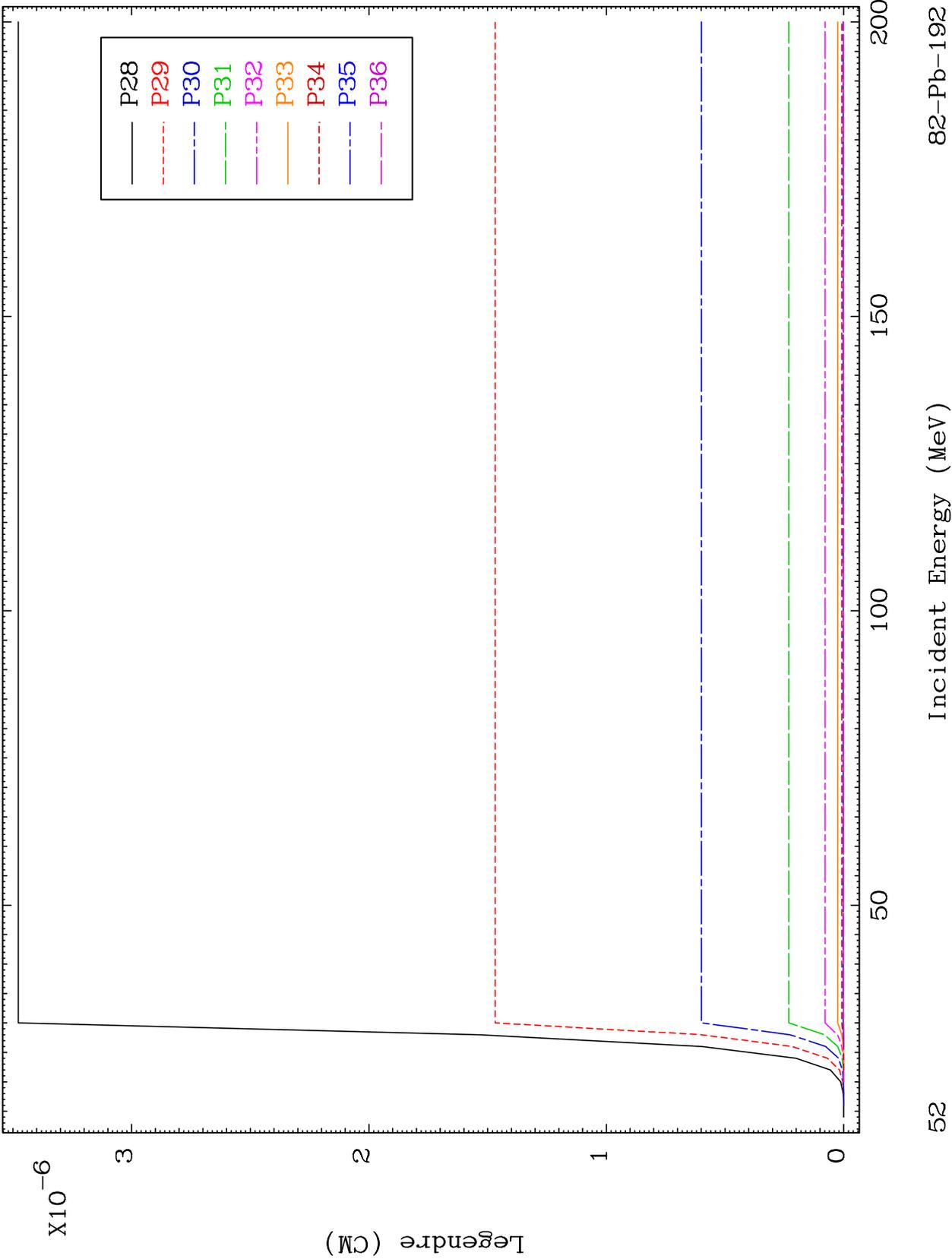
82-Pb-192



MAT 8189

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

82-Pb-192



52

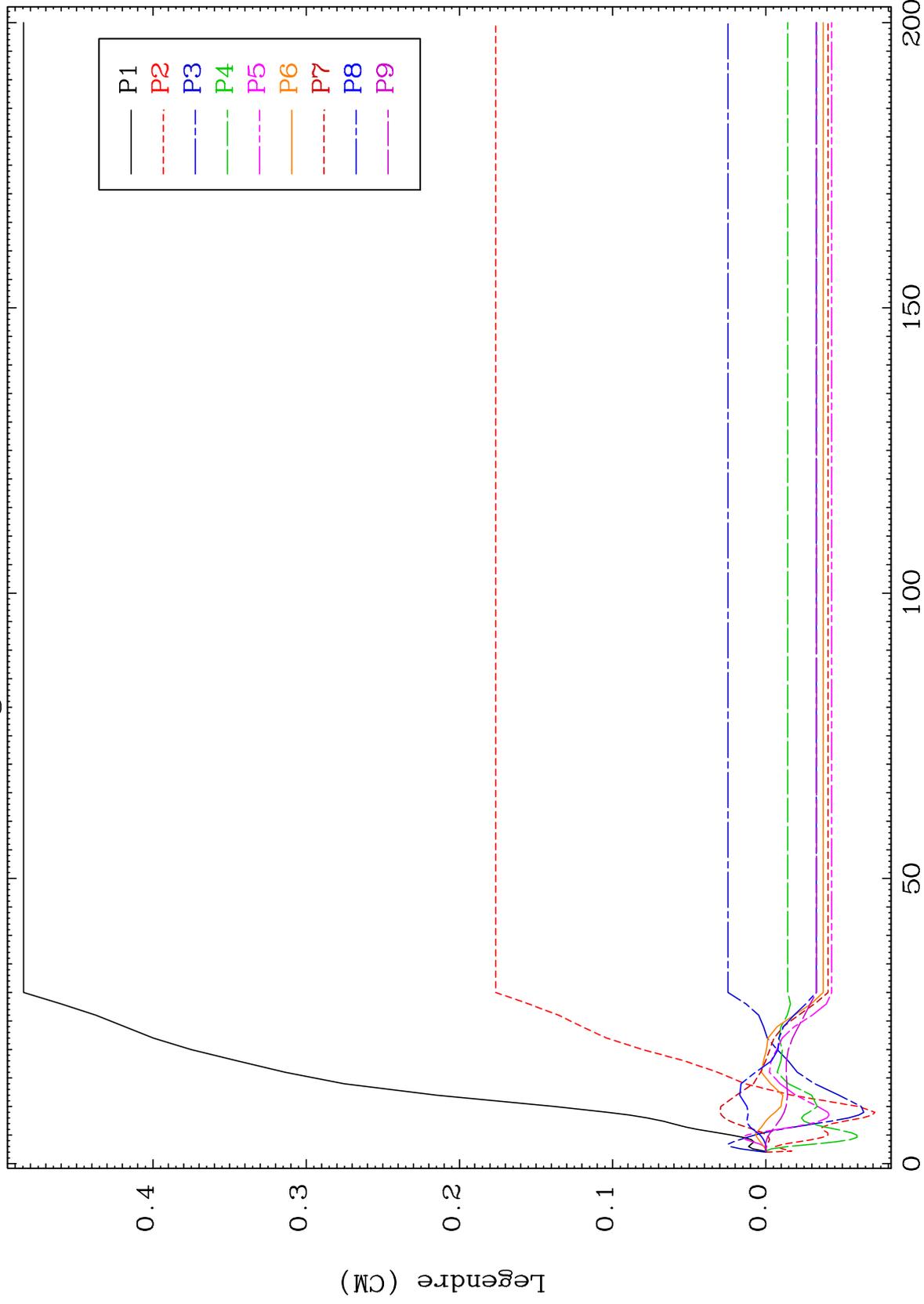
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



53

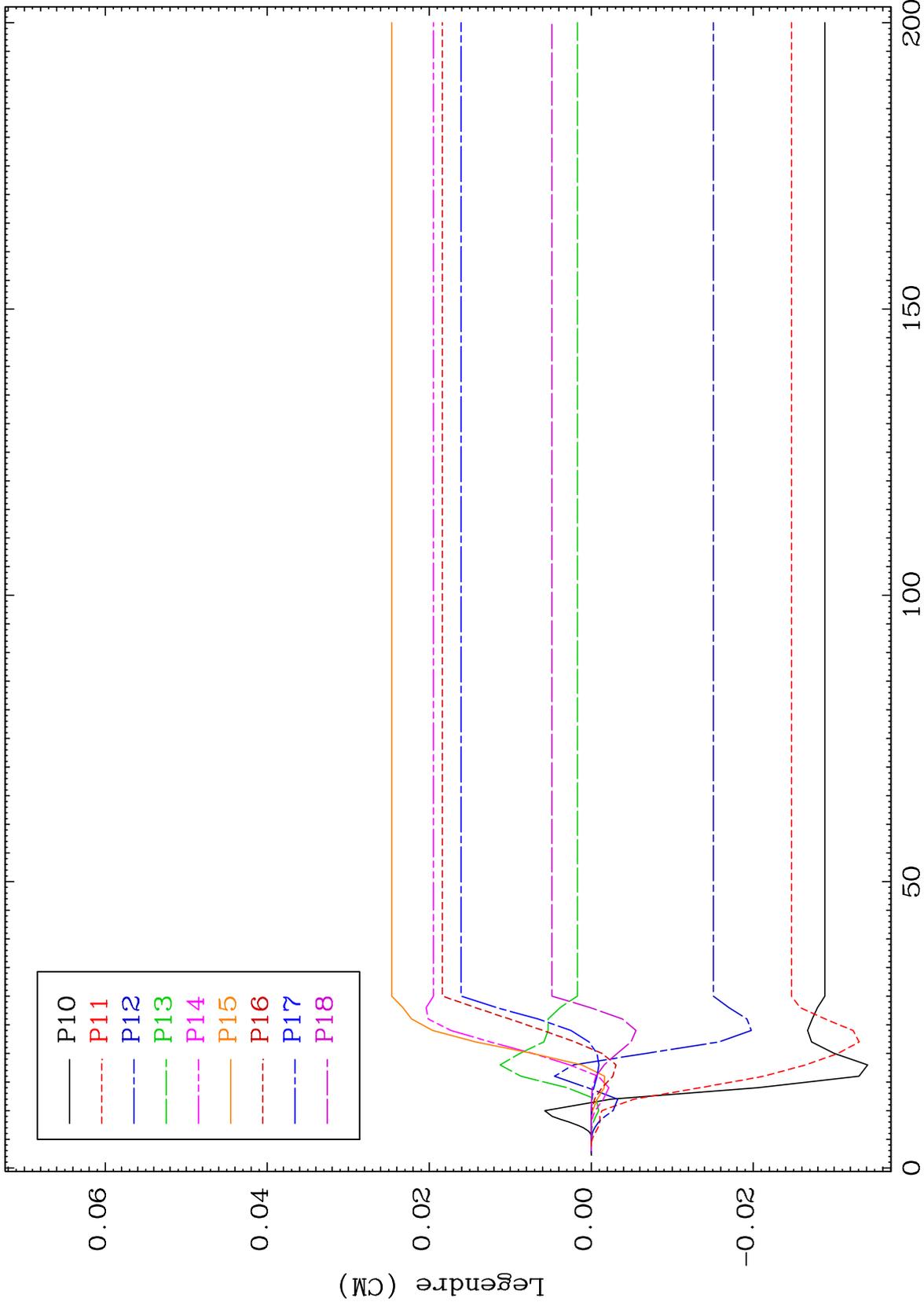
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



54

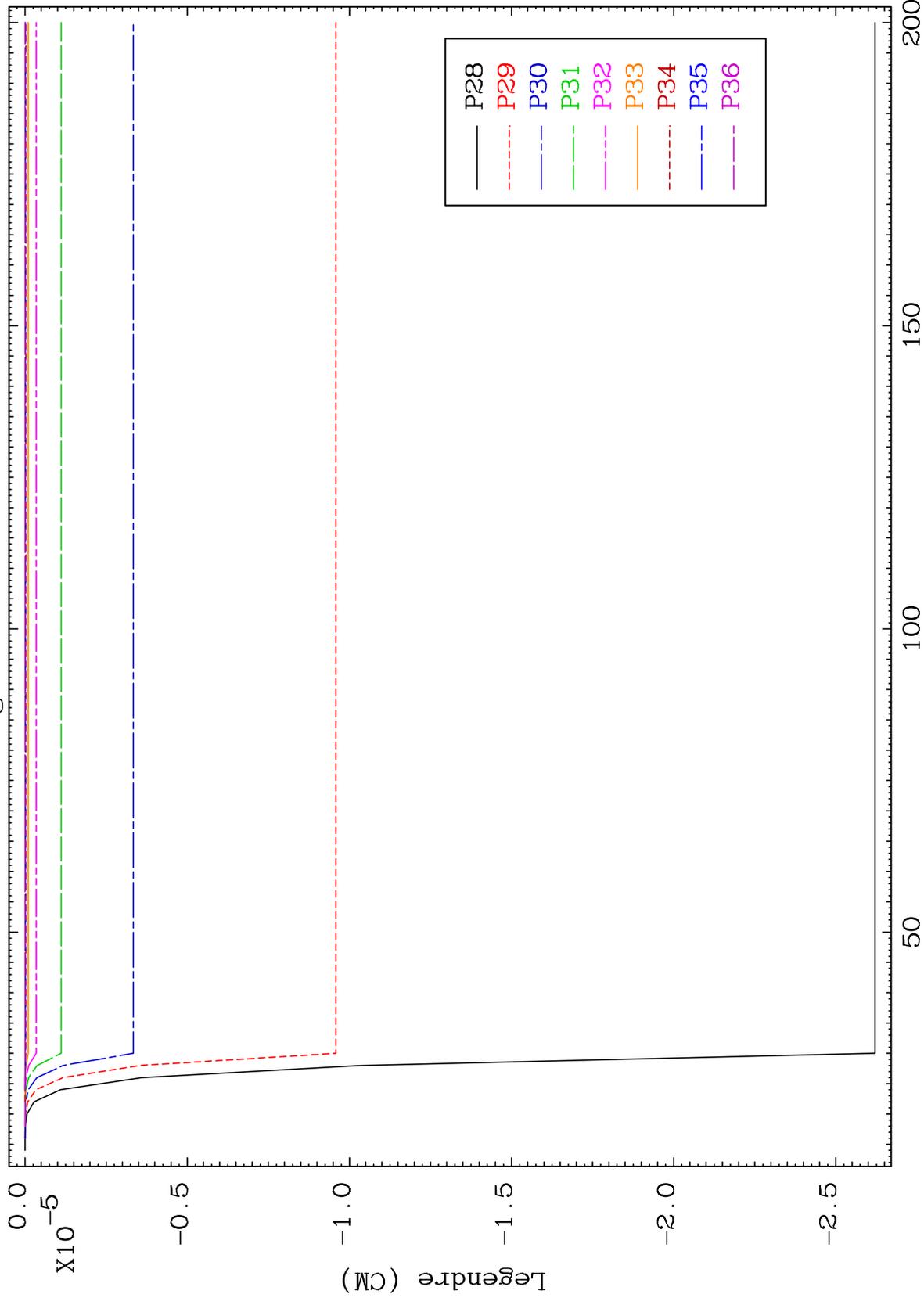
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



56

Incident Energy (MeV)

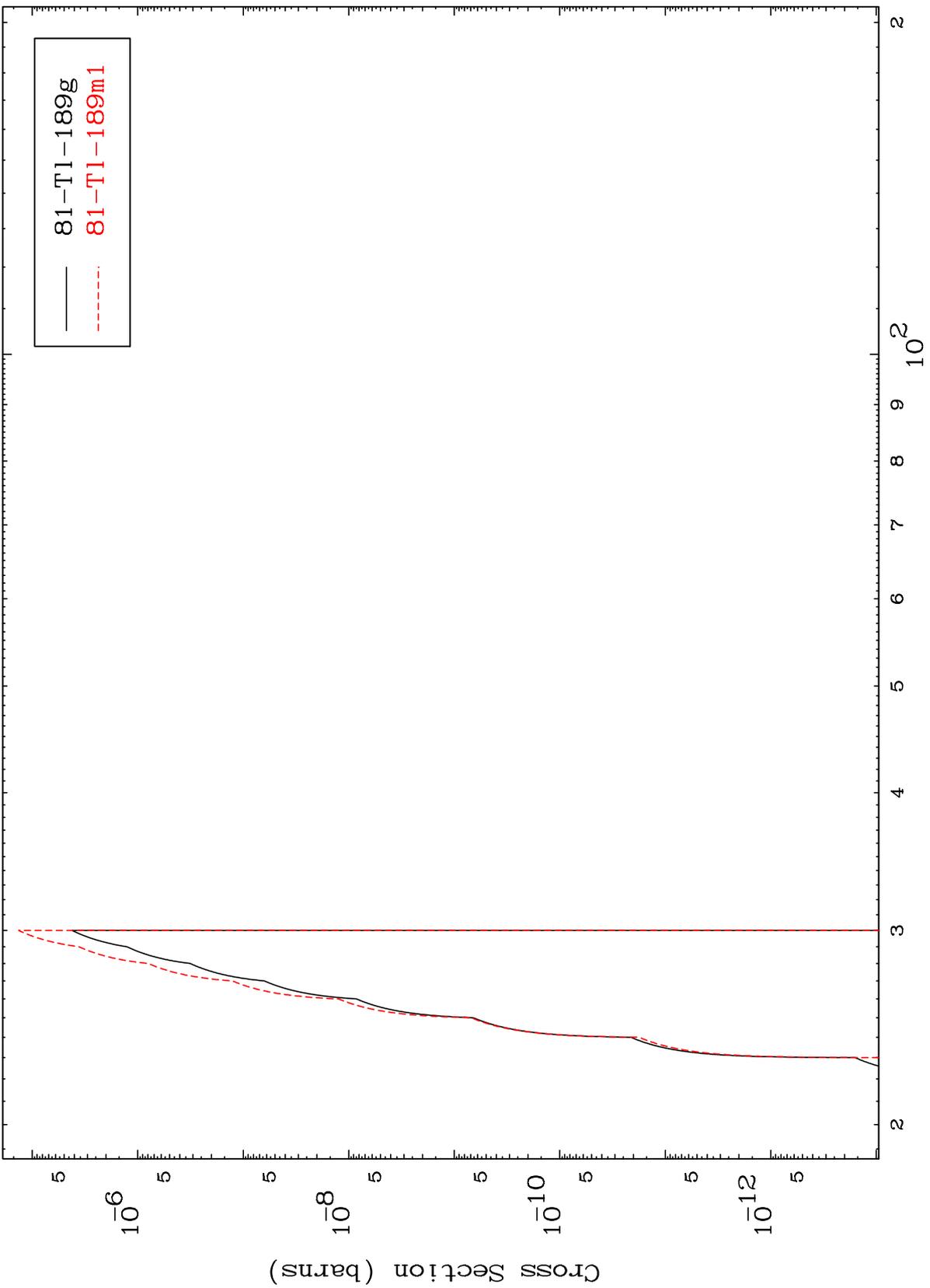
82-Pb-192

MAT 8189

(n,2n) d

82-Pb-192

Radionuclide Production Cross Section



57

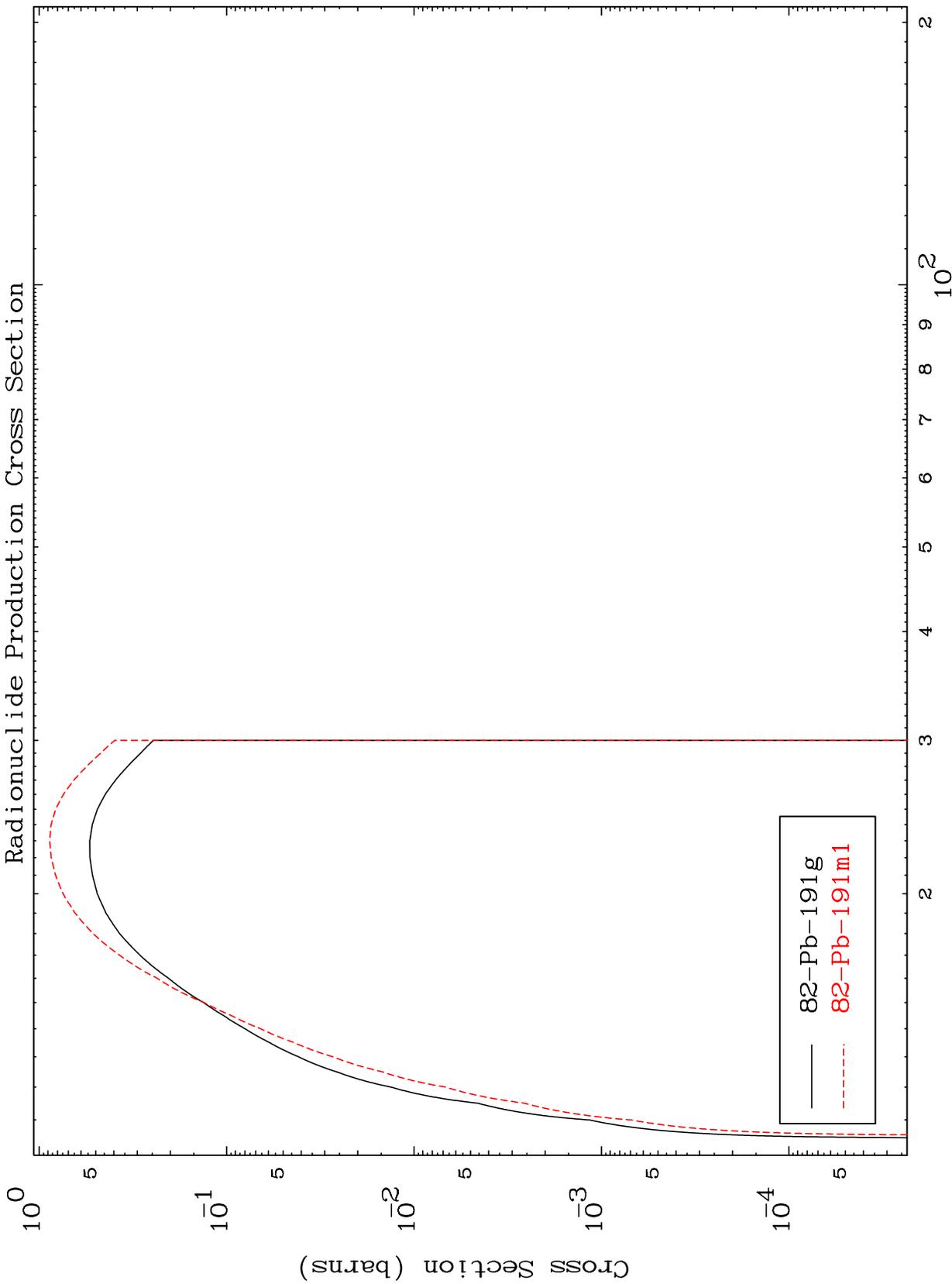
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(n,2n)
Radionuclide Production Cross Section



58

Incident Energy (MeV)

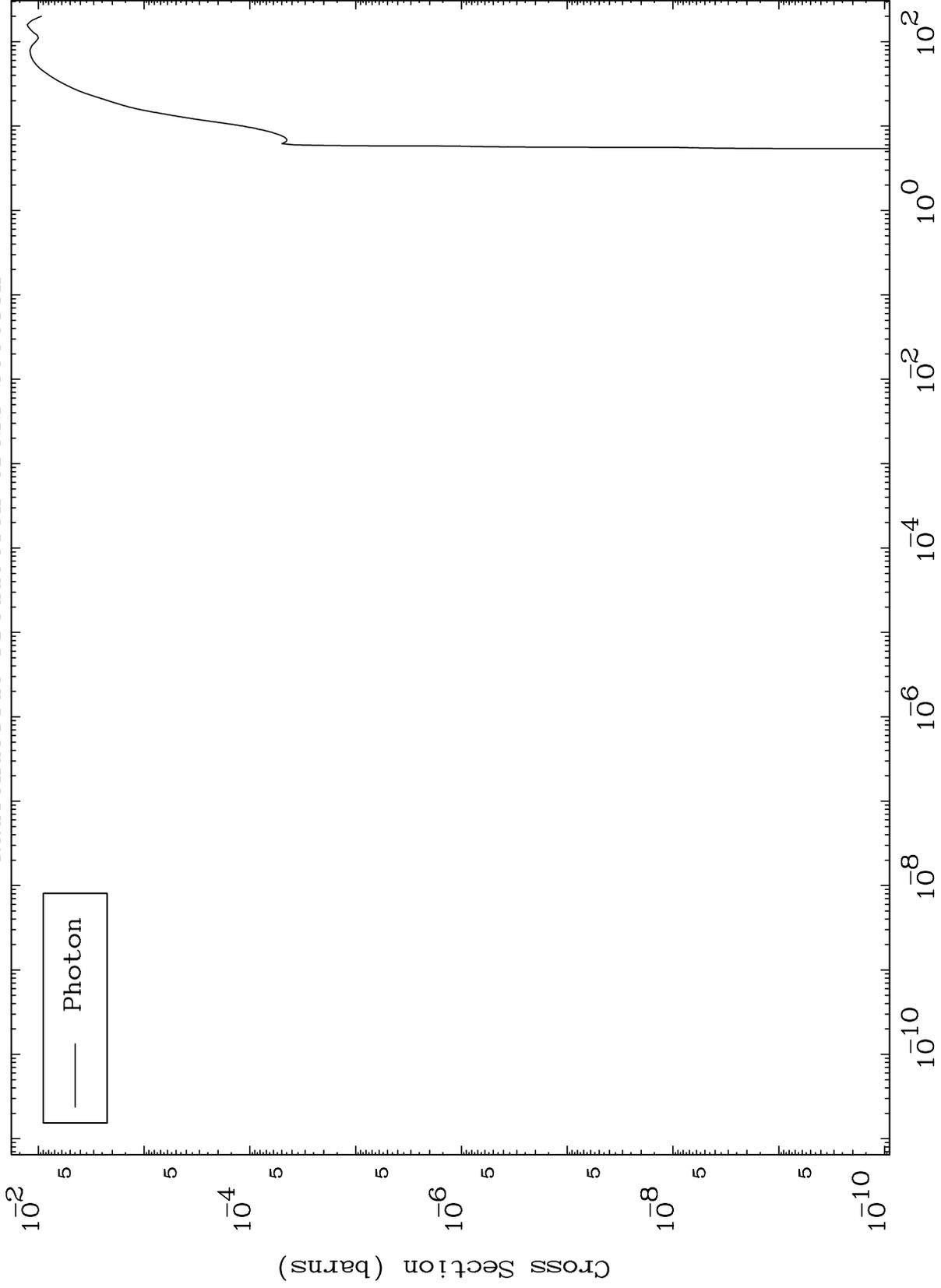
82-Pb-192

MAT 8189

Fission

82-Pb-192

Radionuclide Production Cross Section



59

Incident Energy (MeV)

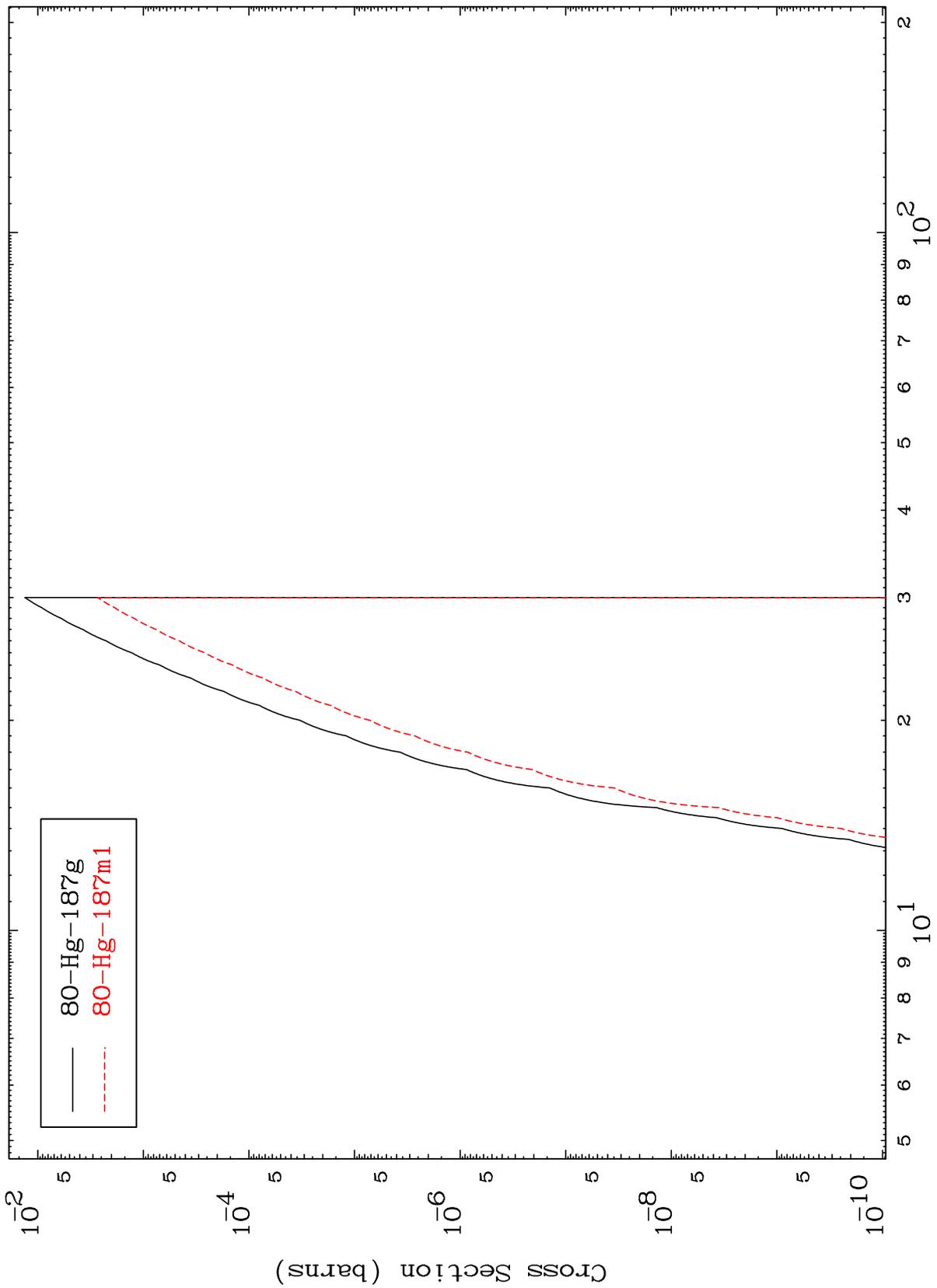
82-Pb-192

MAT 8189

(n,2n) α

82-Pb-192

Radionuclide Production Cross Section



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

60

Incident Energy (MeV)

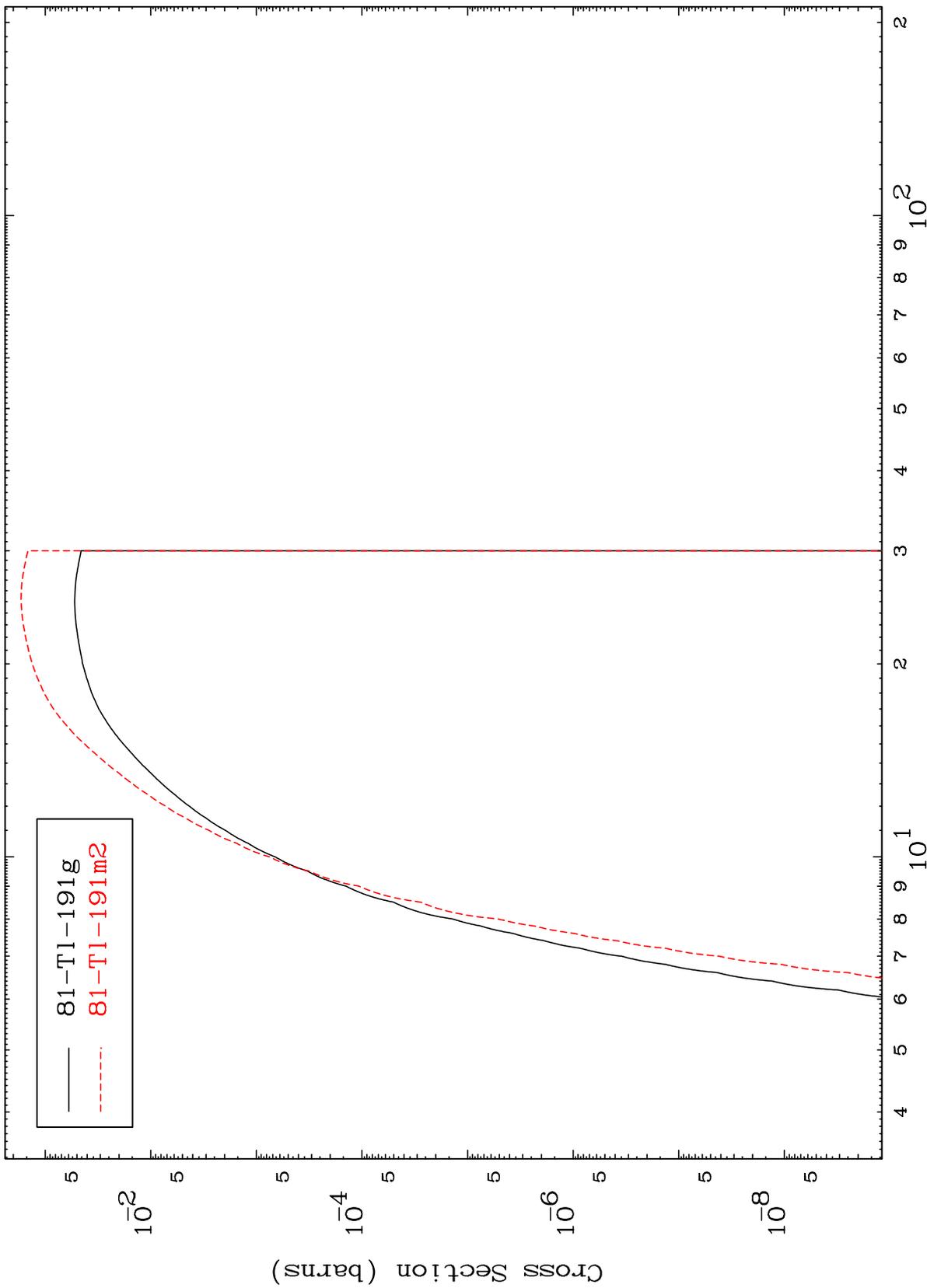
82-Pb-192

MAT 8189

(n,n') p

82-Pb-192

Radionuclide Production Cross Section



61

Incident Energy (MeV)

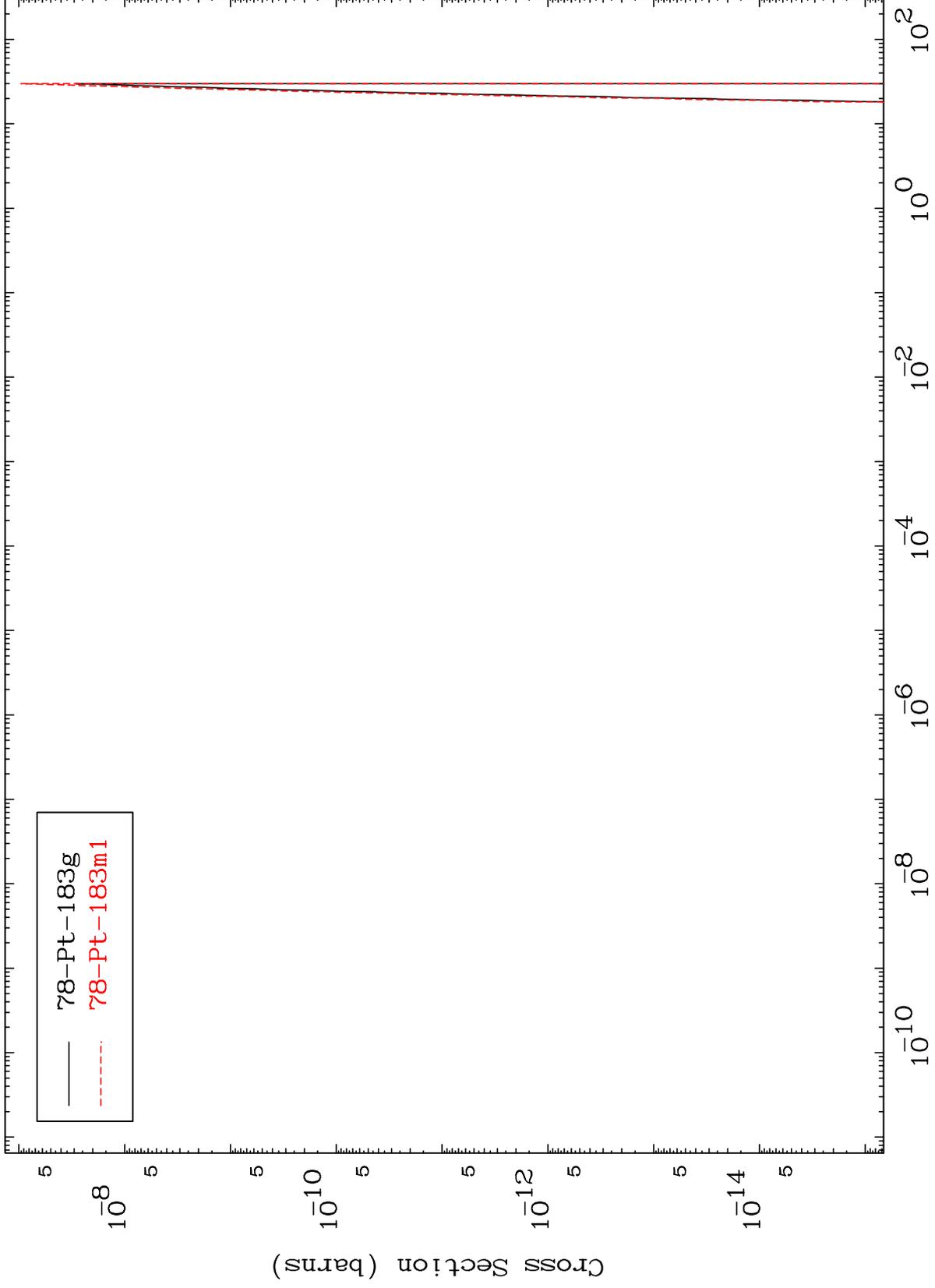
82-Pb-192

MAT 8189

(n,2n) 2α

82-Pb-192

Radionuclide Production Cross Section



78-Pt-183g
78-Pt-183m1

62

Incident Energy (MeV)

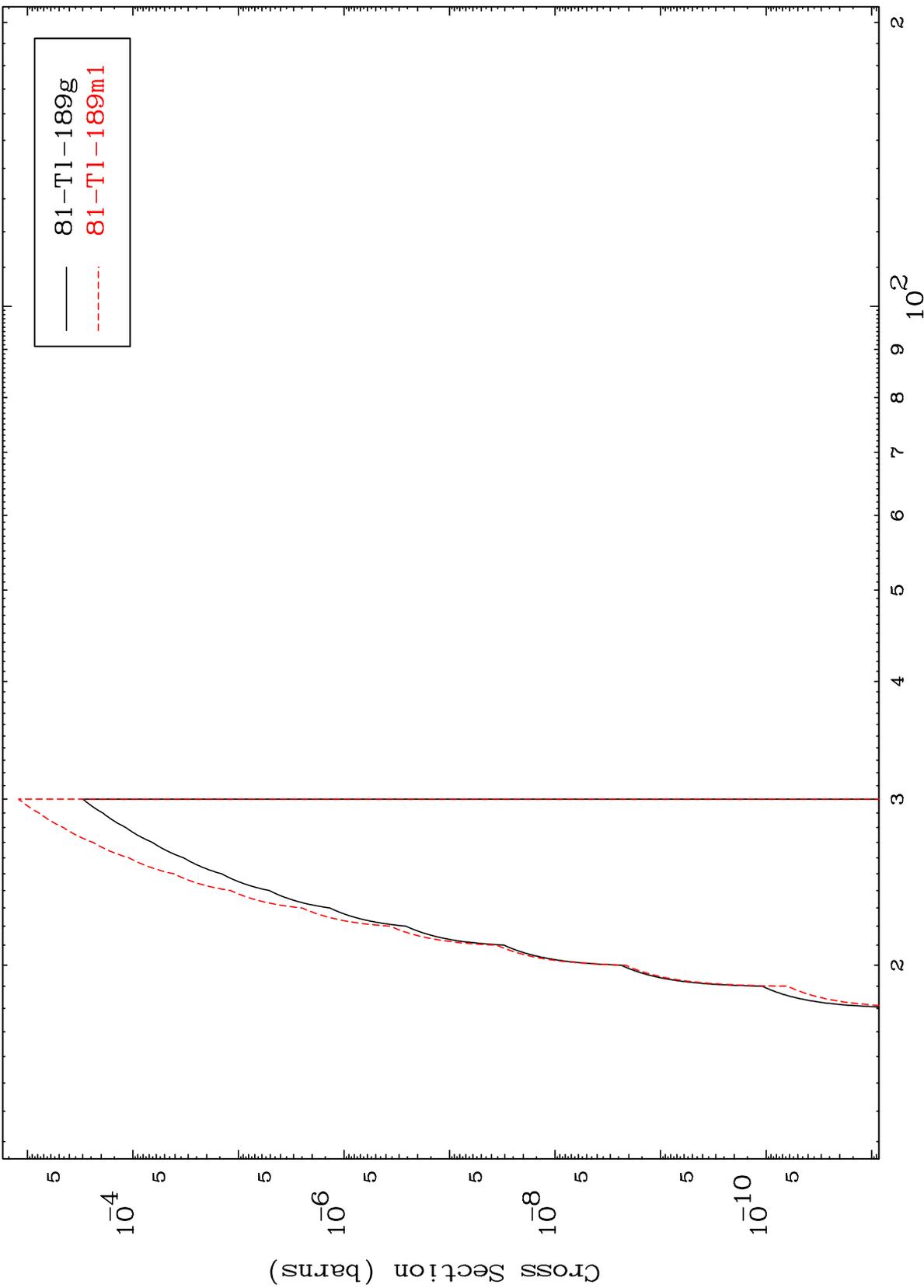
82-Pb-192

MAT 8189

(n,n') t

82-Pb-192

Radionuclide Production Cross Section



63

Incident Energy (MeV)

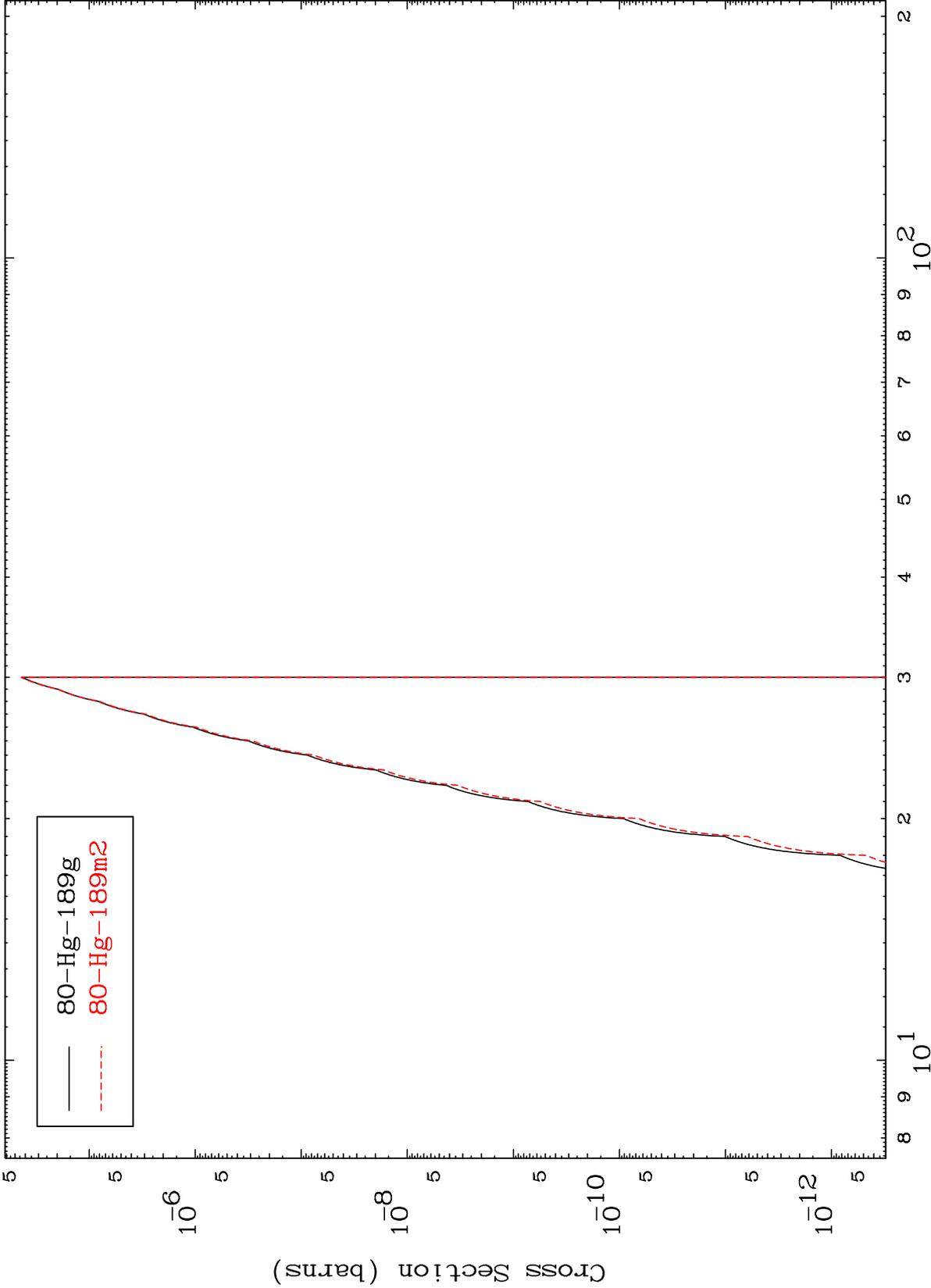
82-Pb-192

MAT 8189

(n,n') He-3

82-Pb-192

Radionuclide Production Cross Section



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

64

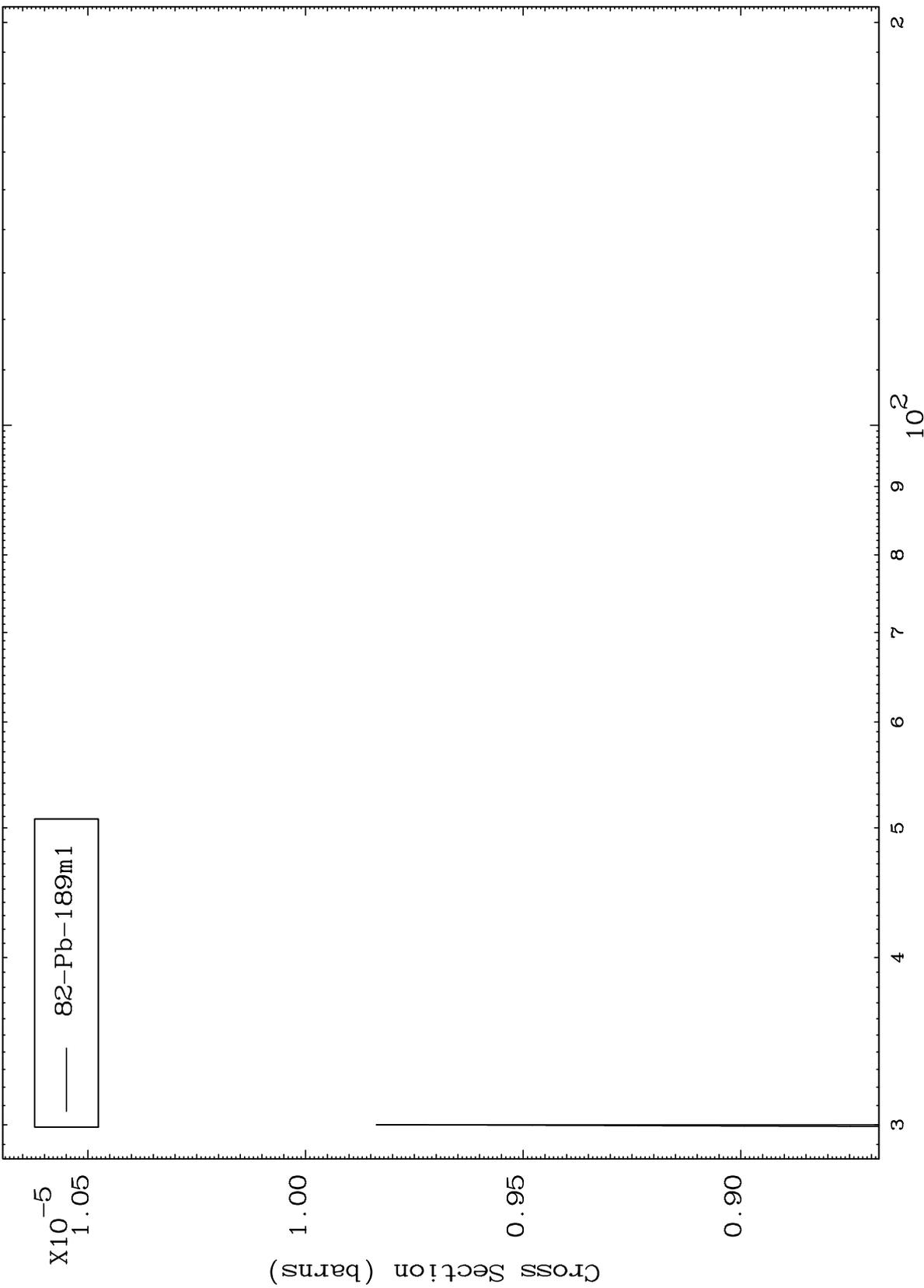
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(n,4n)
Radionuclide Production Cross Section

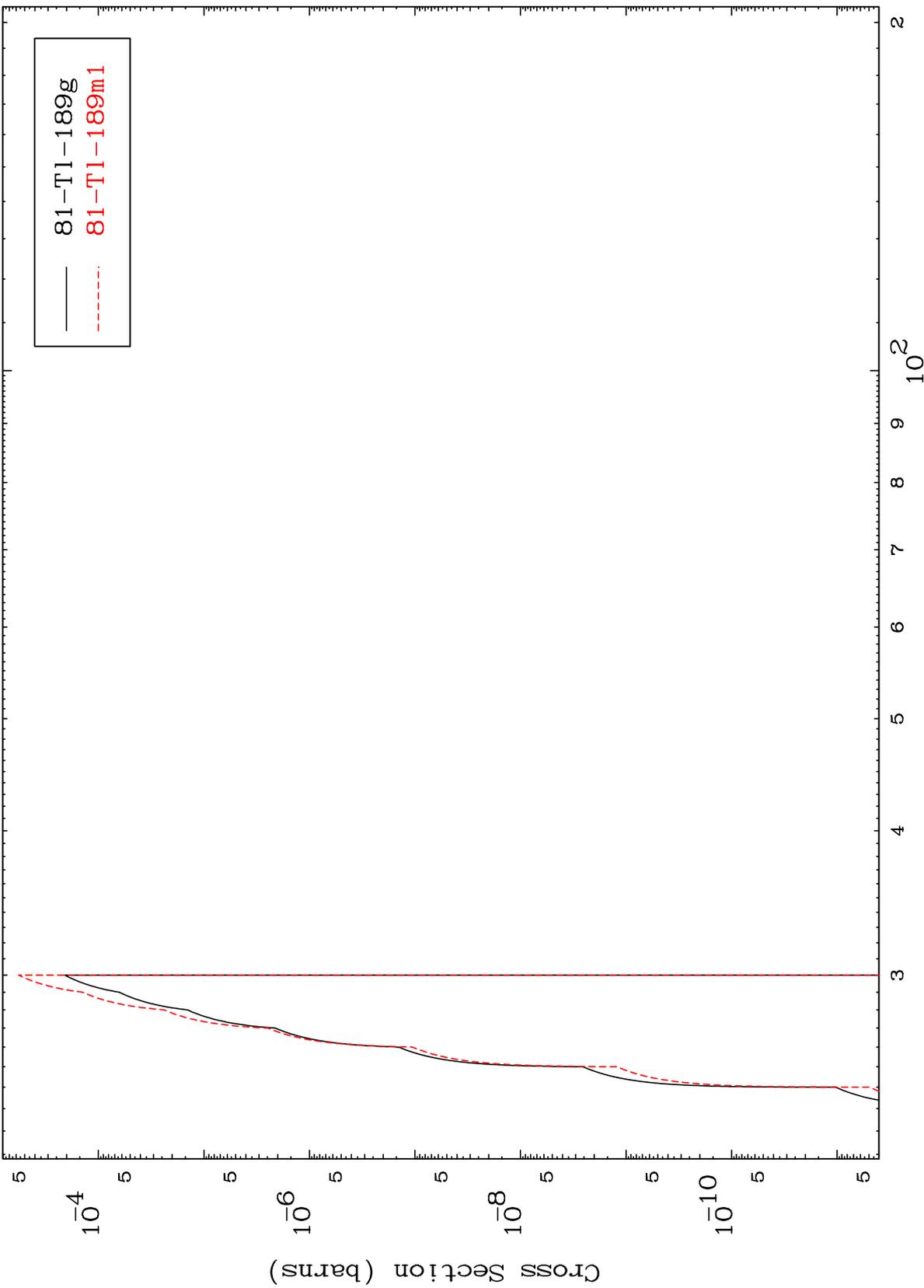


65

Incident Energy (MeV)

82-Pb-192

Radionuclide Production Cross Section

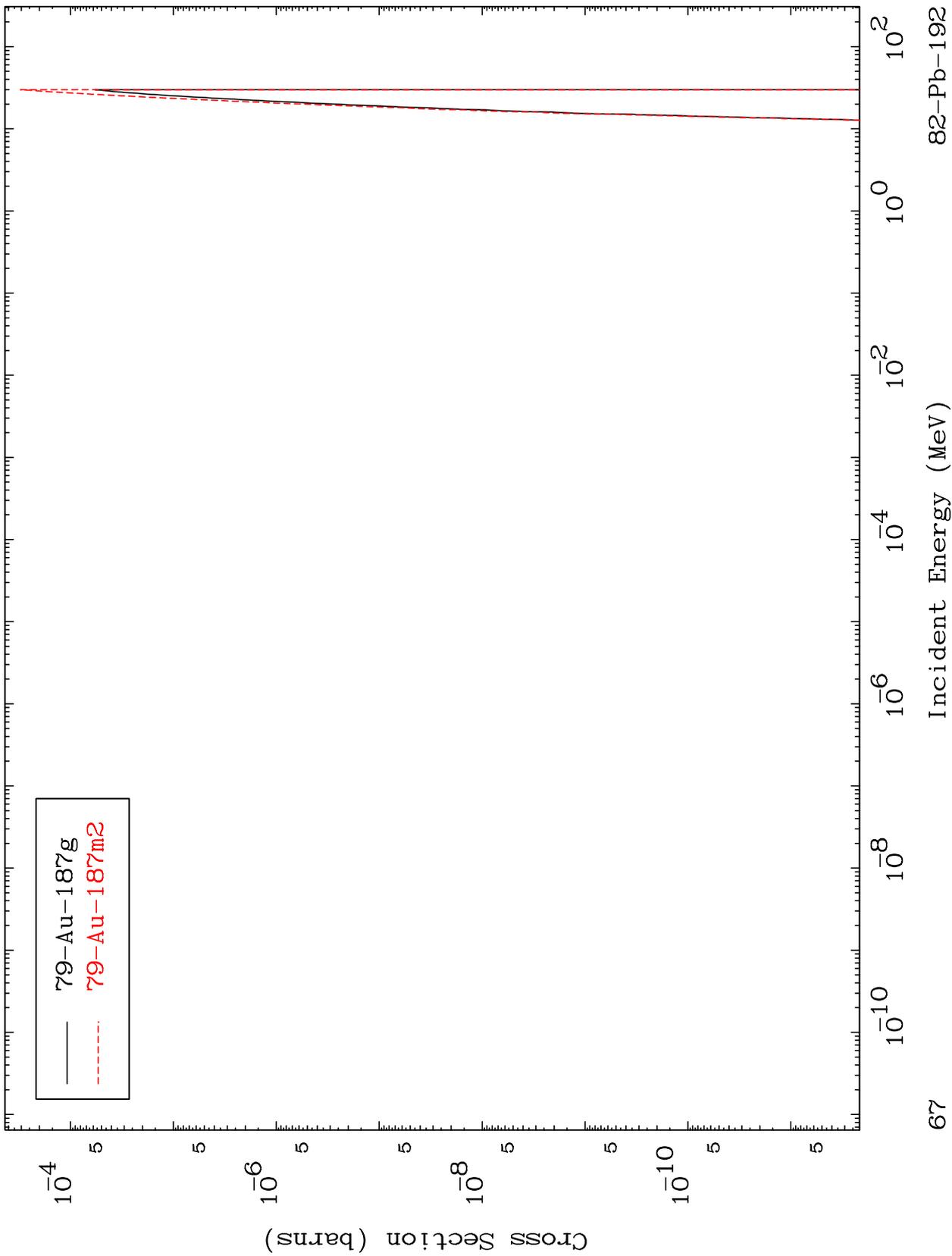


MAT 8189

(n,n') p α

82-Pb-192

Radionuclide Production Cross Section

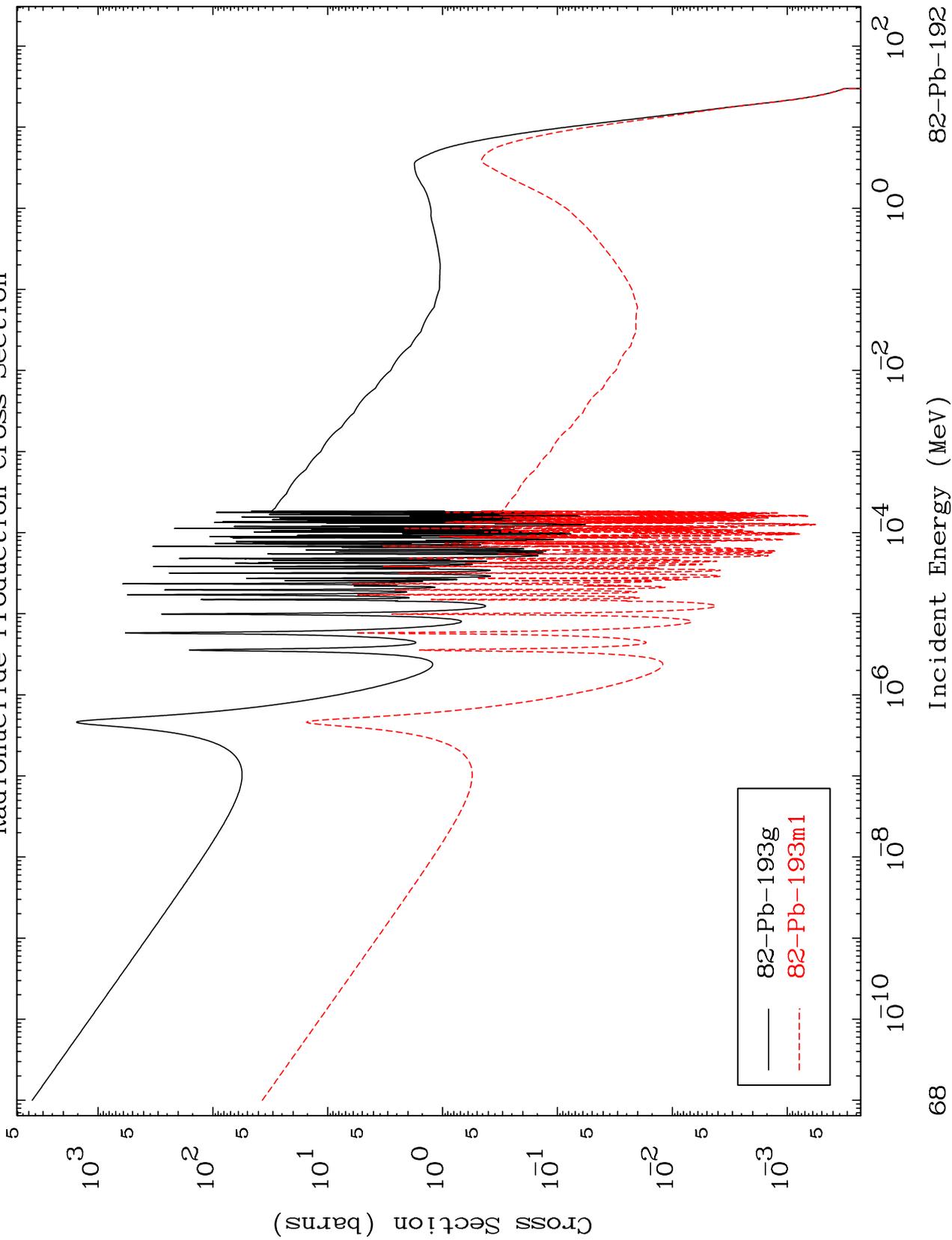


— 79-Au-187g
- - - 79-Au-187m2

MAT 8189

82-Pb-192

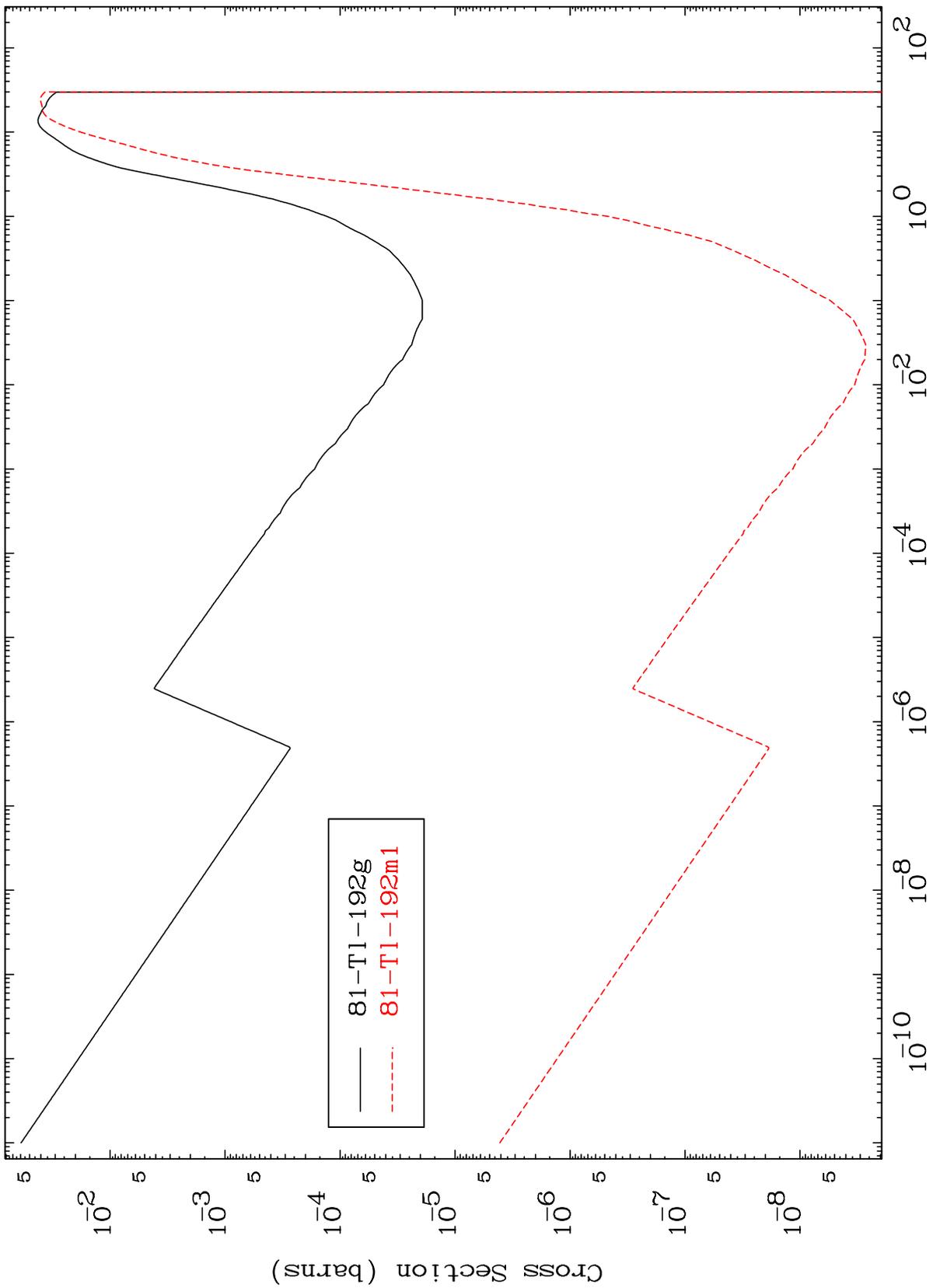
(n, γ)
Radionuclide Production Cross Section



MAT 8189

82-Pb-192

(n,p)
Radionuclide Production Cross Section



69

82-Pb-192

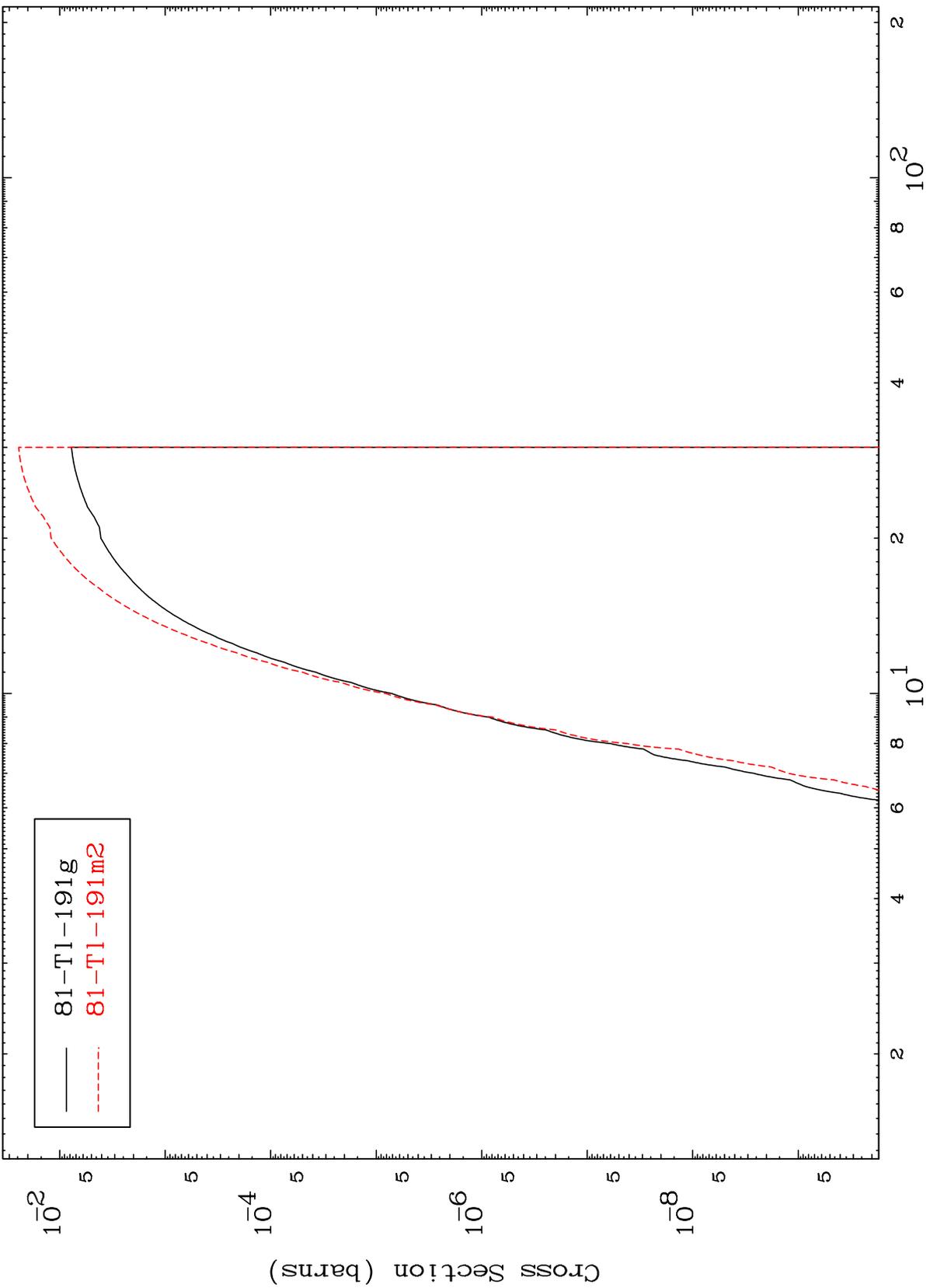
Incident Energy (MeV)

MAT 8189

(n,d)

82-Pb-192

Radionuclide Production Cross Section



70

Incident Energy (MeV)

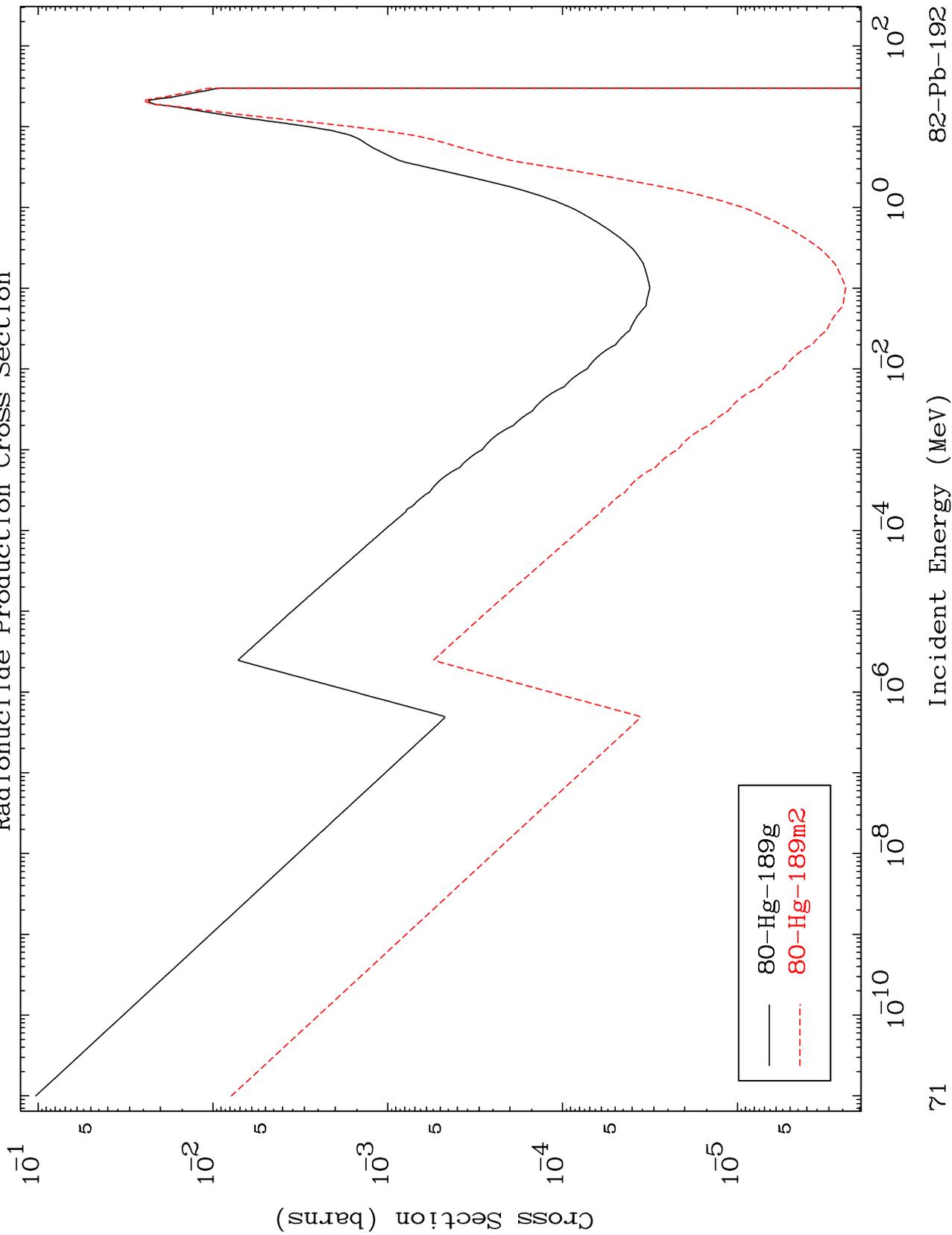
82-Pb-192

MAT 8189

(n, α)

82-Pb-192

Radionuclide Production Cross Section

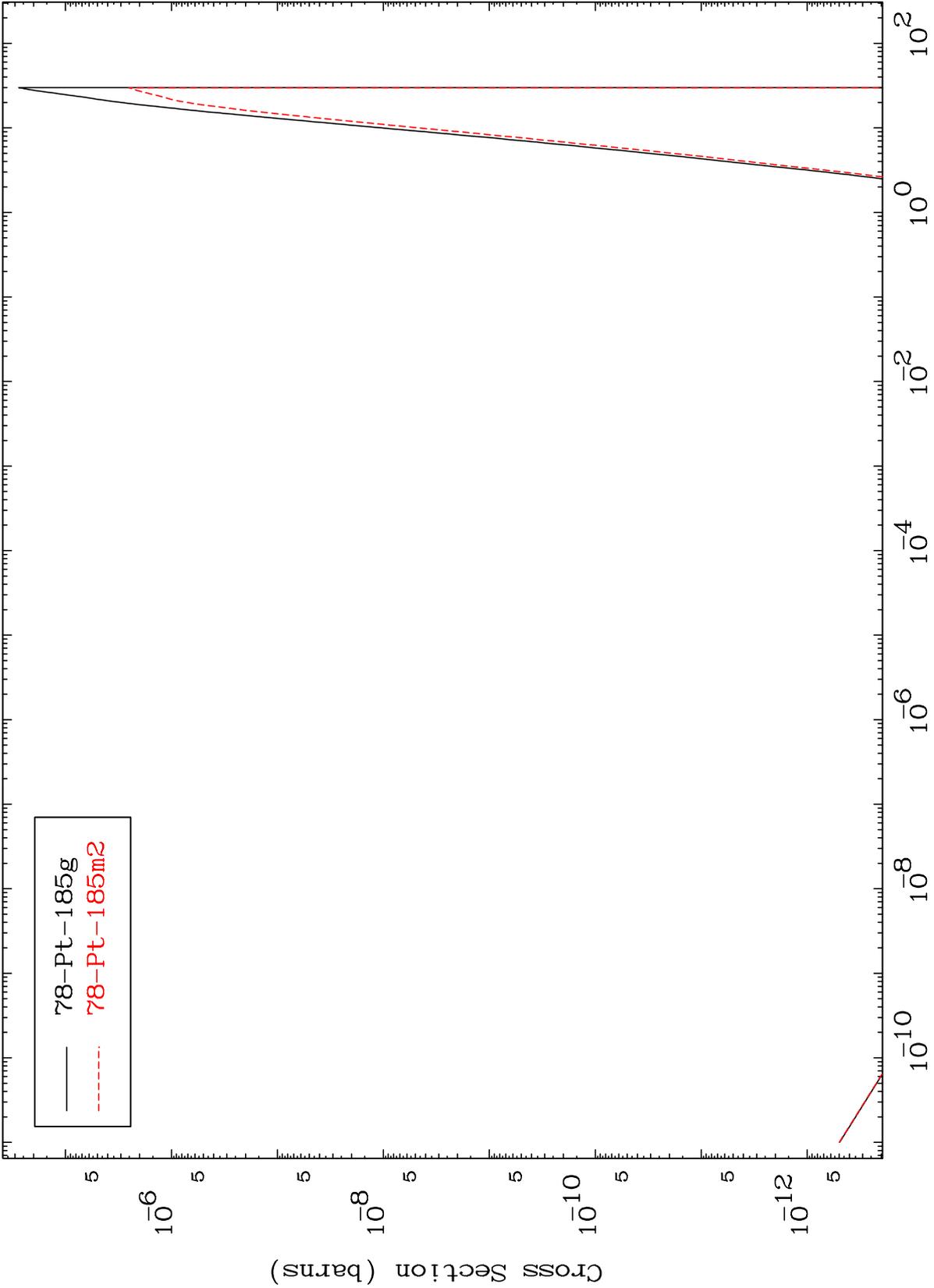


MAT 8189

(n,2α)

82-Pb-192

Radionuclide Production Cross Section



72

Incident Energy (MeV)

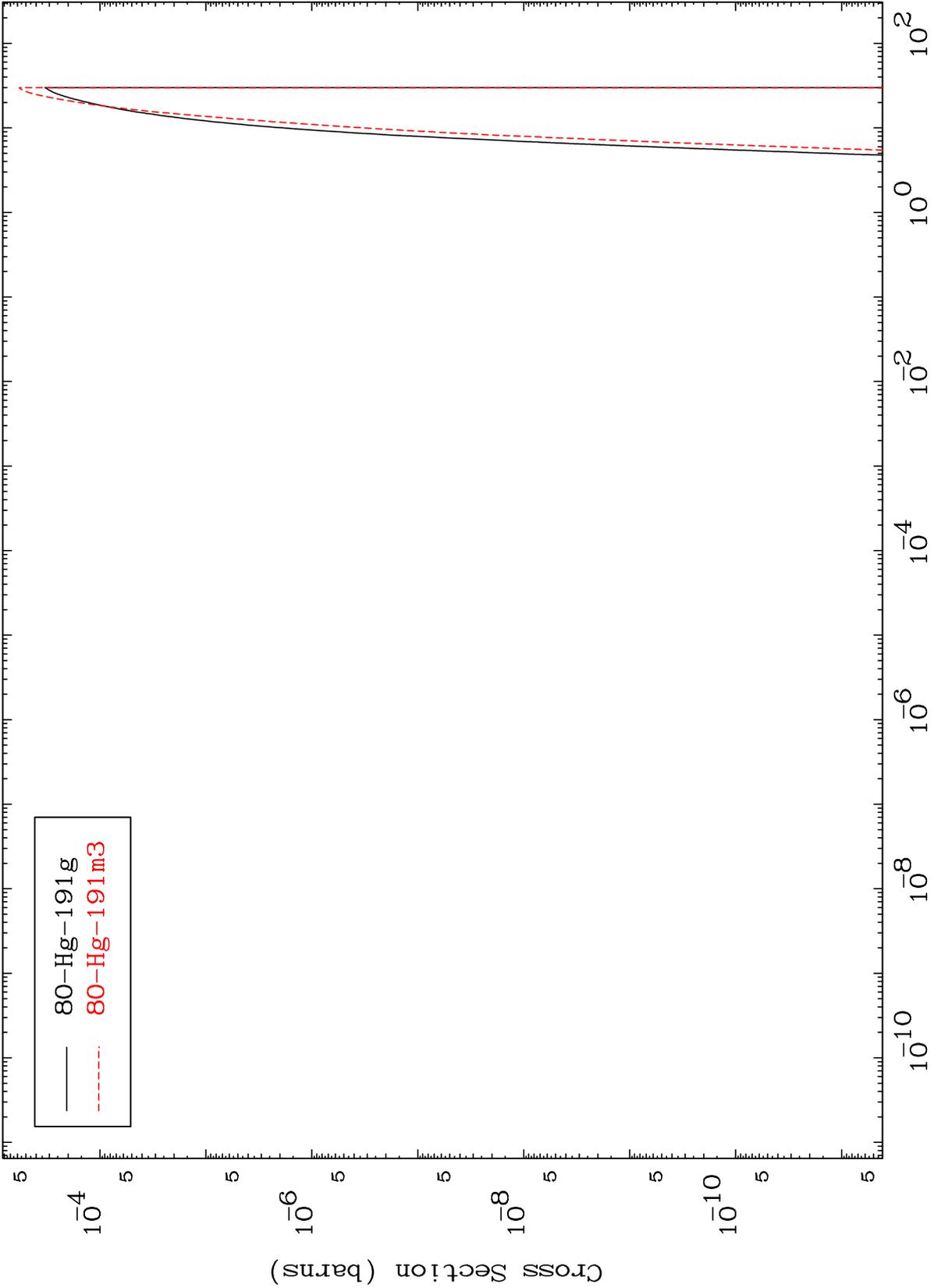
82-Pb-192

MAT 8189

(n,2p)

82-Pb-192

Radionuclide Production Cross Section

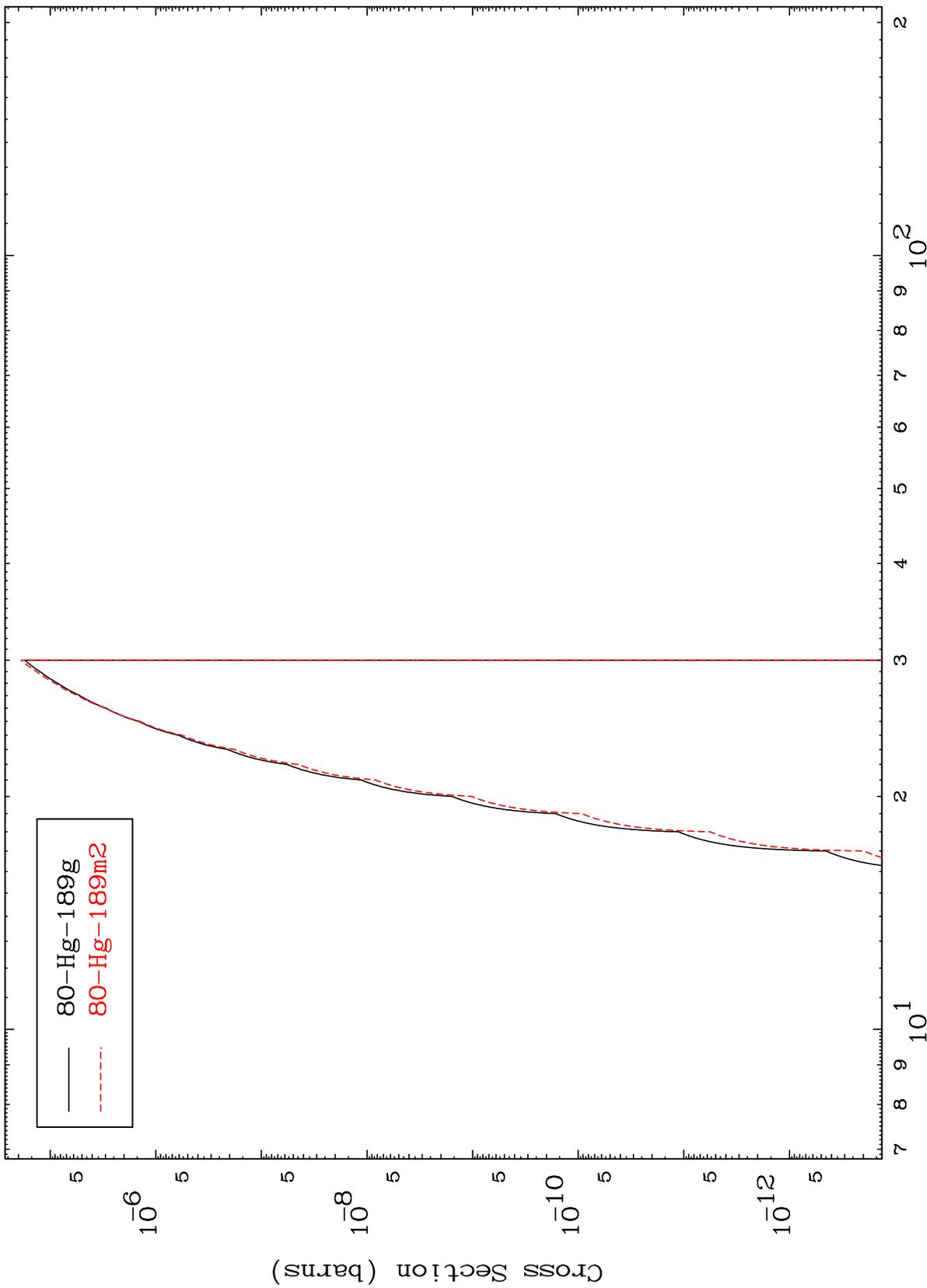


MAT 8189

(n,p) t

82-Pb-192

Radionuclide Production Cross Section



74

Incident Energy (MeV)

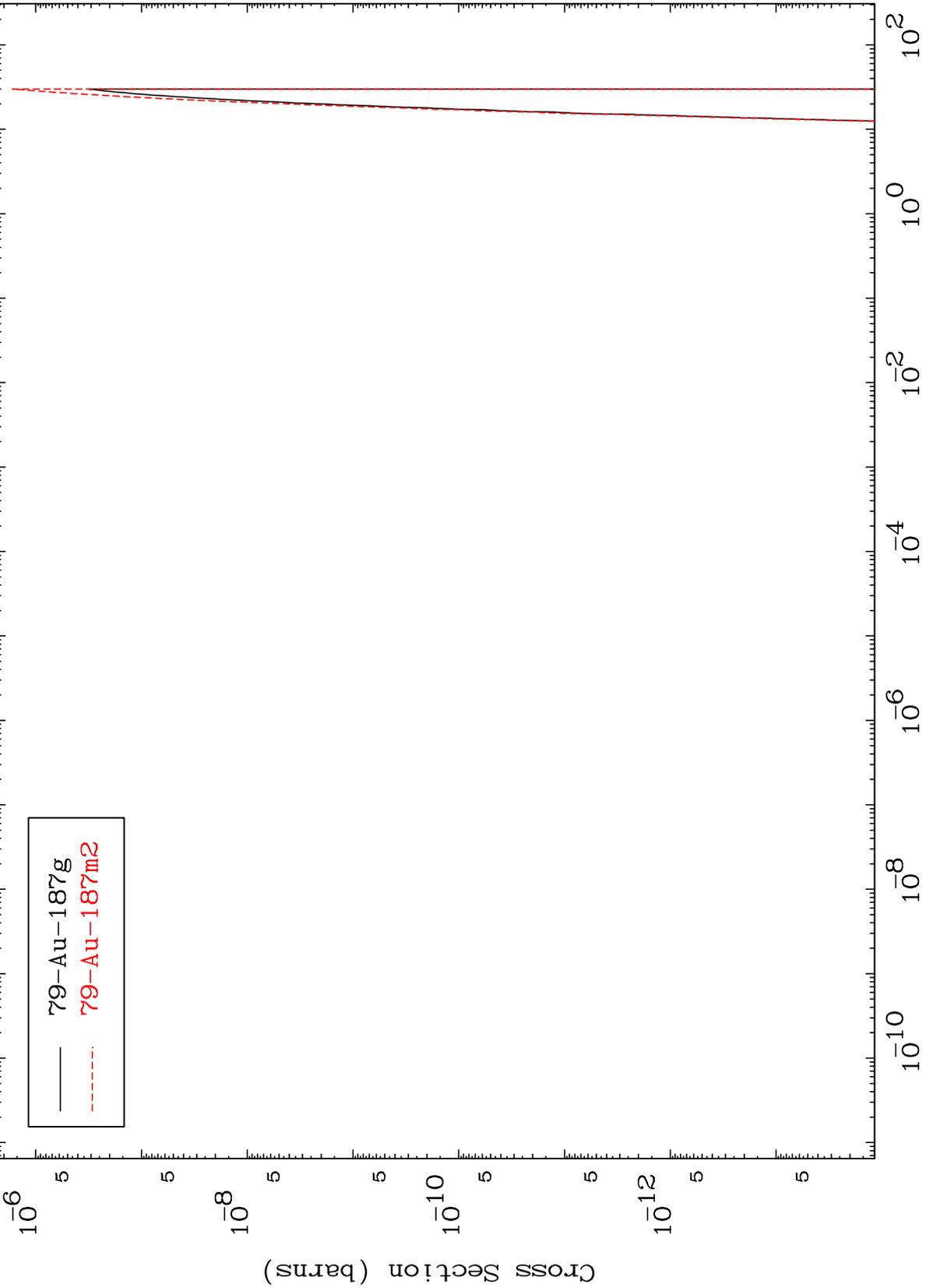
82-Pb-192

MAT 8189

(n,d) α

82-Pb-192

Radionuclide Production Cross Section



75

Incident Energy (MeV)

82-Pb-192