

Program EVALPLOT
(Version 2021-1)

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

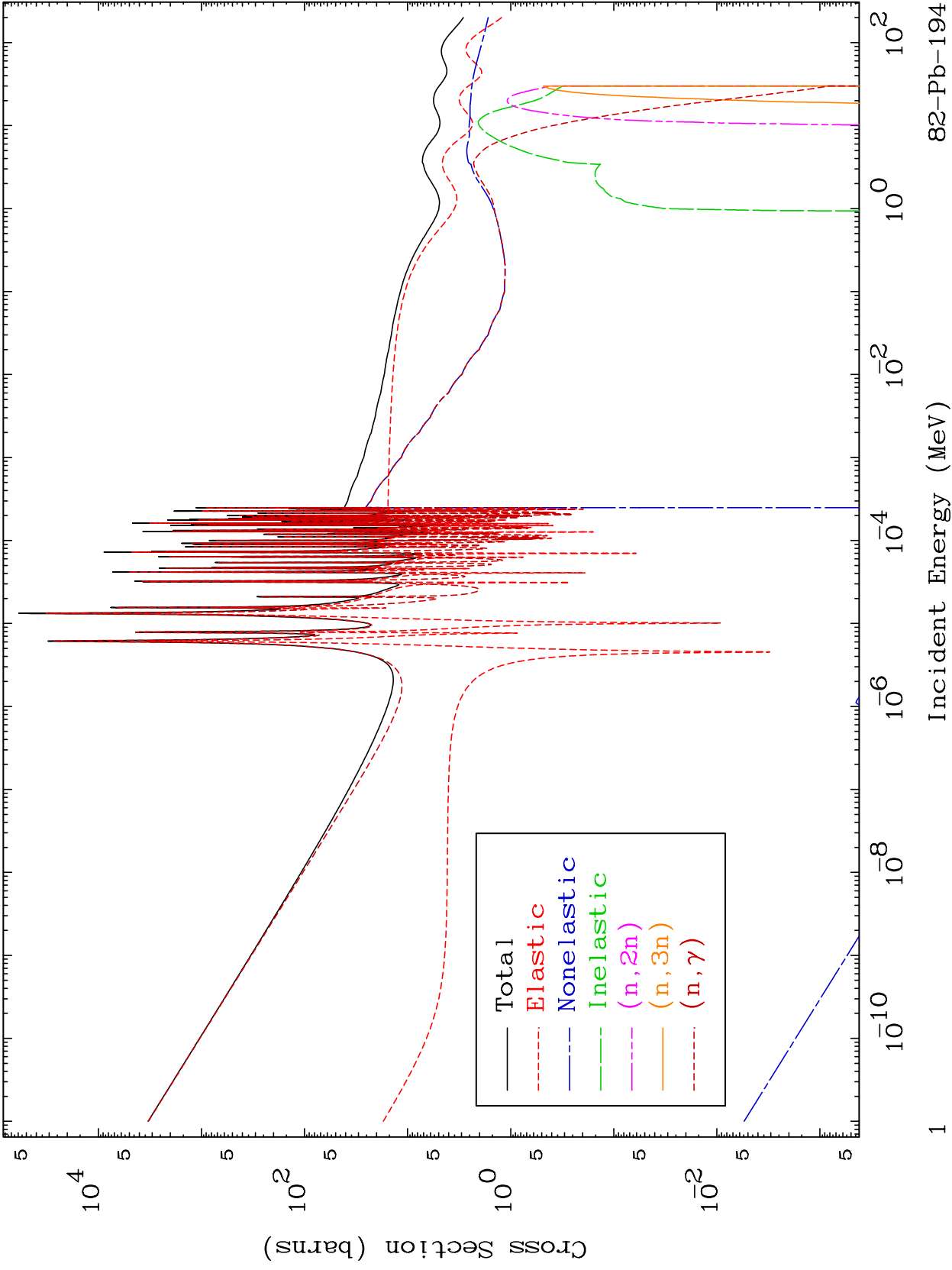
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8195

Neutron Major
293 Kelvin Cross Sections

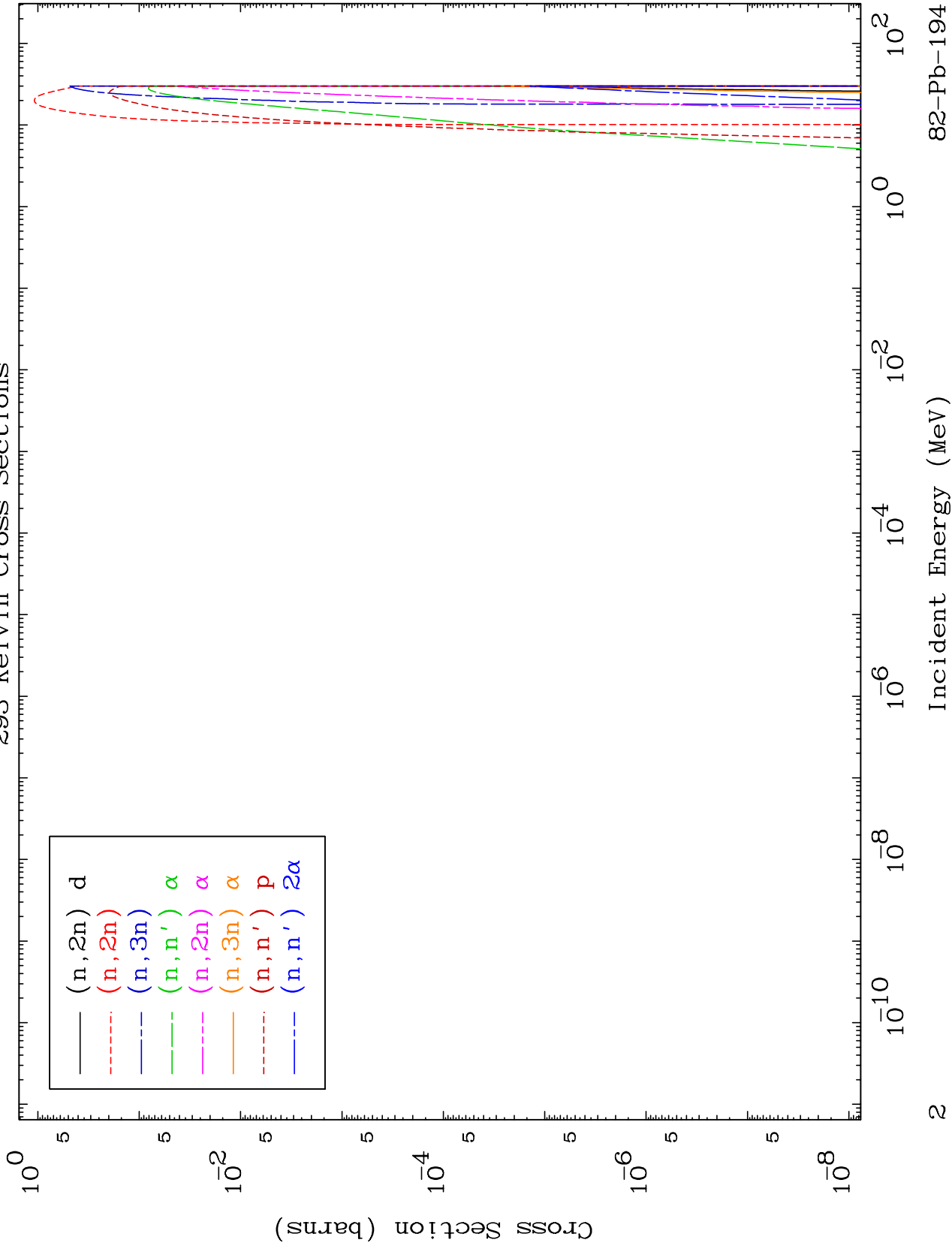
82-Pb-194



MAT 8195

Neutron Absorption
293 Kelvin Cross Sections

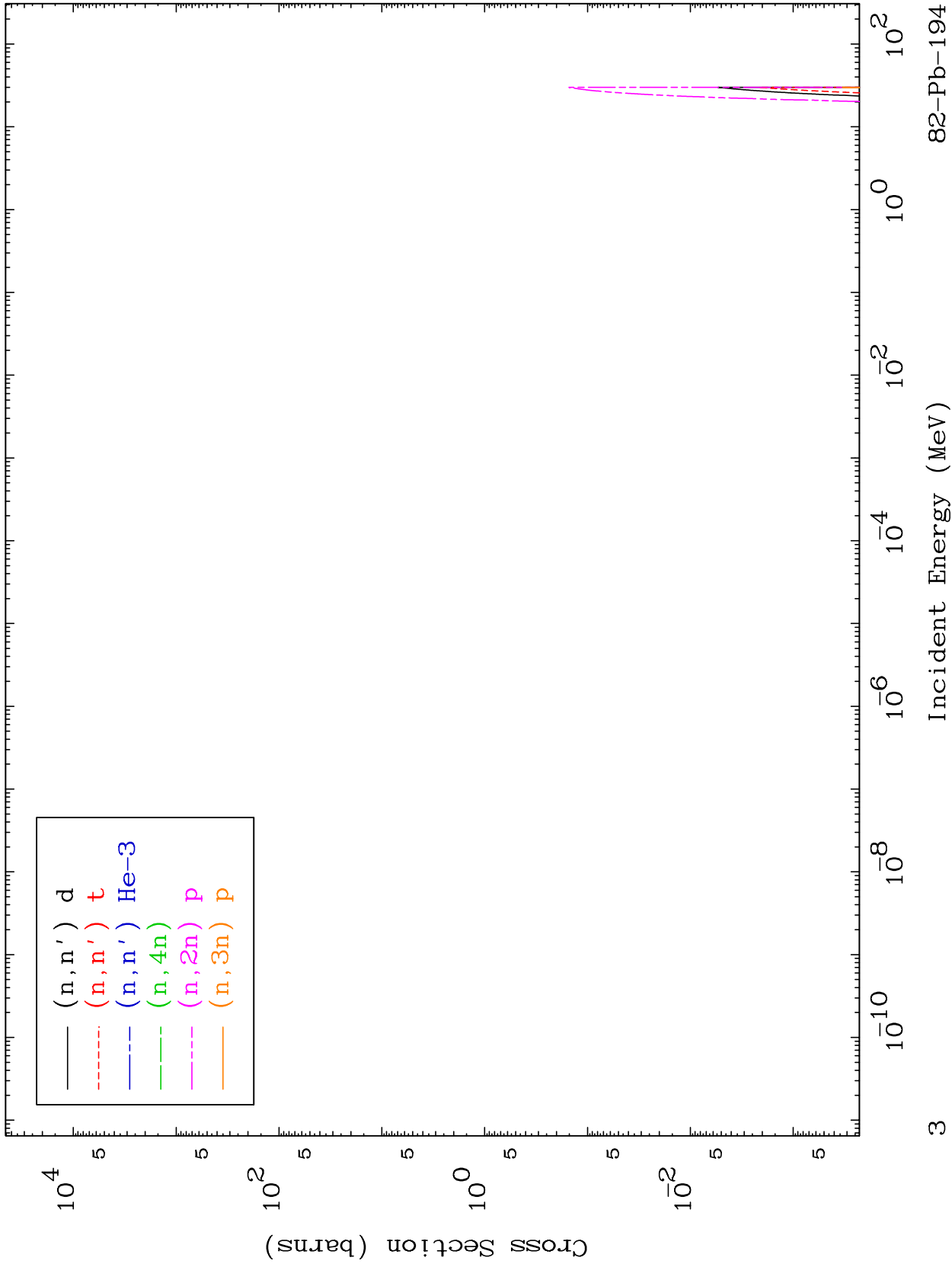
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MAT 8195

Neutron Absorption
293 Kelvin Cross Sections

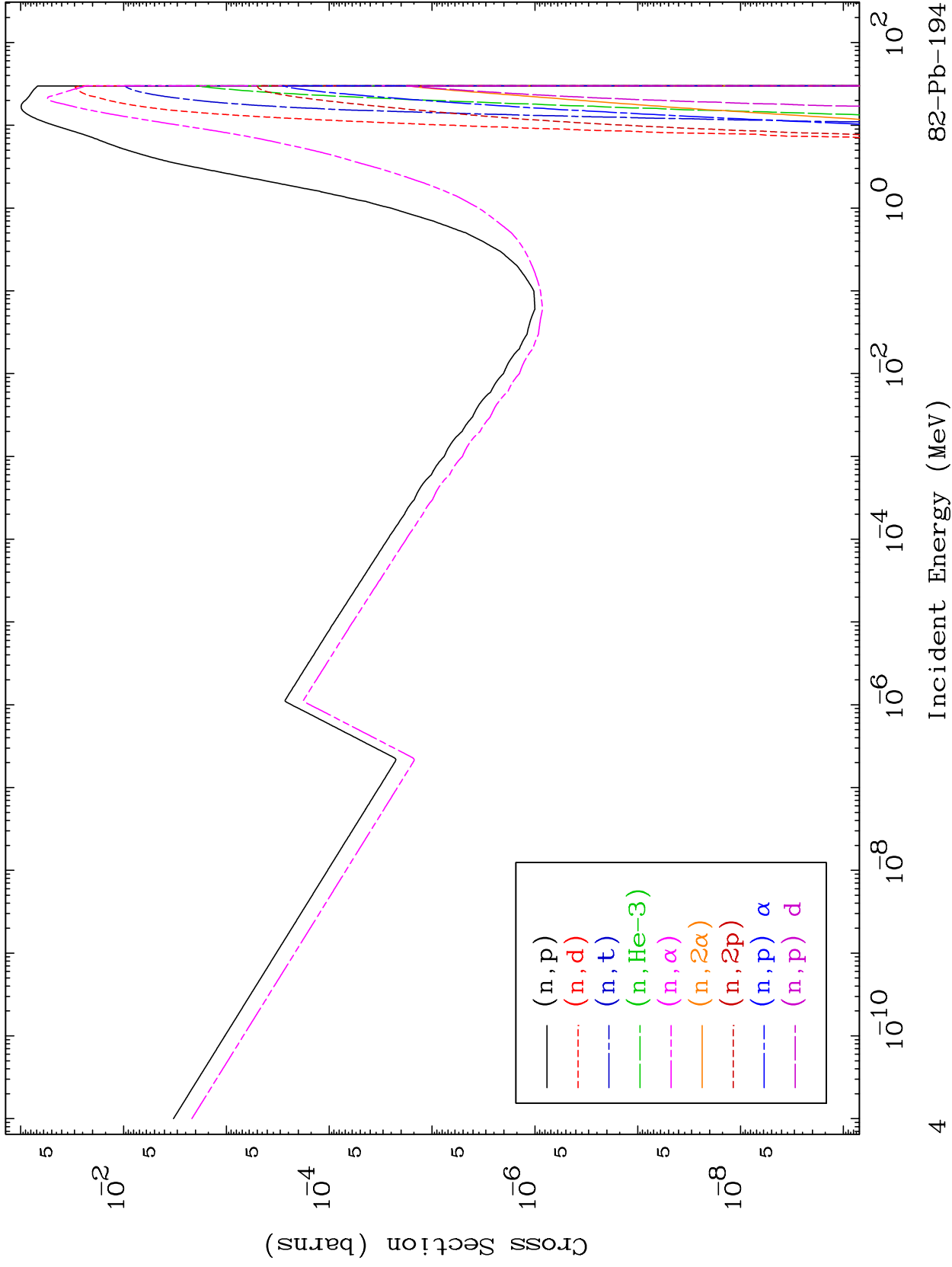
82-Pb-194



MAT 8195

Neutron Absorption
293 Kelvin Cross Sections

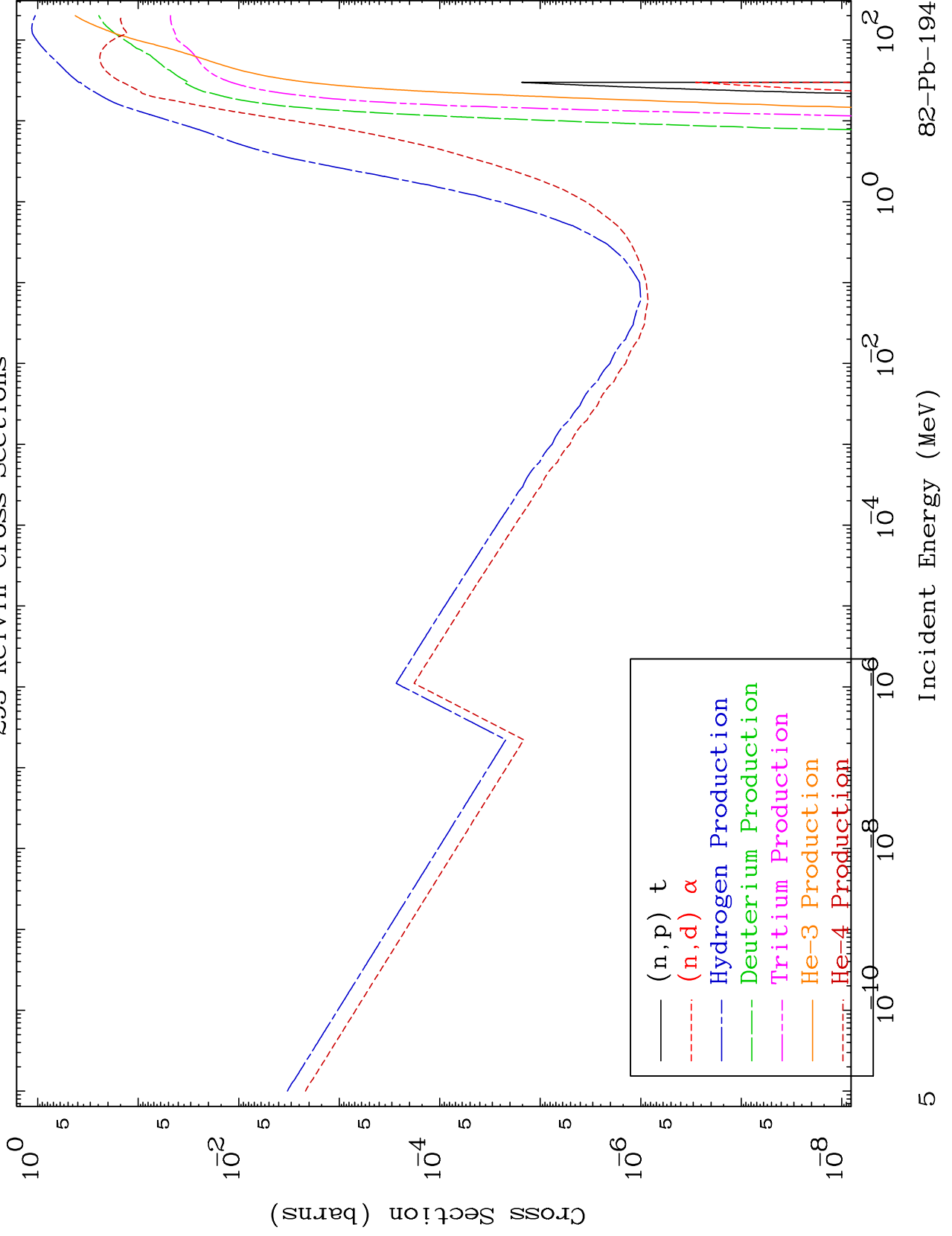
82-Pb-194



MAT 8195

Neutron Absorption
293 Kelvin Cross Sections

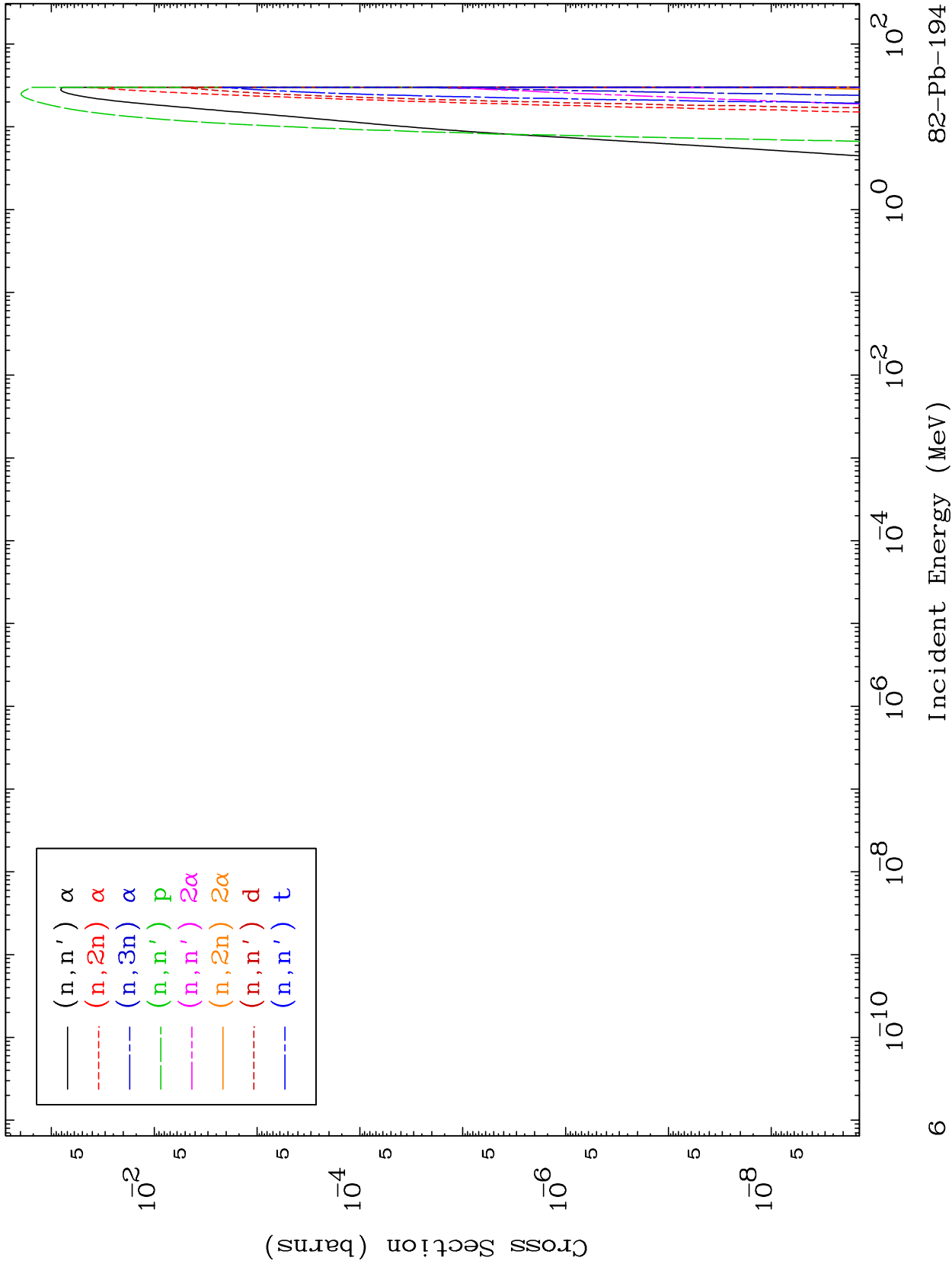
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MAT 8195

Charged Particle
293 Kelvin Cross Sections

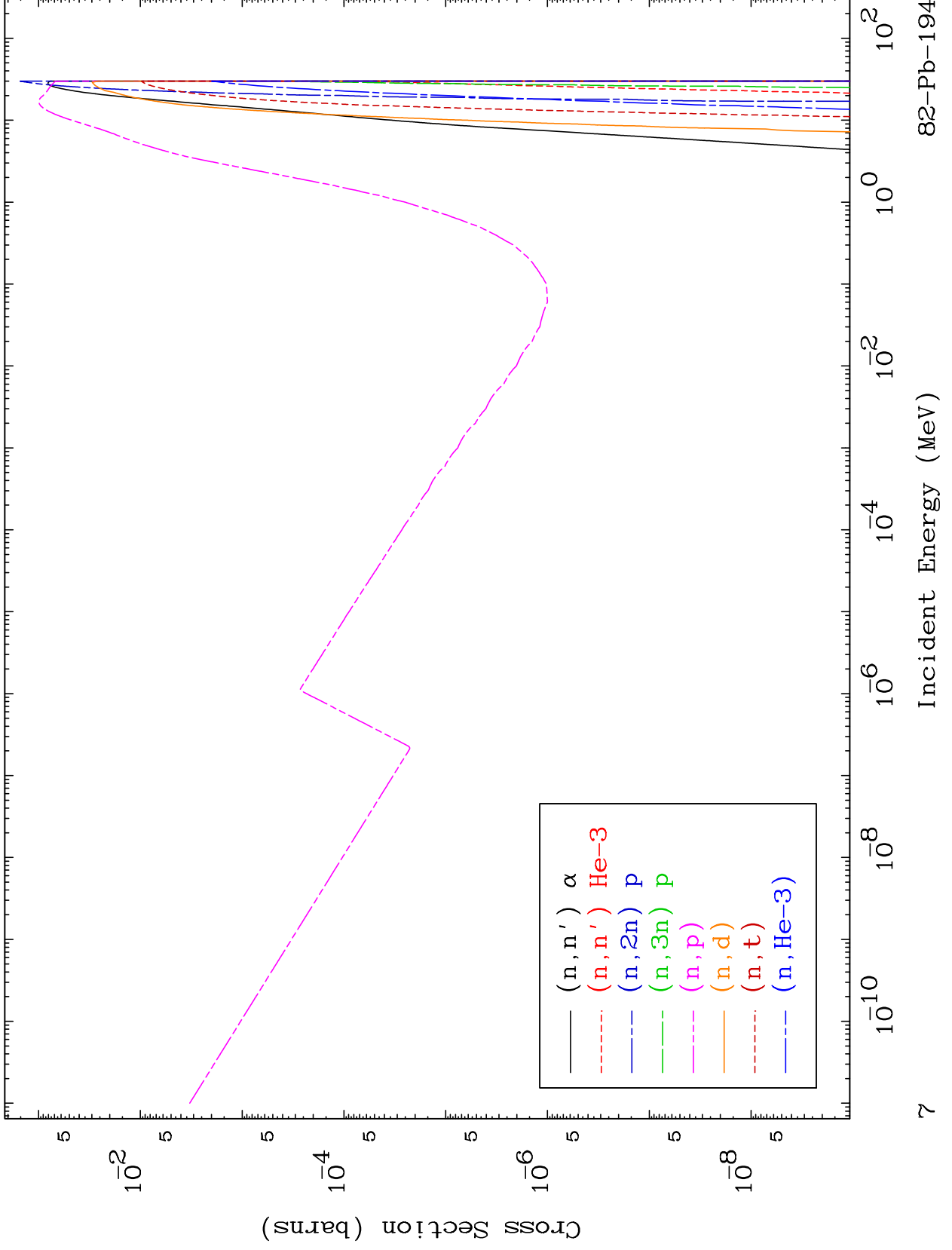
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MAT 8195

Charged Particle
293 Kelvin Cross Sections

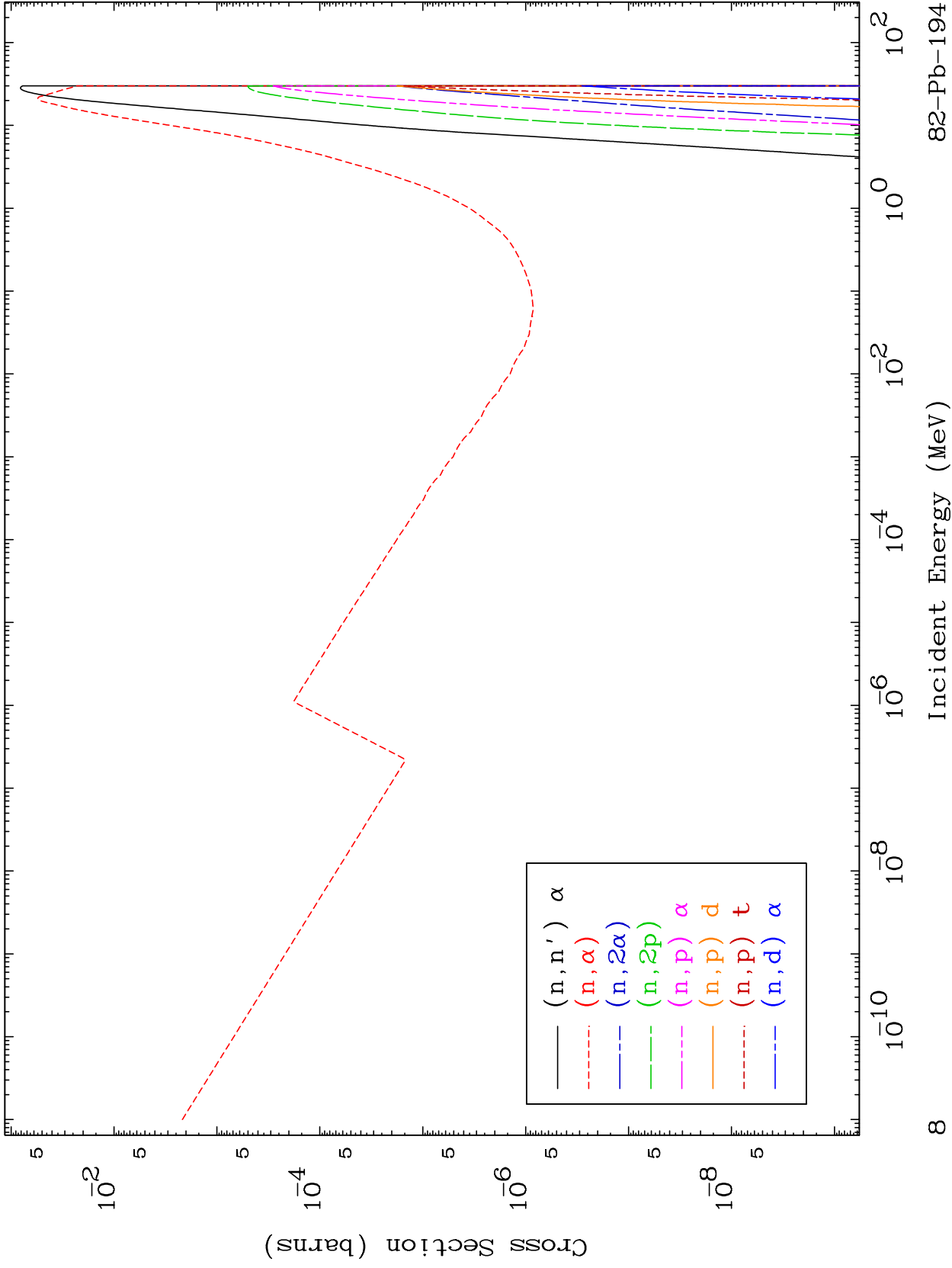
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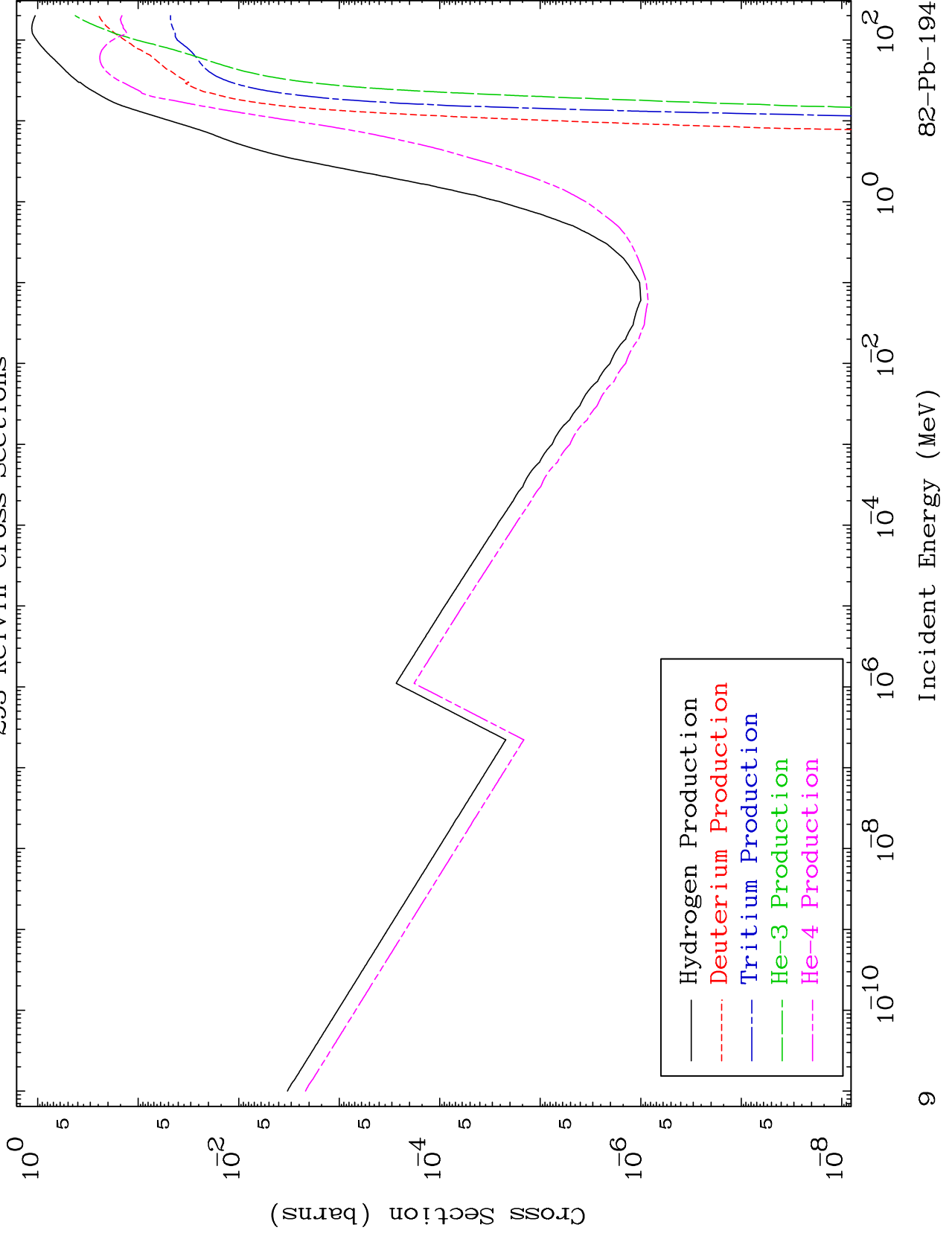


MAT 8195

Charged Particle
293 Kelvin Cross Sections

82-Pb-194



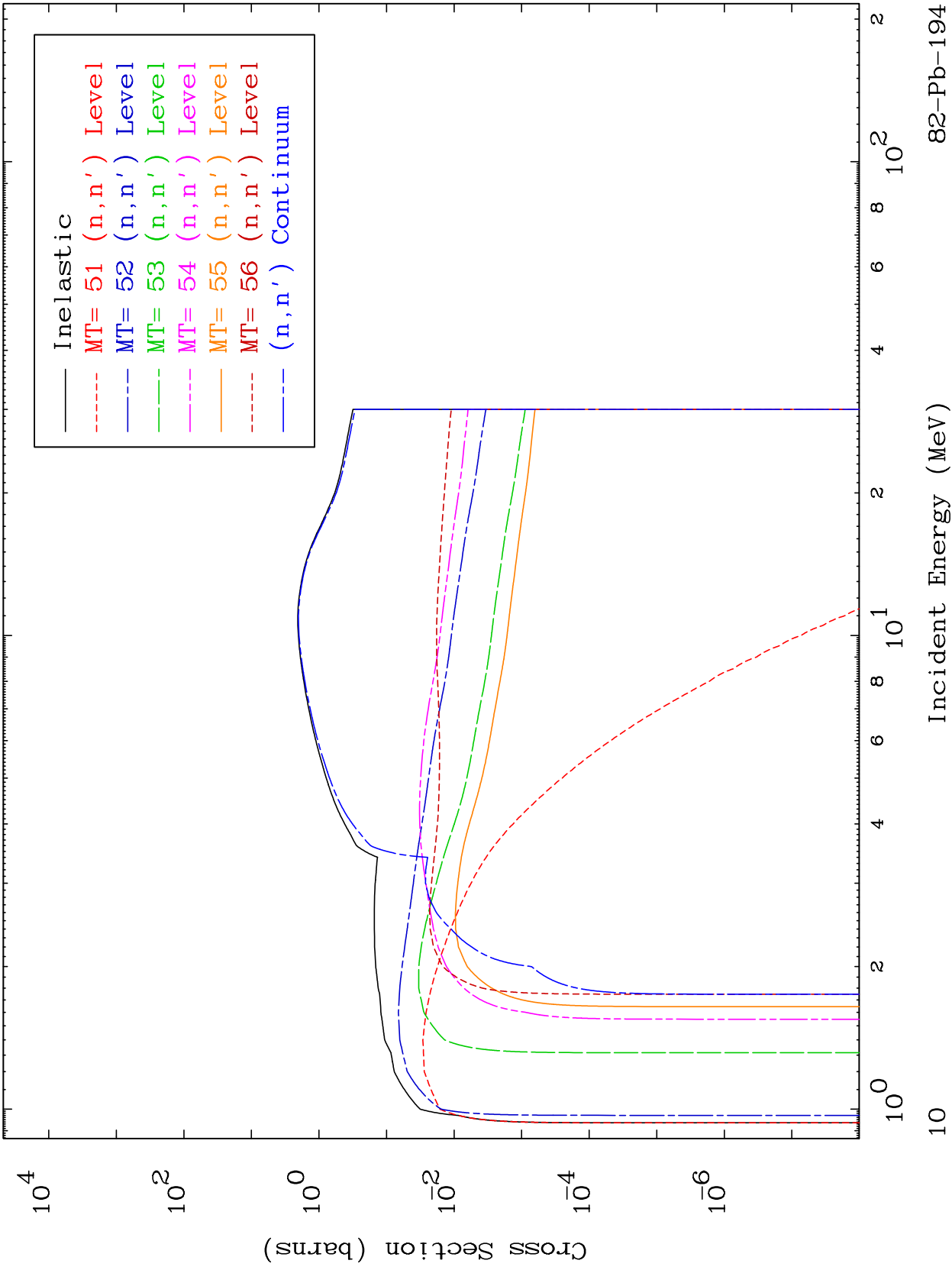


MAT 8195

(n,n') Levels

293 Kelvin Cross Sections

82-Pb-194

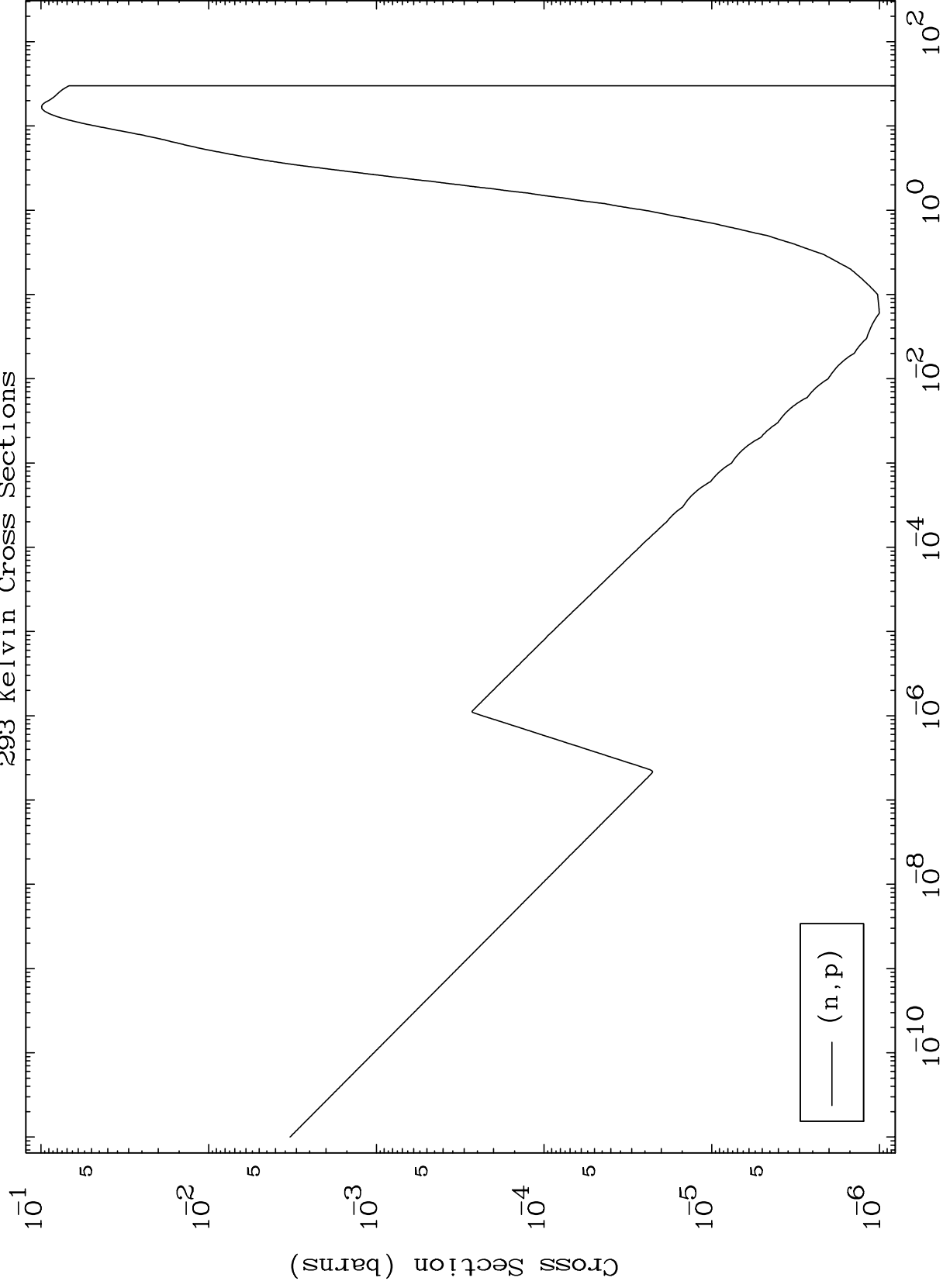


82-Pb-194

MAT 8195

(n,p) Levels
293 Kelvin Cross Sections

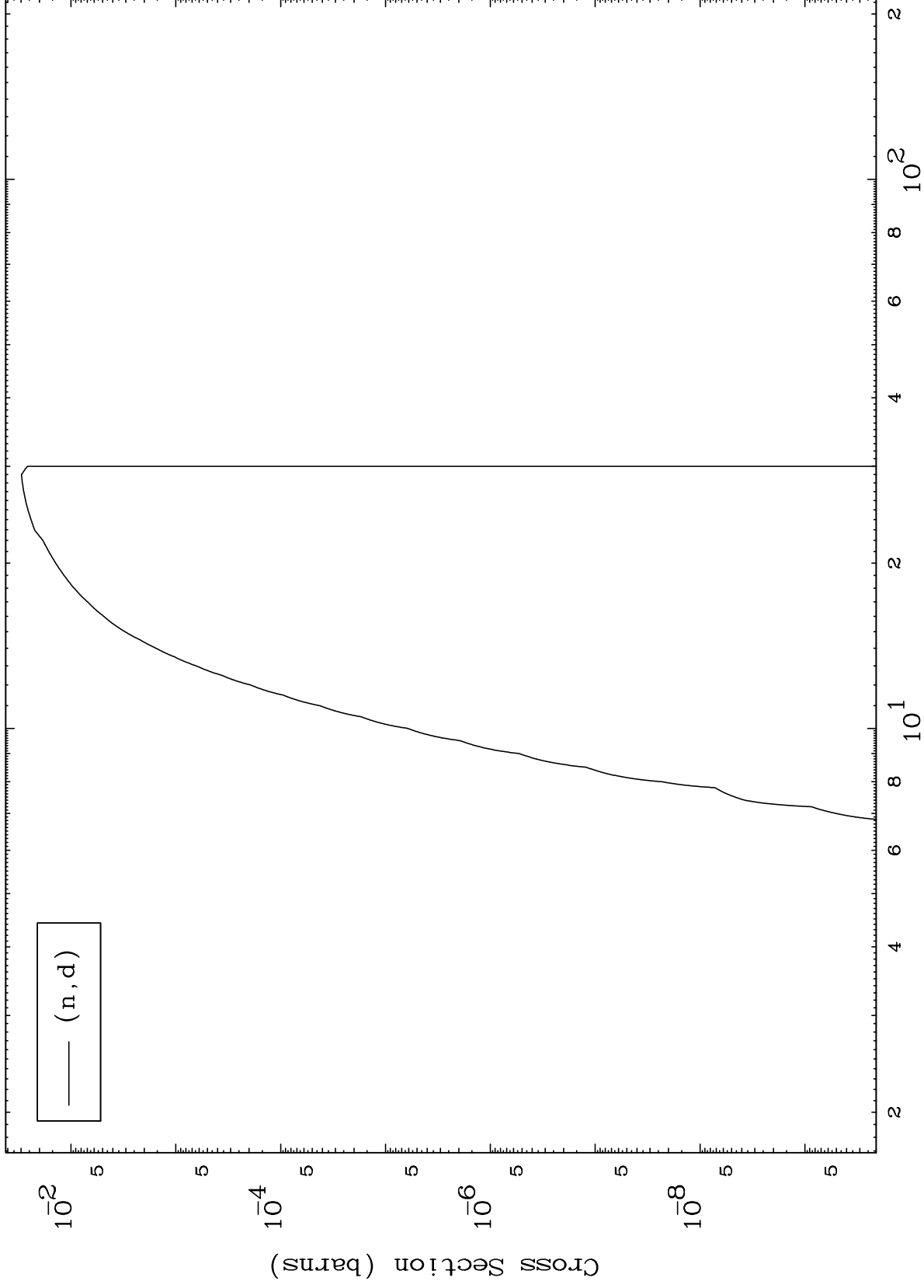
82-Pb-194



MAT 8195

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-194



12

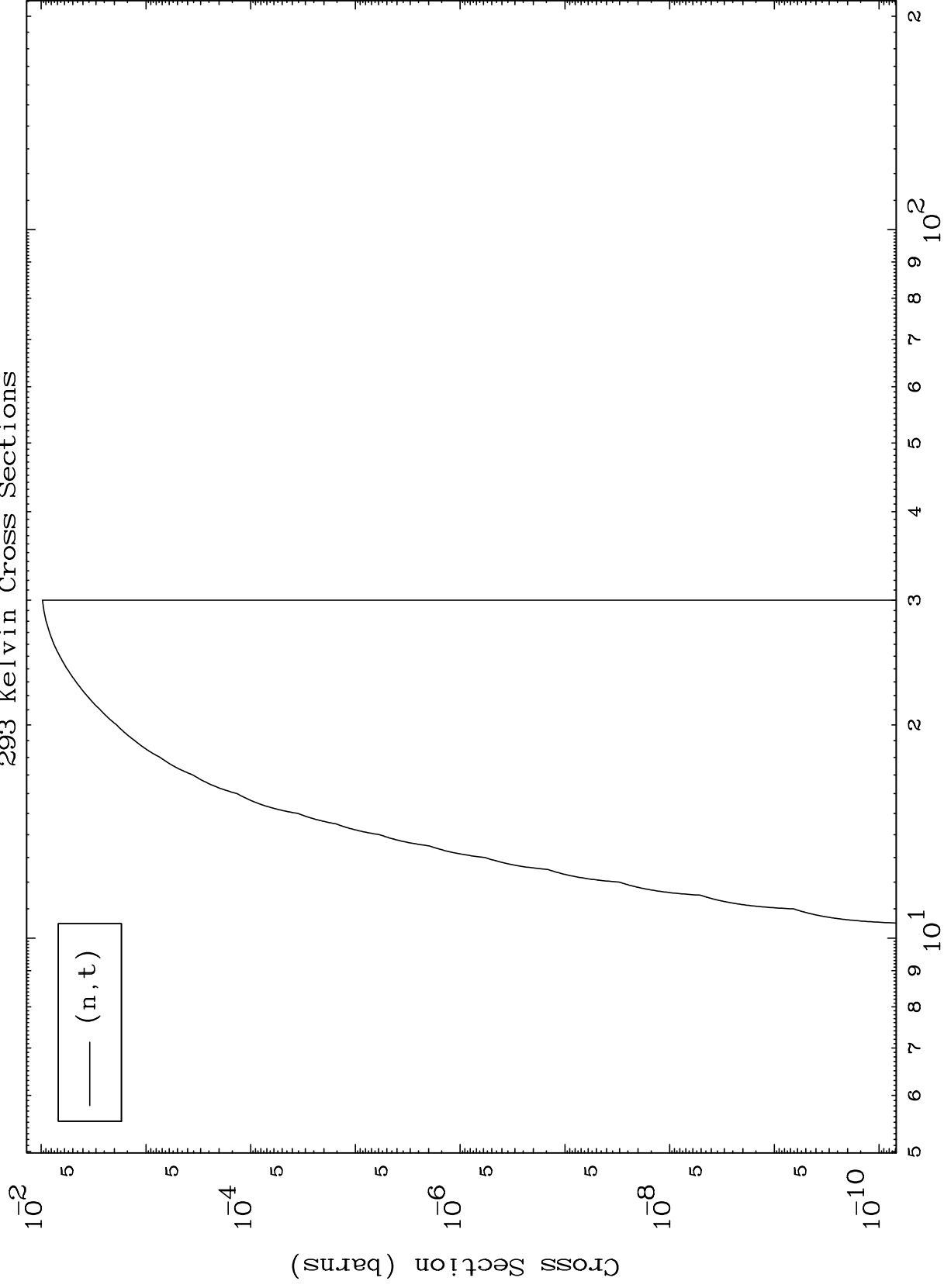
Incident Energy (MeV)

82-Pb-194

MAT 8195

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-194



13

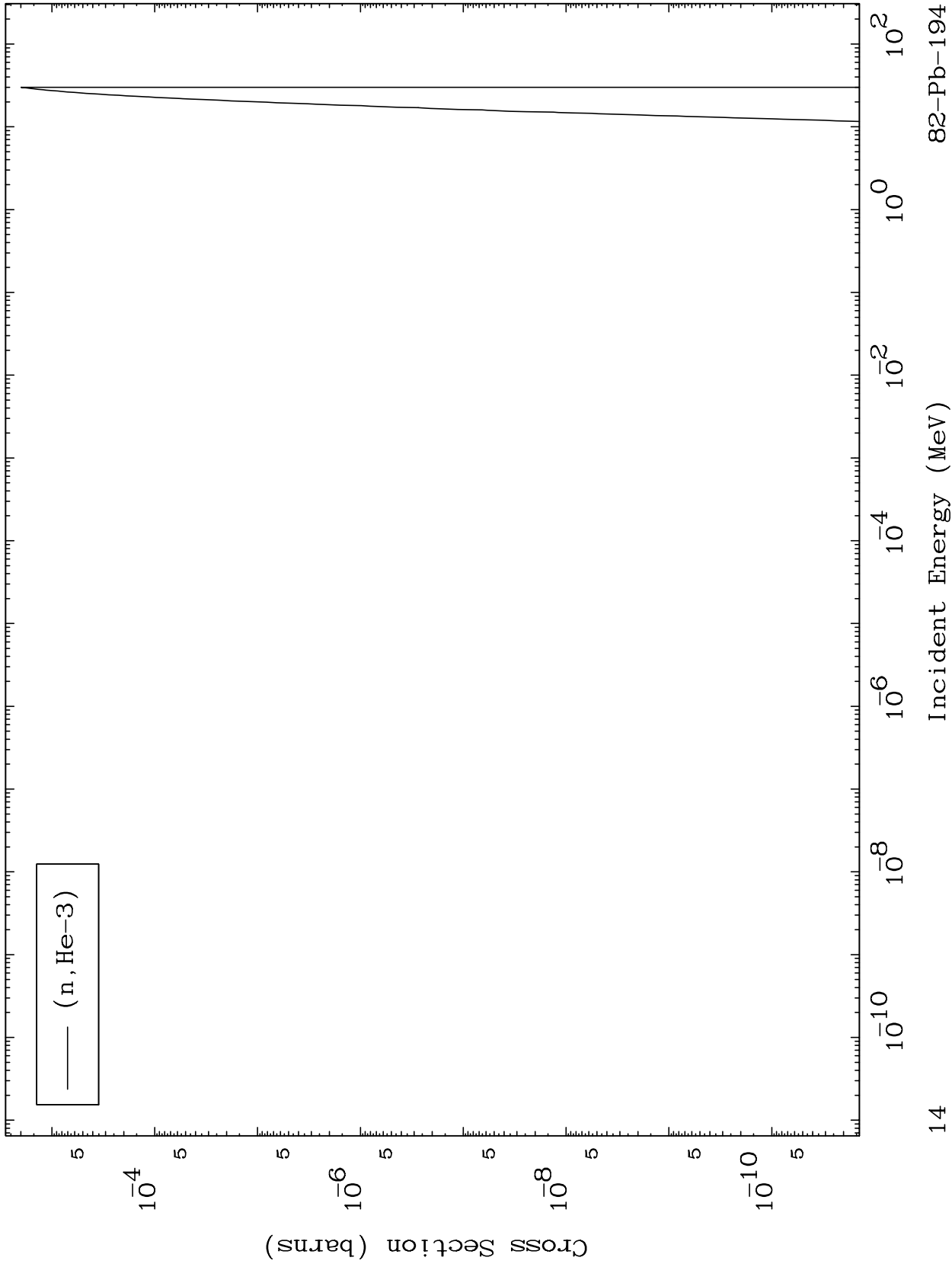
Incident Energy (MeV)

82-Pb-194

MAT 8195

(n,He3) Levels
293 Kelvin Cross Sections

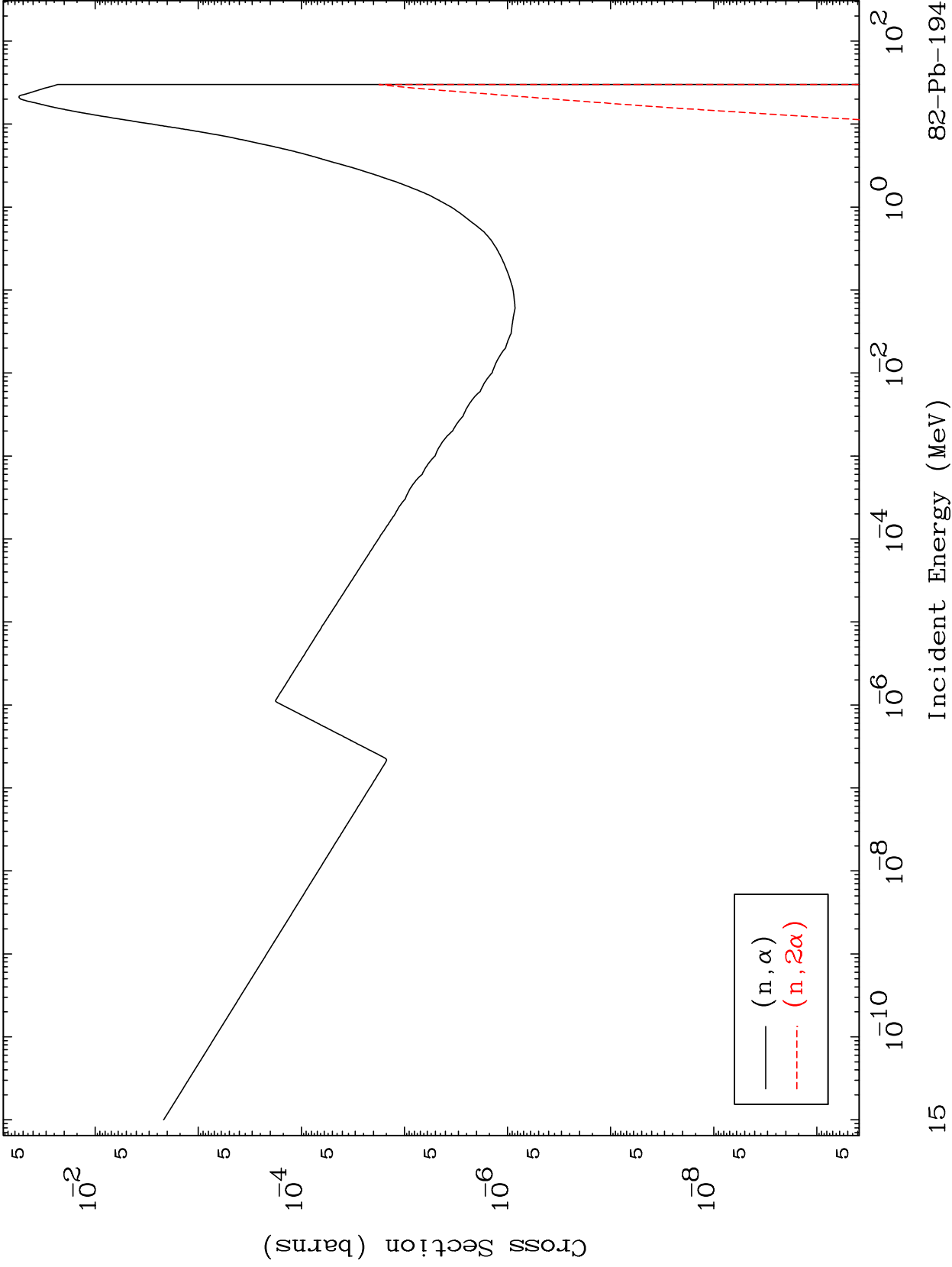
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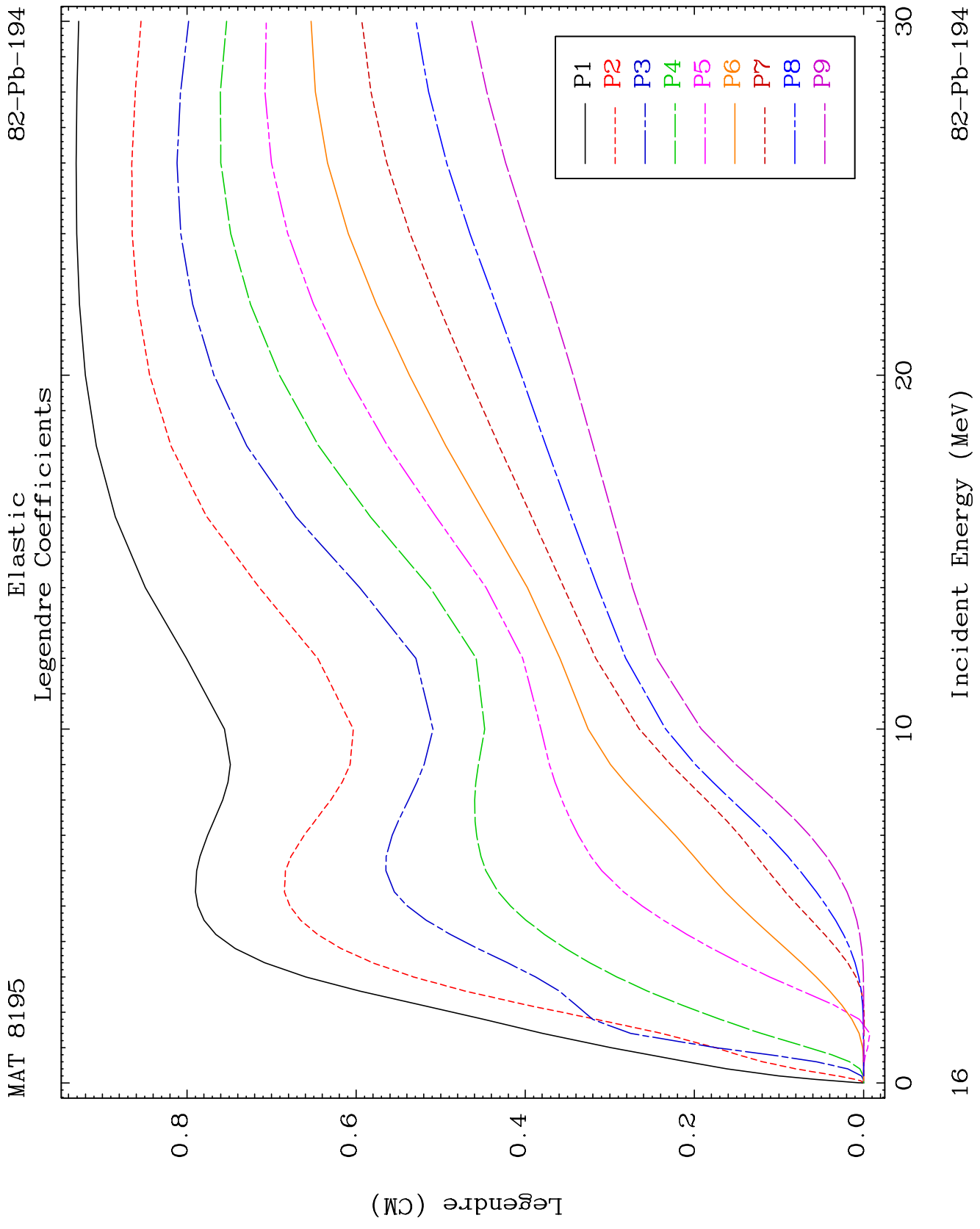


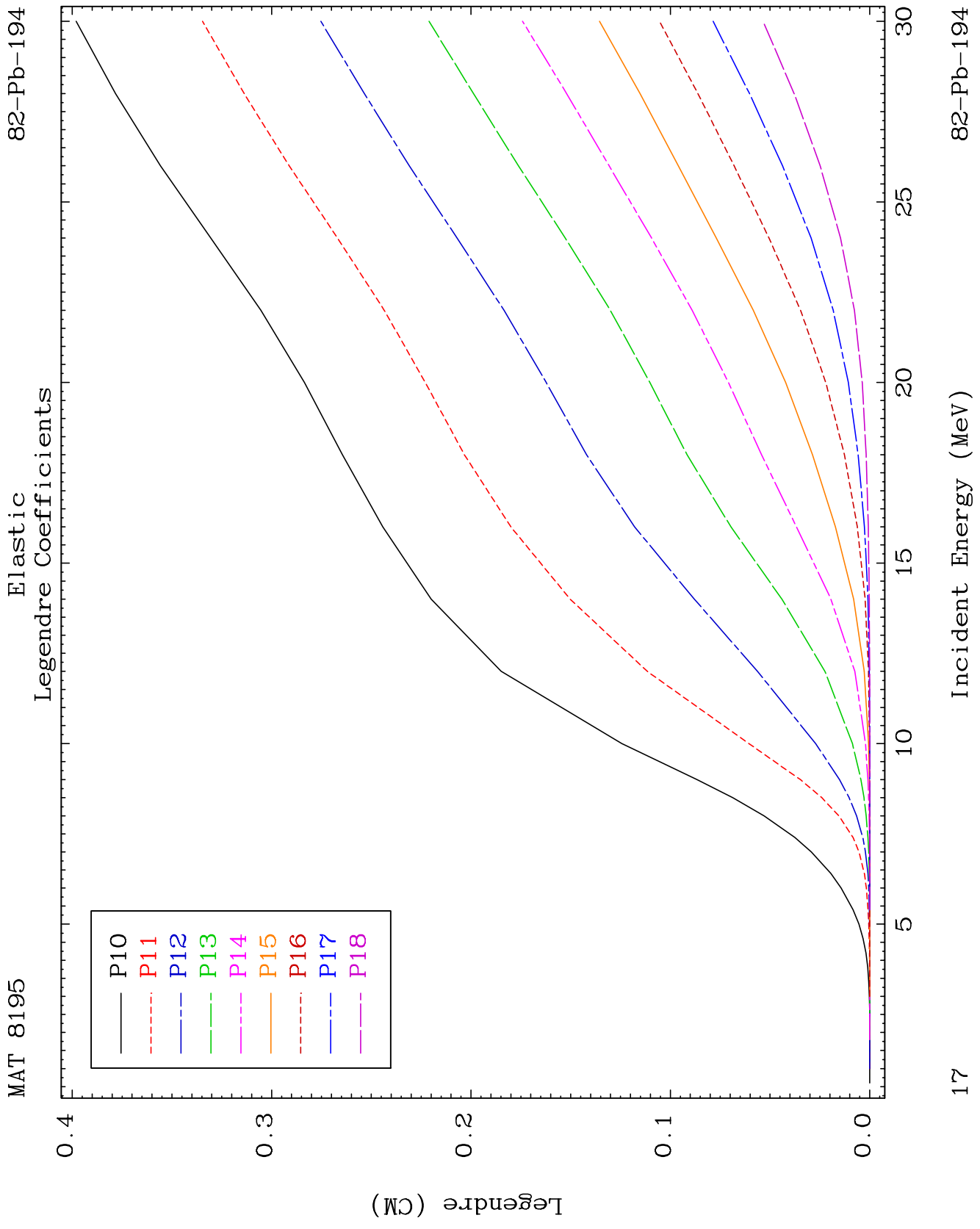
MAT 8195

(n,α) Levels
293 Kelvin Cross Sections

82-Pb-194







MAT 8195

Elastic Legendre Coefficients

$^{82}\text{Pb-194}$

17

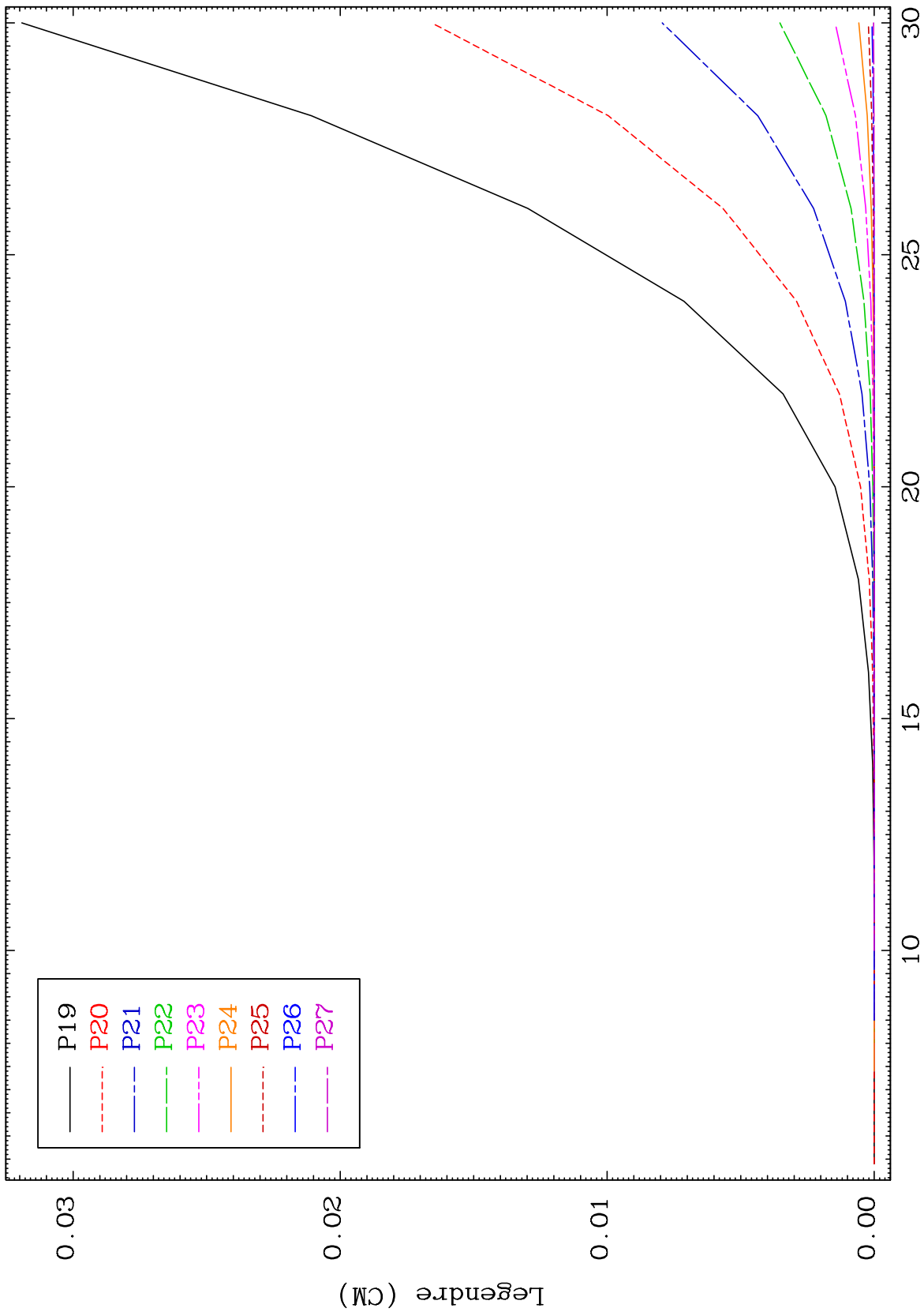
Incident Energy (MeV)

$^{82}\text{Pb-194}$

MAT 8195

Elastic
Legendre Coefficients

82-Pb-194



18

Incident Energy (MeV)

82-Pb-194

30

25

20

15

10

0.03

0.02

0.01

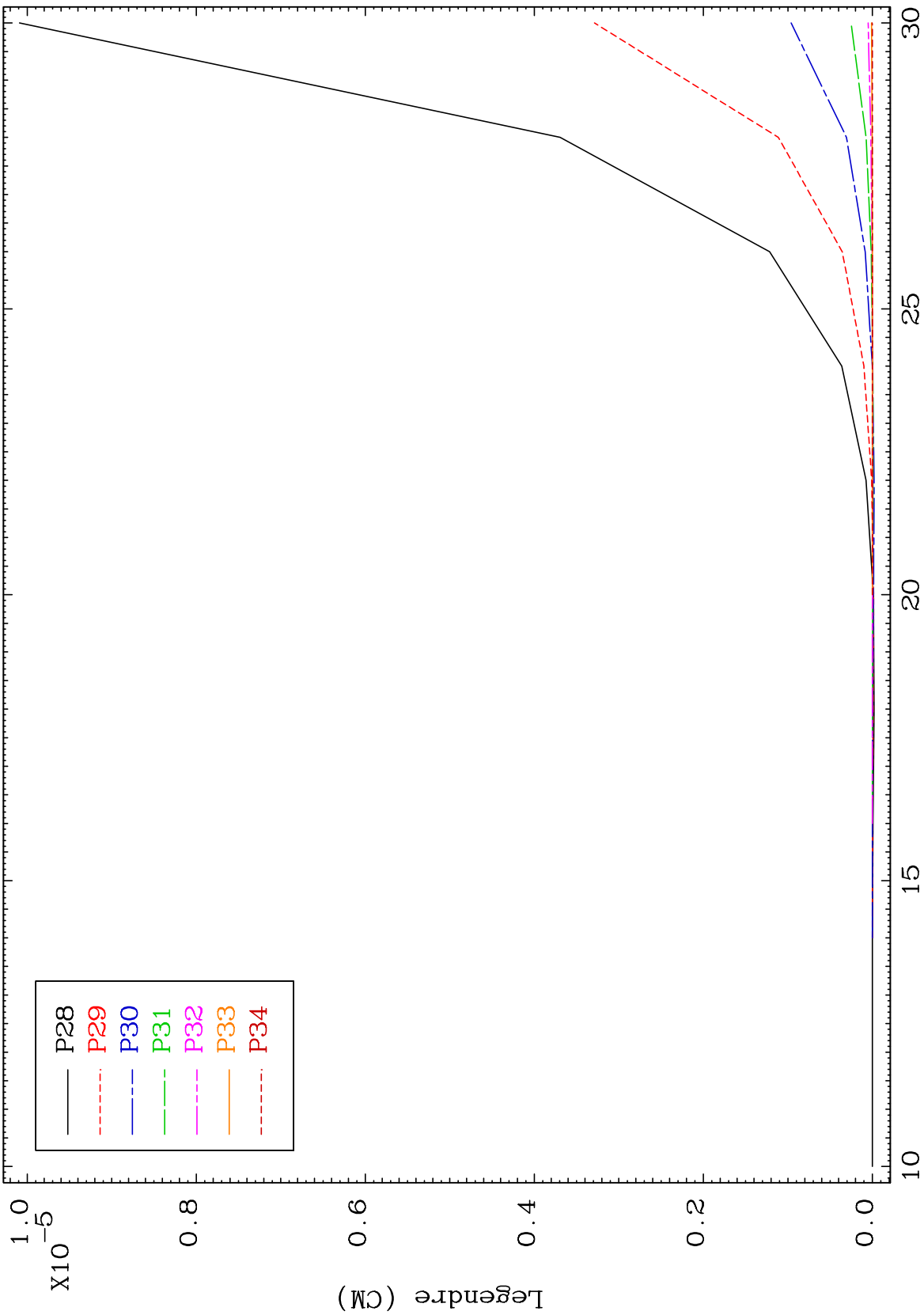
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Legendre (CM)

MAT 8195

Elastic
Legendre Coefficients

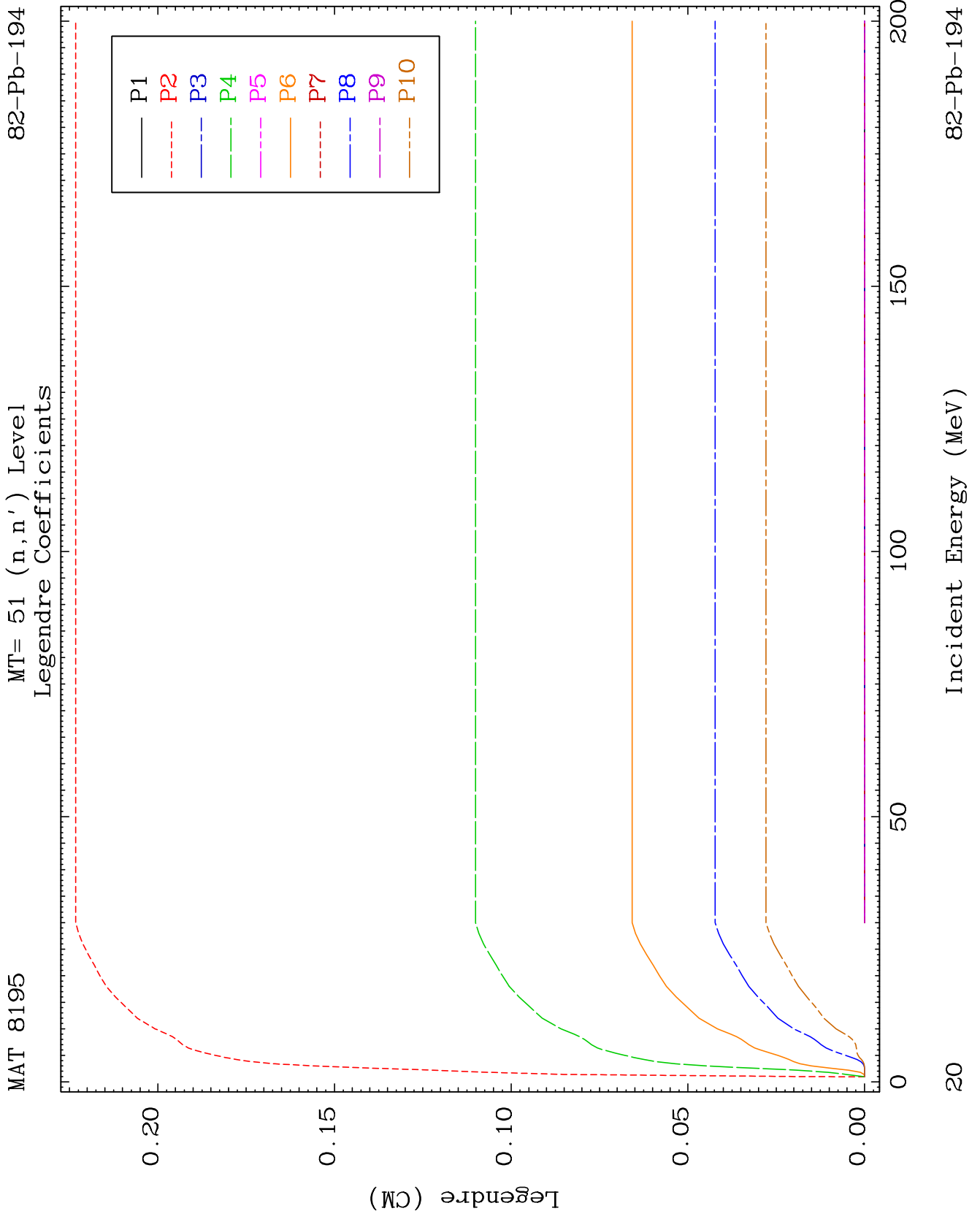
82-Pb-194



19

Incident Energy (MeV)

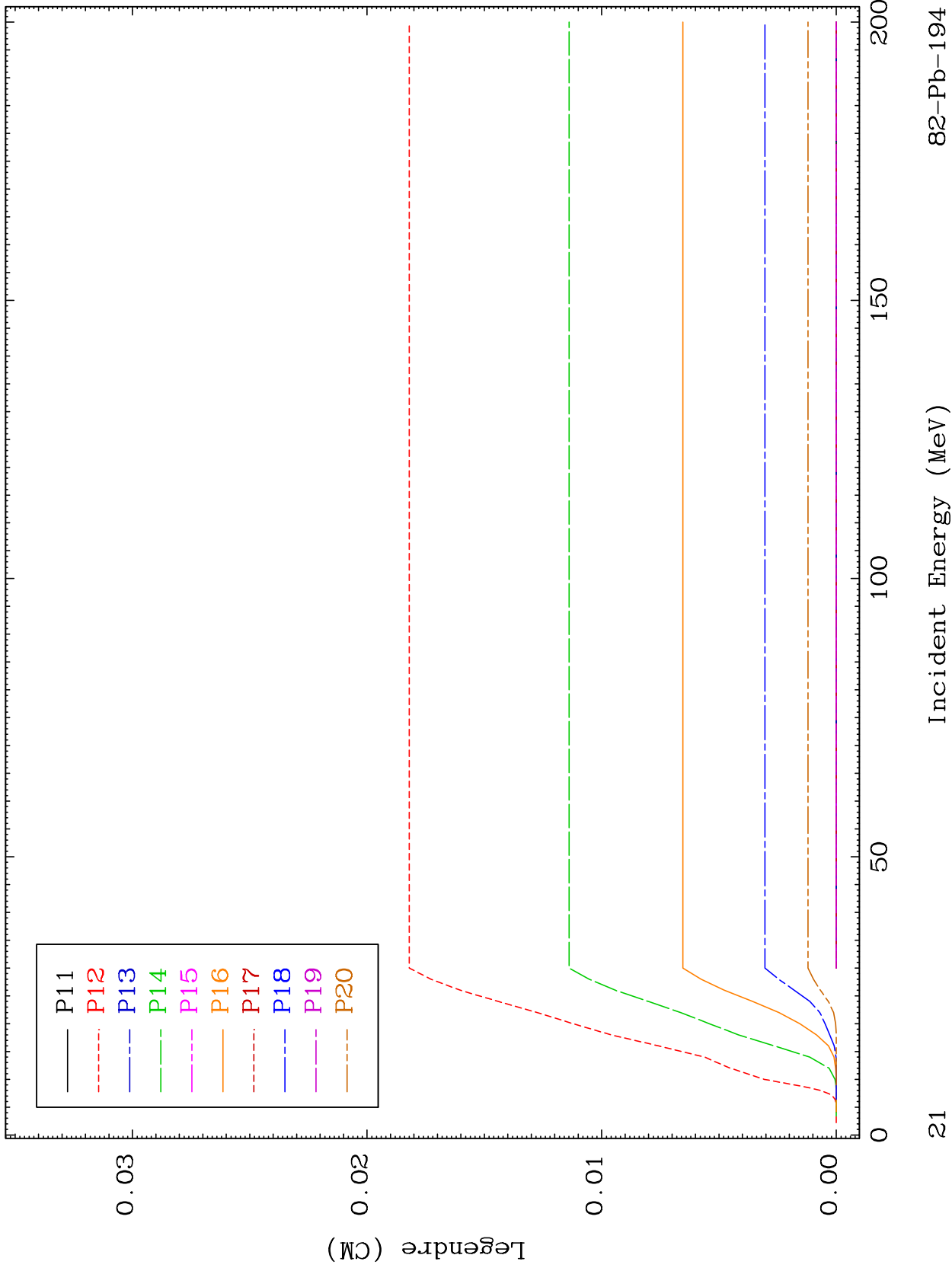
82-Pb-194



MAT 8195

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

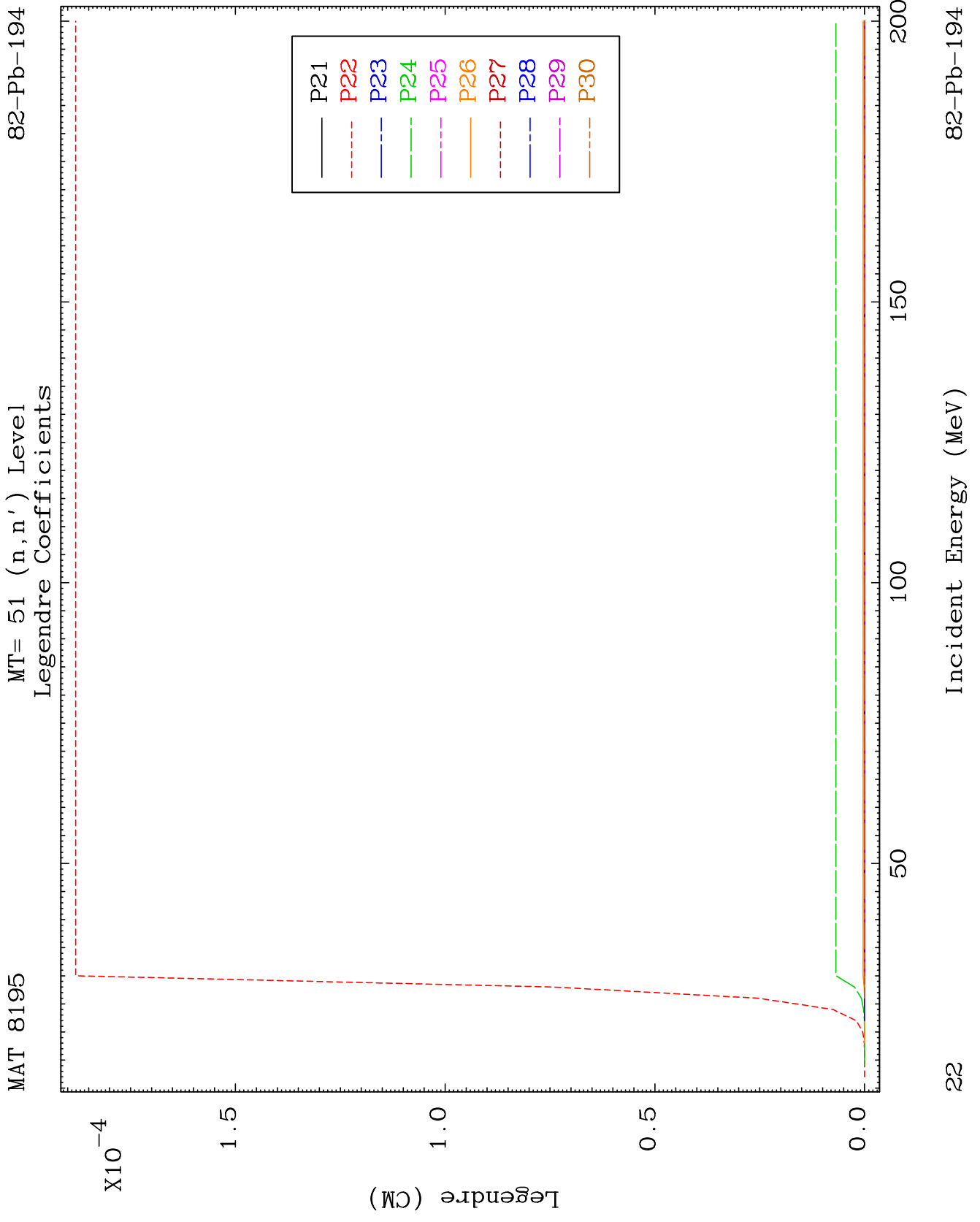
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21

Incident Energy (MeV)

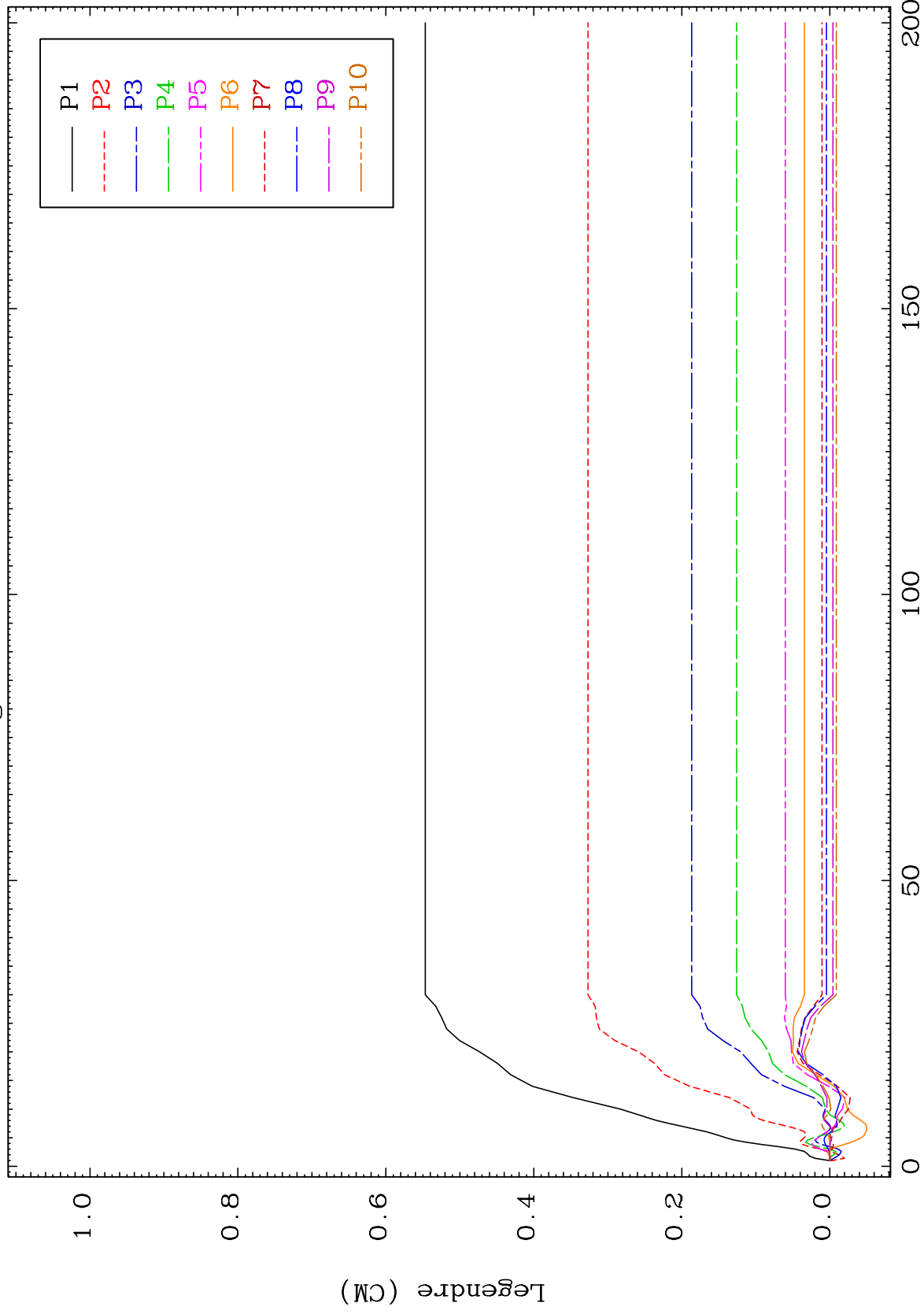
82-Pb-194



MAT 8195

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

82-Pb-194



23

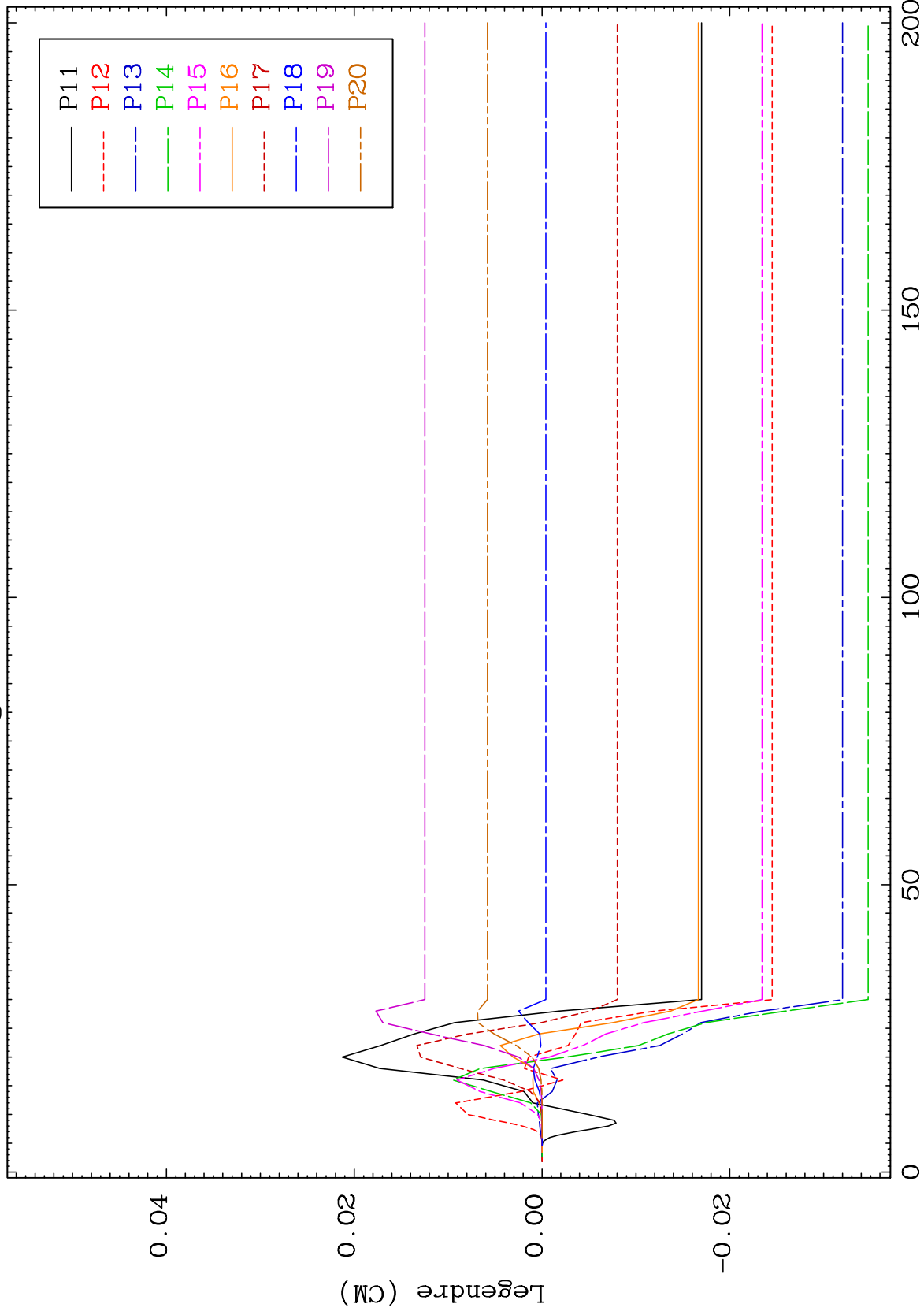
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



24

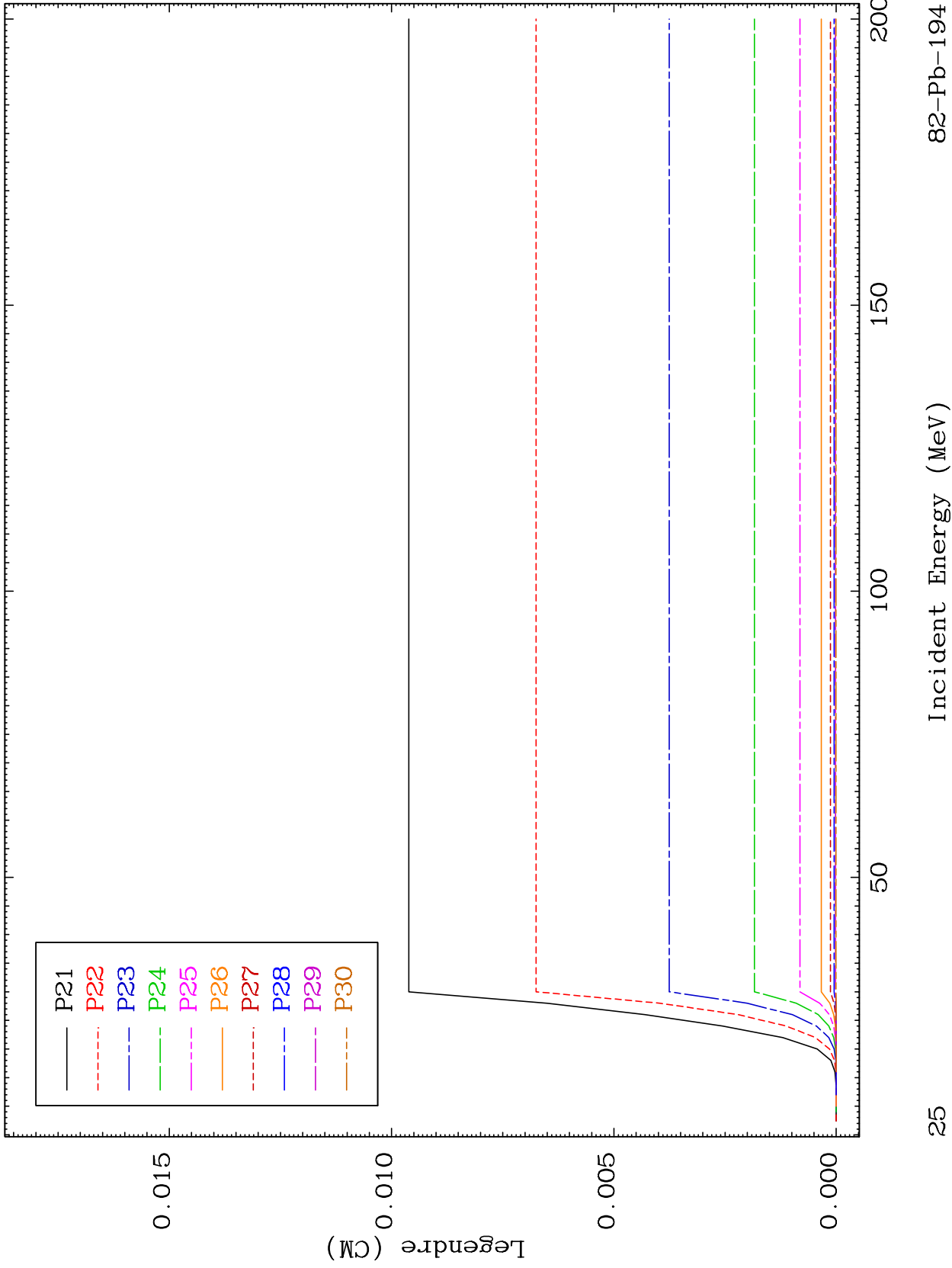
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



25

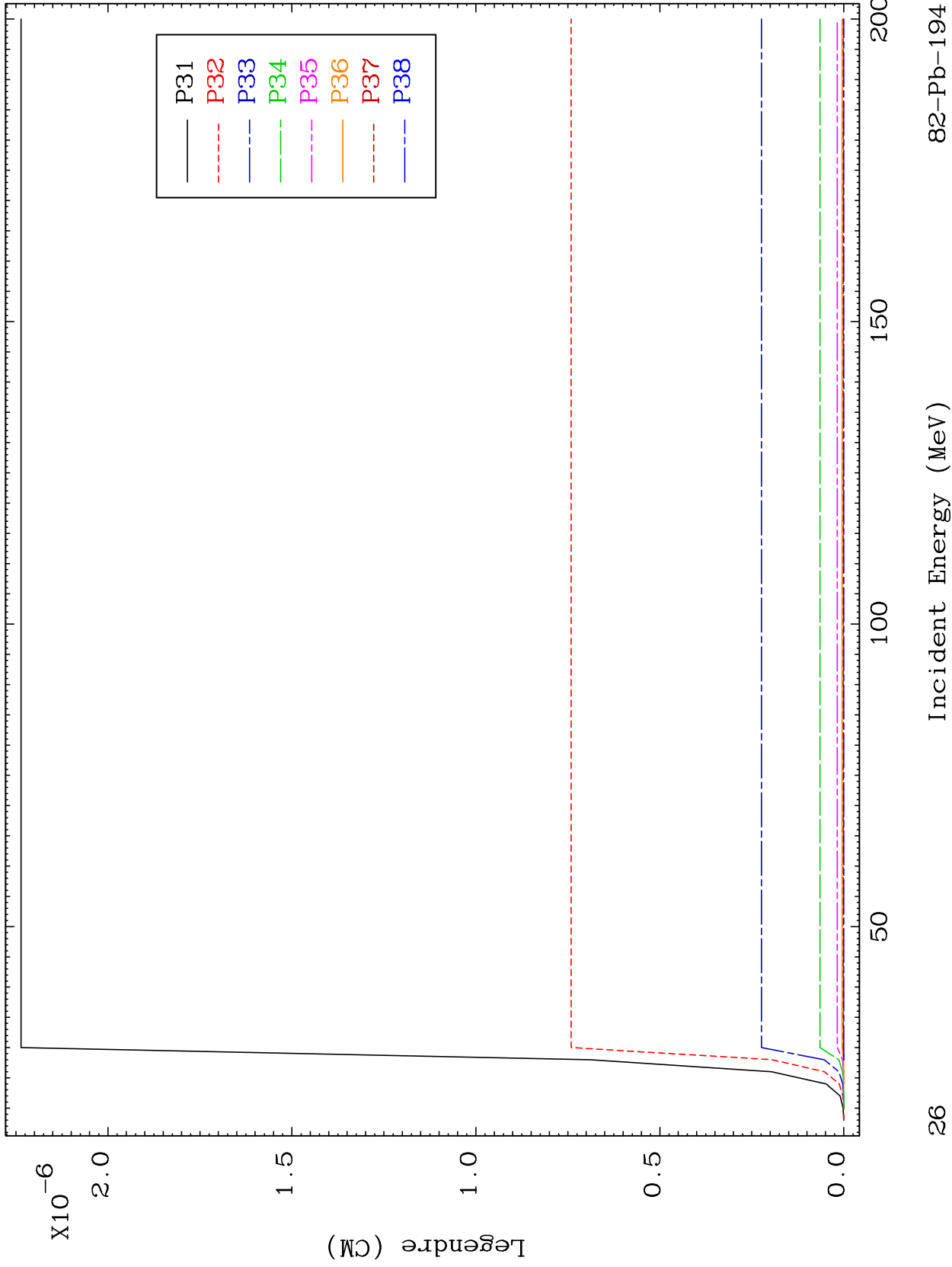
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



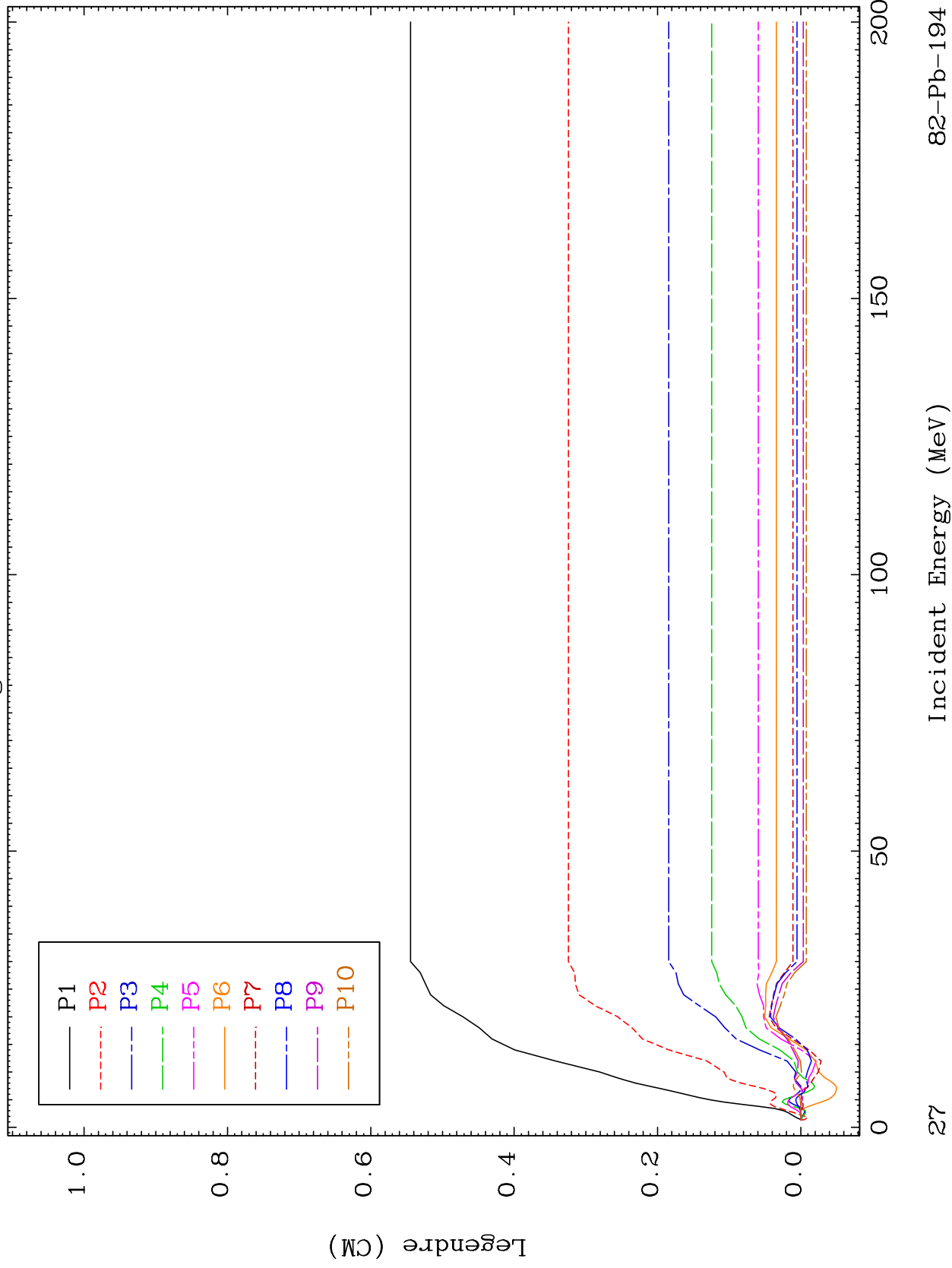
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82-Pb-194

MAT 8195

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

82-Pb-194



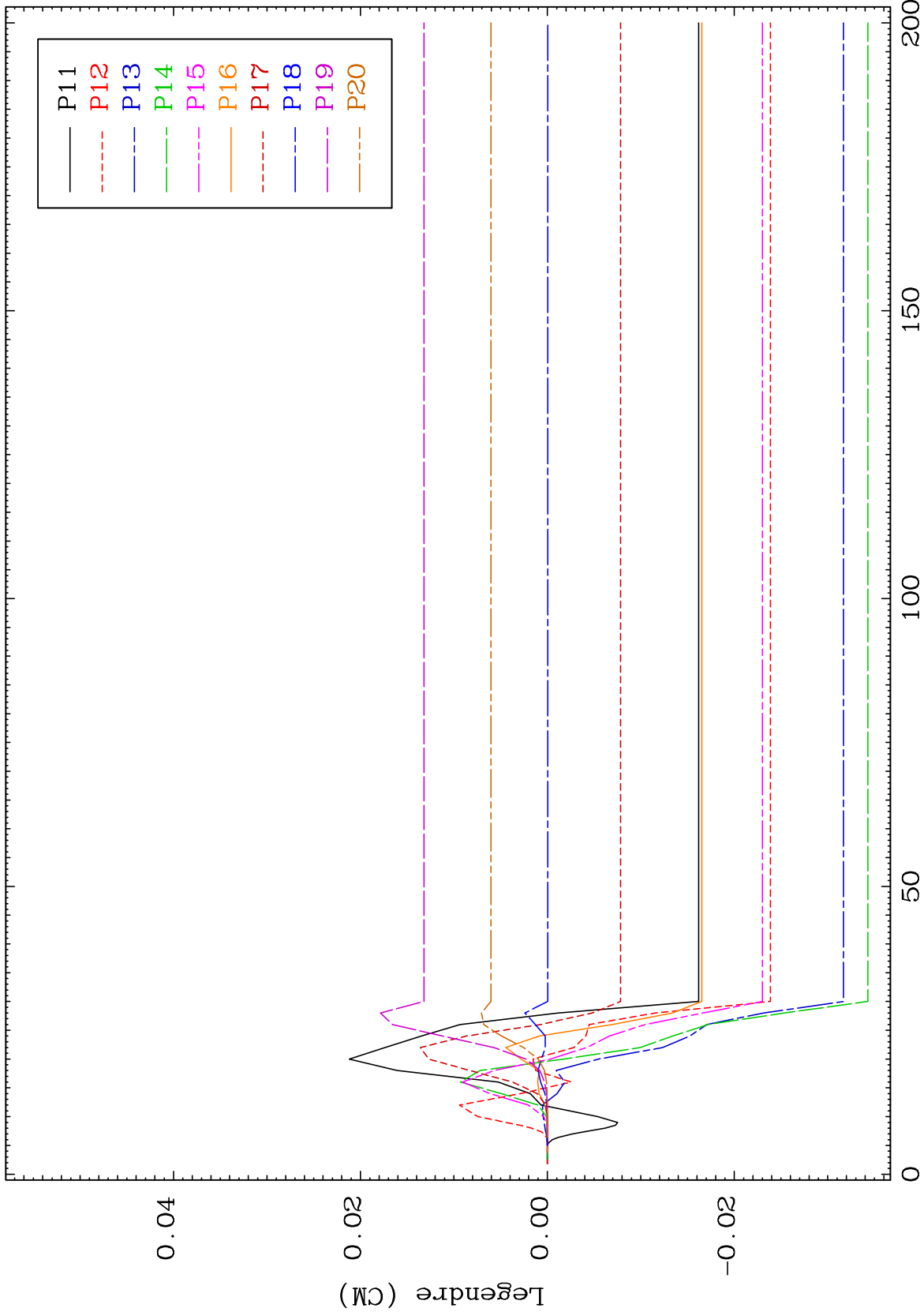
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82-Pb-194

MAT 8195

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

82-Pb-194



28

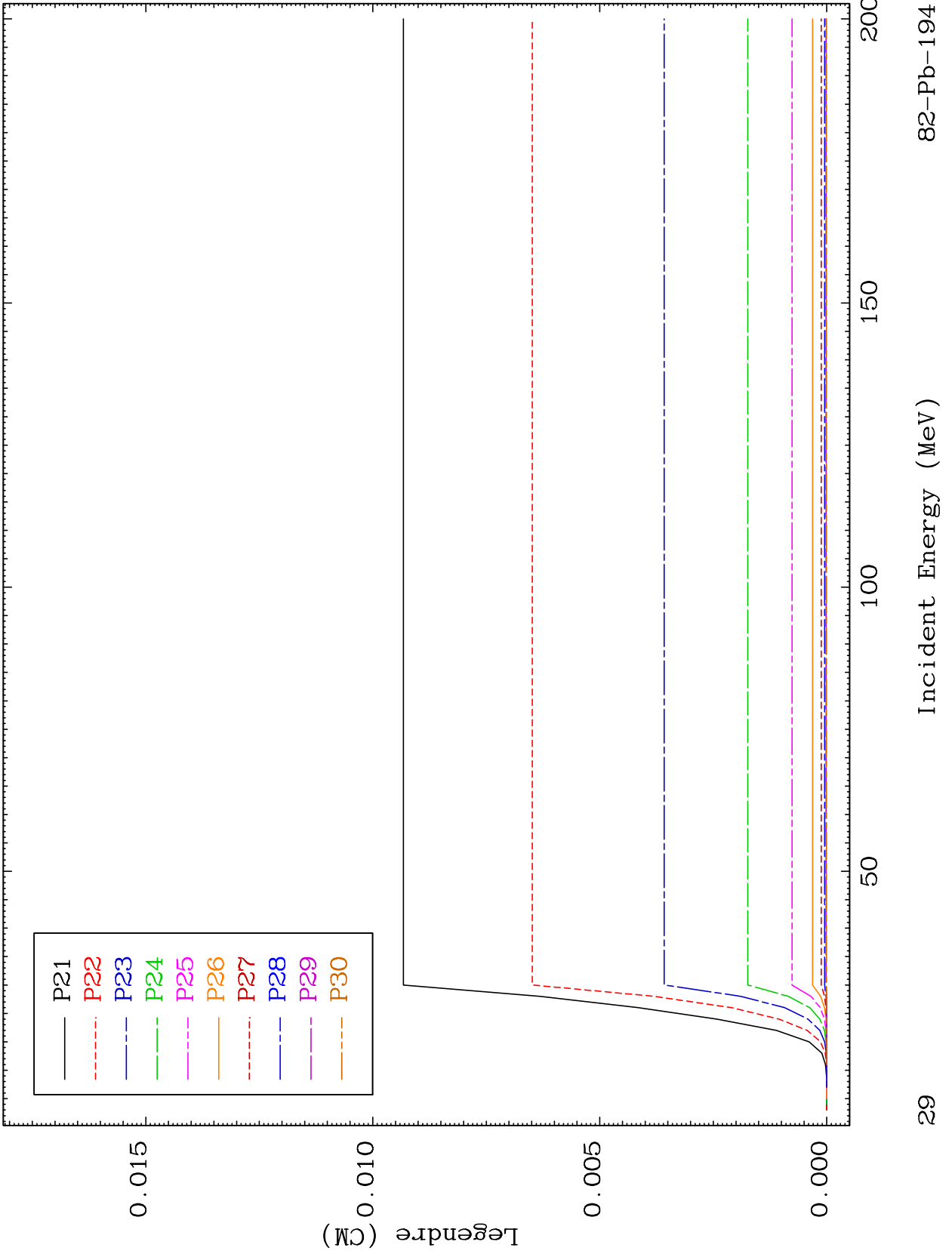
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



29

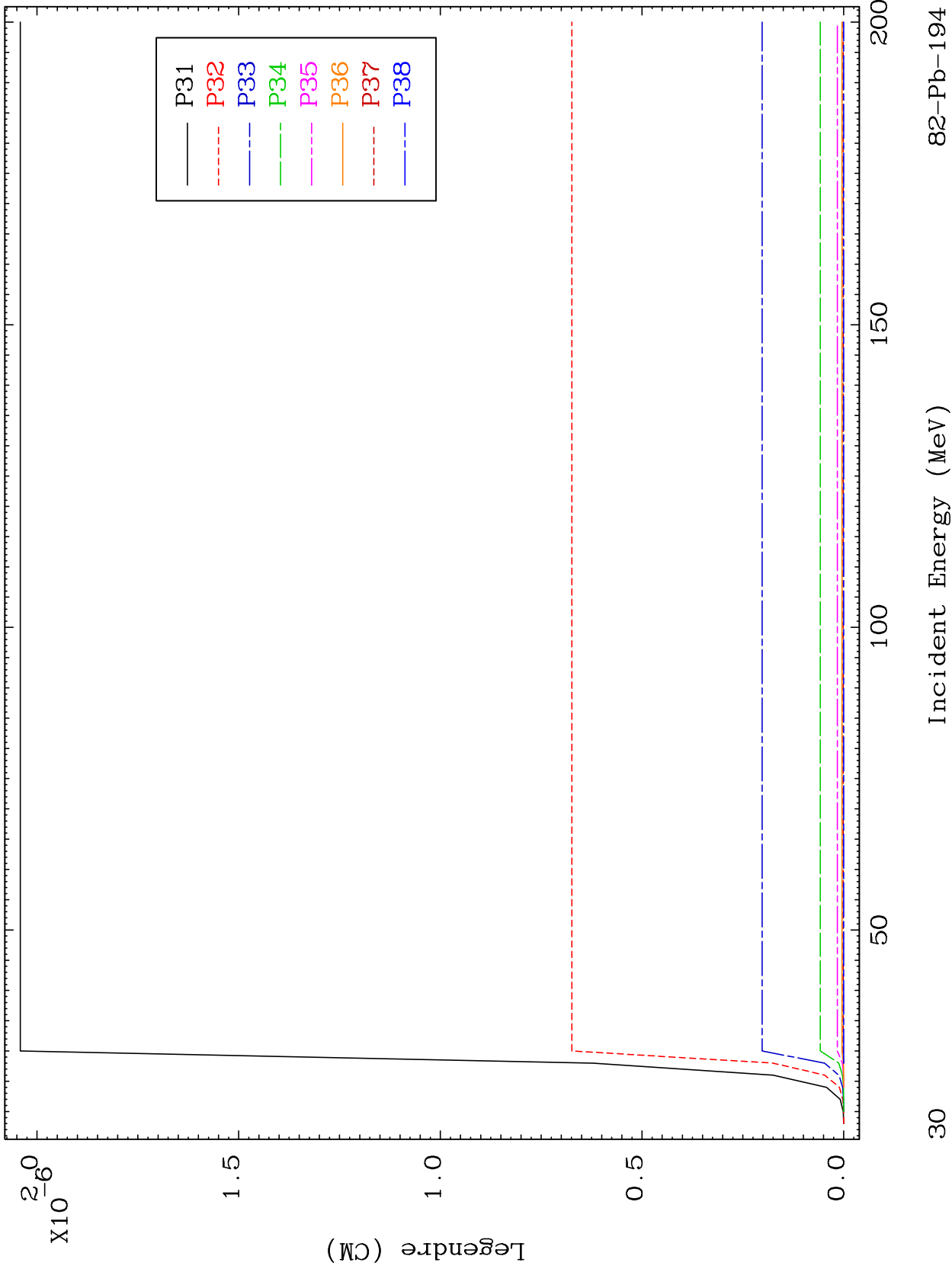
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

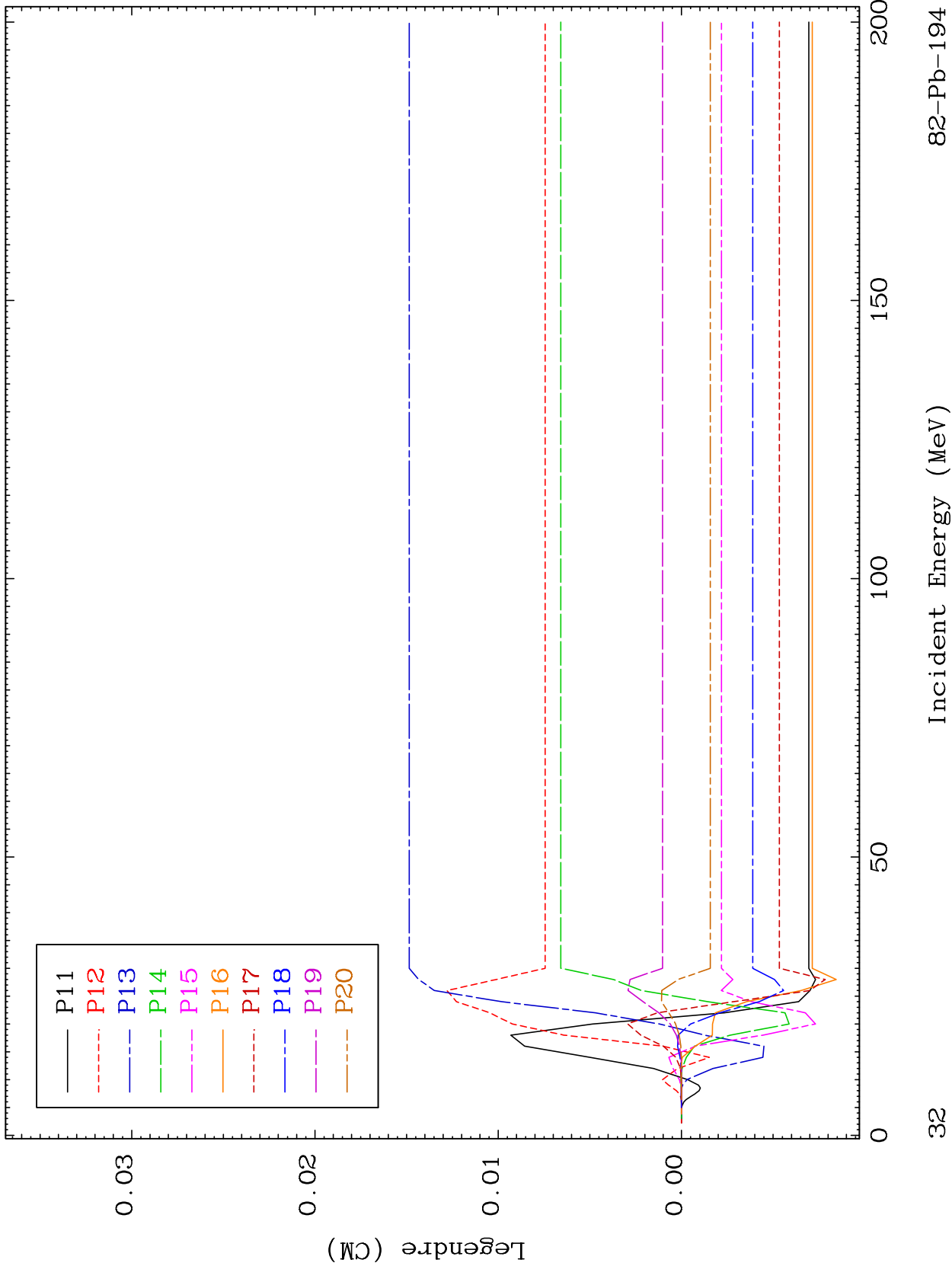
82-Pb-194



MAT 8195

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

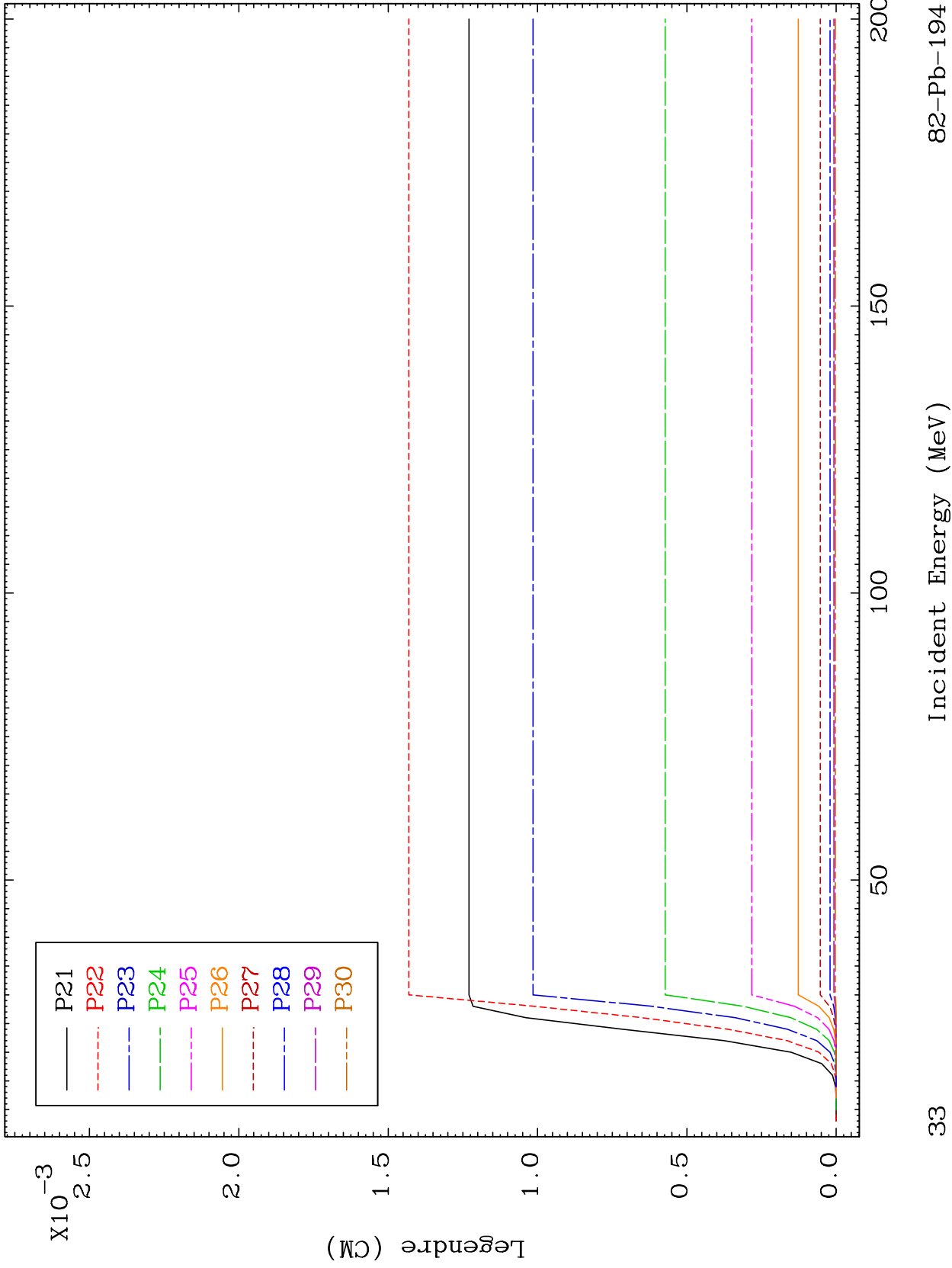
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32

Incident Energy (MeV)

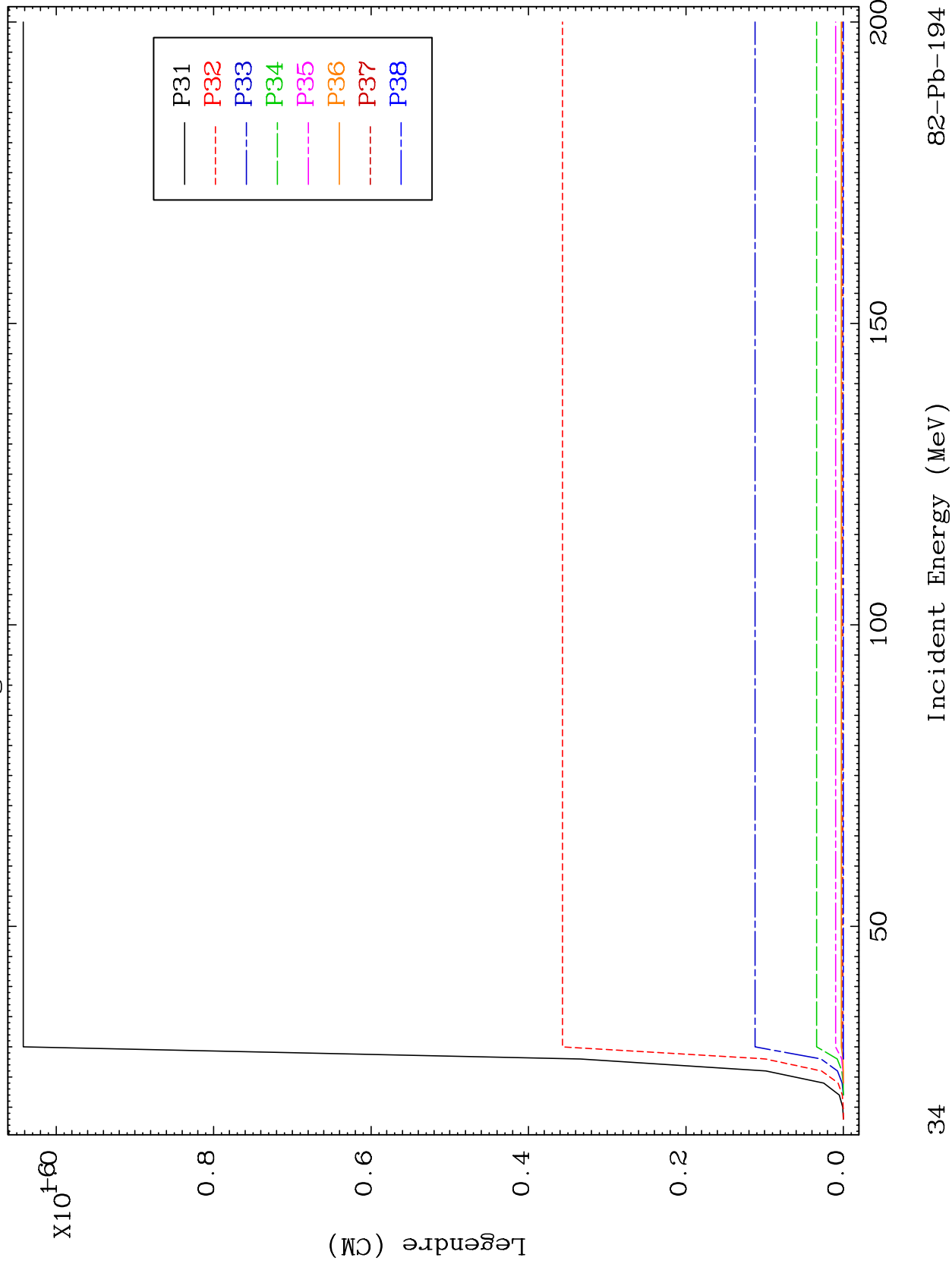
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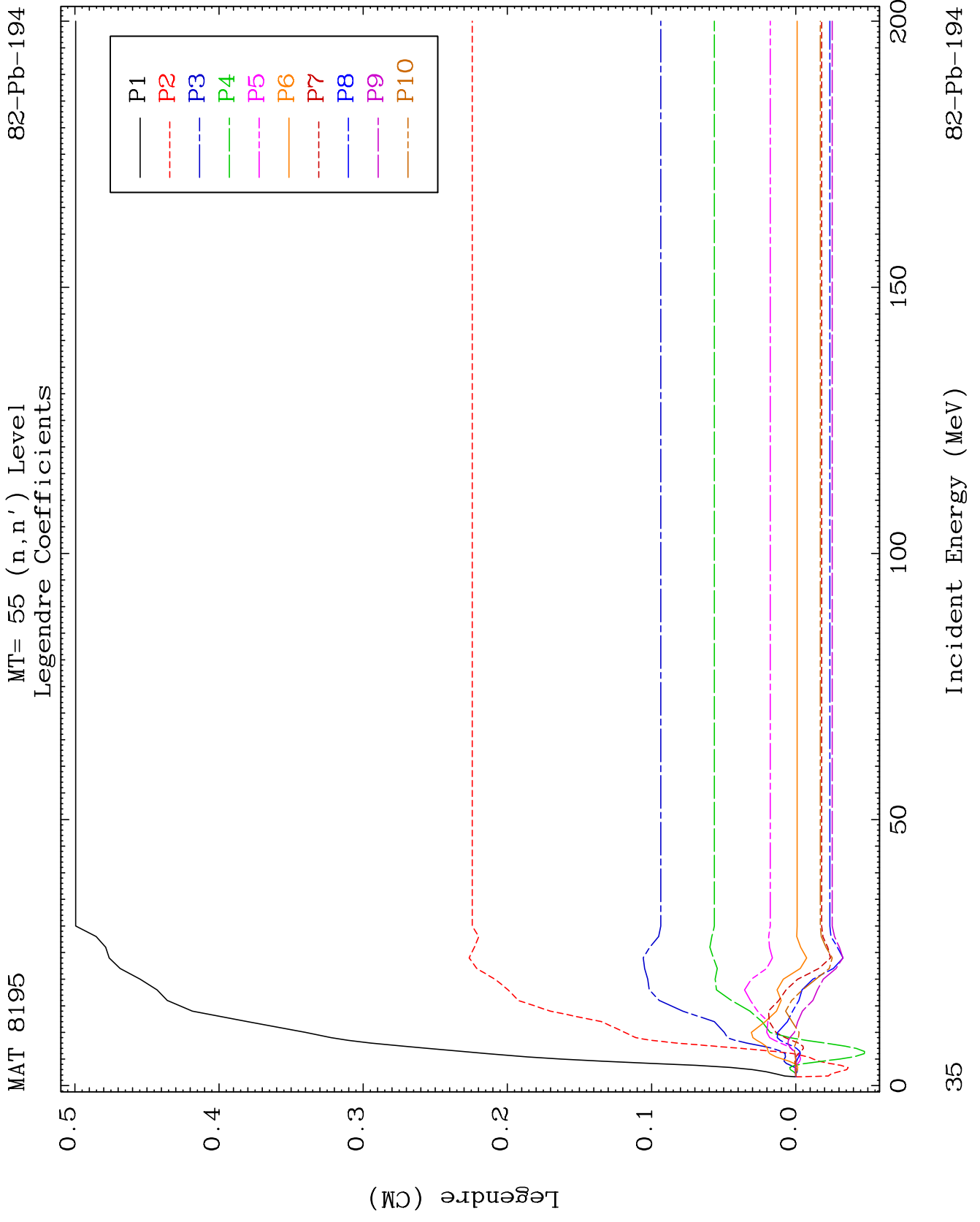


MAT 8195

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

82-Pb-194

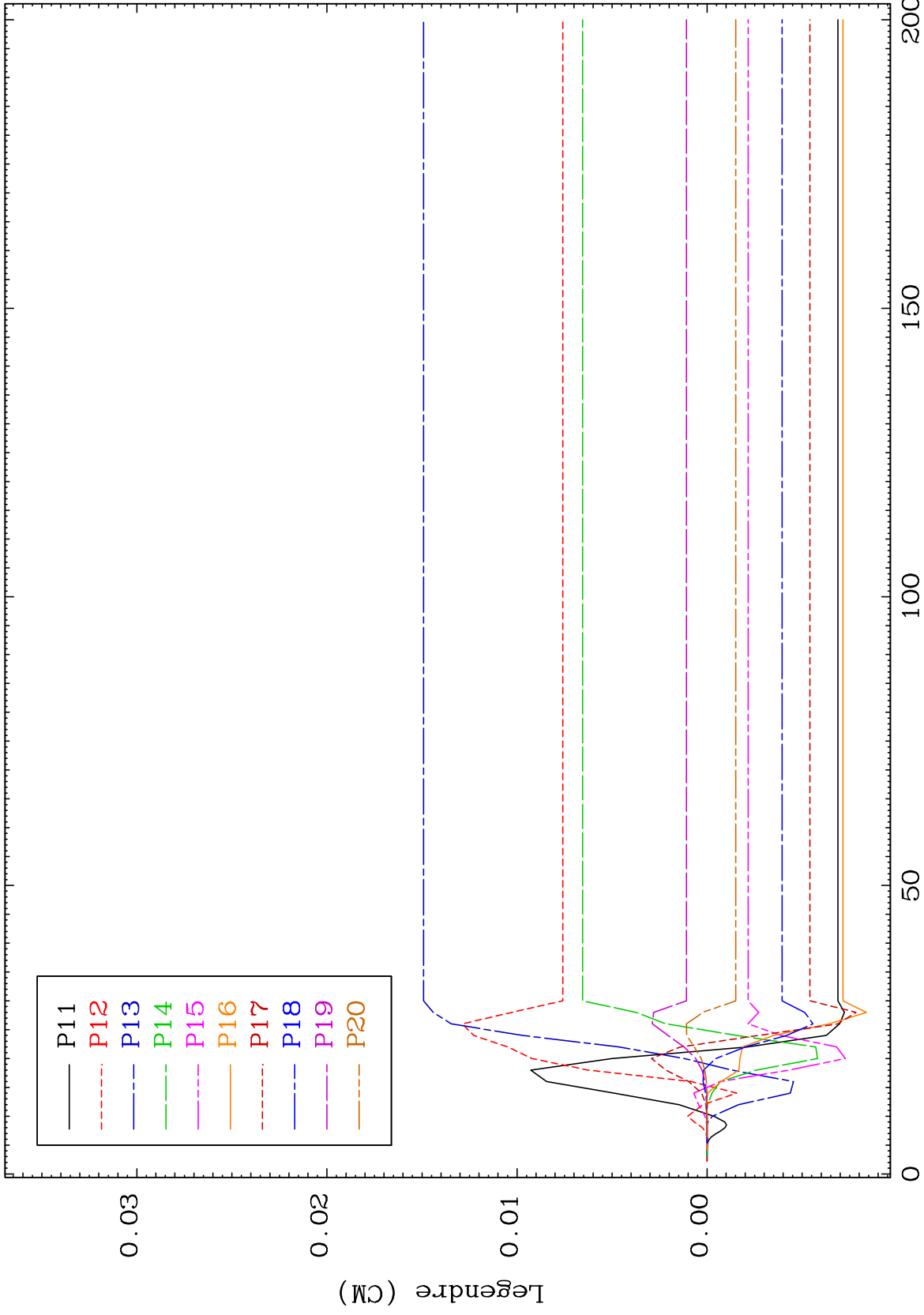




MAT 8195

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

82-Pb-194



36

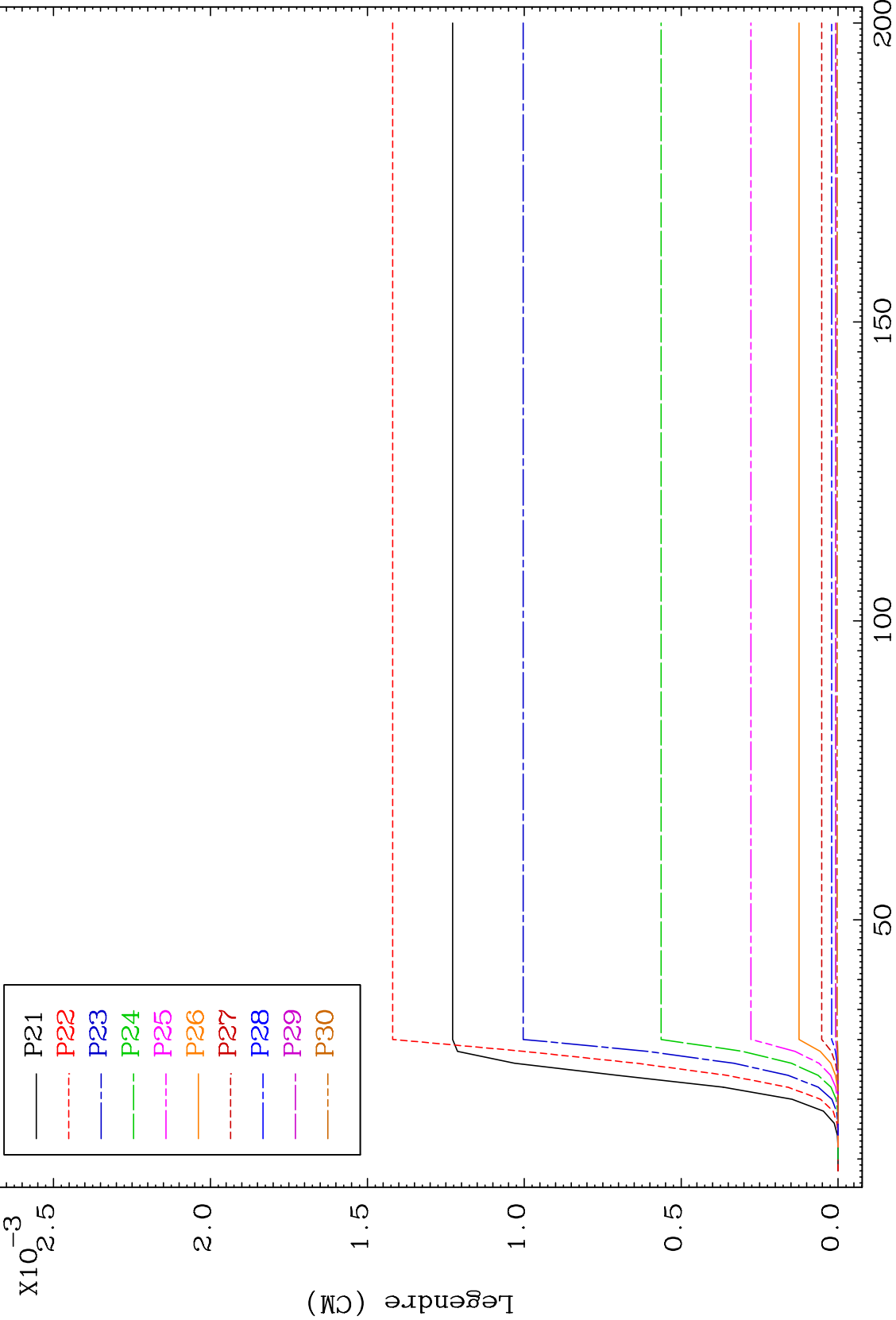
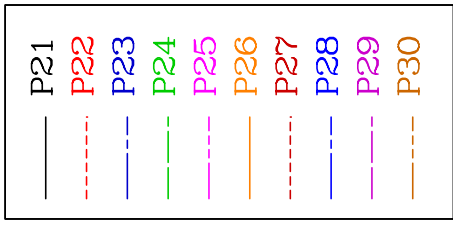
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

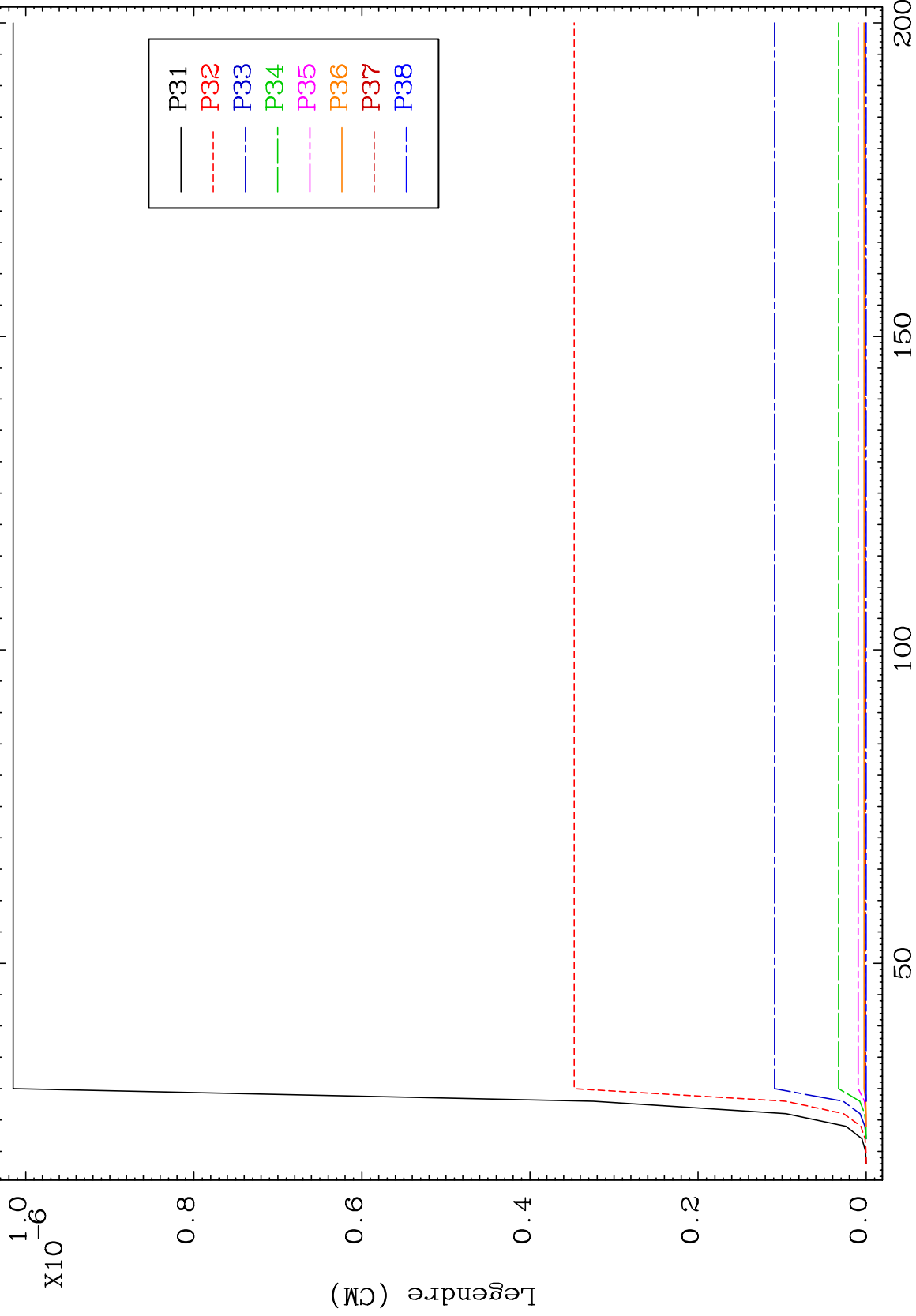
82-Pb-194



MAT 8195

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

82-Pb-194



38

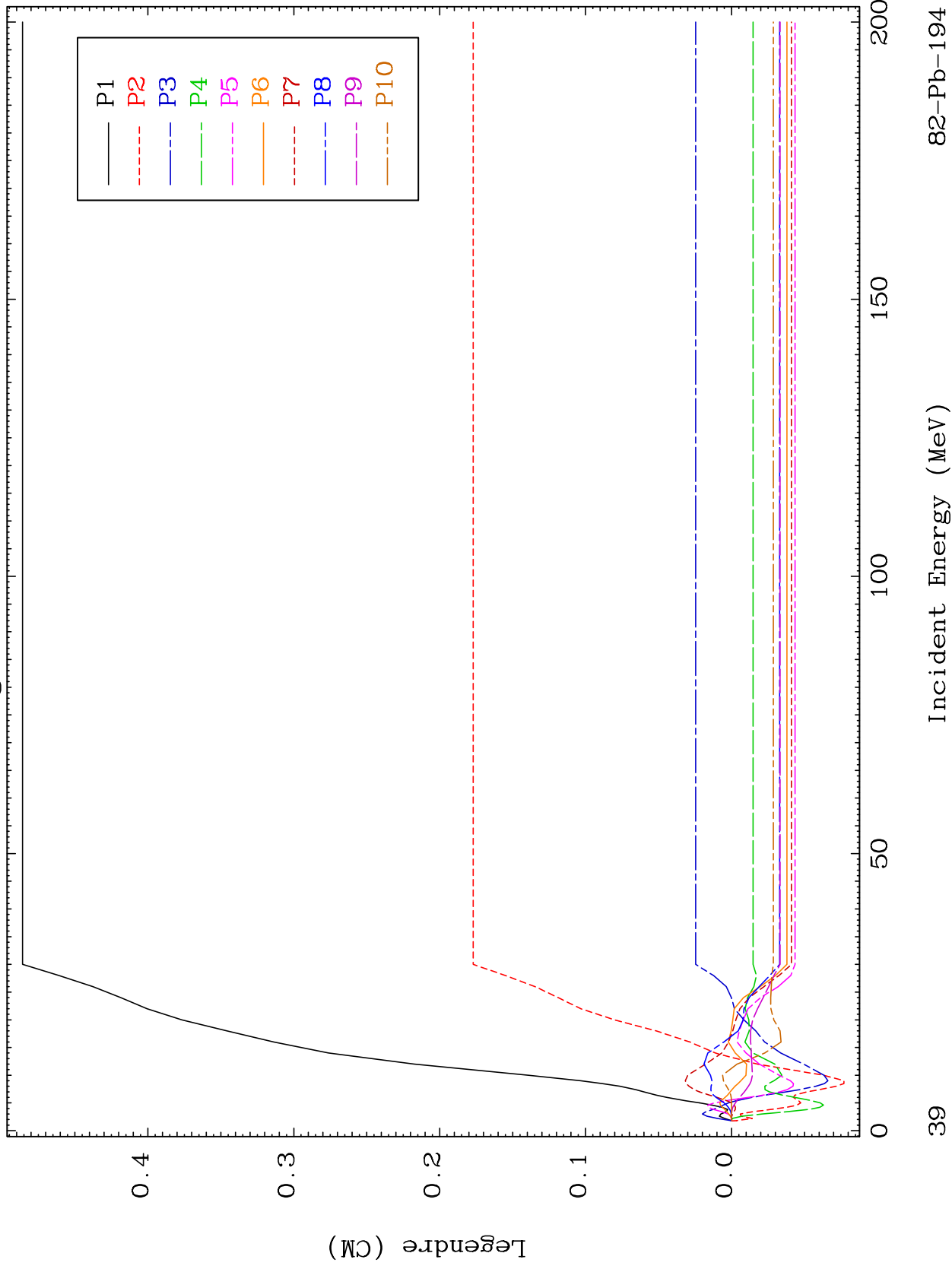
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

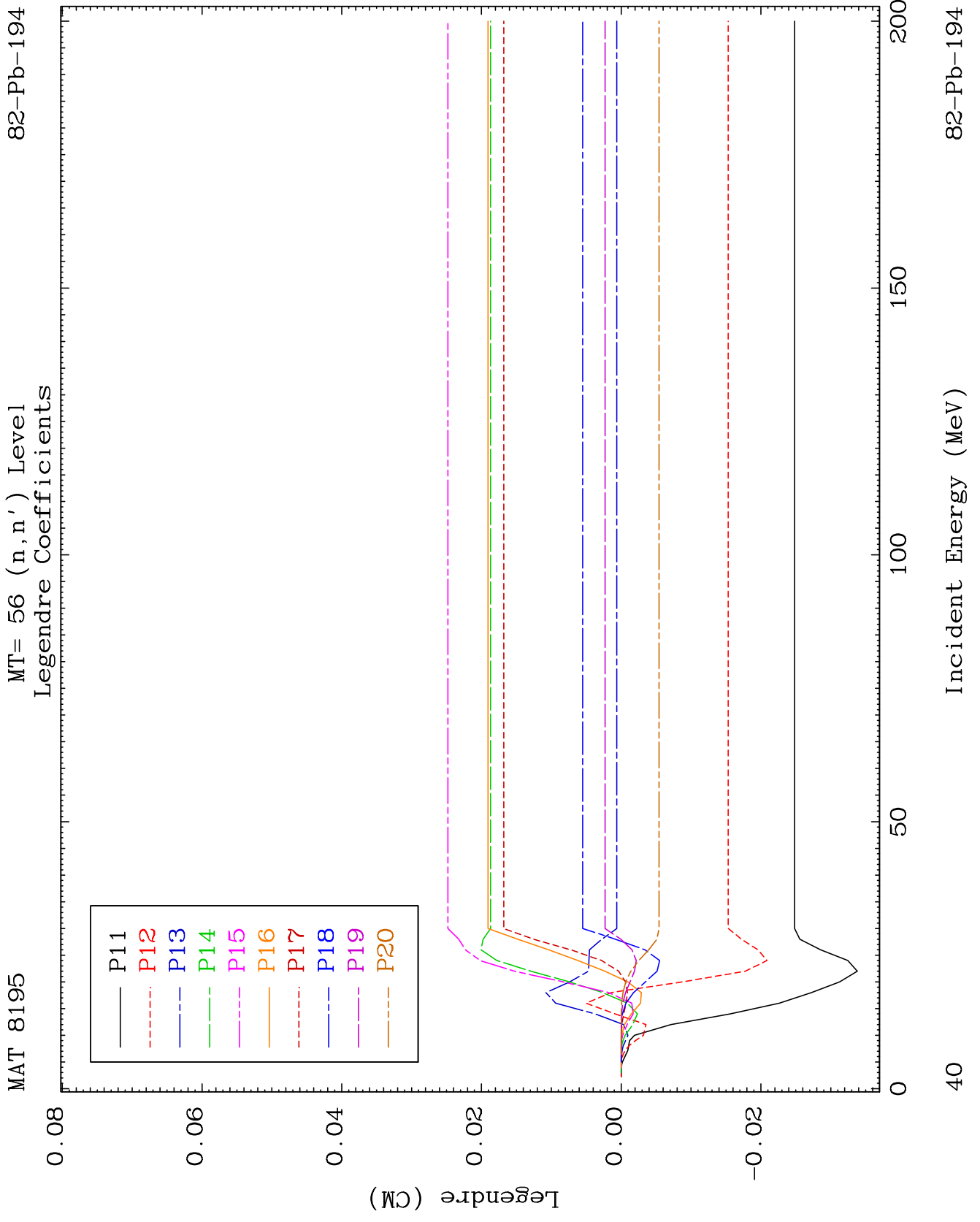
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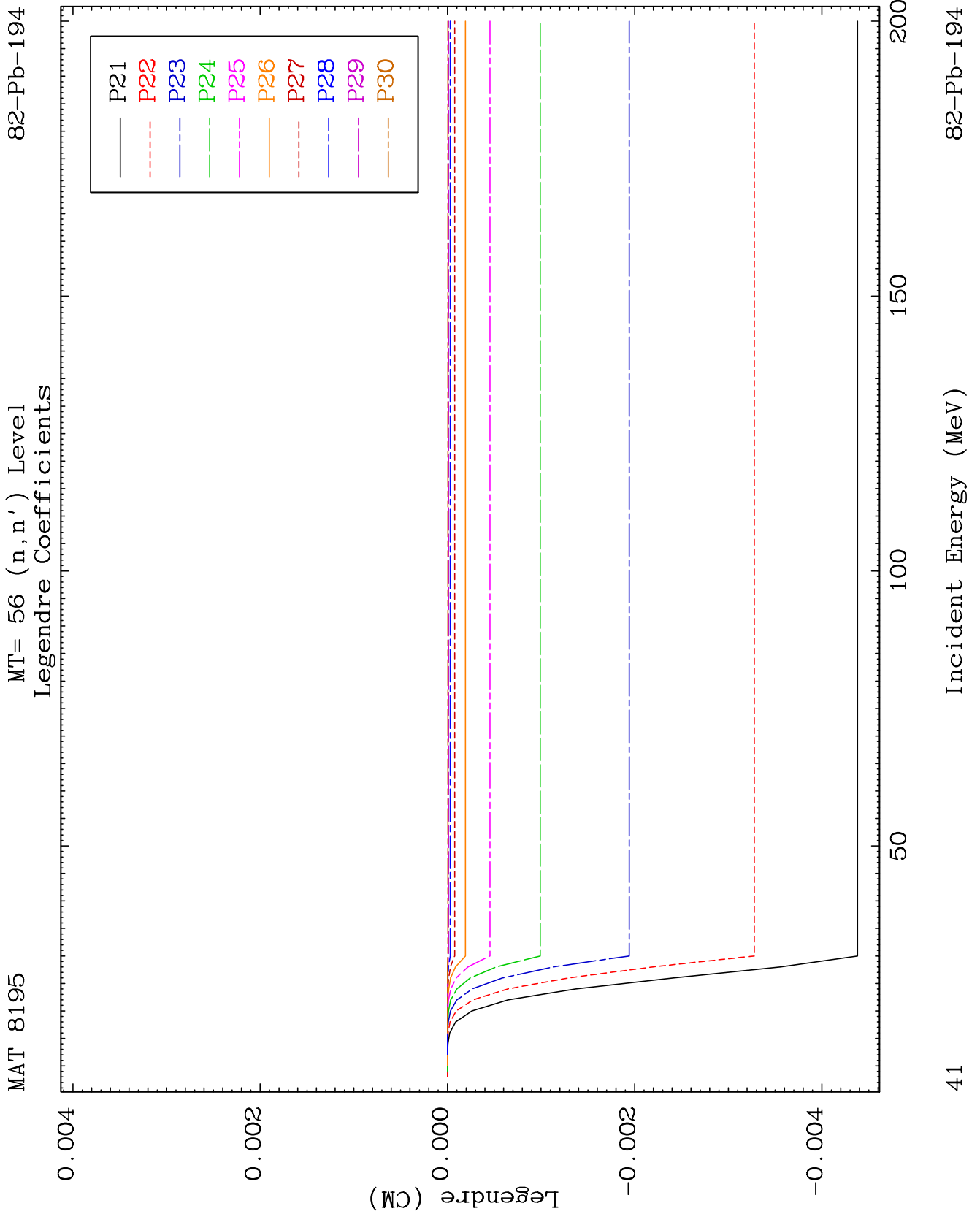


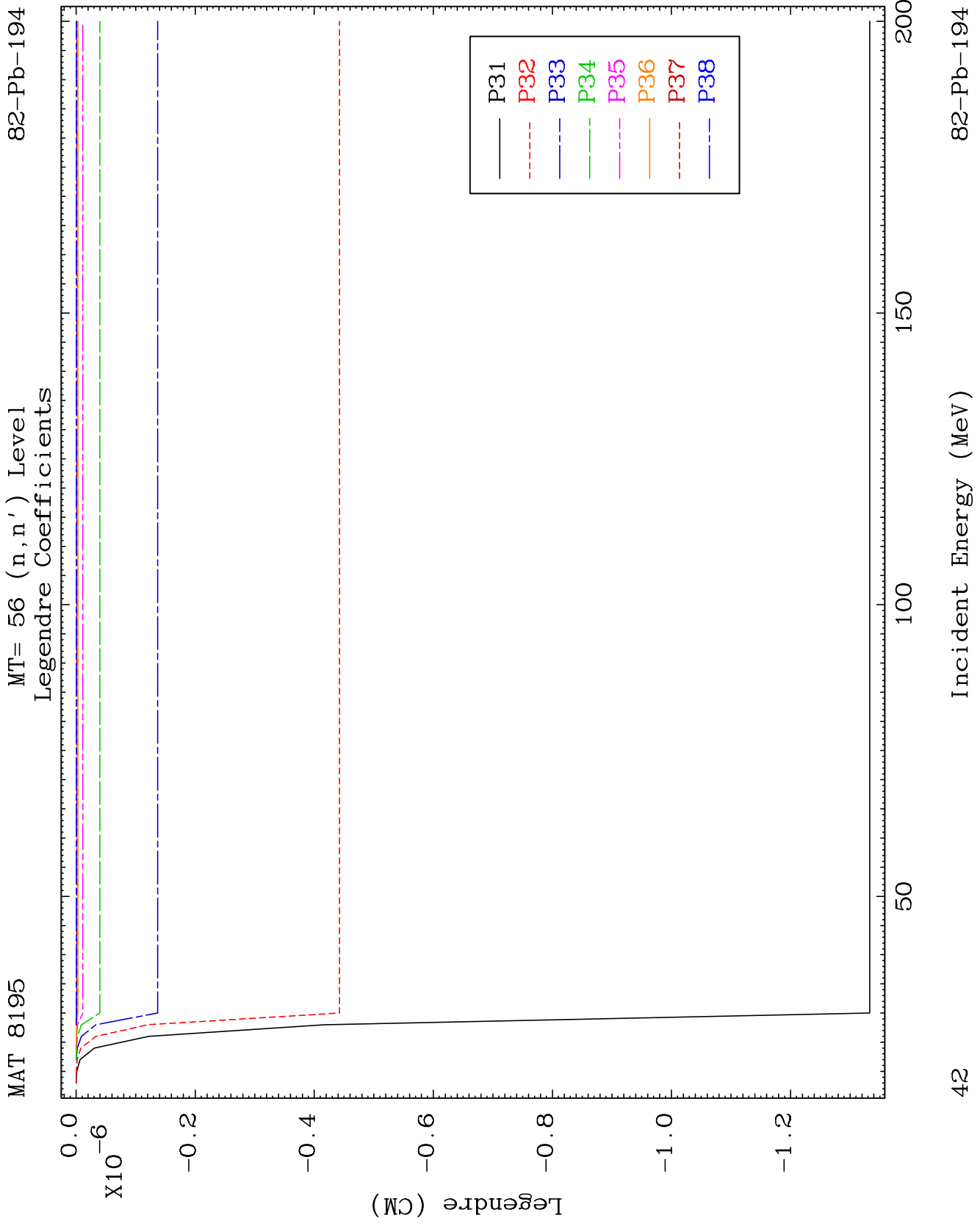
82-Pb-194

Incident Energy (MeV)

39





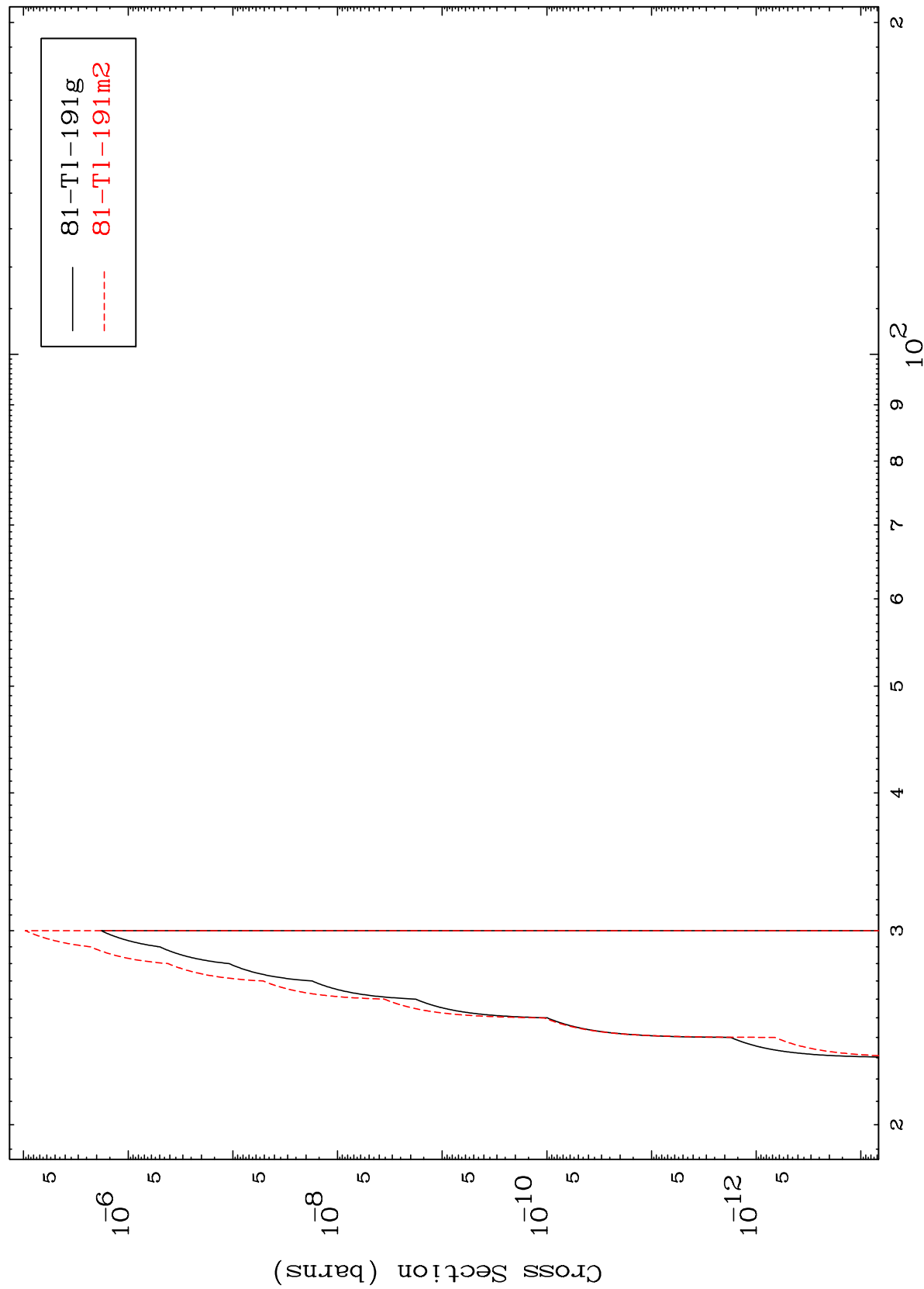


MAT 8195

(n,2n) d

82-Pb-194

Radionuclide Production Cross Section



43

Incident Energy (MeV)

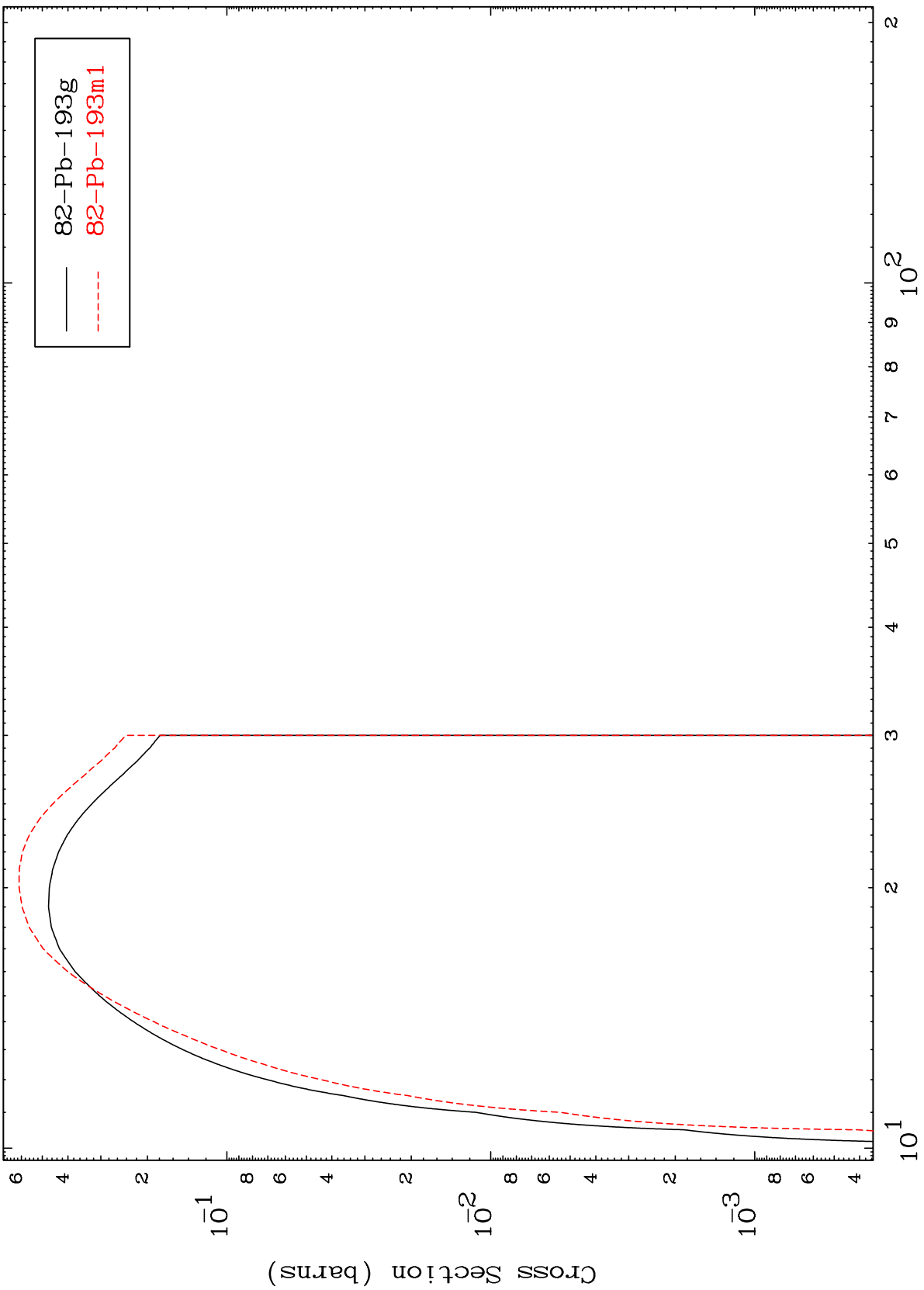
82-Pb-194

MAT 8195

82-Pb-194

(n,2n)

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

82-Pb-194

Incident Energy (MeV)

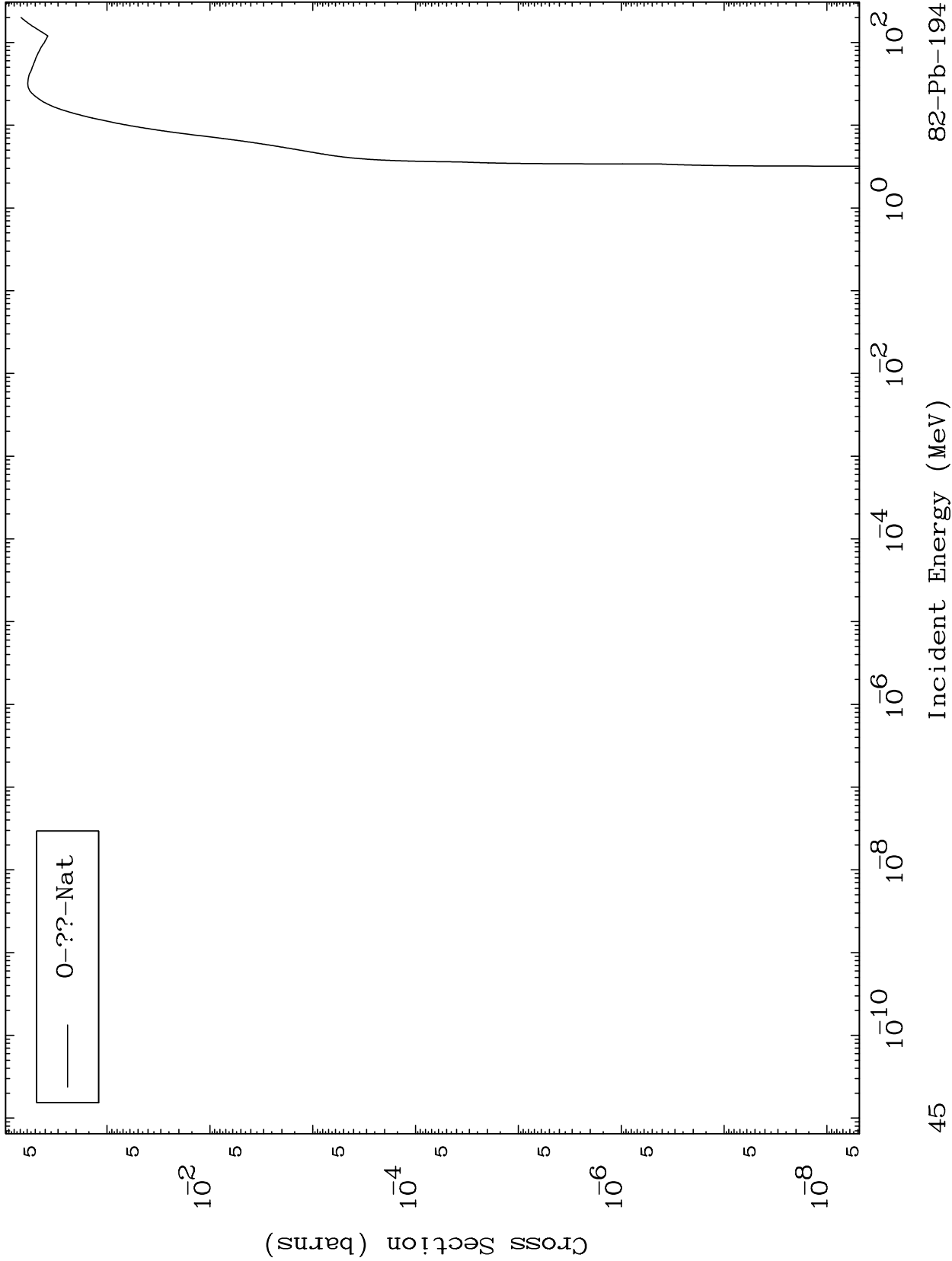
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MAT 8195

Fission

82-Pb-194

Radionuclide Production Cross Section



45

Incident Energy (MeV)

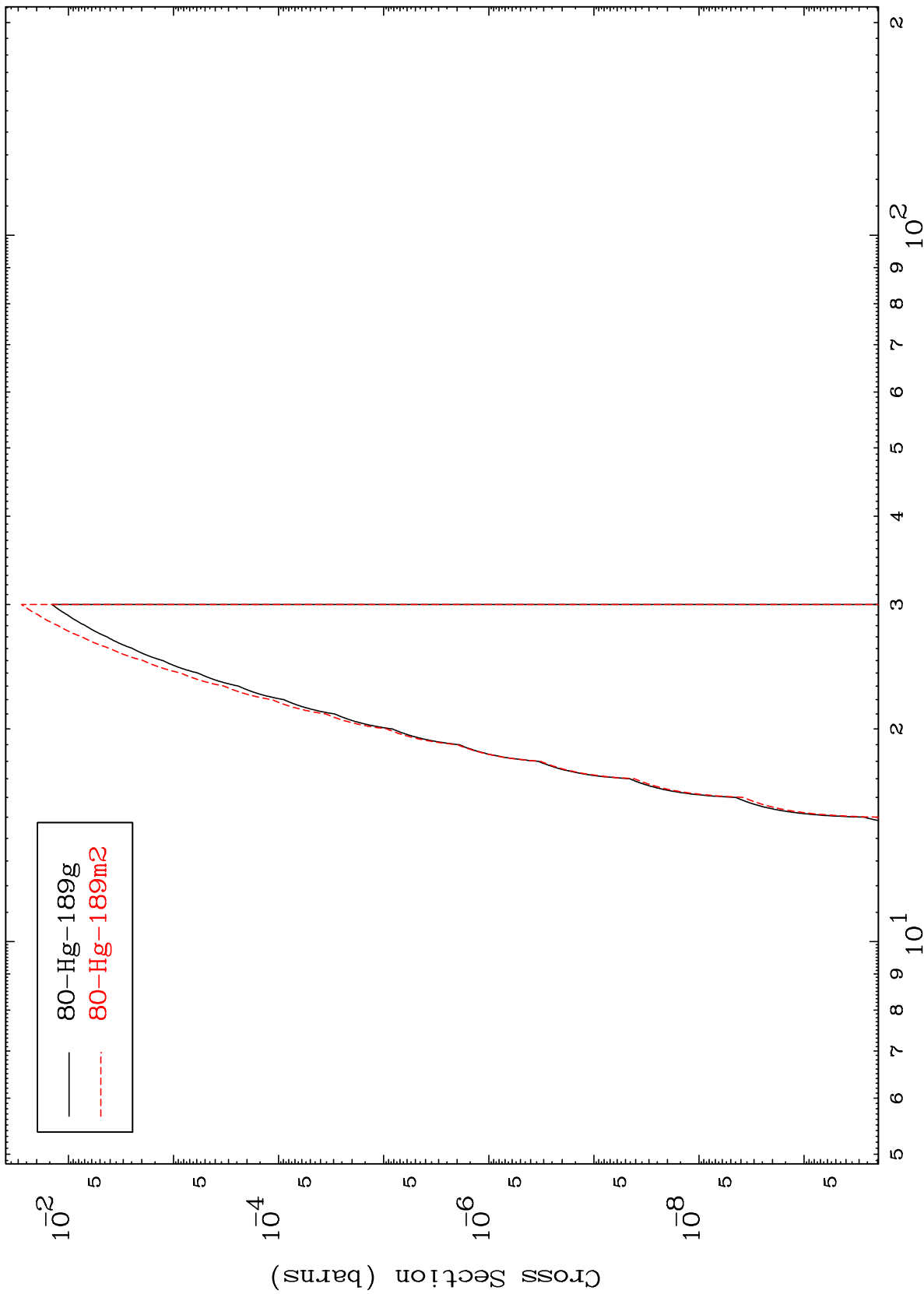
82-Pb-194

MAT 8195

(n,2n) α

82-Pb-194

Radionuclide Production Cross Section



46

Incident Energy (MeV)

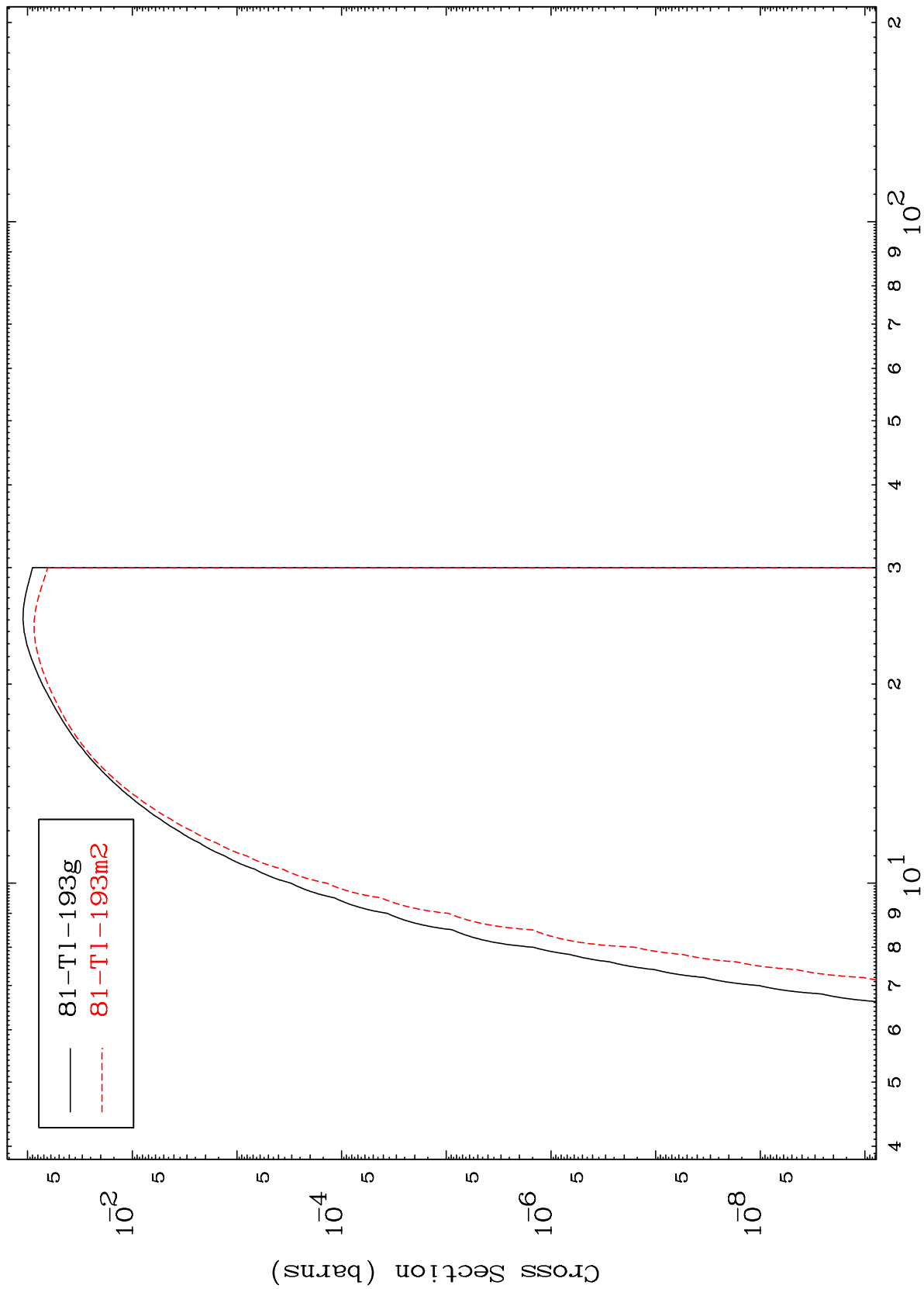
82-Pb-194

MAT 8195

(n,n') p

82-Pb-194

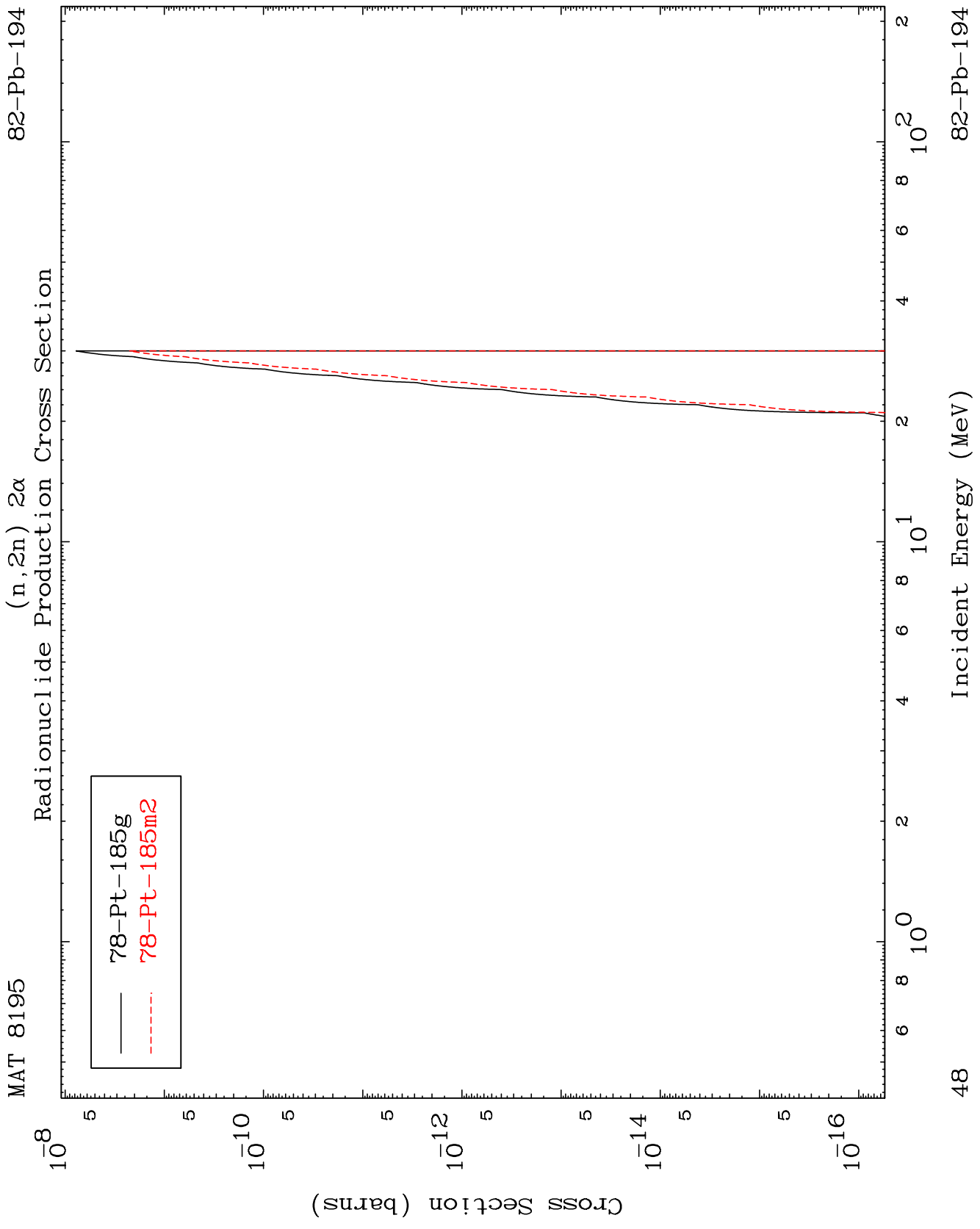
Radionuclide Production Cross Section



47

Incident Energy (MeV)

82-Pb-194

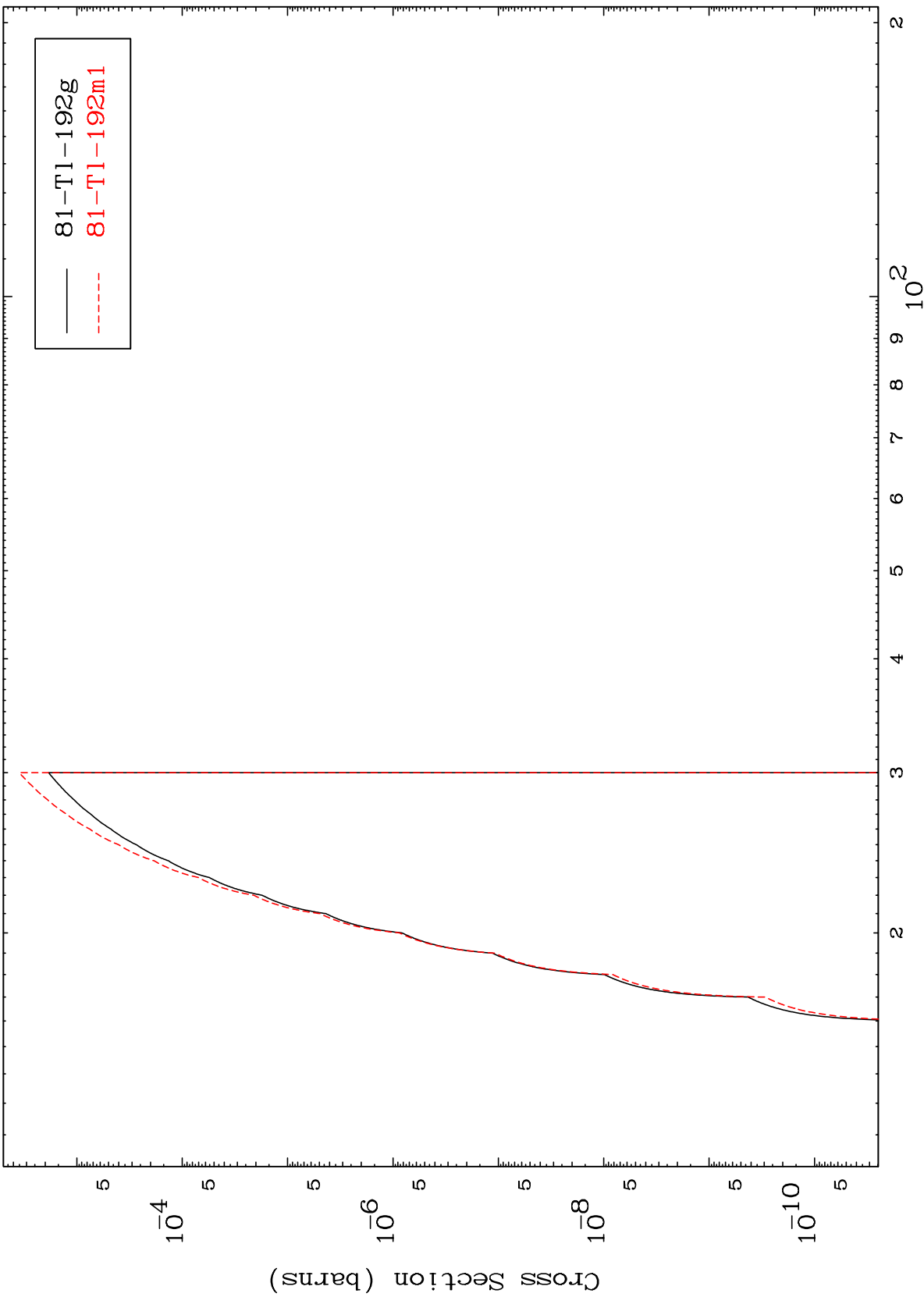


MAT 8195

(n,n') d

82-Pb-194

Radionuclide Production Cross Section



49

Incident Energy (MeV)

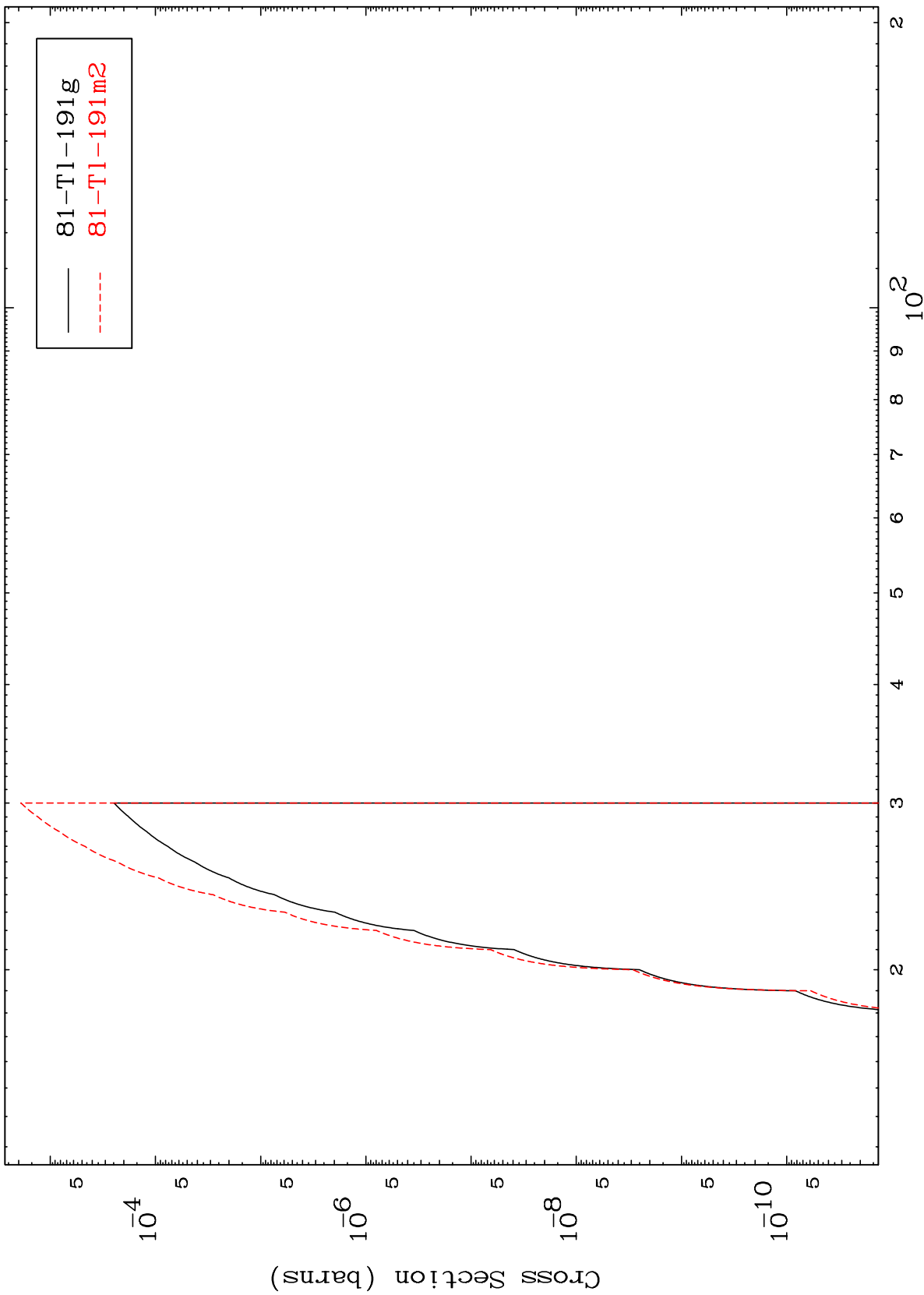
82-Pb-194

MAT 8195

(n,n') t

82-Pb-194

Radionuclide Production Cross Section



50

Incident Energy (MeV)

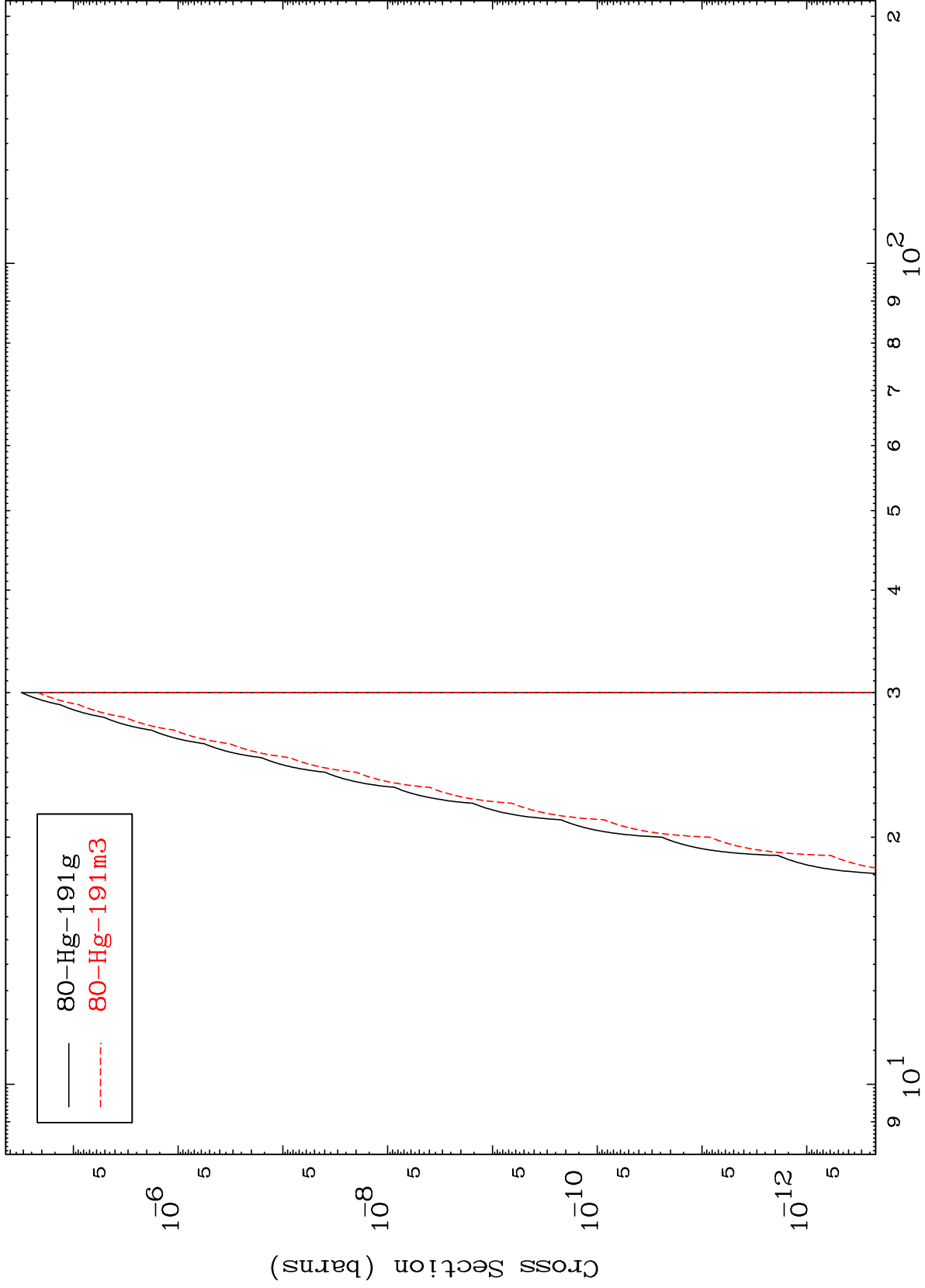
82-Pb-194

MAT 8195

(n,n') He-3

82-Pb-194

Radionuclide Production Cross Section



51

Incident Energy (MeV)

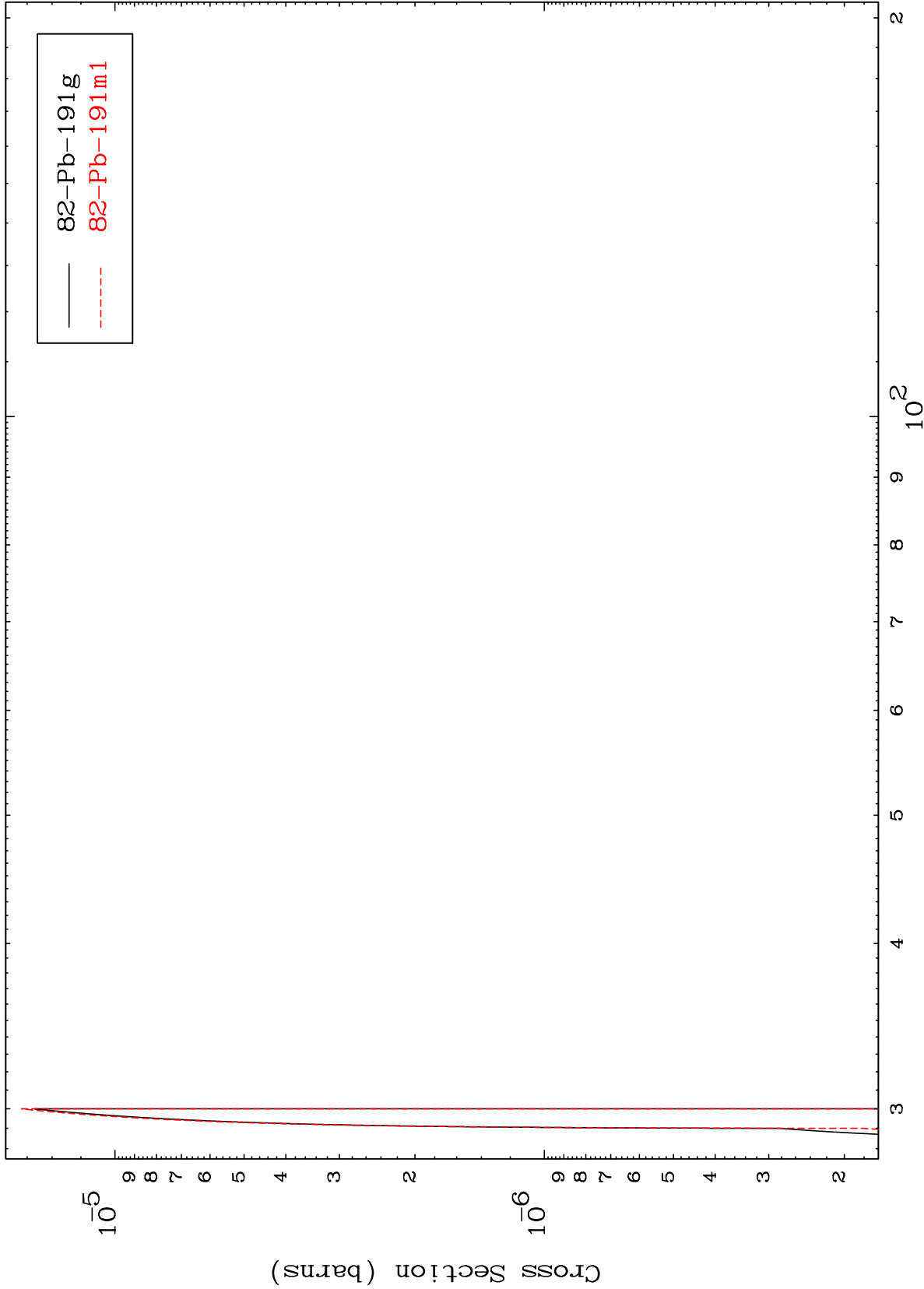
82-Pb-194

MAT 8195

(n,4n)

82-Pb-194

Radionuclide Production Cross Section

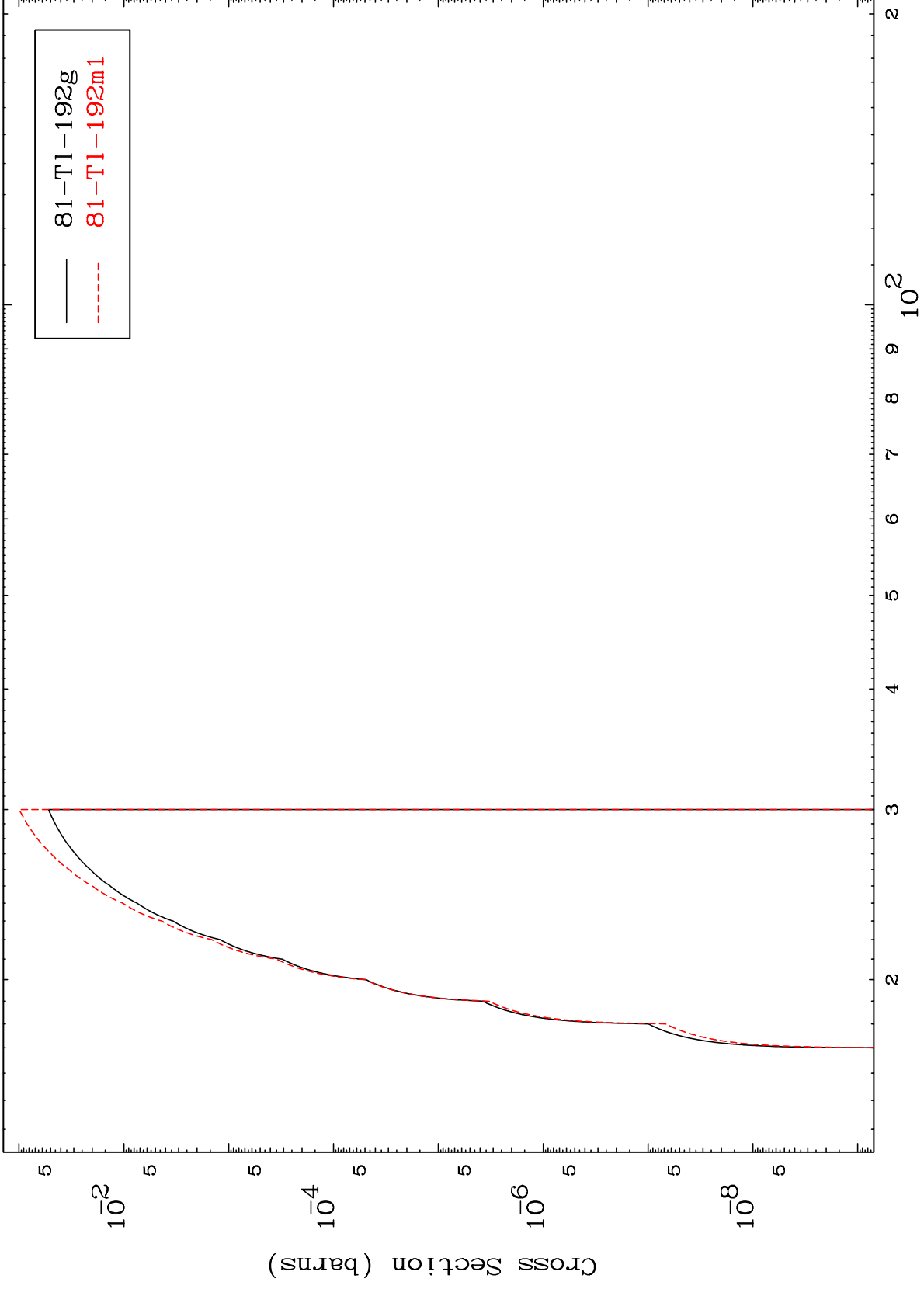


52

Incident Energy (MeV)

82-Pb-194

Radionuclide Production Cross Section

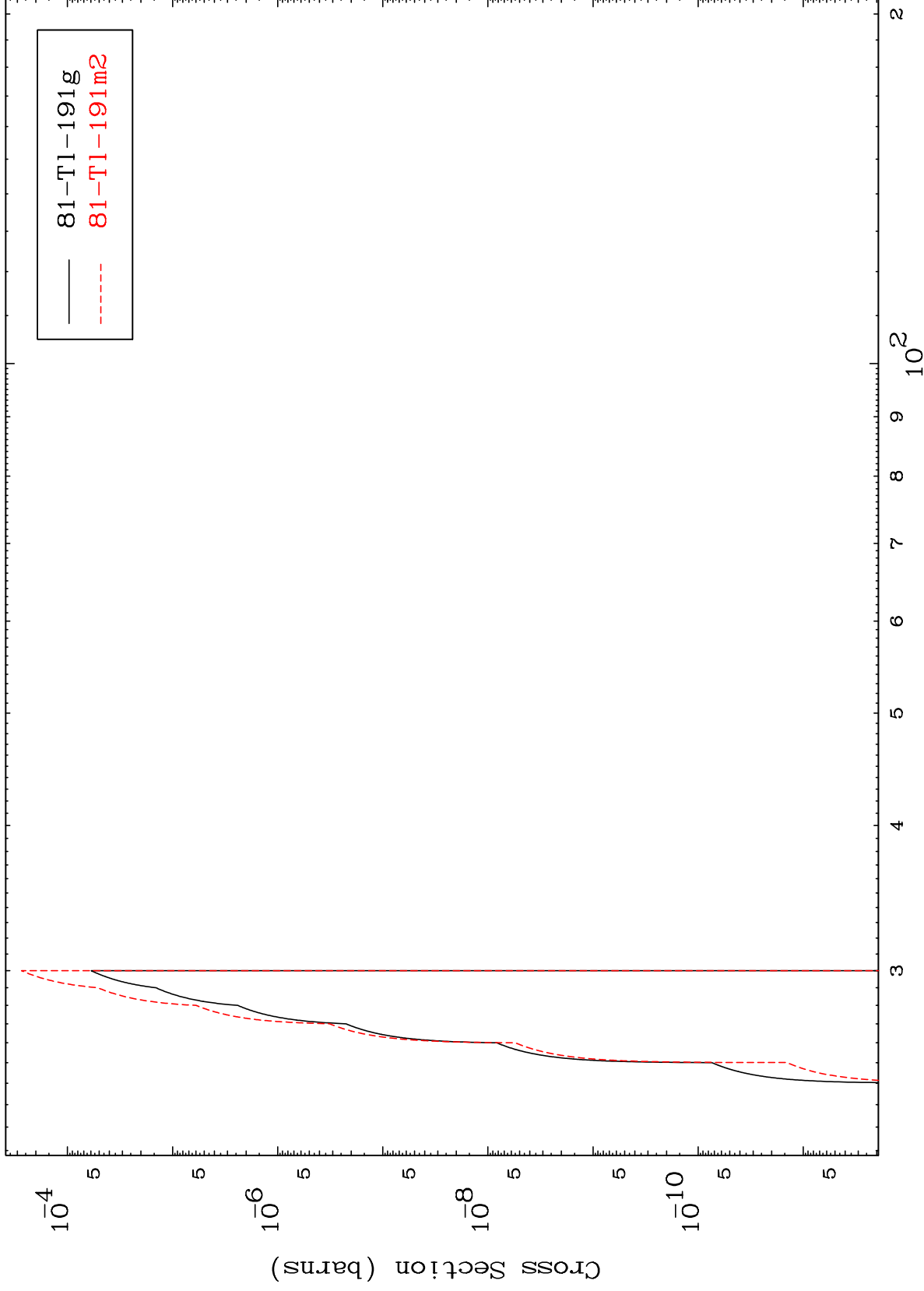


MAT 8195

(n,3n) p

82-Pb-194

Radionuclide Production Cross Section



54

Incident Energy (MeV)

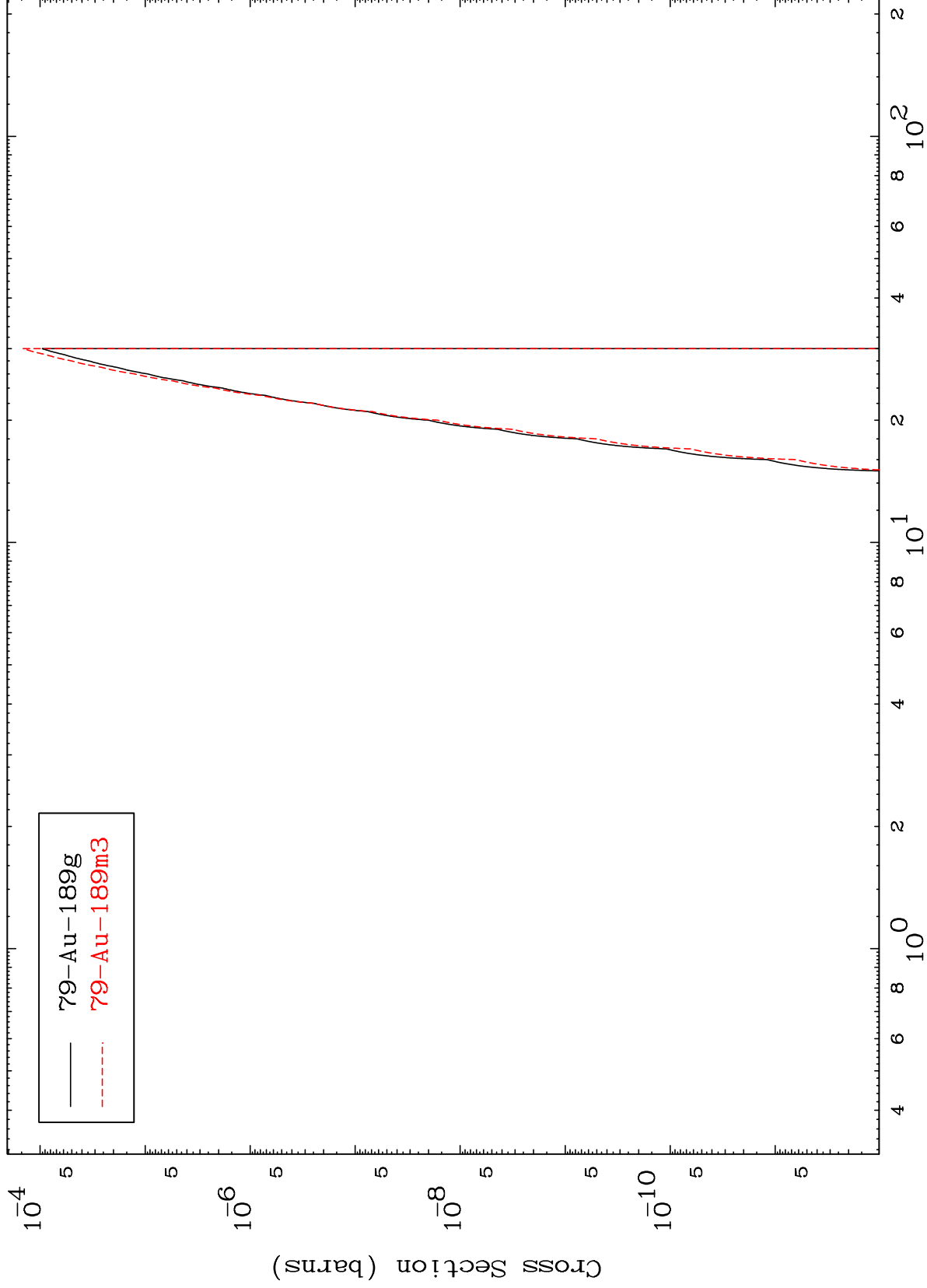
82-Pb-194

MAT 8195

(n,n') p α

82-Pb-194

Radionuclide Production Cross Section



55

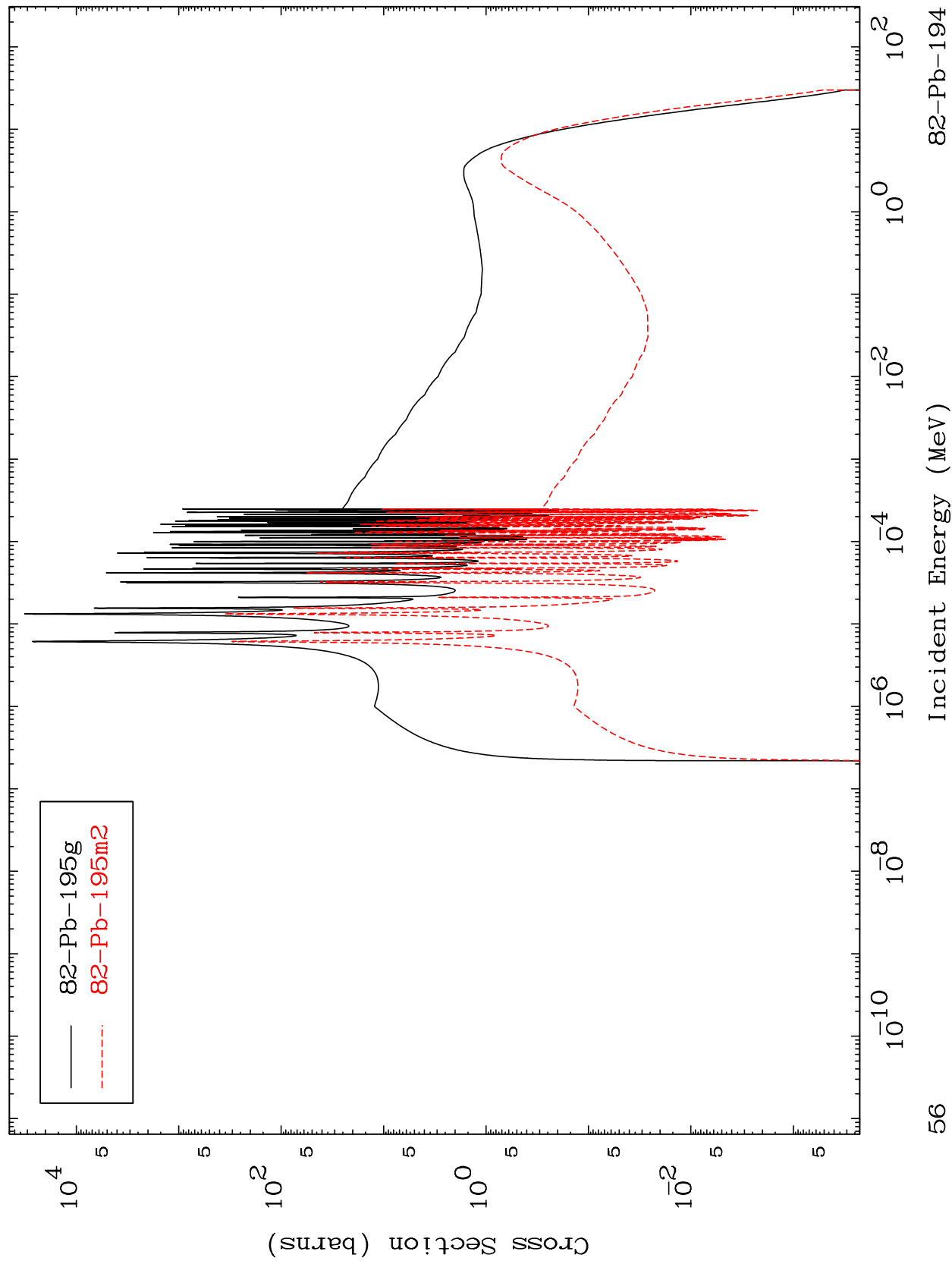
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

(n, γ)
Radionuclide Production Cross Section



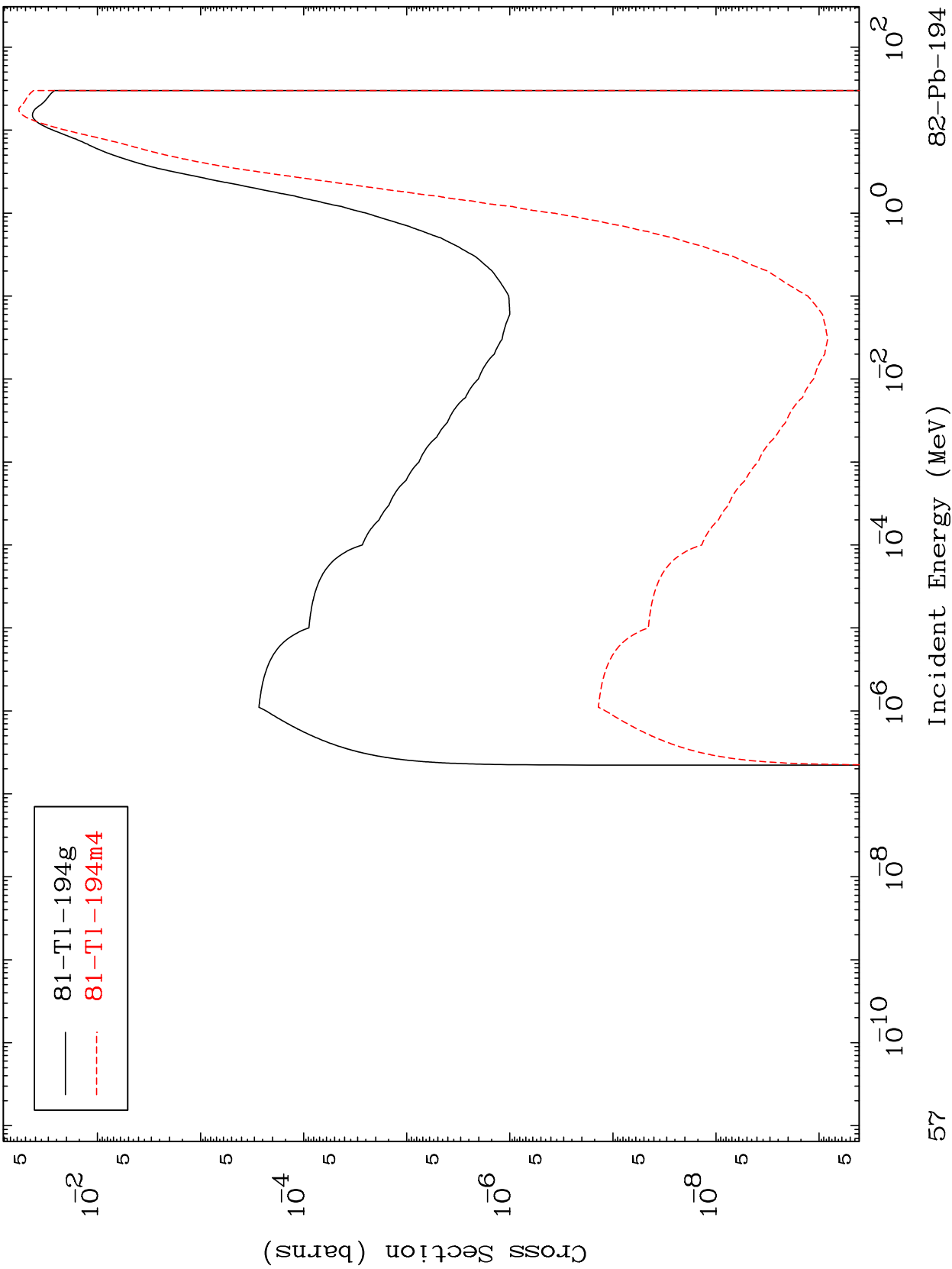
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82-Pb-194

MAT 8195

82-Pb-194

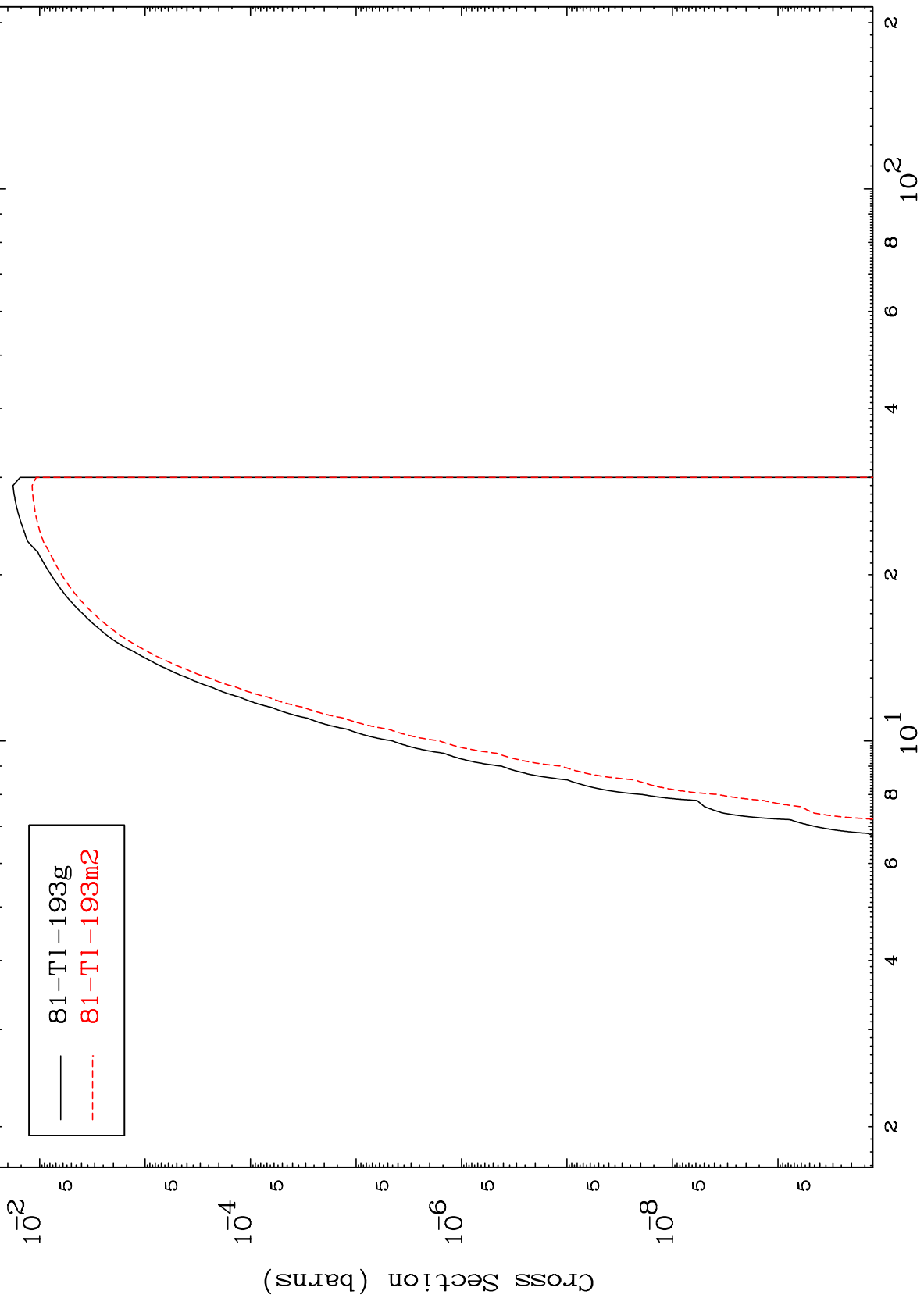
(n,p)
Radionuclide Production Cross Section



MAT 8195

82-Pb-194

(n,d)
Radionuclide Production Cross Section



— 81-Tl-193g
- - - 81-Tl-193m2

58

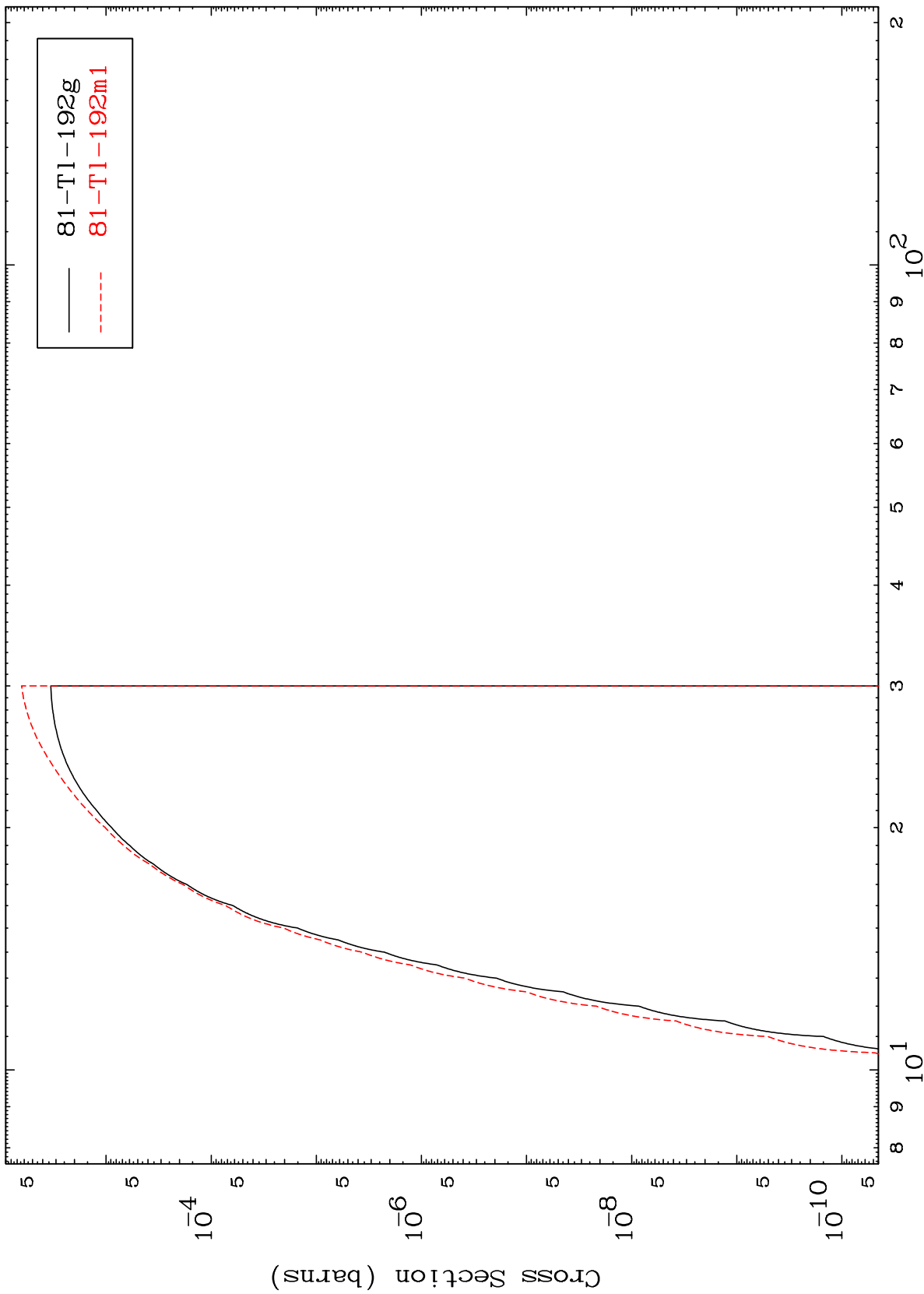
82-Pb-194

Incident Energy (MeV)

MAT 8195

82-Pb-194

(n, t)
Radionuclide Production Cross Section



59

Incident Energy (MeV)

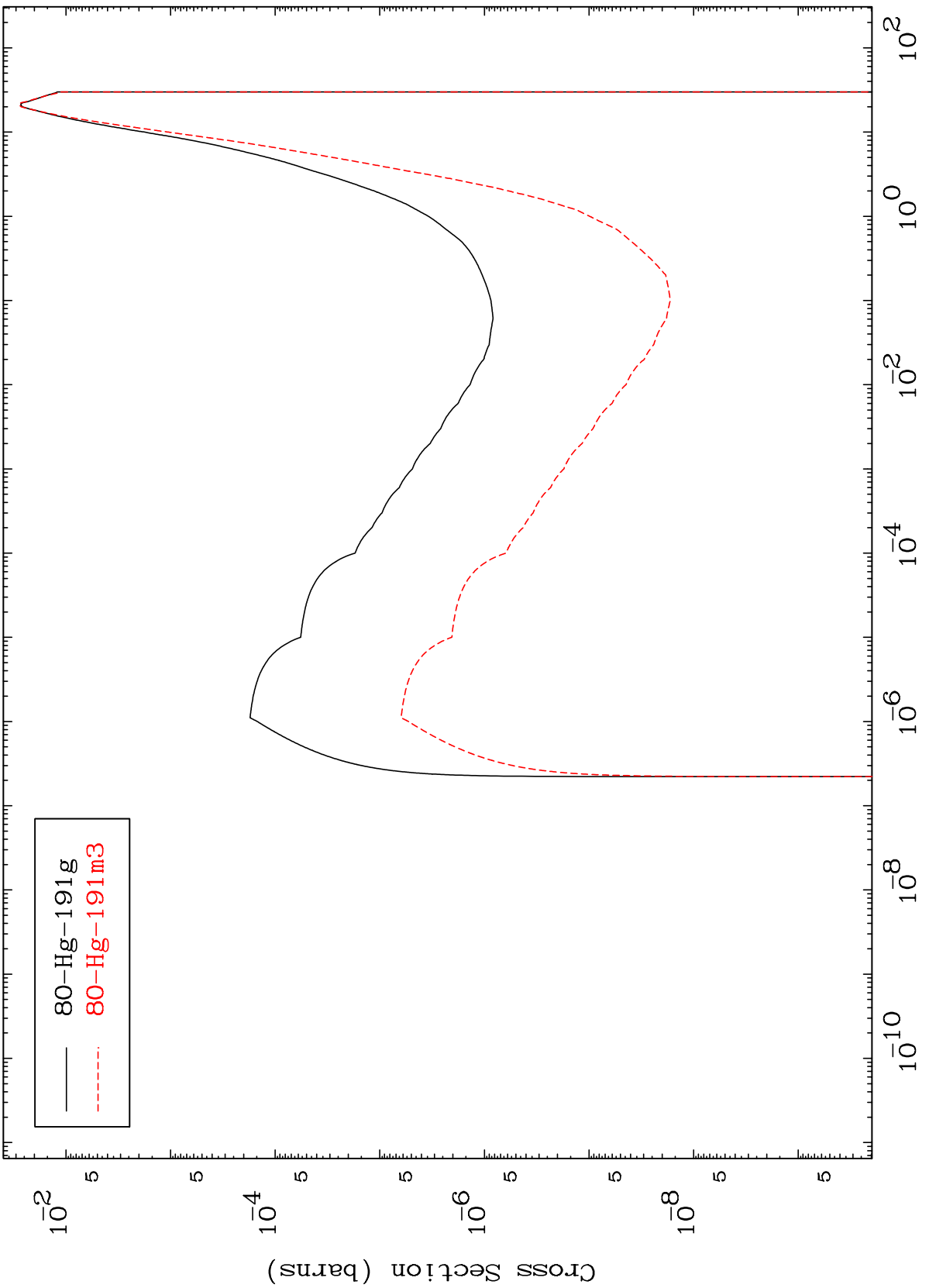
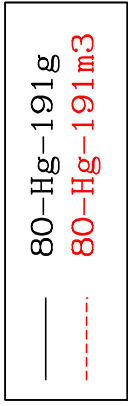
82-Pb-194

MAT 8195

(n, α)

82-Pb-194

Radionuclide Production Cross Section



60

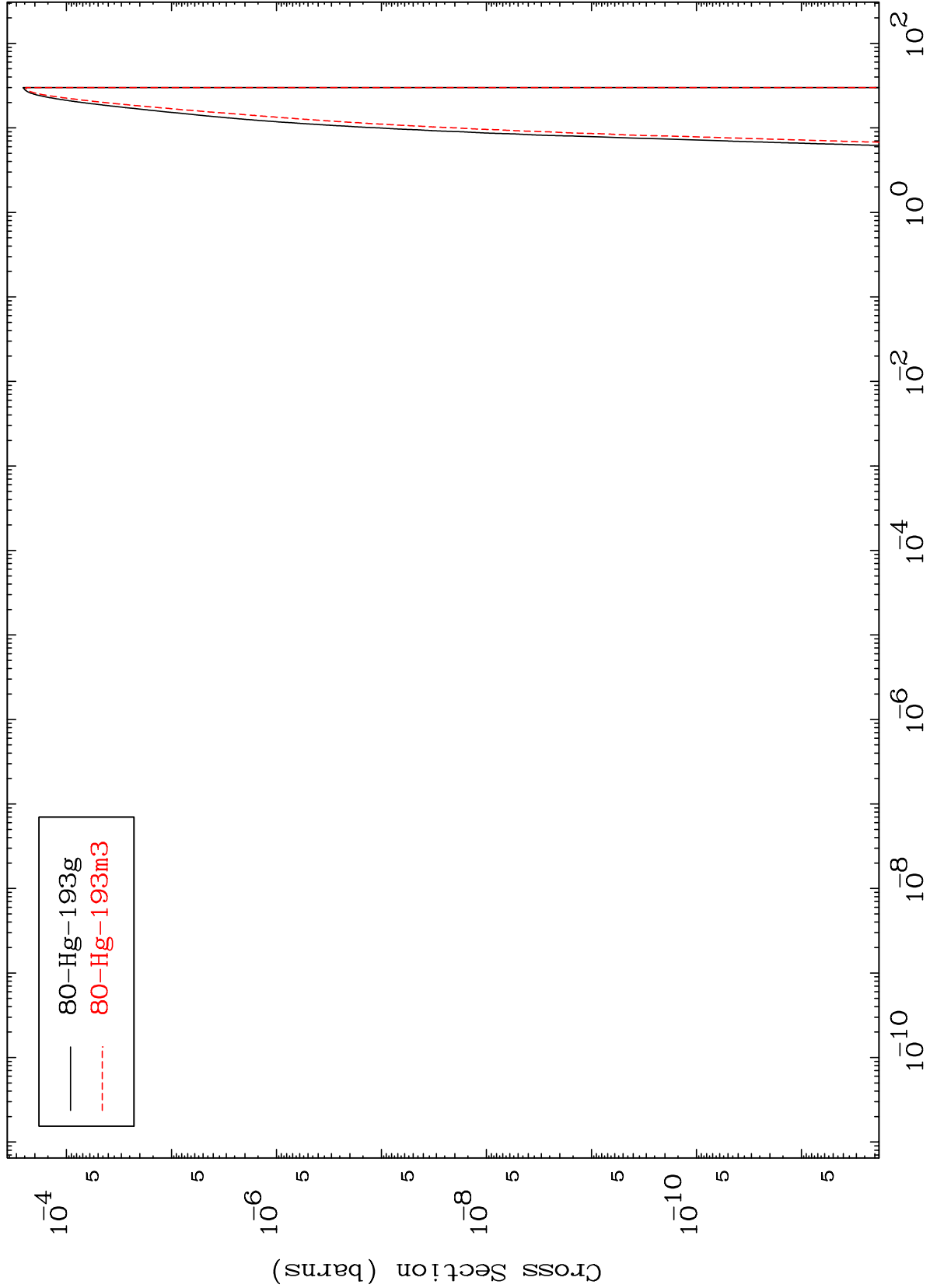
82-Pb-194

MAT 8195

(n,2p)

82-Pb-194

Radionuclide Production Cross Section



61

Incident Energy (MeV)

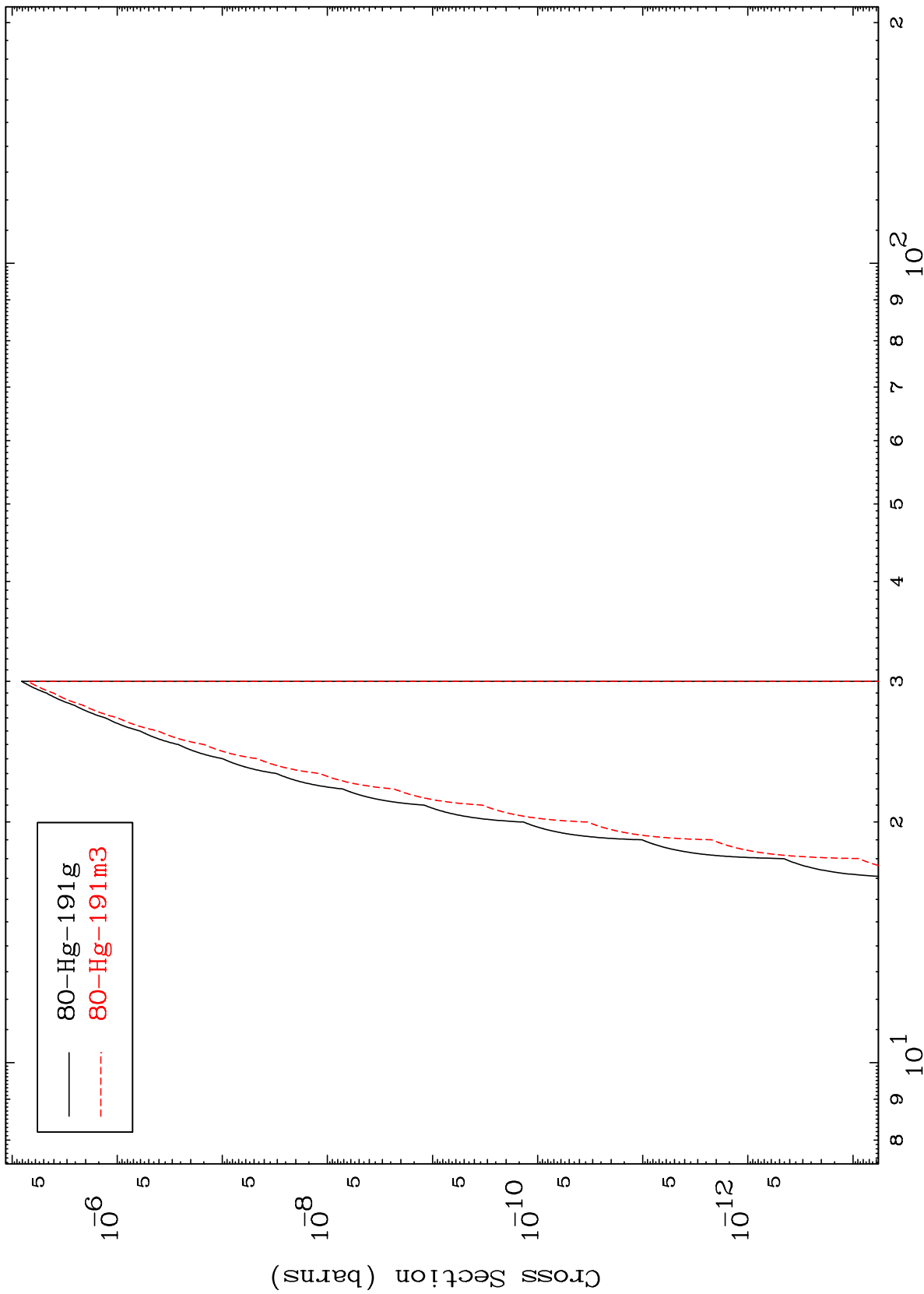
82-Pb-194

MAT 8195

(n,p) t

82-Pb-194

Radionuclide Production Cross Section



80-Hg-191g
80-Hg-191m3

62

Incident Energy (MeV)

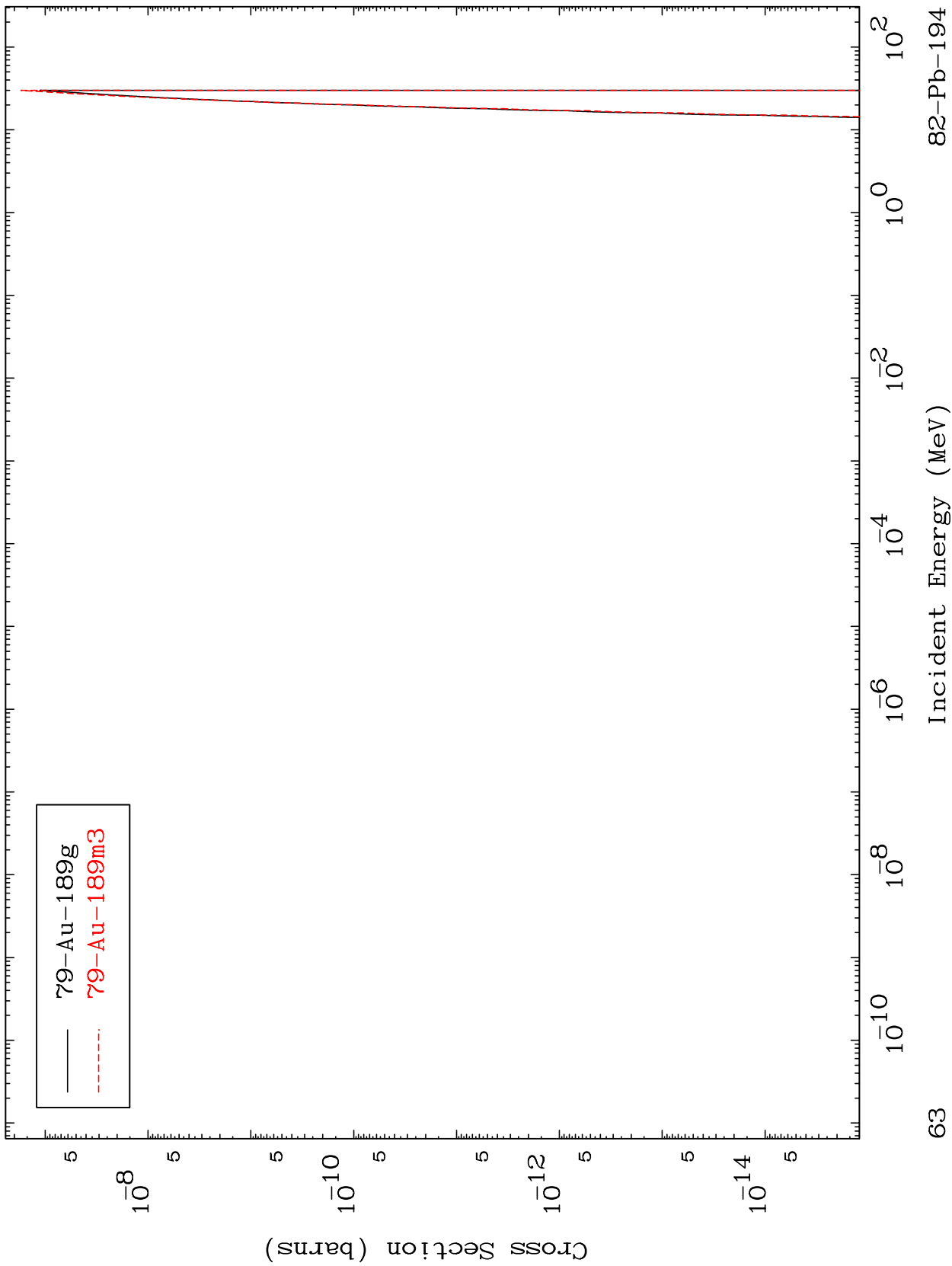
82-Pb-194

MAT 8195

(n,d) α

82-Pb-194

Radionuclide Production Cross Section



63

Incident Energy (MeV)

82-Pb-194