

Program EVALPLOT
(Version 2021-1)

by

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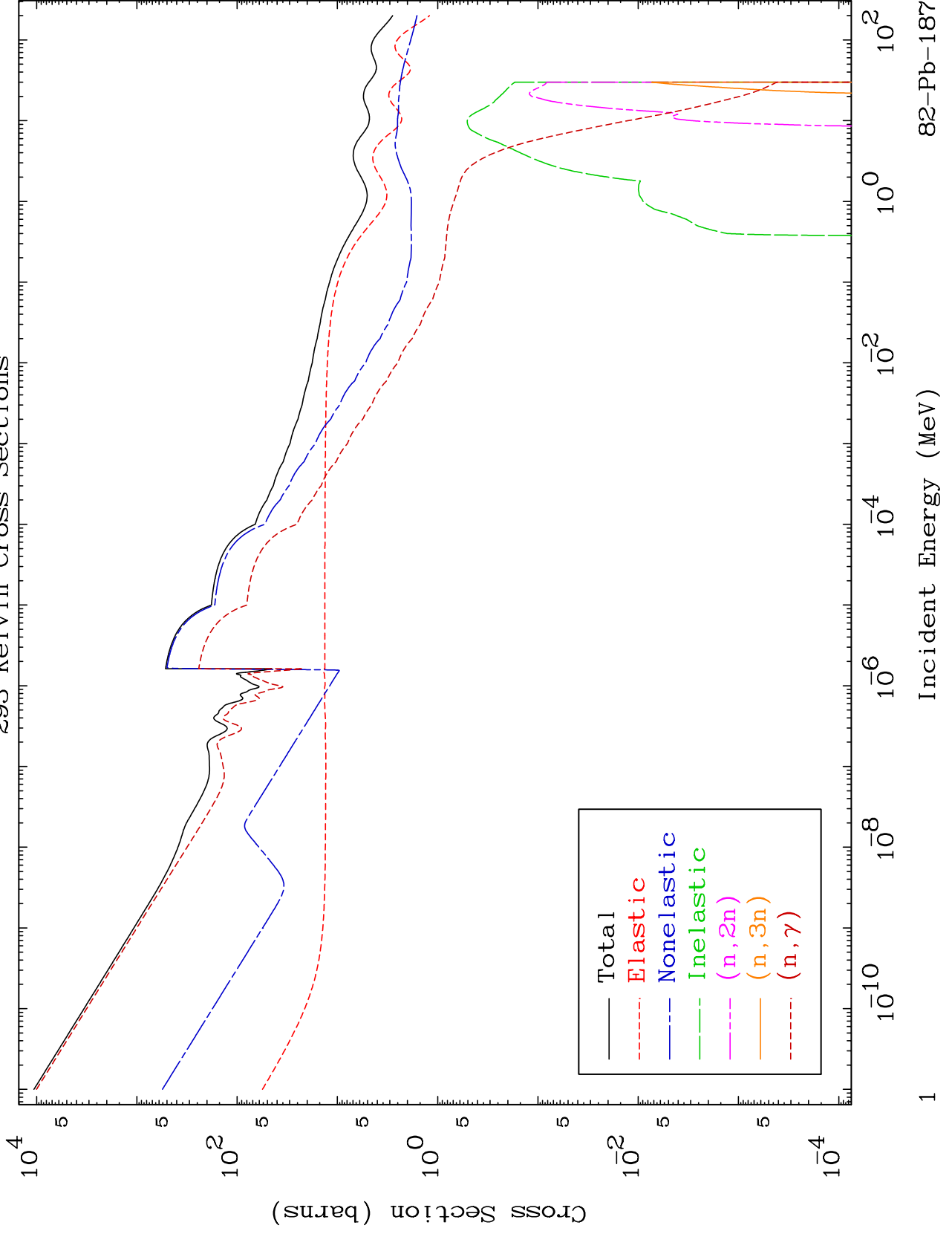
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8174

Neutron Major
293 Kelvin Cross Sections

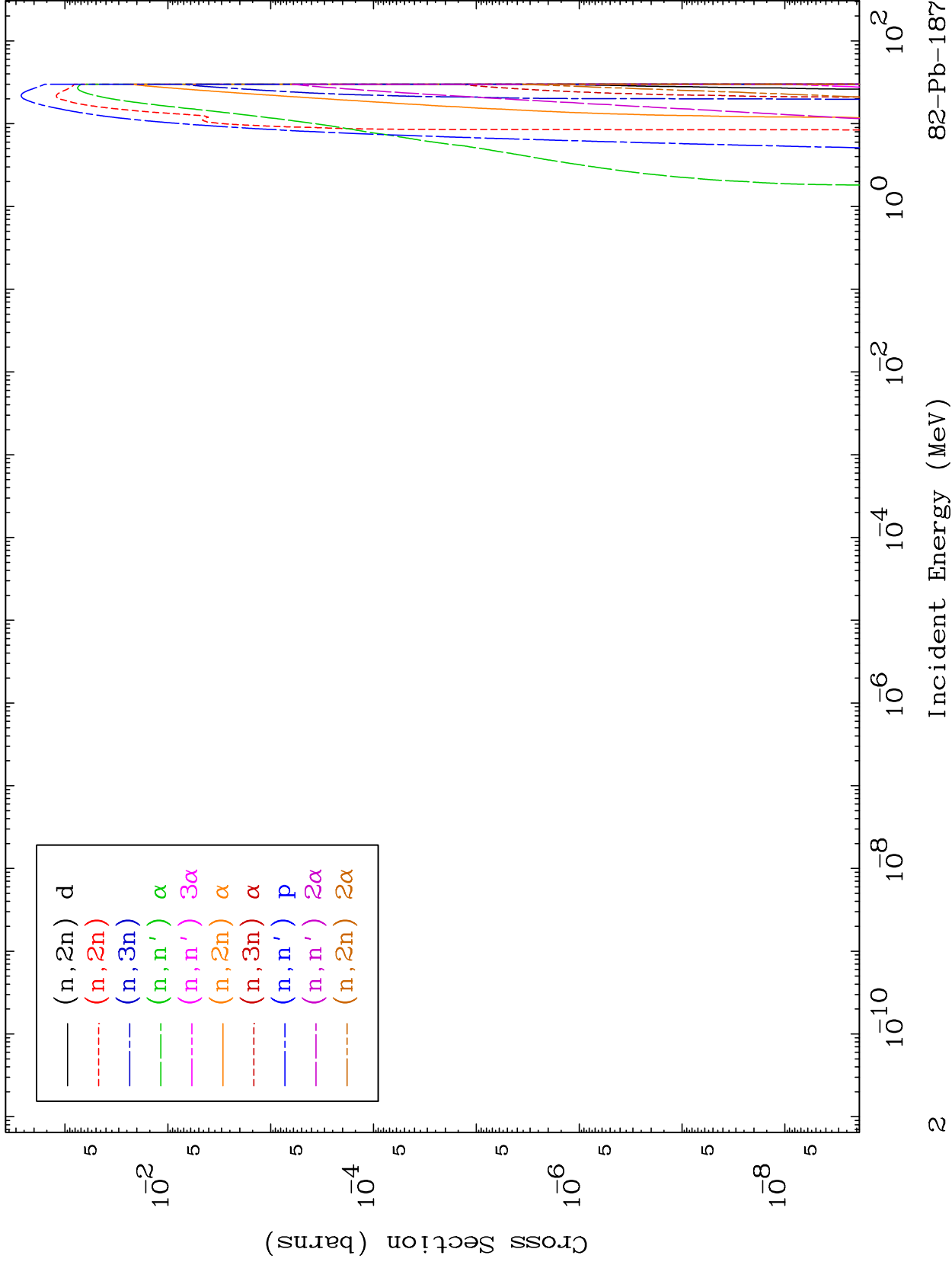
82-Pb-187



MAT 8174

Neutron Absorption
293 Kelvin Cross Sections

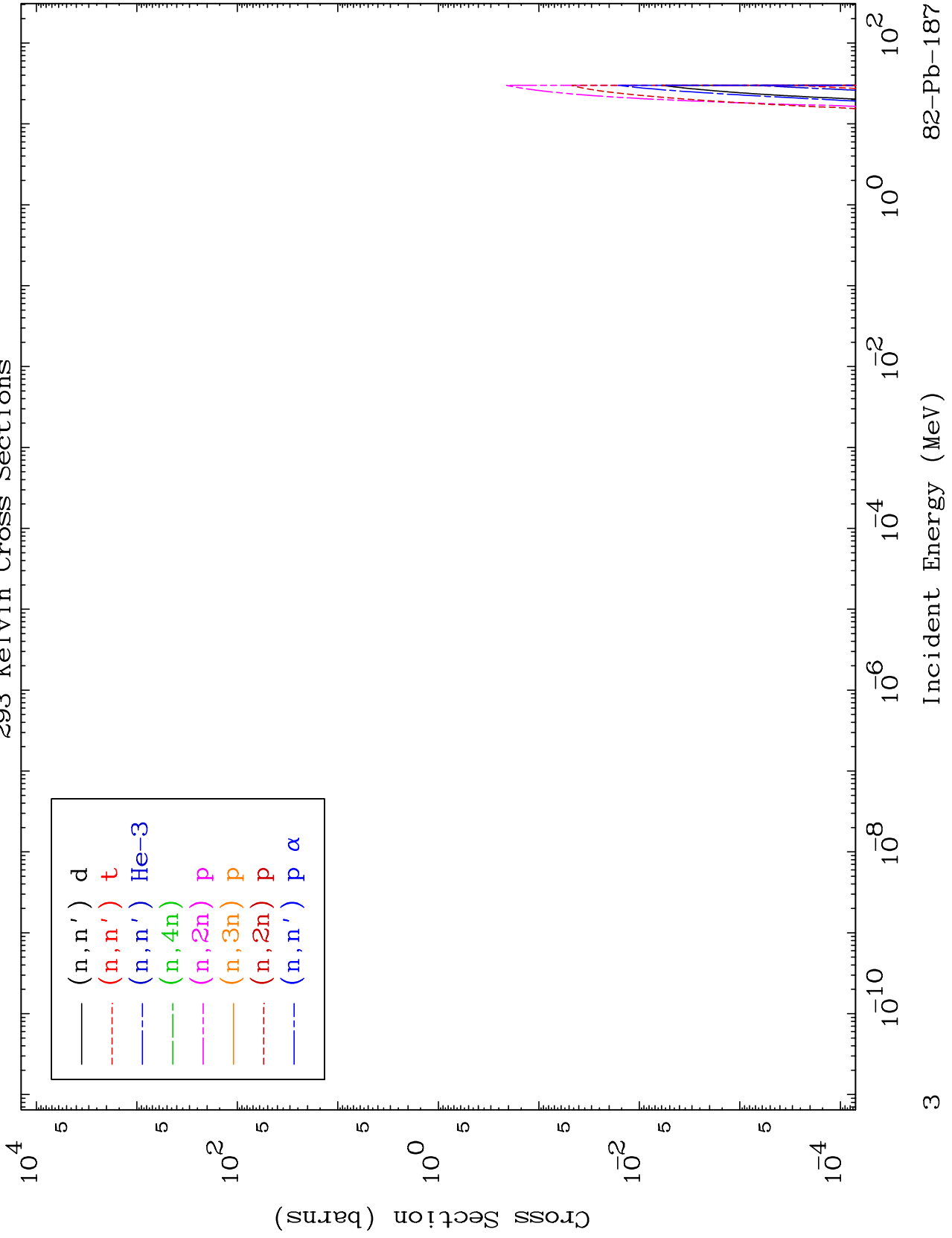
82-Pb-187



MAT 8174

Neutron Absorption
293 Kelvin Cross Sections

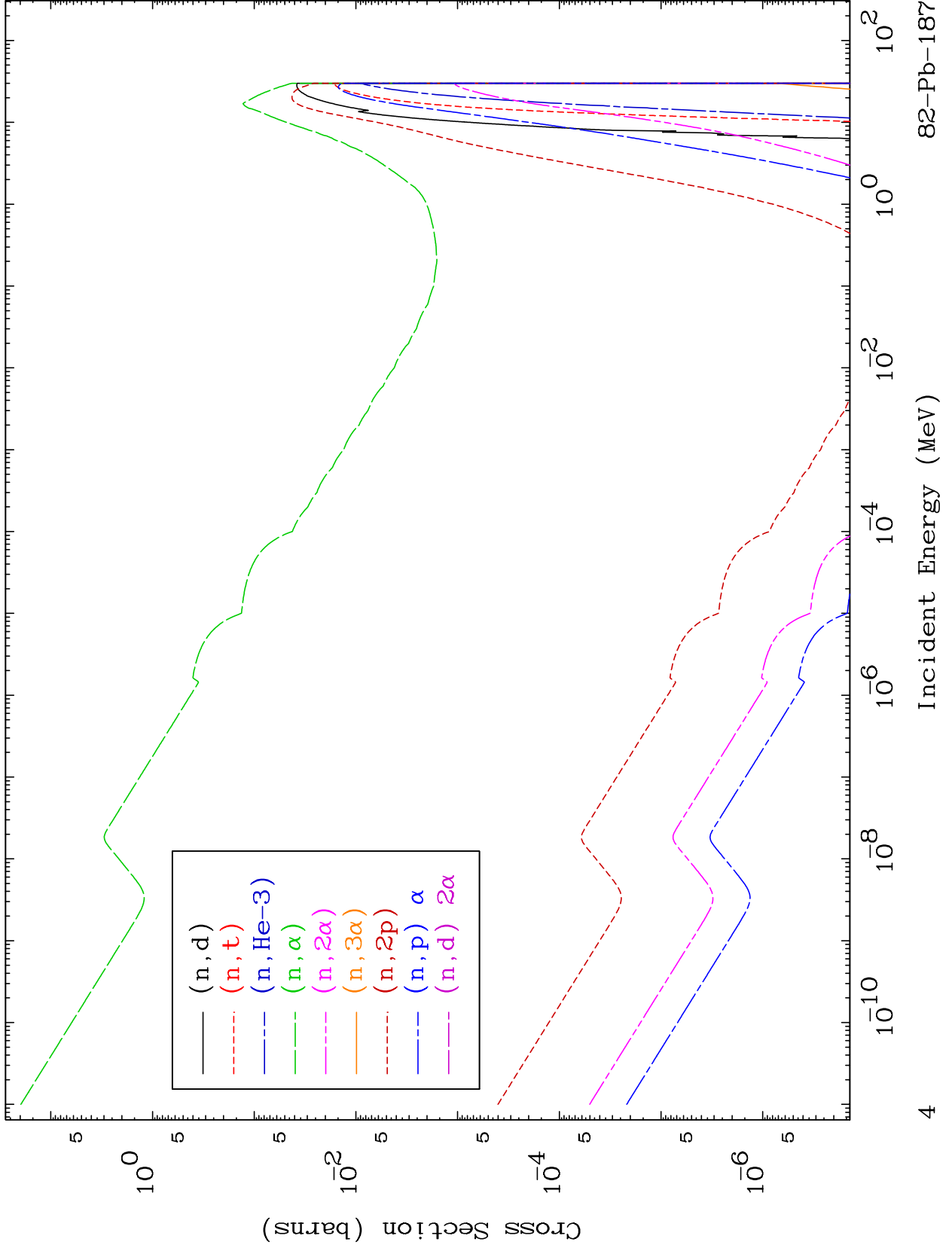
82-Pb-187



MAT 8174

Neutron Absorption
293 Kelvin Cross Sections

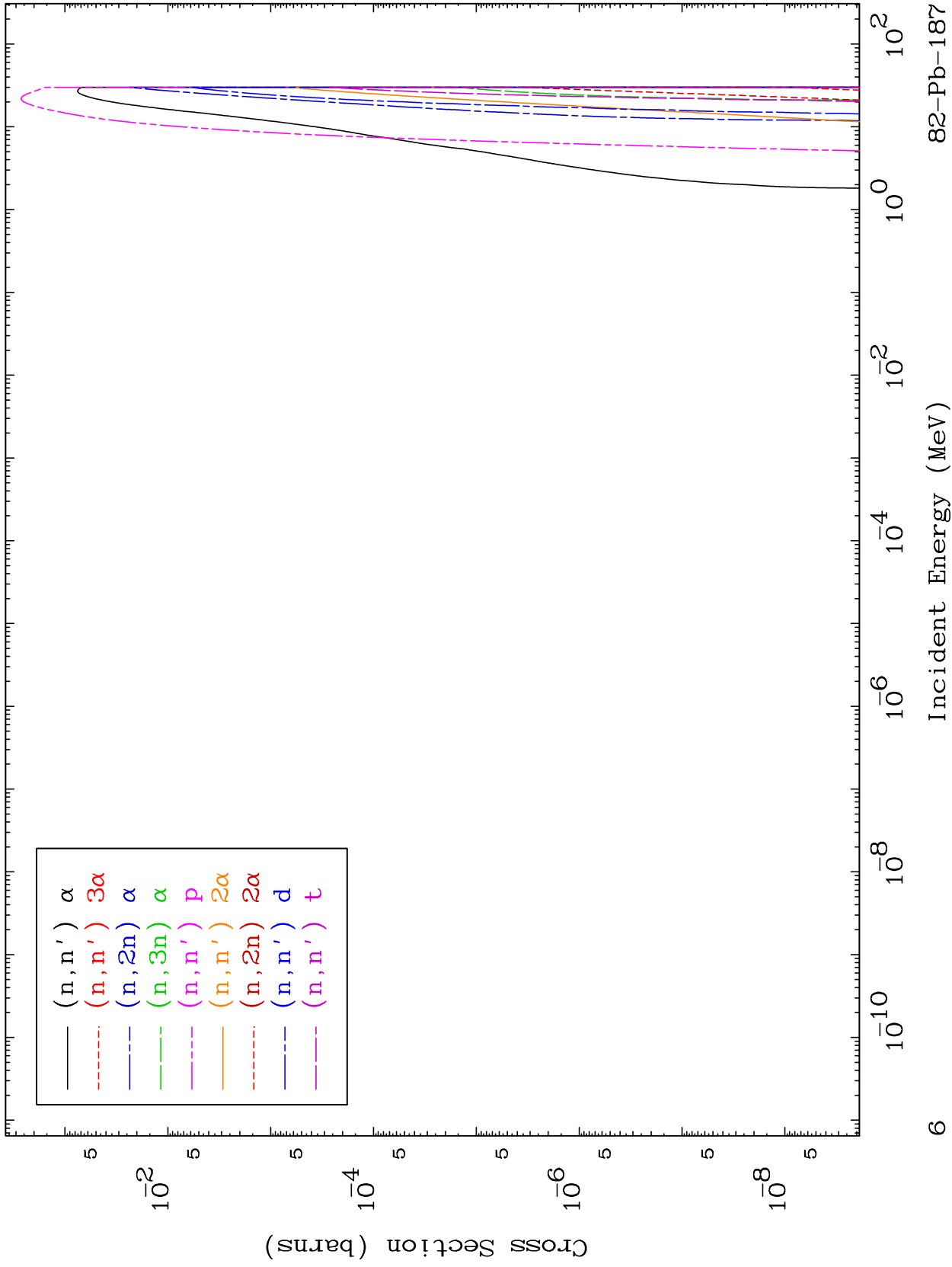
82-Pb-187



MAT 8174

Charged Particle
293 Kelvin Cross Sections

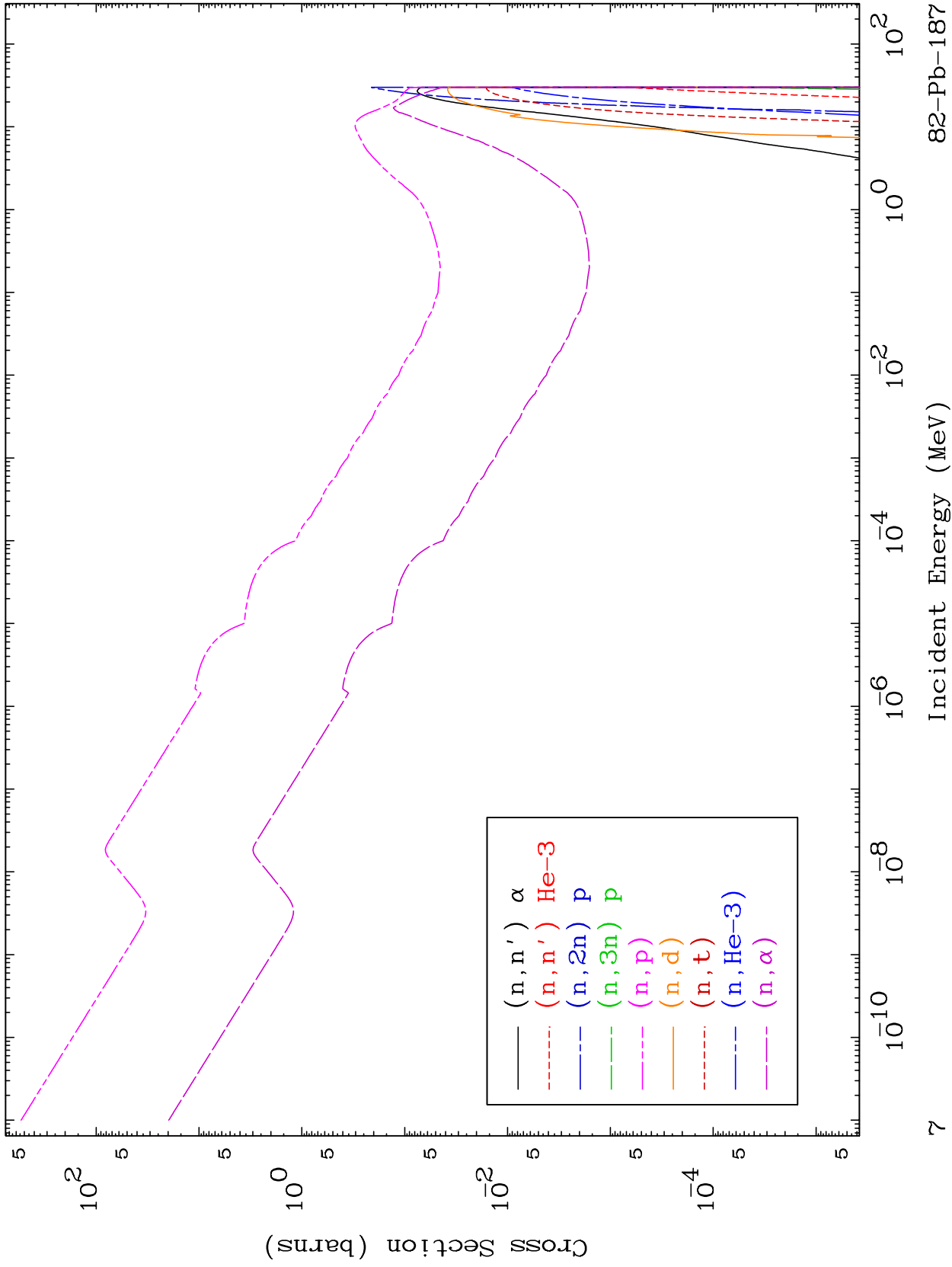
82-Pb-187



MAT 8174

Charged Particle
293 Kelvin Cross Sections

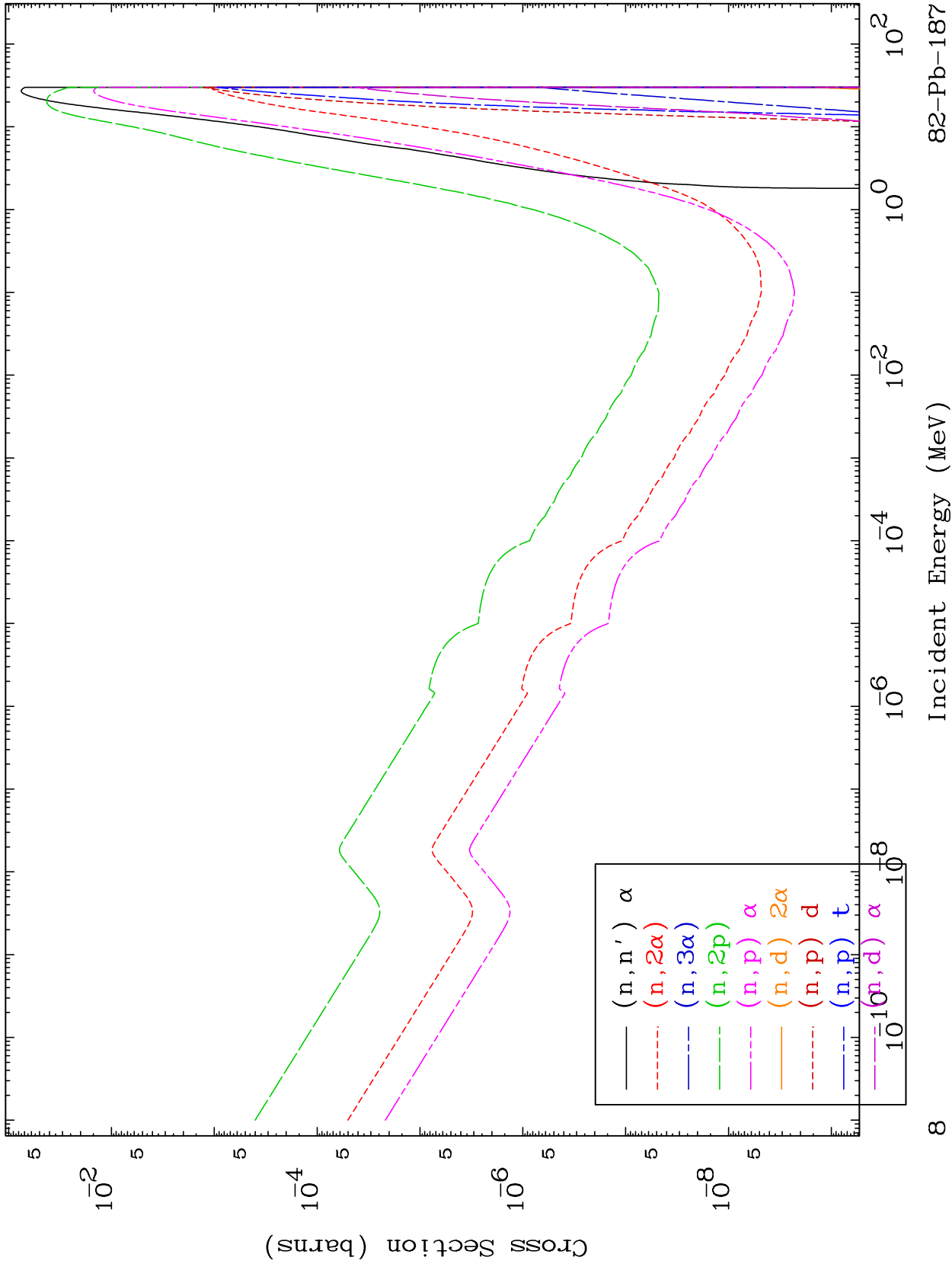
82-Pb-187



MAT 8174

Charged Particle
293 Kelvin Cross Sections

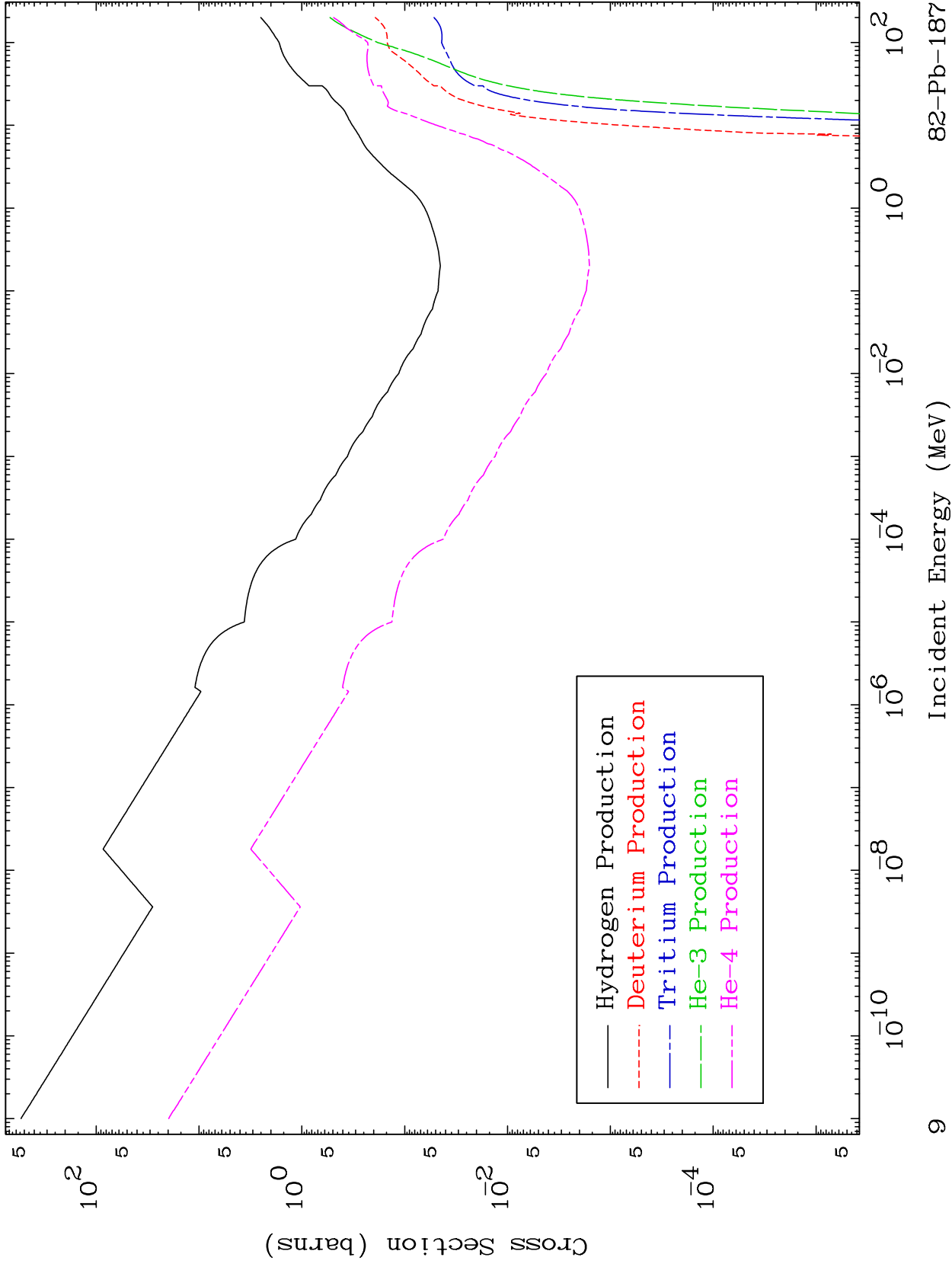
82-Pb-187



MAT 8174

Particle Production
293 Kelvin Cross Sections

82-Pb-187

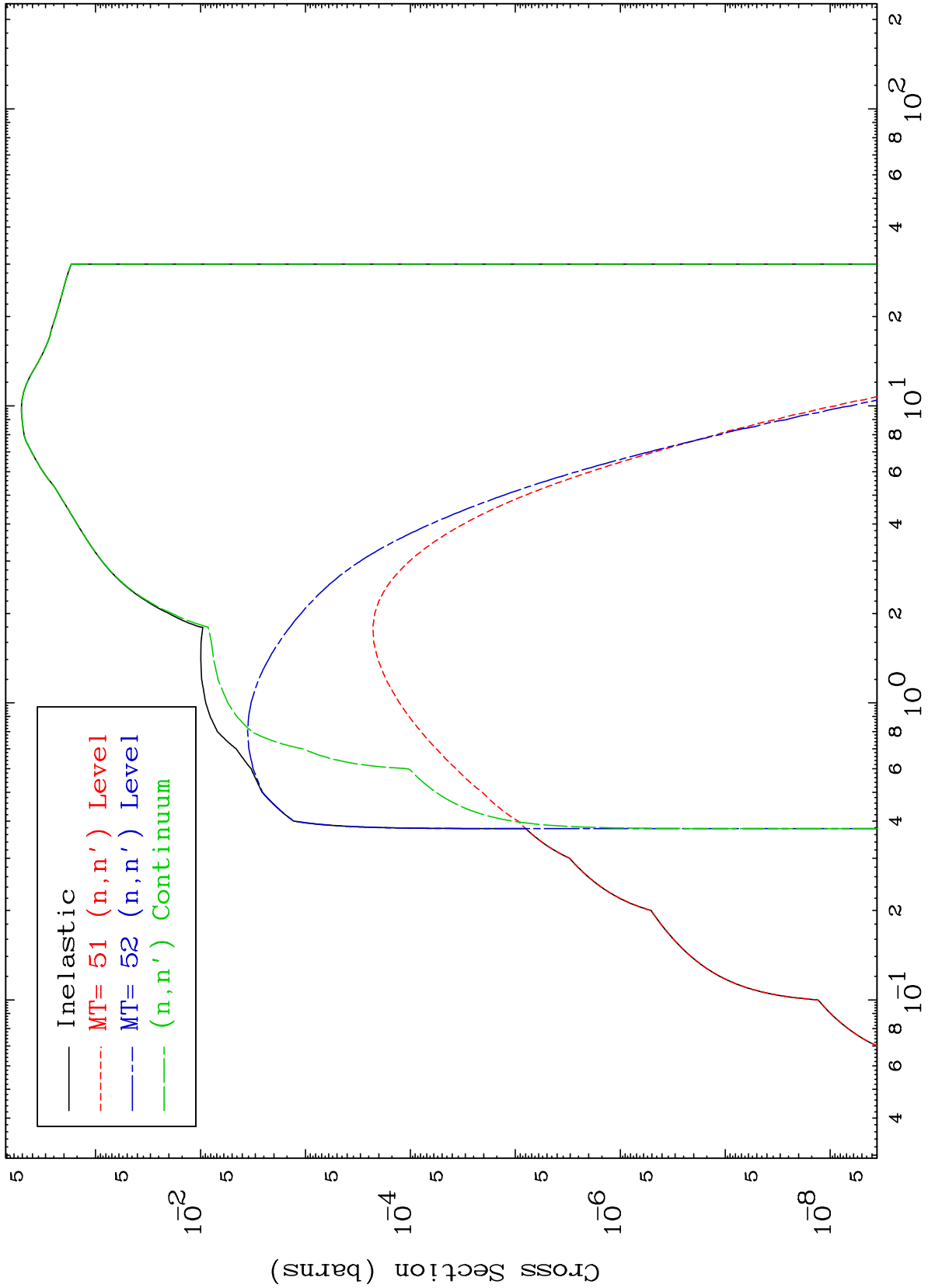


MAT 8174

(n,n') Levels

82-Pb-187

293 Kelvin Cross Sections



— Inelastic
- - - MT= 51 (n,n') Level
- . - MT= 52 (n,n') Level
— (n,n') Continuum

10

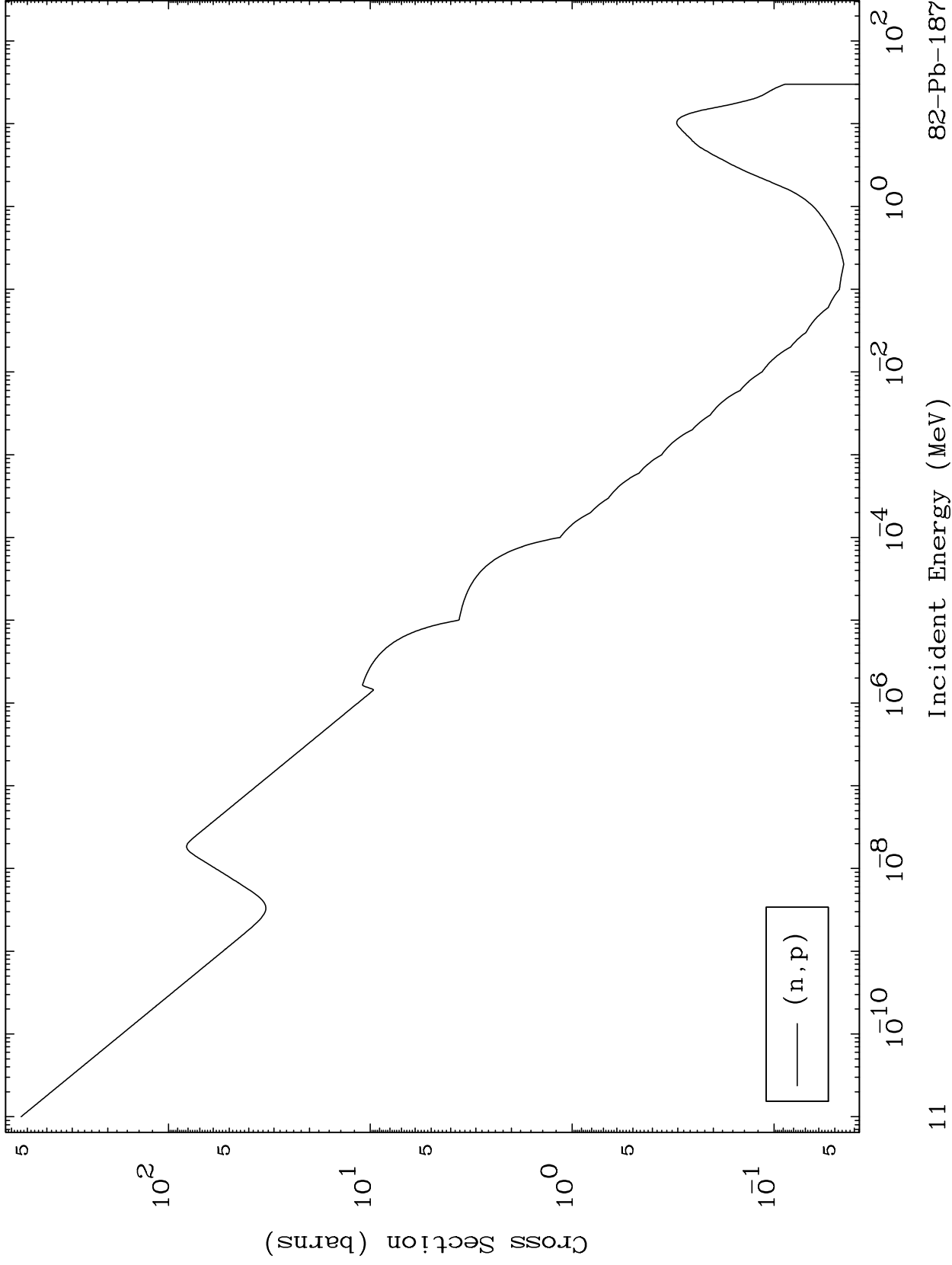
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,p) Levels
293 Kelvin Cross Sections

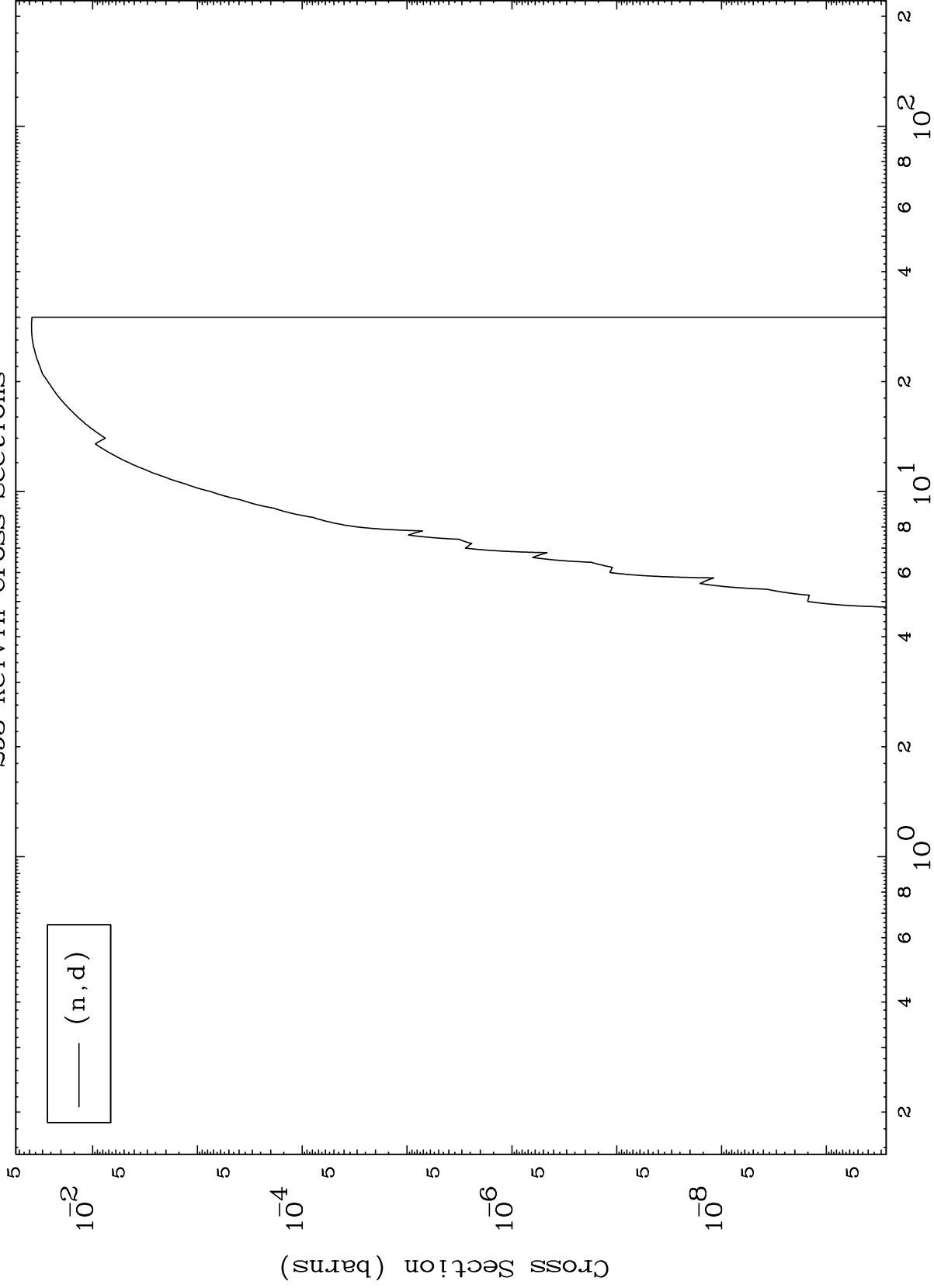
82-Pb-187



MAT 8174

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-187



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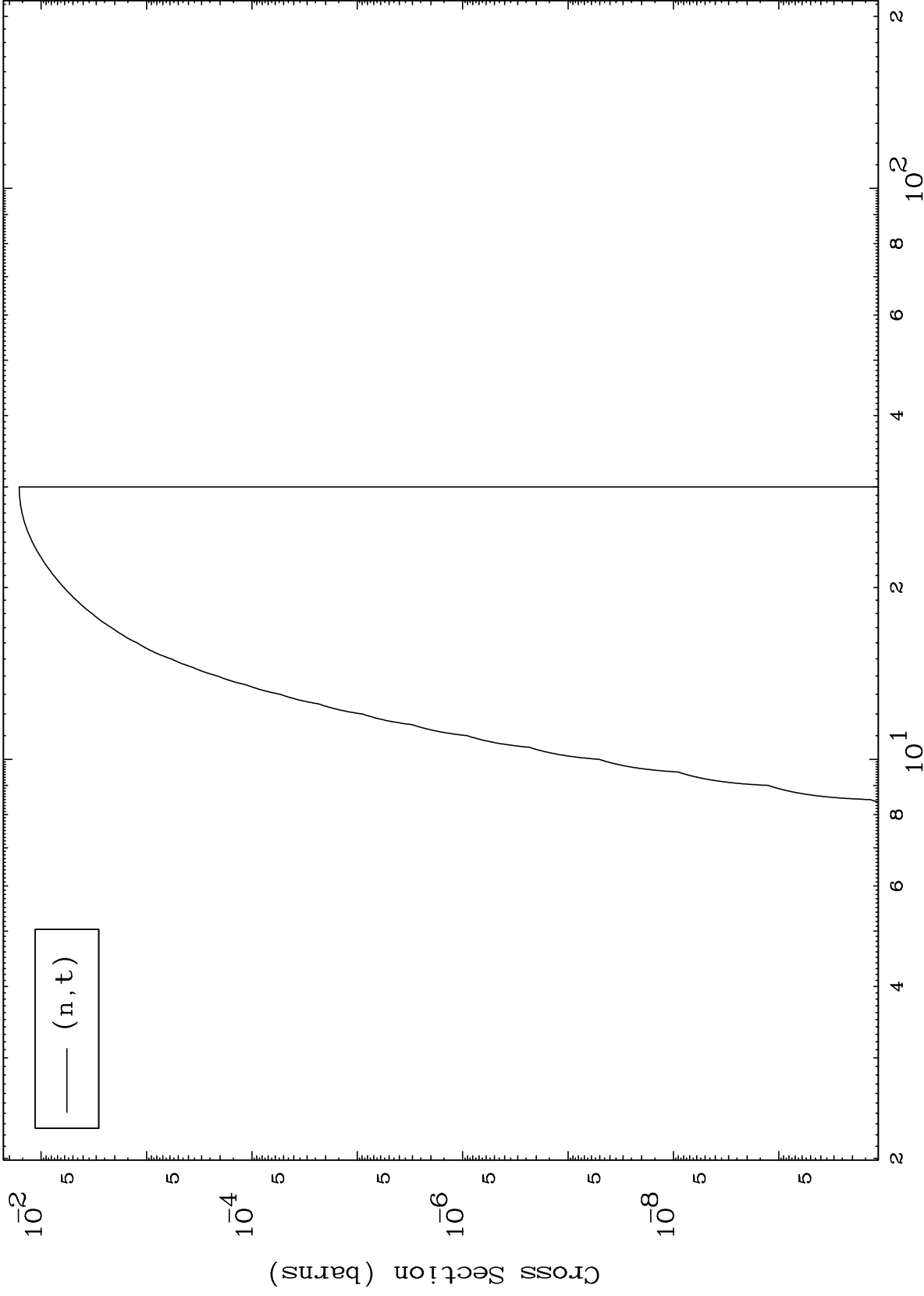
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-187



13

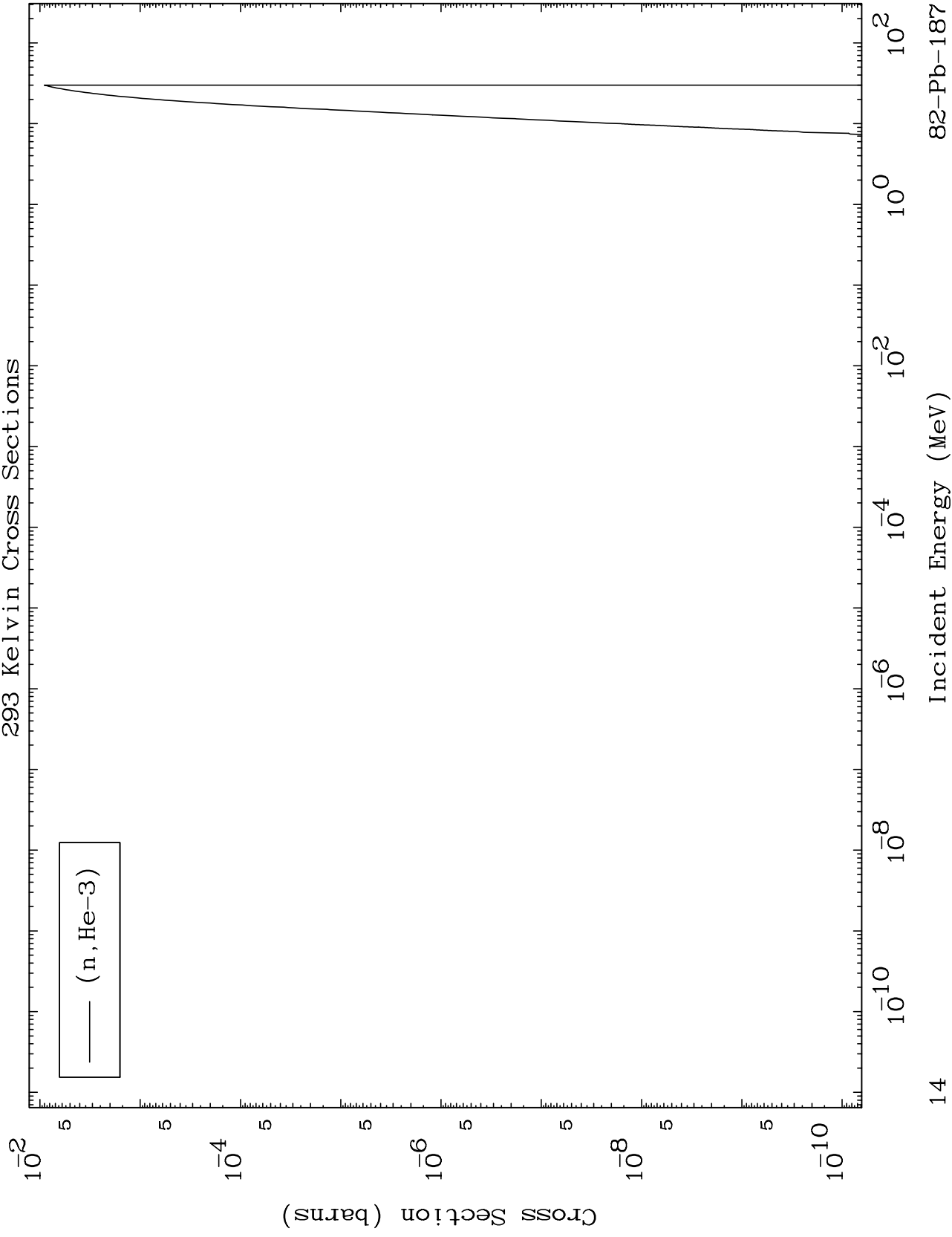
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,He3) Levels
293 Kelvin Cross Sections

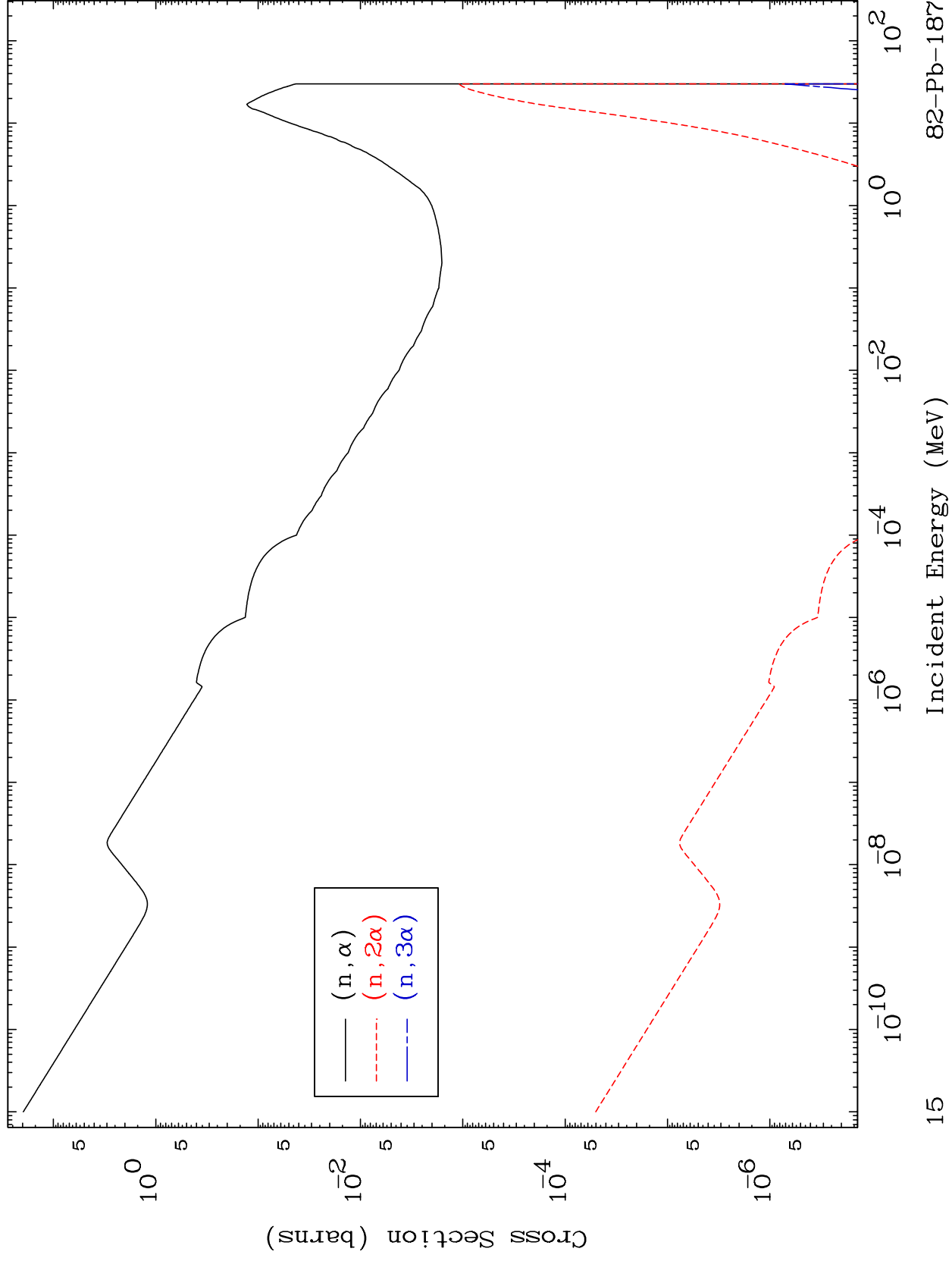
82-Pb-187



MAT 8174

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-187



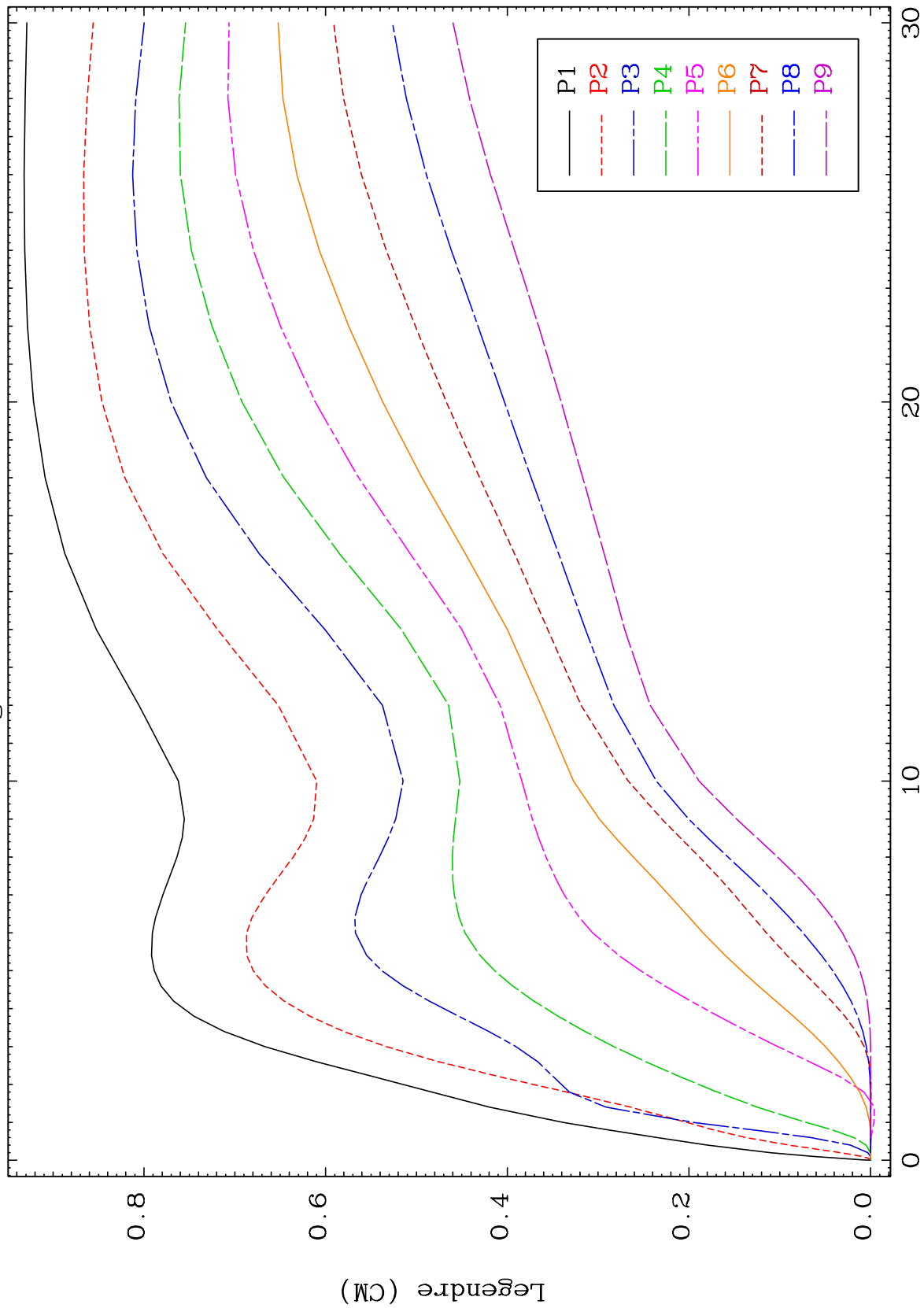
15

82-Pb-187

MAT 8174

Elastic Legendre Coefficients

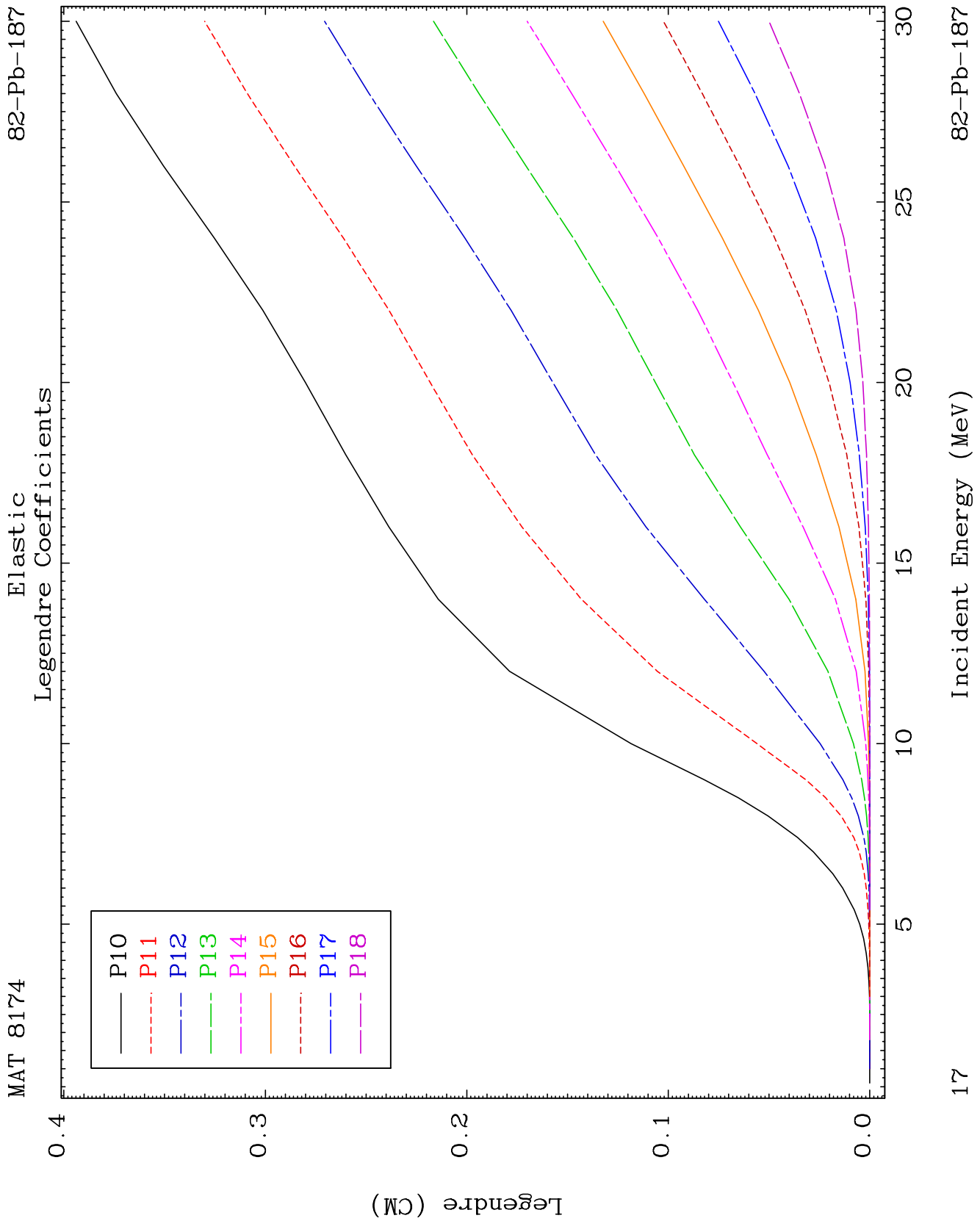
82-Pb-187



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Incident Energy (MeV)

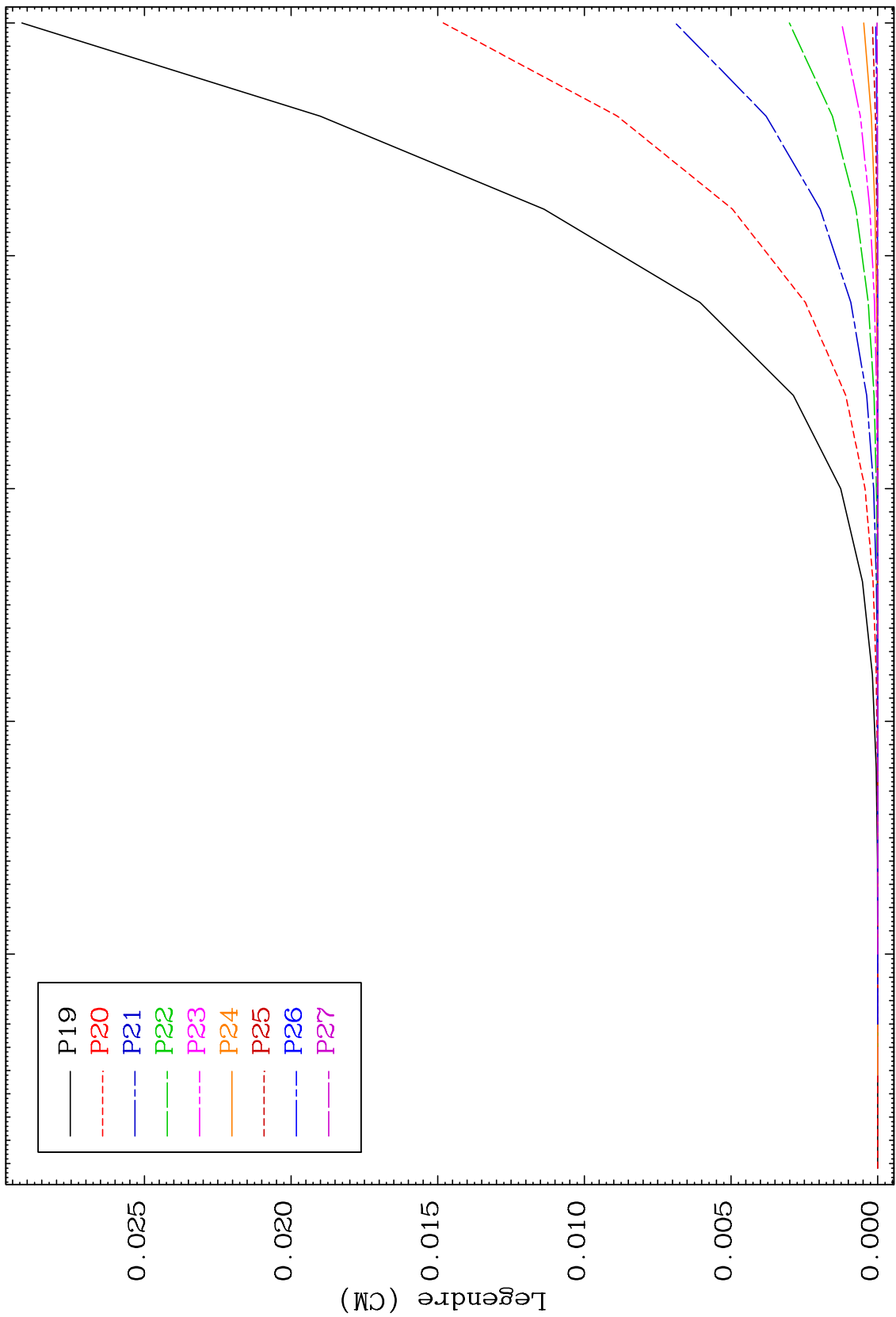
82-Pb-187



MAT 8174

Elastic Legendre Coefficients

82-Pb-187



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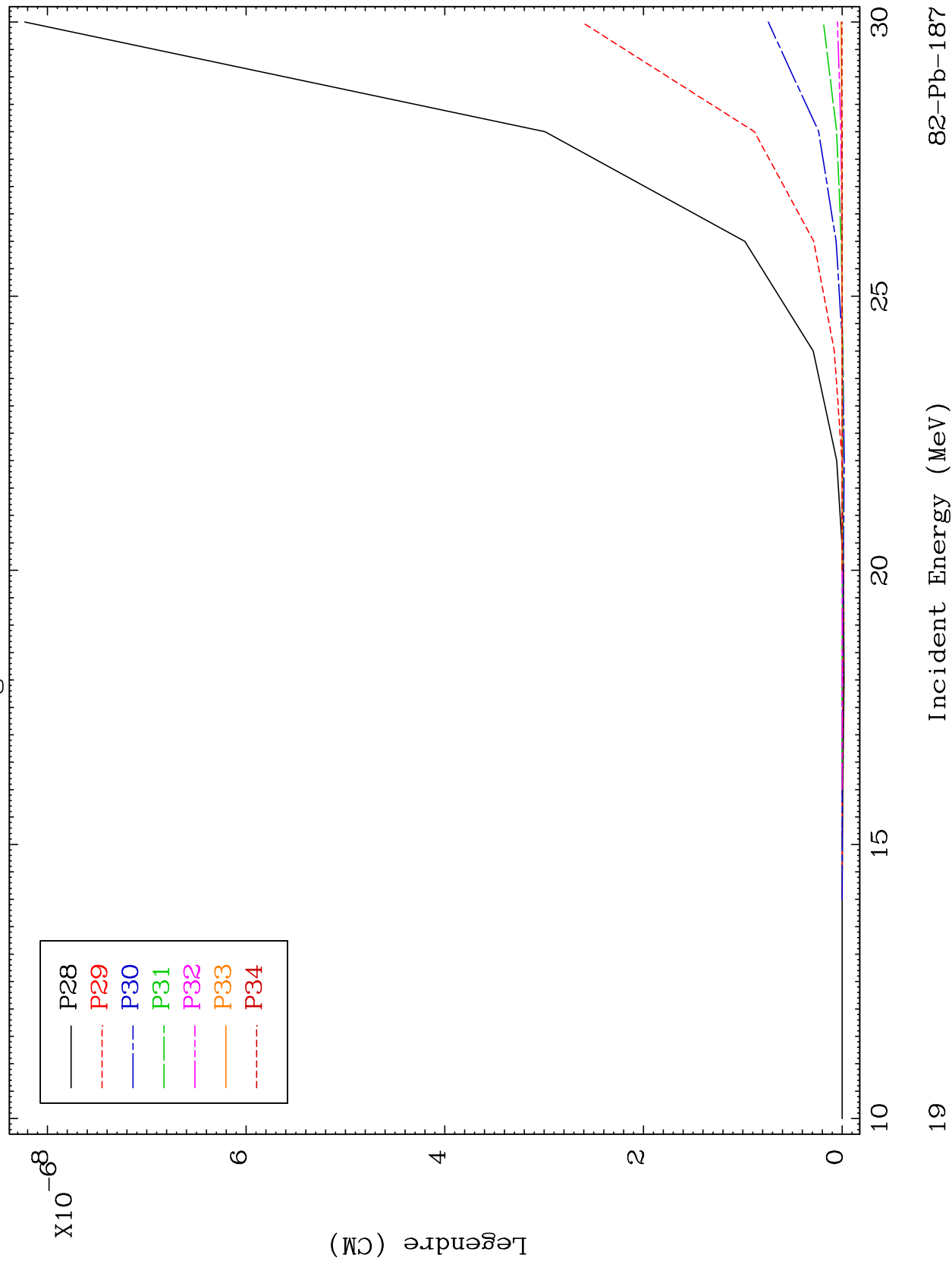
Incident Energy (MeV)

82-Pb-187

MAT 8174

Elastic
Legendre Coefficients

82-Pb-187



19

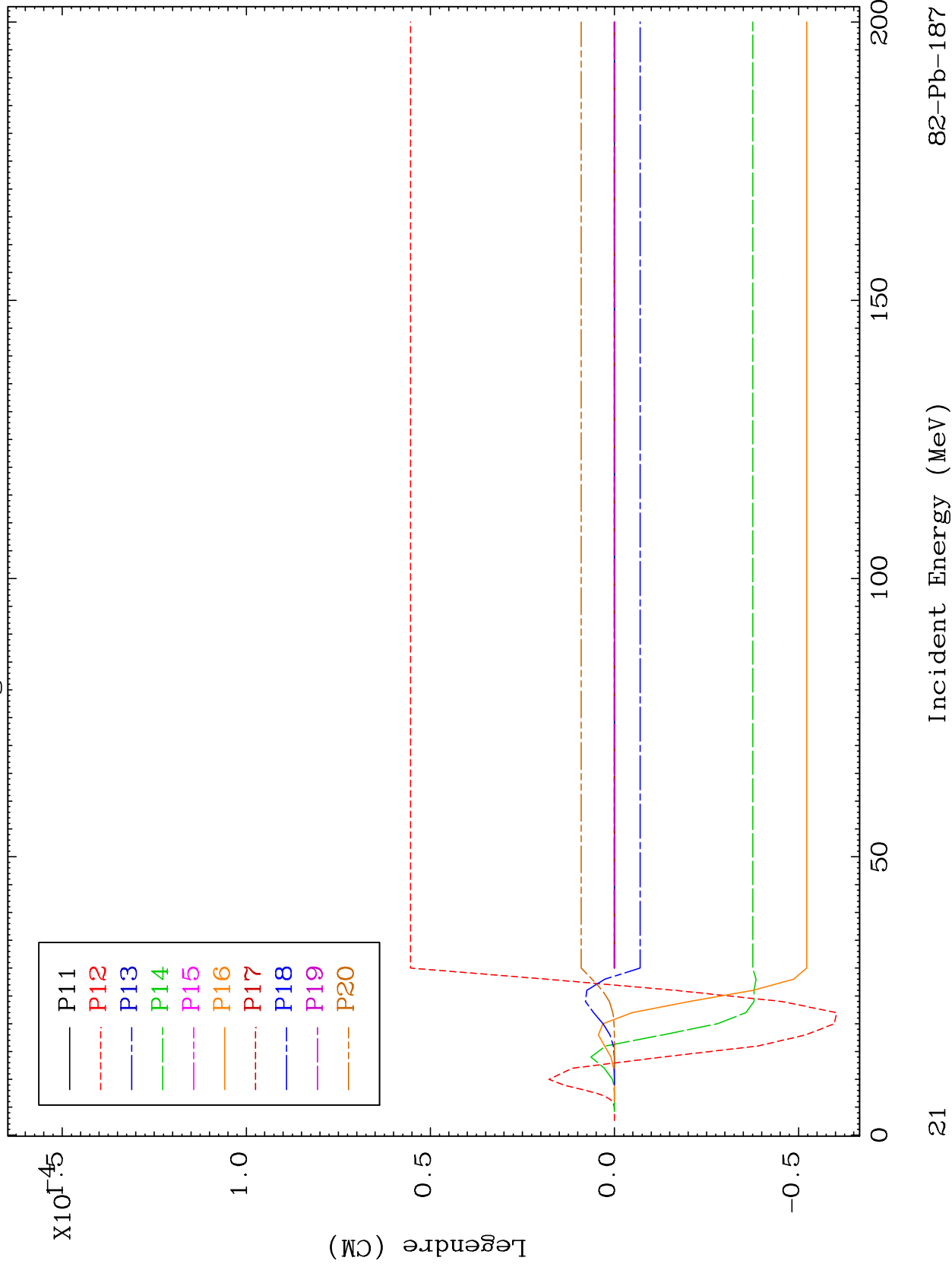
Incident Energy (MeV)

82-Pb-187

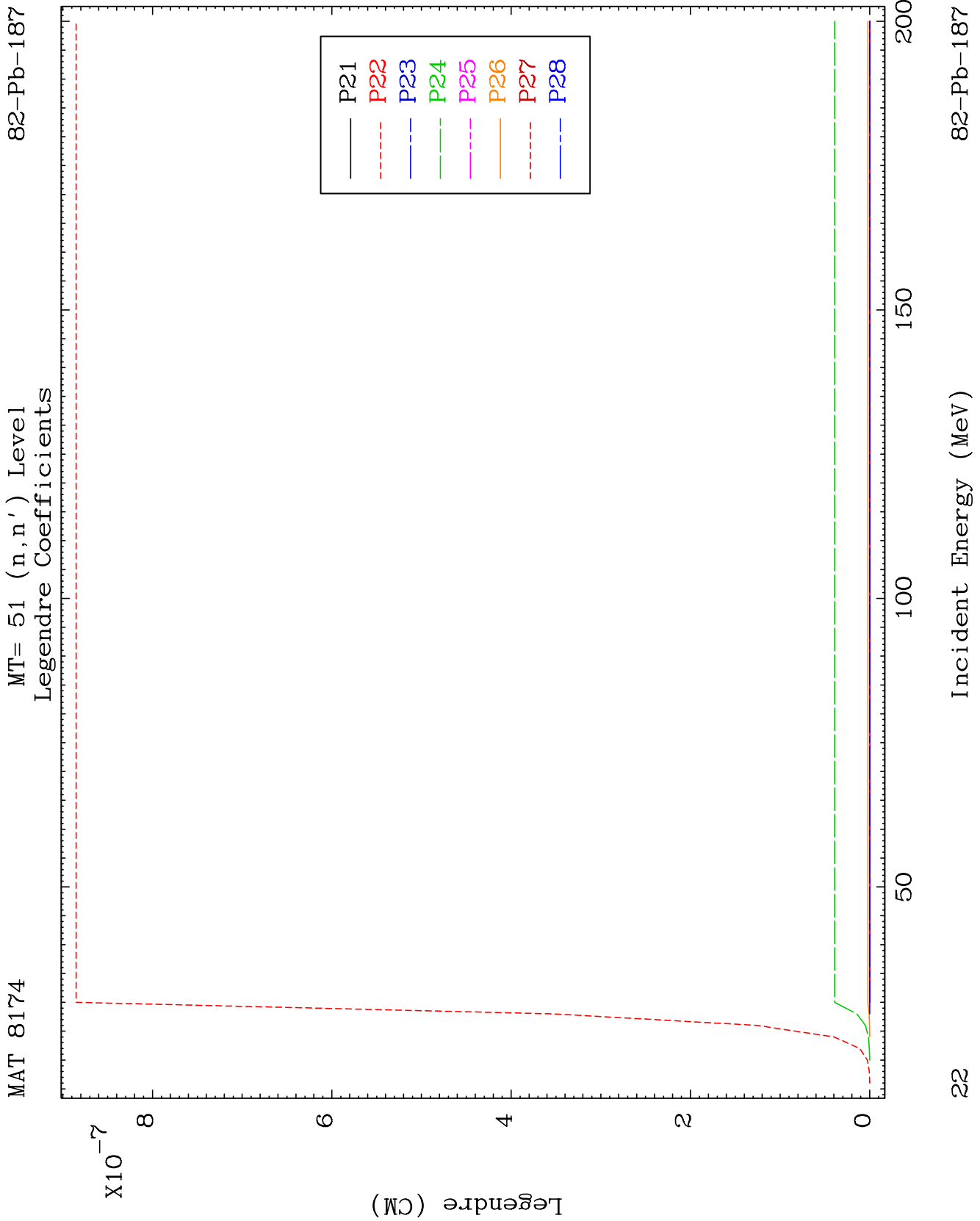
MAT 8174

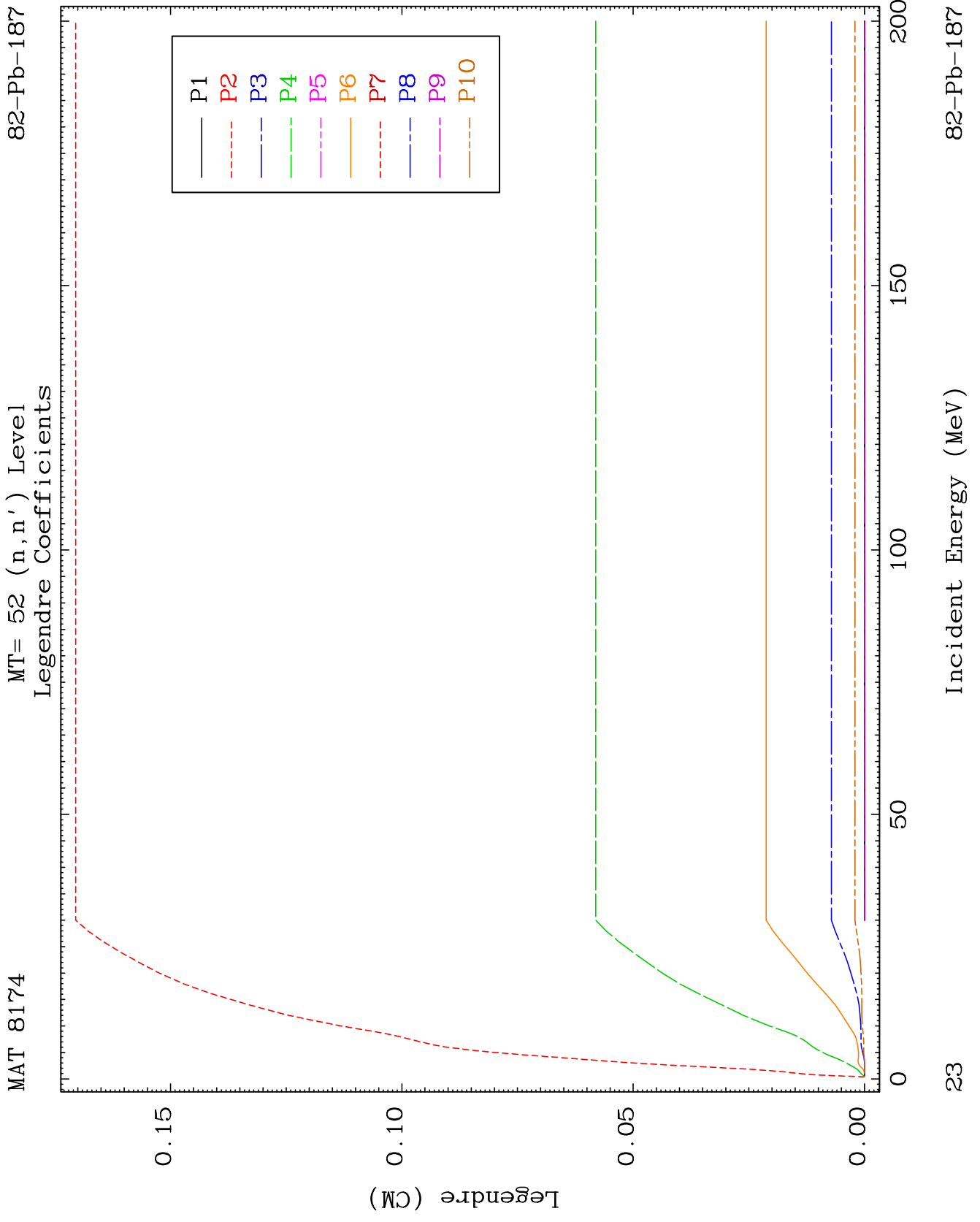
MT= 51 (n,n') Level
Legendre Coefficients

82-Pb-187



21

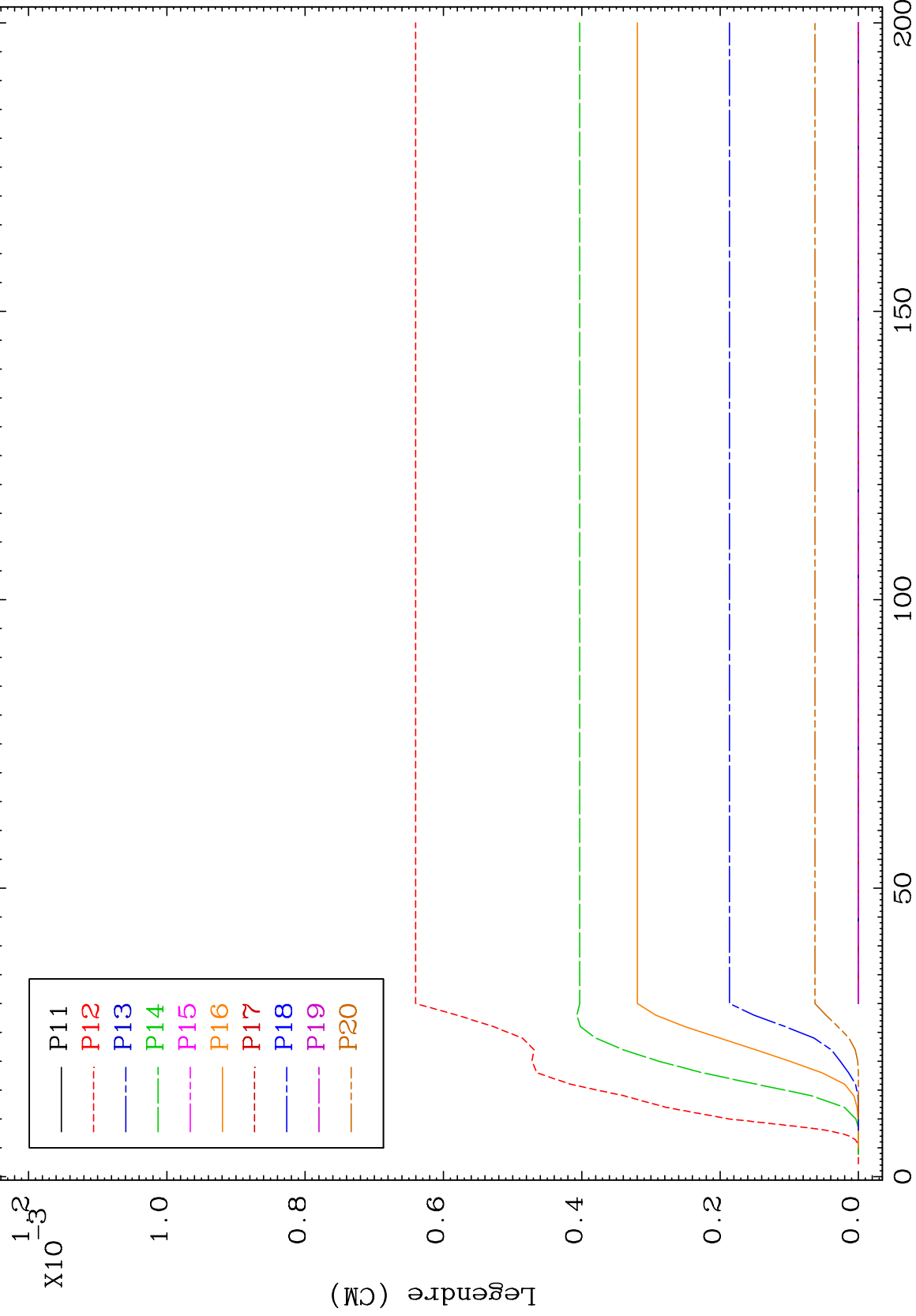




MAT 8174

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

82-Pb-187



24

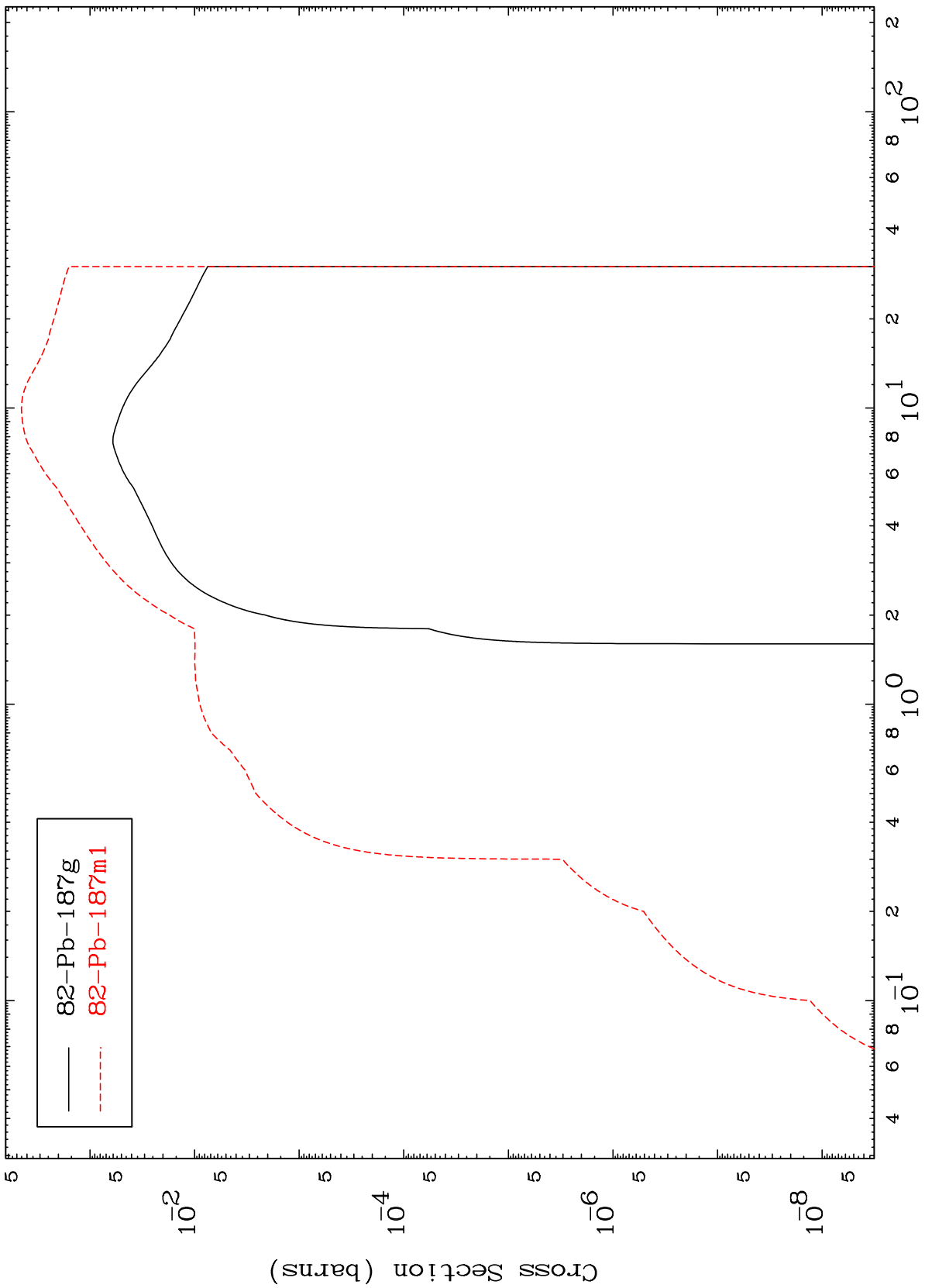
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

Inelastic
Radionuclide Production Cross Section



26

82-Pb-187

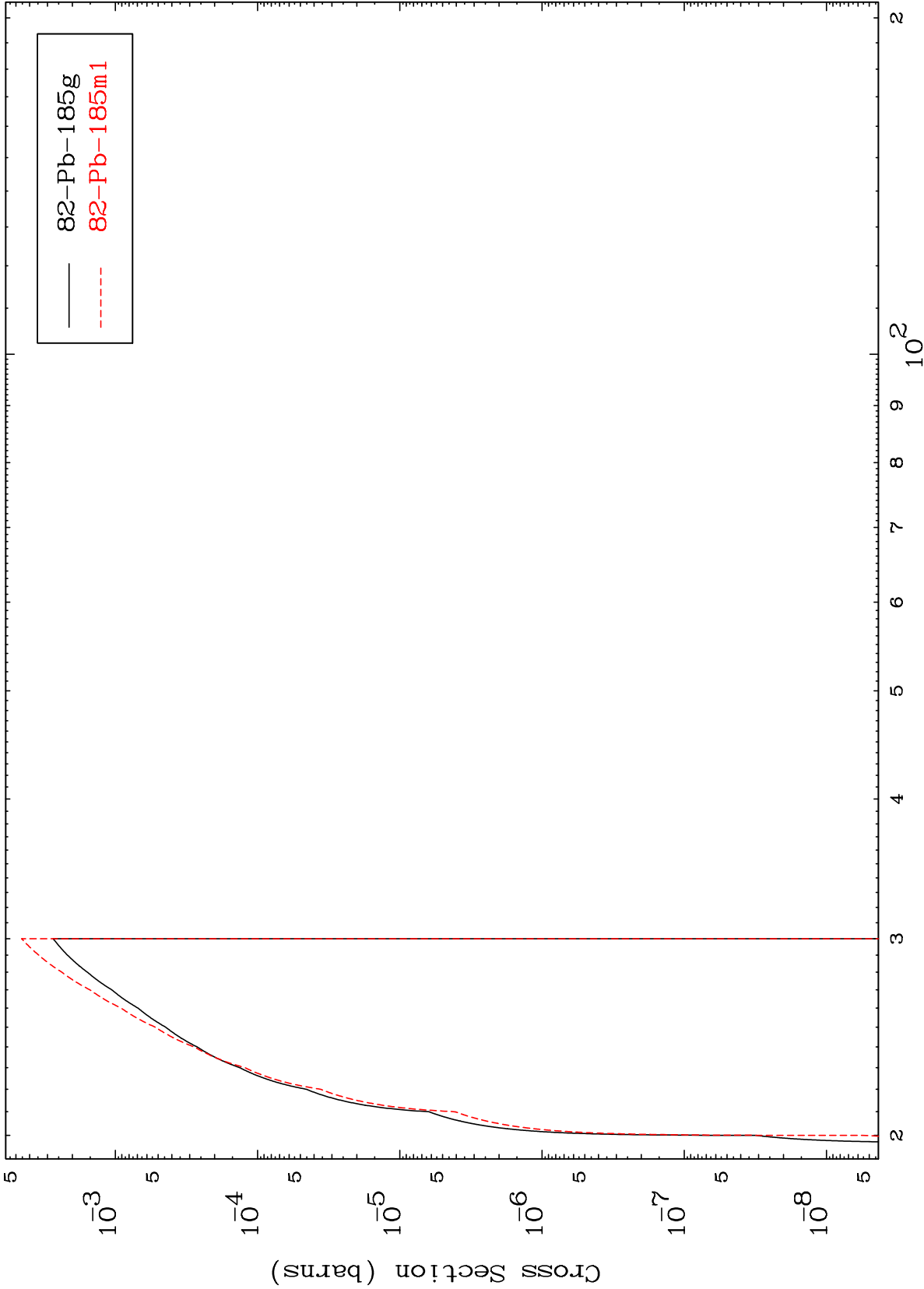
Incident Energy (MeV)

MAT 8174

(n,3n)

82-Pb-187

Radionuclide Production Cross Section



82-Pb-185g
82-Pb-185m1

27

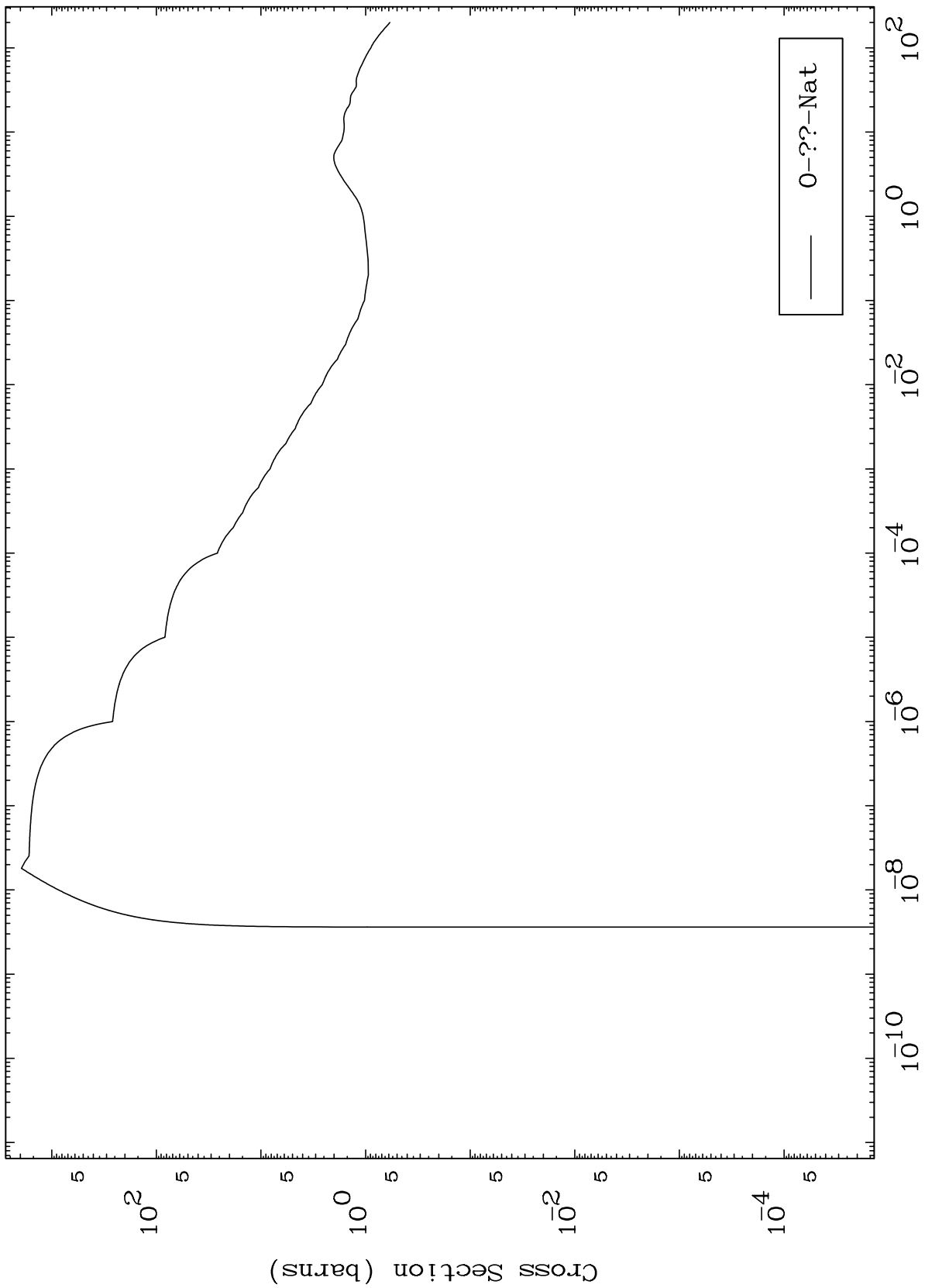
Incident Energy (MeV)

82-Pb-187

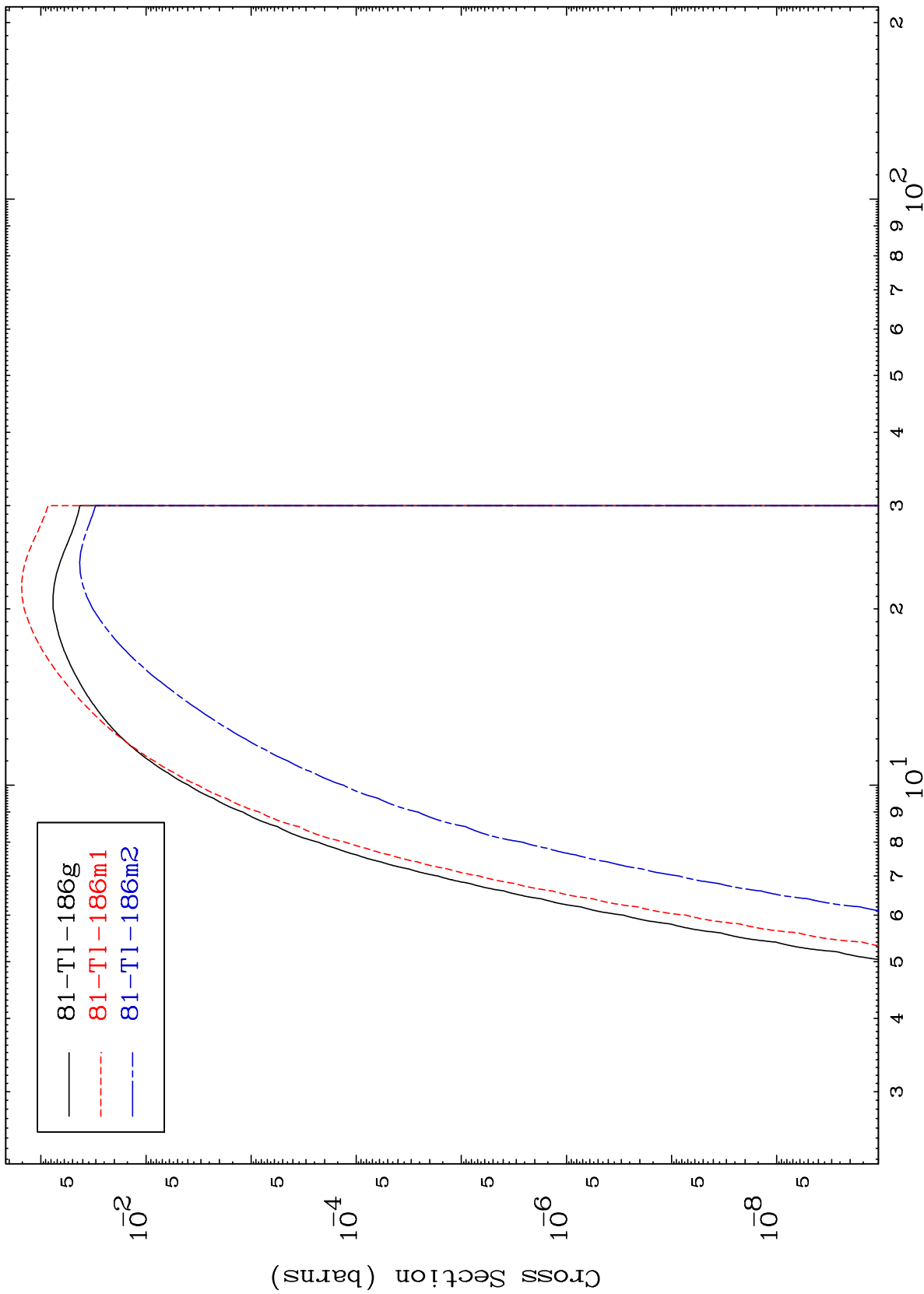
MAT 8174

82-Pb-187

Fission
Radionuclide Production Cross Section



(n,n') p
Radionuclide Production Cross Section

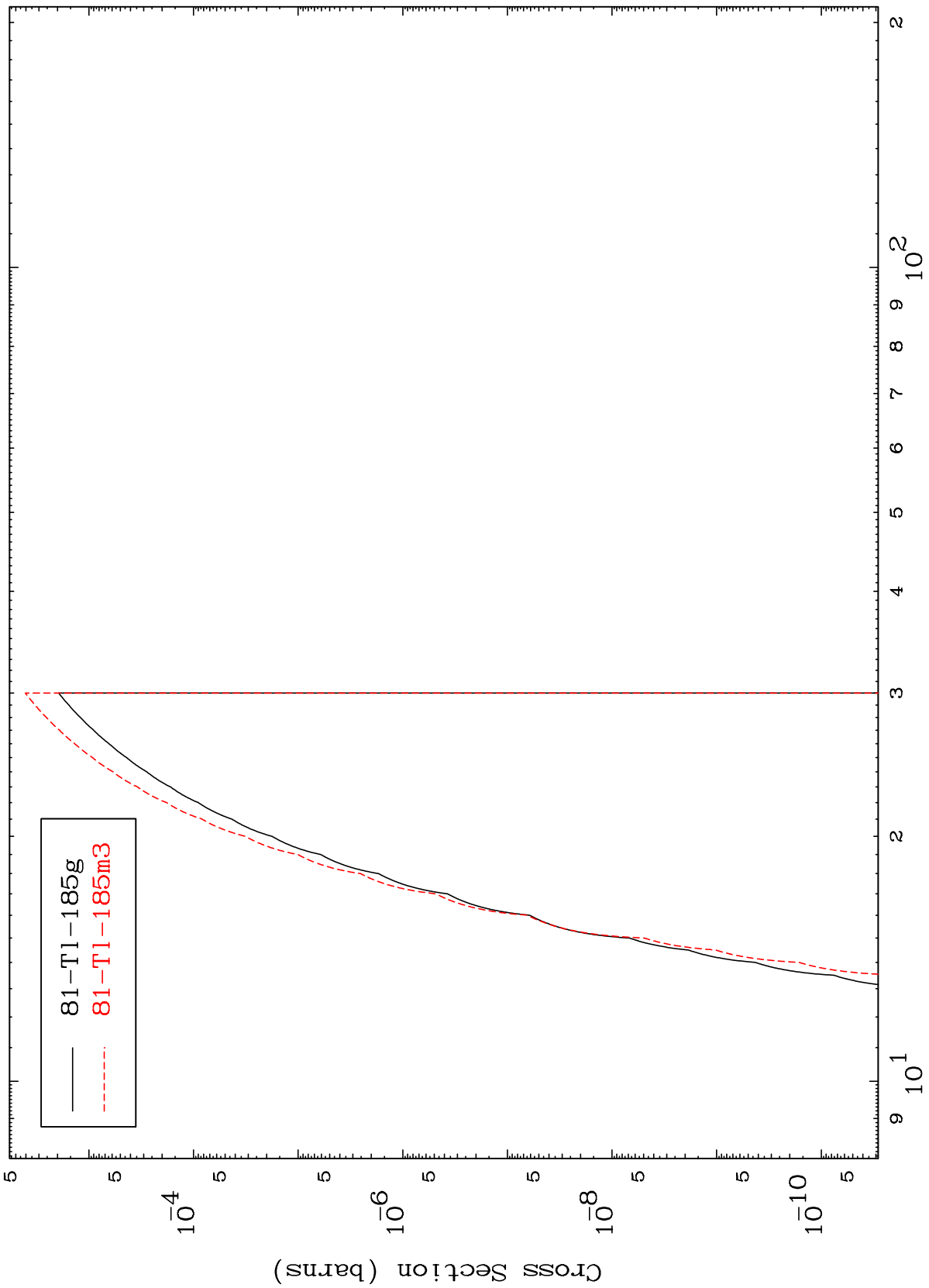


MAT 8174

(n,n') d

82-Pb-187

Radionuclide Production Cross Section

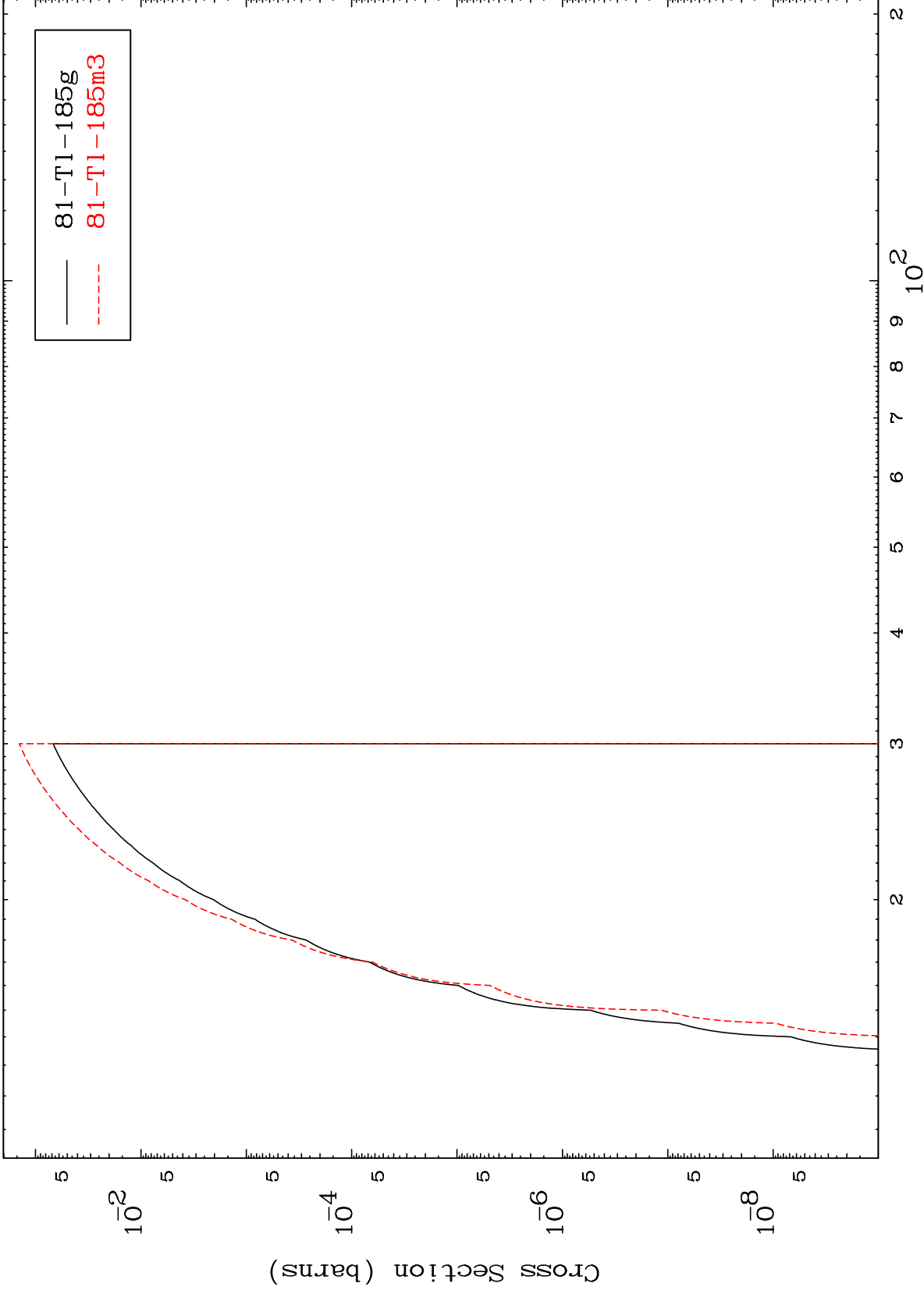


30

Incident Energy (MeV)

82-Pb-187

Radionuclide Production Cross Section

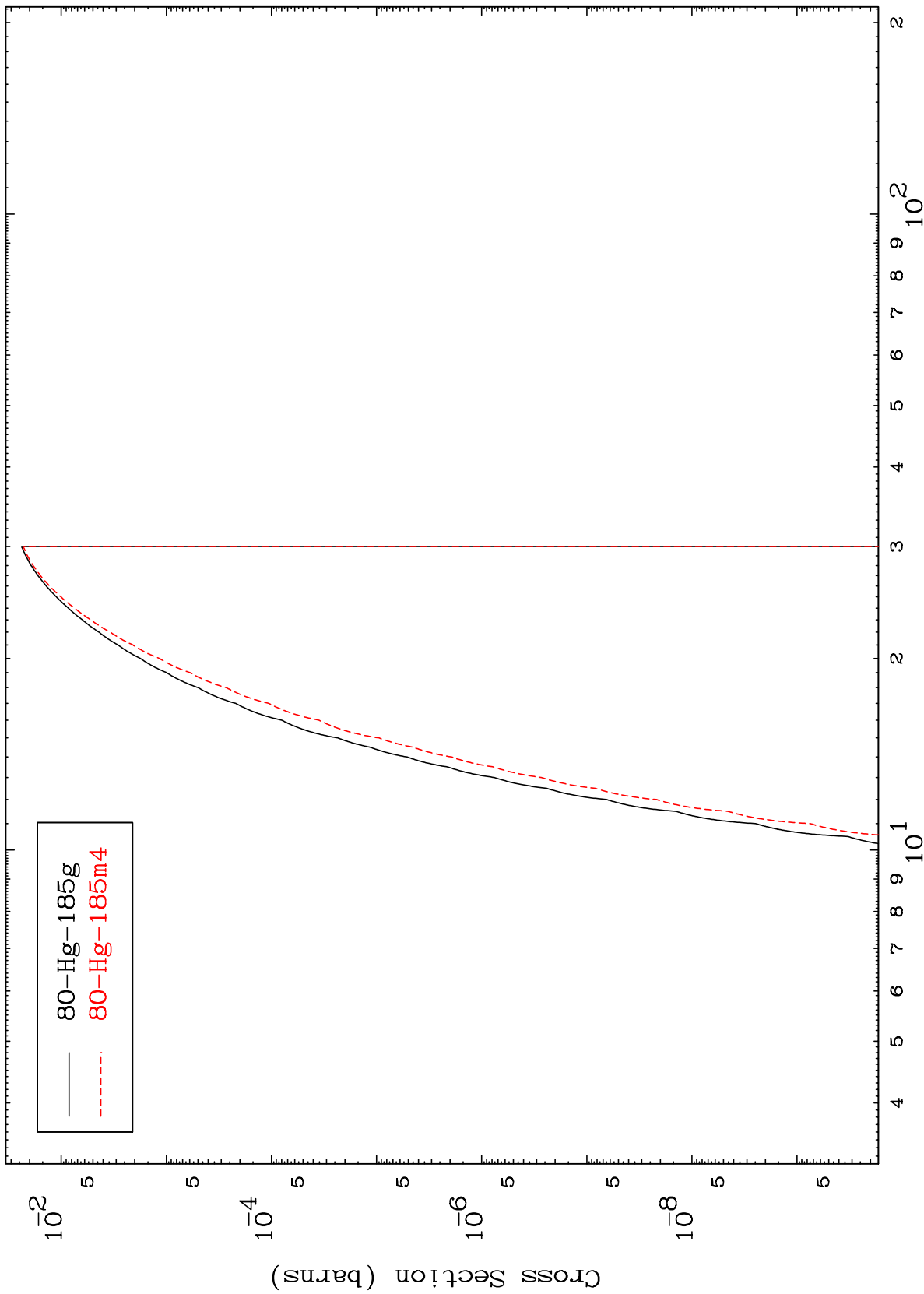


MAT 8174

(n,2n) p

82-Pb-187

Radionuclide Production Cross Section



— 80-Hg-185g
- - - 80-Hg-185m4

Incident Energy (MeV)

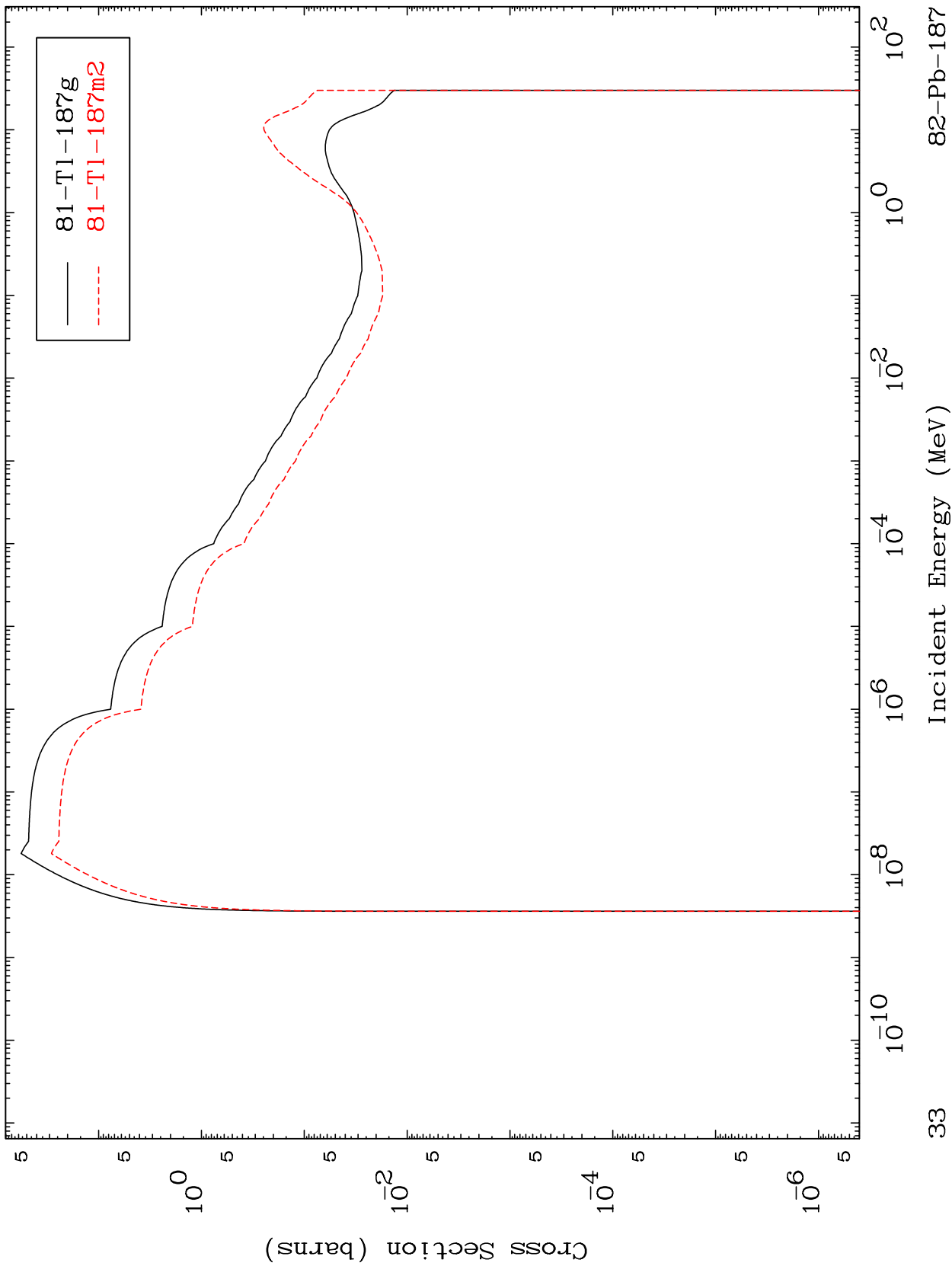
82-Pb-187

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MAT 8174

82-Pb-187

(n,p)
Radionuclide Production Cross Section



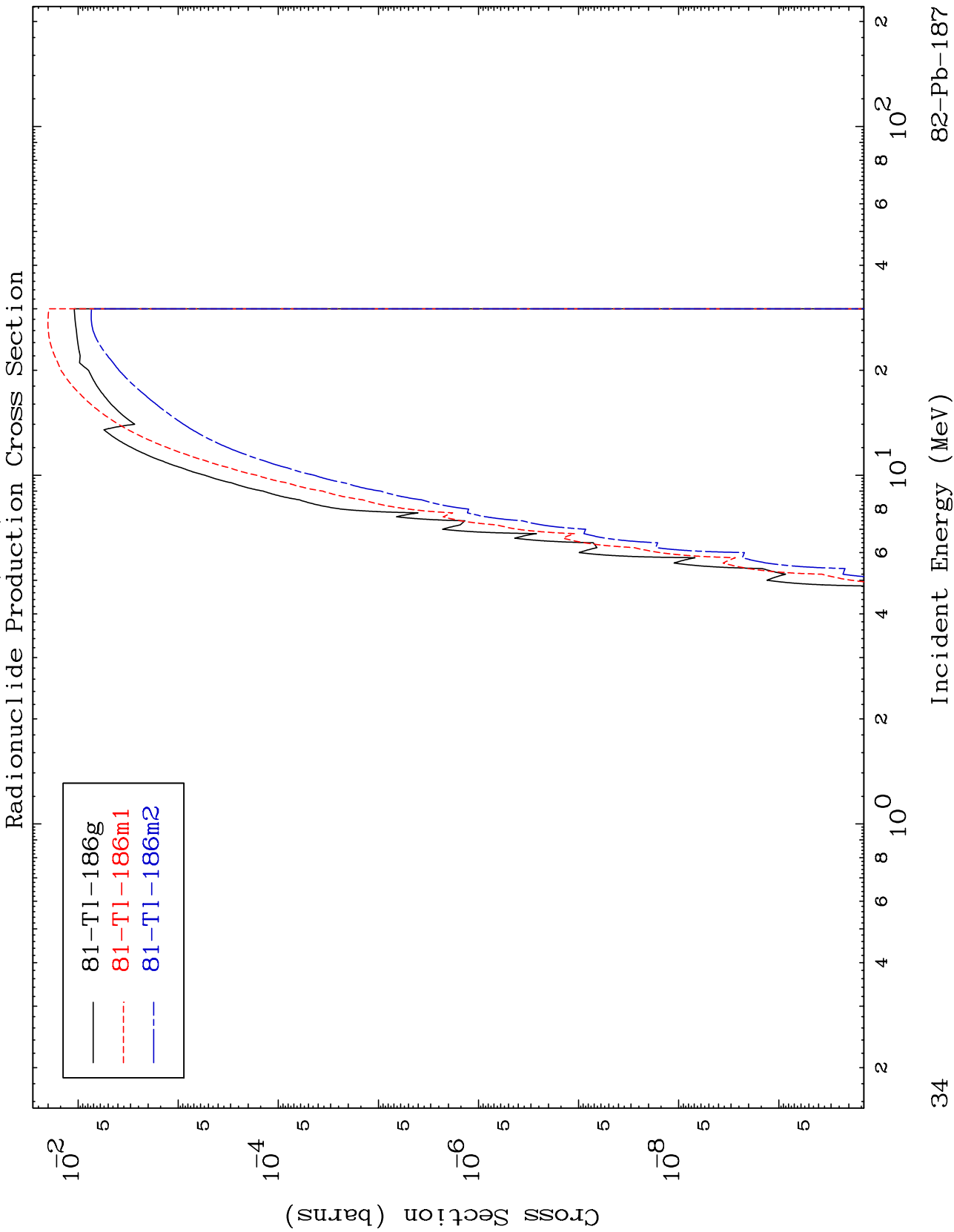
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82-Pb-187

MAT 8174

(n,d)

82-Pb-187

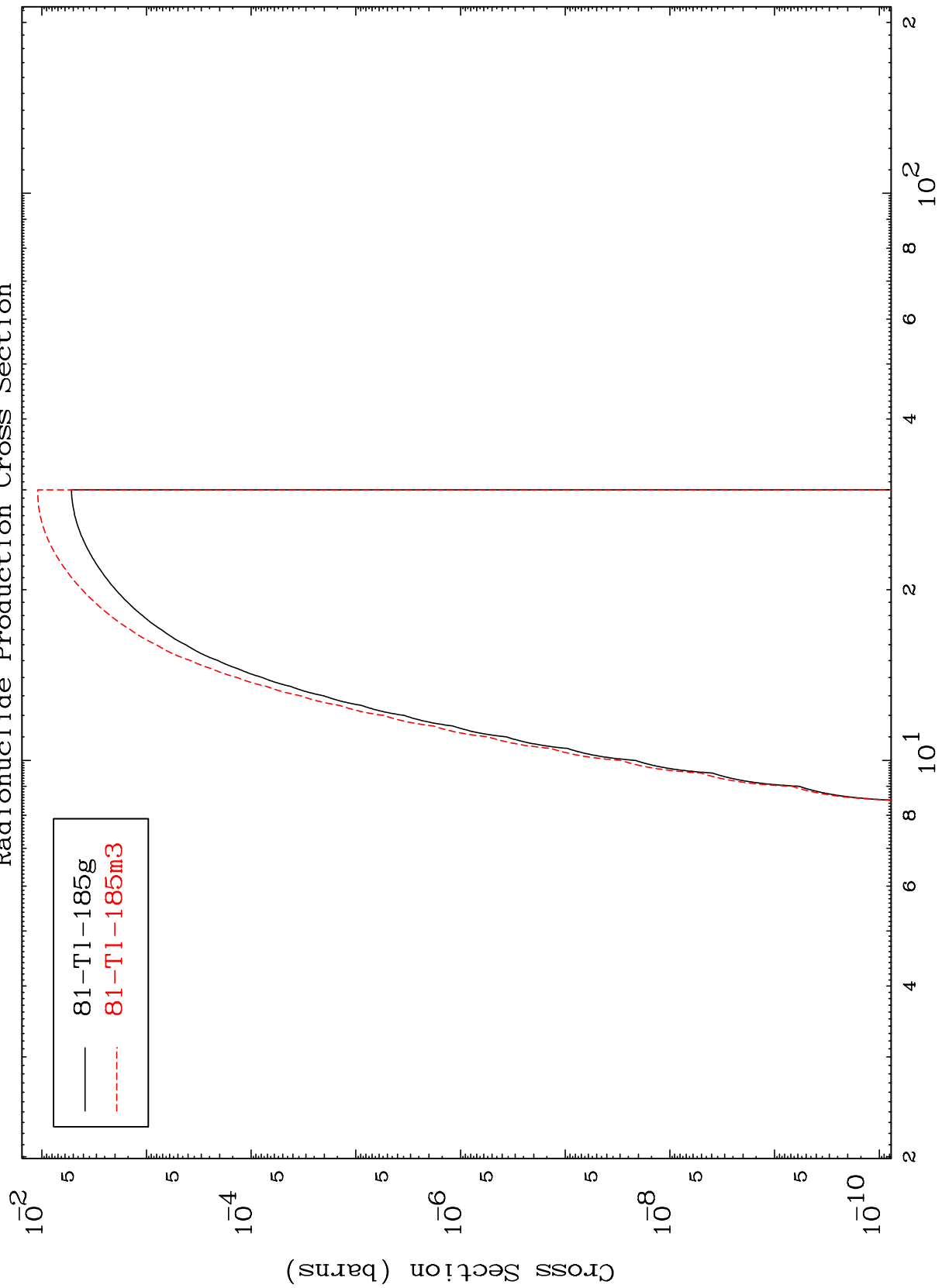


81-Tl-186g
81-Tl-186m1
81-Tl-186m2

MAT 8174

82-Pb-187

Radionuclide Production Cross Section



— 81-Tl-185g
- - - 81-Tl-185m3

82-Pb-187

Incident Energy (MeV)

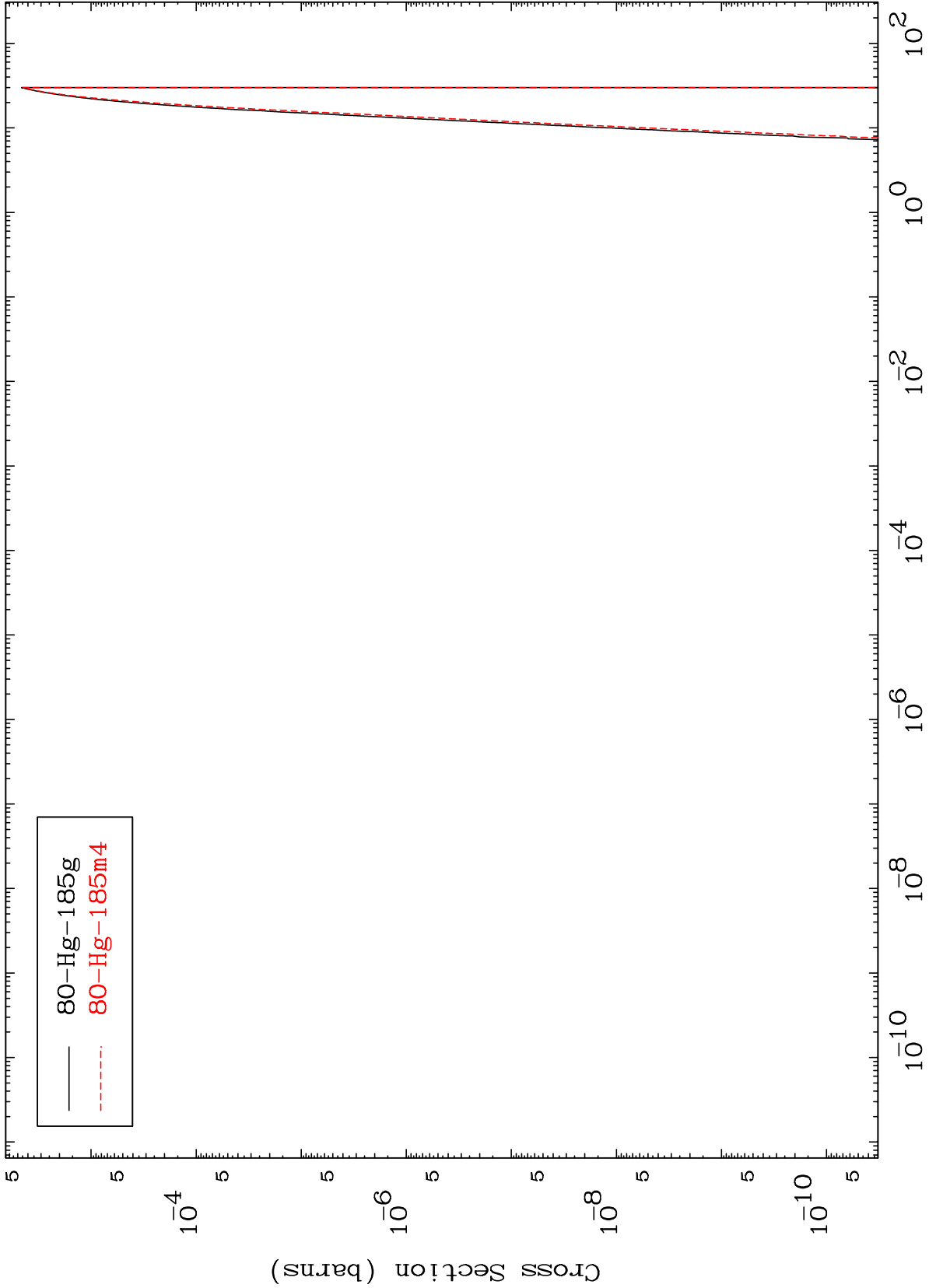
35

MAT 8174

(n,He-3)

82-Pb-187

Radionuclide Production Cross Section



80-Hg-185g
80-Hg-185m4

Incident Energy (MeV)

82-Pb-187

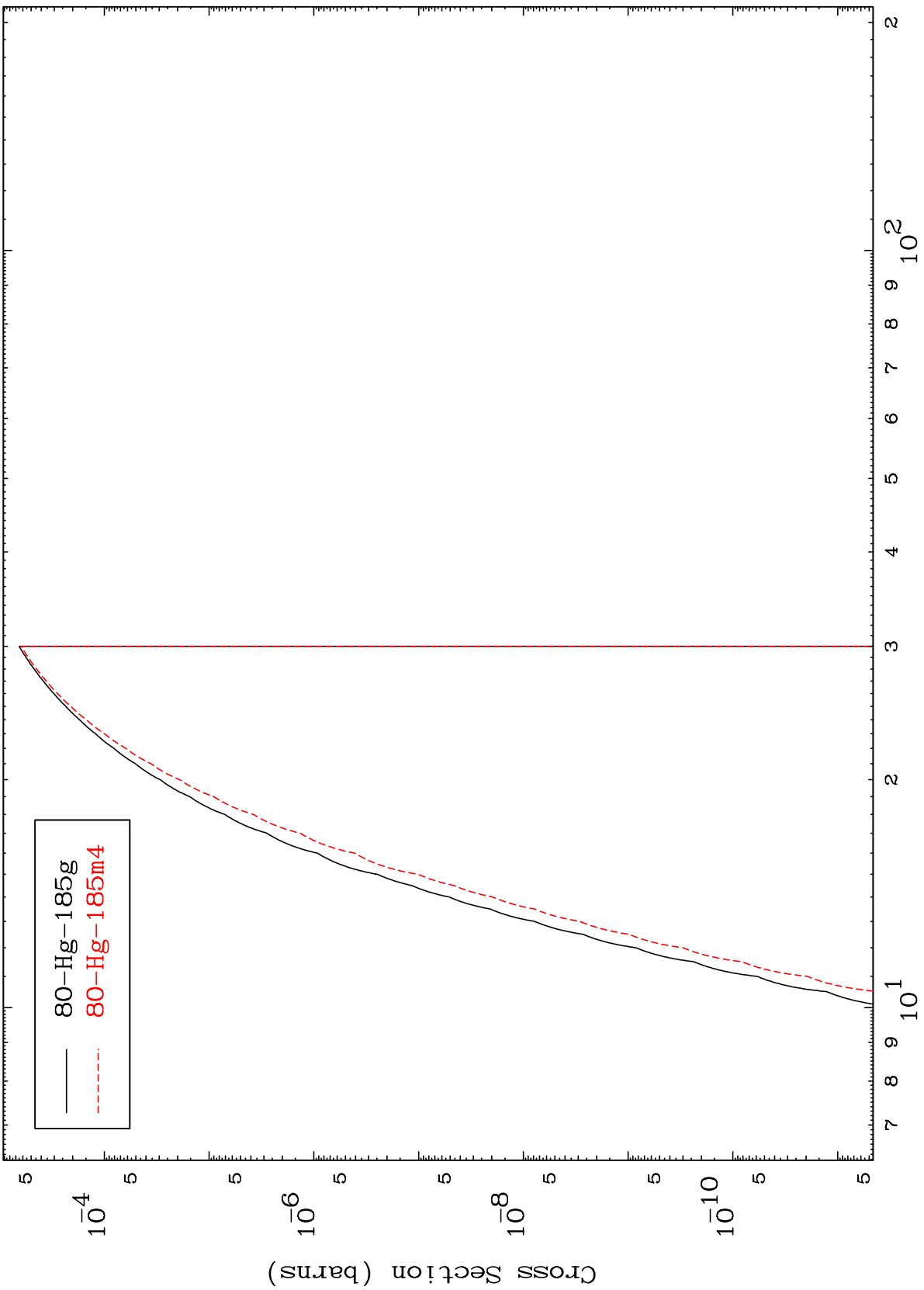
36

MAT 8174

(n,p) d

82-Pb-187

Radionuclide Production Cross Section



80-Hg-185g
80-Hg-185m4

37

Incident Energy (MeV)

82-Pb-187