

Program EVALPLOT
(Version 2021-1)

by

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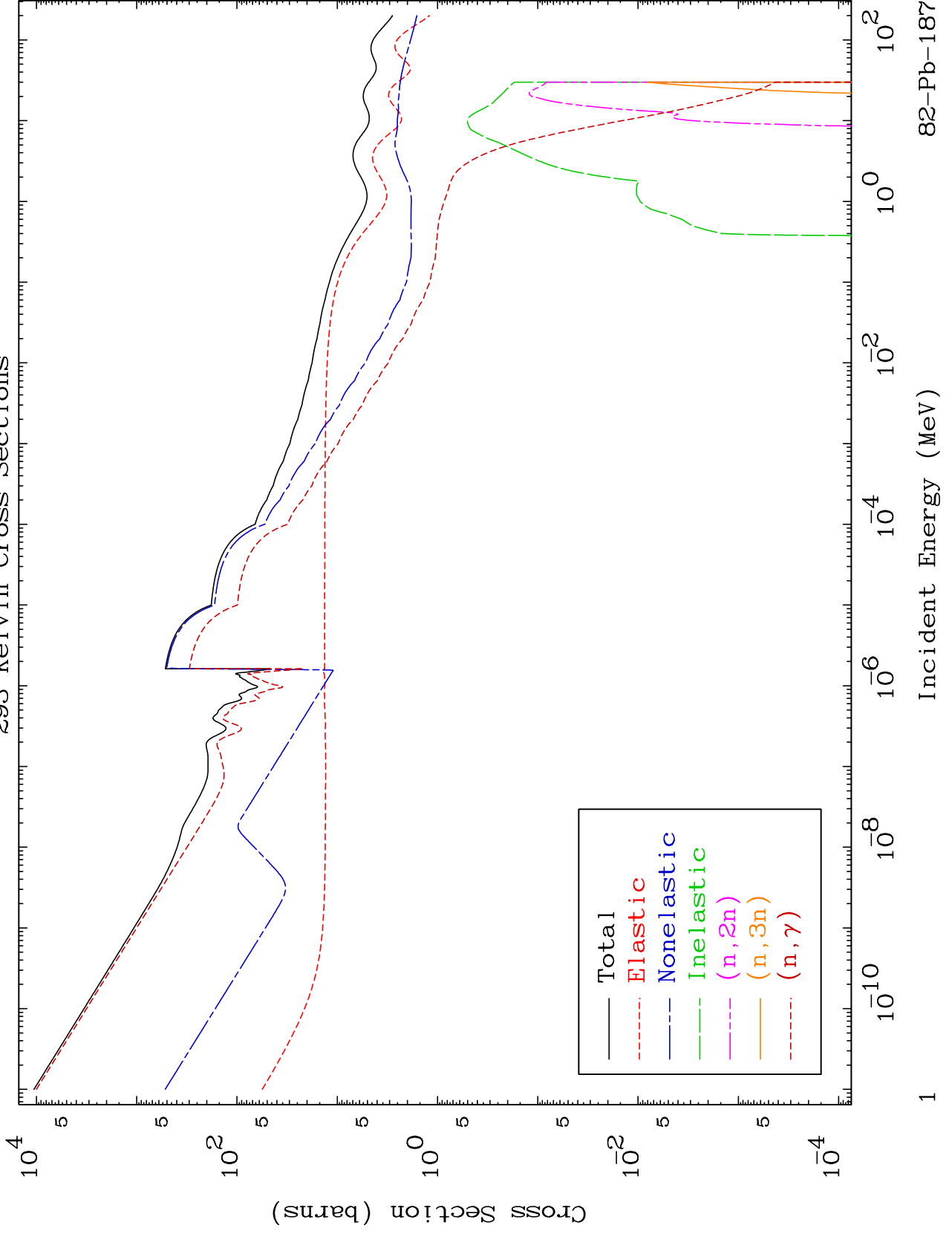
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8174

Neutron Major
293 Kelvin Cross Sections

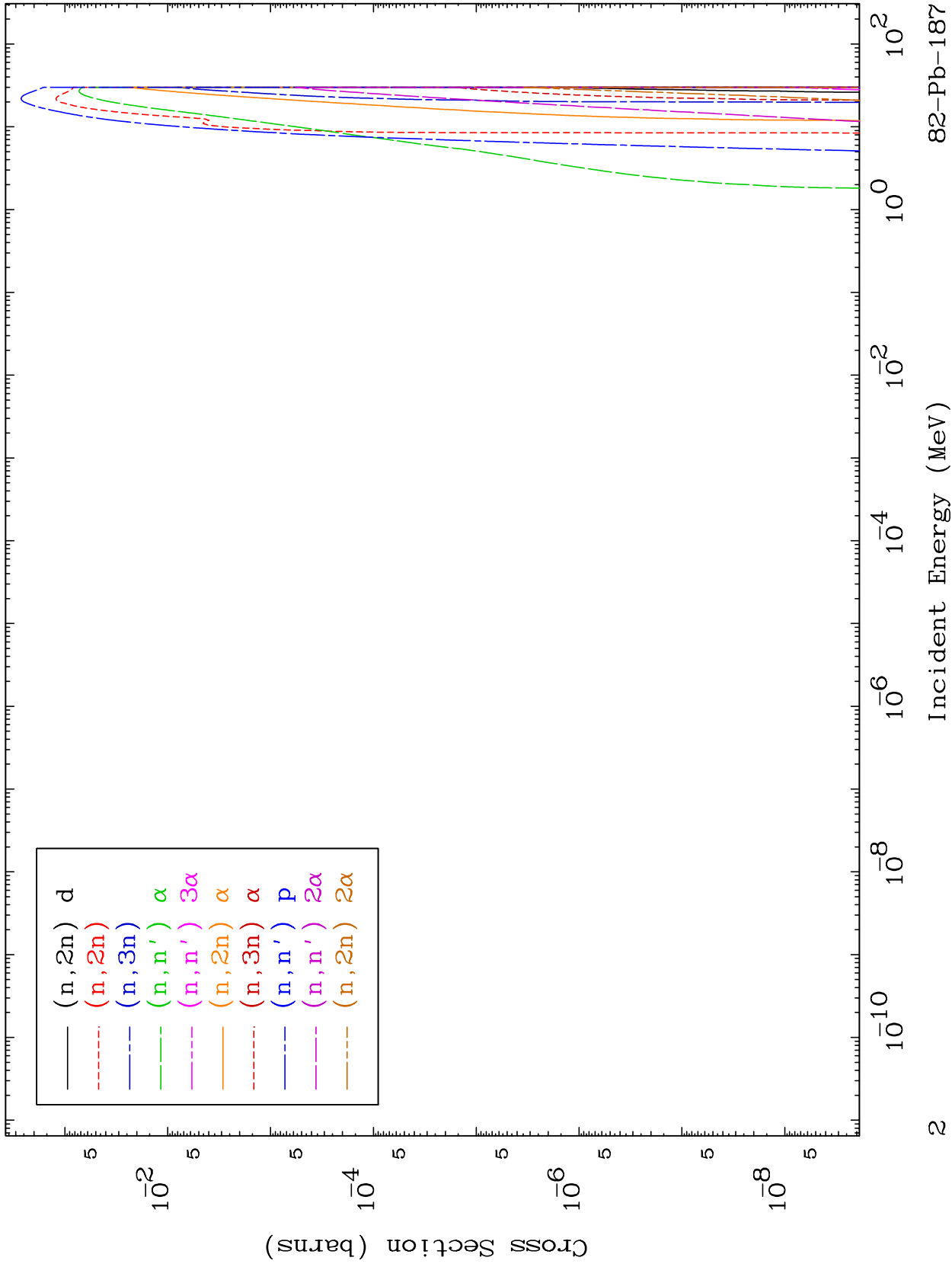
82-Pb-187



MAT 8174

Neutron Absorption
293 Kelvin Cross Sections

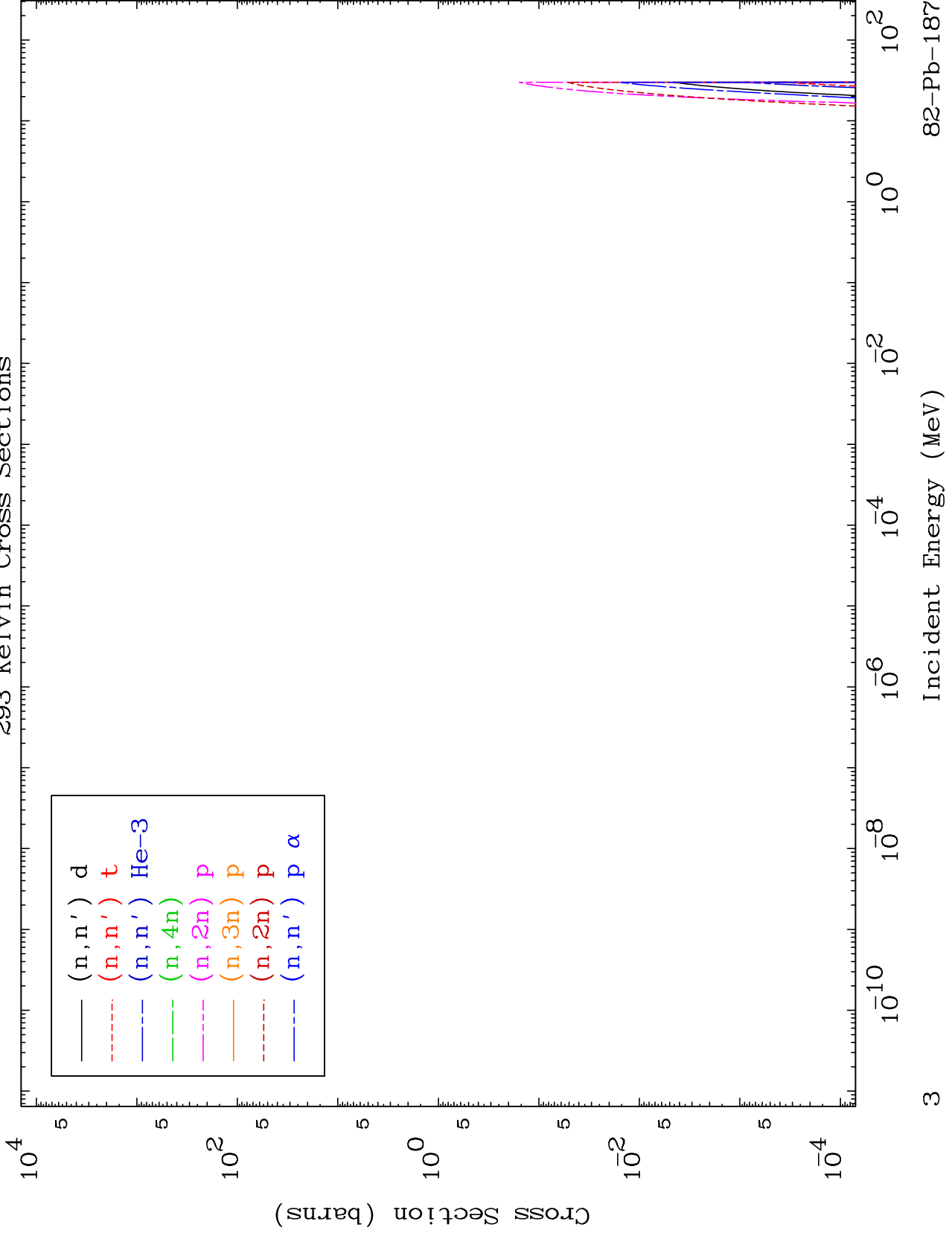
82-Pb-187



MAT 8174

Neutron Absorption
293 Kelvin Cross Sections

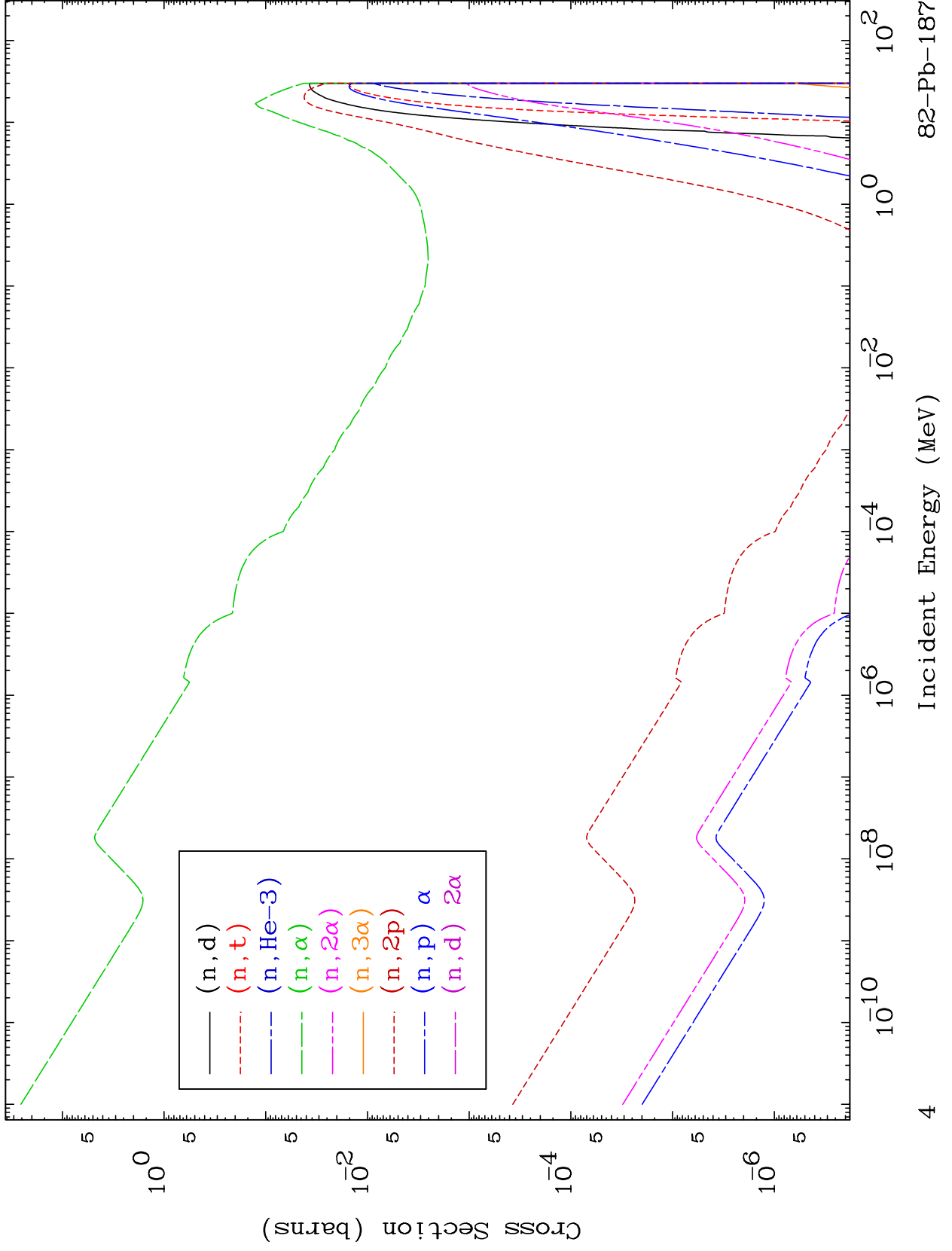
82-Pb-187

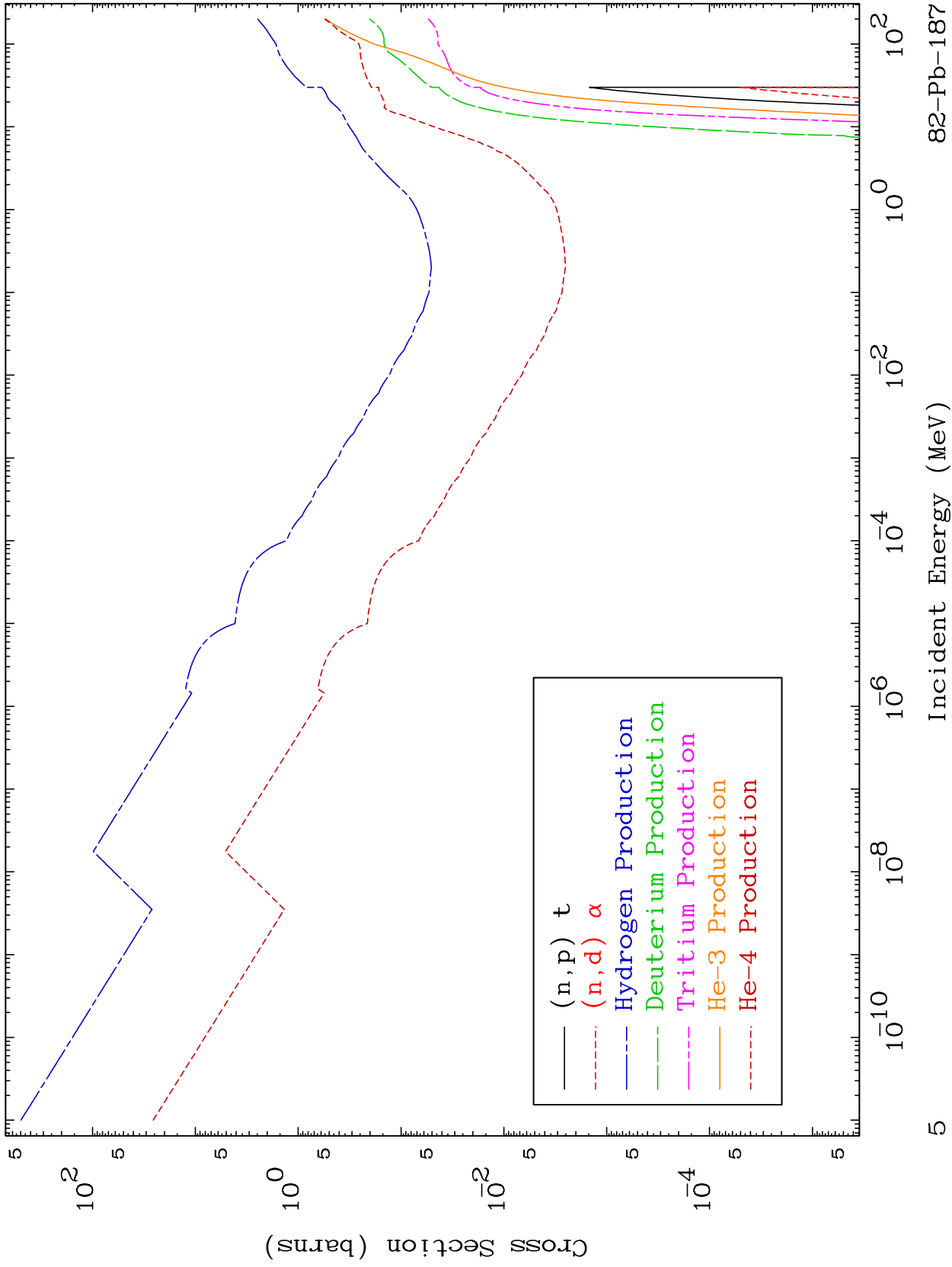


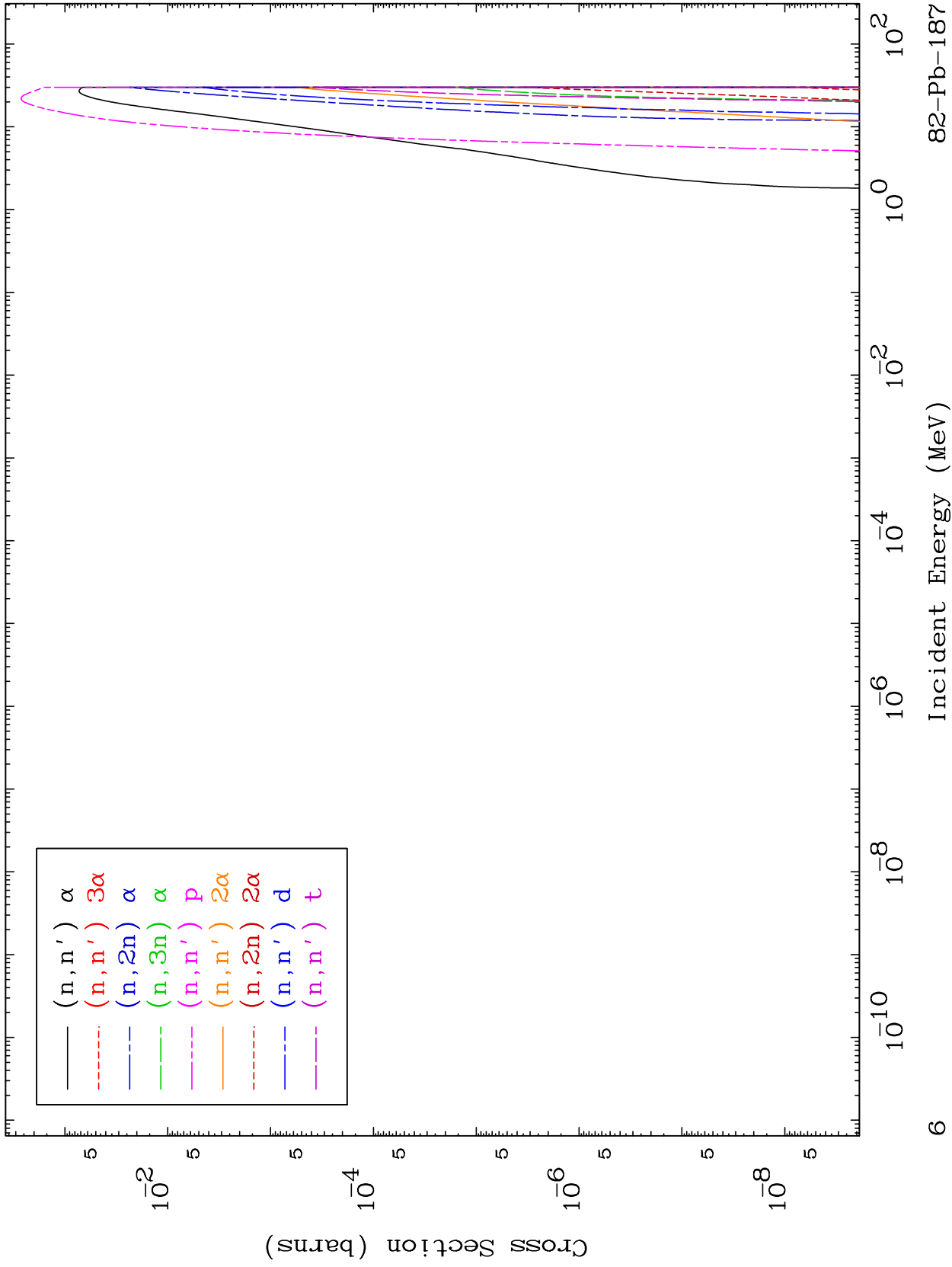
MAT 8174

Neutron Absorption
293 Kelvin Cross Sections

82-Pb-187



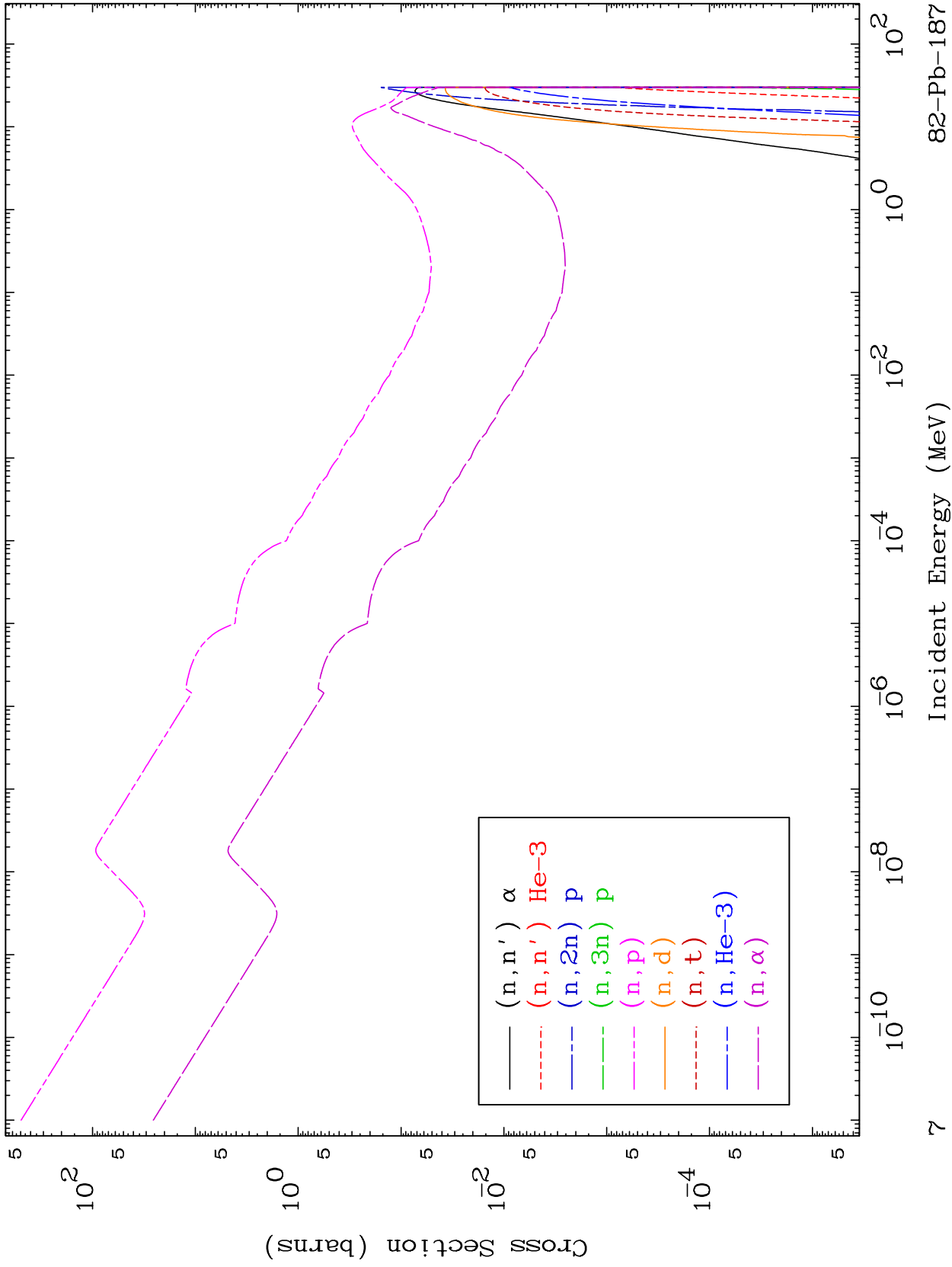




MAT 8174

Charged Particle
293 Kelvin Cross Sections

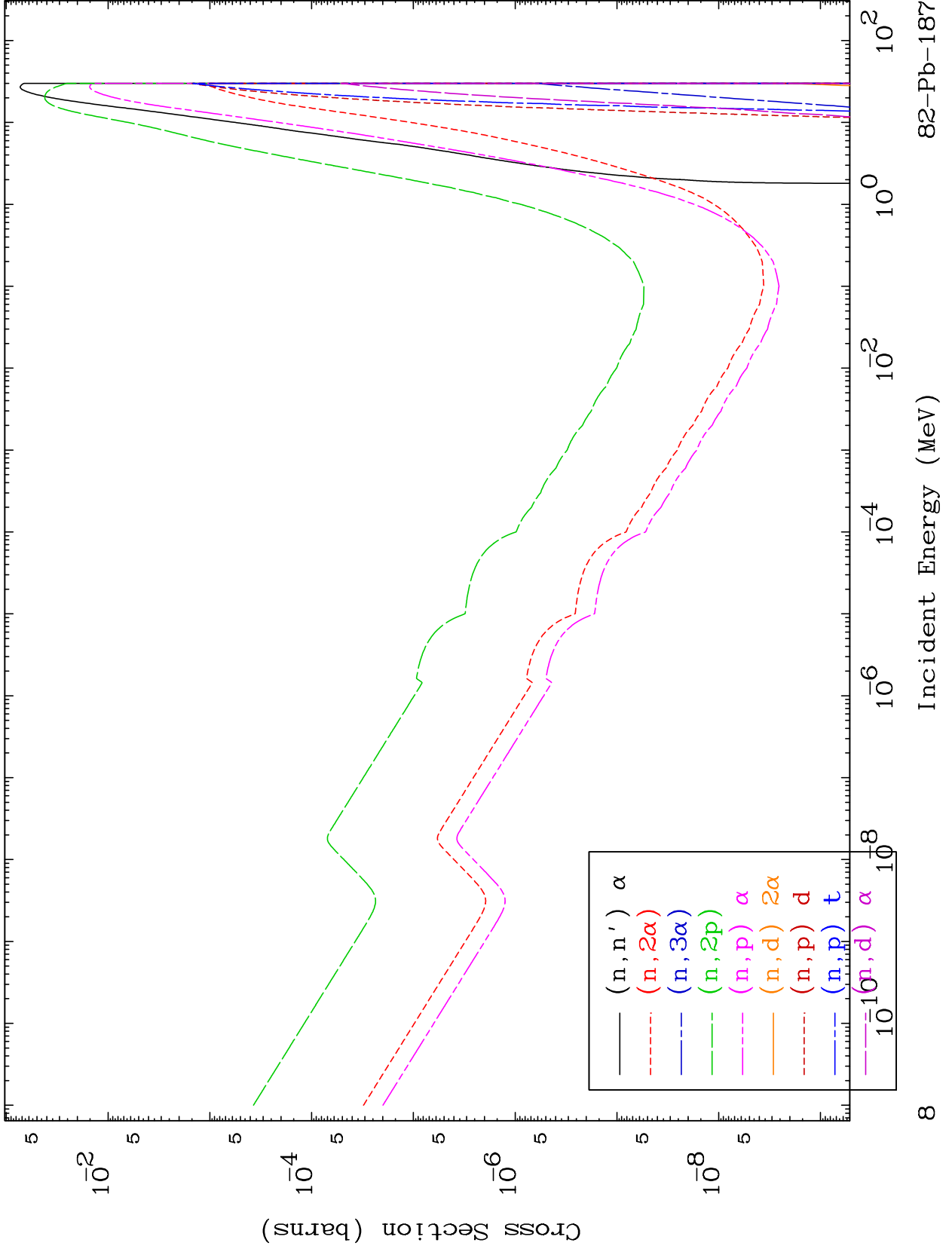
82-Pb-187

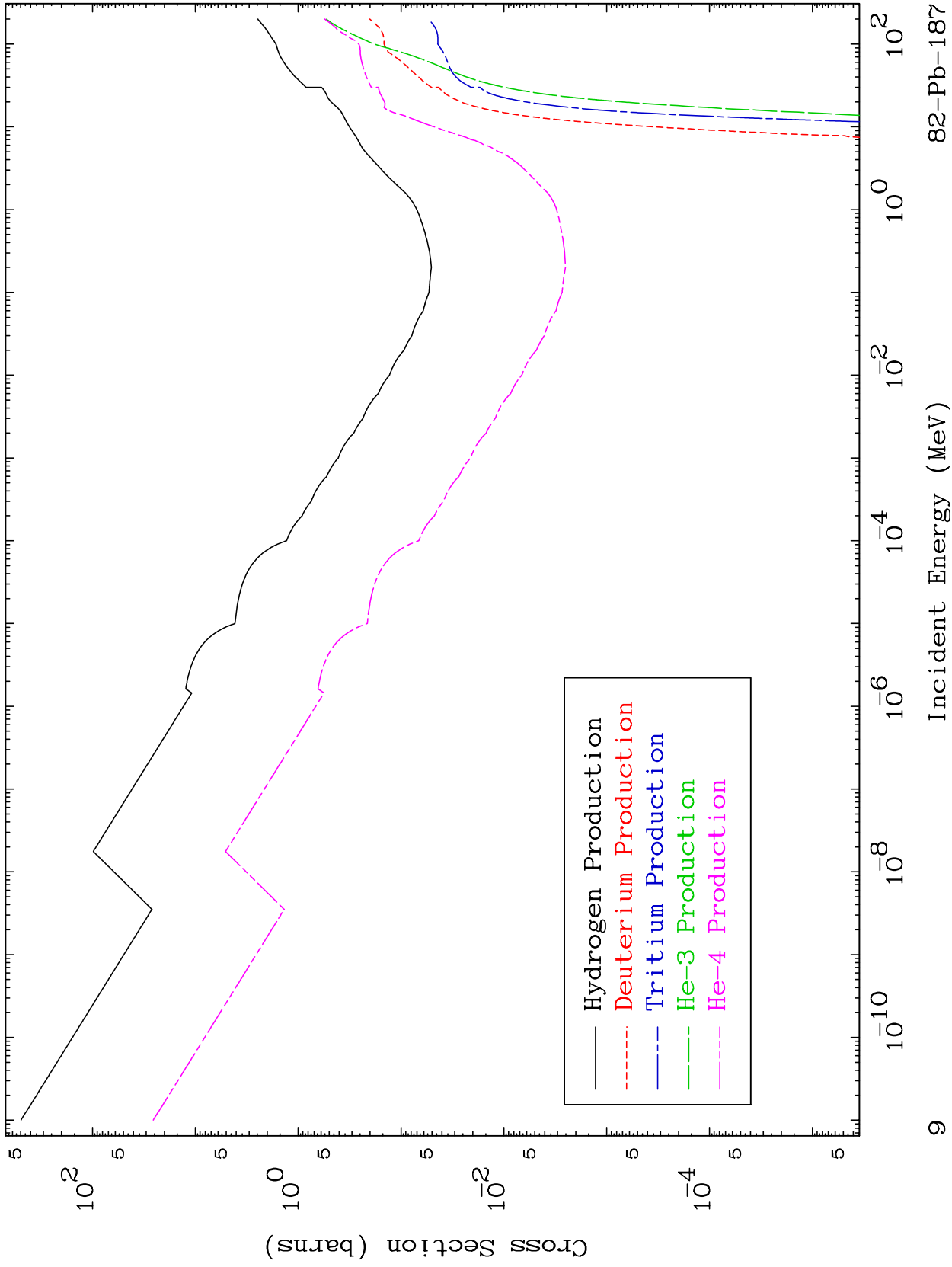


MAT 8174

Charged Particle
293 Kelvin Cross Sections

82-Pb-187



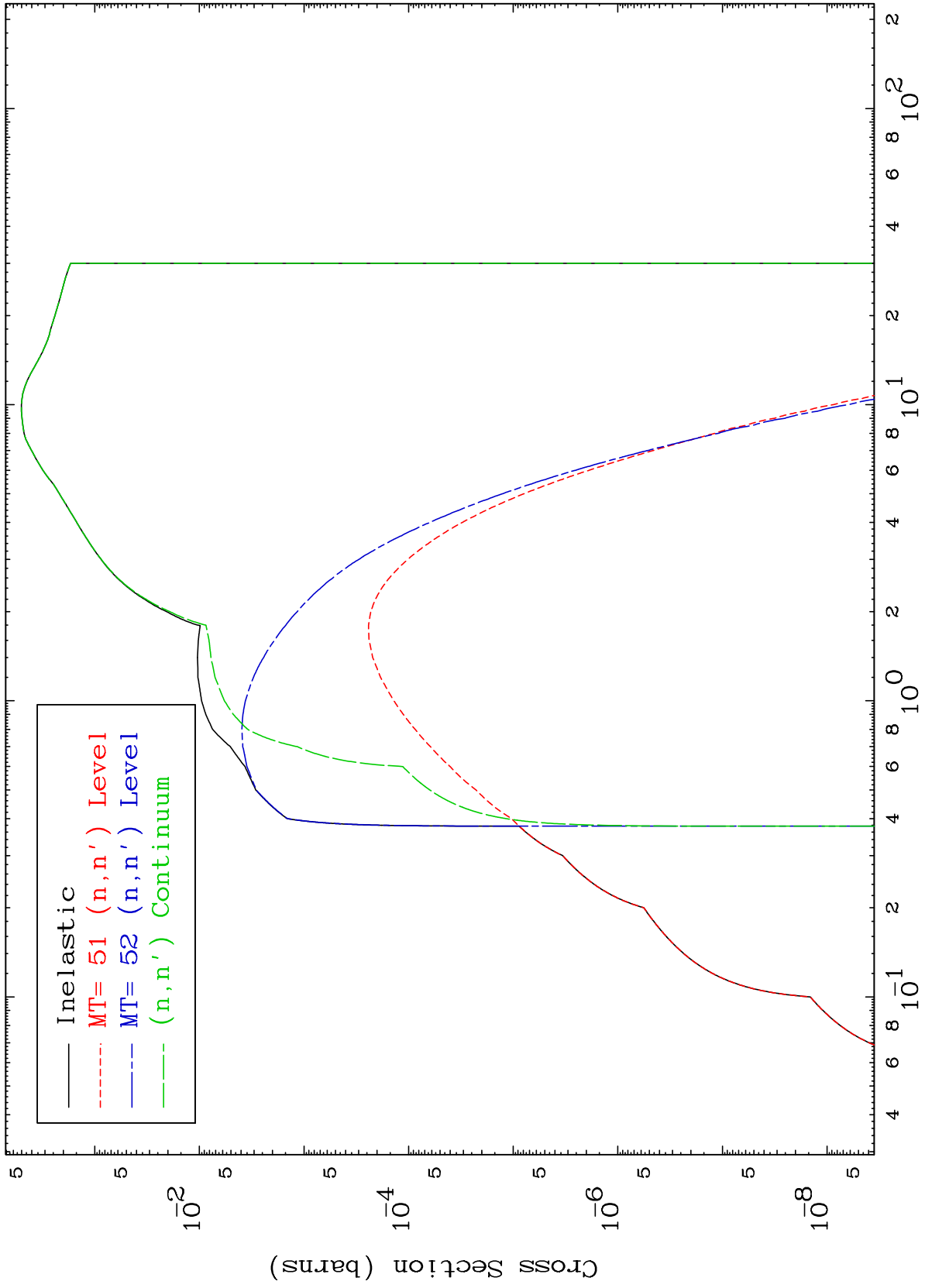


MAT 8174

(n,n') Levels

82-Pb-187

293 Kelvin Cross Sections



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

10

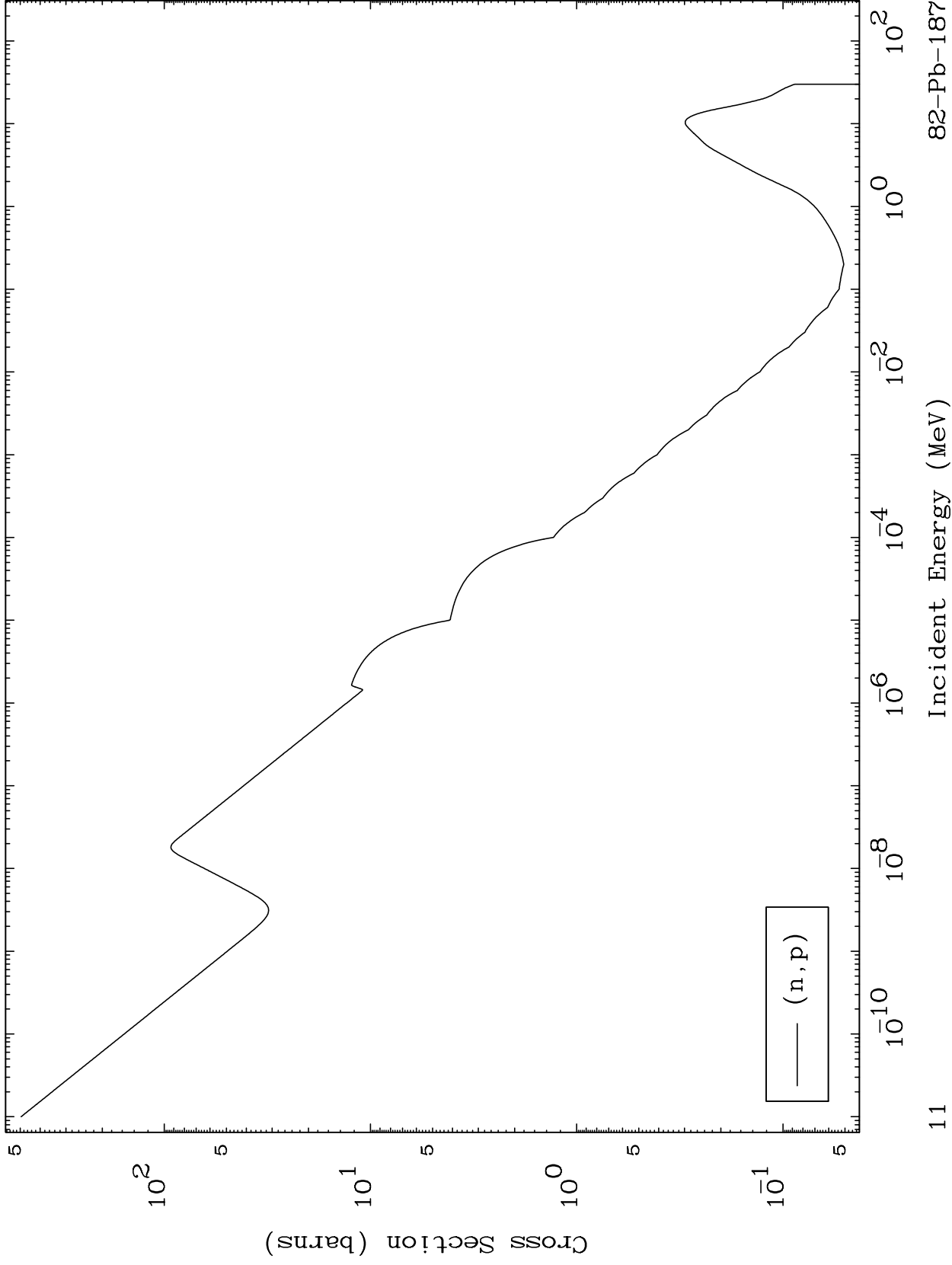
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,p) Levels
293 Kelvin Cross Sections

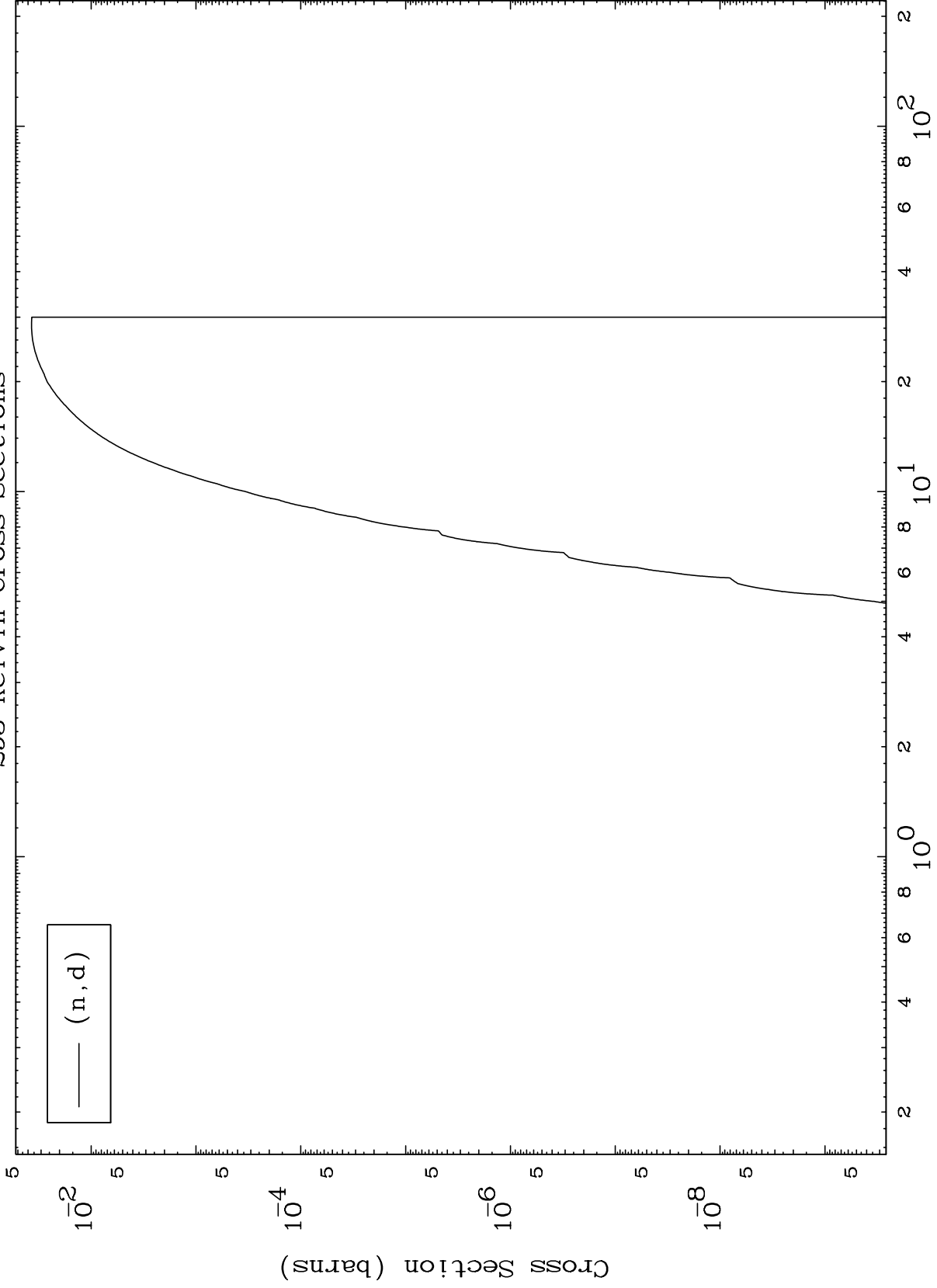
82-Pb-187



MAT 8174

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-187



(n,d)

12

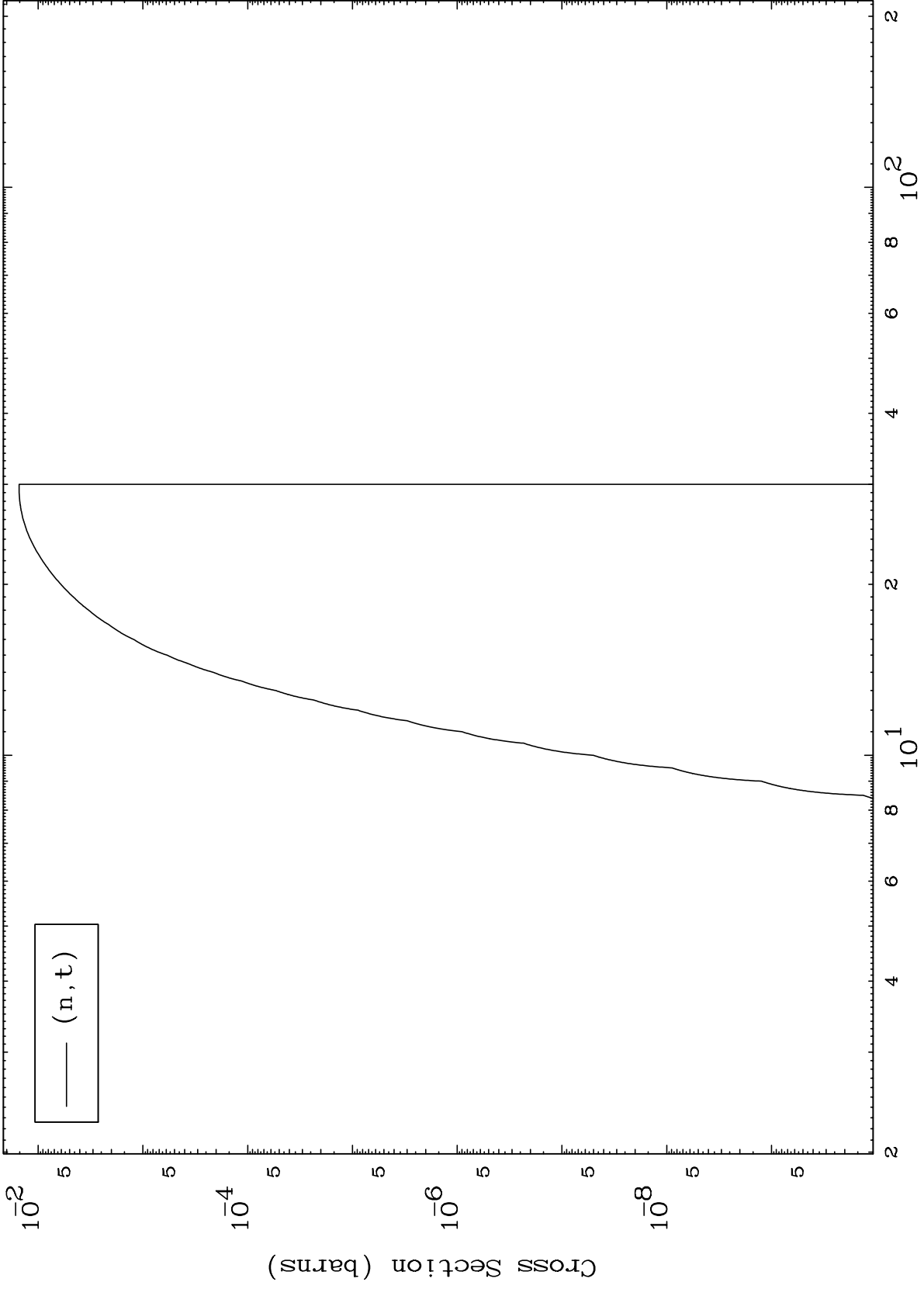
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-187



13

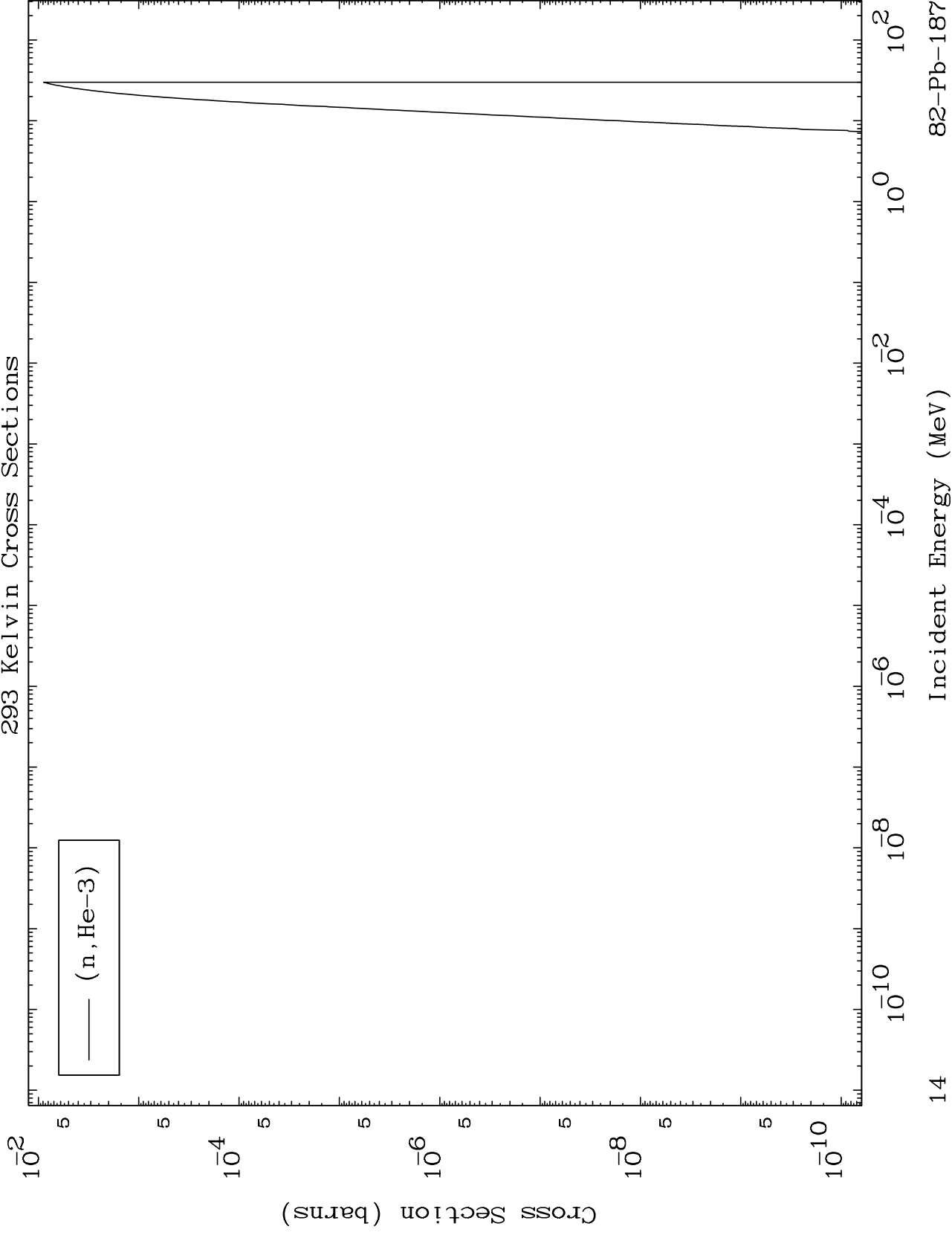
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,He3) Levels
293 Kelvin Cross Sections

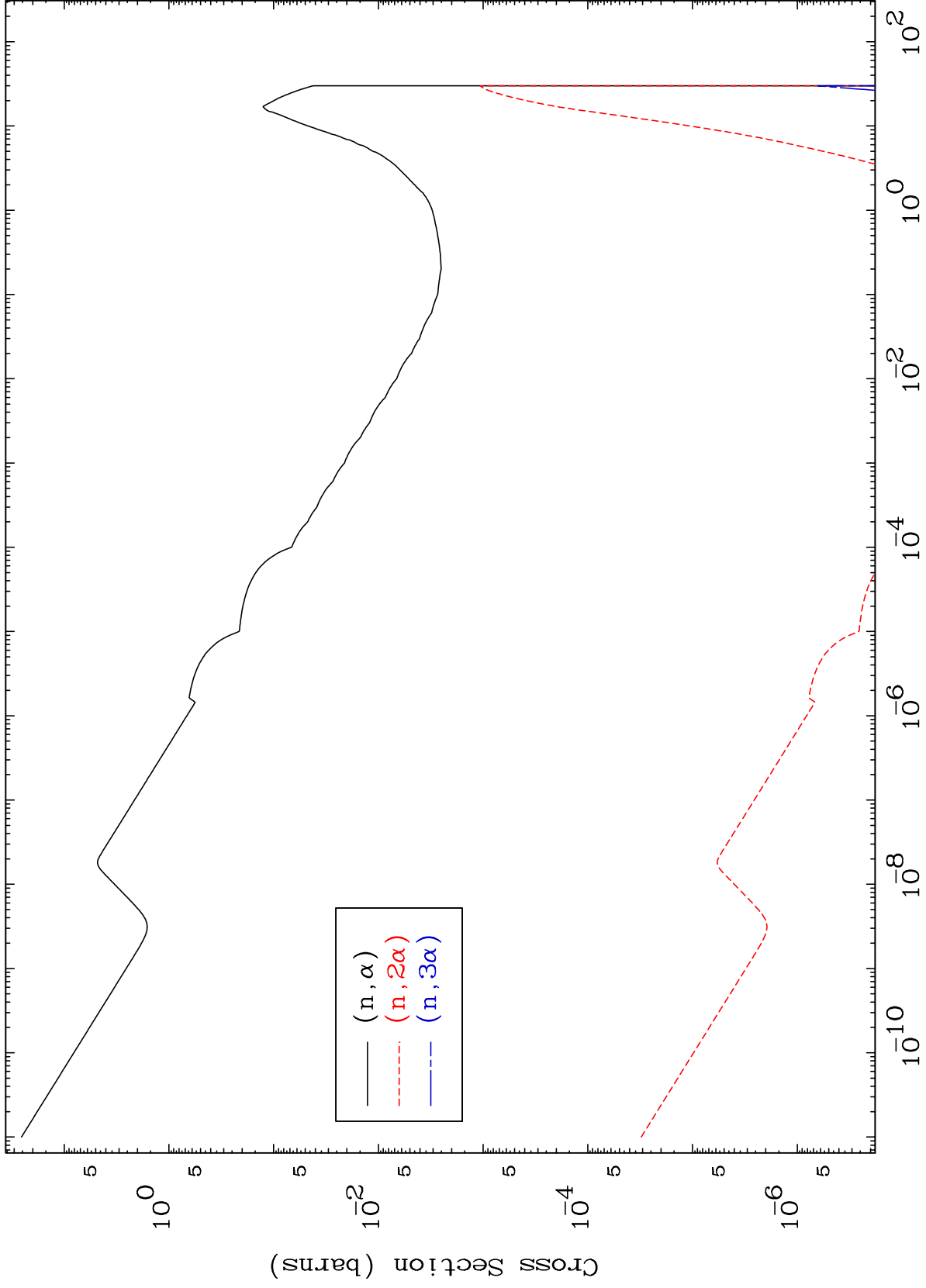
82-Pb-187



MAT 8174

(n, α) Levels
293 Kelvin Cross Sections

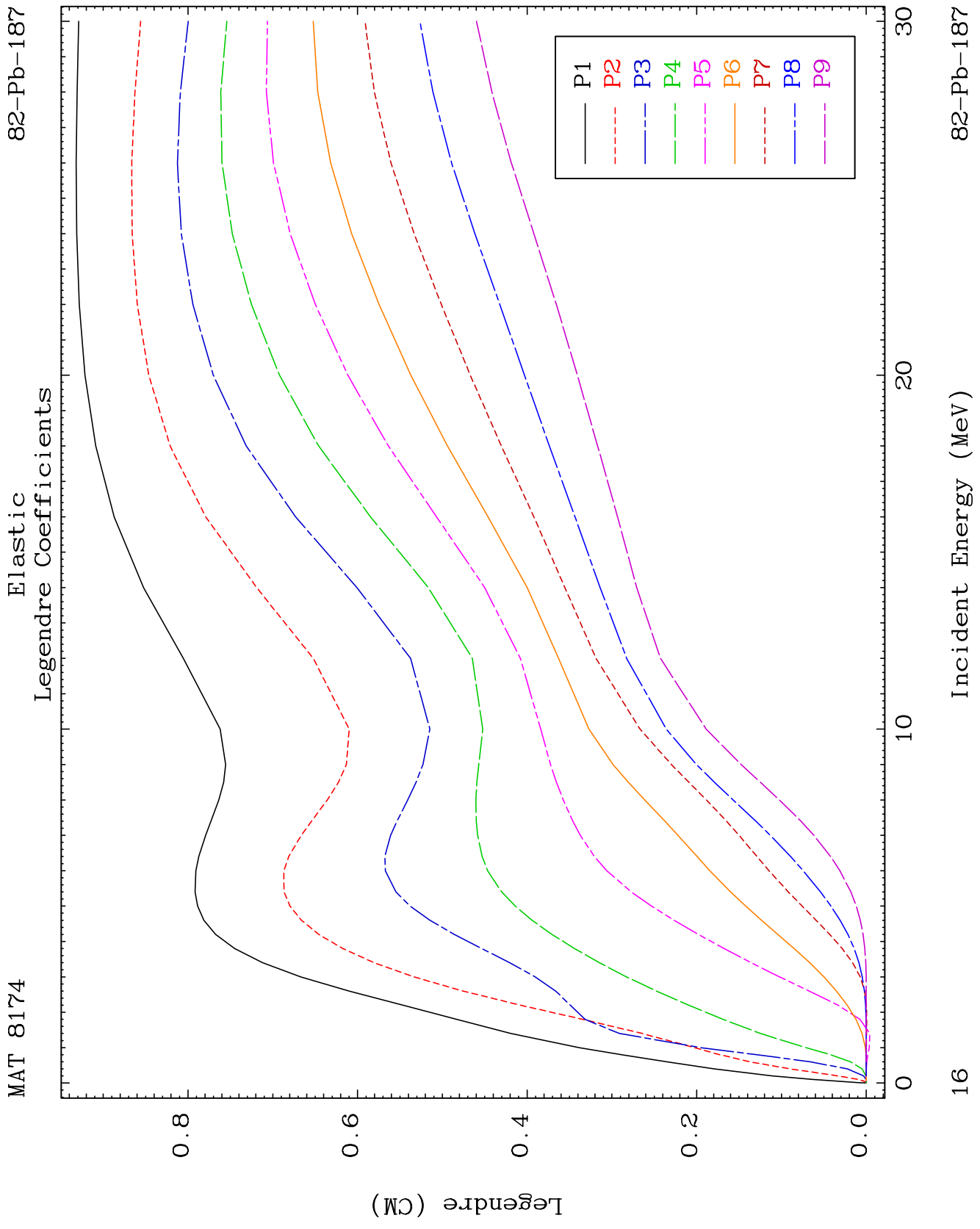
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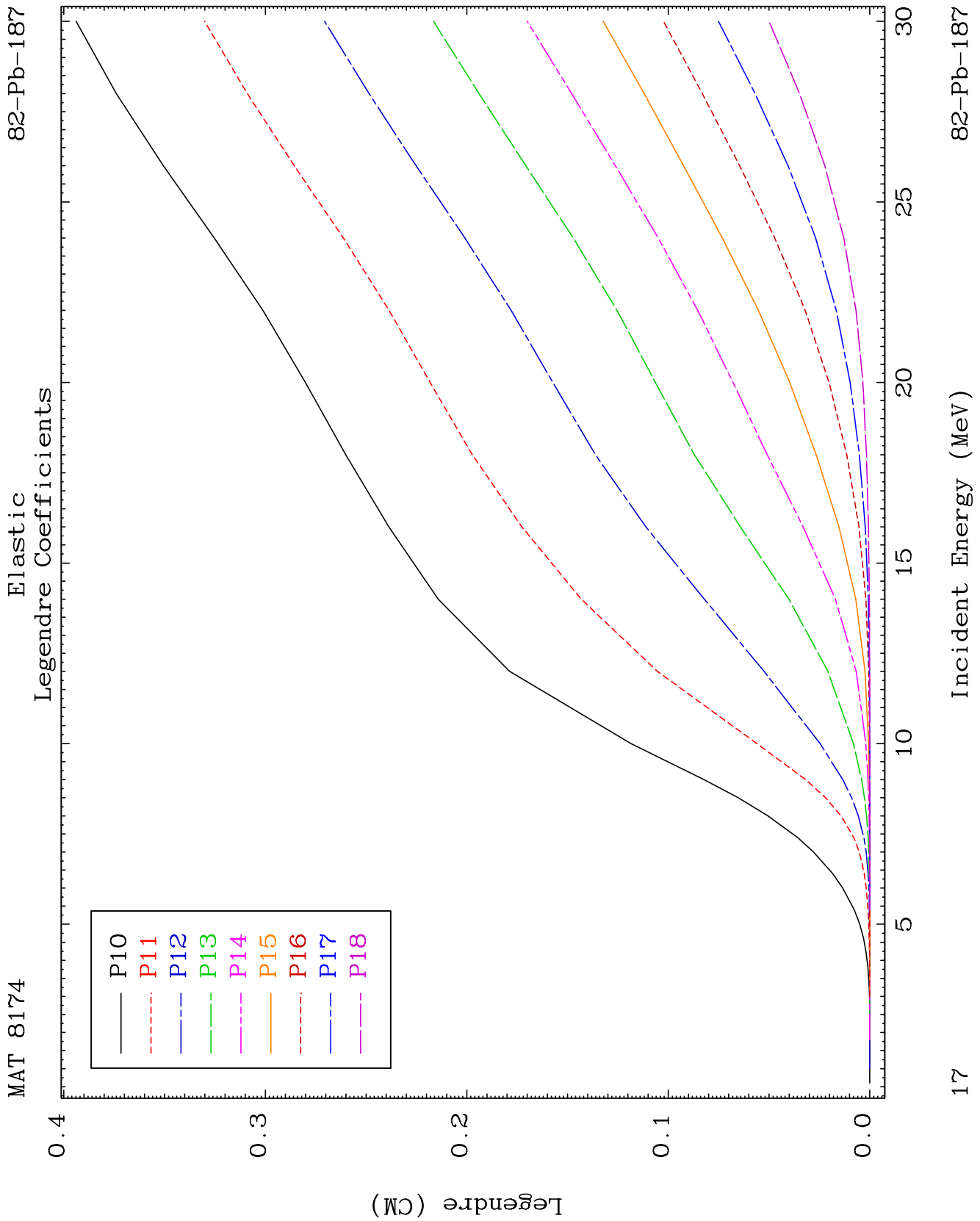


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Incident Energy (MeV)

82-Pb-187

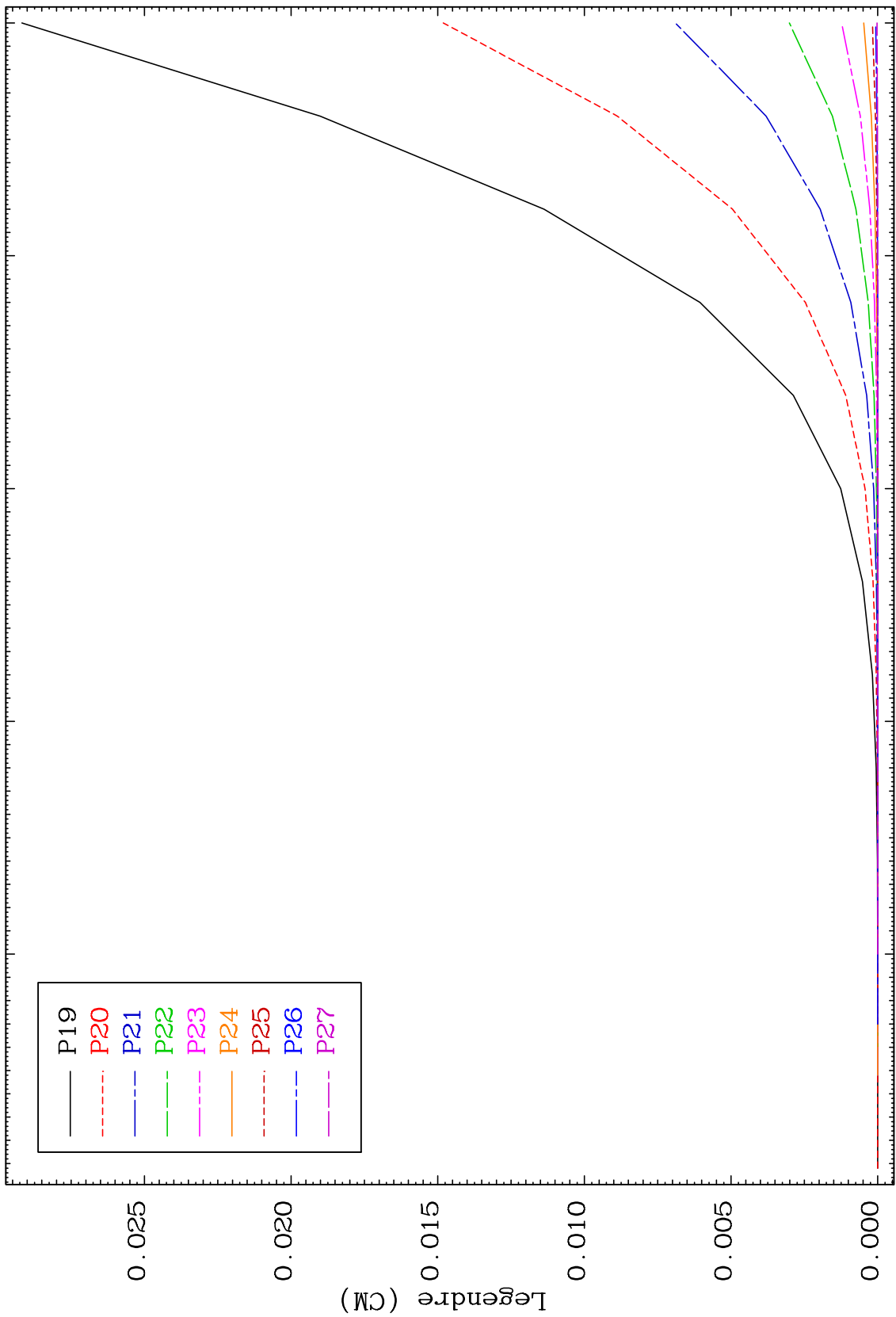




MAT 8174

Elastic Legendre Coefficients

82-Pb-187



18

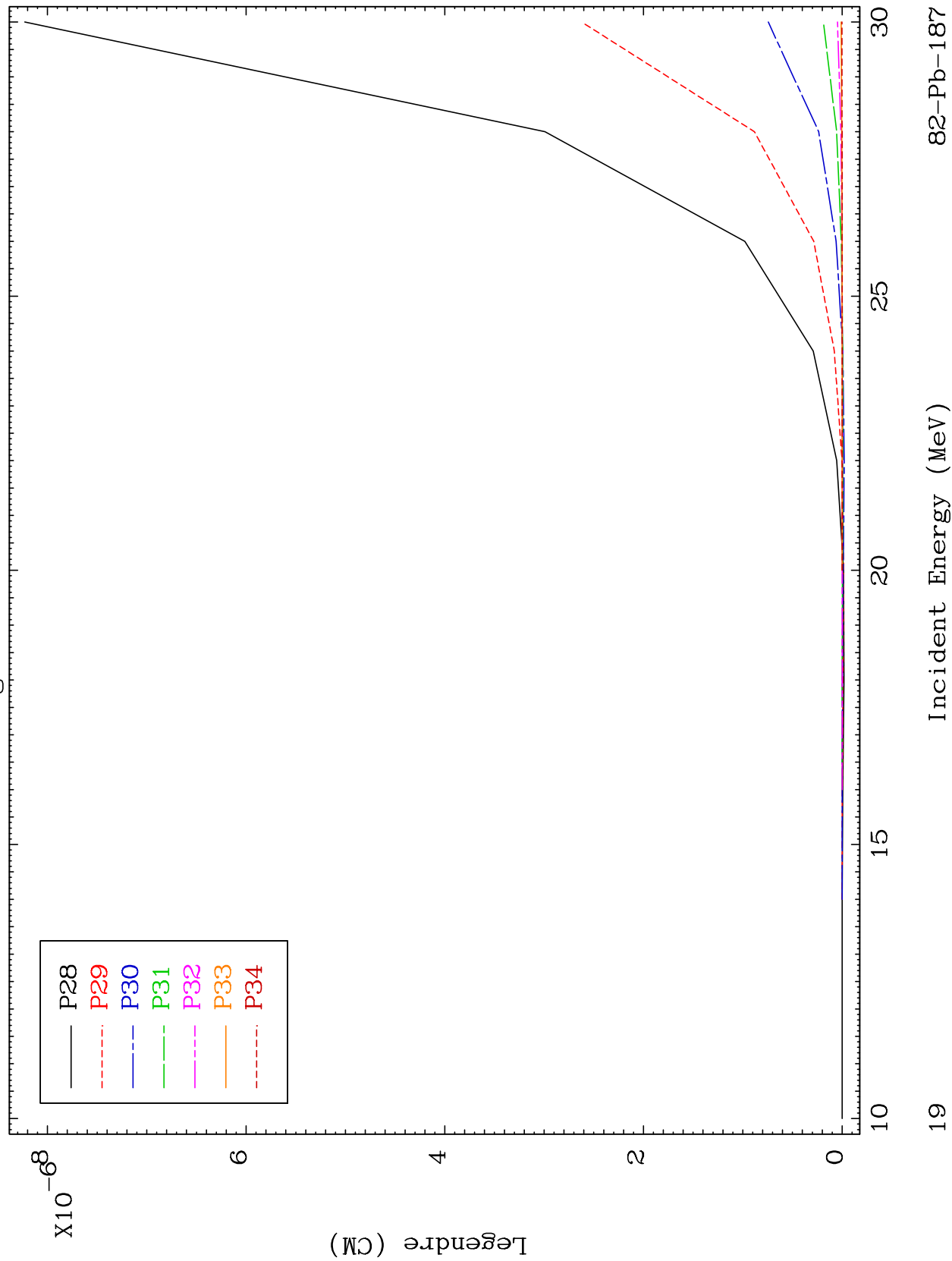
Incident Energy (MeV)

82-Pb-187

MAT 8174

Elastic
Legendre Coefficients

82-Pb-187



19

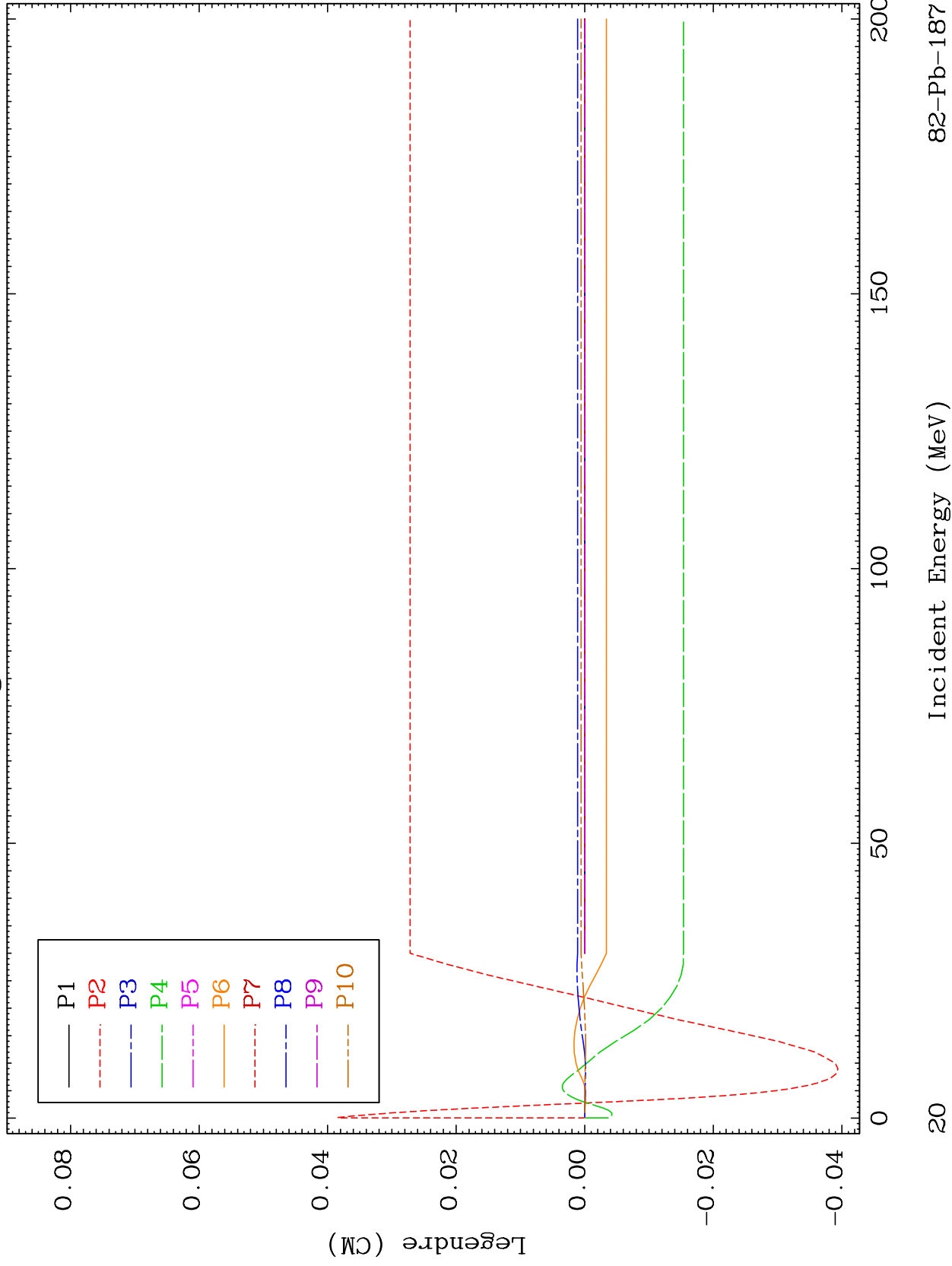
Incident Energy (MeV)

82-Pb-187

MAT 8174

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

82-Pb-187



82-Pb-187

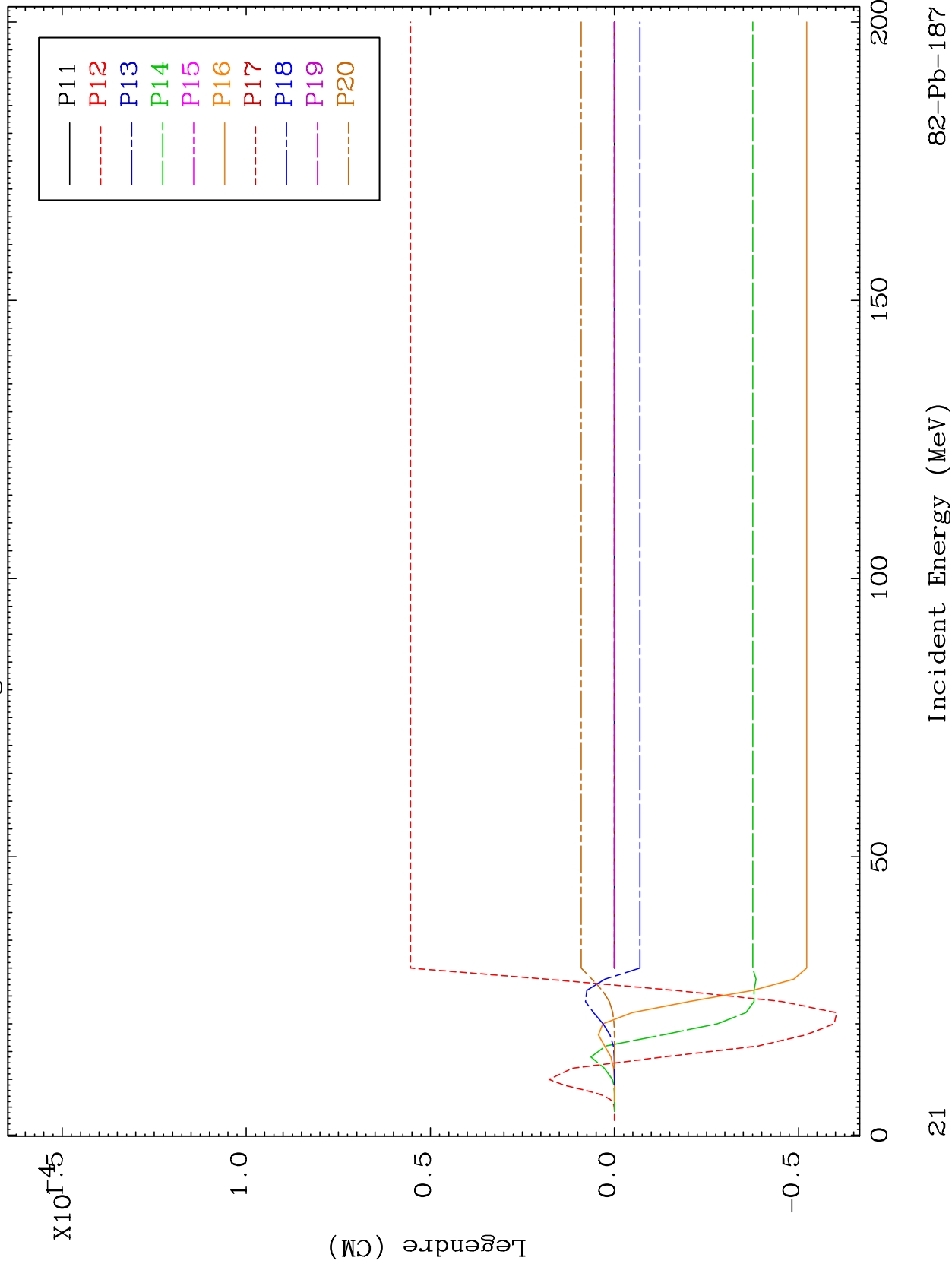
Incident Energy (MeV)

20

MAT 8174

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

82-Pb-187



21

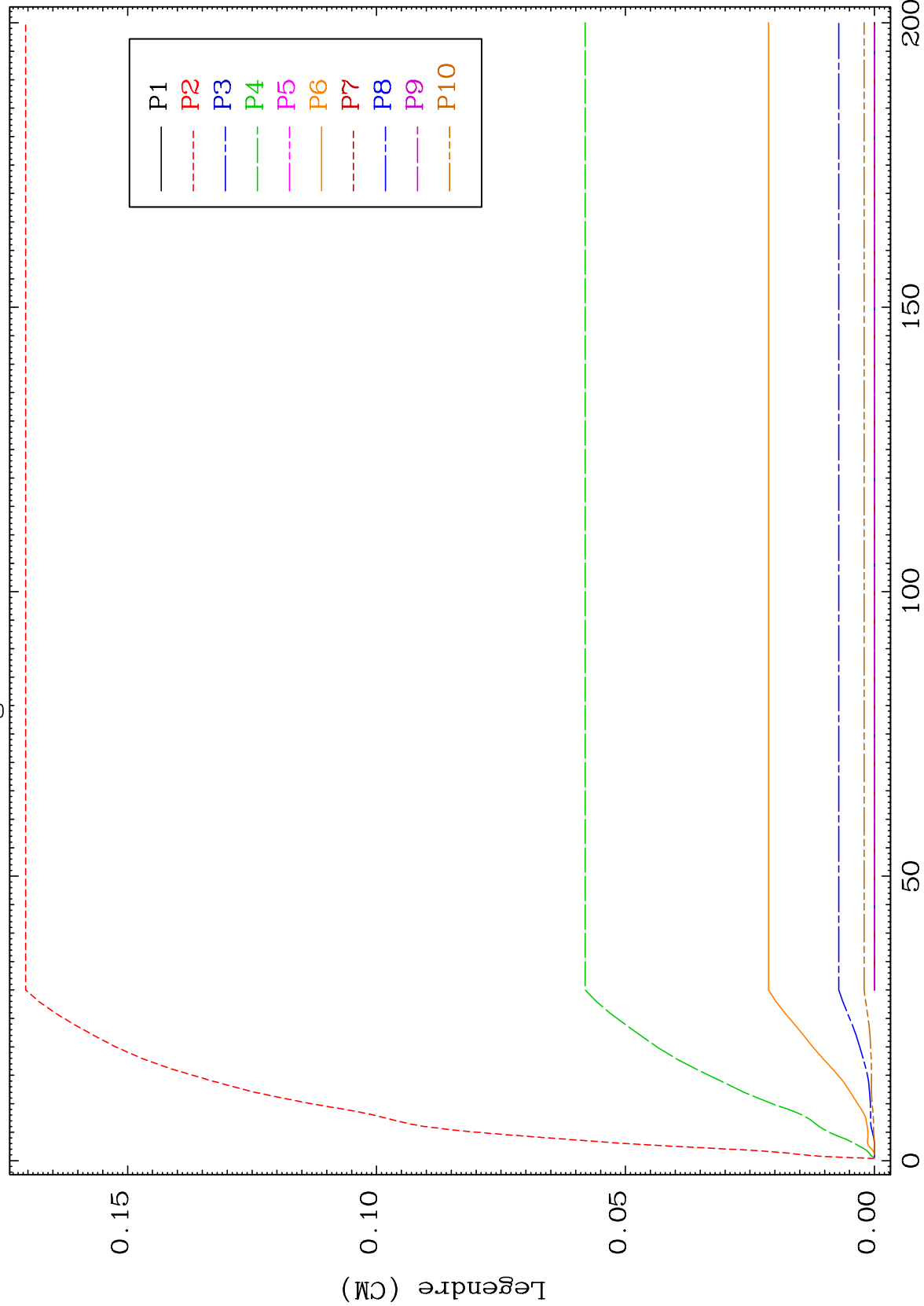
Incident Energy (MeV)

82-Pb-187

MAT 8174

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

82-Pb-187



23

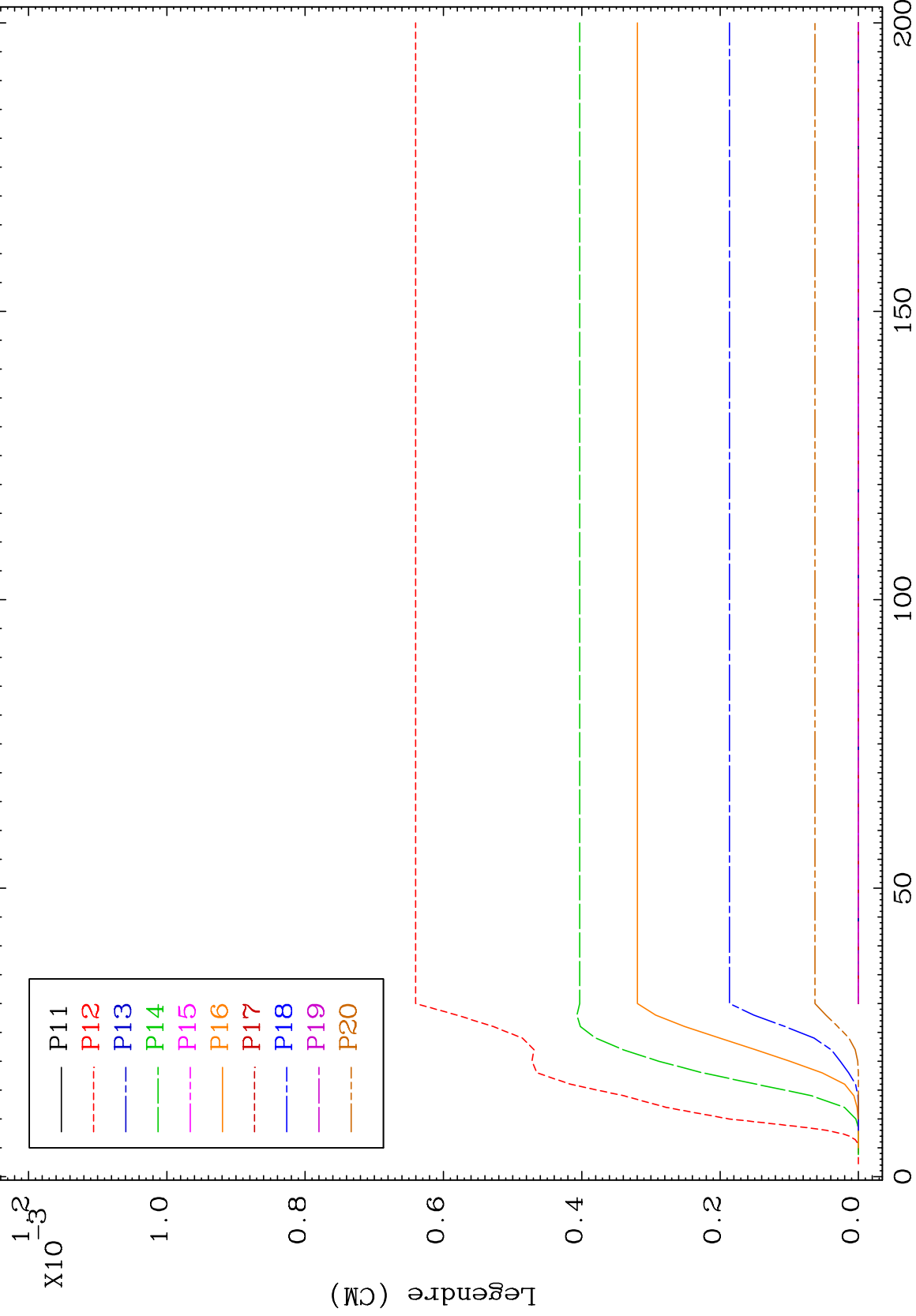
Incident Energy (MeV)

82-Pb-187

MAT 8174

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

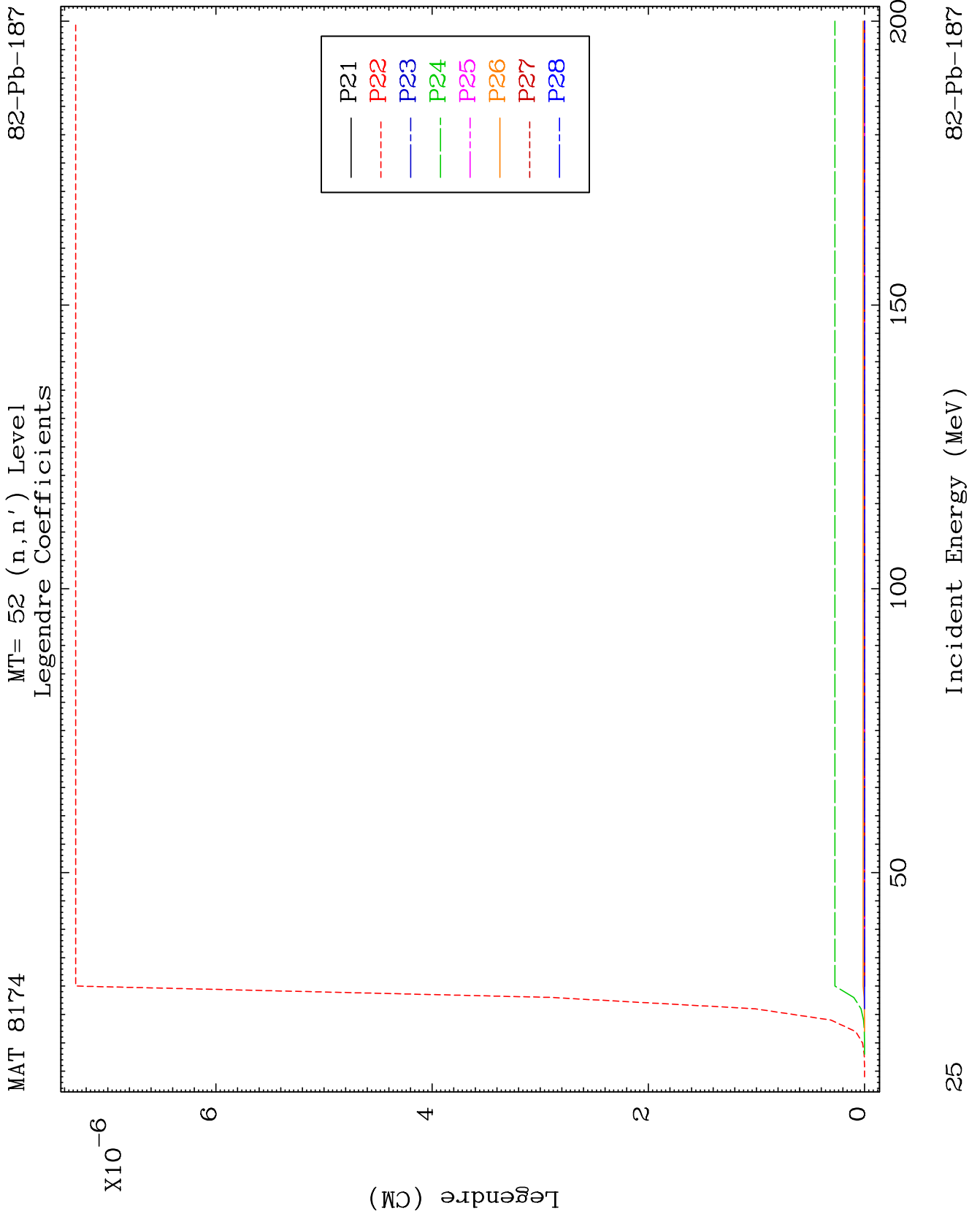
82-Pb-187



24

Incident Energy (MeV)

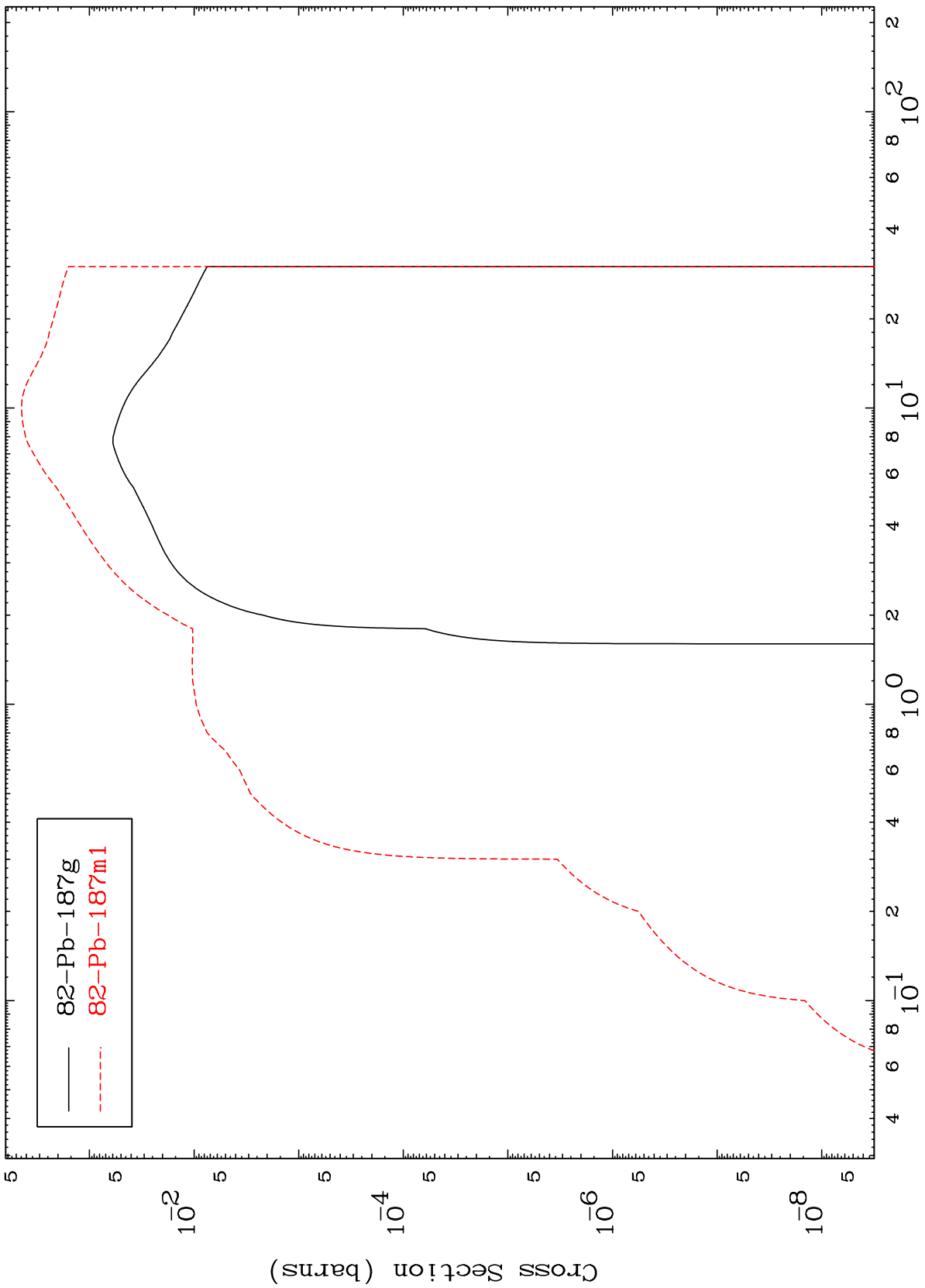
82-Pb-187



MAT 8174

82-Pb-187

Inelastic
Radionuclide Production Cross Section



26

82-Pb-187

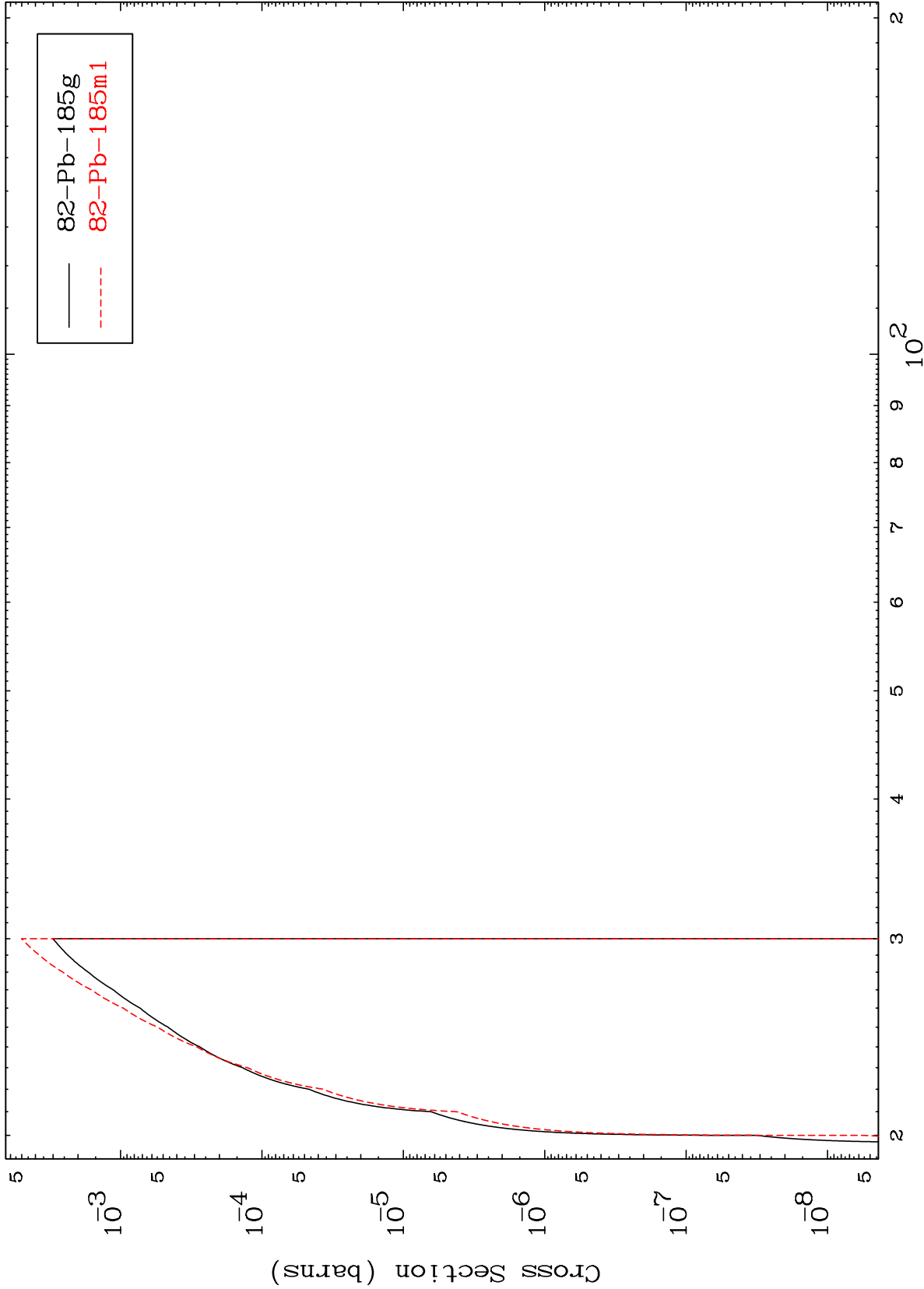
Incident Energy (MeV)

MAT 8174

(n,3n)

82-Pb-187

Radionuclide Production Cross Section



27

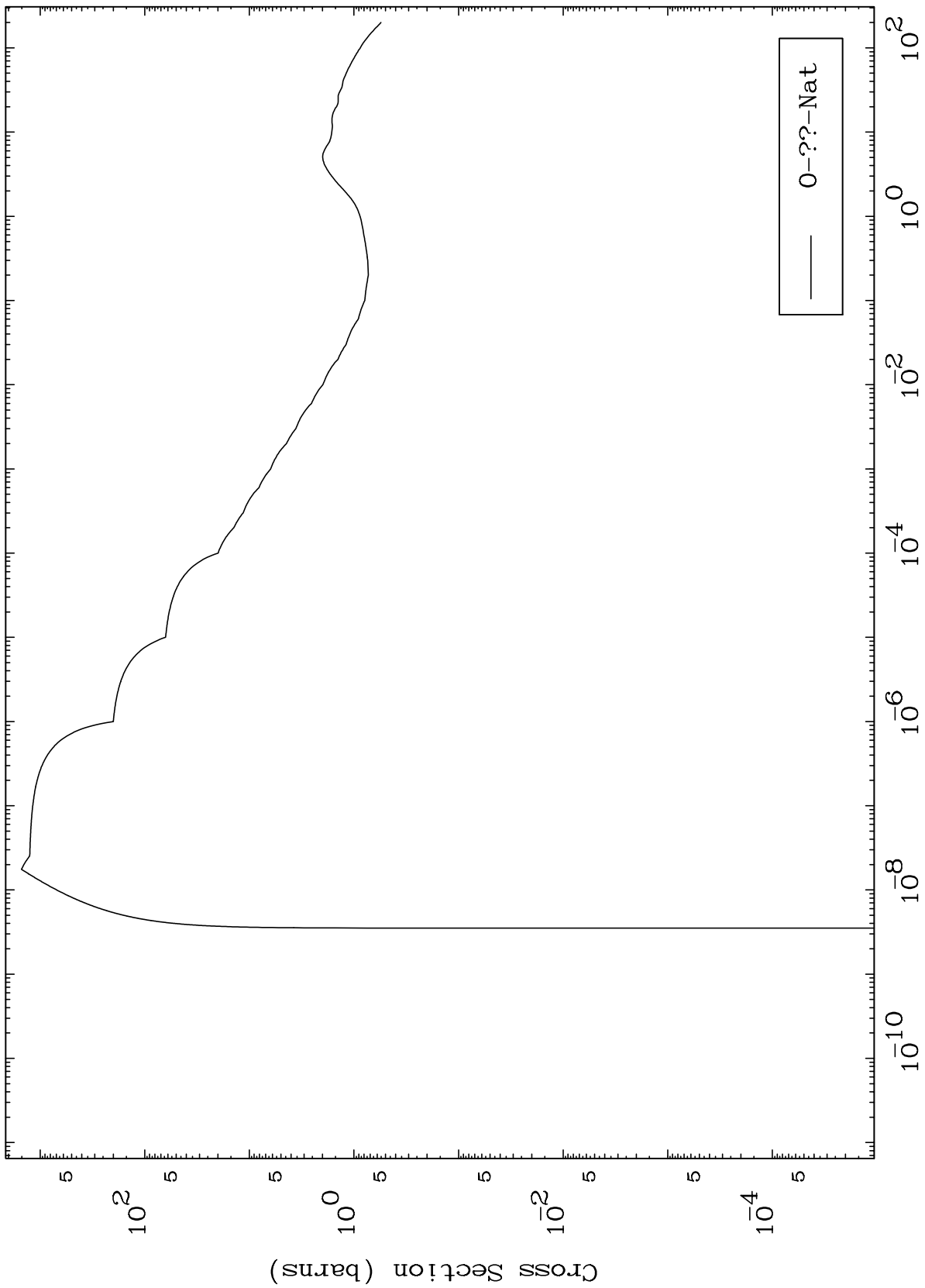
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

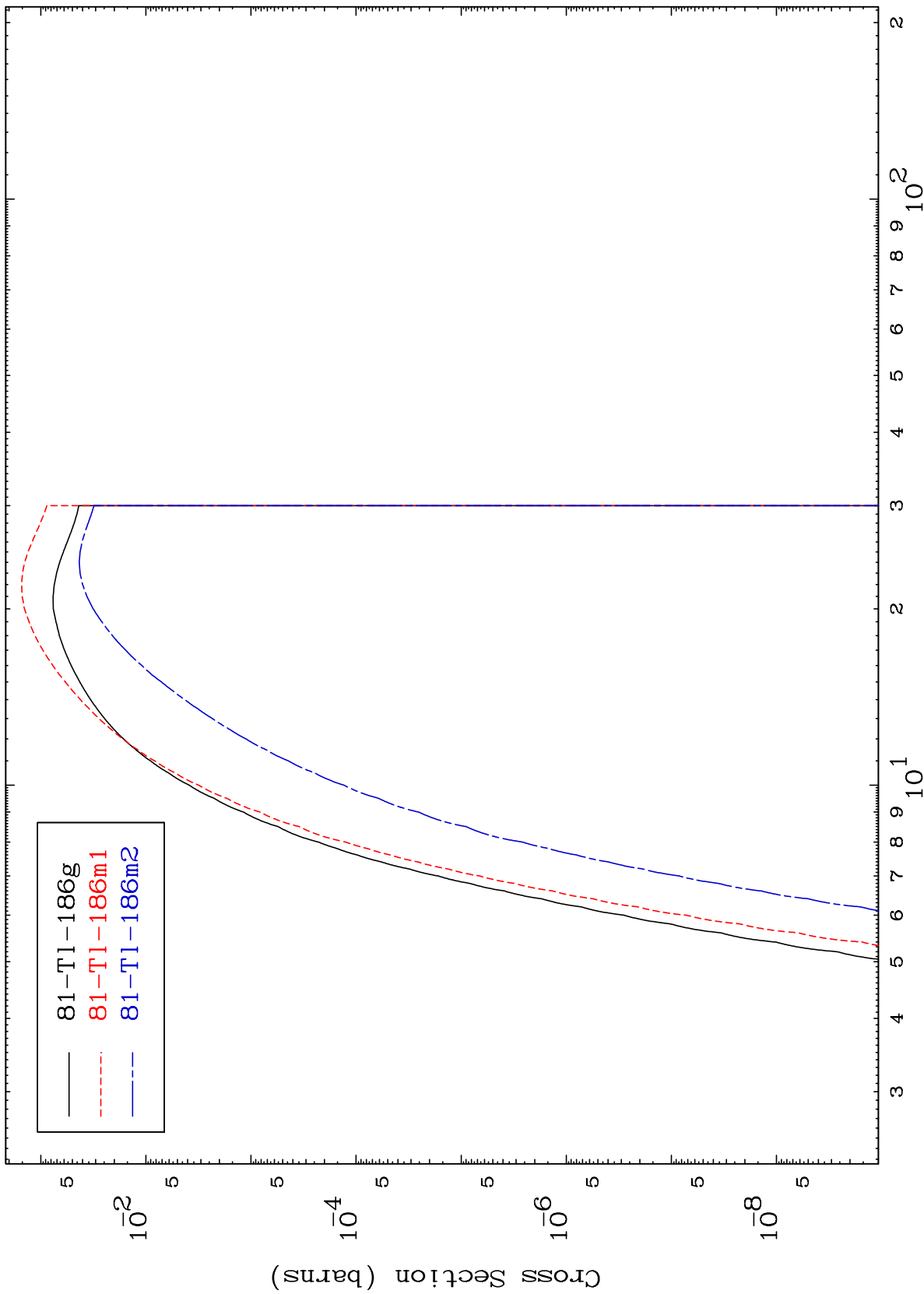
Fission
Radionuclide Production Cross Section



MAT 8174

82-Pb-187

(n,n') p
Radionuclide Production Cross Section



29

Incident Energy (MeV)

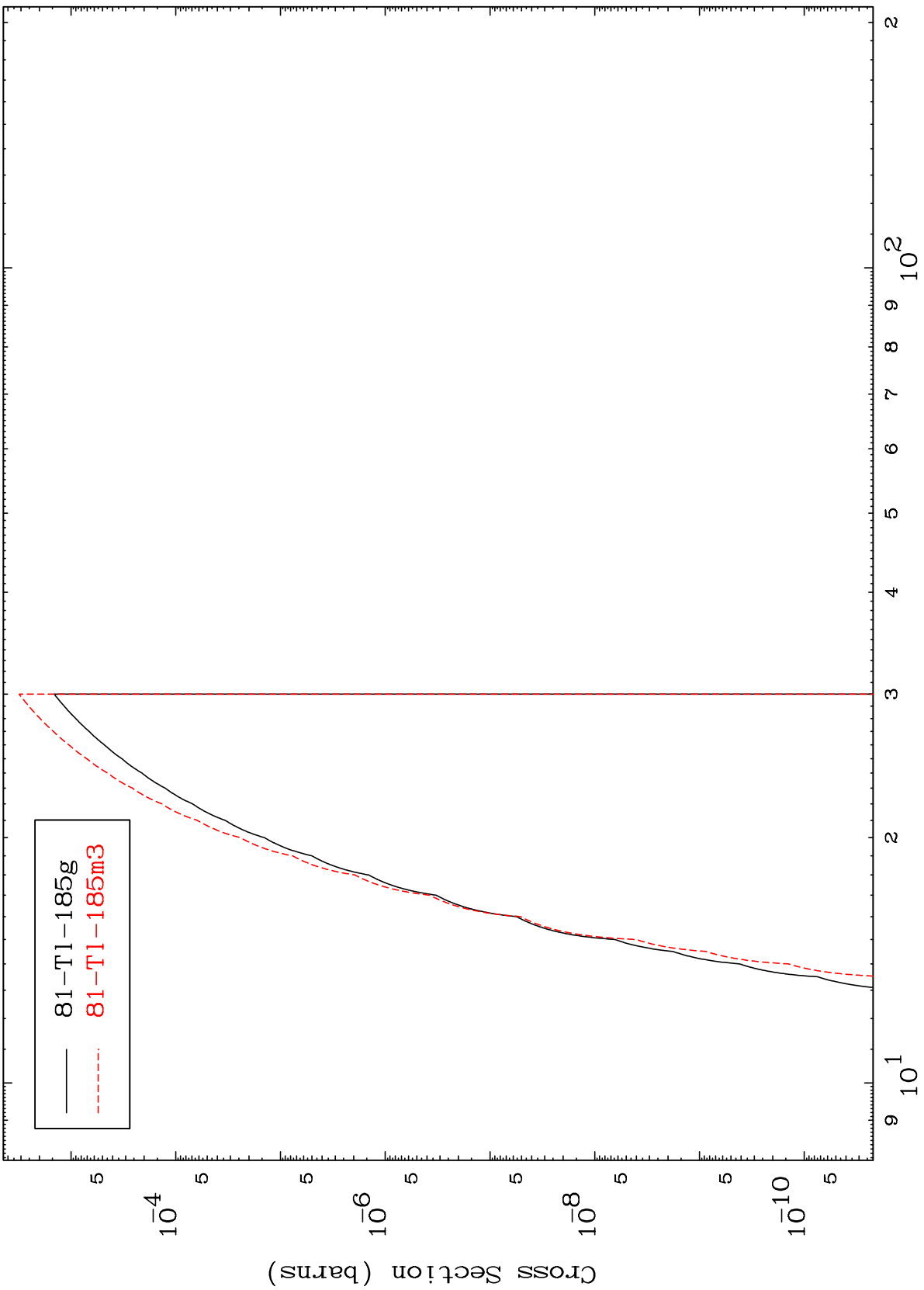
82-Pb-187

MAT 8174

(n,n') d

82-Pb-187

Radionuclide Production Cross Section

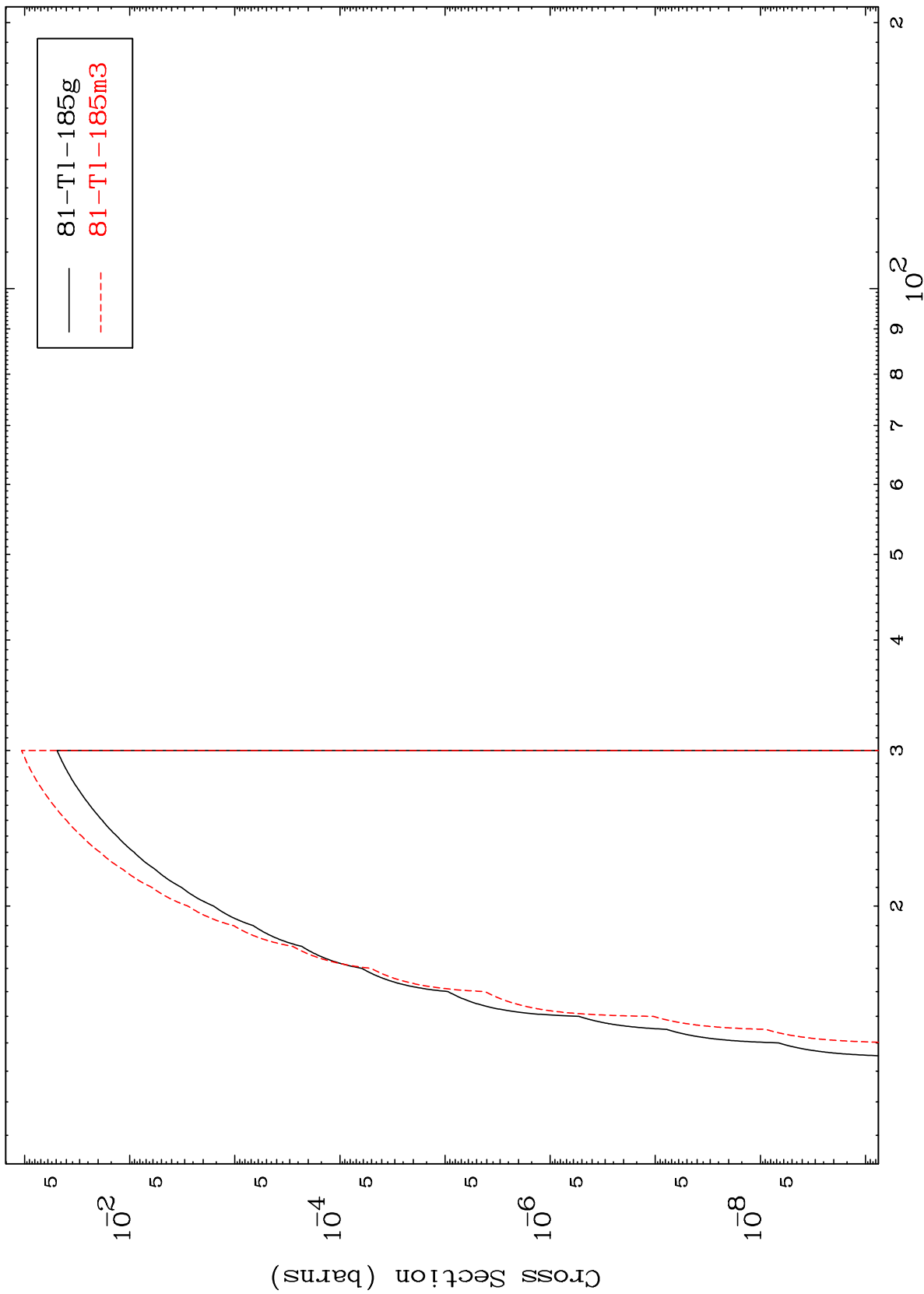


30

Incident Energy (MeV)

82-Pb-187

Radionuclide Production Cross Section

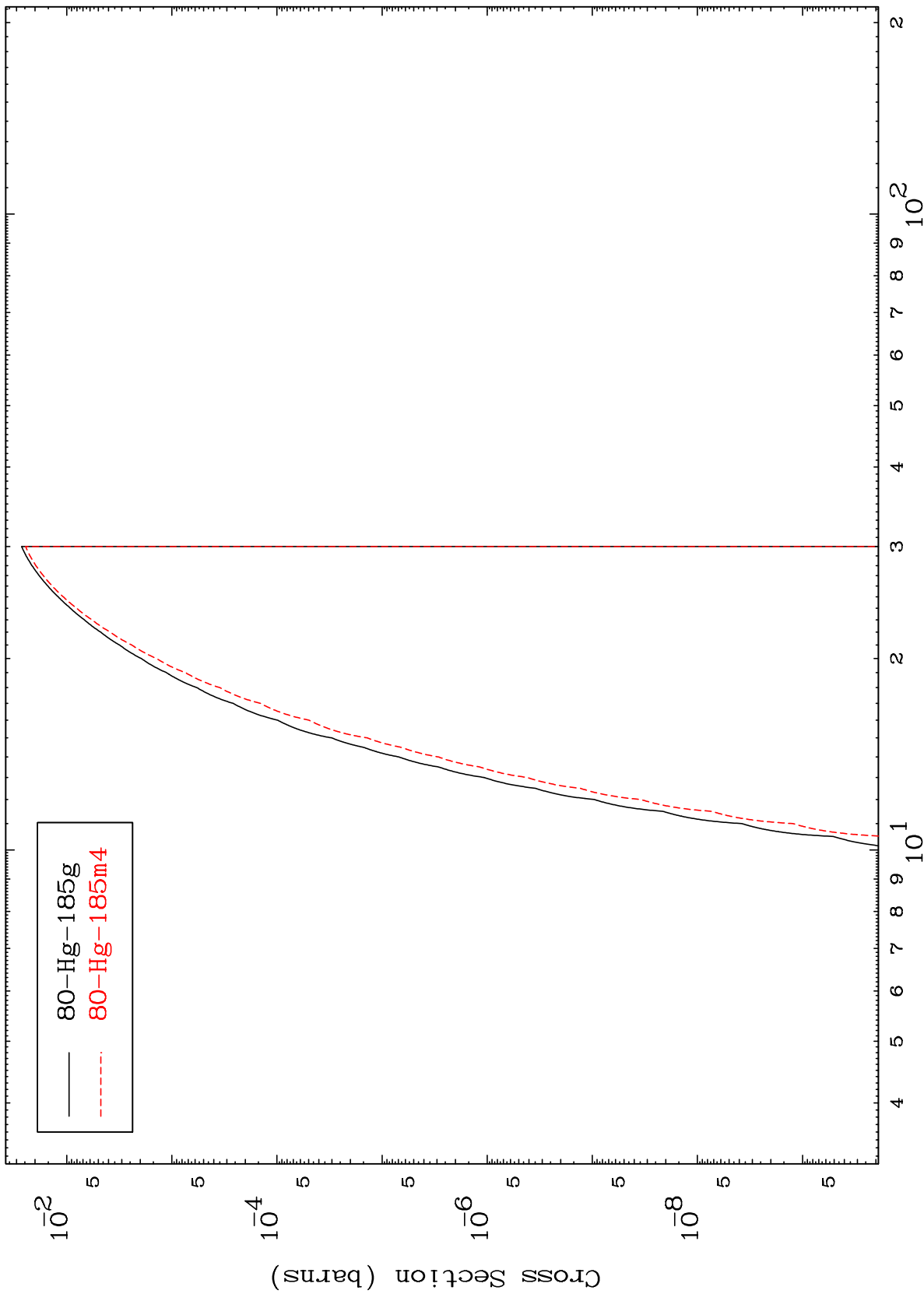


MAT 8174

(n,2n) p

82-Pb-187

Radionuclide Production Cross Section



32

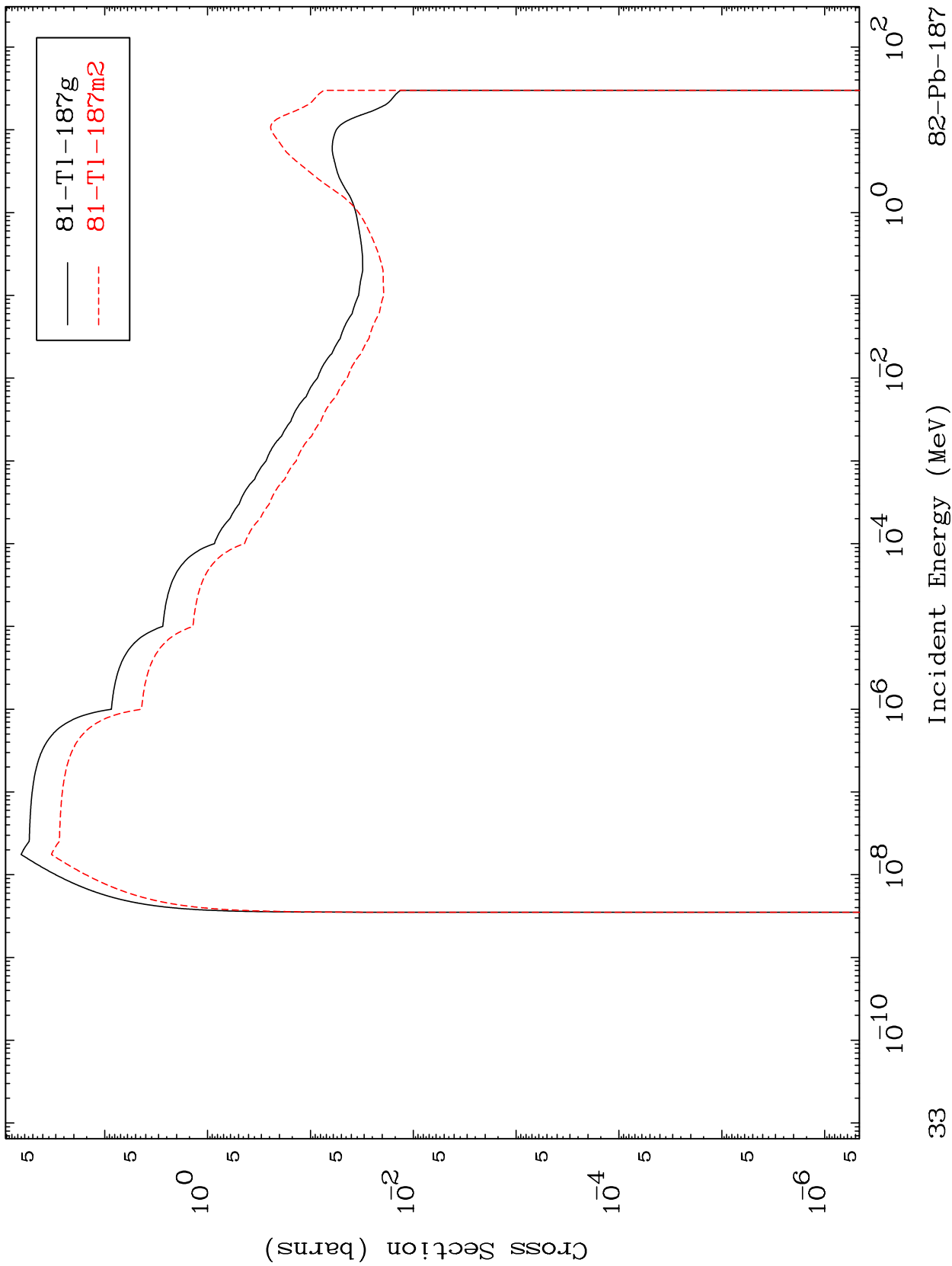
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

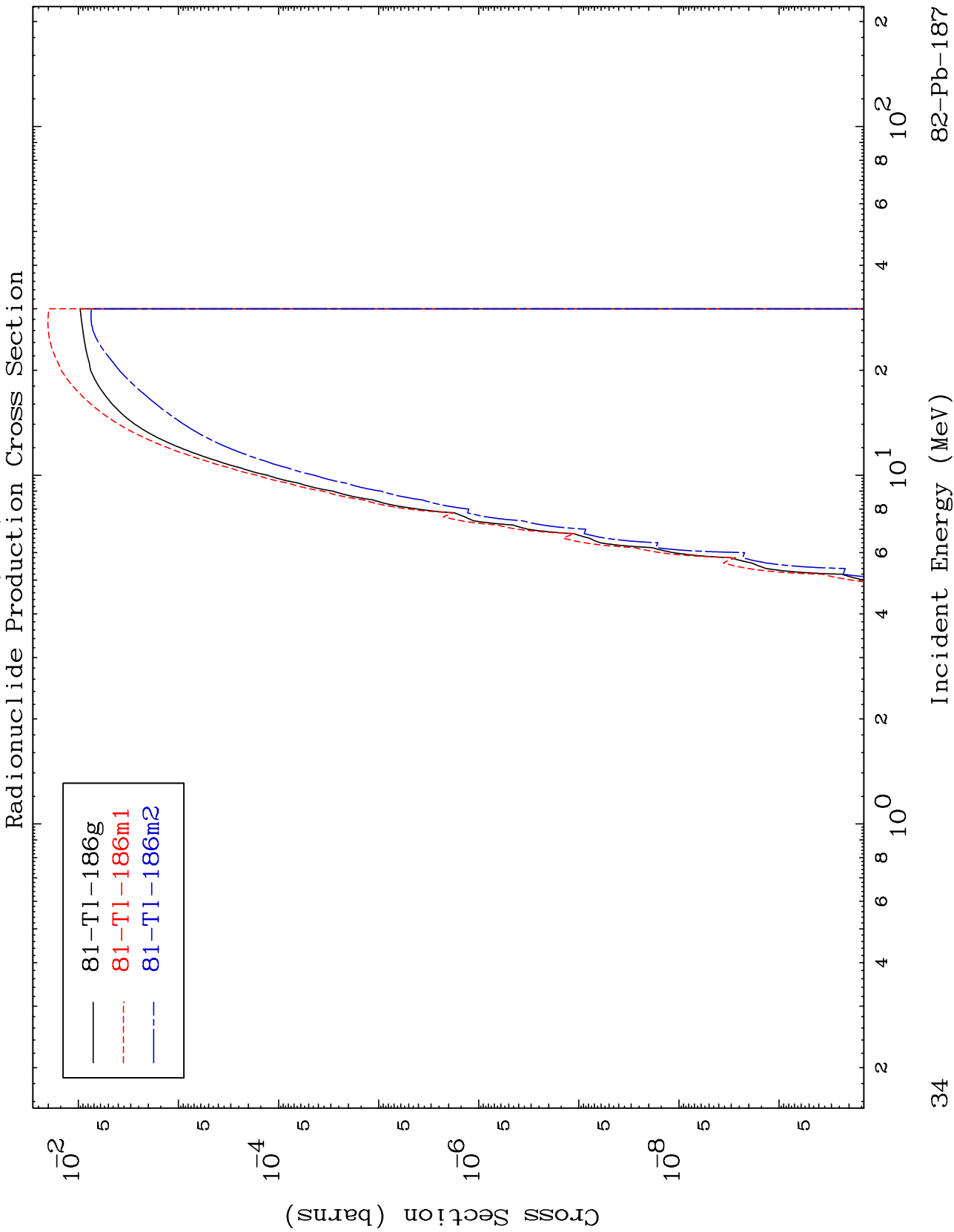
(n,p)
Radionuclide Production Cross Section



MAT 8174

(n,d)

82-Pb-187

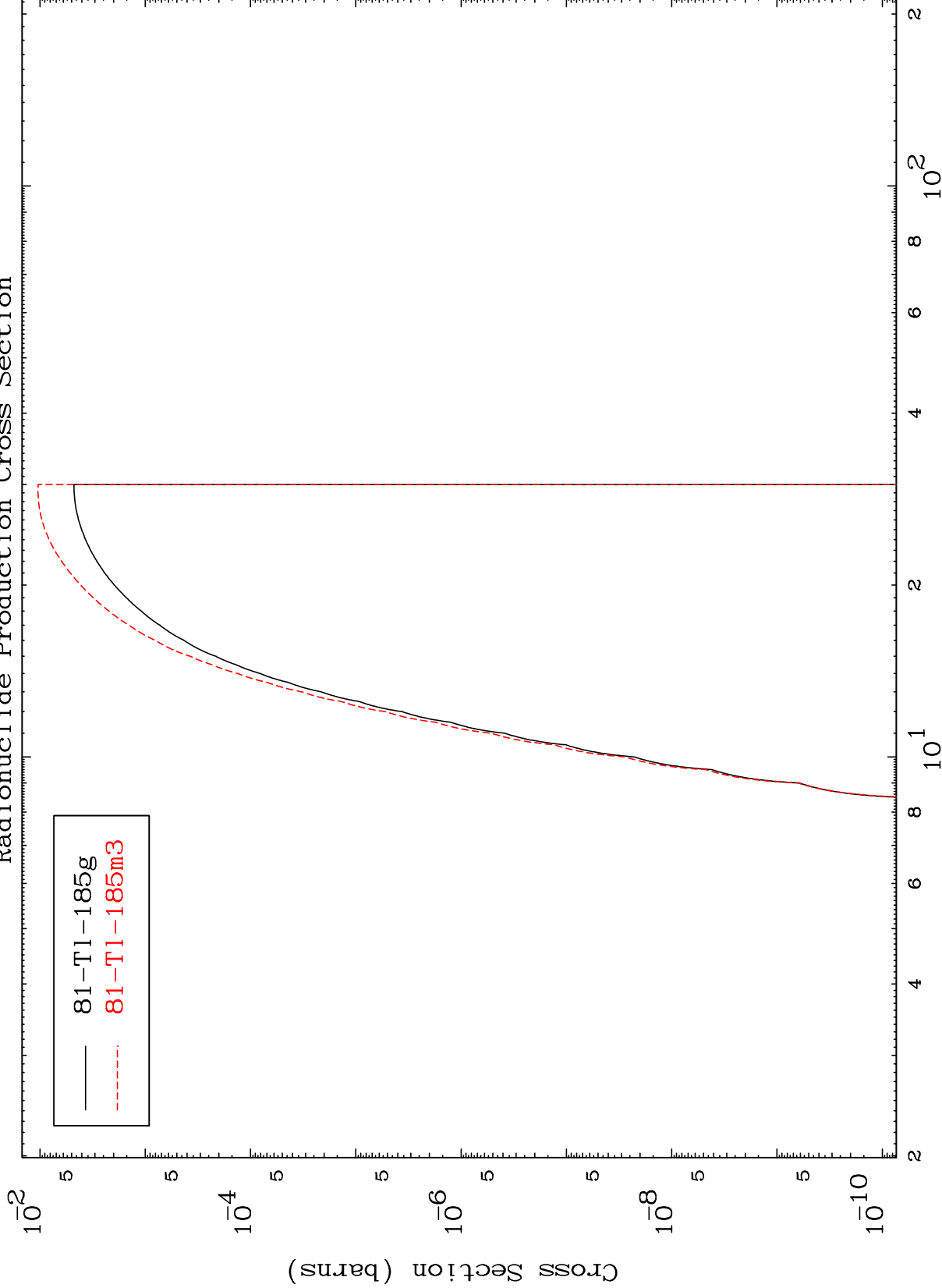


81-Tl-186g
81-Tl-186m1
81-Tl-186m2

MAT 8174

82-Pb-187

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-187

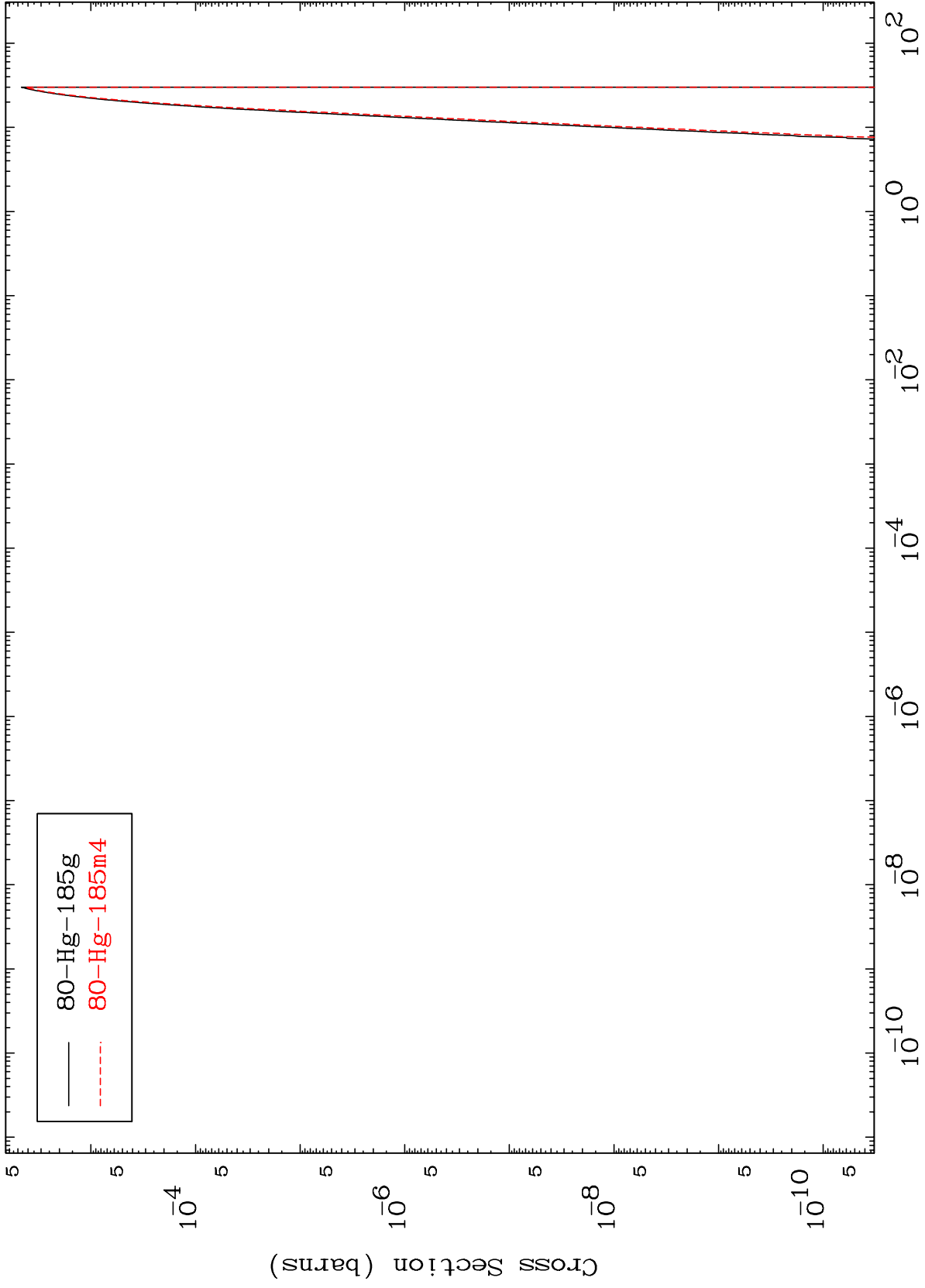
35

MAT 8174

(n,He-3)

82-Pb-187

Radionuclide Production Cross Section



36

Incident Energy (MeV)

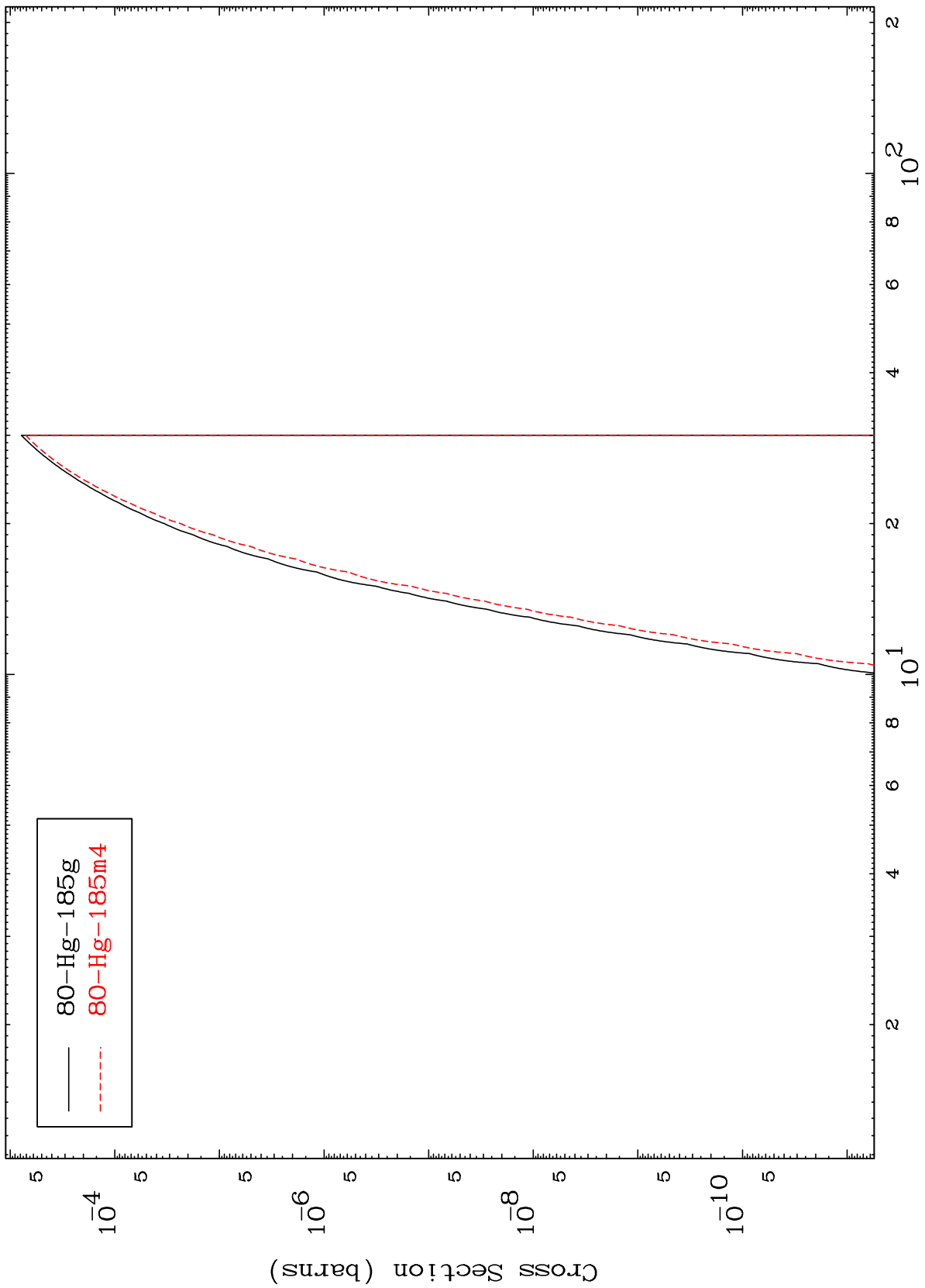
82-Pb-187

MAT 8174

(n,p) d

82-Pb-187

Radionuclide Production Cross Section



37

Incident Energy (MeV)

82-Pb-187