

Program EVALPLOT
(Version 2018-1)

by

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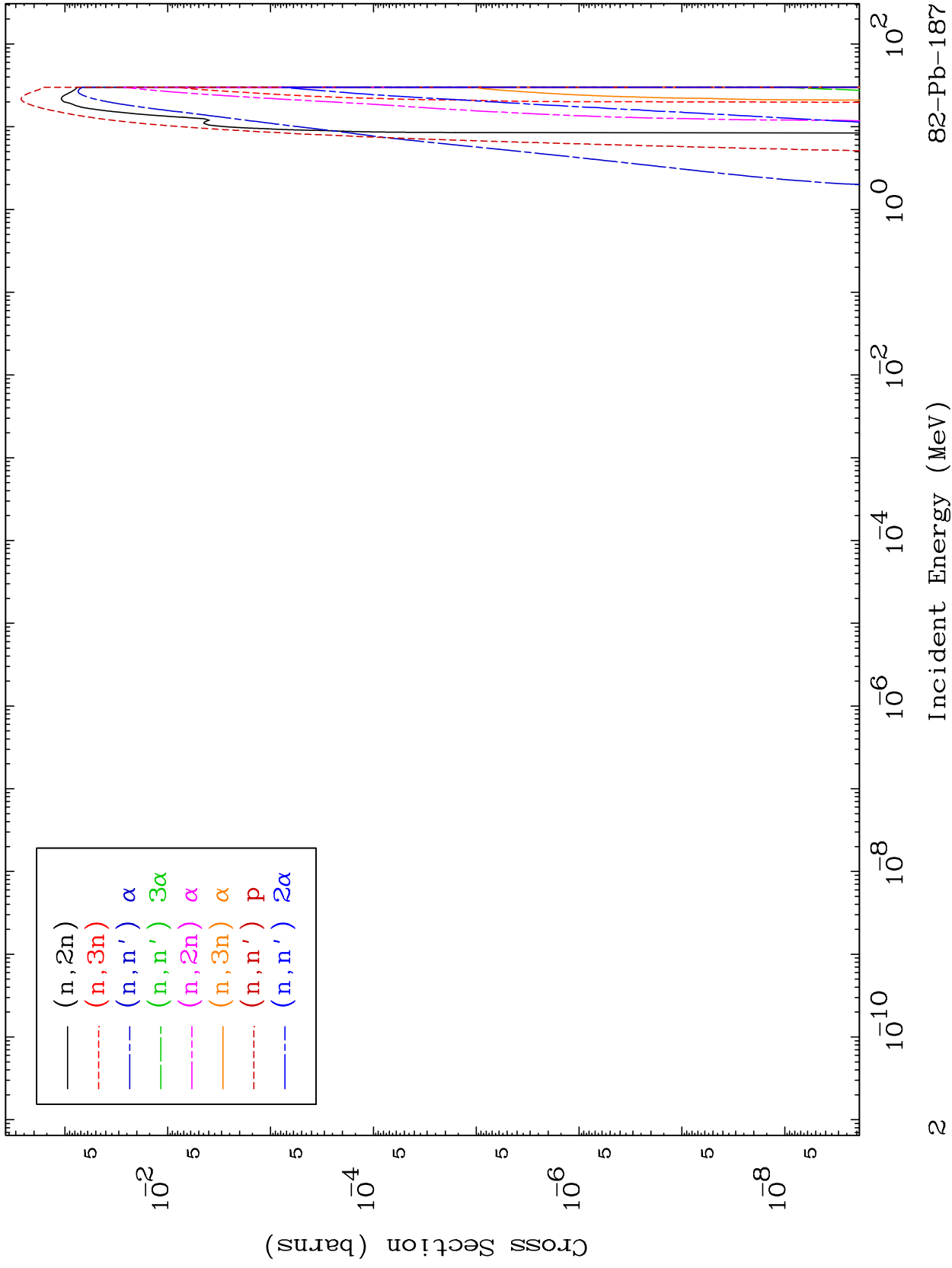
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8174

Neutron Production
293 Kelvin Cross Sections

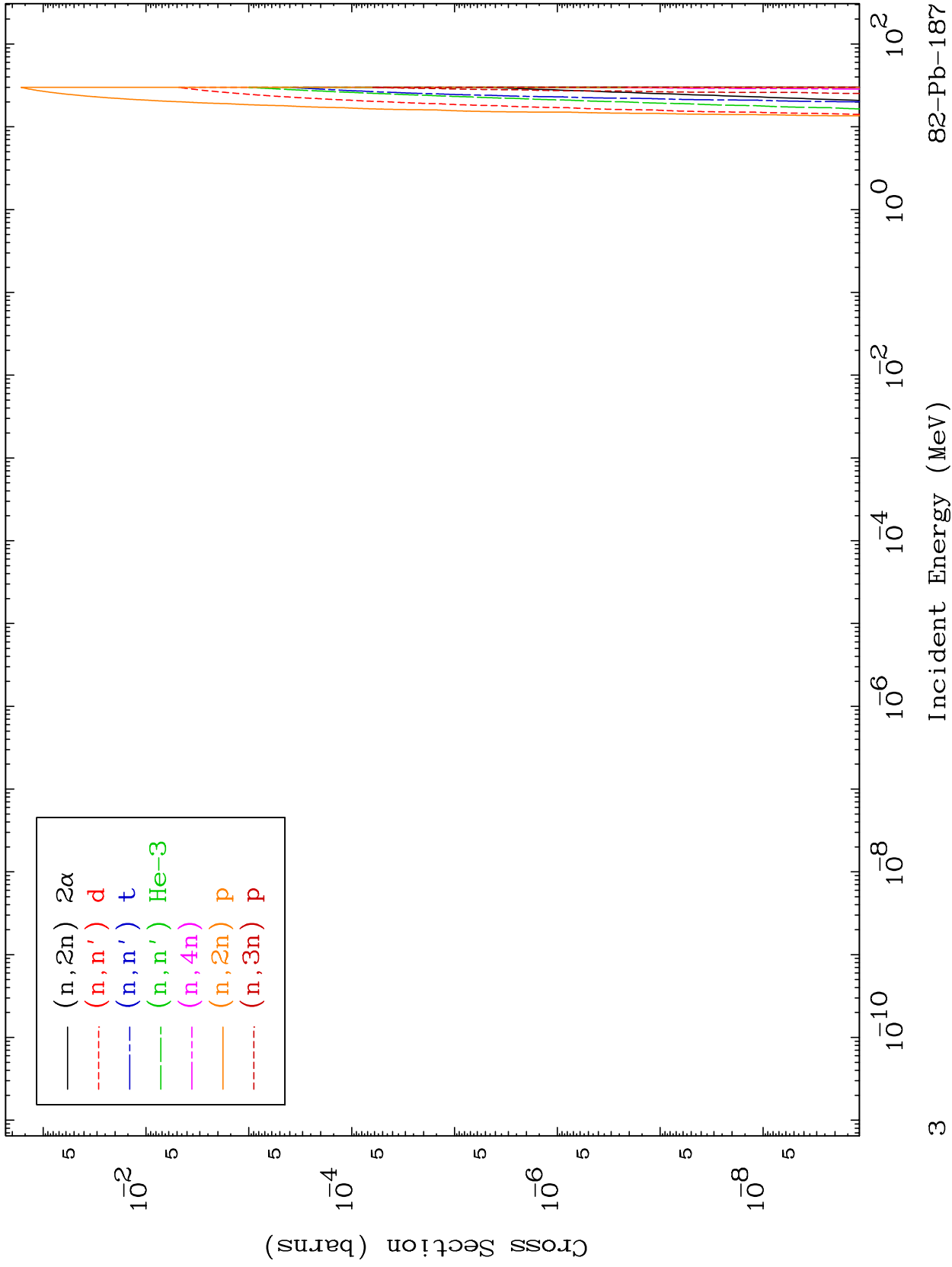
82-Pb-187



MAT 8174

Neutron Production
293 Kelvin Cross Sections

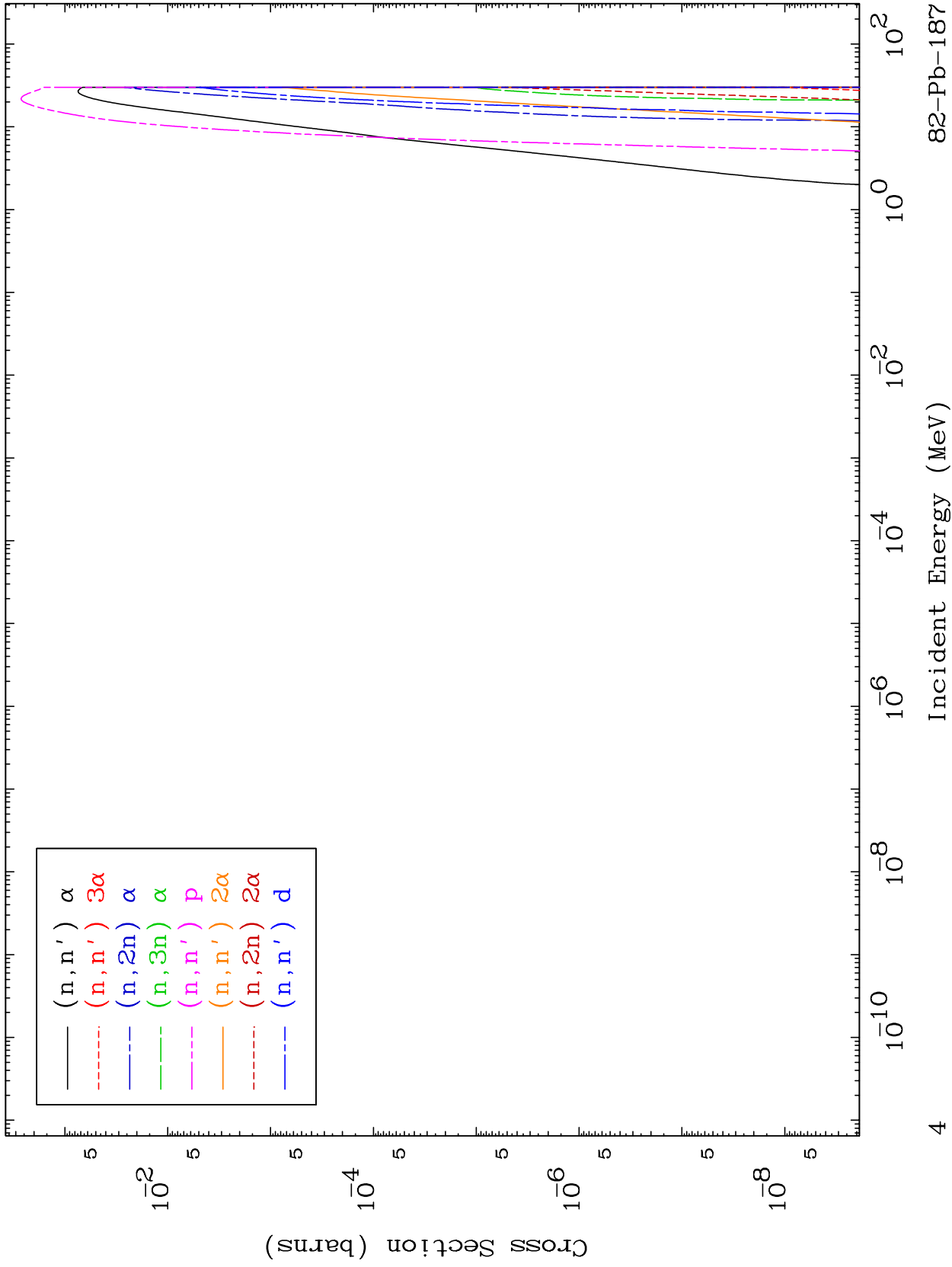
82-Pb-187



MAT 8174

Charged Particle
293 Kelvin Cross Sections

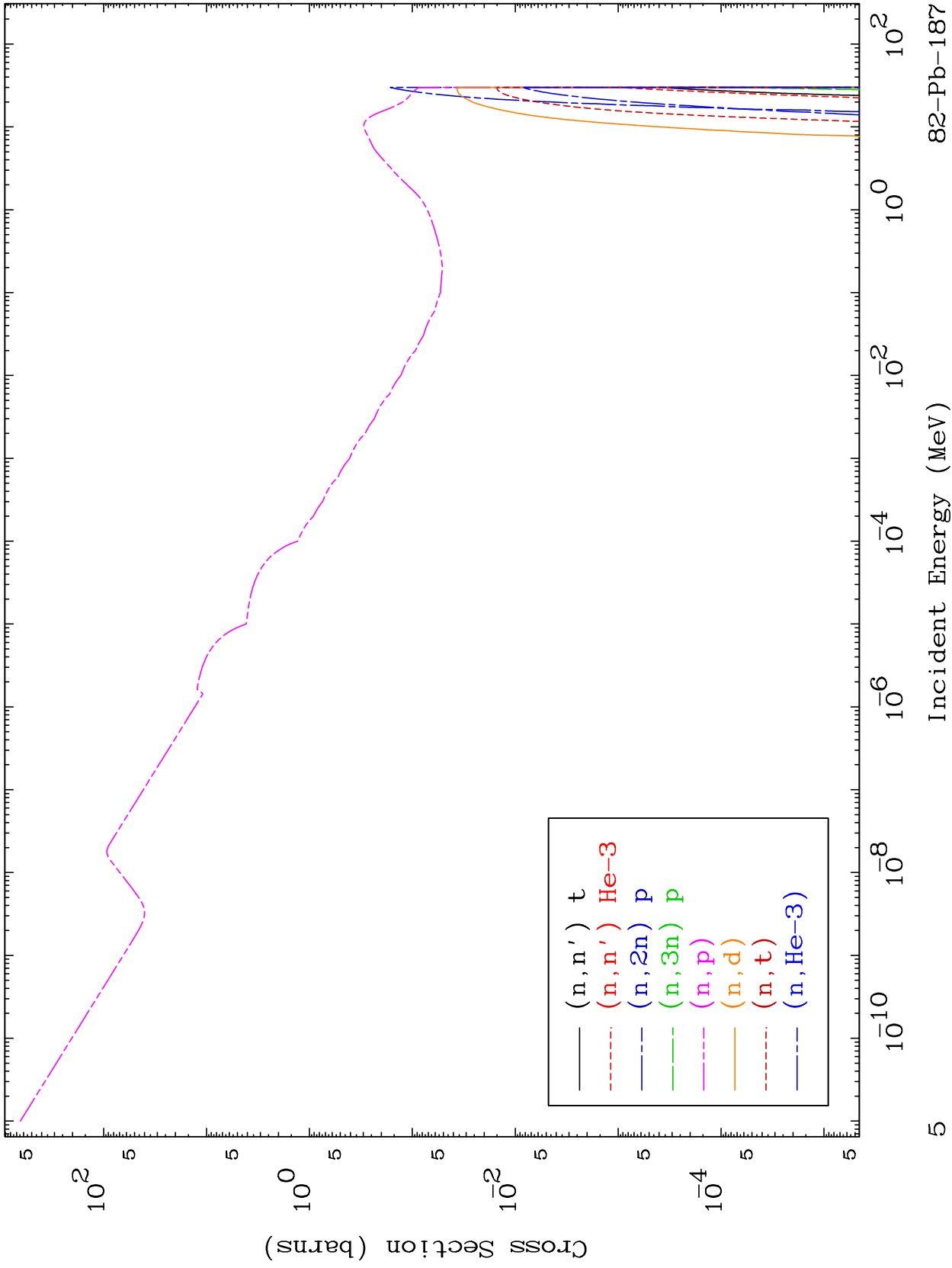
82-Pb-187



MAT 8174

Charged Particle
293 Kelvin Cross Sections

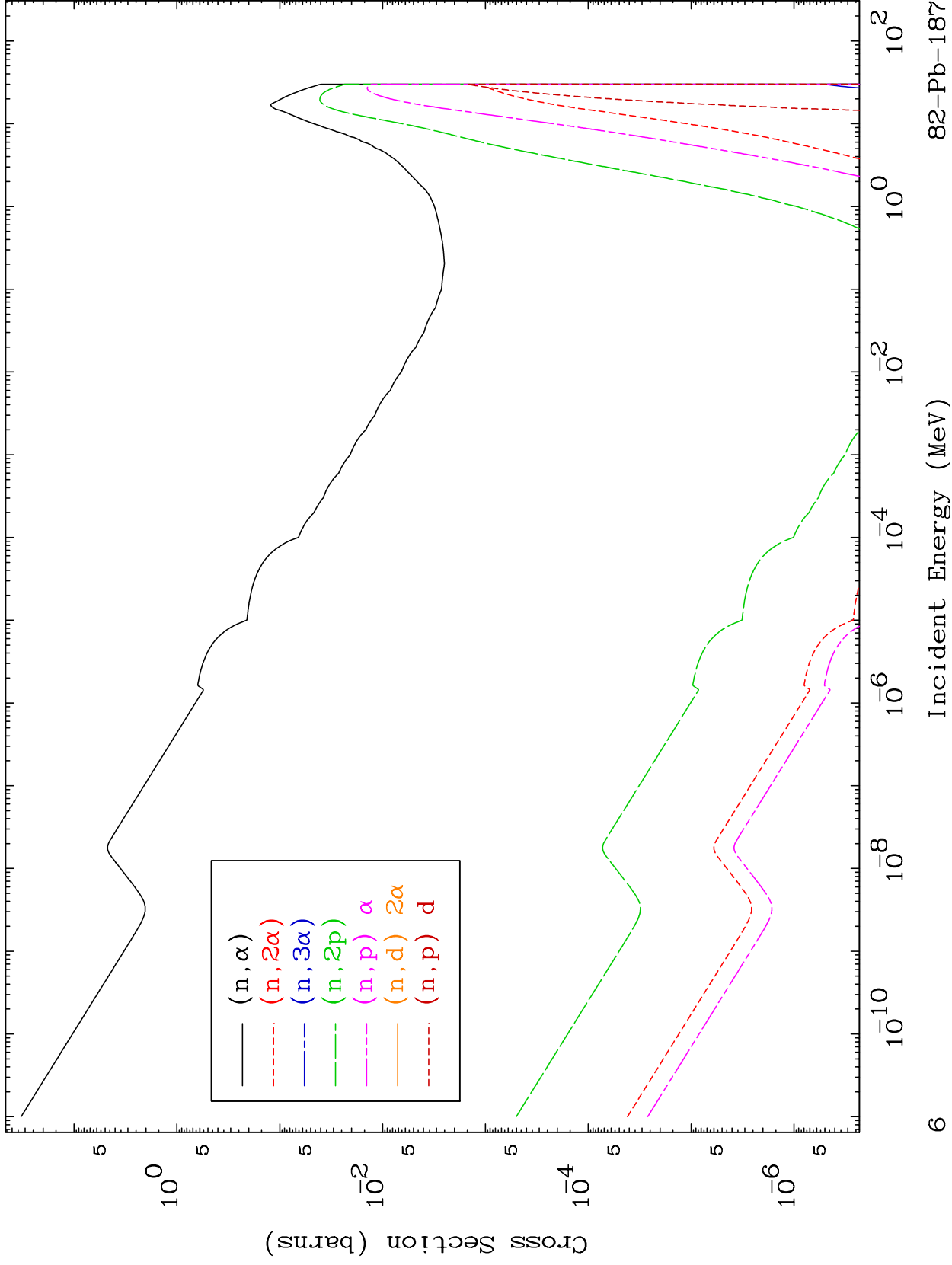
82-Pb-187



MAT 8174

Charged Particle
293 Kelvin Cross Sections

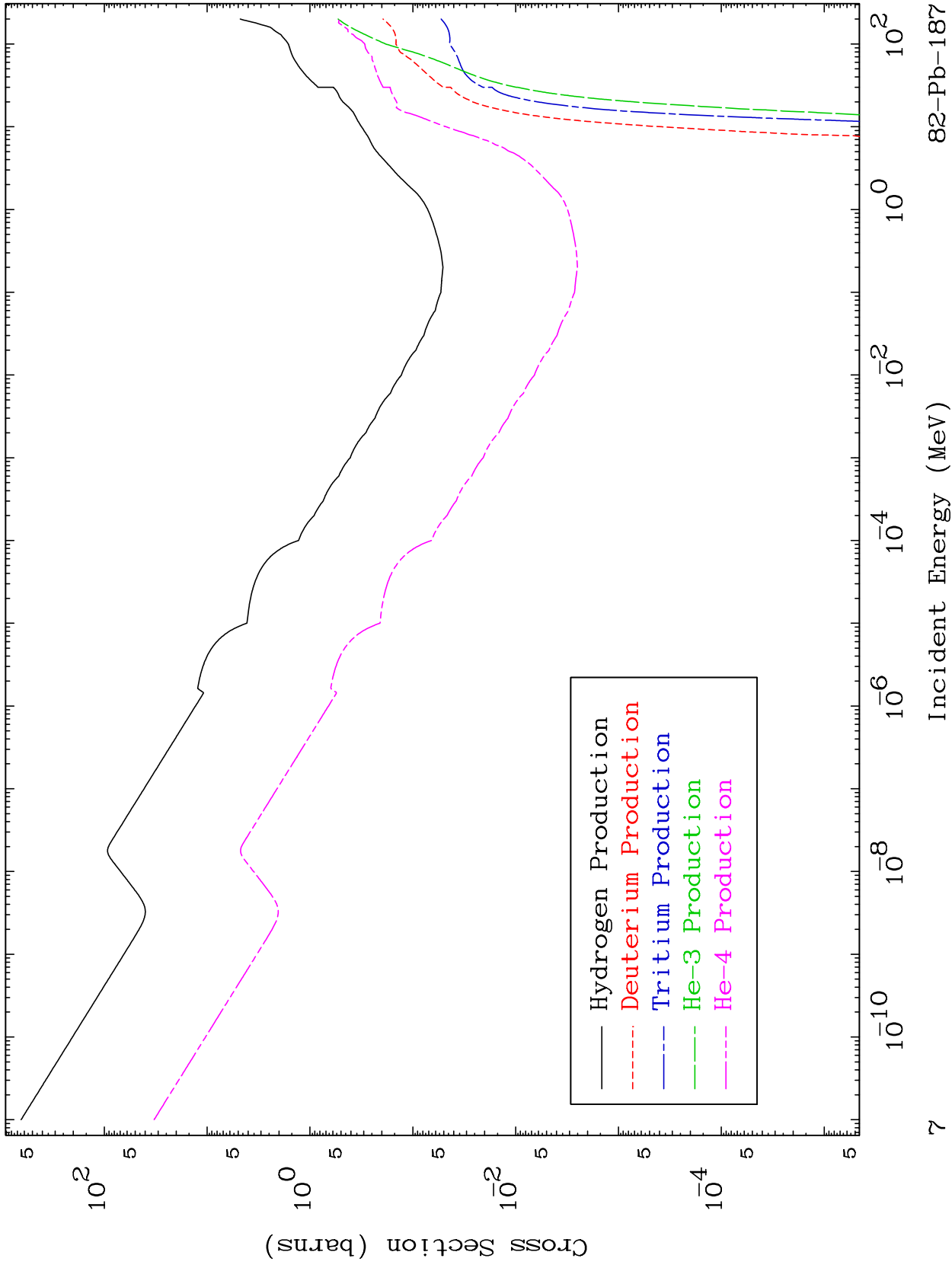
82-Pb-187



MAT 8174

Particle Production
293 Kelvin Cross Sections

82-Pb-187

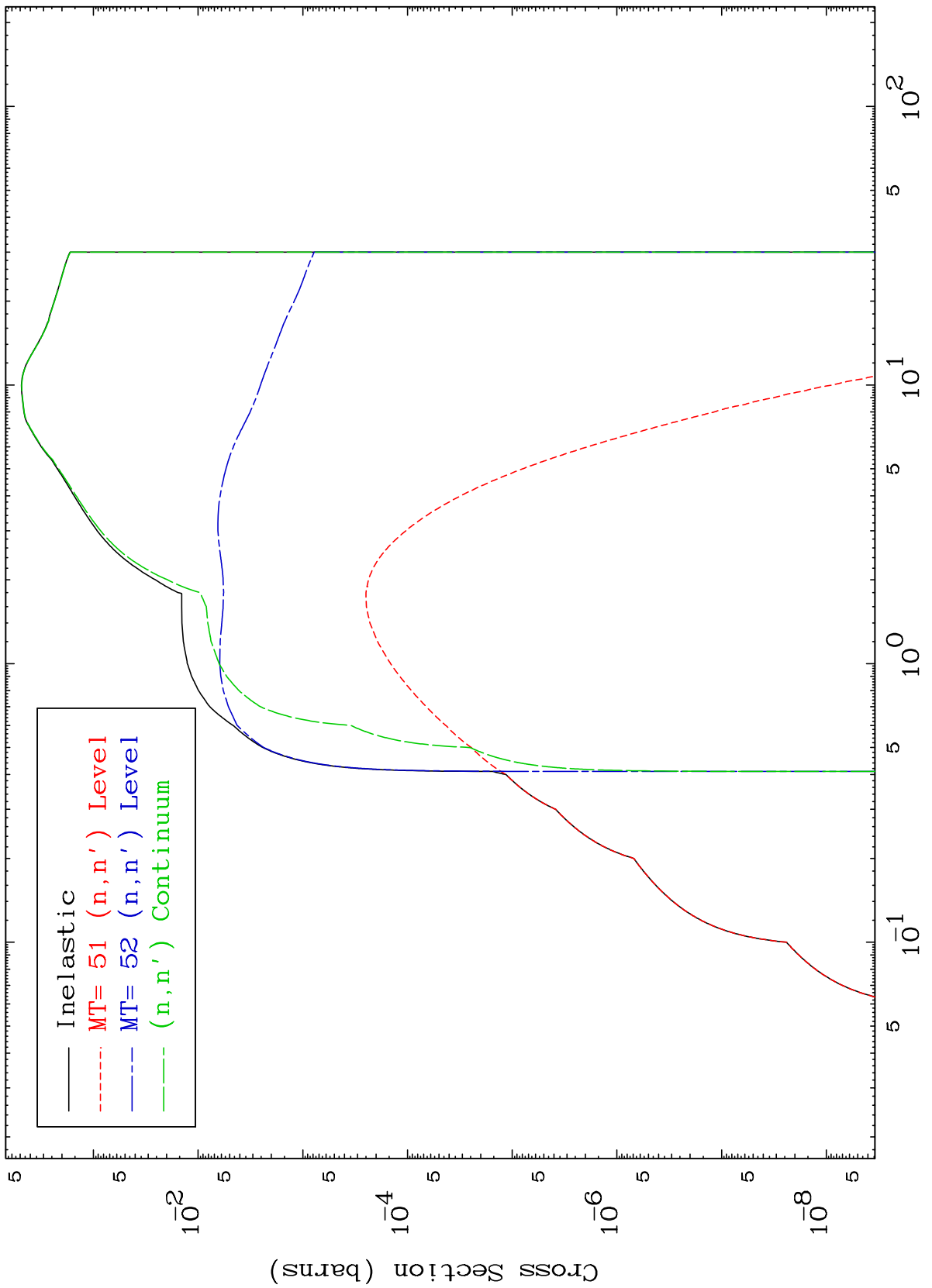


MAT 8174

(n,n') Level

82-Pb-187

293 Kelvin Cross Sections

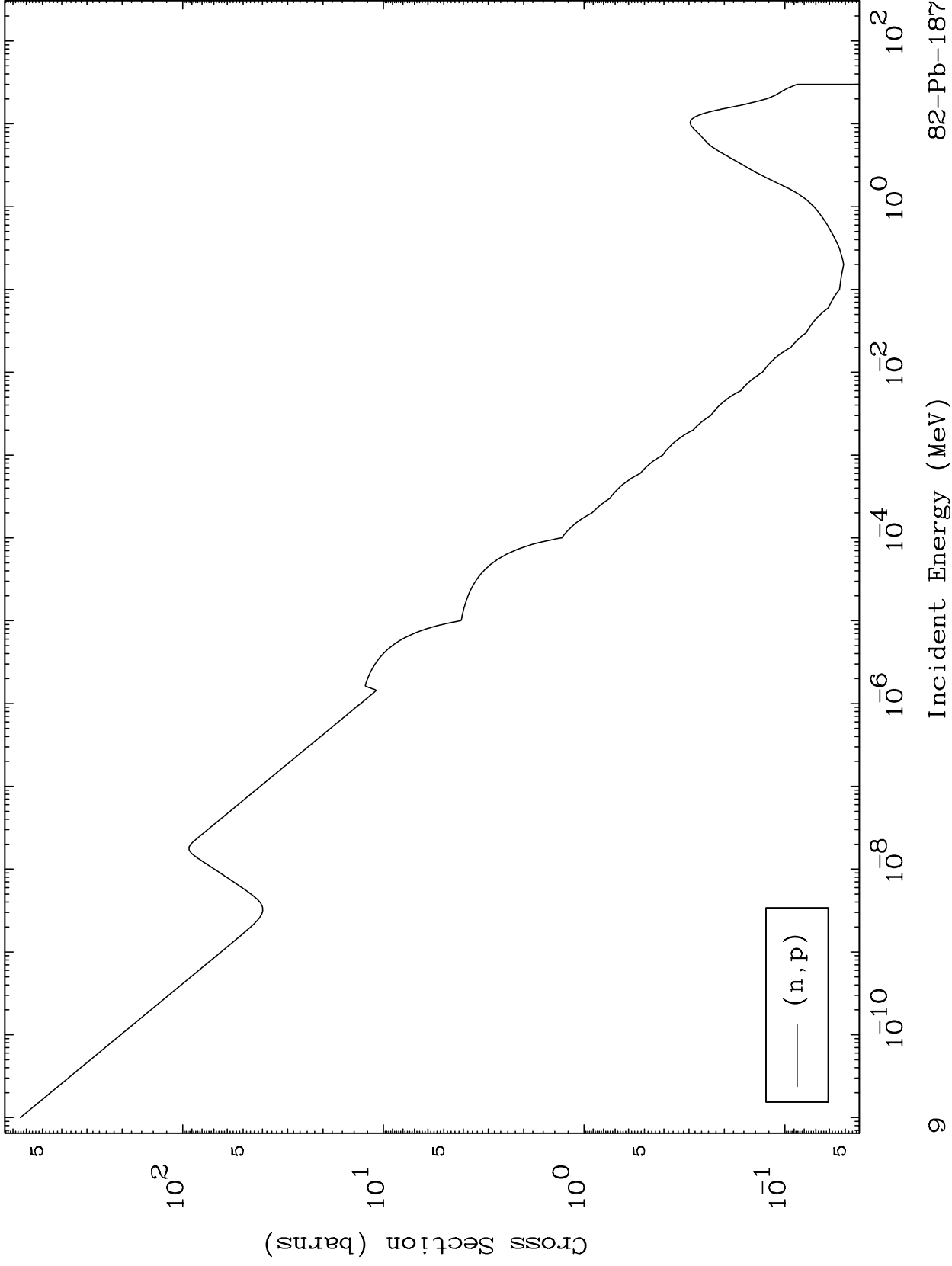


Legend:
— Inelastic
- - - MT= 51 (n,n') Level
- · - MT= 52 (n,n') Level
- · · - (n,n') Continuum

MAT 8174

(n,p) Levels
293 Kelvin Cross Sections

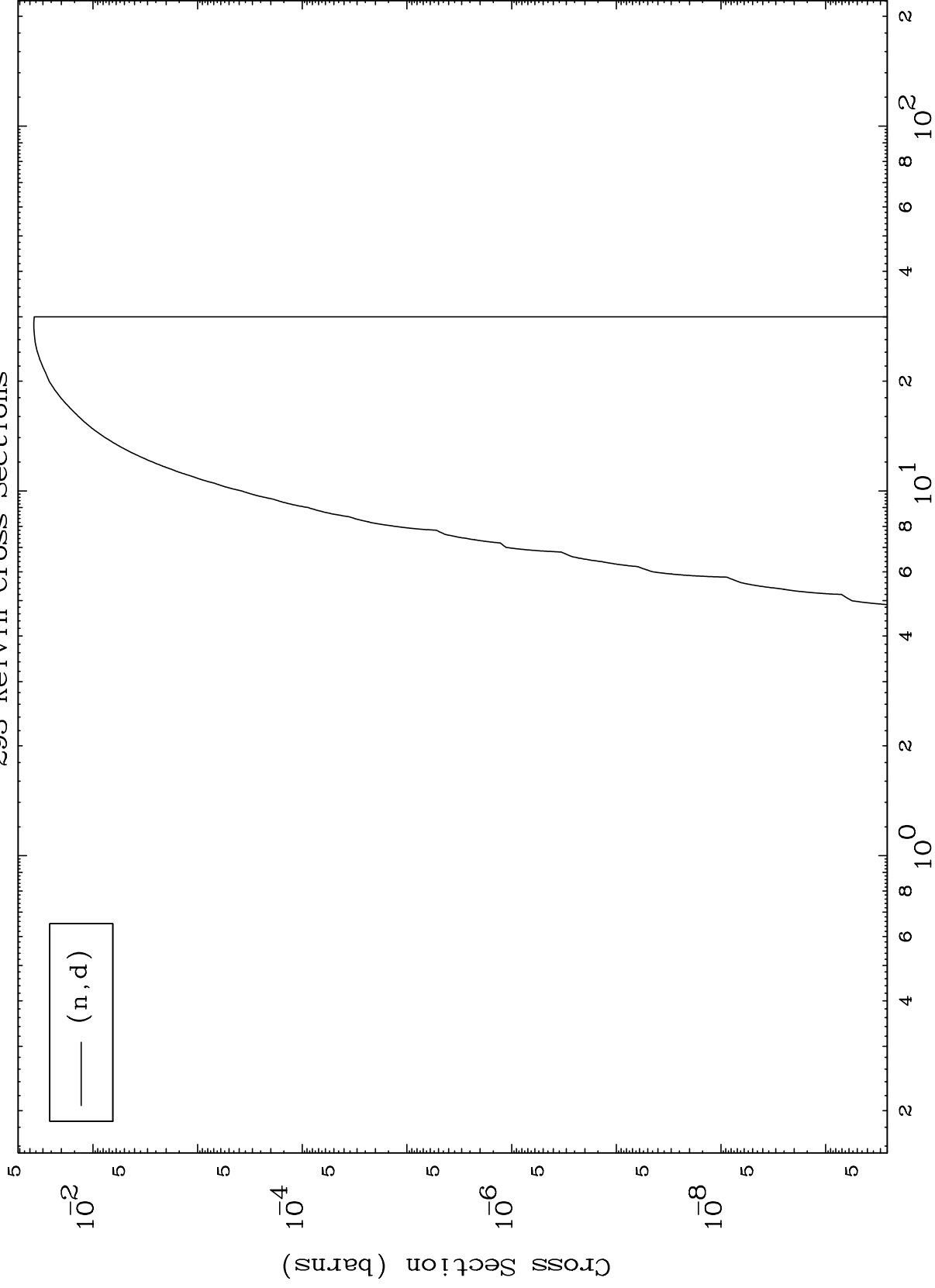
82-Pb-187



MAT 8174

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-187



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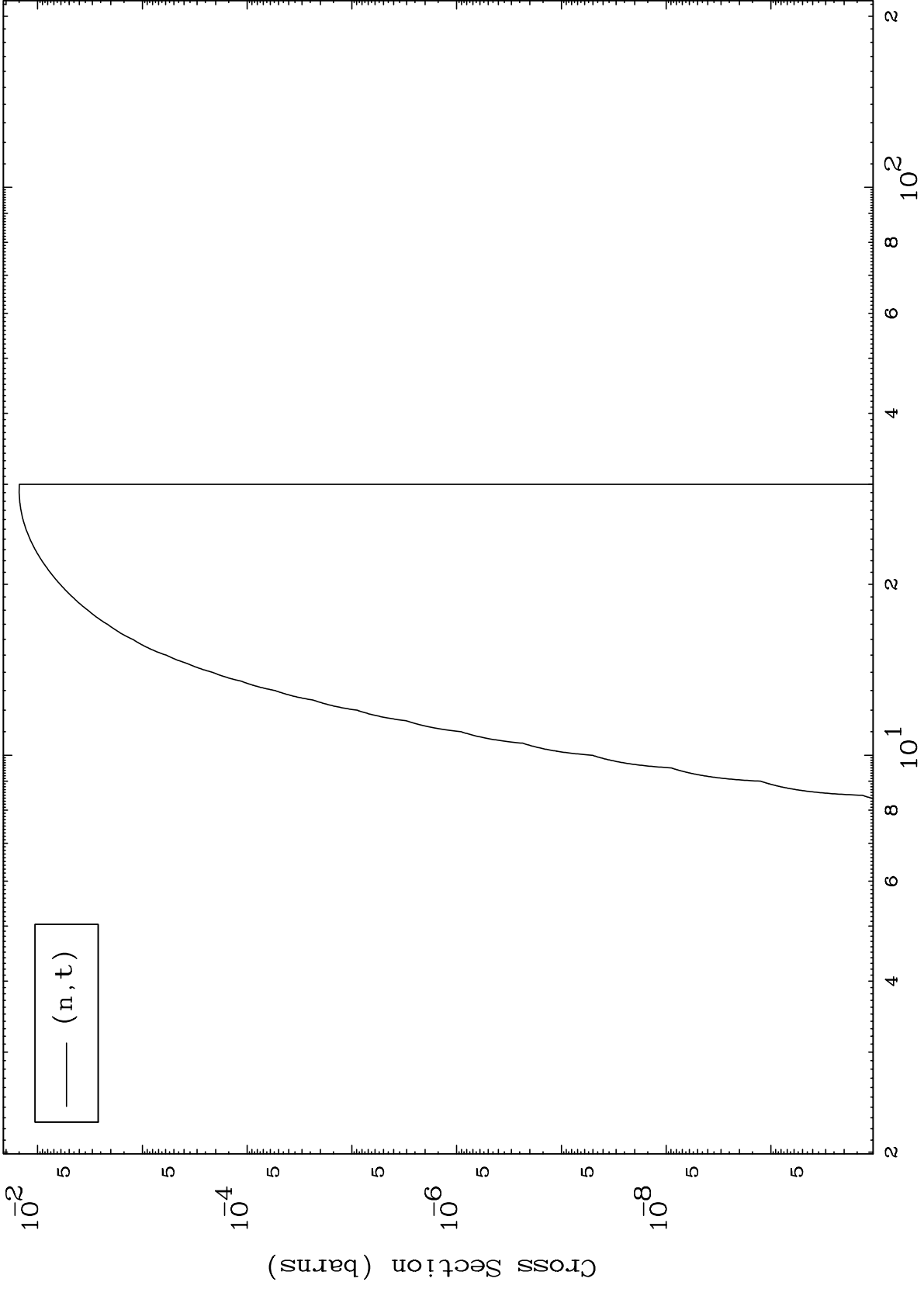
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,t) Levels
293 Kelvin Cross Sections

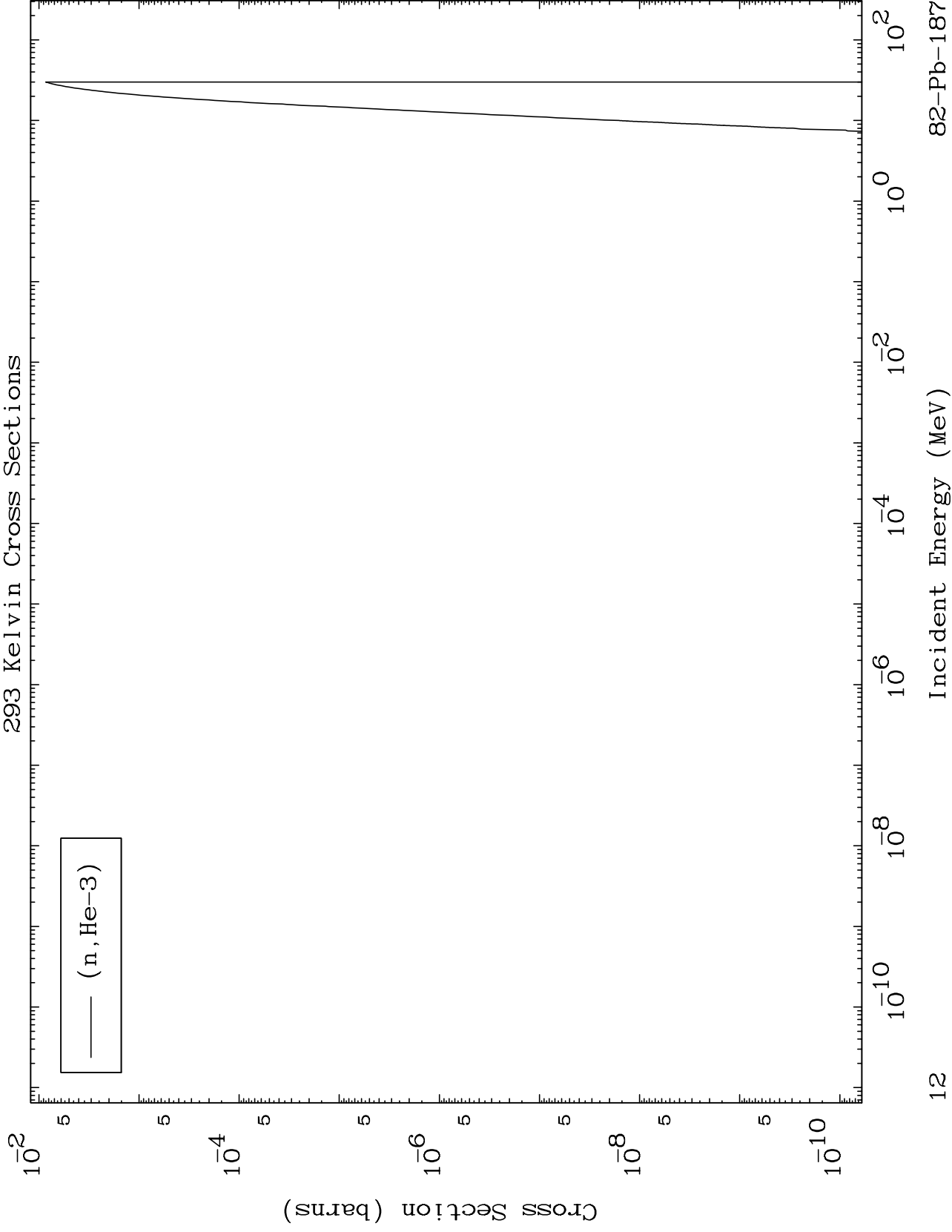
82-Pb-187



MAT 8174

(n,He3) Levels
293 Kelvin Cross Sections

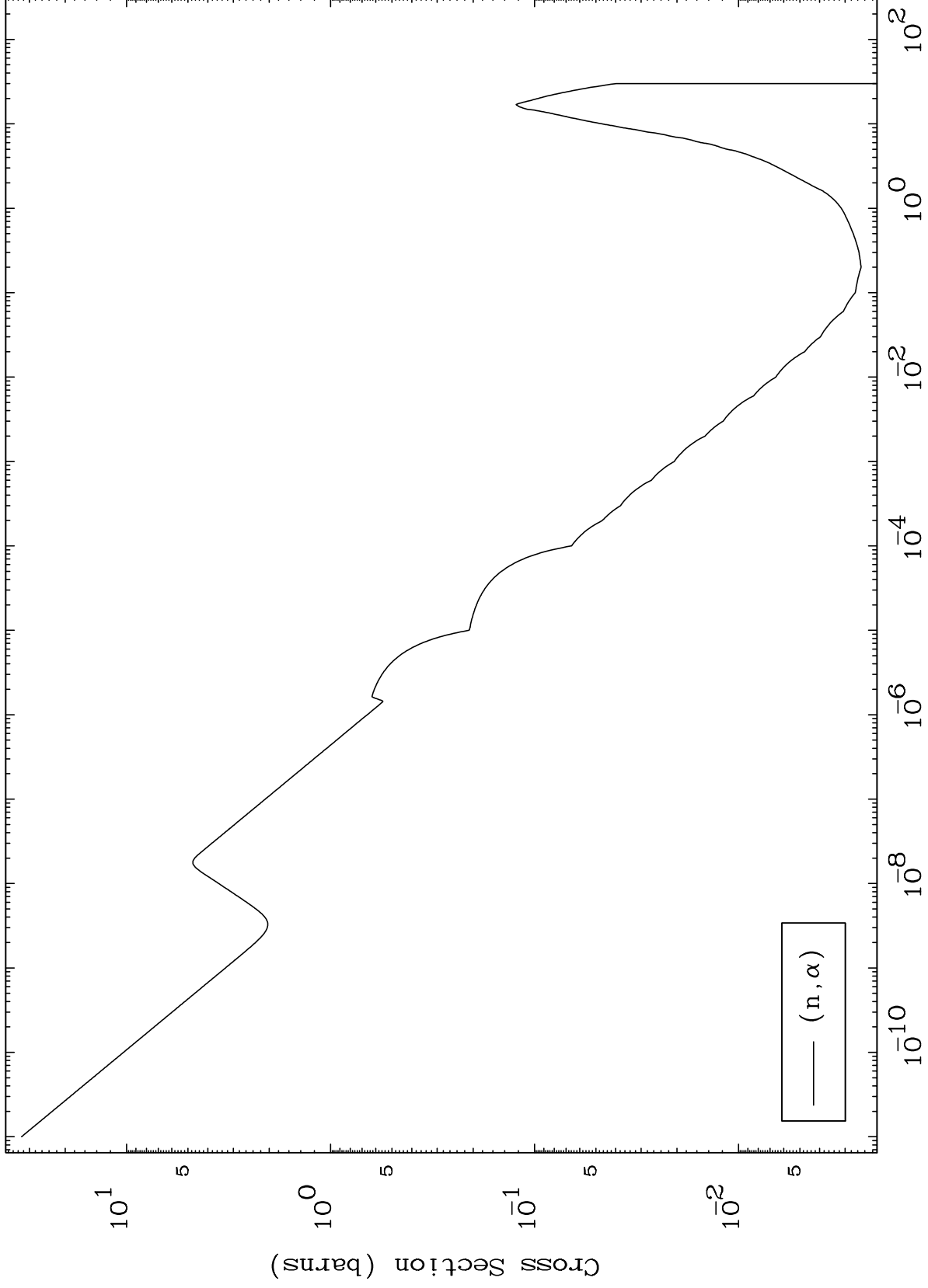
82-Pb-187



MAT 8174

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-187

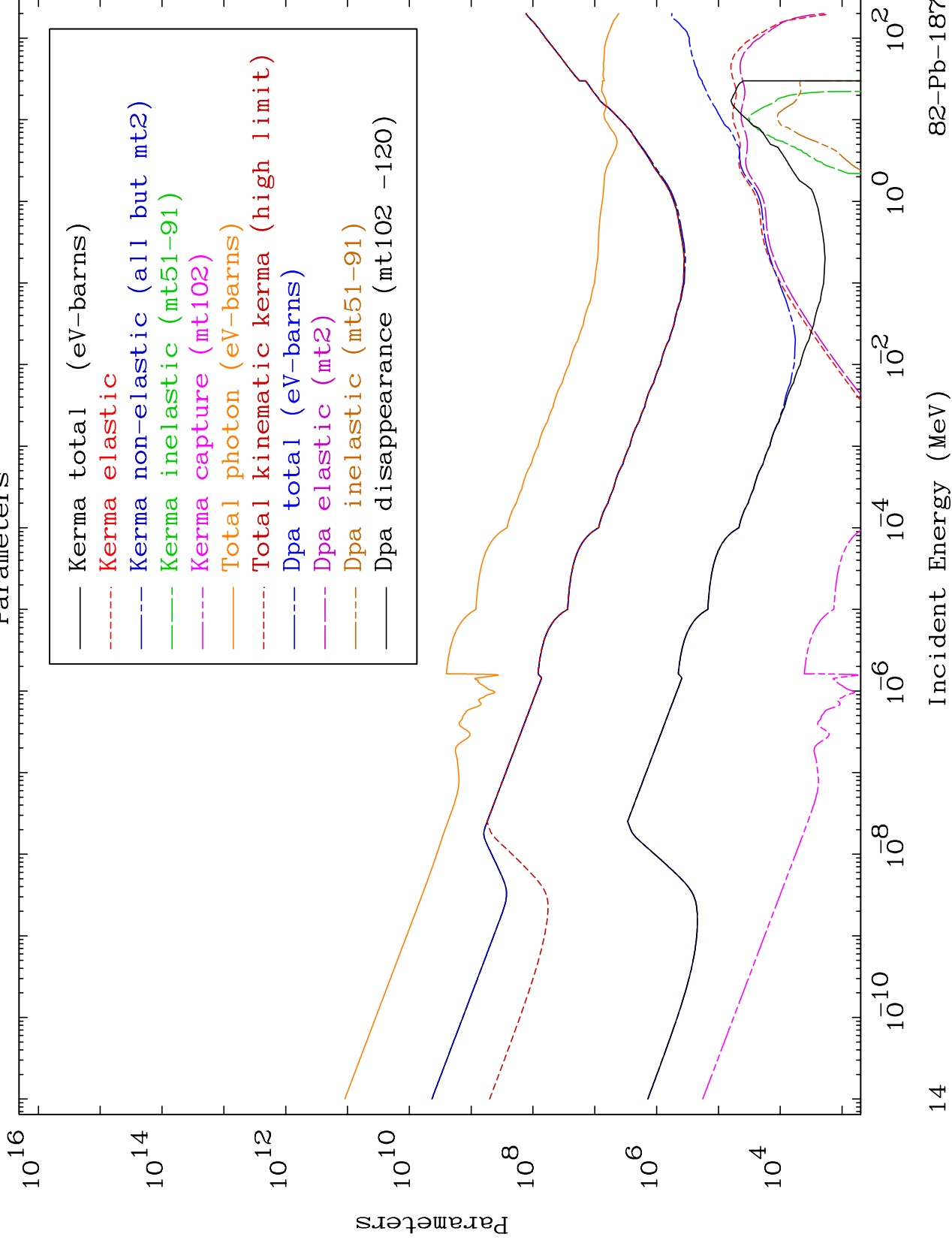


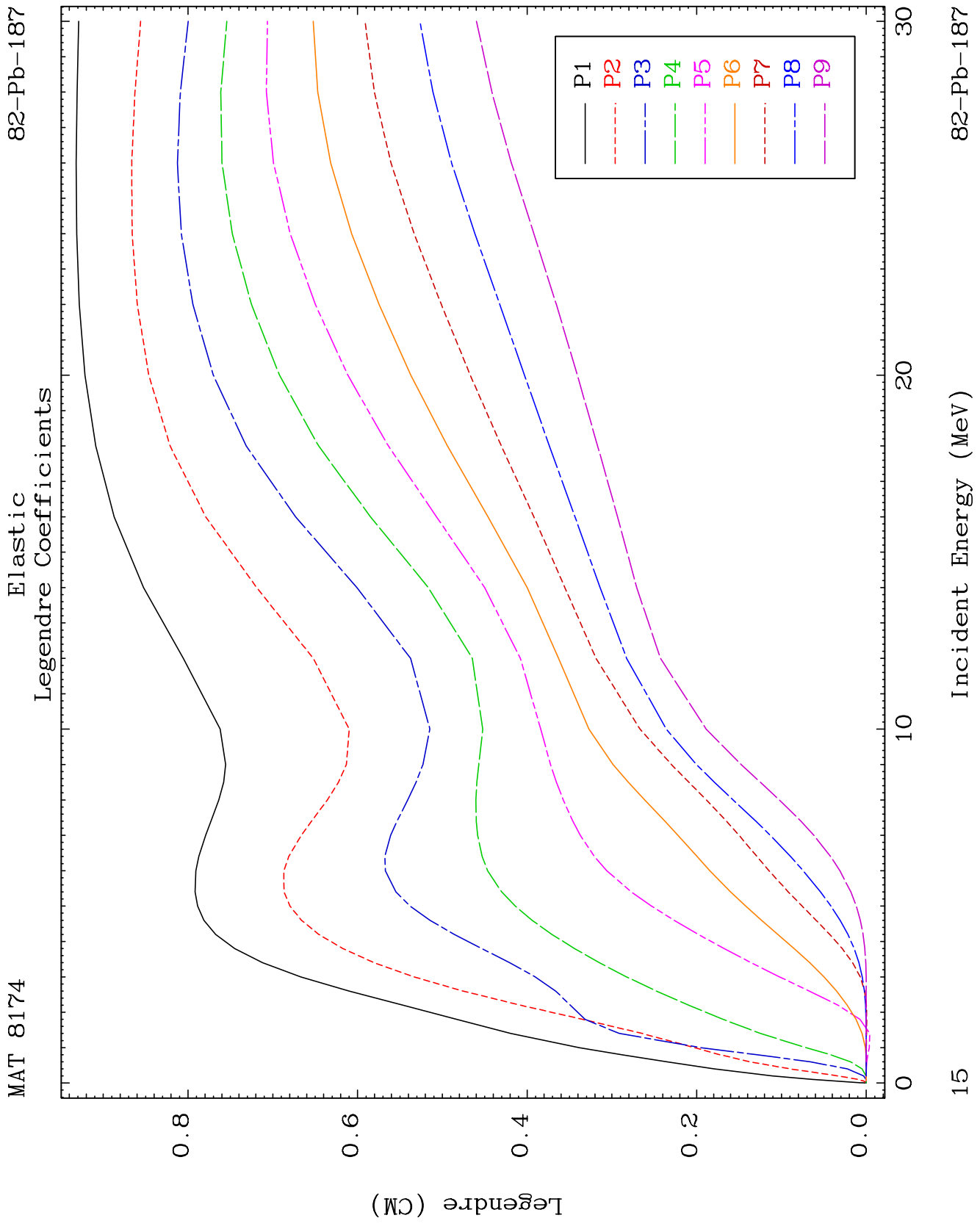
(n, α)

13

Incident Energy (MeV)

82-Pb-187

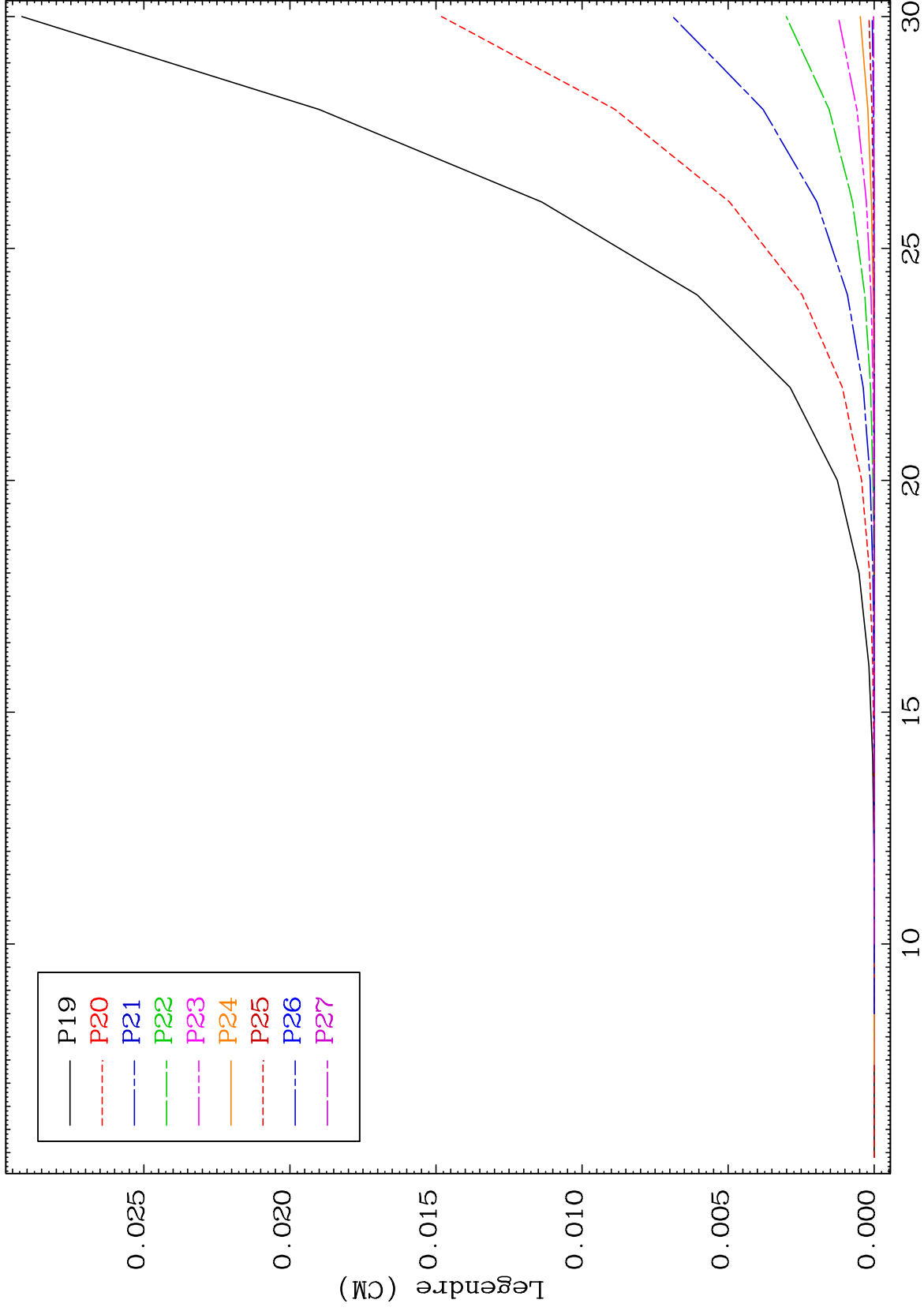




MAT 8174

Elastic Legendre Coefficients

82-Pb-187



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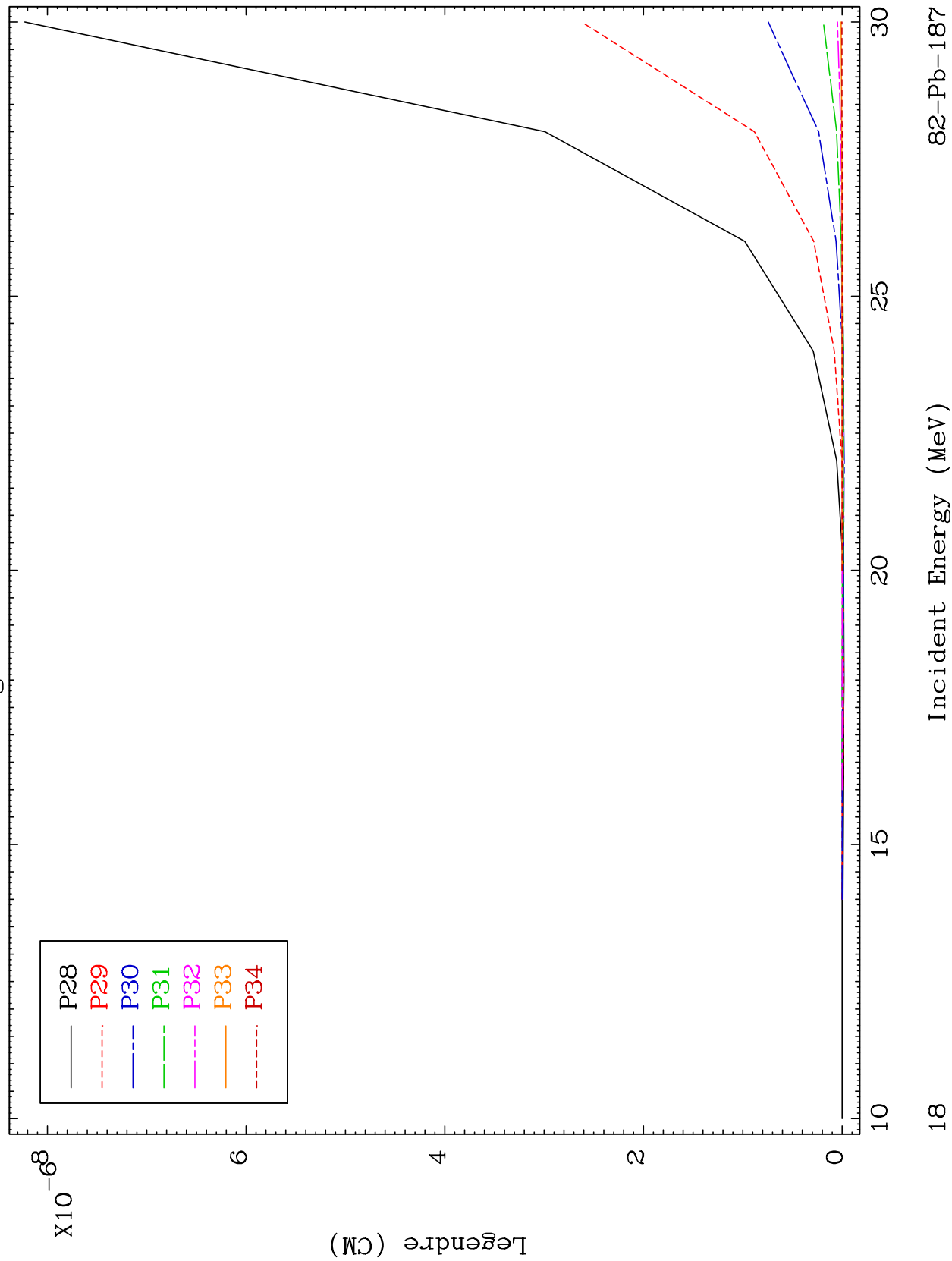
Incident Energy (MeV)

82-Pb-187

MAT 8174

Elastic
Legendre Coefficients

82-Pb-187



18

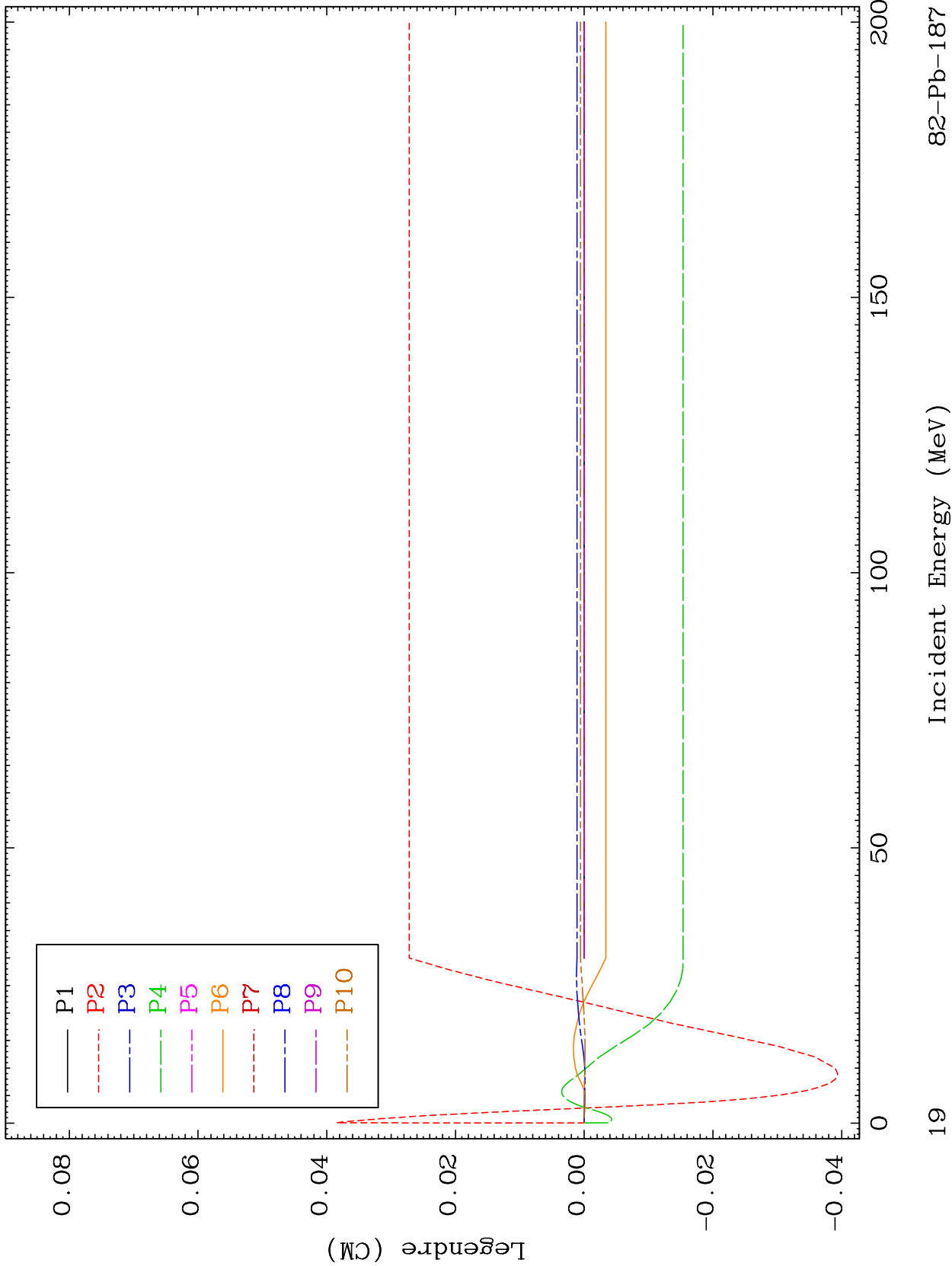
Incident Energy (MeV)

82-Pb-187

MAT 8174

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

82-Pb-187



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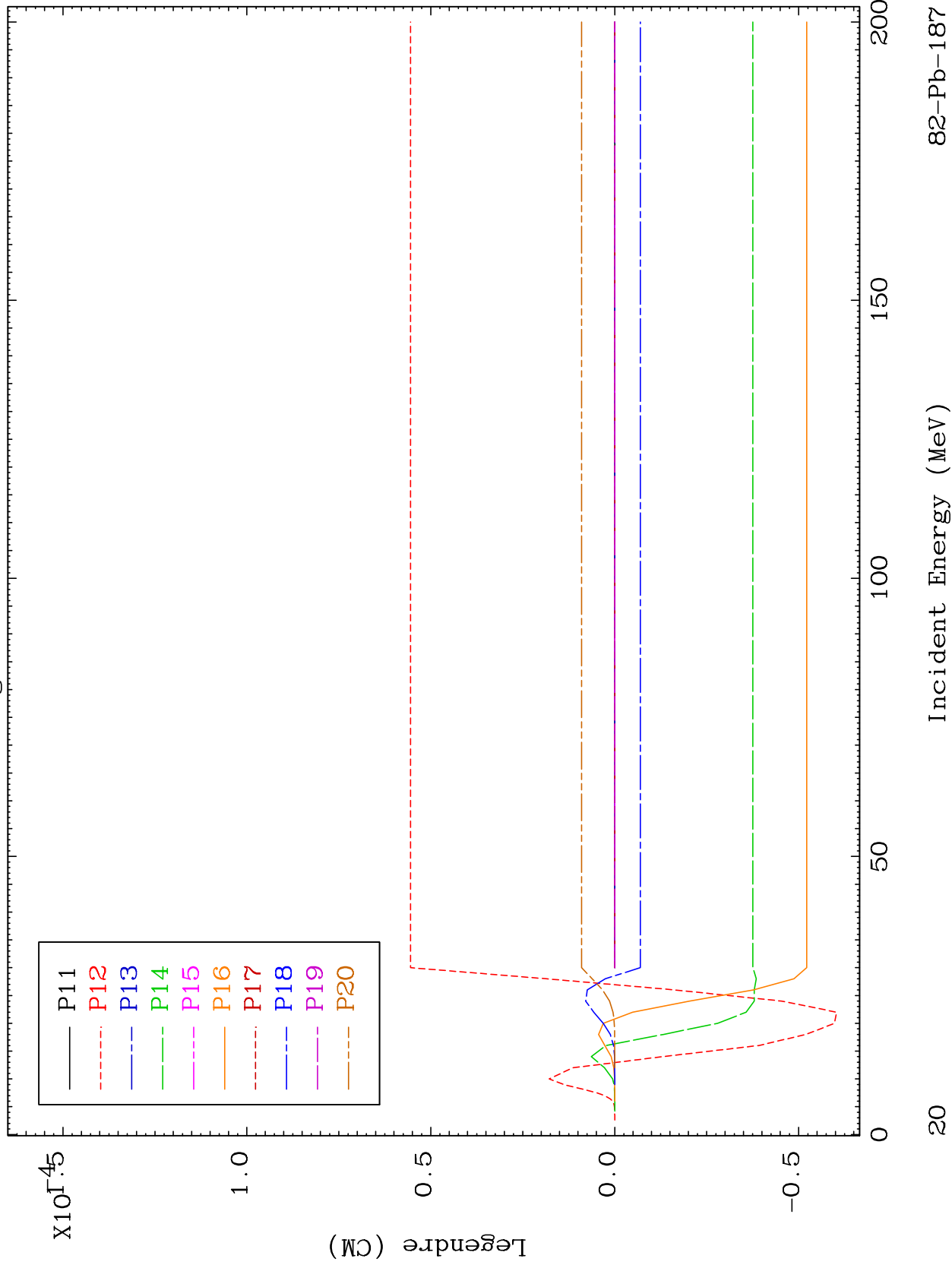
Incident Energy (MeV)

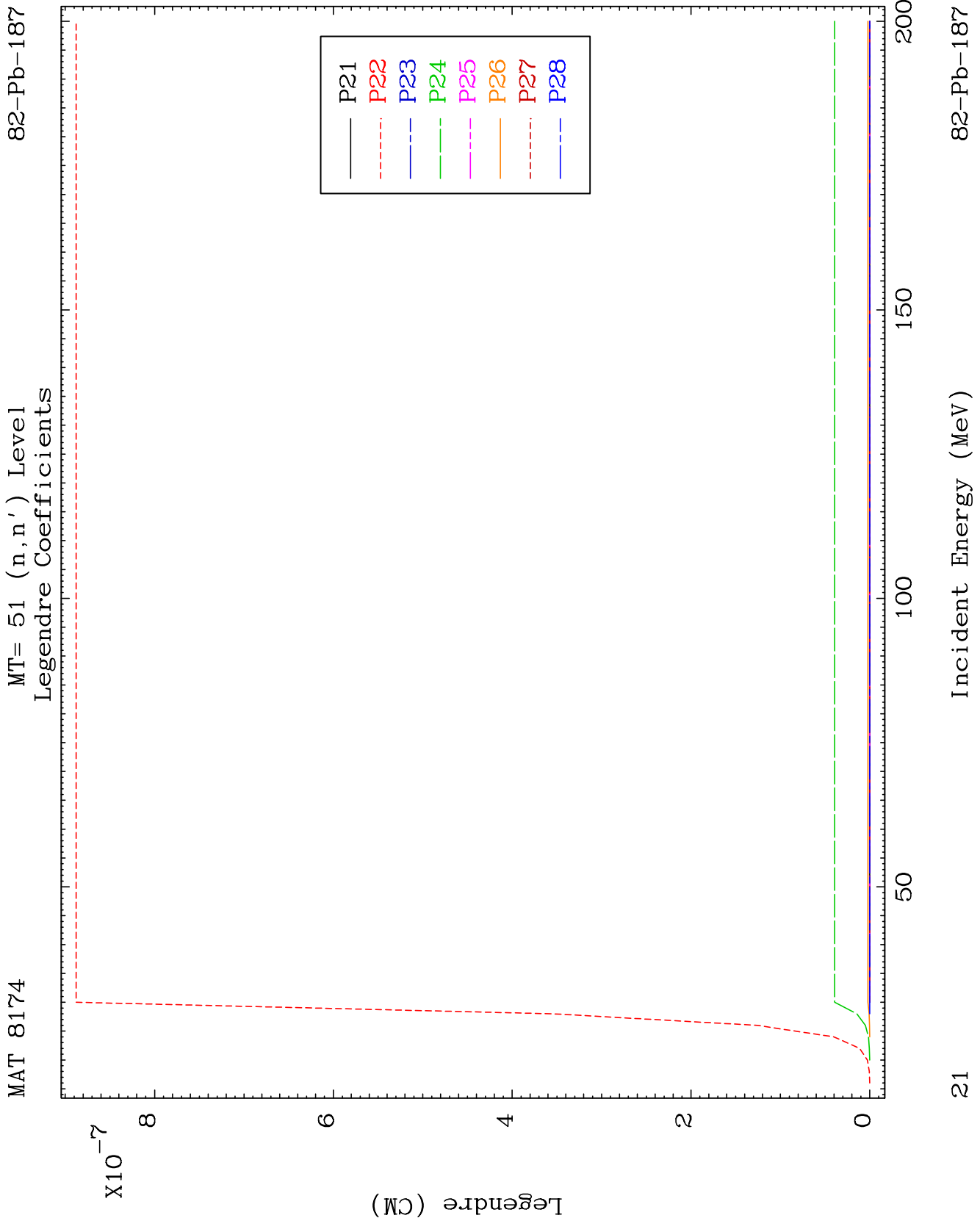
82-Pb-187

MAT 8174

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

82-Pb-187

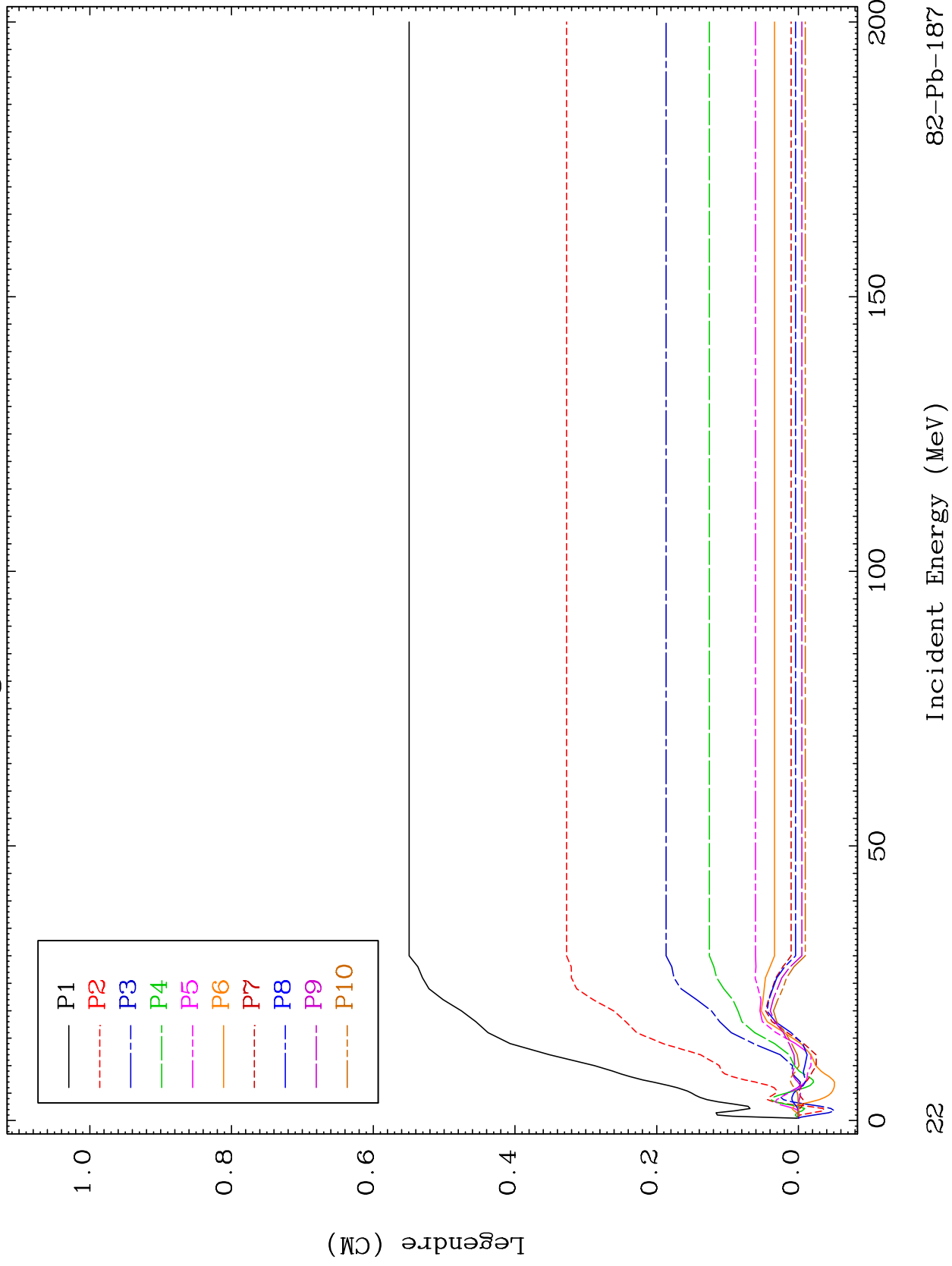




MAT 8174

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

82-Pb-187



82-Pb-187

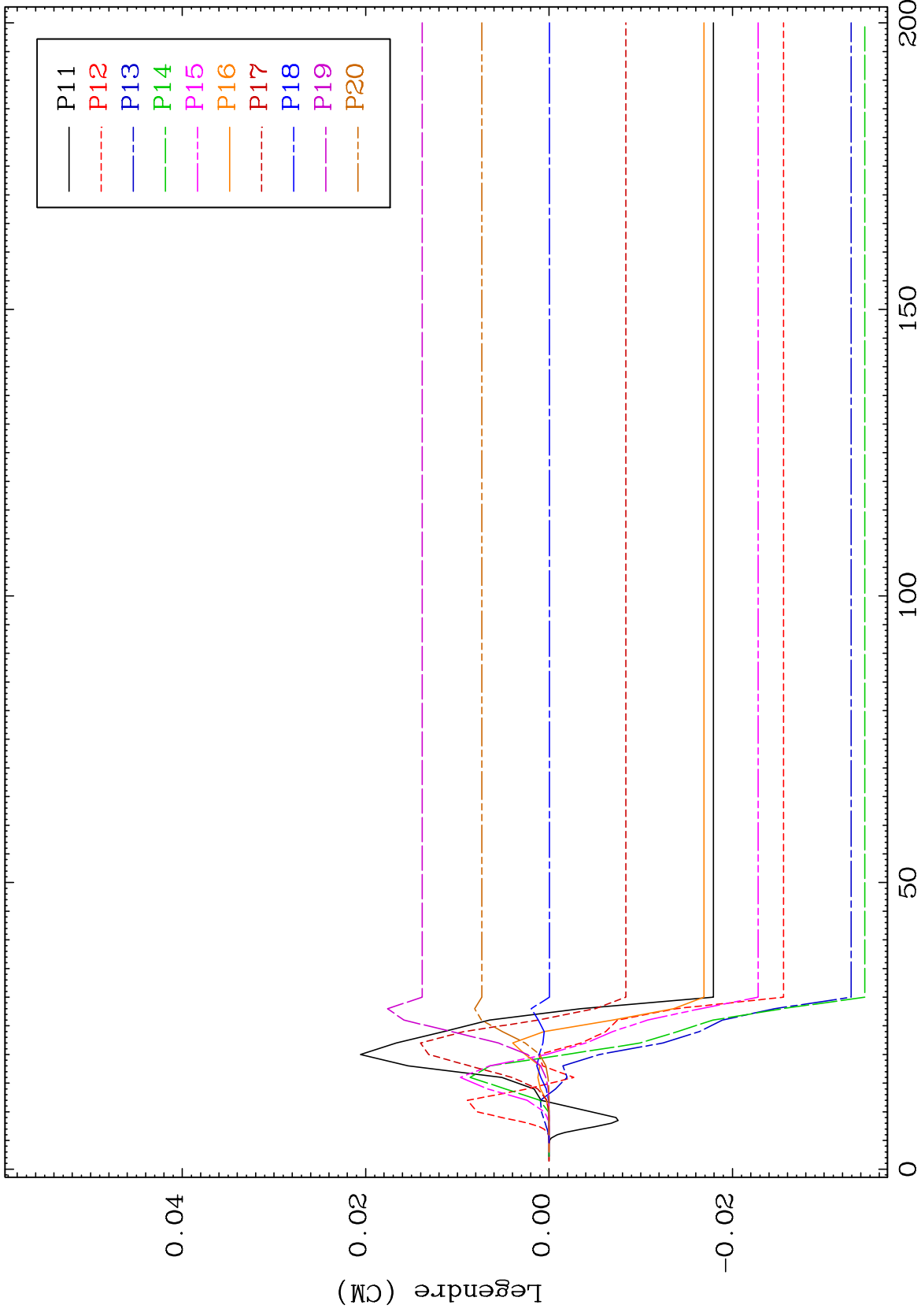
Incident Energy (MeV)

22

MAT 8174

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

82-Pb-187



23

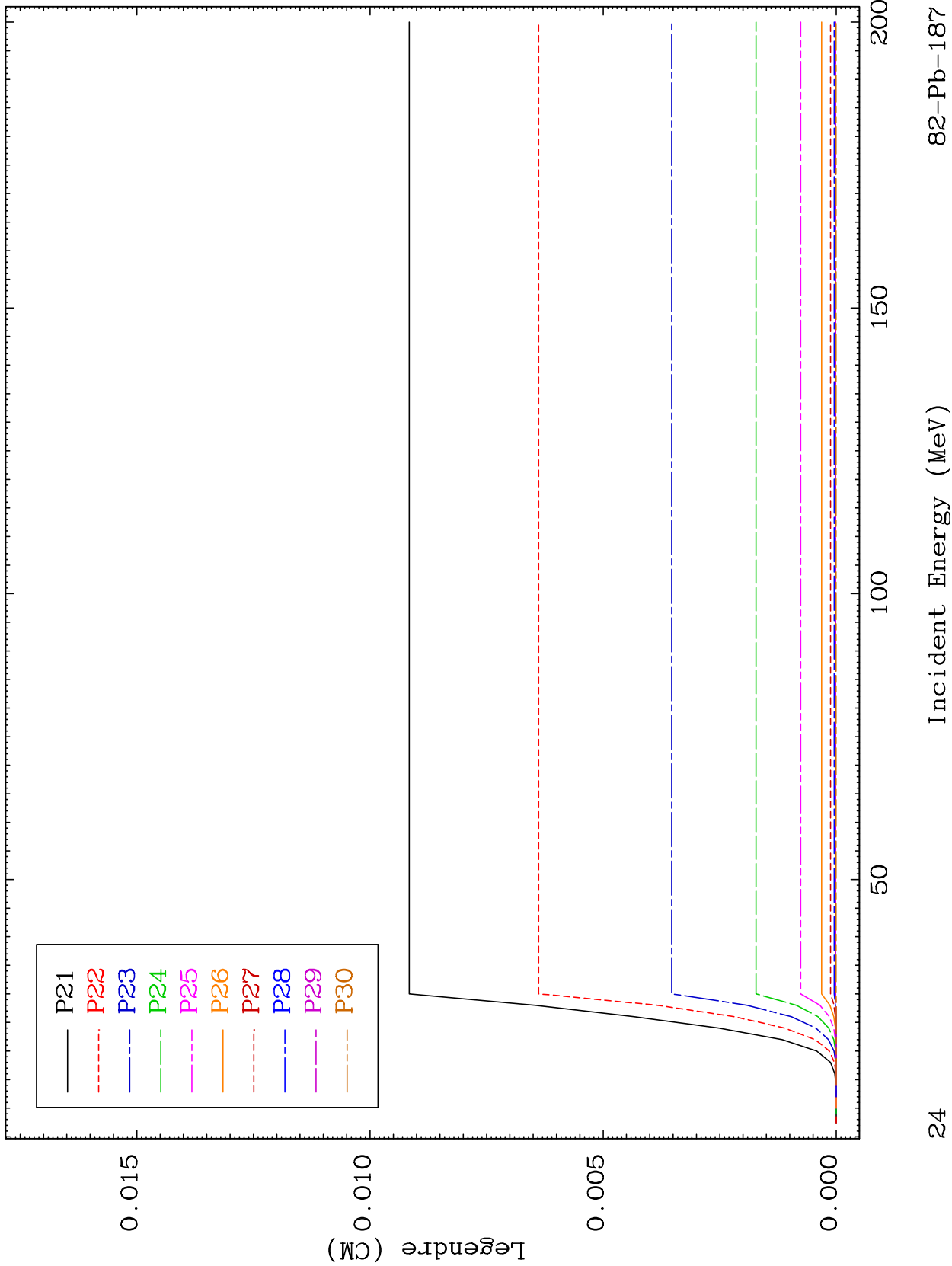
Incident Energy (MeV)

82-Pb-187

MAT 8174

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

82-Pb-187



24

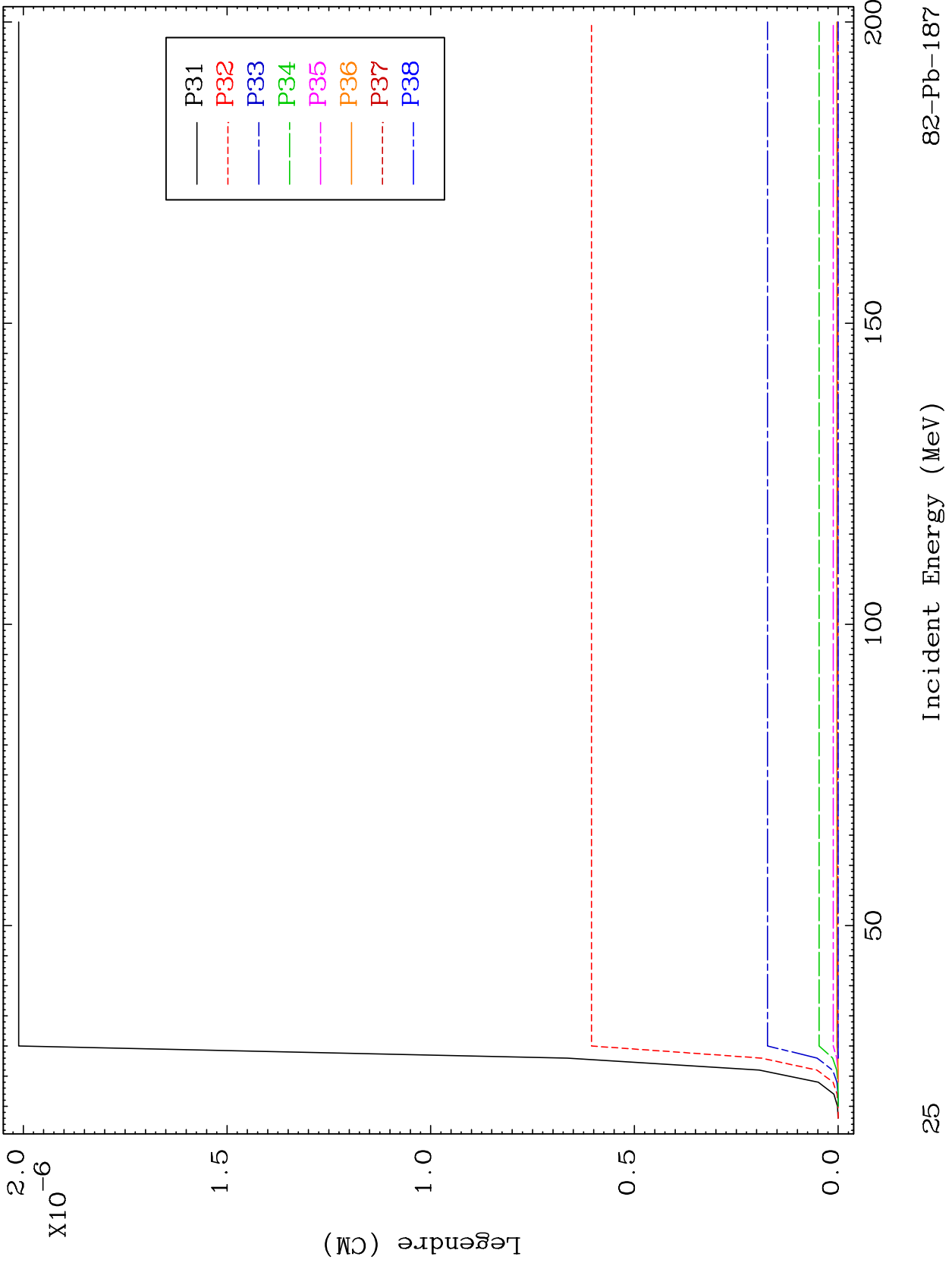
Incident Energy (MeV)

82-Pb-187

MAT 8174

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

82-Pb-187



82-Pb-187

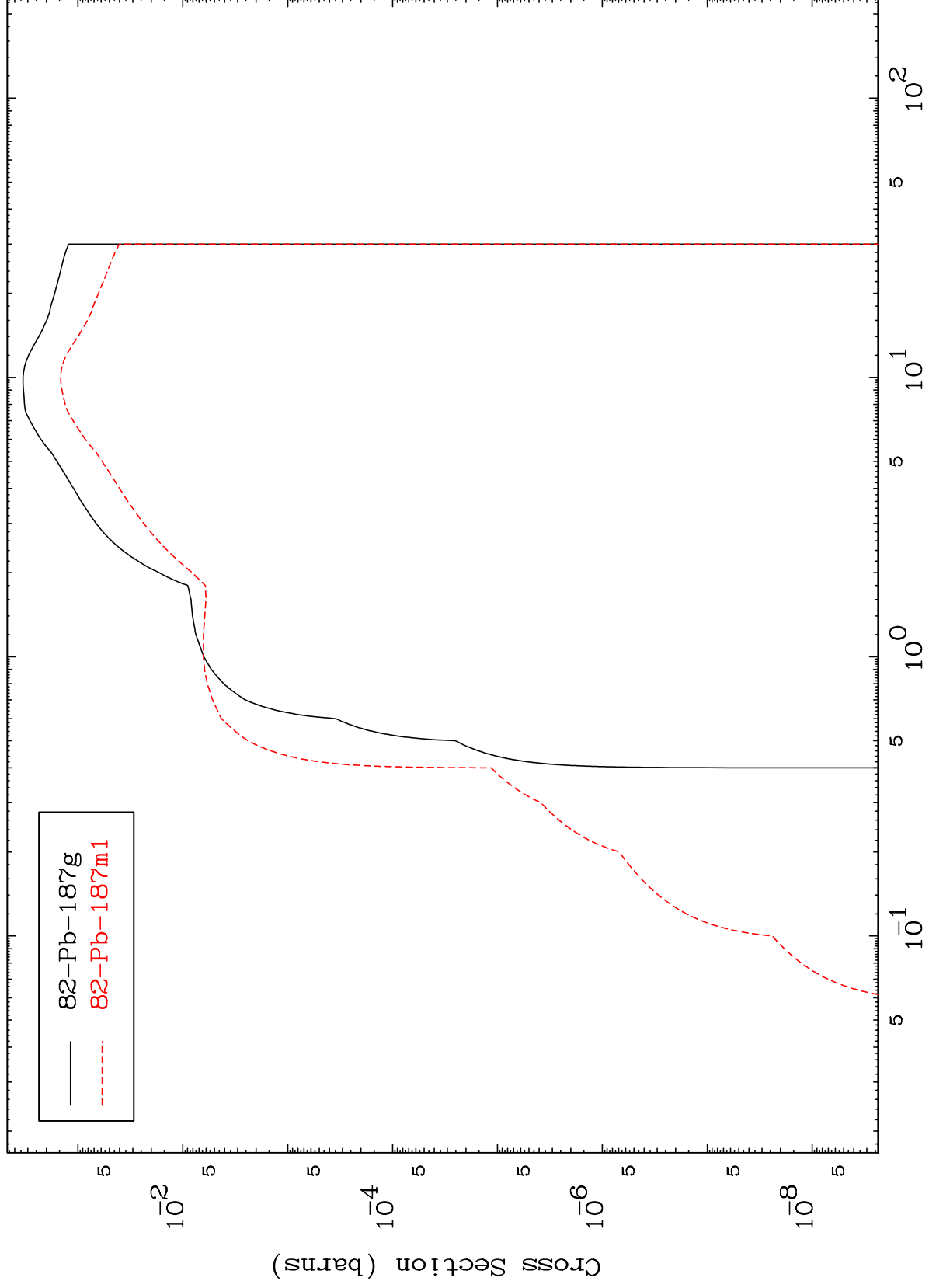
Incident Energy (MeV)

25

MAT 8174

82-Pb-187

Inelastic
Radionuclide Production Cross Section



82-Pb-187

Incident Energy (MeV)

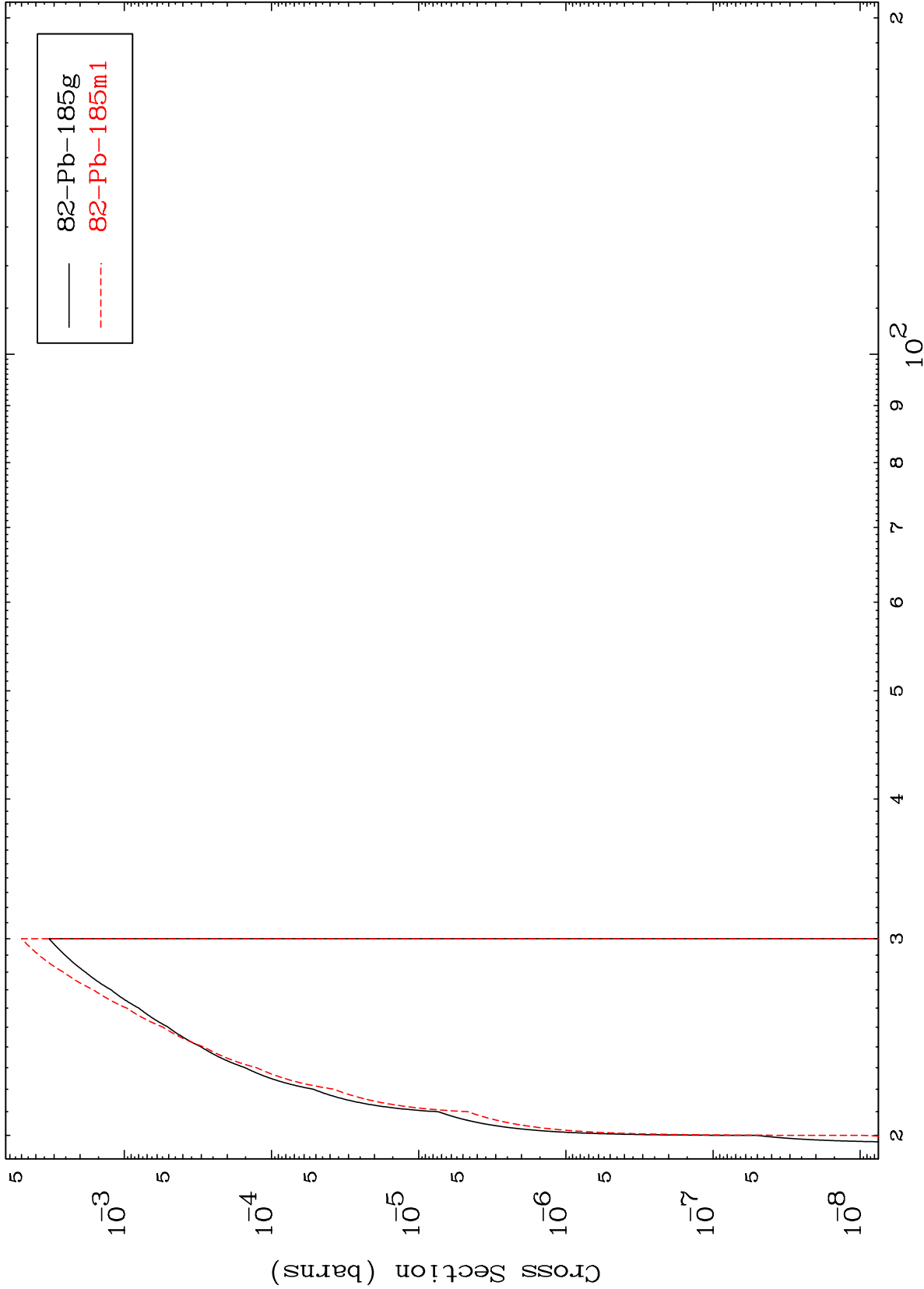
26

MAT 8174

(n,3n)

82-Pb-187

Radionuclide Production Cross Section



27

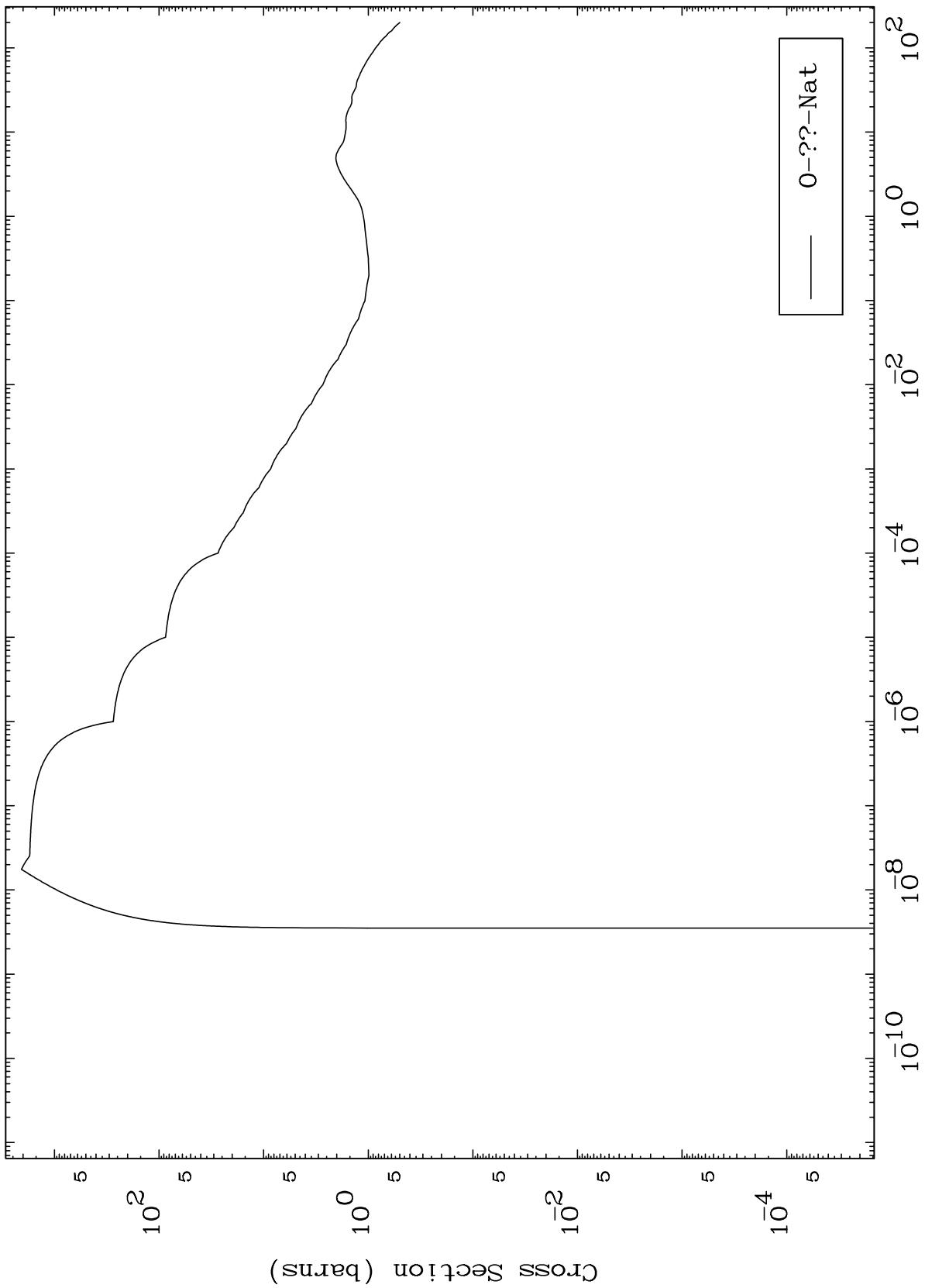
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

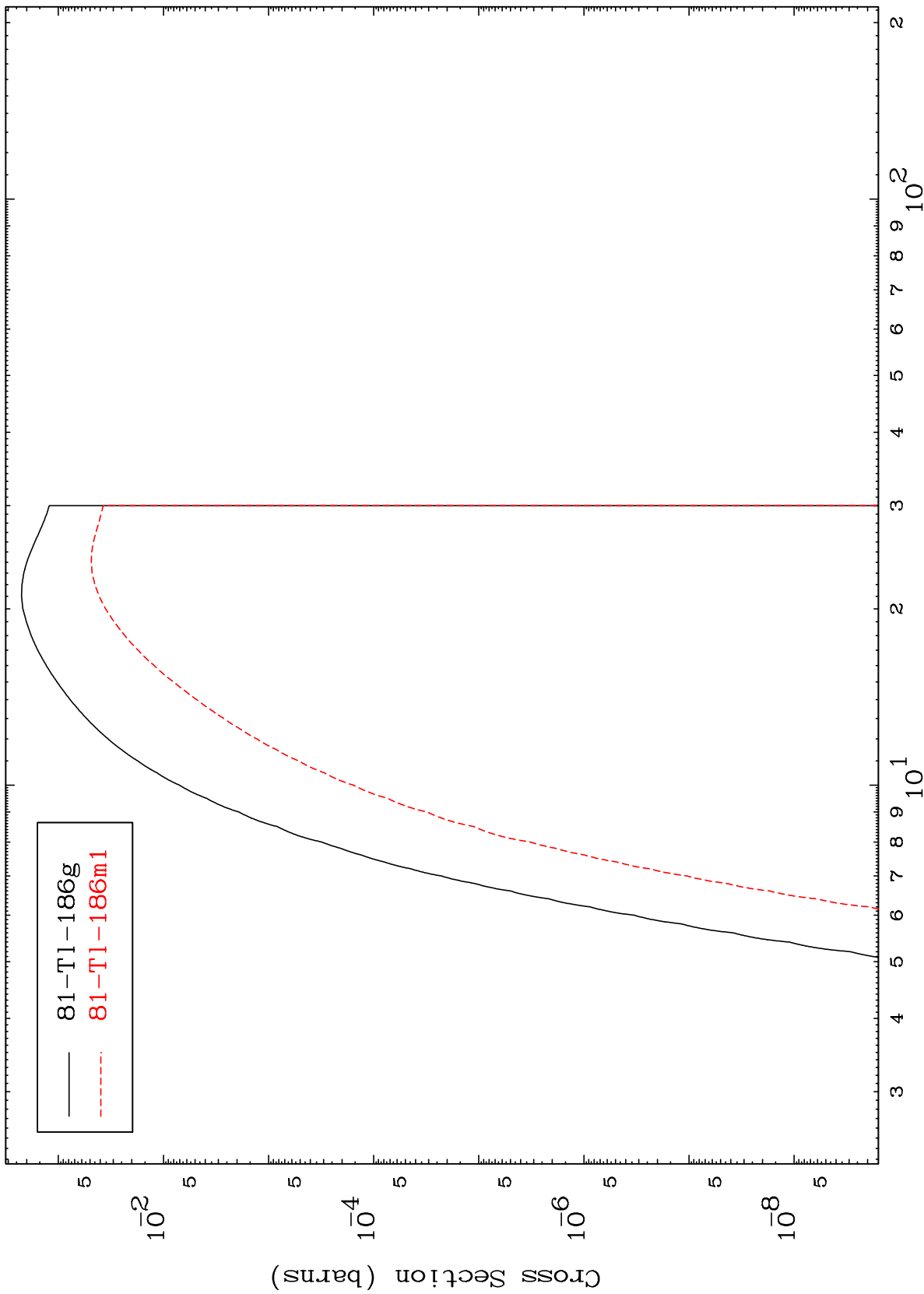
Fission
Radionuclide Production Cross Section



MAT 8174

82-Pb-187

(n,n') p
Radionuclide Production Cross Section



29

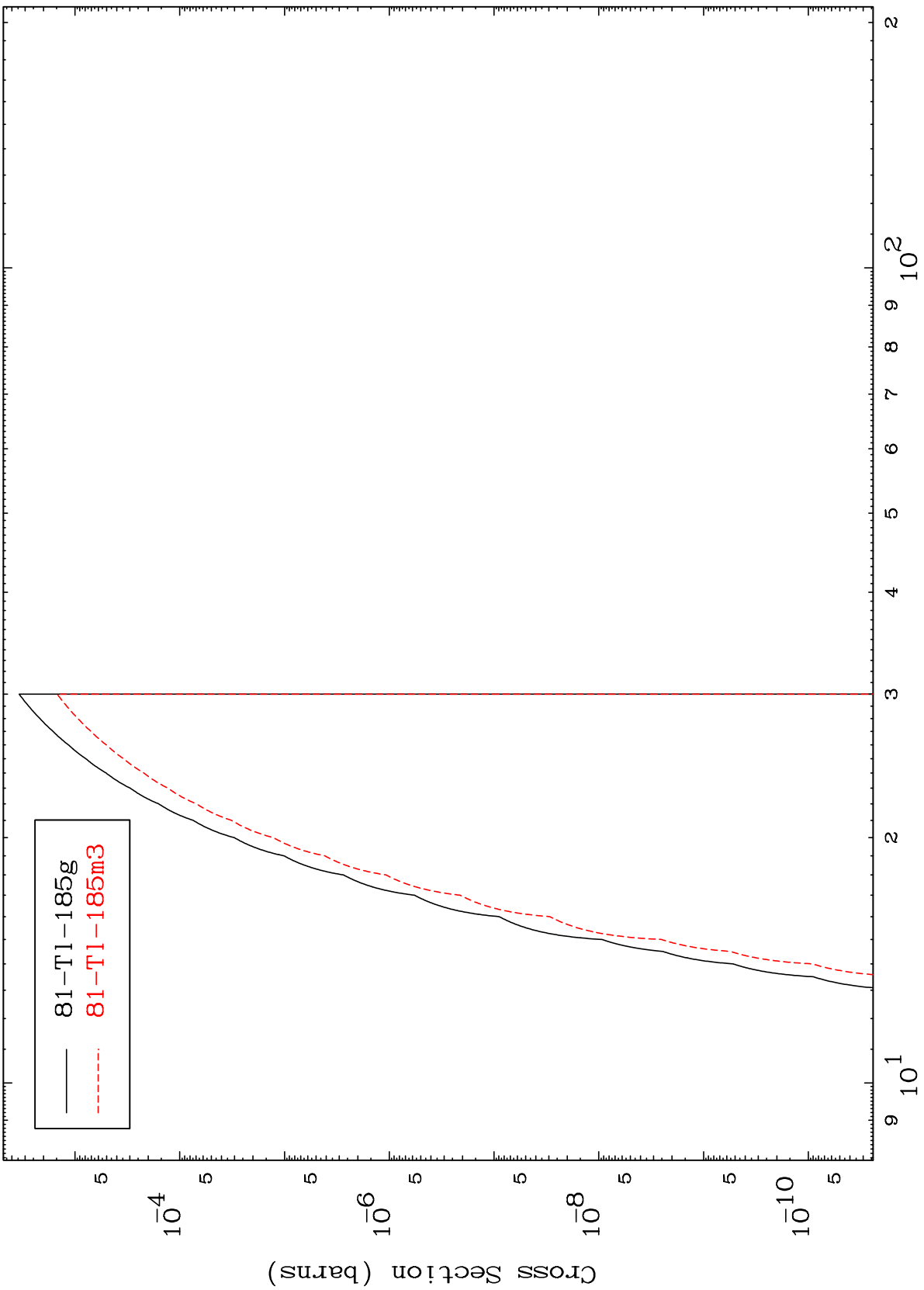
82-Pb-187

MAT 8174

(n,n') d

82-Pb-187

Radionuclide Production Cross Section

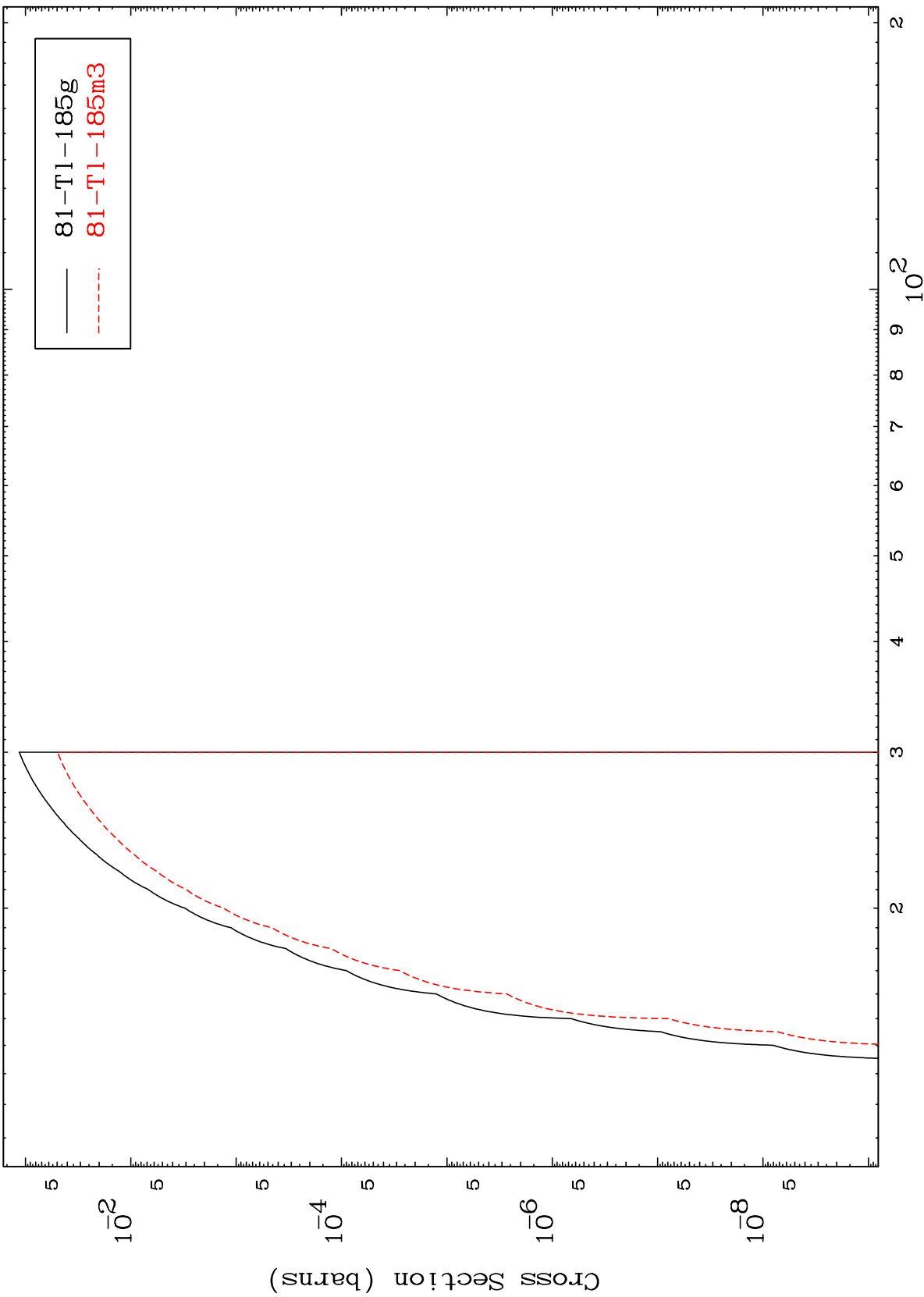


30

Incident Energy (MeV)

82-Pb-187

Radionuclide Production Cross Section



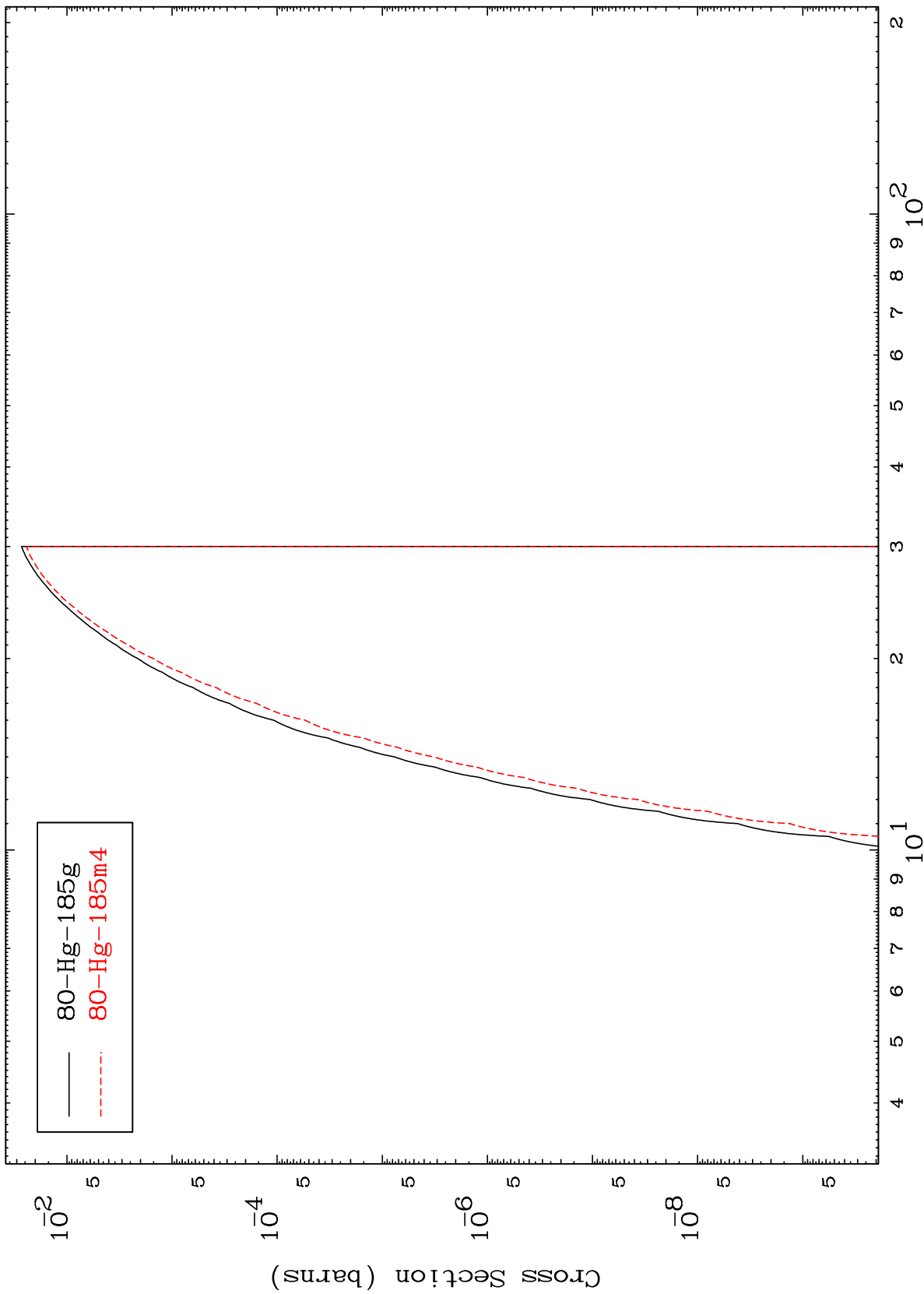
81-Tl-185g
81-Tl-185m3

MAT 8174

(n,2n) p

82-Pb-187

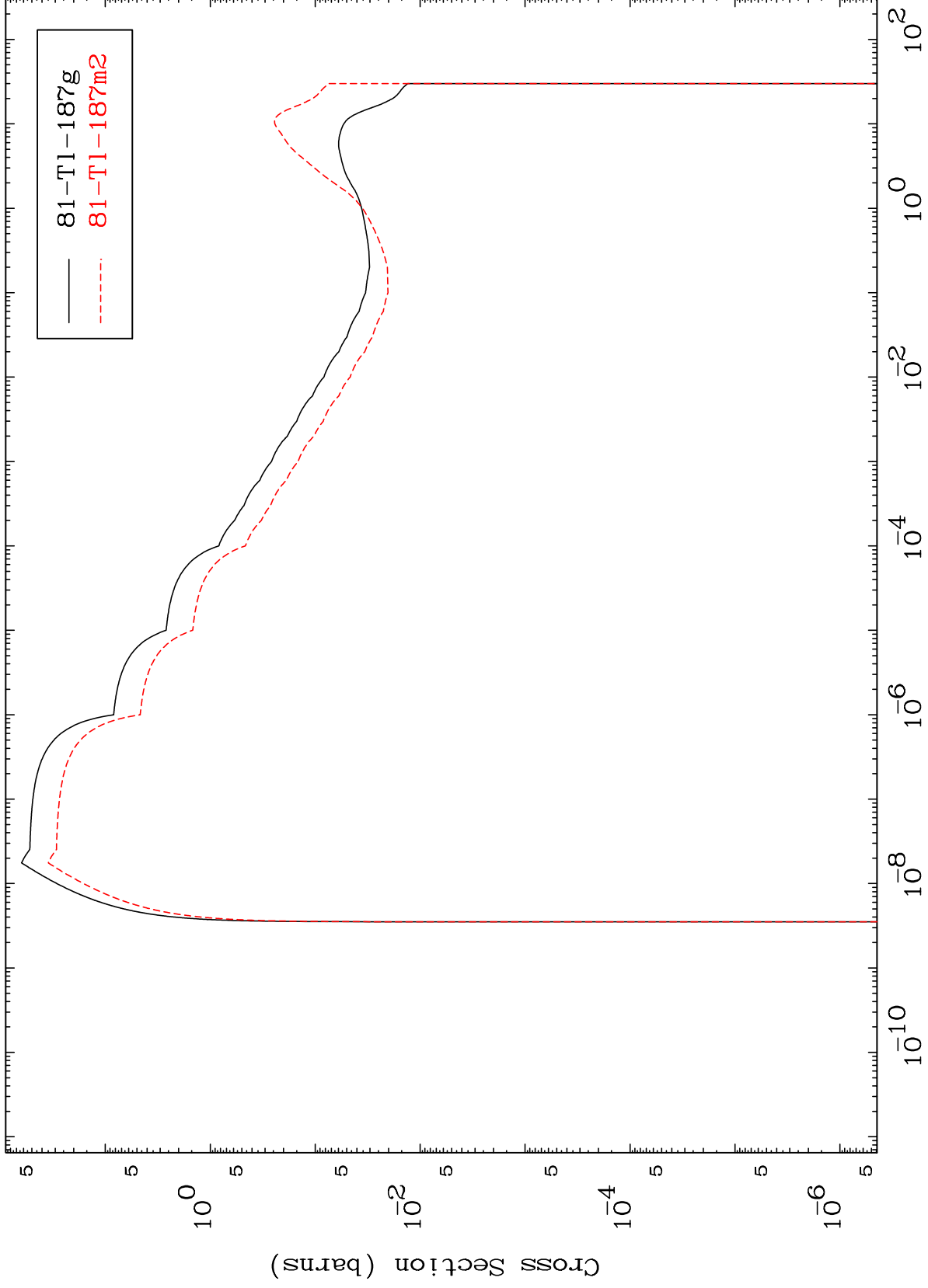
Radionuclide Production Cross Section



MAT 8174

82-Pb-187

(n,p)
Radionuclide Production Cross Section



33

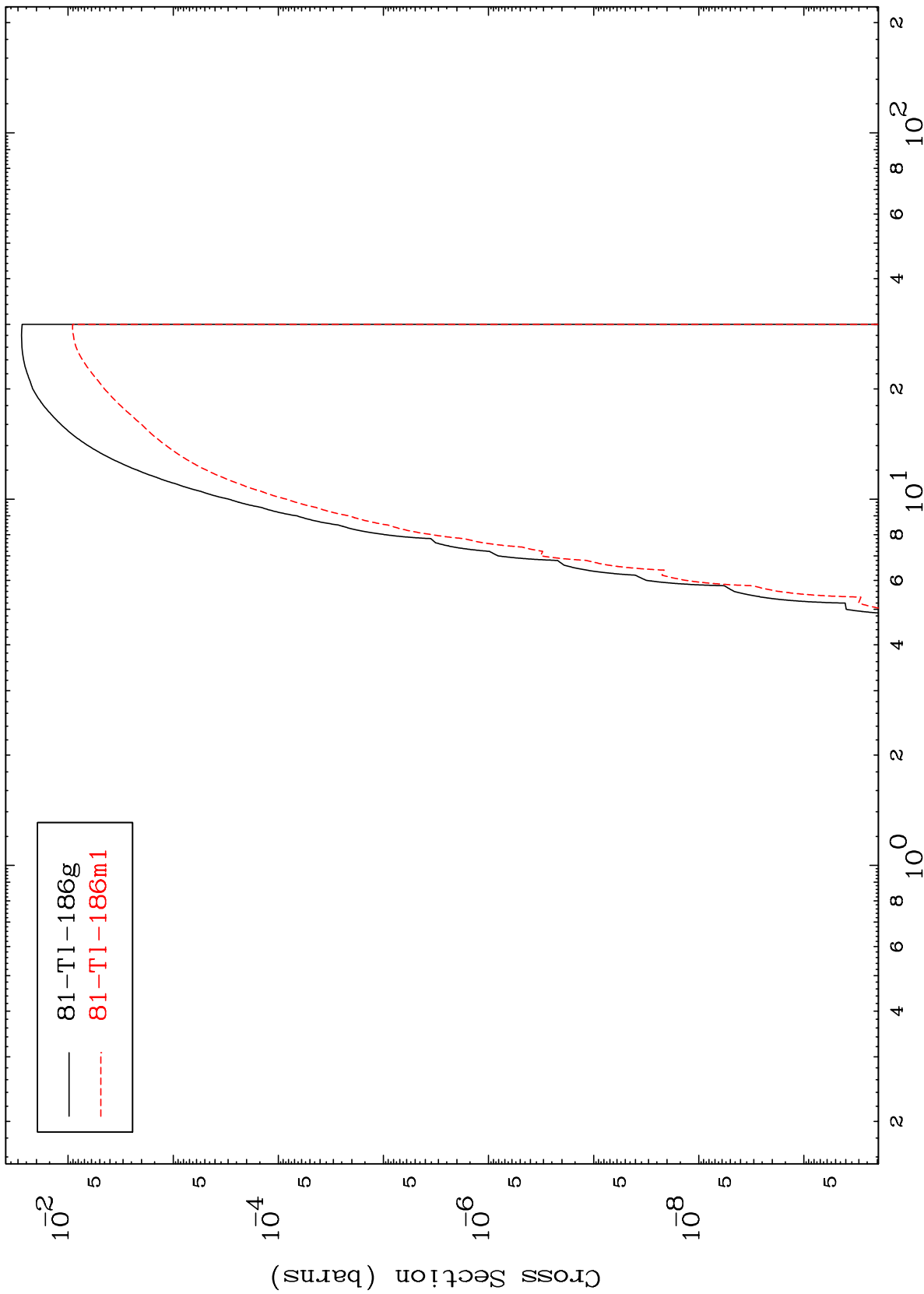
82-Pb-187

Incident Energy (MeV)

MAT 8174

82-Pb-187

(n,d)
Radionuclide Production Cross Section



82-Pb-187

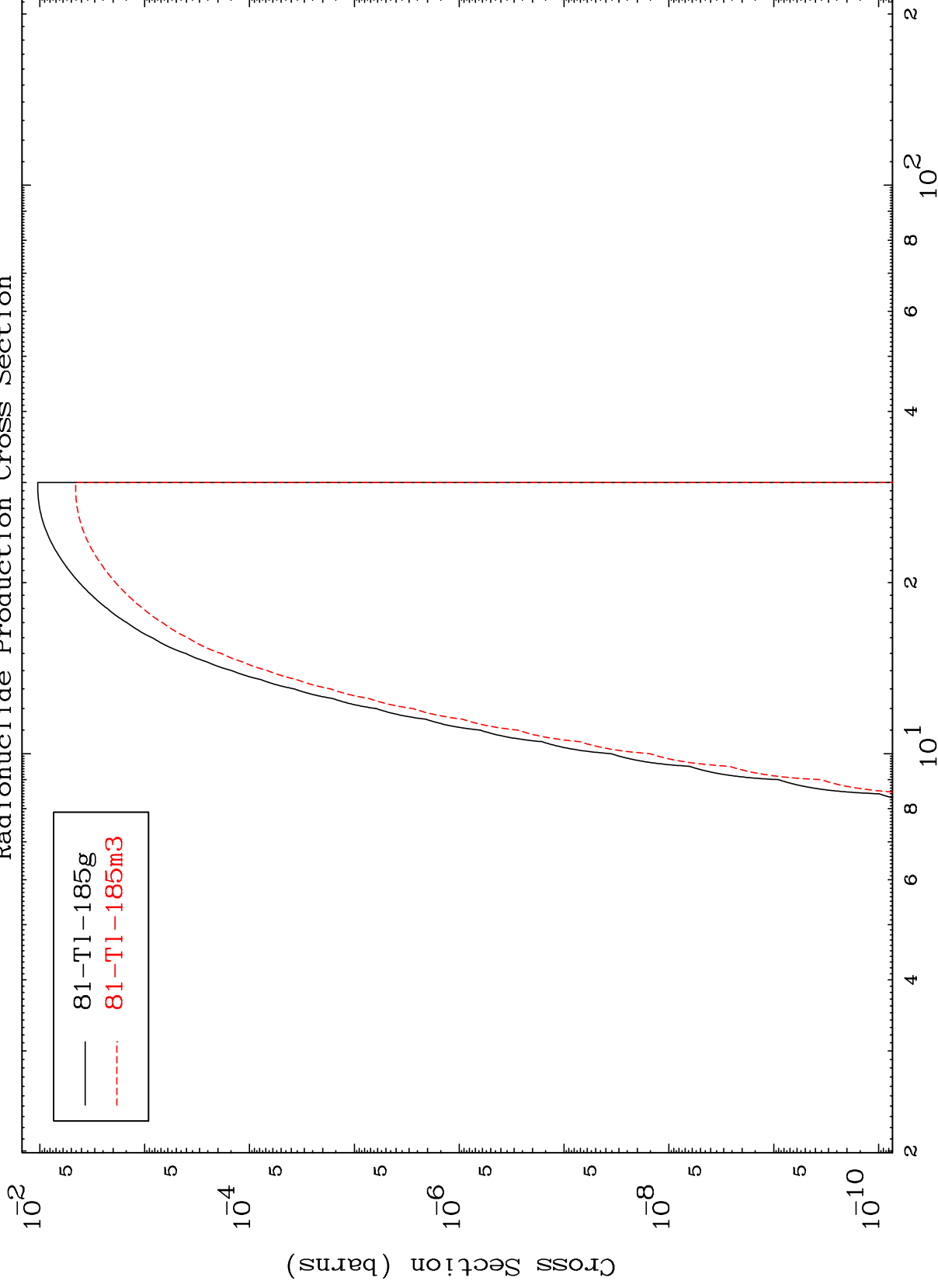
Incident Energy (MeV)

34

MAT 8174

82-Pb-187

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-187

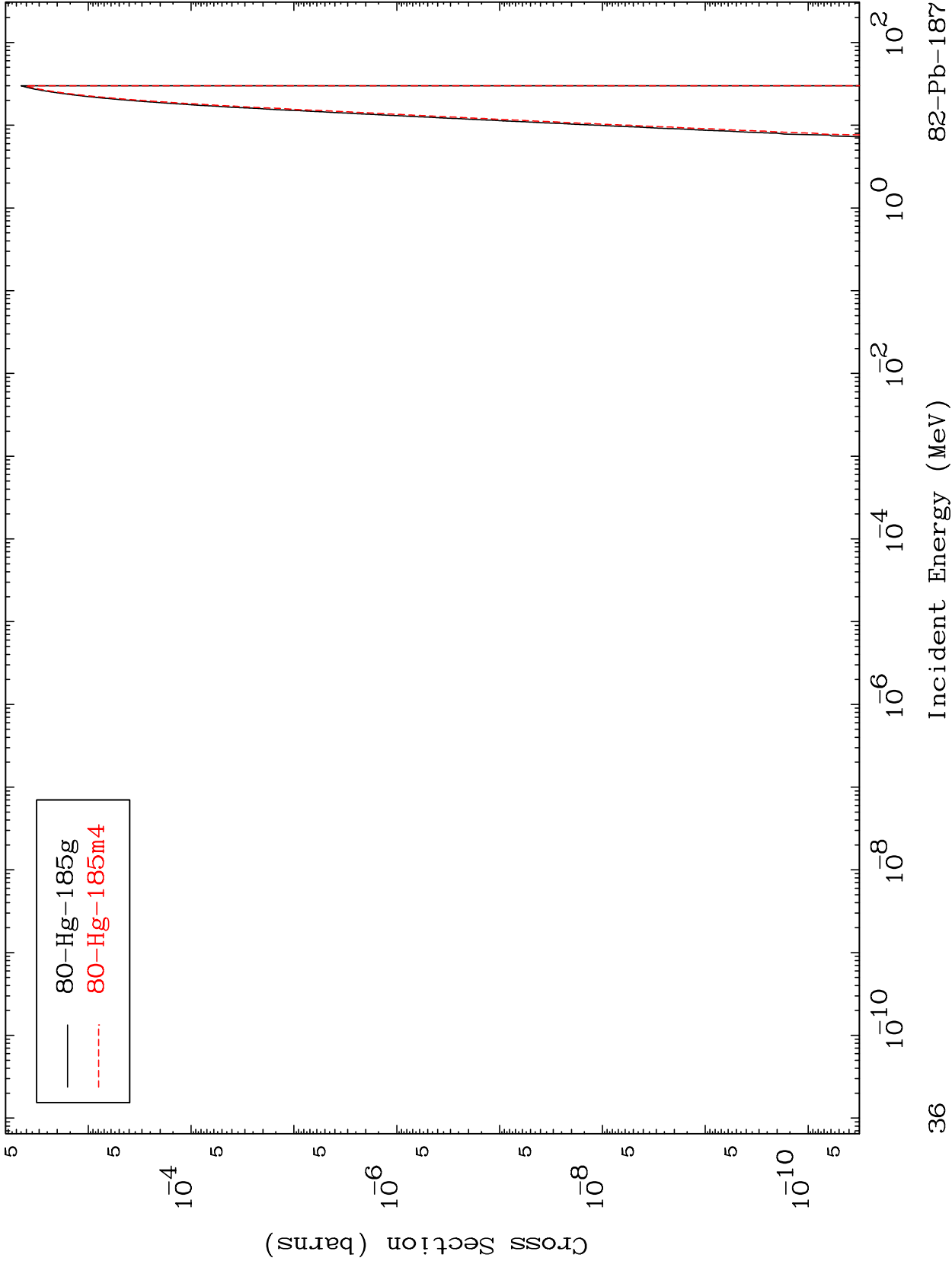
35

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

