

Program EVALPLOT
(Version 2017-1)

by

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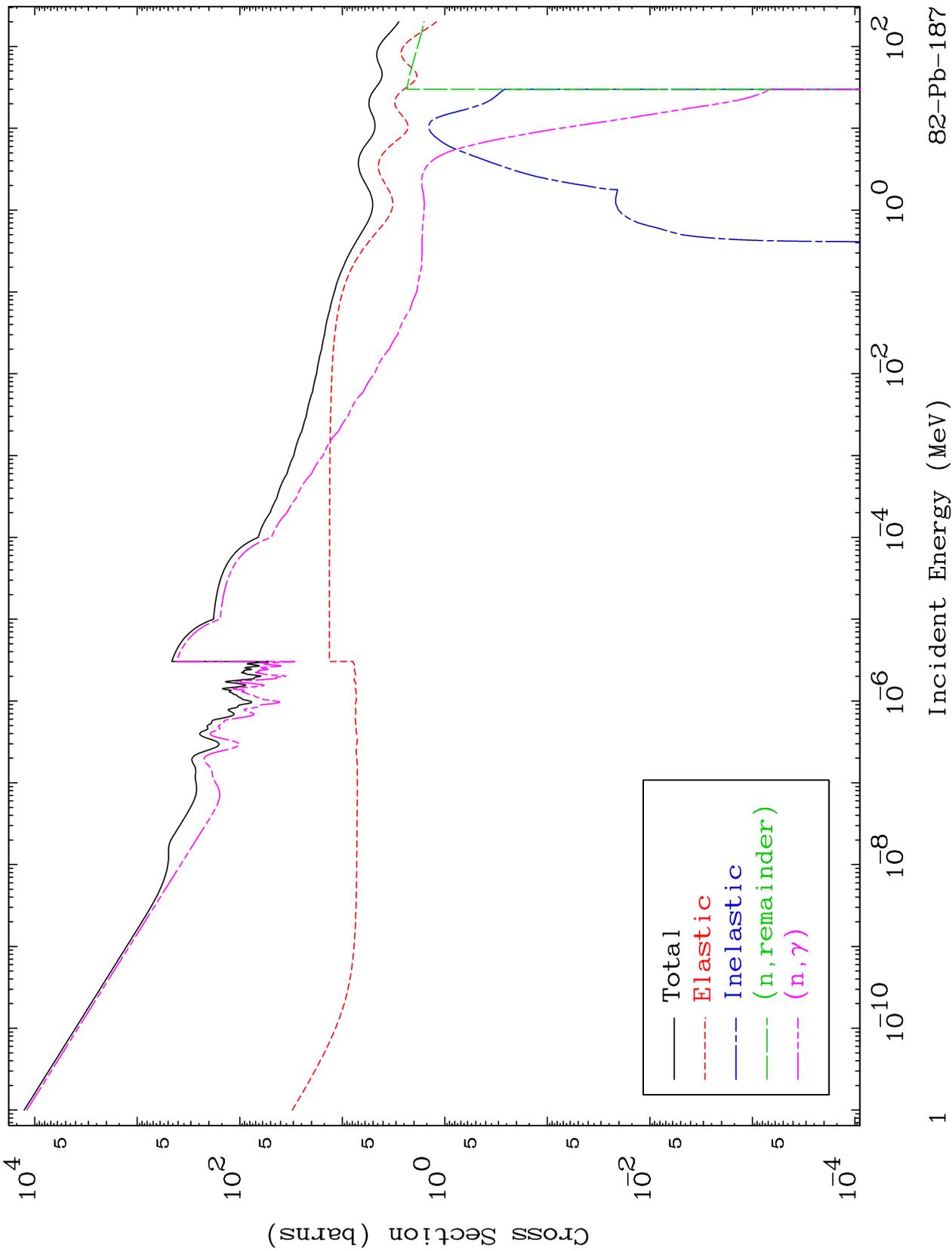
Press Mouse Button to Start

MAT 8174

Major

293 Kelvin Cross Sections

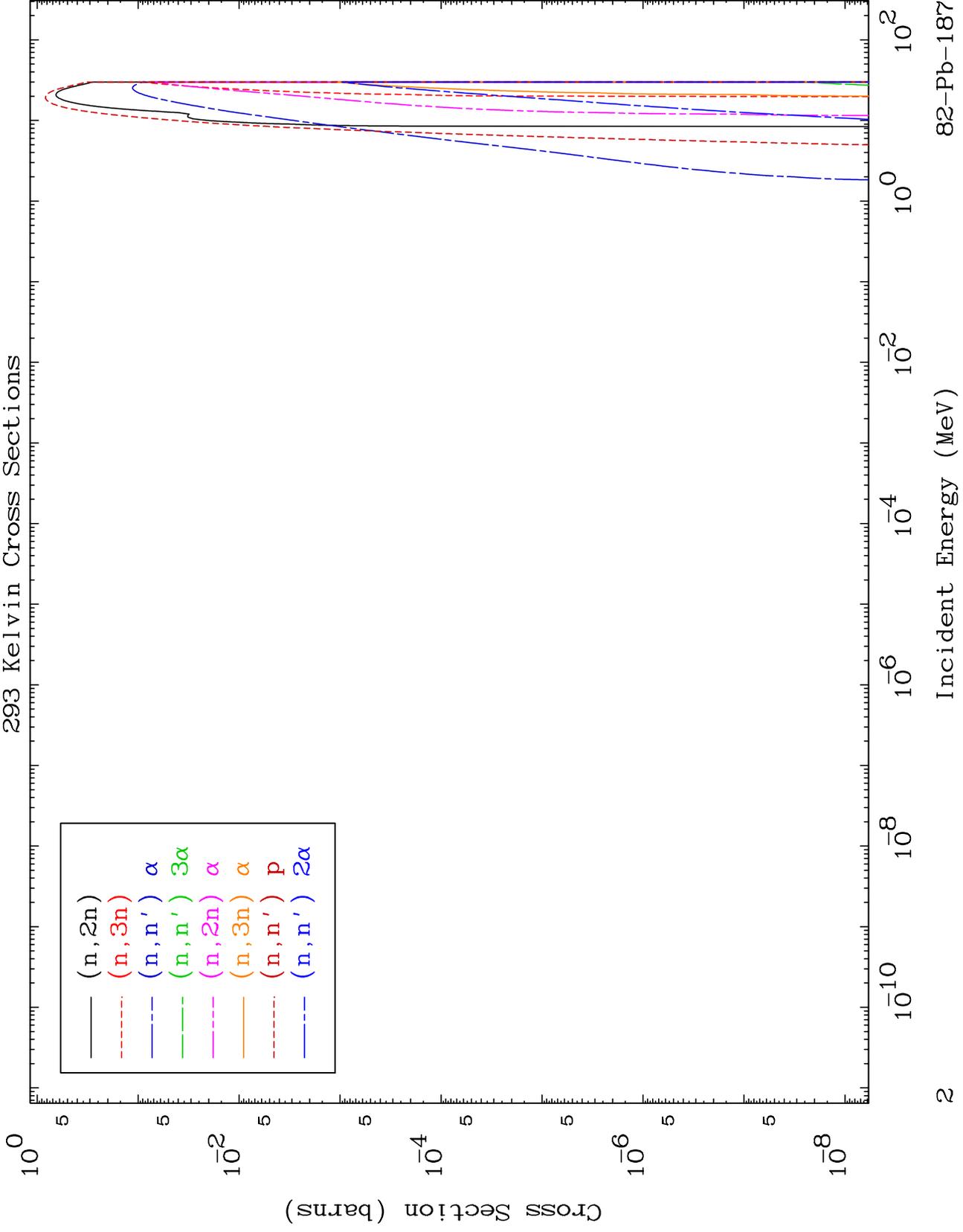
82-Pb-187



MAT 8174

Neutron Production
293 Kelvin Cross Sections

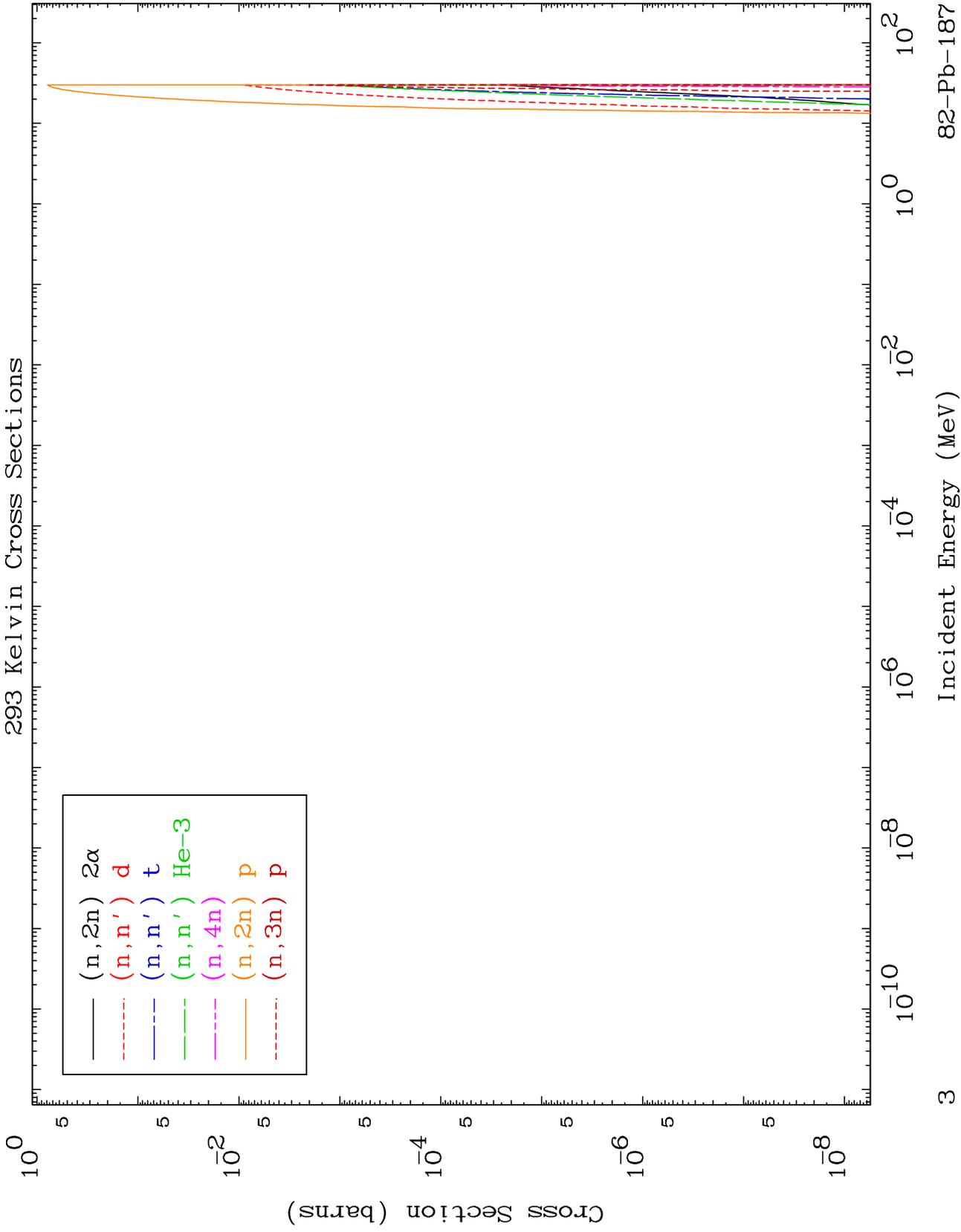
82-Pb-187



MAT 8174

Neutron Production
293 Kelvin Cross Sections

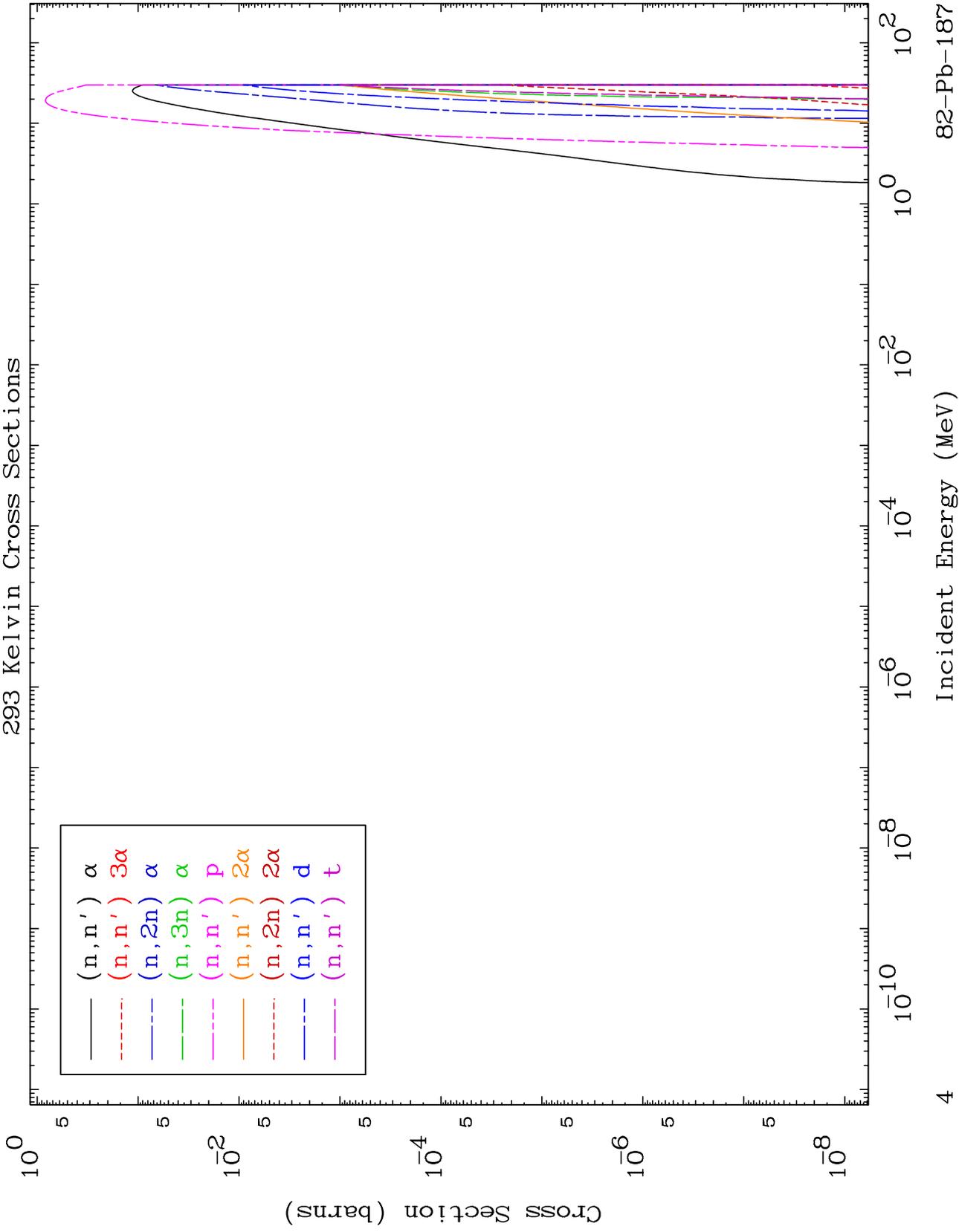
82-Pb-187



MAT 8174

Charged Particle
293 Kelvin Cross Sections

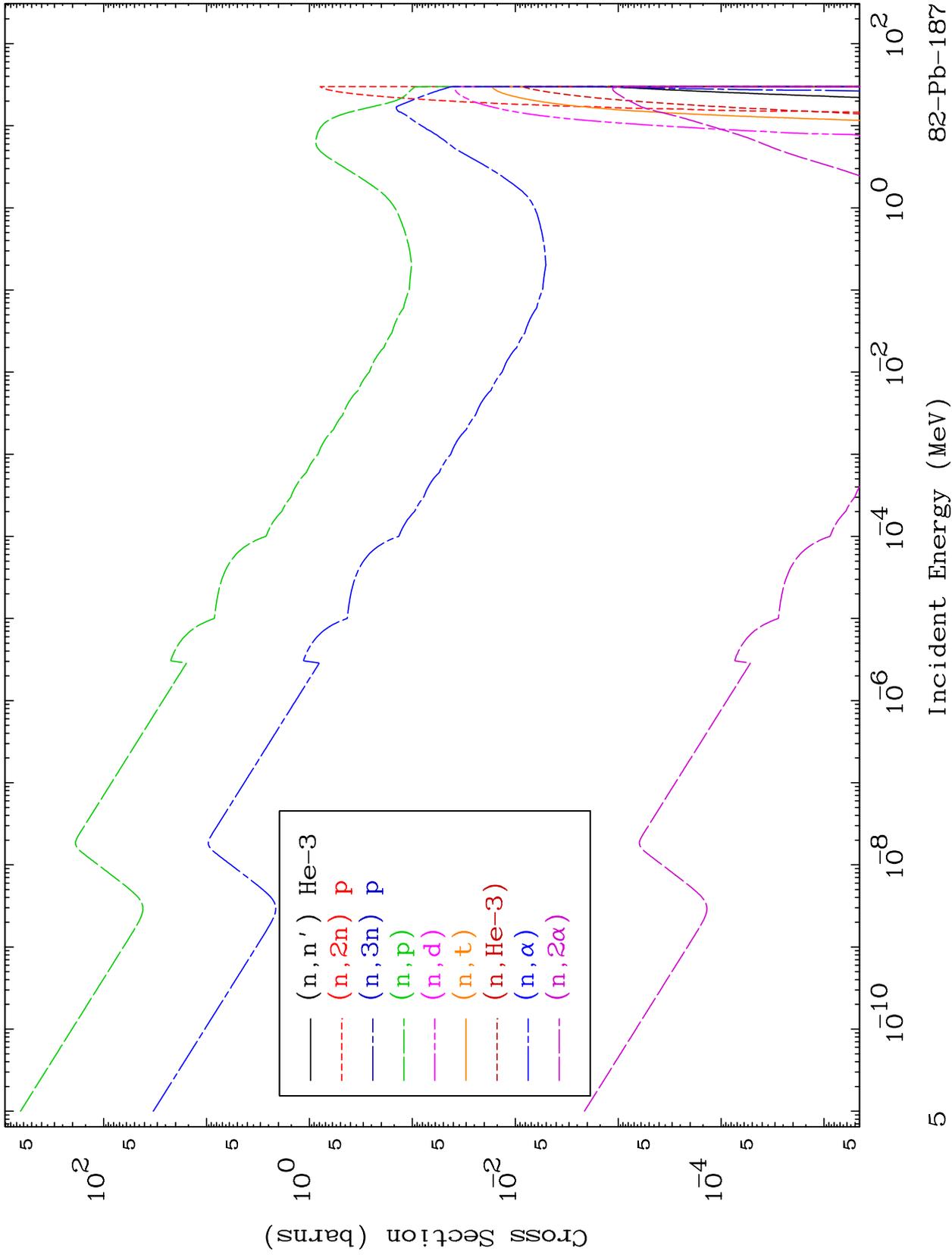
82-Pb-187



MAT 8174

Charged Particle
293 Kelvin Cross Sections

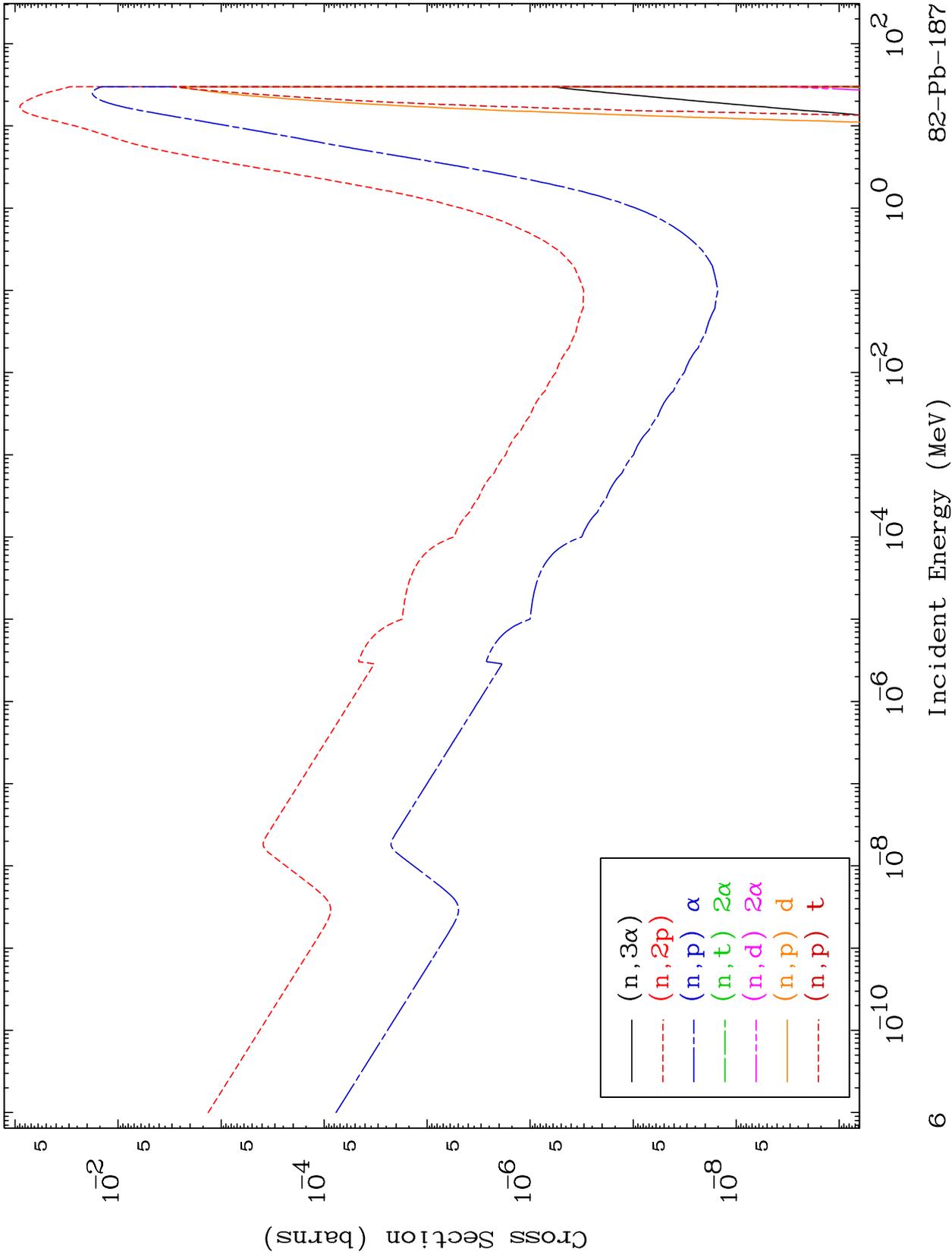
82-Pb-187



MAT 8174

Charged Particle
293 Kelvin Cross Sections

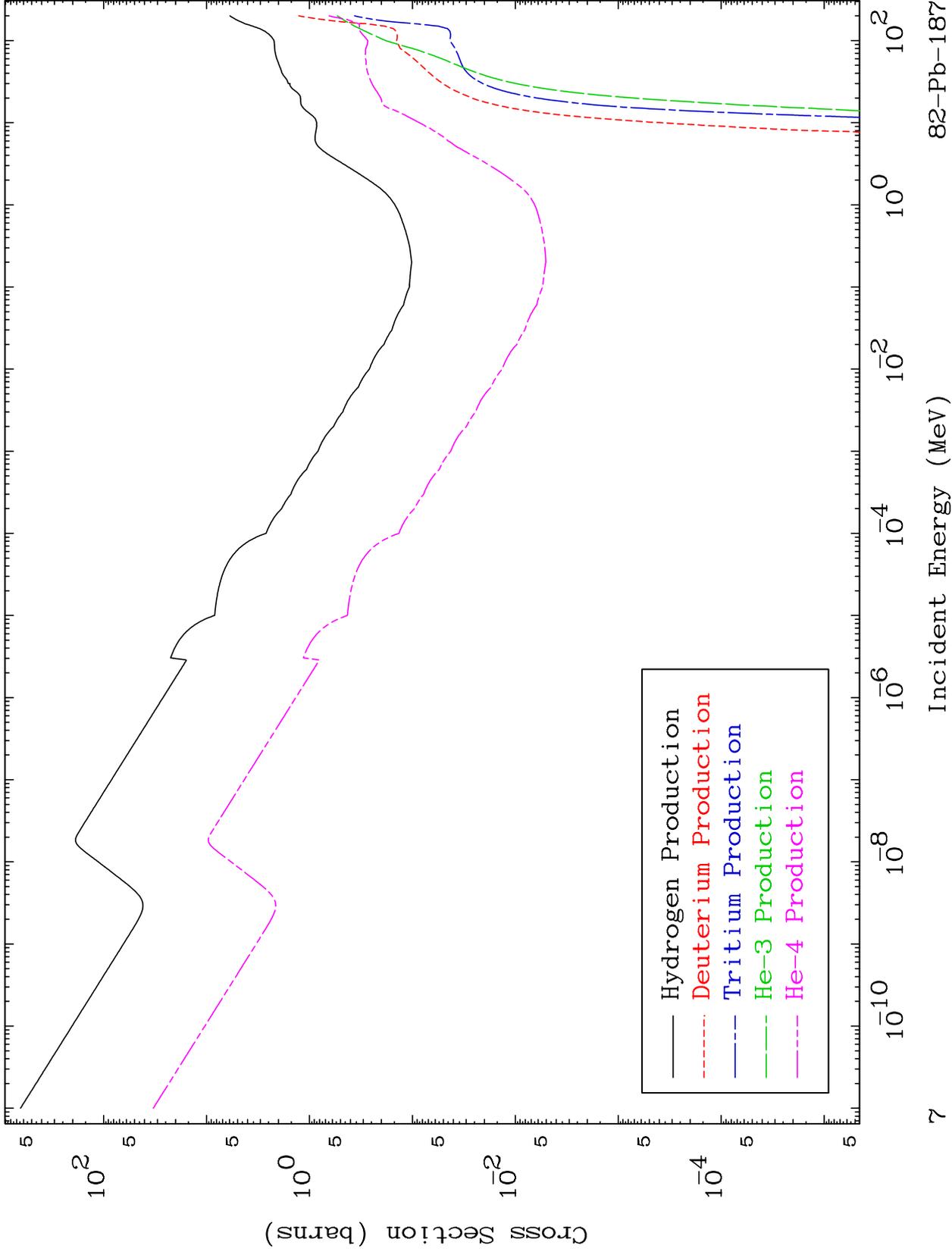
82-Pb-187



MAT 8174

Particle Production
293 Kelvin Cross Sections

82-Pb-187

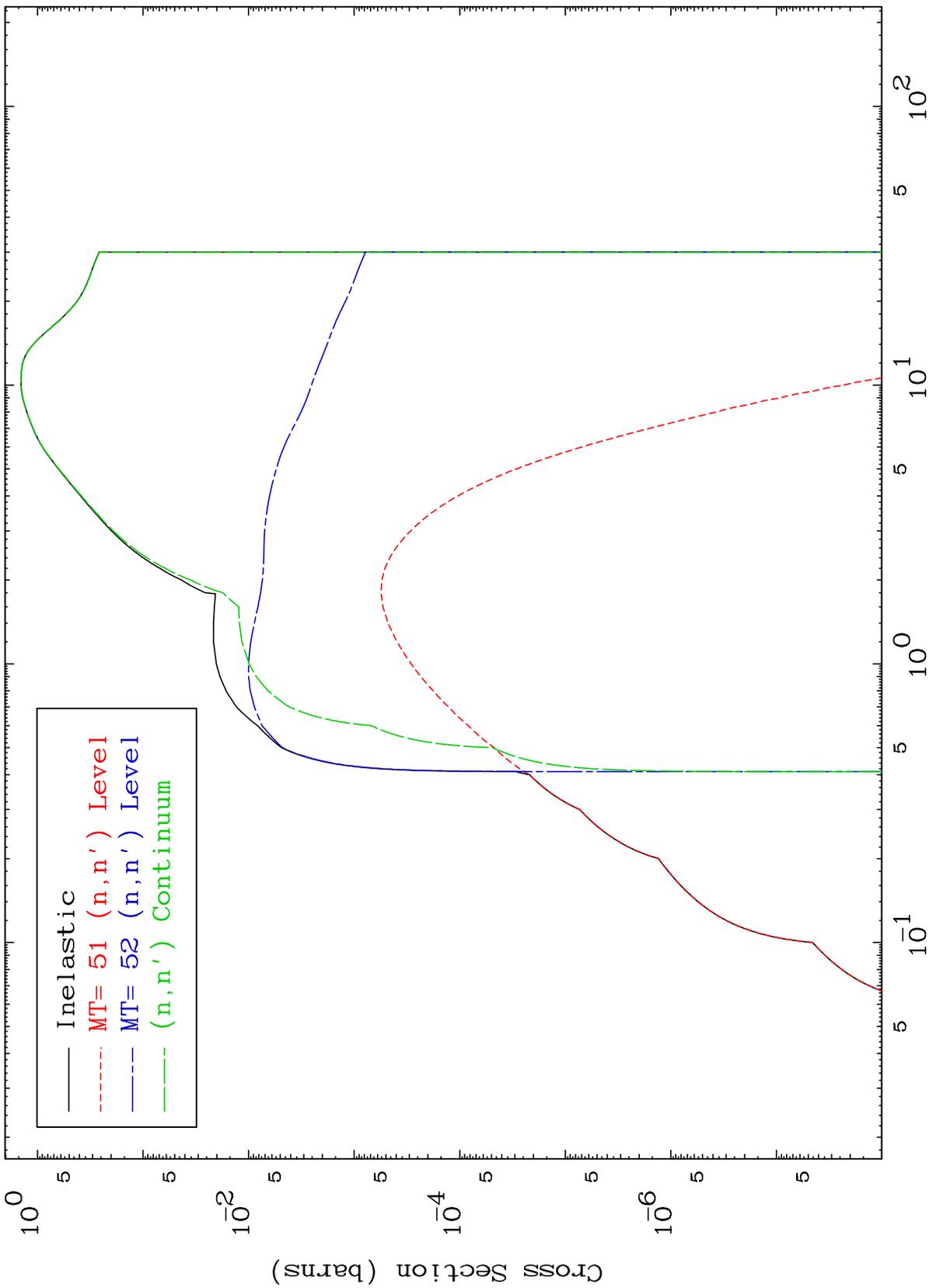


MAT 8174

(n,n') Level

82-Pb-187

293 Kelvin Cross Sections

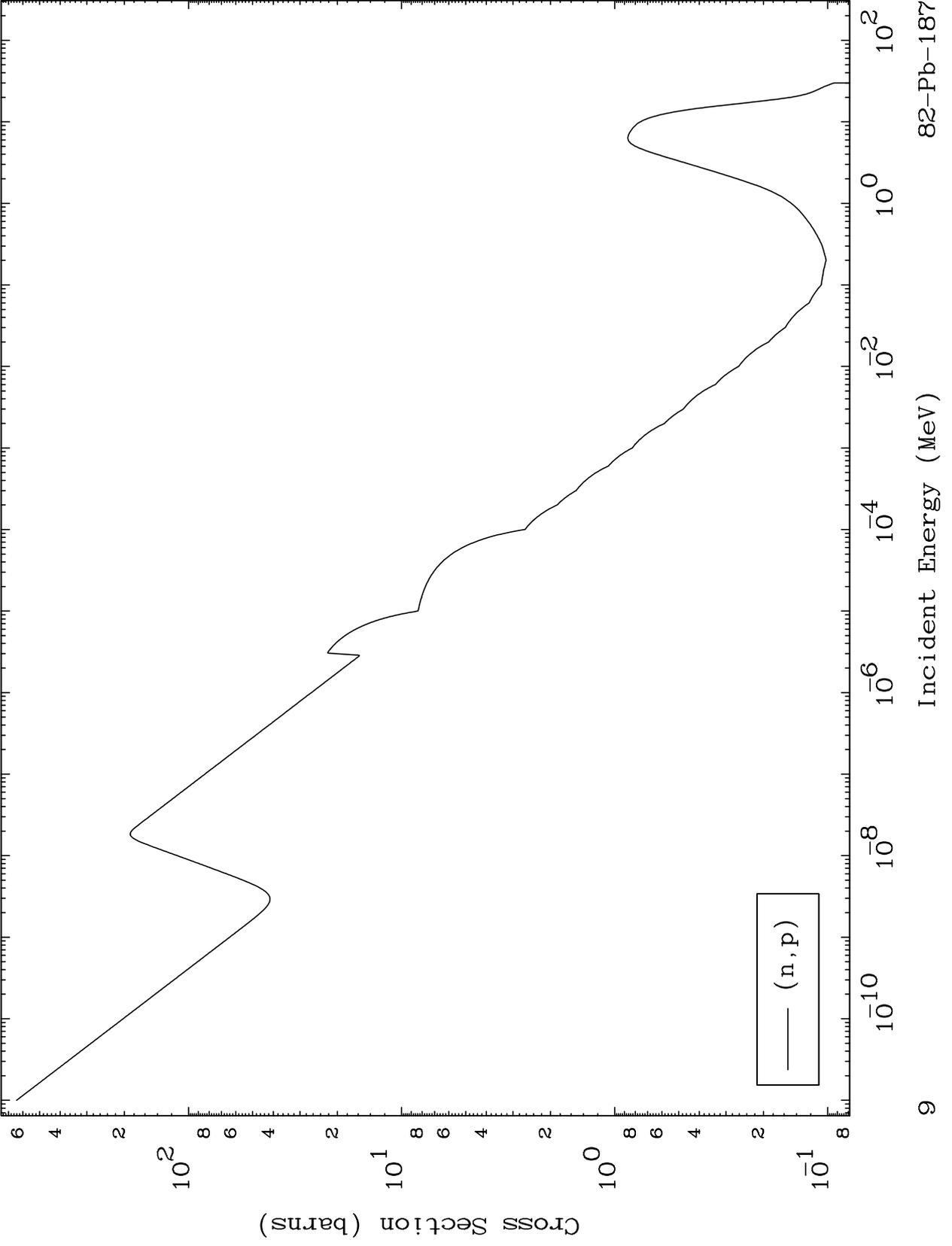


Legend:
— Inelastic
- - - MT= 51 (n,n') Level
- - - MT= 52 (n,n') Level
- - - (n,n') Continuum

MAT 8174

(n,p) Levels
293 Kelvin Cross Sections

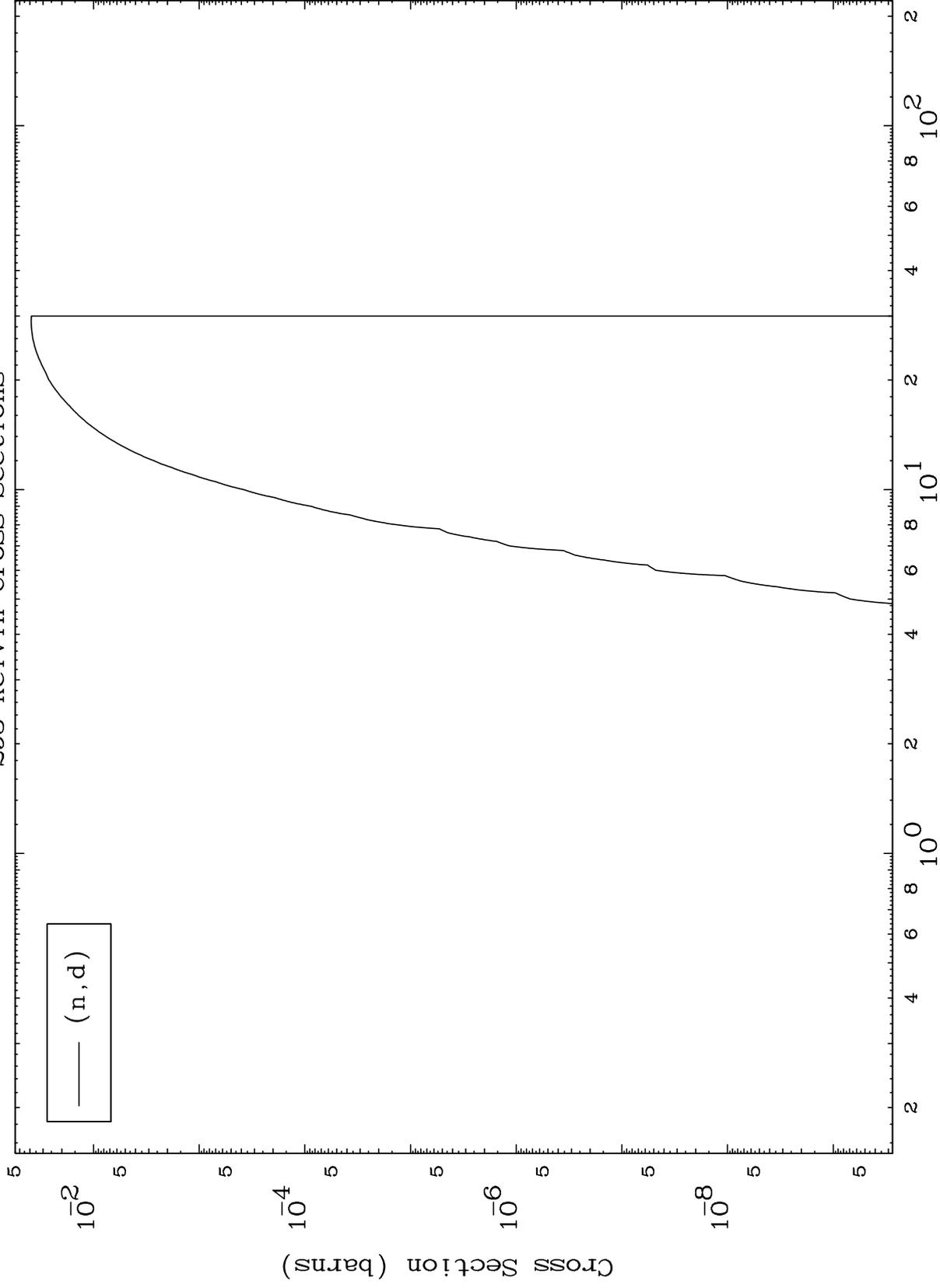
82-Pb-187



MAT 8174

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-187



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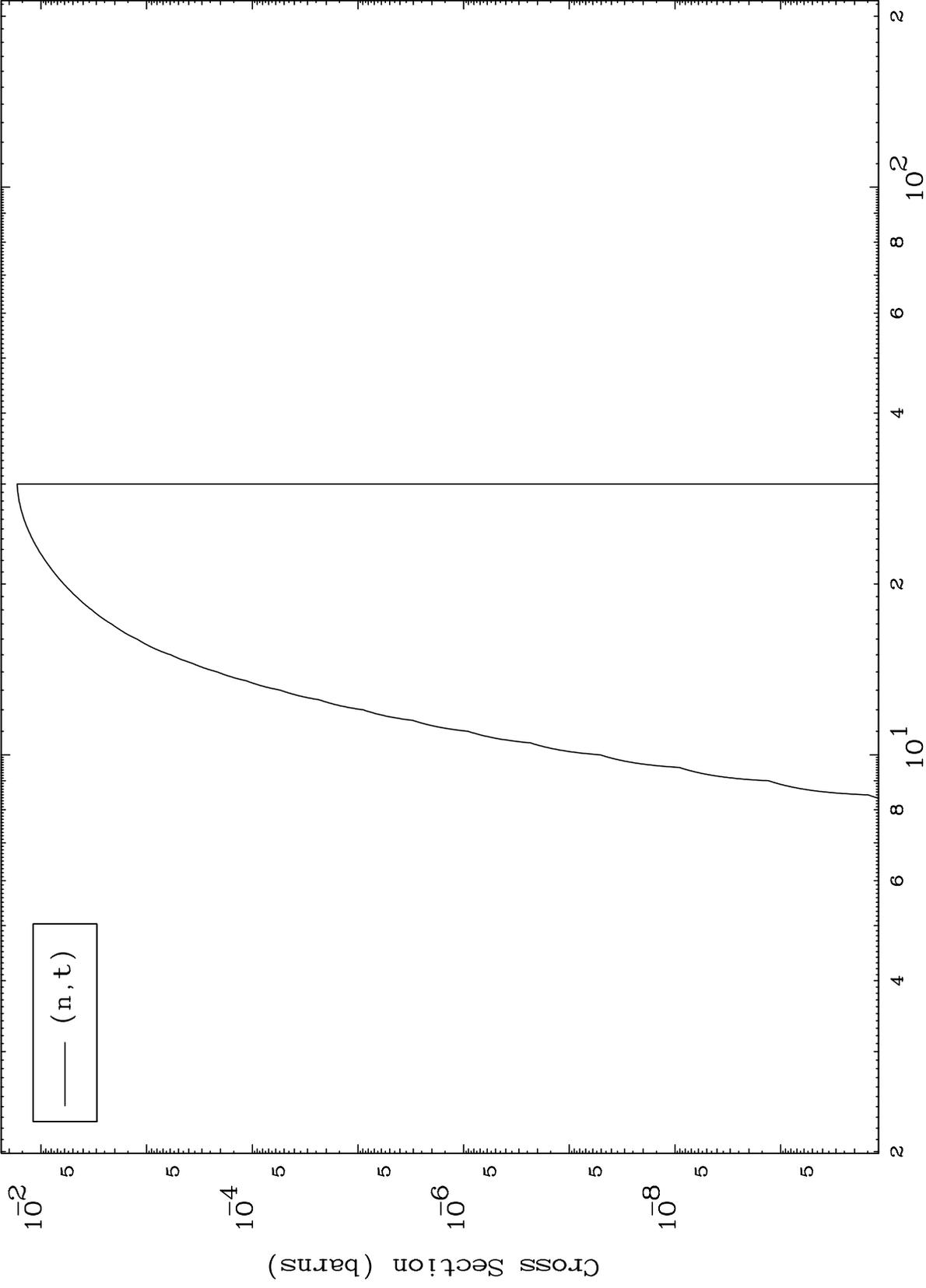
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-187



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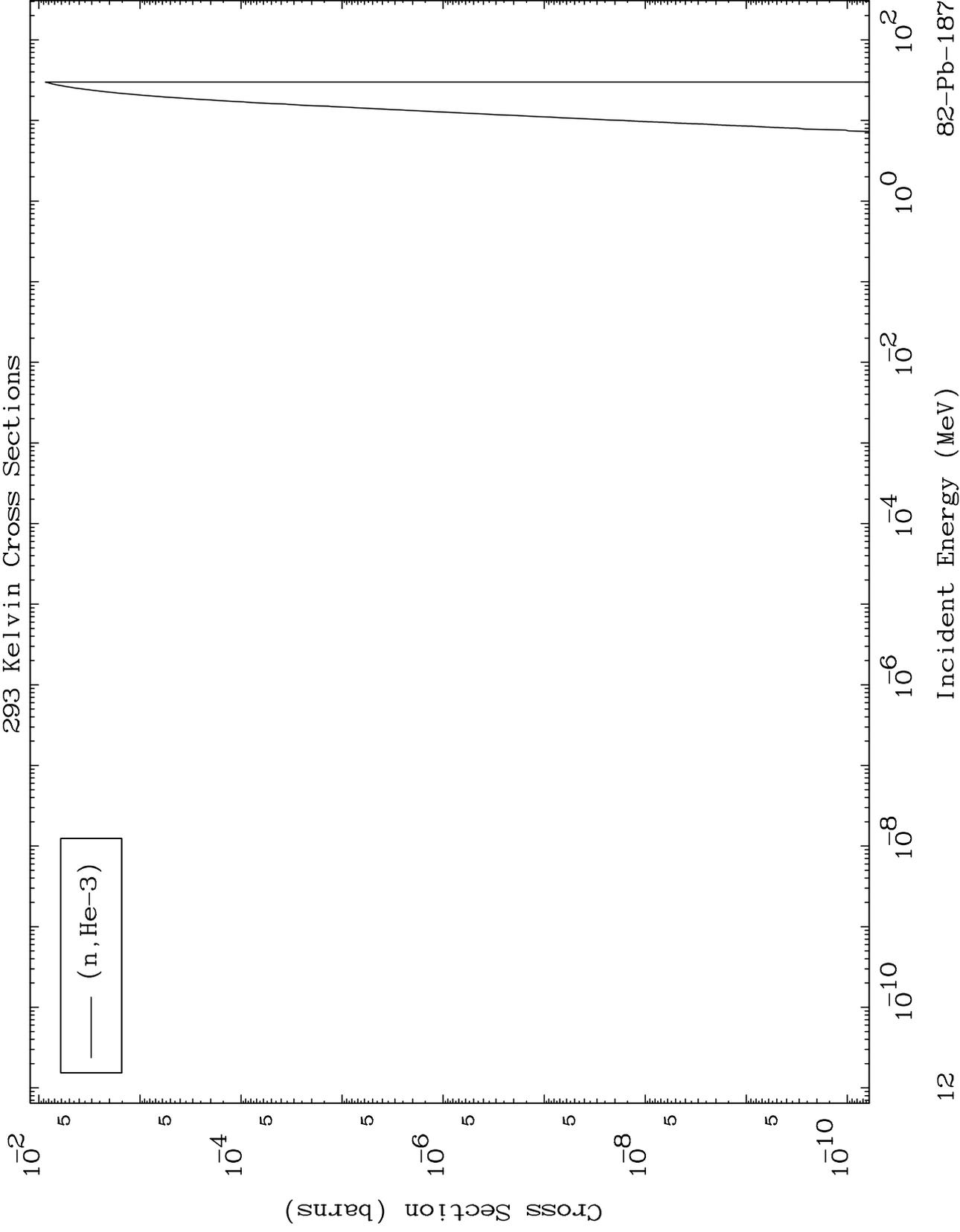
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,He3) Levels
293 Kelvin Cross Sections

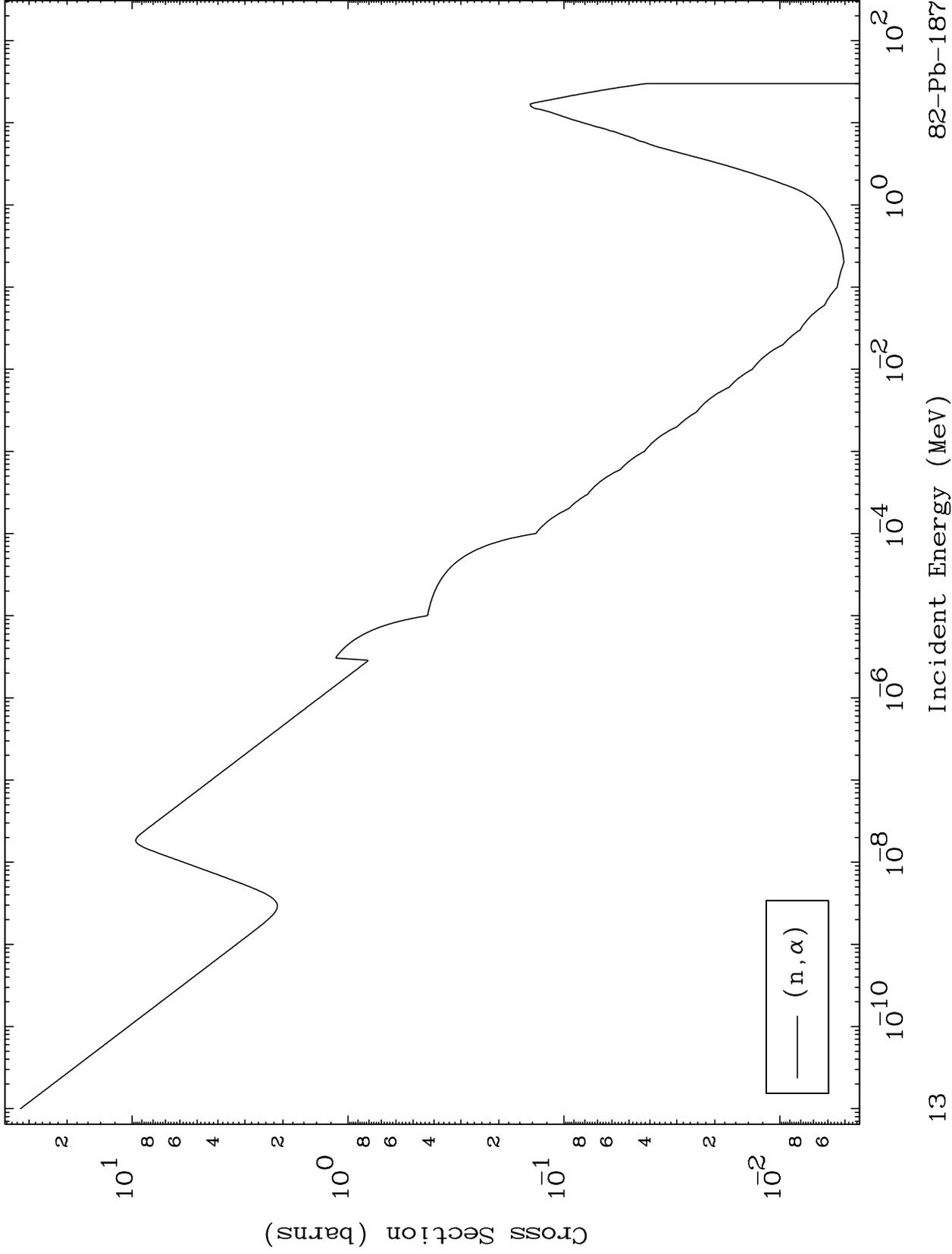
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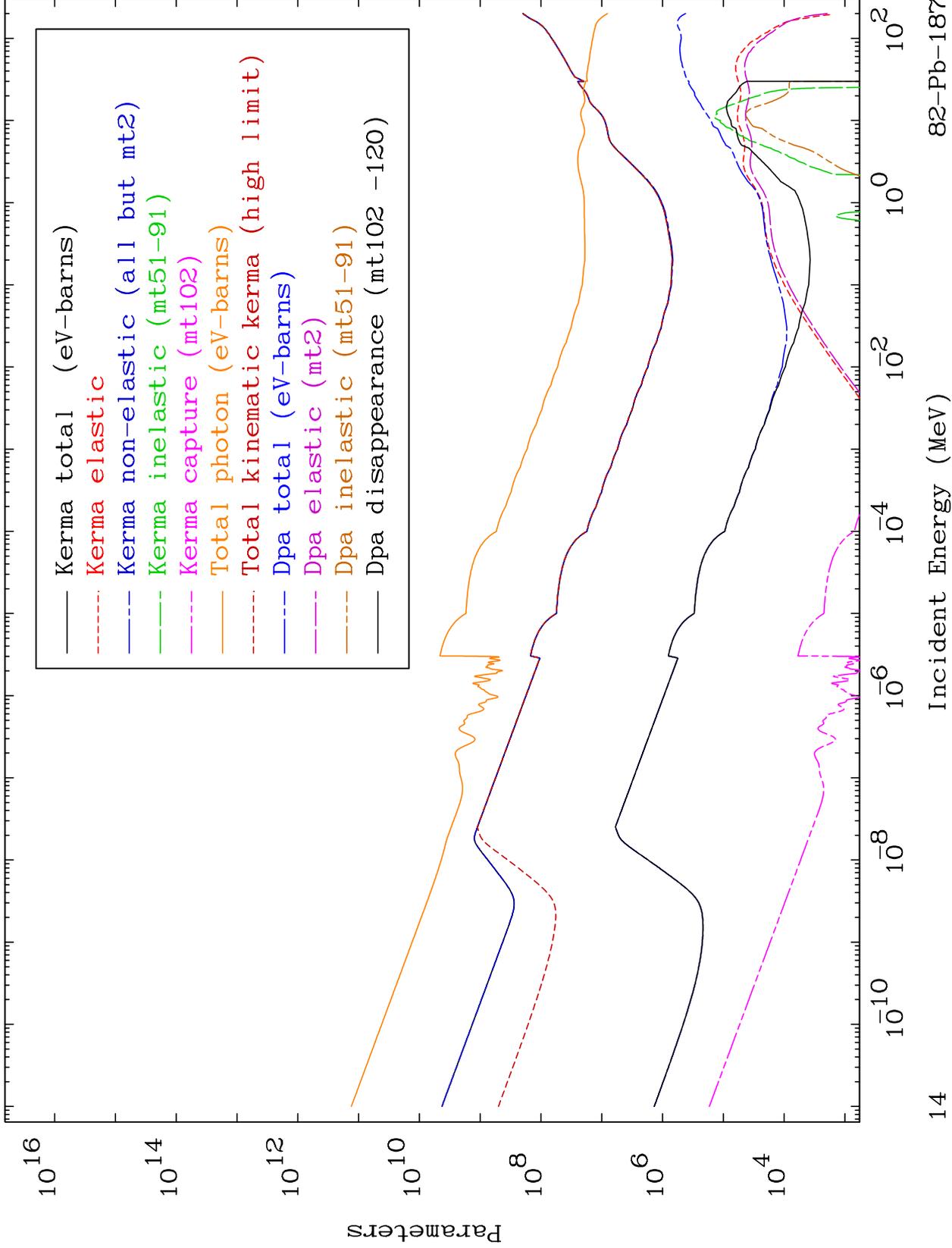


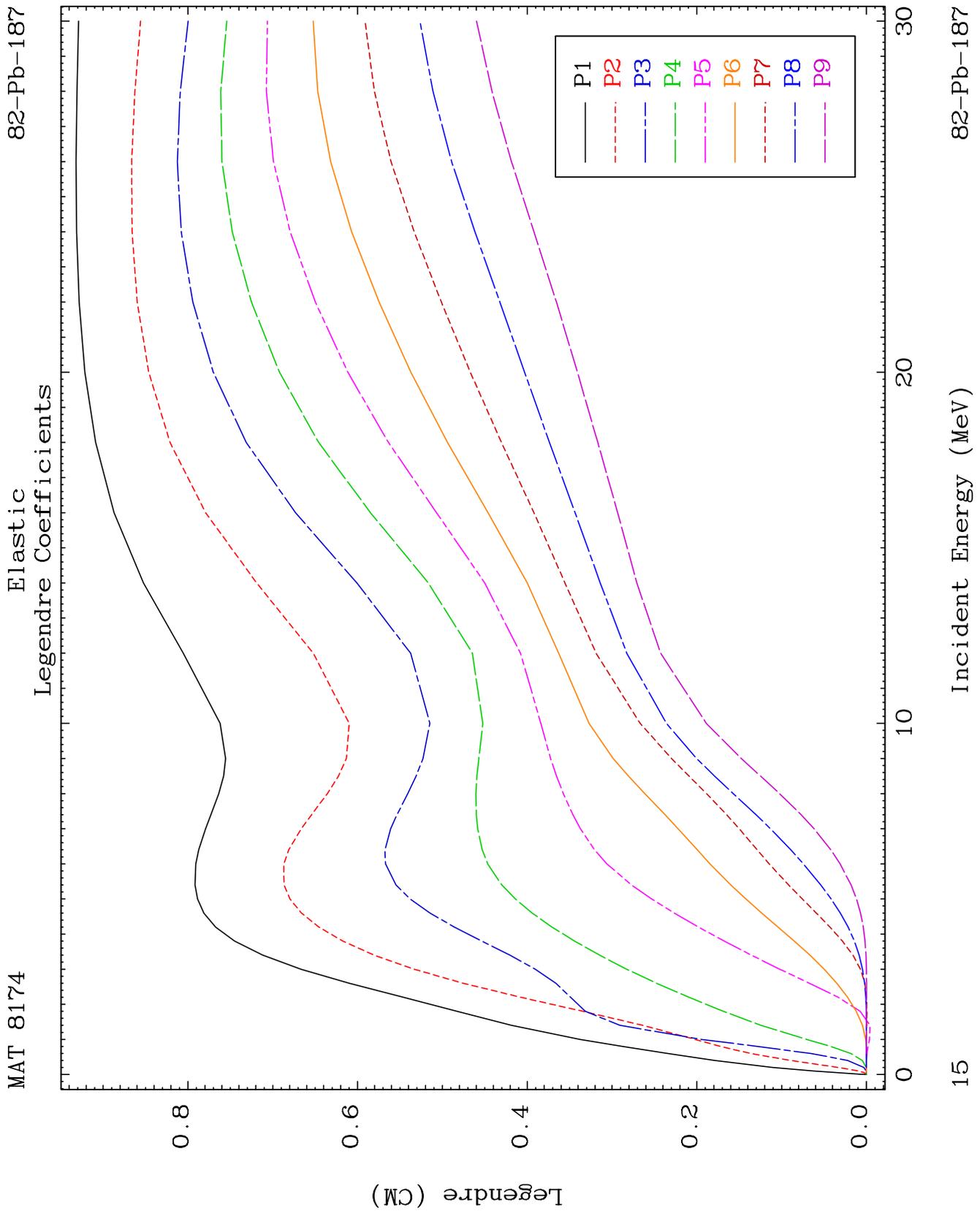
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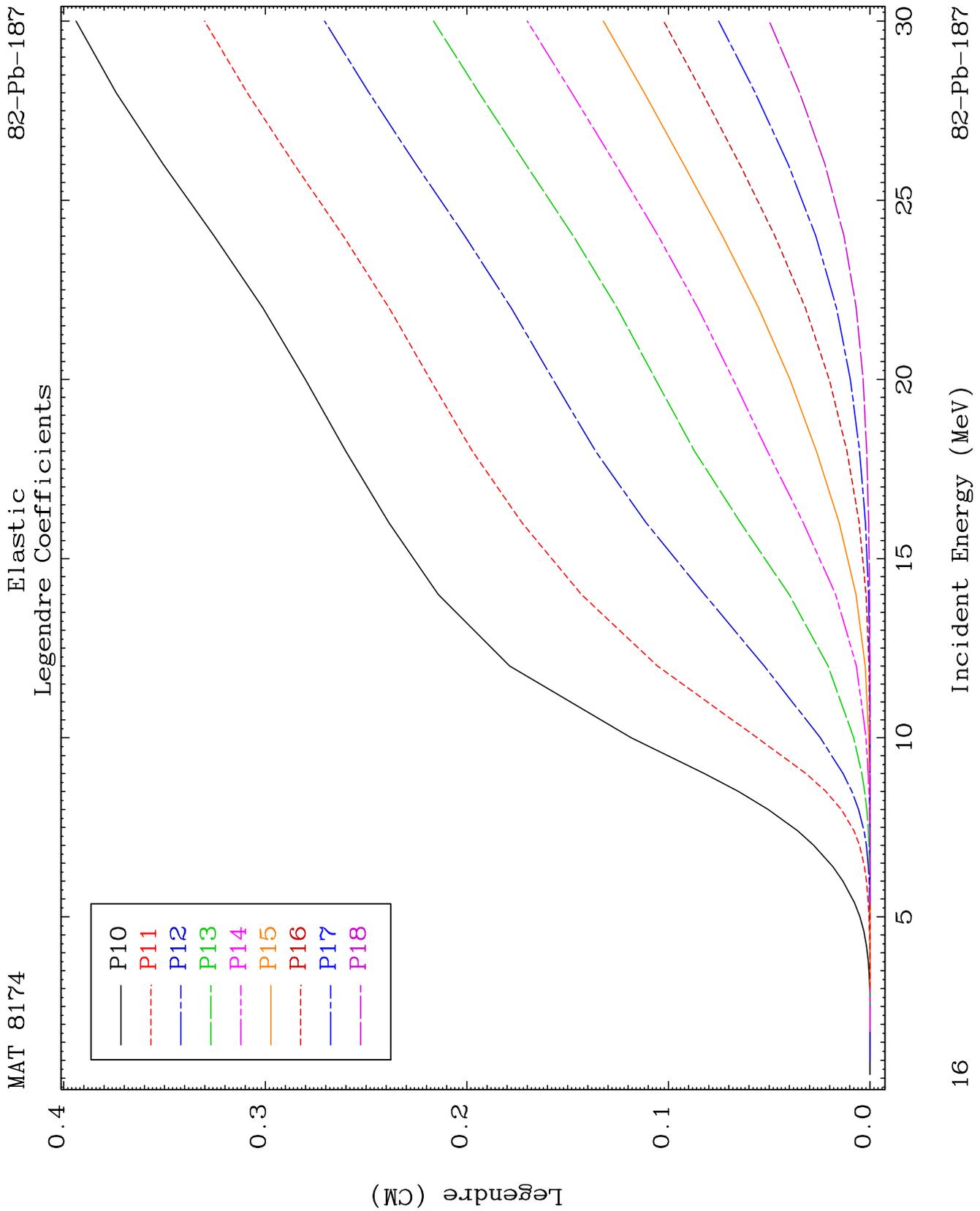
(n,α) Levels
293 Kelvin Cross Sections

82-Pb-187





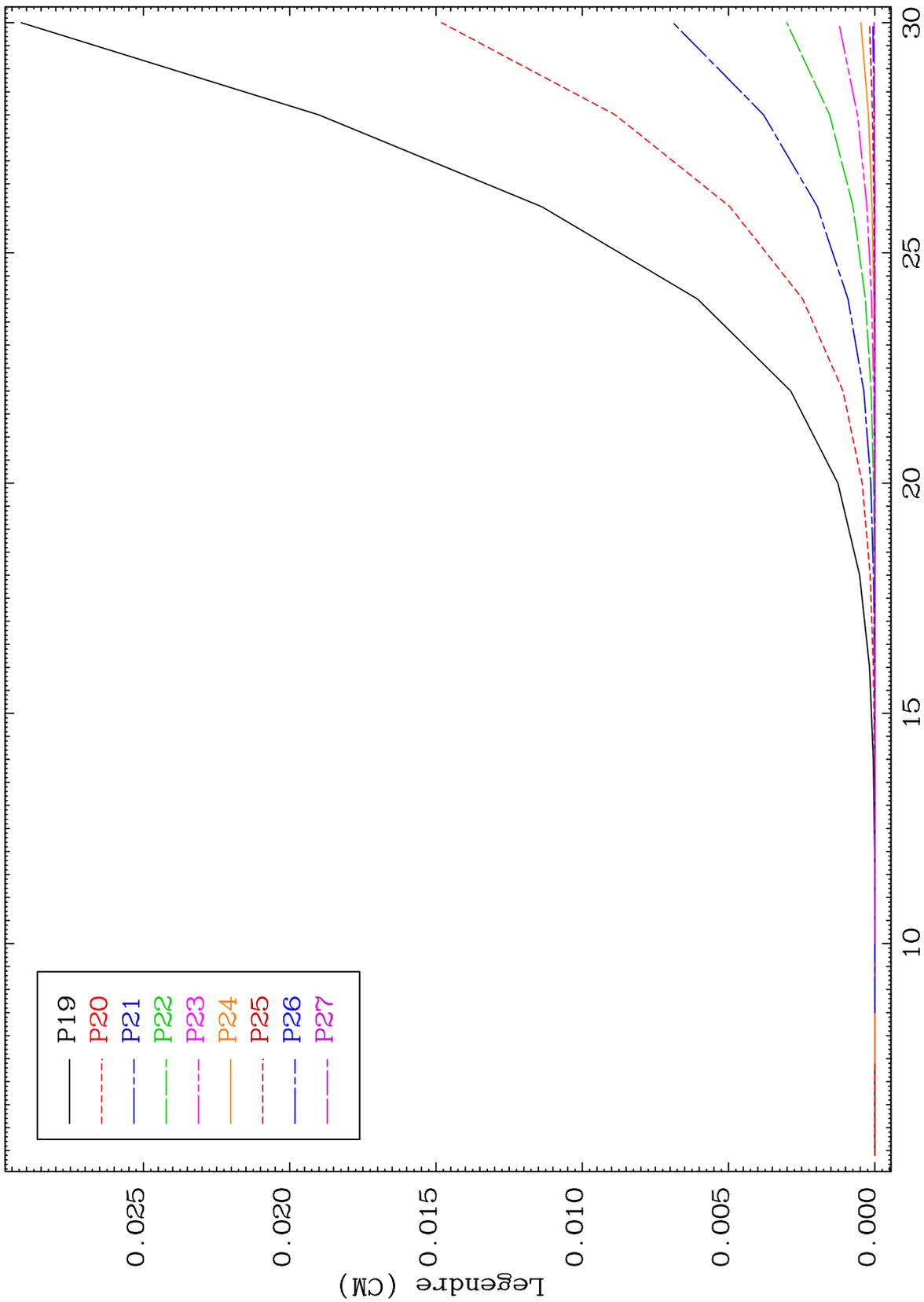




MAT 8174

Elastic Legendre Coefficients

82-Pb-187



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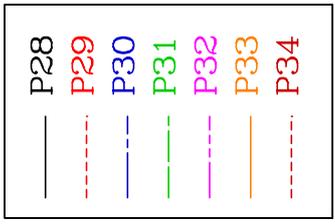
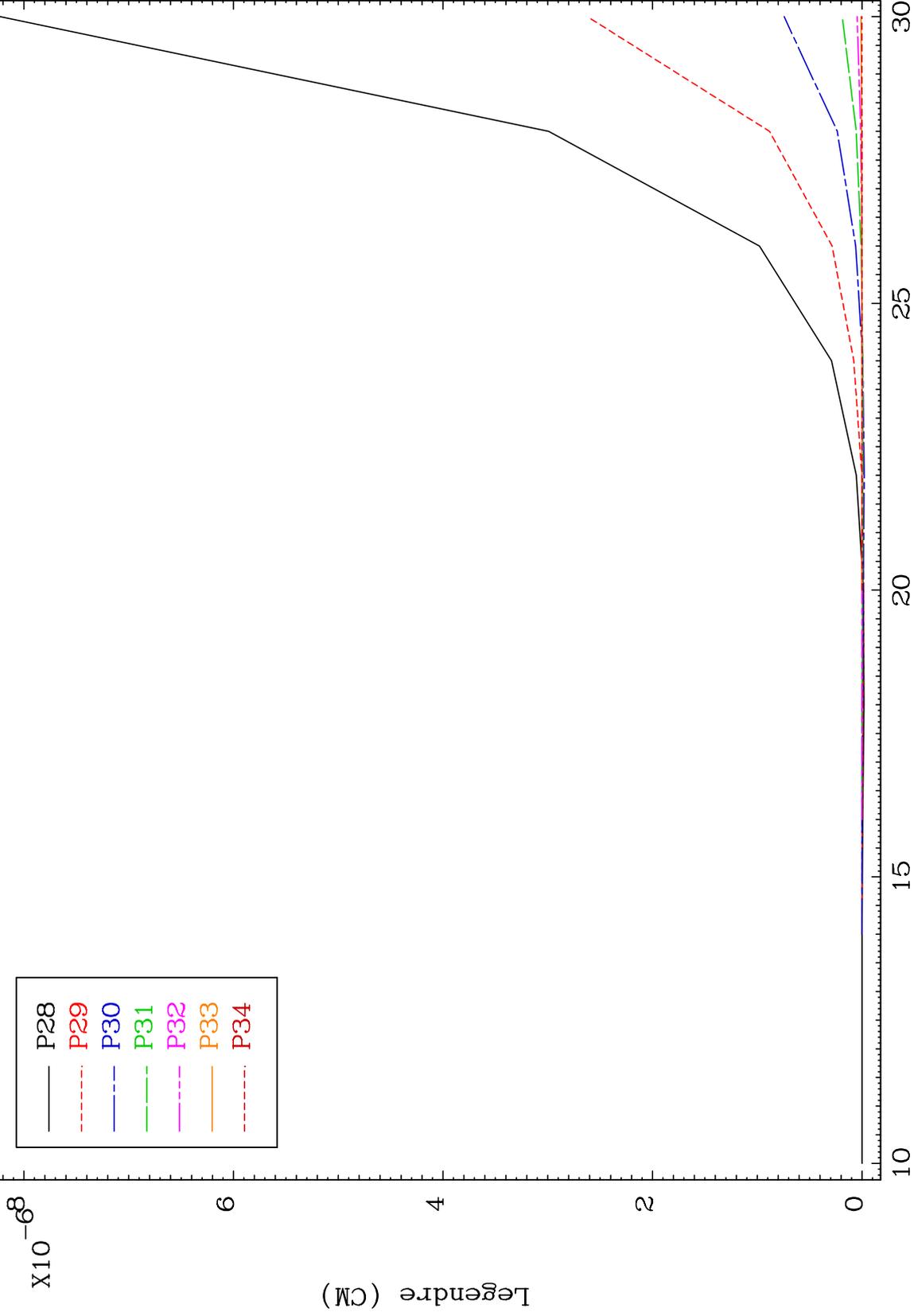
Incident Energy (MeV)

82-Pb-187

MAT 8174

Elastic
Legendre Coefficients

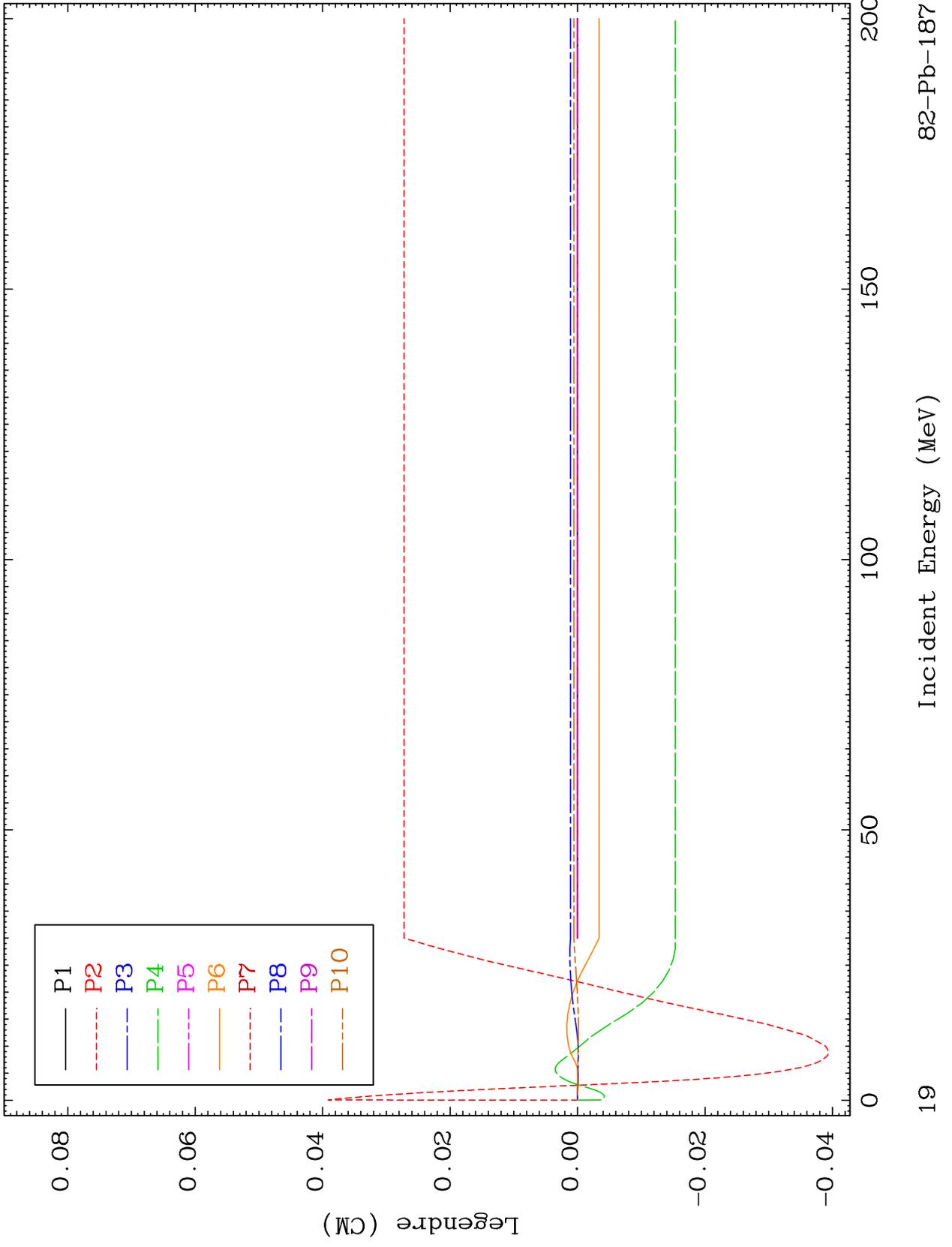
82-Pb-187



MAT 8174

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

82-Pb-187



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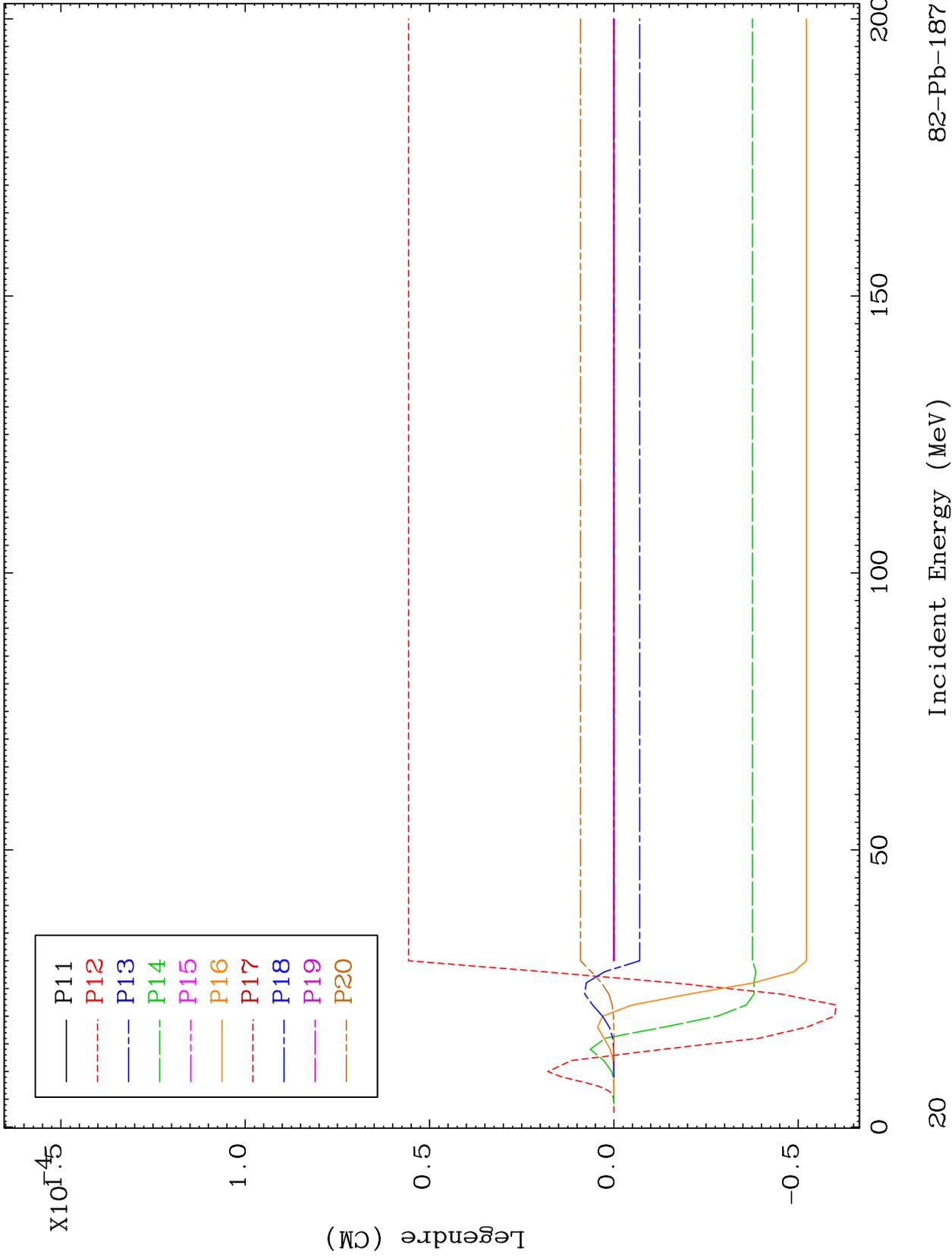
Incident Energy (MeV)

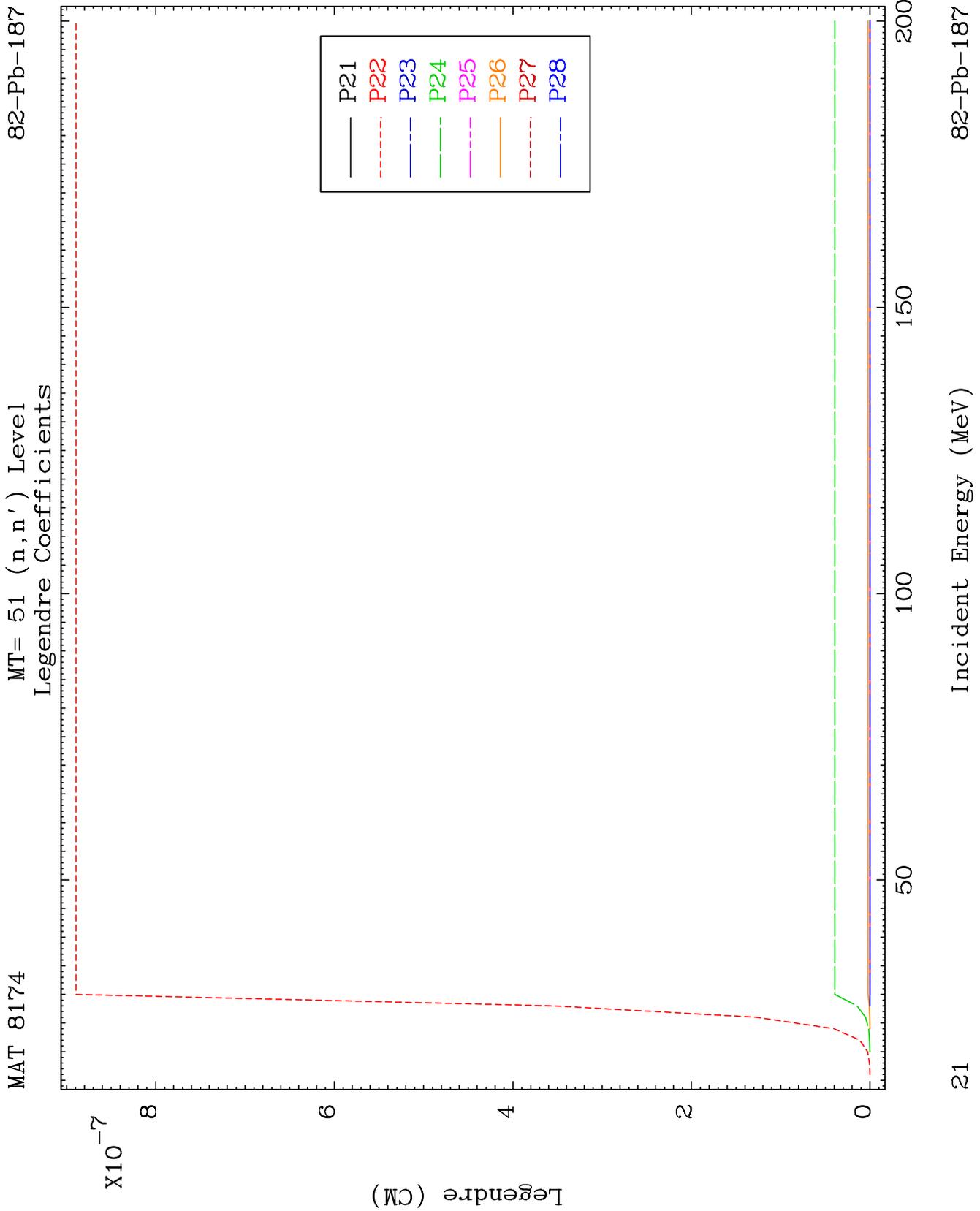
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MAT 8174

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

82-Pb-187

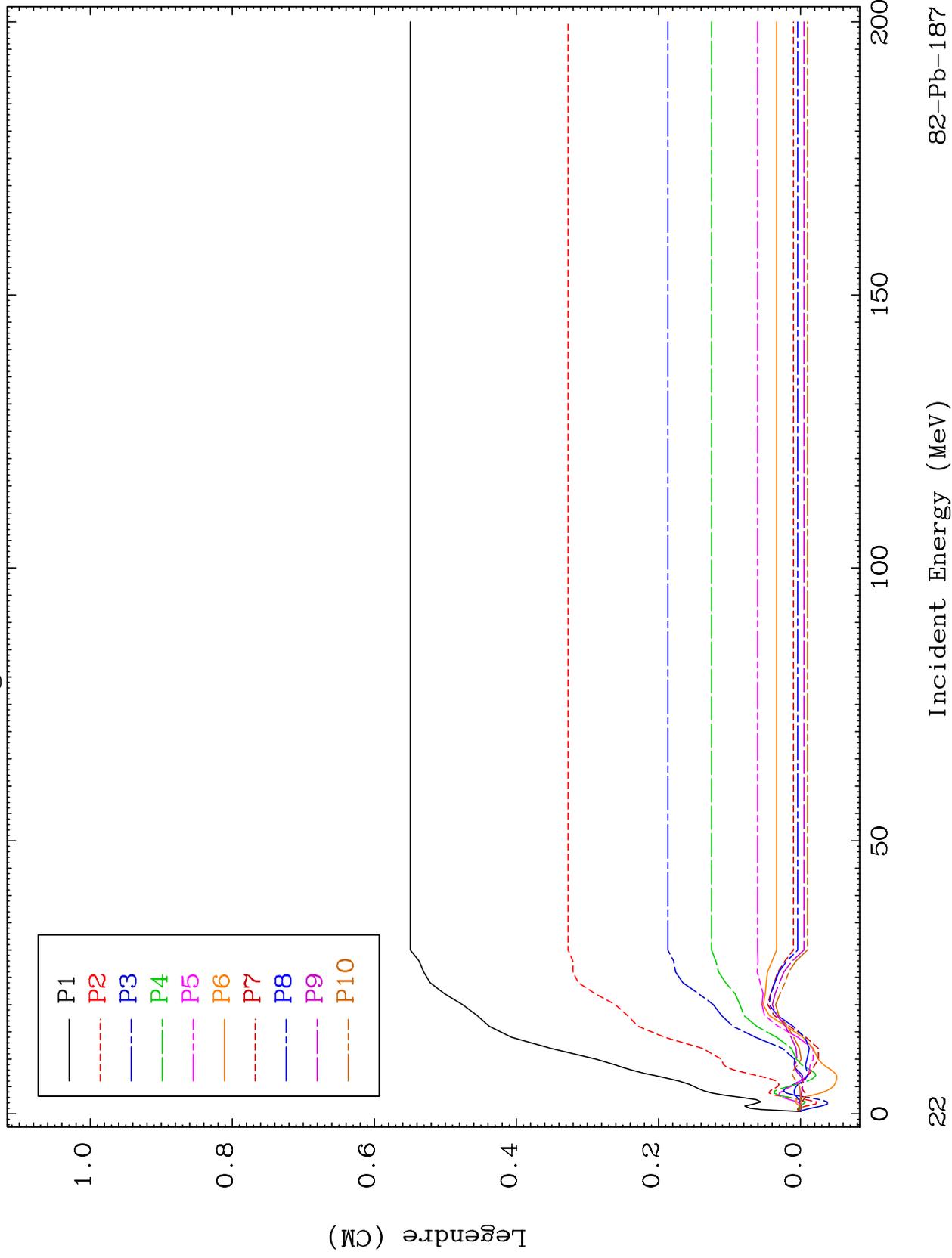




MAT 8174

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

82-Pb-187

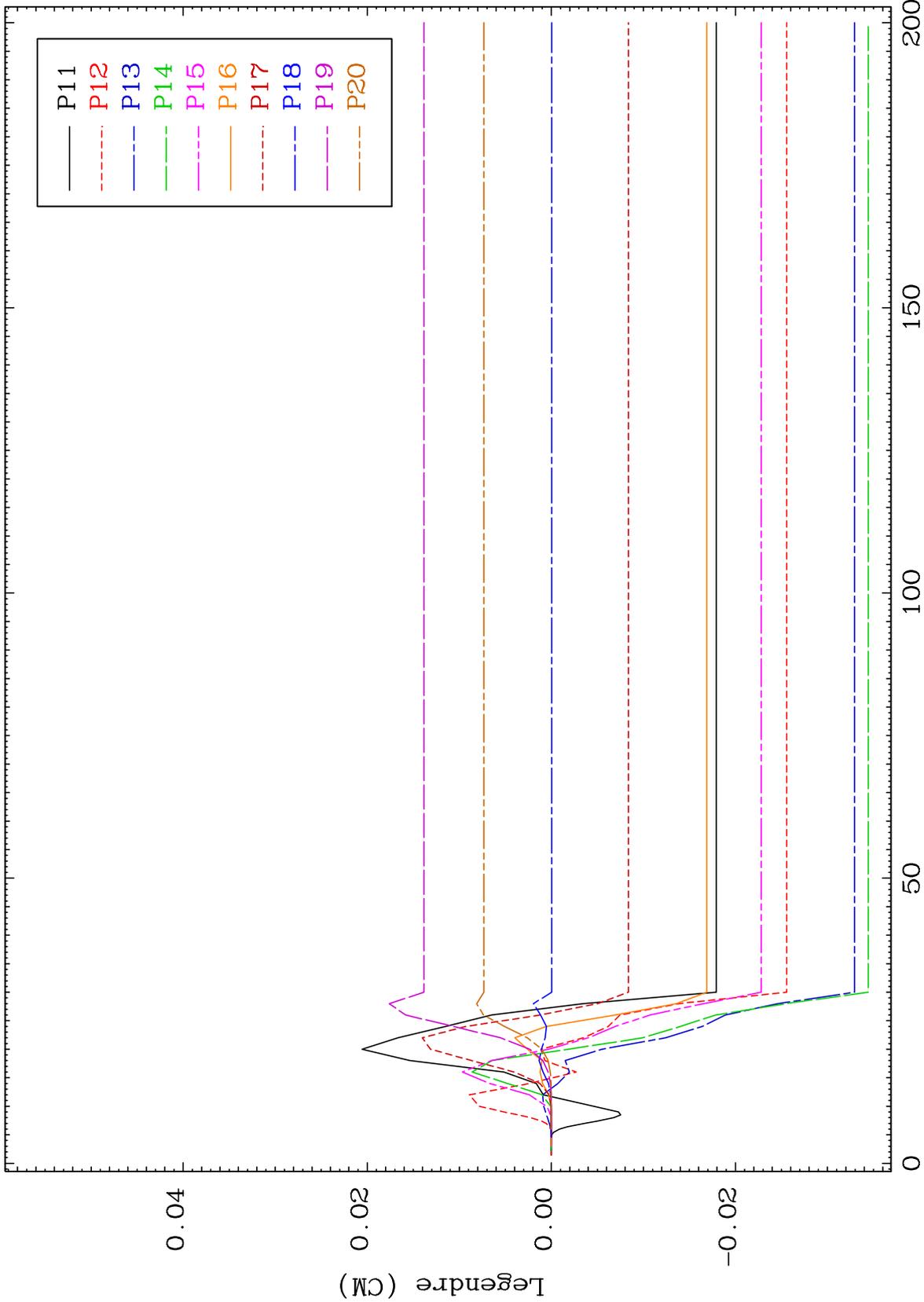


22

MAT 8174

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

82-Pb-187



23

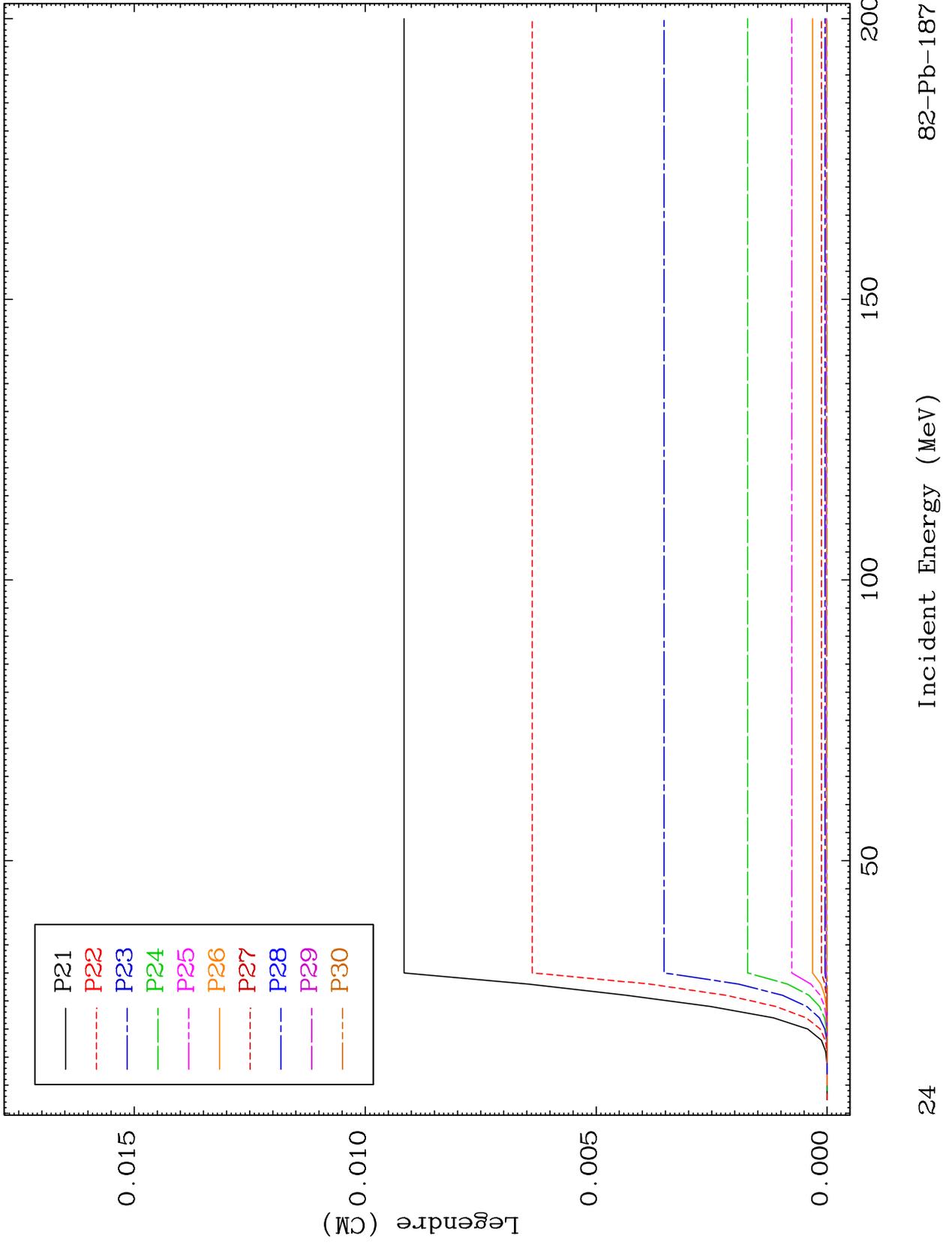
Incident Energy (MeV)

82-Pb-187

MAT 8174

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

82-Pb-187



24

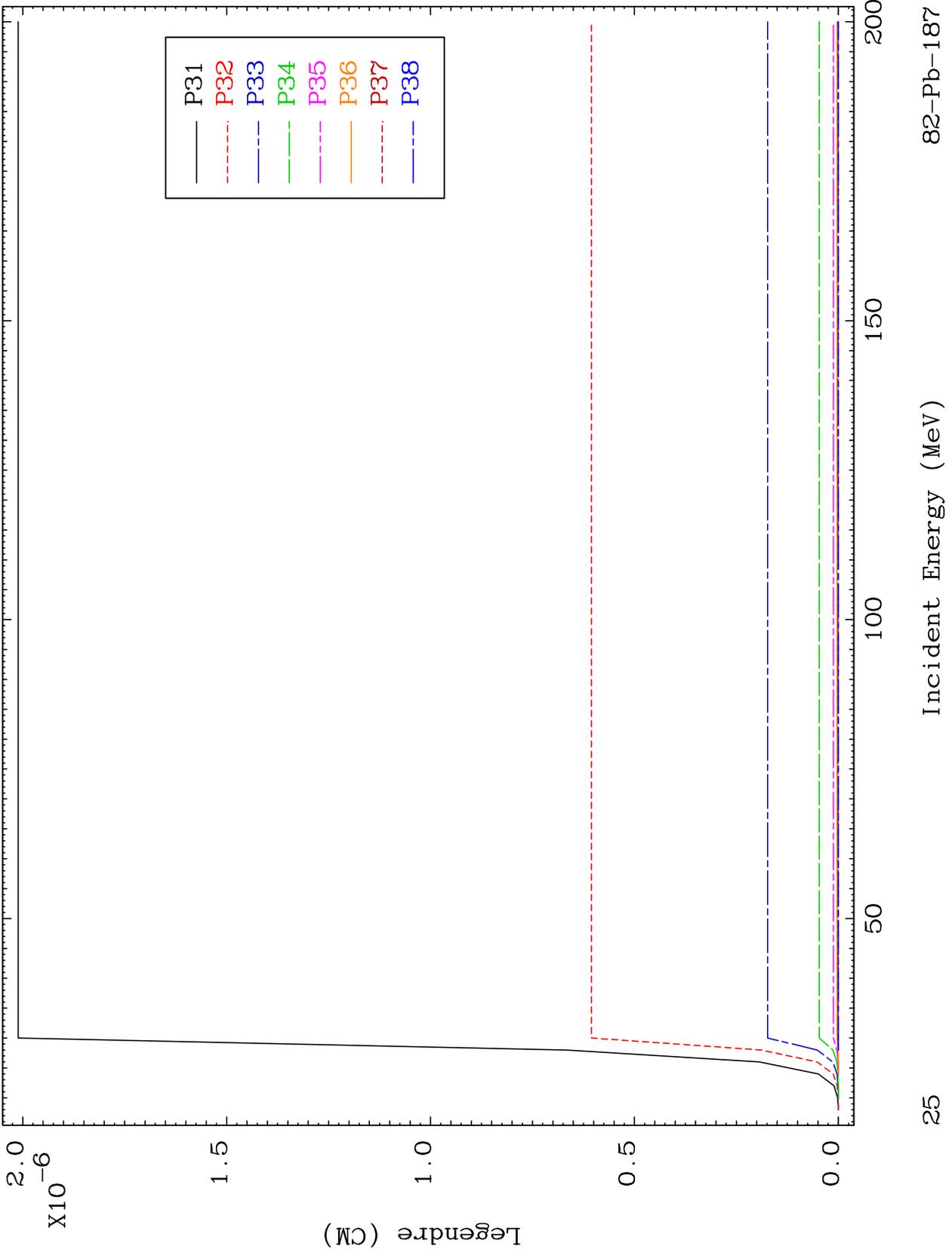
Incident Energy (MeV)

82-Pb-187

MAT 8174

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

82-Pb-187



25

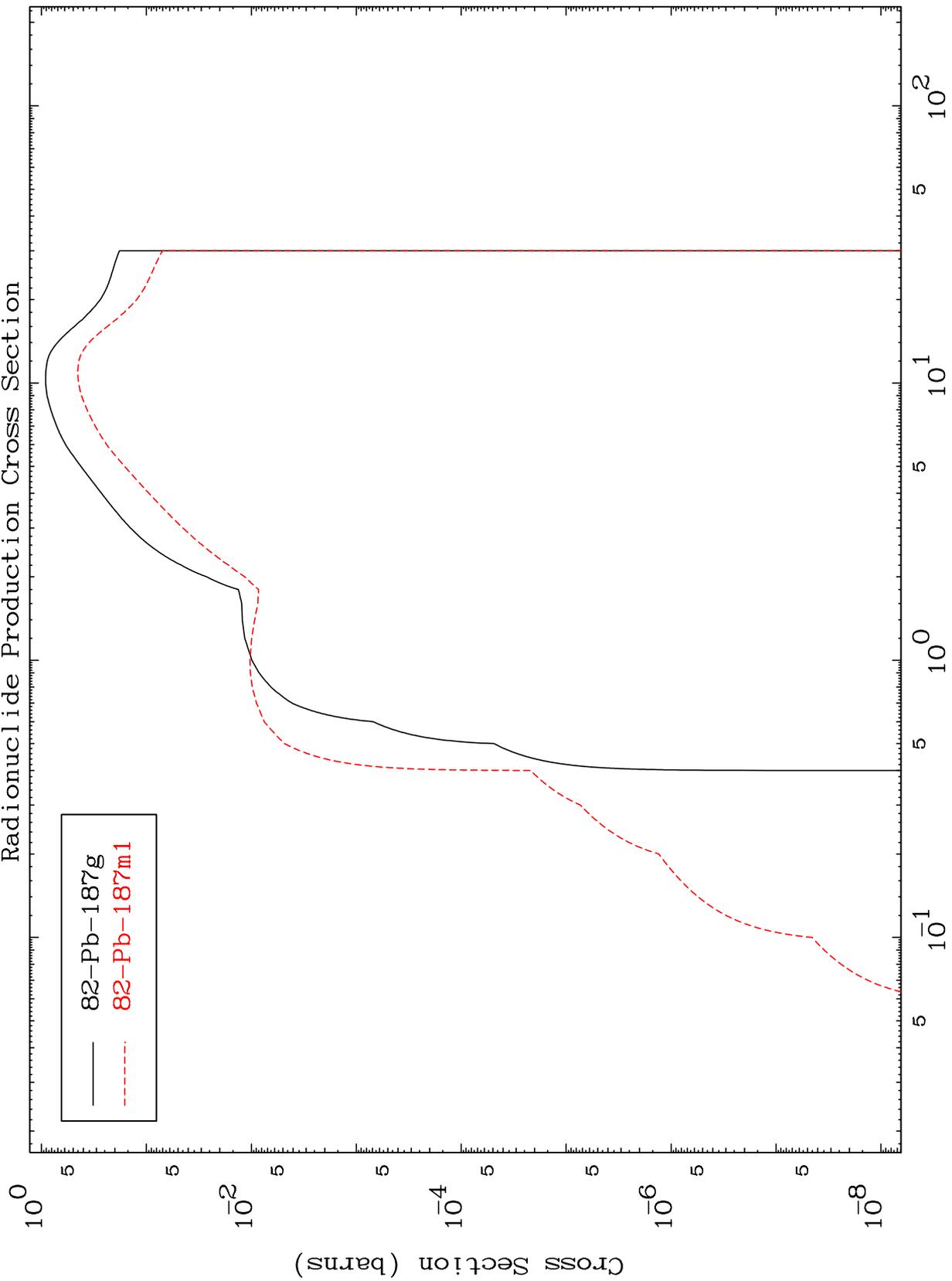
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

Inelastic
Radionuclide Production Cross Section



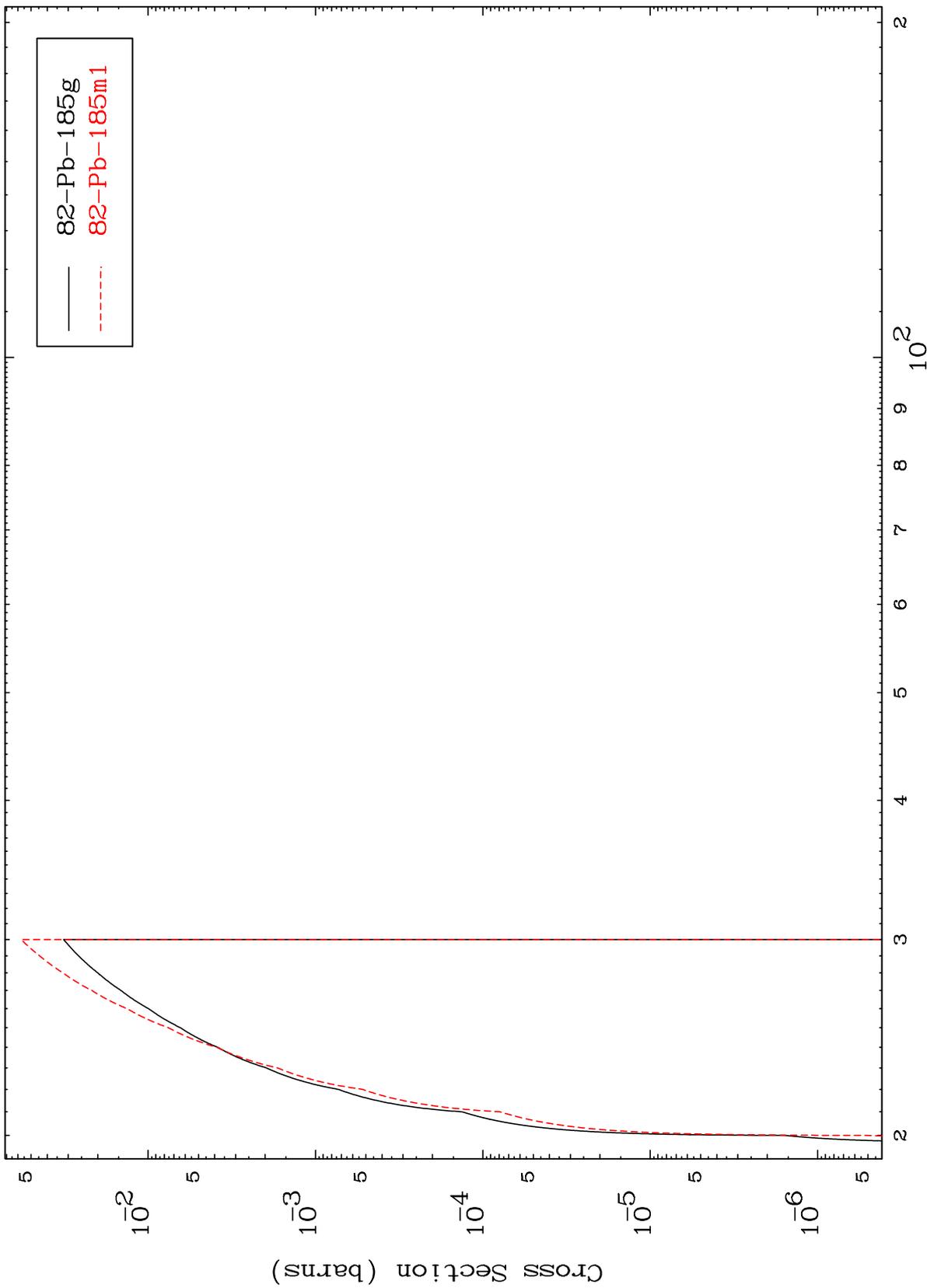
82-Pb-187g
82-Pb-187m1

82-Pb-187

Incident Energy (MeV)

26

(n,3n)
Radionuclide Production Cross Section

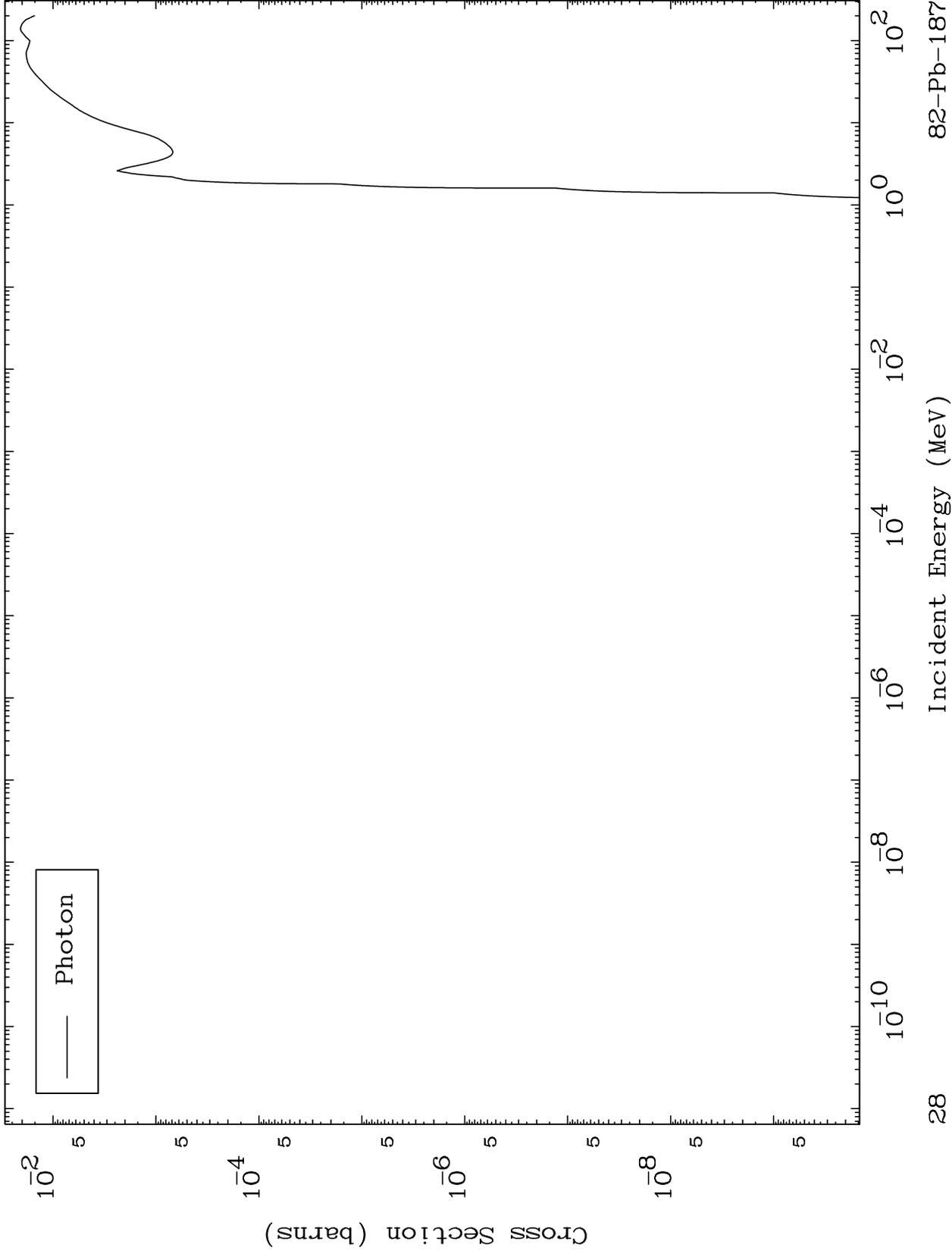


MAT 8174

Fission

82-Pb-187

Radionuclide Production Cross Section



28

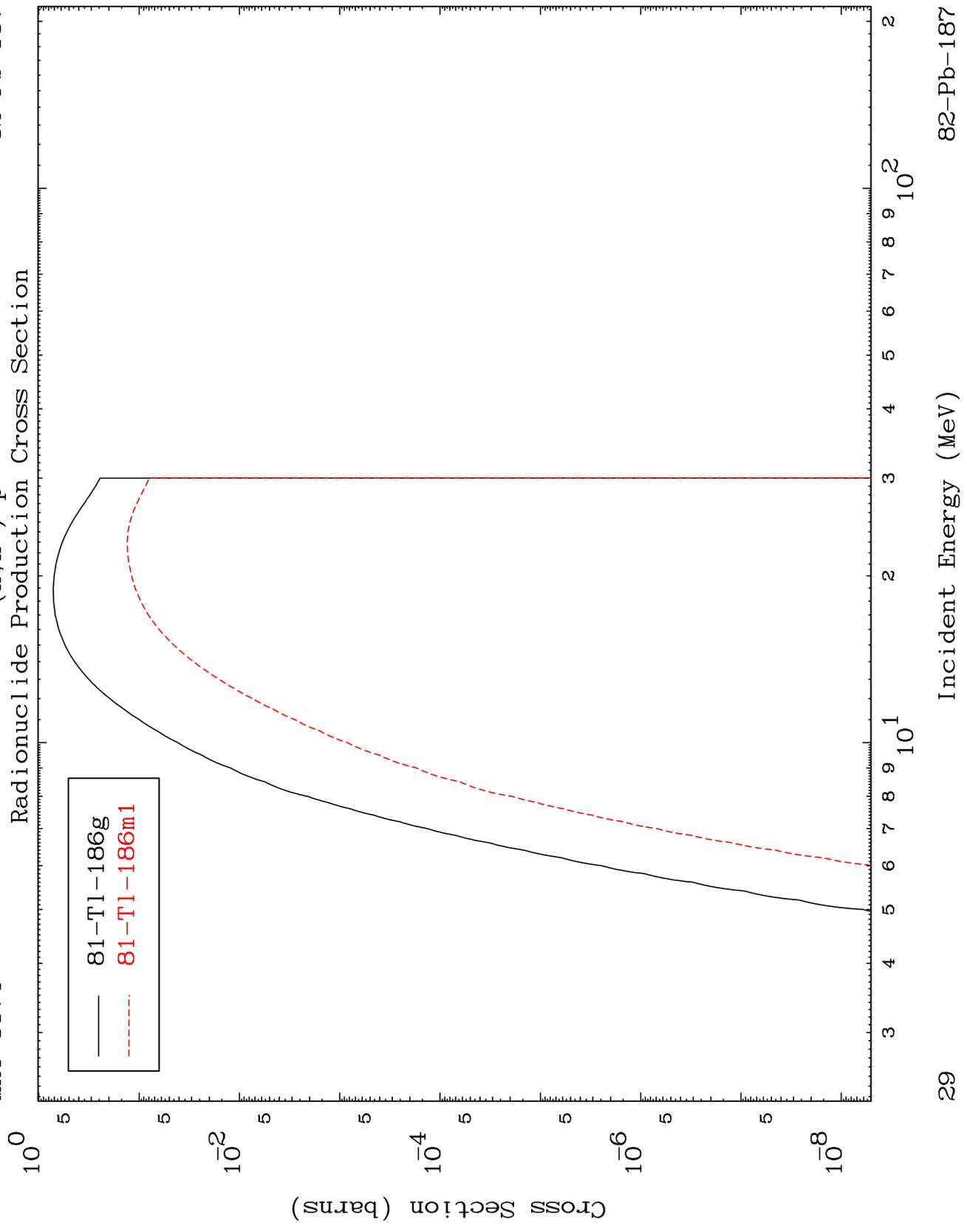
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,n') p

82-Pb-187

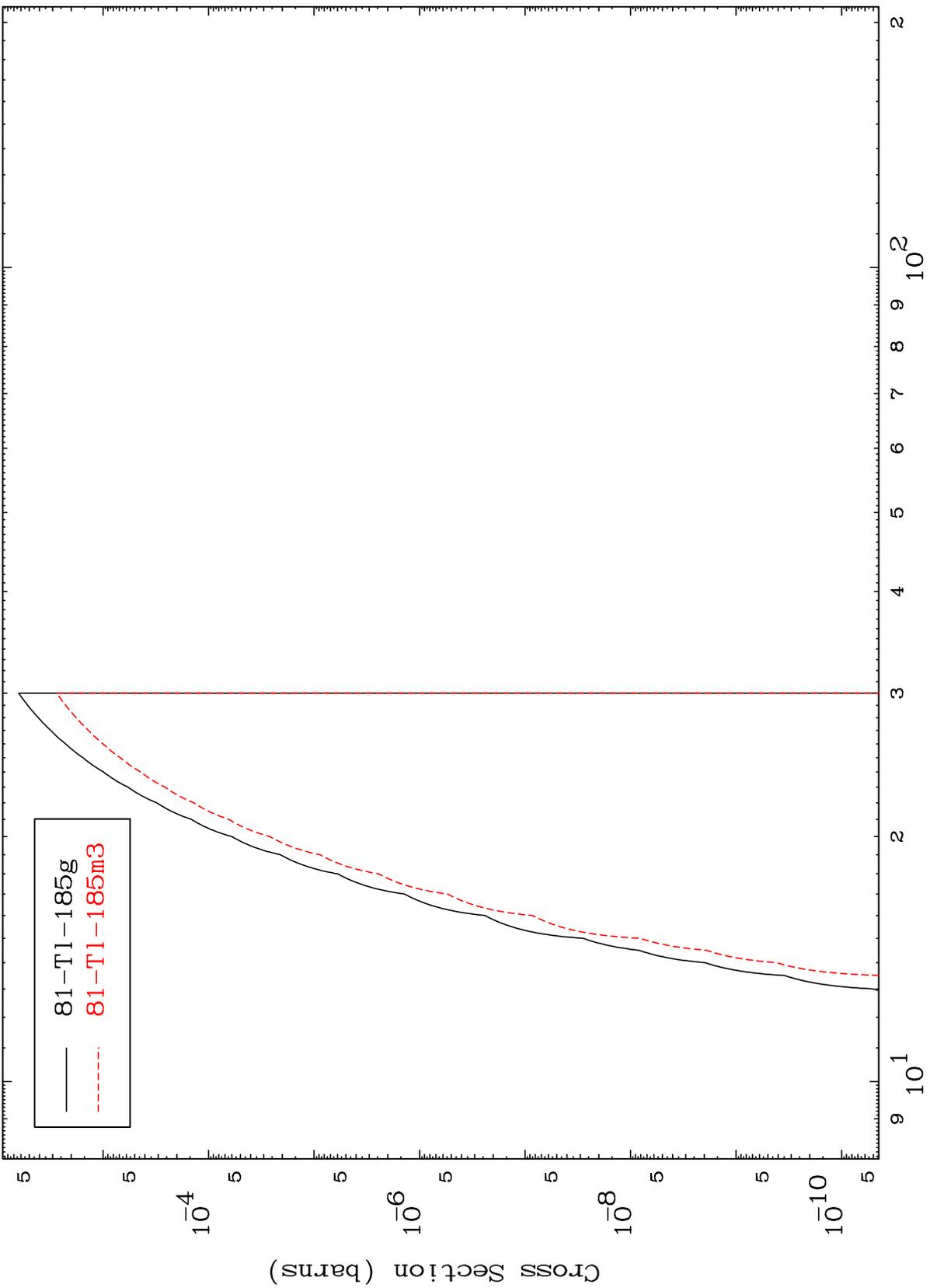


MAT 8174

(n,n') d

82-Pb-187

Radionuclide Production Cross Section



30

Incident Energy (MeV)

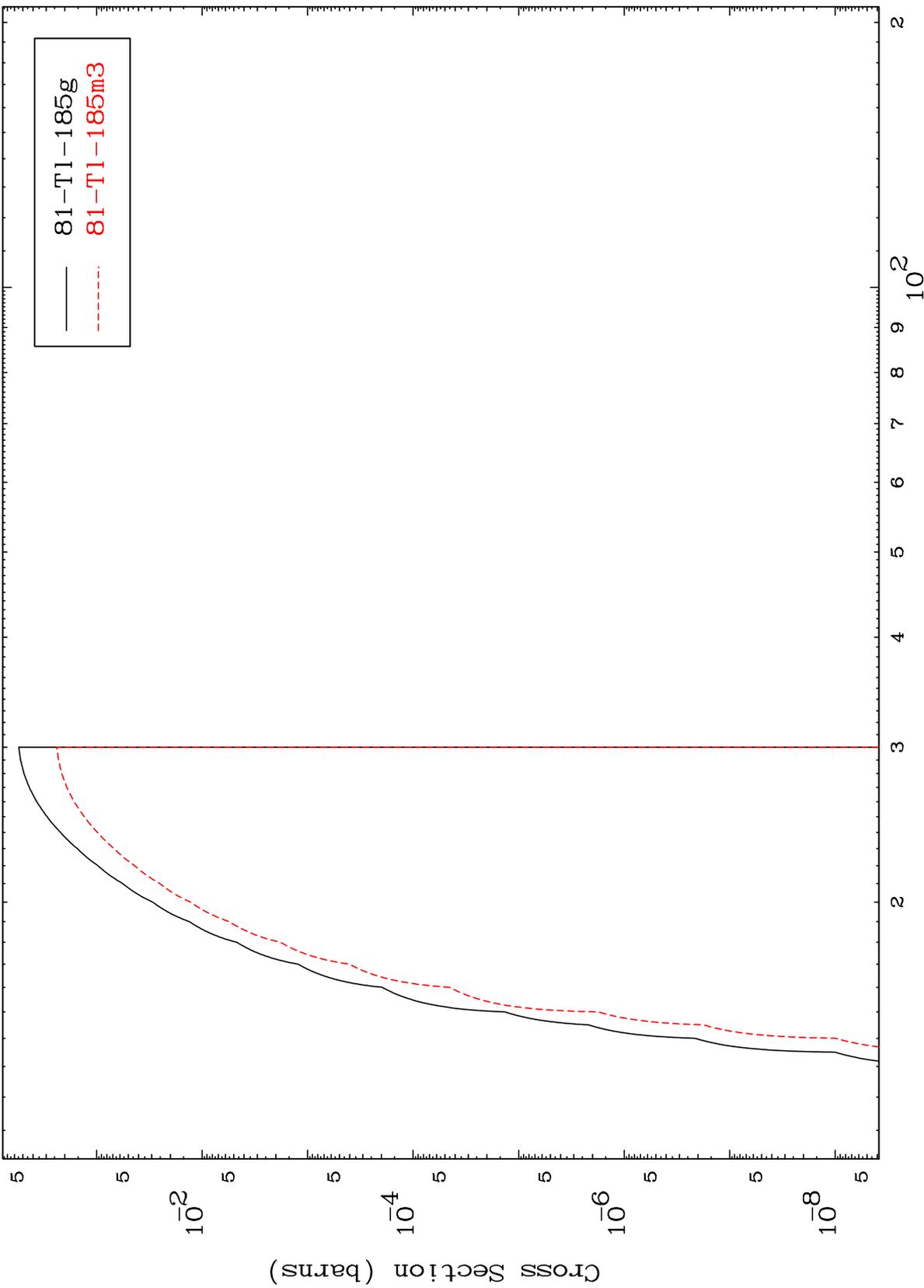
82-Pb-187

MAT 8174

(n,2n) p

82-Pb-187

Radionuclide Production Cross Section



31

Incident Energy (MeV)

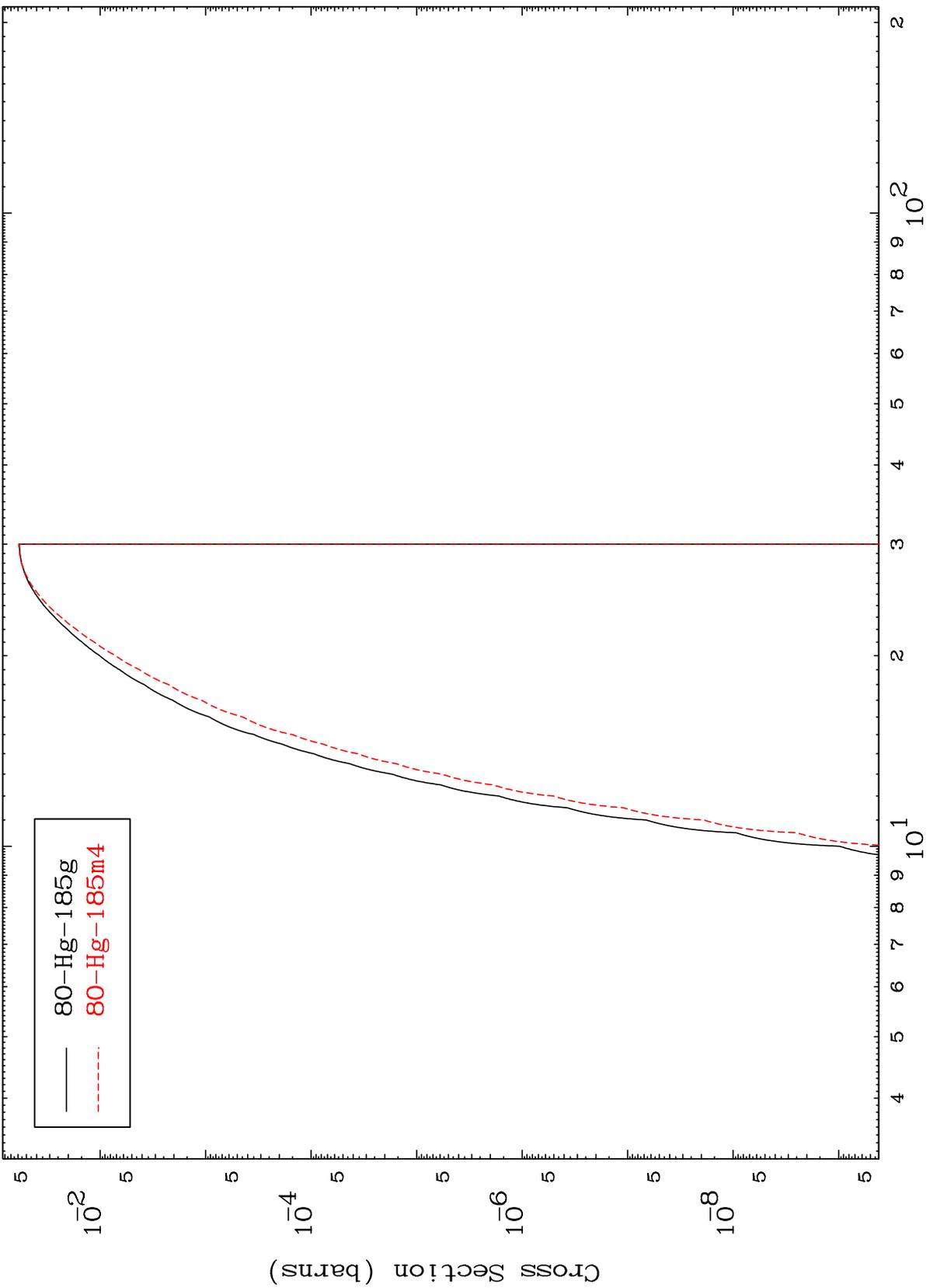
82-Pb-187

MAT 8174

(n,2n) p

82-Pb-187

Radionuclide Production Cross Section



32

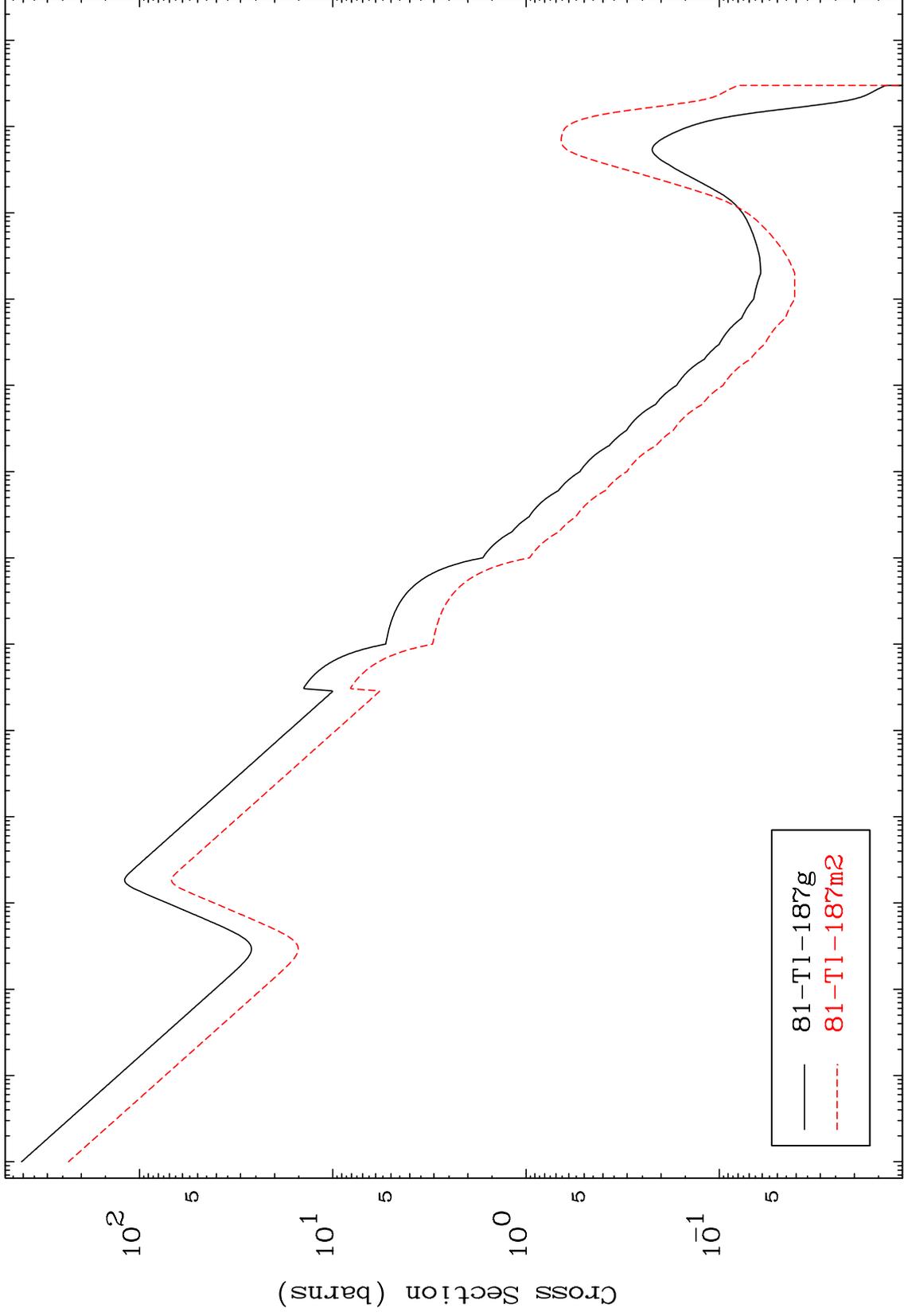
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

(n,p)
Radionuclide Production Cross Section

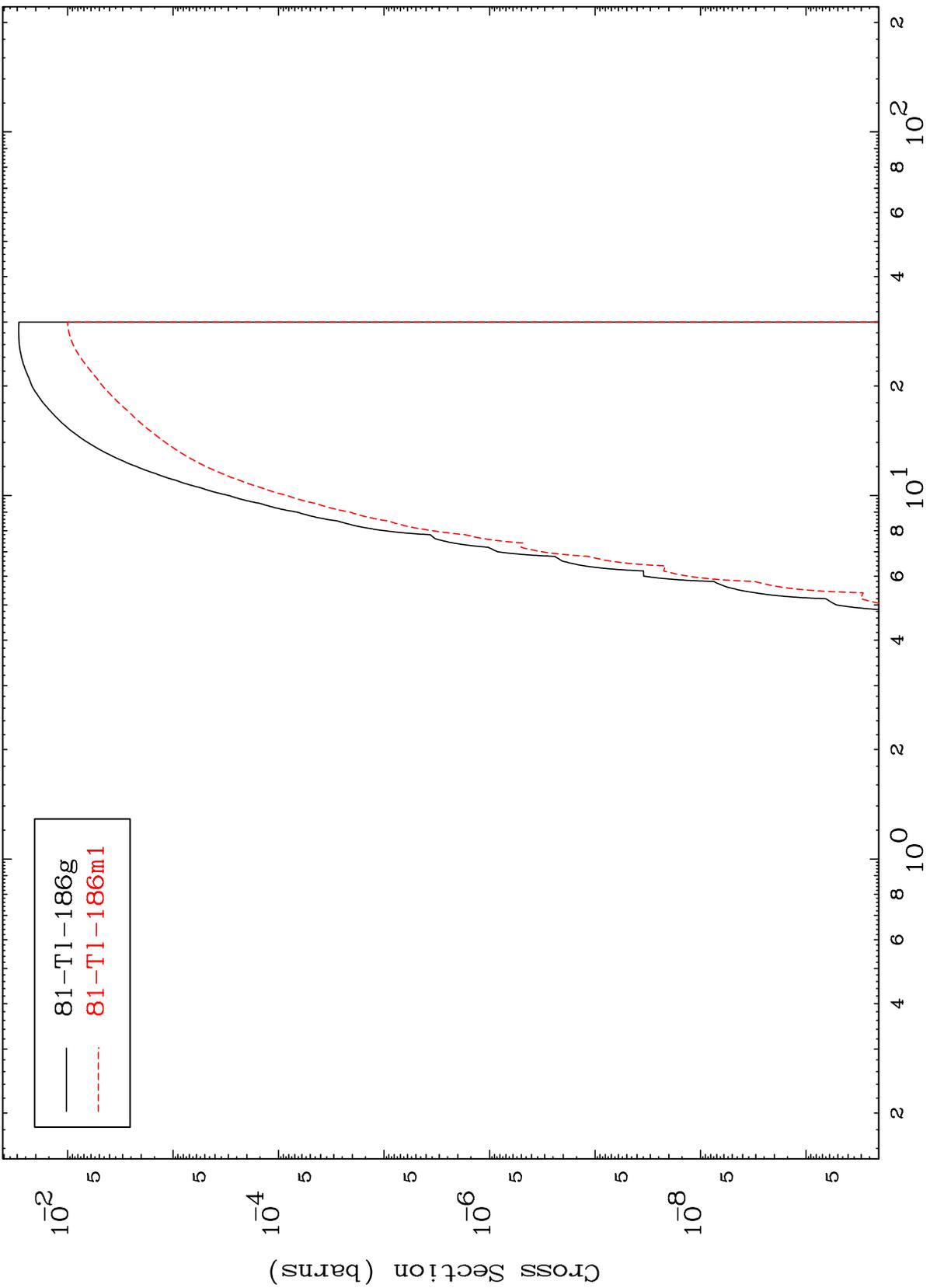


MAT 8174

(n, d)

82-Pb-187

Radionuclide Production Cross Section



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

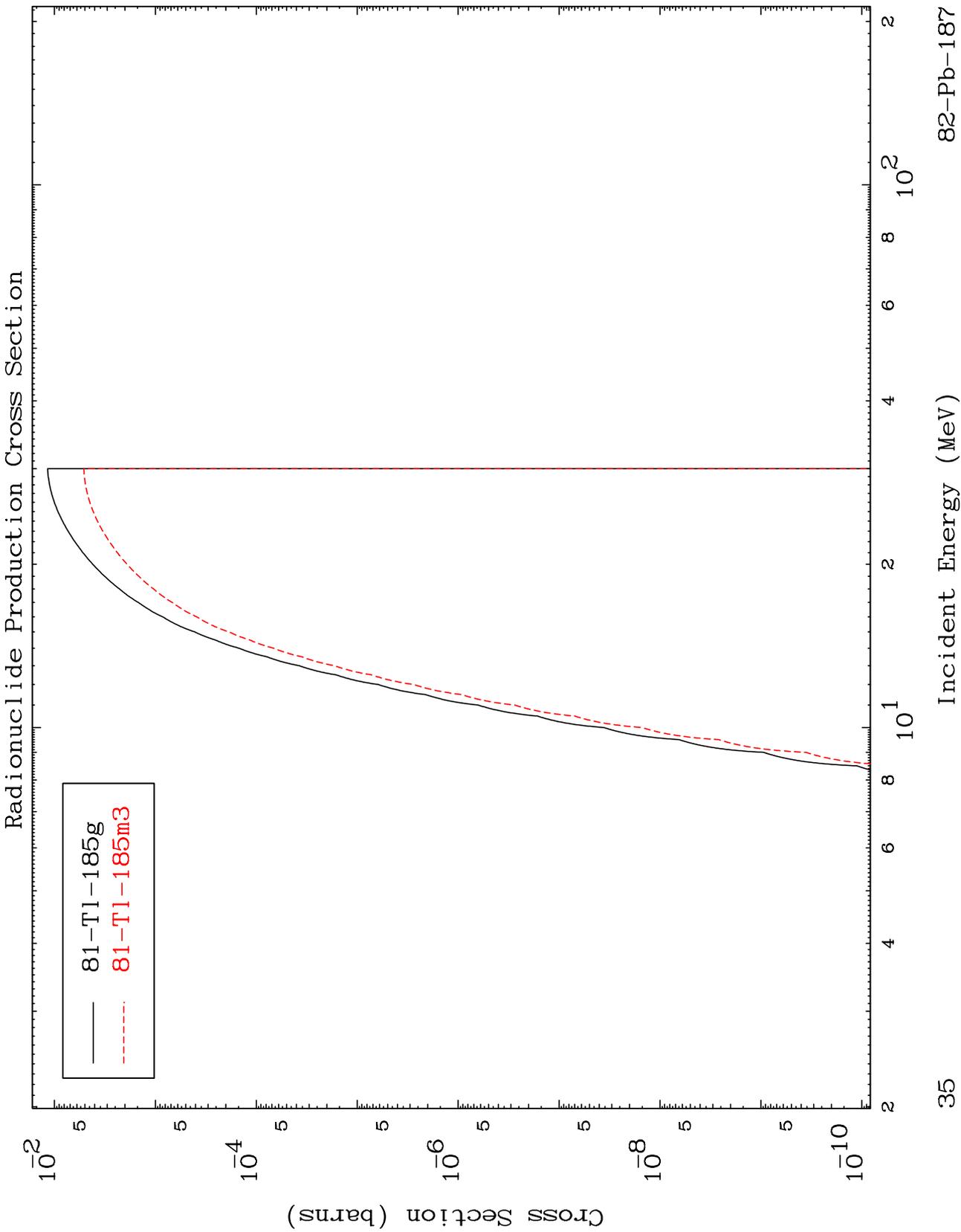
Incident Energy (MeV)

82-Pb-187

34

MAT 8174

82-Pb-187



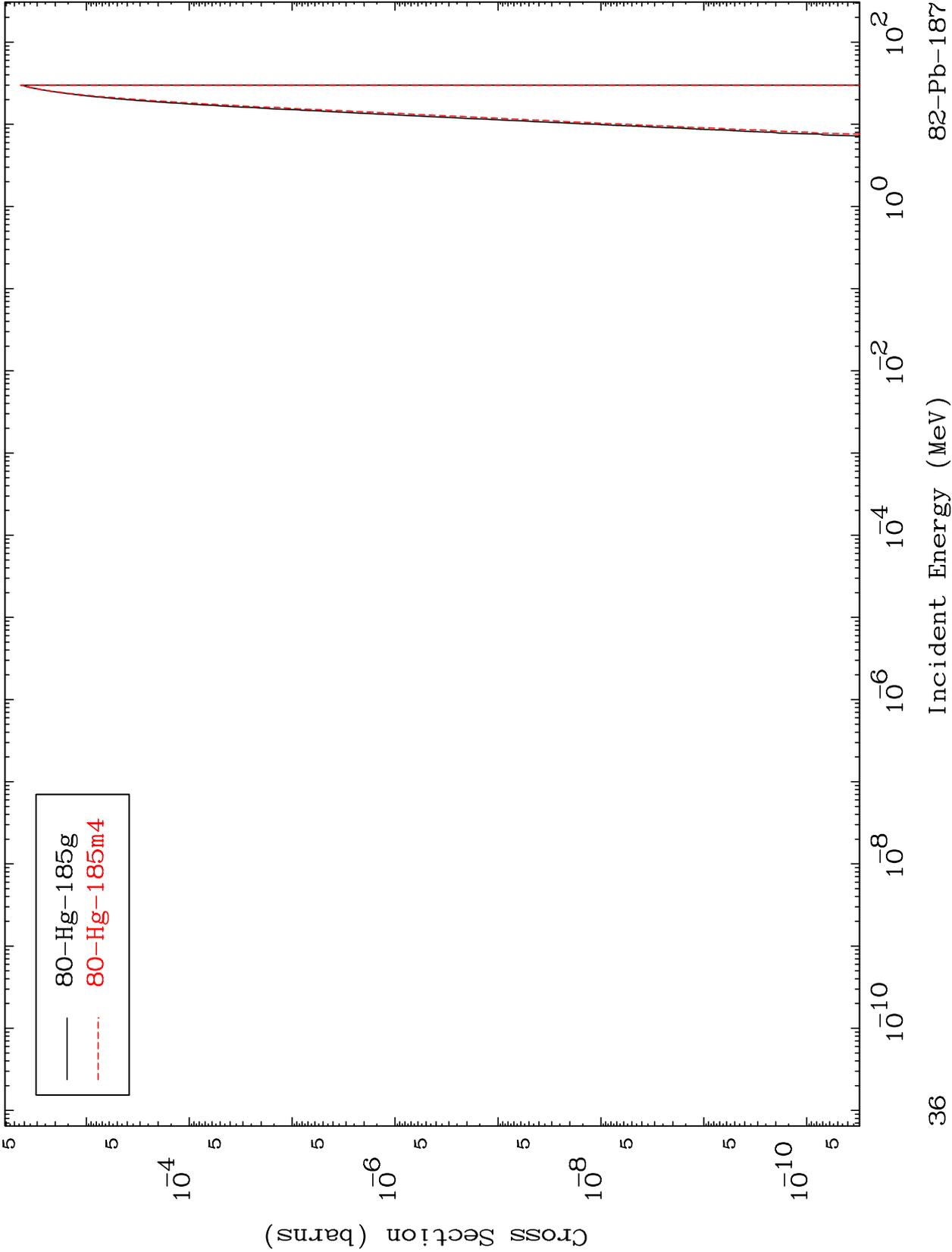
35

MAT 8174

(n,He-3)

82-Pb-187

Radionuclide Production Cross Section

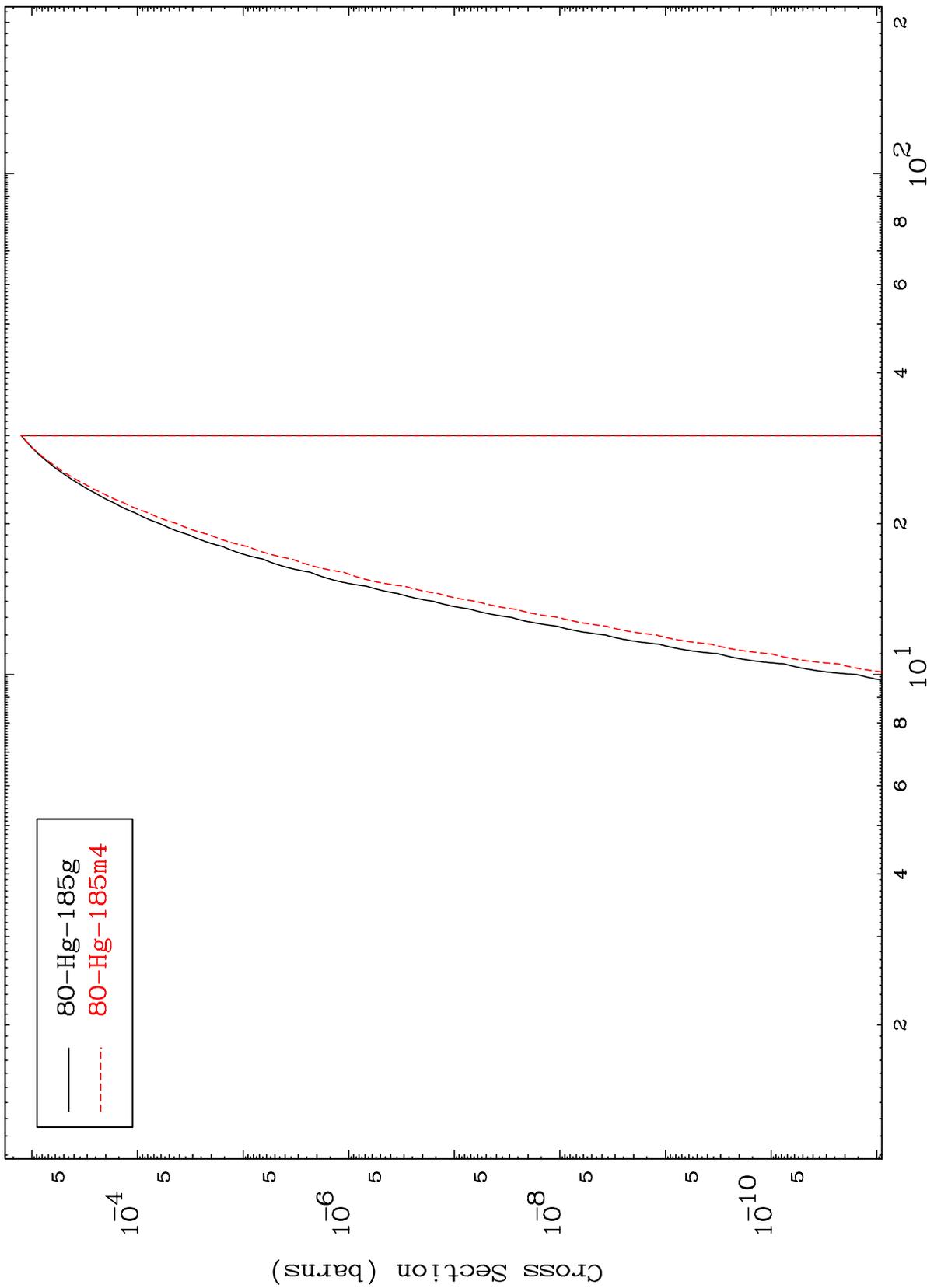


MAT 8174

(n,p) d

82-Pb-187

Radionuclide Production Cross Section



37

Incident Energy (MeV)

82-Pb-187