

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

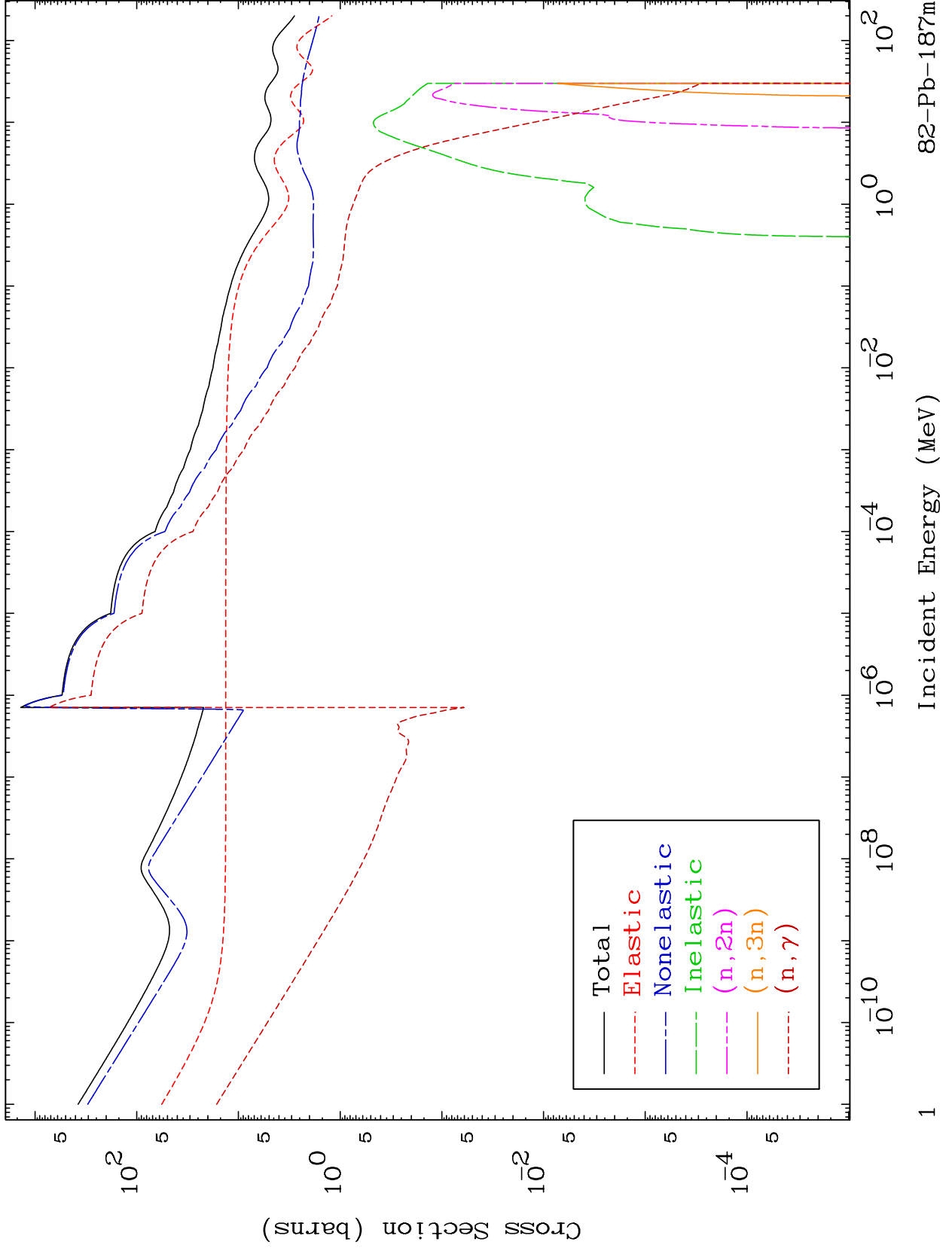
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8175

Neutron Major
293 Kelvin Cross Sections

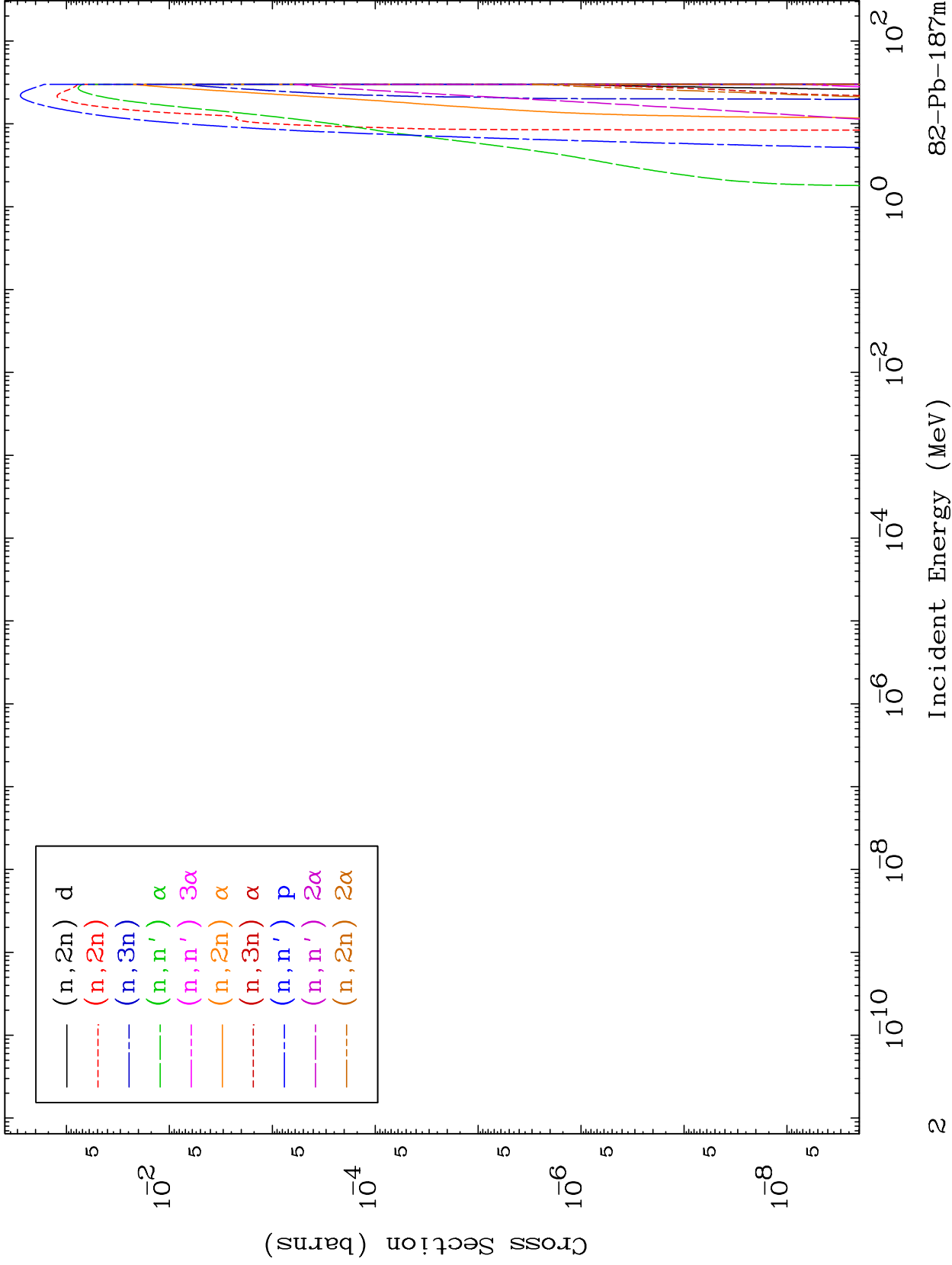
82-Pb-187m



MAT 8175

Neutron Absorption
293 Kelvin Cross Sections

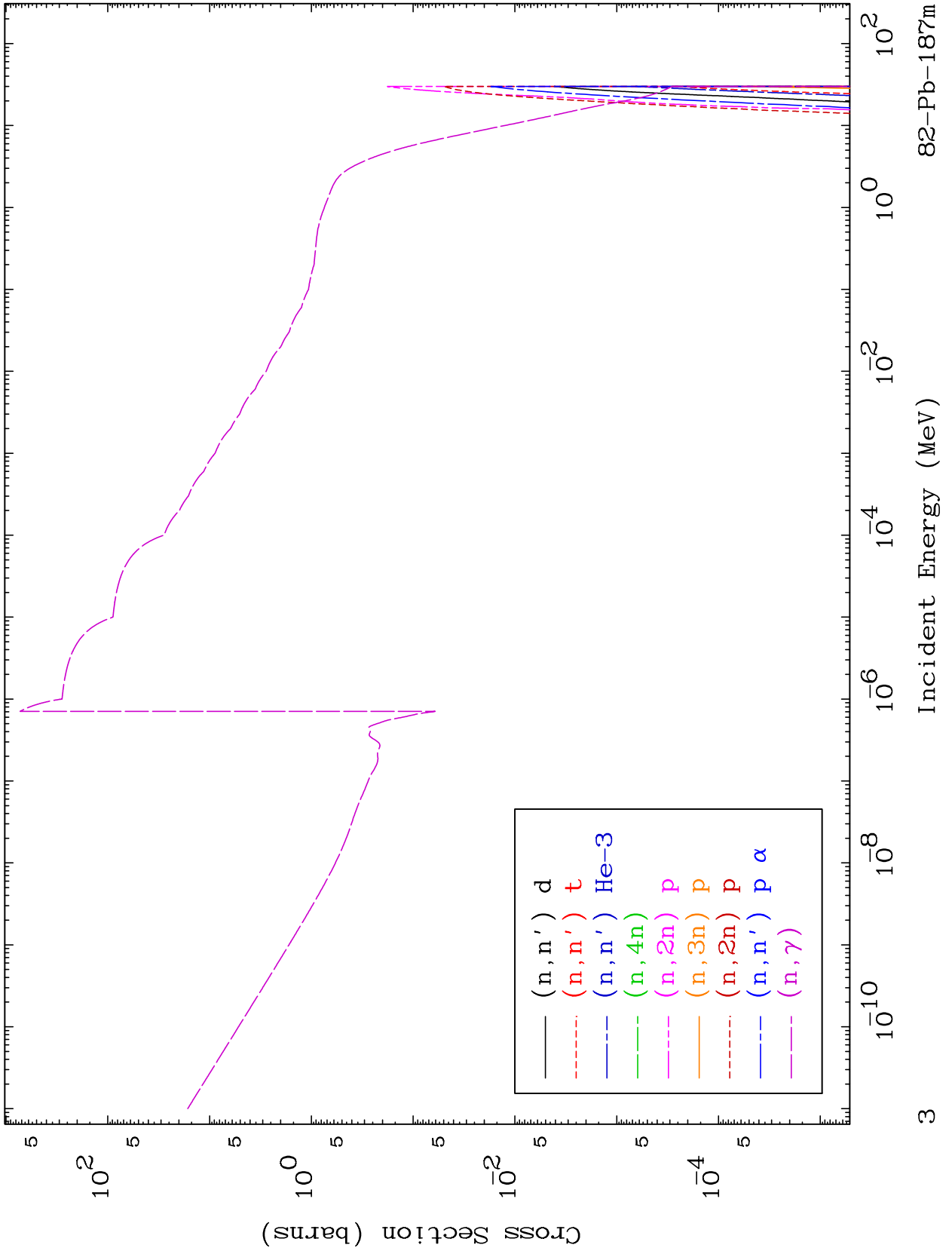
82-Pb-187m



MAT 8175

Neutron Absorption
293 Kelvin Cross Sections

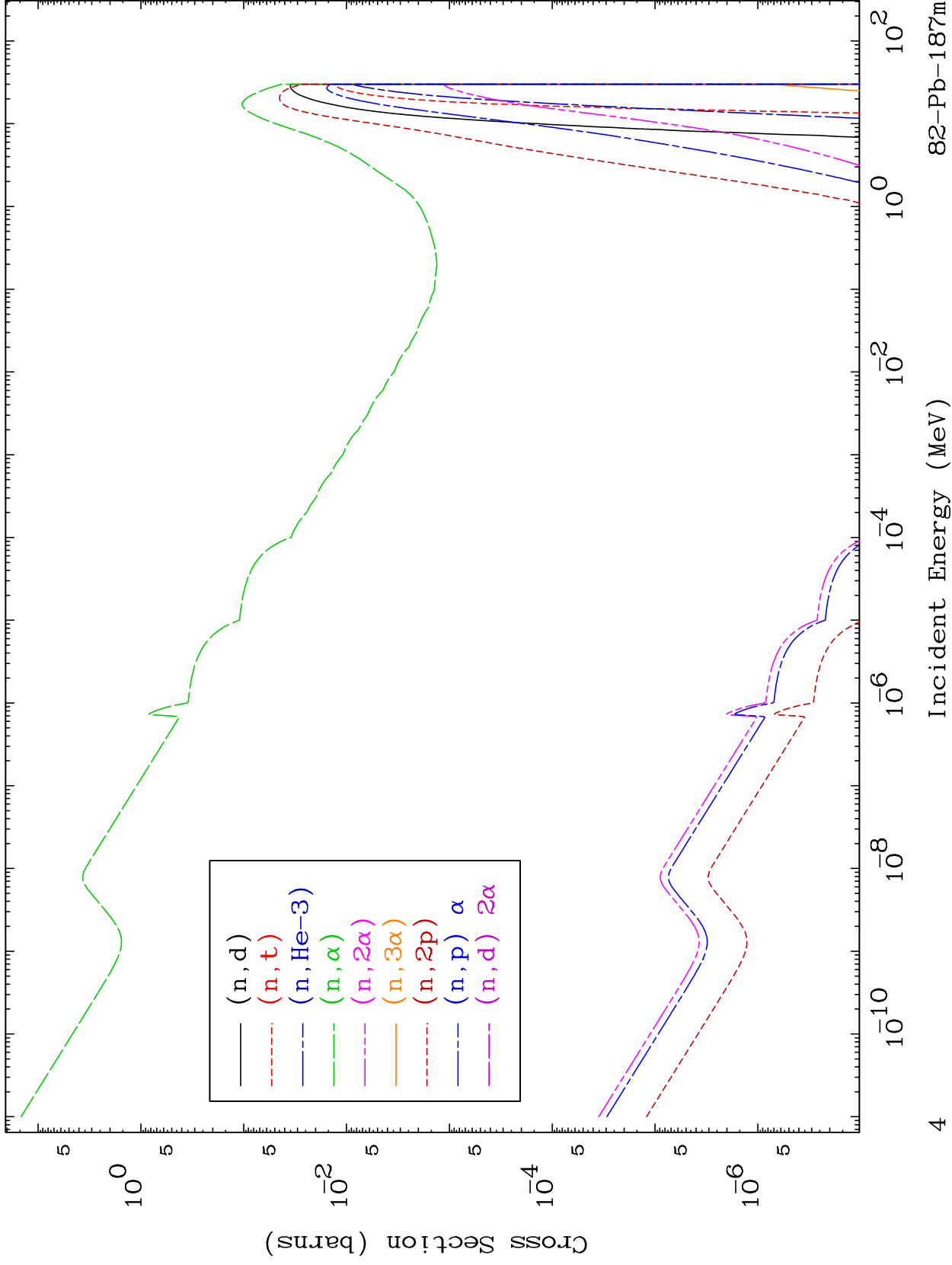
82-Pb-187m

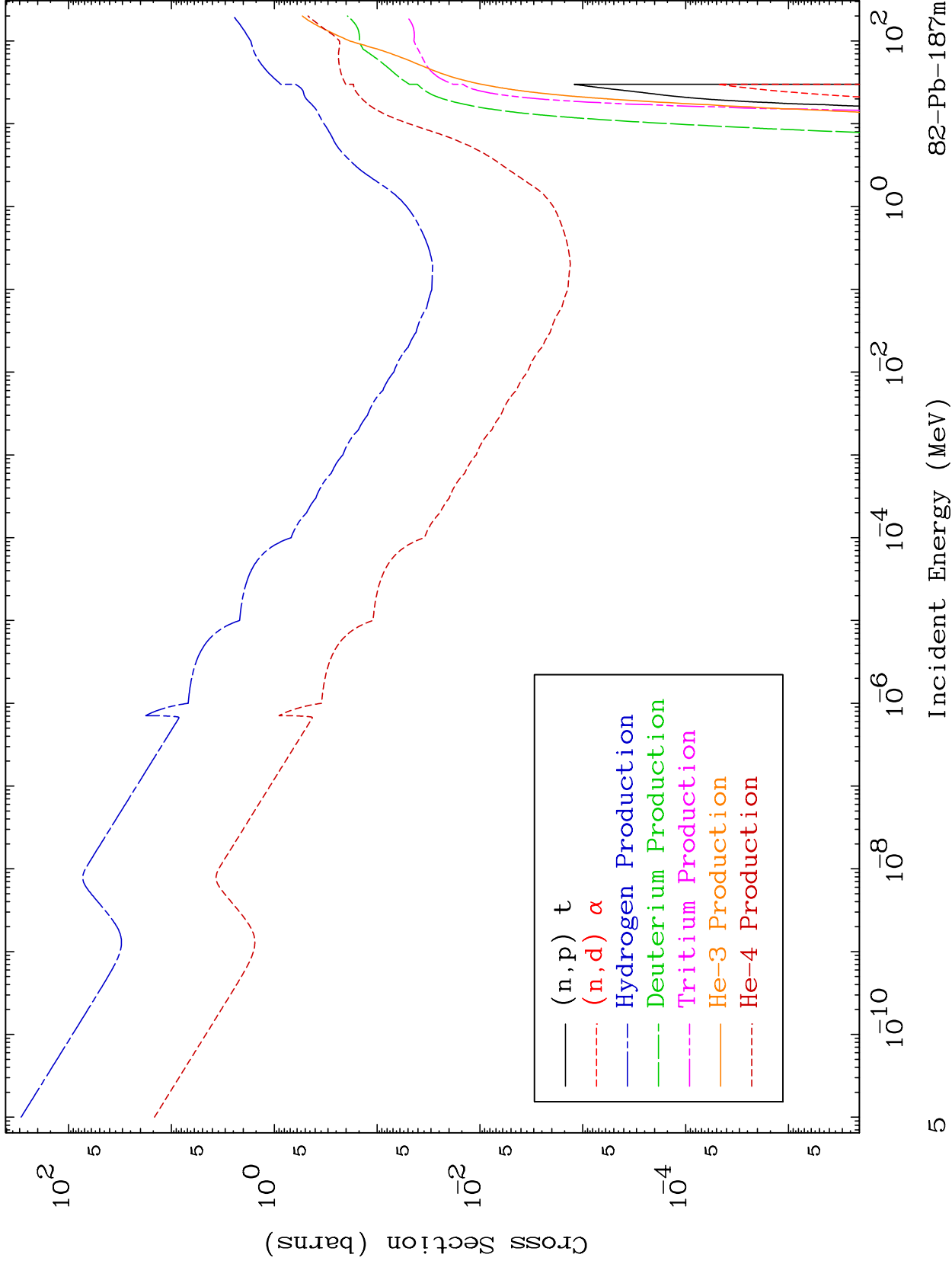


MAT 8175

Neutron Absorption
293 Kelvin Cross Sections

82-Pb-187m

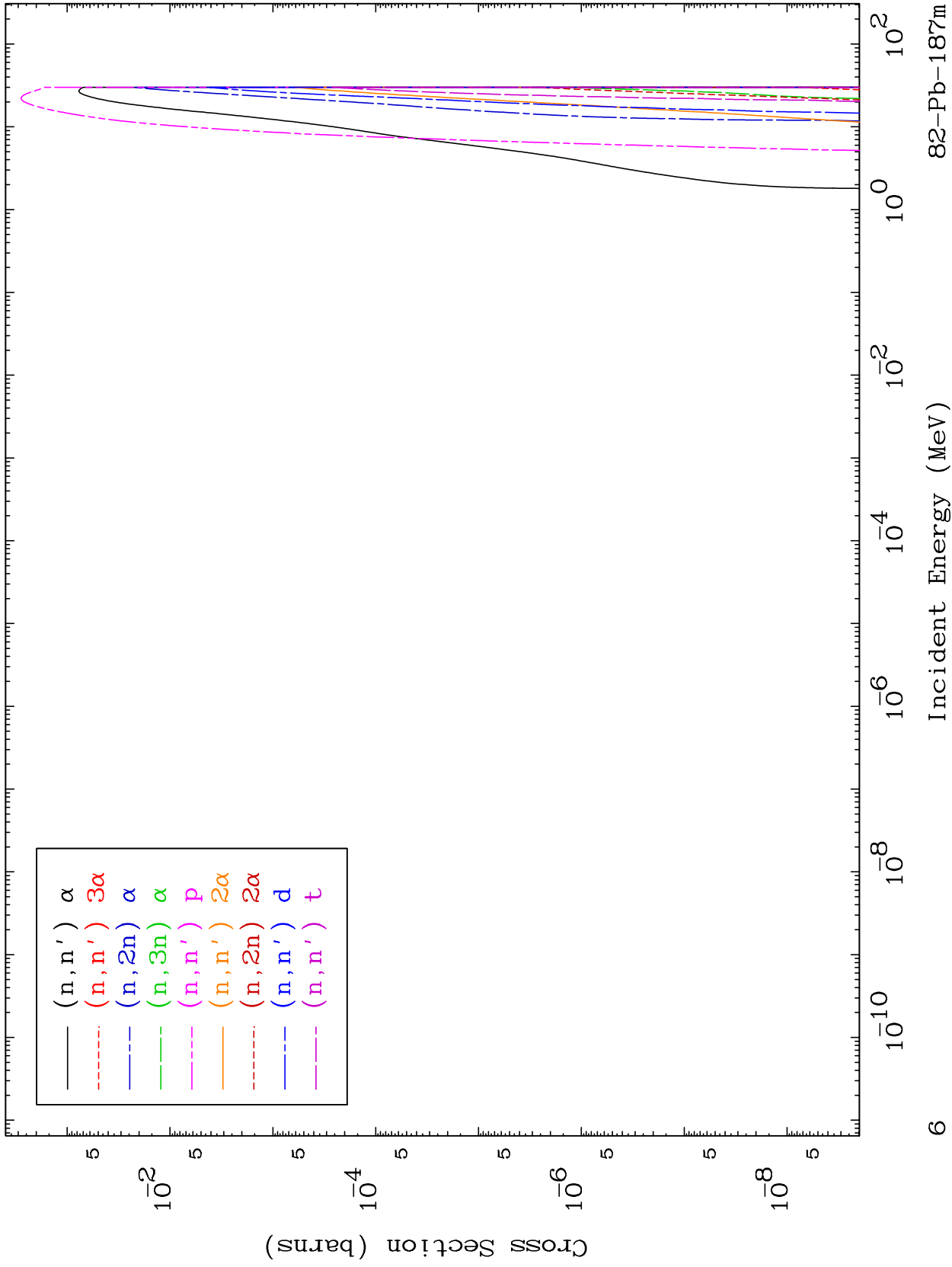




MAT 8175

Charged Particle
293 Kelvin Cross Sections

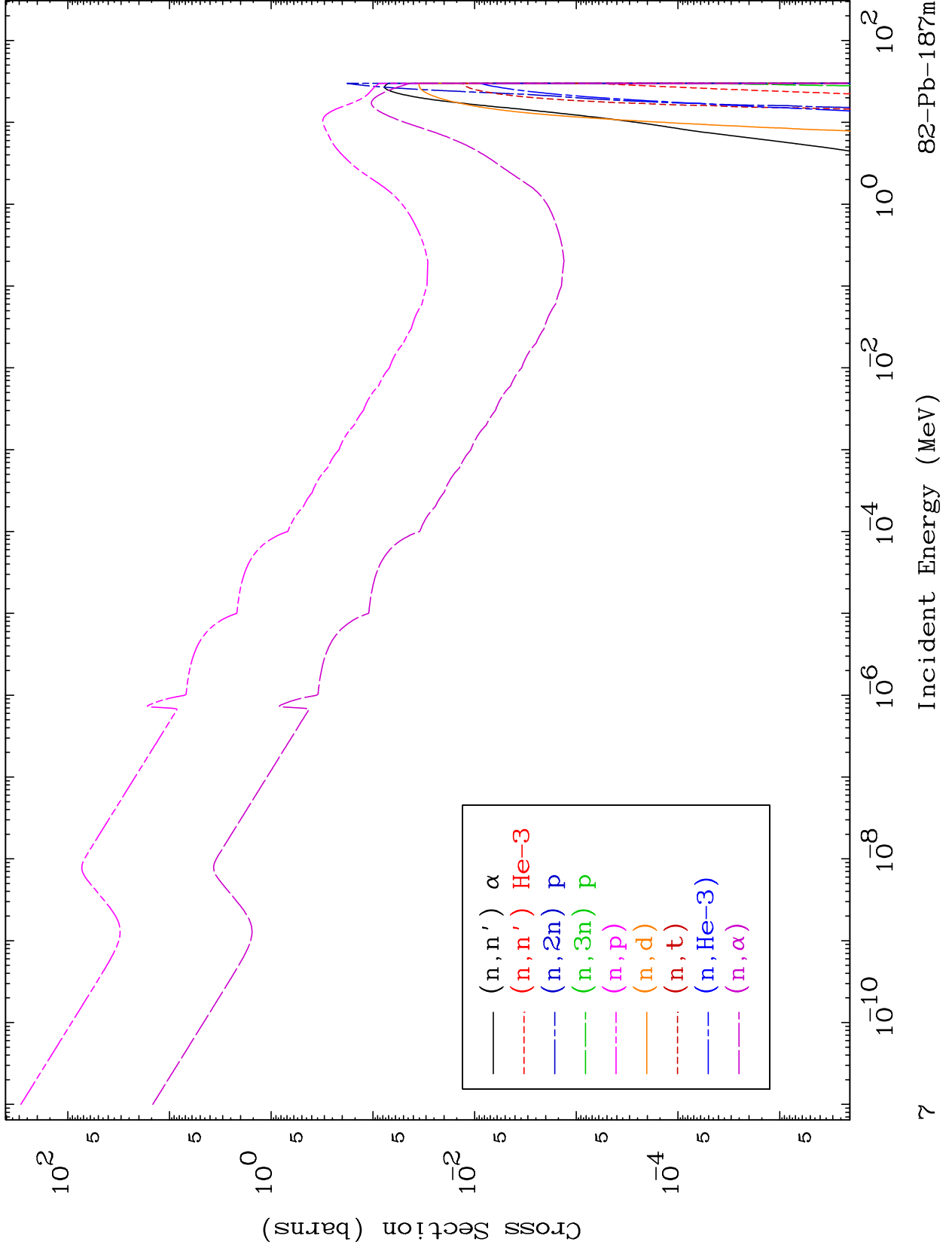
82-Pb-187m



MAT 8175

Charged Particle
293 Kelvin Cross Sections

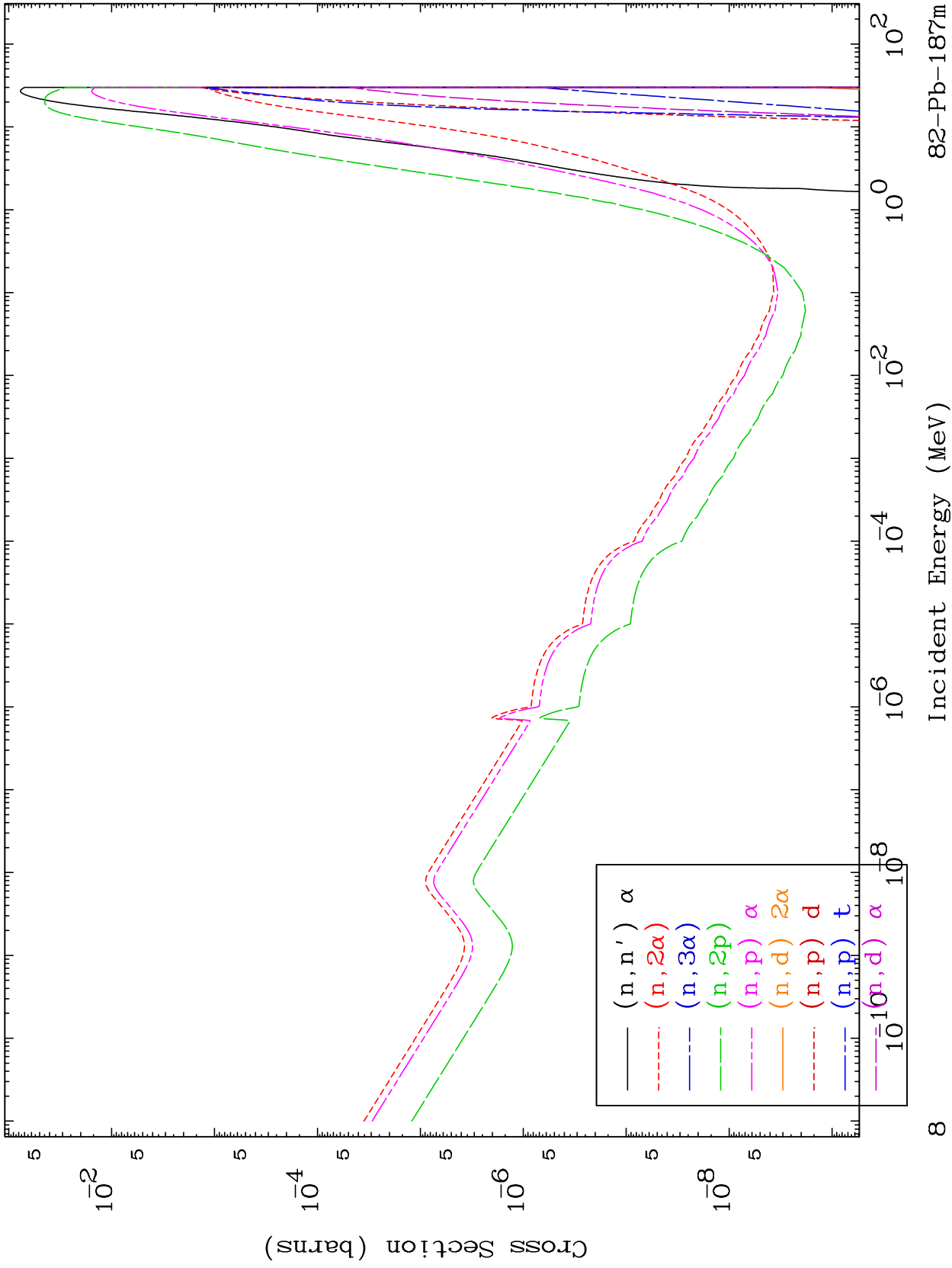
82-Pb-187m



MAT 8175

Charged Particle
293 Kelvin Cross Sections

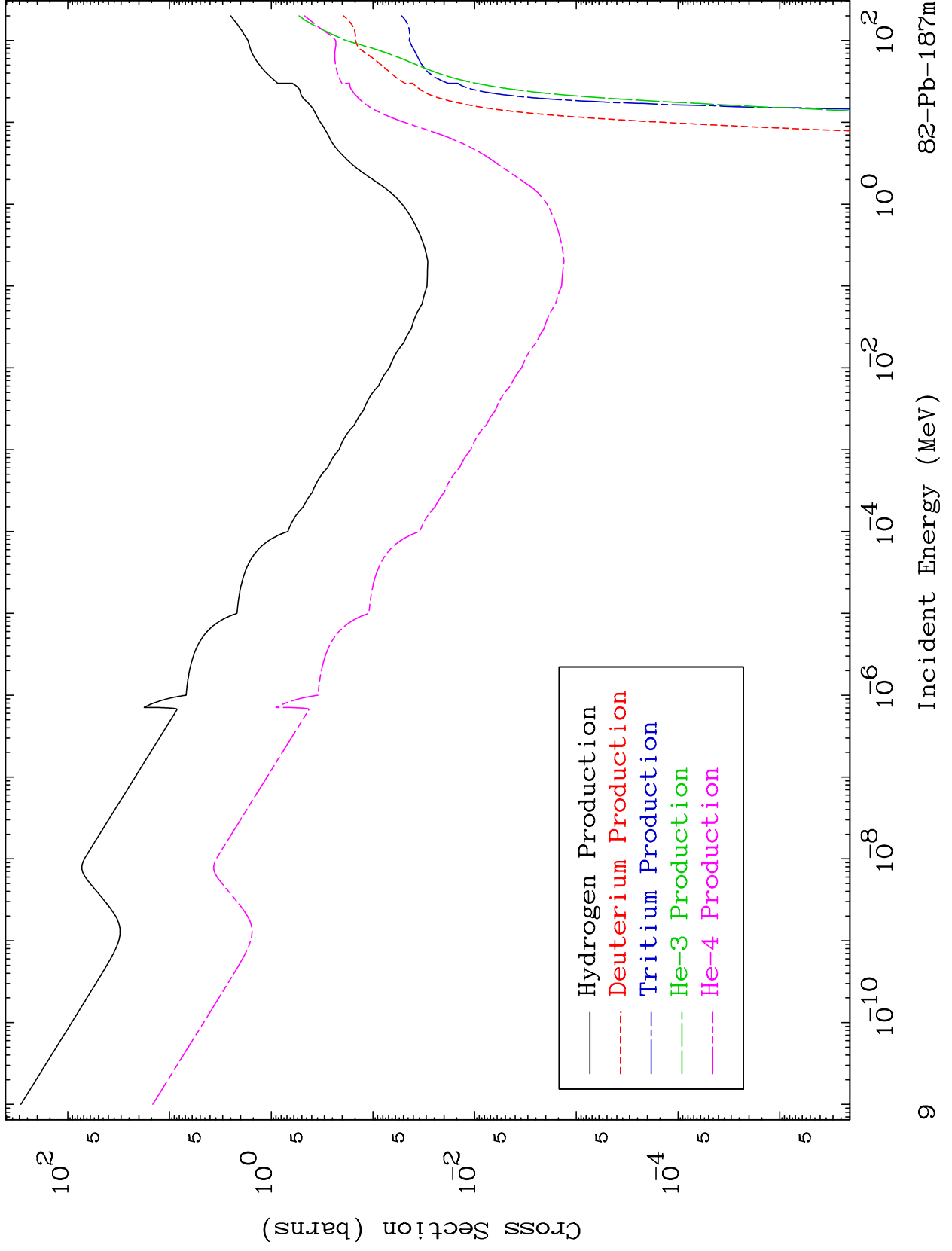
82-Pb-187m



MAT 8175

Particle Production
293 Kelvin Cross Sections

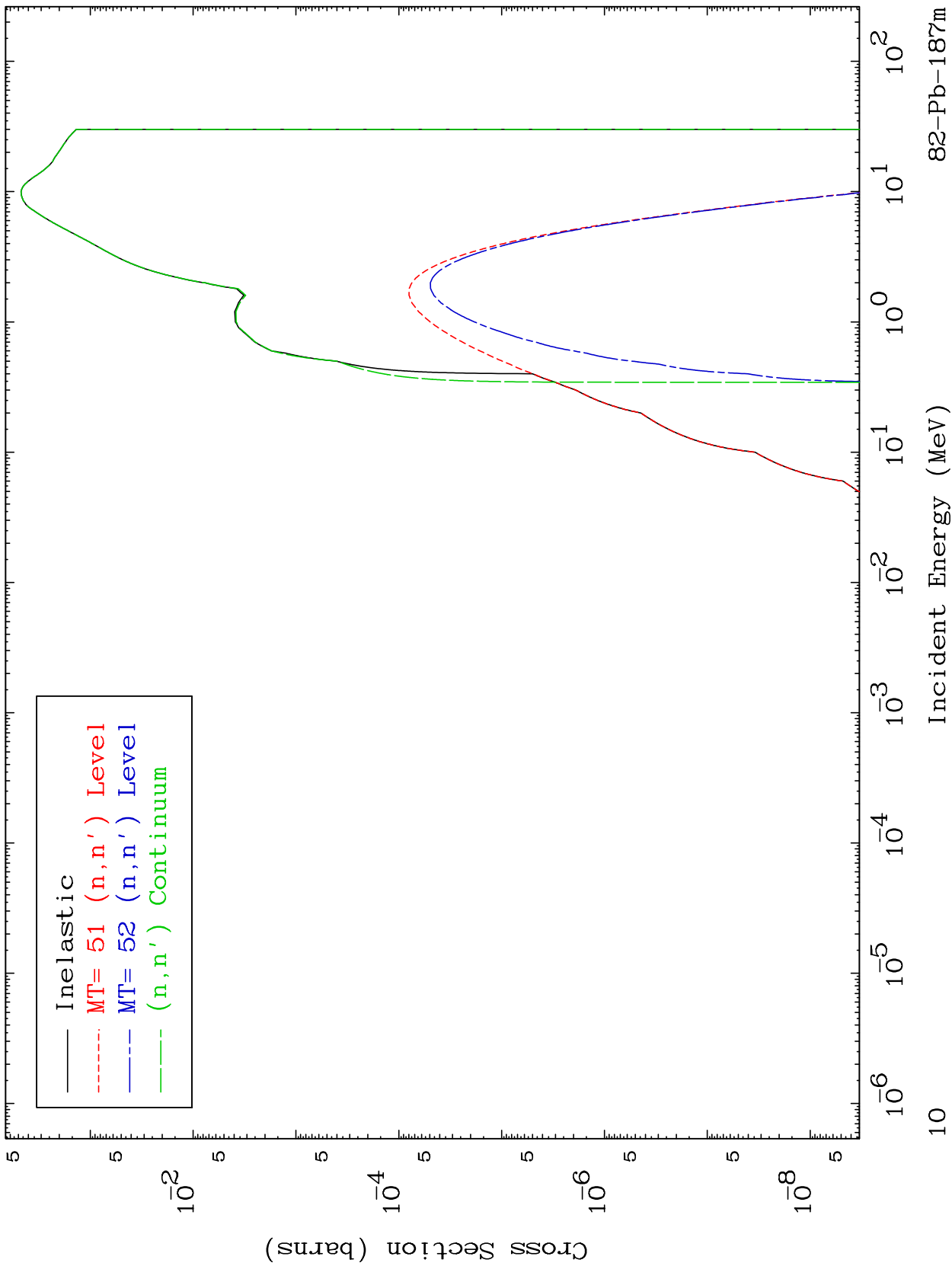
82-Pb-187m



MAT 8175

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-187m

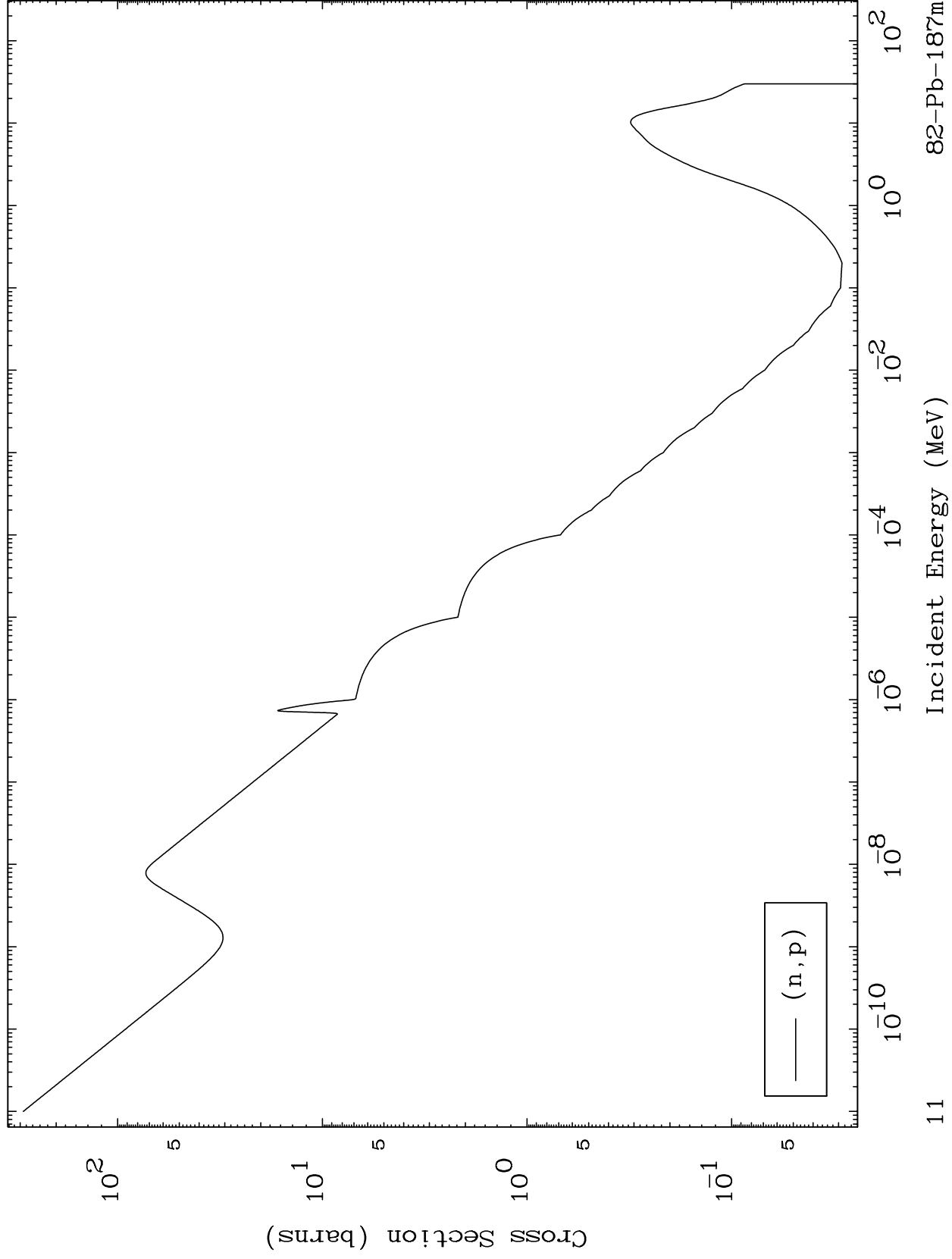


82-Pb-187m

MAT 8175

(n,p) Levels
293 Kelvin Cross Sections

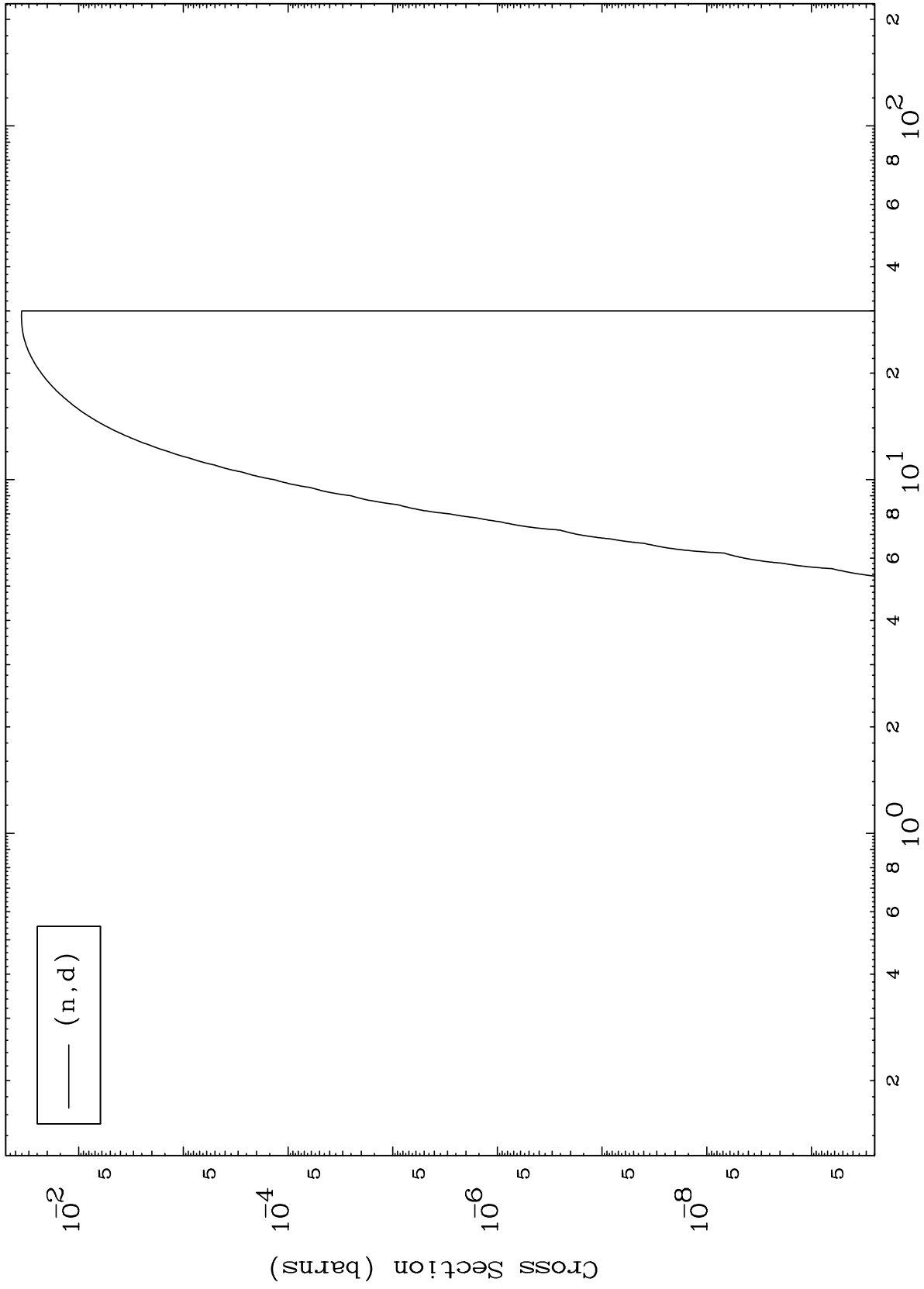
82-Pb-187m



MAT 8175

(n,d) Levels
293 Kelvin Cross Sections

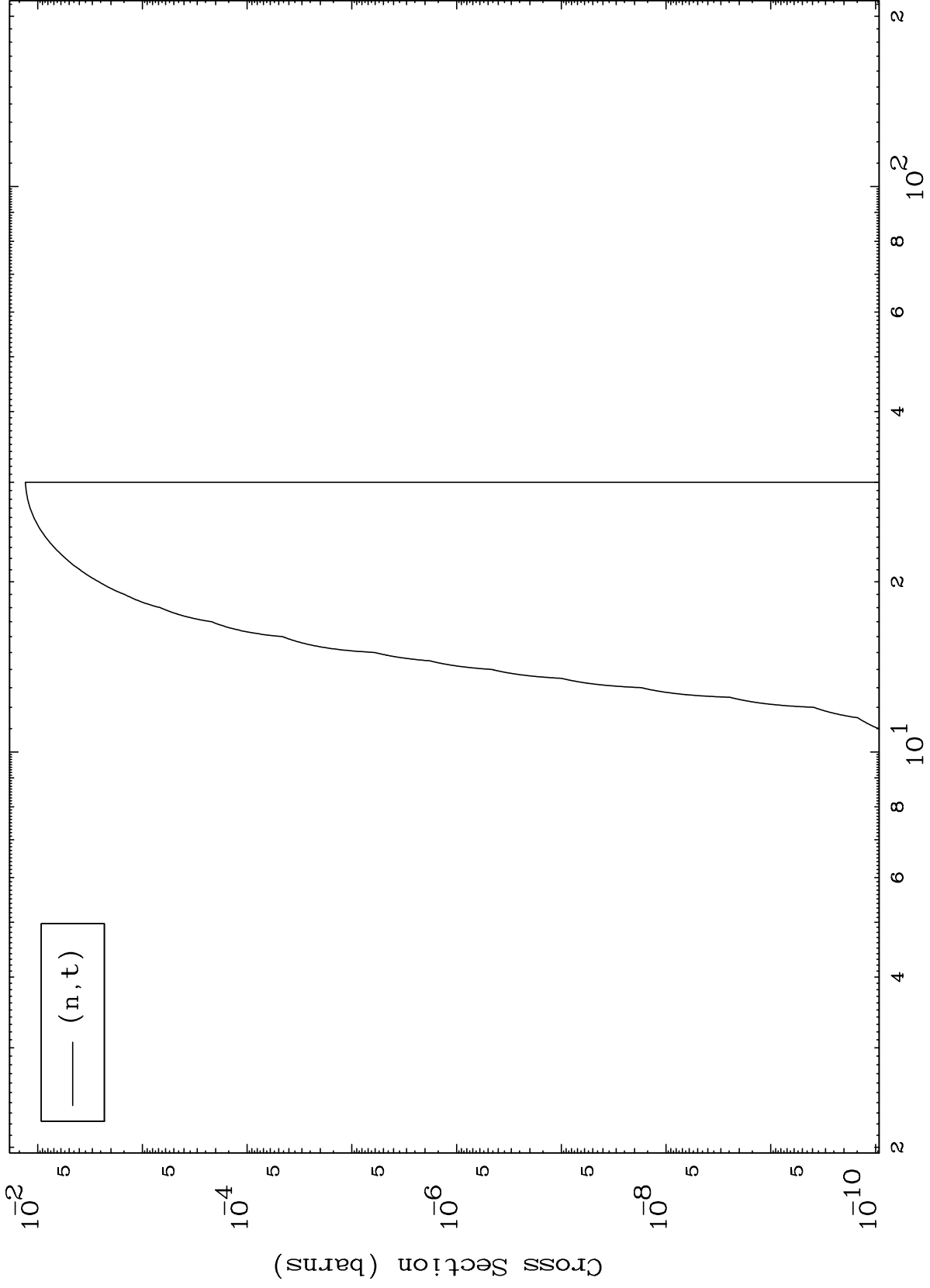
82-Pb-187m



MAT 8175

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-187m



13

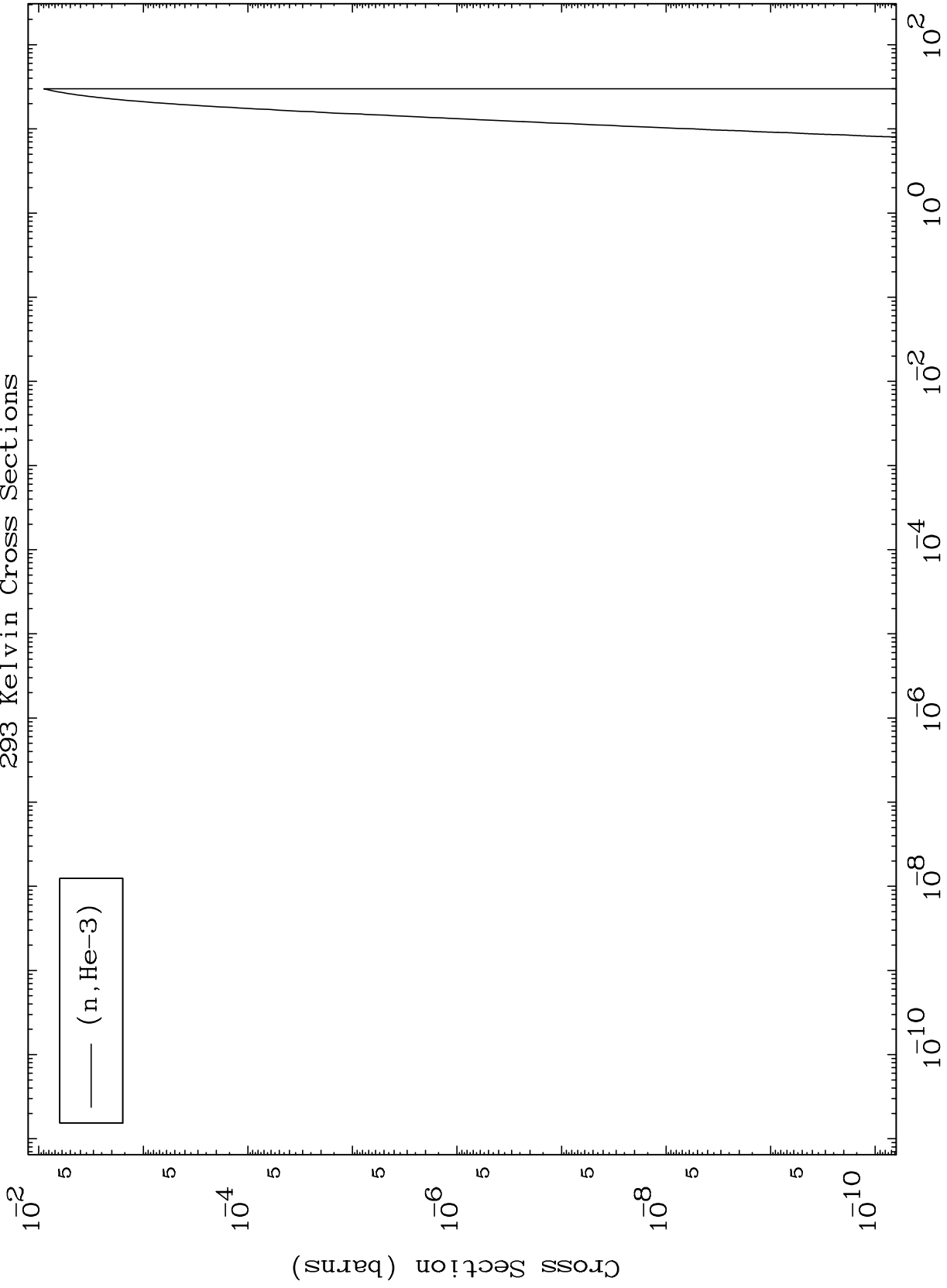
Incident Energy (MeV)

82-Pb-187m

MAT 8175

(n,He3) Levels
293 Kelvin Cross Sections

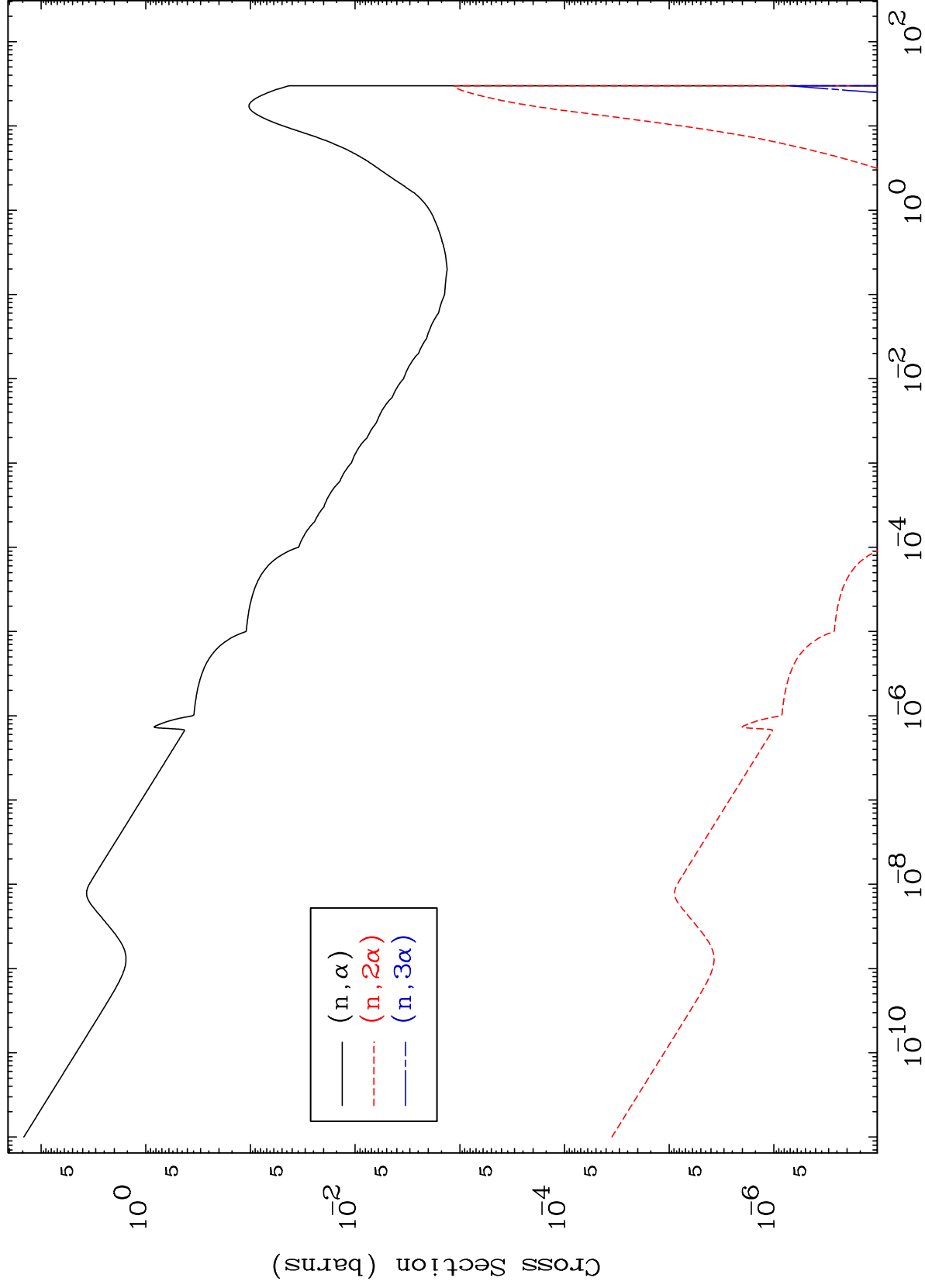
82-Pb-187m



MAT 8175

(n,α) Levels
293 Kelvin Cross Sections

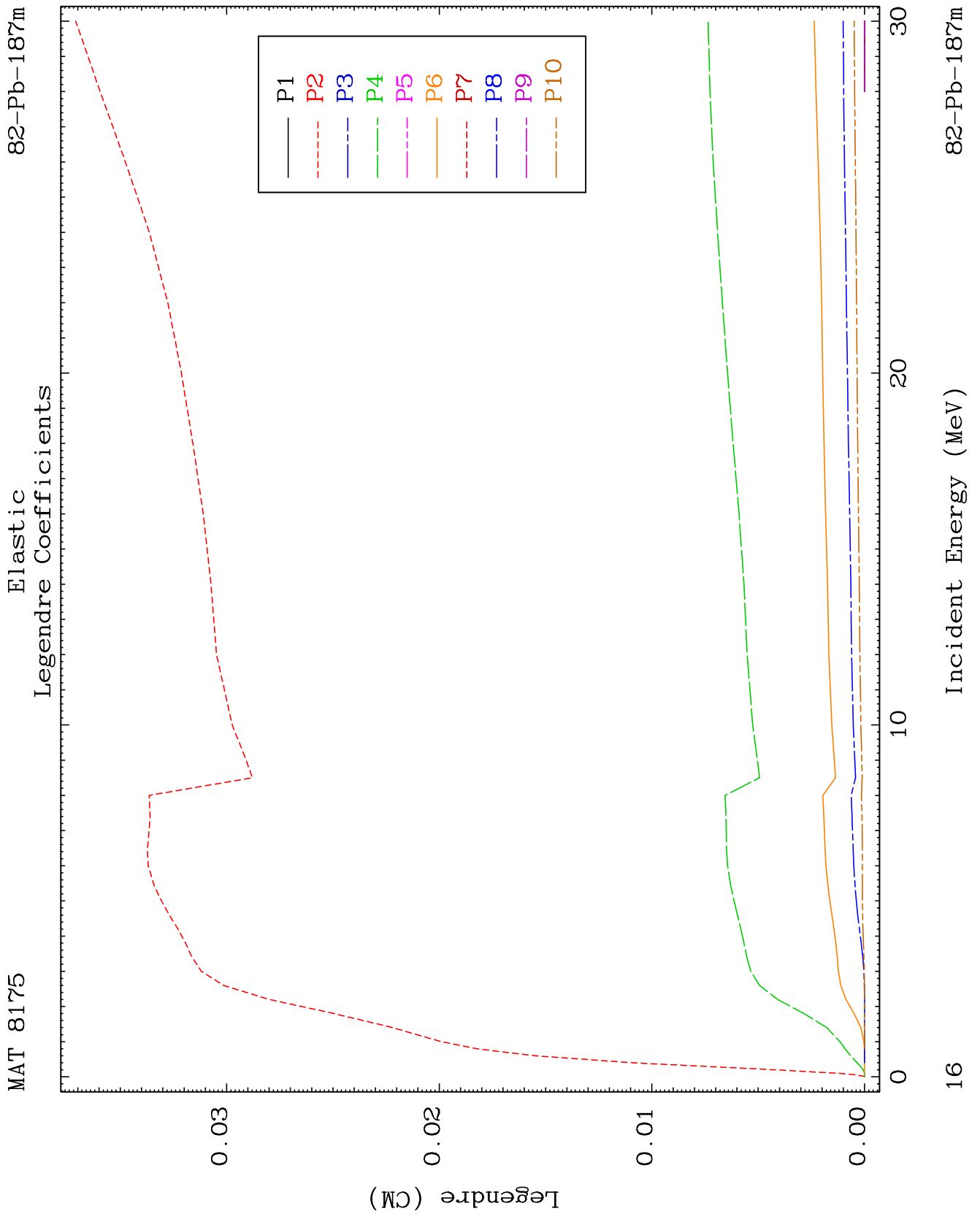
82-Pb-187m



15

Incident Energy (MeV)

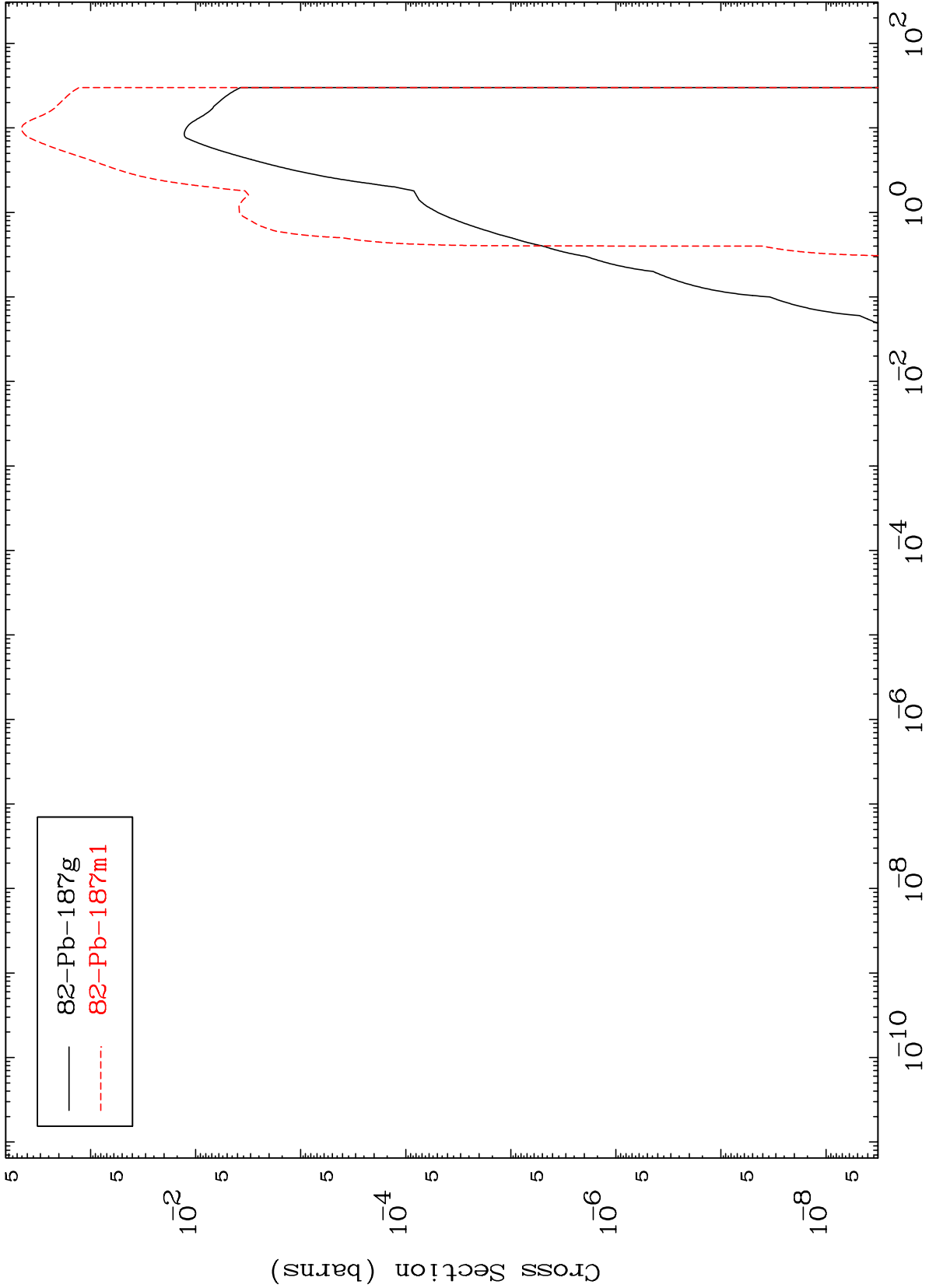
82-Pb-187m



MAT 8175

Inelastic
Radionuclide Production Cross Section

82-Pb-187m



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

82-Pb-187m

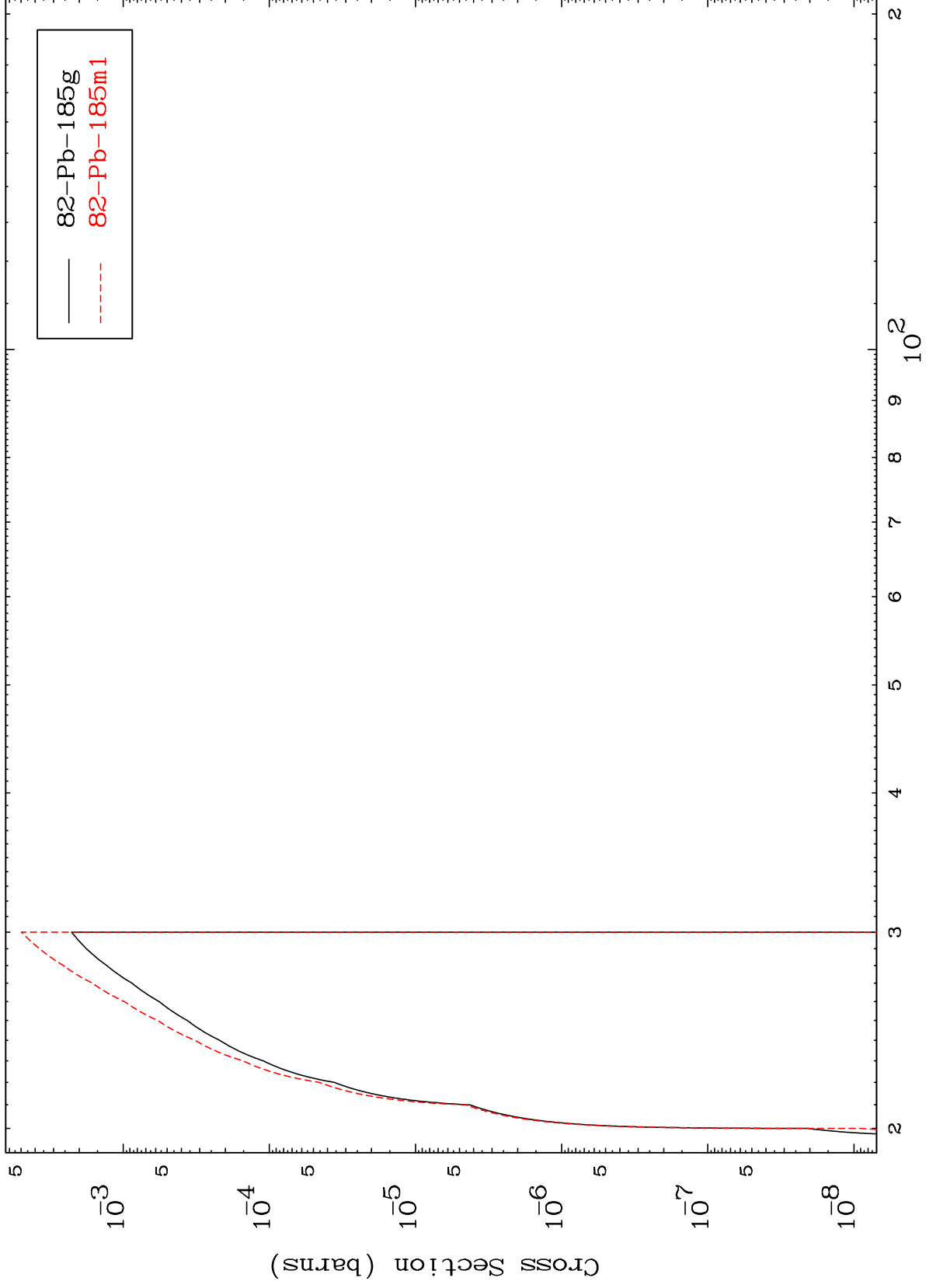
Incident Energy (MeV)

MAT 8175

(n,3n)

82-Pb-187m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

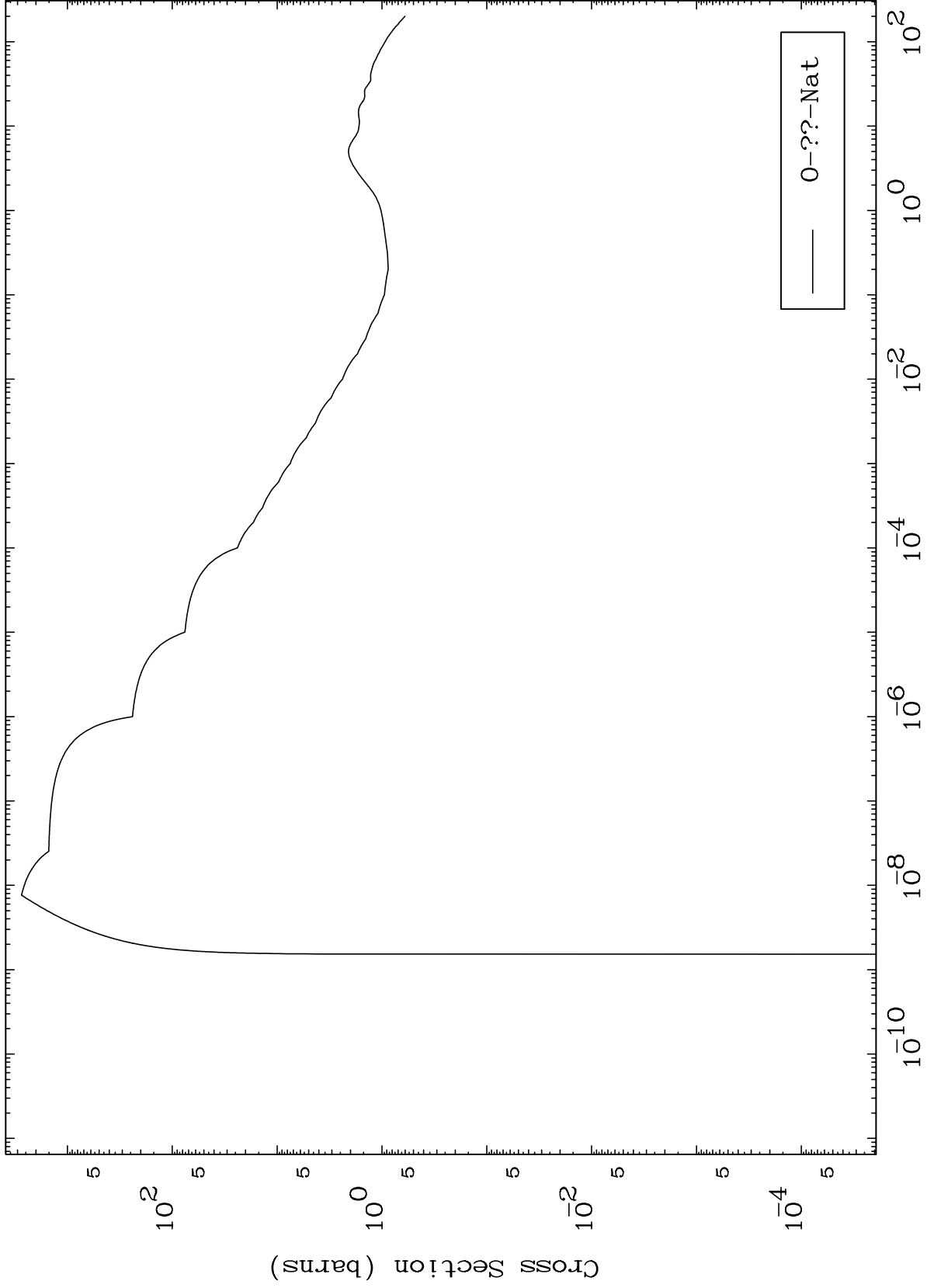
82-Pb-187m

MAT 8175

Fission

⁸²Pb-187m

Radionuclide Production Cross Section



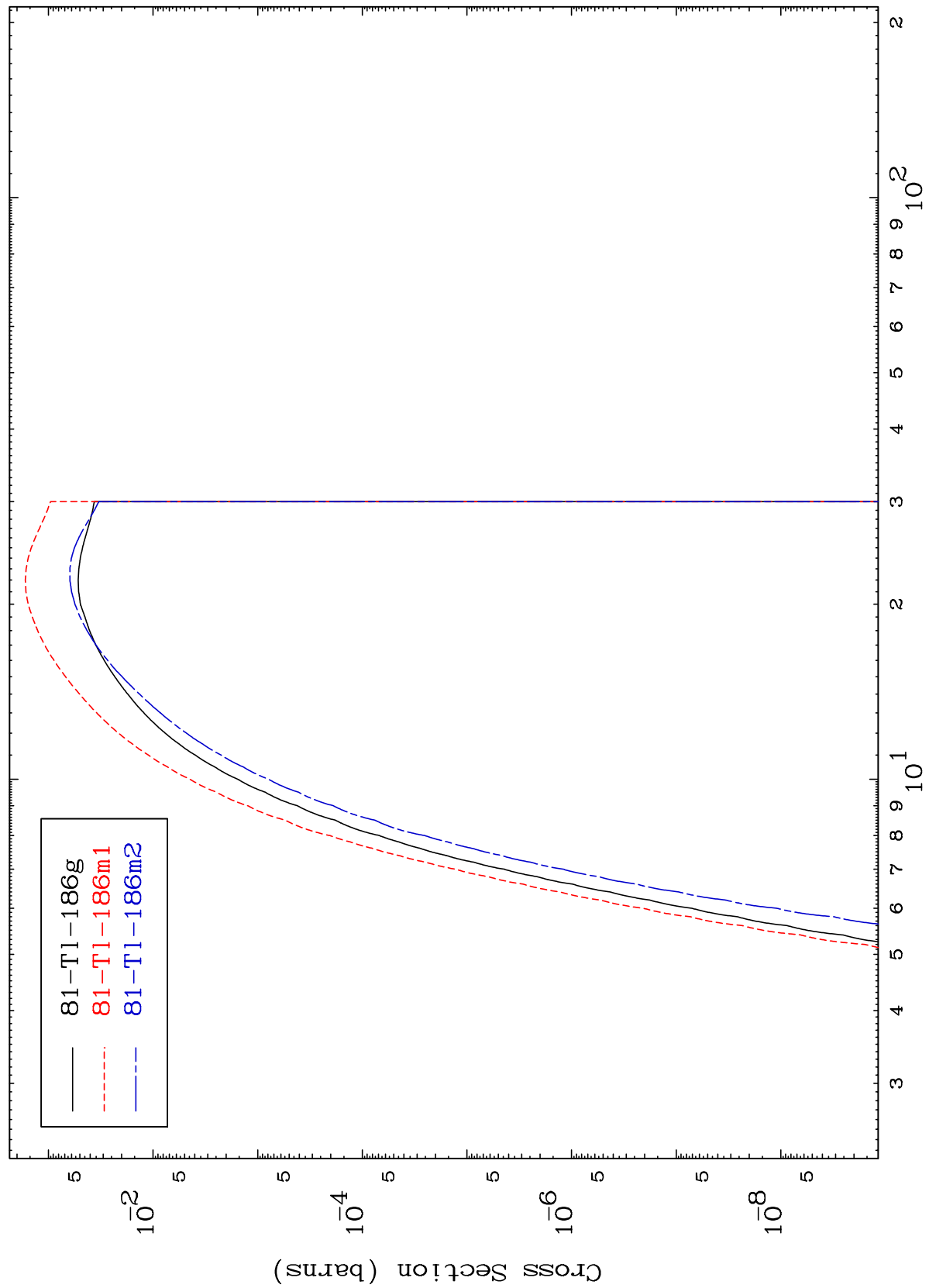
0-??-Nat

MAT 8175

(n,n') p

82-Pb-187m

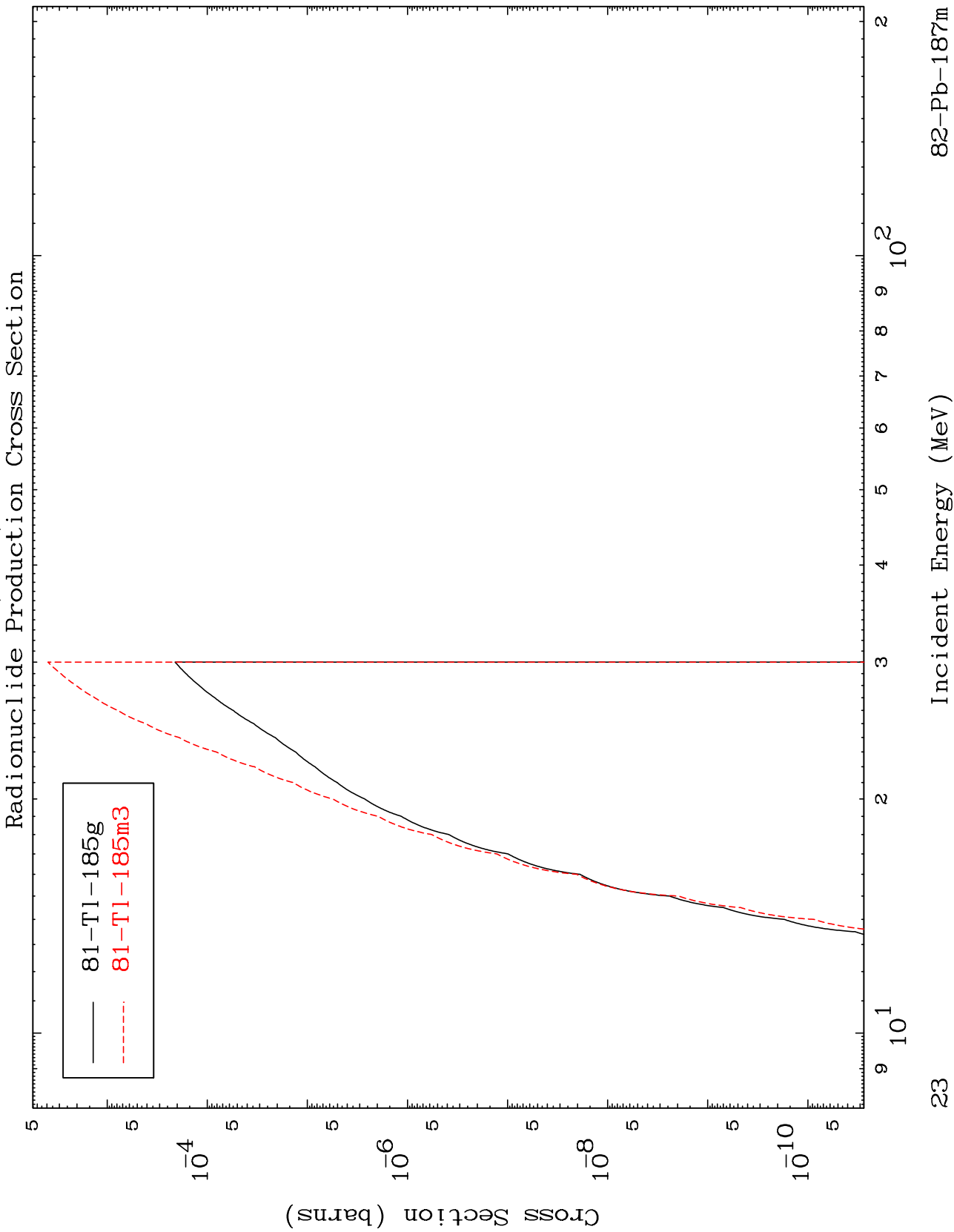
Radionuclide Production Cross Section



MAT 8175

(n,n') d

82-Pb-187m



23

Incident Energy (MeV)

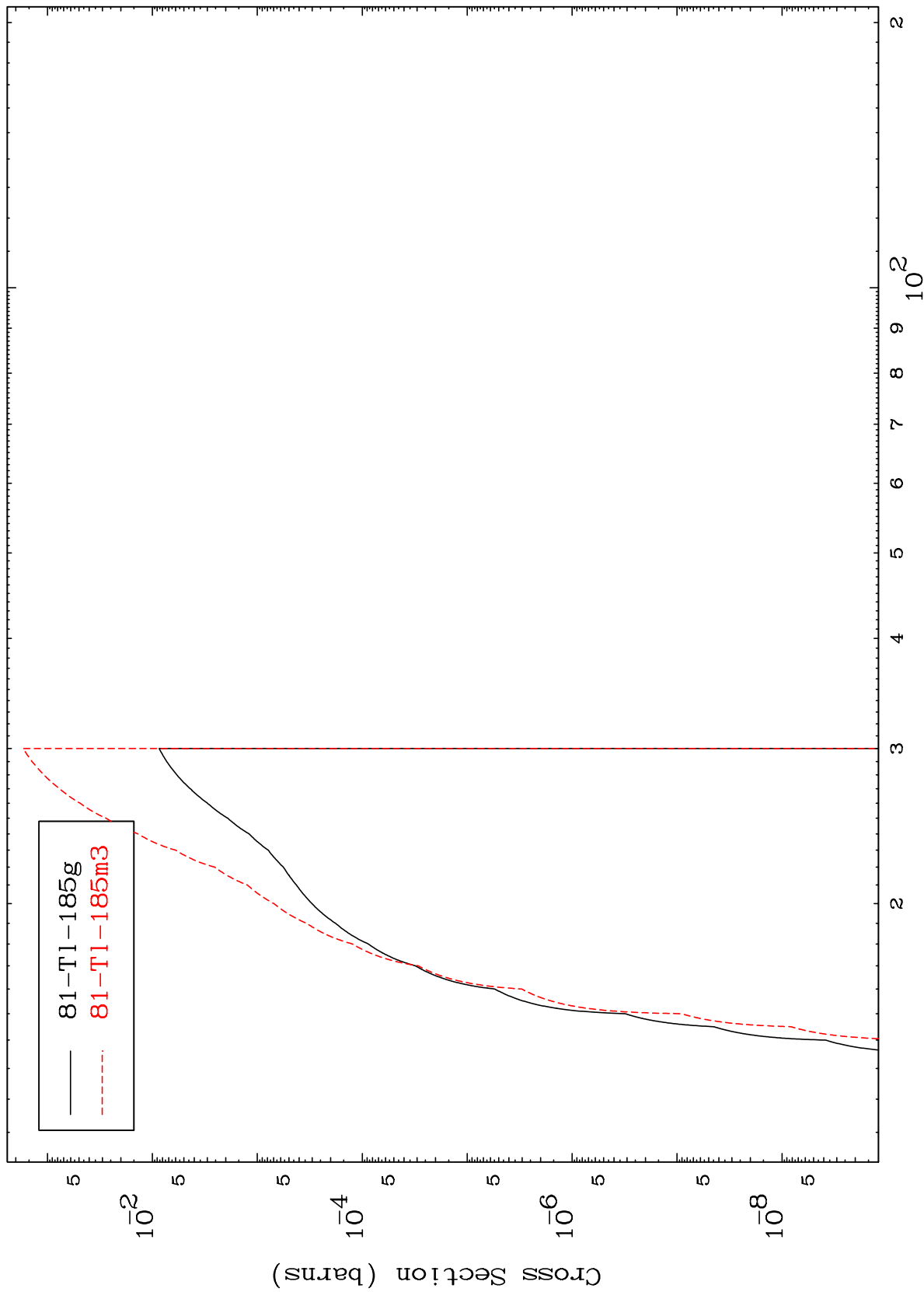
82-Pb-187m

MAT 8175

82-Pb-187m

(n,2n) p

Radionuclide Production Cross Section



82-Pb-187m

Incident Energy (MeV)

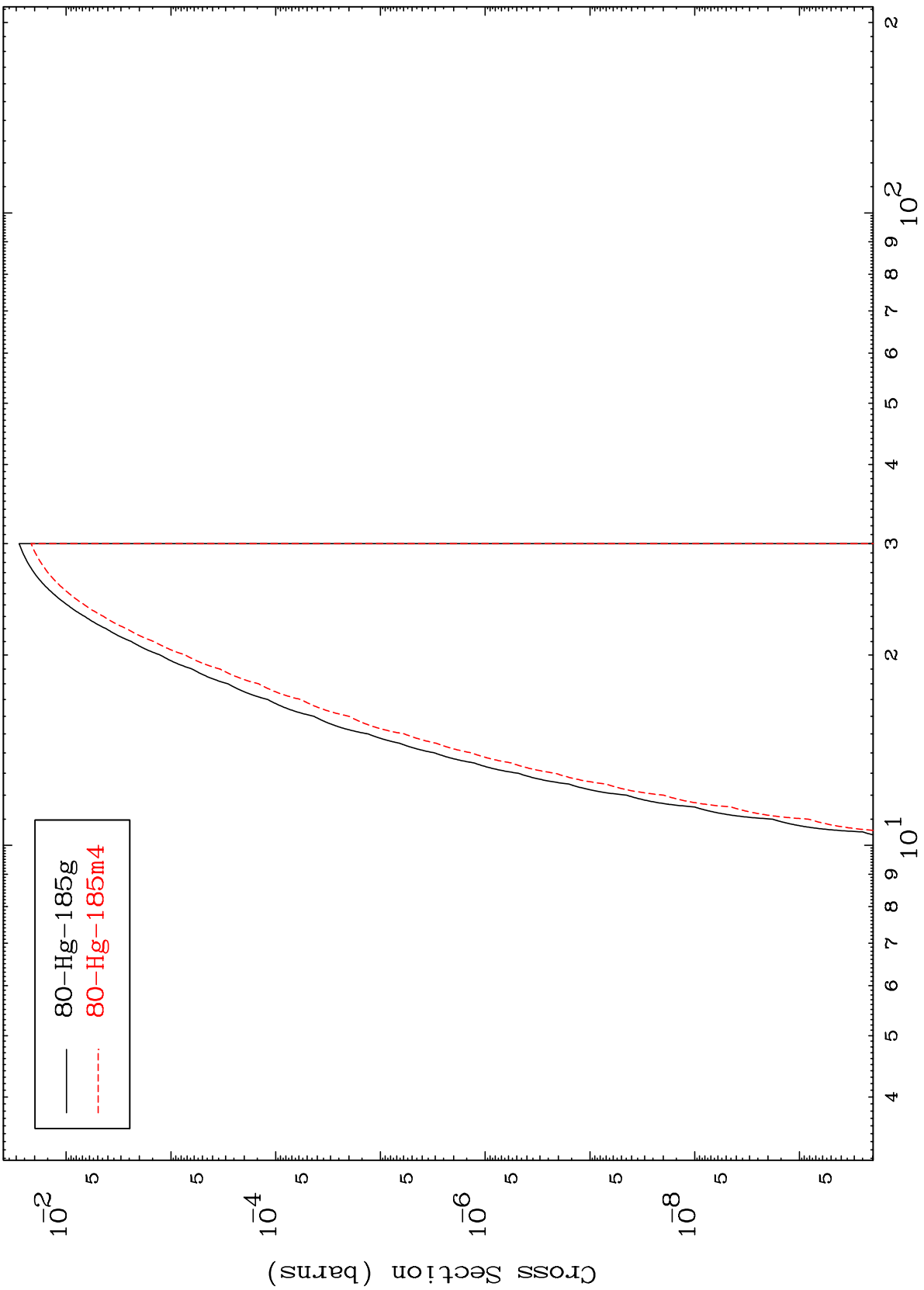
24

MAT 8175

(n,2n) p

82-Pb-187m

Radionuclide Production Cross Section



— 80-Hg-185g
- - - 80-Hg-185m4

25

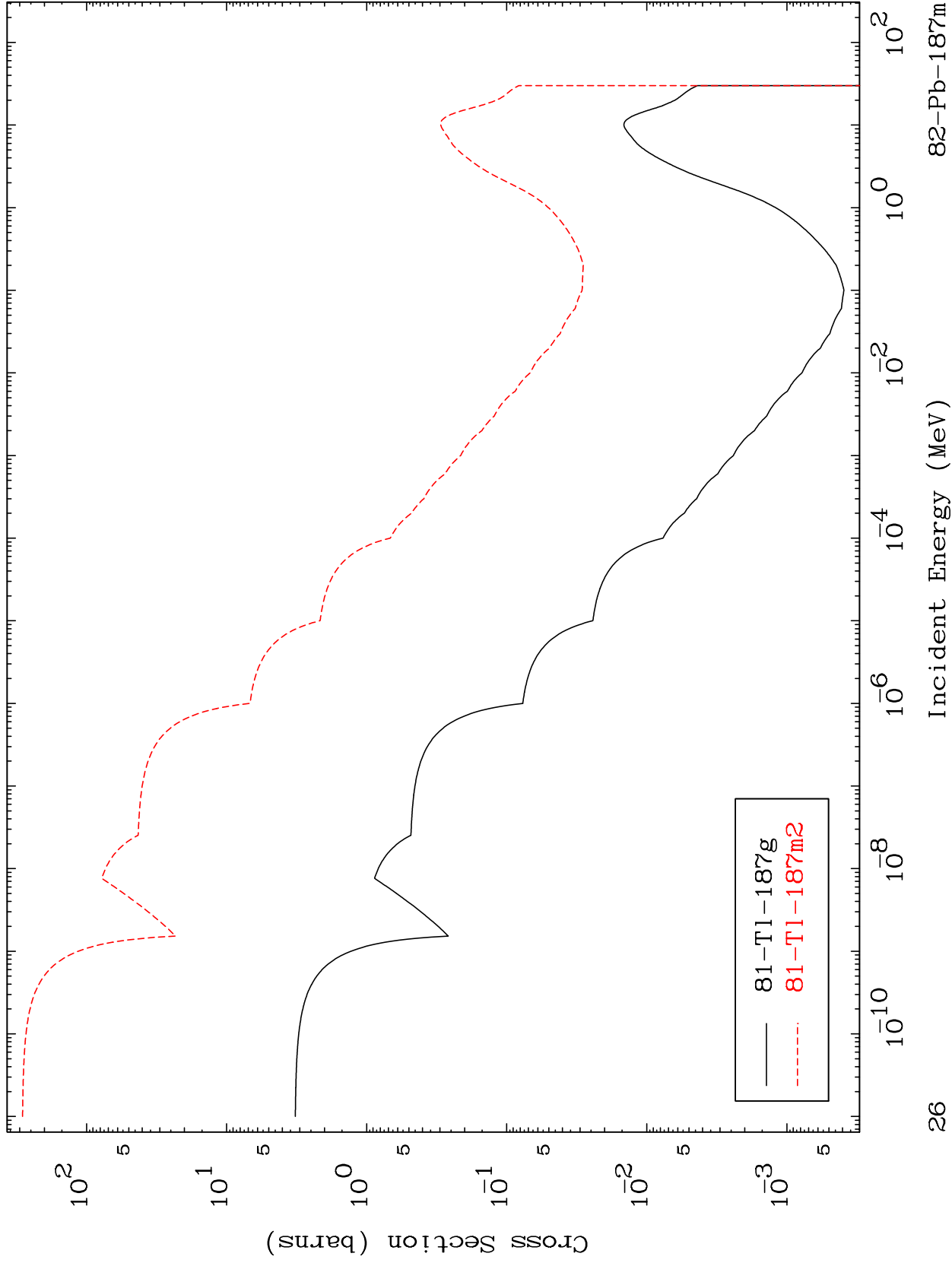
Incident Energy (MeV)

82-Pb-187m

MAT 8175

82-Pb-187m

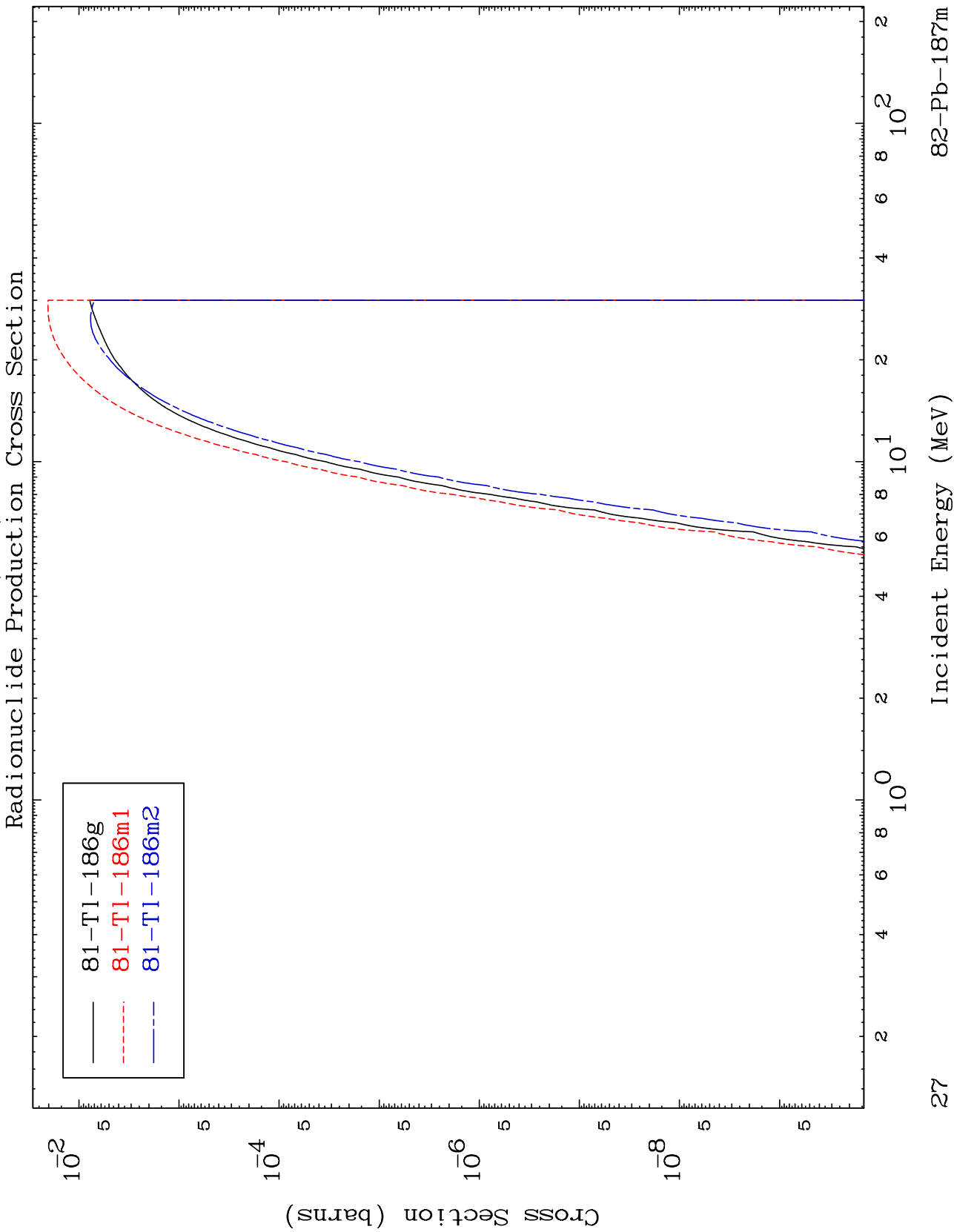
(n,p)
Radionuclide Production Cross Section



MAT 8175

(n, d)

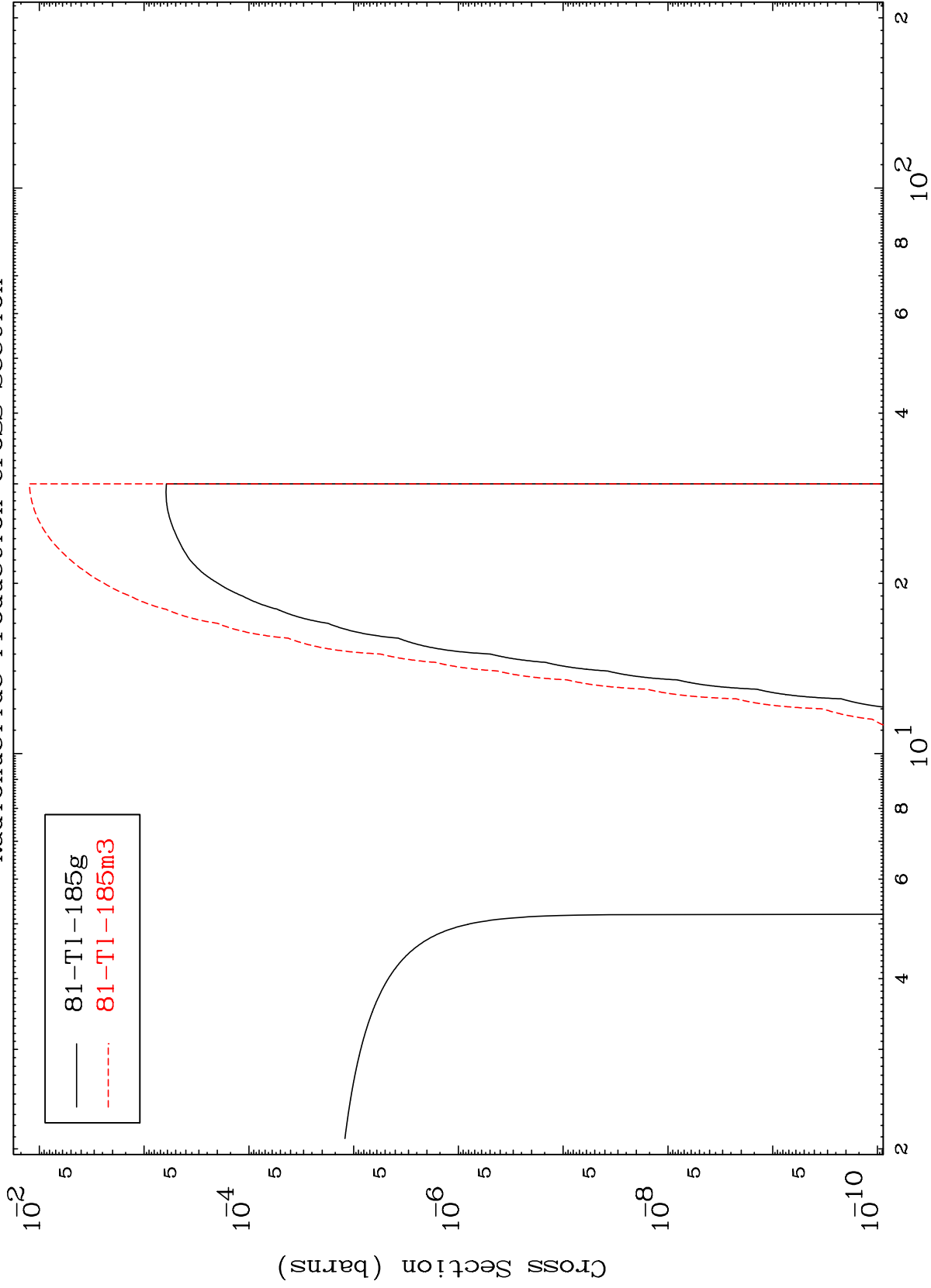
82-Pb-187m



MAT 8175

82-Pb-187m

Radionuclide Production Cross Section



82-Pb-187m

Incident Energy (MeV)

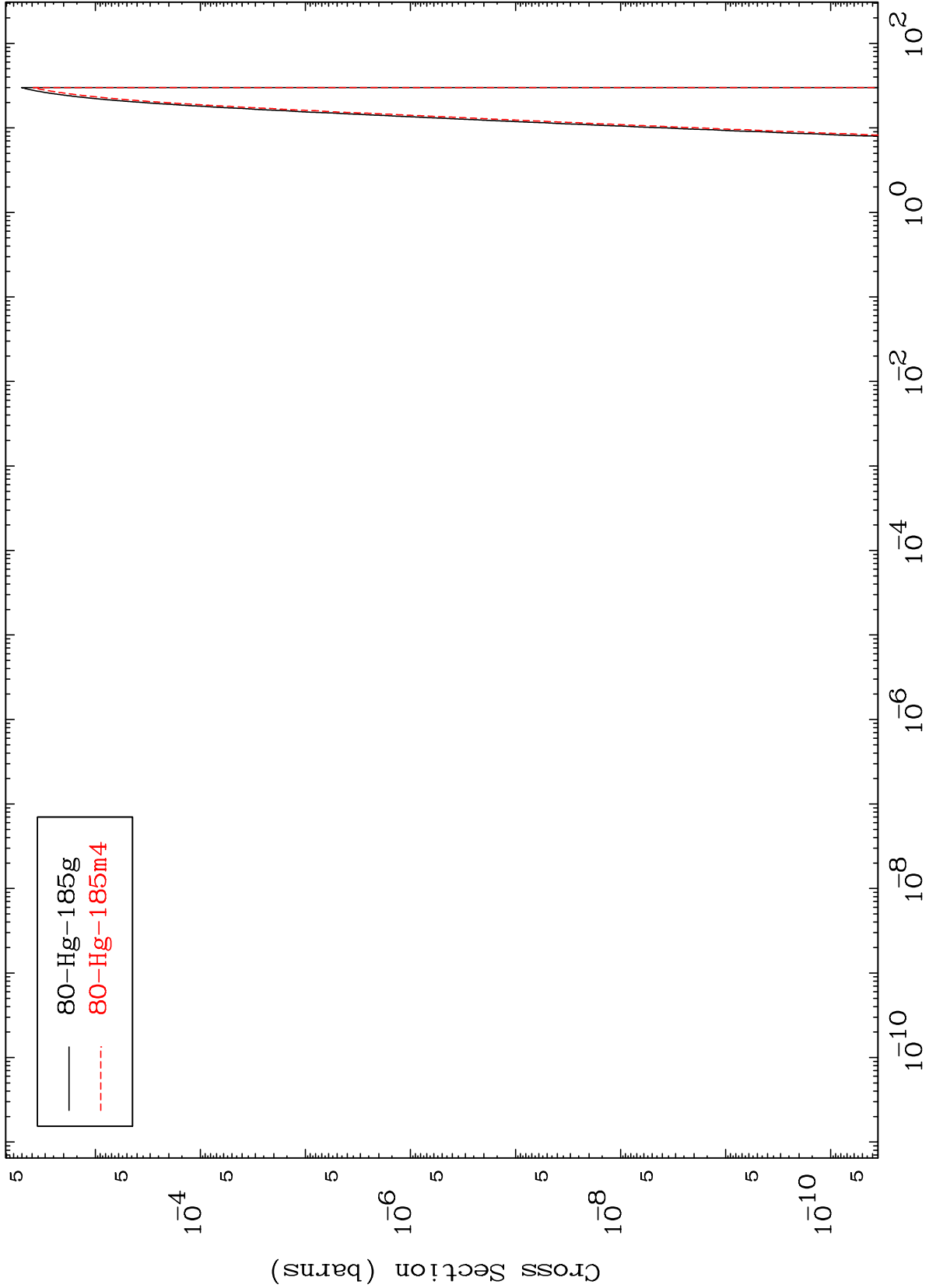
28

MAT 8175

(n,He-3)

82-Pb-187m

Radionuclide Production Cross Section



MAT 8175

(n,p) d

82-Pb-187m

Radionuclide Production Cross Section

