

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 8205

Neutron Major
293 Kelvin Cross Sections

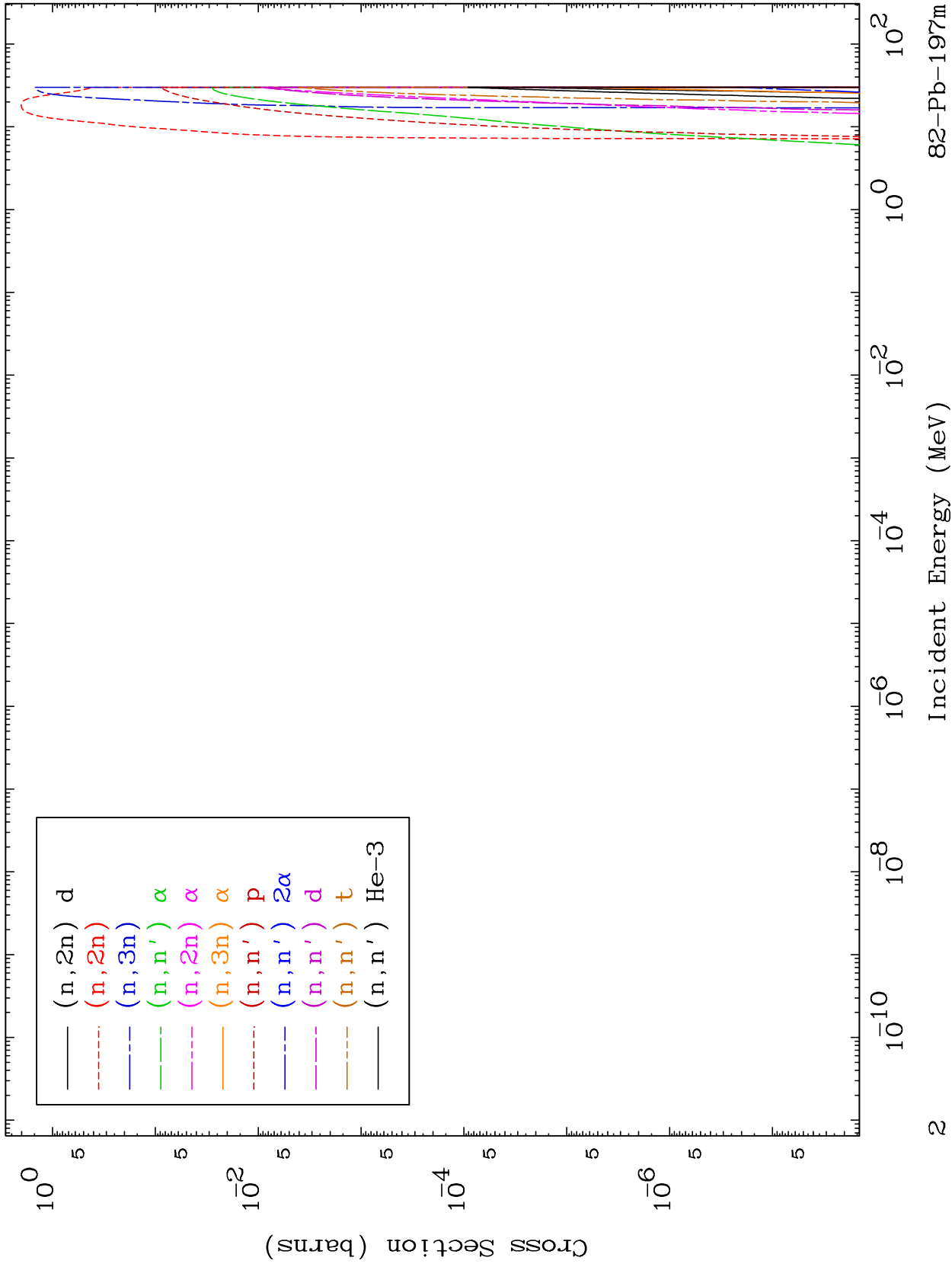
82-Pb-197m



MAT 8205

Neutron Absorption
293 Kelvin Cross Sections

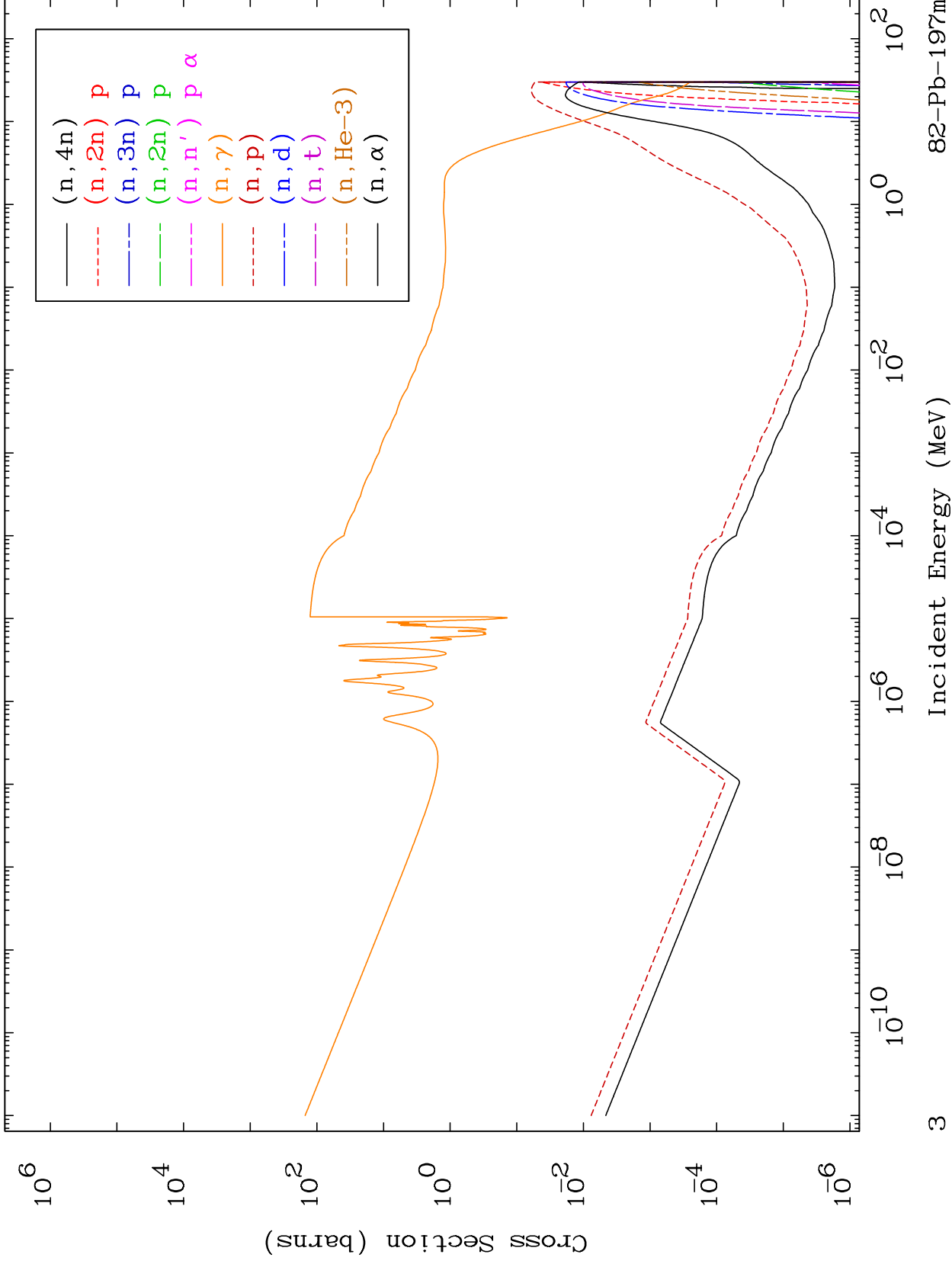
82-Pb-197m



MAT 8205

Neutron Absorption
293 Kelvin Cross Sections

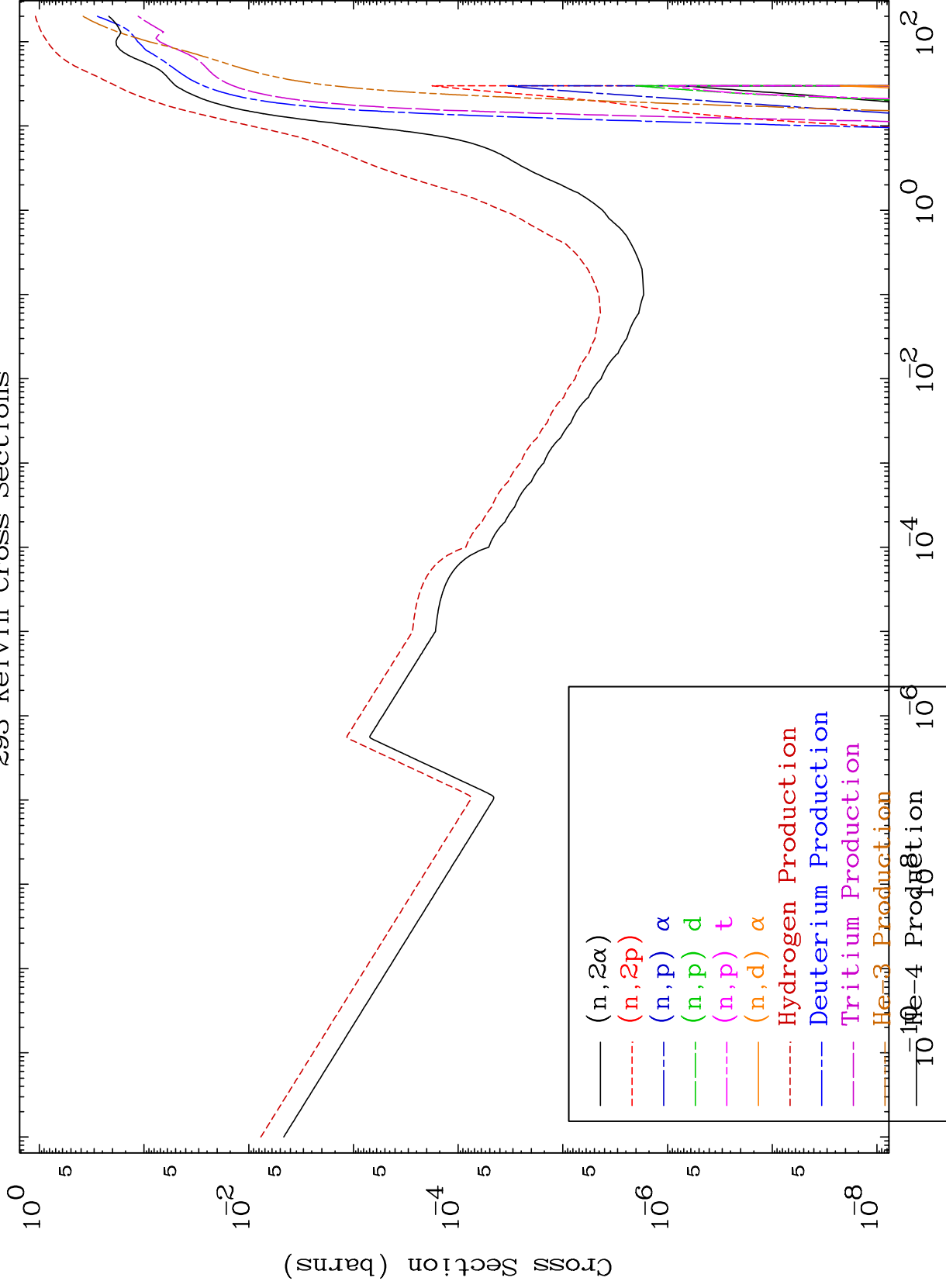
82-Pb-197m



MAT 8205

Neutron Absorption
293 Kelvin Cross Sections

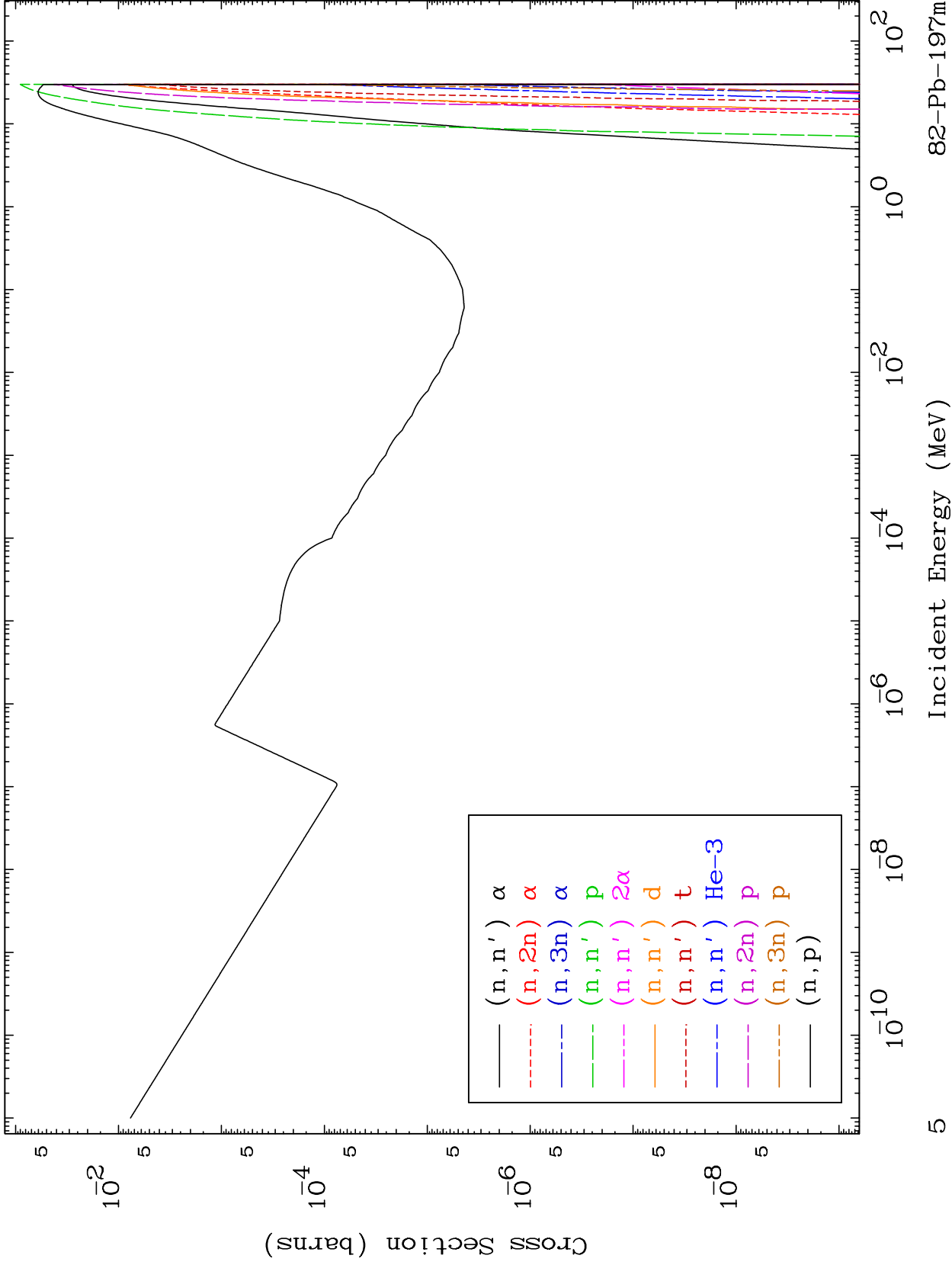
82-Pb-197m



MAT 8205

Charged Particle
293 Kelvin Cross Sections

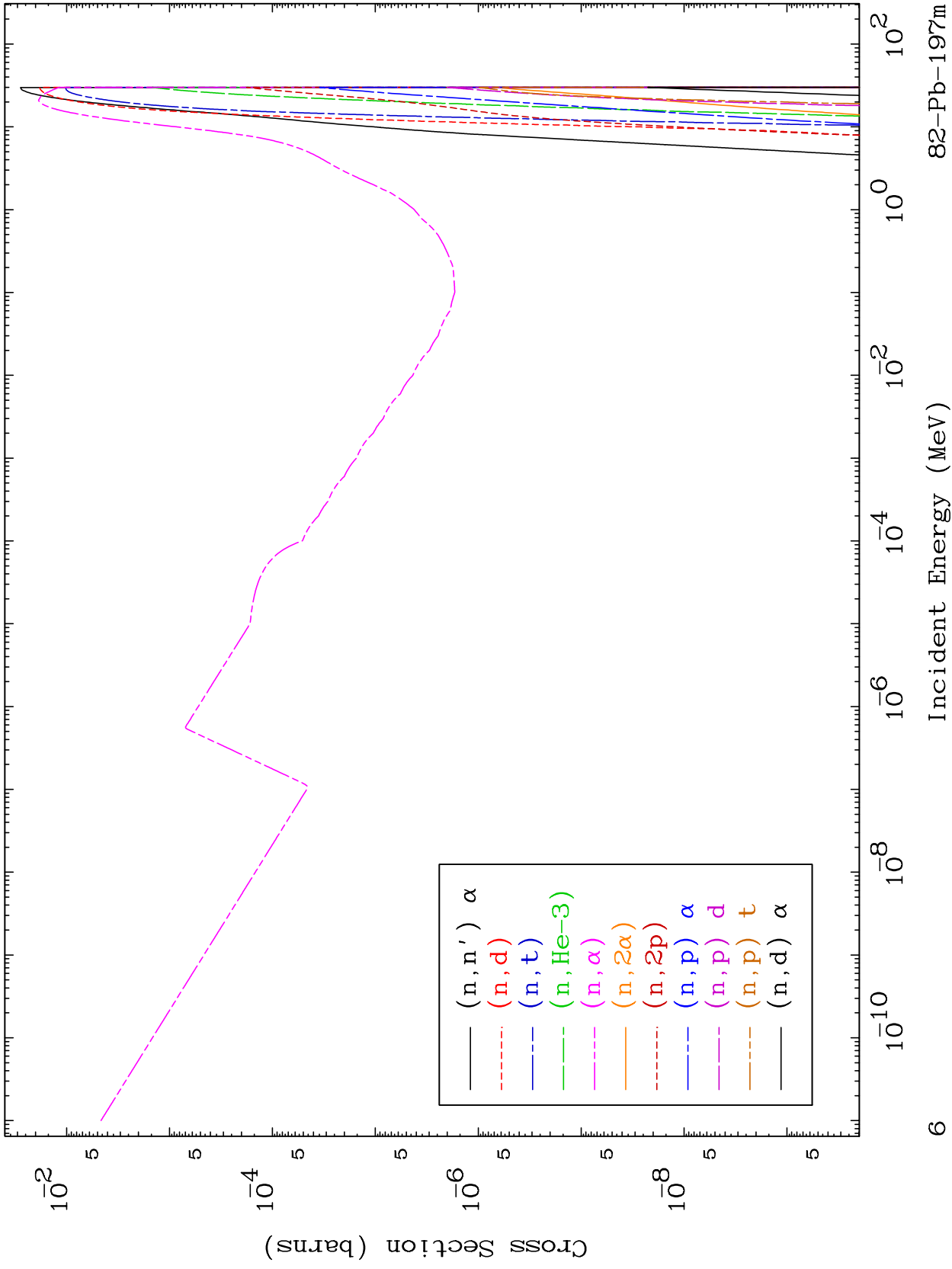
82-Pb-197m



MAT 8205

Charged Particle
293 Kelvin Cross Sections

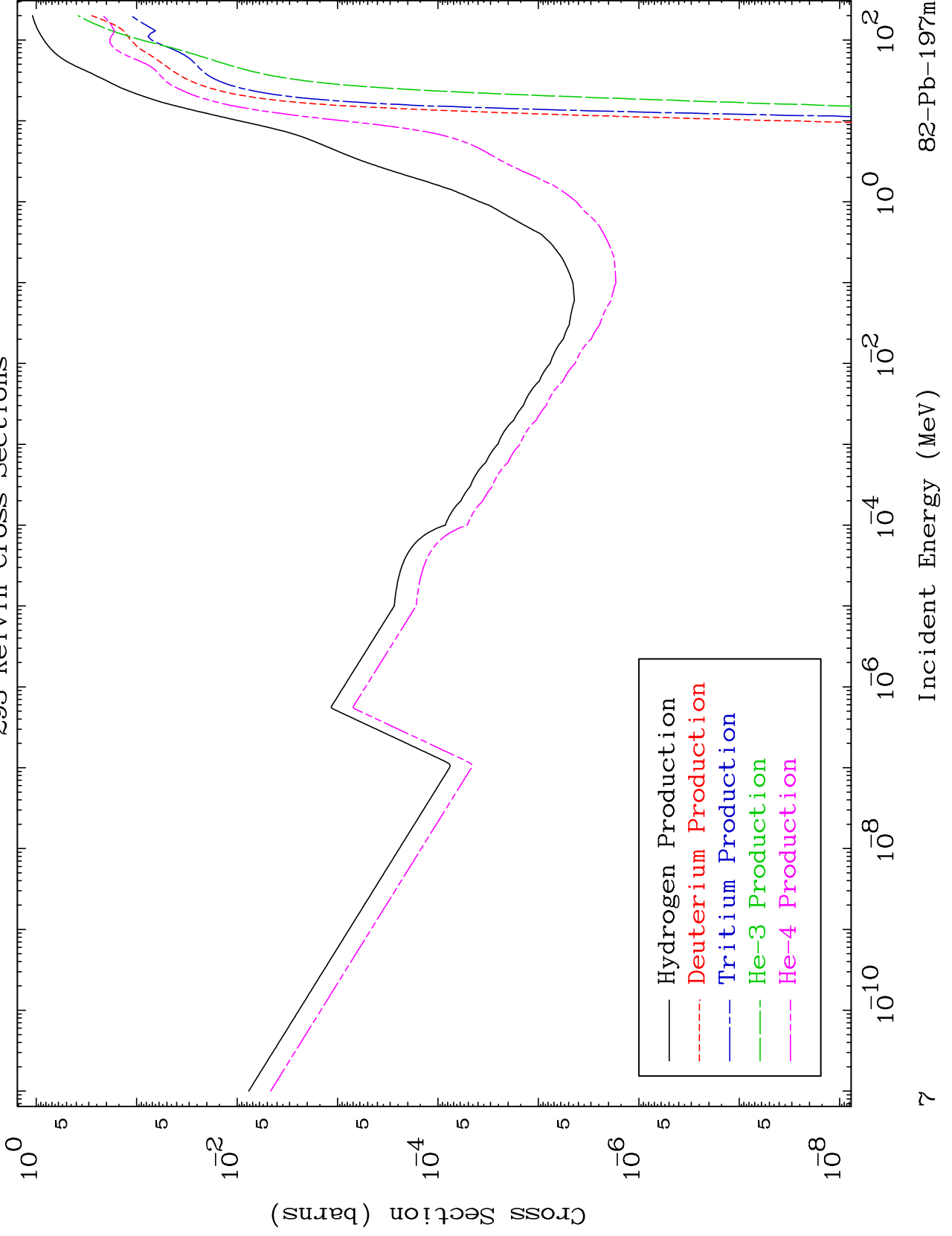
82-Pb-197m

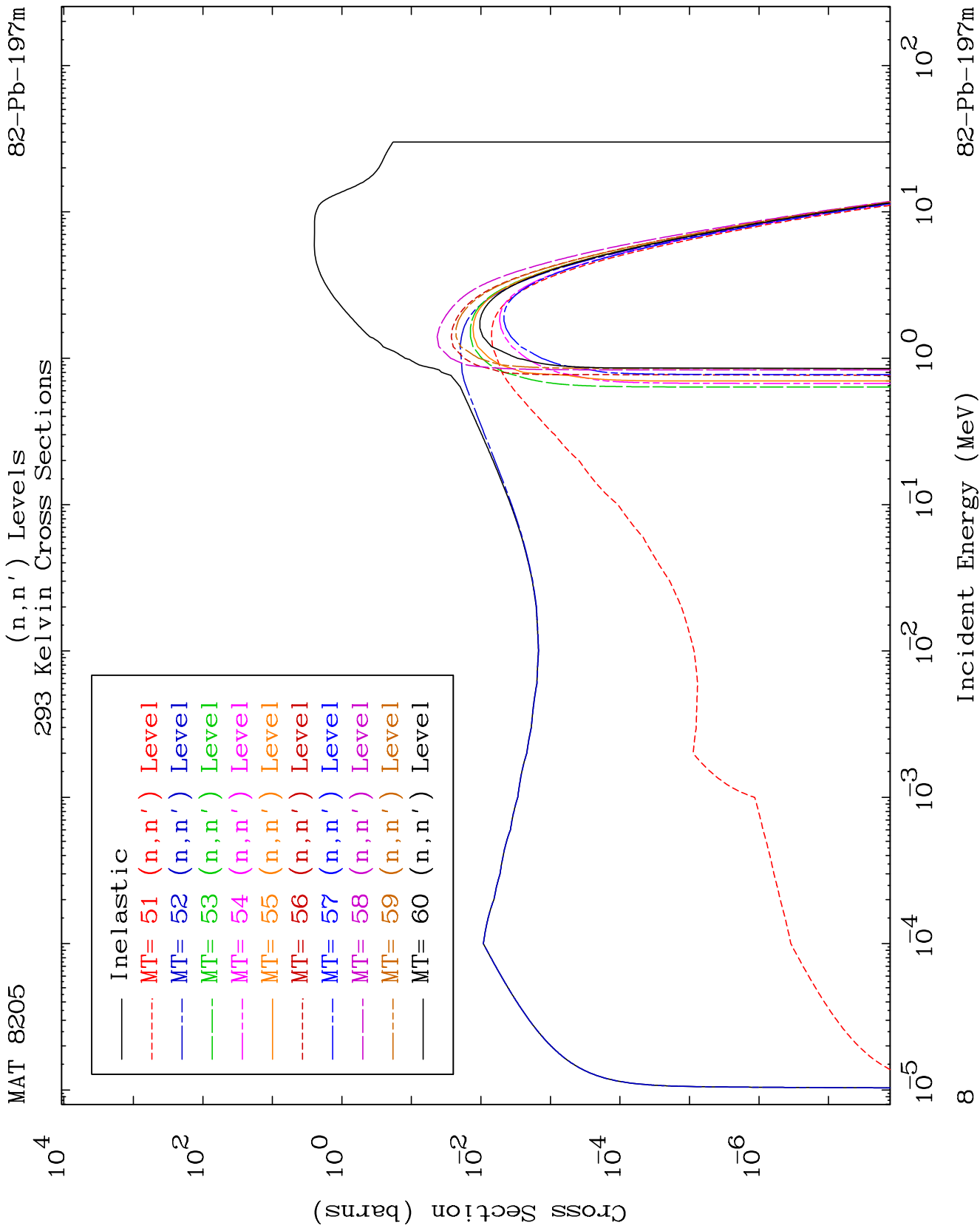


MAT 8205

Particle Production
293 Kelvin Cross Sections

82-Pb-197m

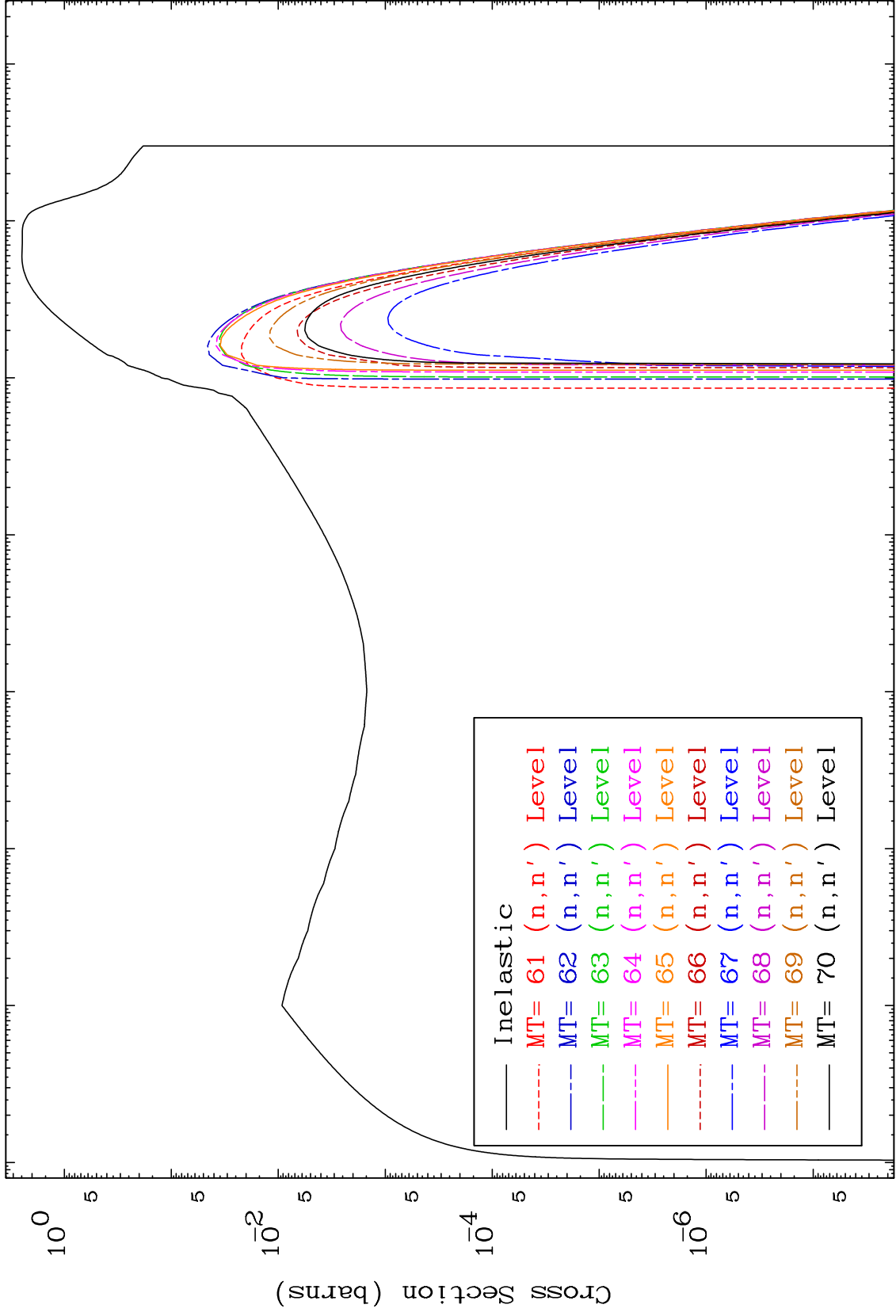




MAT 8205

(n,n') Levels
293 Kelvin Cross Sections

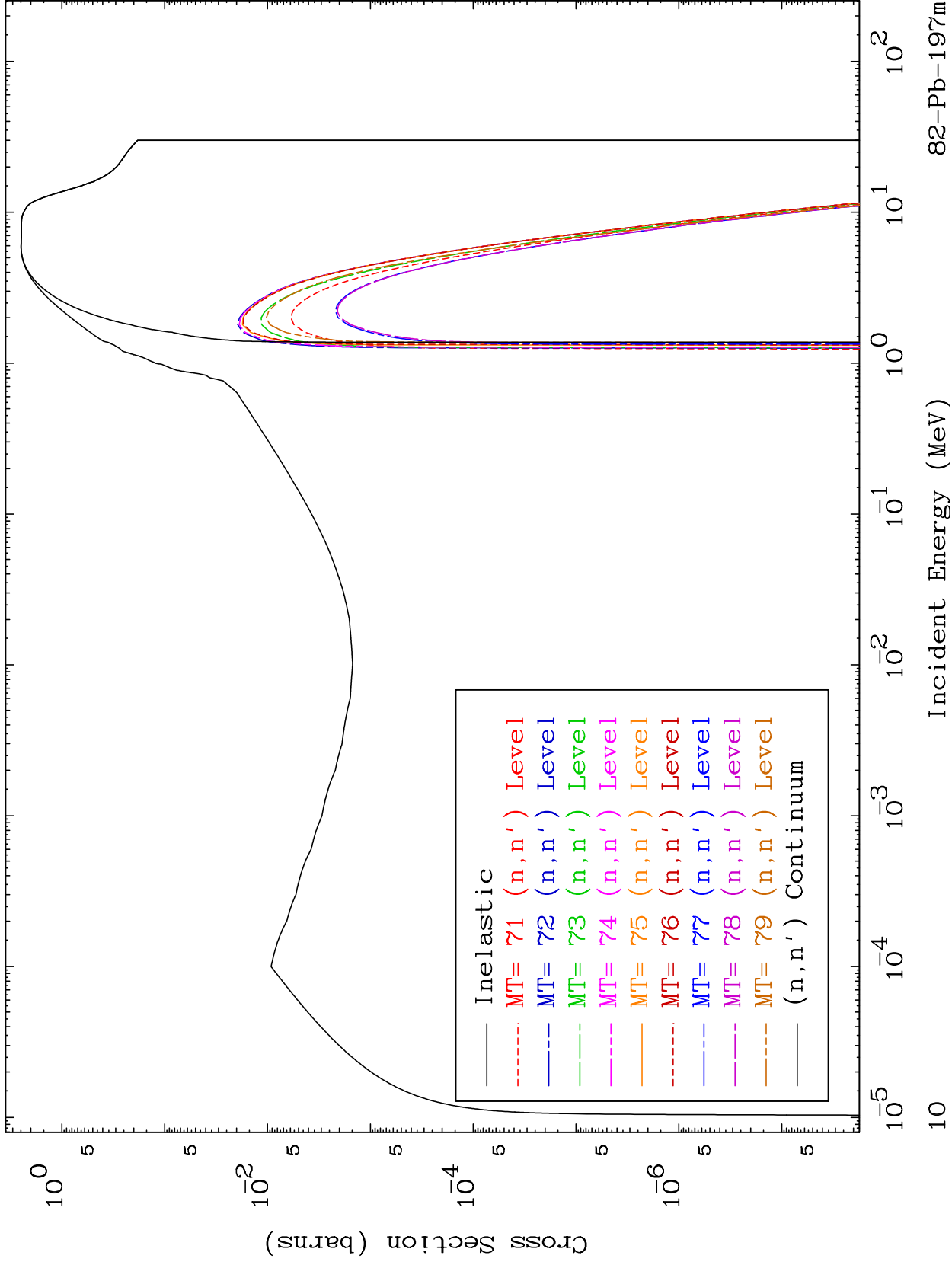
82-Pb-197m



MAT 8205

(n,n') Levels
293 Kelvin Cross Sections

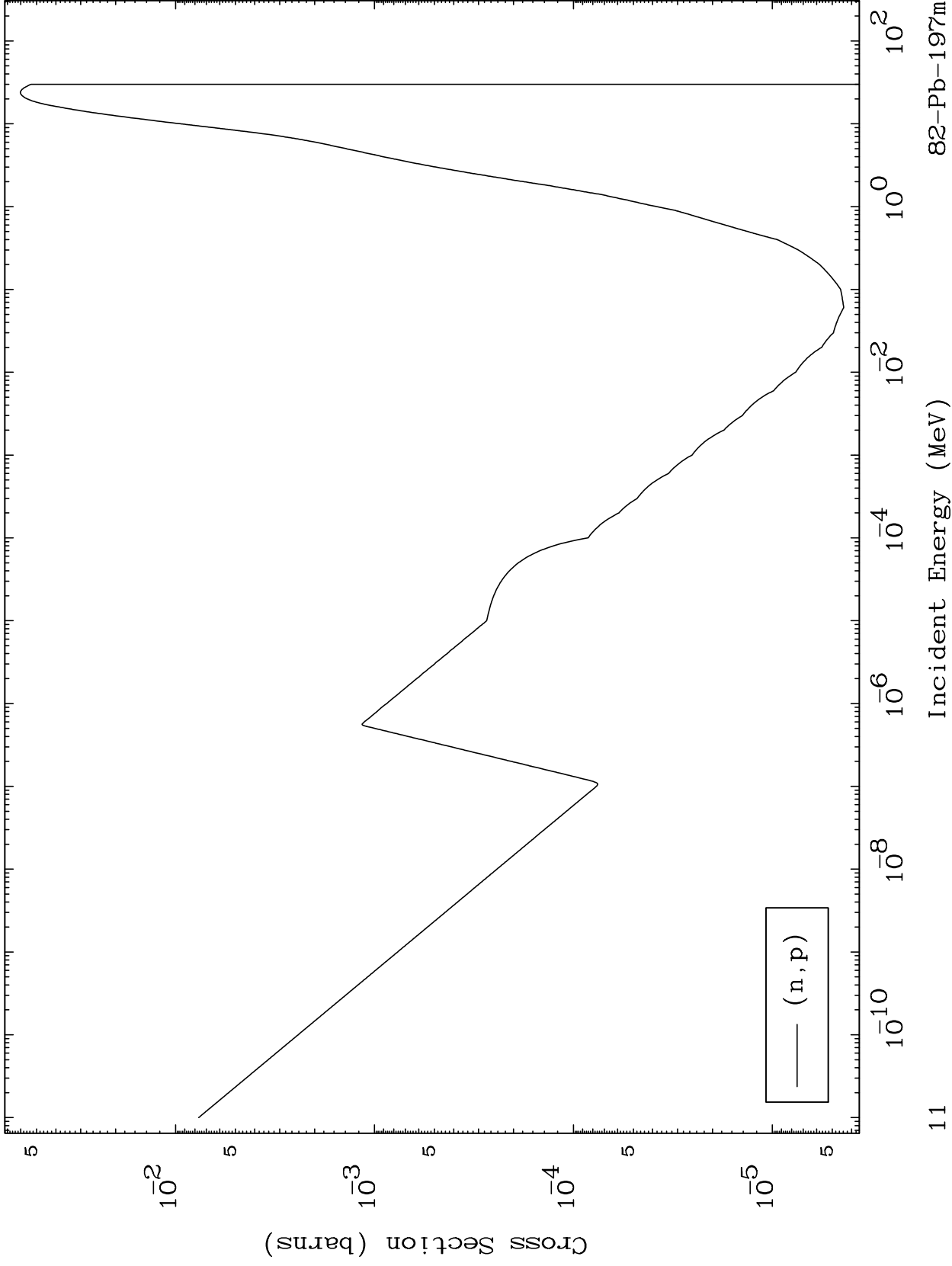
82-Pb-197m



MAT 8205

(n,p) Levels
293 Kelvin Cross Sections

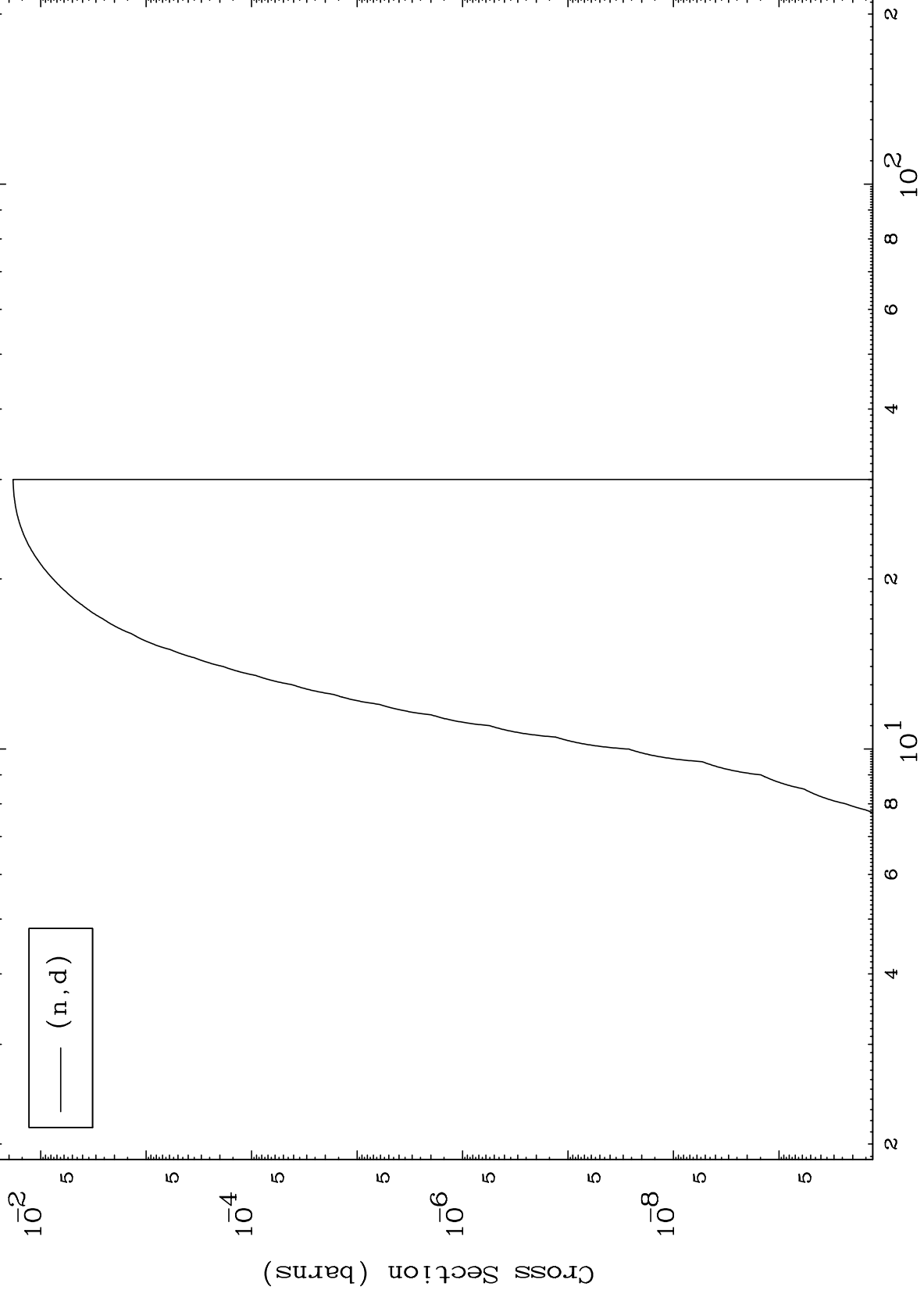
82-Pb-197m



MAT 8205

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-197m



12

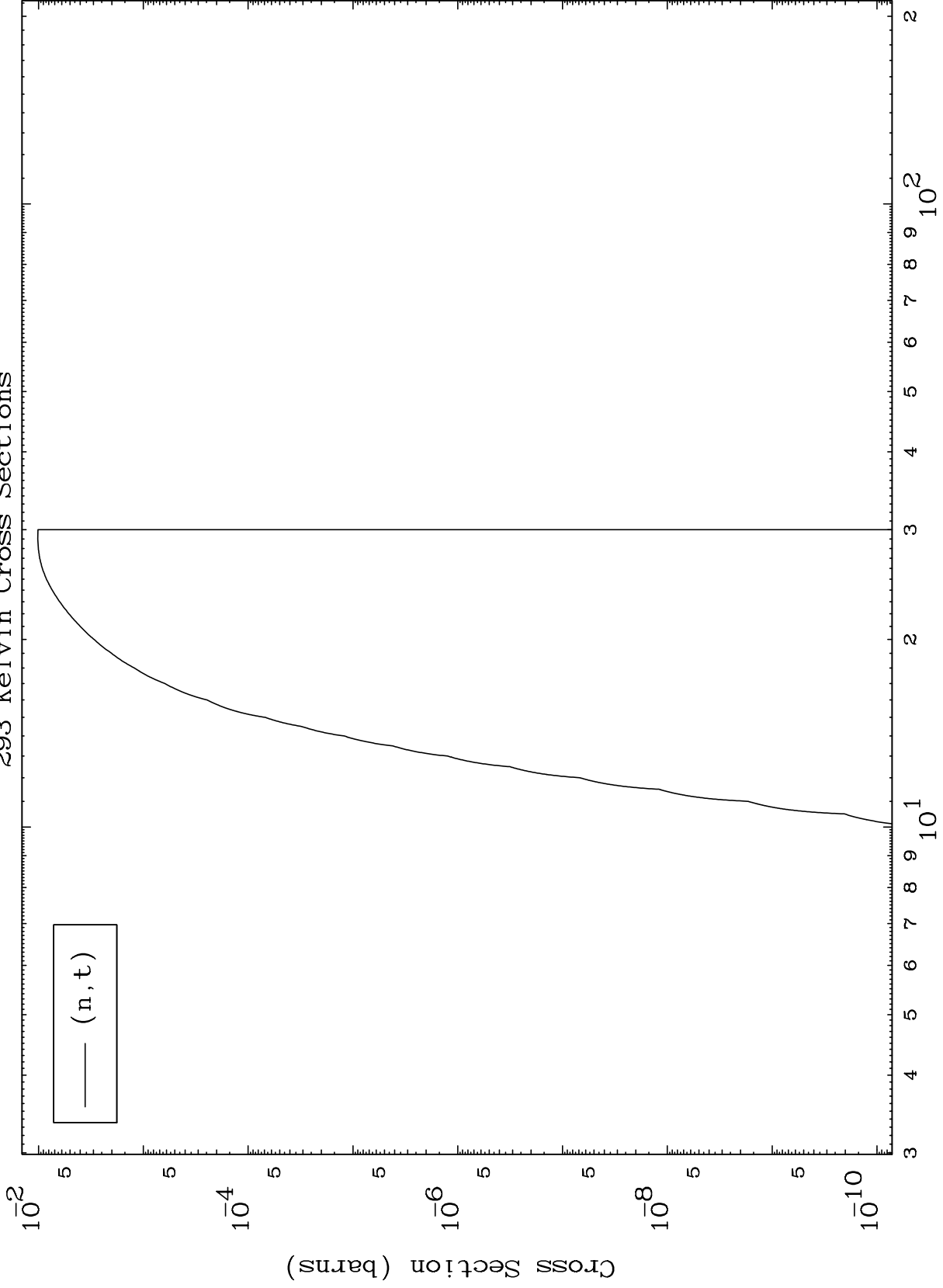
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(n,t) Levels
293 Kelvin Cross Sections

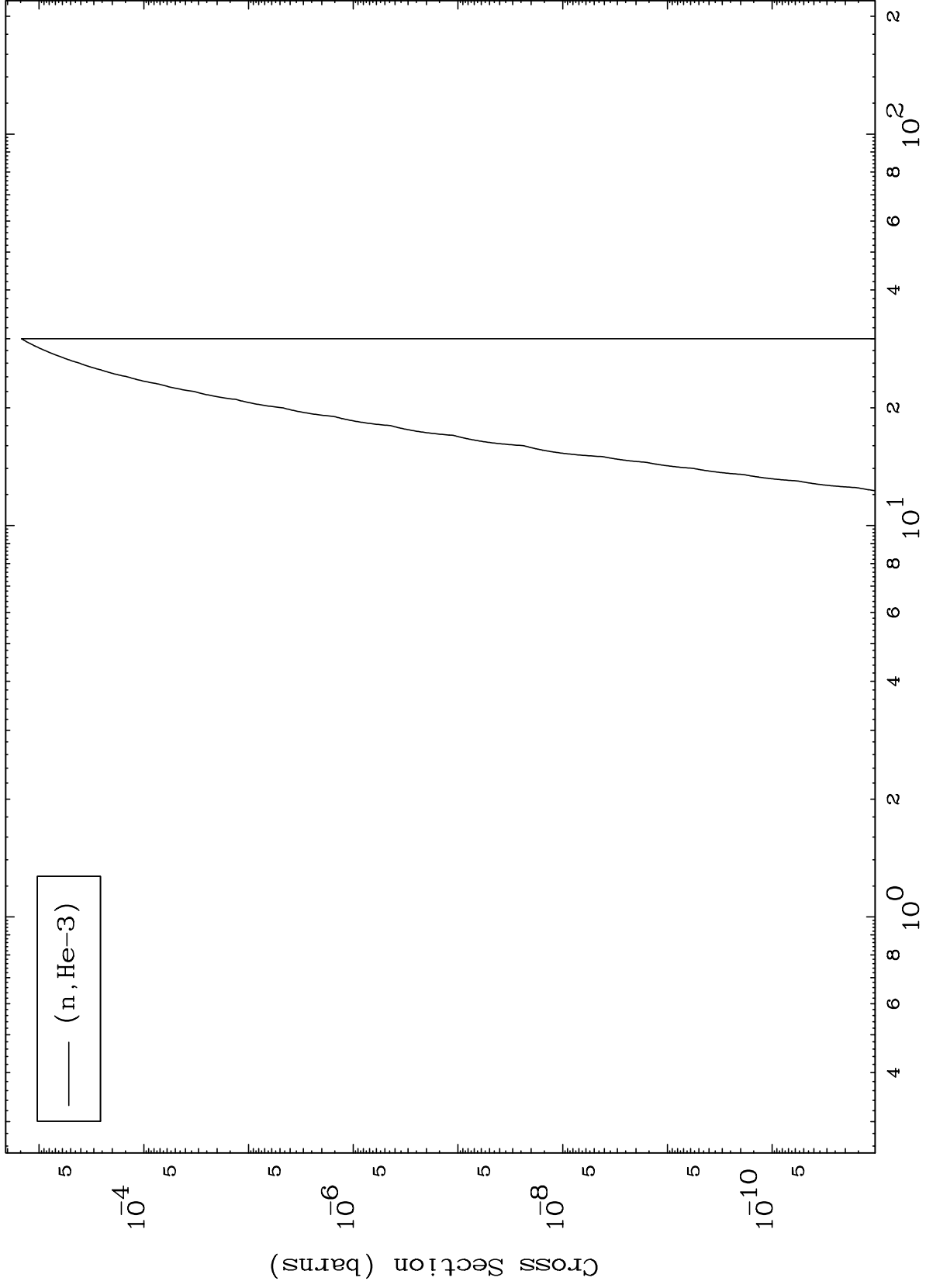
82-Pb-197m



MAT 8205

(n,He3) Levels
293 Kelvin Cross Sections

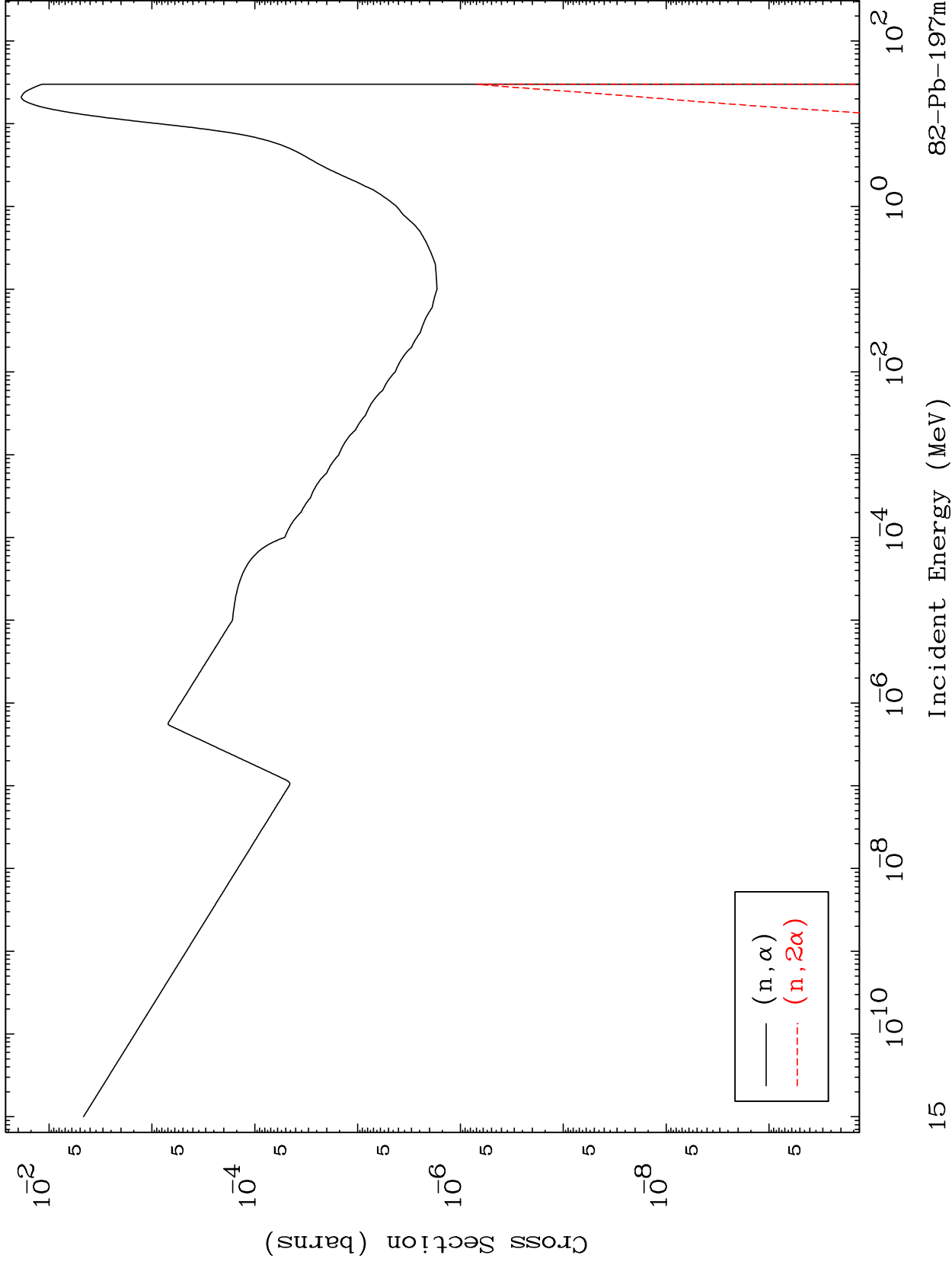
82-Pb-197m

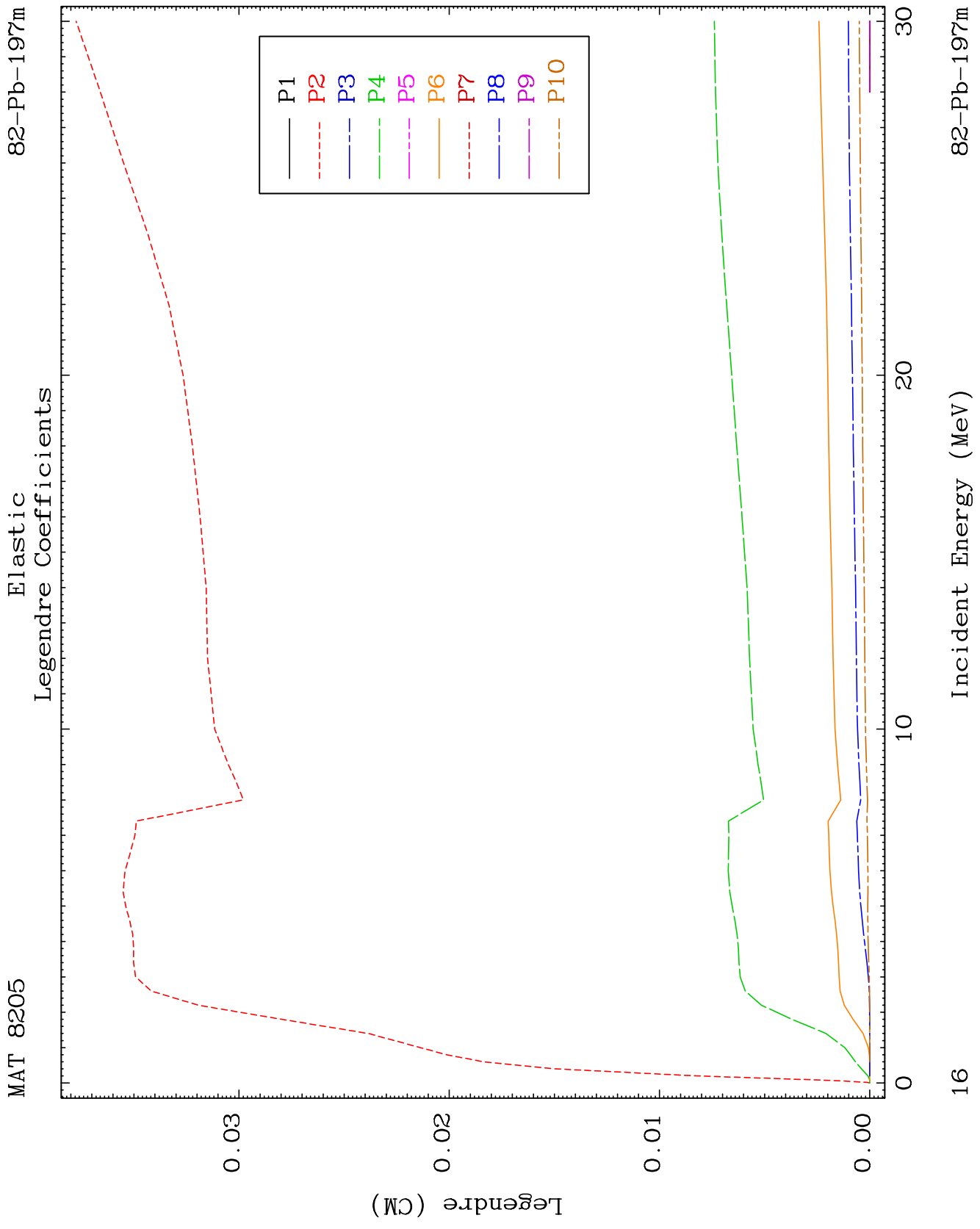


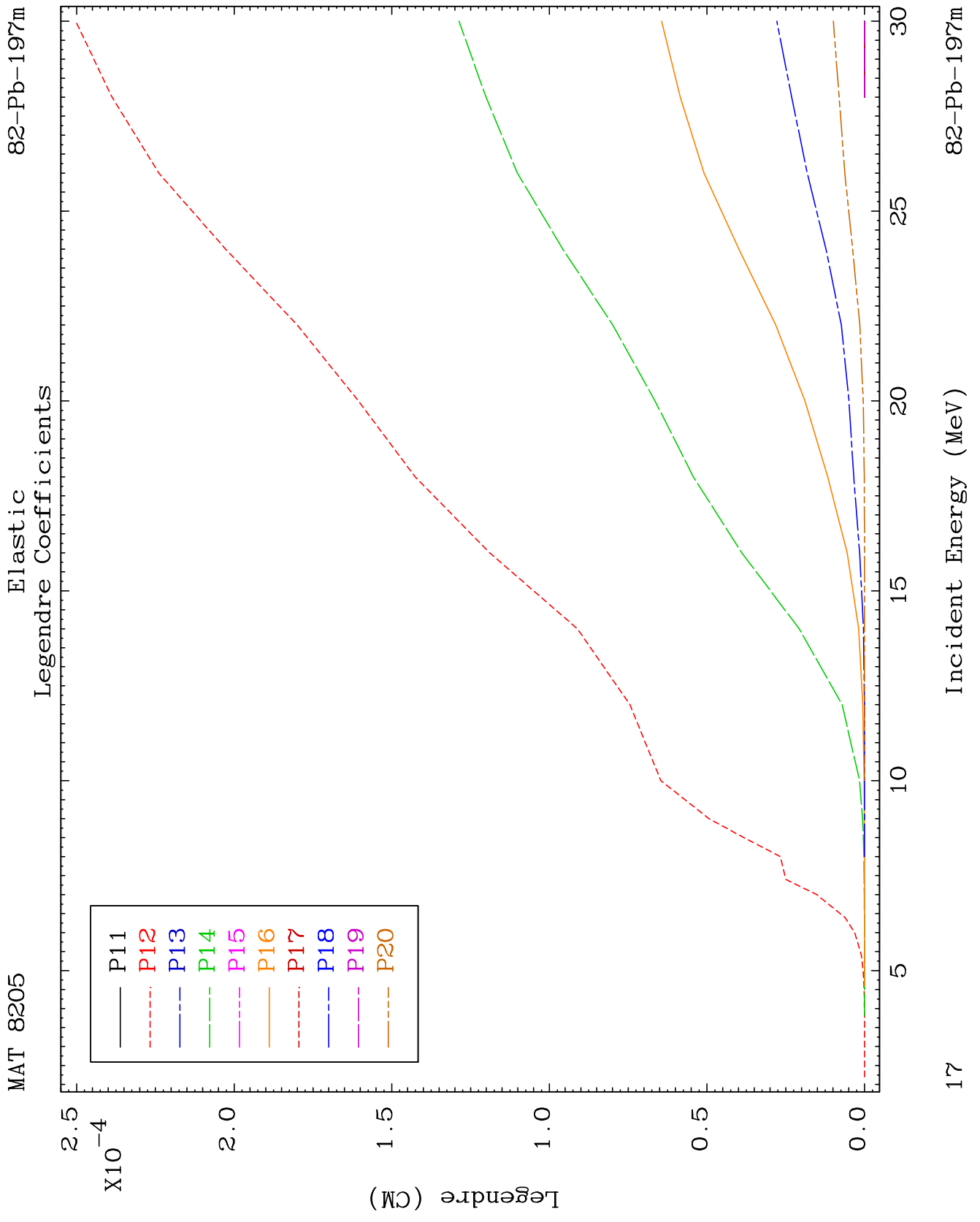
MAT 8205

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-197m



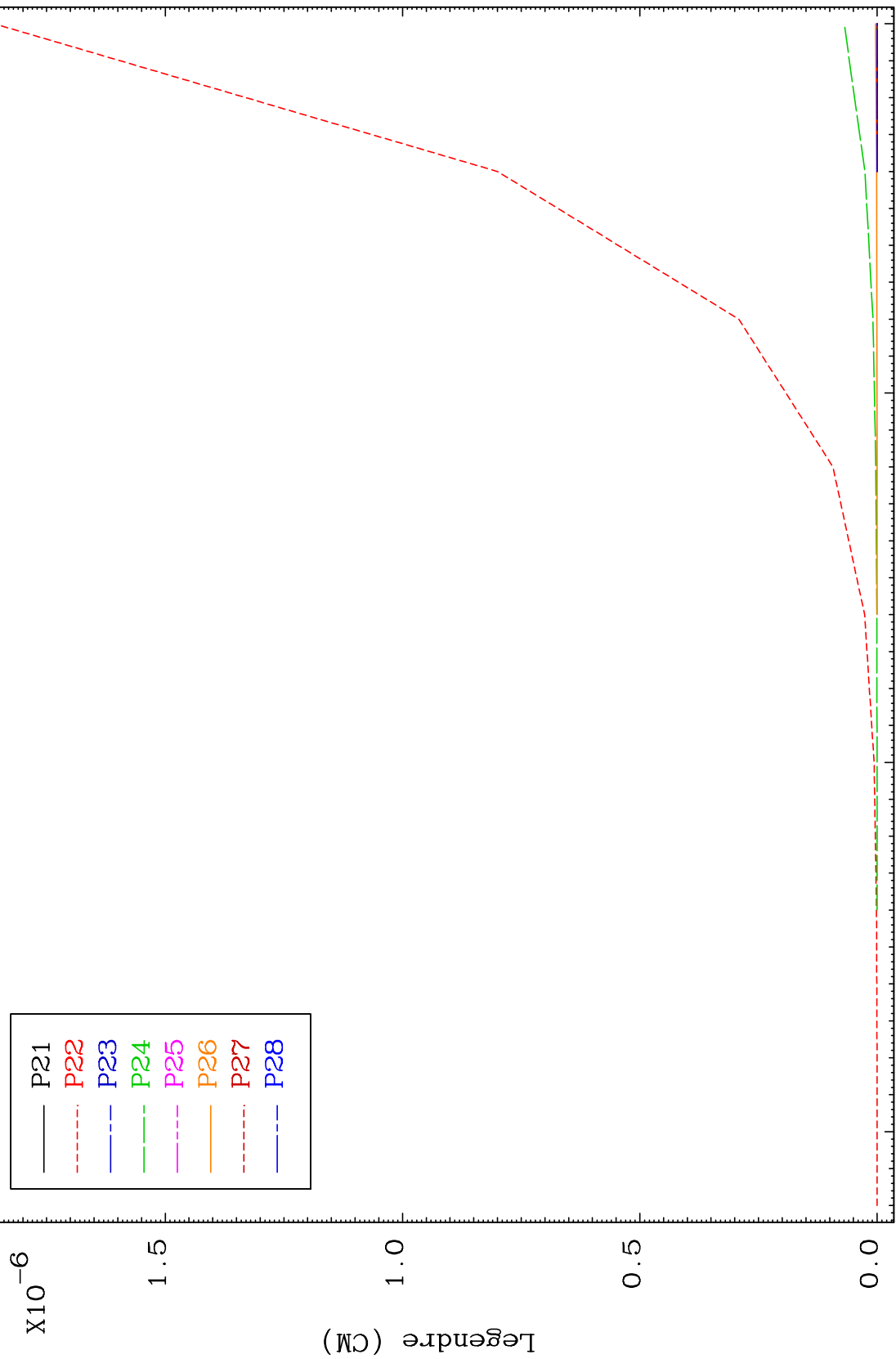
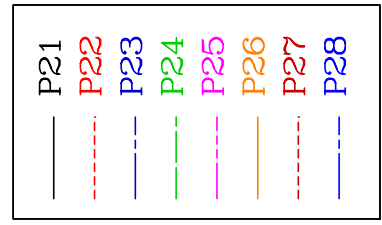




MAT 8205

Elastic
Legendre Coefficients

82-Pb-197m



18

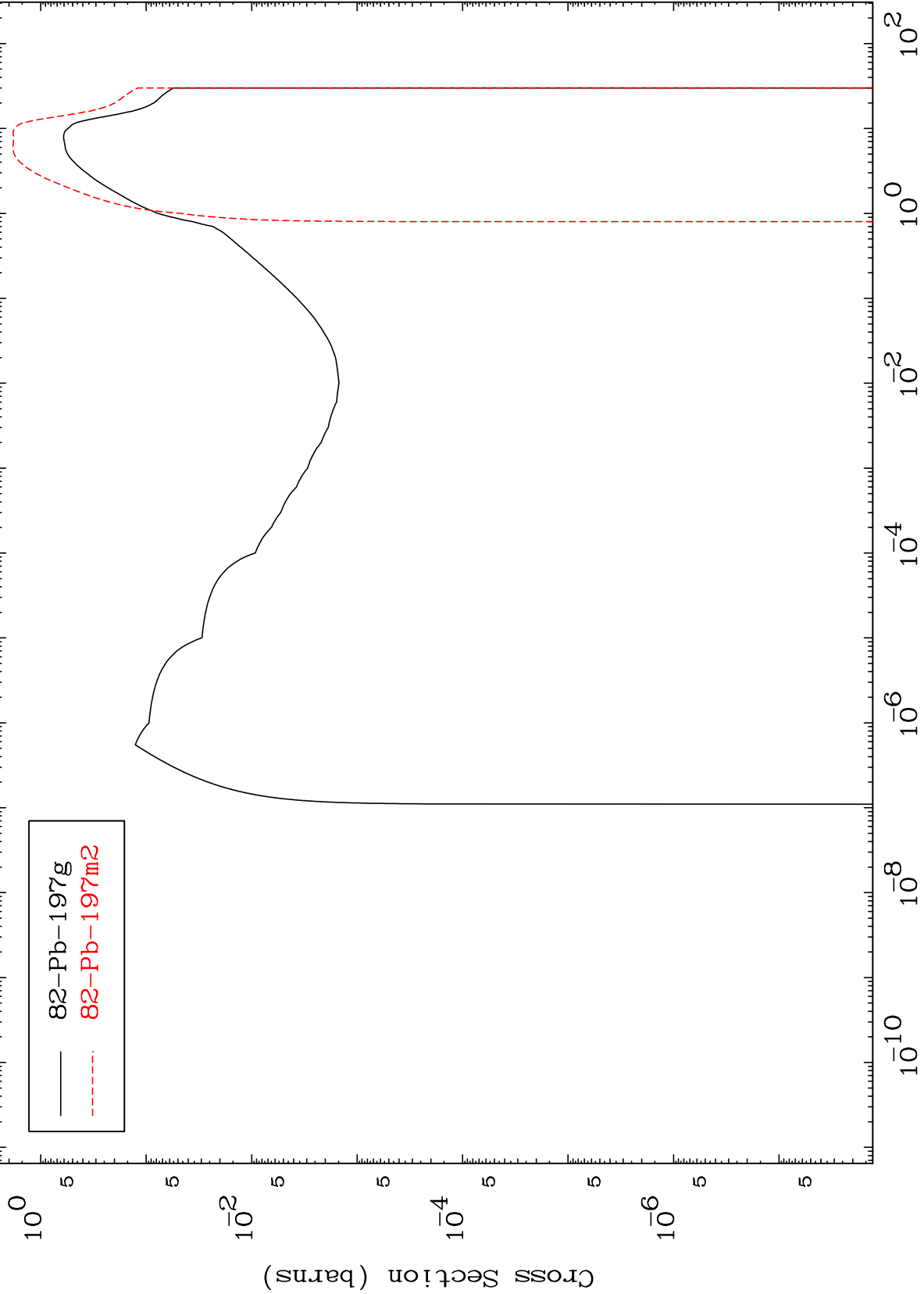
Incident Energy (MeV)

82-Pb-197m

MAT 8205

Radionuclide Production Cross Section

82-Pb-197m



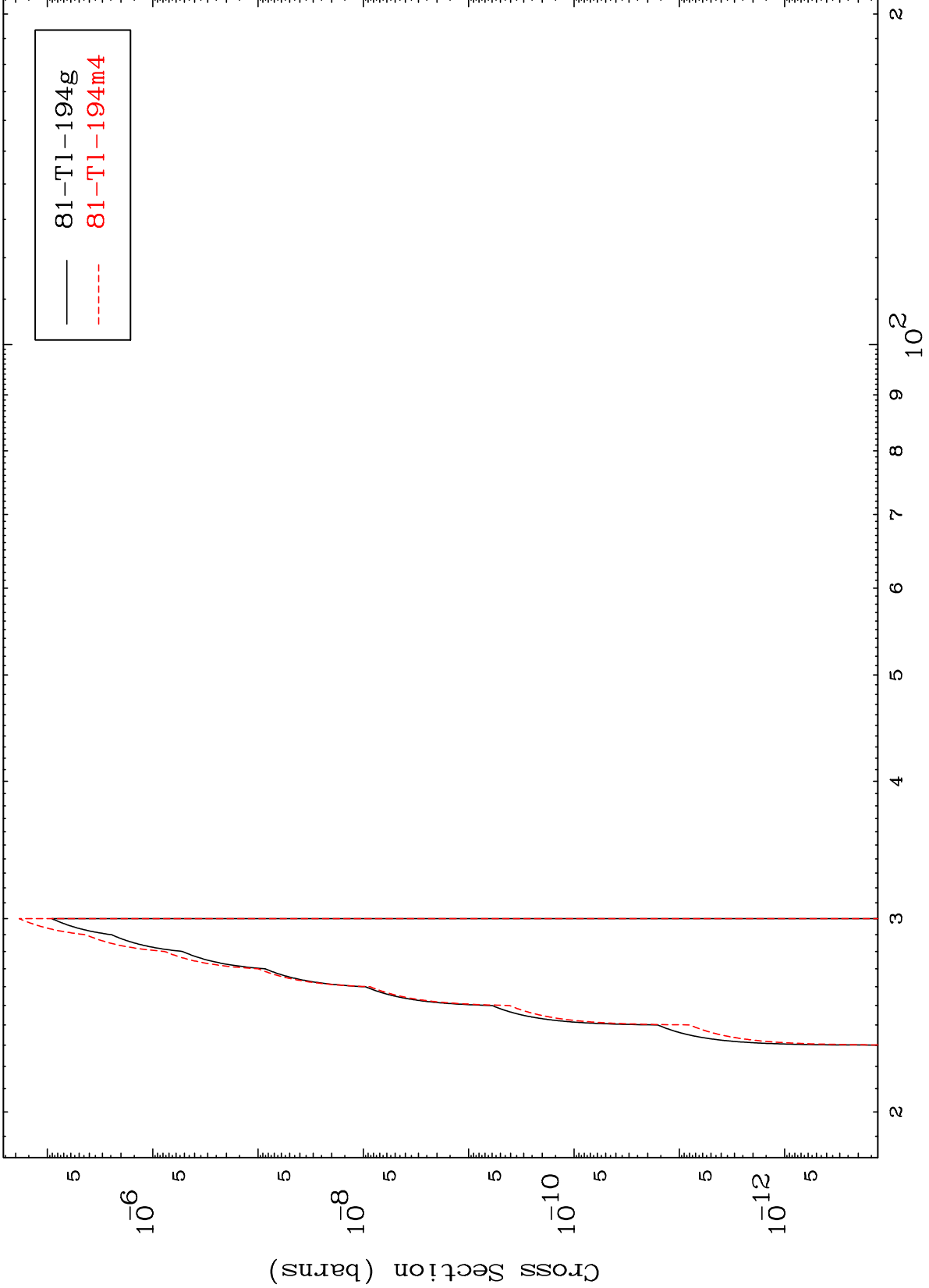
82-Pb-197g
82-Pb-197m

MAT 8205

(n,2n) d

82-Pb-197m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

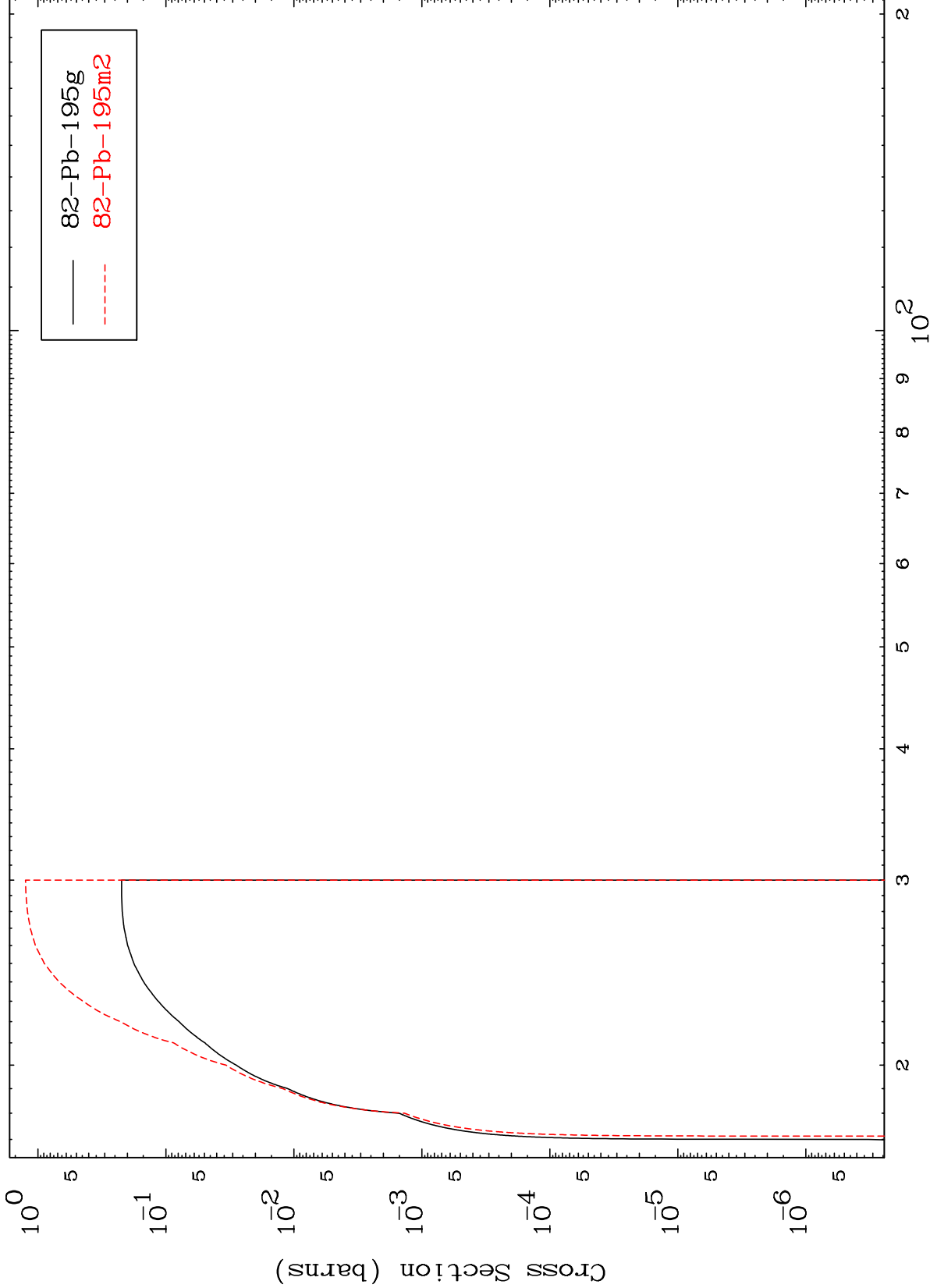
82-Pb-197m

MAT 8205

(n,3n)

82-Pb-197m

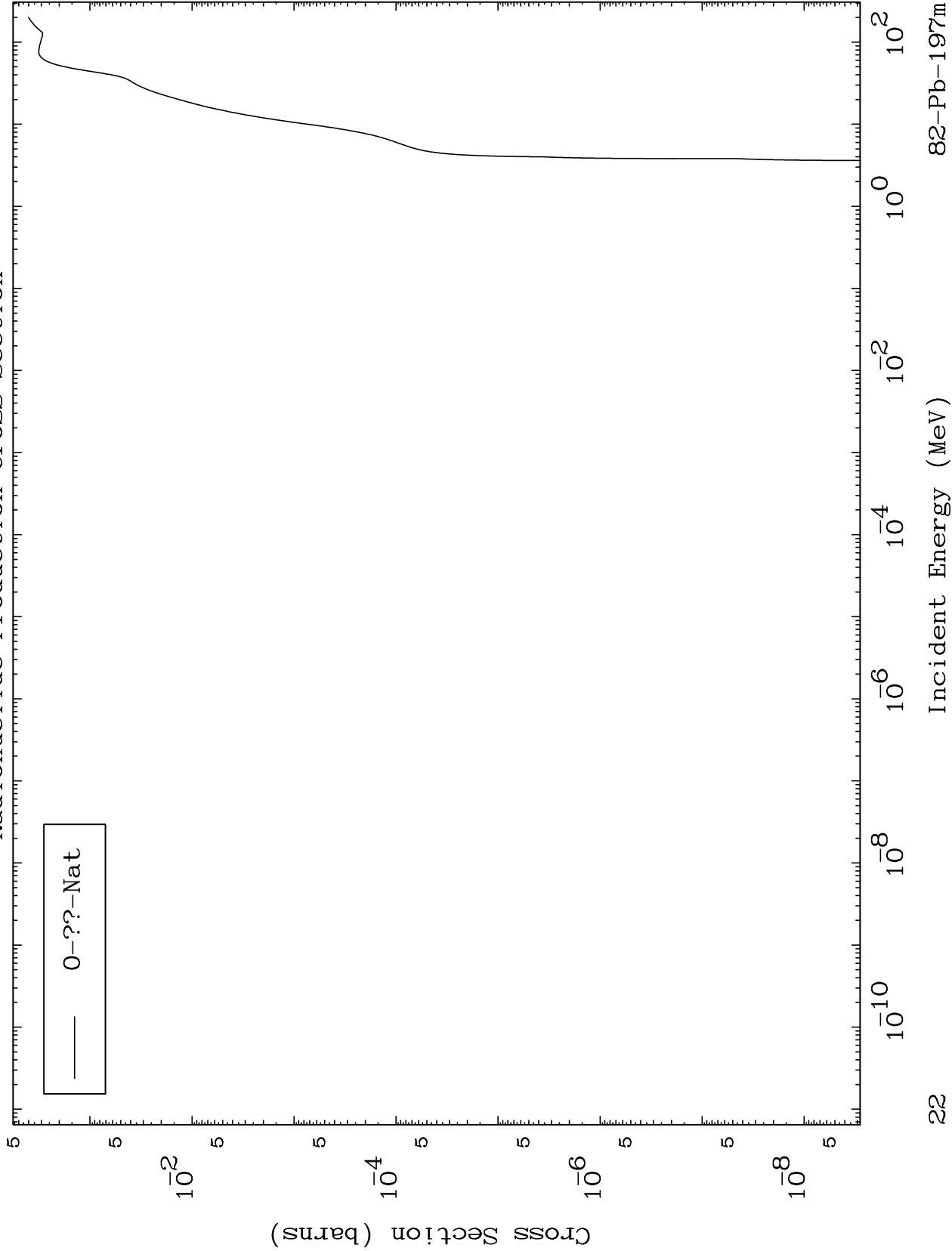
Radionuclide Production Cross Section



MAT 8205

Fission
Radionuclide Production Cross Section

82-Pb-197m

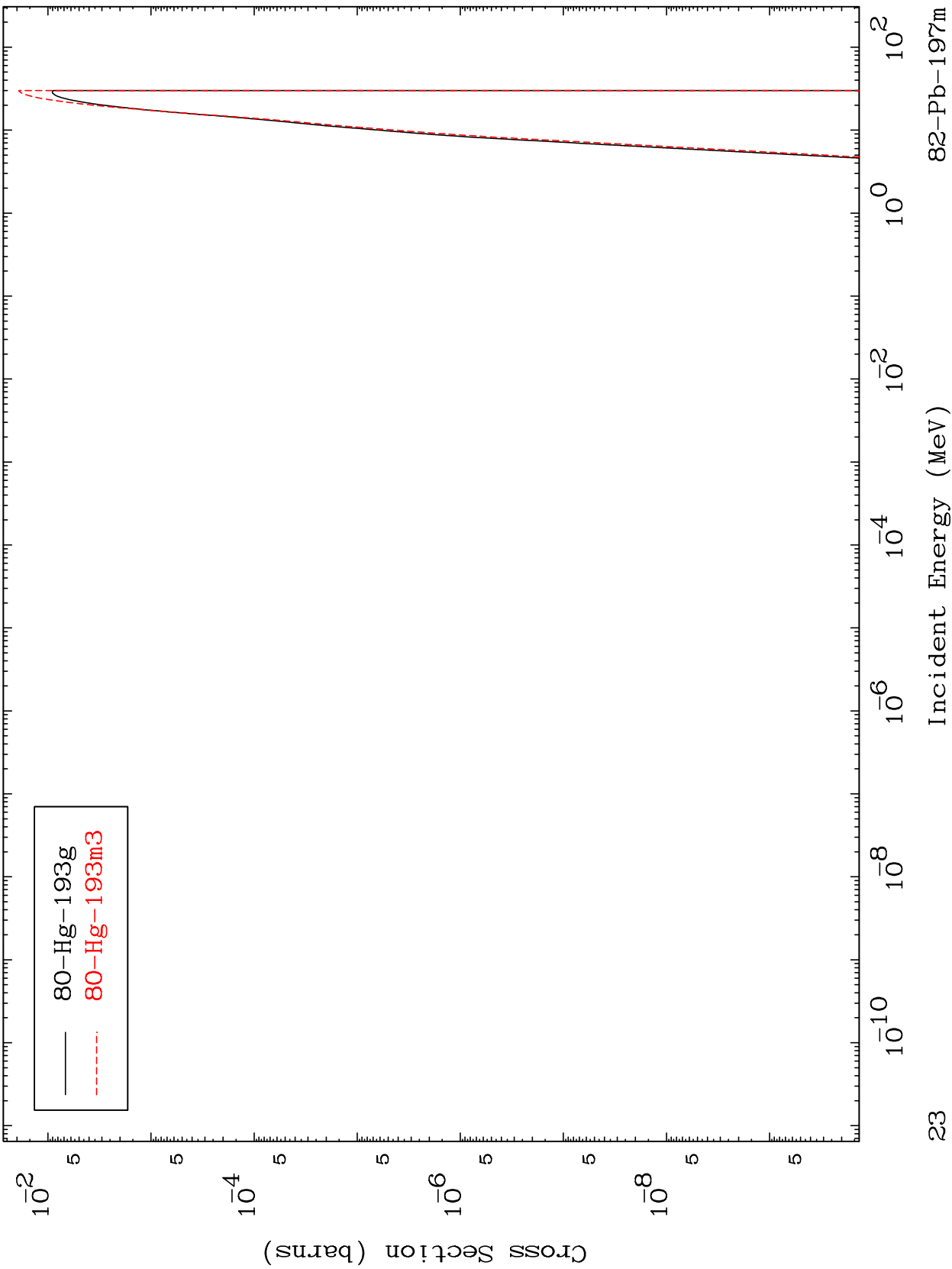


MAT 8205

$(n, n') \alpha$

82-Pb-197m

Radionuclide Production Cross Section

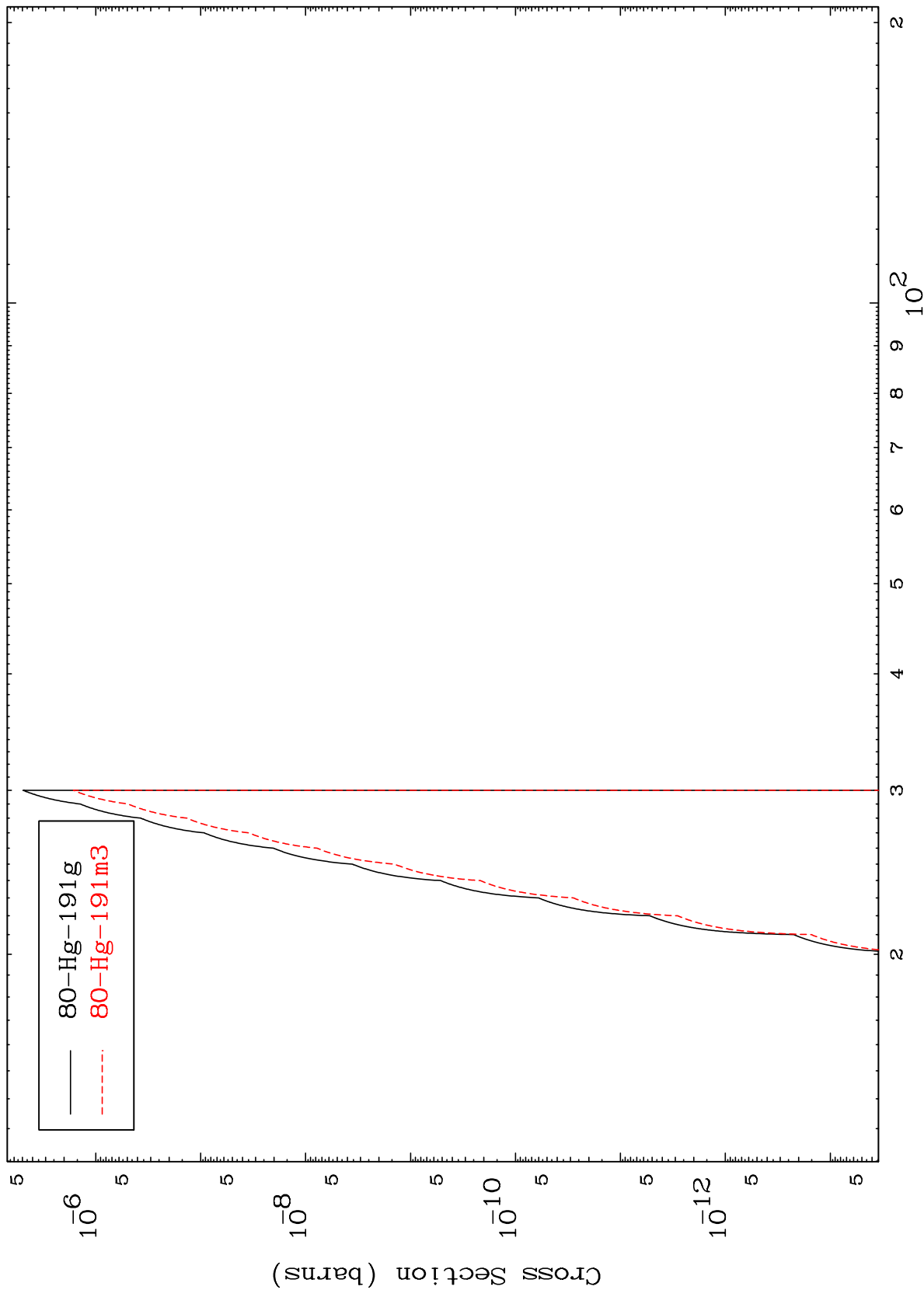


MAT 8205

(n,3n) α

82-Pb-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-197m

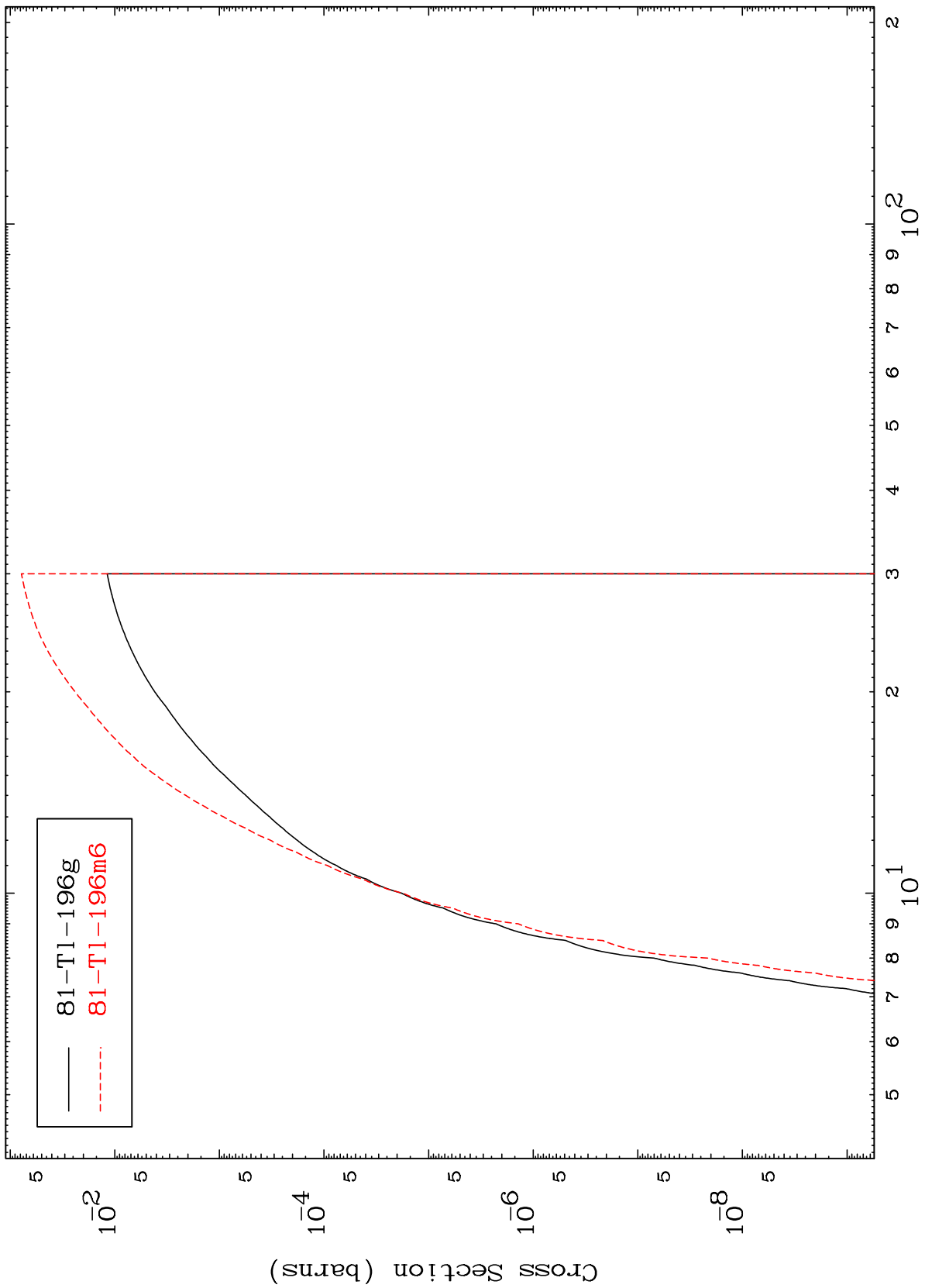
24

MAT 8205

(n,n') p

82-Pb-197m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

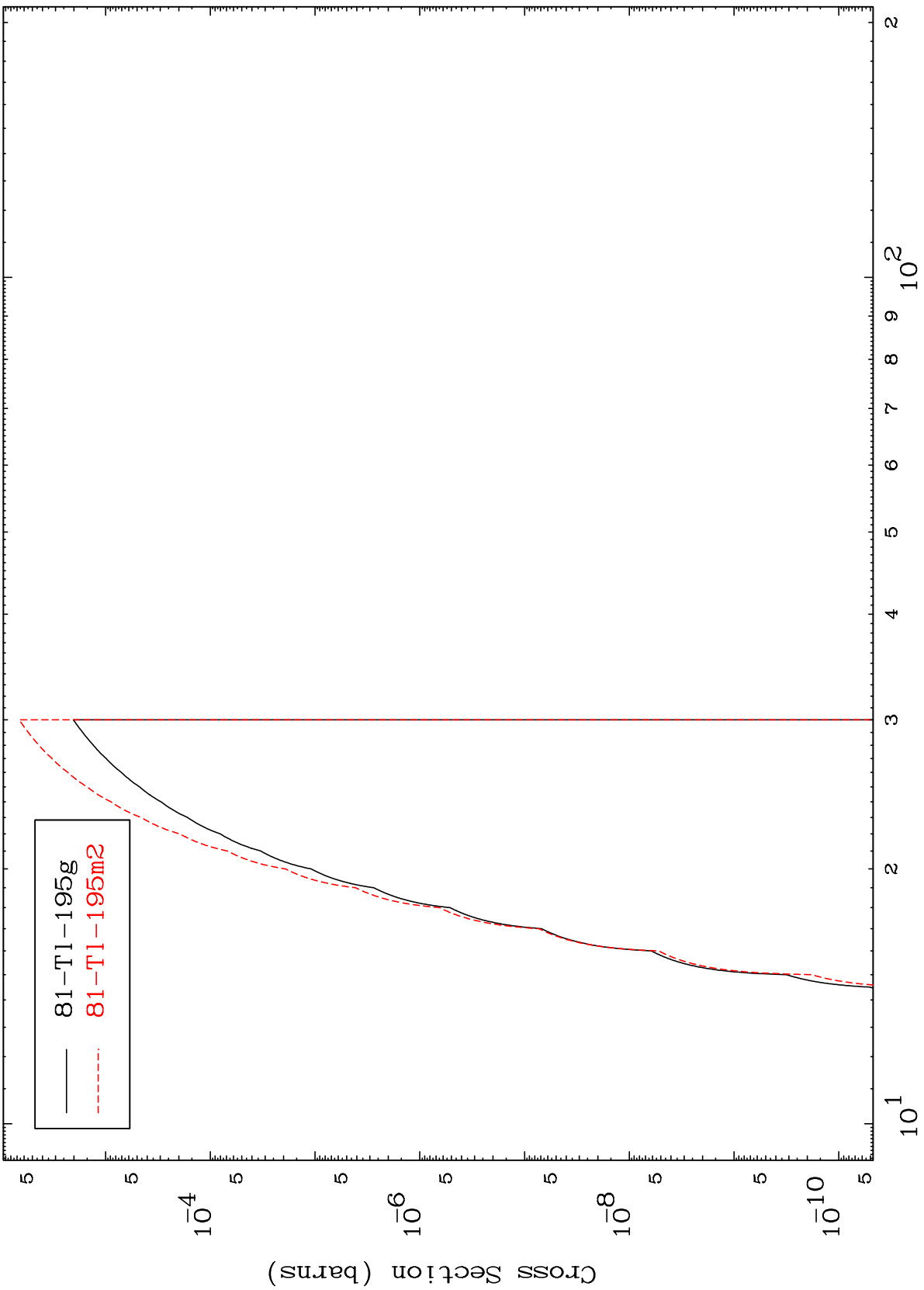
82-Pb-197m

MAT 8205

(n,n') d

82-Pb-197m

Radionuclide Production Cross Section

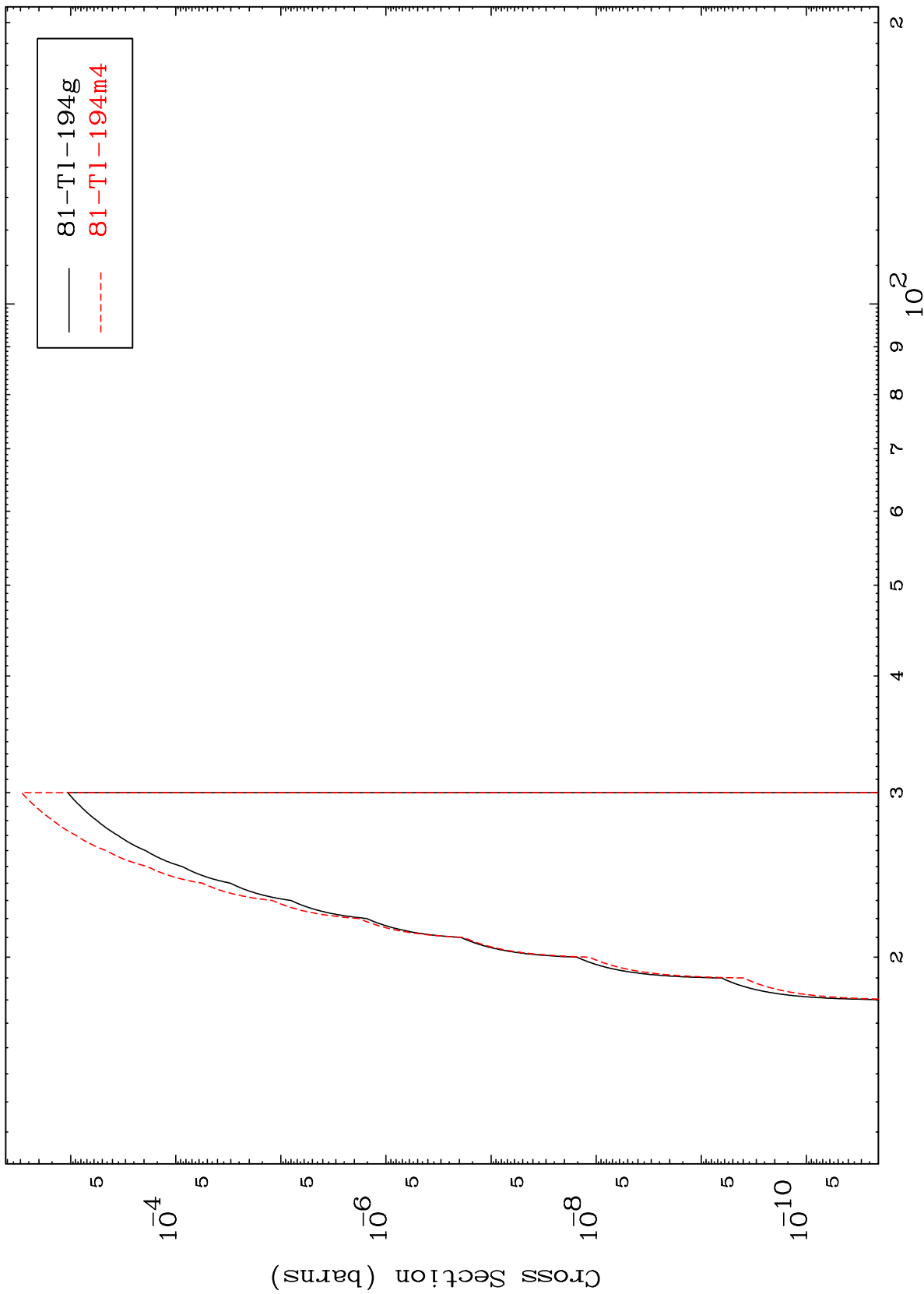


26

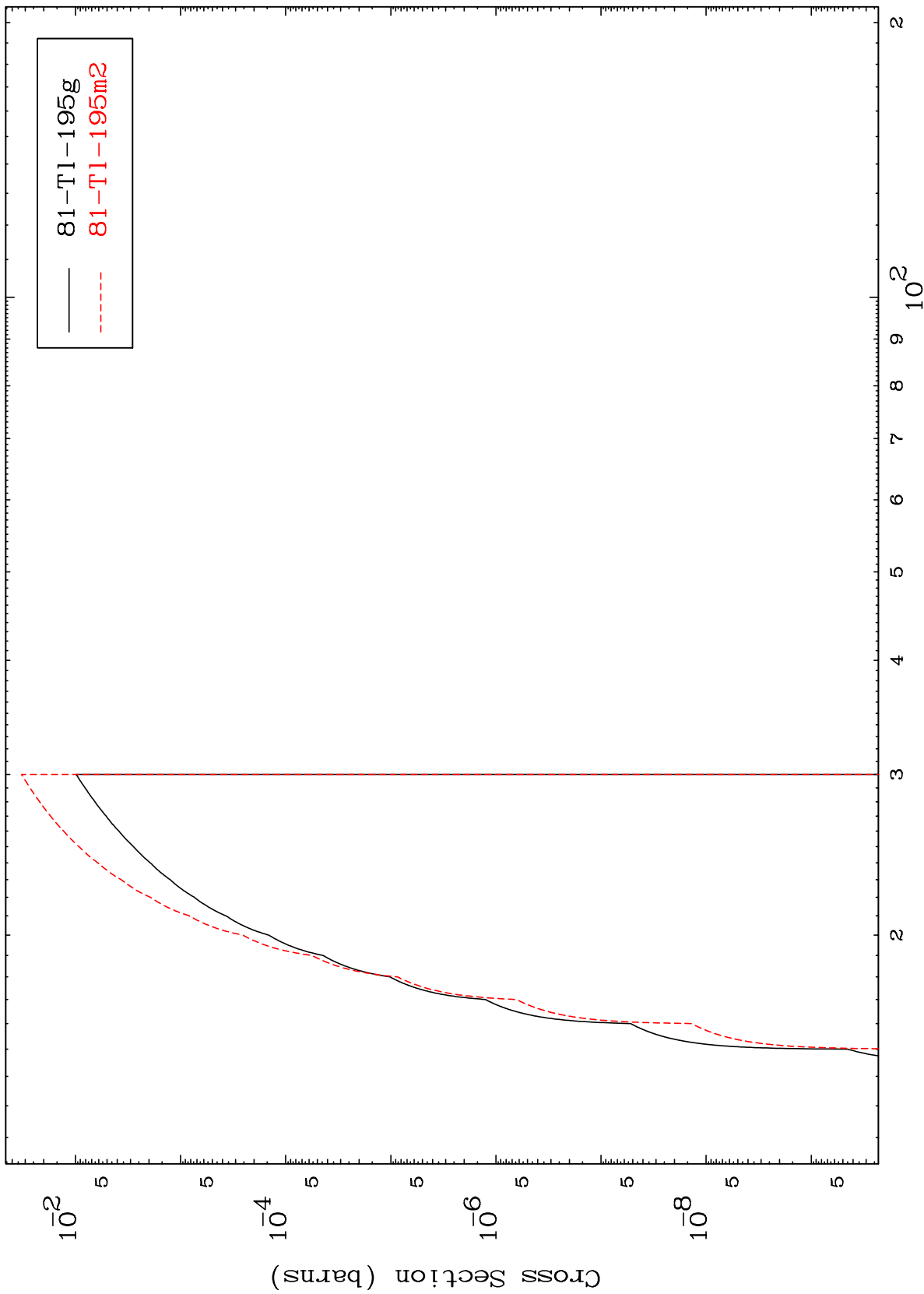
Incident Energy (MeV)

82-Pb-197m

Radionuclide Production Cross Section



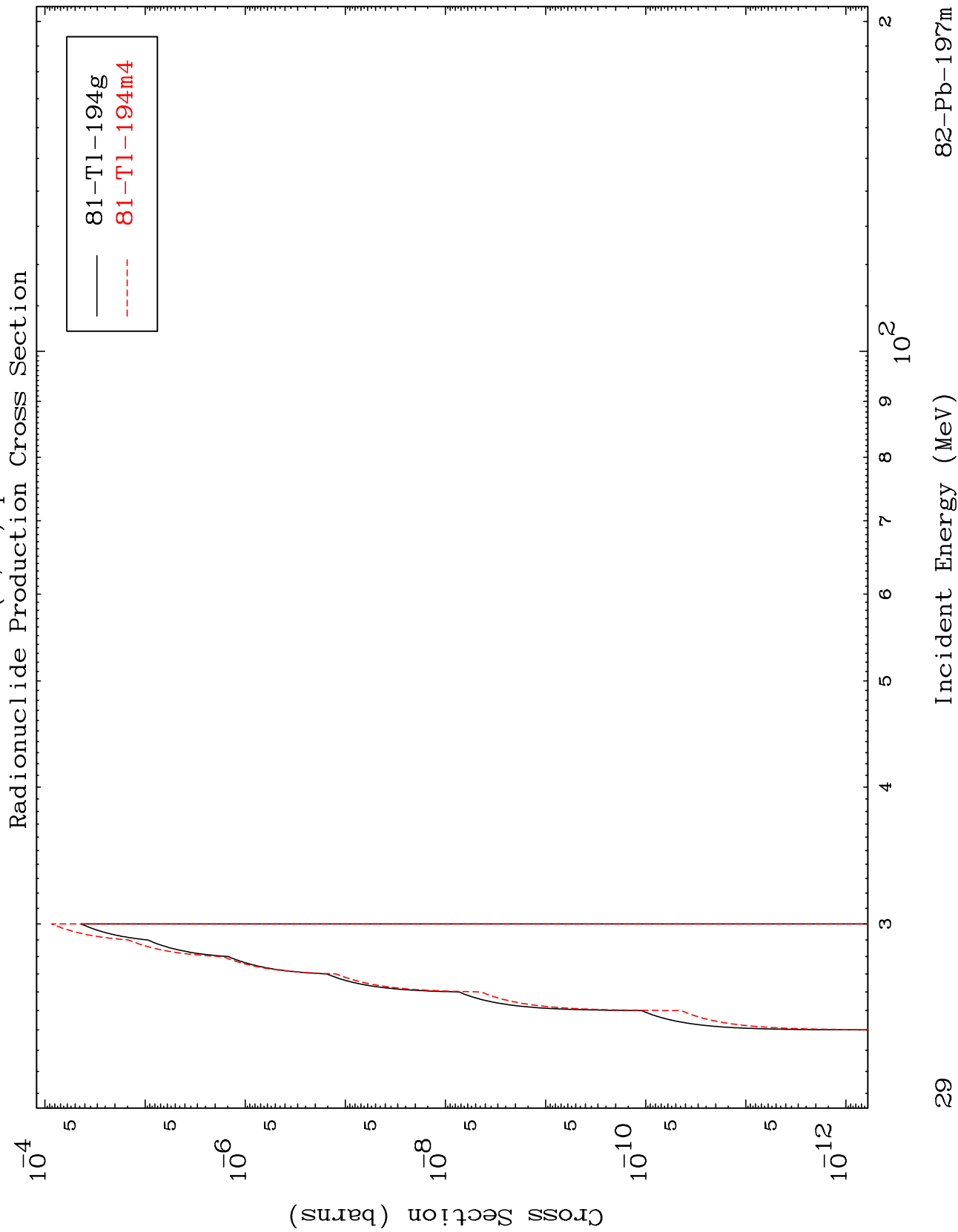
Radionuclide Production Cross Section



MAT 8205

(n,3n) p

82-Pb-197m



29

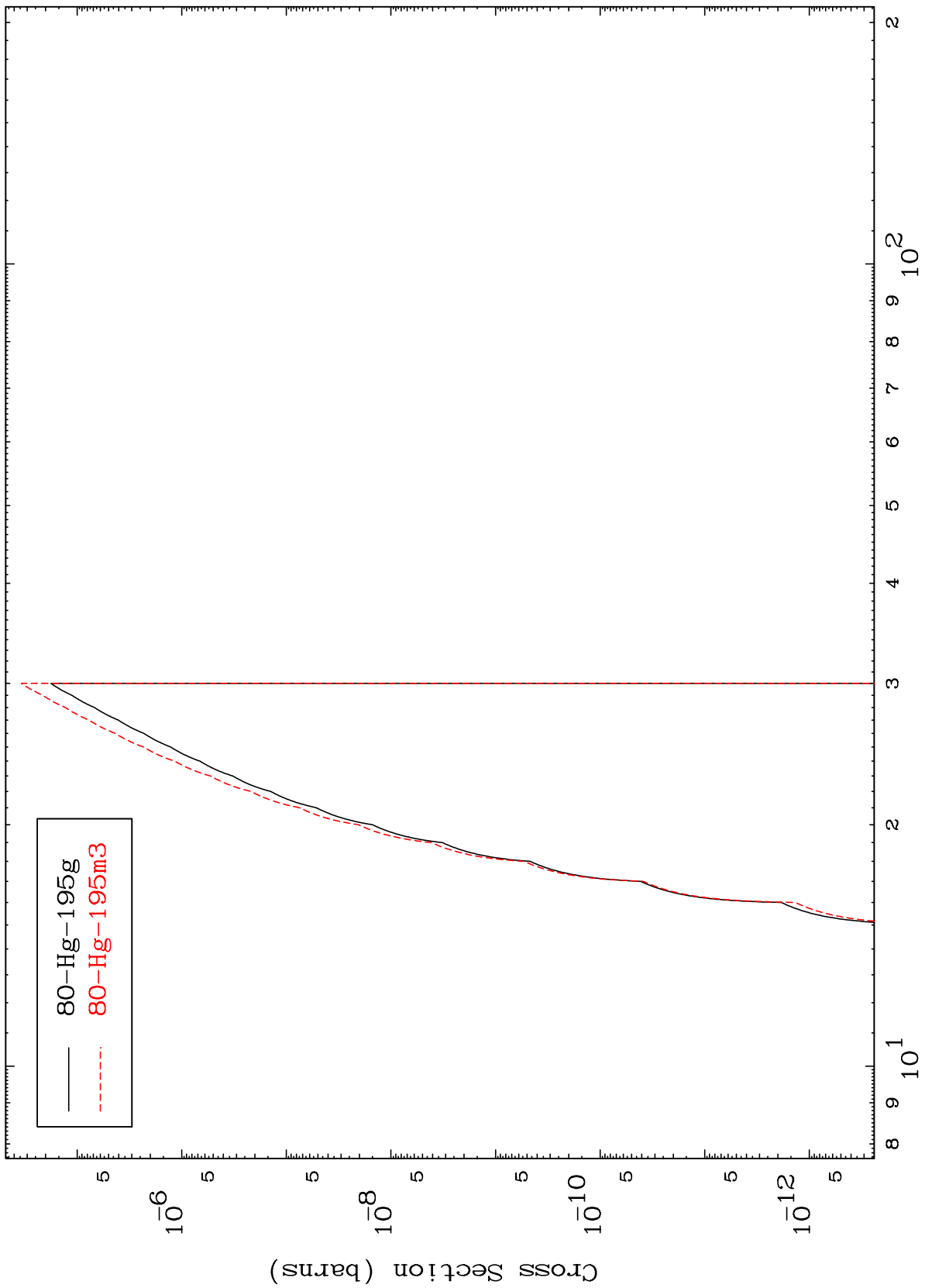
82-Pb-197m

MAT 8205

(n,2n) p

82-Pb-197m

Radionuclide Production Cross Section



80-Hg-195g
80-Hg-195m3

Incident Energy (MeV)

82-Pb-197m

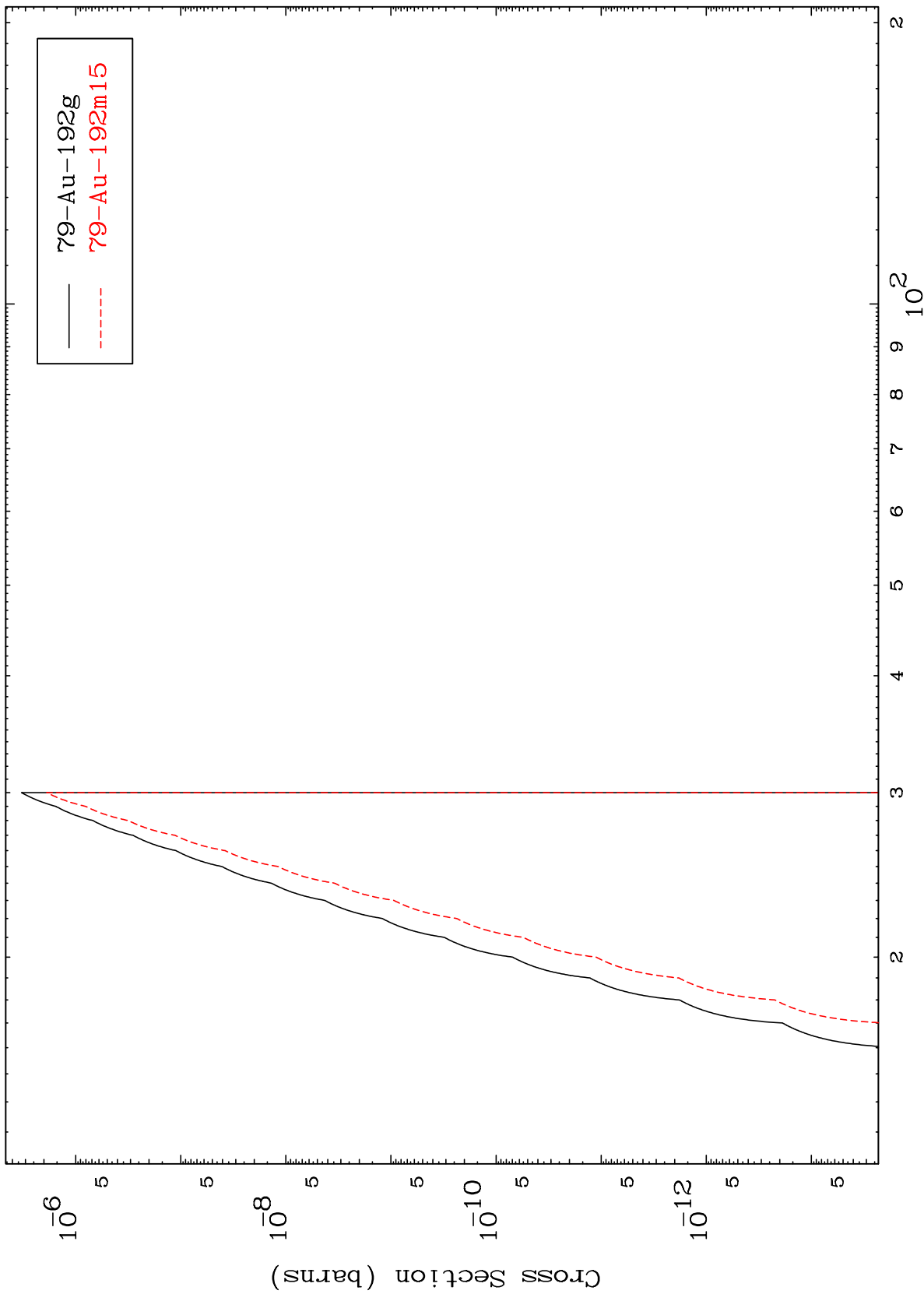
30

MAT 8205

(n,n') p α

82-Pb-197m

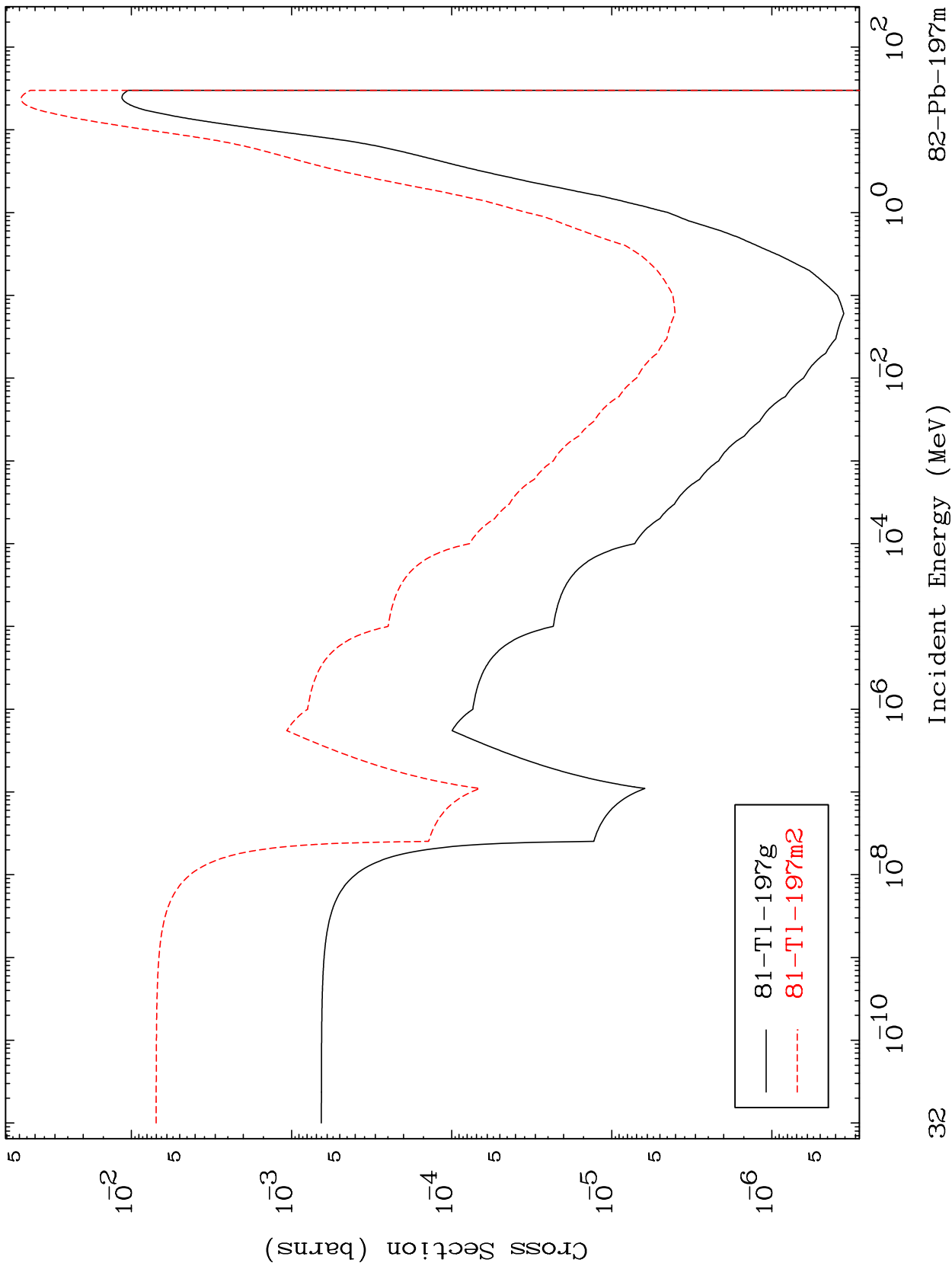
Radionuclide Production Cross Section



MAT 8205

82-Pb-197m

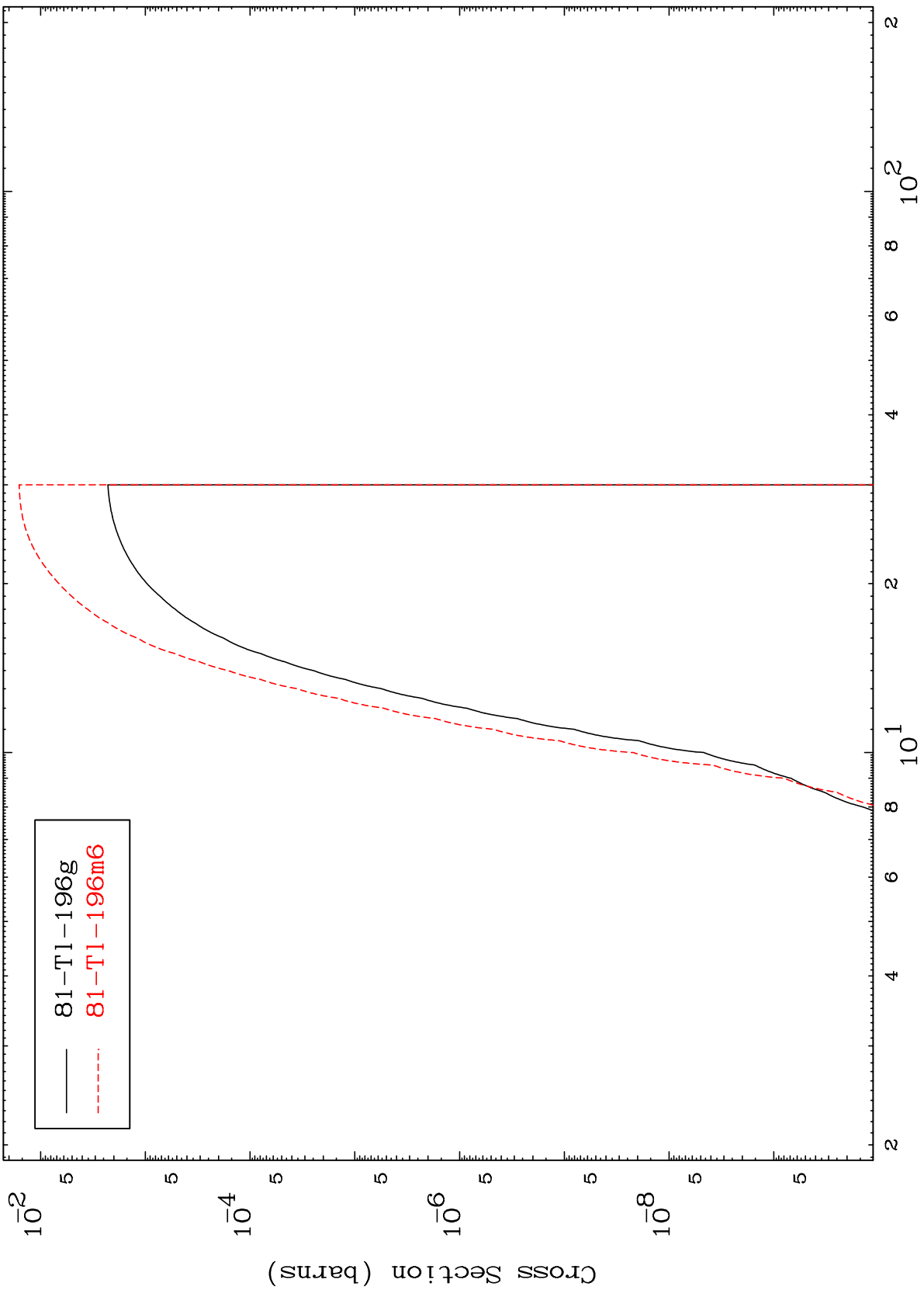
(n,p)
Radionuclide Production Cross Section



MAT 8205

82-Pb-197m

(n,d)
Radionuclide Production Cross Section

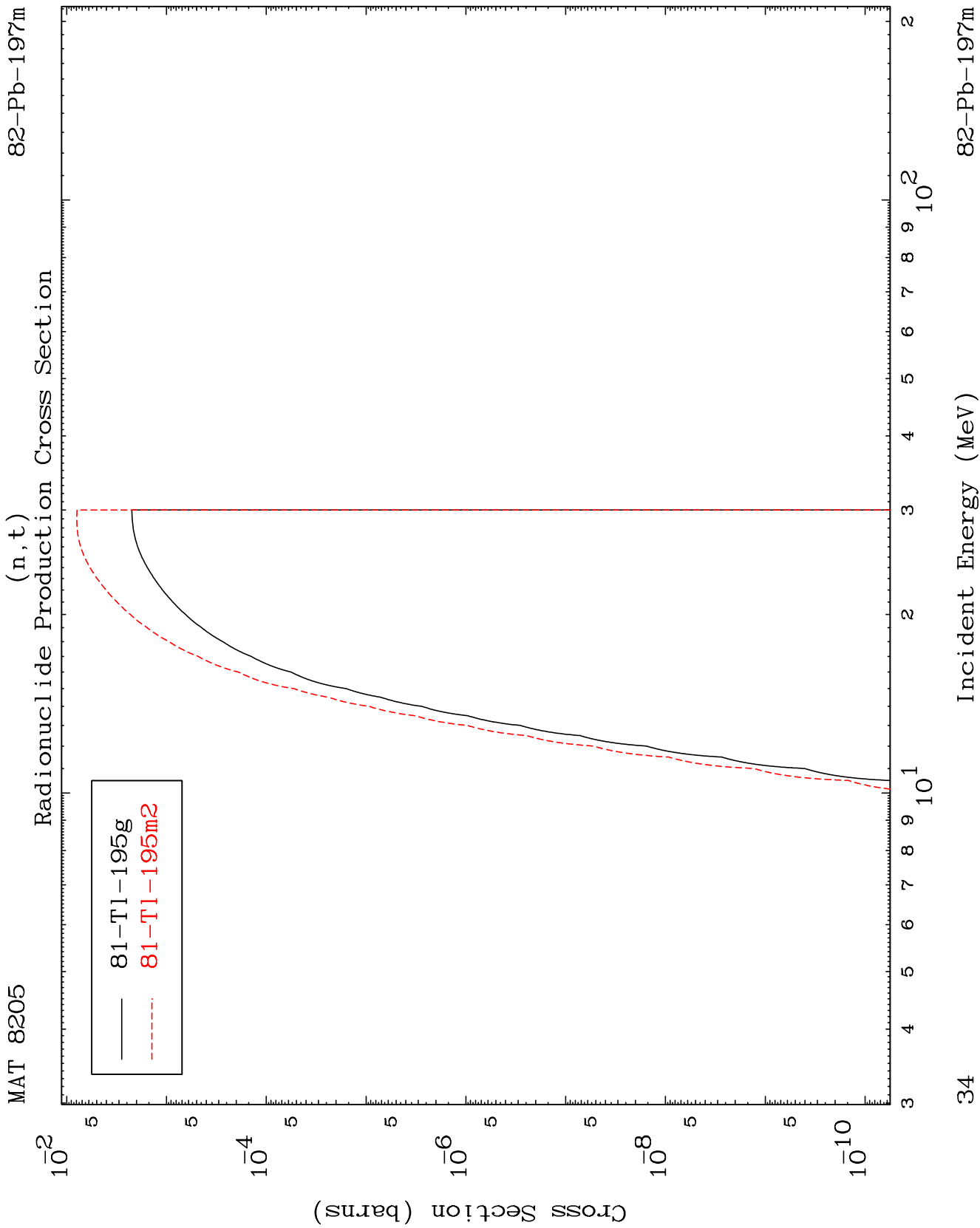


81-Tl-196g
81-Tl-196m6

82-Pb-197m

Incident Energy (MeV)

33

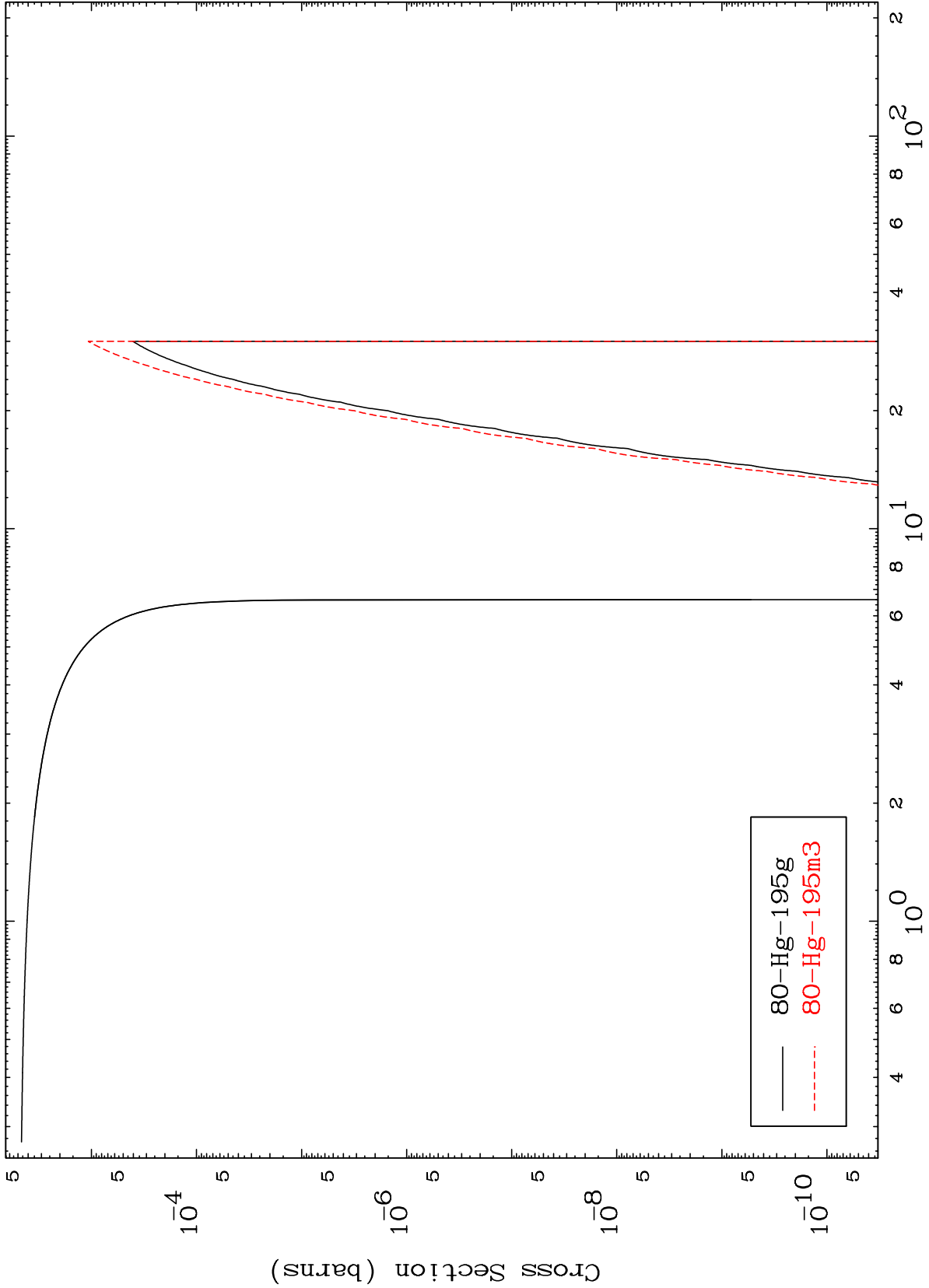


MAT 8205

(n,He-3)

82-Pb-197m

Radionuclide Production Cross Section

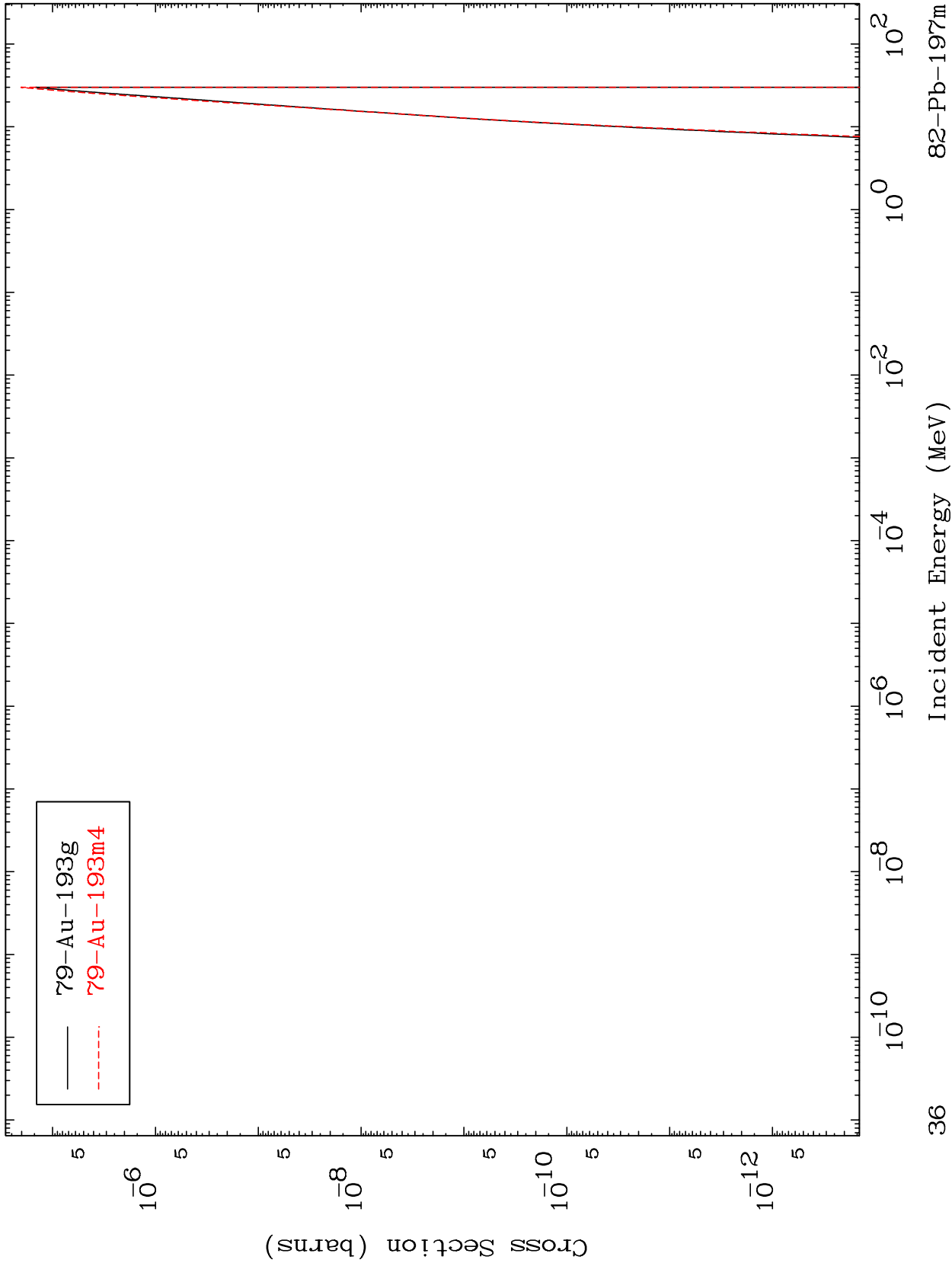


MAT 8205

(n,p) α

82-Pb-197m

Radionuclide Production Cross Section

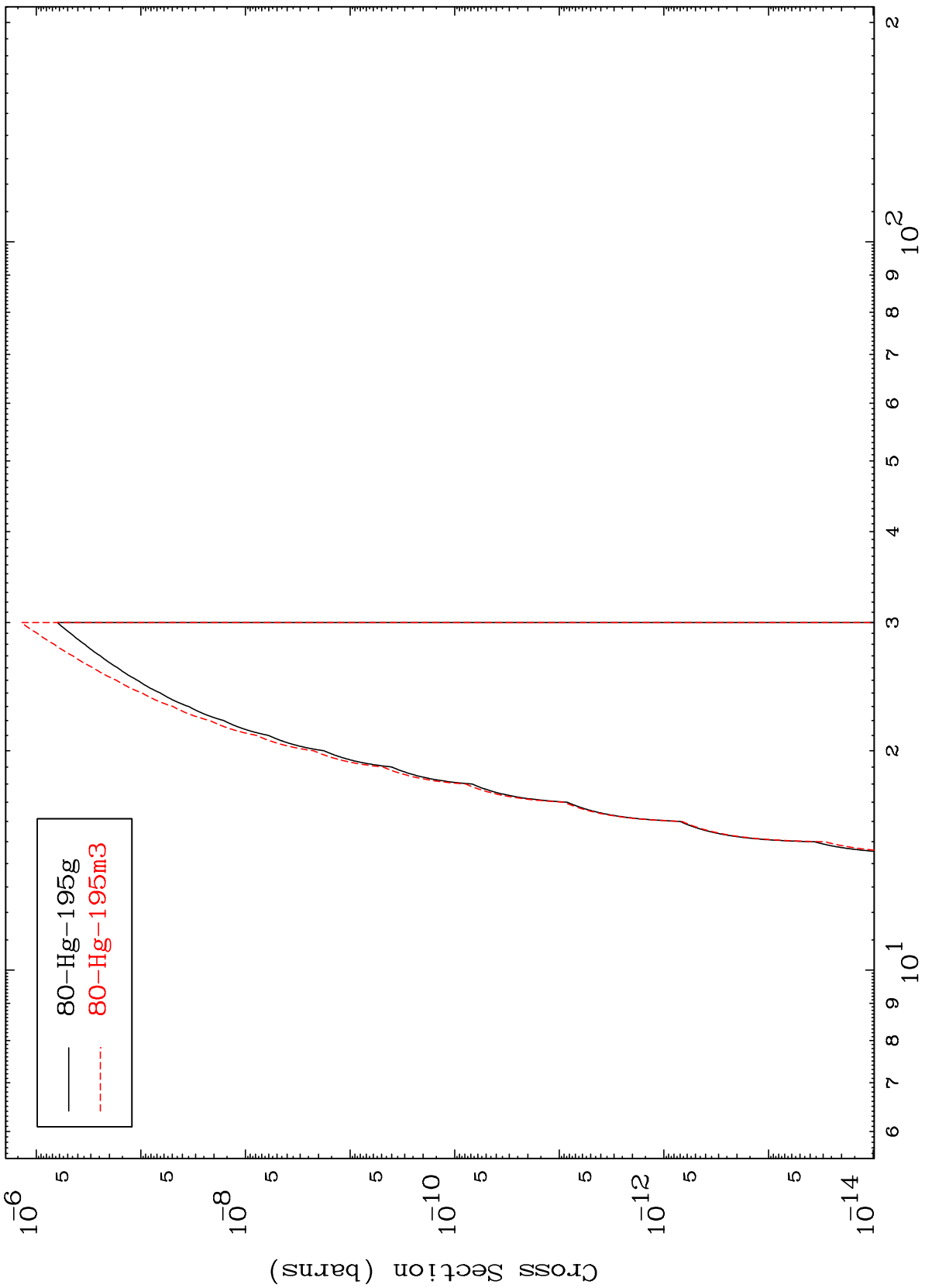


MAT 8205

(n,p) d

82-Pb-197m

Radionuclide Production Cross Section



80-Hg-195g
80-Hg-195m3

Incident Energy (MeV)

82-Pb-197m

37

MAT 8205

(n,d) α

$^{82}\text{Pb}-197\text{m}$

Radionuclide Production Cross Section

