

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

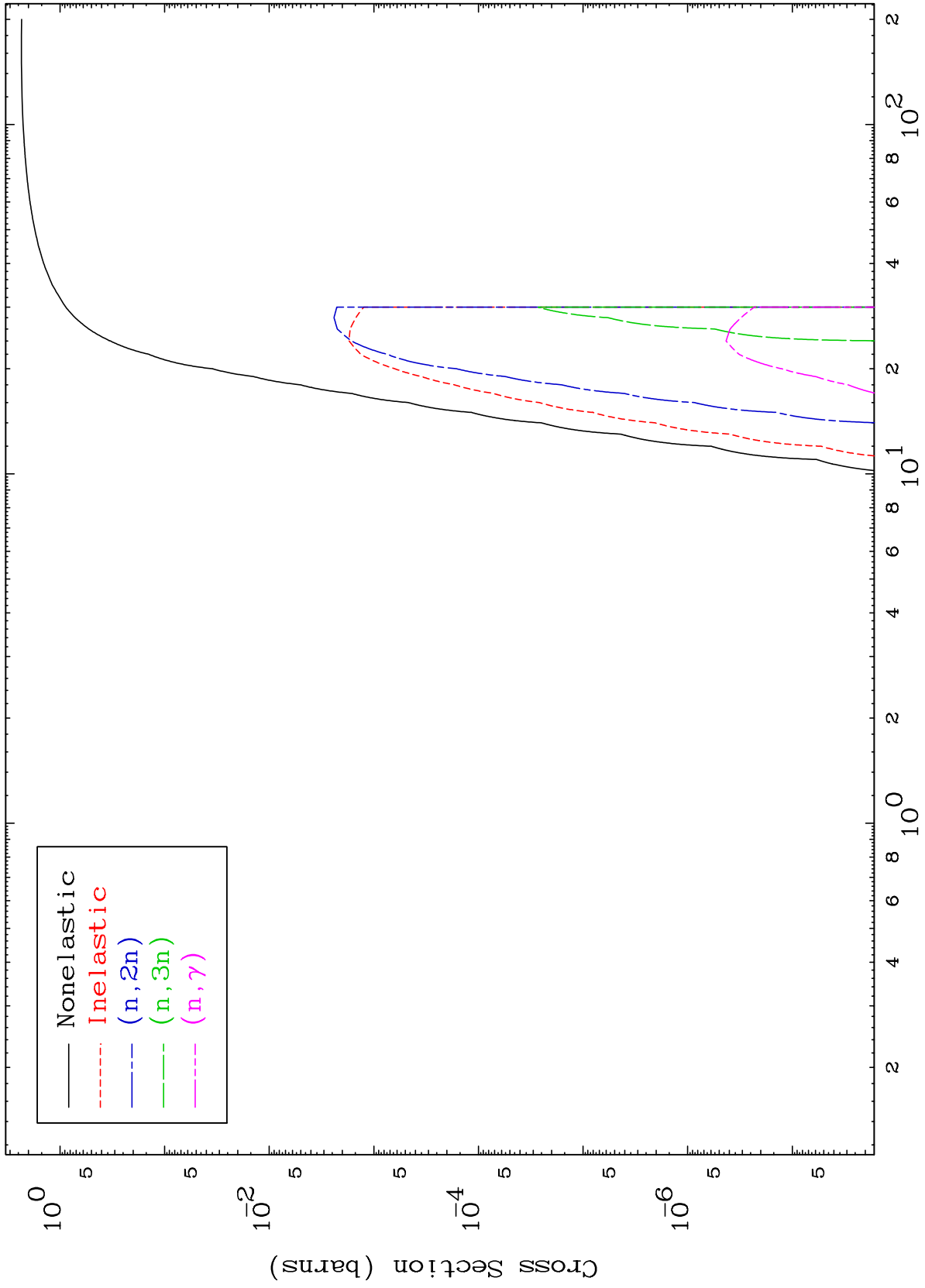
Press Mouse Button to Start

MAT 8087

He-3 Major

81-Tl-190m

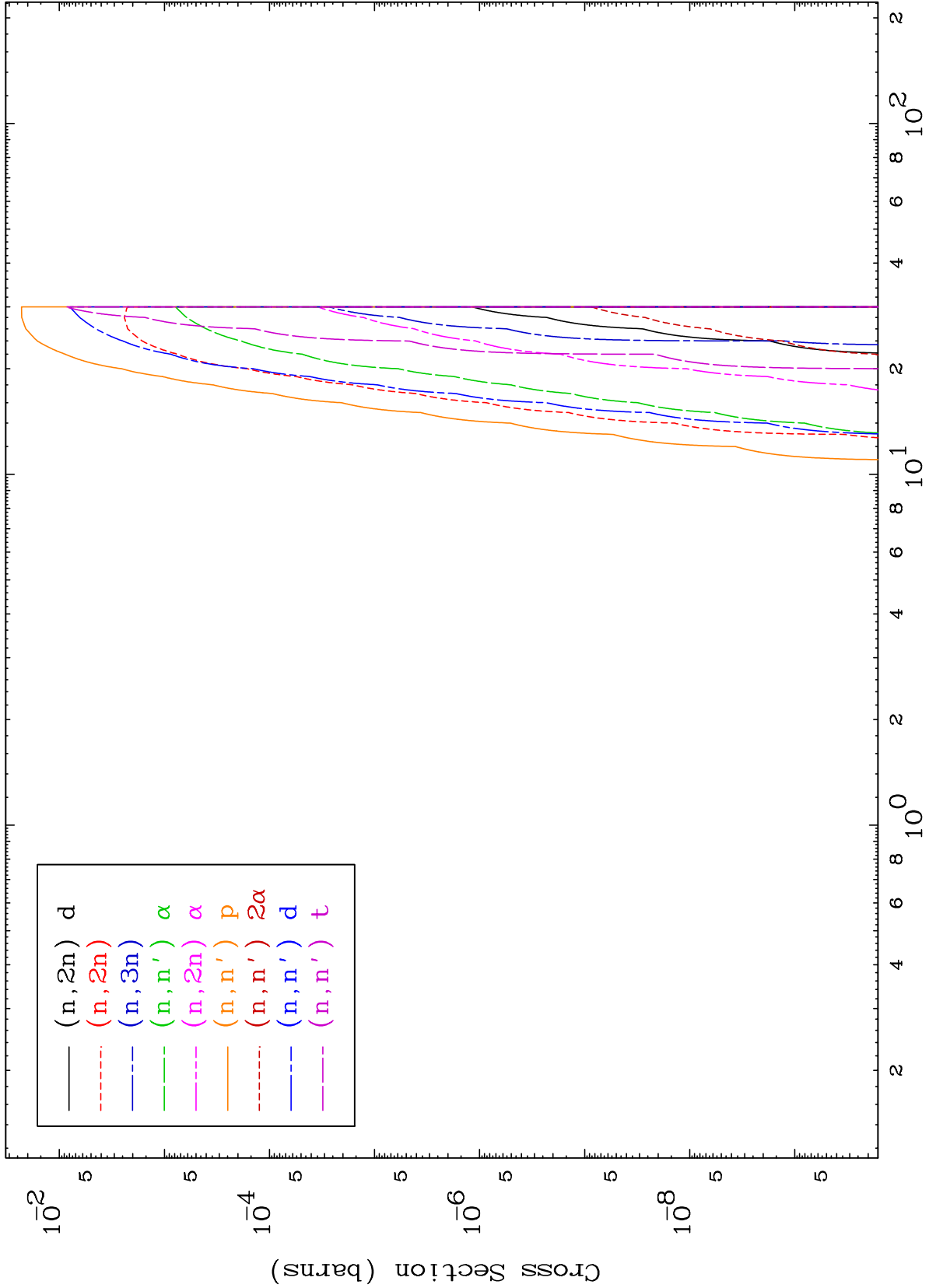
0 Kelvin Cross Sections



MAT 8087

He-3 Neutron Absorption
0 Kelvin Cross Sections

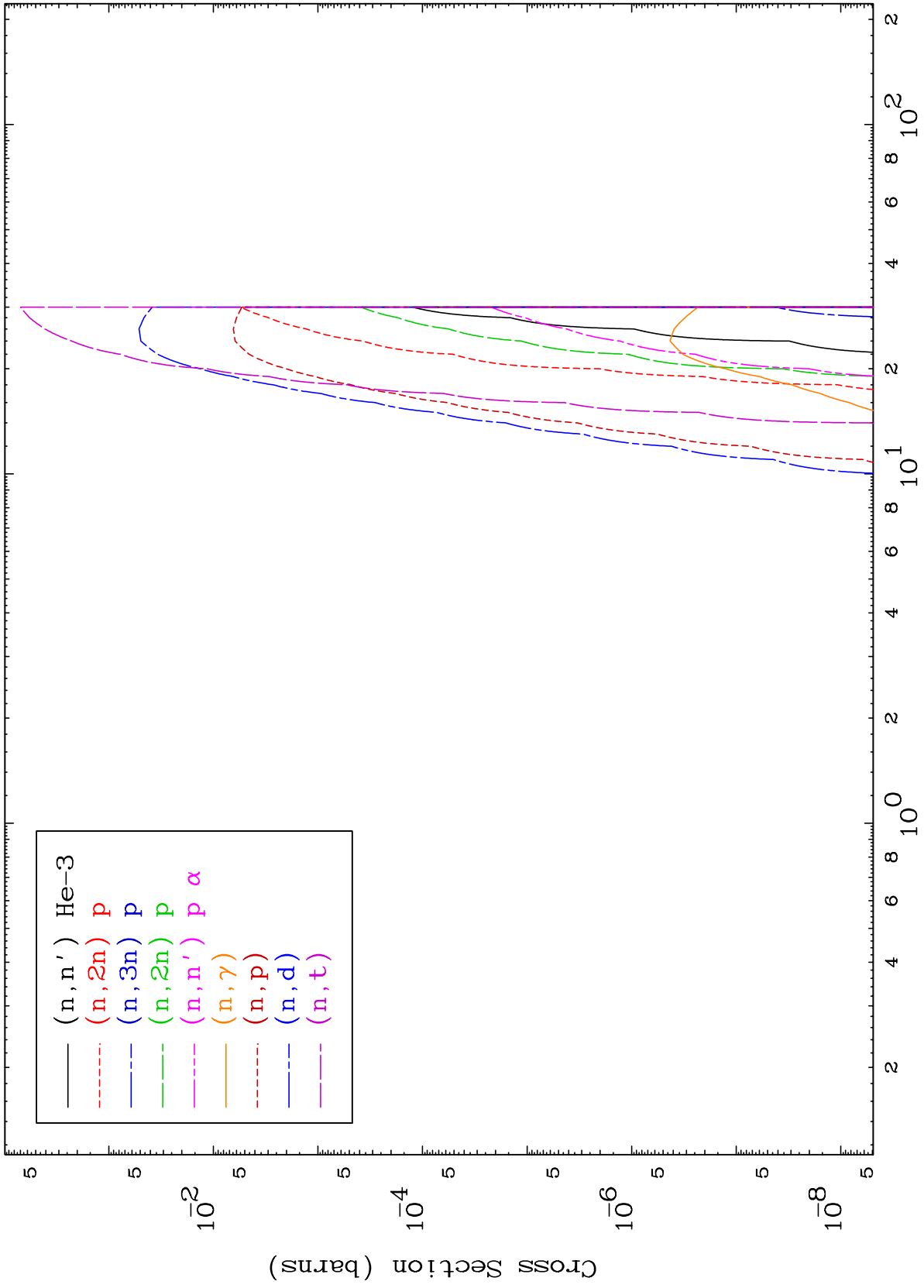
81-Tl-190m



MAT 8087

He-3 Neutron Absorption
0 Kelvin Cross Sections

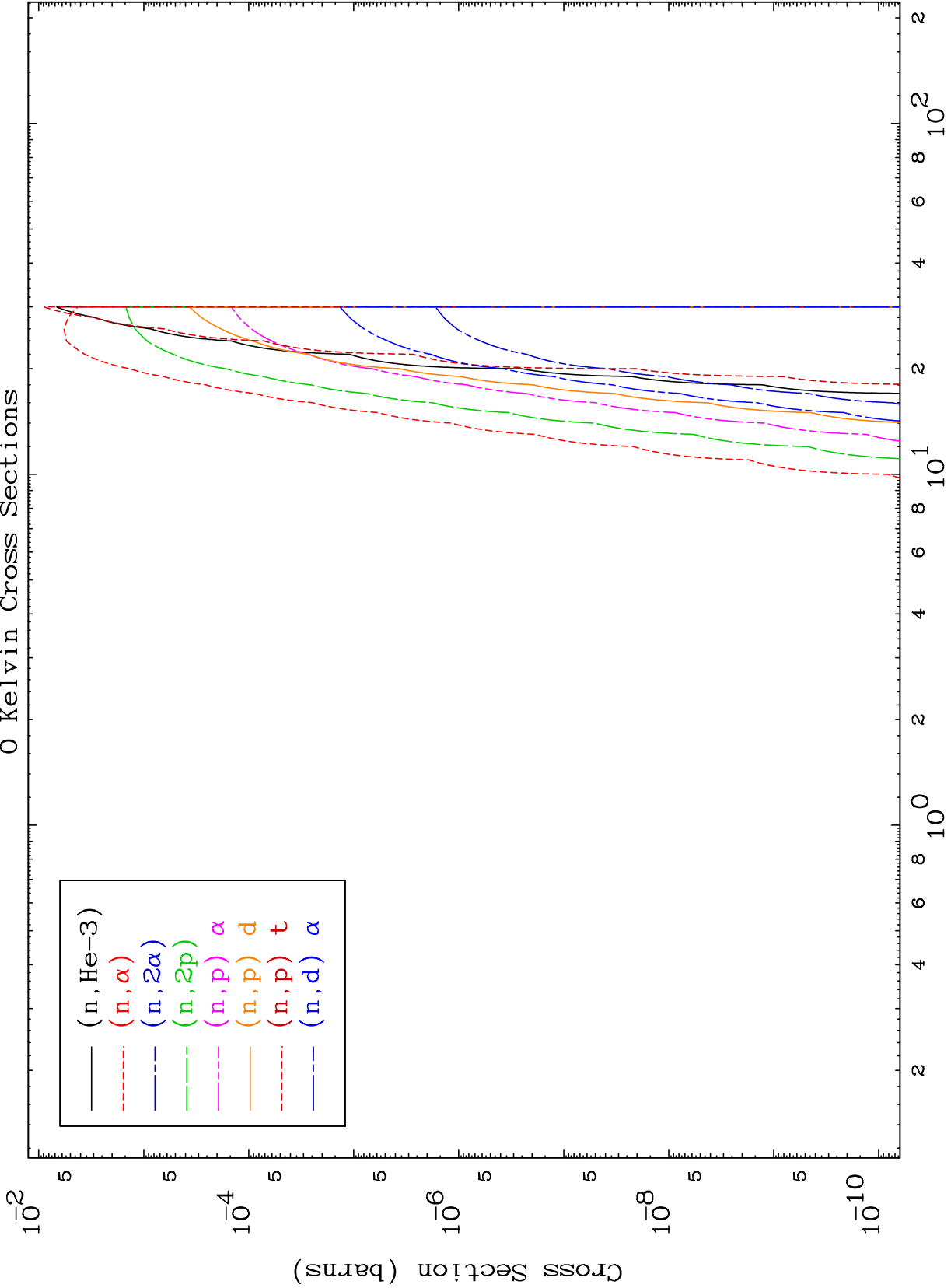
81-TI-190m



MAT 8087

He-3 Neutron Absorption
0 Kelvin Cross Sections

81-TI-190m



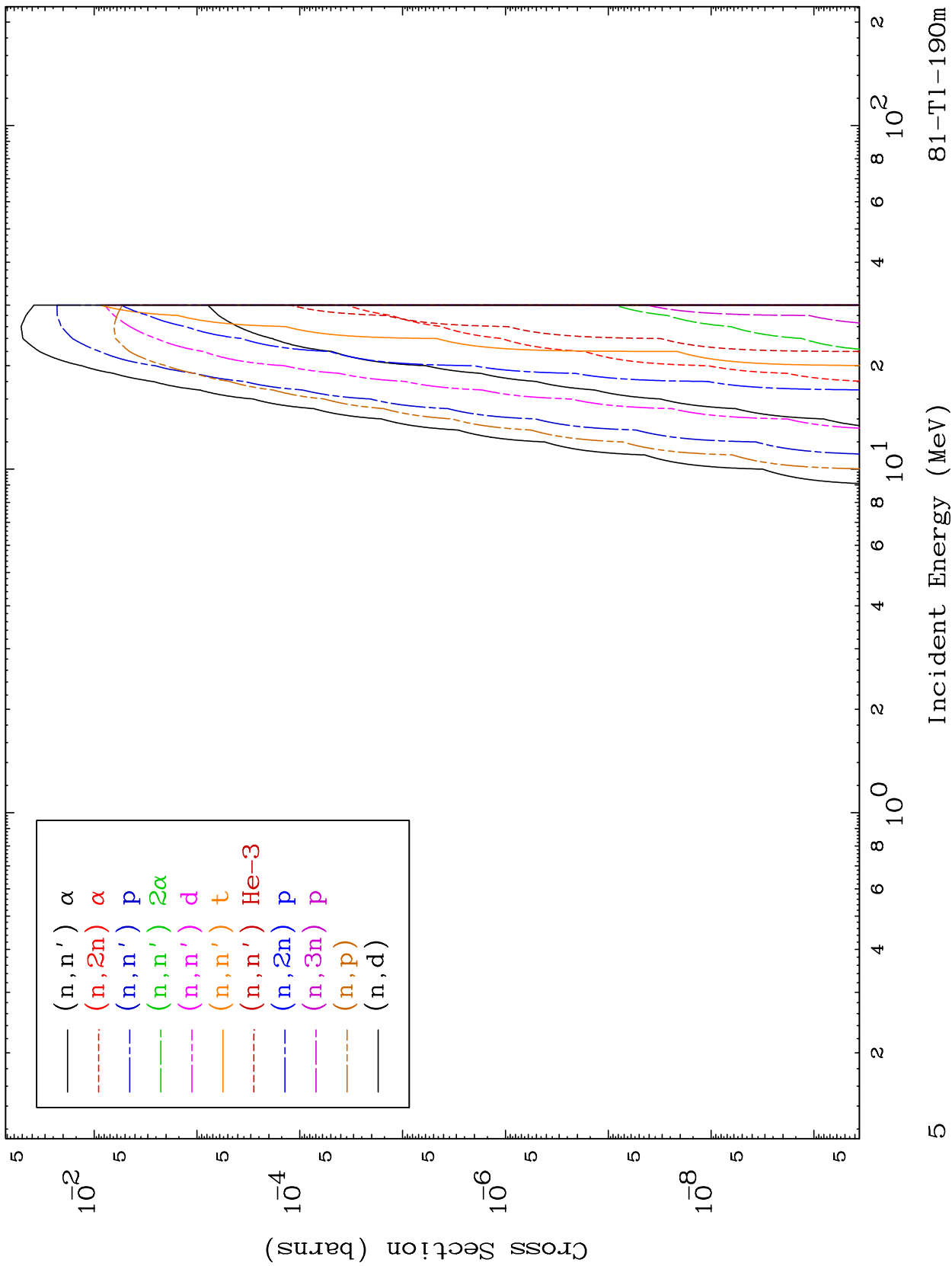
81-TI-190m

Incident Energy (MeV)

MAT 8087

He-3 Charged Particle
0 Kelvin Cross Sections

81-TI-190m



5

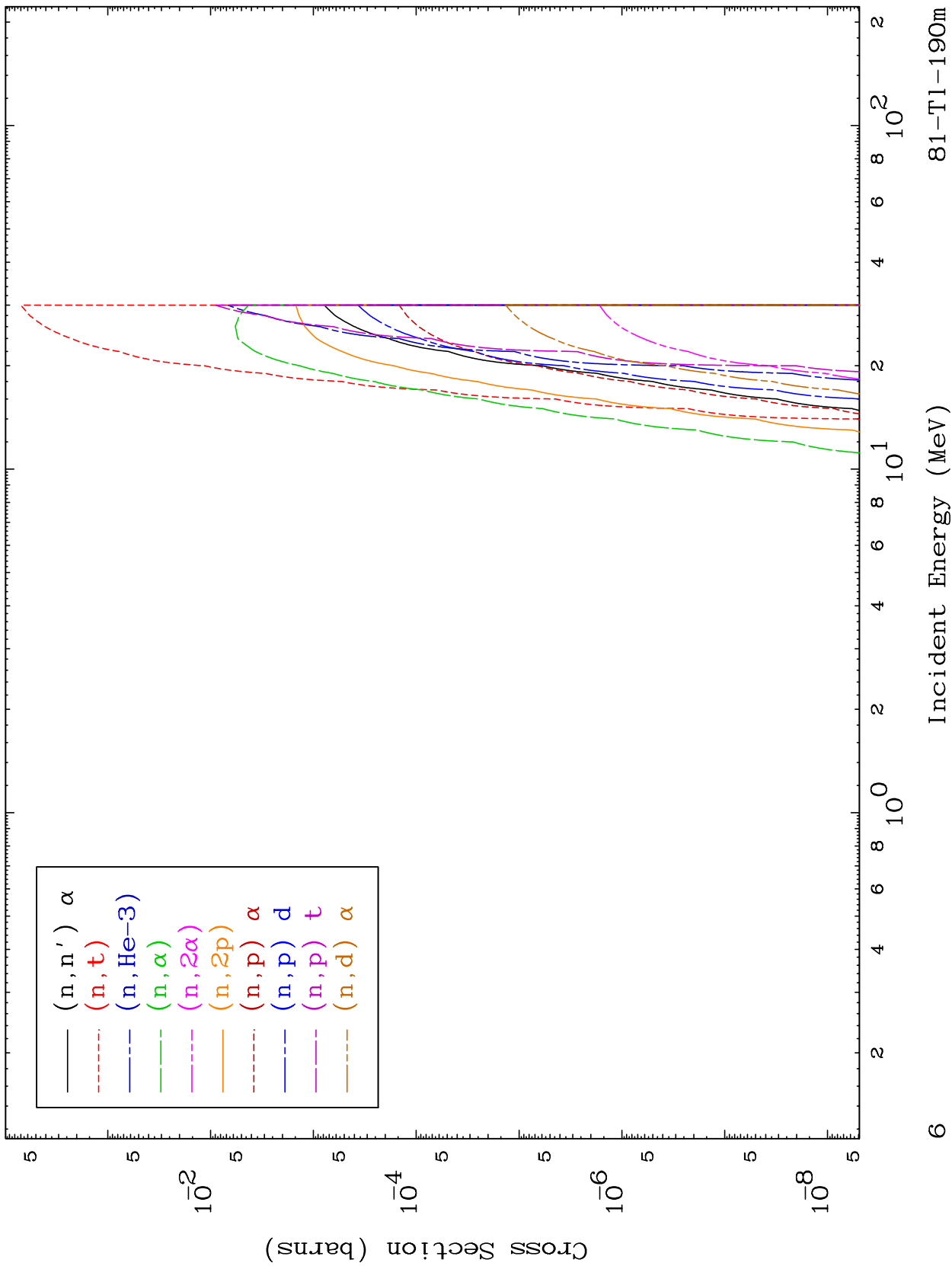
Incident Energy (MeV)

81-TI-190m

MAT 8087

He-3 Charged Particle
0 Kelvin Cross Sections

81-TI-190m

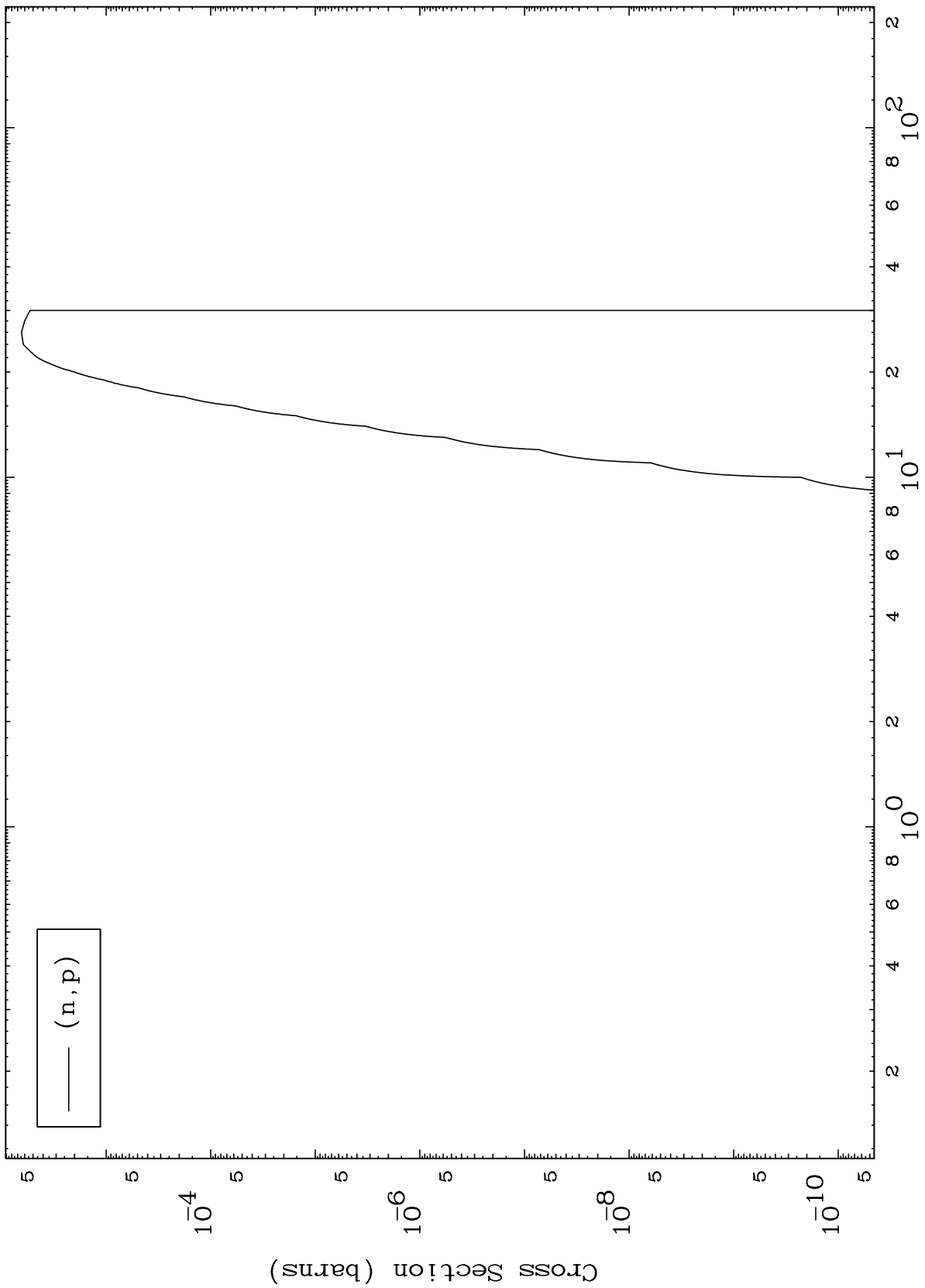


MAT 8087

(He-3,p) Levels

81-Tl-190m

0 Kelvin Cross Sections

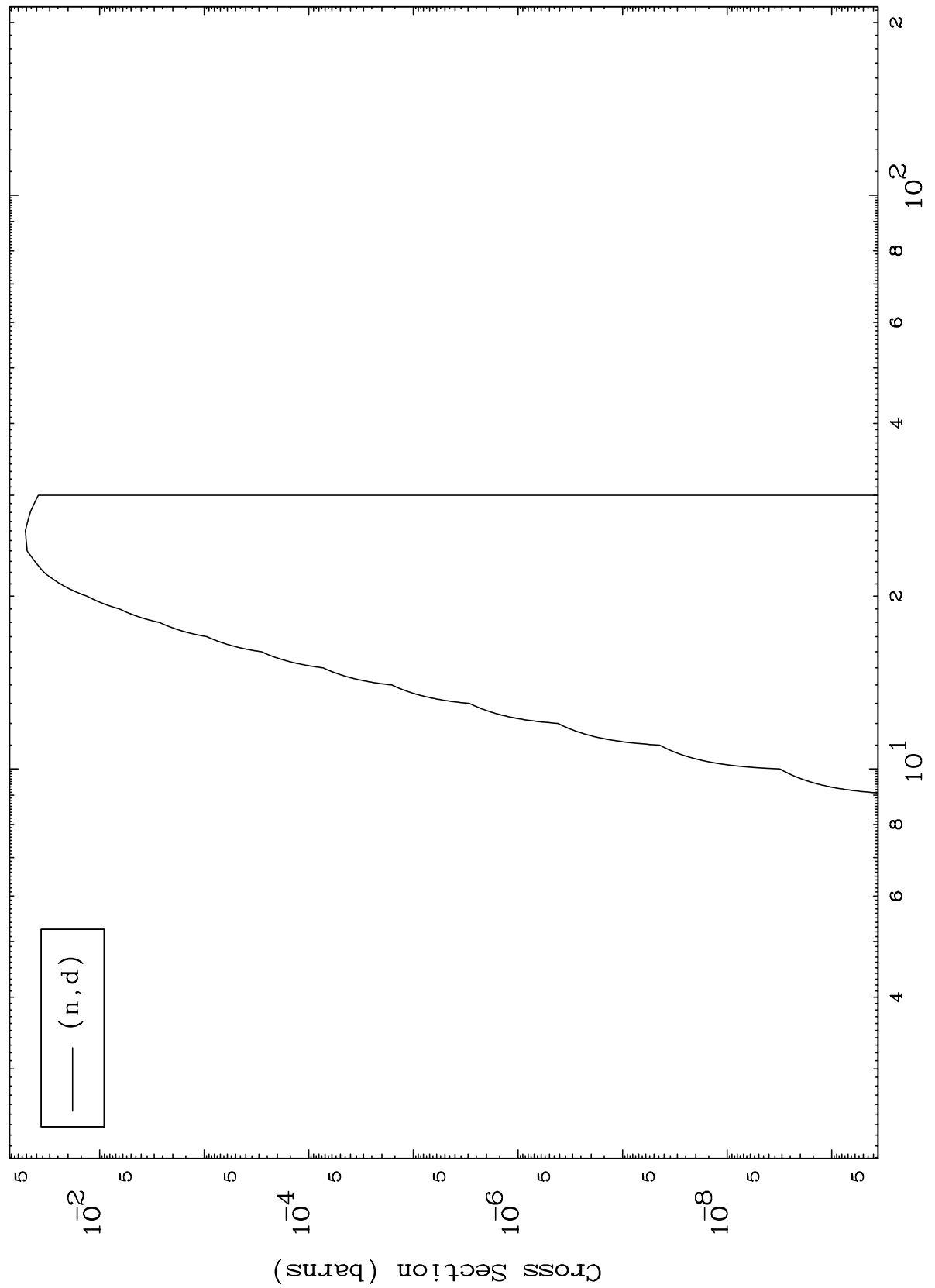


MAT 8087

(He-3,d) Levels

81-Tl-190m

0 Kelvin Cross Sections

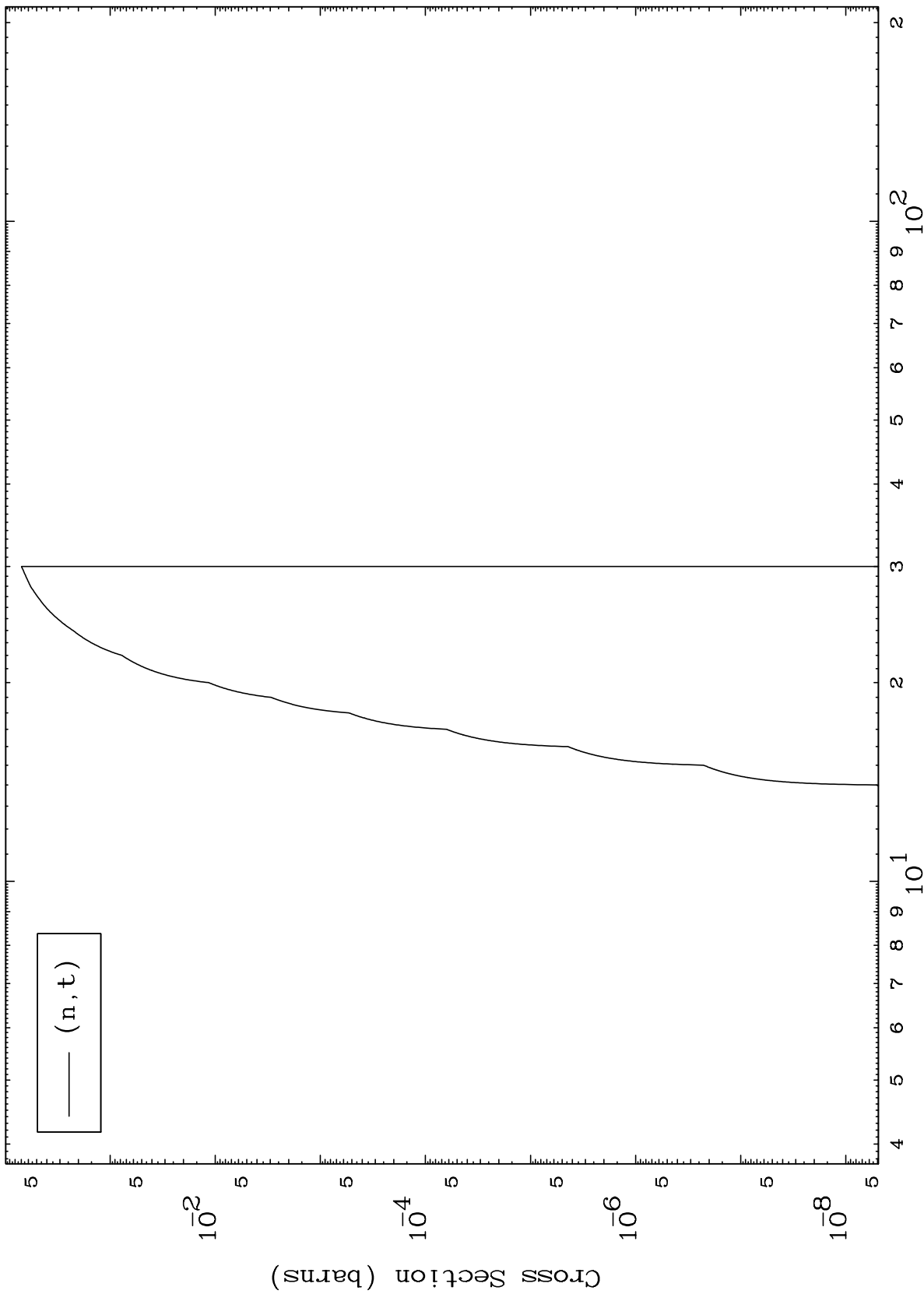


MAT 8087

(He-3,t) Levels

81-Tl-190m

0 Kelvin Cross Sections



9

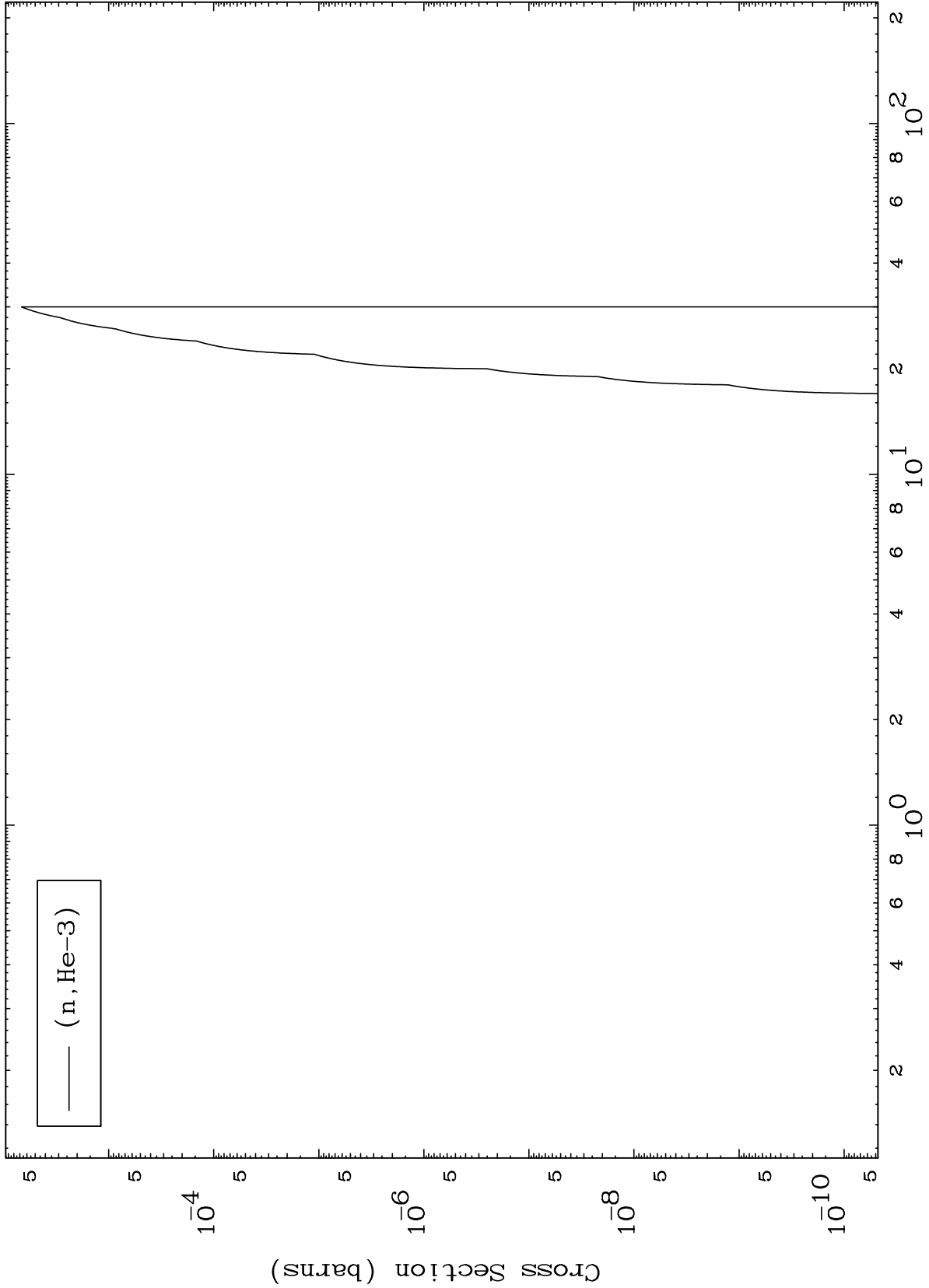
Incident Energy (MeV)

81-Tl-190m

MAT 8087

(He-3, He3) Levels
0 Kelvin Cross Sections

81-TI-190m



10

Incident Energy (MeV)

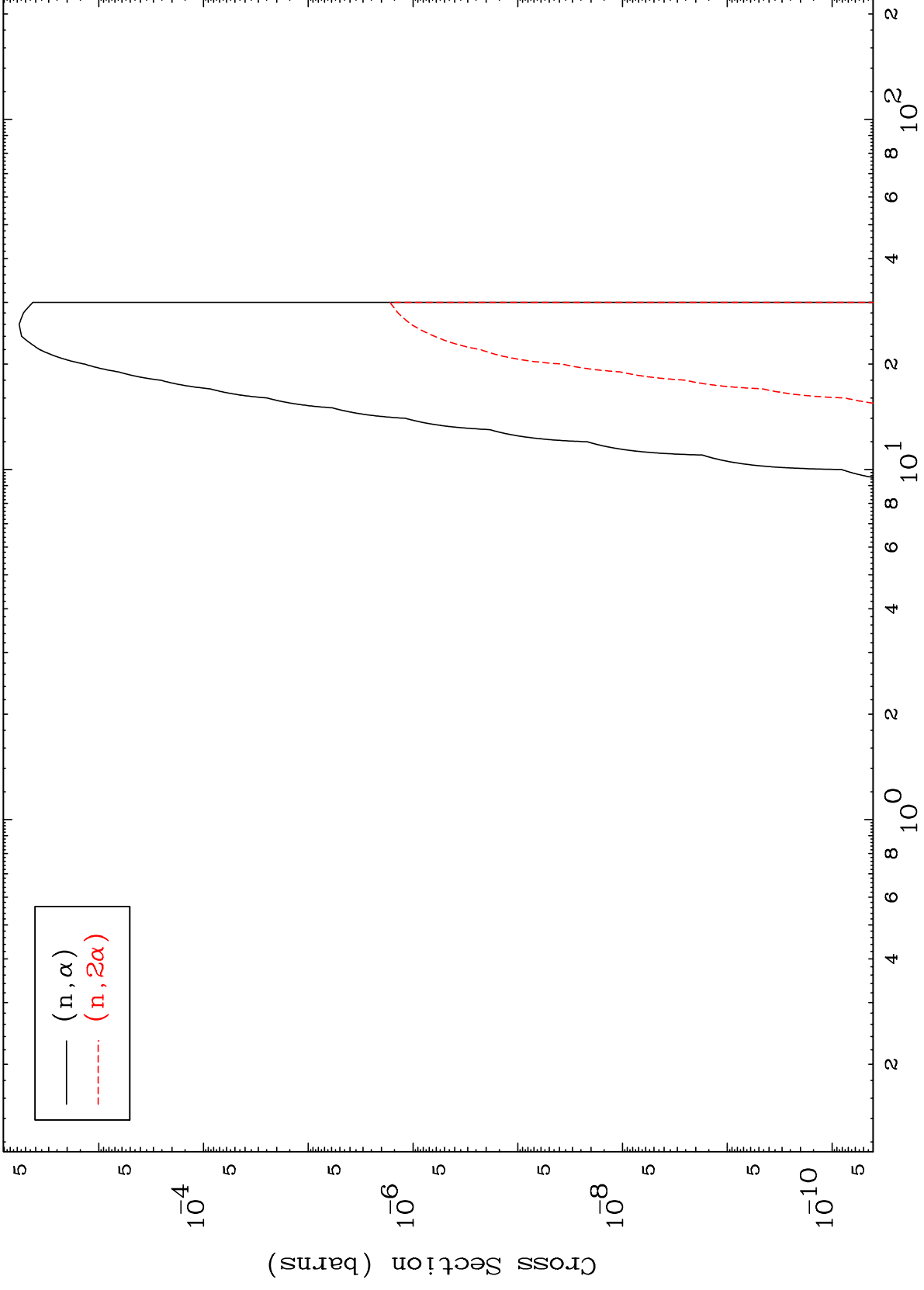
81-TI-190m

MAT 8087

(He-3, α) Levels

81-Tl-190m

0 Kelvin Cross Sections

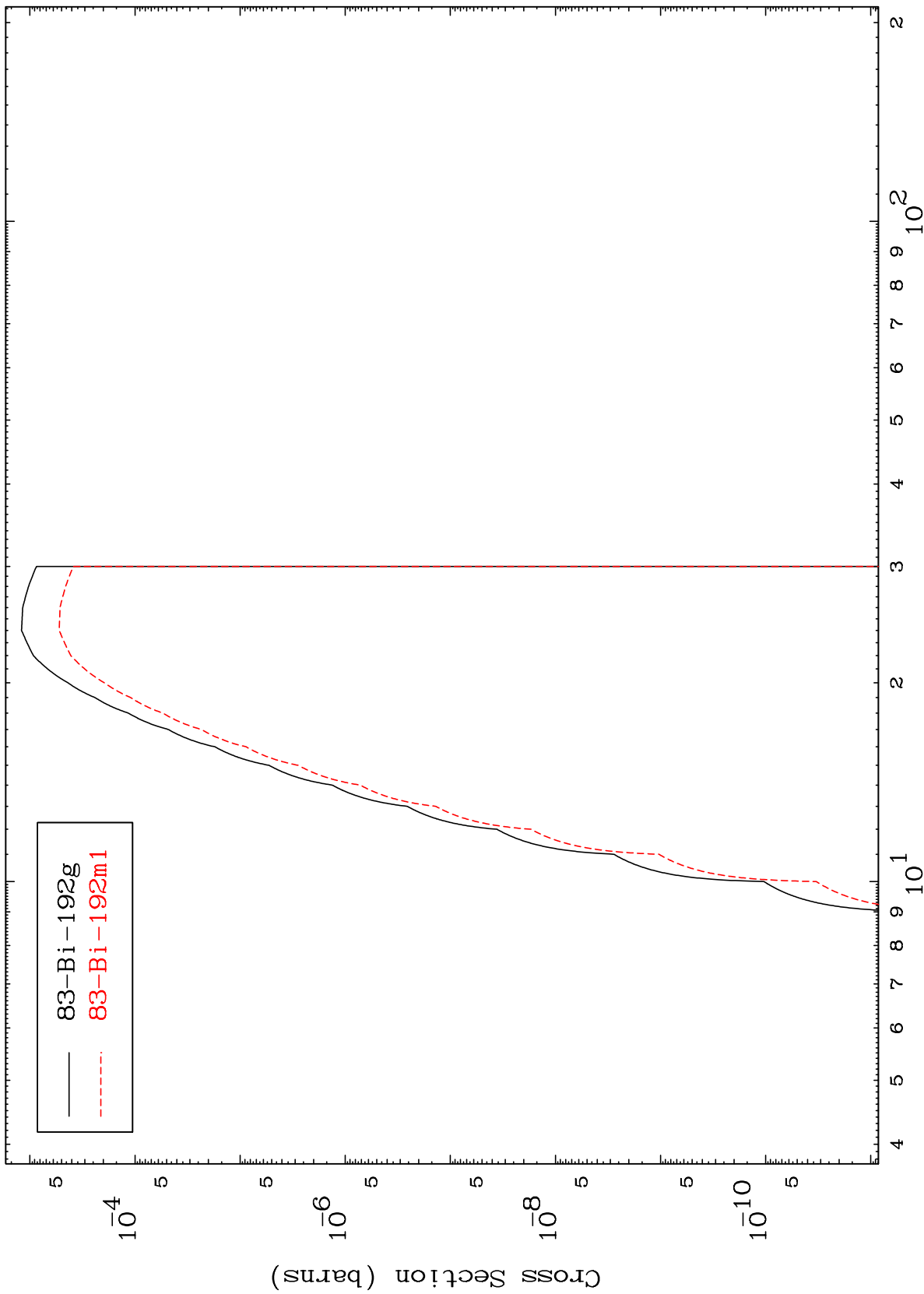


— (n, α)
- - - $(n, 2\alpha)$

MAT 8087

81-Tl-190m

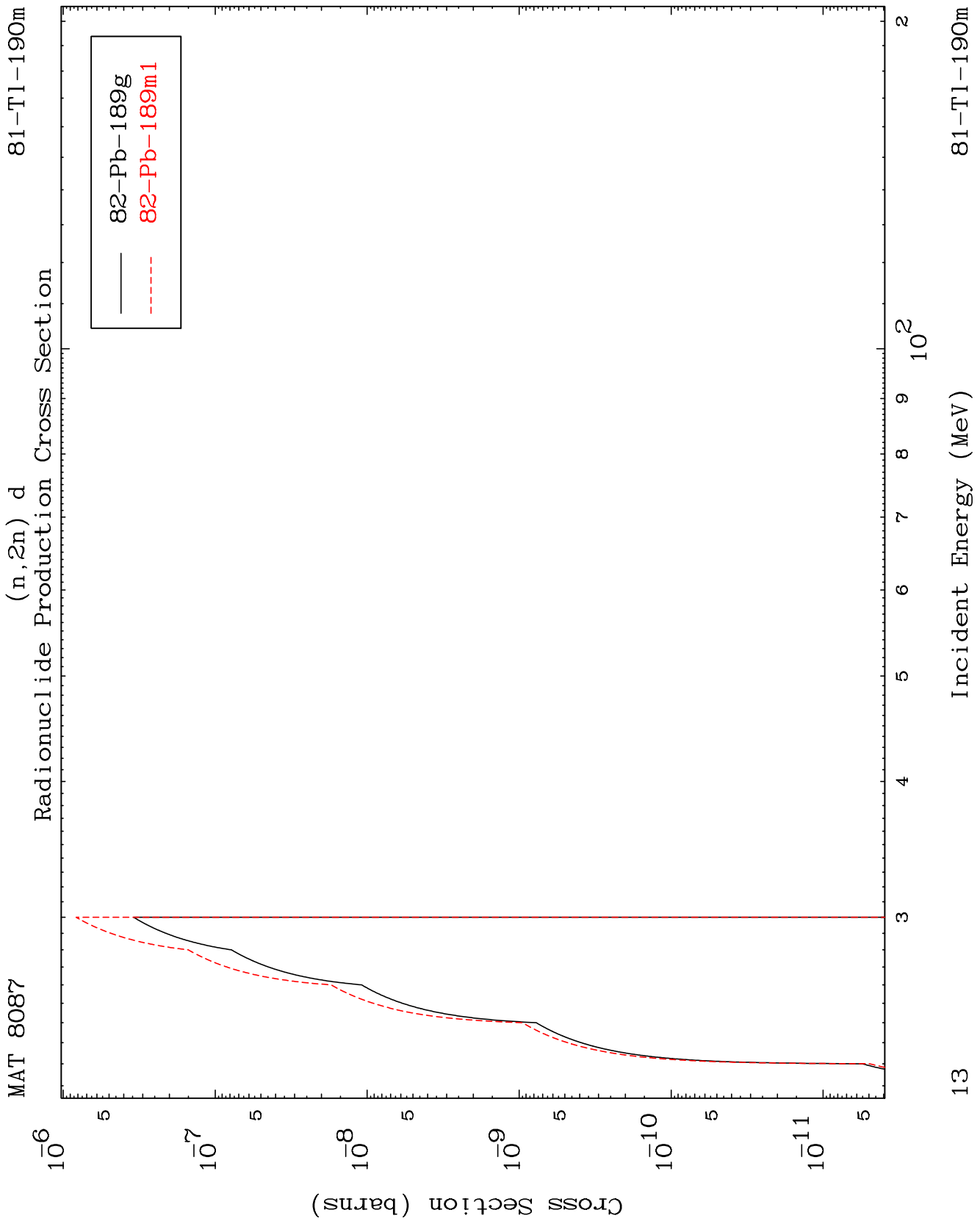
Inelastic
Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-190m

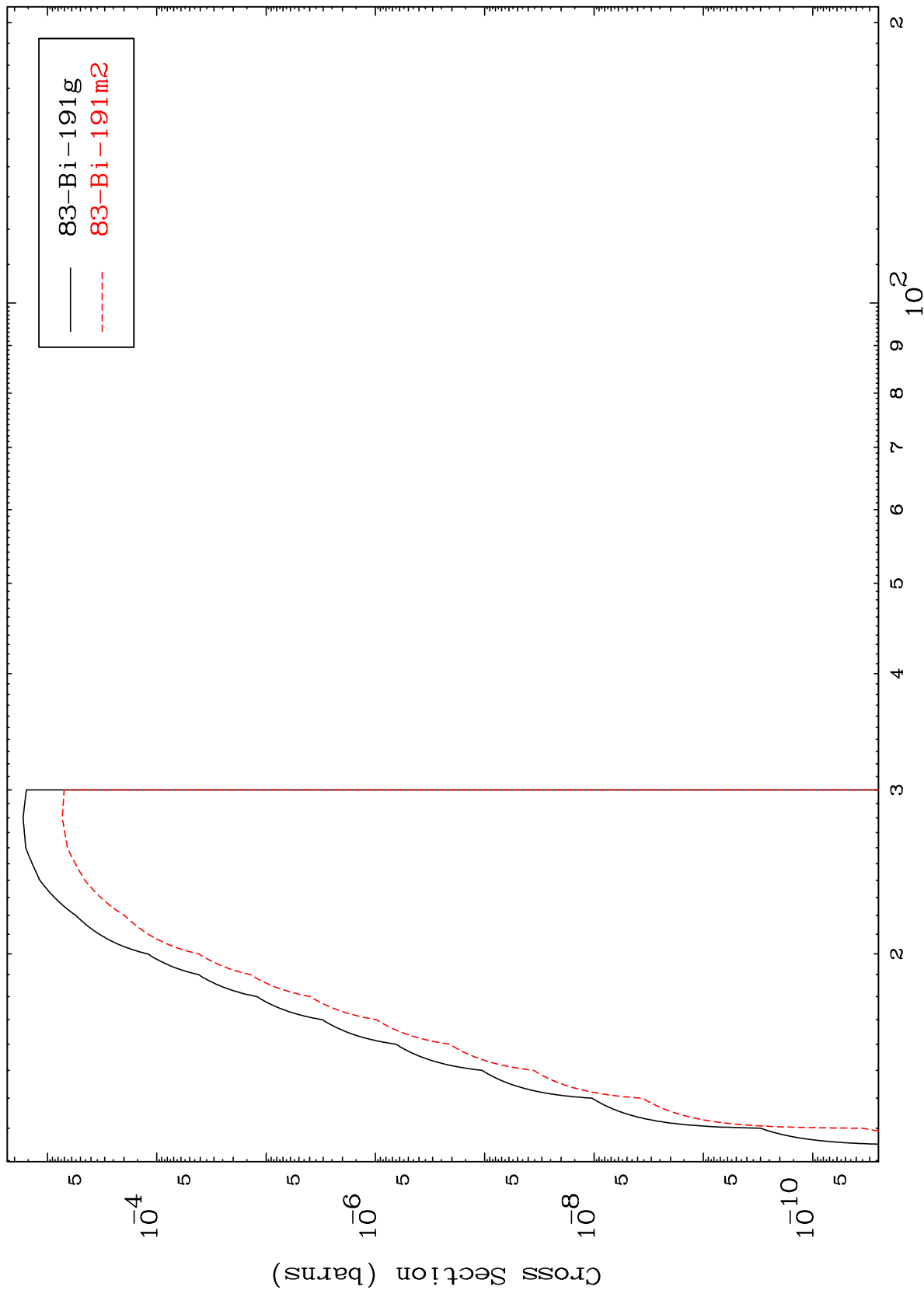
12



MAT 8087

81-TI-190m

(n,2n)
Radionuclide Production Cross Section



81-TI-190m

Incident Energy (MeV)

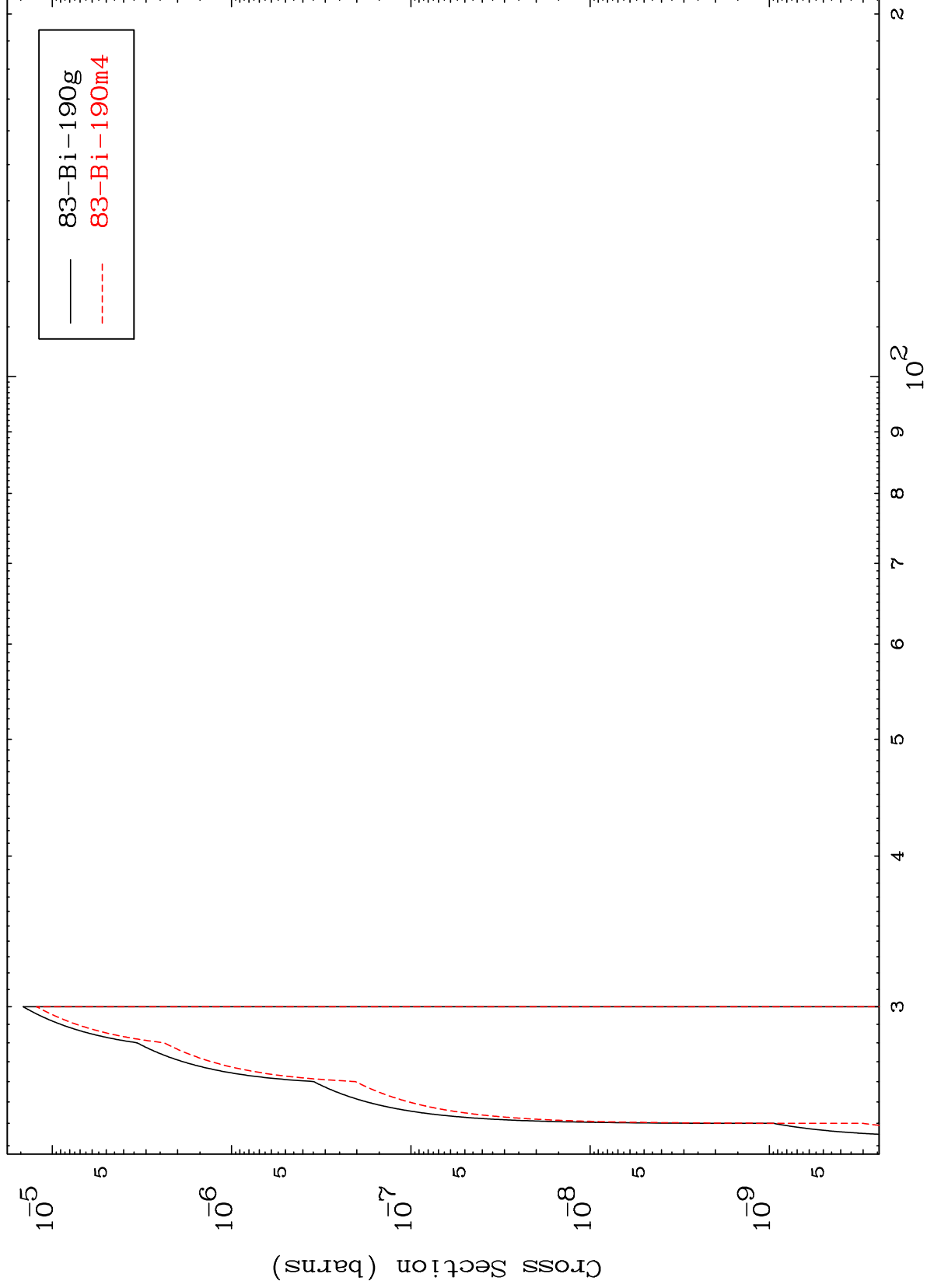
14

MAT 8087

(n,3n)

81-Tl-190m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

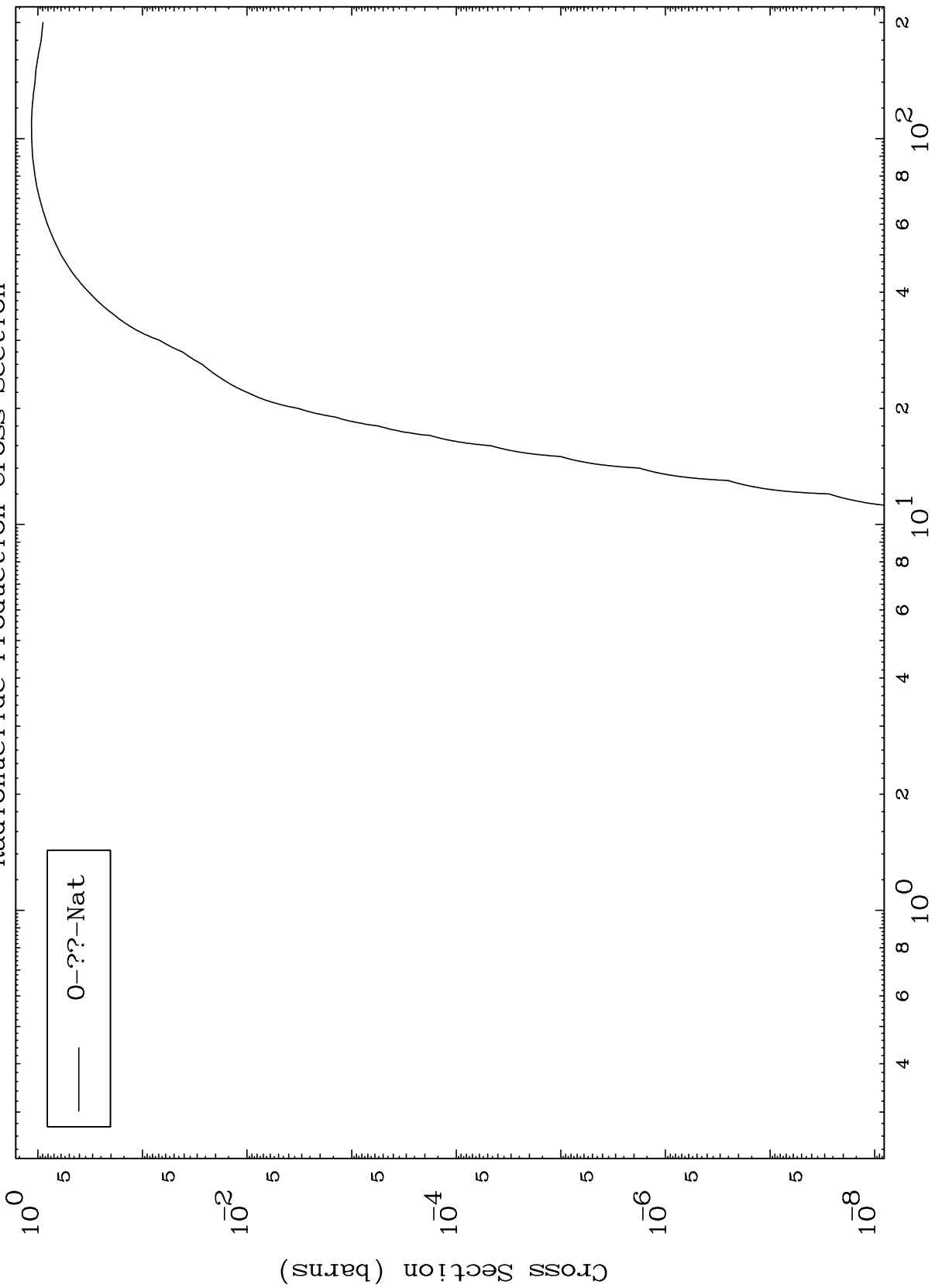
81-Tl-190m

MAT 8087

Fission

81-Tl-190m

Radionuclide Production Cross Section

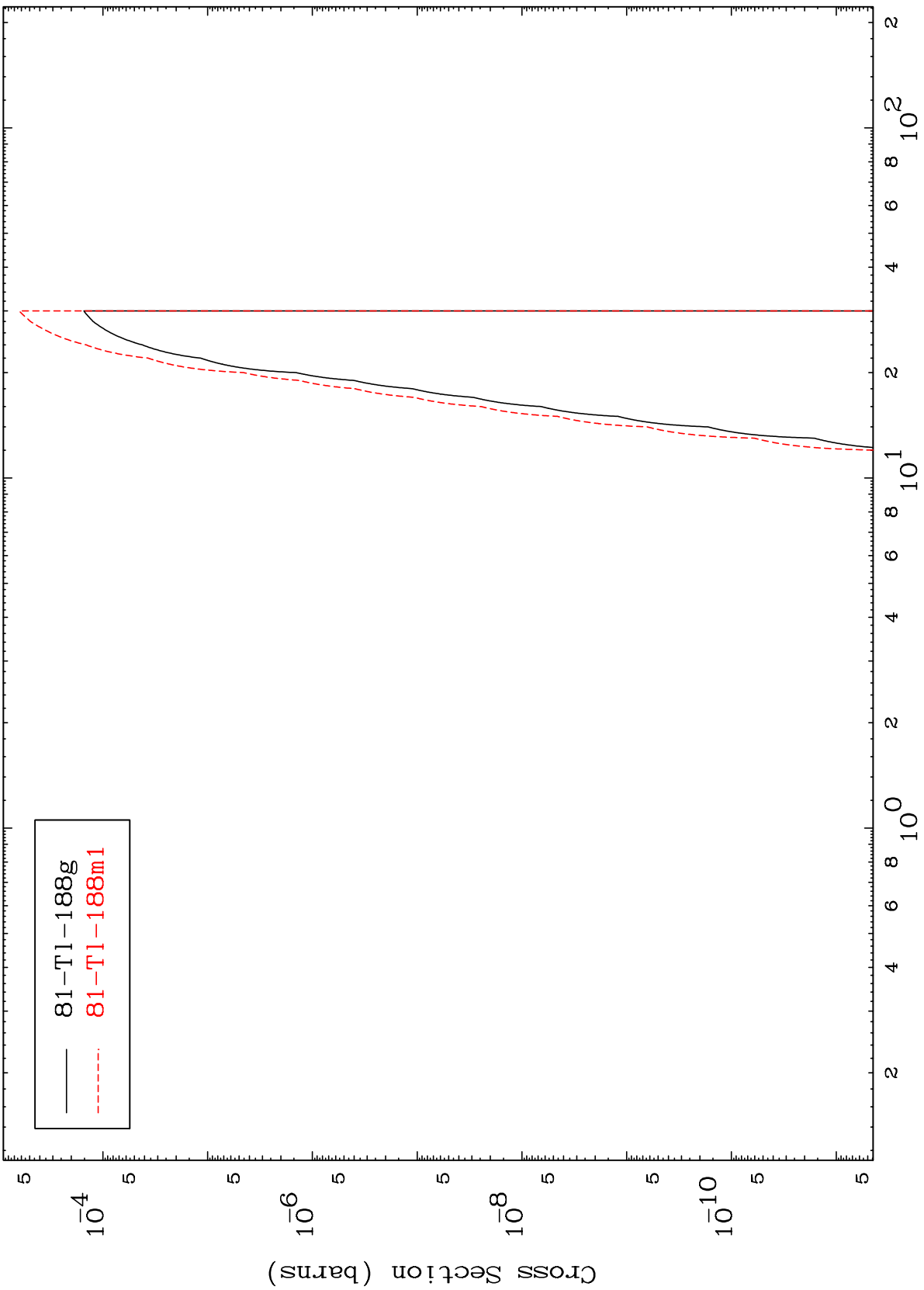


MAT 8087

$(n, n') \alpha$

81-Tl-190m

Radionuclide Production Cross Section

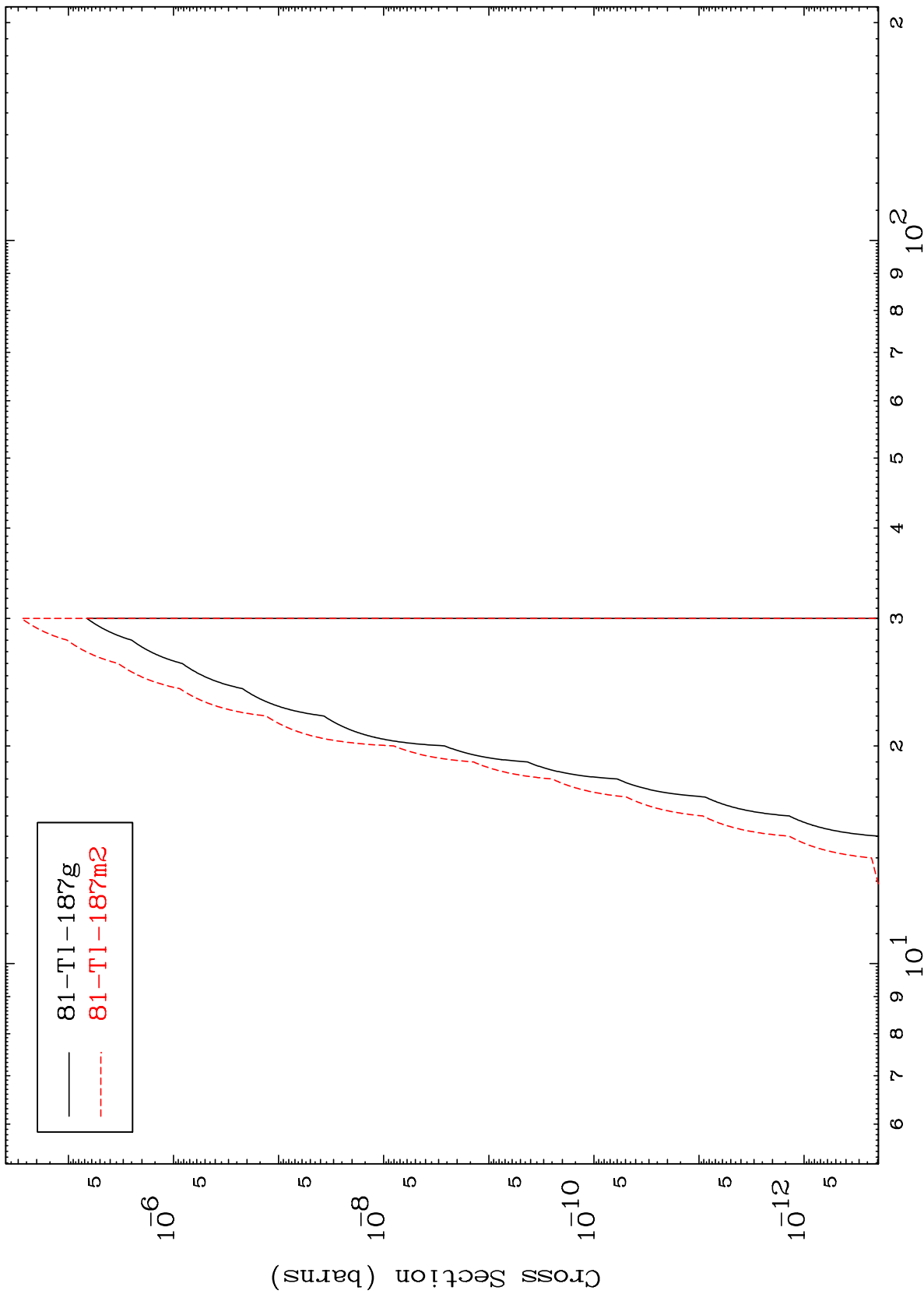


MAT 8087

$(n,2n) \alpha$

81-Tl-190m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

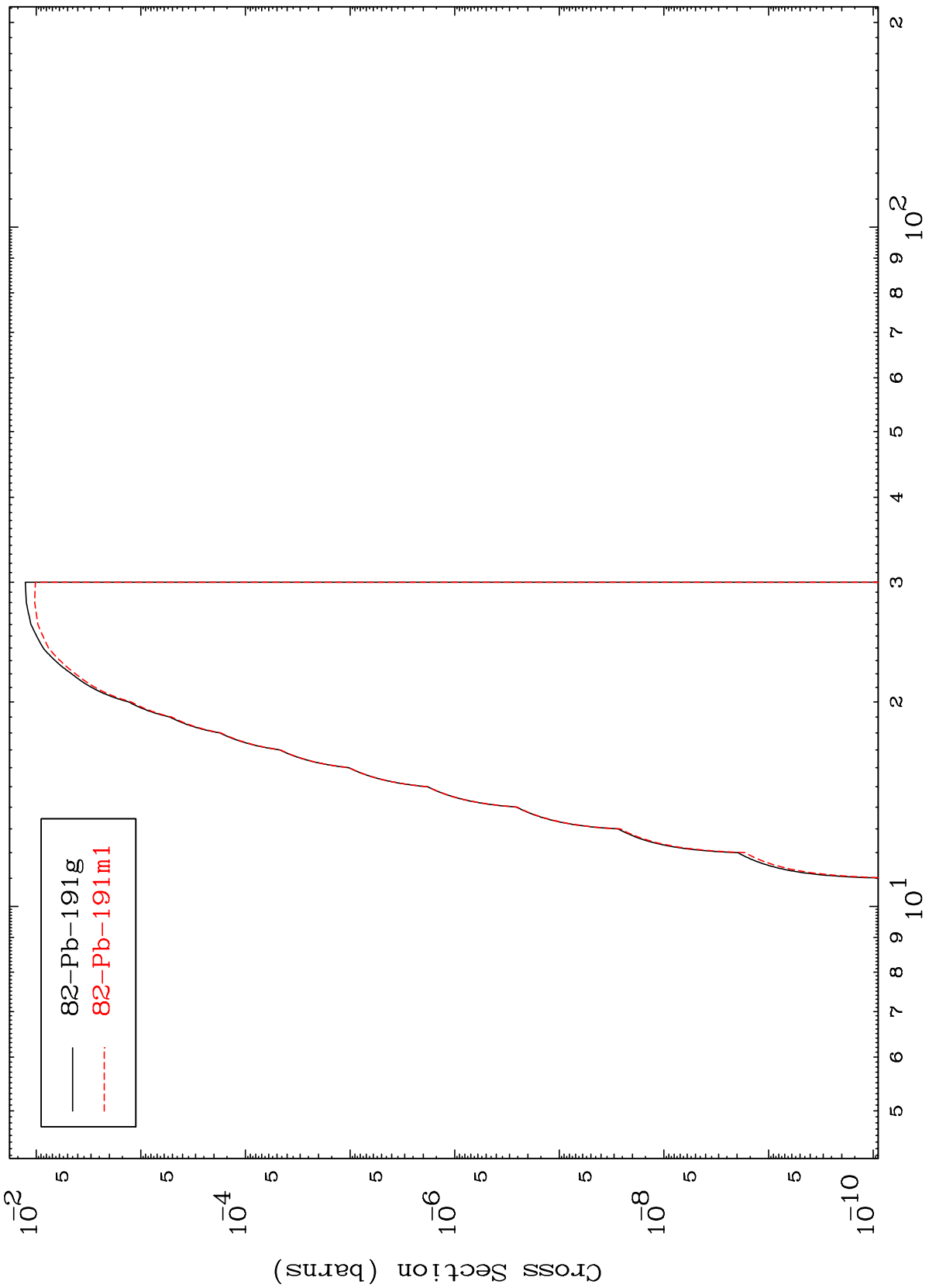
81-Tl-190m

MAT 8087

(n,n') p

81-Tl-190m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

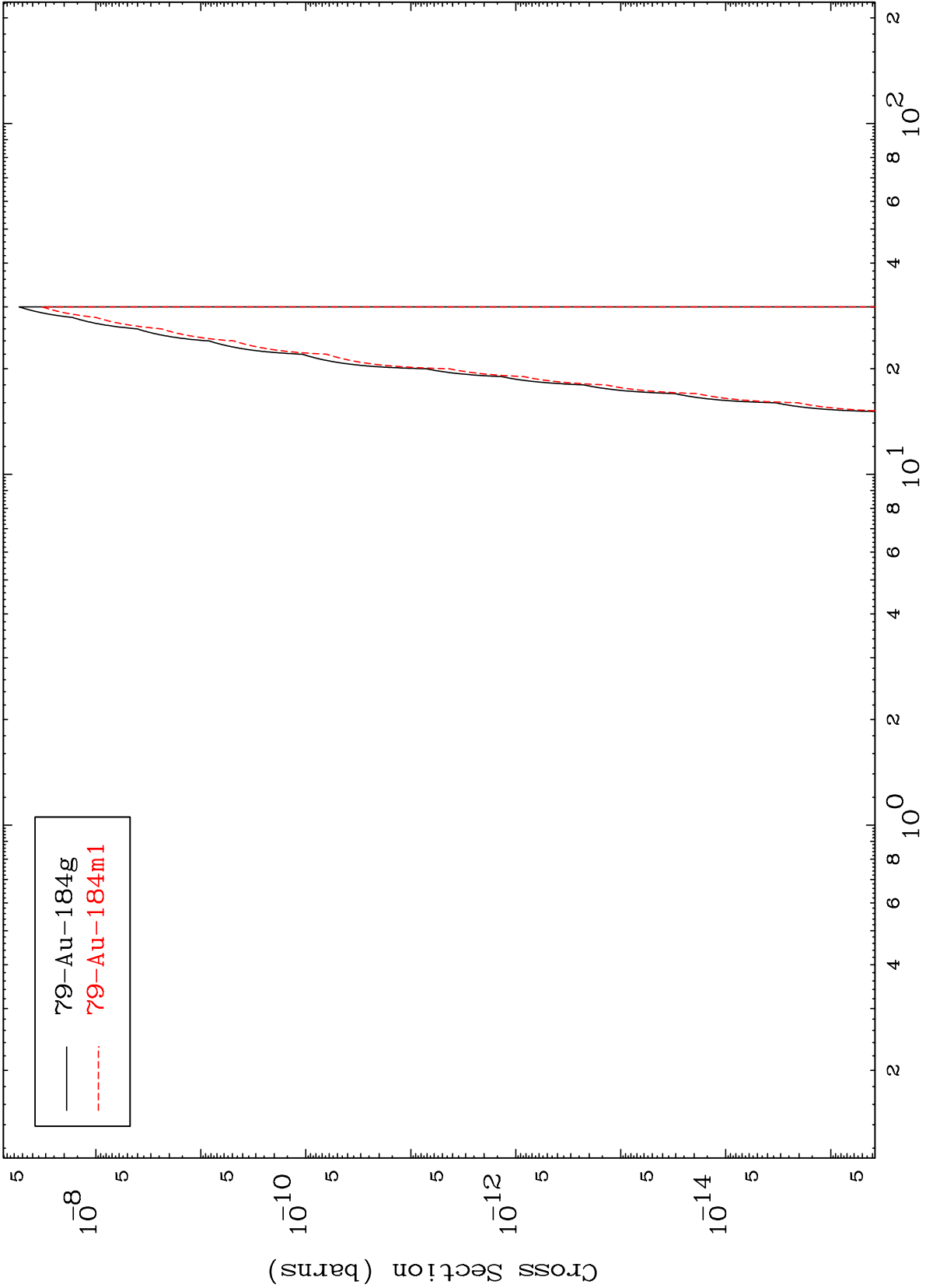
81-Tl-190m

MAT 8087

(n,n') 2α

81-Tl-190m

Radionuclide Production Cross Section



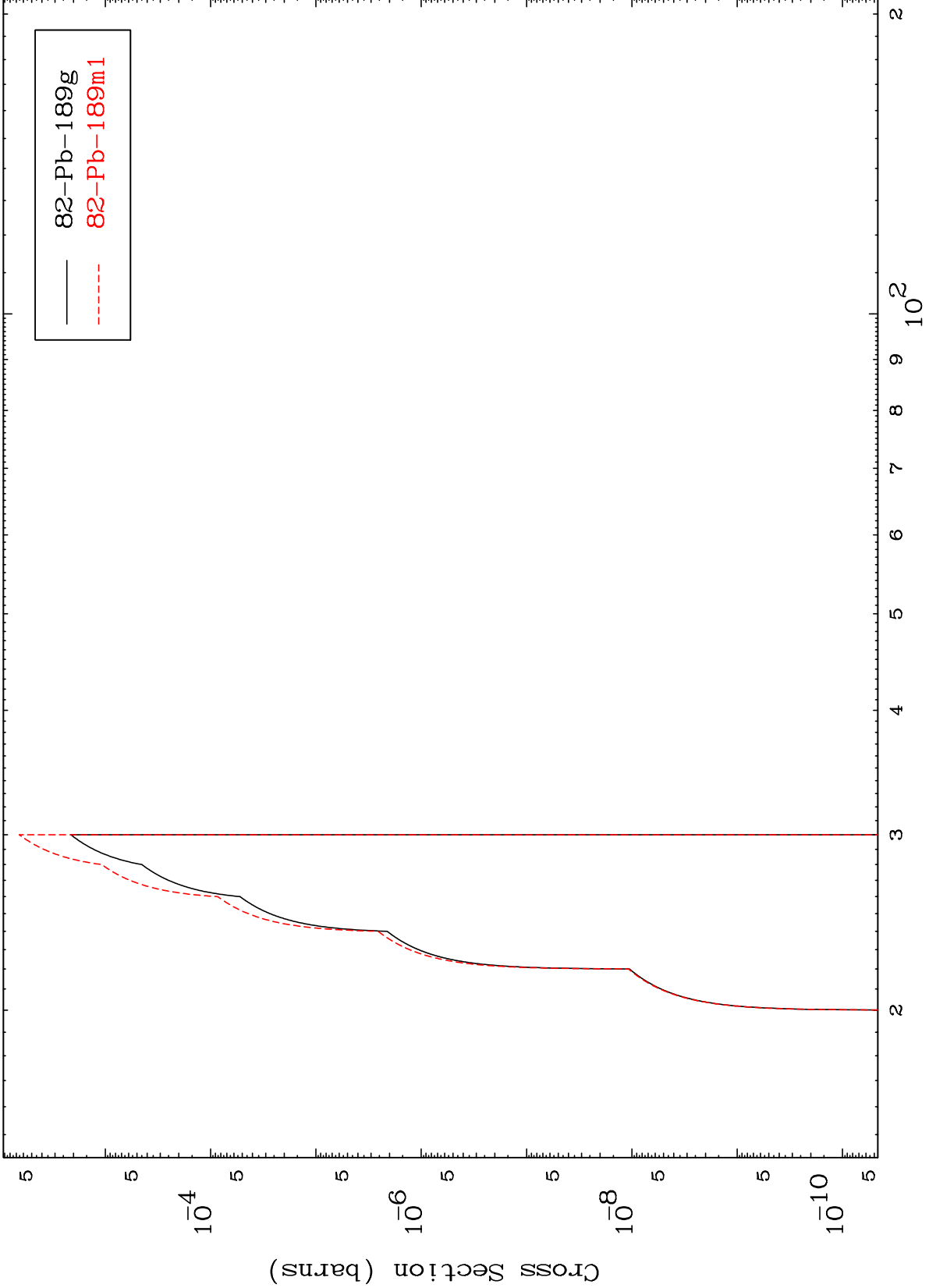
79-Au-184g
79-Au-184m1

MAT 8087

(n,n') t

81-Tl-190m

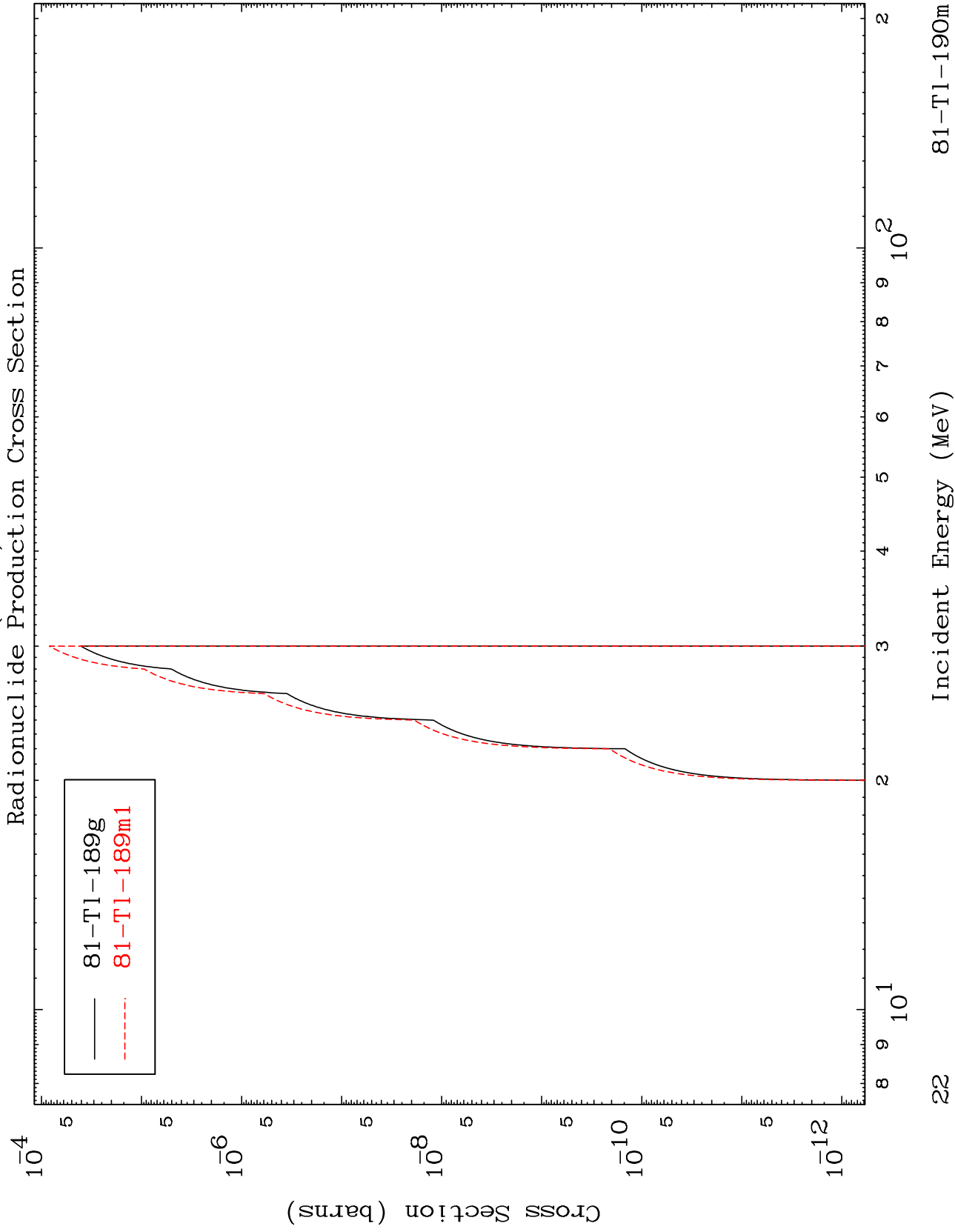
Radionuclide Production Cross Section



MAT 8087

(n,n') He-3

81-Tl-190m

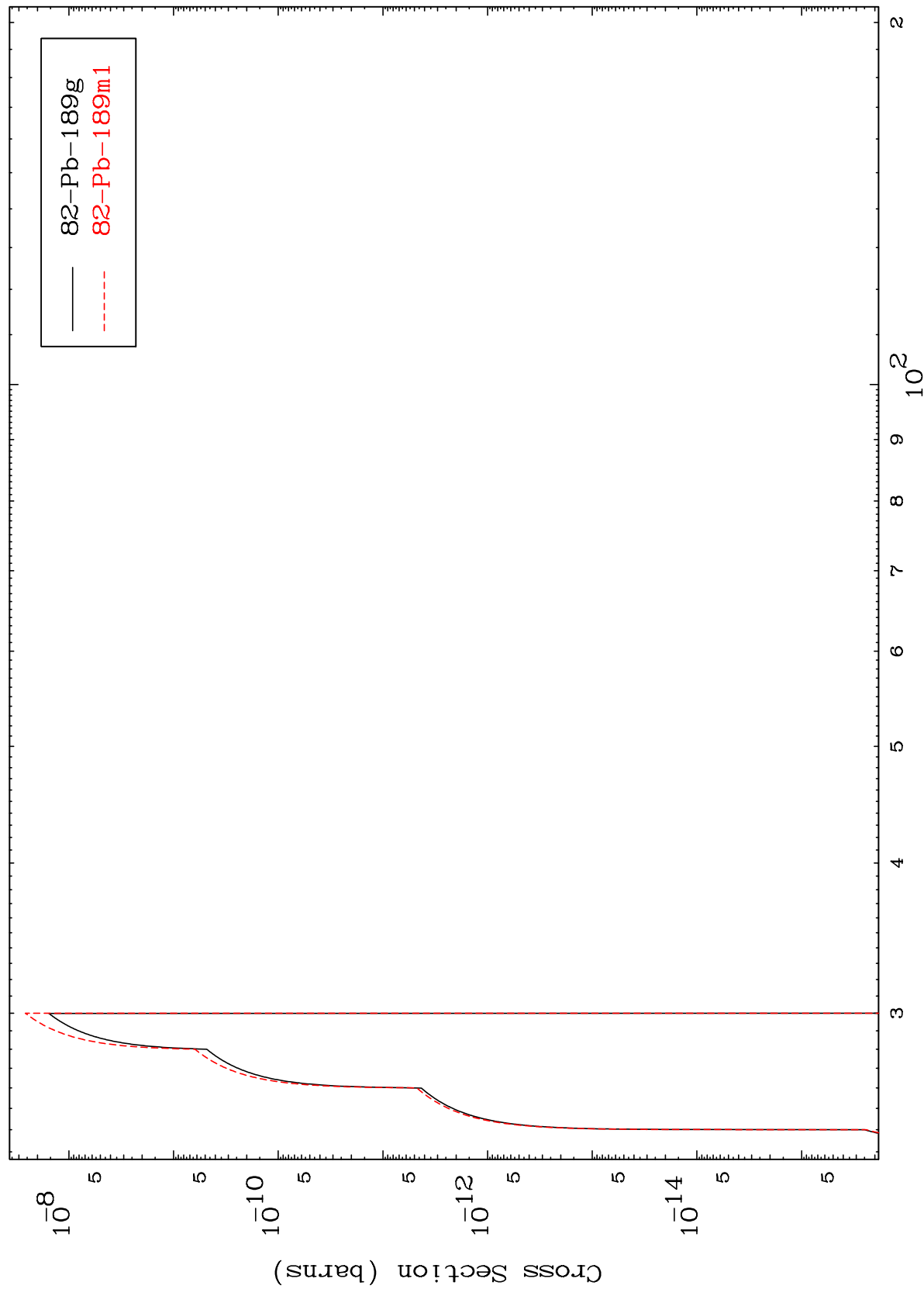


MAT 8087

(n,3n) p

81-Tl-190m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

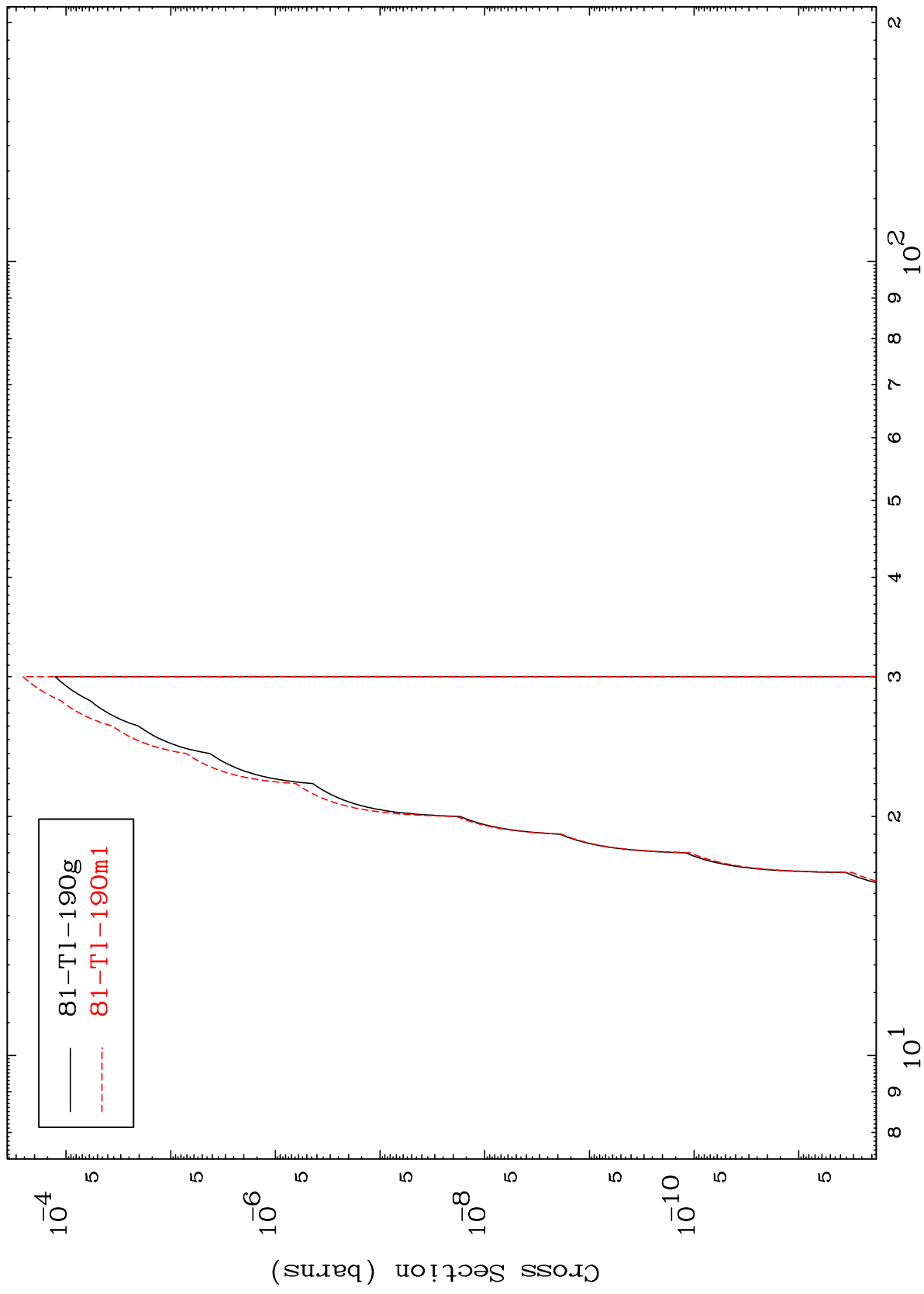
81-Tl-190m

MAT 8087

(n,2n) p

81-Tl-190m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

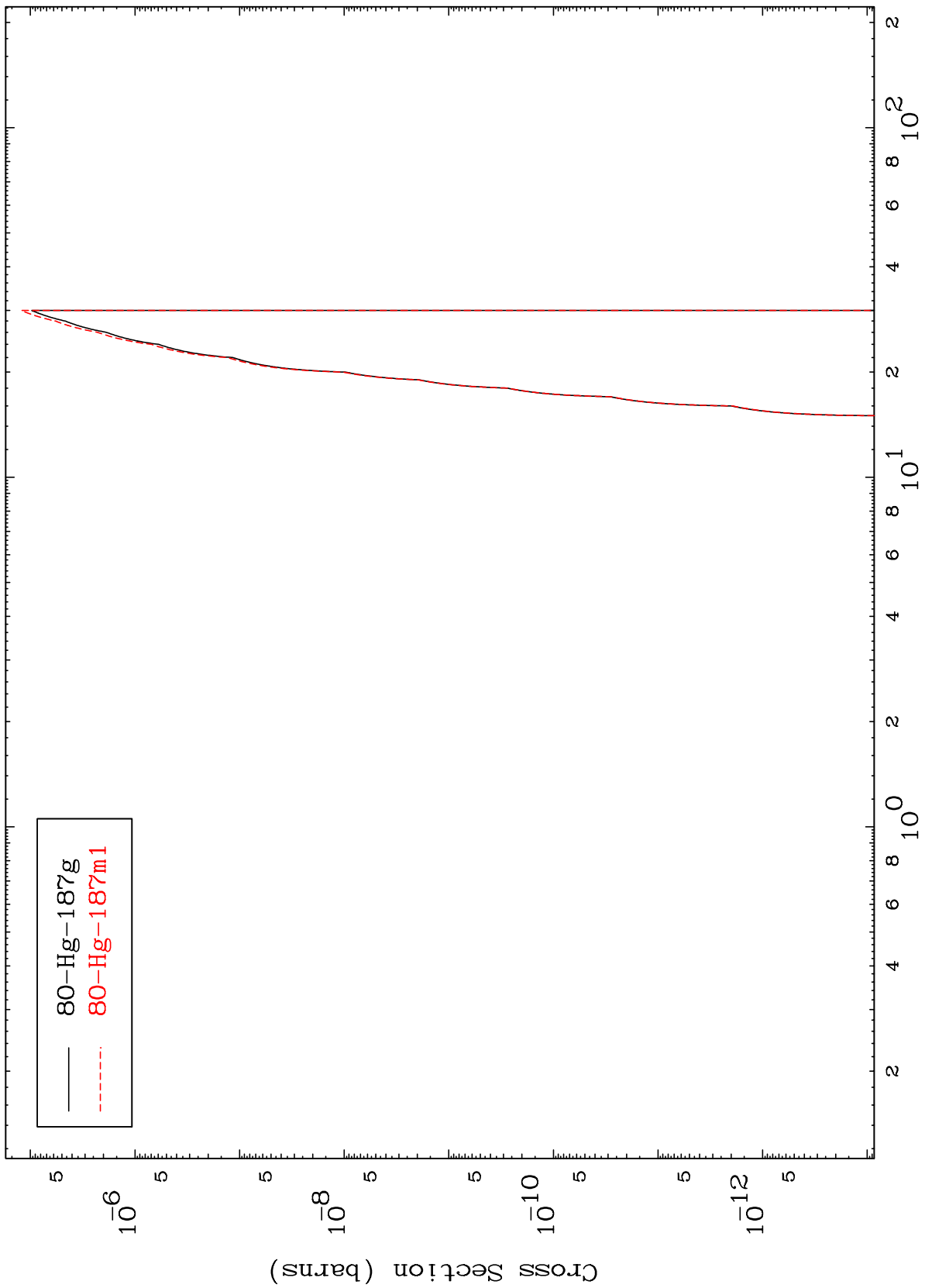
81-Tl-190m

MAT 8087

(n,n') p α

81-Tl-190m

Radionuclide Production Cross Section

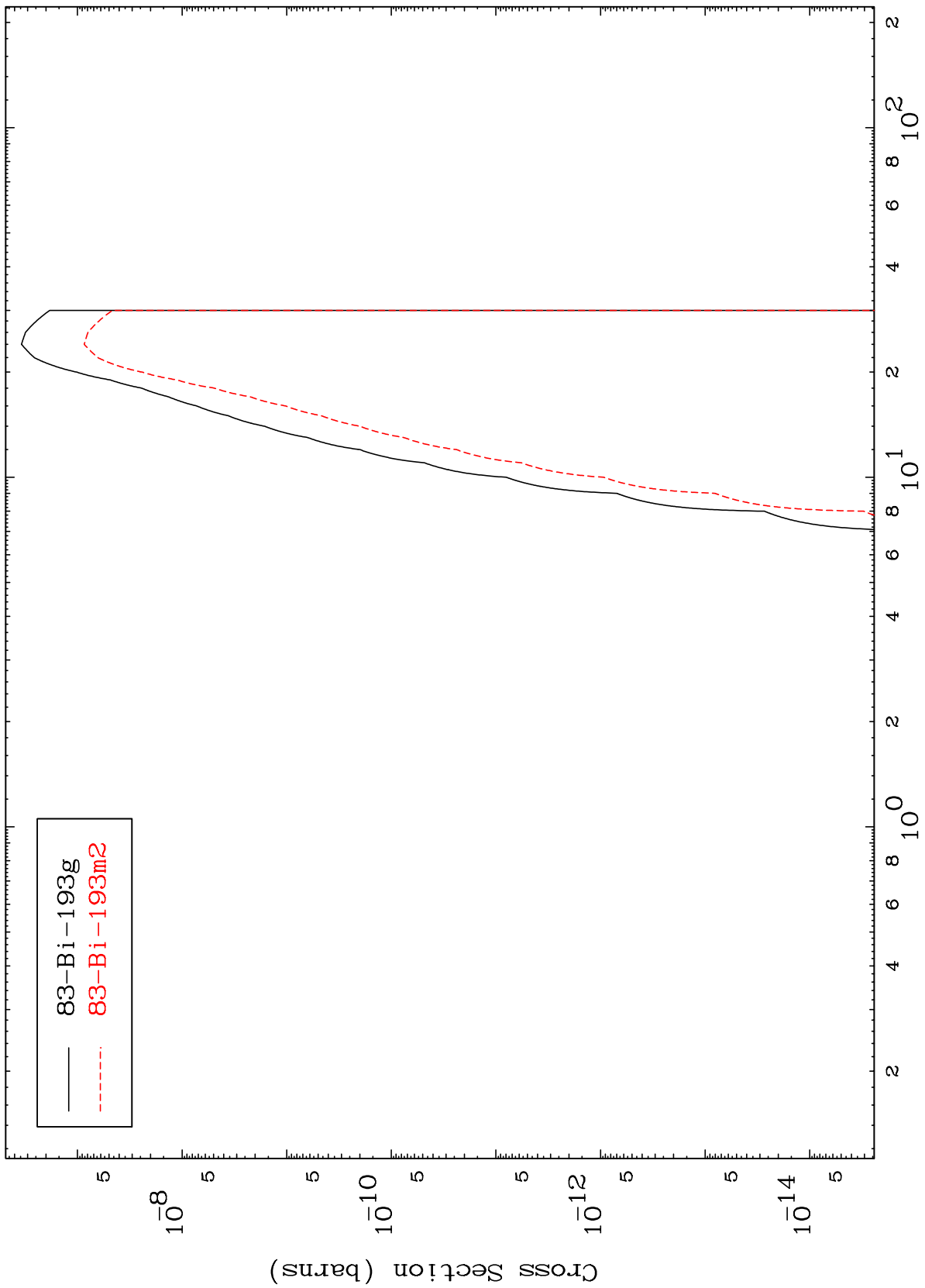


80-Hg-187g
80-Hg-187m1

MAT 8087

81-Tl-190m

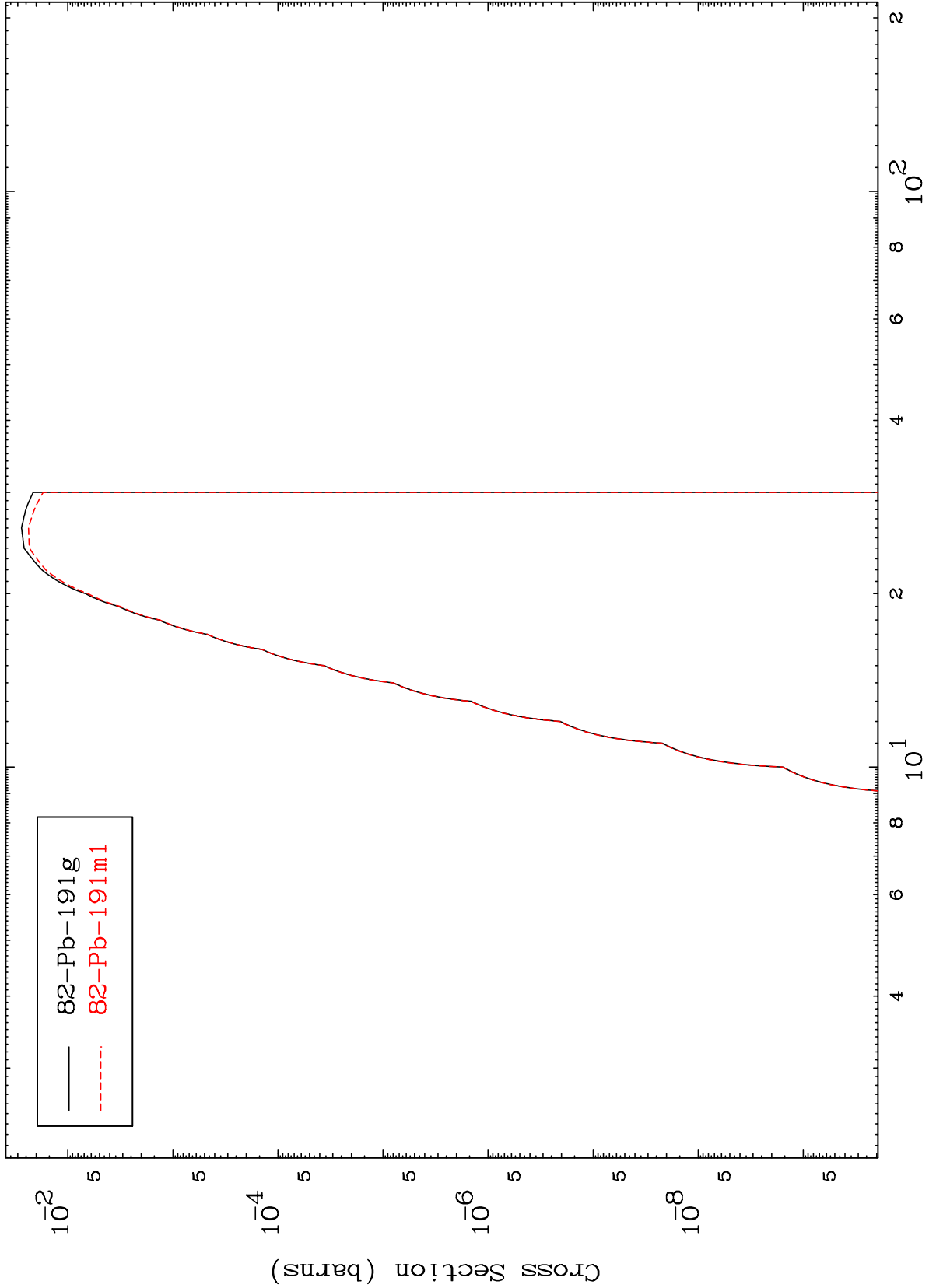
Radionuclide Production Cross Section



MAT 8087

81-Tl-190m

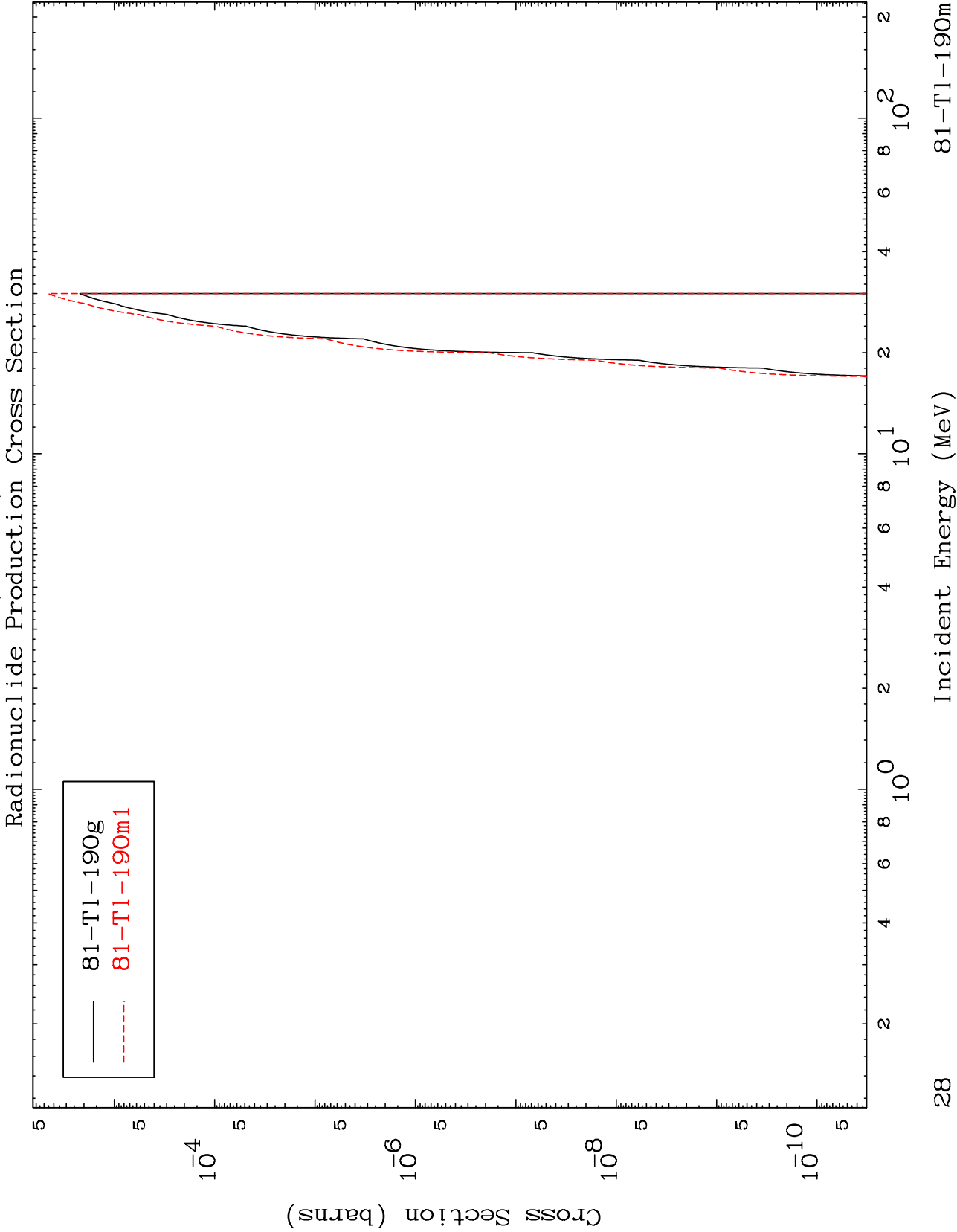
(n,d)
Radionuclide Production Cross Section



MAT 8087

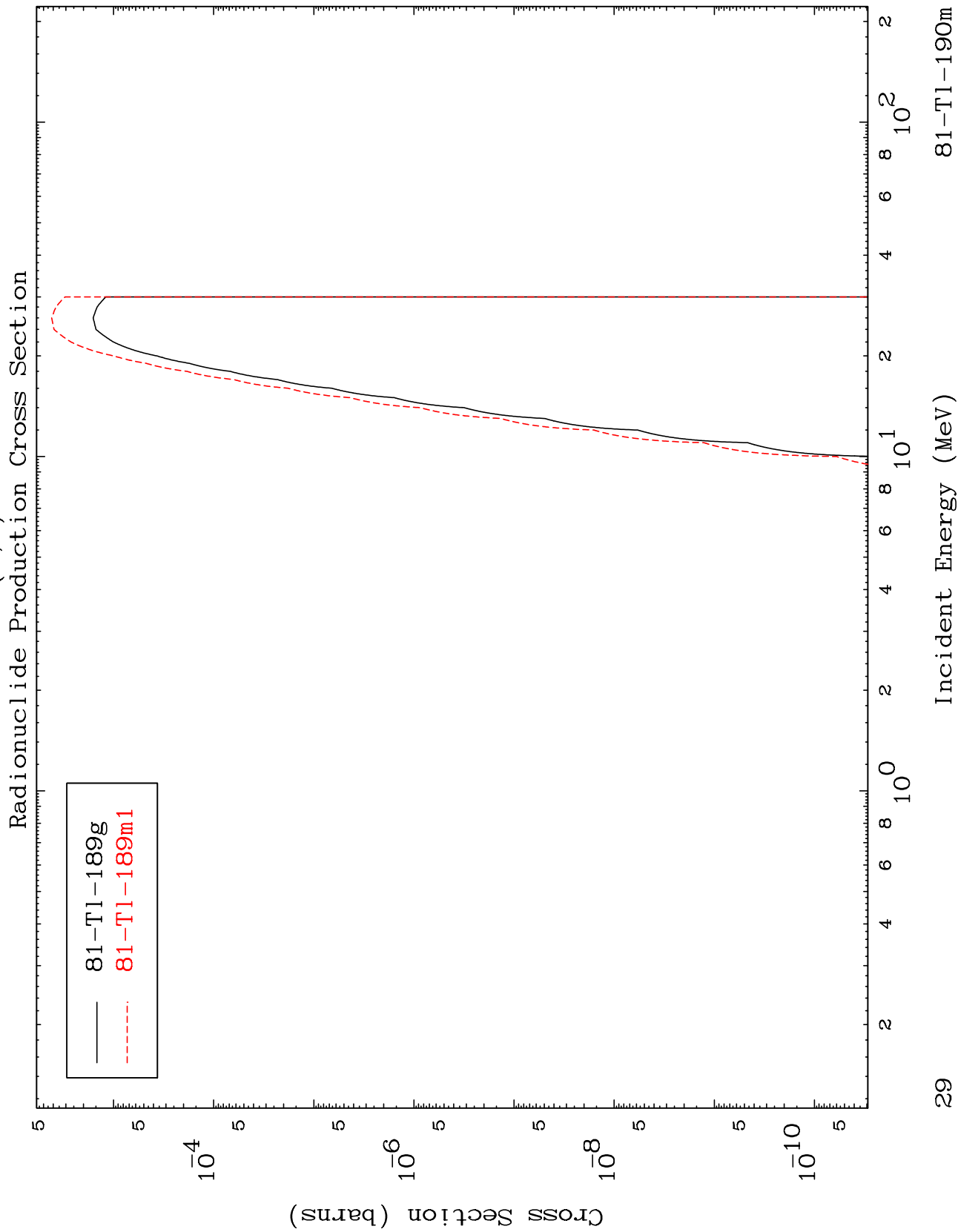
(n,He-3)

81-Tl-190m



MAT 8087

81-Tl-190m

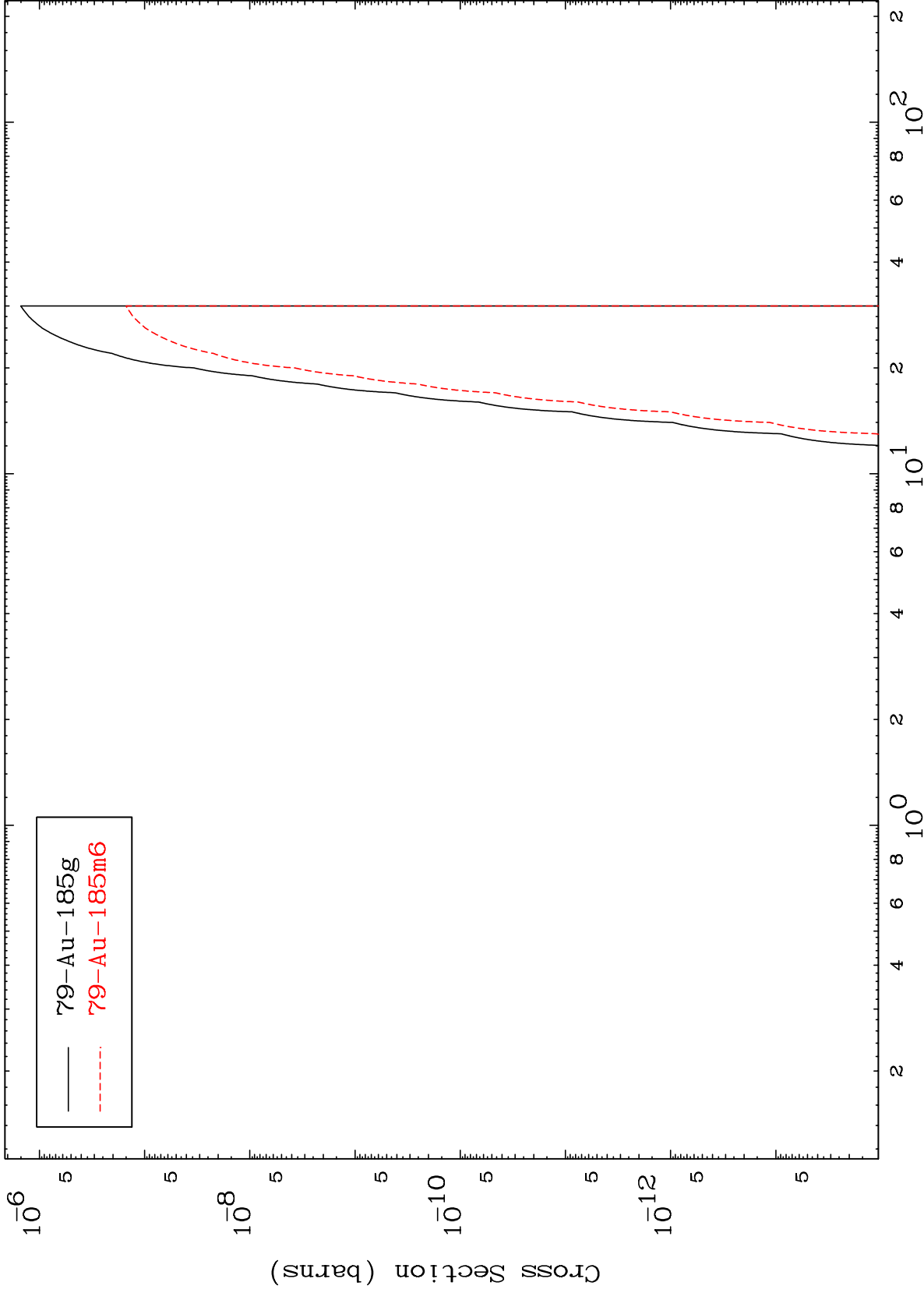


81-Tl-189g
81-Tl-189m1

MAT 8087

81-Tl-190m

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-190m

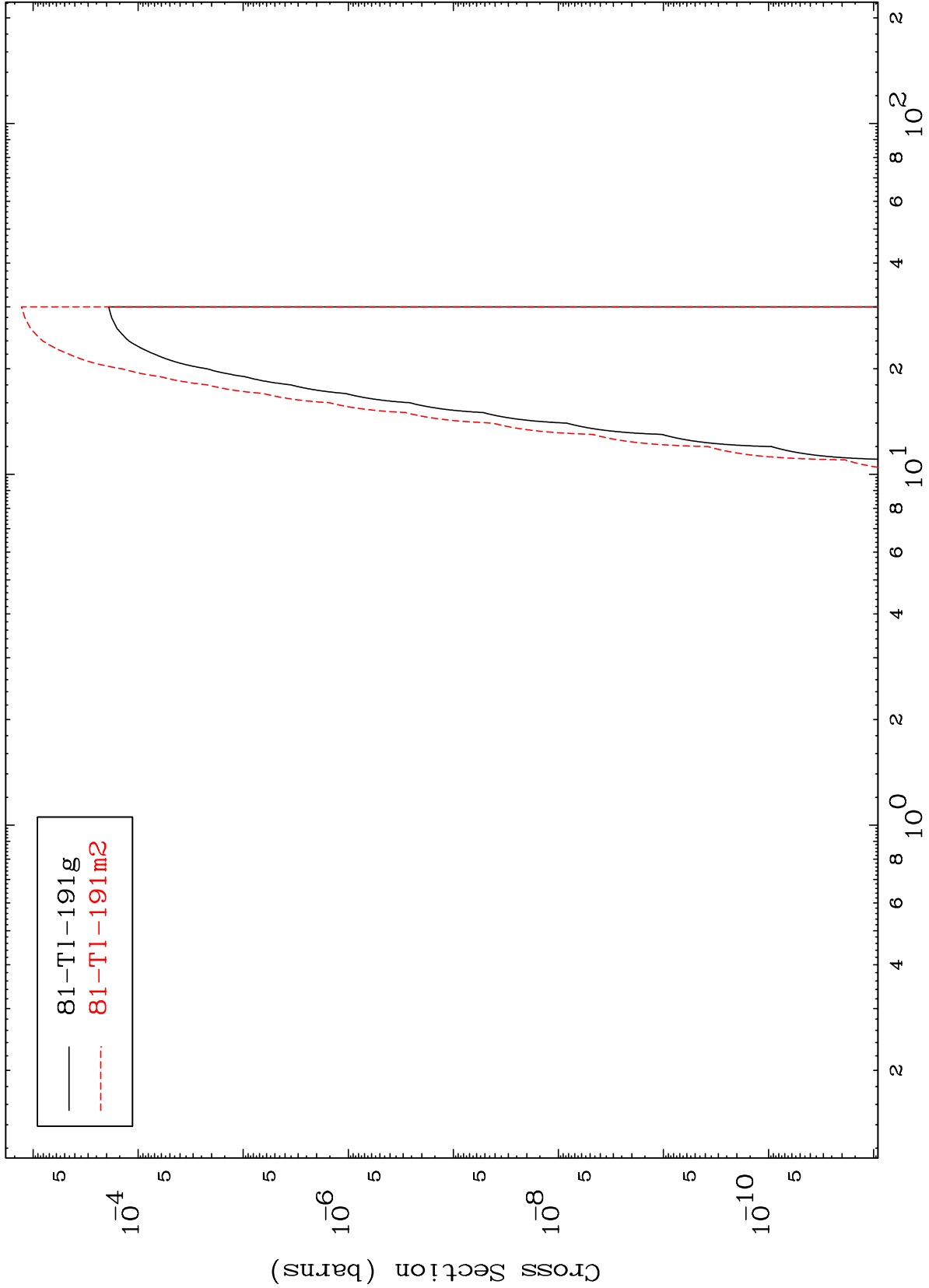
30

MAT 8087

(n,2p)

81-Tl-190m

Radionuclide Production Cross Section

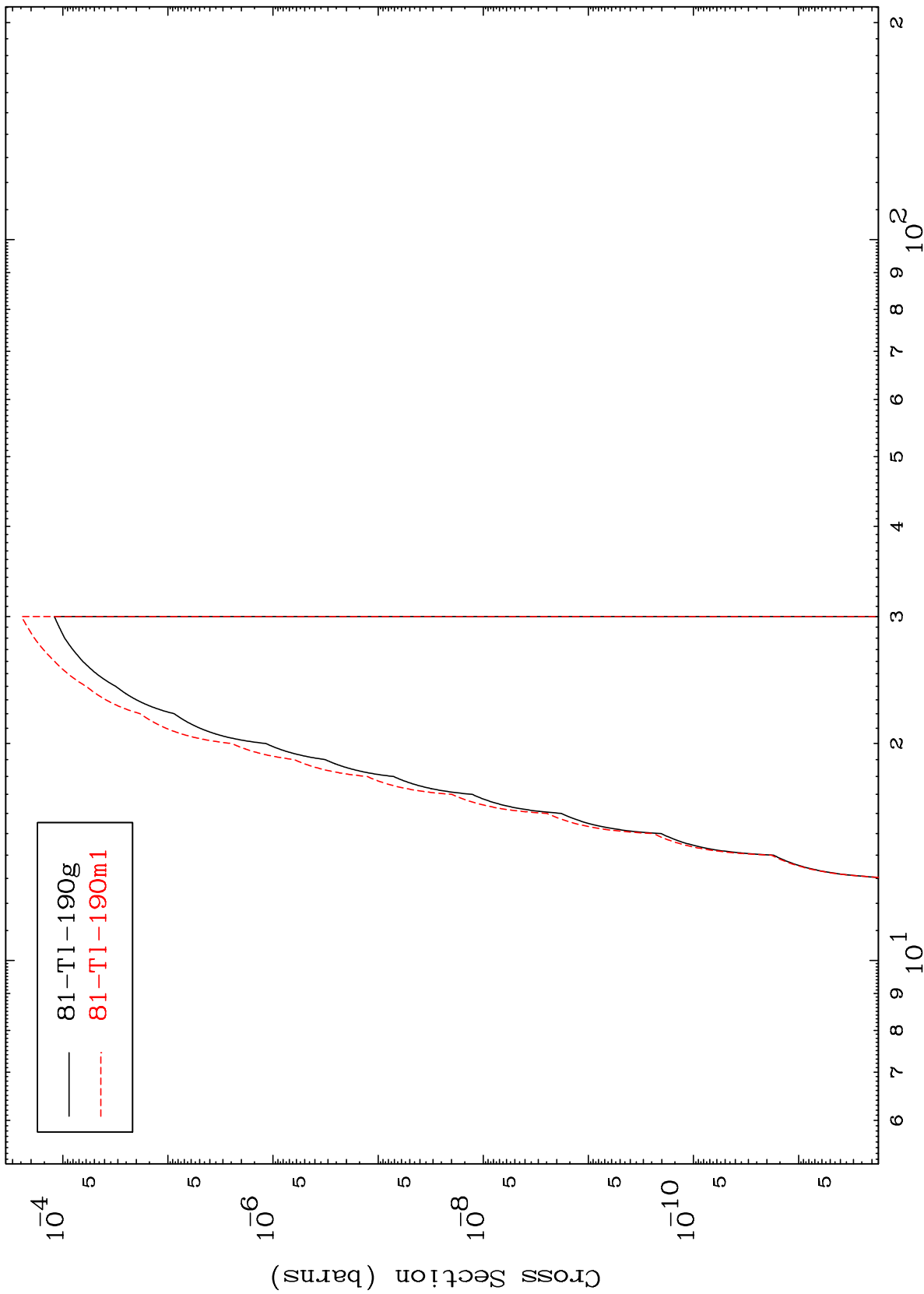


MAT 8087

(n,p) d

81-Tl-190m

Radionuclide Production Cross Section



81-Tl-190g
81-Tl-190m1

Incident Energy (MeV)

81-Tl-190m

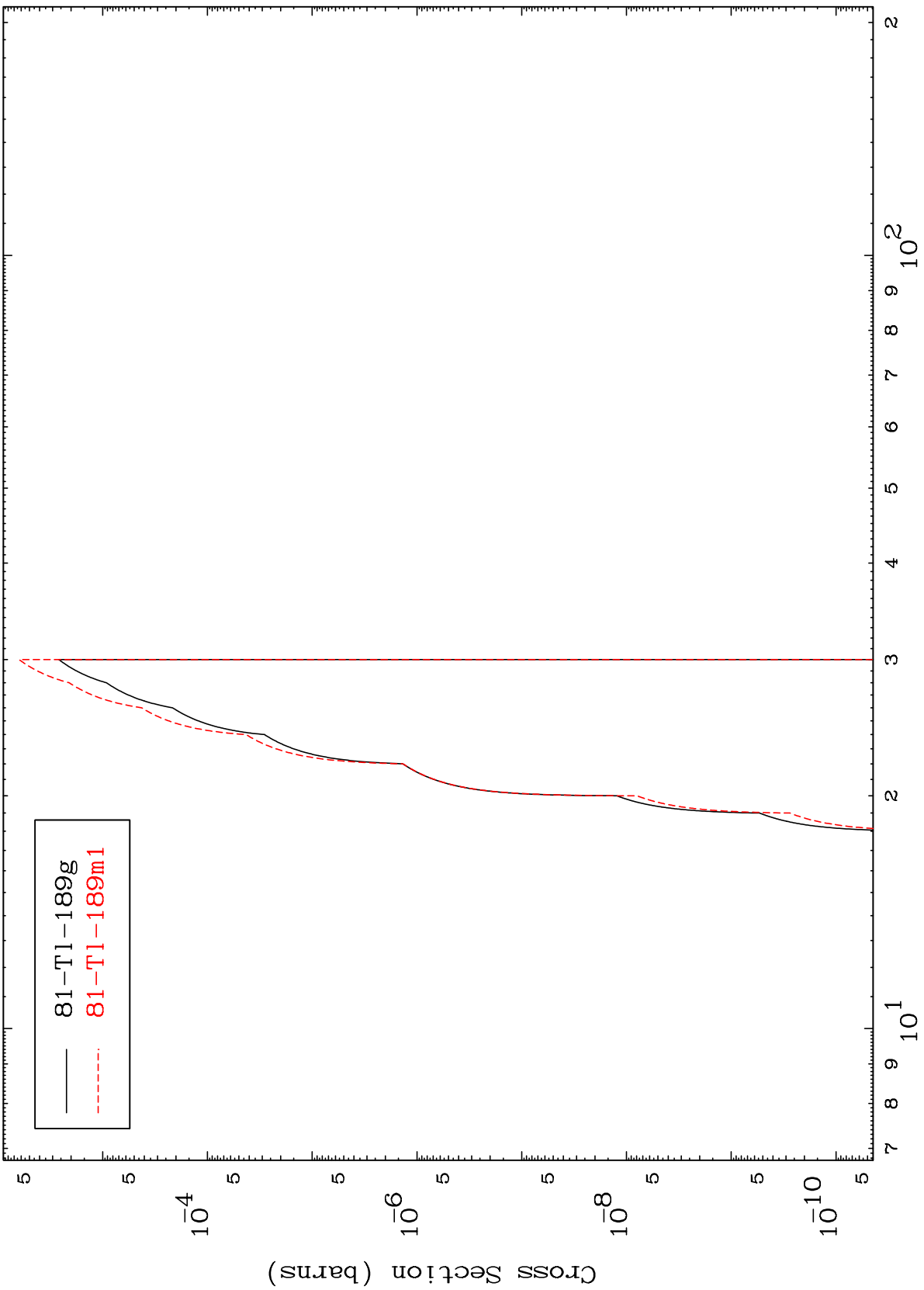
32

MAT 8087

(n,p) t

81-Tl-190m

Radionuclide Production Cross Section



81-Tl-189g
81-Tl-189m1

Incident Energy (MeV)

81-Tl-190m

33

MAT 8087

(n,d) α

81-Tl-190m

Radionuclide Production Cross Section

