

Program EVALPLOT
(Version 2018-1)

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

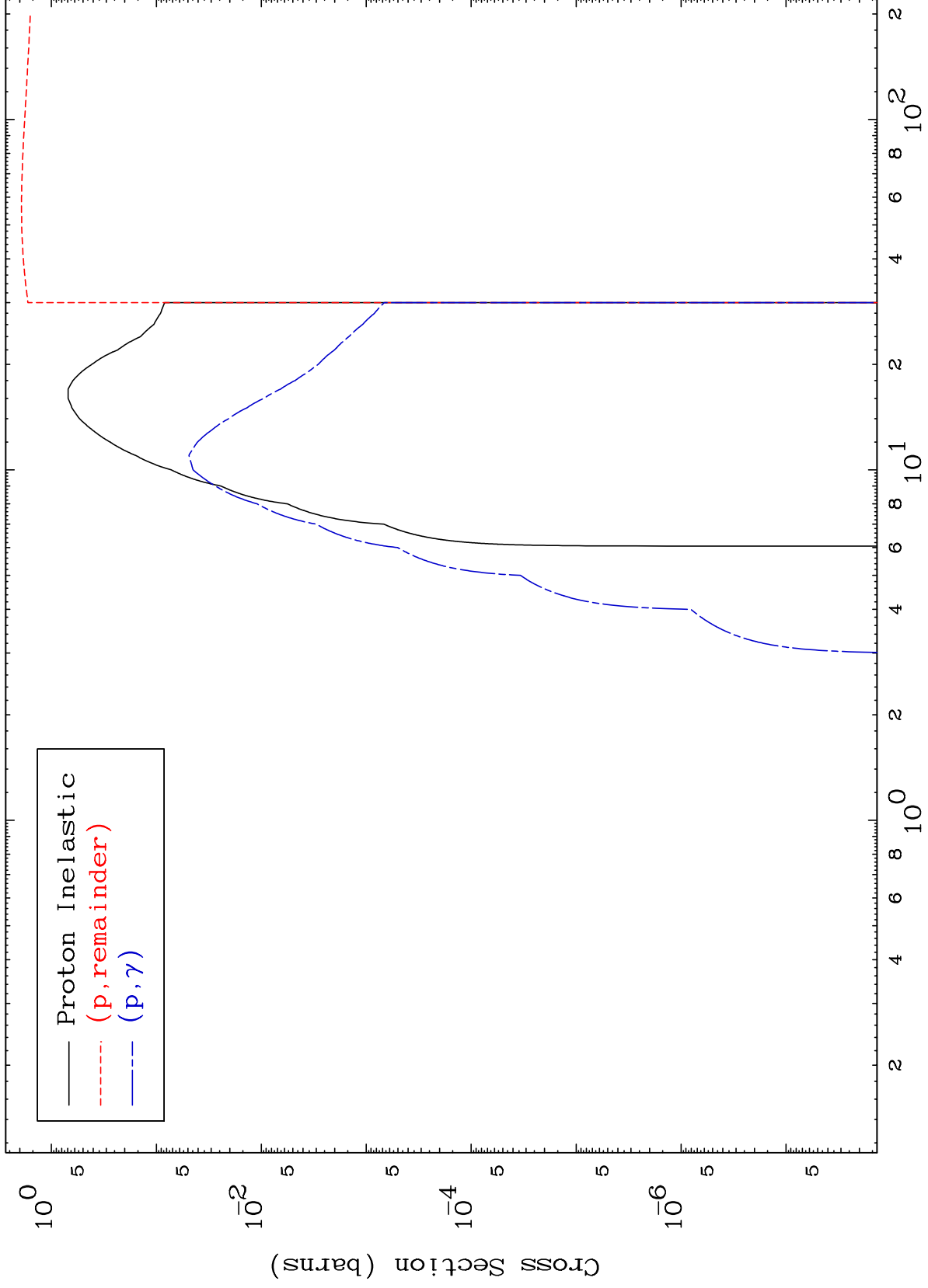
Press Mouse Button to Start

MAT 8095

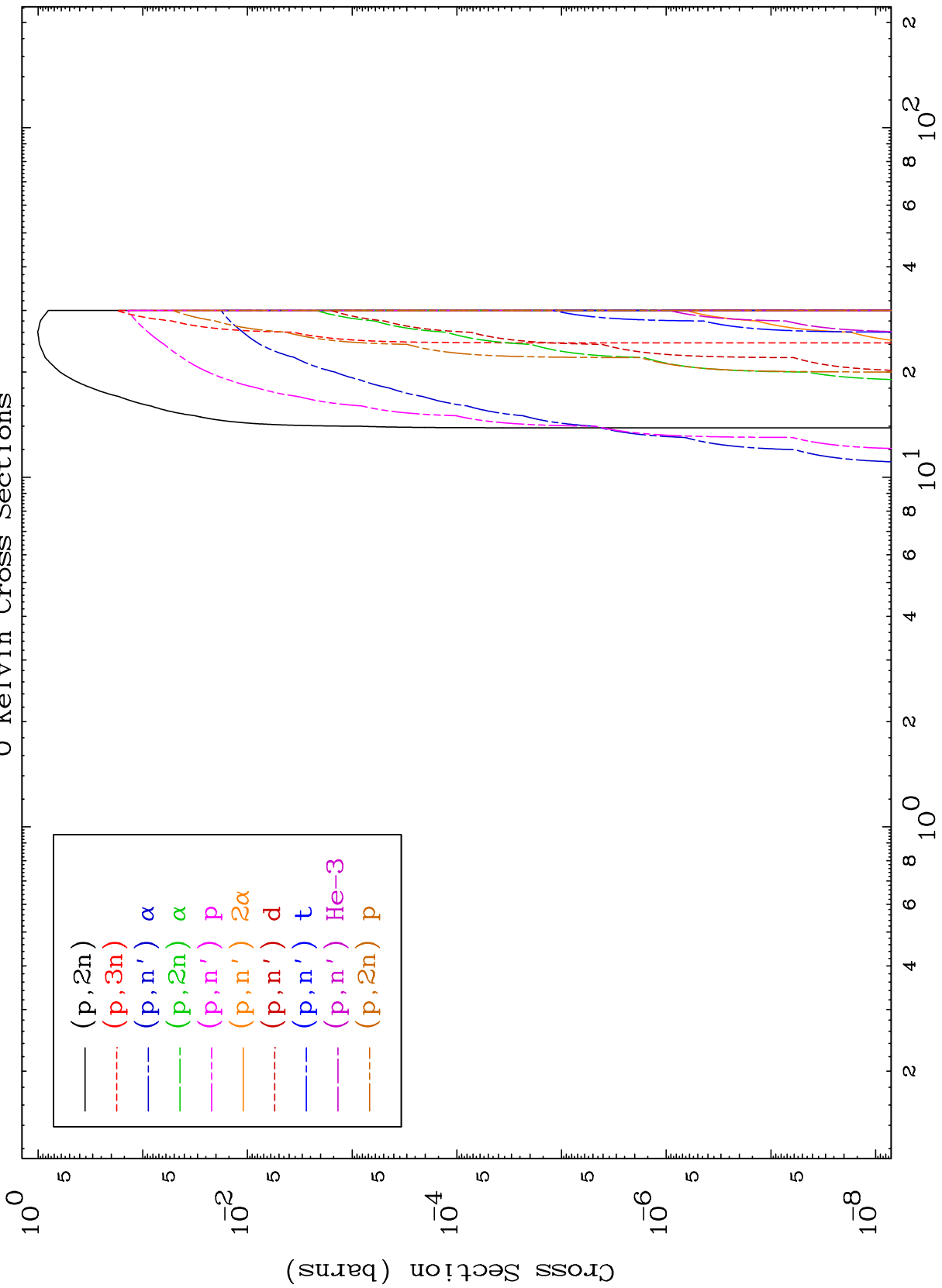
Proton Major

81-T1-193

0 Kelvin Cross Sections



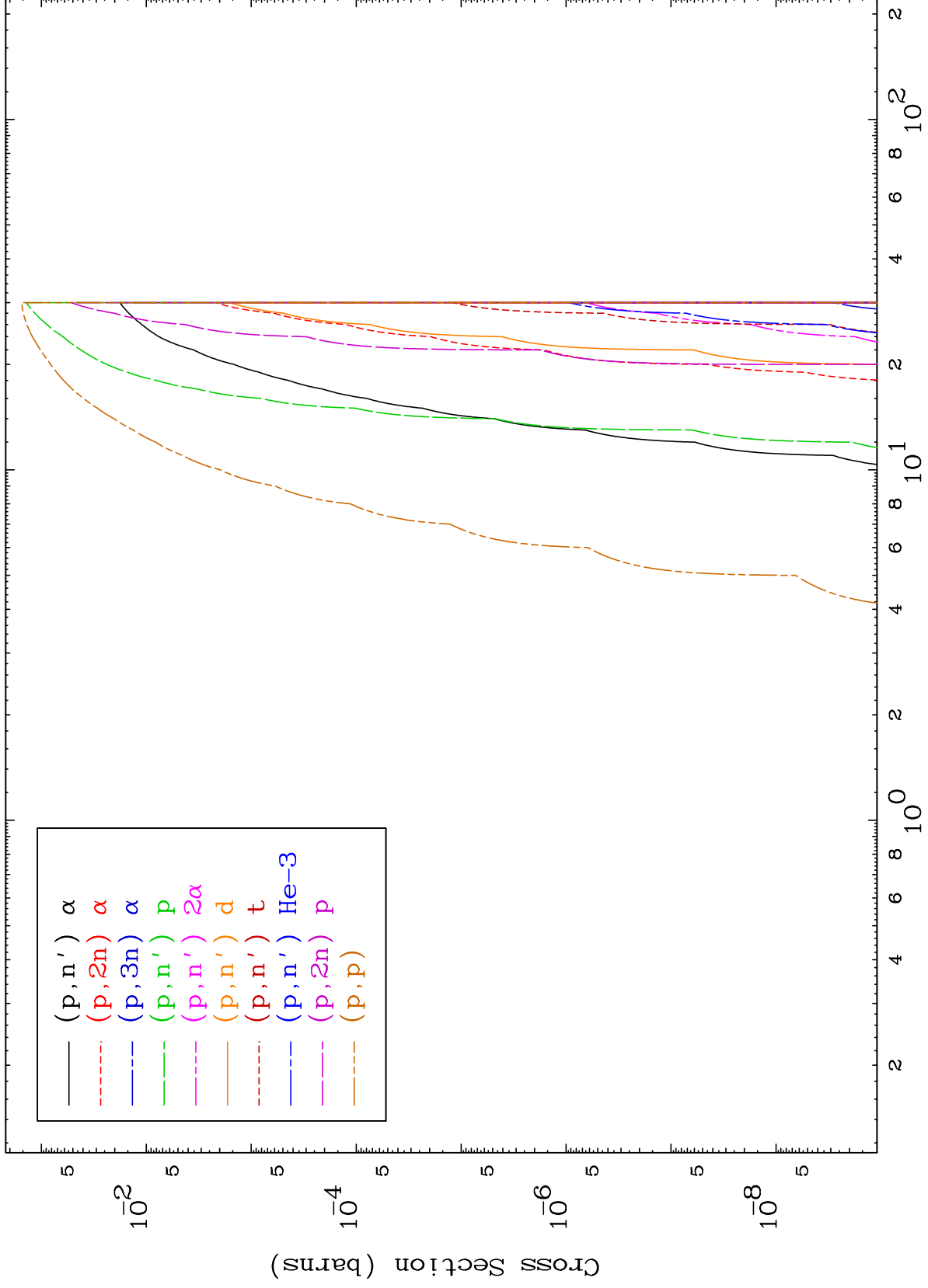
— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)

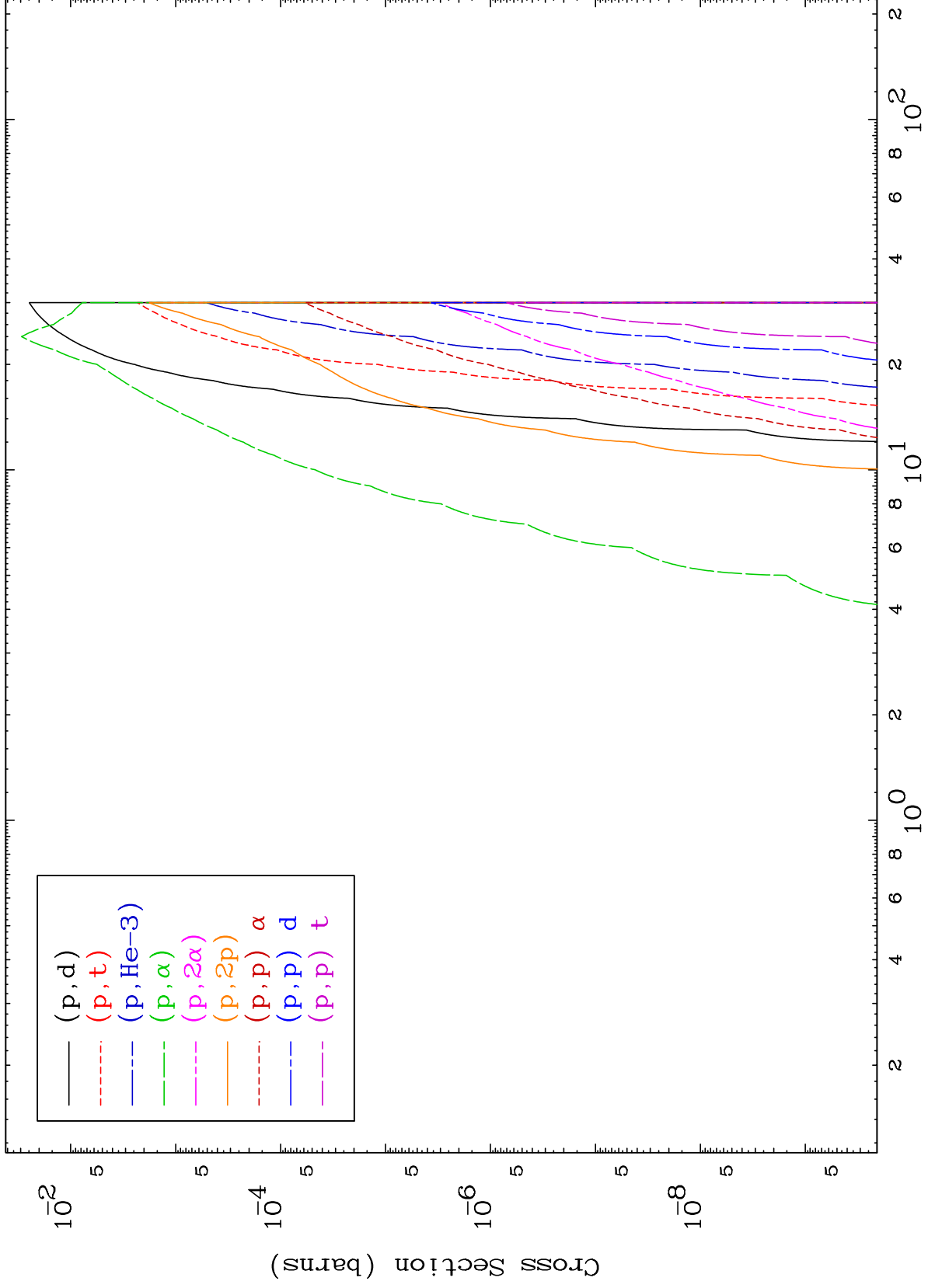


MAT 8095

Proton Charged Particle
0 Kelvin Cross Sections

81-Tl-193



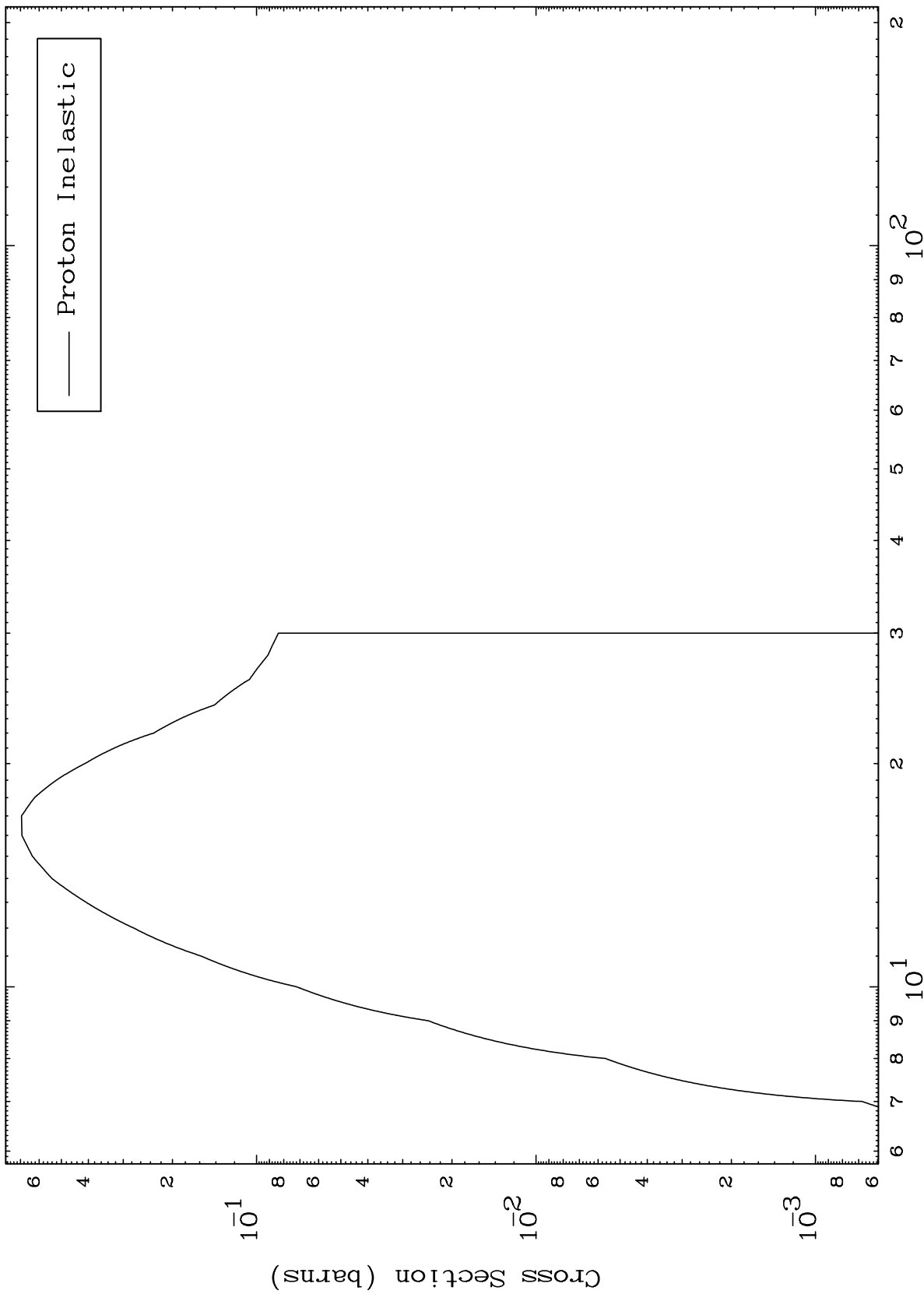


MAT 8095

(p,n') Level

81-Tl-193

0 Kelvin Cross Sections



5

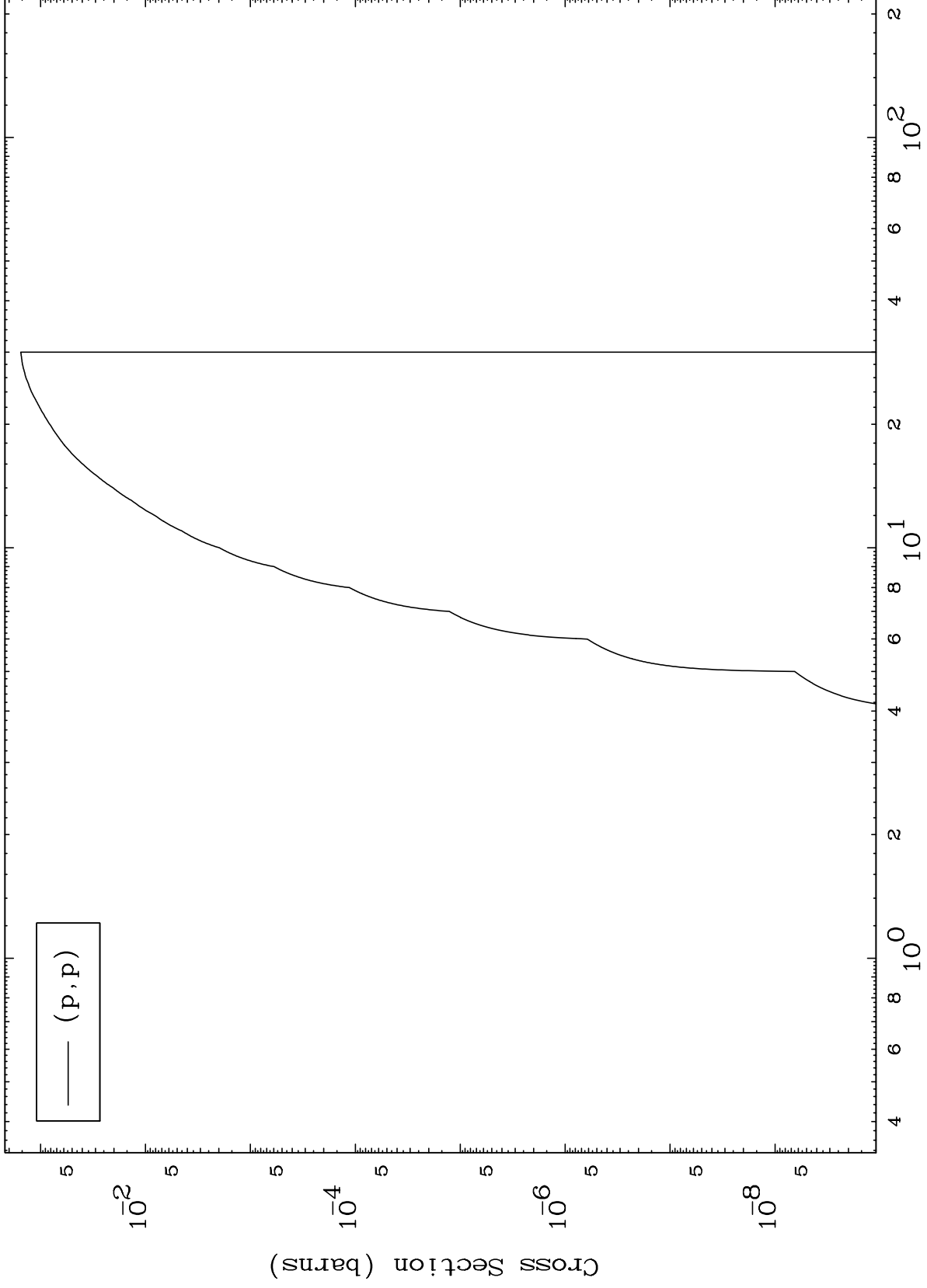
Incident Energy (MeV)

81-Tl-193

MAT 8095

(p,p) Levels
0 Kelvin Cross Sections

81-Tl-193



6

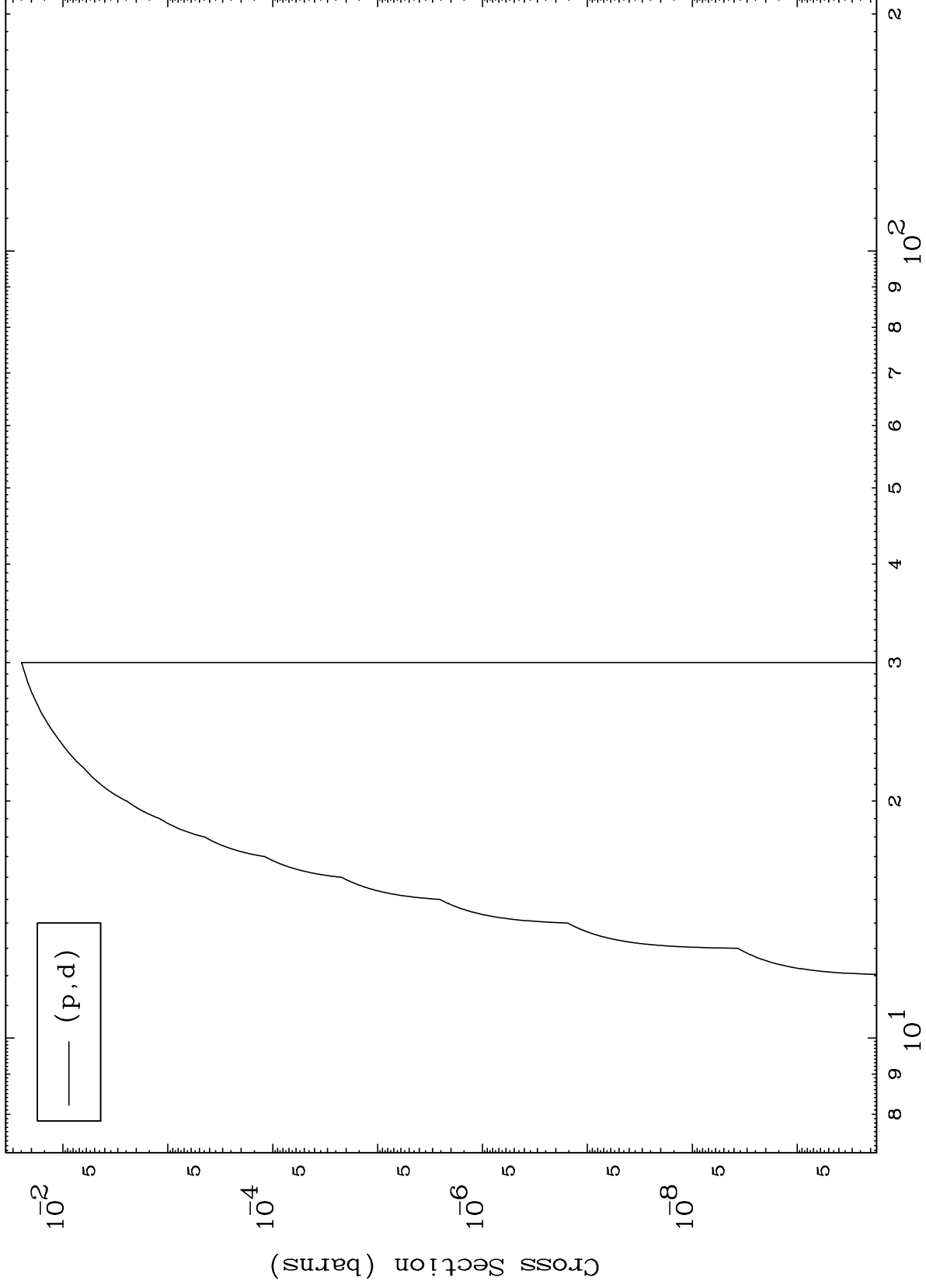
Incident Energy (MeV)

81-Tl-193

MAT 8095

(p,d) Levels
0 Kelvin Cross Sections

81-Tl-193



7

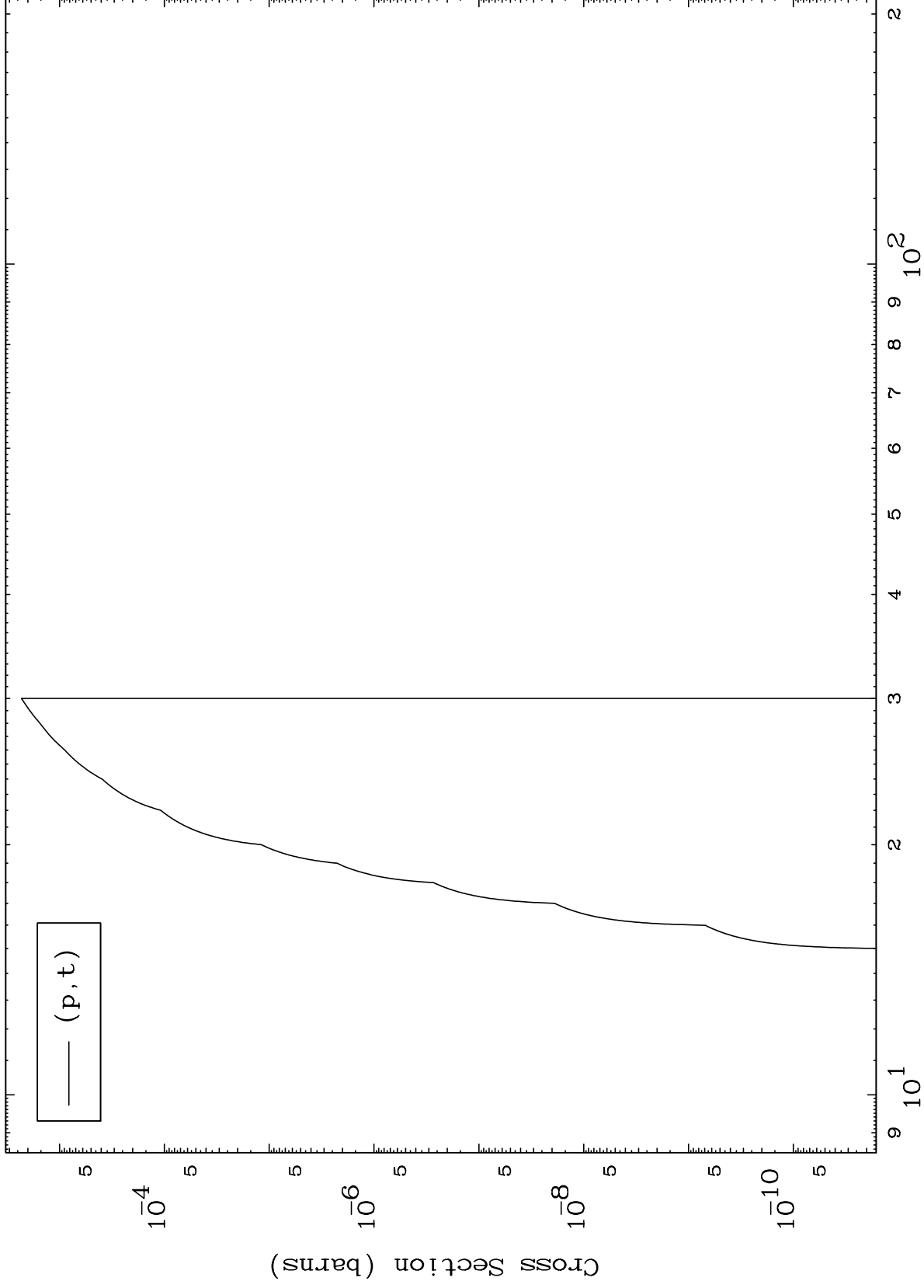
Incident Energy (MeV)

81-Tl-193

MAT 8095

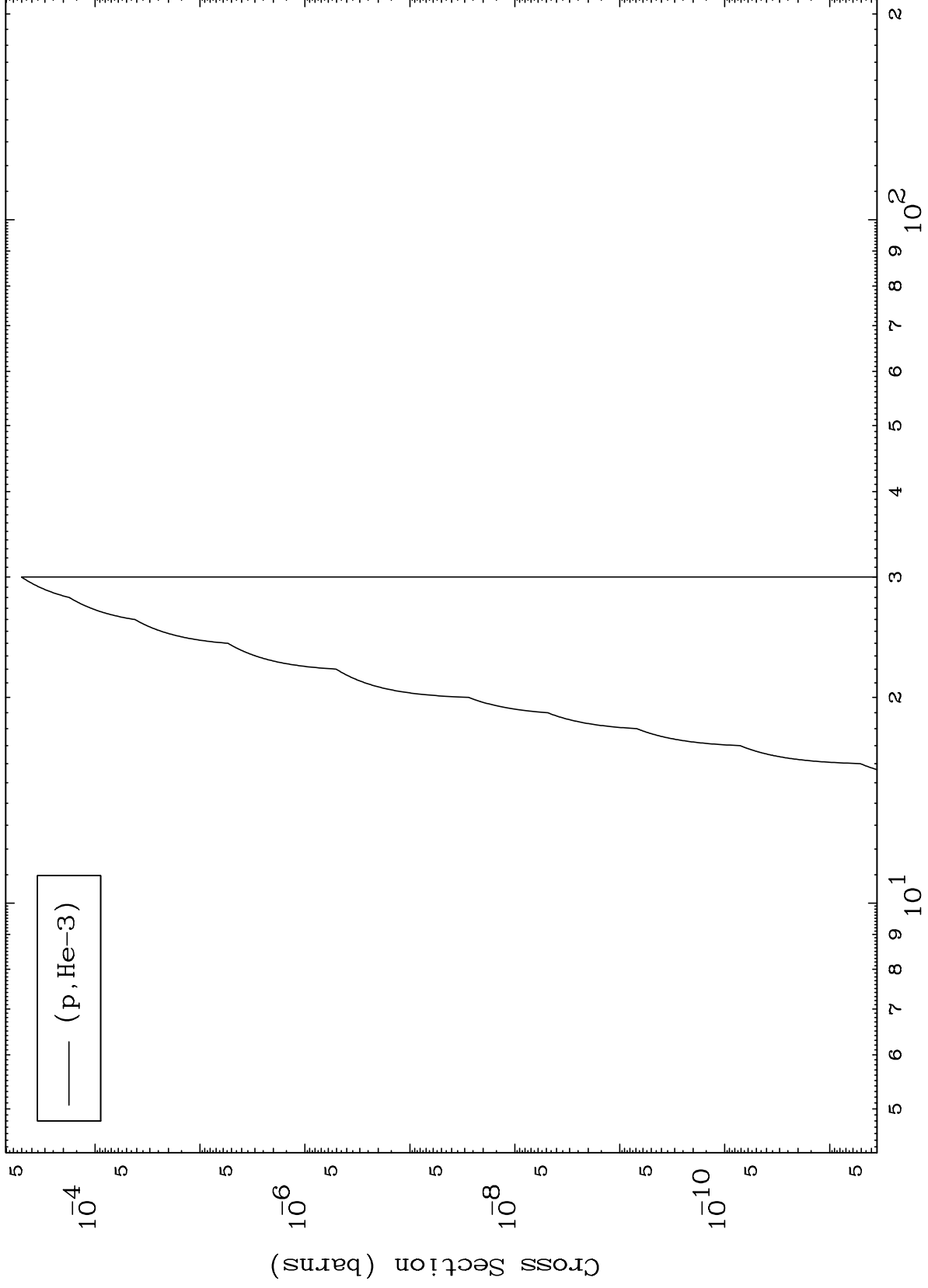
(p,t) Levels
0 Kelvin Cross Sections

81-Tl-193



Incident Energy (MeV)

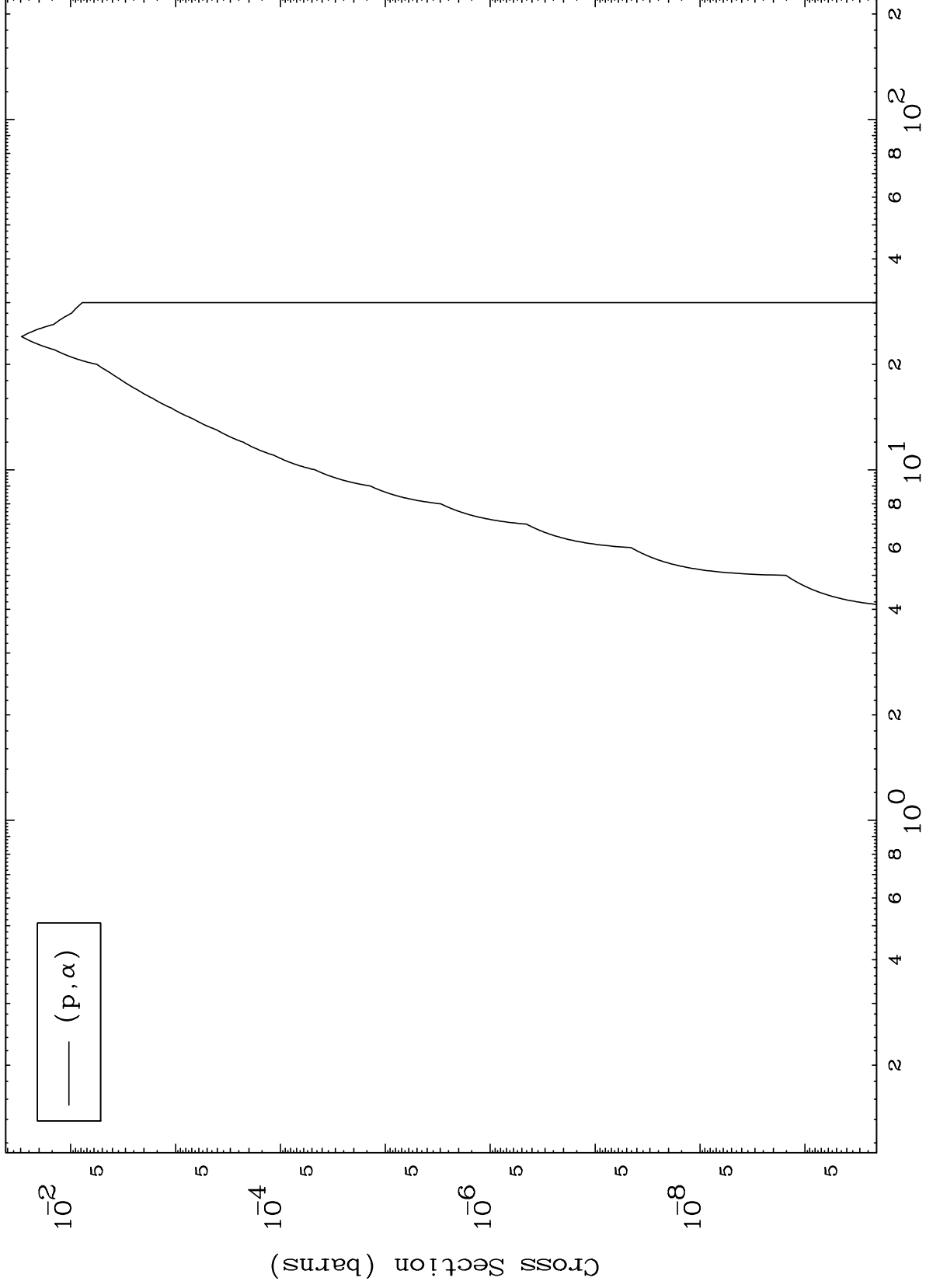
81-Tl-193



MAT 8095

(p, α) Levels
0 Kelvin Cross Sections

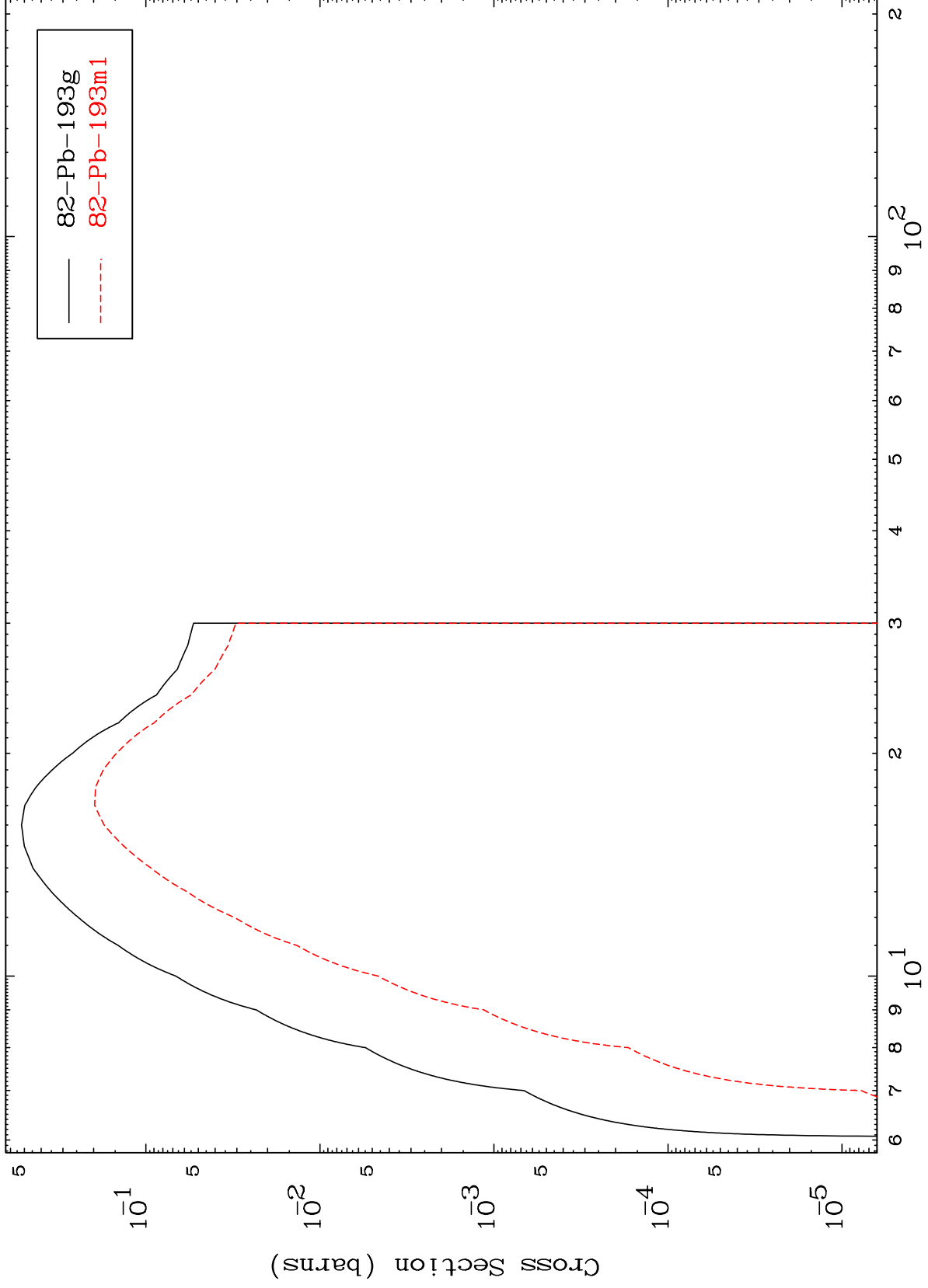
81-Tl-193



10

Incident Energy (MeV)

81-Tl-193

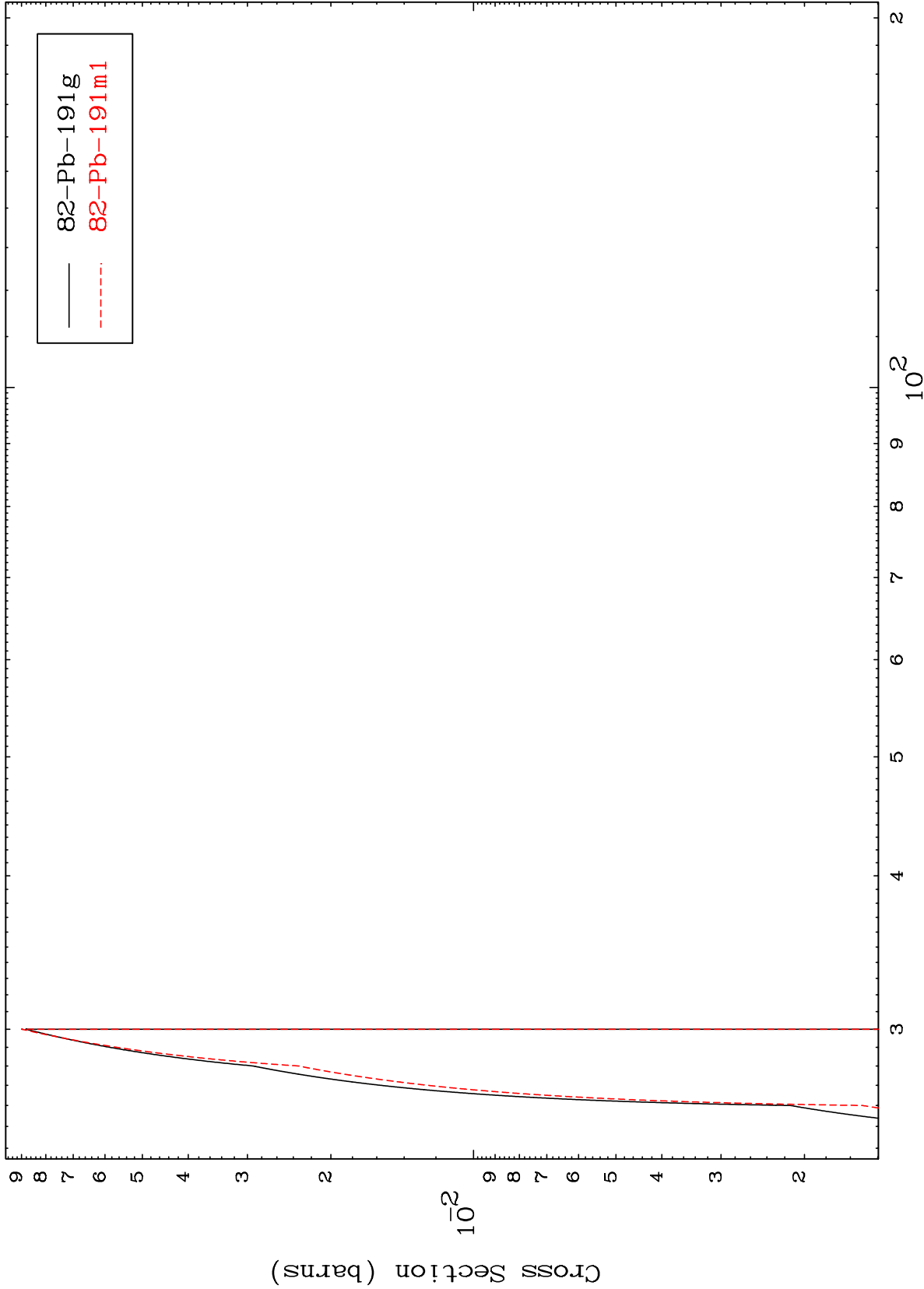


MAT 8095

(p,3n)

81-Tl-193

Radionuclide Production Cross Section



82-Pb-191g
82-Pb-191m1

12

Incident Energy (MeV)

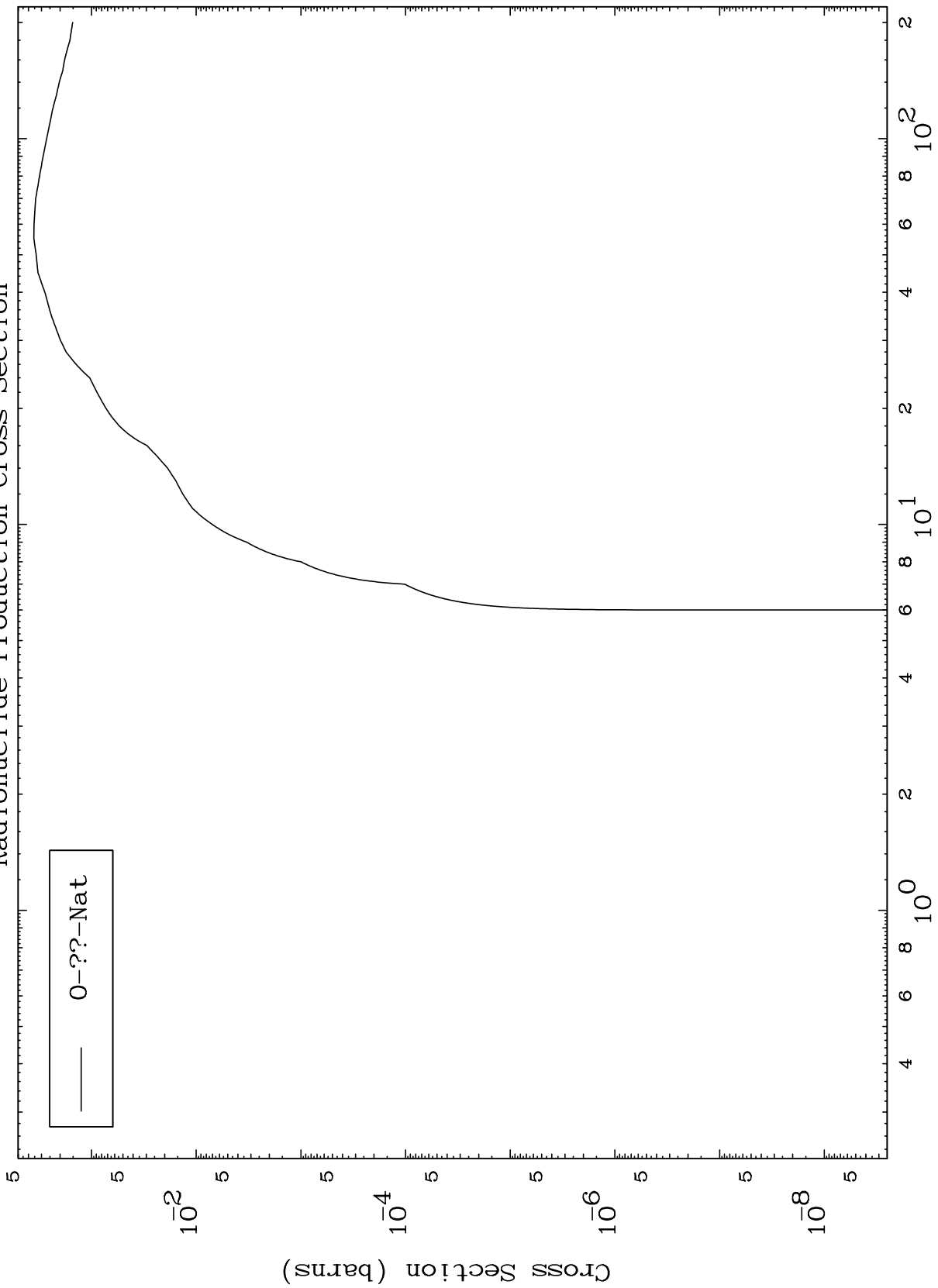
81-Tl-193

MAT 8095

Proton Fission

81-Tl-193

Radionuclide Production Cross Section

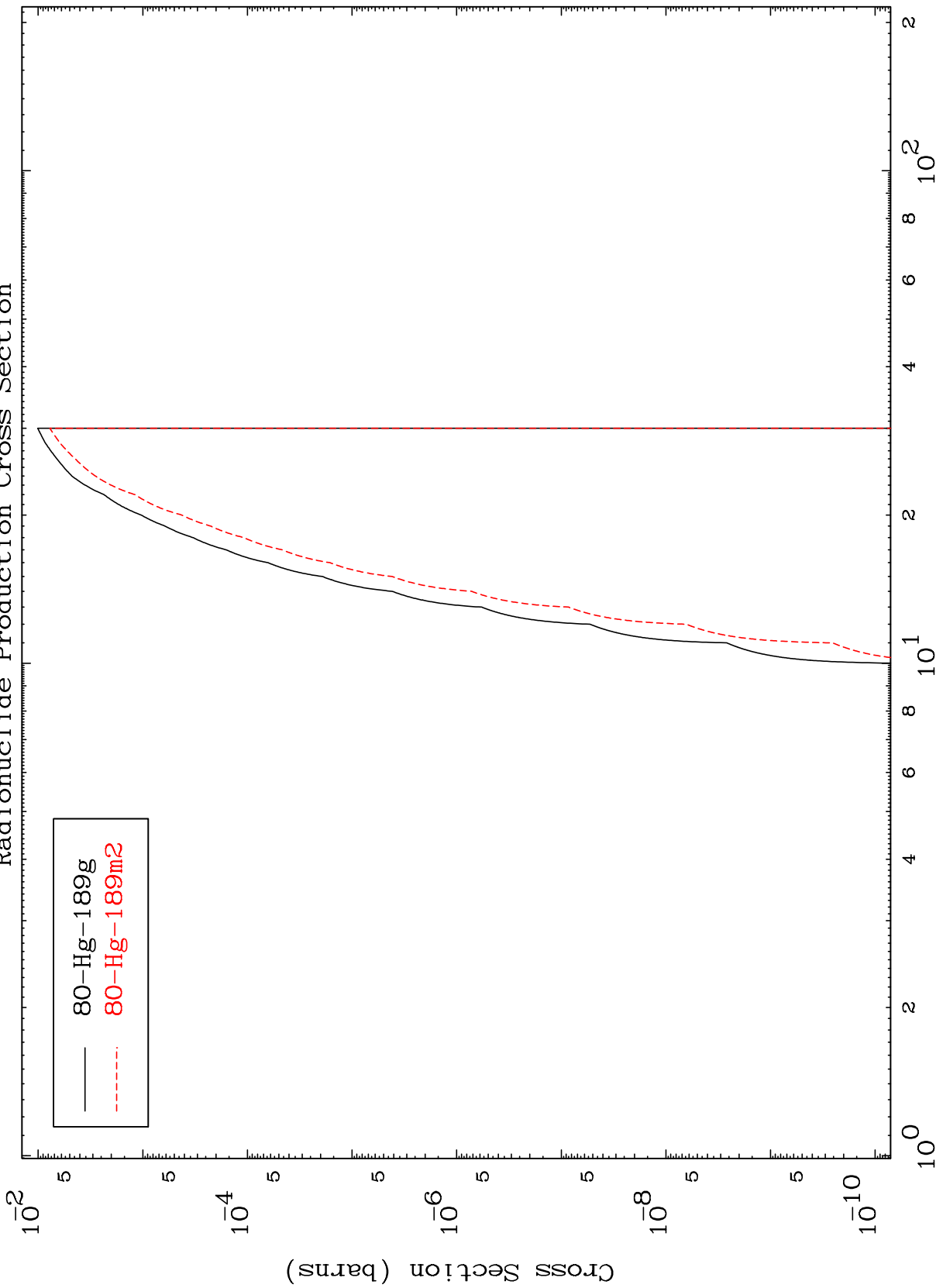


MAT 8095

(p,n') α

81-Tl-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

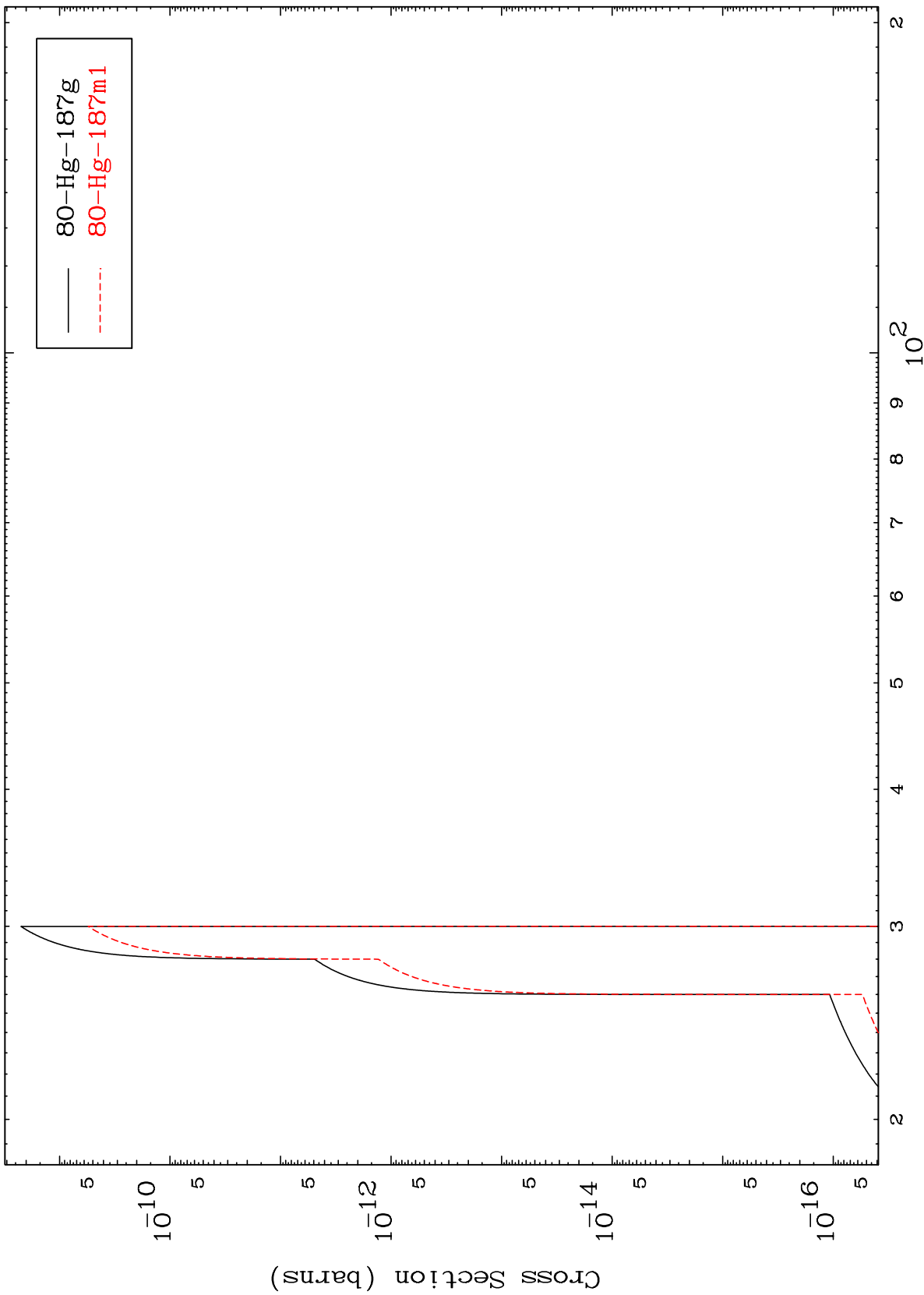
81-Tl-193

MAT 8095

(p,3n) α

81-T1-193

Radionuclide Production Cross Section



15

Incident Energy (MeV)

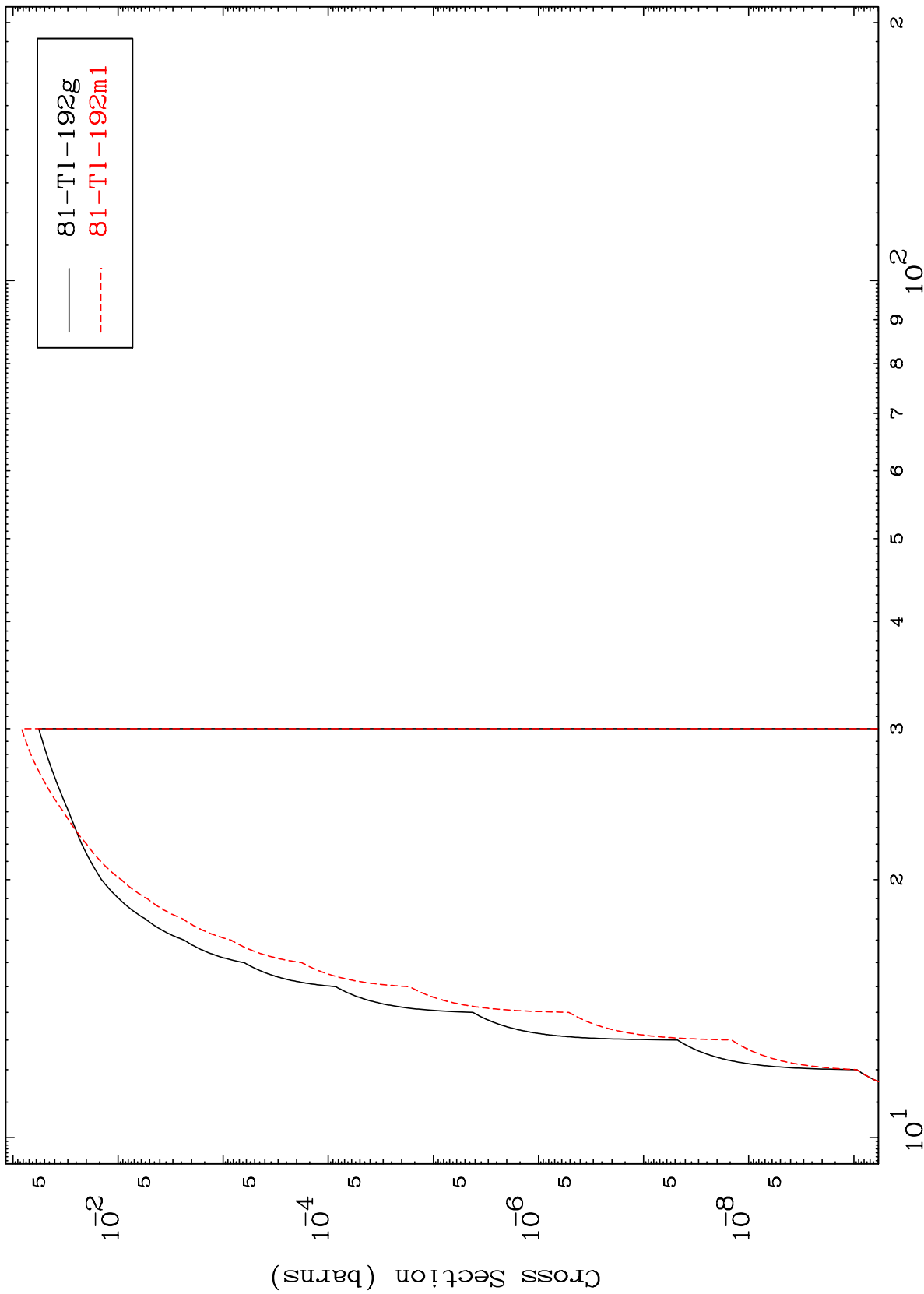
81-T1-193

MAT 8095

(p,n') p

81-Tl-193

Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

10¹

Incident Energy (MeV)

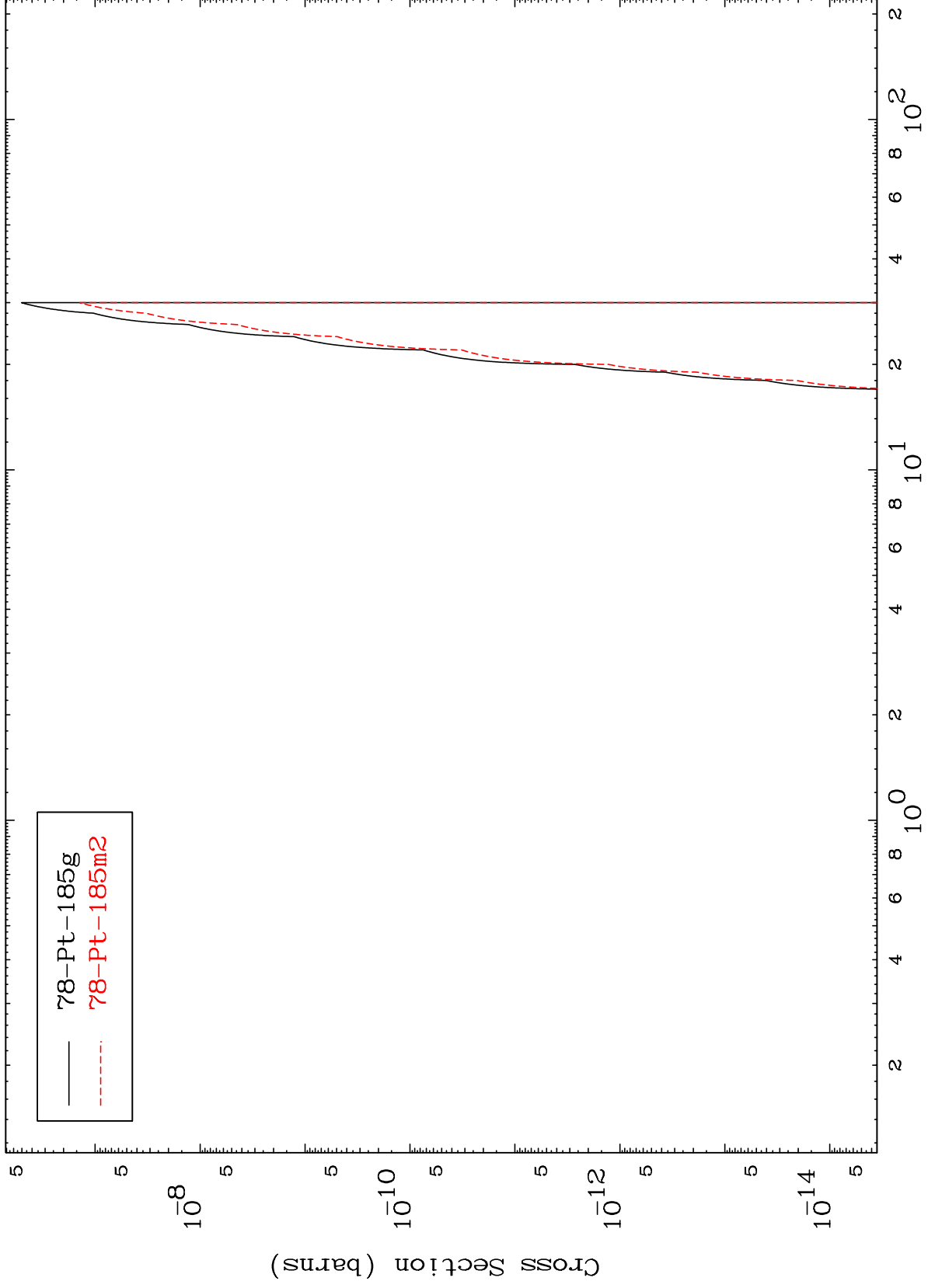
81-Tl-193

MAT 8095

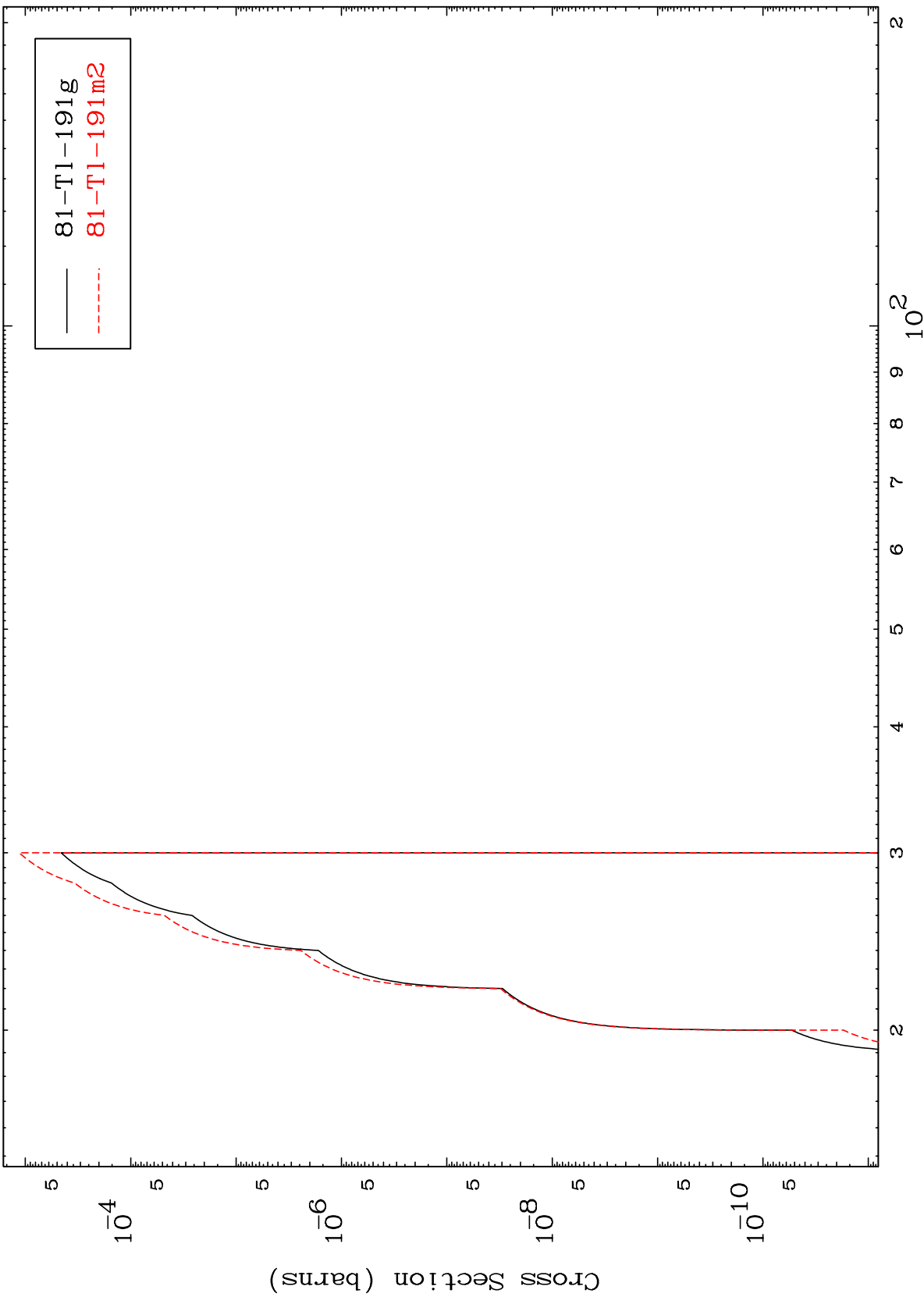
(p,n') 2 α

81-Tl-193

Radionuclide Production Cross Section

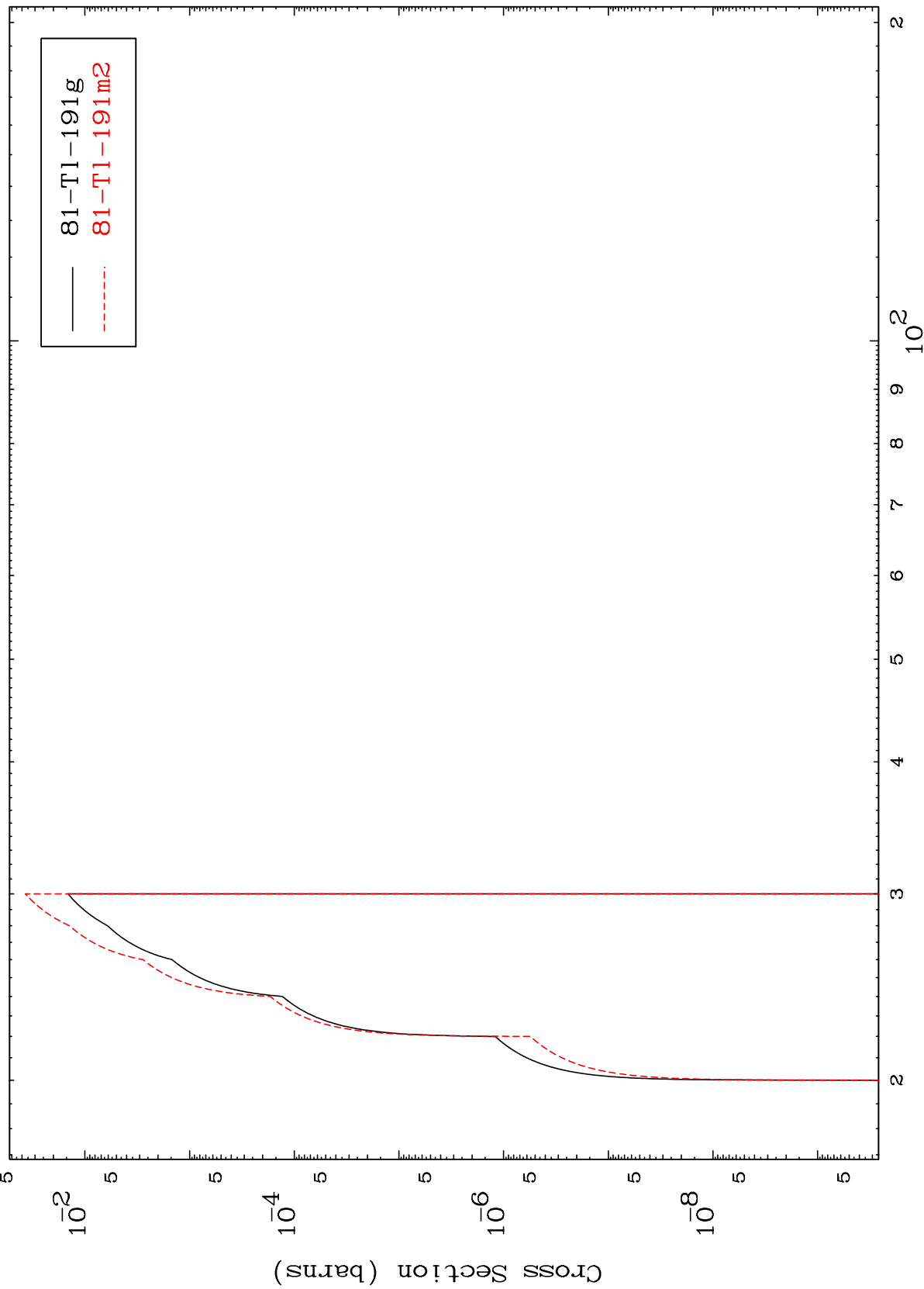


Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

Radionuclide Production Cross Section



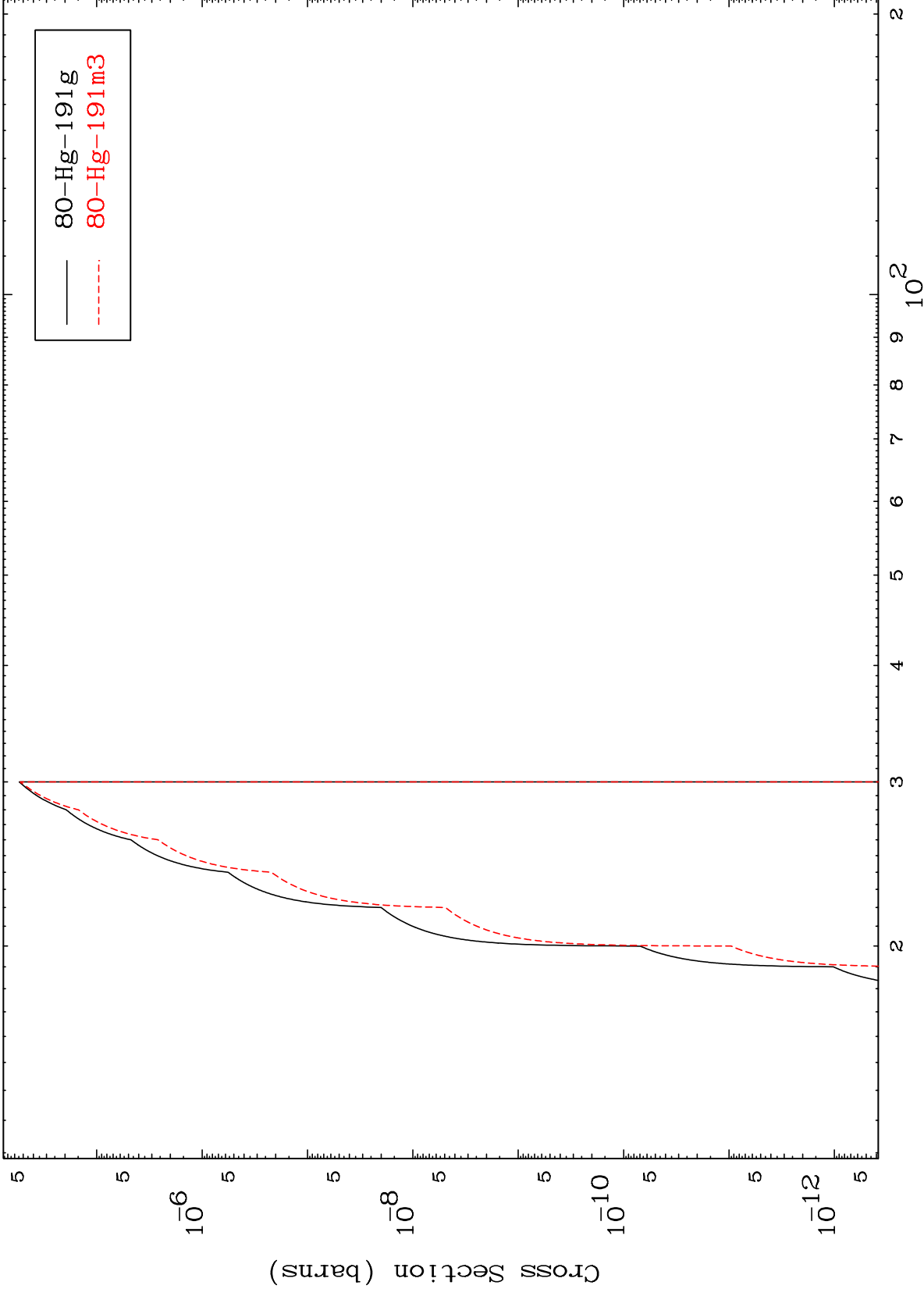
81-Tl-191g
81-Tl-191m2

MAT 8095

(p,2n) p

81-T1-193

Radionuclide Production Cross Section



20

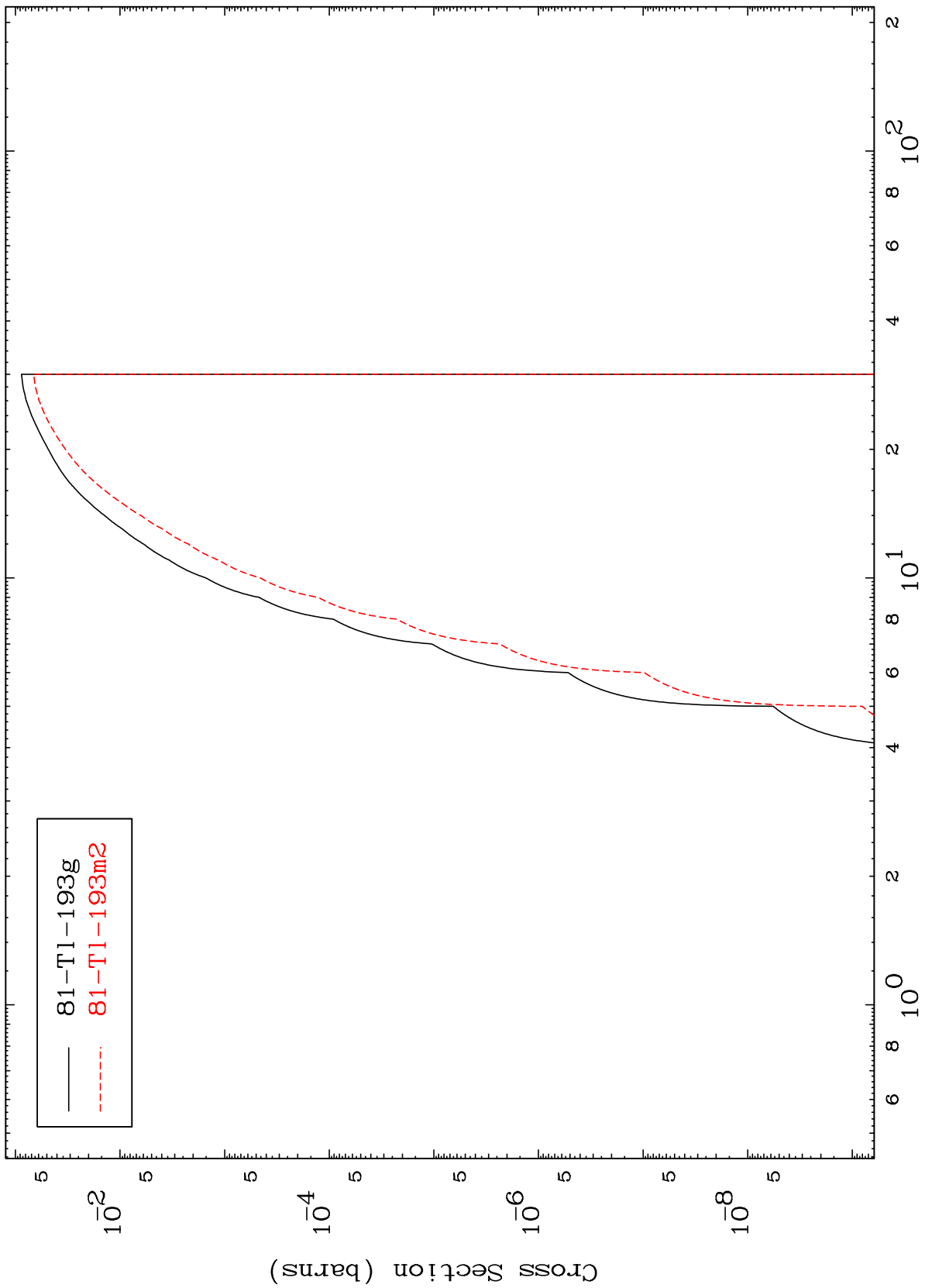
Incident Energy (MeV)

81-T1-193

MAT 8095

81-Tl-193

(p,p)
Radionuclide Production Cross Section



21

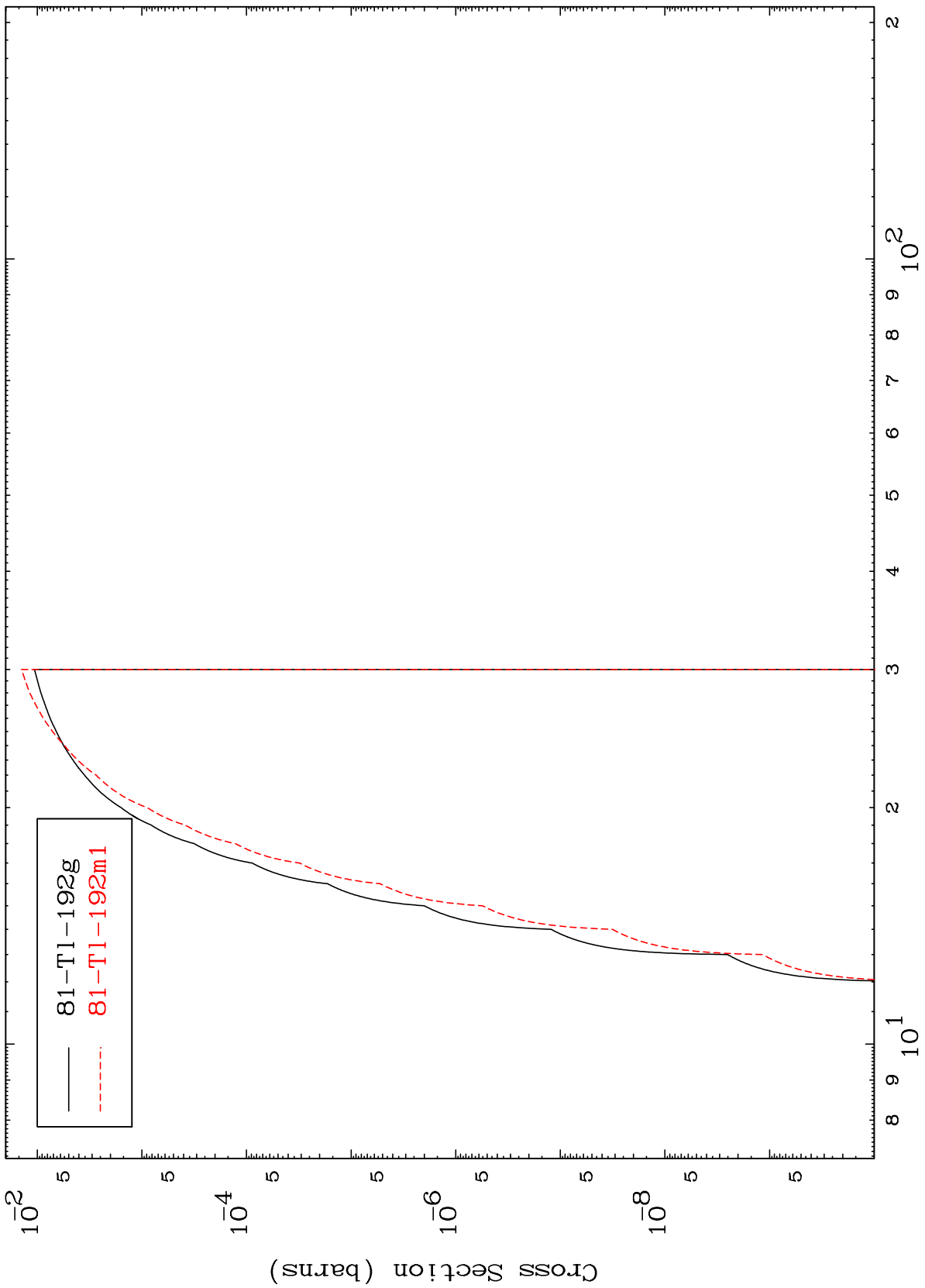
Incident Energy (MeV)

81-Tl-193

MAT 8095

81-Tl-193

(p,d)
Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

Incident Energy (MeV)

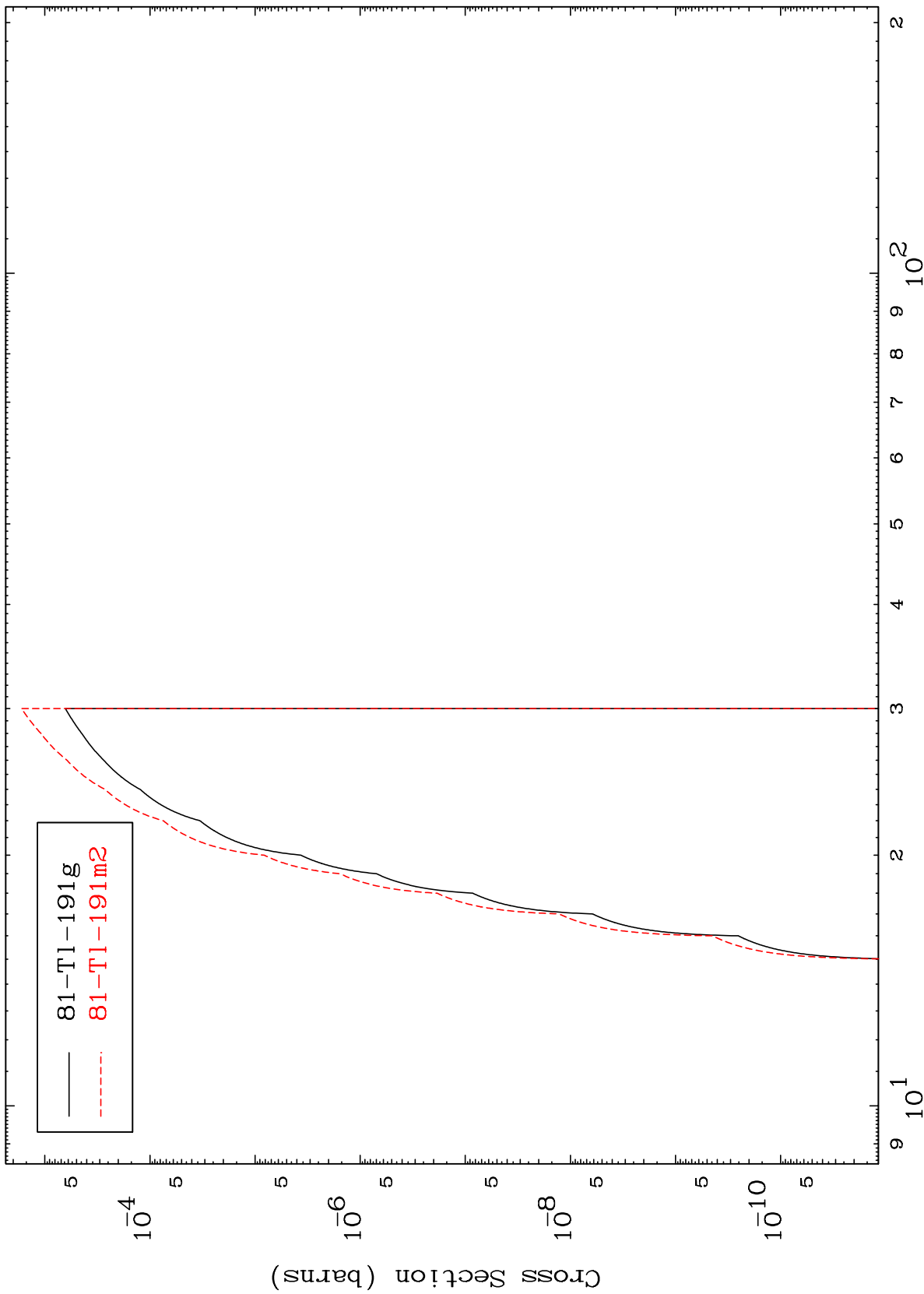
81-Tl-193

22

MAT 8095

81-Tl-193

(p, t)
Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

81-Tl-193

Incident Energy (MeV)

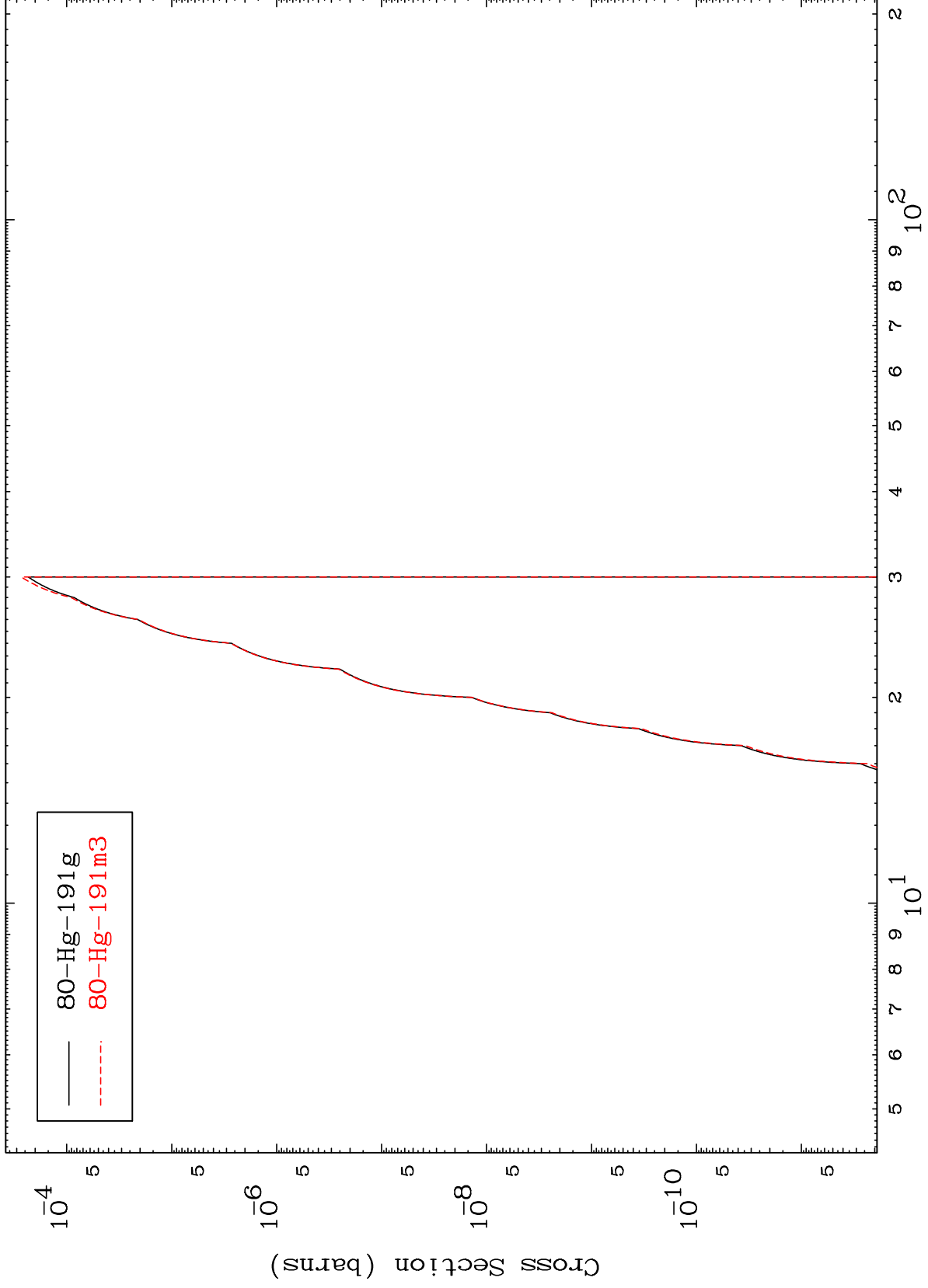
23

MAT 8095

(p,He-3)

81-Tl-193

Radionuclide Production Cross Section



24

Incident Energy (MeV)

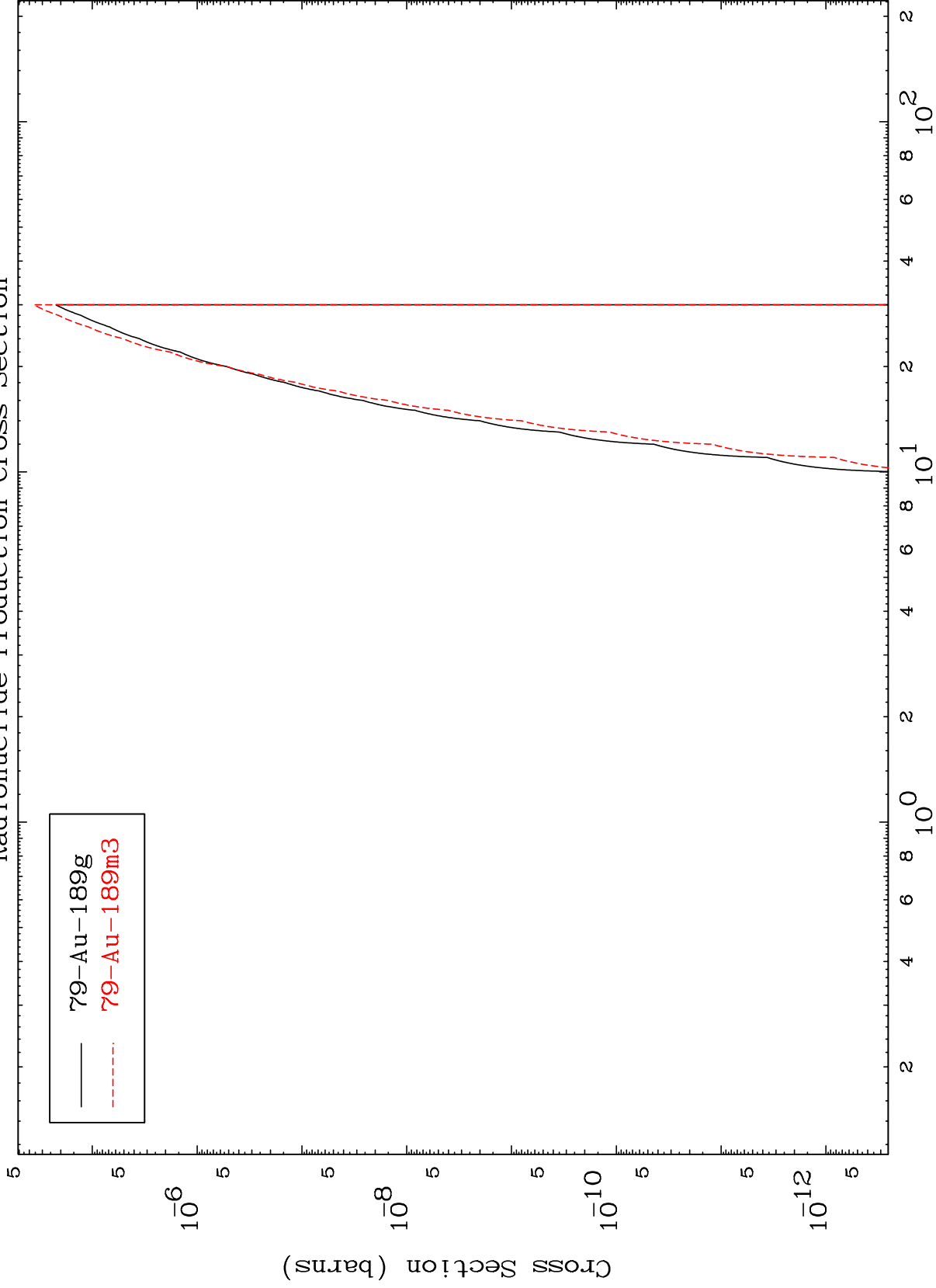
81-Tl-193

MAT 8095

(p,p) α

81-Tl-193

Radionuclide Production Cross Section



25

Incident Energy (MeV)

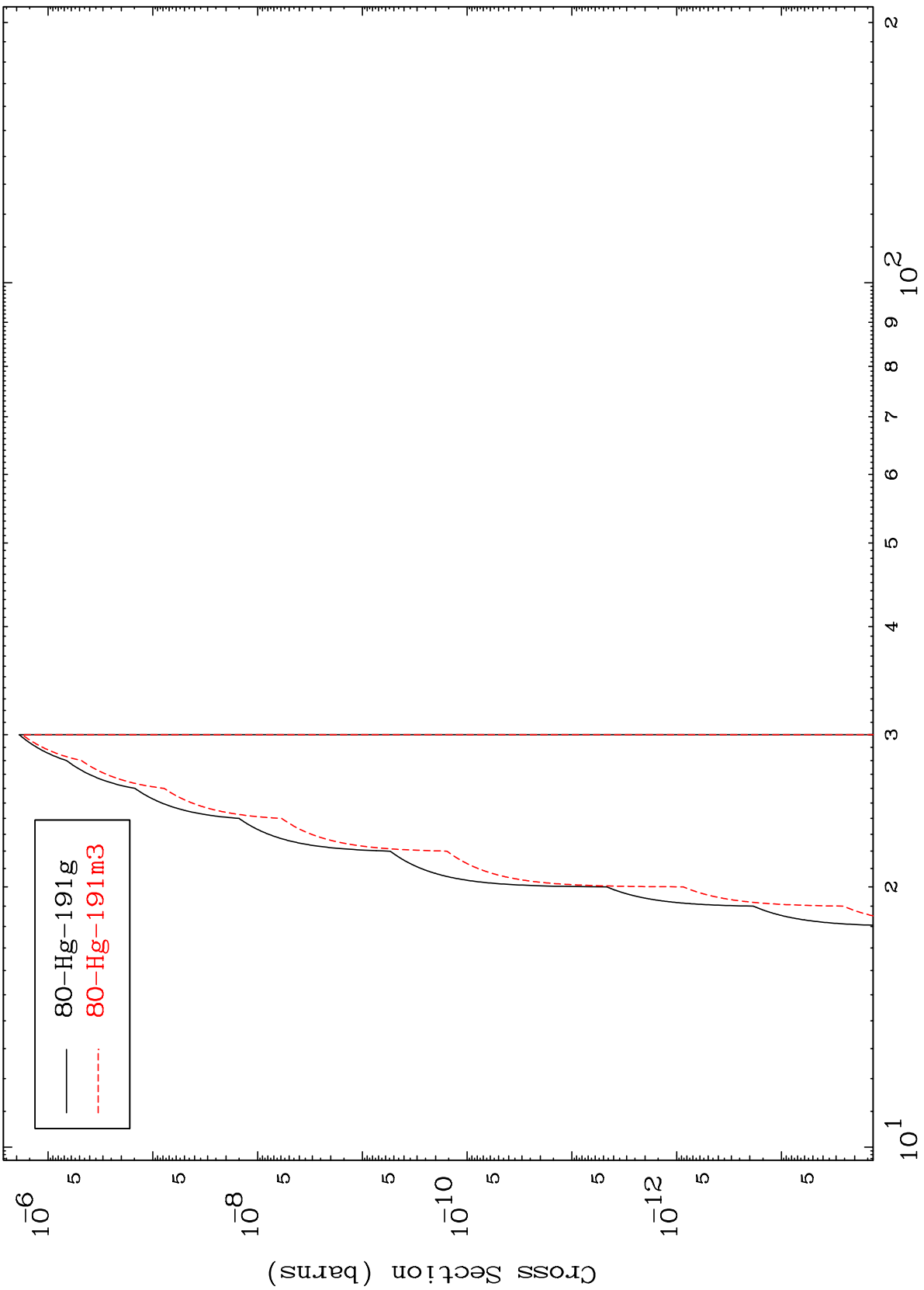
81-Tl-193

MAT 8095

(p,p) d

81-T1-193

Radionuclide Production Cross Section



80-Hg-191g
80-Hg-191m3

26

Incident Energy (MeV)

81-T1-193