

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

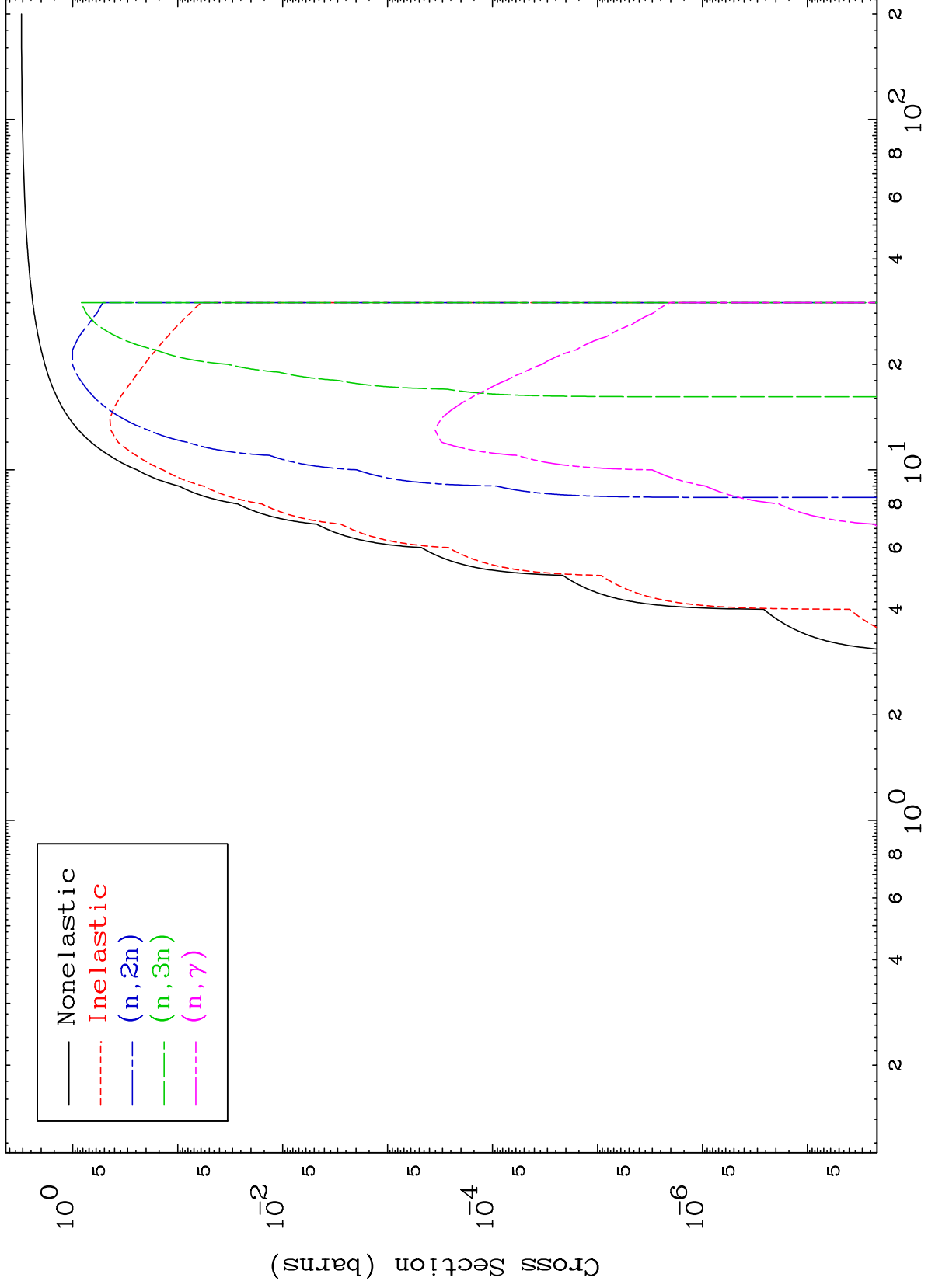
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Web:redcullen1.net/HOMEPAGE.NEW

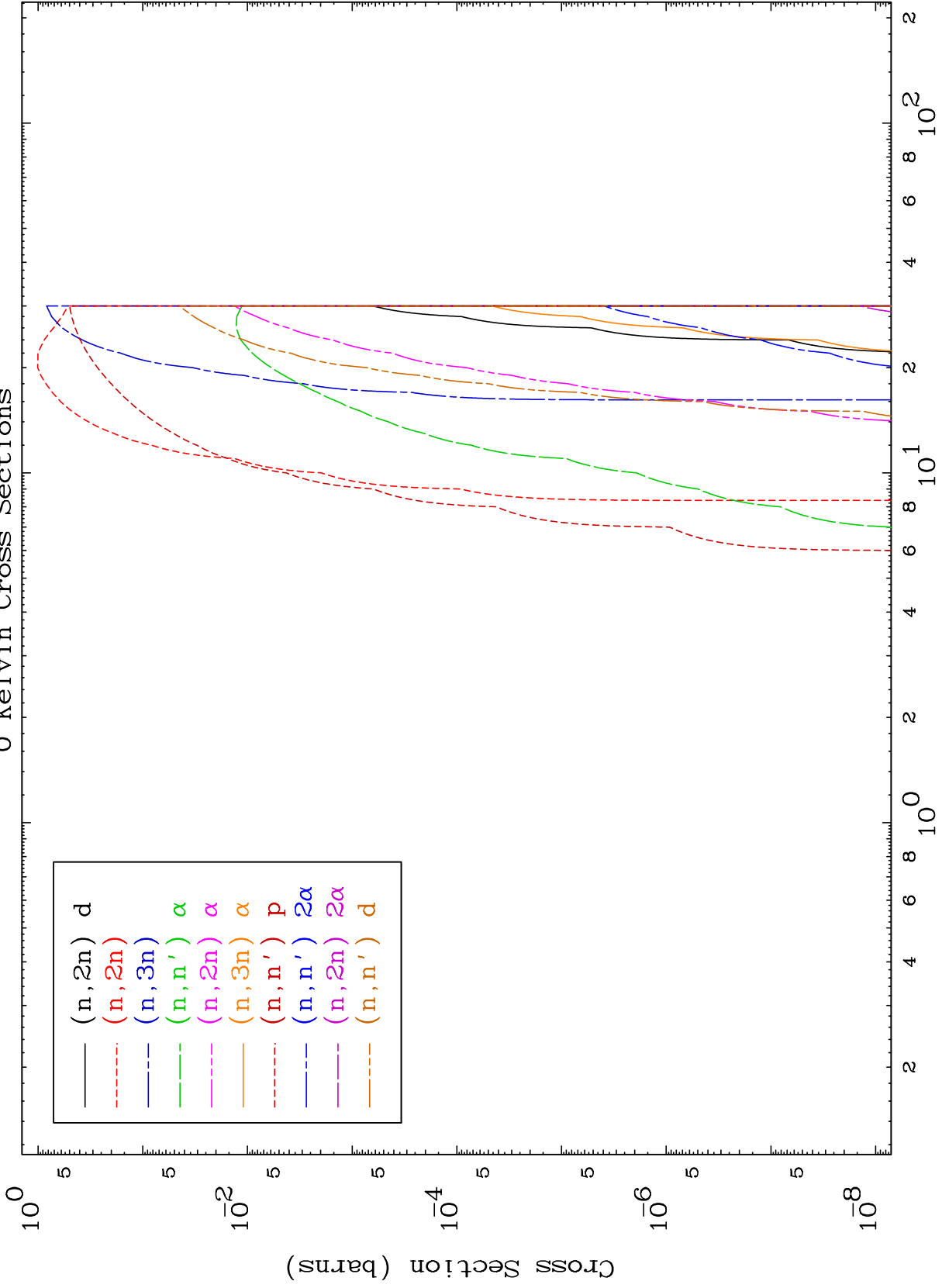
Press Mouse Button to Start

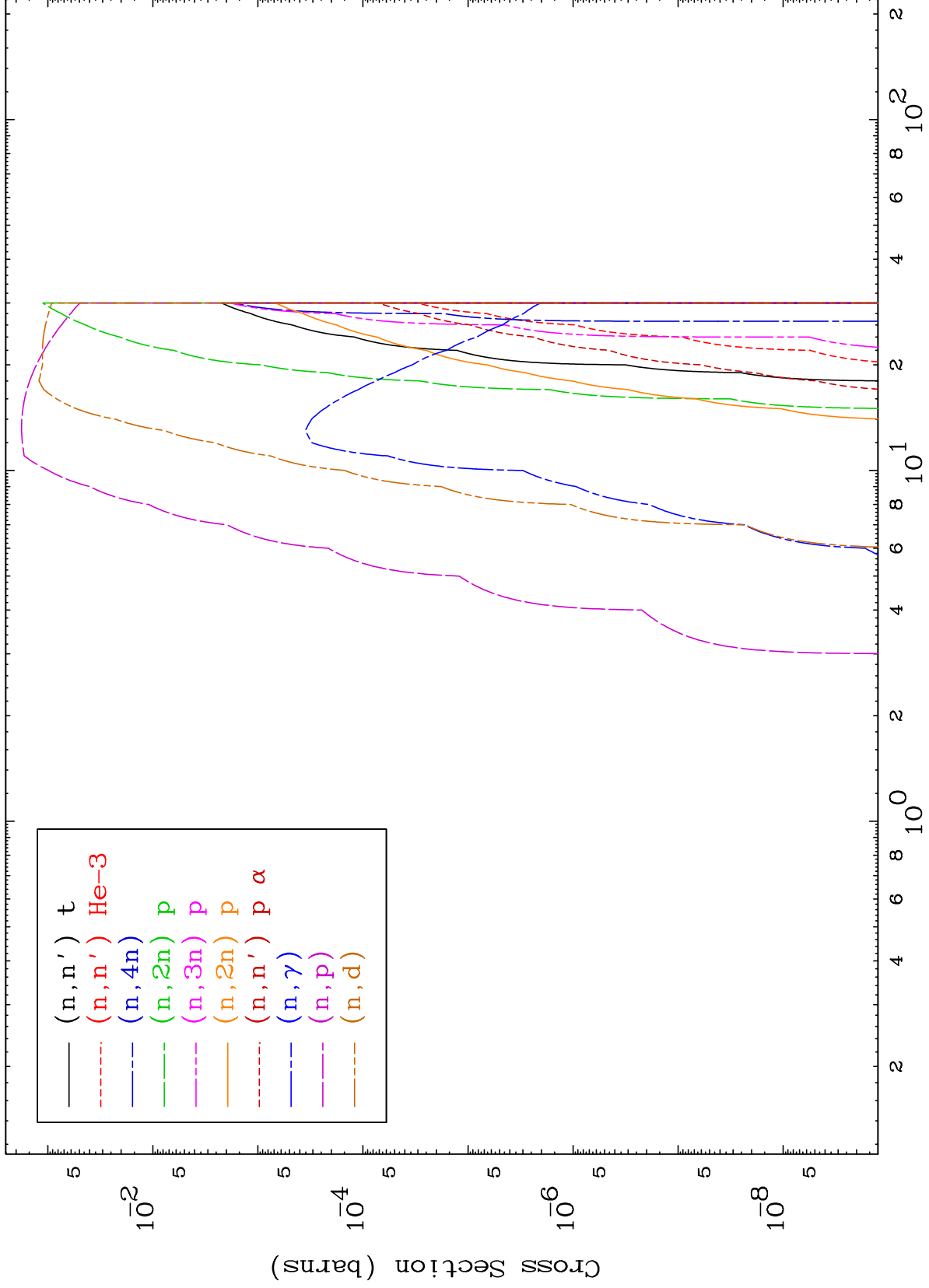


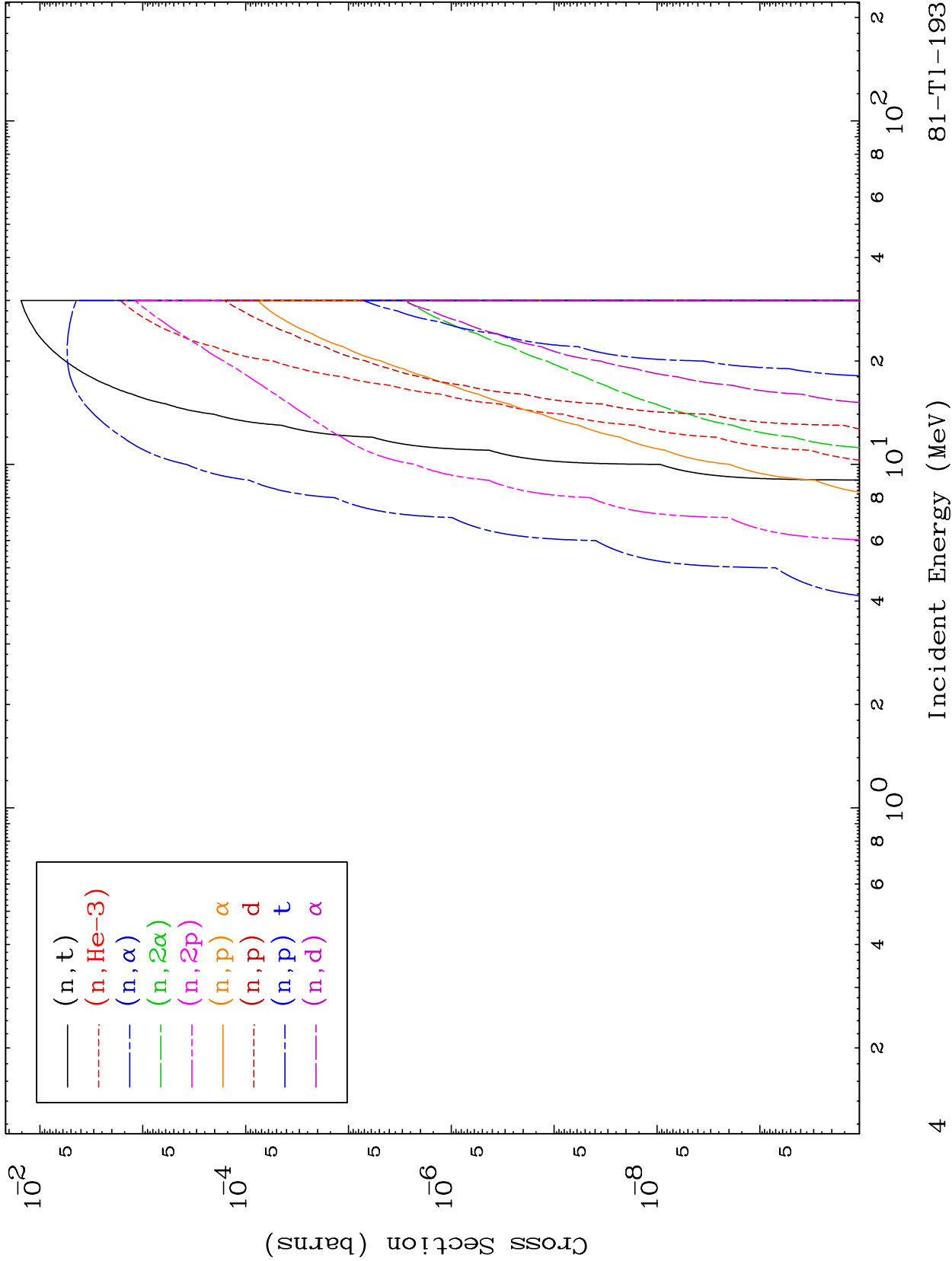
MAT 8095

Deuteron Neutron Absorption
0 Kelvin Cross Sections

81-Tl-193



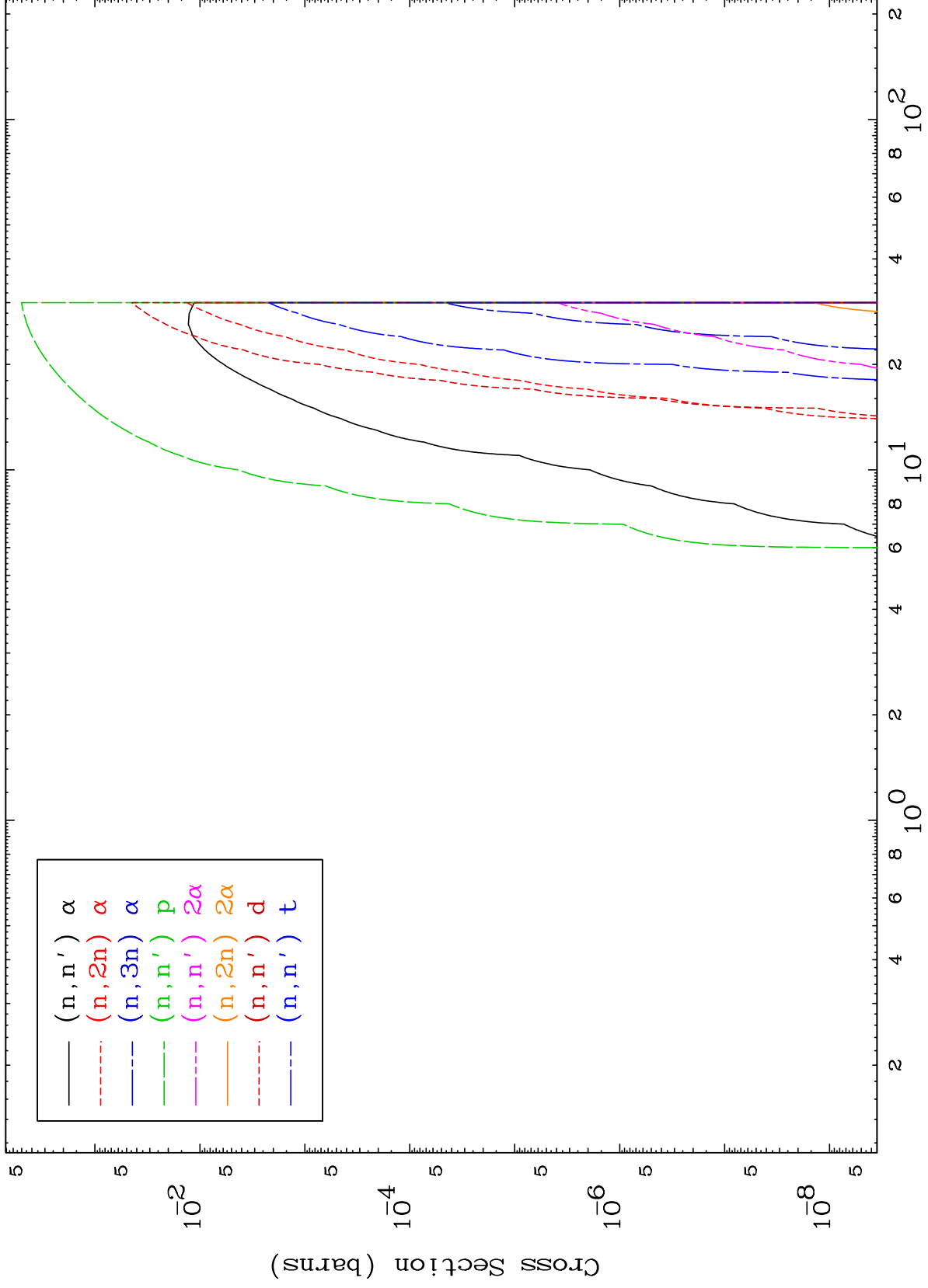




MAT 8095

Deuteron Charged Particle
0 Kelvin Cross Sections

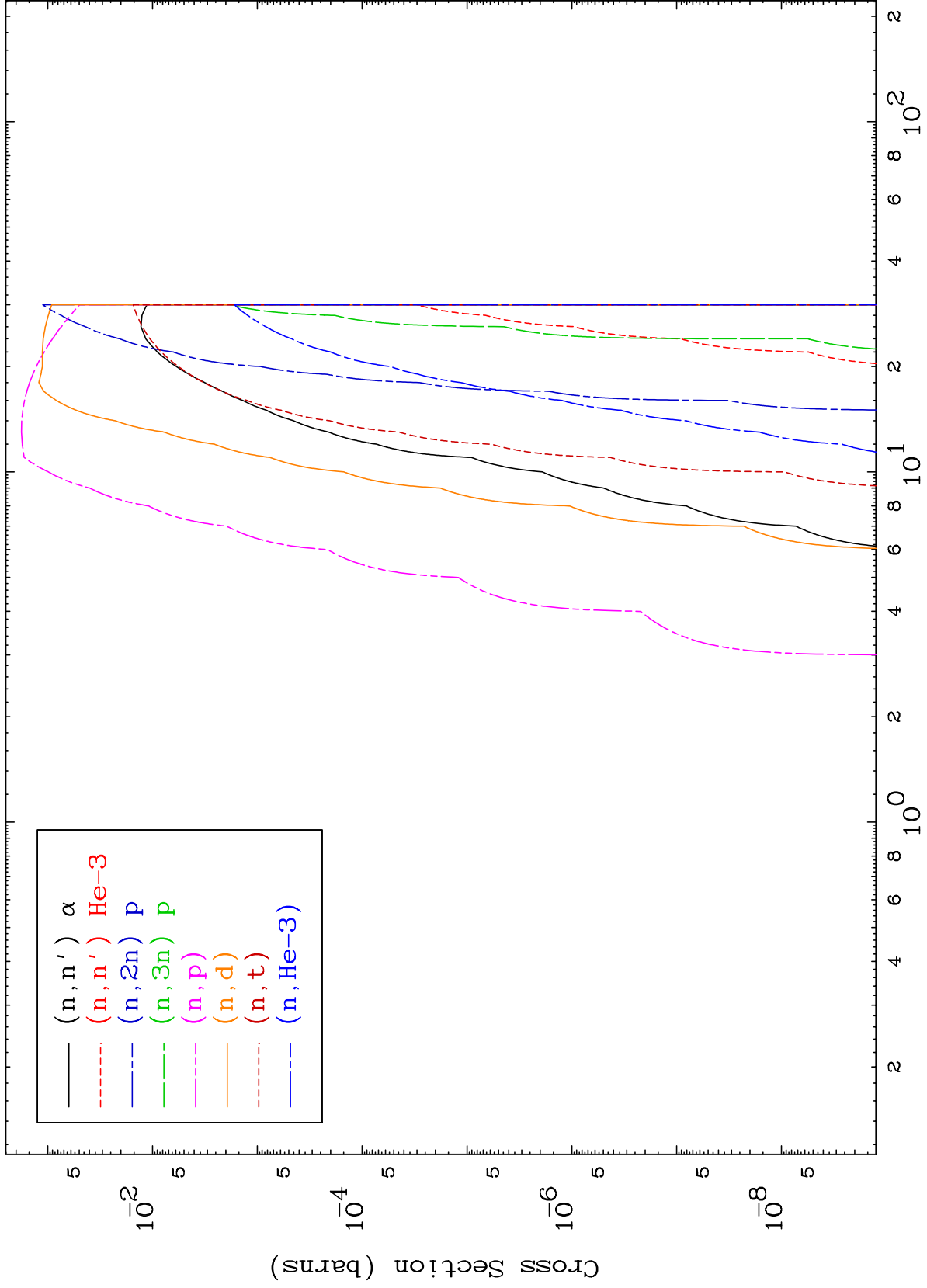
81-Tl-193

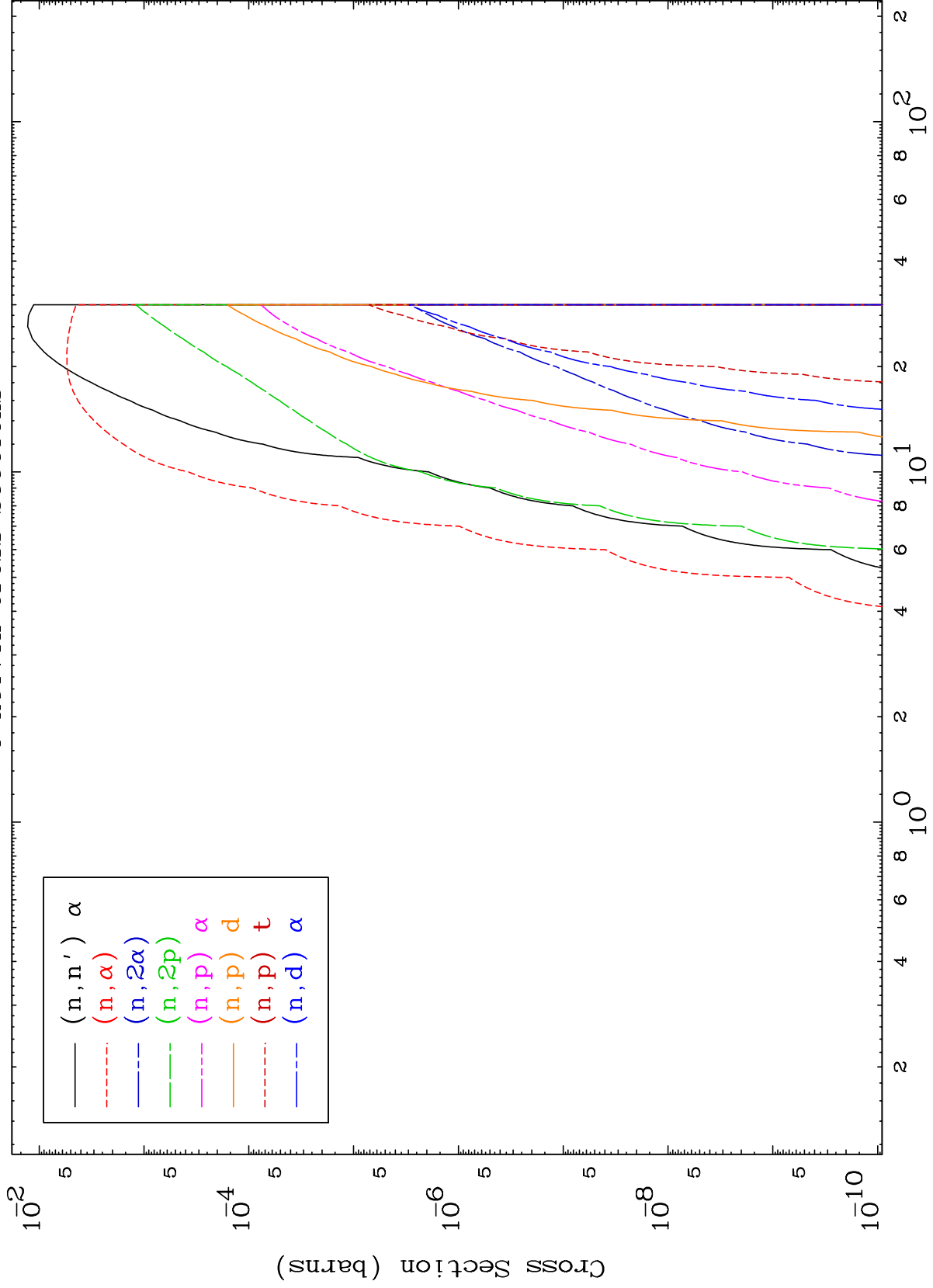


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Incident Energy (MeV)

81-Tl-193



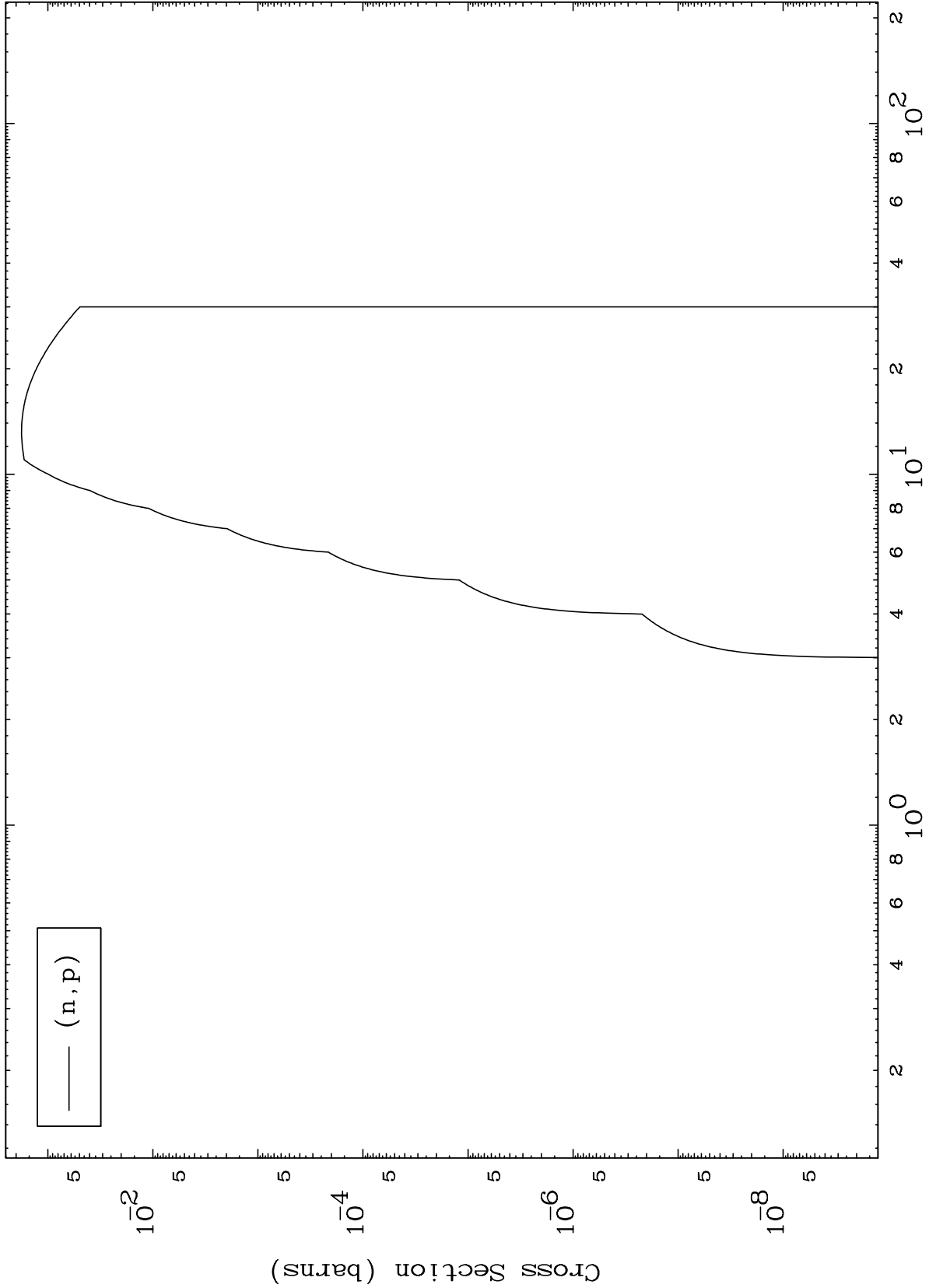


MAT 8095

(d,p) Levels

81-Tl-193

0 Kelvin Cross Sections

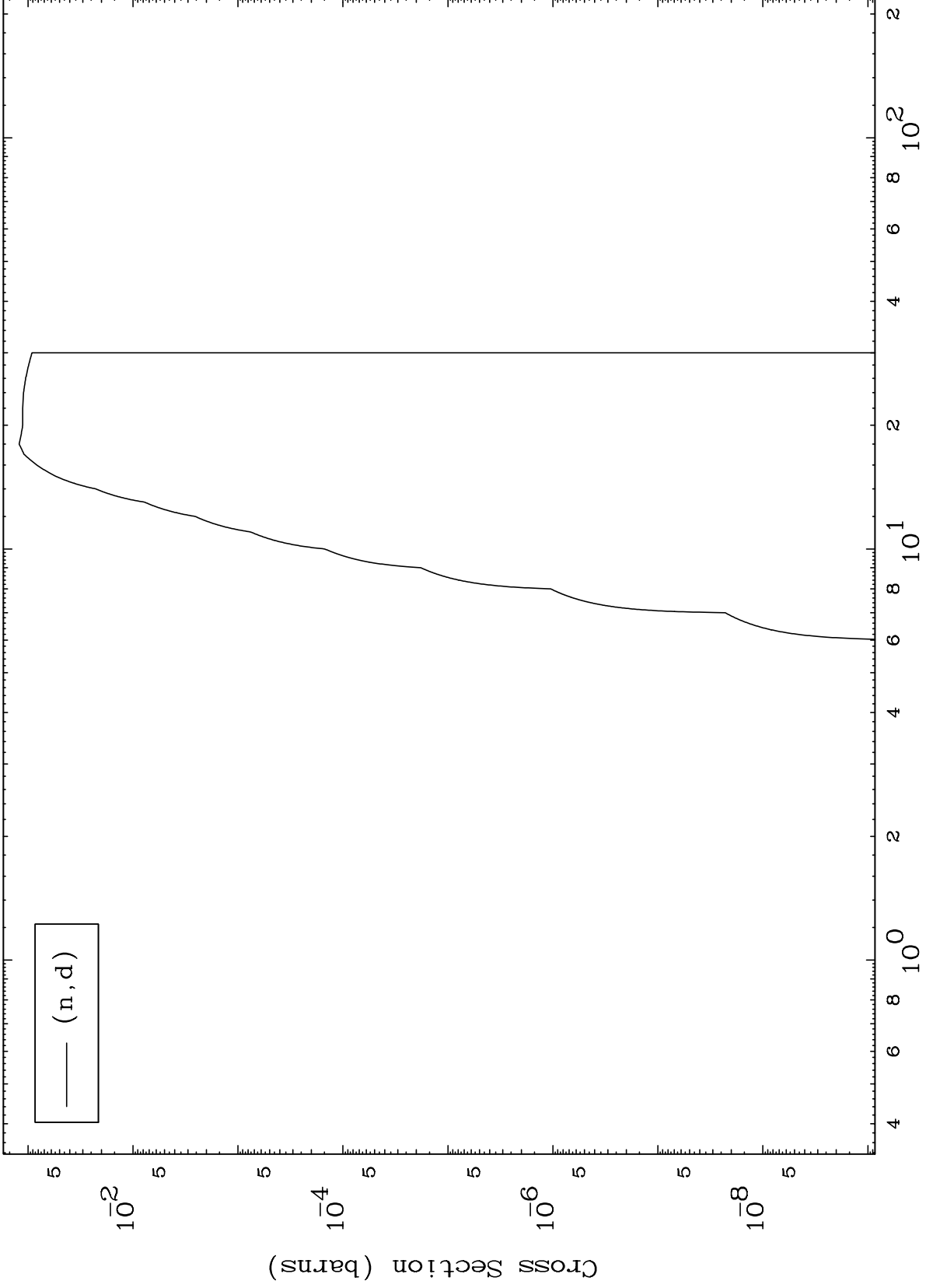


MAT 8095

(d,d) Levels

81-Tl-193

0 Kelvin Cross Sections



9

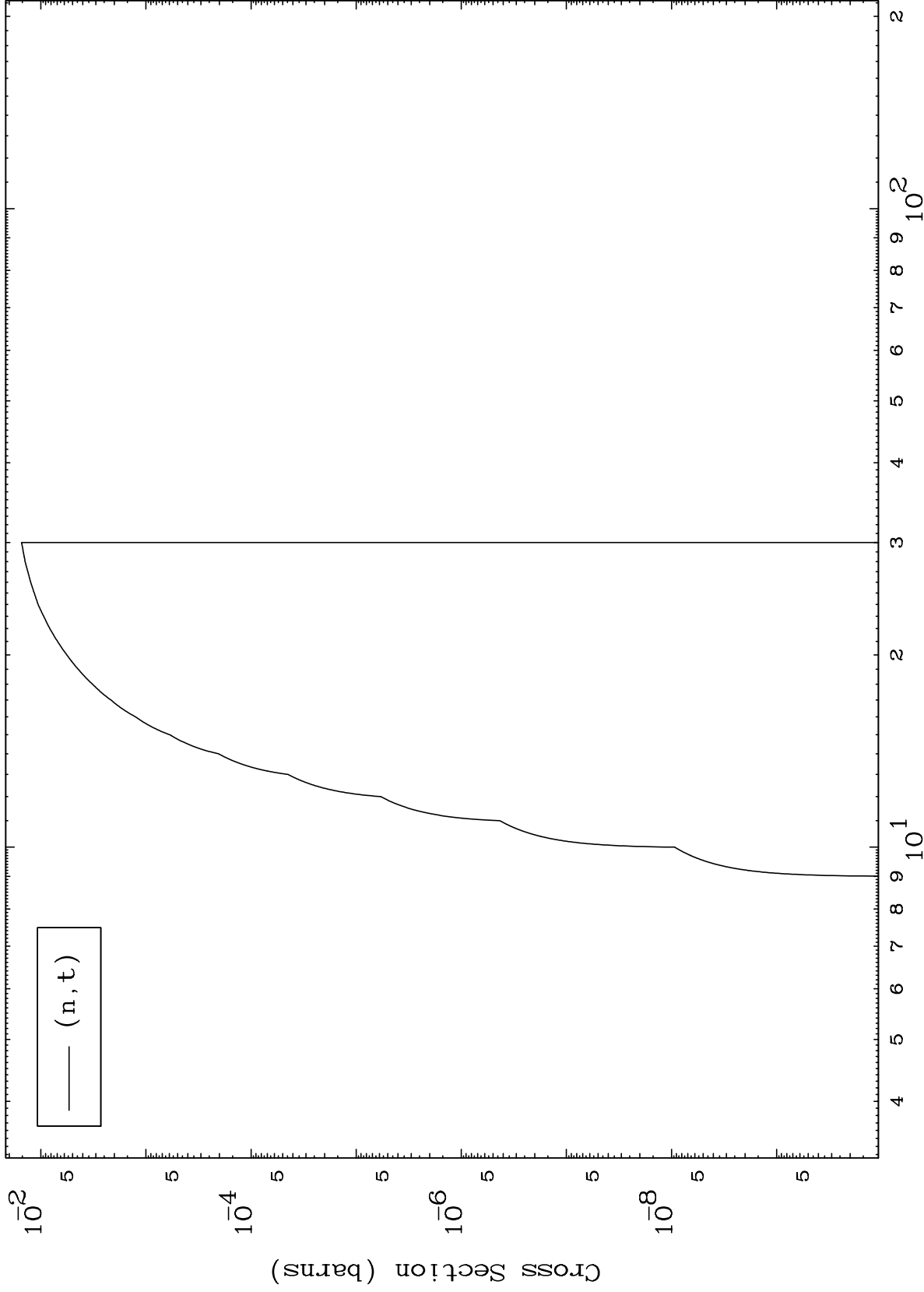
Incident Energy (MeV)

81-Tl-193

MAT 8095

(d,t) Levels
0 Kelvin Cross Sections

81-Tl-193



10

Incident Energy (MeV)

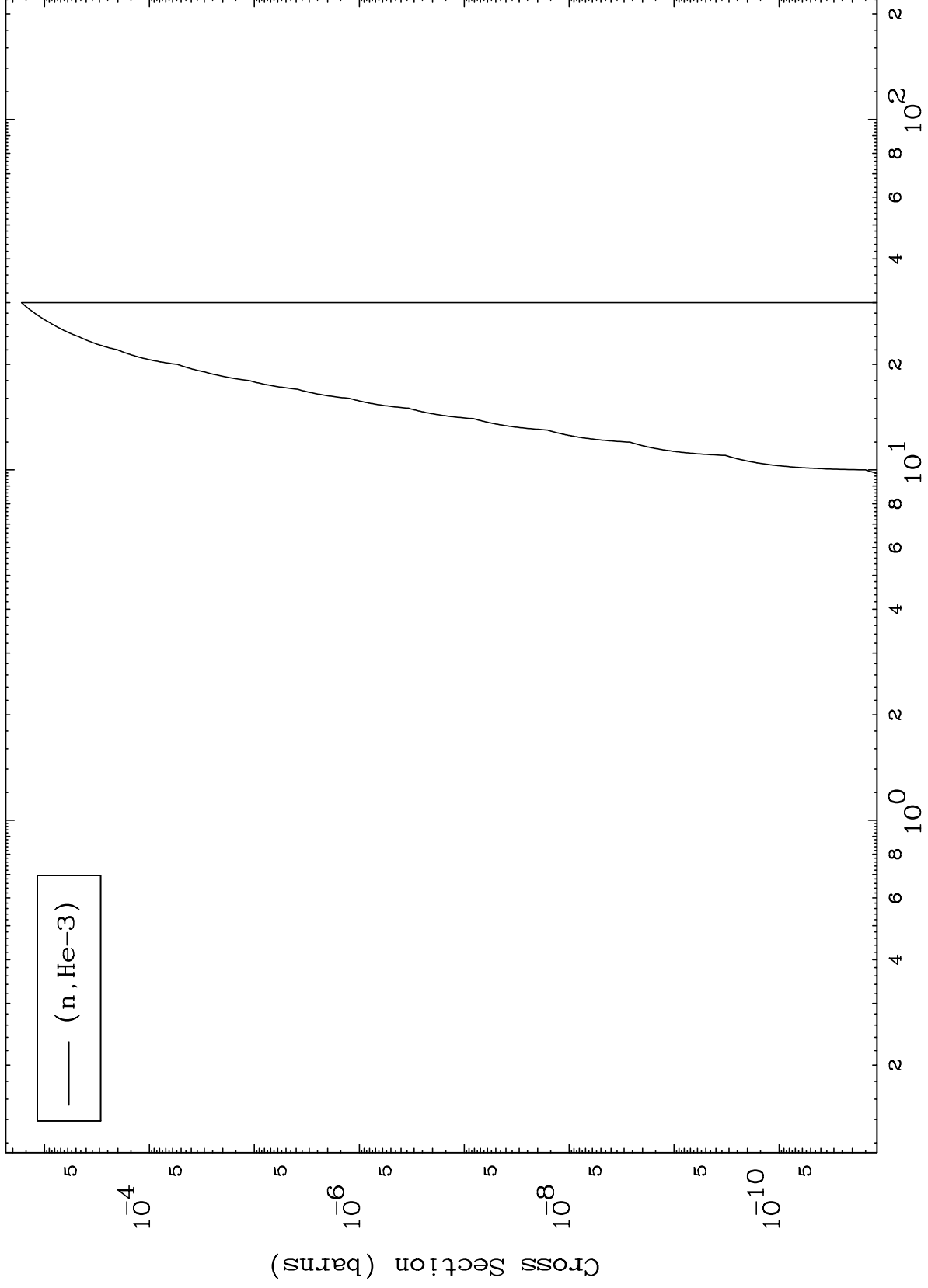
81-Tl-193

MAT 8095

(d,He3) Levels

81-Tl-193

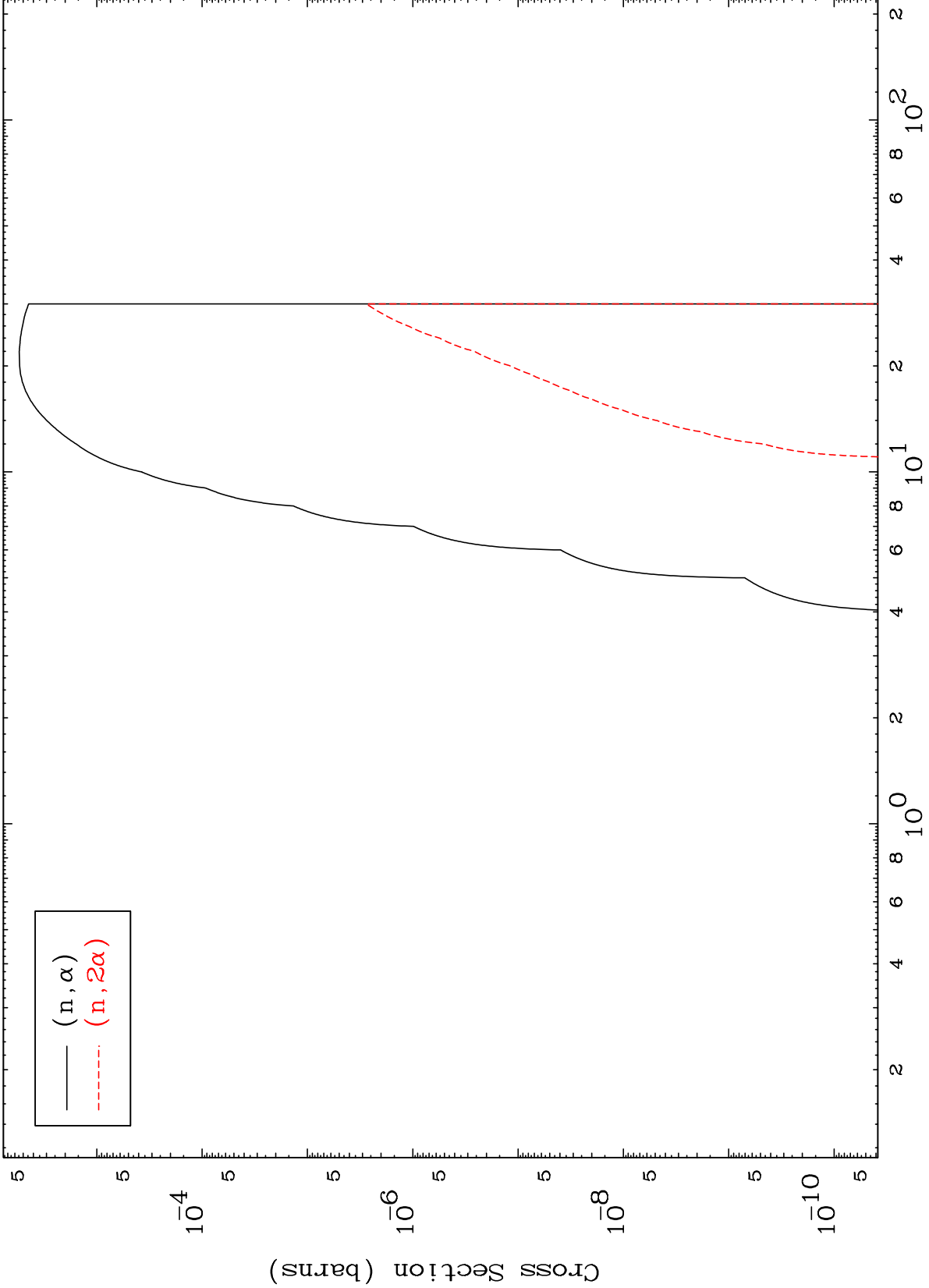
0 Kelvin Cross Sections



MAT 8095

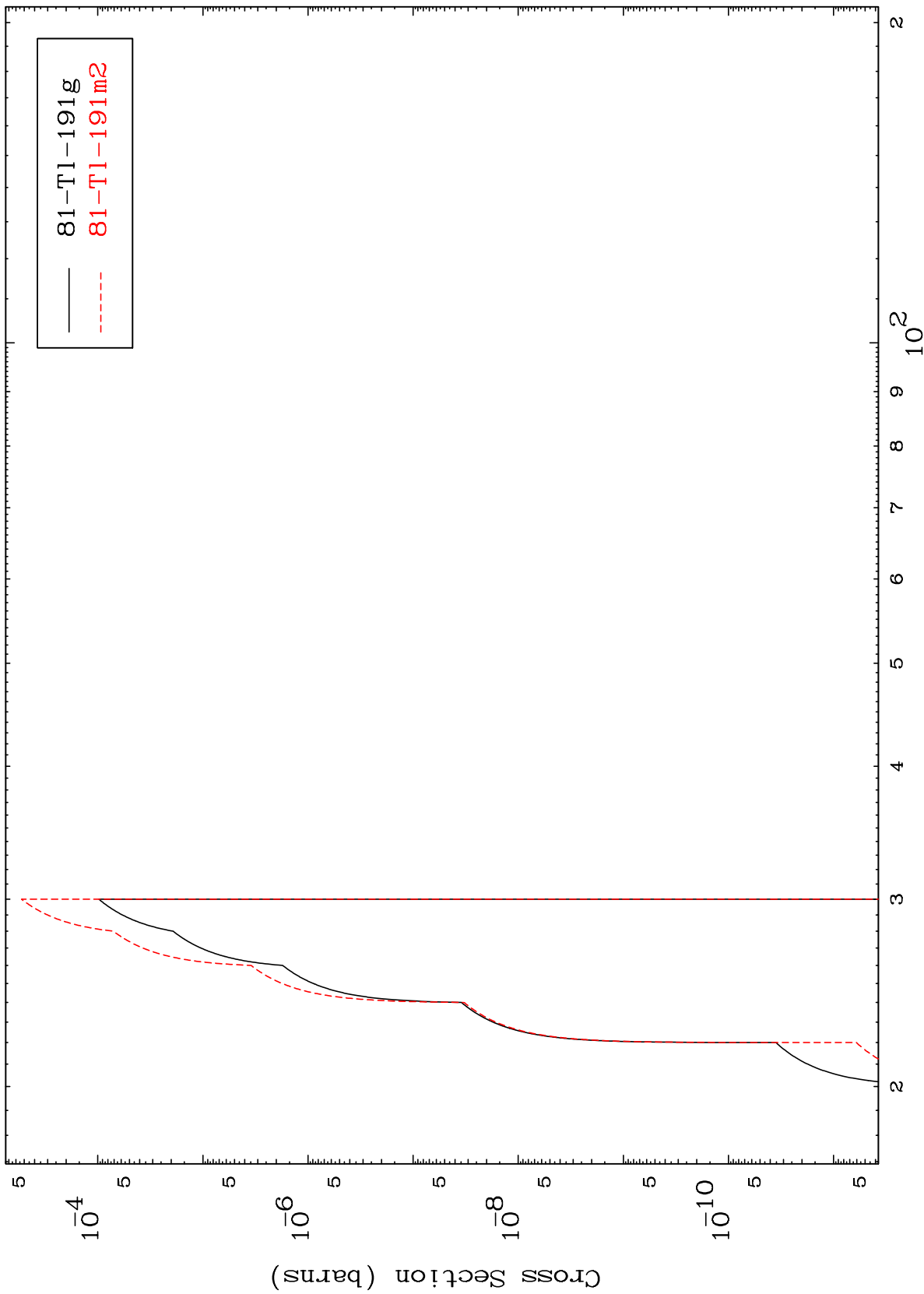
(d, α) Levels
0 Kelvin Cross Sections

81-Tl-193



— (n, α)
- - - (n, 2α)

Radionuclide Production Cross Section



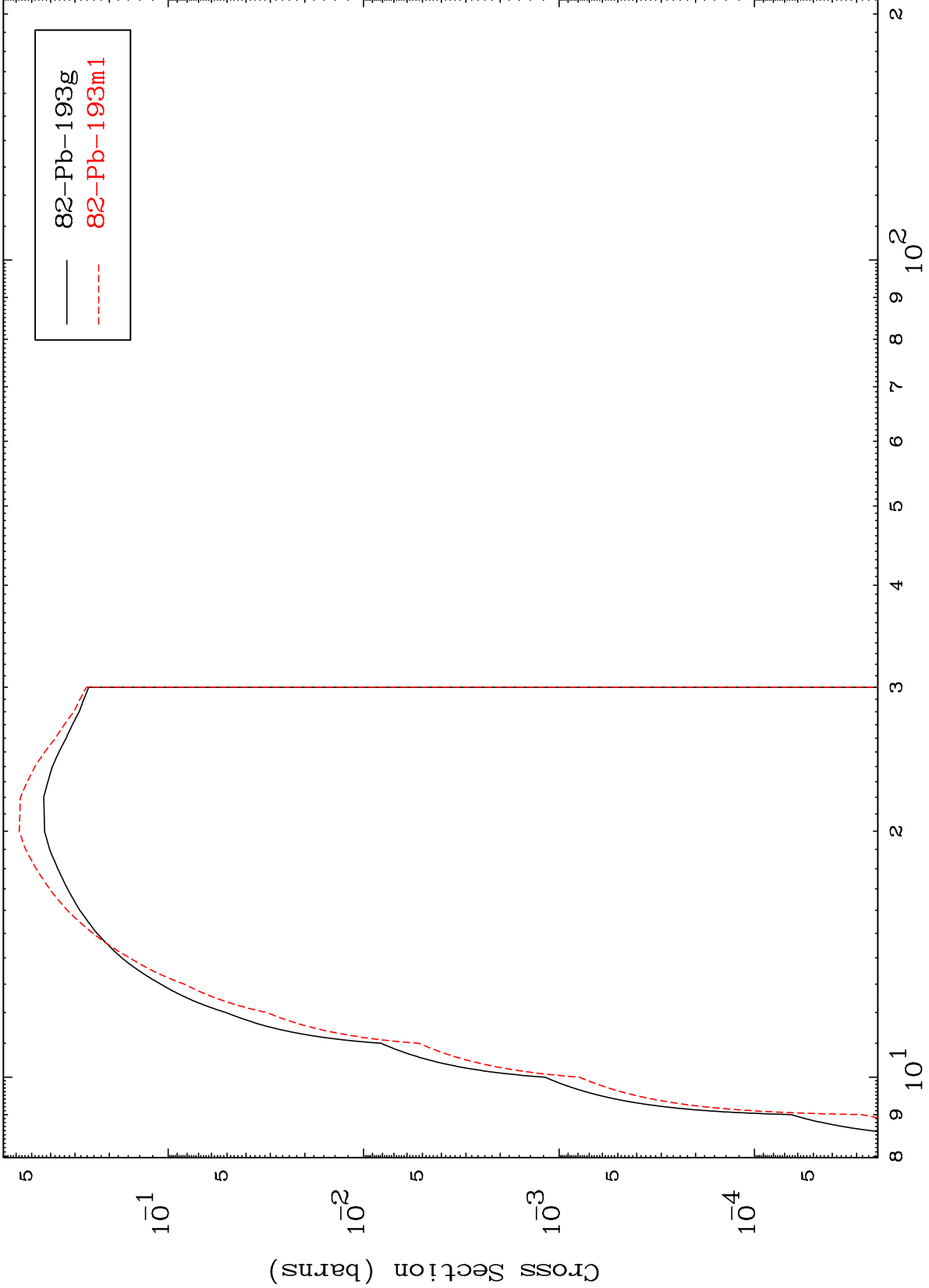
81-Tl-191g
81-Tl-191m2

MAT 8095

(n,2n)

81-Tl-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

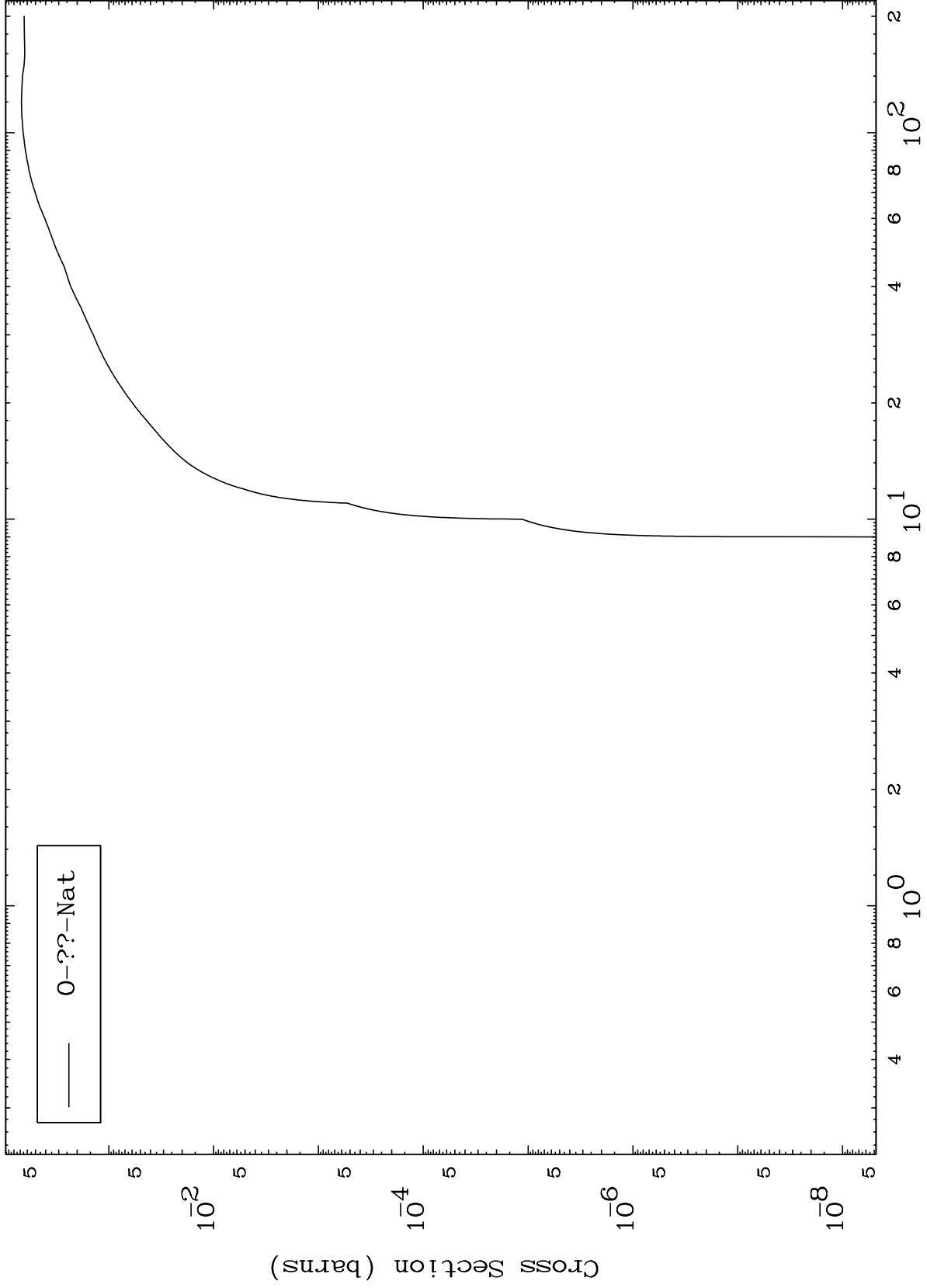
81-Tl-193

MAT 8095

Fission

81-Tl-193

Radionuclide Production Cross Section



15

Incident Energy (MeV)

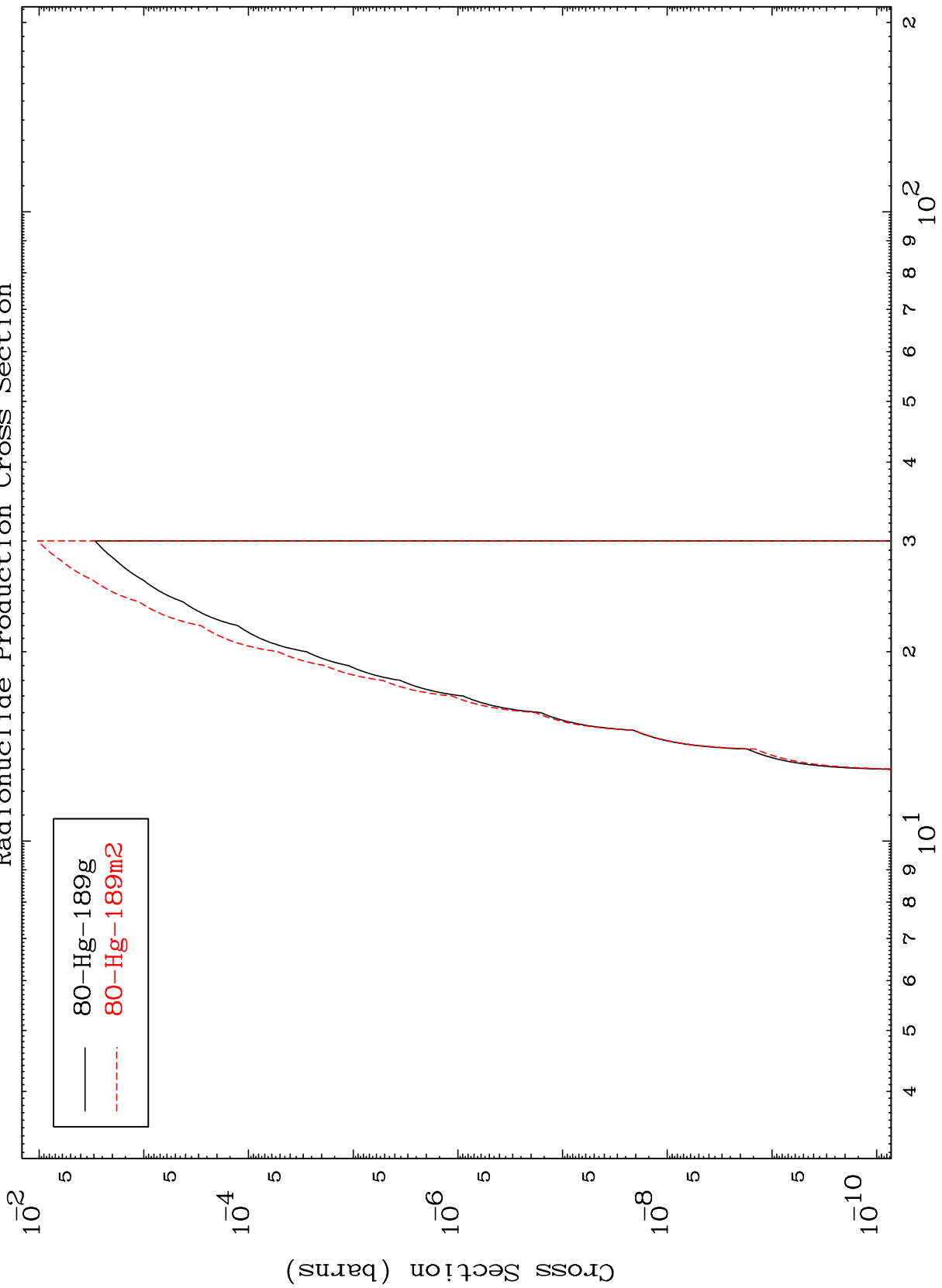
81-Tl-193

MAT 8095

(n,2n) α

81-Tl-193

Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

16

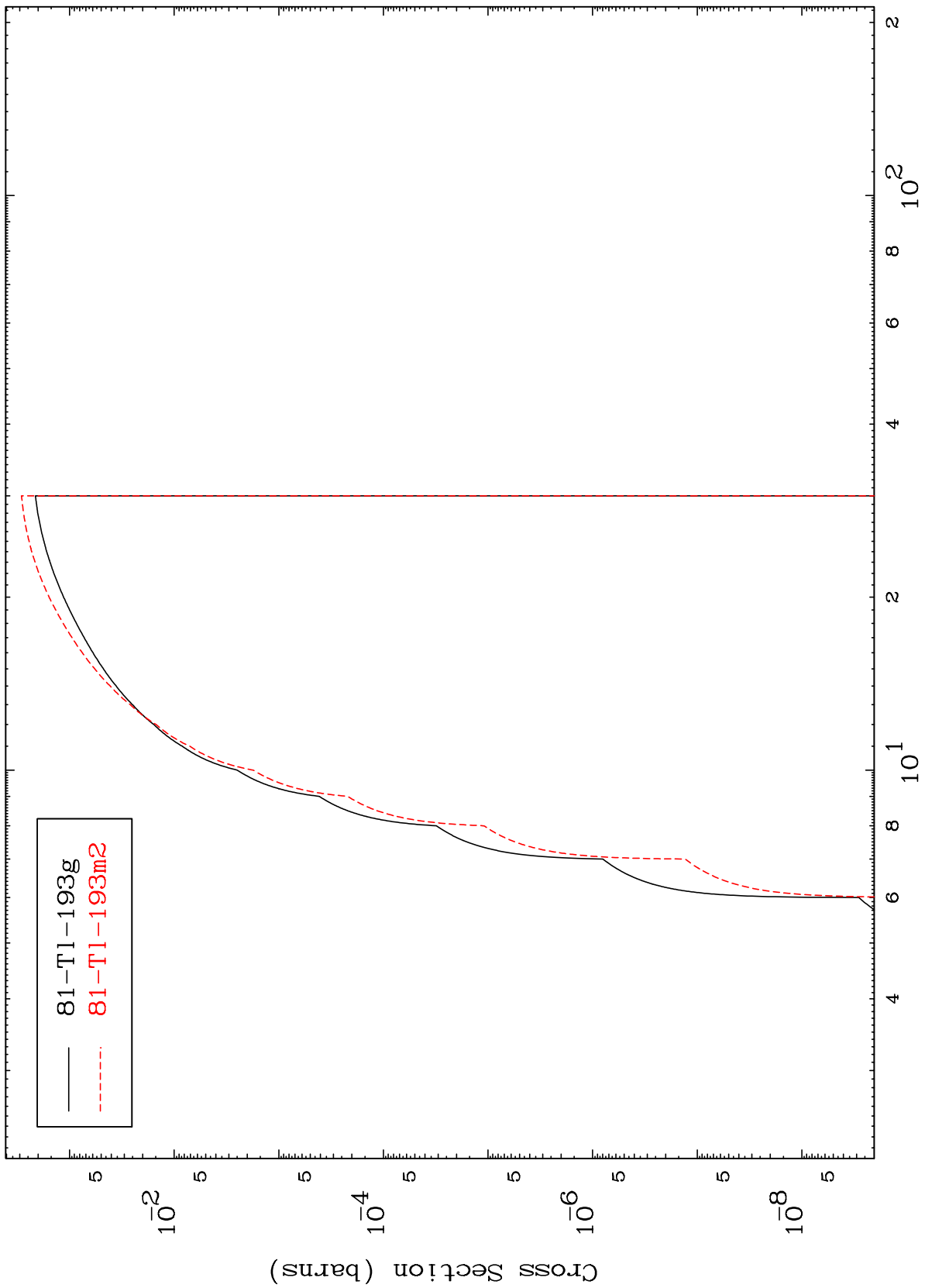
Incident Energy (MeV)

81-Tl-193

MAT 8095

81-Tl-193

Radionuclide Production Cross Section



81-Tl-193

Incident Energy (MeV)

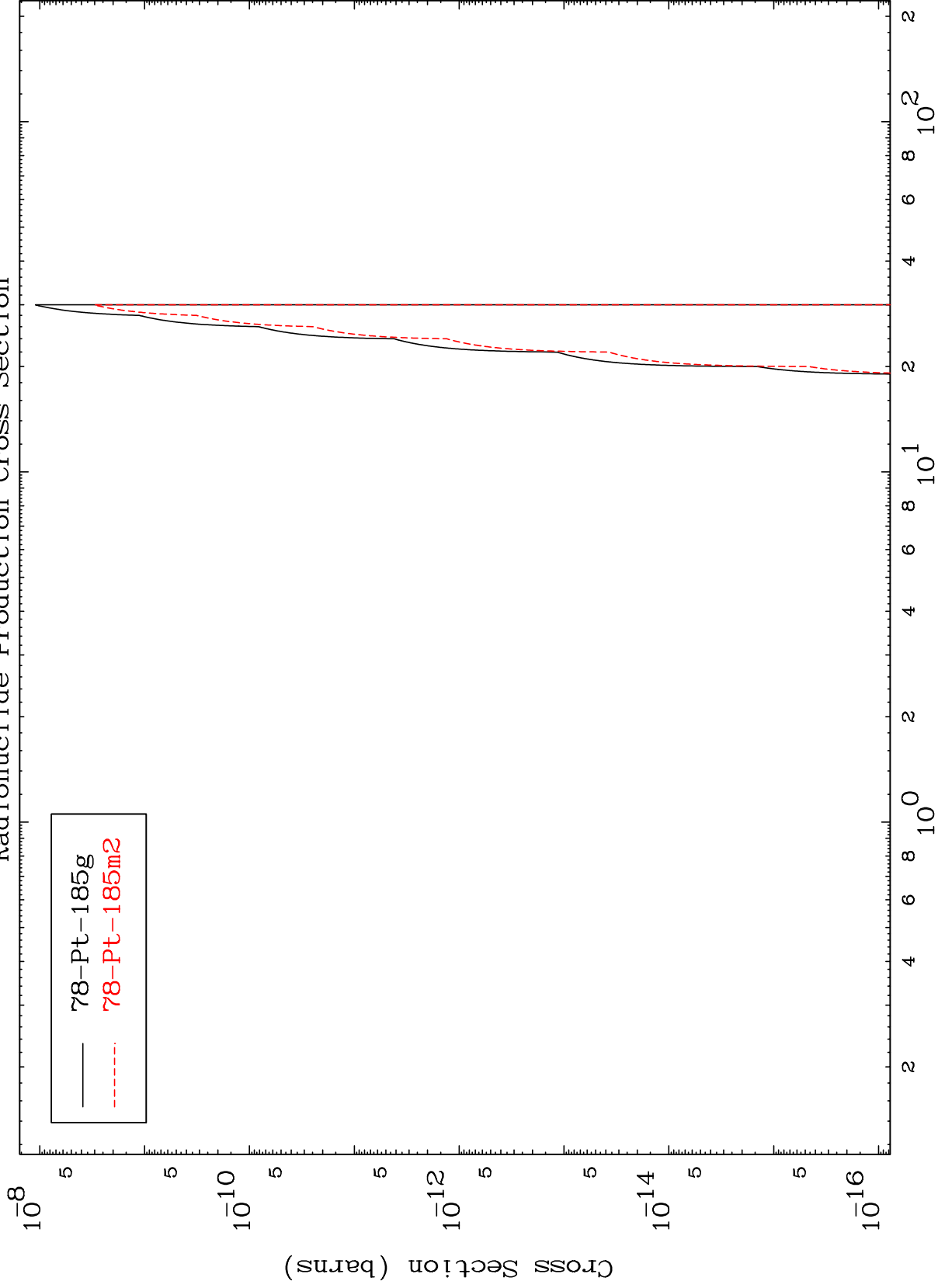
17

MAT 8095

(n,2n) 2α

81-Tl-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

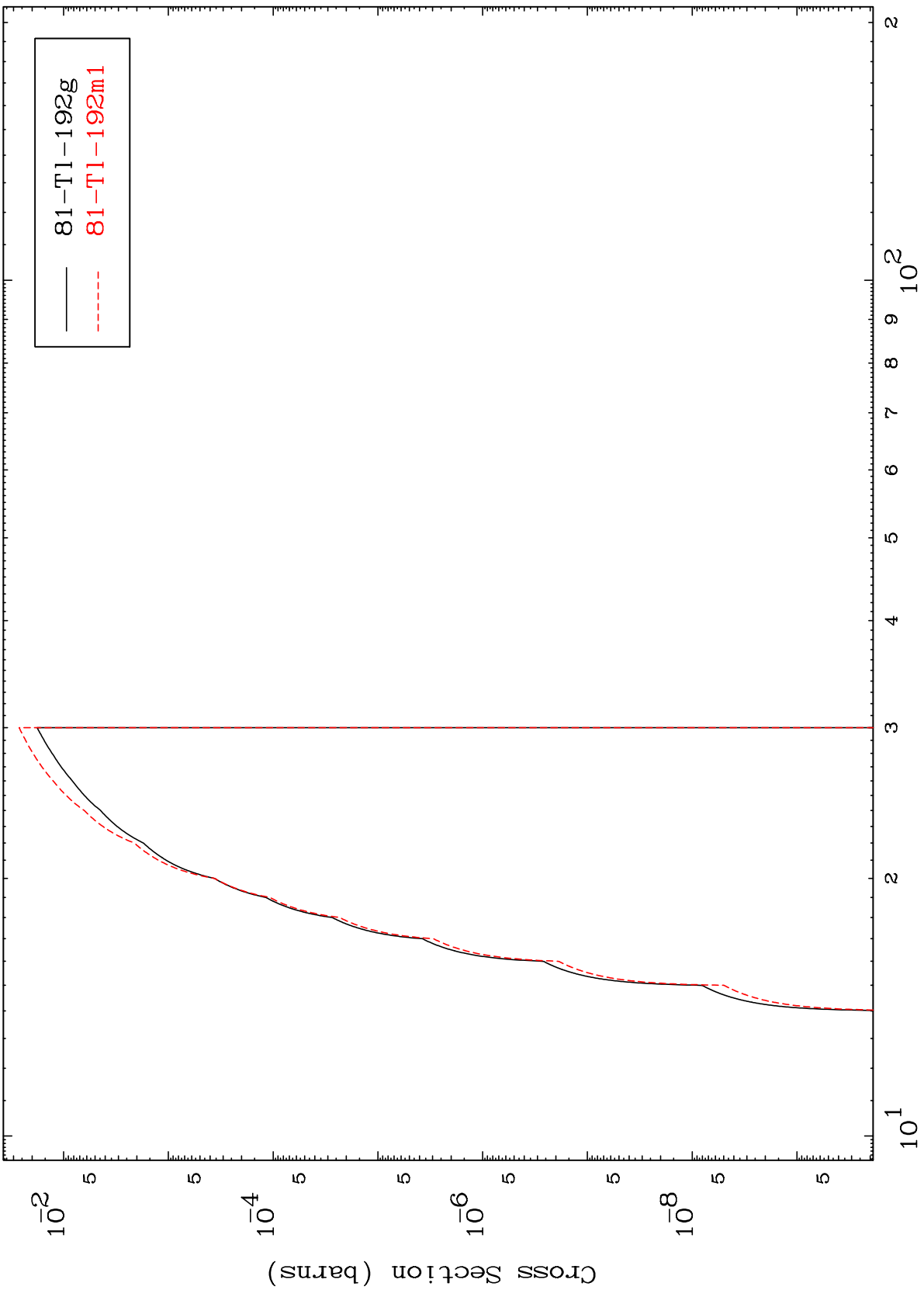
81-Tl-193

MAT 8095

(n,n') d

81-Tl-193

Radionuclide Production Cross Section



19

Incident Energy (MeV)

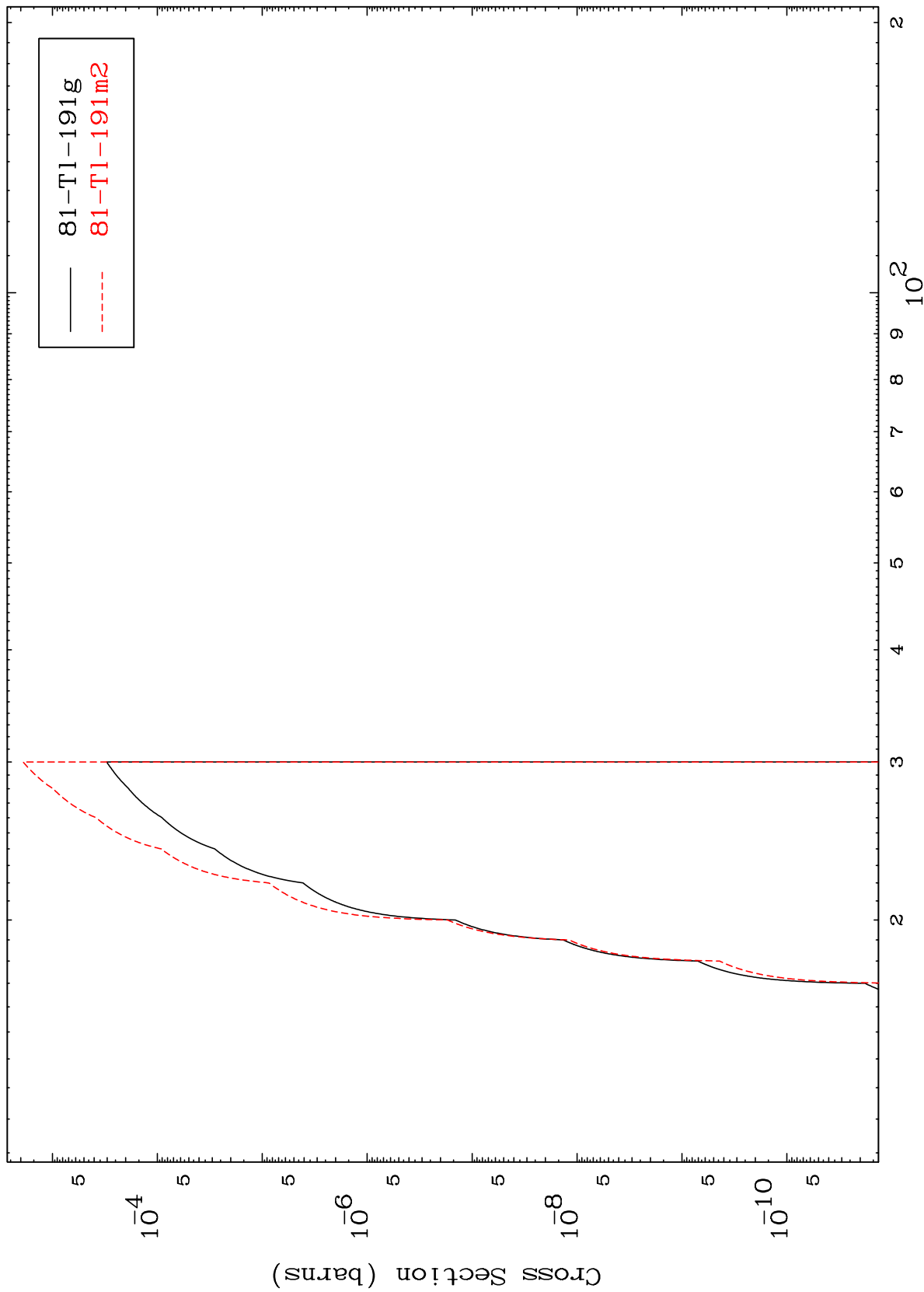
81-Tl-193

MAT 8095

(n,n') t

81-Tl-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

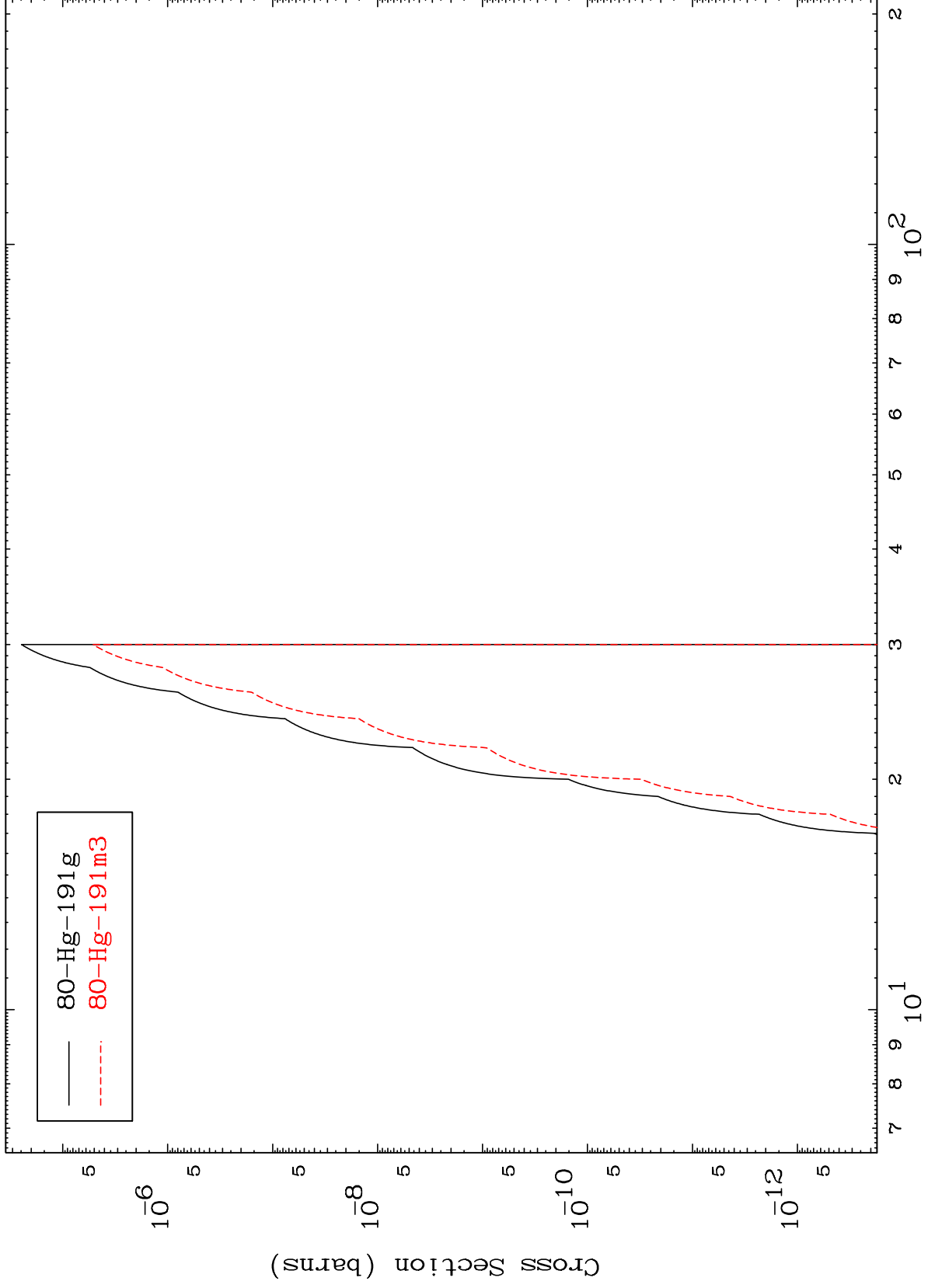
81-Tl-193

MAT 8095

(n,n') He-3

81-T1-193

Radionuclide Production Cross Section



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

21

Incident Energy (MeV)

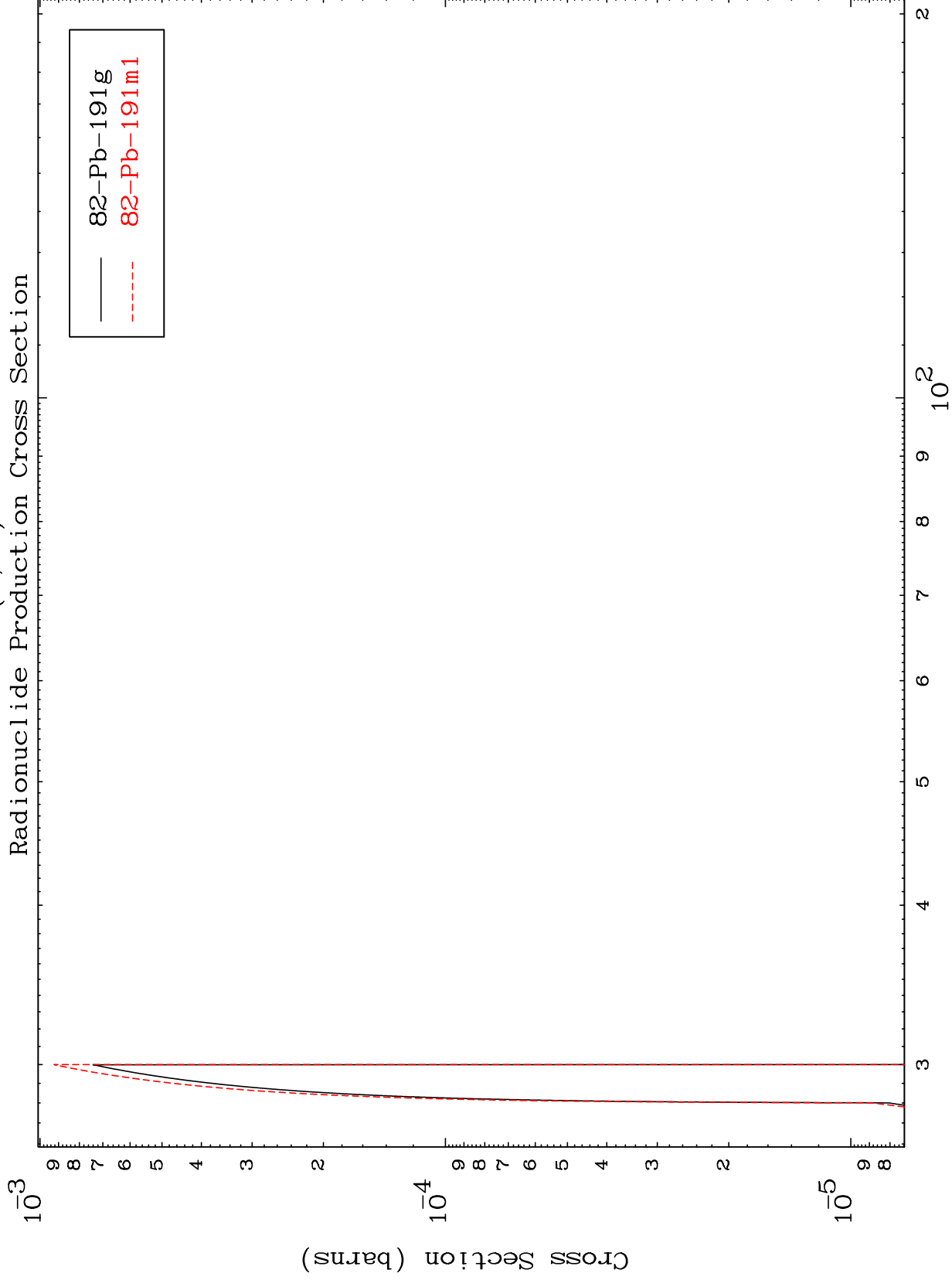
81-T1-193

MAT 8095

(n,4n)

81-T1-193

Radionuclide Production Cross Section

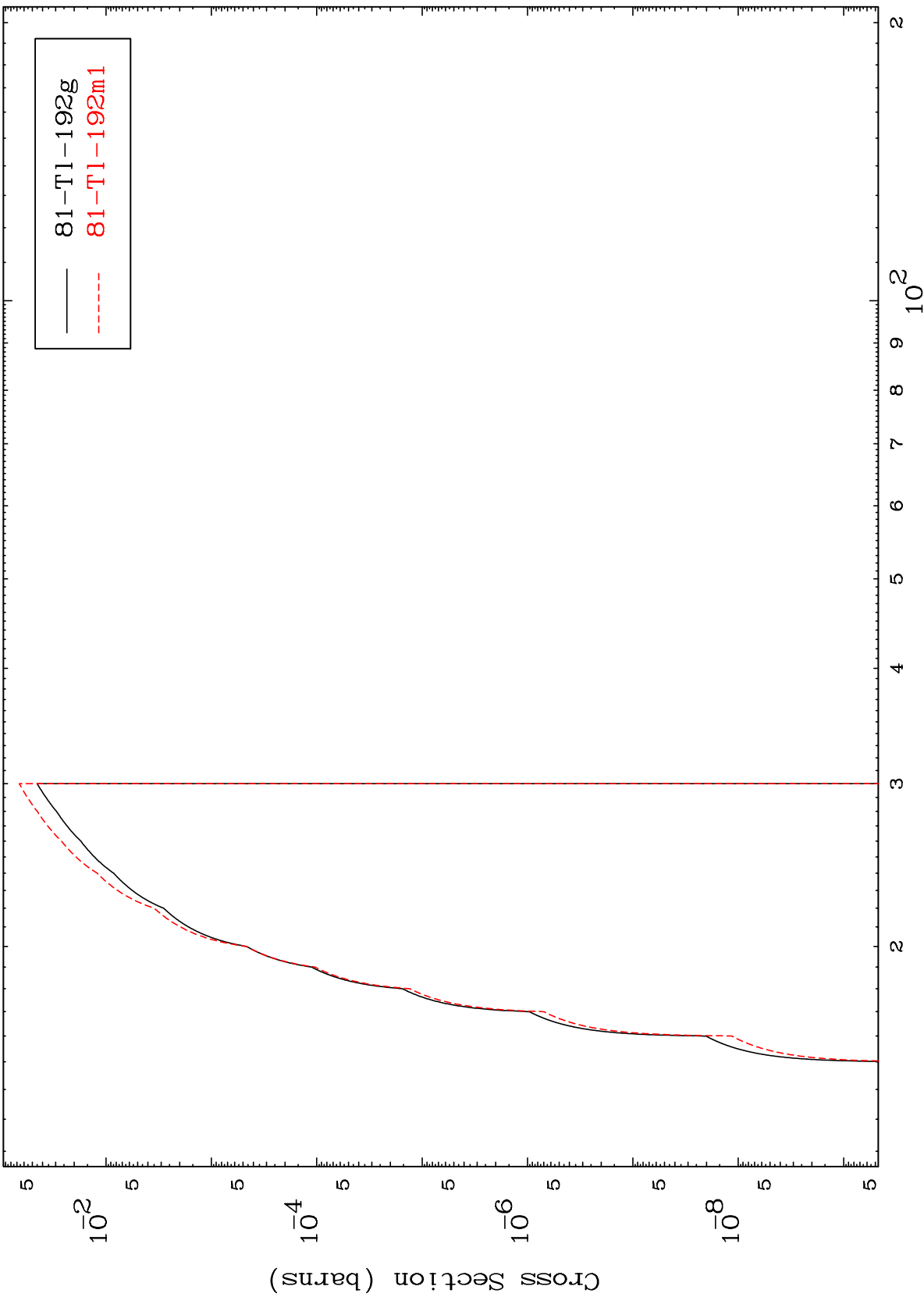


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Incident Energy (MeV)

81-T1-193

Radionuclide Production Cross Section

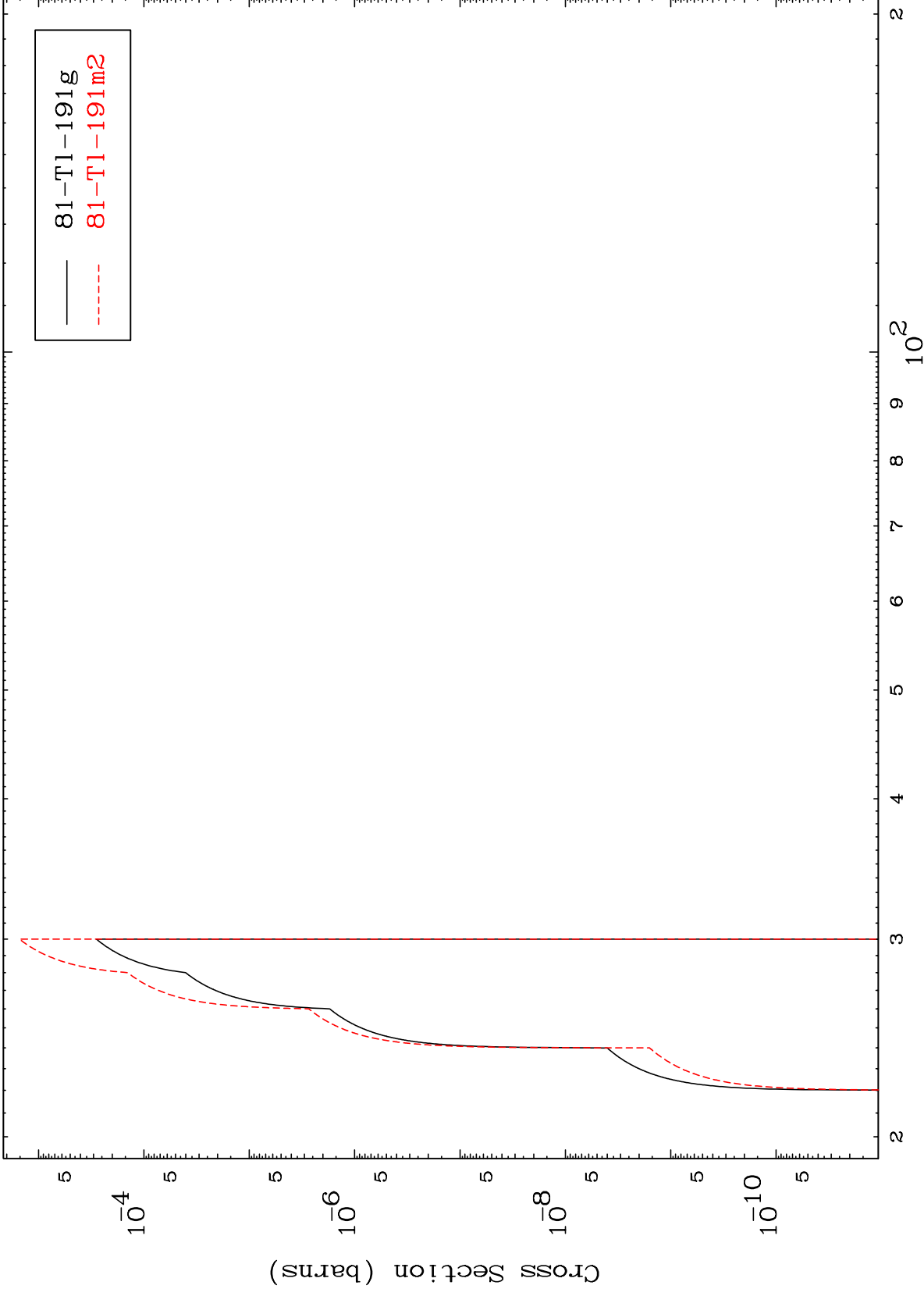


MAT 8095

(n,3n) p

81-Tl-193

Radionuclide Production Cross Section



24

Incident Energy (MeV)

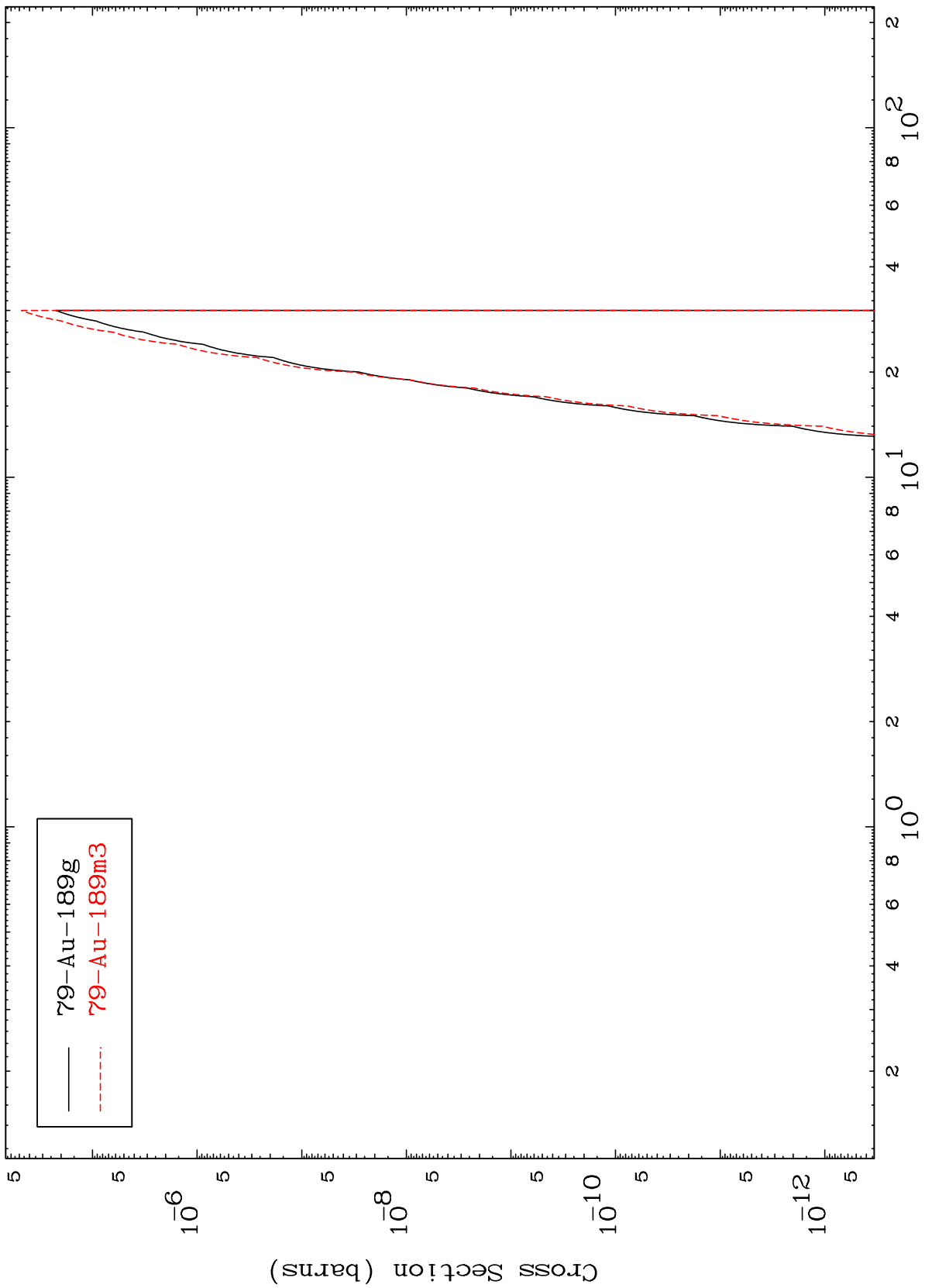
81-Tl-193

MAT 8095

(n,n') p α

81-Tl-193

Radionuclide Production Cross Section



25

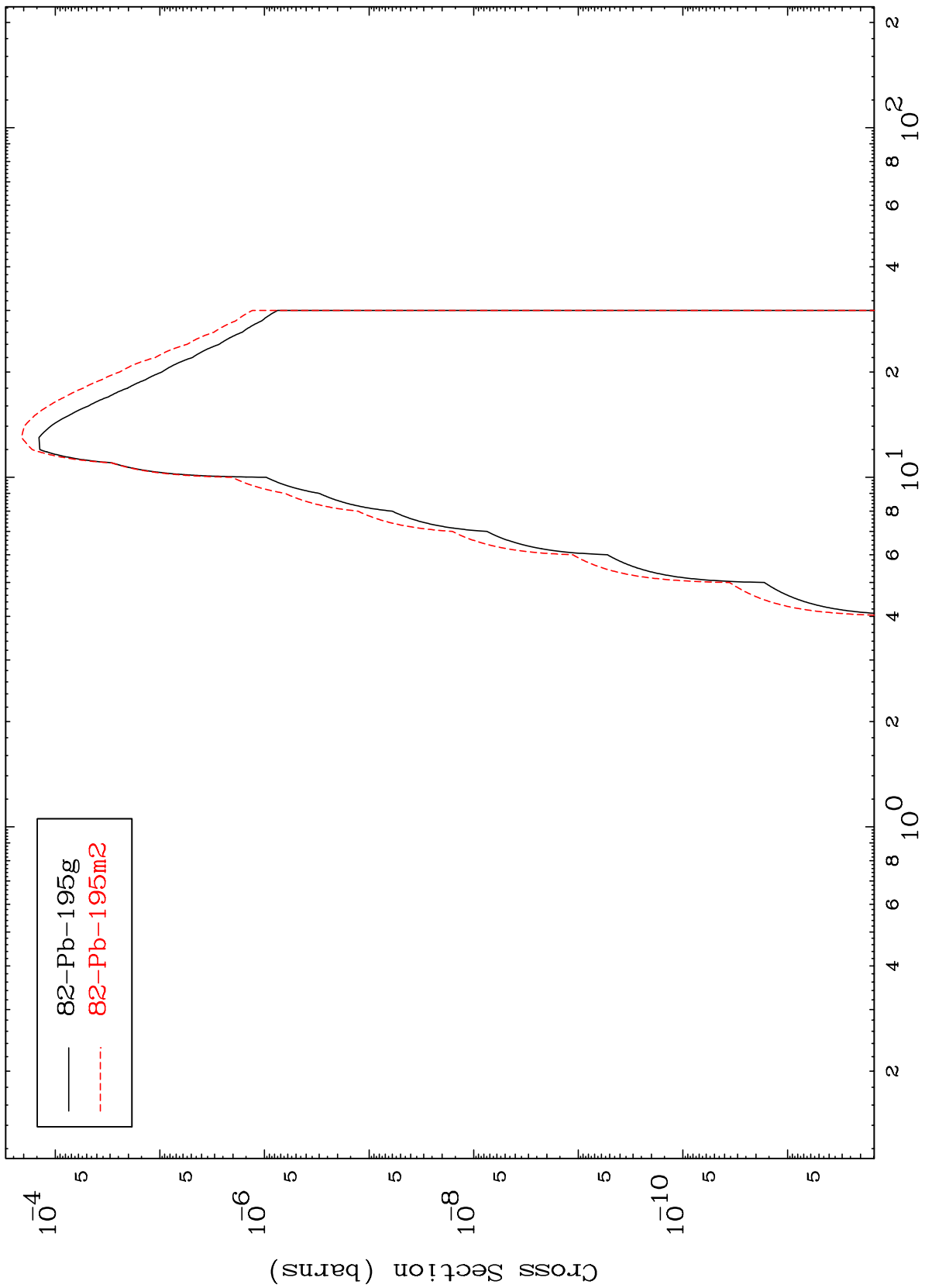
Incident Energy (MeV)

81-Tl-193

MAT 8095

81-Tl-193

(n, γ)
Radionuclide Production Cross Section



— 82-Pb-195g
- - - 82-Pb-195m2

81-Tl-193

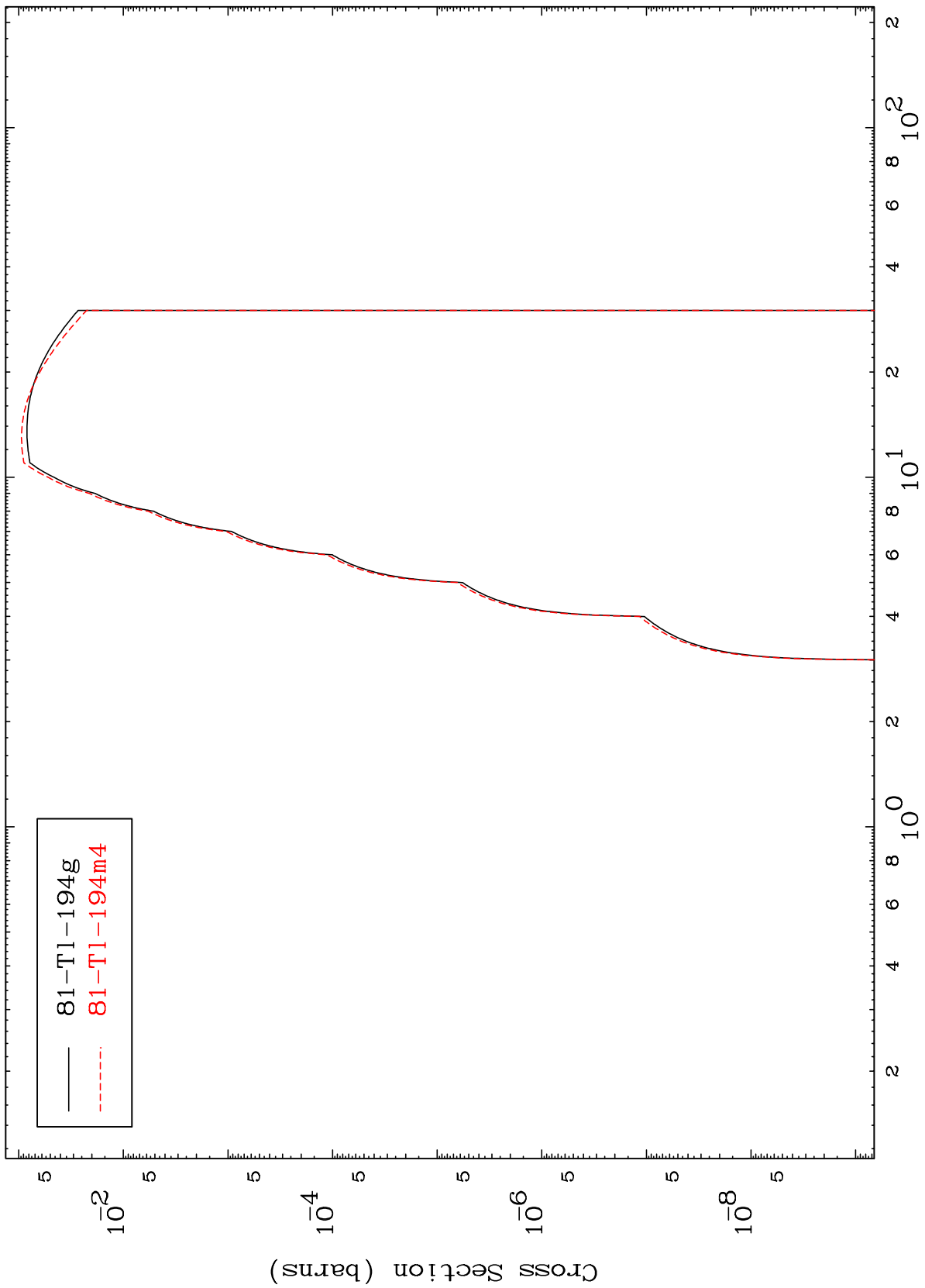
Incident Energy (MeV)

26

MAT 8095

81-Tl-193

(n,p)
Radionuclide Production Cross Section



81-Tl-193

Incident Energy (MeV)

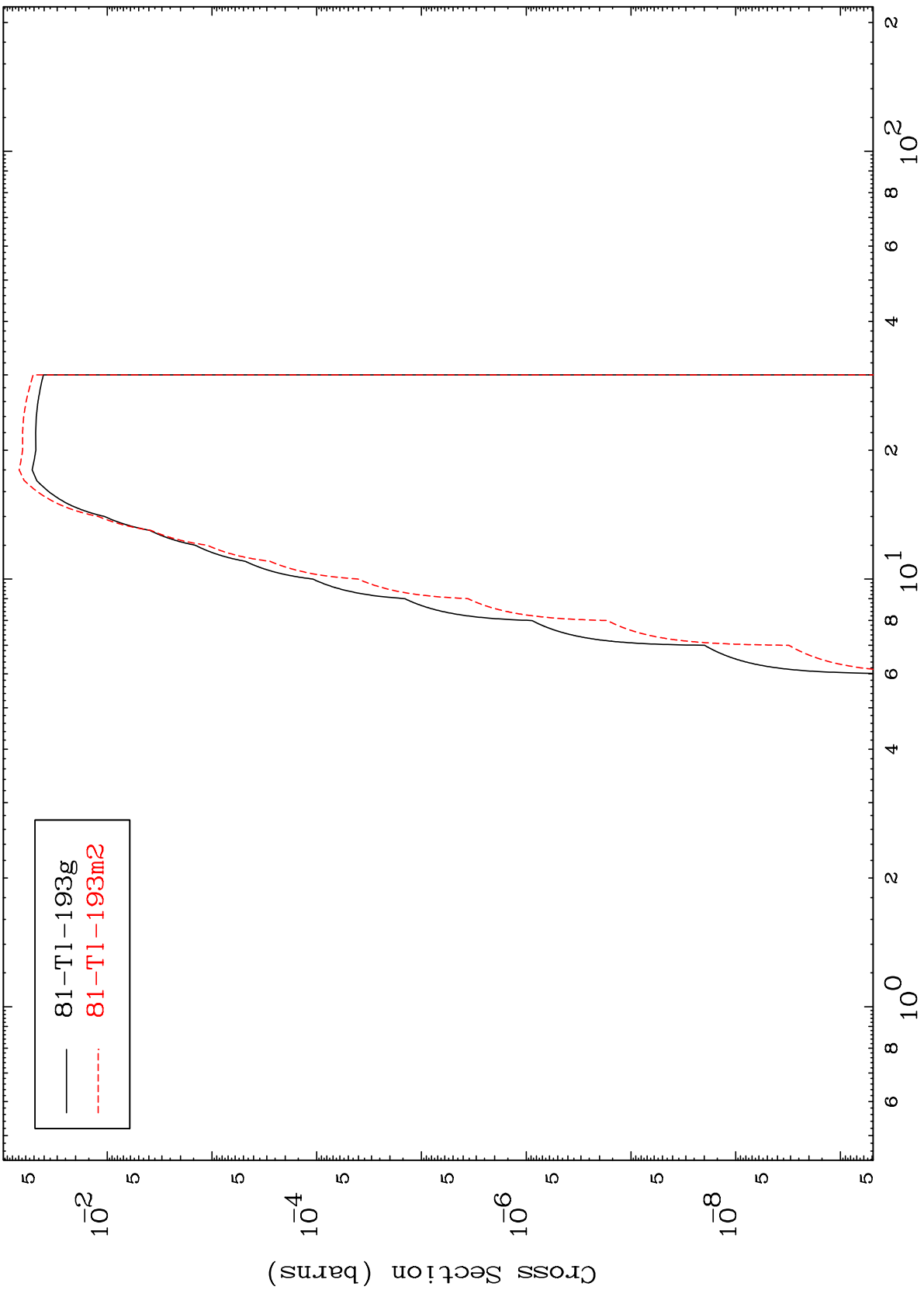
27

MAT 8095

(n,d)

81-Tl-193

Radionuclide Production Cross Section

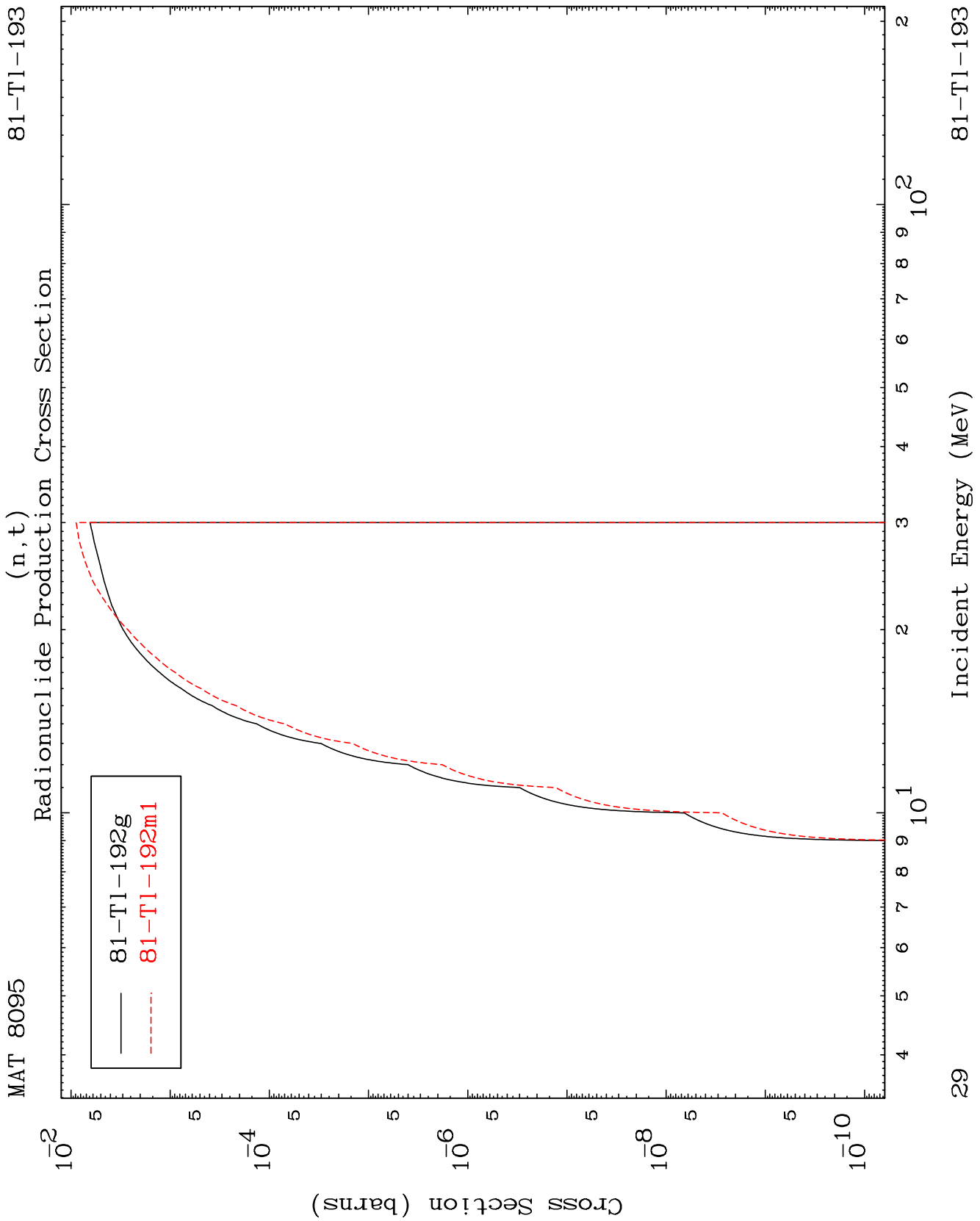


81-Tl-193g
81-Tl-193m2

28

Incident Energy (MeV)

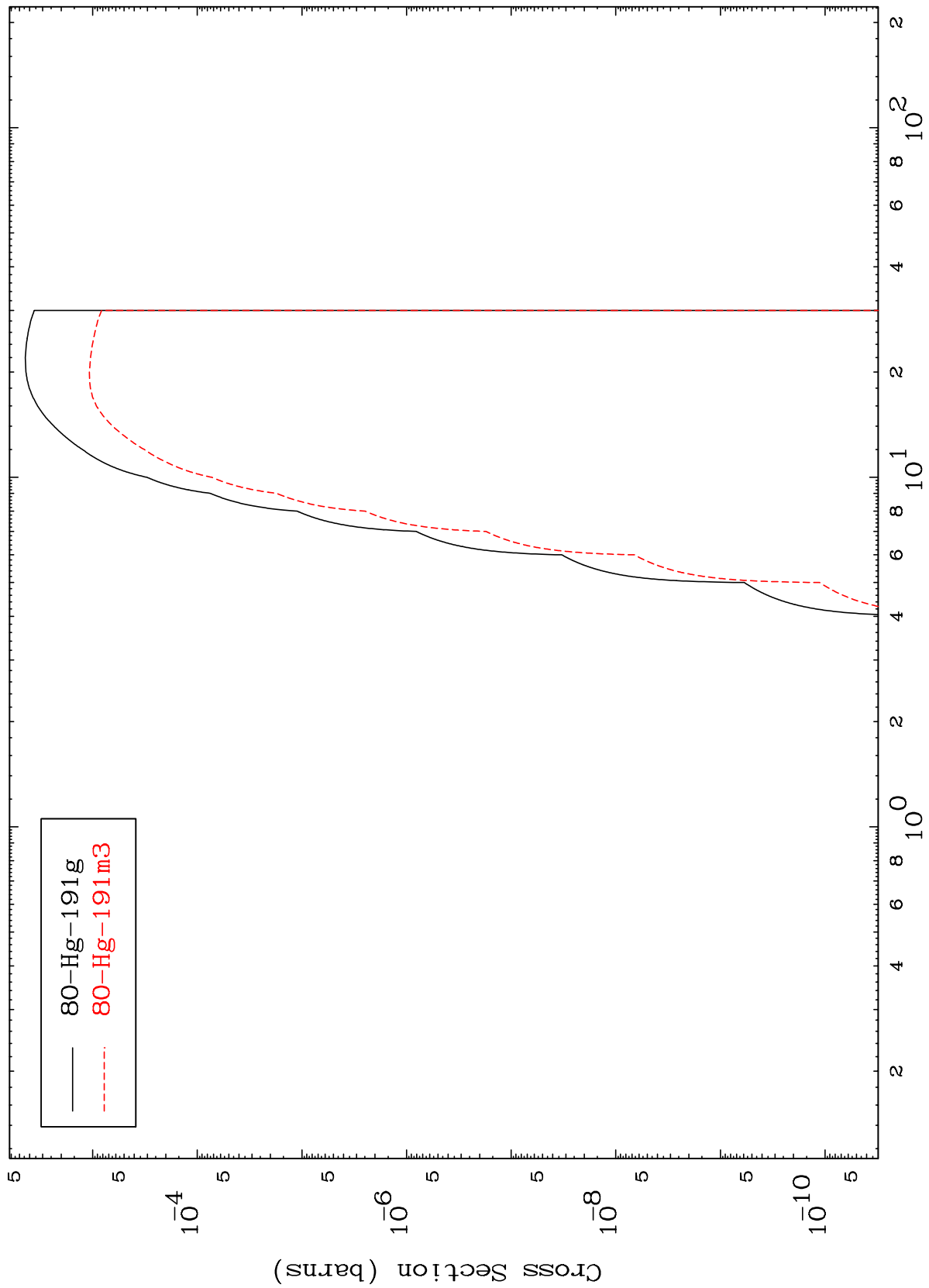
81-Tl-193



MAT 8095

81-Tl-193

(n, α)
Radionuclide Production Cross Section



30

81-Tl-193

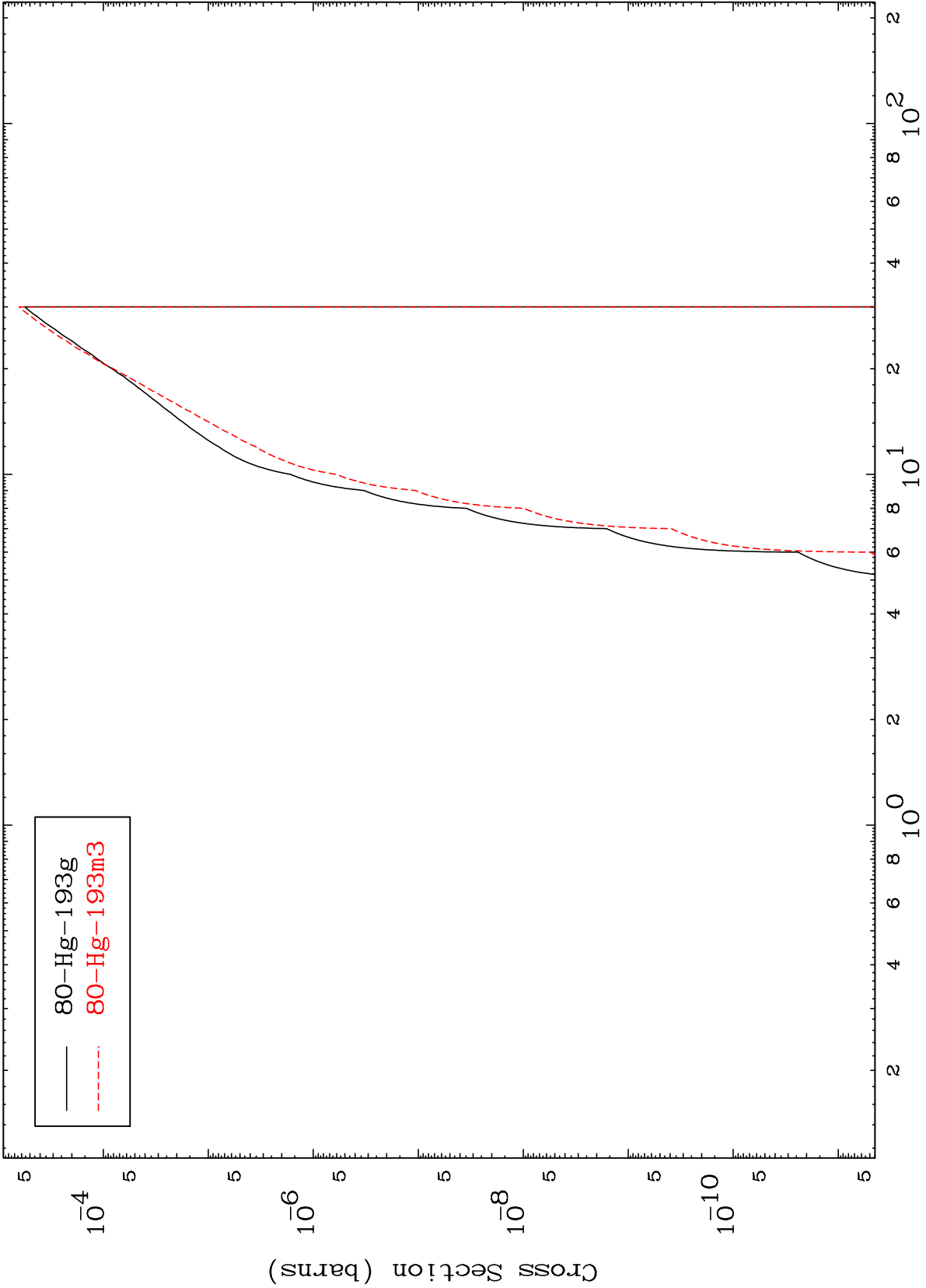
Incident Energy (MeV)

MAT 8095

(n,2p)

81-Tl-193

Radionuclide Production Cross Section

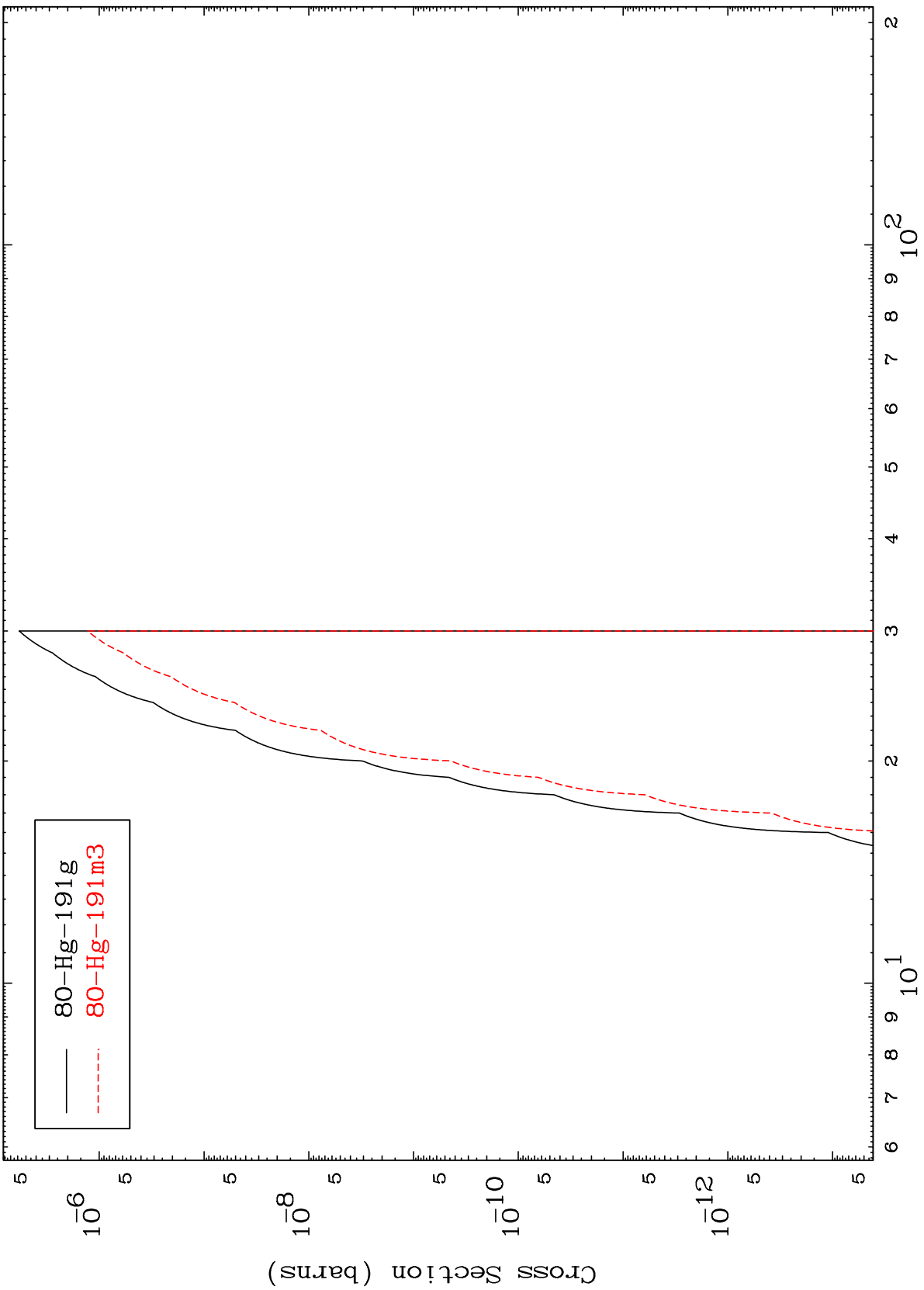


MAT 8095

(n,p) t

81-Tl-193

Radionuclide Production Cross Section



32

Incident Energy (MeV)

81-Tl-193

MAT 8095

(n,d) α

81-Tl-193

Radionuclide Production Cross Section

