

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

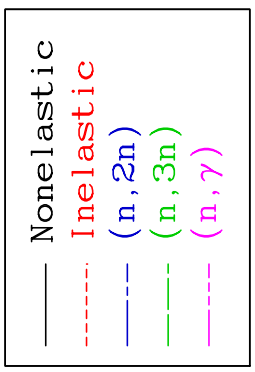
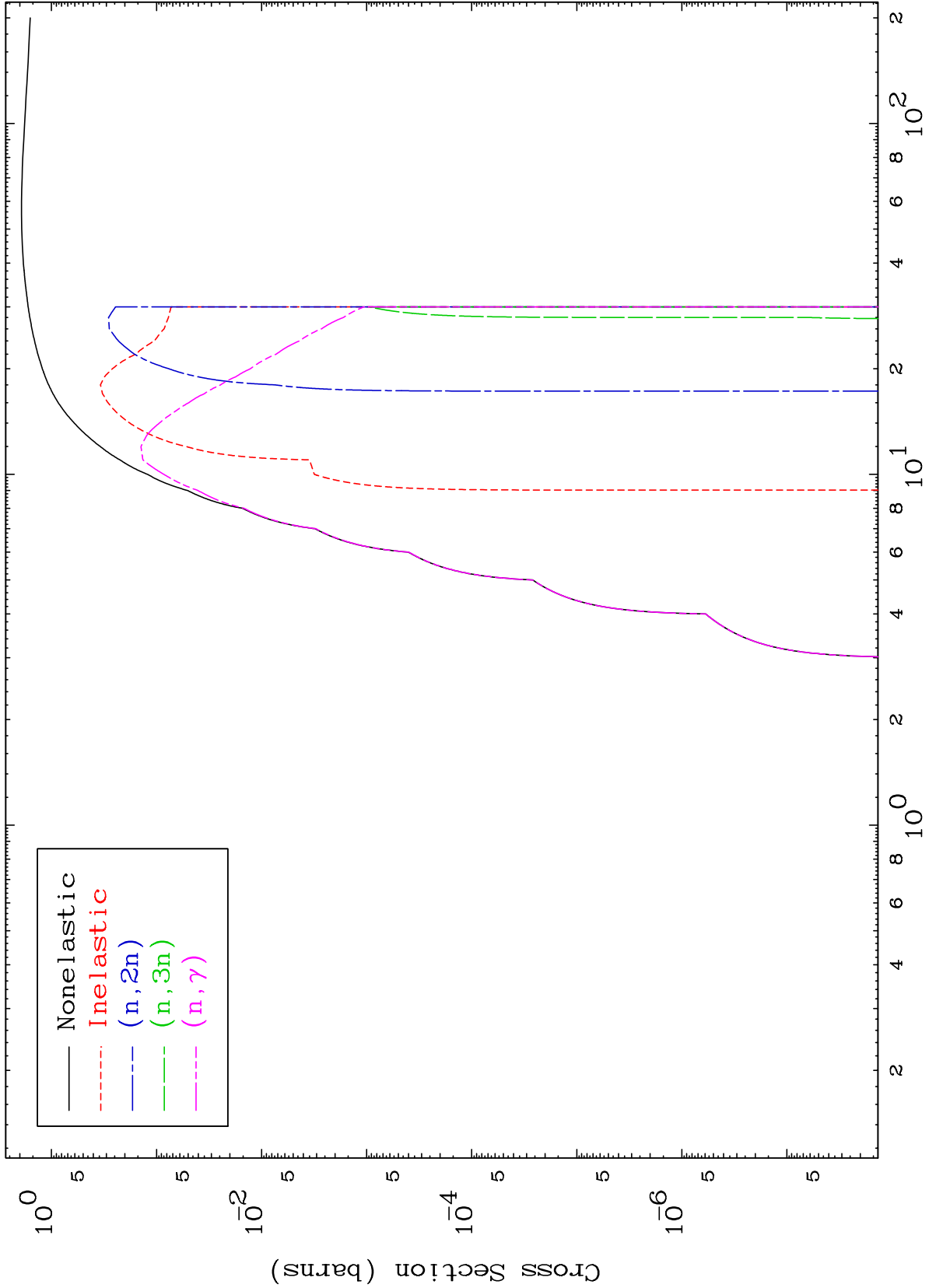
Press Mouse Button to Start

MAT 8195

Proton Major

82-Pb-194

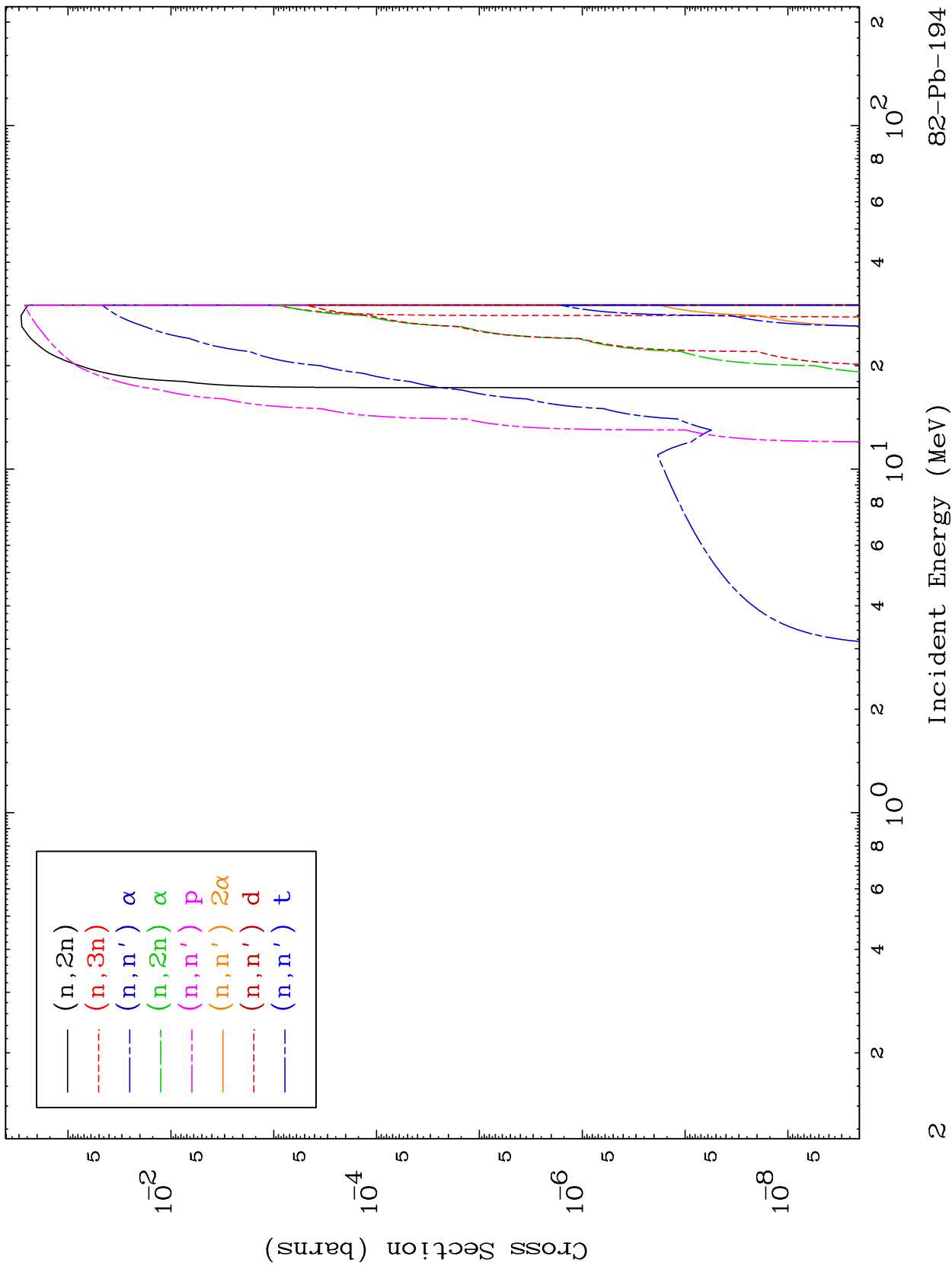
0 Kelvin Cross Sections



MAT 8195

Proton Neutron Absorption
0 Kelvin Cross Sections

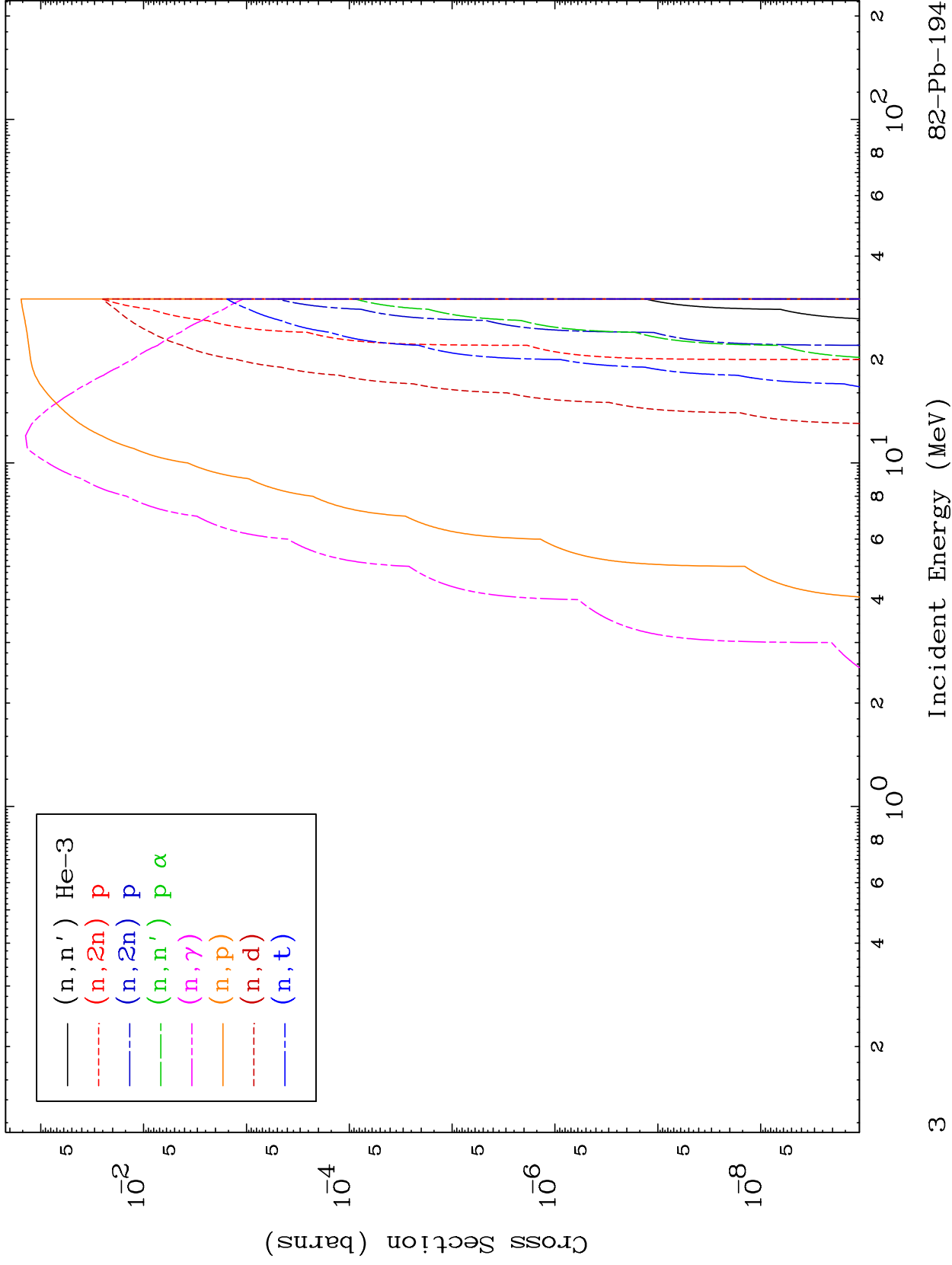
82-Pb-194



MAT 8195

Proton Neutron Absorption
0 Kelvin Cross Sections

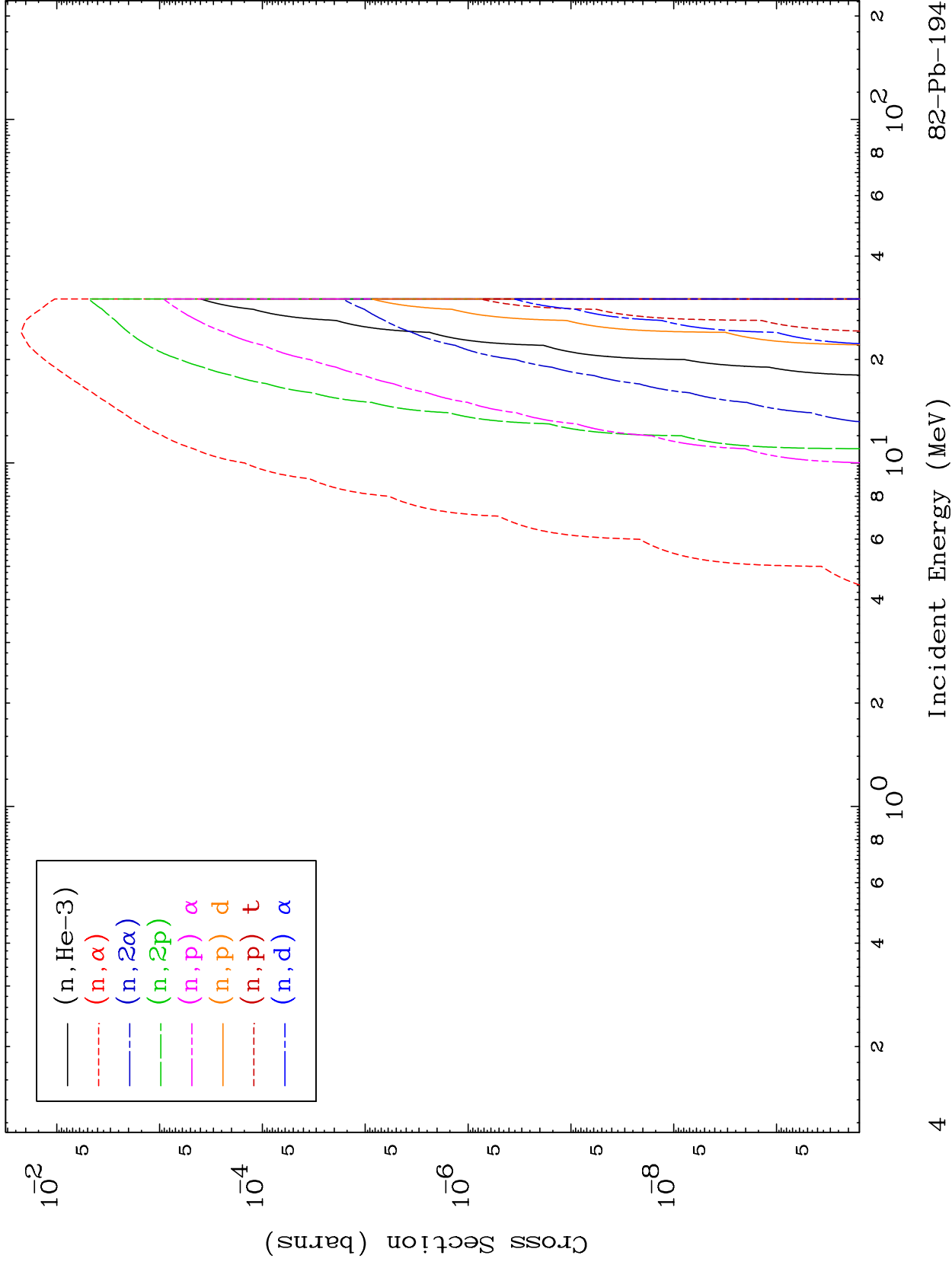
82-Pb-194

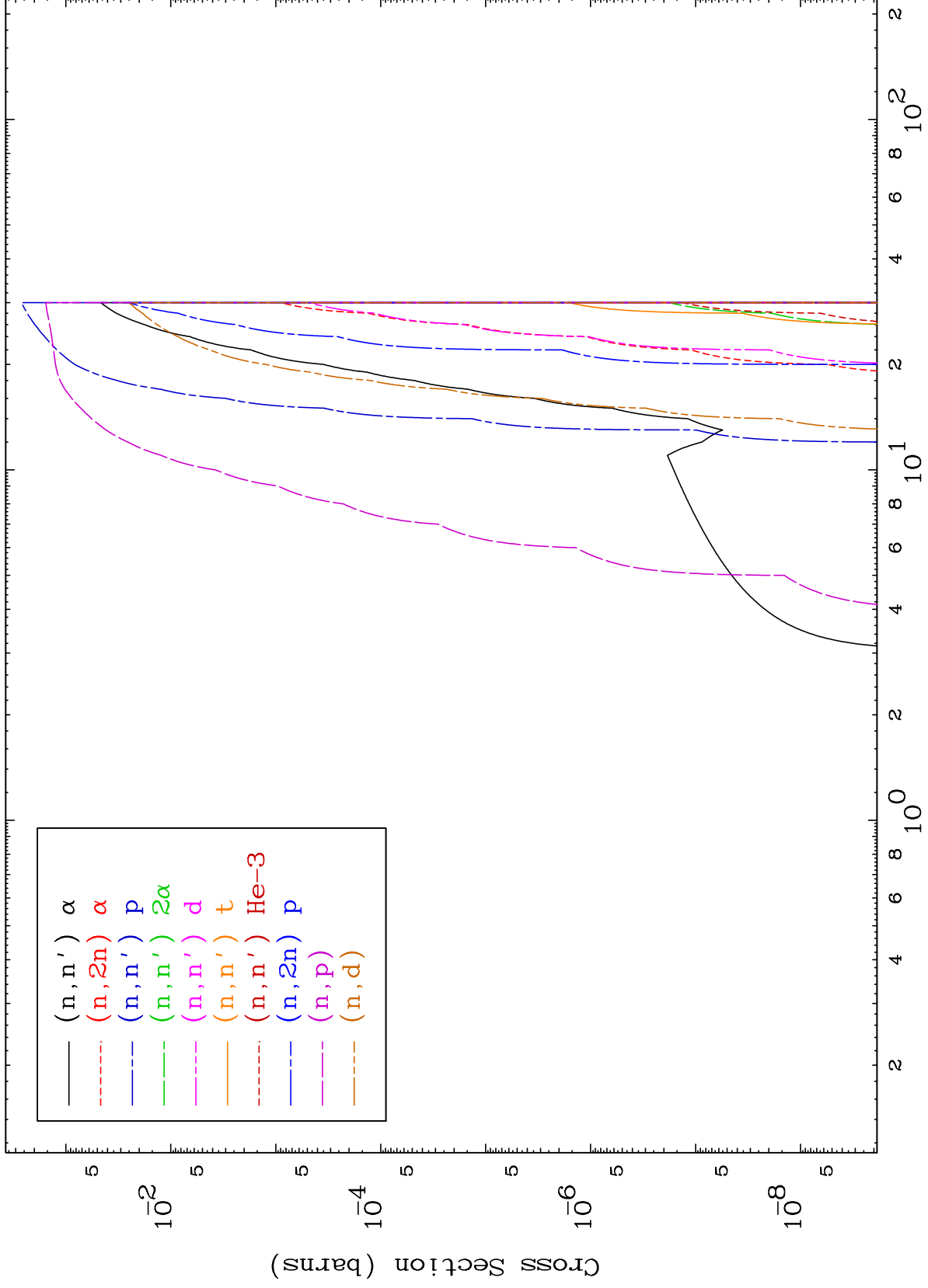


MAT 8195

Proton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-194

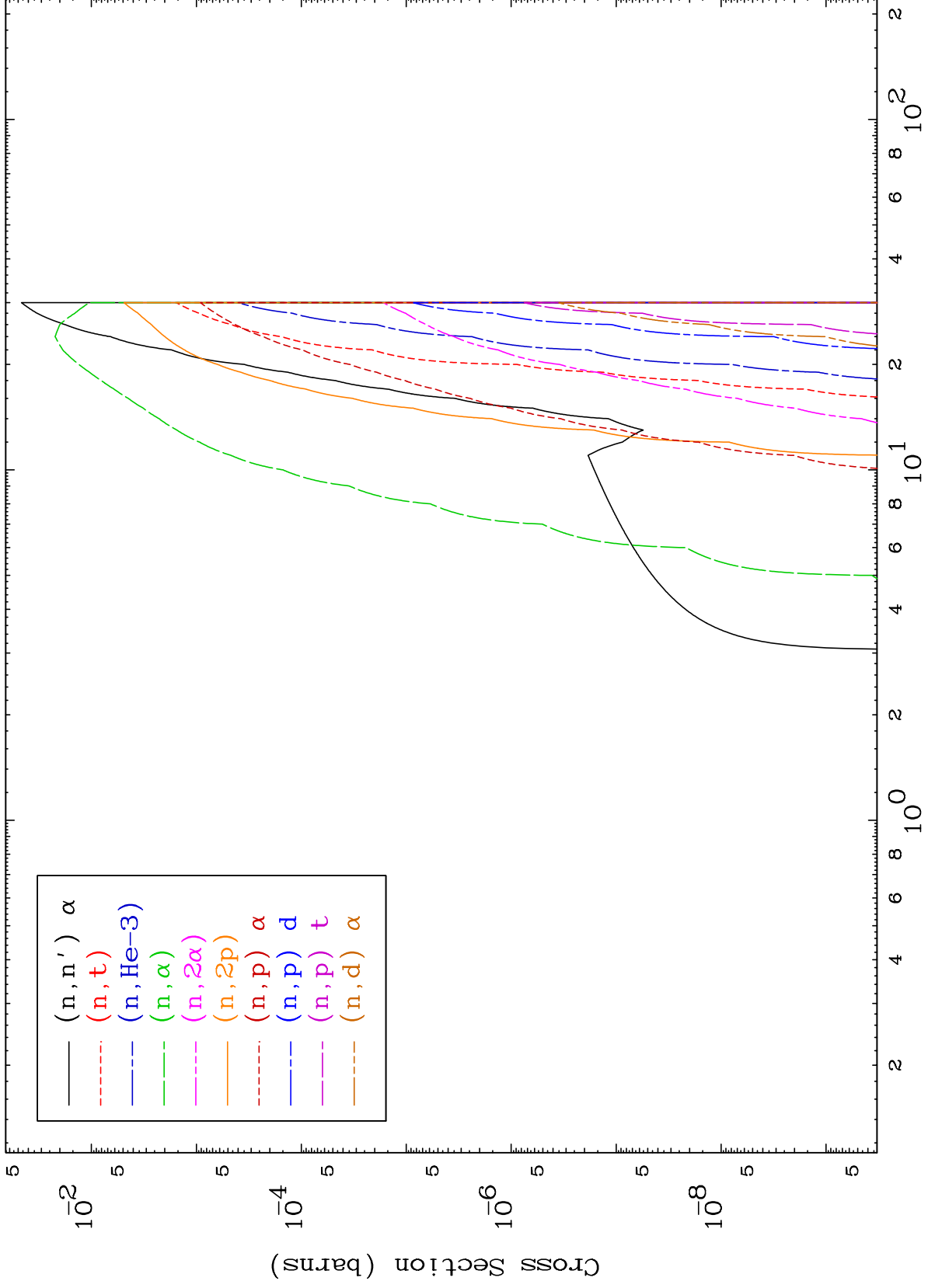




MAT 8195

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-194



6

Incident Energy (MeV)

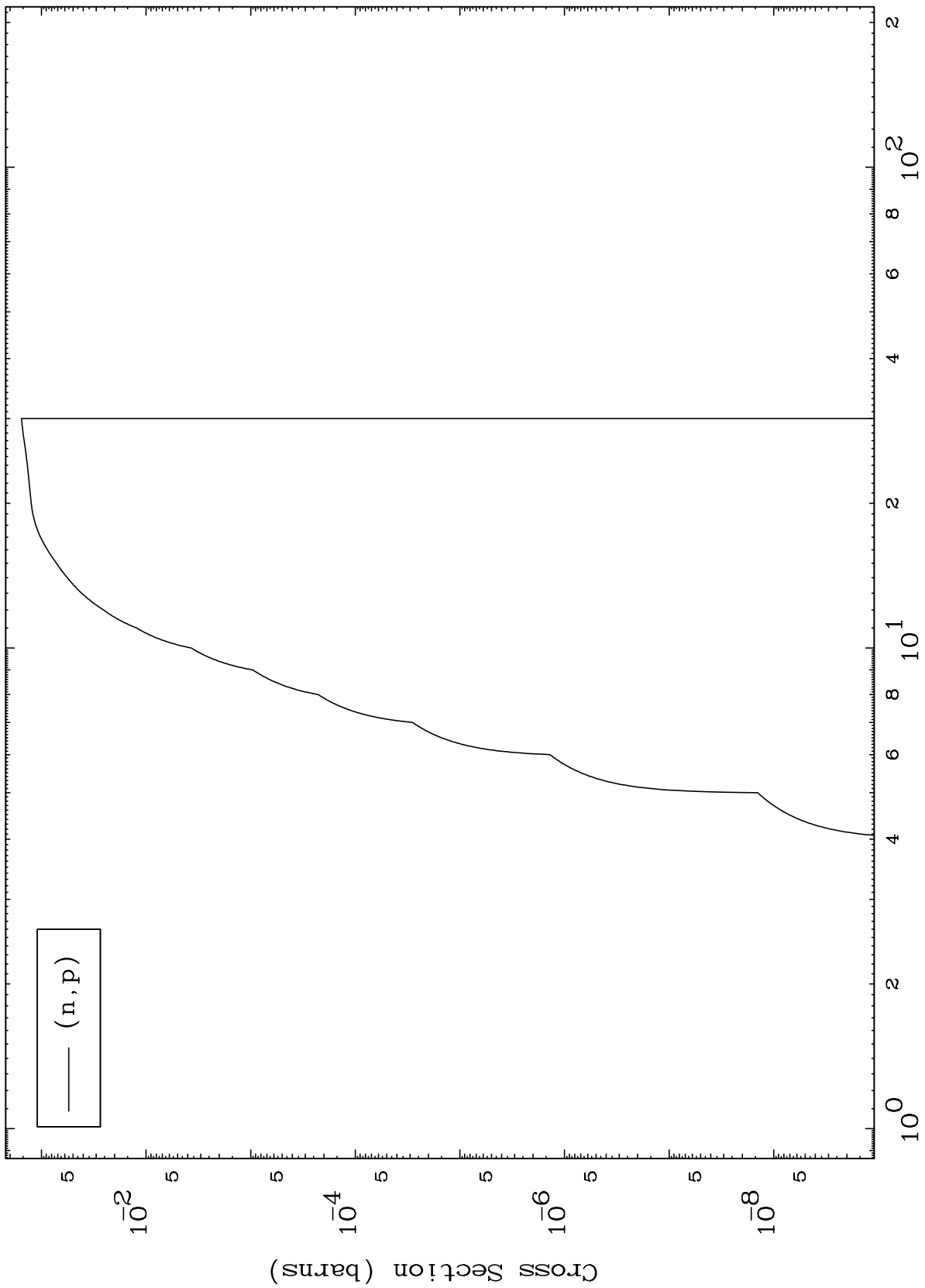
82-Pb-194

MAT 8195

(p,p) Levels

82-Pb-194

0 Kelvin Cross Sections



Incident Energy (MeV)

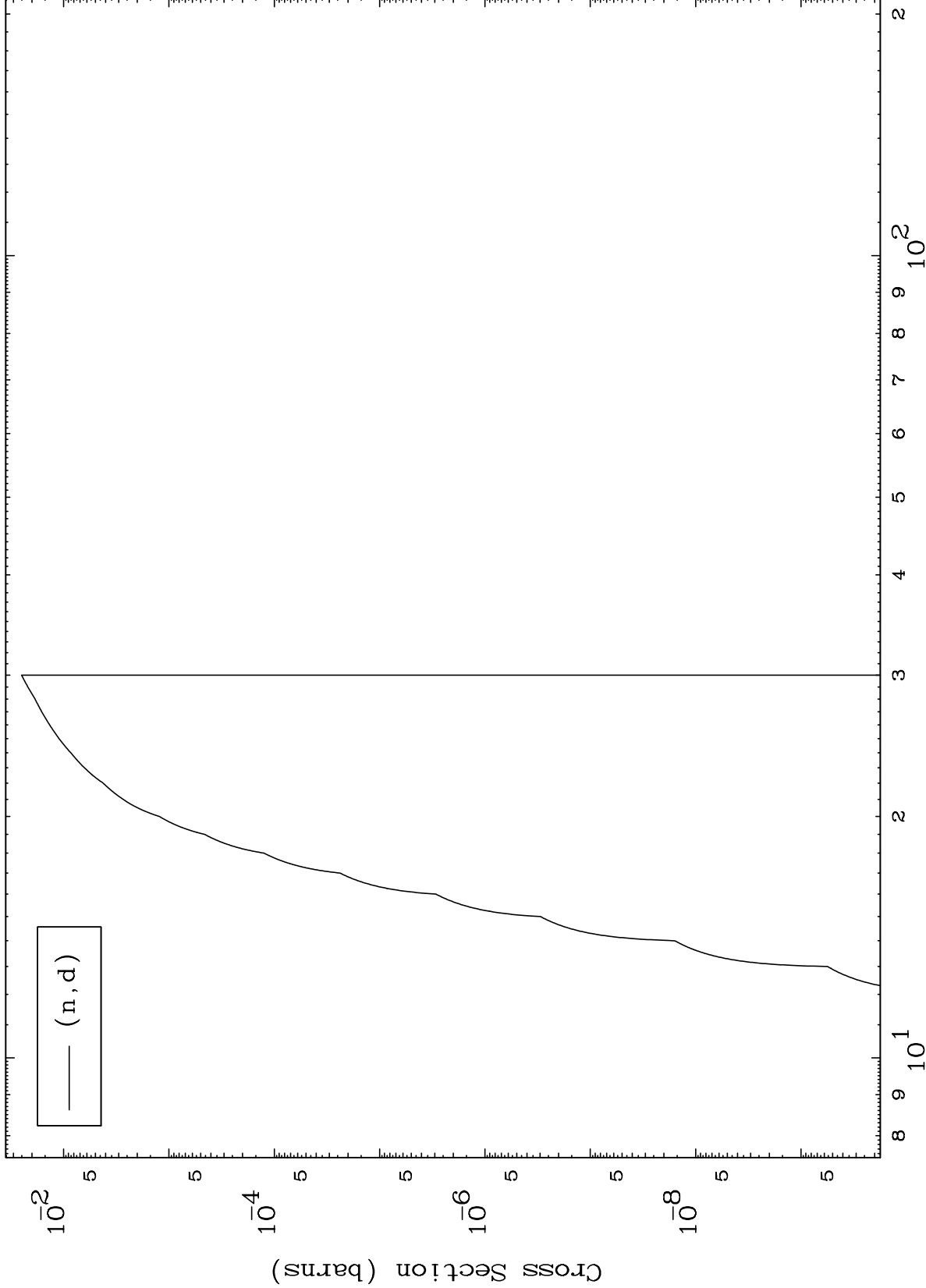
82-Pb-194

7

MAT 8195

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-194



8

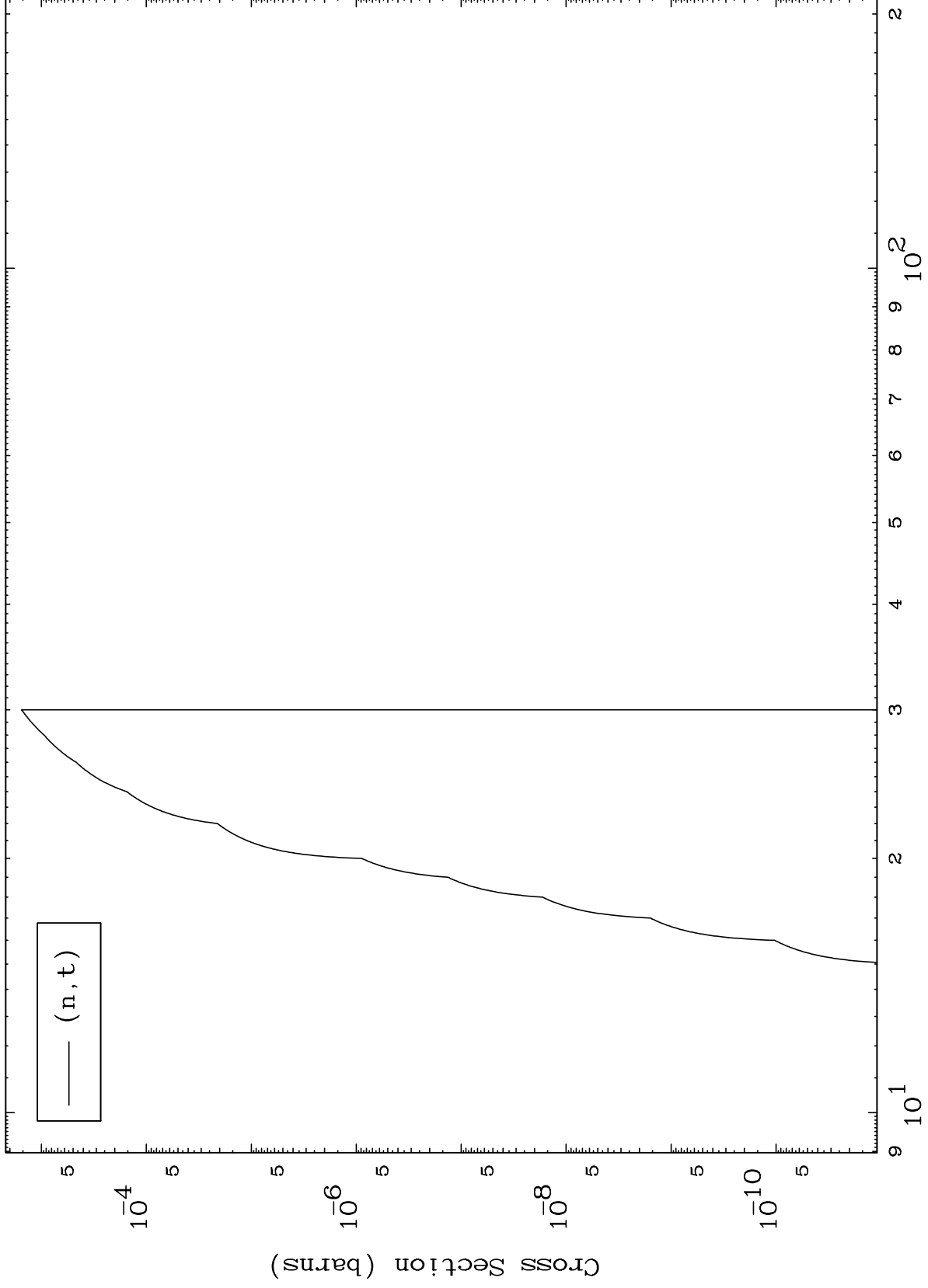
Incident Energy (MeV)

82-Pb-194

MAT 8195

(p,t) Levels
0 Kelvin Cross Sections

82-Pb-194



82-Pb-194

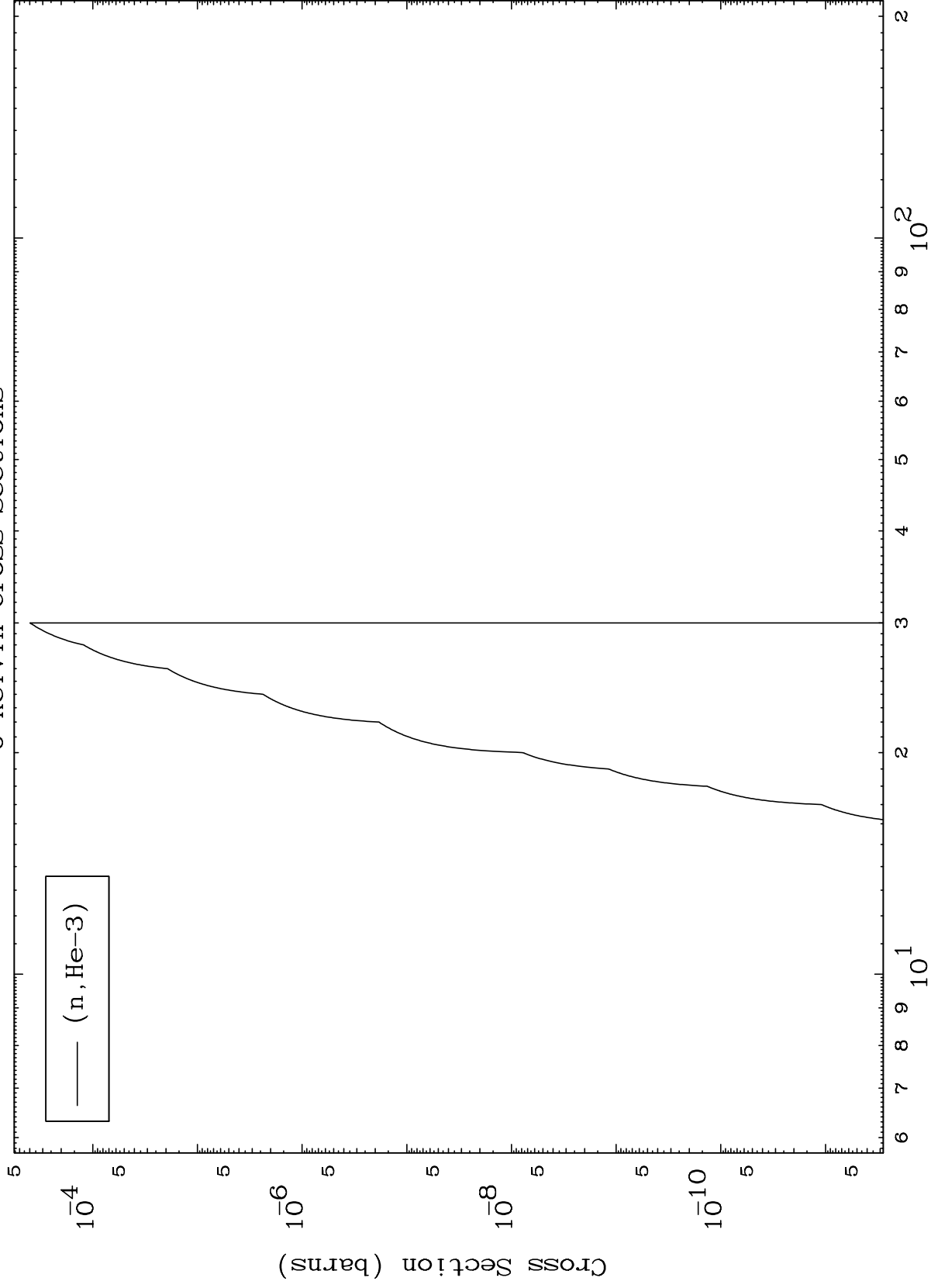
Incident Energy (MeV)

9

MAT 8195

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-194



10

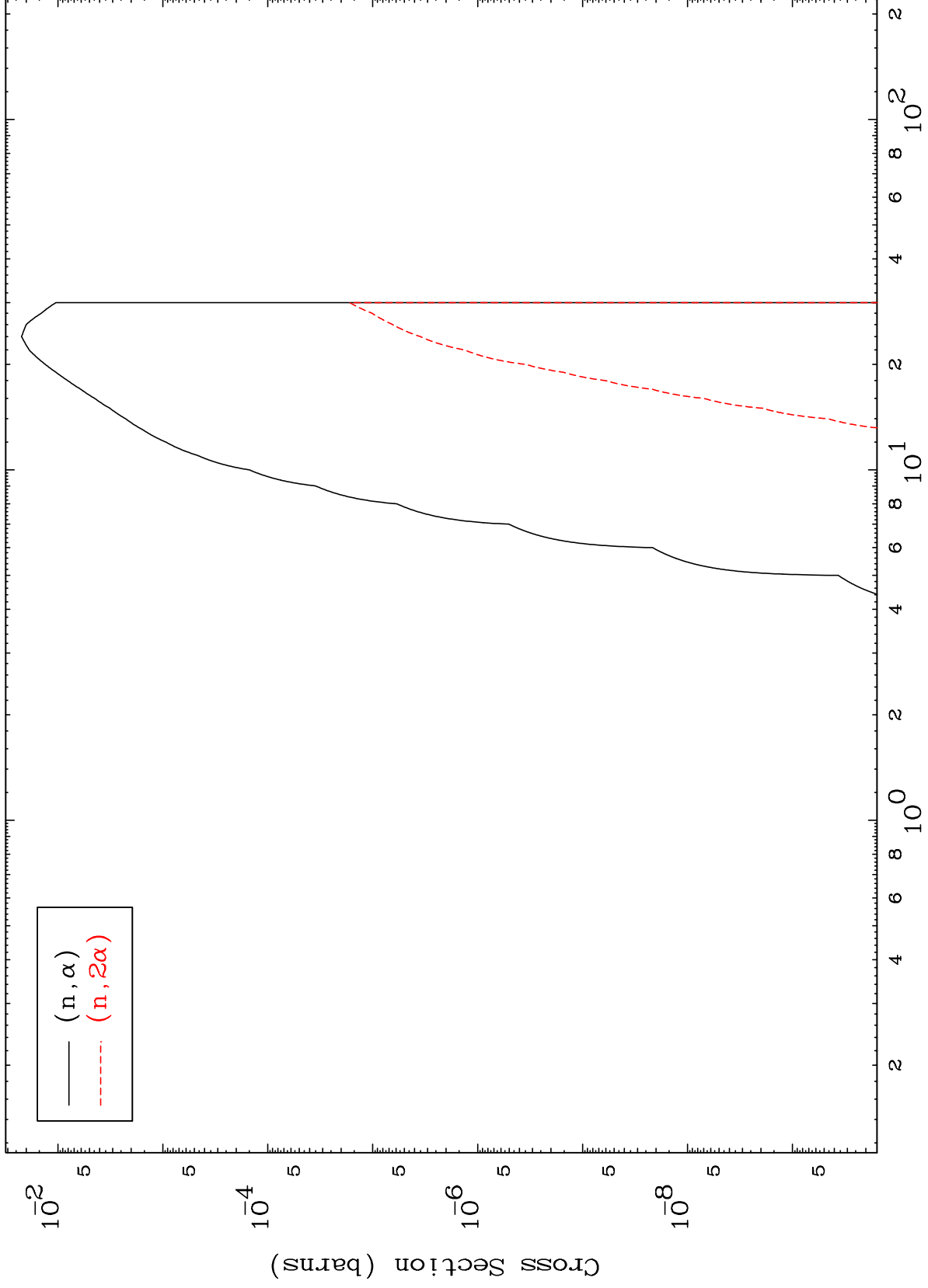
Incident Energy (MeV)

82-Pb-194

MAT 8195

(p, α) Levels
0 Kelvin Cross Sections

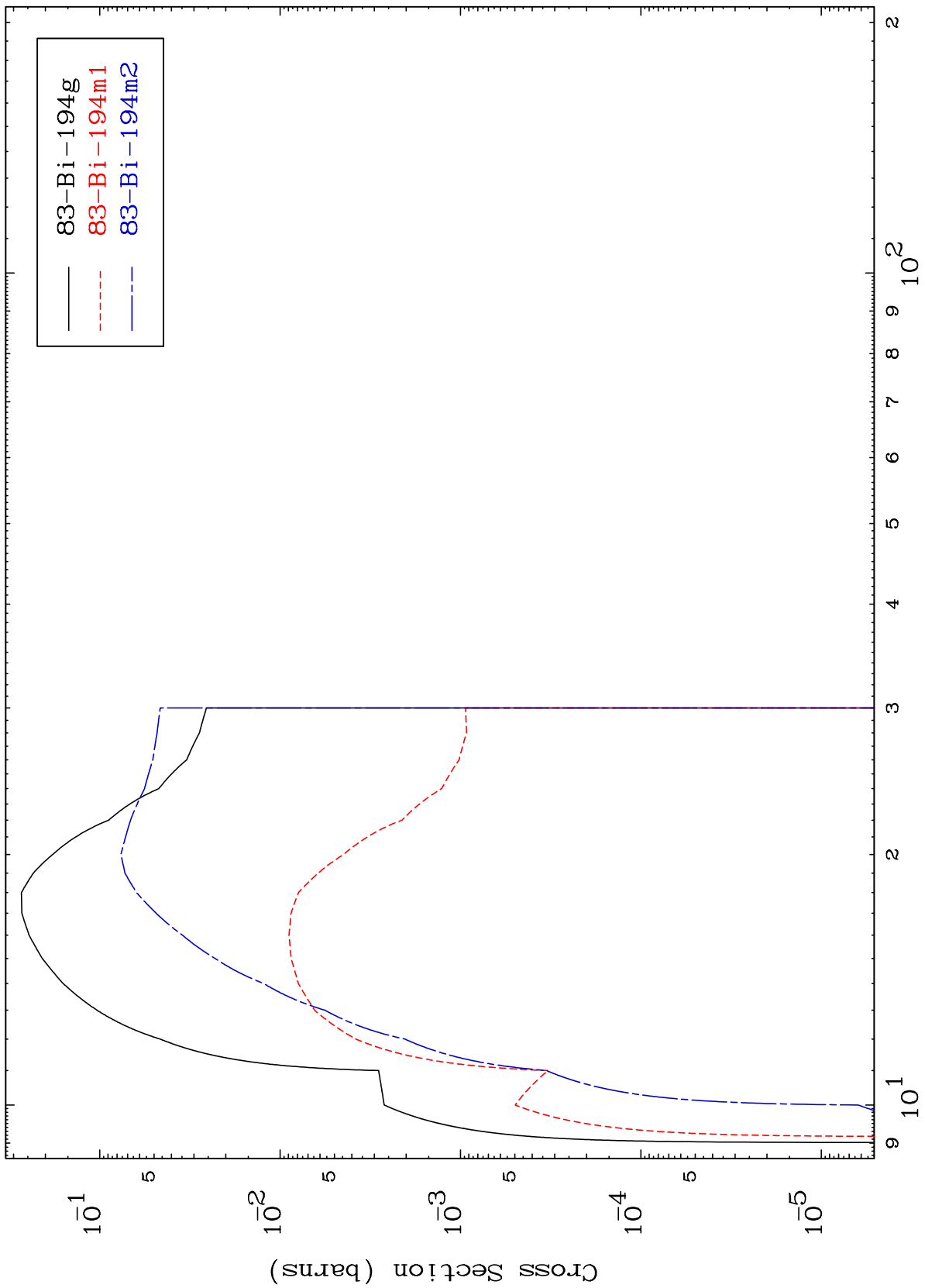
82-Pb-194



MAT 8195

82-Pb-194

Inelastic
Radionuclide Production Cross Section



82-Pb-194

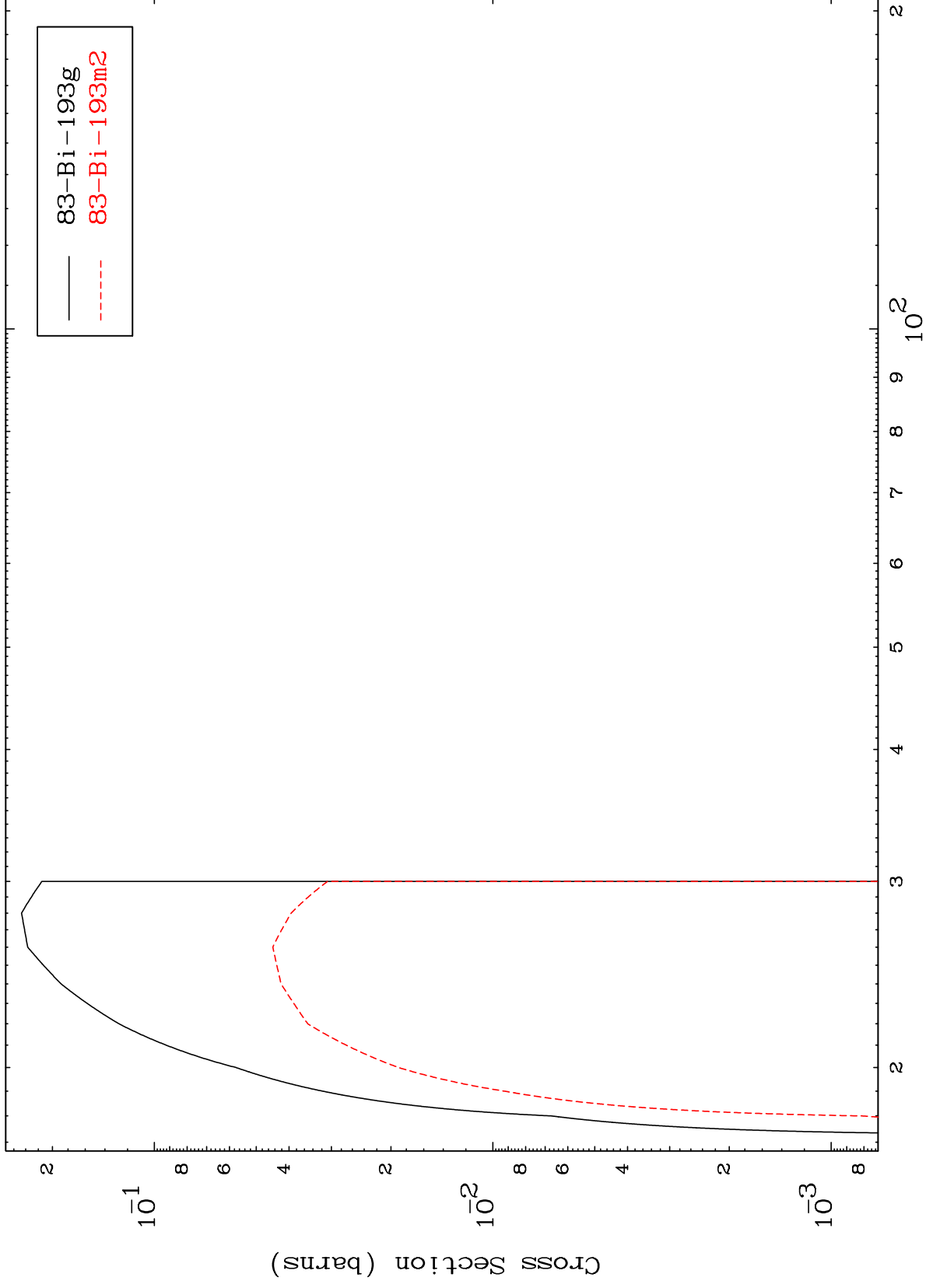
Incident Energy (MeV)

12

MAT 8195

82-Pb-194

(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

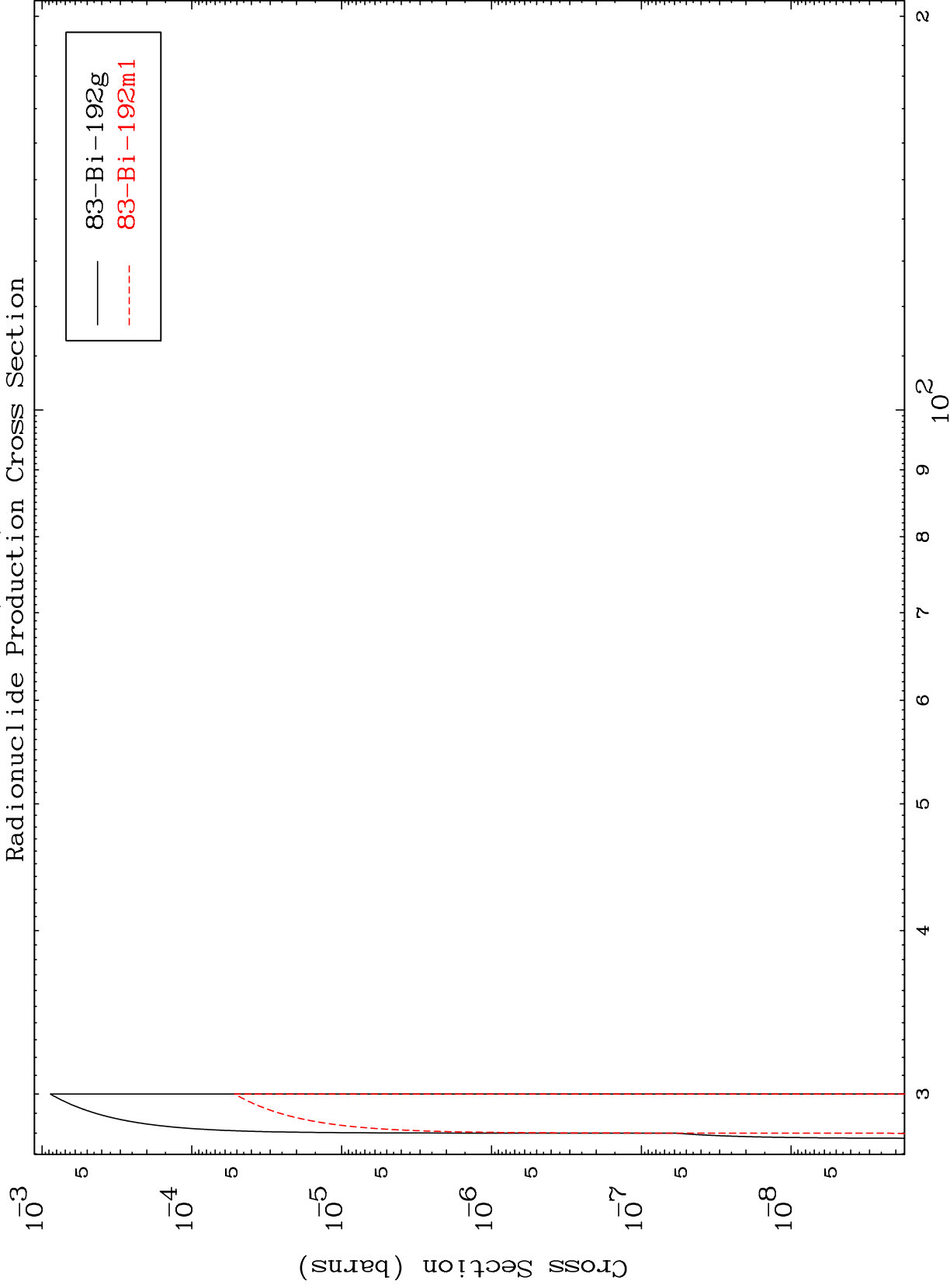
82-Pb-194

MAT 8195

(n,3n)

82-Pb-194

Radionuclide Production Cross Section



14

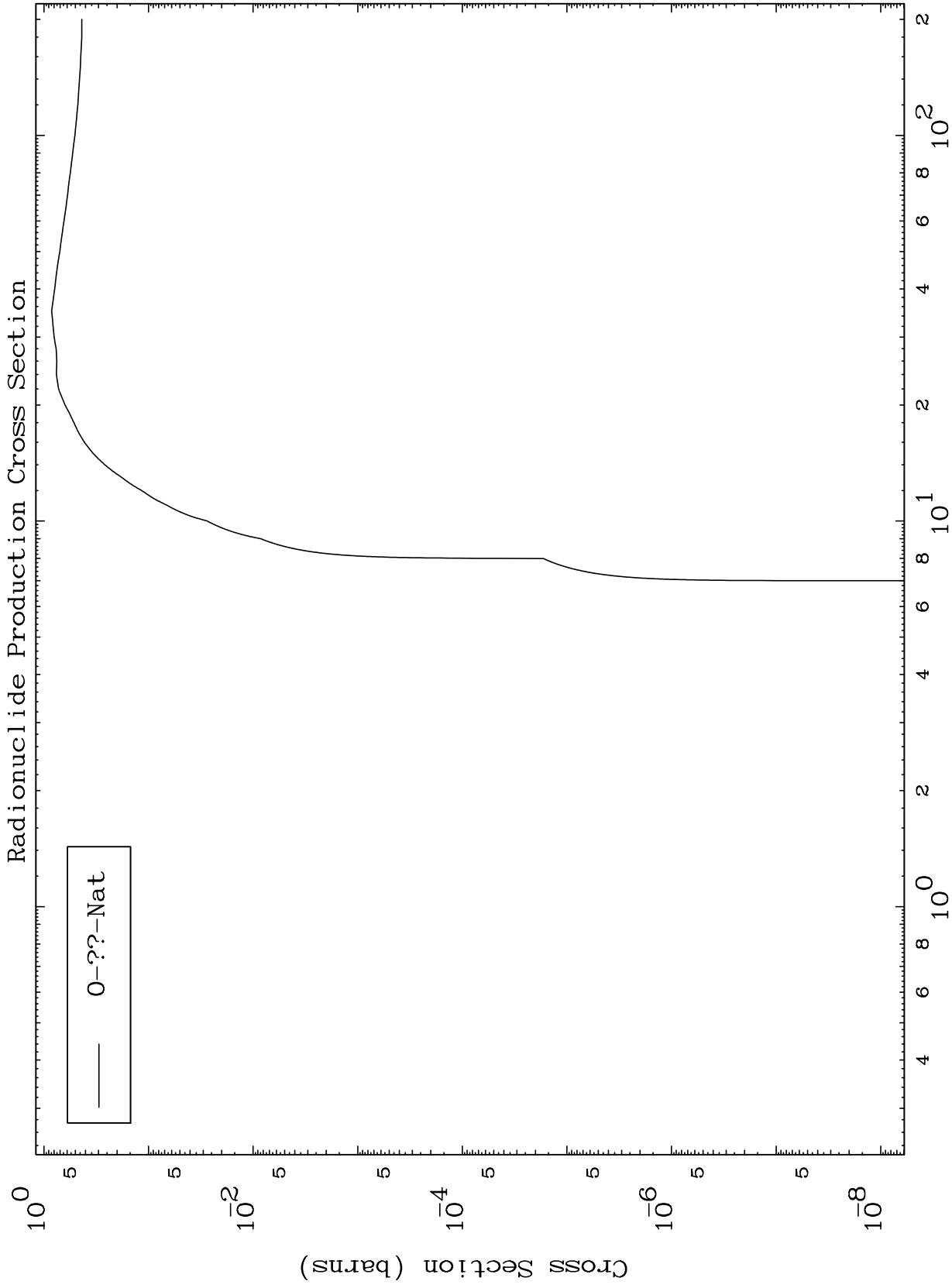
Incident Energy (MeV)

82-Pb-194

MAT 8195

Fission

82-Pb-194



15

Incident Energy (MeV)

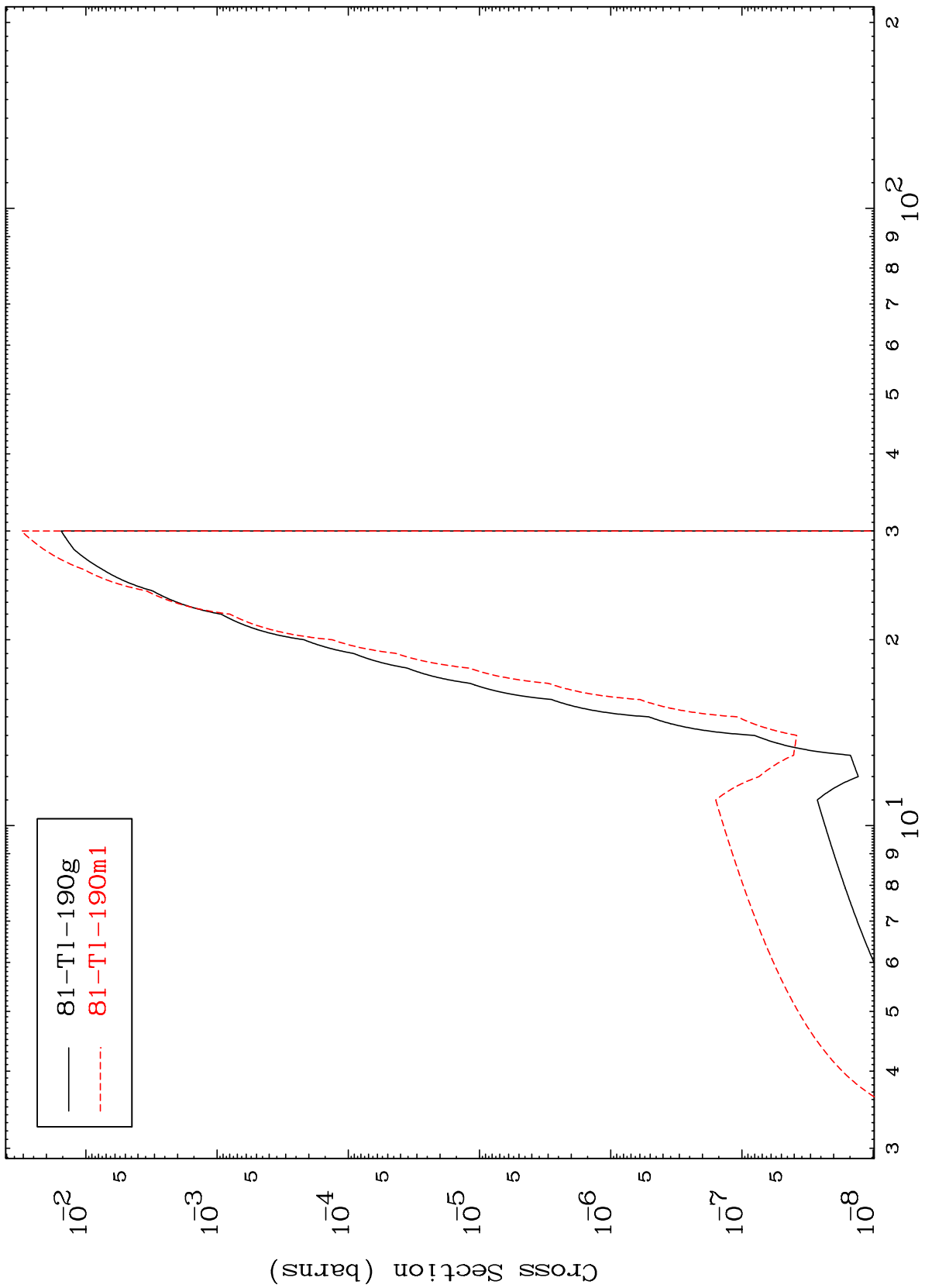
82-Pb-194

MAT 8195

82-Pb-194

(n,n') α

Radionuclide Production Cross Section



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

82-Pb-194

Incident Energy (MeV)

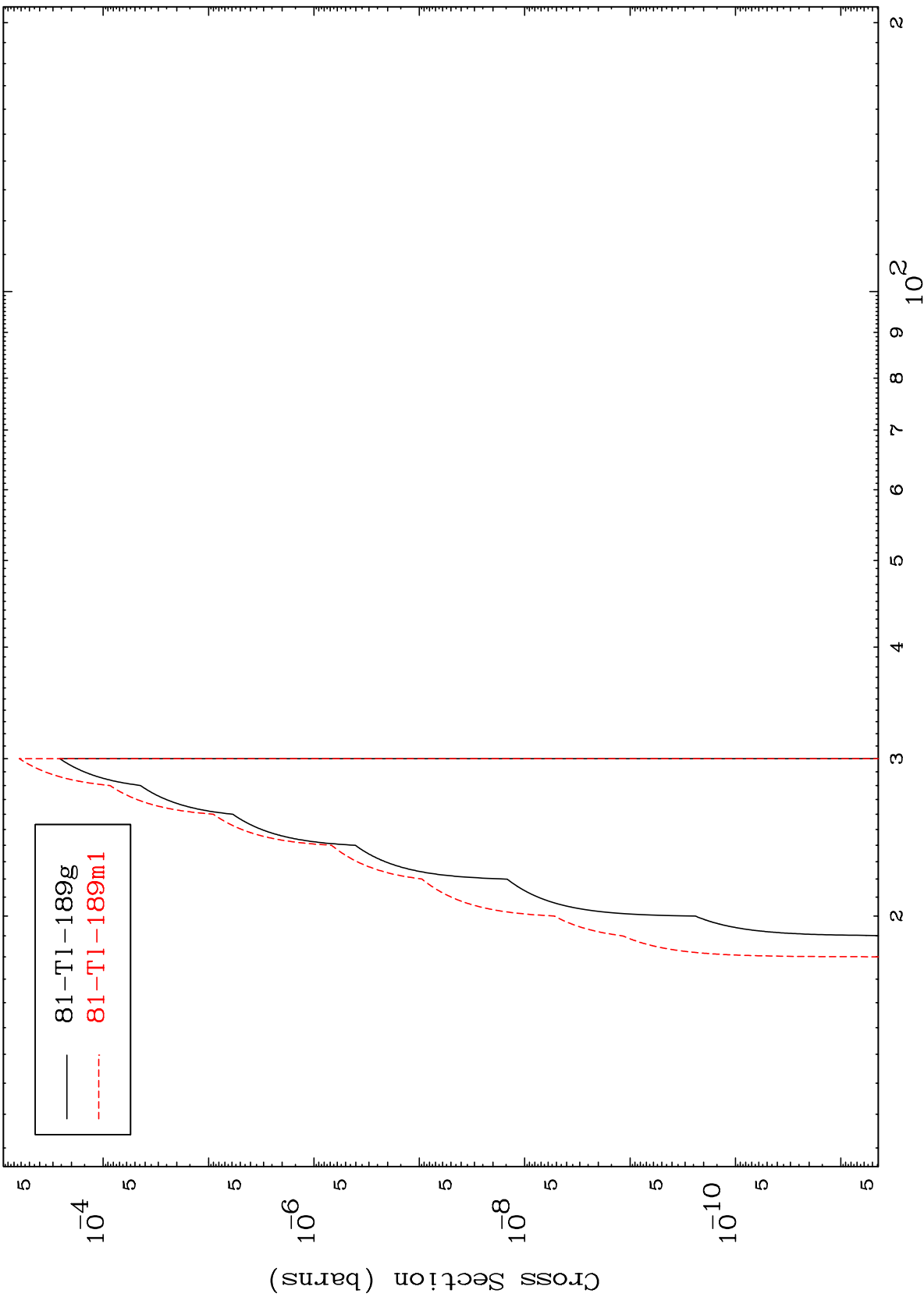
16

MAT 8195

(n,2n) α

82-Pb-194

Radionuclide Production Cross Section

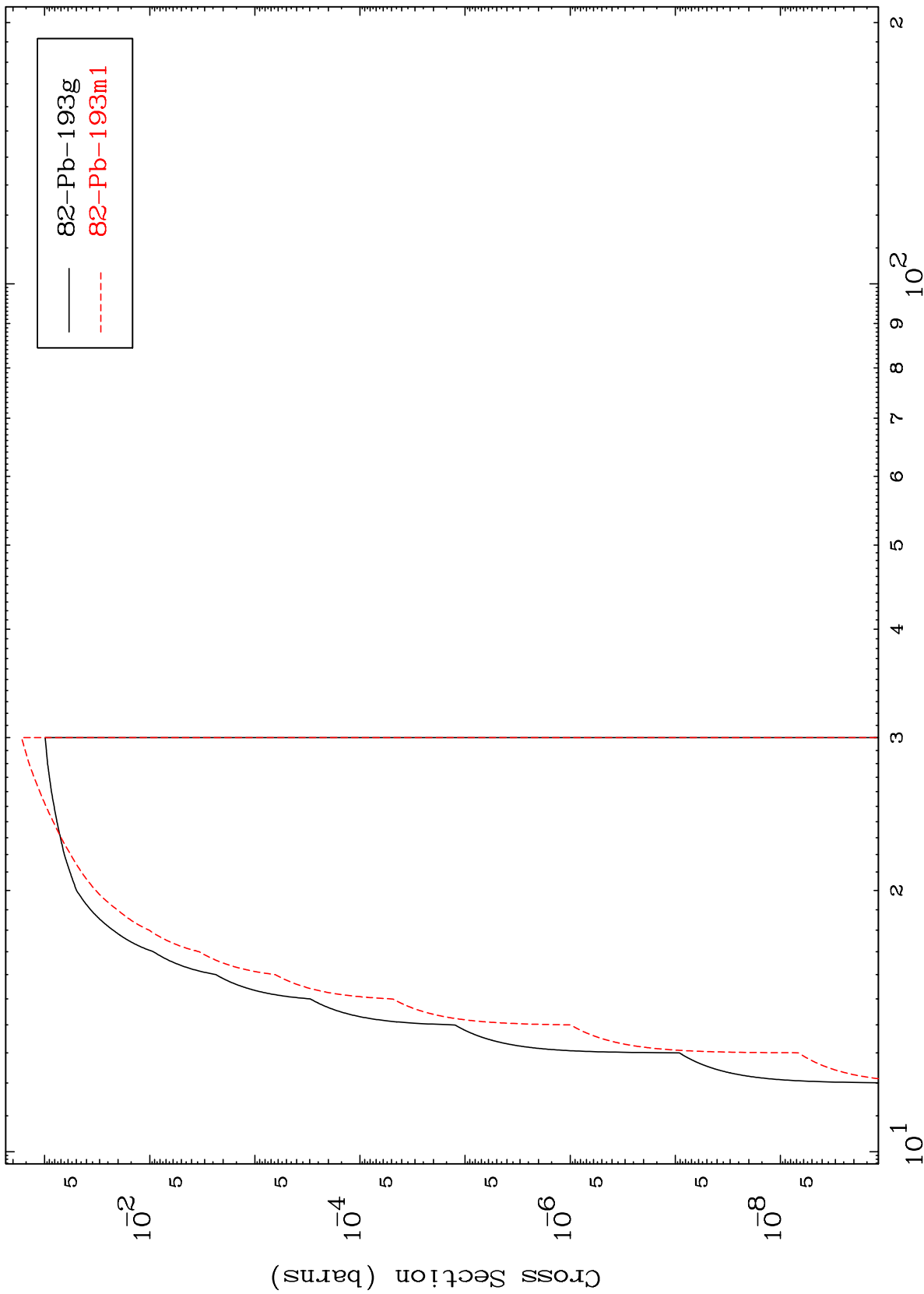


MAT 8195

(n,n') p

82-Pb-194

Radionuclide Production Cross Section



Incident Energy (MeV)

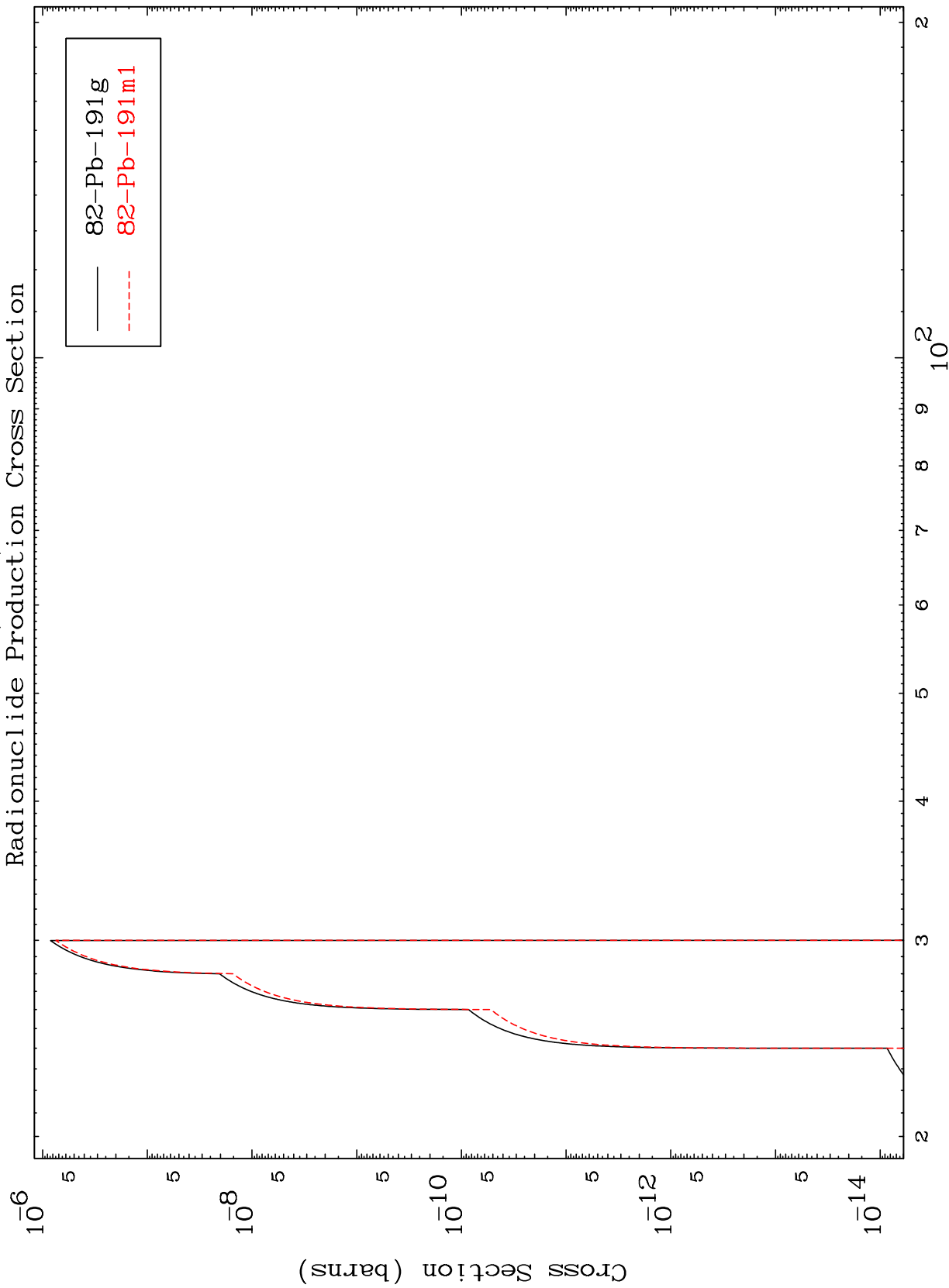
82-Pb-194

MAT 8195

(n,n') t

82-Pb-194

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

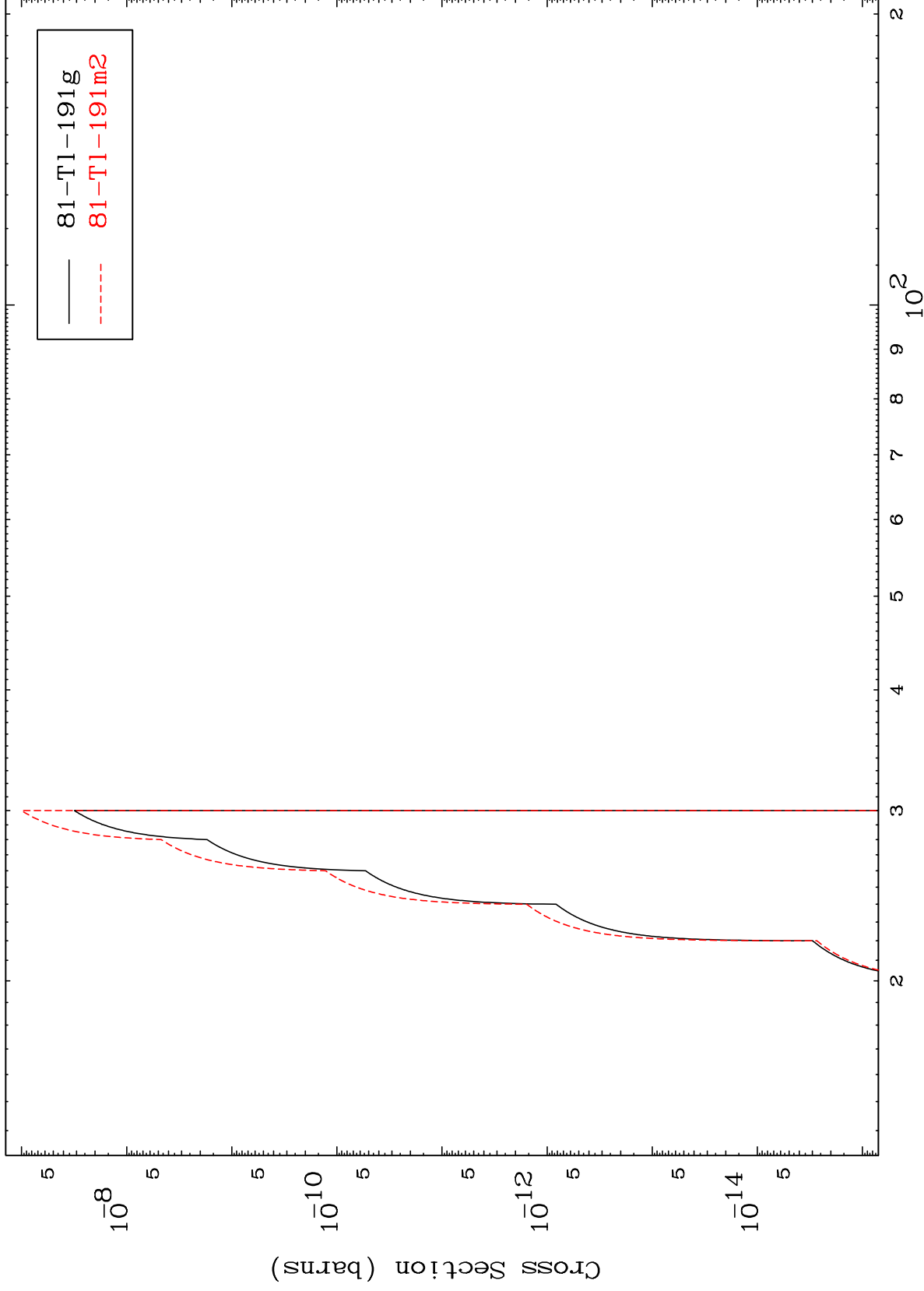
82-Pb-194

MAT 8195

(n,n') He-3

82-Pb-194

Radionuclide Production Cross Section

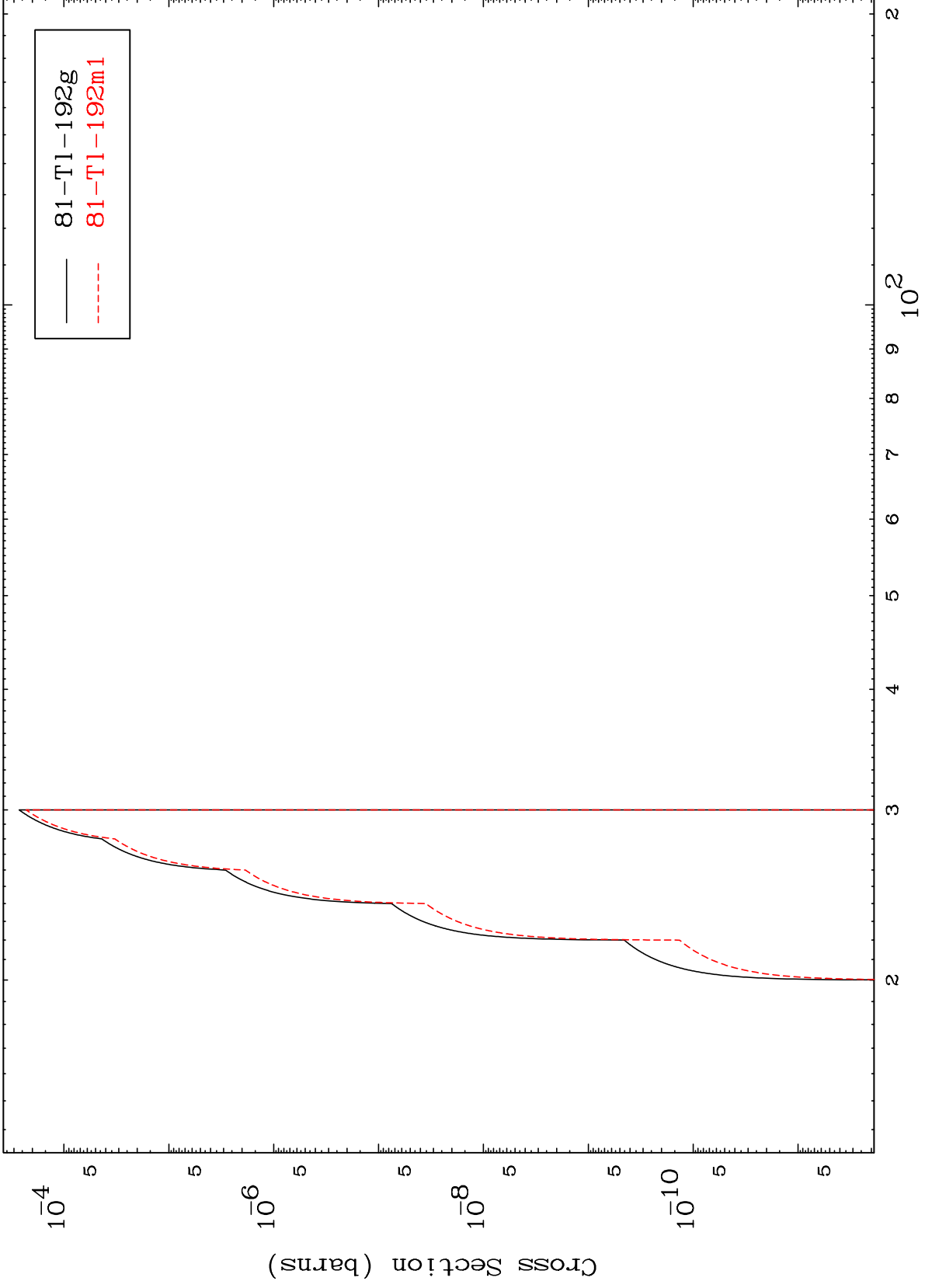


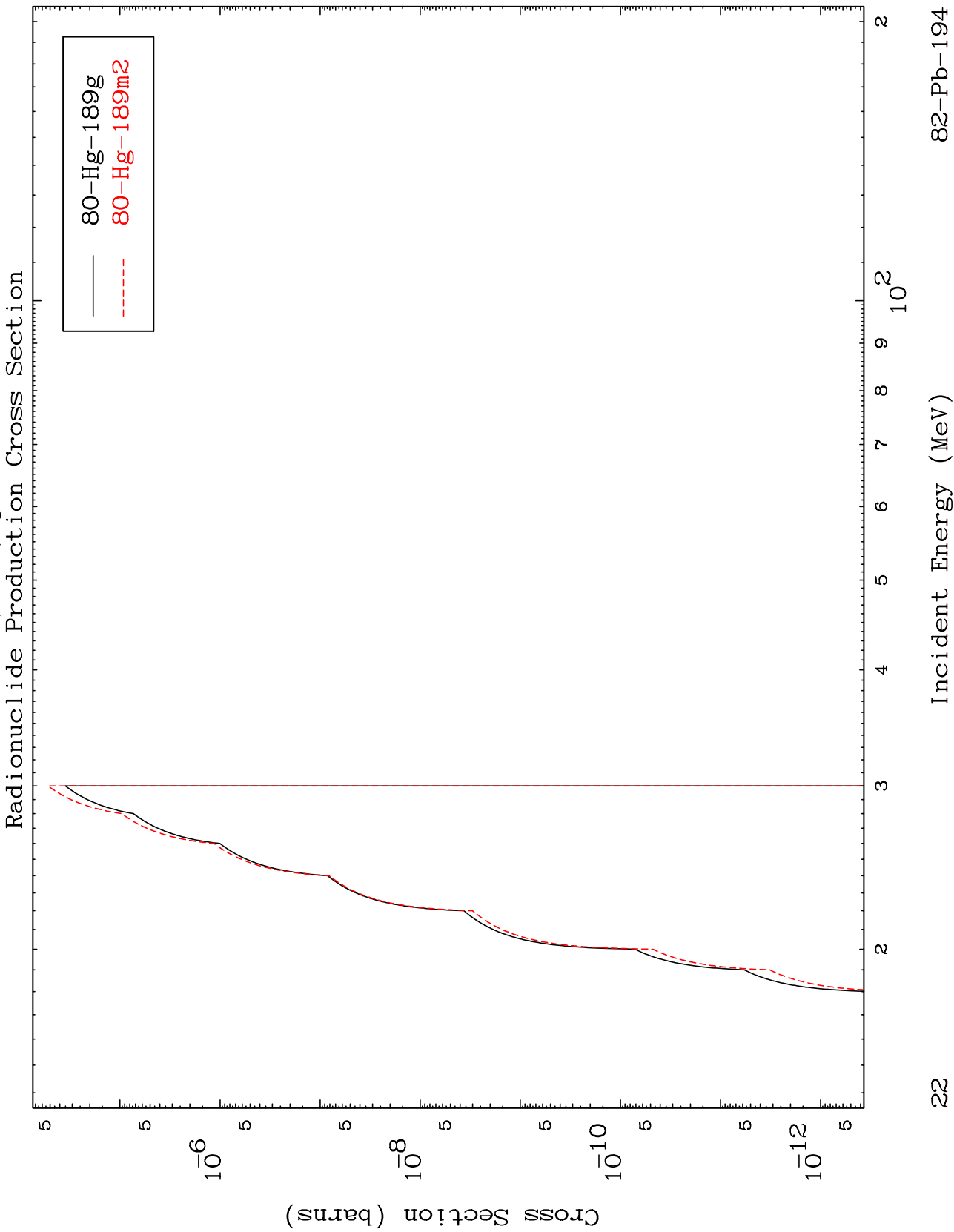
20

Incident Energy (MeV)

82-Pb-194

Radionuclide Production Cross Section

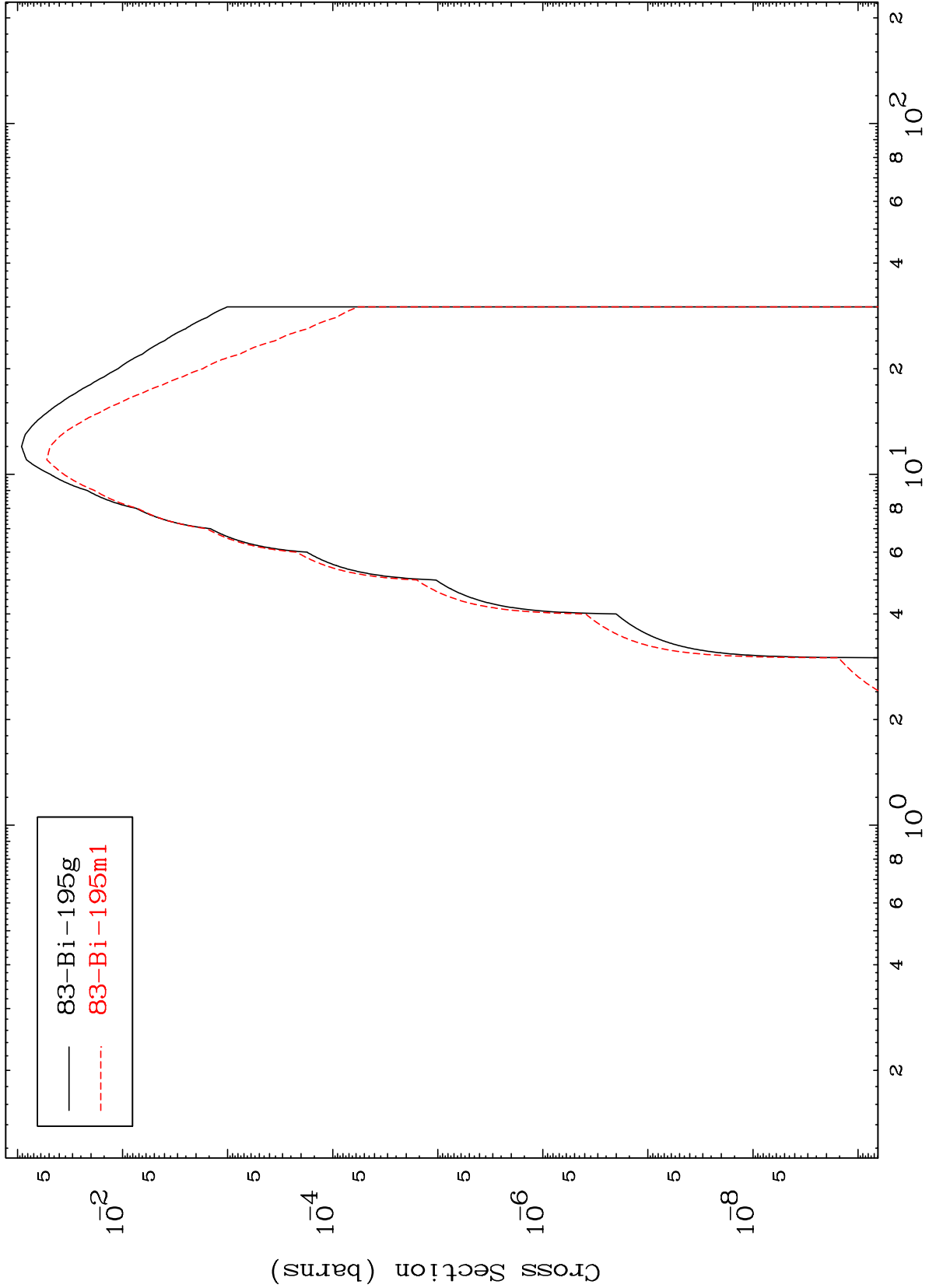




MAT 8195

82-Pb-194

(n, γ)
Radionuclide Production Cross Section



82-Pb-194

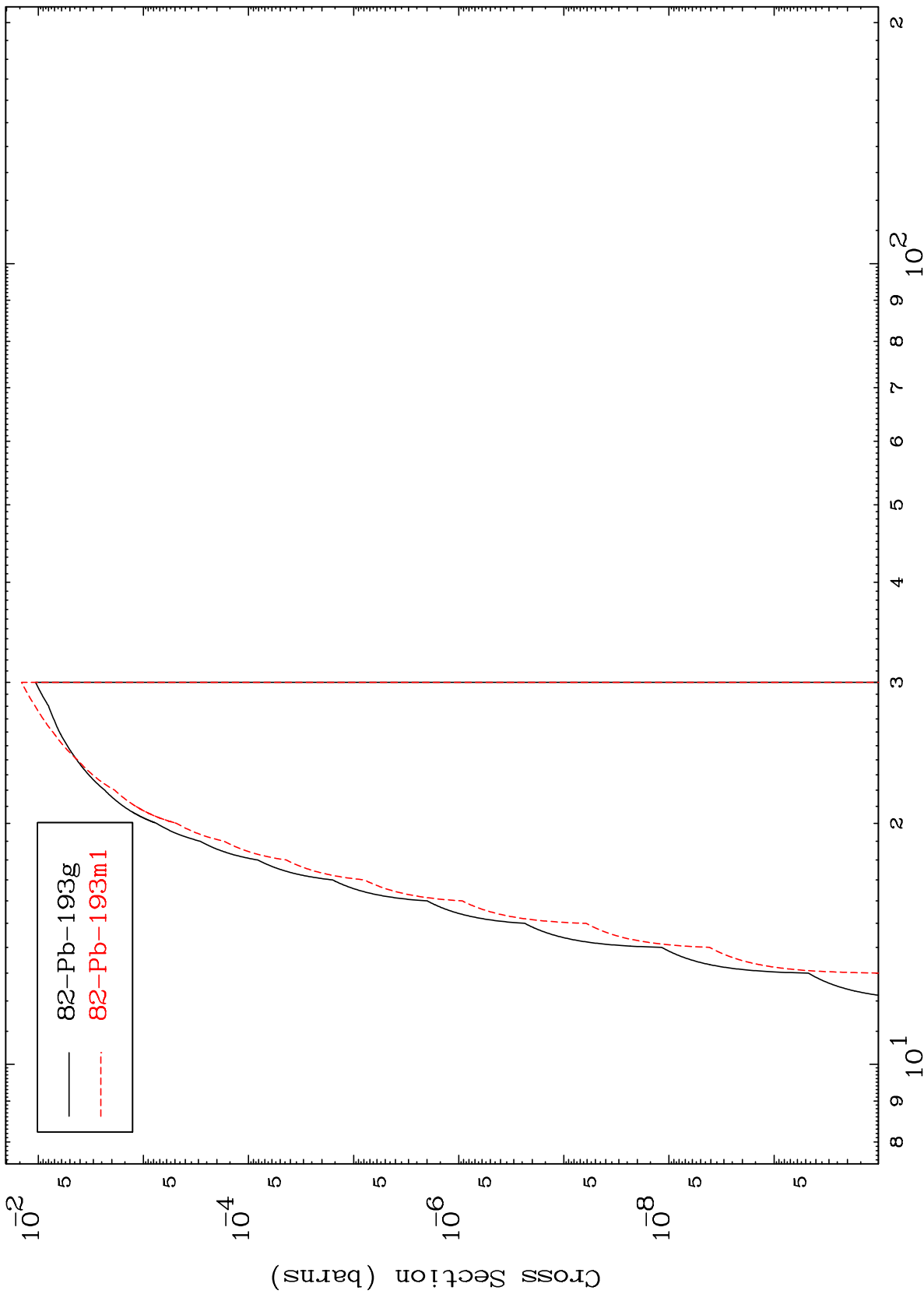
Incident Energy (MeV)

23

MAT 8195

82-Pb-194

(n,d)
Radionuclide Production Cross Section



24

82-Pb-194

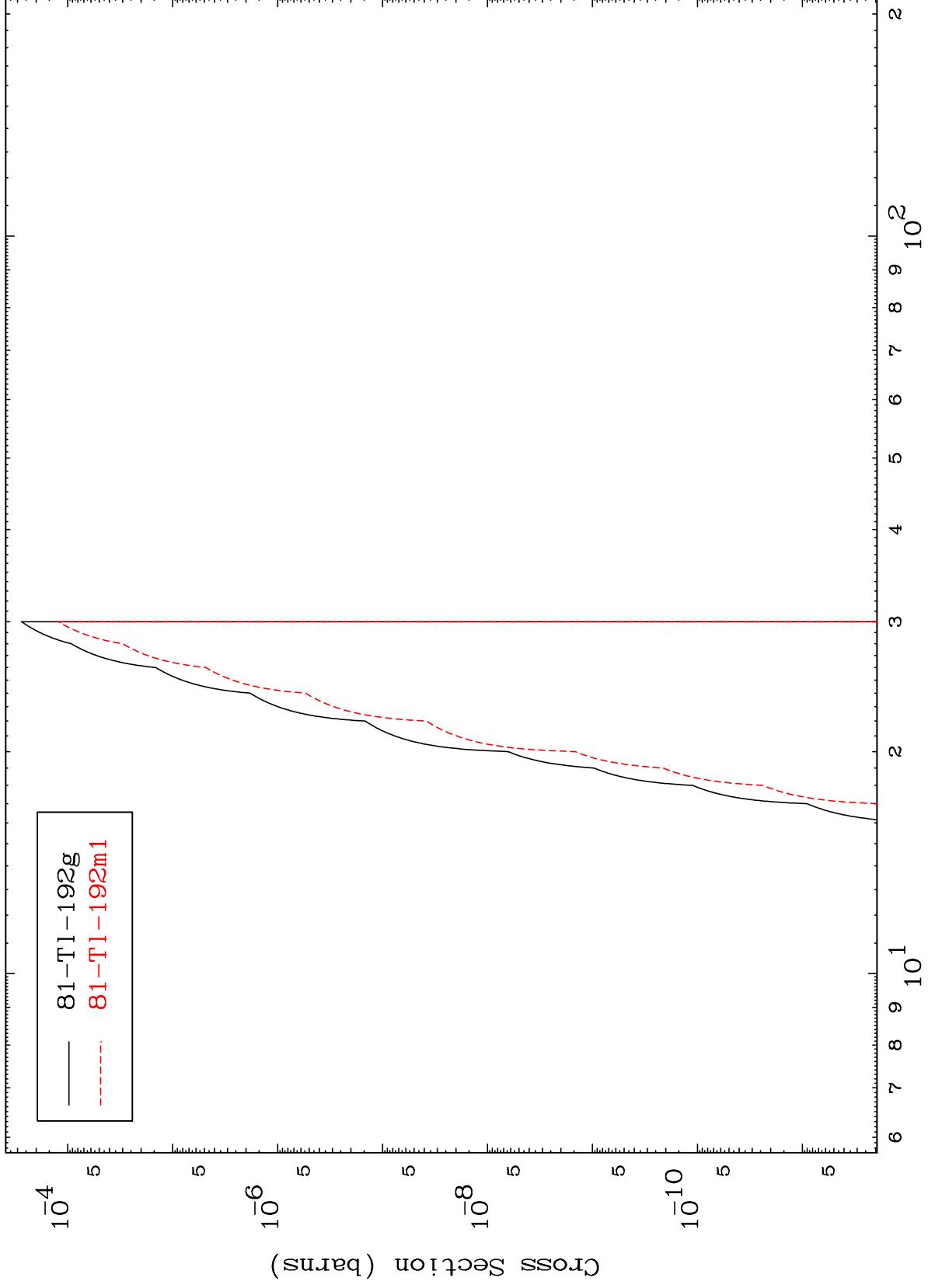
Incident Energy (MeV)

MAT 8195

(n,He-3)

82-Pb-194

Radionuclide Production Cross Section



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

25

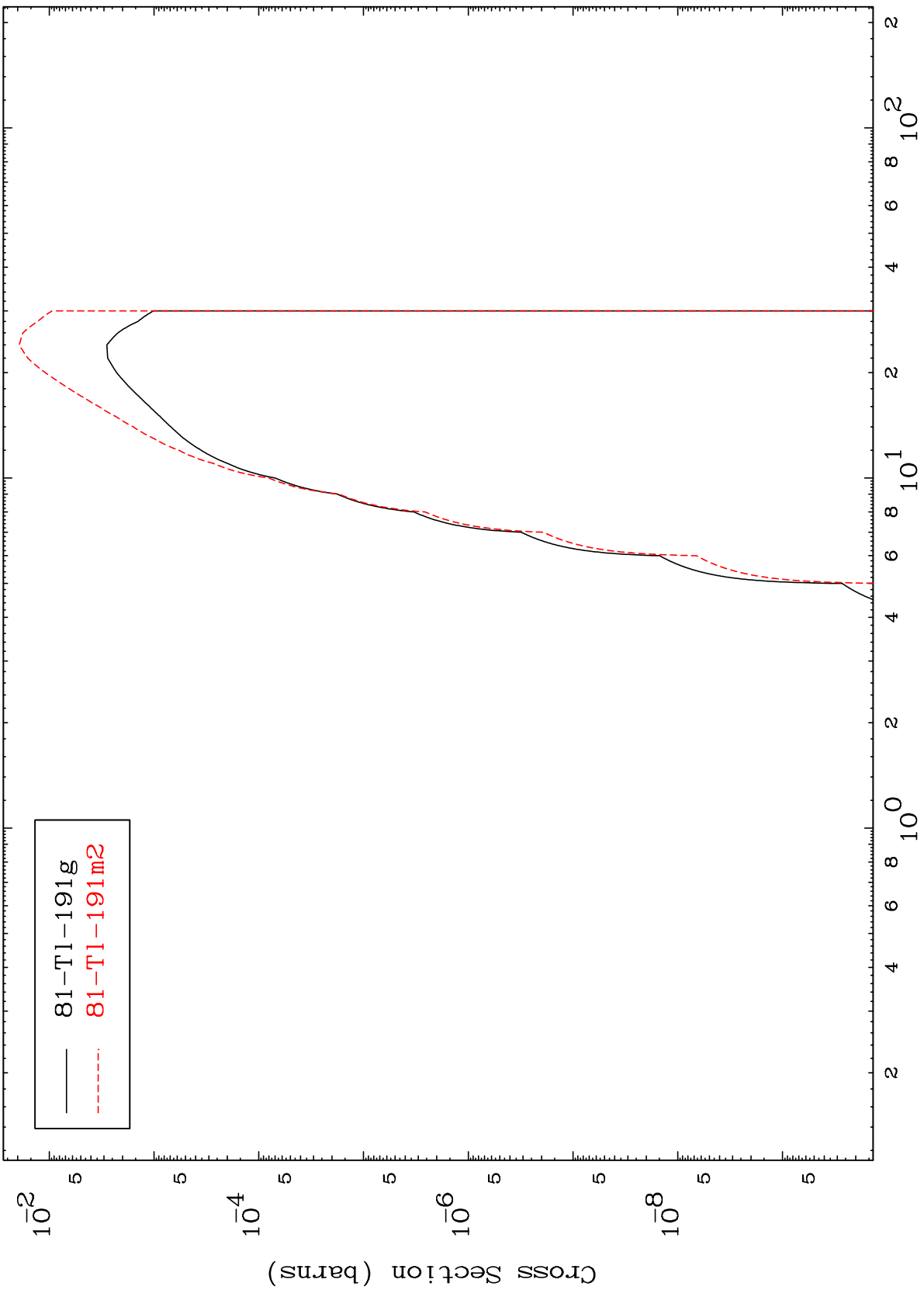
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

Radionuclide Production Cross Section
(n, α)



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

82-Pb-194

Incident Energy (MeV)

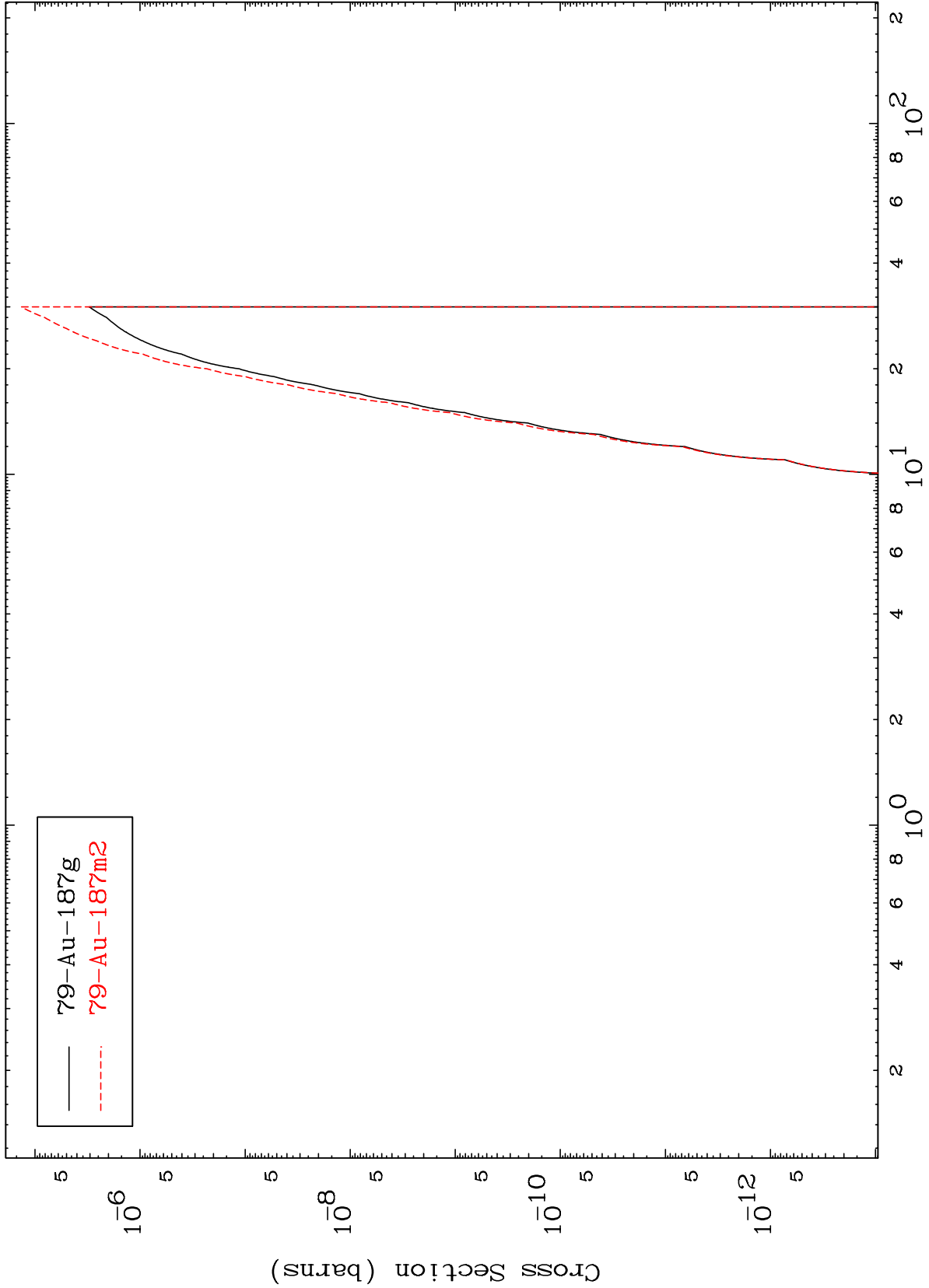
26

MAT 8195

(n,2α)

82-Pb-194

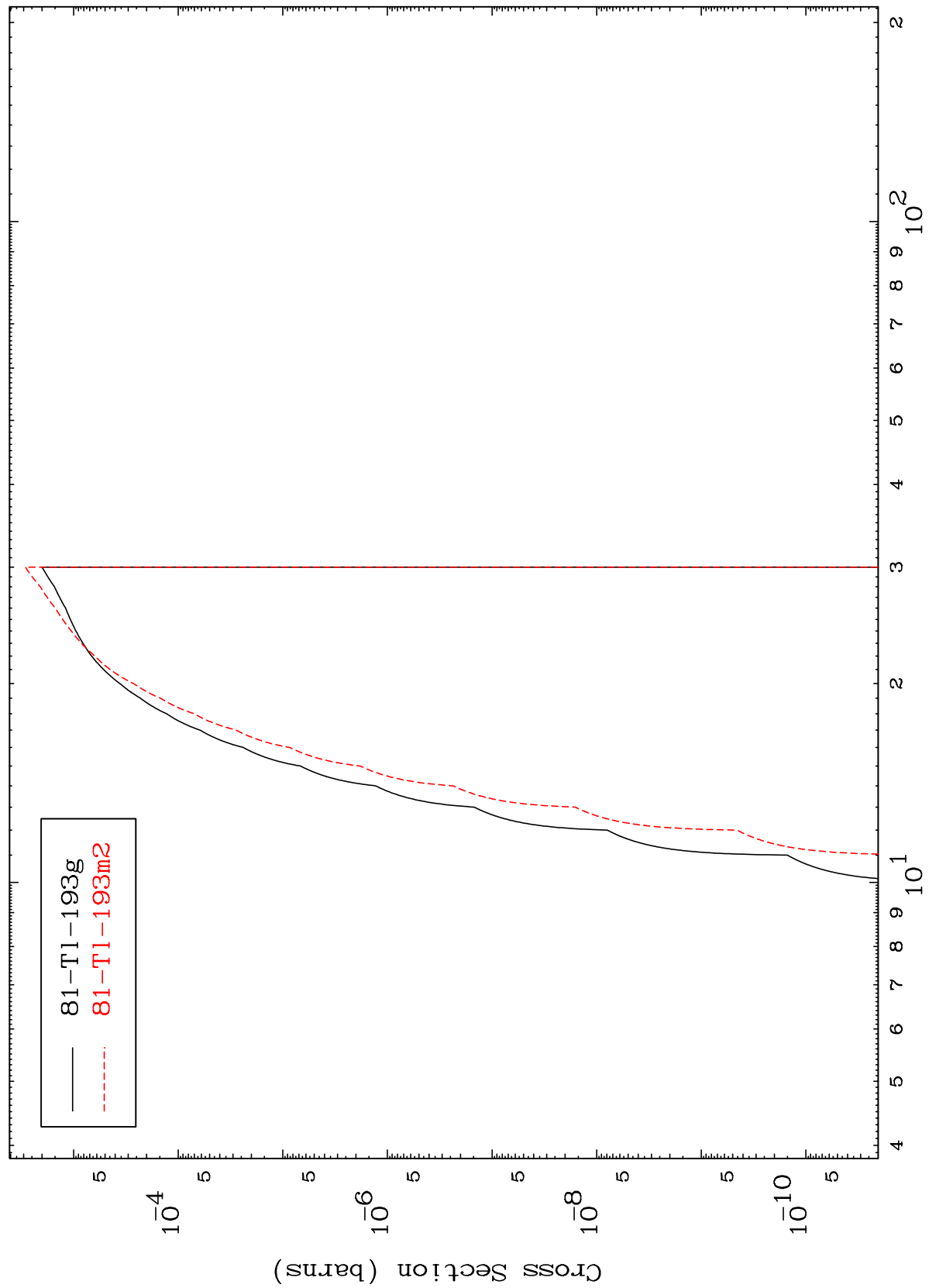
Radionuclide Production Cross Section



MAT 8195

82-Pb-194

Radionuclide Production Cross Section
(n,2p)



28

Incident Energy (MeV)

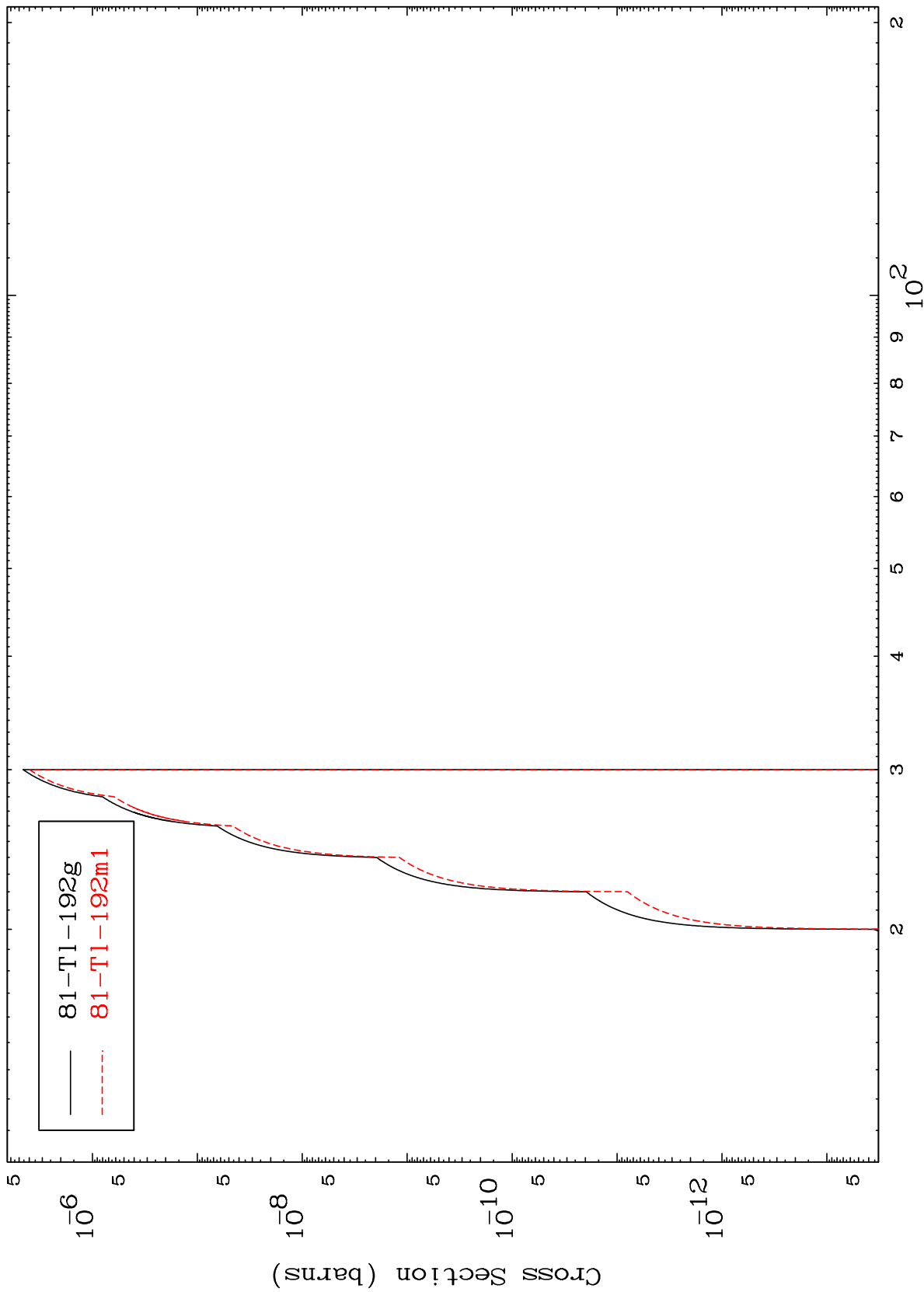
82-Pb-194

MAT 8195

(n,p) d

82-Pb-194

Radionuclide Production Cross Section

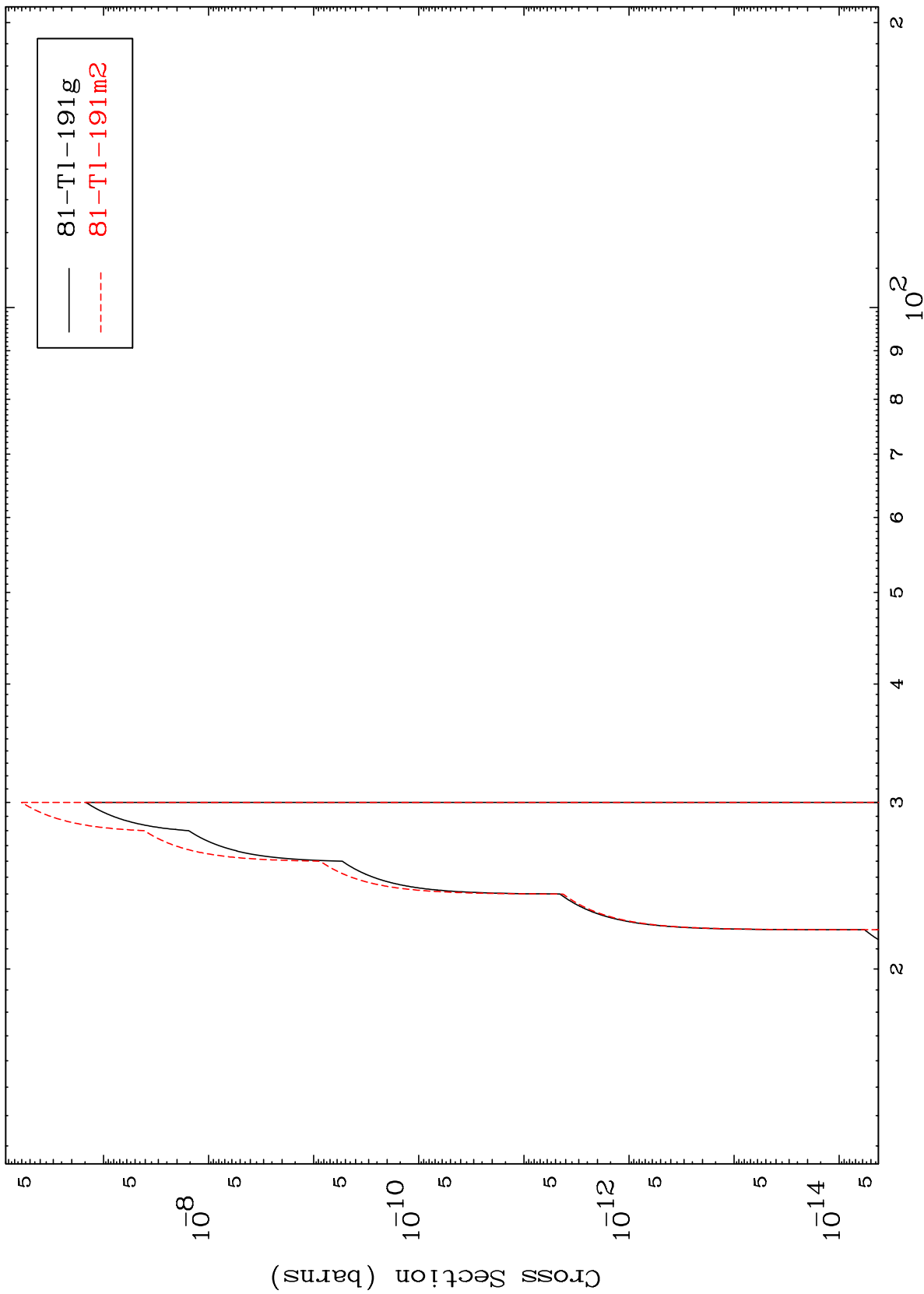


MAT 8195

(n,p) t

82-Pb-194

Radionuclide Production Cross Section



30

Incident Energy (MeV)

82-Pb-194

MAT 8195

(n,d) α

82-Pb-194

Radionuclide Production Cross Section

