

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

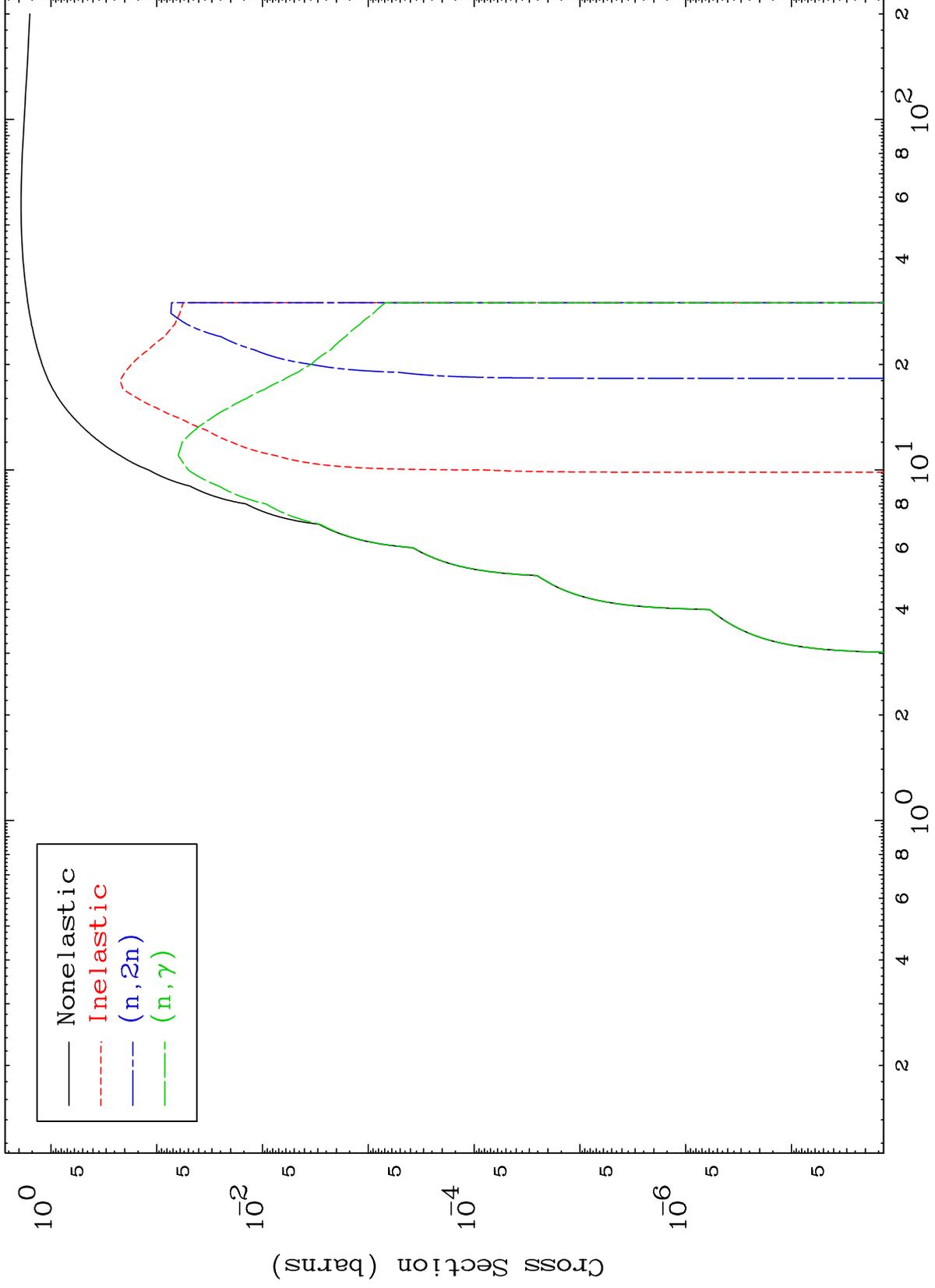
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8189

Proton Major
0 Kelvin Cross Sections

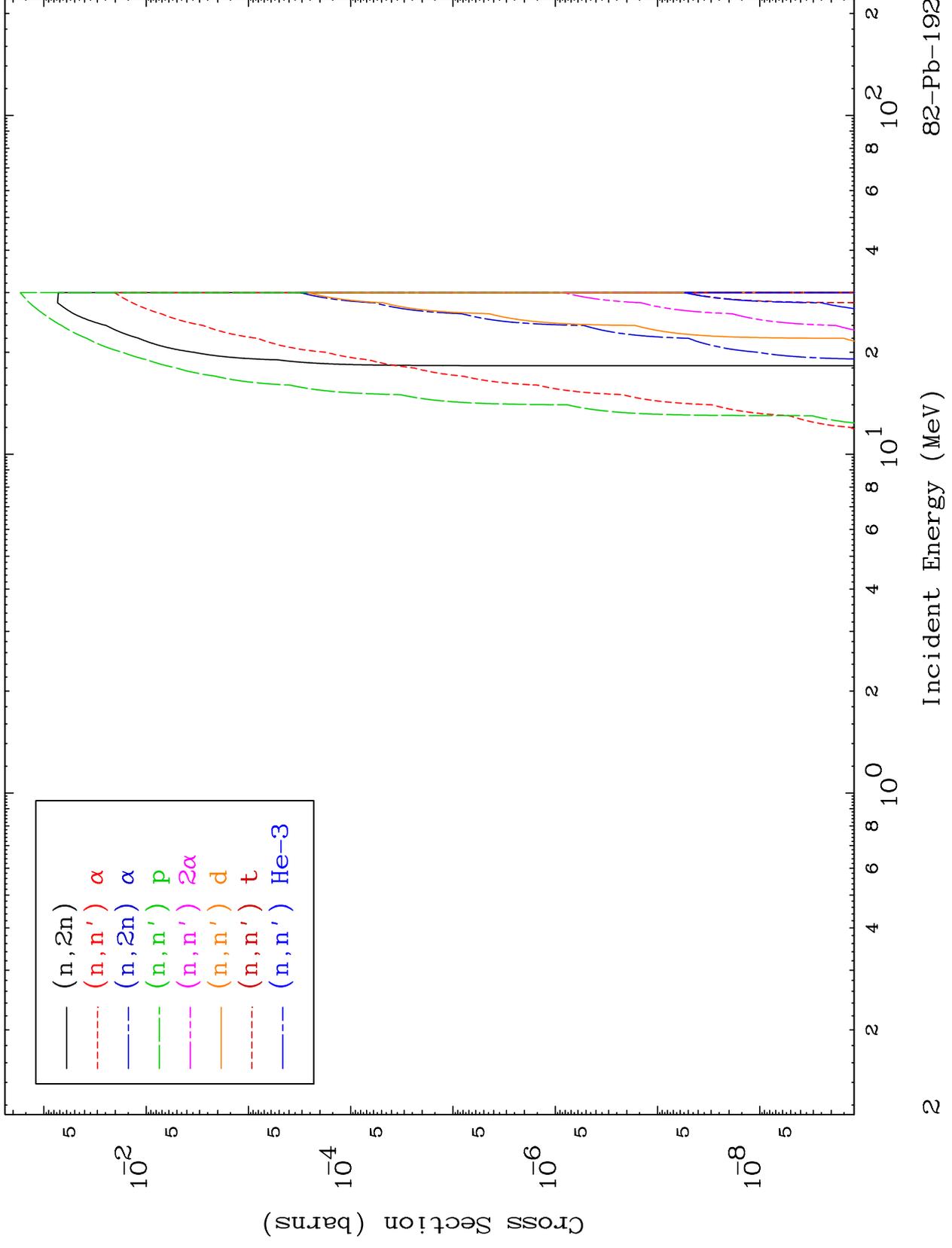
82-Pb-192

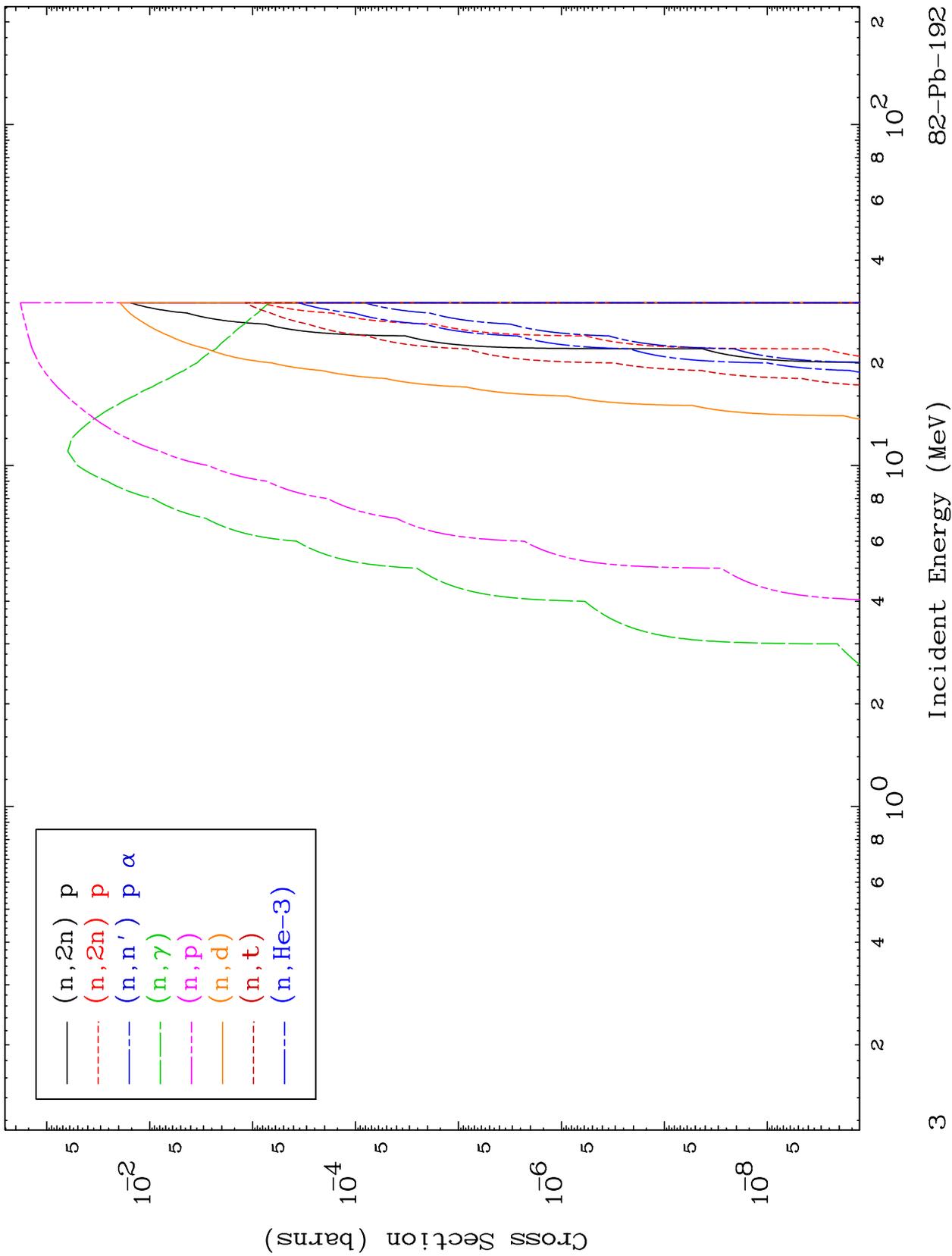


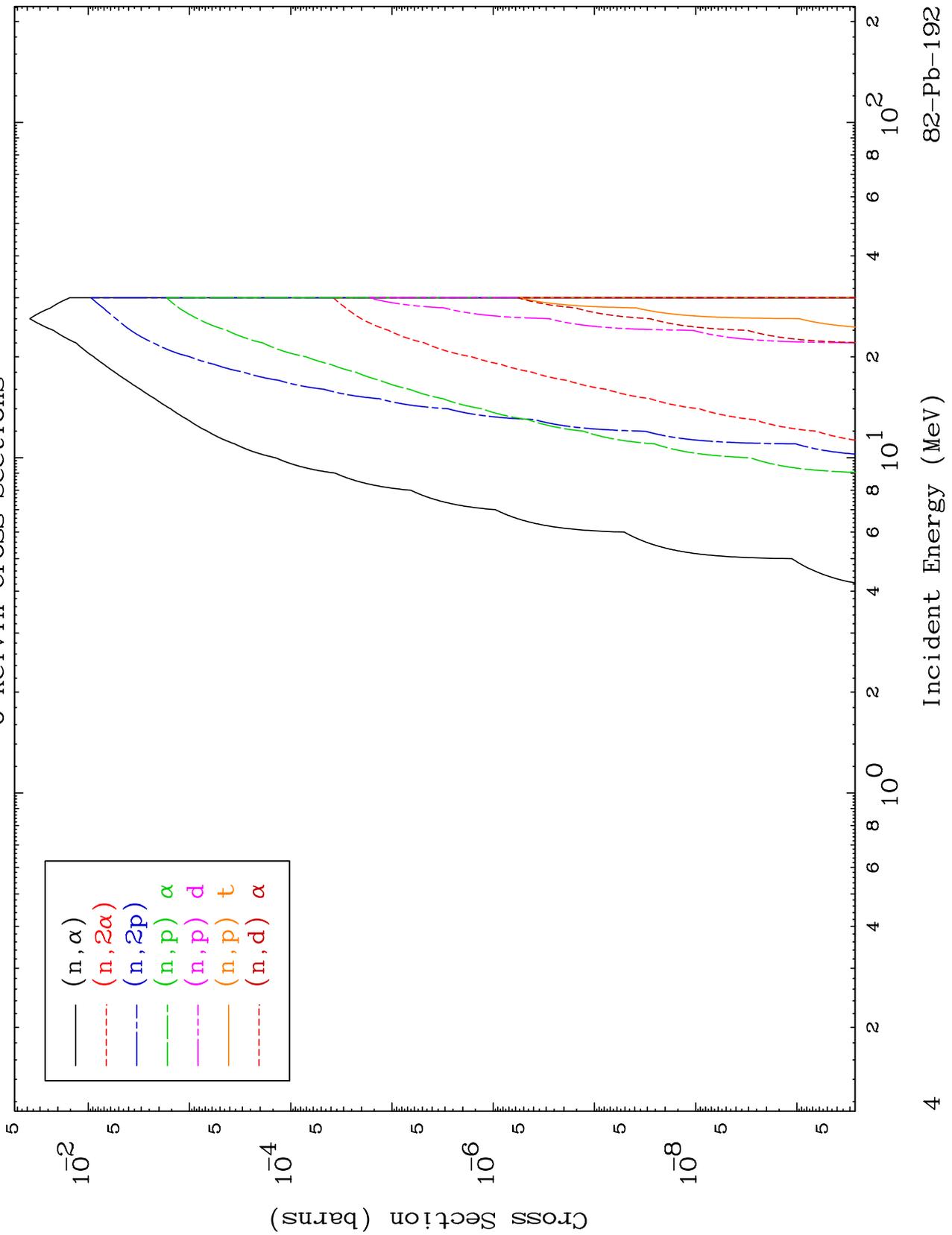
MAT 8189

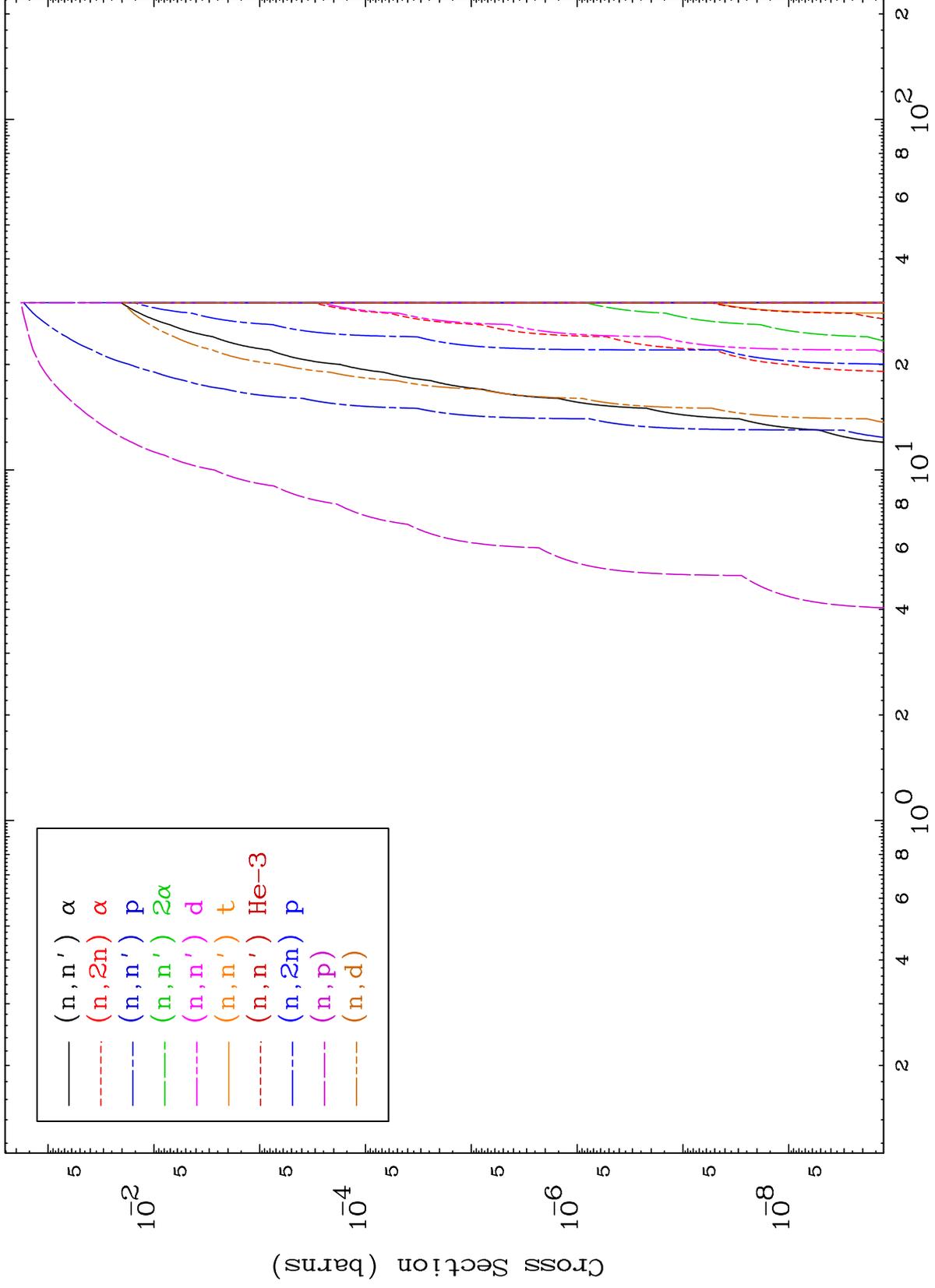
Proton Neutron Absorption
0 Kelvin Cross Sections

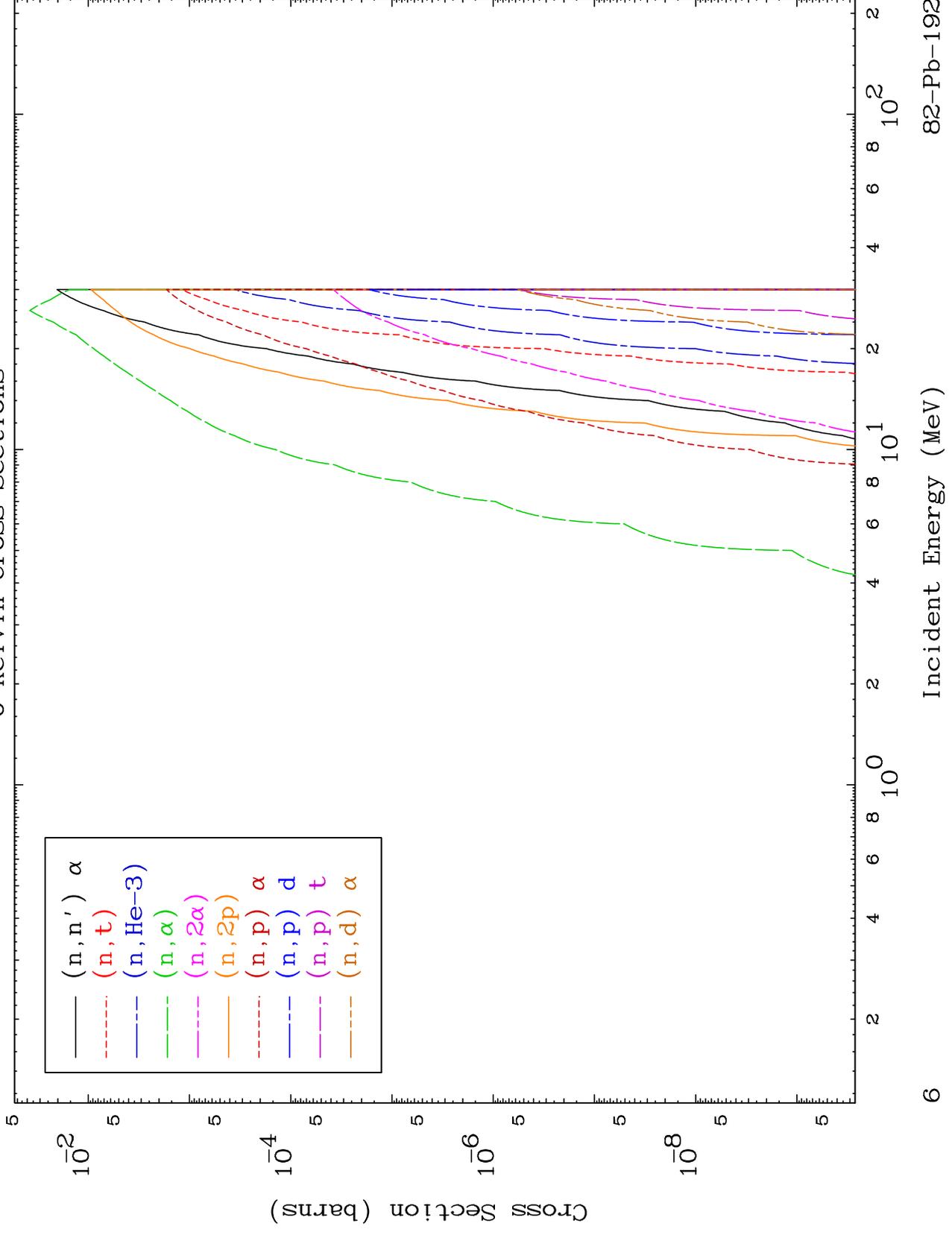
82-Pb-192









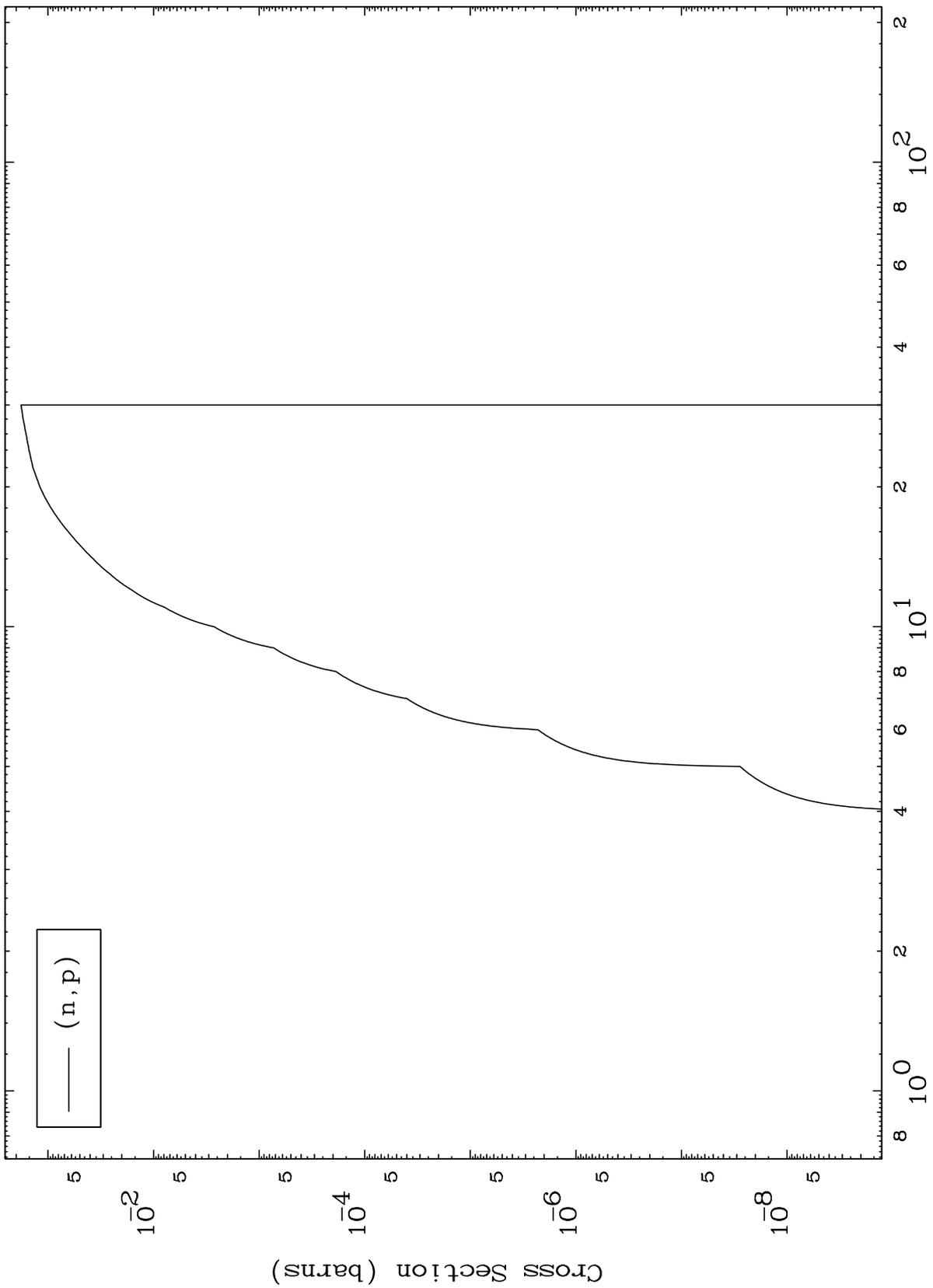


MAT 8189

(p,p) Levels

82-Pb-192

0 Kelvin Cross Sections



7

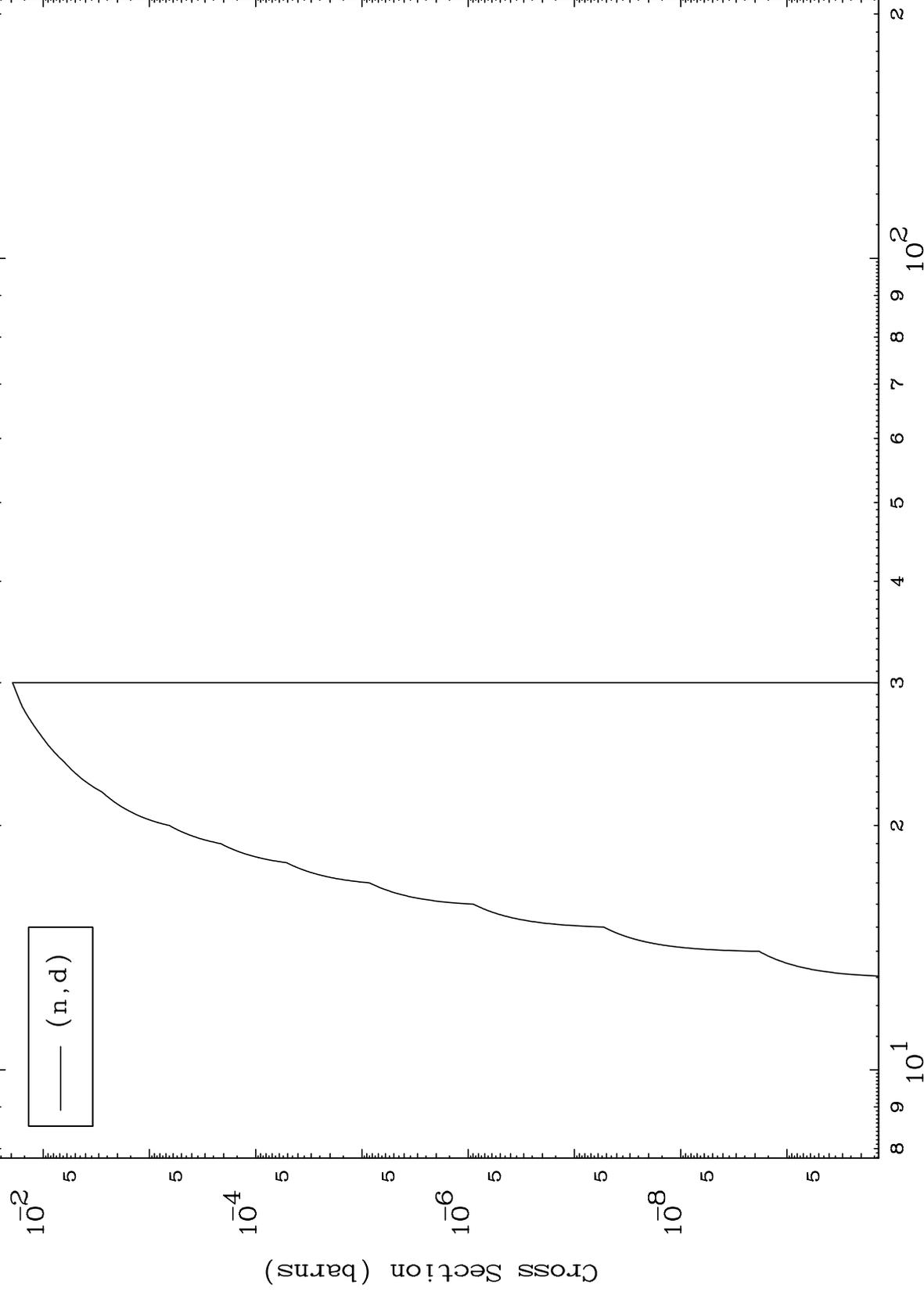
Incident Energy (MeV)

82-Pb-192

MAT 8189

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-192



8

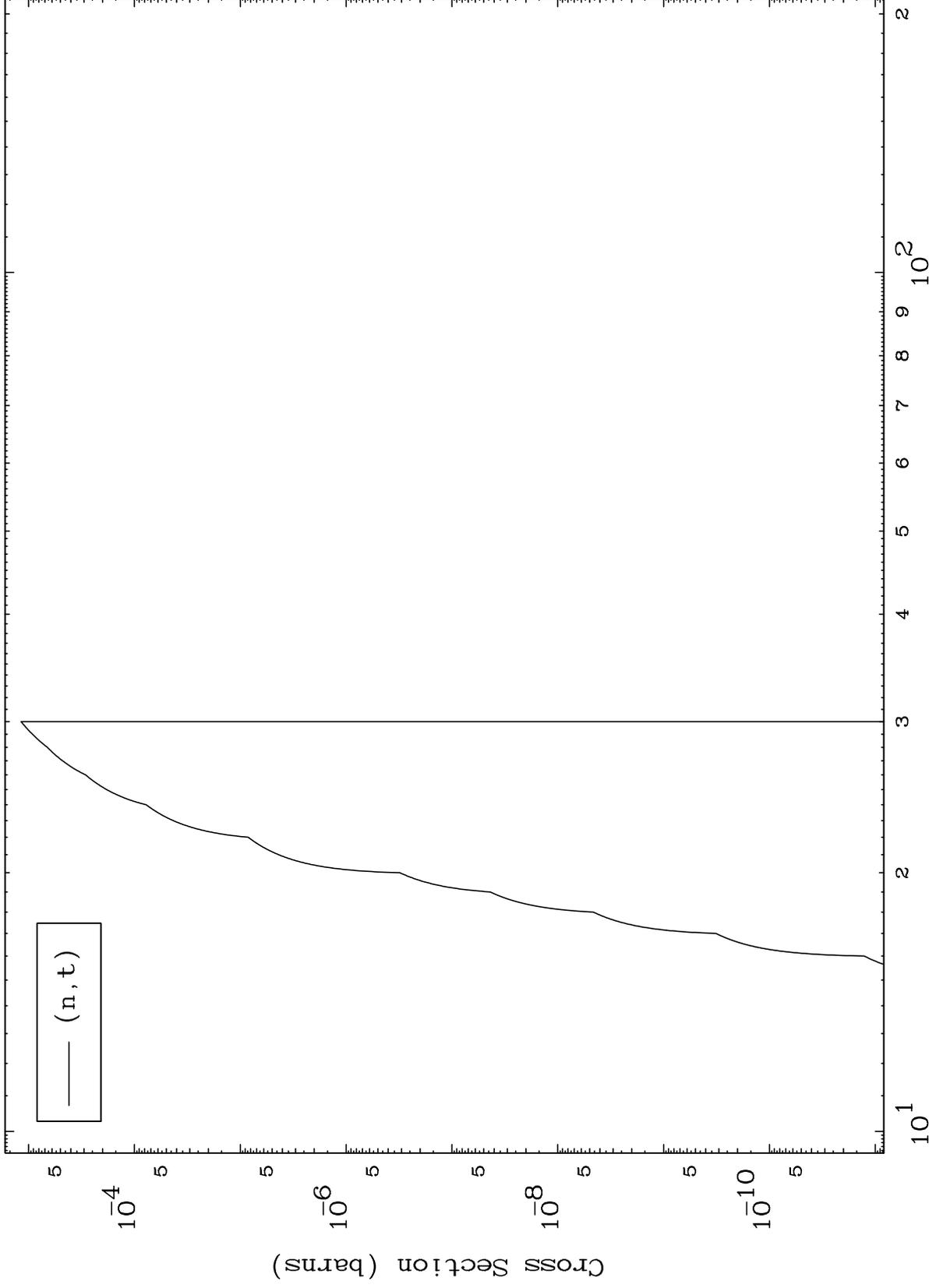
Incident Energy (MeV)

82-Pb-192

MAT 8189

(p,t) Levels
0 Kelvin Cross Sections

82-Pb-192



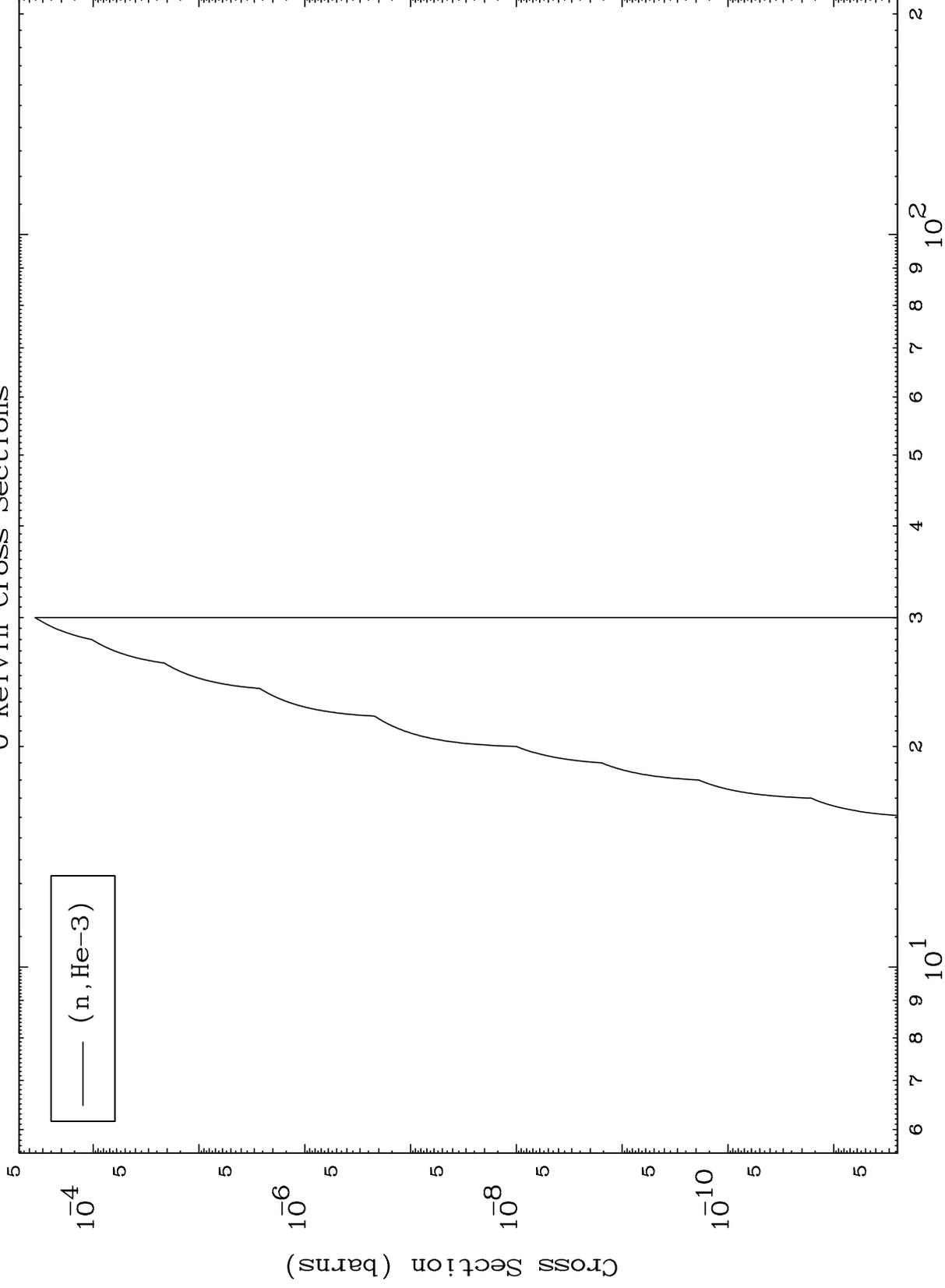
Incident Energy (MeV)

82-Pb-192

MAT 8189

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-192



10

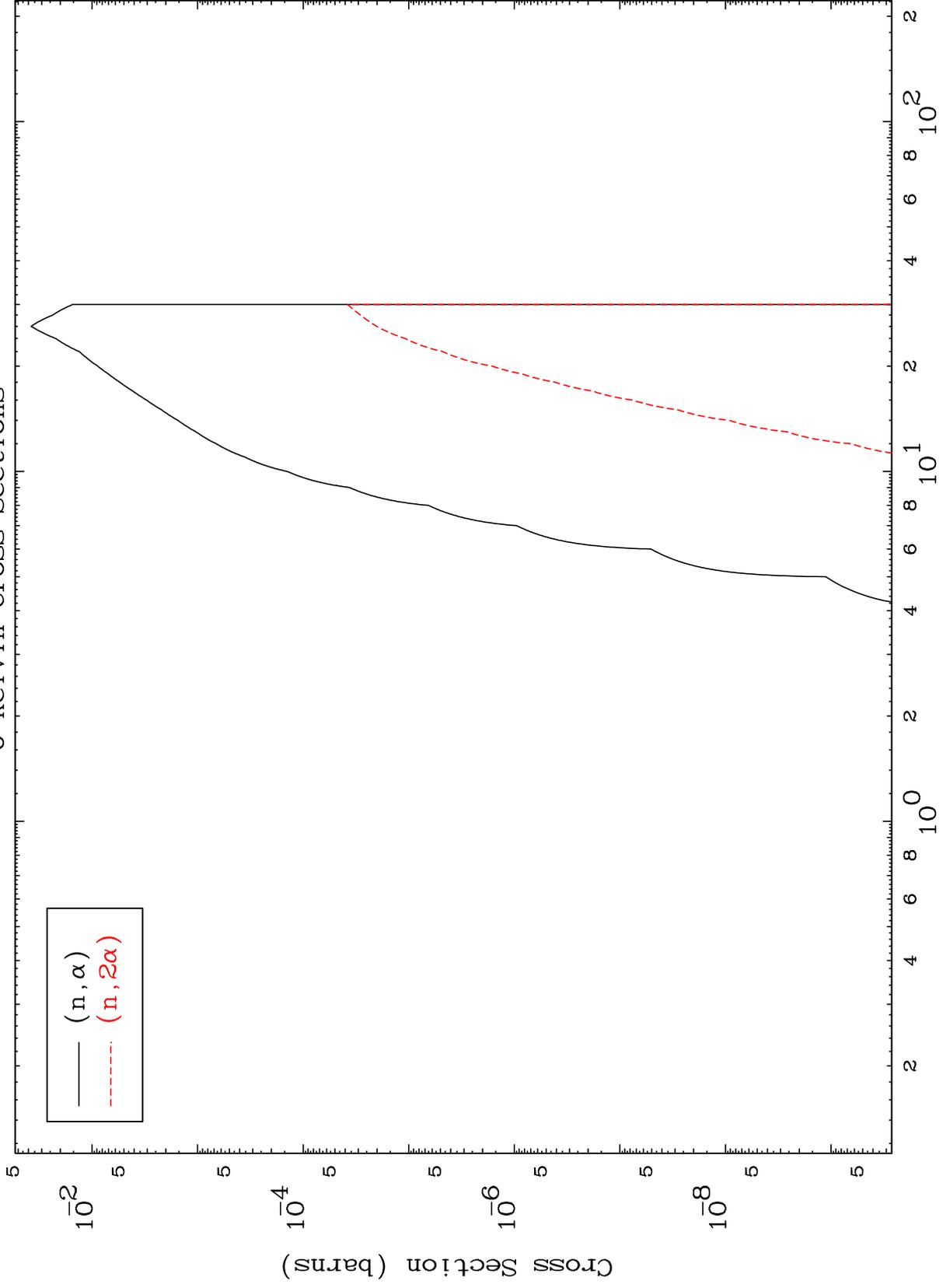
Incident Energy (MeV)

82-Pb-192

MAT 8189

(p, α) Levels
0 Kelvin Cross Sections

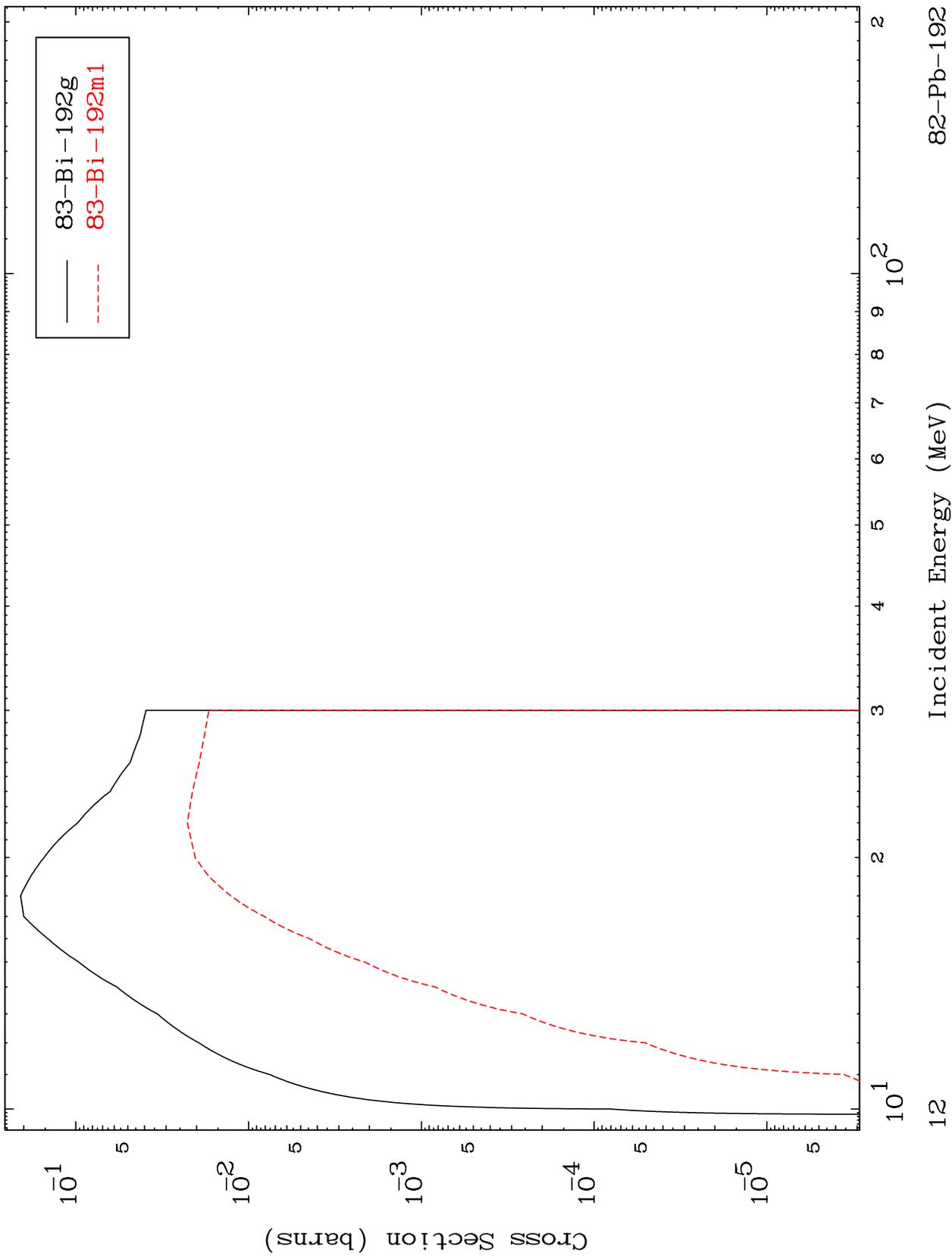
82-Pb-192



MAT 8189

82-Pb-192

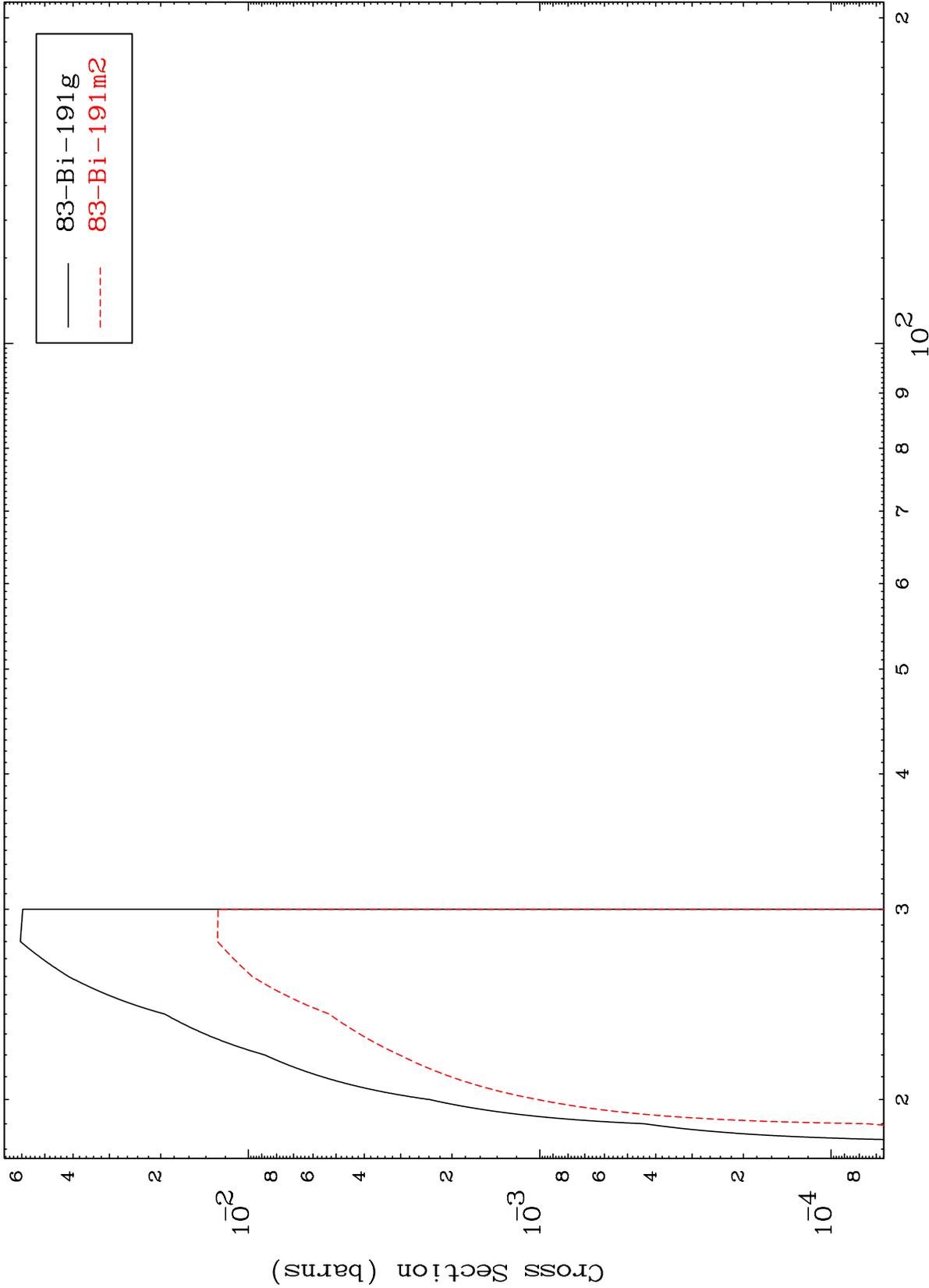
Inelastic
Radionuclide Production Cross Section



82-Pb-192

Incident Energy (MeV)

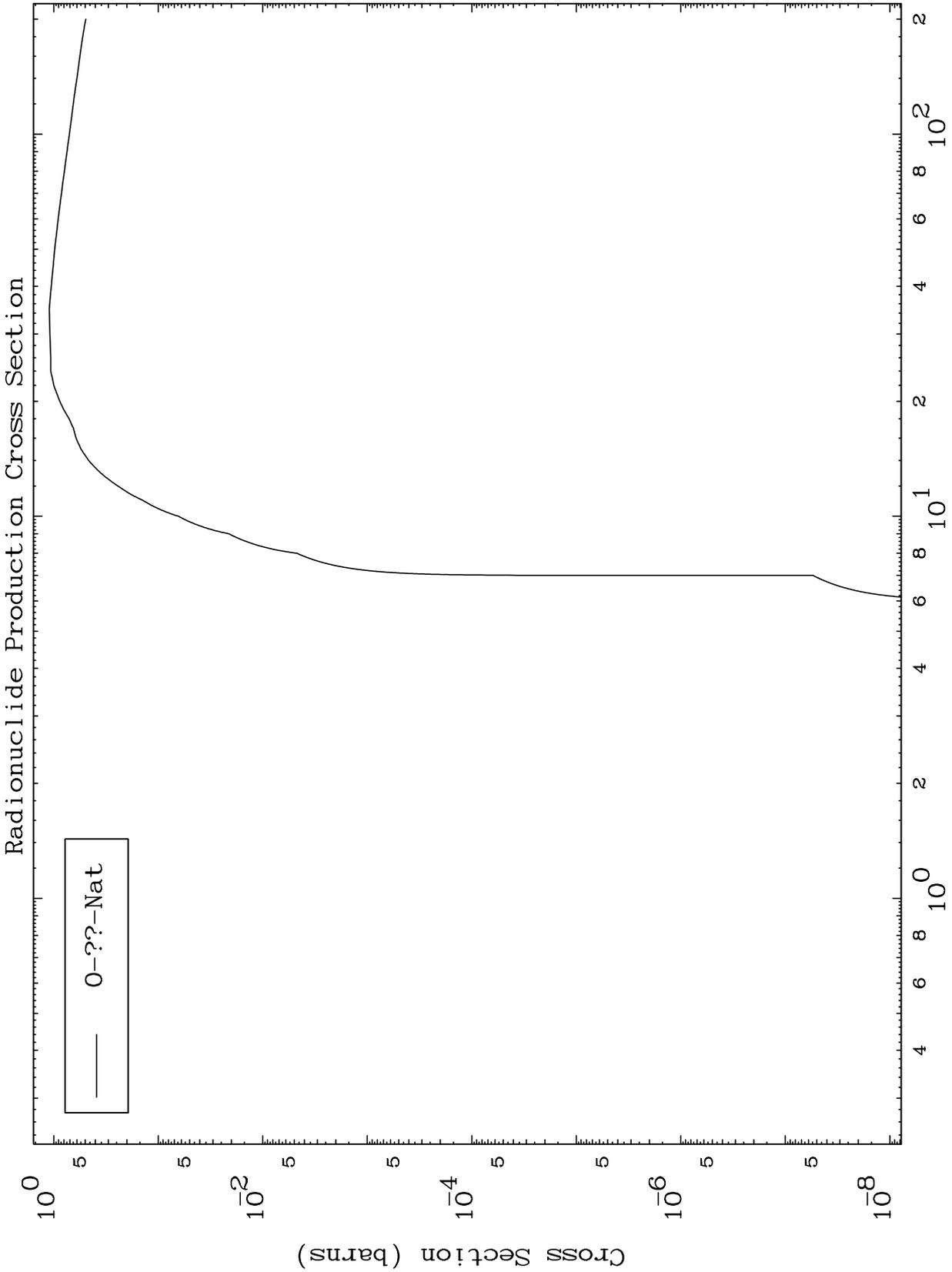
Radionuclide Production Cross Section



MAT 8189

Fission

82-Pb-192

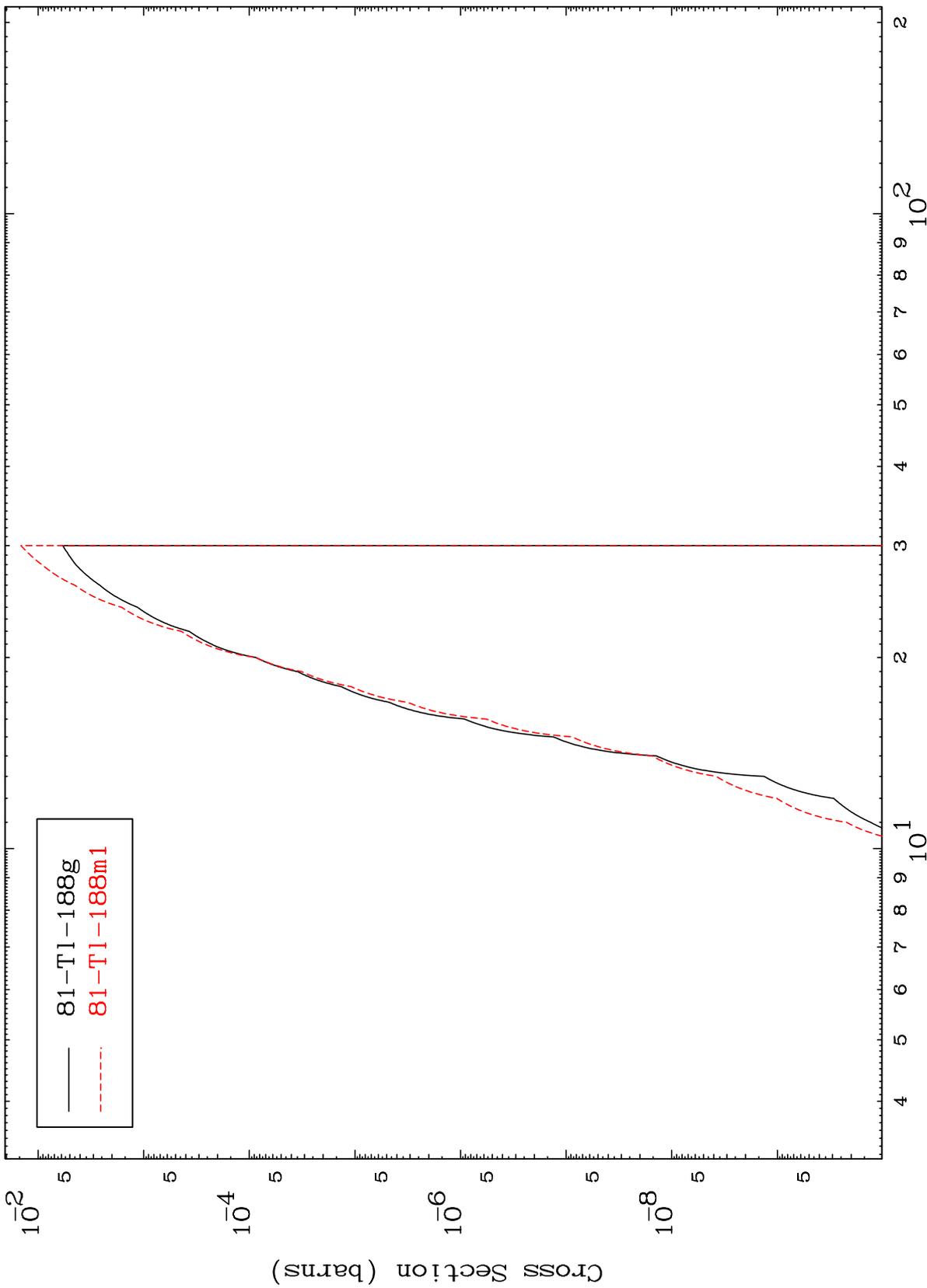


MAT 8189

(n,n') α

82-Pb-192

Radionuclide Production Cross Section



15

Incident Energy (MeV)

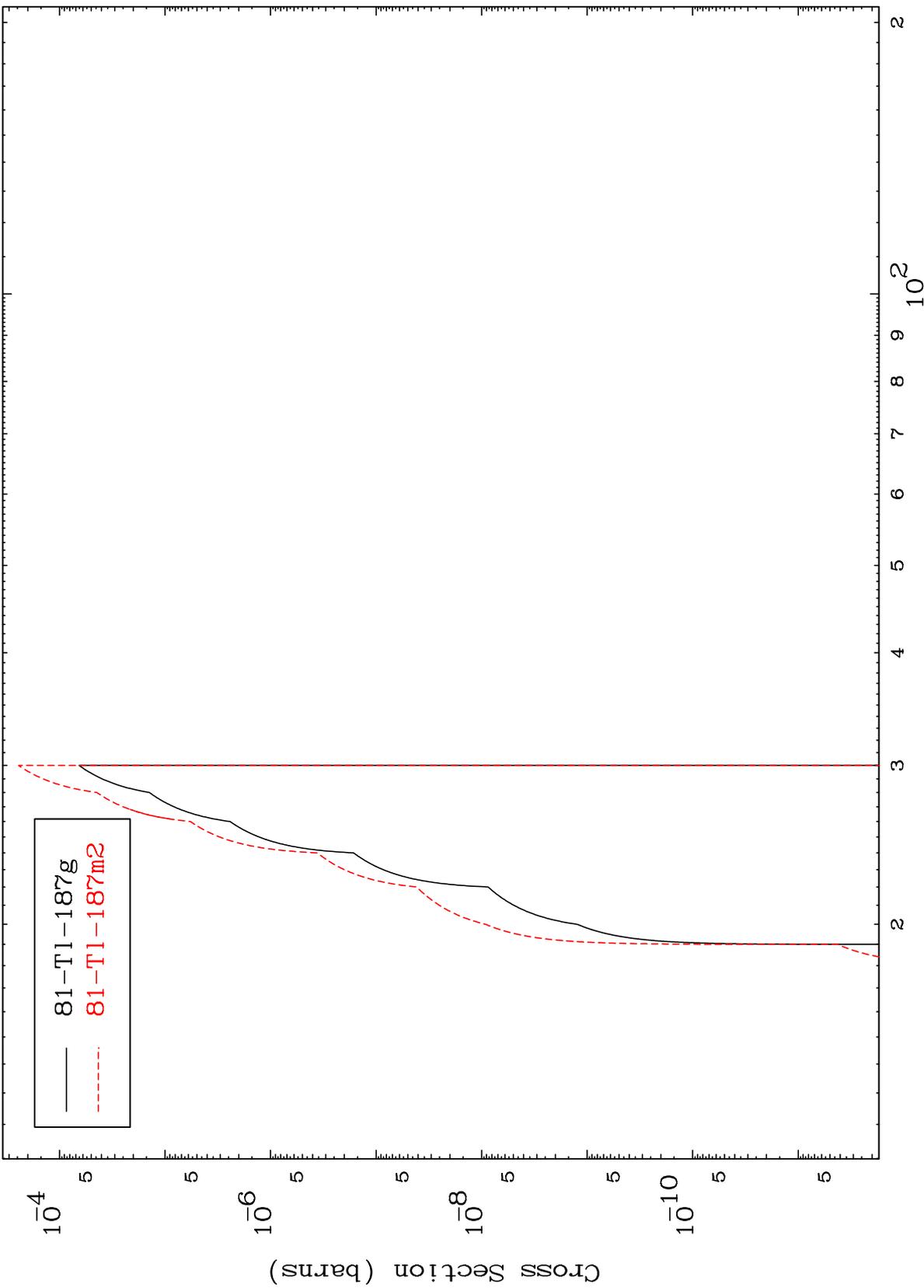
82-Pb-192

MAT 8189

(n,2n) α

82-Pb-192

Radionuclide Production Cross Section

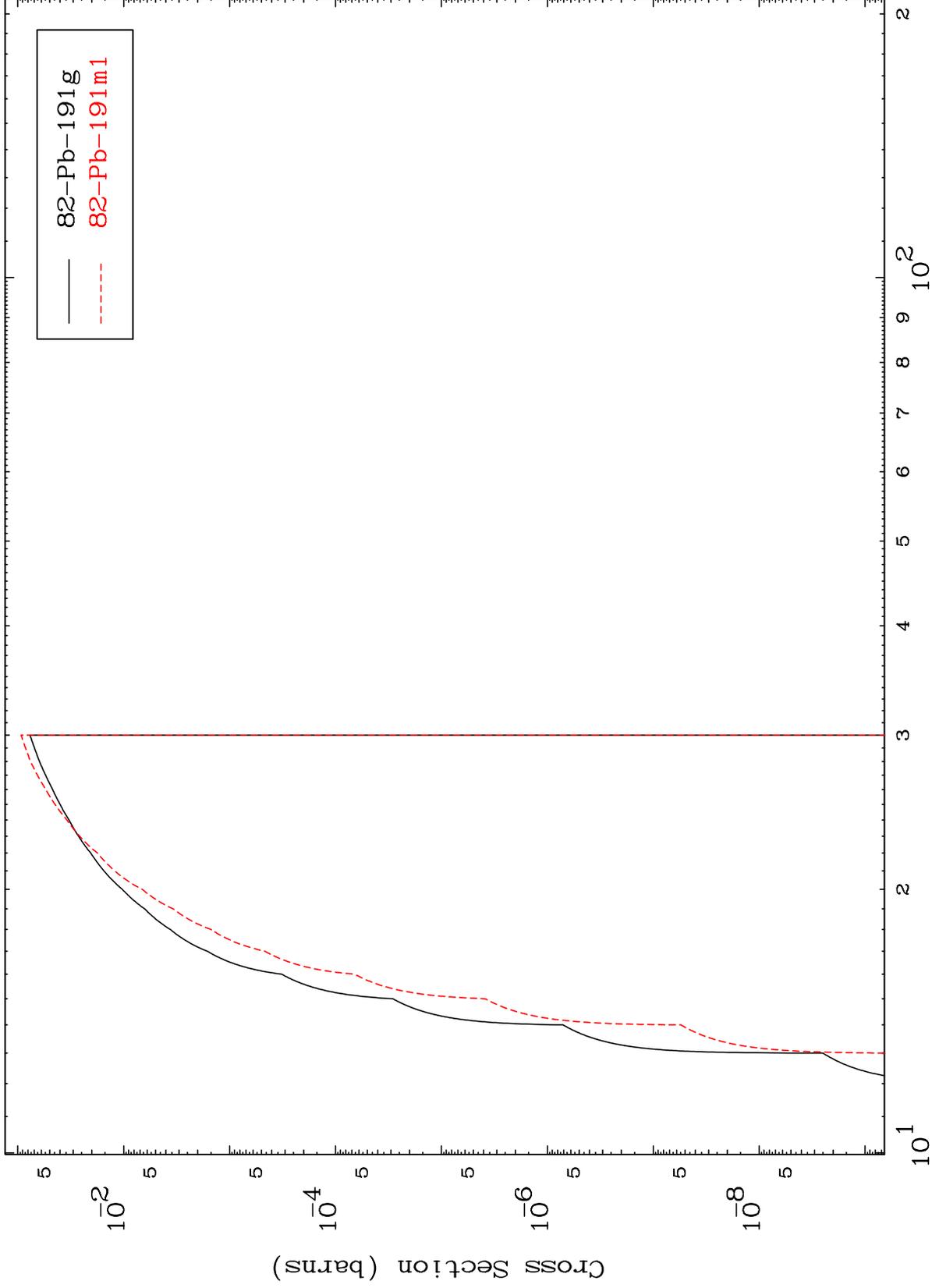


MAT 8189

(n, n') p

82-Pb-192

Radionuclide Production Cross Section



Incident Energy (MeV)

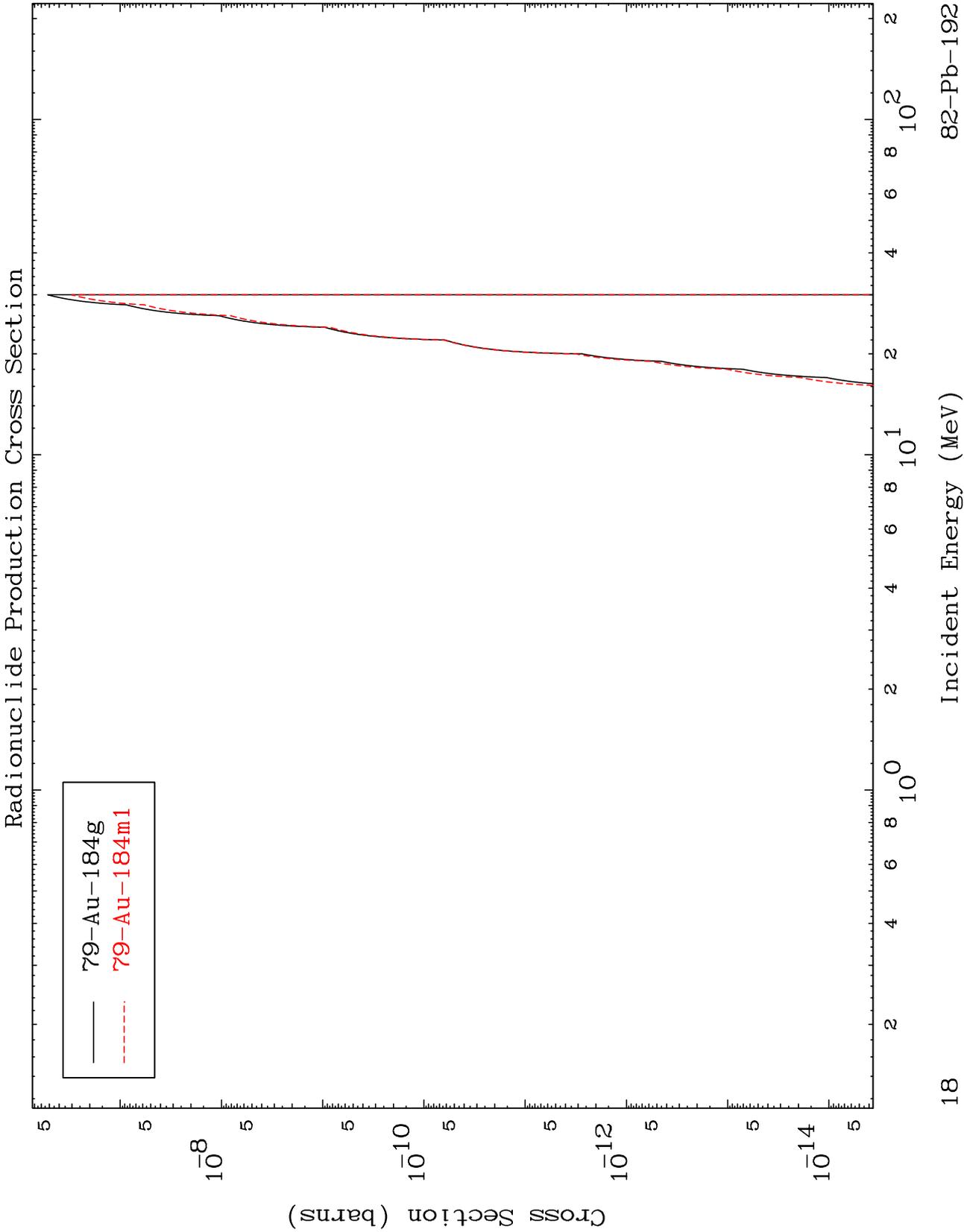
82-Pb-192

17

MAT 8189

(n,n') 2 α

82-Pb-192



18

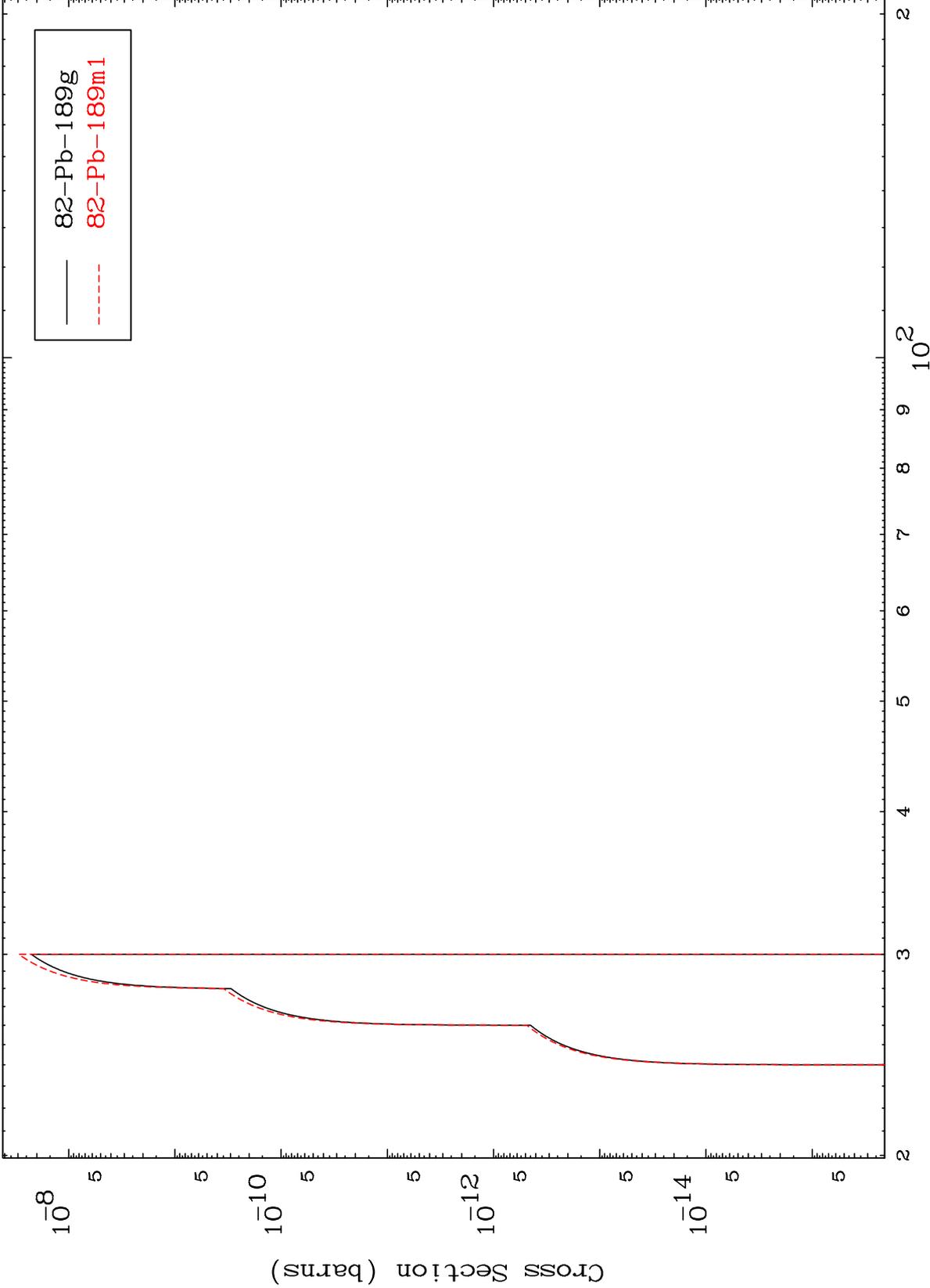
82-Pb-192

MAT 8189

(n,n') t

82-Pb-192

Radionuclide Production Cross Section

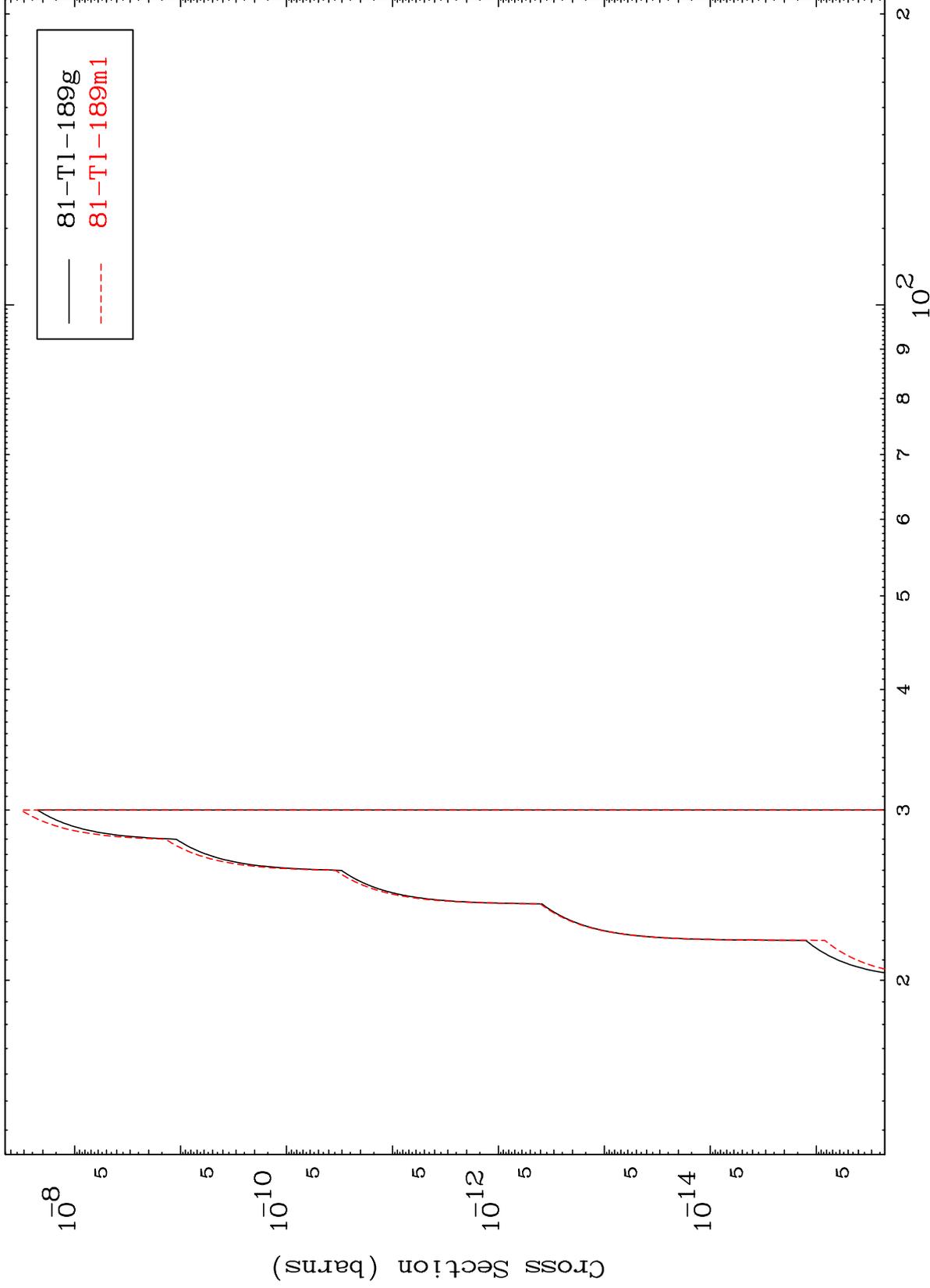


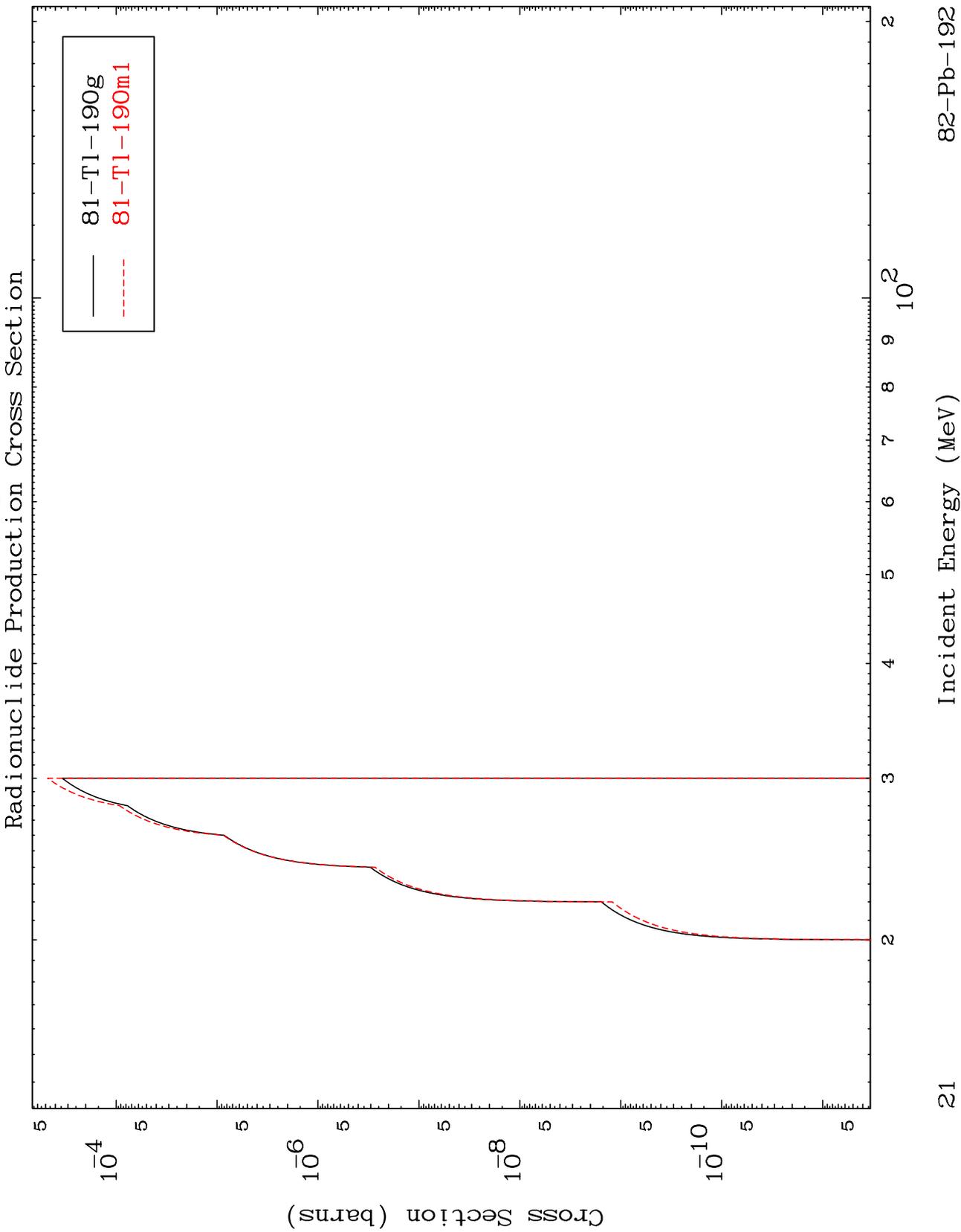
19

Incident Energy (MeV)

82-Pb-192

Radionuclide Production Cross Section



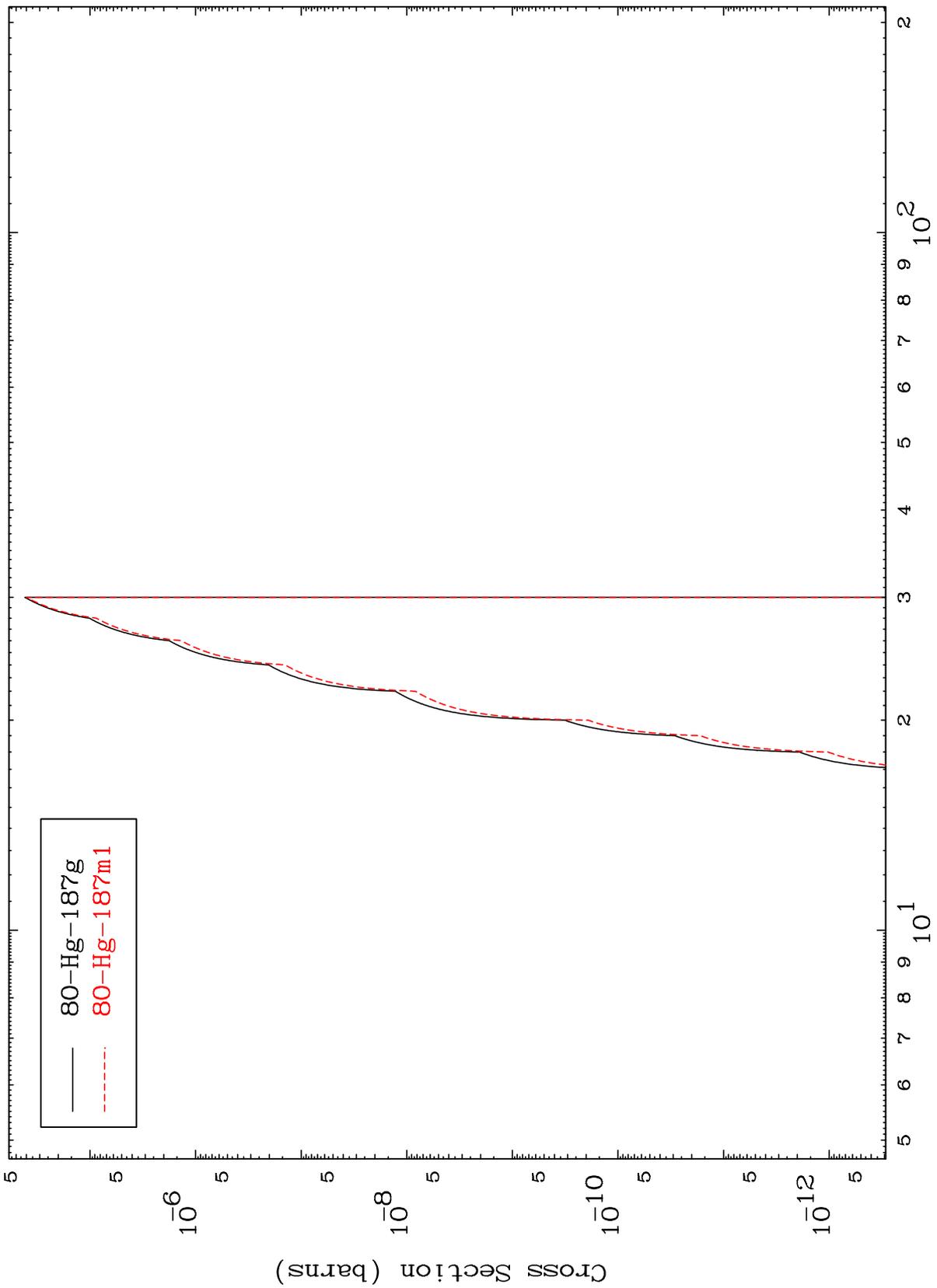


MAT 8189

(n,n') p α

82-Pb-192

Radionuclide Production Cross Section



22

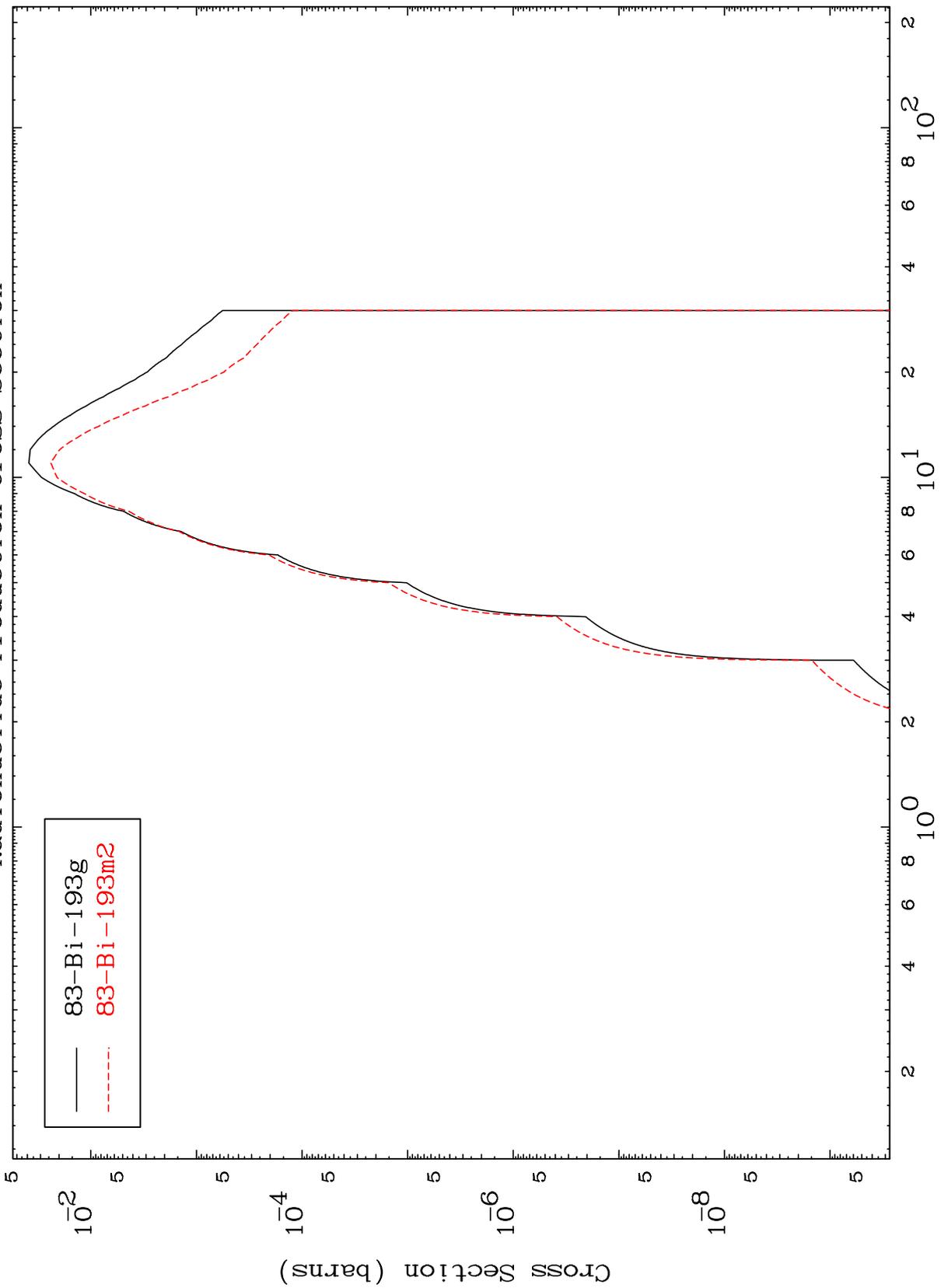
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(n, γ)
Radionuclide Production Cross Section



82-Pb-192

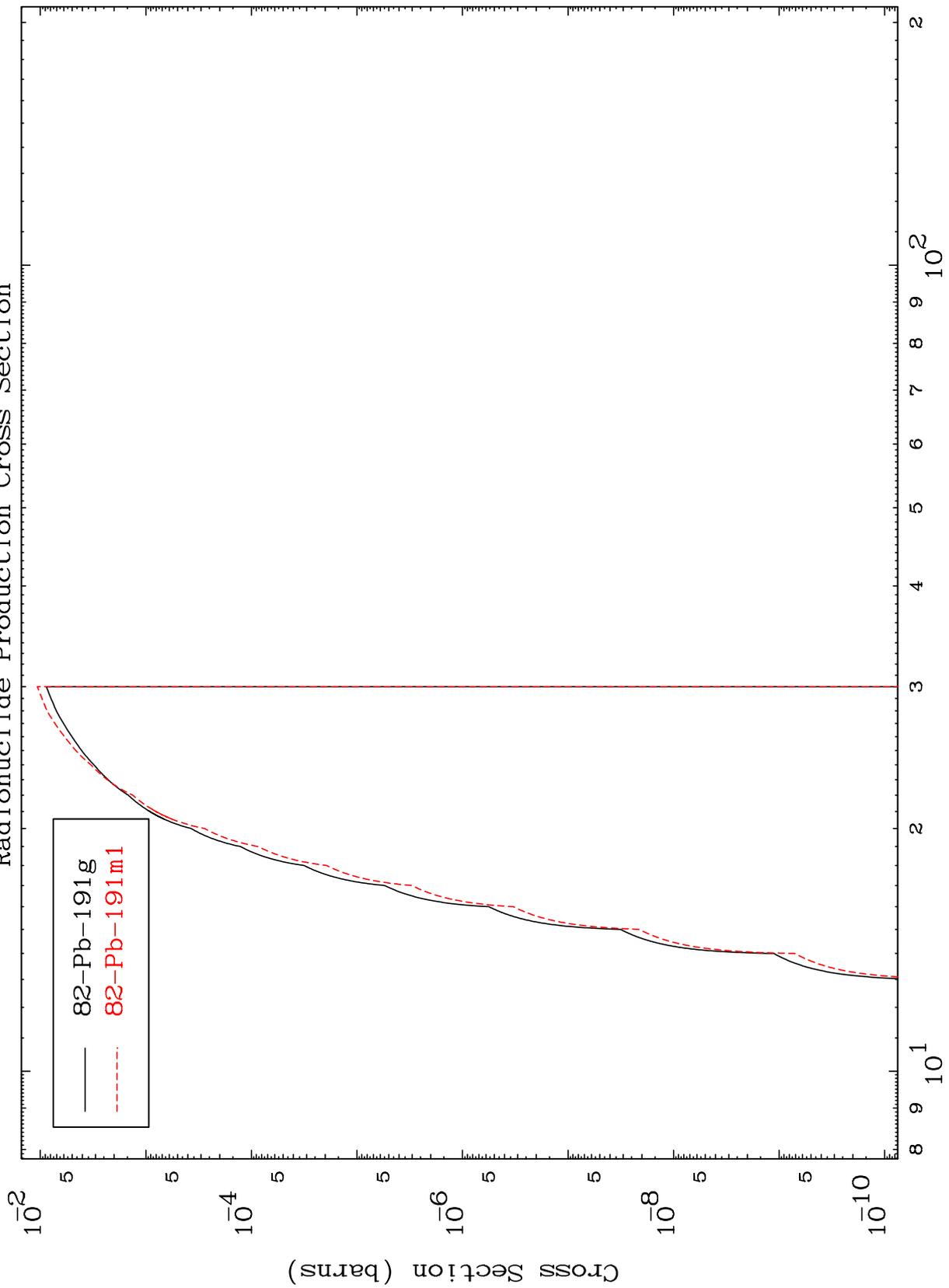
Incident Energy (MeV)

23

MAT 8189

82-Pb-192

(n,d)
Radionuclide Production Cross Section



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

82-Pb-192

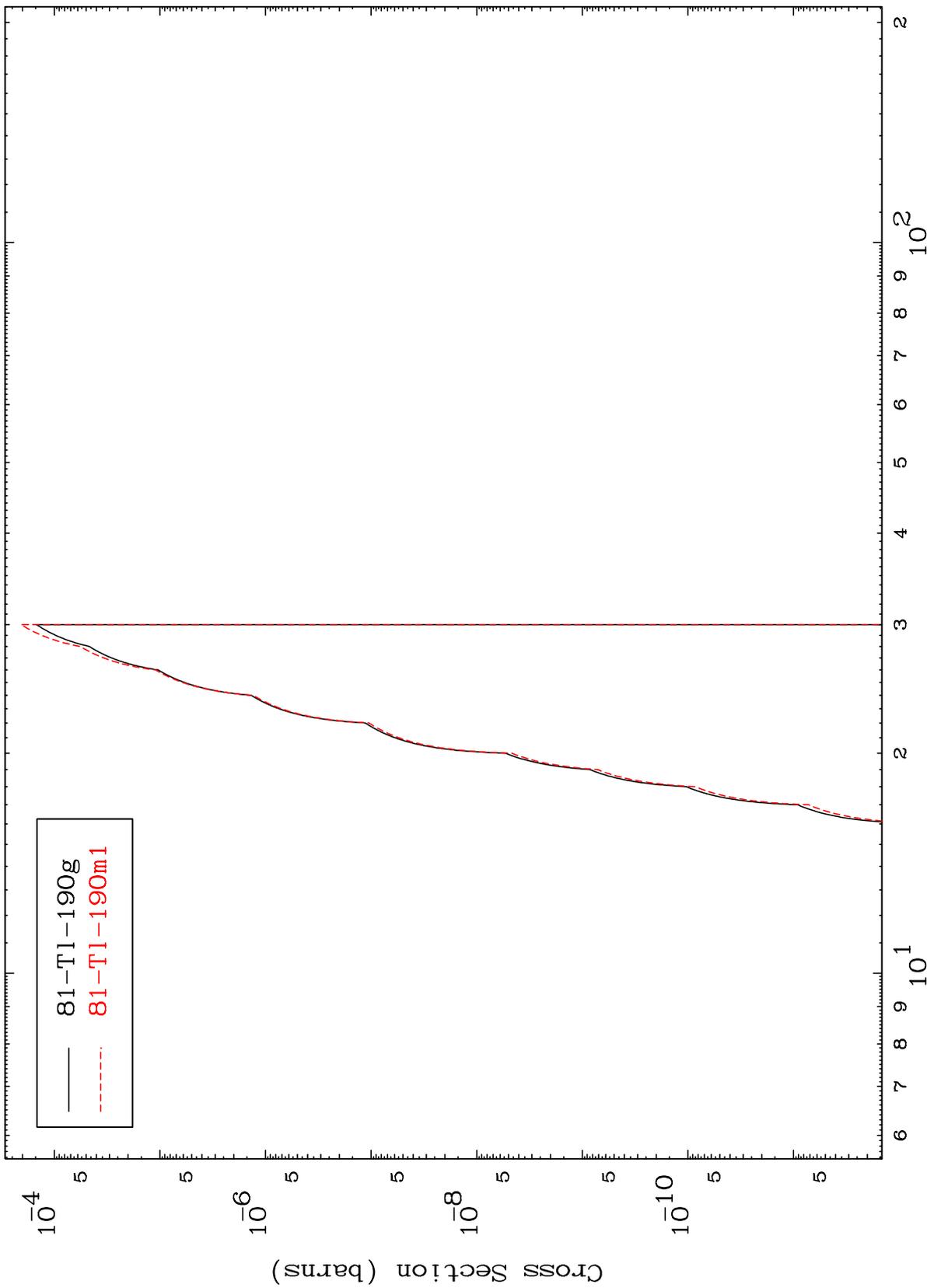
Incident Energy (MeV)

24

MAT 8189

82-Pb-192

Radionuclide Production Cross Section
(n,He-3)



25

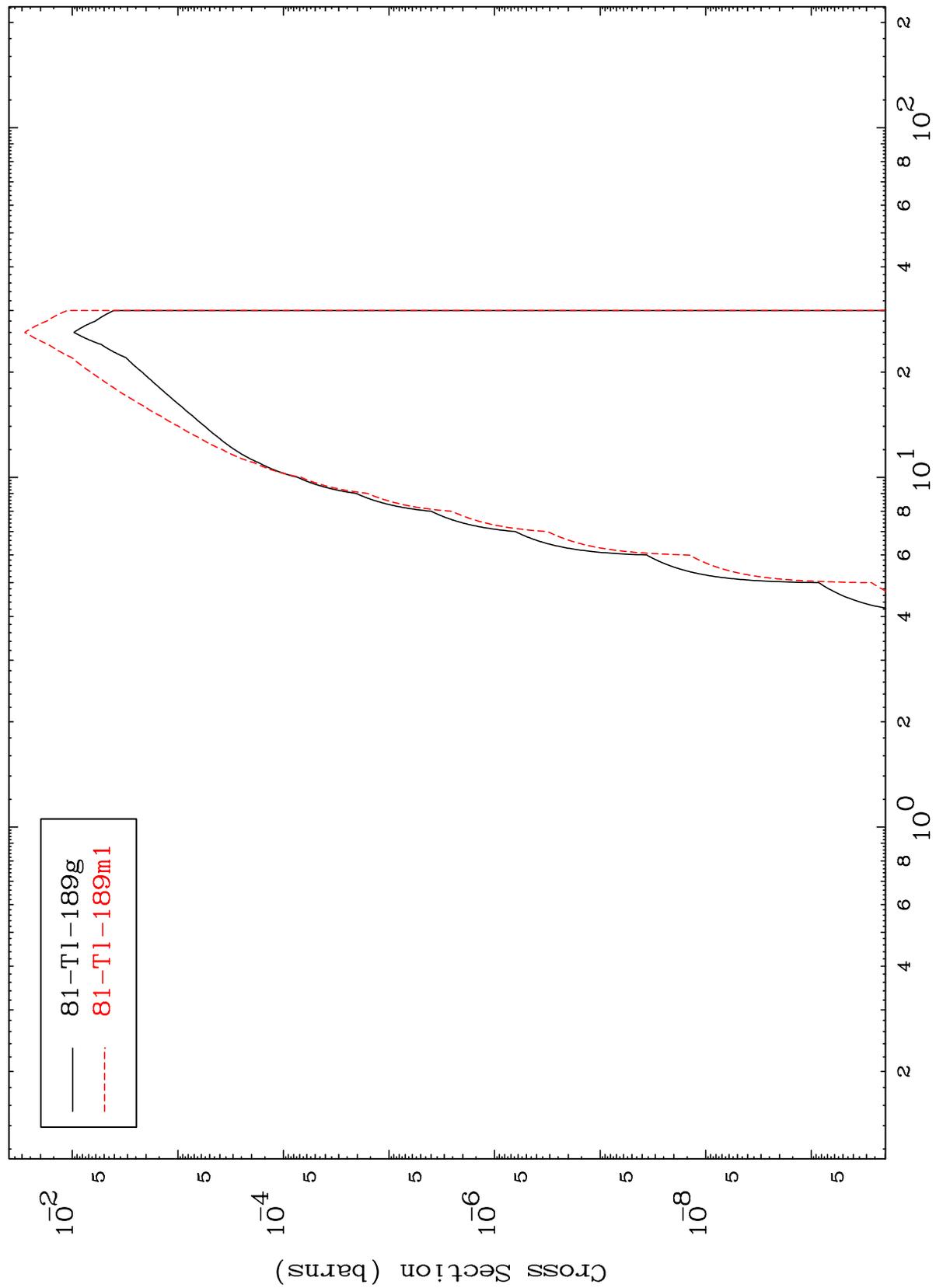
82-Pb-192

Incident Energy (MeV)

MAT 8189

82-Pb-192

Radionuclide Production Cross Section
(n, α)



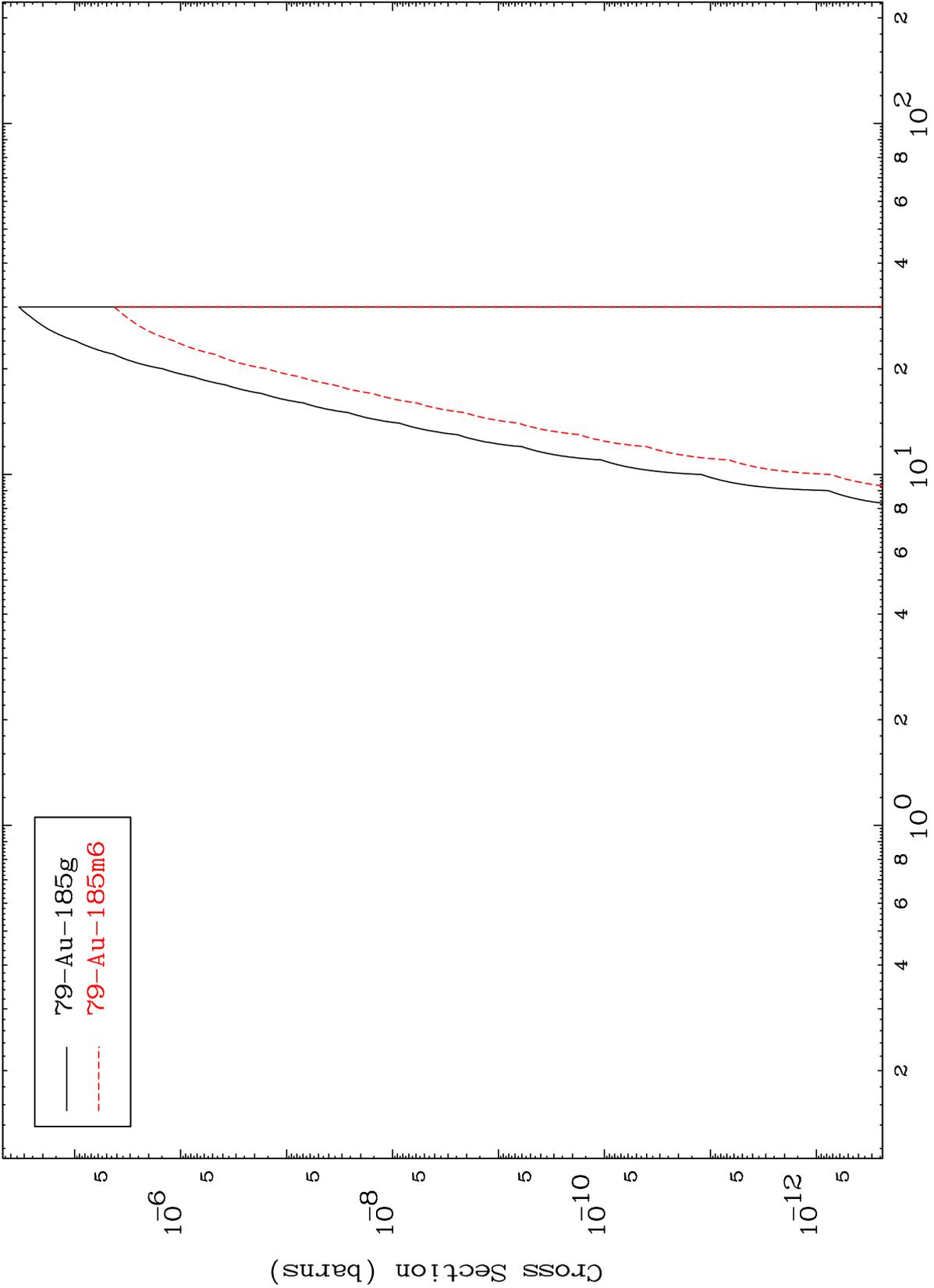
81-Tl-189g
81-Tl-189m1

MAT 8189

(n,2α)

82-Pb-192

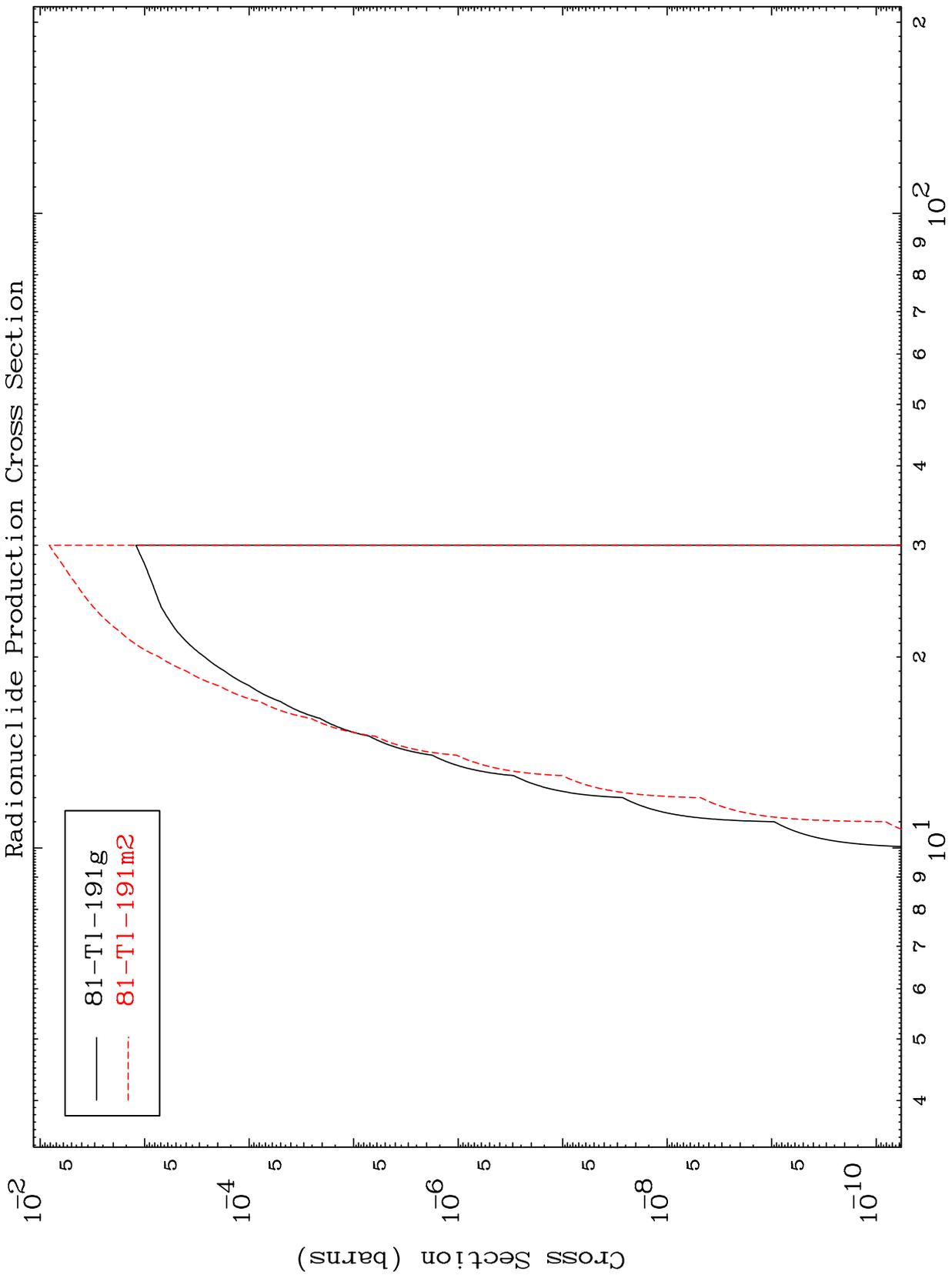
Radionuclide Production Cross Section



MAT 8189

82-Pb-192

(n,2p)
Radionuclide Production Cross Section

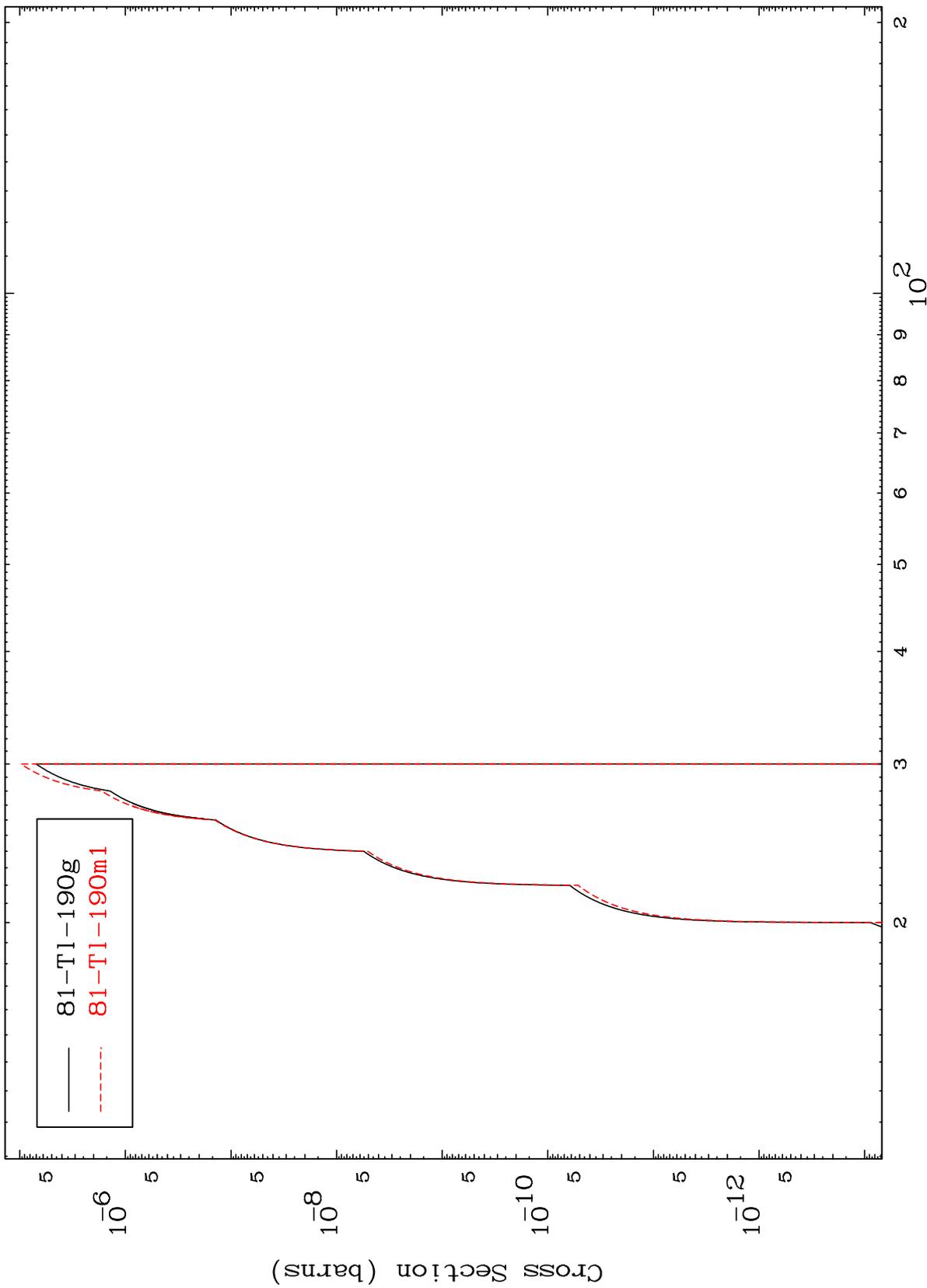


28

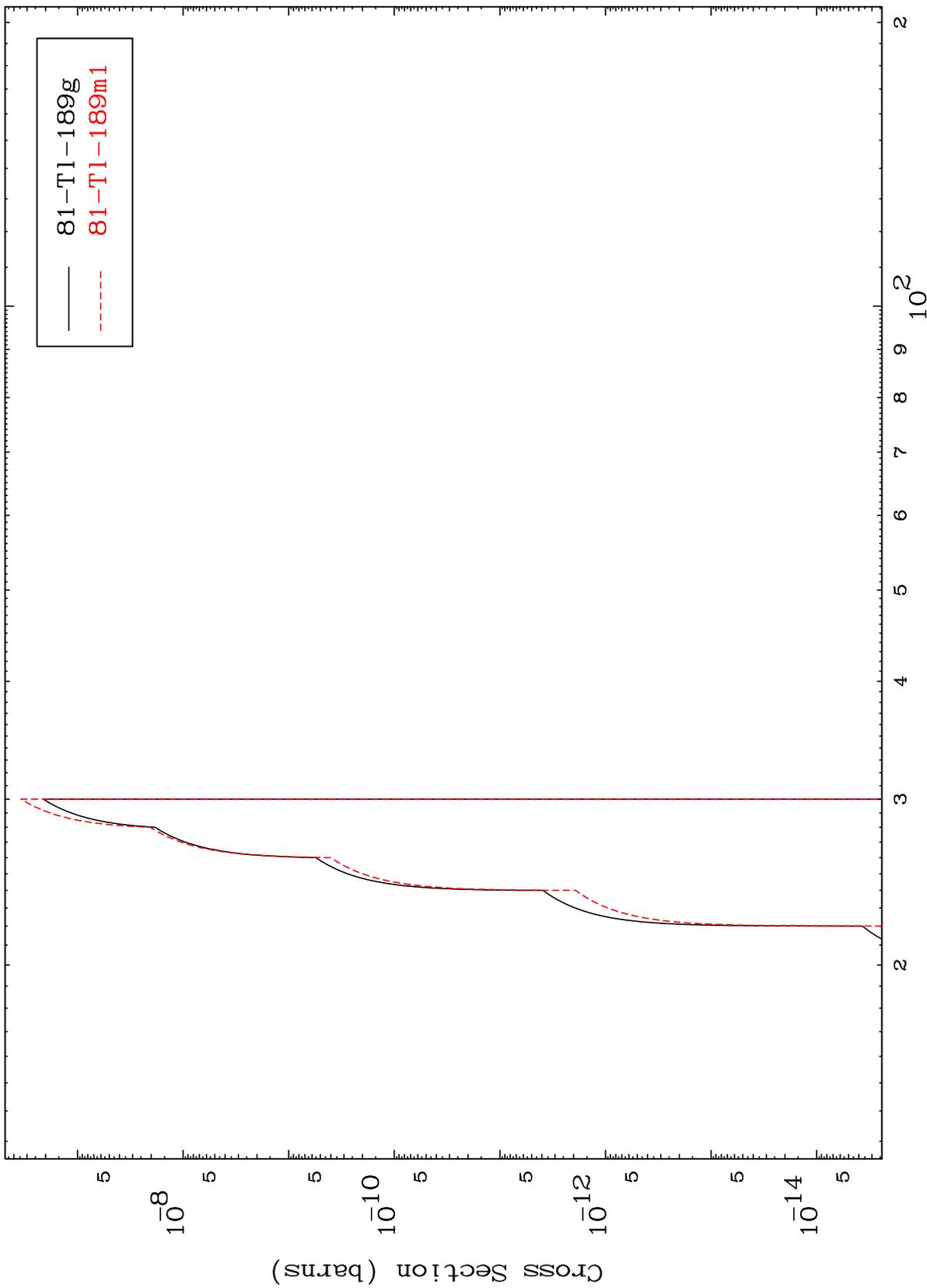
82-Pb-192

Incident Energy (MeV)

Radionuclide Production Cross Section



Radionuclide Production Cross Section

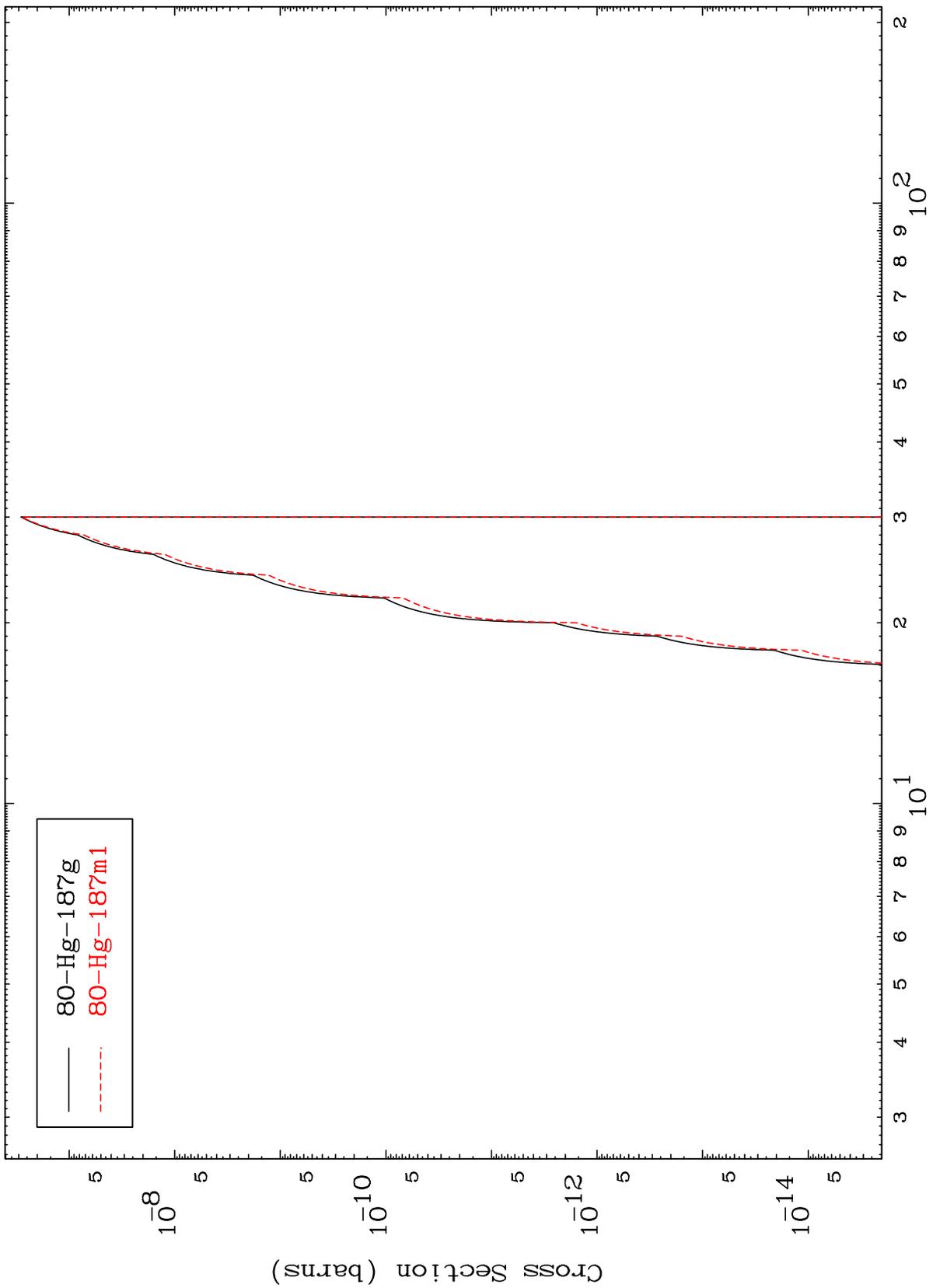


MAT 8189

(n,d) α

82-Pb-192

Radionuclide Production Cross Section



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