

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

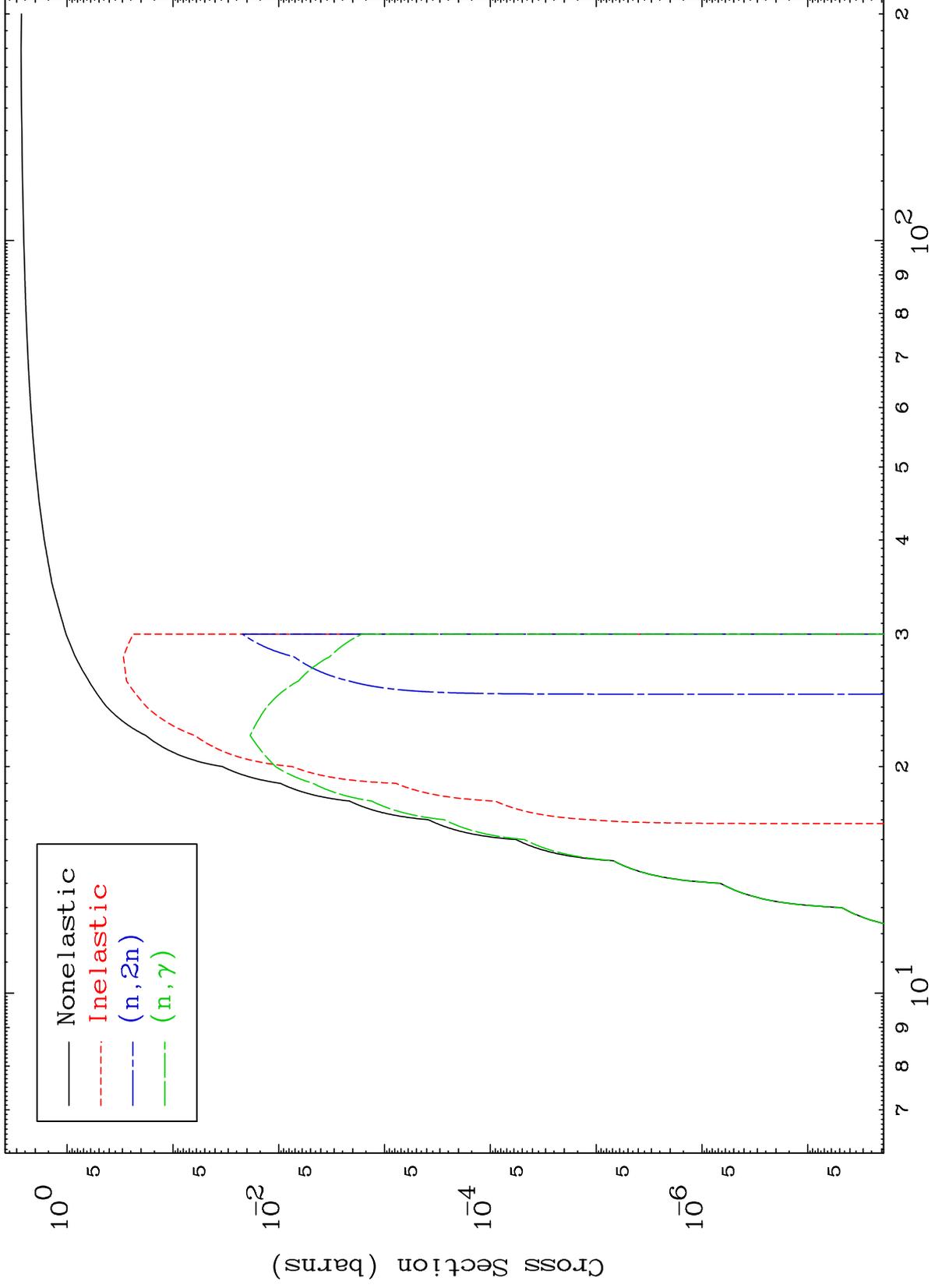
Press Mouse Button to Start

MAT 8195

0 Kelvin Cross Sections

α Major

82-Pb-194

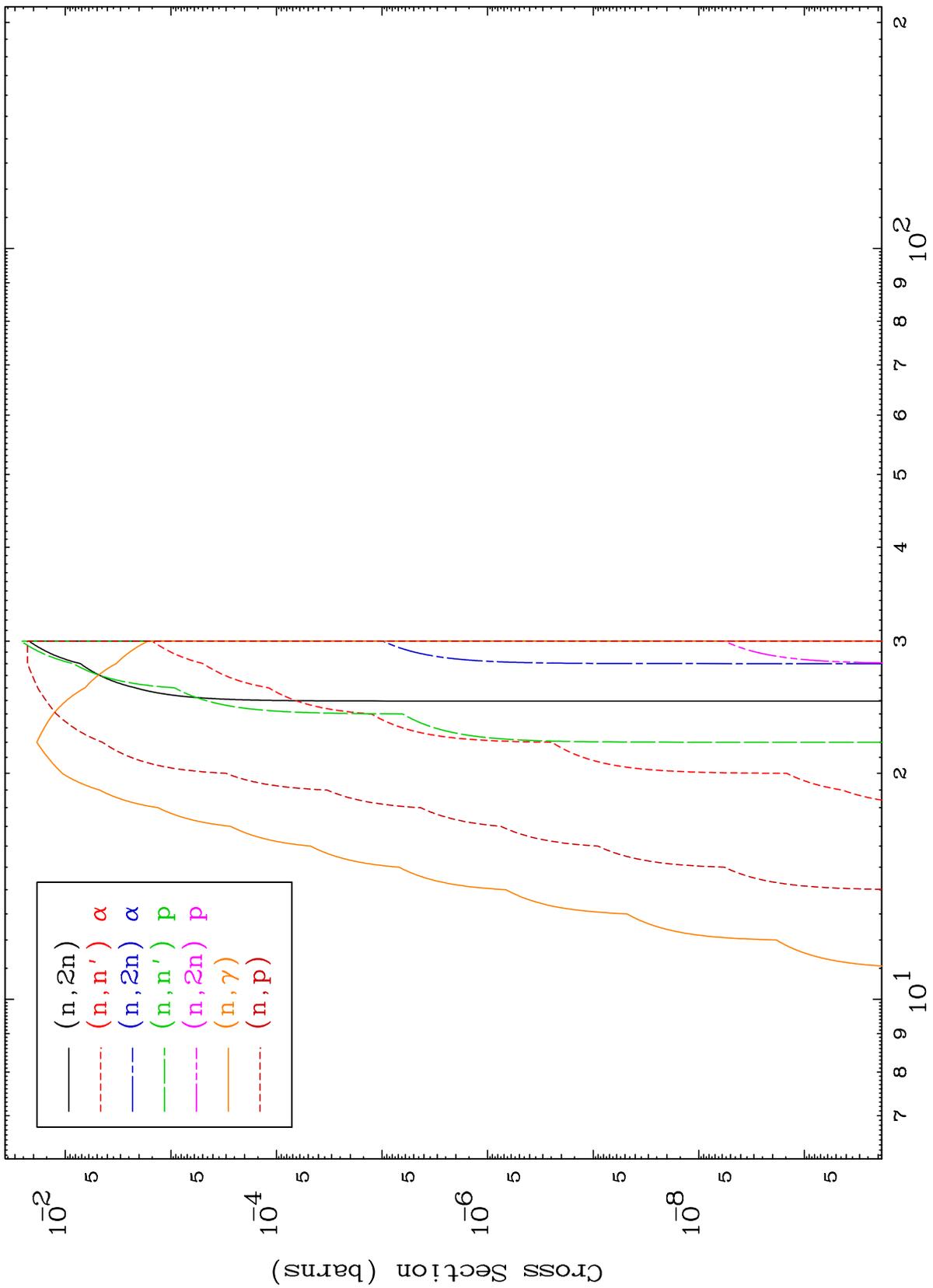


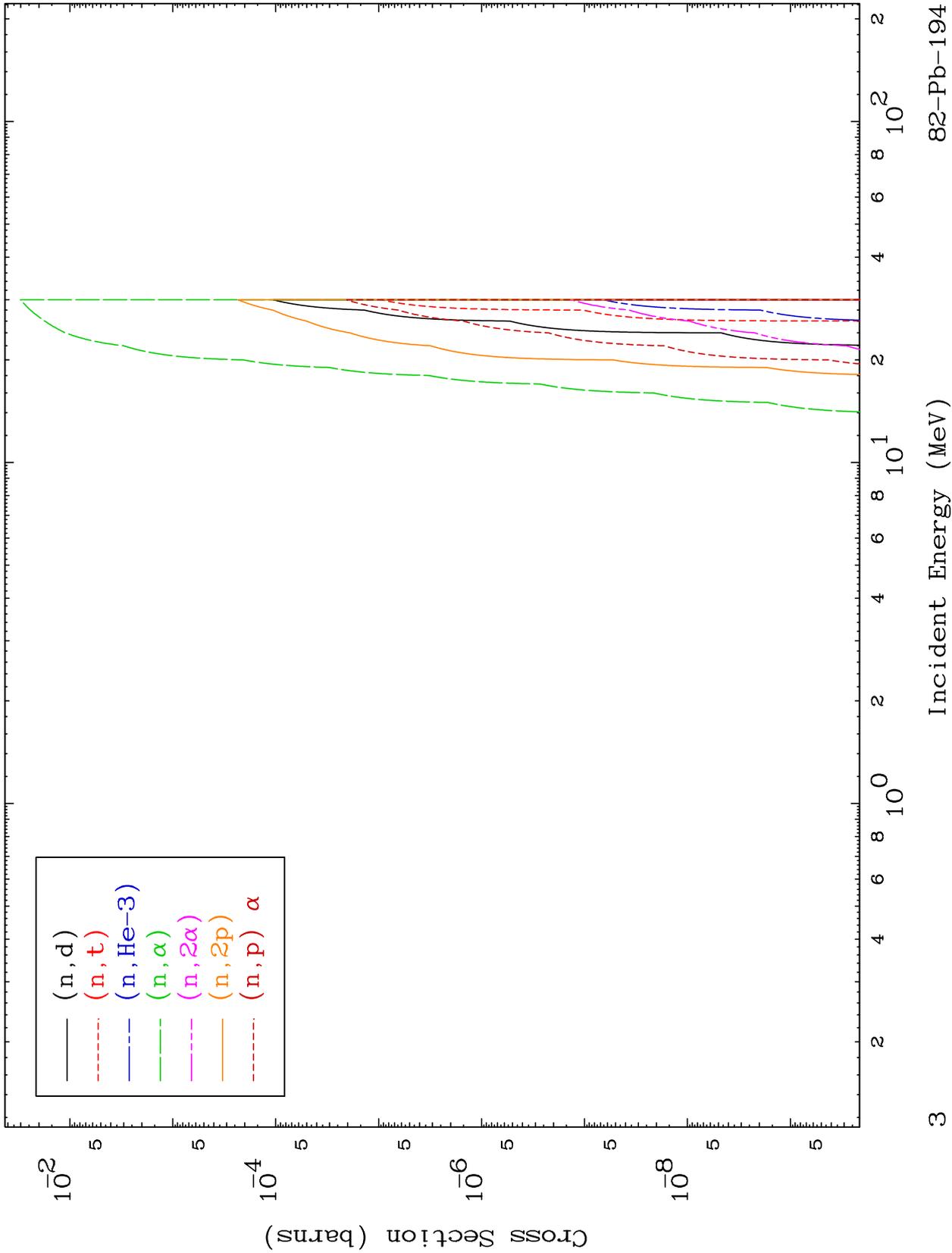
1

Incident Energy (MeV)

82-Pb-194

α Neutron Absorption
0 Kelvin Cross Sections

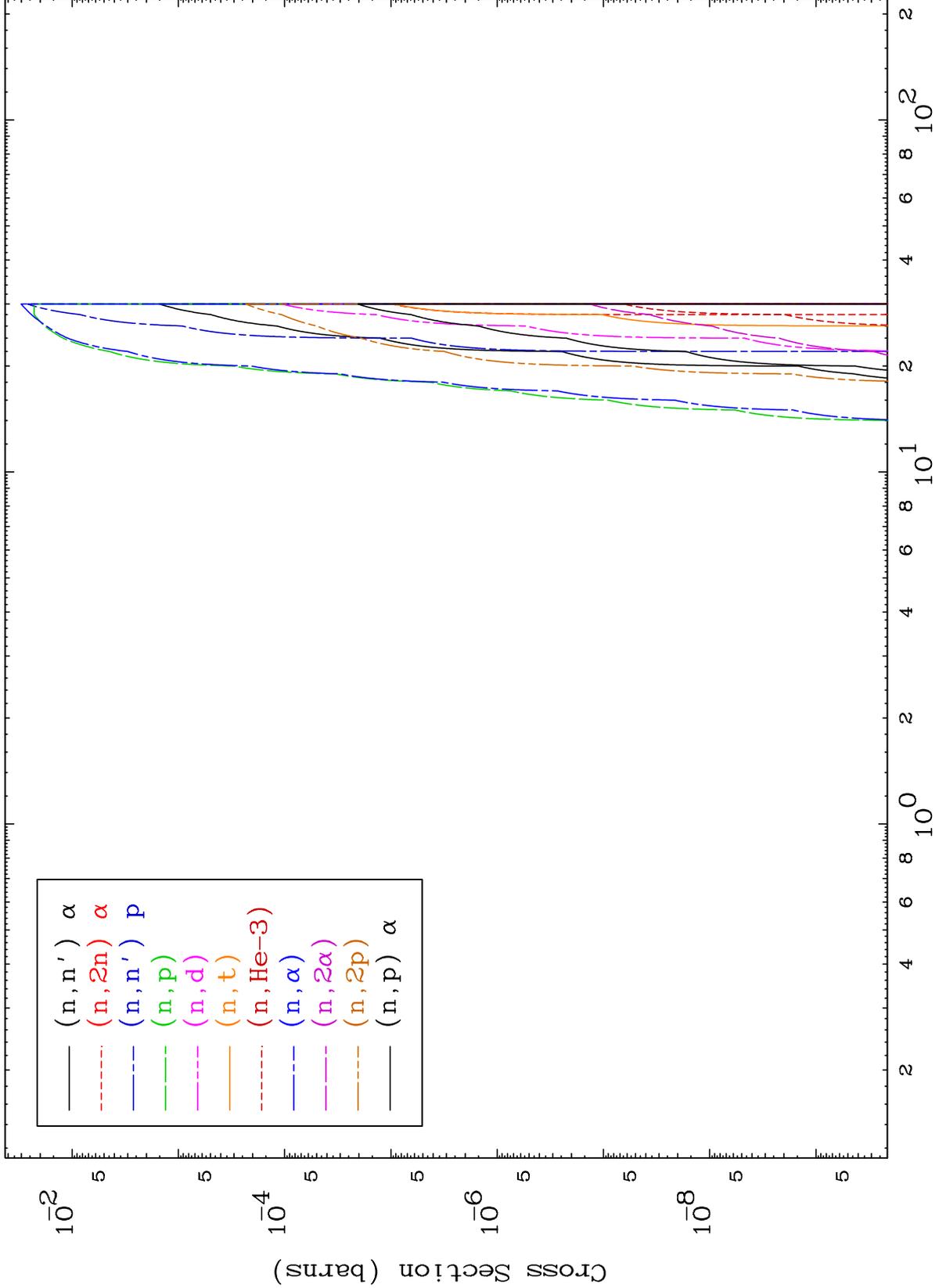




MAT 8195

α Charged Particle
0 Kelvin Cross Sections

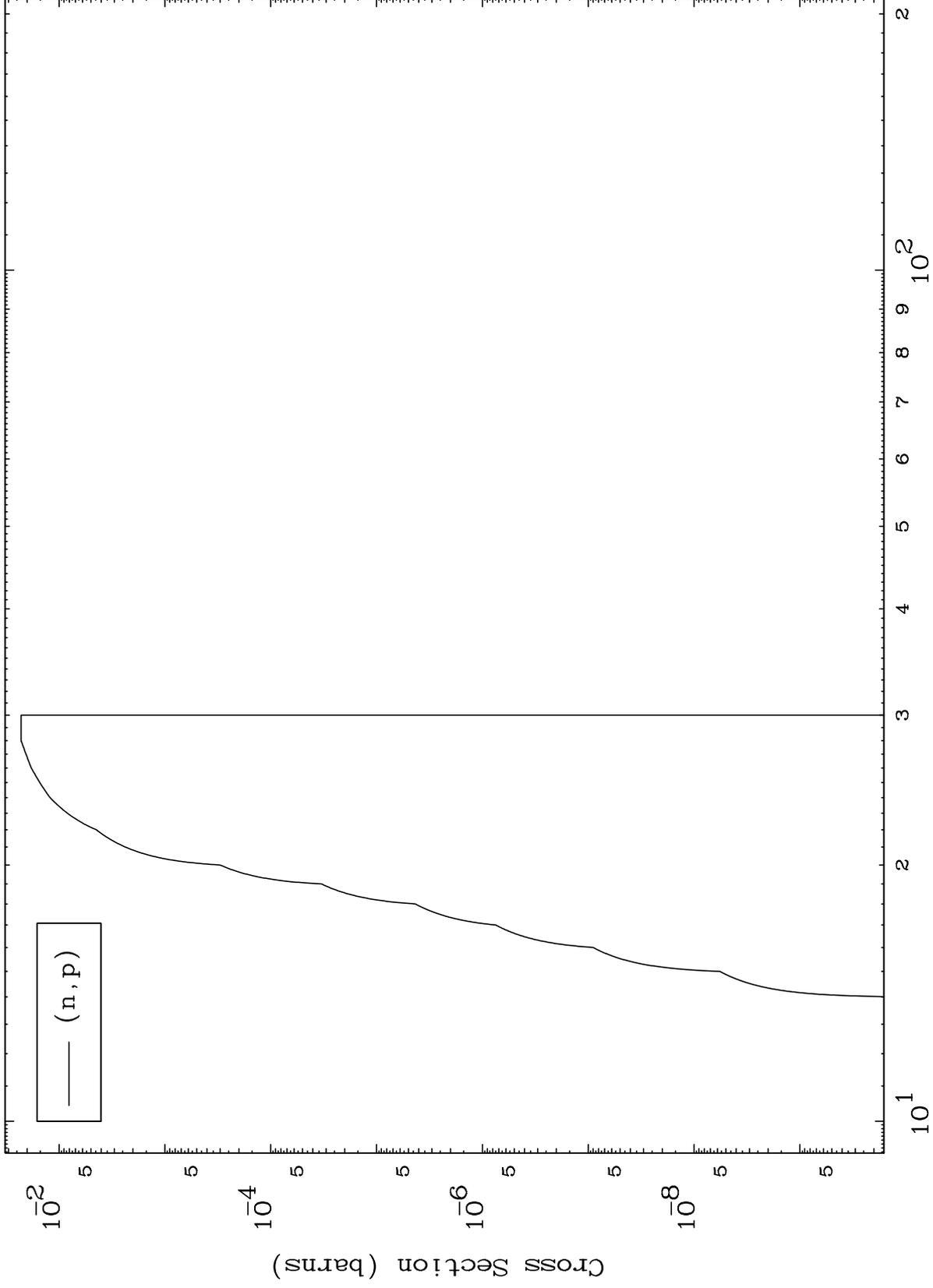
82-Pb-194



MAT 8195

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-194

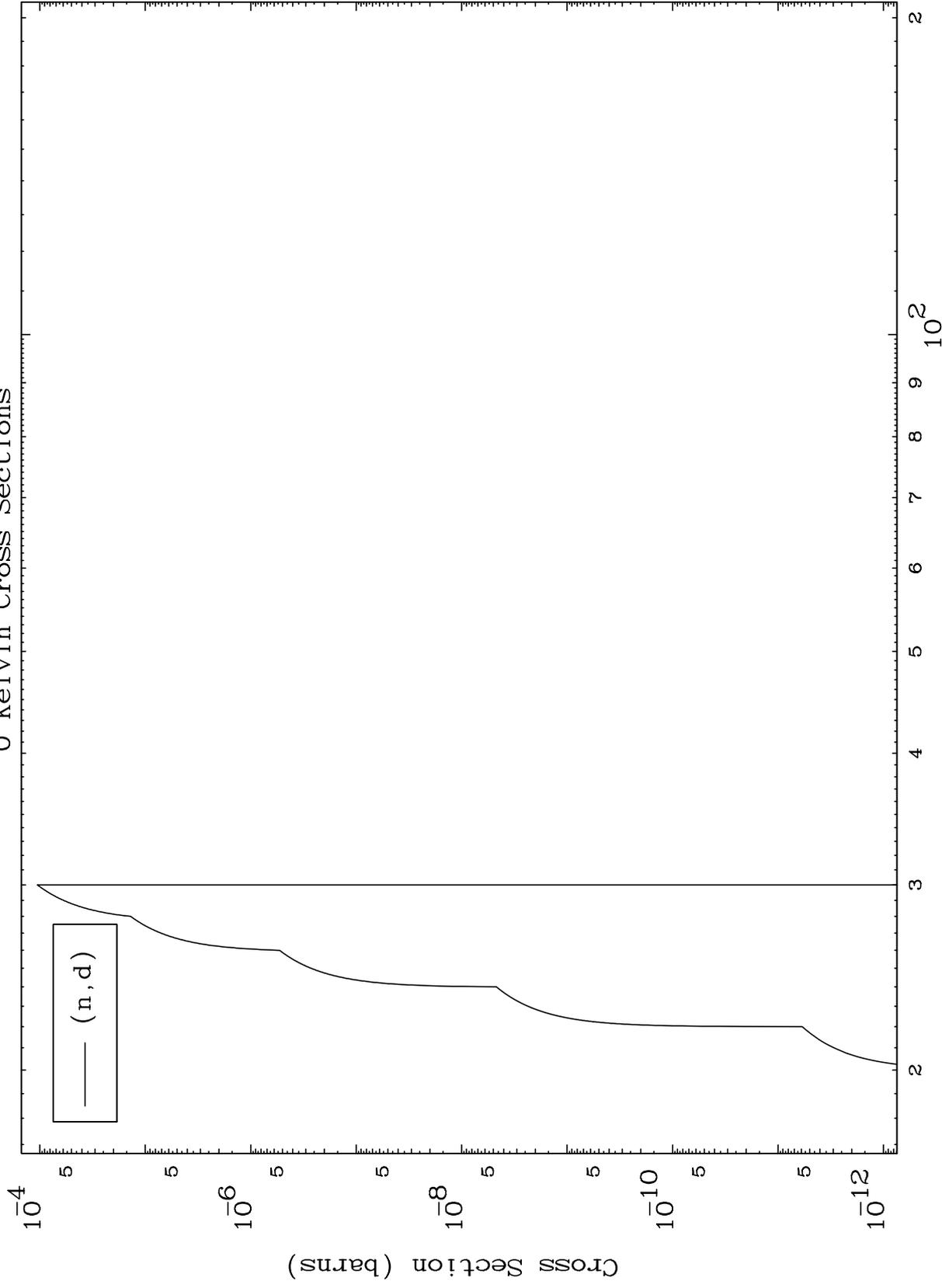


82-Pb-194

MAT 8195

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-194



(n, d)

Incident Energy (MeV)

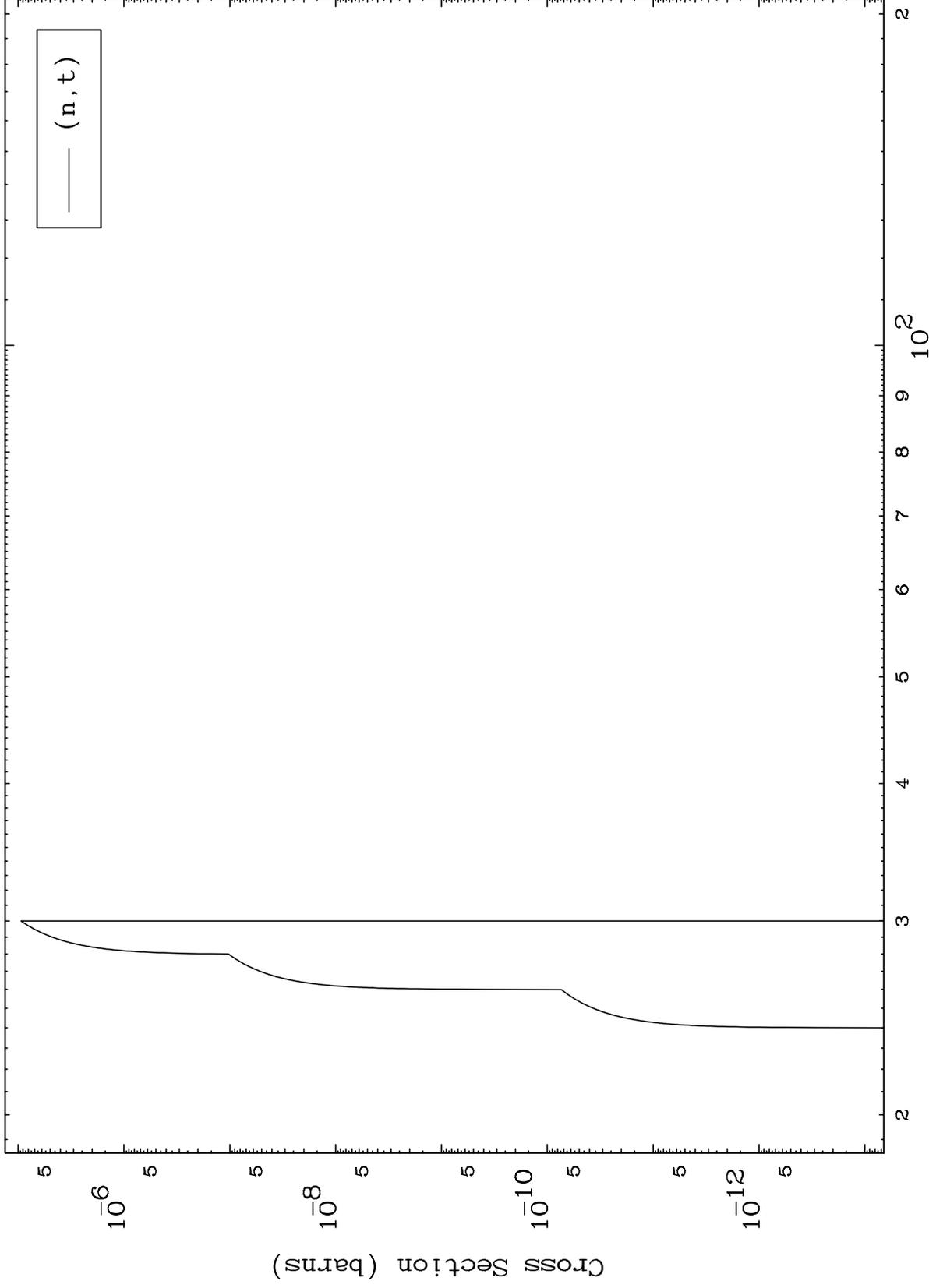
82-Pb-194

6

MAT 8195

(α, t) Levels
0 Kelvin Cross Sections

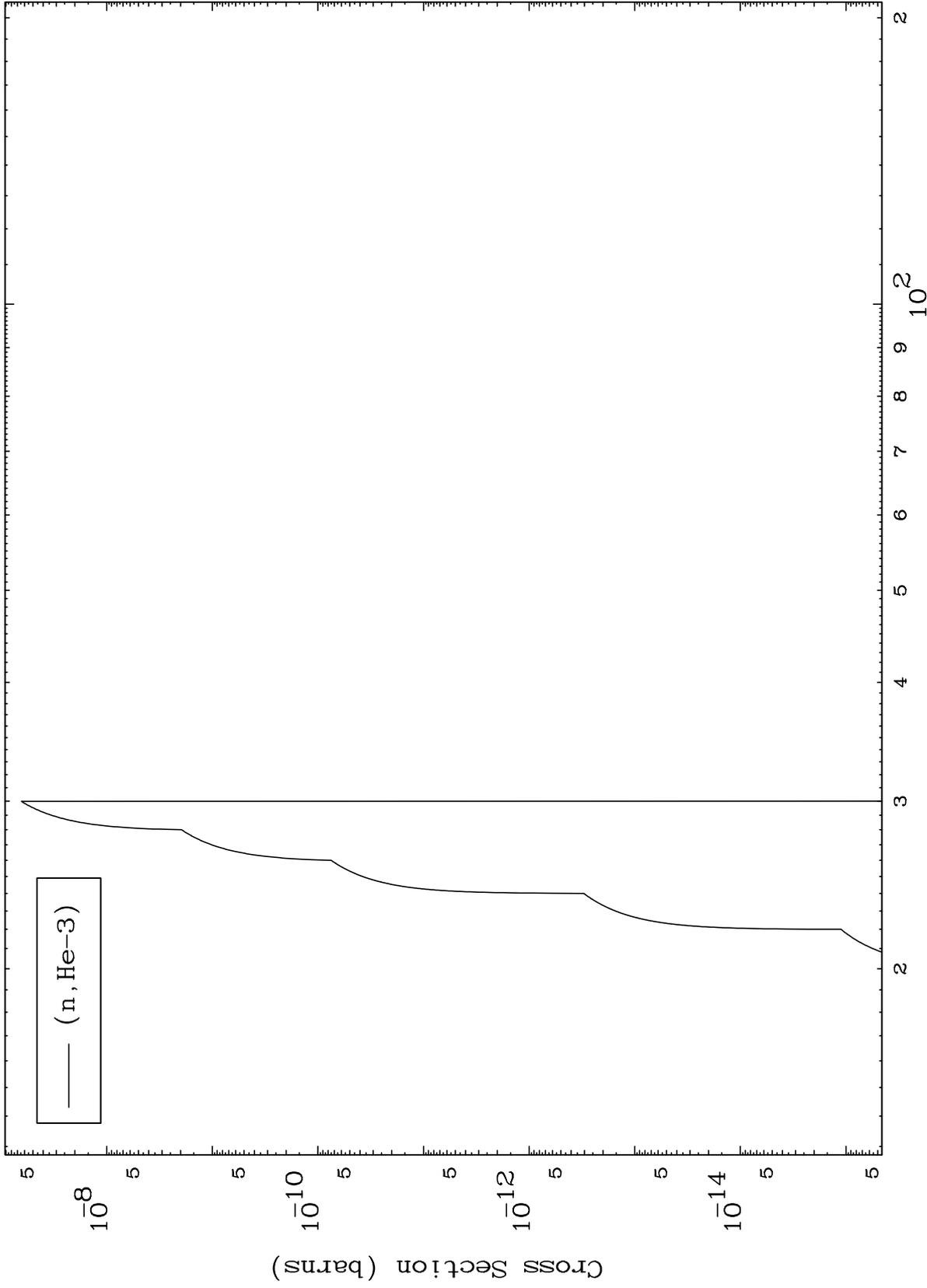
82-Pb-194

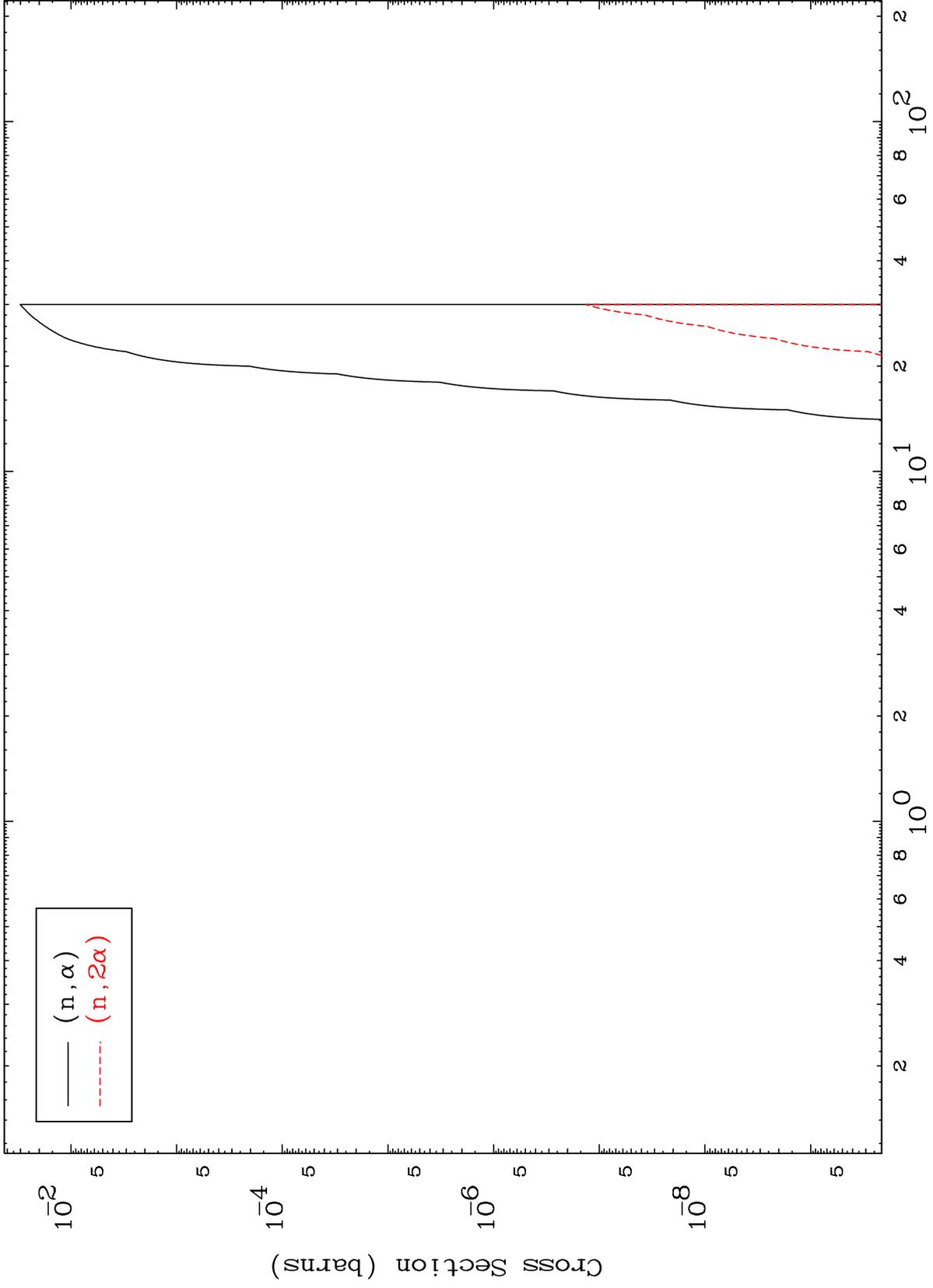


7

Incident Energy (MeV)

82-Pb-194

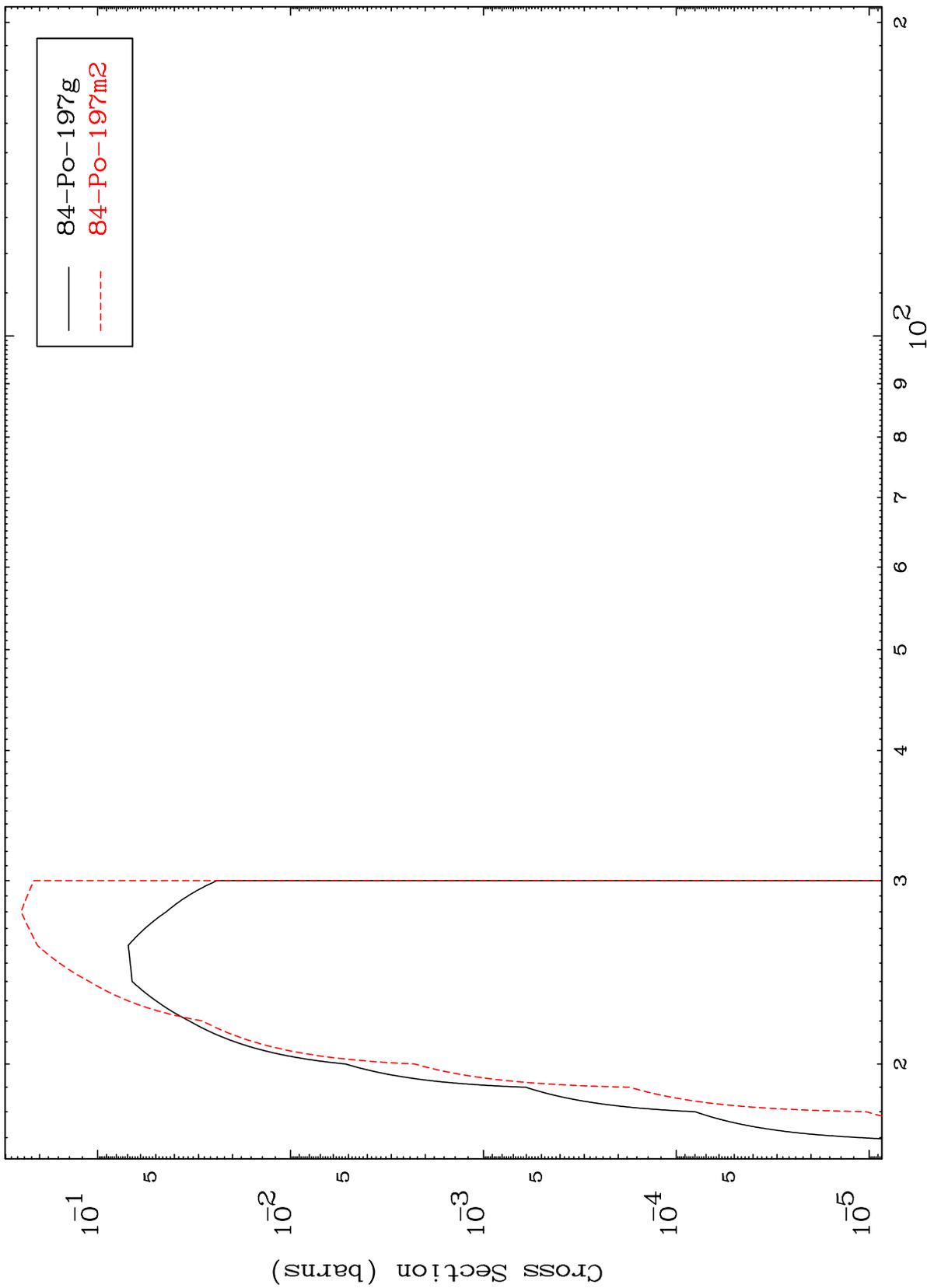




MAT 8195

82-Pb-194

Inelastic
Radionuclide Production Cross Section



82-Pb-194

Incident Energy (MeV)

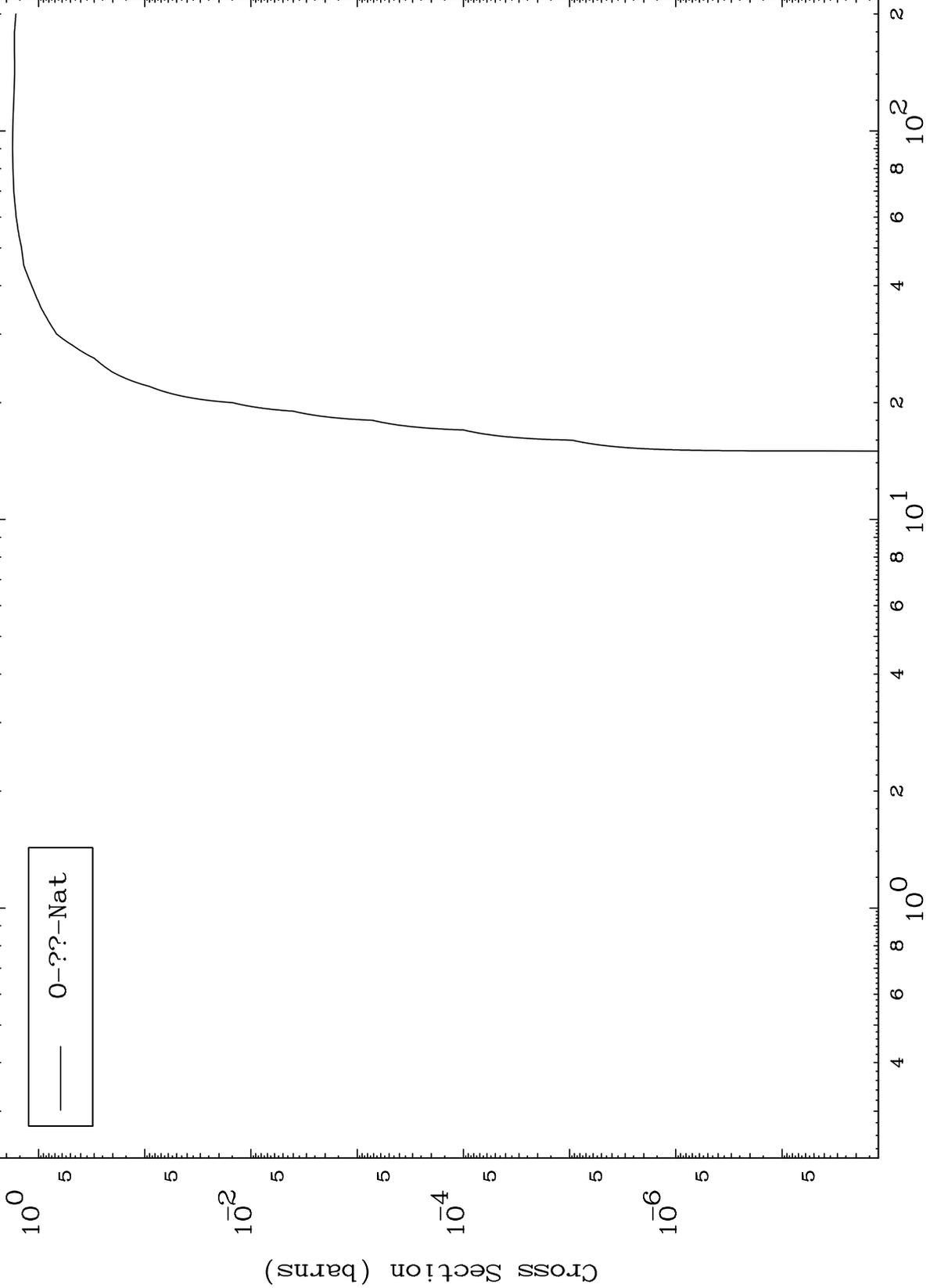
10

MAT 8195

Fission

82-Pb-194

Radionuclide Production Cross Section

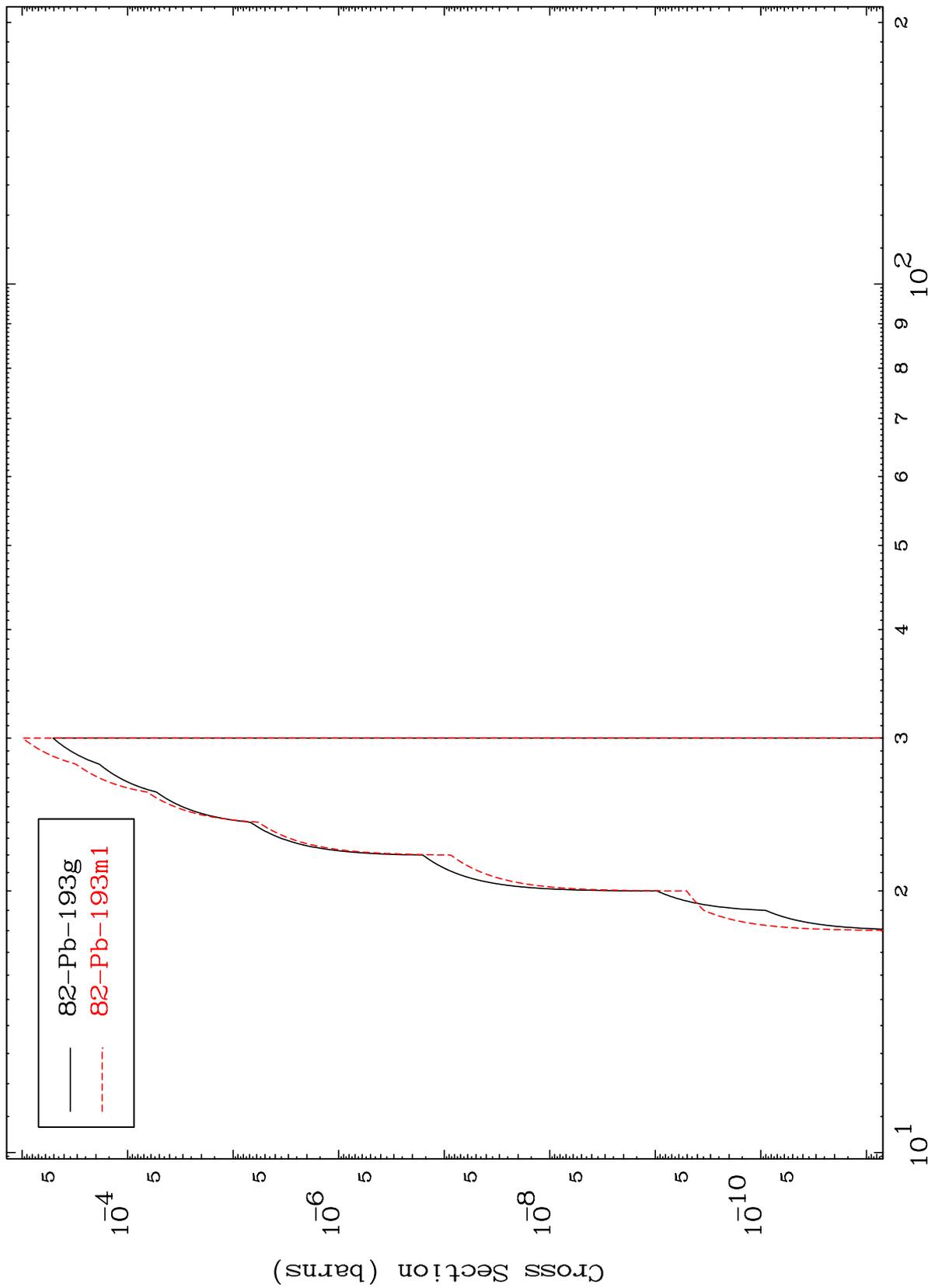


MAT 8195

$(n, n') \alpha$

82-Pb-194

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

Incident Energy (MeV)

82-Pb-194

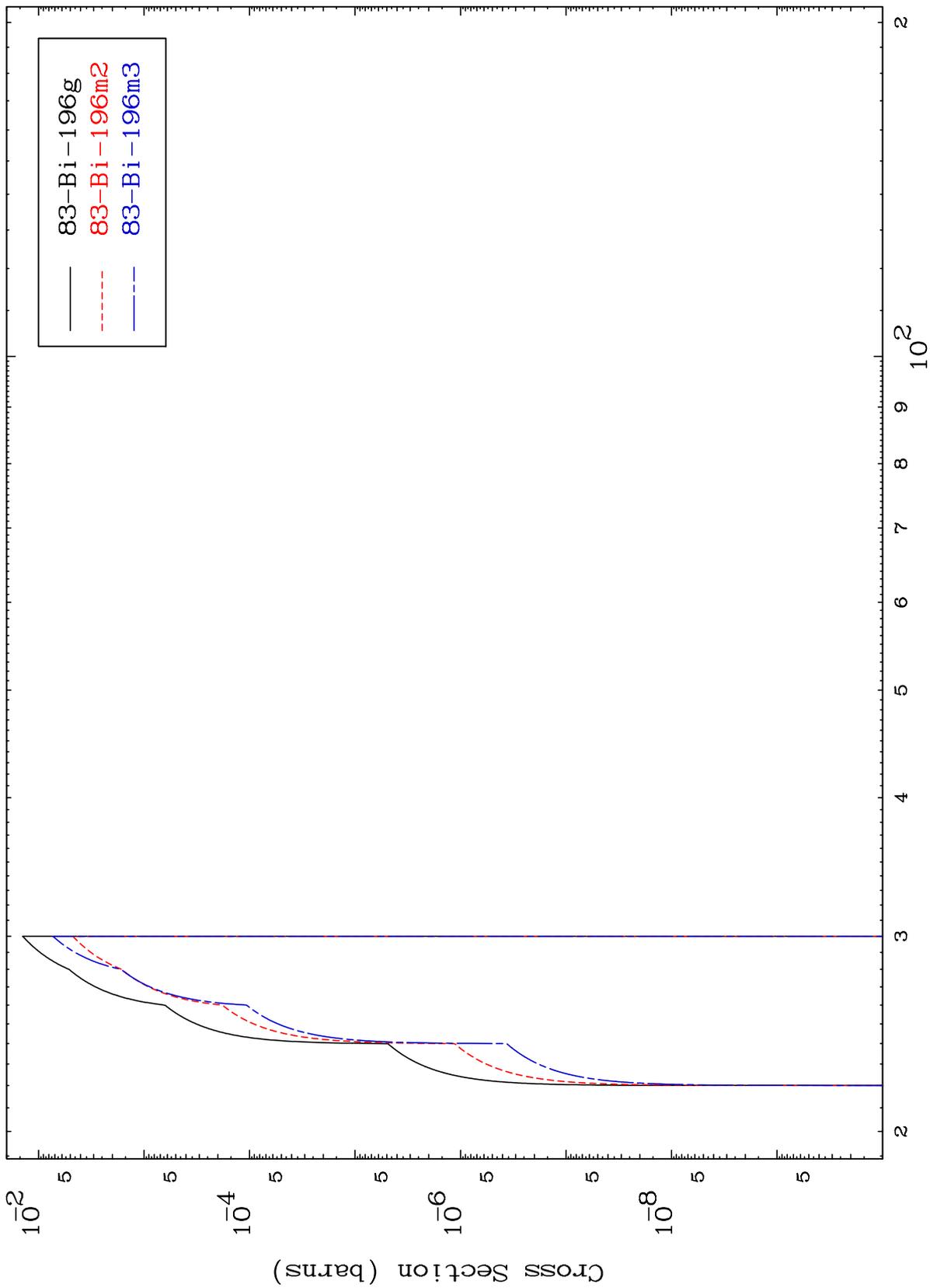
12

MAT 8195

(n,n') p

82-Pb-194

Radionuclide Production Cross Section



13

Incident Energy (MeV)

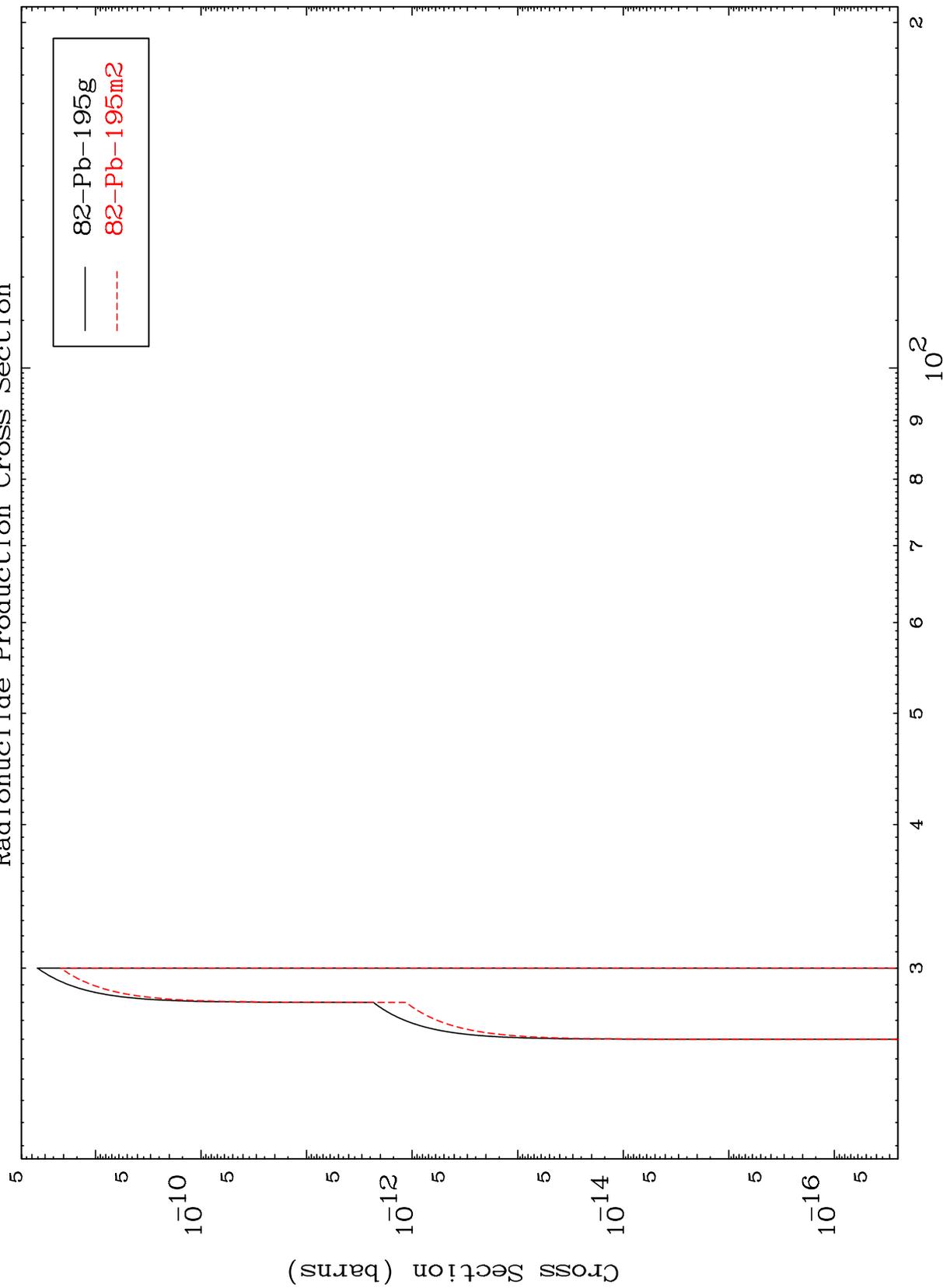
82-Pb-194

MAT 8195

82-Pb-194

(n,2n) p

Radionuclide Production Cross Section



14

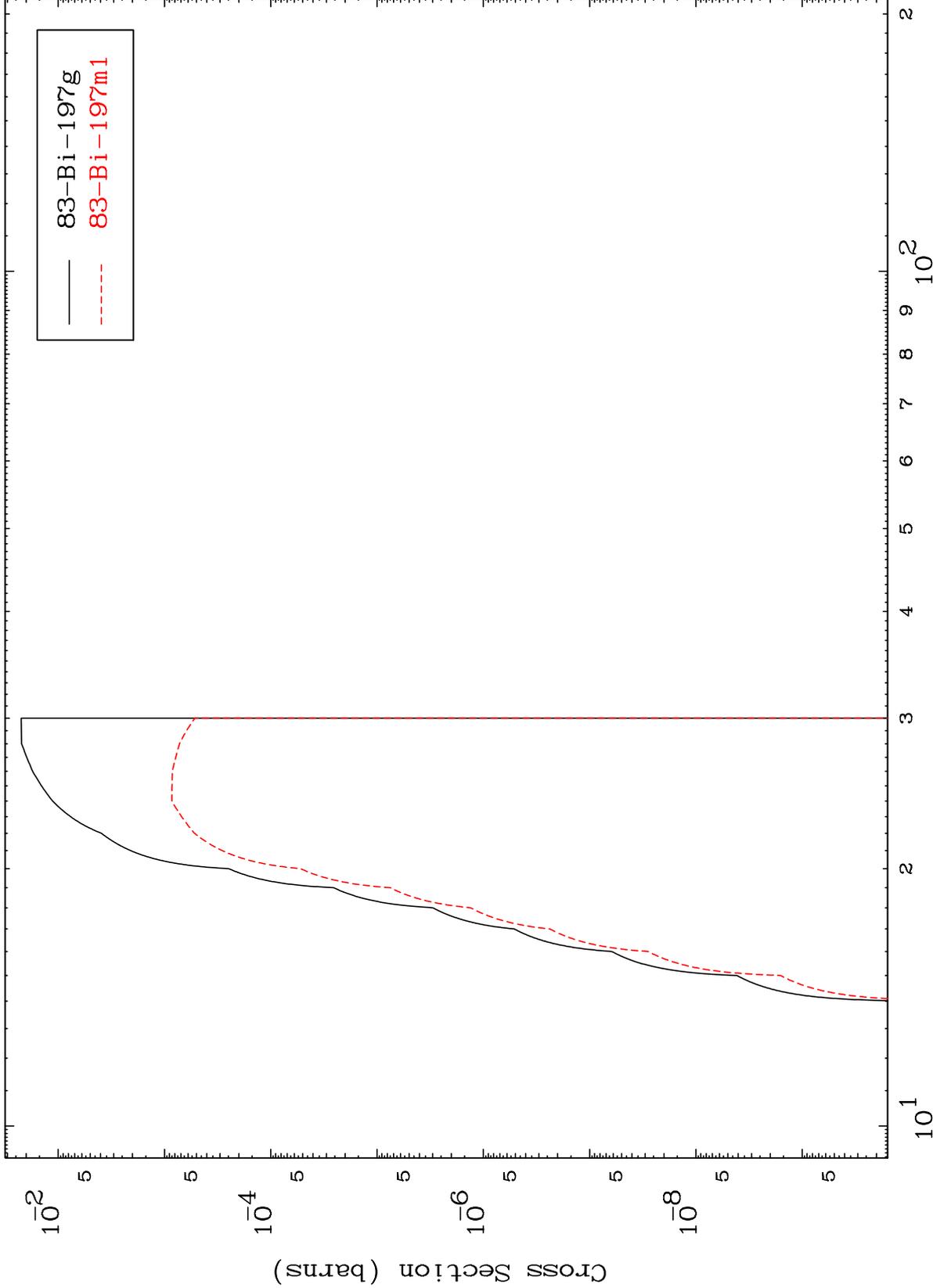
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

(n,p)
Radionuclide Production Cross Section



82-Pb-194

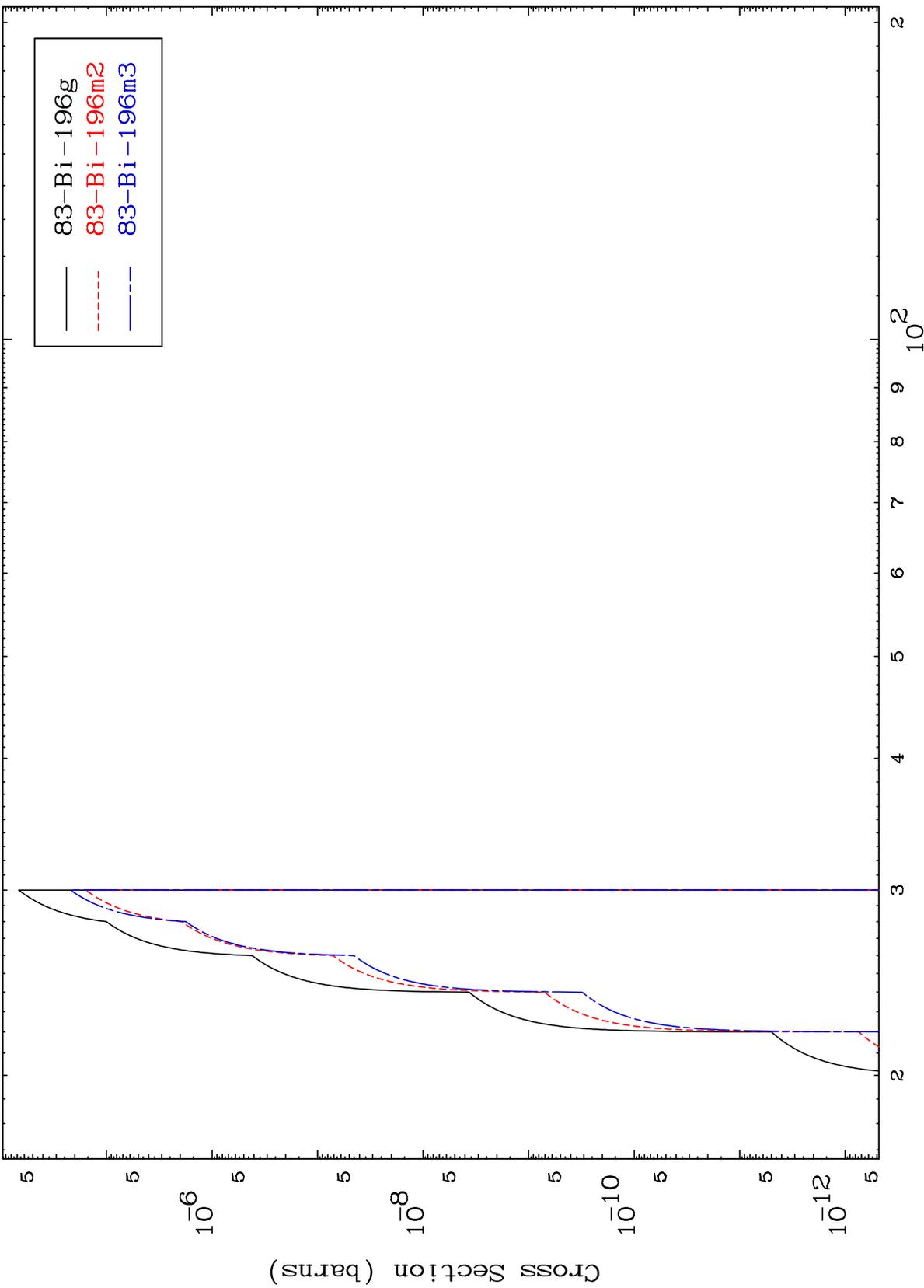
Incident Energy (MeV)

15

MAT 8195

82-Pb-194

(n,d)
Radionuclide Production Cross Section



16

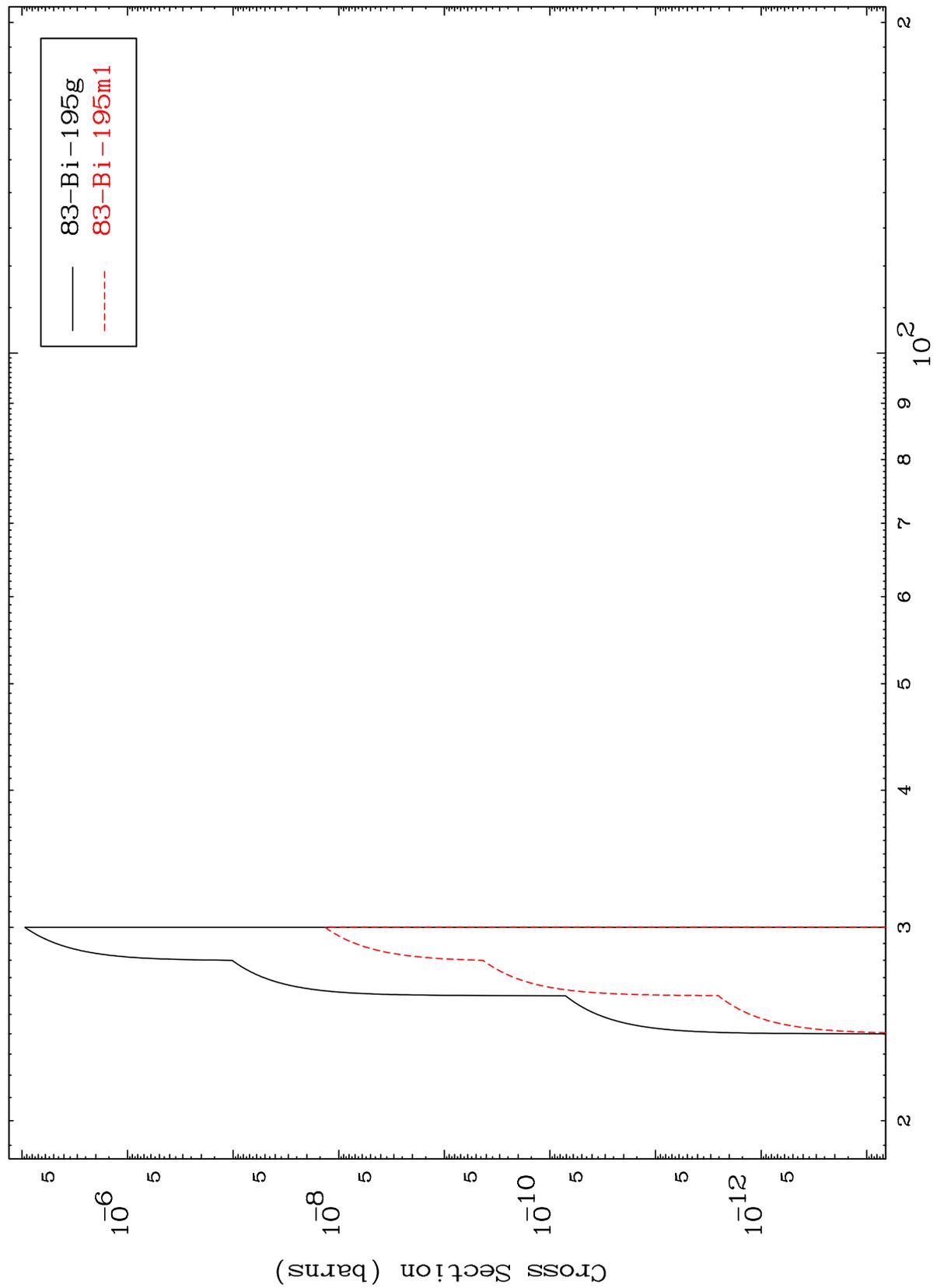
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

(n,t)
Radionuclide Production Cross Section



17

82-Pb-194

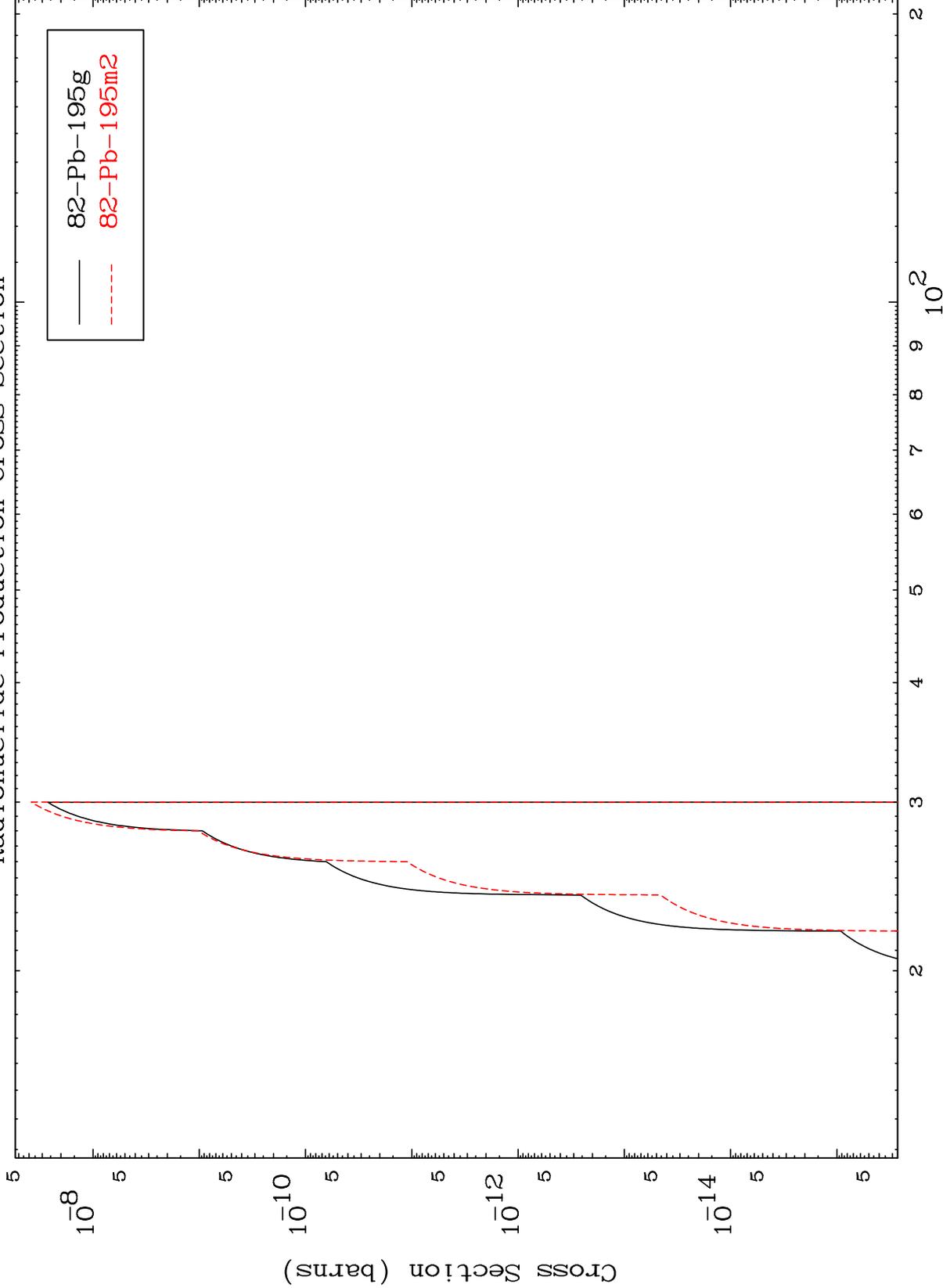
Incident Energy (MeV)

MAT 8195

(n,He-3)

82-Pb-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

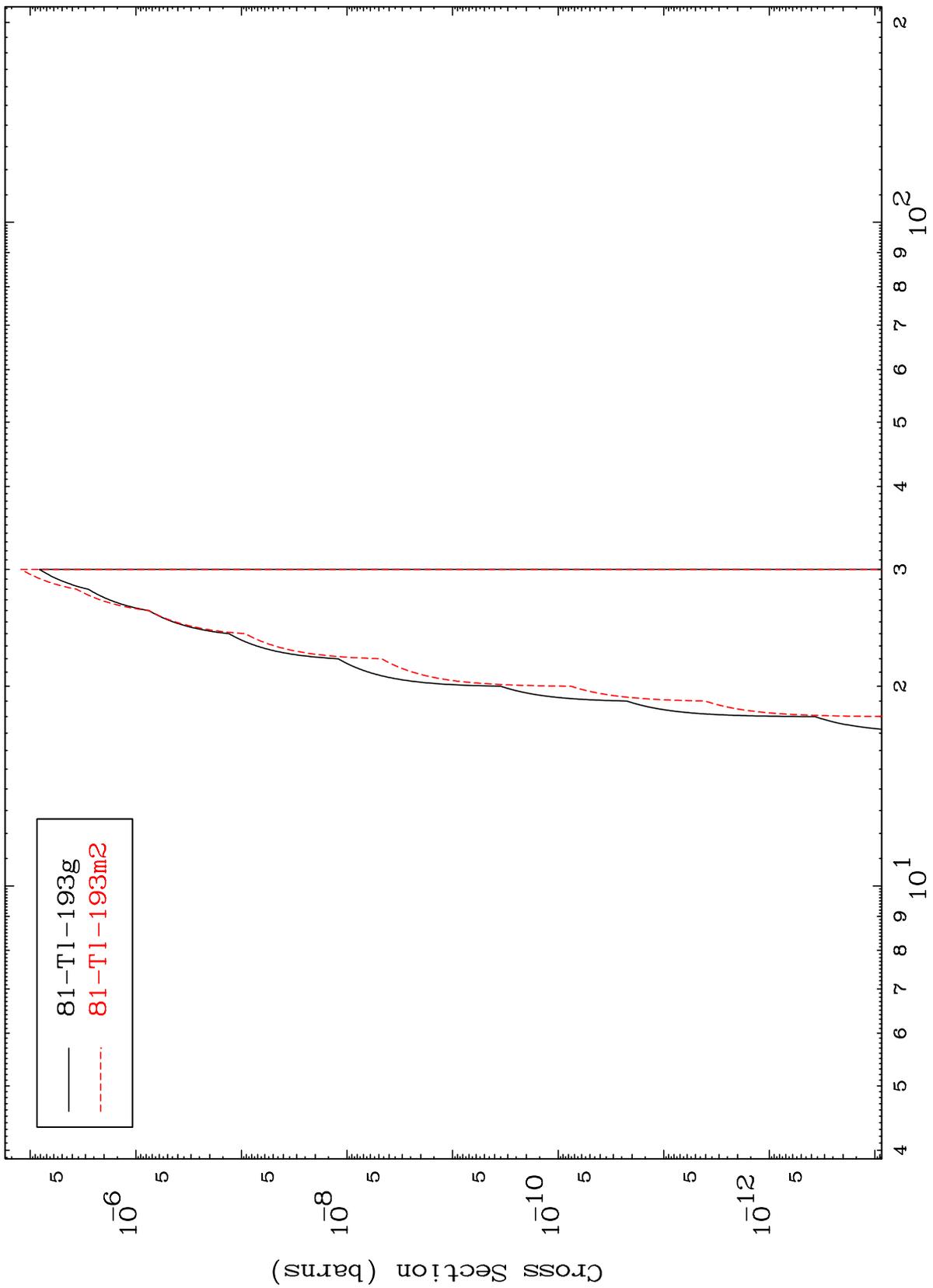
82-Pb-194

MAT 8195

(n,p) α

82-Pb-194

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

82-Pb-194