

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

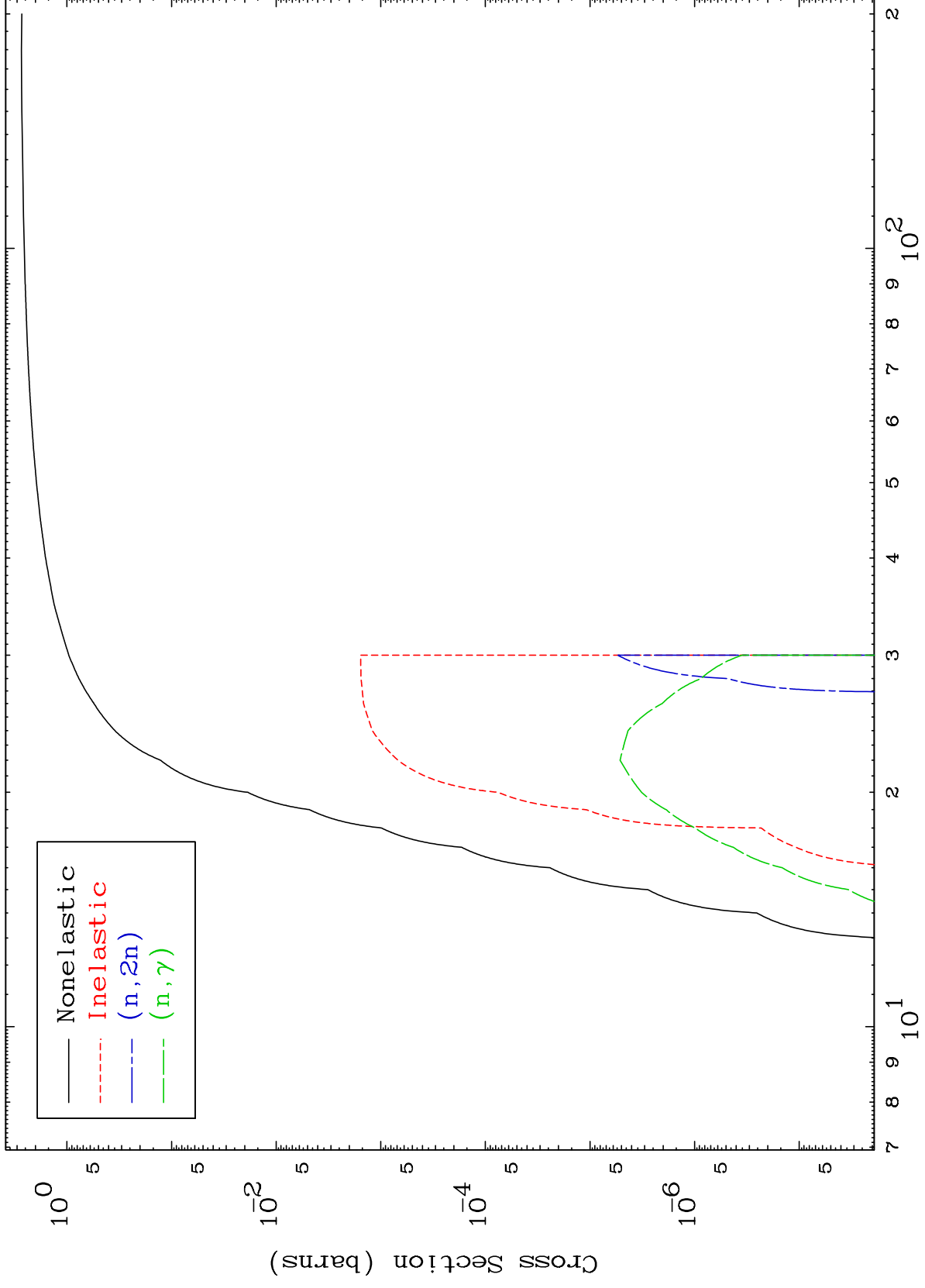
Press Mouse Button to Start

MAT 8392

α Major

84-Po-195

0 Kelvin Cross Sections

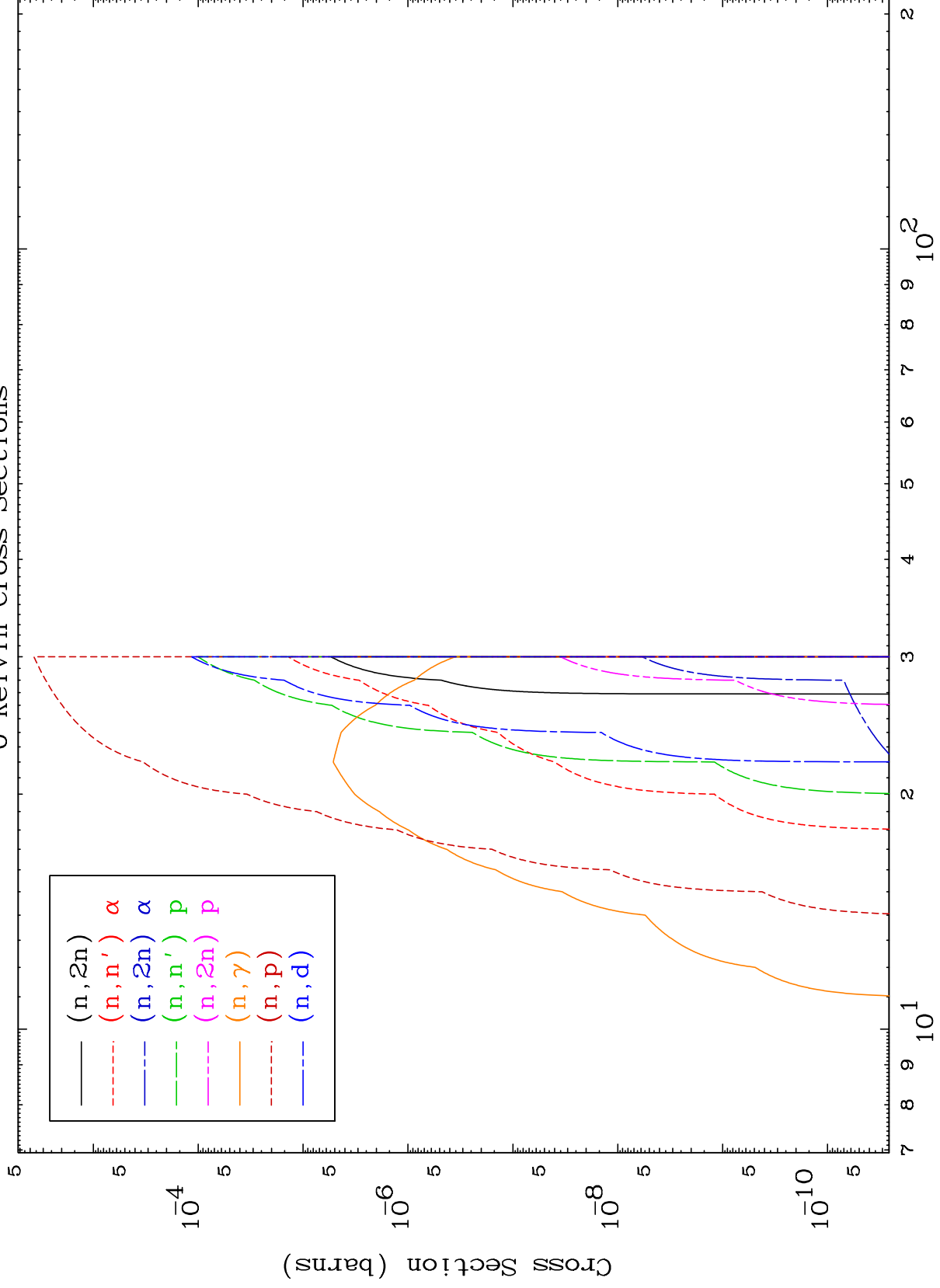


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

1

Incident Energy (MeV)

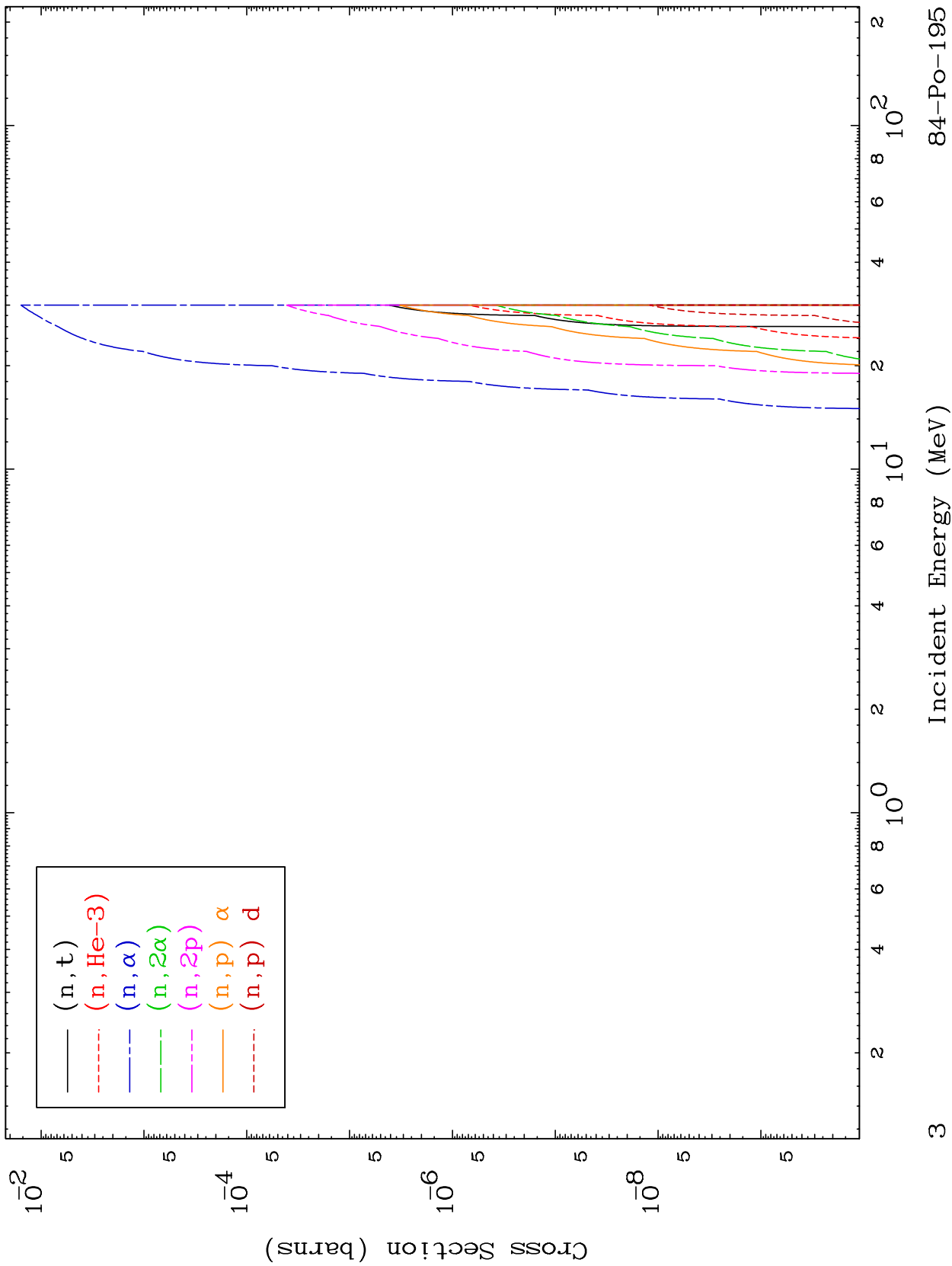
84-Po-195

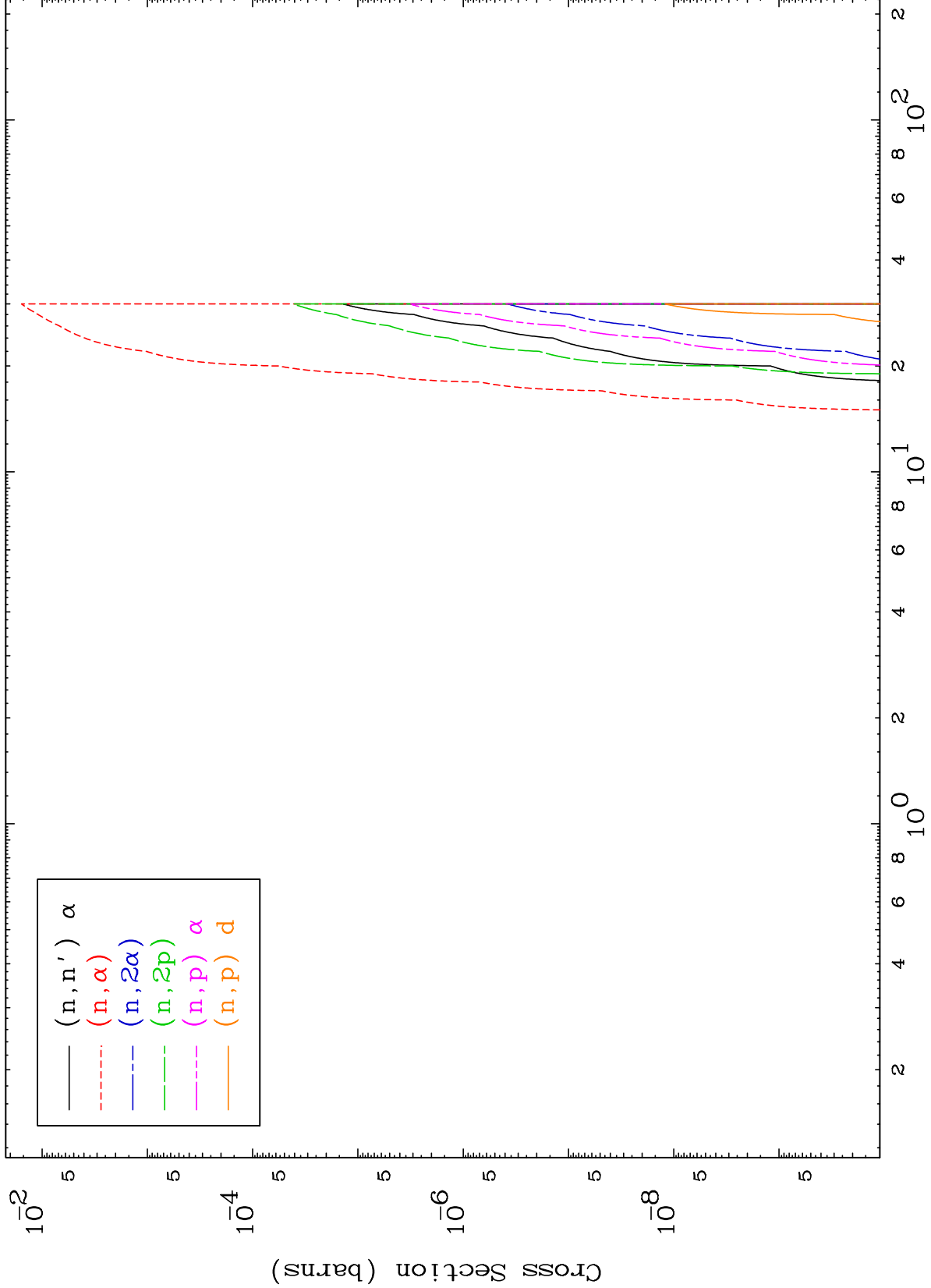


MAT 8392

α Neutron Absorption
0 Kelvin Cross Sections

84-Po-195

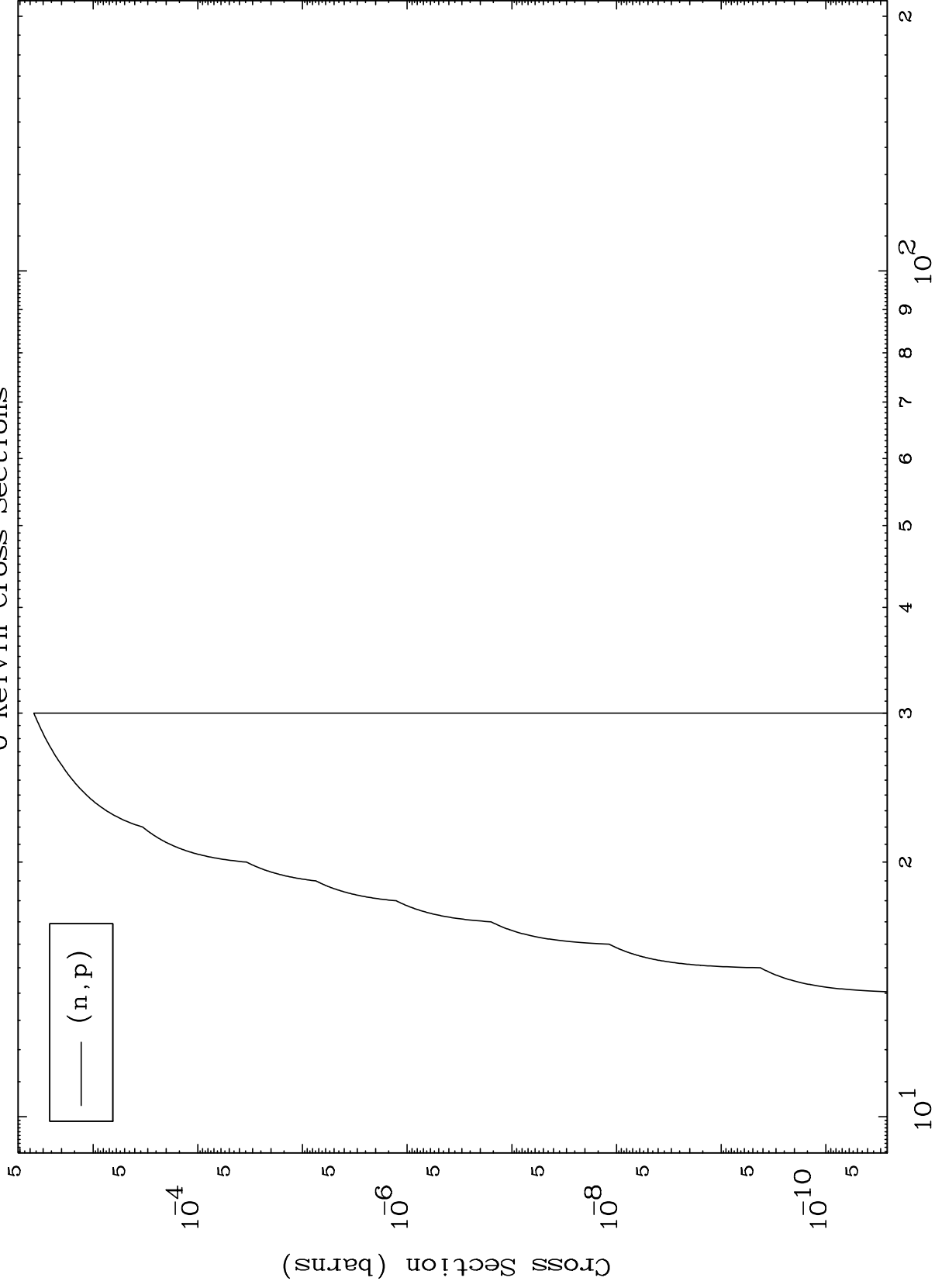




MAT 8392

(α, p) Levels
0 Kelvin Cross Sections

84-Po-195



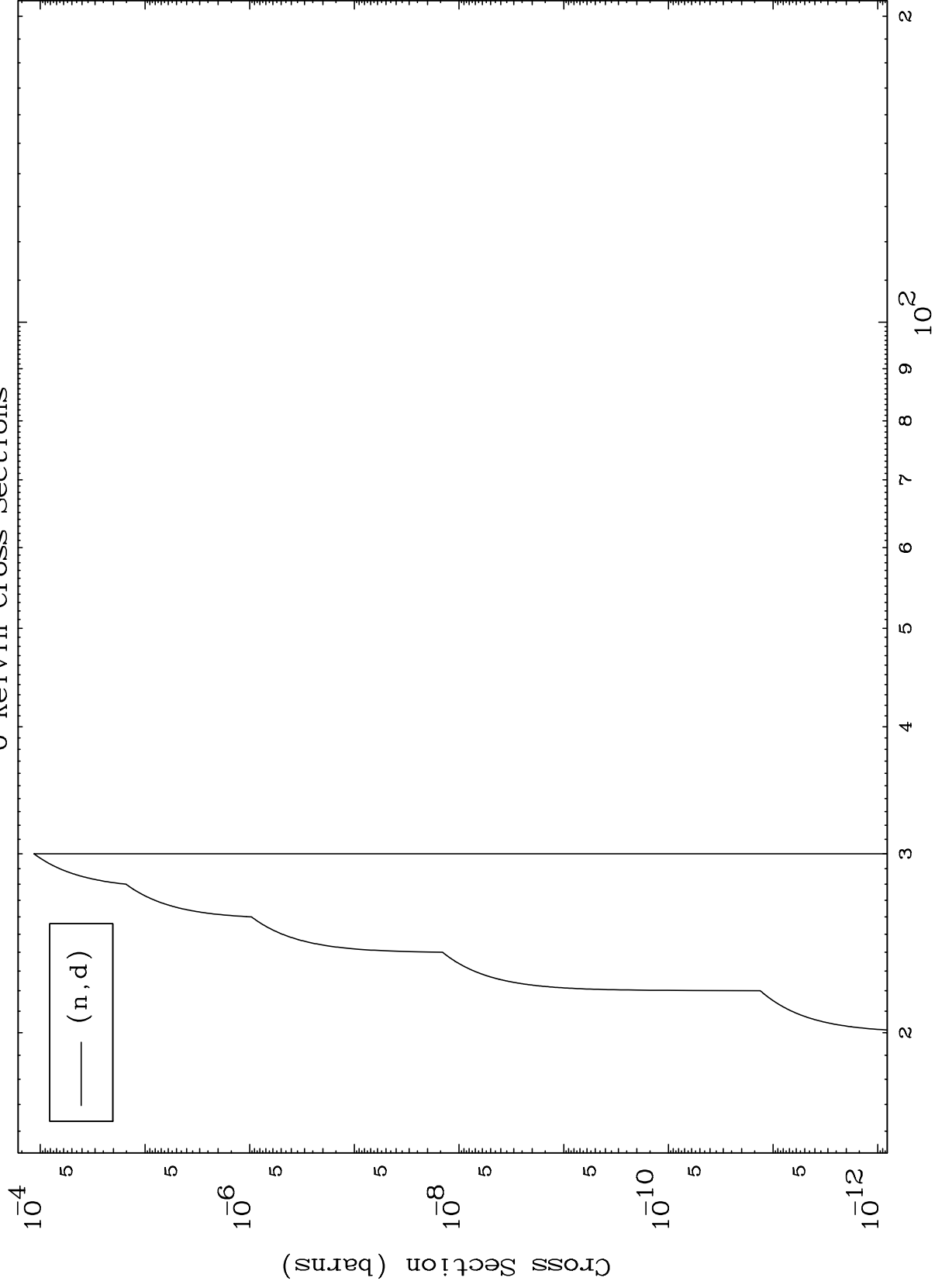
Incident Energy (MeV)

84-Po-195

MAT 8392

(α, d) Levels
0 Kelvin Cross Sections

84-Po-195



7

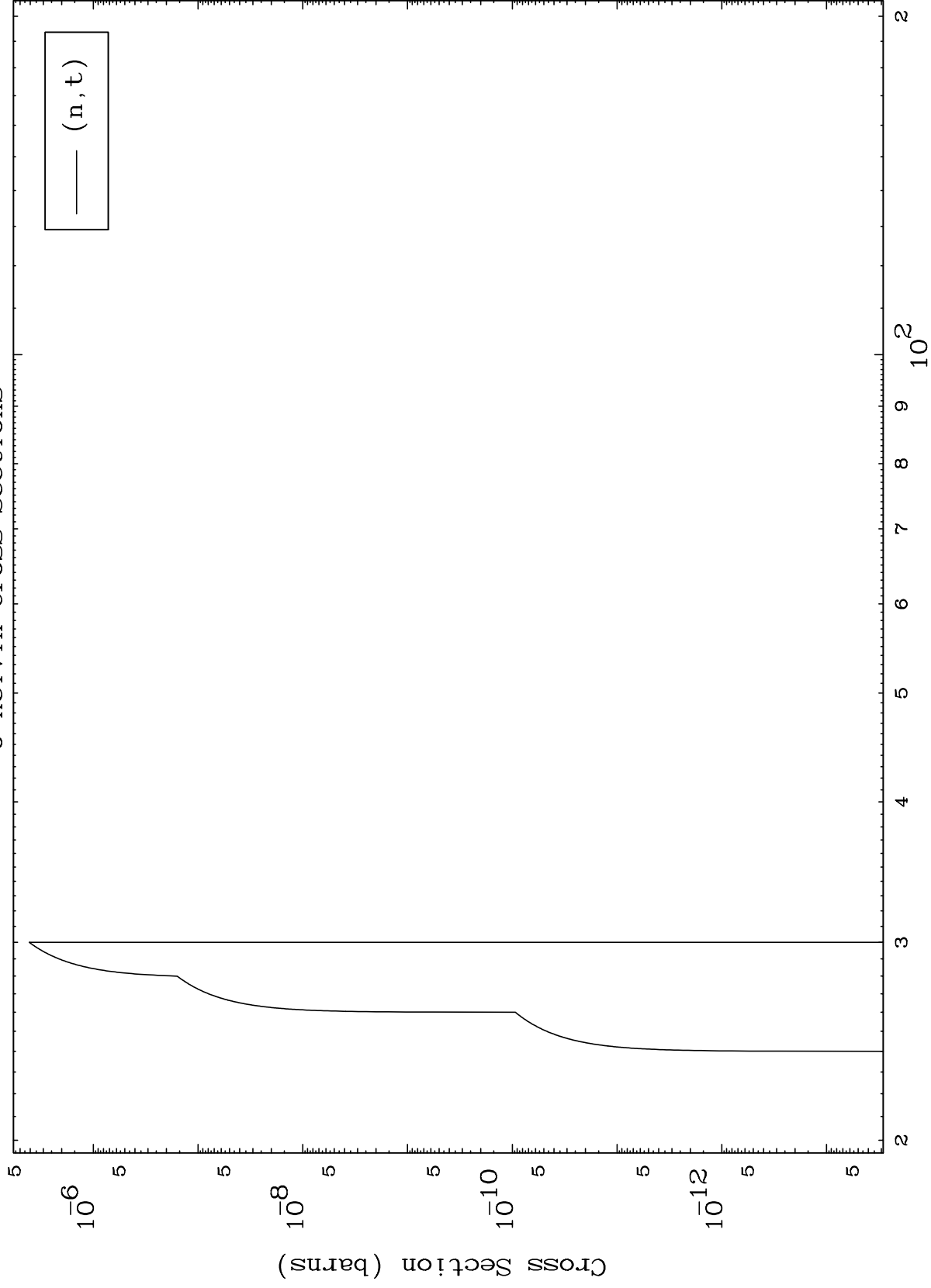
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

(α, t) Levels
0 Kelvin Cross Sections



84-Po-195

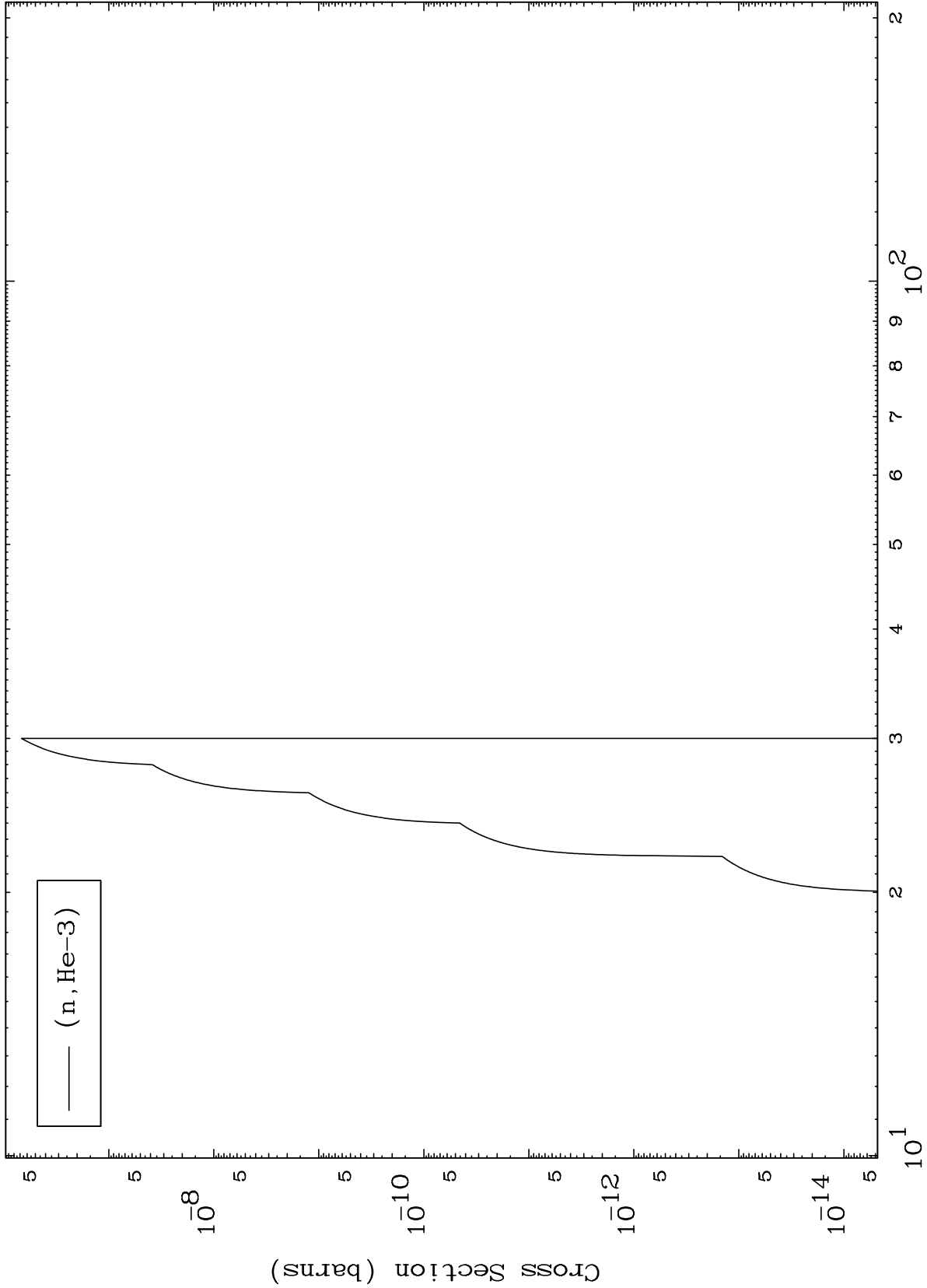
Incident Energy (MeV)

8

MAT 8392

84-Po-195

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



84-Po-195

Incident Energy (MeV)

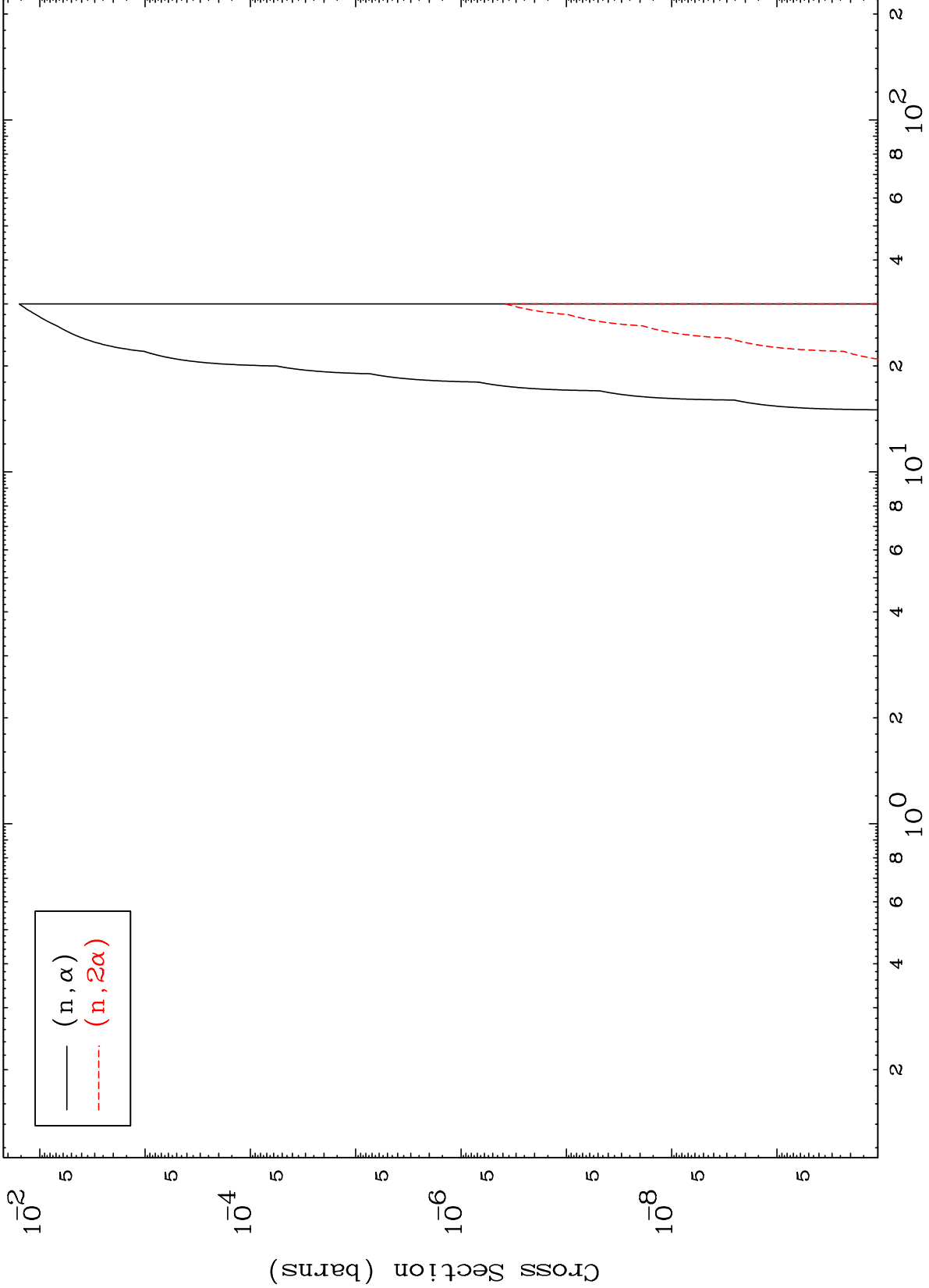
9

MAT 8392

(α, α) Levels

84-Po-195

0 Kelvin Cross Sections



10

Incident Energy (MeV)

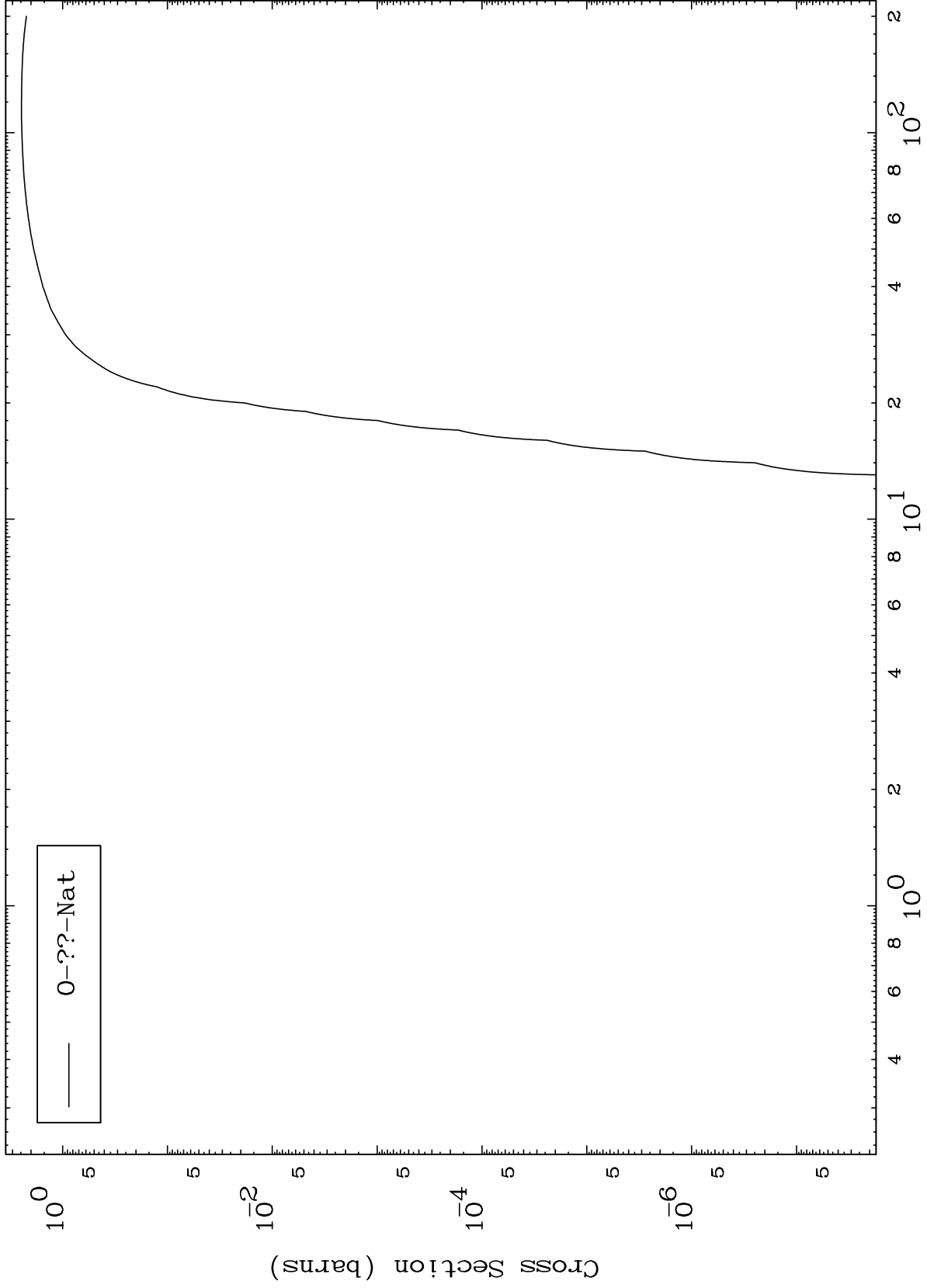
84-Po-195

MAT 8392

Fission

84-Po-195

Radionuclide Production Cross Section

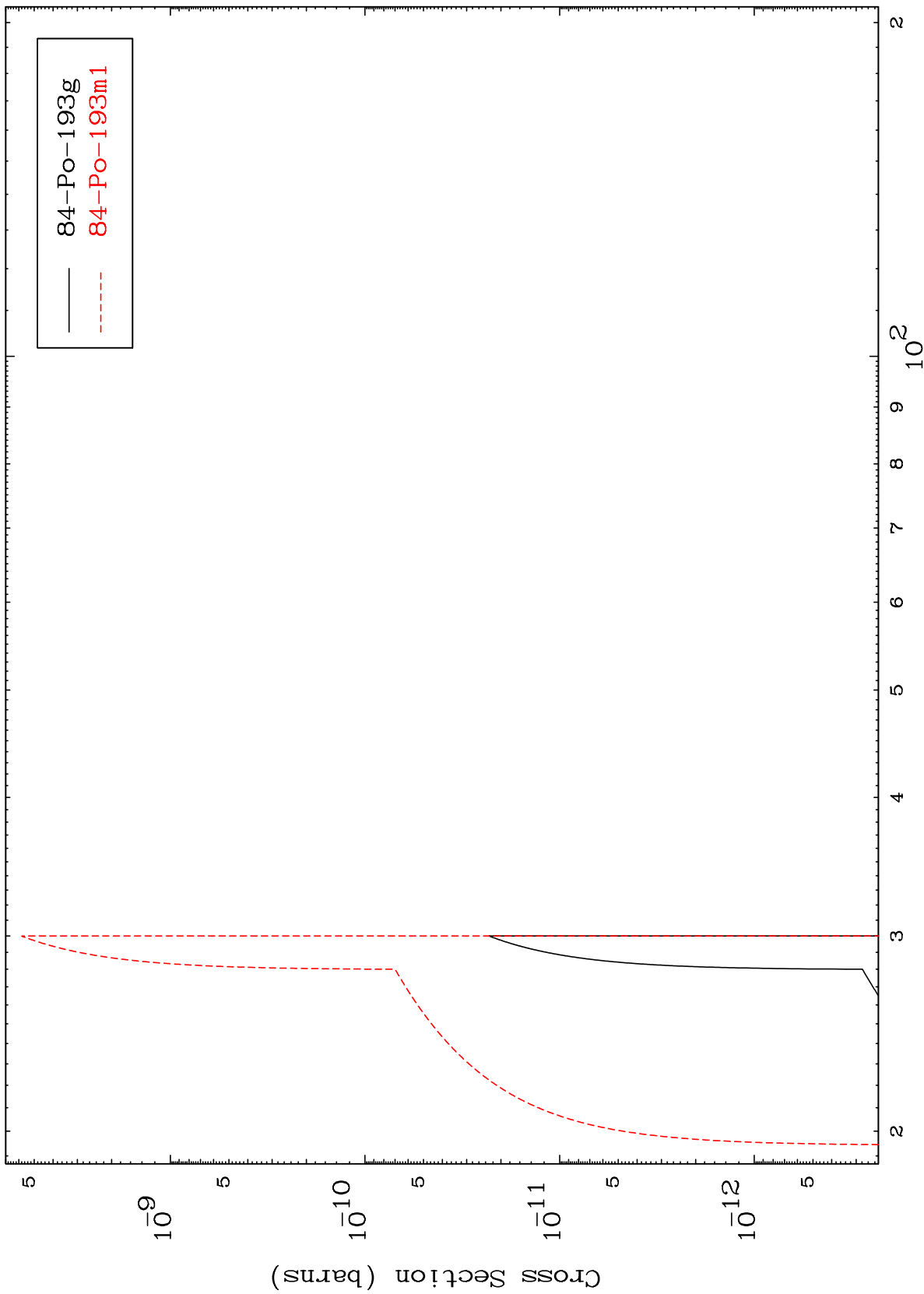


MAT 8392

$(n,2n) \alpha$

84-Po-195

Radionuclide Production Cross Section



12

Incident Energy (MeV)

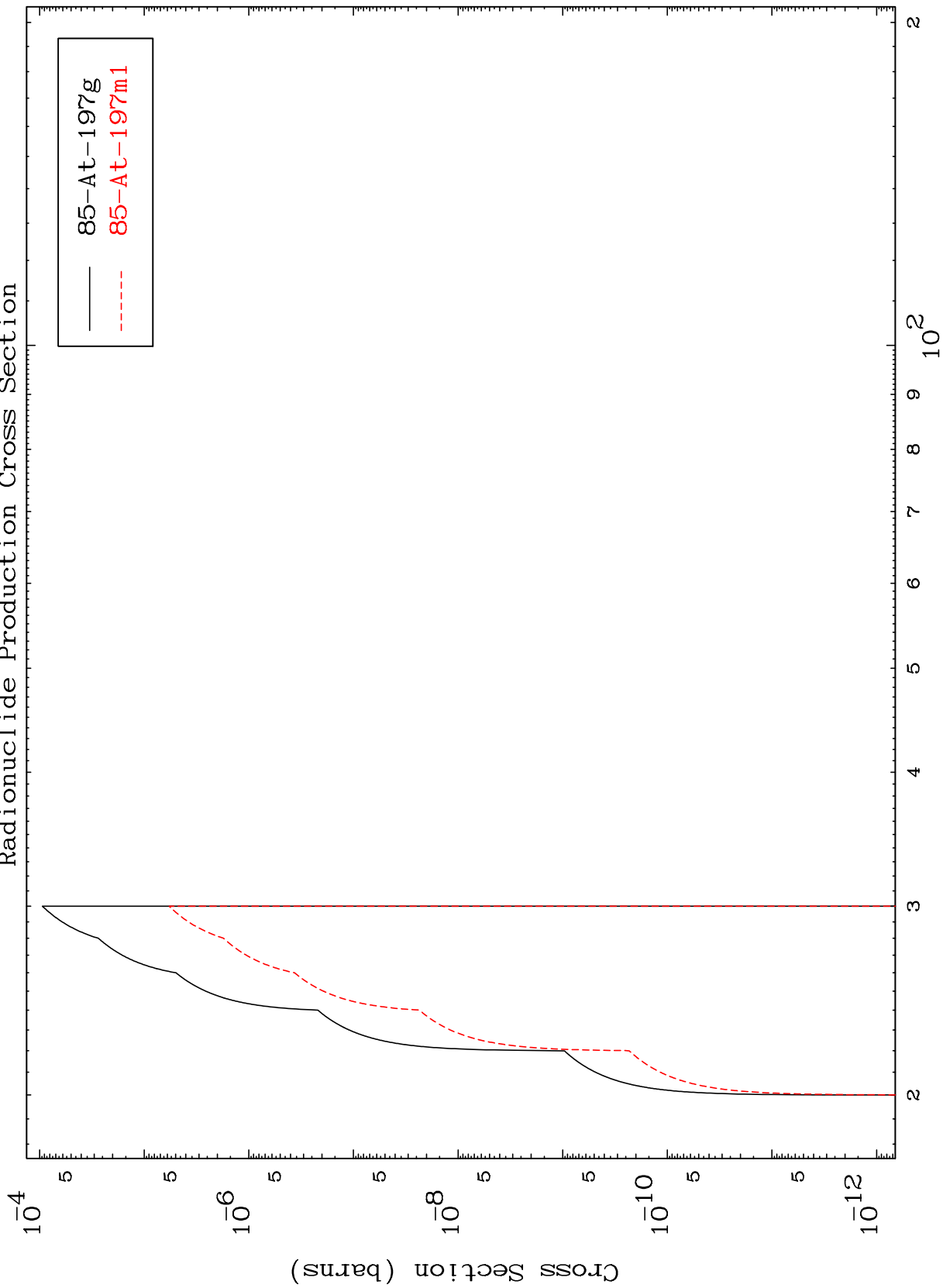
84-Po-195

MAT 8392

(n,n') p

84-Po-195

Radionuclide Production Cross Section



13

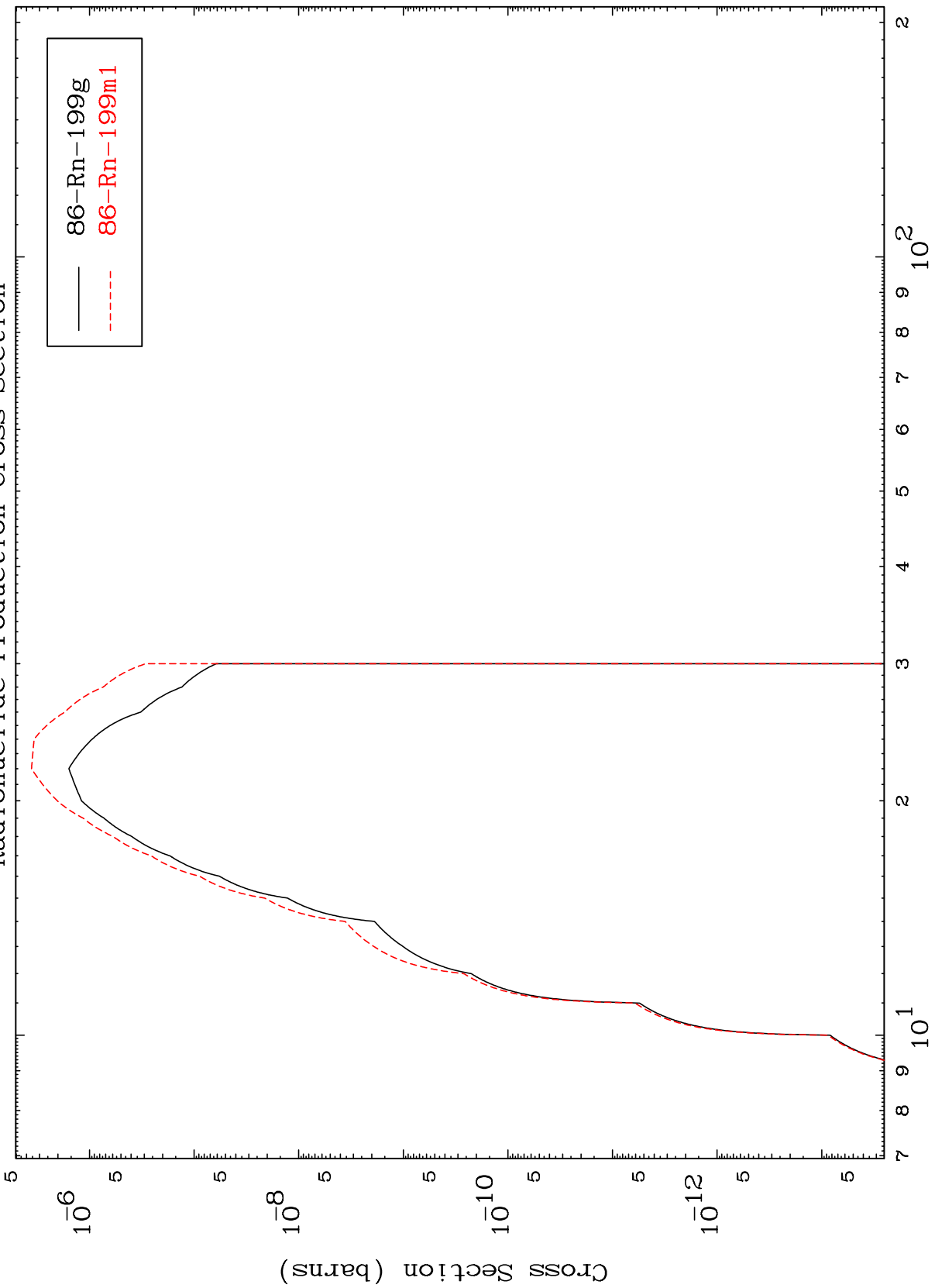
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

(n,γ)
Radionuclide Production Cross Section



14

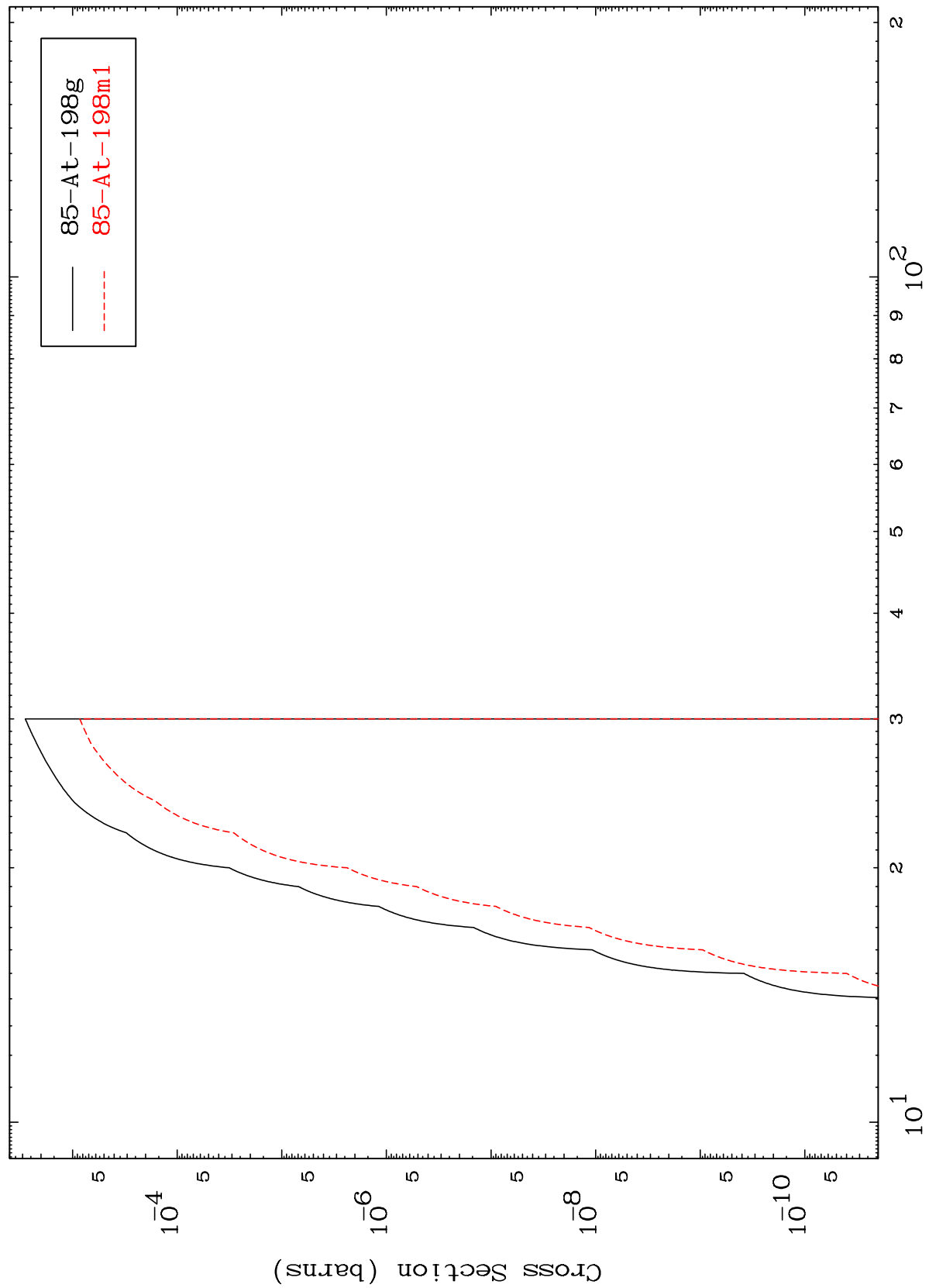
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

(n,p)
Radionuclide Production Cross Section



84-Po-195

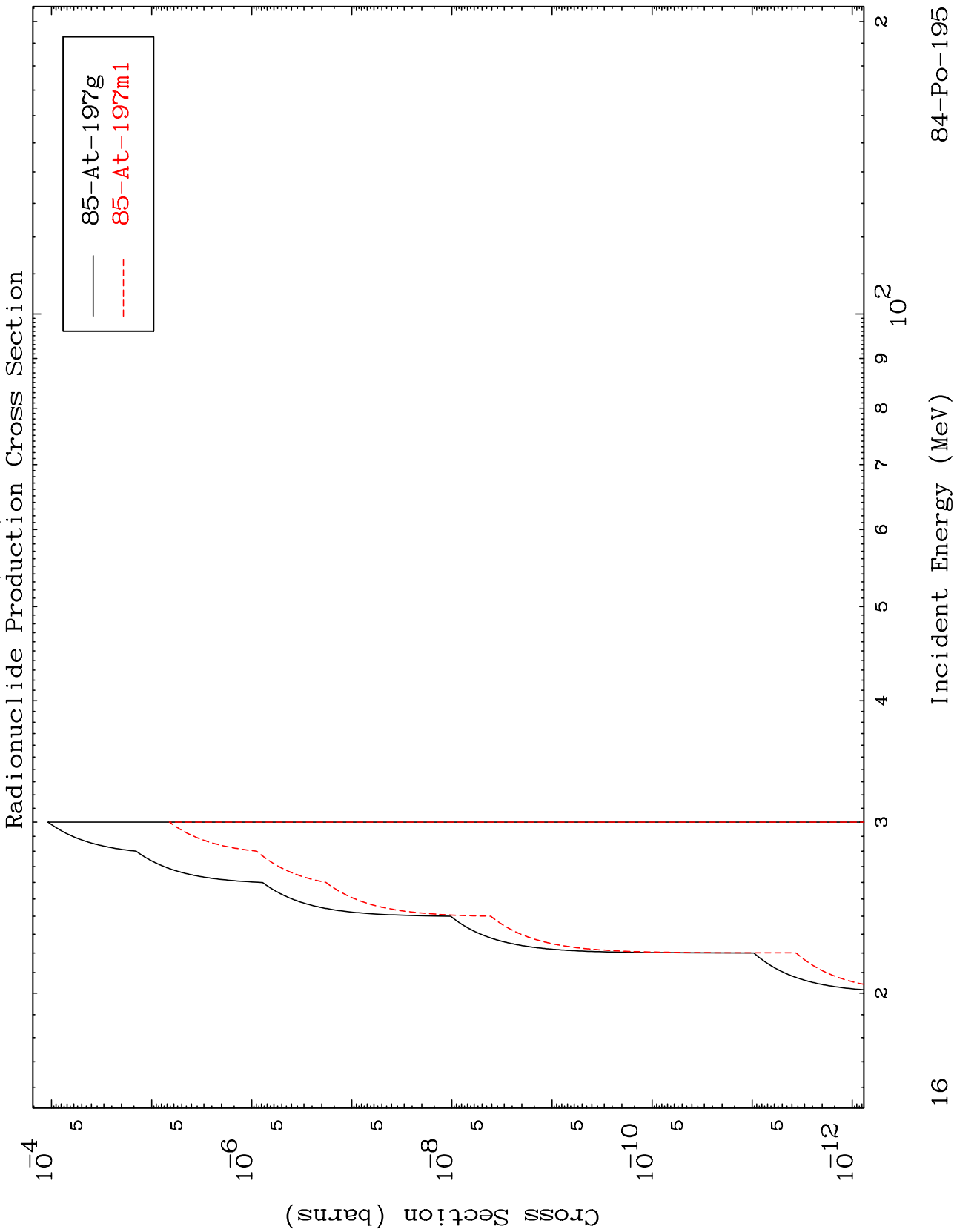
Incident Energy (MeV)

15

MAT 8392

(n,d)

84-Po-195



16

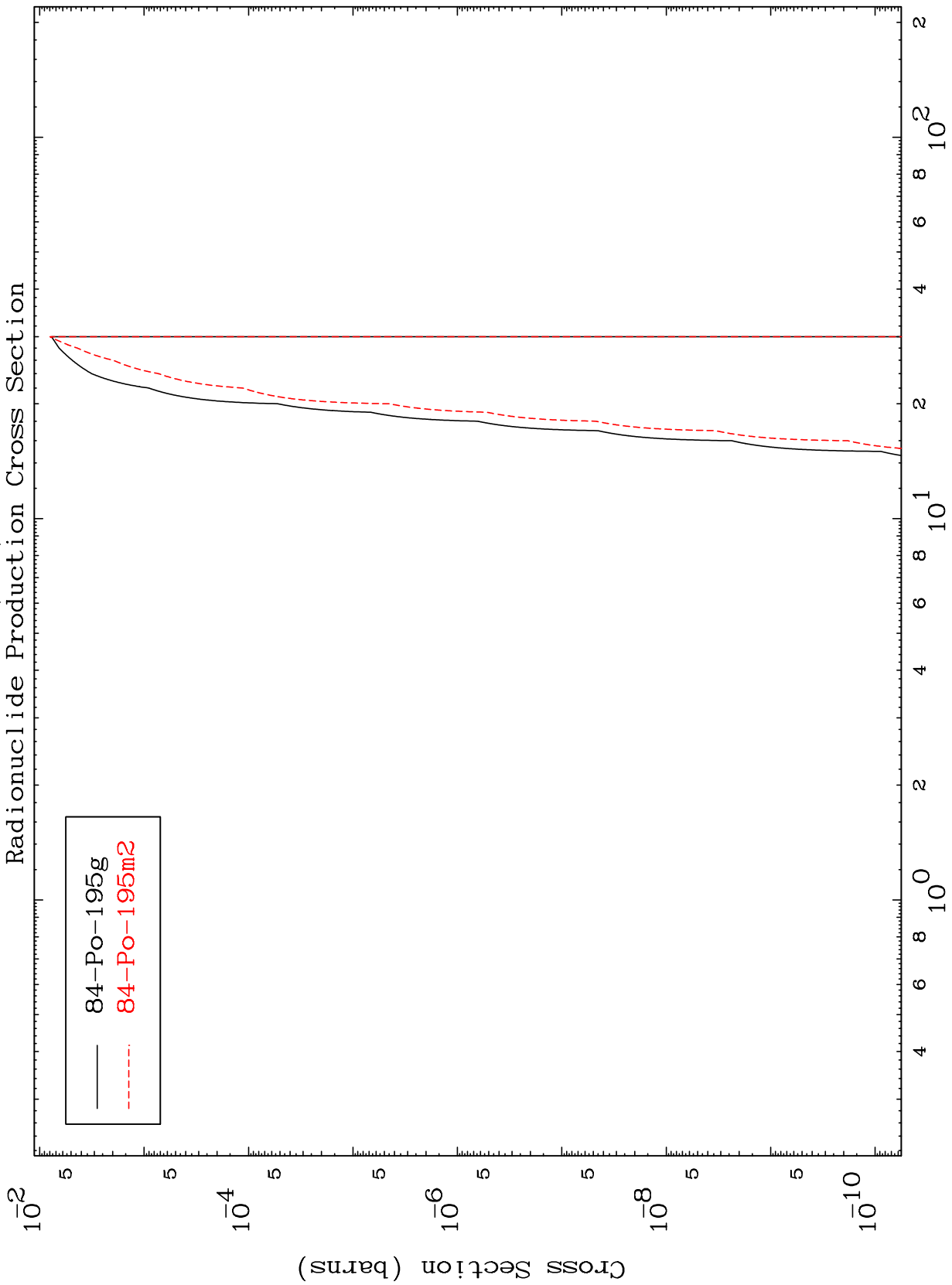
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

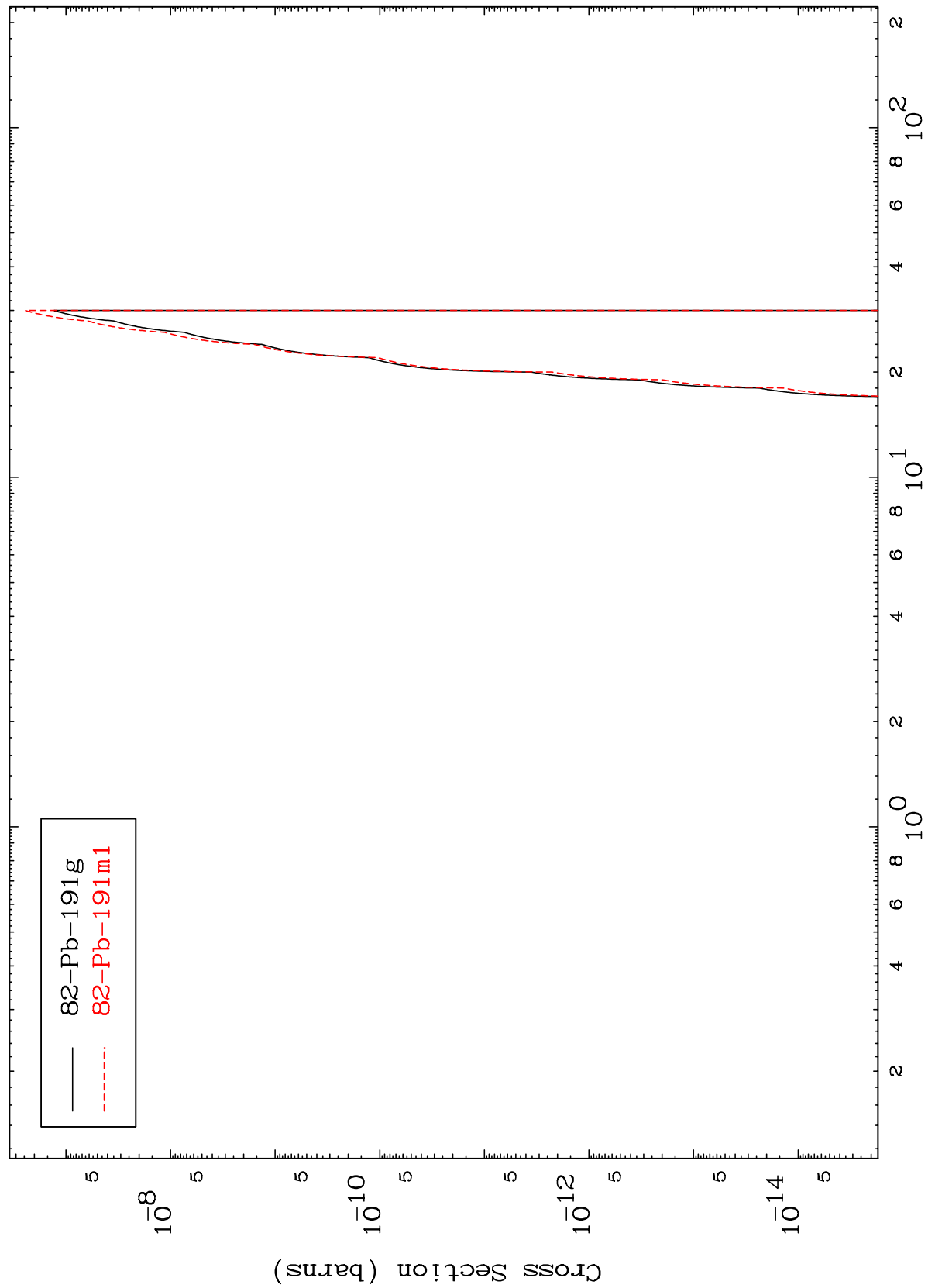
(n, α)
Radionuclide Production Cross Section



MAT 8392

84-Po-195

Radionuclide Production Cross Section
(n,2 α)

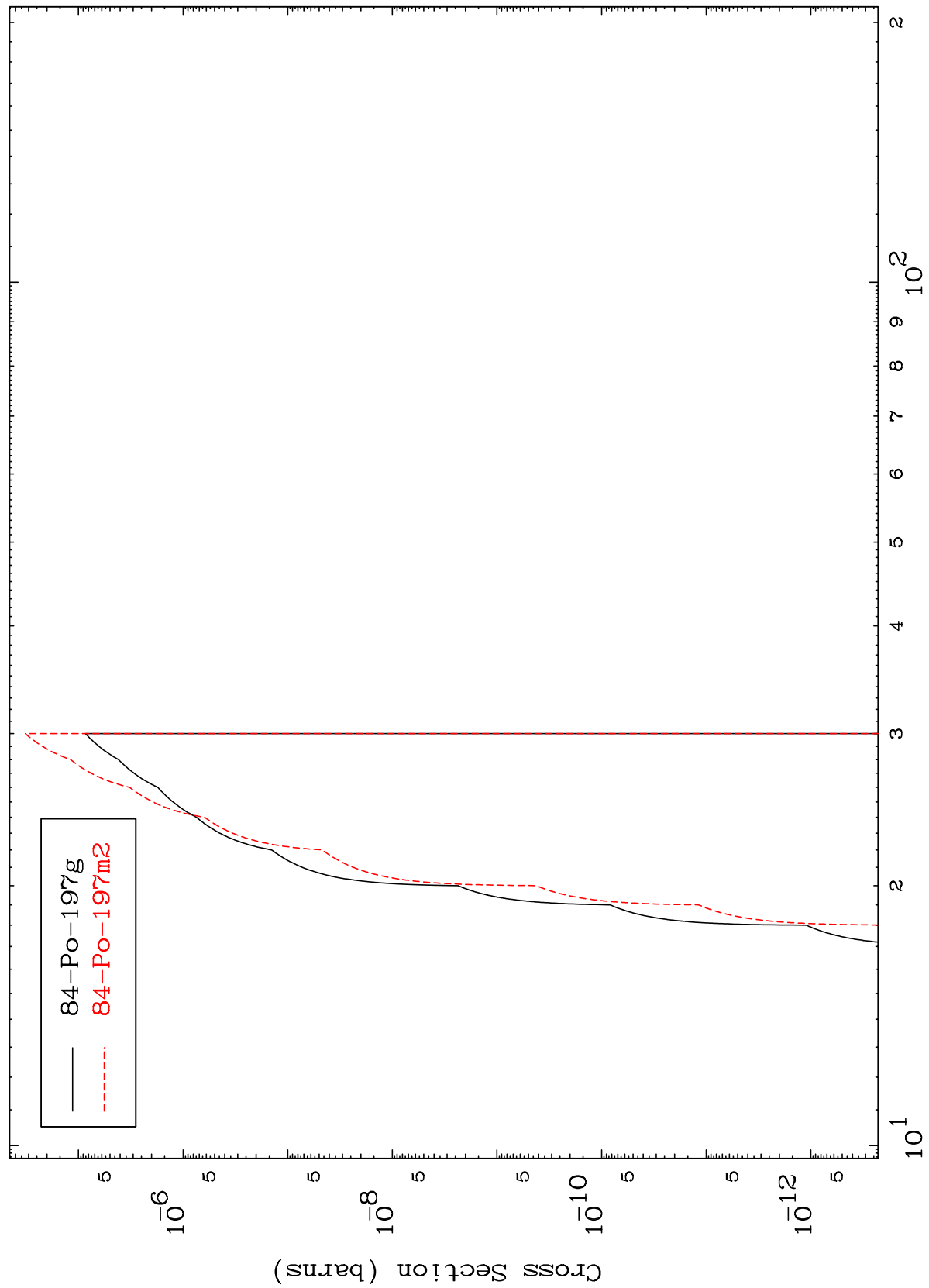


82-Pb-191g
82-Pb-191m1

MAT 8392

84-Po-195

(n,2p)
Radionuclide Production Cross Section



84-Po-197g
84-Po-197m2

84-Po-195

Incident Energy (MeV)

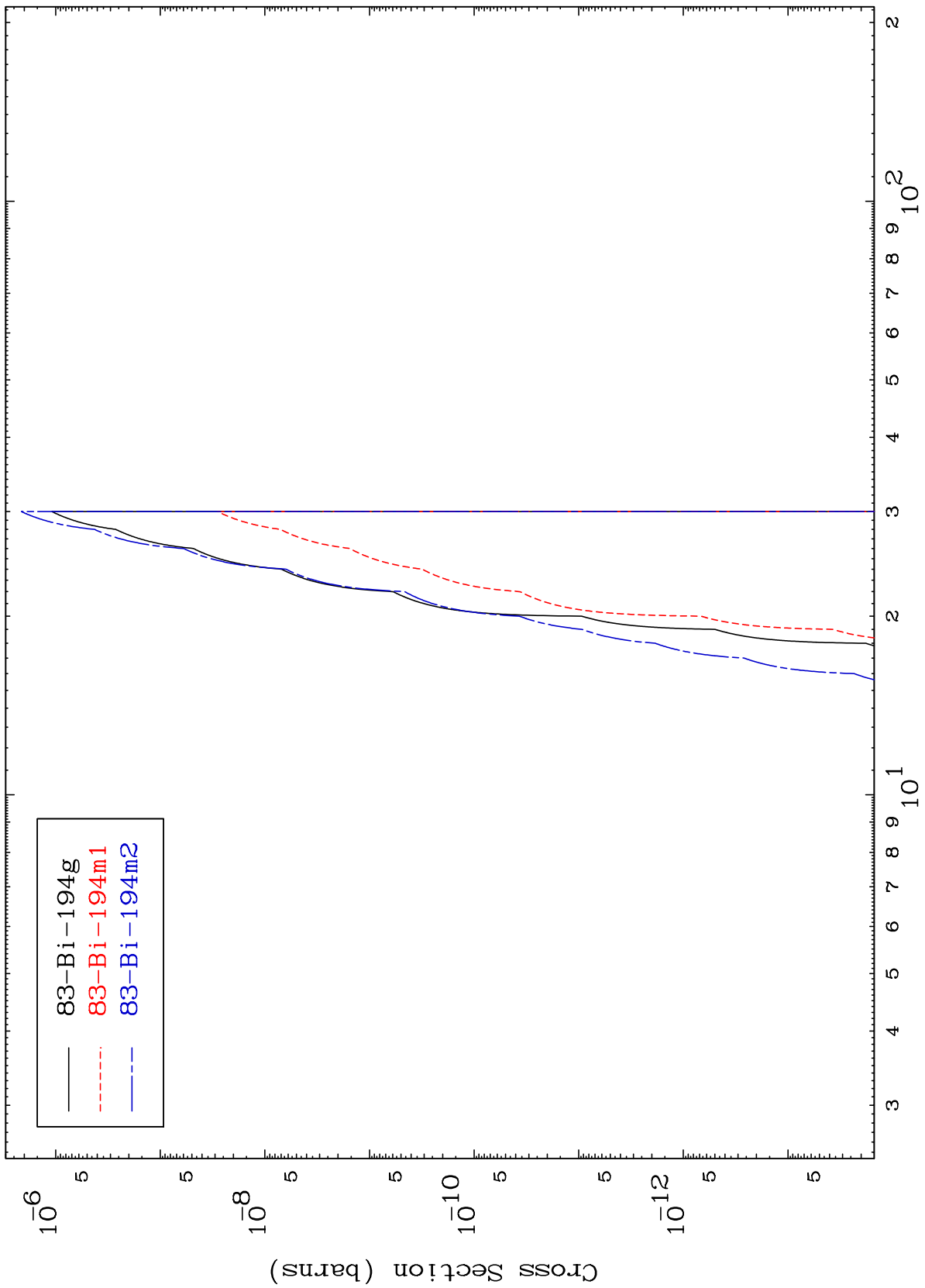
19

MAT 8392

(n,p) α

84-Po-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

84-Po-195