

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

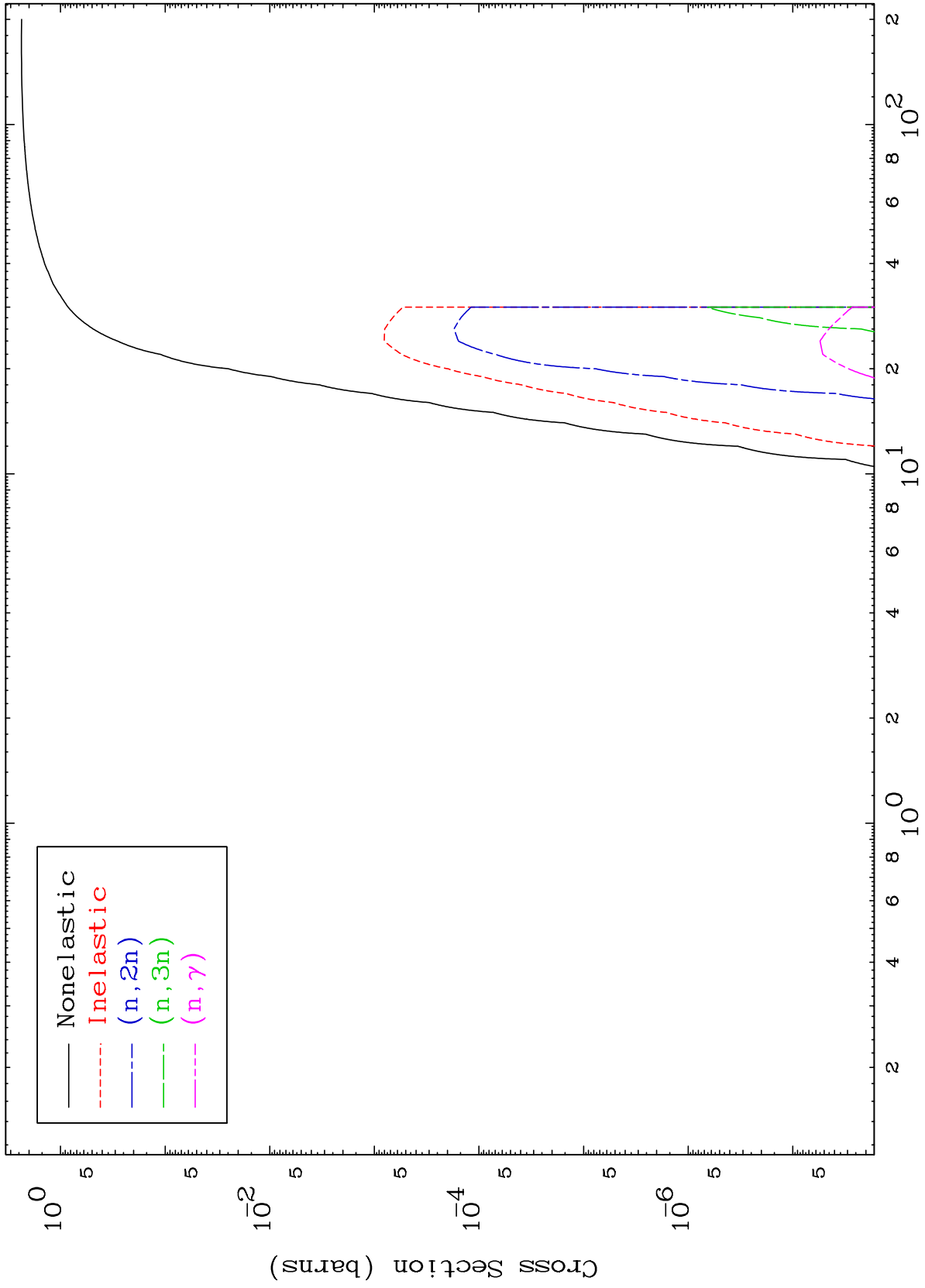
Press Mouse Button to Start

MAT 8284

He-3 Major

83-Bi-195m

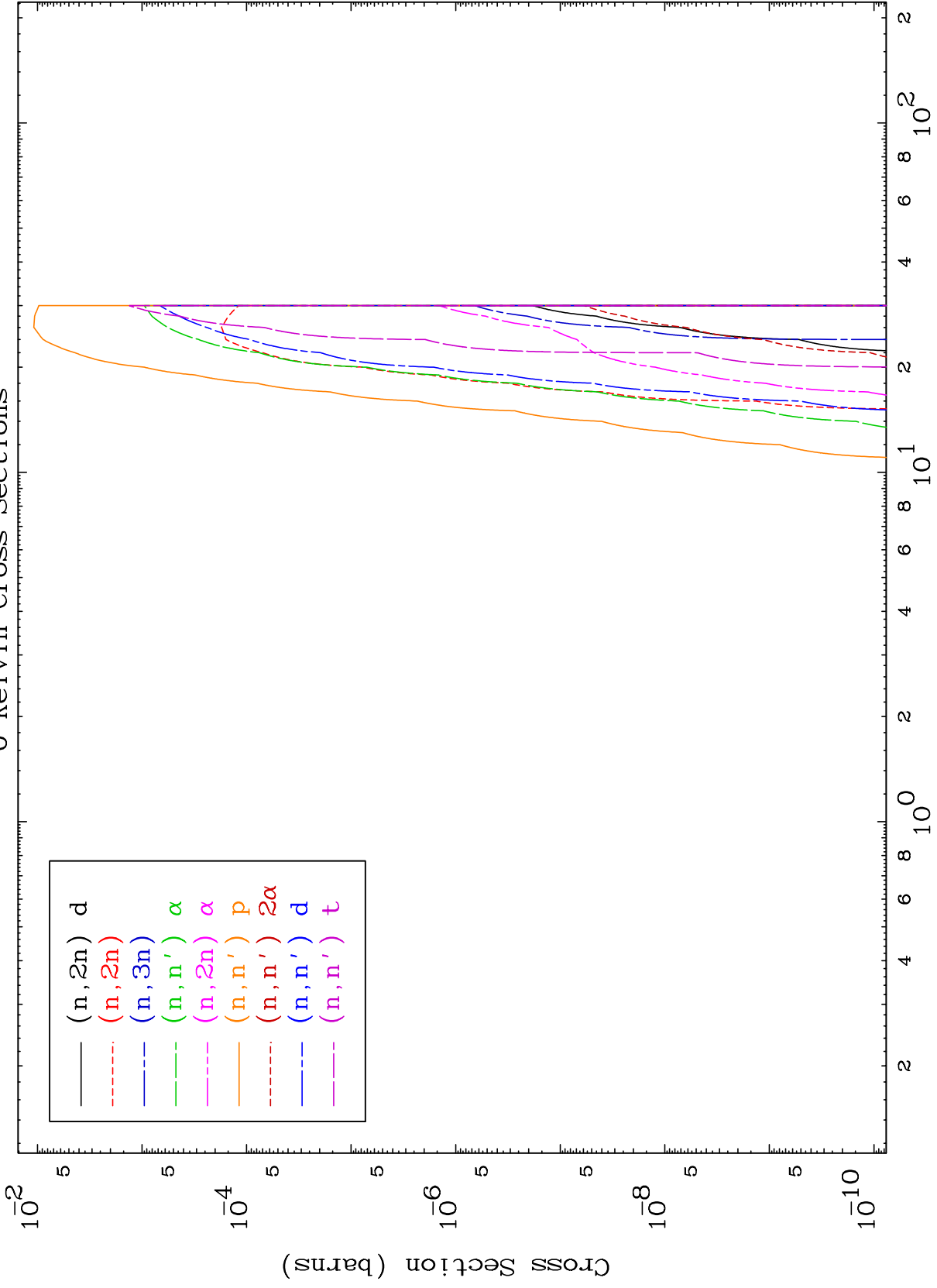
0 Kelvin Cross Sections



MAT 8284

He-3 Neutron Absorption
0 Kelvin Cross Sections

83-Bi-195m



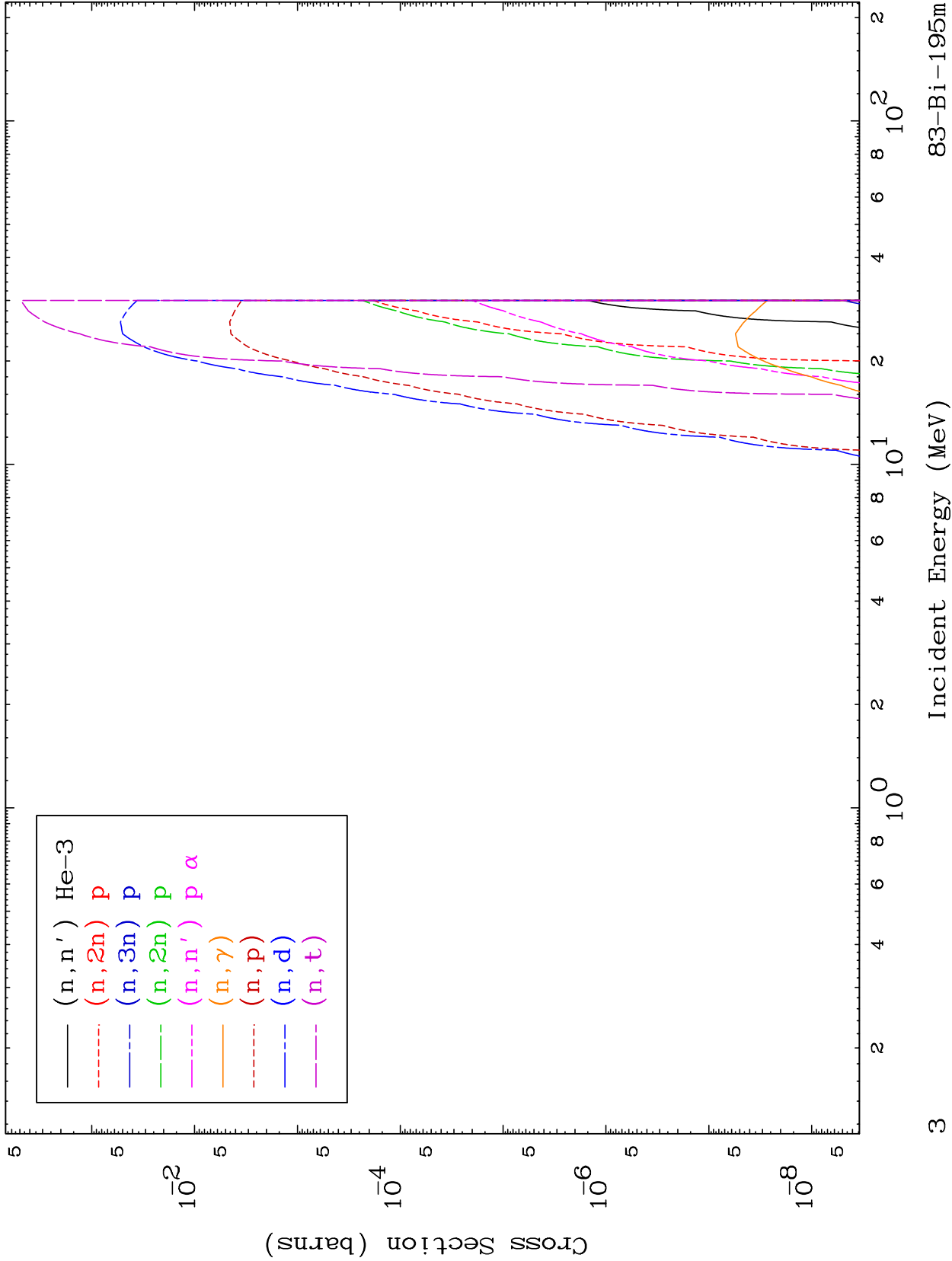
83-Bi-195m

Incident Energy (MeV)

MAT 8284

He-3 Neutron Absorption
0 Kelvin Cross Sections

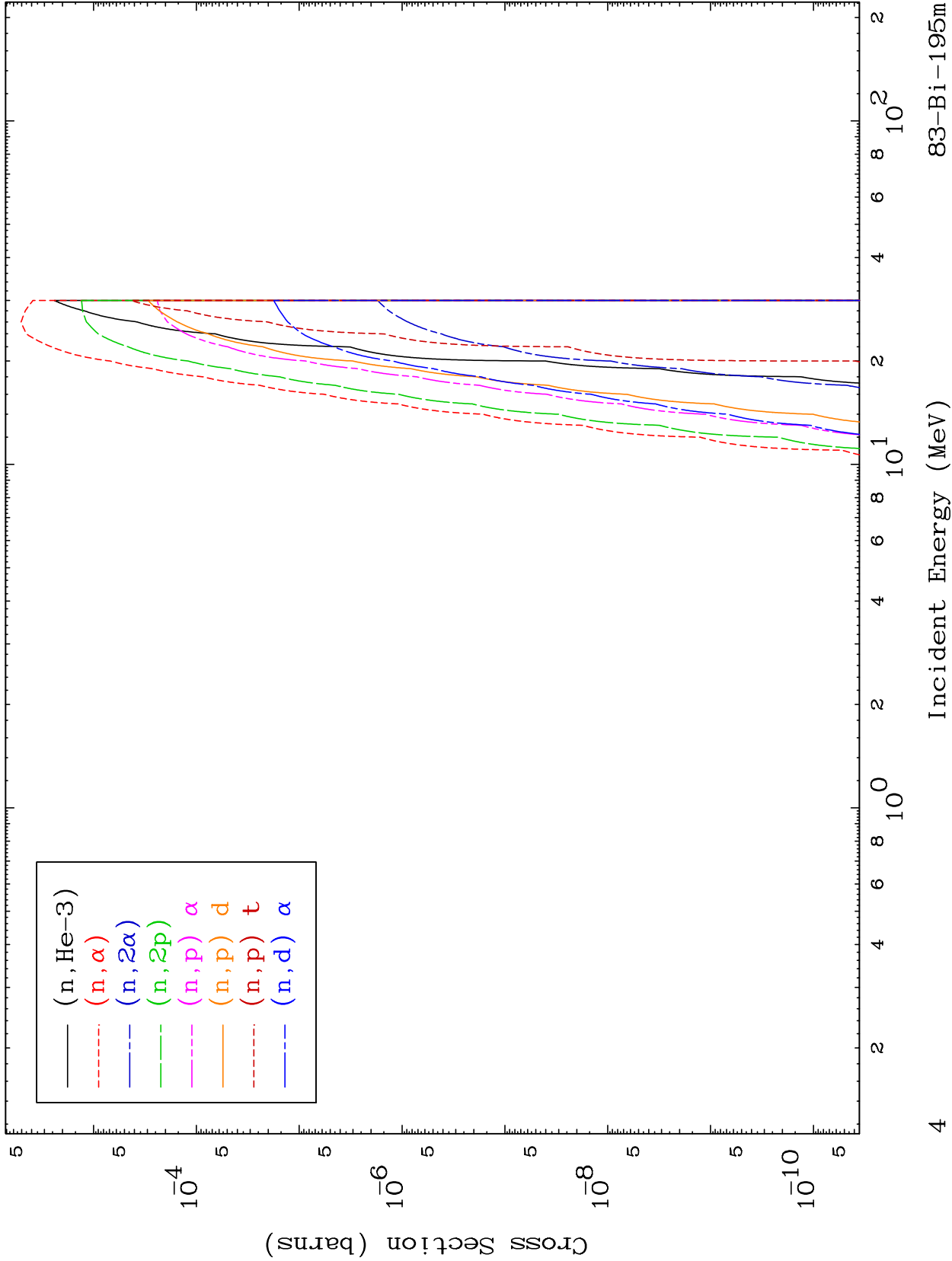
83-Bi-195m



MAT 8284

He-3 Neutron Absorption
0 Kelvin Cross Sections

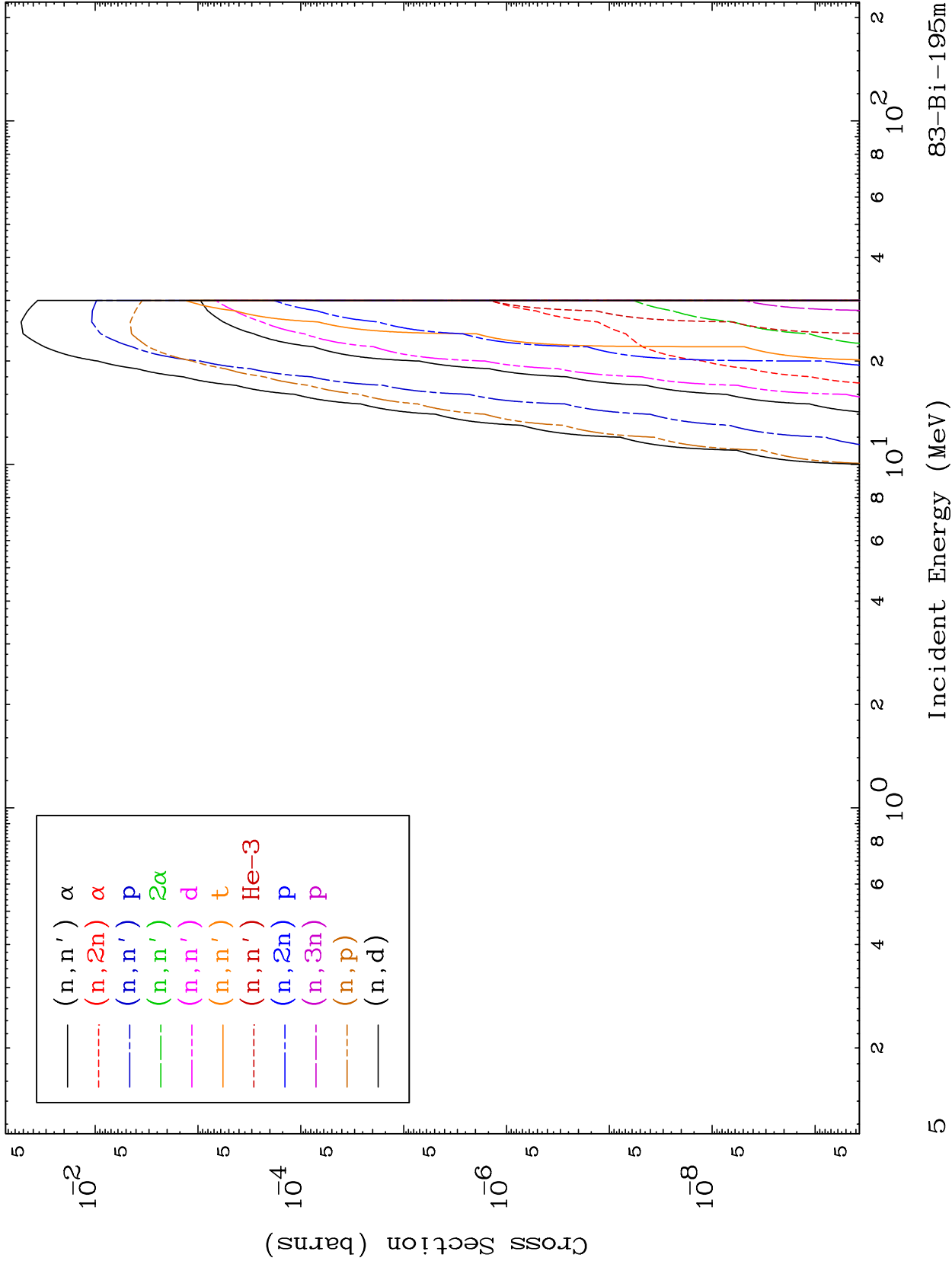
83-Bi-195m



MAT 8284

He-3 Charged Particle
0 Kelvin Cross Sections

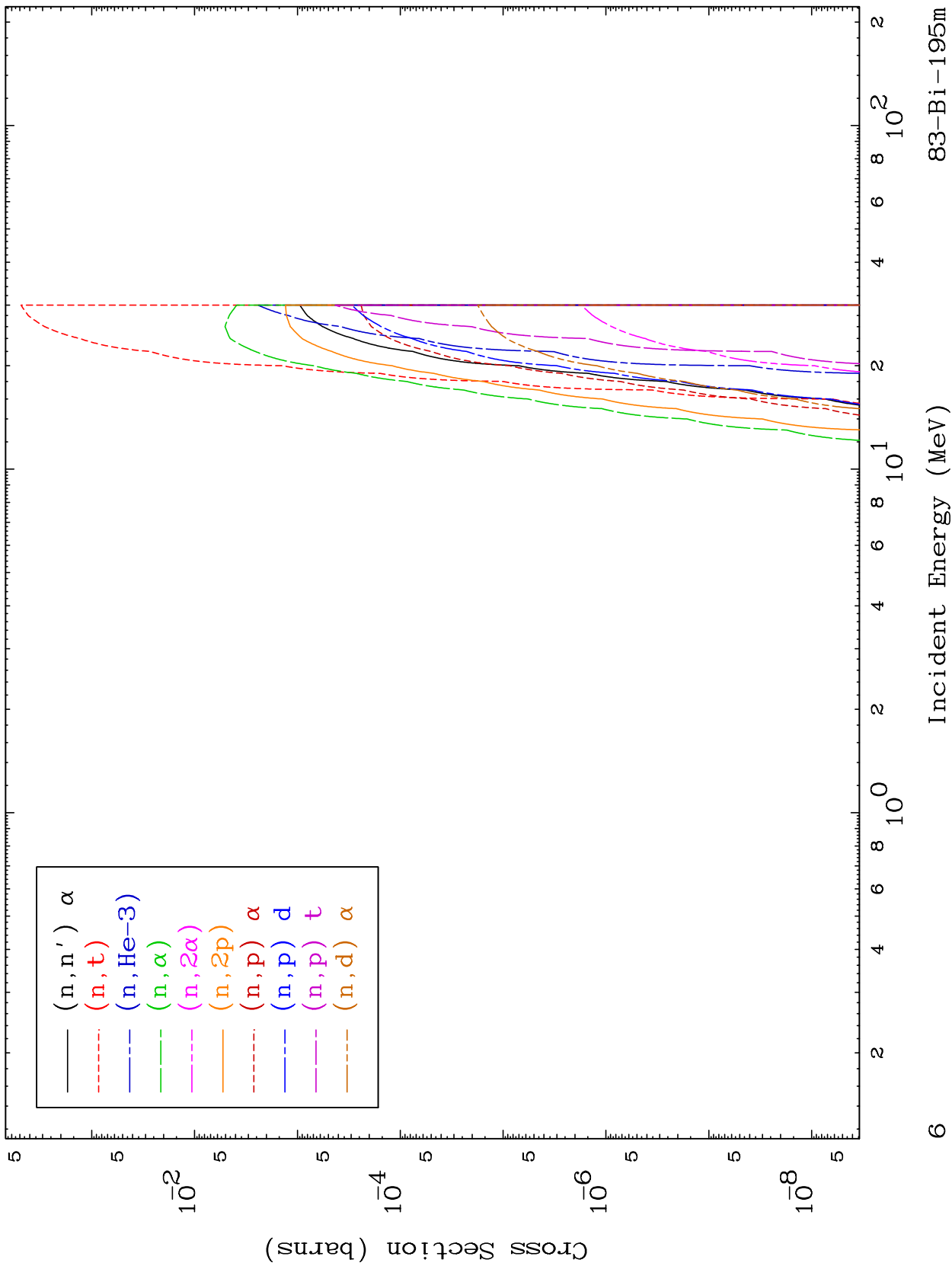
83-Bi-195m



MAT 8284

He-3 Charged Particle
0 Kelvin Cross Sections

83-Bi-195m

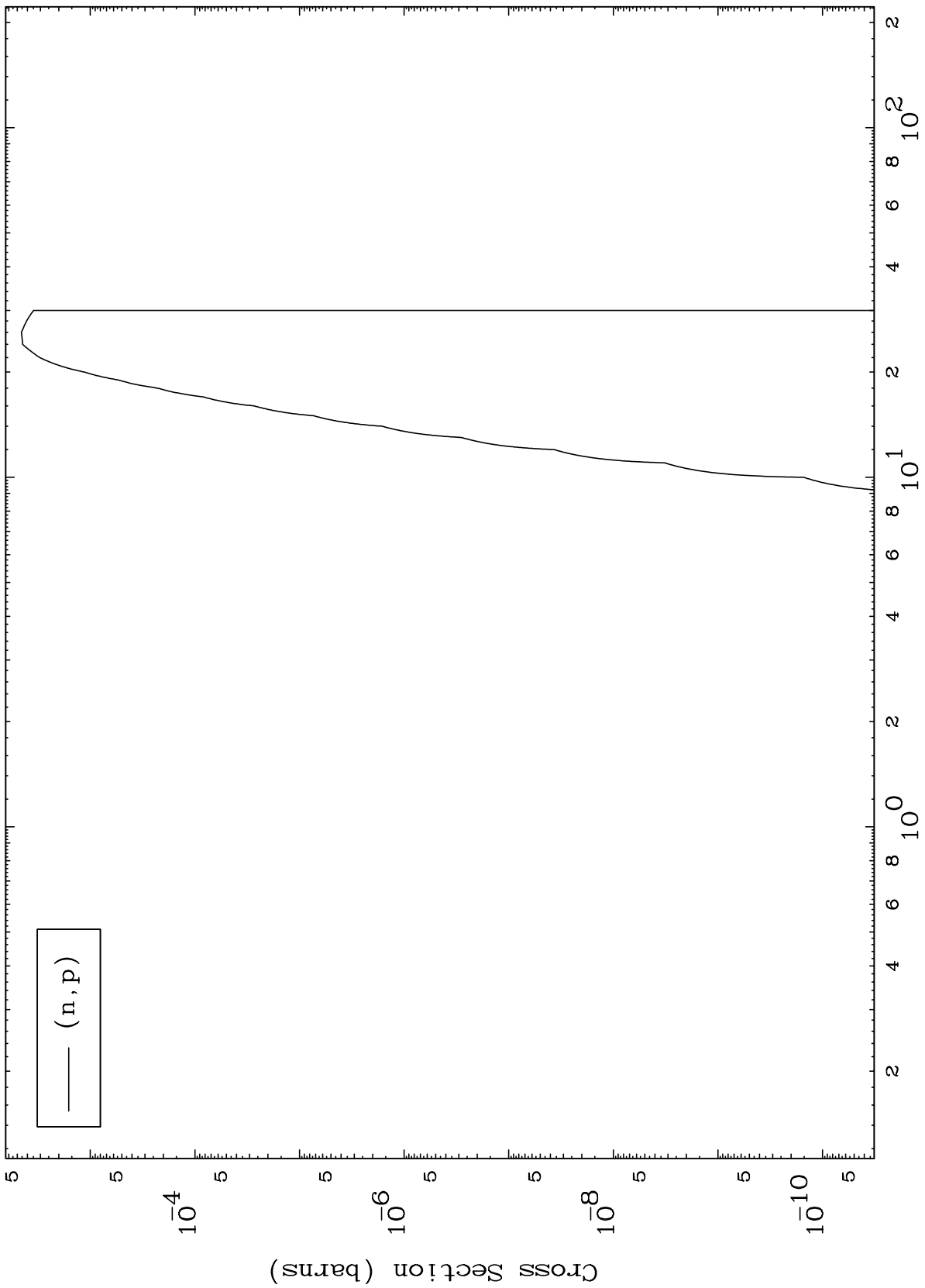


MAT 8284

(He-3,p) Levels

83-Bi-195m

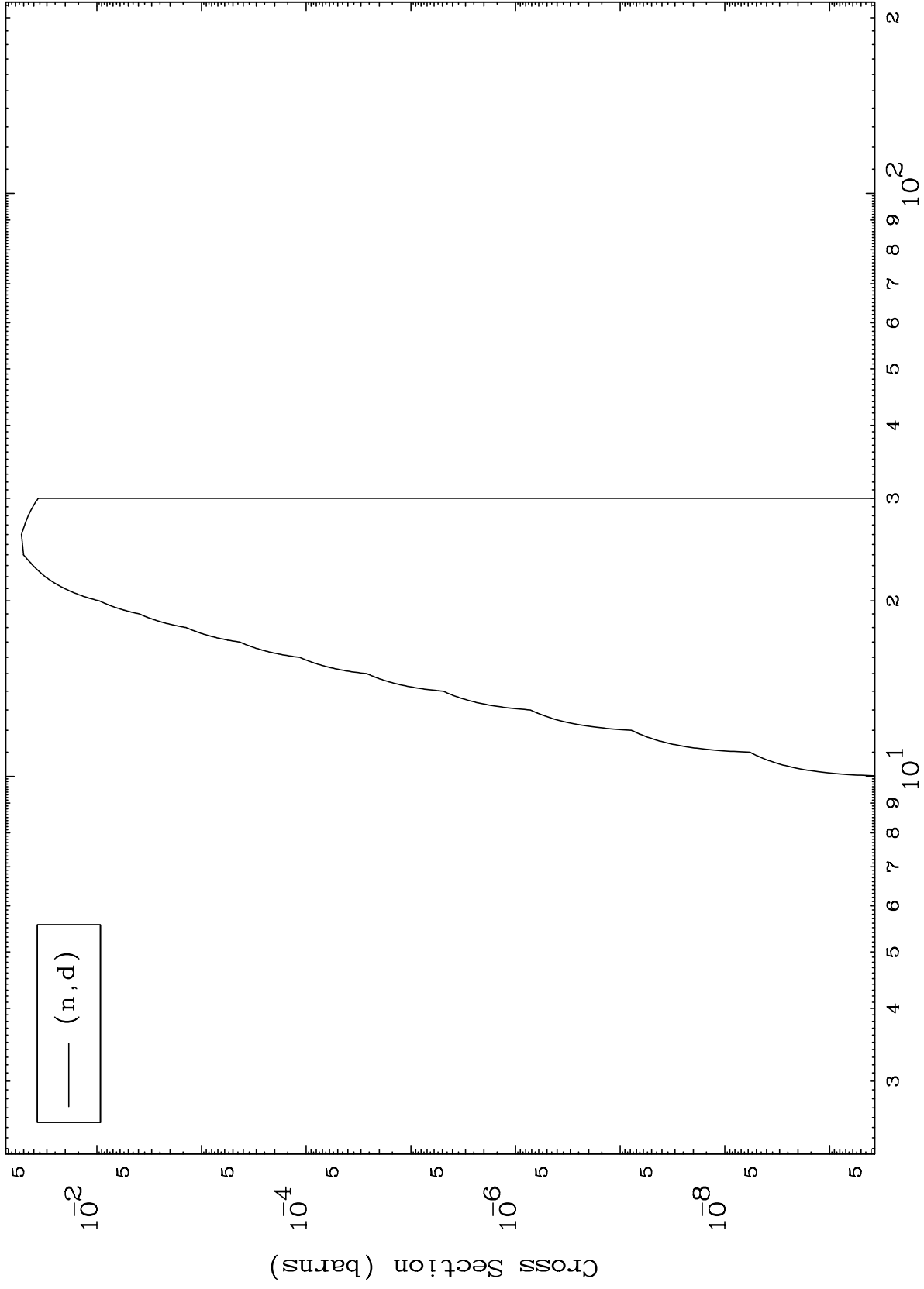
0 Kelvin Cross Sections



MAT 8284

(He-3,d) Levels
0 Kelvin Cross Sections

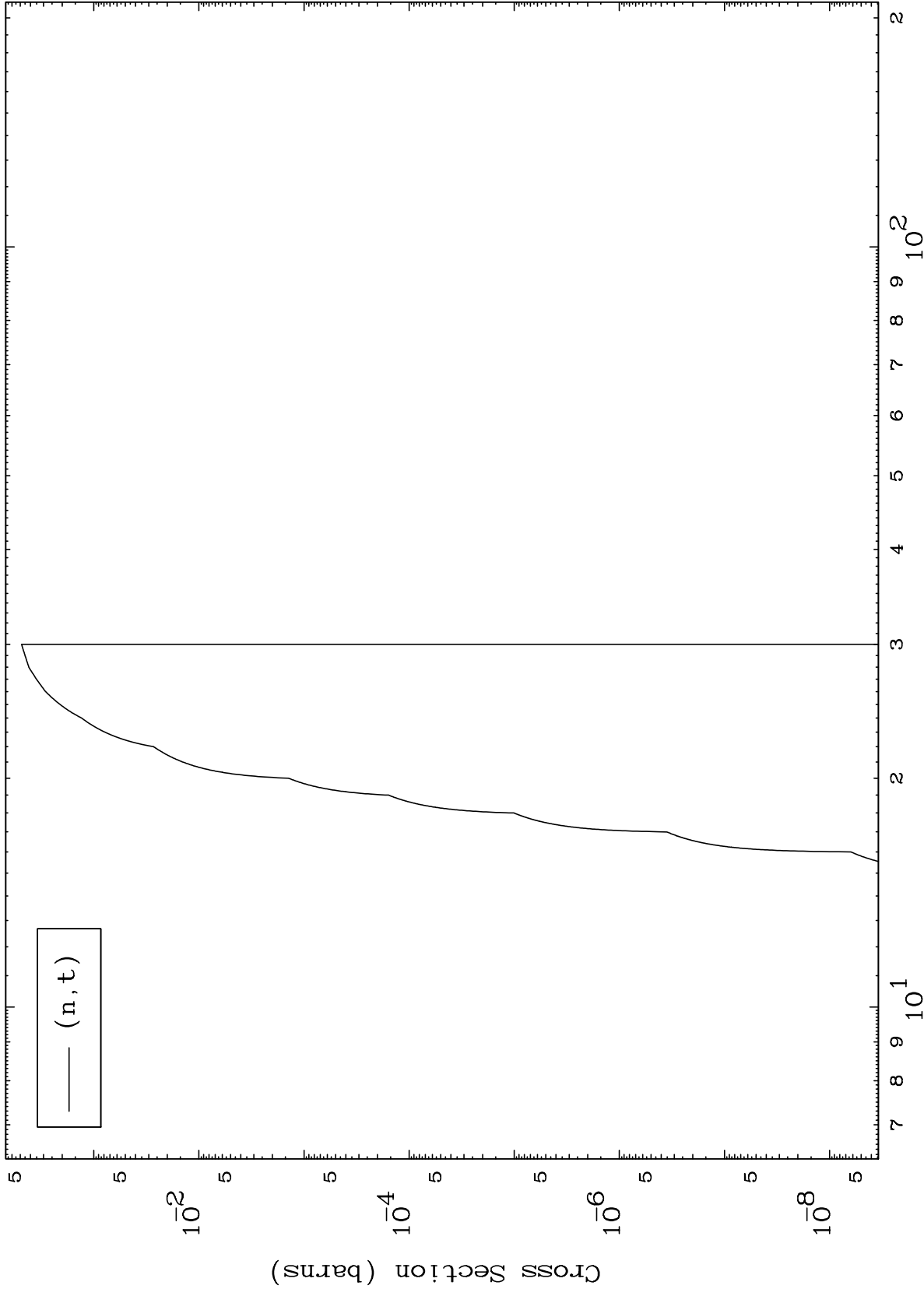
83-Bi-195m



MAT 8284

(He-3,t) Levels
0 Kelvin Cross Sections

83-Bi-195m



9

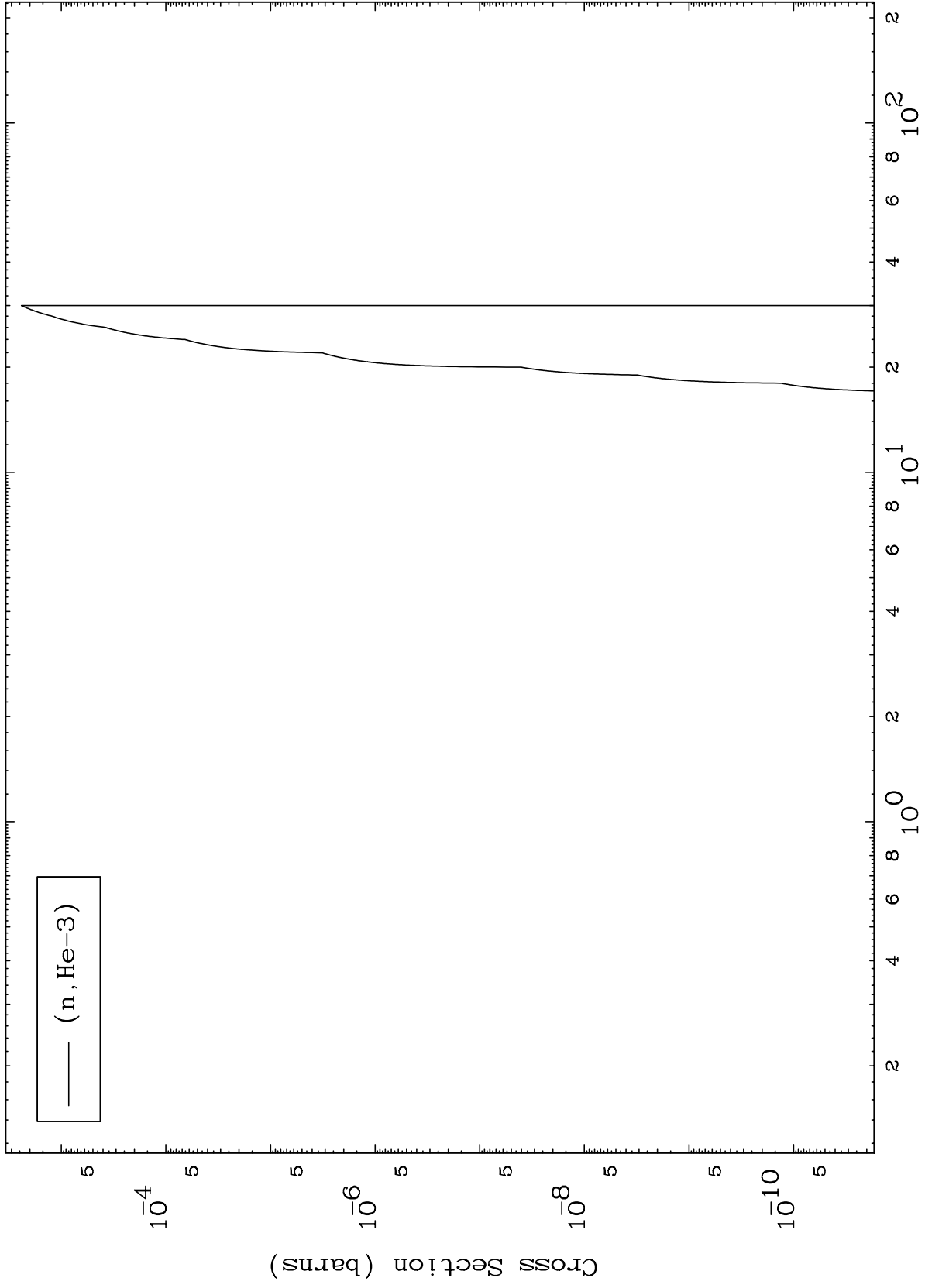
Incident Energy (MeV)

83-Bi-195m

MAT 8284

(He-3, He3) Levels
0 Kelvin Cross Sections

83-Bi-195m



10

Incident Energy (MeV)

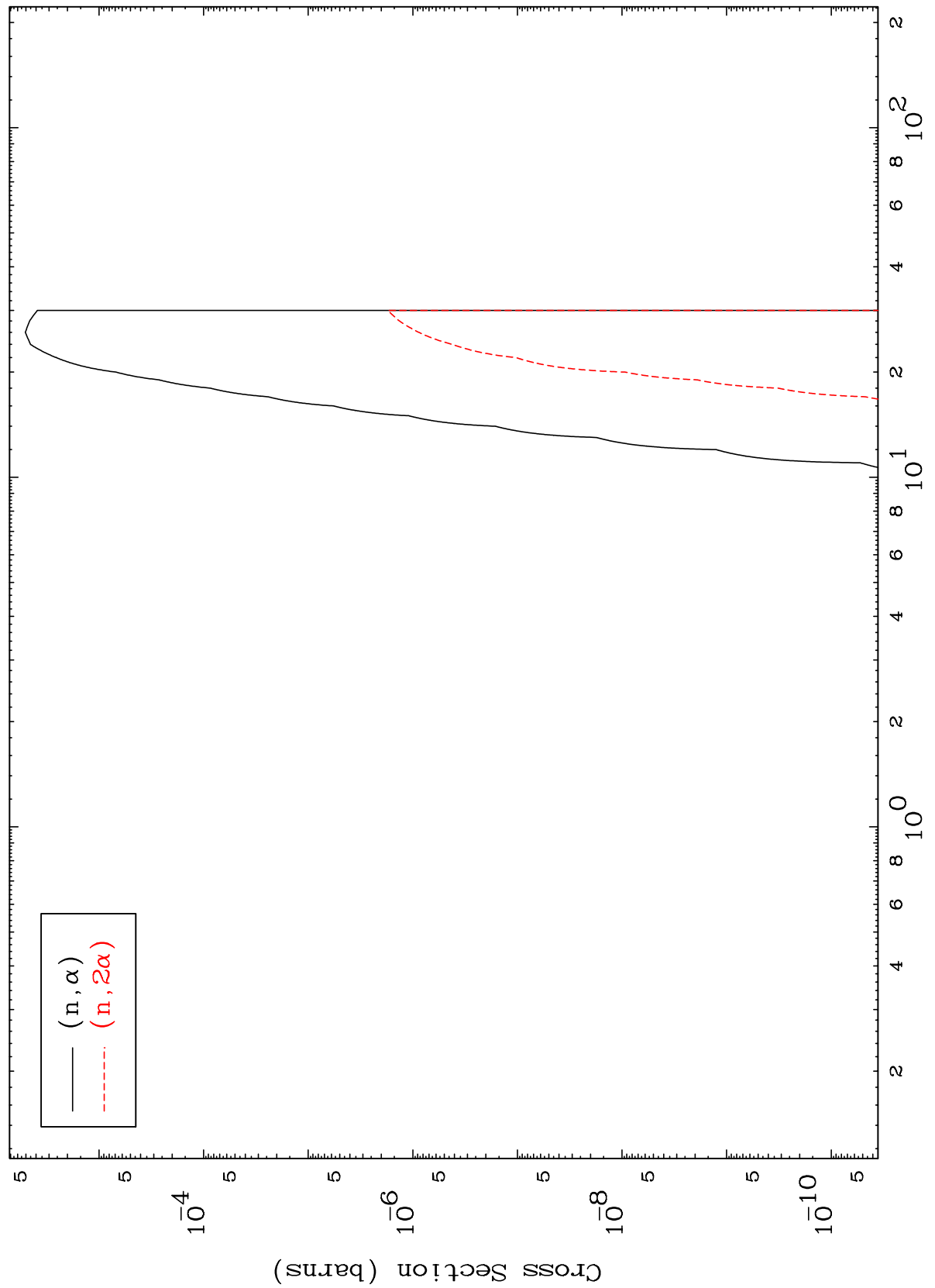
83-Bi-195m

MAT 8284

(He-3, α) Levels

83-Bi-195m

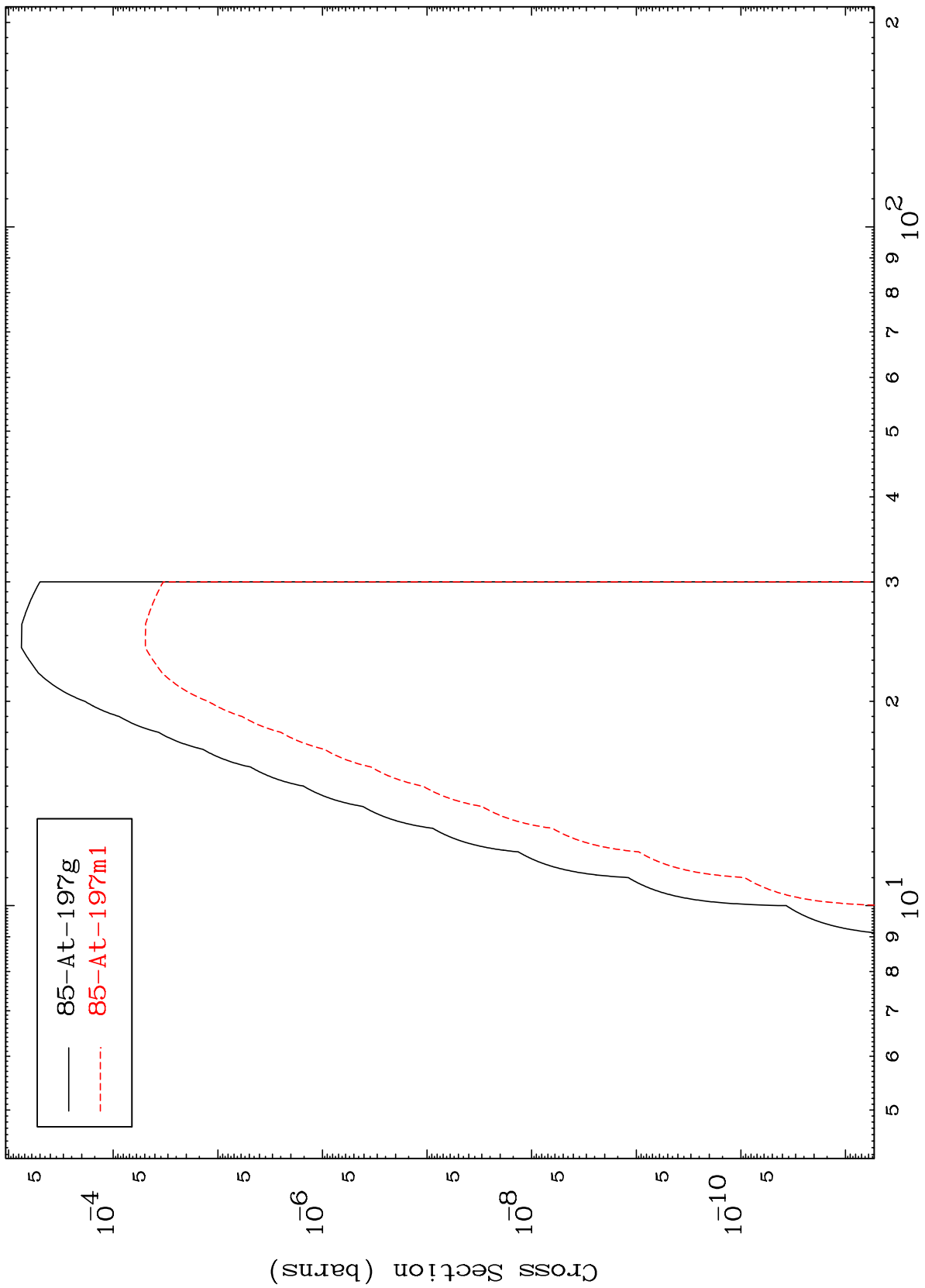
0 Kelvin Cross Sections



MAT 8284

83-Bi-195m

Inelastic
Radionuclide Production Cross Section



12

83-Bi-195m

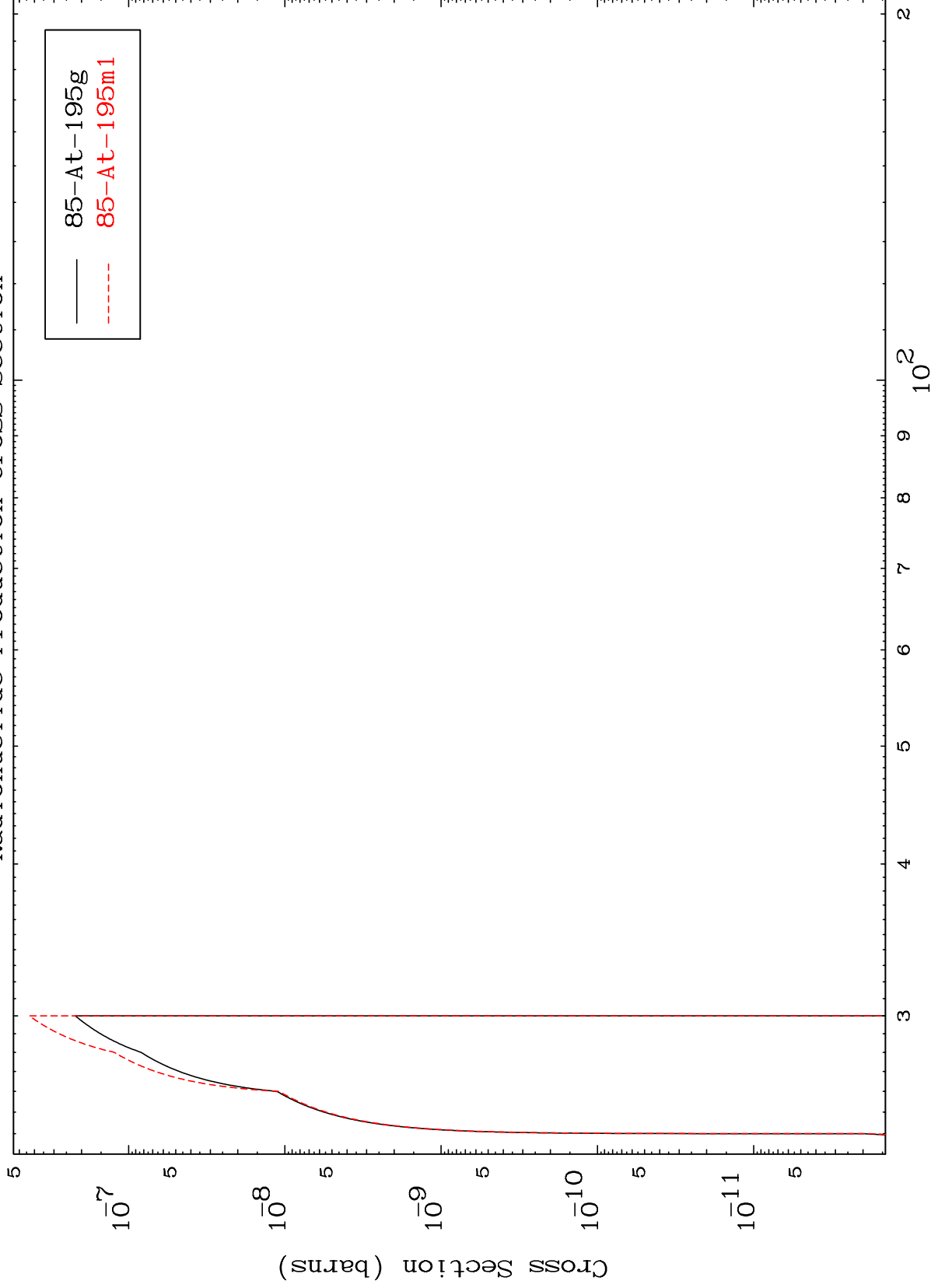
Incident Energy (MeV)

MAT 8284

(n,3n)

83-Bi-195m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

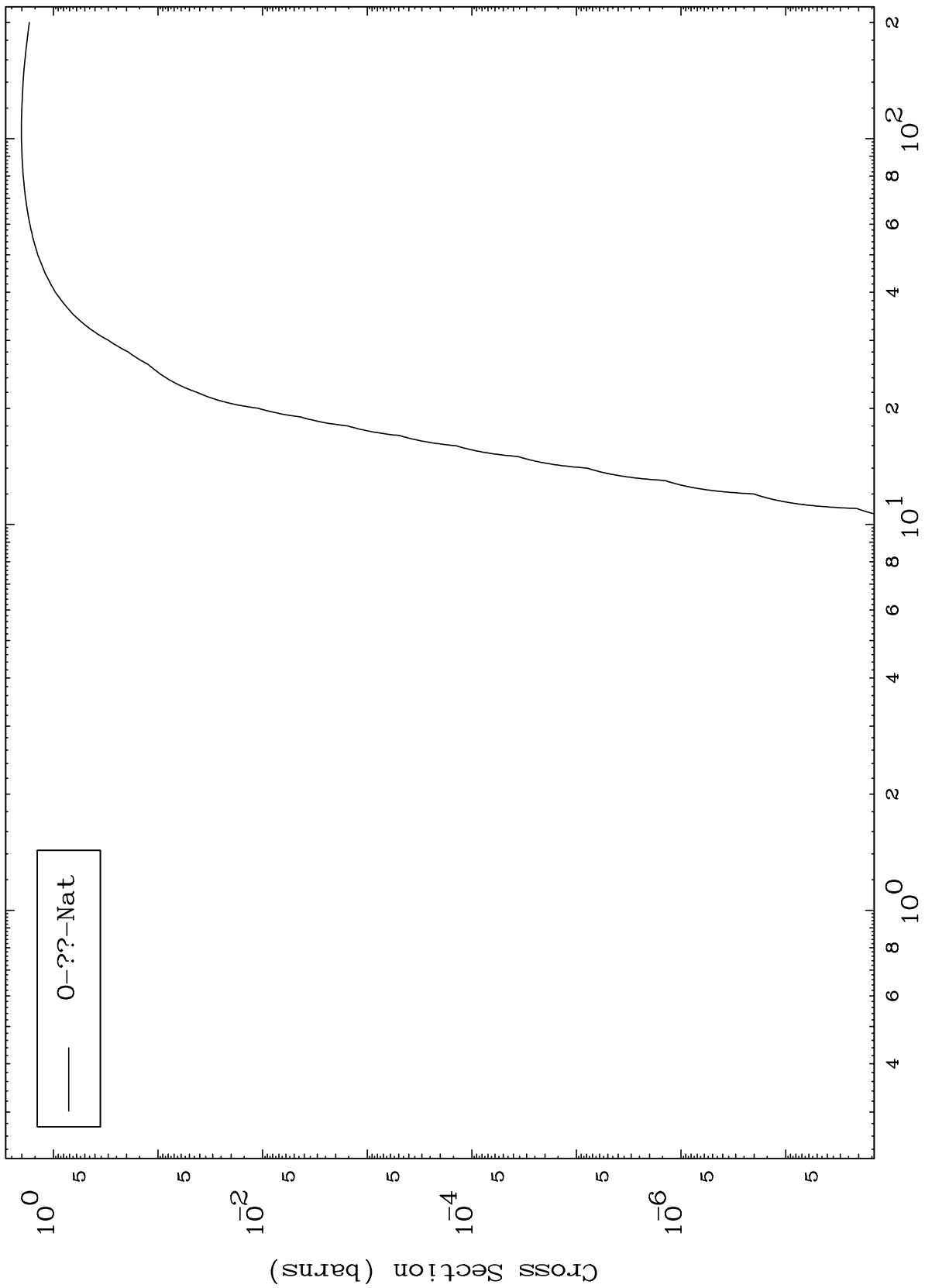
83-Bi-195m

MAT 8284

Fission

⁸³Bi-195m

Radionuclide Production Cross Section

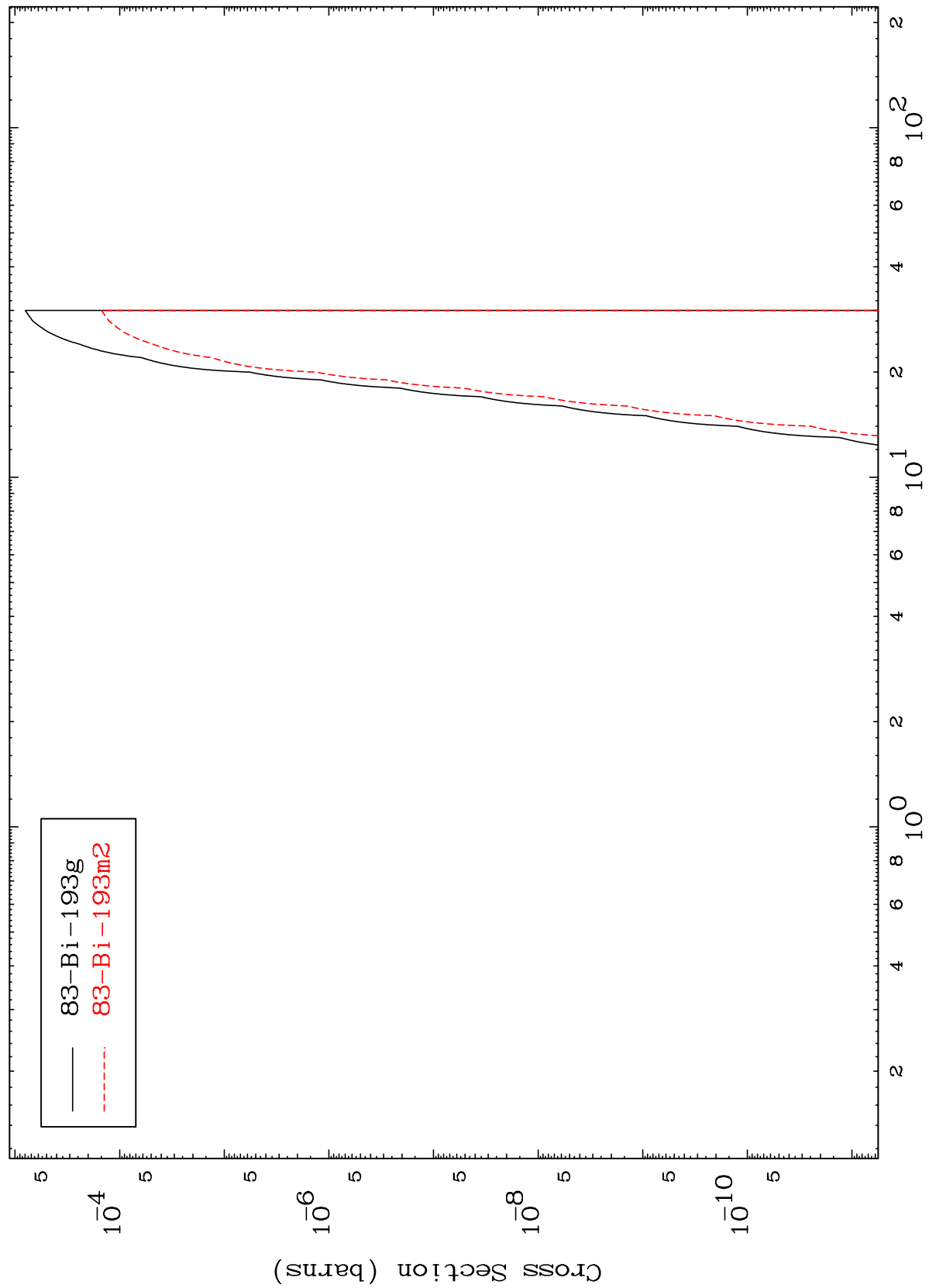


MAT 8284

$(n, n') \alpha$

$^{83}\text{Bi}-195\text{m}$

Radionuclide Production Cross Section

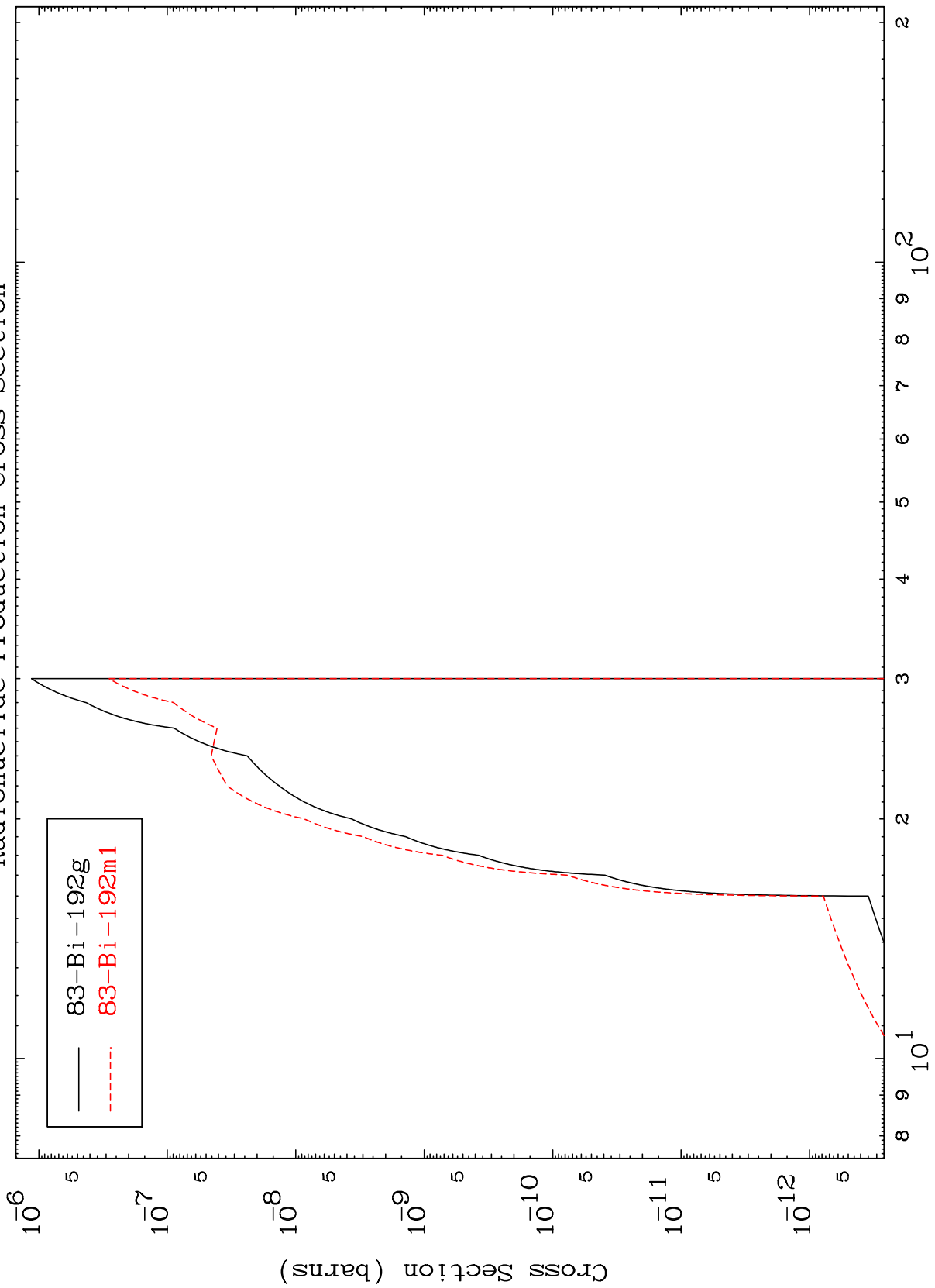


MAT 8284

(n,2n) α

83-Bi-195m

Radionuclide Production Cross Section



16

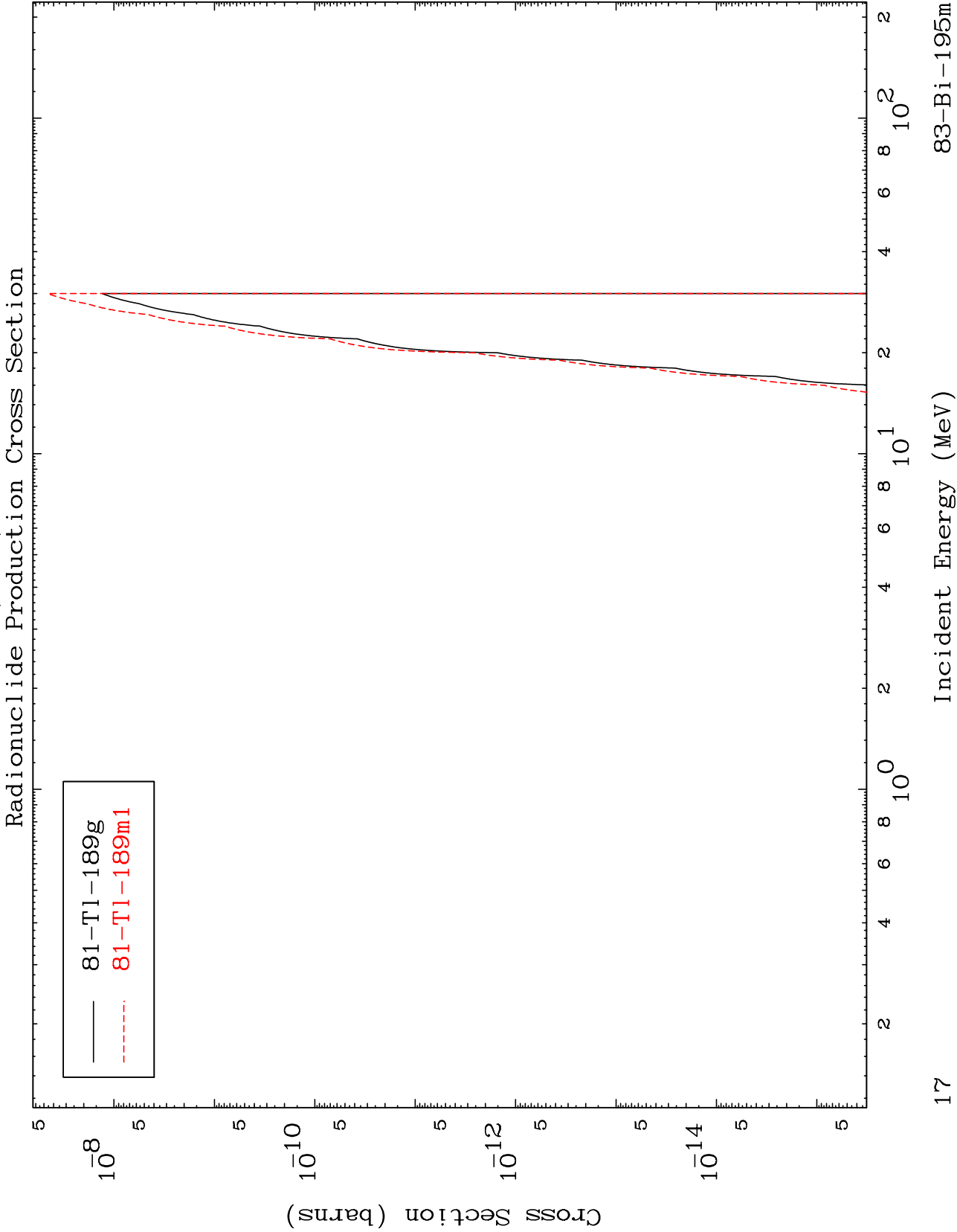
Incident Energy (MeV)

83-Bi-195m

MAT 8284

(n,n') 2α

83-Bi-195m

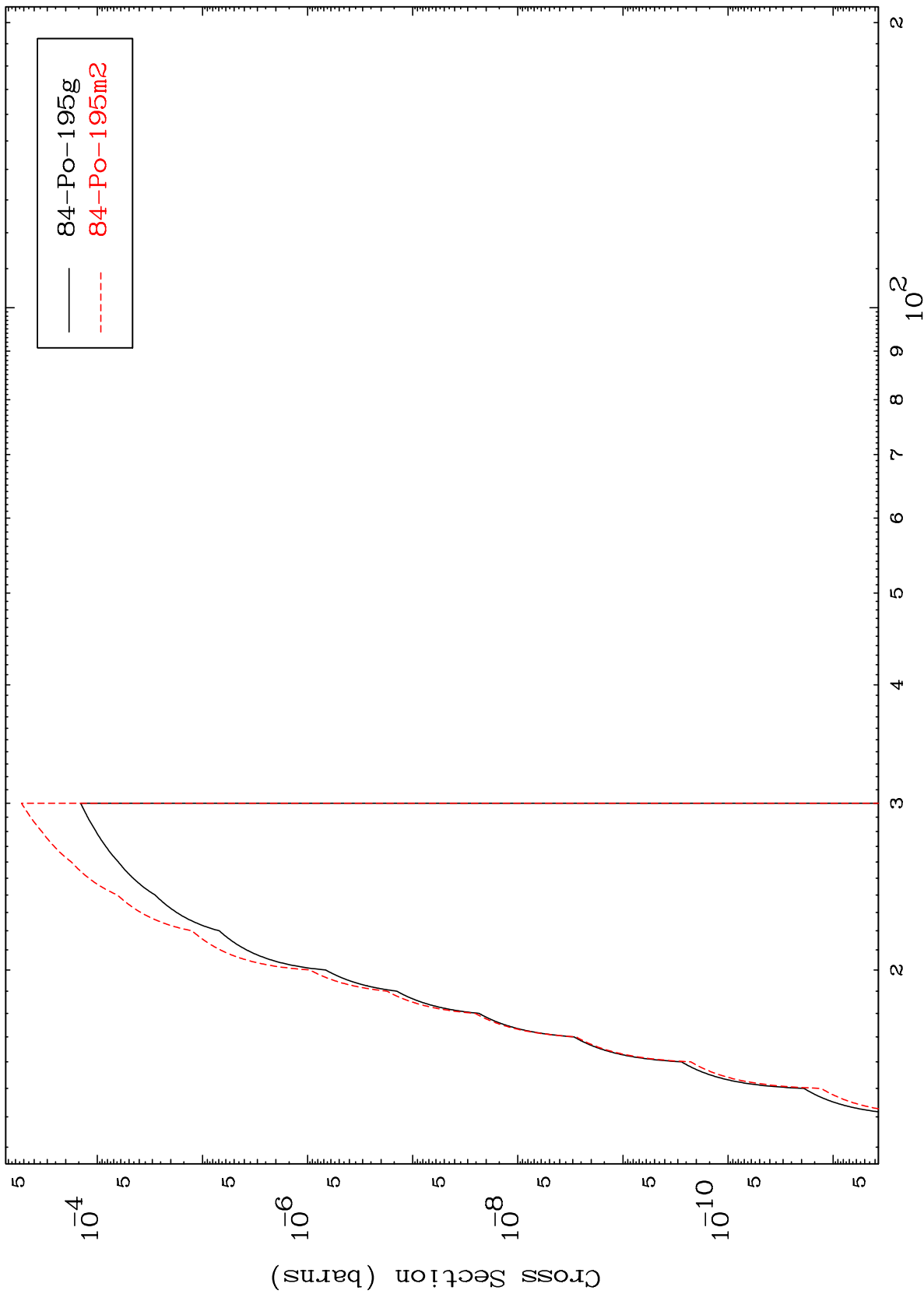


MAT 8284

(n,n') d

83-Bi-195m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

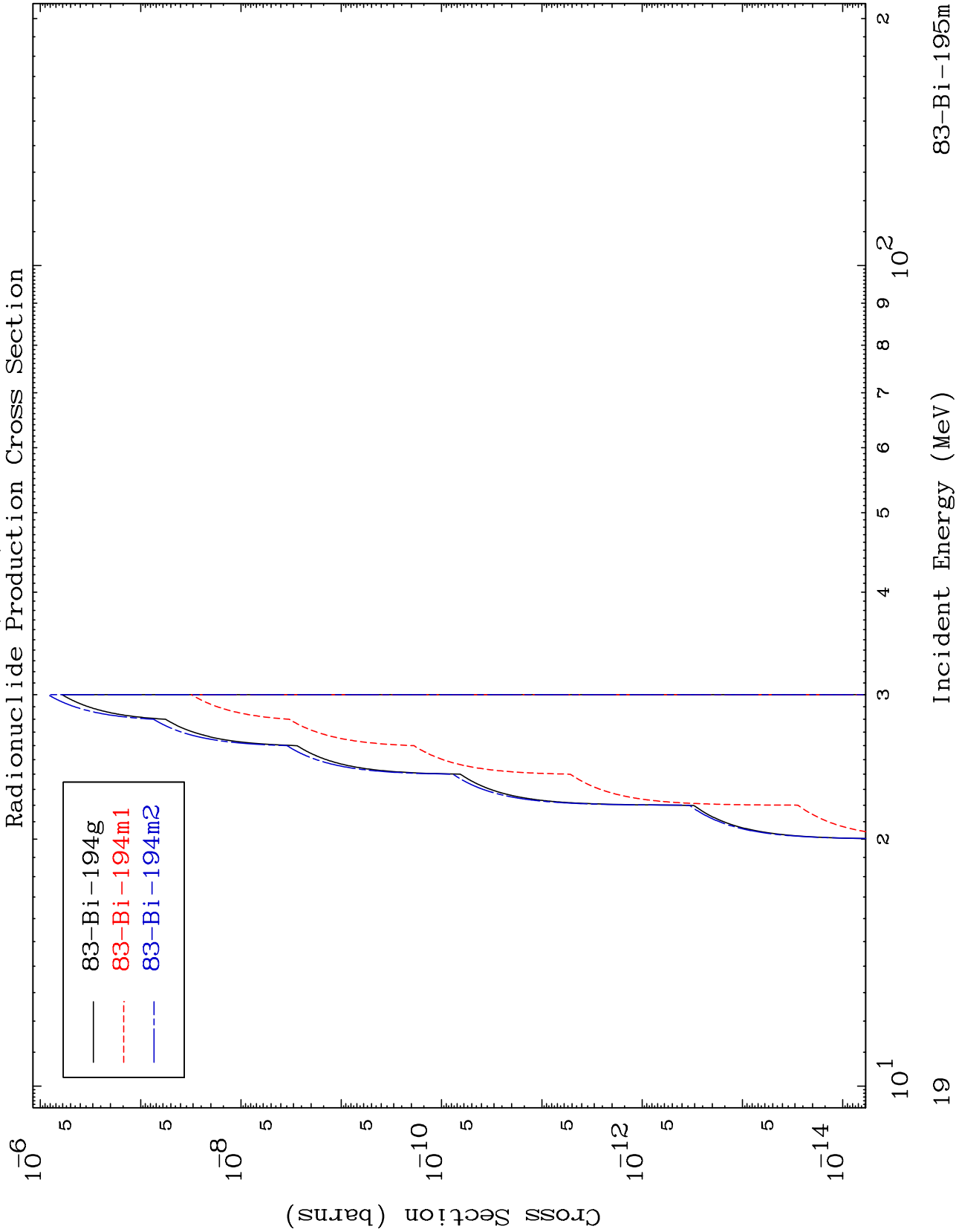
83-Bi-195m

MAT 8284

(n,n') He-3

83-Bi-195m

Radionuclide Production Cross Section



83-Bi-194g
83-Bi-194m1
83-Bi-194m2

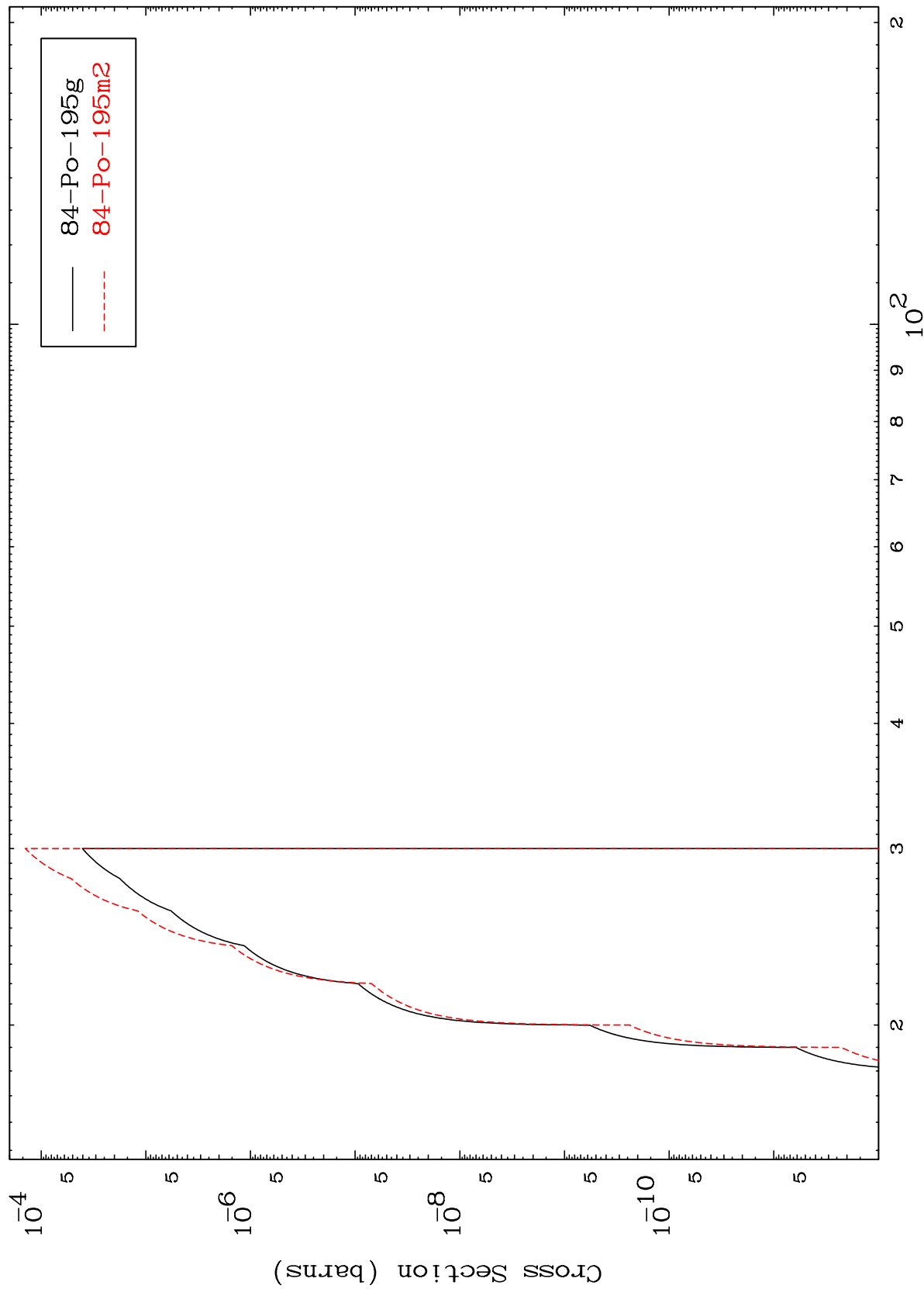
83-Bi-195m

MAT 8284

(n,2n) p

83-Bi-195m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

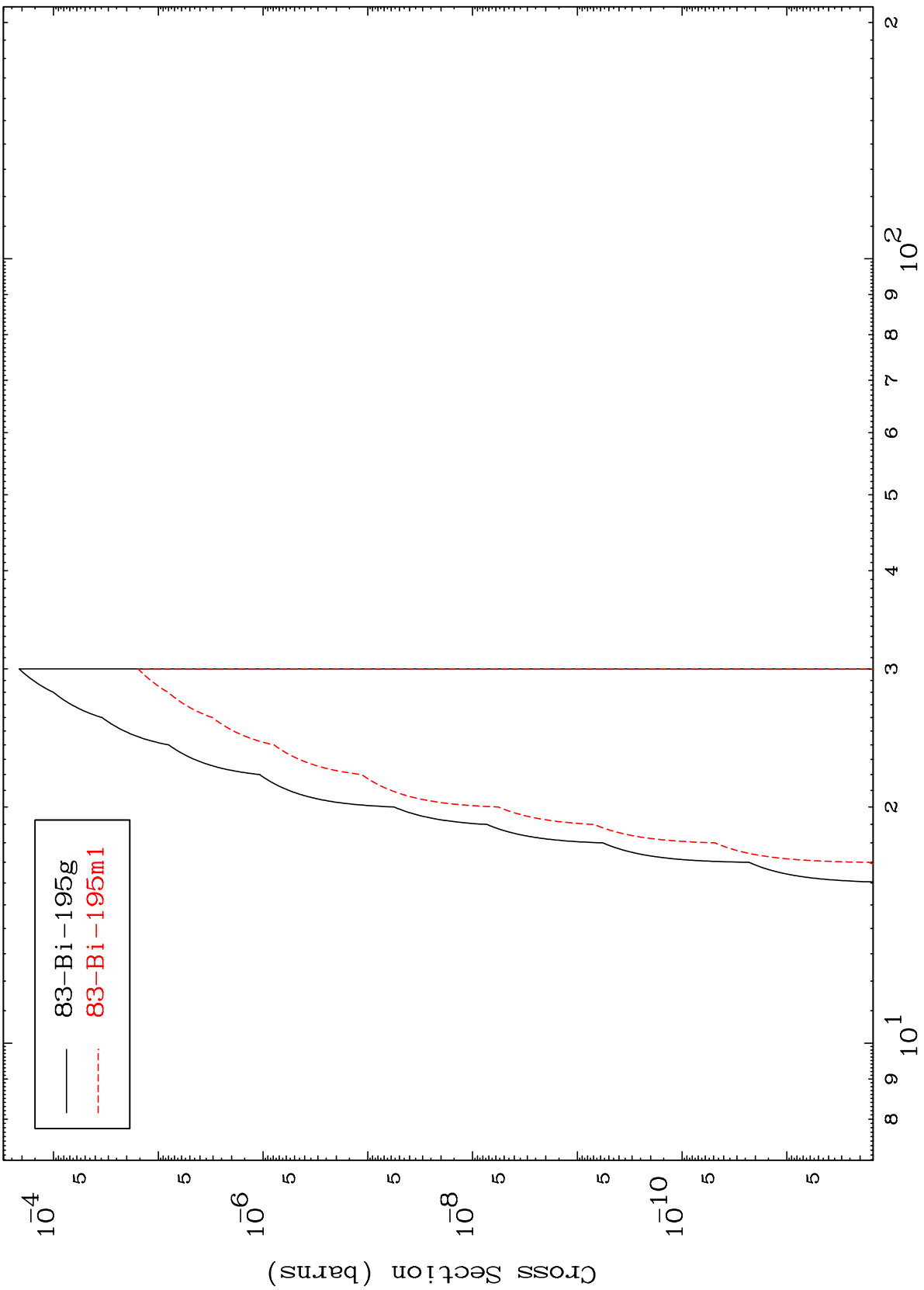
83-Bi-195m

MAT 8284

(n,2n) p

83-Bi-195m

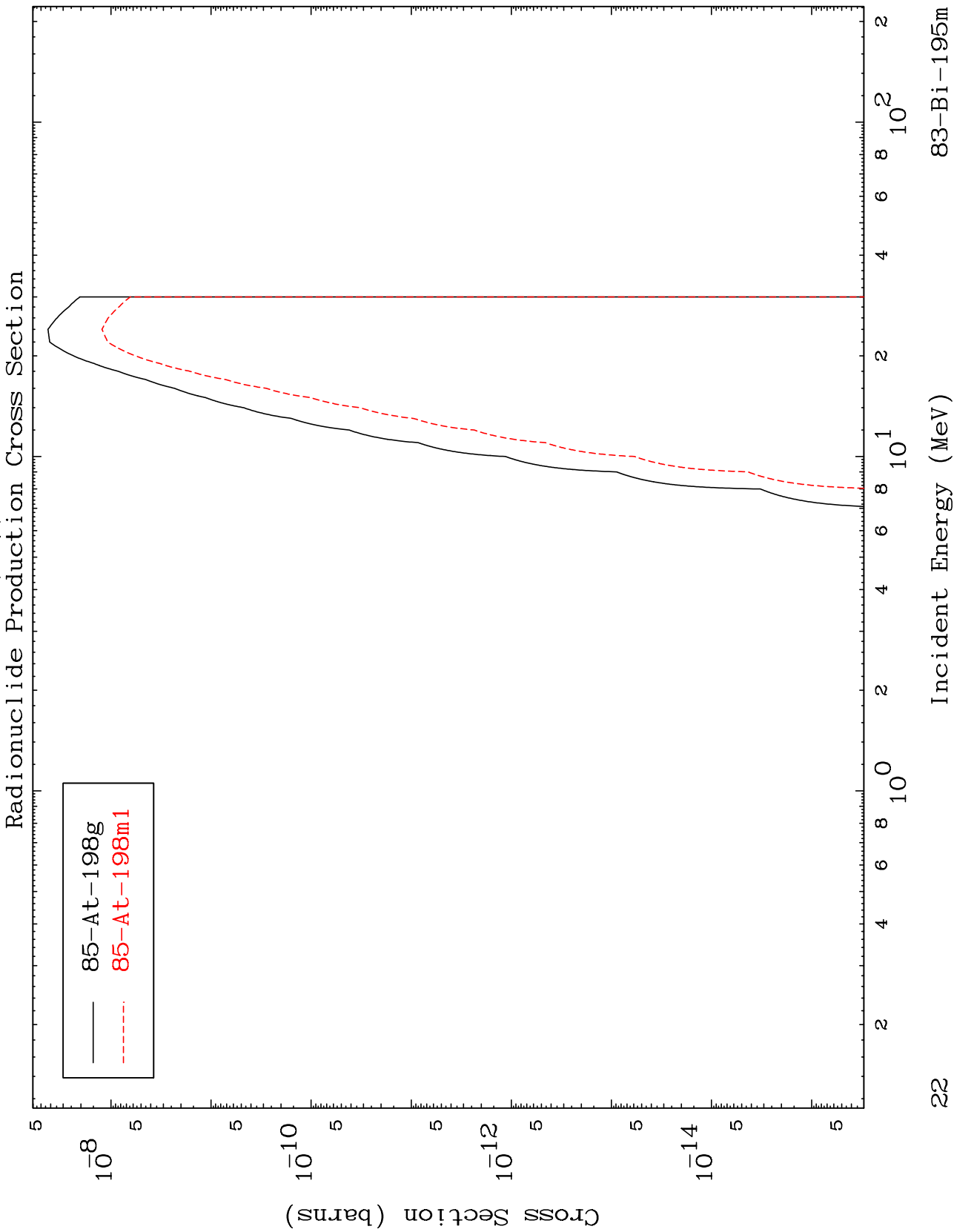
Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

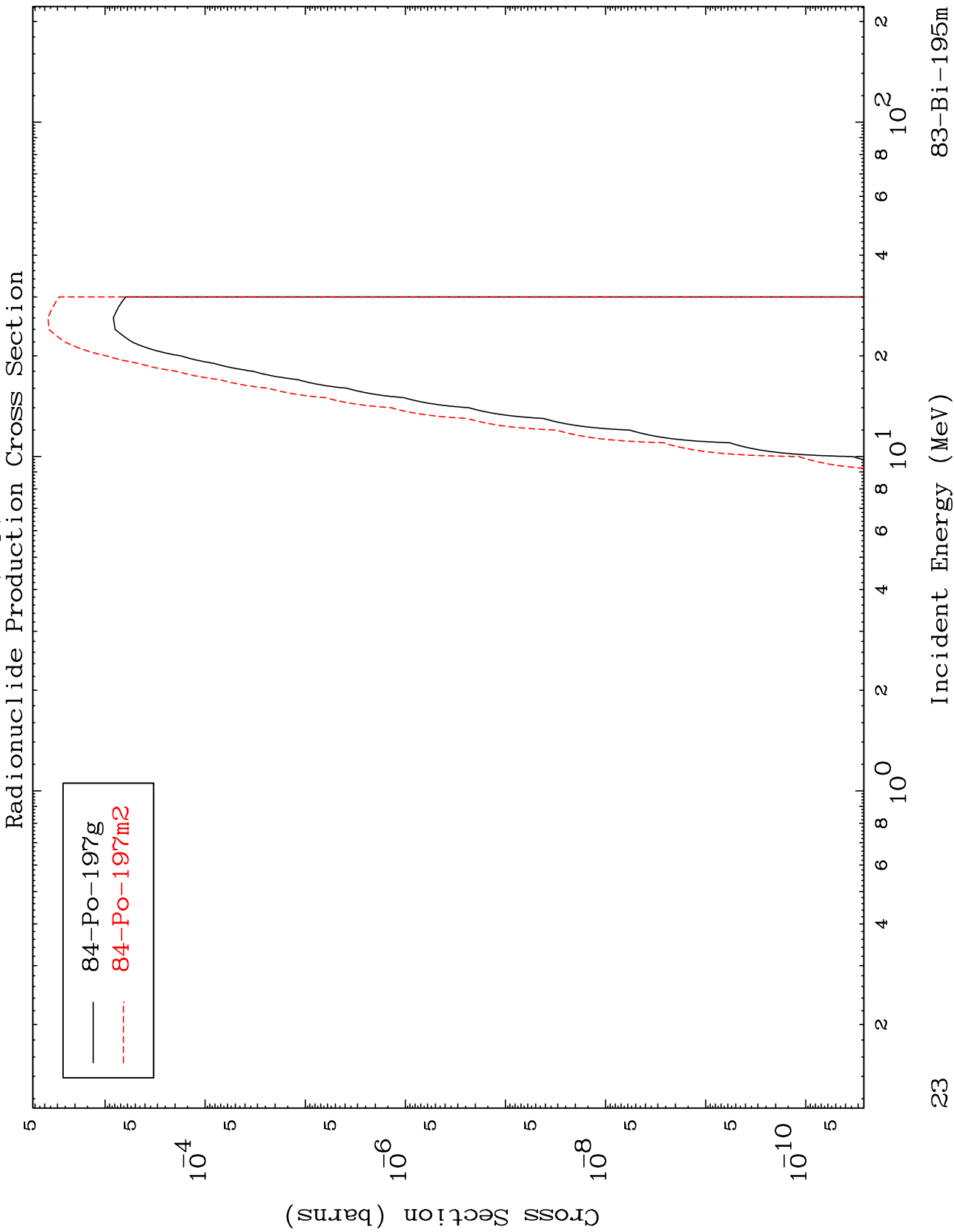
MAT 8284

83-Bi-195m



MAT 8284

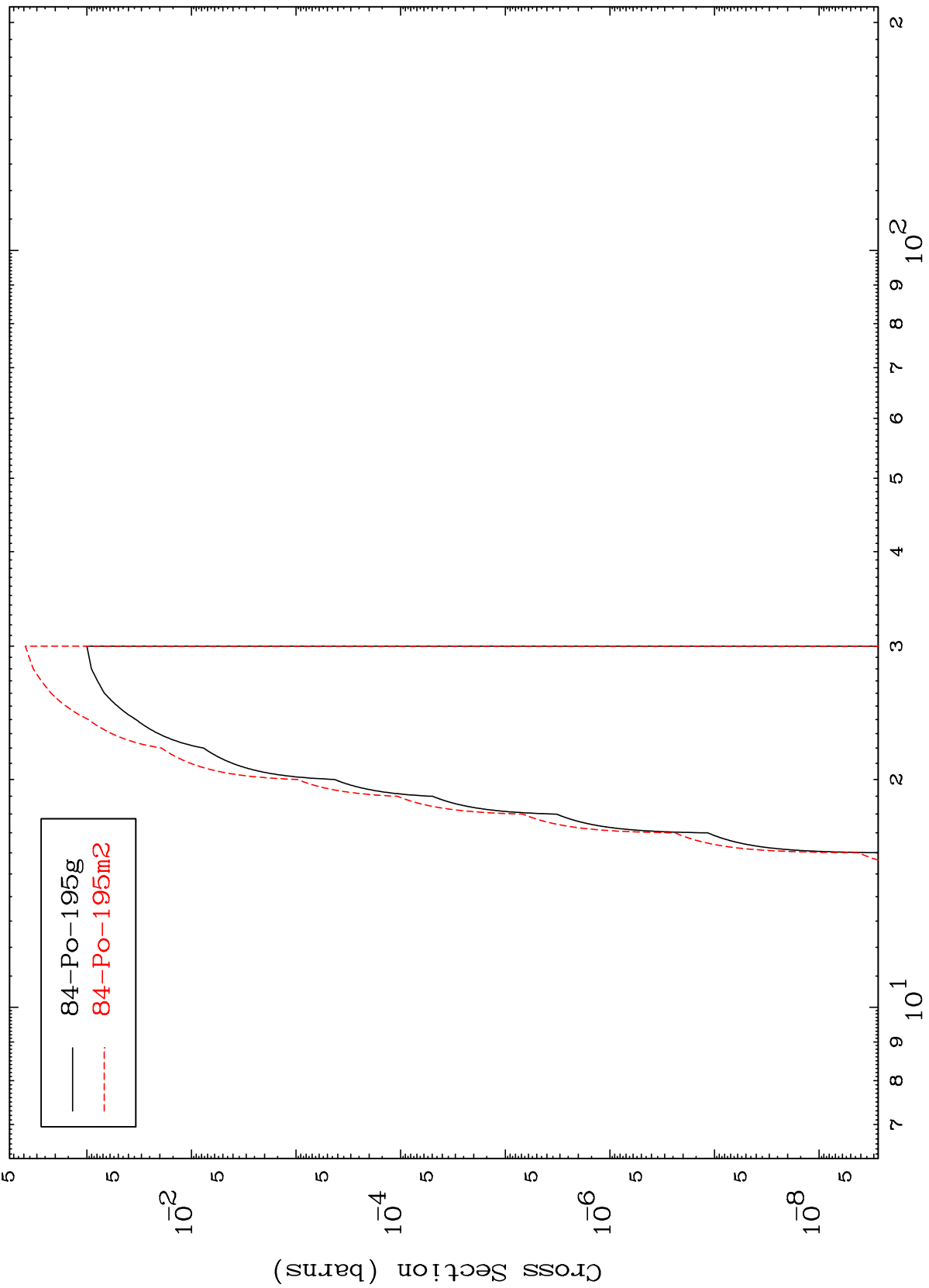
83-Bi-195m



MAT 8284

83-Bi-195m

(n,t)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

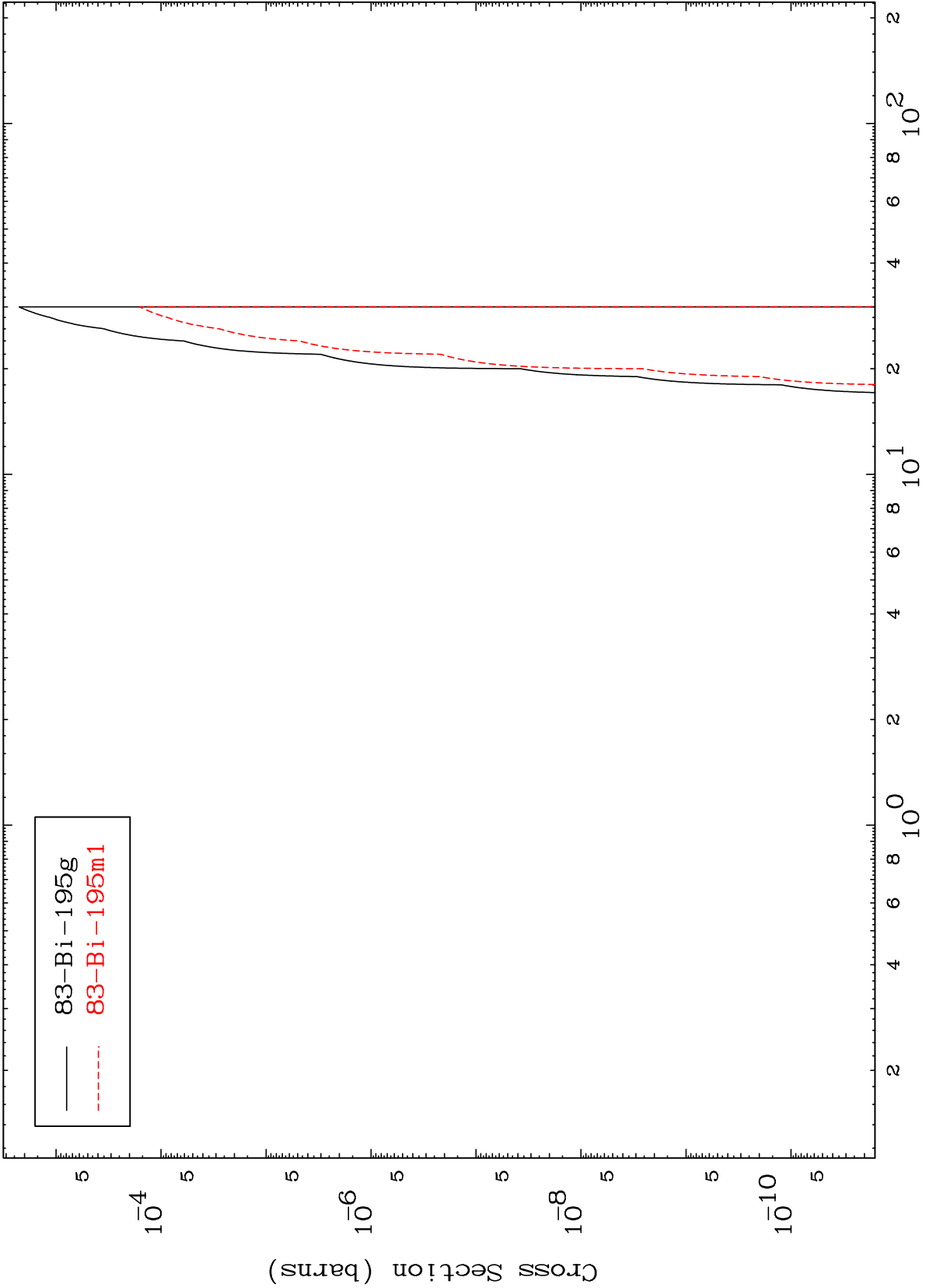
83-Bi-195m

MAT 8284

(n,He-3)

83-Bi-195m

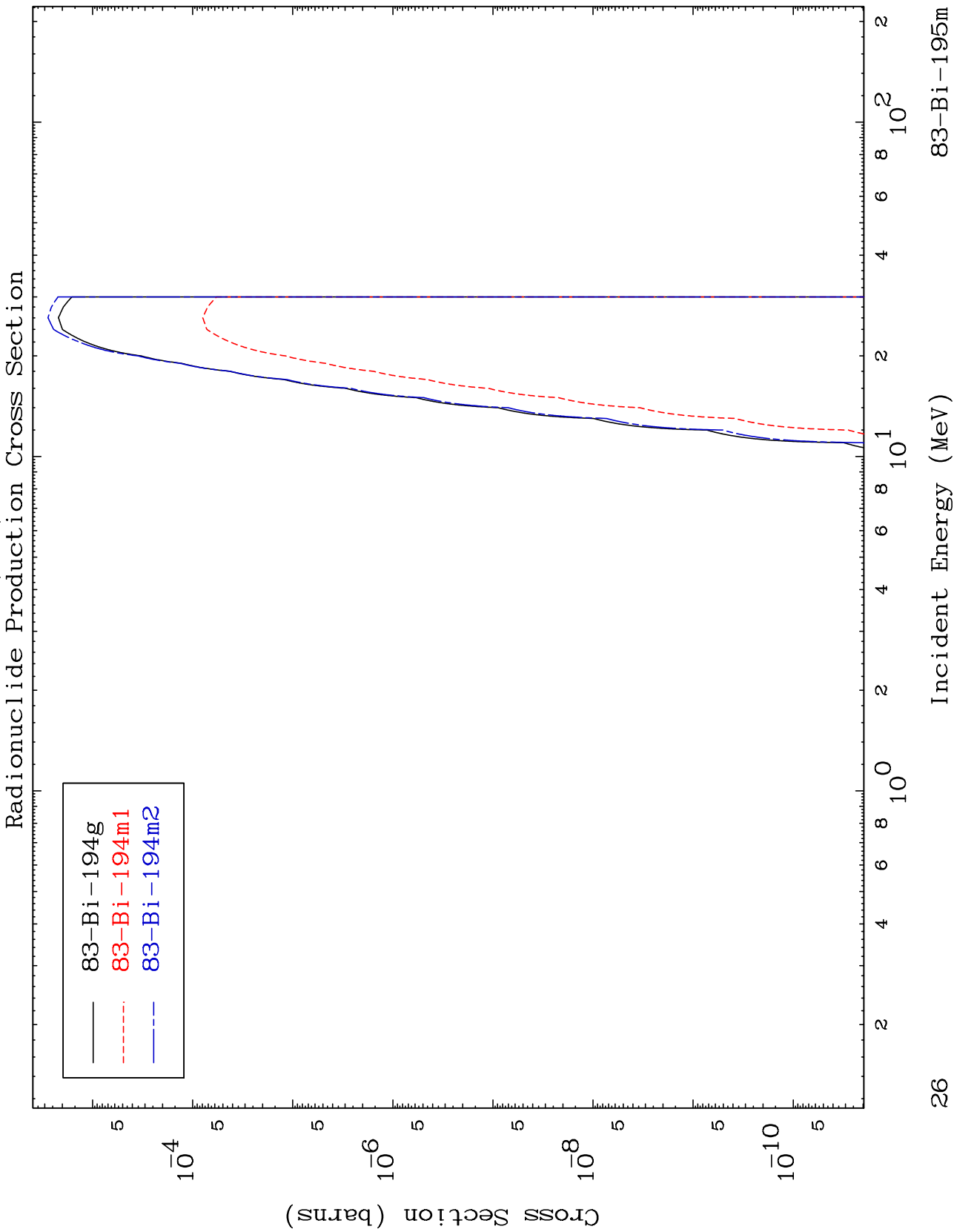
Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

MAT 8284

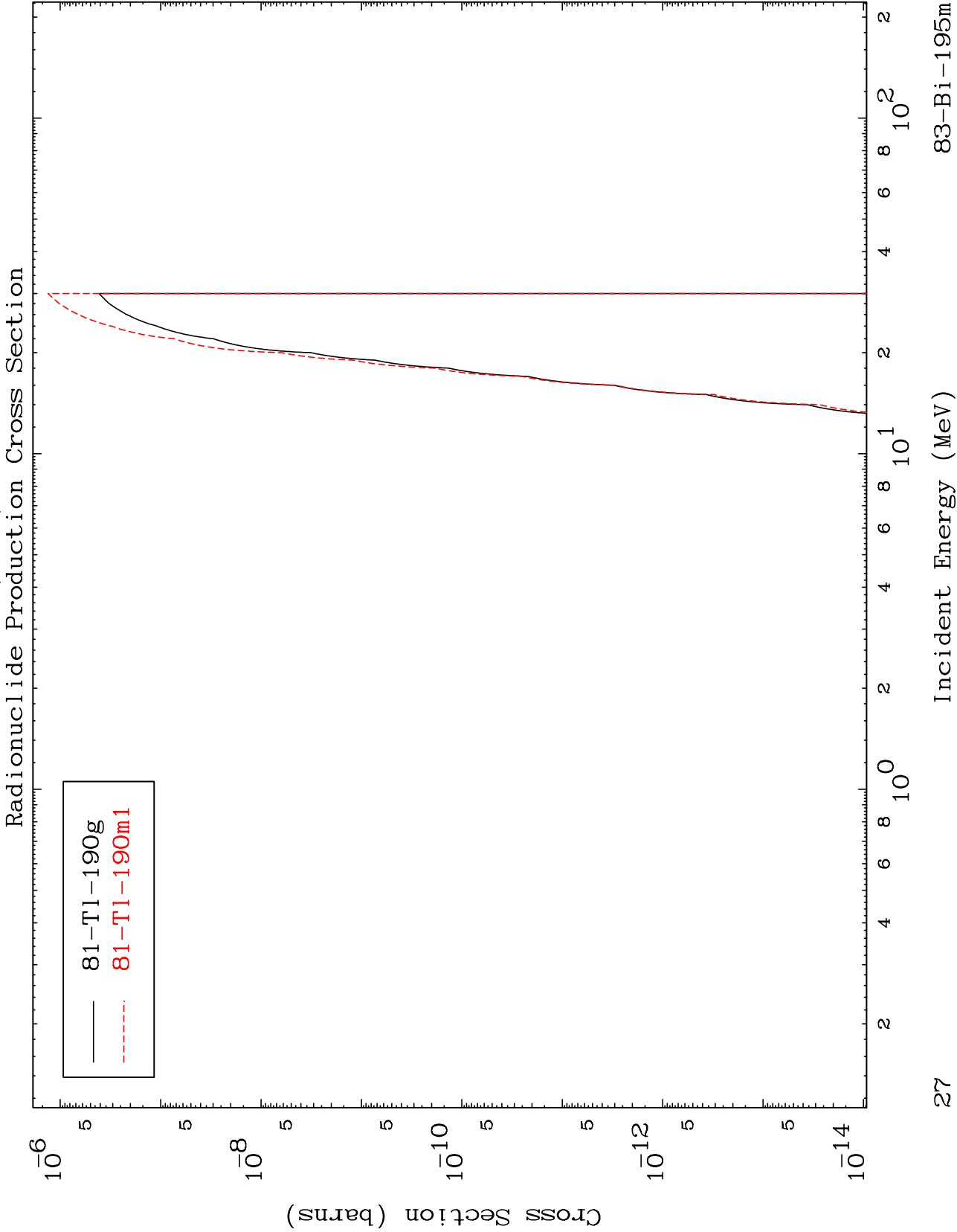
⁸³Bi-195m



MAT 8284

(n,2α)

83-Bi-195m

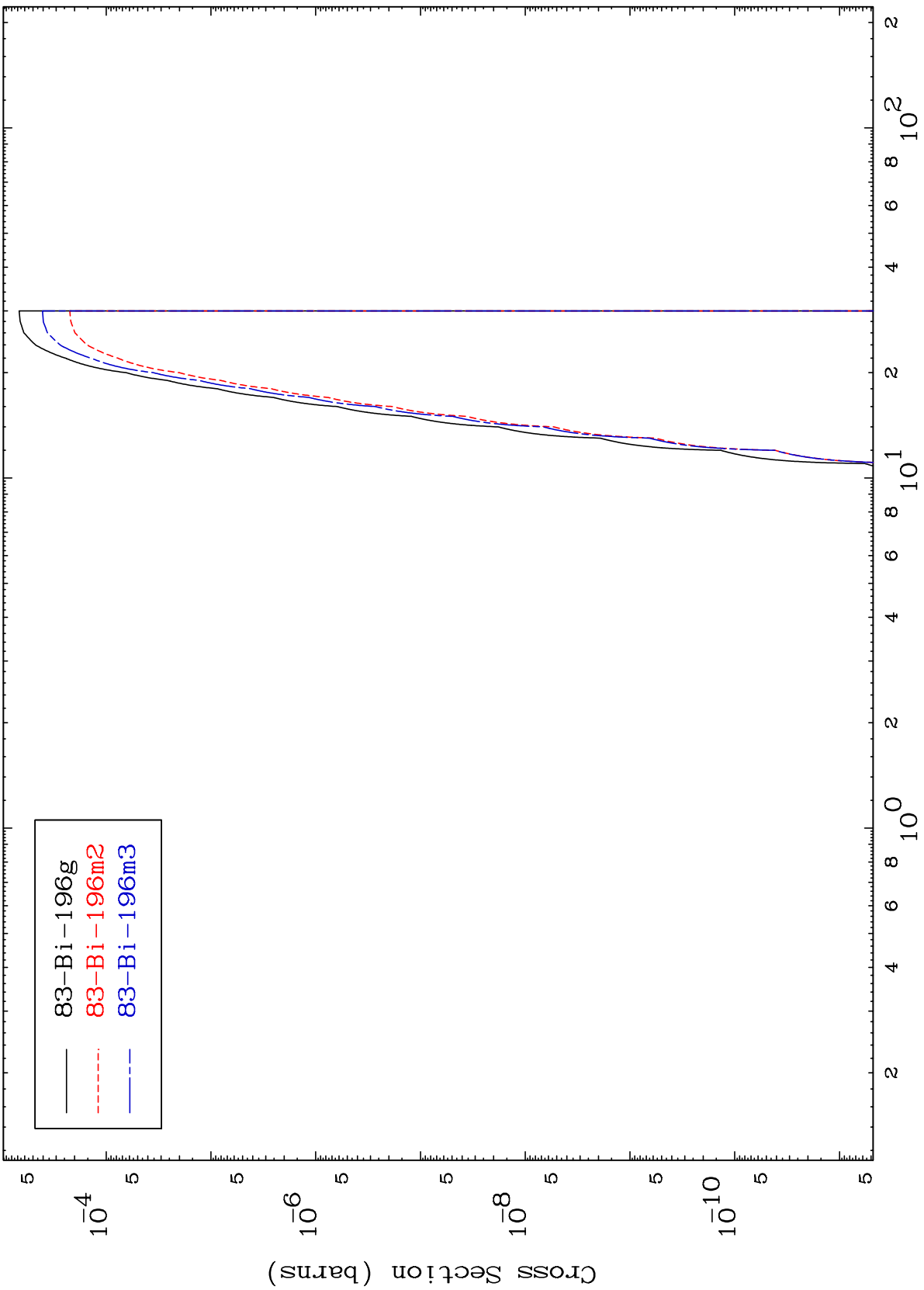


MAT 8284

(n,2p)

⁸³Bi-195m

Radionuclide Production Cross Section

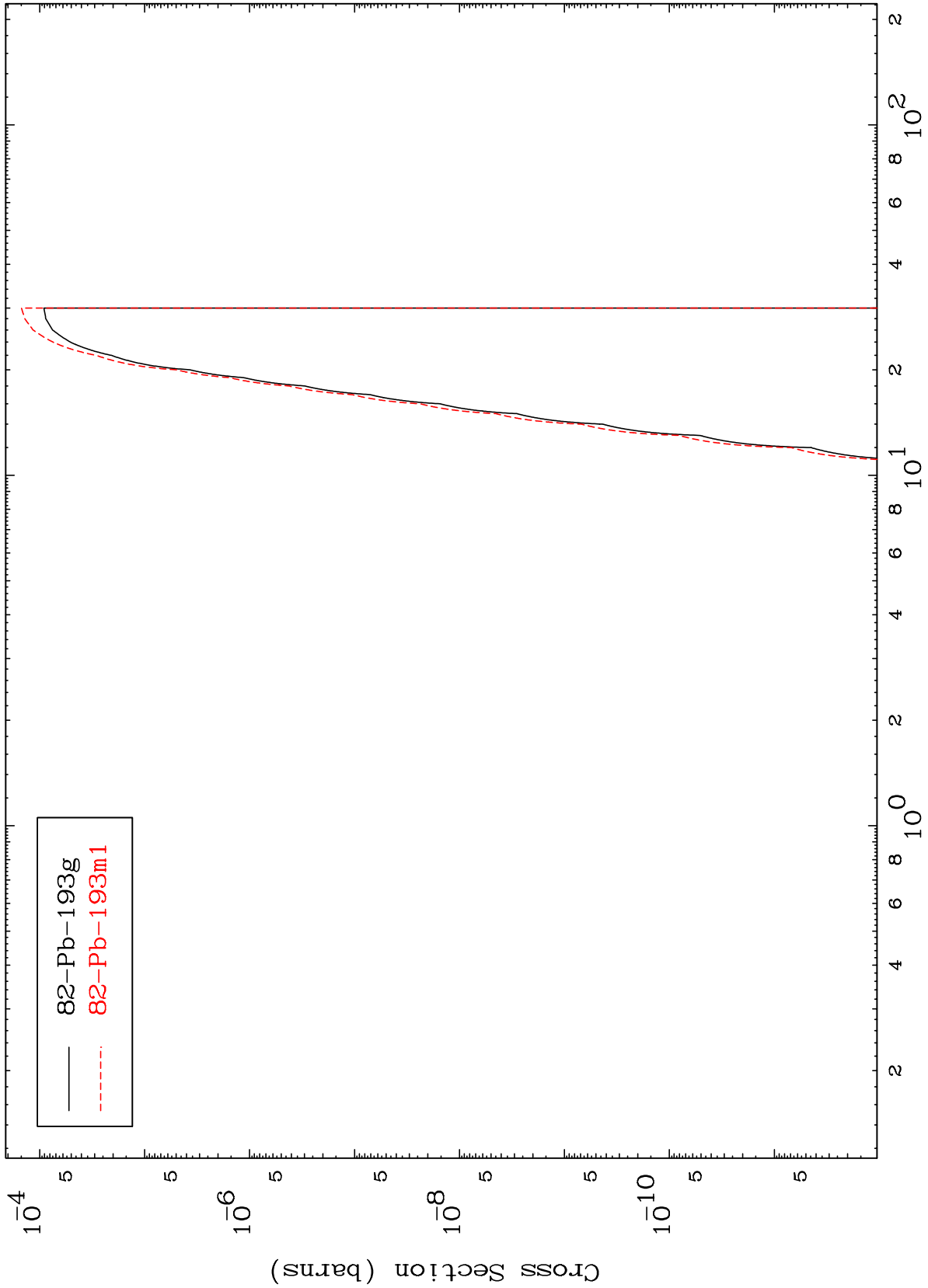


MAT 8284

(n,p) α

83-Bi-195m

Radionuclide Production Cross Section

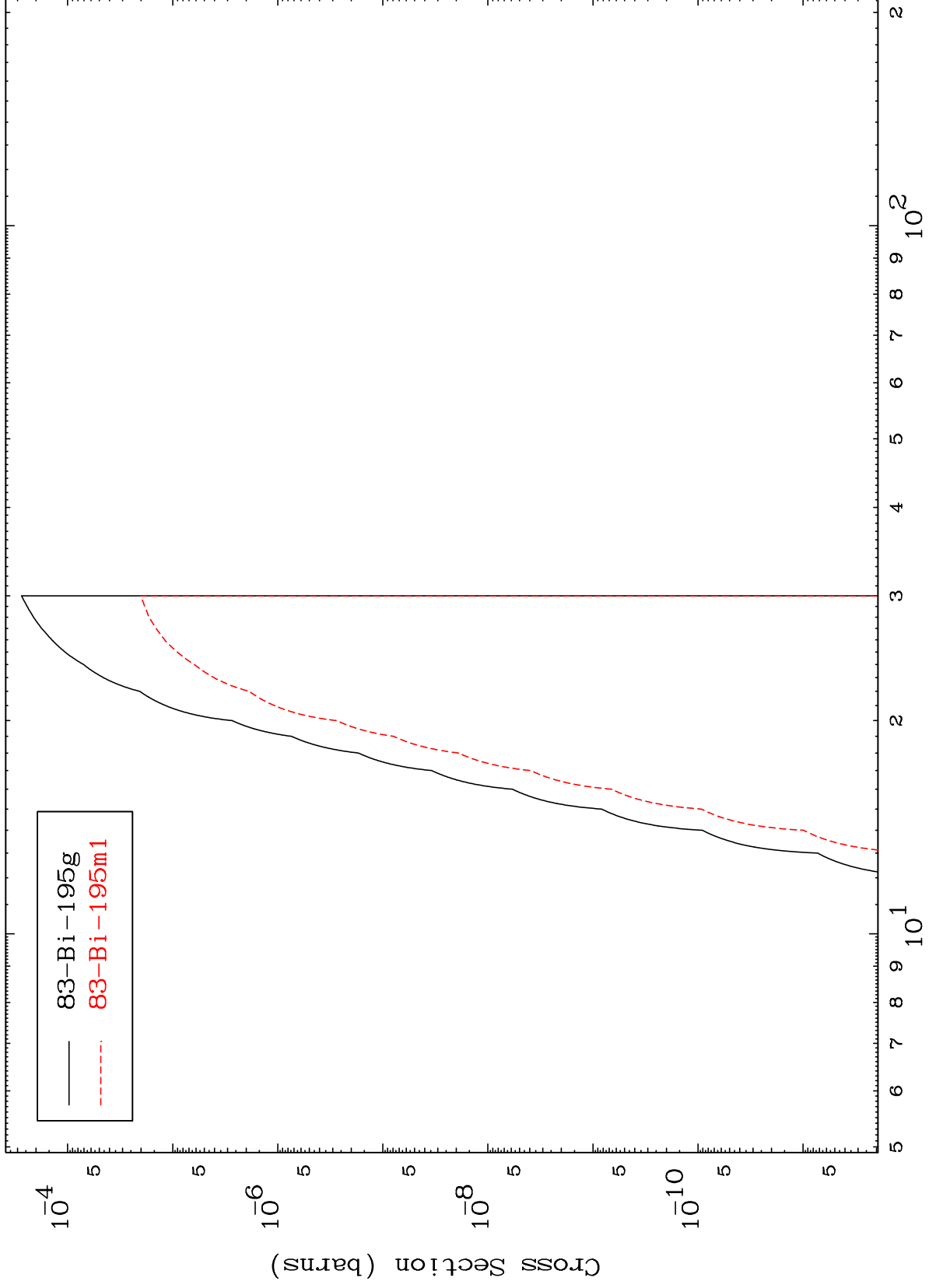


MAT 8284

(n,p) d

83-Bi-195m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

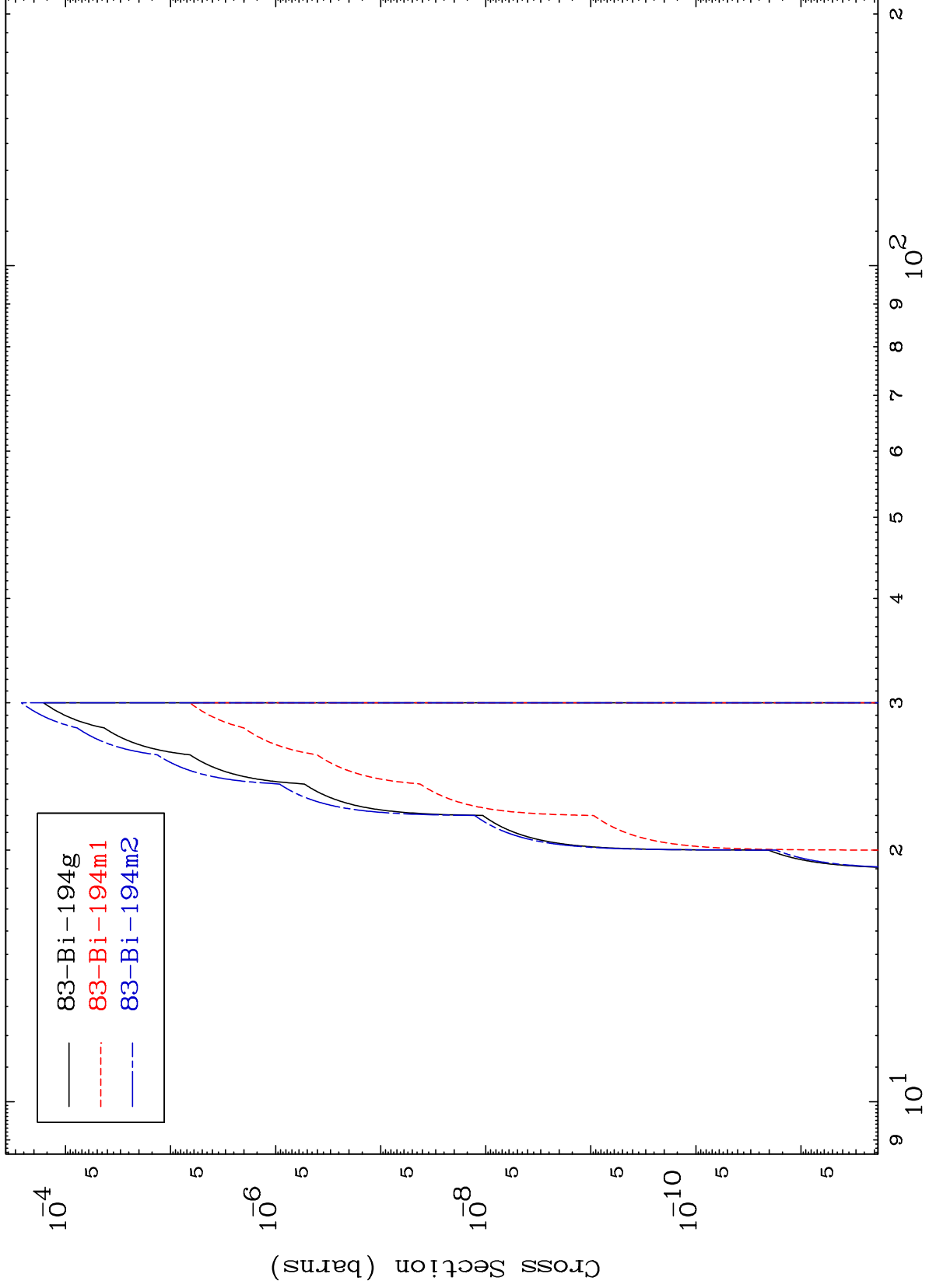
83-Bi-195m

MAT 8284

(n,p) t

83-Bi-195m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

83-Bi-195m