

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

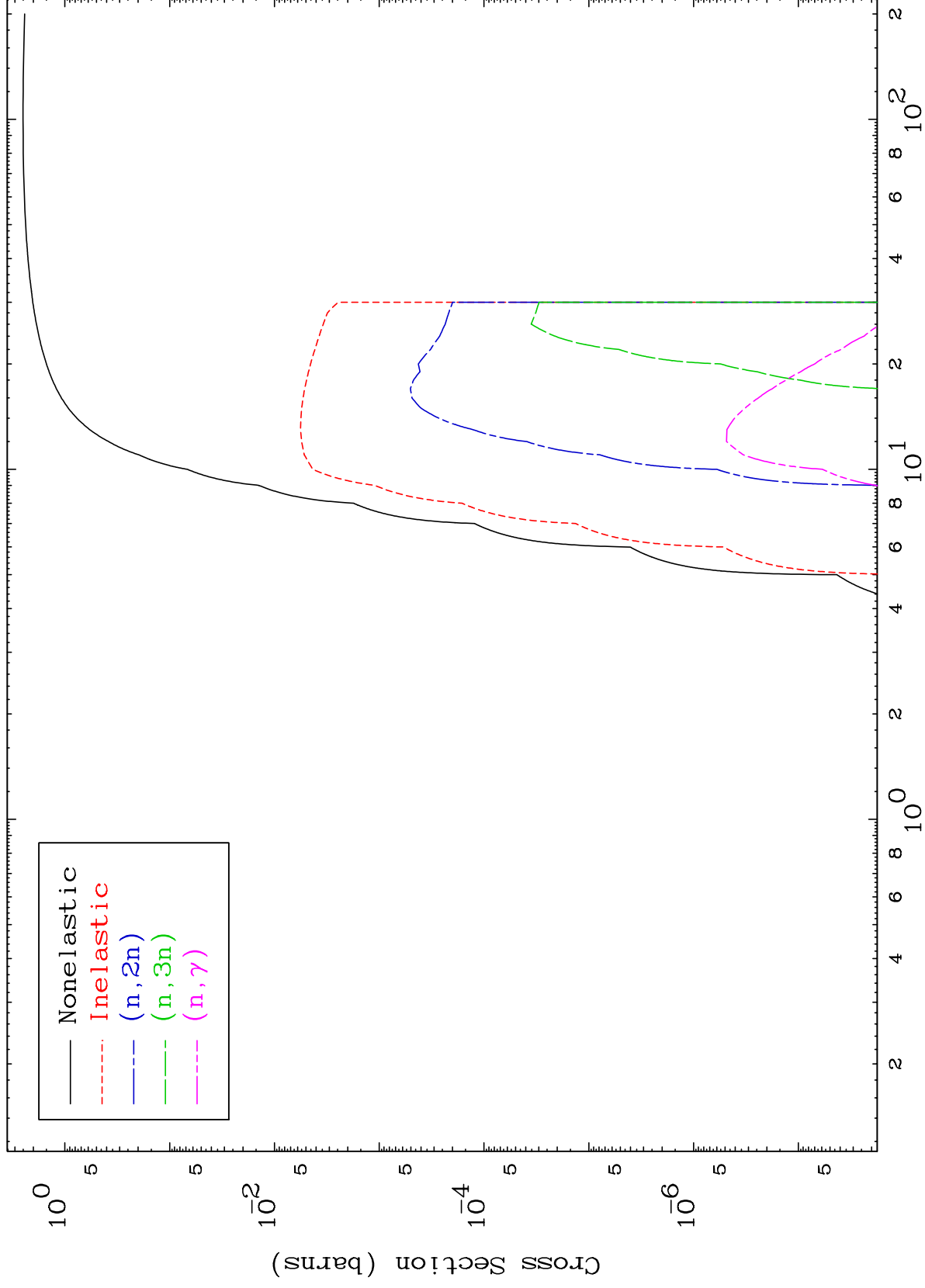
Press Mouse Button to Start

MAT 8269

Triton Major

83-Bi-190m

0 Kelvin Cross Sections



1

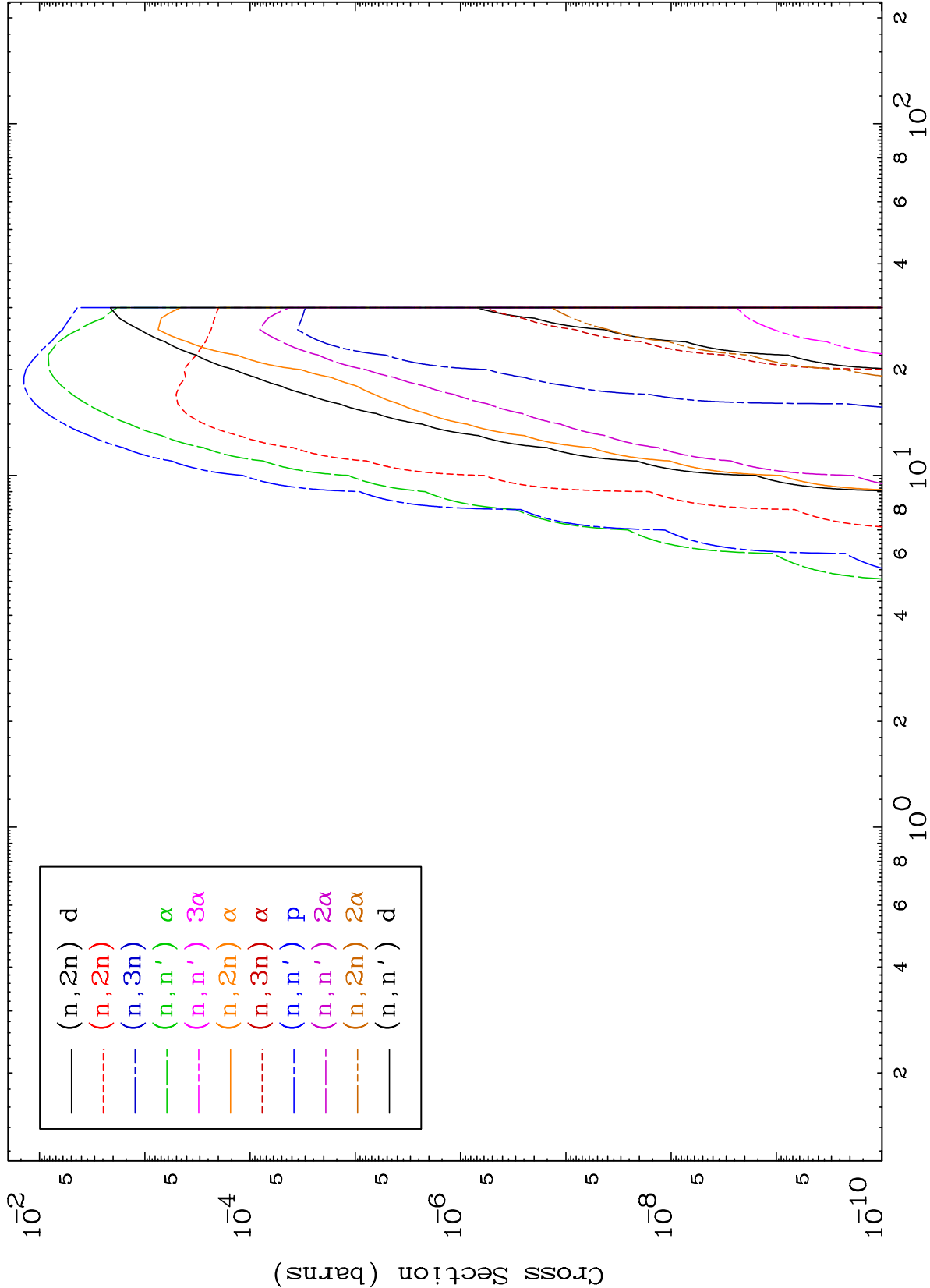
Incident Energy (MeV)

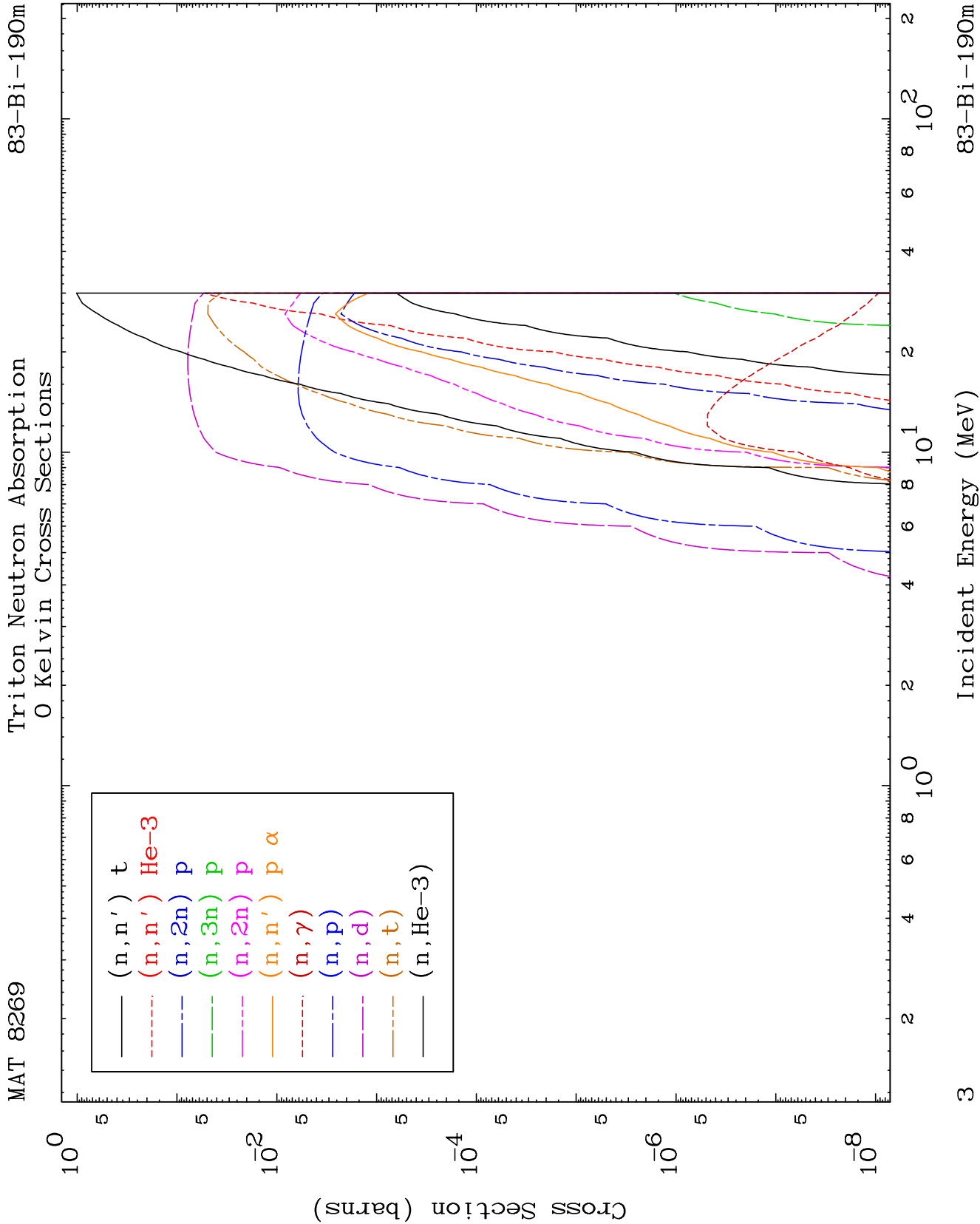
83-Bi-190m

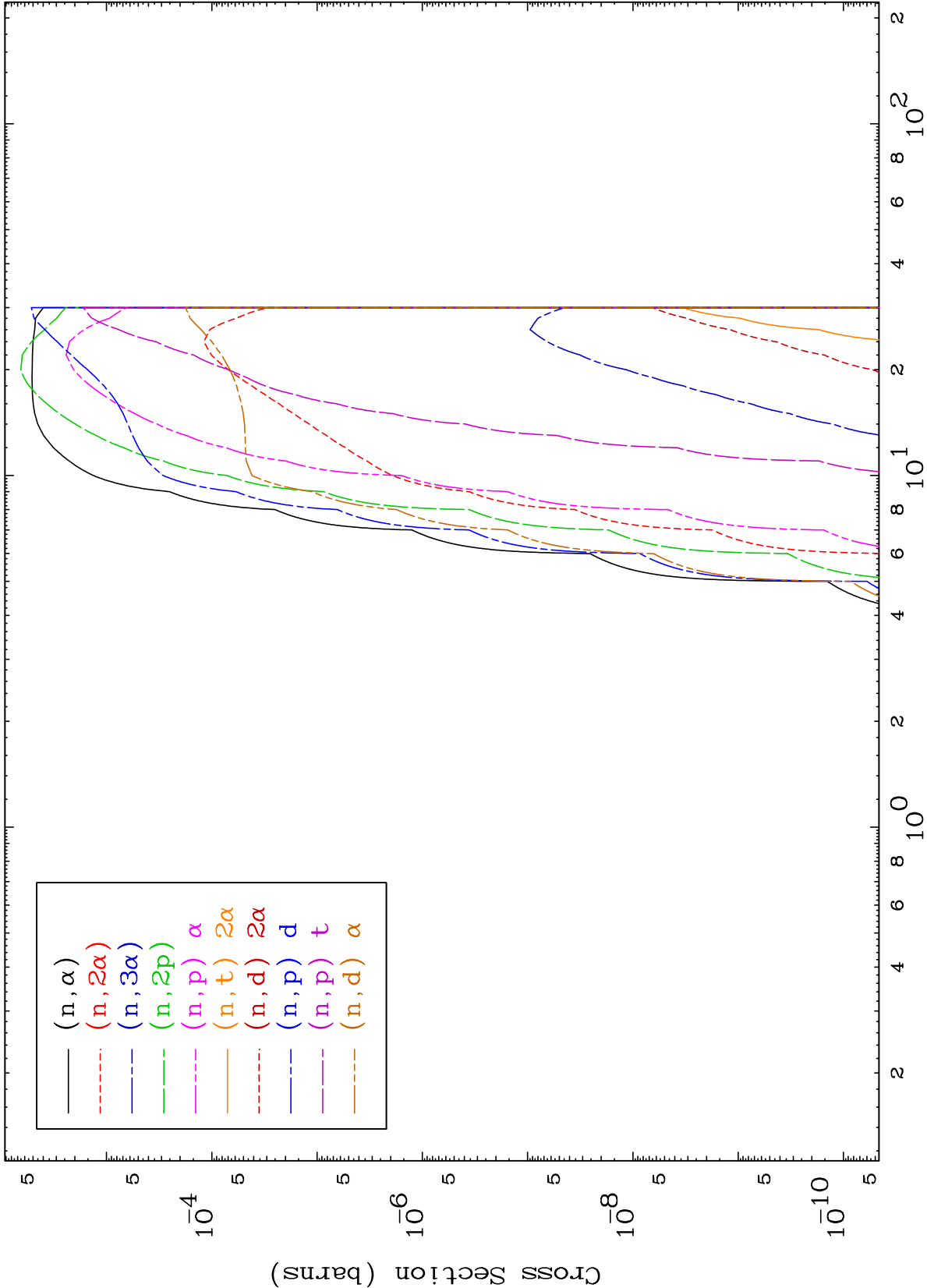
MAT 8269

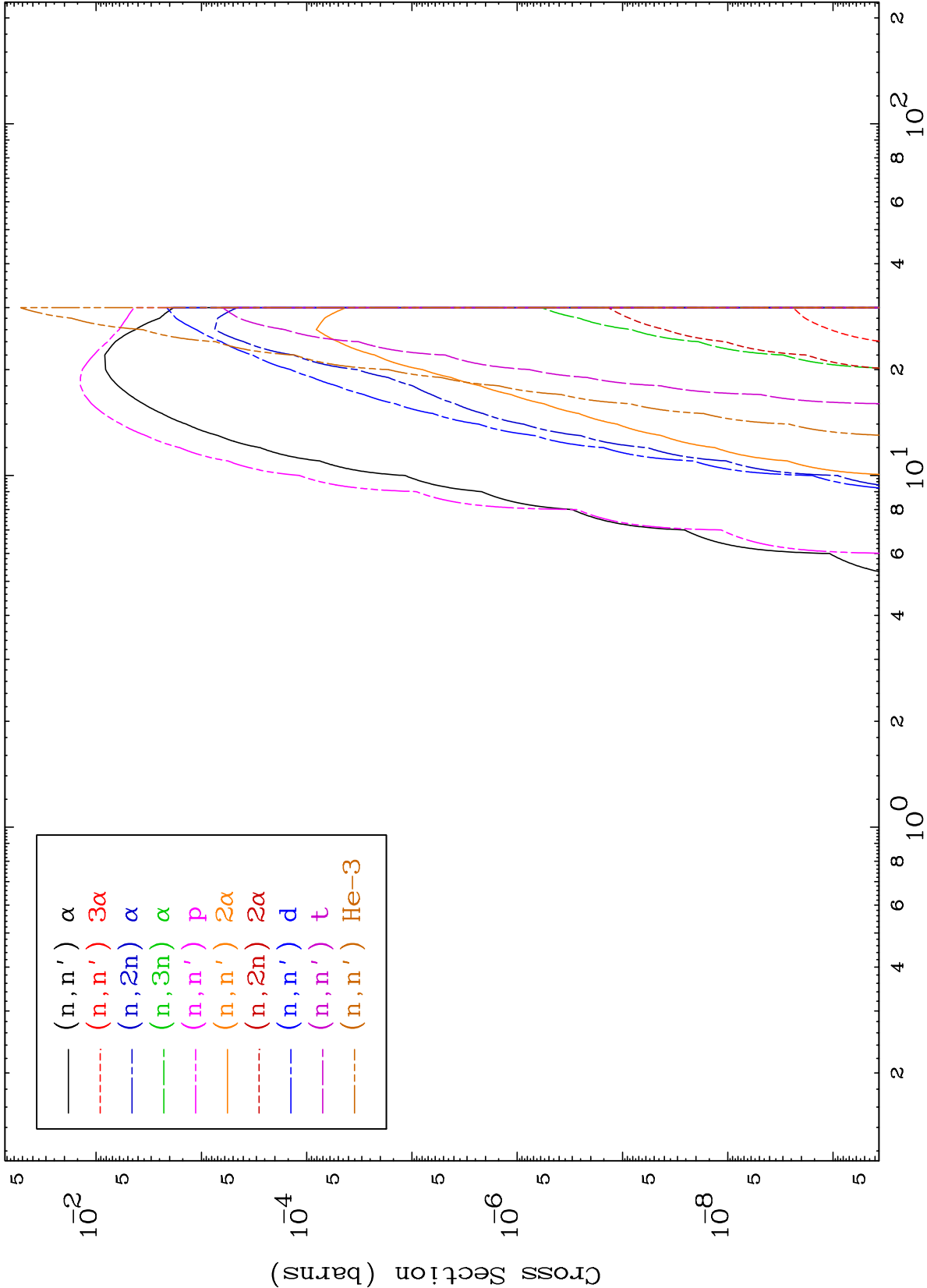
Triton Neutron Absorption
0 Kelvin Cross Sections

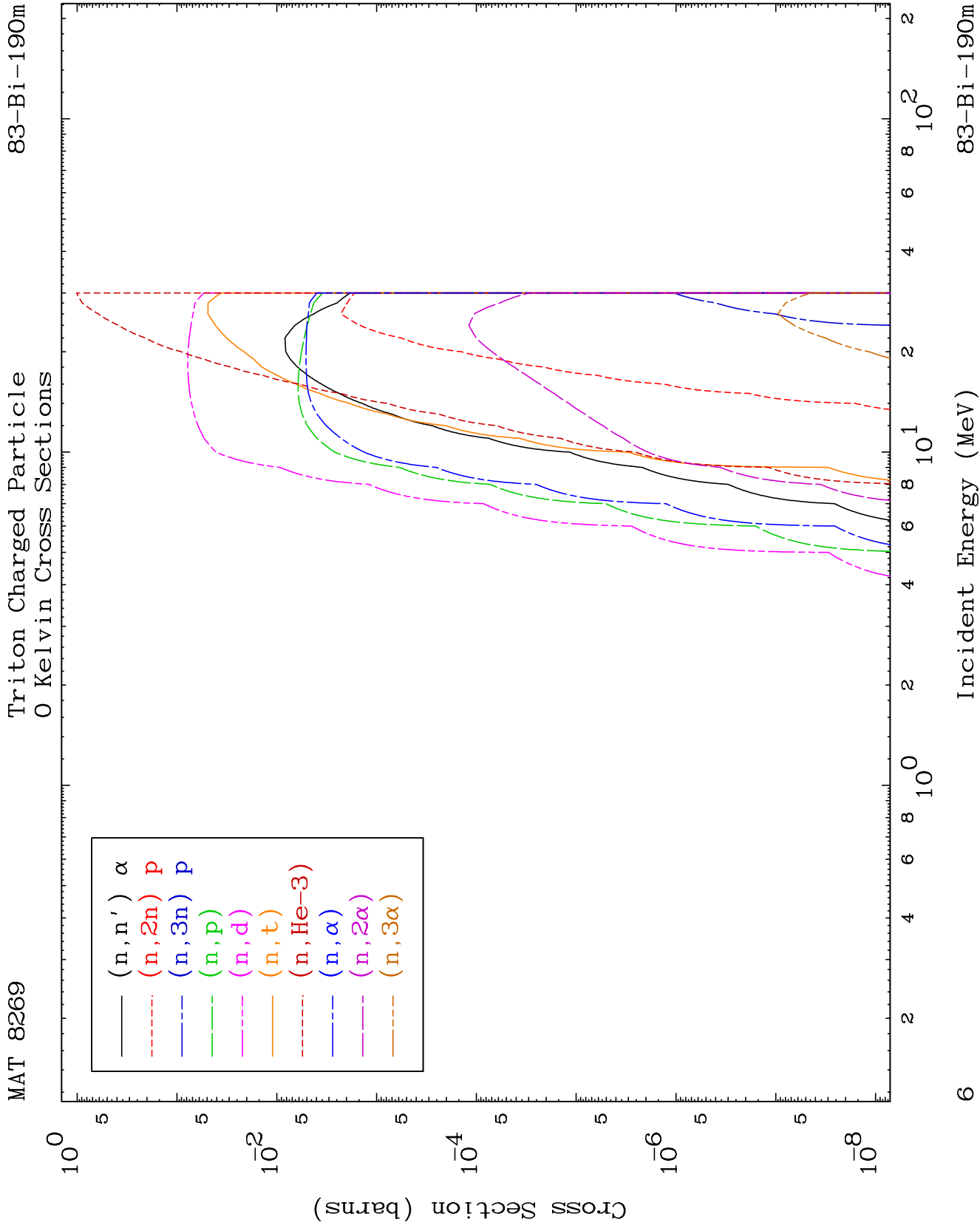
83-Bi-190m

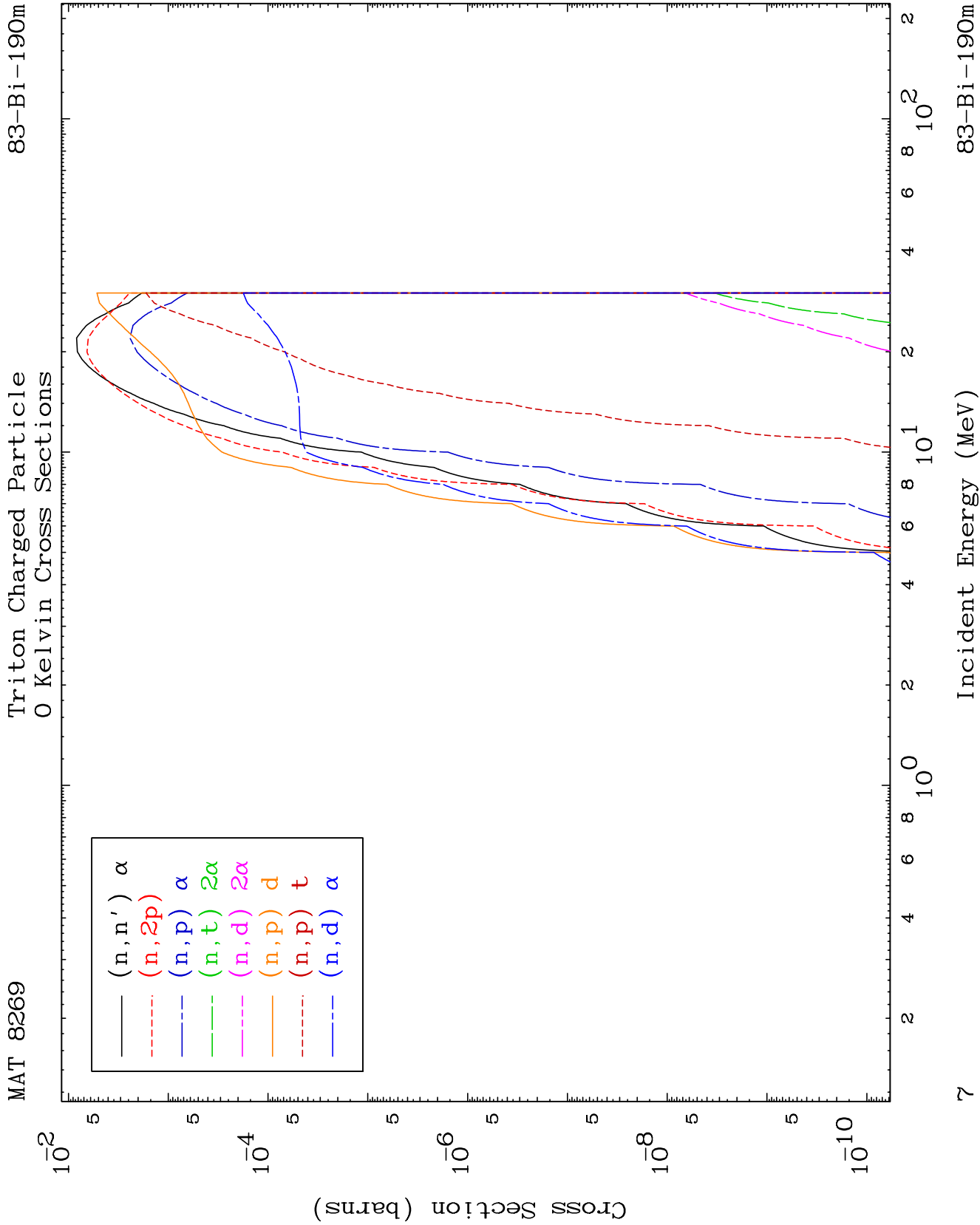








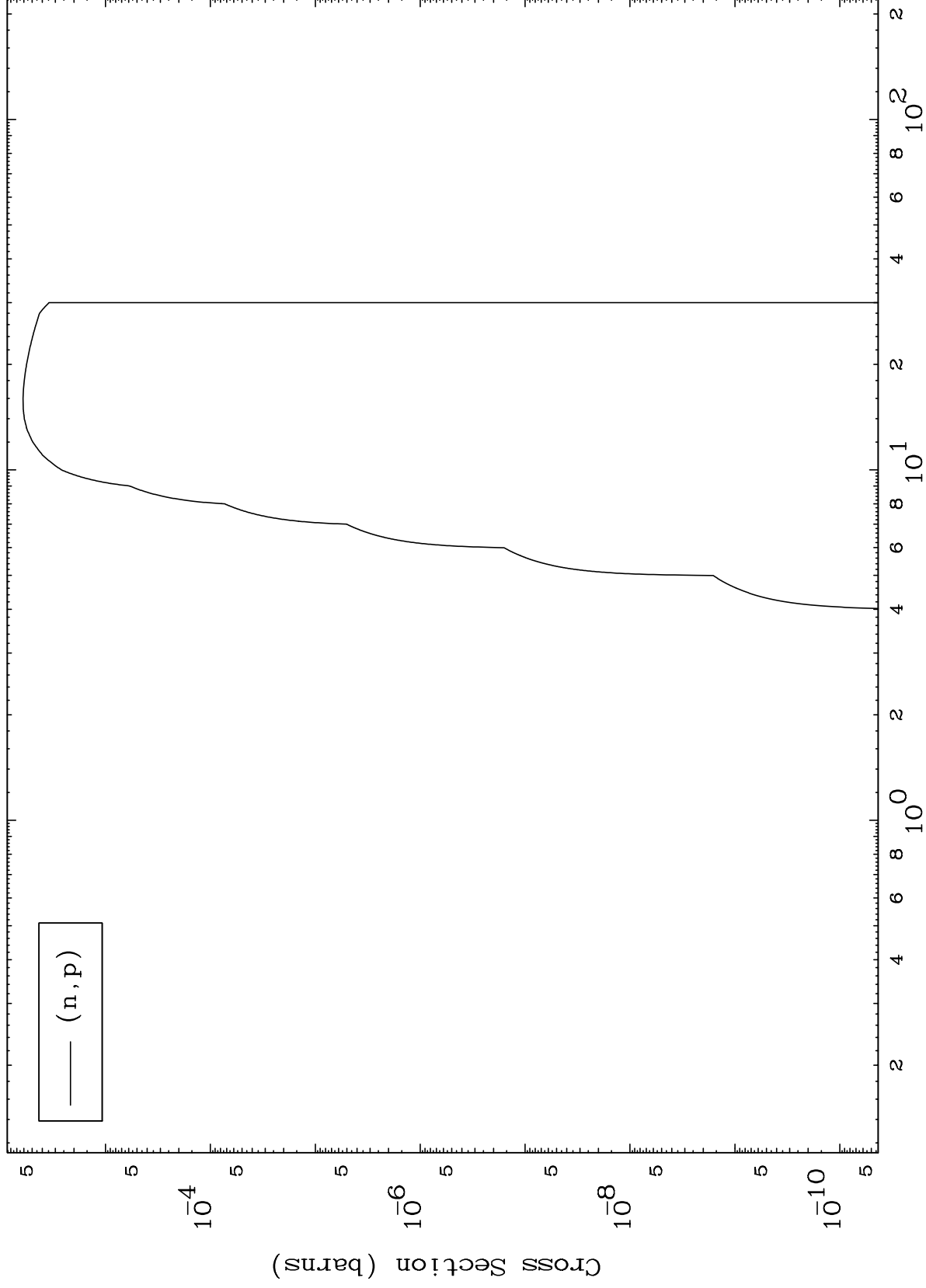




MAT 8269

83-Bi-190m

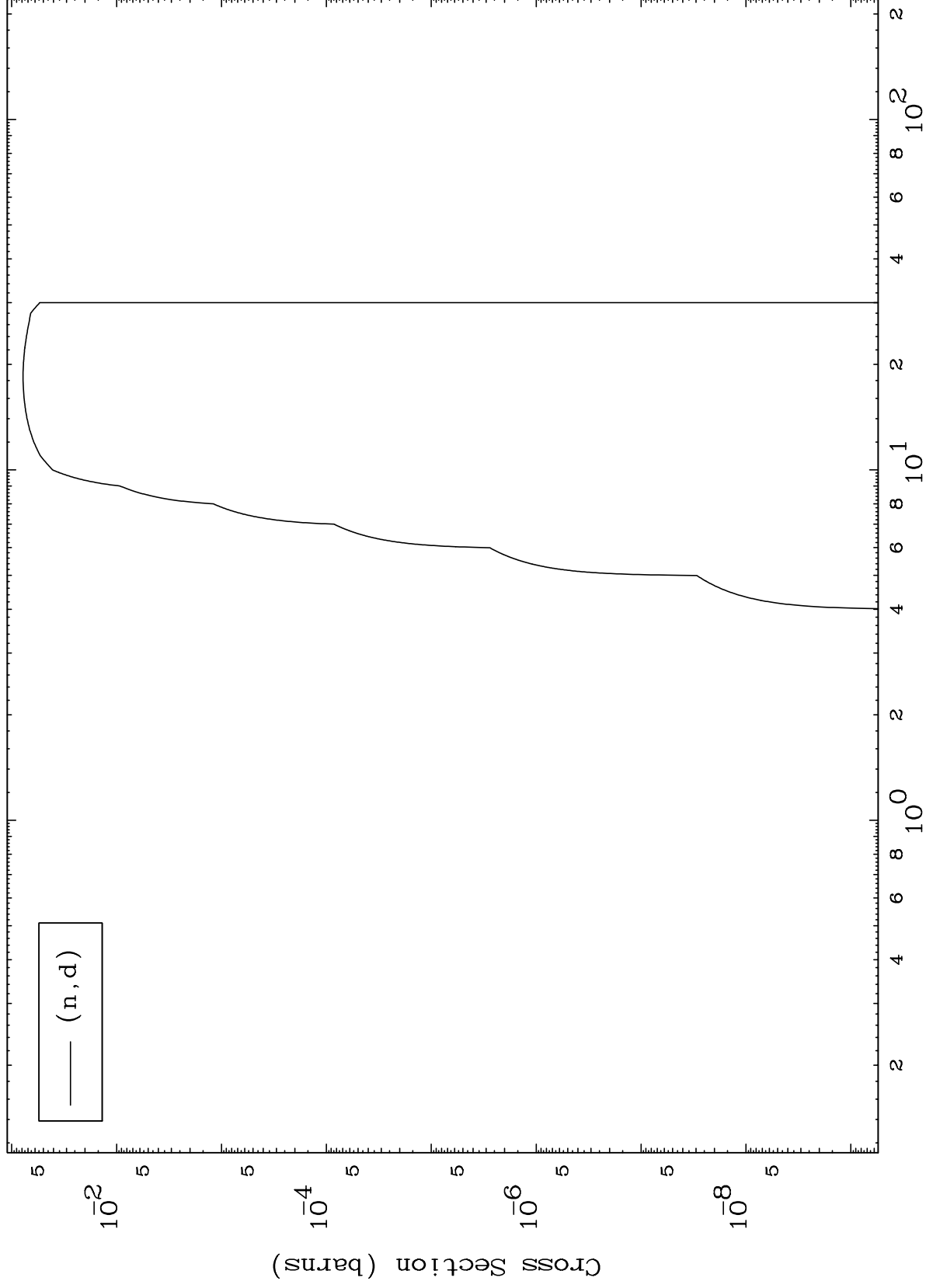
(t,p) Levels
0 Kelvin Cross Sections



MAT 8269

83-Bi-190m

(t,d) Levels
0 Kelvin Cross Sections



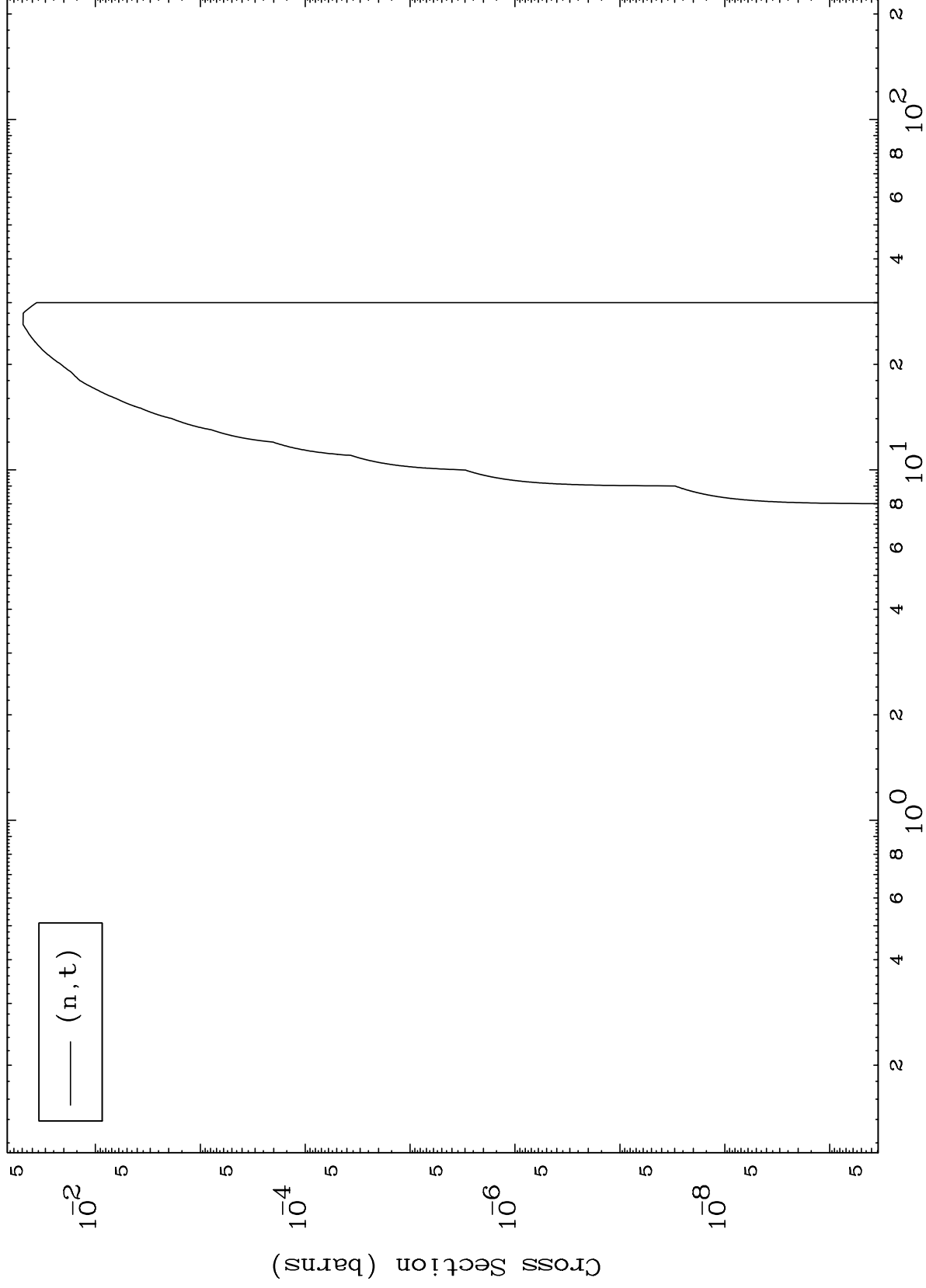
9

83-Bi-190m

MAT 8269

83-Bi-190m

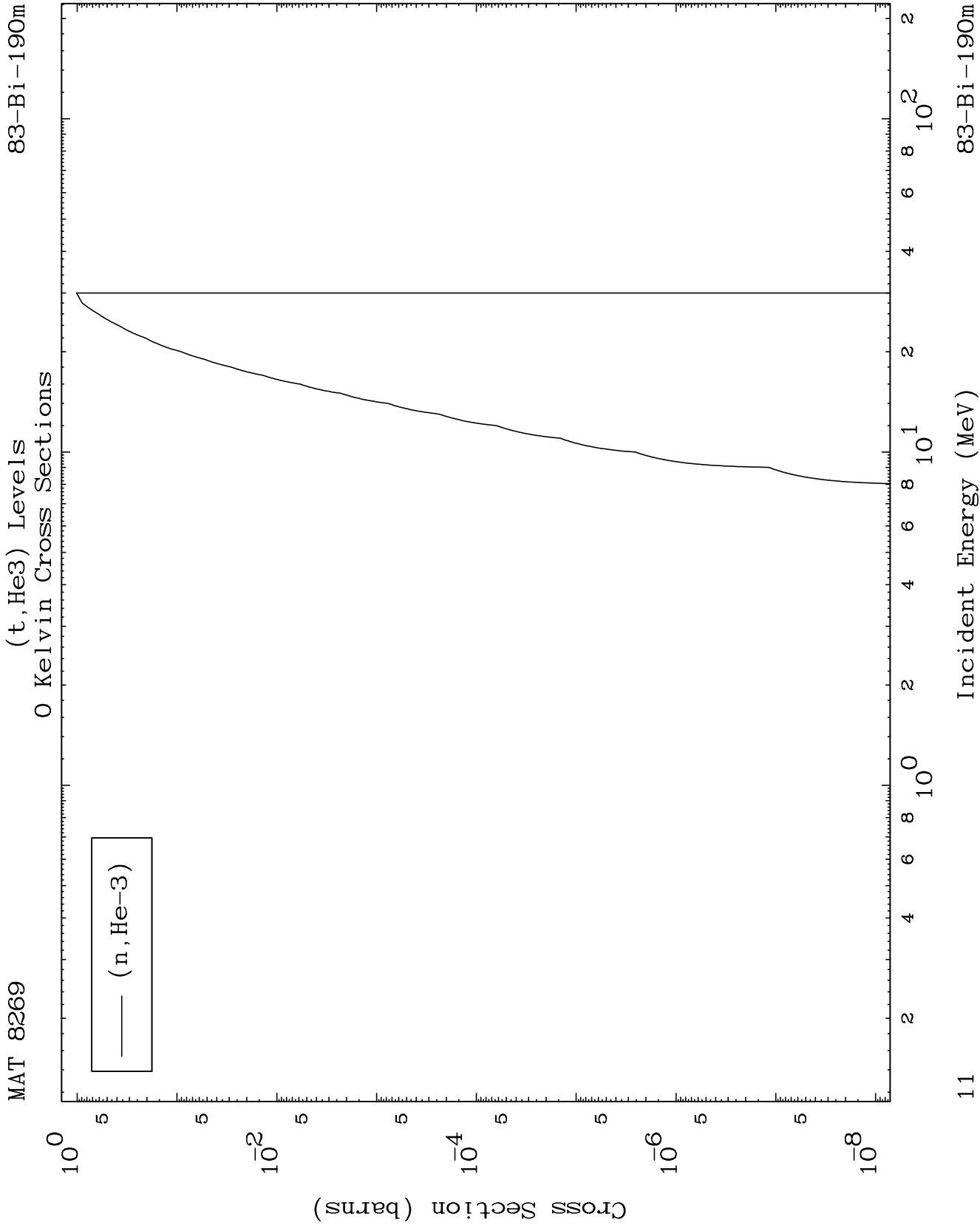
(t,t) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

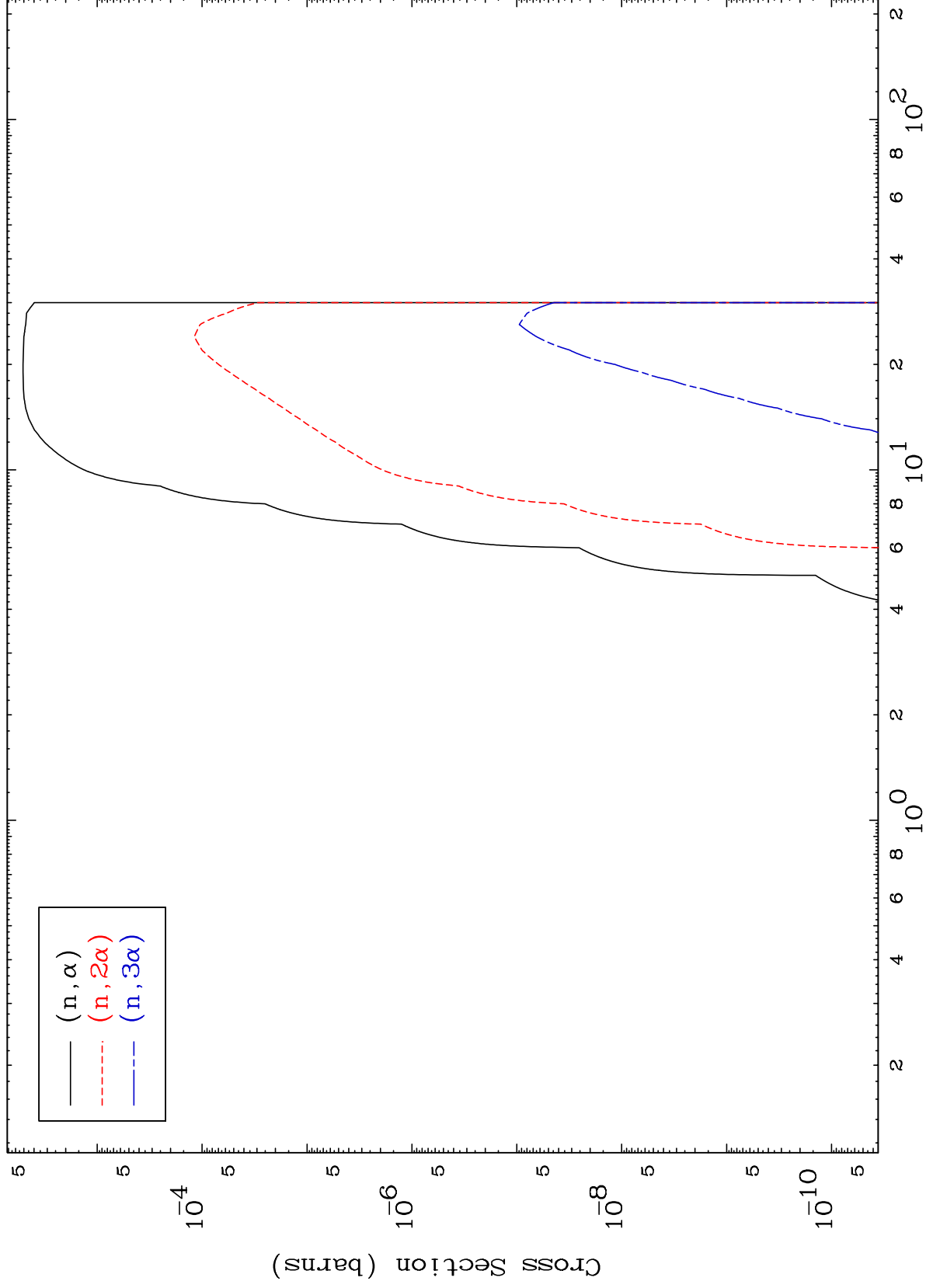
83-Bi-190m



MAT 8269

83-Bi-190m

(t, α) Levels
0 Kelvin Cross Sections



12

Incident Energy (MeV)

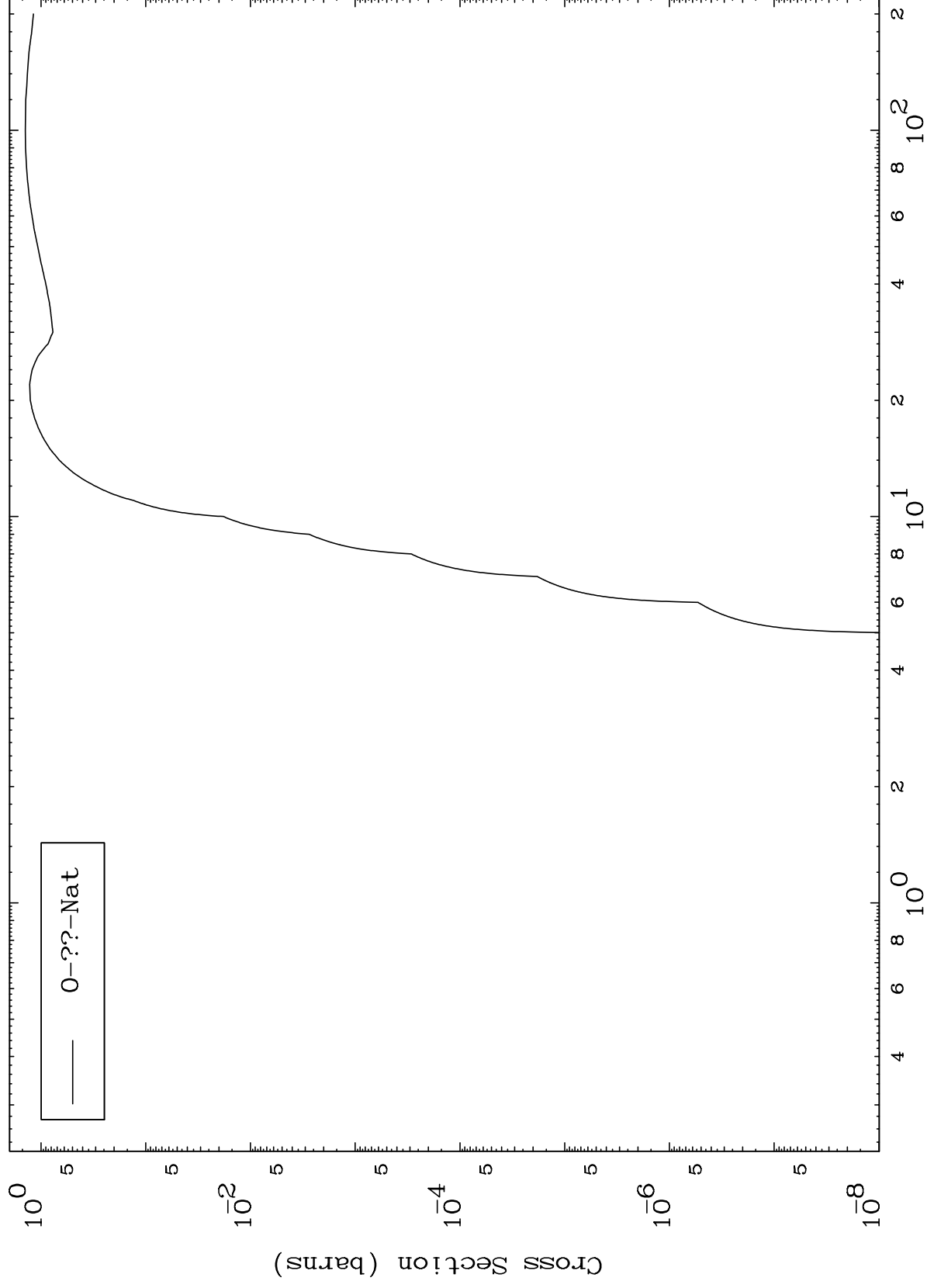
83-Bi-190m

MAT 8269

Fission

$^{83}\text{Bi}-190\text{m}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

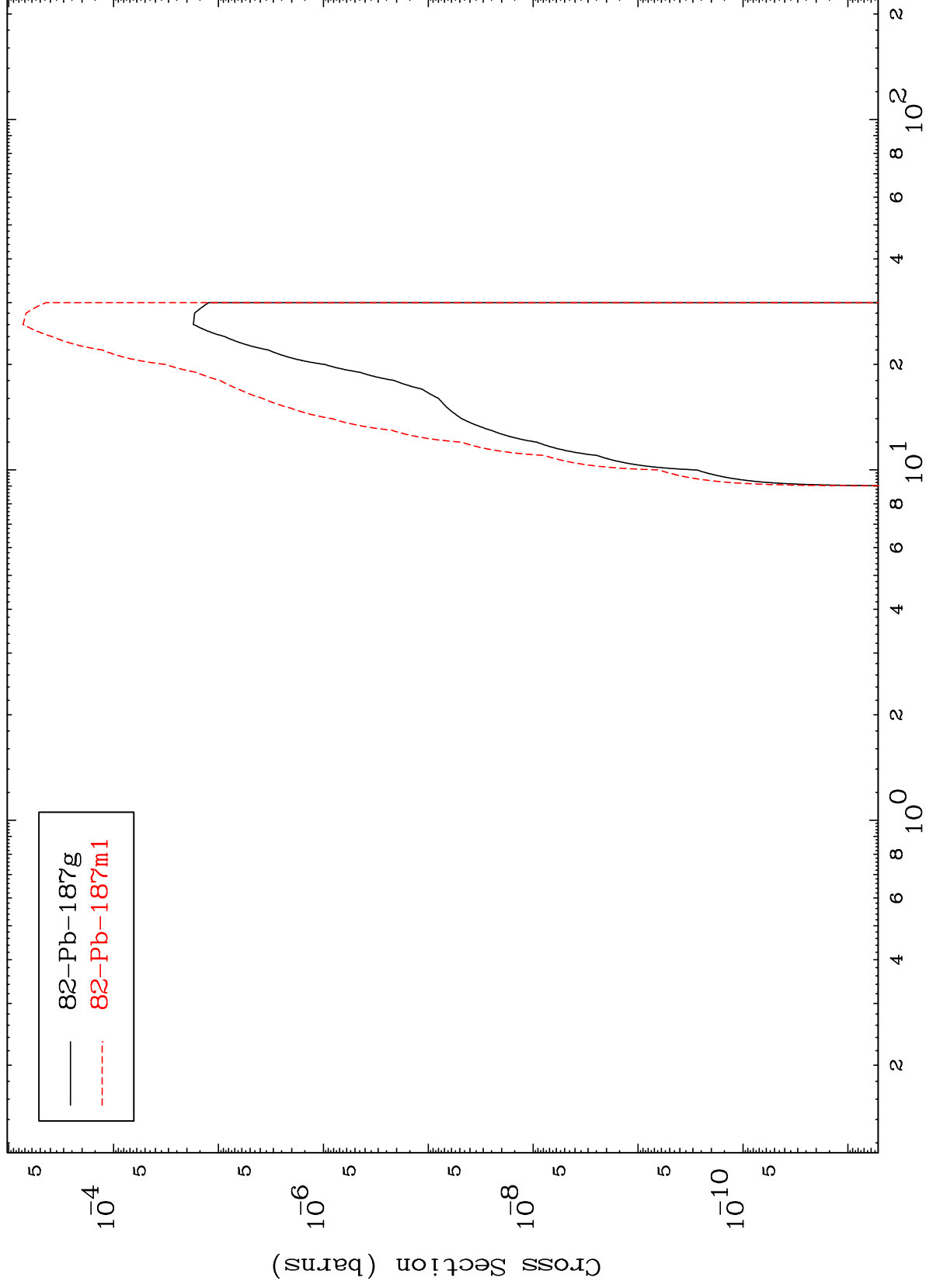
$^{83}\text{Bi}-190\text{m}$

MAT 8269

$(n,2n) \alpha$

83-Bi-190m

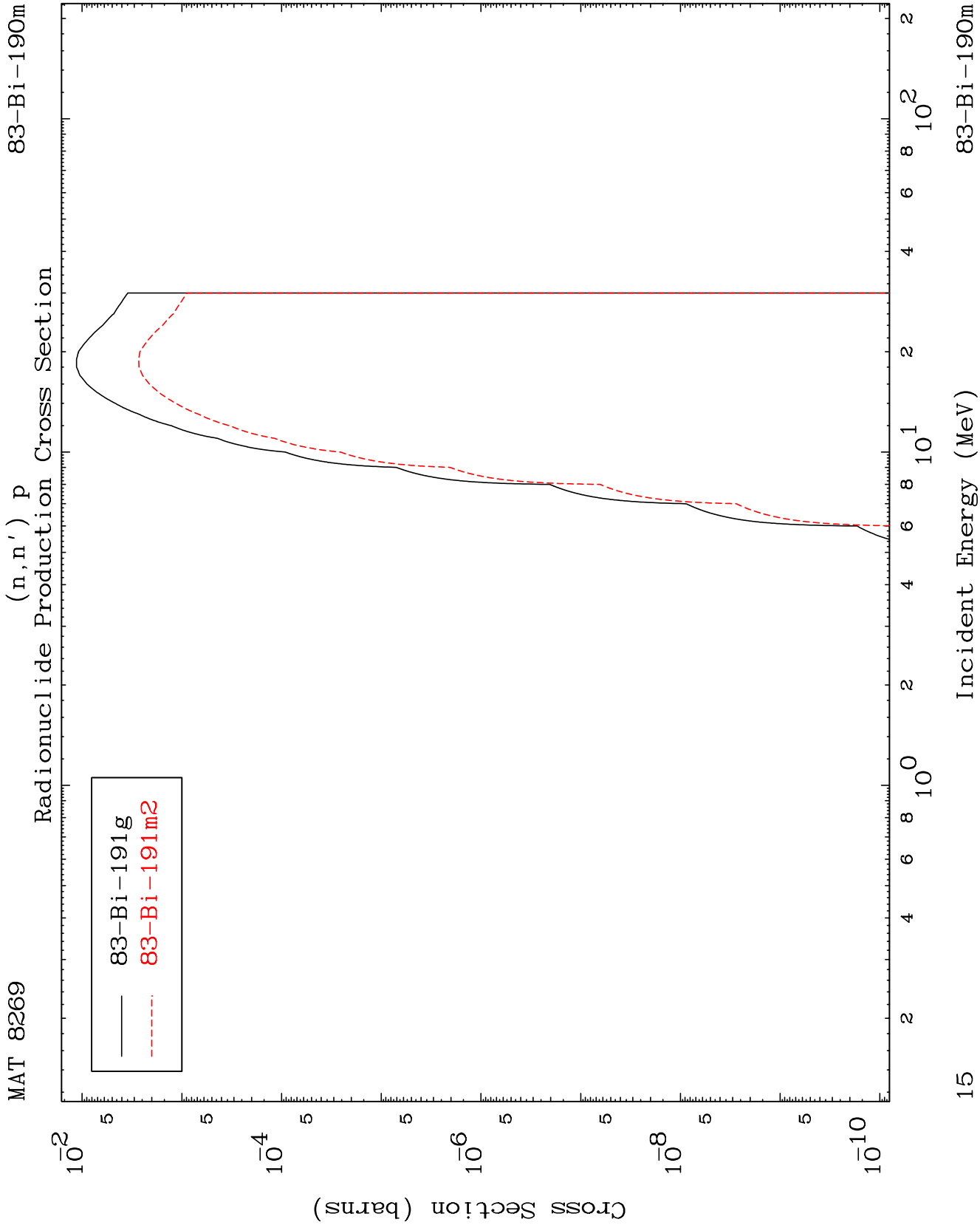
Radionuclide Production Cross Section



14

Incident Energy (MeV)

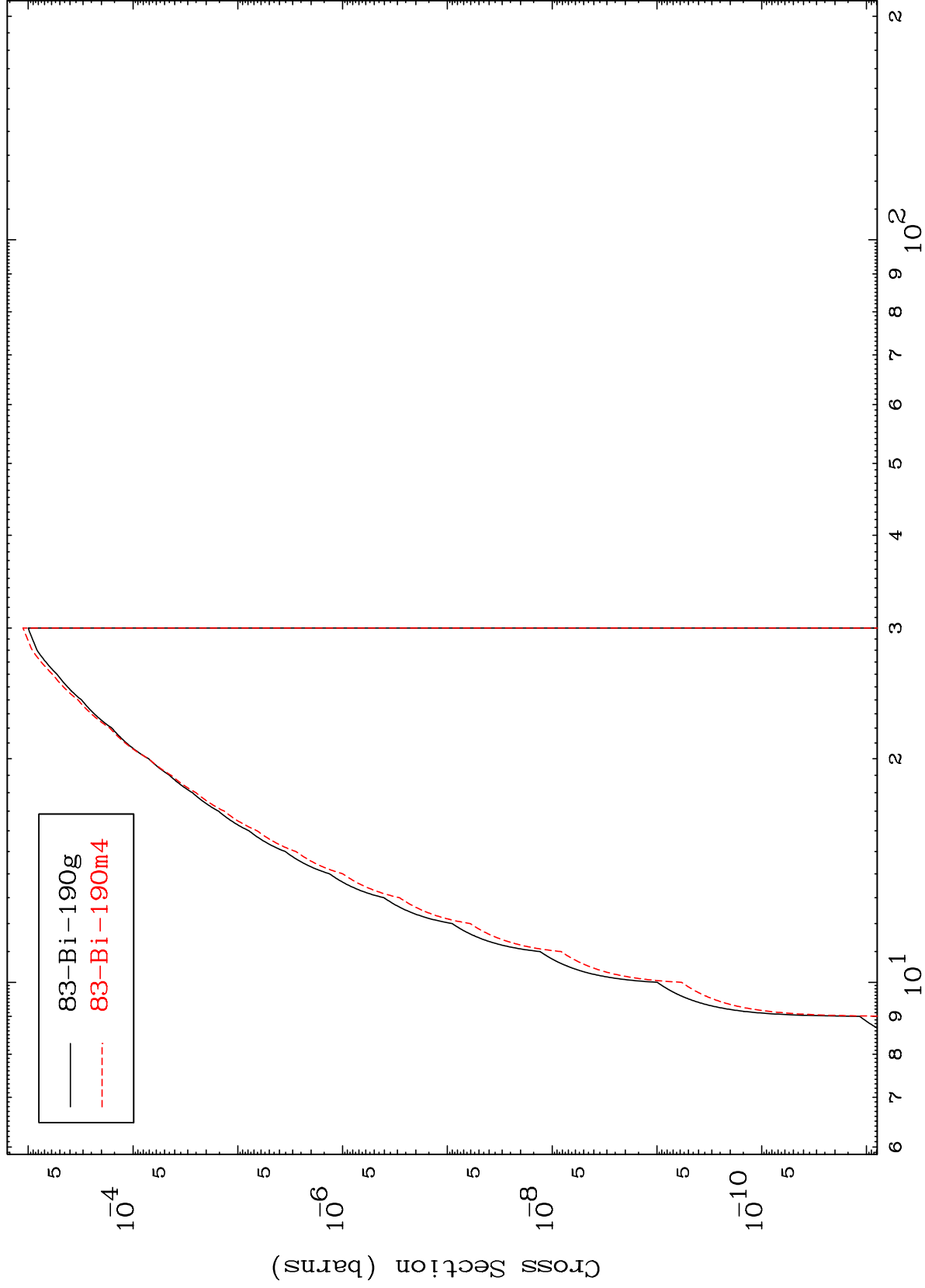
83-Bi-190m



MAT 8269

83-Bi-190m

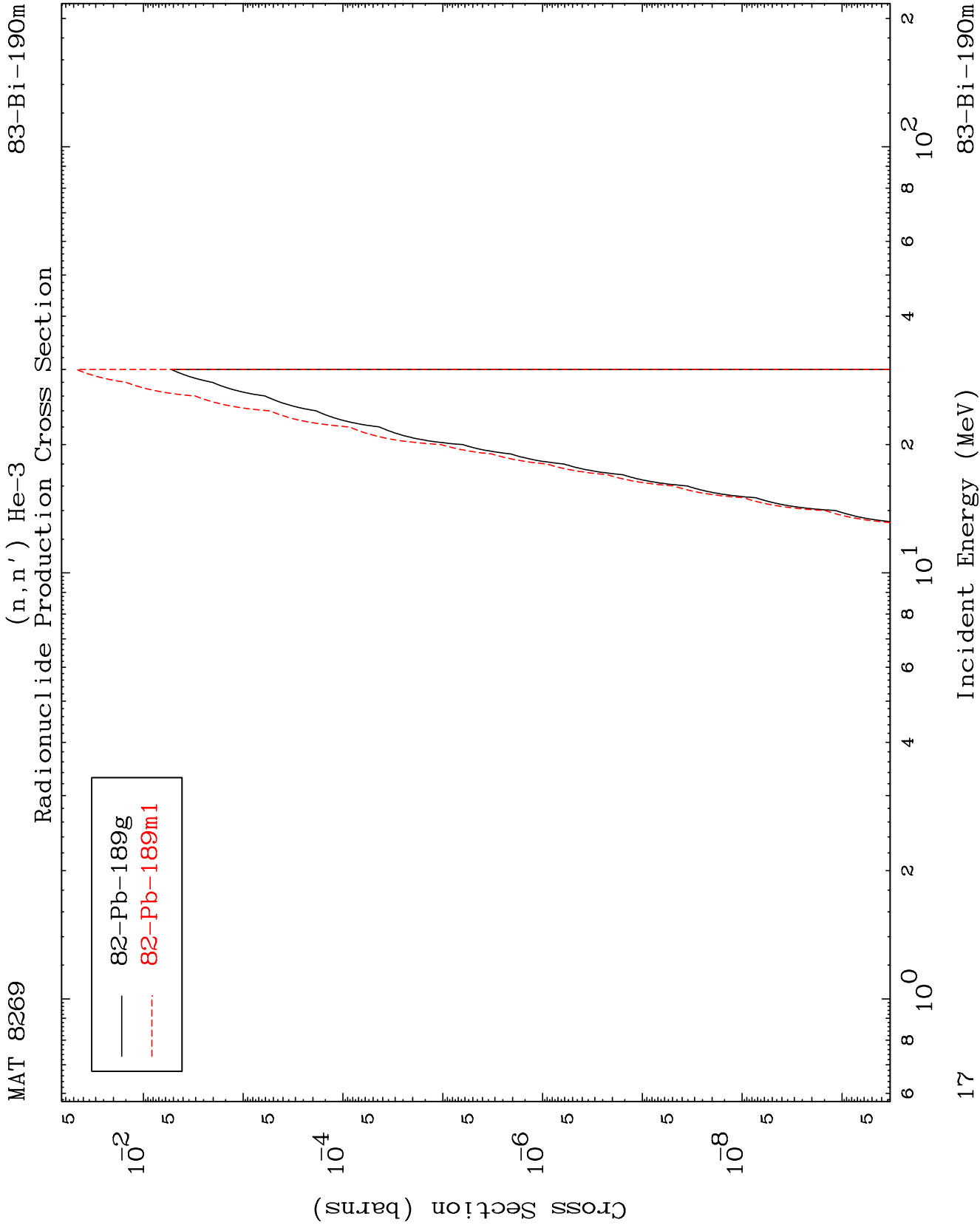
(n,n') d
Radionuclide Production Cross Section



83-Bi-190m

Incident Energy (MeV)

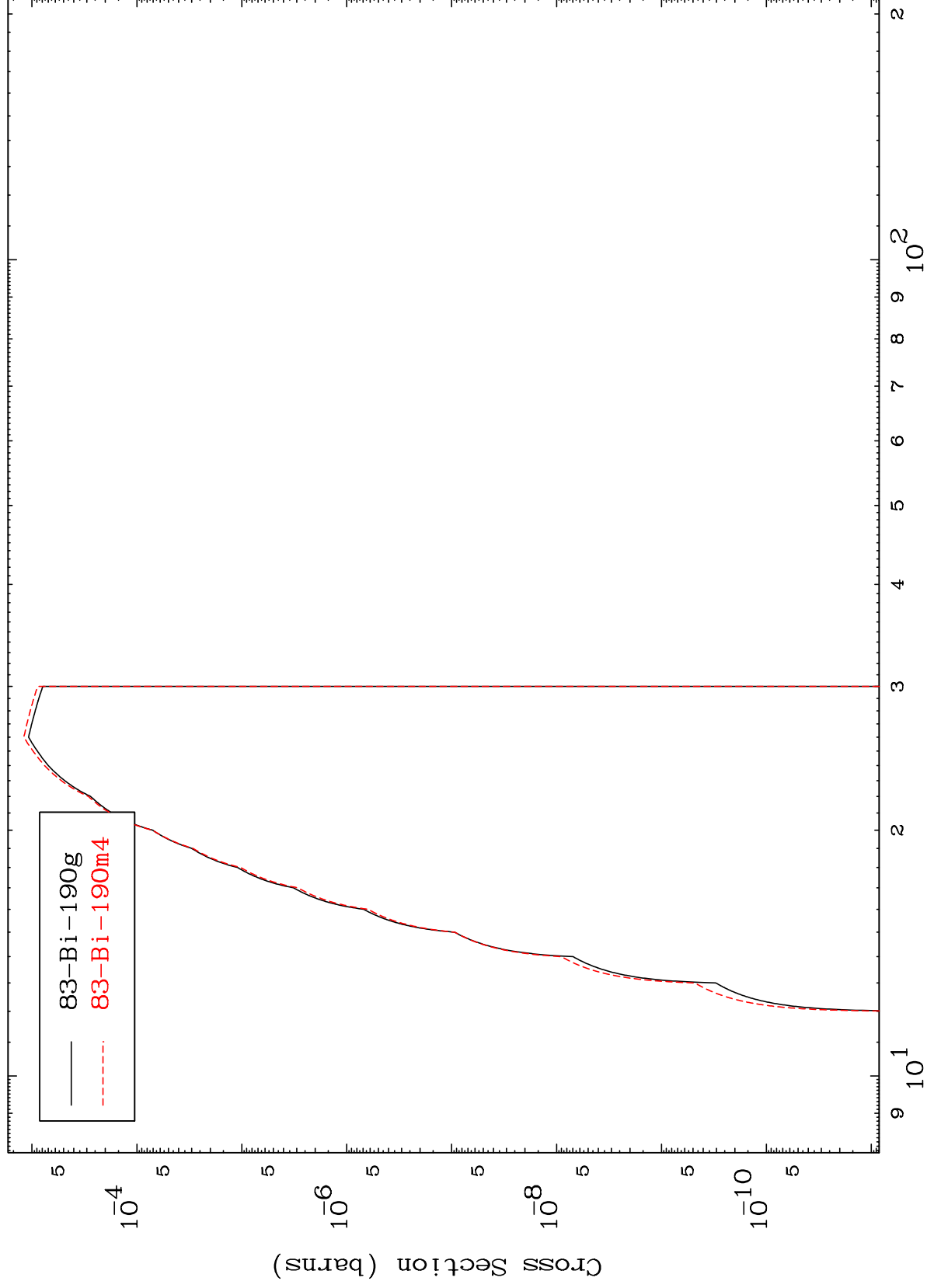
16



MAT 8269

83-Bi-190m

(n,2n) p
Radionuclide Production Cross Section



83-Bi-190m

Incident Energy (MeV)

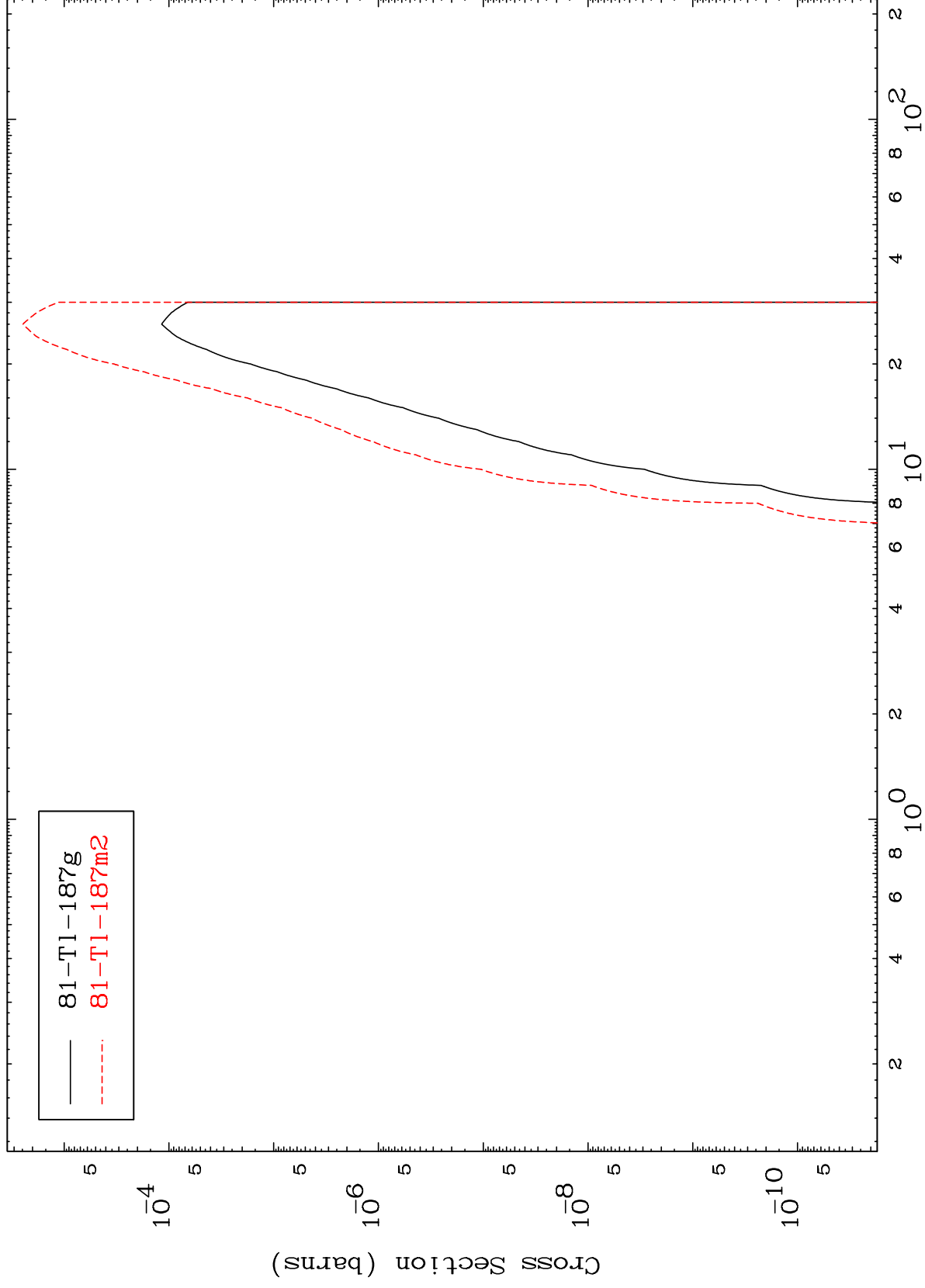
18

MAT 8269

(n,n') p α

83-Bi-190m

Radionuclide Production Cross Section



19

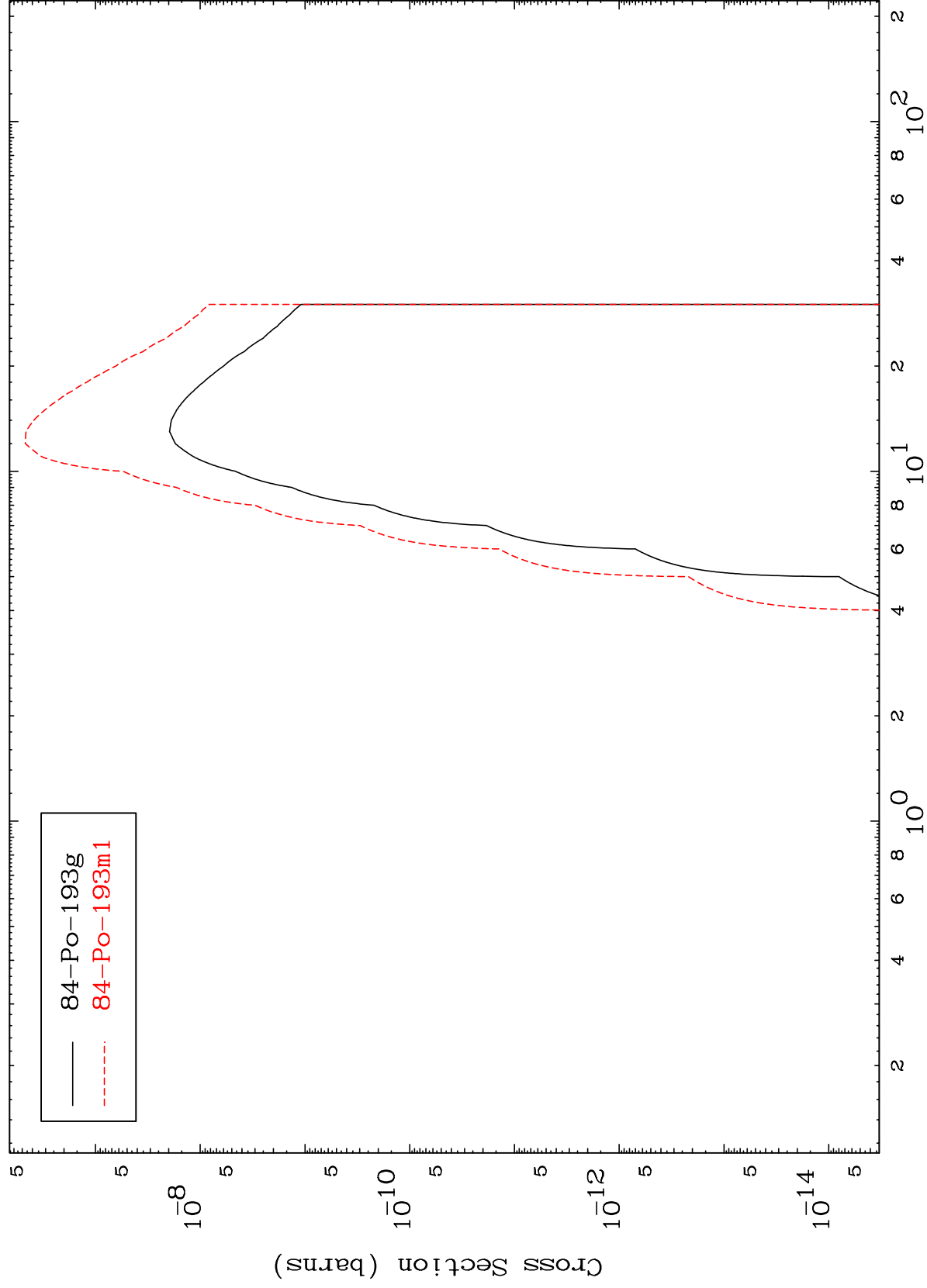
Incident Energy (MeV)

83-Bi-190m

MAT 8269

83-Bi-190m

(n, γ)
Radionuclide Production Cross Section



20

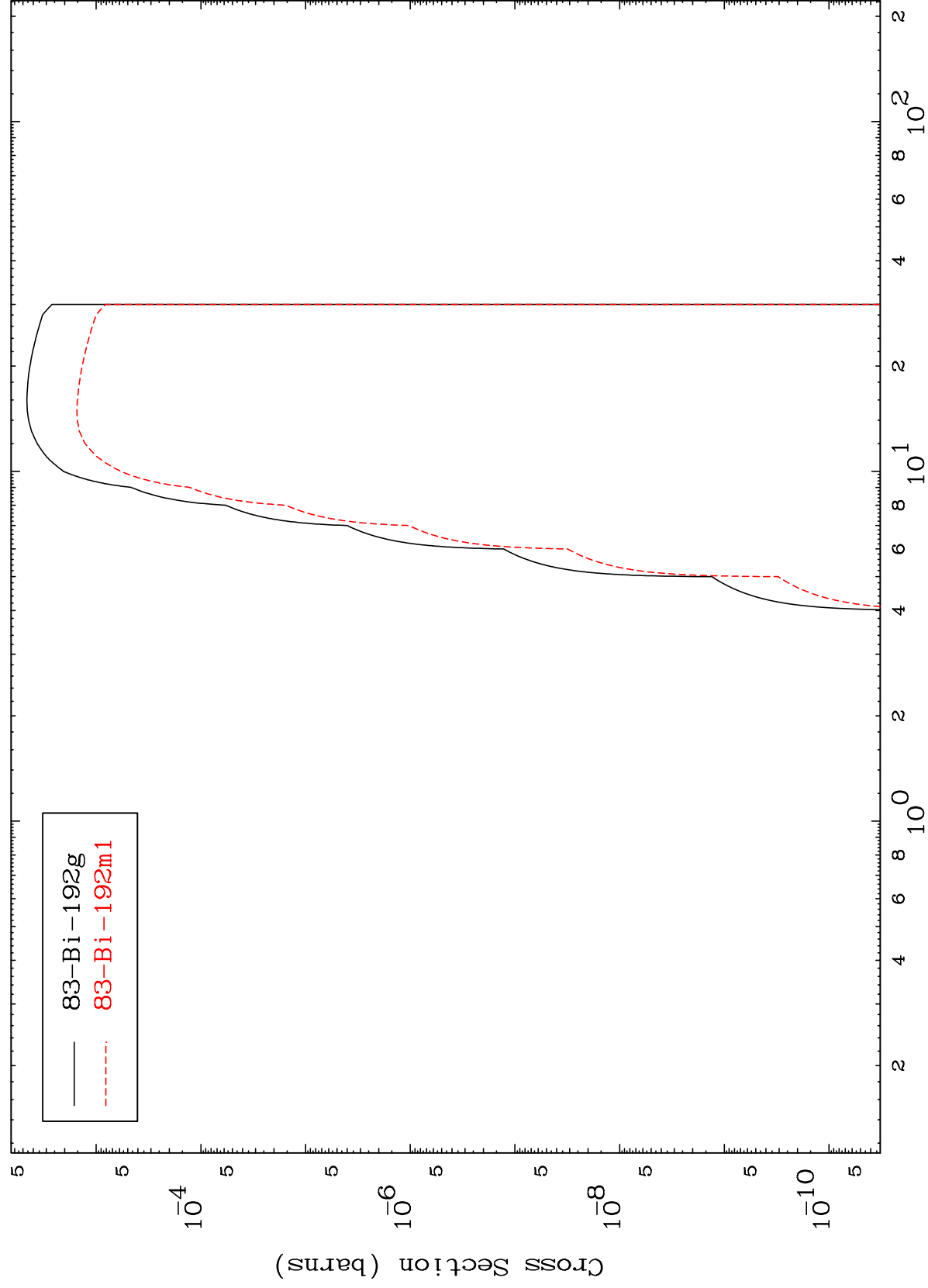
Incident Energy (MeV)

83-Bi-190m

MAT 8269

83-Bi-190m

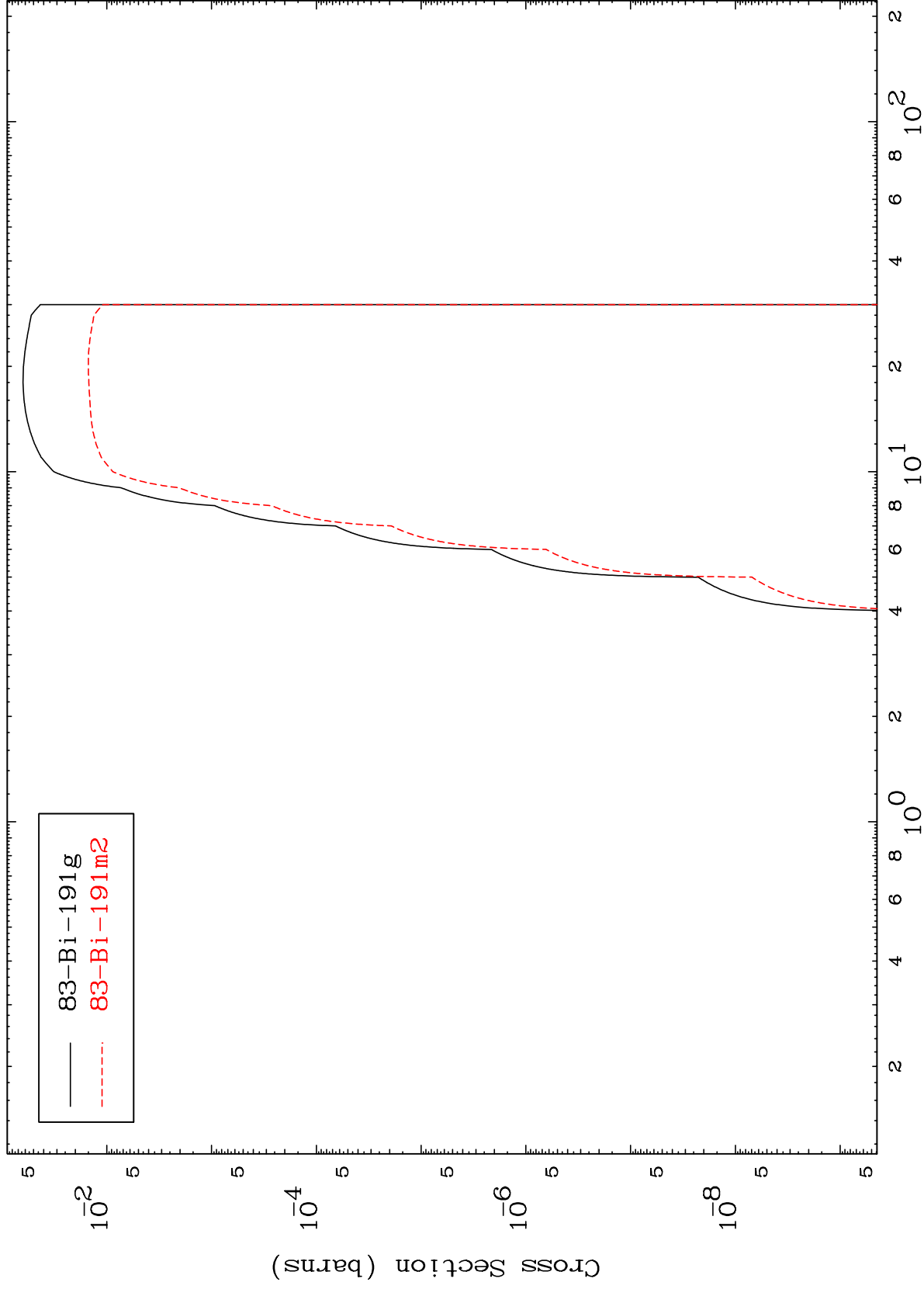
(n,p)
Radionuclide Production Cross Section



MAT 8269

83-Bi-190m

(n,d)
Radionuclide Production Cross Section



22

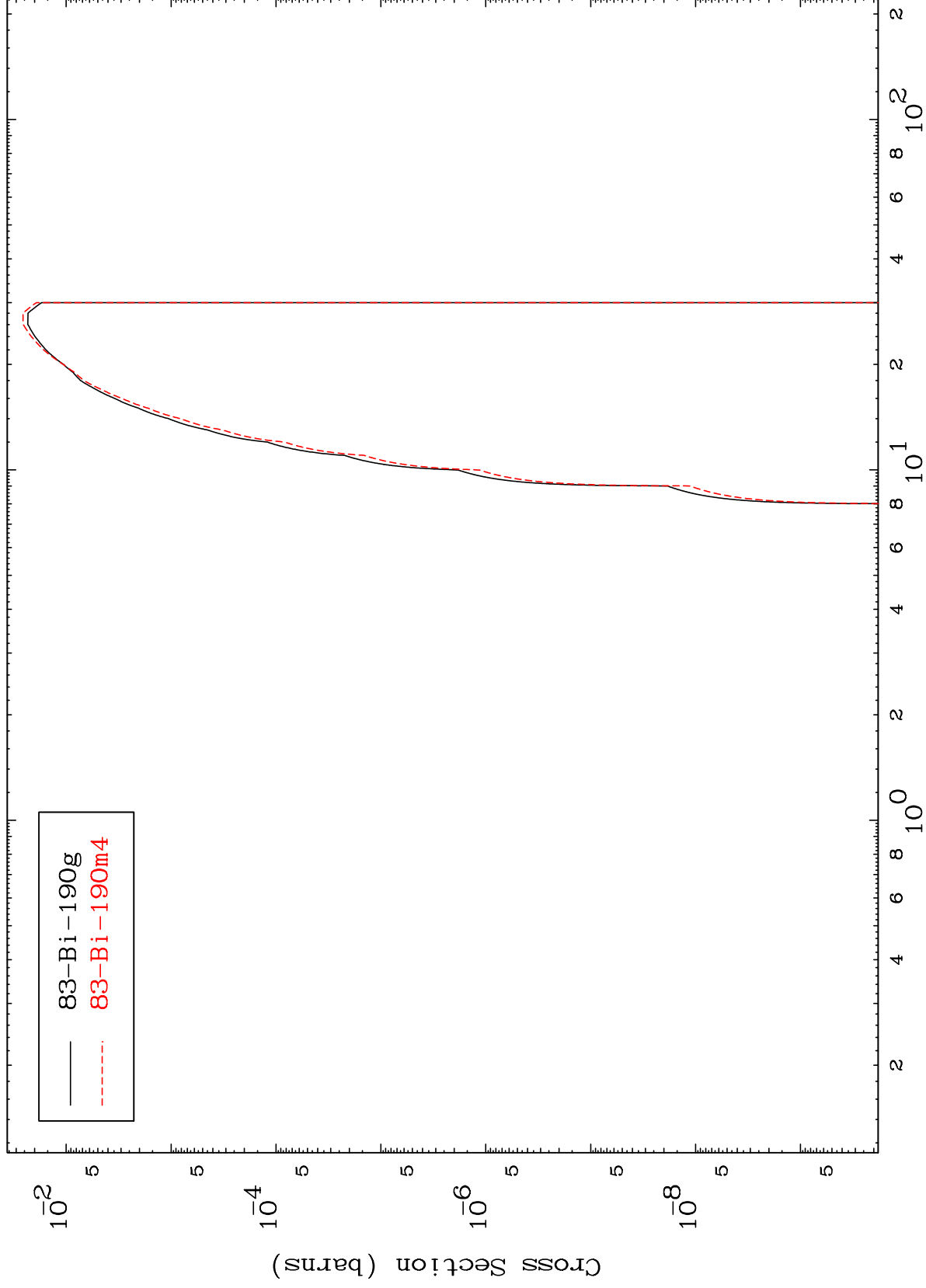
Incident Energy (MeV)

83-Bi-190m

MAT 8269

83-Bi-190m

(n,t)
Radionuclide Production Cross Section



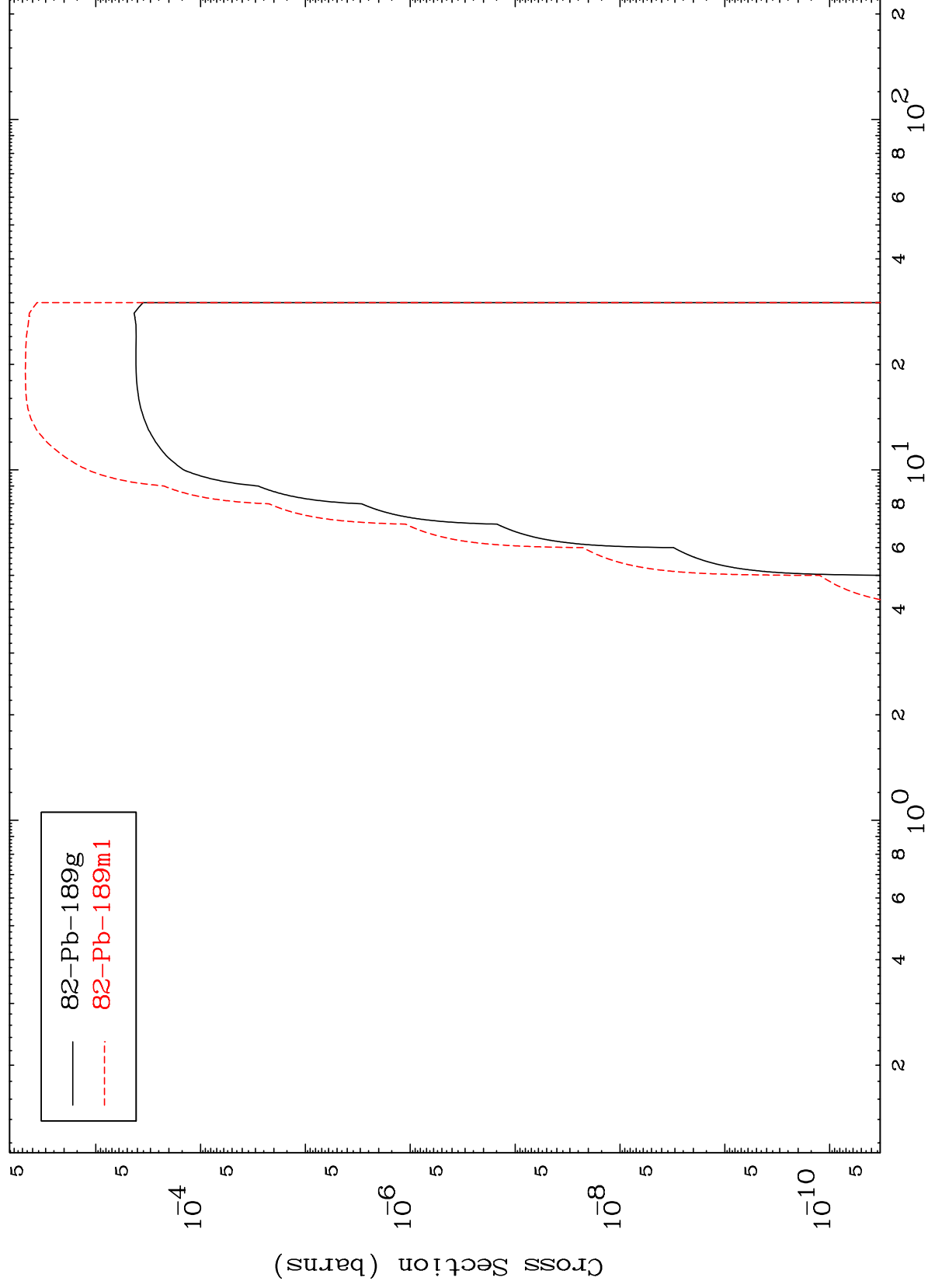
23

83-Bi-190m

MAT 8269

83-Bi-190m

Radionuclide Production Cross Section



24

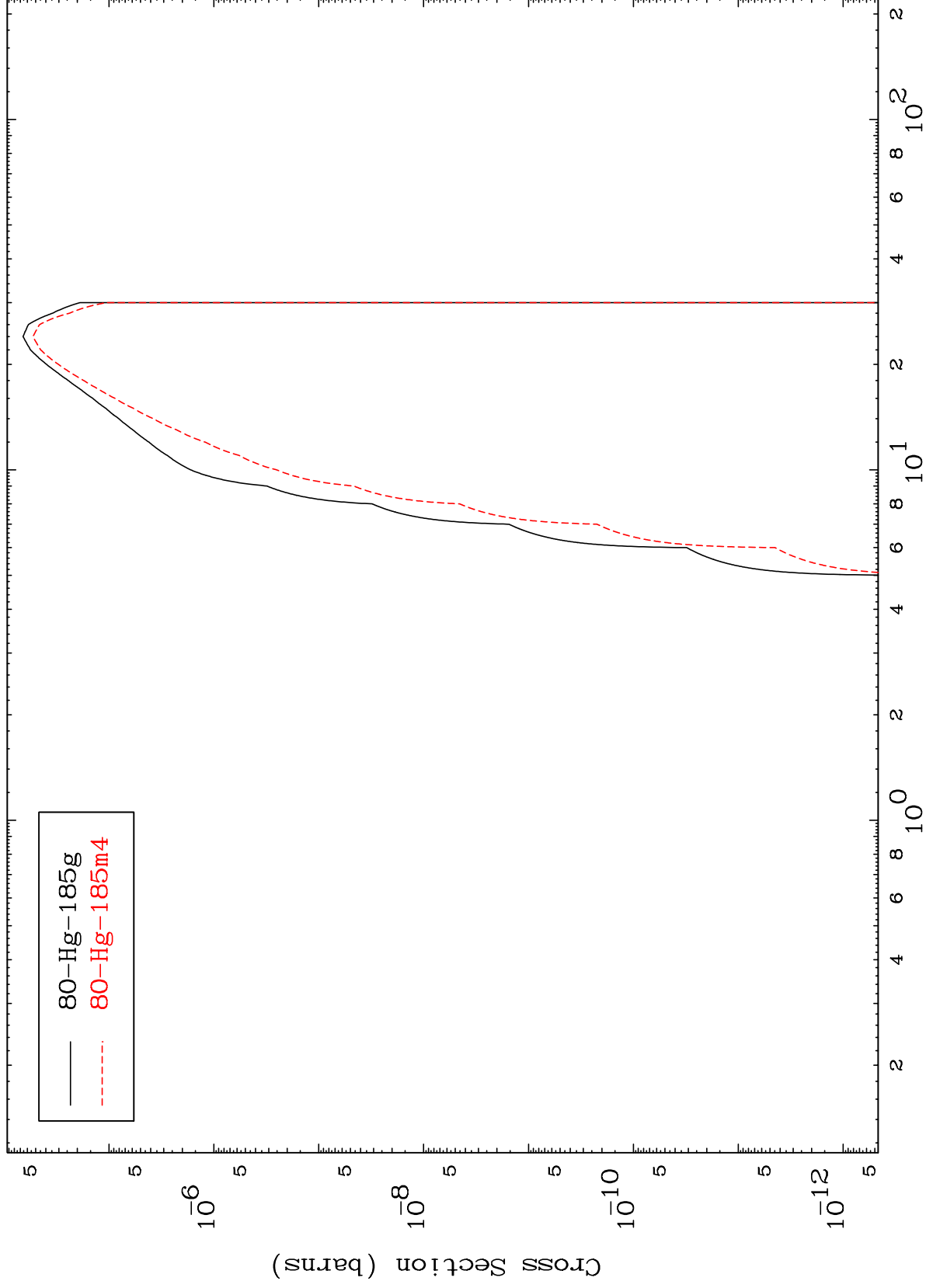
Incident Energy (MeV)

83-Bi-190m

MAT 8269

83-Bi-190m

Radionuclide Production Cross Section
(n,2 α)



25

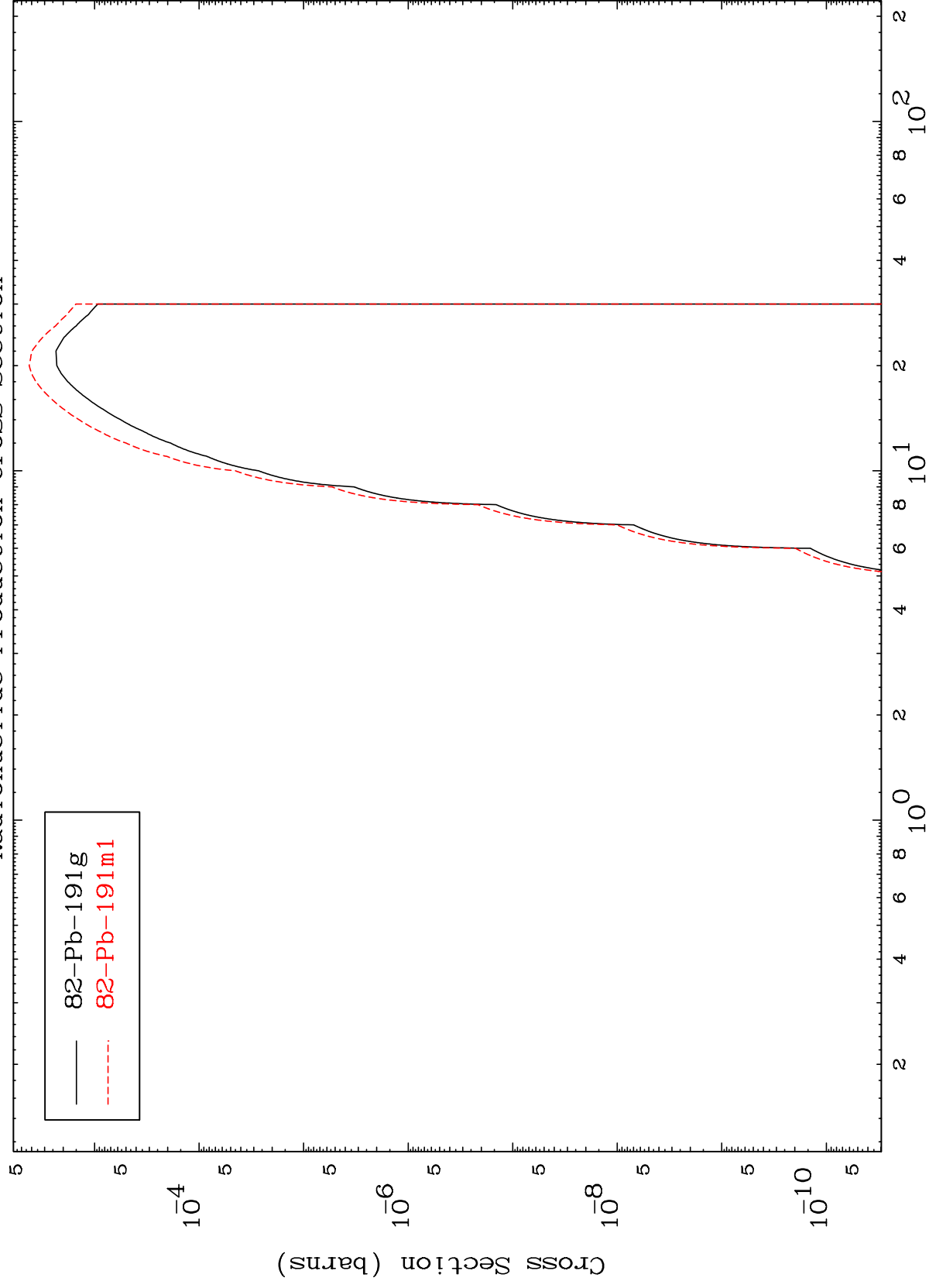
Incident Energy (MeV)

83-Bi-190m

MAT 8269

83-Bi-190m

Radionuclide Production Cross Section
(n,2p)



26

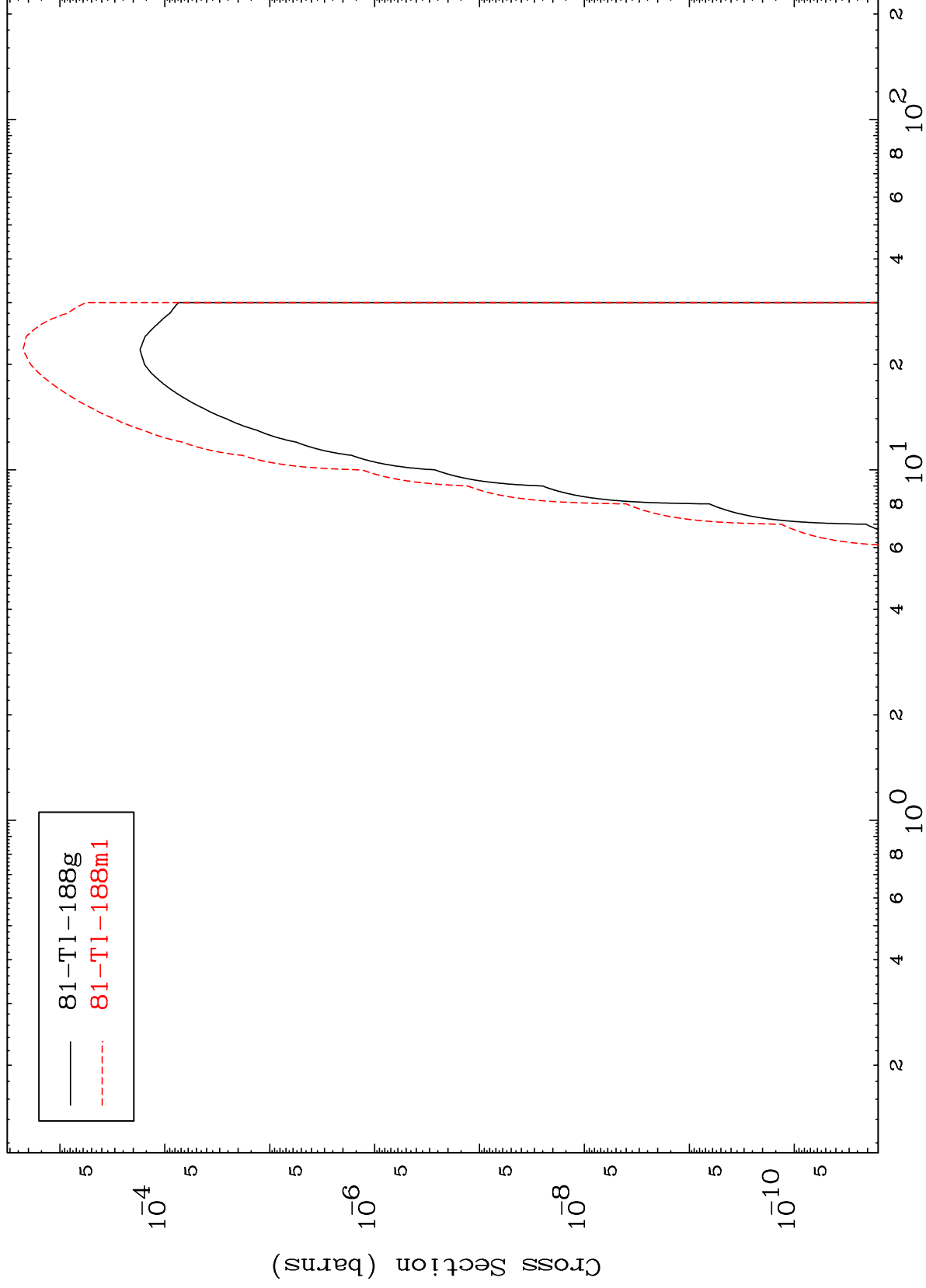
Incident Energy (MeV)

83-Bi-190m

MAT 8269

83-Bi-190m

(n,p) α
Radionuclide Production Cross Section



27

Incident Energy (MeV)

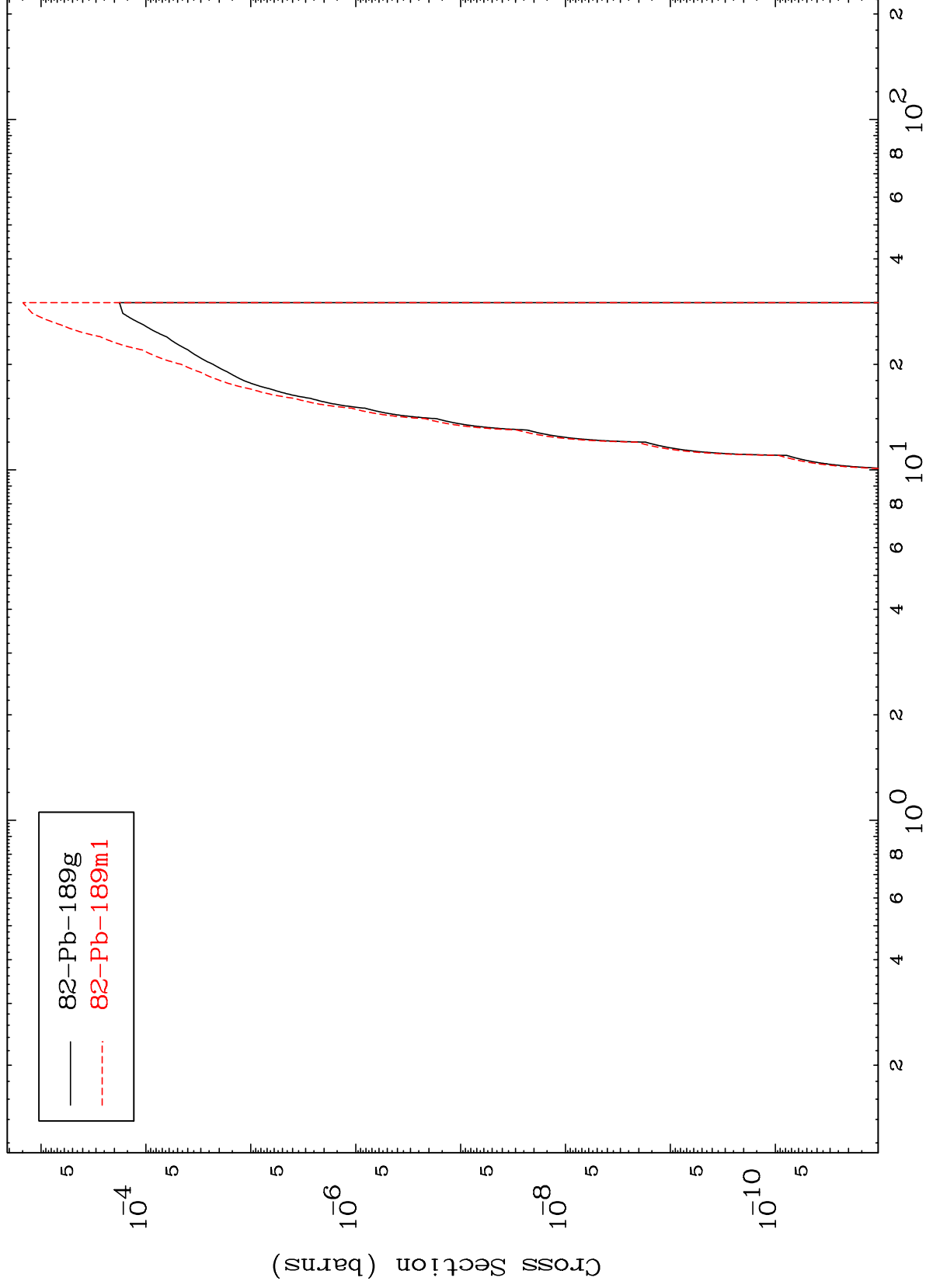
83-Bi-190m

MAT 8269

(n,p) t

83-Bi-190m

Radionuclide Production Cross Section



28

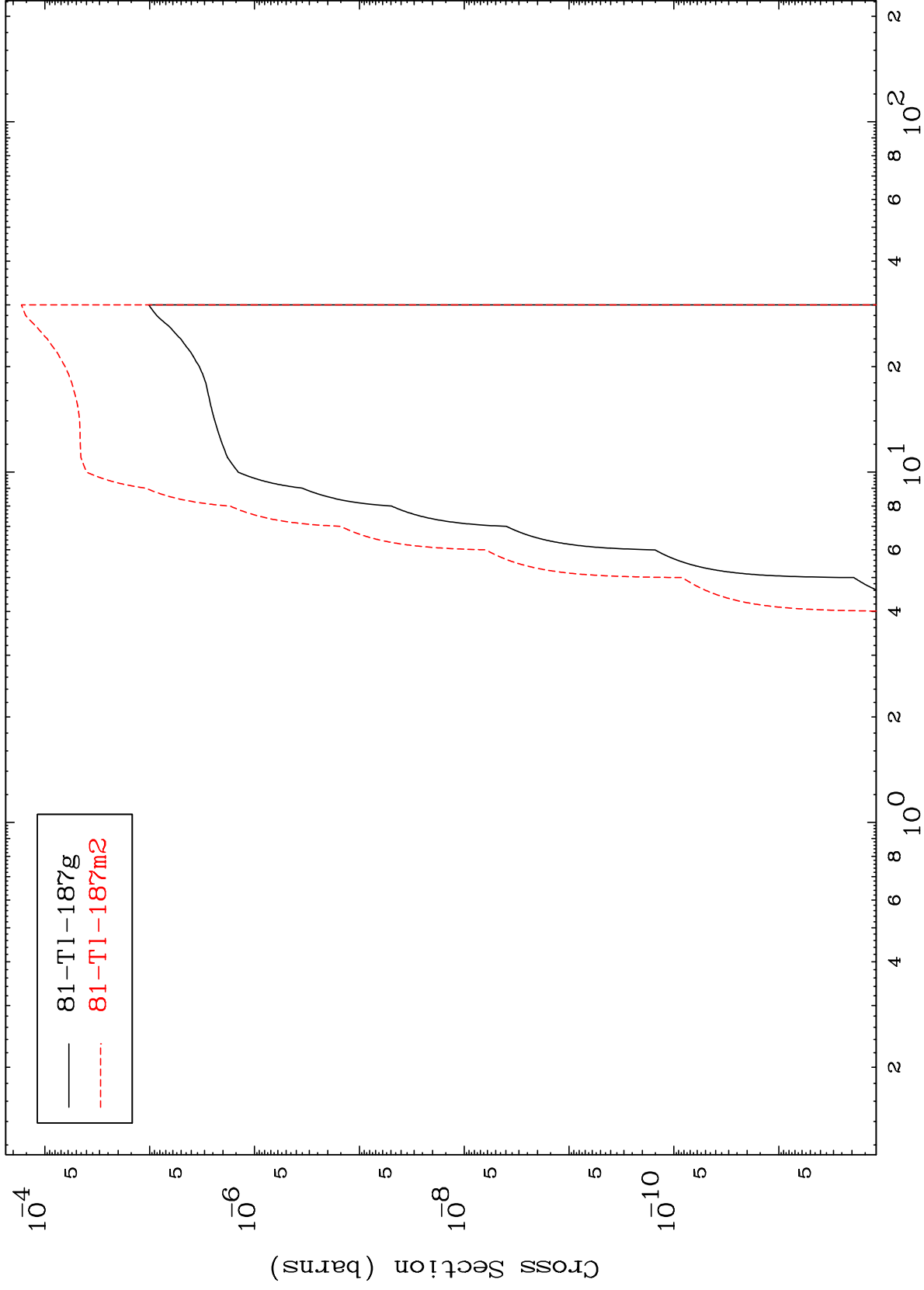
Incident Energy (MeV)

83-Bi-190m

MAT 8269

83-Bi-190m

Radionuclide Production Cross Section
(n,d) α



29

83-Bi-190m