

Program EVALPLOT
(Version 2021-1)

by

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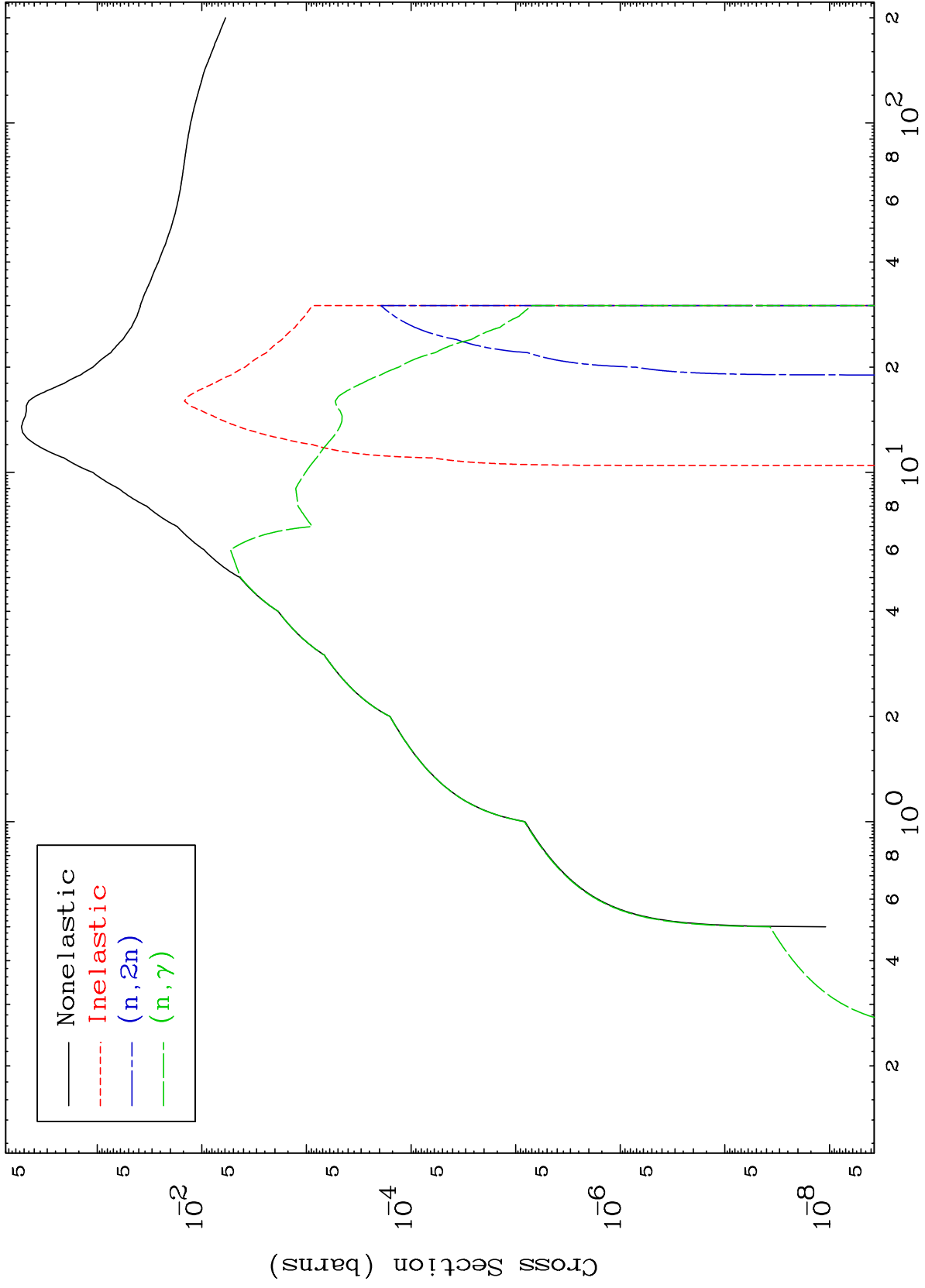
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8508

0 Kelvin Major
Photon Cross Sections

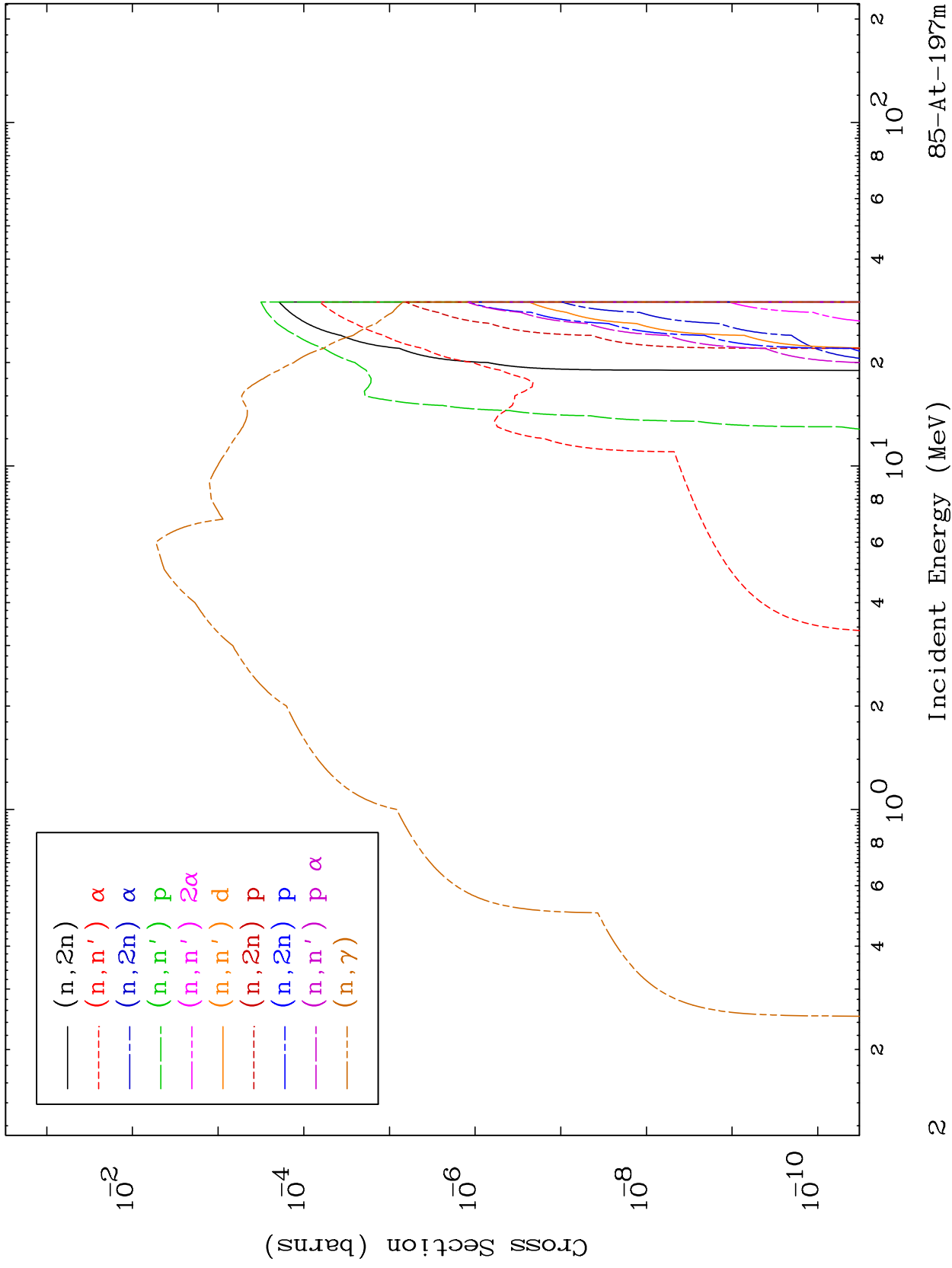
85-At-197m

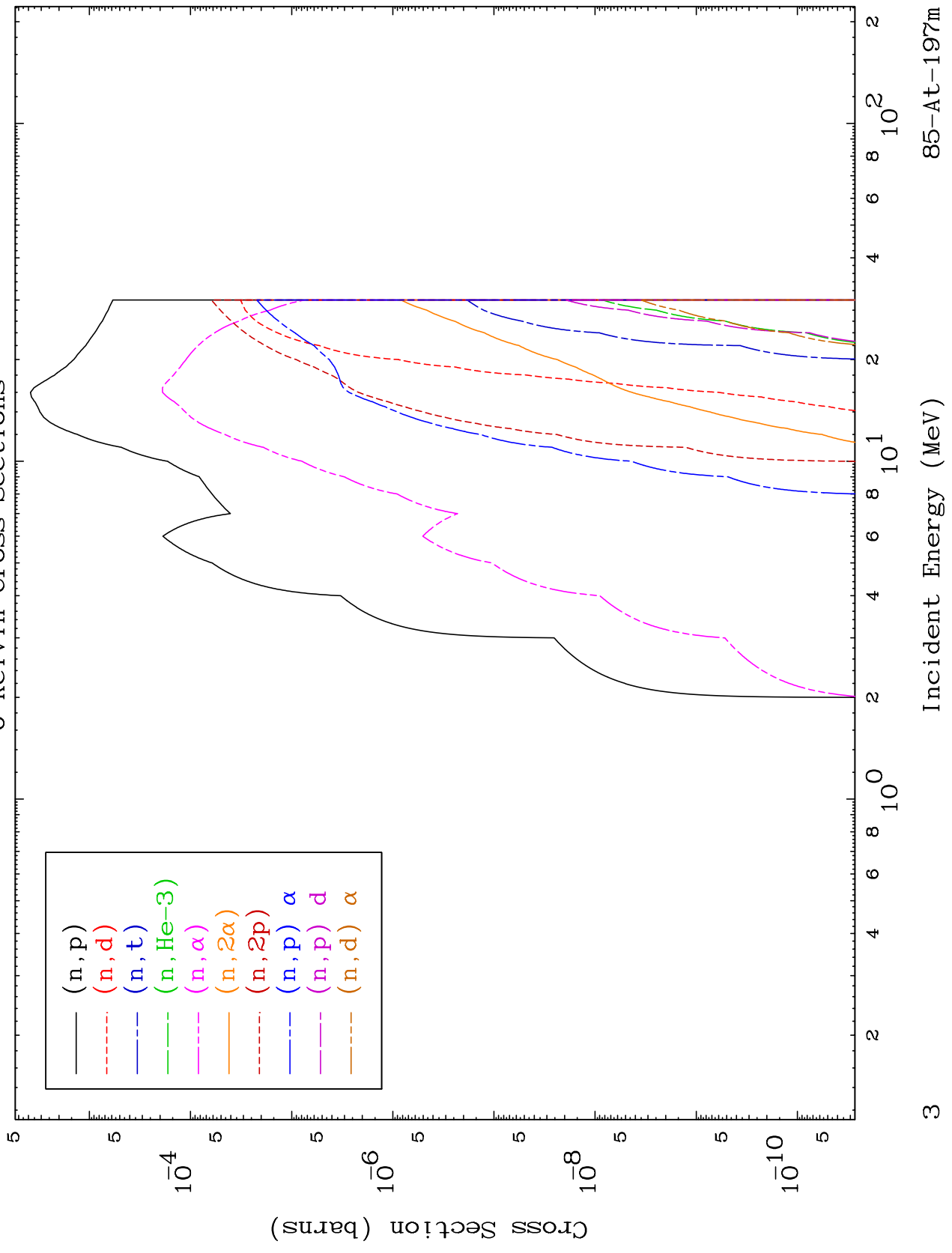


MAT 8508

Photon Neutron Absorption
0 Kelvin Cross Sections

85-At-197m

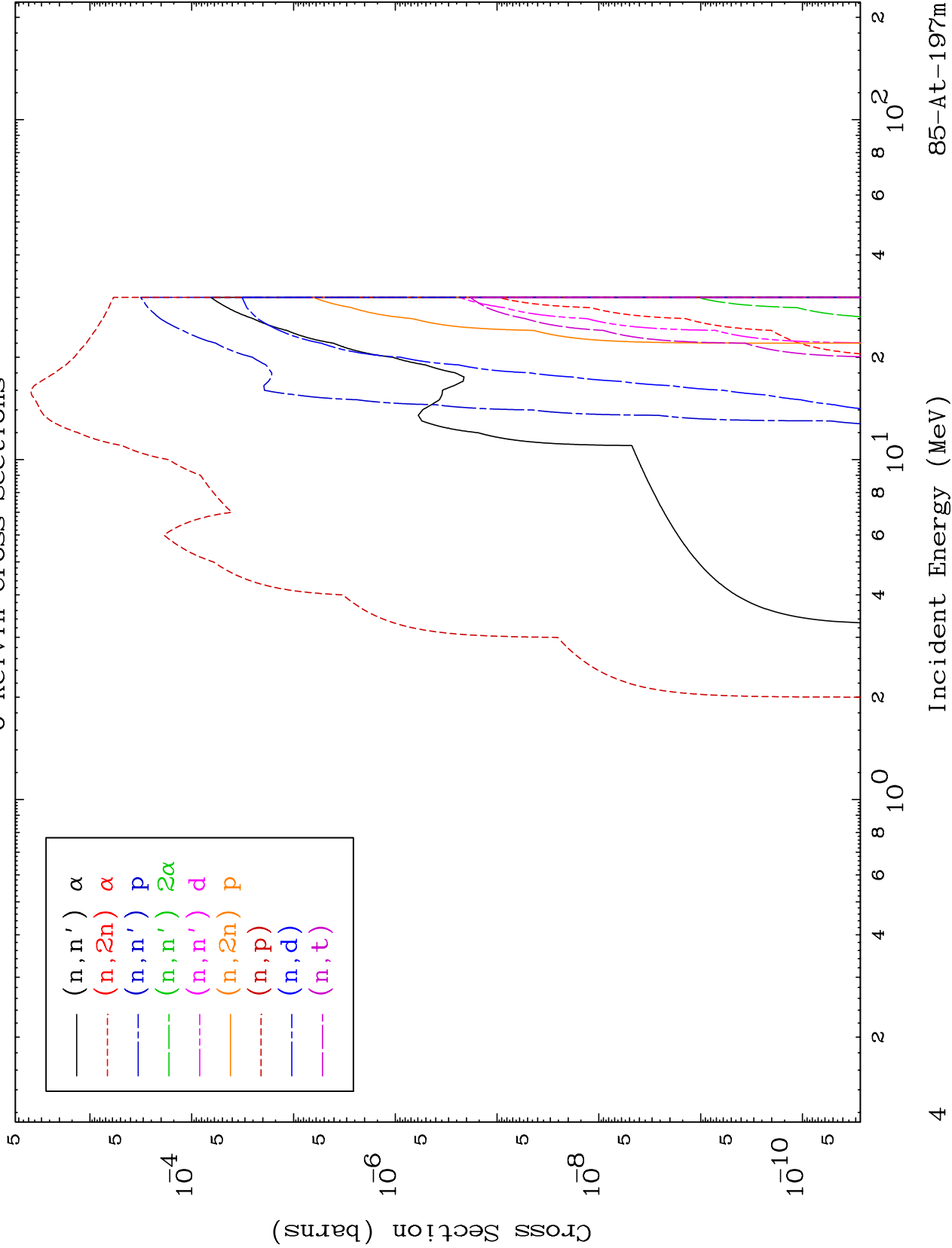


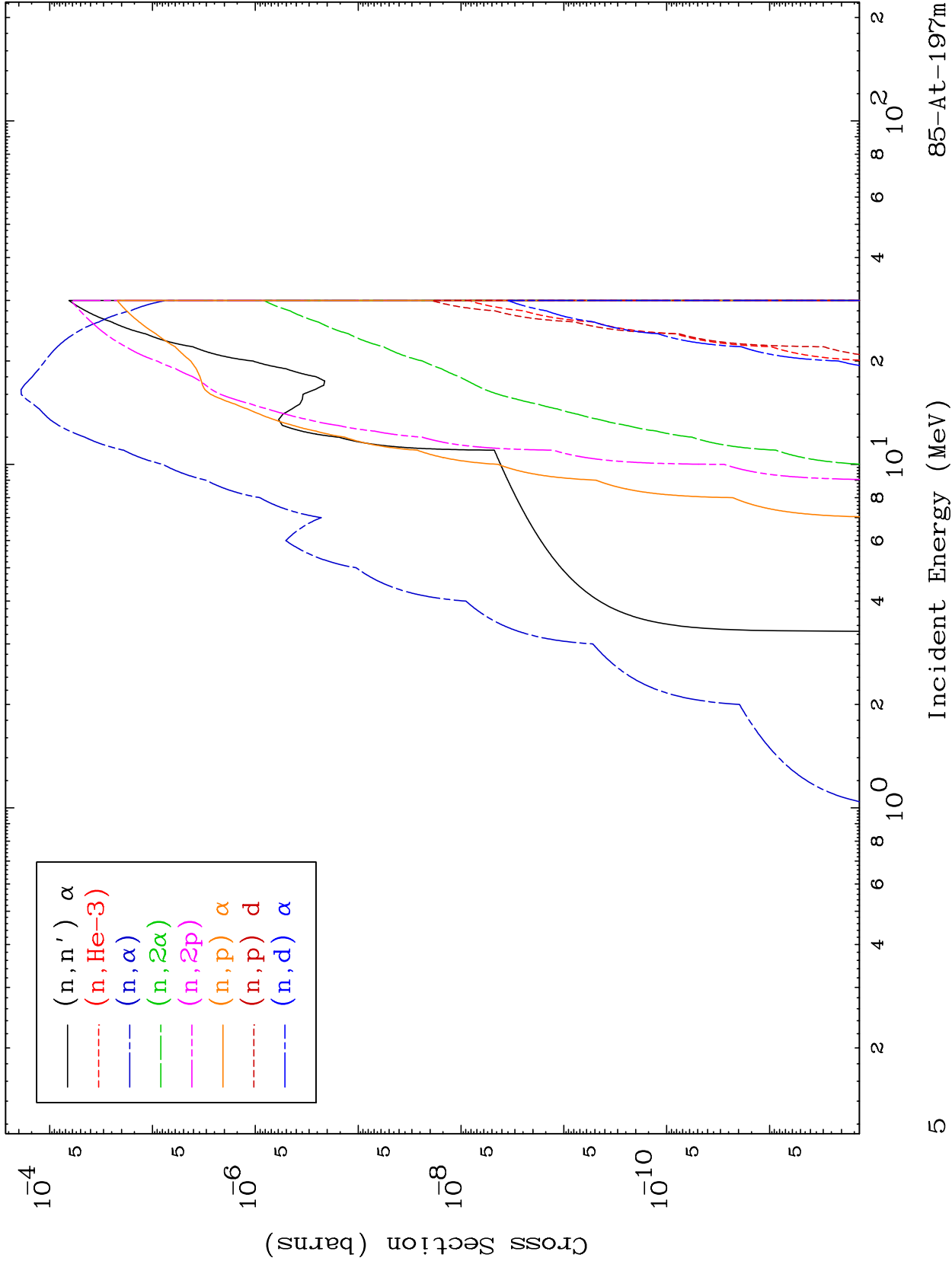


MAT 8508

Photon Charged Particle
0 Kelvin Cross Sections

85-At-197m



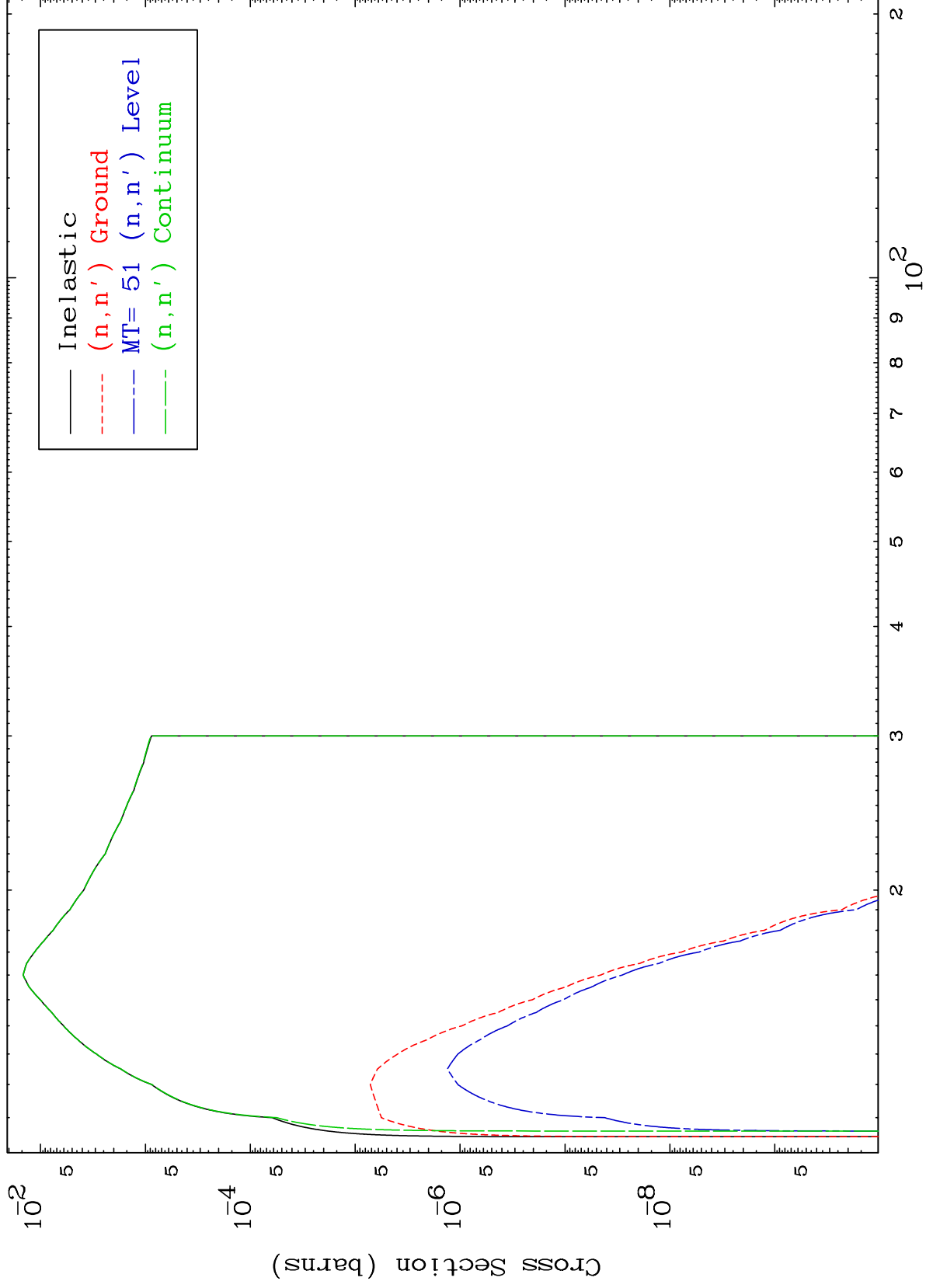


MAT 8508

(γ, n') Levels

85-At-197m

0 Kelvin Cross Sections



Incident Energy (MeV)

85-At-197m

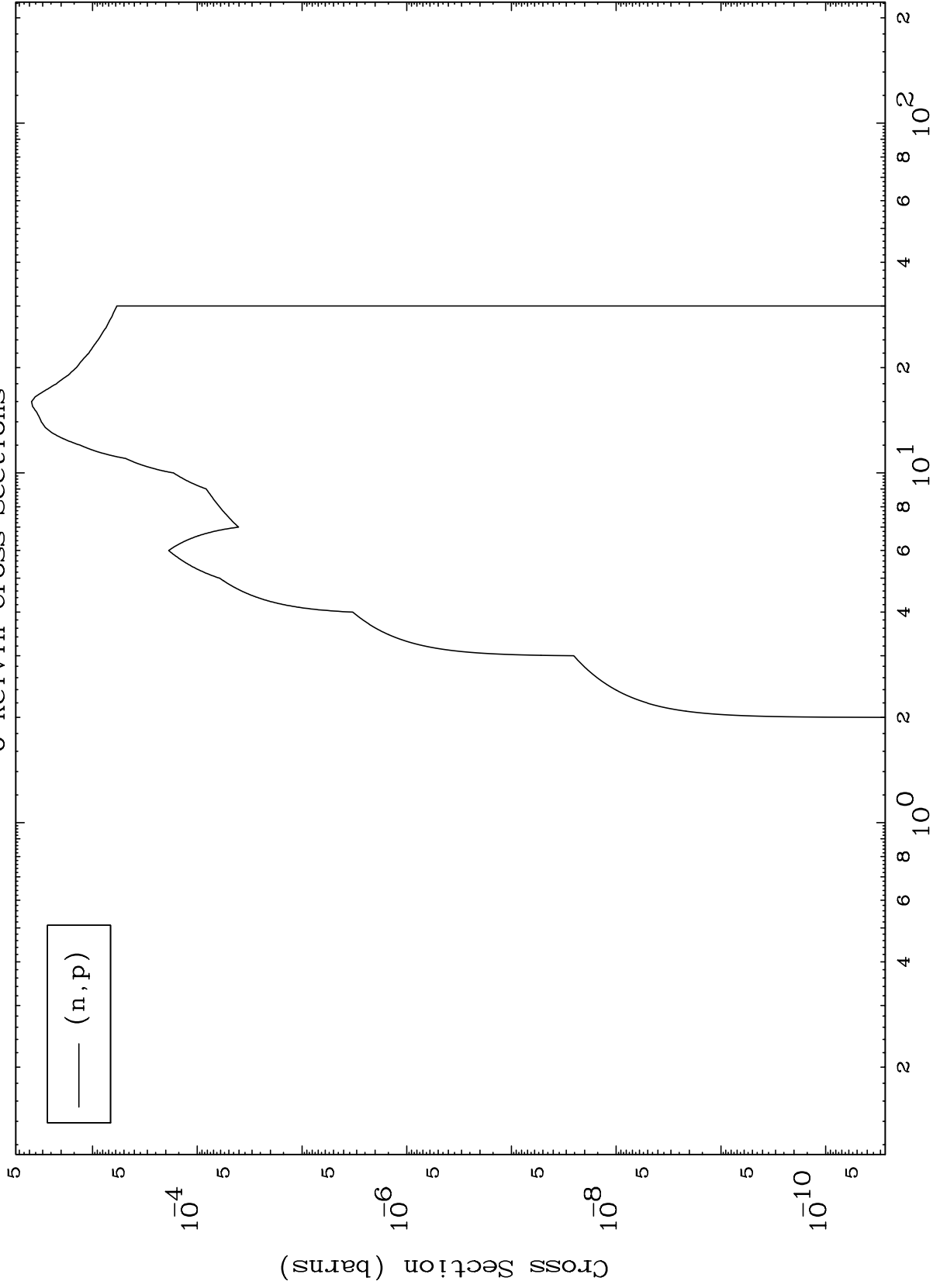
6

MAT 8508

(γ, p) Levels

85-At-197m

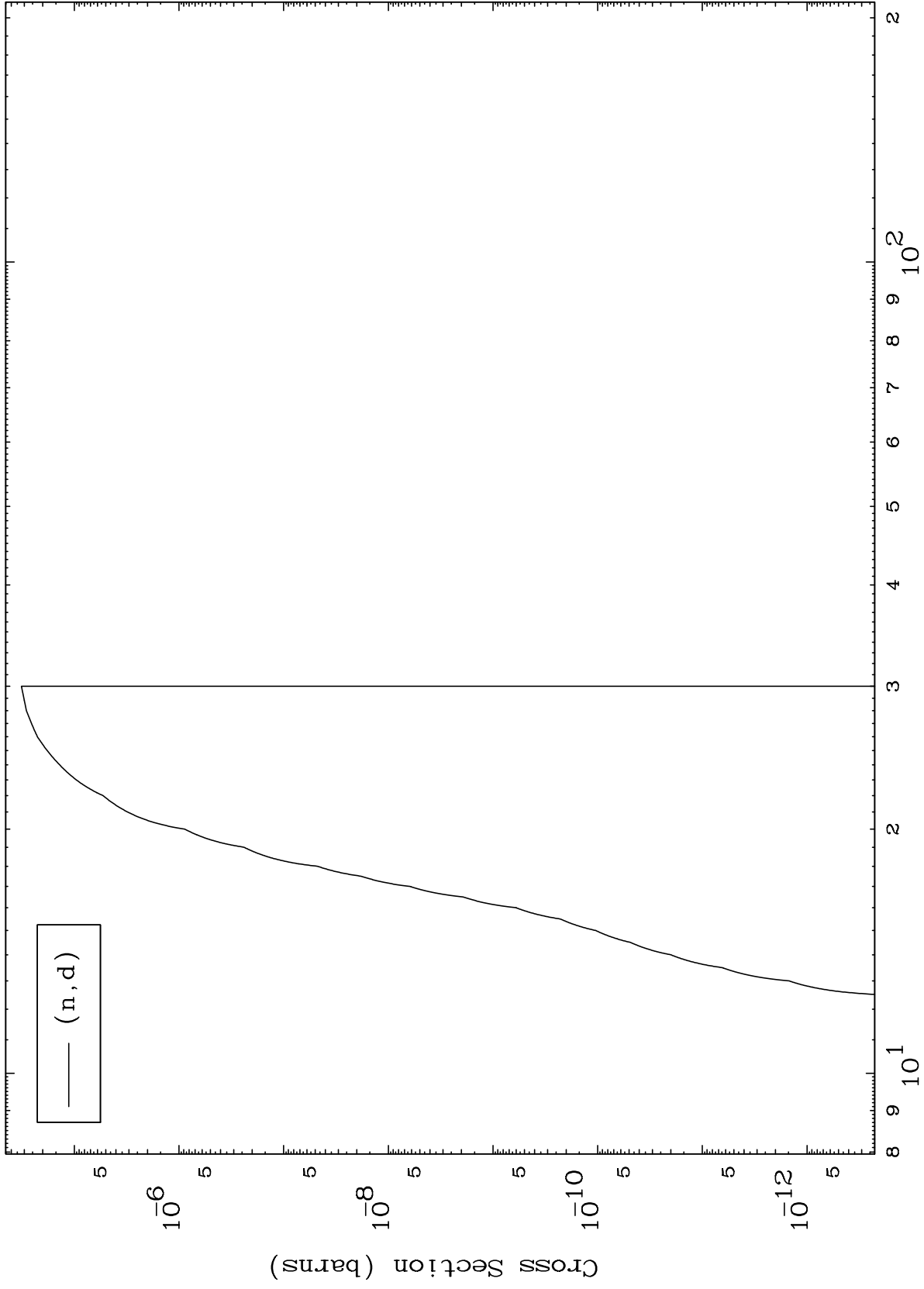
0 Kelvin Cross Sections



MAT 8508

(γ, d) Levels
0 Kelvin Cross Sections

85-At-197m



8

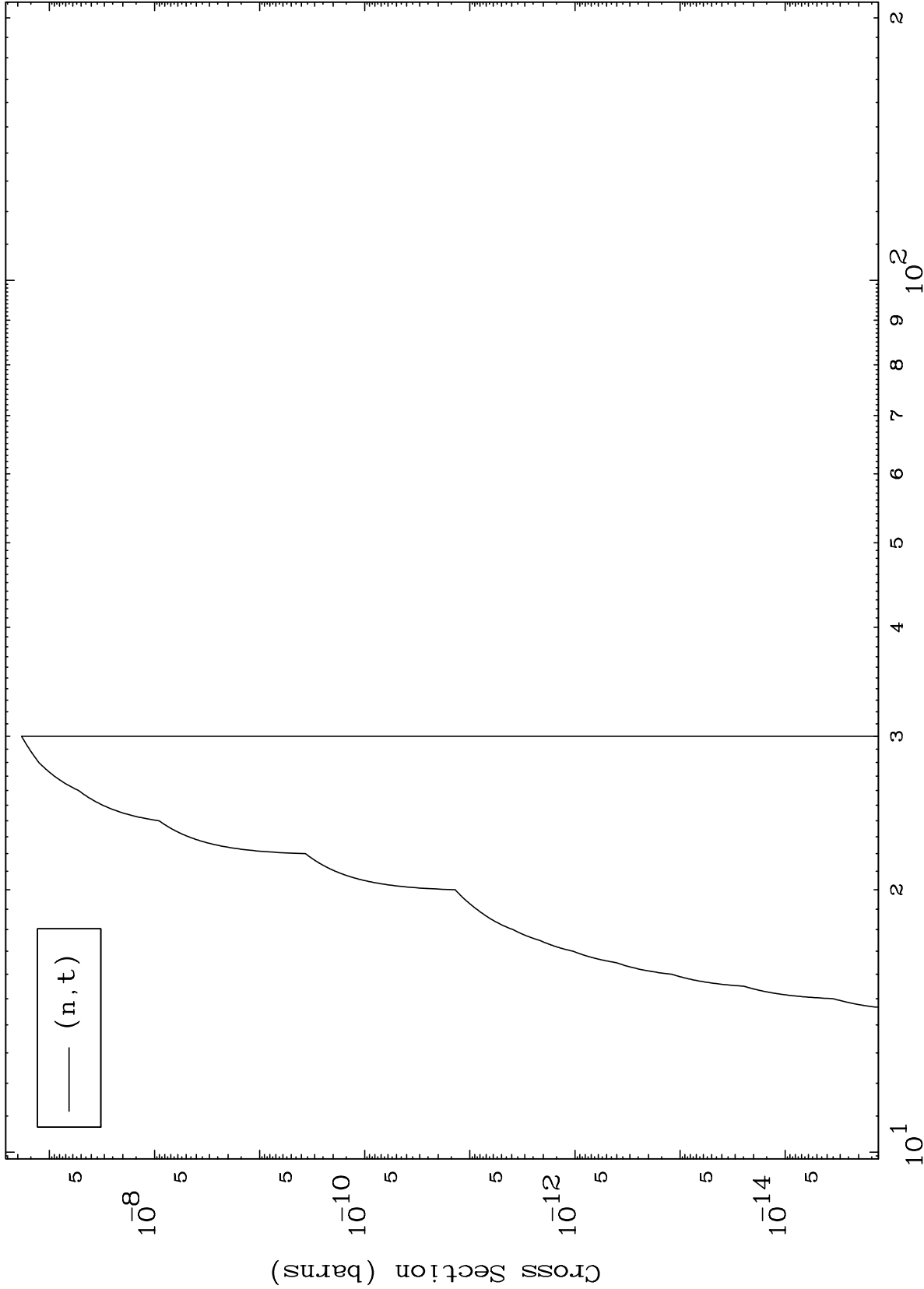
Incident Energy (MeV)

85-At-197m

MAT 8508

(γ, t) Levels
0 Kelvin Cross Sections

85-At-197m

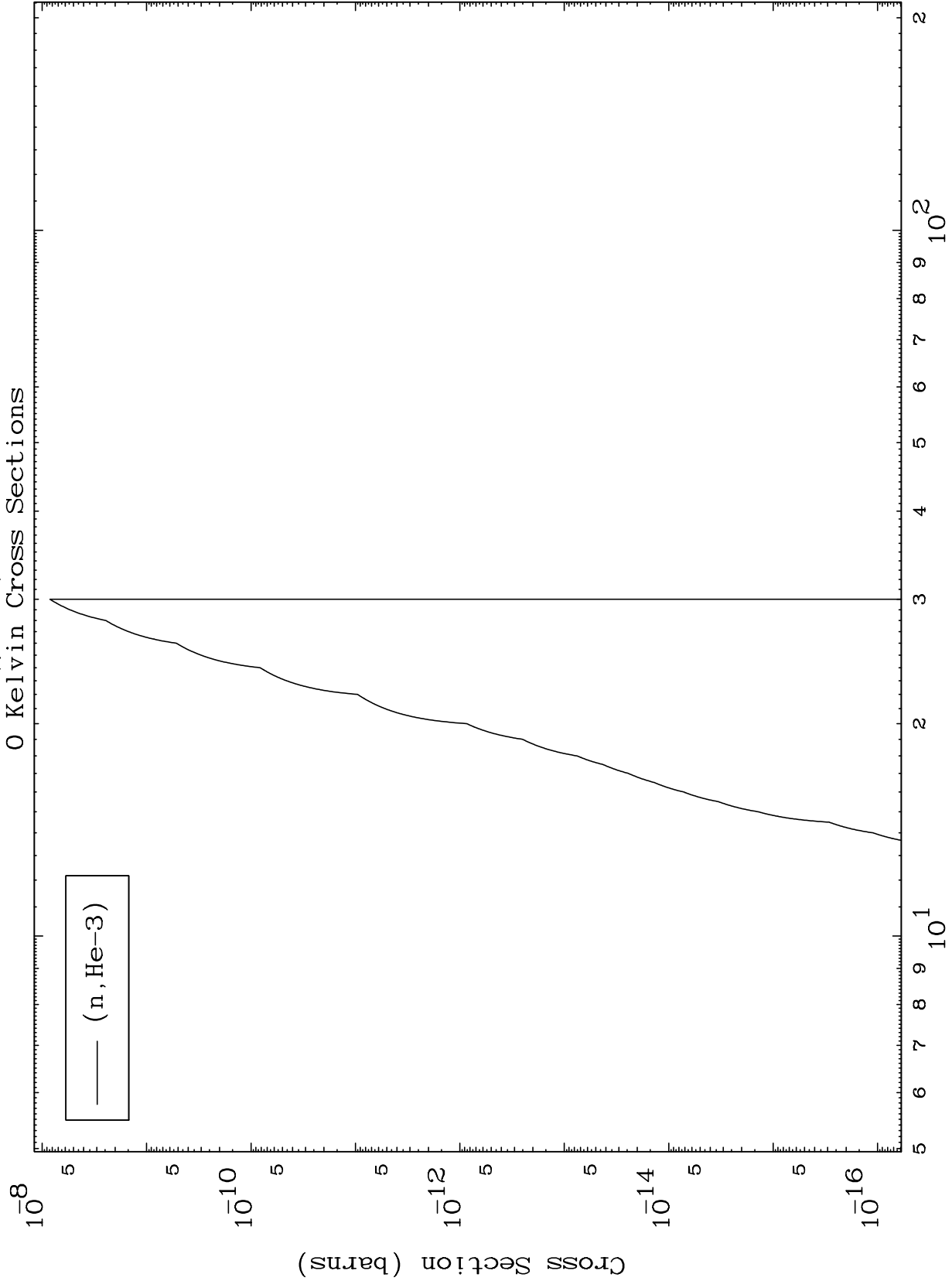


(n, t)

MAT 8508

($\gamma, \text{He}3$) Levels

85-At-197m



10

Incident Energy (MeV)

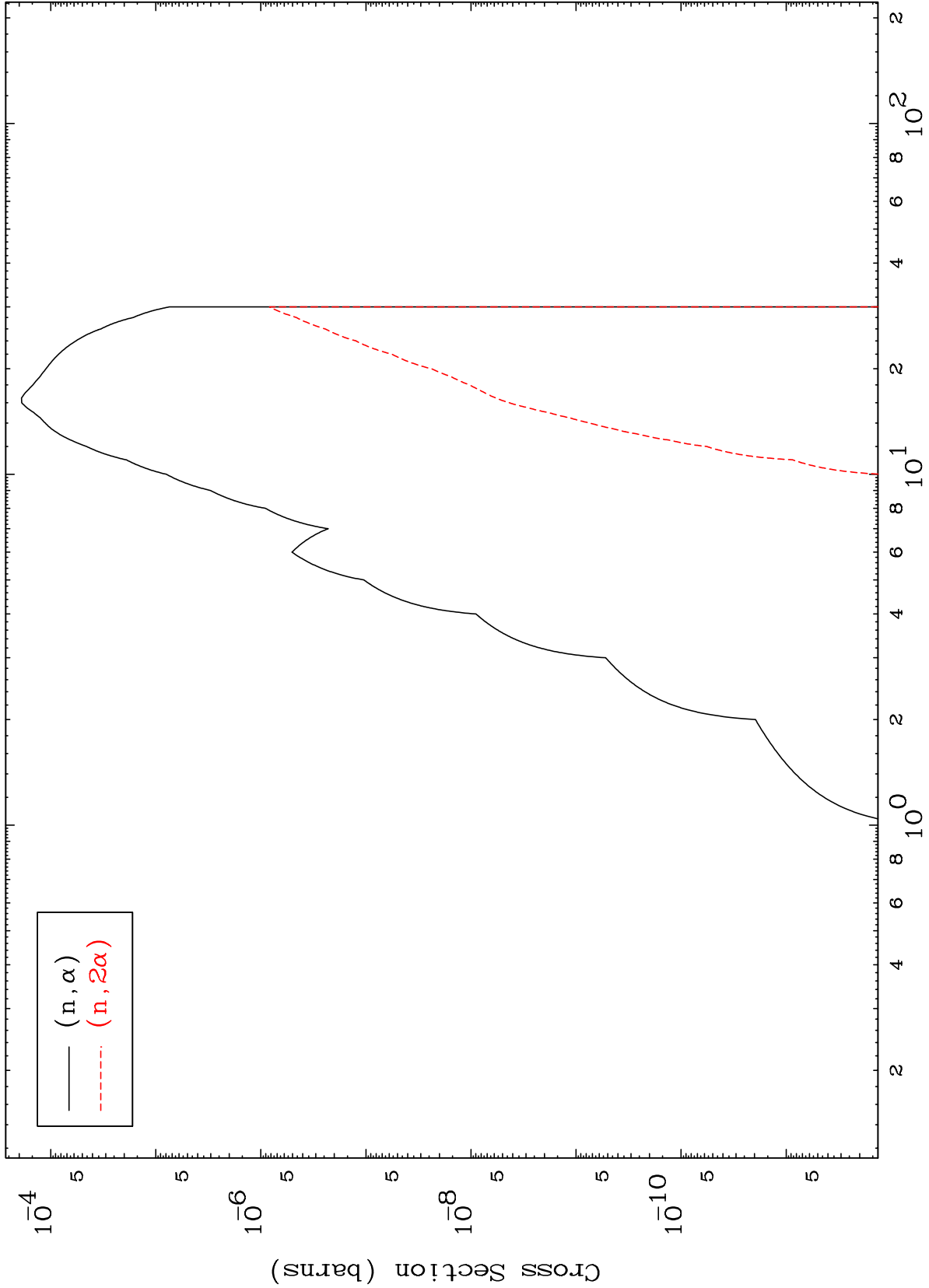
85-At-197m

MAT 8508

(γ, α) Levels

85-At-197m

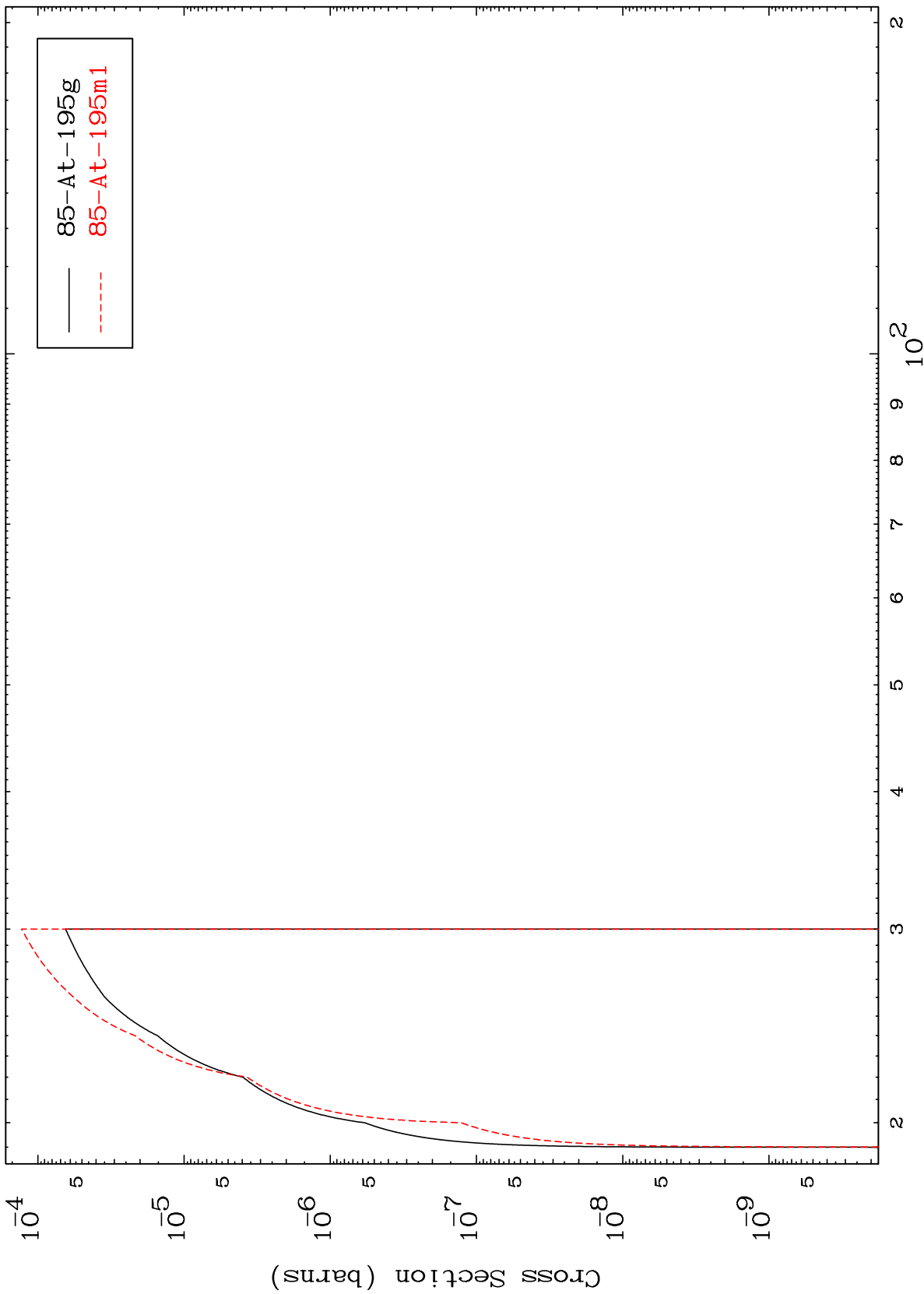
0 Kelvin Cross Sections



MAT 8508

85-At-197m

(n,2n)
Radionuclide Production Cross Section



12

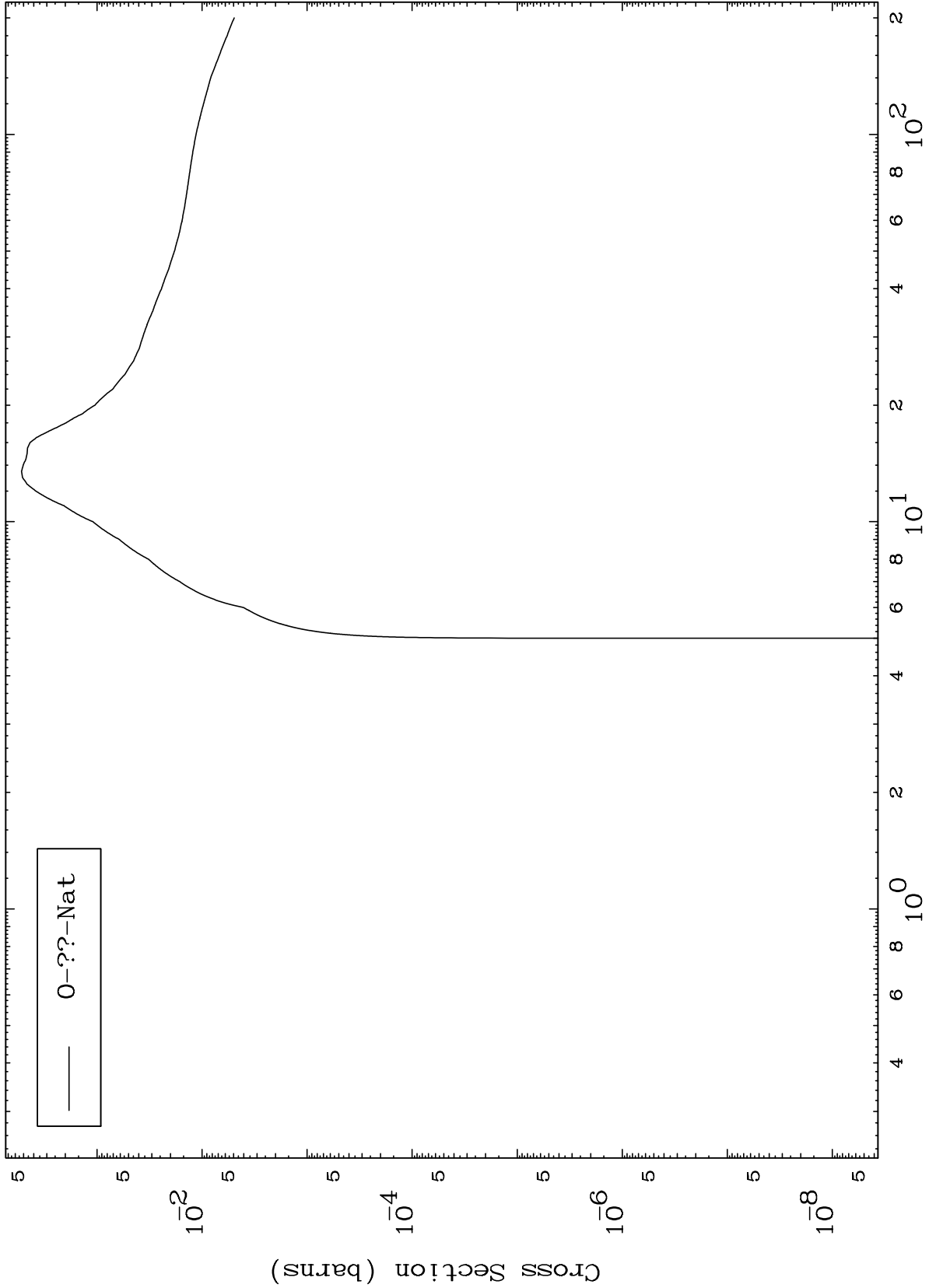
Incident Energy (MeV)

85-At-197m

MAT 8508

Fission
Radionuclide Production Cross Section

85-At-197m

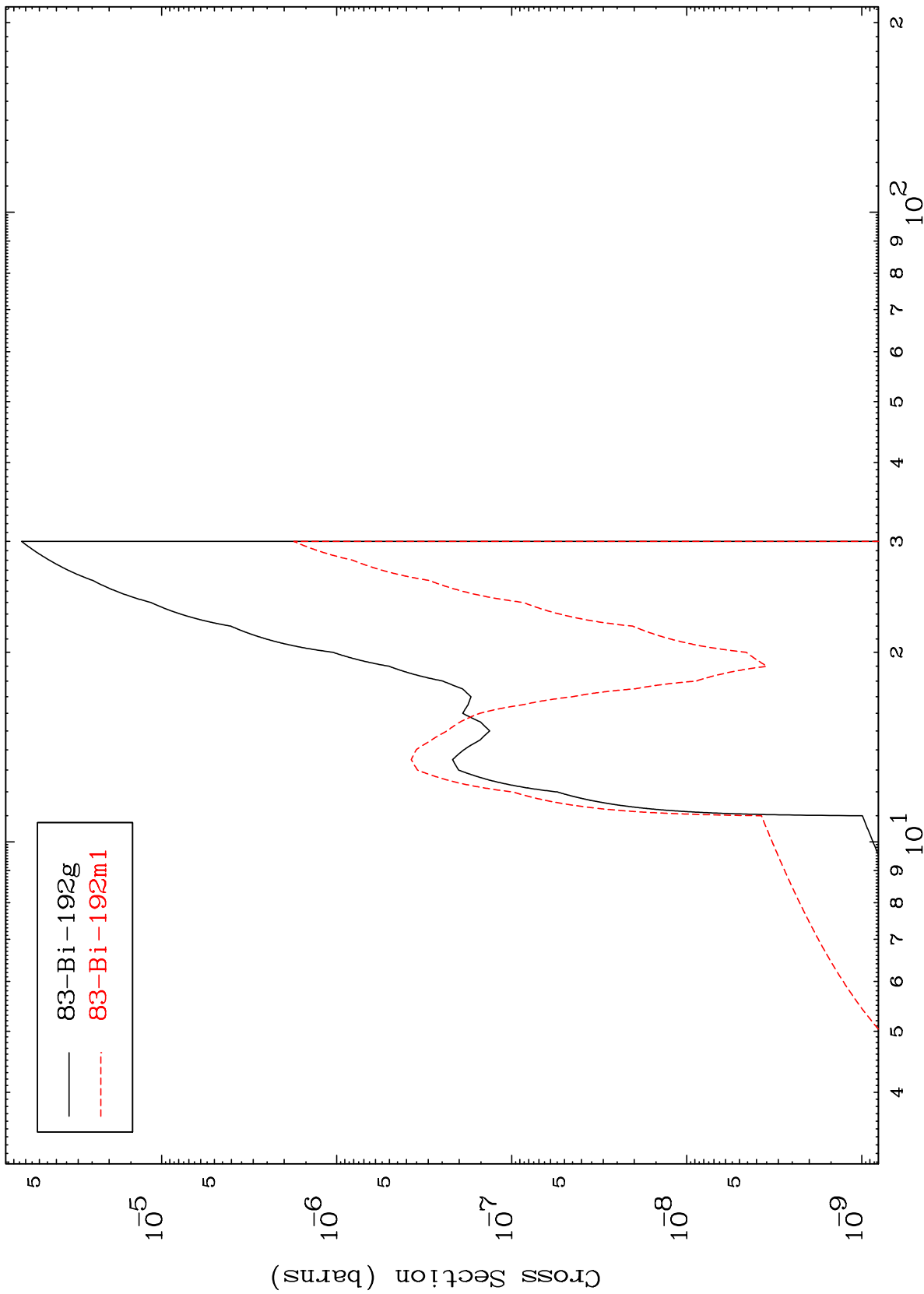


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(n,n') α

85-At-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-197m

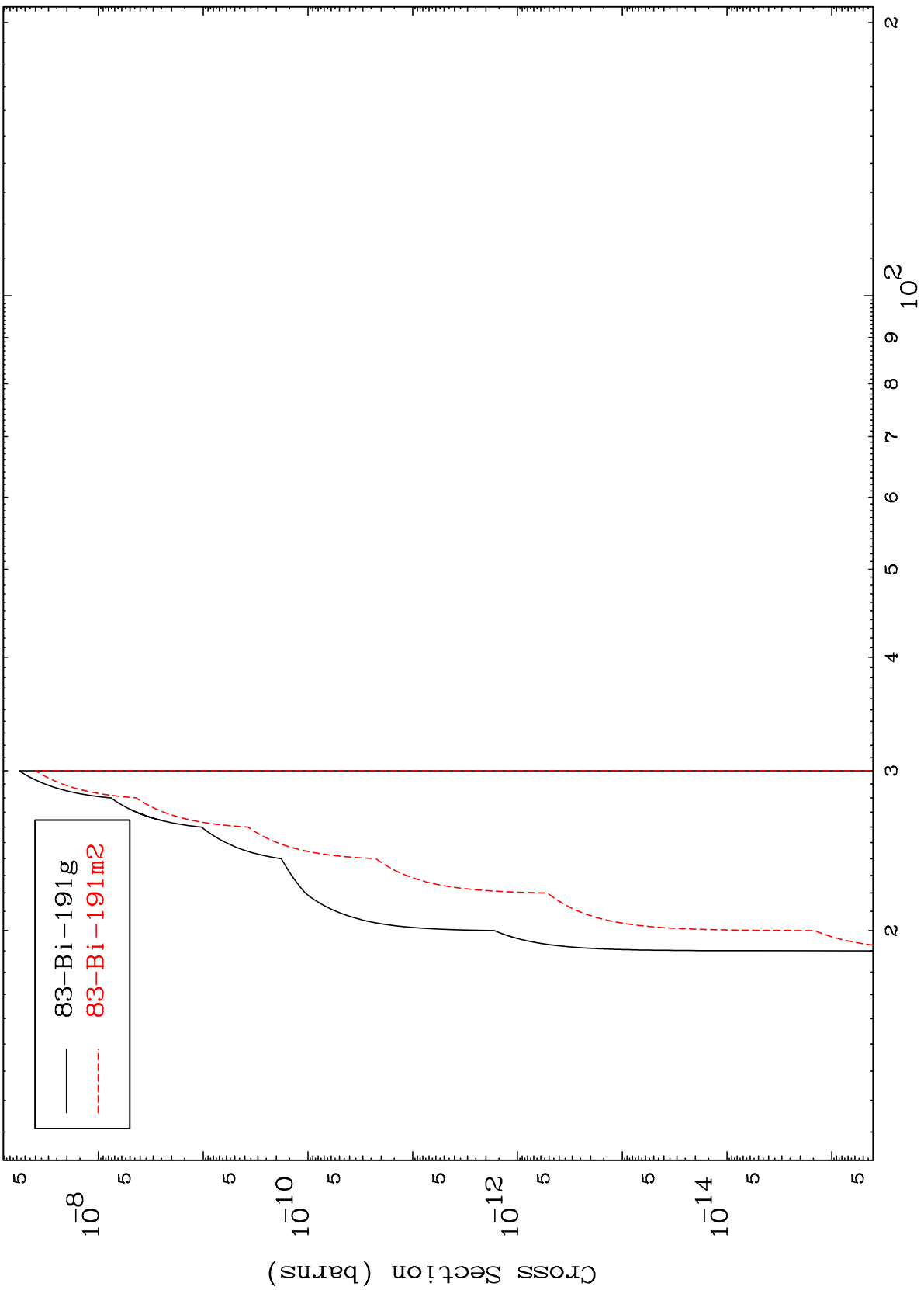
14

MAT 8508

(n,2n) α

85-At-197m

Radionuclide Production Cross Section

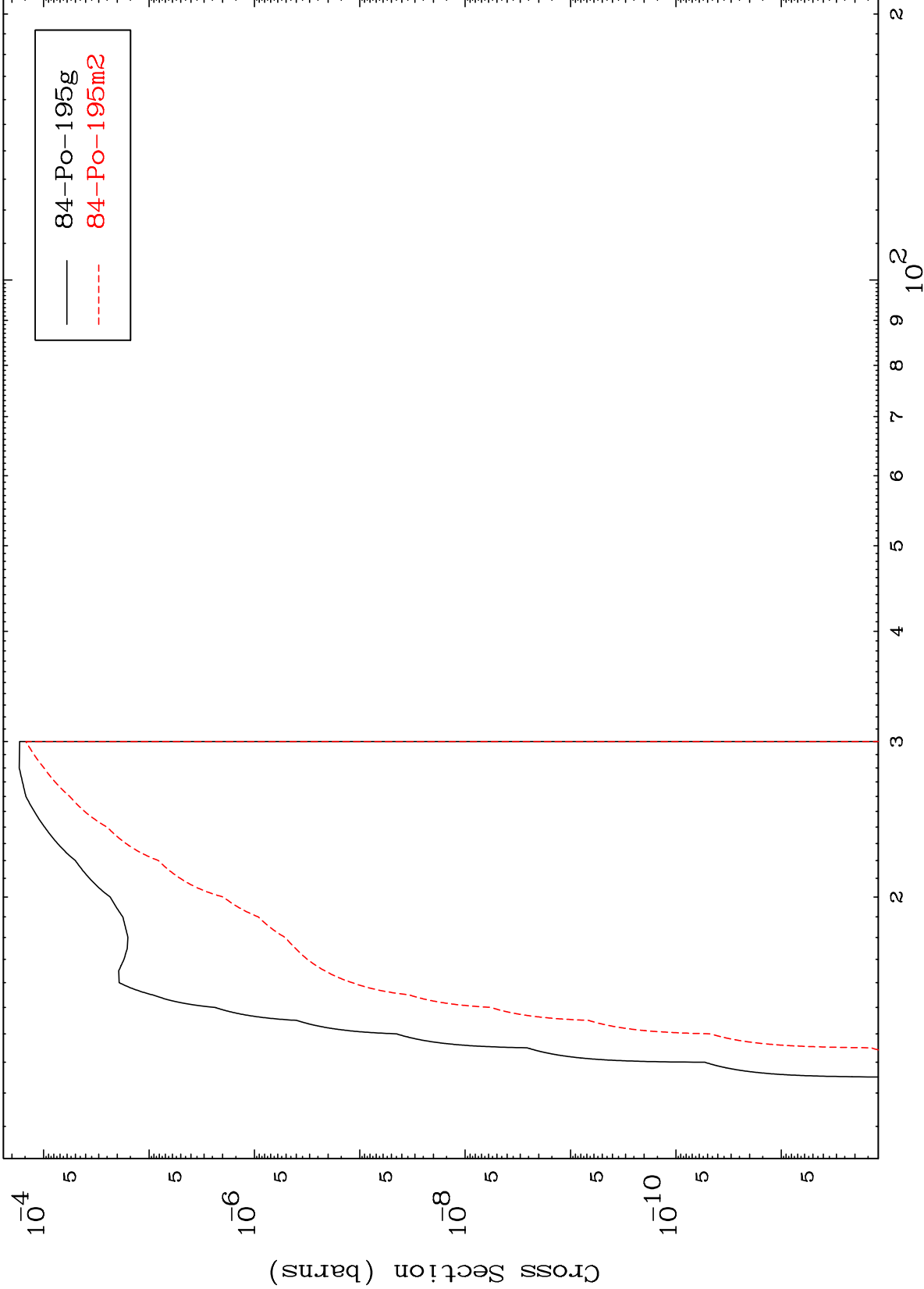


15

Incident Energy (MeV)

85-At-197m

Radionuclide Production Cross Section

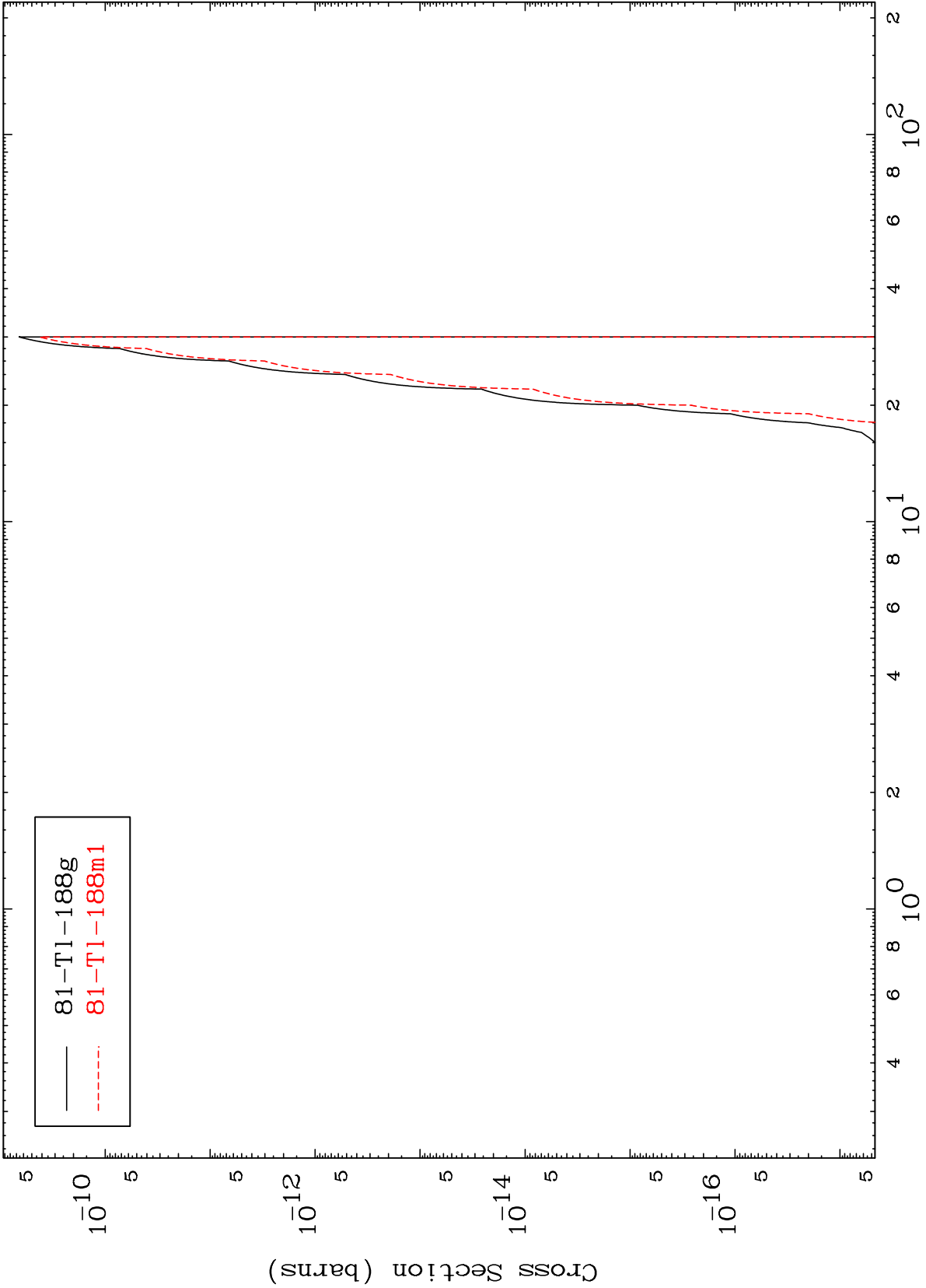


MAT 8508

(n,n') 2α

85-At-197m

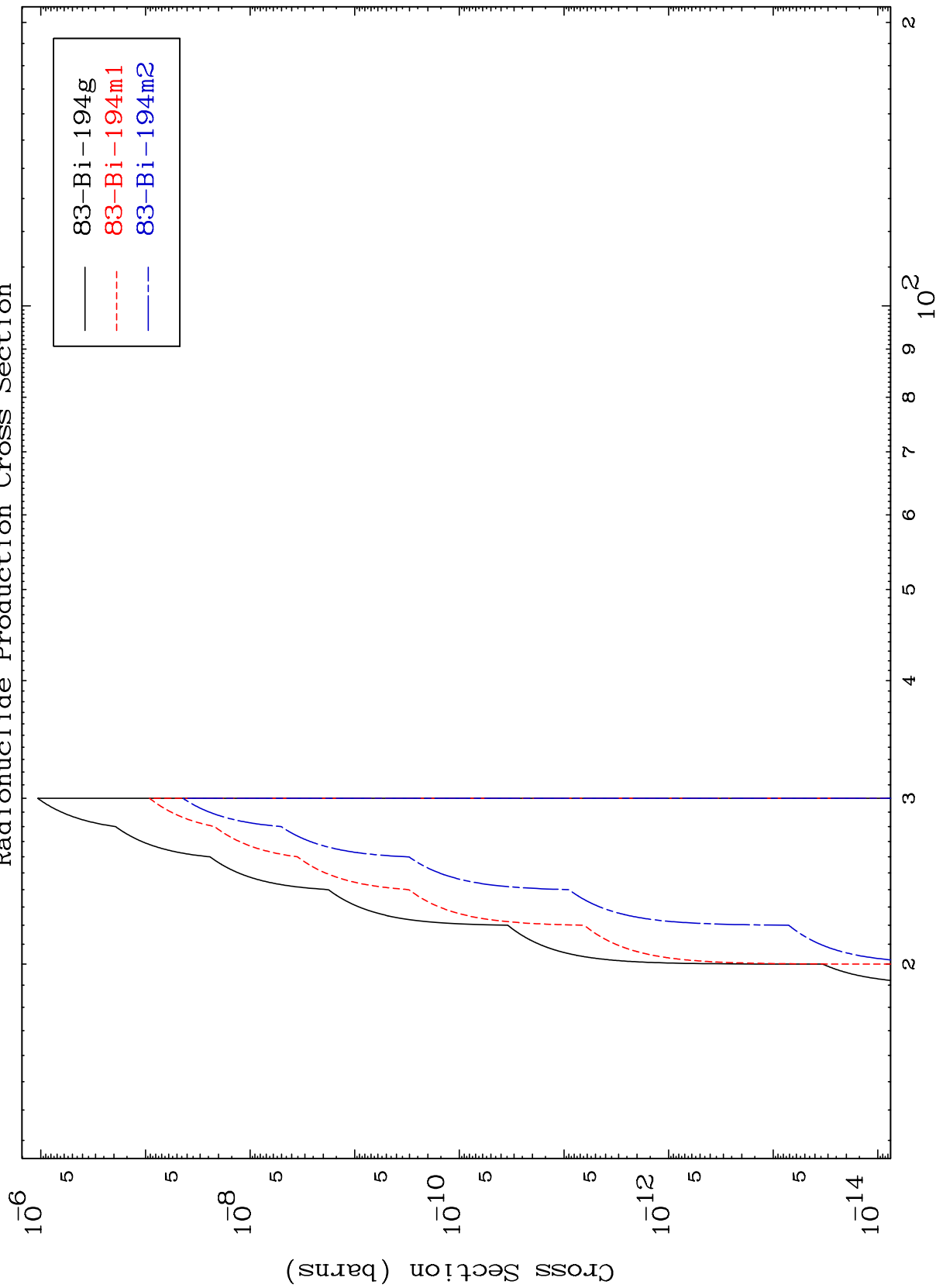
Radionuclide Production Cross Section



MAT 8508

85-At-197m

(n,2n) p
Radionuclide Production Cross Section



18

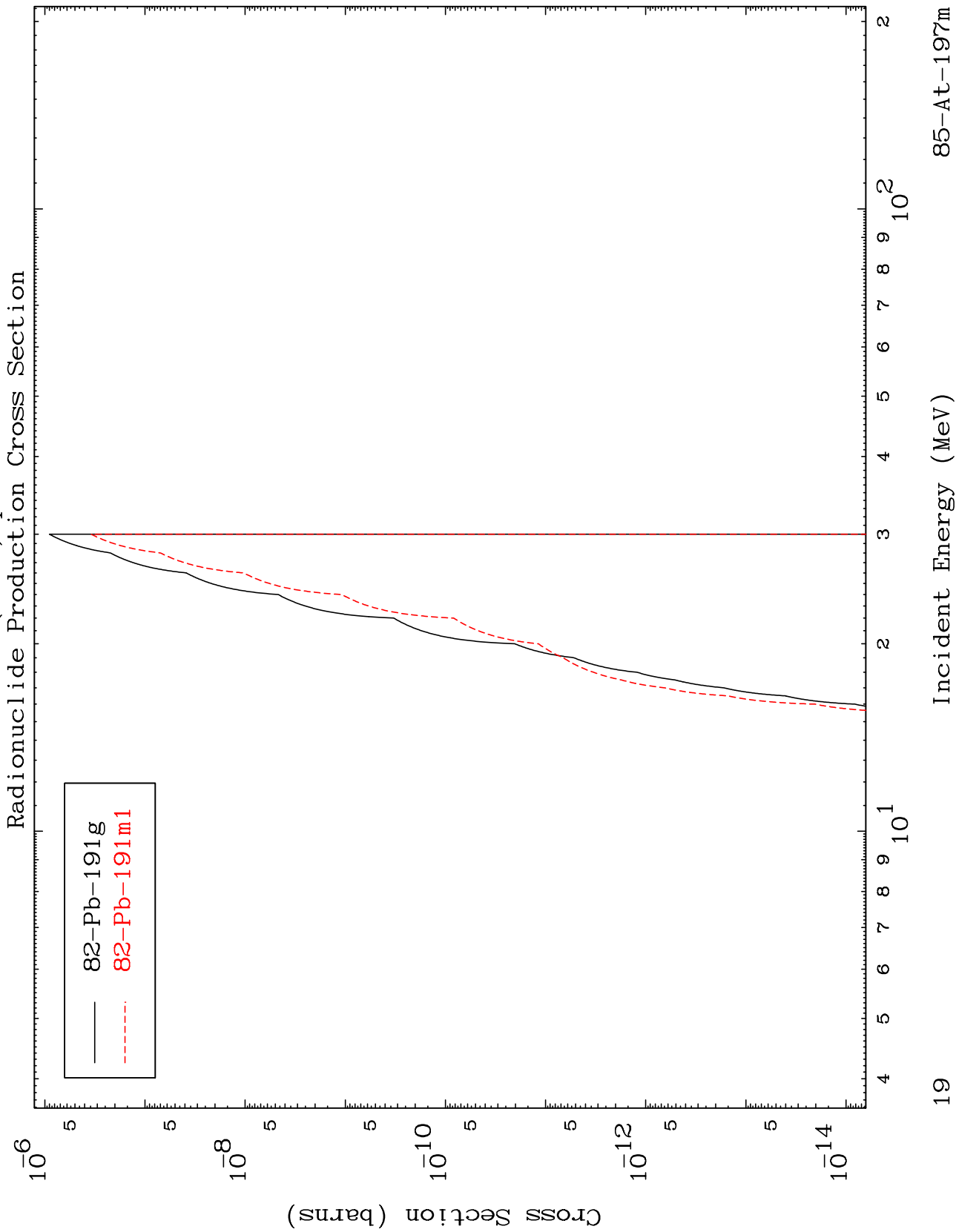
Incident Energy (MeV)

85-At-197m

MAT 8508

(n,n') p α

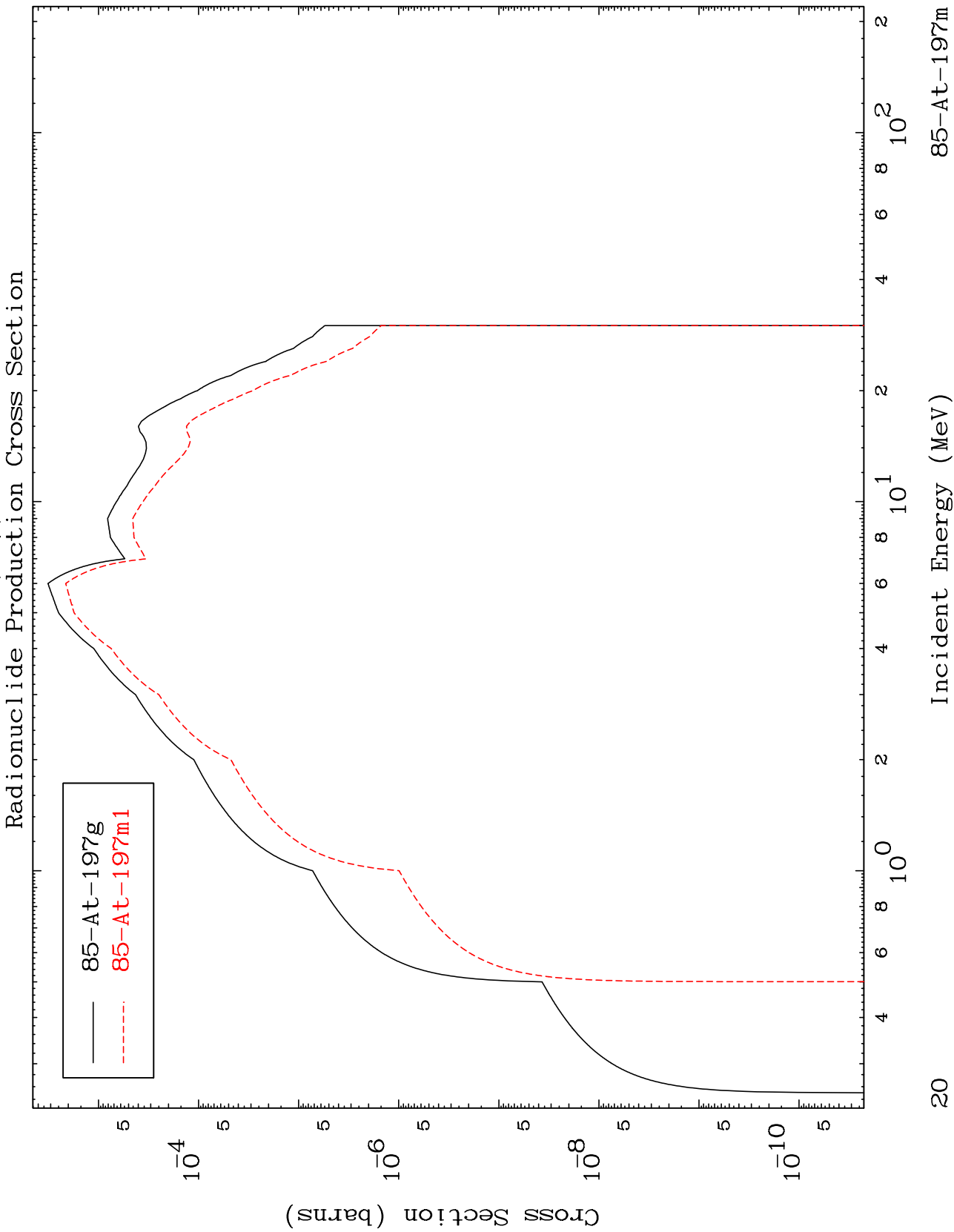
85-At-197m



19

MAT 8508

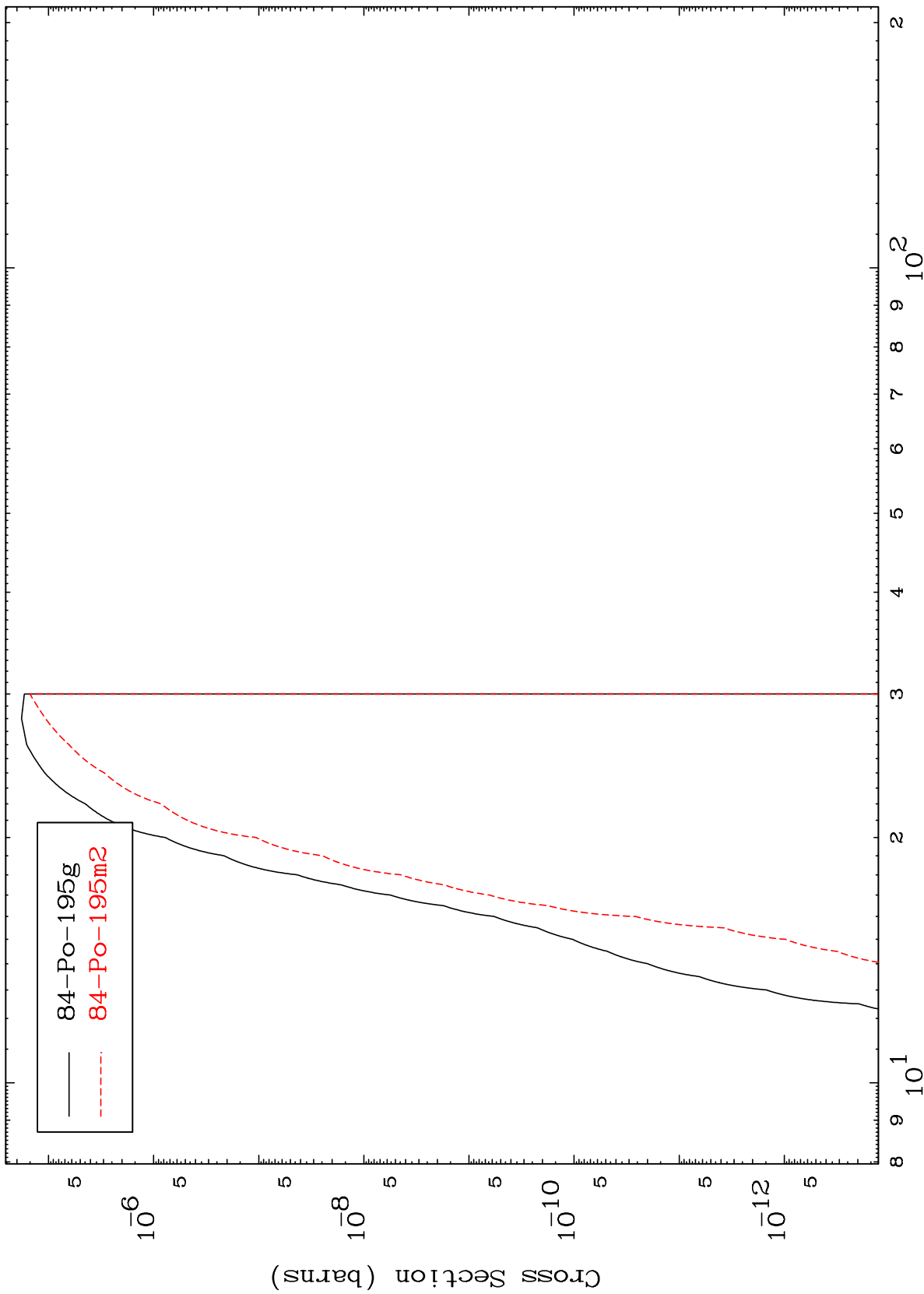
85-At-197m



MAT 8508

85-At-197m

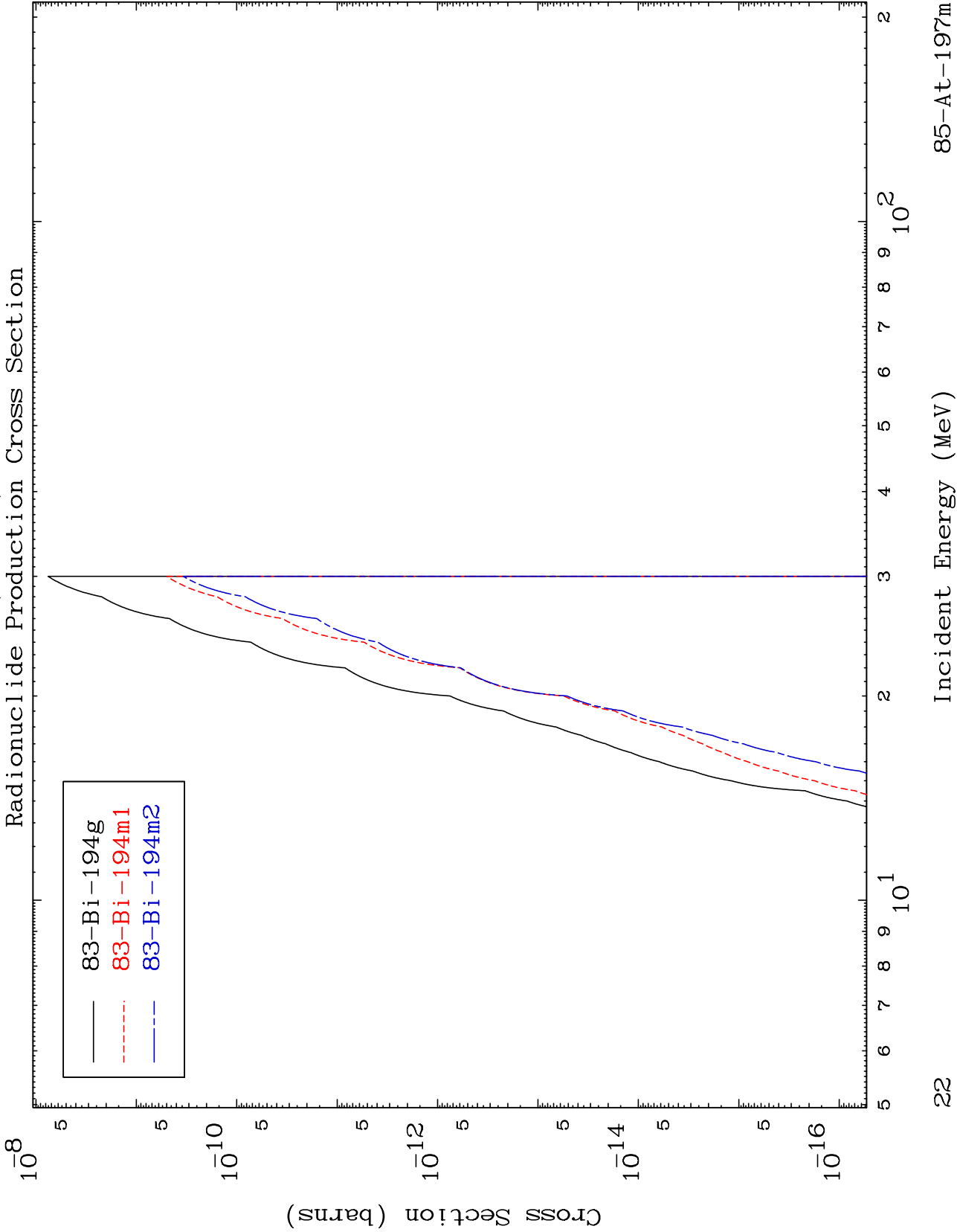
(n,d)
Radionuclide Production Cross Section



MAT 8508

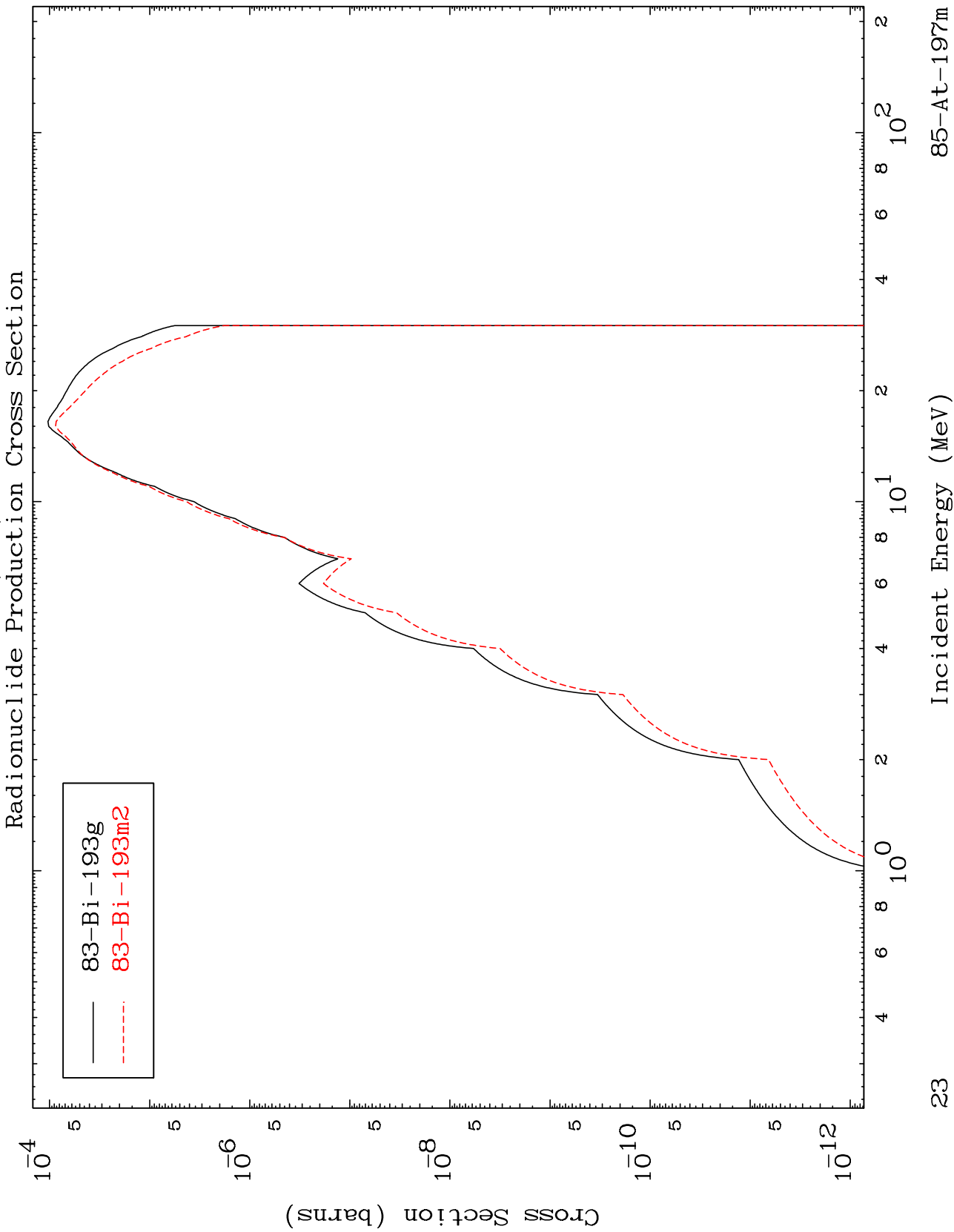
(n,He-3)

85-At-197m



MAT 8508

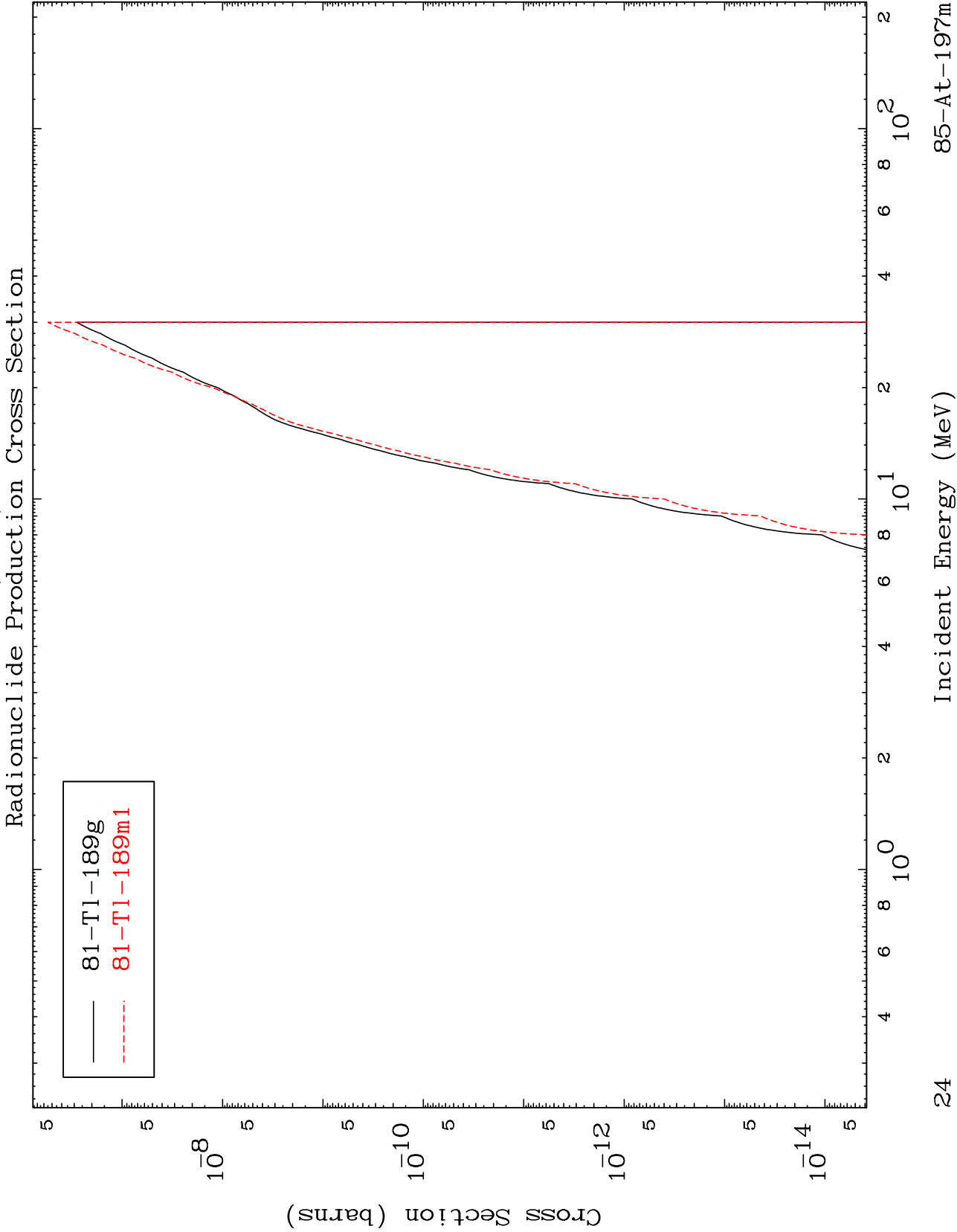
85-At-197m



MAT 8508

(n,2α)

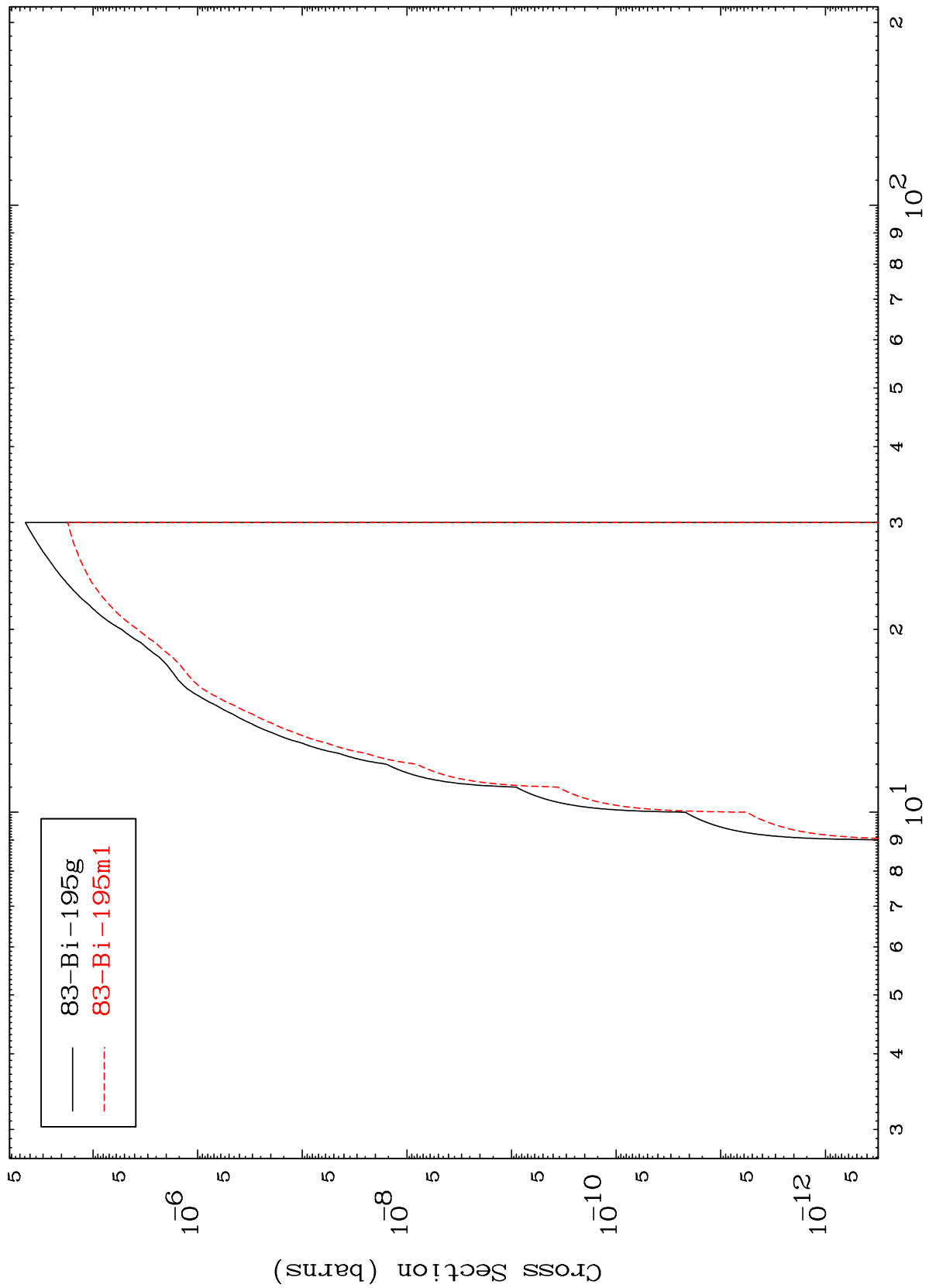
85-At-197m



MAT 8508

85-At-197m

(n,2p)
Radionuclide Production Cross Section



— 83-Bi-195g
- - - 83-Bi-195m1

25

Incident Energy (MeV)

85-At-197m

MAT 8508

(n,p) d

85-At-197m

Radionuclide Production Cross Section

