

Program EVALPLOT
(Version 2017-1)

by

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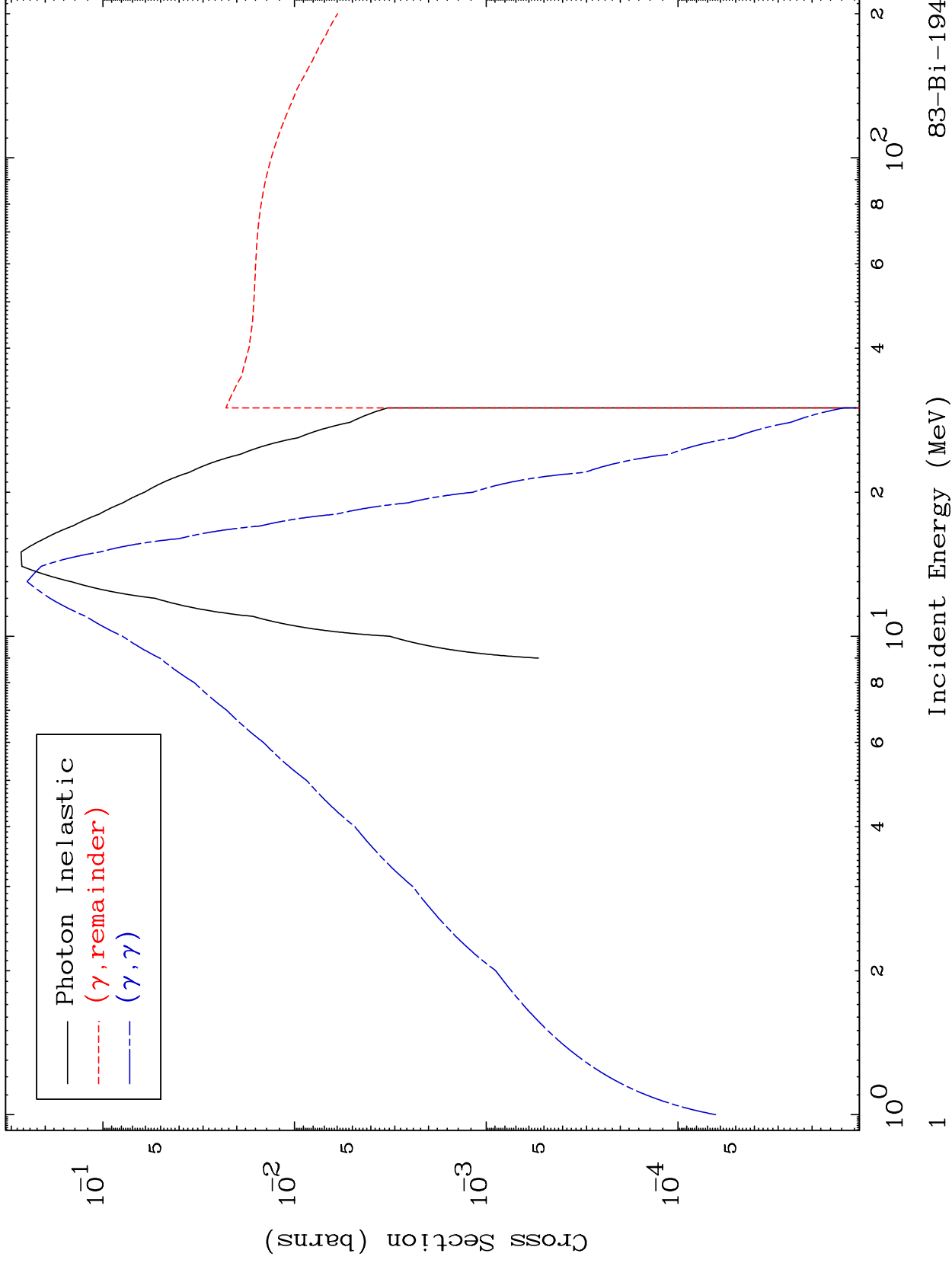
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8280

Photon Major
0 Kelvin Cross Sections

83-Bi-194



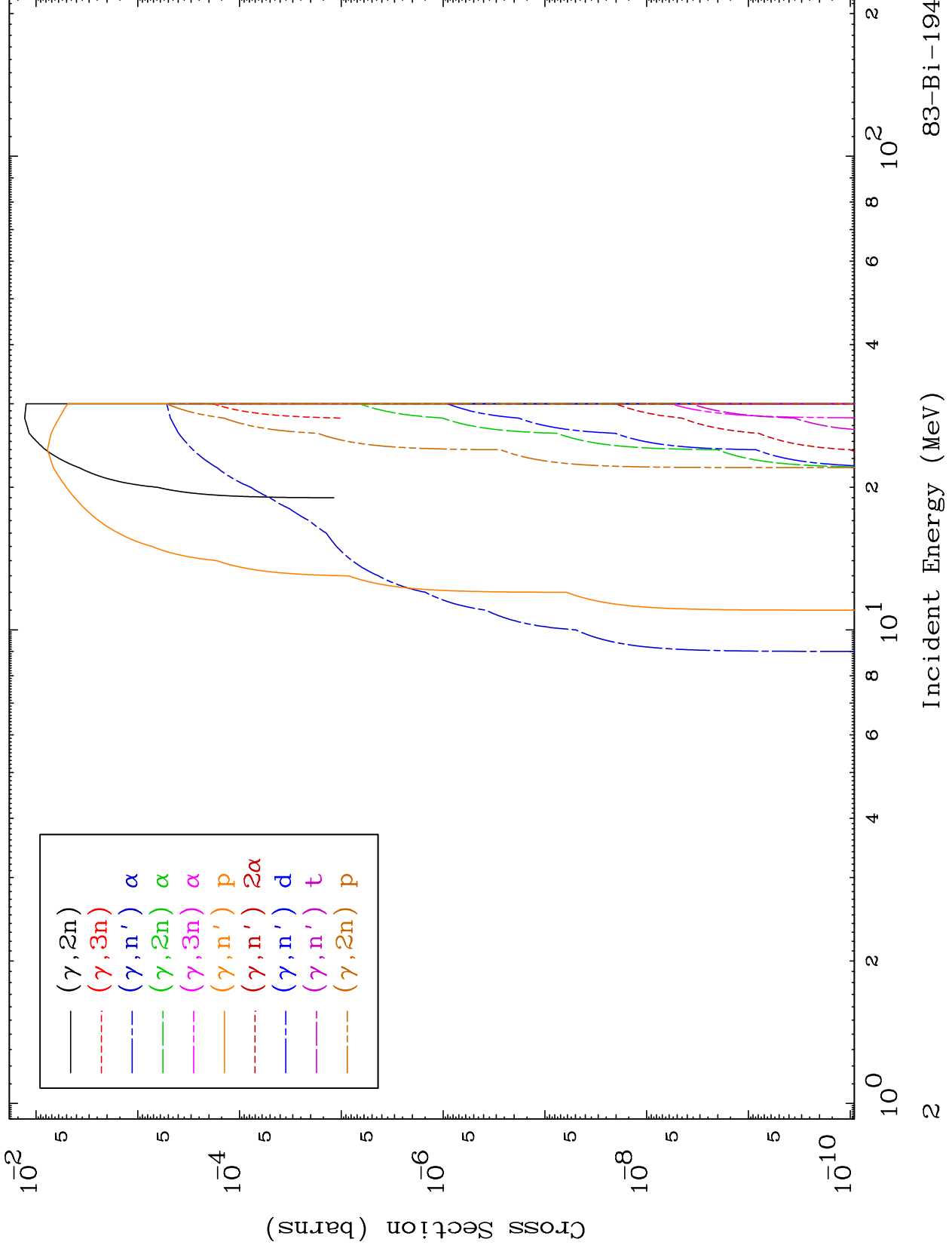
83-Bi-194

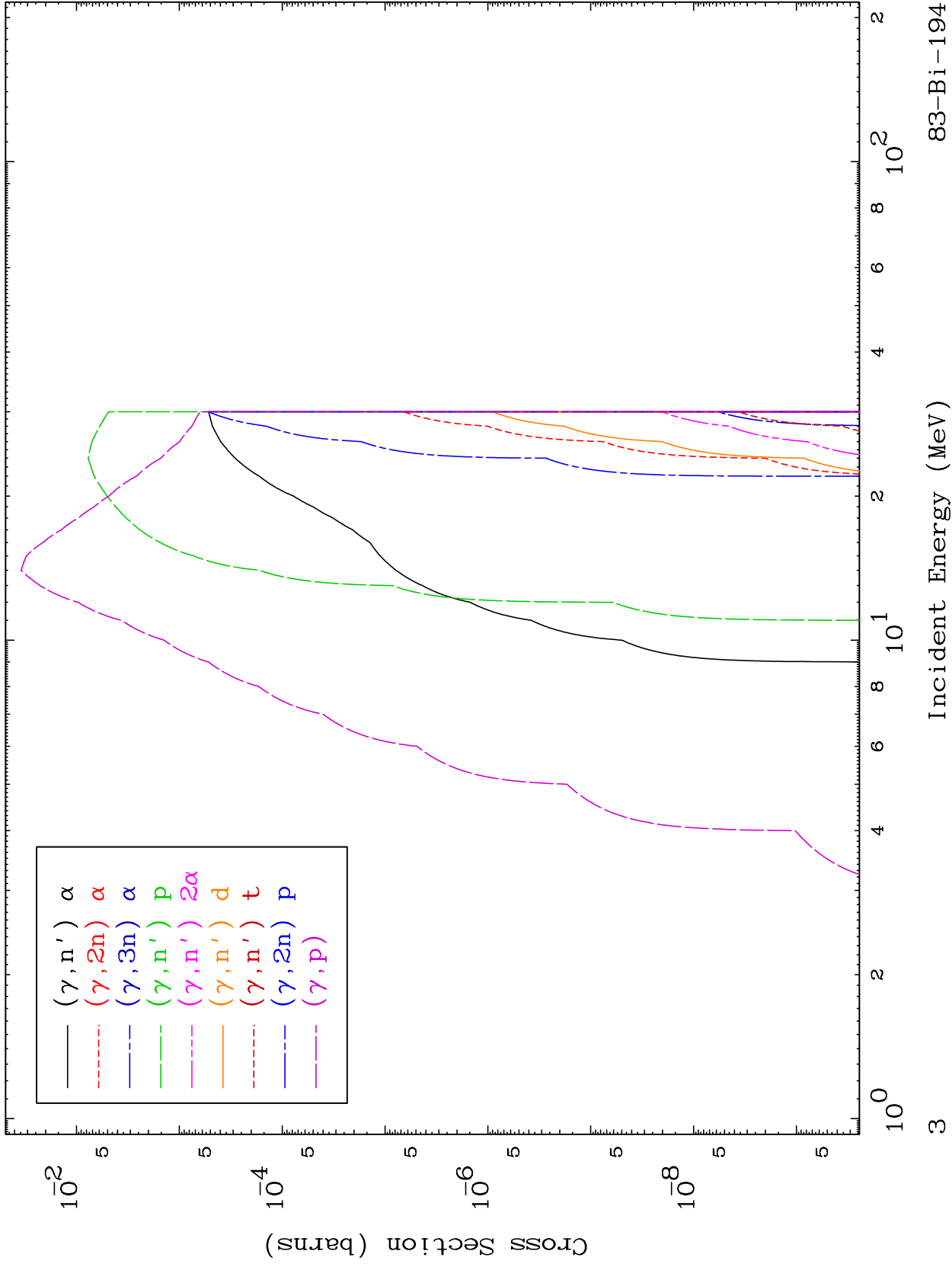
Incident Energy (MeV)

MAT 8280

Photon Neutron Production
0 Kelvin Cross Sections

83-Bi-194

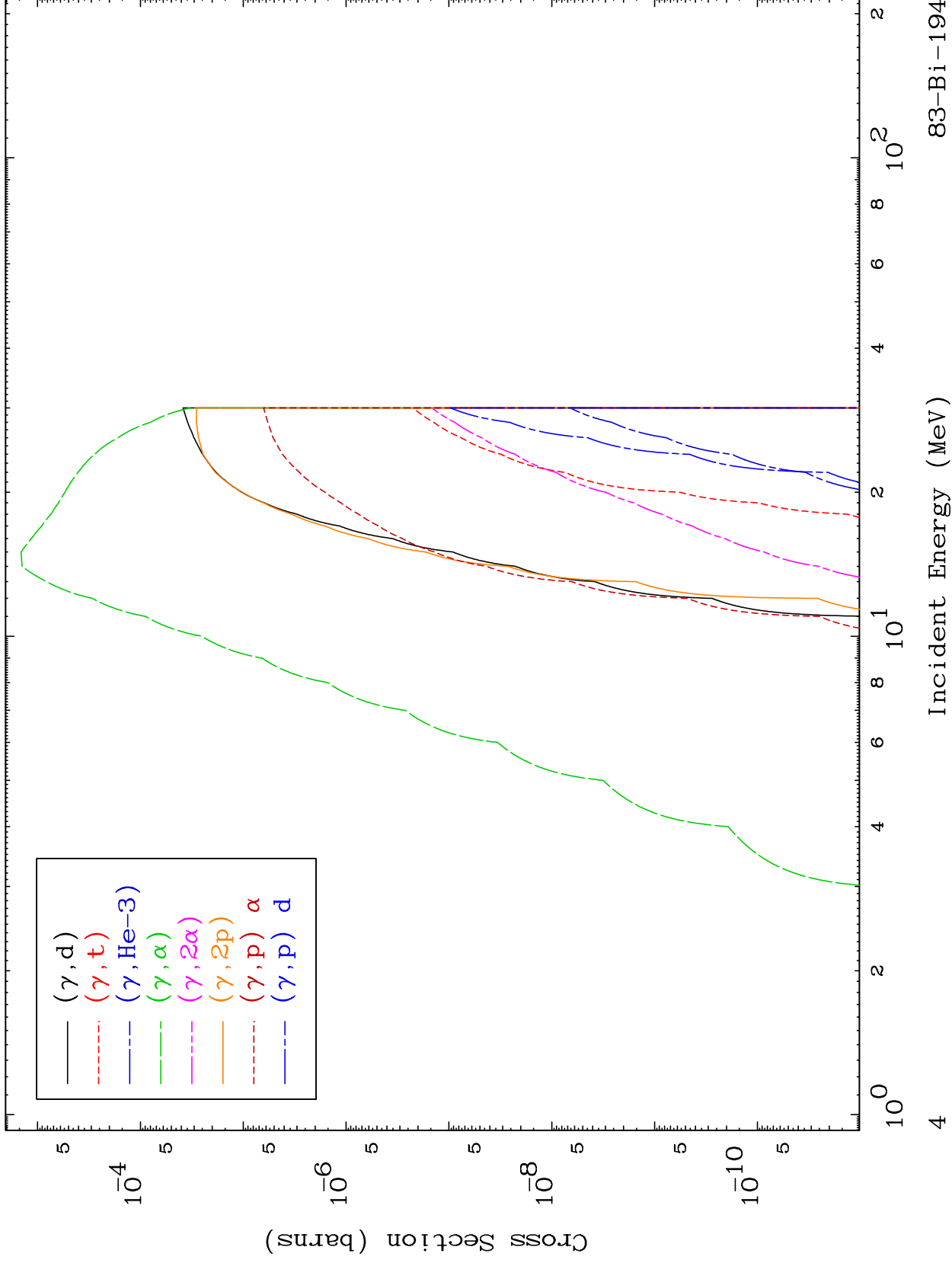




MAT 8280

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-194

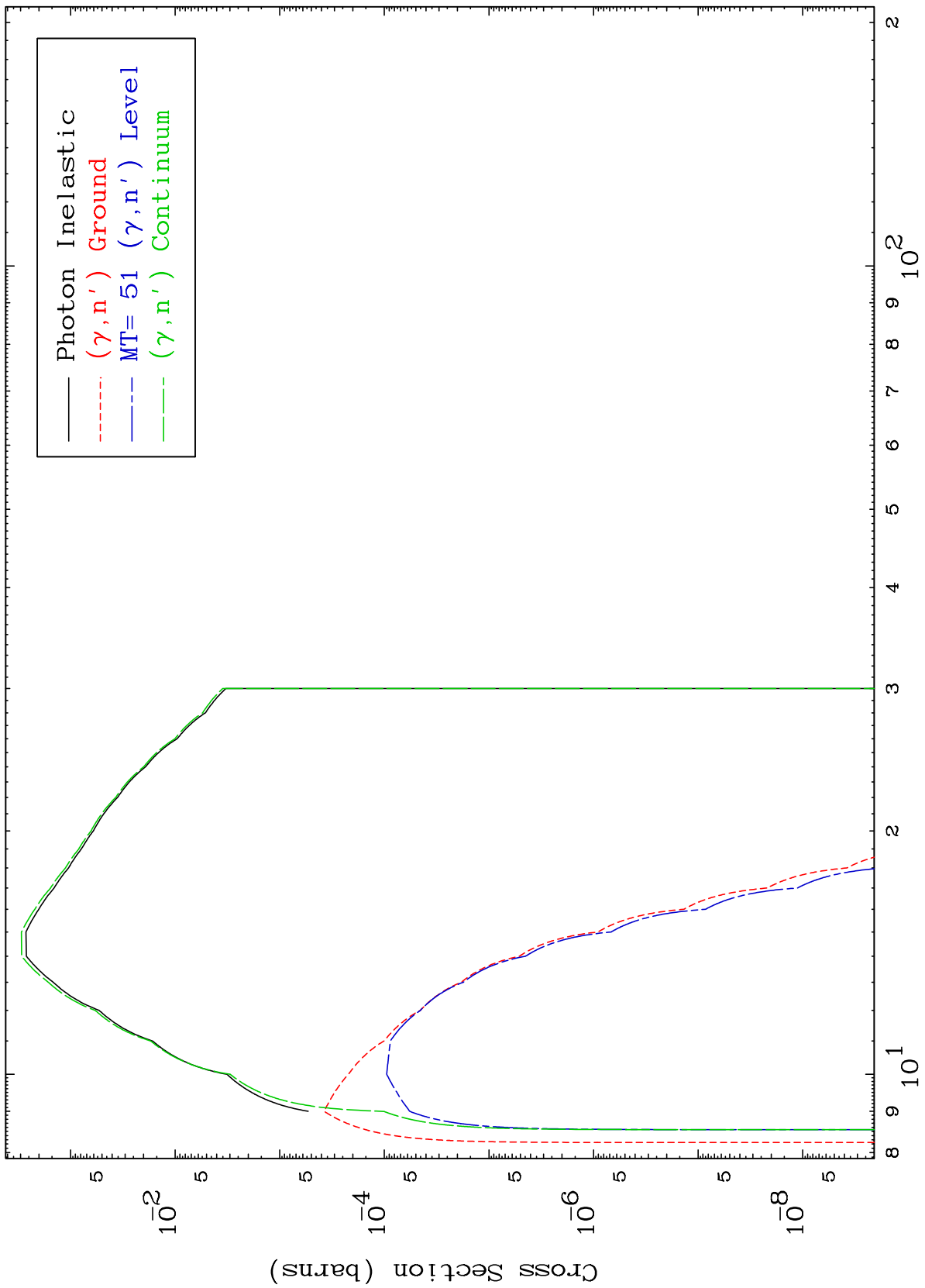


MAT 8280

(γ, n') Level

83-Bi-194

0 Kelvin Cross Sections



Incident Energy (MeV)

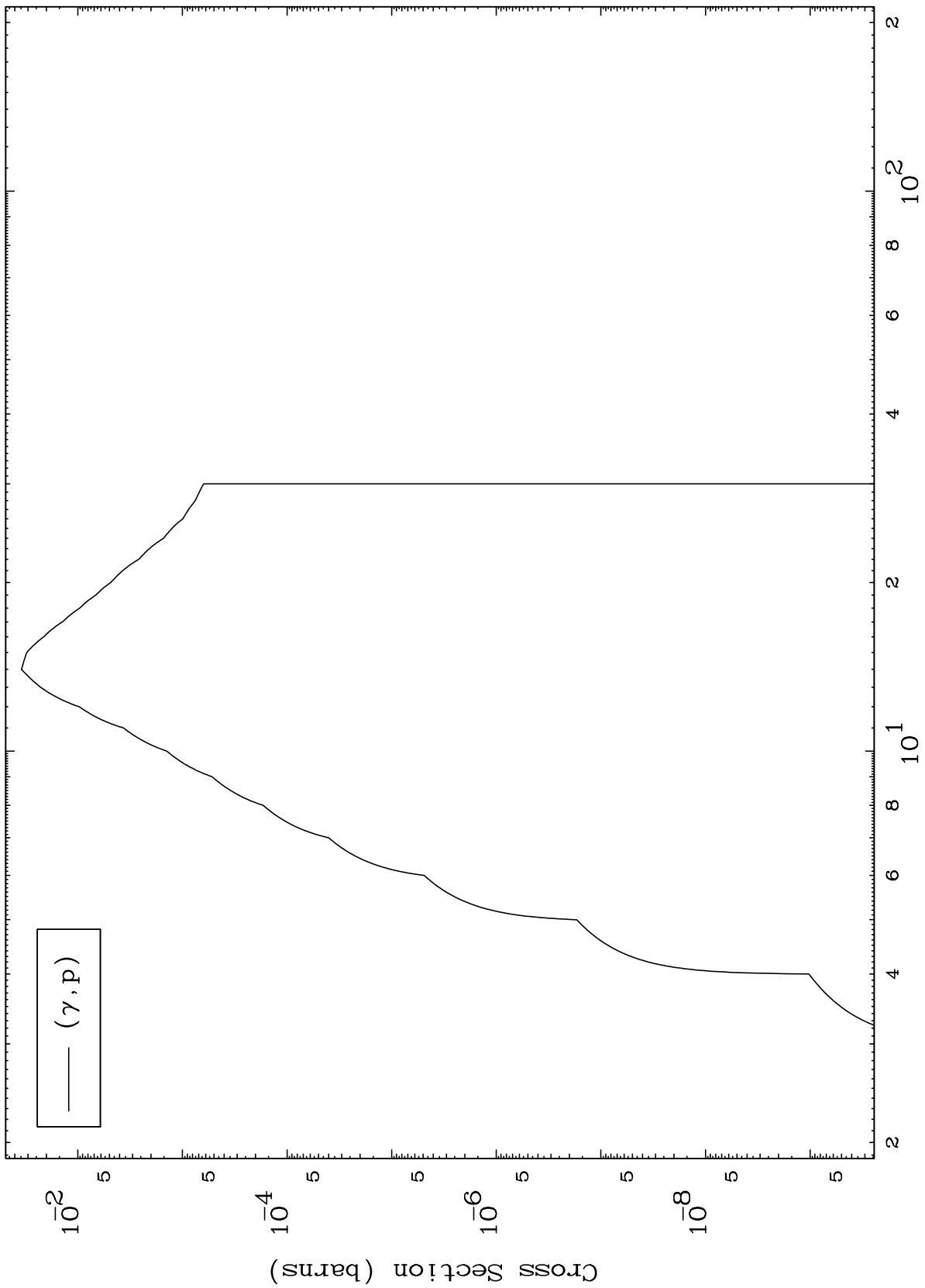
83-Bi-194

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MAT 8280

83-Bi-194

(γ, p) Levels
0 Kelvin Cross Sections



83-Bi-194

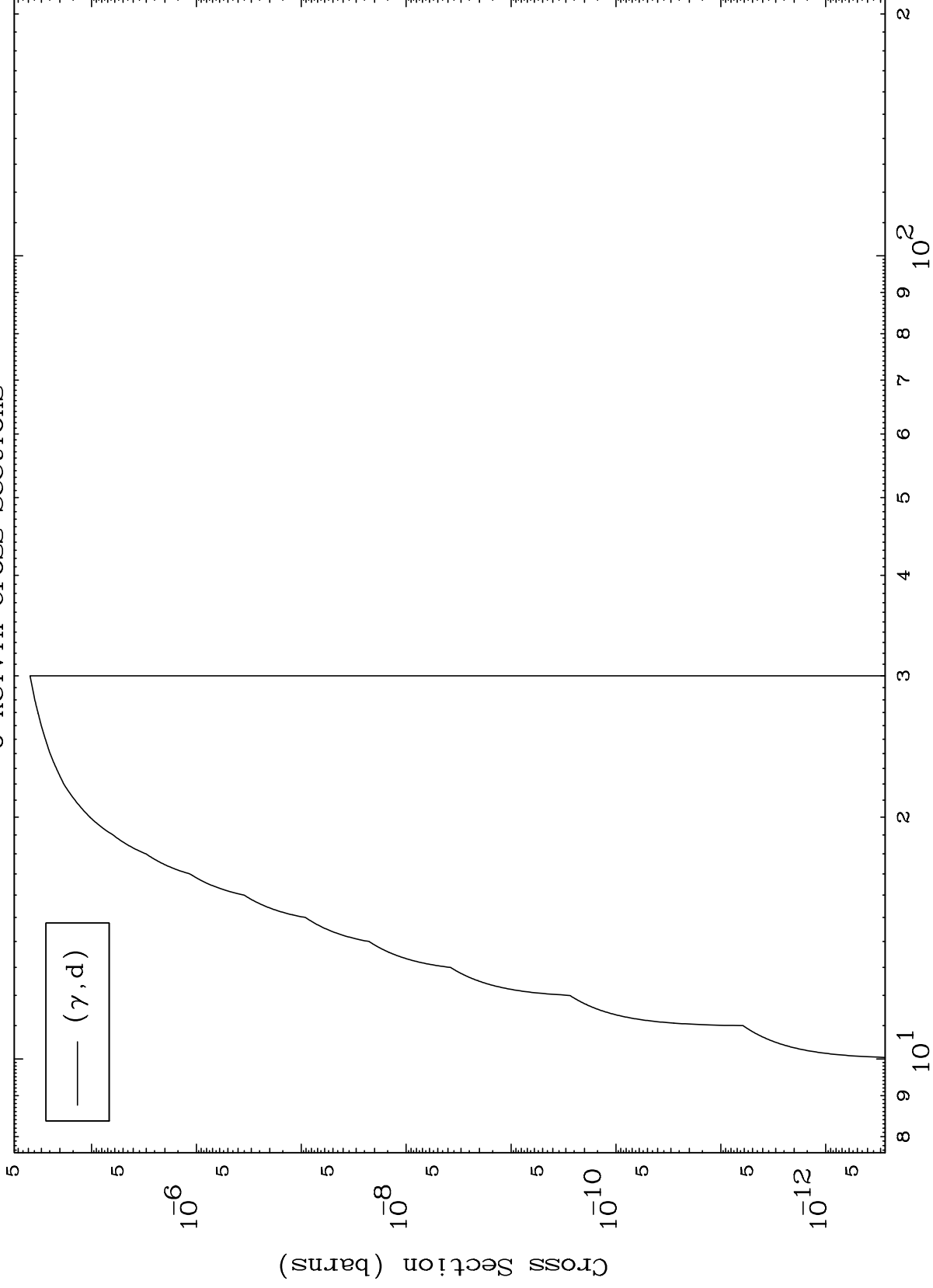
Incident Energy (MeV)

6

MAT 8280

(γ, d) Levels
0 Kelvin Cross Sections

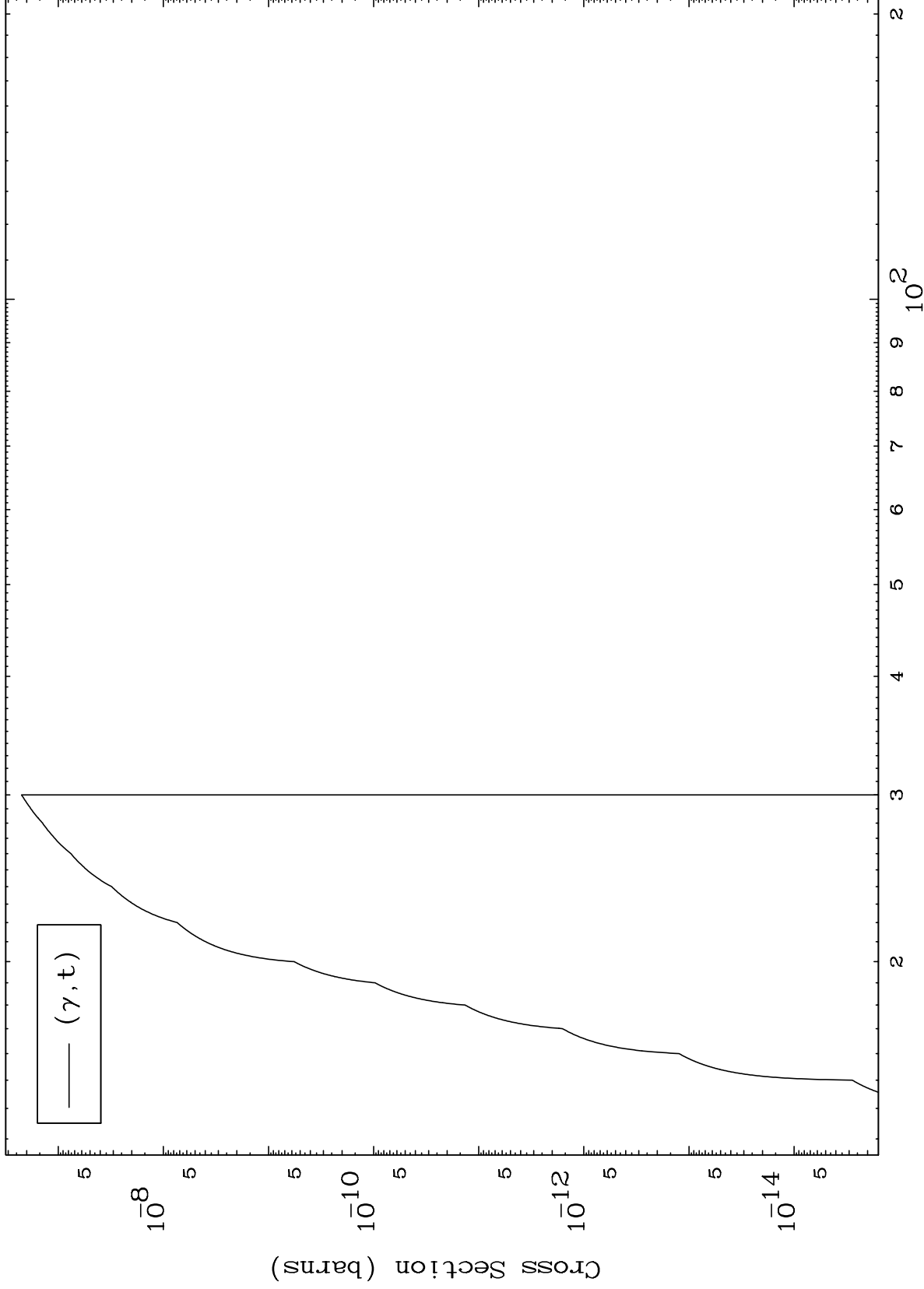
83-Bi-194



7

Incident Energy (MeV)

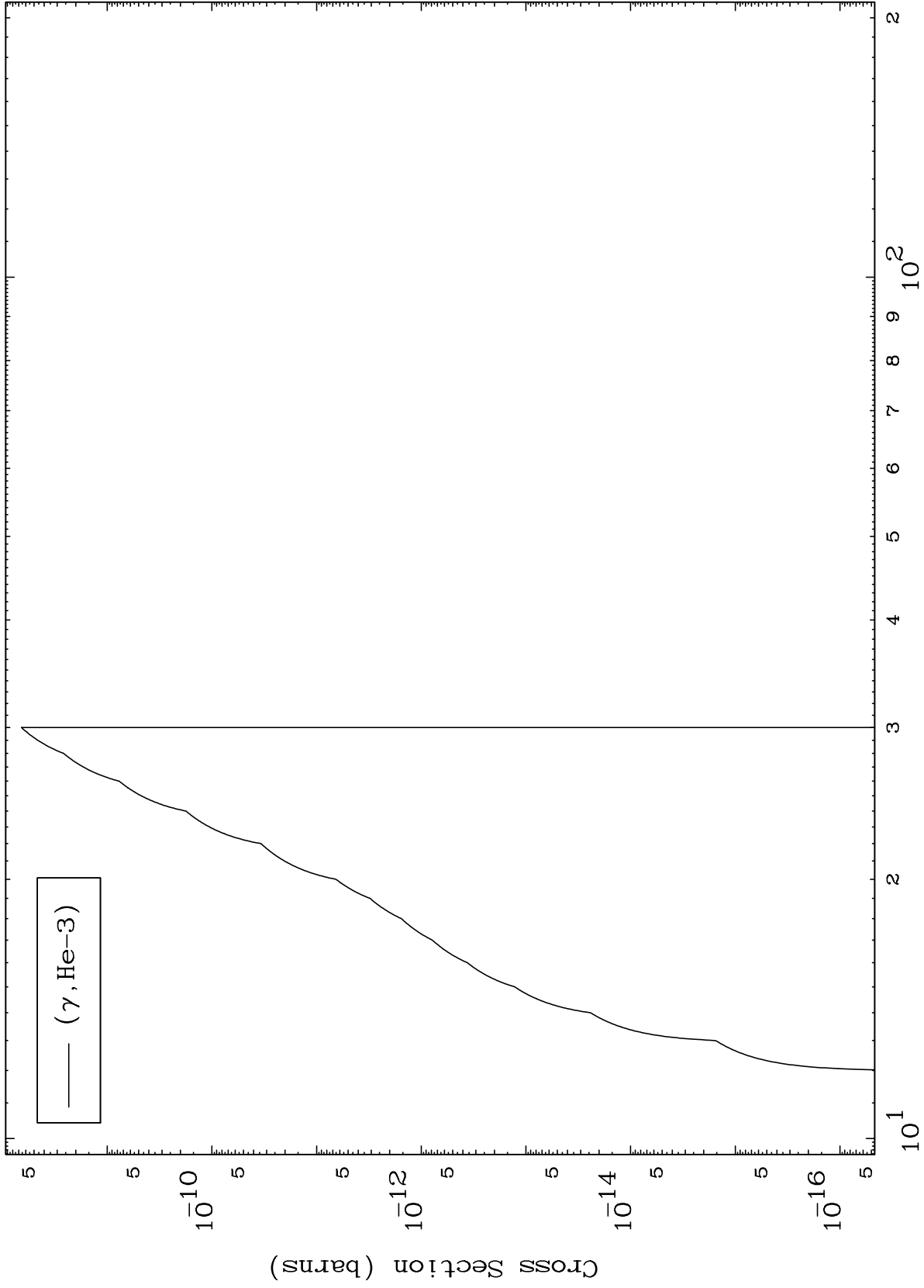
83-Bi-194



MAT 8280

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

83-Bi-194



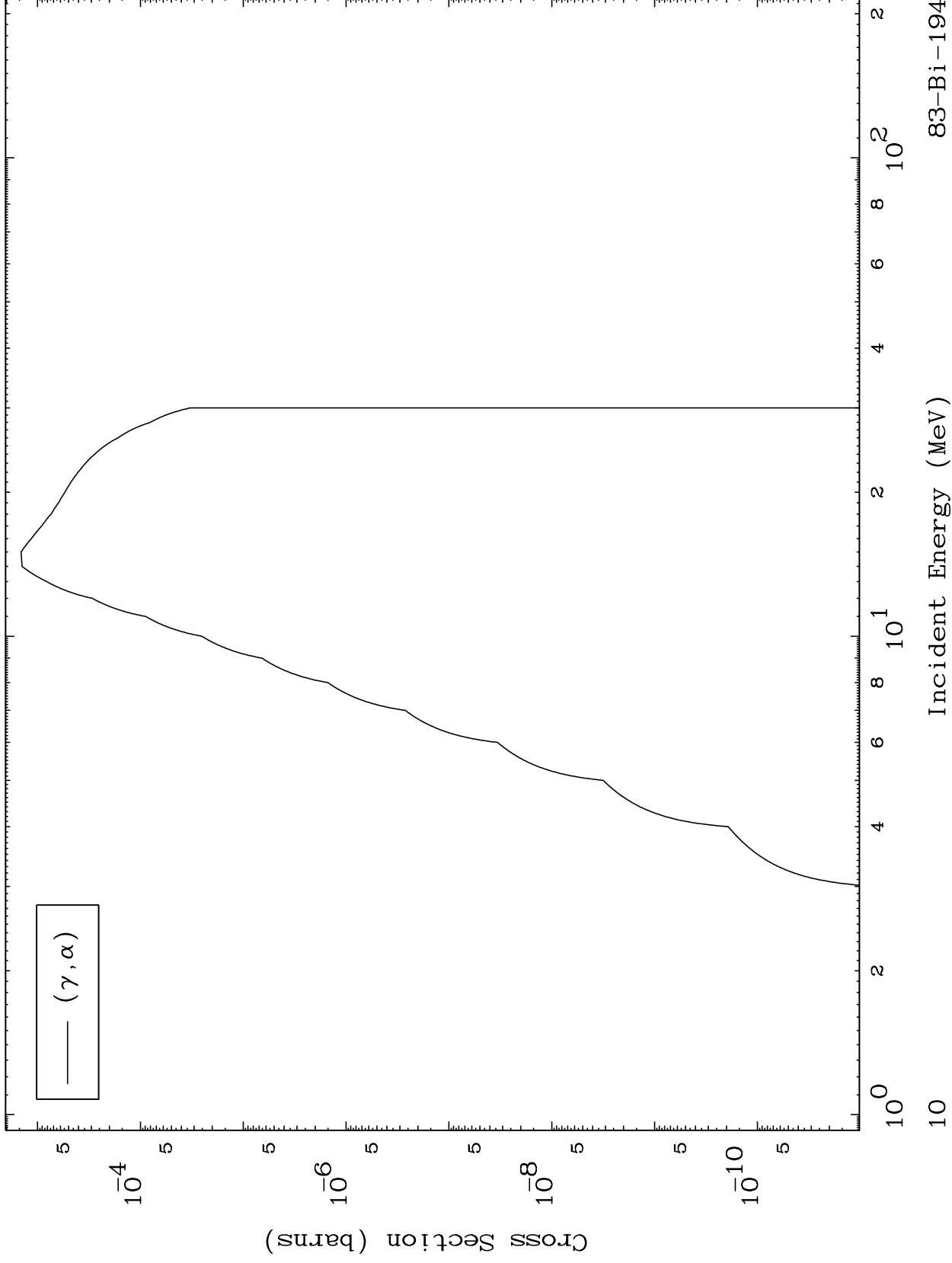
Incident Energy (MeV)

83-Bi-194

MAT 8280

(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-194



83-Bi-194

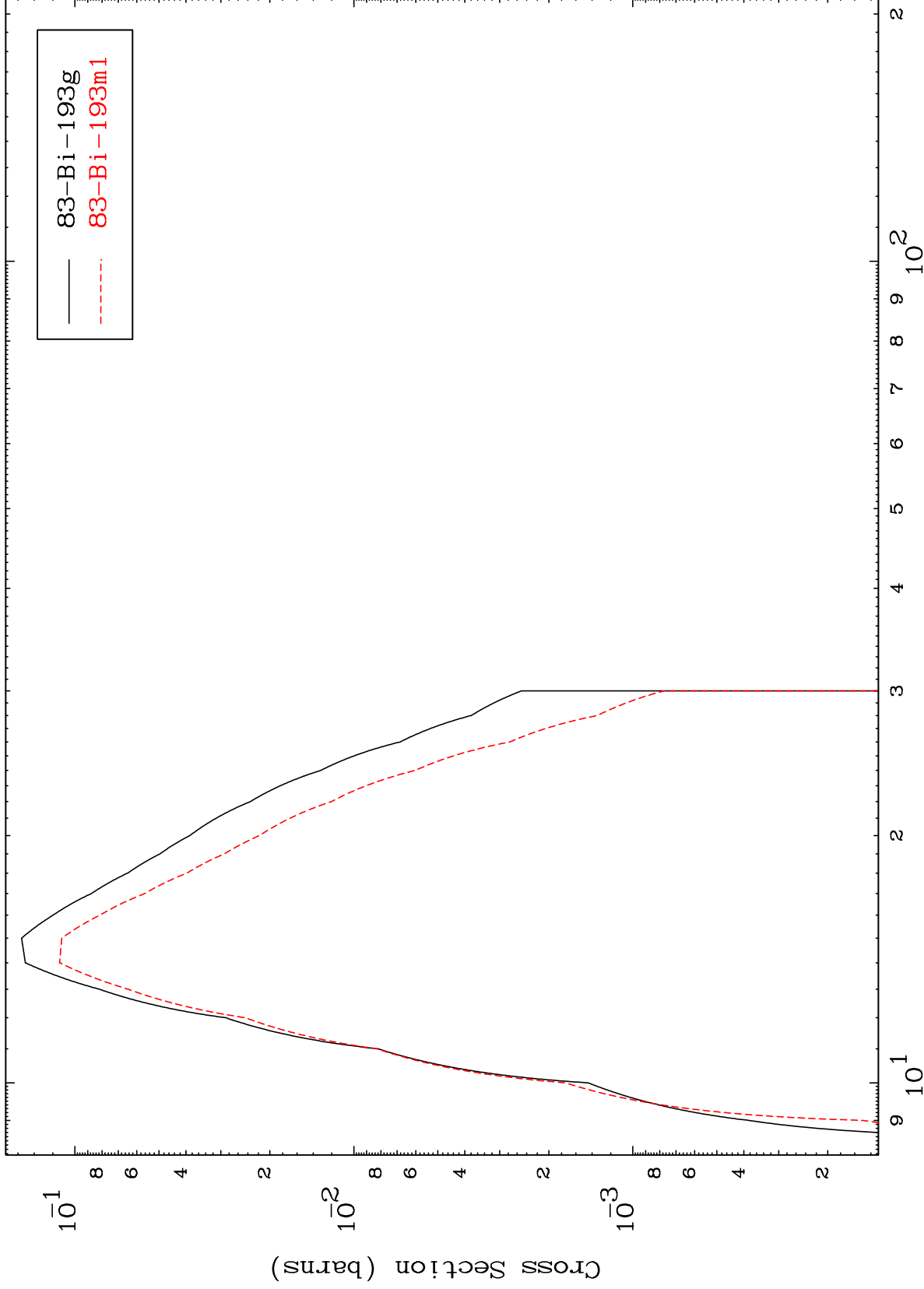
Incident Energy (MeV)

MAT 8280

Photon Inelastic

83-Bi-194

Radionuclide Production Cross Section



11

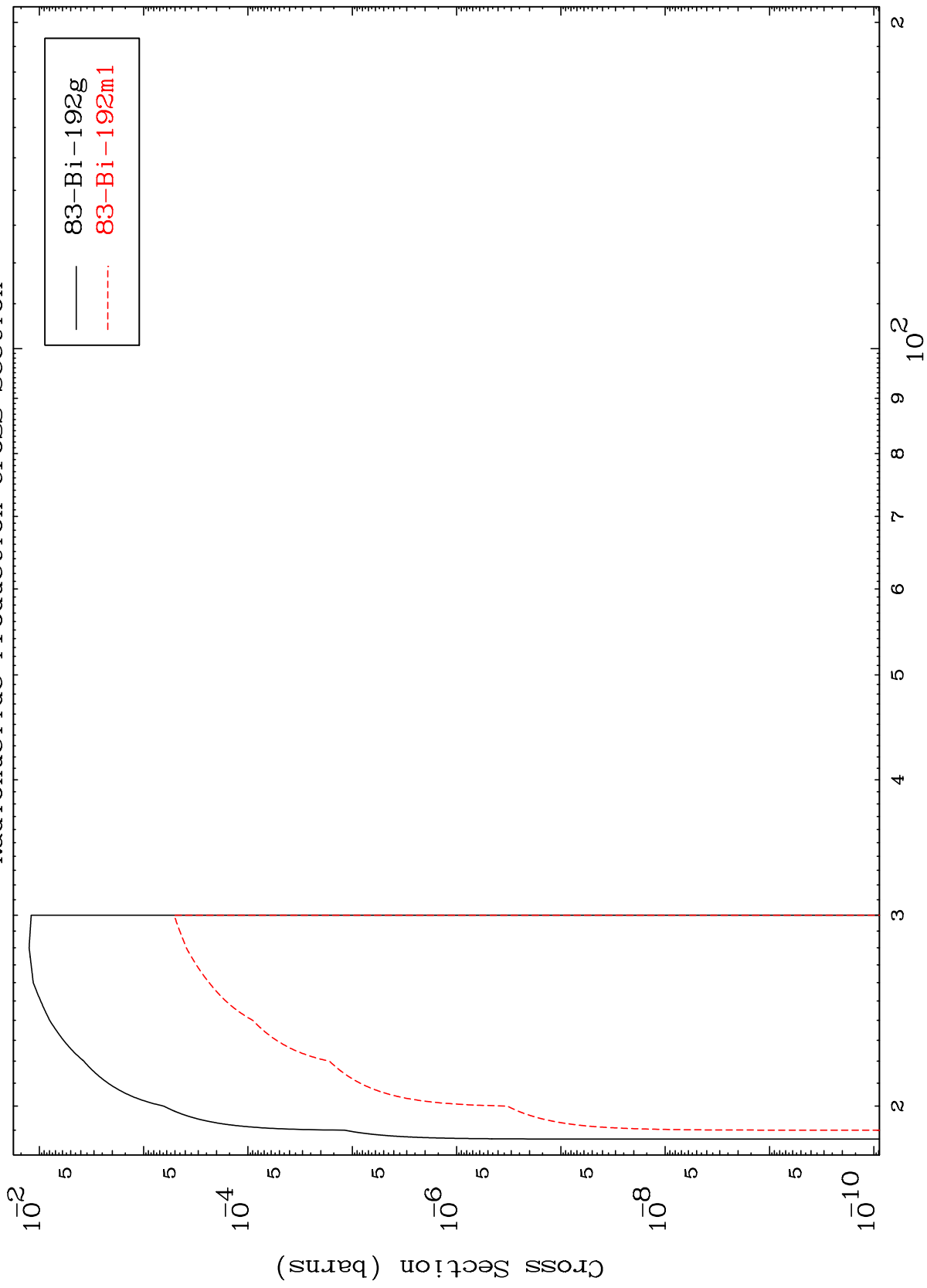
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

Radionuclide Production Cross Section
($\gamma, 2n$)



12

Incident Energy (MeV)

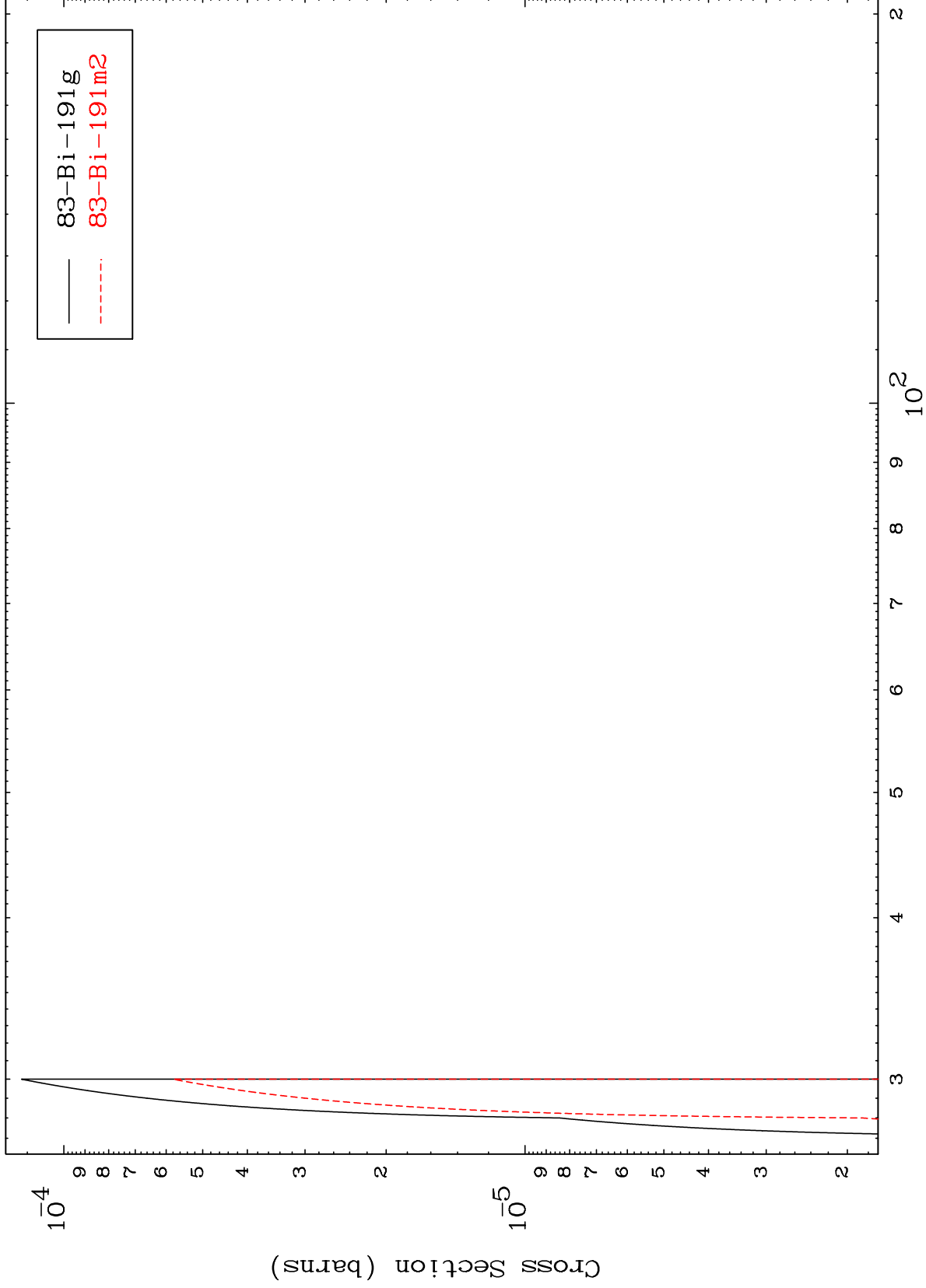
83-Bi-194

MAT 8280

($\gamma, 3n$)

$^{83}\text{Bi}-194$

Radionuclide Production Cross Section



13

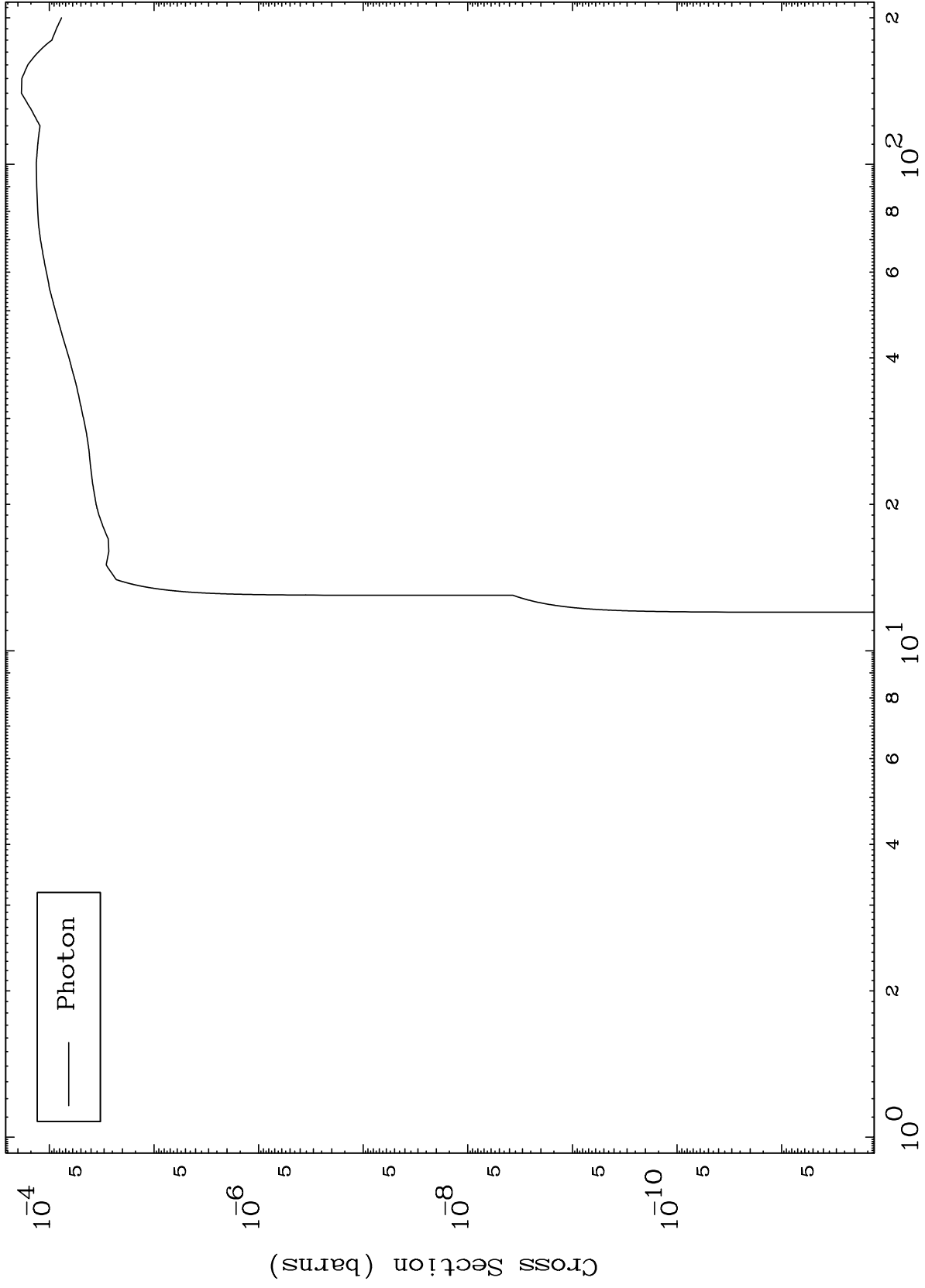
Incident Energy (MeV)

$^{83}\text{Bi}-194$

MAT 8280

83-Bi-194

Photon Fission
Radionuclide Production Cross Section



83-Bi-194

Incident Energy (MeV)

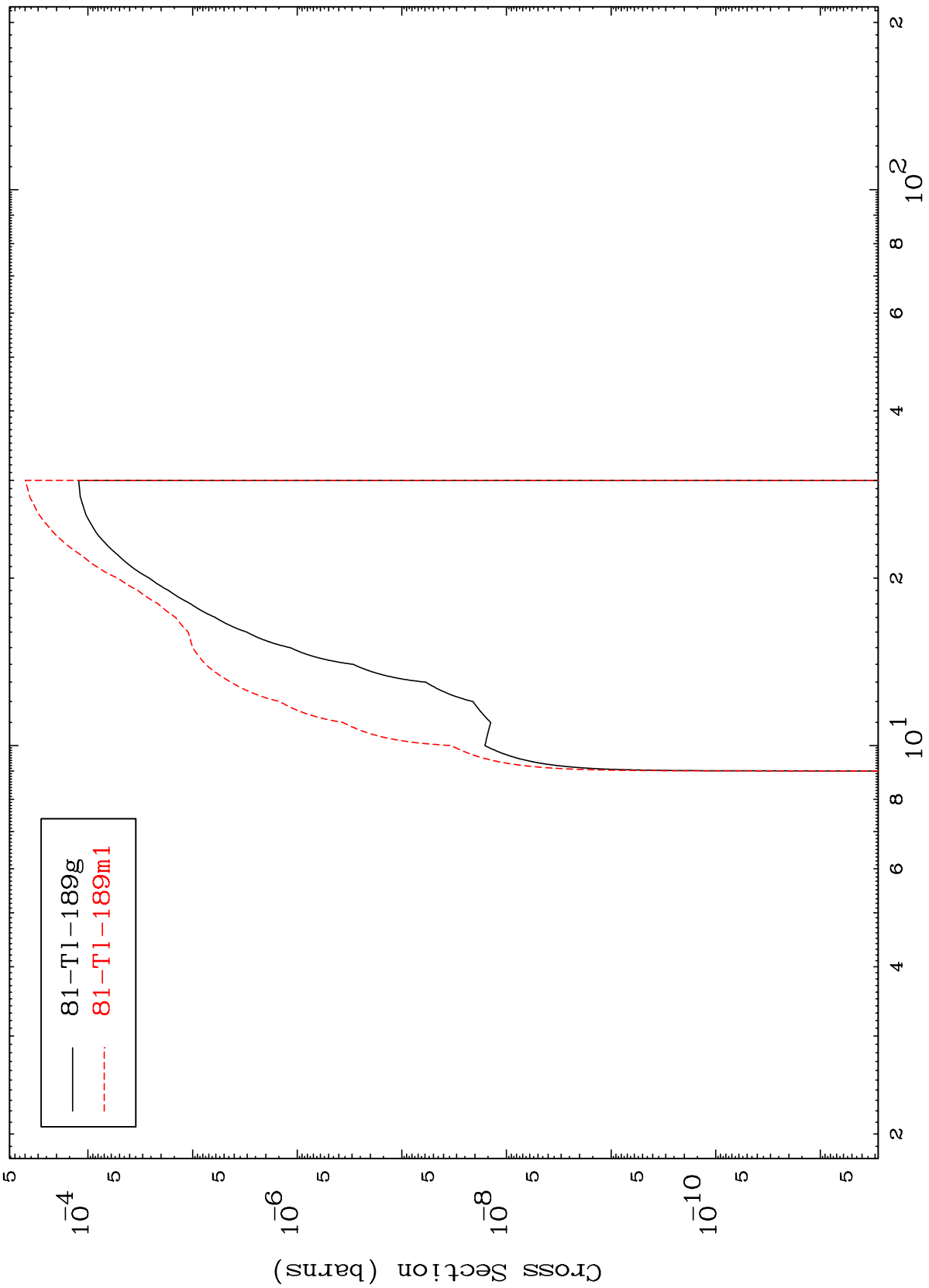
14

MAT 8280

(γ, n') α

83-Bi-194

Radionuclide Production Cross Section



81-Tl-189g
81-Tl-189m1

15

Incident Energy (MeV)

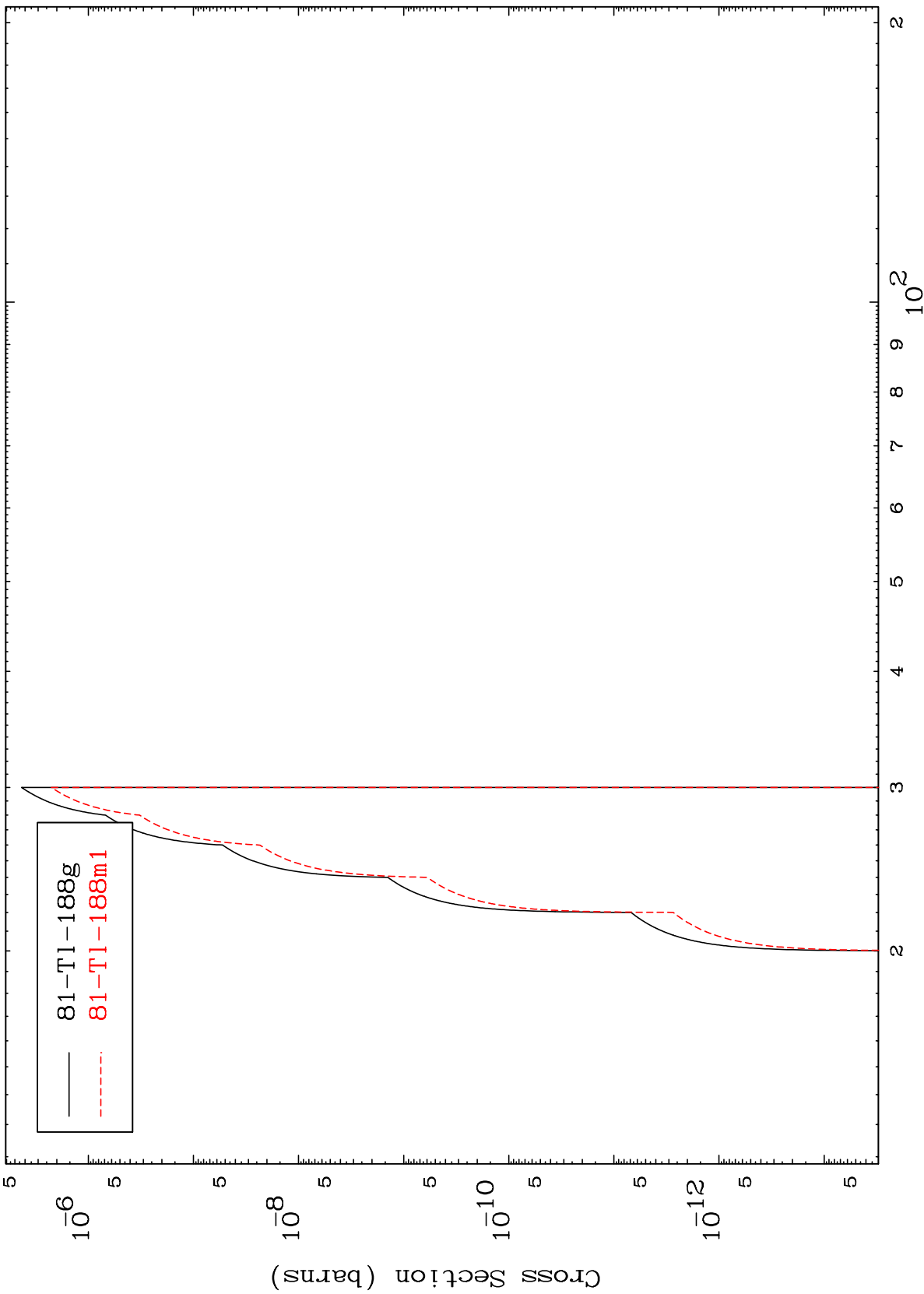
83-Bi-194

MAT 8280

($\gamma, 2n$) α

83-Bi-194

Radionuclide Production Cross Section

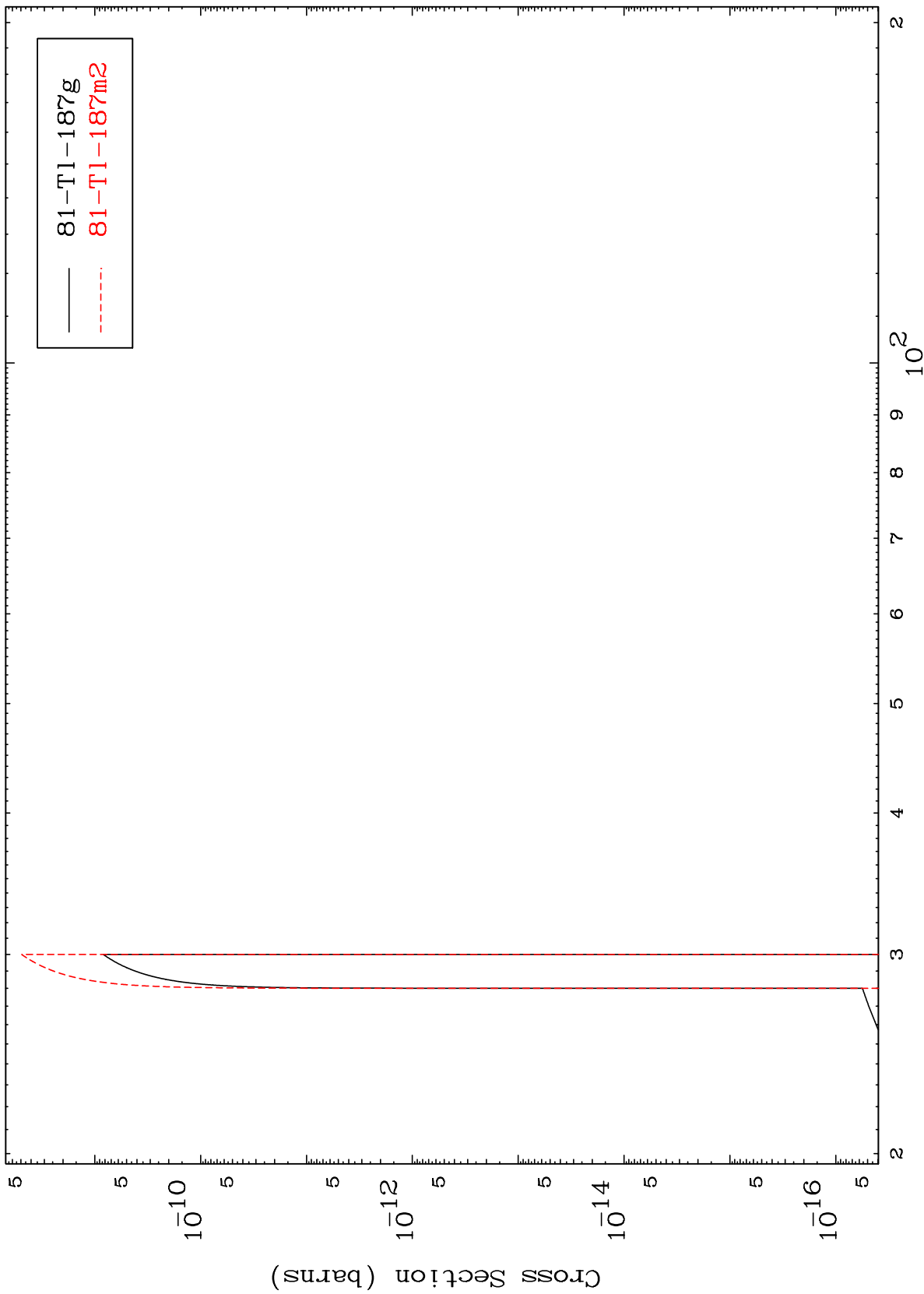


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$(\gamma, 3n) \alpha$

83-Bi-194

Radionuclide Production Cross Section



17

Incident Energy (MeV)

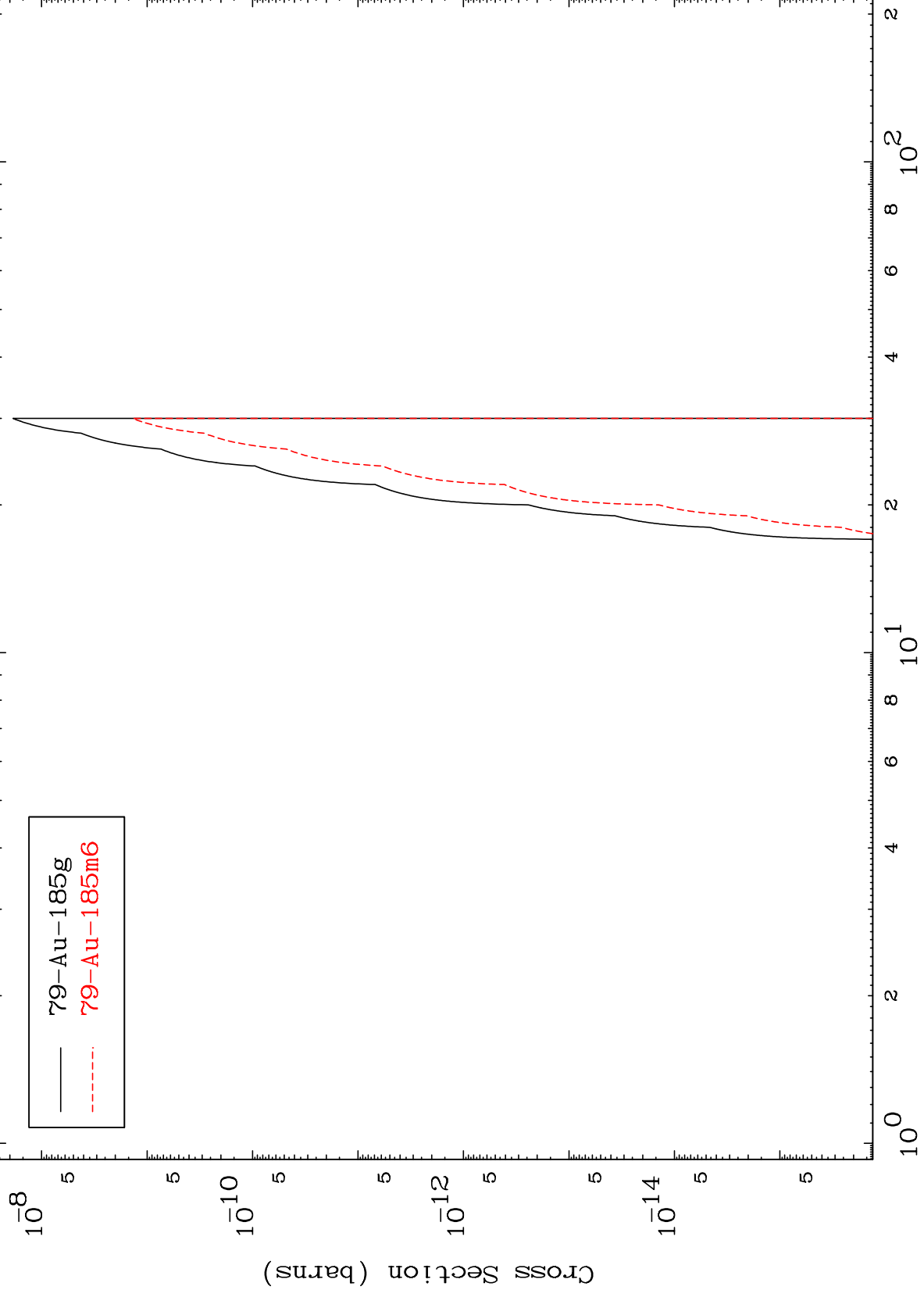
83-Bi-194

MAT 8280

(γ, n') 2α

83-Bi-194

Radionuclide Production Cross Section

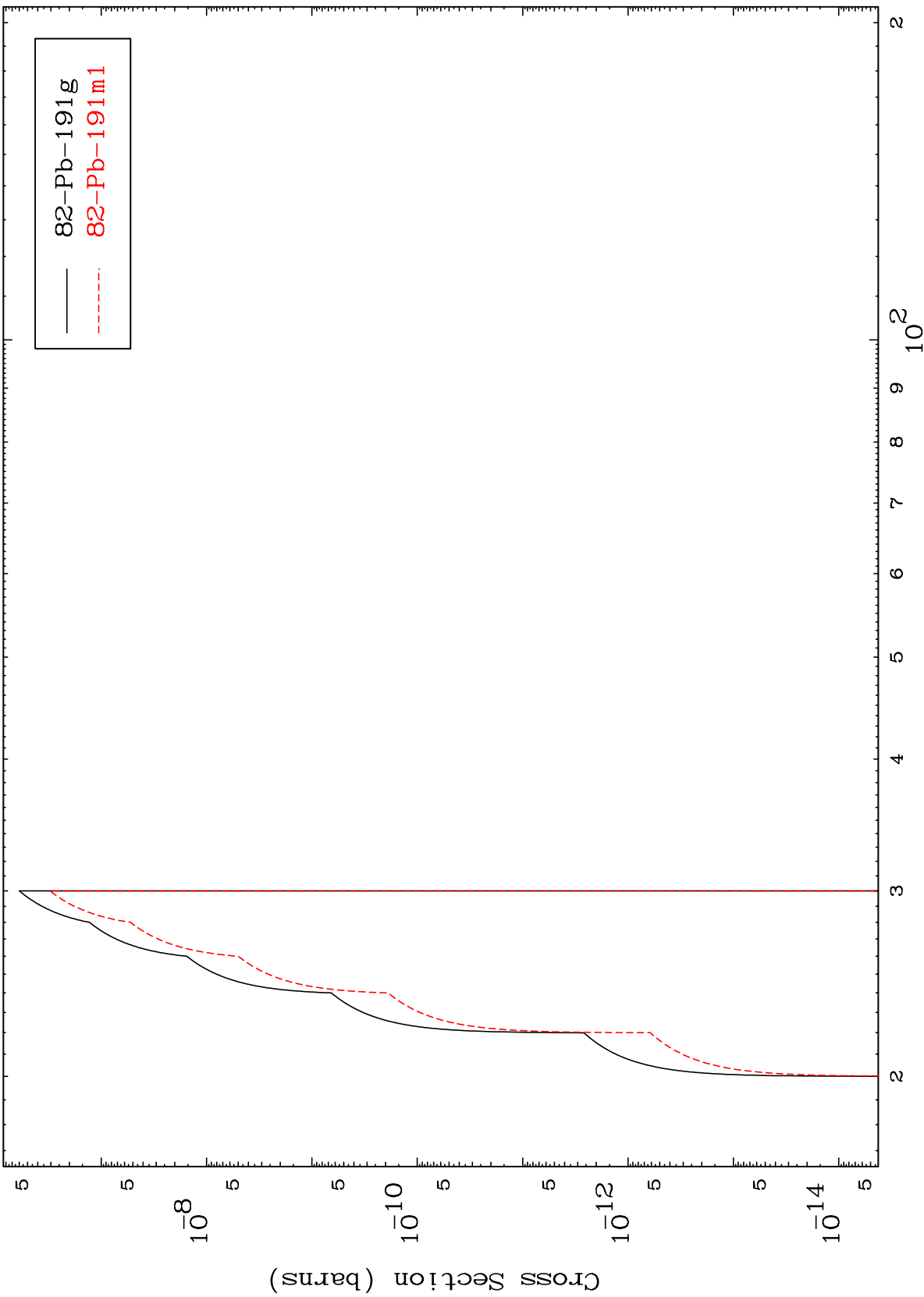


18

Incident Energy (MeV)

83-Bi-194

Radionuclide Production Cross Section

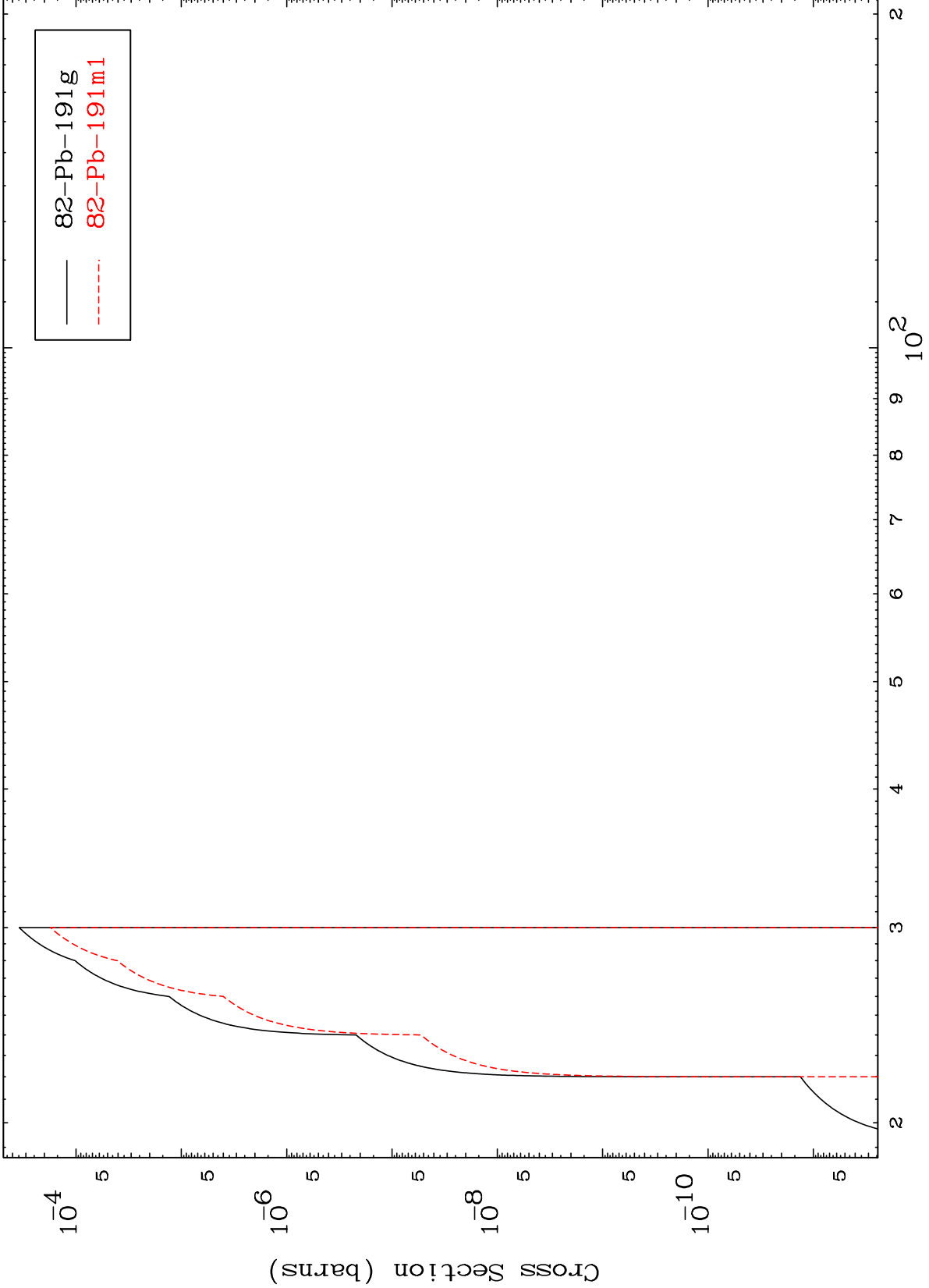


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$(\gamma, 2n)$ p

83-Bi-194

Radionuclide Production Cross Section

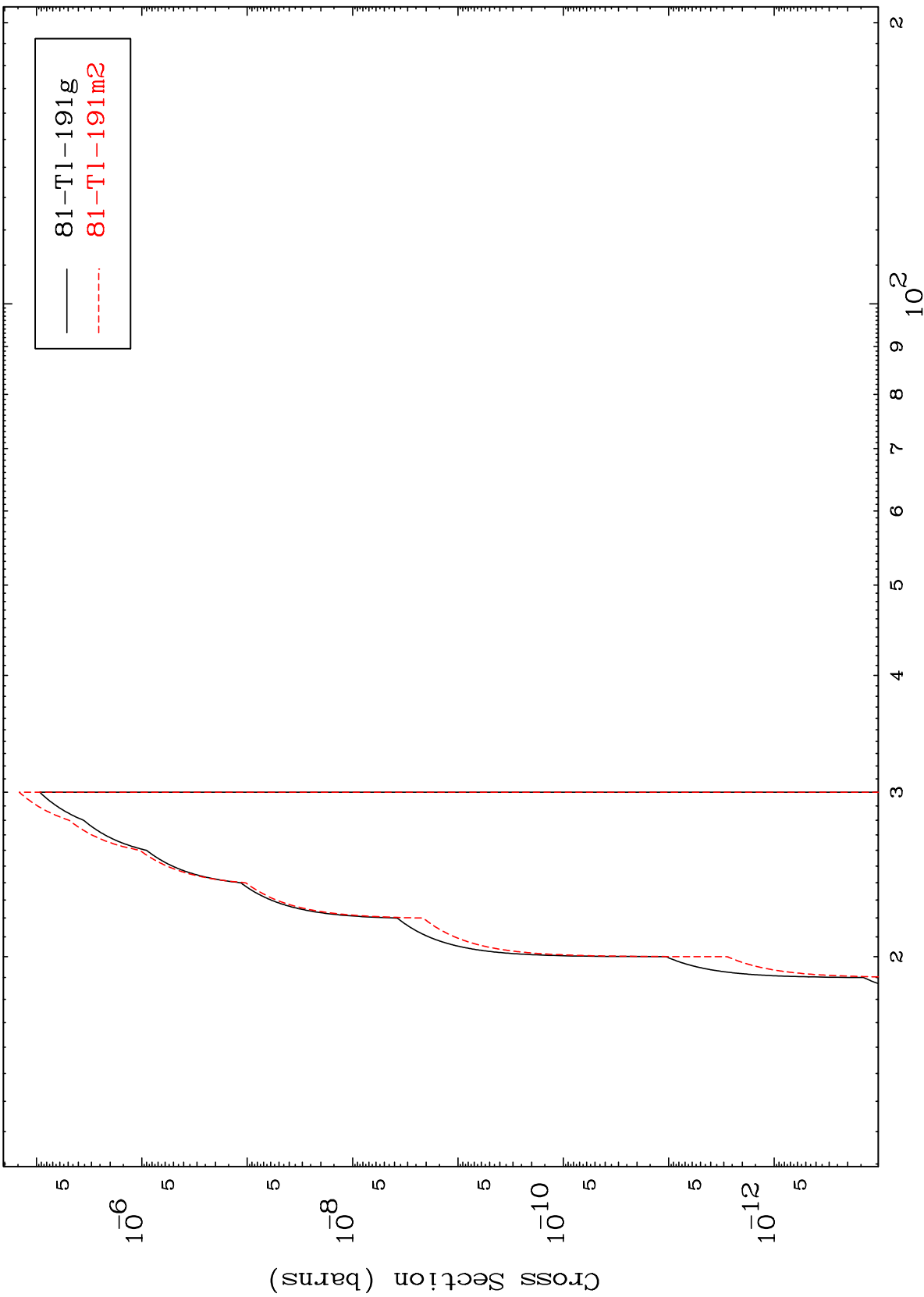


20

Incident Energy (MeV)

83-Bi-194

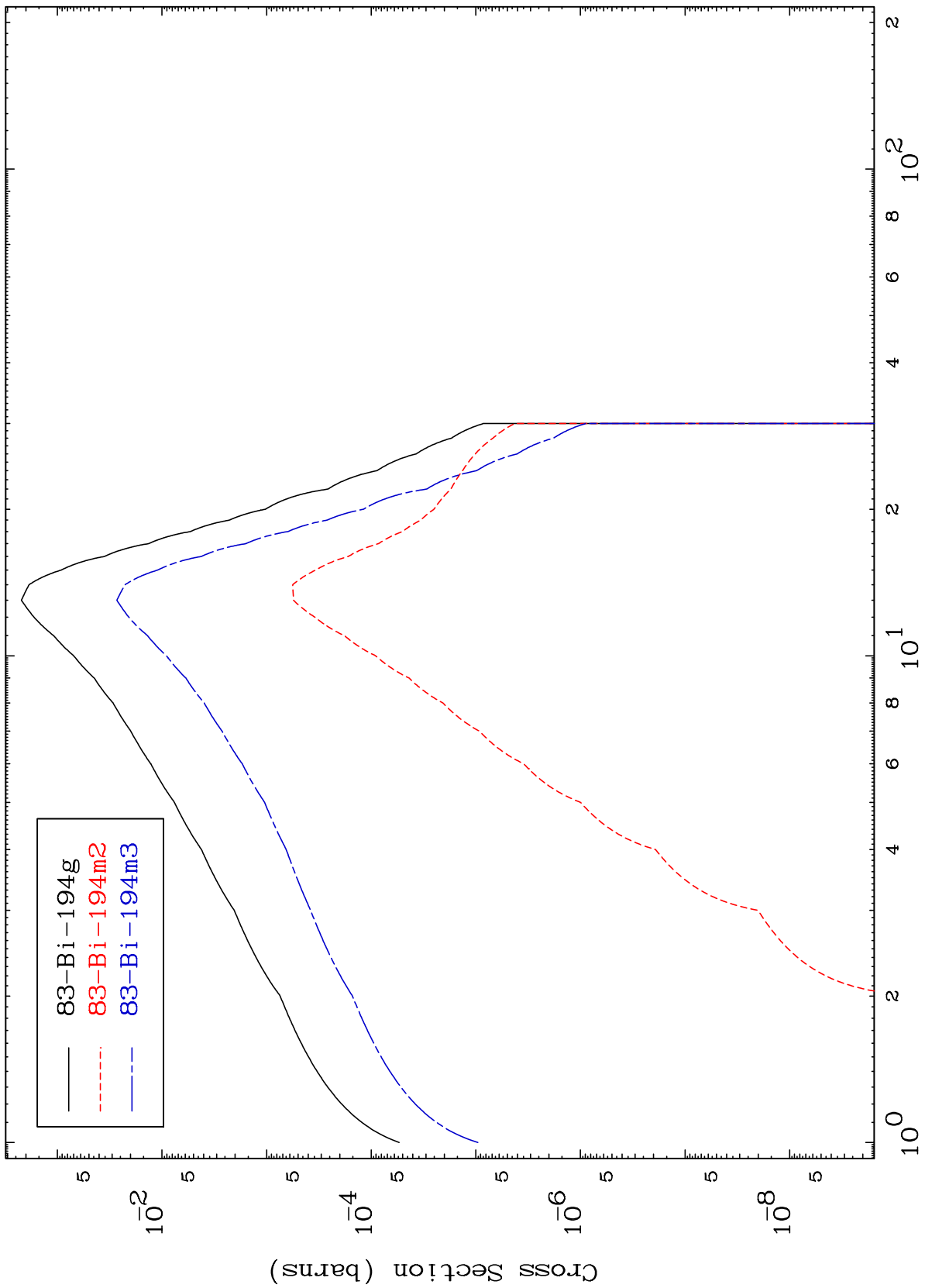
Radionuclide Production Cross Section



MAT 8280

83-Bi-194

Radionuclide Production Cross Section
(γ, γ)



83-Bi-194g
83-Bi-194m2
83-Bi-194m3

83-Bi-194

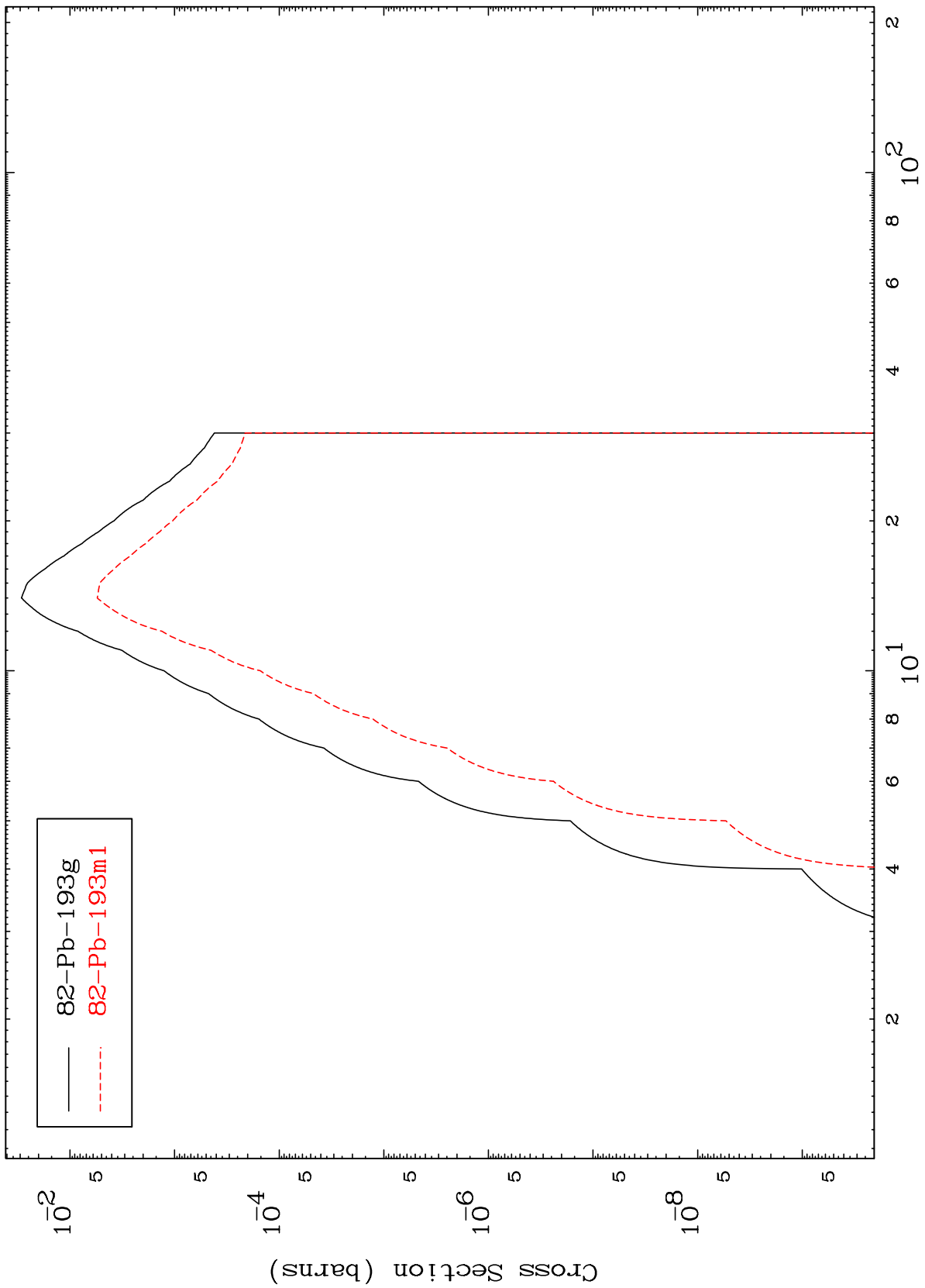
Incident Energy (MeV)

22

MAT 8280

83-Bi-194

Radionuclide Production Cross Section
(γ, p)



23

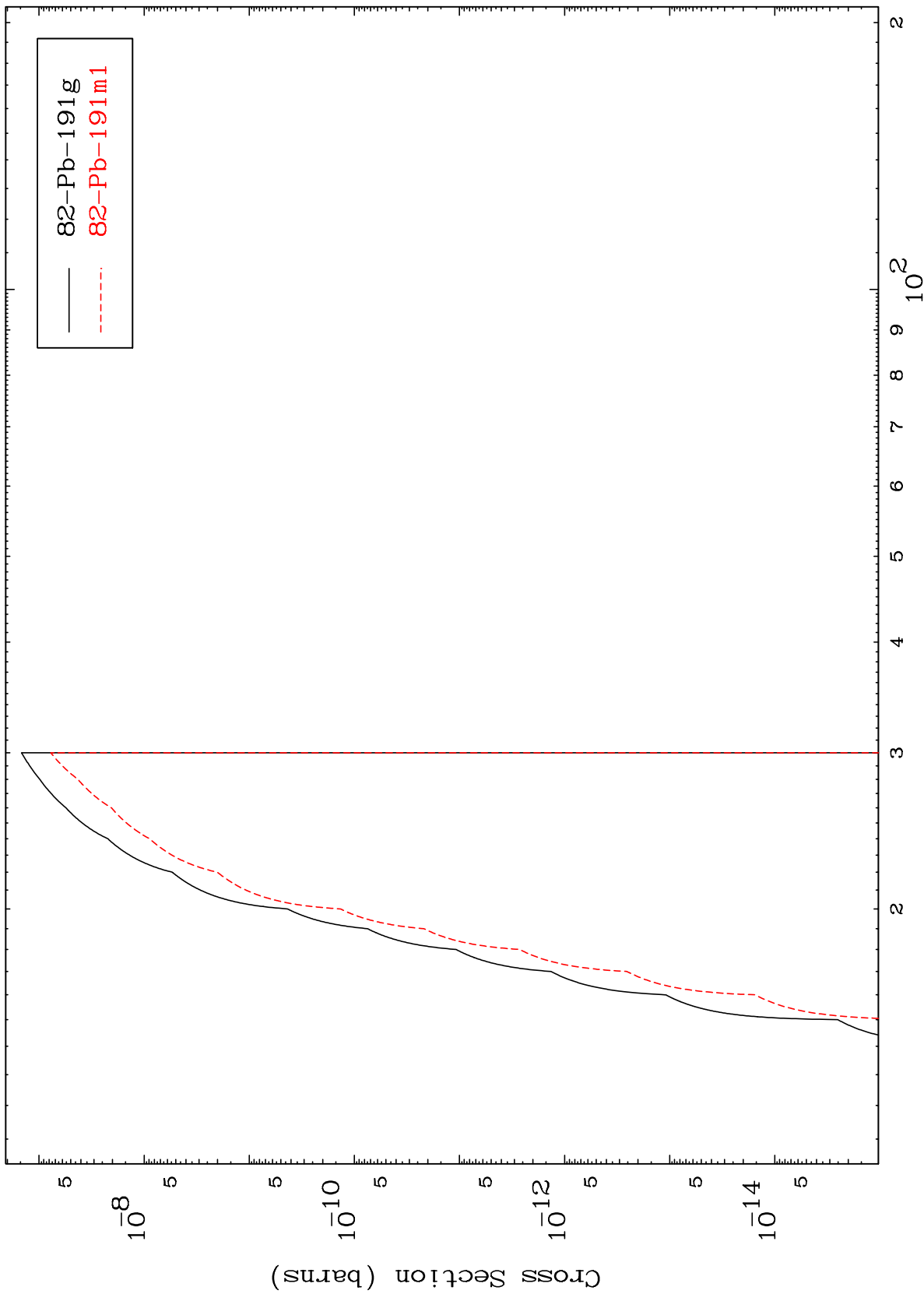
83-Bi-194

Incident Energy (MeV)

MAT 8280

83-Bi-194

(γ, t)
Radionuclide Production Cross Section



24

83-Bi-194

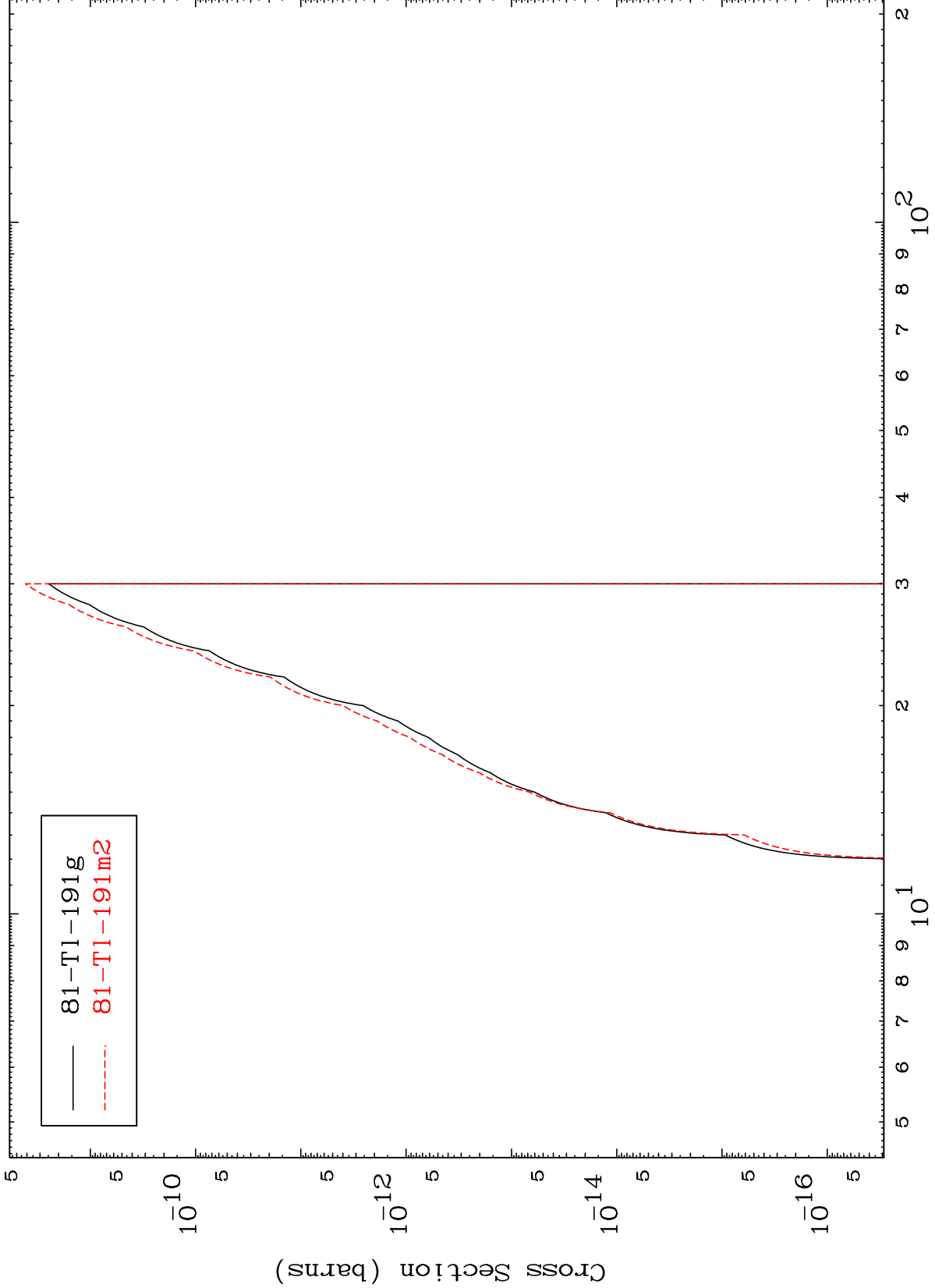
Incident Energy (MeV)

MAT 8280

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

83-Bi-194

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

25

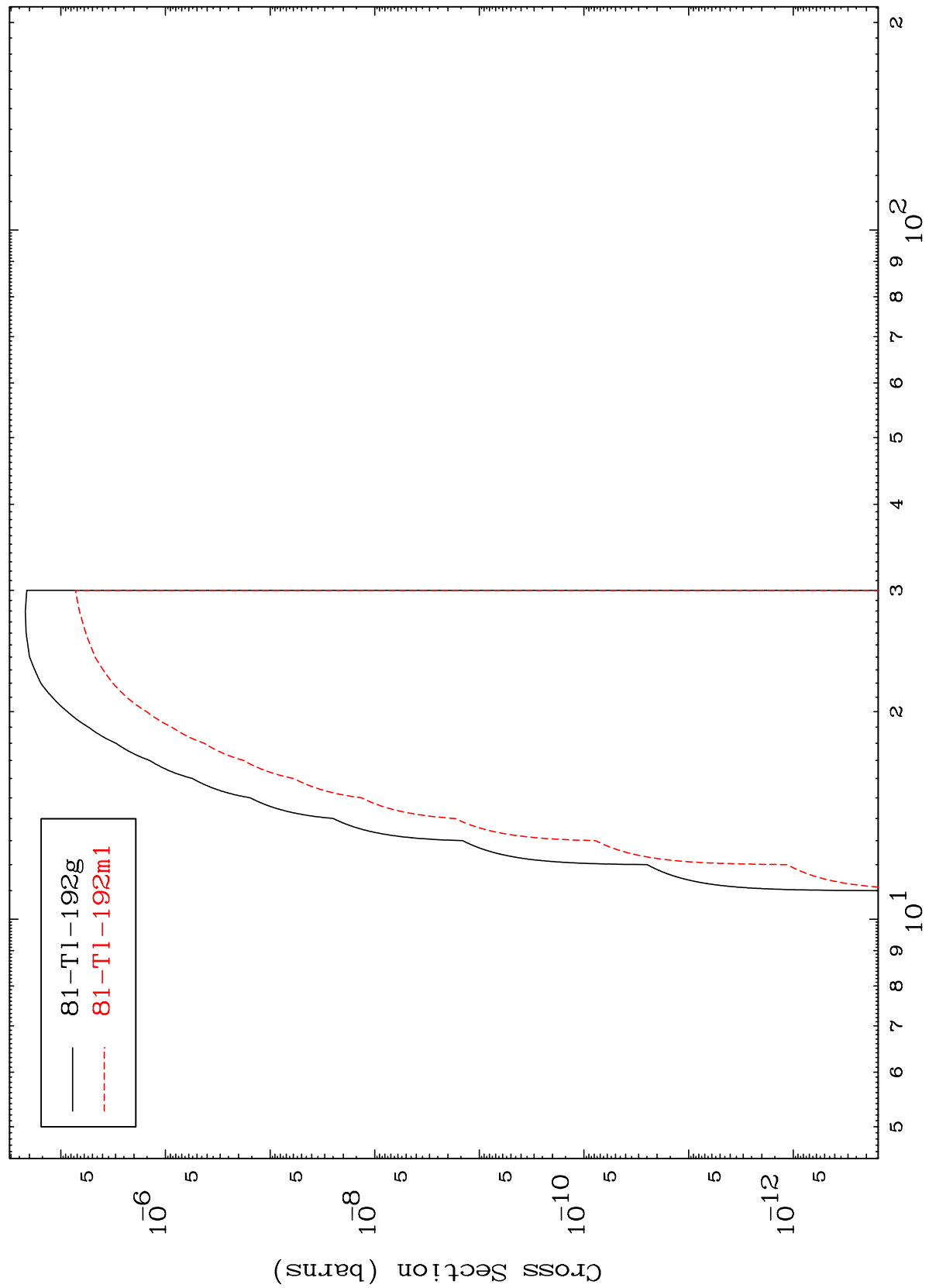
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

($\gamma, 2p$)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

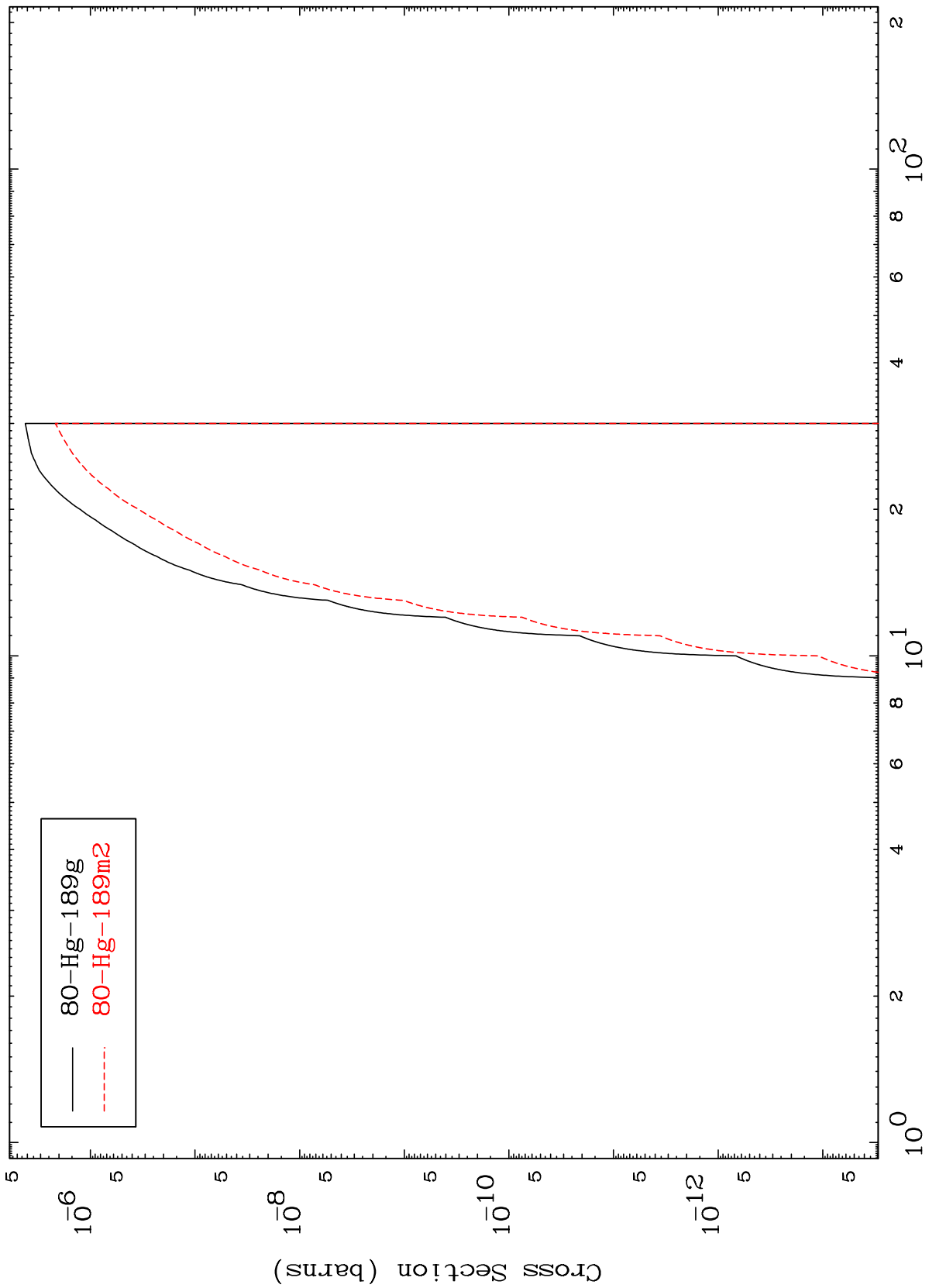
83-Bi-194

MAT 8280

$(\gamma, p) \alpha$

83-Bi-194

Radionuclide Production Cross Section



27

Incident Energy (MeV)

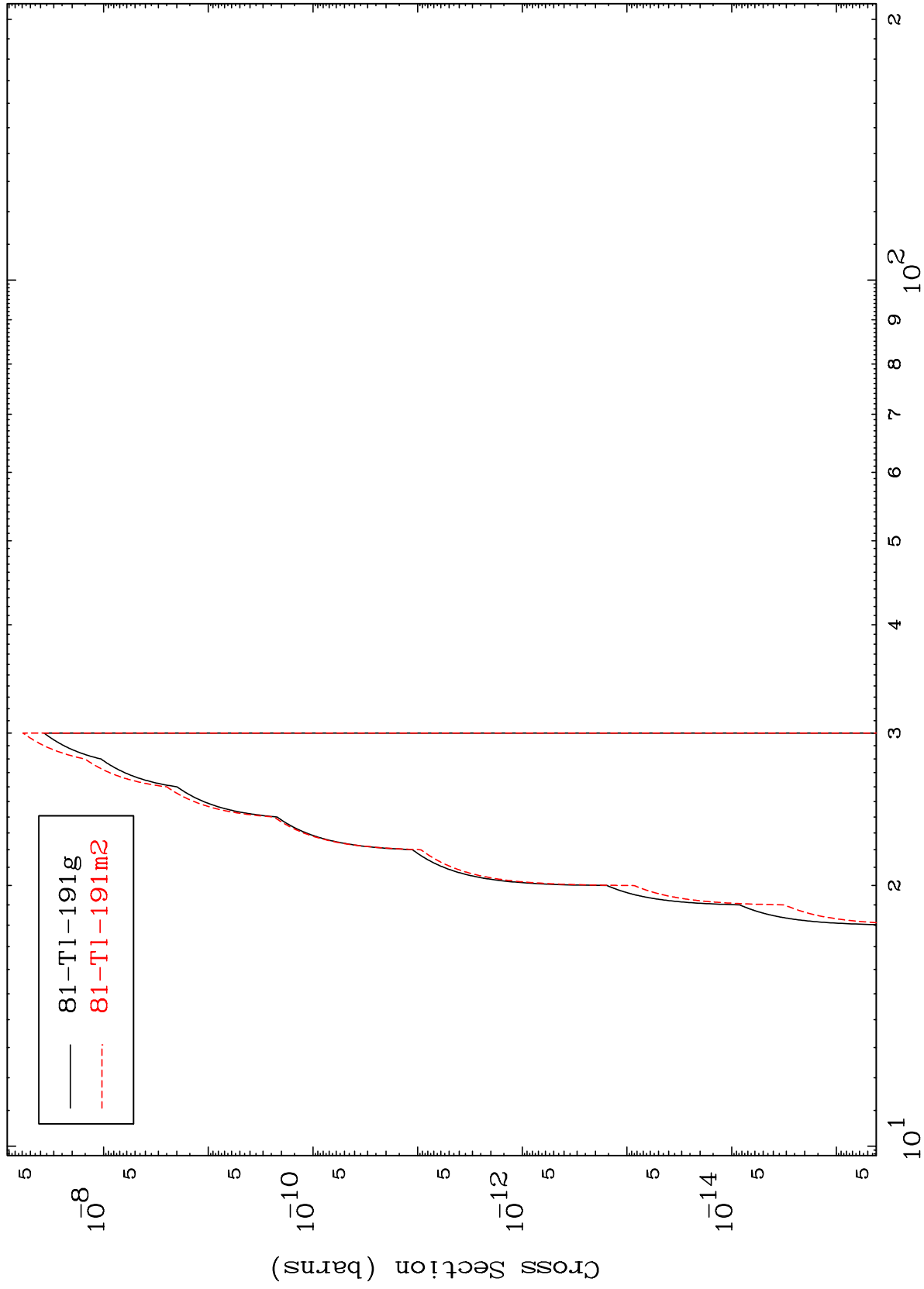
83-Bi-194

MAT 8280

(γ, p) d

83-Bi-194

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-194

28