

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

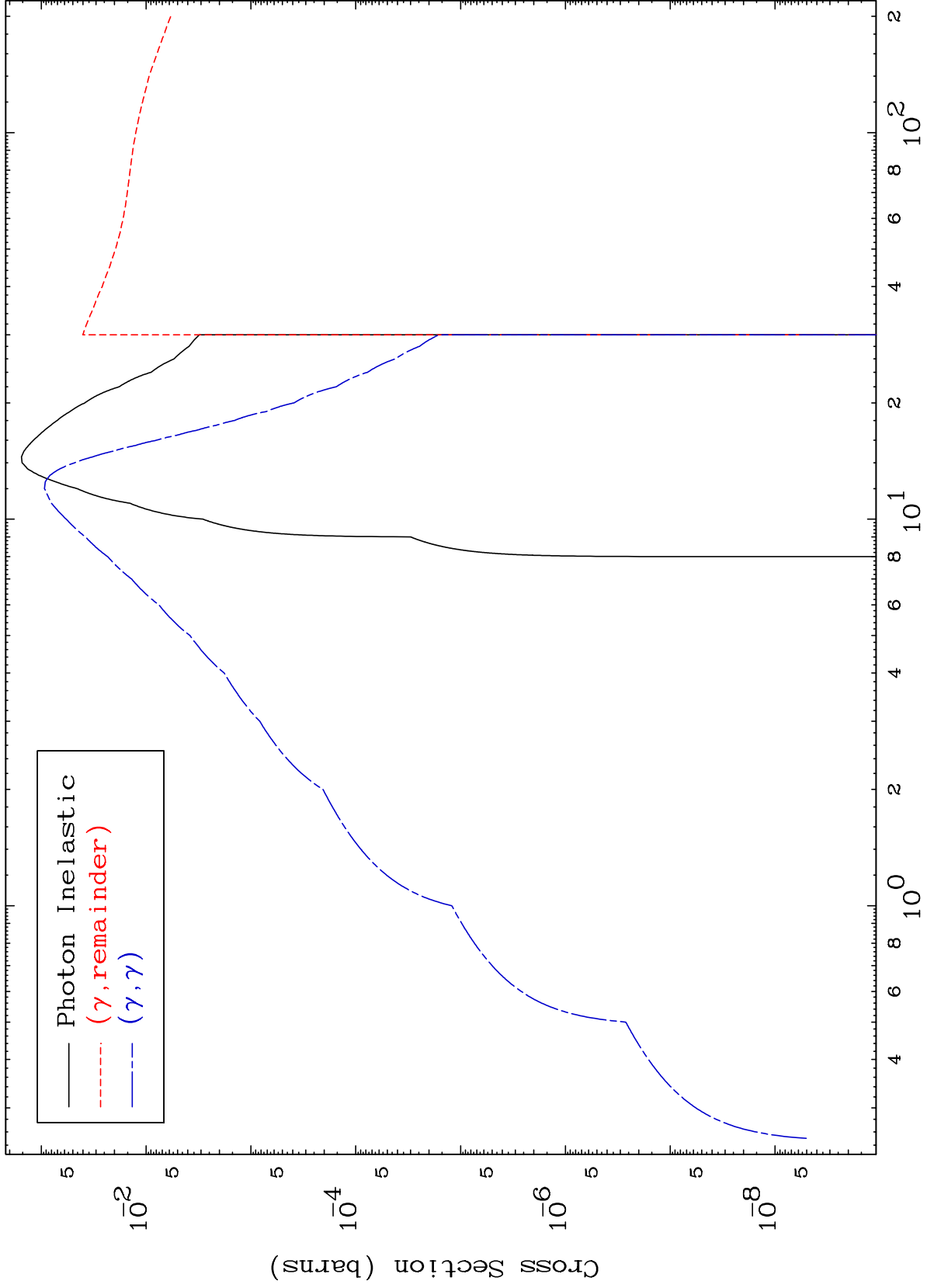
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Web:redcullen1.net/HOMEPAGE.NEW

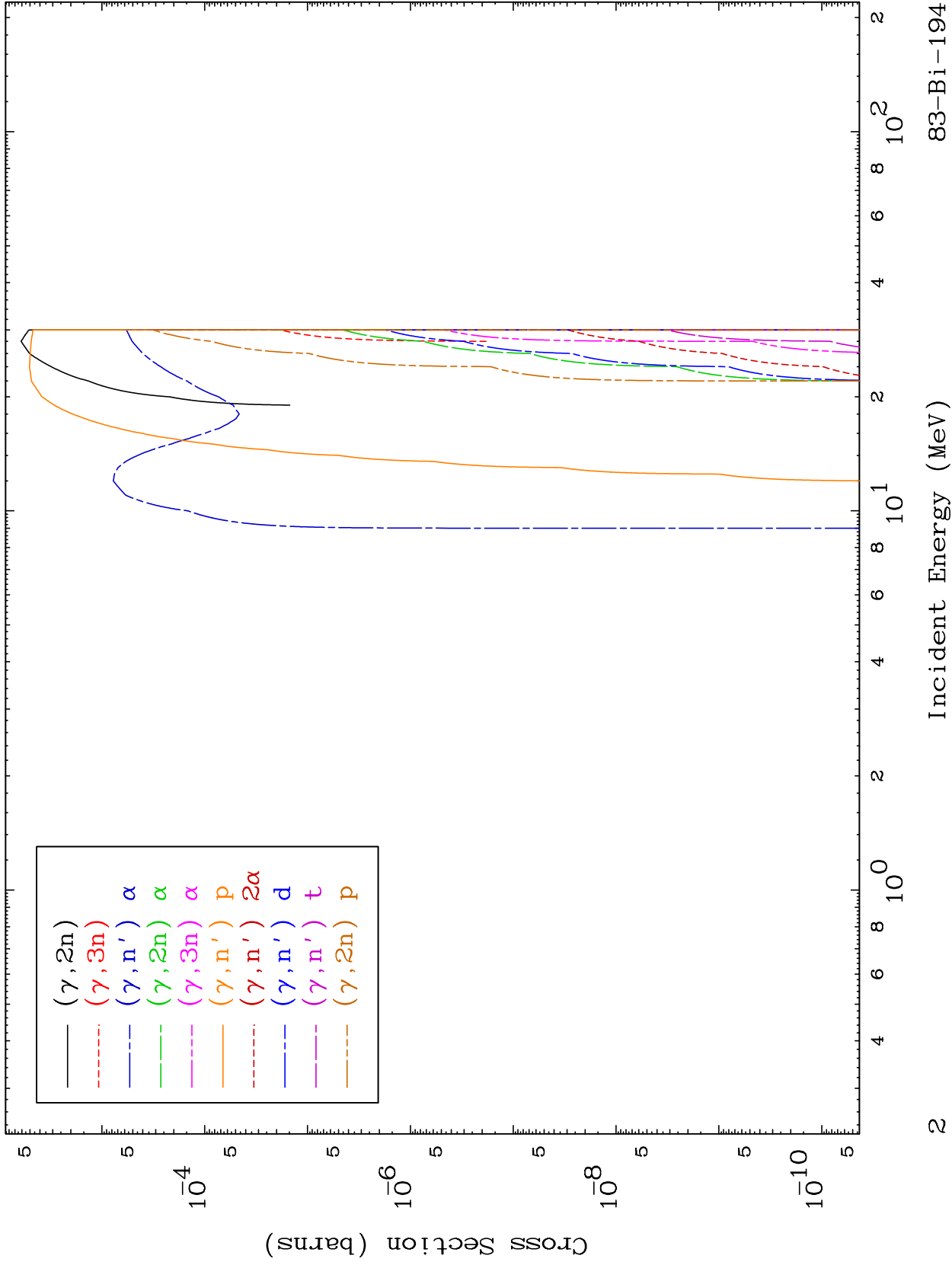
Press Mouse Button to Start



MAT 8281

Photon Neutron Production
0 Kelvin Cross Sections

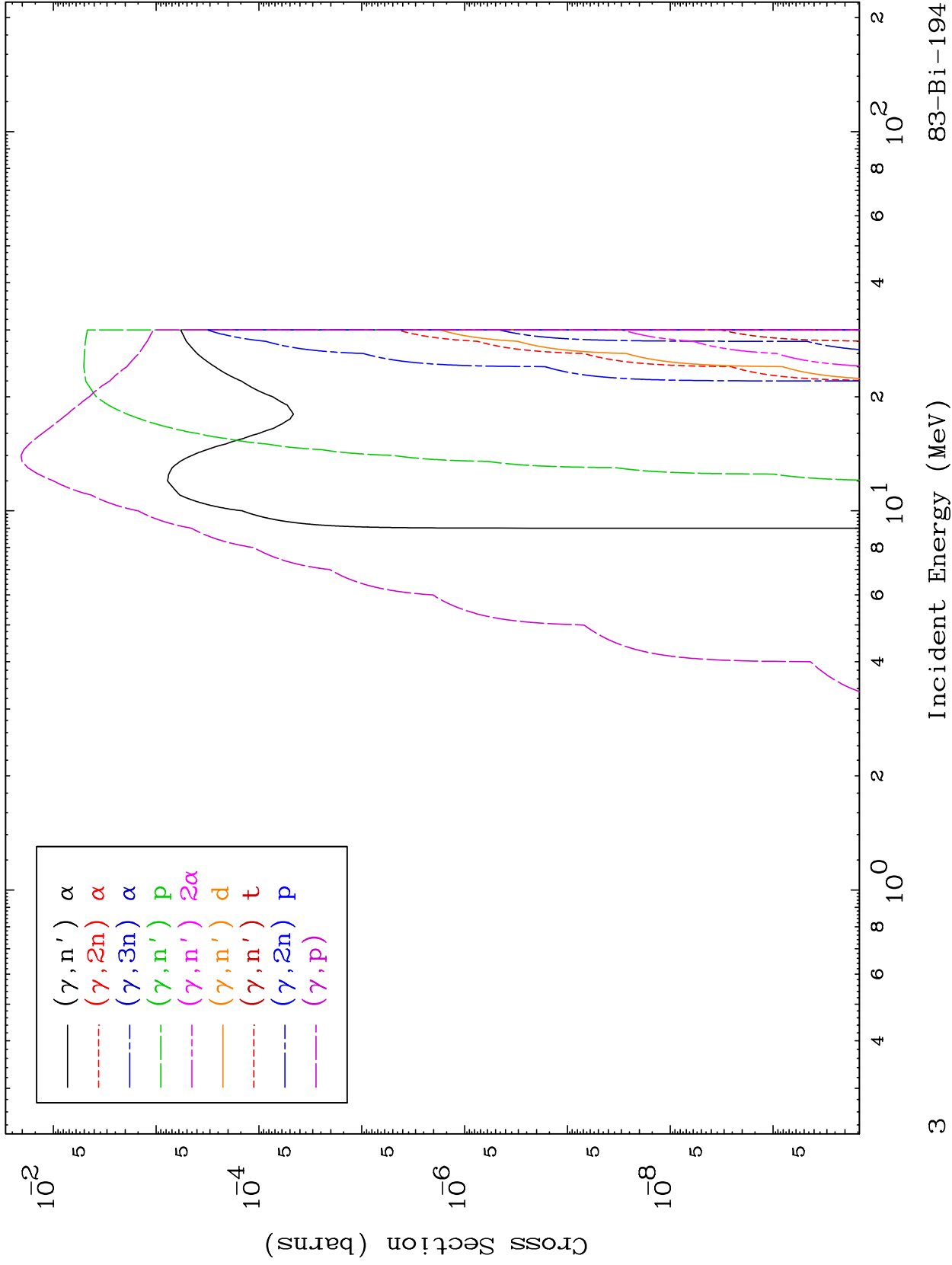
83-Bi-194



MAT 8281

Photon Charged Particle
0 Kelvin Cross Sections

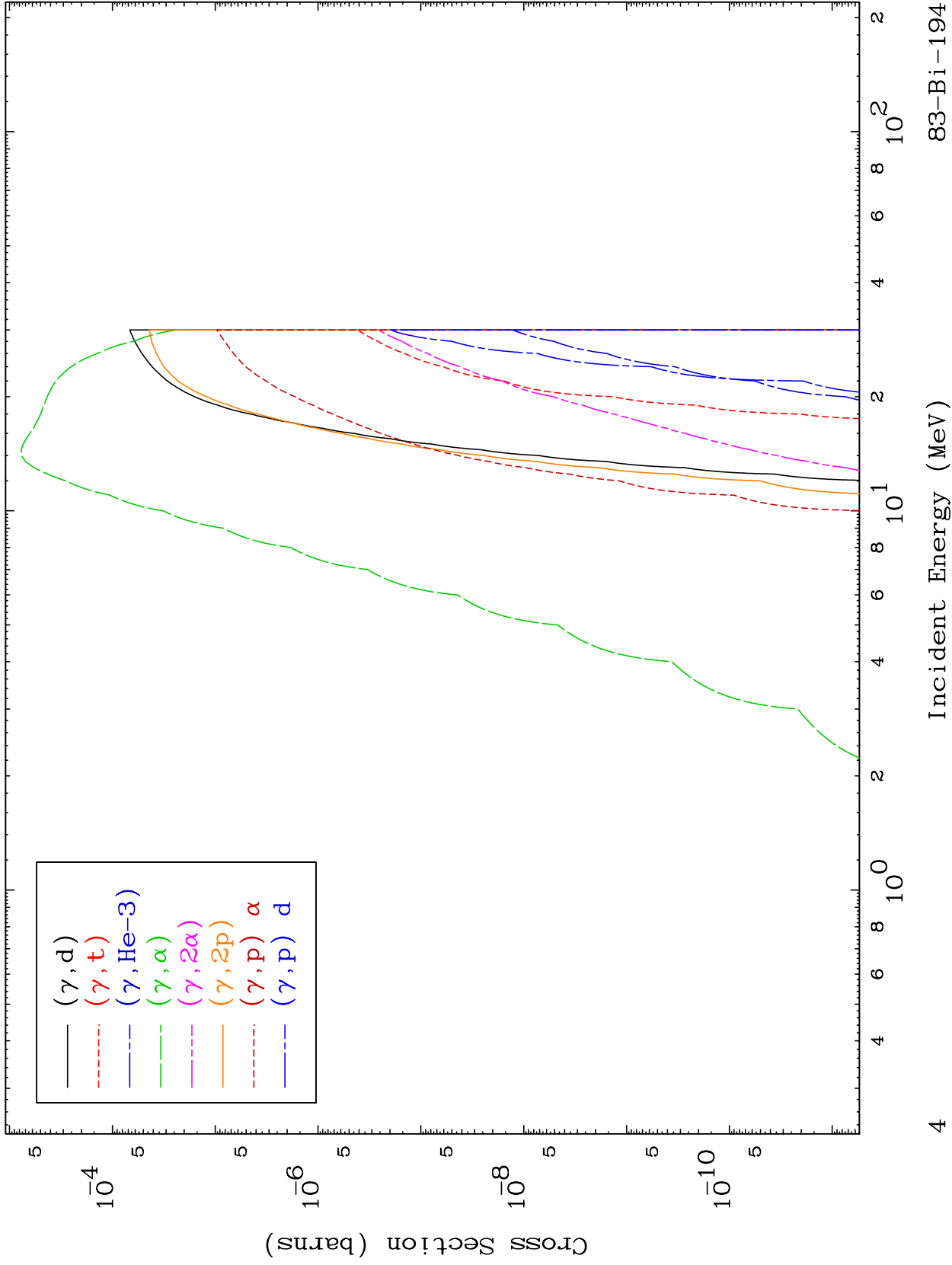
83-Bi-194



MAT 8281

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-194

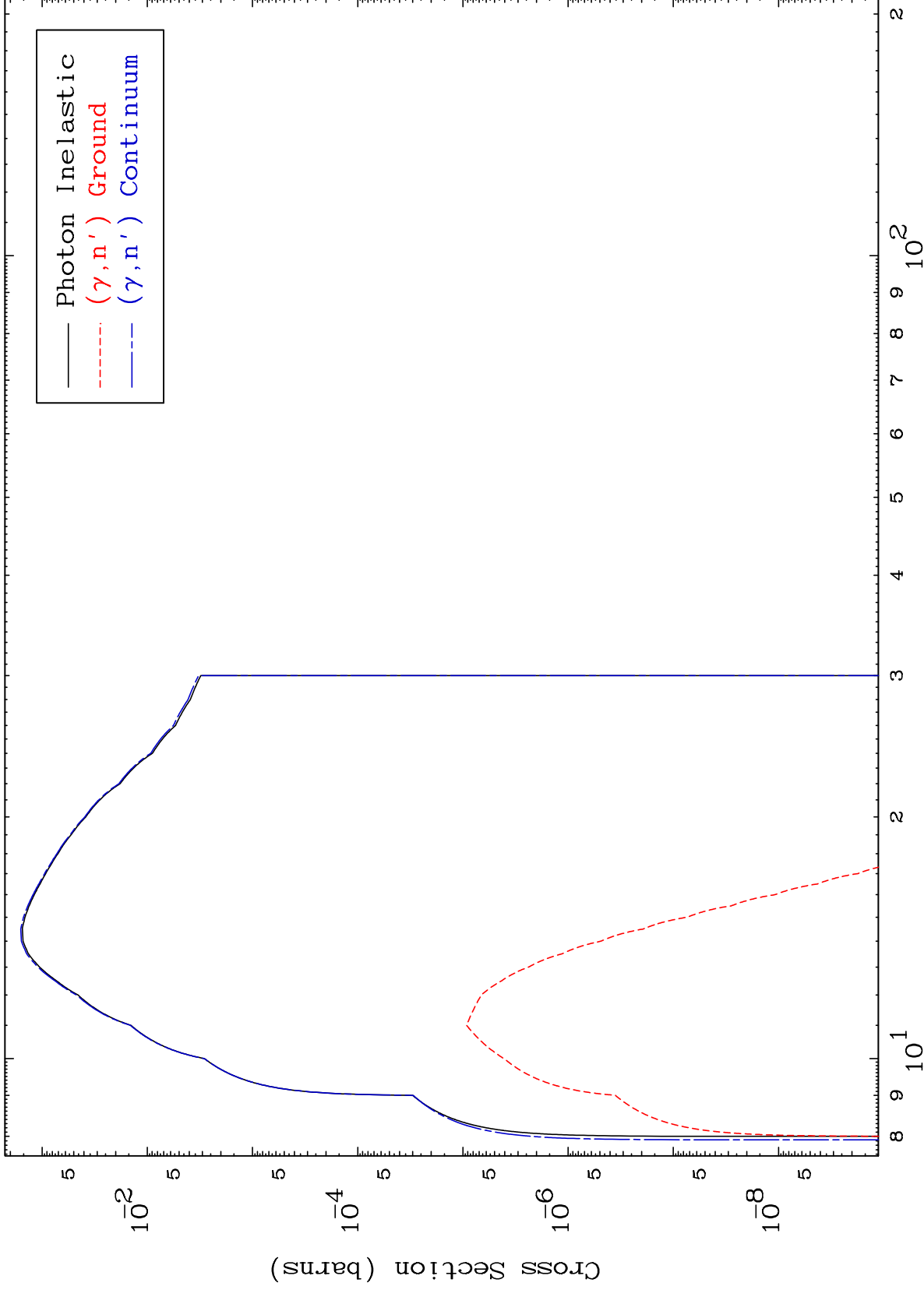


MAT 8281

(γ, n') Level

83-Bi-194

0 Kelvin Cross Sections



Incident Energy (MeV)

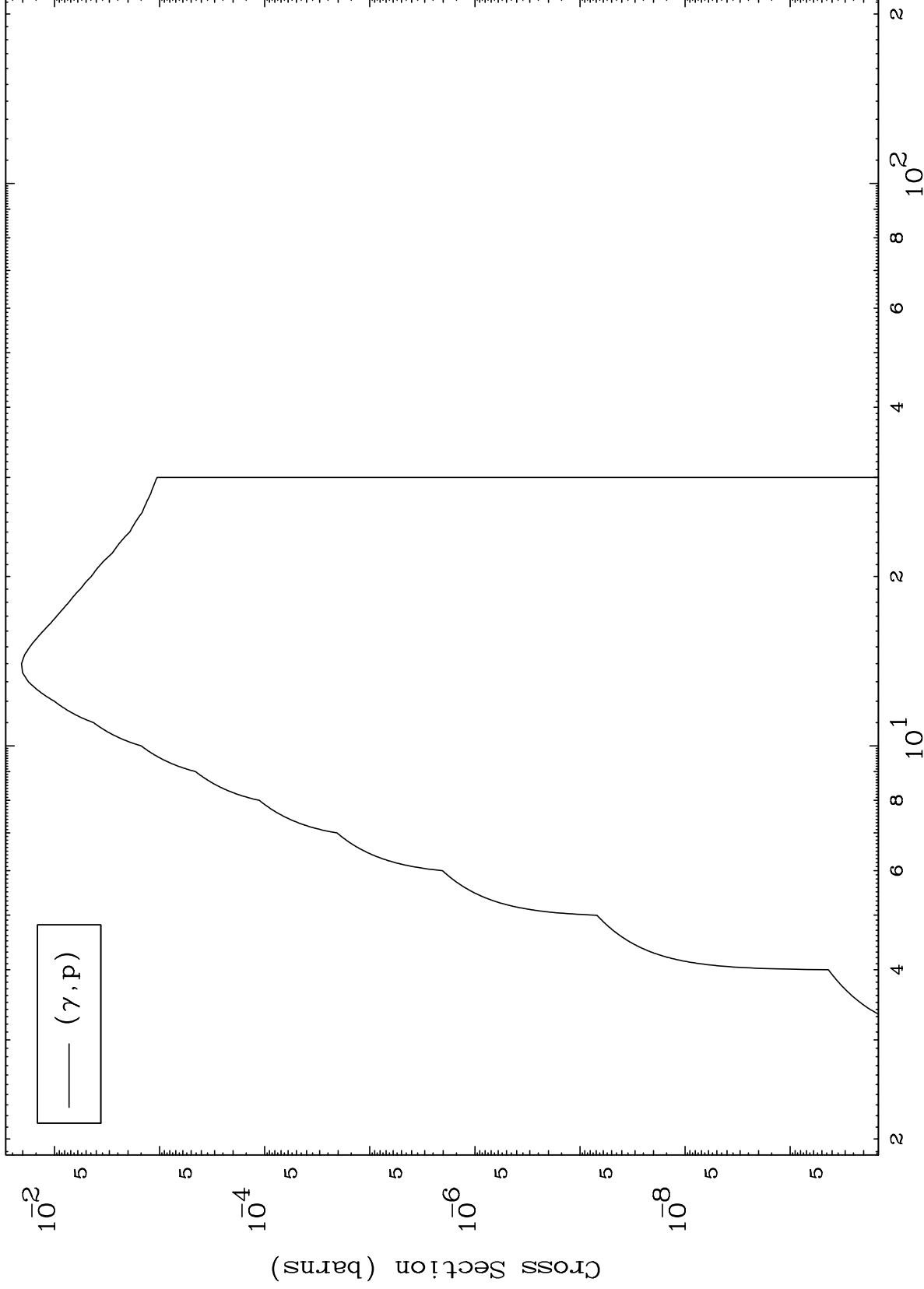
83-Bi-194

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MAT 8281

(γ, p) Levels
0 Kelvin Cross Sections

83-Bi-194



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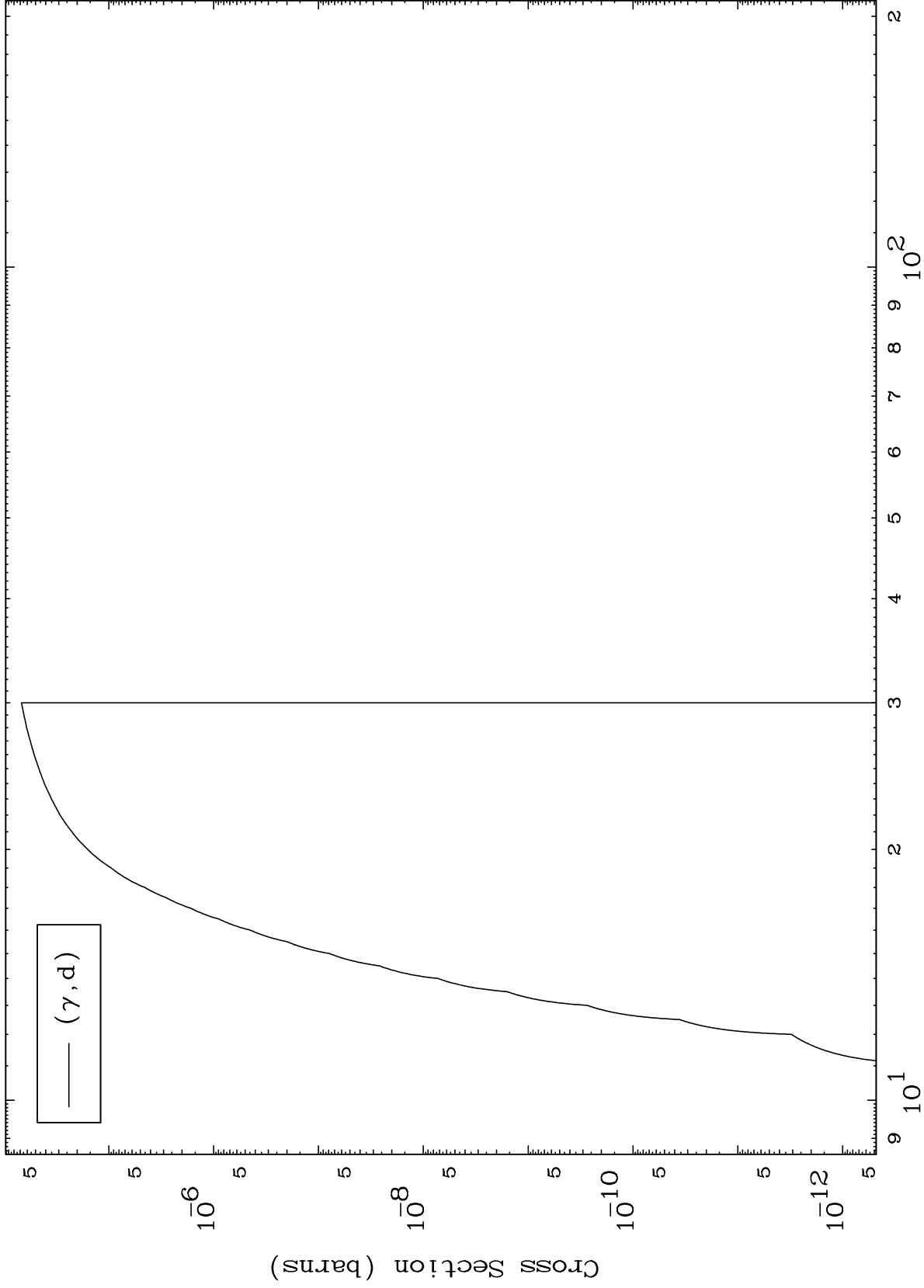
Incident Energy (MeV)

83-Bi-194

MAT 8281

(γ, d) Levels
0 Kelvin Cross Sections

83-Bi-194



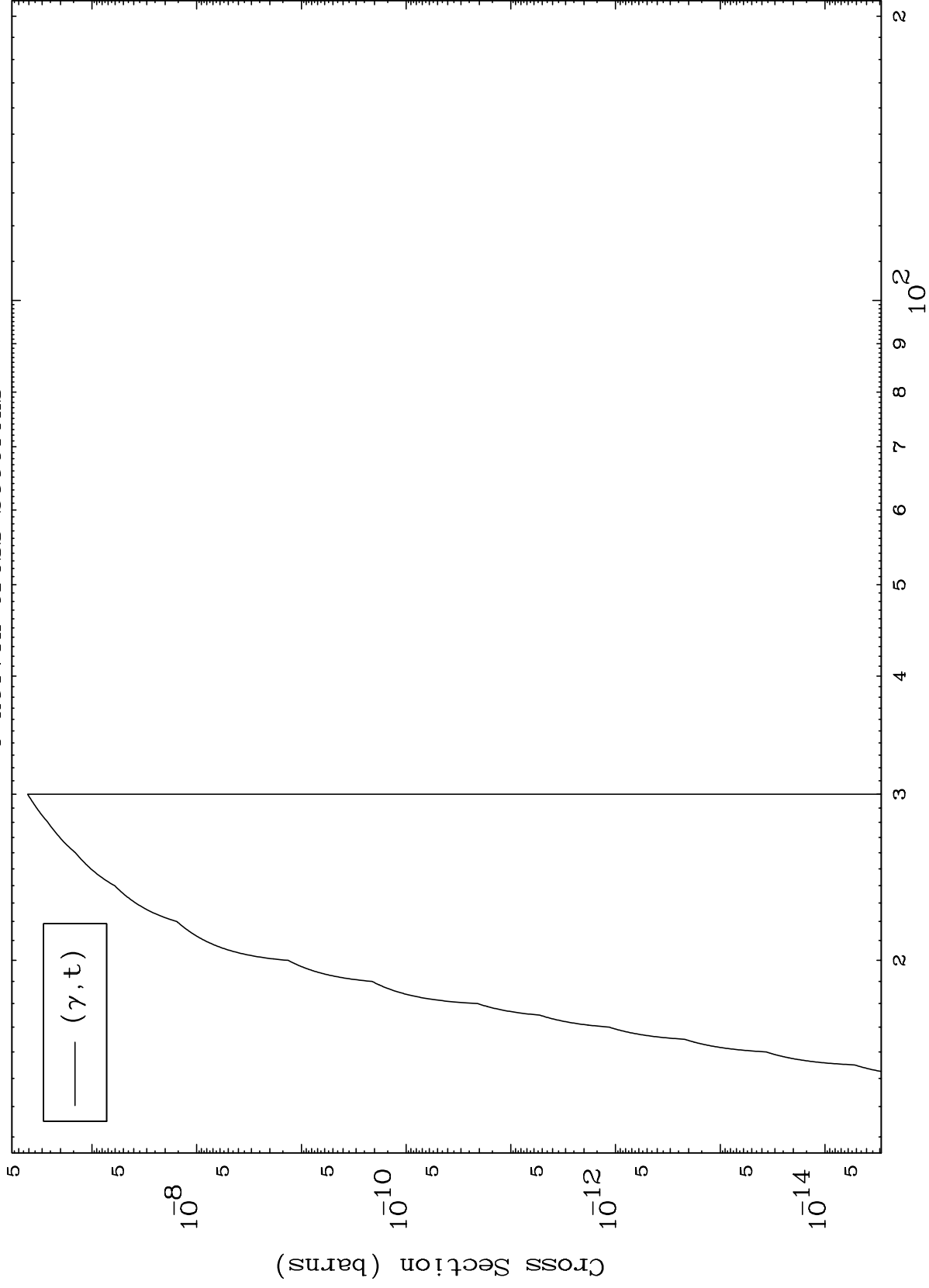
Incident Energy (MeV)

83-Bi-194

MAT 8281

(γ, t) Levels
0 Kelvin Cross Sections

83-Bi-194



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Incident Energy (MeV)

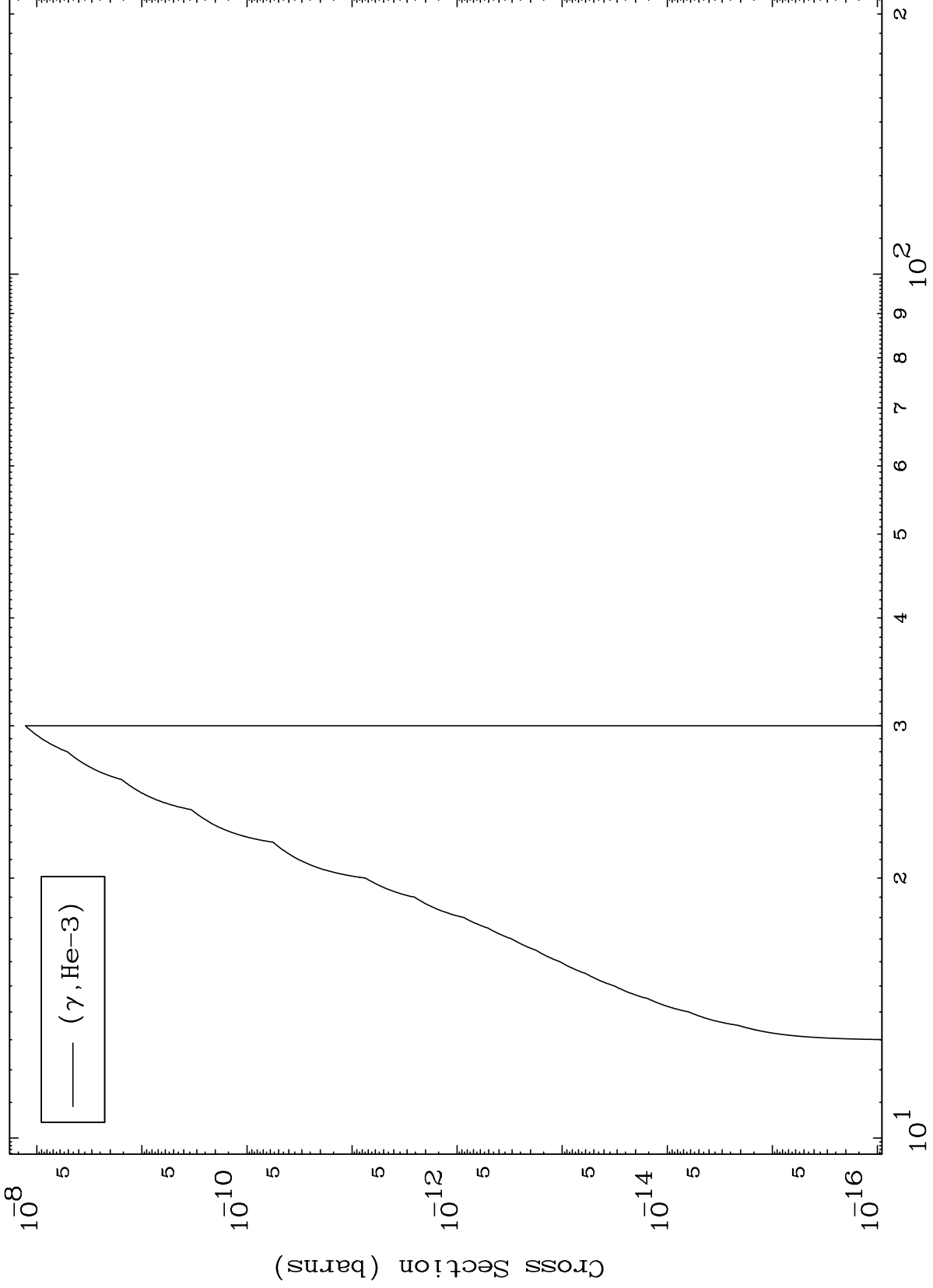
83-Bi-194

MAT 8281

(γ ,He3) Levels

83-Bi-194

0 Kelvin Cross Sections



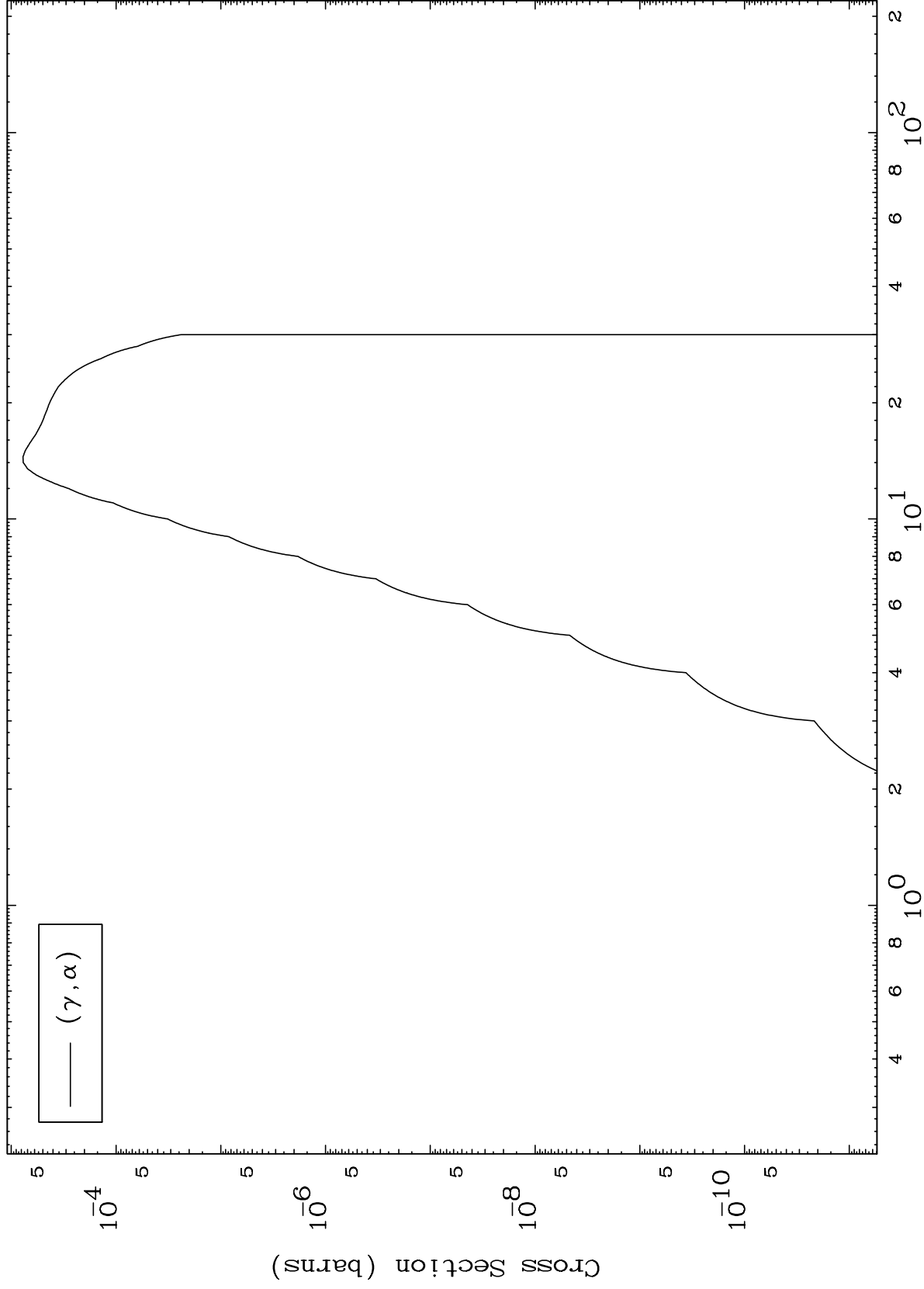
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

(γ, α) Levels
0 Kelvin Cross Sections



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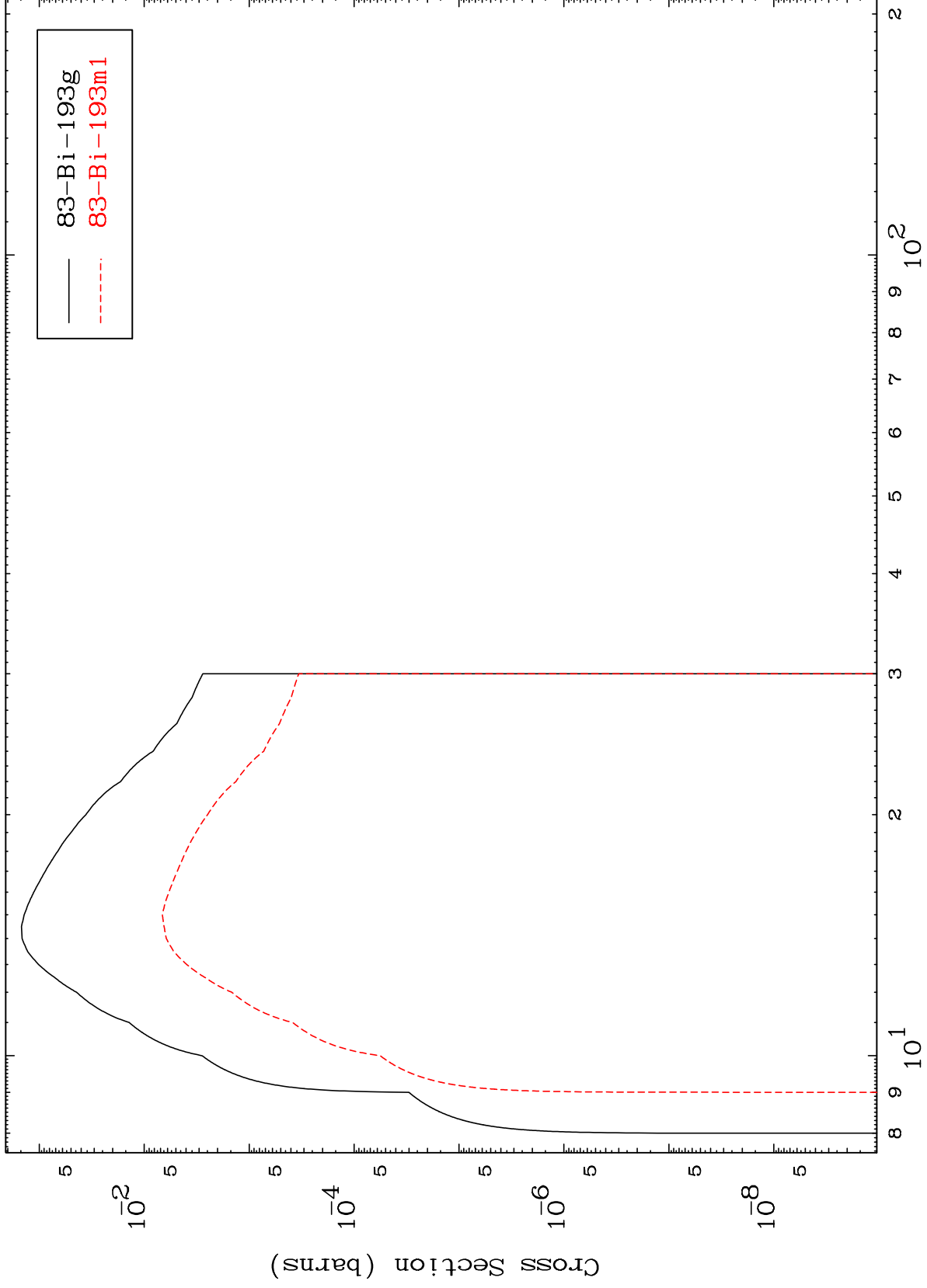
Incident Energy (MeV)

83-Bi-194

MAT 8281

Photon Inelastic
Radionuclide Production Cross Section

83-Bi-194



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Incident Energy (MeV)

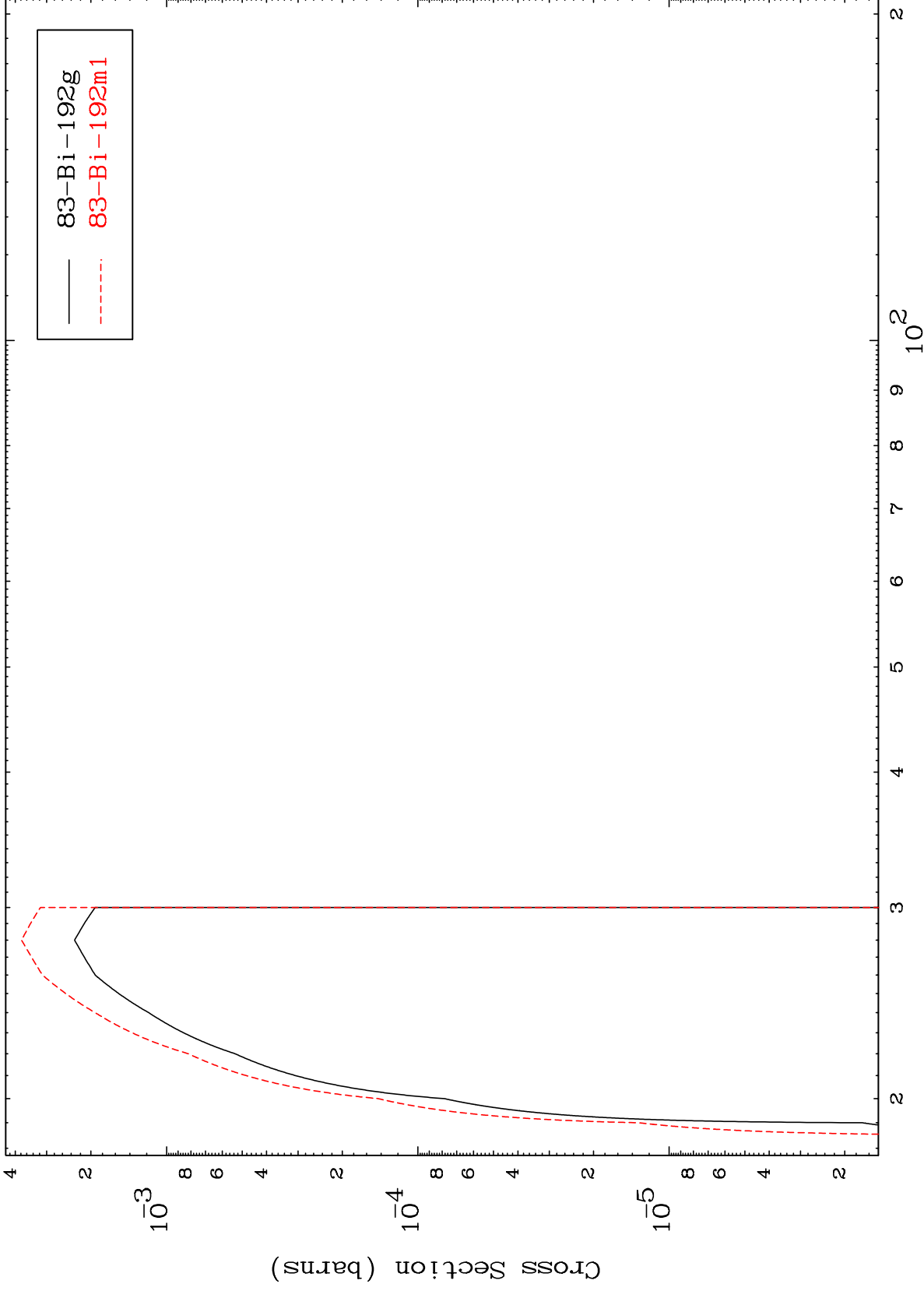
83-Bi-194

MAT 8281

83-Bi-194

($\gamma, 2n$)

Radionuclide Production Cross Section



12

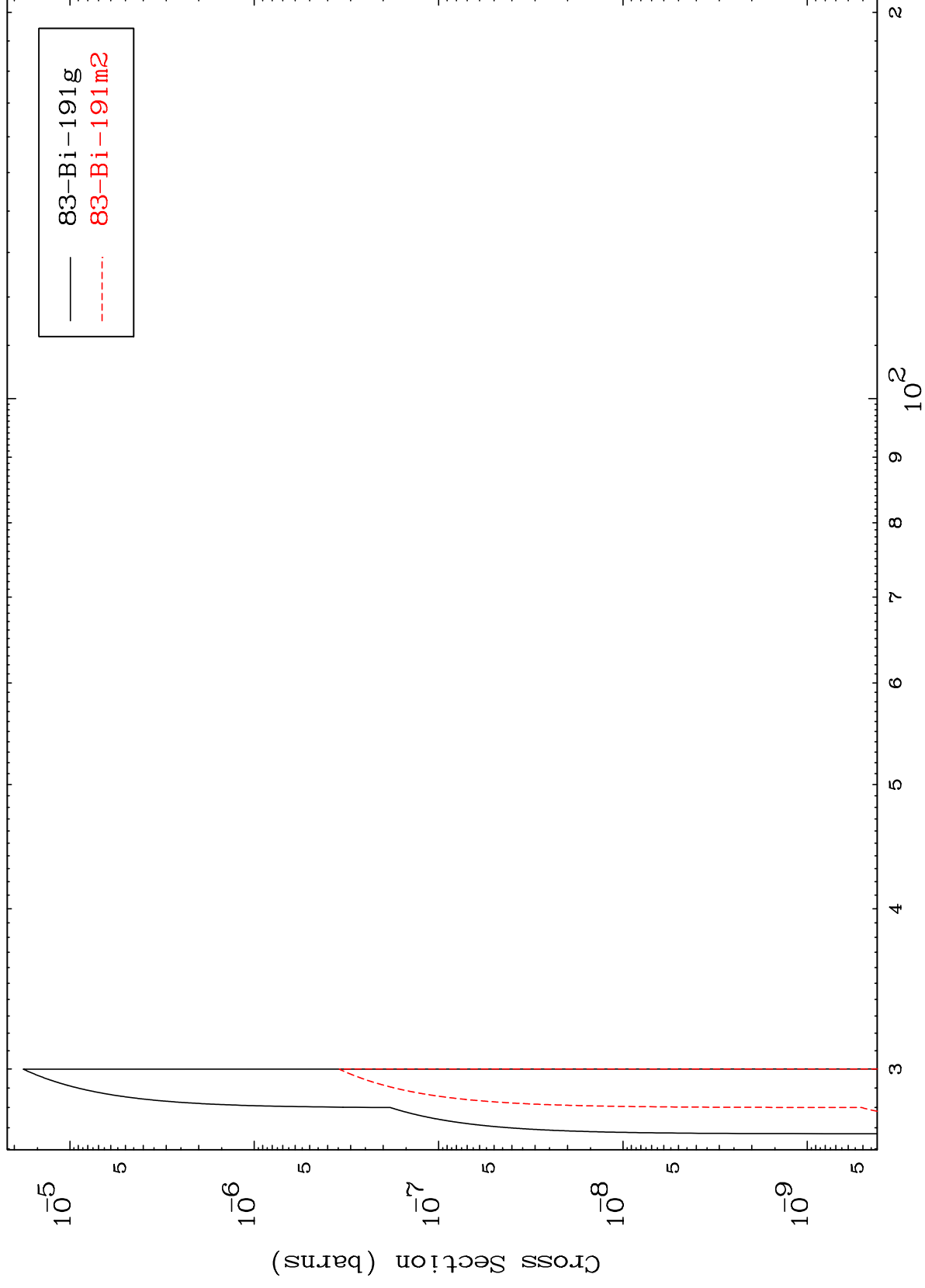
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

($\gamma, 3n$)
Radionuclide Production Cross Section



83-Bi-194

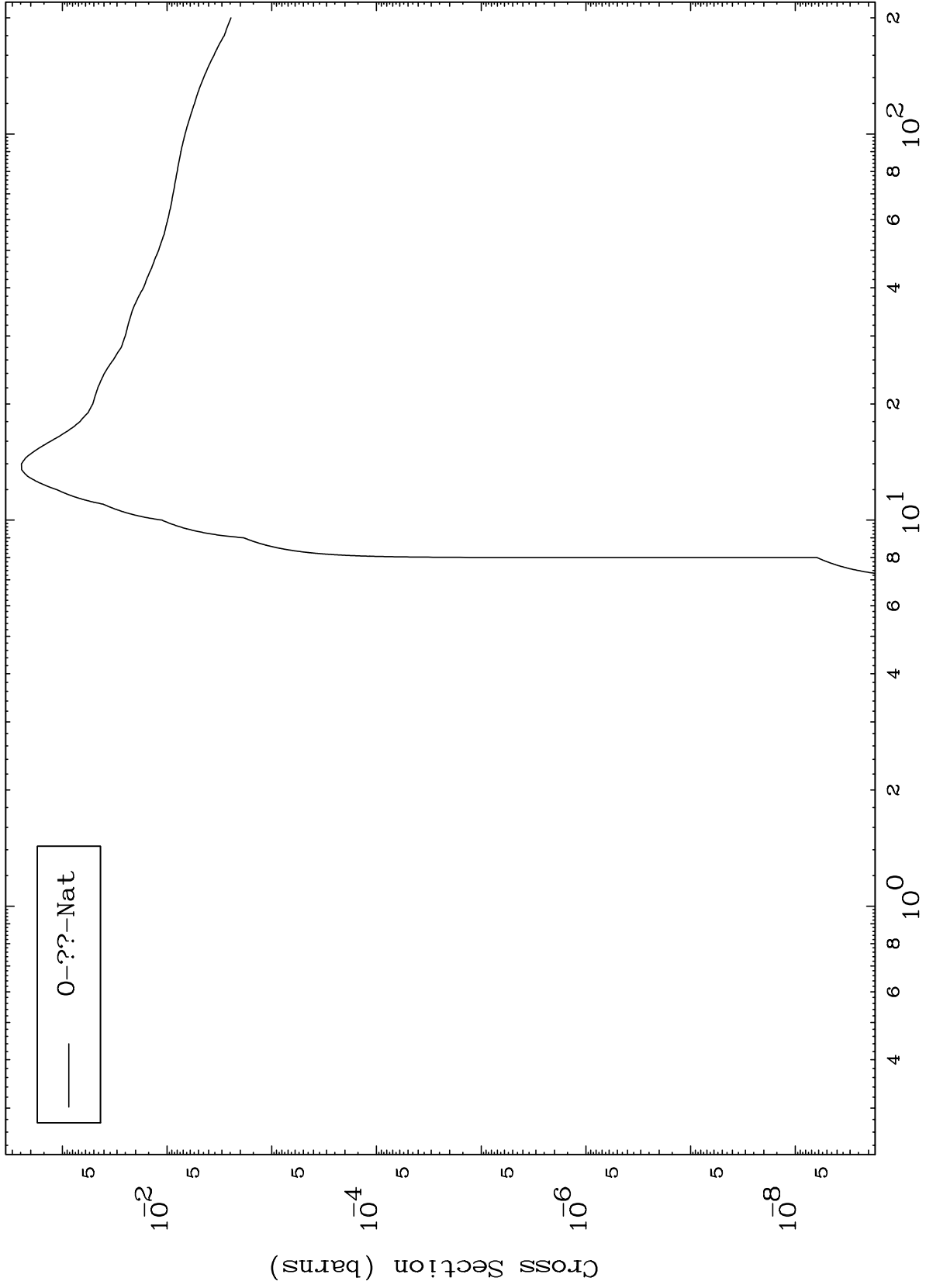
Incident Energy (MeV)

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83-Bi-194

Photon Fission
Radionuclide Production Cross Section



14

83-Bi-194

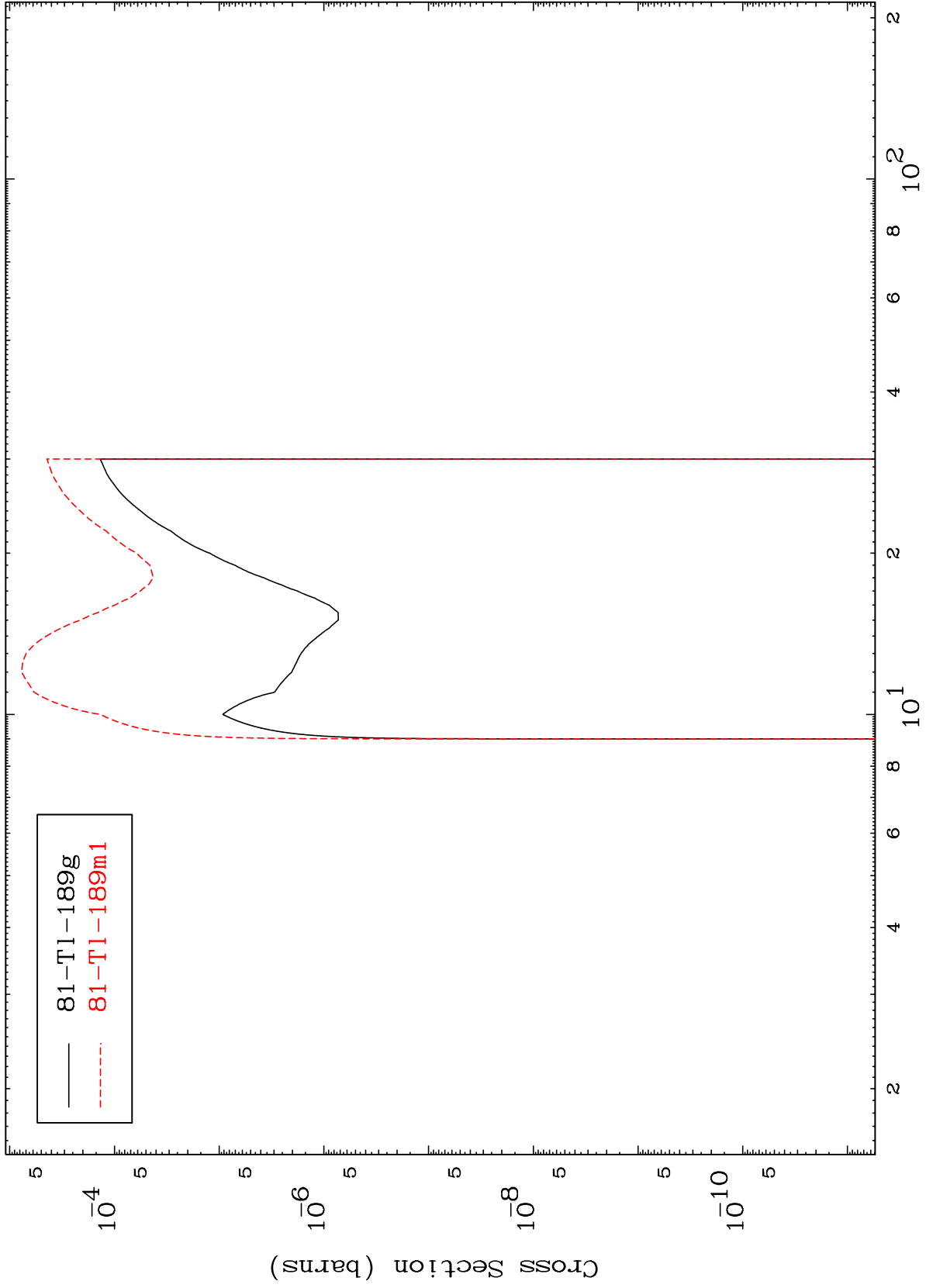
Incident Energy (MeV)

MAT 8281

83-Bi-194

(γ, n') α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

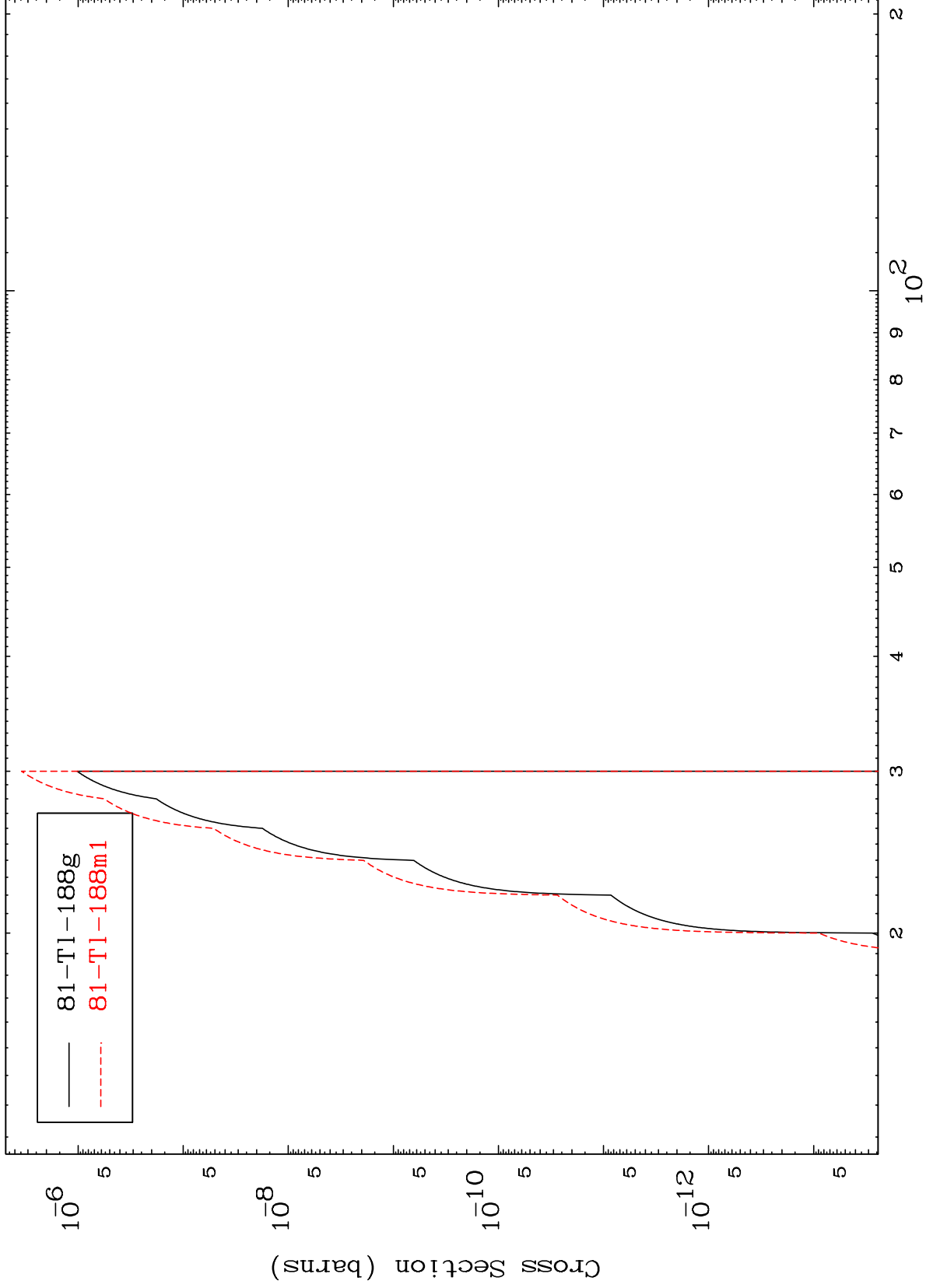
83-Bi-194

MAT 8281

($\gamma, 2n$) α

83-Bi-194

Radionuclide Production Cross Section



16

Incident Energy (MeV)

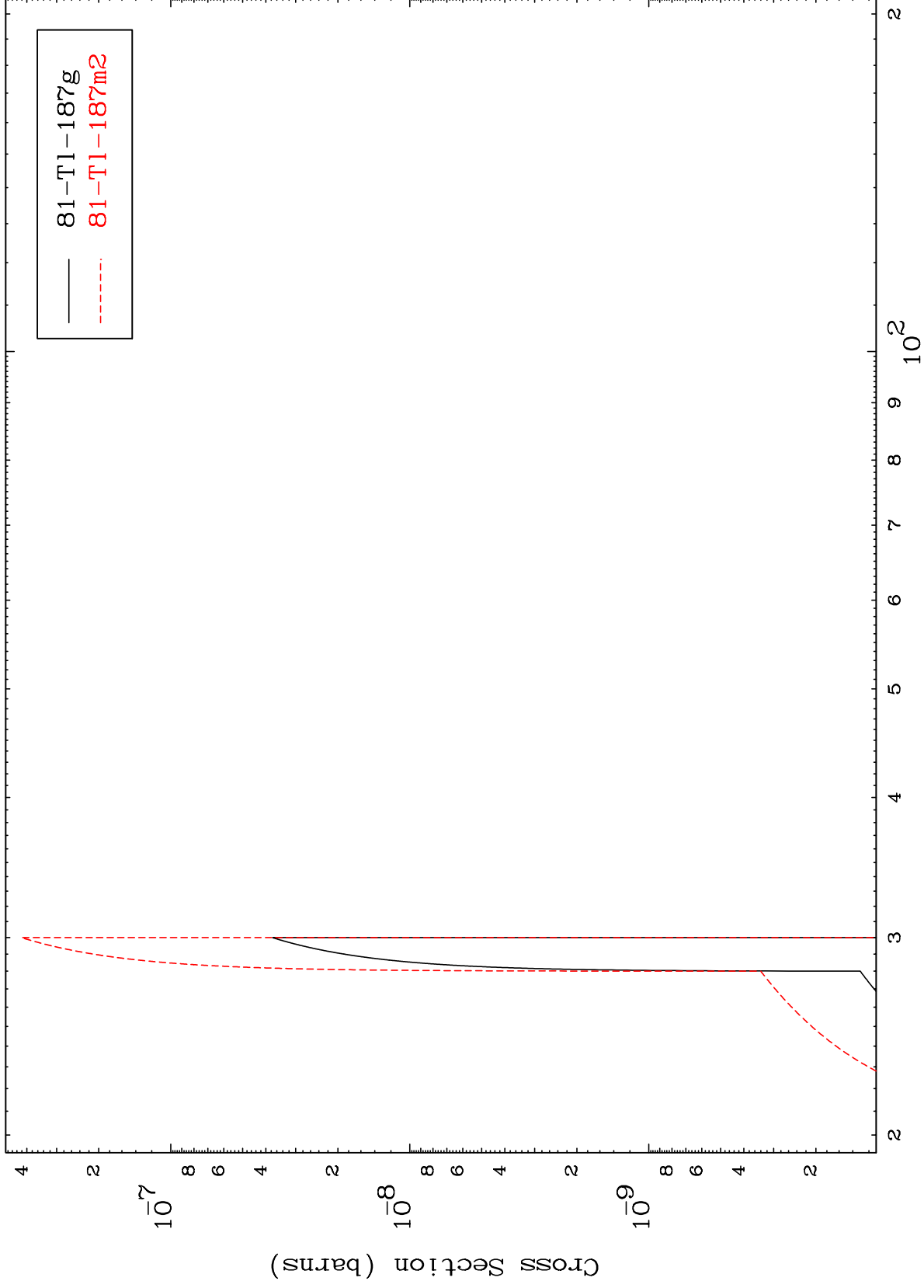
83-Bi-194

MAT 8281

$(\gamma, 3n) \alpha$

83-Bi-194

Radionuclide Production Cross Section



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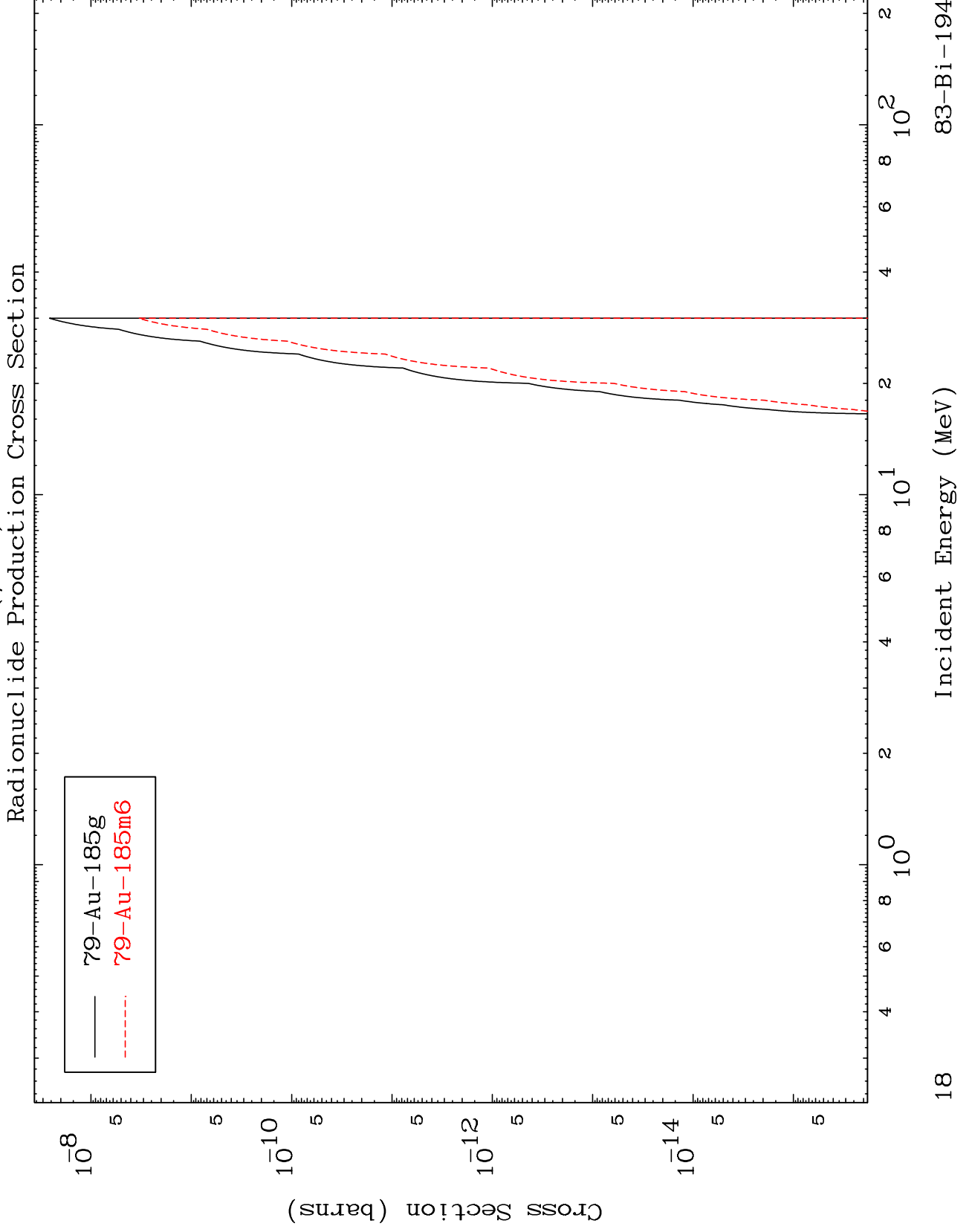
Incident Energy (MeV)

83-Bi-194

MAT 8281

(γ, n') 2α

83-Bi-194

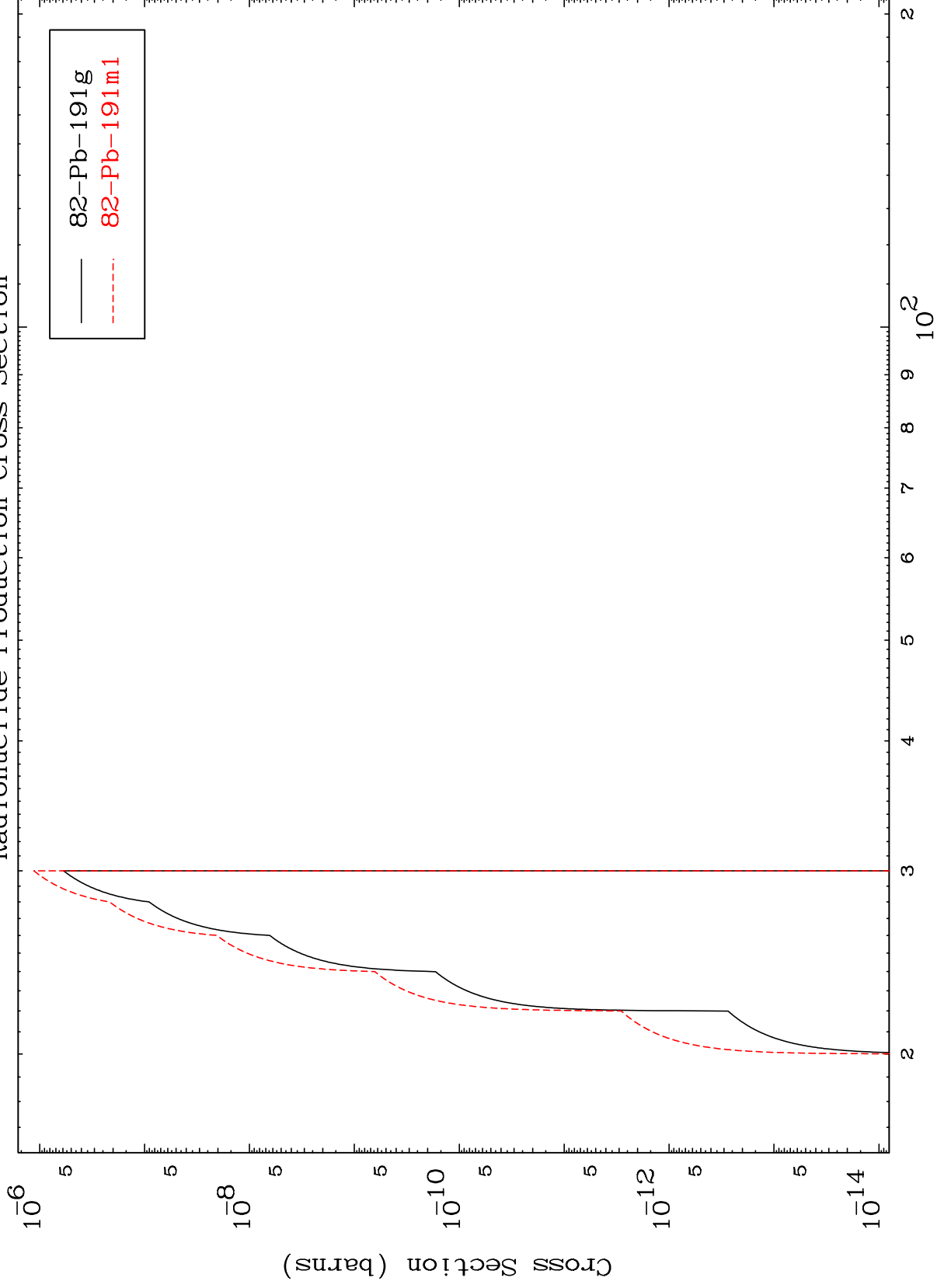


MAT 8281

(γ, n') d

83-Bi-194

Radionuclide Production Cross Section



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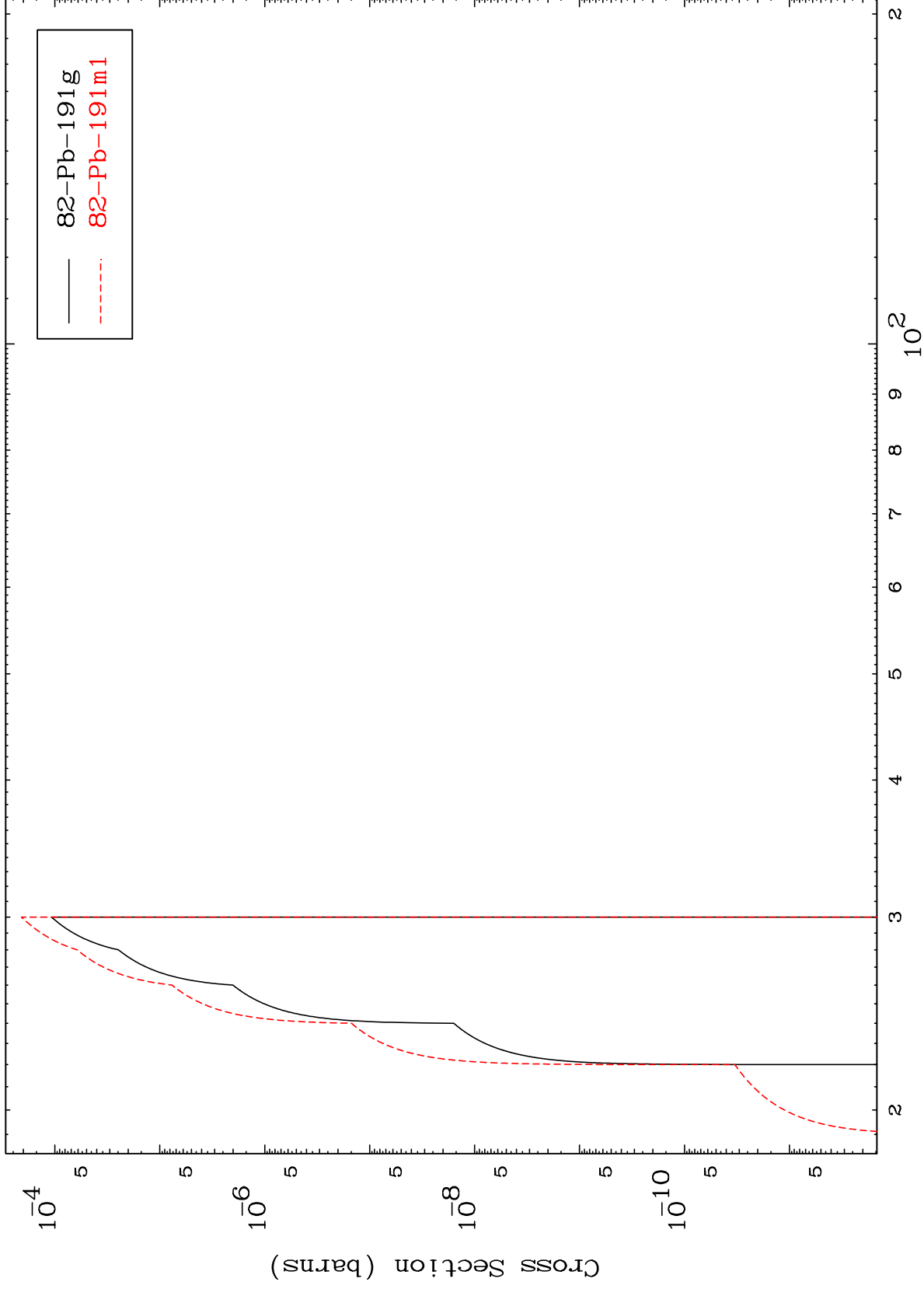
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

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



83-Bi-194

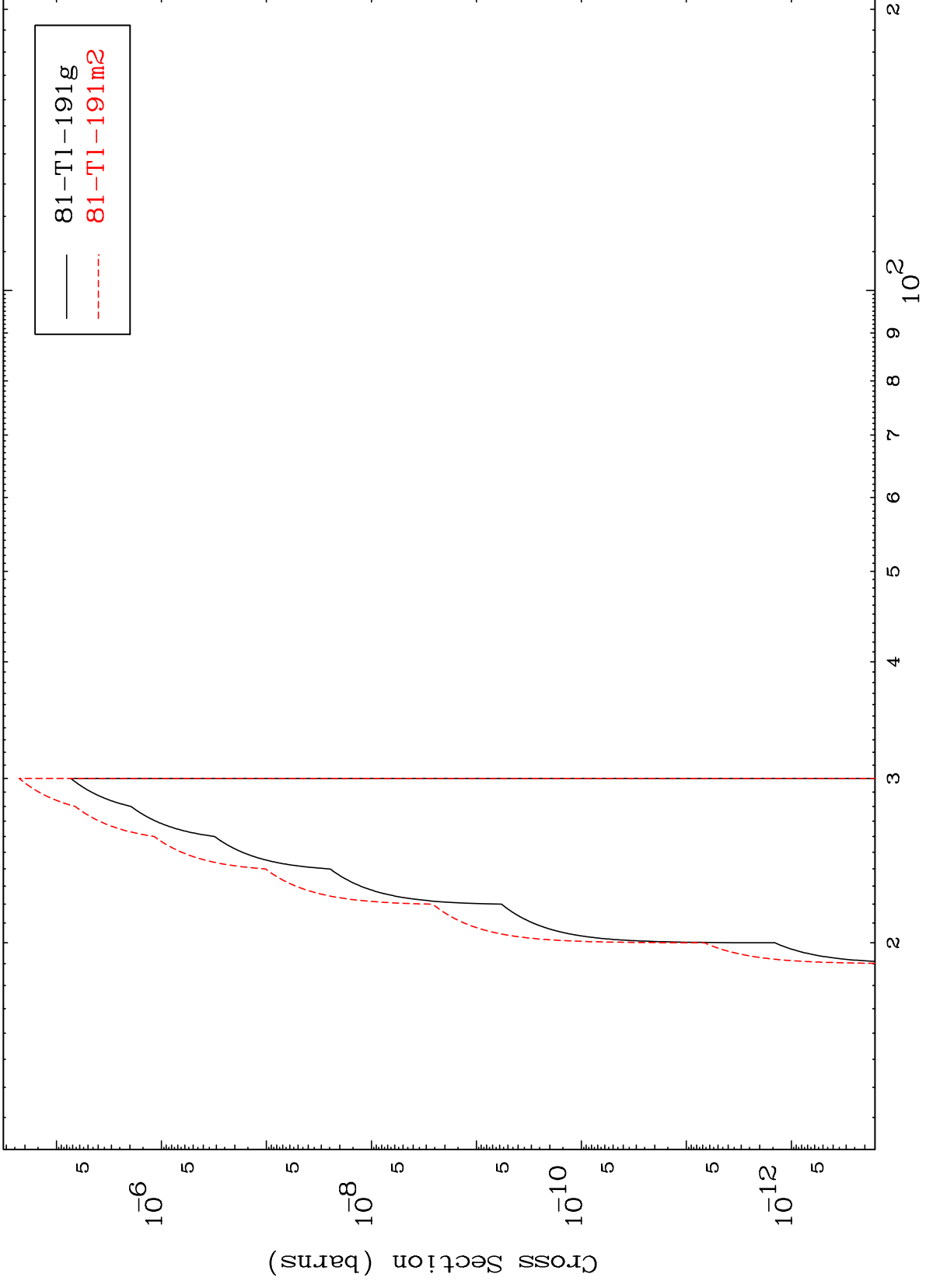
Incident Energy (MeV)

20

MAT 8281

83-Bi-194

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

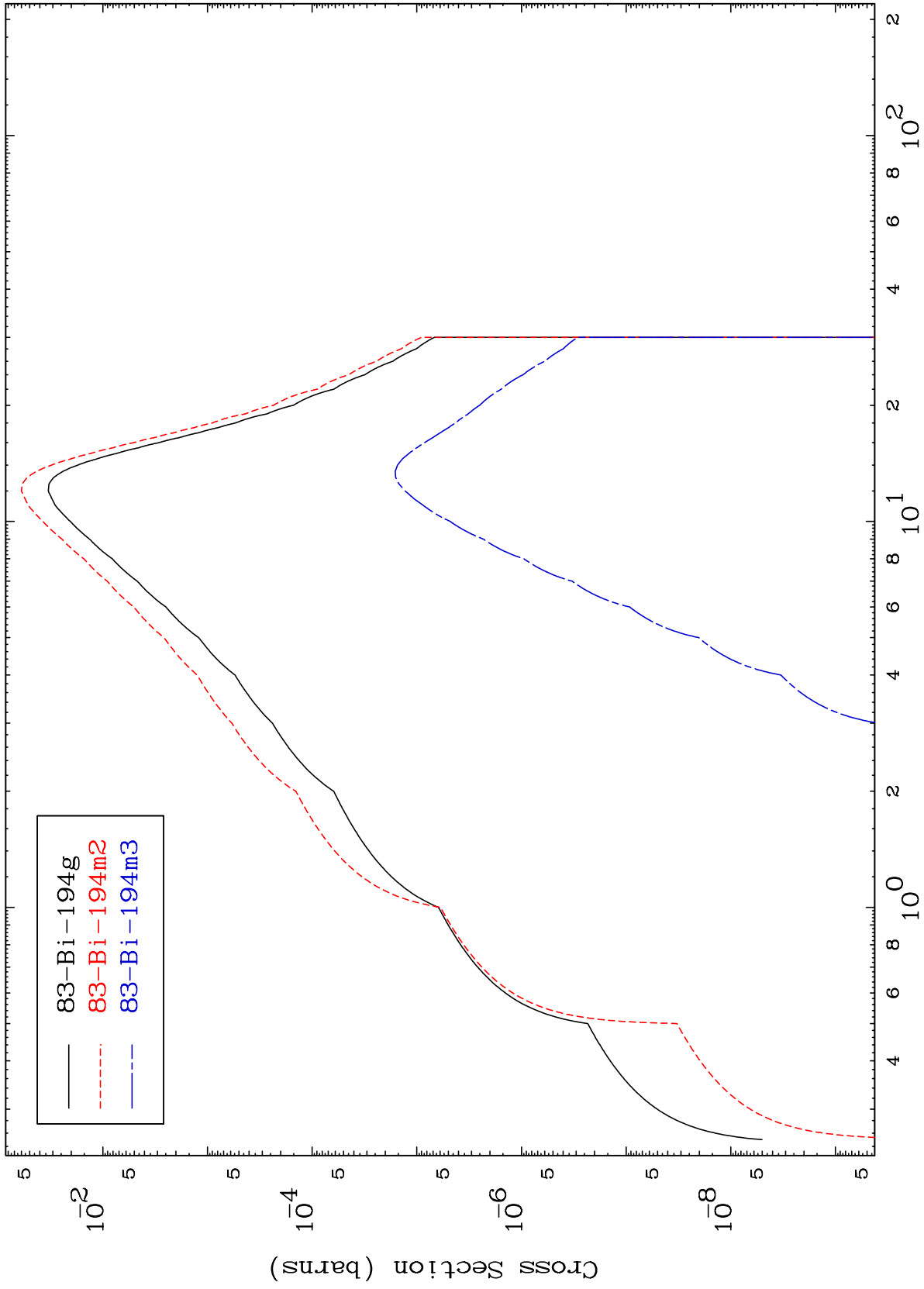


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83-Bi-194

Incident Energy (MeV)

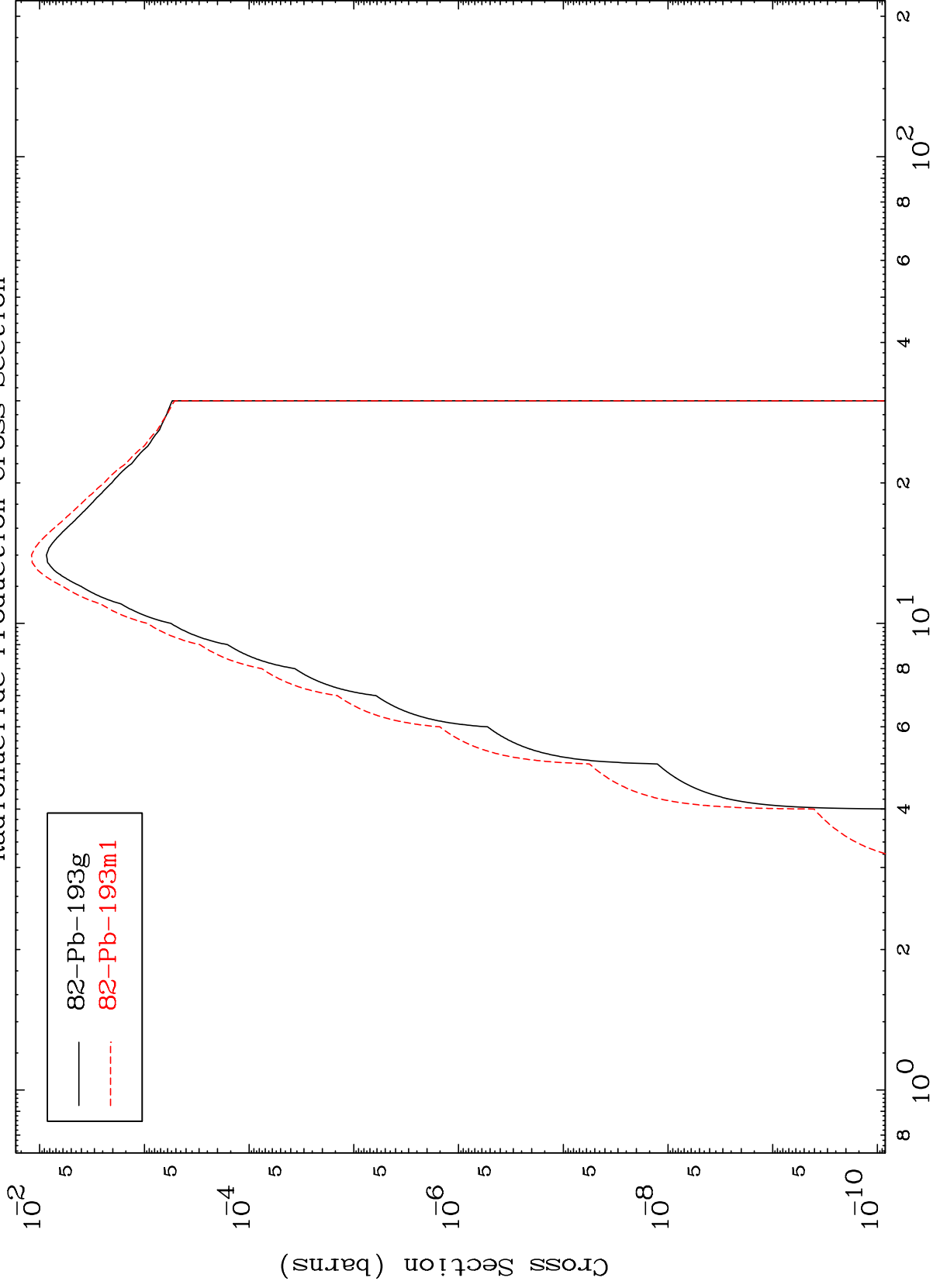
(γ, γ)
Radionuclide Production Cross Section



MAT 8281

83-Bi-194

(γ, p)
Radionuclide Production Cross Section



23

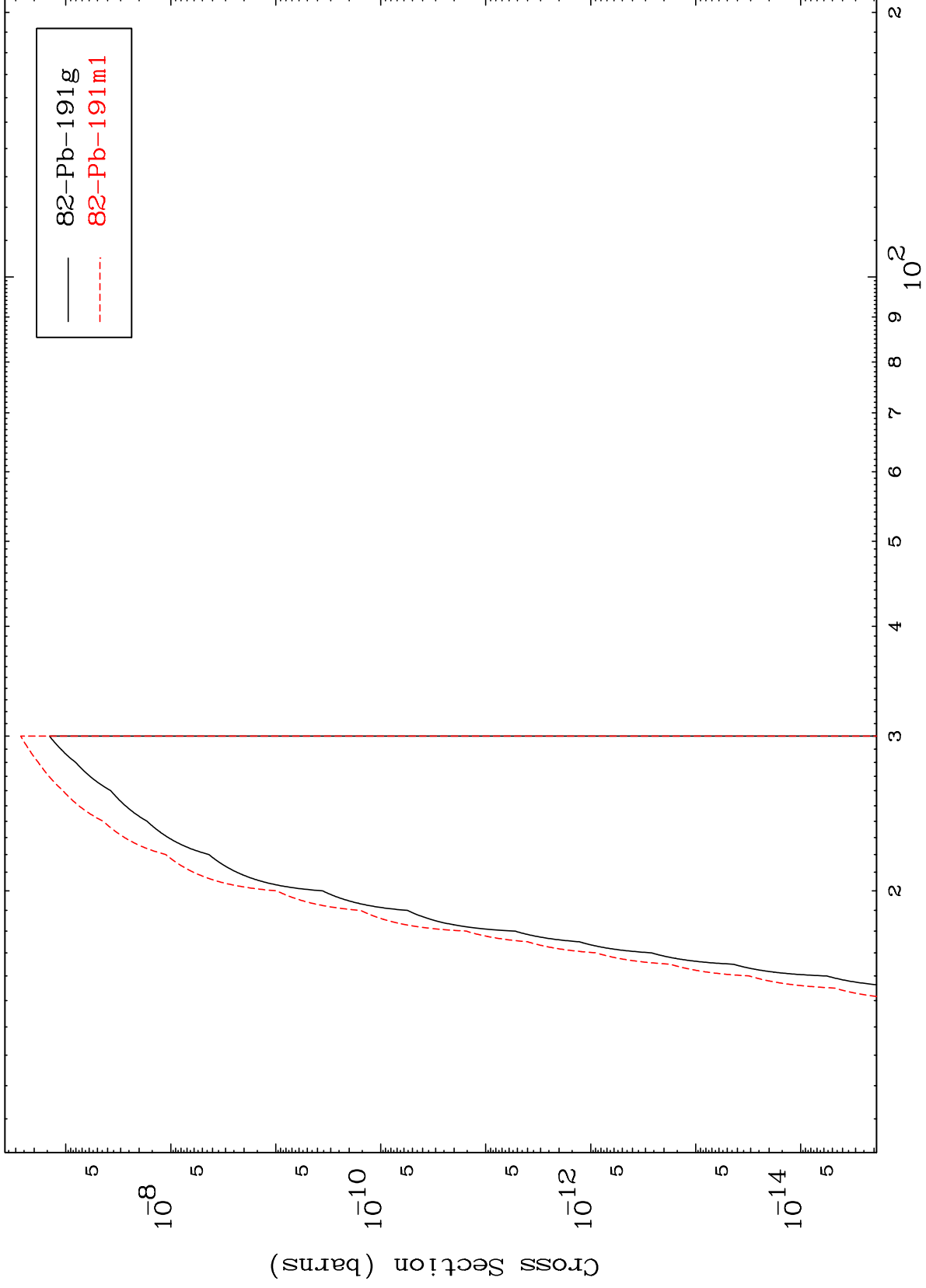
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

(γ, t)
Radionuclide Production Cross Section



24

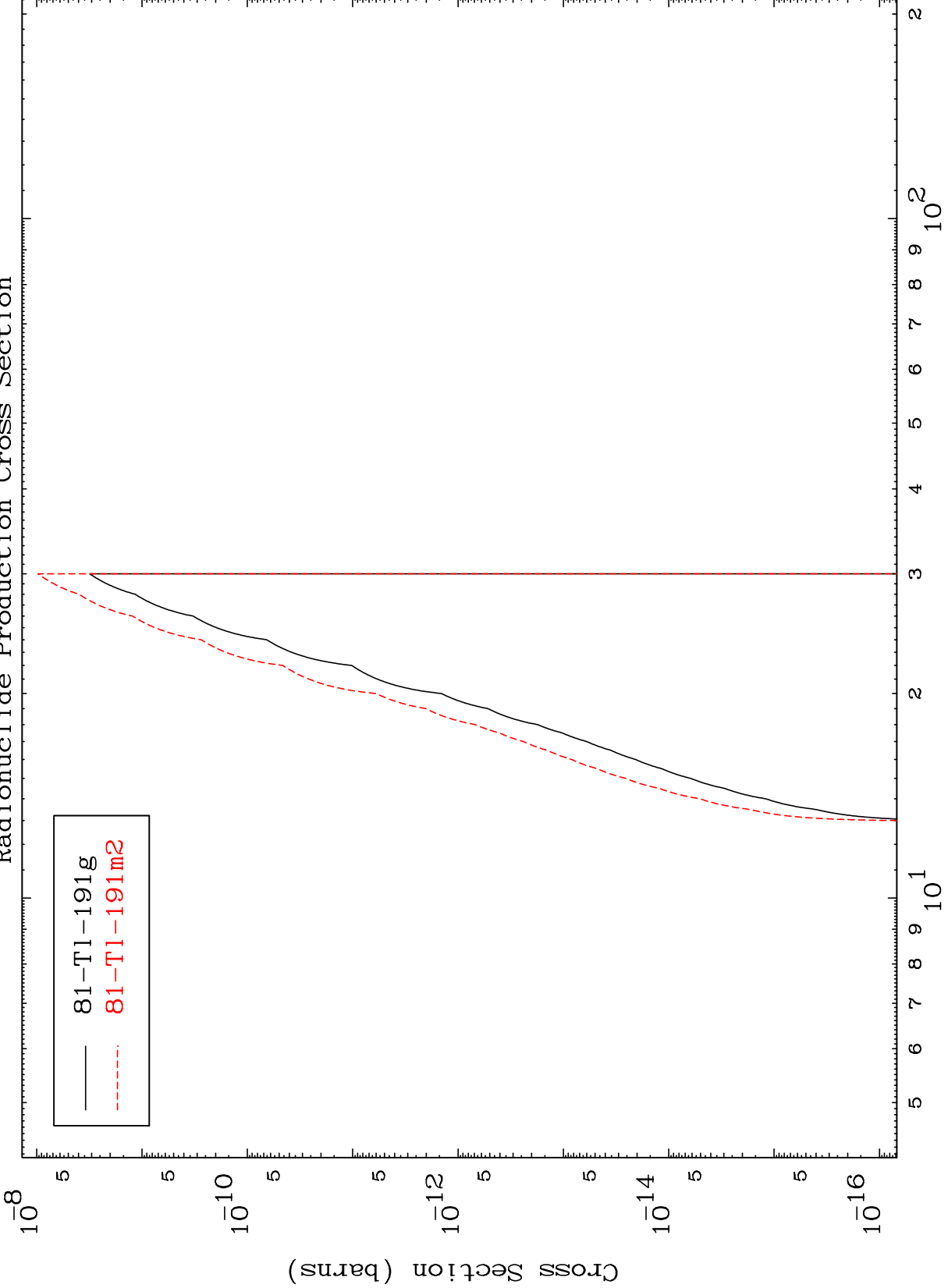
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

($\gamma, \text{He-3}$)
Radionuclide Production Cross Section



25

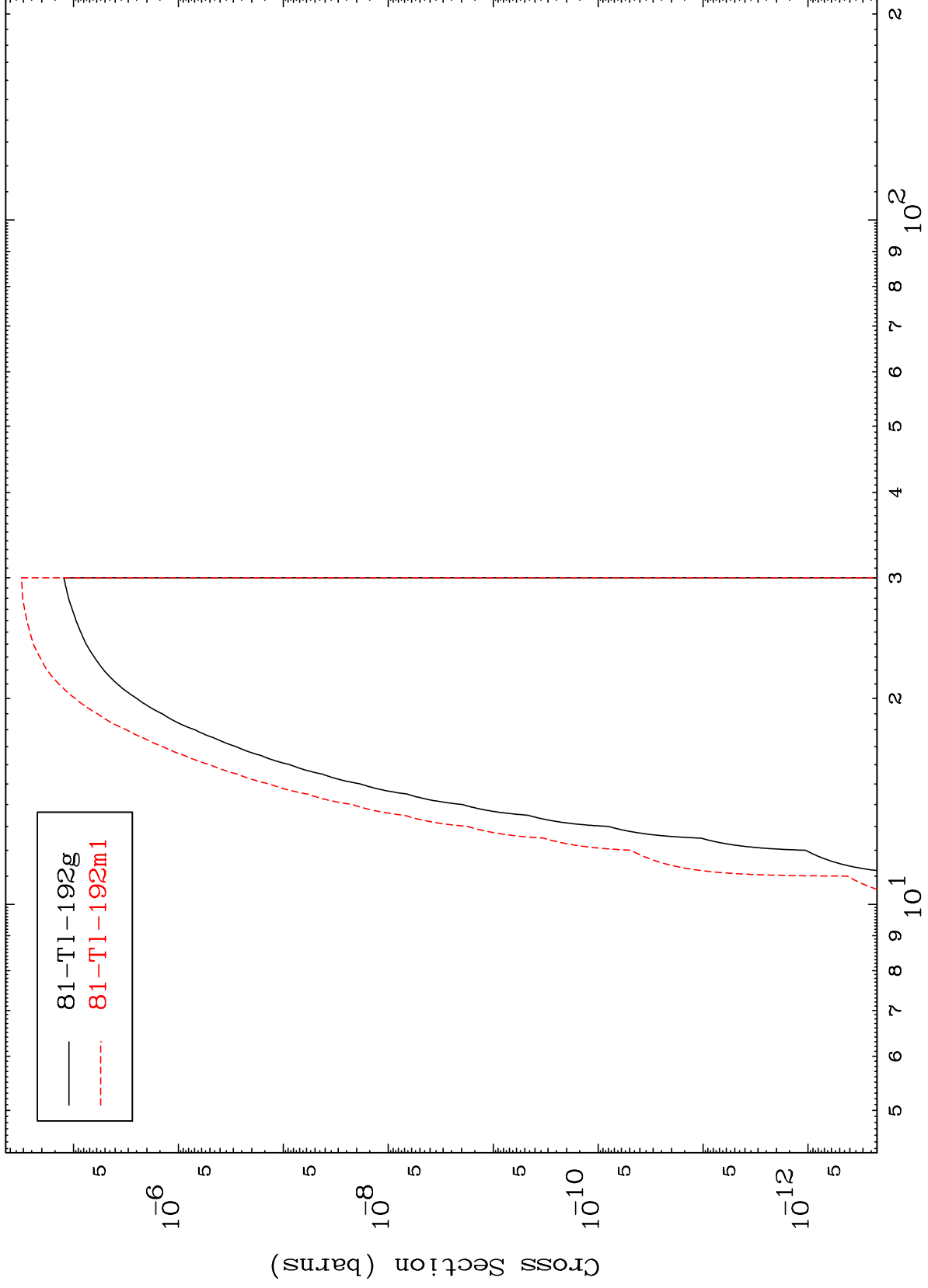
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

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



26

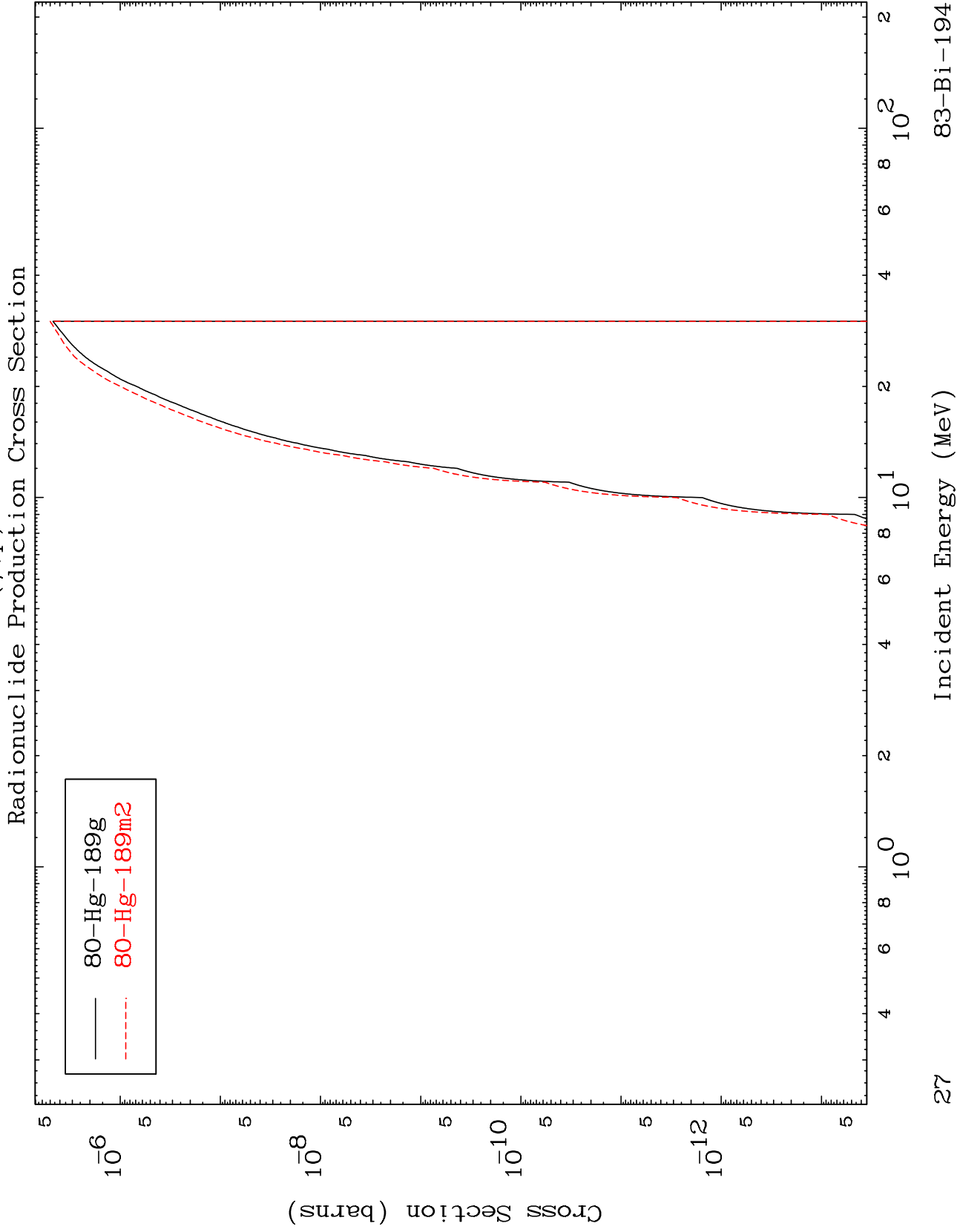
Incident Energy (MeV)

83-Bi-194

MAT 8281

$(\gamma, p) \alpha$

83-Bi-194

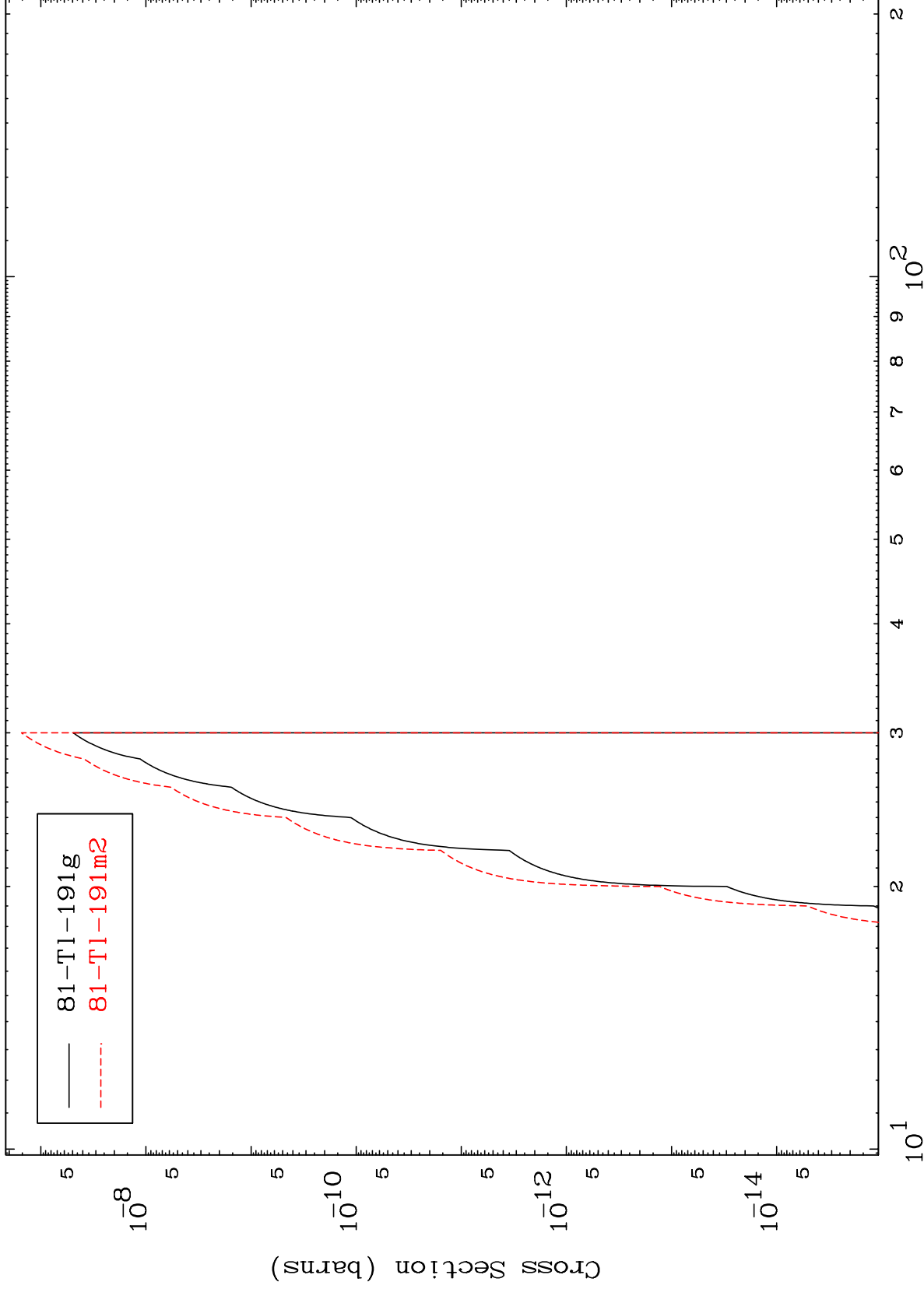


MAT 8281

(γ, p) d

83-Bi-194

Radionuclide Production Cross Section



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

28

Incident Energy (MeV)

83-Bi-194