

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

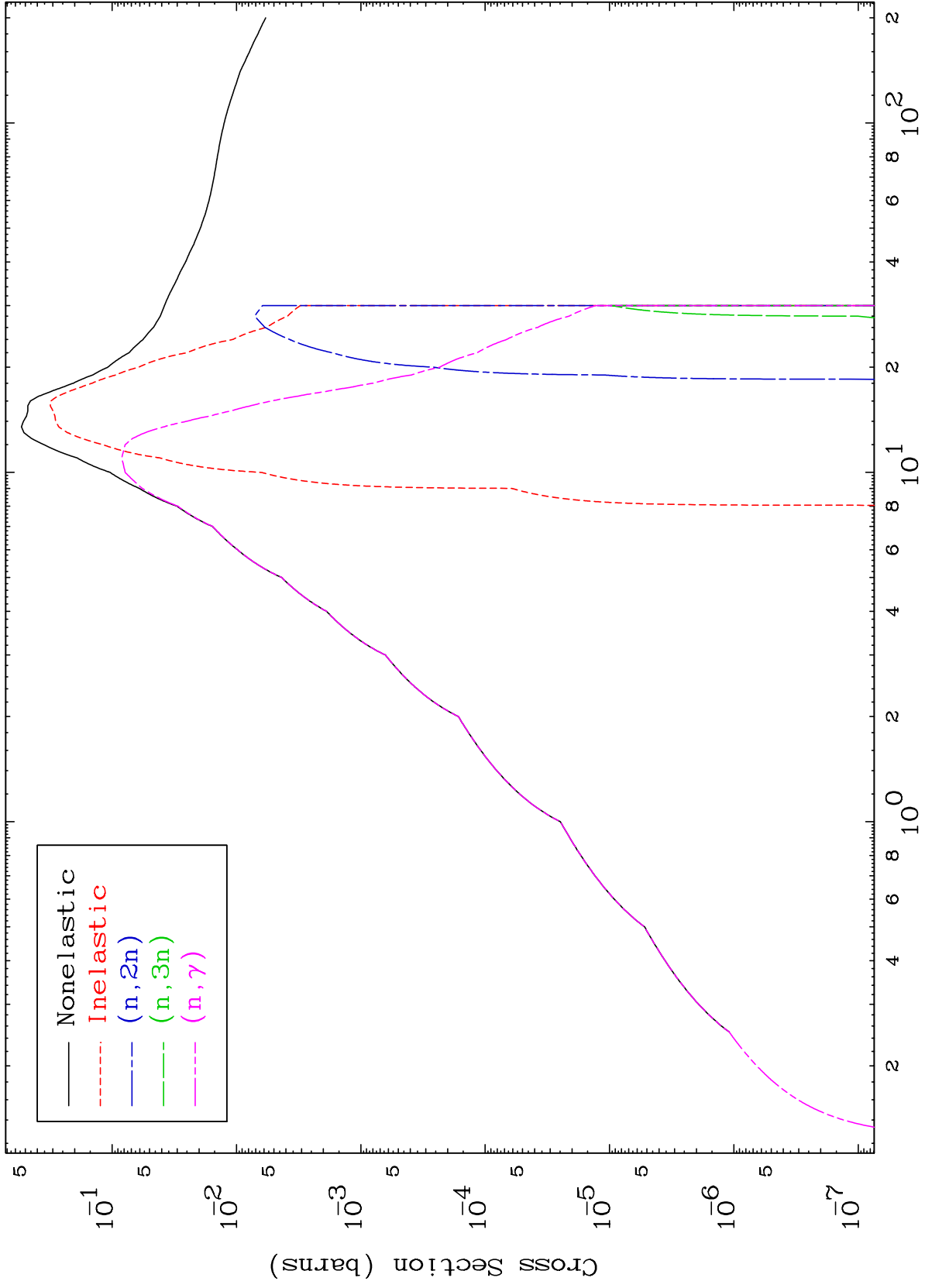
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8282

0 Kelvin Major

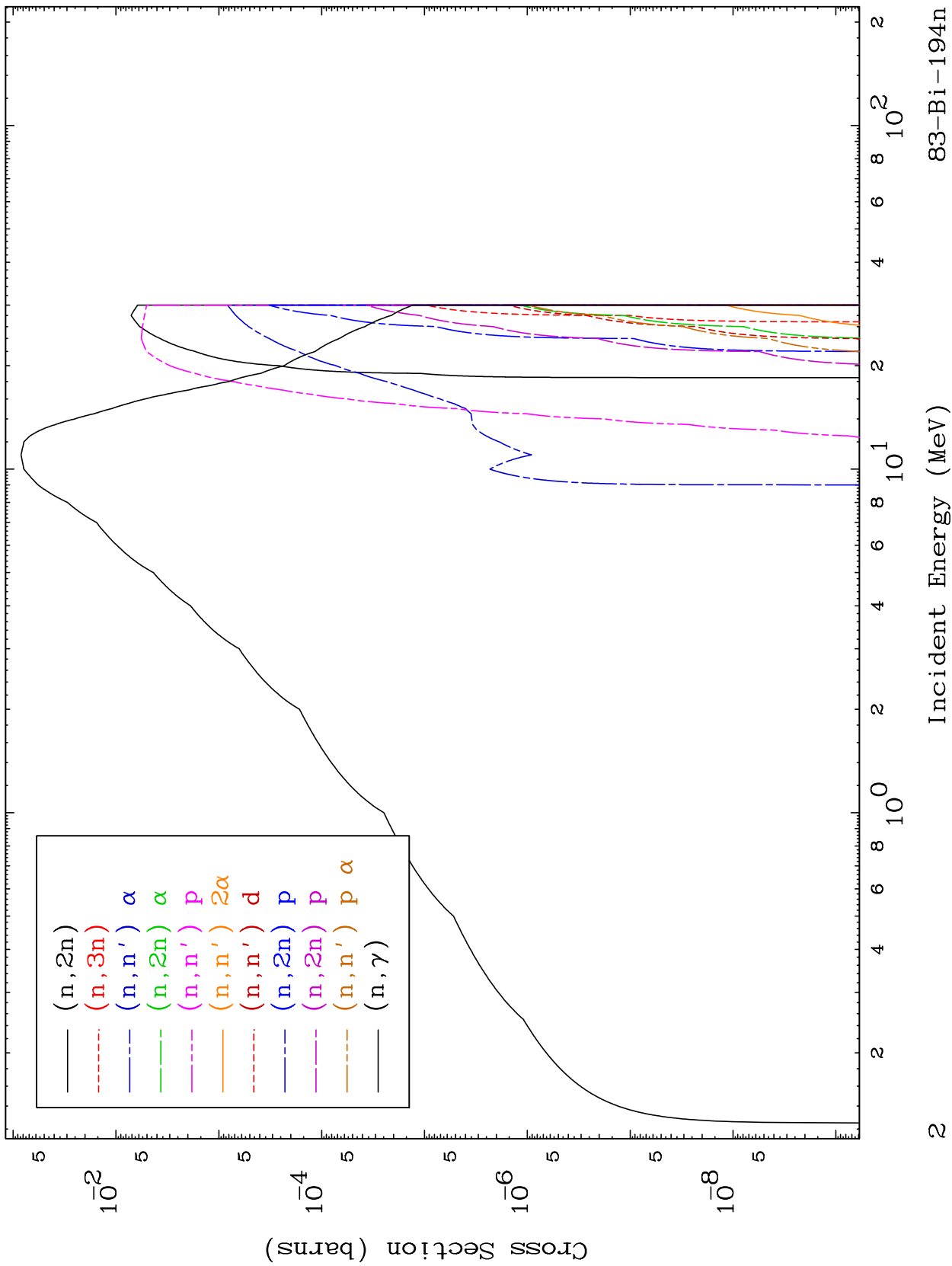
83-Bi-194n



MAT 8282

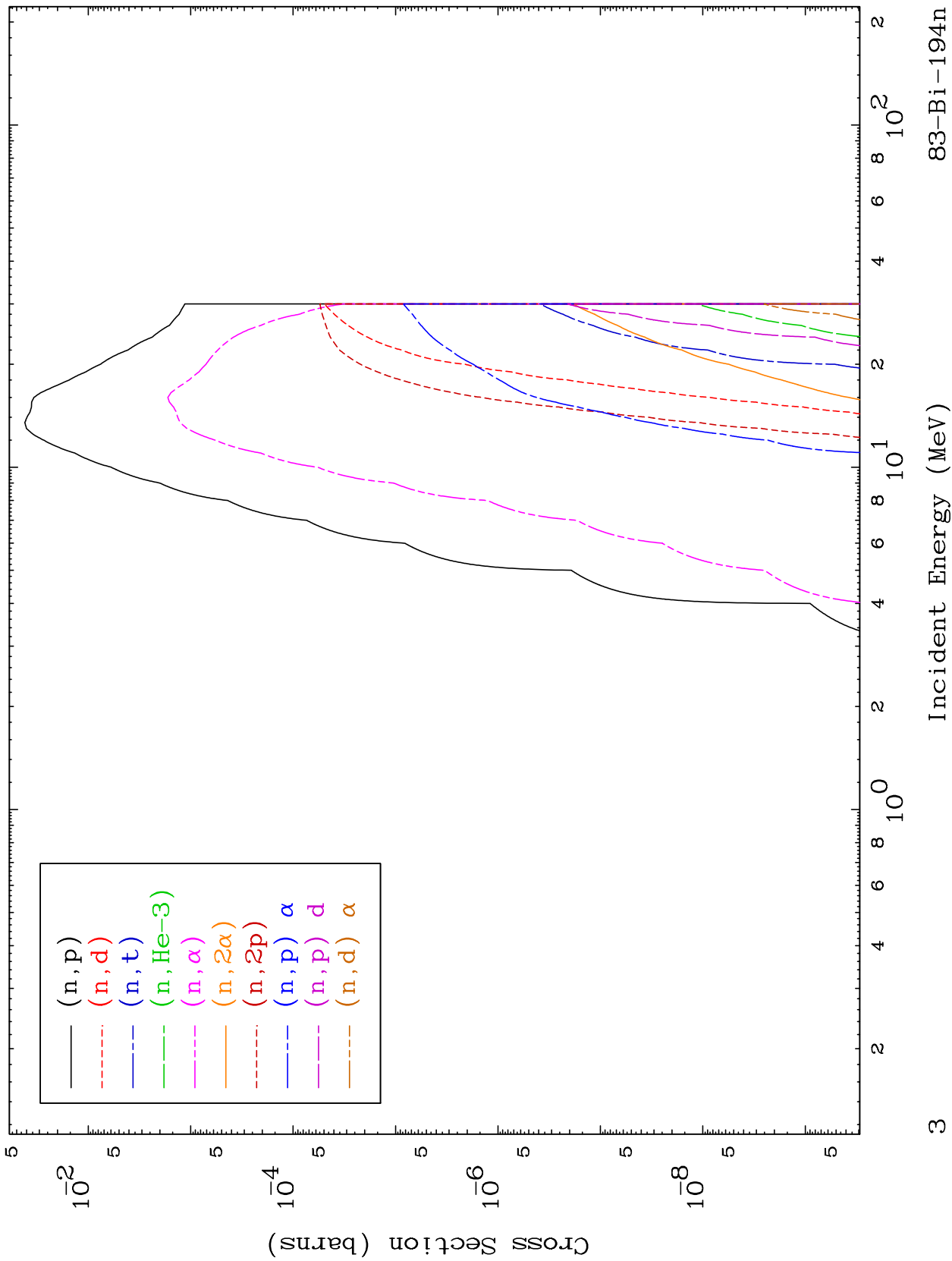
Photon Neutron Absorption
0 Kelvin Cross Sections

83-Bi-194n



83-Bi-194n

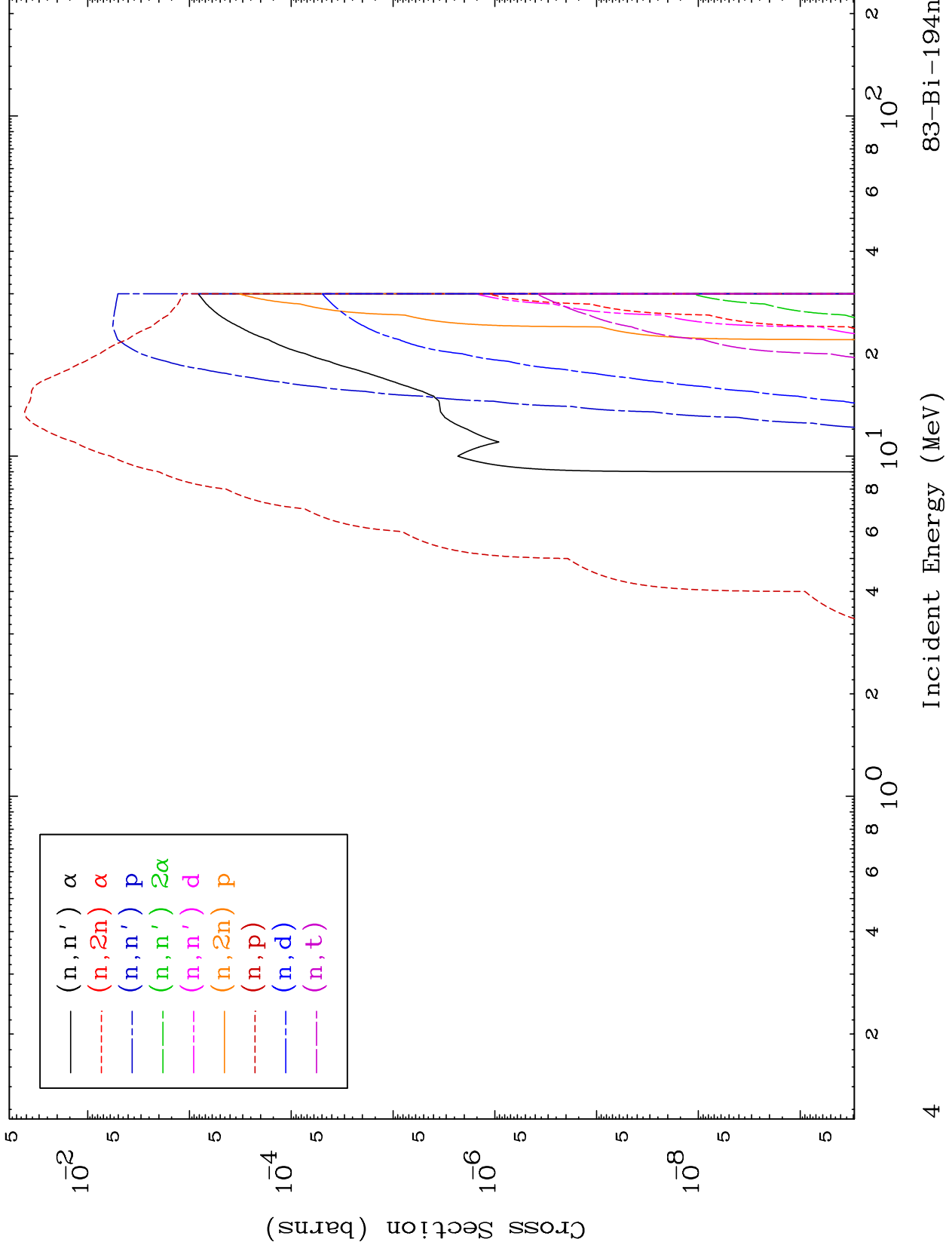
Incident Energy (MeV)

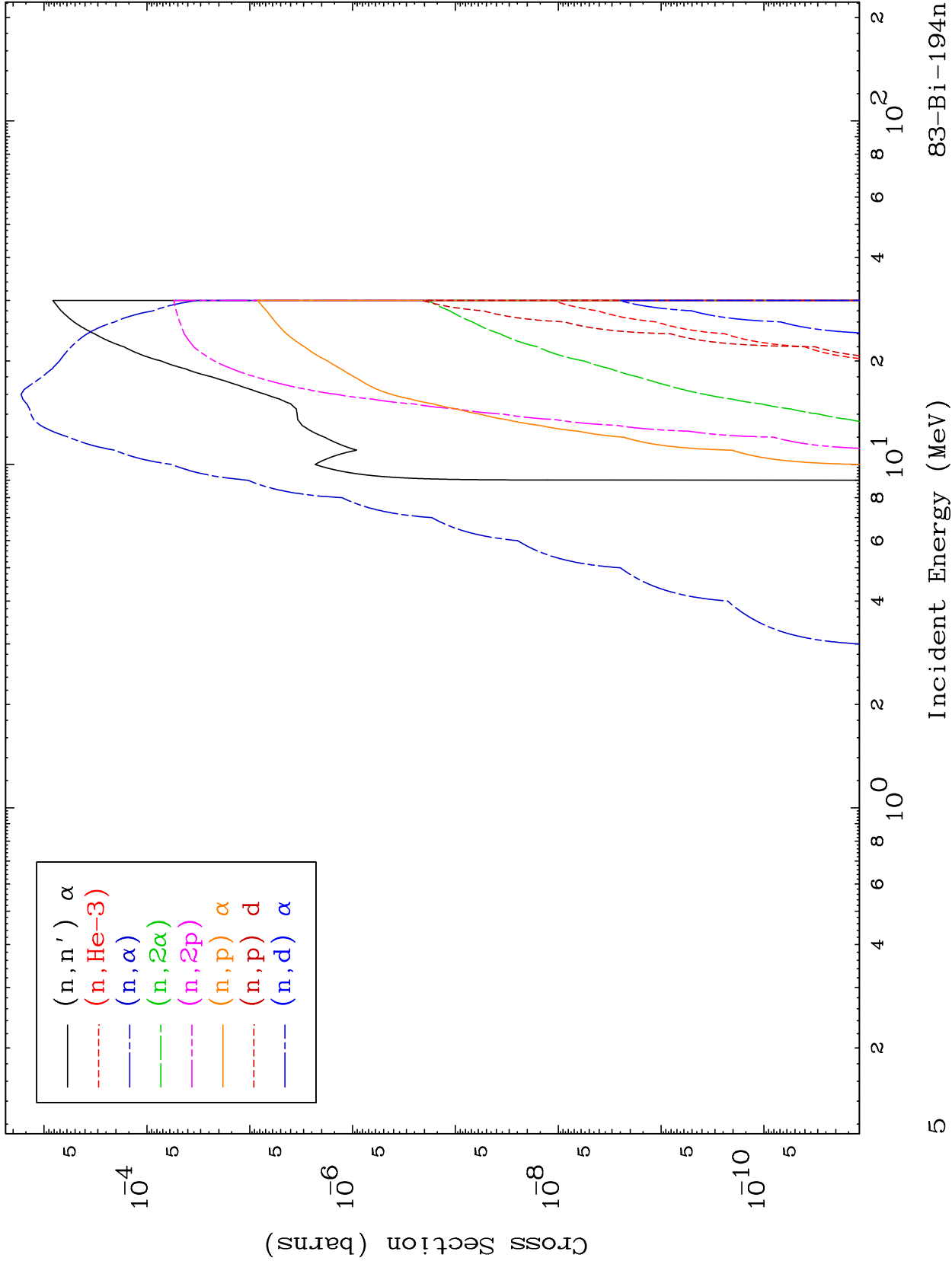


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Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-194n



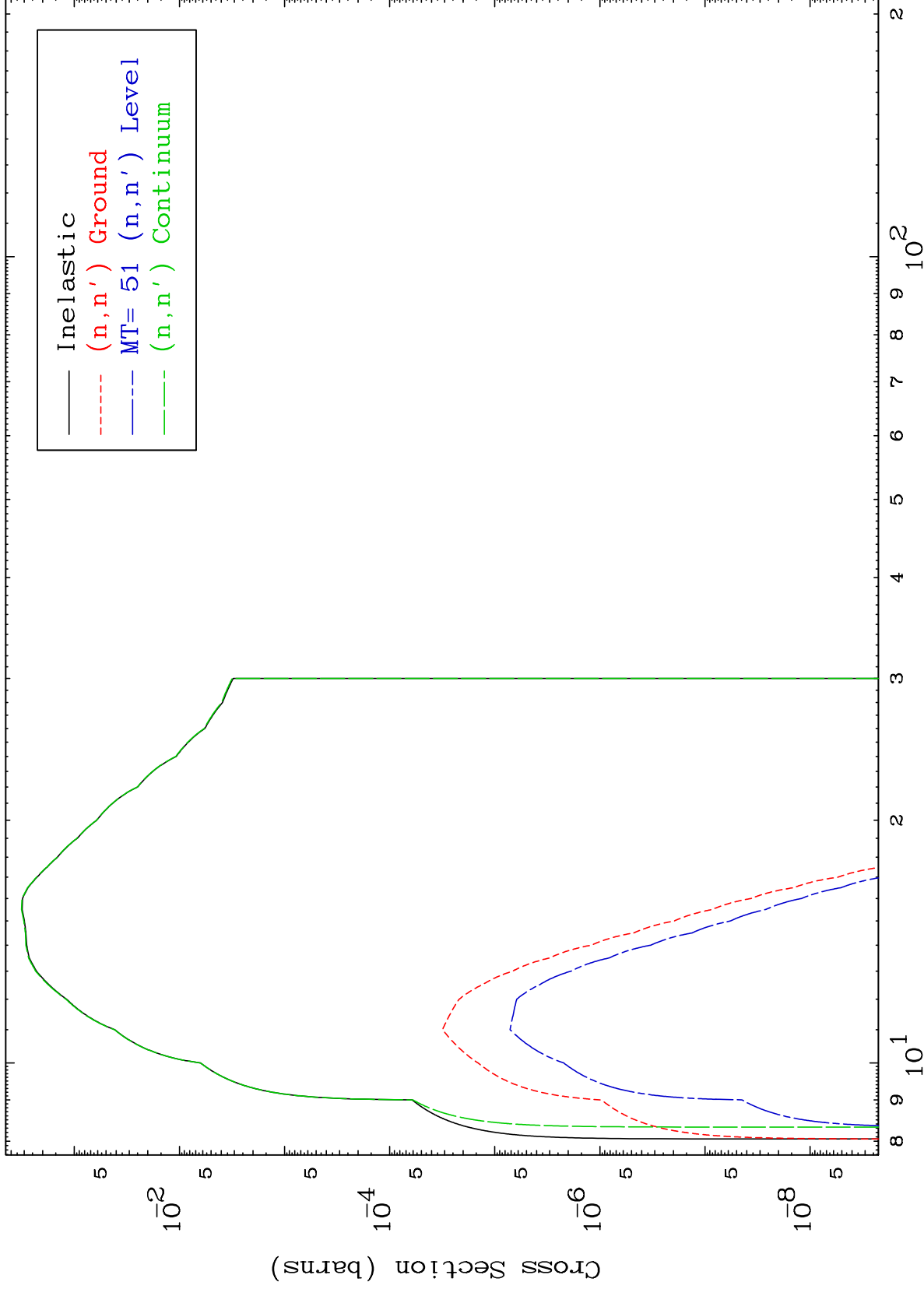


MAT 8282

(γ, n') Levels

83-Bi-194n

0 Kelvin Cross Sections



Incident Energy (MeV)

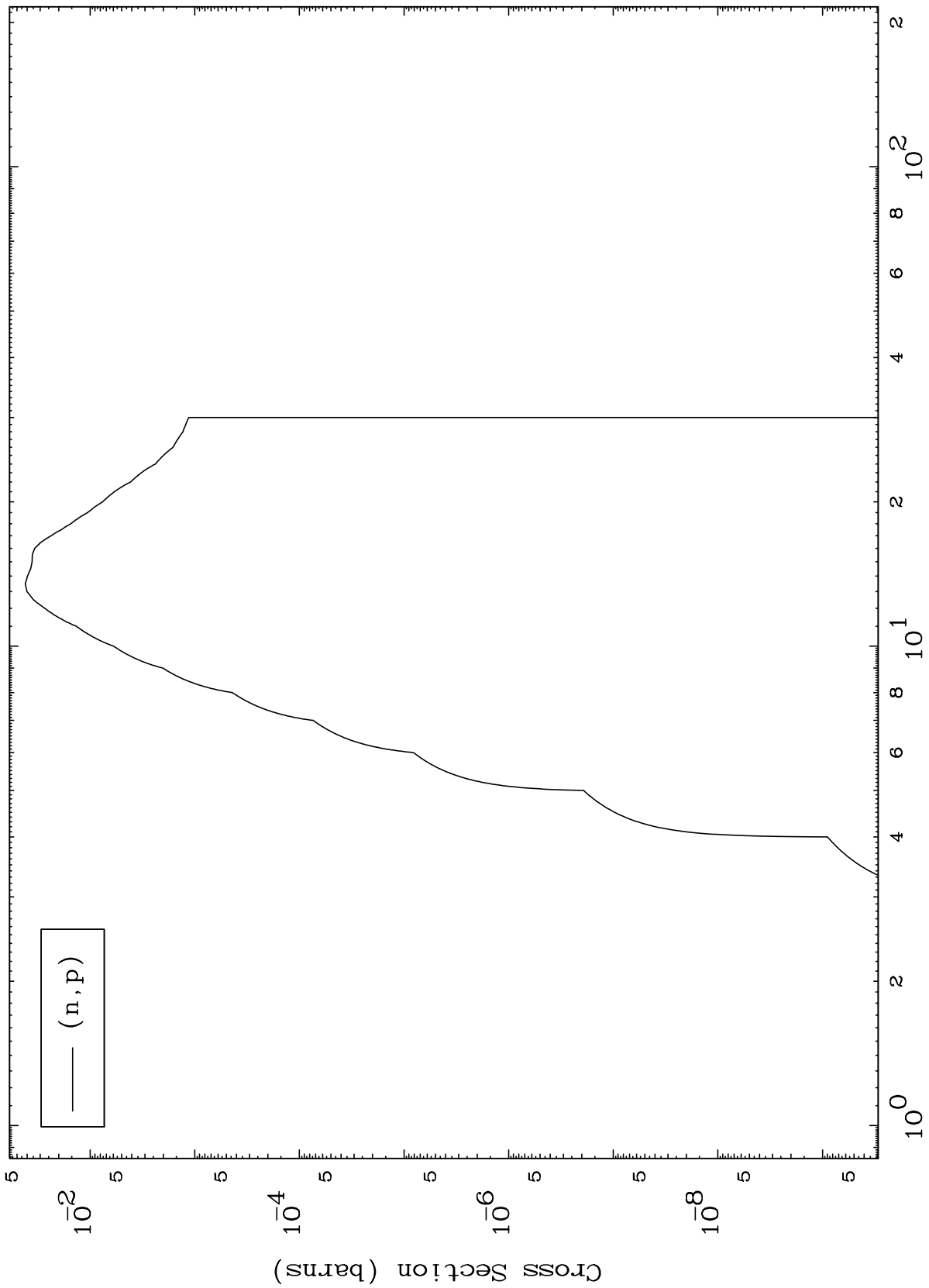
83-Bi-194n

6

MAT 8282

83-Bi-194n

(γ, p) Levels
0 Kelvin Cross Sections



83-Bi-194n

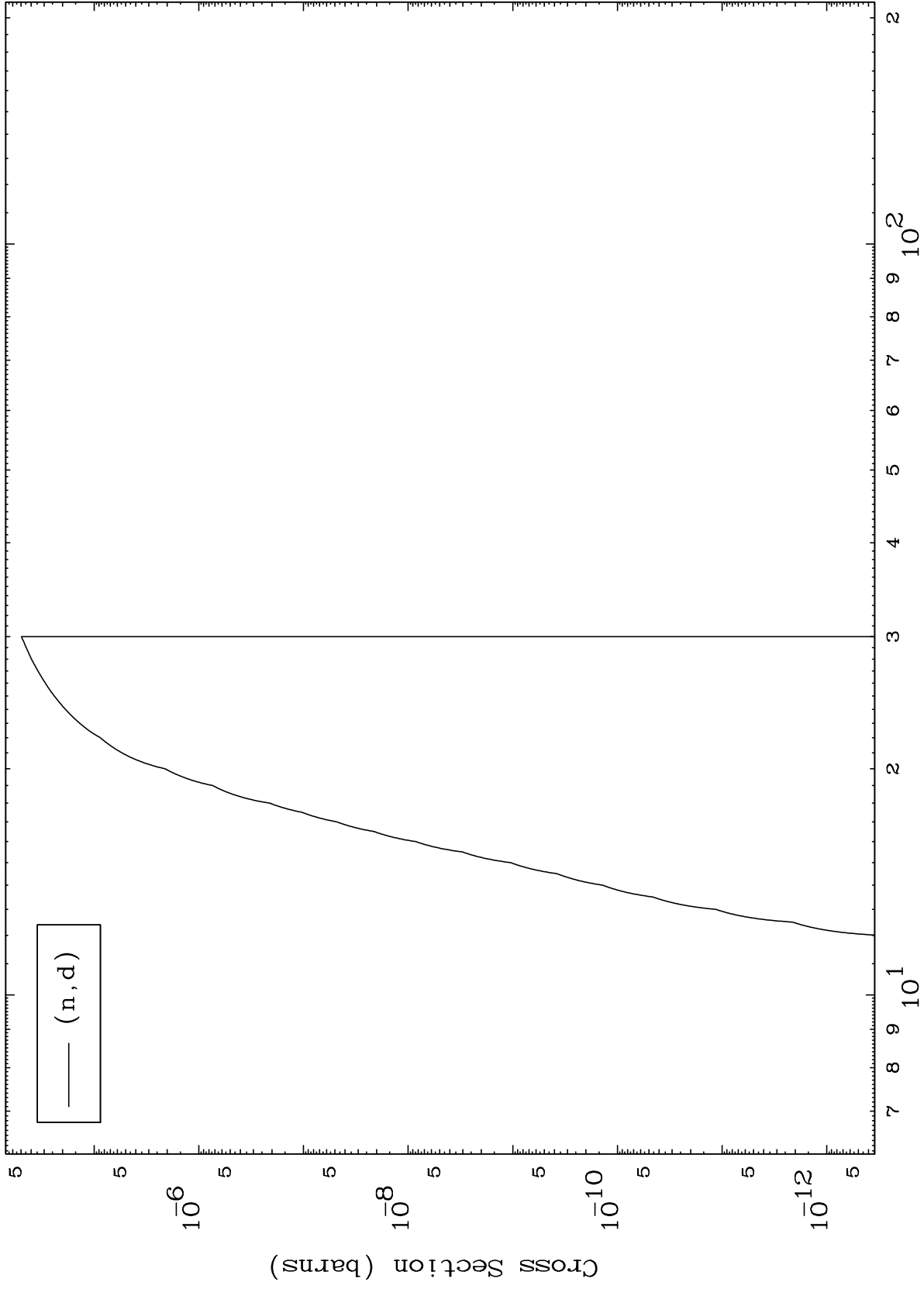
Incident Energy (MeV)

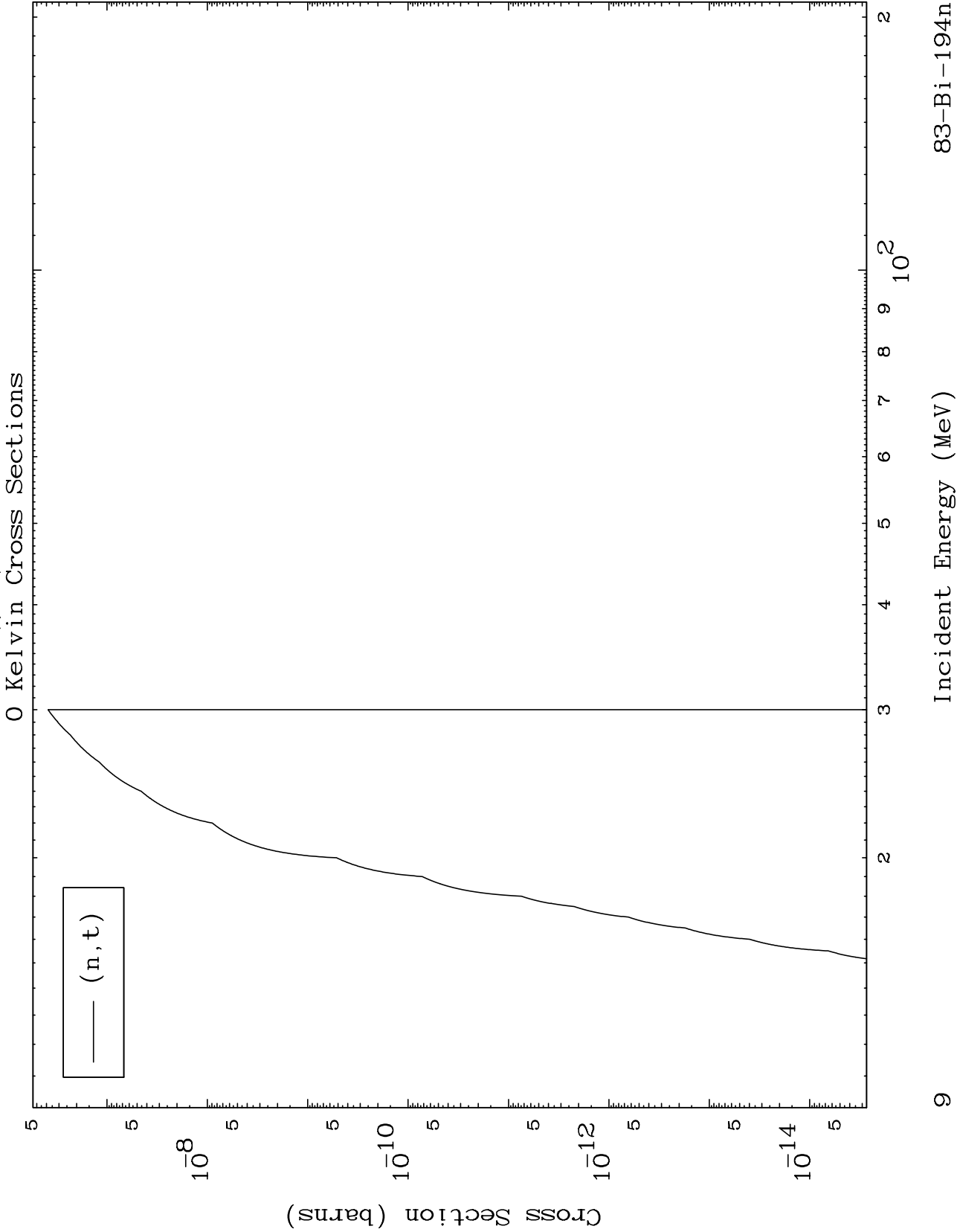
7

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(γ, d) Levels
0 Kelvin Cross Sections

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

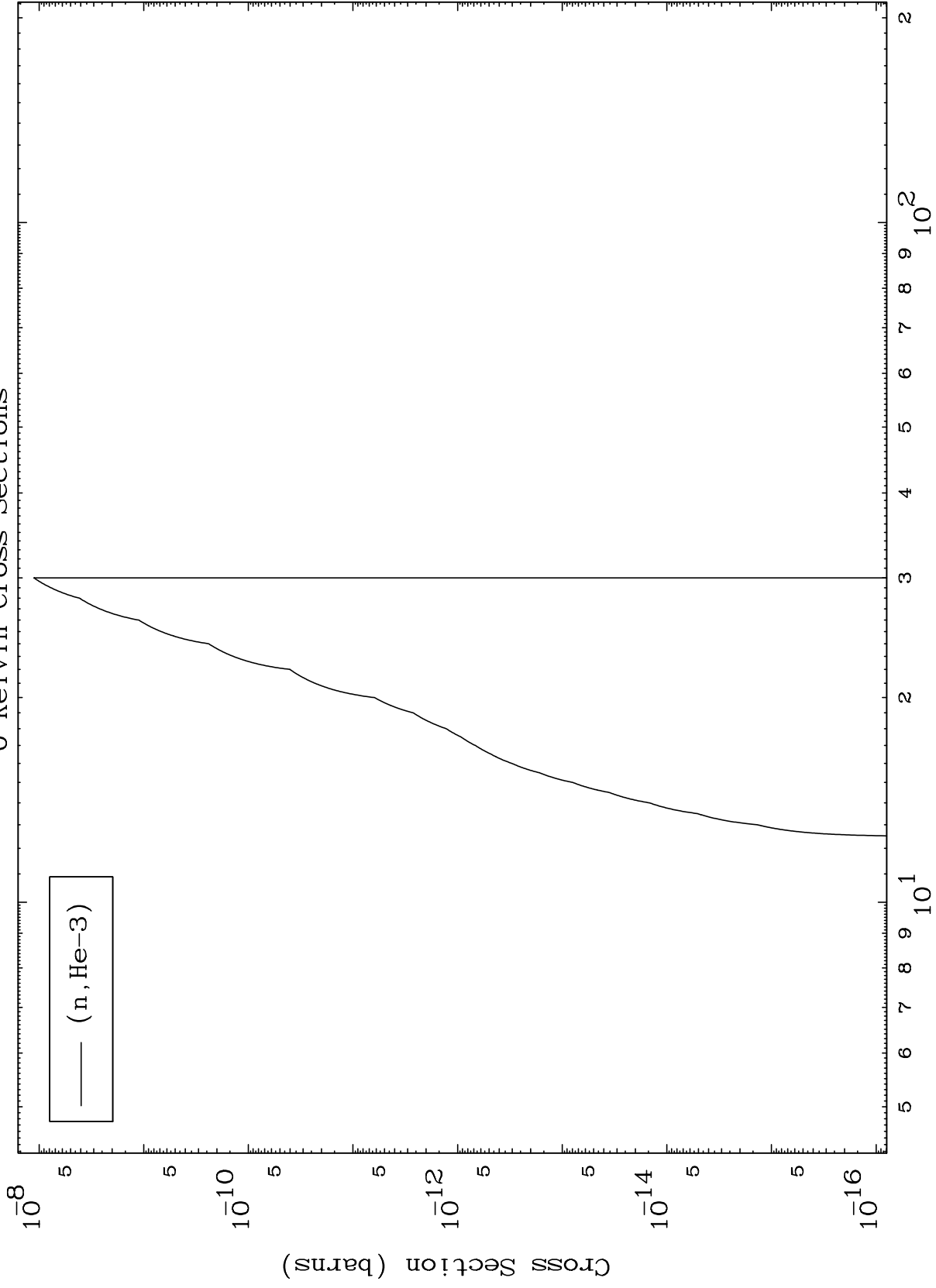




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($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

83-Bi-194n



10

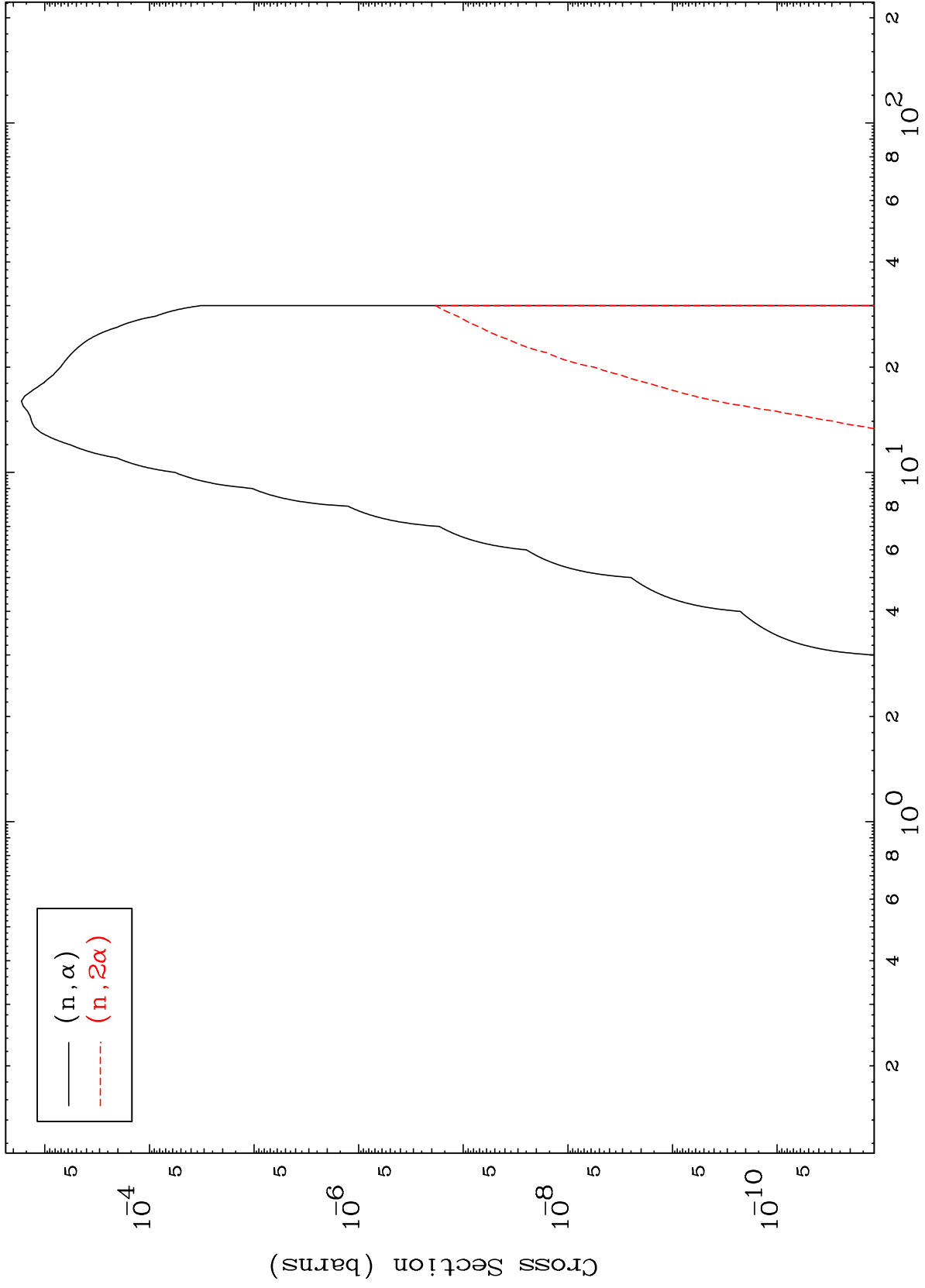
Incident Energy (MeV)

83-Bi-194n

MAT 8282

(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-194n

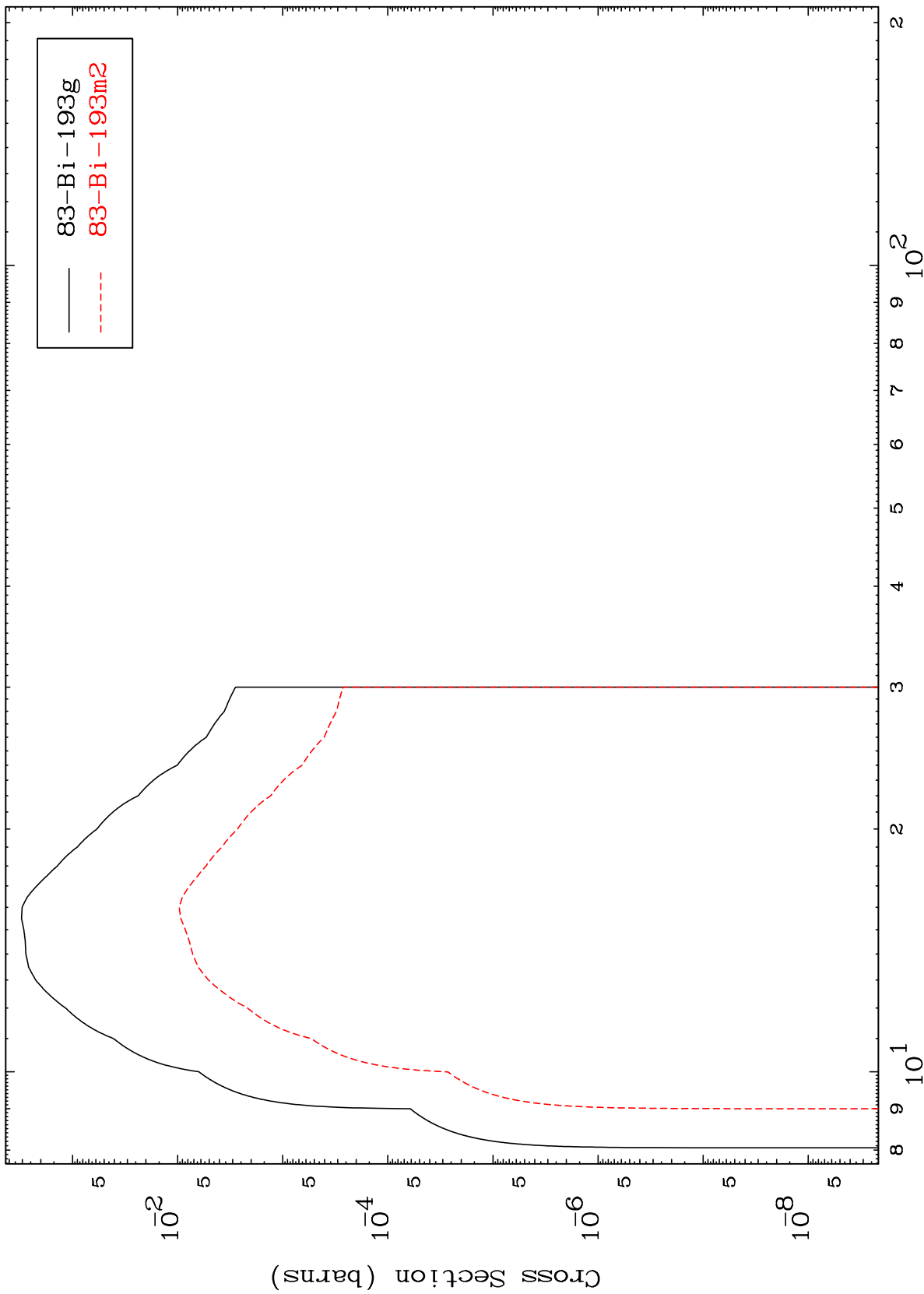


83-Bi-194n

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83-Bi-194n

Inelastic
Radionuclide Production Cross Section



83-Bi-194n

Incident Energy (MeV)

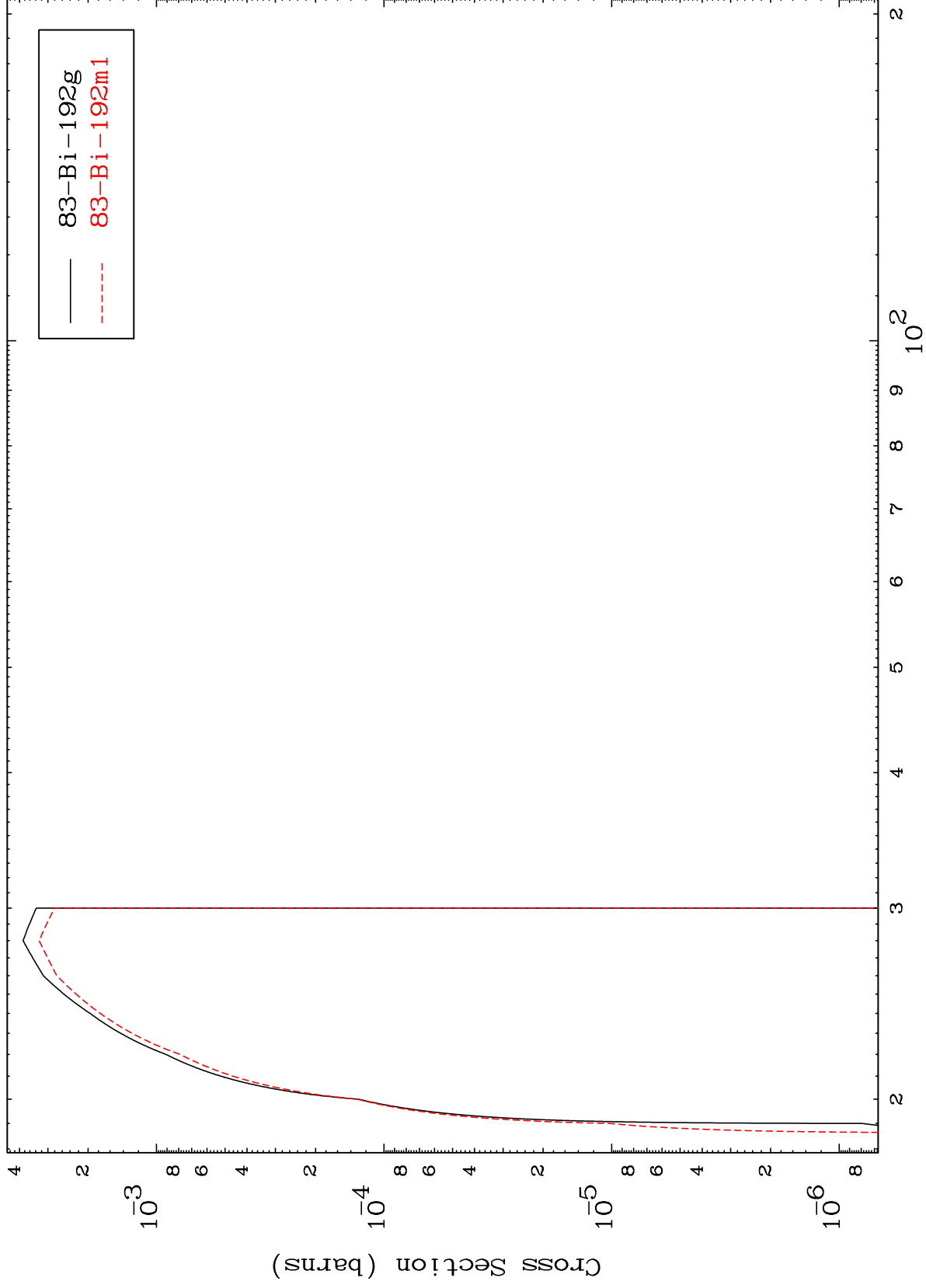
12

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(n,2n)

83-Bi-194n

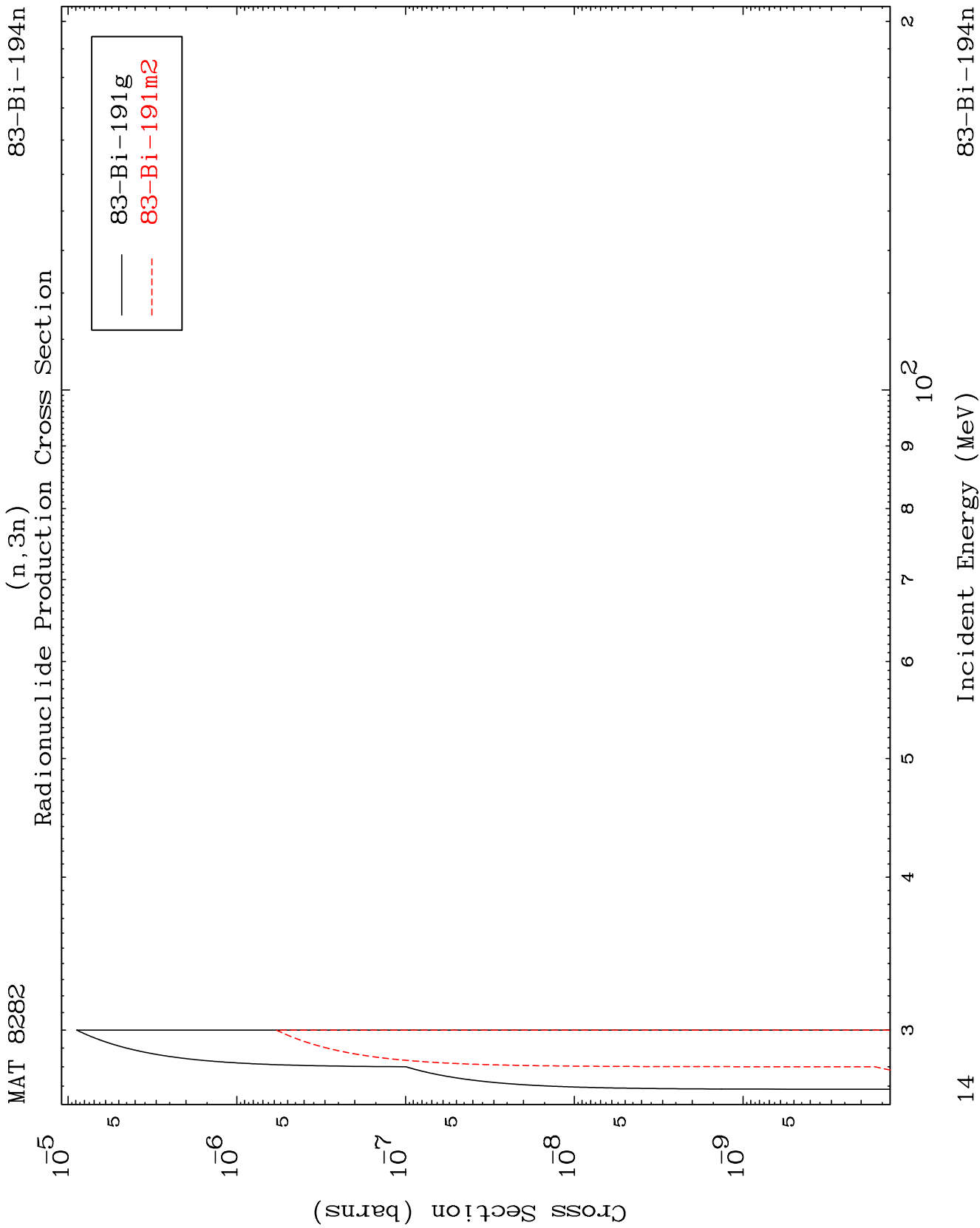
Radionuclide Production Cross Section



13

Incident Energy (MeV)

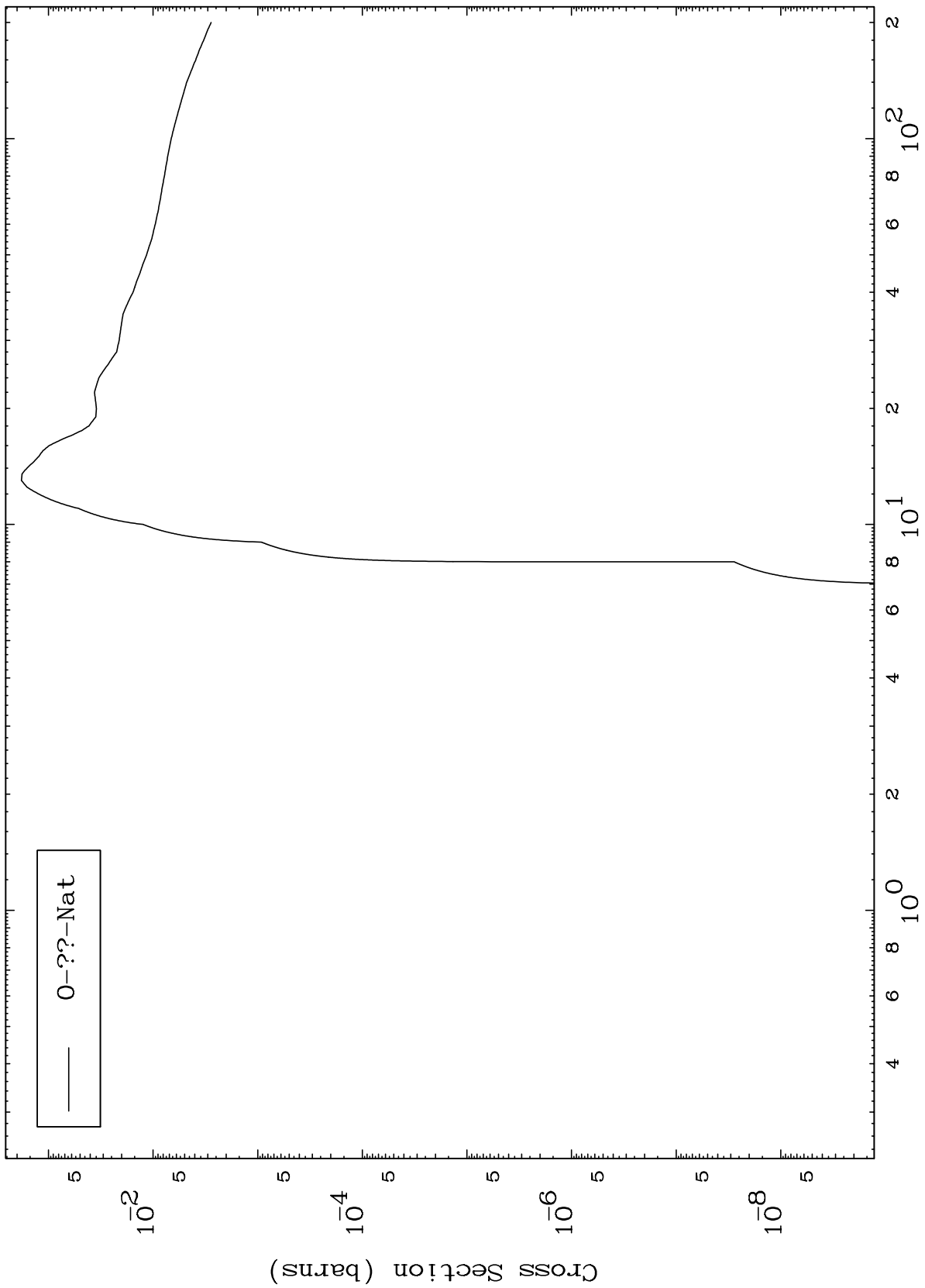
83-Bi-194n



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⁸³Bi-194n

Fission
Radionuclide Production Cross Section



⁸³Bi-194n

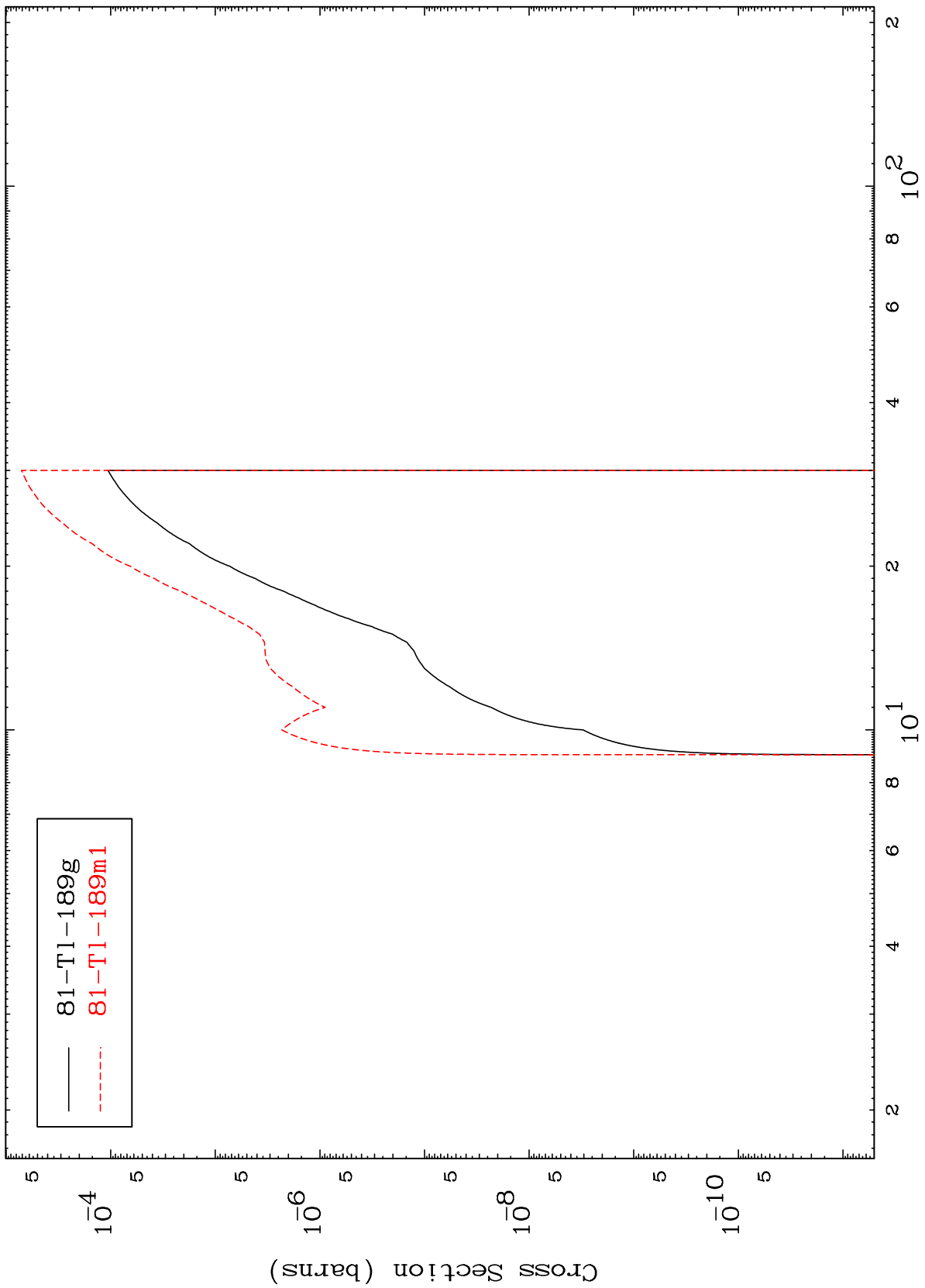
Incident Energy (MeV)

MAT 8282

83-Bi-194n

(n,n') α

Radionuclide Production Cross Section



16

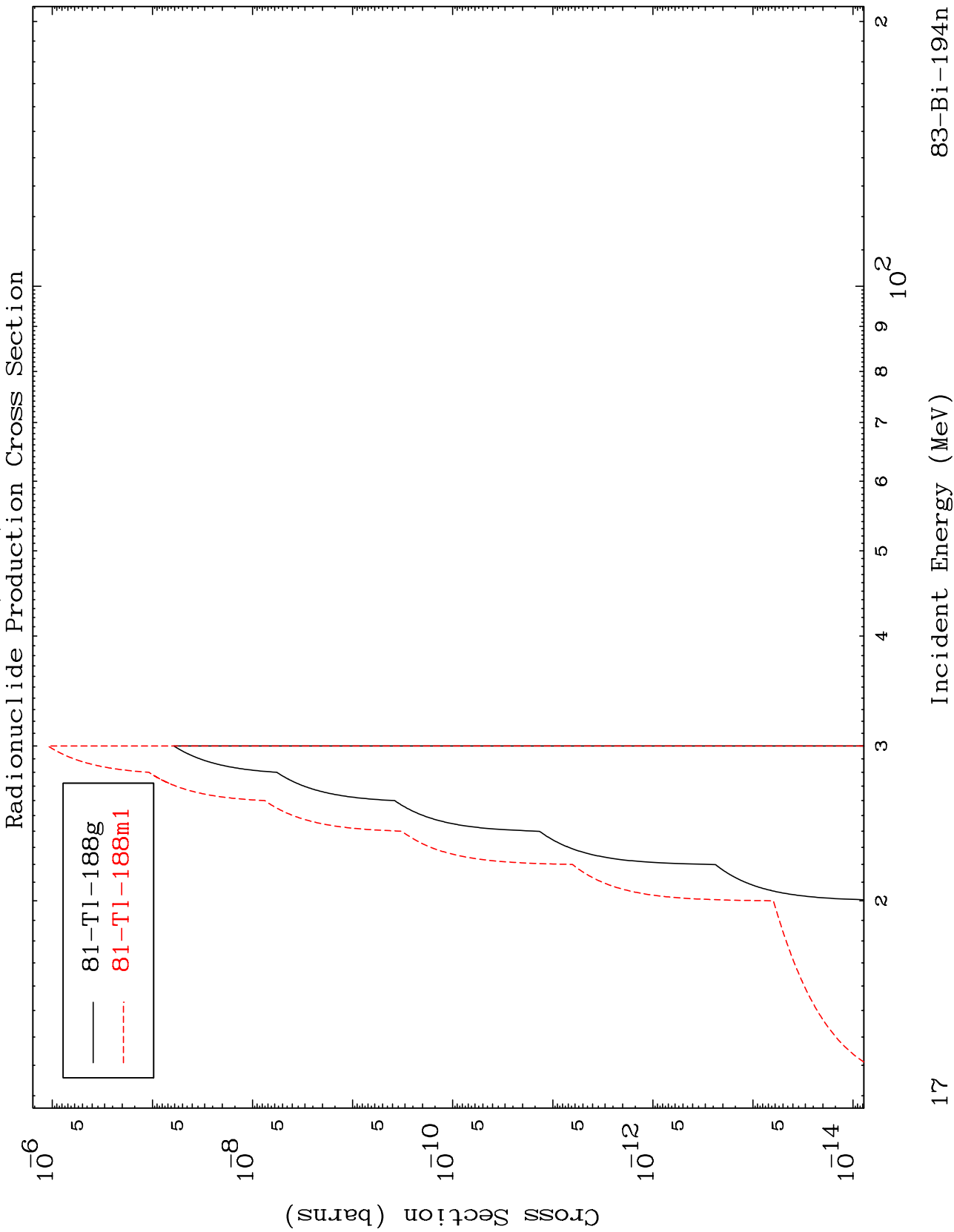
Incident Energy (MeV)

83-Bi-194n

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(n,2n) α

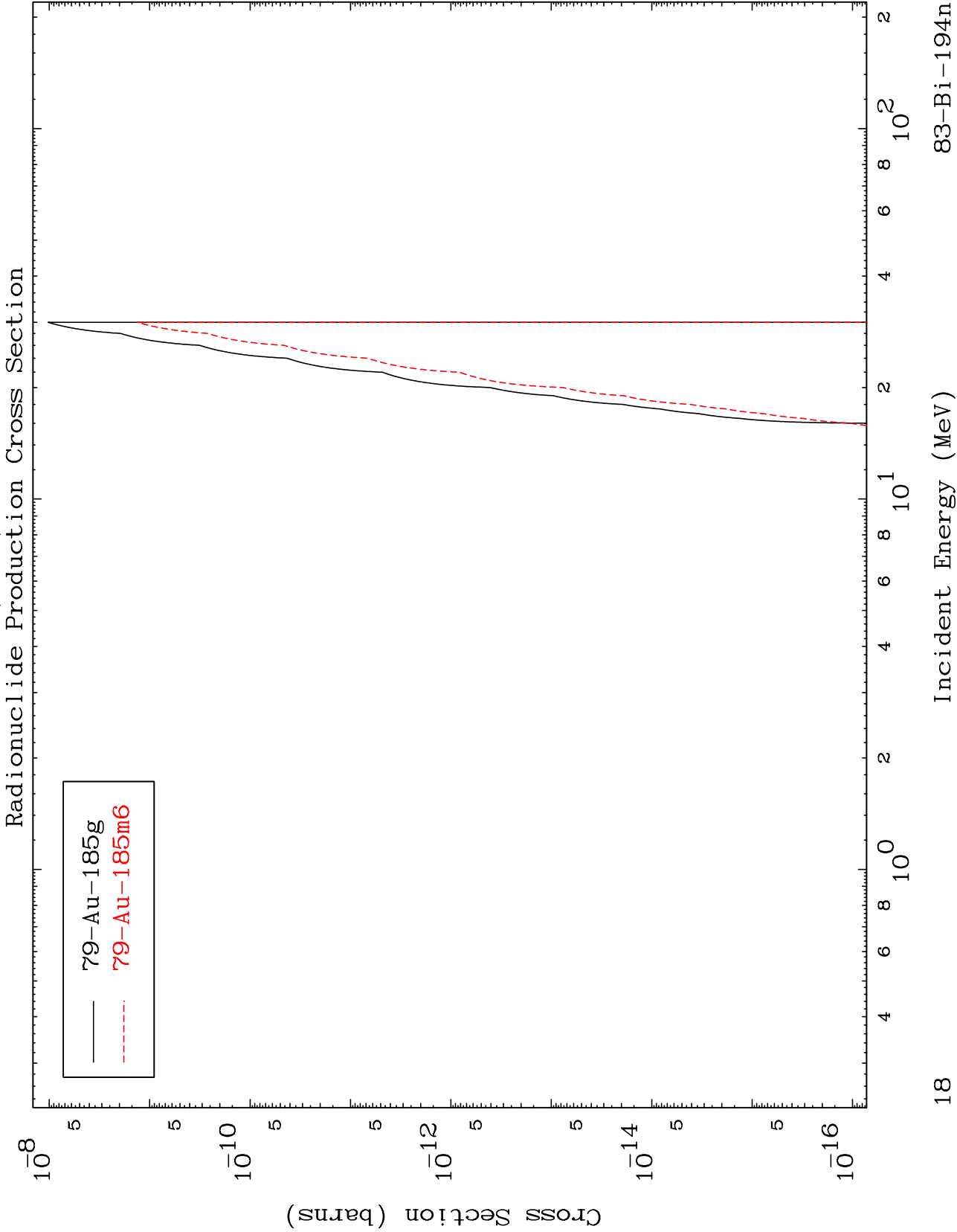
83-Bi-194n



MAT 8282

(n,n') 2 α

83-Bi-194n

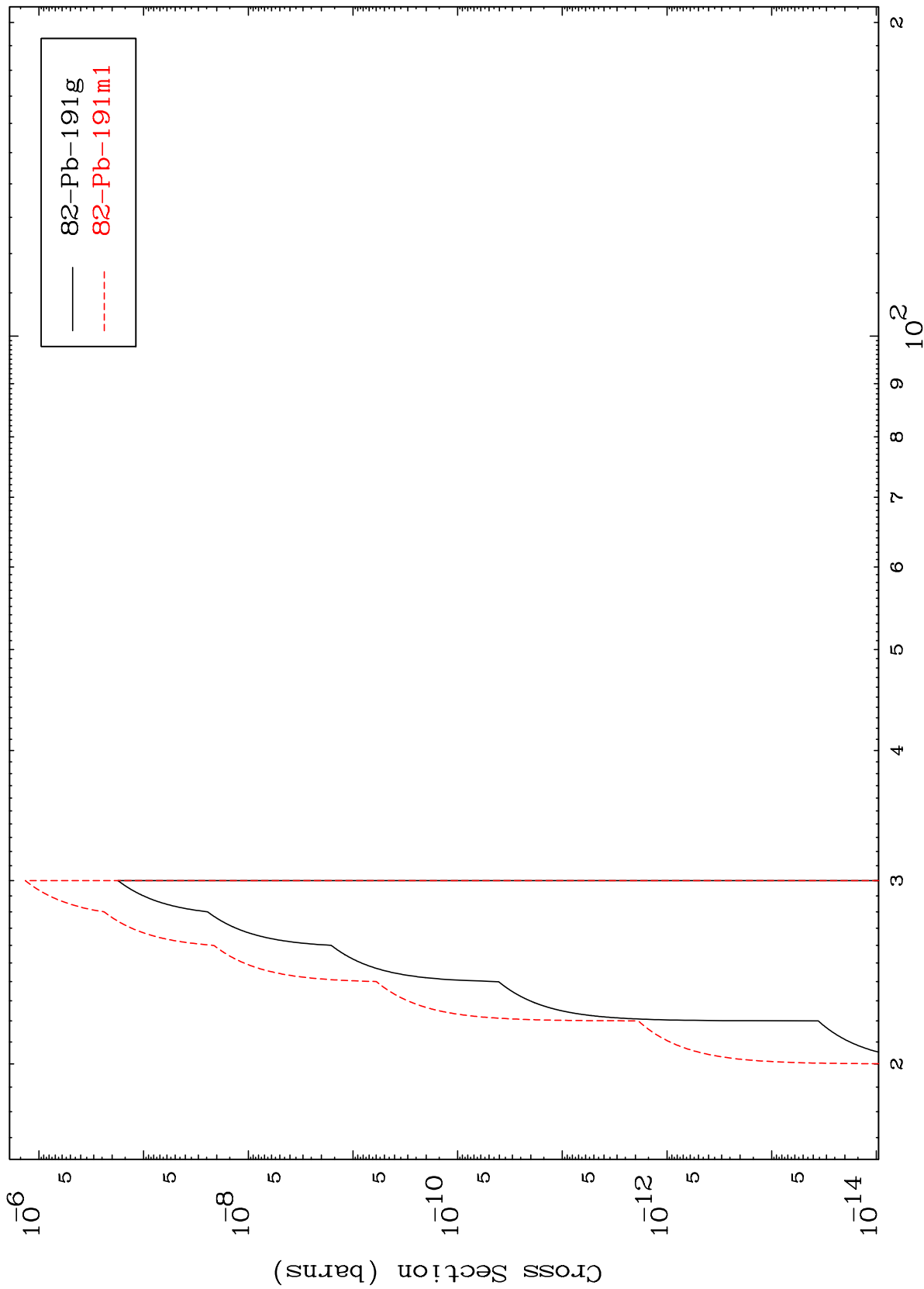


MAT 8282

(n,n') d

83-Bi-194n

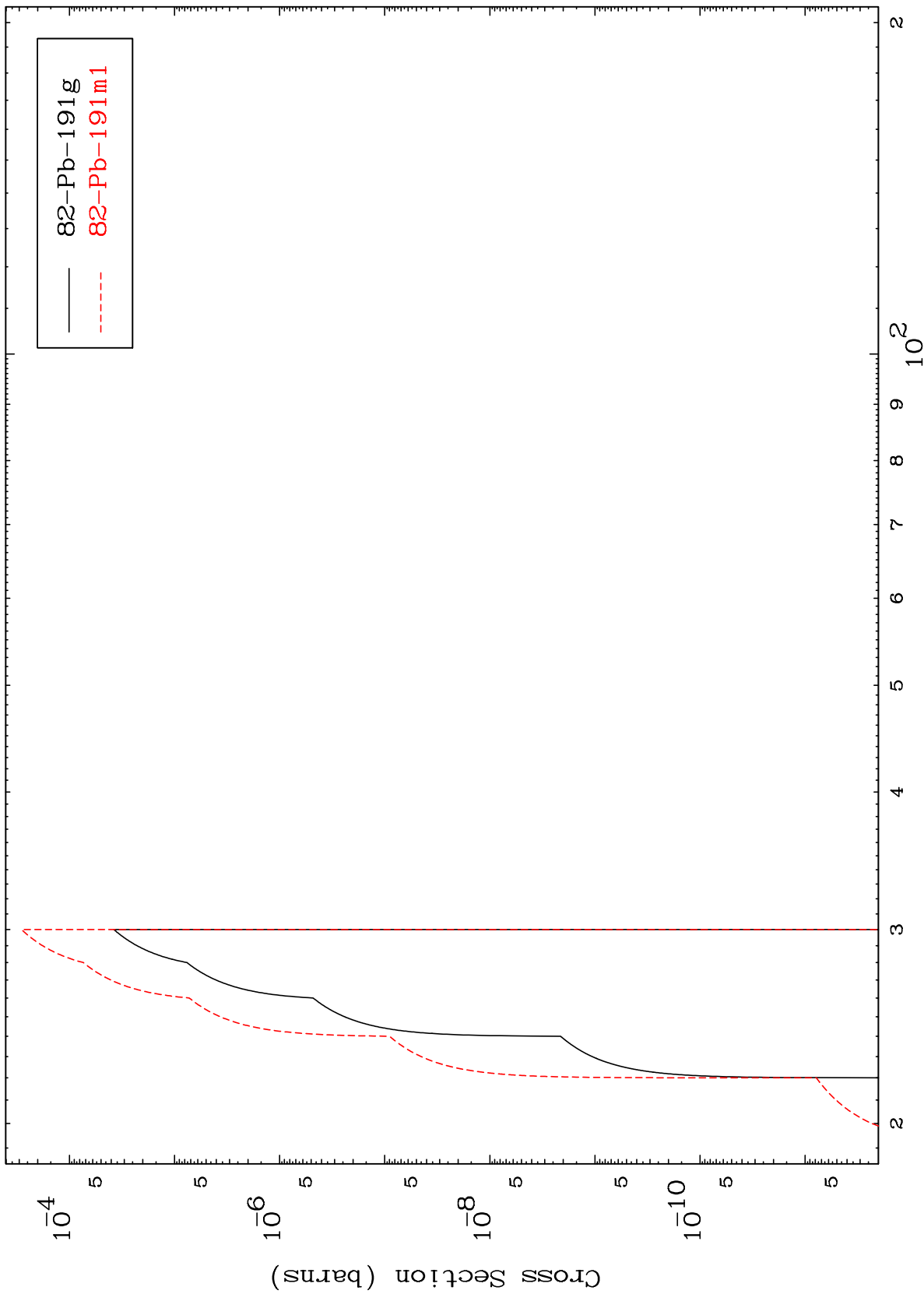
Radionuclide Production Cross Section



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83-Bi-194n

(n,2n) p
Radionuclide Production Cross Section



83-Bi-194n

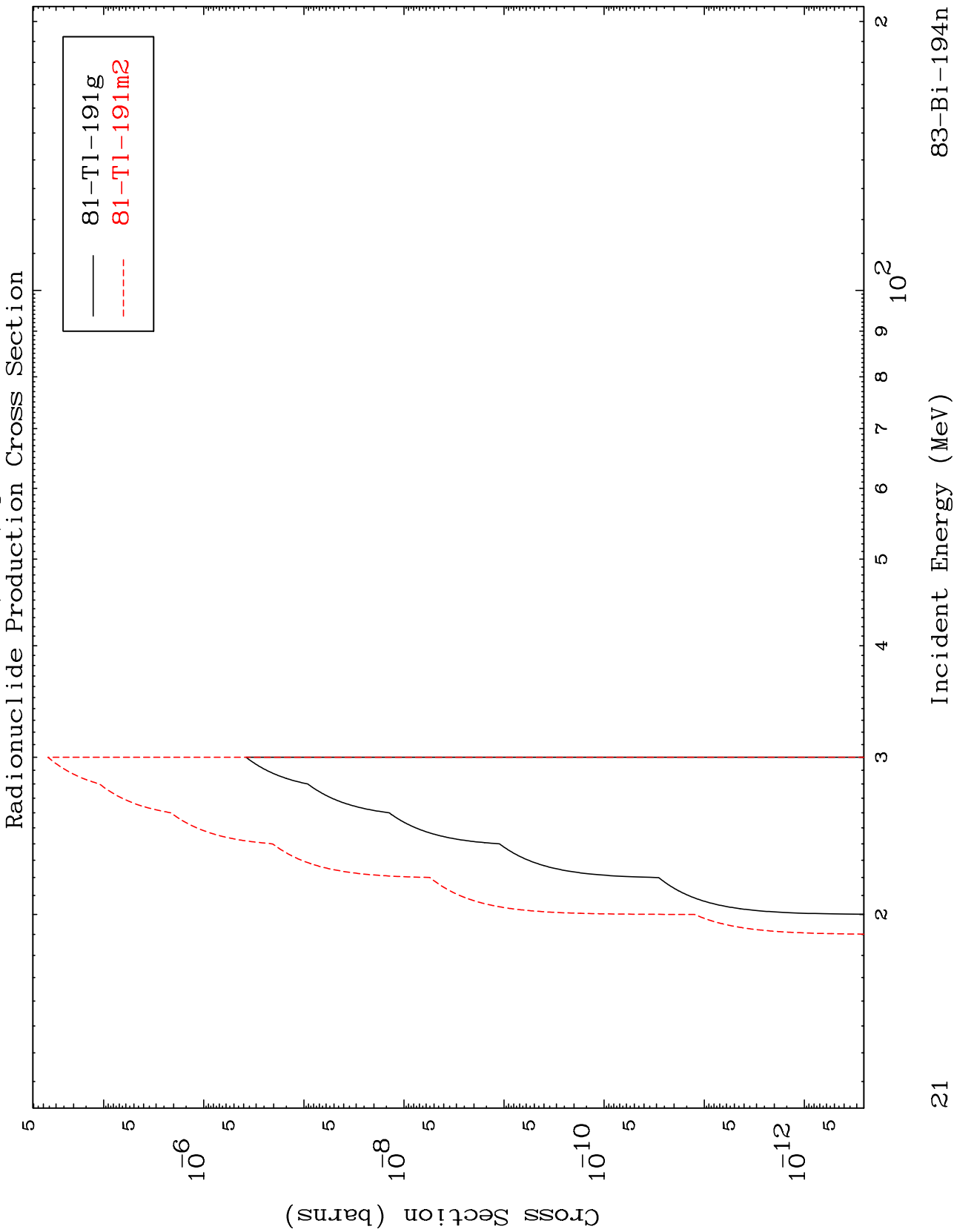
Incident Energy (MeV)

20

MAT 8282

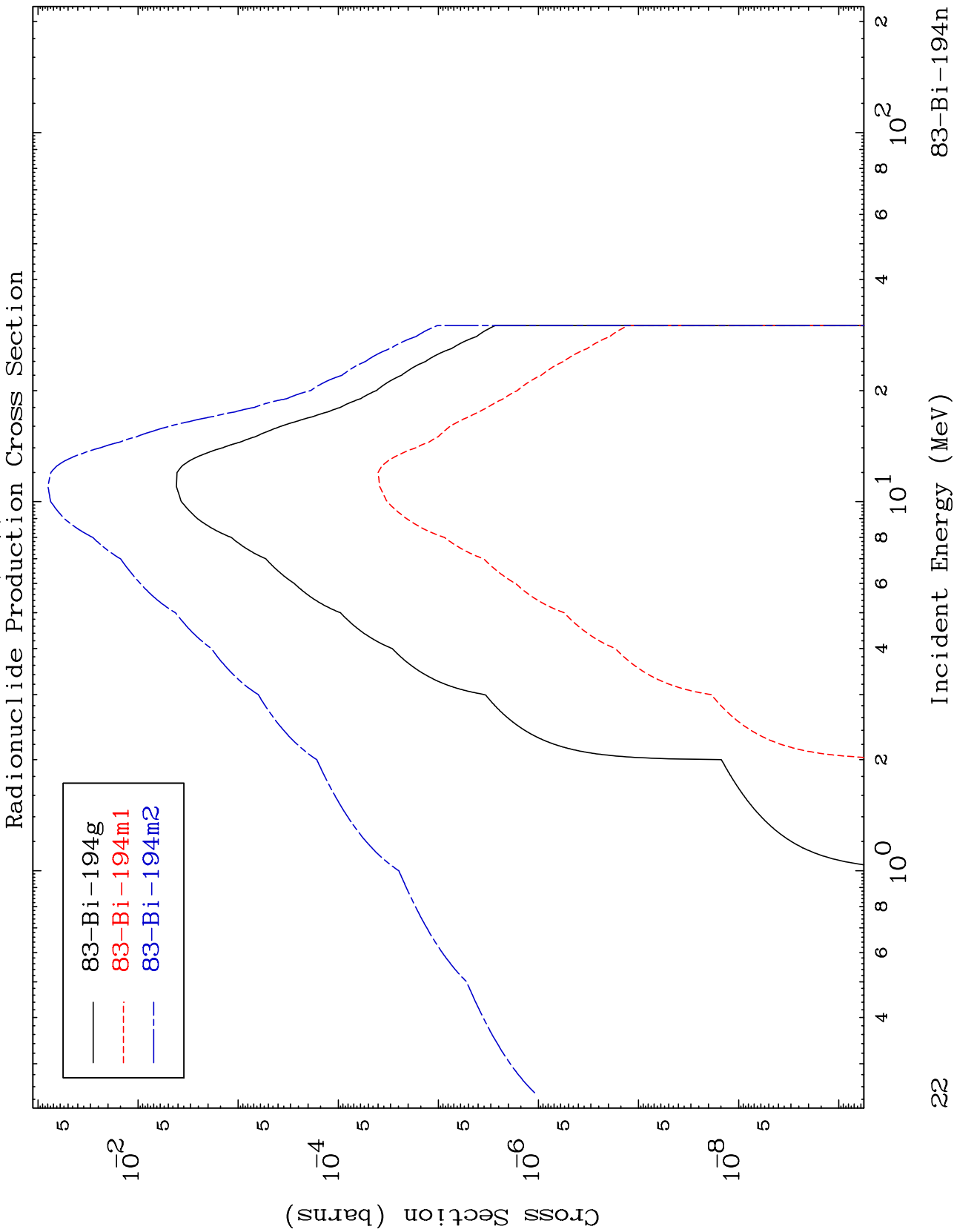
(n,2n) p

83-Bi-194n



MAT 8282

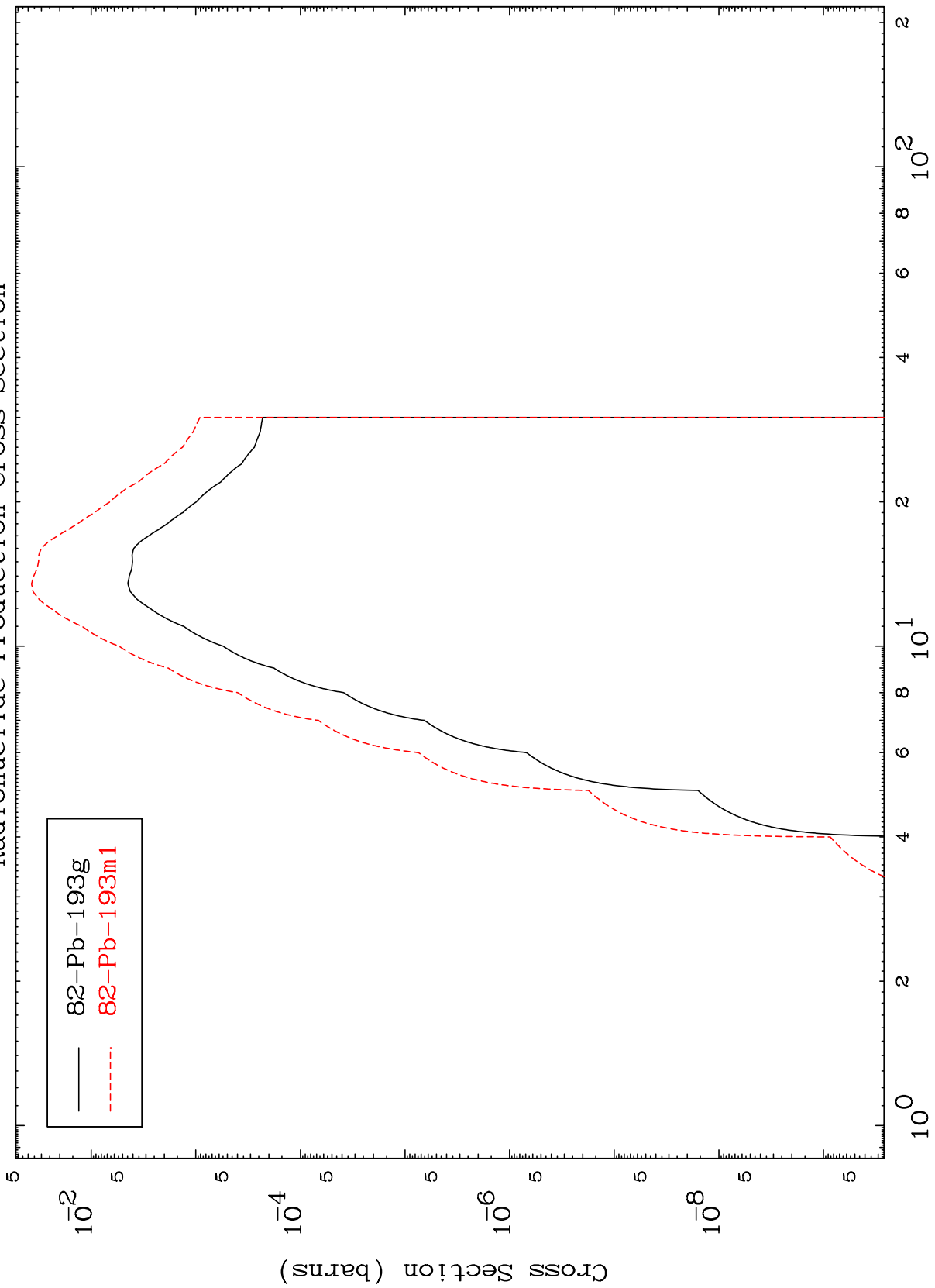
$^{83}\text{Bi}-194\text{n}$



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83-Bi-194n

(n,p)
Radionuclide Production Cross Section



— 82-Pb-193g
- - - 82-Pb-193m1

Incident Energy (MeV)

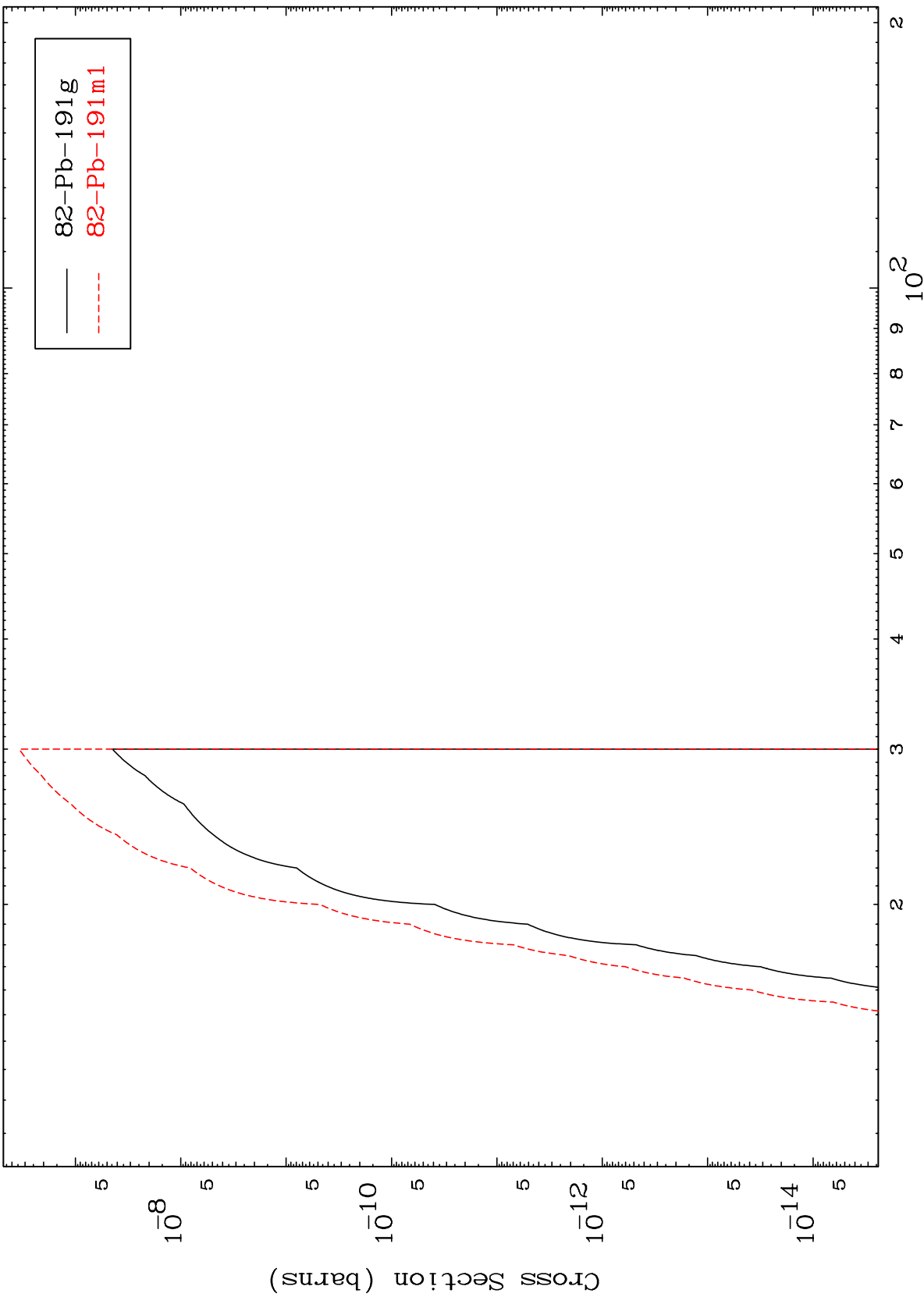
83-Bi-194n

23

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83-Bi-194n

(n,t)
Radionuclide Production Cross Section



24

83-Bi-194n

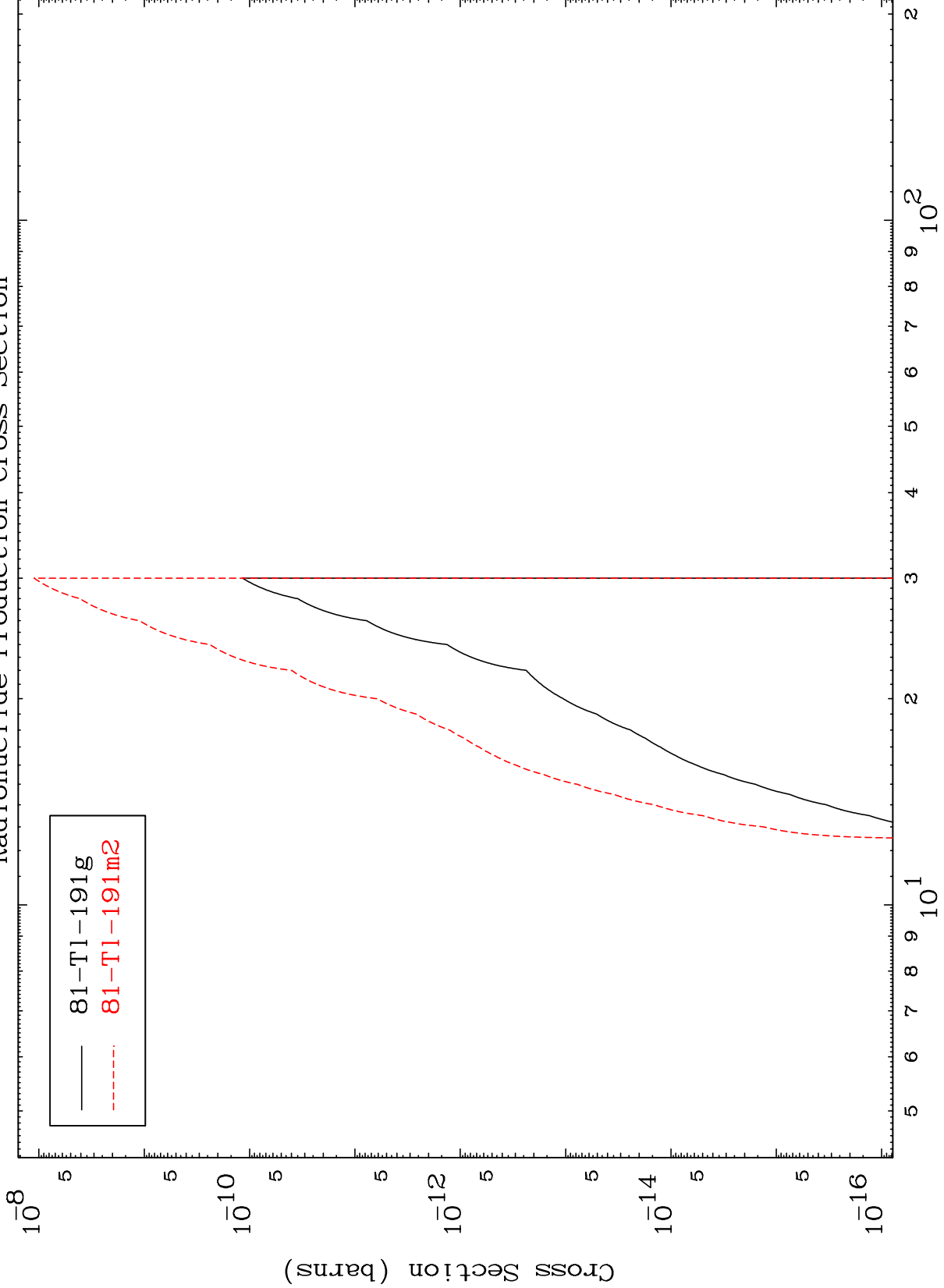
Incident Energy (MeV)

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(n,He-3)

83-Bi-194n

Radionuclide Production Cross Section



25

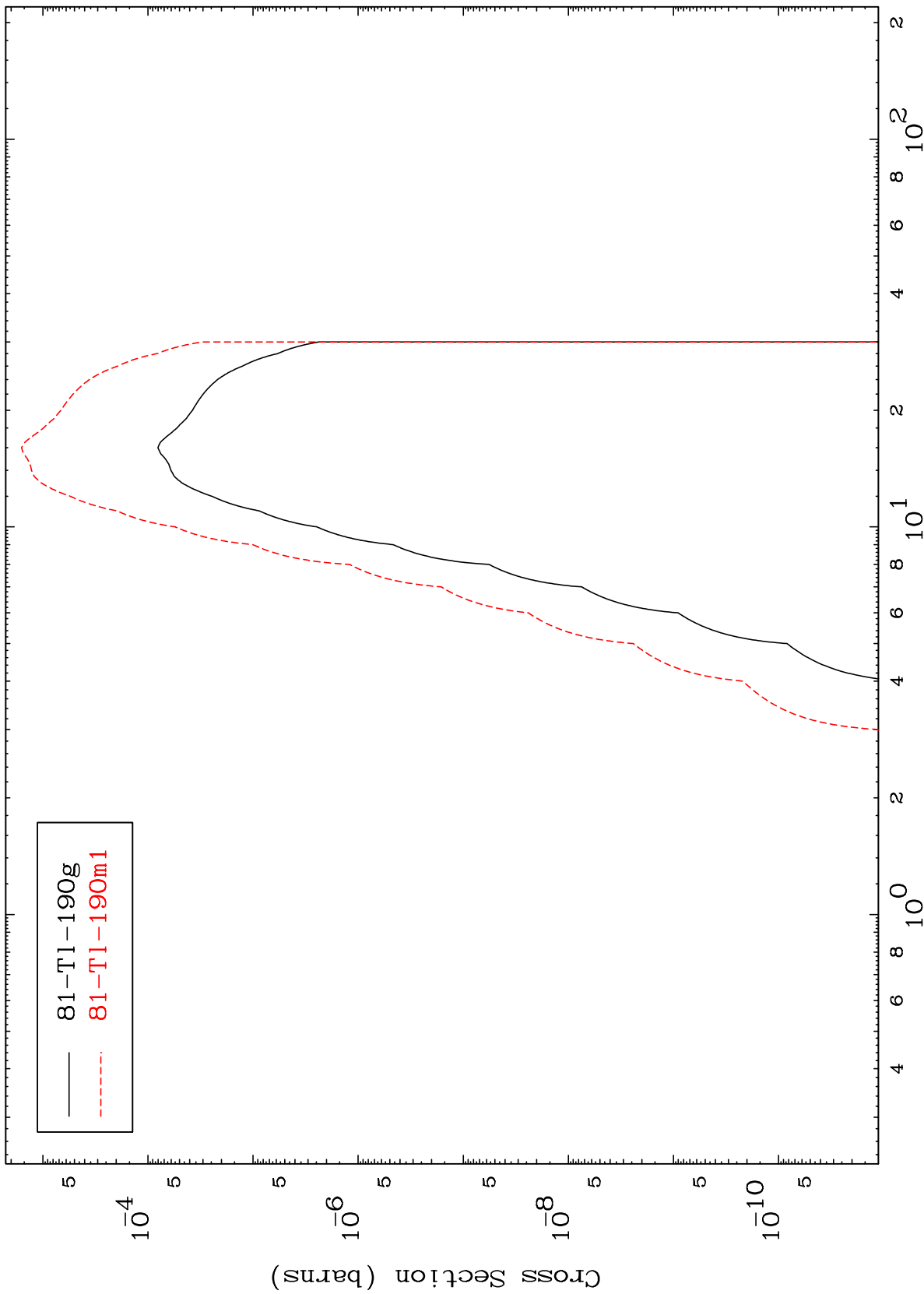
Incident Energy (MeV)

83-Bi-194n

MAT 8282

83-Bi-194n

(n, α)
Radionuclide Production Cross Section



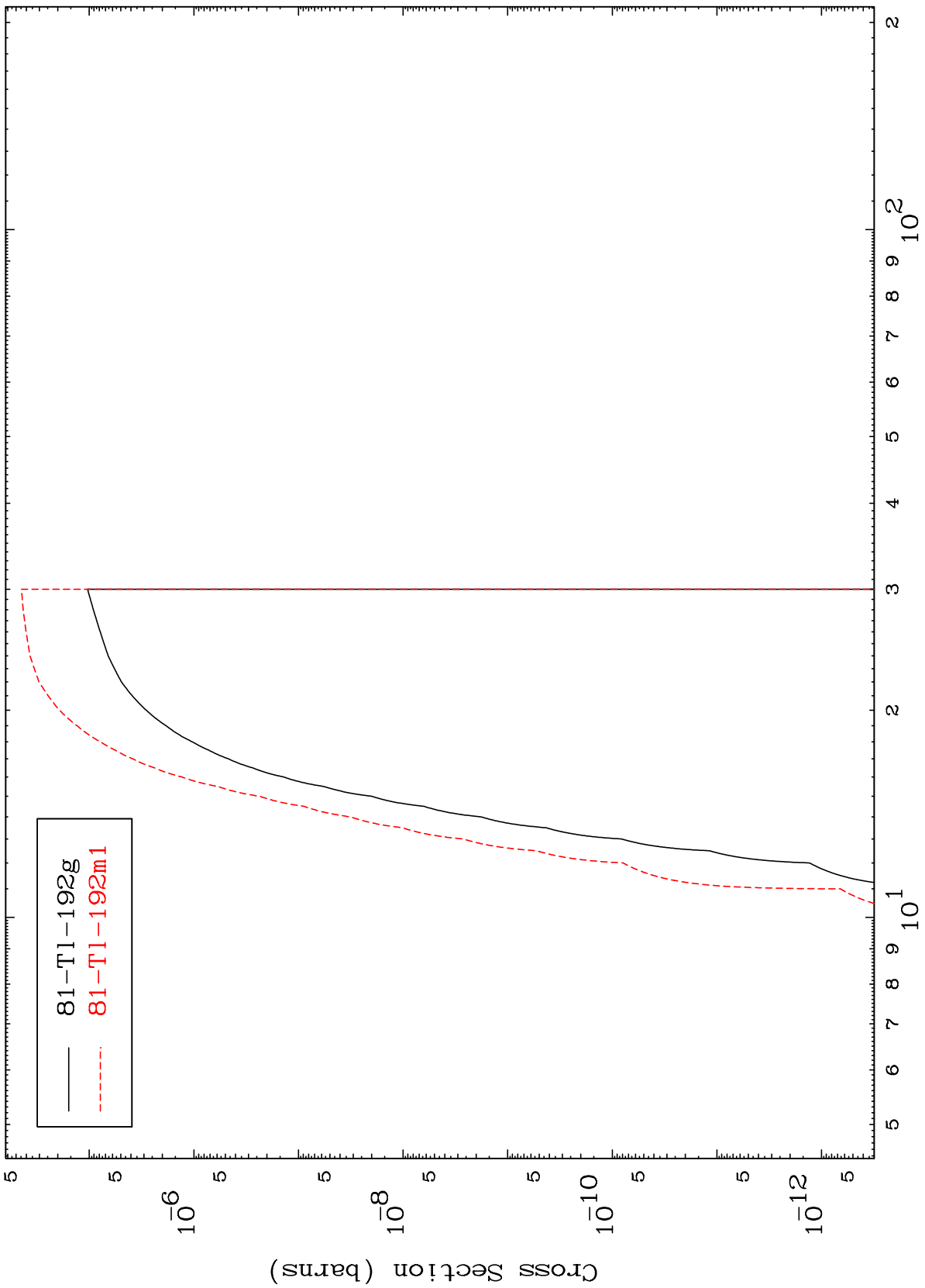
83-Bi-194n

Incident Energy (MeV)

MAT 8282

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

$(\text{n}, 2\text{p})$
Radionuclide Production Cross Section



27

Incident Energy (MeV)

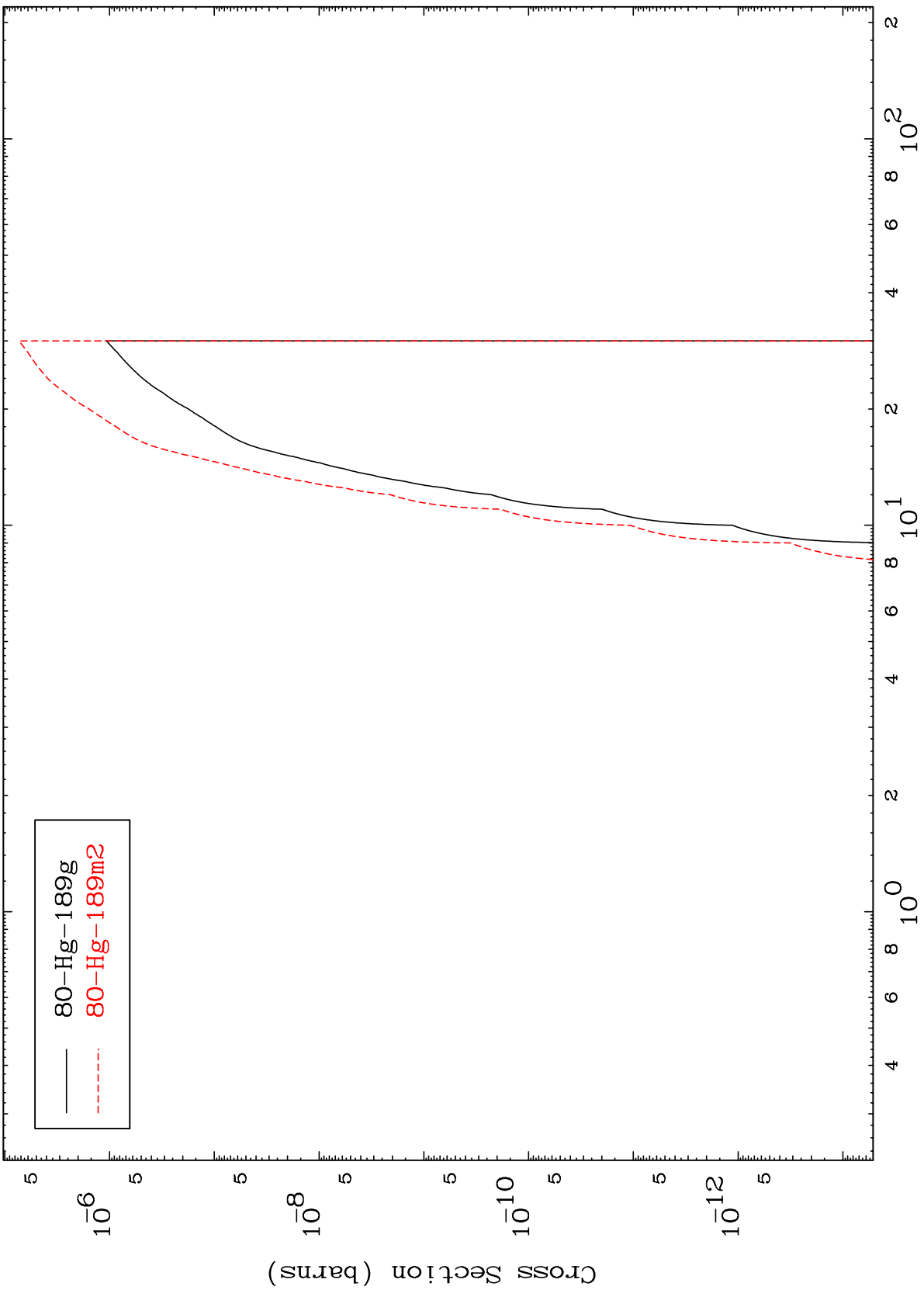
$^{83}\text{Bi}-194\text{n}$

MAT 8282

(n,p) α

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

Radionuclide Production Cross Section

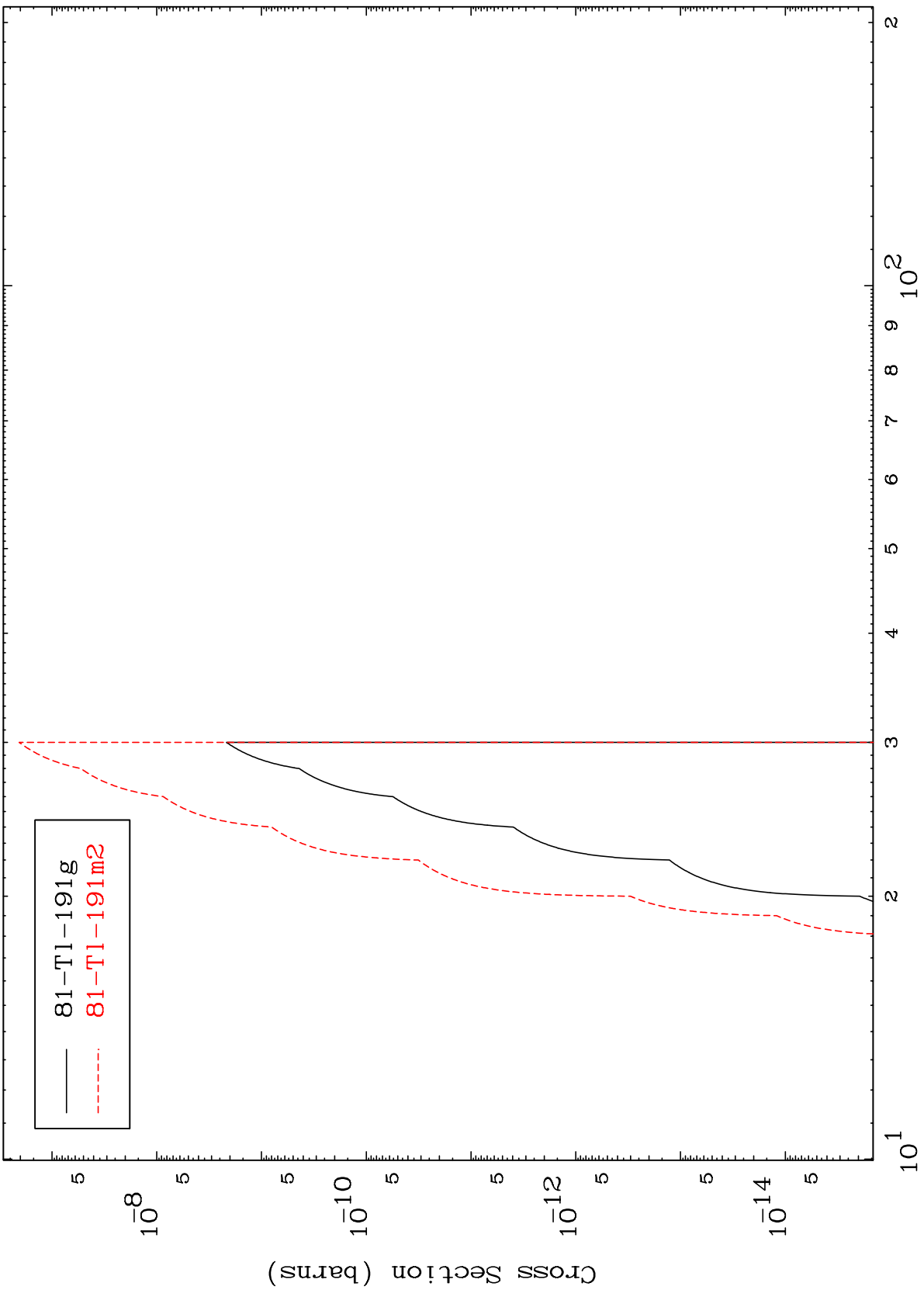


MAT 8282

(n,p) d

83-Bi-194n

Radionuclide Production Cross Section



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

Incident Energy (MeV)

83-Bi-194n

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