

Program EVALPLOT
(Version 2021-1)

by

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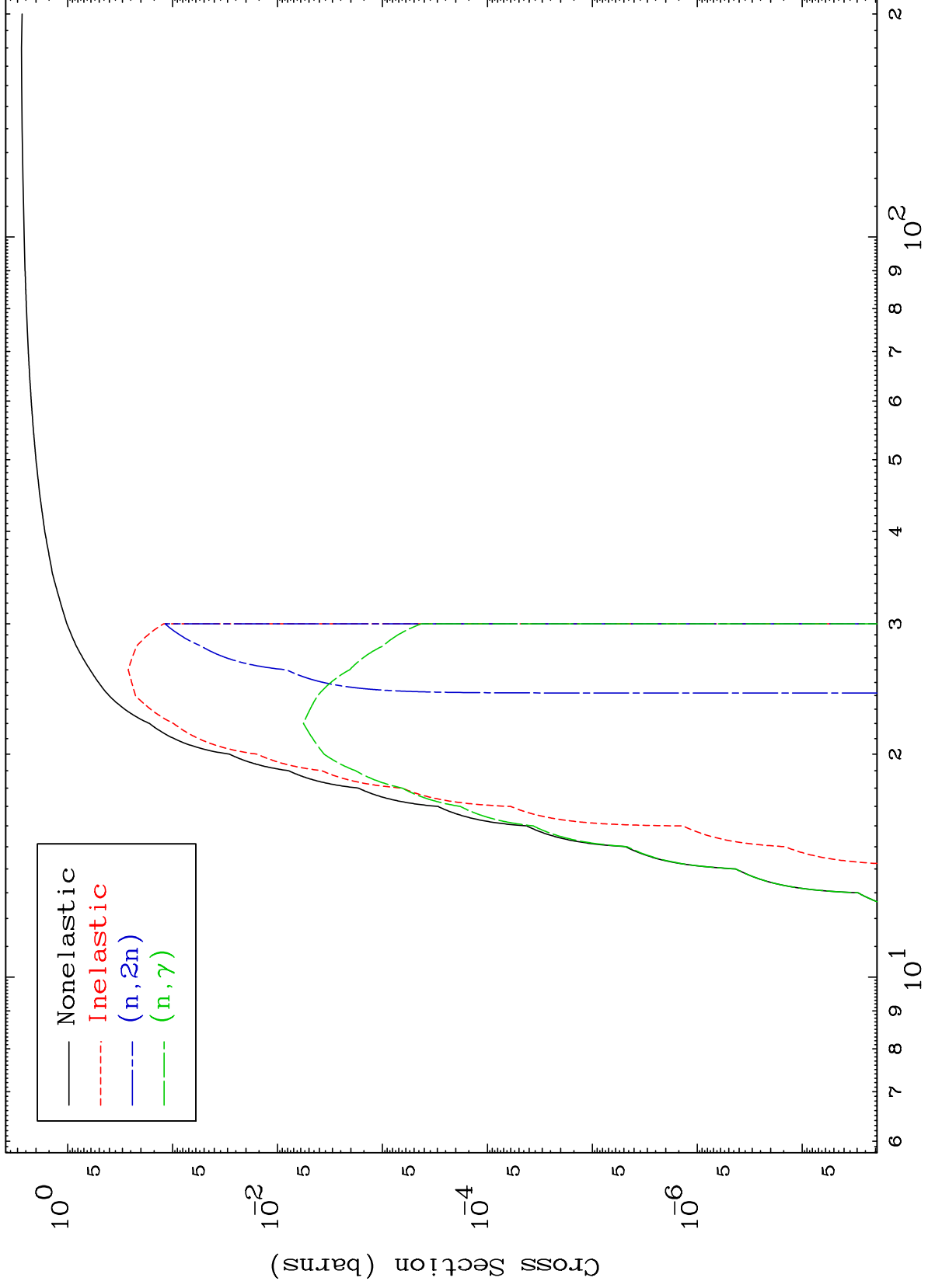
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8293

0 Kelvin Cross Sections

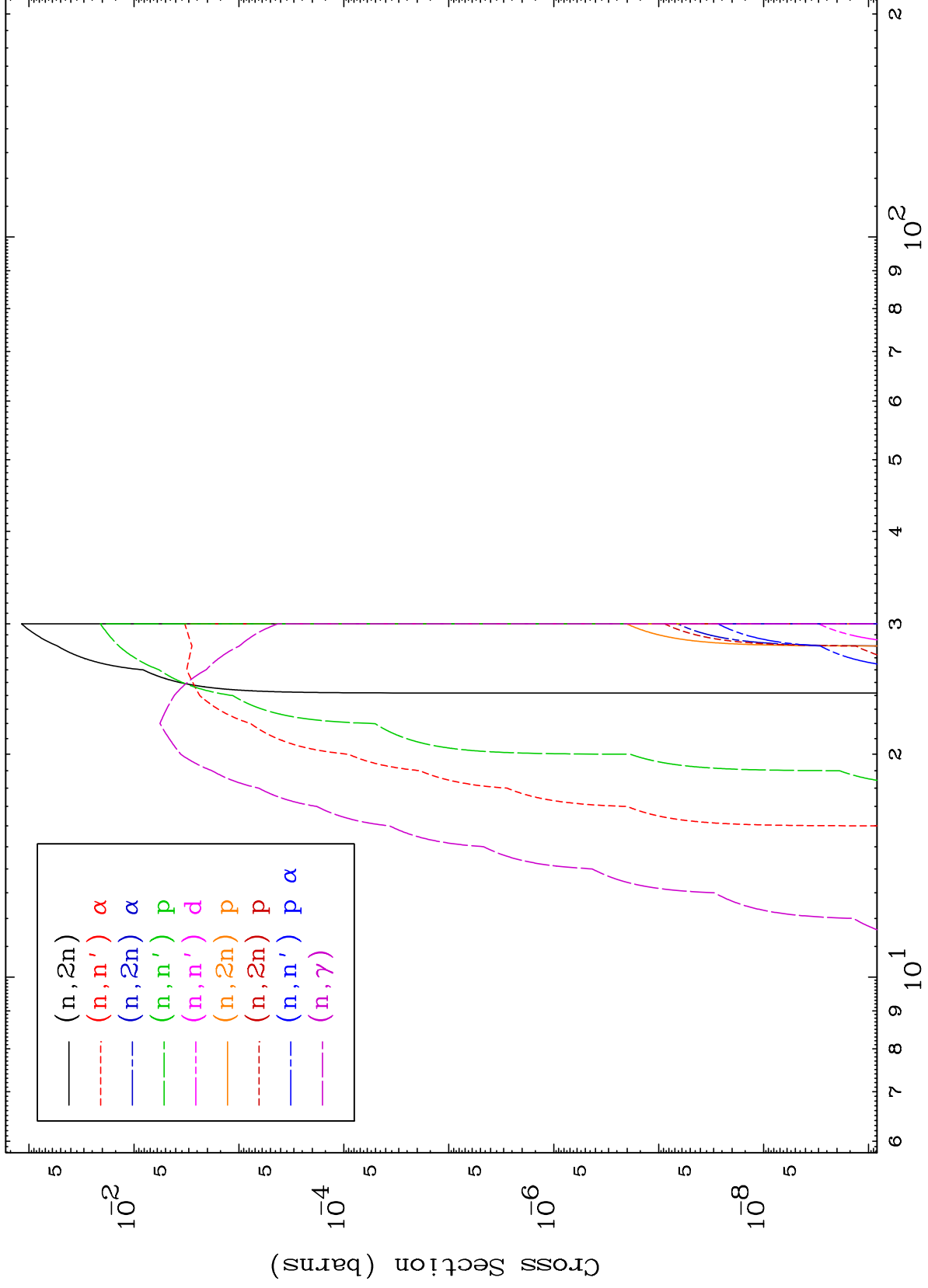
83-Bi-198m

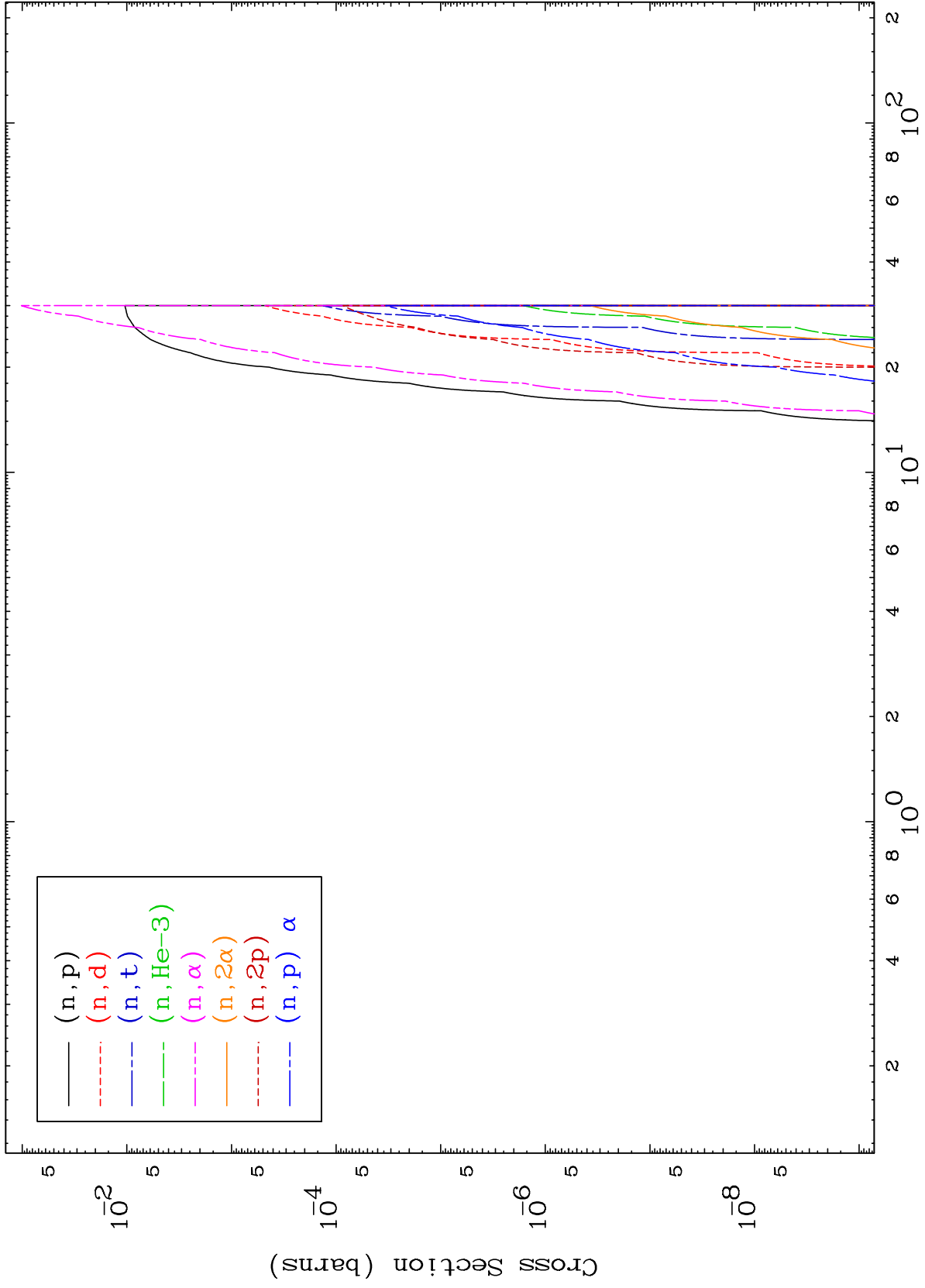


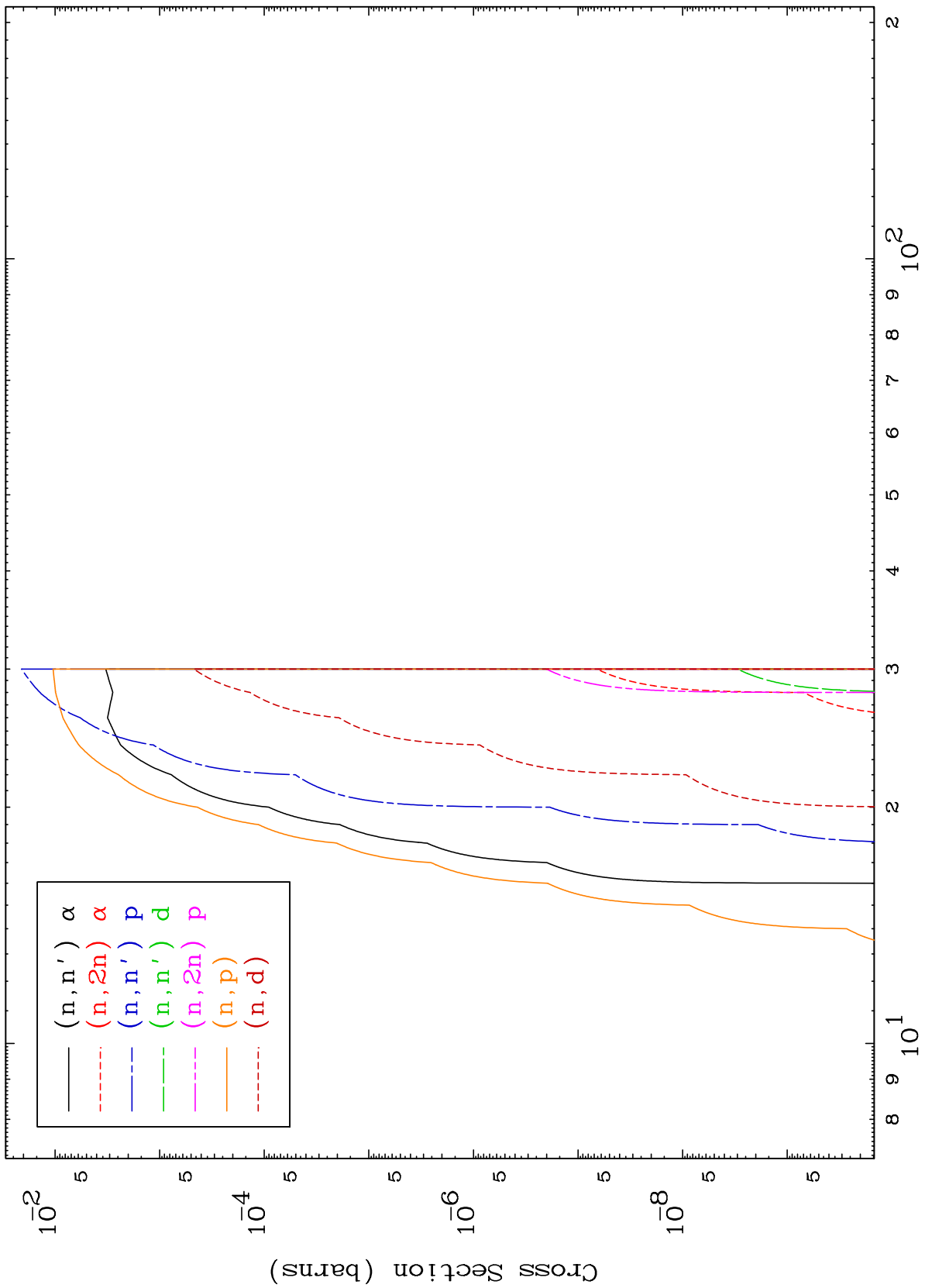
1

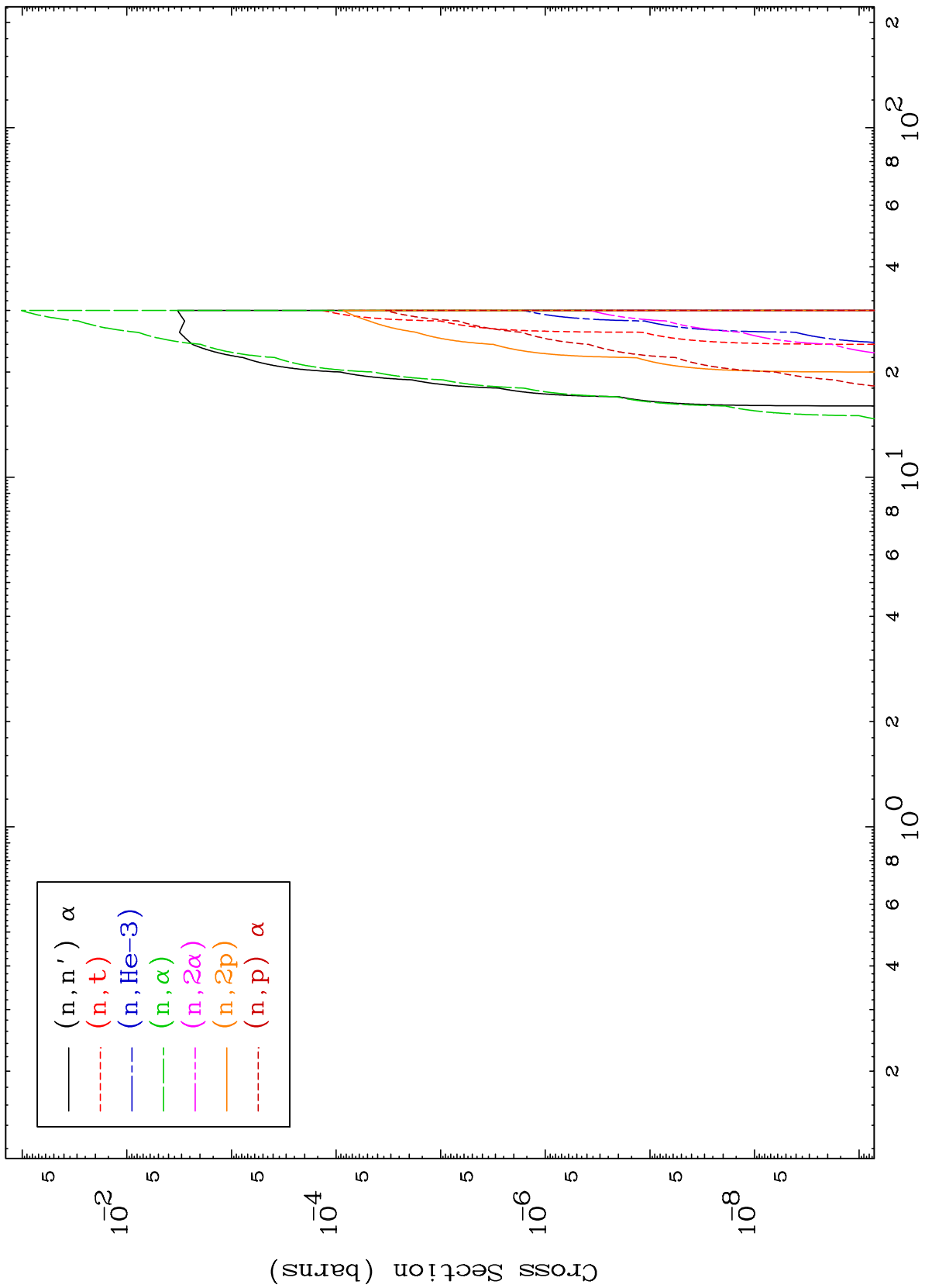
Incident Energy (MeV)

83-Bi-198m





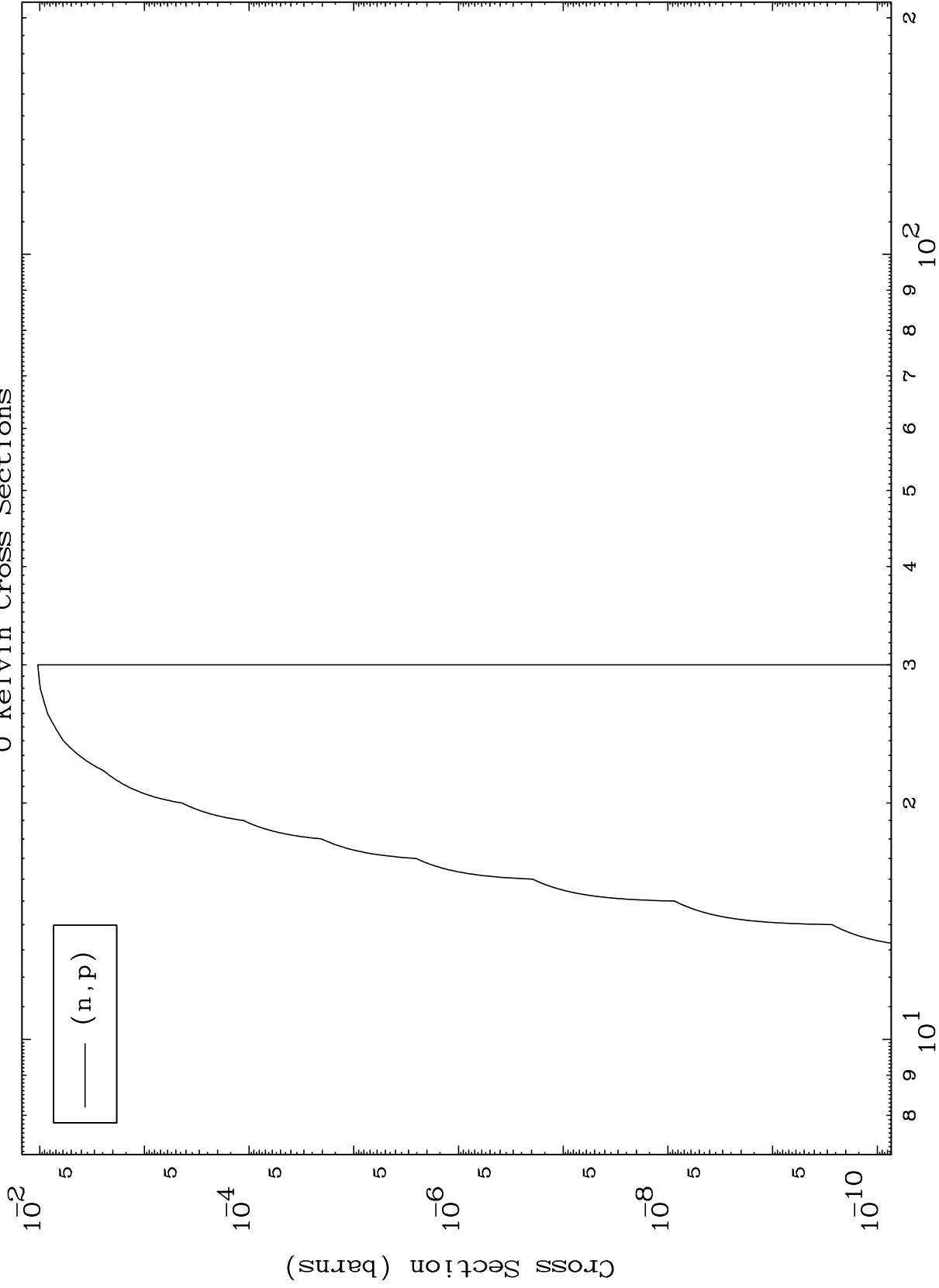




MAT 8293

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-198m



6

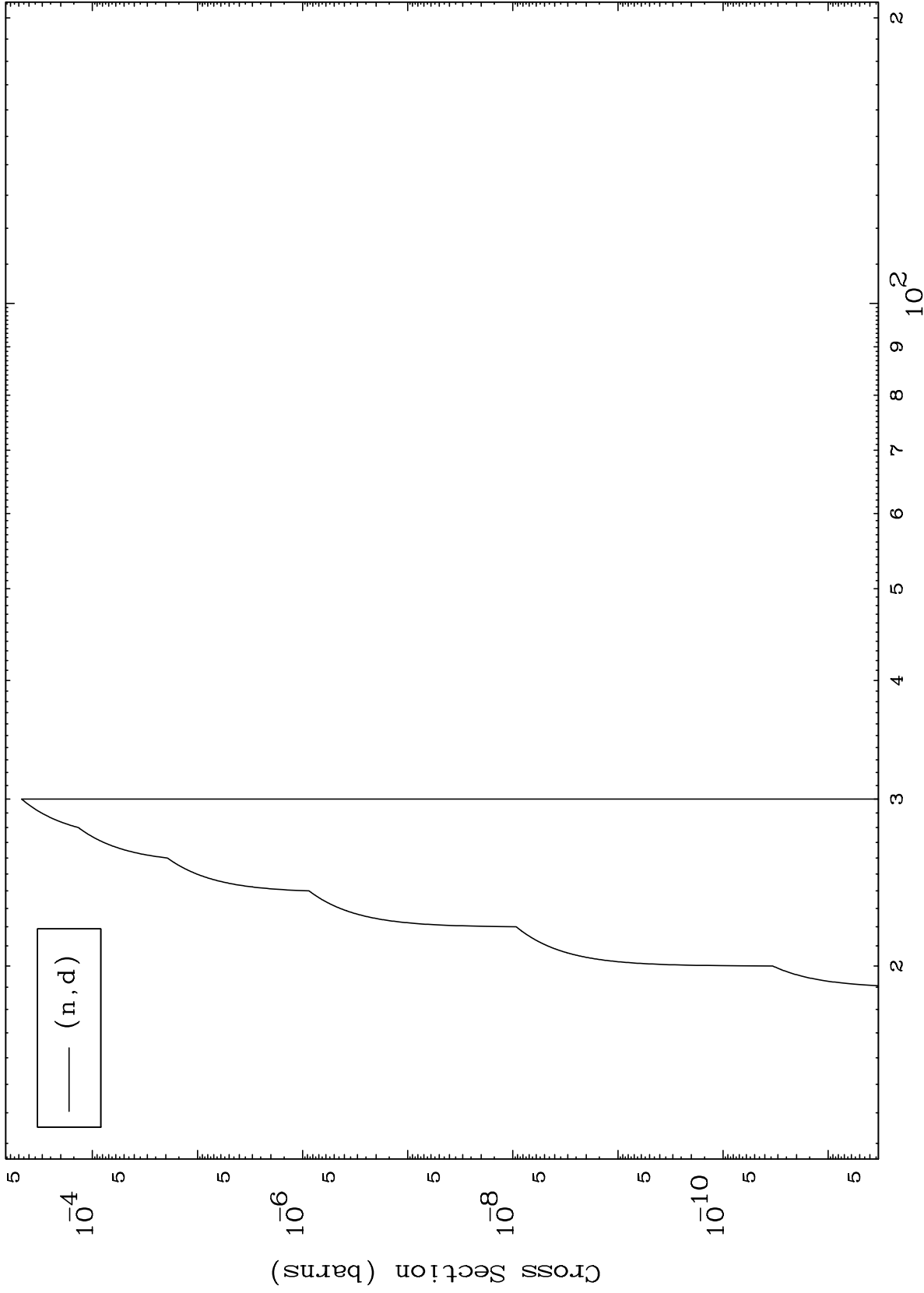
Incident Energy (MeV)

83-Bi-198m

MAT 8293

(α, d) Levels
0 Kelvin Cross Sections

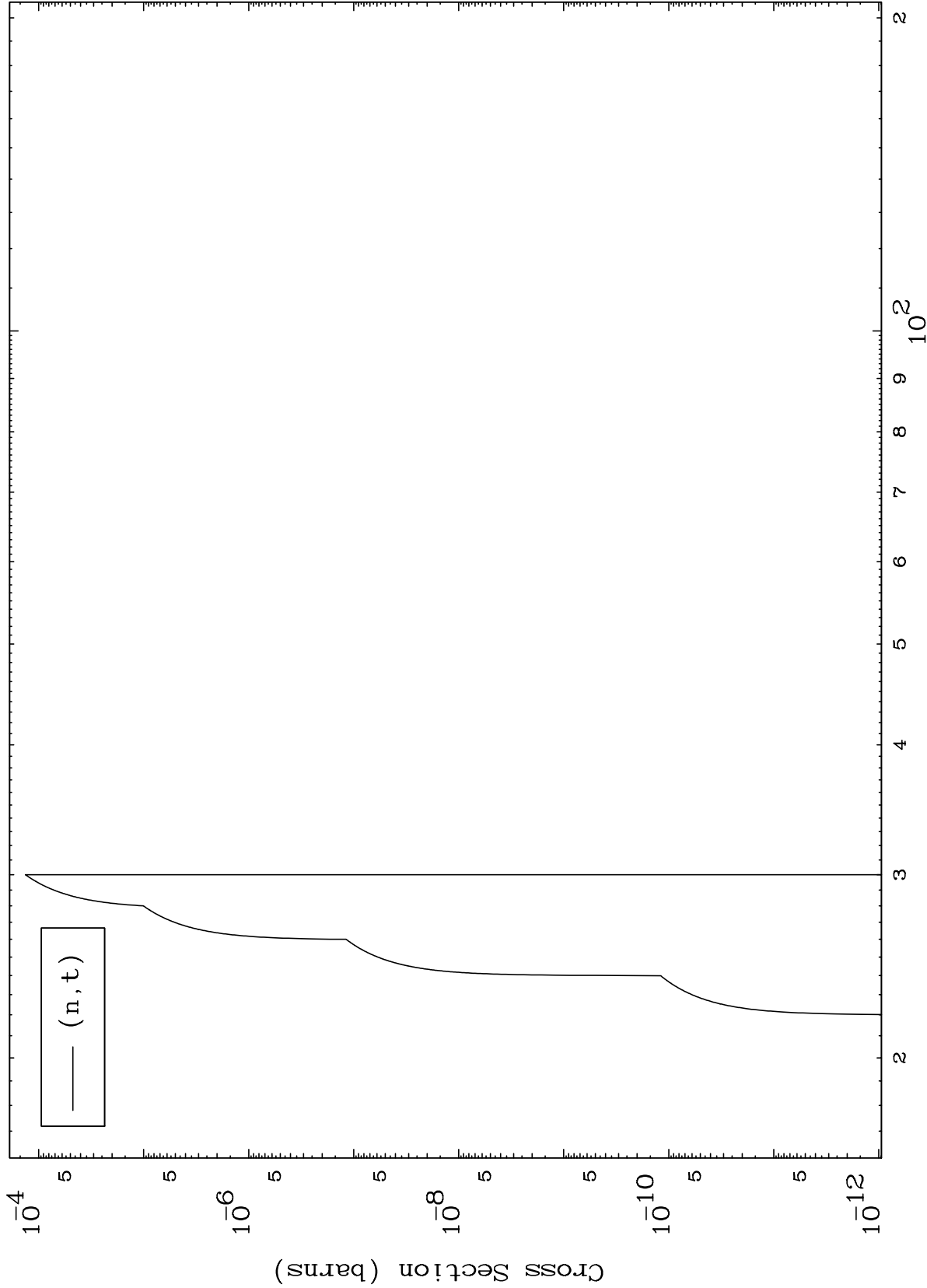
$^{83}\text{Bi}-198\text{m}$



MAT 8293

(α, t) Levels
0 Kelvin Cross Sections

83-Bi-198m

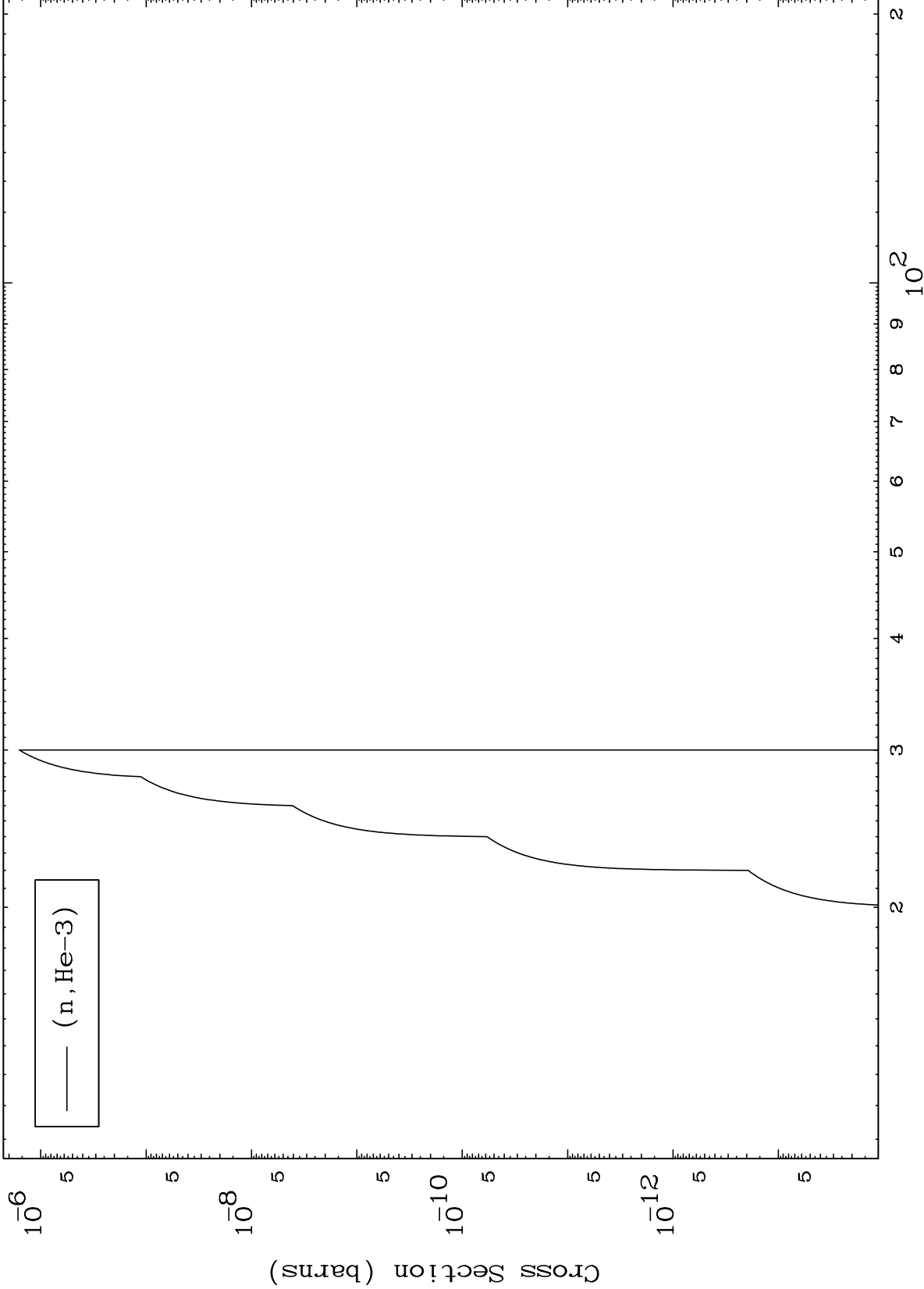


8

Incident Energy (MeV)

83-Bi-198m

0 Kelvin Cross Sections

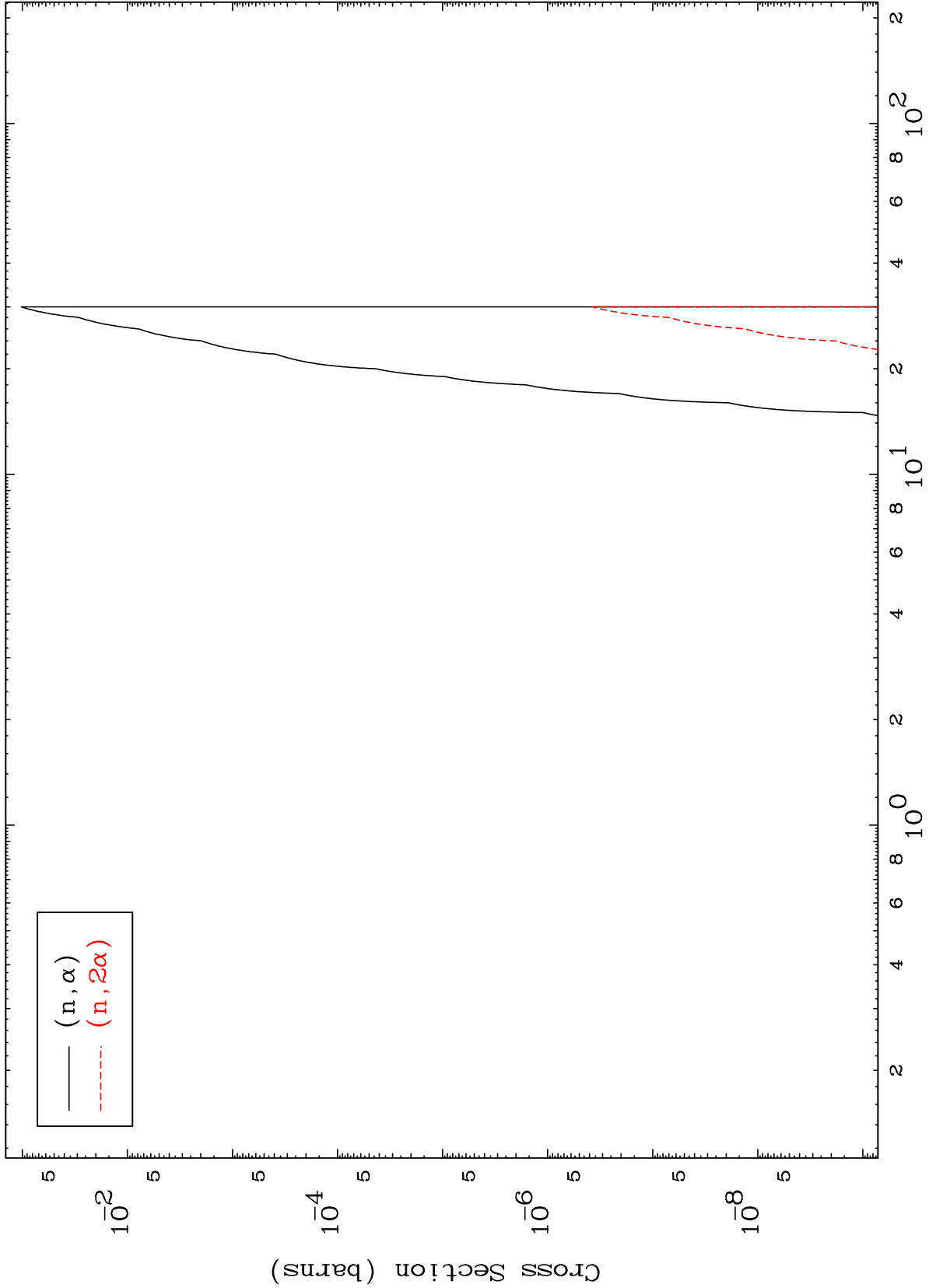


MAT 8293

(α, α) Levels

83-Bi-198m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

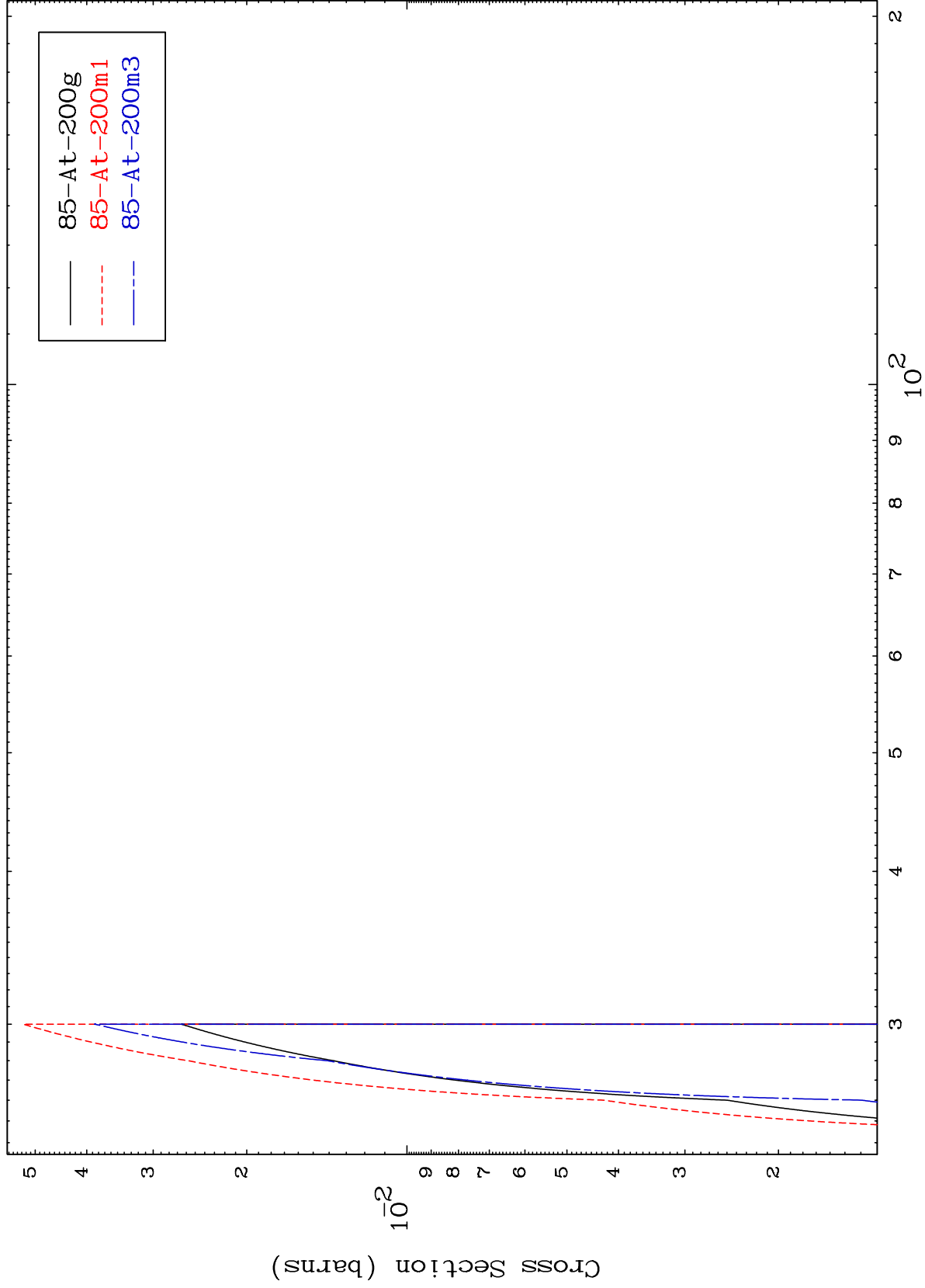
83-Bi-198m

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(n,2n)

83-Bi-198m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

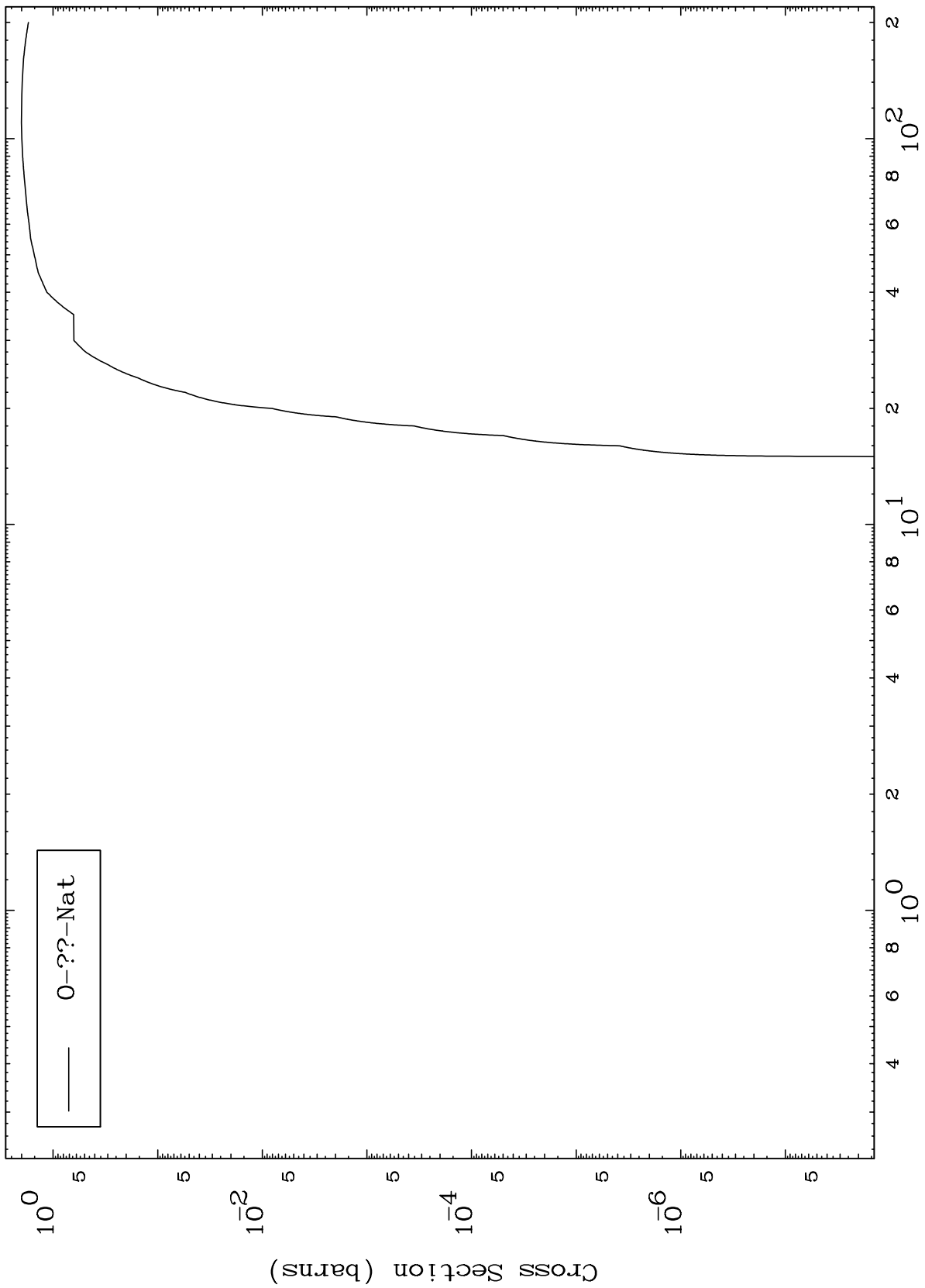
83-Bi-198m

MAT 8293

Fission

⁸³Bi-198m

Radionuclide Production Cross Section

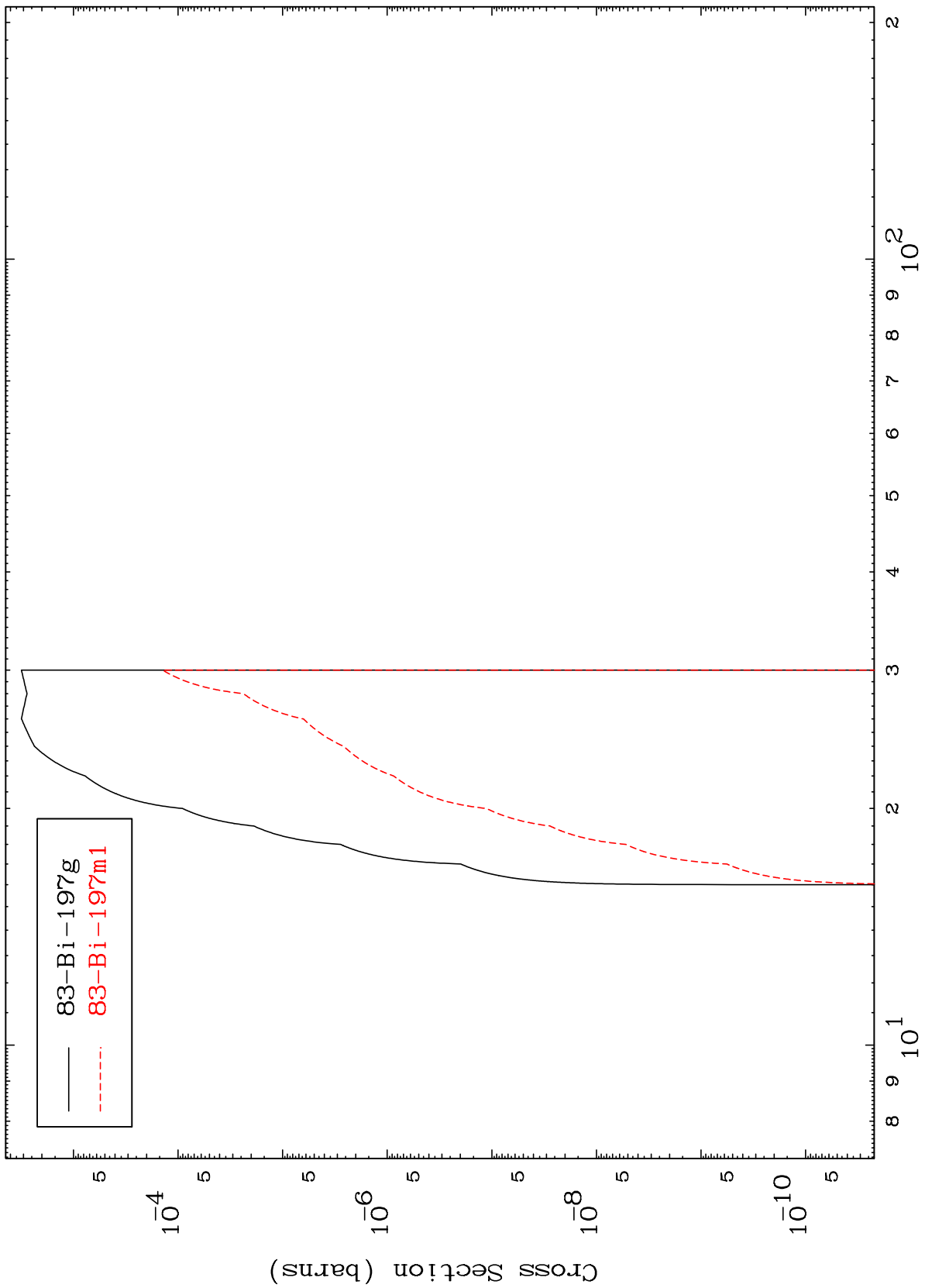


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$(n, n') \alpha$

$^{83}\text{Bi}-198\text{m}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

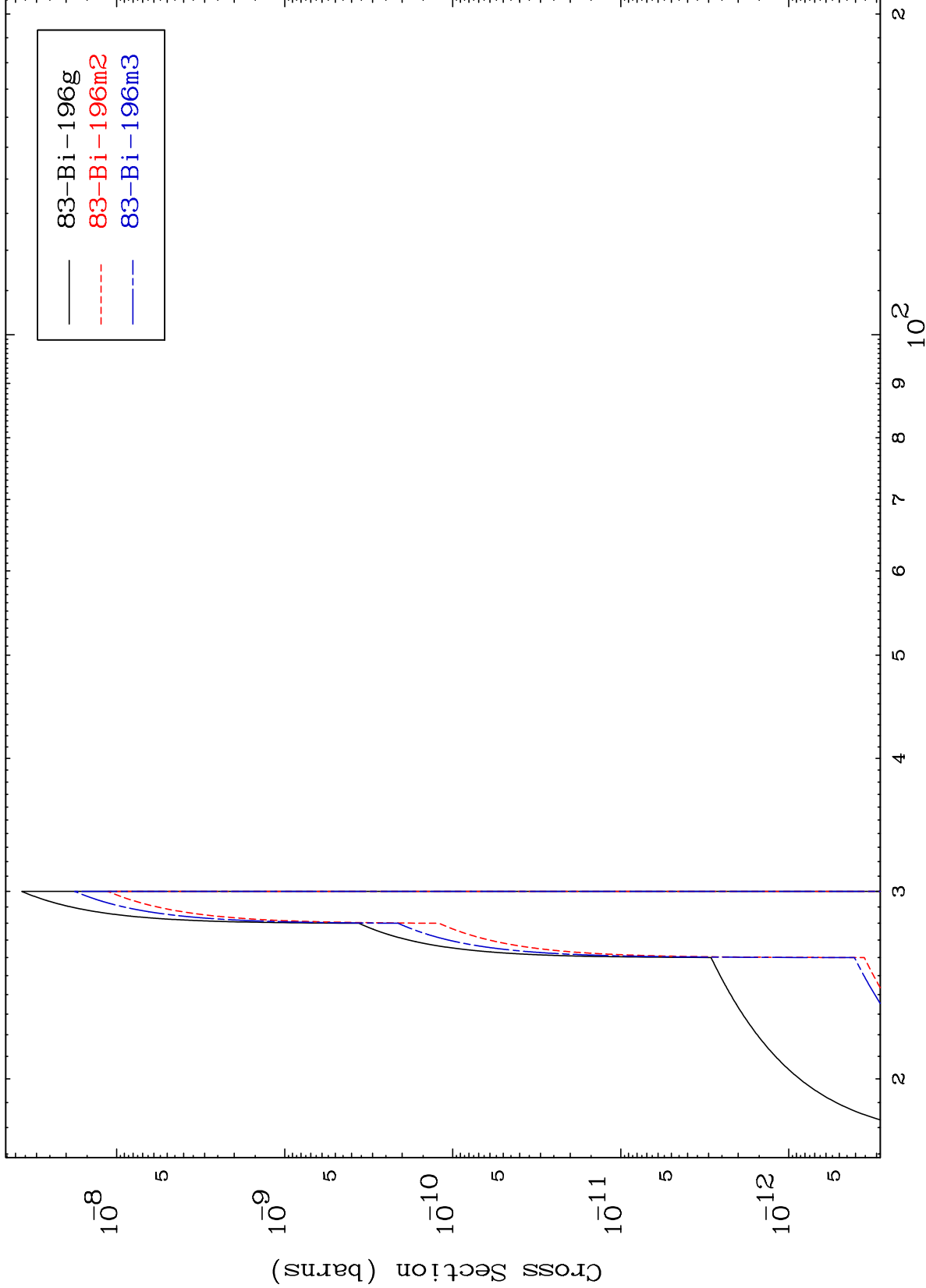
$^{83}\text{Bi}-198\text{m}$

MAT 8293

$(n,2n) \alpha$

83-Bi-198m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

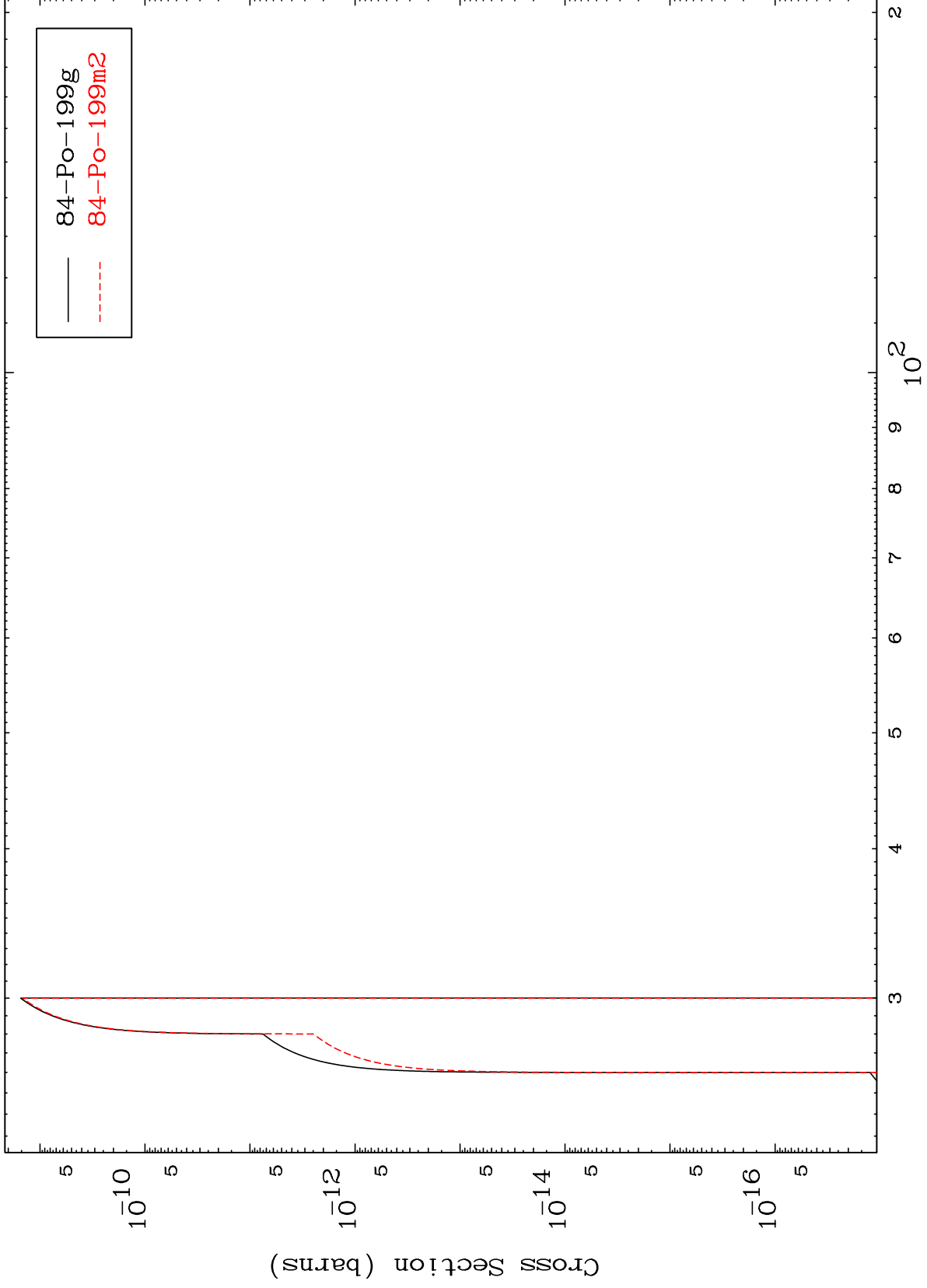
83-Bi-198m

MAT 8293

(n,n') d

83-Bi-198m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

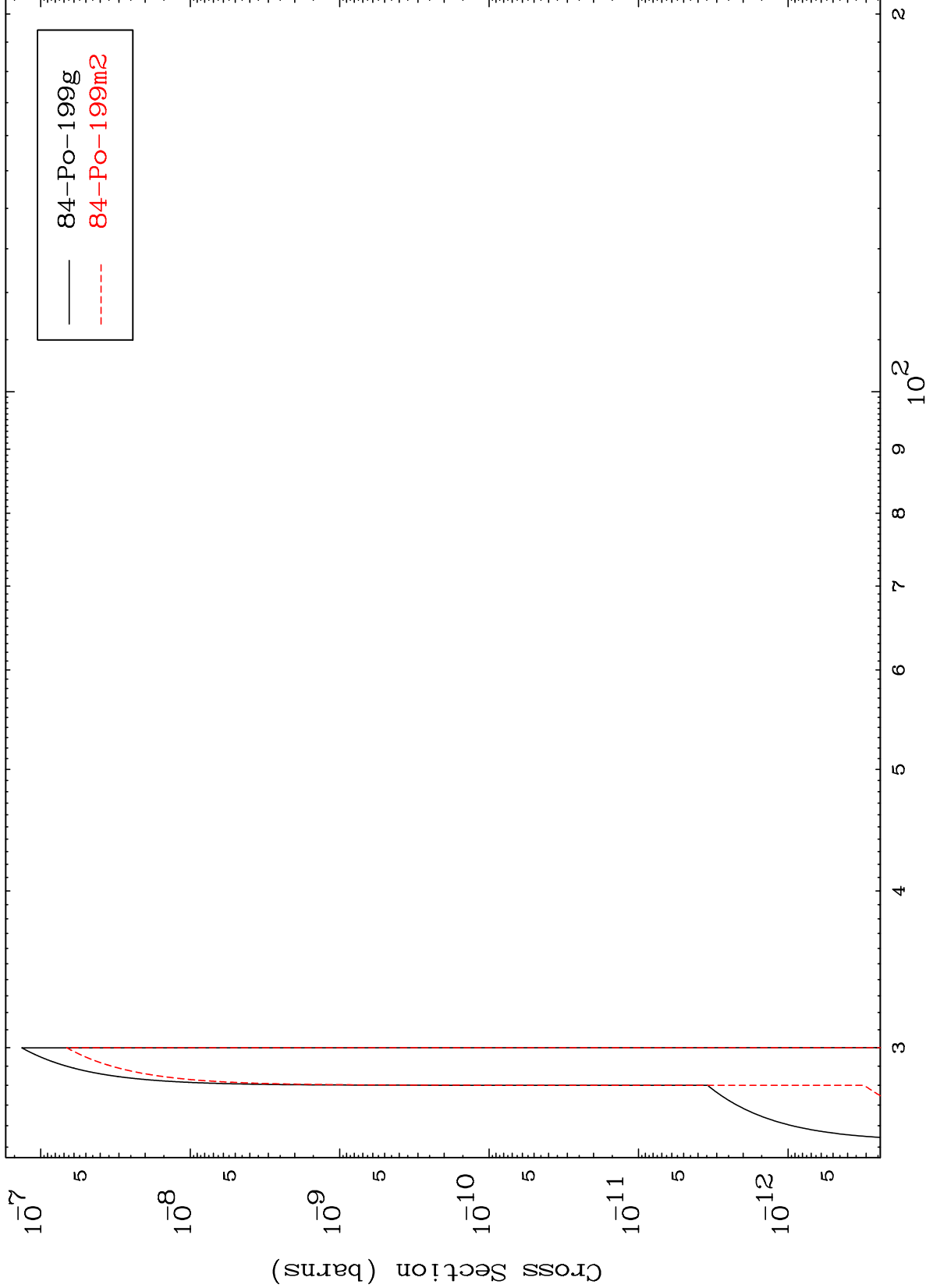
83-Bi-198m

MAT 8293

(n,2n) p

83-Bi-198m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

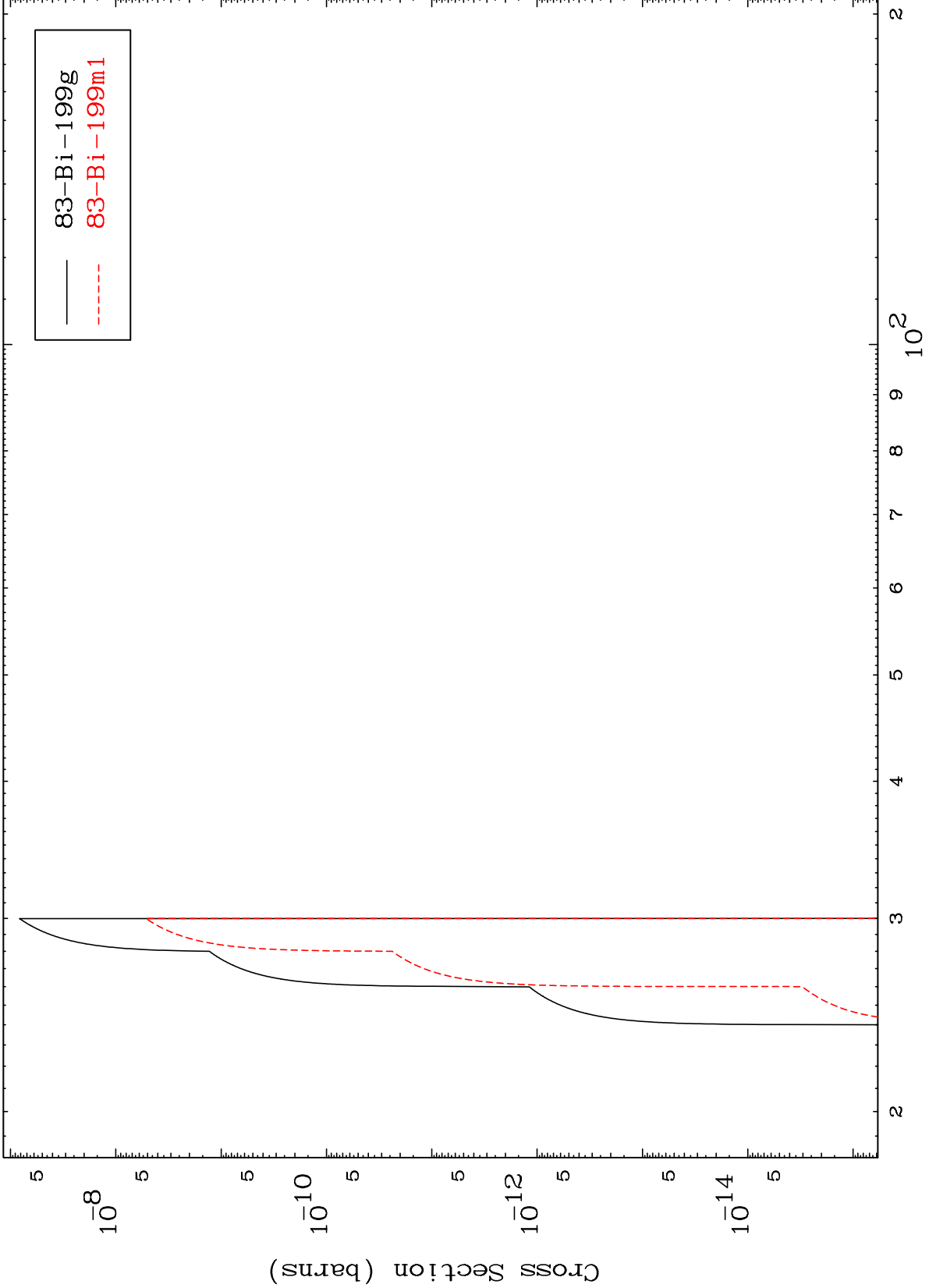
83-Bi-198m

MAT 8293

$(n,2n)$ p

$^{83}\text{Bi}-198\text{m}$

Radionuclide Production Cross Section



17

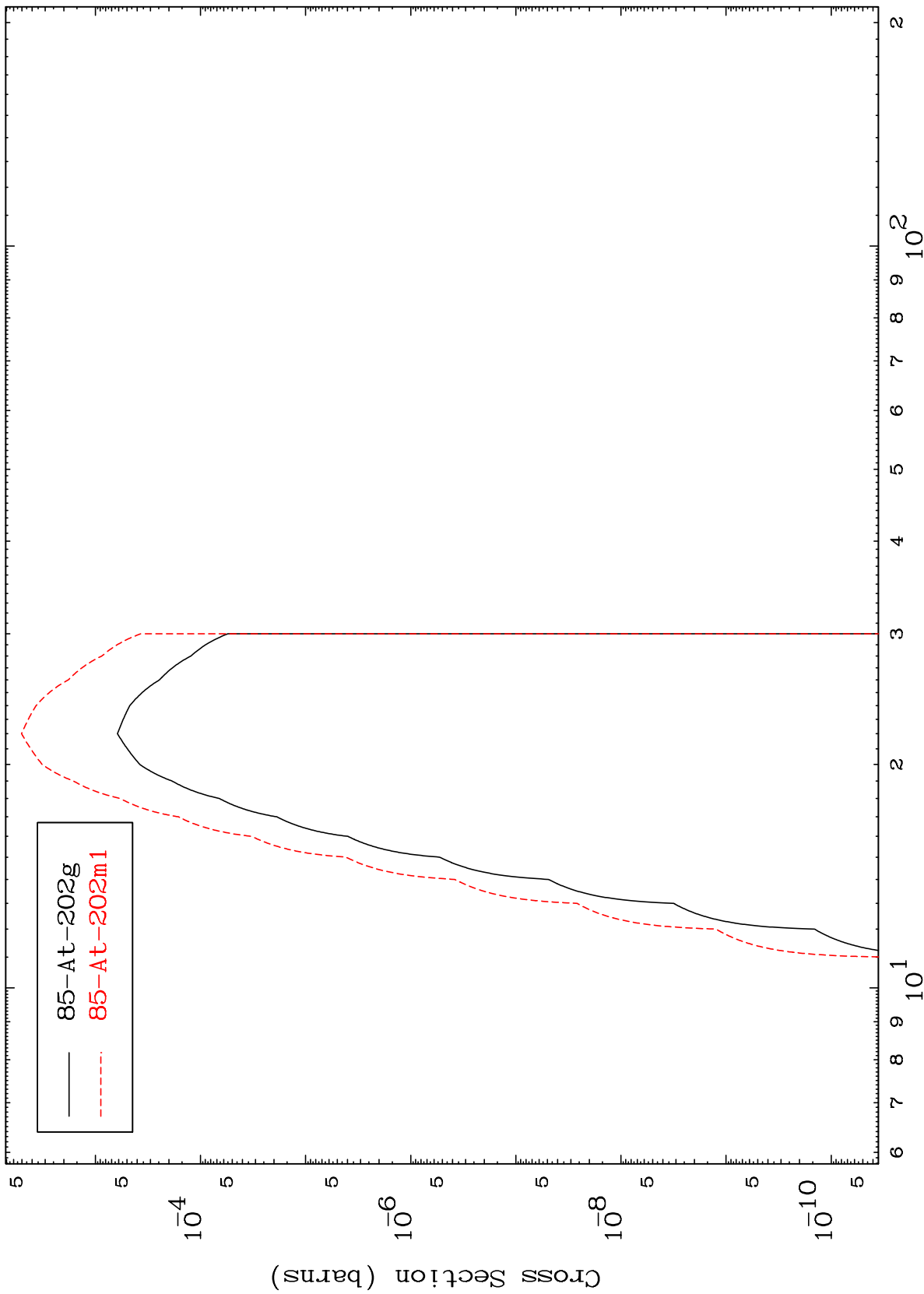
Incident Energy (MeV)

$^{83}\text{Bi}-198\text{m}$

MAT 8293

⁸³Bi-198m

Radionuclide Production Cross Section (n,γ)



— 85-At-202g
- - - 85-At-202m1

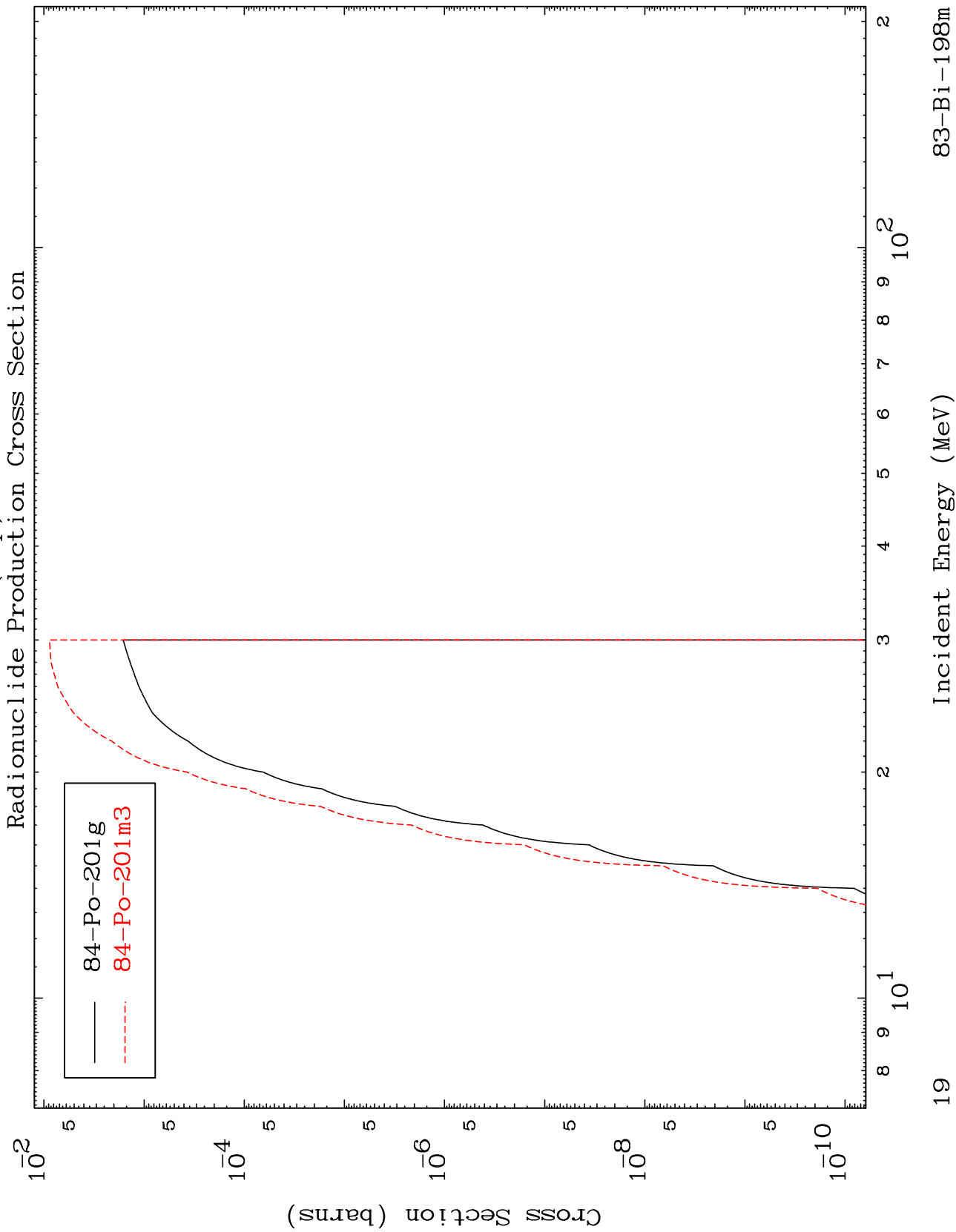
⁸³Bi-198m

Incident Energy (MeV)

18

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83-Bi-198m



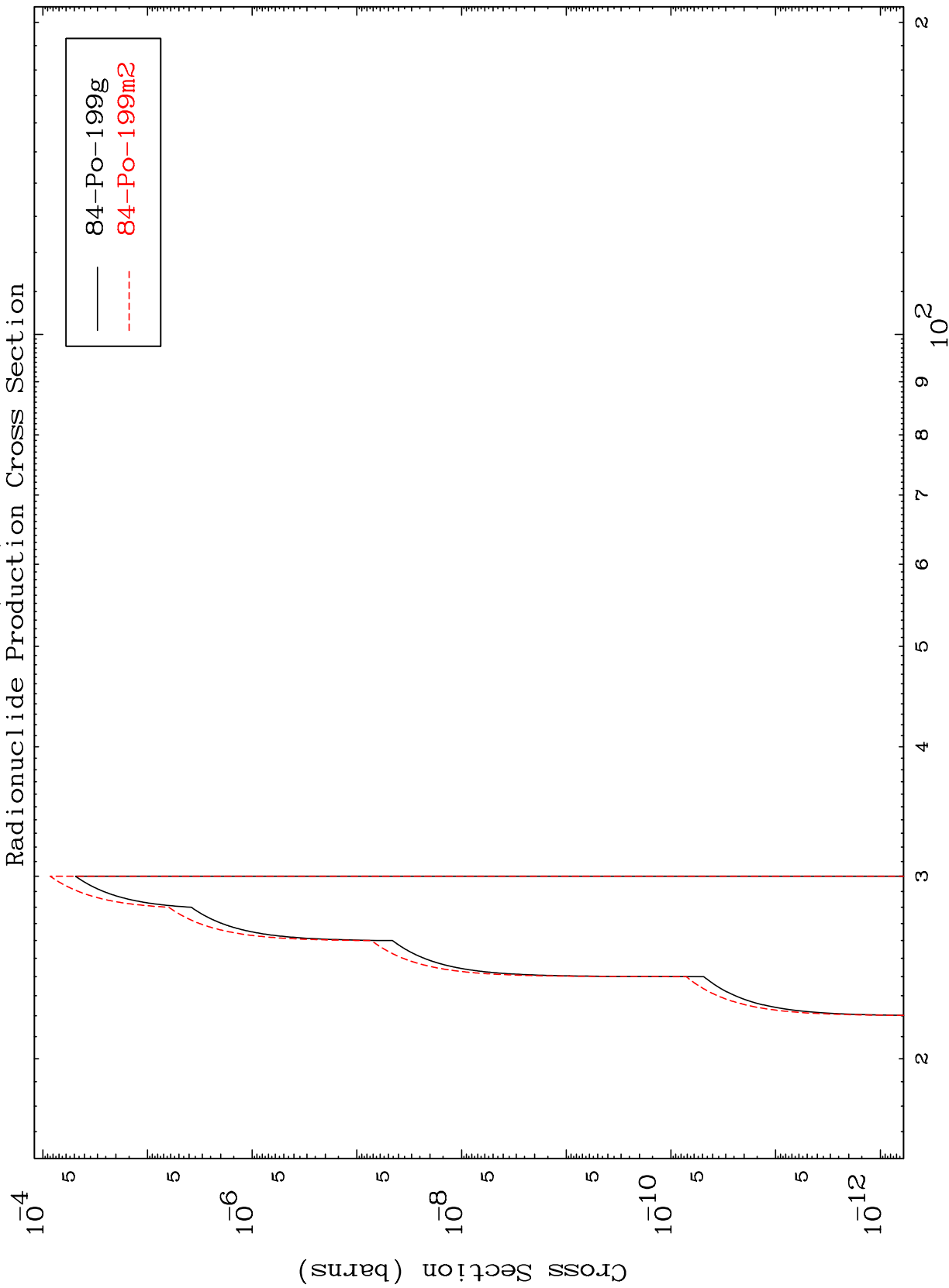
19

83-Bi-198m

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83-Bi-198m

(n, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

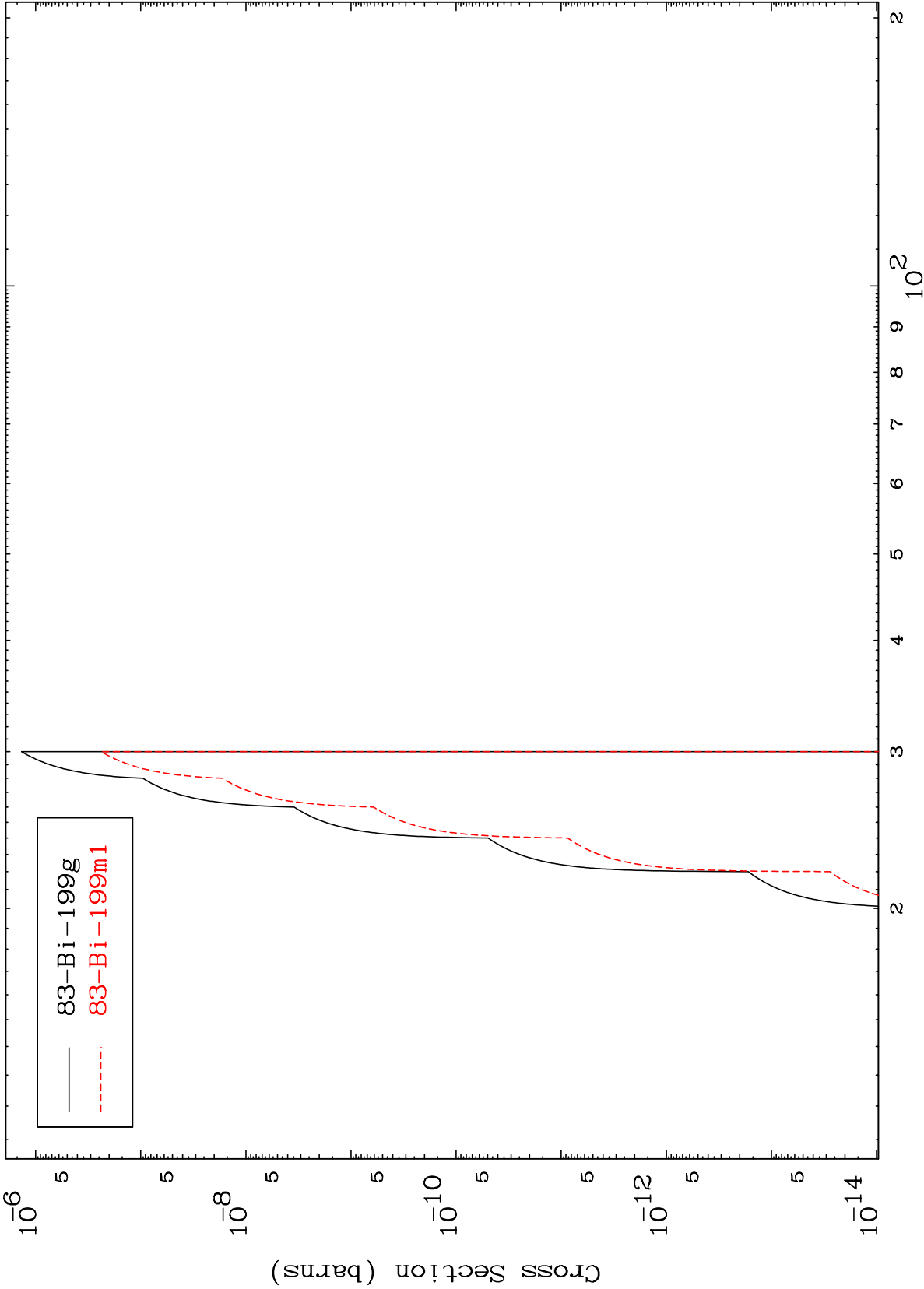
83-Bi-198m

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(n,He-3)

83-Bi-198m

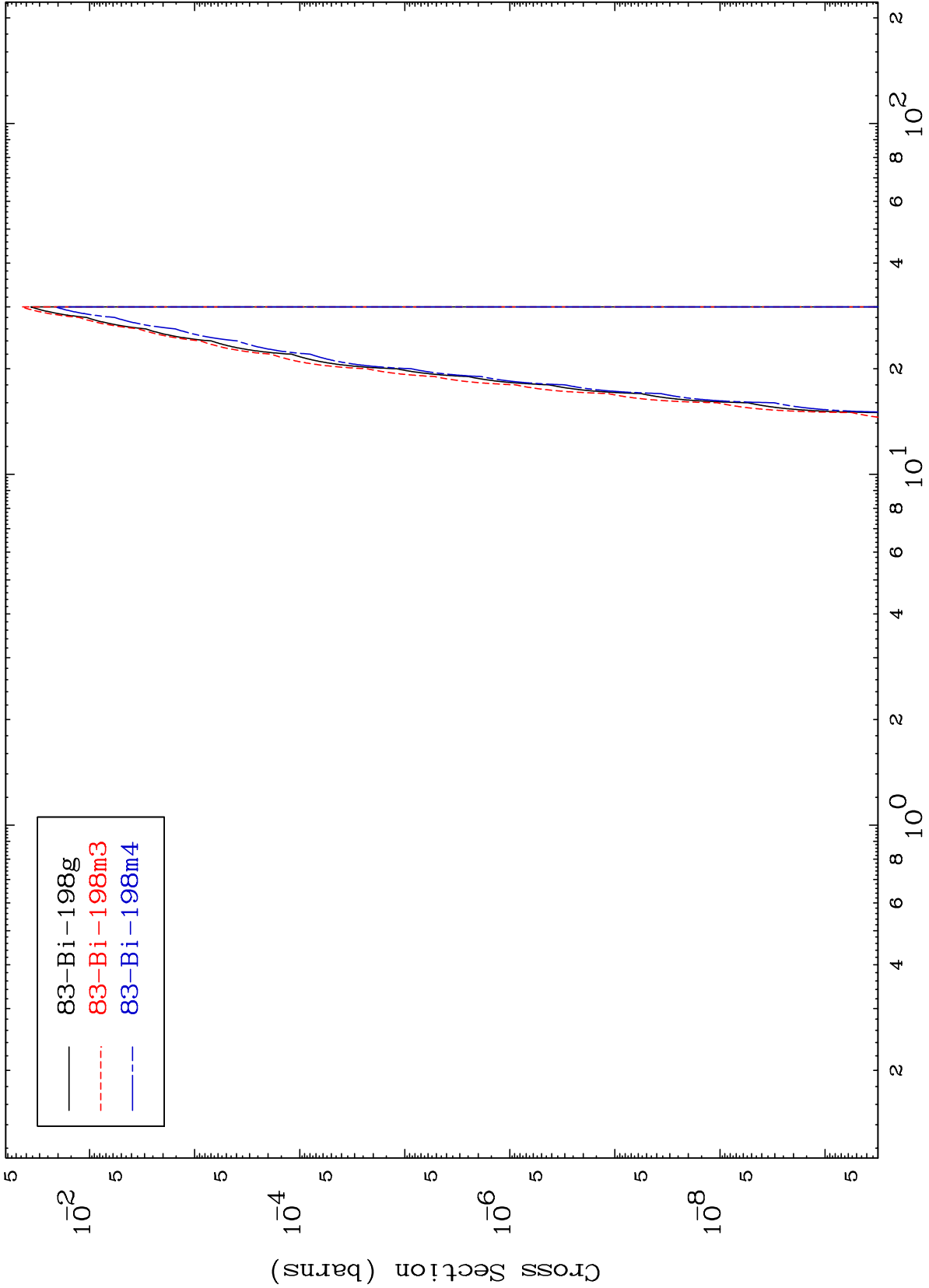
Radionuclide Production Cross Section



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83-Bi-198m

Radionuclide Production Cross Section
(n, α)

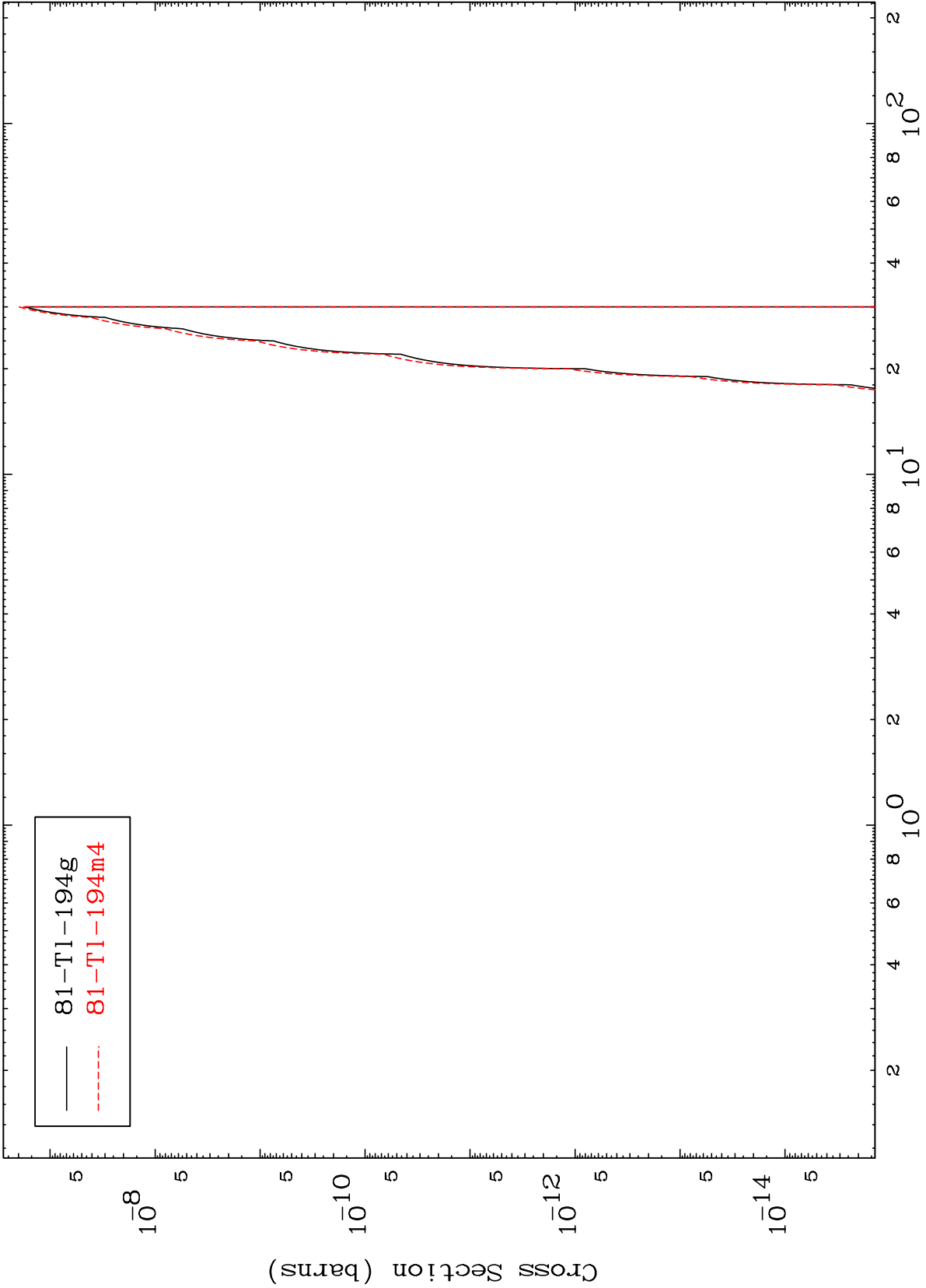


MAT 8293

(n,2α)

83-Bi-198m

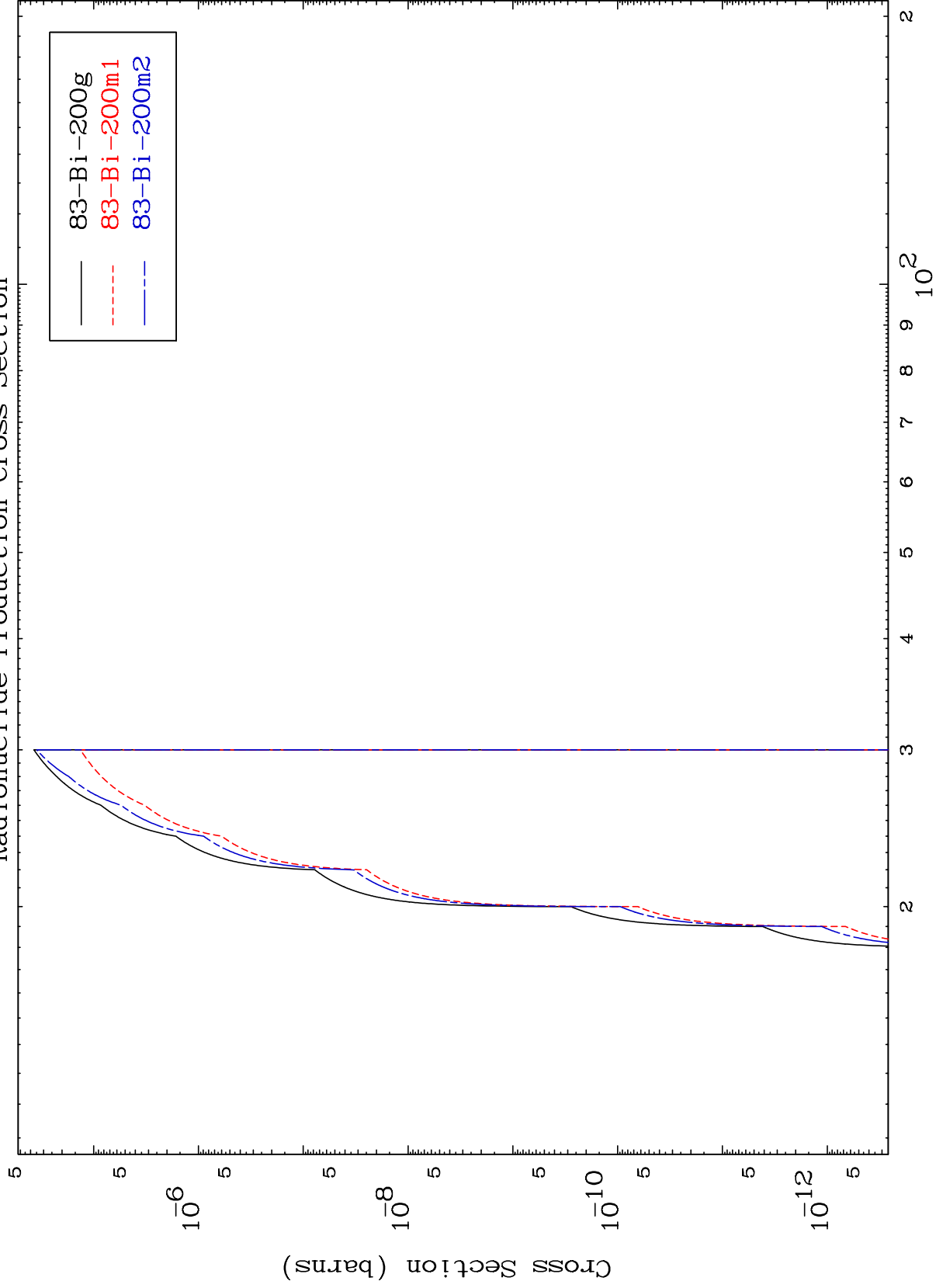
Radionuclide Production Cross Section



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^{83}Bi -198m

Radionuclide Production Cross Section
(n,2p)



24

Incident Energy (MeV)

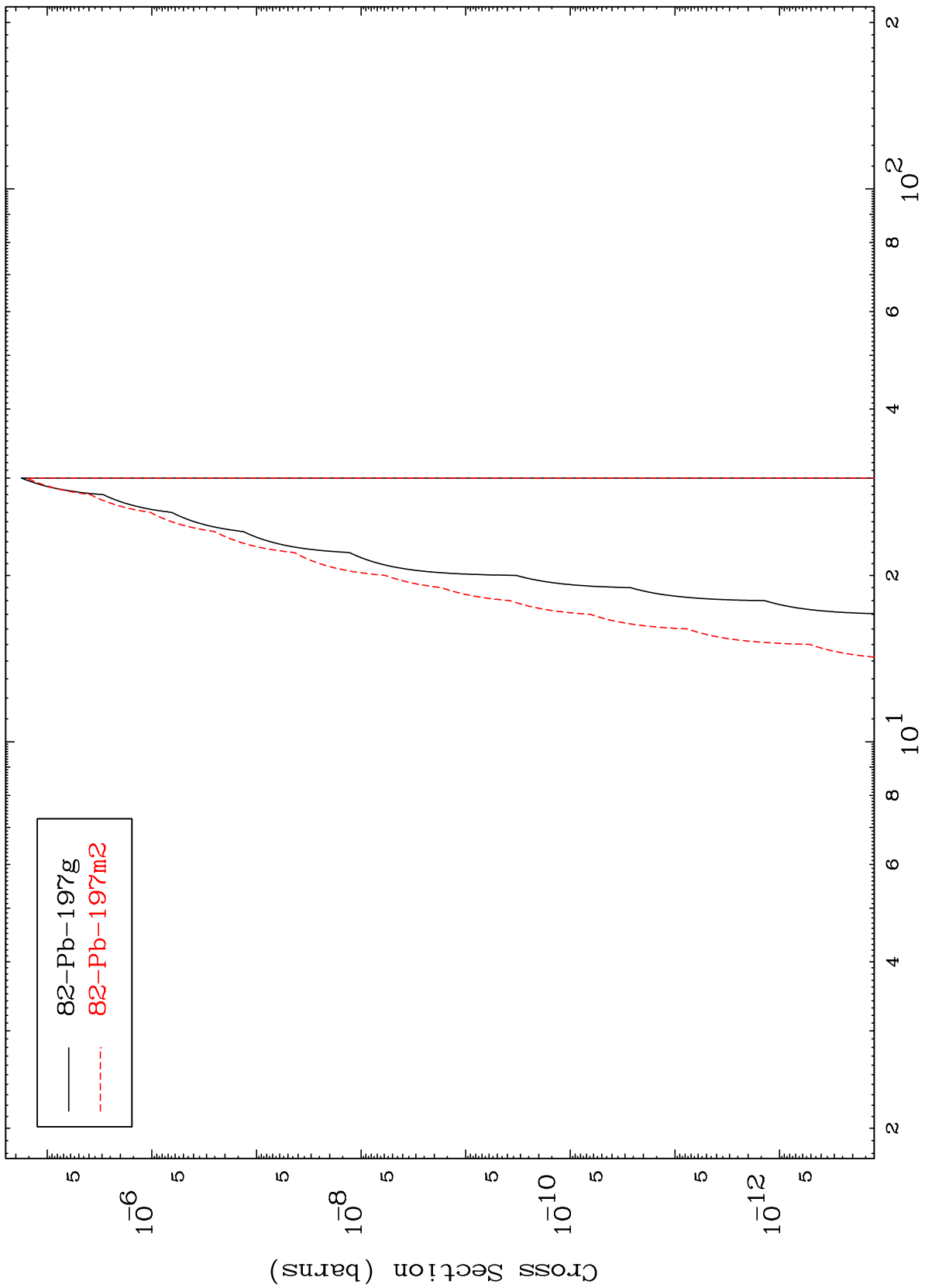
^{83}Bi -198m

MAT 8293

(n,p) α

⁸³Bi-198m

Radionuclide Production Cross Section



— 82-Pb-197g
- - - 82-Pb-197m2

25

Incident Energy (MeV)

⁸³Bi-198m