

Program EVALPLOT
(Version 2021-1)

by

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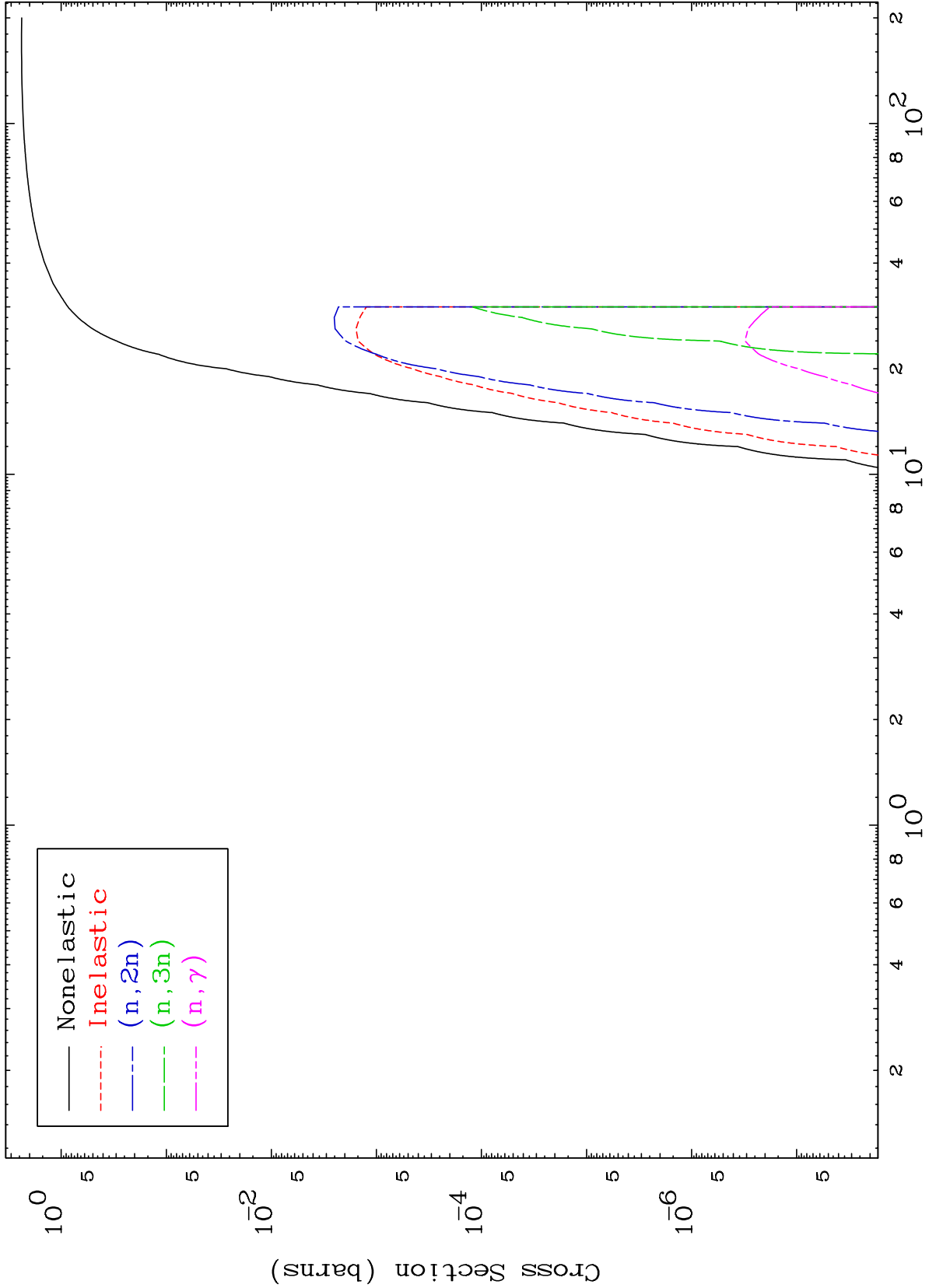
Press Mouse Button to Start

MAT 8293

He-3 Major

83-Bi-198m

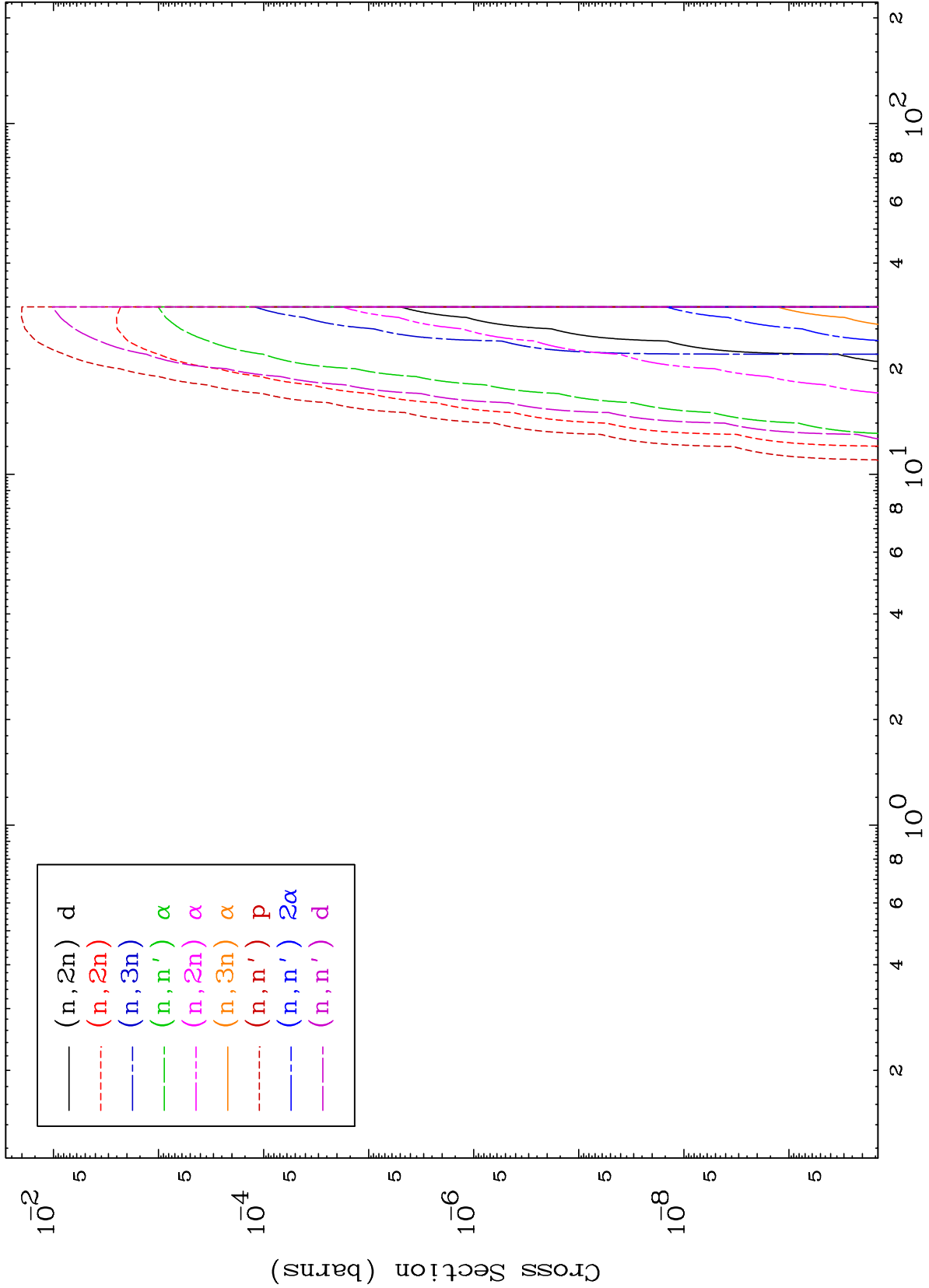
0 Kelvin Cross Sections



MAT 8293

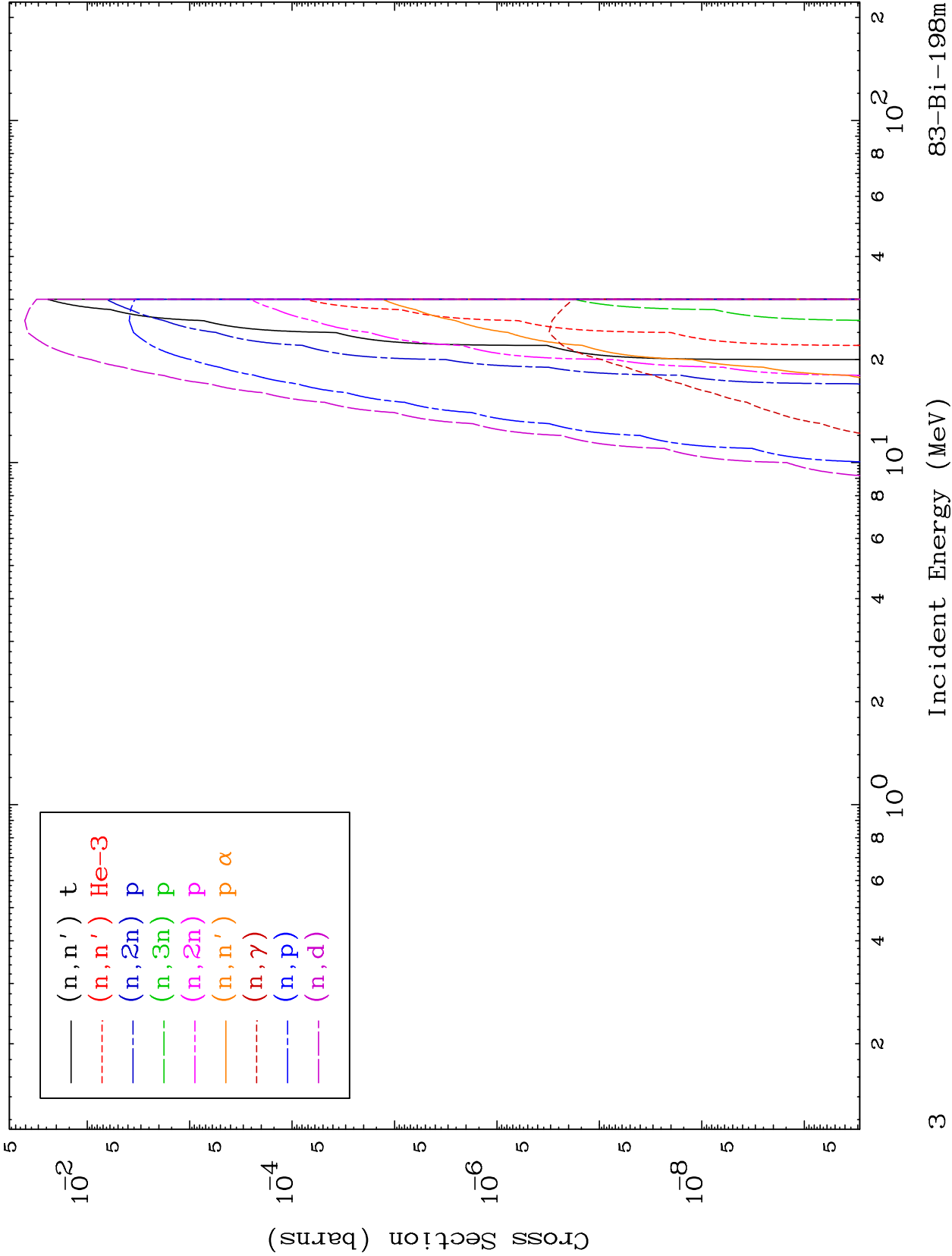
He-3 Neutron Absorption
0 Kelvin Cross Sections

83-Bi-198m



83-Bi-198m

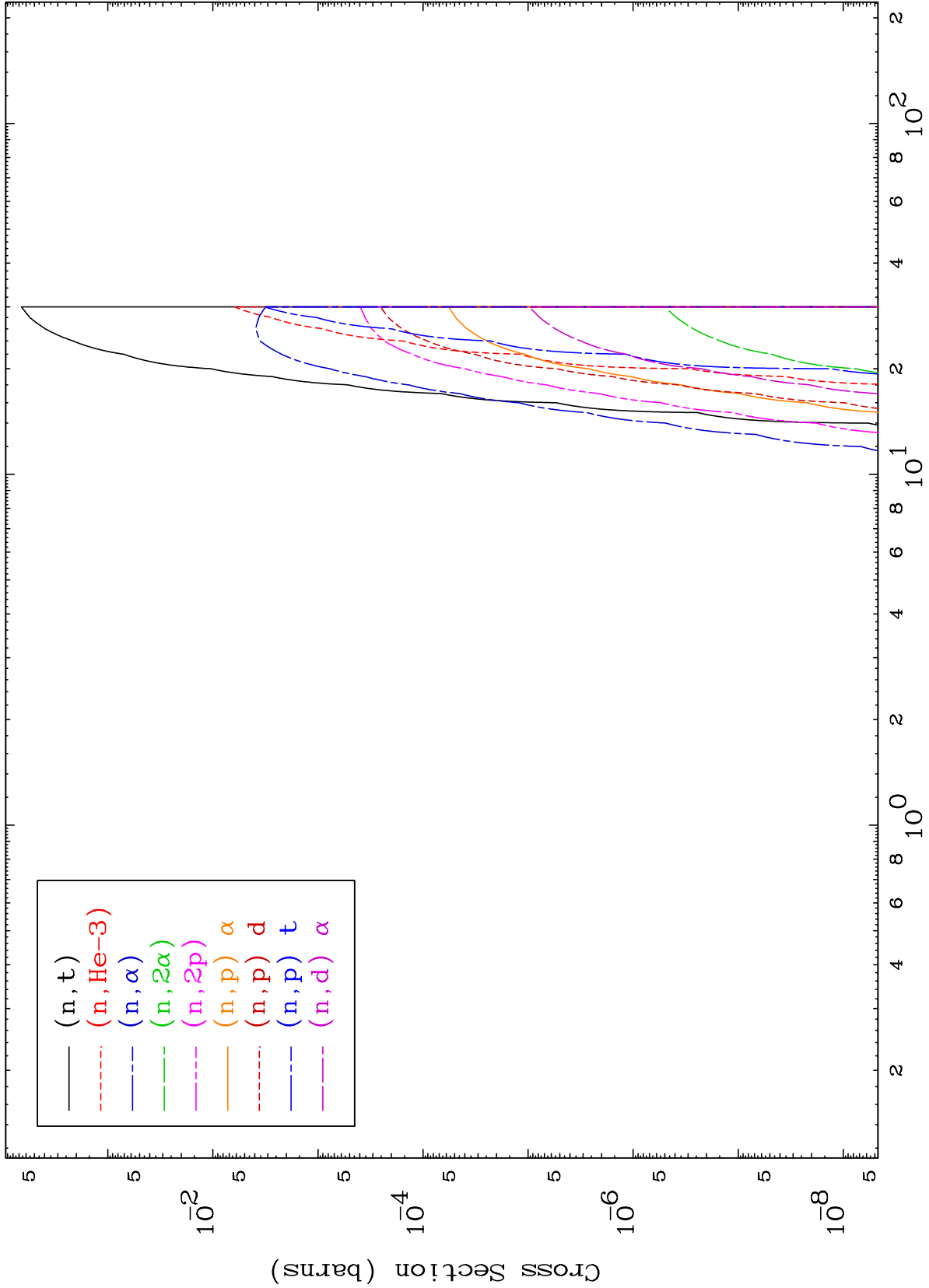
Incident Energy (MeV)



MAT 8293

He-3 Neutron Absorption
0 Kelvin Cross Sections

83-Bi-198m



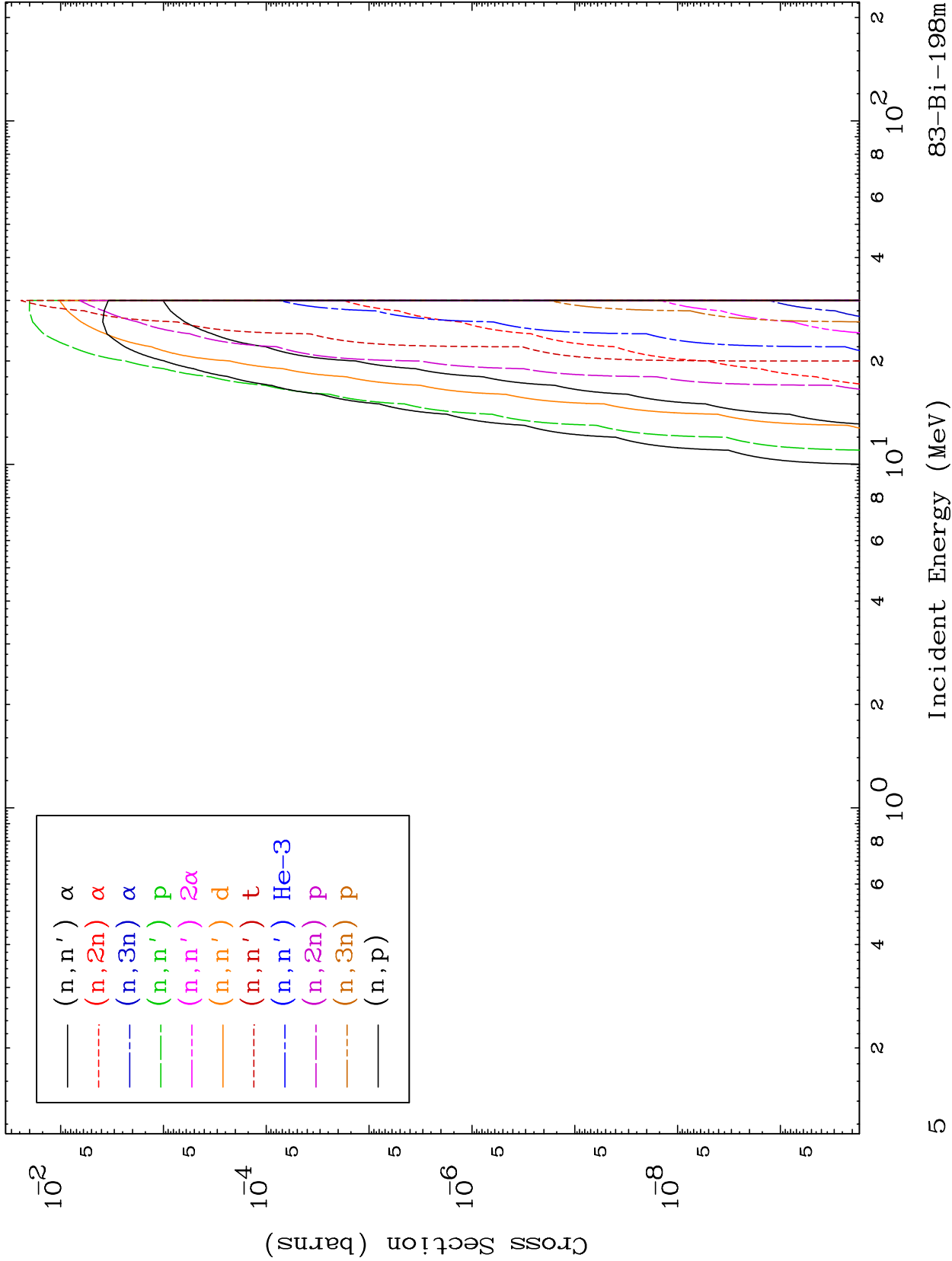
83-Bi-198m

Incident Energy (MeV)

MAT 8293

He-3 Charged Particle
0 Kelvin Cross Sections

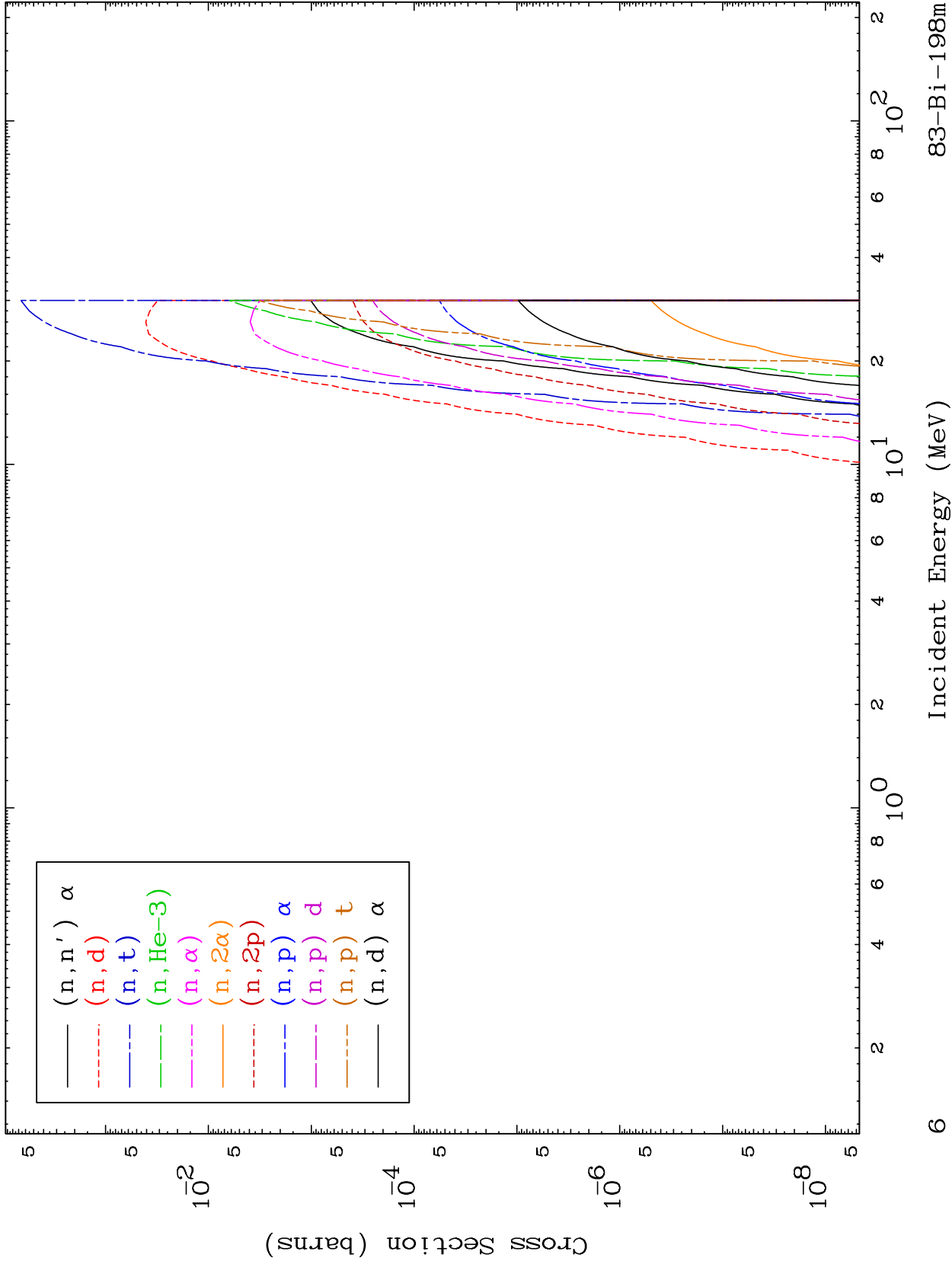
83-Bi-198m



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He-3 Charged Particle
0 Kelvin Cross Sections

83-Bi-198m

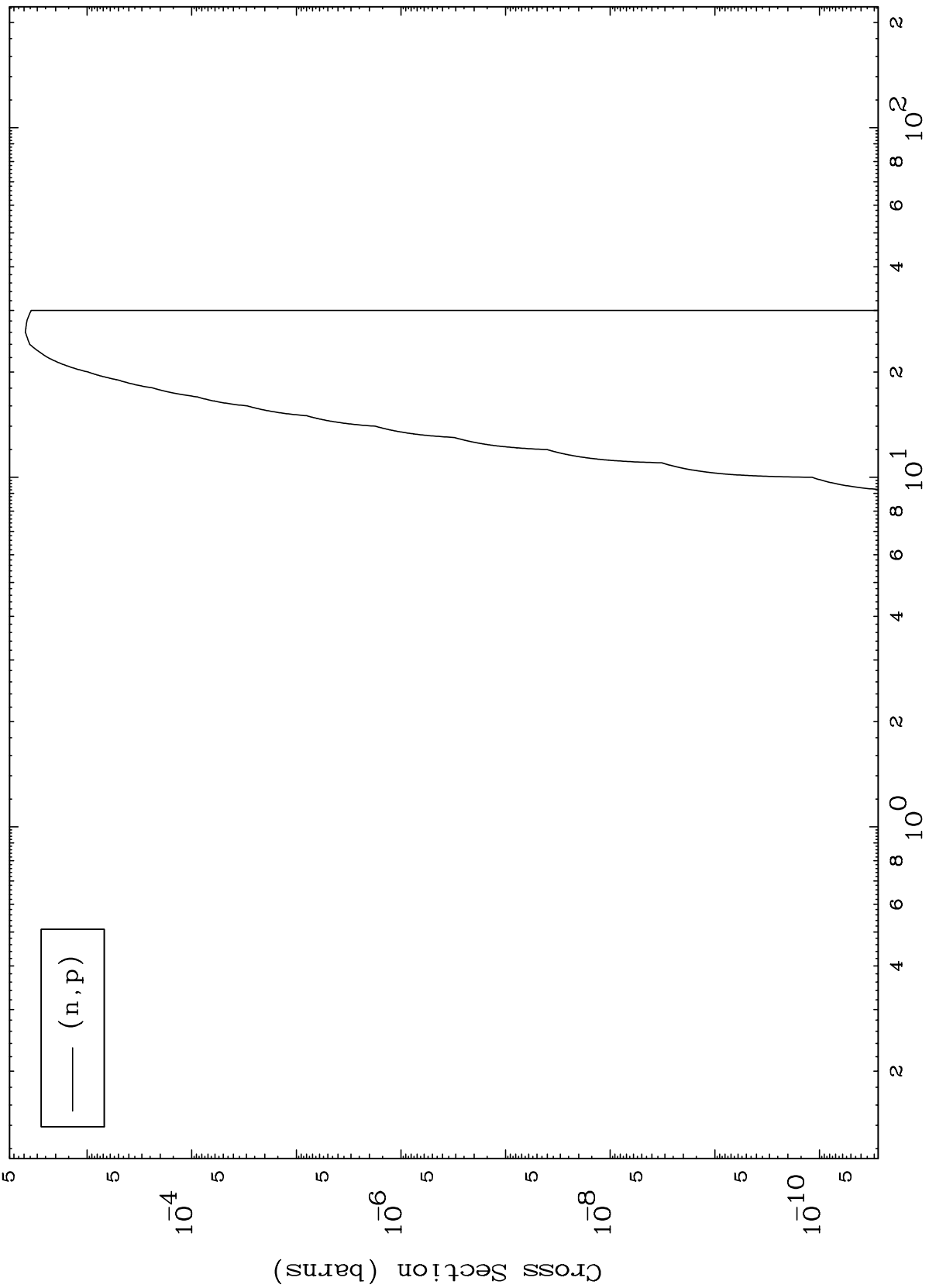


MAT 8293

(He-3,p) Levels

83-Bi-198m

0 Kelvin Cross Sections



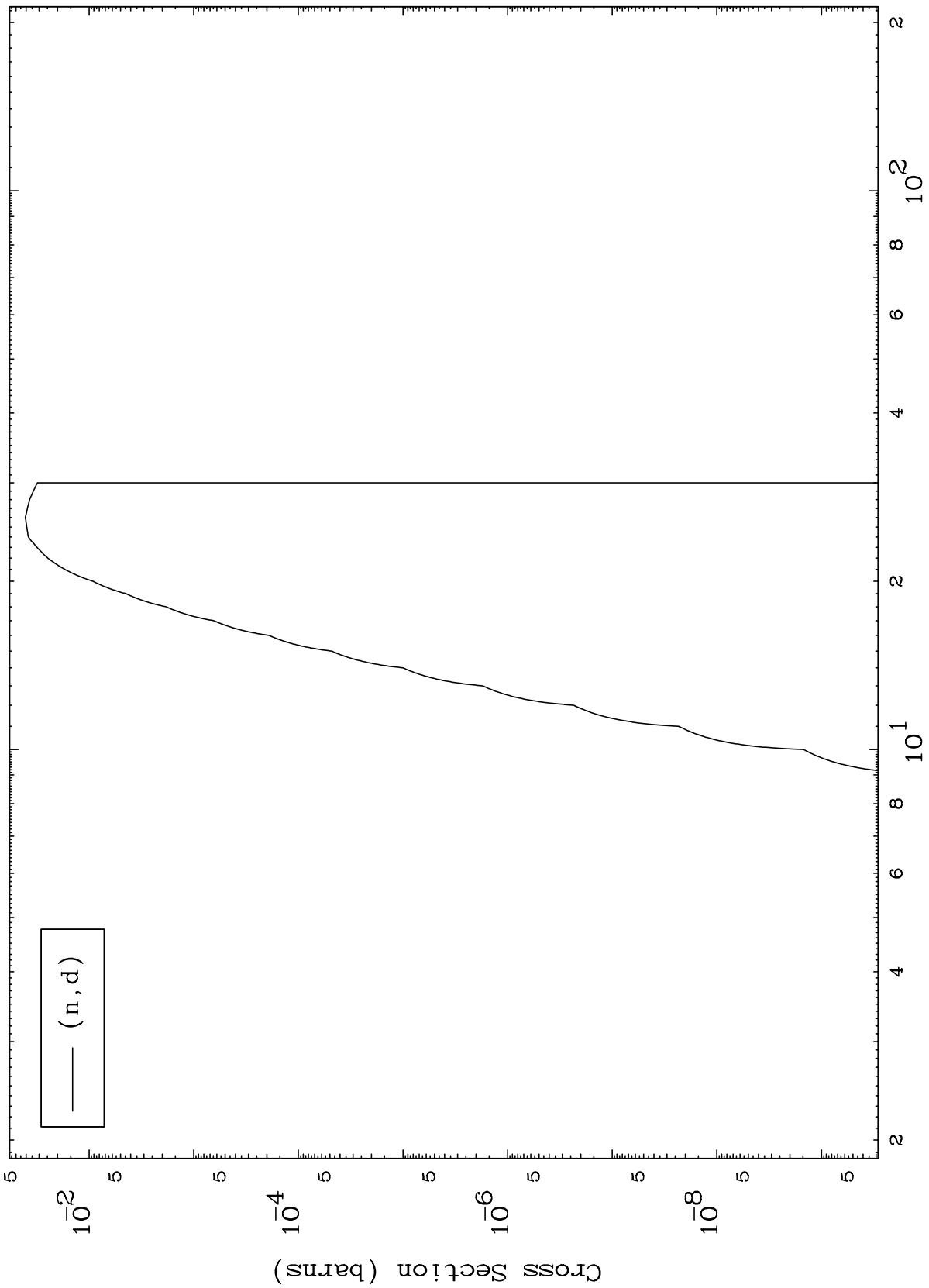
(n,p)

MAT 8293

(He-3,d) Levels

83-Bi-198m

0 Kelvin Cross Sections



(n,d)

8

Incident Energy (MeV)

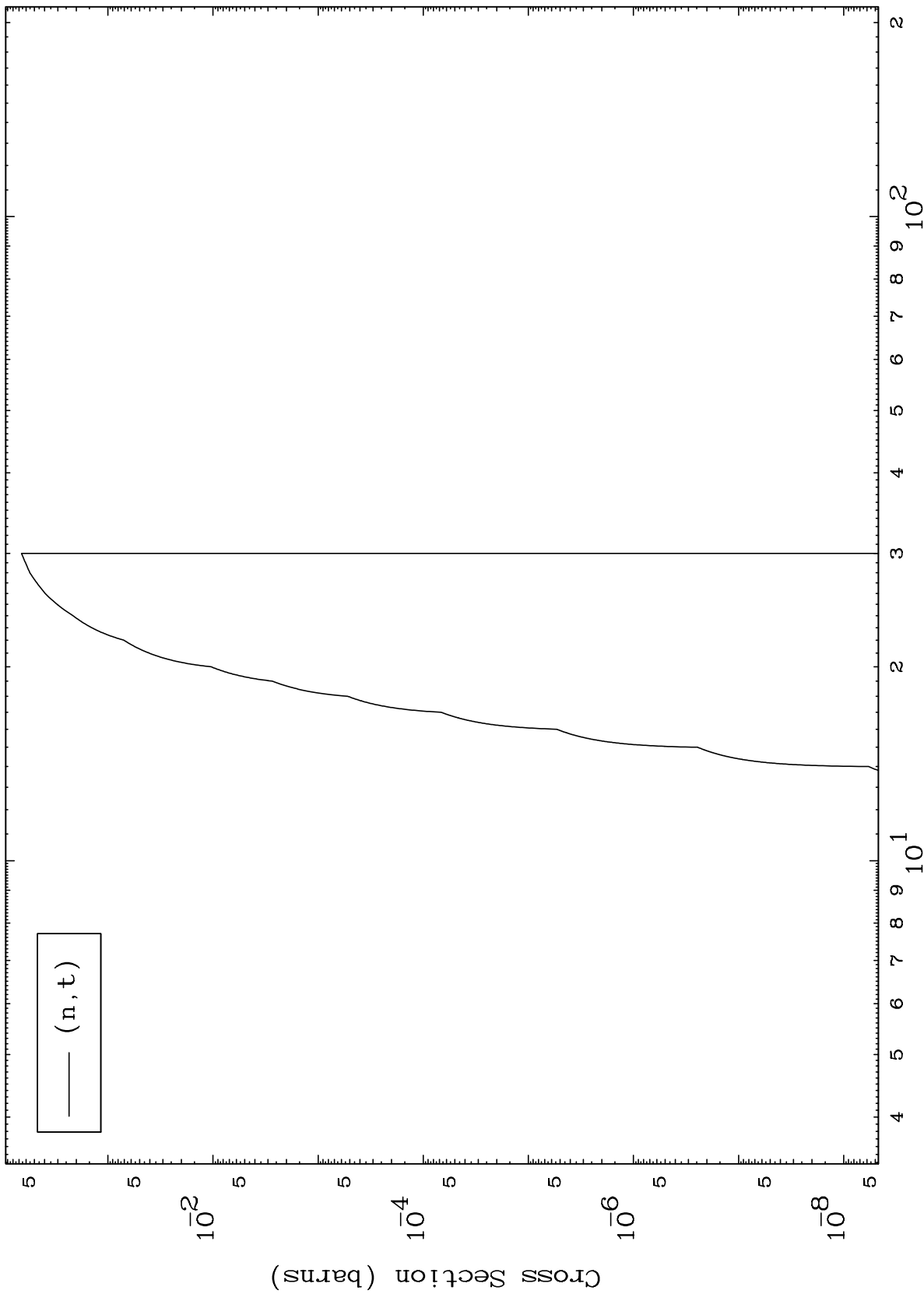
83-Bi-198m

MAT 8293

(He-3,t) Levels

83-Bi-198m

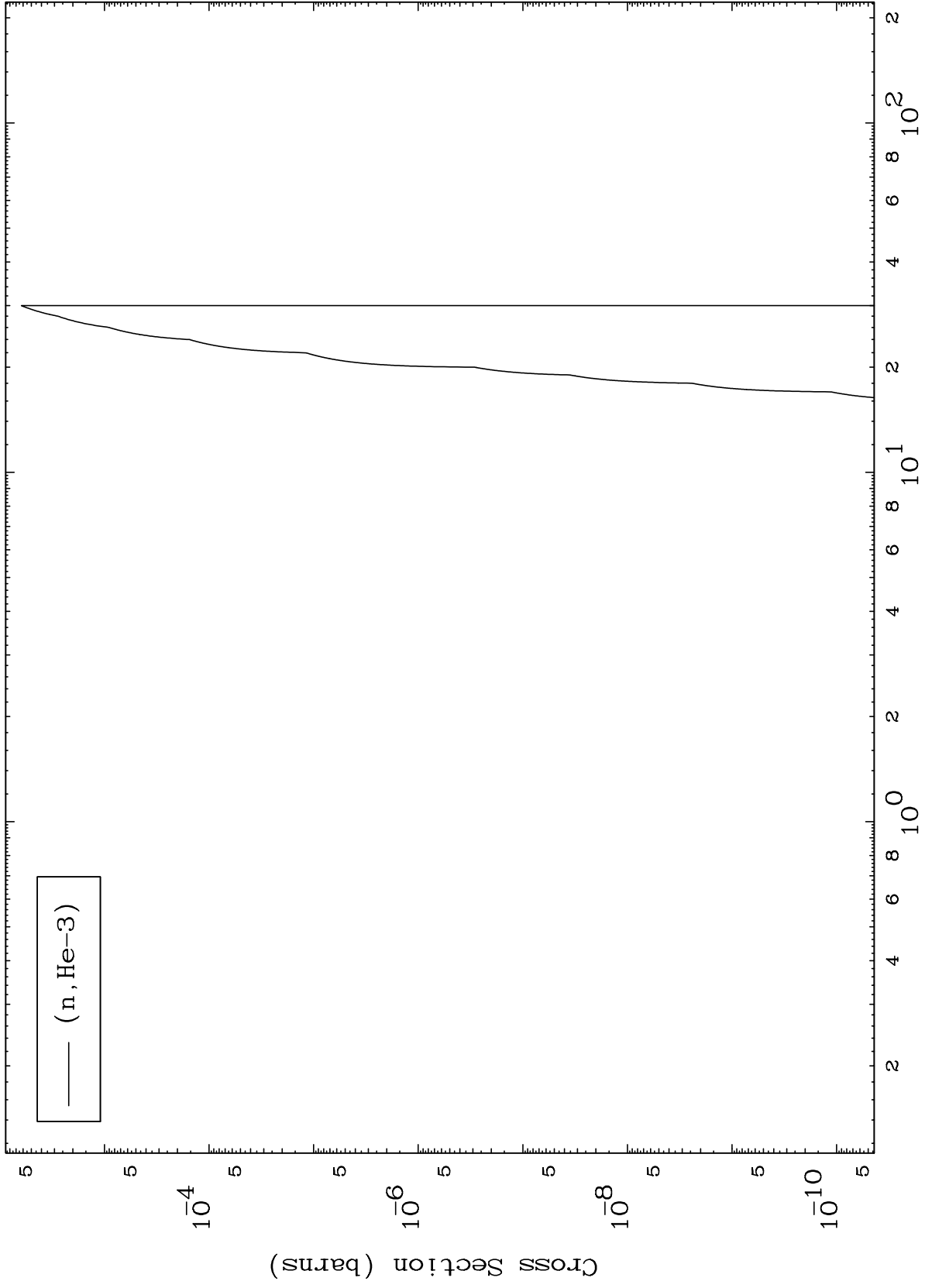
0 Kelvin Cross Sections



MAT 8293

(He-3, He3) Levels
0 Kelvin Cross Sections

83-Bi-198m



10

Incident Energy (MeV)

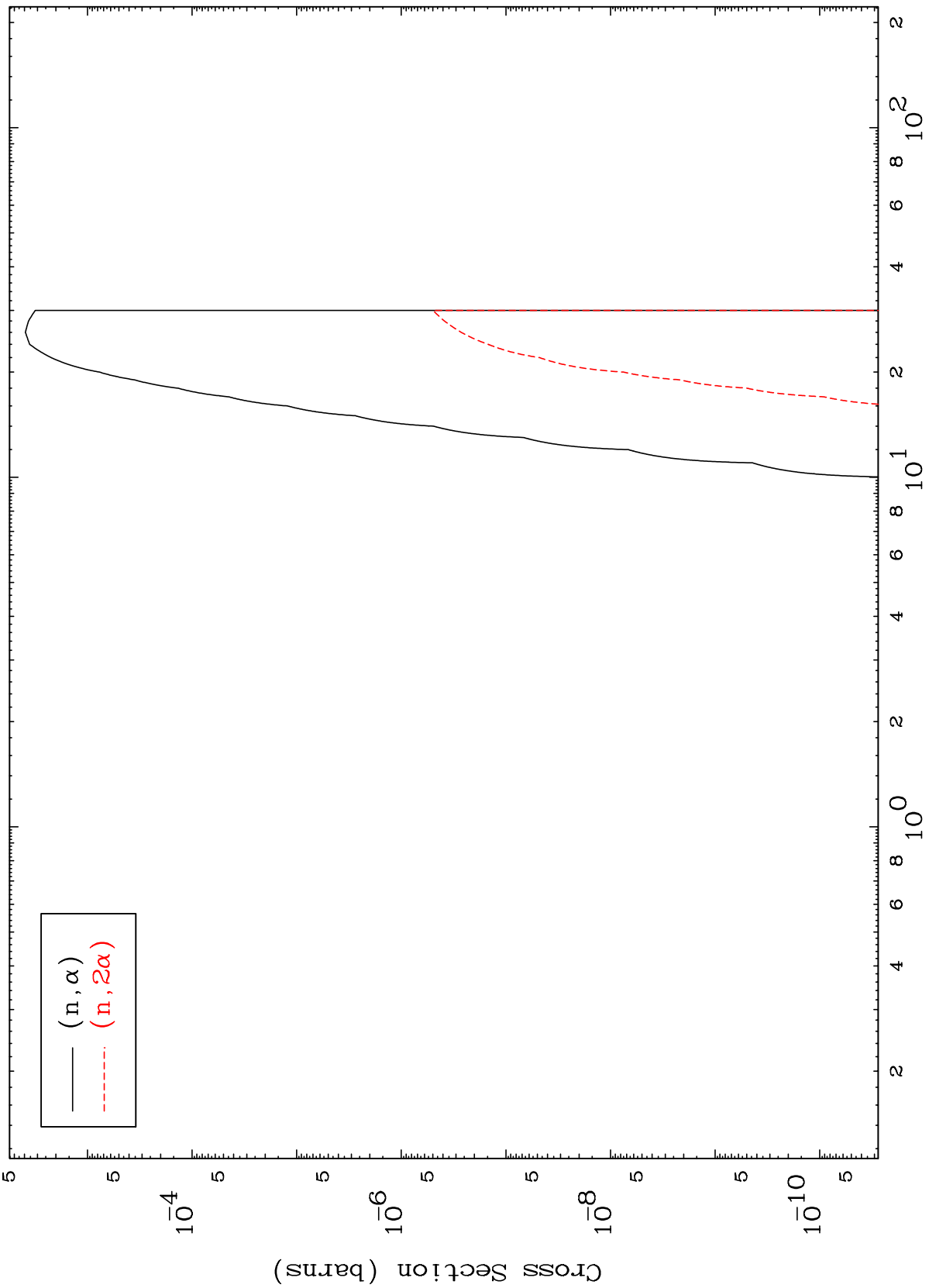
83-Bi-198m

MAT 8293

(He-3, α) Levels

83-Bi-198m

0 Kelvin Cross Sections

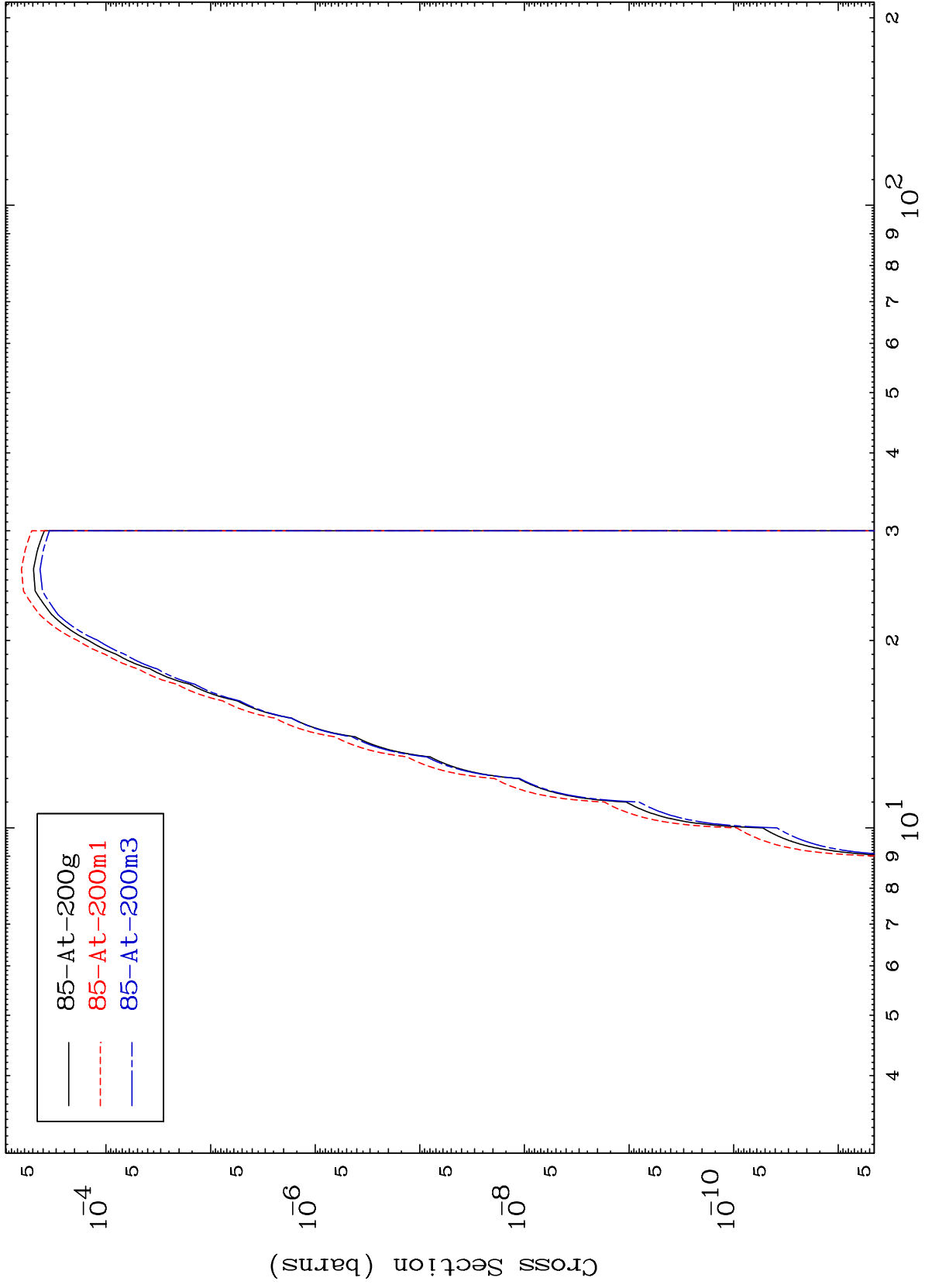


— (n, α)
- - - $(n, 2\alpha)$

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83-Bi-198m

Inelastic
Radionuclide Production Cross Section



12

83-Bi-198m

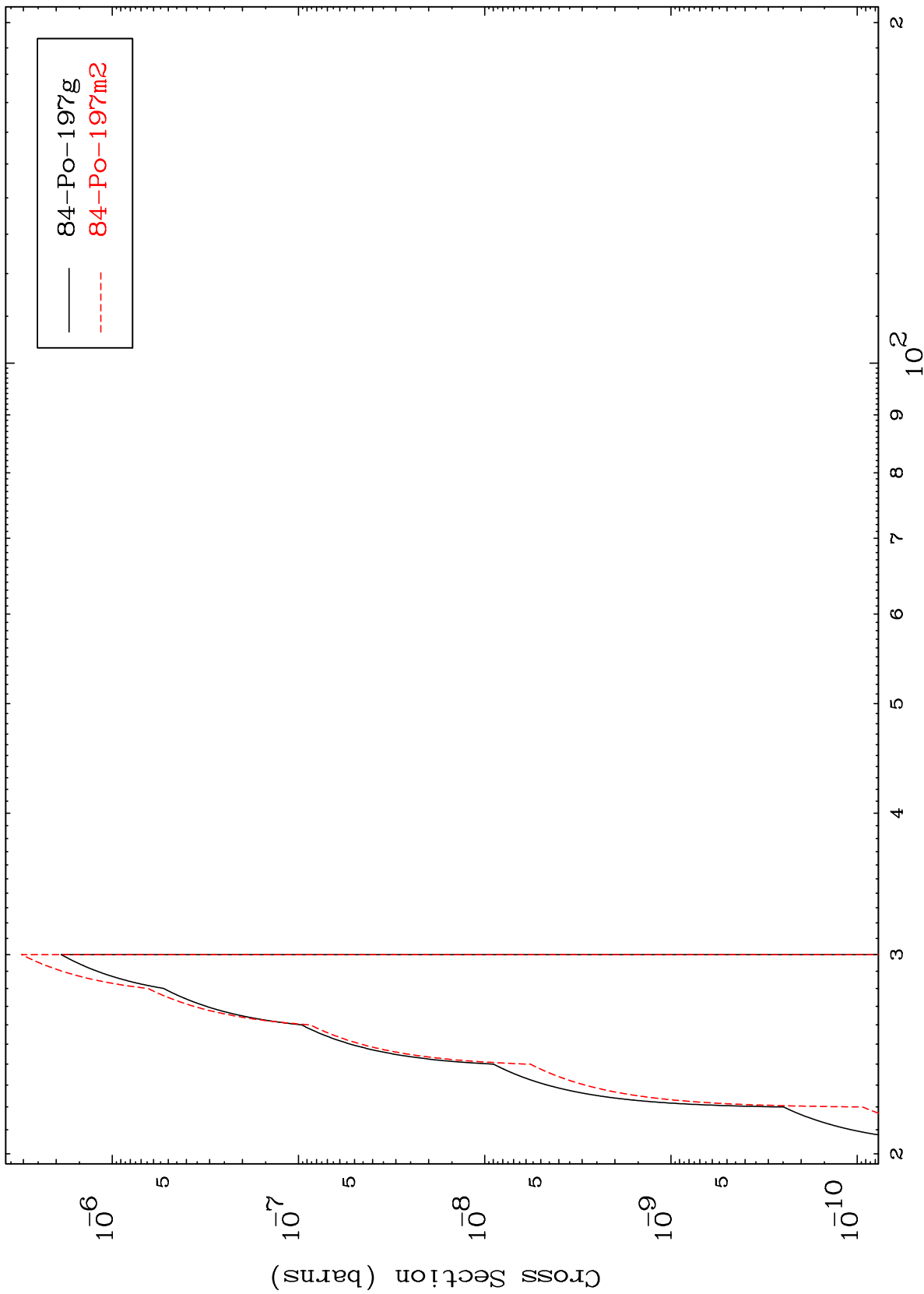
Incident Energy (MeV)

MAT 8293

(n,2n) d

83-Bi-198m

Radionuclide Production Cross Section



13

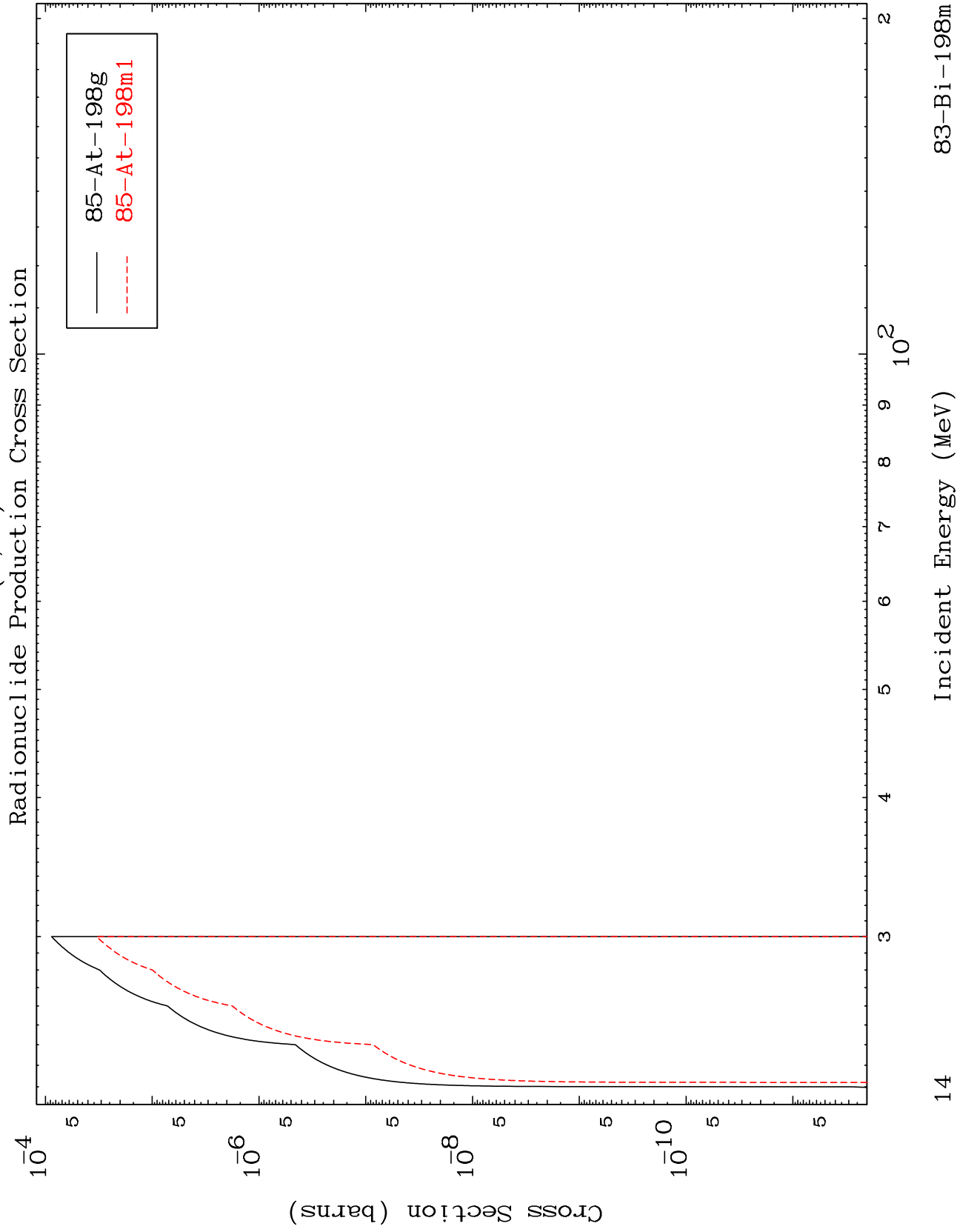
Incident Energy (MeV)

83-Bi-198m

MAT 8293

(n,3n)

83-Bi-198m



14

Incident Energy (MeV)

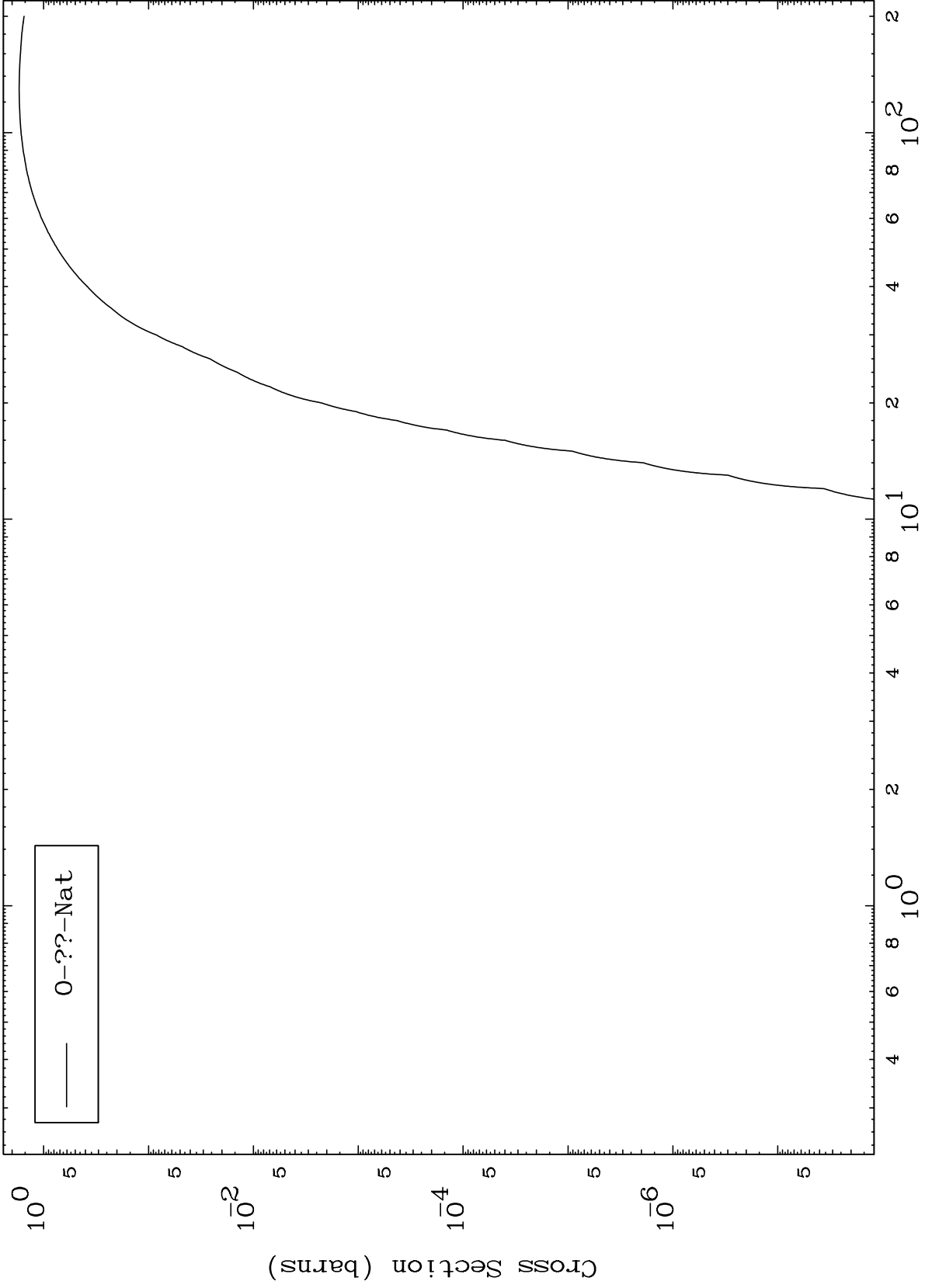
83-Bi-198m

MAT 8293

Fission

⁸³Bi-198m

Radionuclide Production Cross Section

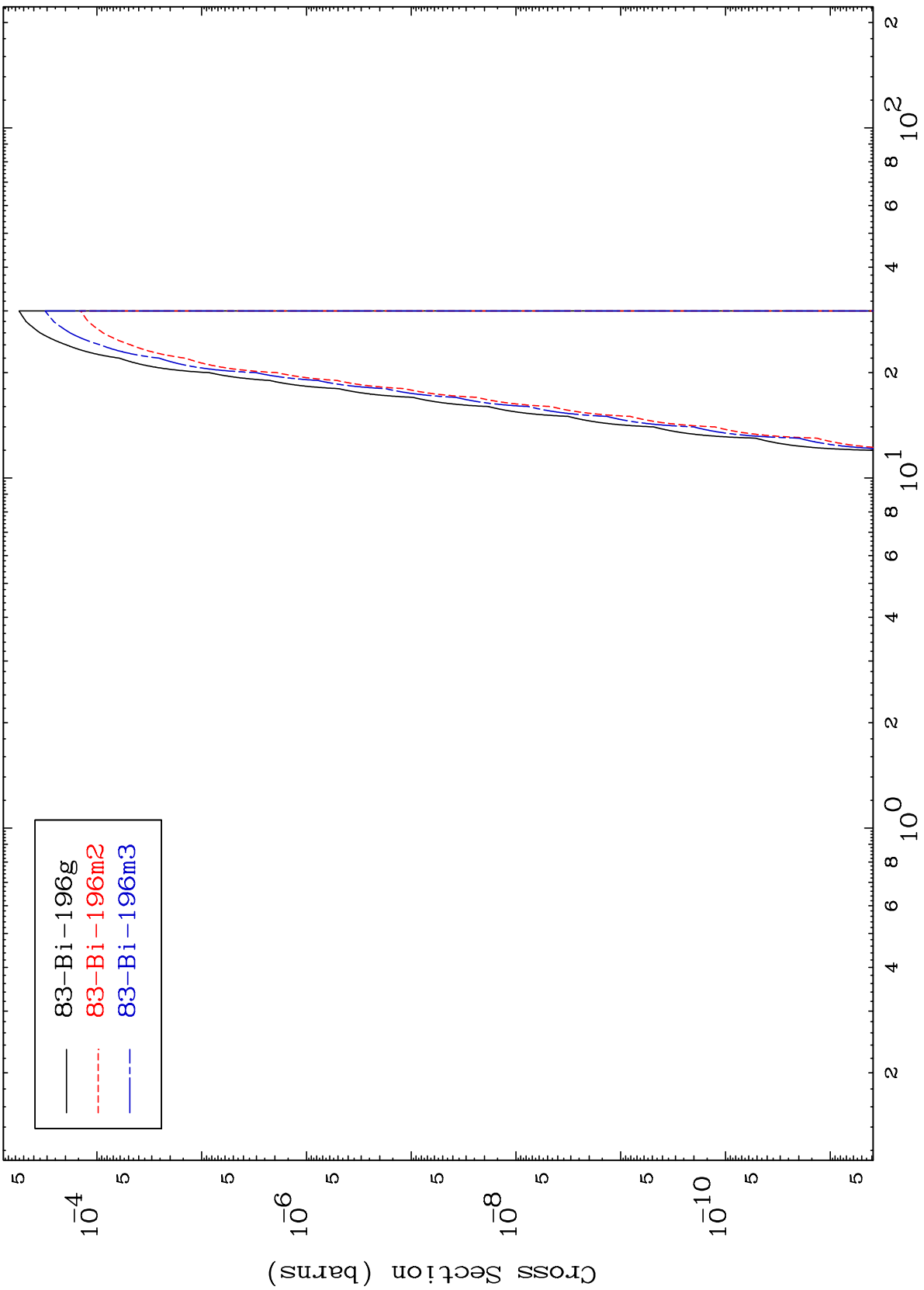


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$(n, n') \alpha$

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

Radionuclide Production Cross Section

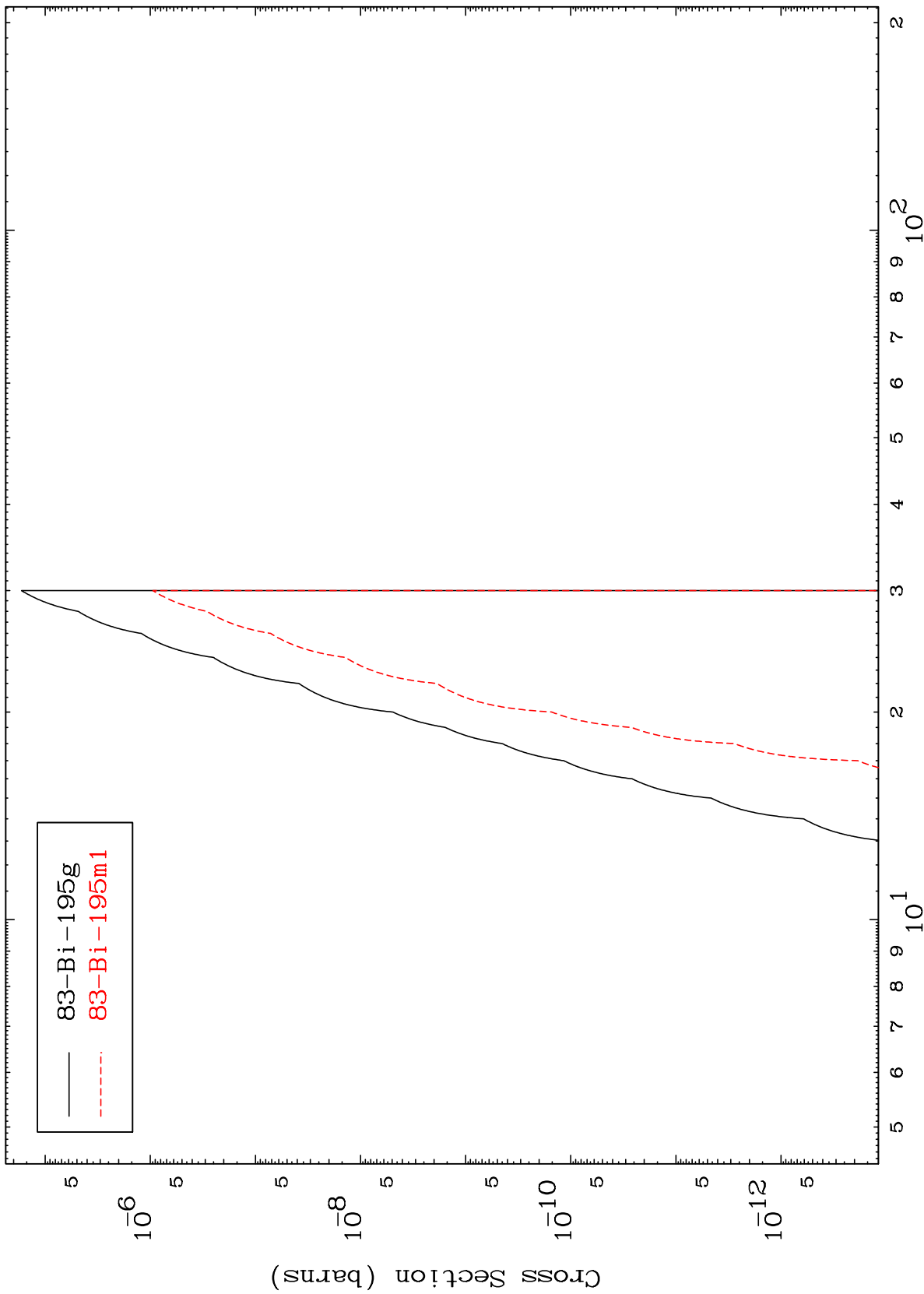


MAT 8293

$(n, 2n) \alpha$

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

Radionuclide Production Cross Section



17

Incident Energy (MeV)

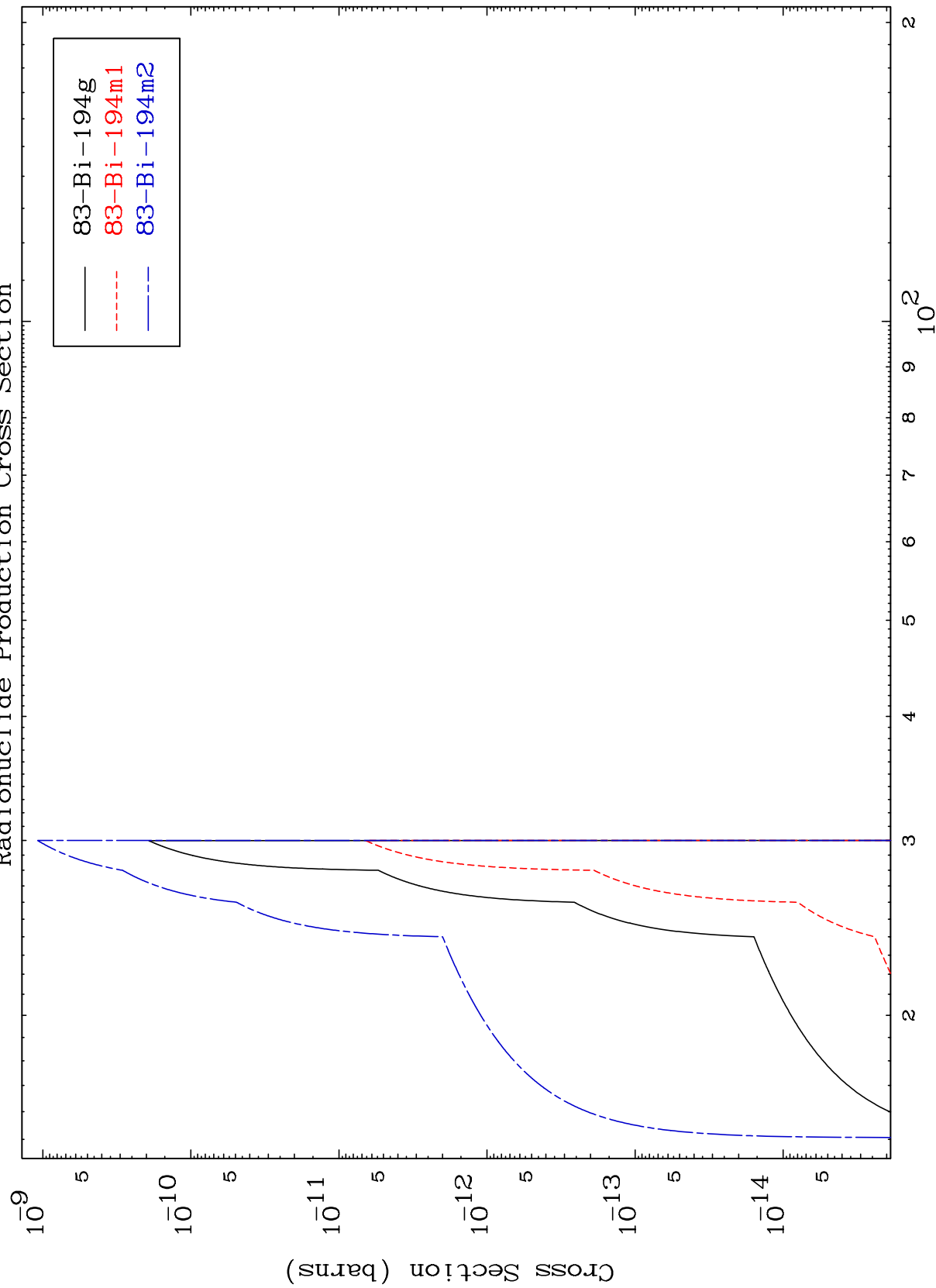
$^{83}\text{Bi}-198\text{m}$

MAT 8293

$(n,3n) \alpha$

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

Radionuclide Production Cross Section



18

Incident Energy (MeV)

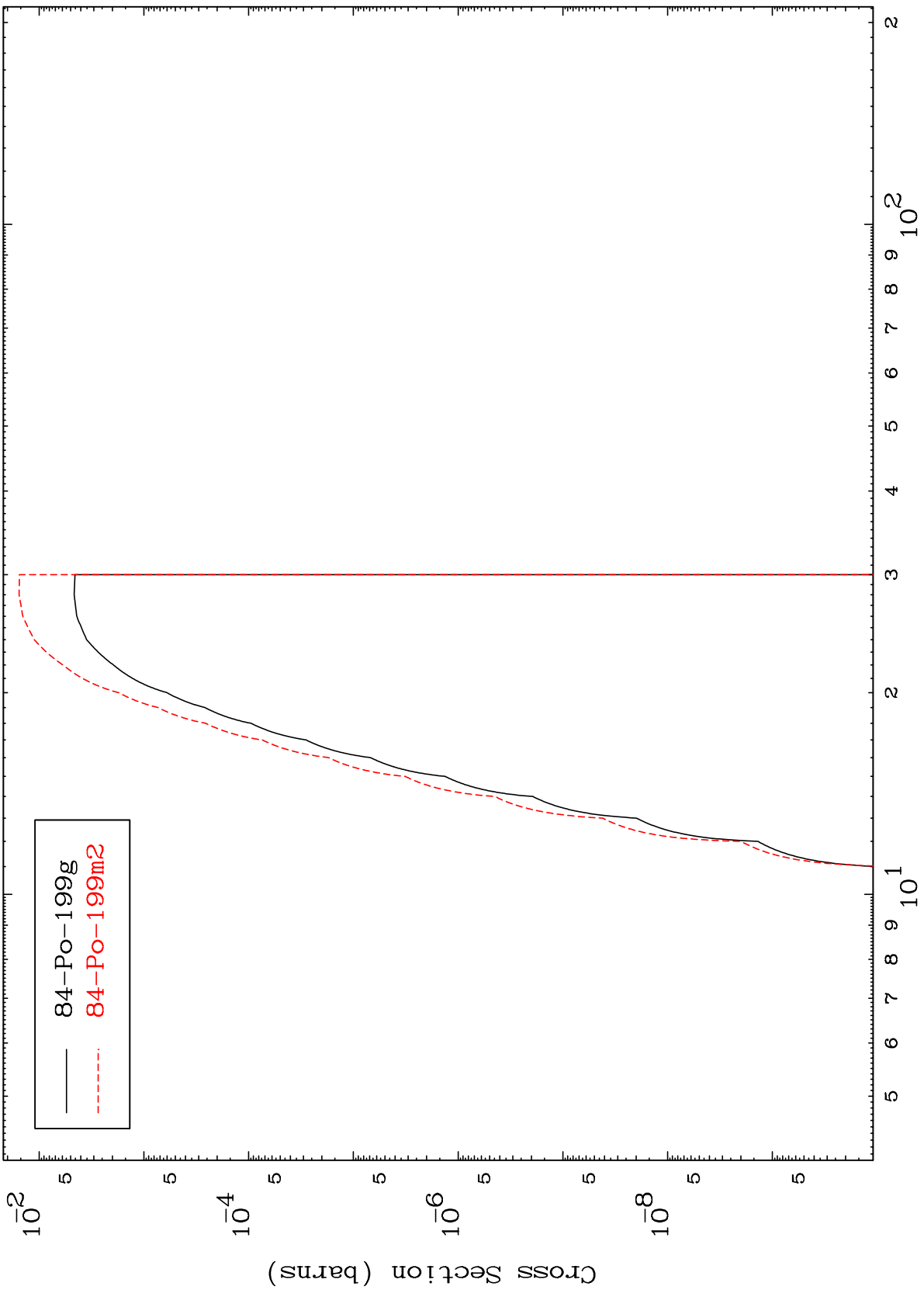
$^{83}\text{Bi}-198\text{m}$

MAT 8293

(n,n') p

83-Bi-198m

Radionuclide Production Cross Section



19

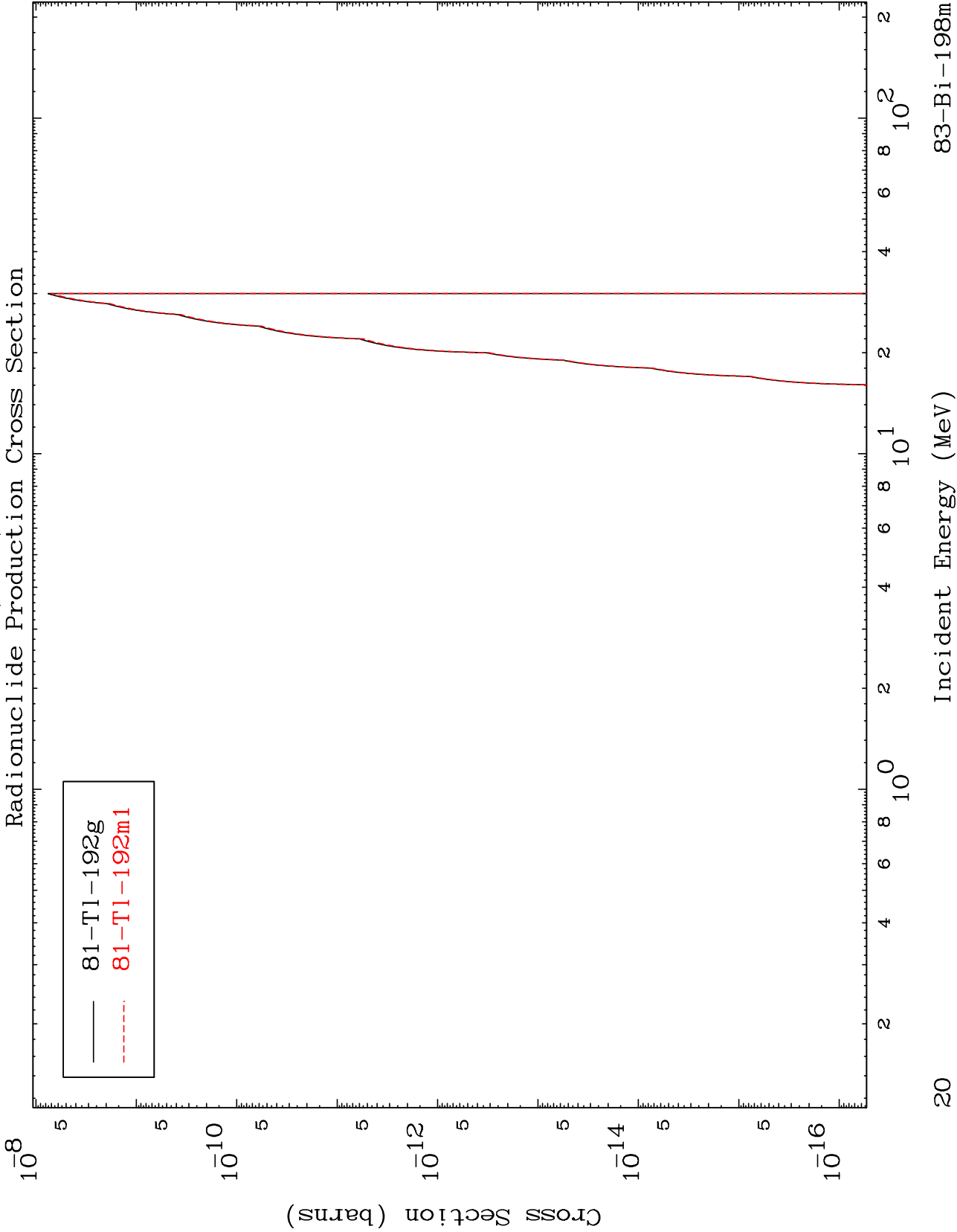
Incident Energy (MeV)

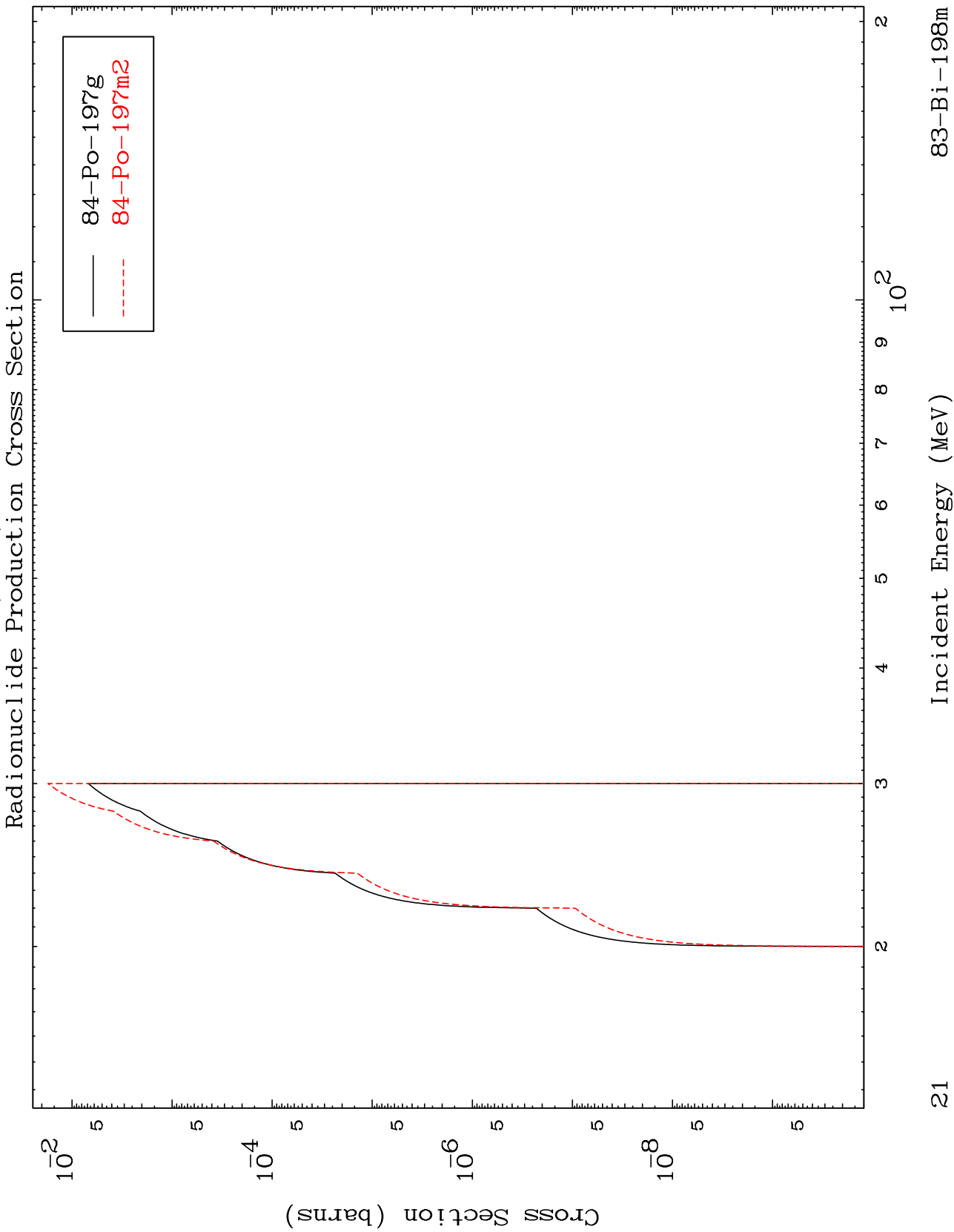
83-Bi-198m

MAT 8293

(n,n') 2α

83-Bi-198m



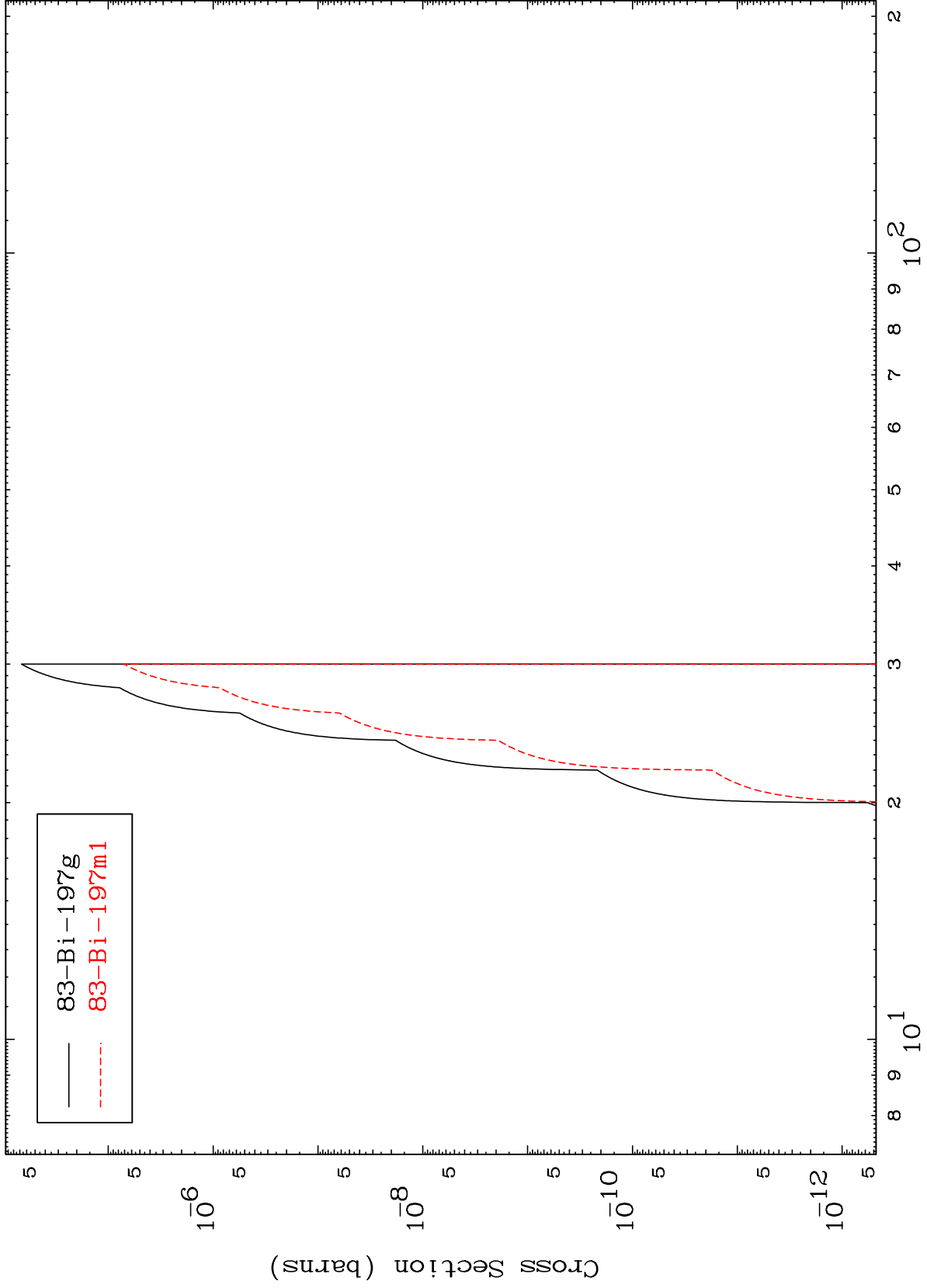


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(n,n') He-3

83-Bi-198m

Radionuclide Production Cross Section



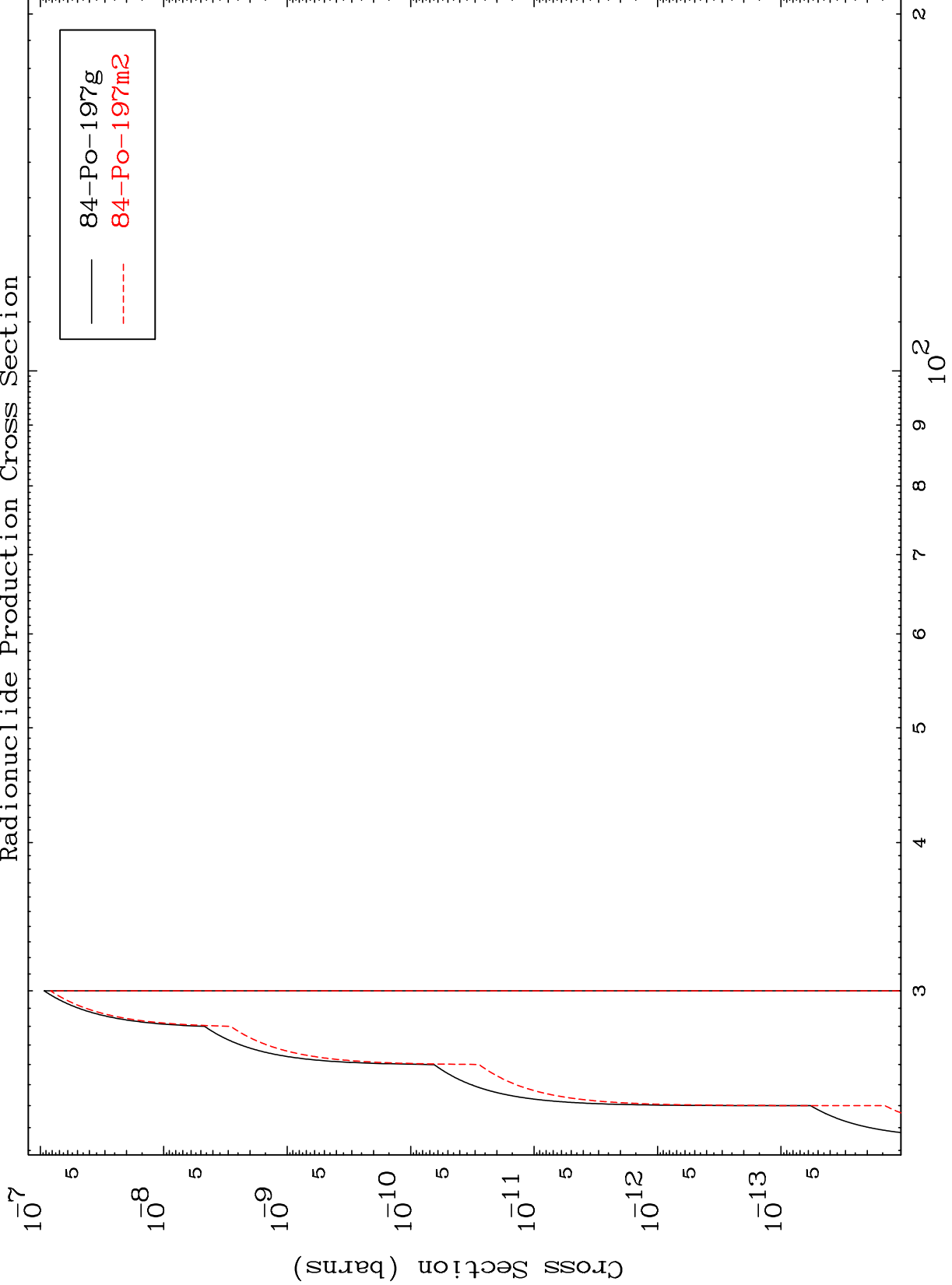
83-Bi-197g
83-Bi-197m1

MAT 8293

(n,3n) p

83-Bi-198m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

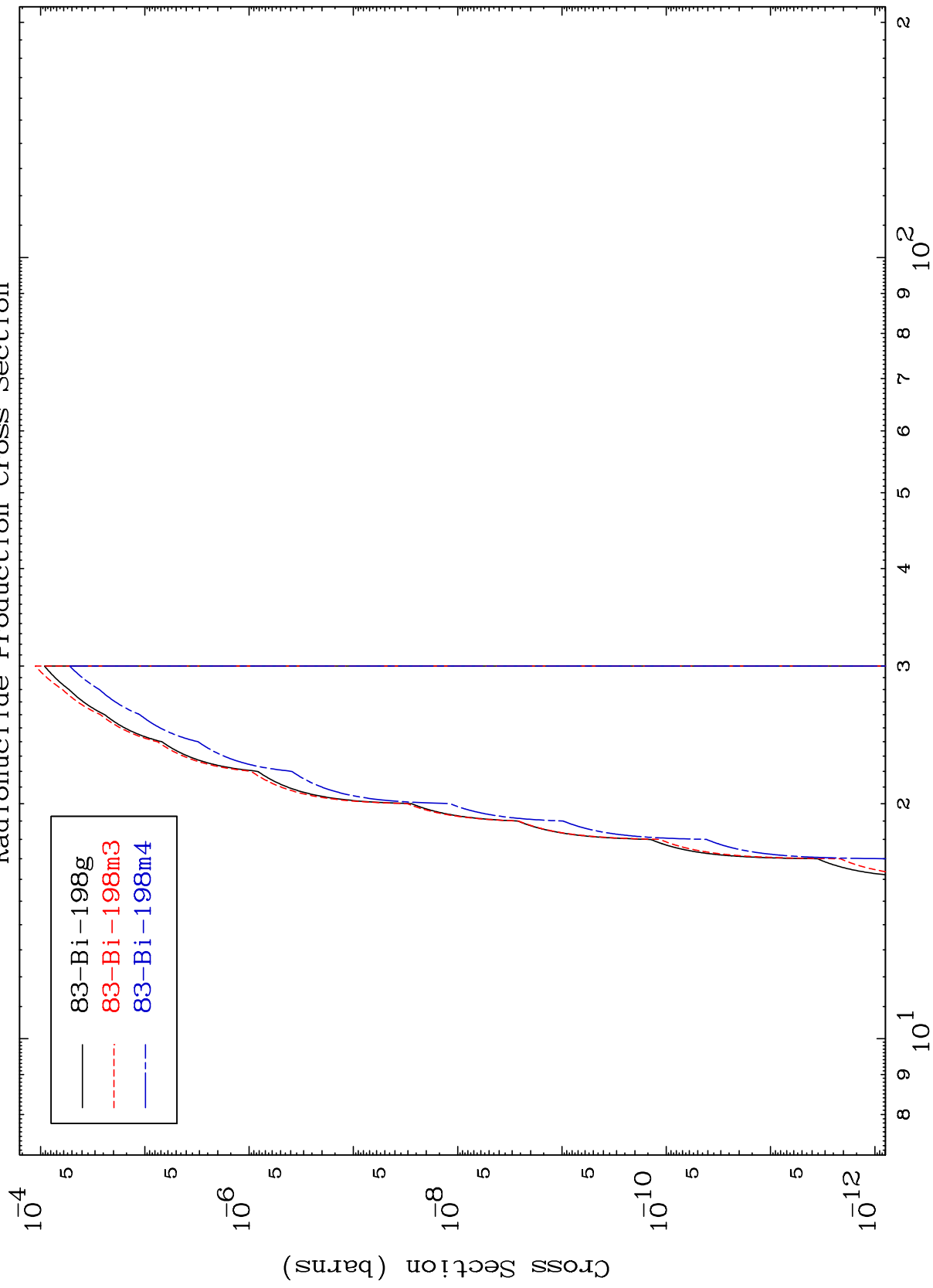
83-Bi-198m

MAT 8293

(n,2n) p

⁸³Bi-198m

Radionuclide Production Cross Section

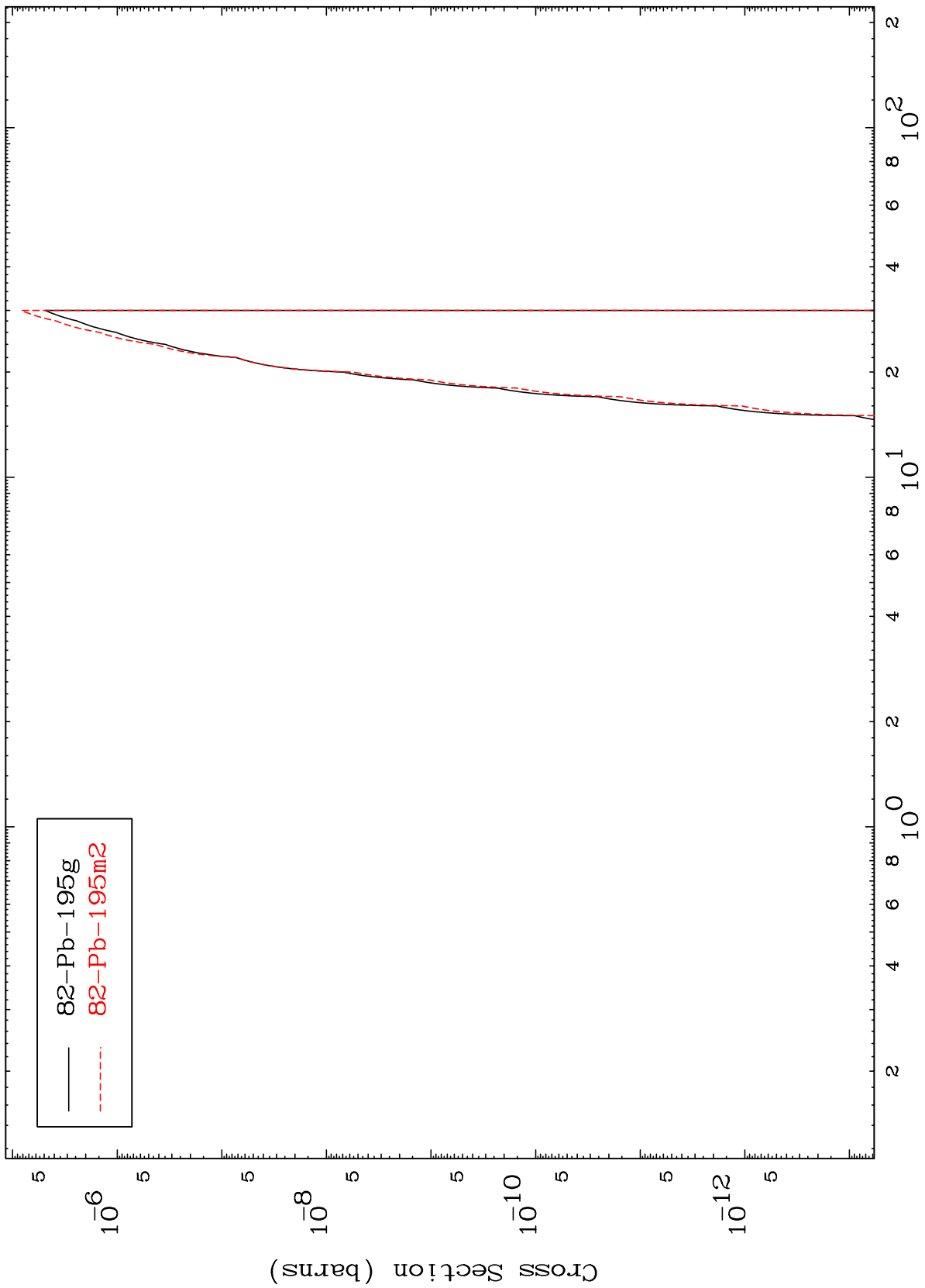


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(n,n') p α

83-Bi-198m

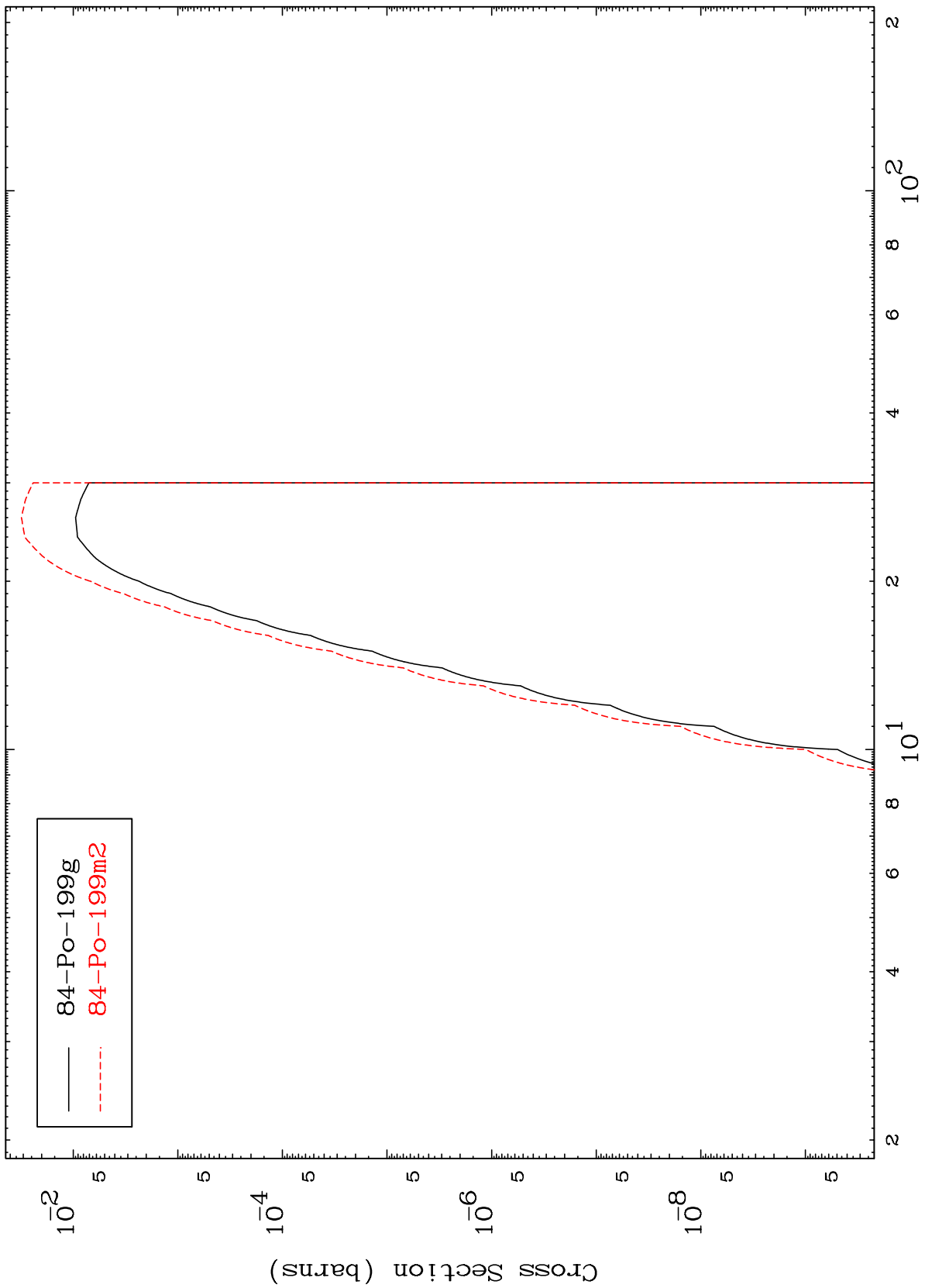
Radionuclide Production Cross Section



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83-Bi-198m

(n,d)
Radionuclide Production Cross Section



26

83-Bi-198m

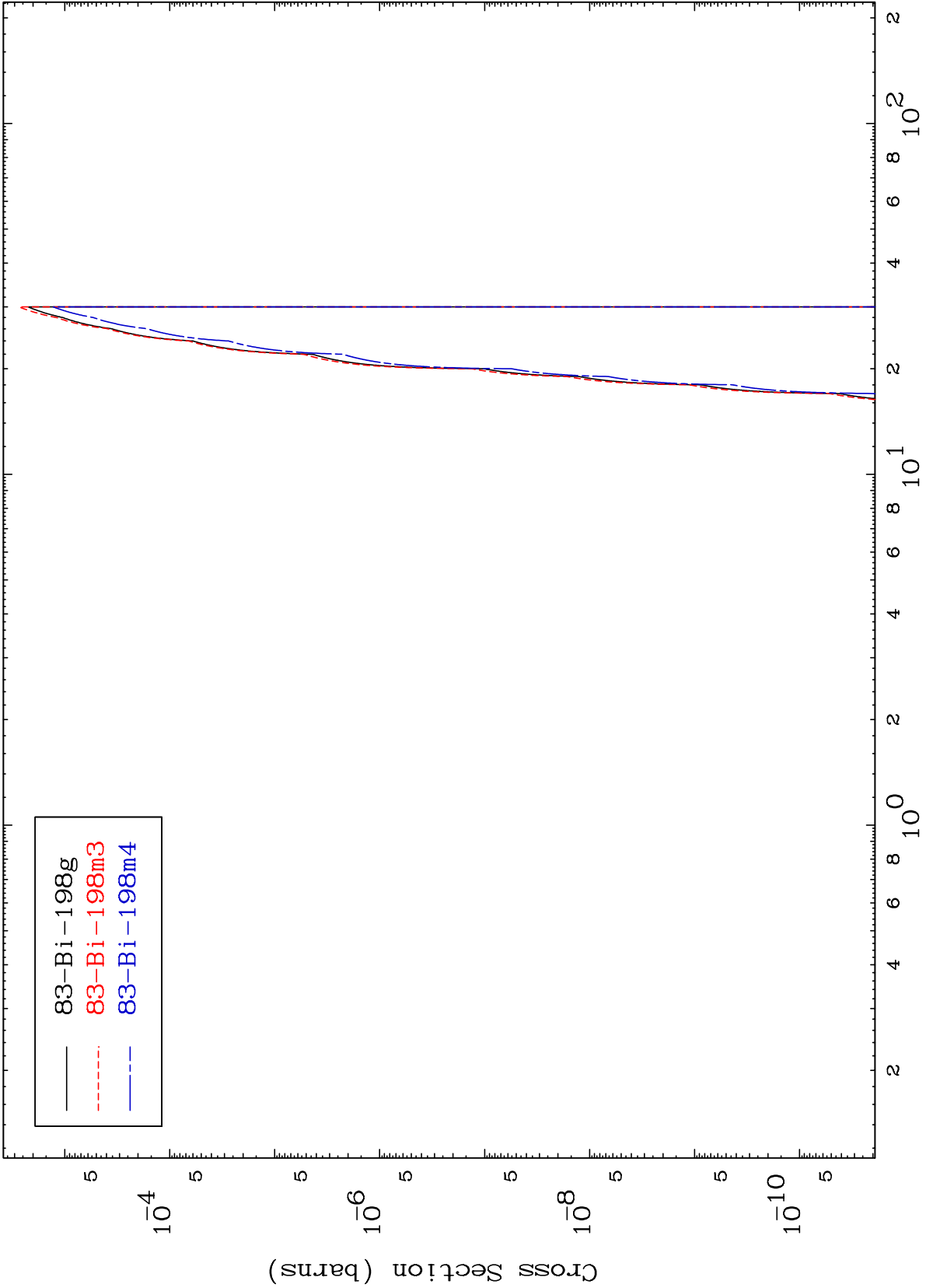
Incident Energy (MeV)

MAT 8293

(n,He-3)

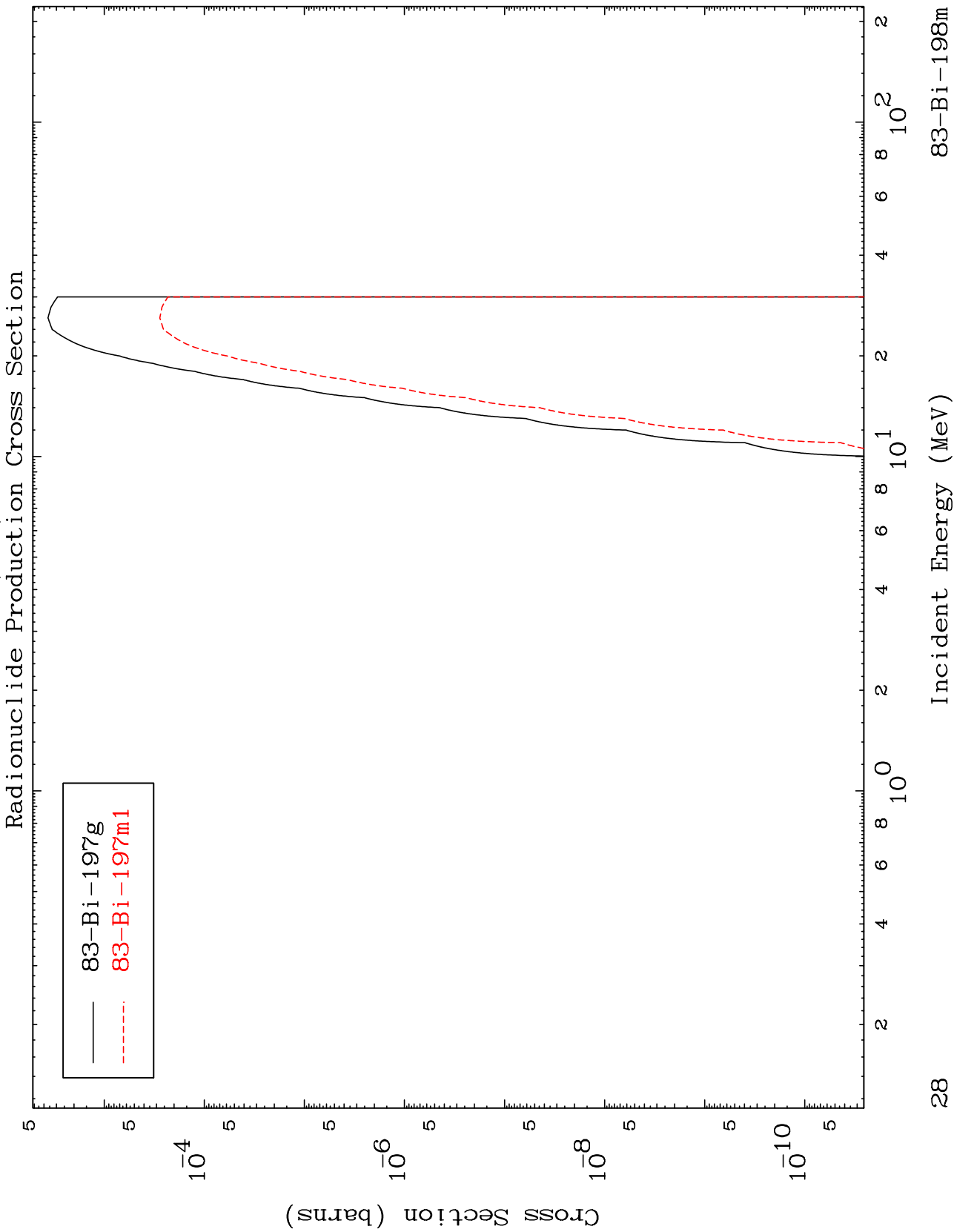
83-Bi-198m

Radionuclide Production Cross Section



MAT 8293

⁸³Bi-198m

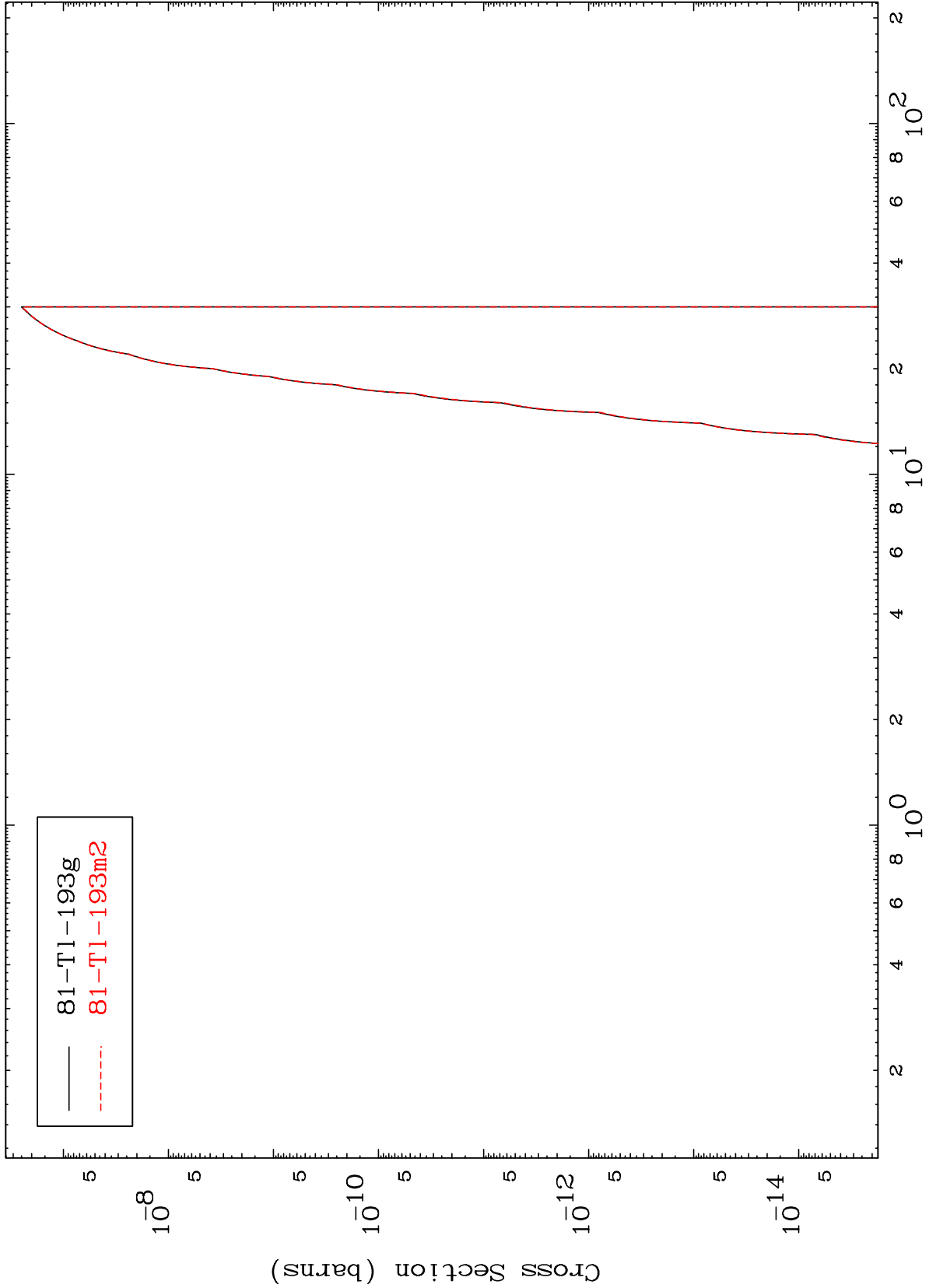
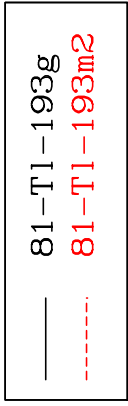


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(n,2α)

83-Bi-198m

Radionuclide Production Cross Section

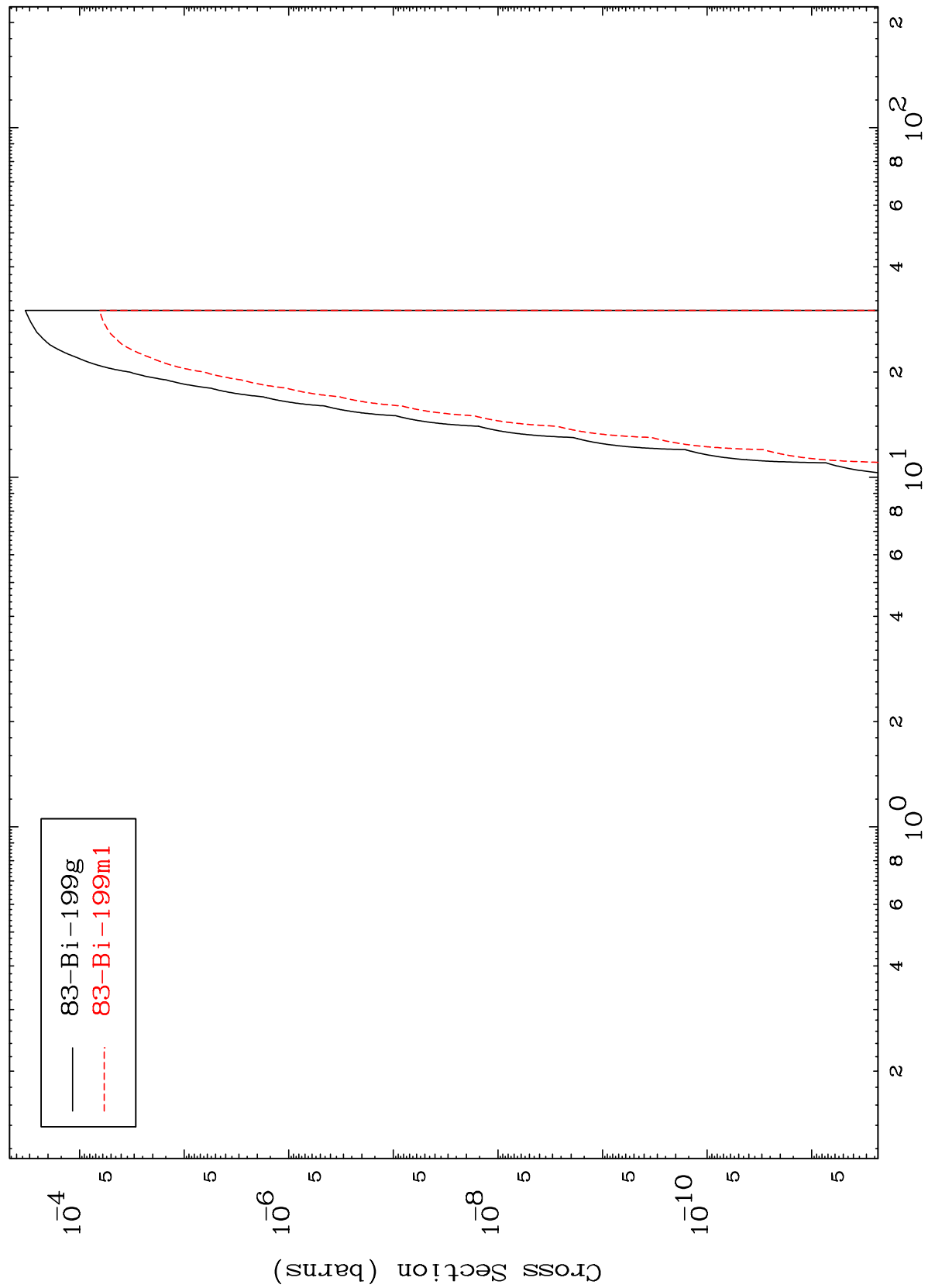


MAT 8293

⁸³Bi-198m

(n,2p)

Radionuclide Production Cross Section

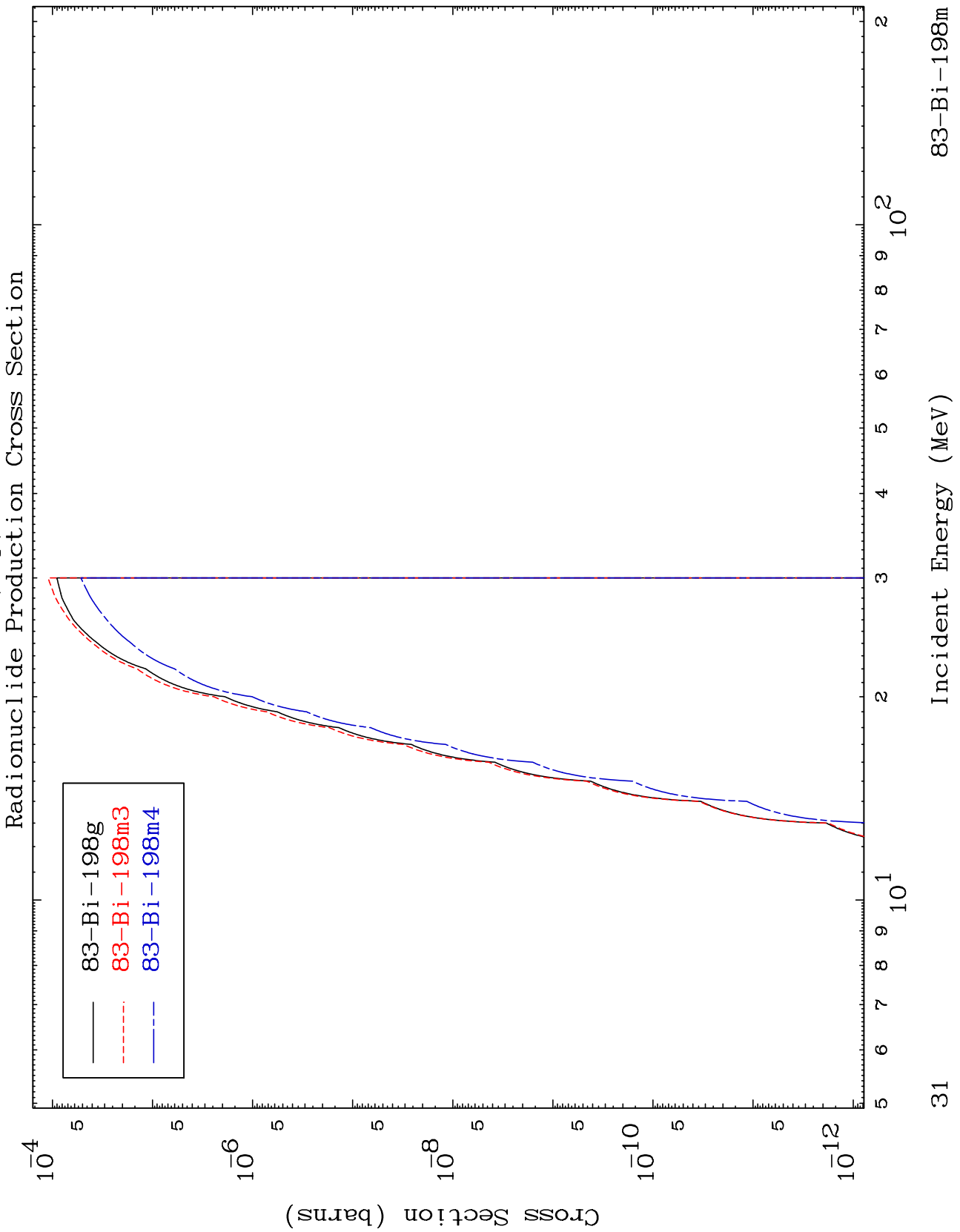


— 83-Bi-199g
- - - 83-Bi-199m1

MAT 8293

(n,p) d

83-Bi-198m

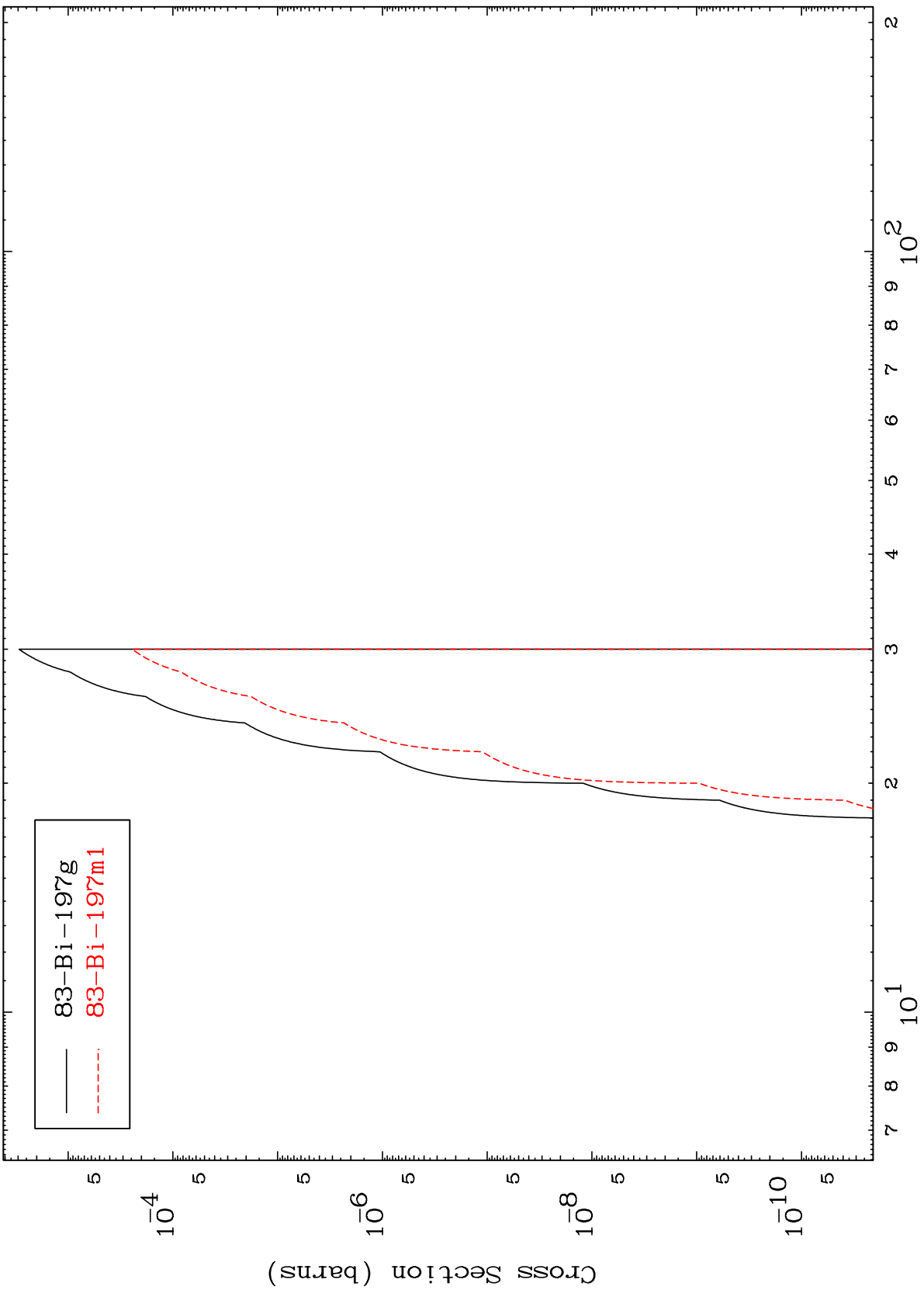


MAT 8293

(n,p) t

⁸³Bi-198m

Radionuclide Production Cross Section



— 83-Bi-197g
- - - 83-Bi-197m1

32

Incident Energy (MeV)

⁸³Bi-198m

MAT 8293

(n,d) α

83-Bi-198m

