

Program EVALPLOT
(Version 2021-1)

by

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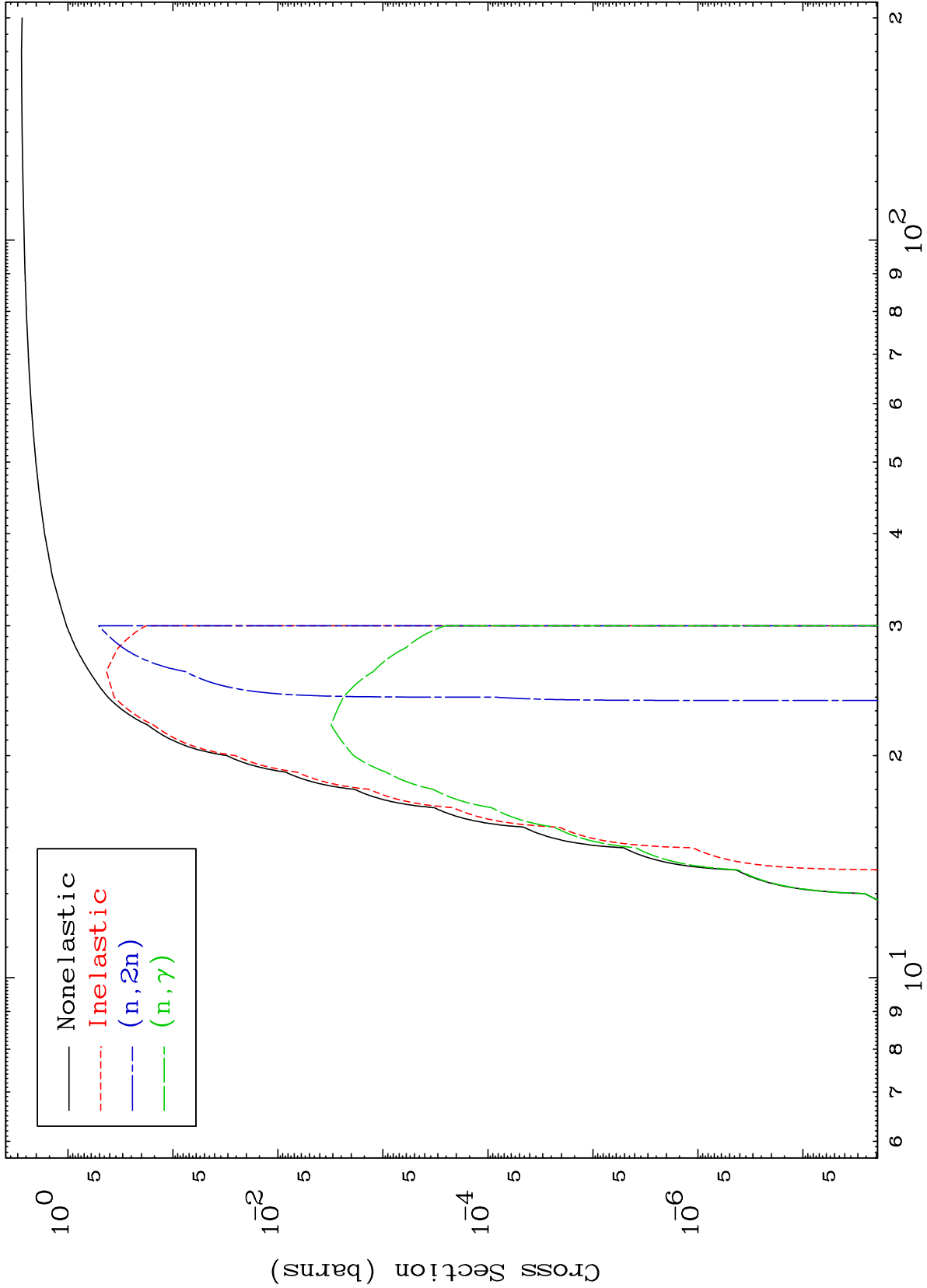
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8299

0 Kelvin Cross Sections

83-Bi-200m



Incident Energy (MeV)

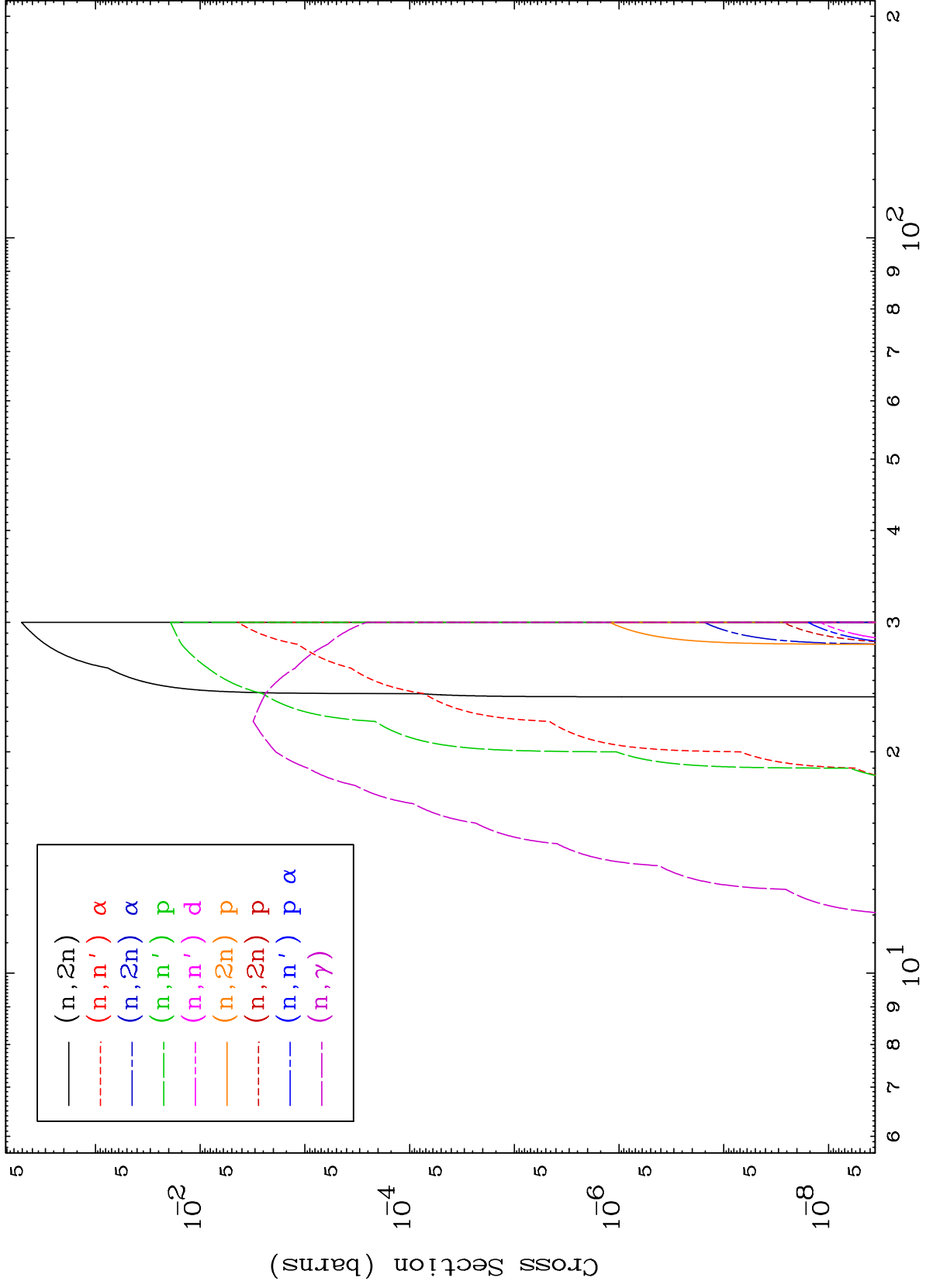
83-Bi-200m

1

MAT 8299

α Neutron Absorption
0 Kelvin Cross Sections

83-Bi-200m



2

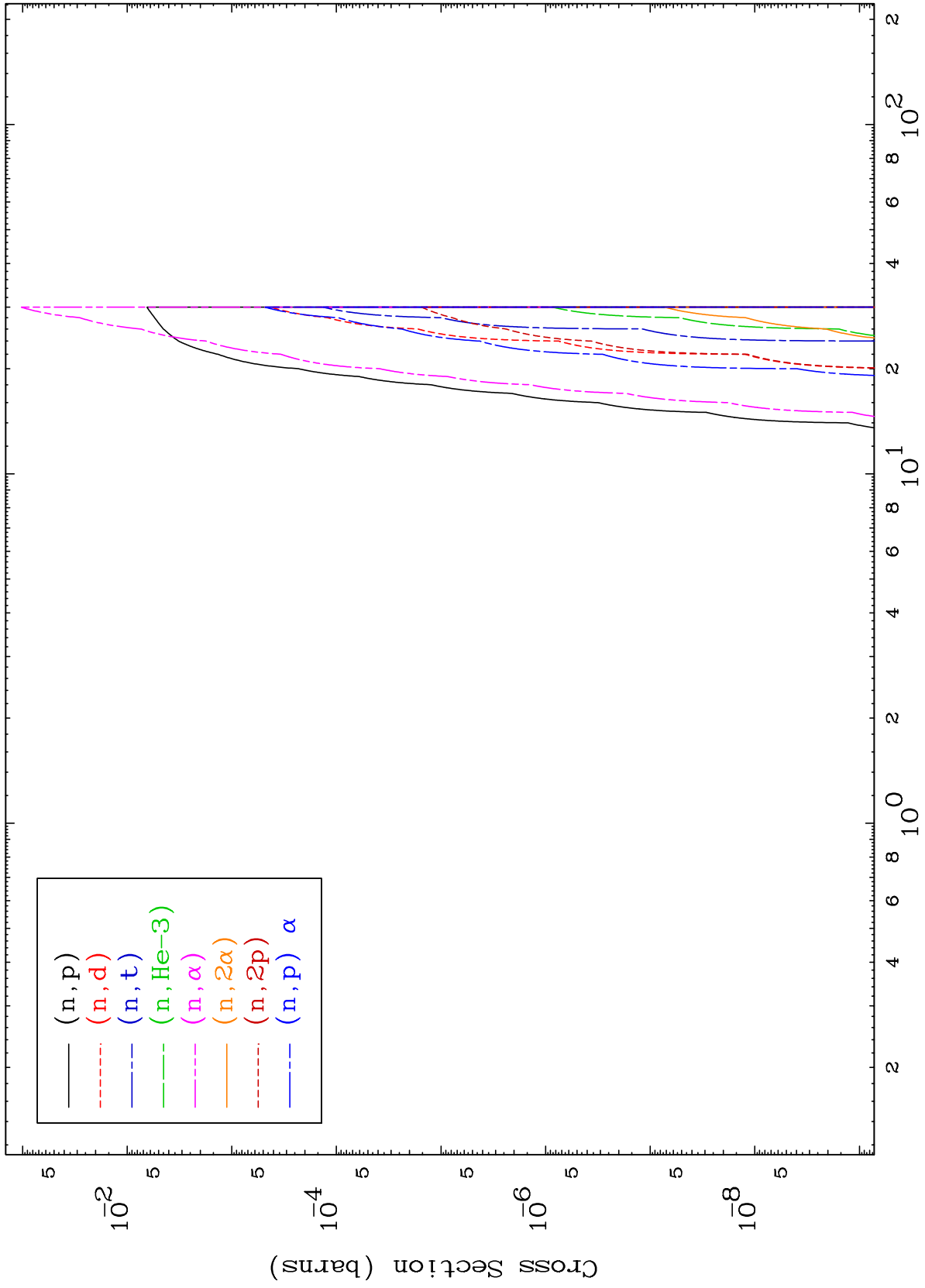
Incident Energy (MeV)

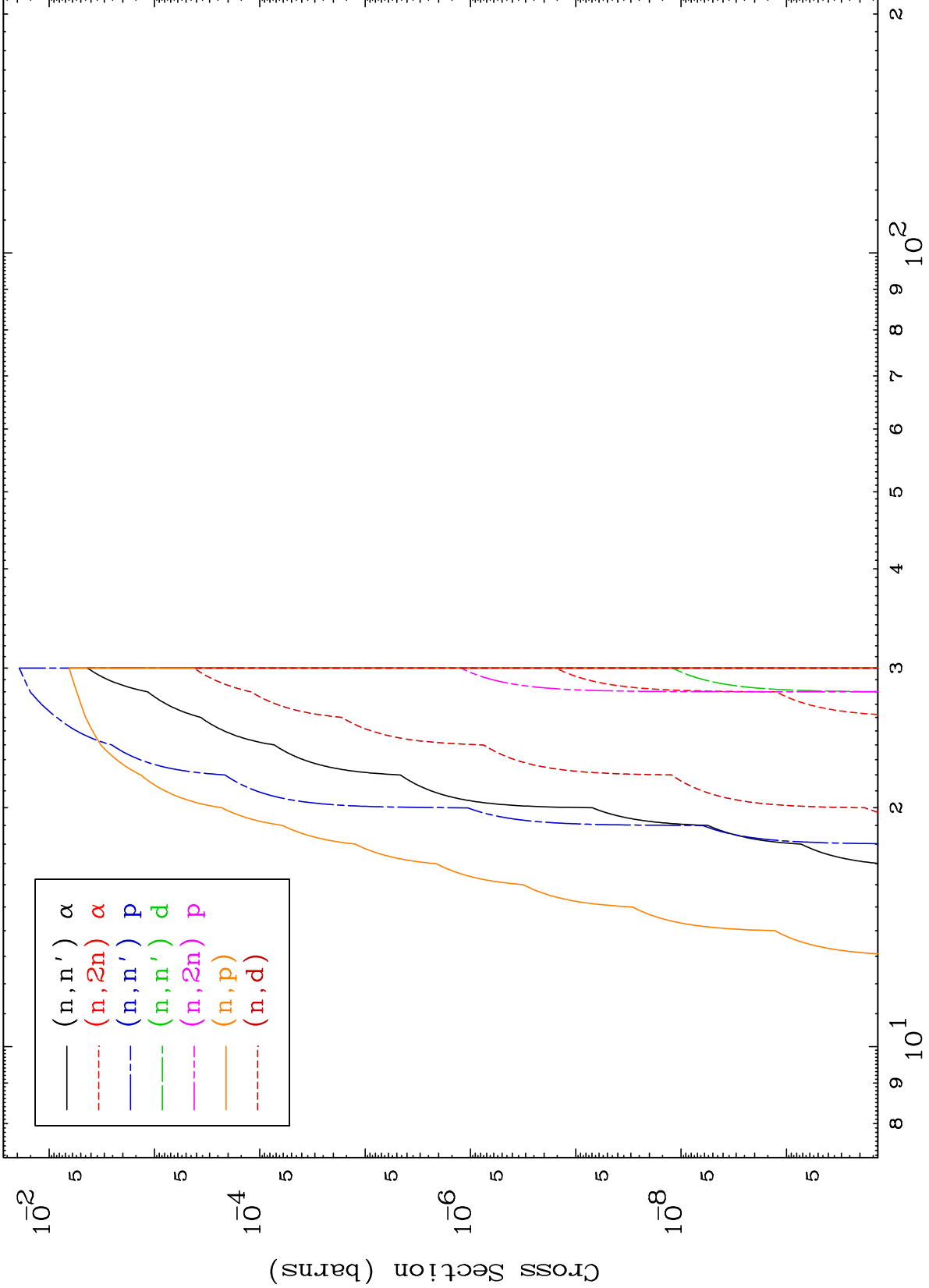
83-Bi-200m

MAT 8299

α Neutron Absorption
0 Kelvin Cross Sections

83-Bi-200m



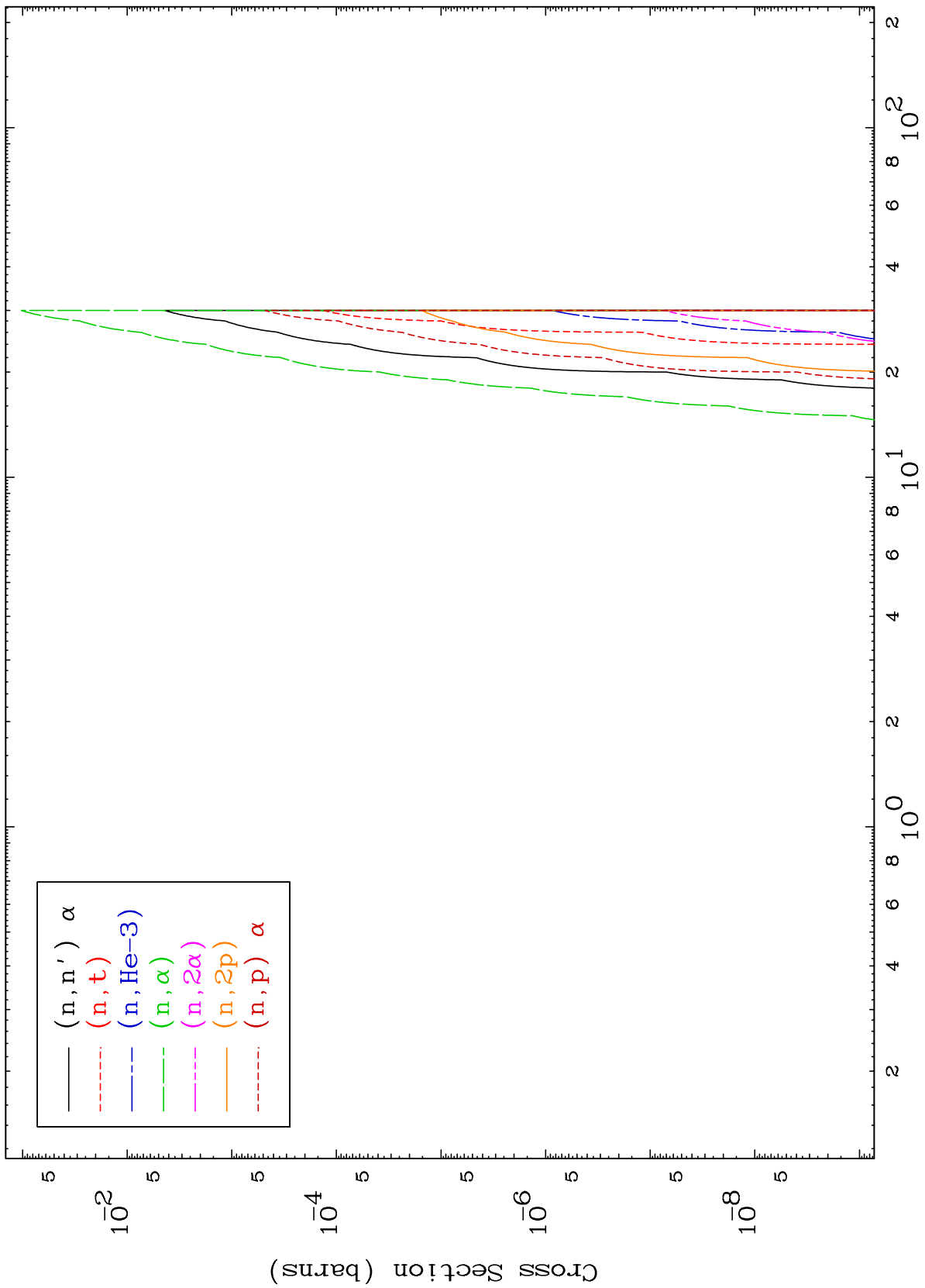


MAT 8299

α Charged Particle

^{83}Bi -200m

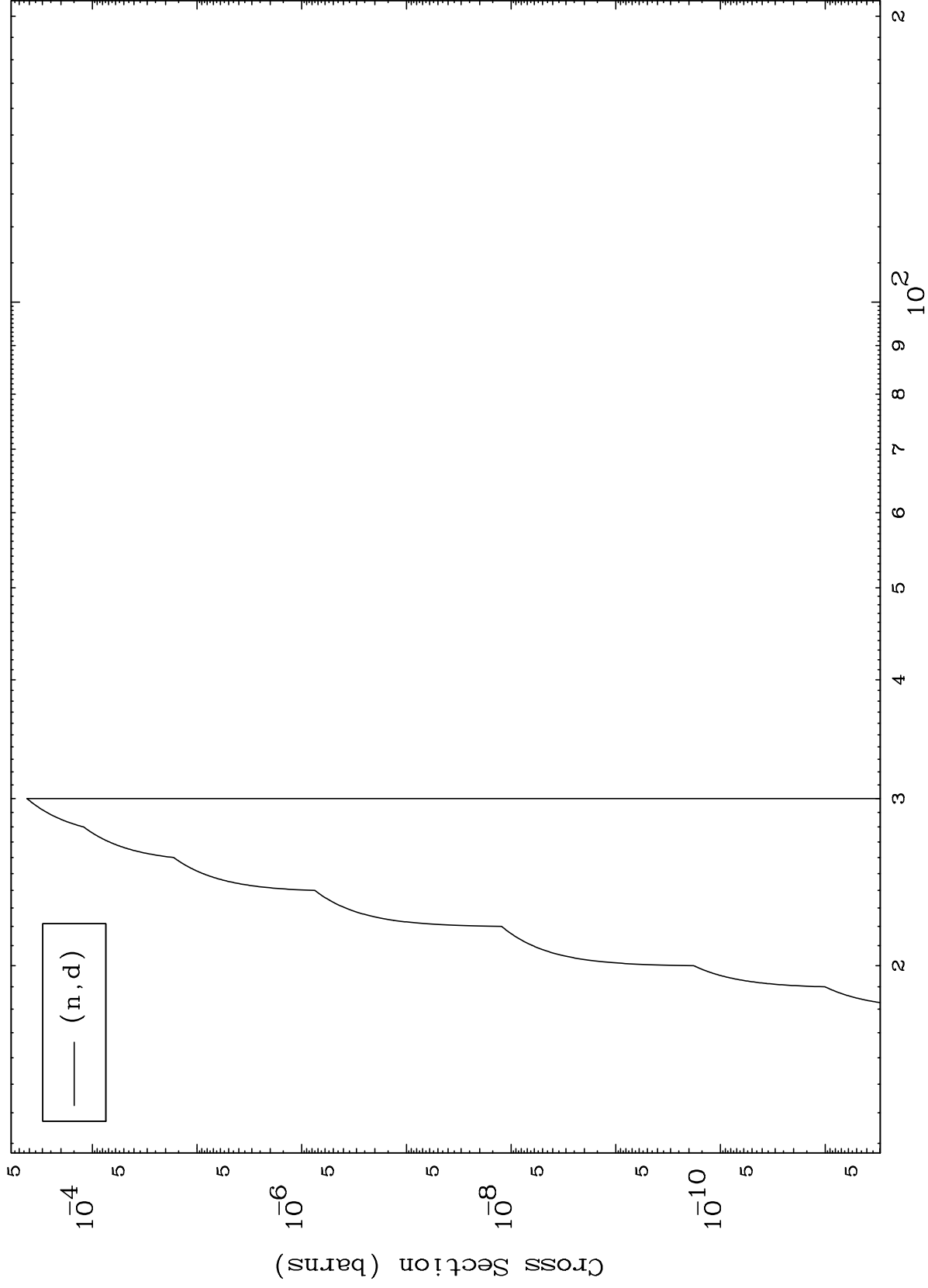
0 Kelvin Cross Sections



MAT 8299

(α, d) Levels
0 Kelvin Cross Sections

^{83}Bi -200m



7

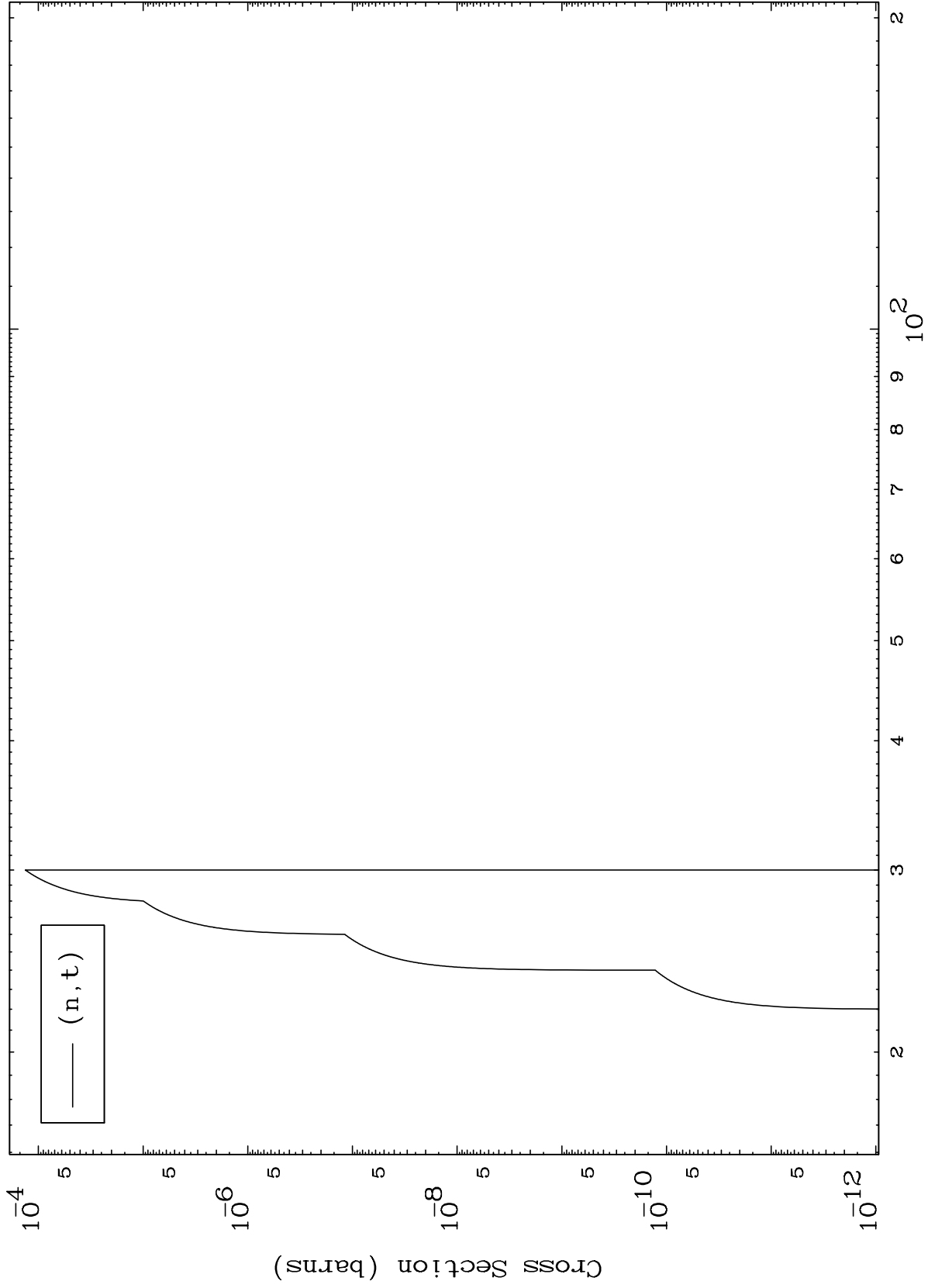
Incident Energy (MeV)

^{83}Bi -200m

MAT 8299

(α, t) Levels
0 Kelvin Cross Sections

^{83}Bi -200m



8

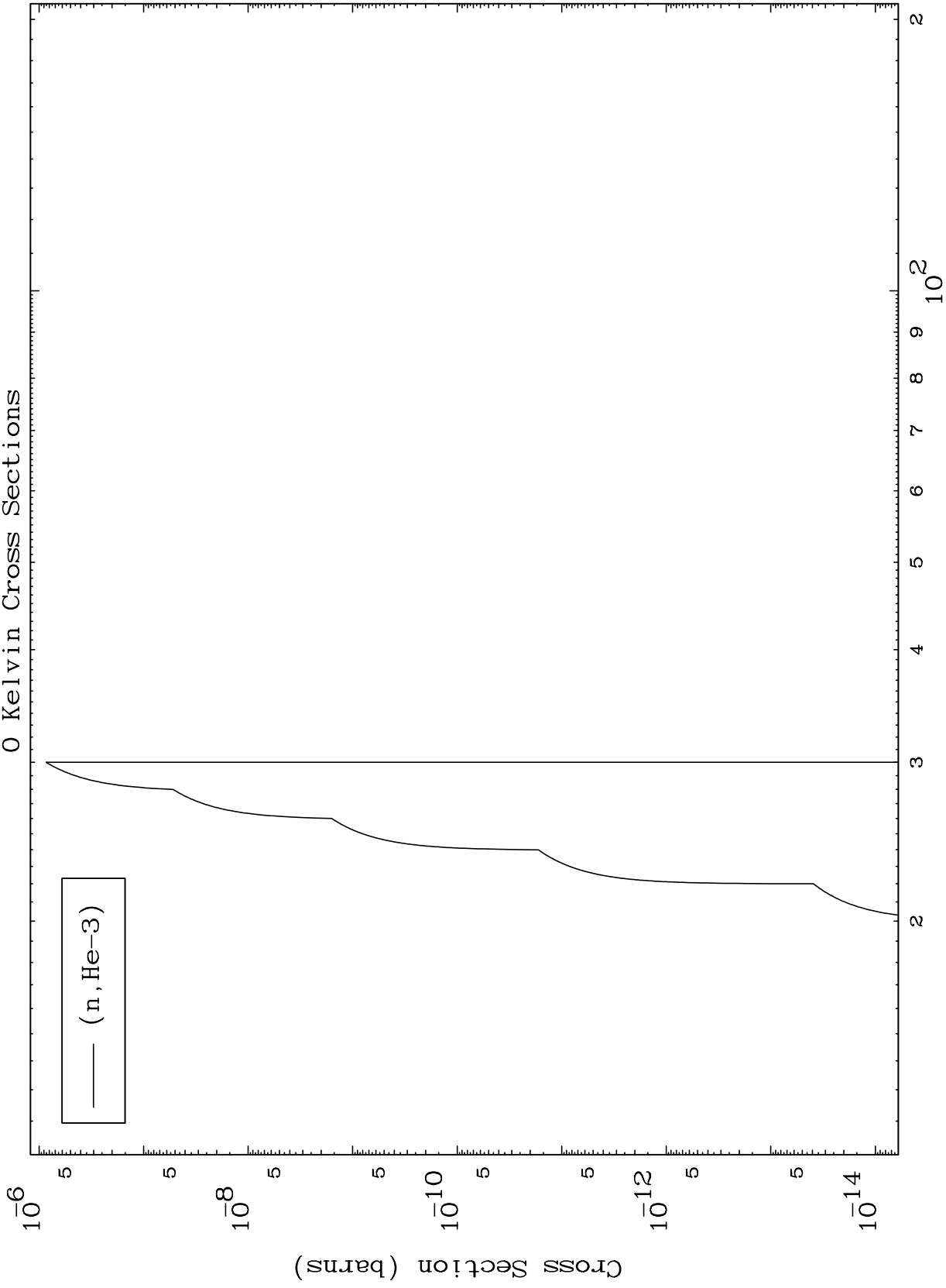
Incident Energy (MeV)

^{83}Bi -200m

MAT 8299

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

$^{83}\text{Bi}-200\text{m}$

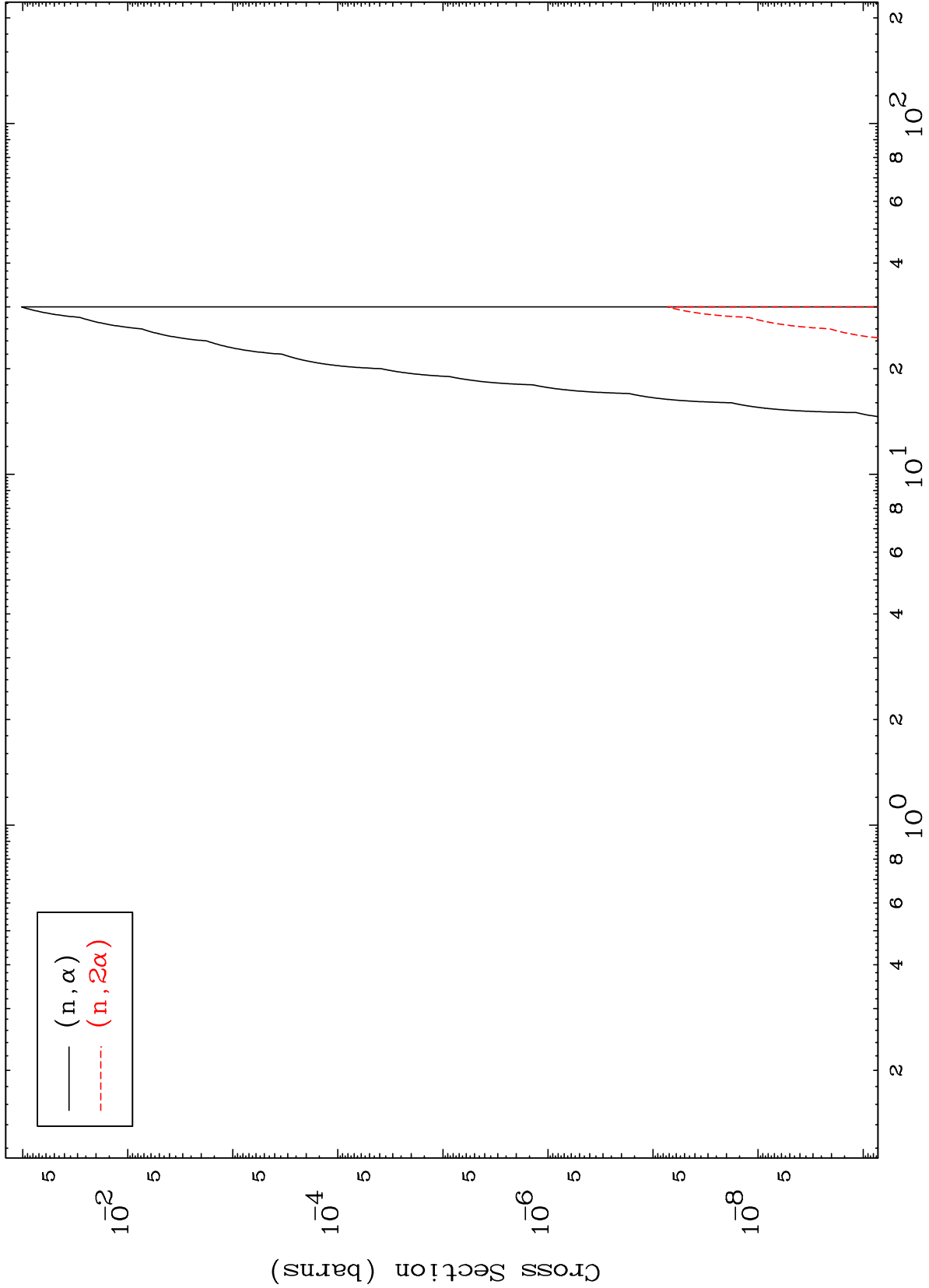


MAT 8299

(α, α) Levels

^{83}Bi -200m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

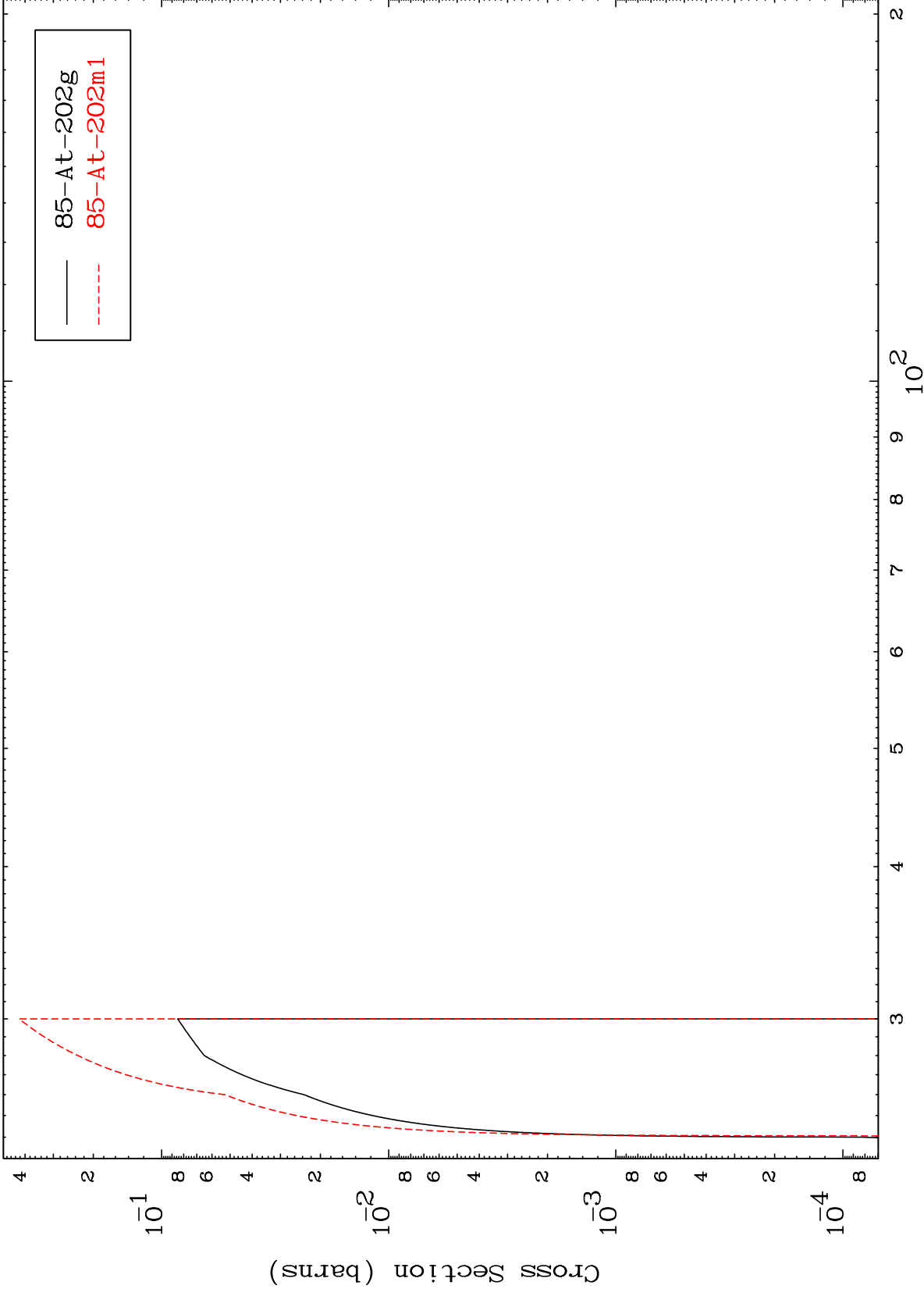
^{83}Bi -200m

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(n,2n)

83-Bi-200m

Radionuclide Production Cross Section

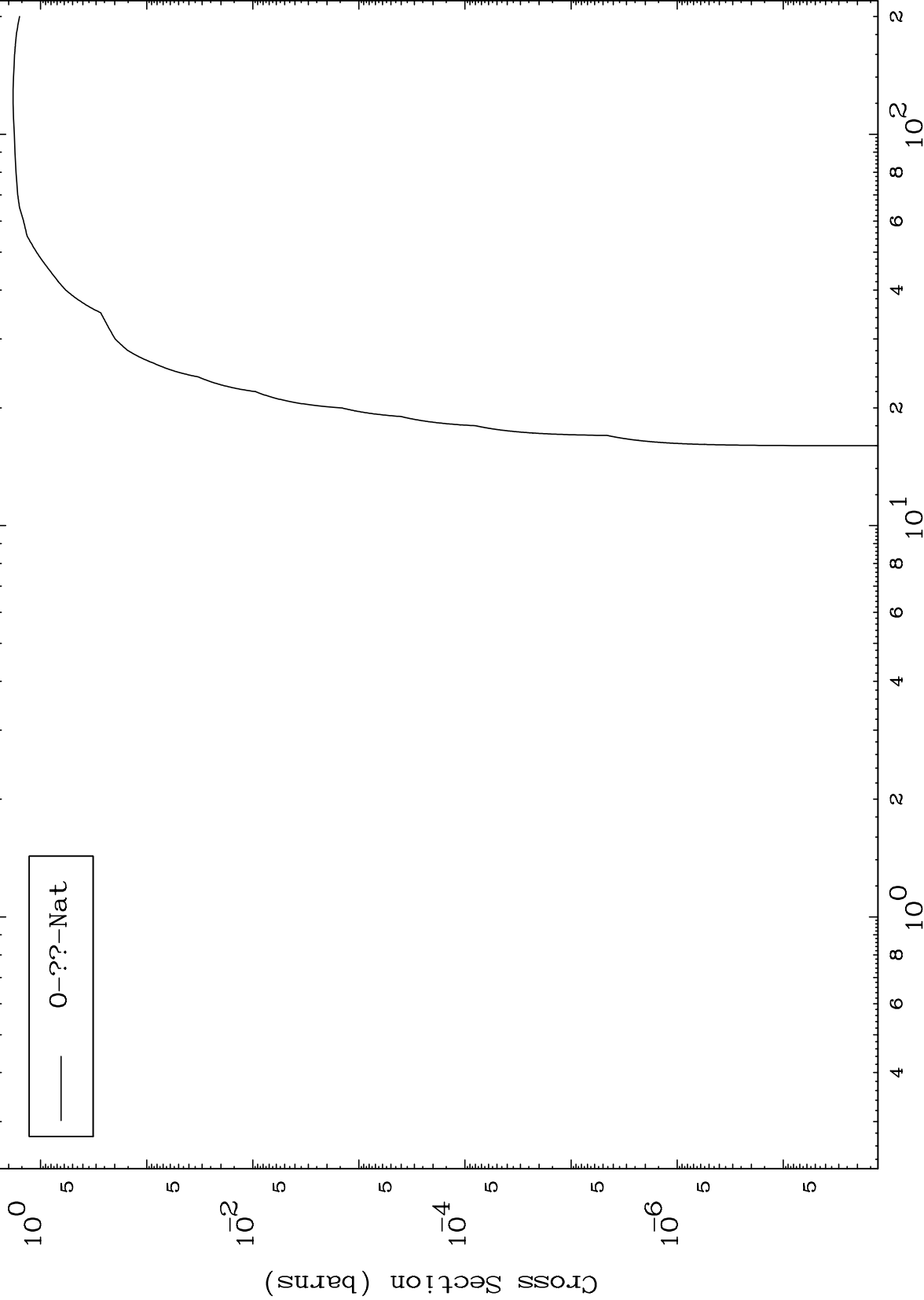


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Fission

⁸³Bi-200m

Radionuclide Production Cross Section

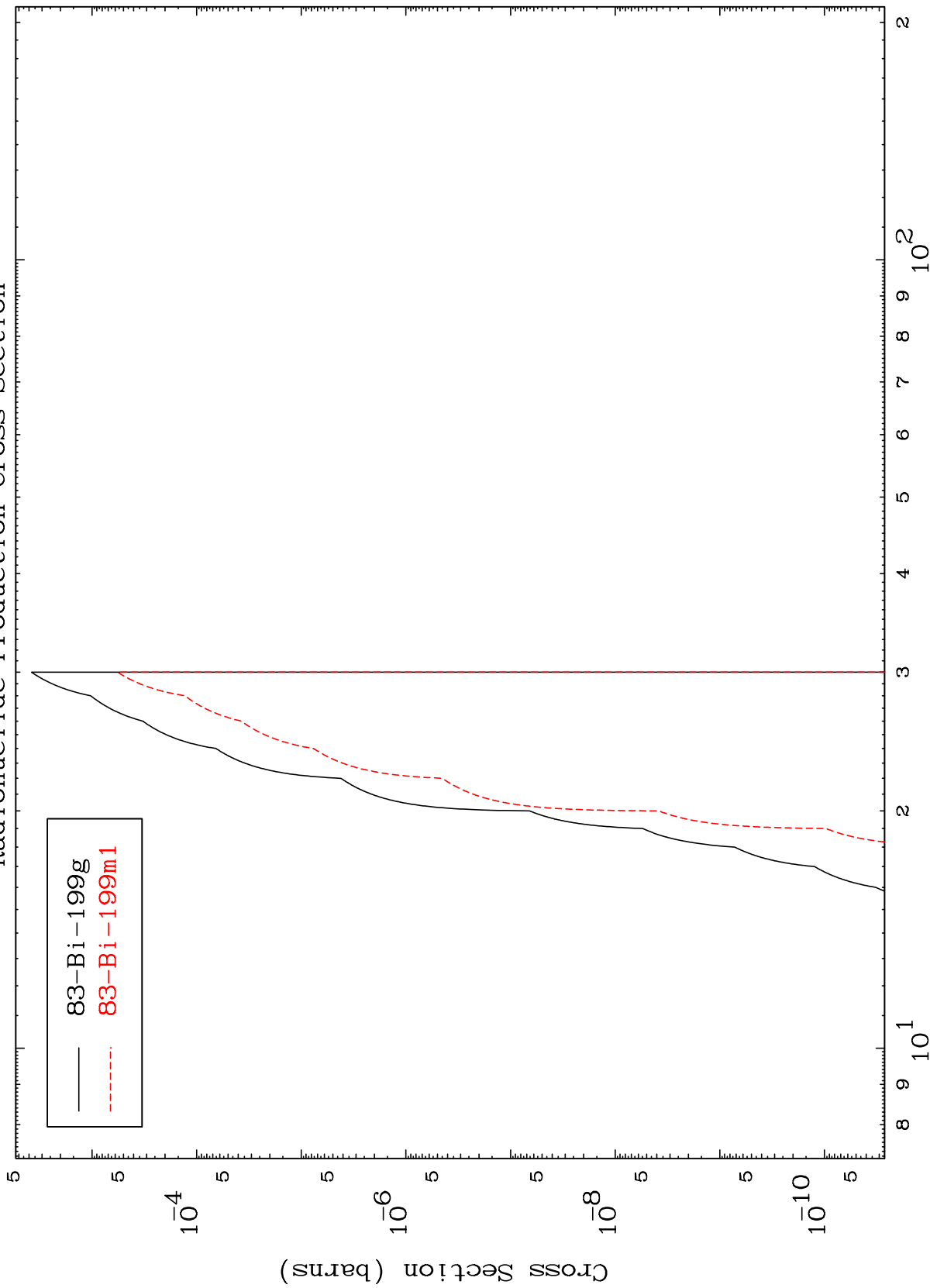


MAT 8299

^{83}Bi -200m

$(n, n') \alpha$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

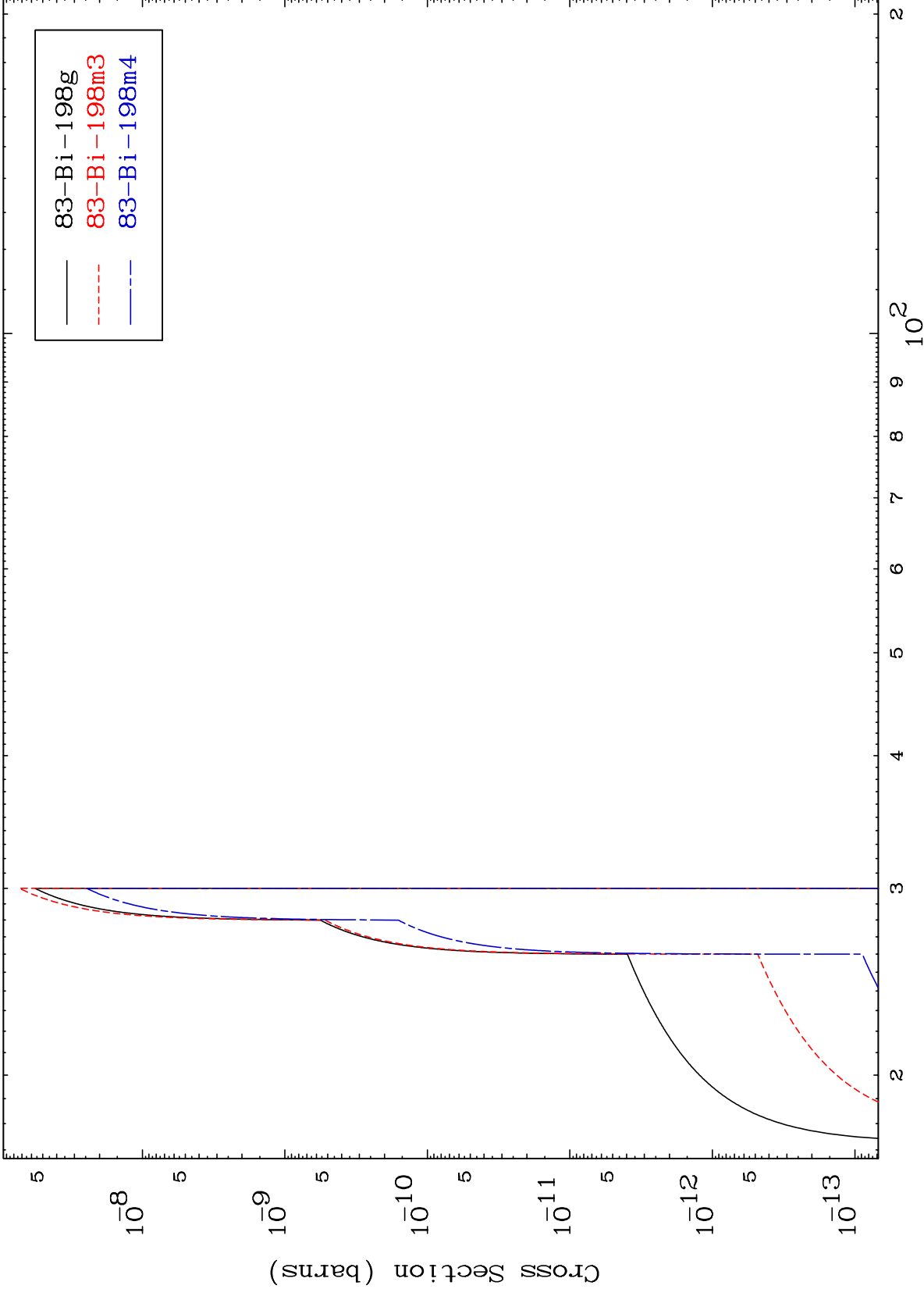
^{83}Bi -200m

MAT 8299

$(n,2n) \alpha$

$^{83}\text{Bi}-200\text{m}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

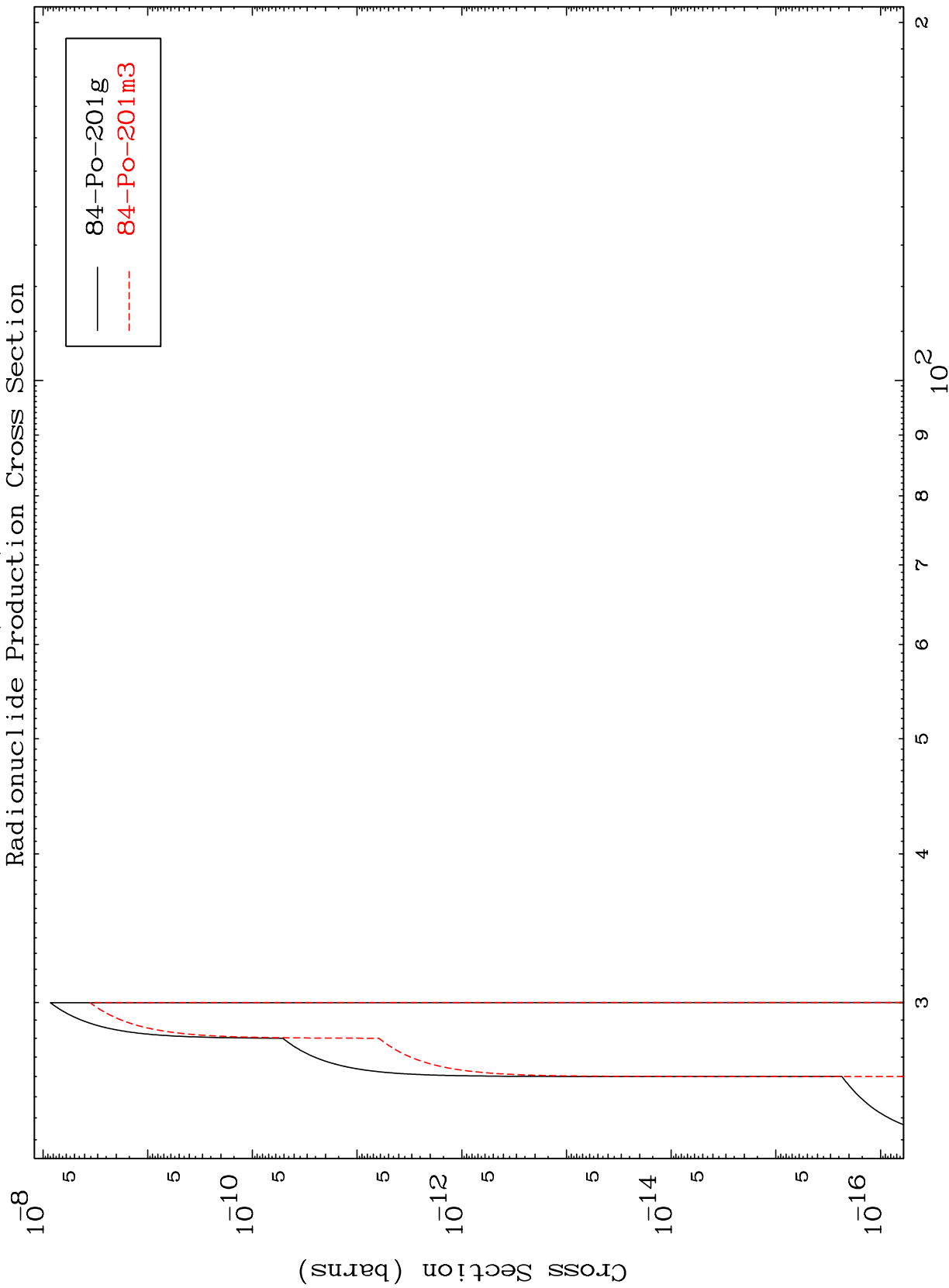
$^{83}\text{Bi}-200\text{m}$

MAT 8299

(n,n') d

83-Bi-200m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

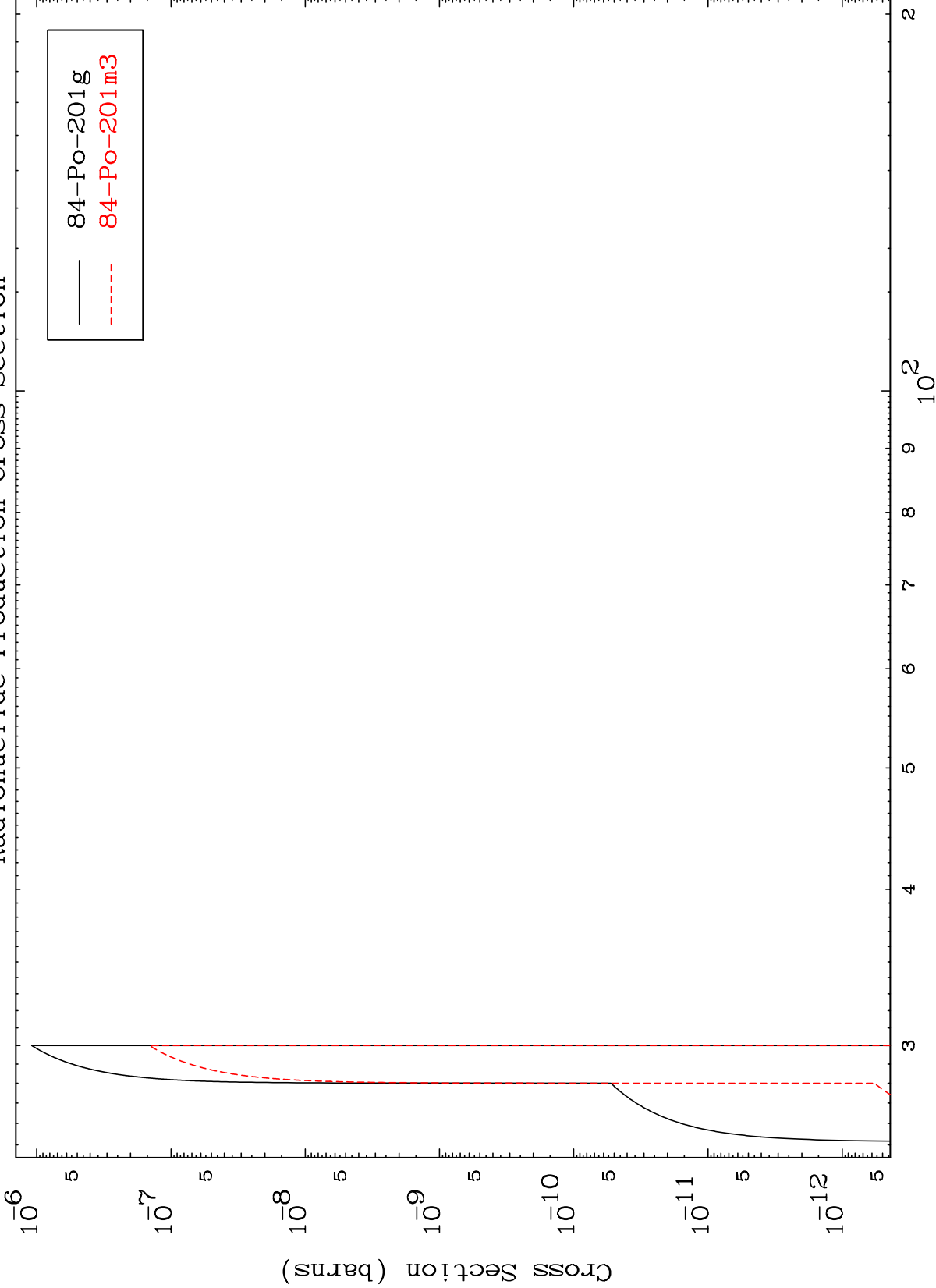
83-Bi-200m

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(n,2n) p

83-Bi-200m

Radionuclide Production Cross Section



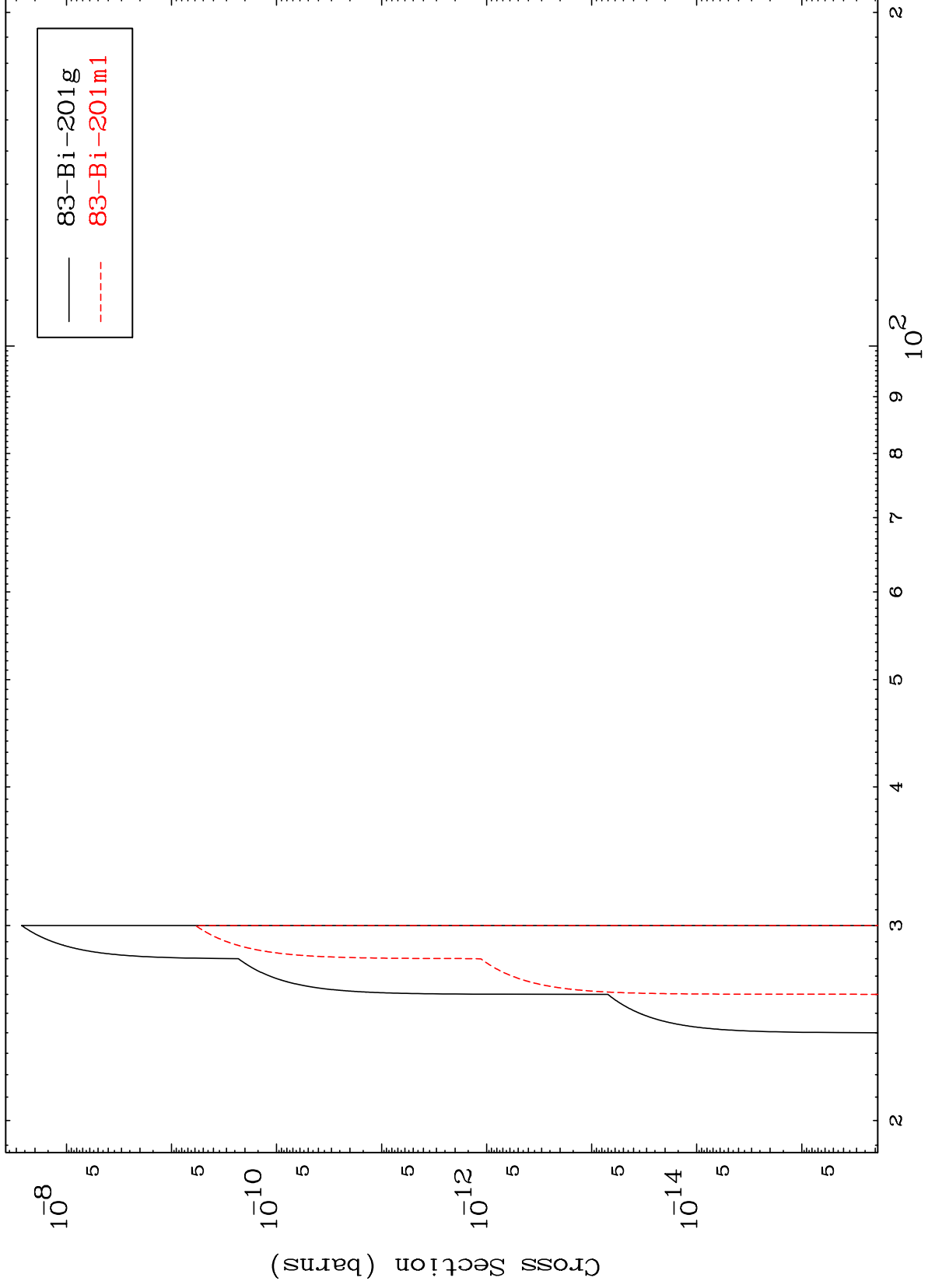
84-Po-201g
84-Po-201m3

MAT 8299

$(n,2n)$ p

$^{83}\text{Bi}-200\text{m}$

Radionuclide Production Cross Section



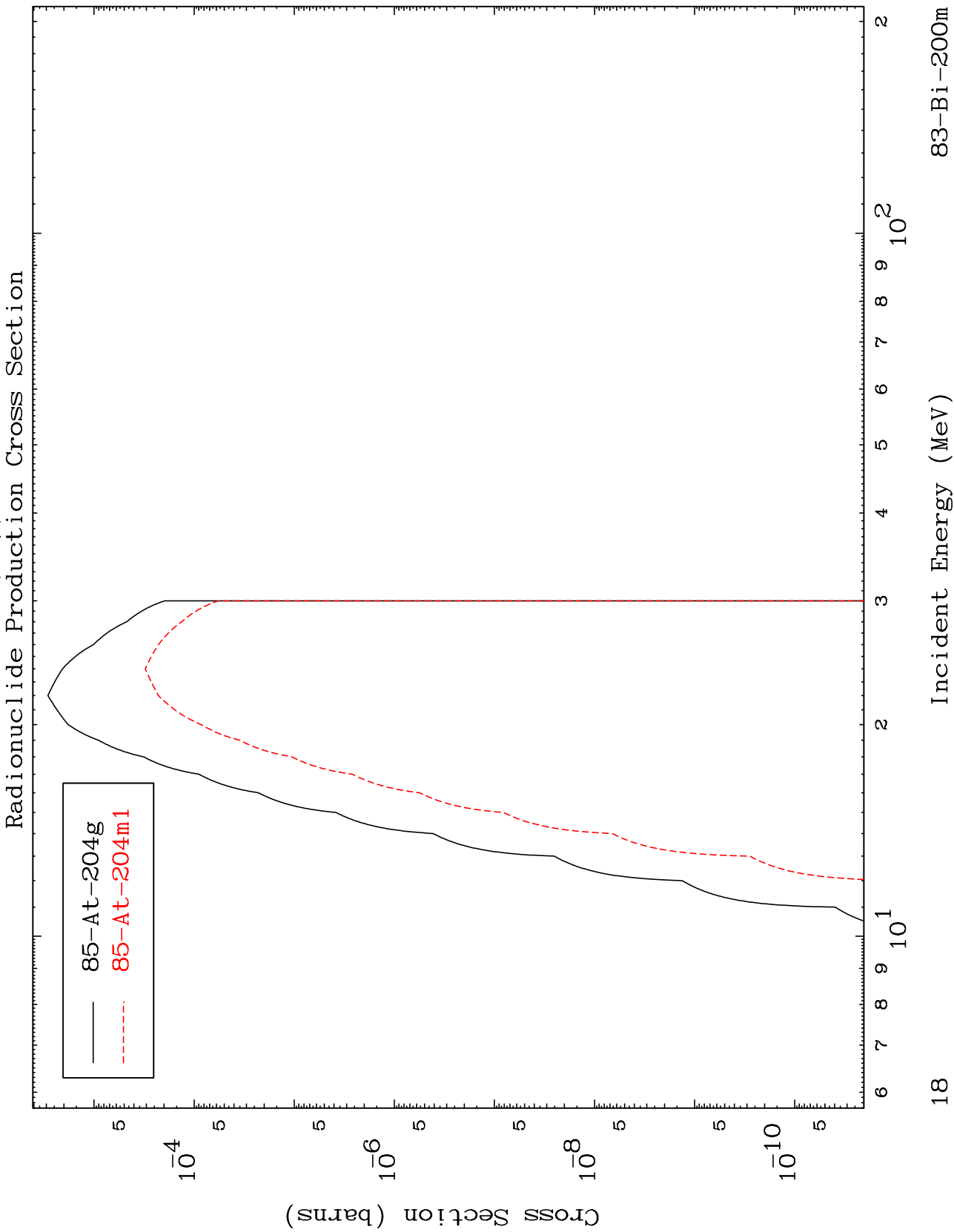
17

Incident Energy (MeV)

$^{83}\text{Bi}-200\text{m}$

MAT 8299

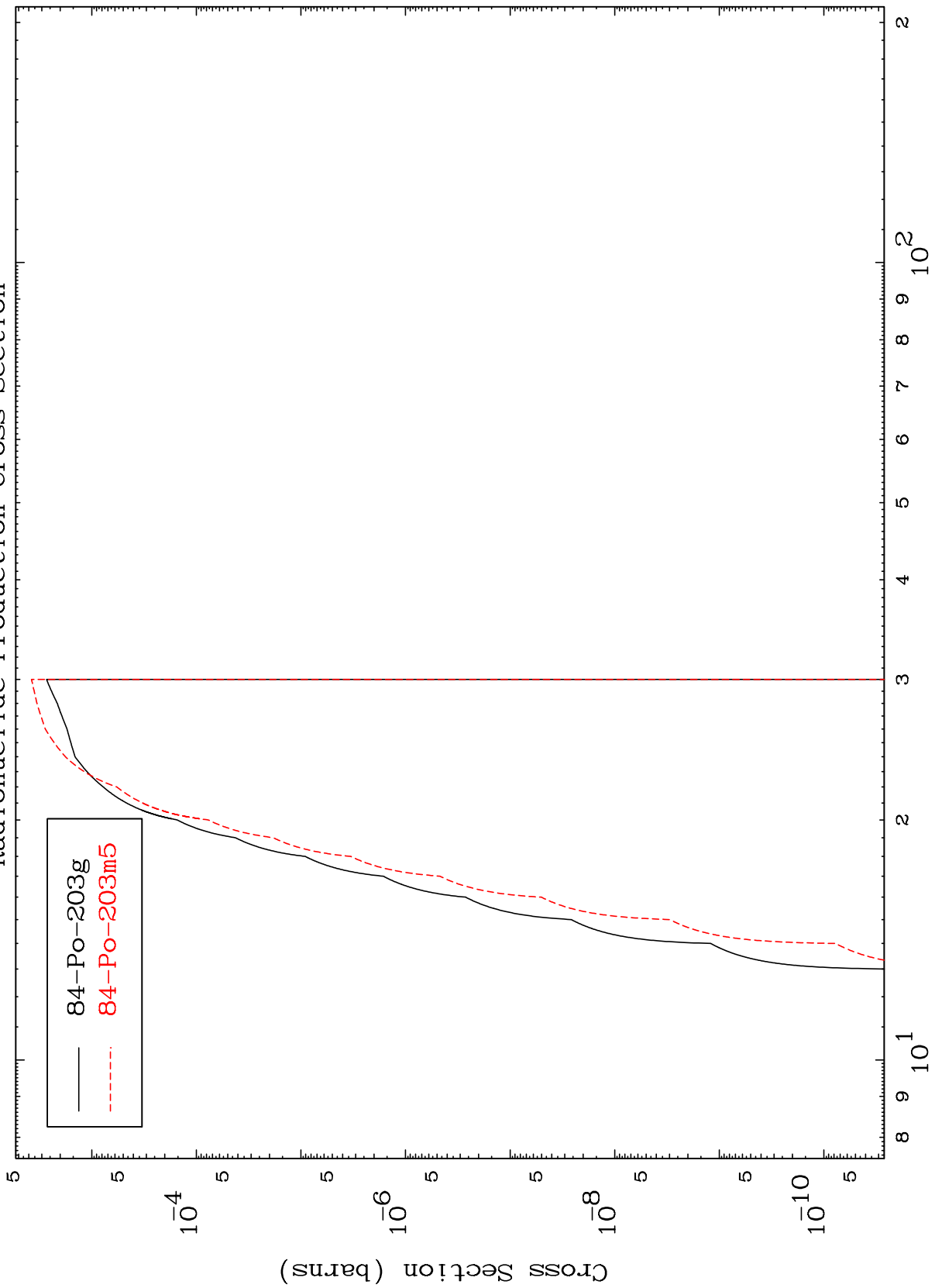
⁸³Bi-200m



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83-Bi-200m

(n,p)
Radionuclide Production Cross Section



19

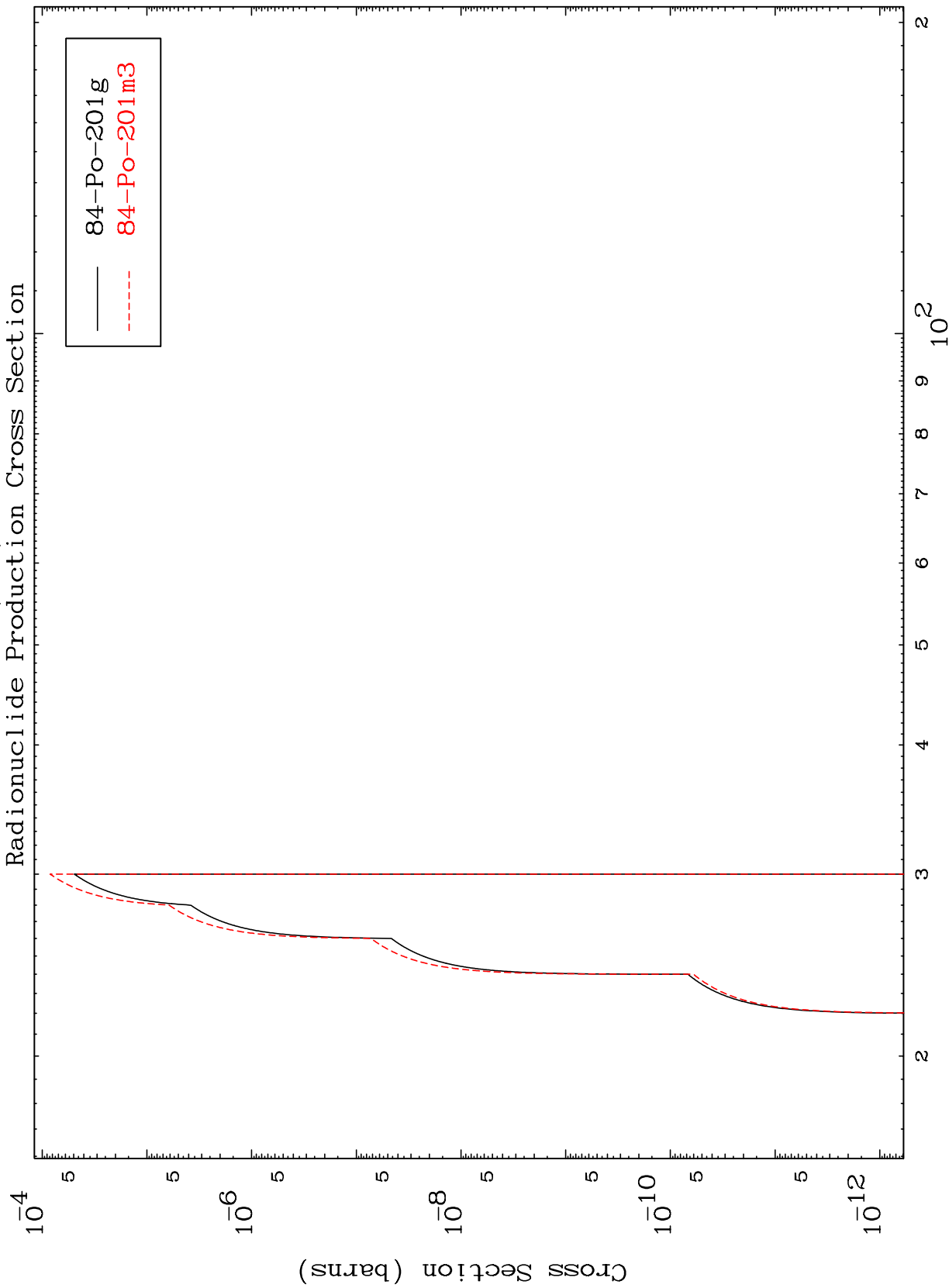
Incident Energy (MeV)

83-Bi-200m

MAT 8299

83-Bi-200m

(n, t)
Radionuclide Production Cross Section



20

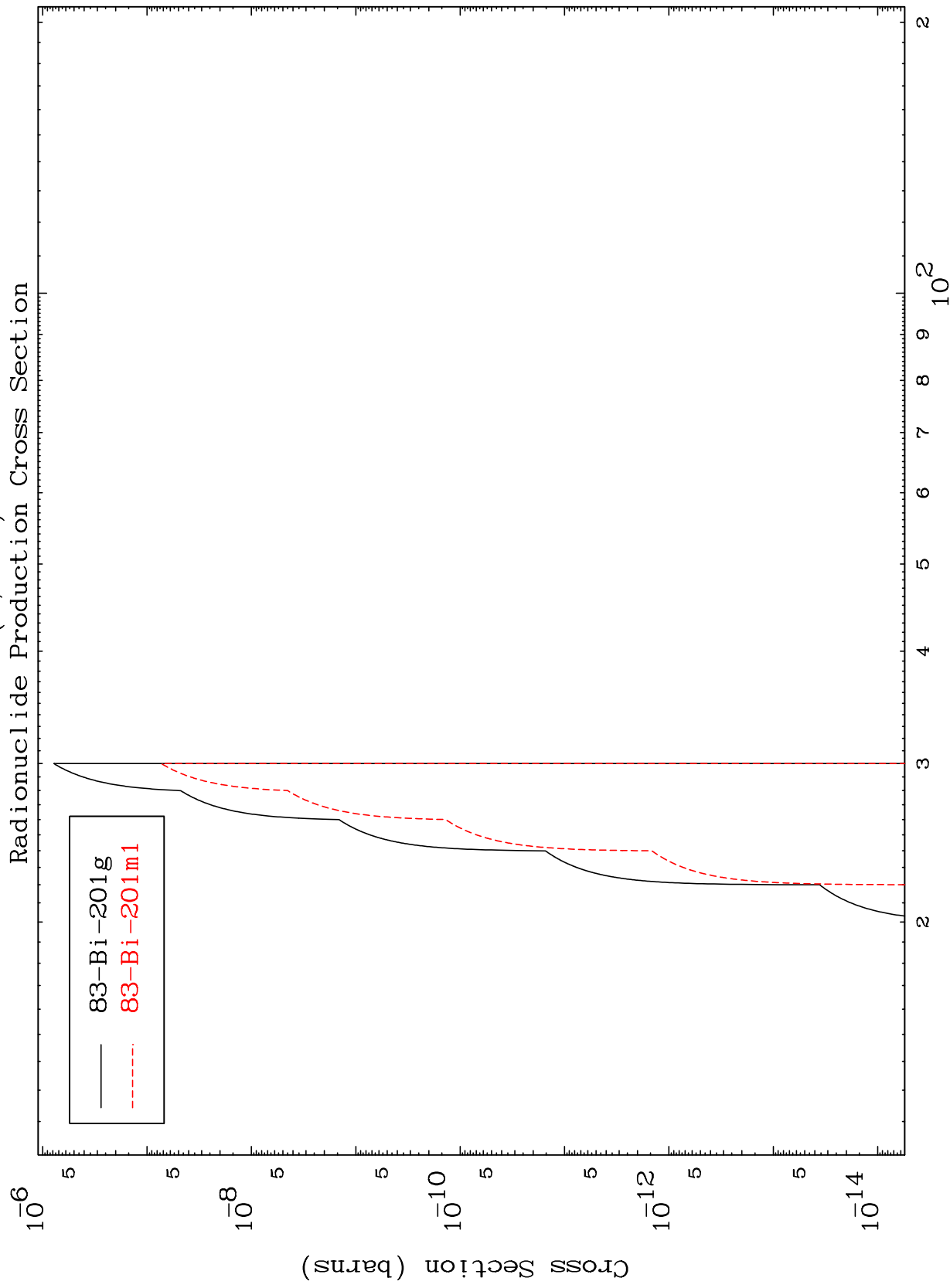
Incident Energy (MeV)

83-Bi-200m

MAT 8299

83-Bi-200m

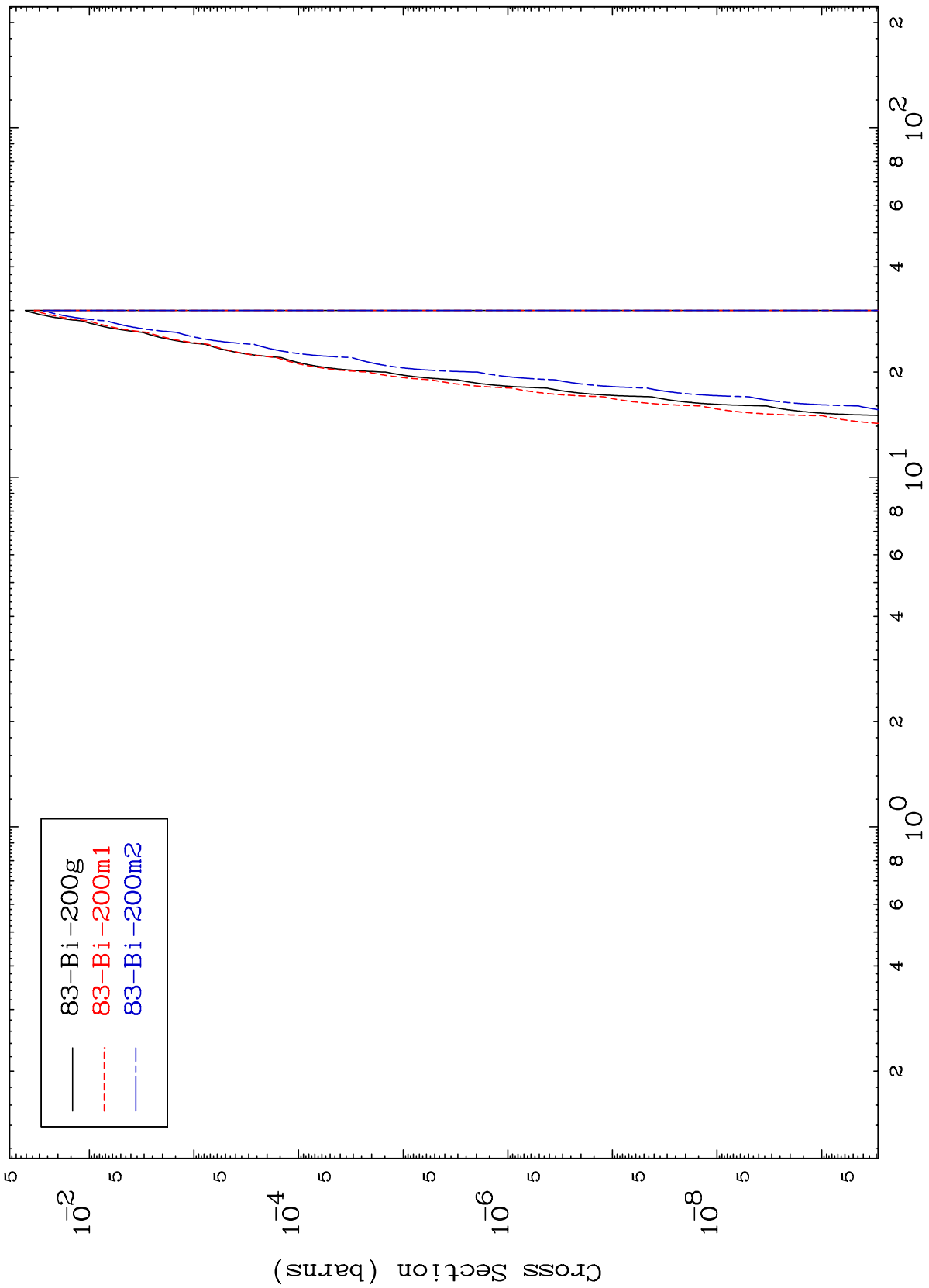
Radionuclide Production Cross Section
(n,He-3)



MAT 8299

⁸³Bi-200m

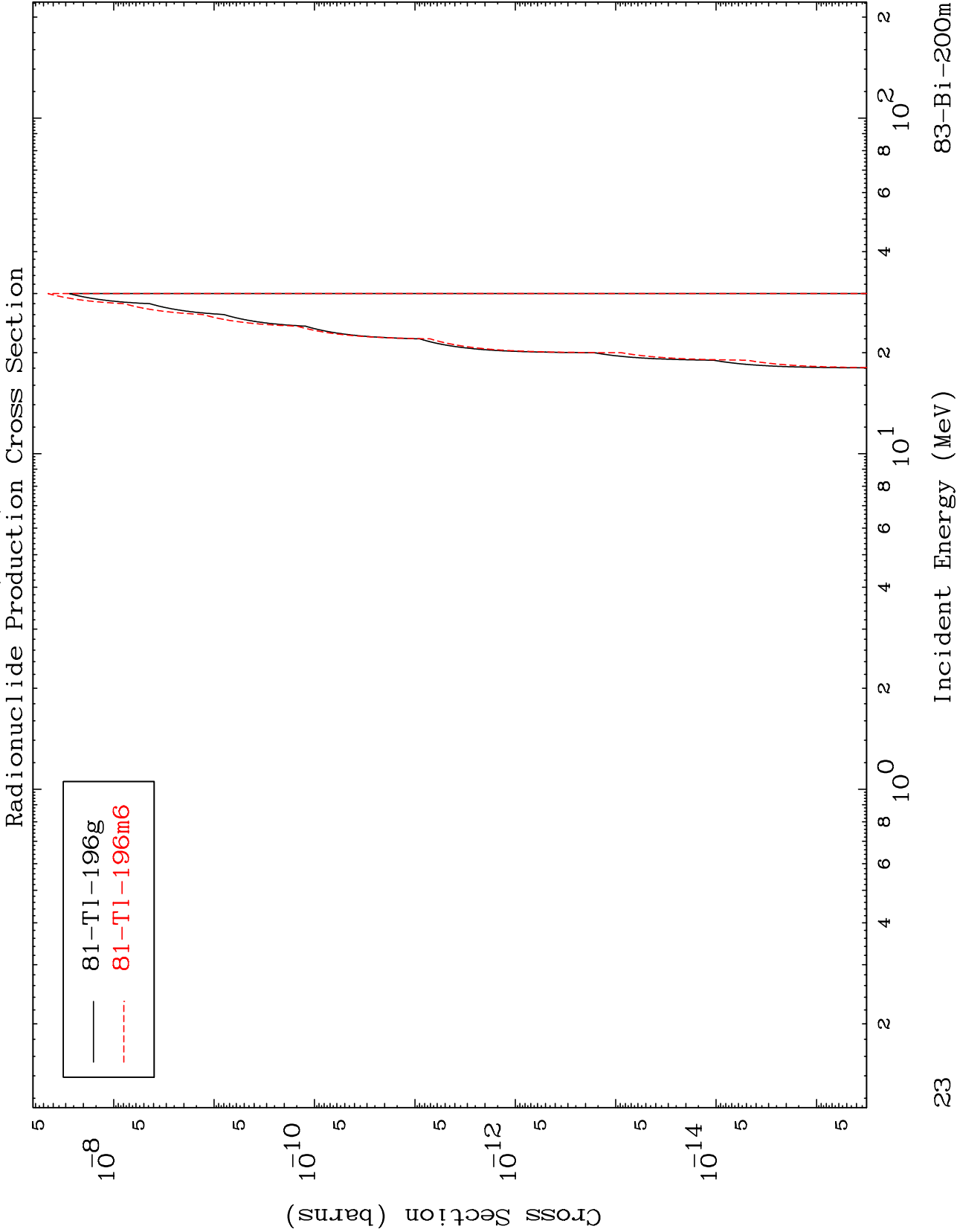
Radionuclide Production Cross Section
(n,α)



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(n,2α)

83-Bi-200m

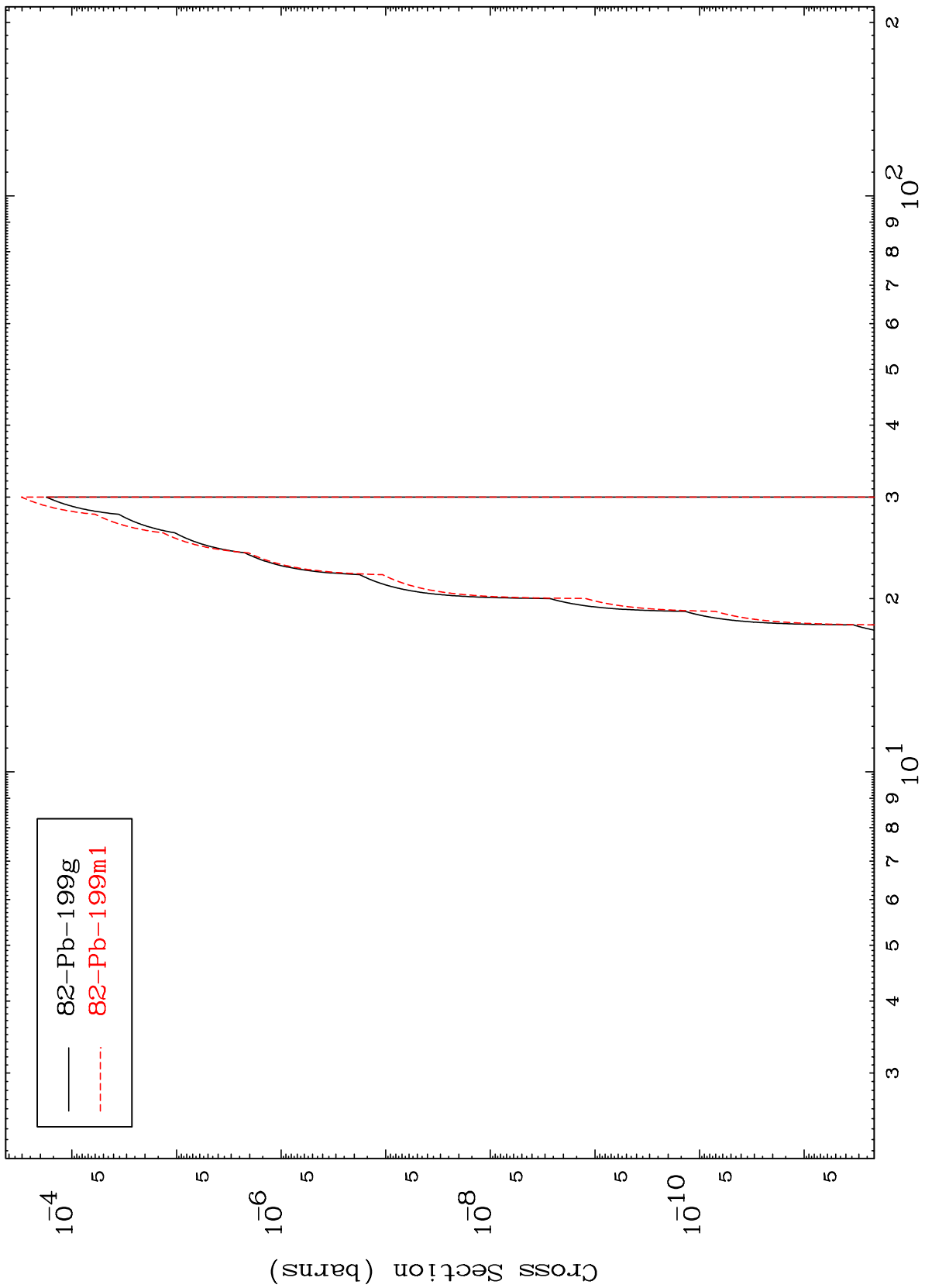


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(n,p) α

^{83}Bi -200m

Radionuclide Production Cross Section



— 82-Pb-199g
- - - 82-Pb-199m1