

Program EVALPLOT
(Version 2021-1)

by

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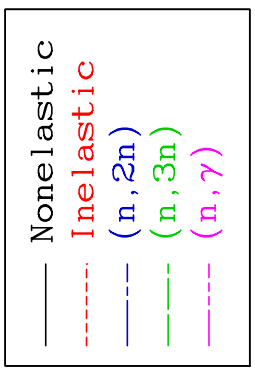
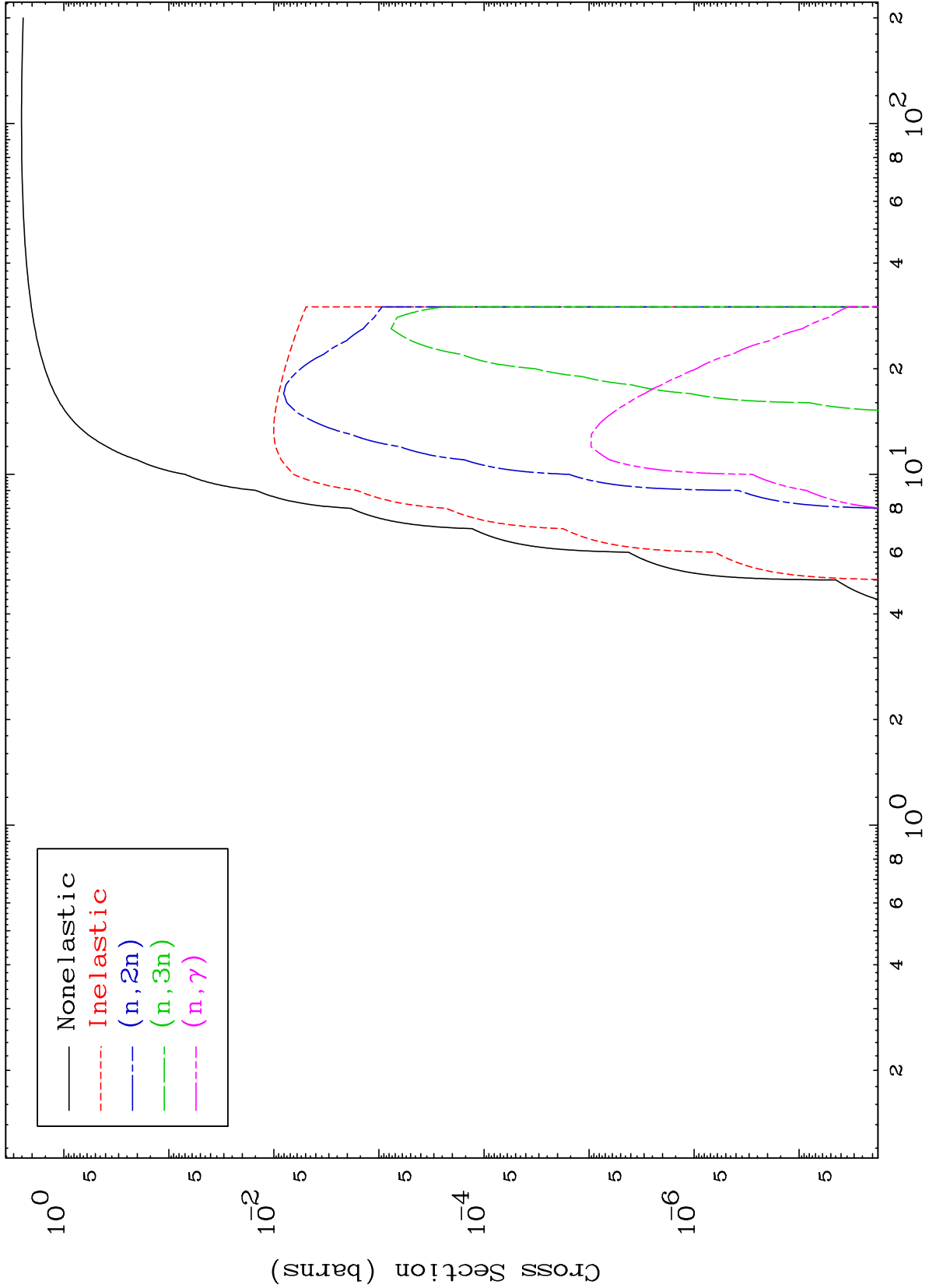
Press Mouse Button to Start

MAT 8275

Triton Major

83-Bi-192m

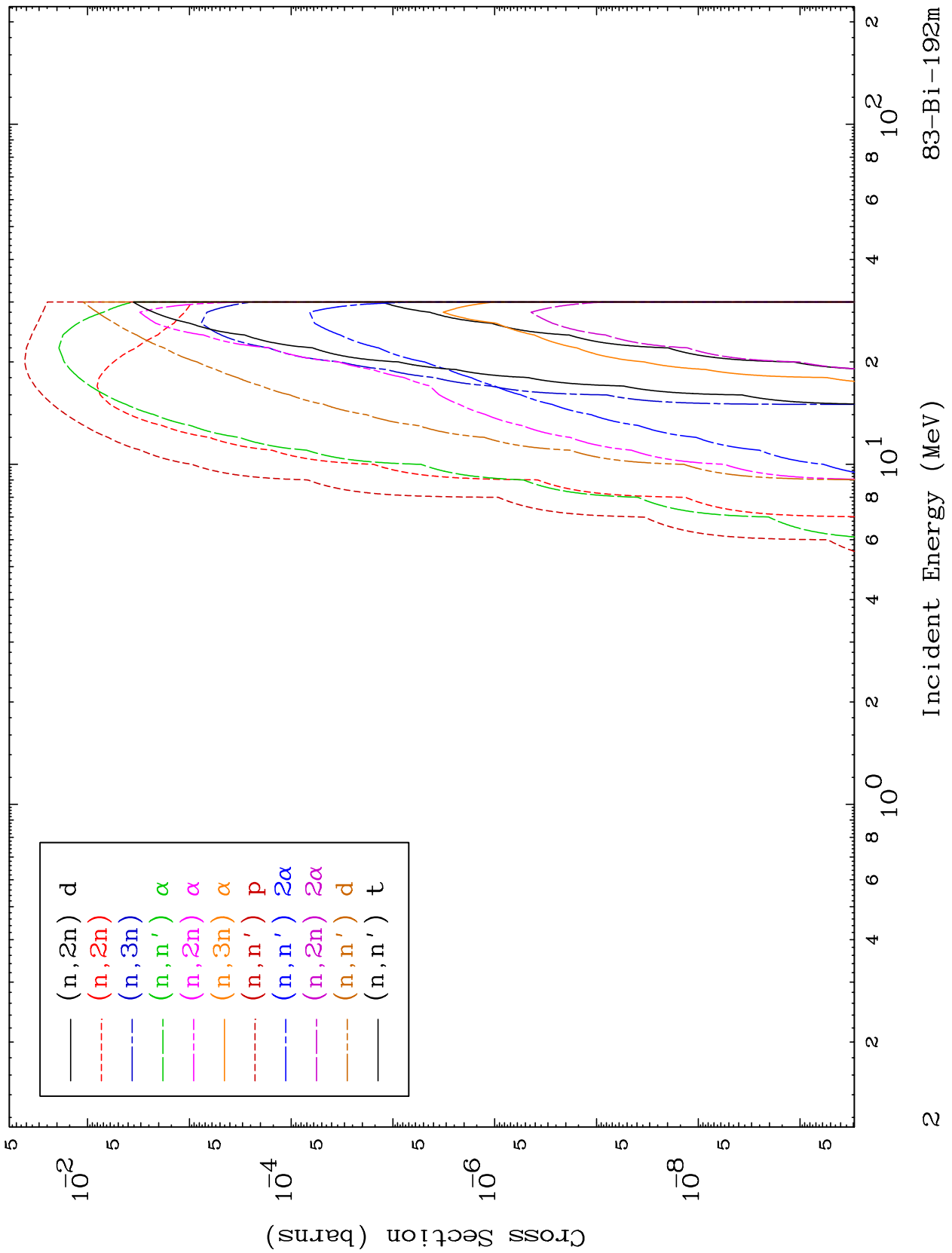
0 Kelvin Cross Sections



MAT 8275

Triton Neutron Absorption
0 Kelvin Cross Sections

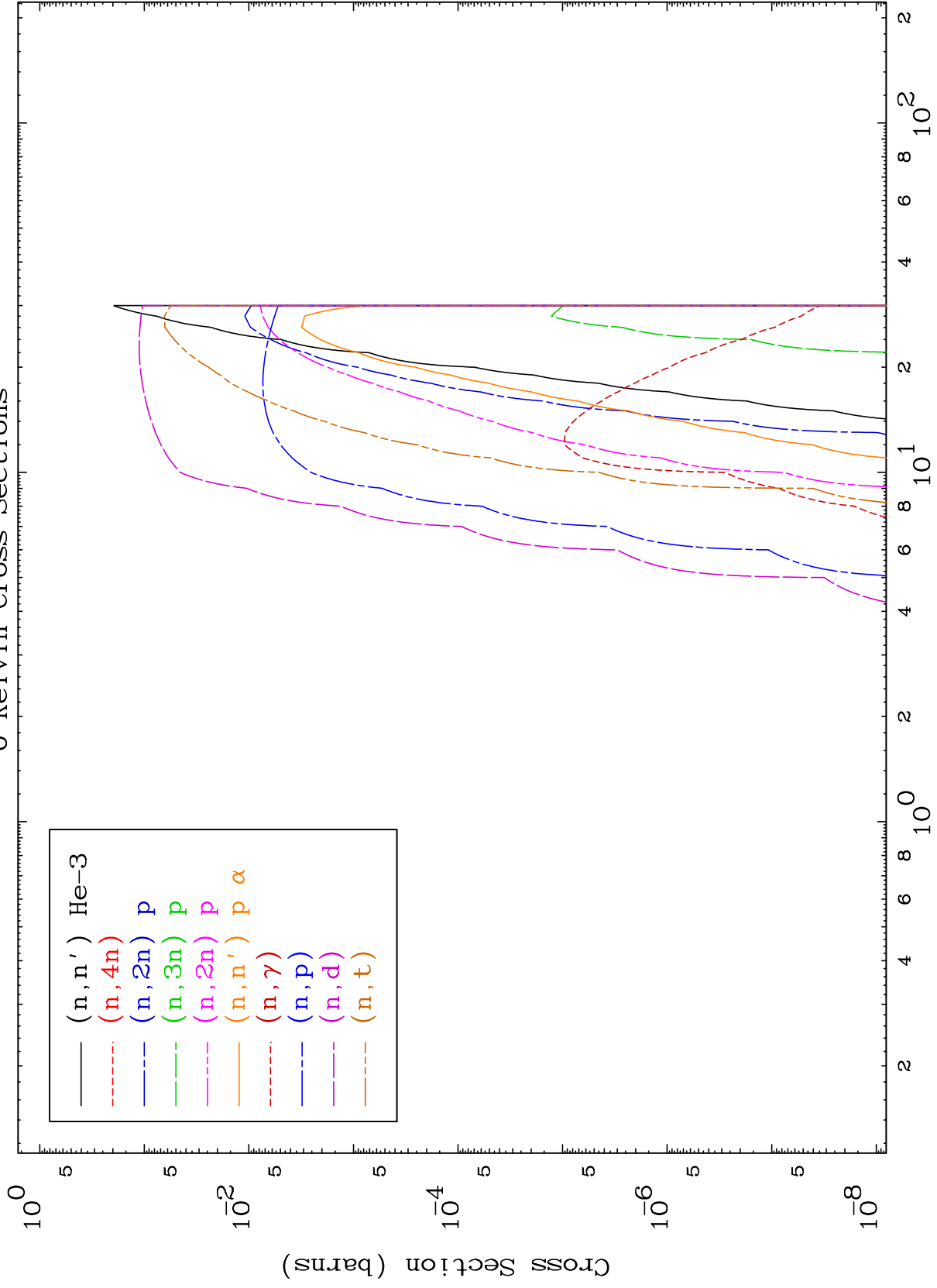
83-Bi-192m



MAT 8275

Triton Neutron Absorption
0 Kelvin Cross Sections

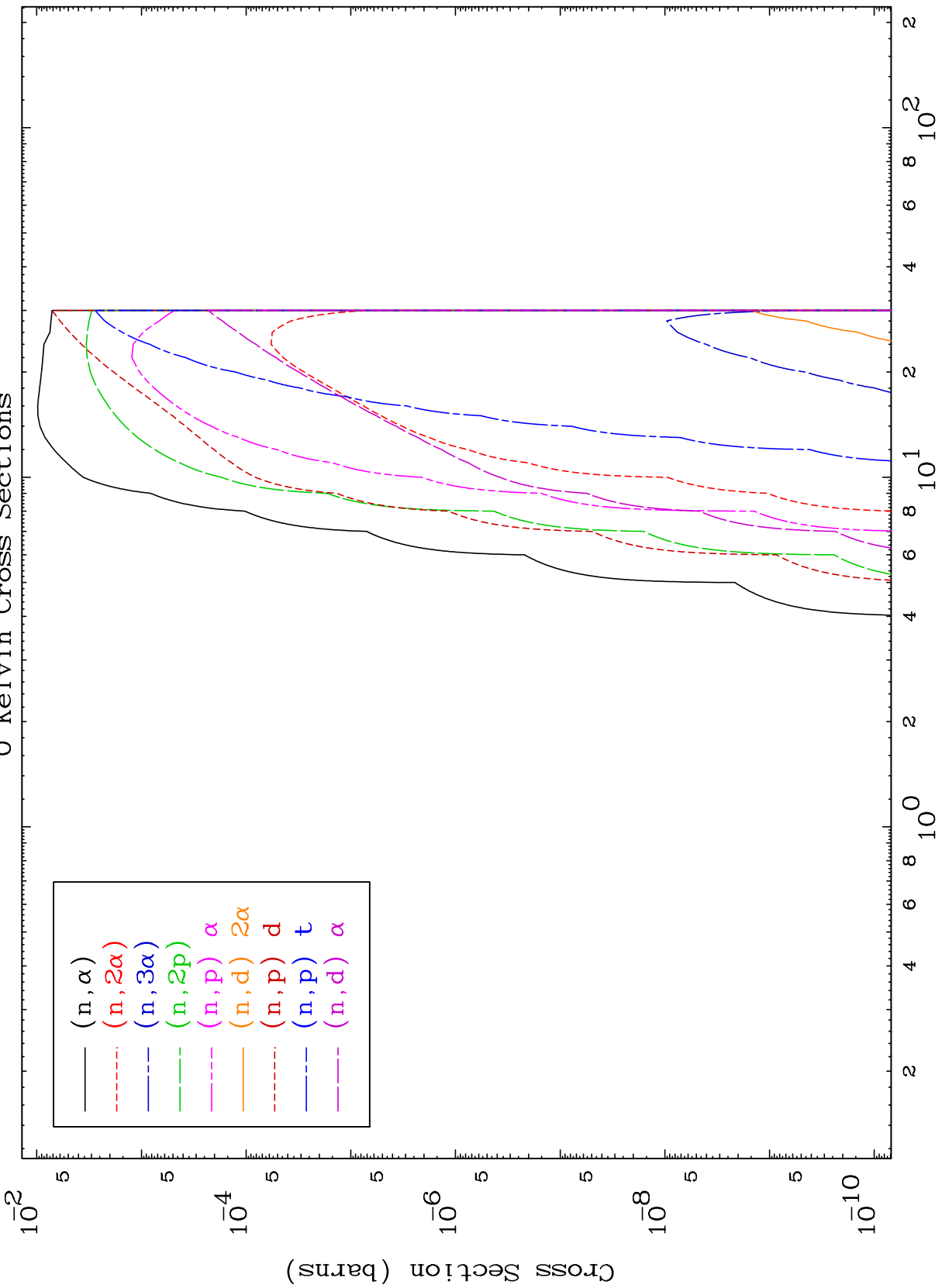
83-Bi-192m



MAT 8275

Triton Neutron Absorption
0 Kelvin Cross Sections

83-Bi-192m



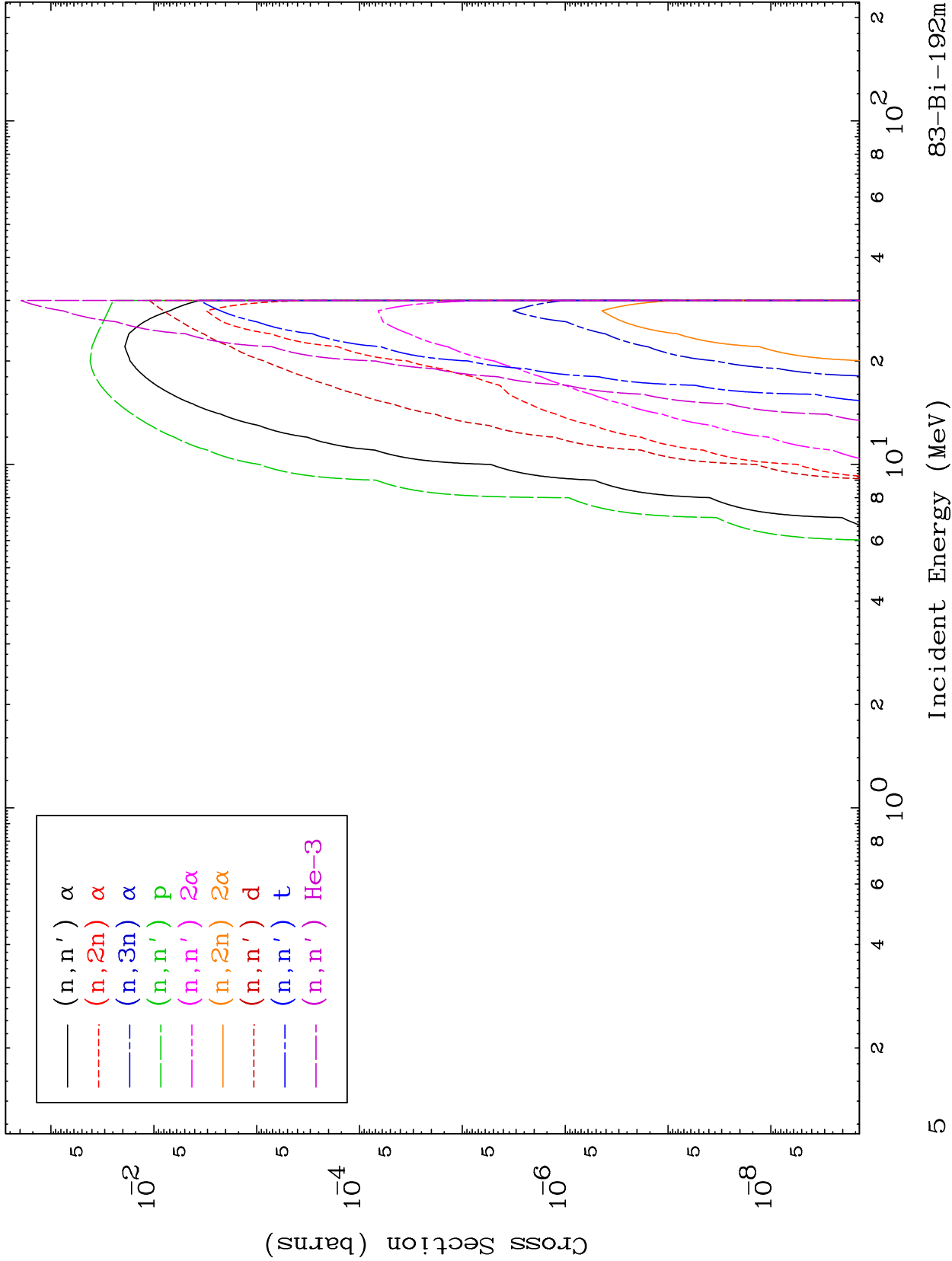
83-Bi-192m

Incident Energy (MeV)

MAT 8275

Triton Charged Particle
0 Kelvin Cross Sections

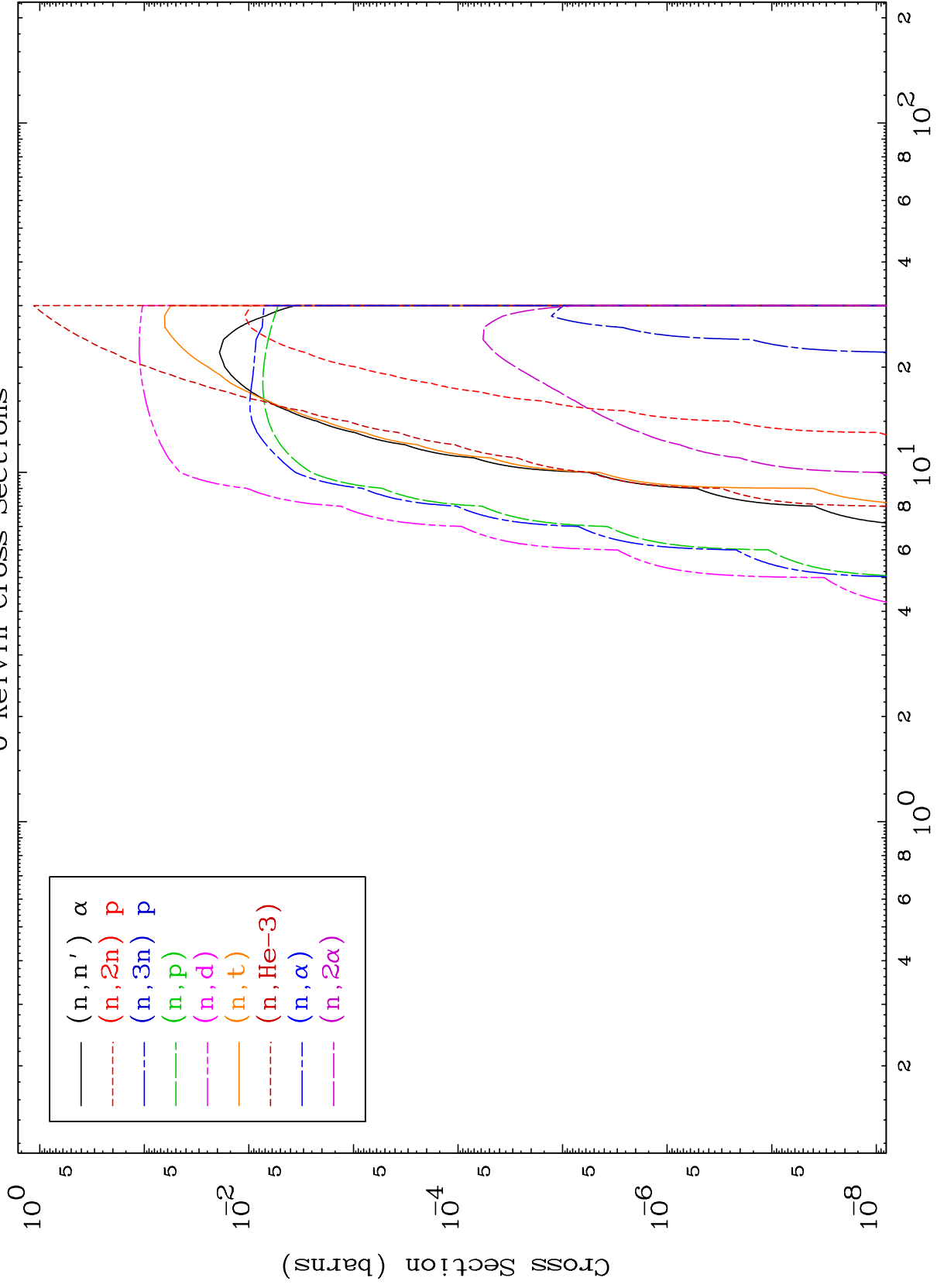
83-Bi-192m



MAT 8275

Triton Charged Particle
0 Kelvin Cross Sections

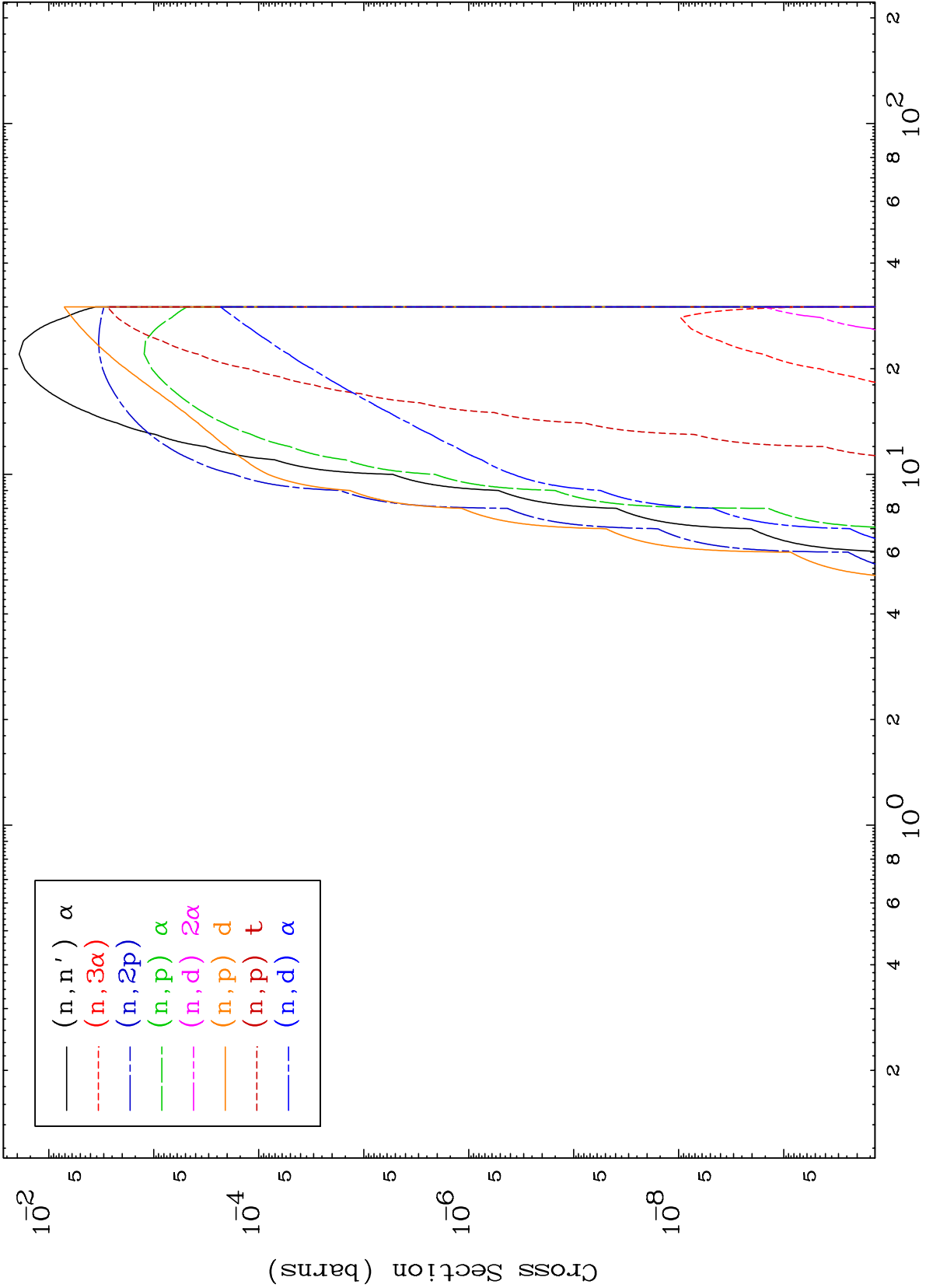
83-Bi-192m



MAT 8275

Triton Charged Particle
0 Kelvin Cross Sections

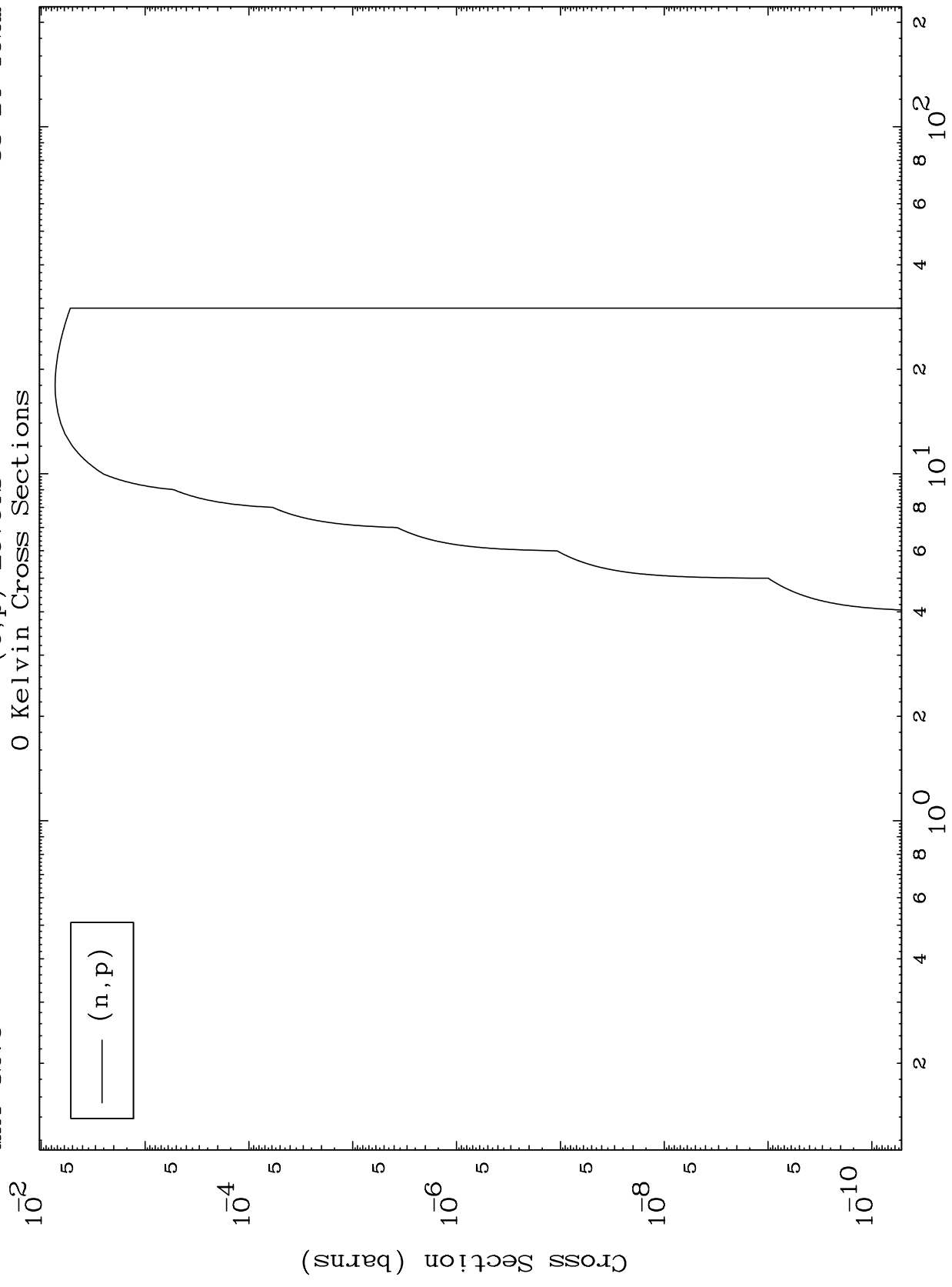
83-Bi-192m



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83-Bi-192m

(t,p) Levels
0 Kelvin Cross Sections

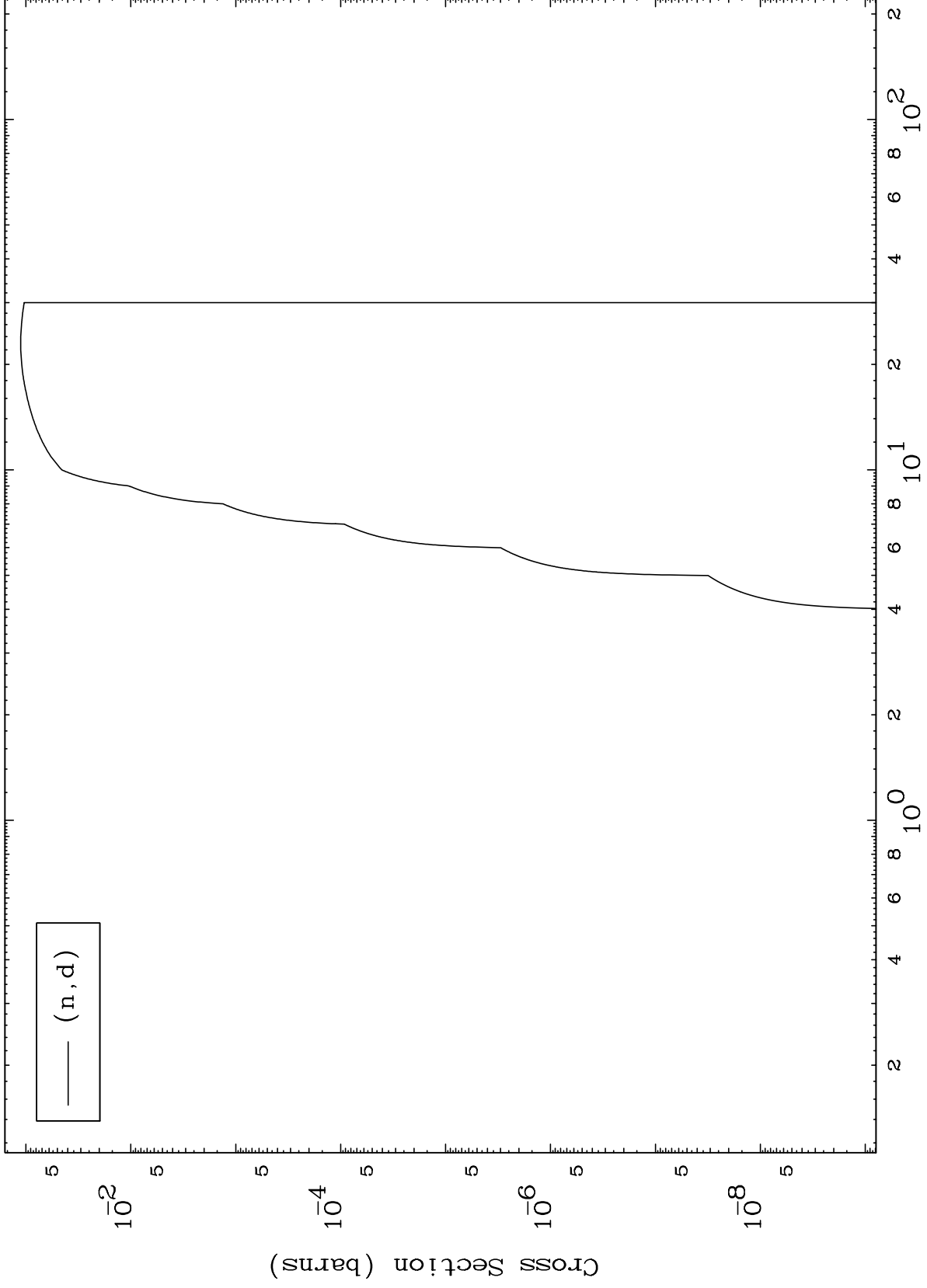


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(t,d) Levels

83-Bi-192m

0 Kelvin Cross Sections

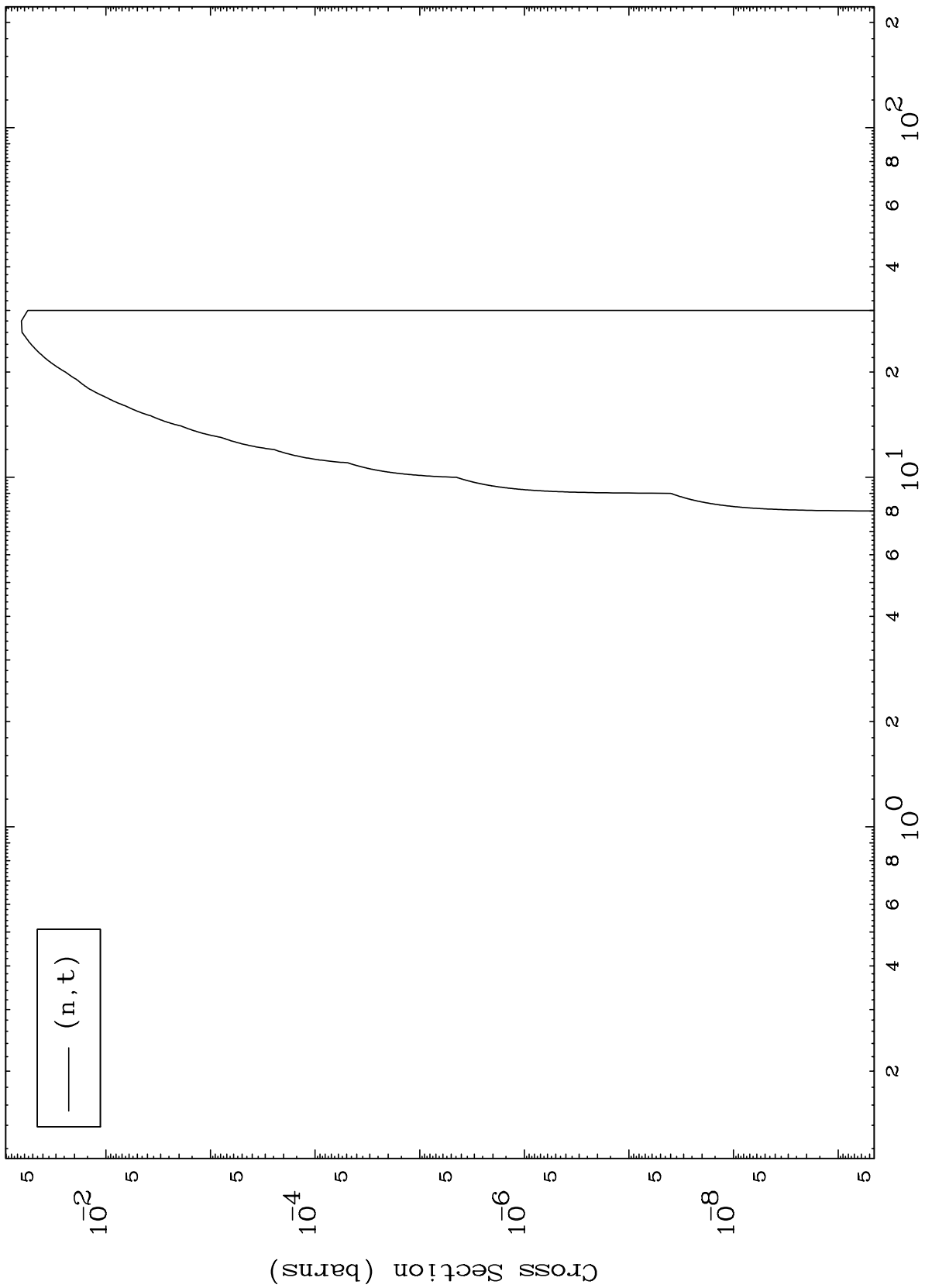


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(t, t) Levels

83-Bi-192m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

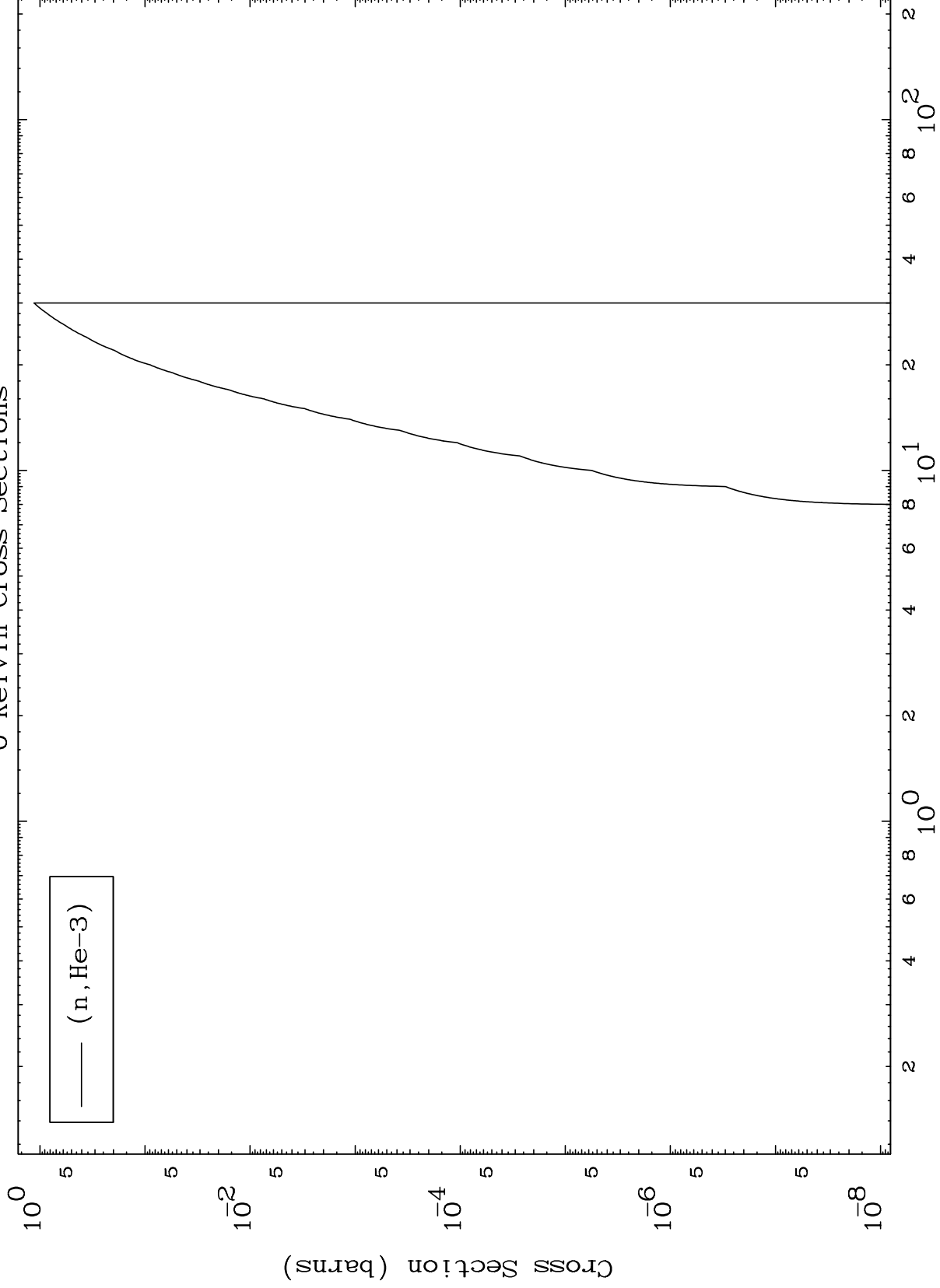
83-Bi-192m

MAT 8275

(t,He3) Levels

83-Bi-192m

0 Kelvin Cross Sections

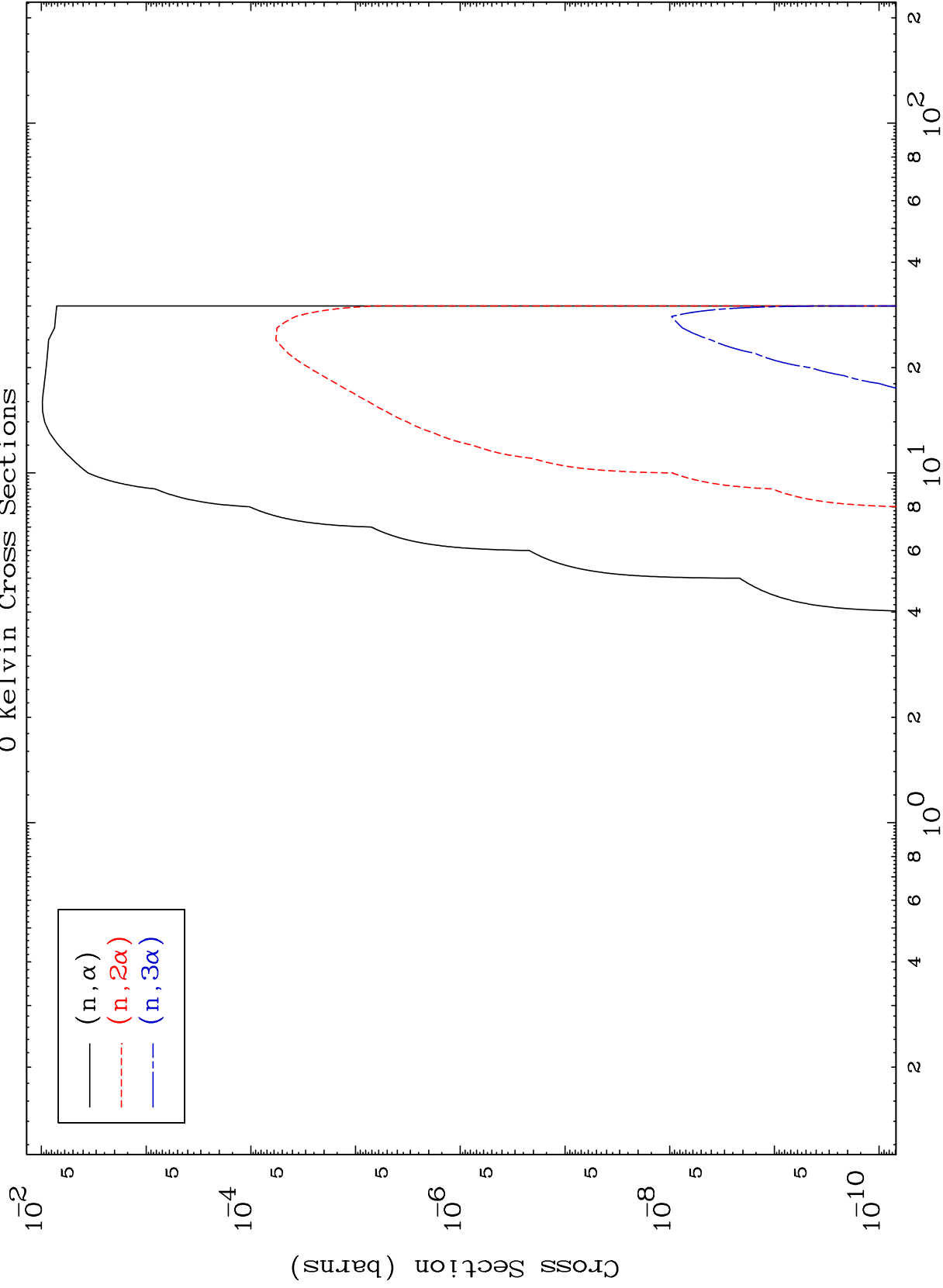


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(t, α) Levels

83-Bi-192m

0 Kelvin Cross Sections



12

Incident Energy (MeV)

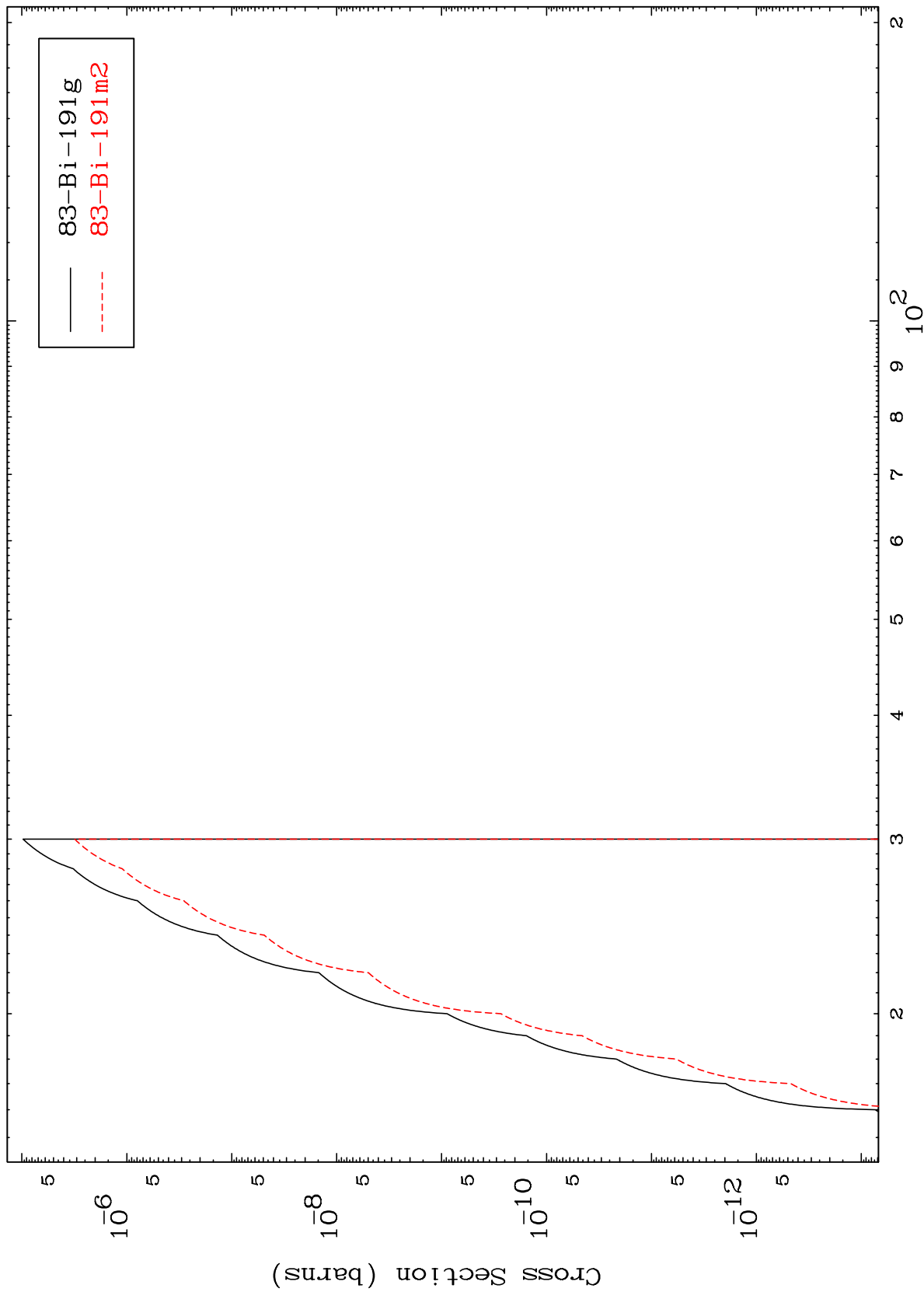
83-Bi-192m

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(n,2n) d

83-Bi-192m

Radionuclide Production Cross Section



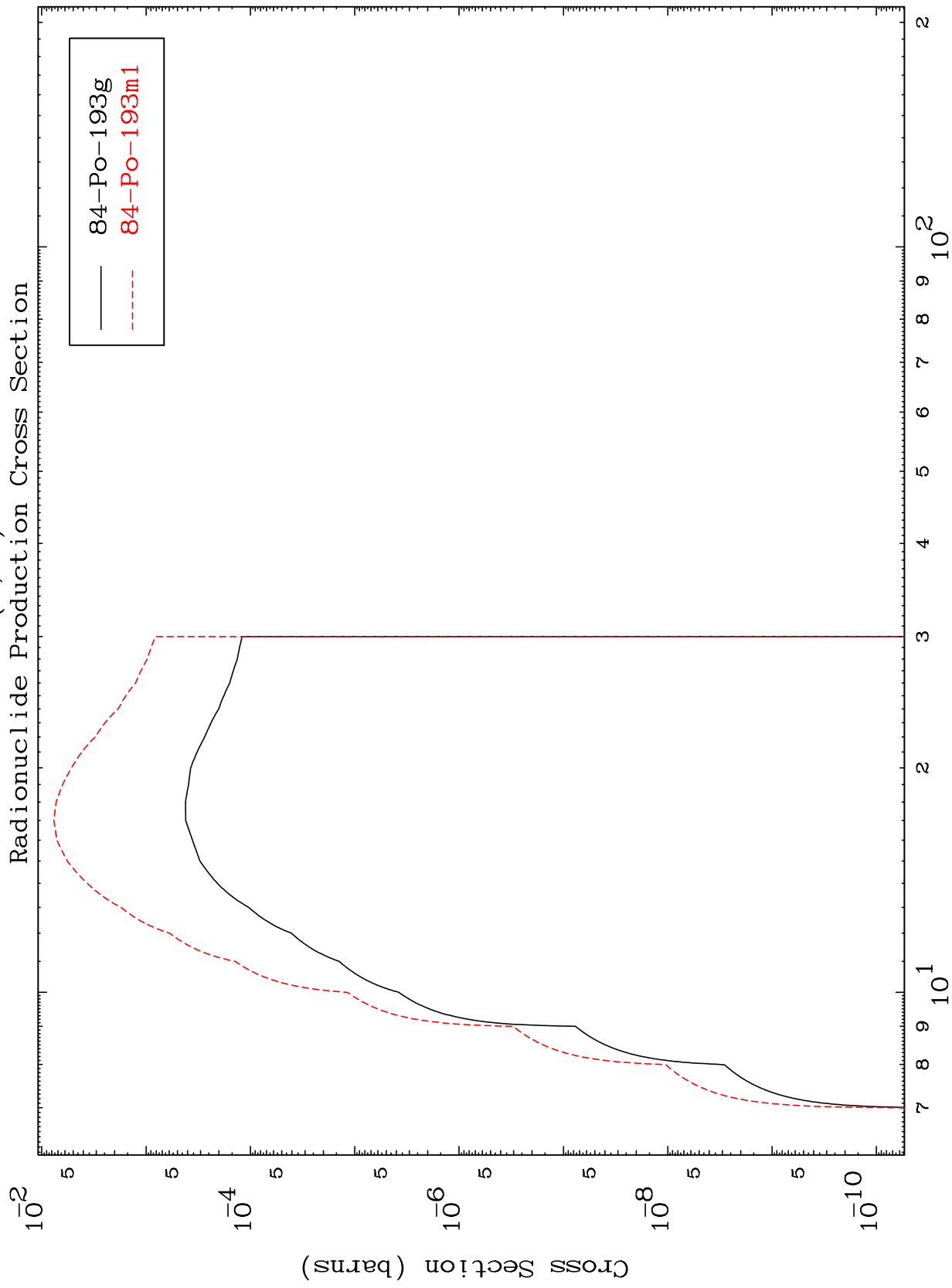
13

Incident Energy (MeV)

83-Bi-192m

MAT 8275

83-Bi-192m



83-Bi-192m

Incident Energy (MeV)

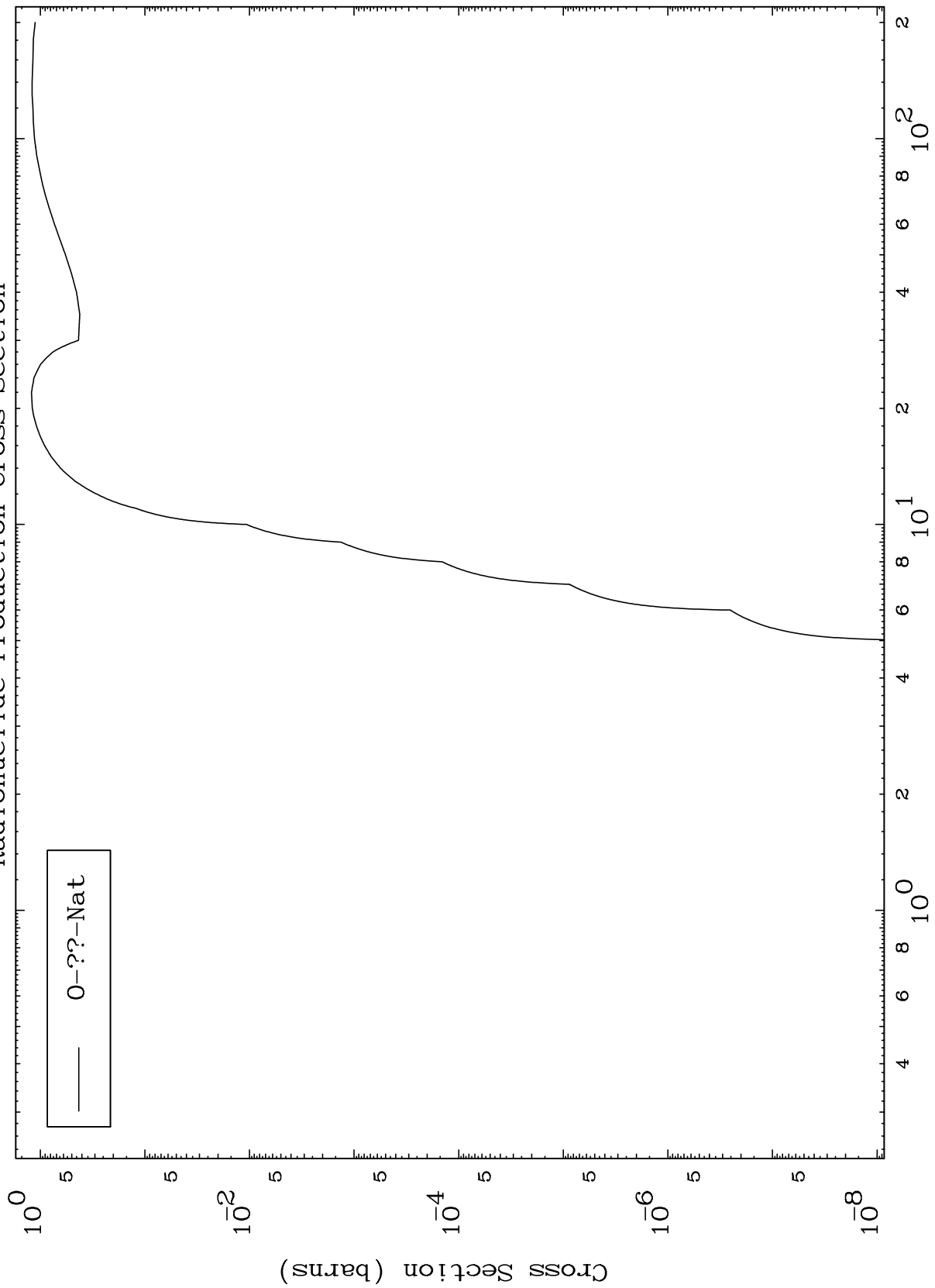
14

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Fission

⁸³Bi-192m

Radionuclide Production Cross Section

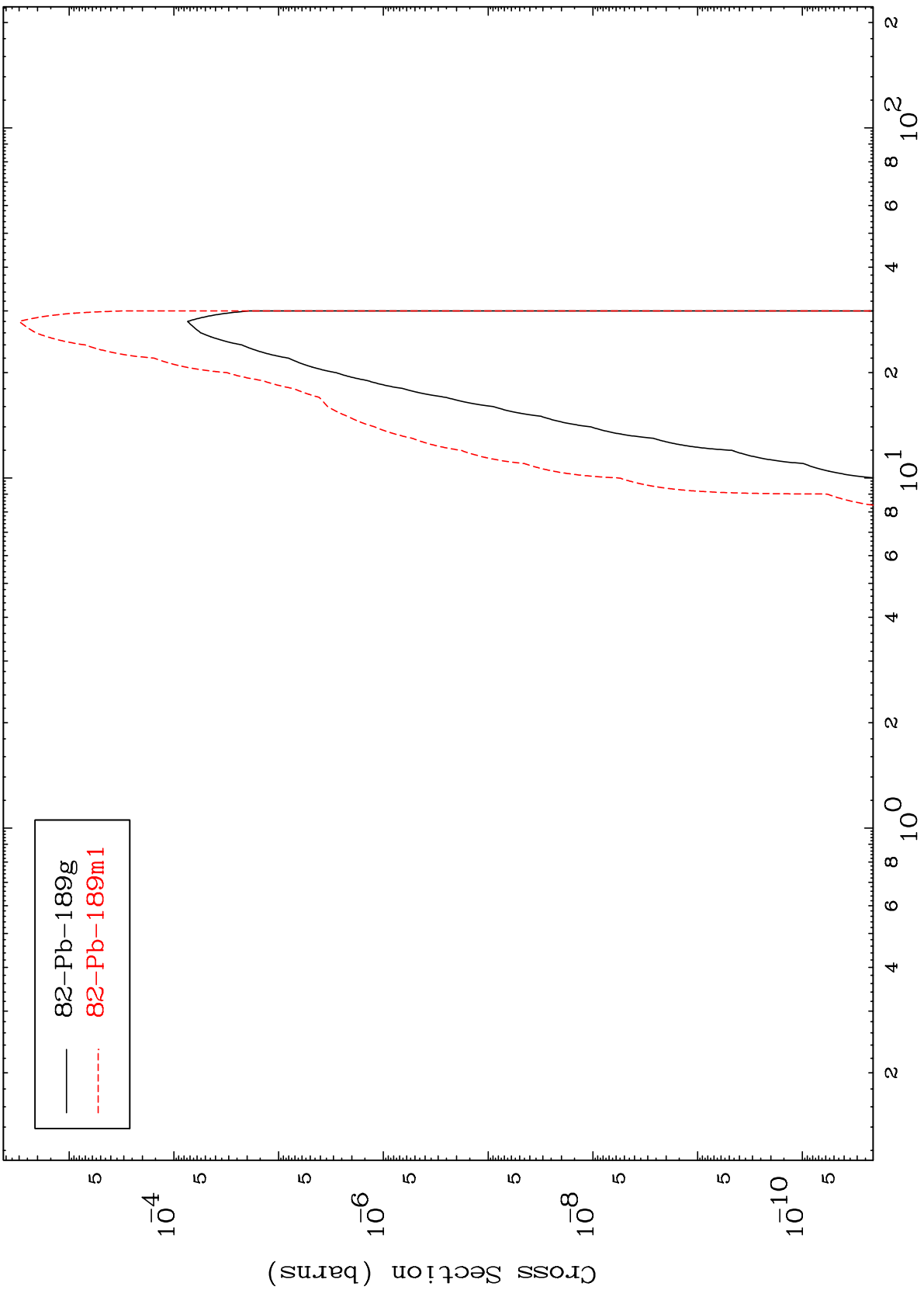


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$(n,2n) \alpha$

$^{83}\text{Bi}-192\text{m}$

Radionuclide Production Cross Section

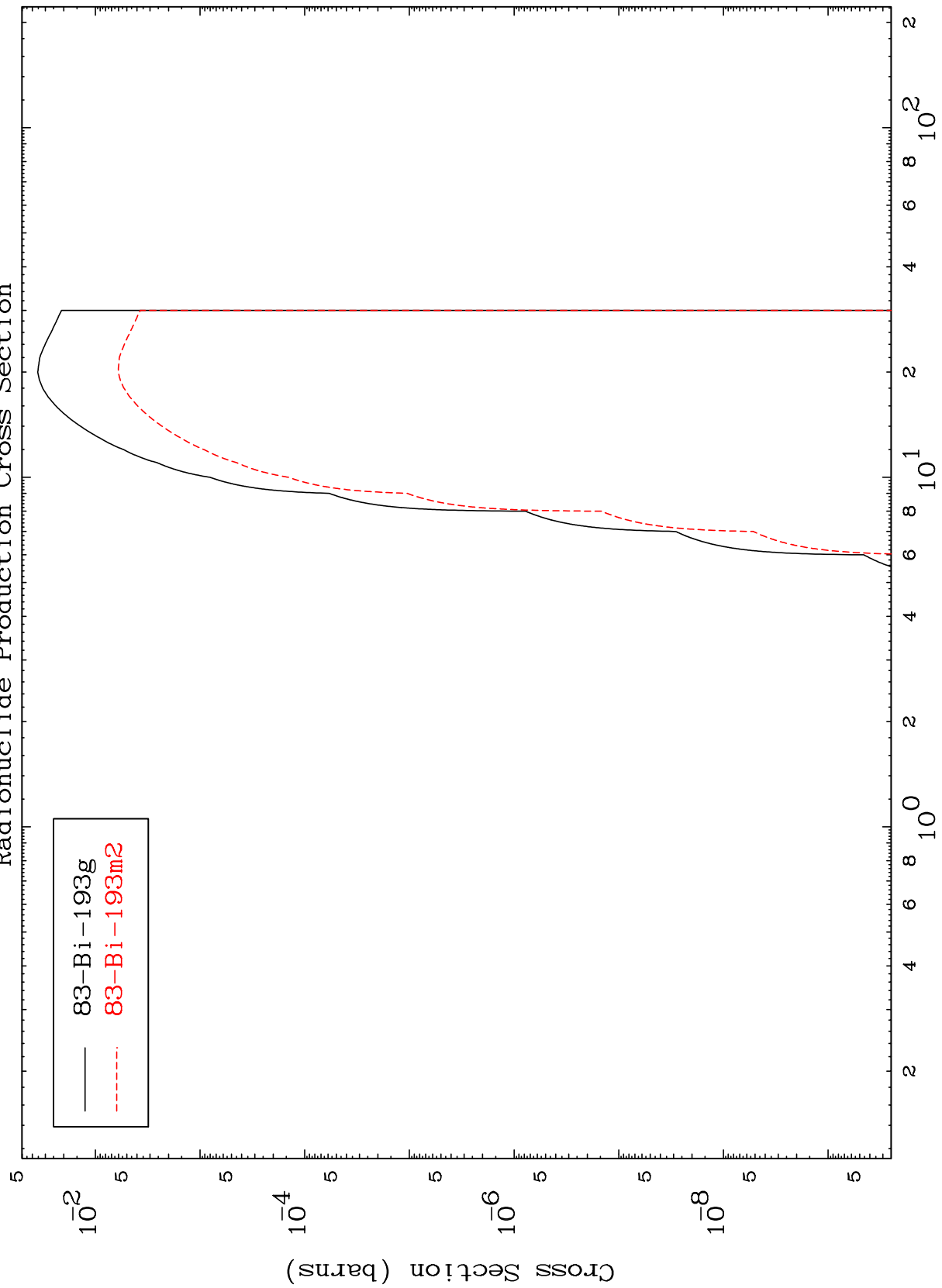


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(n,n') p

83-Bi-192m

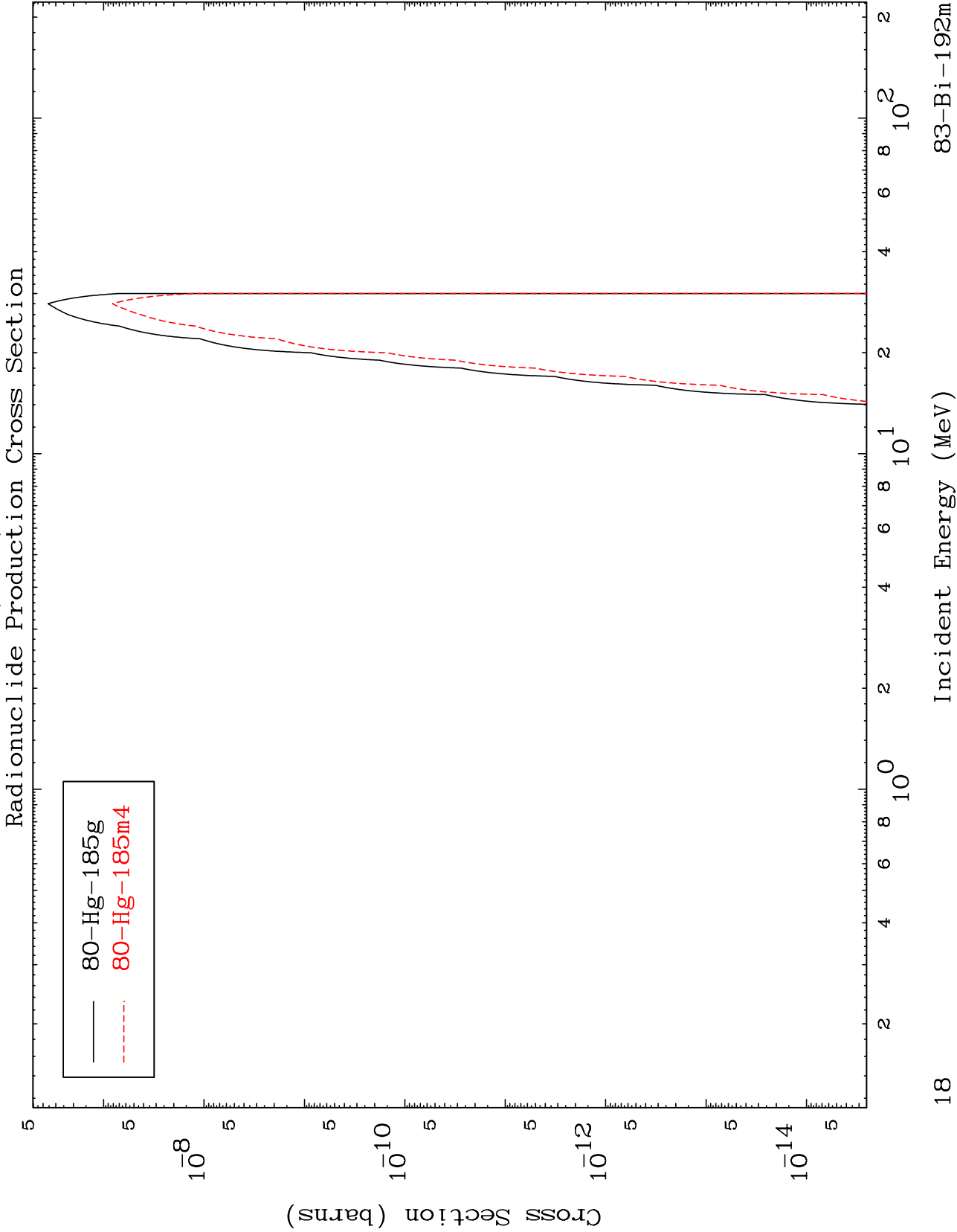
Radionuclide Production Cross Section



MAT 8275

(n,2n) 2 α

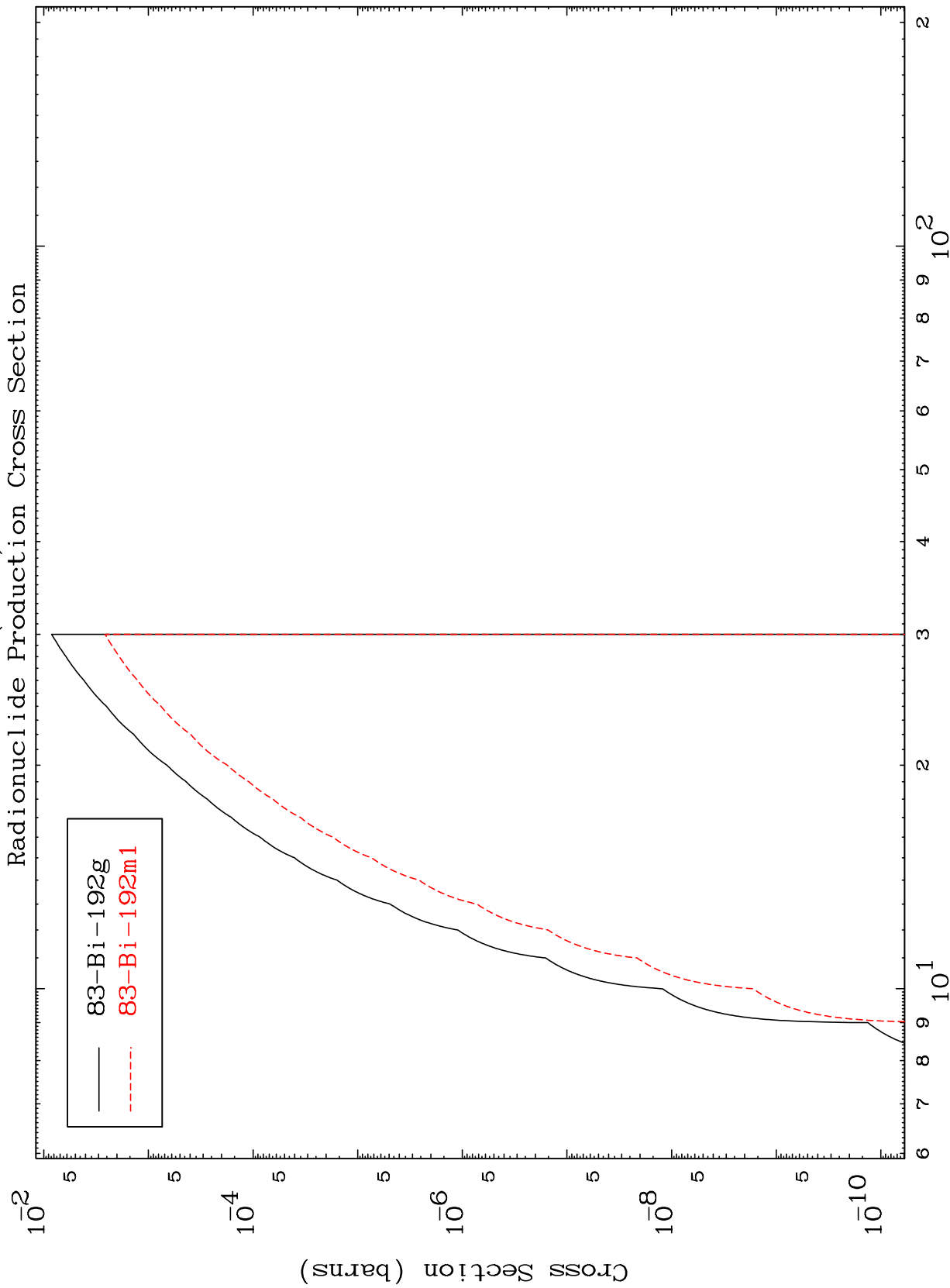
83-Bi-192m



MAT 8275

(n,n') d

83-Bi-192m



19

Incident Energy (MeV)

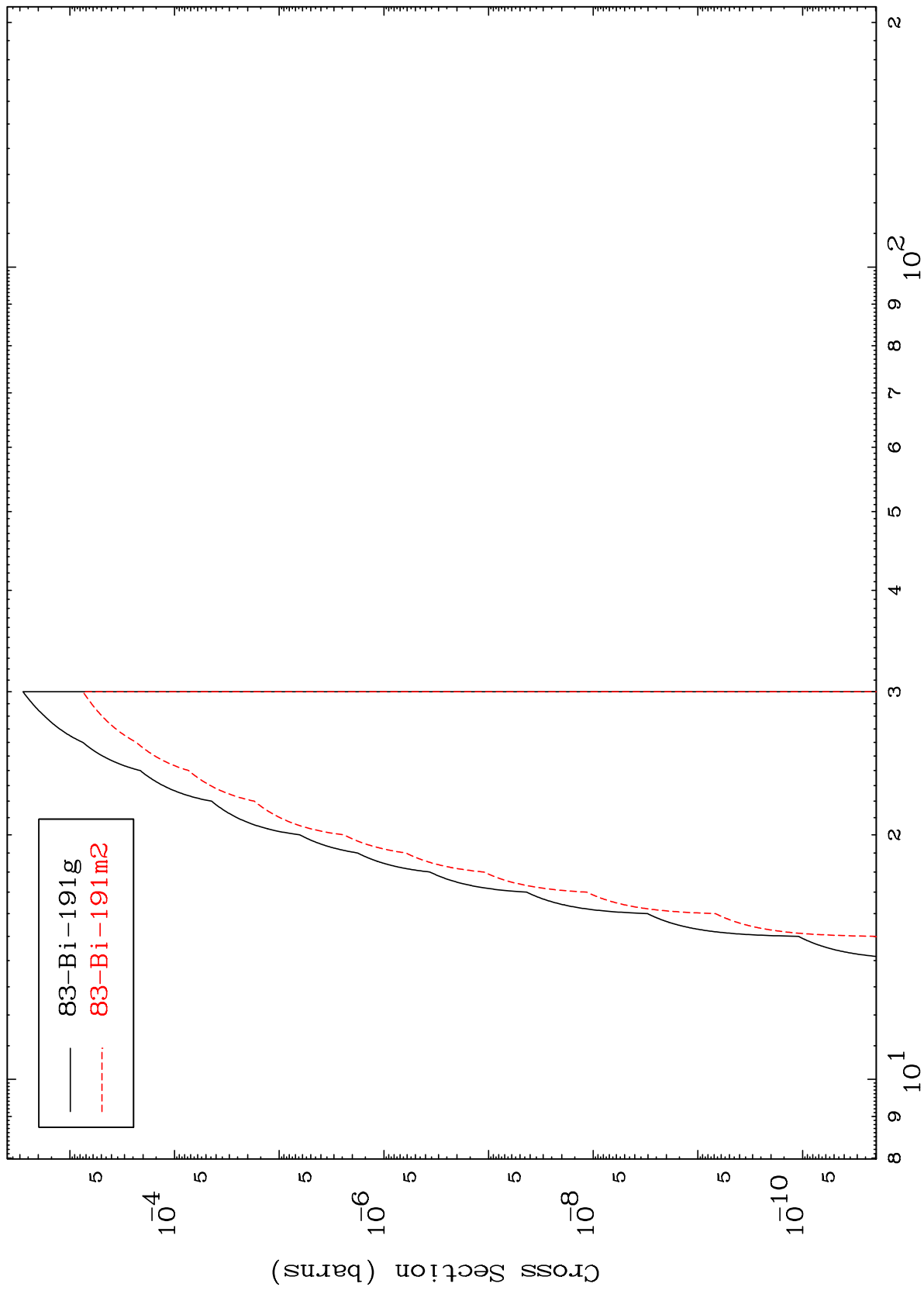
83-Bi-192m

MAT 8275

(n,n') t

83-Bi-192m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-192m

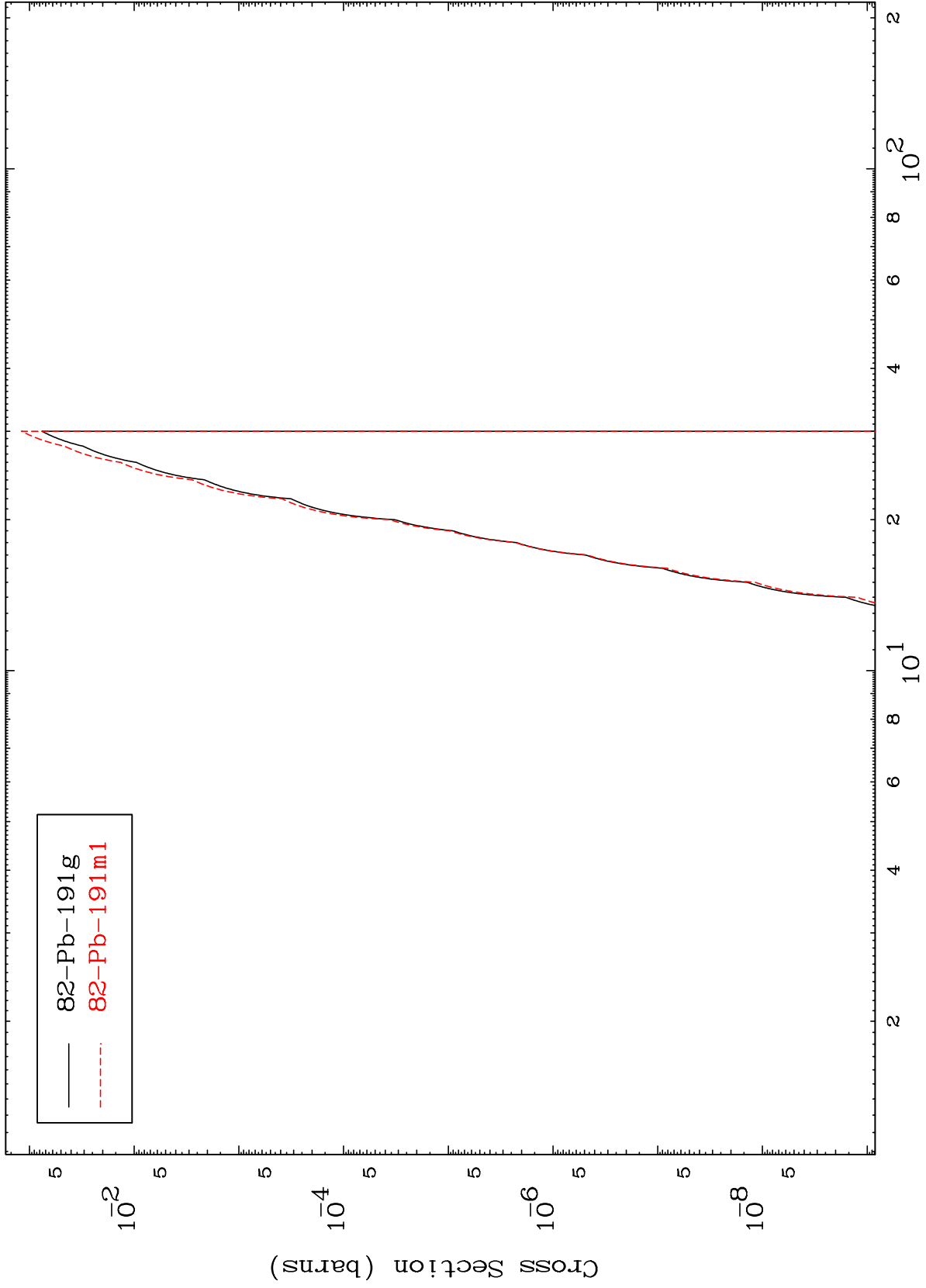
20

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(n,n') He-3

83-Bi-192m

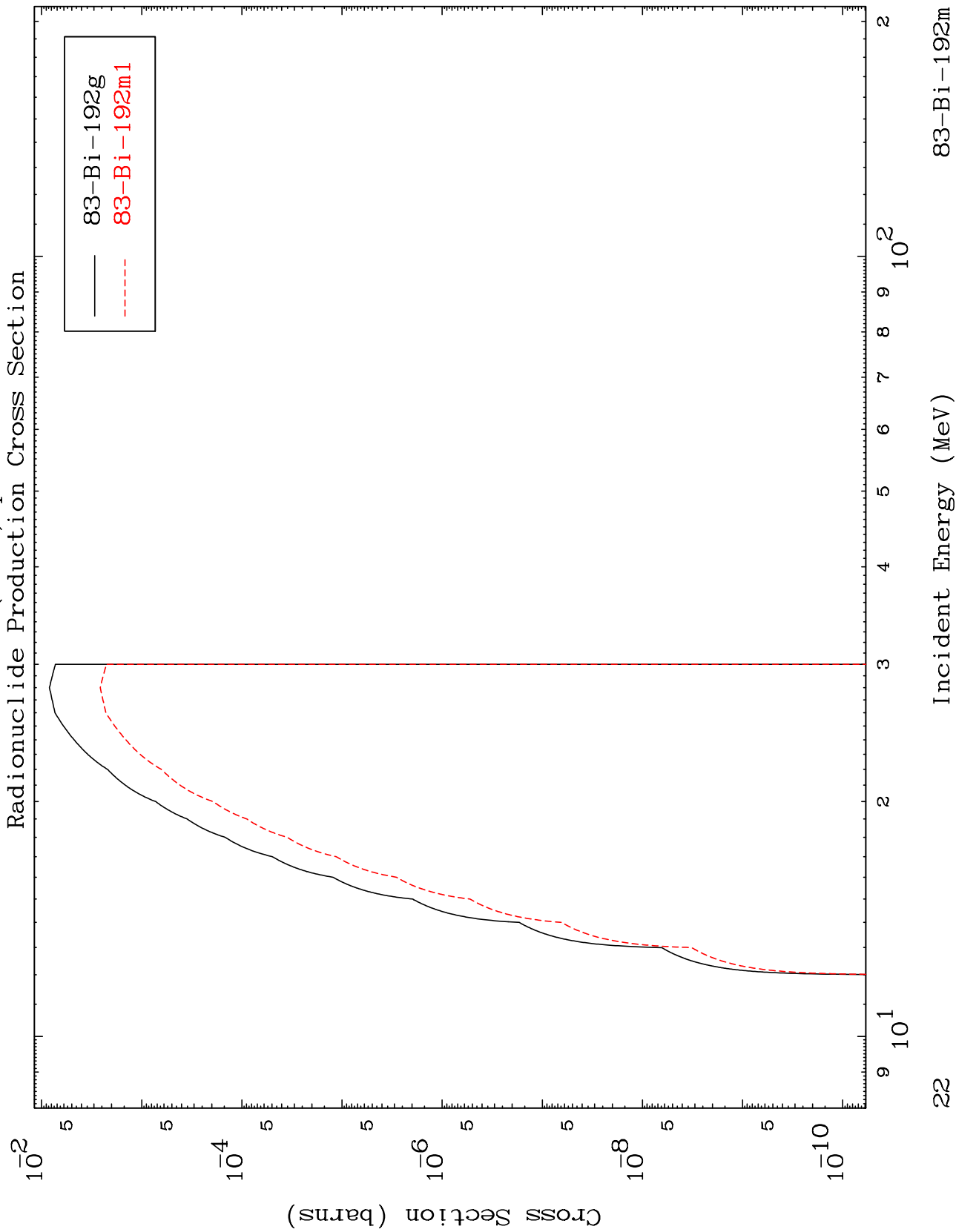
Radionuclide Production Cross Section



MAT 8275

(n,2n) p

83-Bi-192m



22

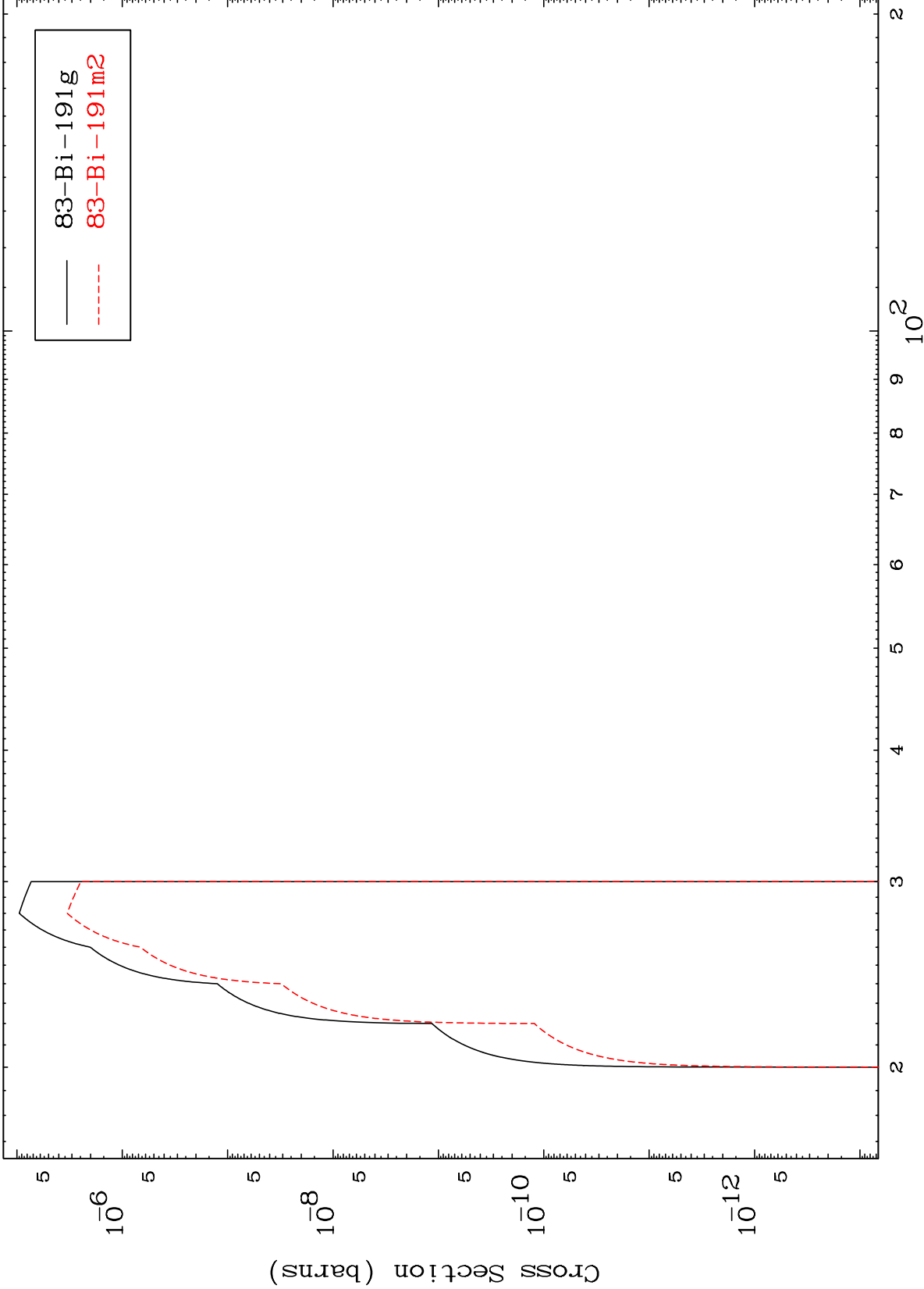
83-Bi-192m

MAT 8275

$(n,3n)$ p

$^{83}\text{Bi}-192\text{m}$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

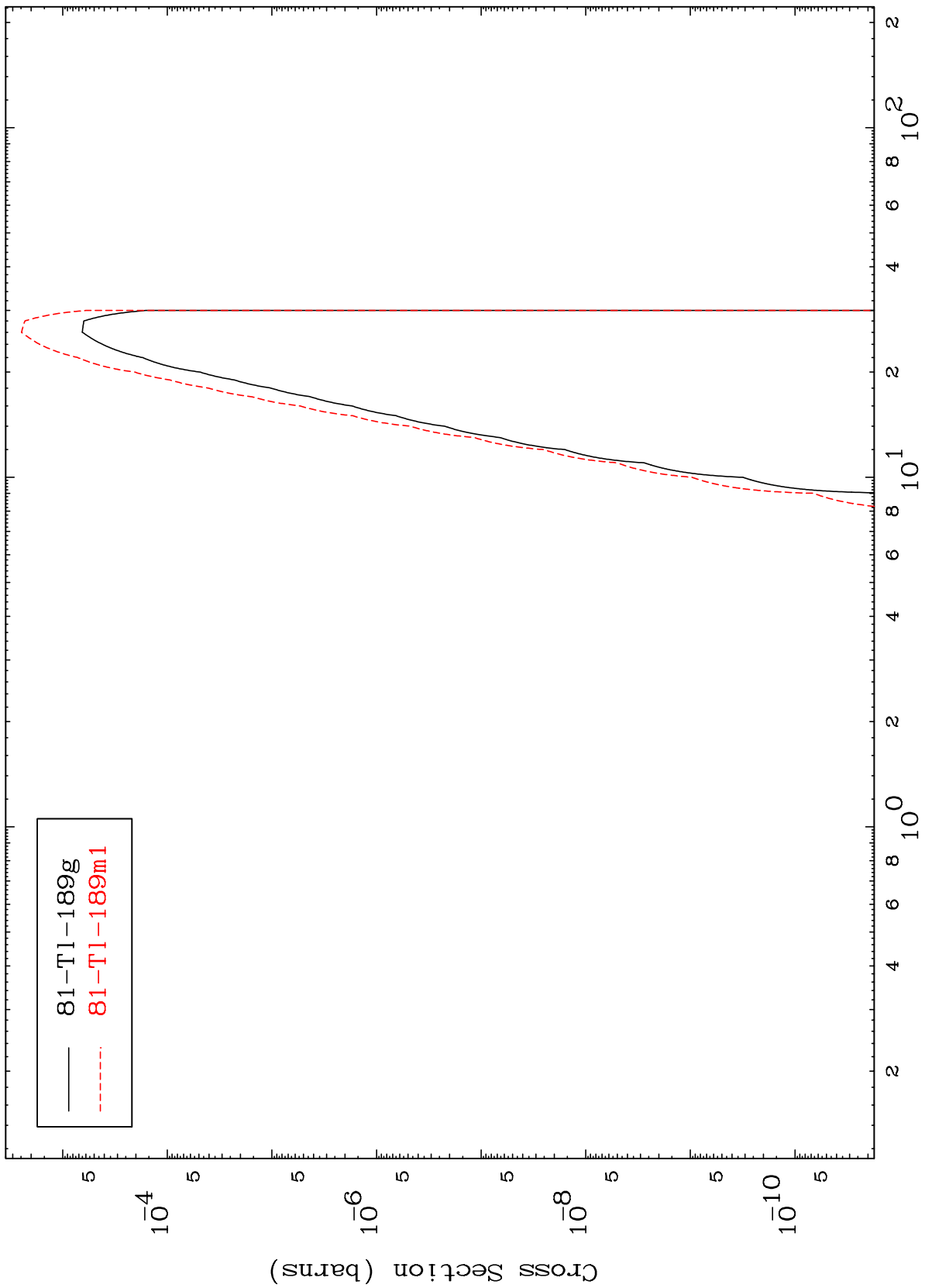
$^{83}\text{Bi}-192\text{m}$

MAT 8275

(n,n') p α

83-Bi-192m

Radionuclide Production Cross Section



24

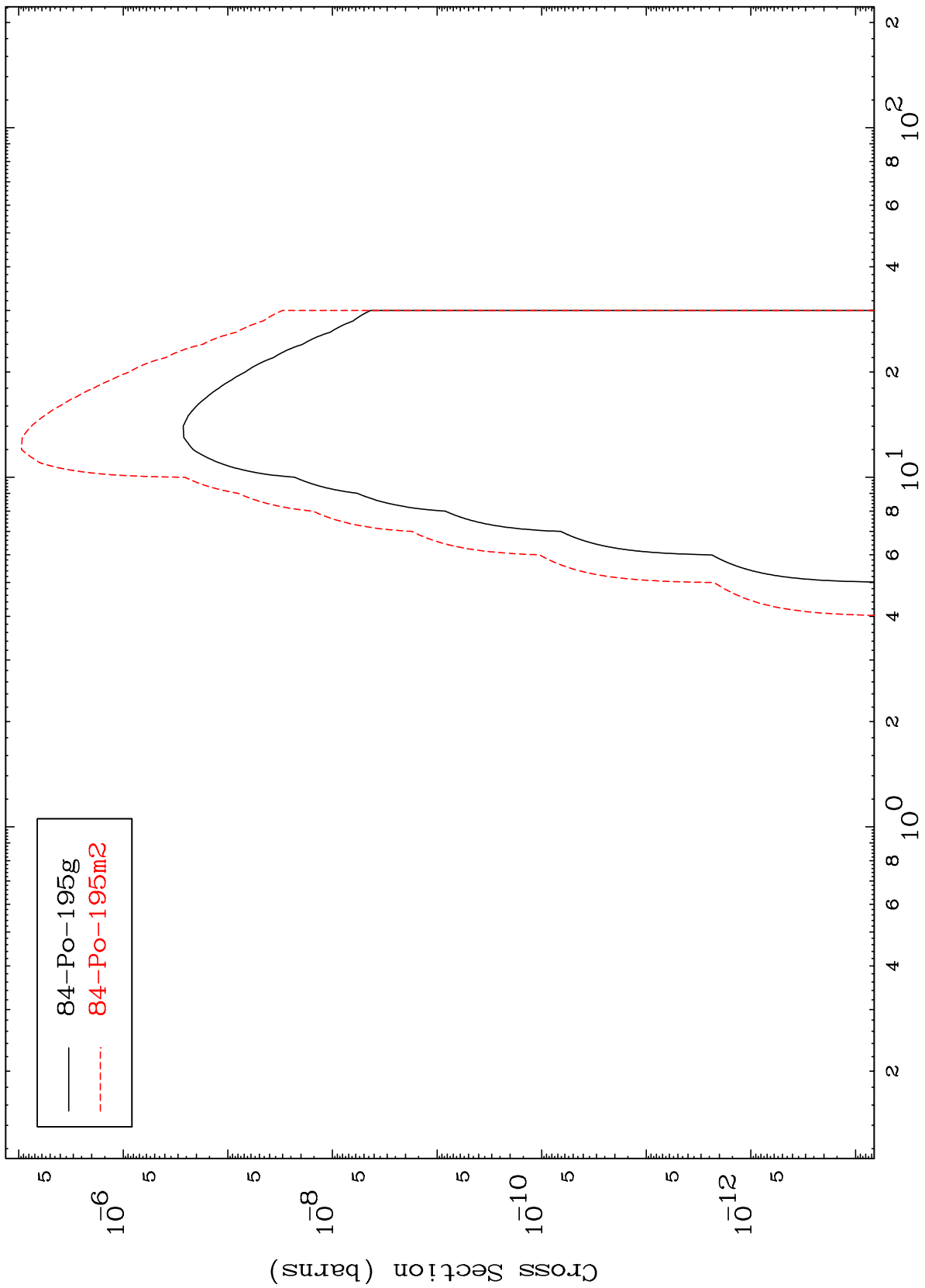
Incident Energy (MeV)

83-Bi-192m

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83-Bi-192m

Radionuclide Production Cross Section (n,γ)



25

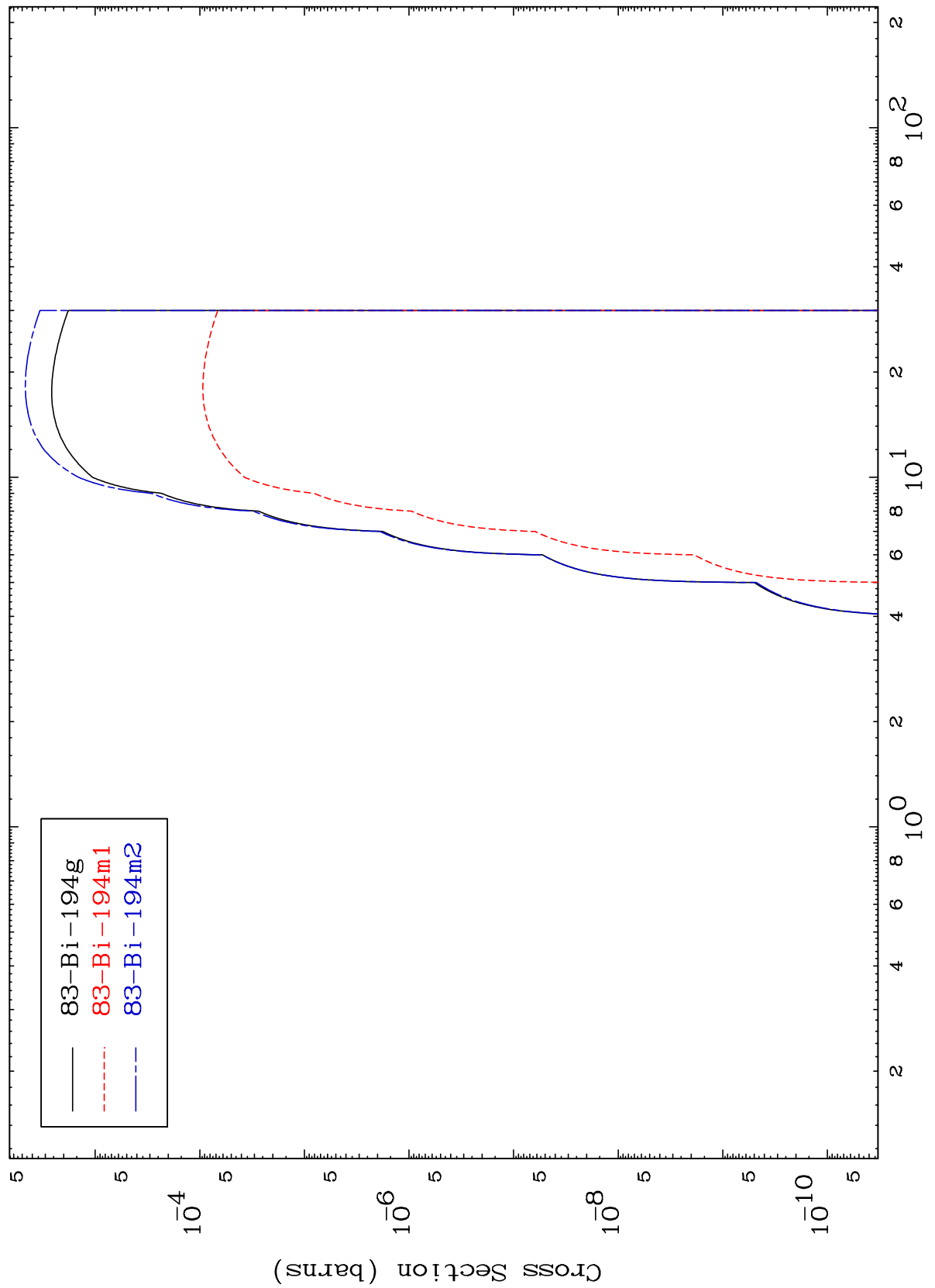
83-Bi-192m

Incident Energy (MeV)

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⁸³Bi-192m

(n,p)
Radionuclide Production Cross Section



⁸³Bi-192m

Incident Energy (MeV)

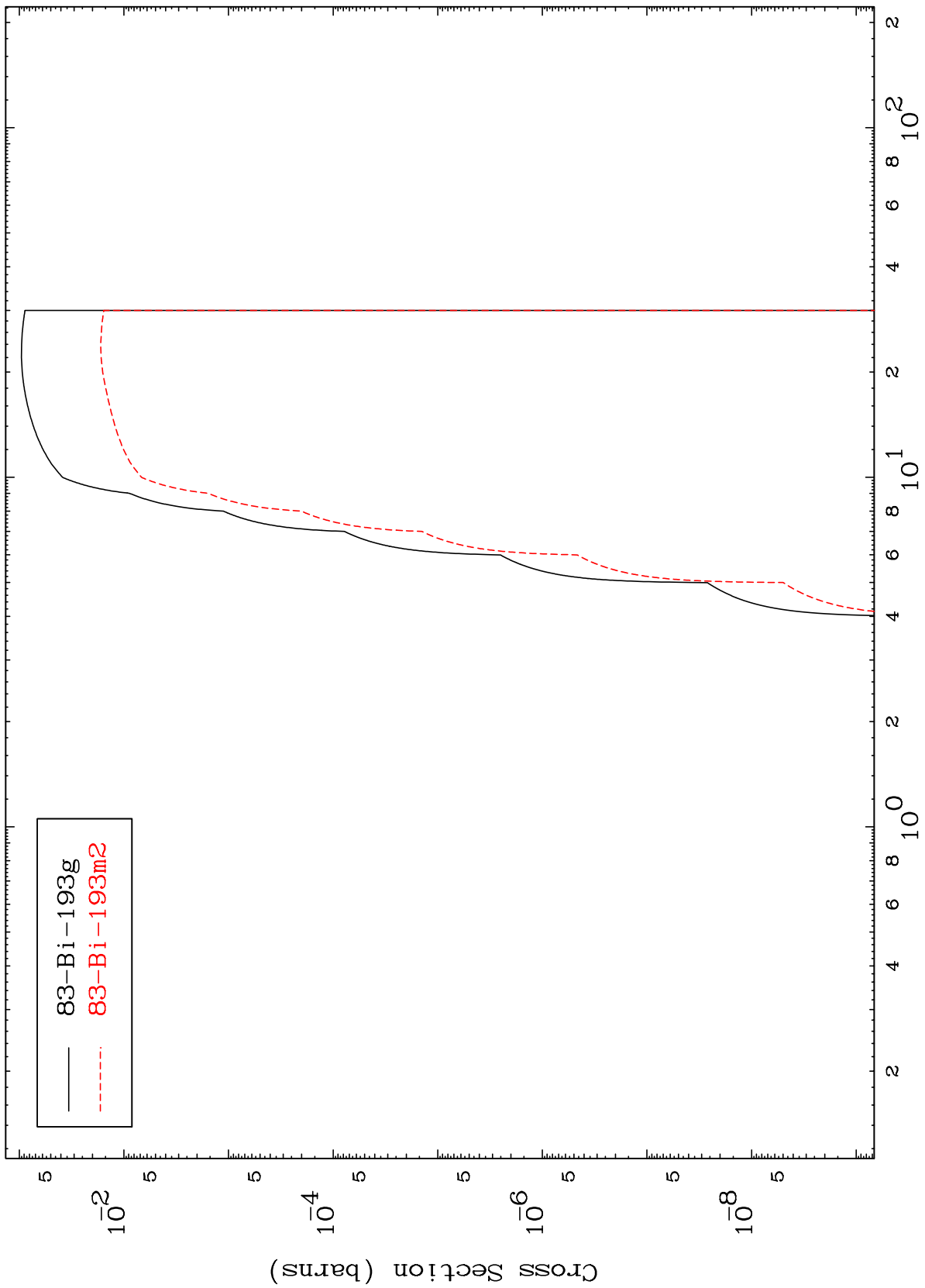
26

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(n,d)

⁸³Bi-192m

Radionuclide Production Cross Section



— ⁸³Bi-193g
- - - ⁸³Bi-193m2

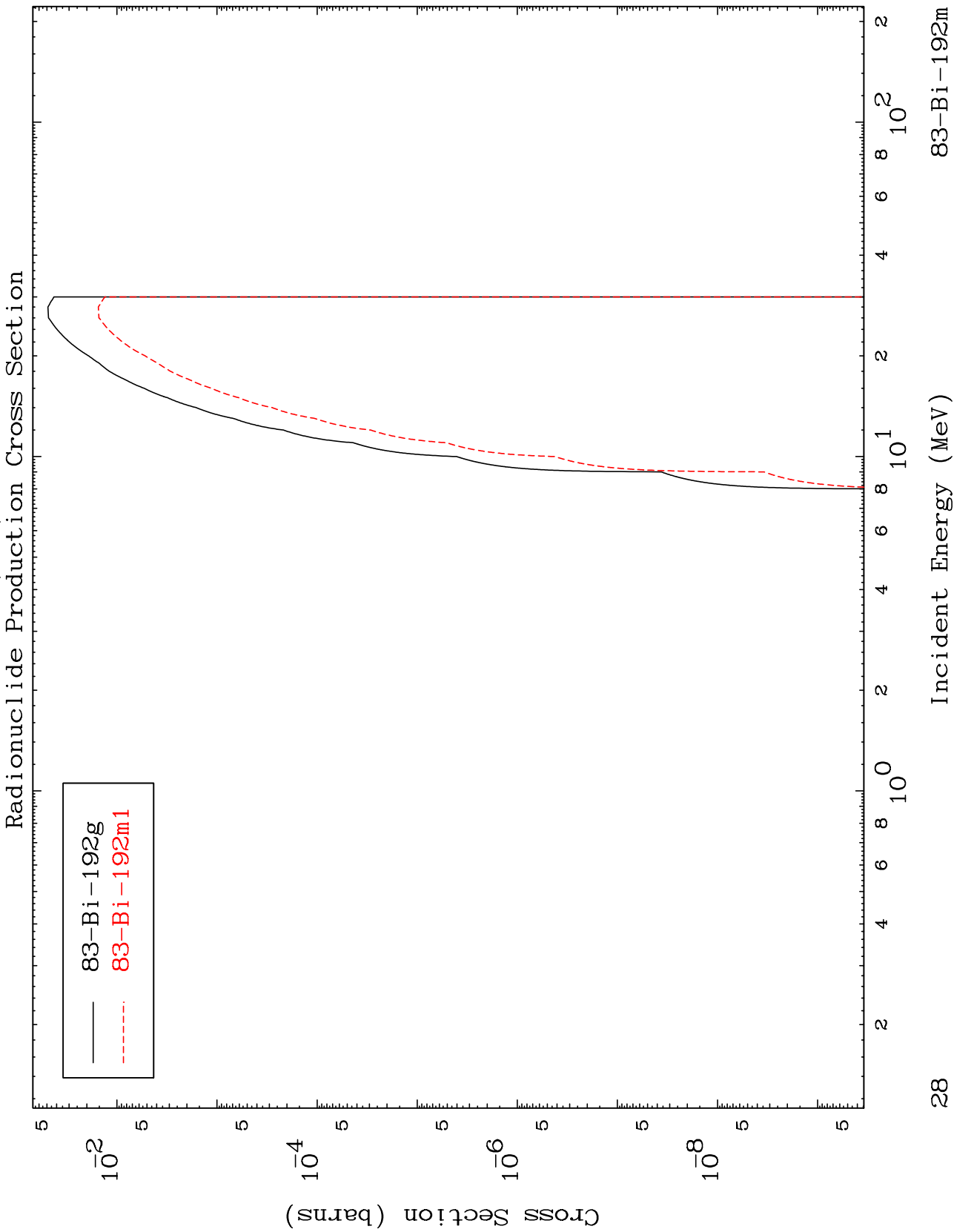
Incident Energy (MeV)

⁸³Bi-192m

27

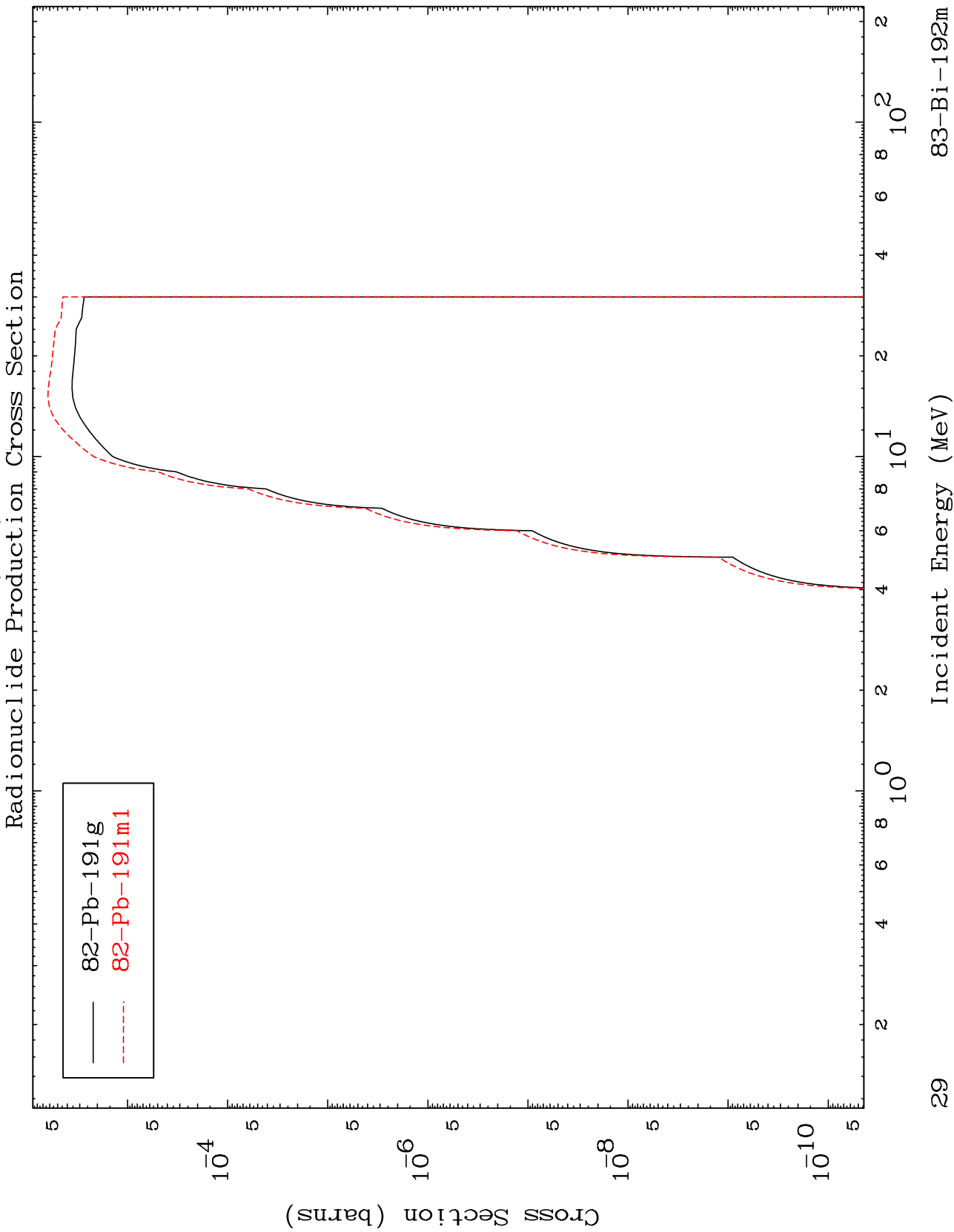
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⁸³Bi-192m



MAT 8275

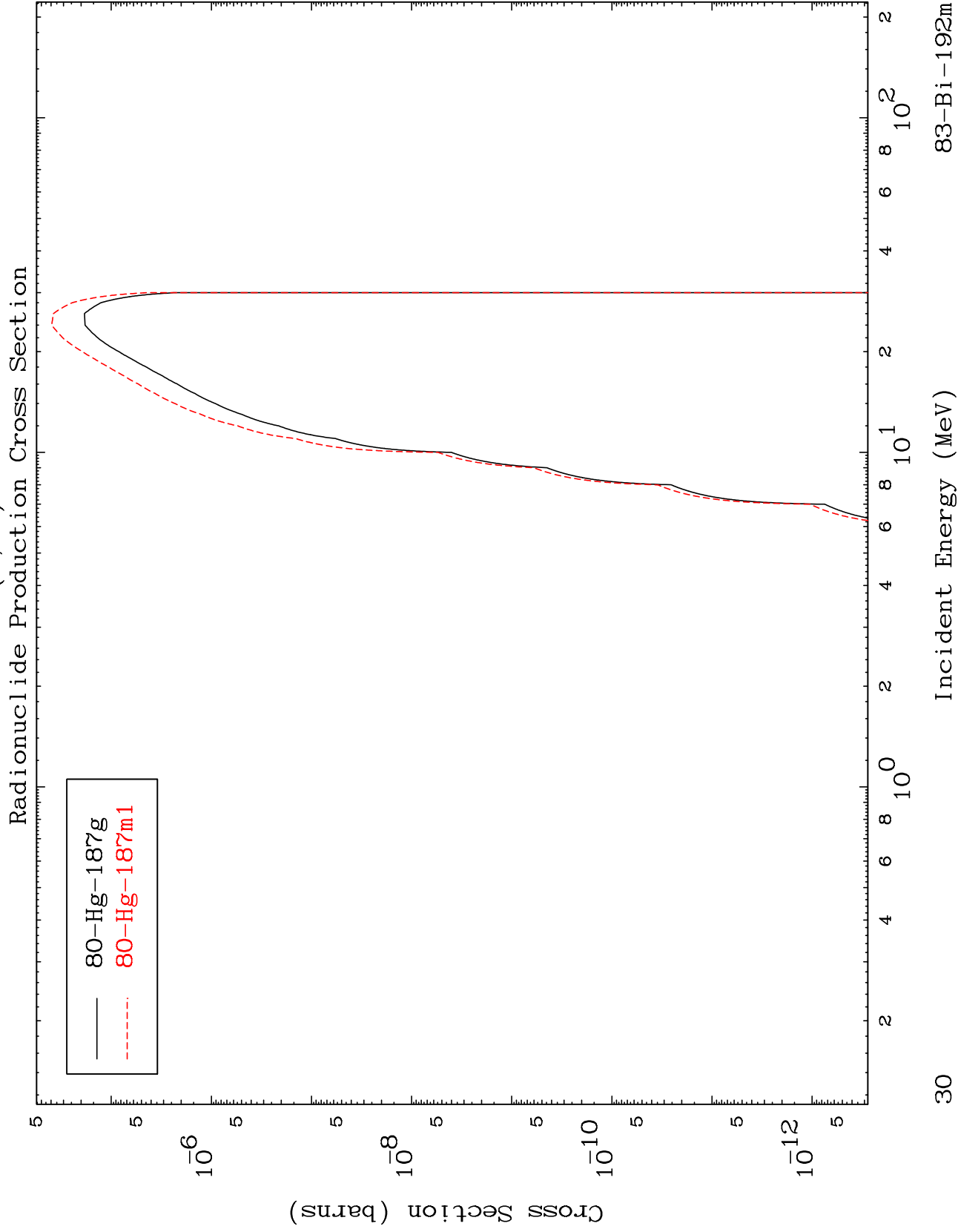
83-Bi-192m



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(n,2α)

83-Bi-192m



30

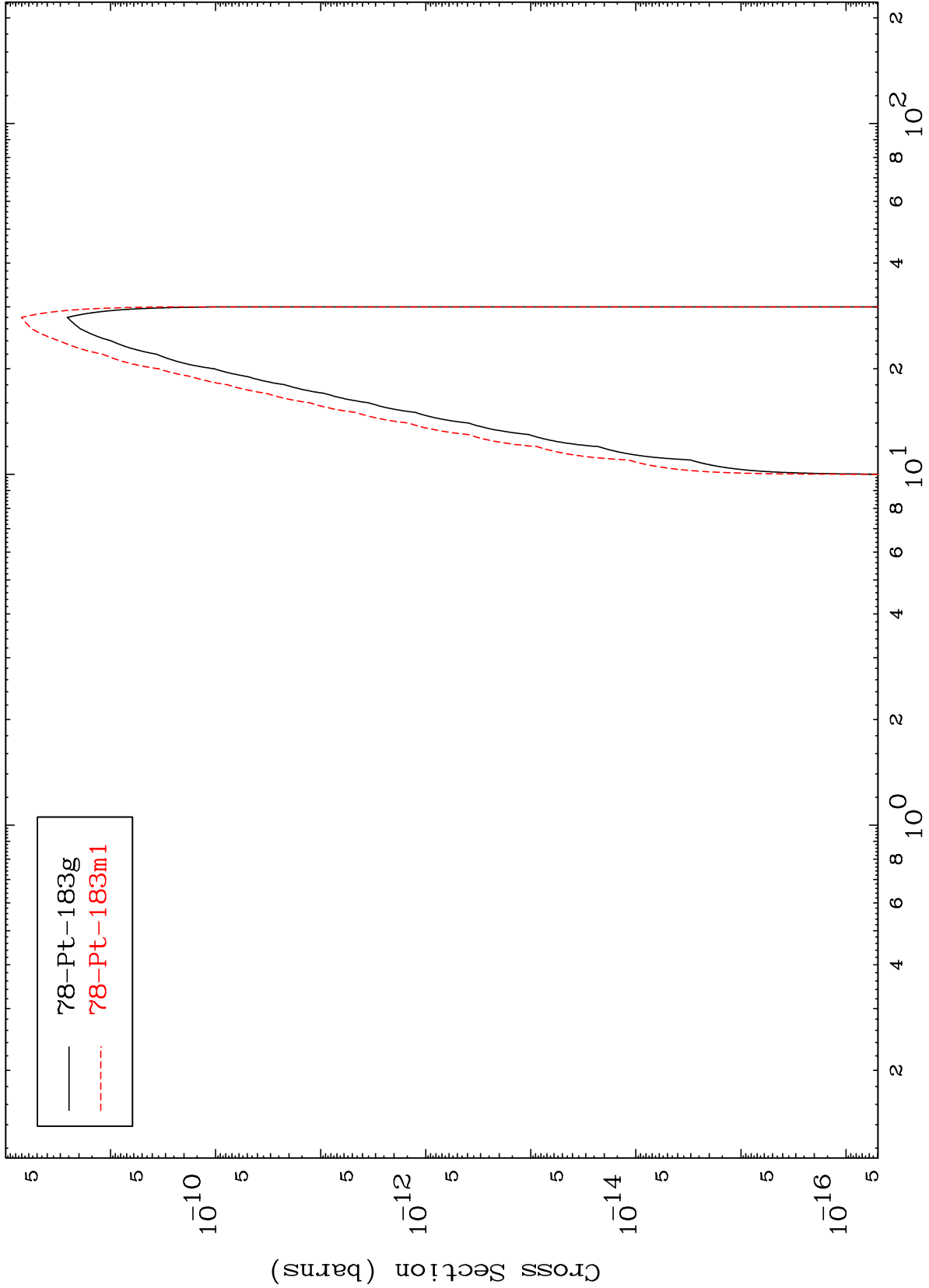
83-Bi-192m

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(n,3α)

83-Bi-192m

Radionuclide Production Cross Section



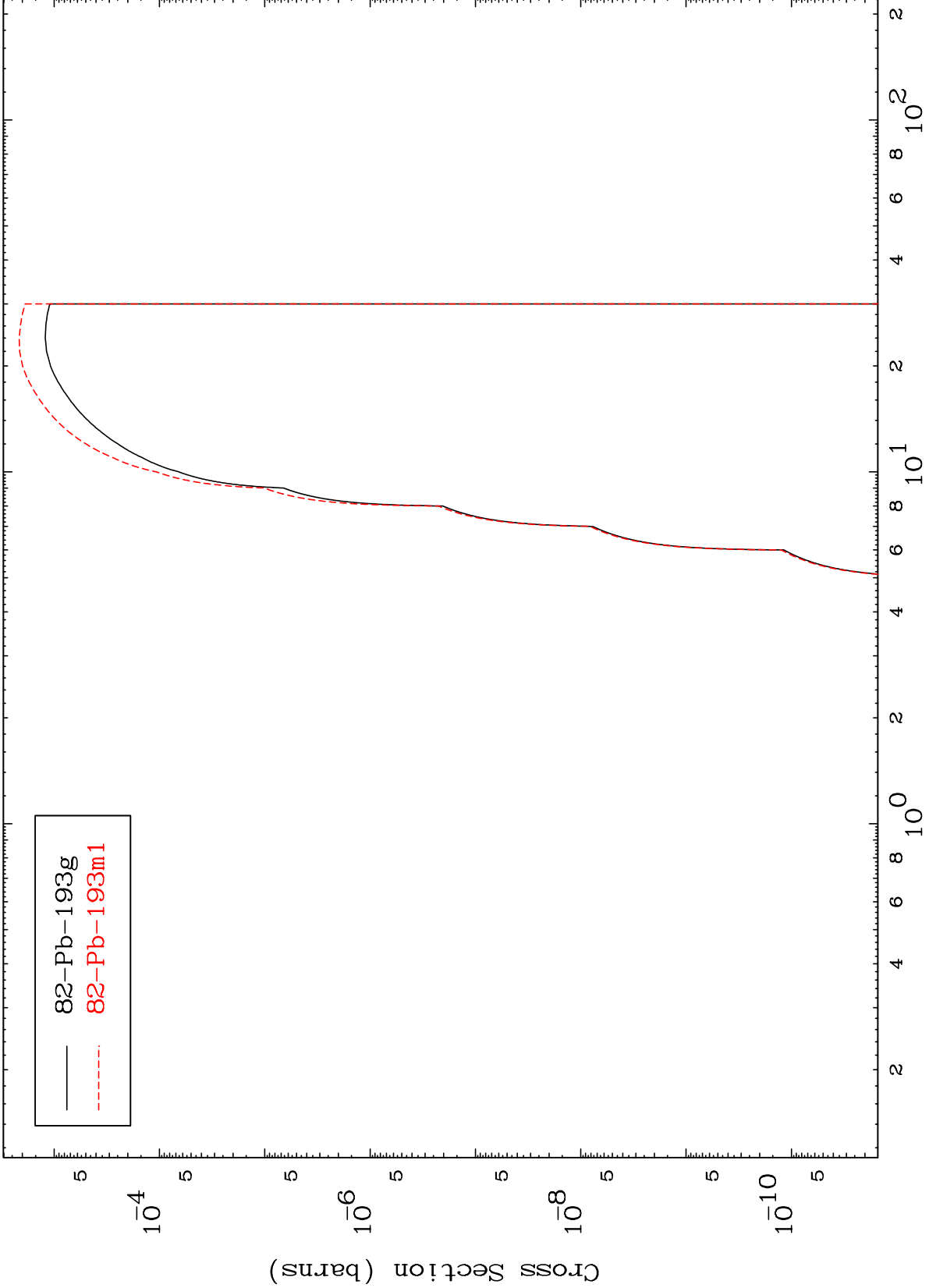
78-Pt-183g
78-Pt-183m1

MAT 8275

(n,2p)

83-Bi-192m

Radionuclide Production Cross Section



32

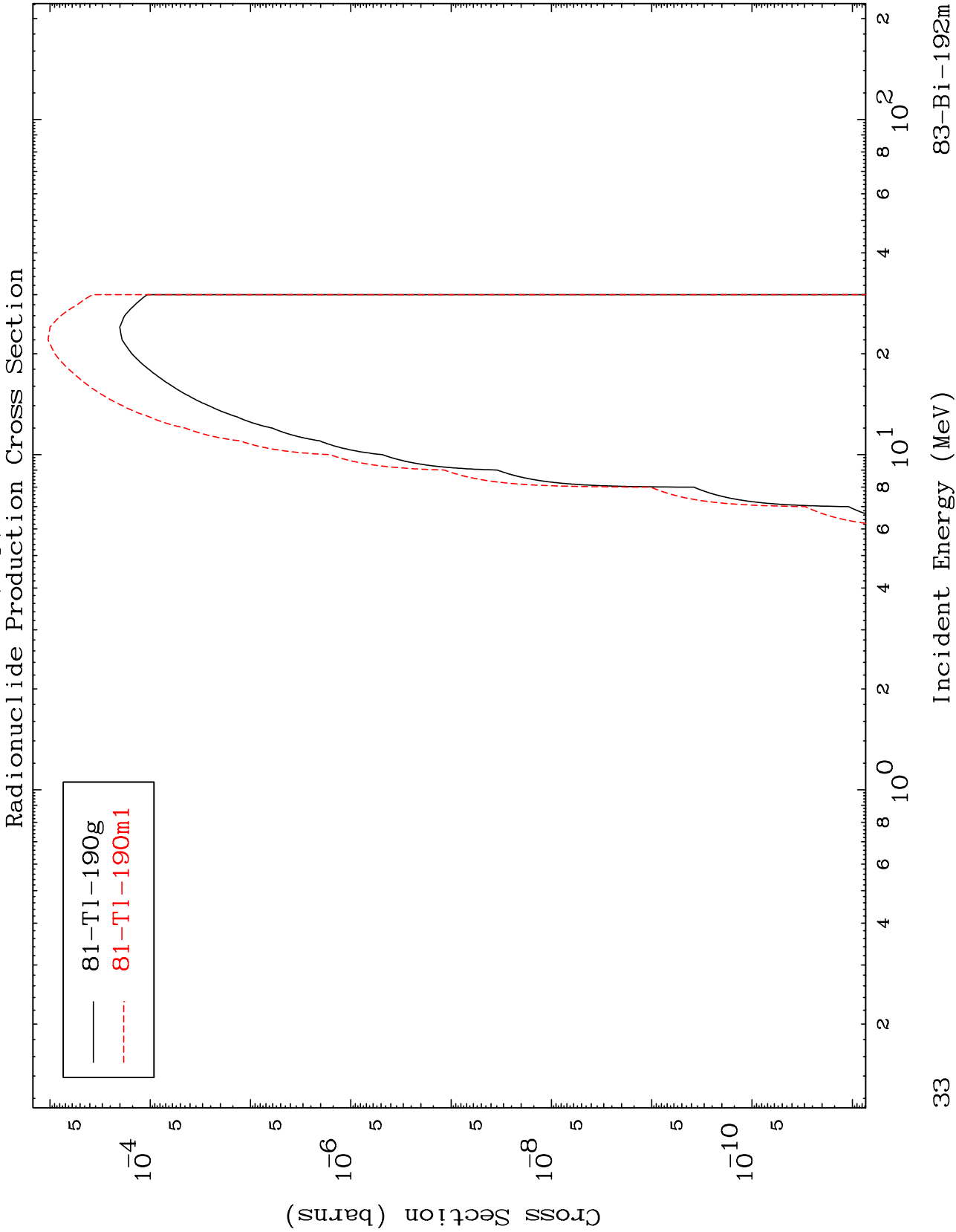
Incident Energy (MeV)

83-Bi-192m

MAT 8275

(n,p) α

⁸³Bi-192m

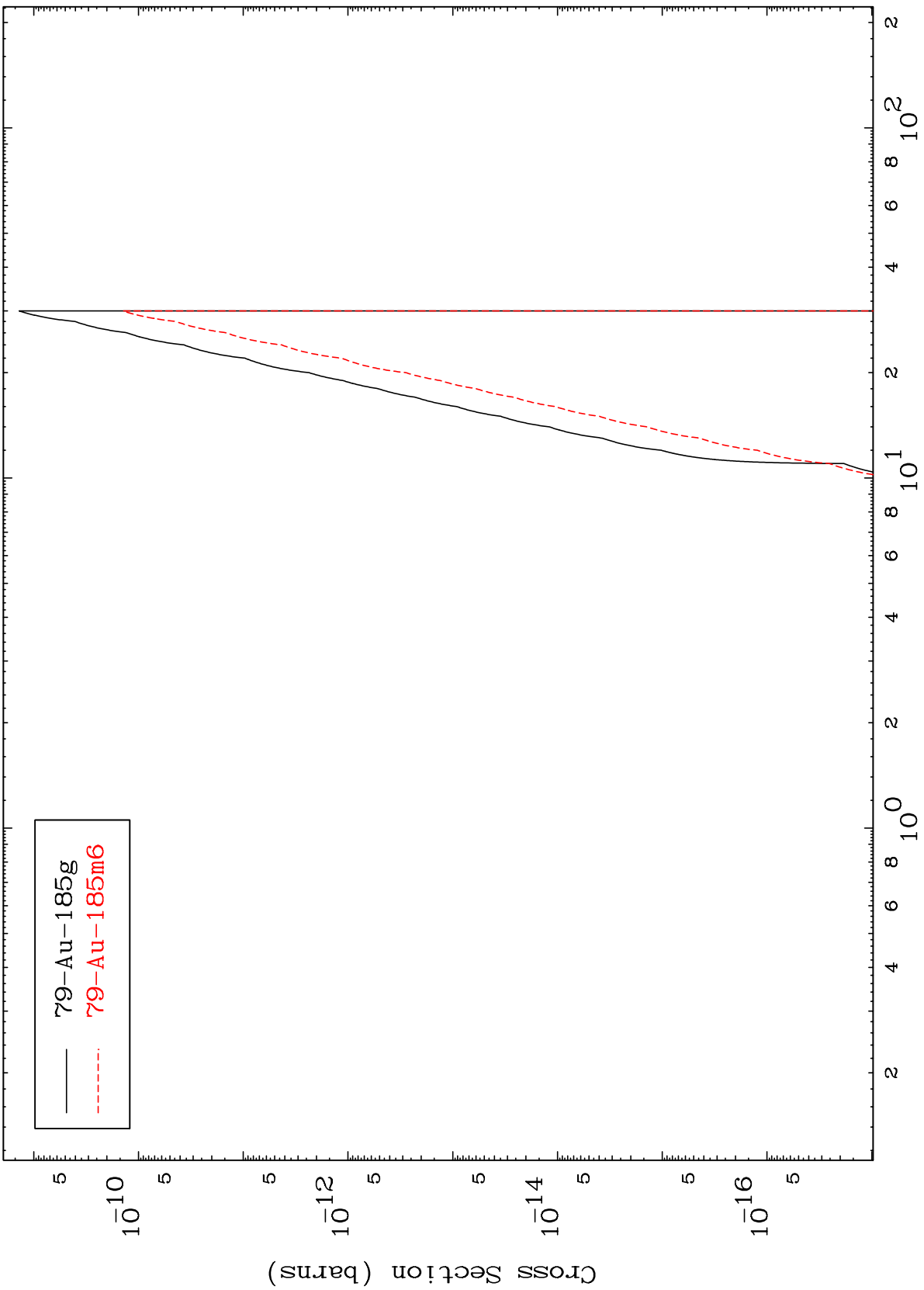


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(n,d) 2 α

83-Bi-192m

Radionuclide Production Cross Section



79-Au-185g
79-Au-185m6

34

Incident Energy (MeV)

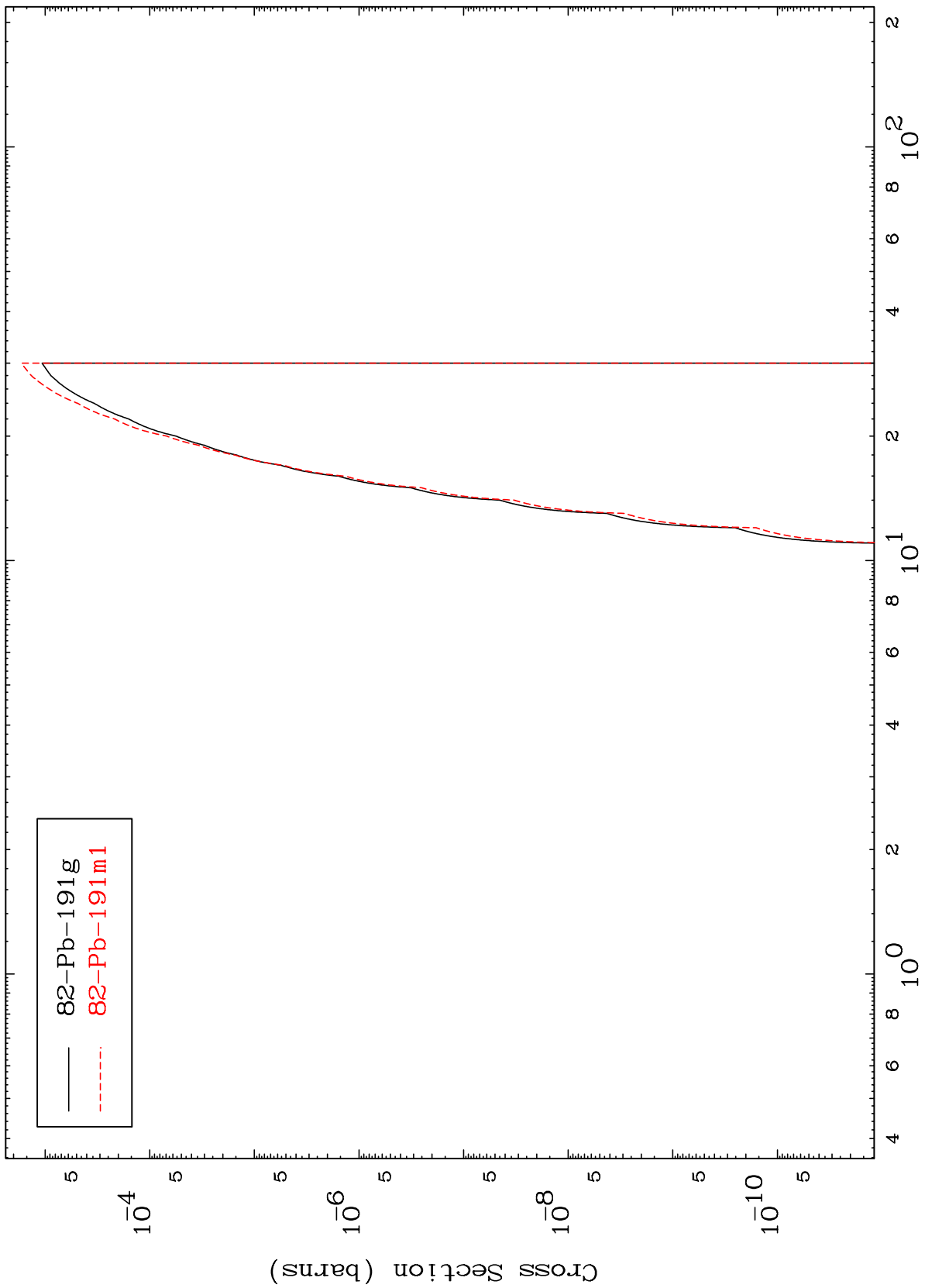
83-Bi-192m

MAT 8275

(n,p) t

83-Bi-192m

Radionuclide Production Cross Section



82-Pb-191g
82-Pb-191m1

35

Incident Energy (MeV)

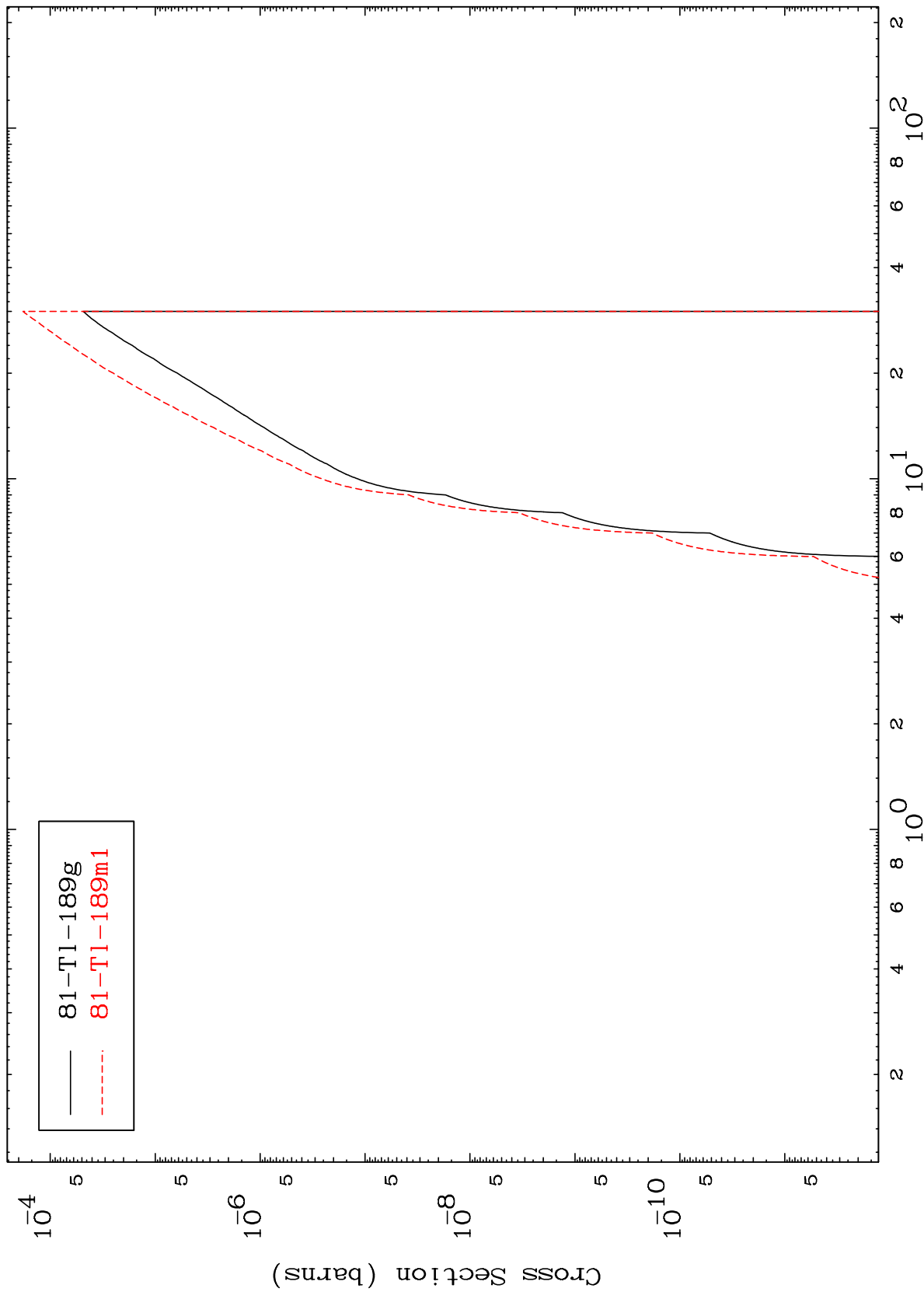
83-Bi-192m

MAT 8275

(n,d) α

83-Bi-192m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

83-Bi-192m