

Program EVALPLOT
(Version 2021-1)

by

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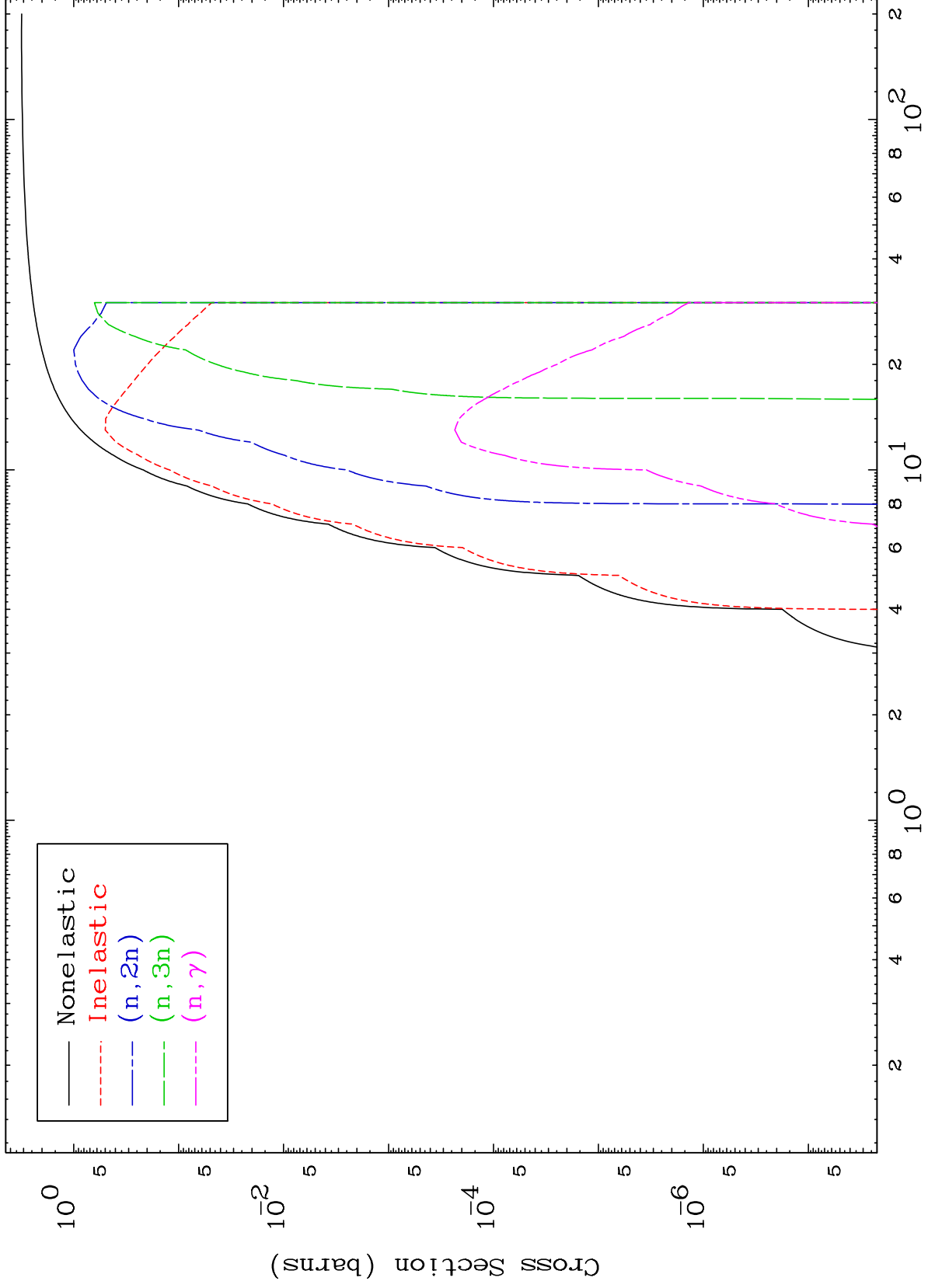
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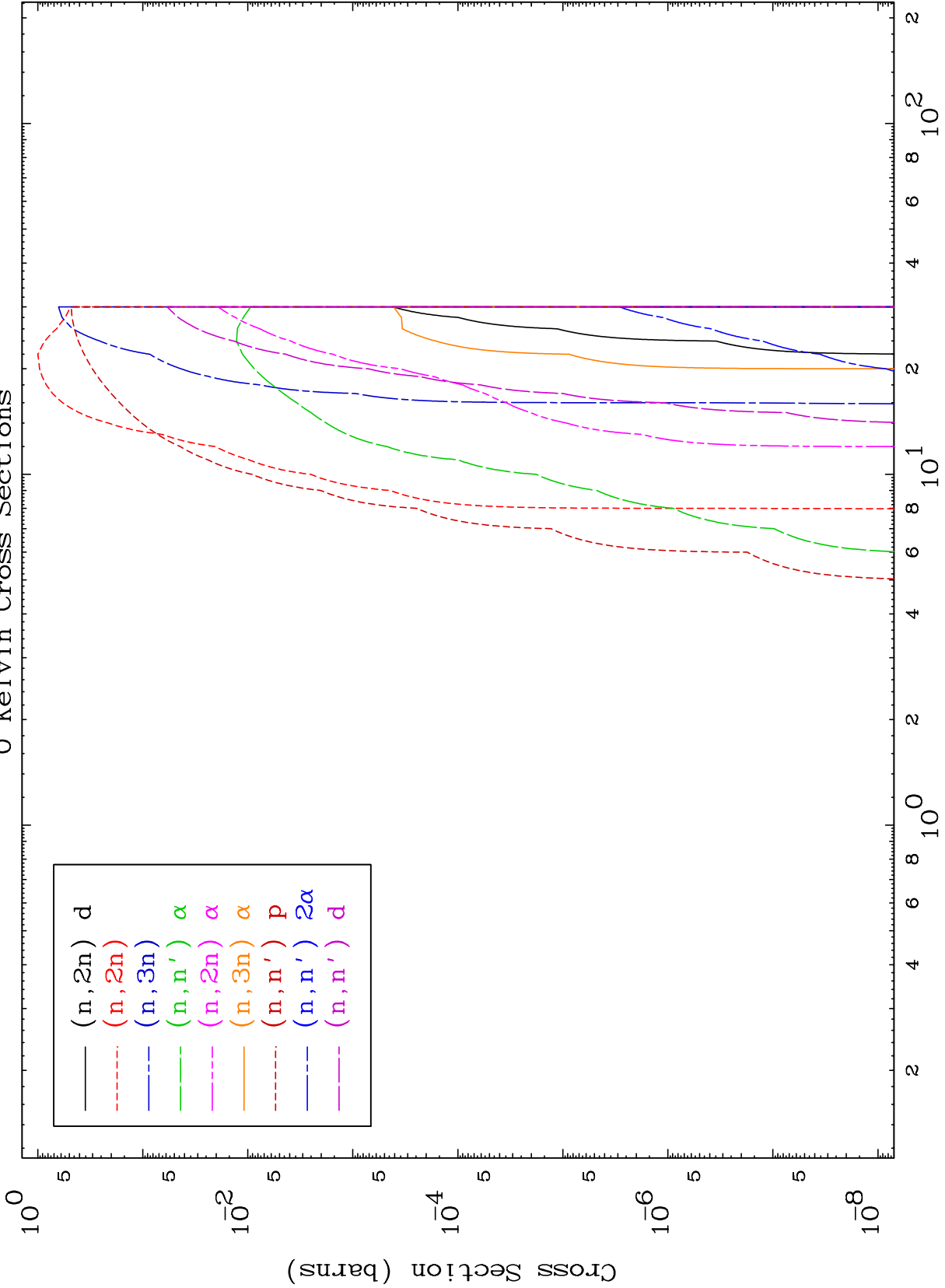
Press Mouse Button to Start

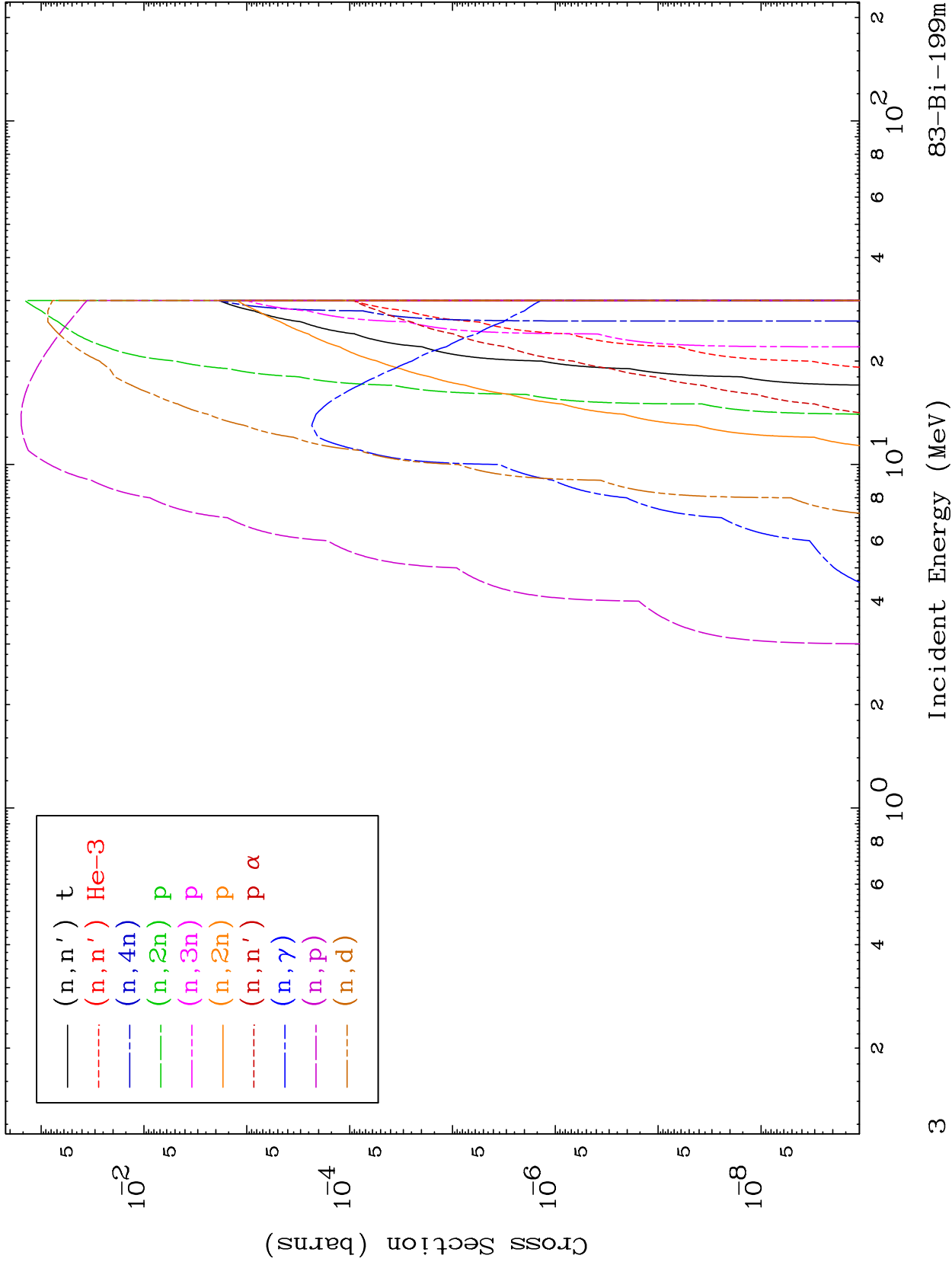
MAT 8296

Deuteron Major
0 Kelvin Cross Sections

83-Bi-199m



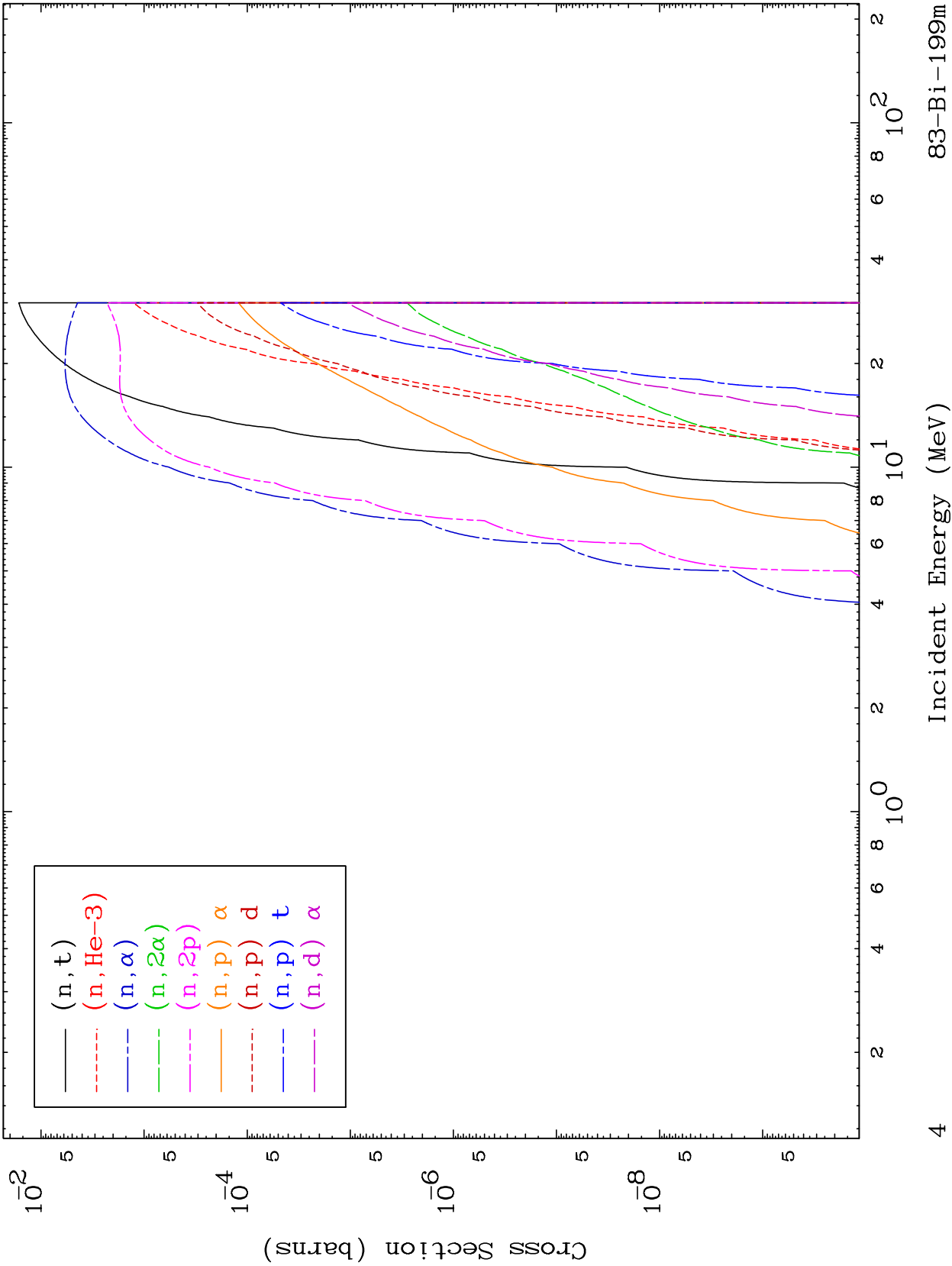




MAT 8296

Deuteron Neutron Absorption
0 Kelvin Cross Sections

83-Bi-199m

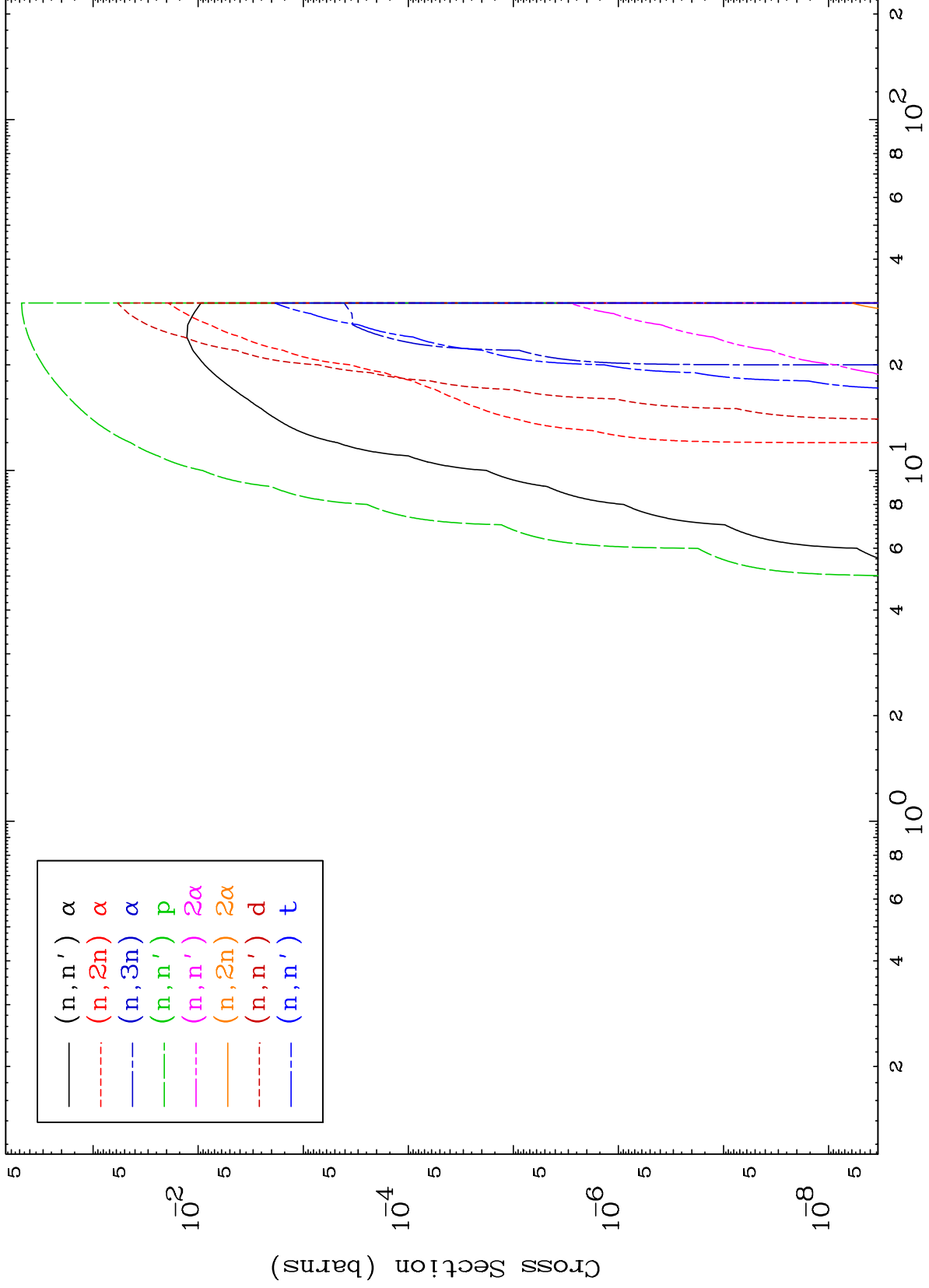


83-Bi-199m

MAT 8296

Deuteron Charged Particle
0 Kelvin Cross Sections

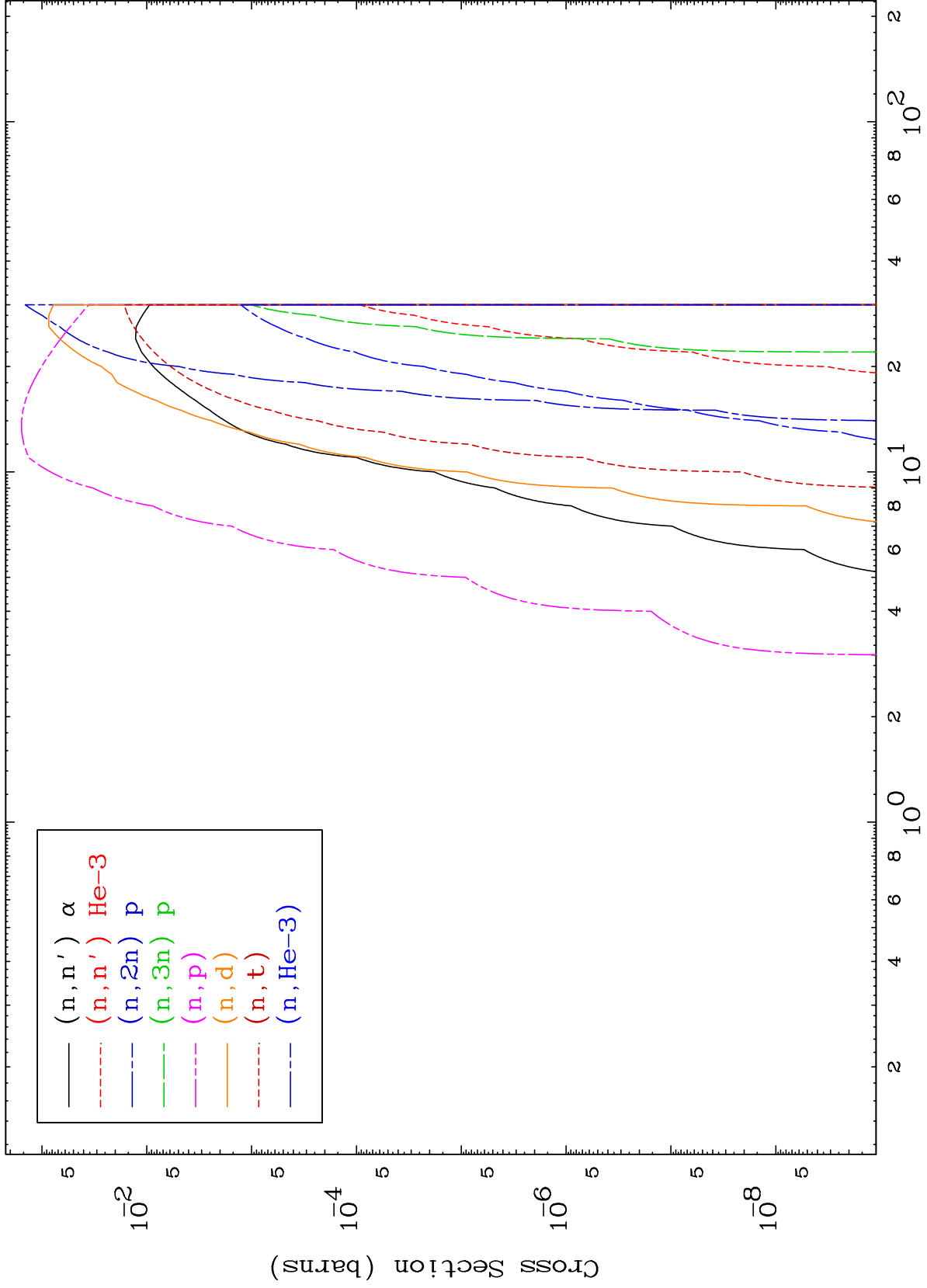
83-Bi-199m



MAT 8296

Deuteron Charged Particle
0 Kelvin Cross Sections

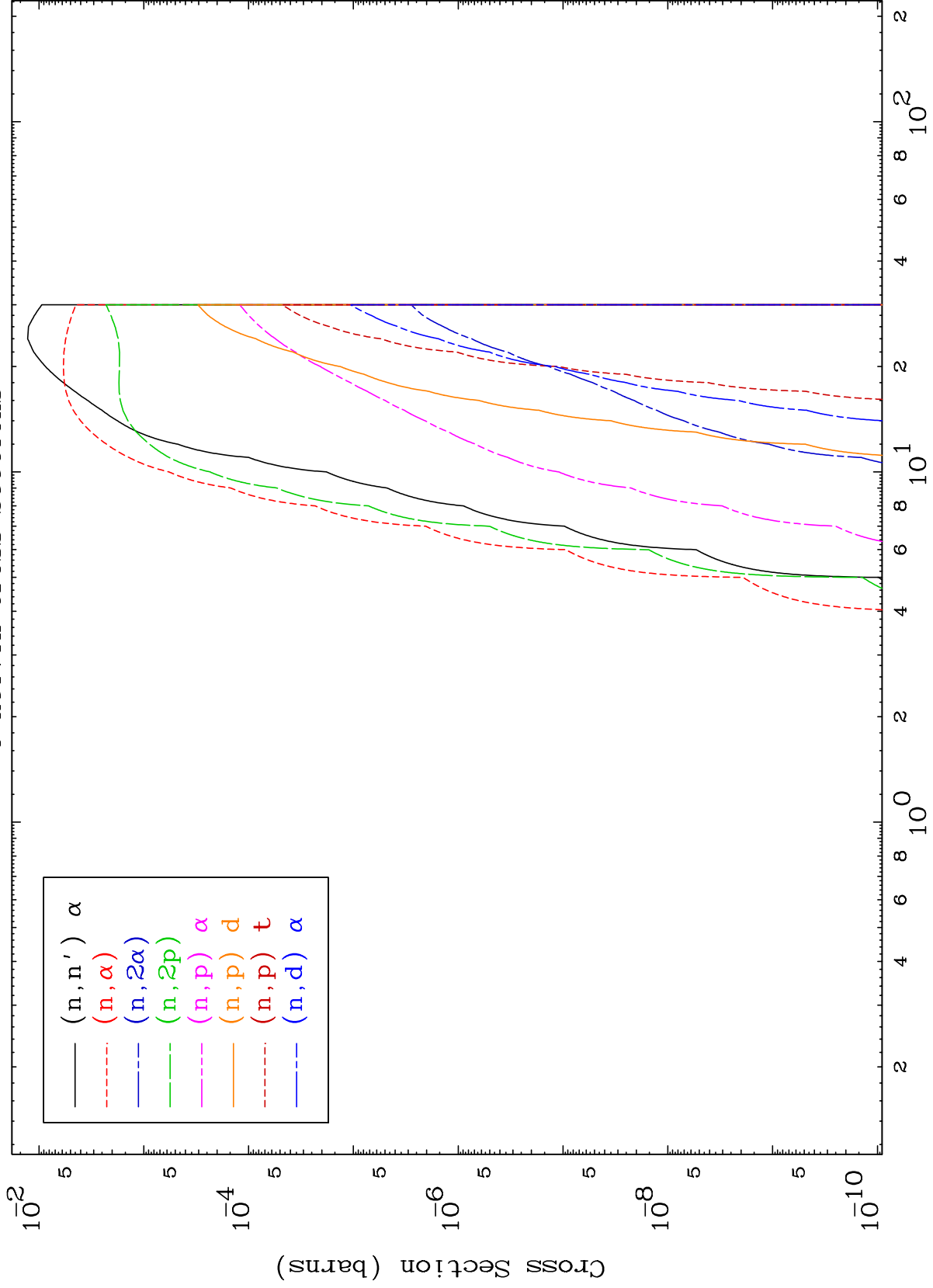
83-Bi-199m



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Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-199m

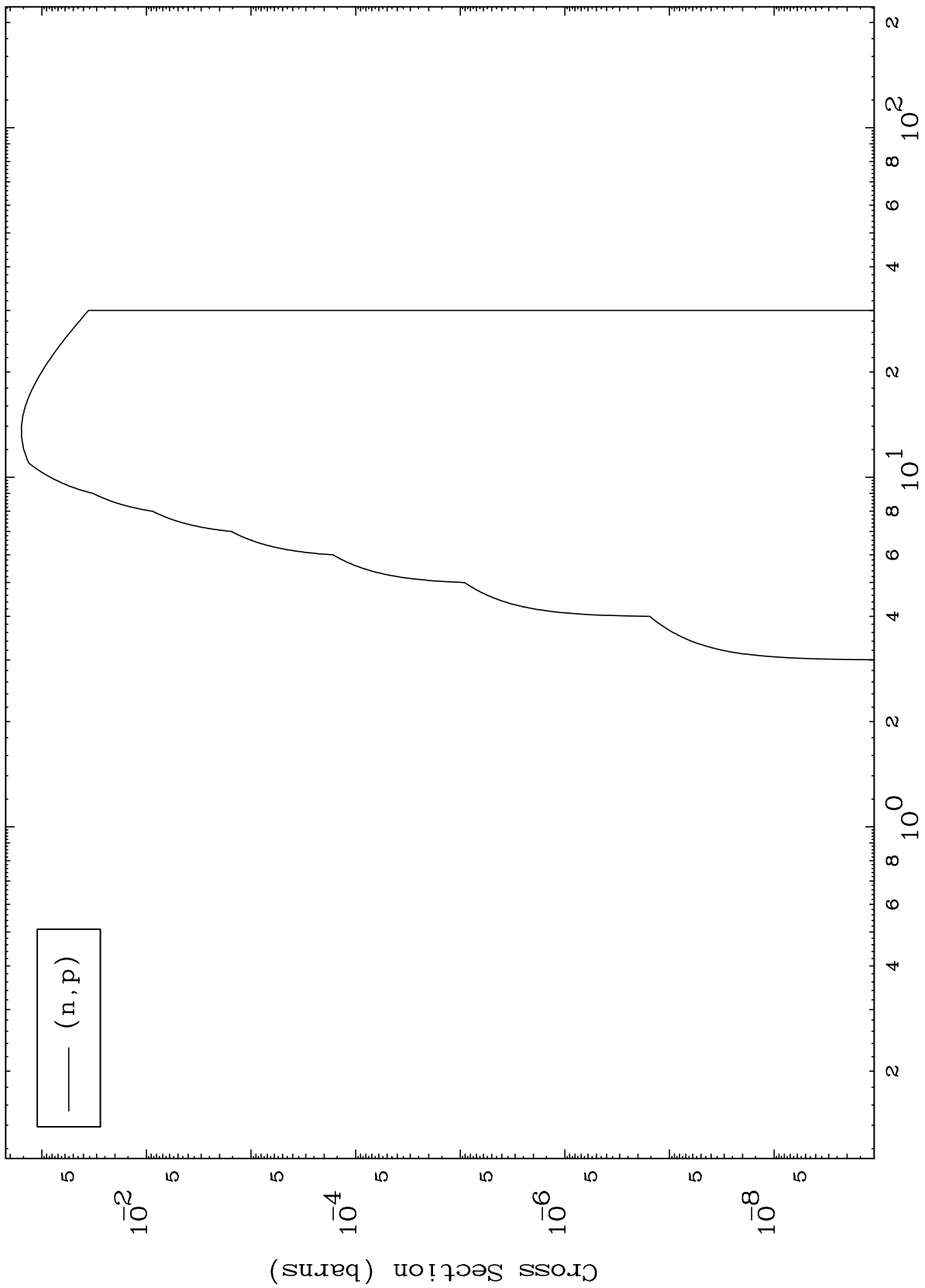


MAT 8296

(d,p) Levels

83-Bi-199m

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

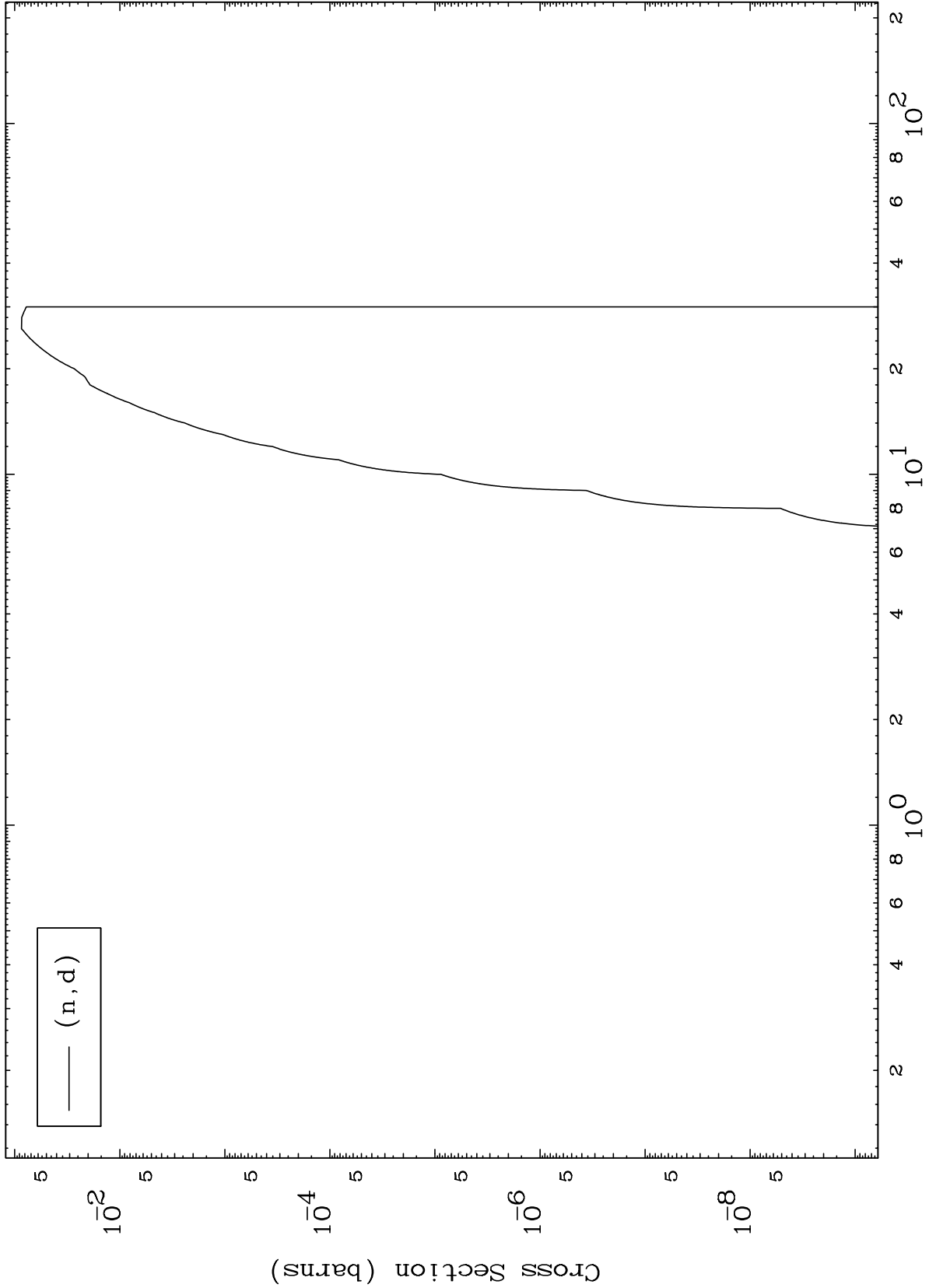
83-Bi-199m

MAT 8296

(d,d) Levels

⁸³Bi-199m

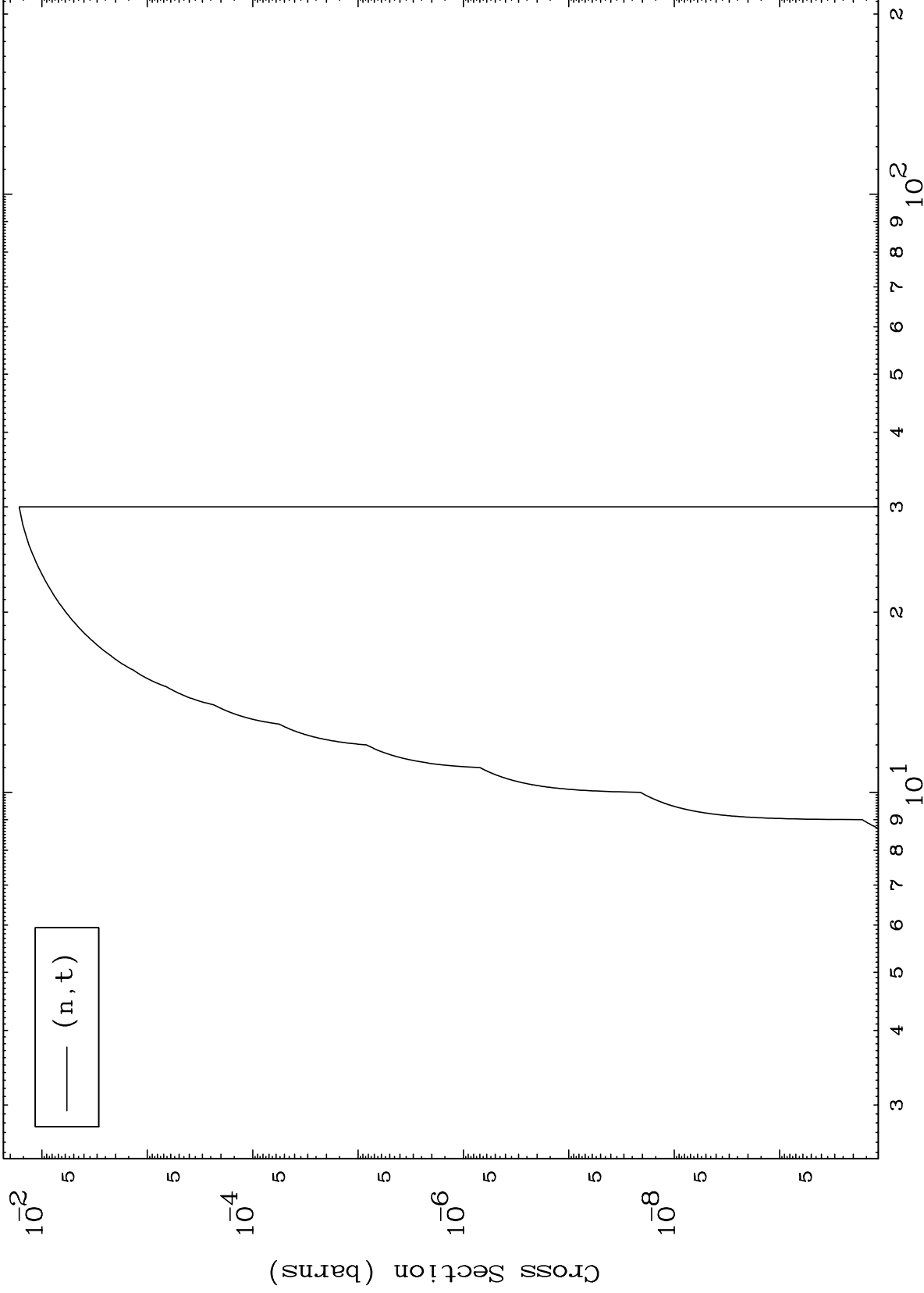
0 Kelvin Cross Sections



MAT 8296

(d,t) Levels
0 Kelvin Cross Sections

83-Bi-199m



10

Incident Energy (MeV)

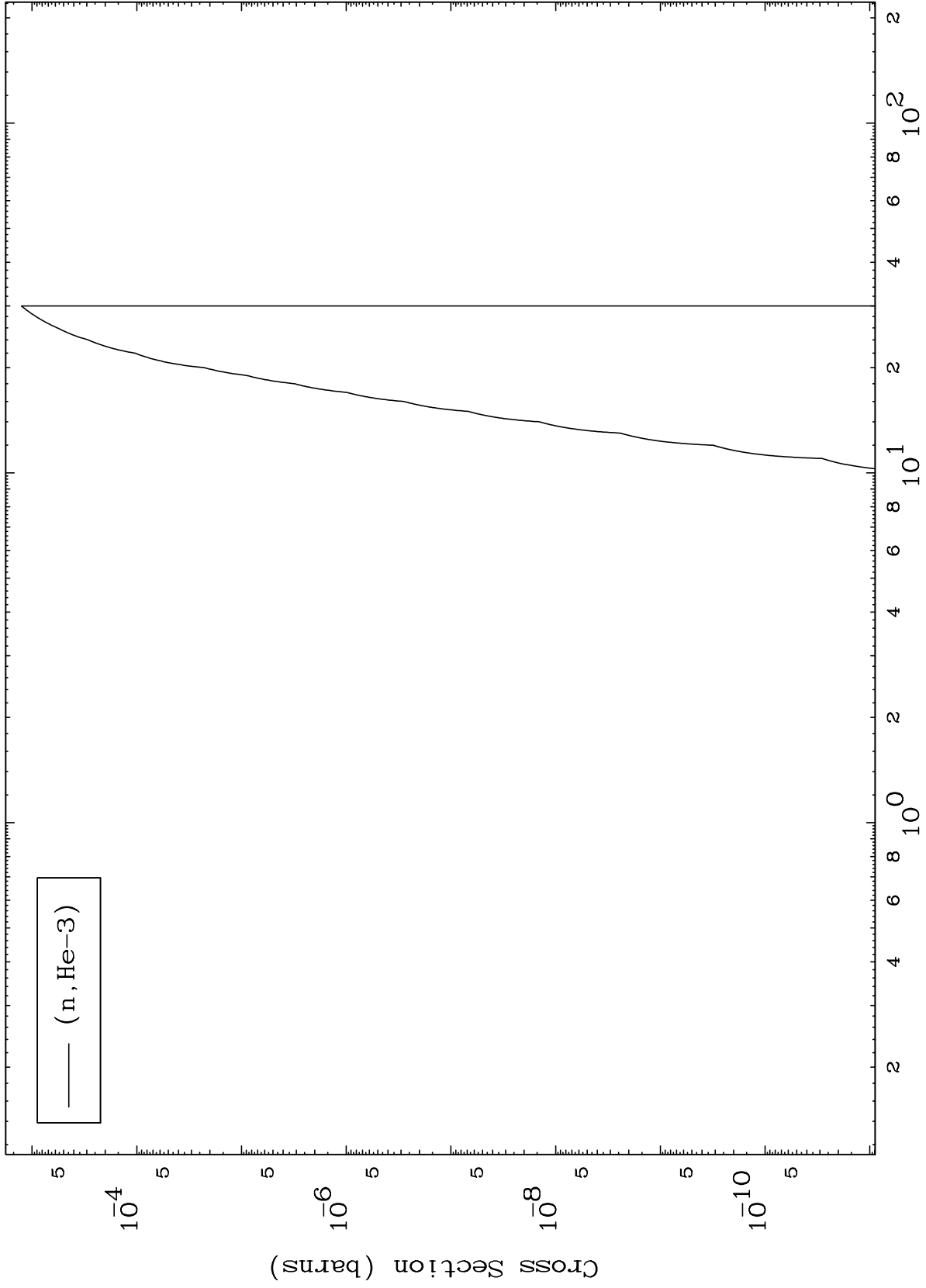
83-Bi-199m

MAT 8296

(d,He3) Levels

83-Bi-199m

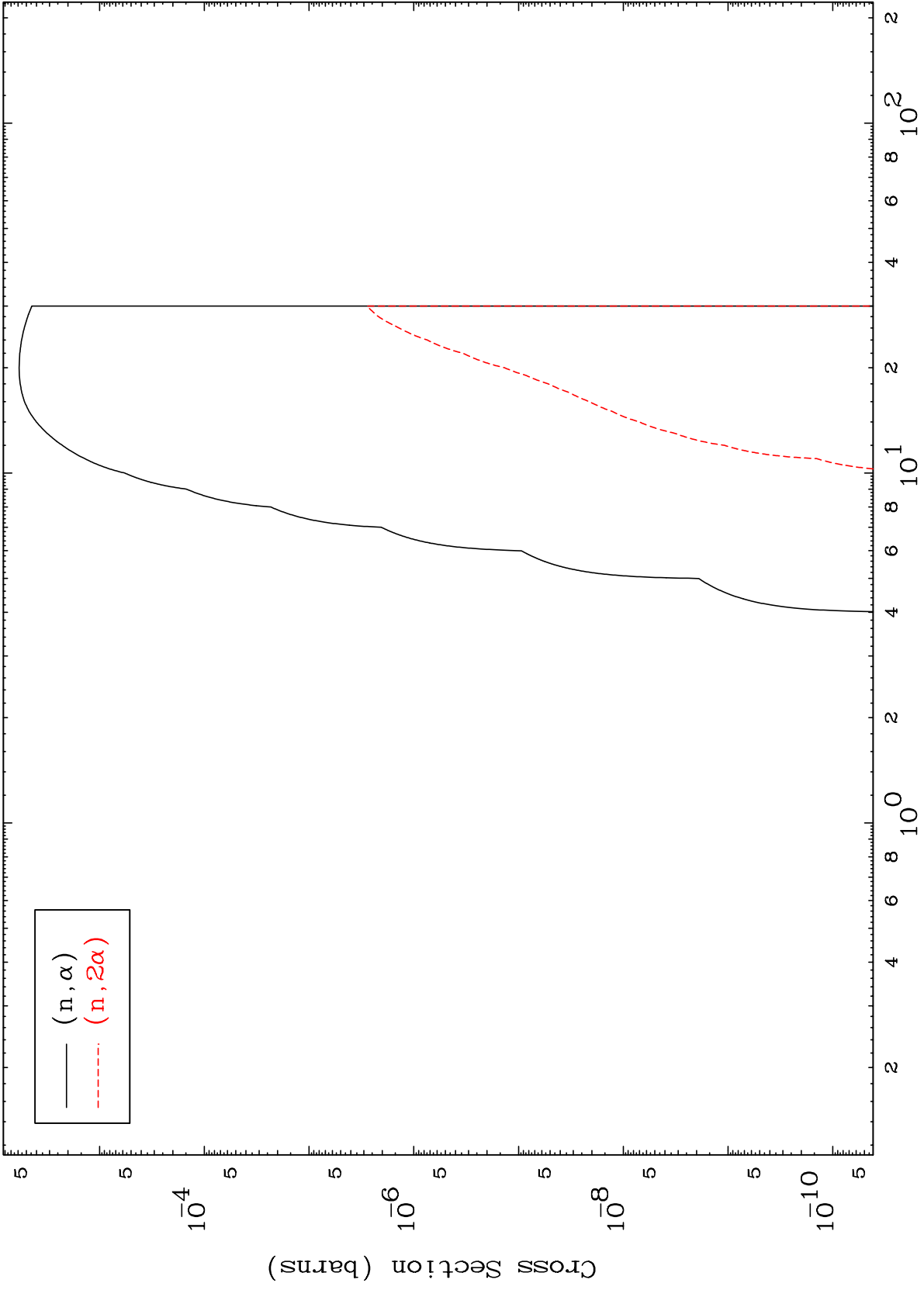
0 Kelvin Cross Sections



MAT 8296

(d, α) Levels
0 Kelvin Cross Sections

$^{83}\text{Bi}-199\text{m}$



12

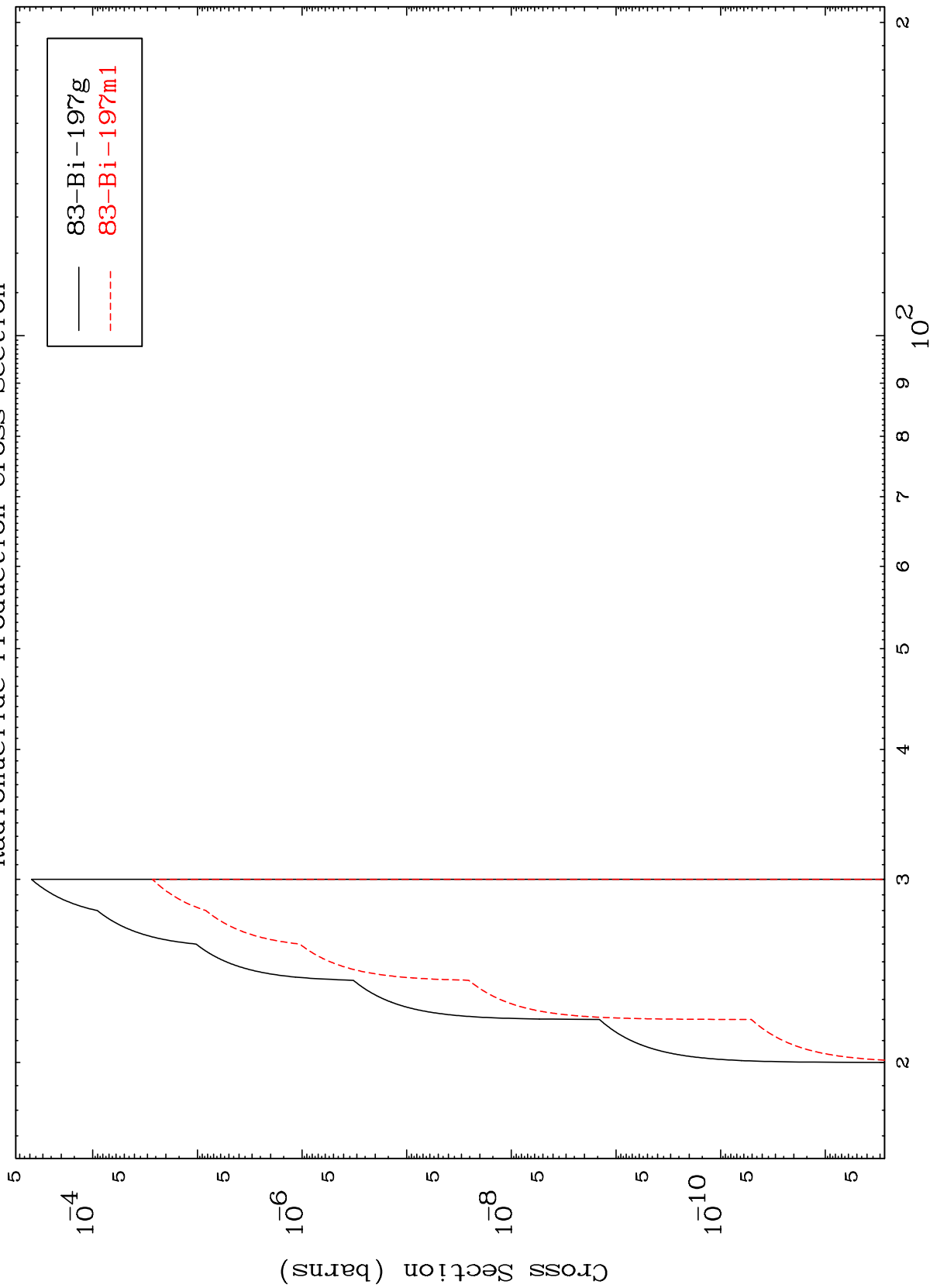
$^{83}\text{Bi}-199\text{m}$

MAT 8296

(n,2n) d

83-Bi-199m

Radionuclide Production Cross Section



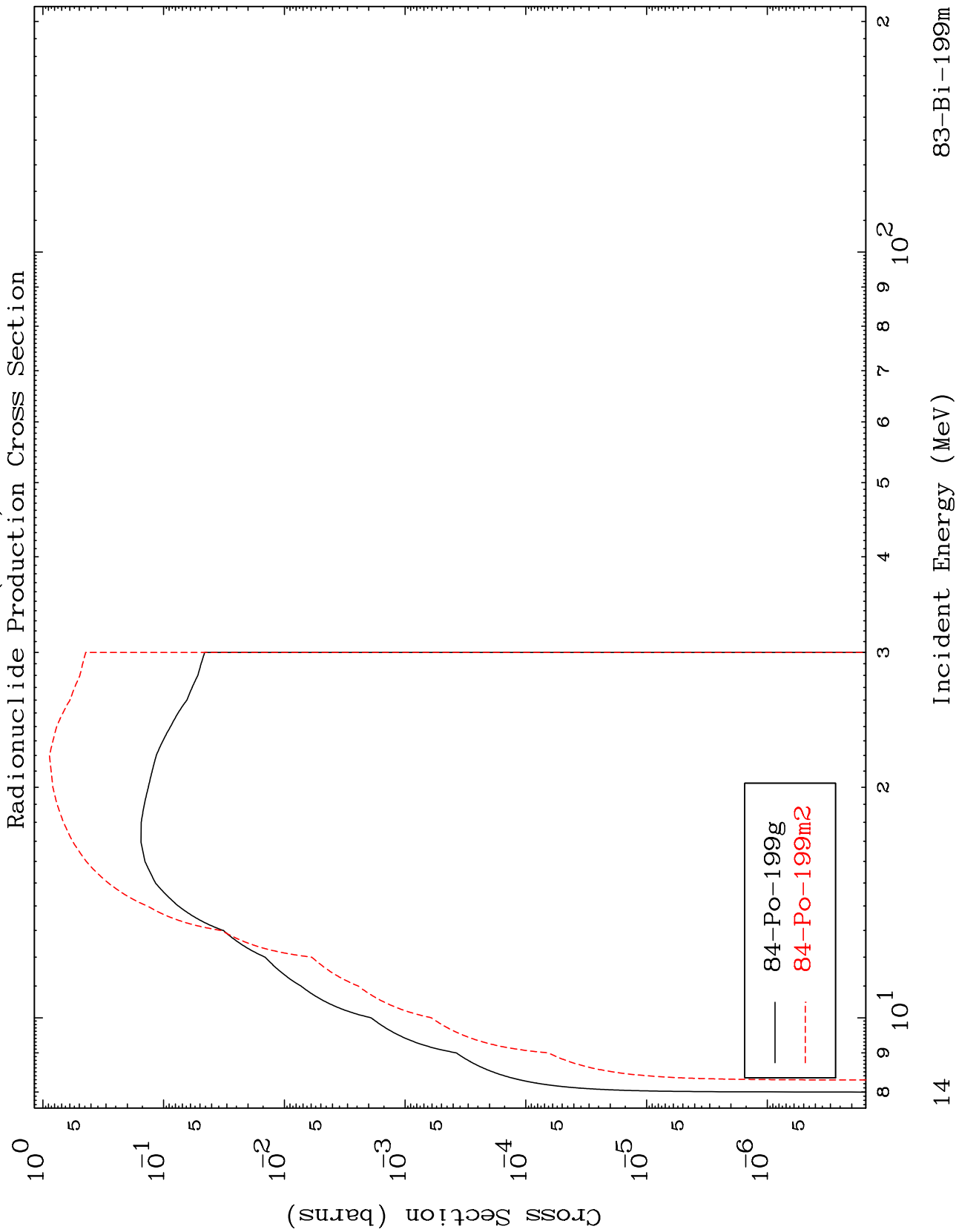
13

Incident Energy (MeV)

83-Bi-199m

MAT 8296

83-Bi-199m

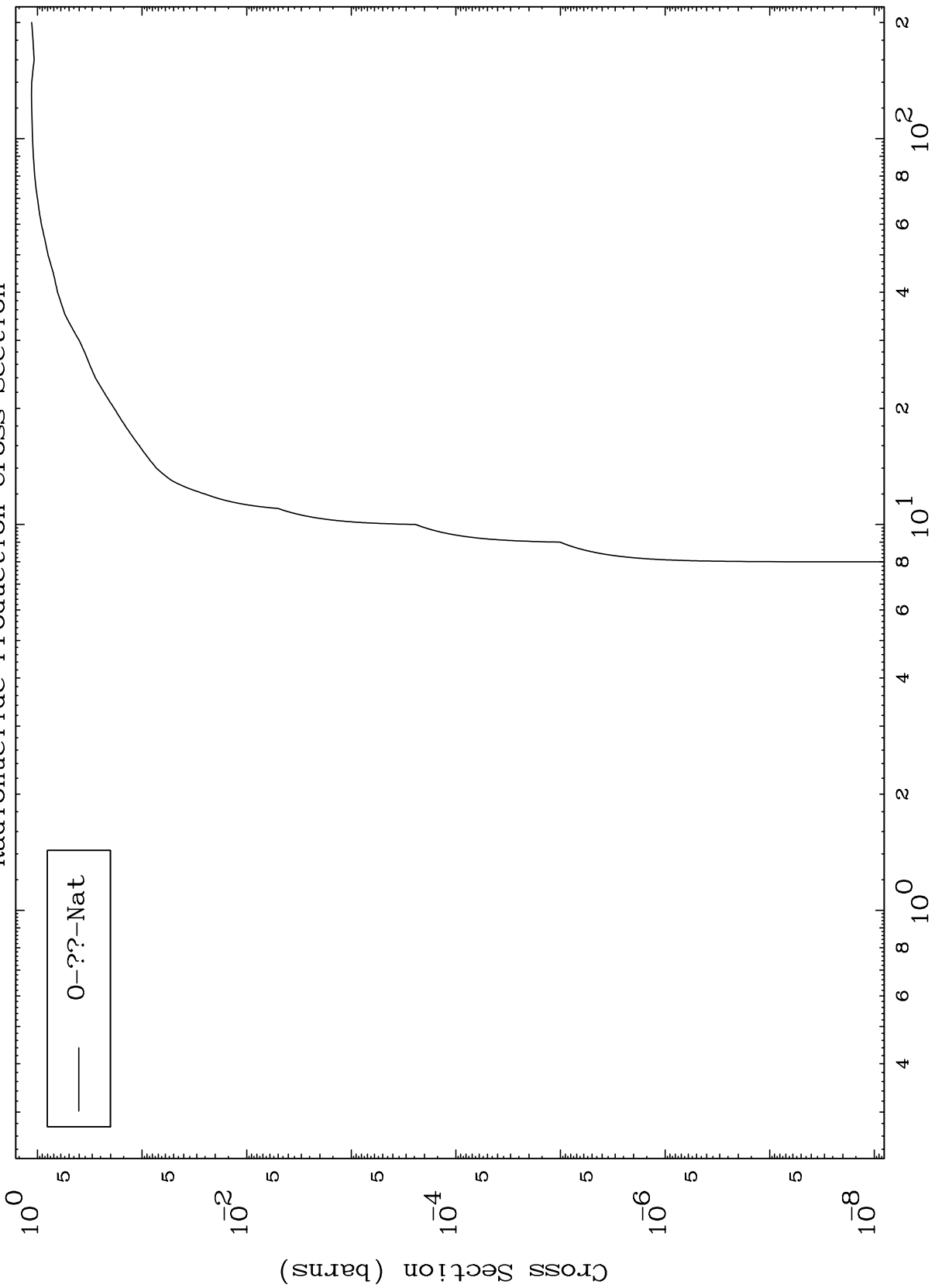


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Fission

⁸³Bi-199m

Radionuclide Production Cross Section

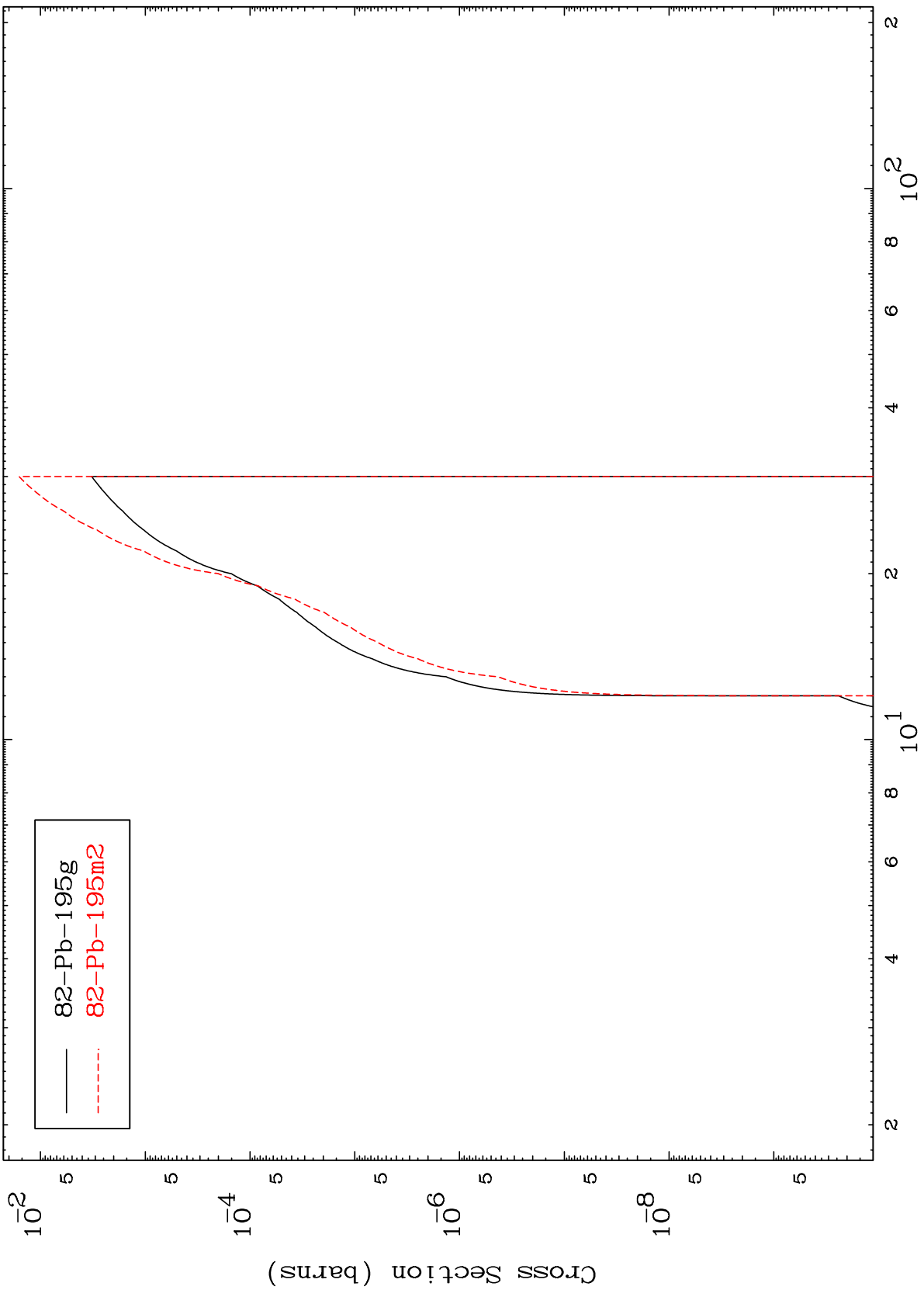


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$(n,2n) \alpha$

$^{83}\text{Bi-199m}$

Radionuclide Production Cross Section



— 82-Pb-195g
- - - 82-Pb-195m2

16

Incident Energy (MeV)

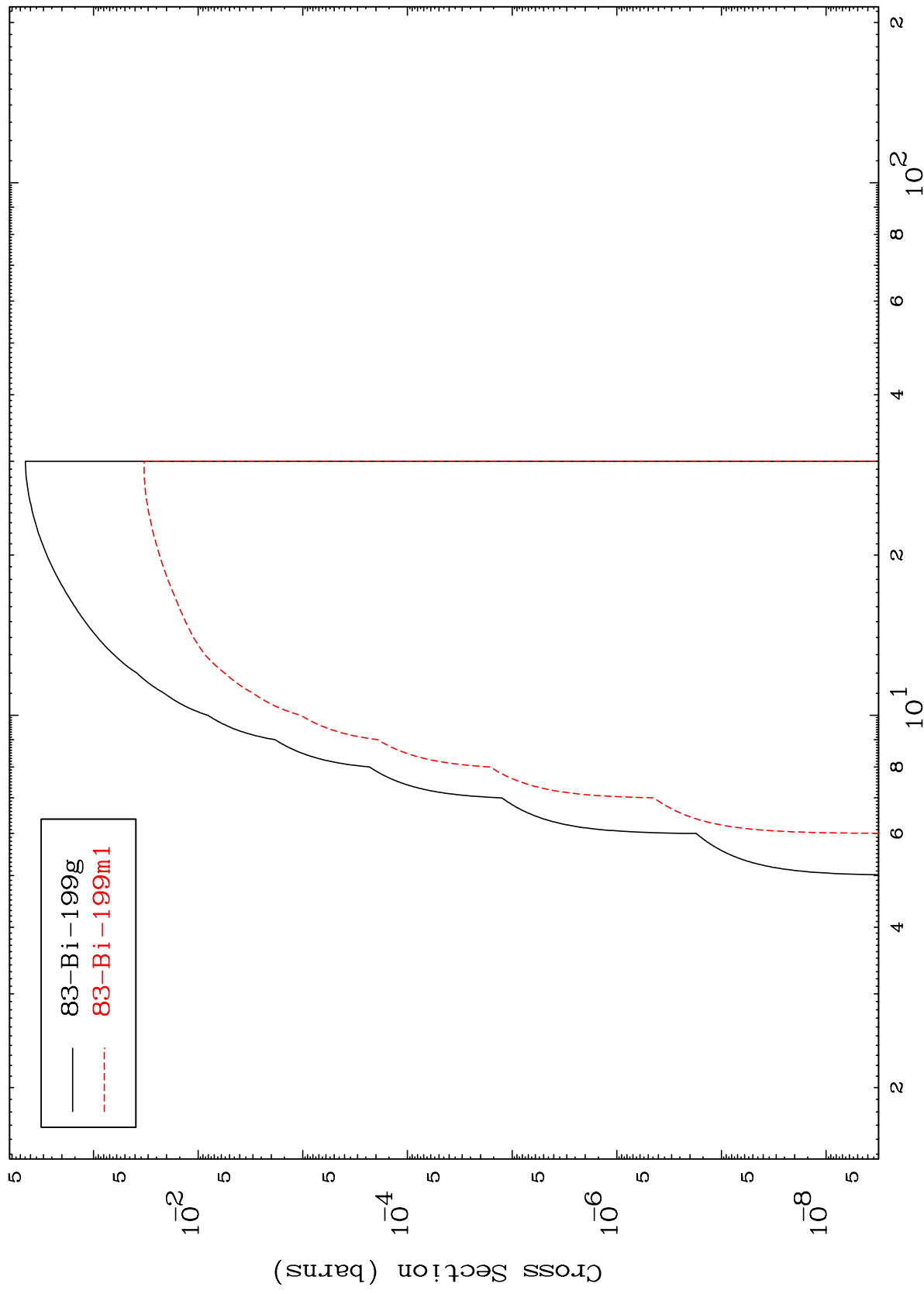
$^{83}\text{Bi-199m}$

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(n,n') p

⁸³Bi-199m

Radionuclide Production Cross Section



17

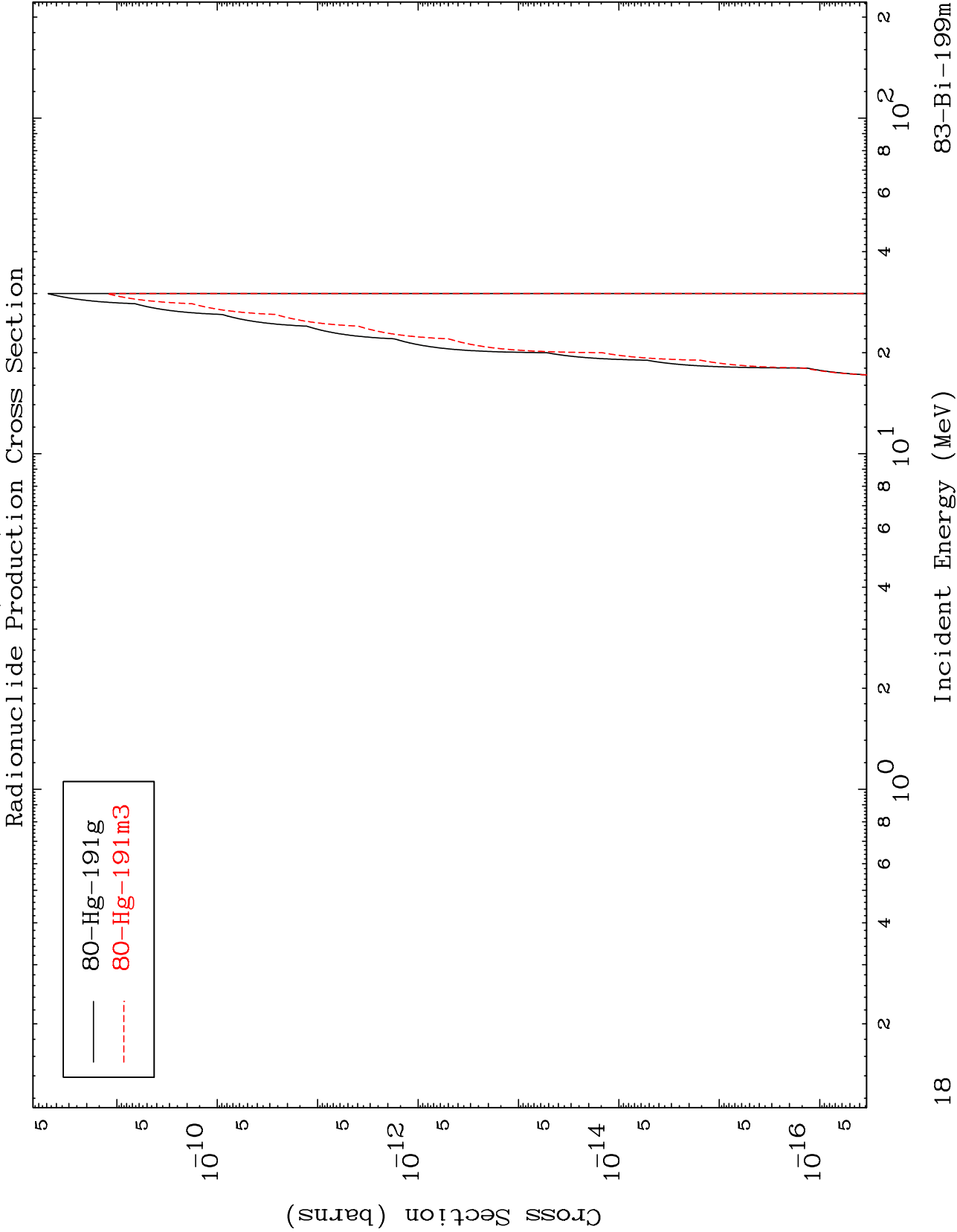
Incident Energy (MeV)

⁸³Bi-199m

MAT 8296

(n,2n) 2 α

83-Bi-199m

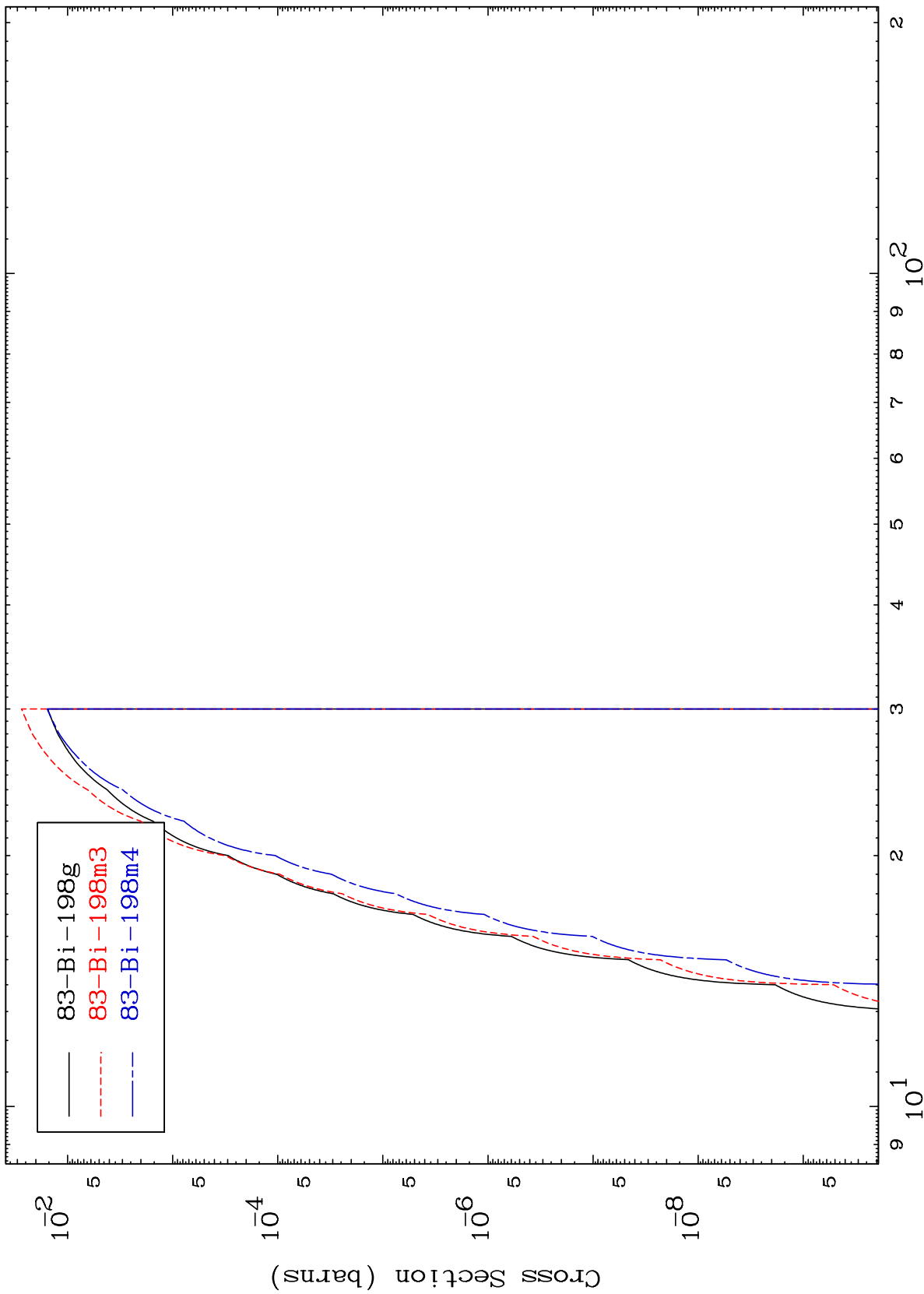


MAT 8296

(n,n') d

83-Bi-199m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

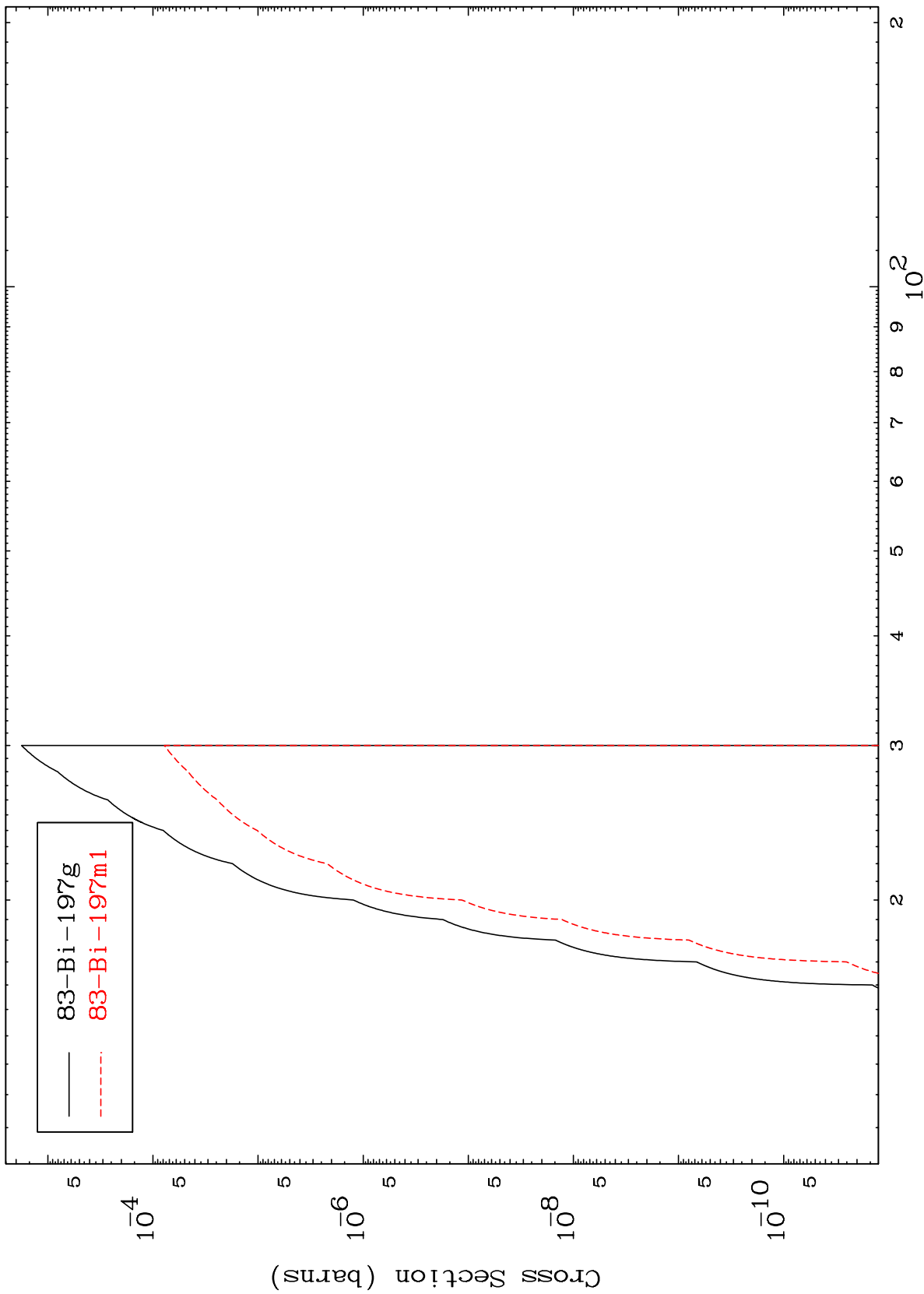
83-Bi-199m

MAT 8296

(n,n') t

83-Bi-199m

Radionuclide Production Cross Section

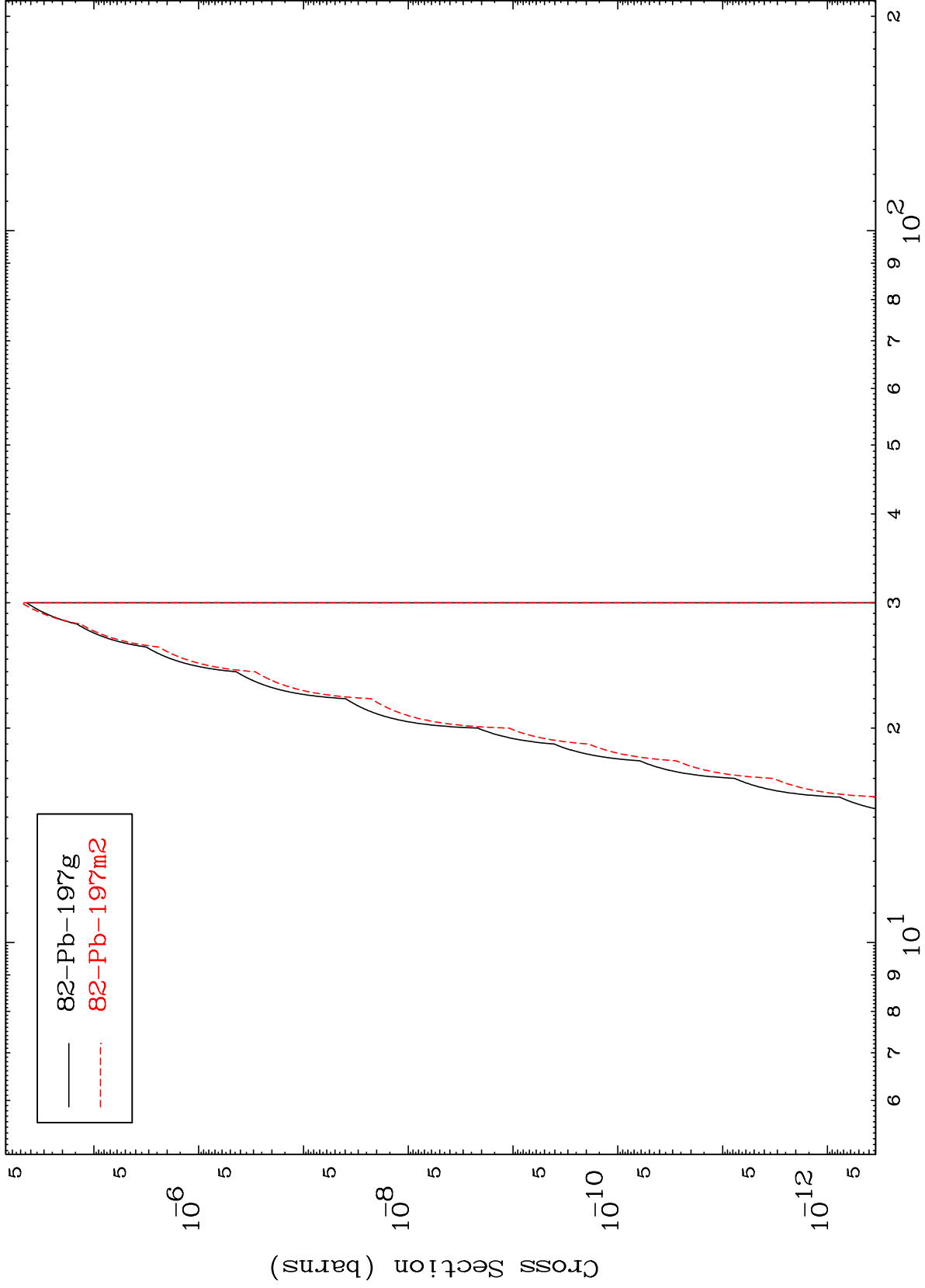


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(n,n') He-3

83-Bi-199m

Radionuclide Production Cross Section

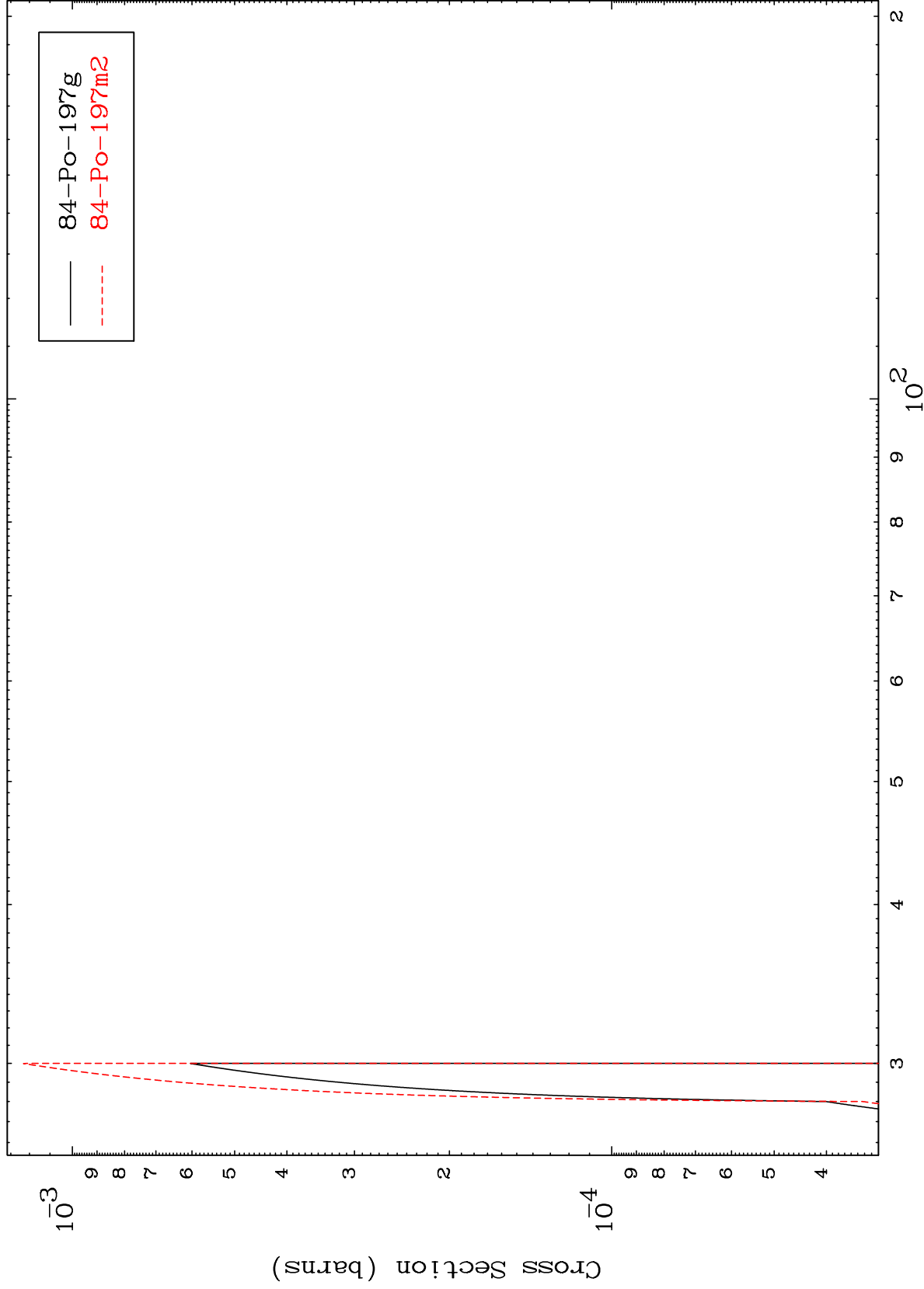


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(n,4n)

83-Bi-199m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

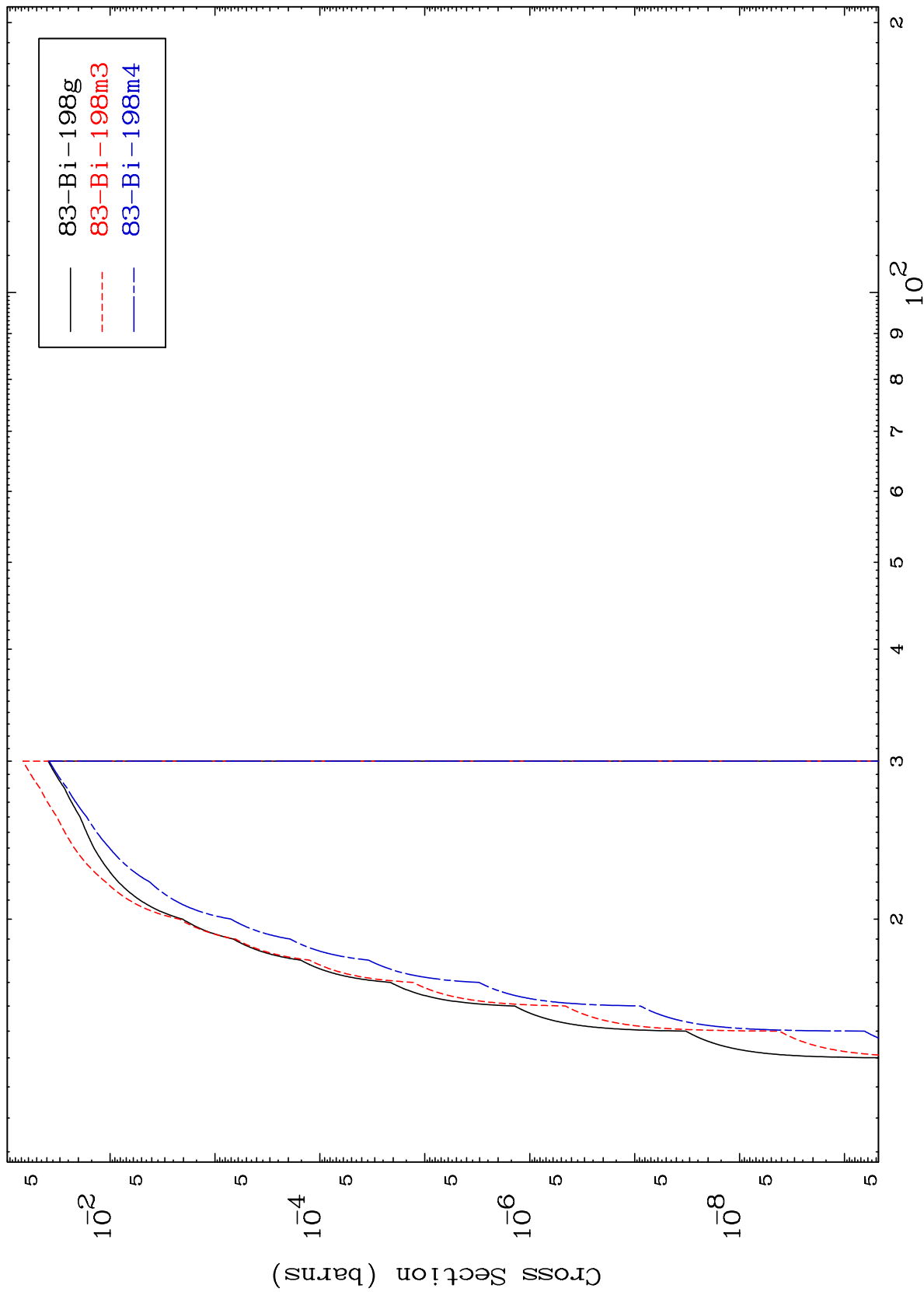
83-Bi-199m

MAT 8296

$(n,2n)$ p

$^{83}\text{Bi}-199\text{m}$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

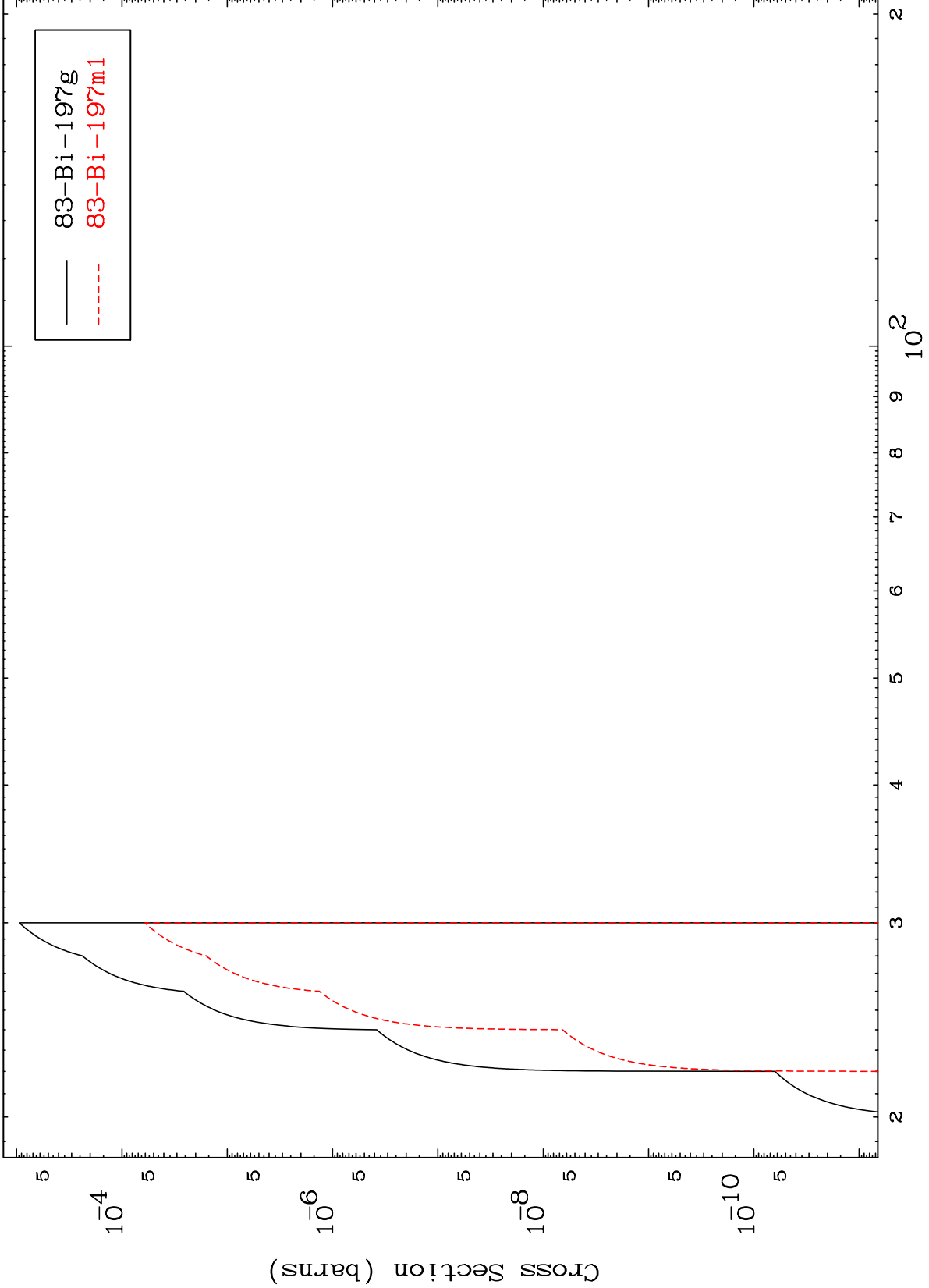
$^{83}\text{Bi}-199\text{m}$

MAT 8296

(n,3n) p

83-Bi-199m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

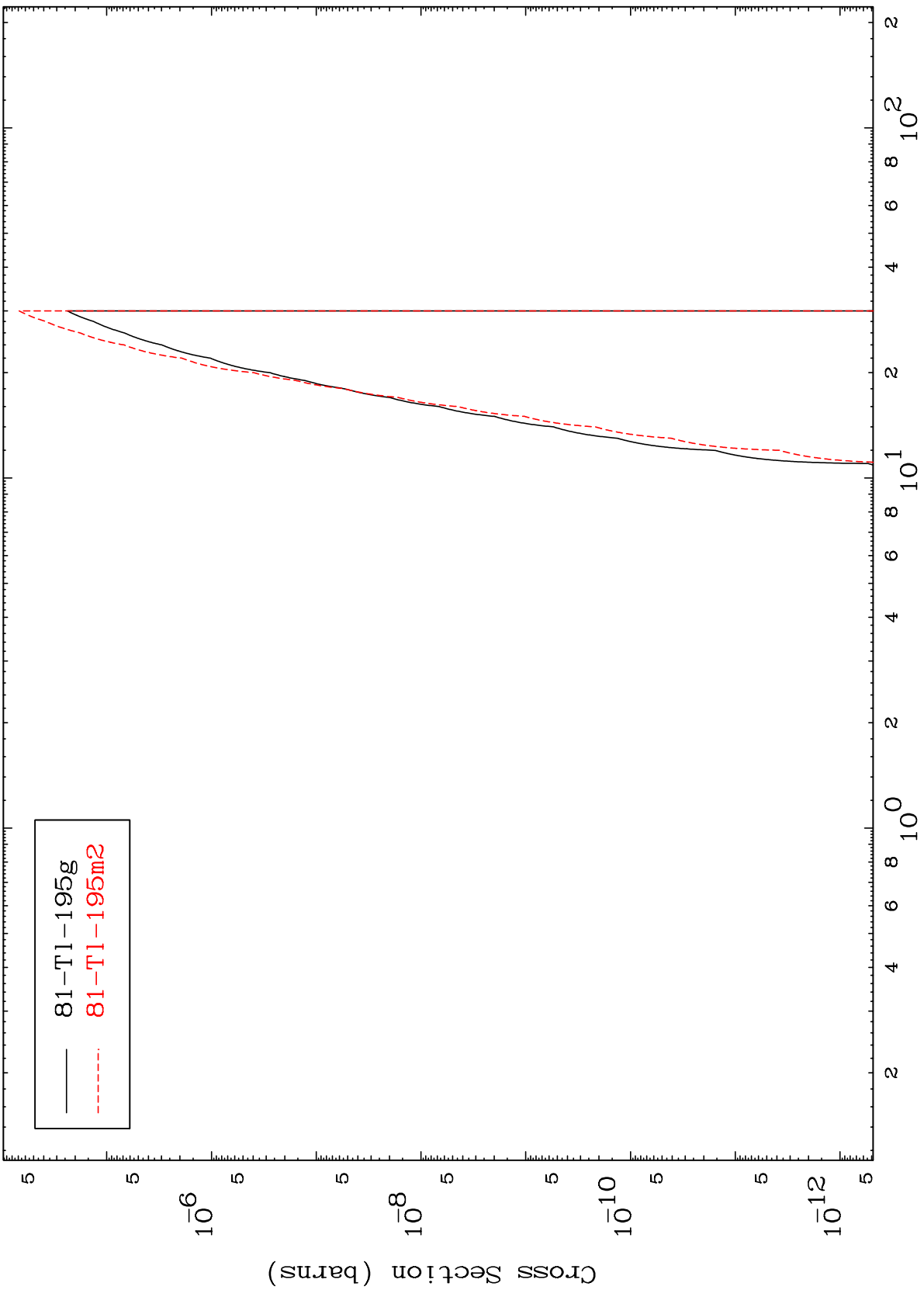
83-Bi-199m

MAT 8296

(n,n') p α

83-Bi-199m

Radionuclide Production Cross Section

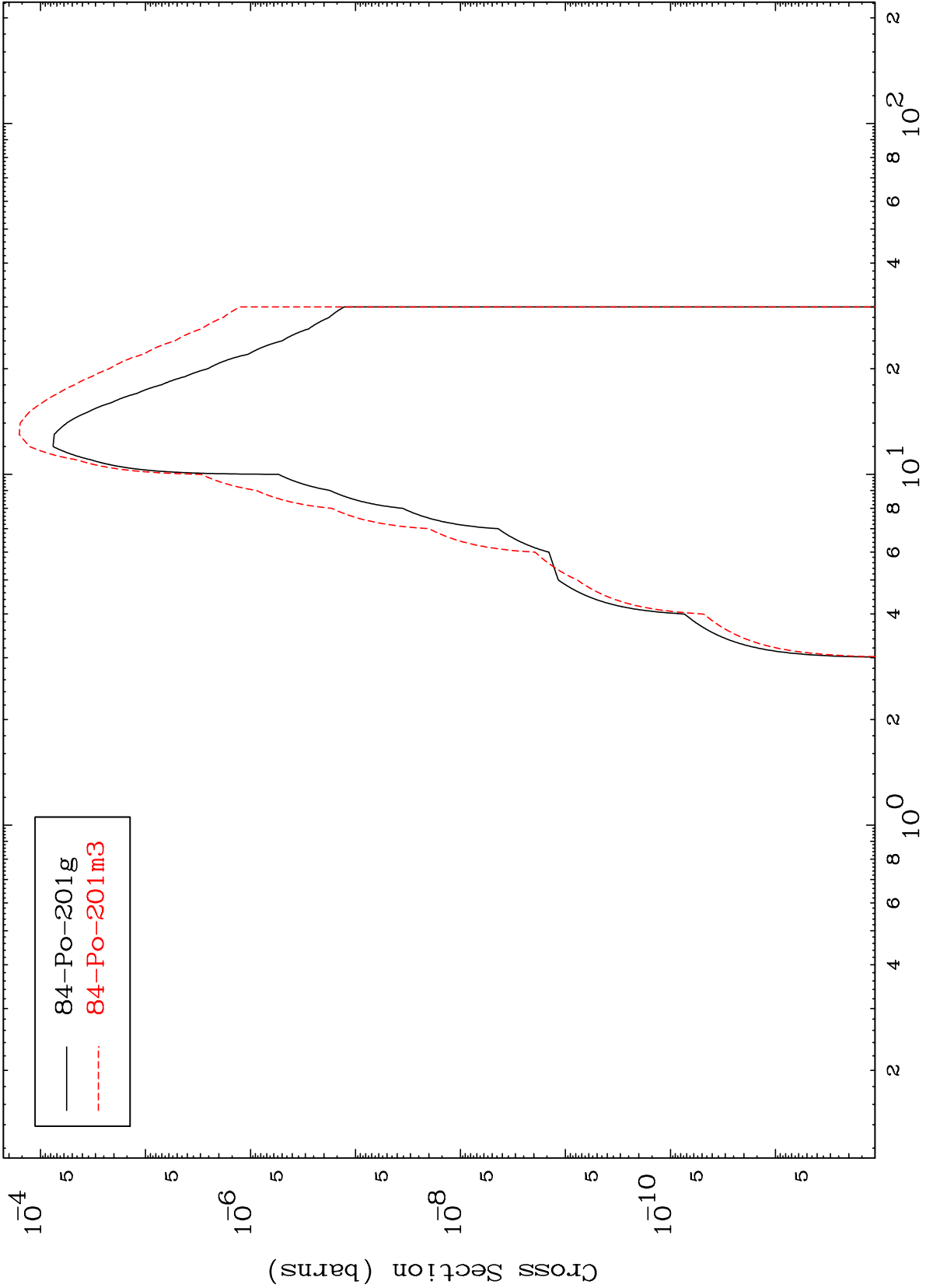


81-Tl-195g
81-Tl-195m2

MAT 8296

83-Bi-199m

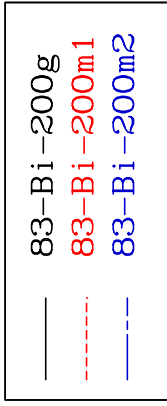
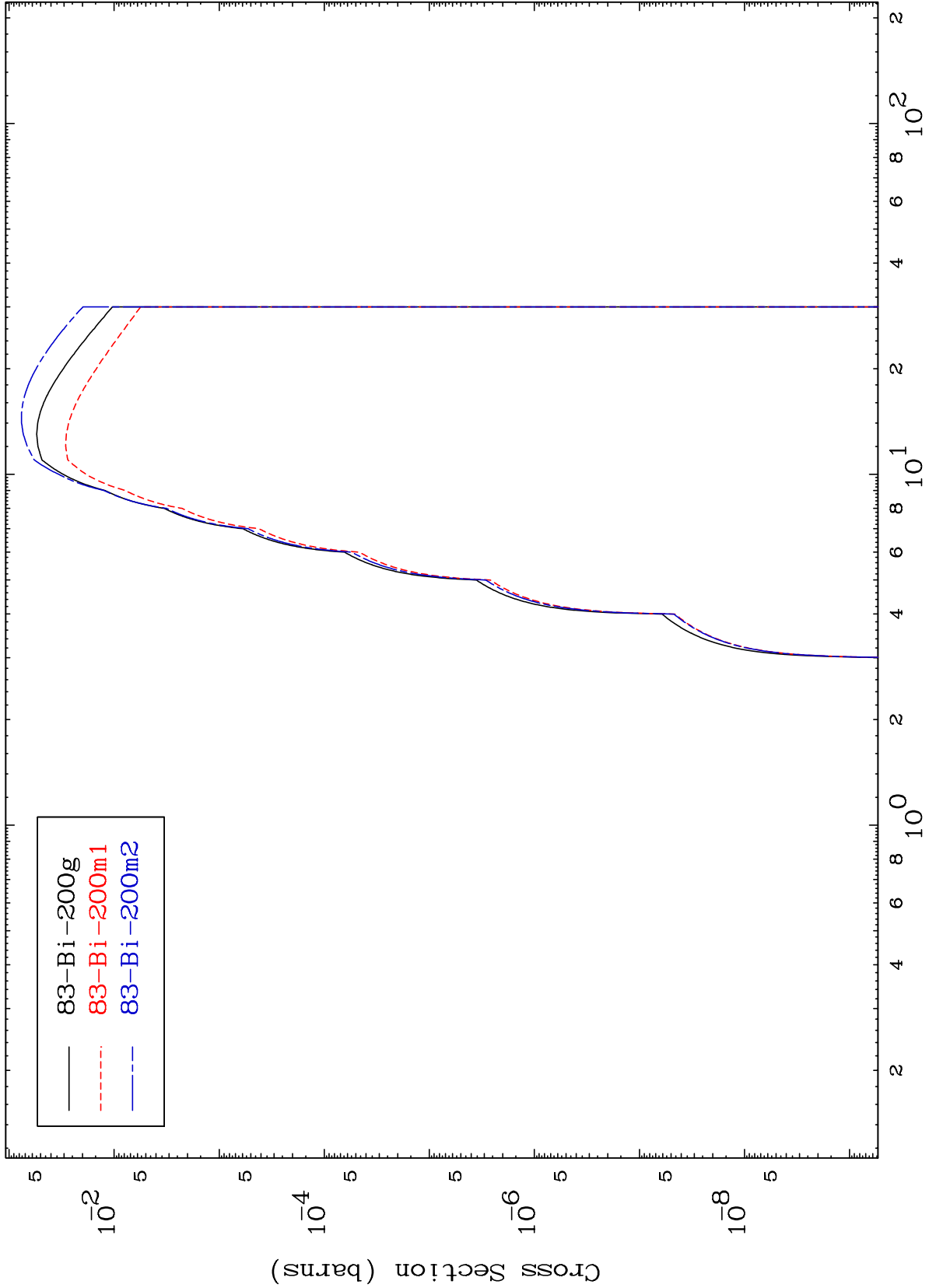
(n, γ)
Radionuclide Production Cross Section



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⁸³Bi-199m

(n,p)
Radionuclide Production Cross Section



⁸³Bi-199m

Incident Energy (MeV)

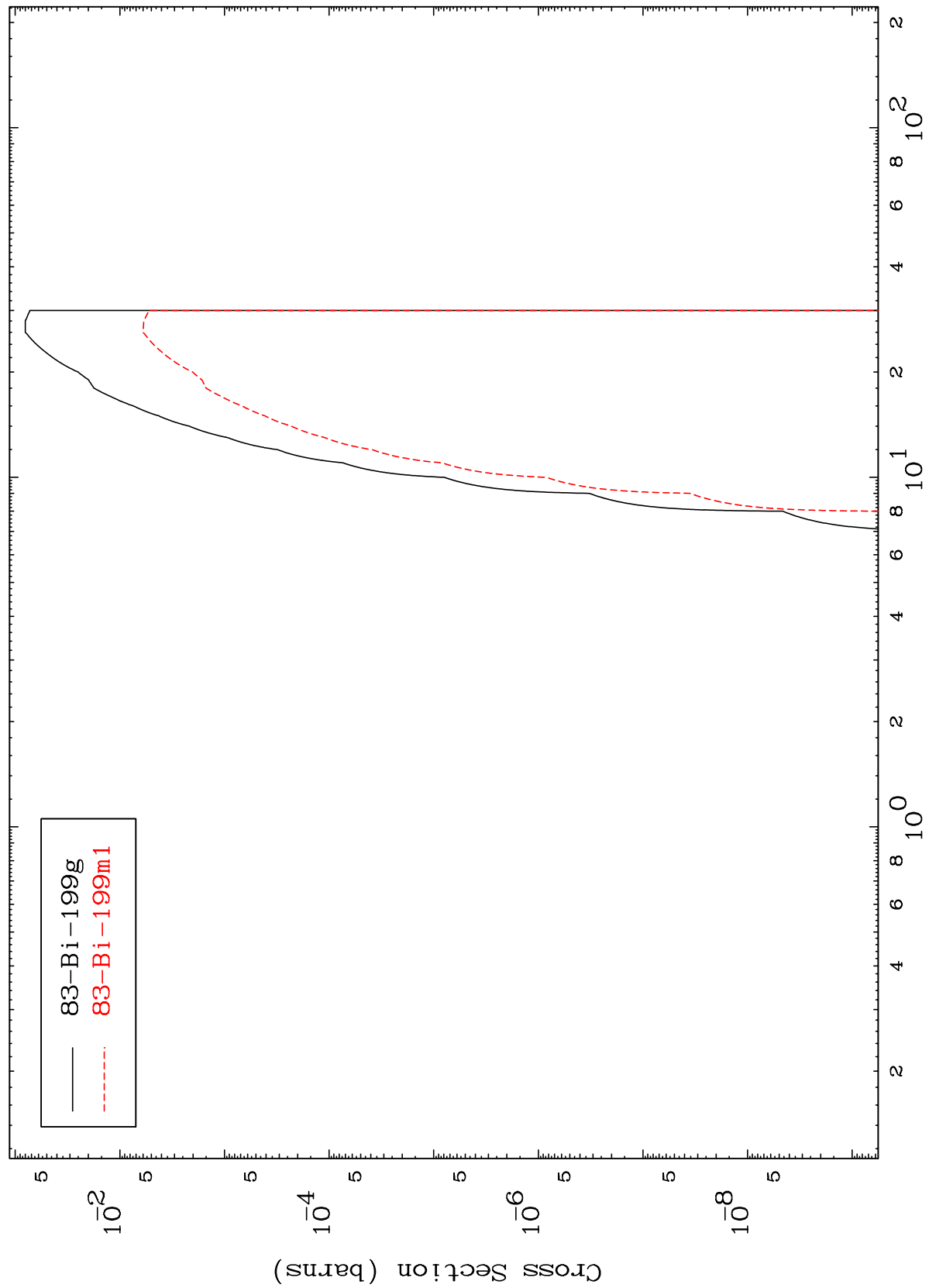
27

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(n,d)

⁸³Bi-199m

Radionuclide Production Cross Section

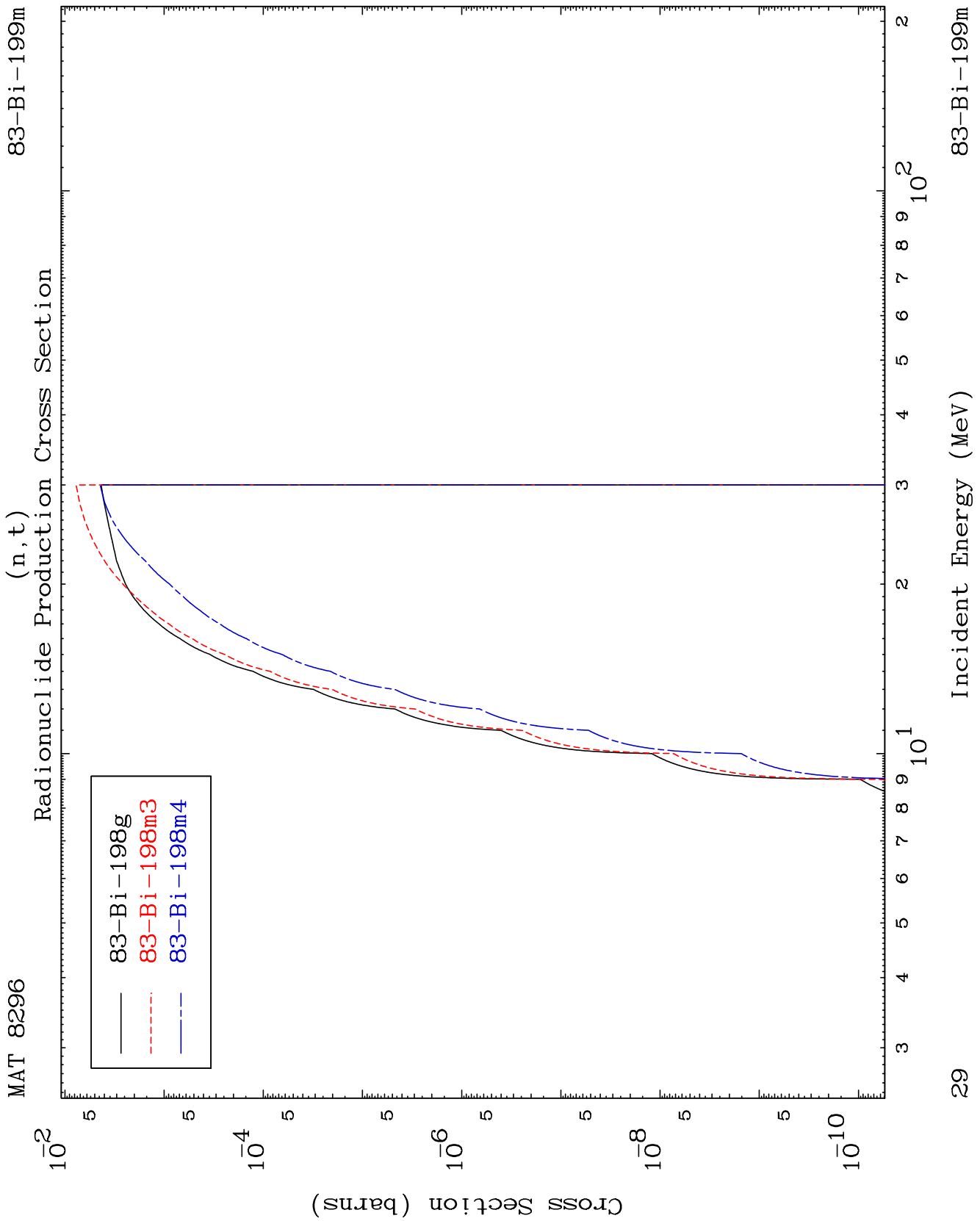


— 83-Bi-199g
- - - 83-Bi-199m1

Incident Energy (MeV)

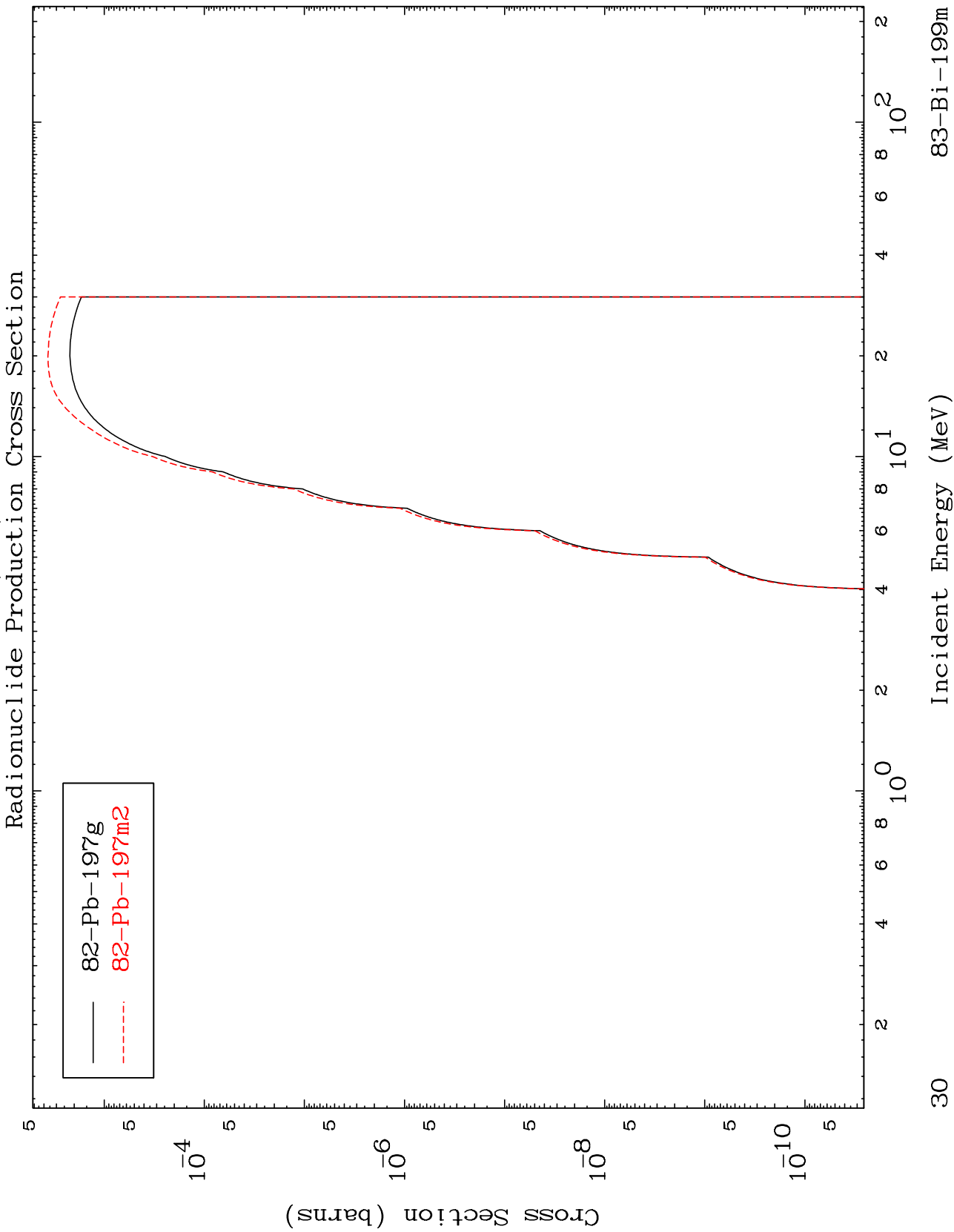
⁸³Bi-199m

28



MAT 8296

83-Bi-199m



30

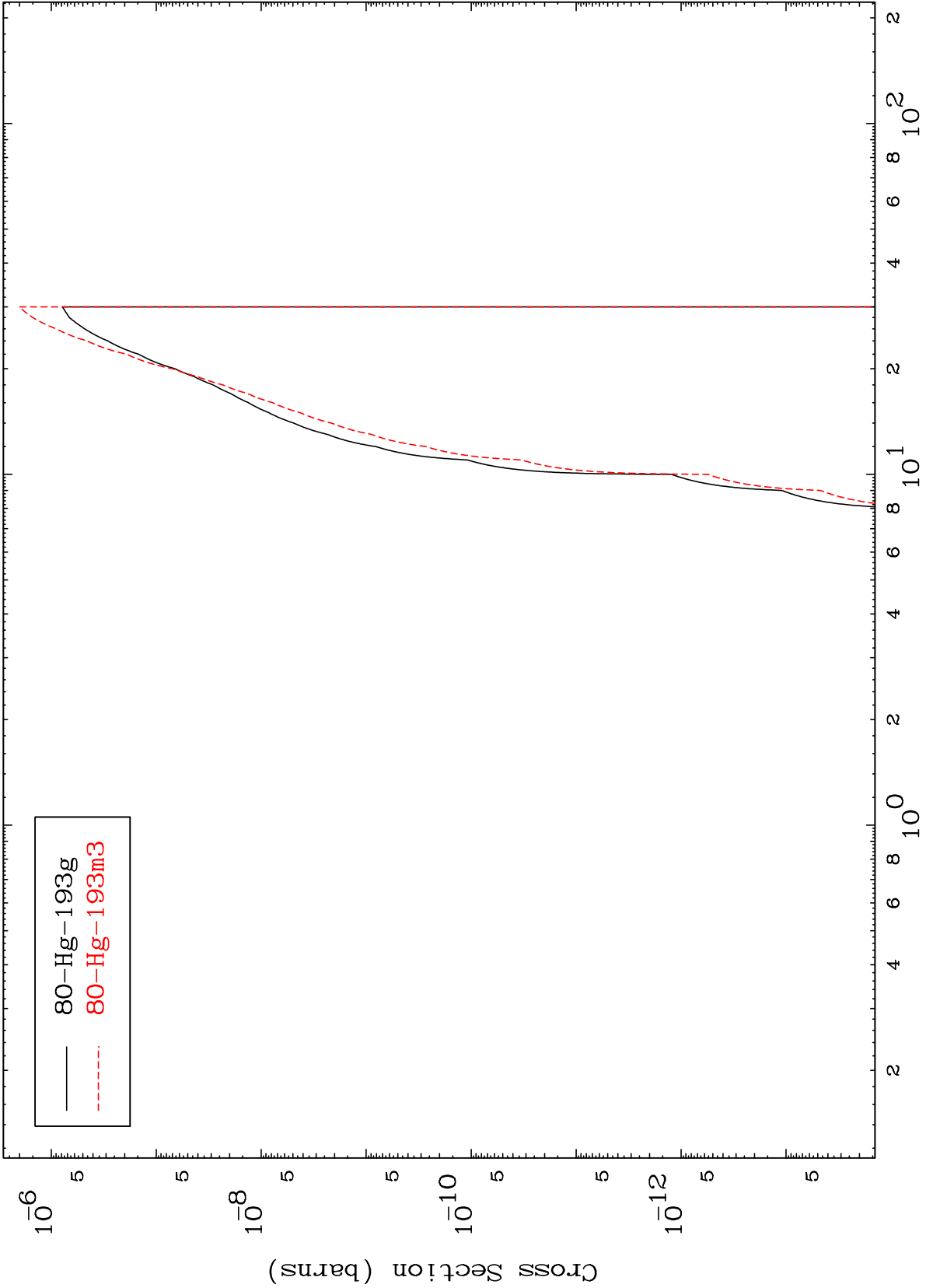
83-Bi-199m

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(n,2α)

83-Bi-199m

Radionuclide Production Cross Section



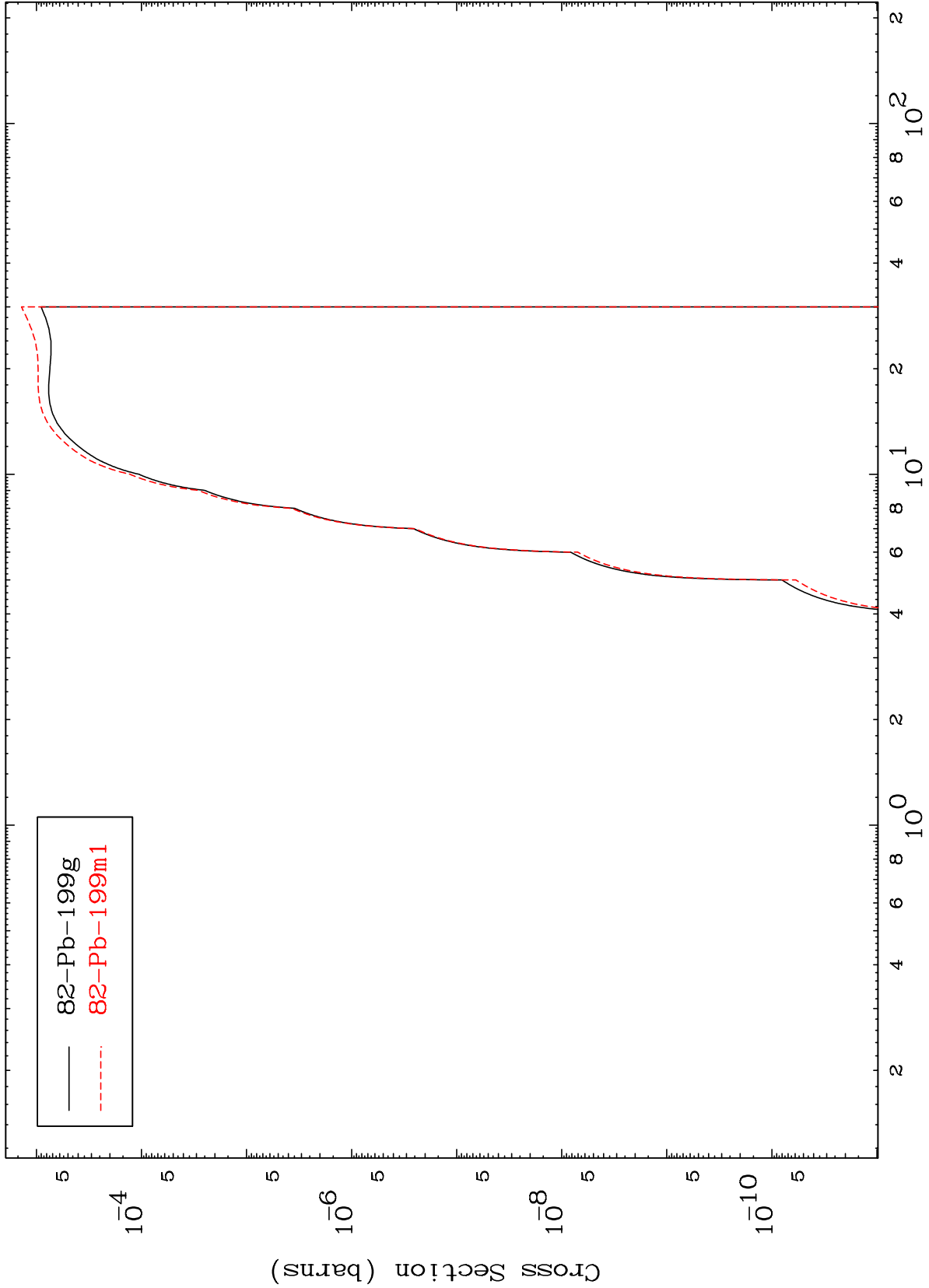
80-Hg-193g
80-Hg-193m3

MAT 8296

(n,2p)

83-Bi-199m

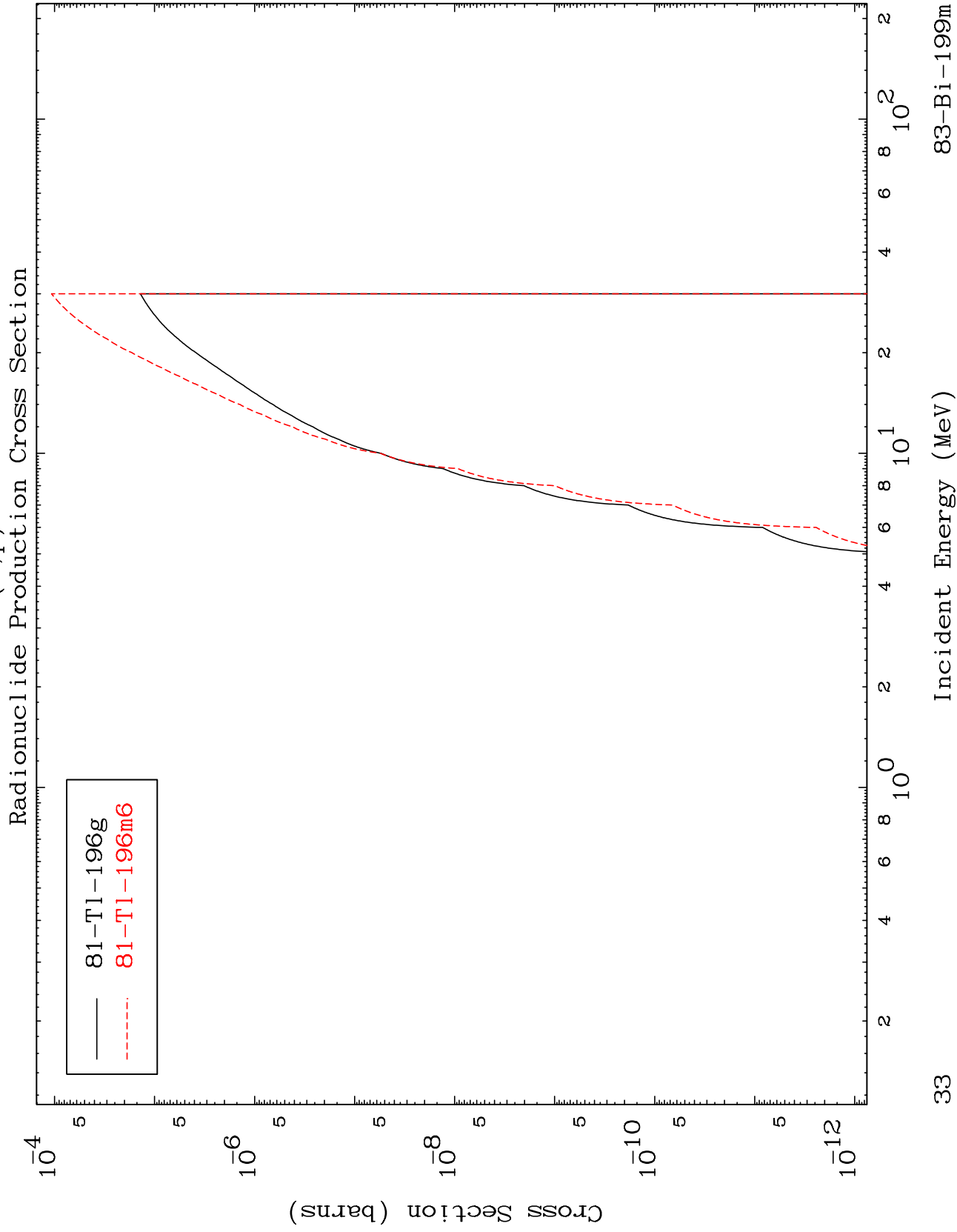
Radionuclide Production Cross Section



MAT 8296

(n,p) α

$^{83}\text{Bi}-199\text{m}$

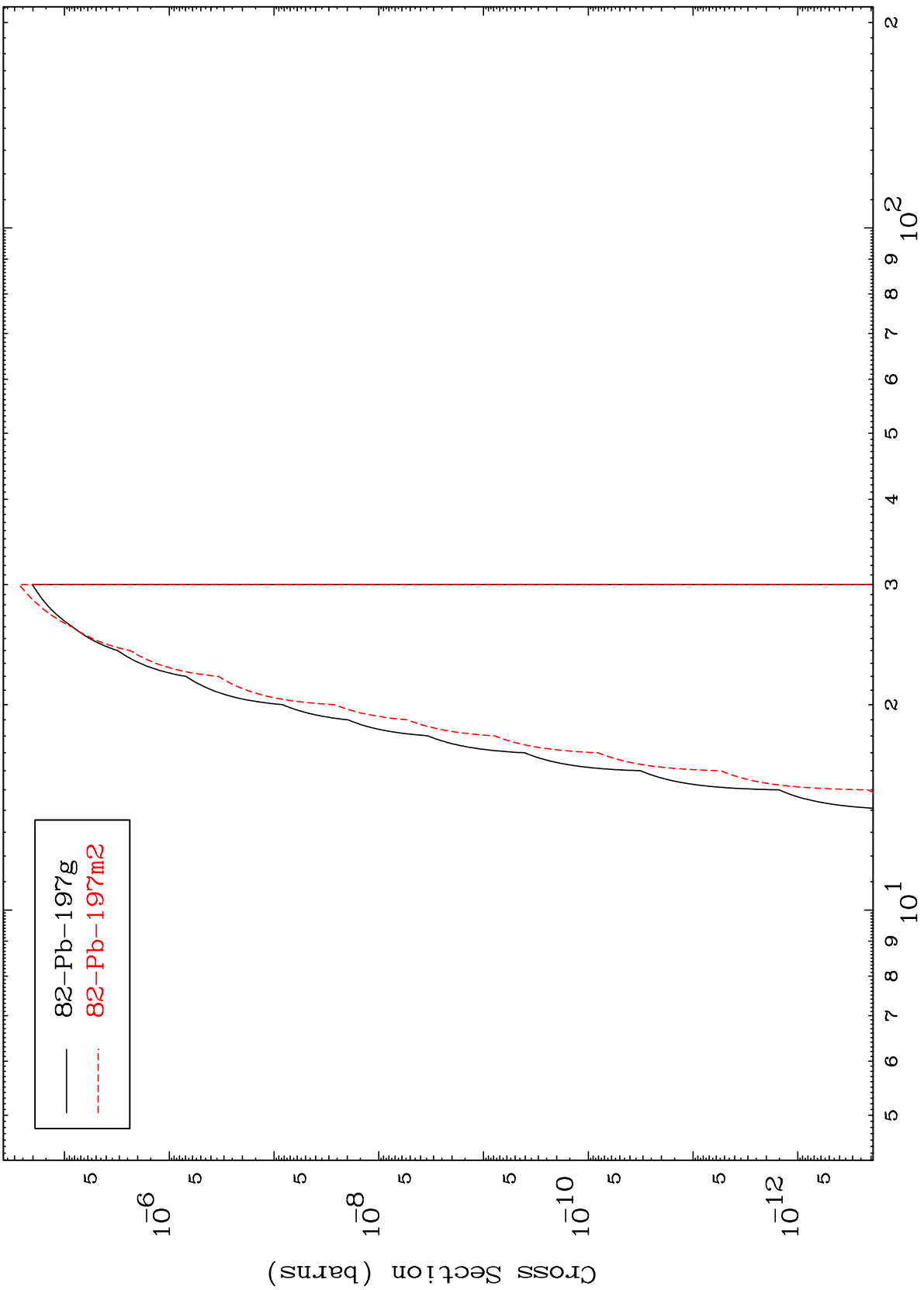


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(n,p) t

83-Bi-199m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

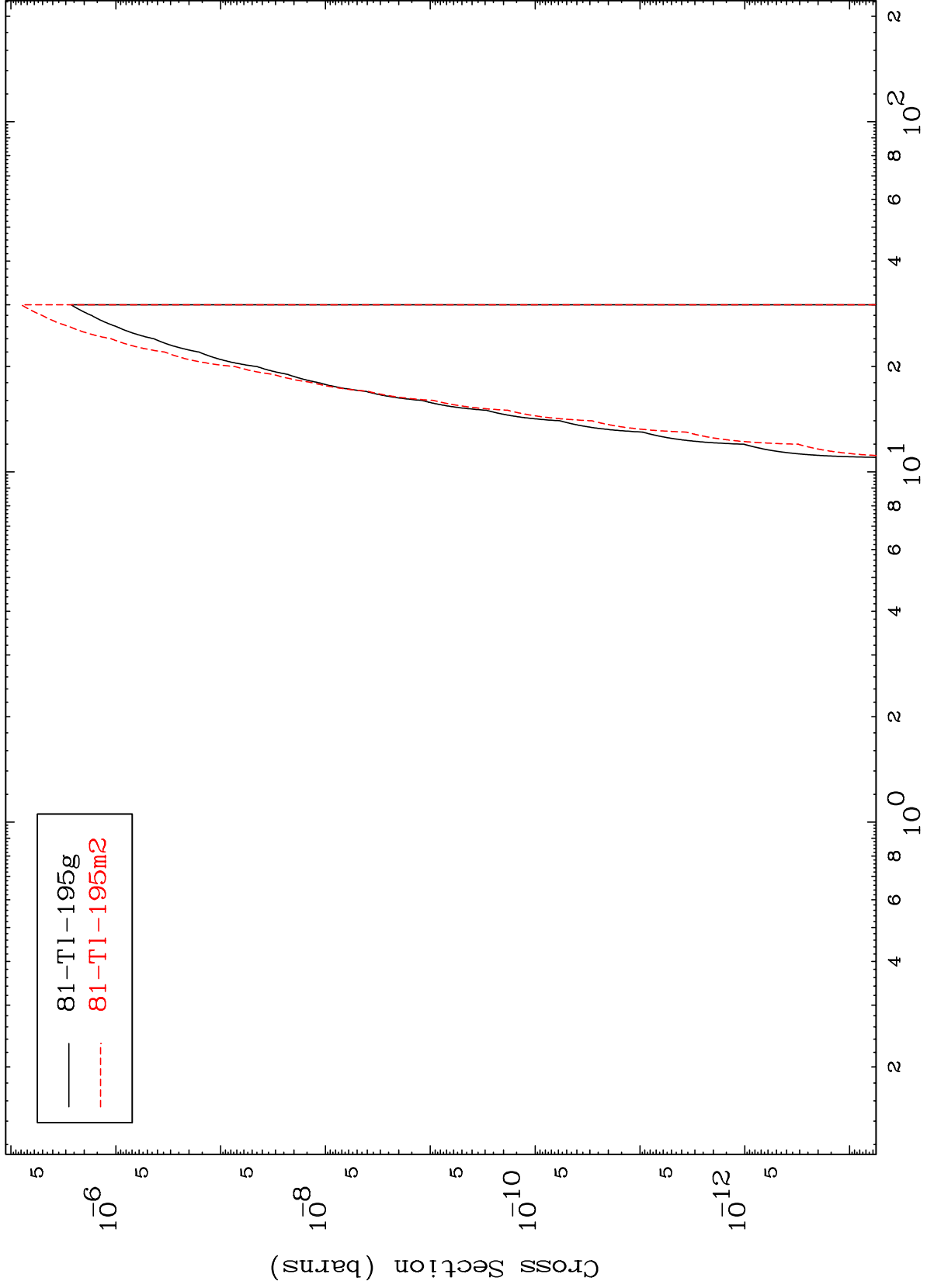
83-Bi-199m

MAT 8296

(n,d) α

$^{83}\text{Bi}-199\text{m}$

Radionuclide Production Cross Section



35

Incident Energy (MeV)

$^{83}\text{Bi}-199\text{m}$