

Program EVALPLOT
(Version 2021-1)

by

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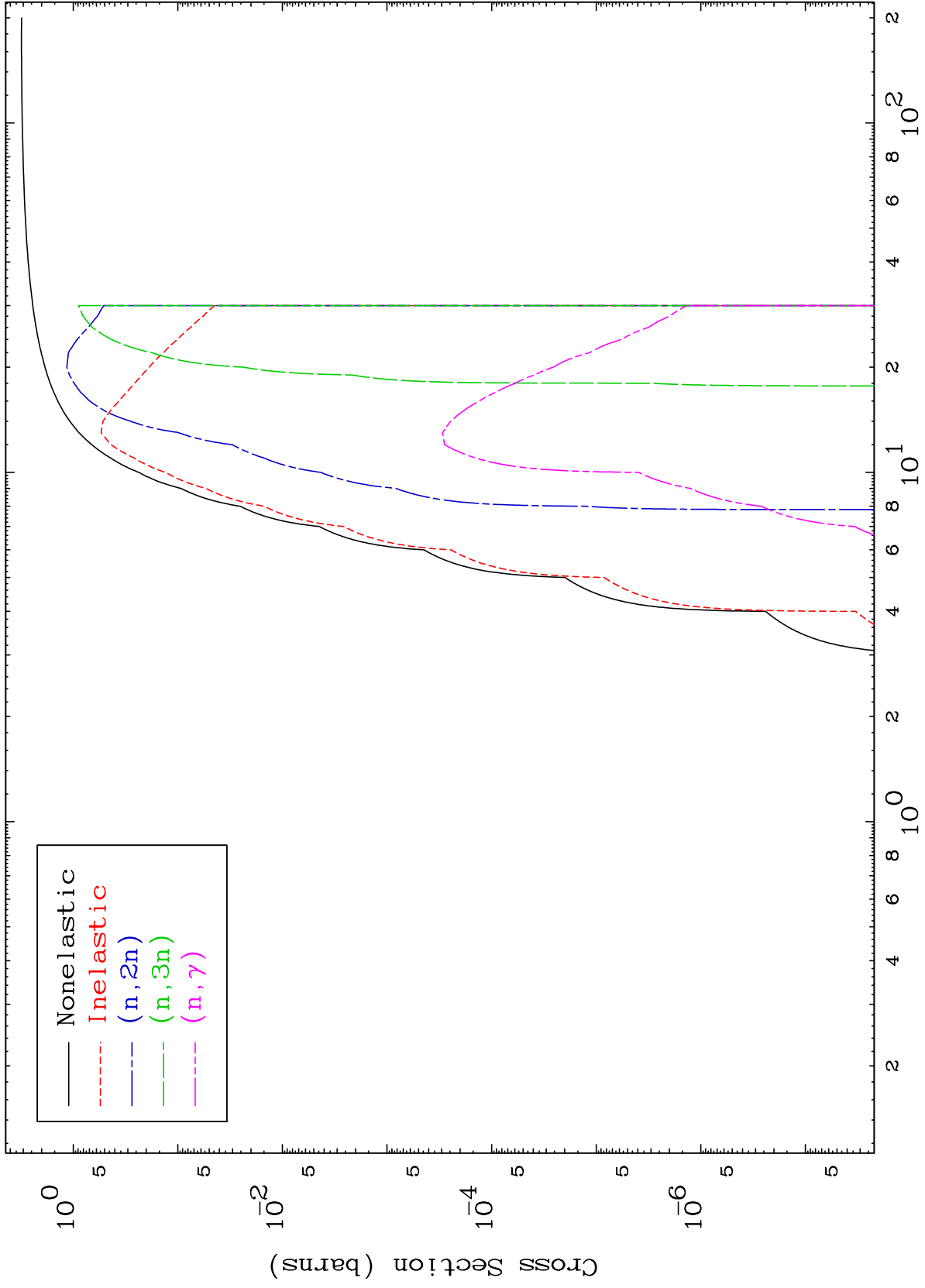
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8205

Deuteron Major
0 Kelvin Cross Sections

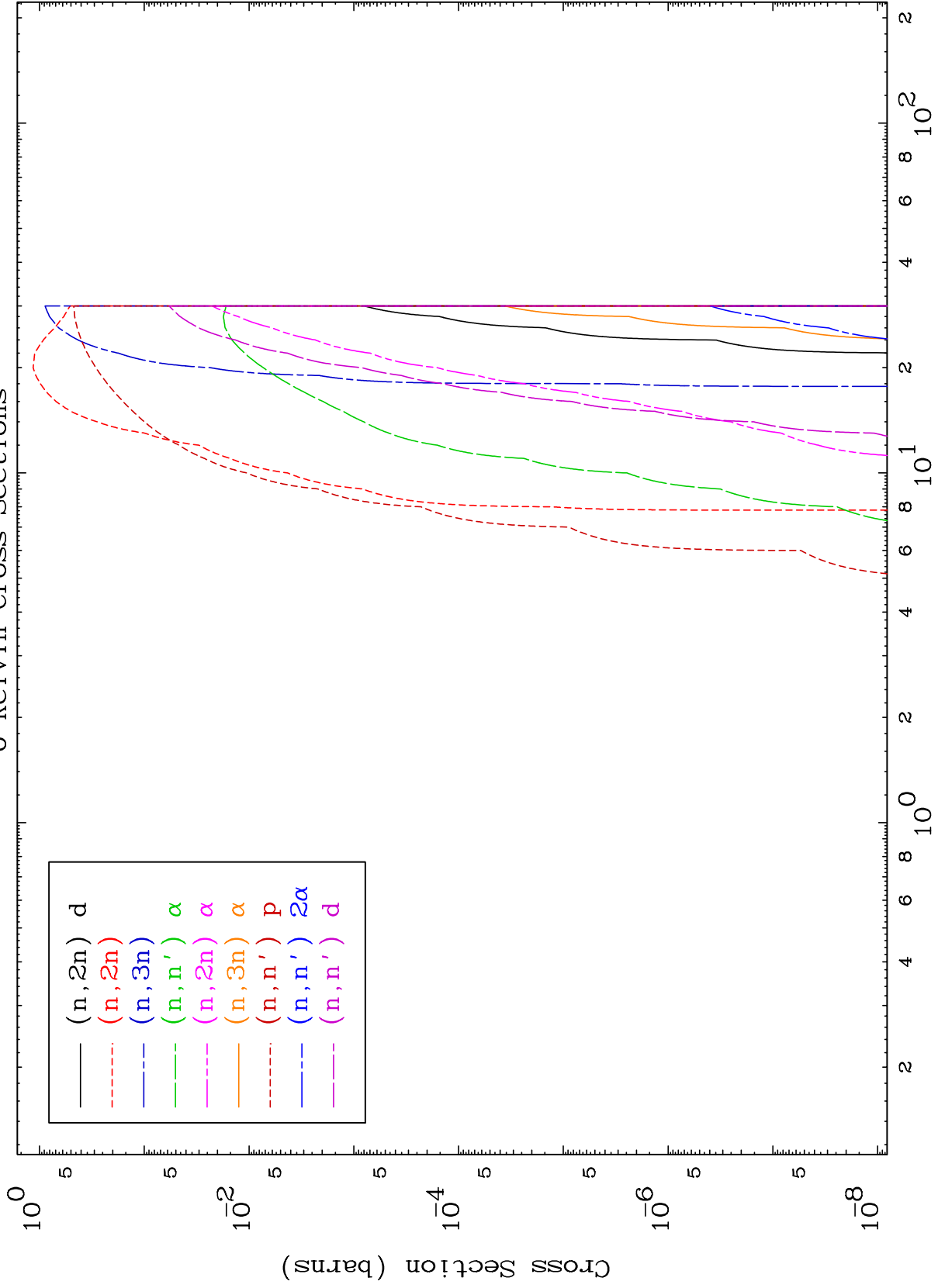
82-Pb-197m

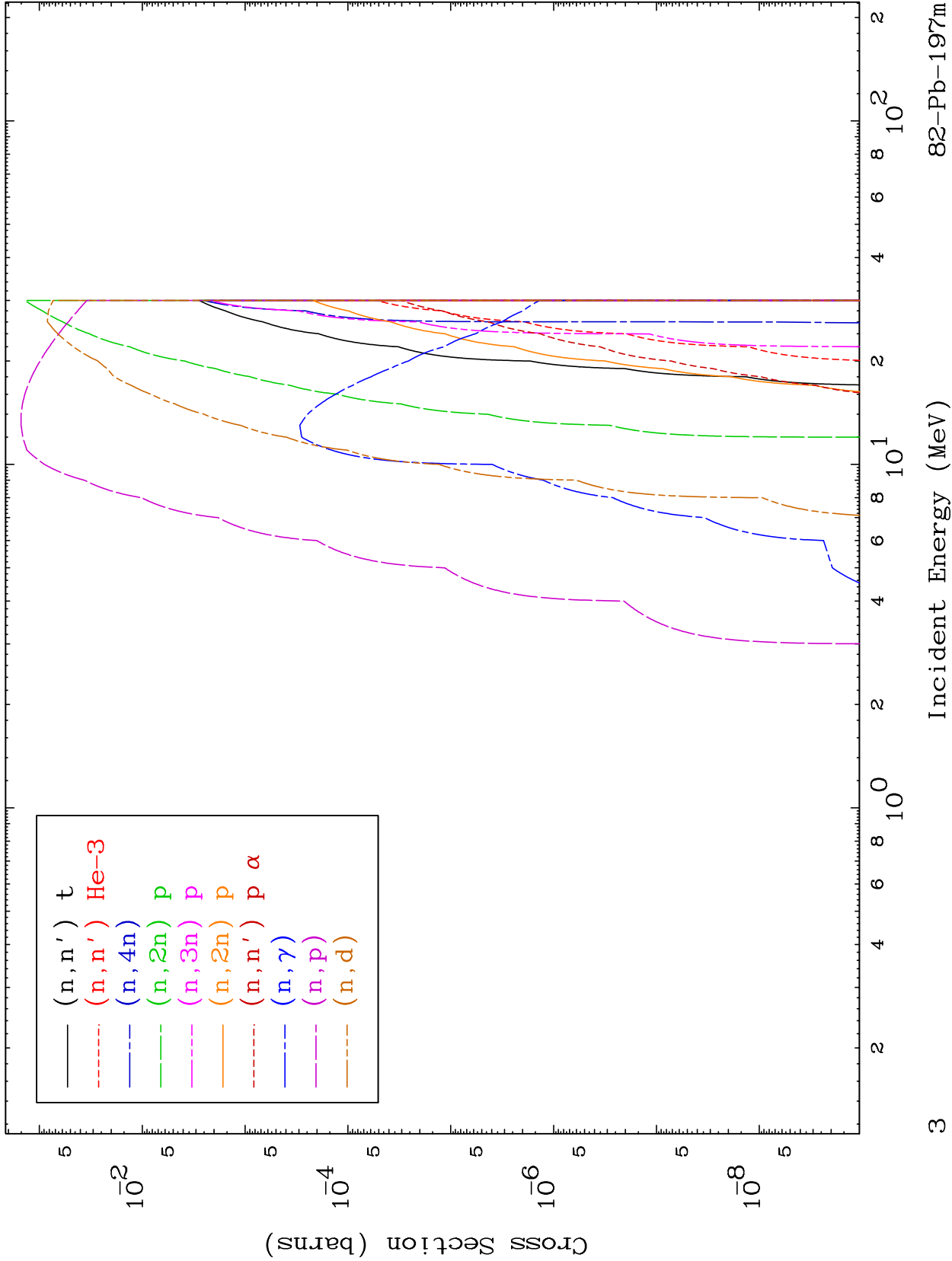


MAT 8205

Deuteron Neutron Absorption
0 Kelvin Cross Sections

82-Pb-197m

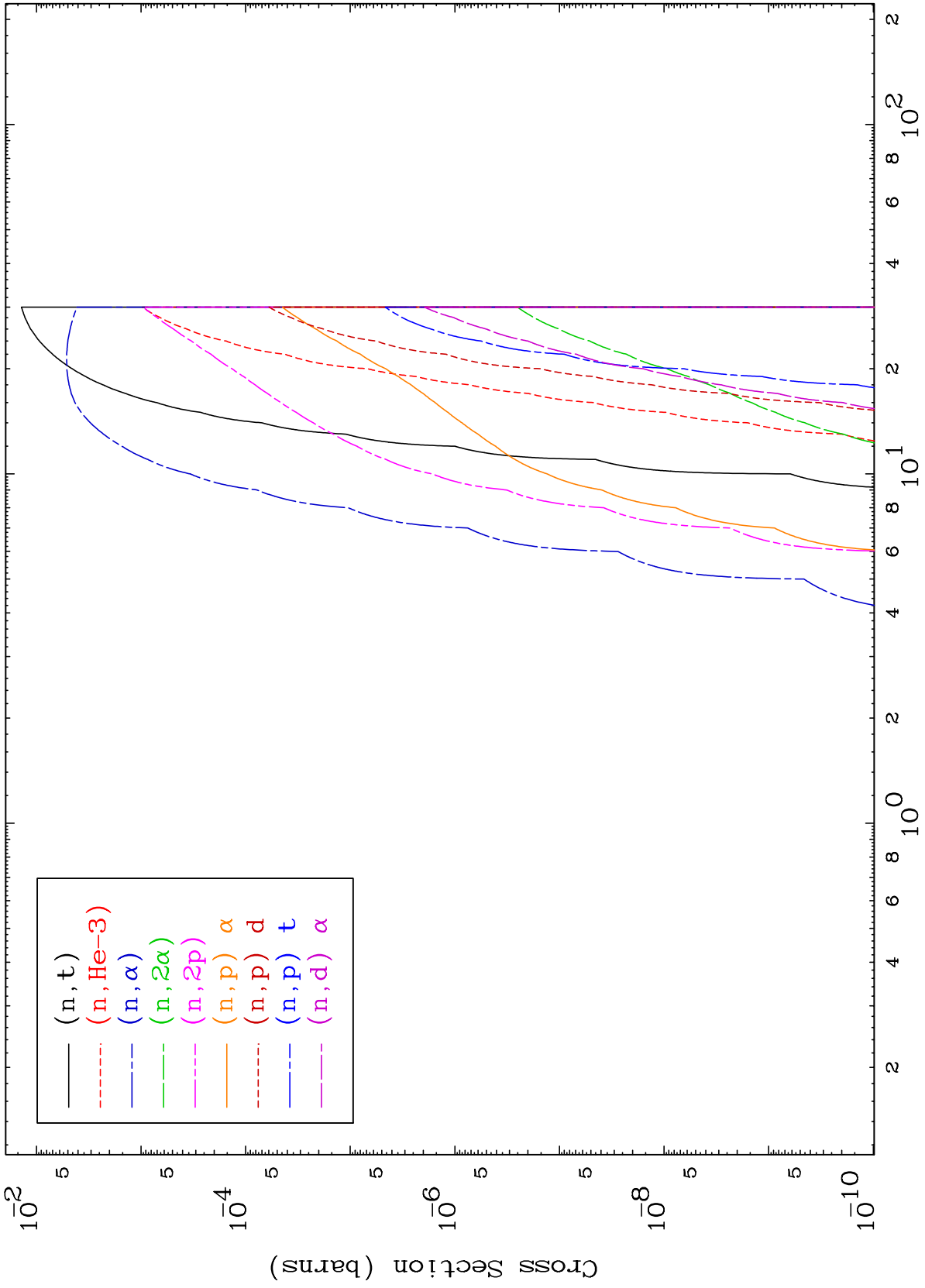




MAT 8205

Deuteron Neutron Absorption
0 Kelvin Cross Sections

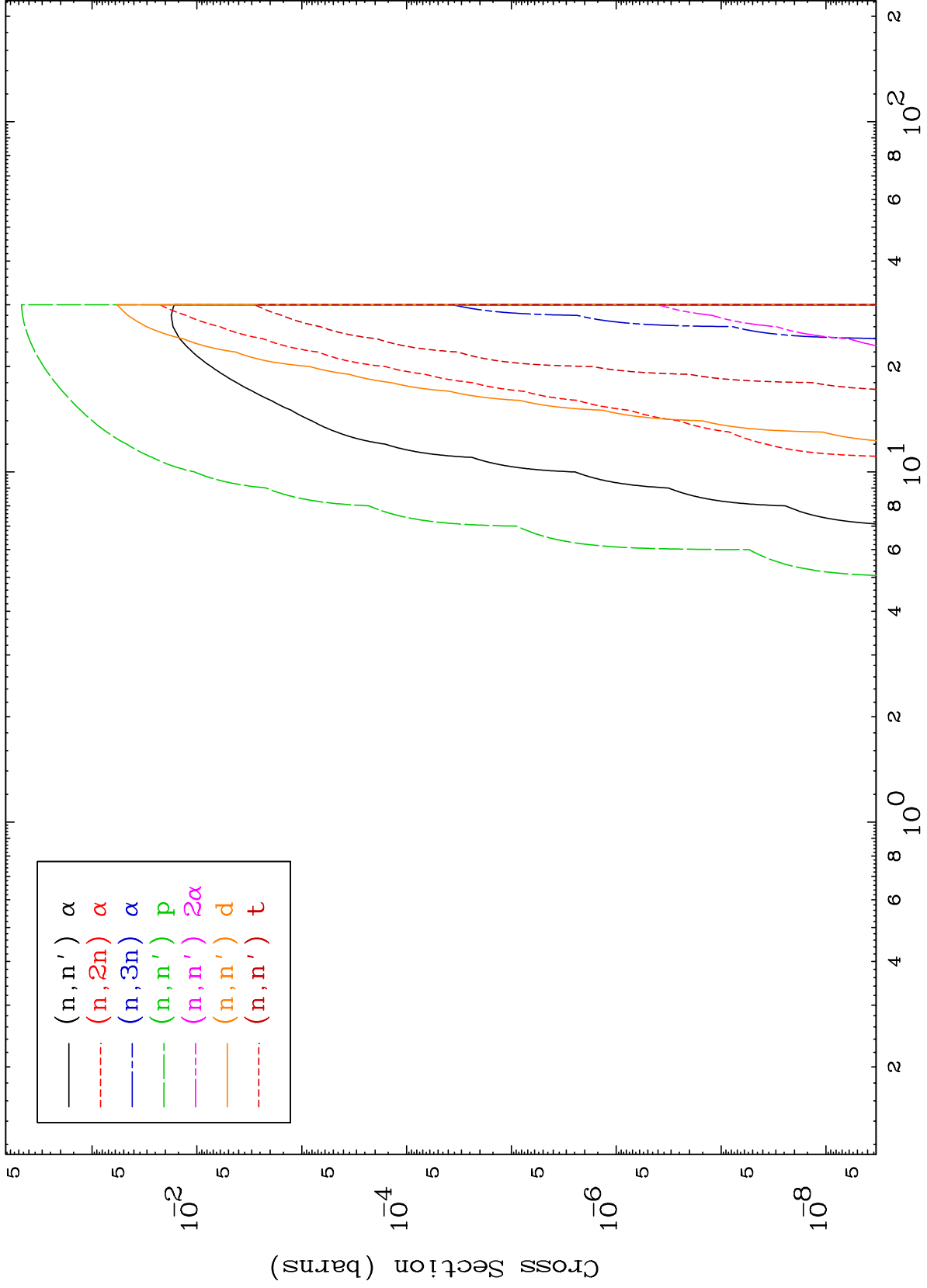
82-Pb-197m



MAT 8205

Deuteron Charged Particle
0 Kelvin Cross Sections

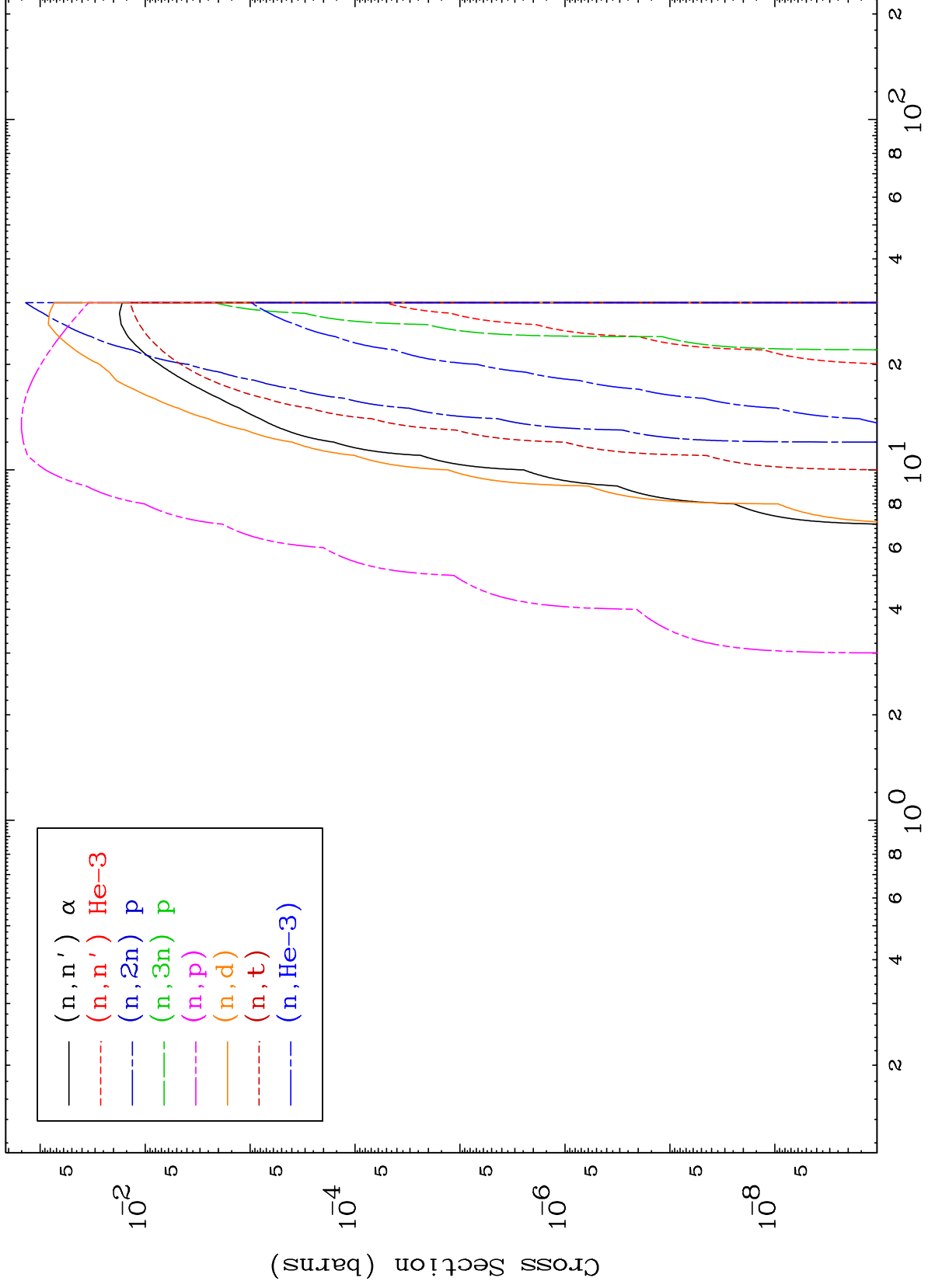
82-Pb-197m



MAT 8205

Deuteron Charged Particle
0 Kelvin Cross Sections

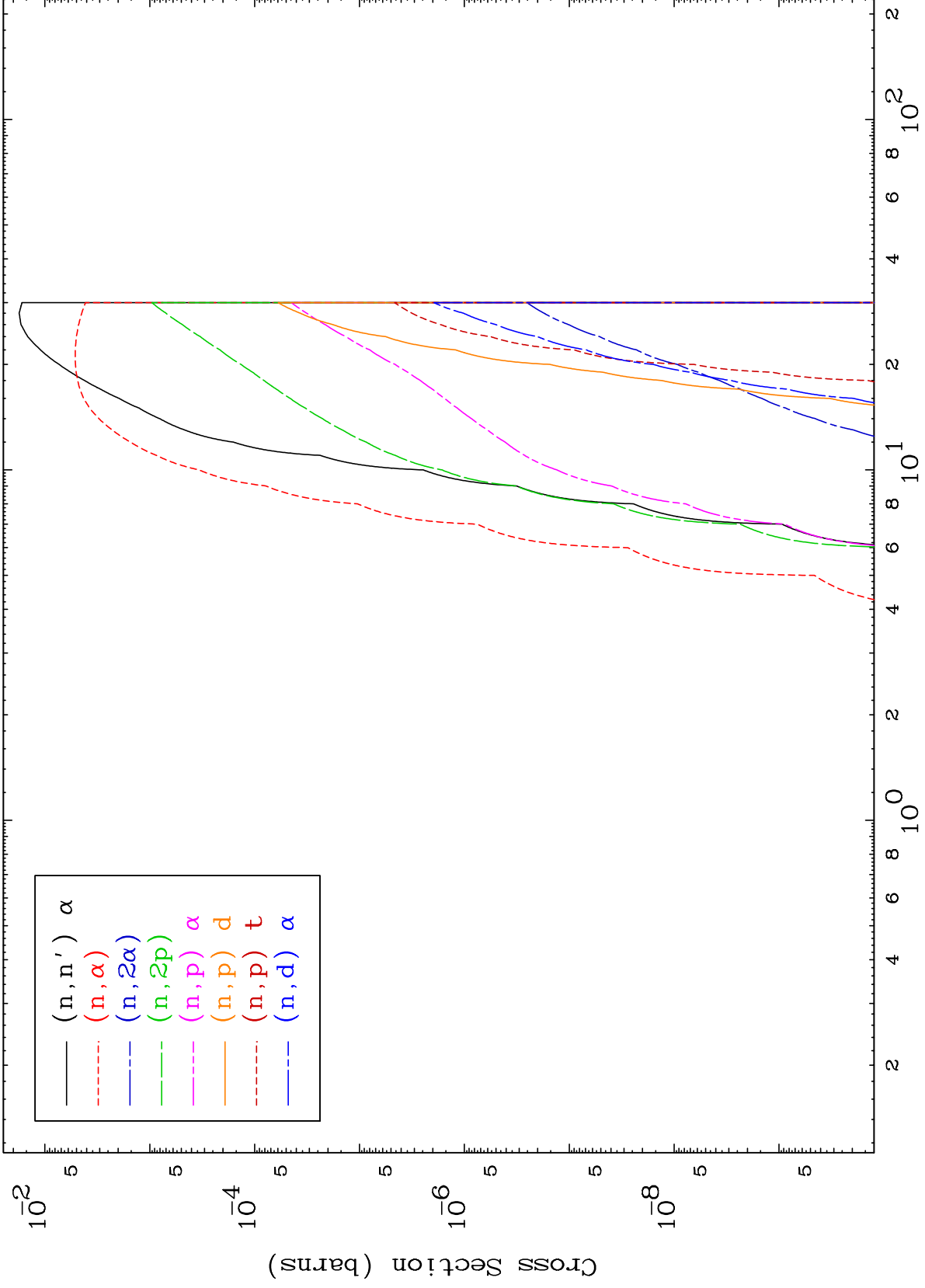
82-Pb-197m



MAT 8205

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-197m

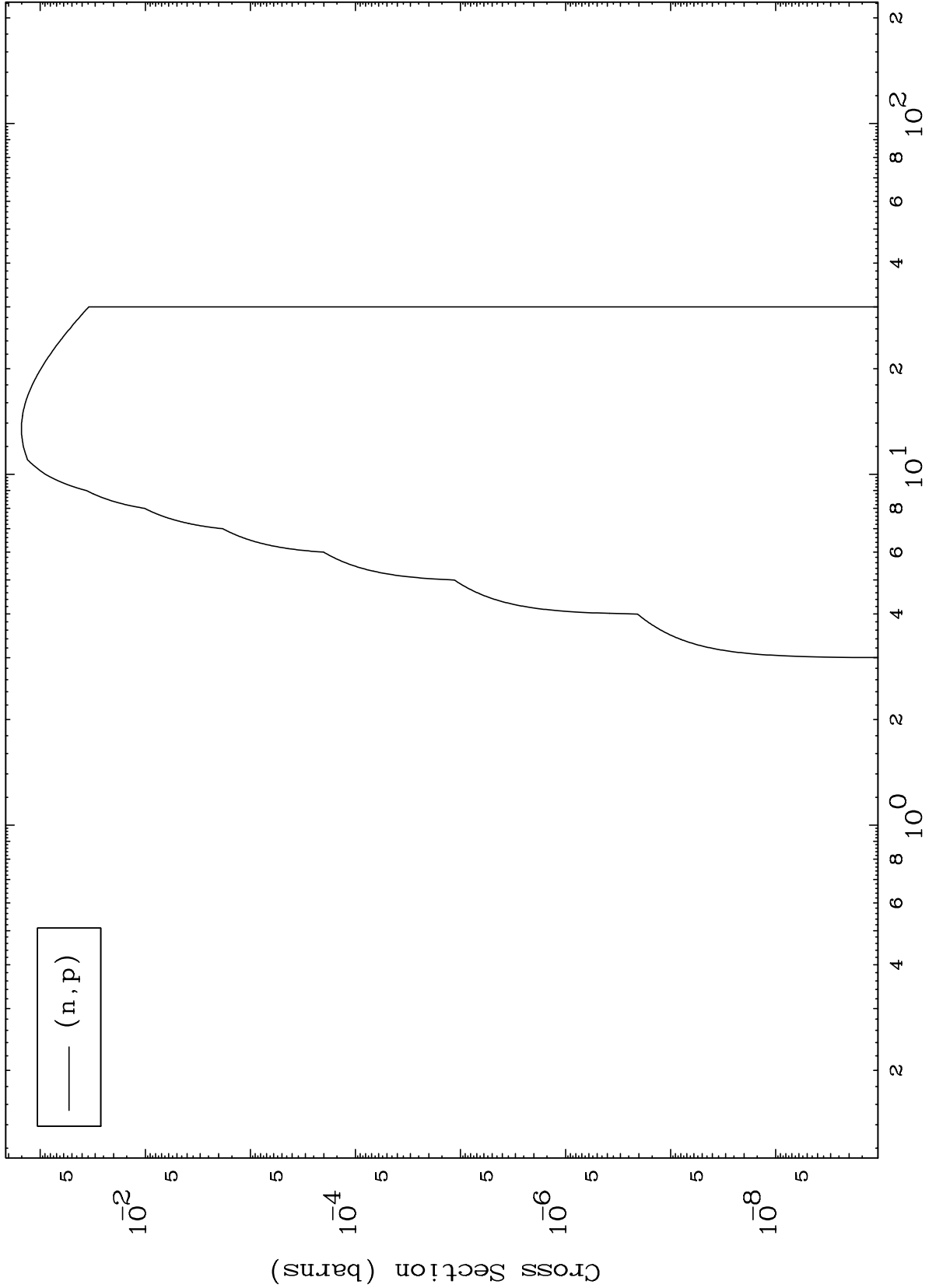


MAT 8205

(d,p) Levels

82-Pb-197m

0 Kelvin Cross Sections

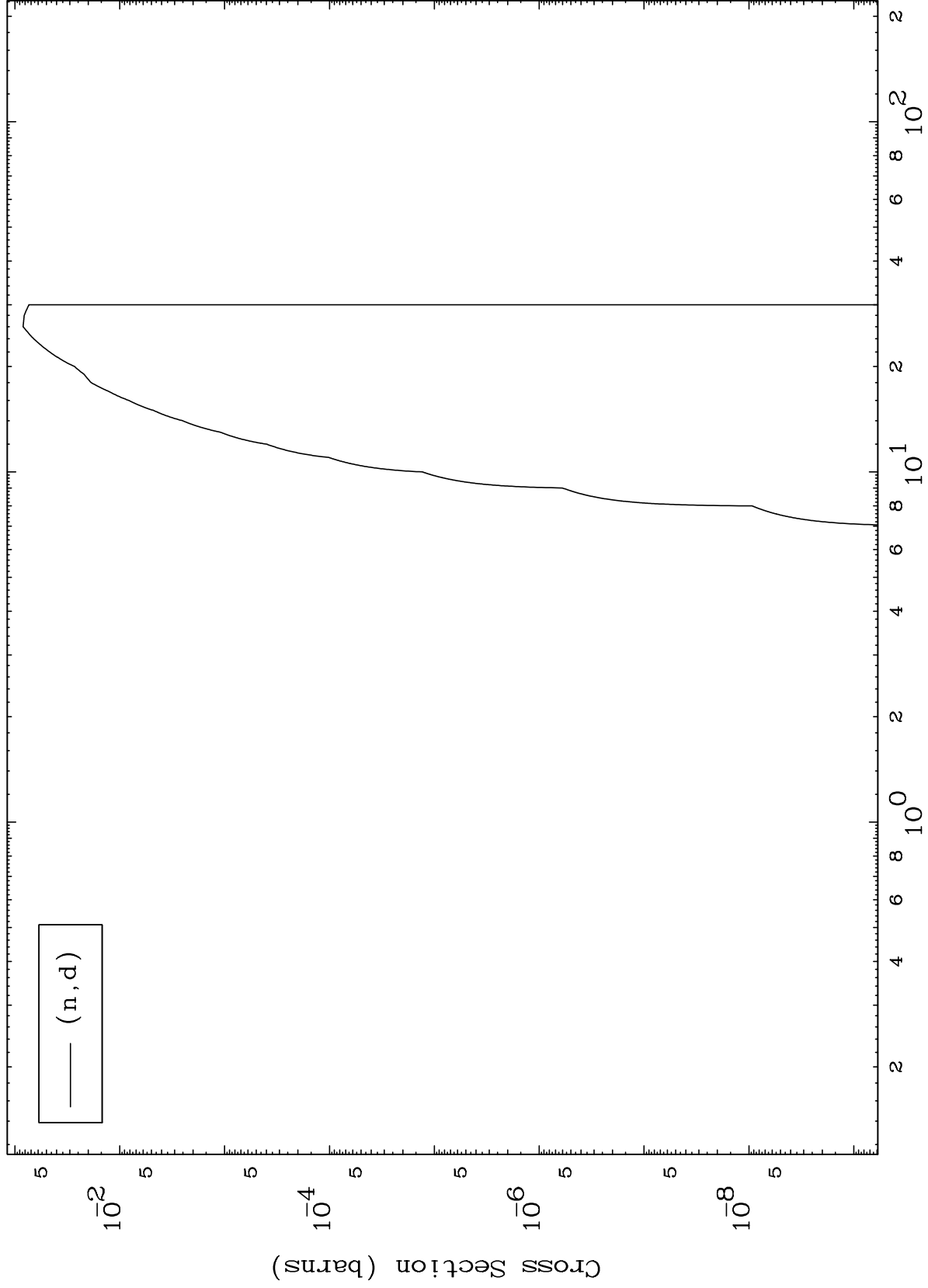


MAT 8205

(d,d) Levels

82-Pb-197m

0 Kelvin Cross Sections

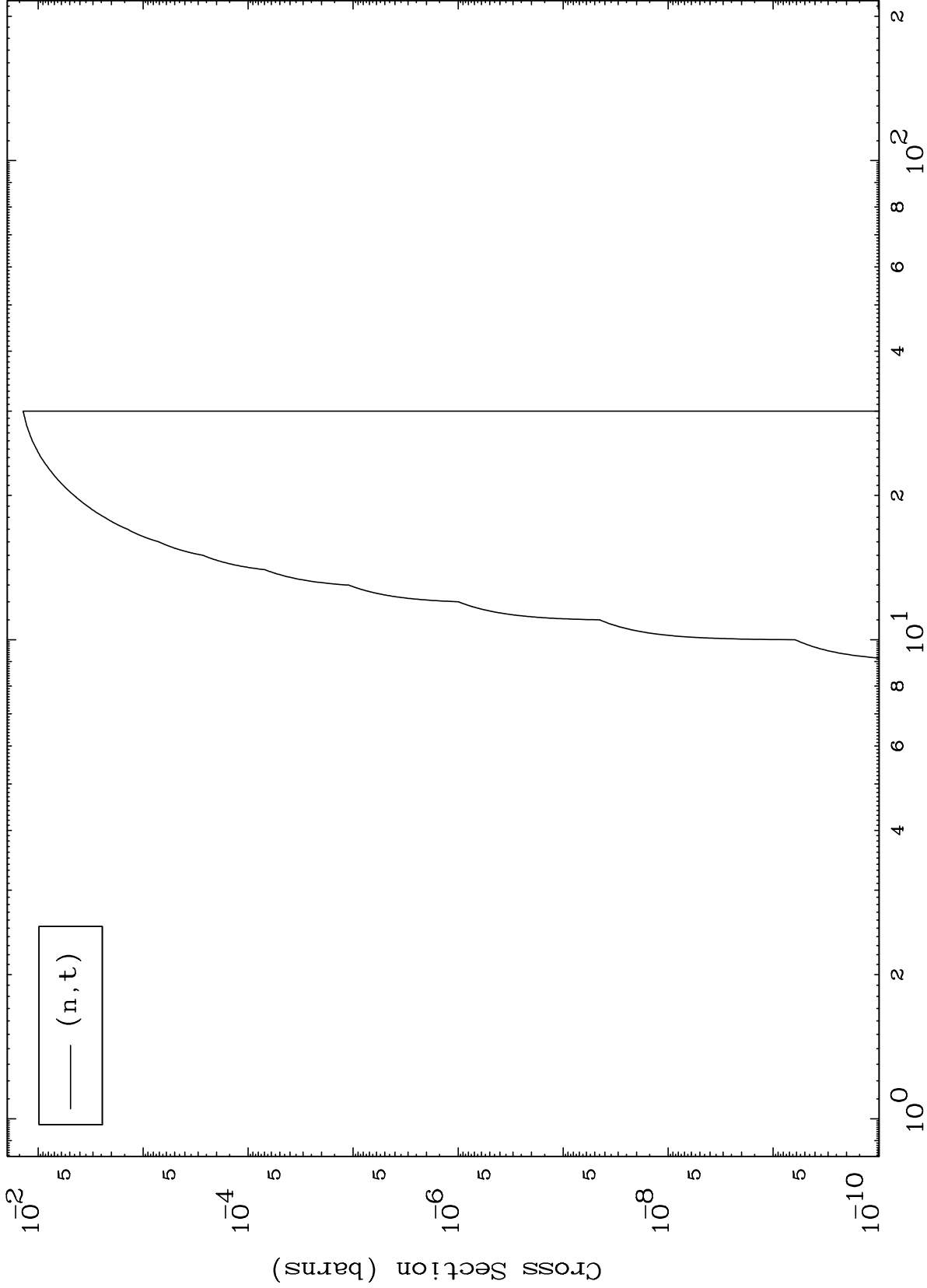


MAT 8205

(d, t) Levels

82-Pb-197m

0 Kelvin Cross Sections



(n, t)

Incident Energy (MeV)

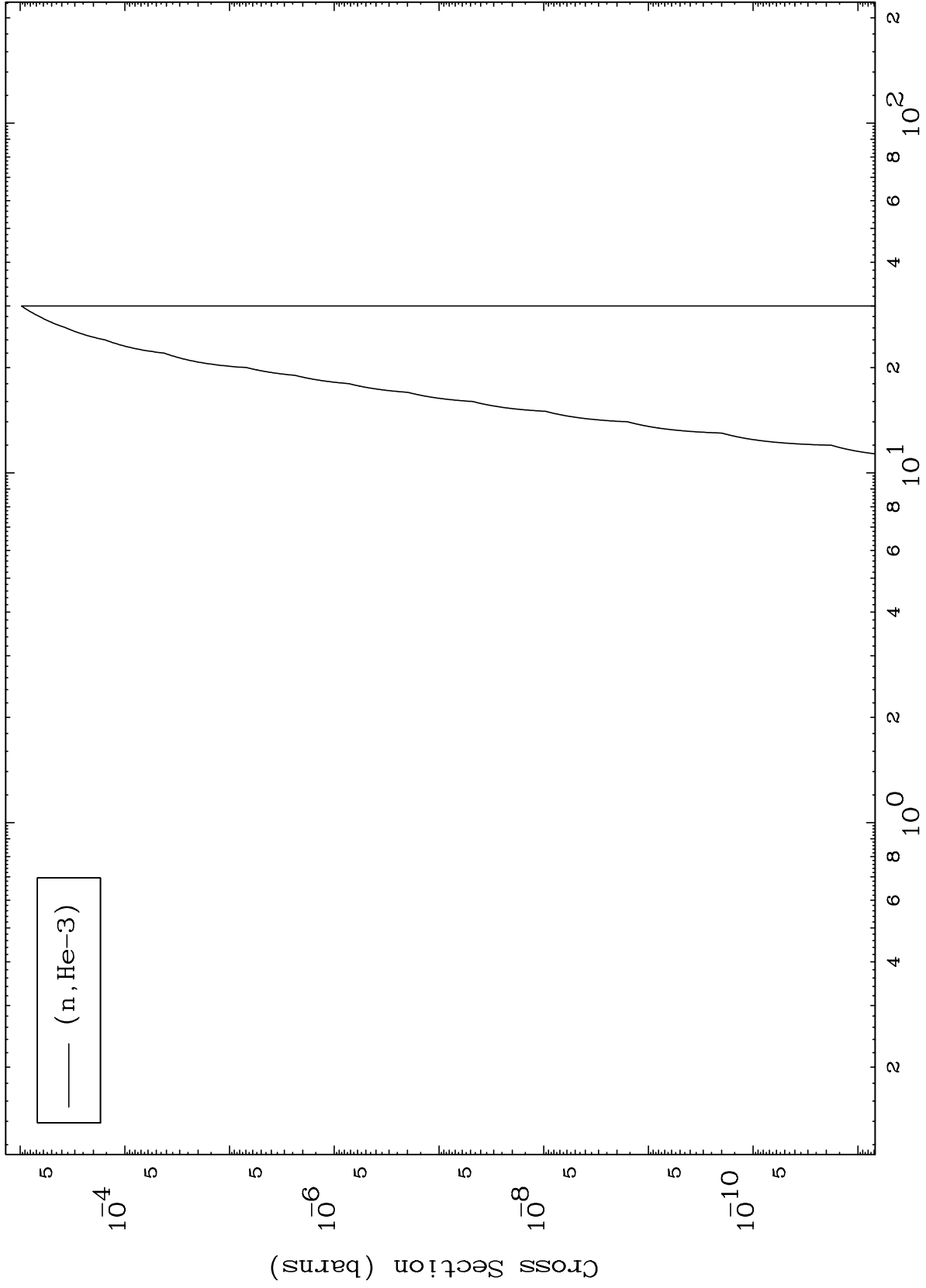
82-Pb-197m

MAT 8205

(d,He3) Levels

82-Pb-197m

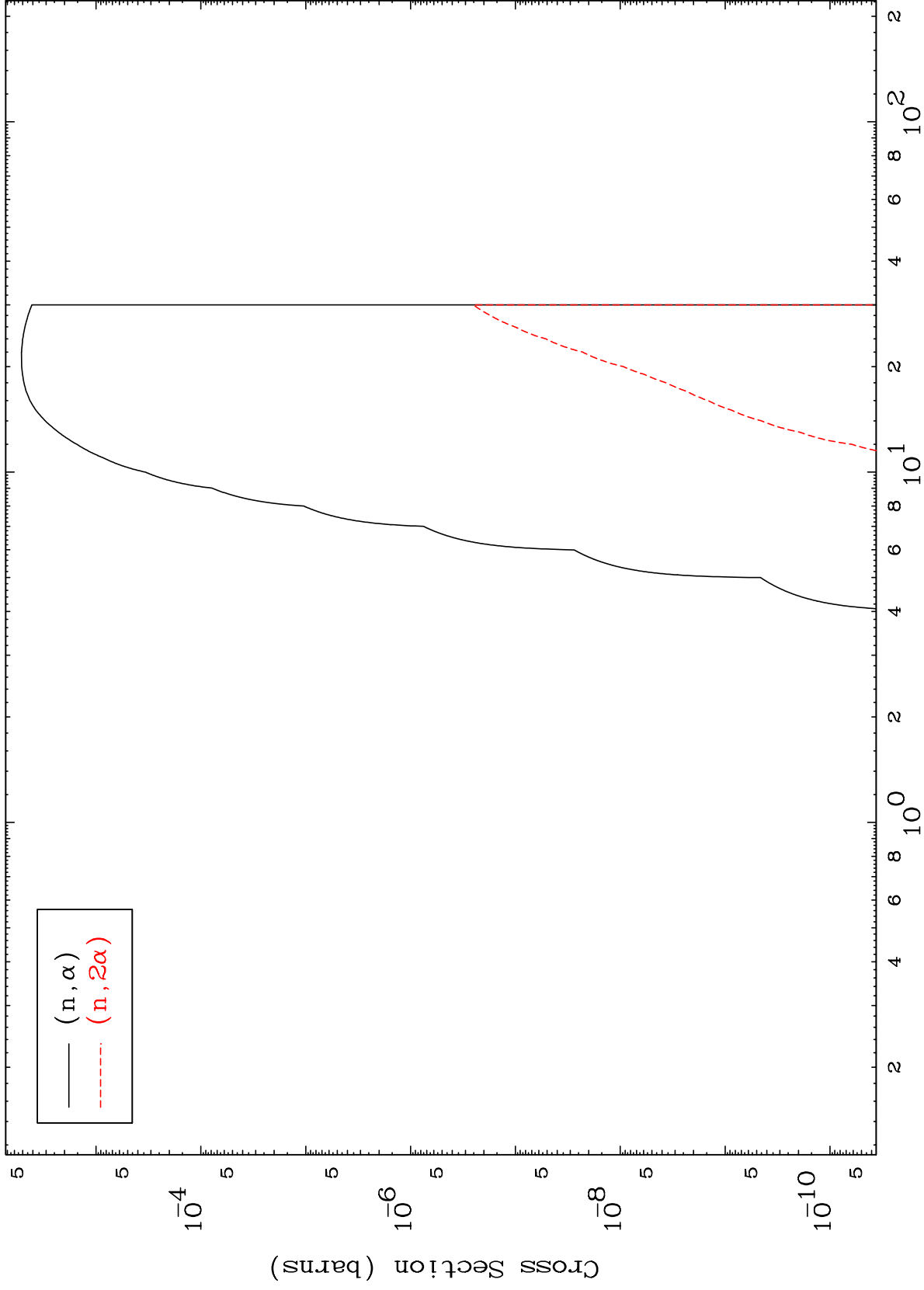
0 Kelvin Cross Sections



MAT 8205

(d, α) Levels
0 Kelvin Cross Sections

82-Pb-197m



12

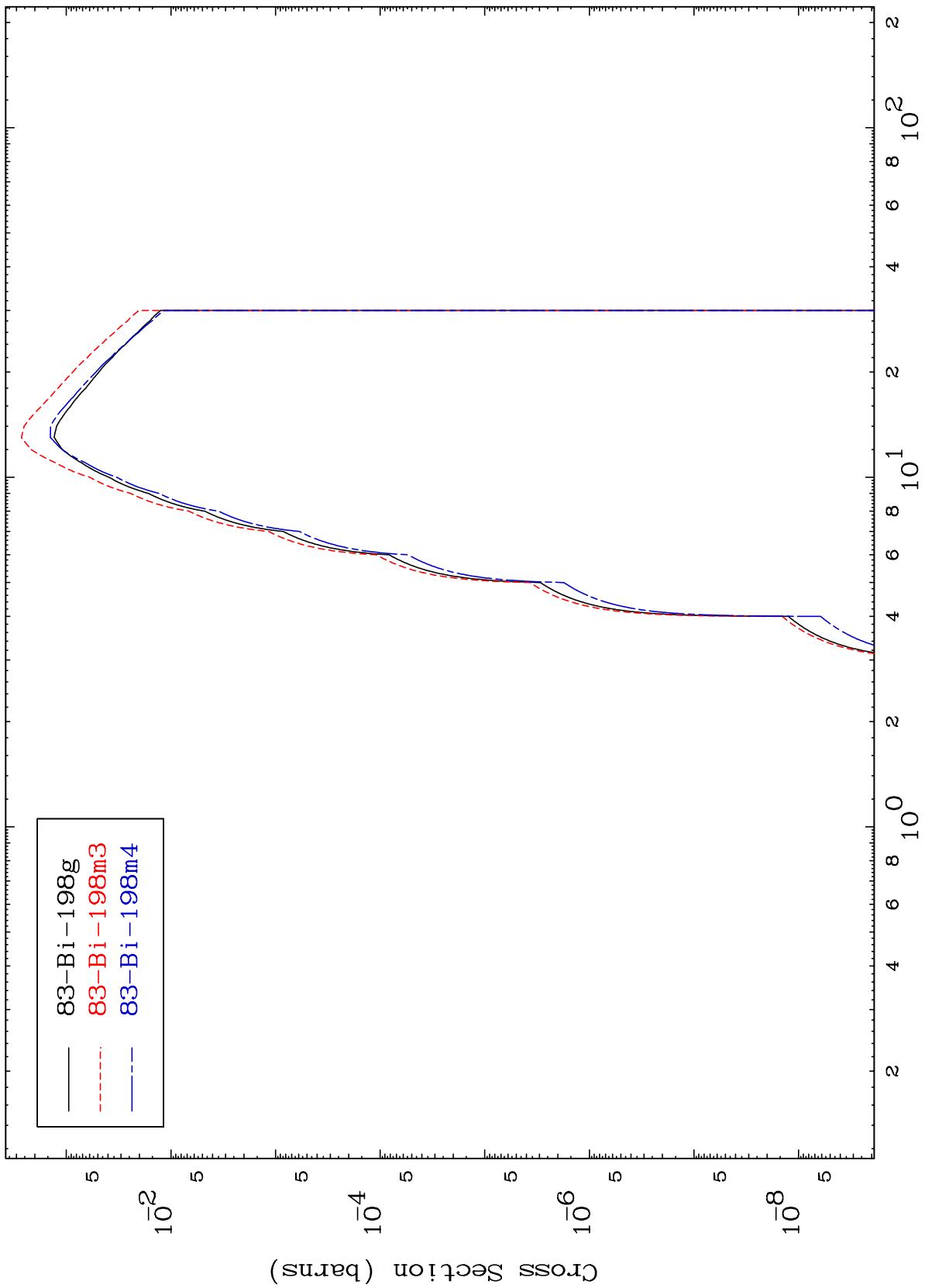
Incident Energy (MeV)

82-Pb-197m

MAT 8205

82-Pb-197m

Inelastic
Radionuclide Production Cross Section



82-Pb-197m

Incident Energy (MeV)

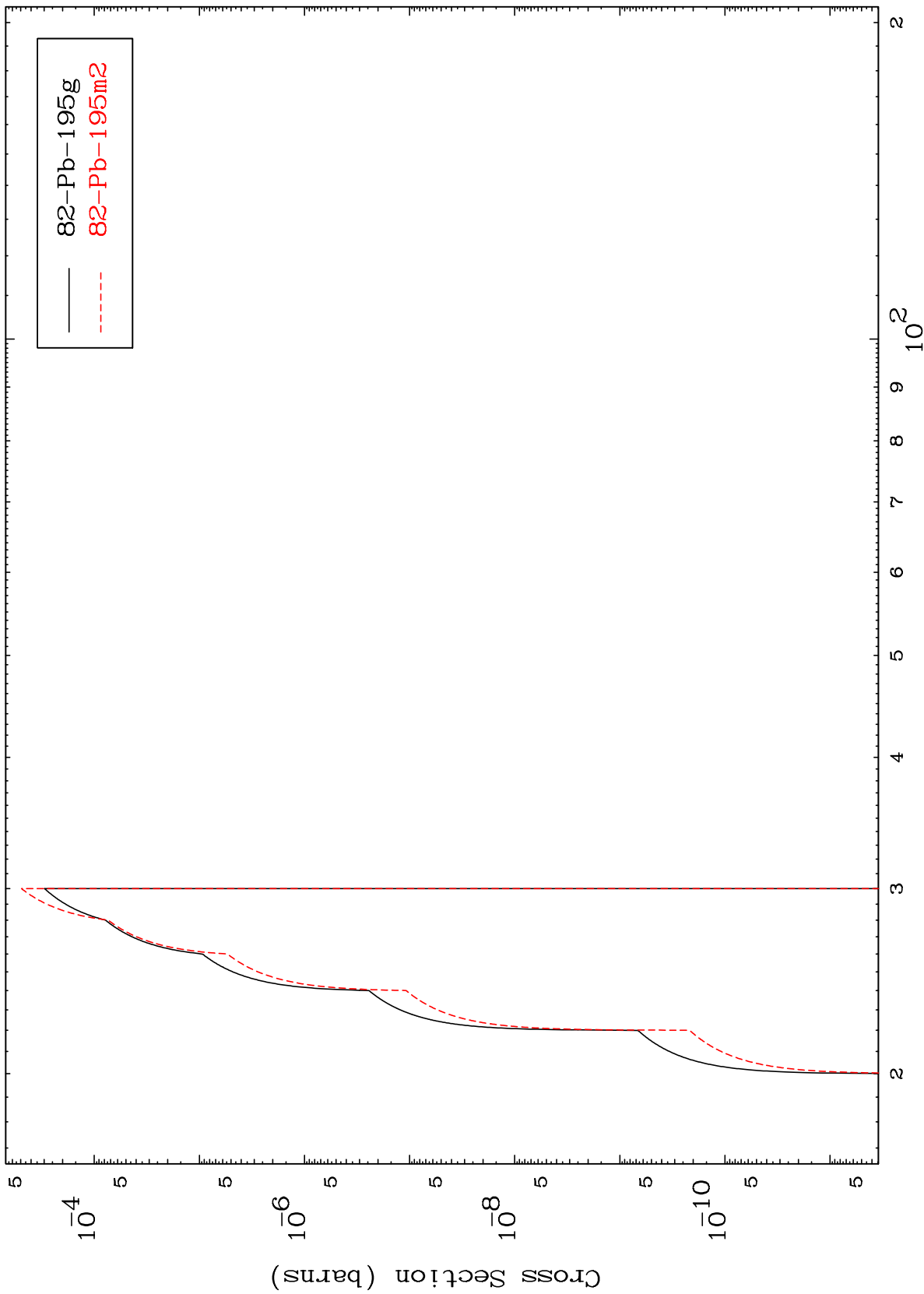
13

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(n,2n) d

82-Pb-197m

Radionuclide Production Cross Section



14

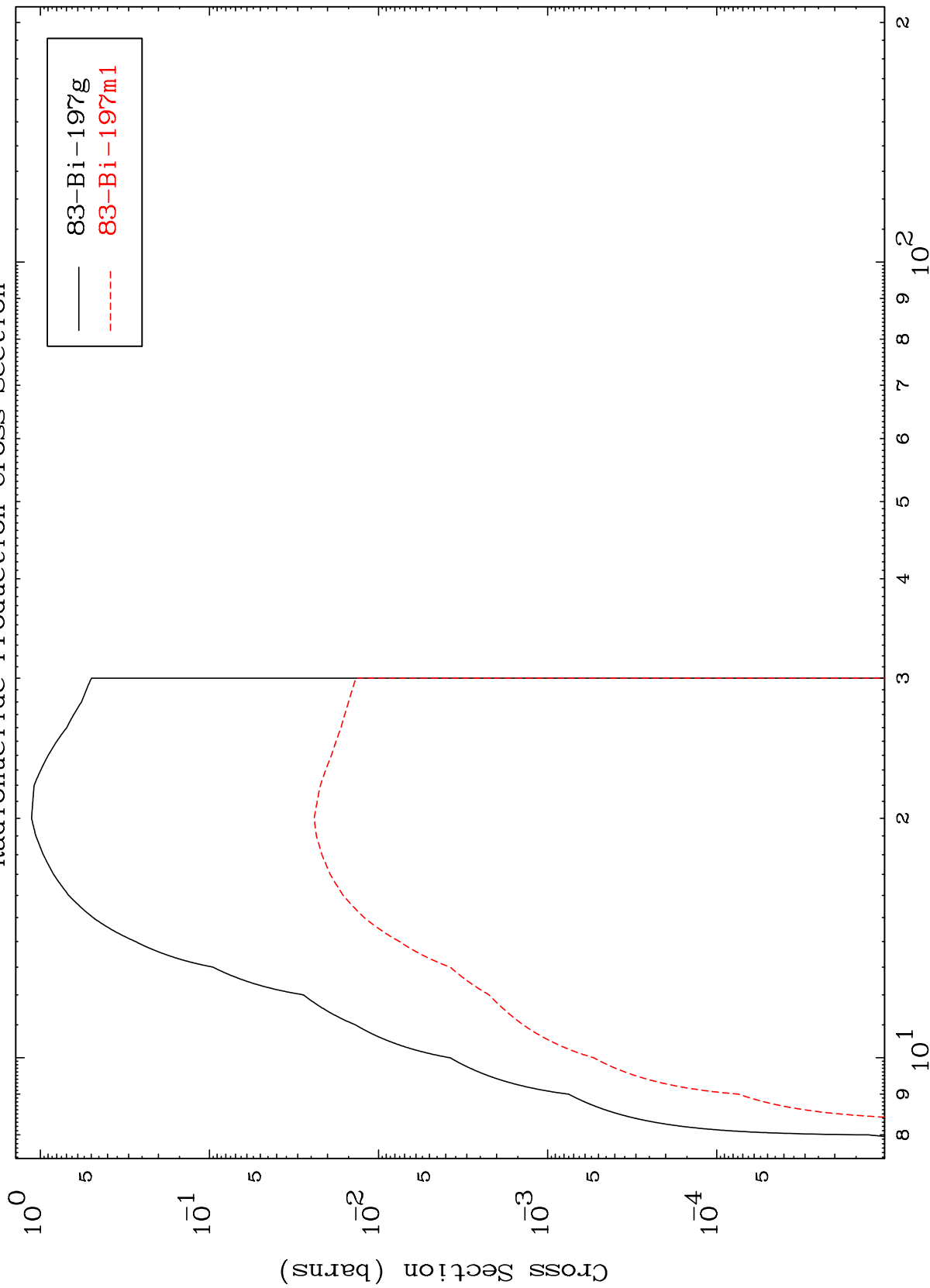
Incident Energy (MeV)

82-Pb-197m

MAT 8205

82-Pb-197m

Radionuclide Production Cross Section
(n,2n)



Incident Energy (MeV)

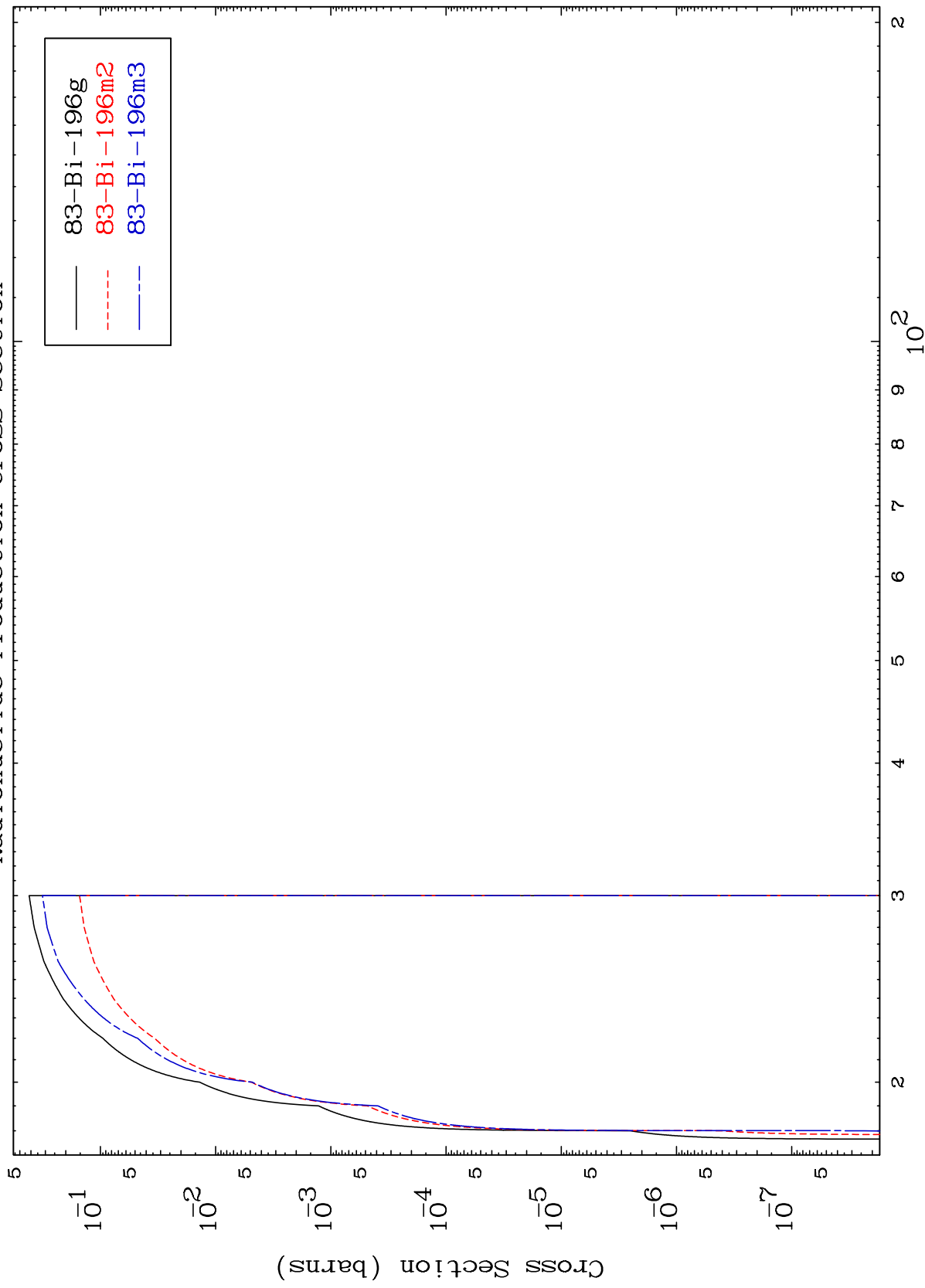
82-Pb-197m

15

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82-Pb-197m

(n,3n)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

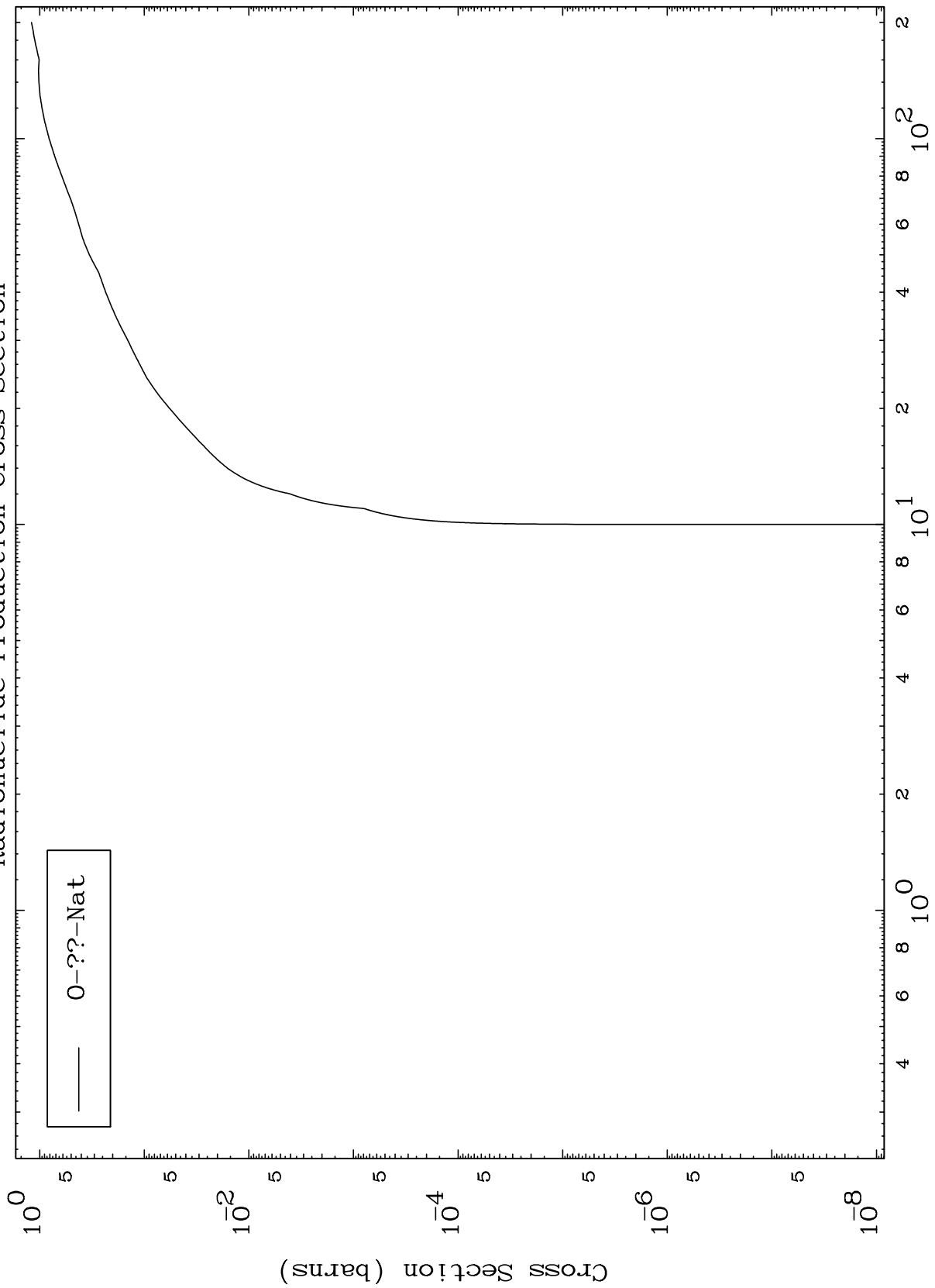
82-Pb-197m

MAT 8205

Fission

82-Pb-197m

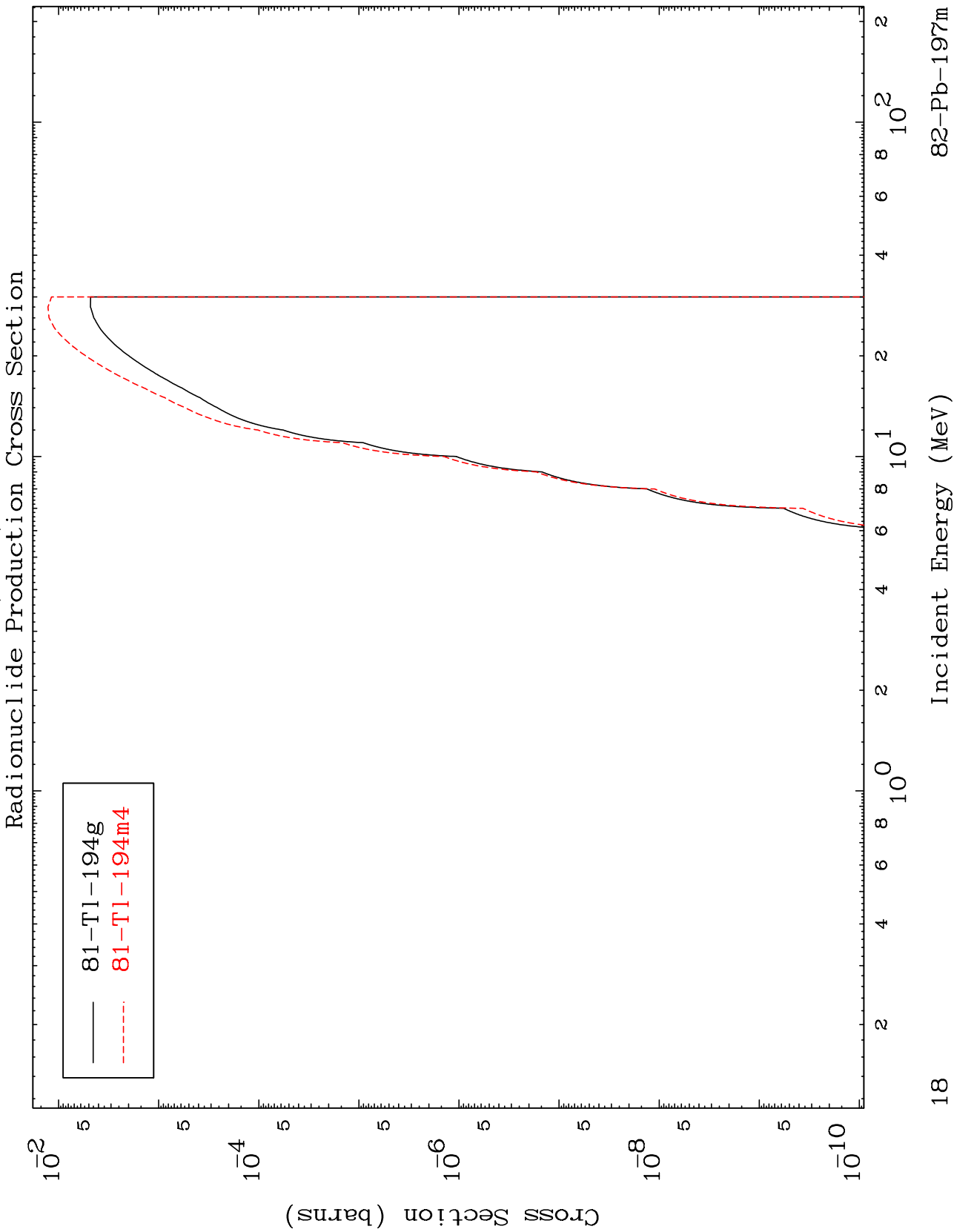
Radionuclide Production Cross Section



MAT 8205

$(n, n') \alpha$

82-Pb-197m

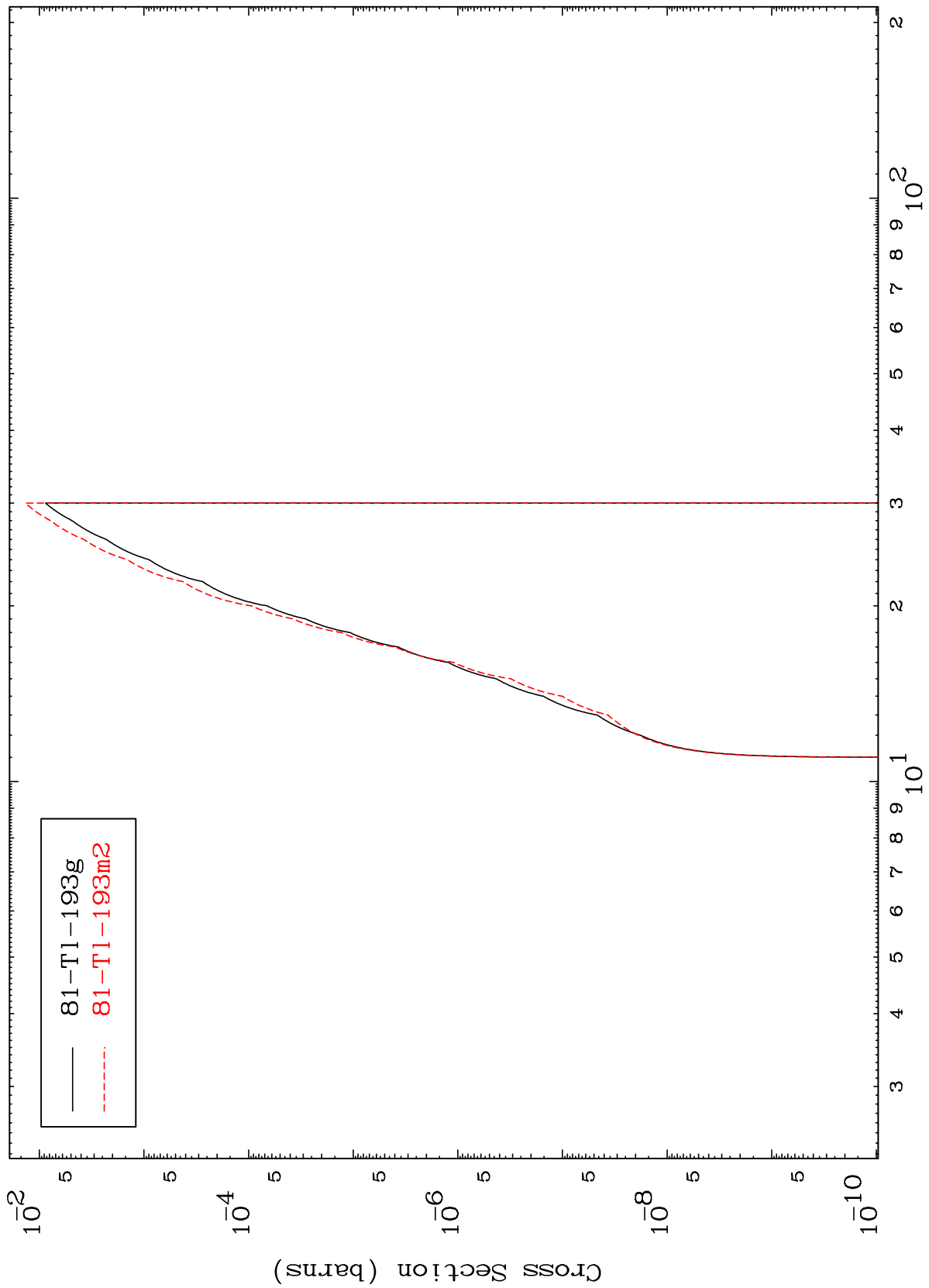


MAT 8205

(n,2n) α

82-Pb-197m

Radionuclide Production Cross Section



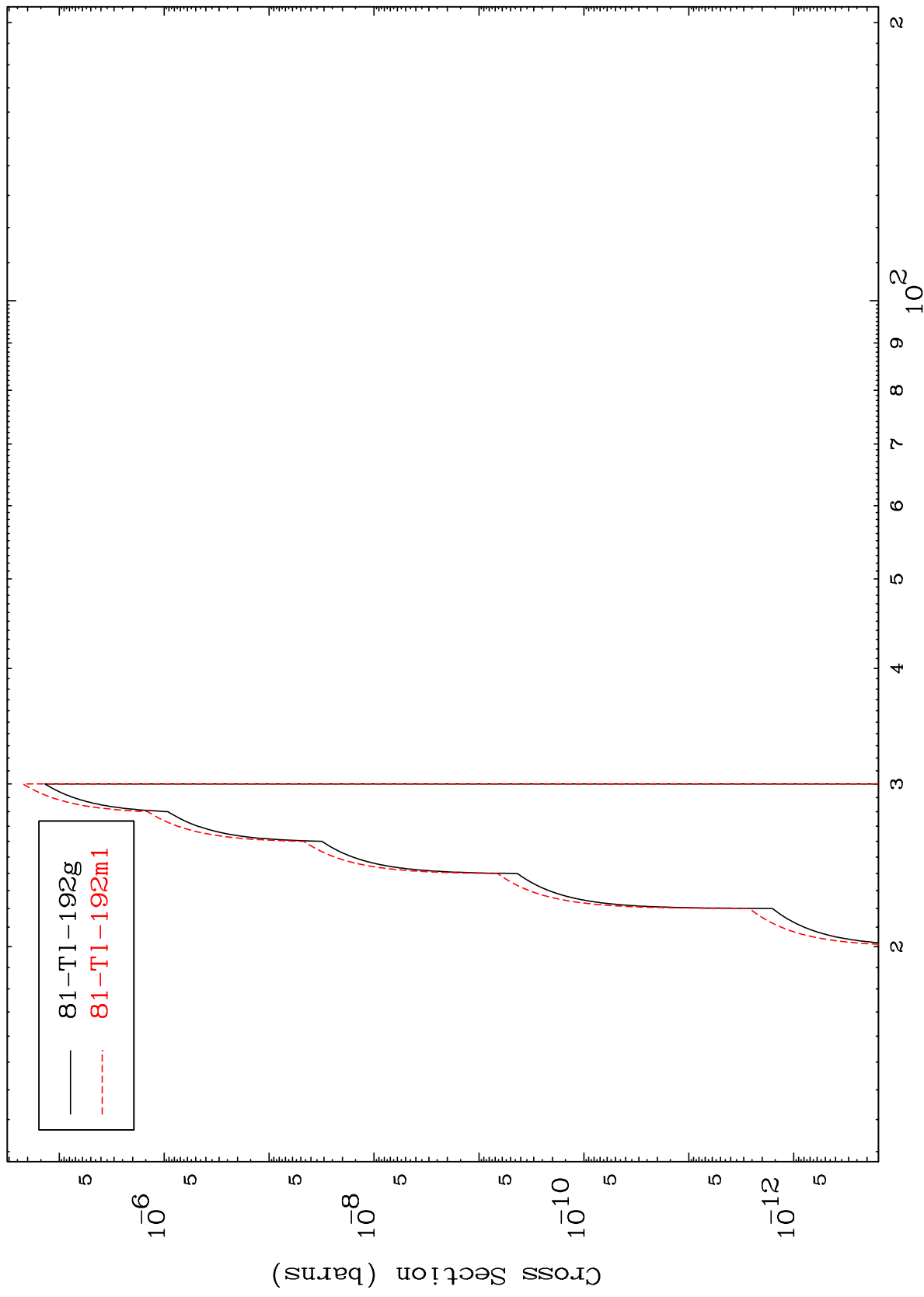
81-Tl-193g
81-Tl-193m2

MAT 8205

(n,3n) α

82-Pb-197m

Radionuclide Production Cross Section

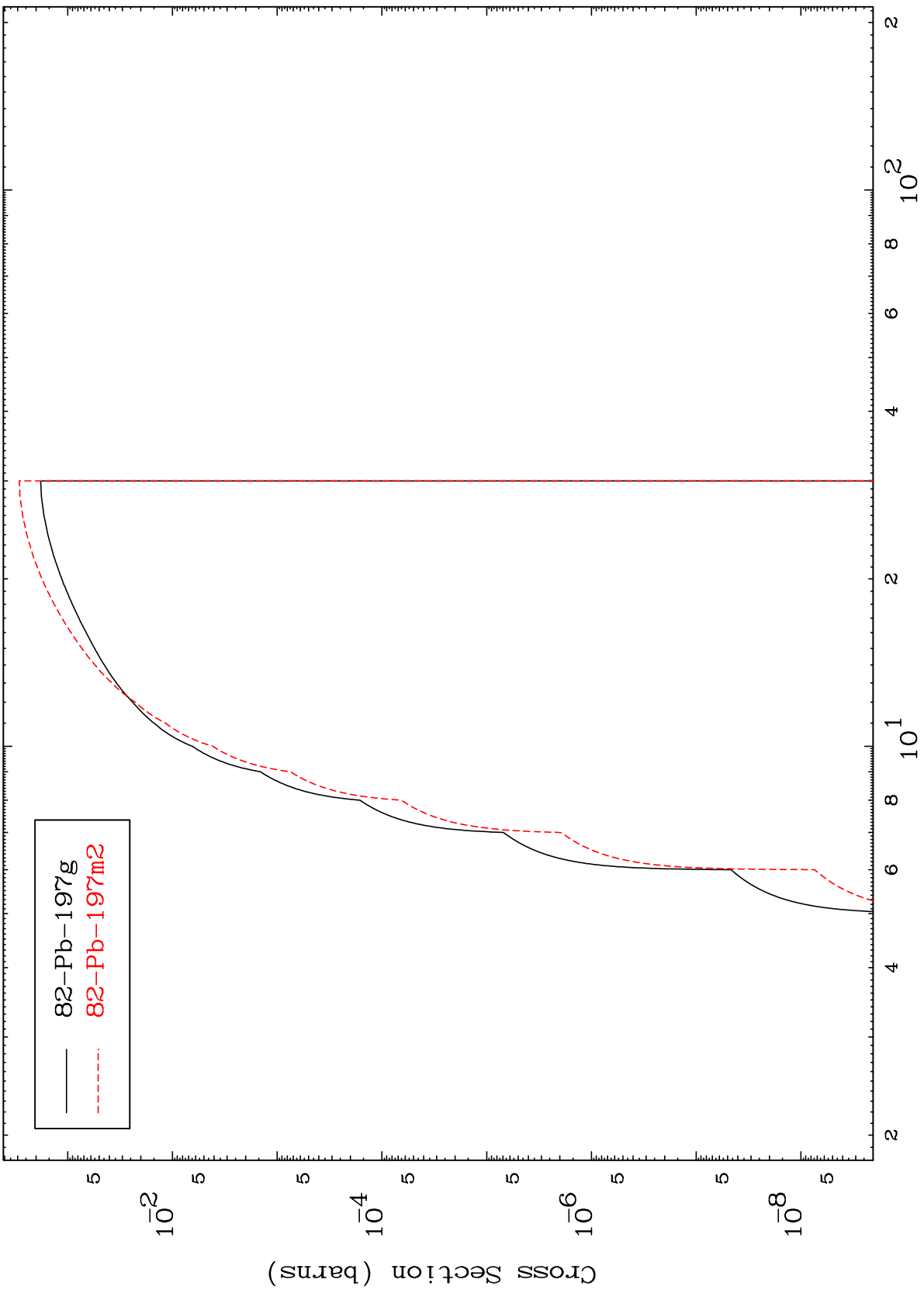


MAT 8205

(n,n') p

82-Pb-197m

Radionuclide Production Cross Section



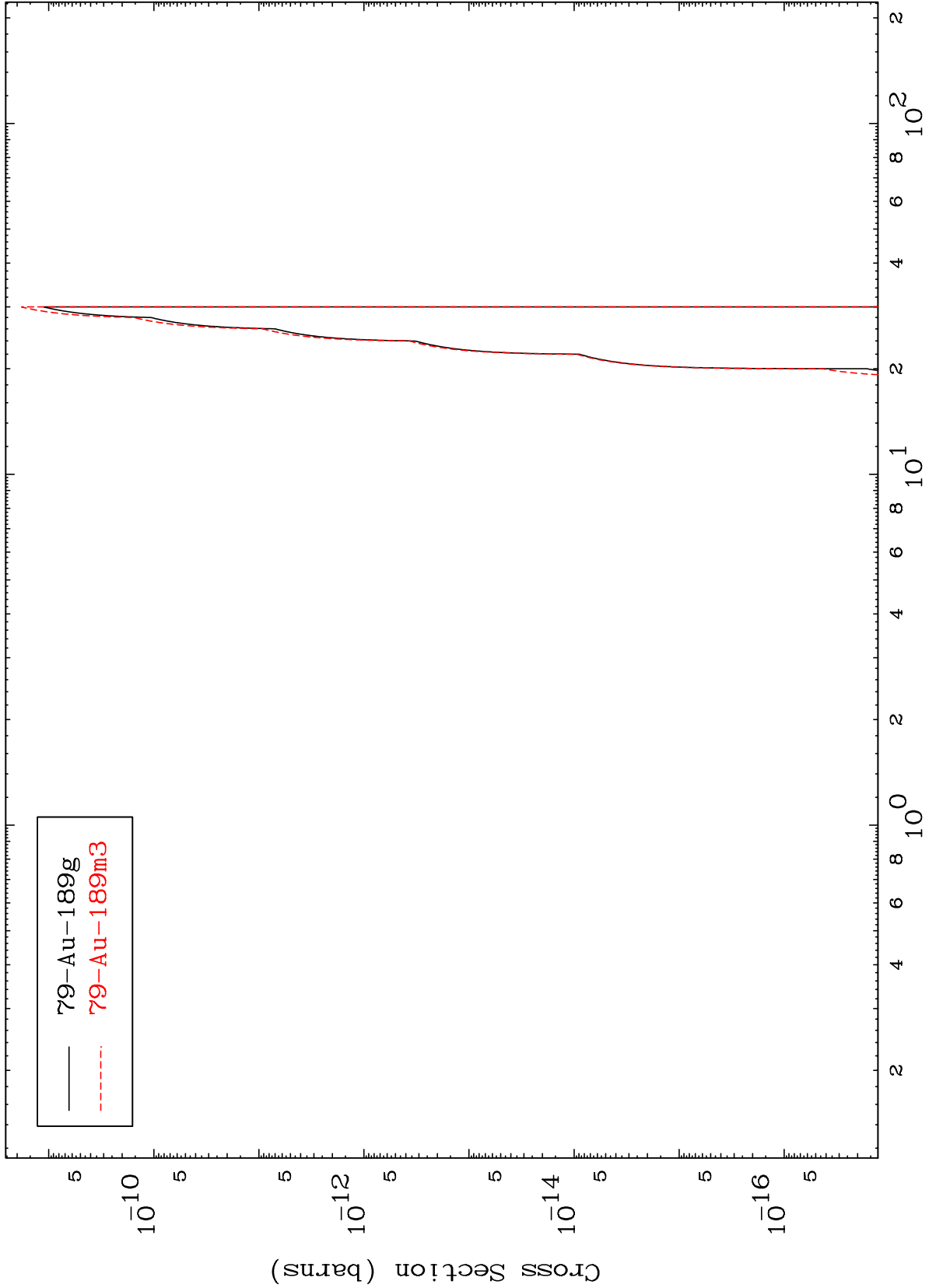
82-Pb-197g
82-Pb-197m2

MAT 8205

(n,2n) 2α

$^{82}\text{Pb-197m}$

Radionuclide Production Cross Section



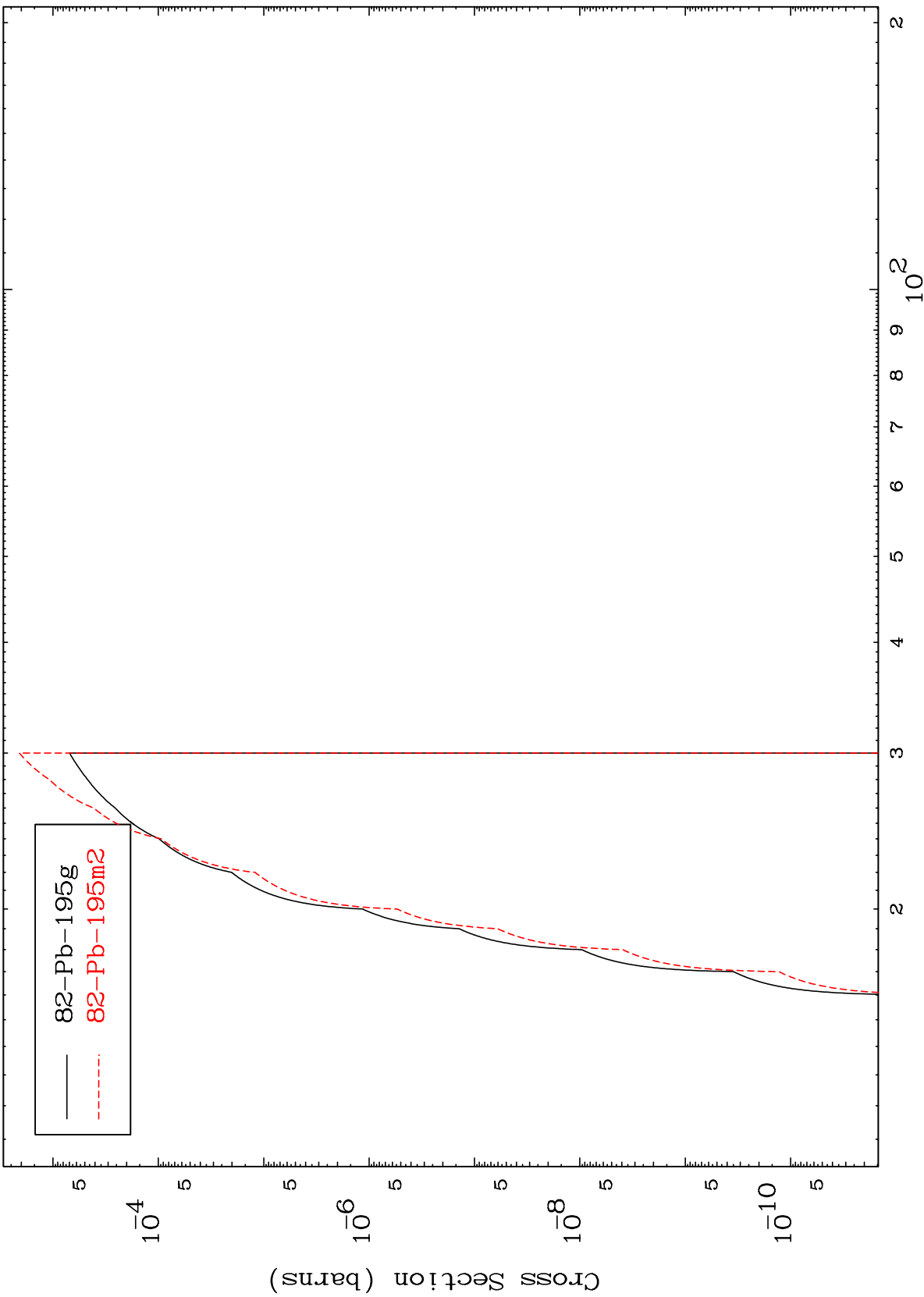
— $^{79}\text{Au-189g}$
- - - $^{79}\text{Au-189m3}$

MAT 8205

(n,n') t

82-Pb-197m

Radionuclide Production Cross Section

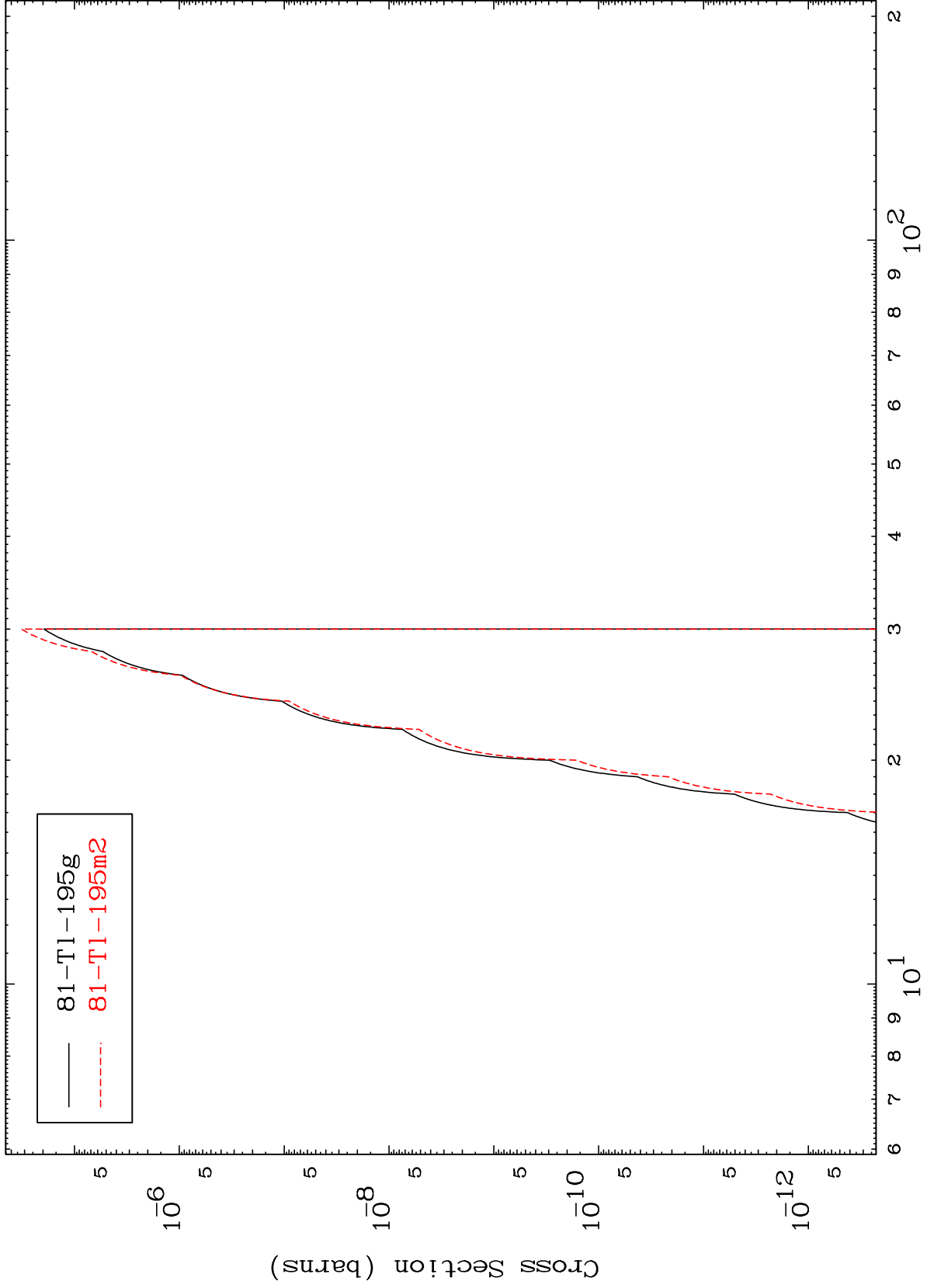


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(n,n') He-3

82-Pb-197m

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

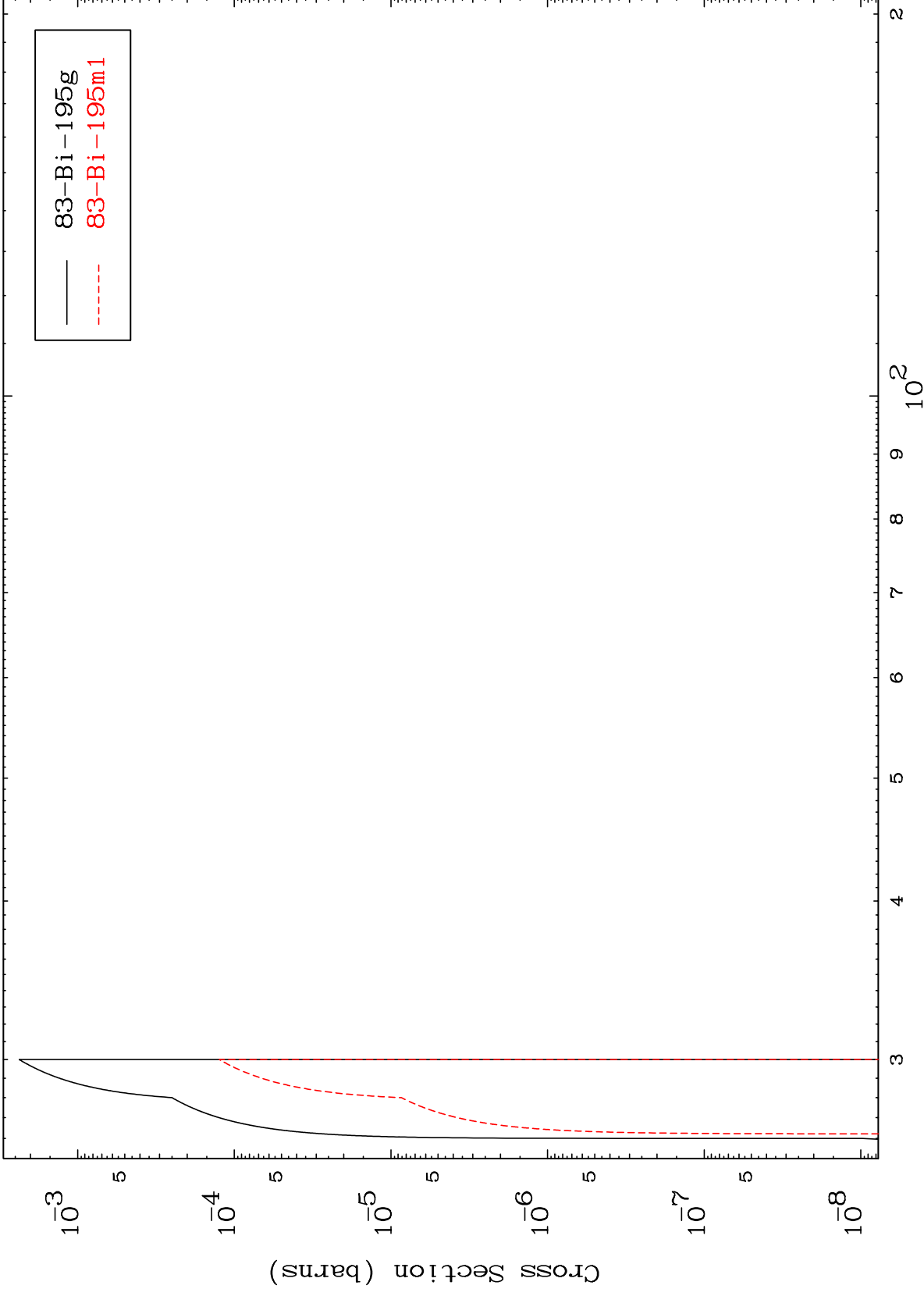
82-Pb-197m

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(n,4n)

82-Pb-197m

Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

25

Incident Energy (MeV)

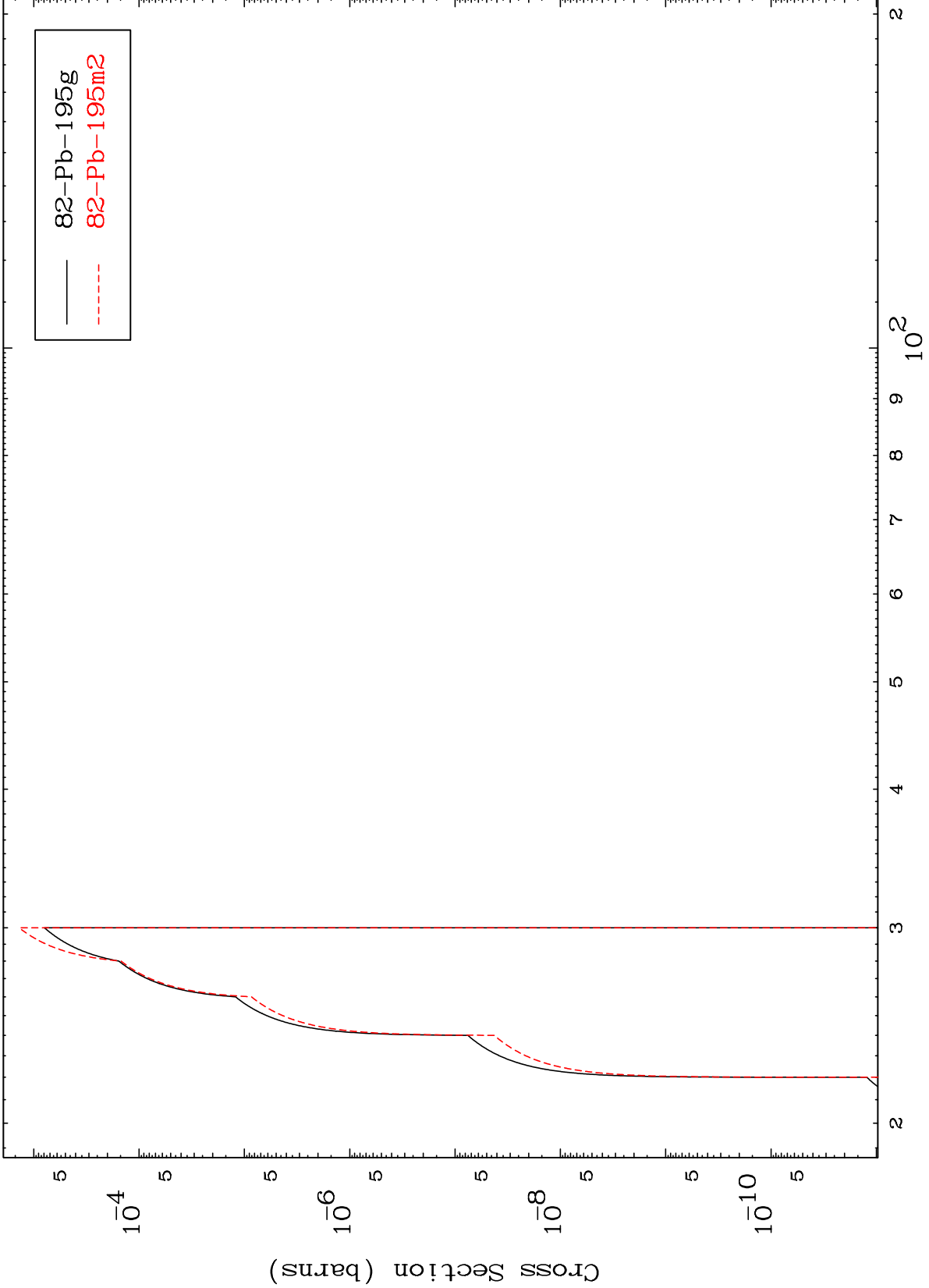
82-Pb-197m

MAT 8205

(n,3n) p

82-Pb-197m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

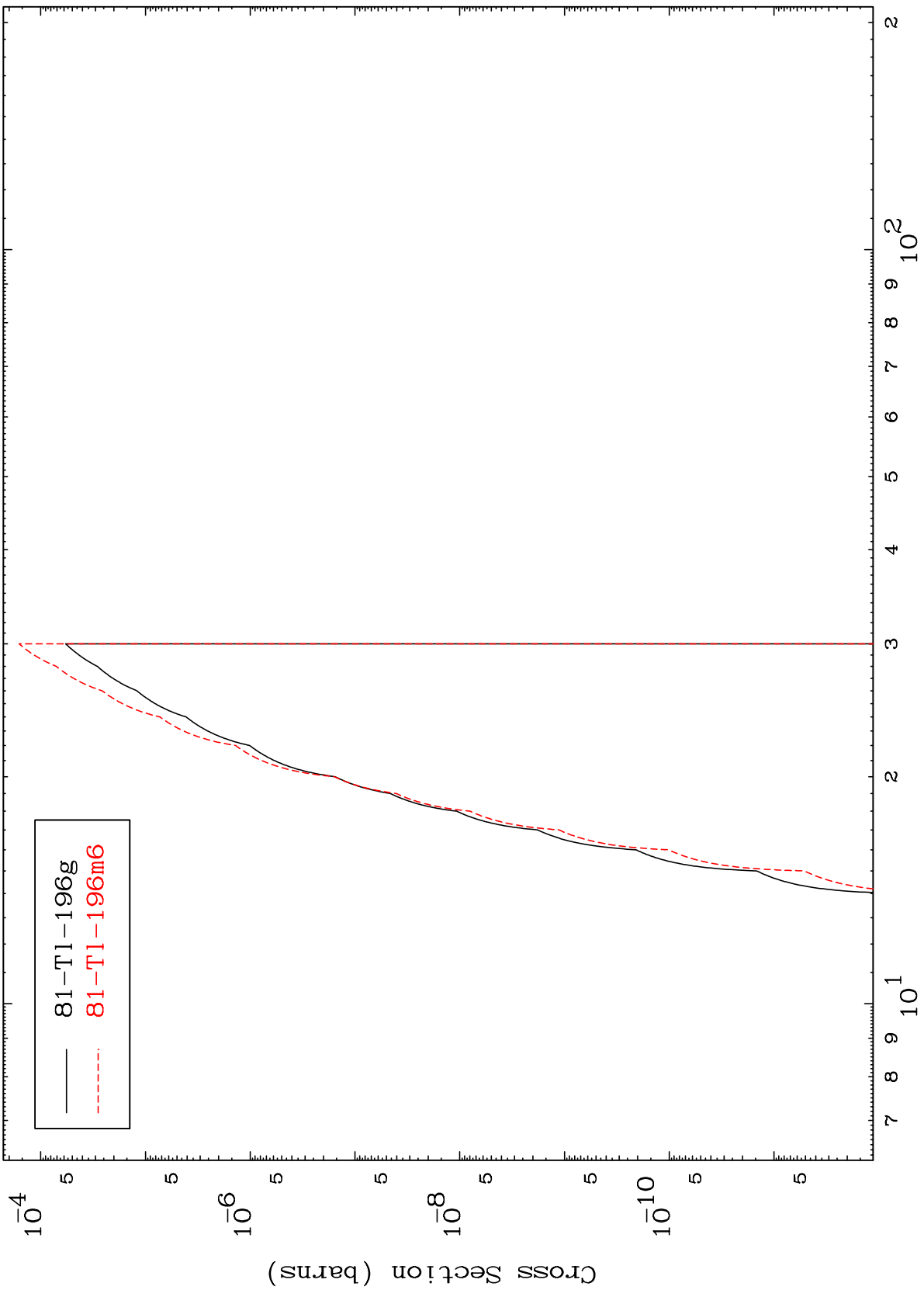
82-Pb-197m

MAT 8205

(n,2n) p

82-Pb-197m

Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

Incident Energy (MeV)

82-Pb-197m

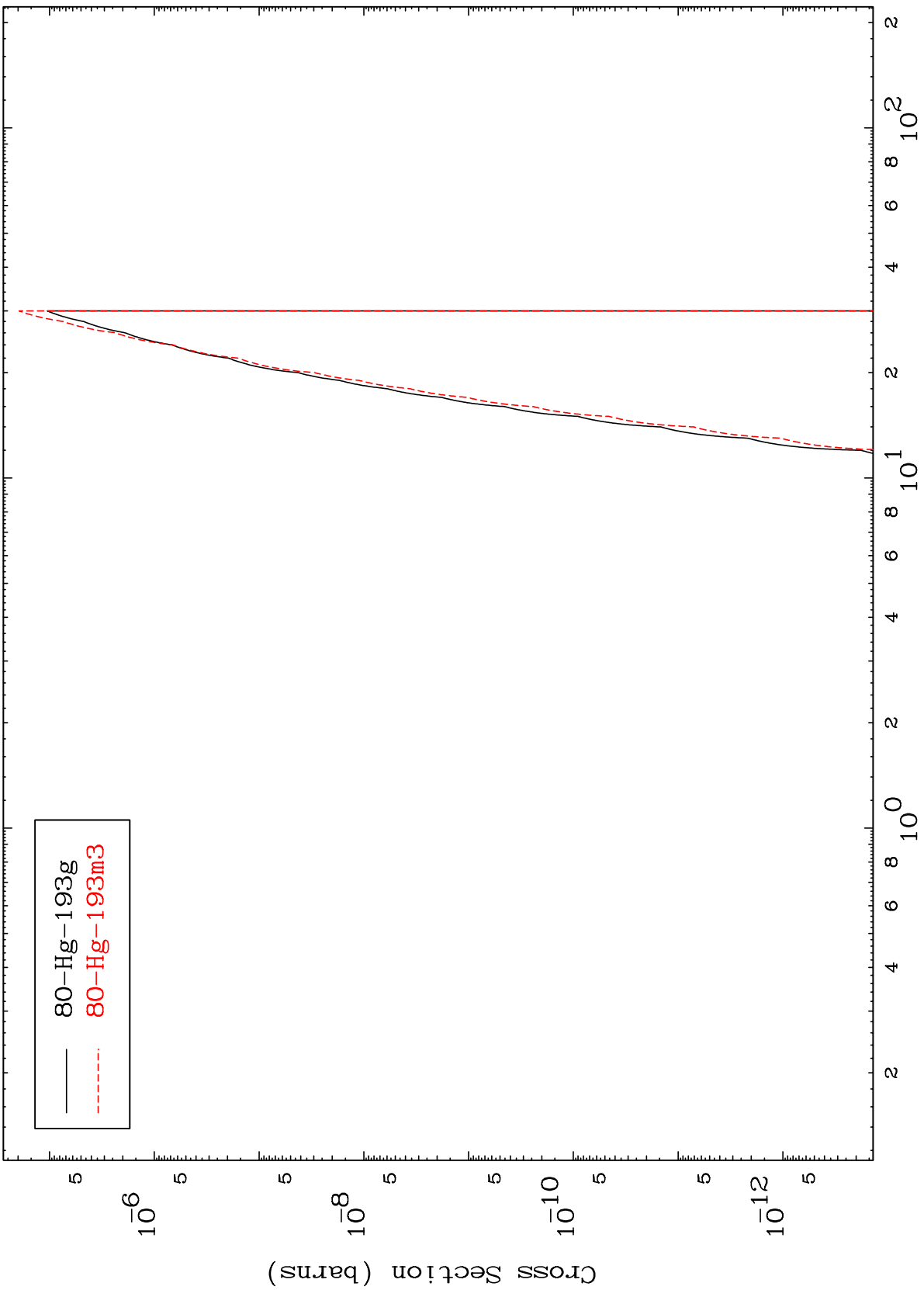
27

MAT 8205

(n,n') p α

82-Pb-197m

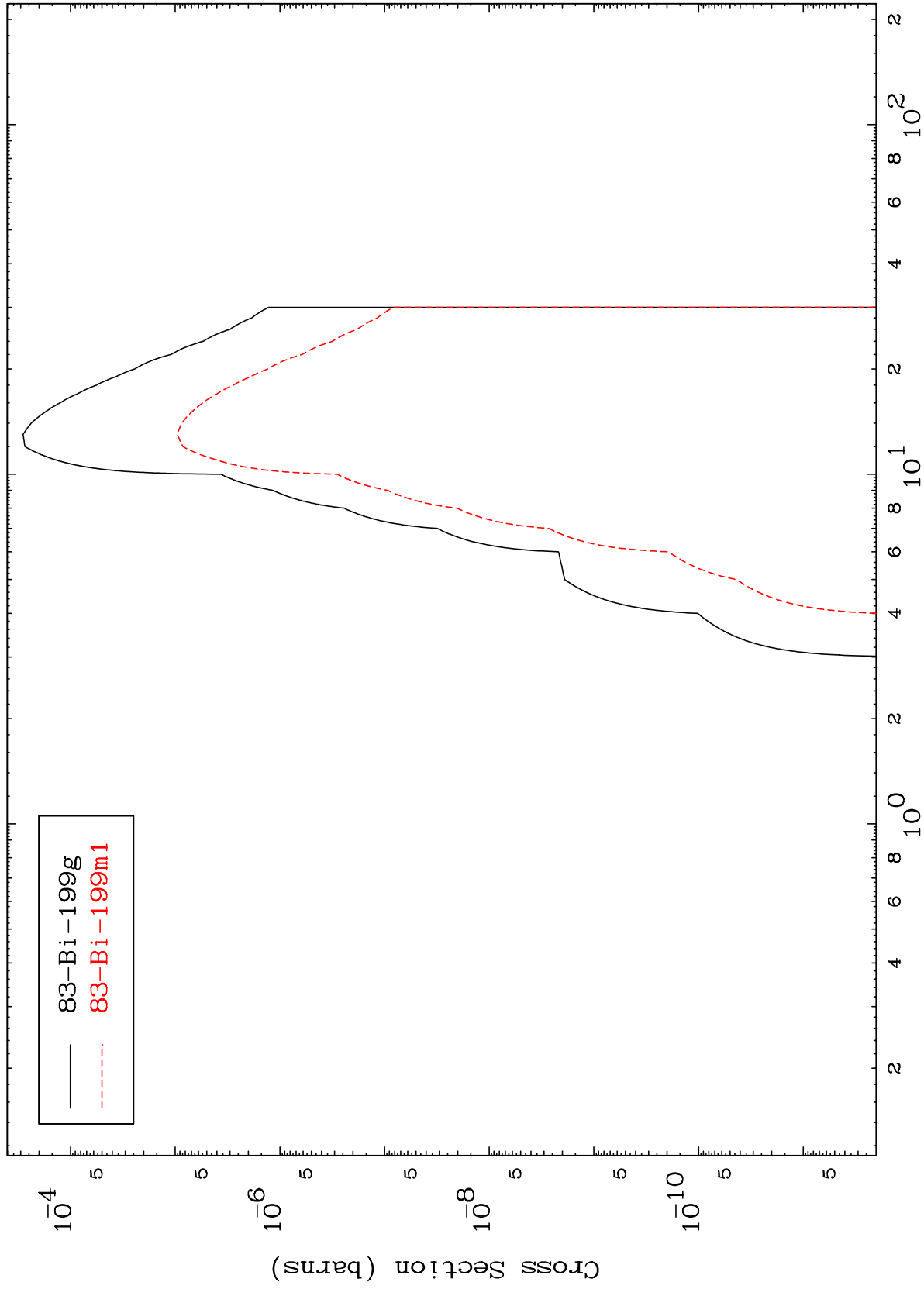
Radionuclide Production Cross Section



MAT 8205

82-Pb-197m

Radionuclide Production Cross Section
(n, γ)

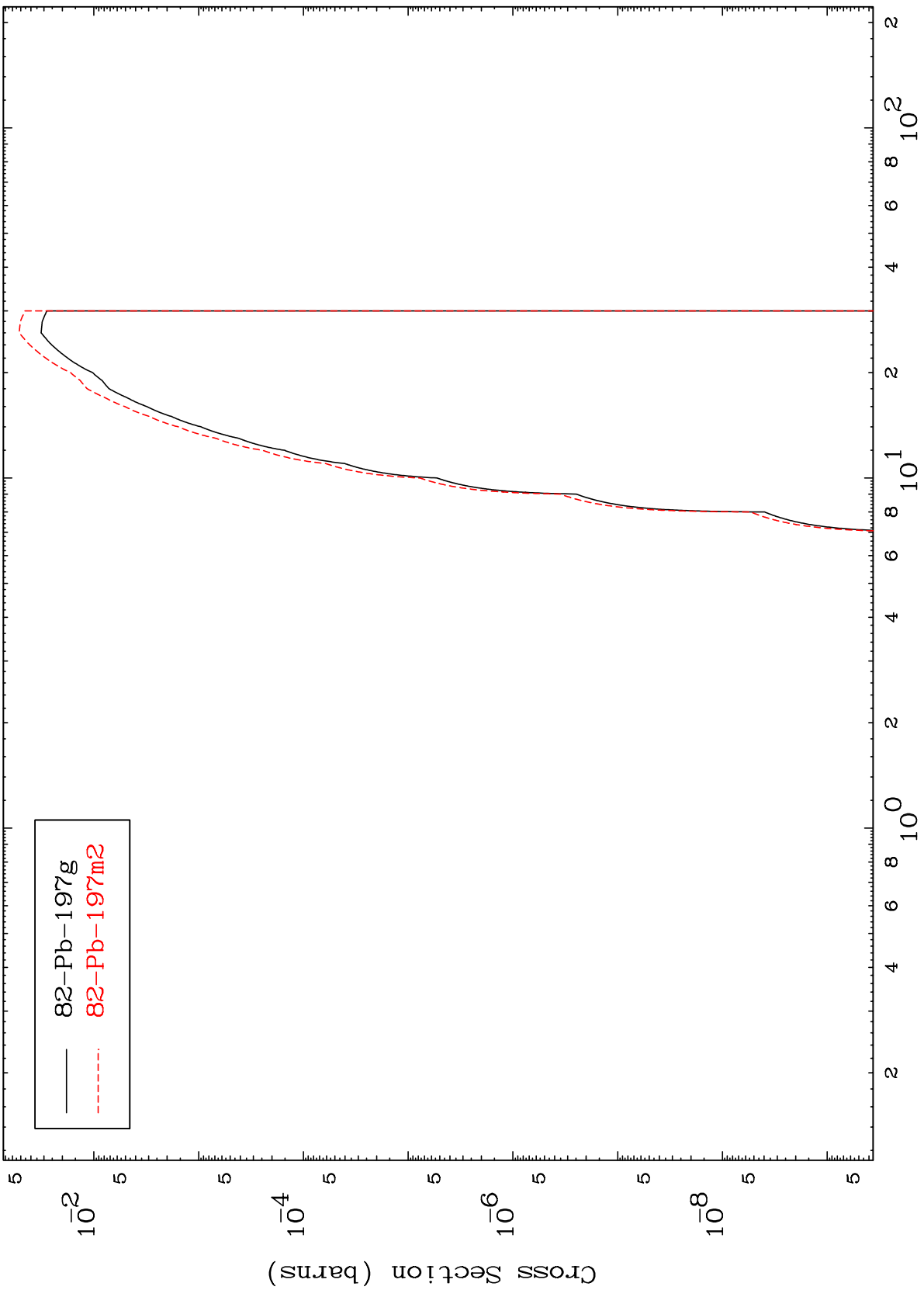


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(n, d)

⁸²Pb-197m

Radionuclide Production Cross Section

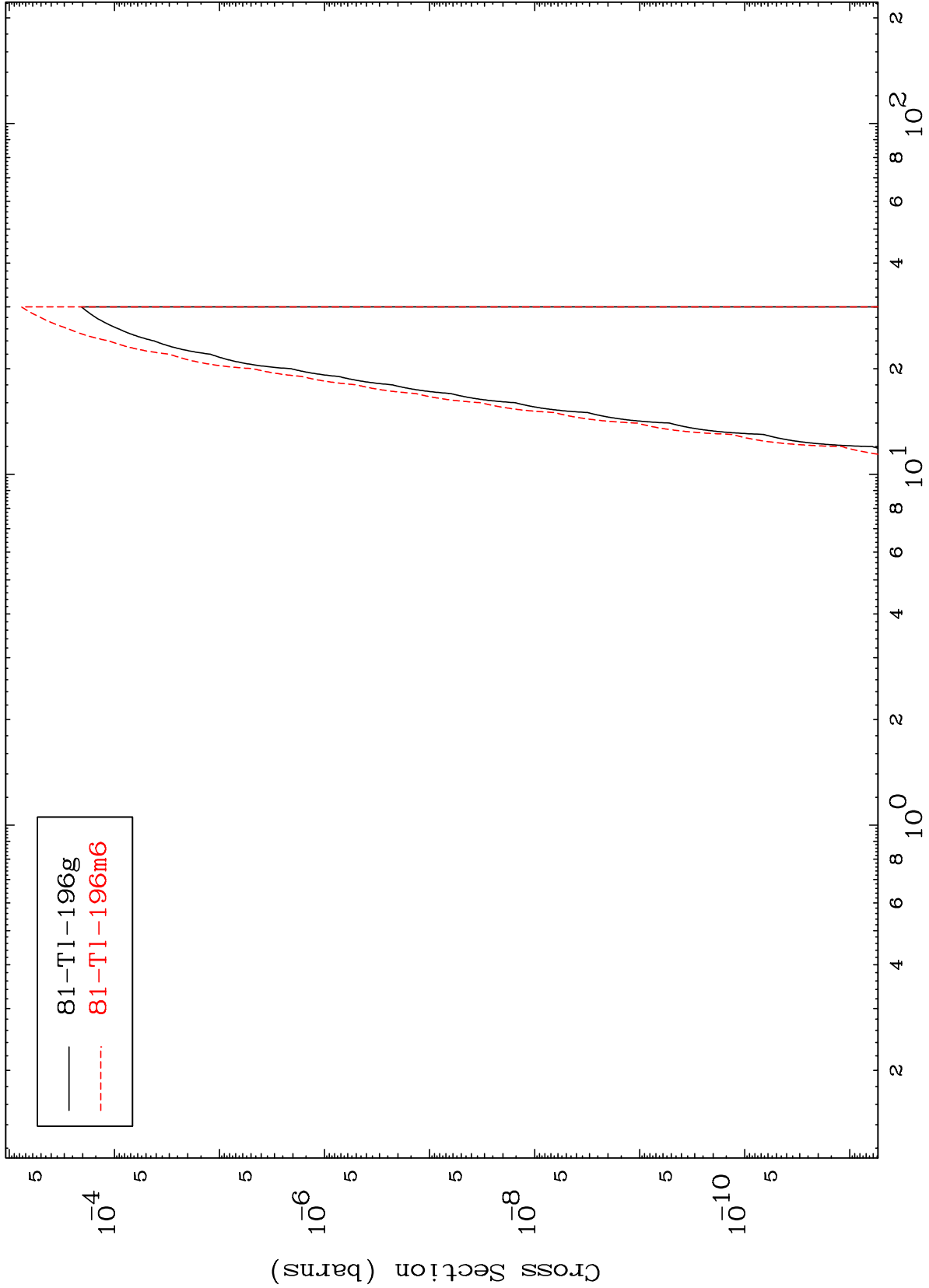


MAT 8205

(n,He-3)

82-Pb-197m

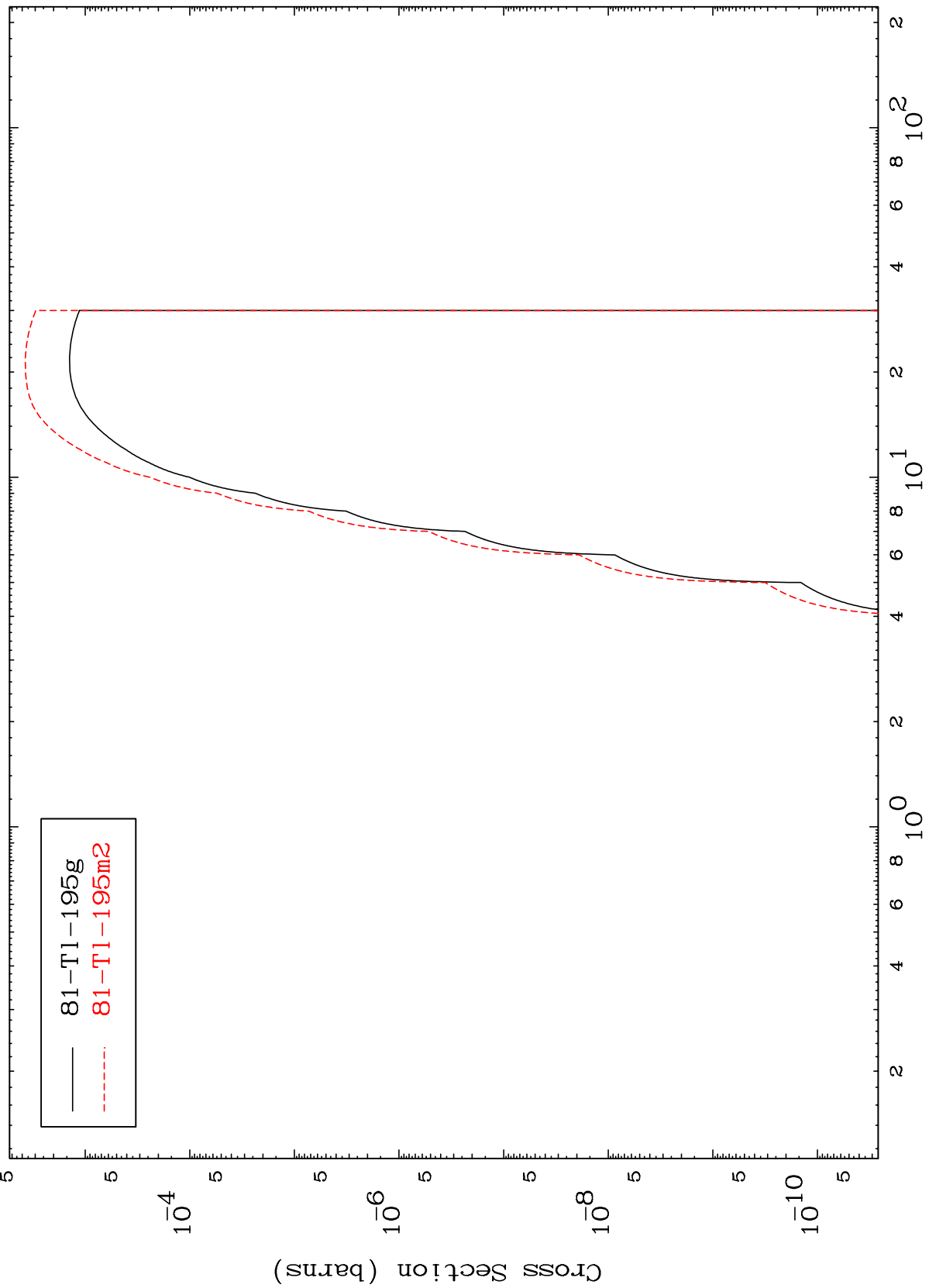
Radionuclide Production Cross Section



MAT 8205

82-Pb-197m

Radionuclide Production Cross Section
(n, α)

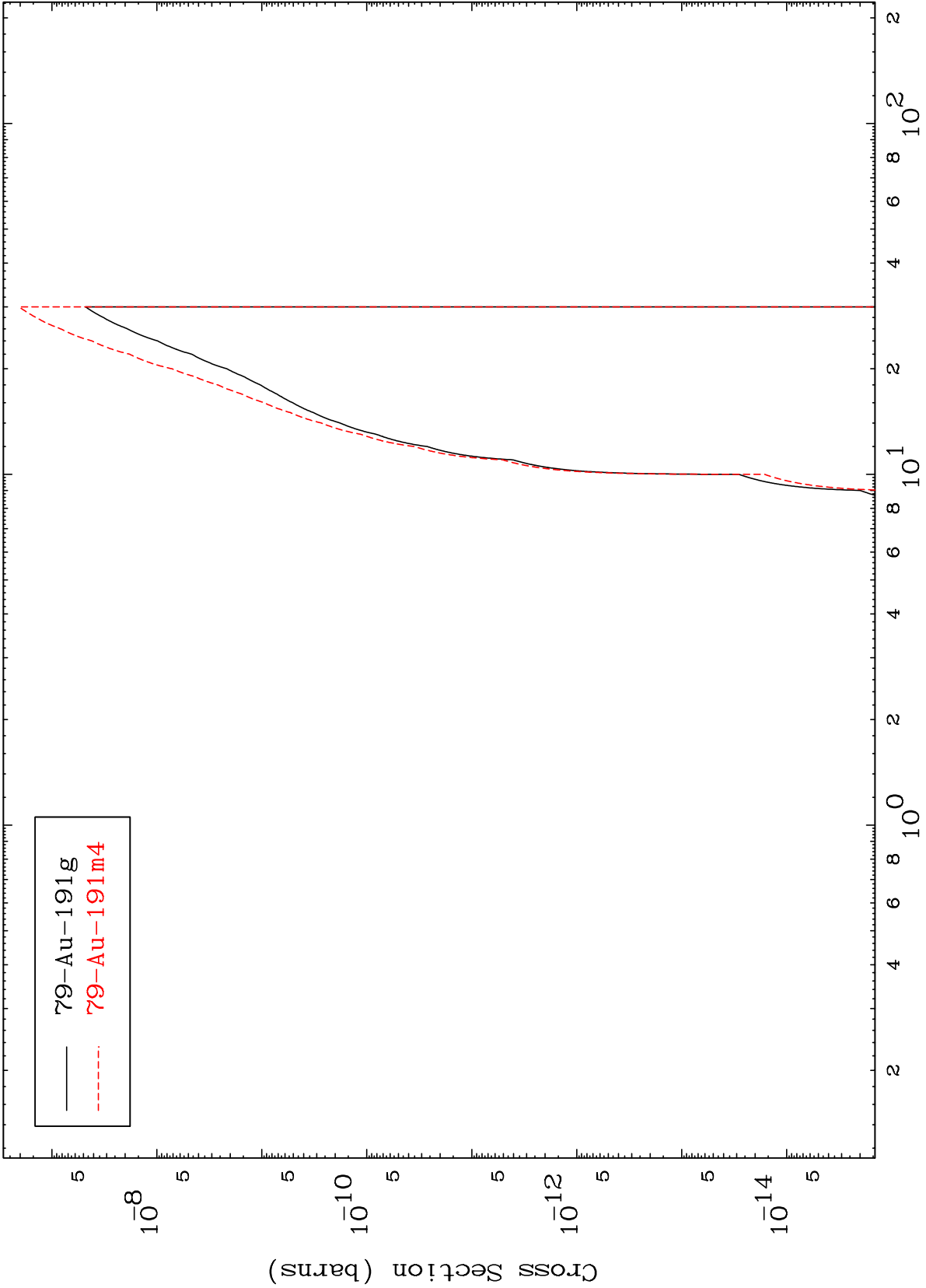


MAT 8205

(n,2α)

82-Pb-197m

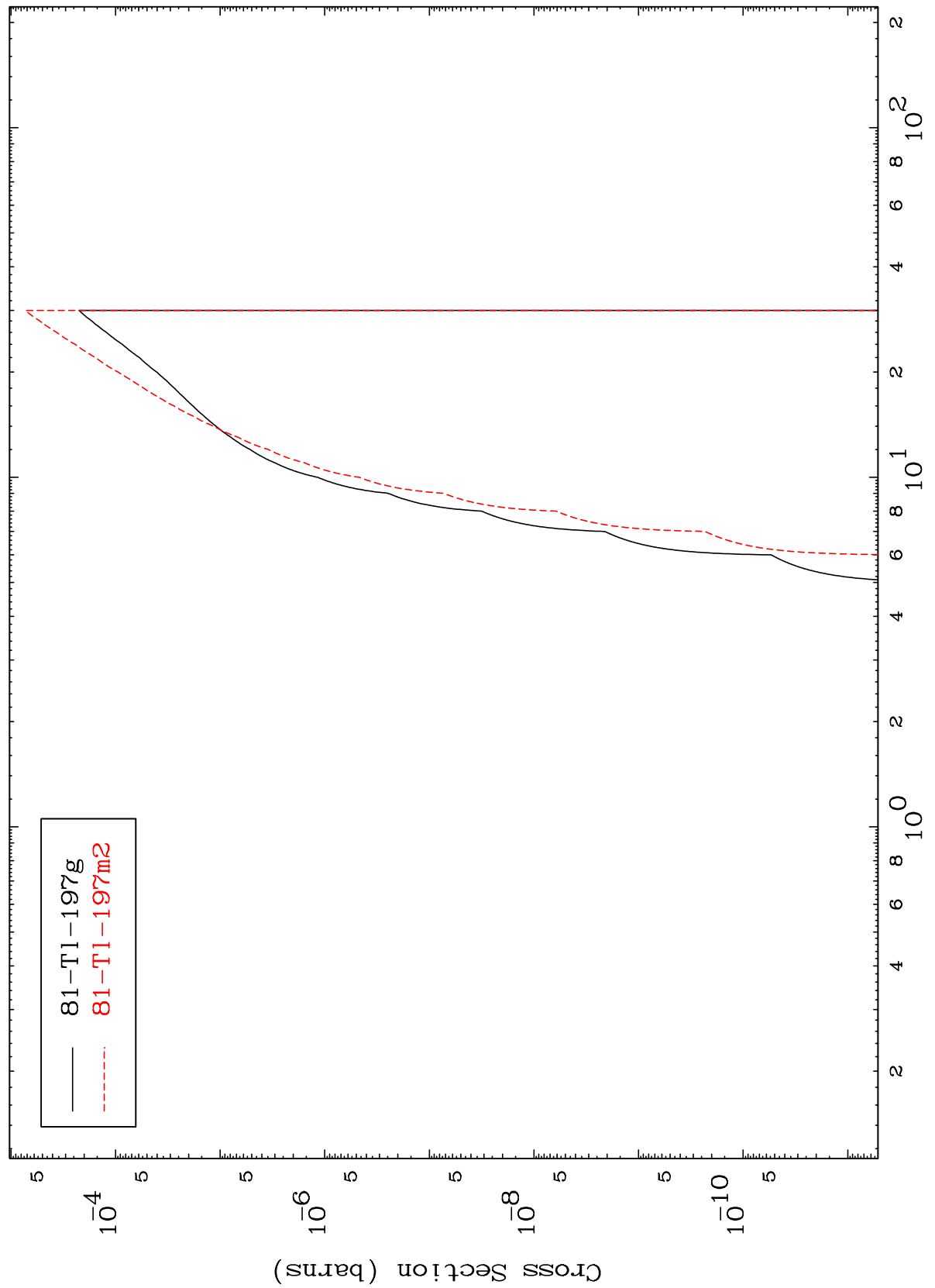
Radionuclide Production Cross Section



MAT 8205

82-Pb-197m

Radionuclide Production Cross Section
(n,2p)



82-Pb-197m

Incident Energy (MeV)

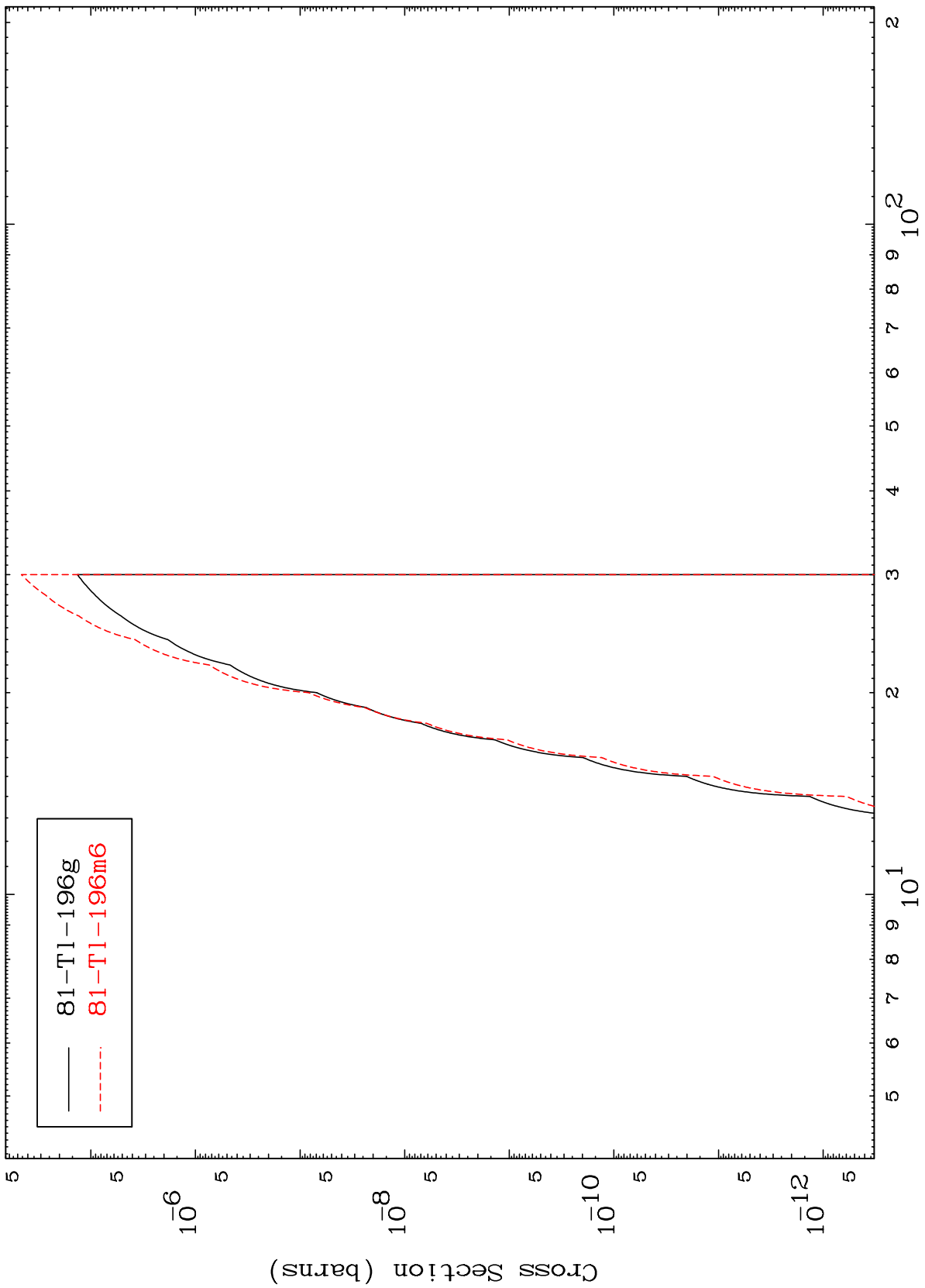
34

MAT 8205

(n,p) d

82-Pb-197m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

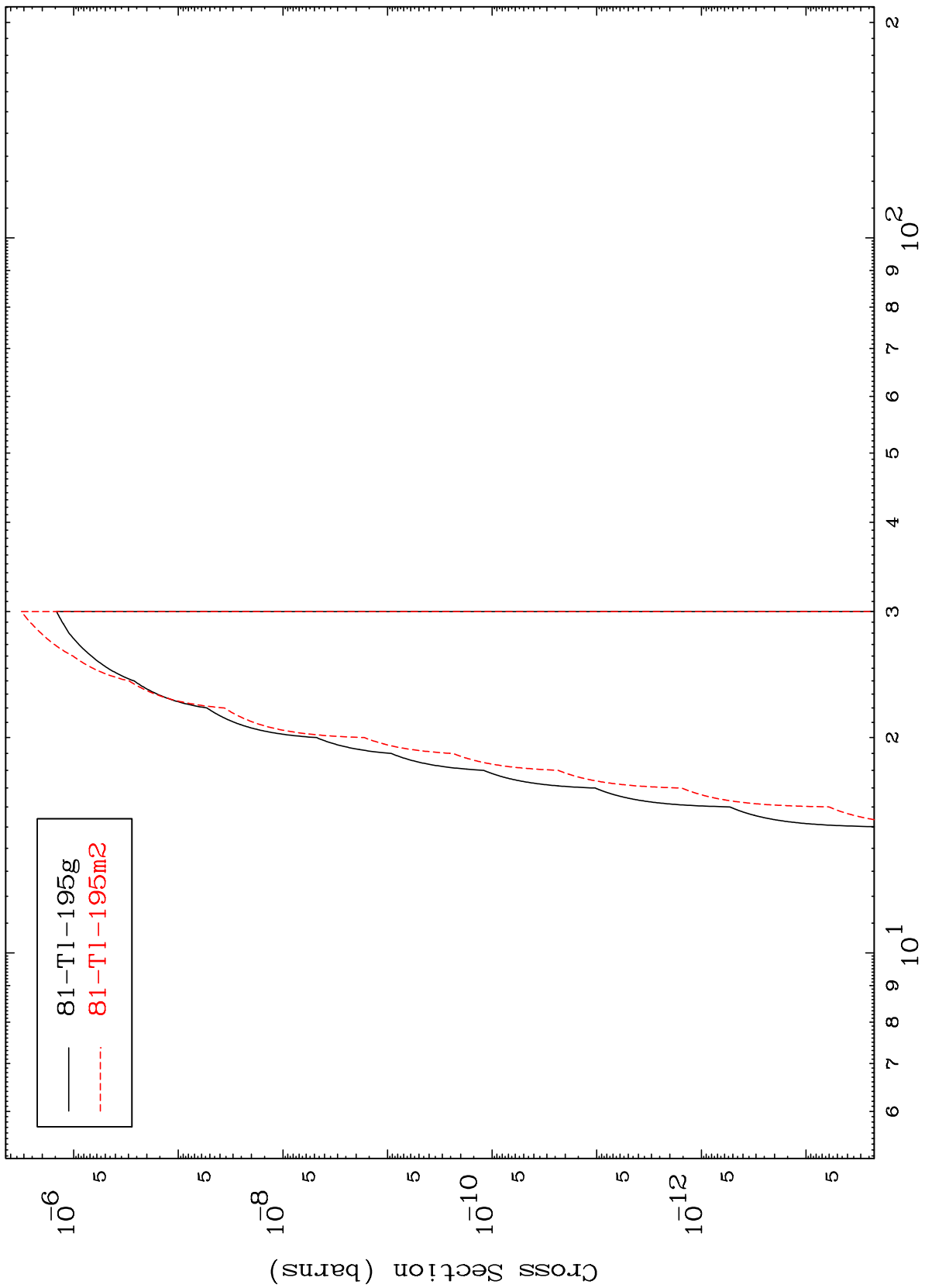
82-Pb-197m

MAT 8205

(n,p) t

82-Pb-197m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

82-Pb-197m

MAT 8205

(n,d) α

82-Pb-197m

