

Program EVALPLOT
(Version 2021-1)

by

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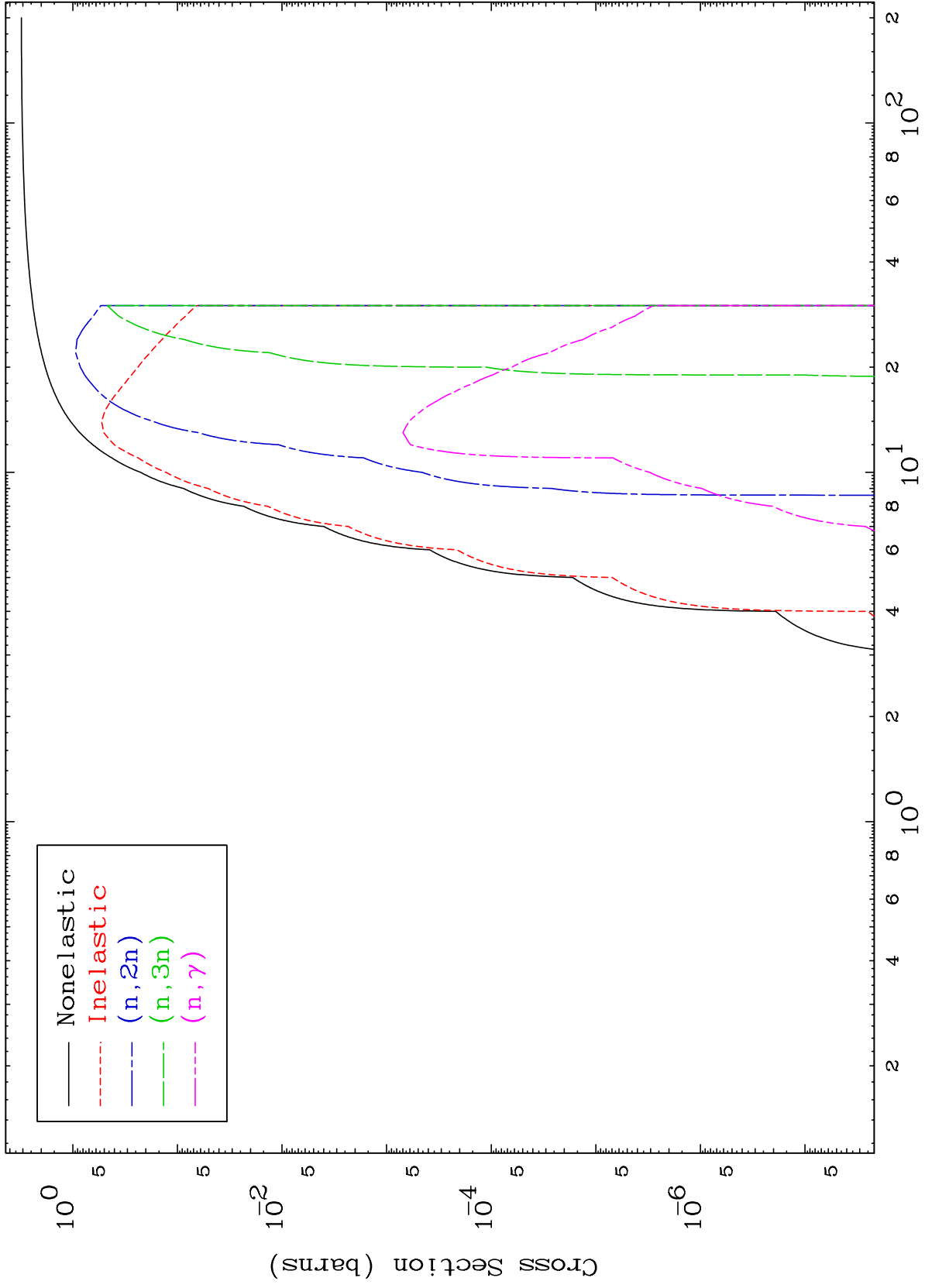
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8199

Deuteron Major
0 Kelvin Cross Sections

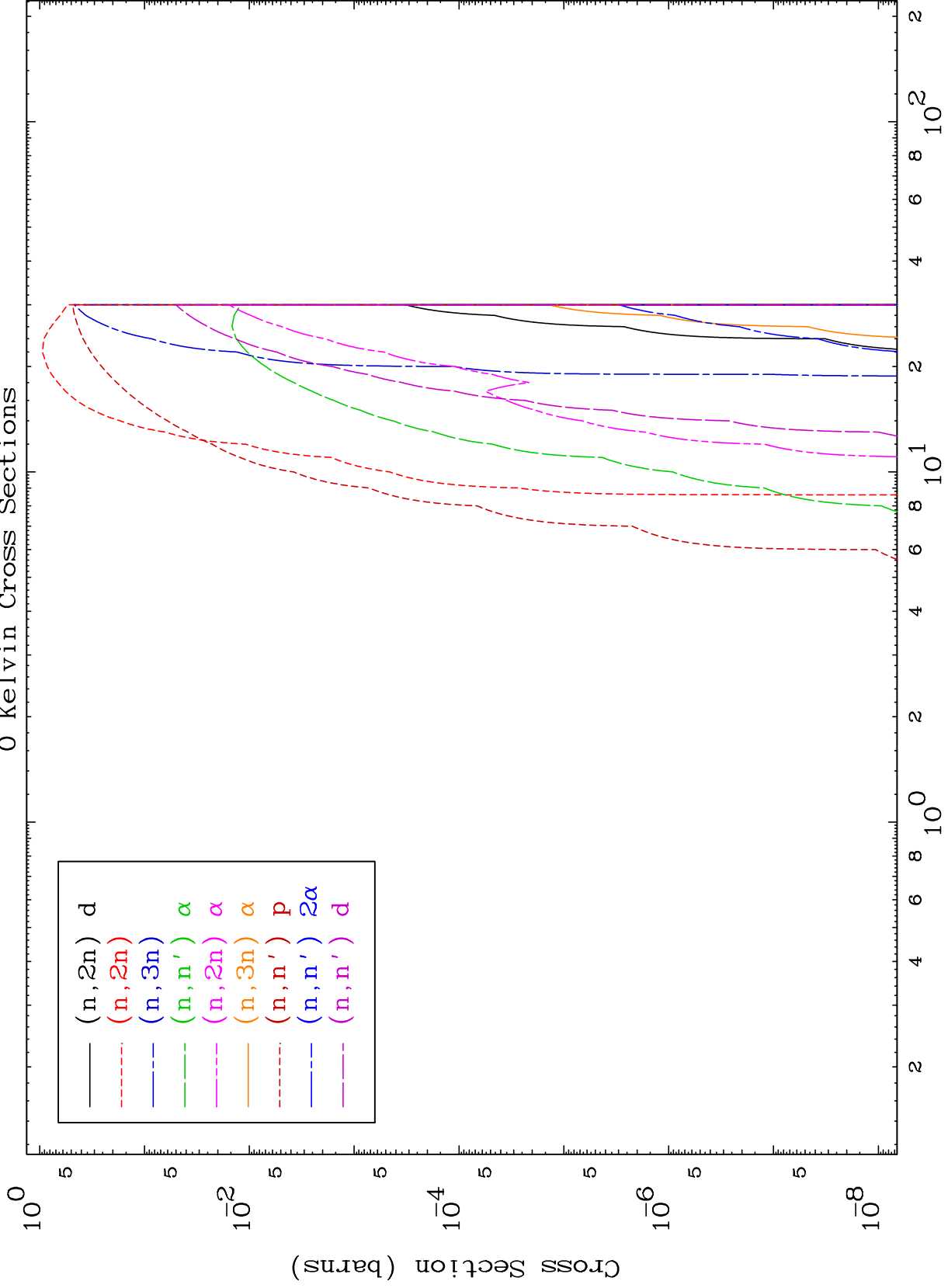
82-Pb-195m

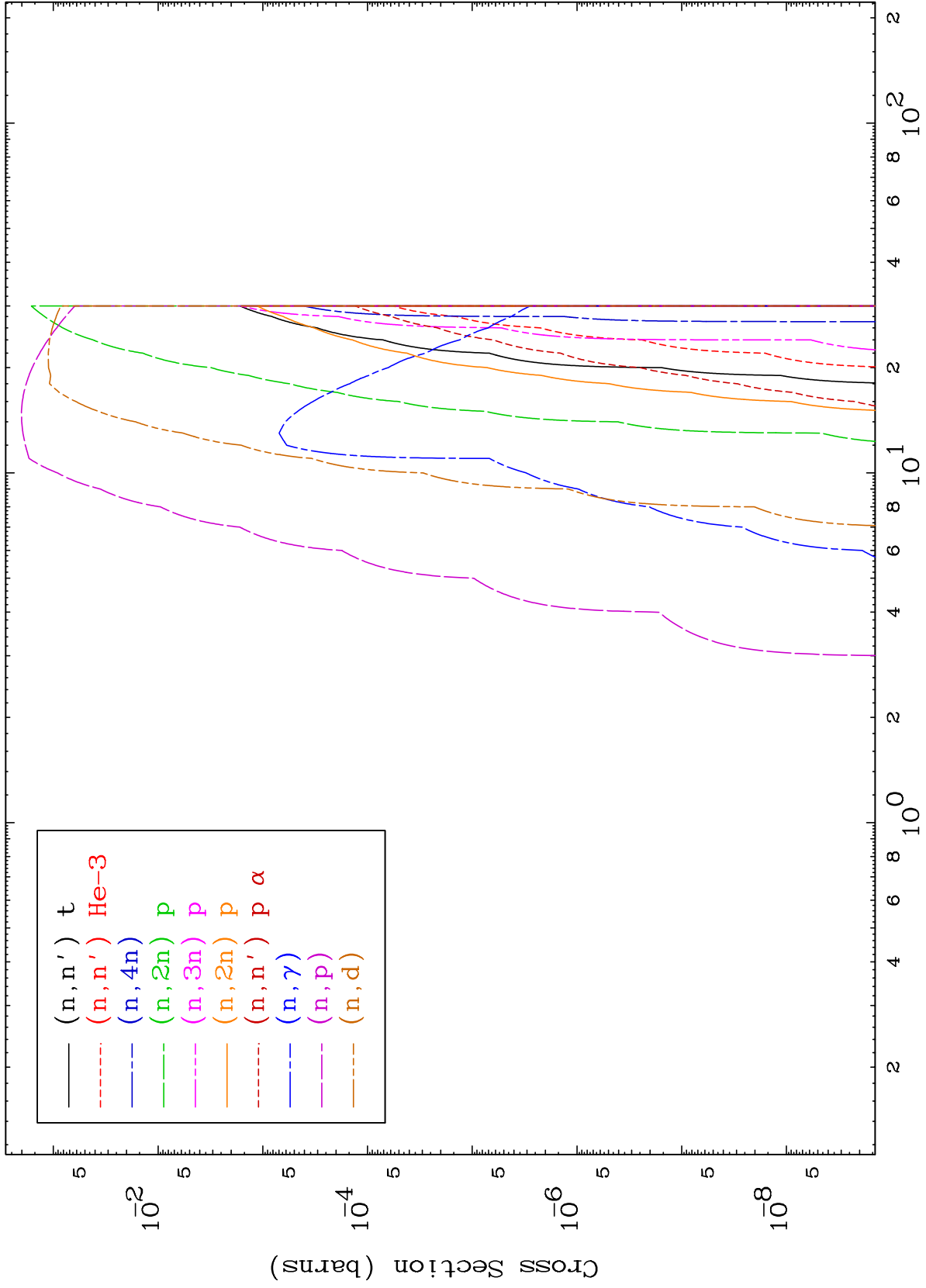


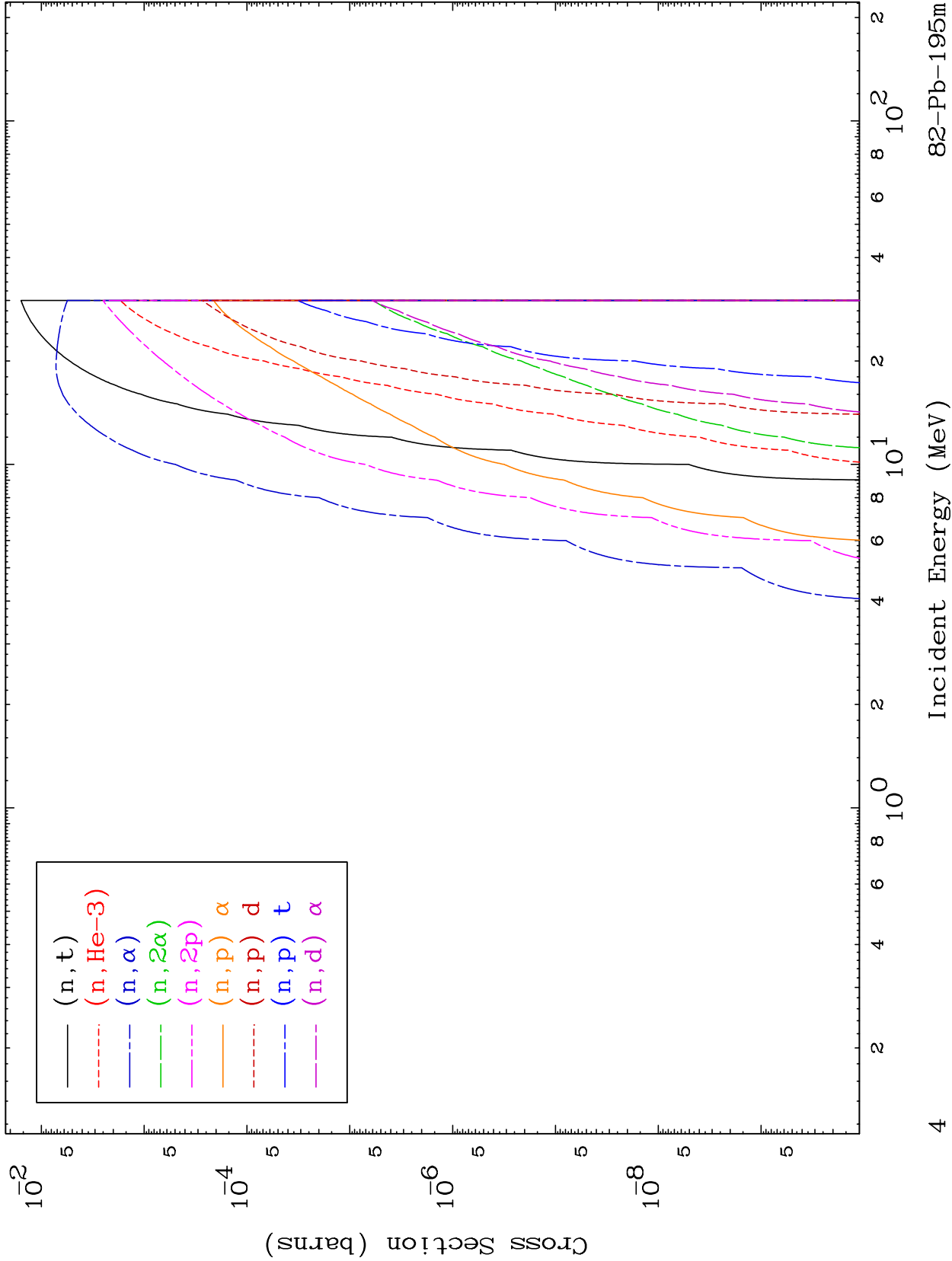
MAT 8199

Deuteron Neutron Absorption
0 Kelvin Cross Sections

82-Pb-195m



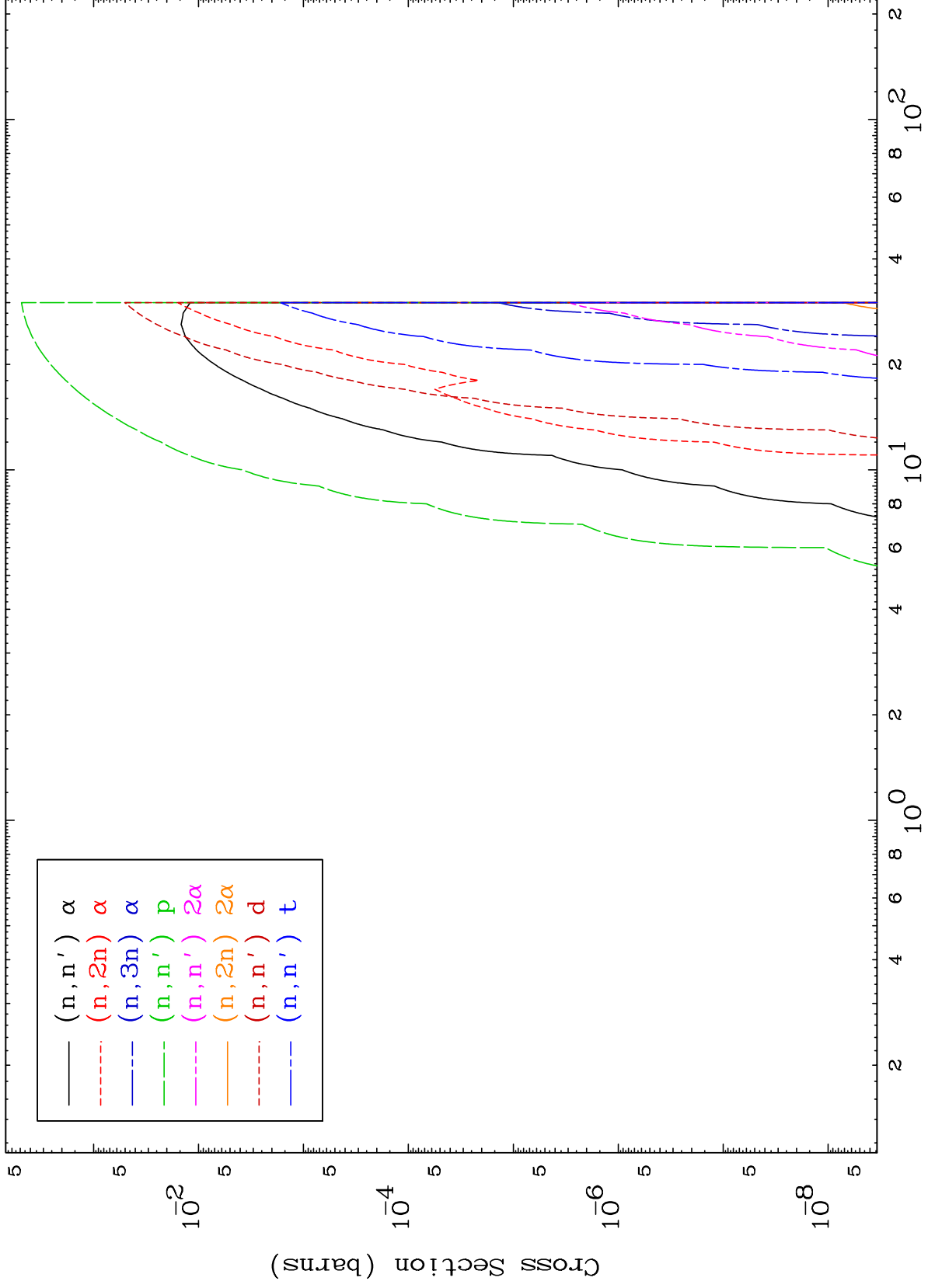




MAT 8199

Deuteron Charged Particle
0 Kelvin Cross Sections

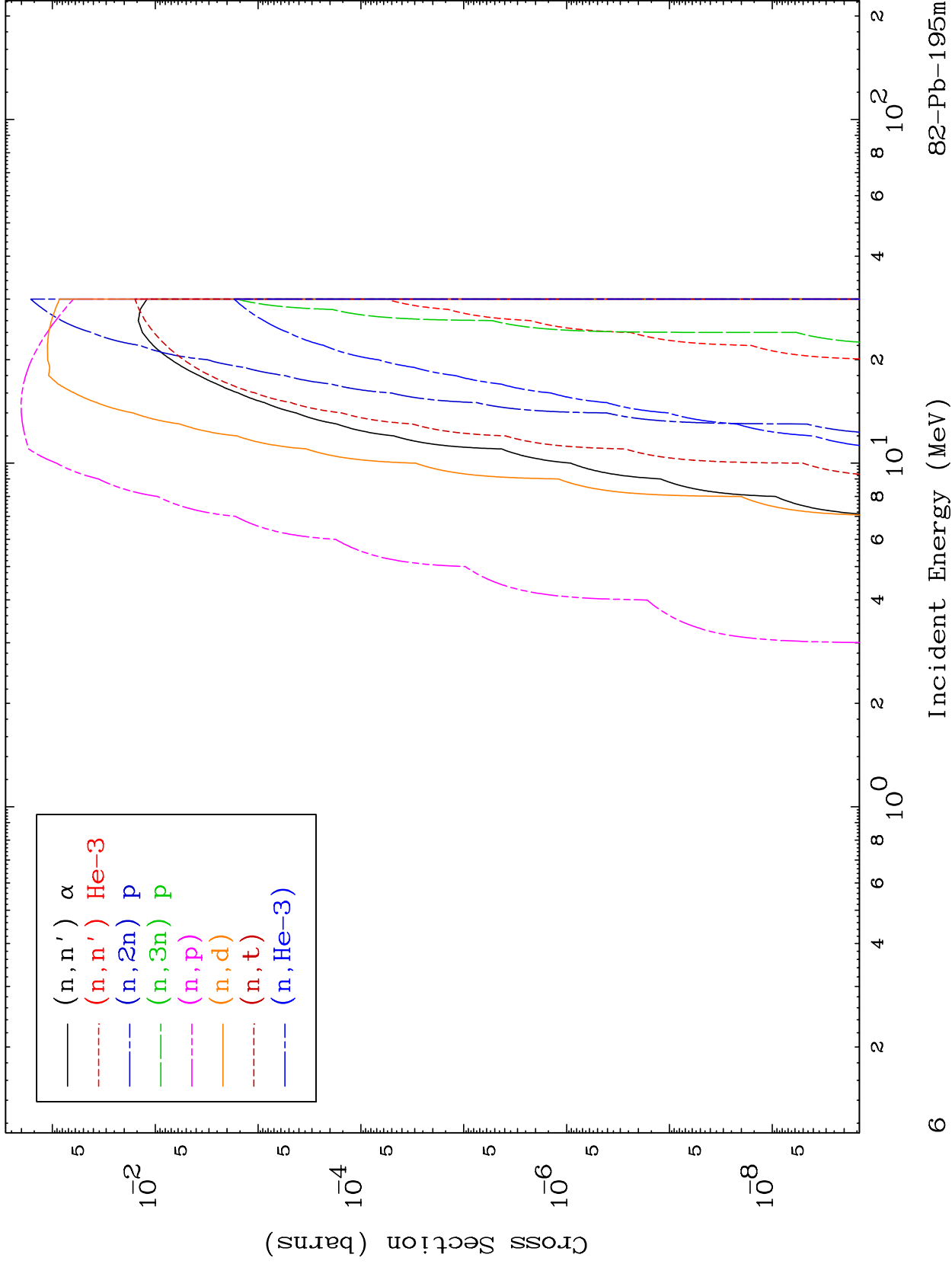
82-Pb-195m



5

Incident Energy (MeV)

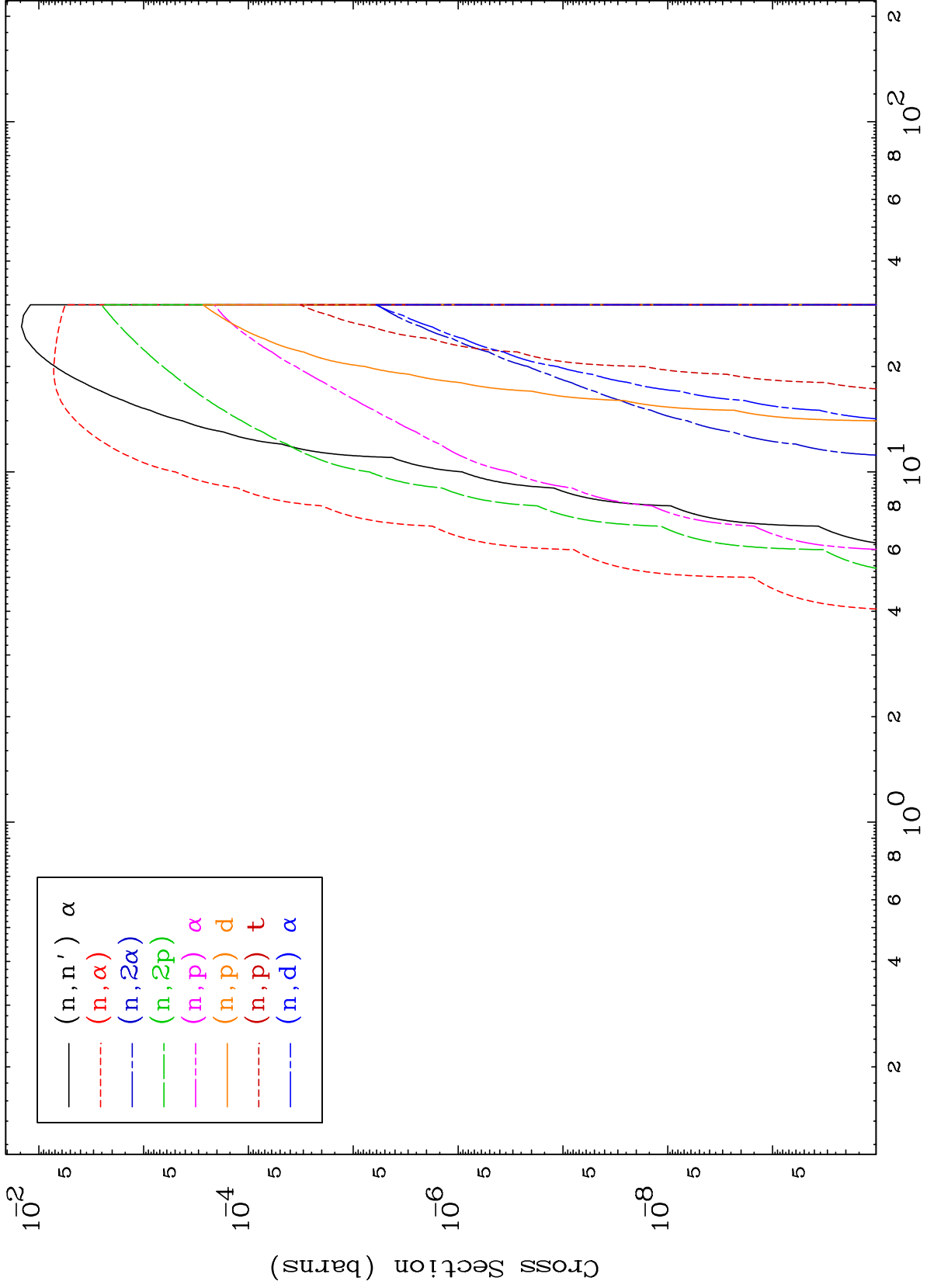
82-Pb-195m



MAT 8199

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-195m

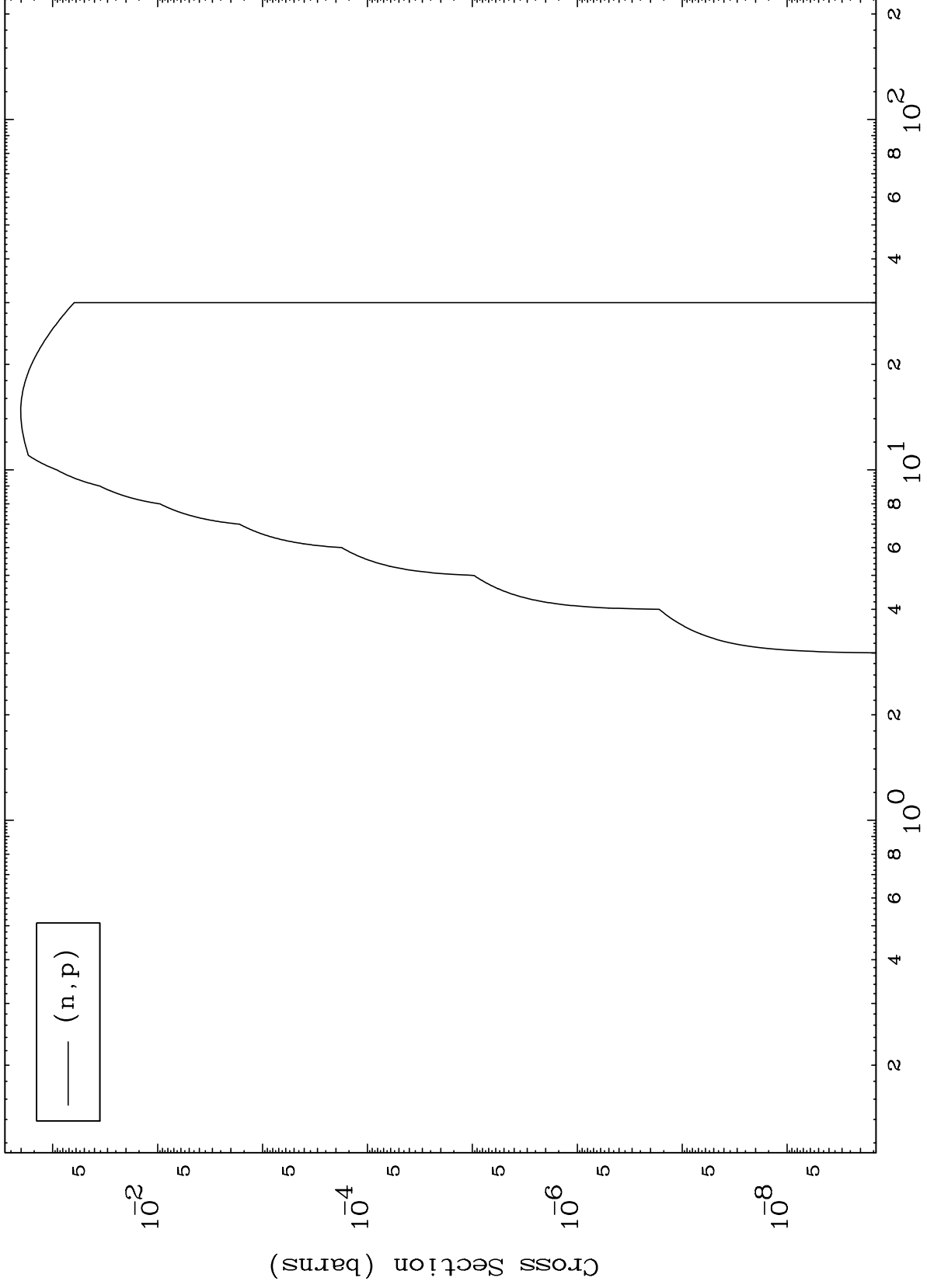


MAT 8199

(d,p) Levels

⁸²Pb-195m

0 Kelvin Cross Sections

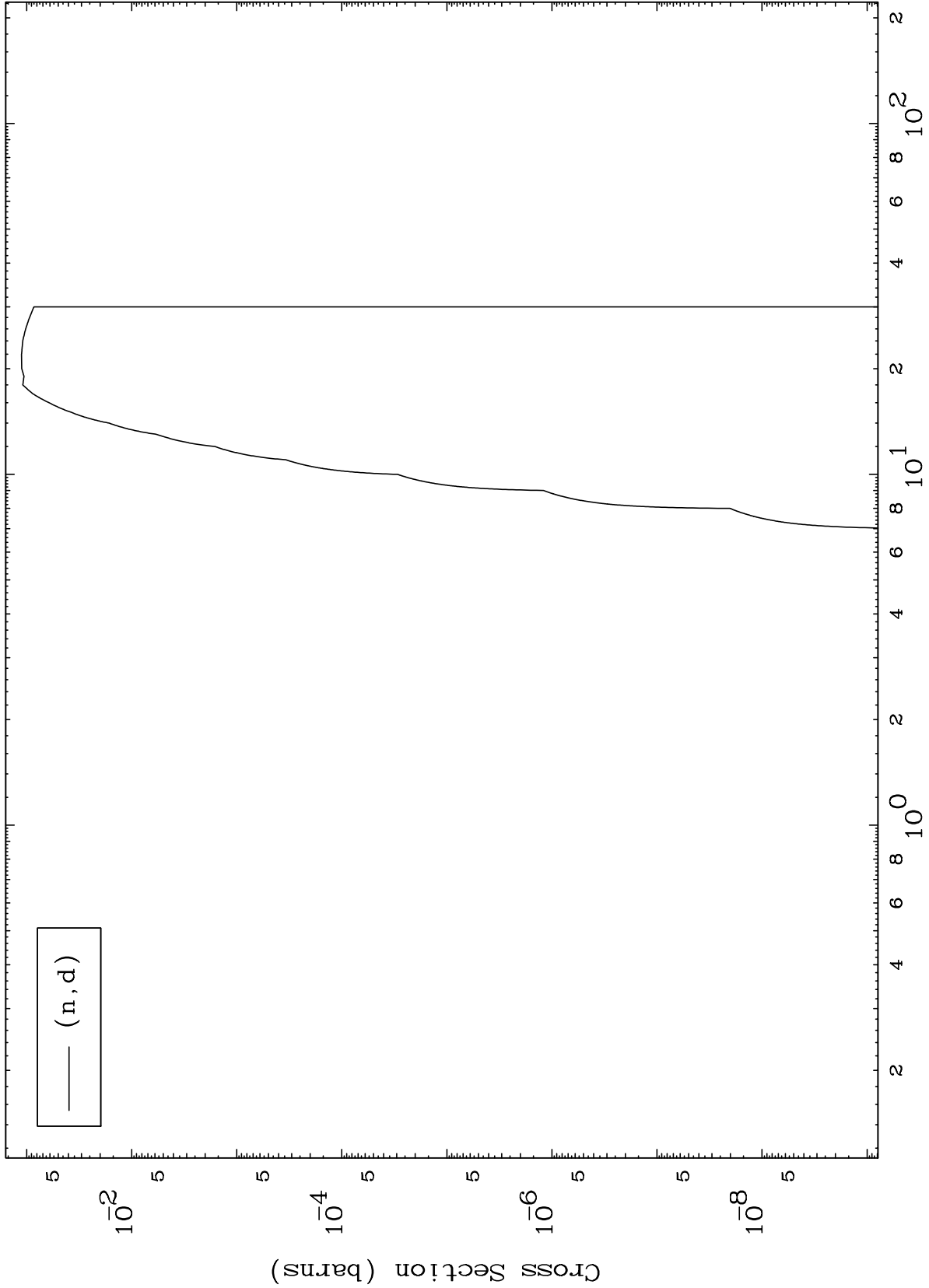


MAT 8199

(d,d) Levels

82-Pb-195m

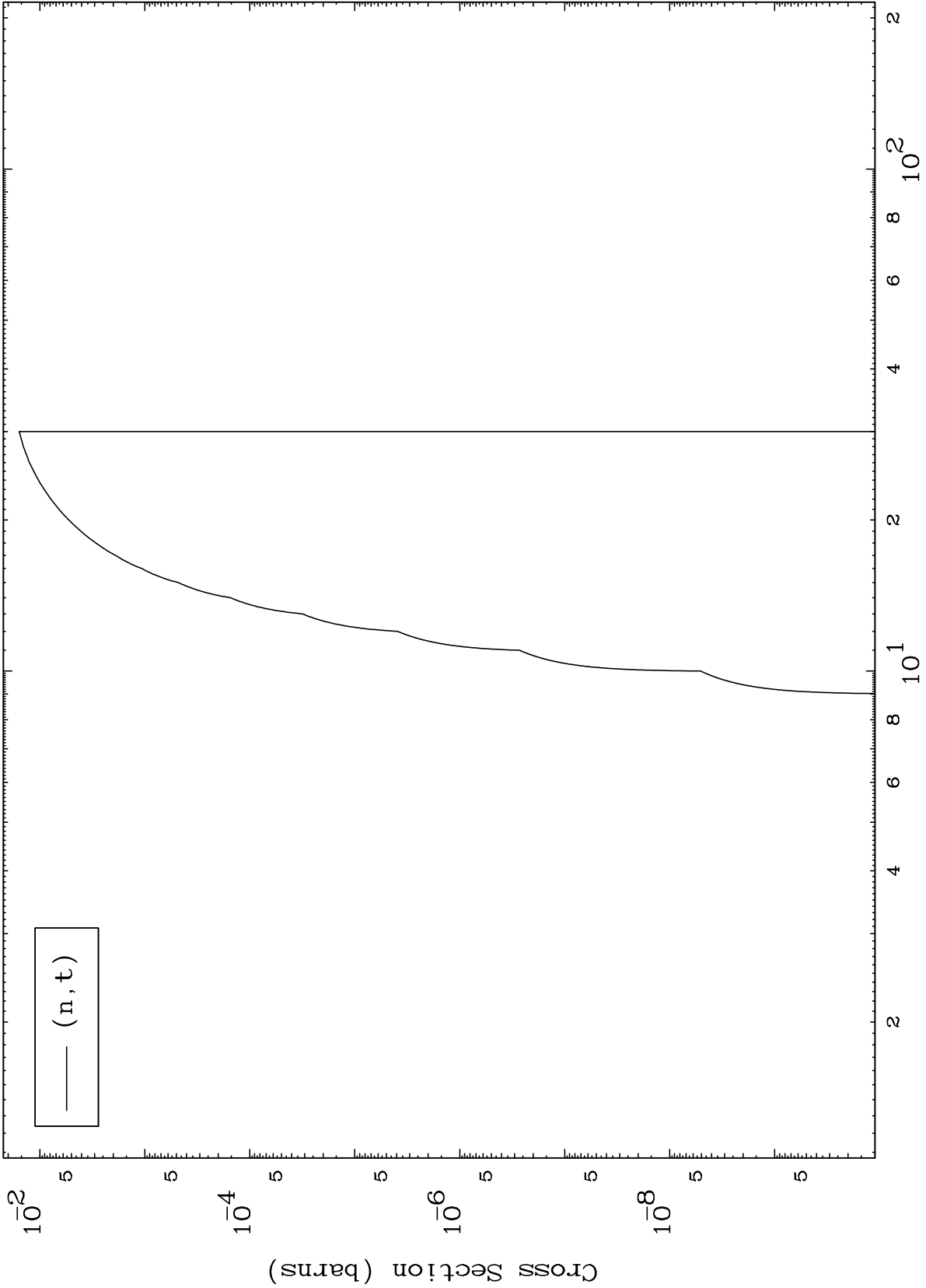
0 Kelvin Cross Sections



MAT 8199

(d,t) Levels
0 Kelvin Cross Sections

82-Pb-195m



(n,t)

10

Incident Energy (MeV)

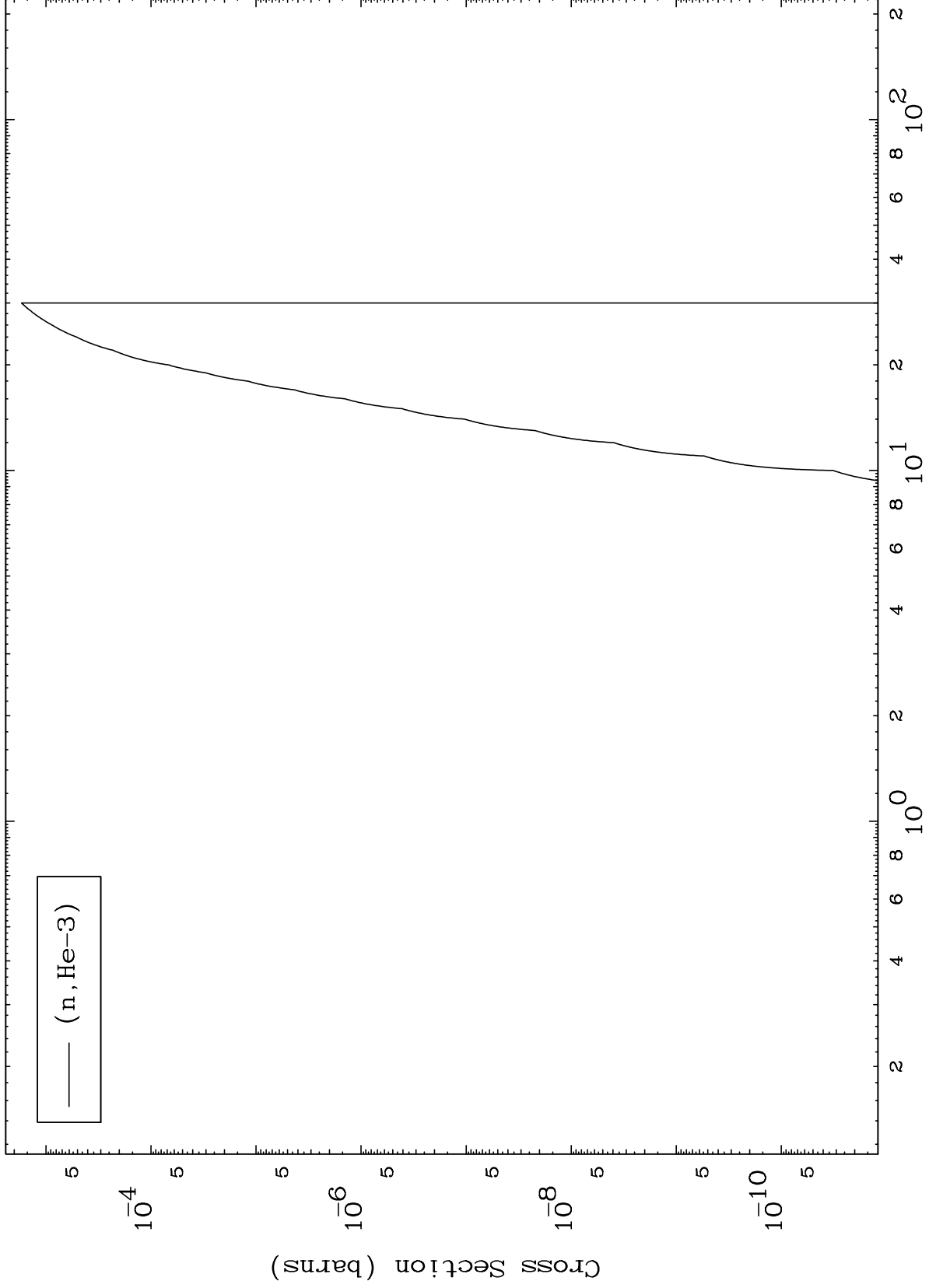
82-Pb-195m

MAT 8199

(d,He3) Levels

82-Pb-195m

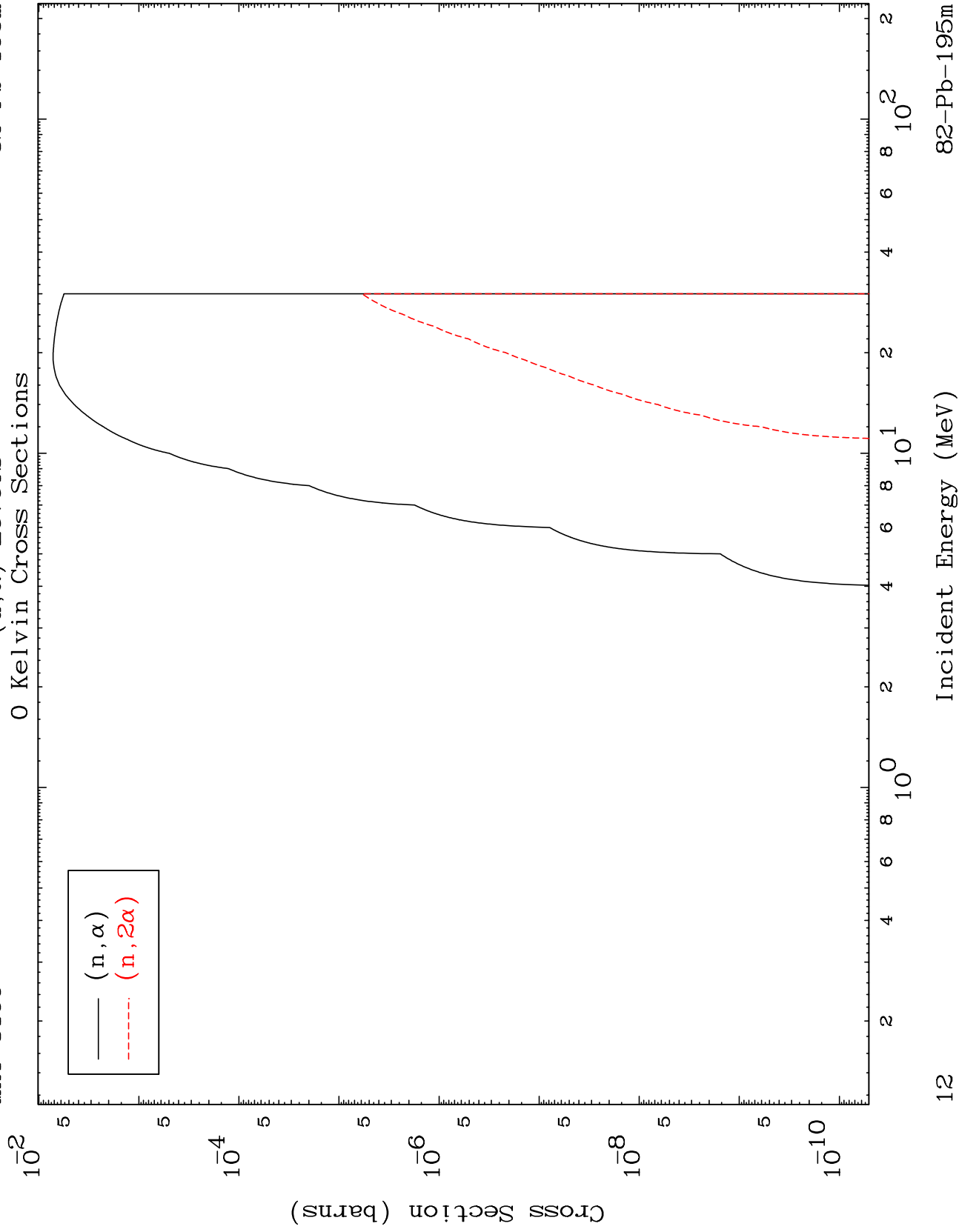
0 Kelvin Cross Sections



MAT 8199

(d, α) Levels

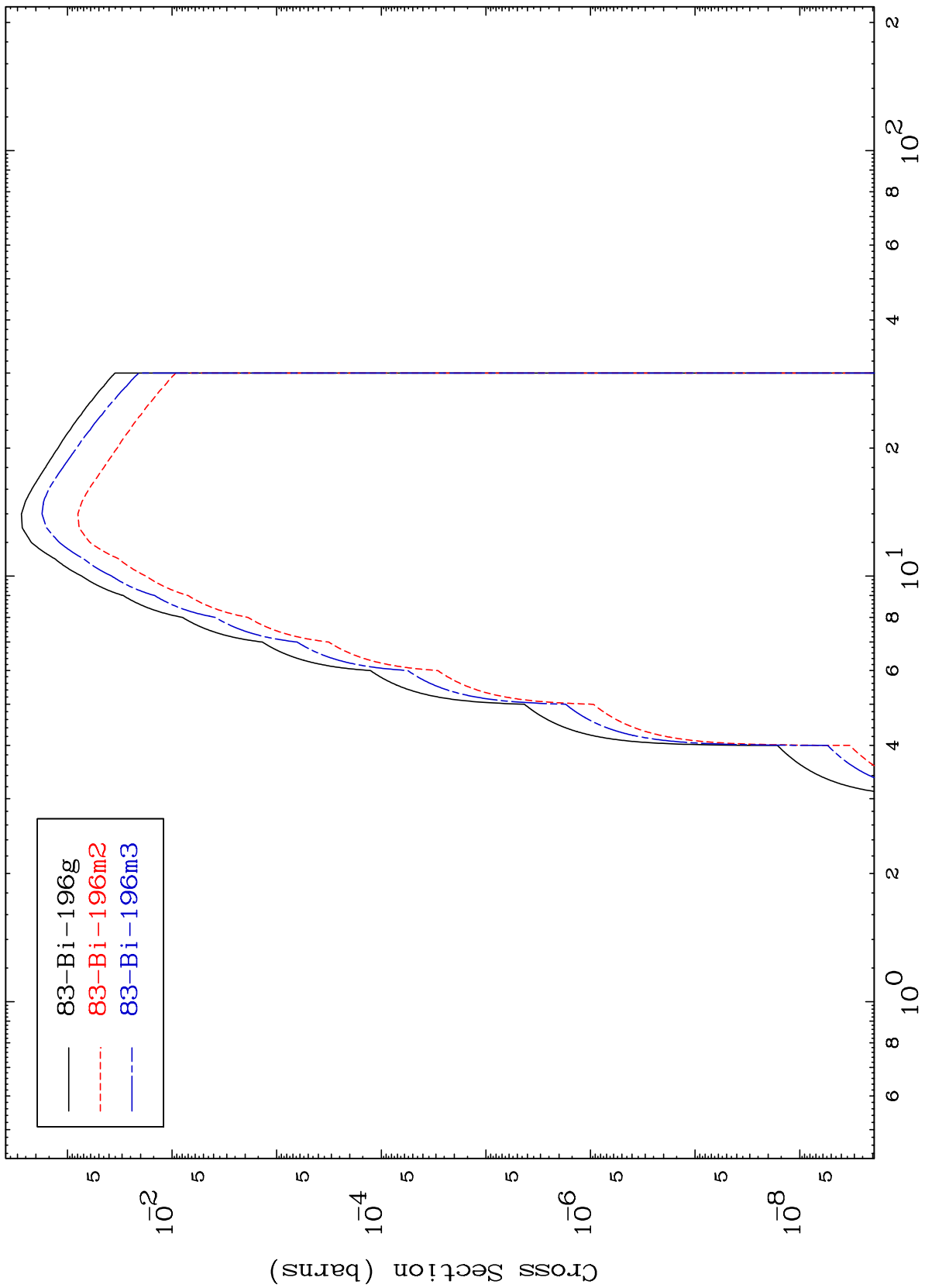
82-Pb-195m



MAT 8199

82-Pb-195m

Inelastic
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-195m

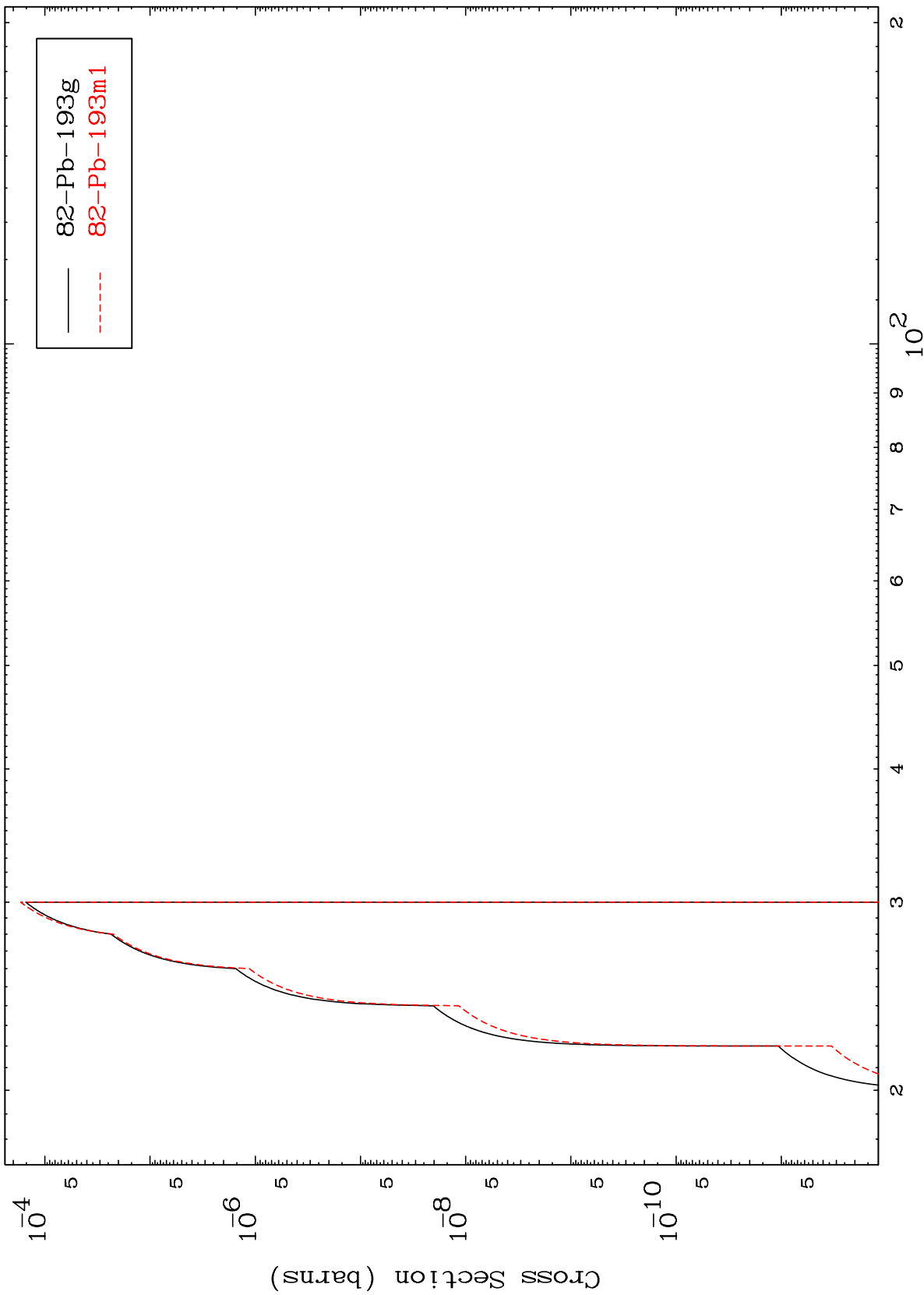
13

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(n,2n) d

82-Pb-195m

Radionuclide Production Cross Section



14

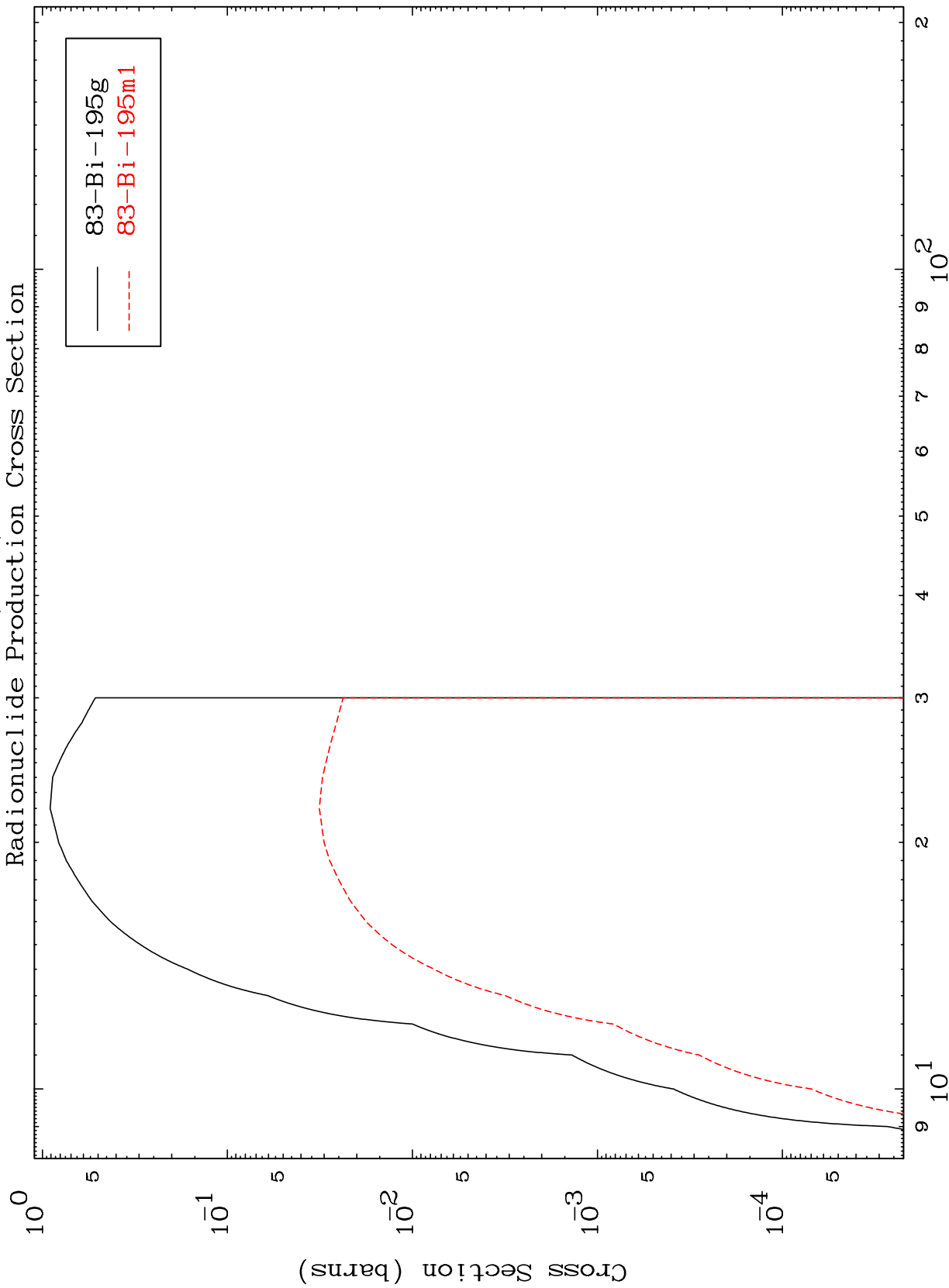
Incident Energy (MeV)

82-Pb-195m

MAT 8199

82-Pb-195m

(n,2n)
Radionuclide Production Cross Section



Incident Energy (MeV)

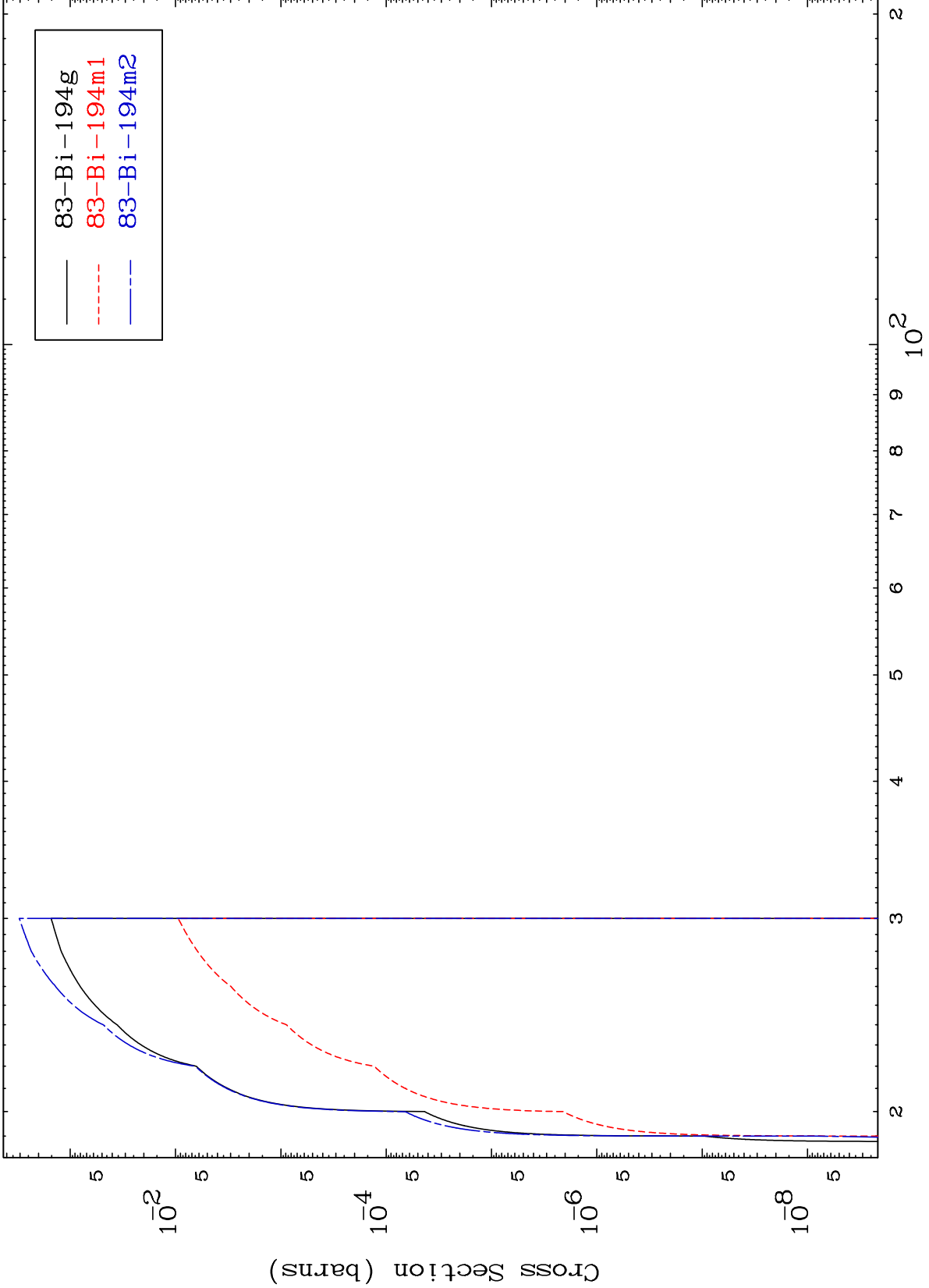
82-Pb-195m

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(n,3n)

82-Pb-195m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

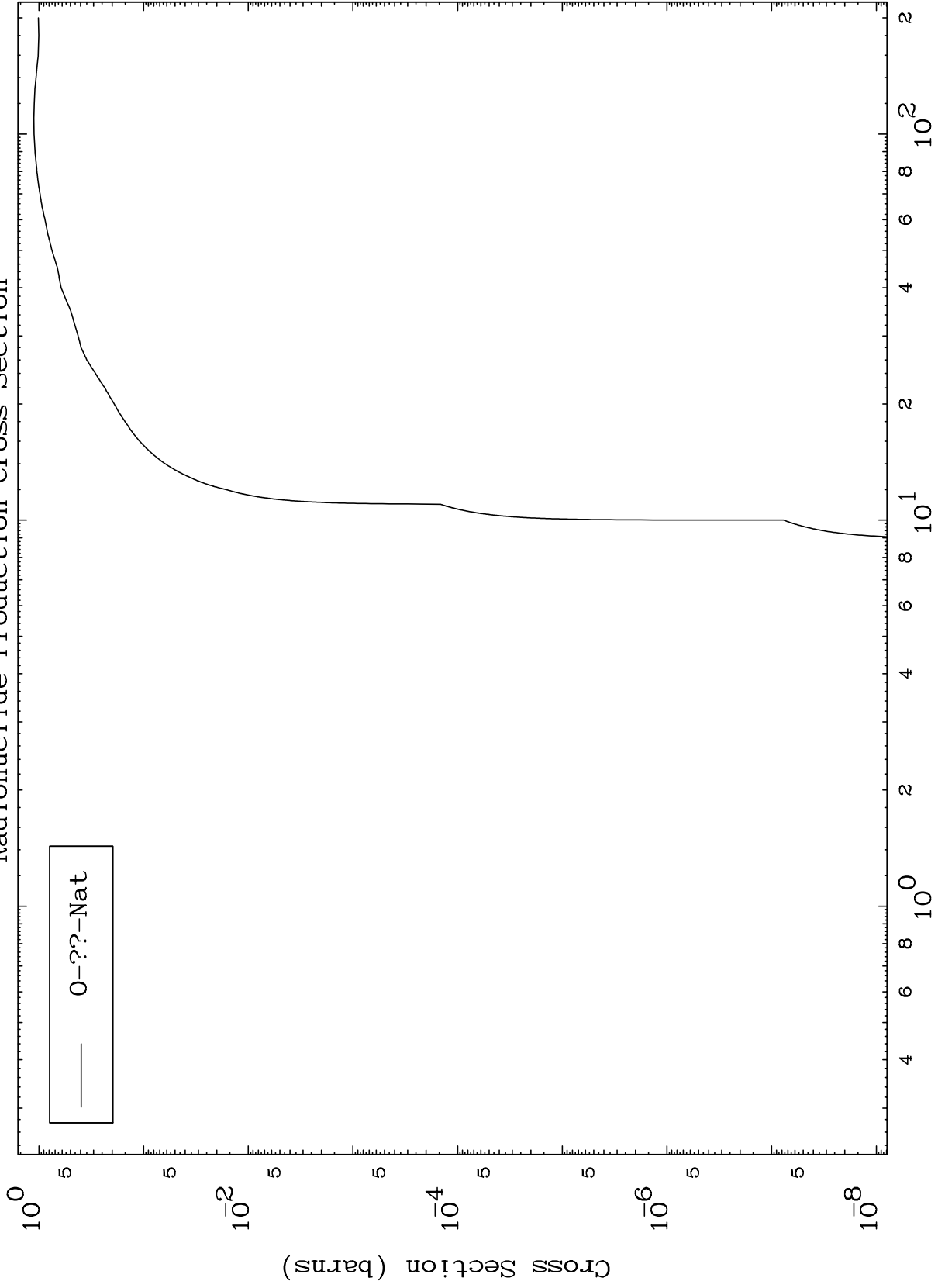
82-Pb-195m

MAT 8199

Fission

⁸²Pb-195m

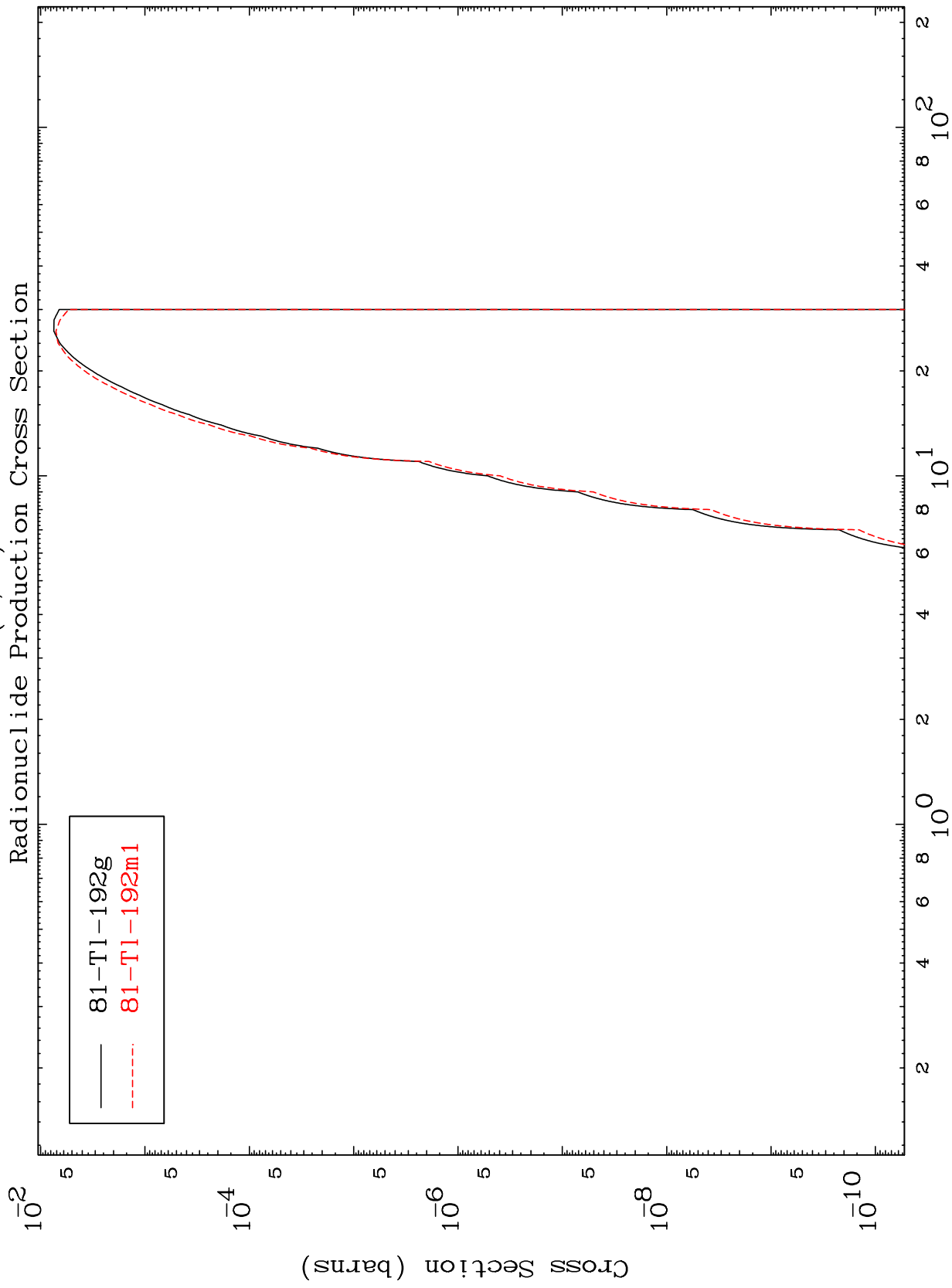
Radionuclide Production Cross Section



MAT 8199

$(n, n') \alpha$

82-Pb-195m

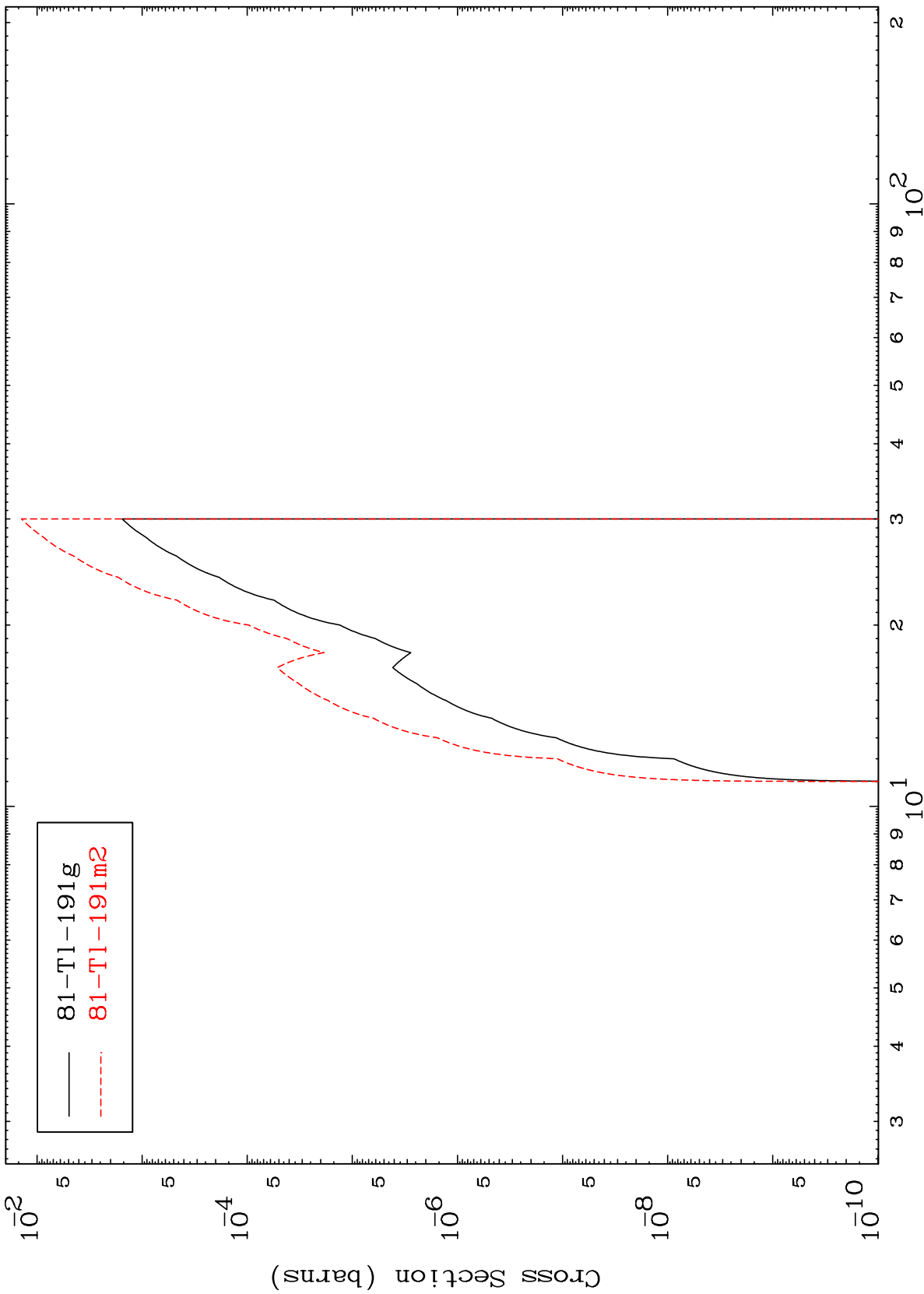


MAT 8199

82-Pb-195m

(n,2n) α

Radionuclide Production Cross Section



19

Incident Energy (MeV)

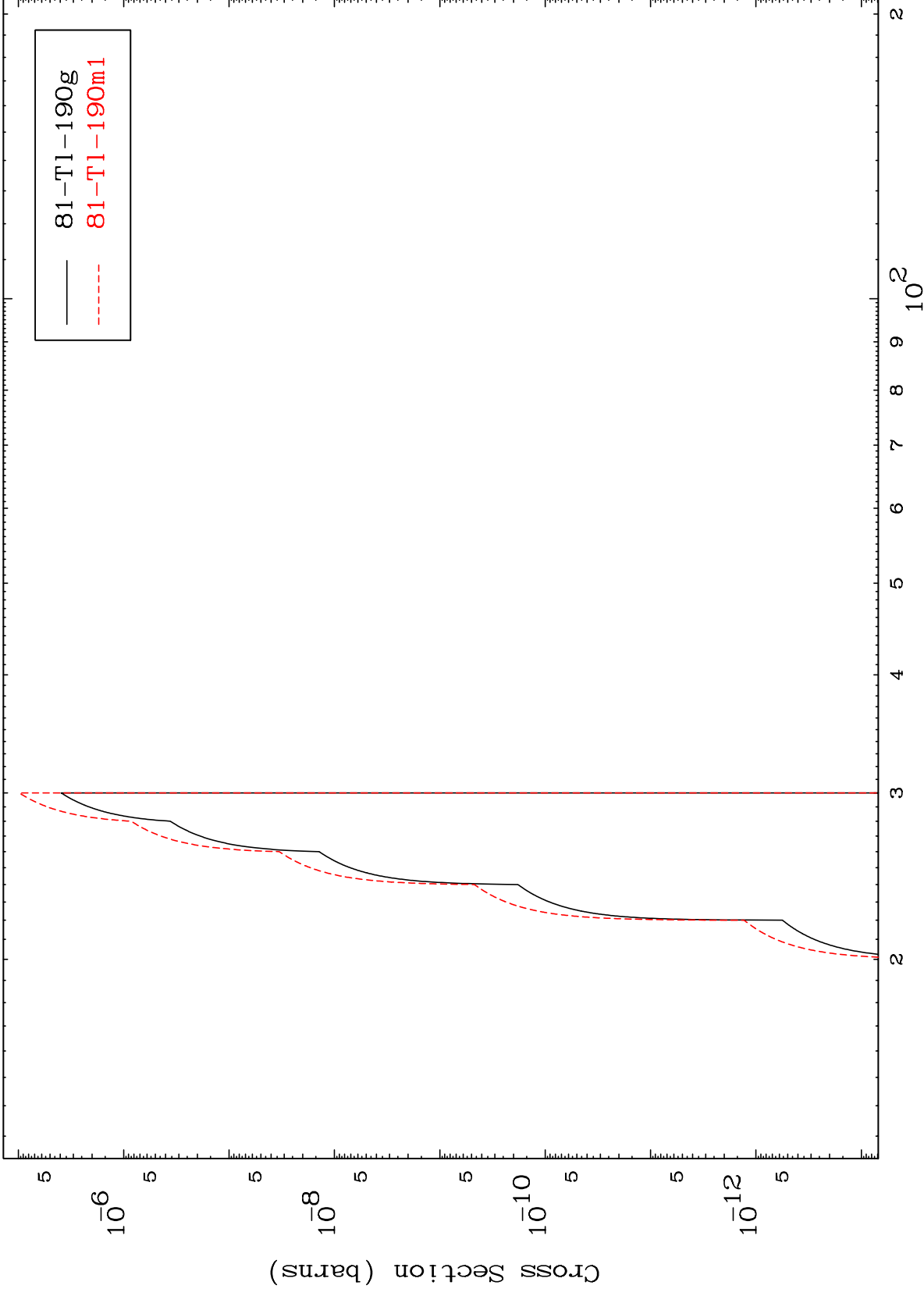
82-Pb-195m

MAT 8199

$(n,3n) \alpha$

82-Pb-195m

Radionuclide Production Cross Section



81-Tl-190g
81-Tl-190m1

20

Incident Energy (MeV)

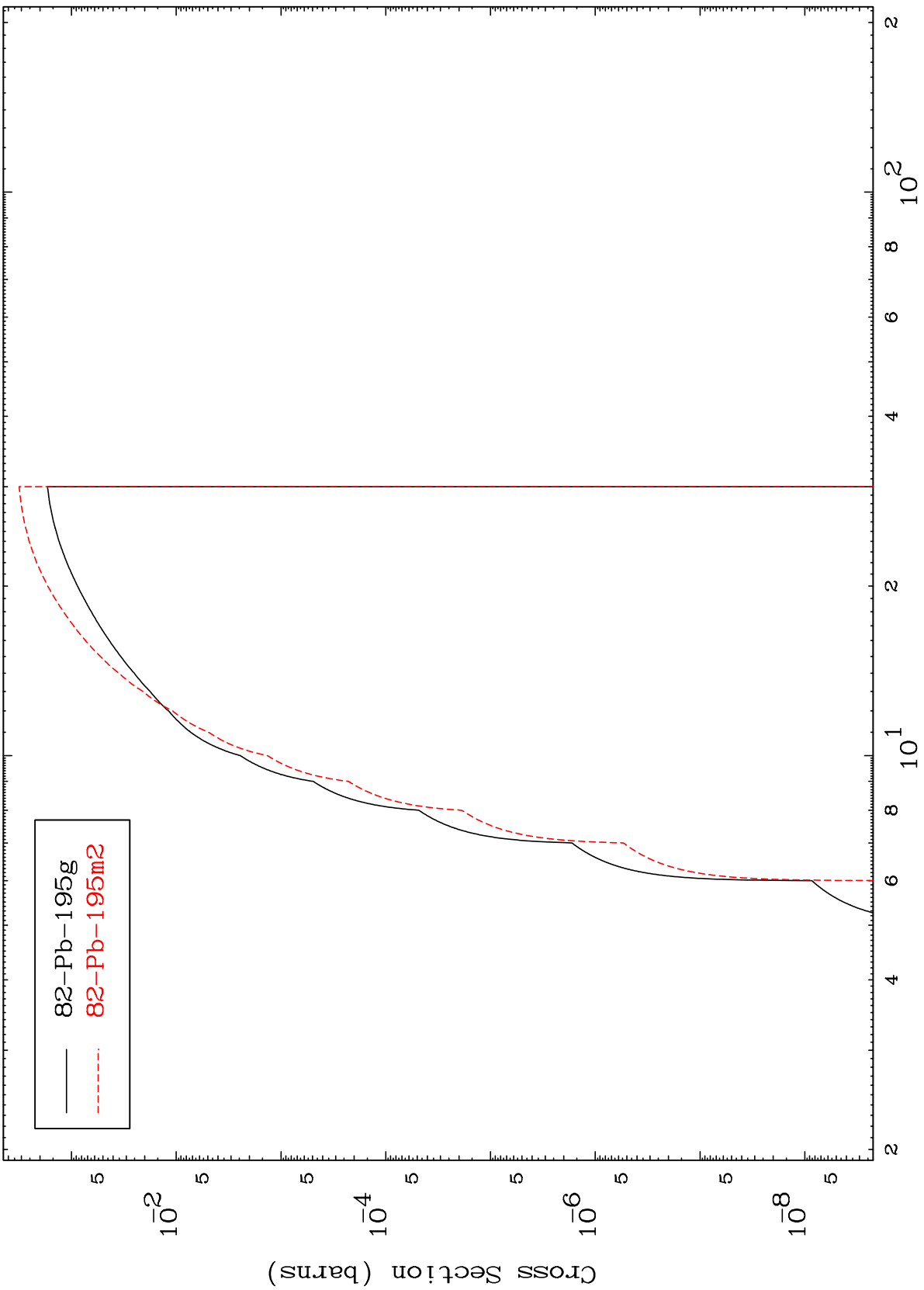
82-Pb-195m

MAT 8199

(n,n') p

82-Pb-195m

Radionuclide Production Cross Section



21

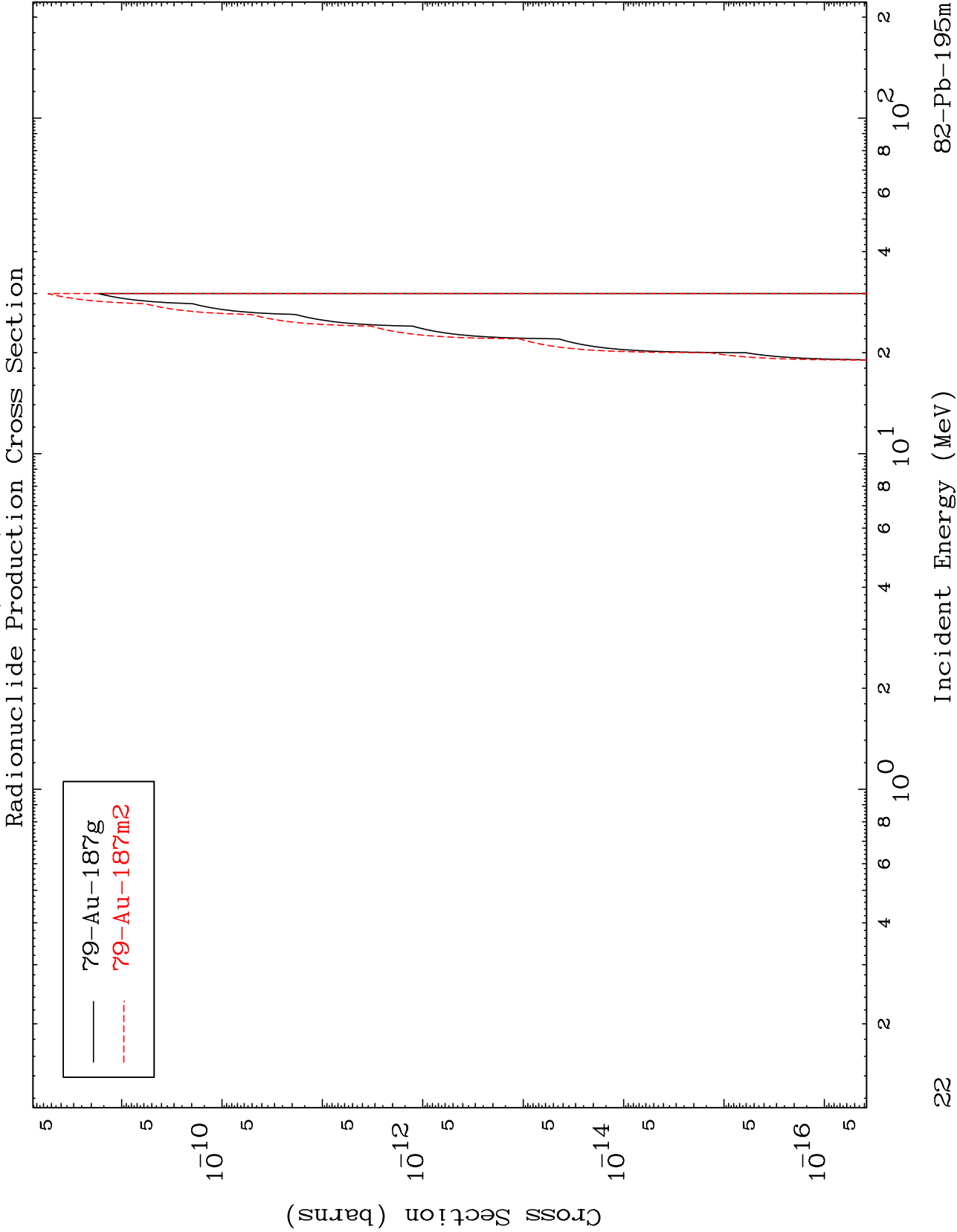
Incident Energy (MeV)

82-Pb-195m

MAT 8199

$(n,2n) 2\alpha$

$^{82}\text{Pb-195m}$

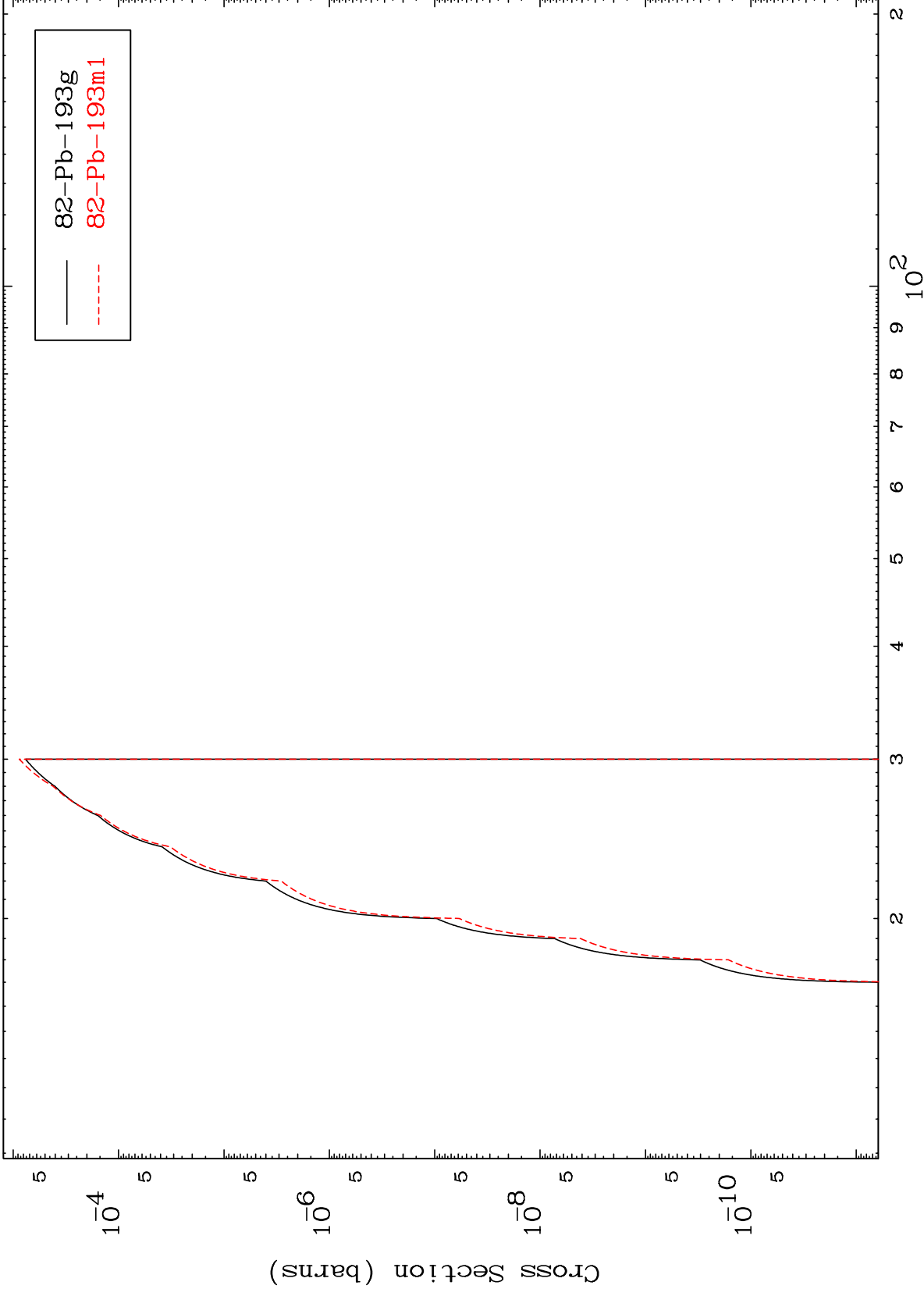


MAT 8199

(n,n') t

82-Pb-195m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

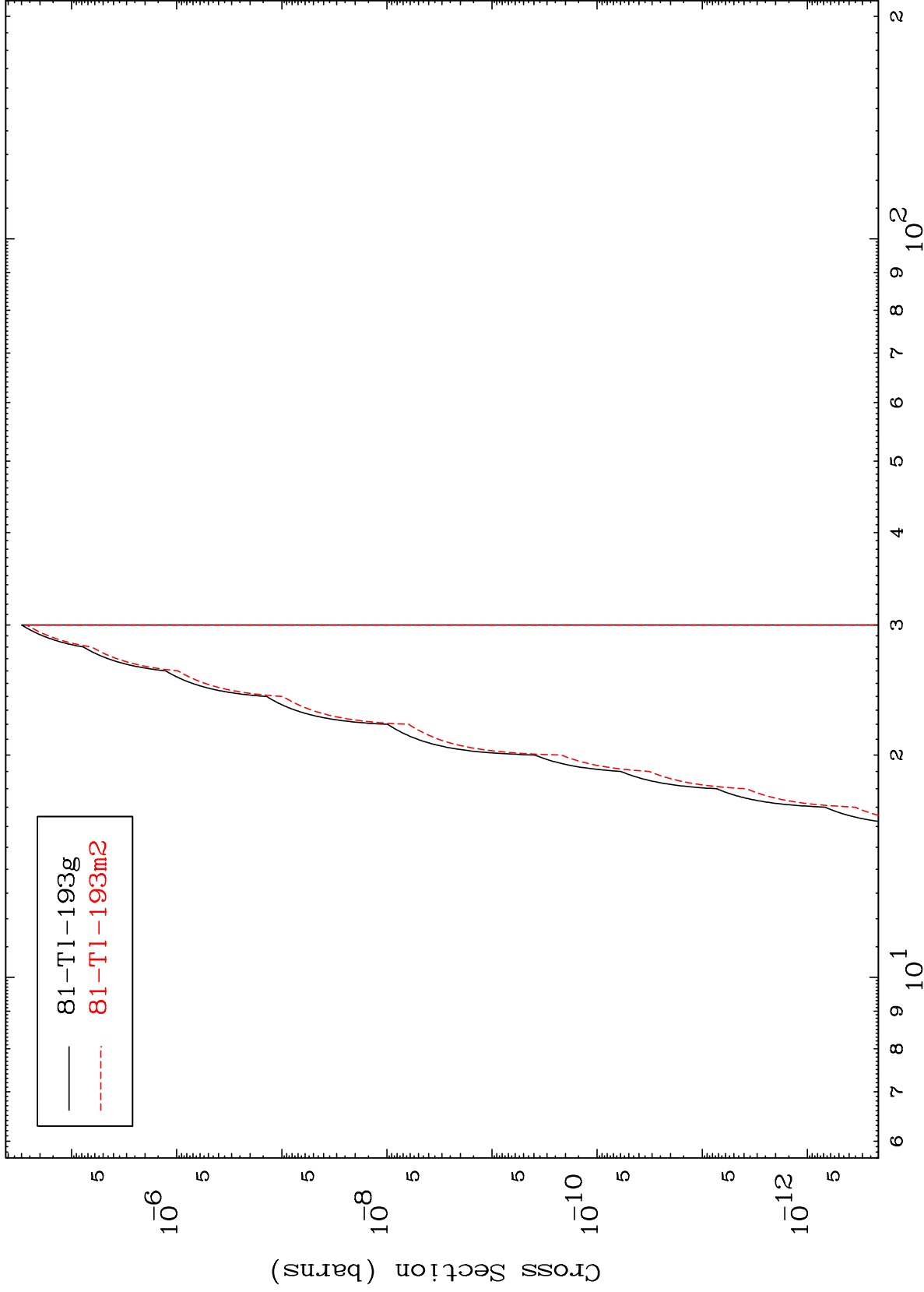
82-Pb-195m

MAT 8199

(n,n') He-3

82-Pb-195m

Radionuclide Production Cross Section



24

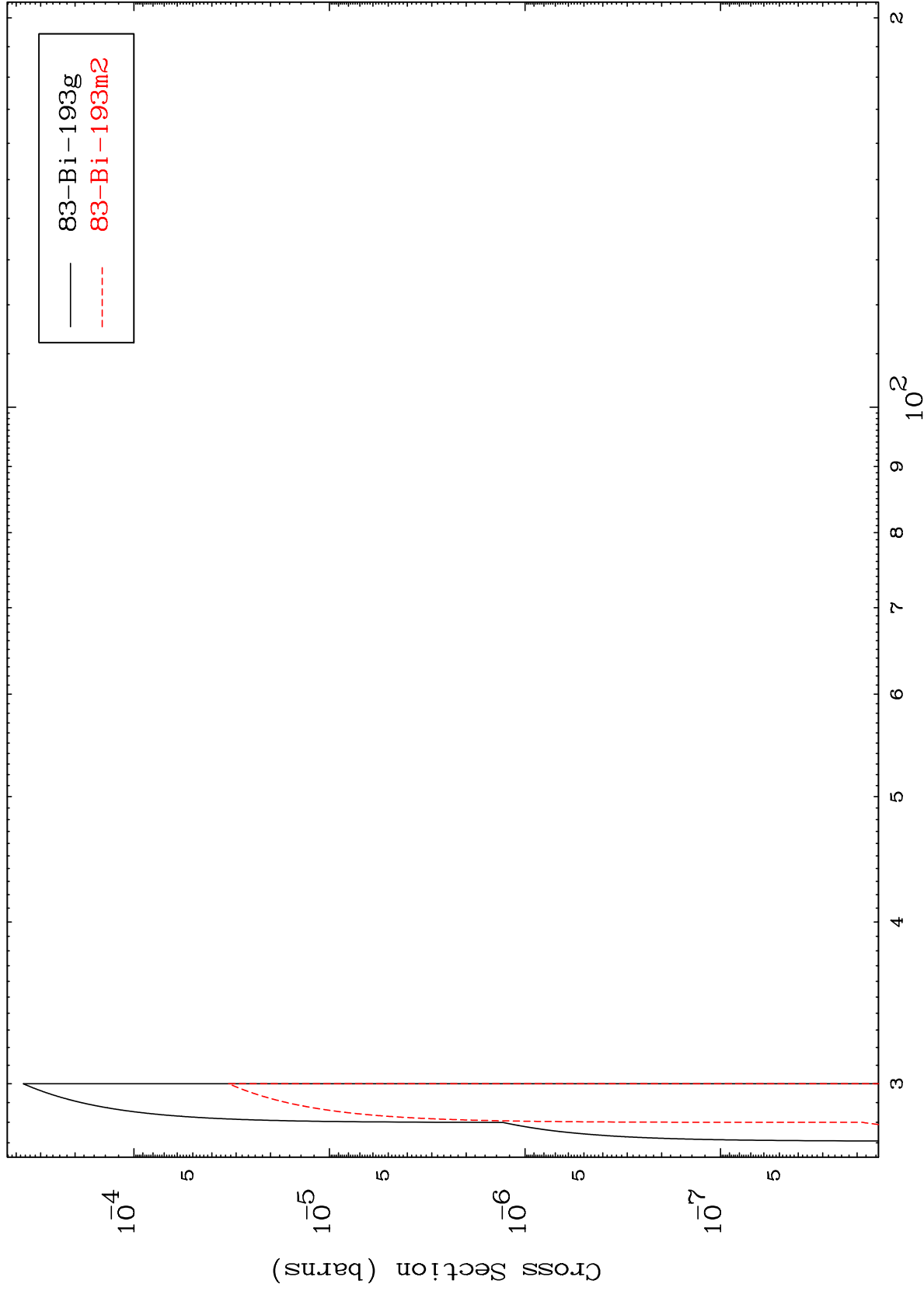
Incident Energy (MeV)

82-Pb-195m

MAT 8199

82-Pb-195m

(n,4n)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

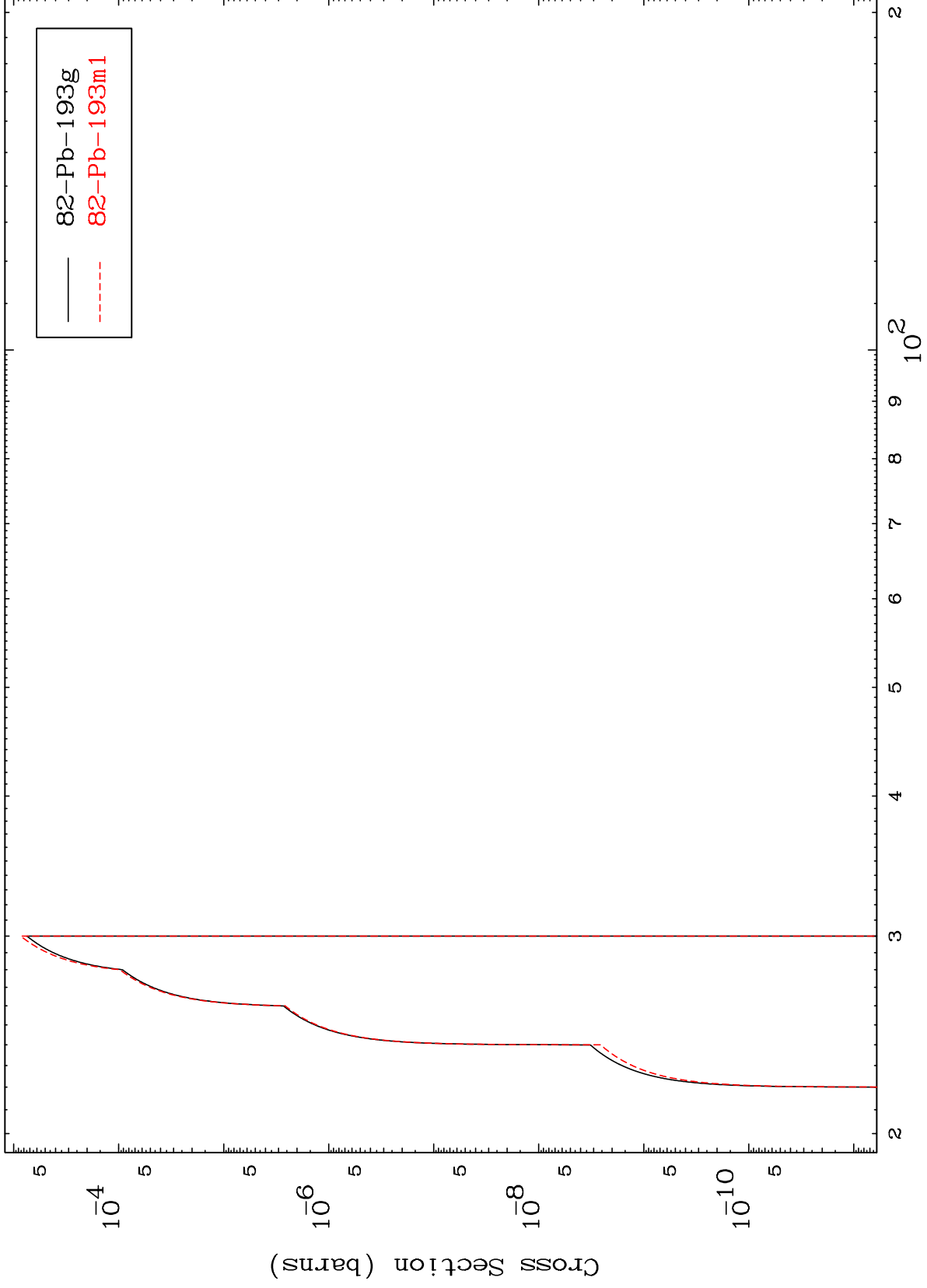
82-Pb-195m

MAT 8199

(n,3n) p

82-Pb-195m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

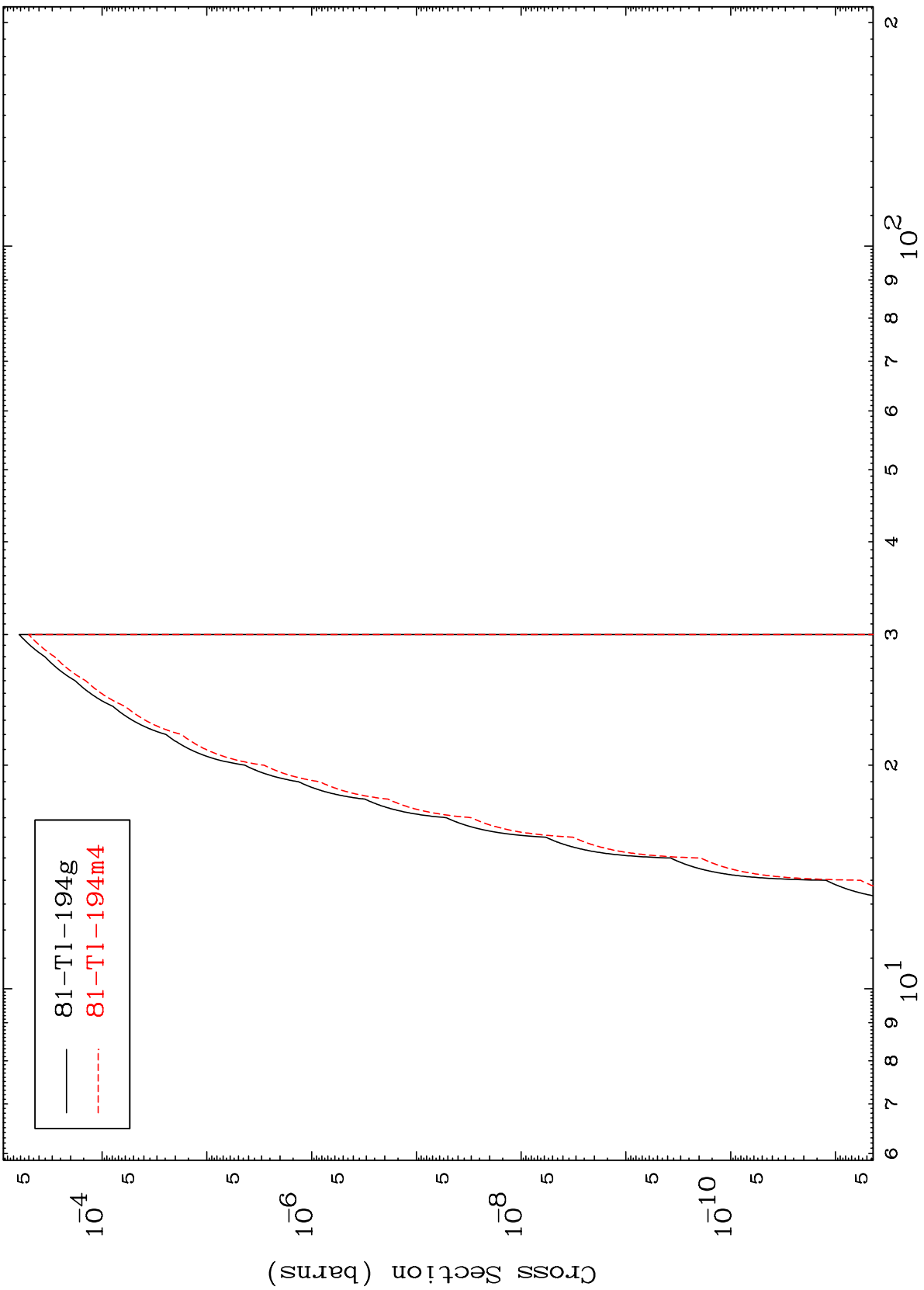
82-Pb-195m

MAT 8199

(n,2n) p

82-Pb-195m

Radionuclide Production Cross Section



27

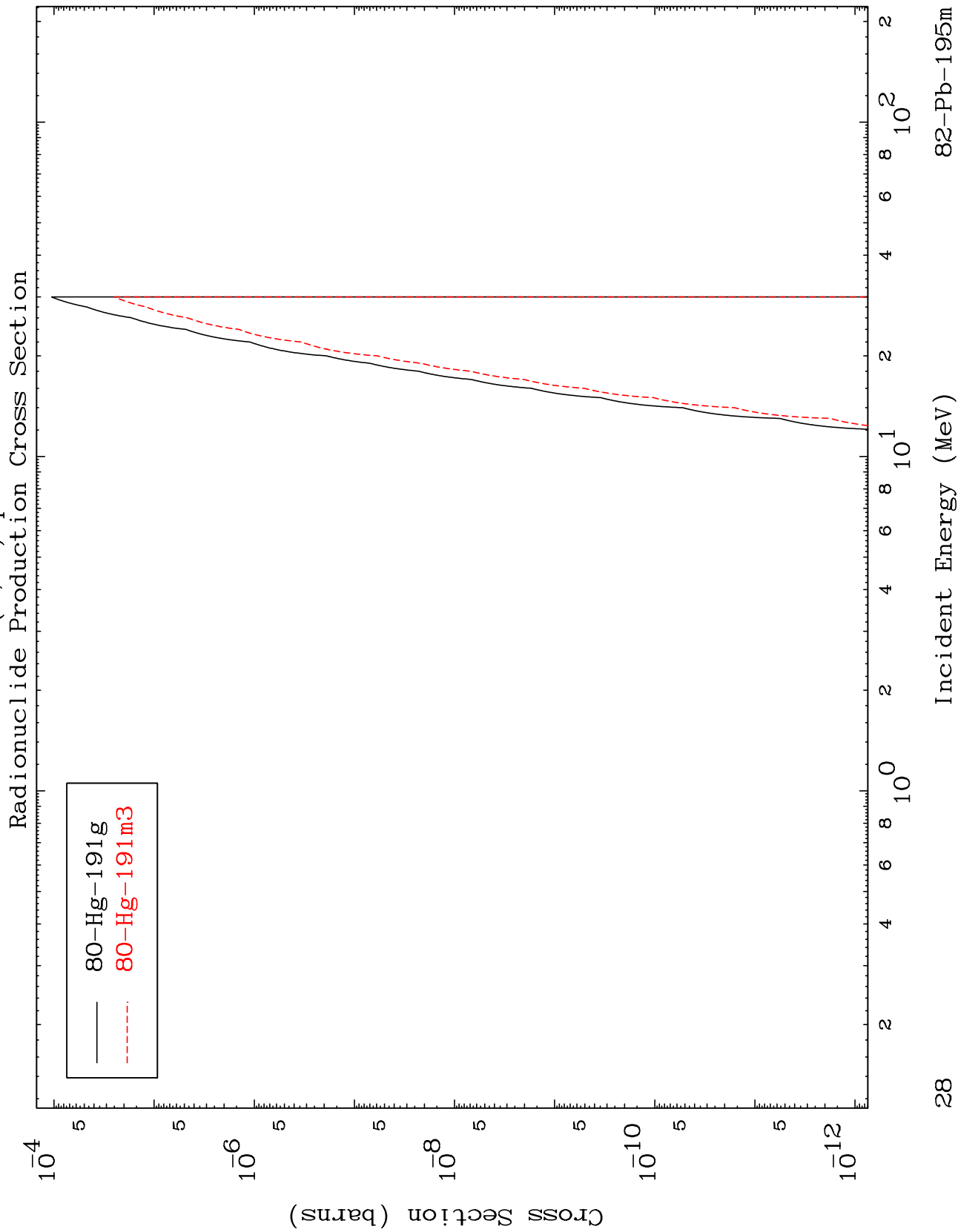
Incident Energy (MeV)

82-Pb-195m

MAT 8199

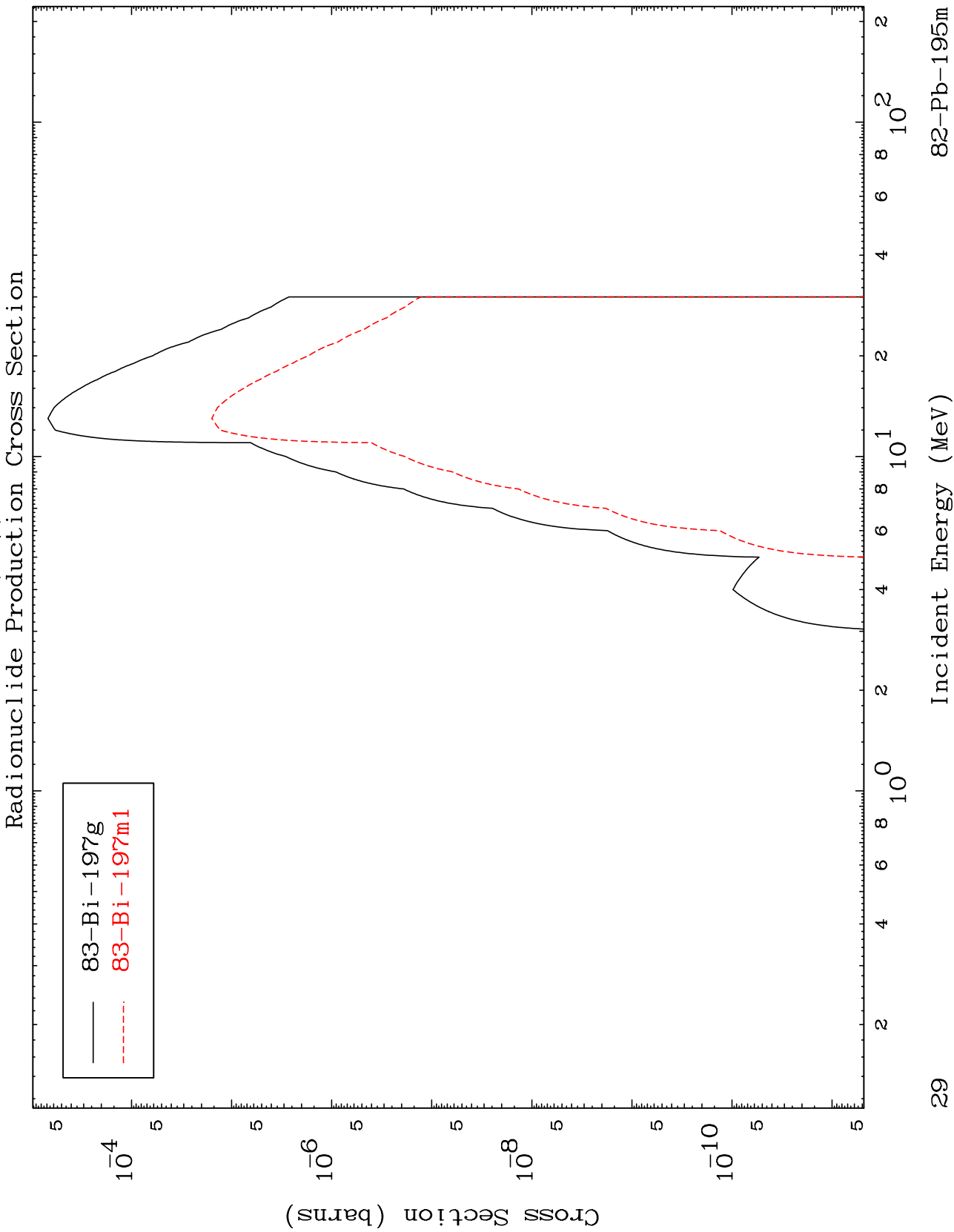
(n,n') p α

82-Pb-195m



MAT 8199

82-Pb-195m



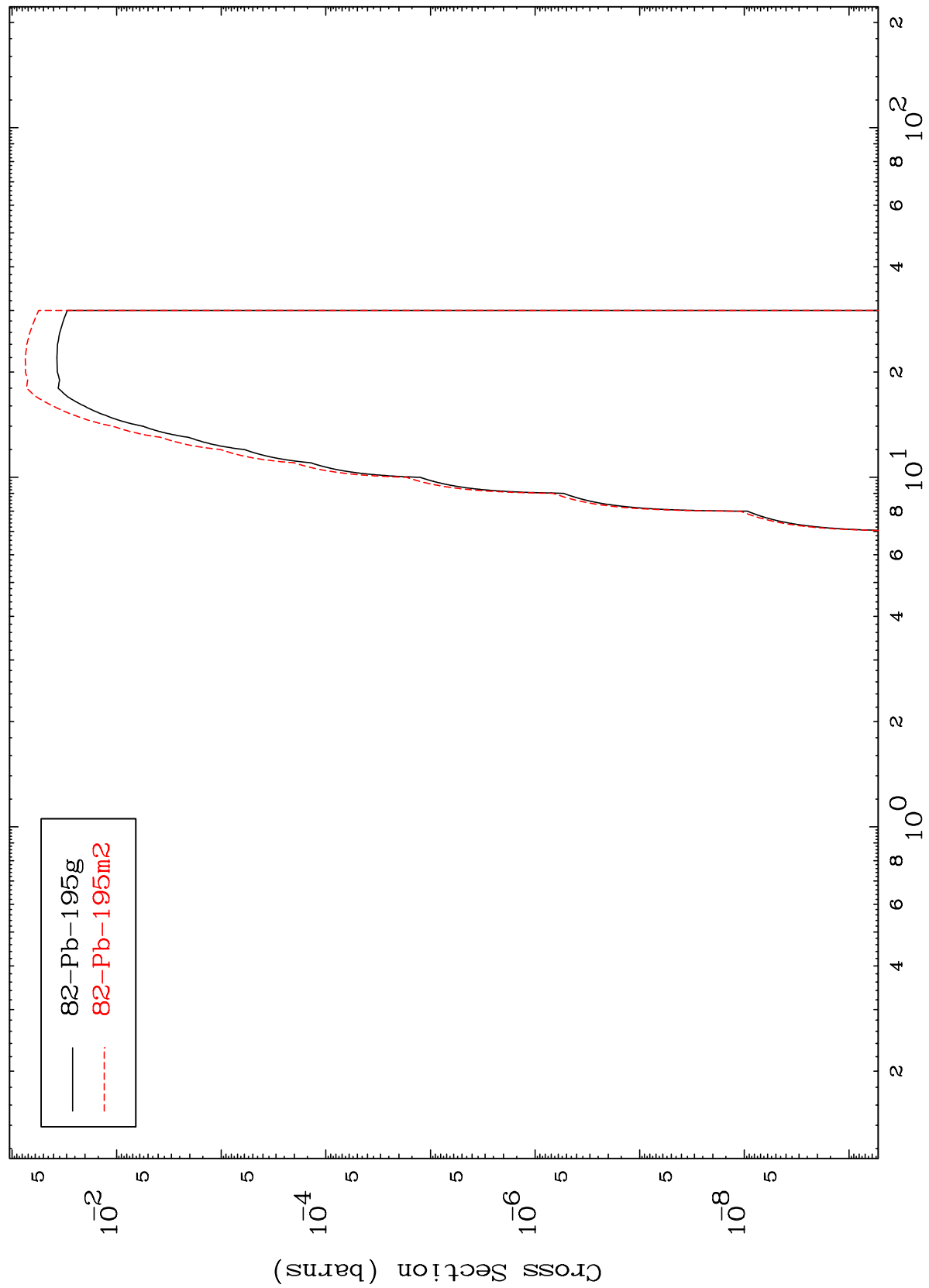
— 83-Bi-197g
- - - 83-Bi-197m1

MAT 8199

(n,d)

82-Pb-195m

Radionuclide Production Cross Section



82-Pb-195g
82-Pb-195m2

Incident Energy (MeV)

82-Pb-195m

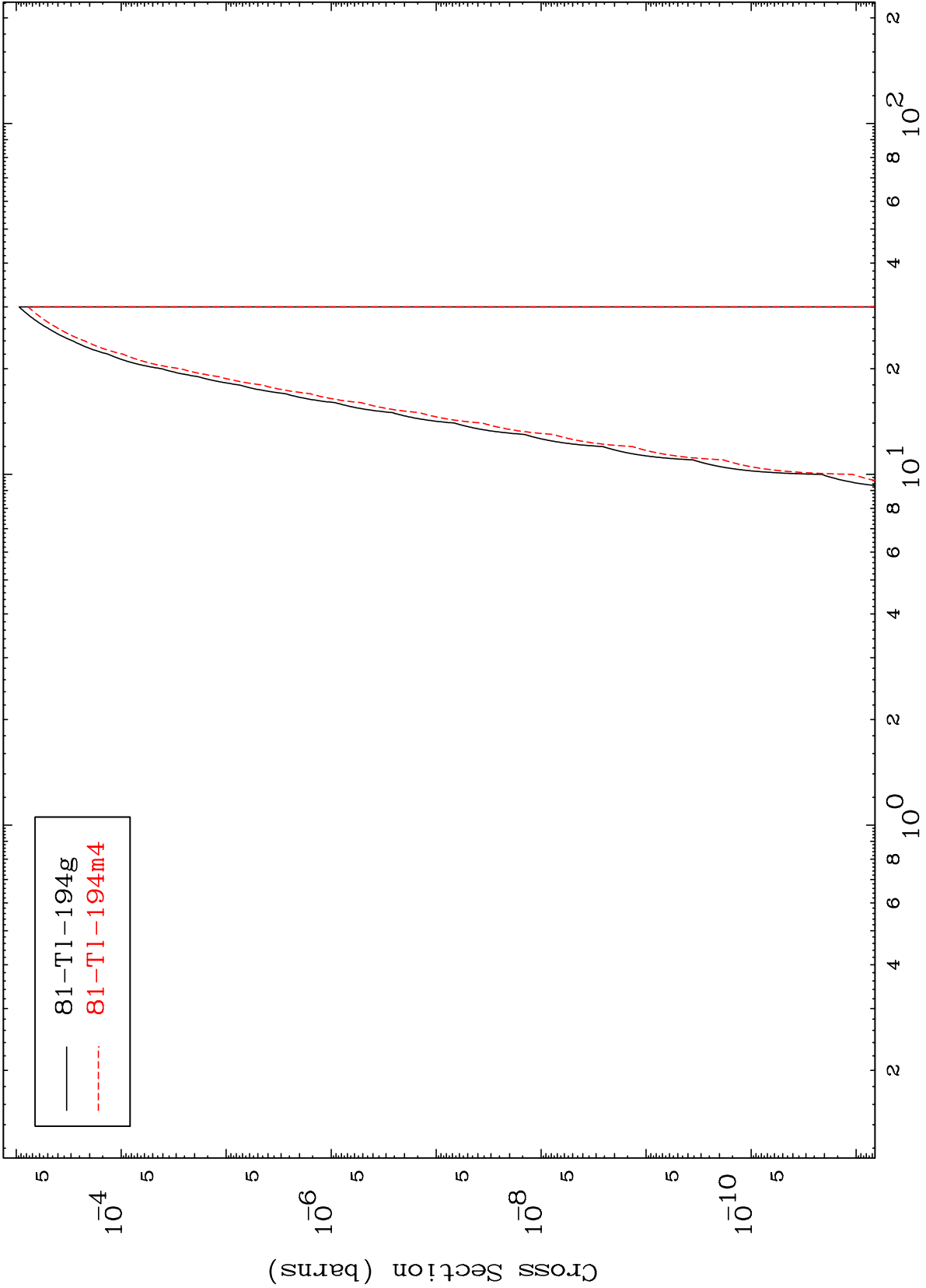
30

MAT 8199

(n,He-3)

82-Pb-195m

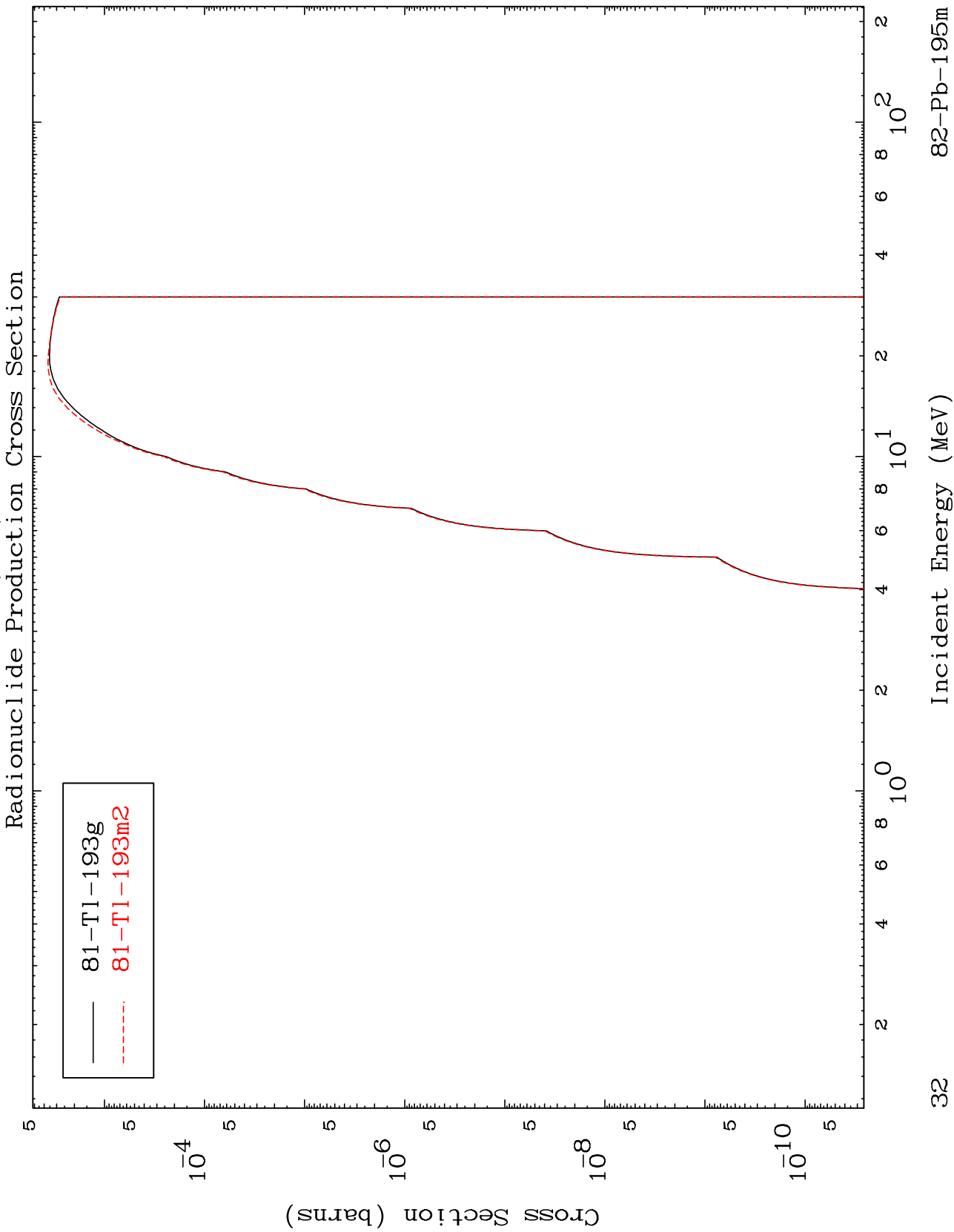
Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m4

MAT 8199

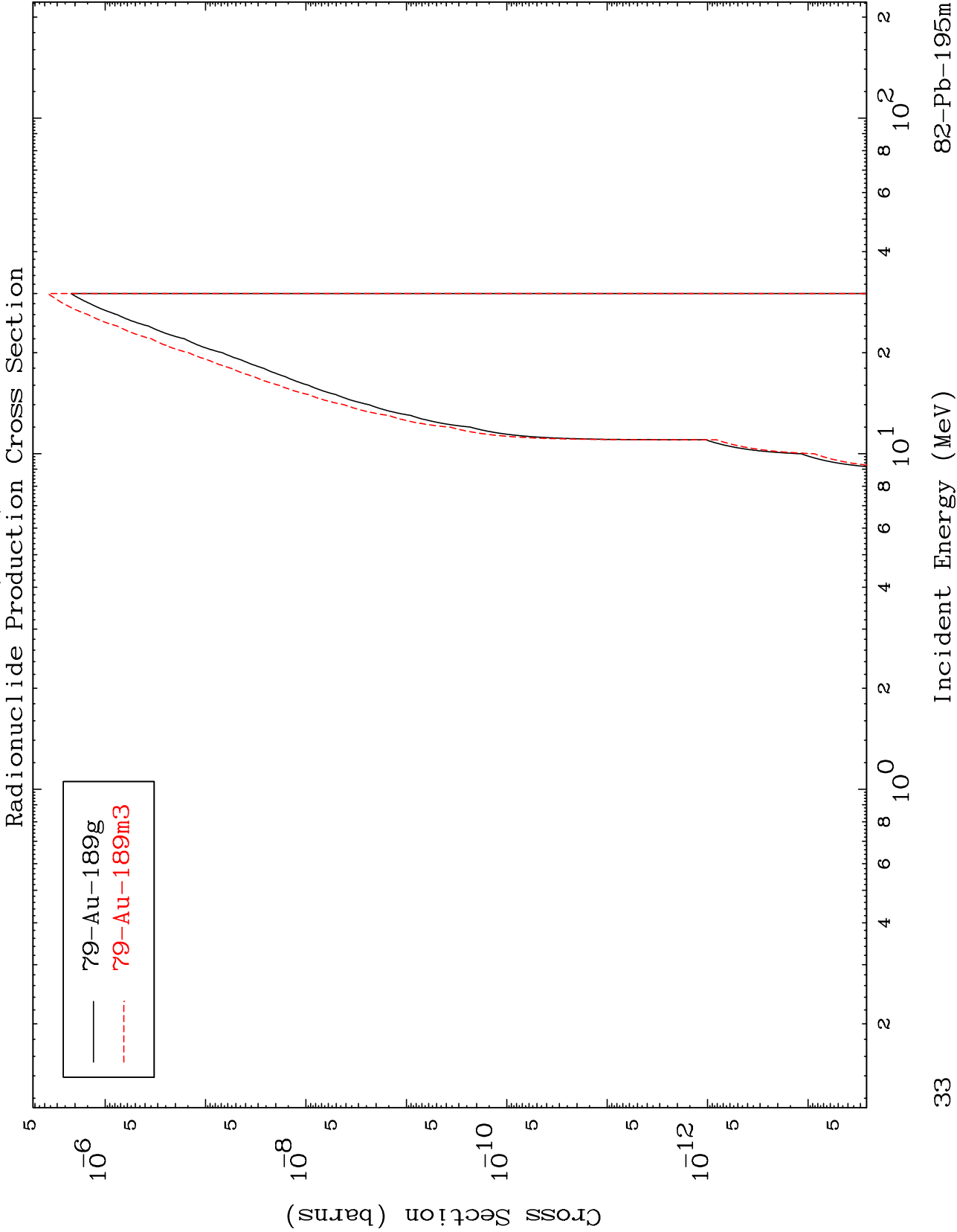
82-Pb-195m



MAT 8199

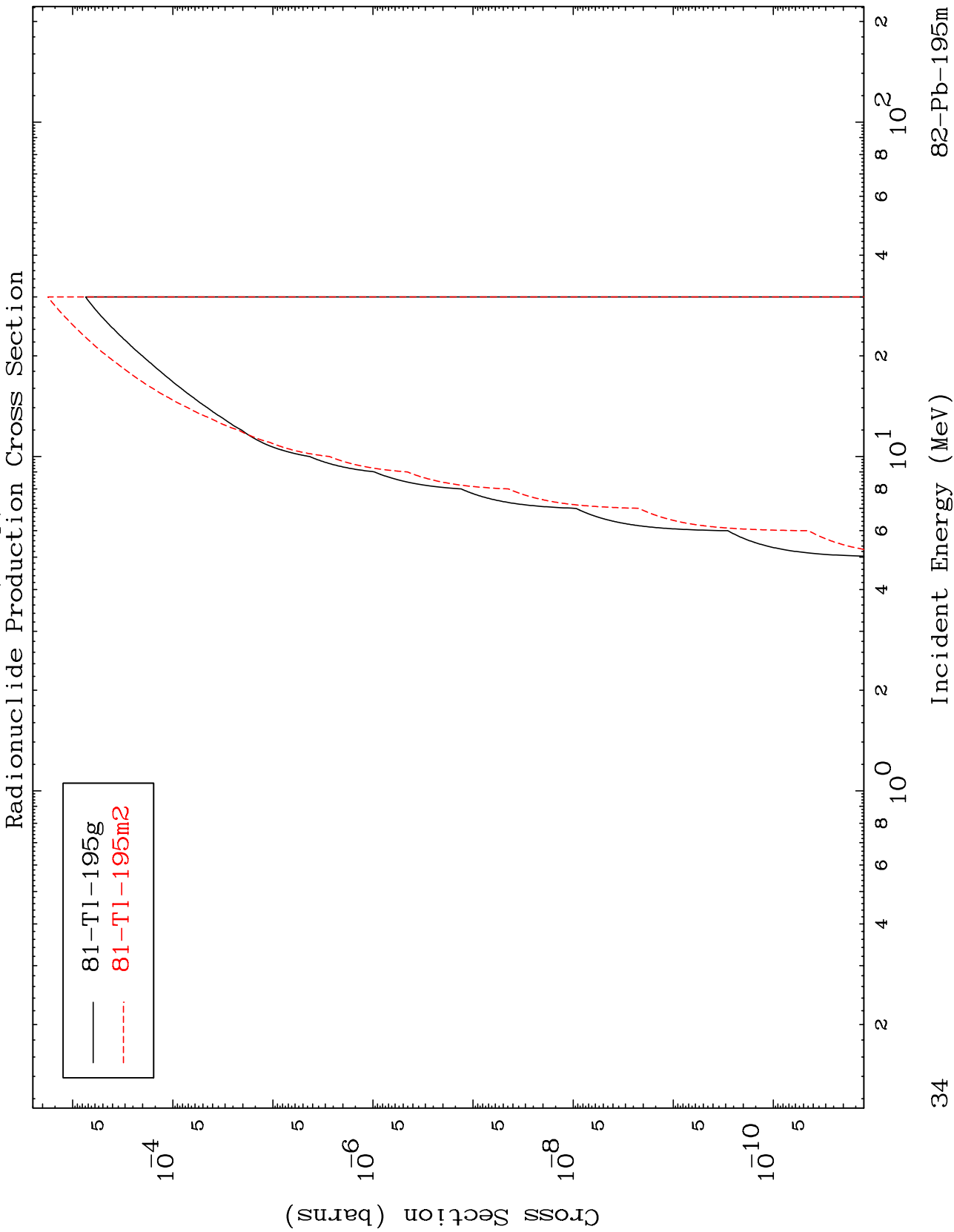
(n,2α)

82-Pb-195m



MAT 8199

⁸²Pb-195m

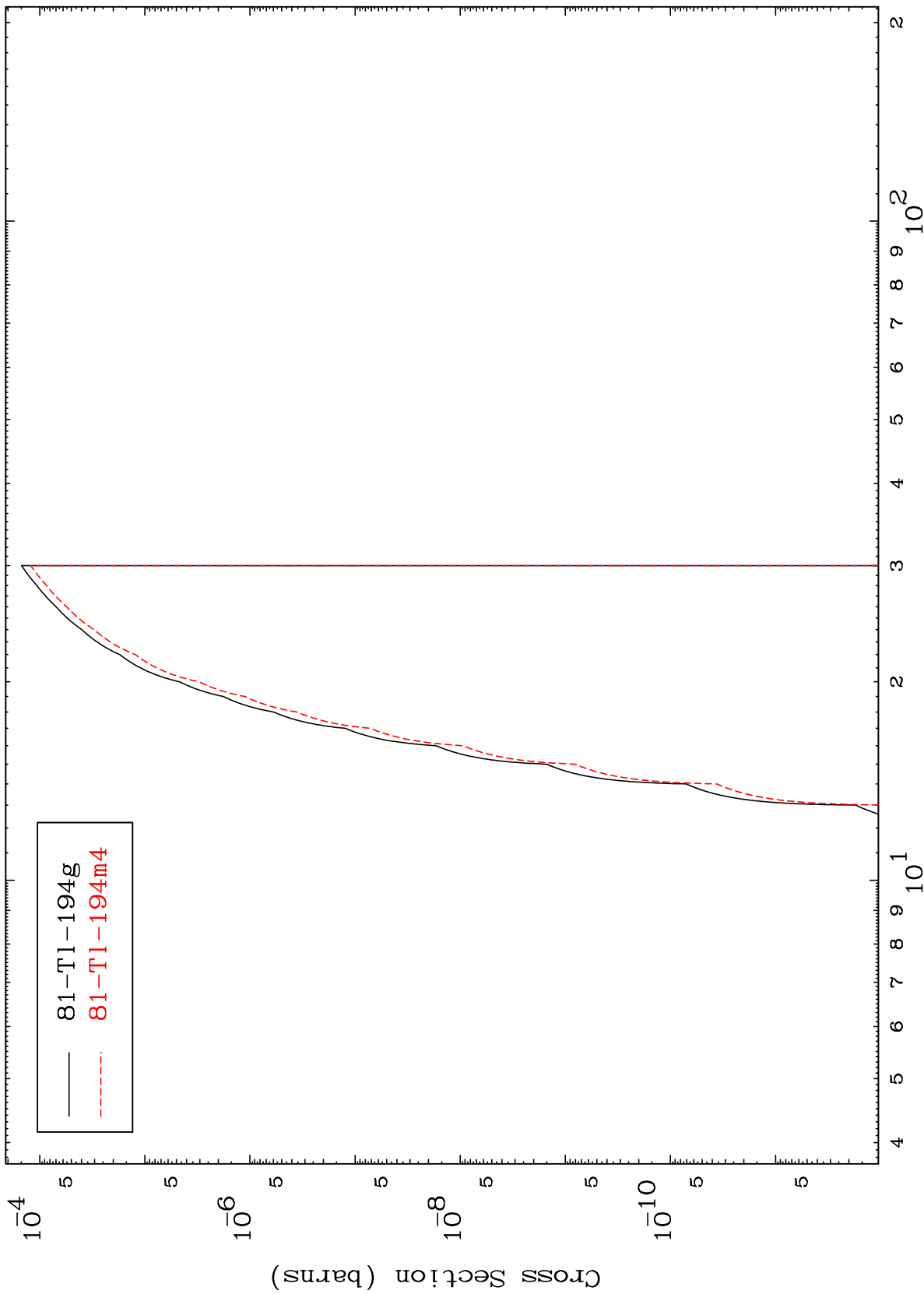


MAT 8199

(n,p) d

82-Pb-195m

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m4

35

Incident Energy (MeV)

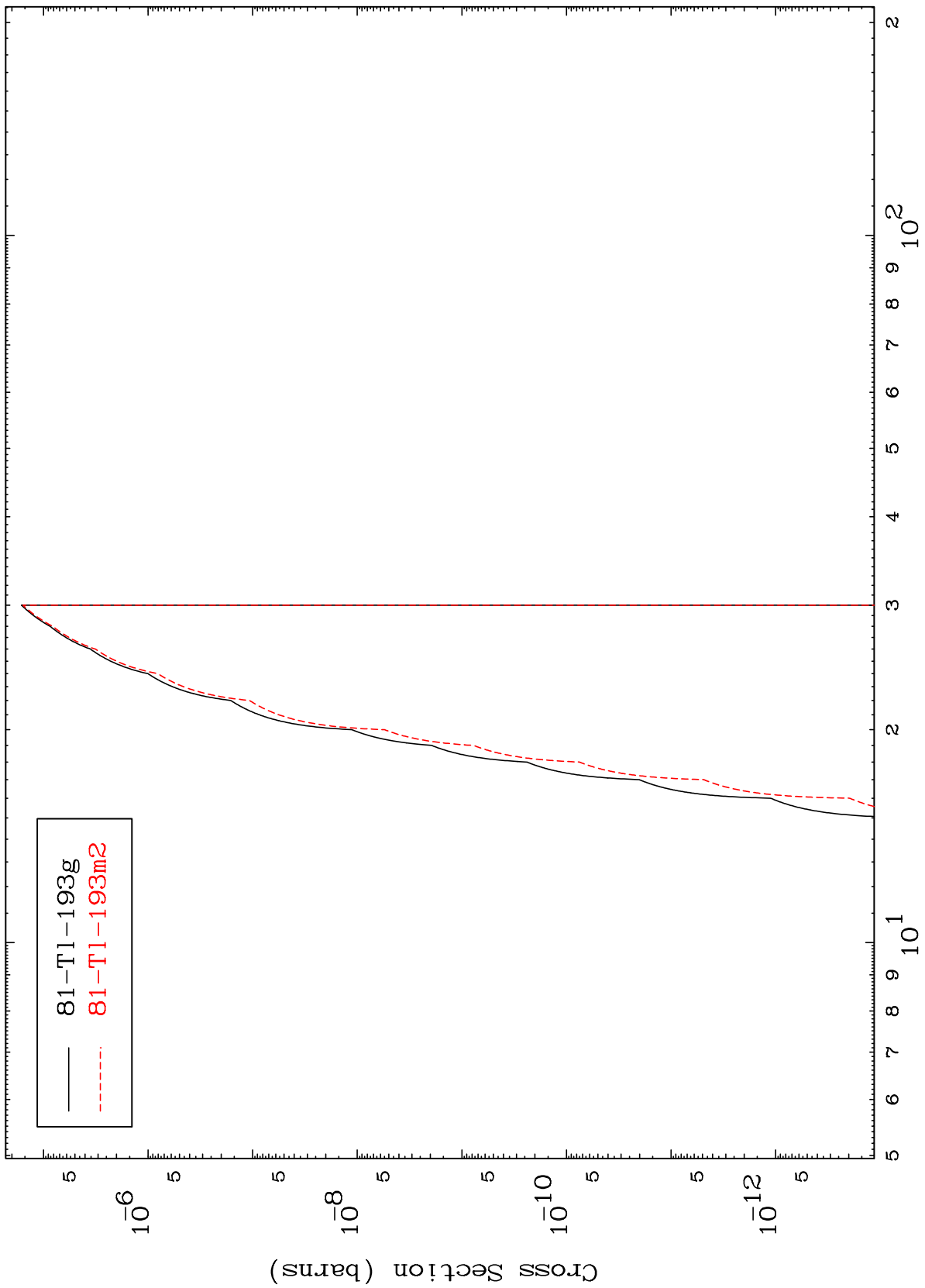
82-Pb-195m

MAT 8199

(n,p) t

82-Pb-195m

Radionuclide Production Cross Section



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

36

Incident Energy (MeV)

82-Pb-195m

MAT 8199

(n,d) α

$^{82}\text{Pb-195m}$

