

Program EVALPLOT
(Version 2021-1)

by

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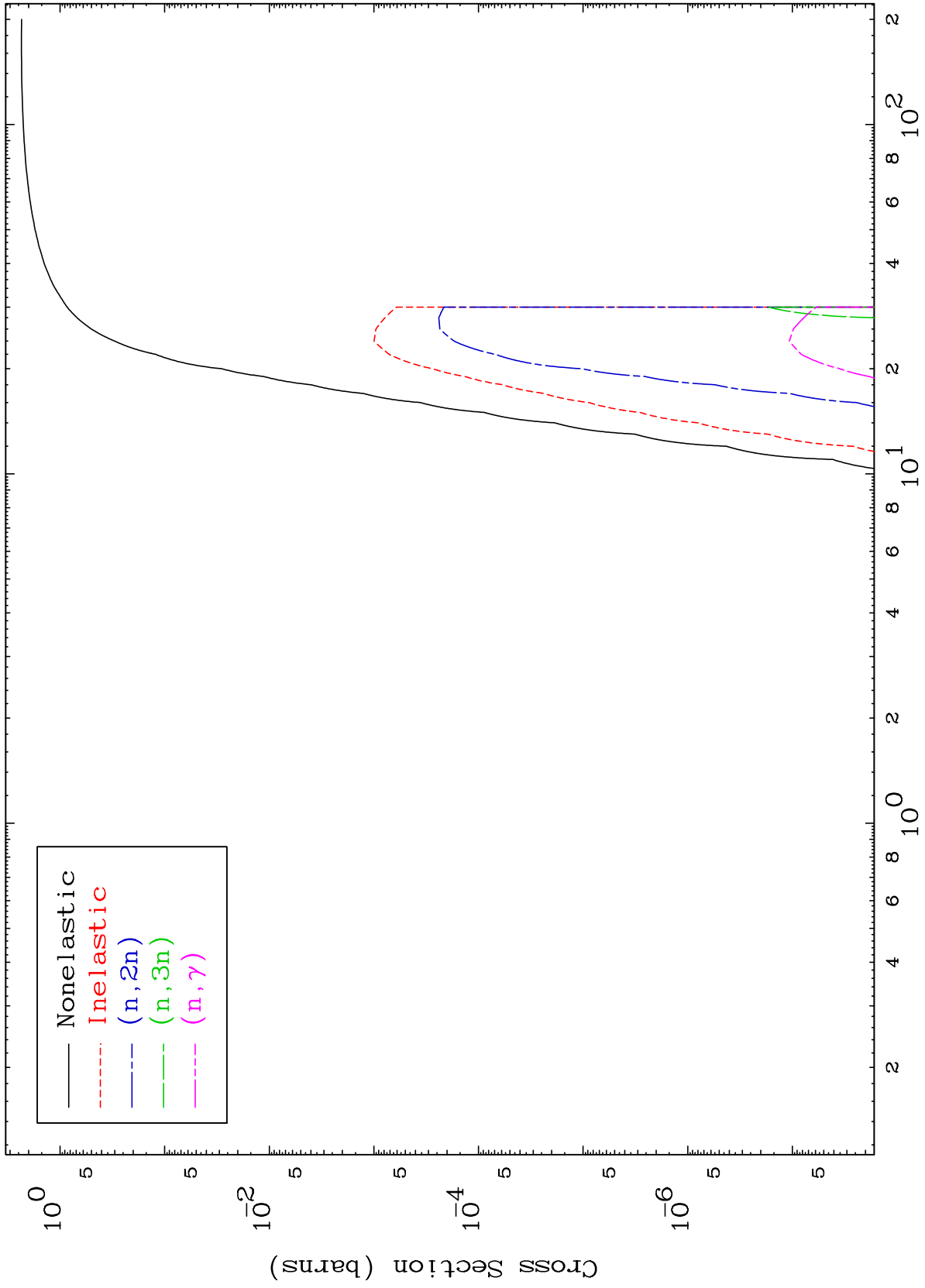
Press Mouse Button to Start

MAT 8187

He-3 Major

82-Pb-191m

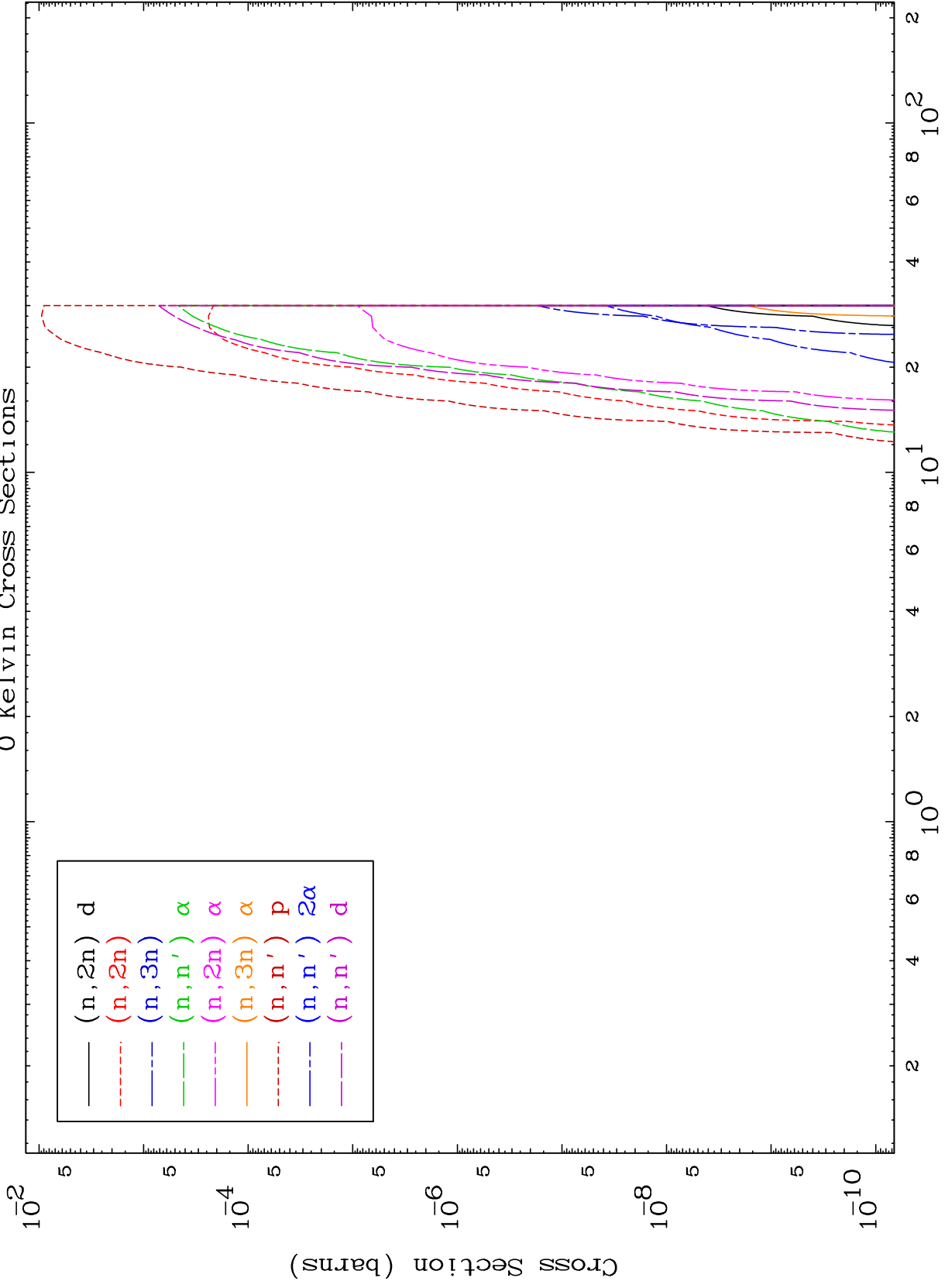
0 Kelvin Cross Sections



MAT 8187

He-3 Neutron Absorption
0 Kelvin Cross Sections

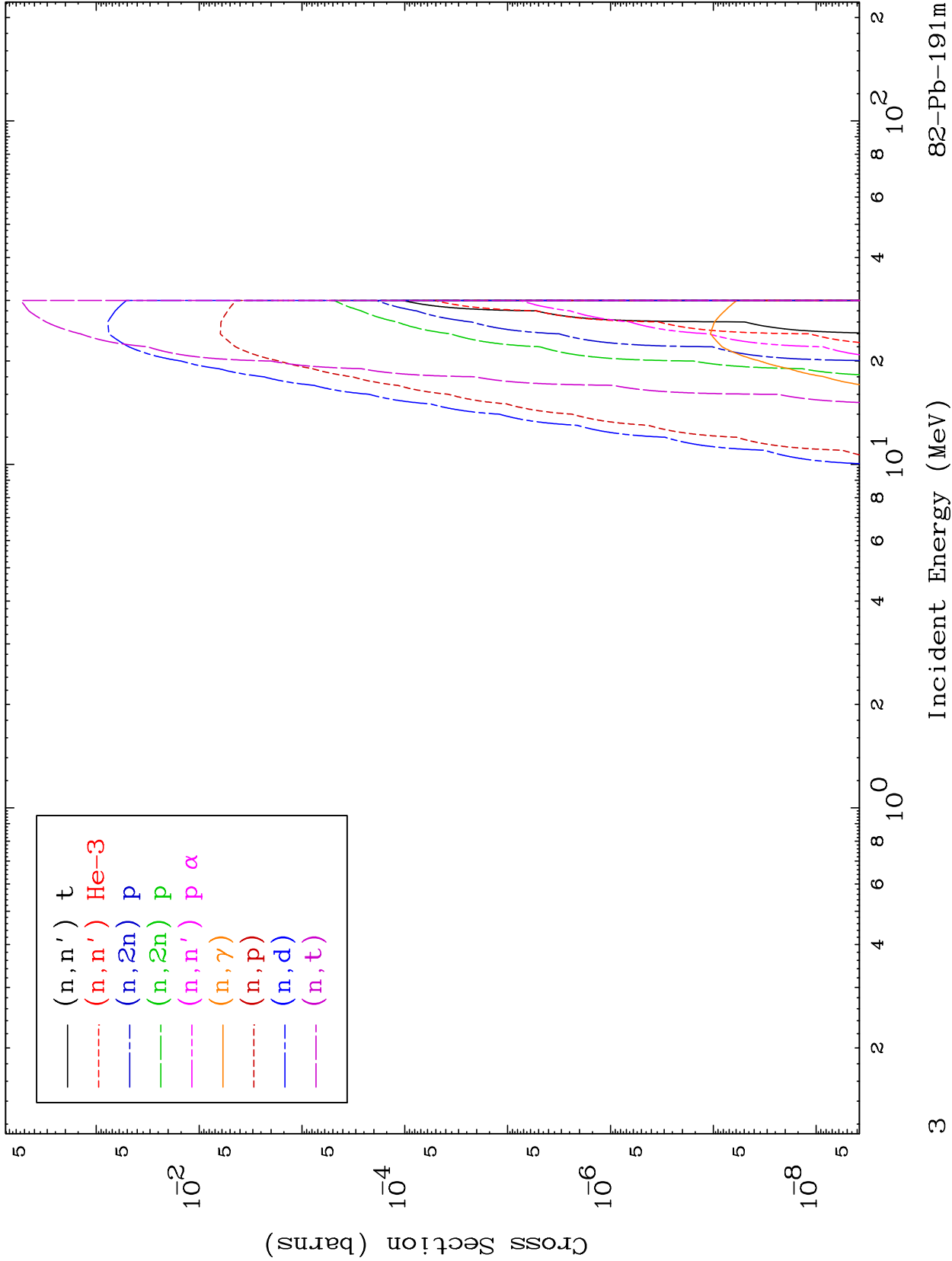
82-Pb-191m



MAT 8187

He-3 Neutron Absorption
0 Kelvin Cross Sections

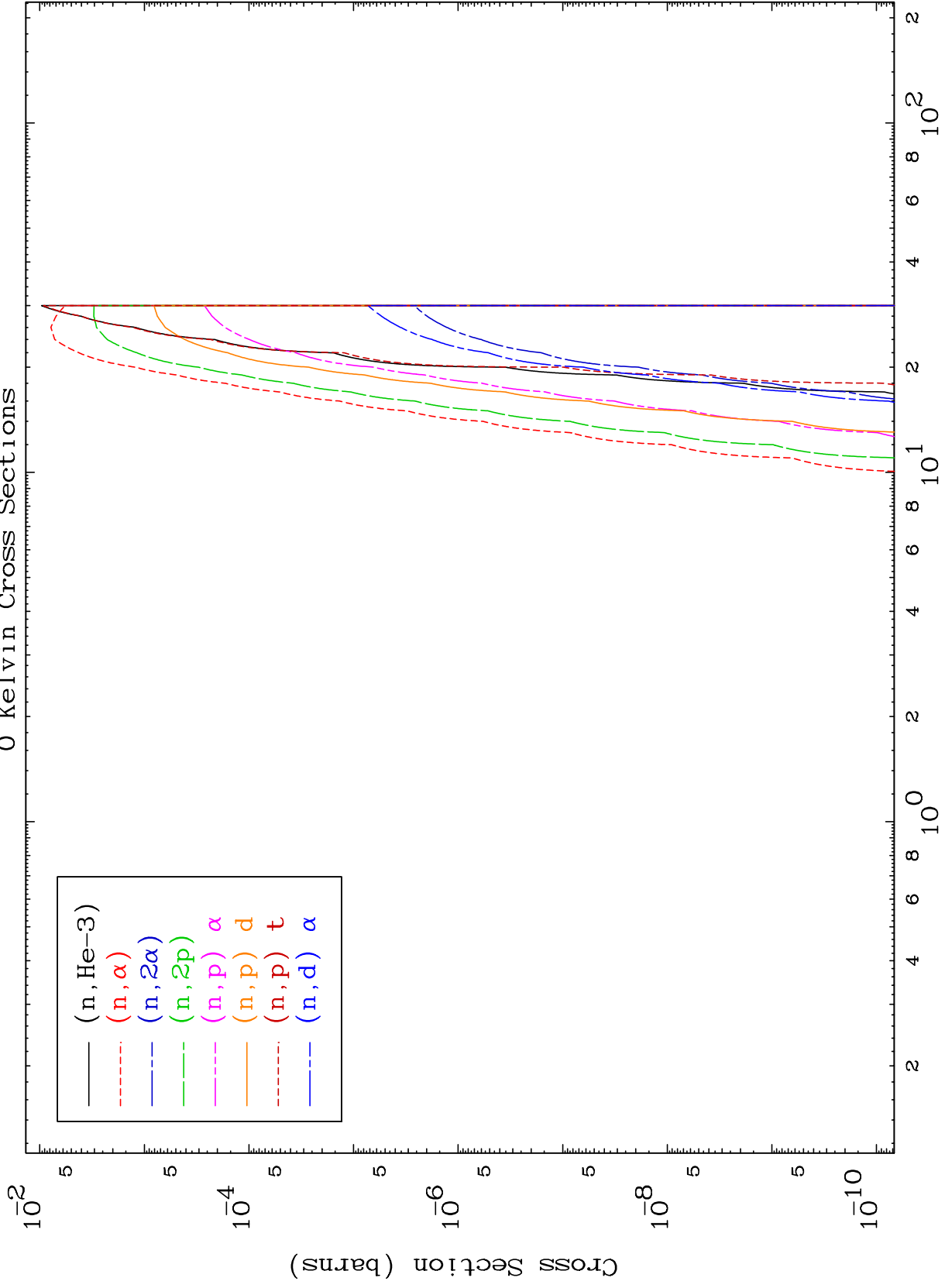
82-Pb-191m



MAT 8187

He-3 Neutron Absorption
0 Kelvin Cross Sections

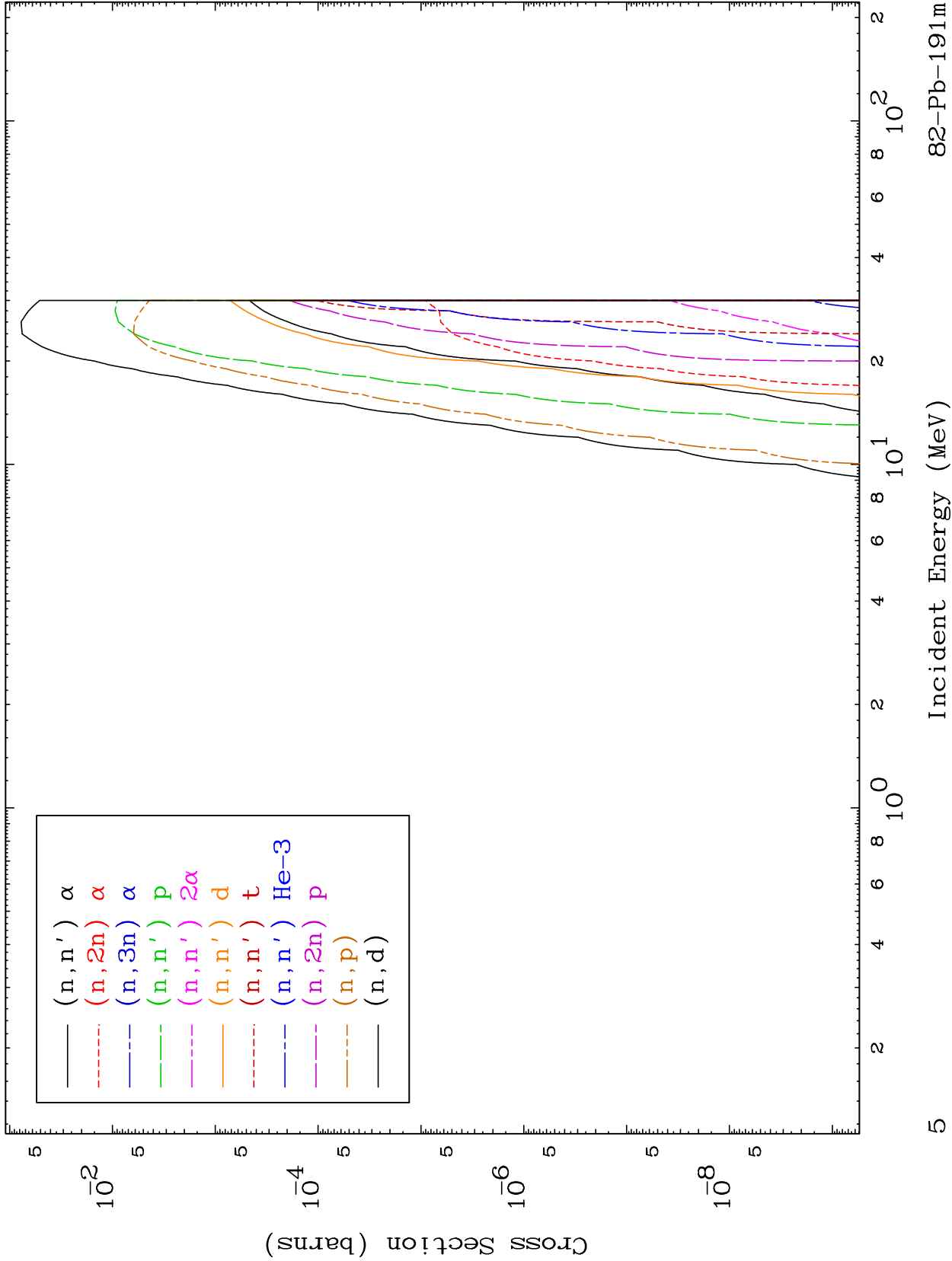
82-Pb-191m



MAT 8187

He-3 Charged Particle
0 Kelvin Cross Sections

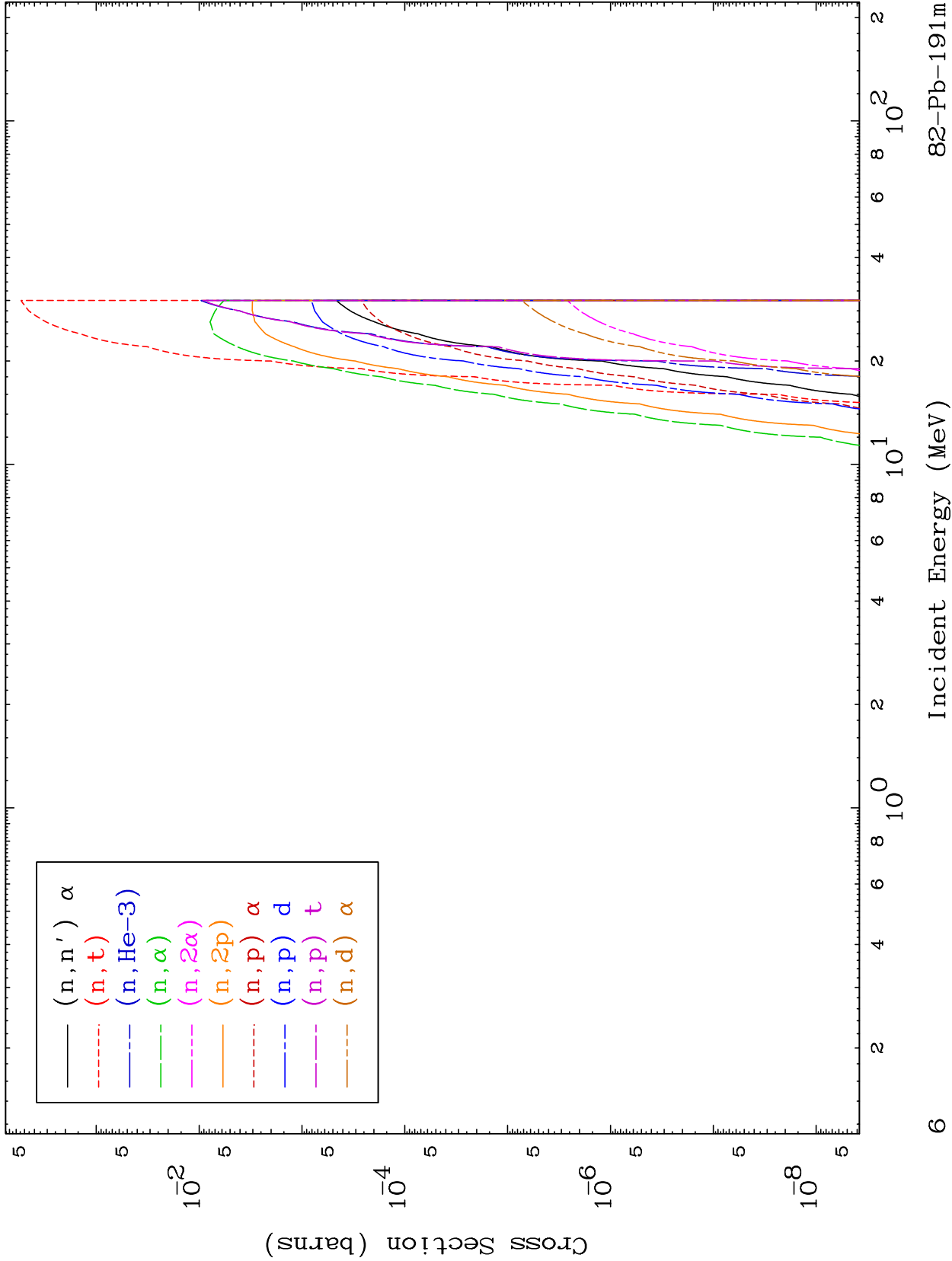
82-Pb-191m



MAT 8187

He-3 Charged Particle
0 Kelvin Cross Sections

82-Pb-191m

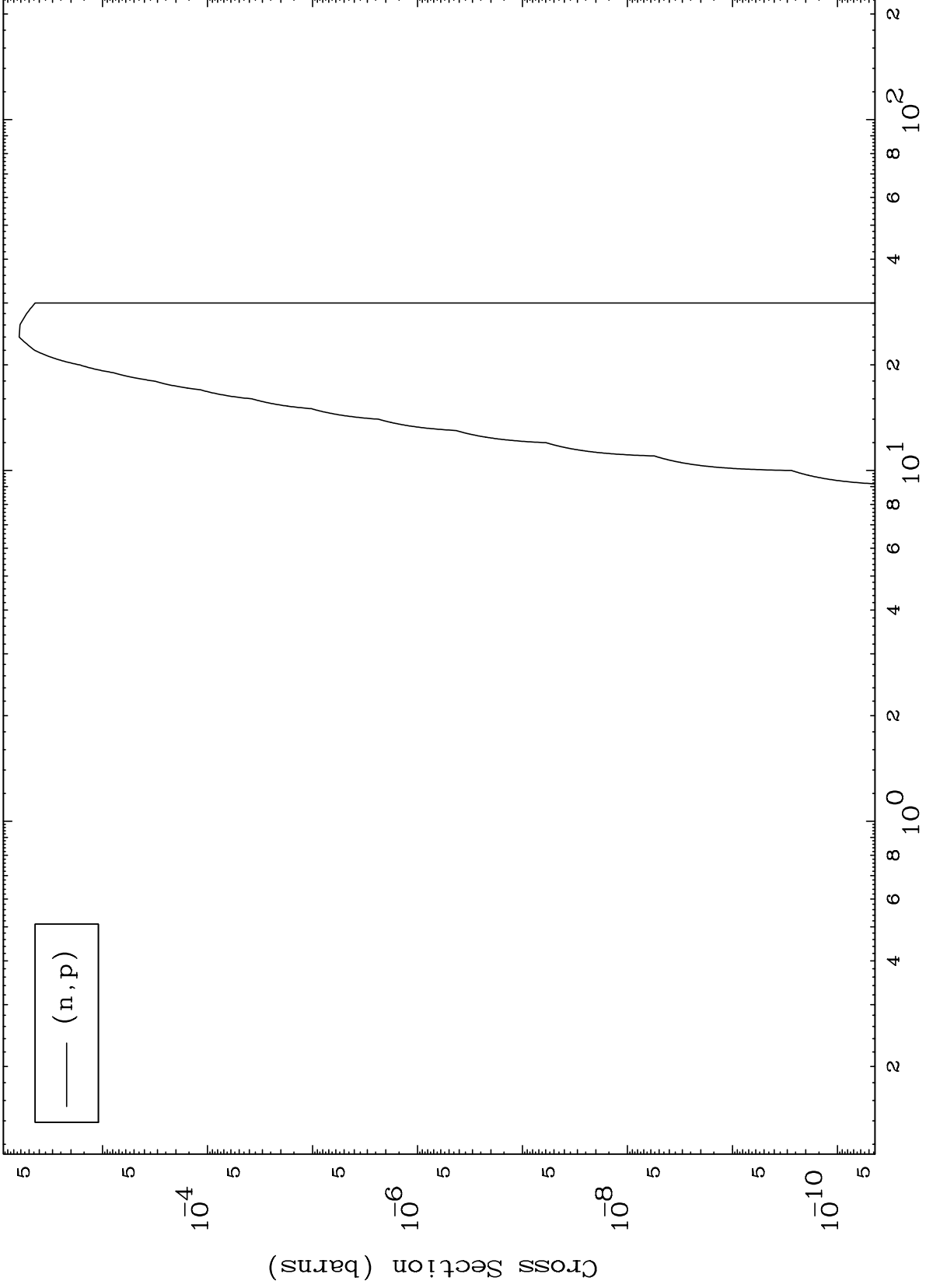


MAT 8187

(He-3,p) Levels

82-Pb-191m

0 Kelvin Cross Sections

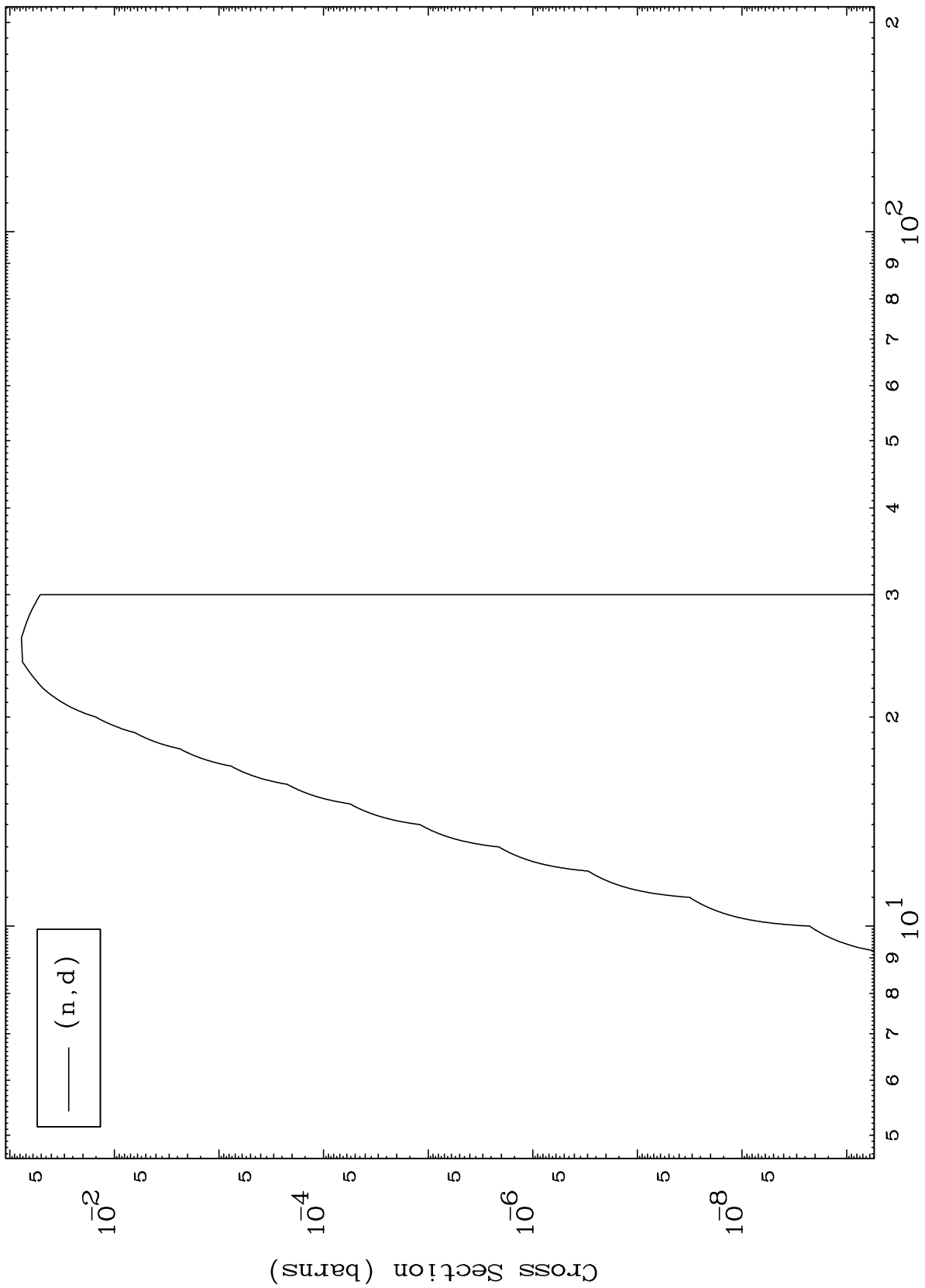


MAT 8187

(He-3,d) Levels

82-Pb-191m

0 Kelvin Cross Sections



8

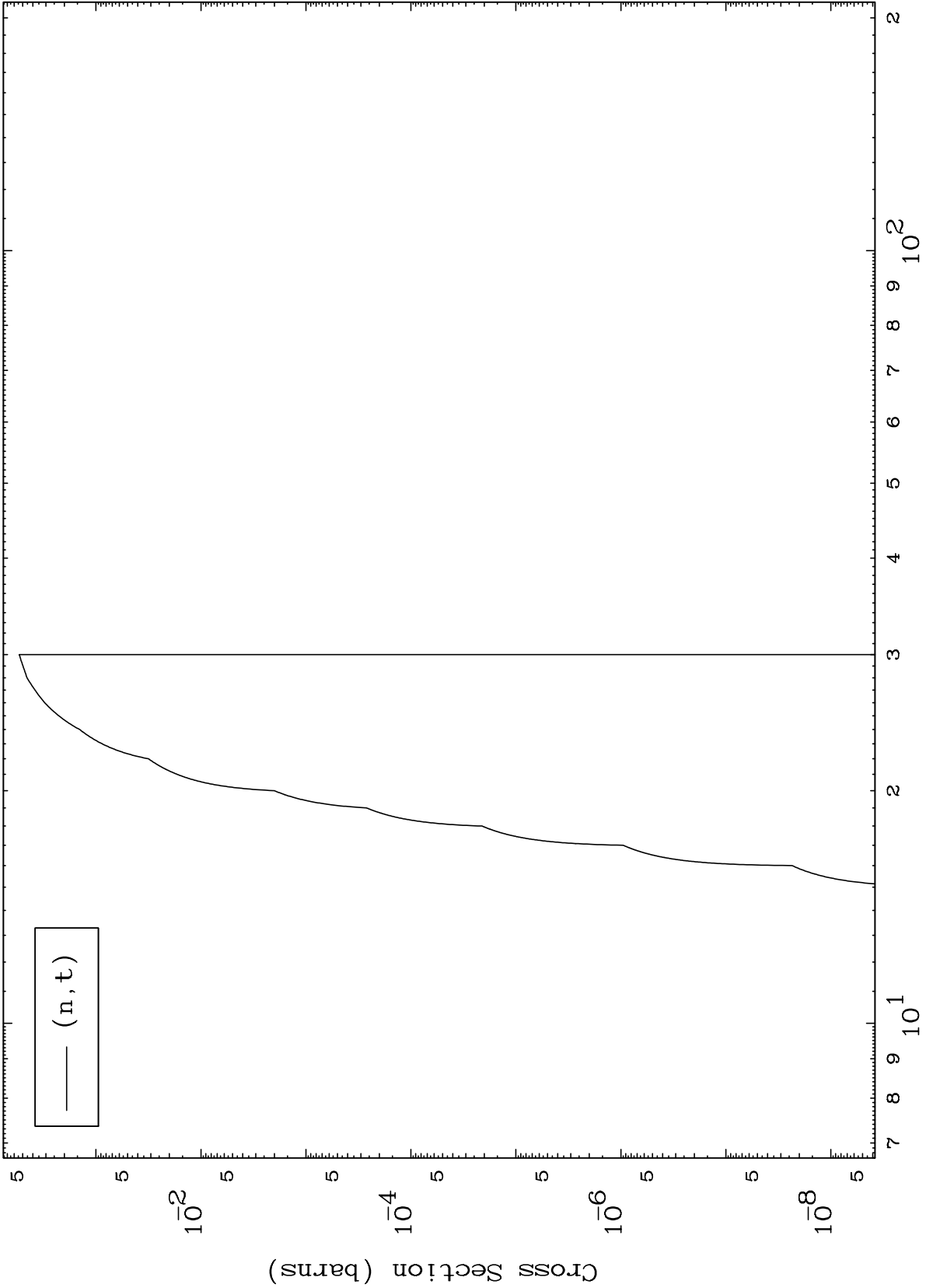
Incident Energy (MeV)

82-Pb-191m

MAT 8187

(He-3,t) Levels
0 Kelvin Cross Sections

82-Pb-191m



9

Incident Energy (MeV)

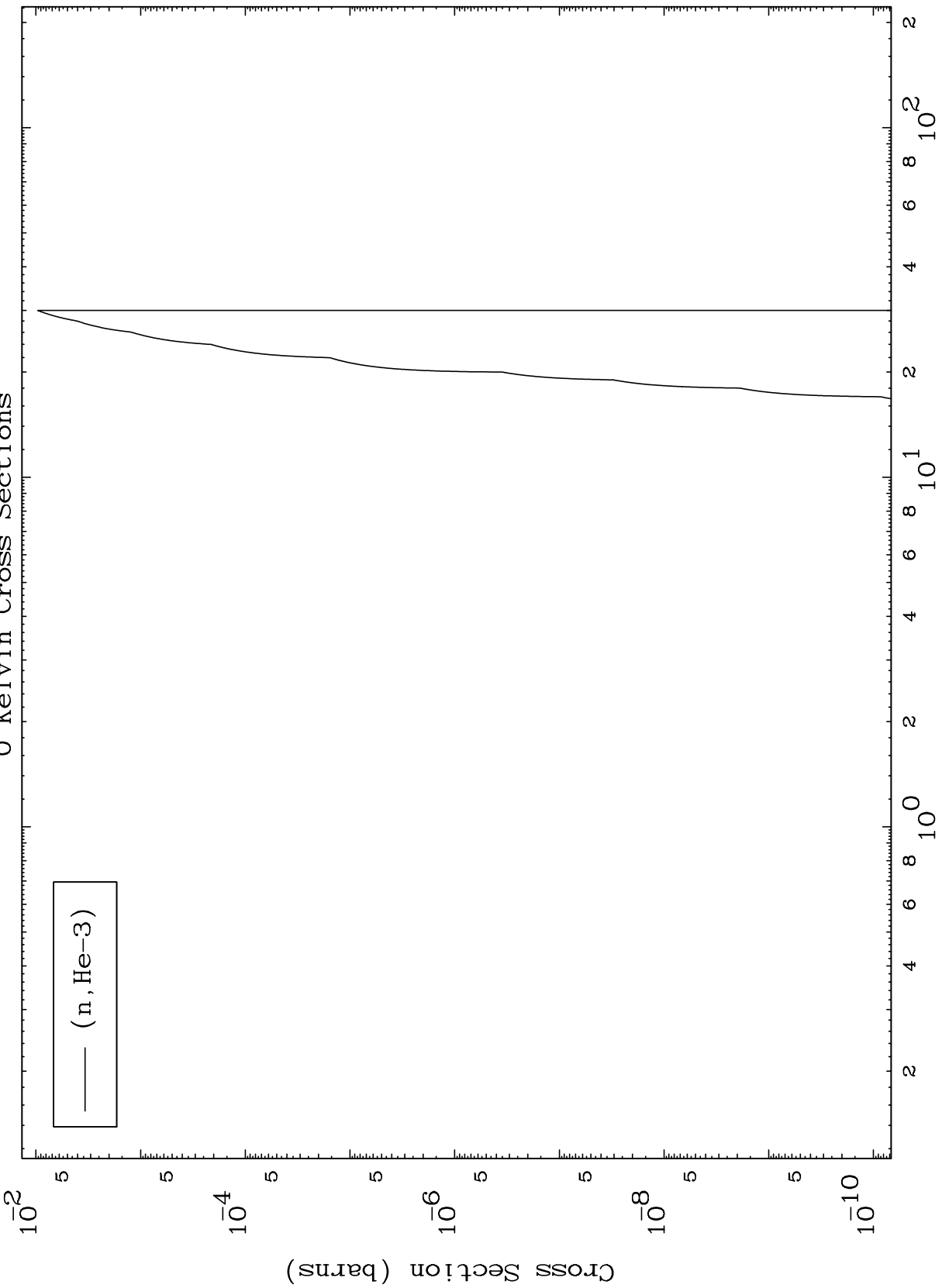
82-Pb-191m

MAT 8187

(He-3, He3) Levels

82-Pb-191m

0 Kelvin Cross Sections



(n, He-3)

10

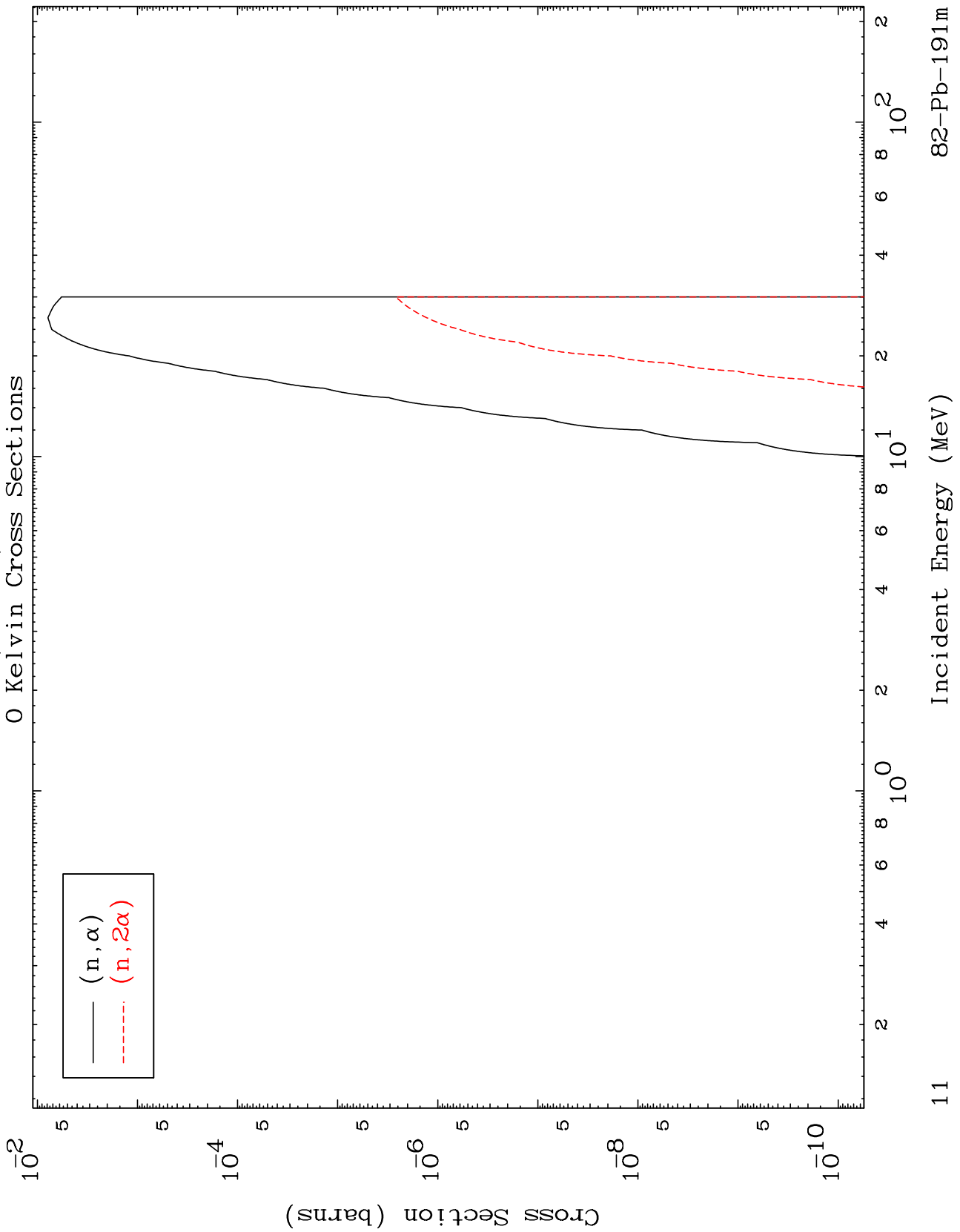
Incident Energy (MeV)

82-Pb-191m

MAT 8187

(He-3, α) Levels

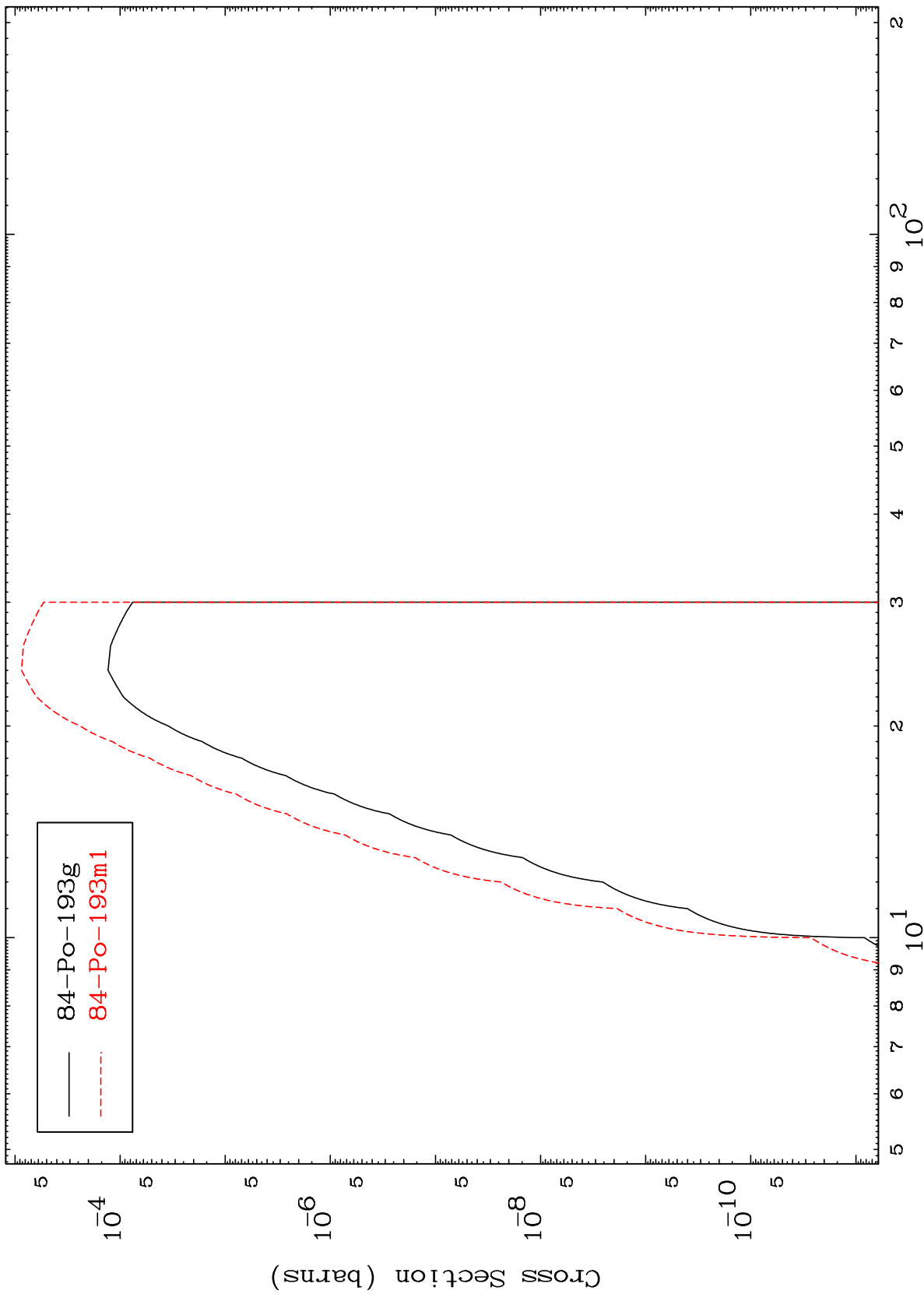
82-Pb-191m



MAT 8187

82-Pb-191m

Inelastic
Radionuclide Production Cross Section



— 84-Po-193g
- - - 84-Po-193m1

82-Pb-191m

Incident Energy (MeV)

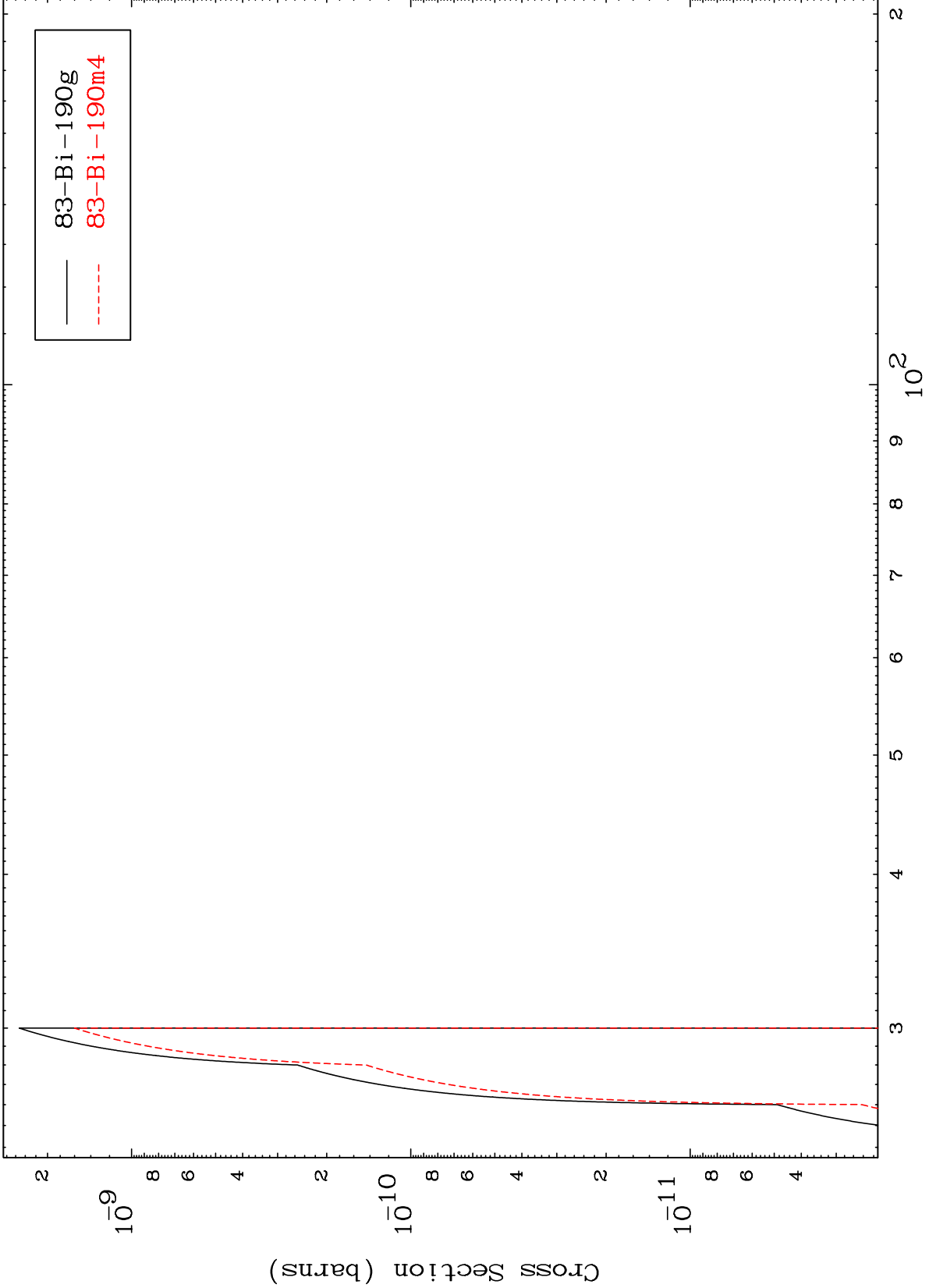
12

MAT 8187

(n,2n) d

82-Pb-191m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

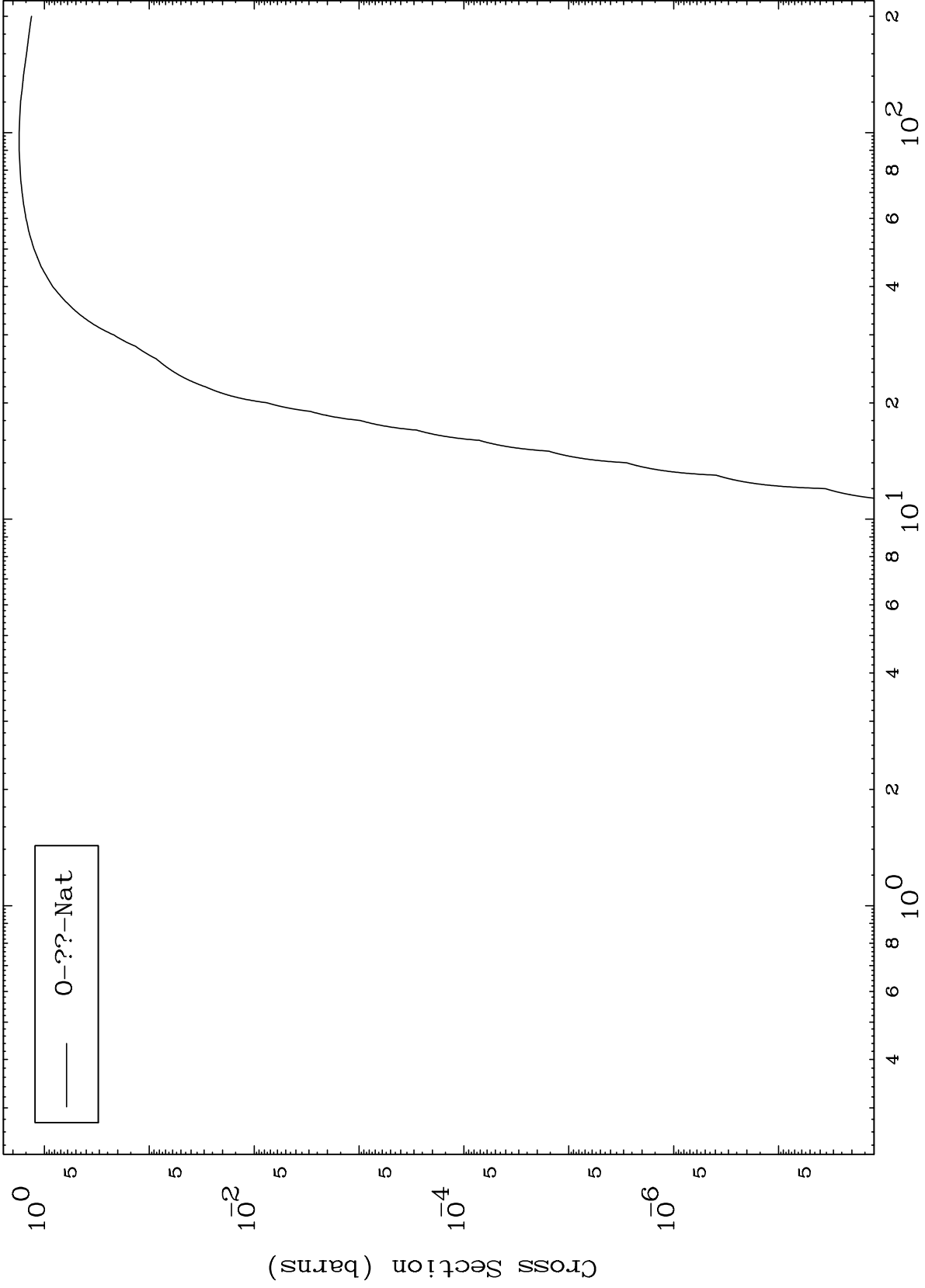
82-Pb-191m

MAT 8187

Fission

⁸²Pb-191m

Radionuclide Production Cross Section



14

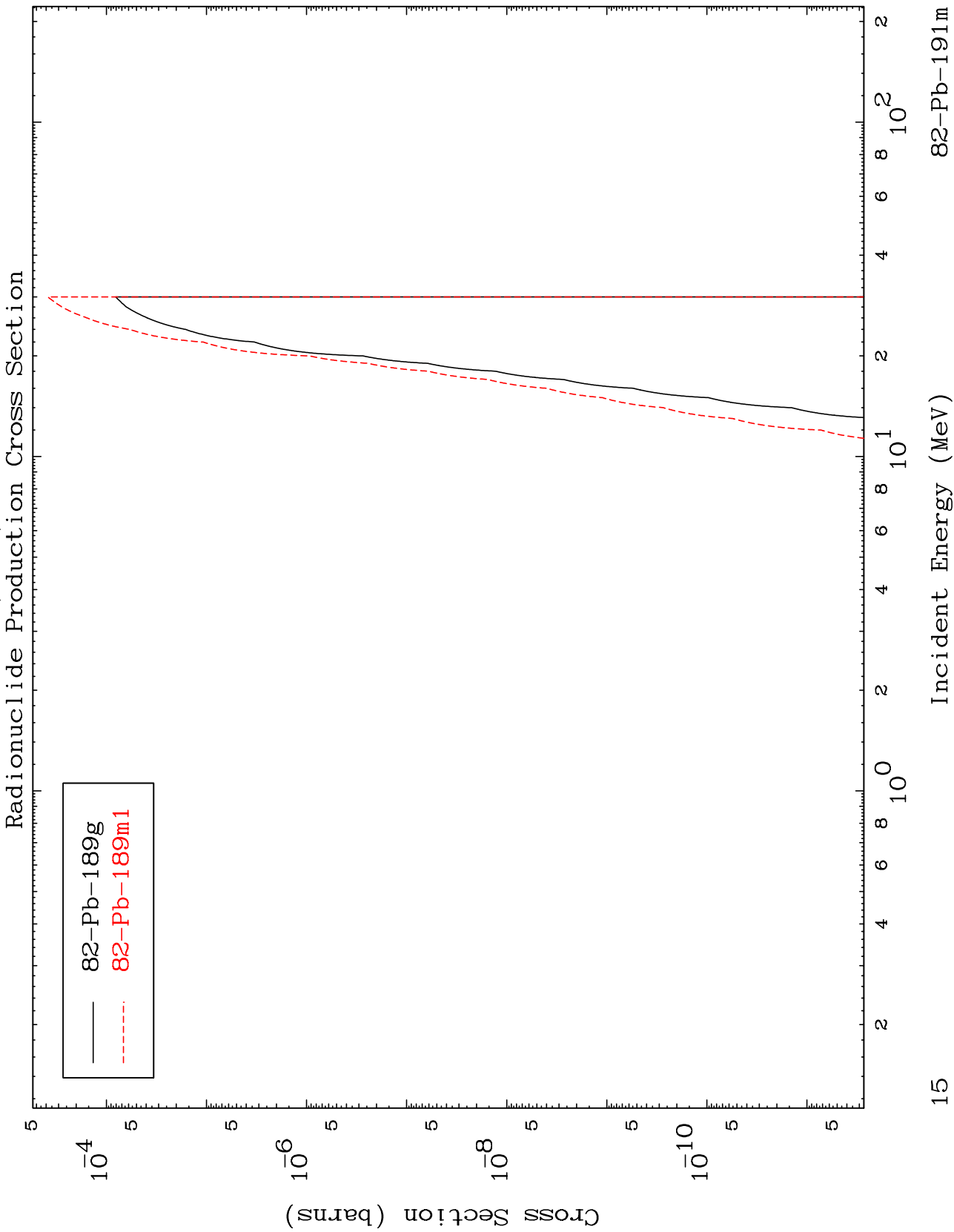
Incident Energy (MeV)

⁸²Pb-191m

MAT 8187

$(n, n') \alpha$

82-Pb-191m

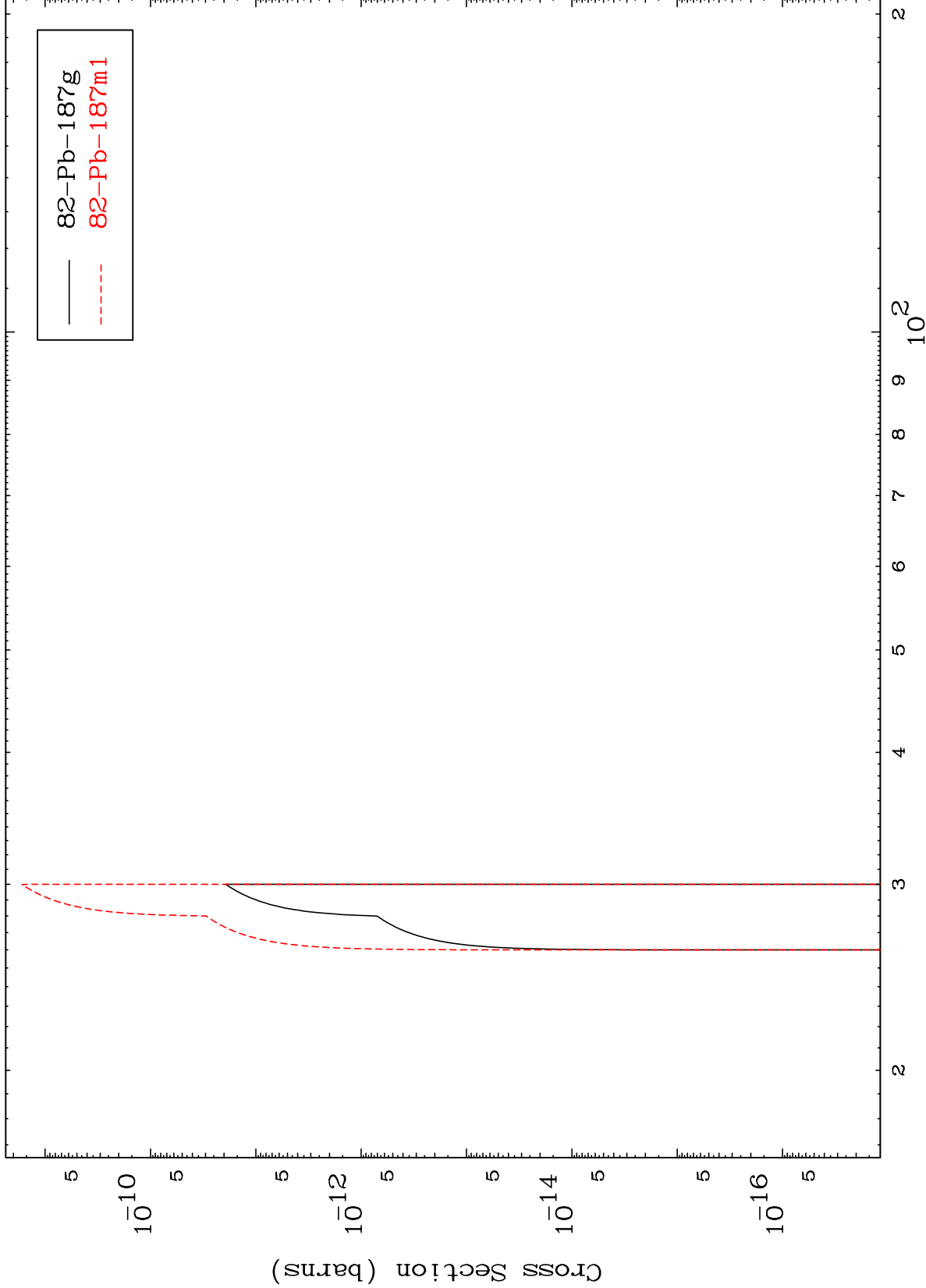


MAT 8187

$(n,3n) \alpha$

$^{82}\text{Pb-191m}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

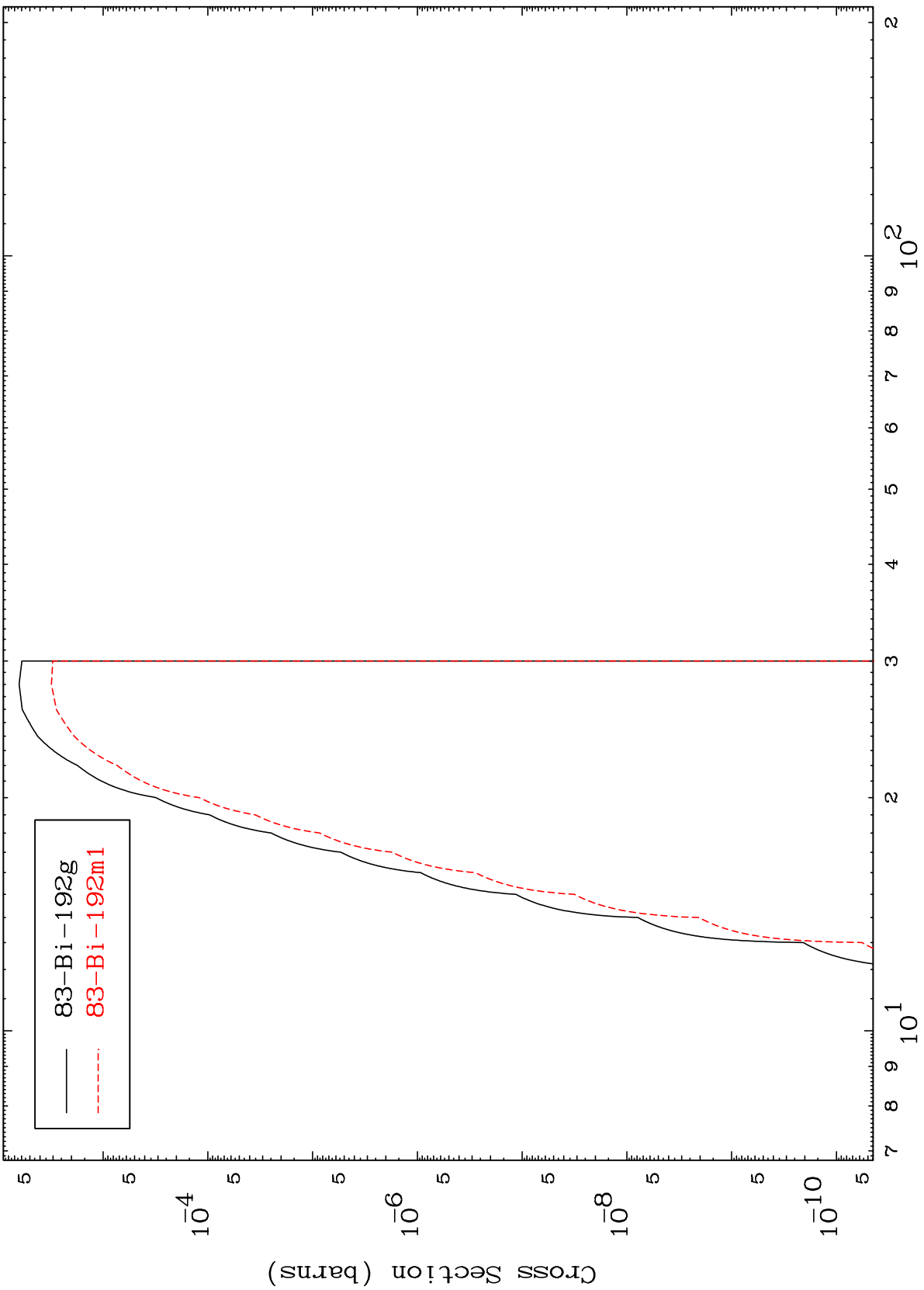
$^{82}\text{Pb-191m}$

MAT 8187

(n,n') p

82-Pb-191m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

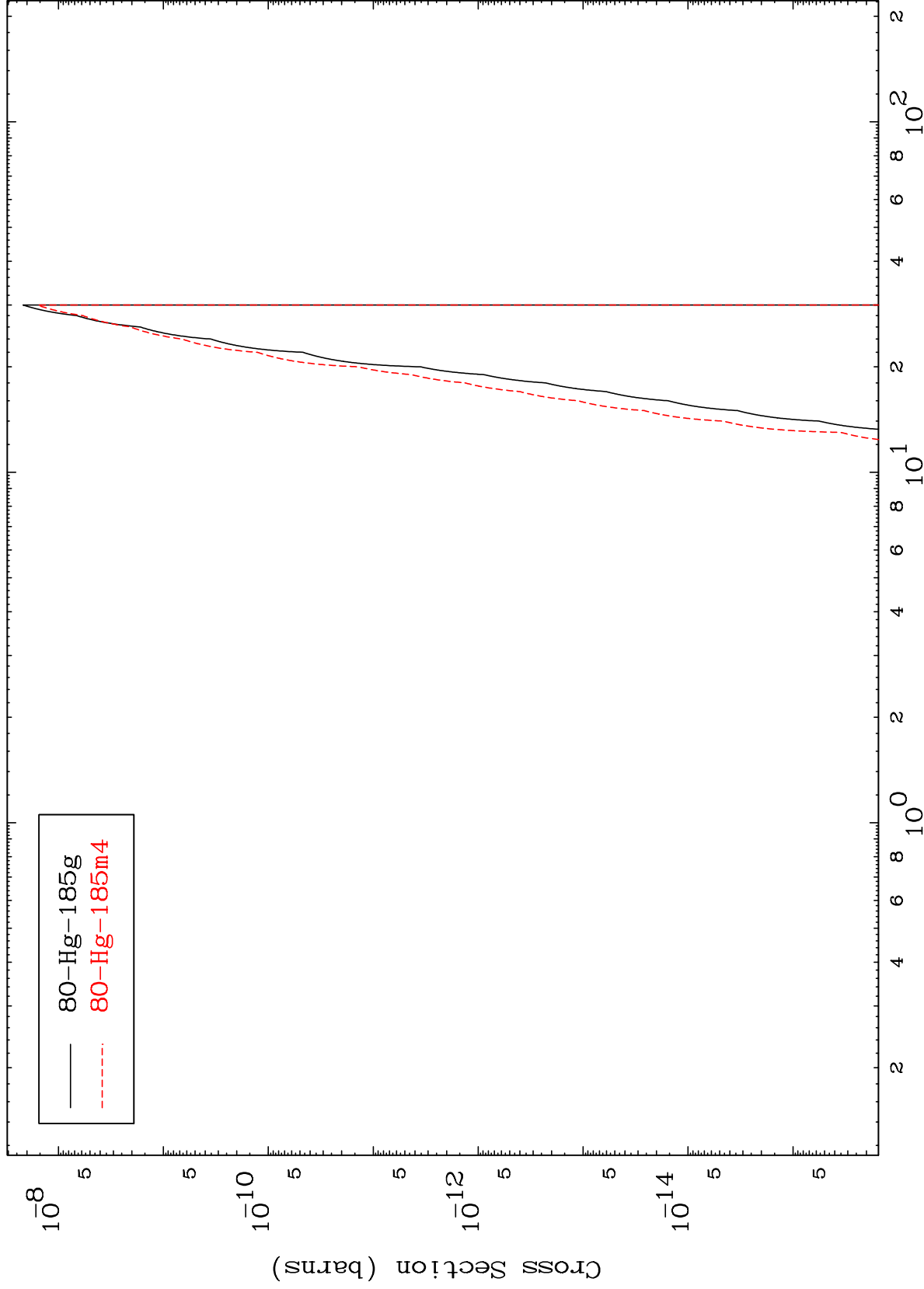
82-Pb-191m

MAT 8187

(n,n') 2 α

82-Pb-191m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

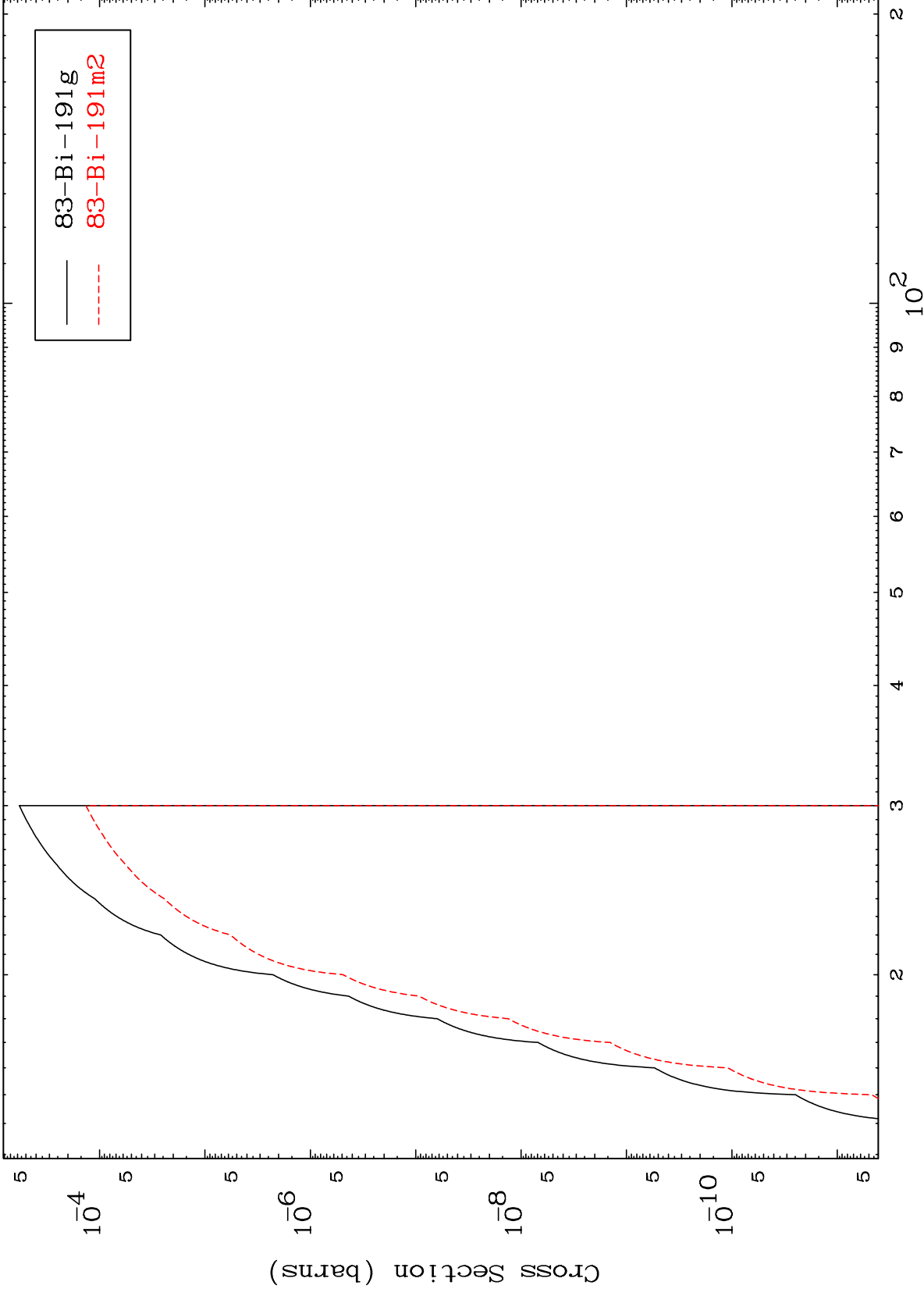
82-Pb-191m

MAT 8187

(n,n') d

82-Pb-191m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

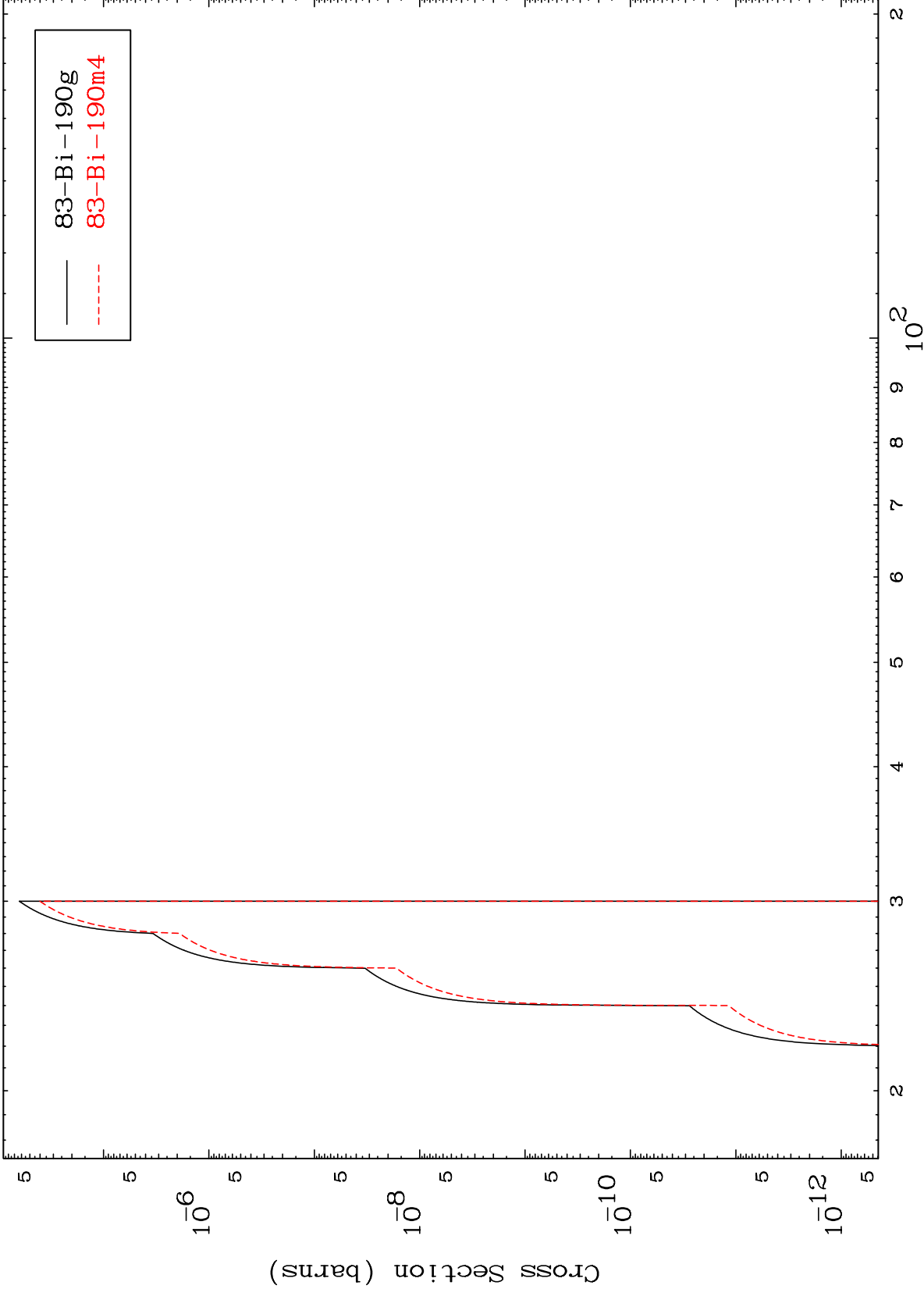
82-Pb-191m

MAT 8187

(n,n') t

82-Pb-191m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

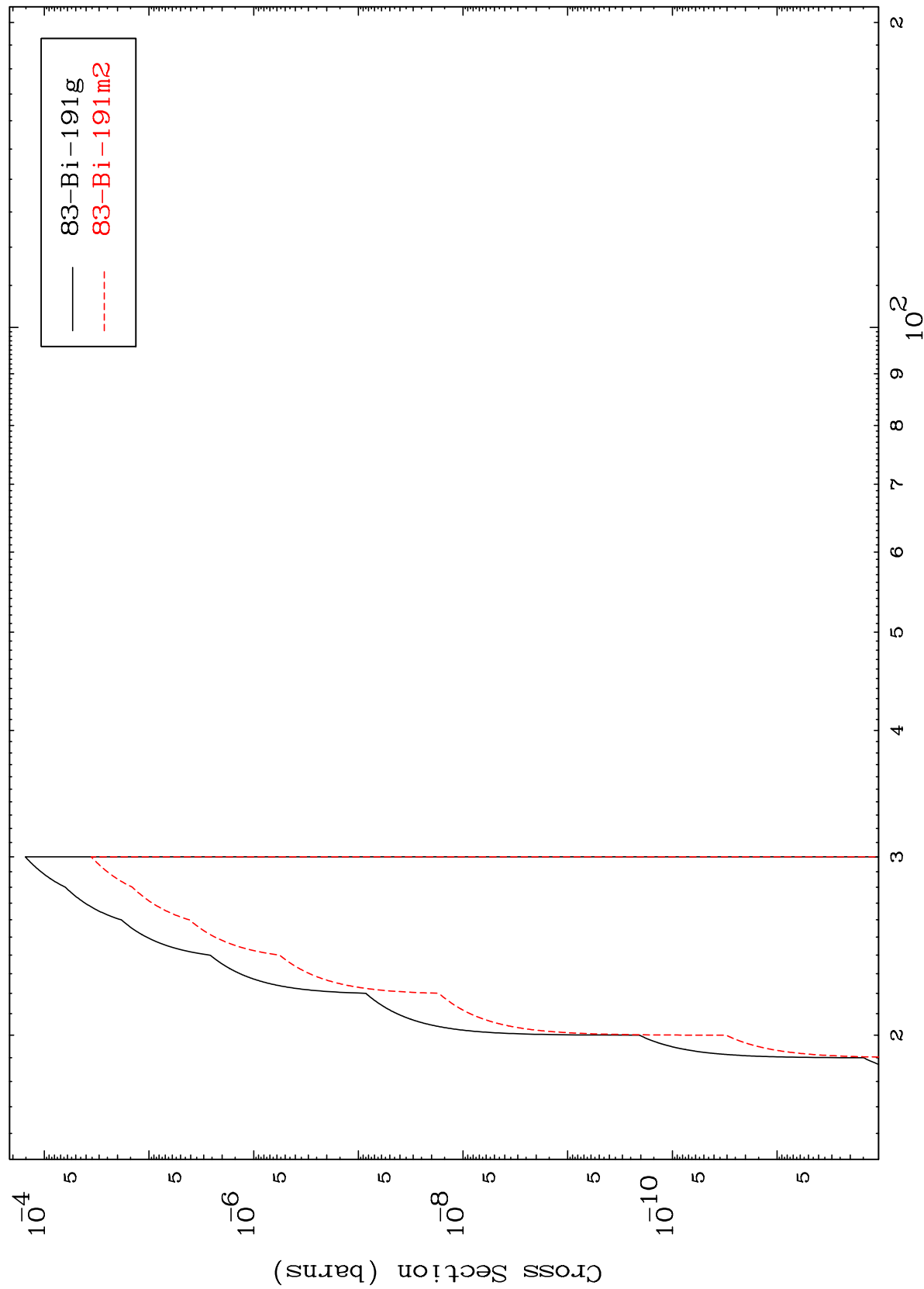
82-Pb-191m

MAT 8187

(n,2n) p

82-Pb-191m

Radionuclide Production Cross Section

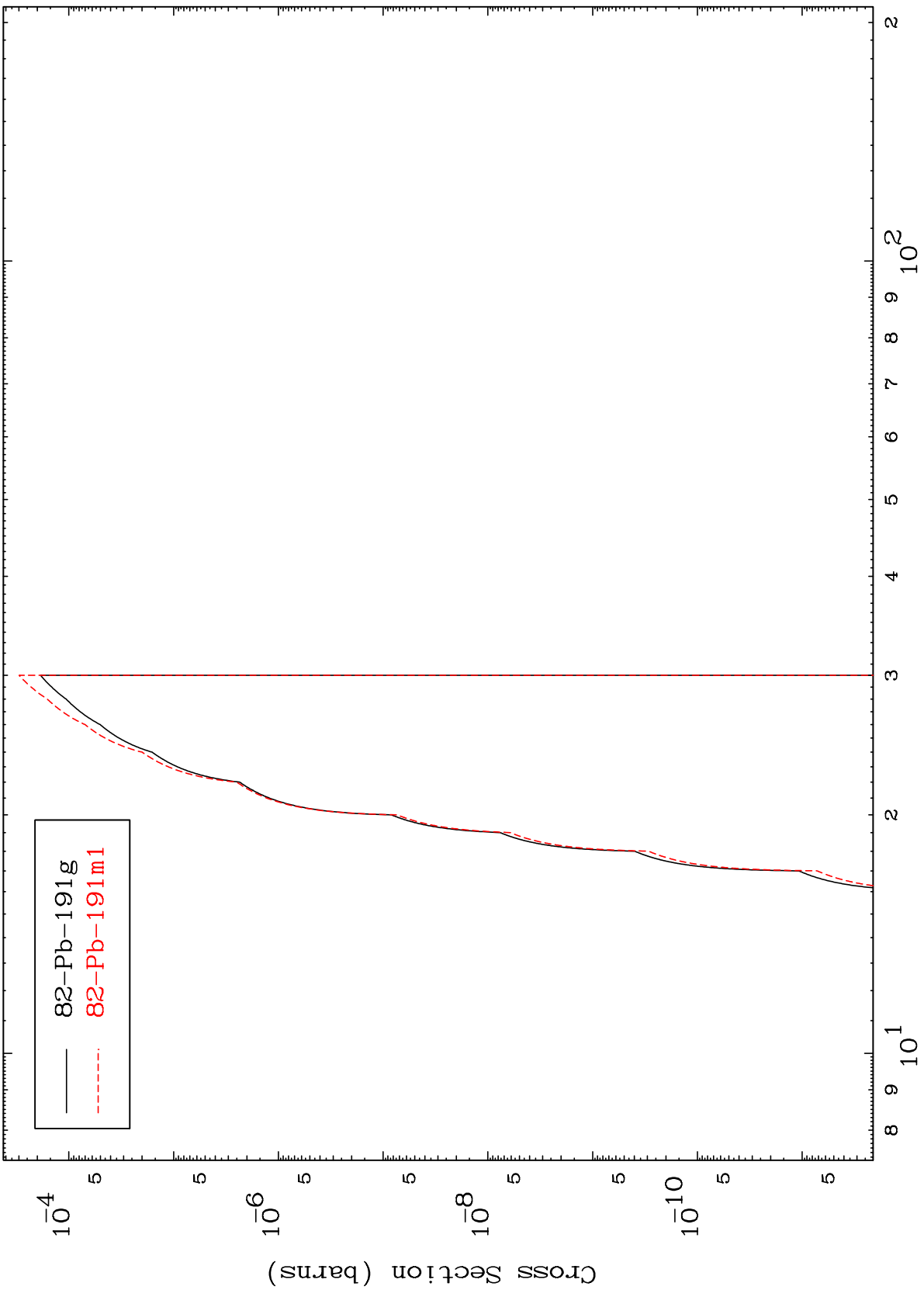


MAT 8187

(n,2n) p

82-Pb-191m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

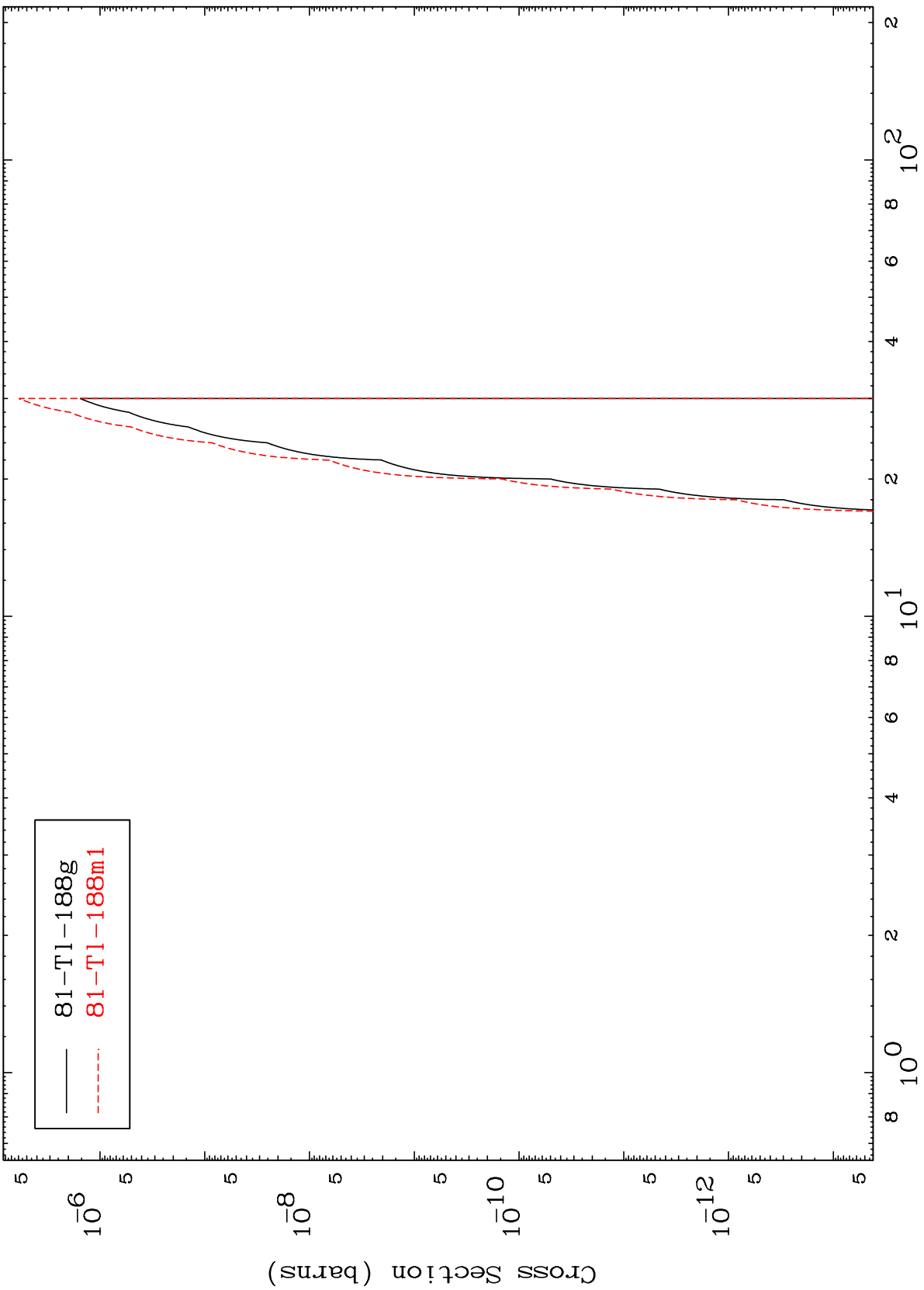
82-Pb-191m

MAT 8187

(n,n') p α

82-Pb-191m

Radionuclide Production Cross Section



81-Tl-188g
81-Tl-188m1

Incident Energy (MeV)

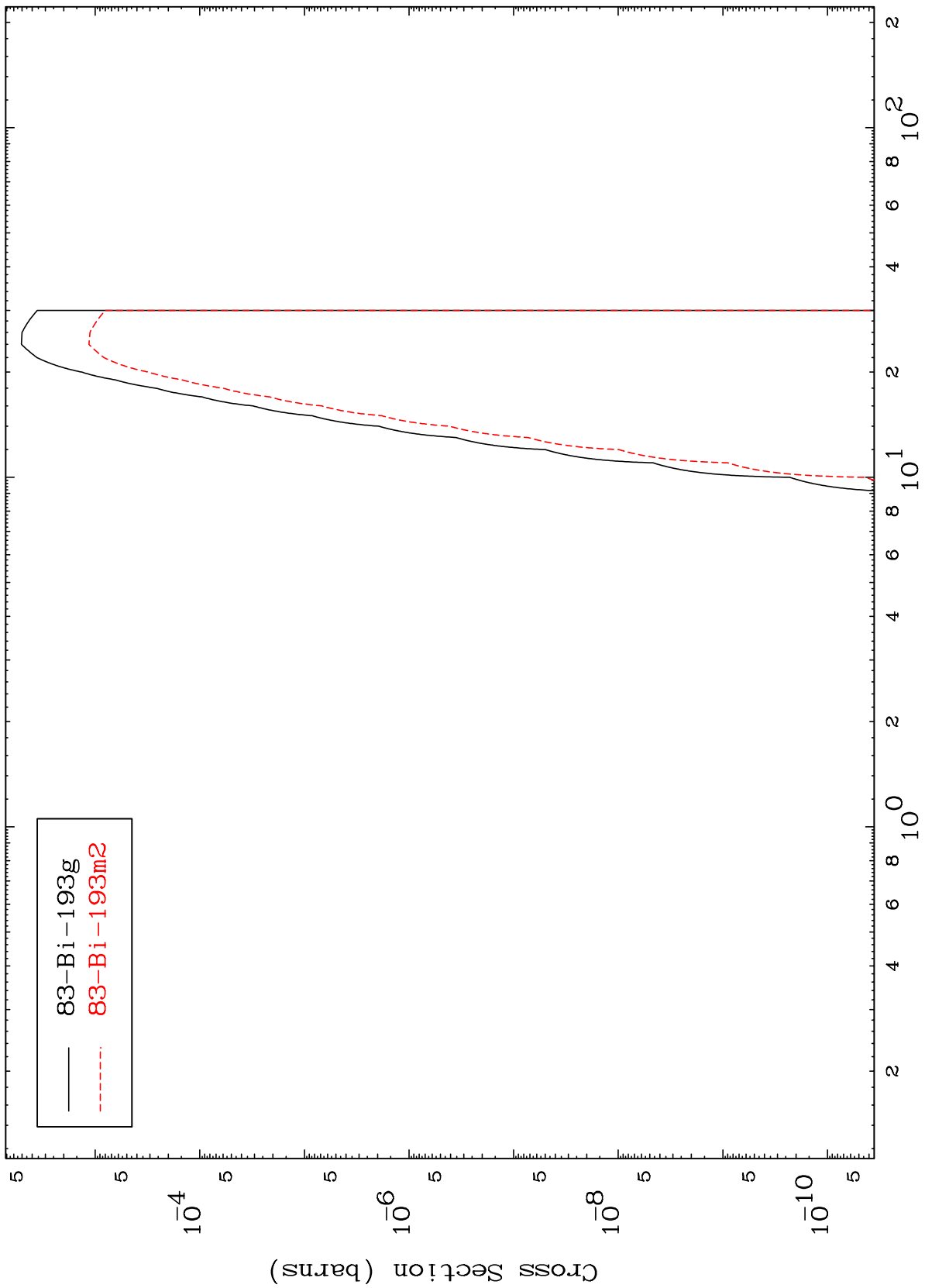
82-Pb-191m

23

MAT 8187

82-Pb-191m

Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m2

82-Pb-191m

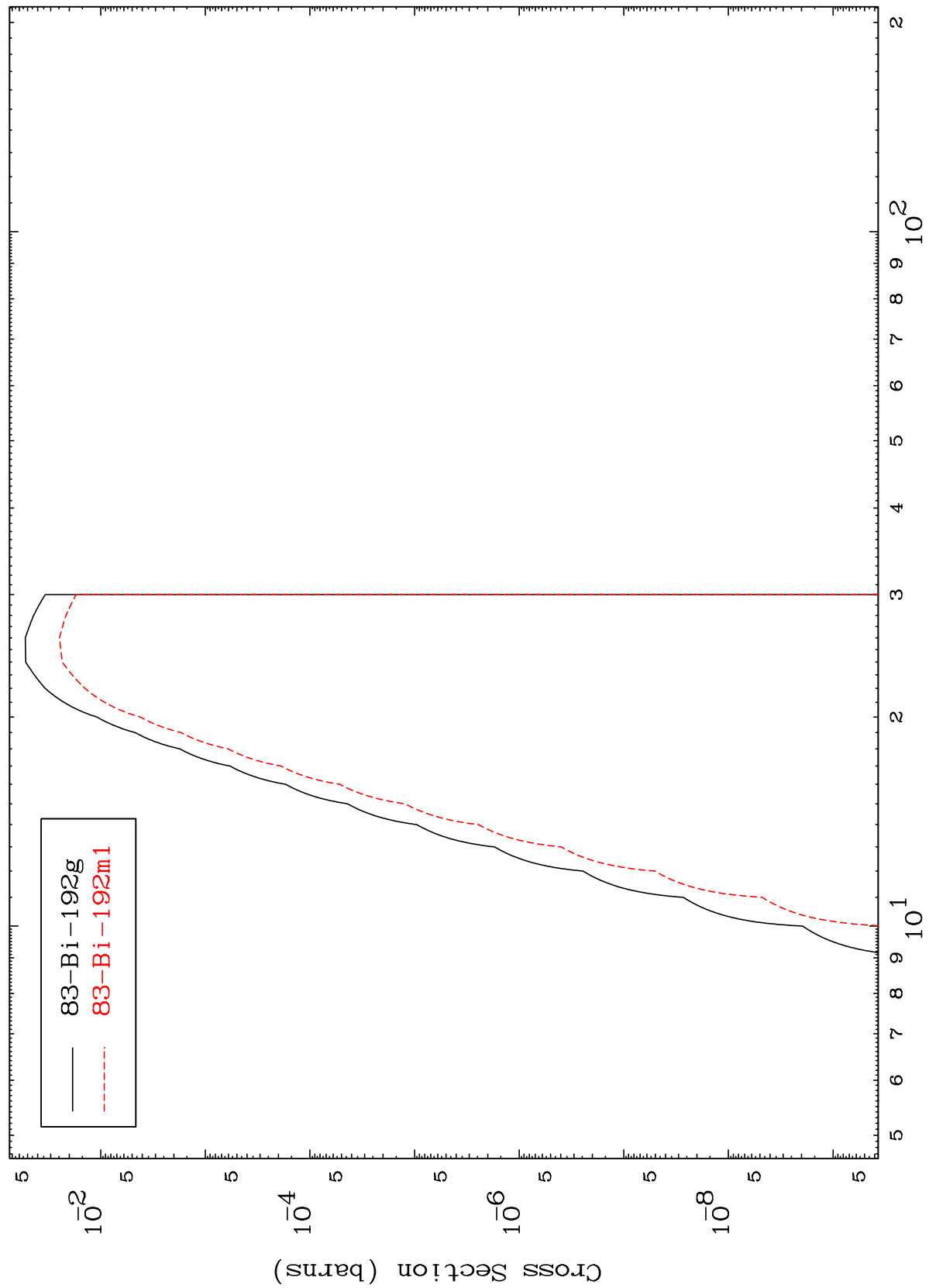
Incident Energy (MeV)

24

MAT 8187

82-Pb-191m

(n,d)
Radionuclide Production Cross Section



83-Bi-192g
83-Bi-192m1

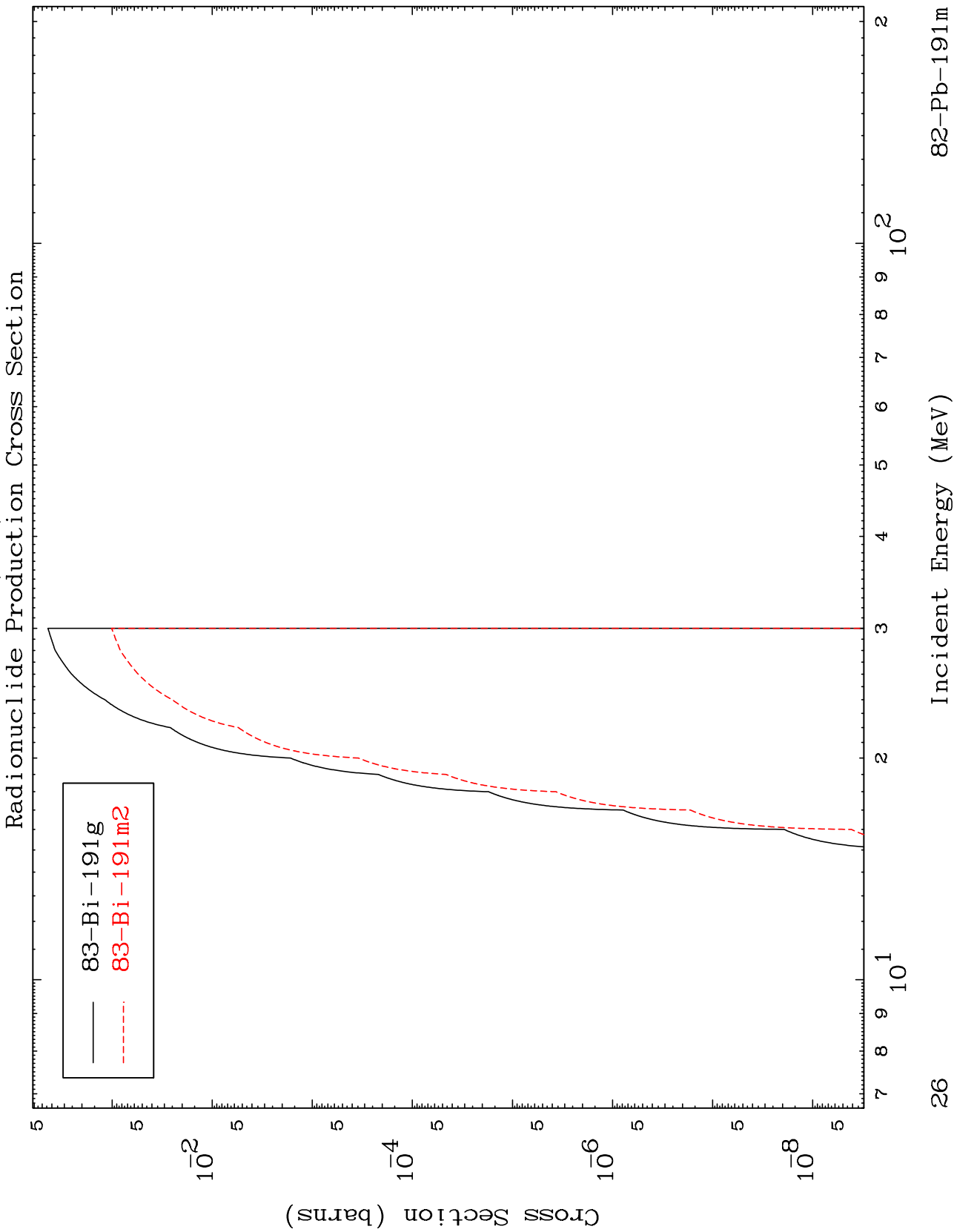
25

Incident Energy (MeV)

82-Pb-191m

MAT 8187

82-Pb-191m



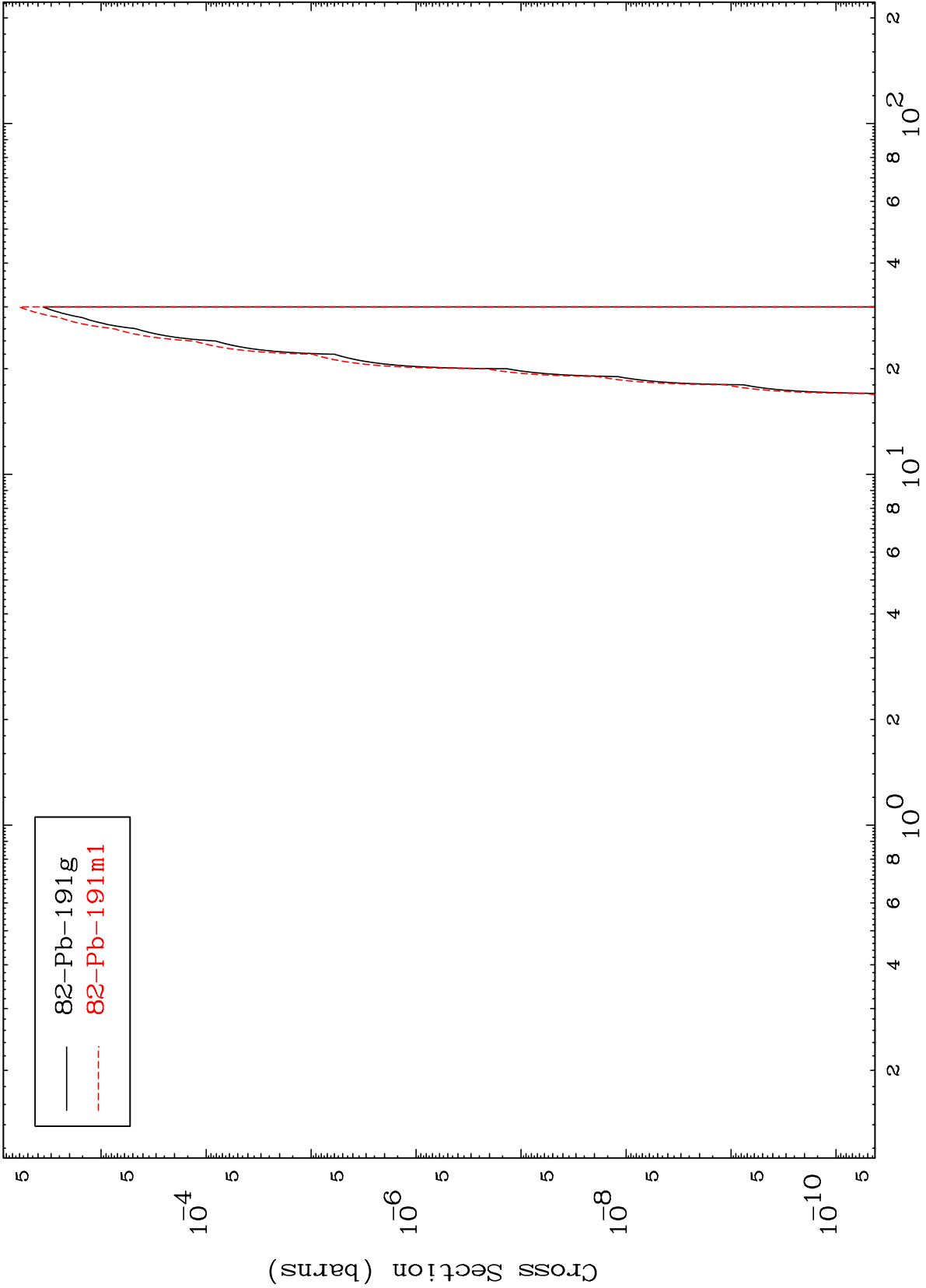
26

MAT 8187

(n,He-3)

82-Pb-191m

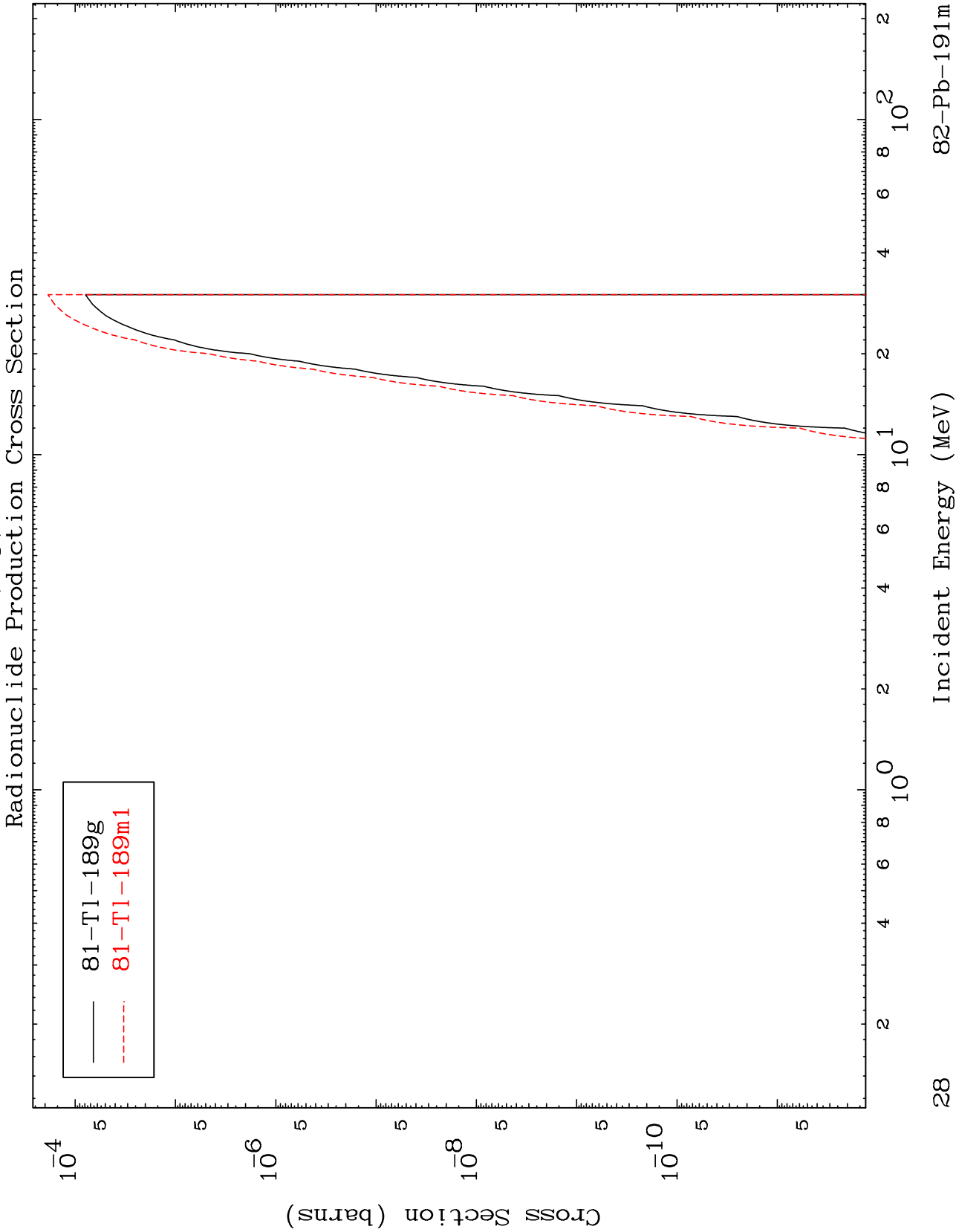
Radionuclide Production Cross Section



MAT 8187

(n,p) α

82-Pb-191m

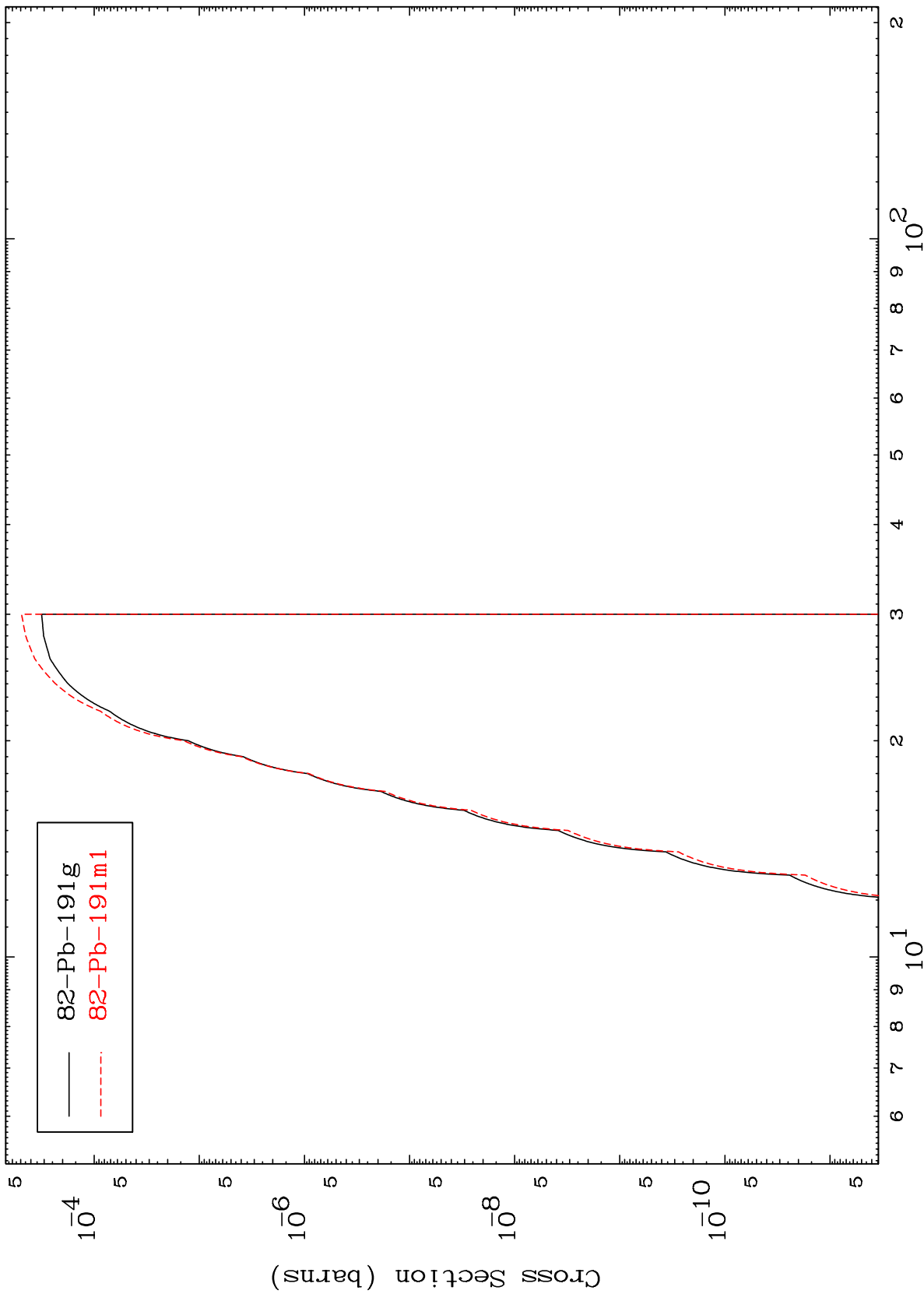


MAT 8187

(n,p) d

⁸²Pb-191m

Radionuclide Production Cross Section



— 82-Pb-191g
- - - 82-Pb-191m1

Incident Energy (MeV)

⁸²Pb-191m

29

MAT 8187

(n,d) α

82-Pb-191m

