

Program EVALPLOT
(Version 2021-1)

by

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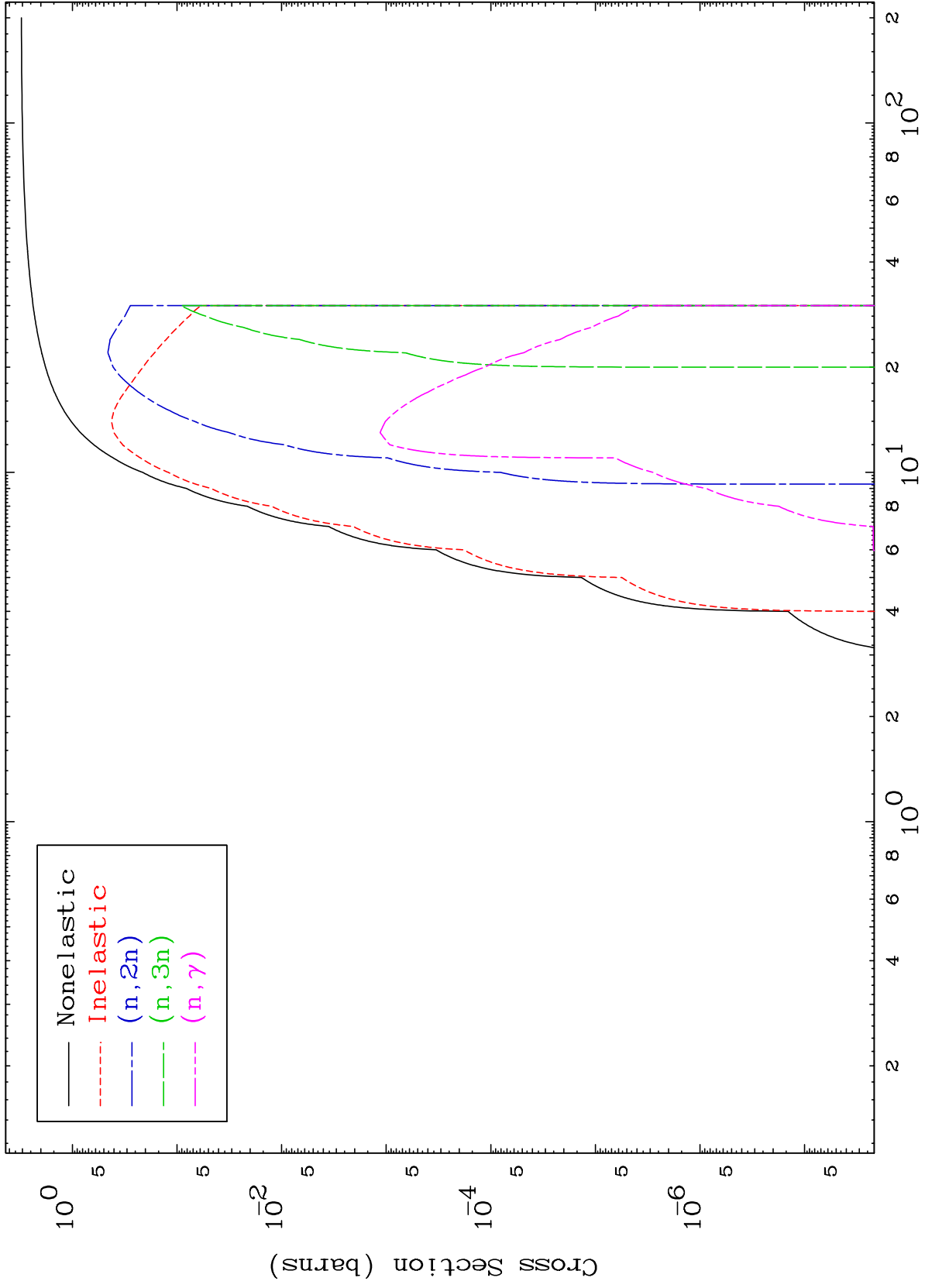
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8193

Deuteron Major
0 Kelvin Cross Sections

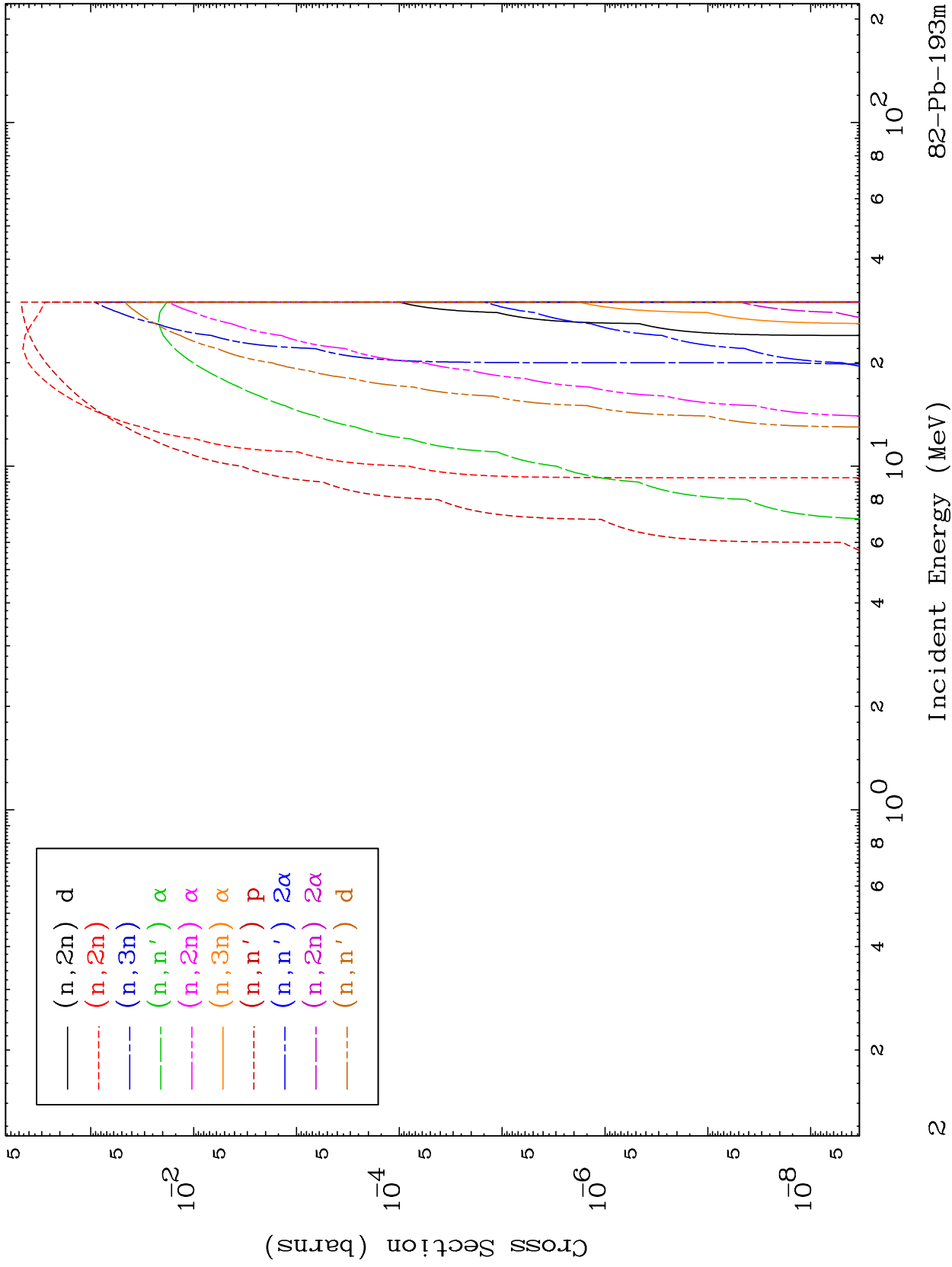
82-Pb-193m

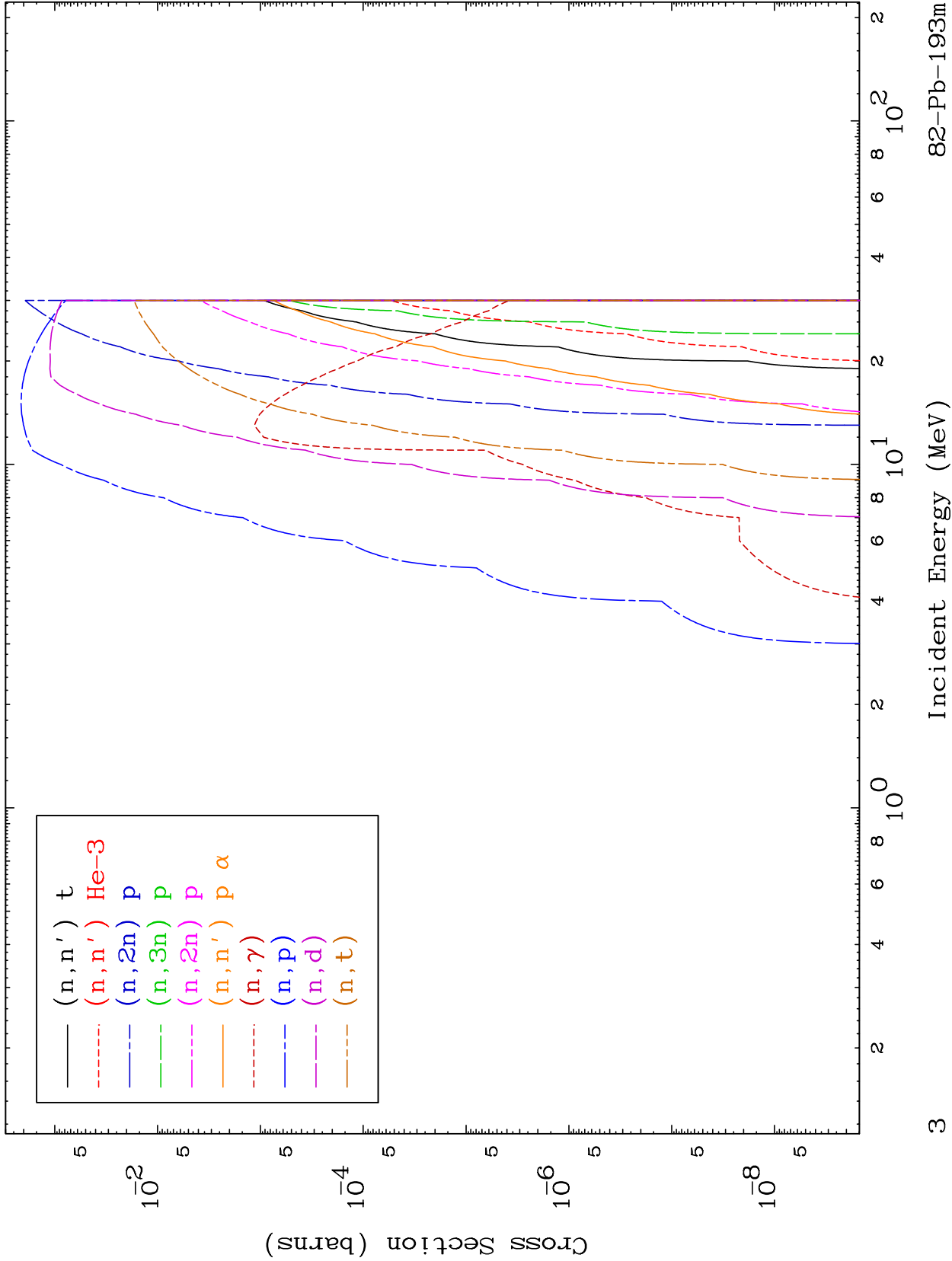


MAT 8193

Deuteron Neutron Absorption
0 Kelvin Cross Sections

82-Pb-193m

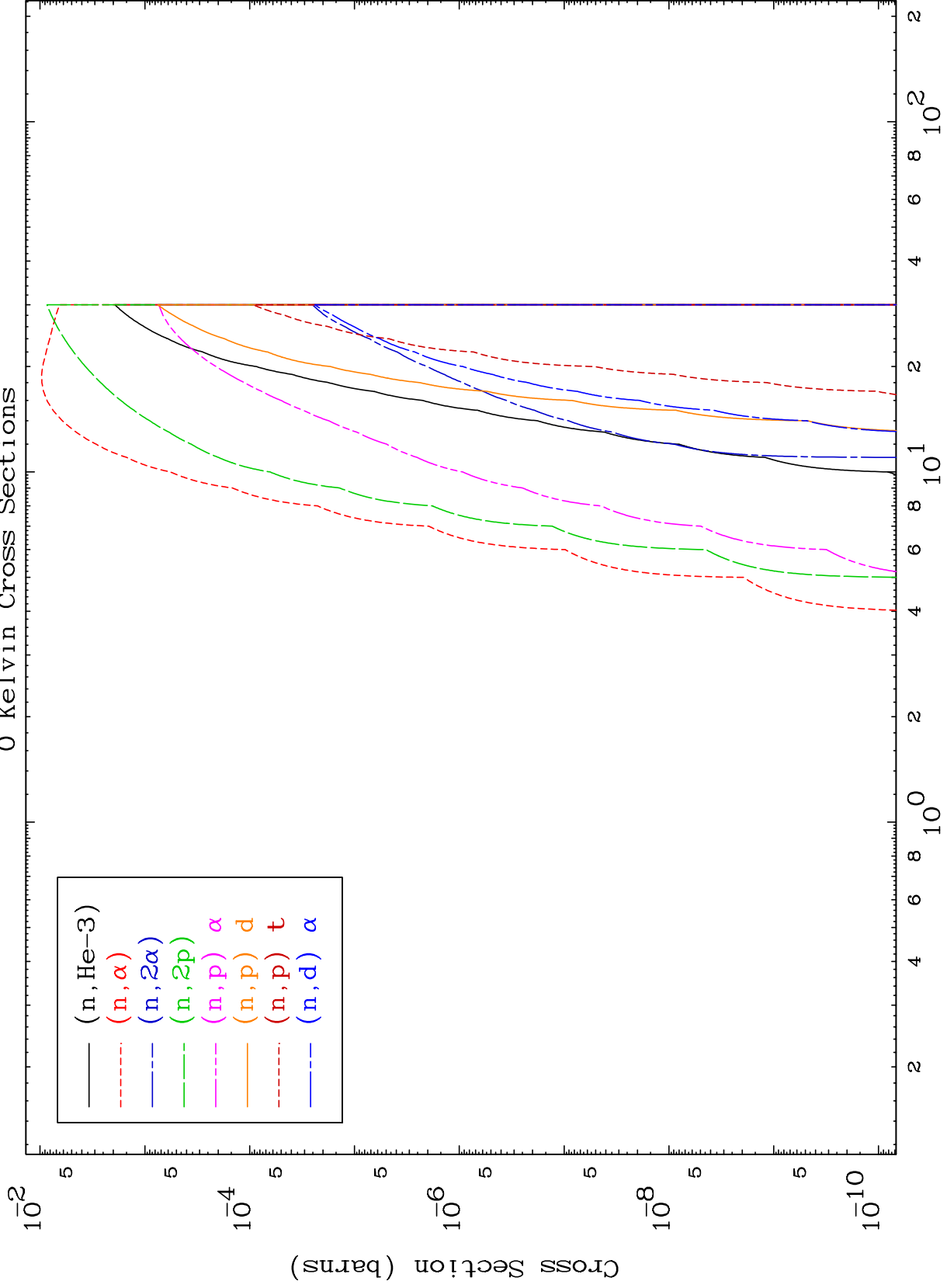




MAT 8193

Deuteron Neutron Absorption
0 Kelvin Cross Sections

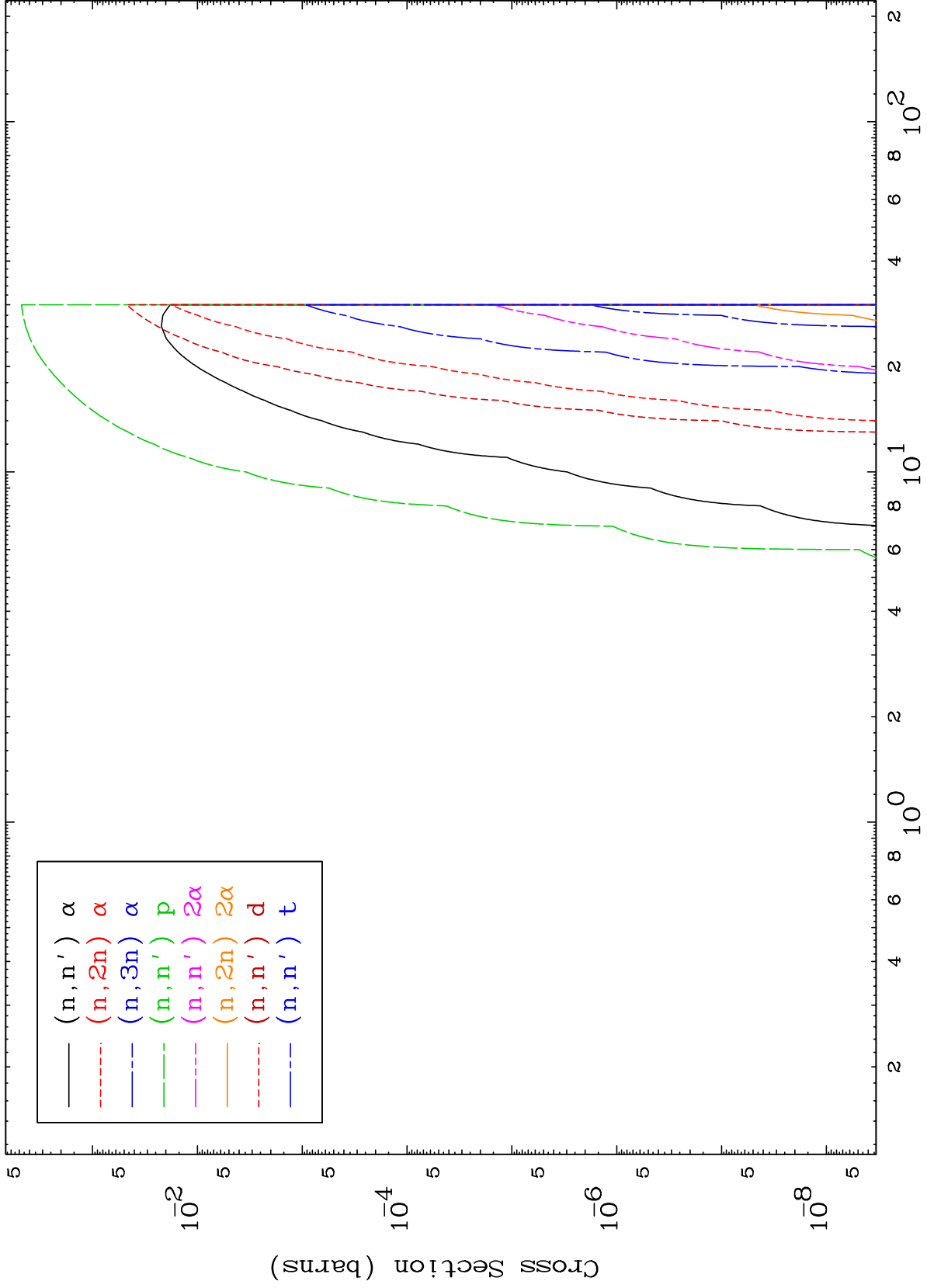
82-Pb-193m



MAT 8193

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-193m



5

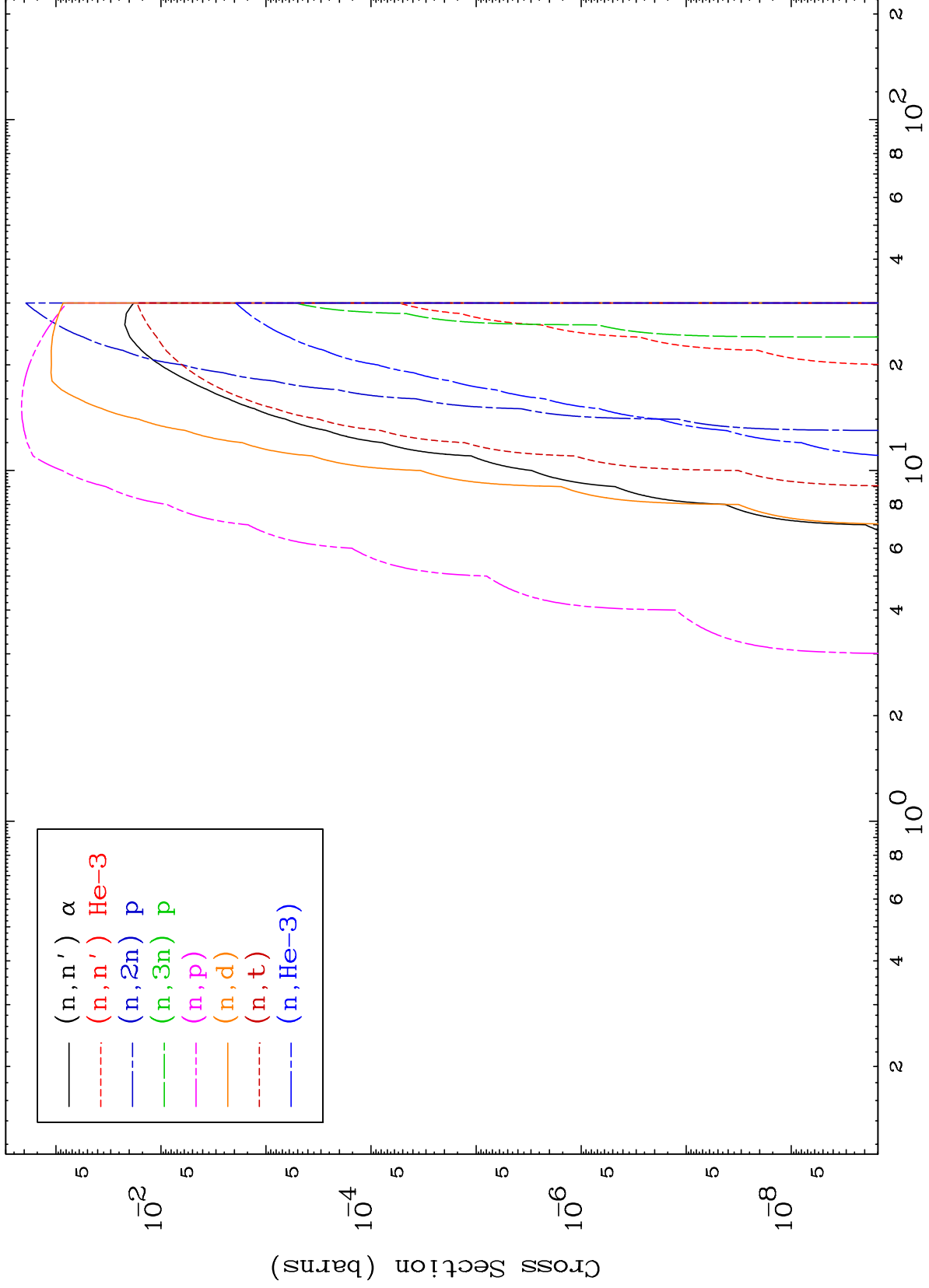
Incident Energy (MeV)

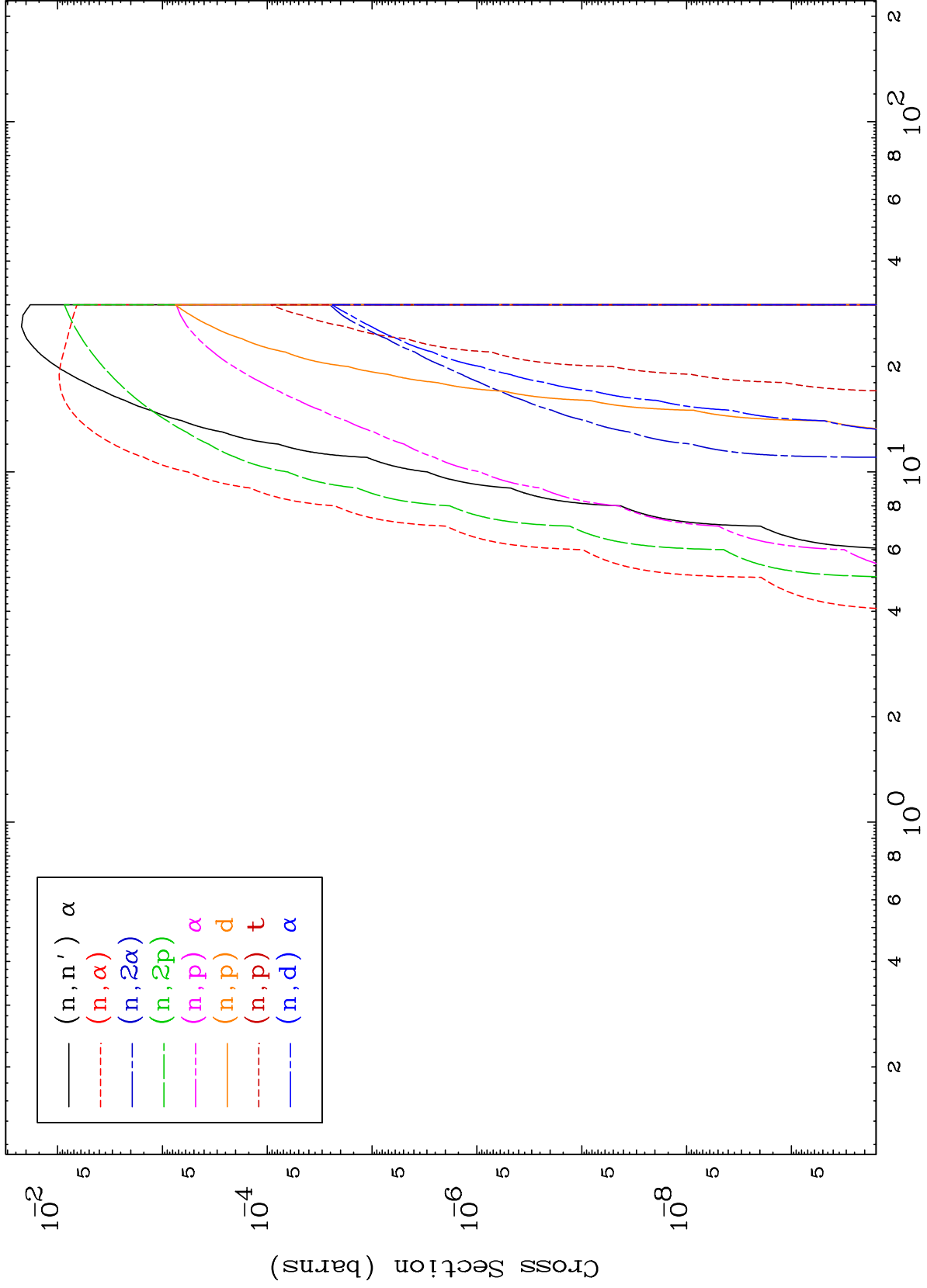
82-Pb-193m

MAT 8193

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-193m



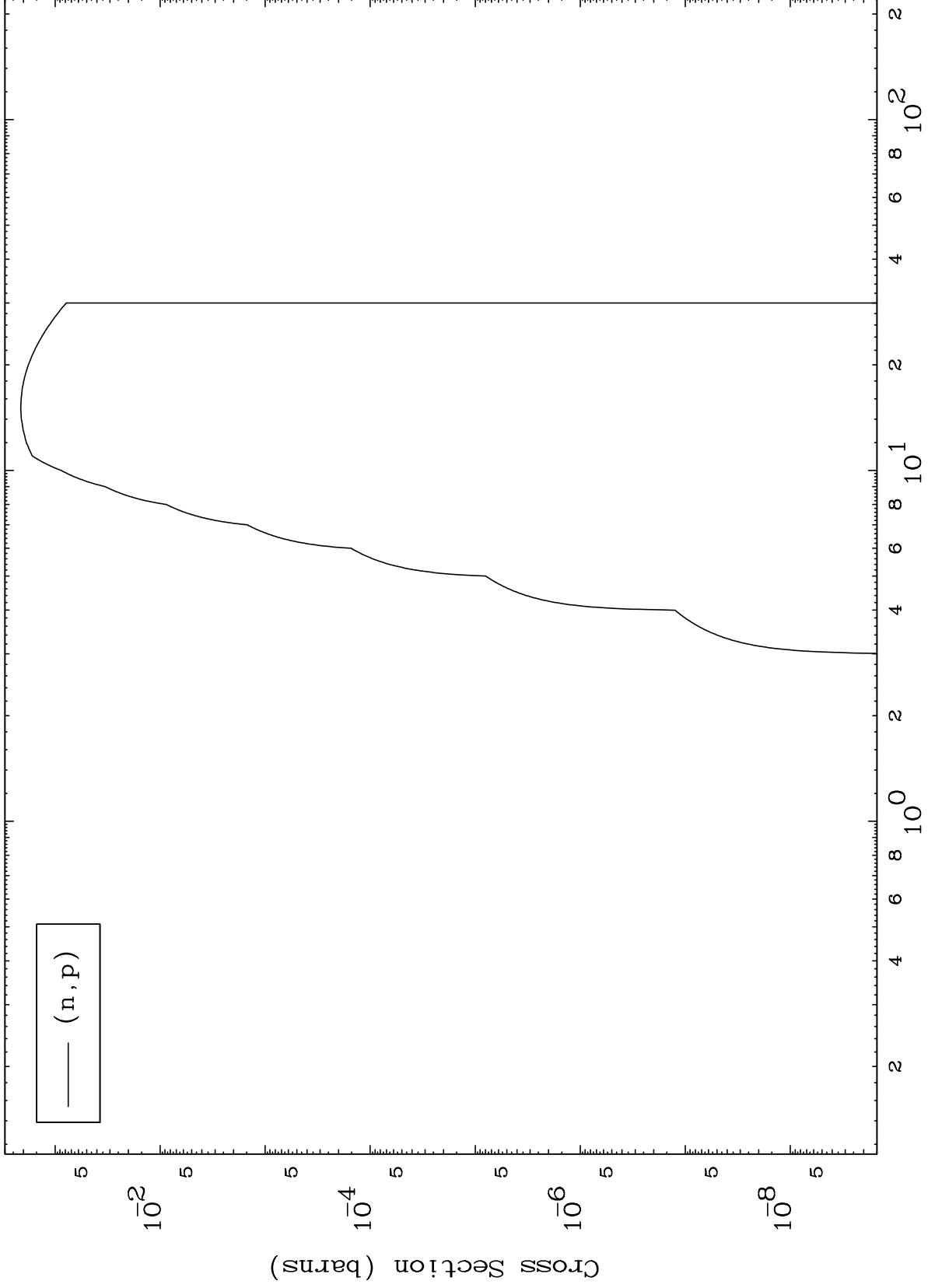


MAT 8193

(d,p) Levels

82-Pb-193m

0 Kelvin Cross Sections

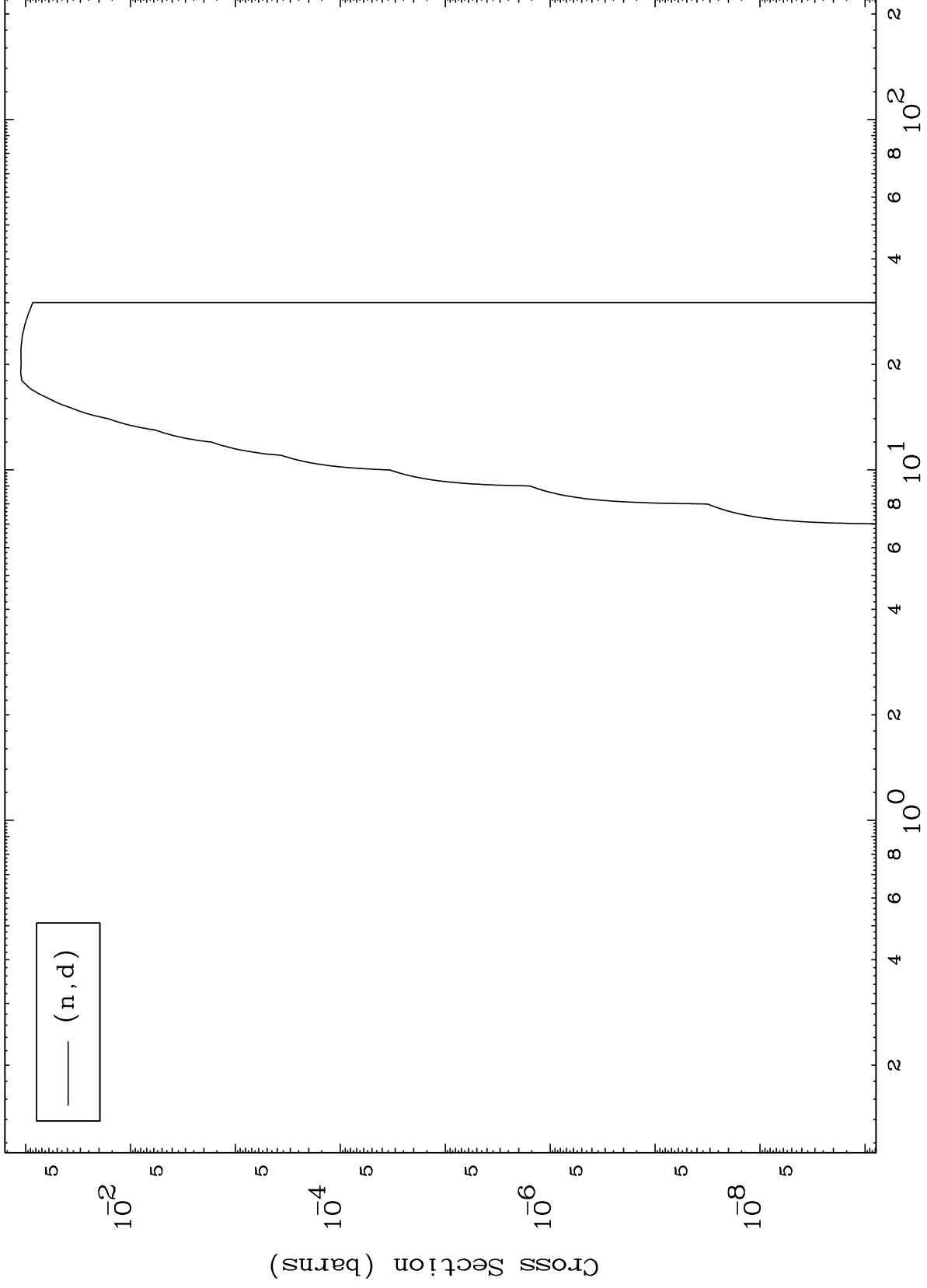


MAT 8193

(d,d) Levels

82-Pb-193m

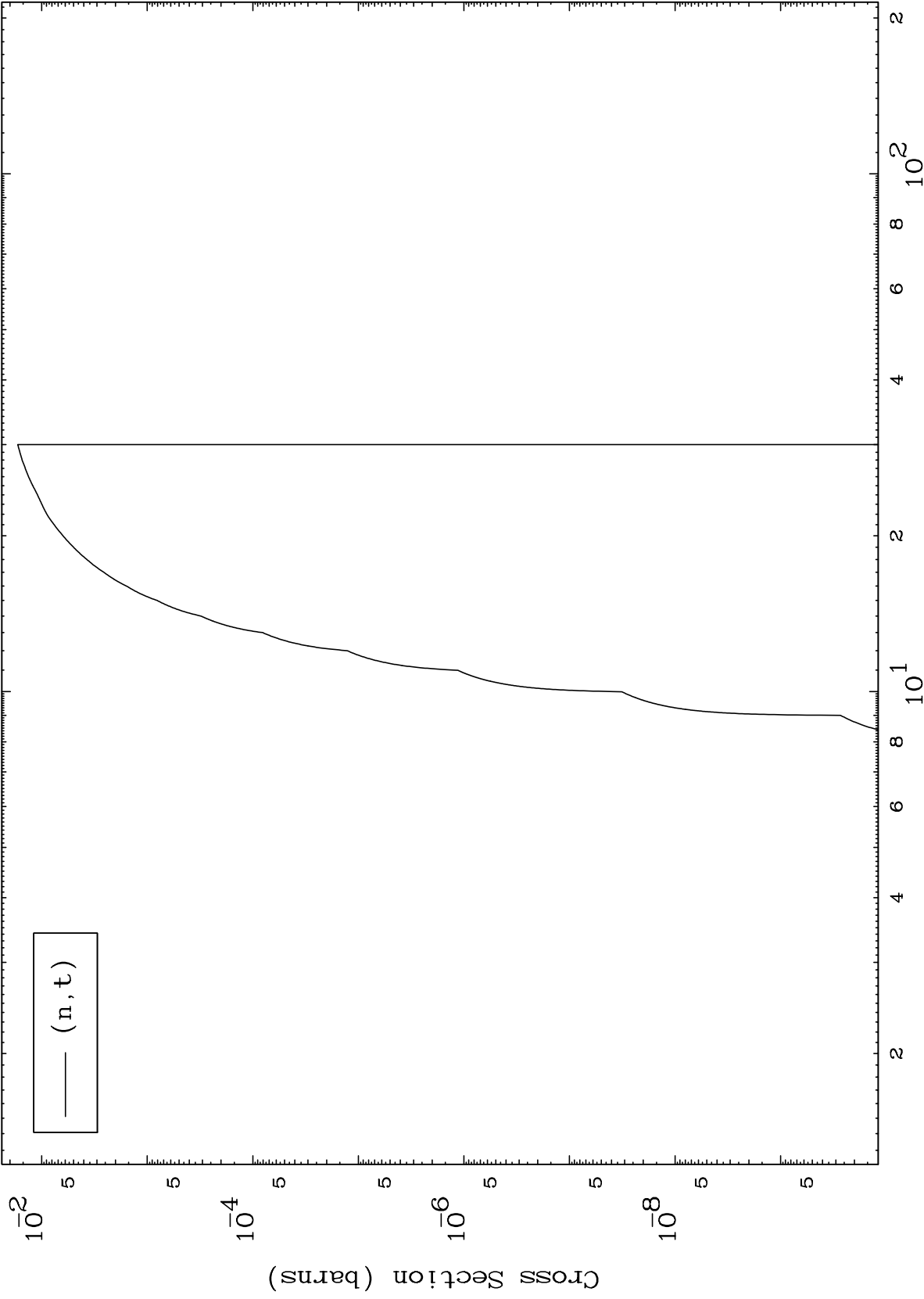
0 Kelvin Cross Sections



MAT 8193

(d,t) Levels
0 Kelvin Cross Sections

82-Pb-193m



10

Incident Energy (MeV)

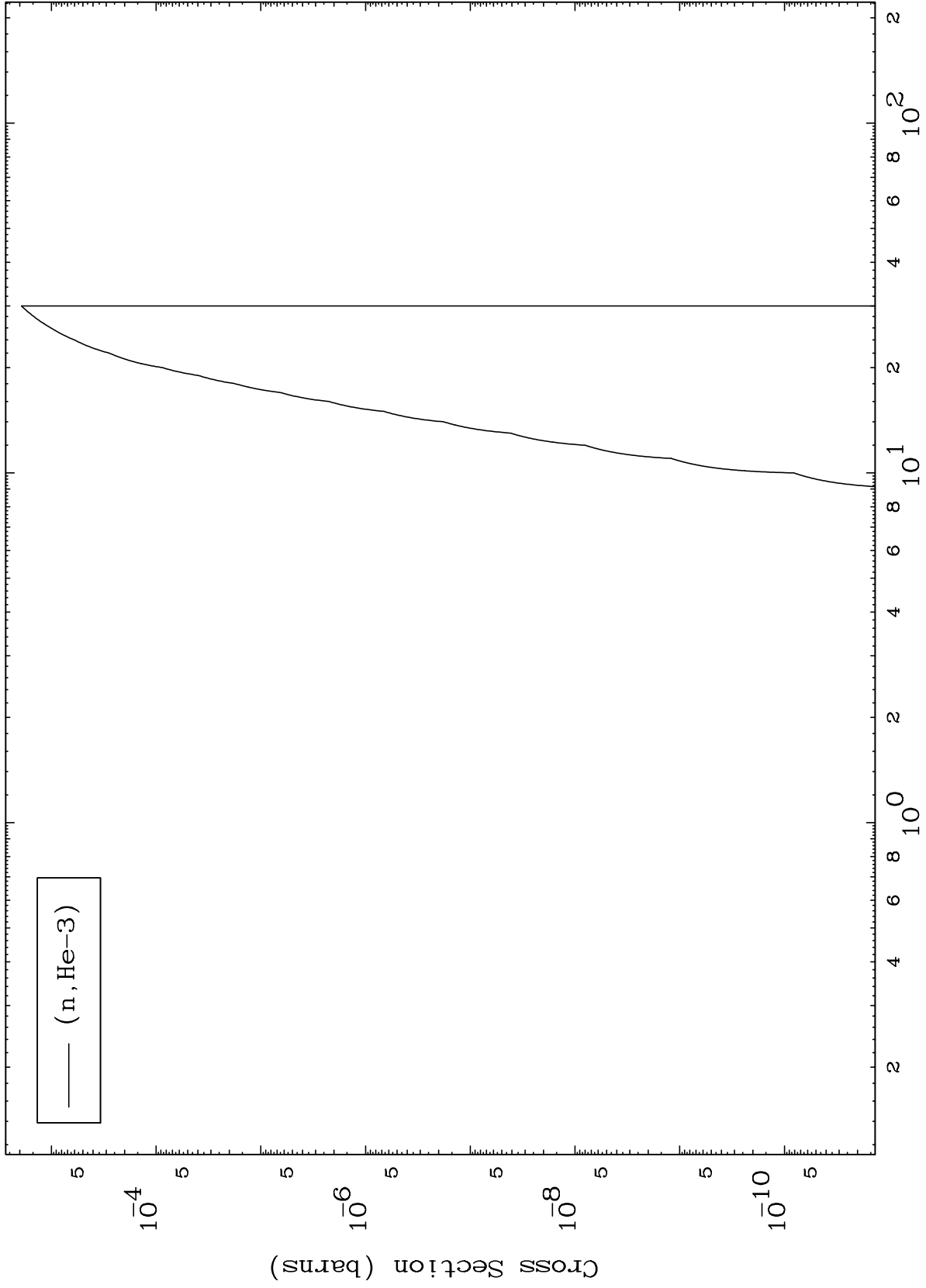
82-Pb-193m

MAT 8193

(d,He3) Levels

82-Pb-193m

0 Kelvin Cross Sections

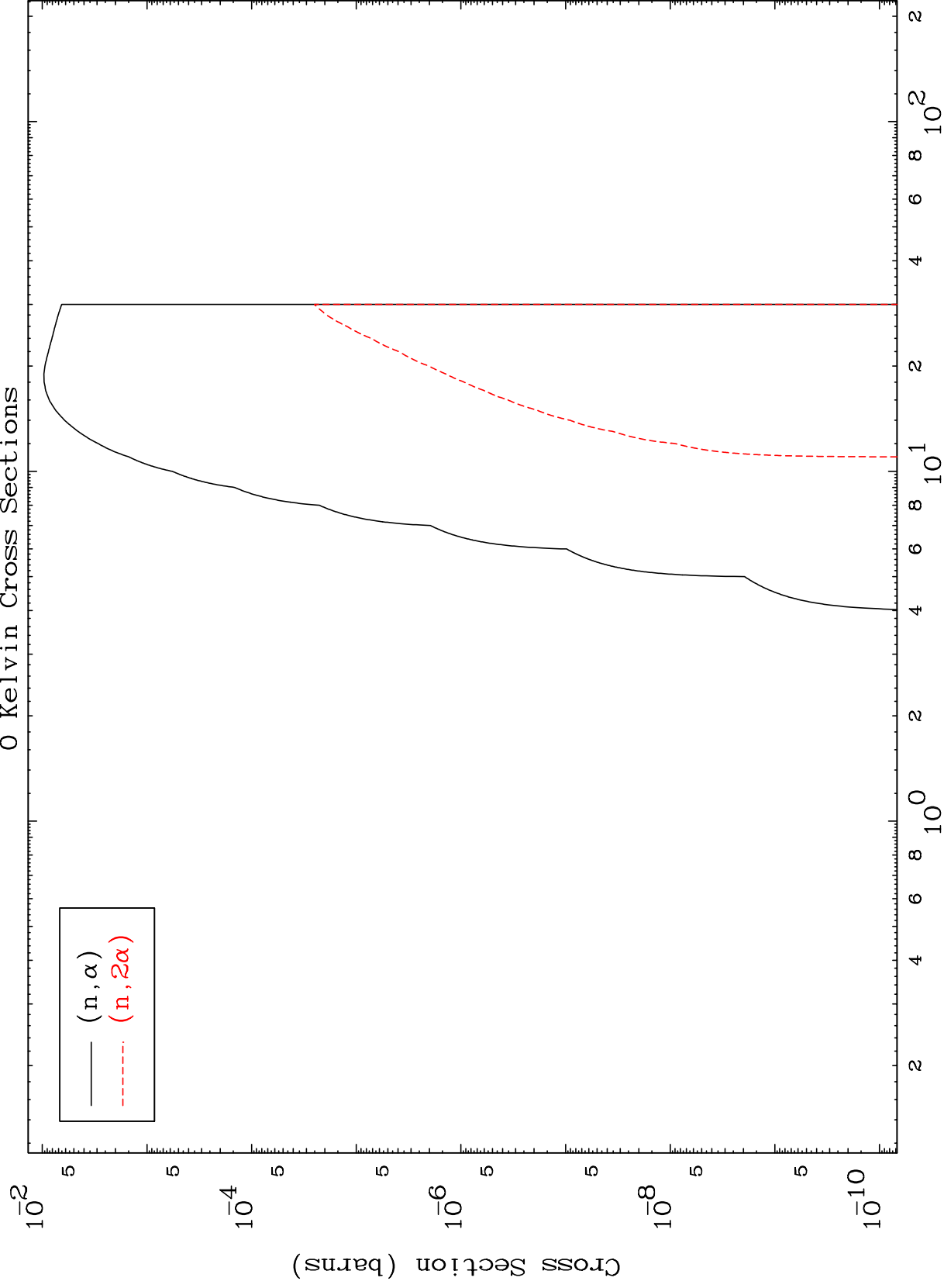


MAT 8193

(d, α) Levels

82-Pb-193m

0 Kelvin Cross Sections



12

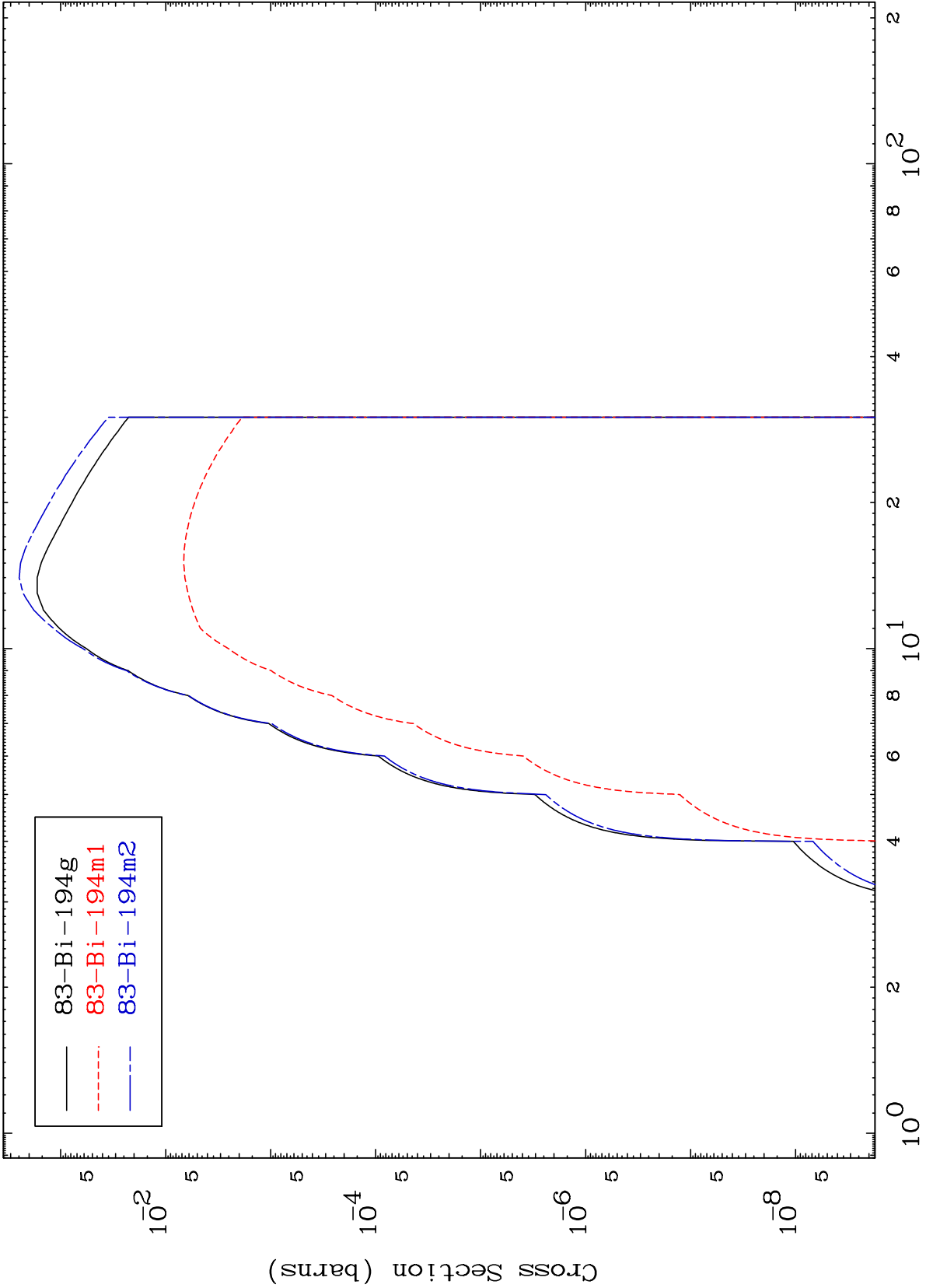
Incident Energy (MeV)

82-Pb-193m

MAT 8193

Radionuclide Production Cross Section

82-Pb-193m



Incident Energy (MeV)

82-Pb-193m

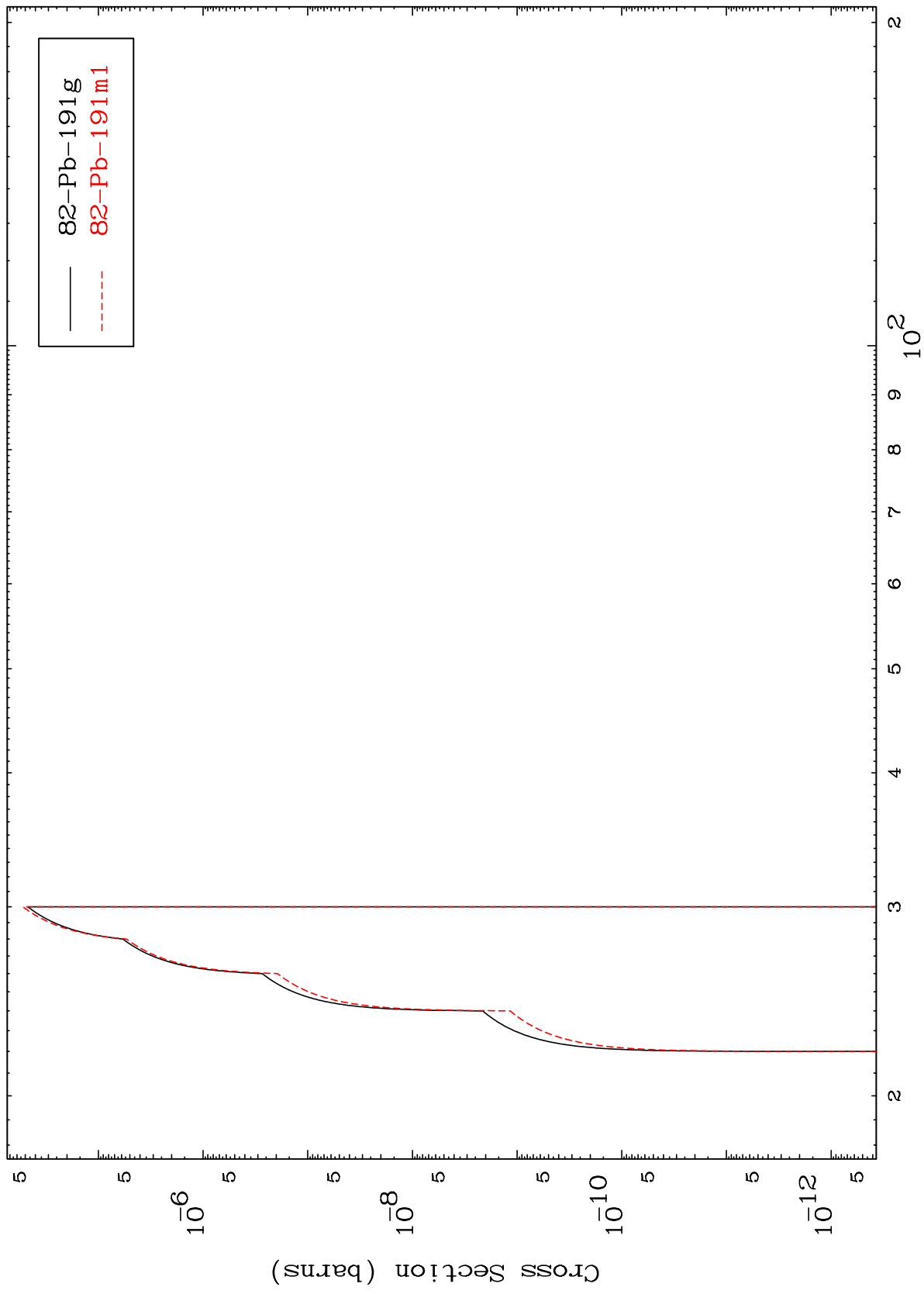
13

MAT 8193

(n,2n) d

82-Pb-193m

Radionuclide Production Cross Section



14

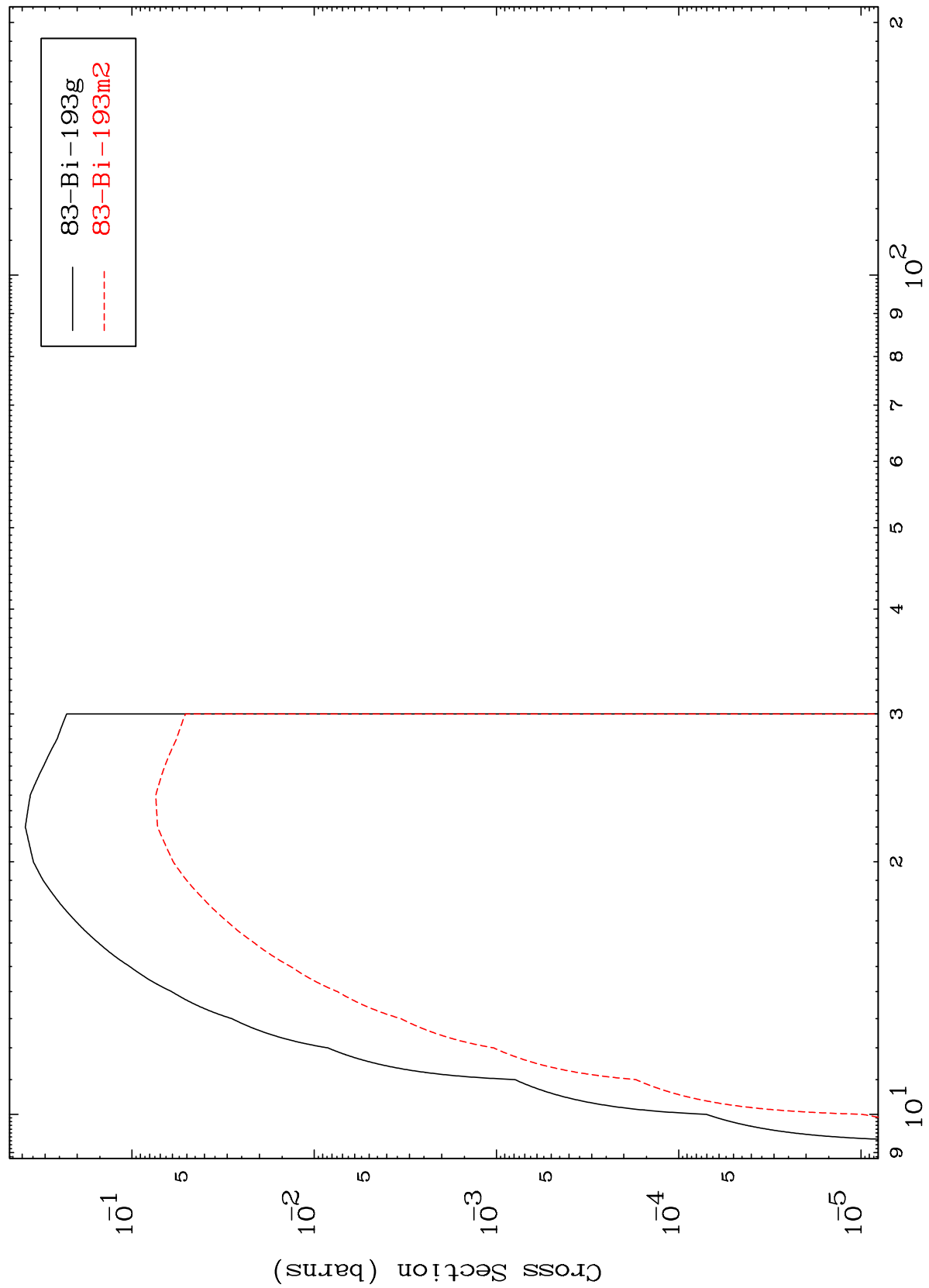
Incident Energy (MeV)

82-Pb-193m

MAT 8193

82-Pb-193m

(n,2n)
Radionuclide Production Cross Section



82-Pb-193m

Incident Energy (MeV)

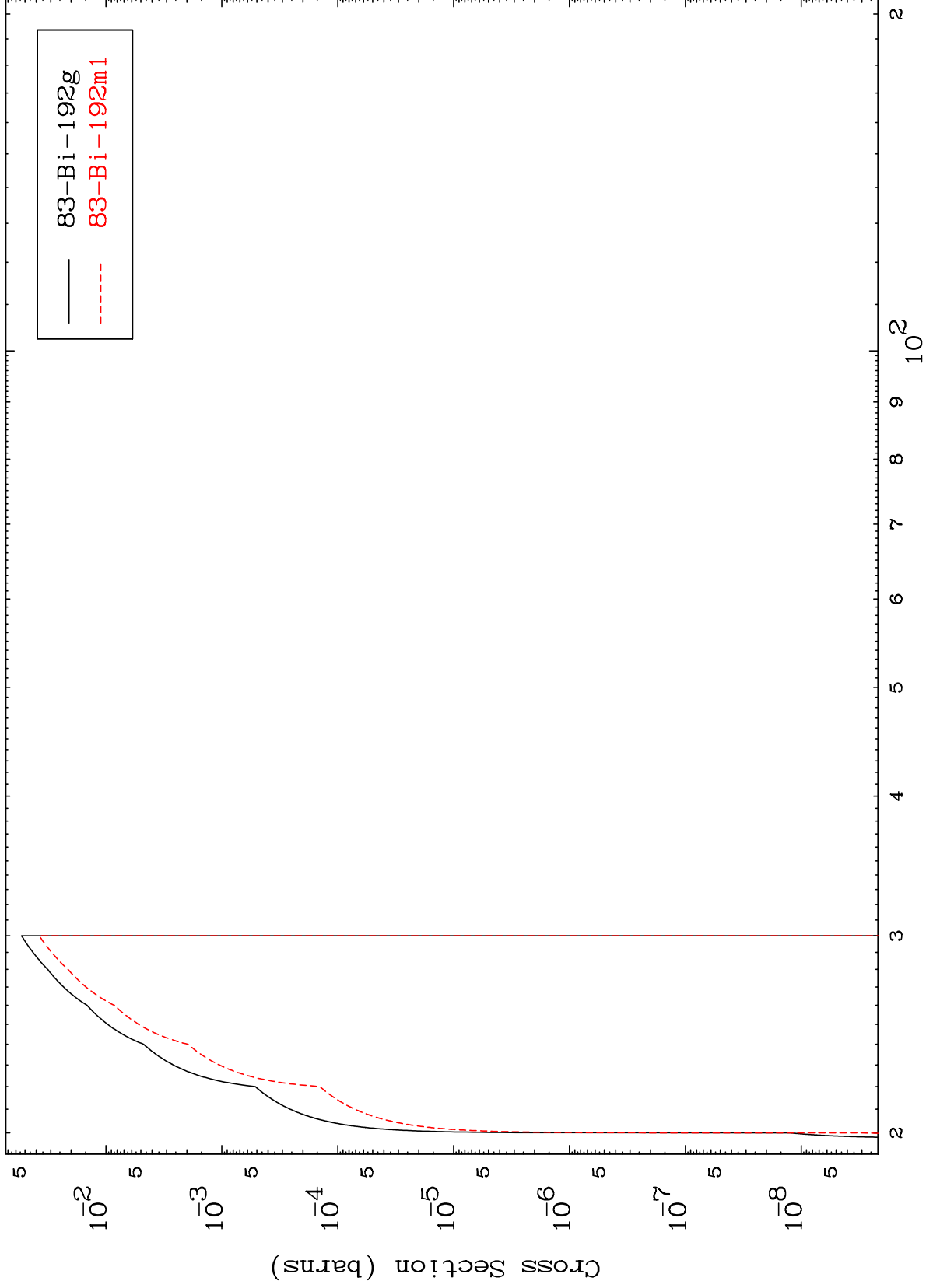
15

MAT 8193

(n,3n)

82-Pb-193m

Radionuclide Production Cross Section



16

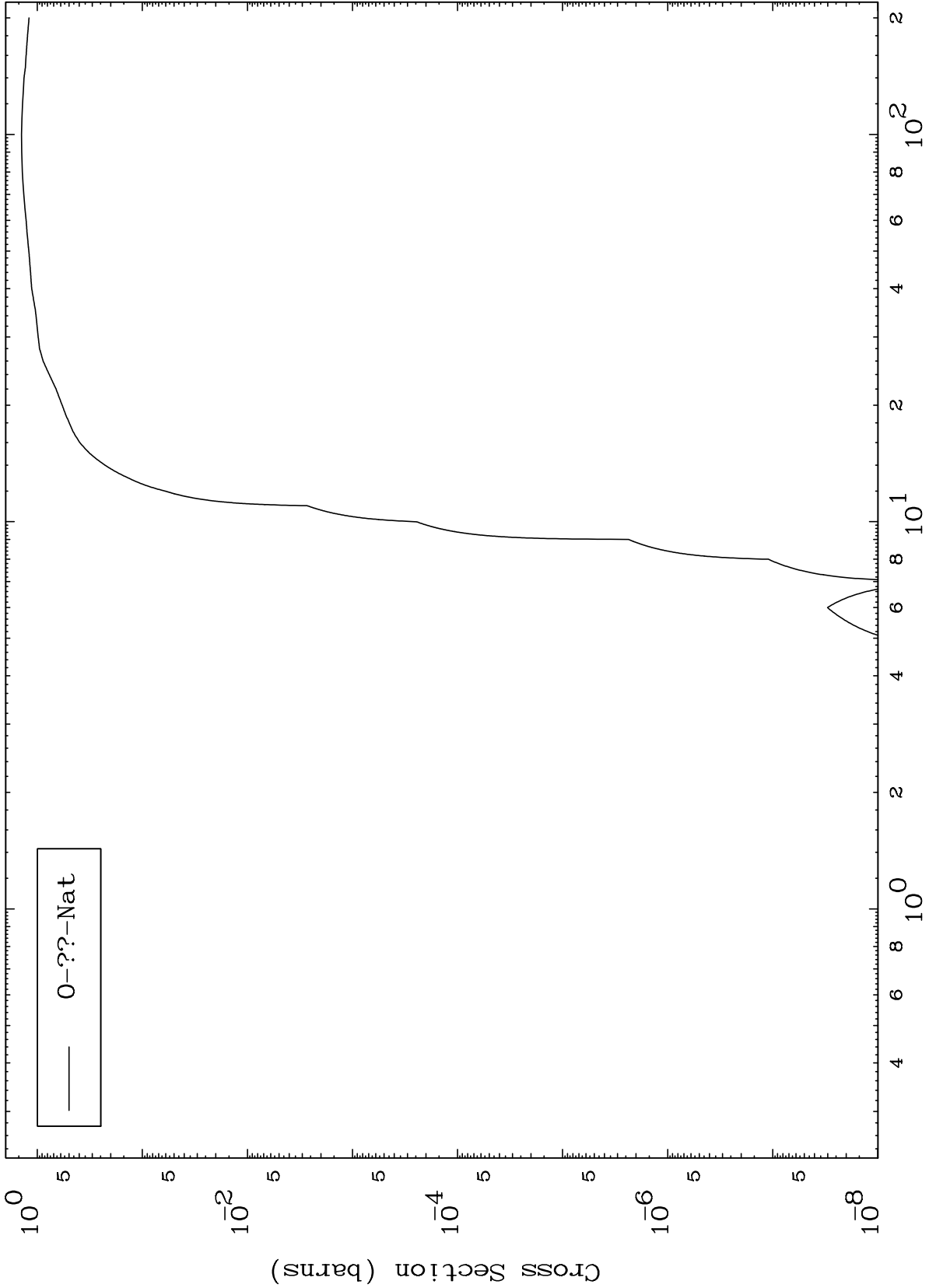
Incident Energy (MeV)

82-Pb-193m

MAT 8193

82-Pb-193m

Fission
Radionuclide Production Cross Section



82-Pb-193m

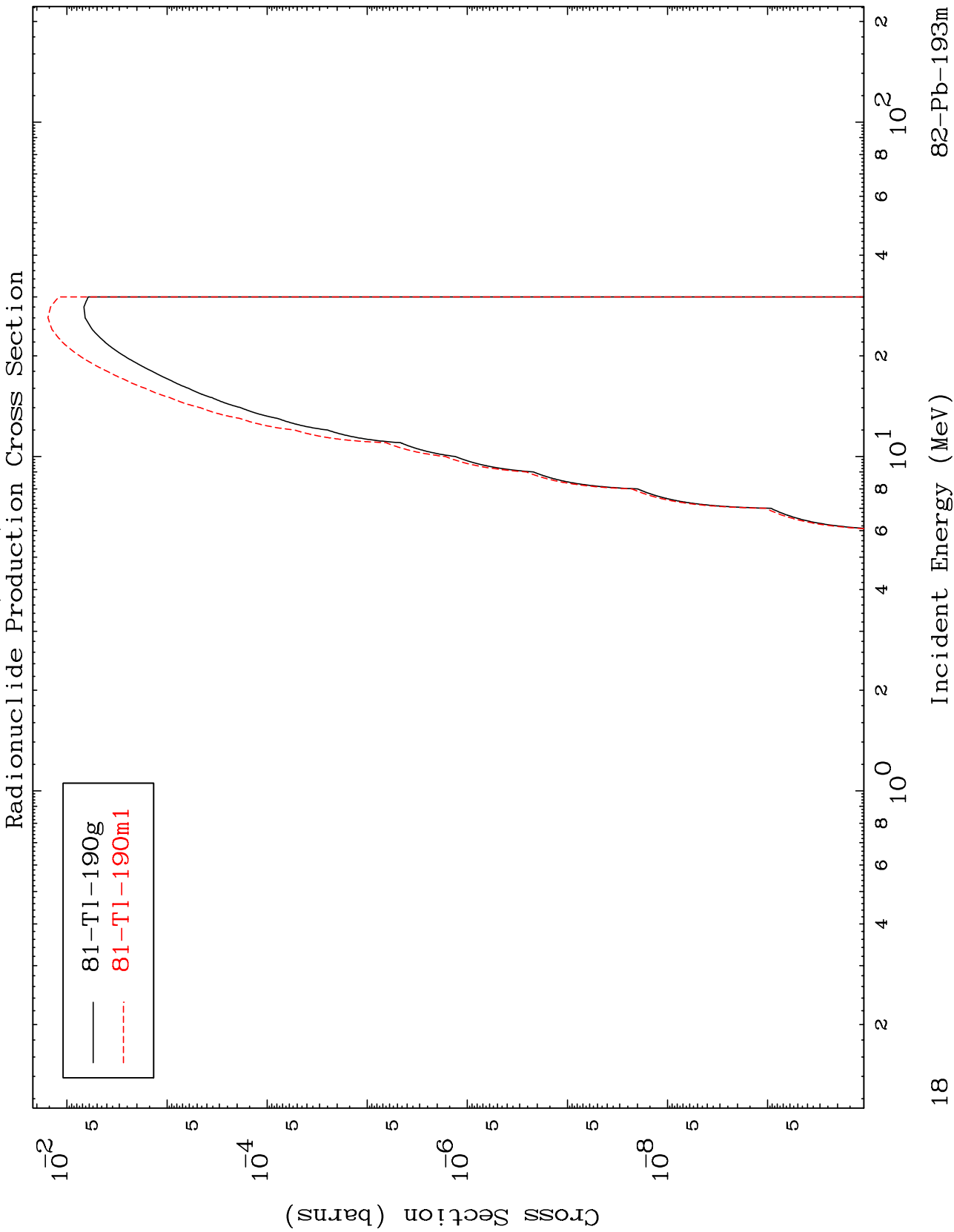
Incident Energy (MeV)

17

MAT 8193

$(n, n') \alpha$

82-Pb-193m

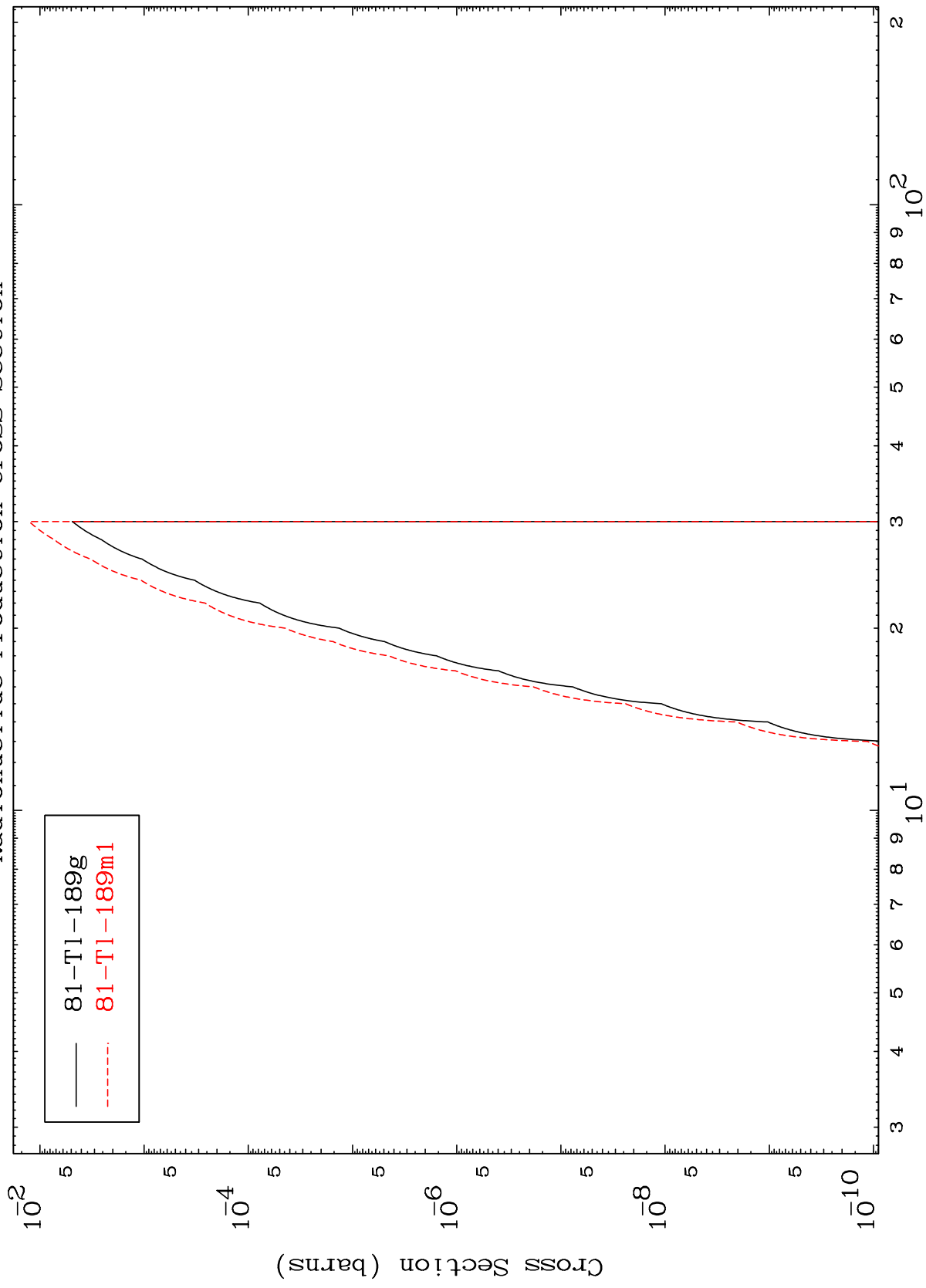


MAT 8193

$(n,2n) \alpha$

82-Pb-193m

Radionuclide Production Cross Section



19

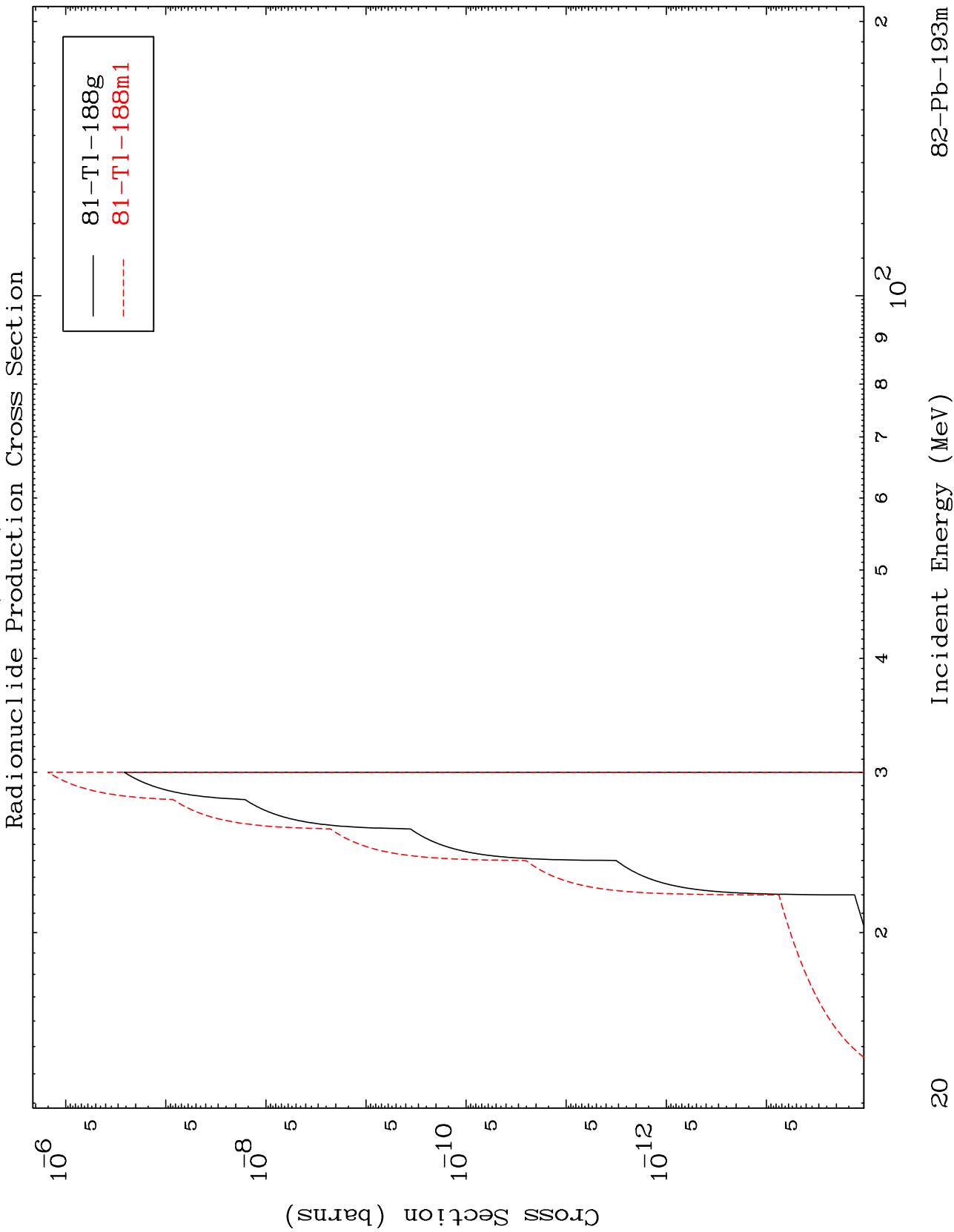
Incident Energy (MeV)

82-Pb-193m

MAT 8193

(n,3n) α

82-Pb-193m



20

Incident Energy (MeV)

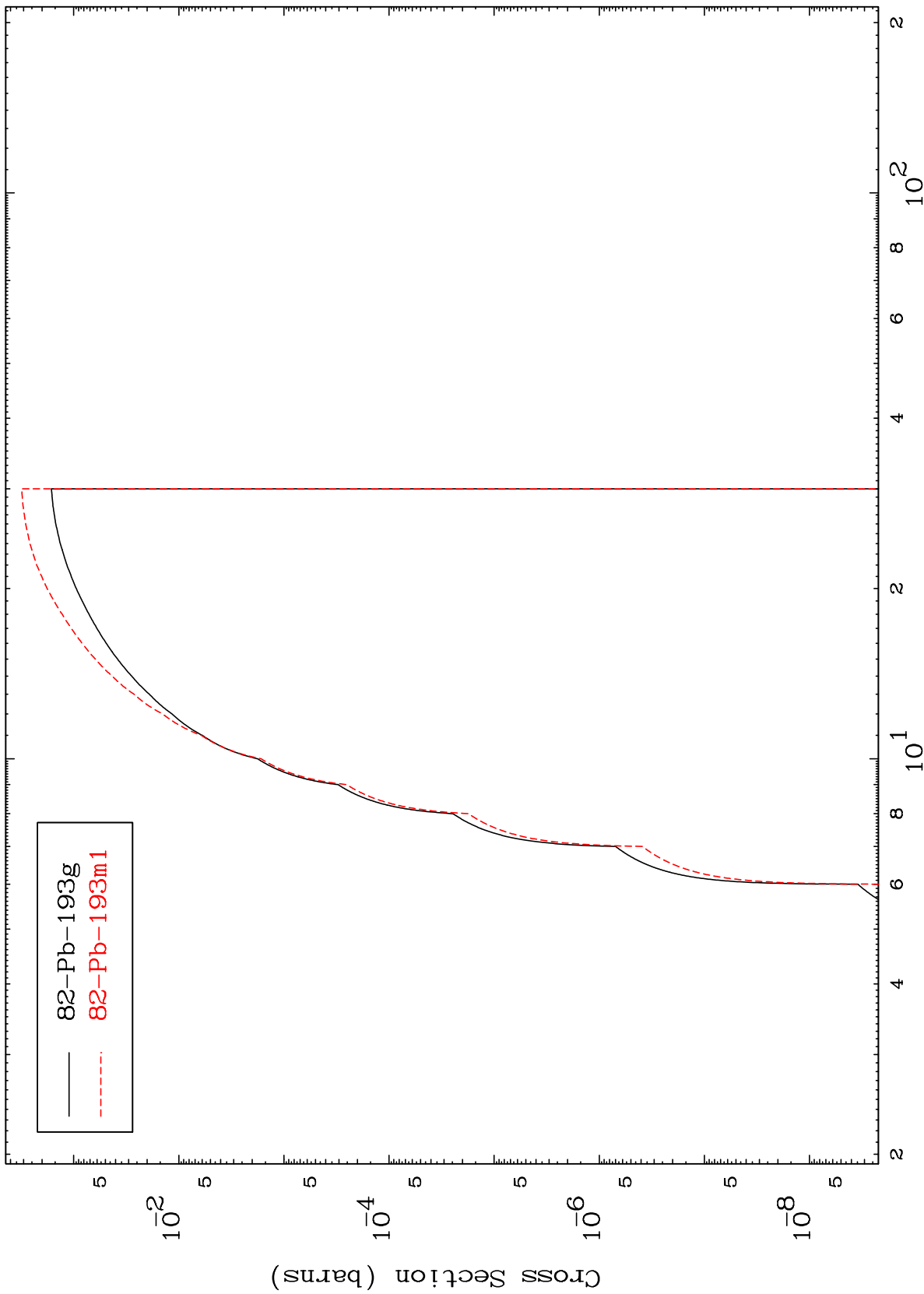
82-Pb-193m

MAT 8193

(n,n') p

82-Pb-193m

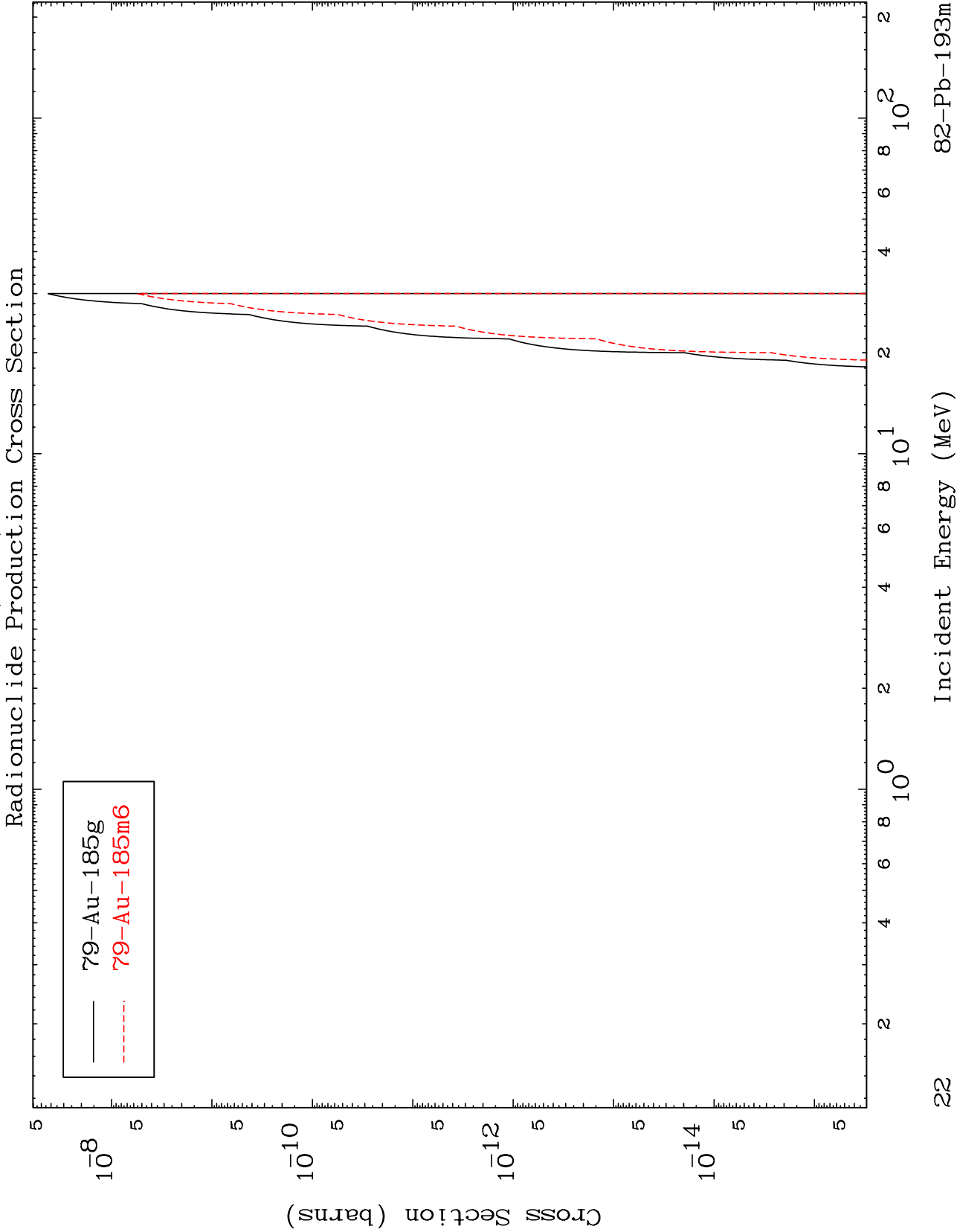
Radionuclide Production Cross Section



MAT 8193

(n,2n) 2 α

82-Pb-193m

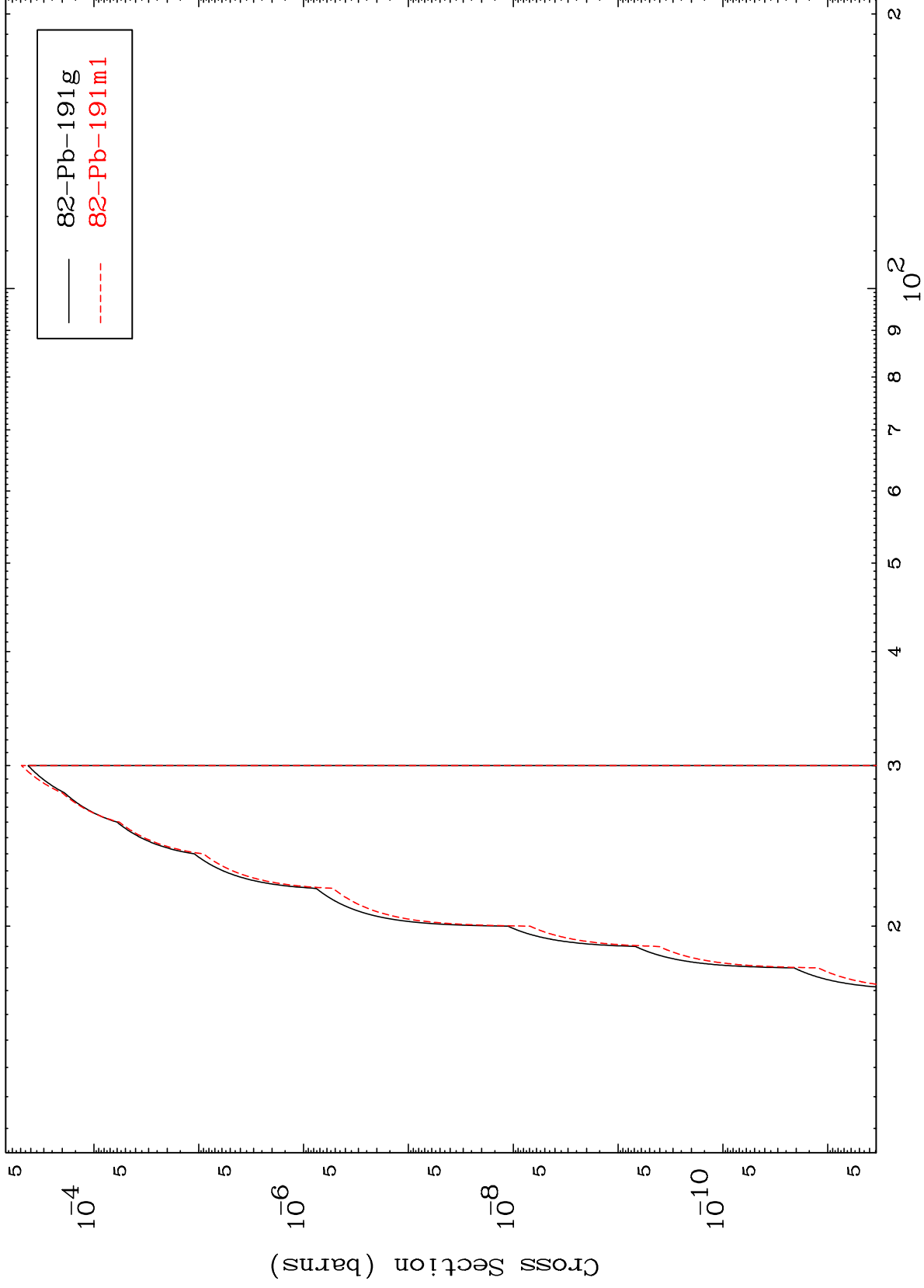


MAT 8193

(n,n') t

82-Pb-193m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

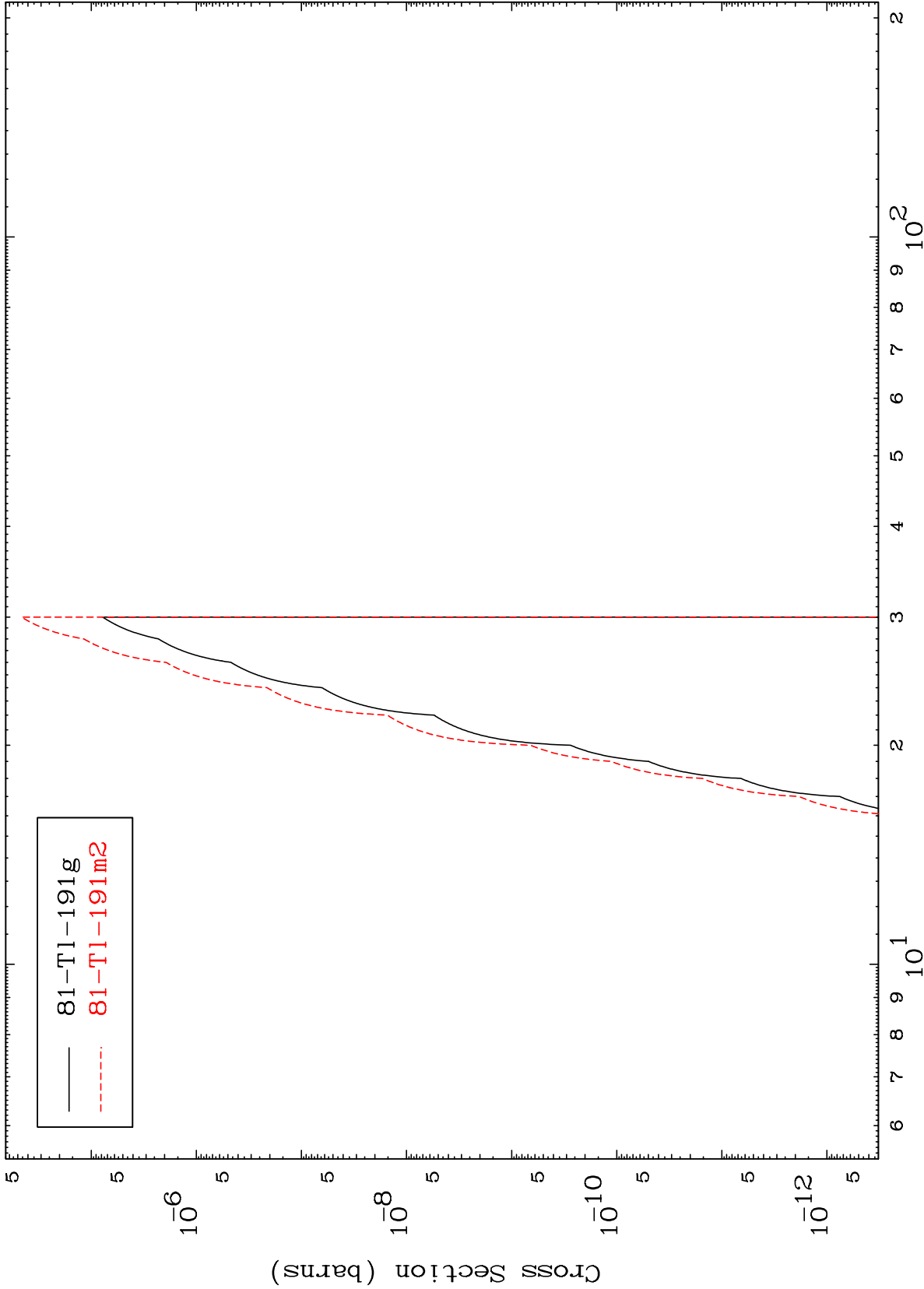
82-Pb-193m

MAT 8193

(n,n') He-3

82-Pb-193m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

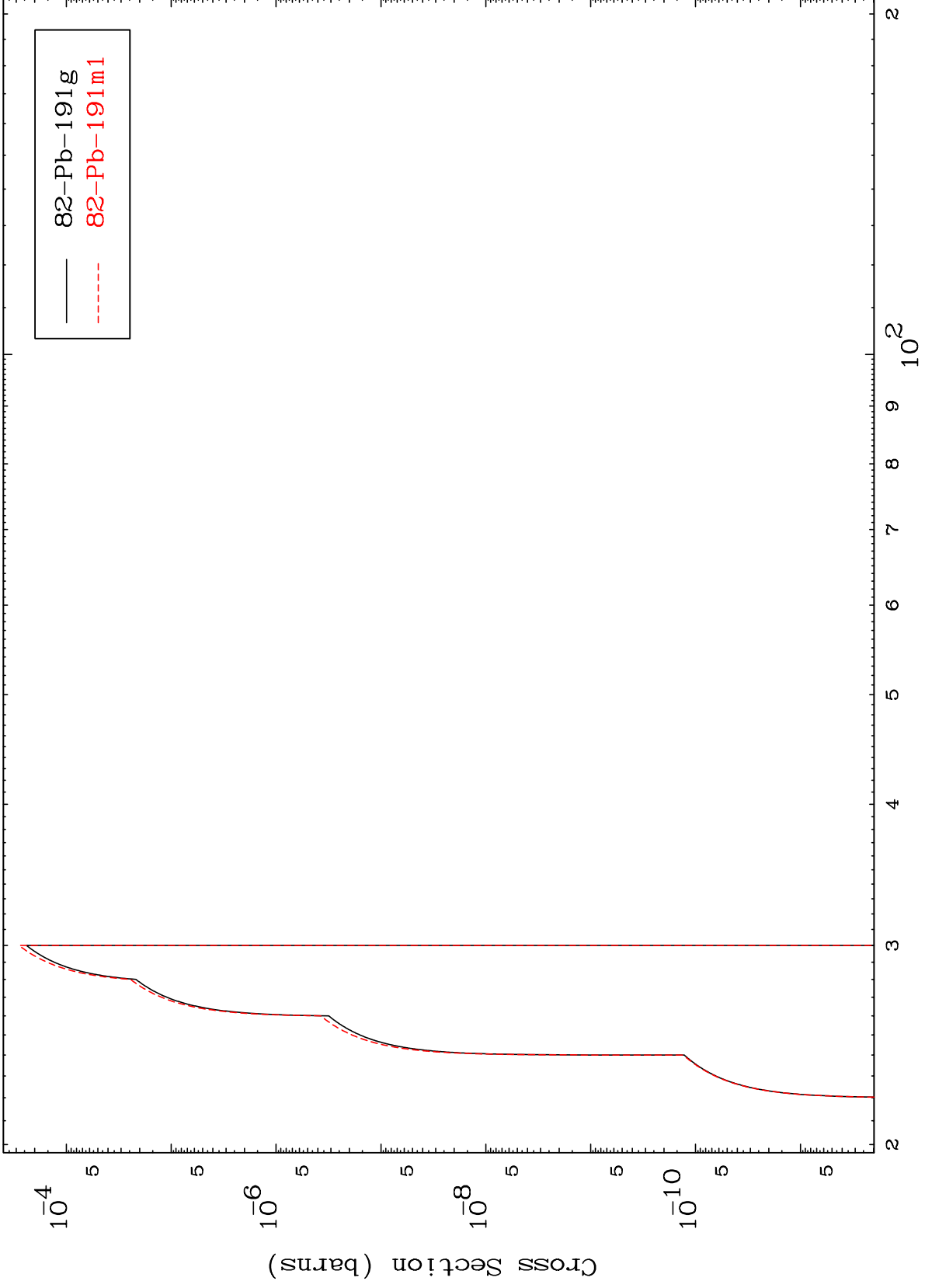
82-Pb-193m

MAT 8193

(n,3n) p

82-Pb-193m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

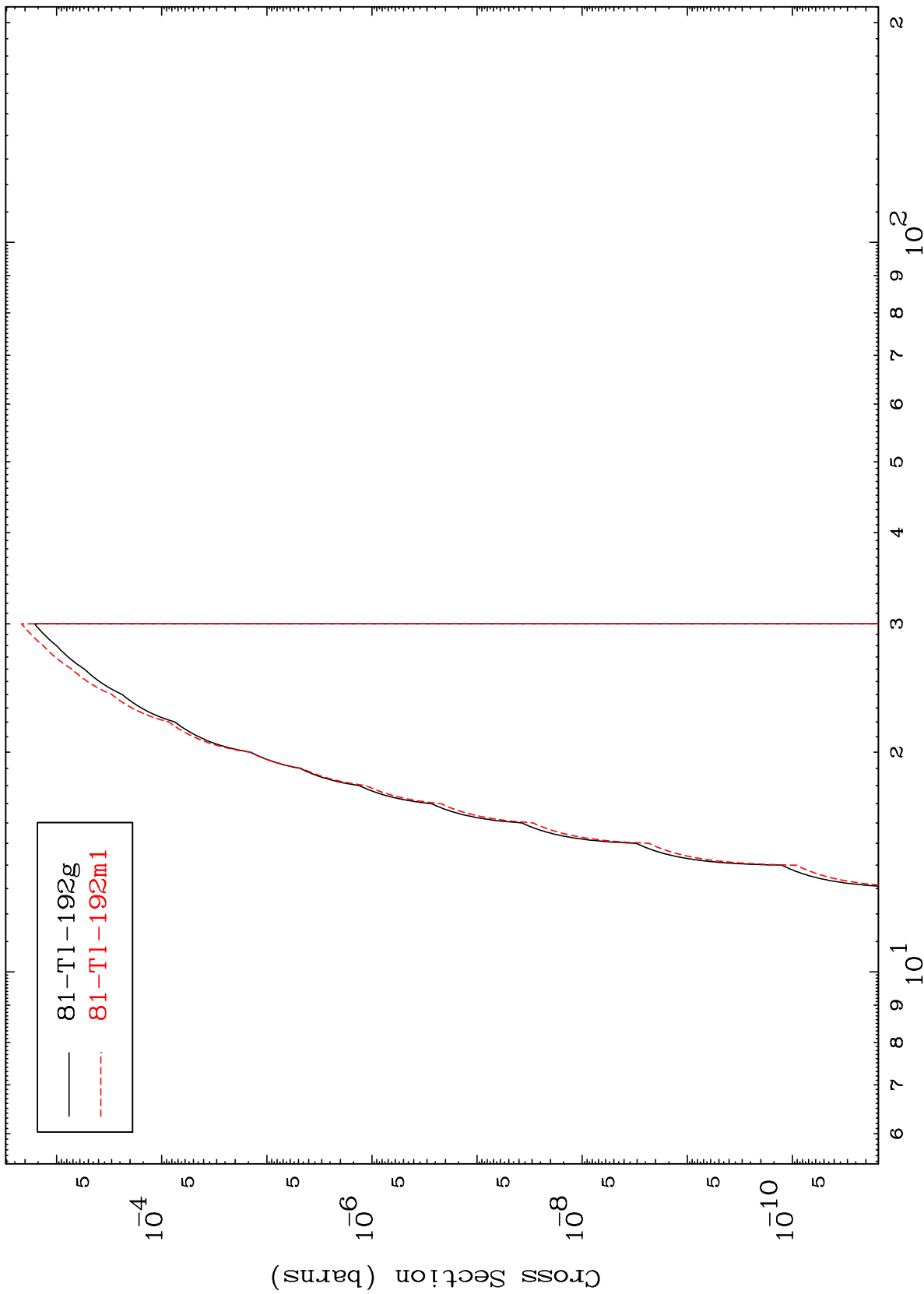
82-Pb-193m

MAT 8193

(n,2n) p

82-Pb-193m

Radionuclide Production Cross Section



26

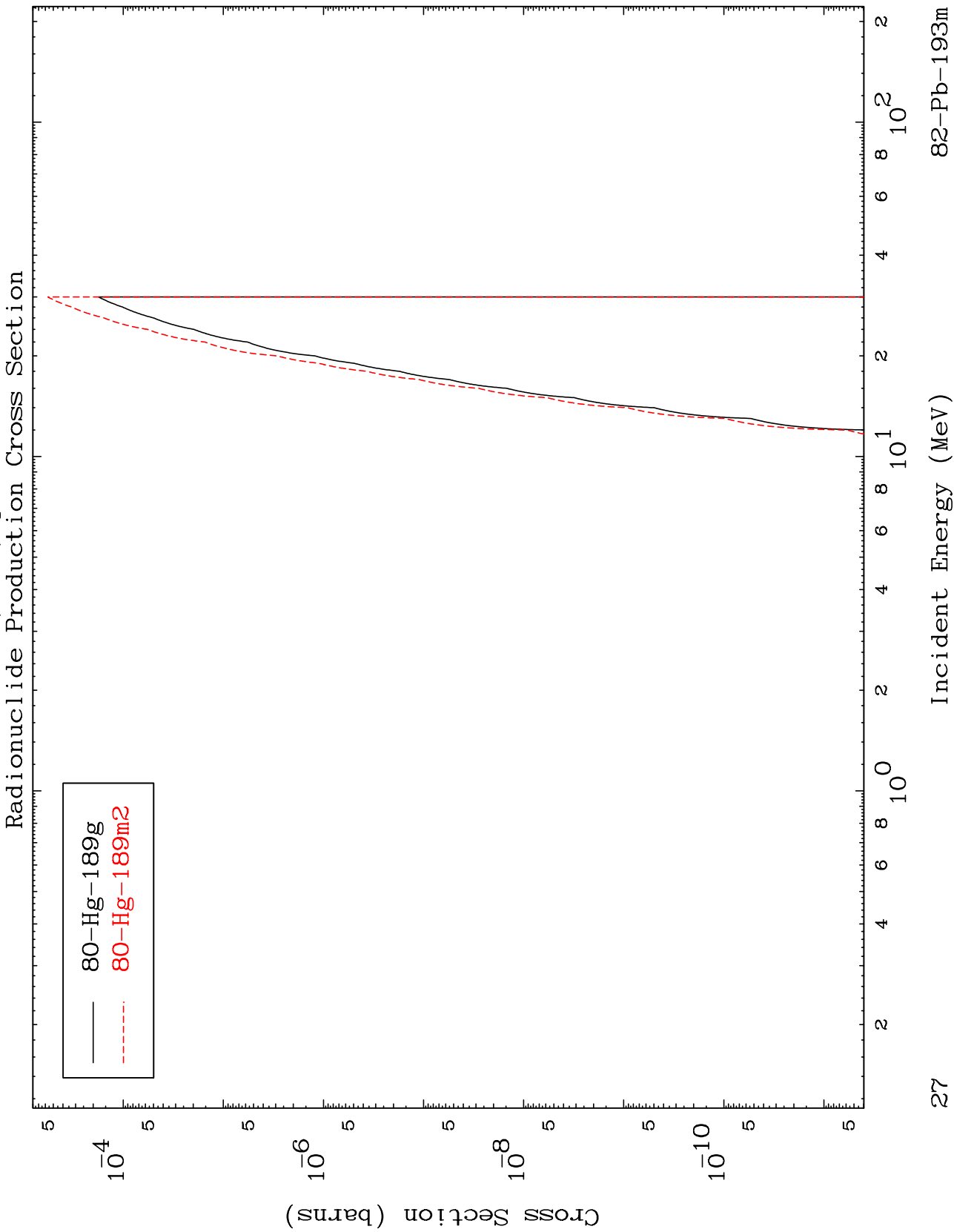
Incident Energy (MeV)

82-Pb-193m

MAT 8193

(n,n') p α

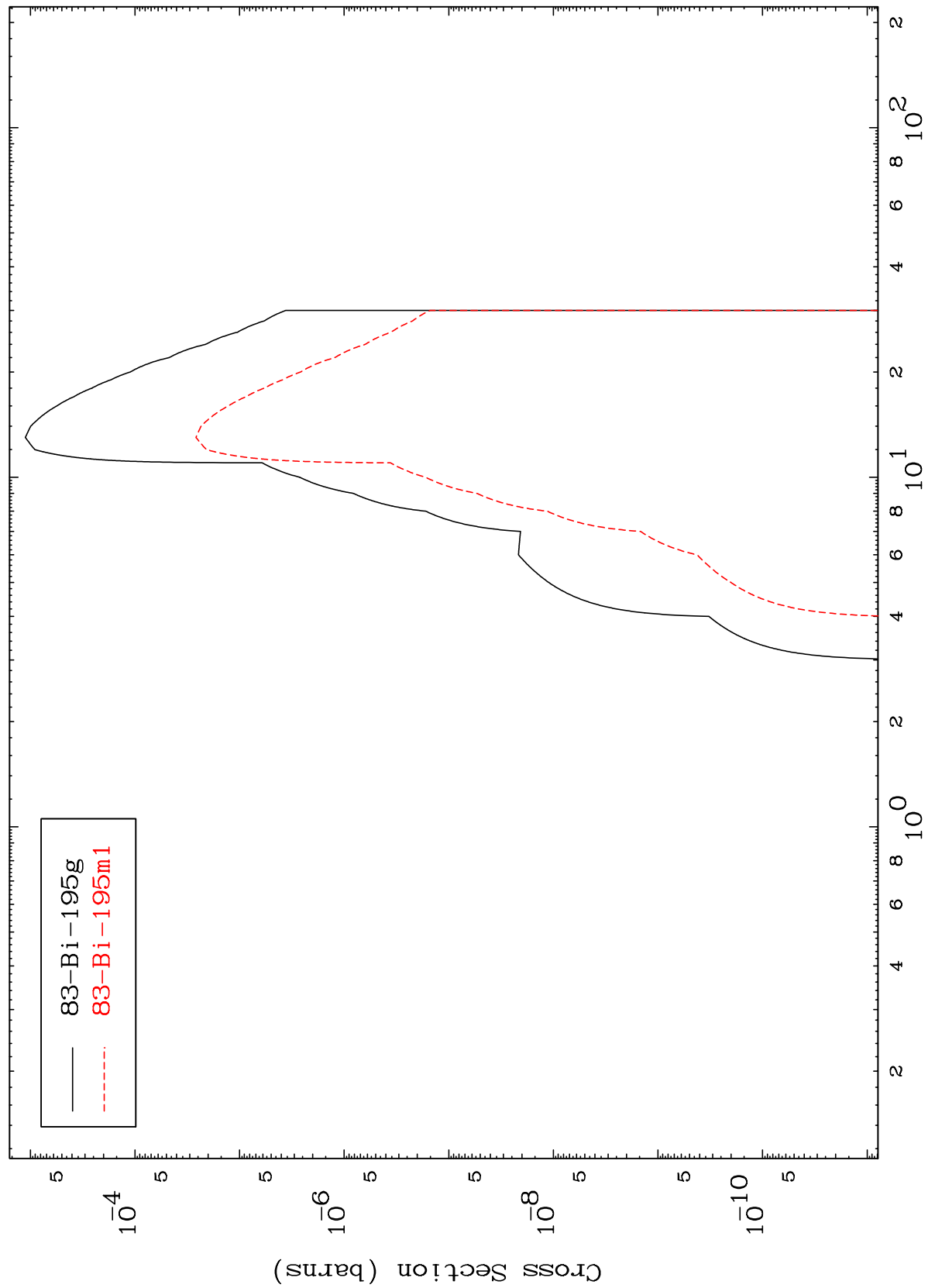
82-Pb-193m



MAT 8193

82-Pb-193m

Radionuclide Production Cross Section
(n, γ)

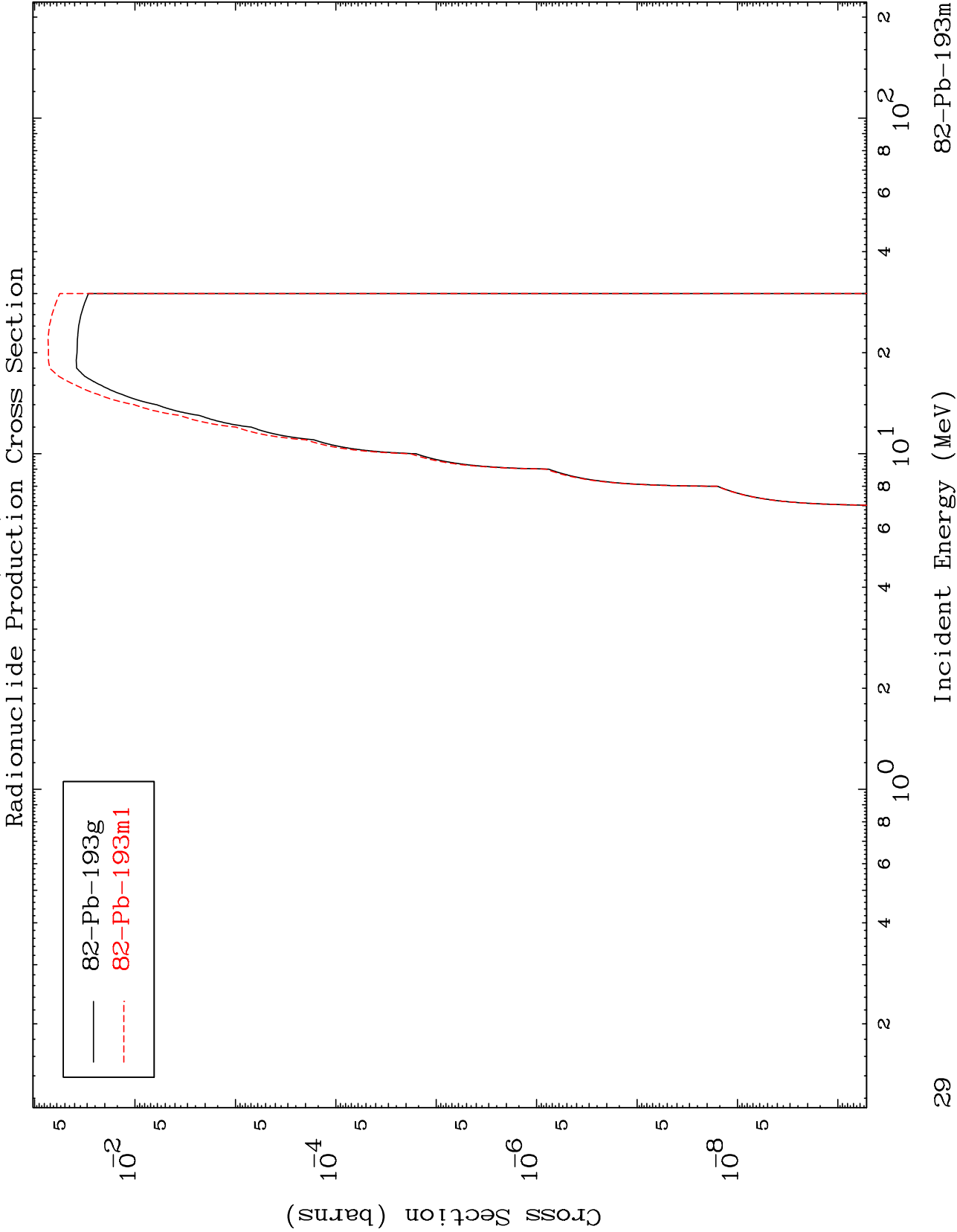


82-Pb-193m

Incident Energy (MeV)

MAT 8193

⁸²Pb-193m

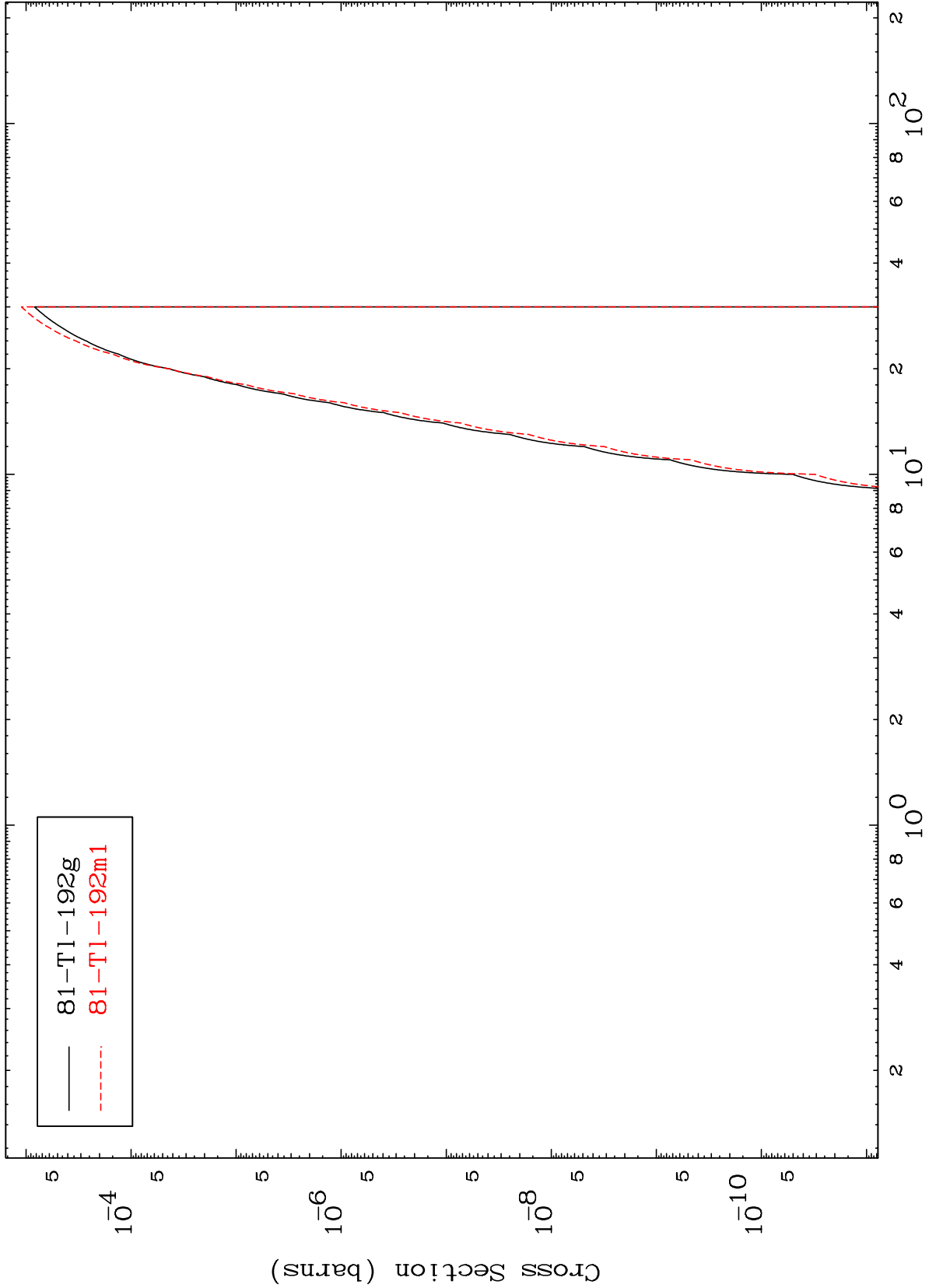


MAT 8193

(n,He-3)

82-Pb-193m

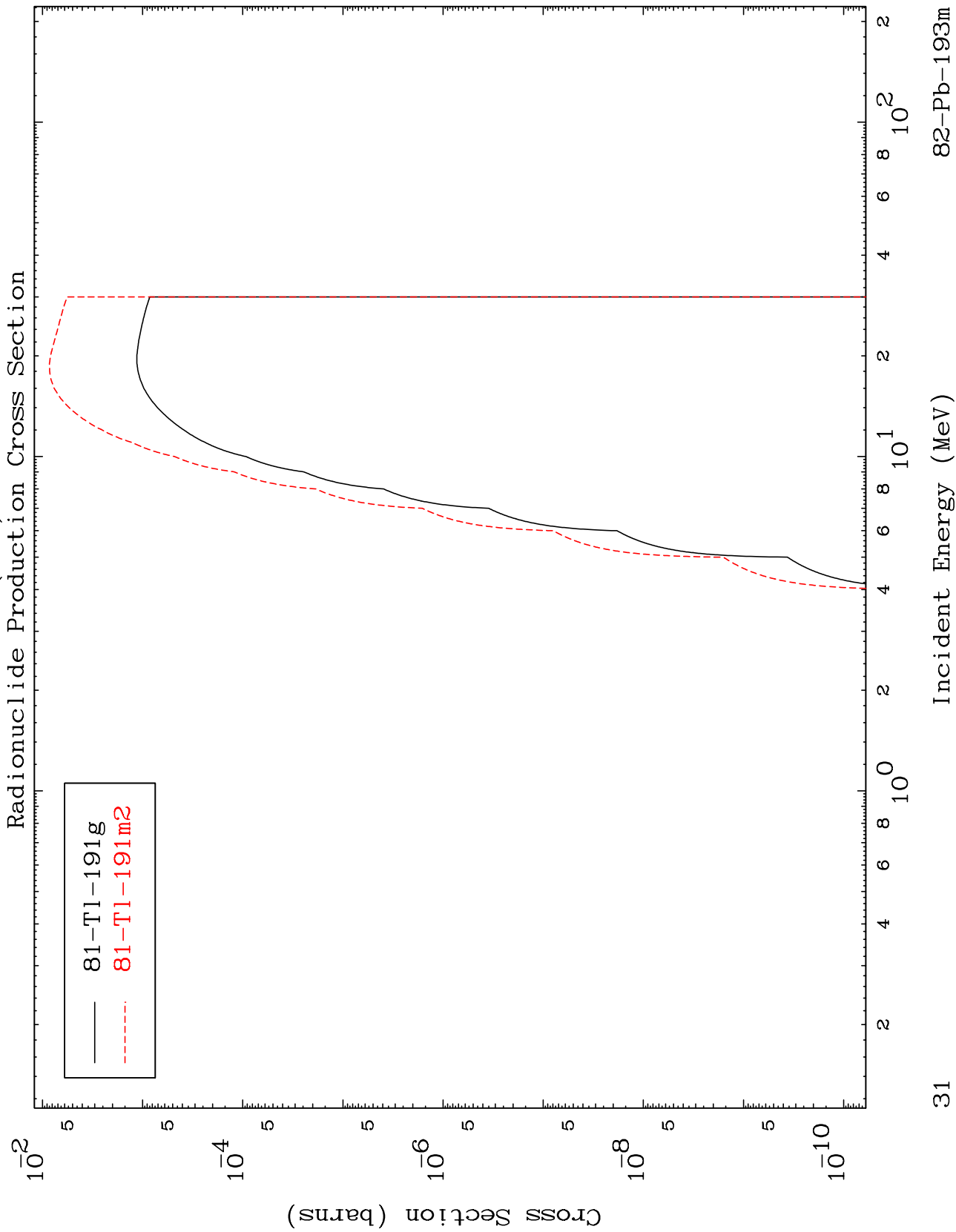
Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

MAT 8193

82-Pb-193m

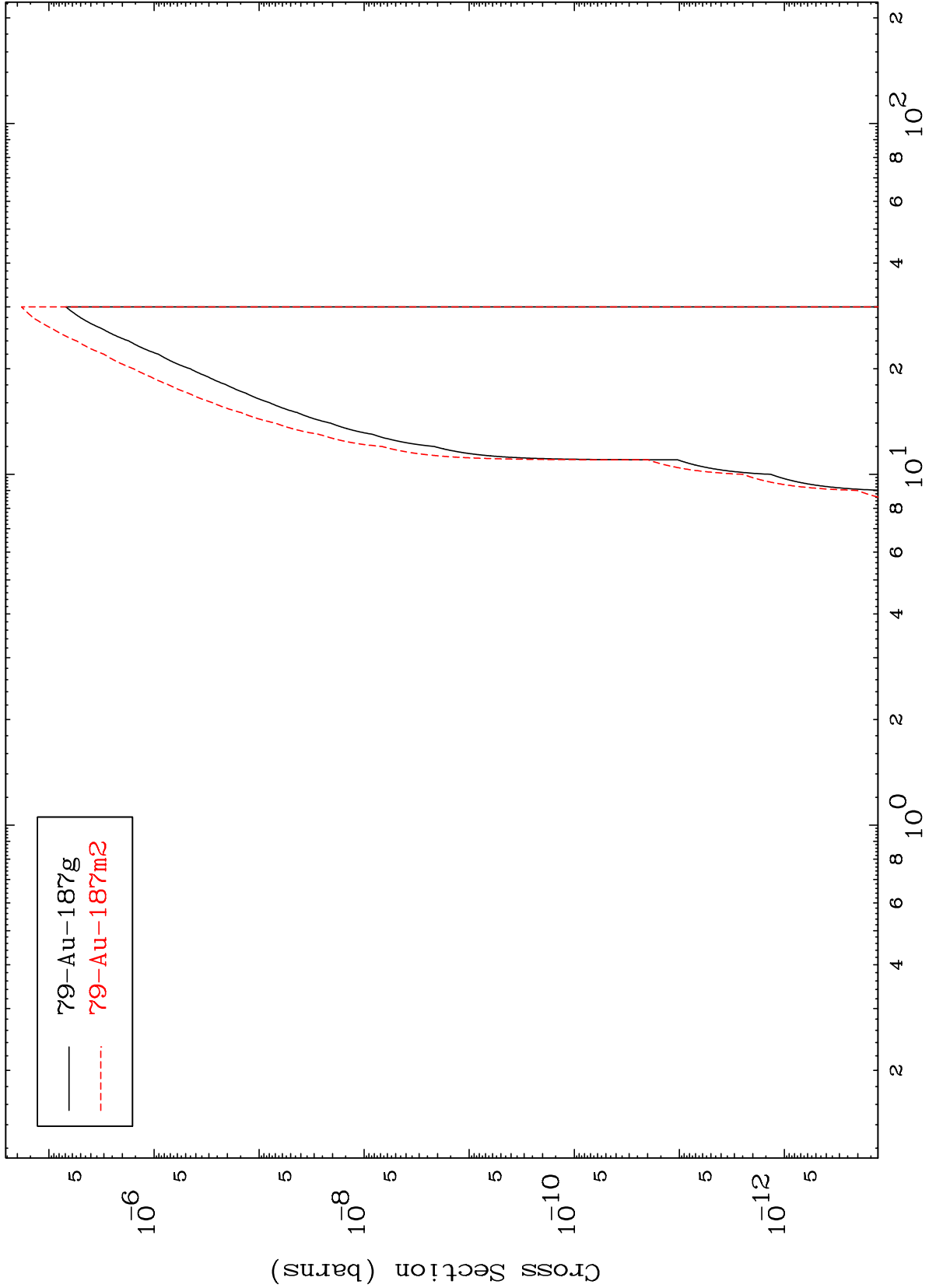


MAT 8193

(n,2α)

82-Pb-193m

Radionuclide Production Cross Section



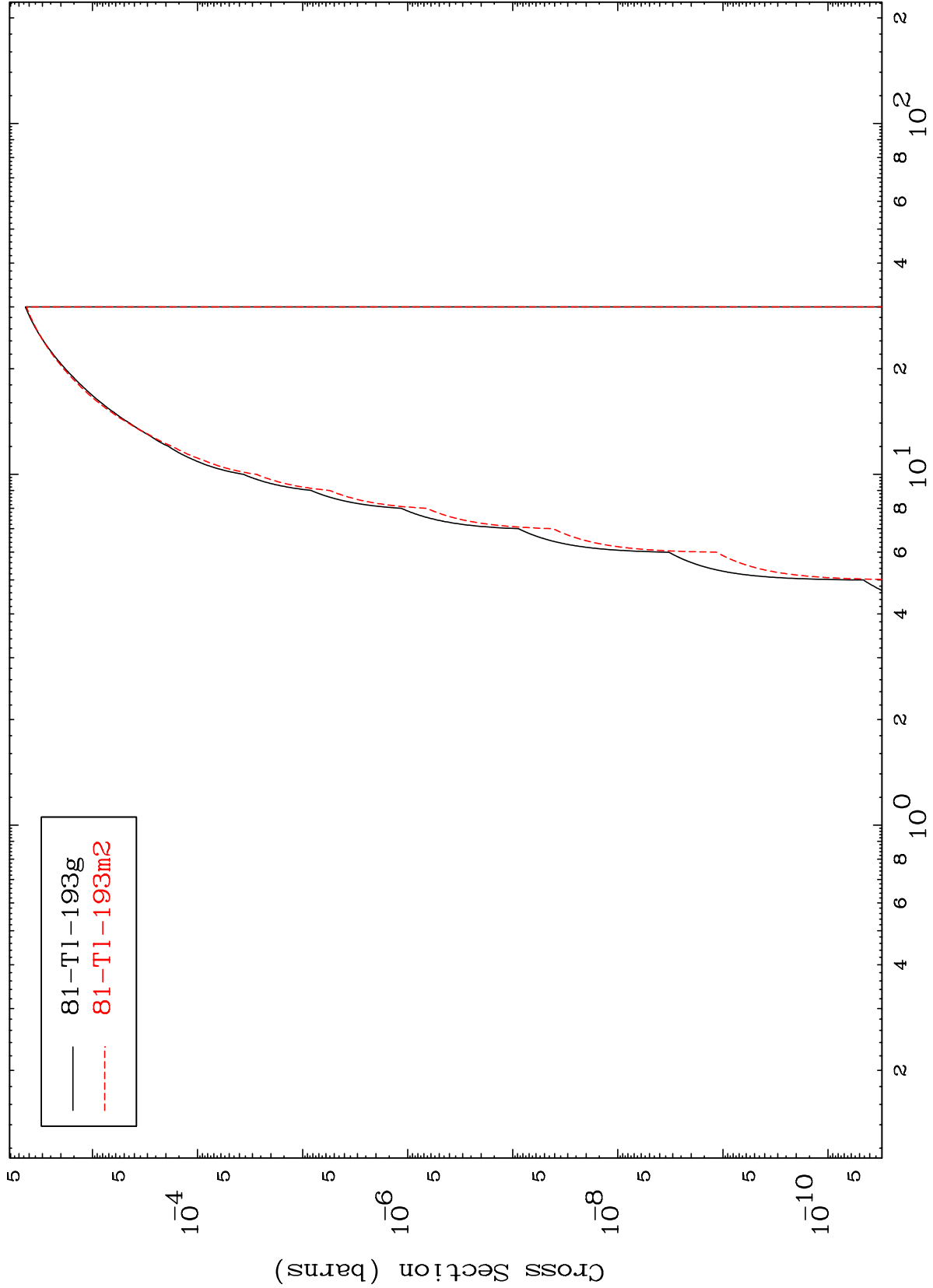
— 79-Au-187g
- - - 79-Au-187m2

Cross Section (barns)

MAT 8193

⁸²Pb-193m

(n,2p)
Radionuclide Production Cross Section



⁸²Pb-193m

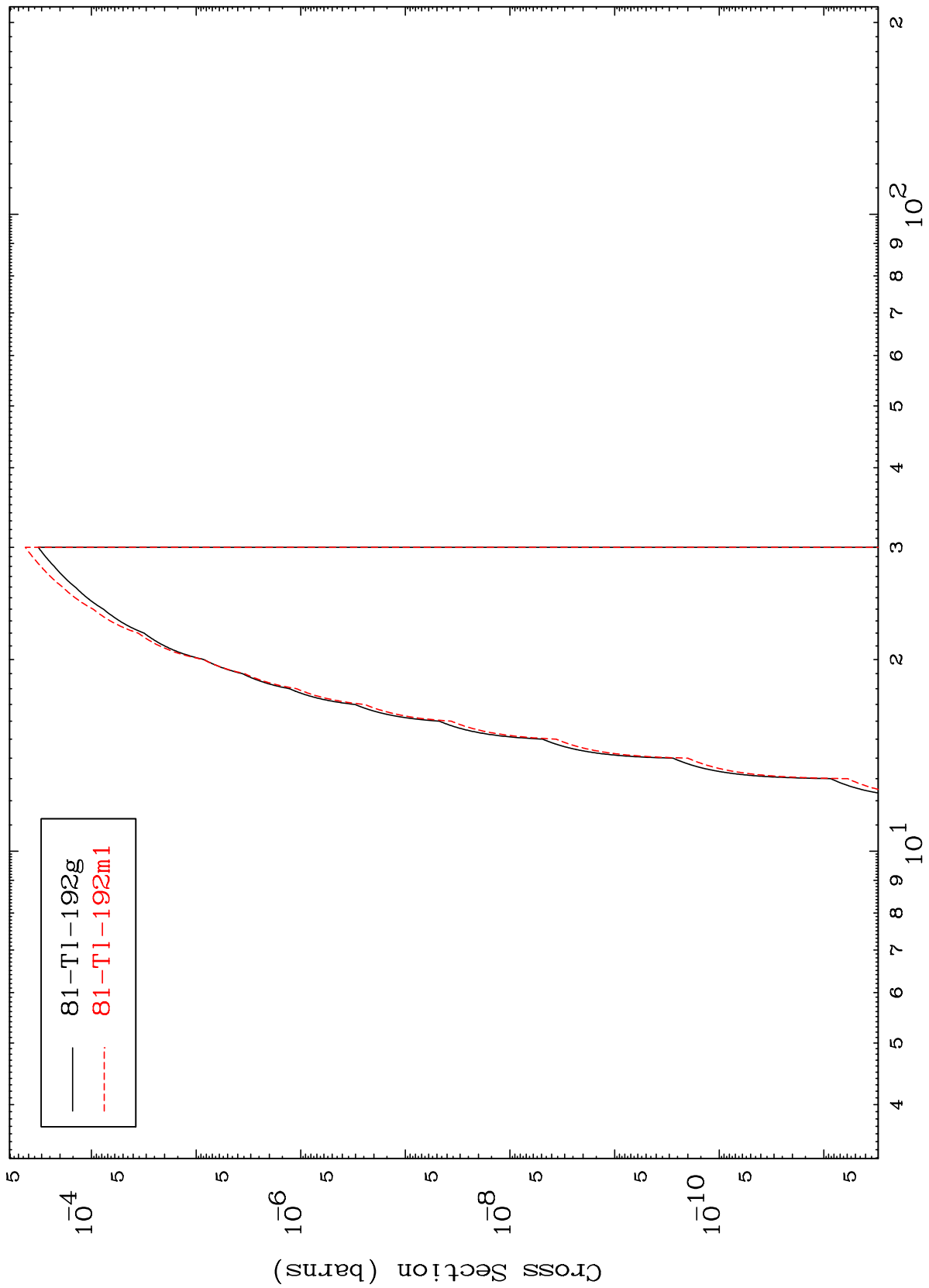
Incident Energy (MeV)

MAT 8193

(n,p) d

82-Pb-193m

Radionuclide Production Cross Section



34

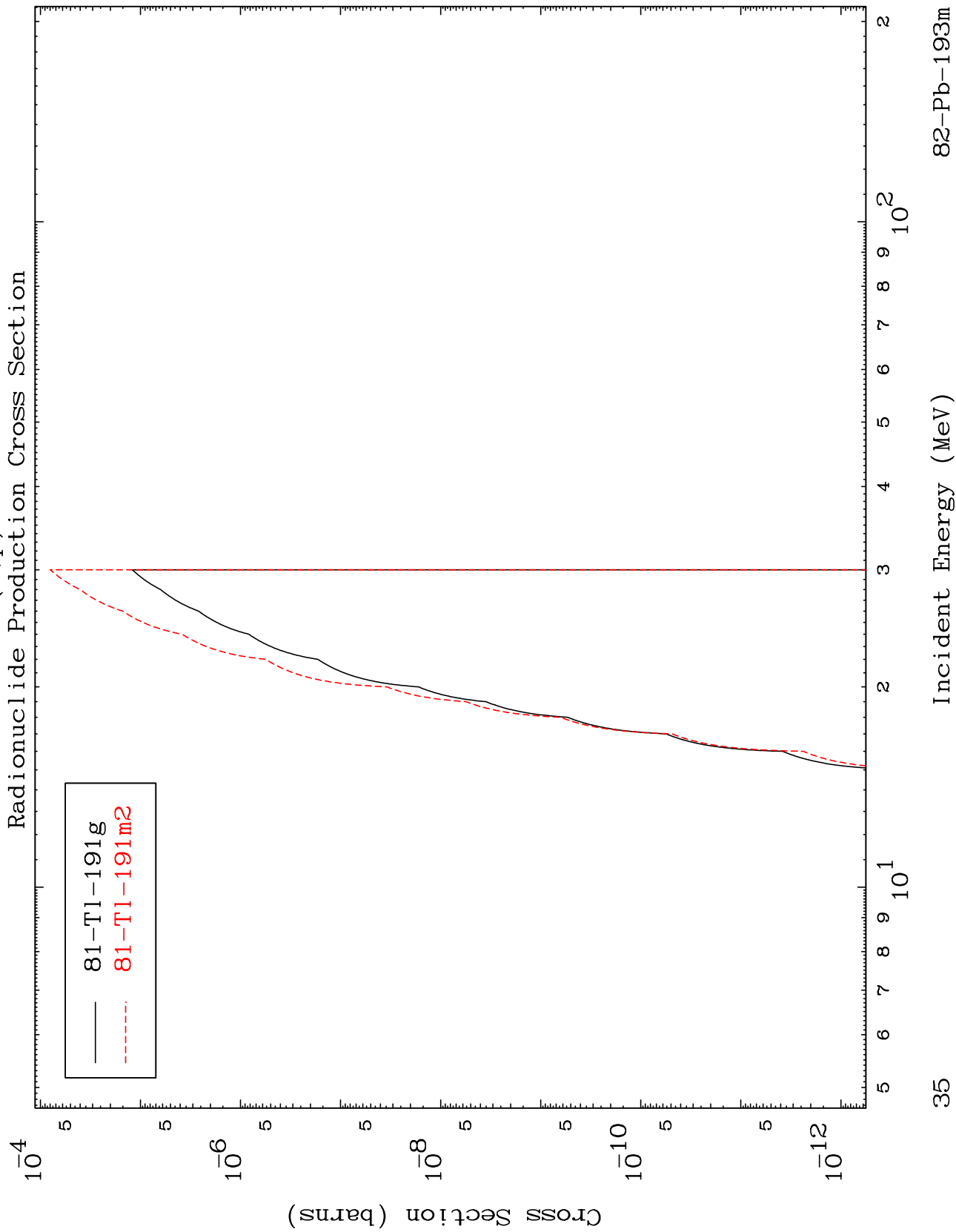
Incident Energy (MeV)

82-Pb-193m

MAT 8193

(n,p) t

82-Pb-193m



35

Incident Energy (MeV)

82-Pb-193m

MAT 8193

(n,d) α

⁸²Pb-193m

