

Program EVALPLOT
(Version 2021-1)

by

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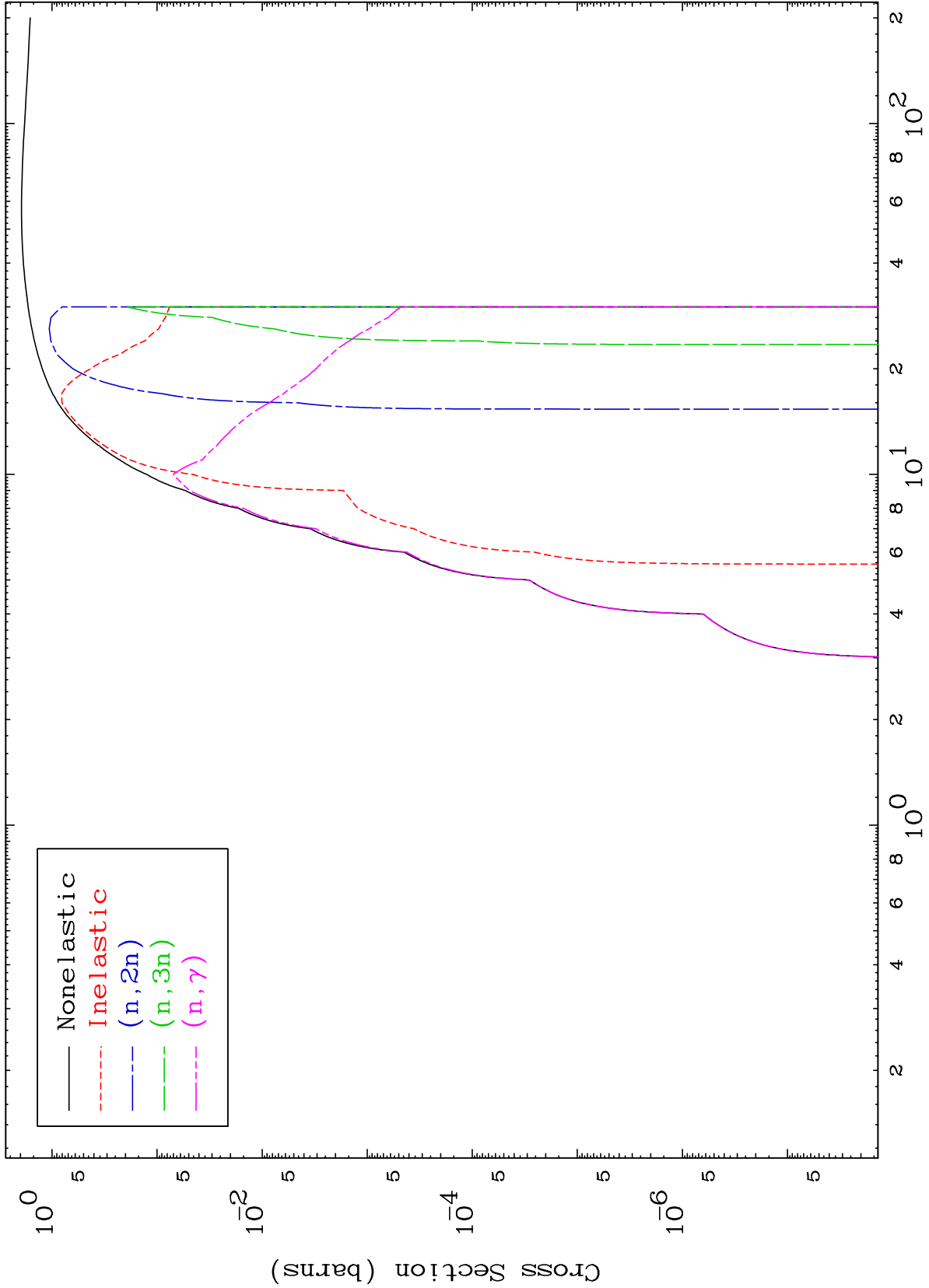
Press Mouse Button to Start

MAT 8205

Proton Major

82-Pb-197m

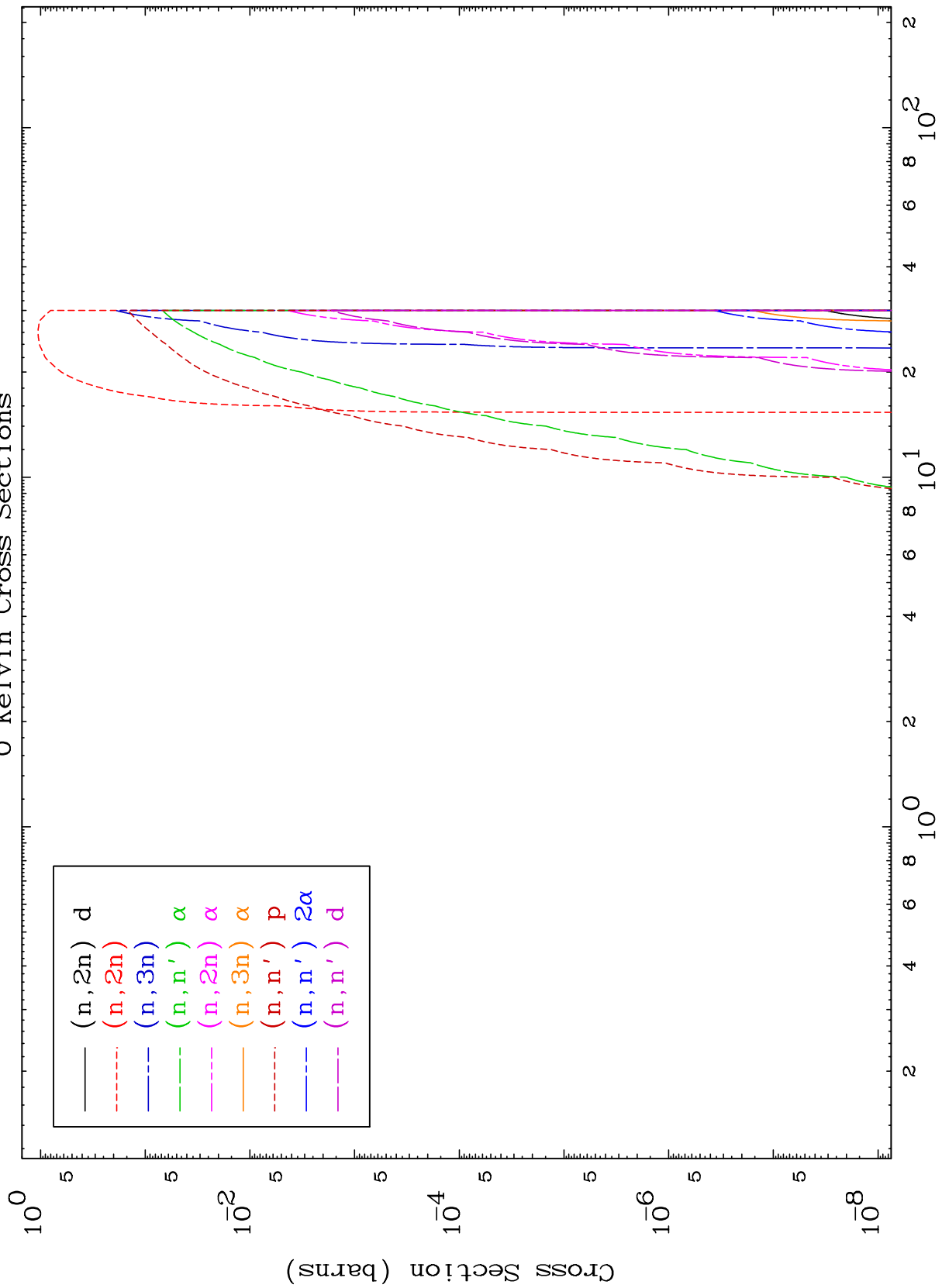
0 Kelvin Cross Sections



MAT 8205

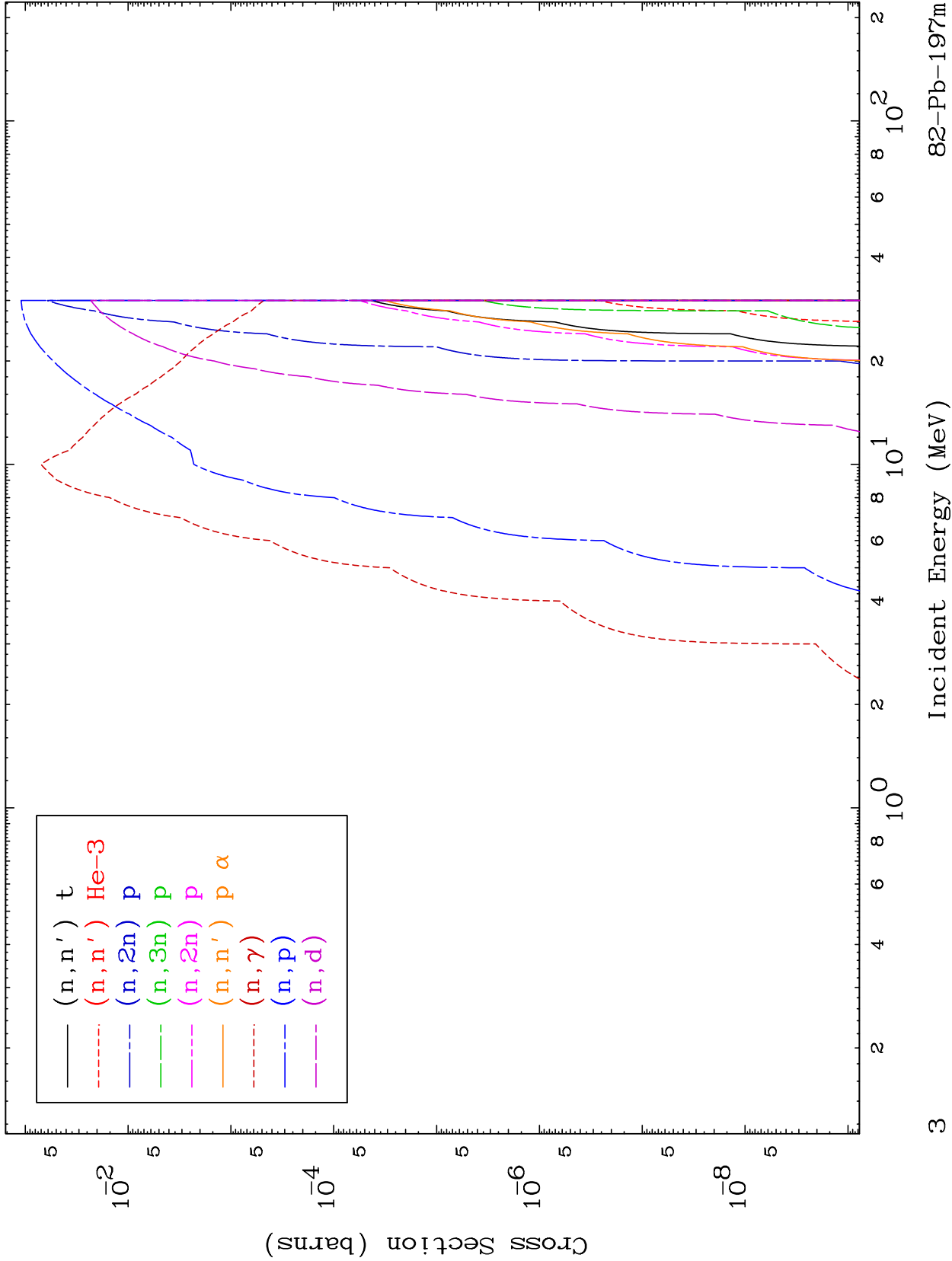
Proton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-197m



Incident Energy (MeV)

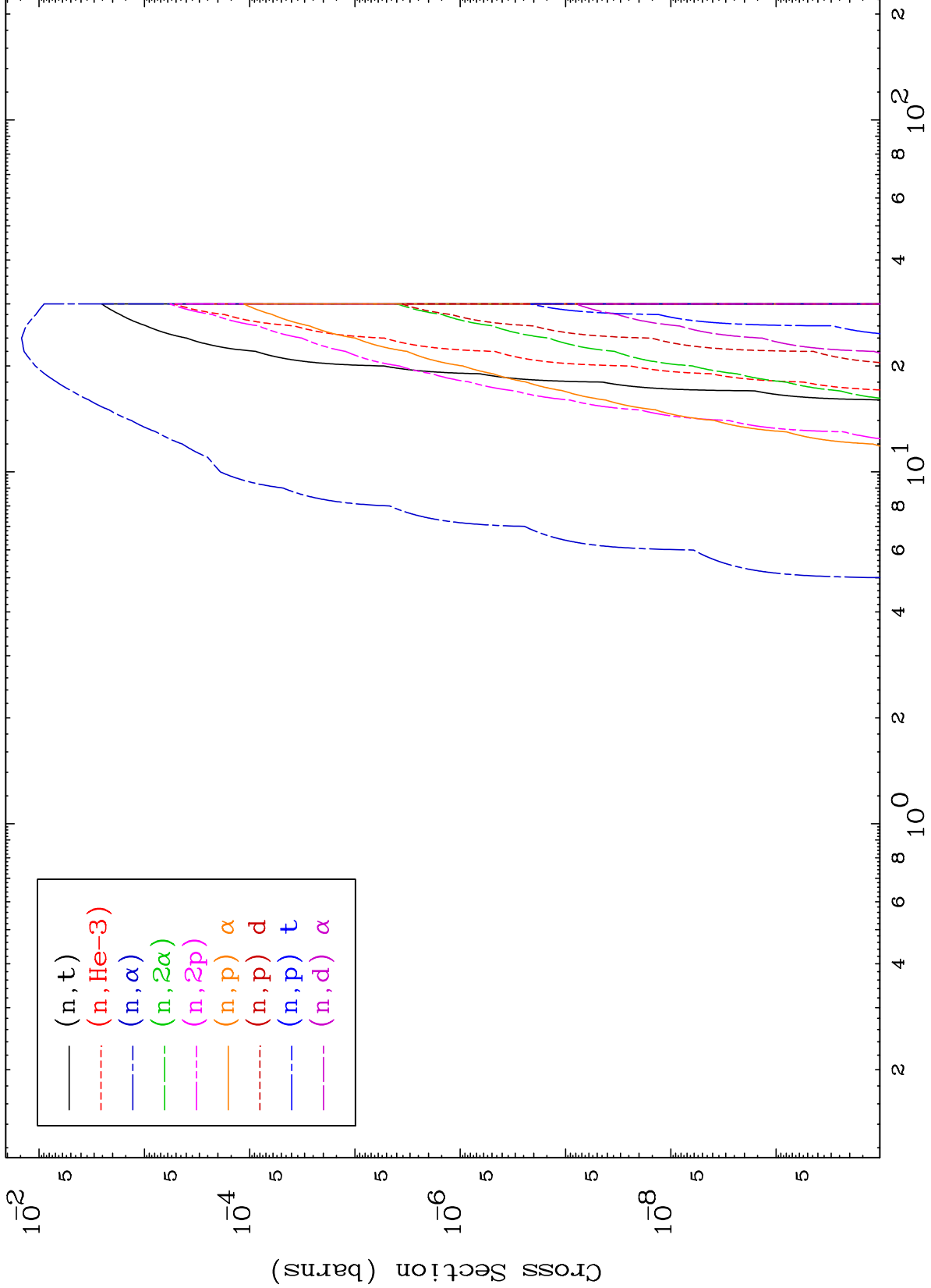
82-Pb-197m



MAT 8205

Proton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-197m



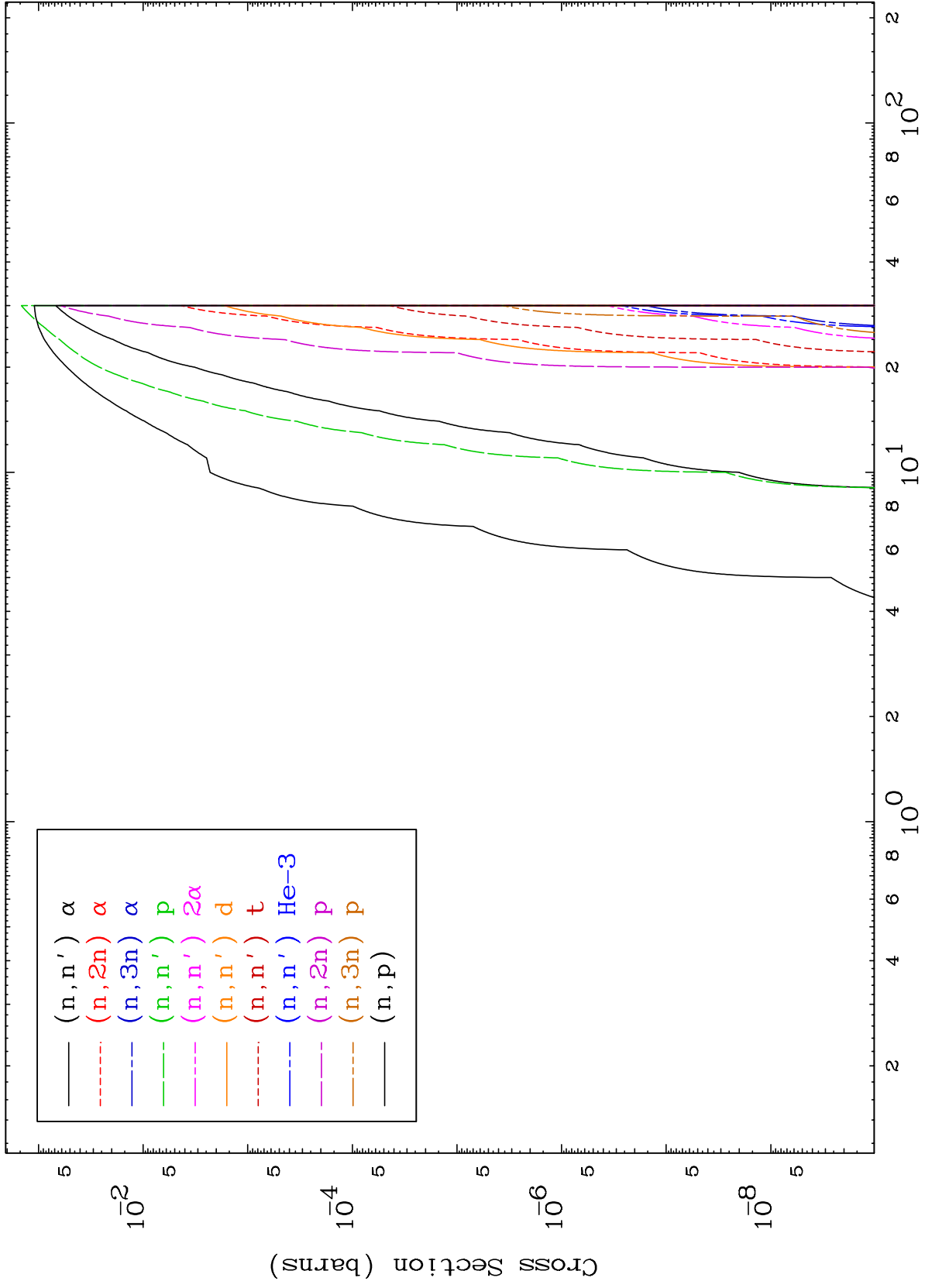
Incident Energy (MeV)

82-Pb-197m

MAT 8205

Proton Charged Particle
0 Kelvin Cross Sections

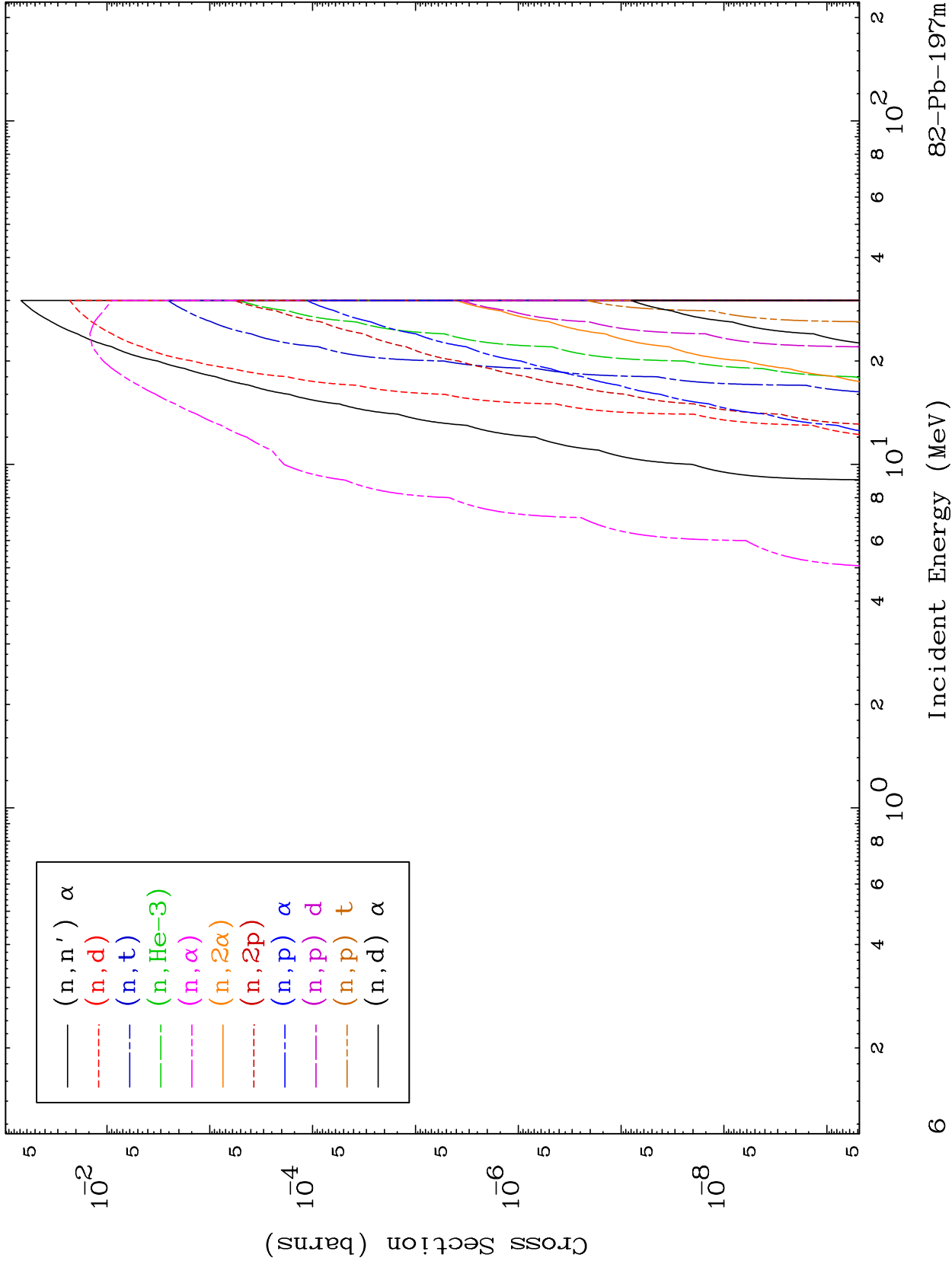
82-Pb-197m



MAT 8205

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-197m

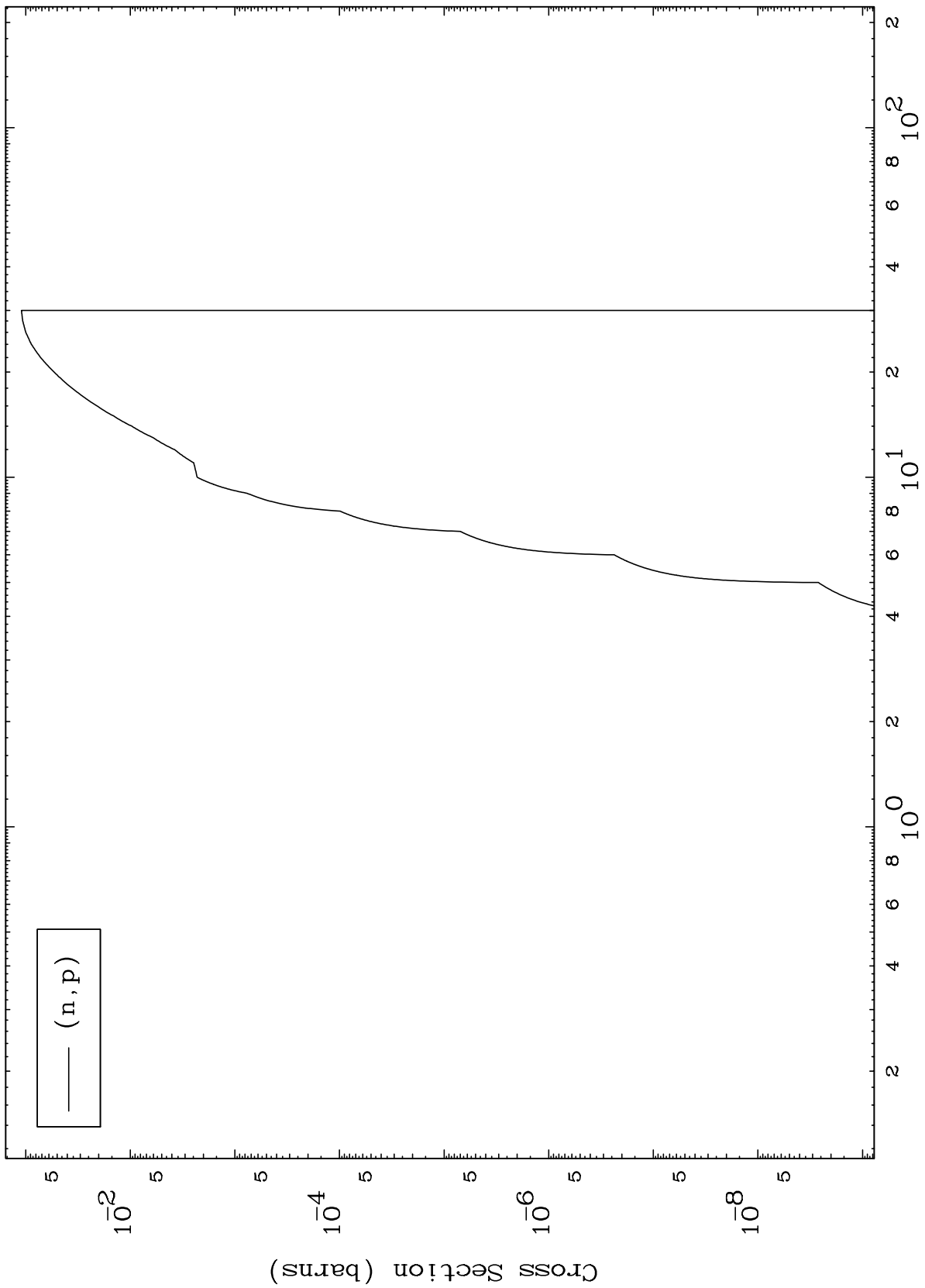


MAT 8205

(p,p) Levels

82-Pb-197m

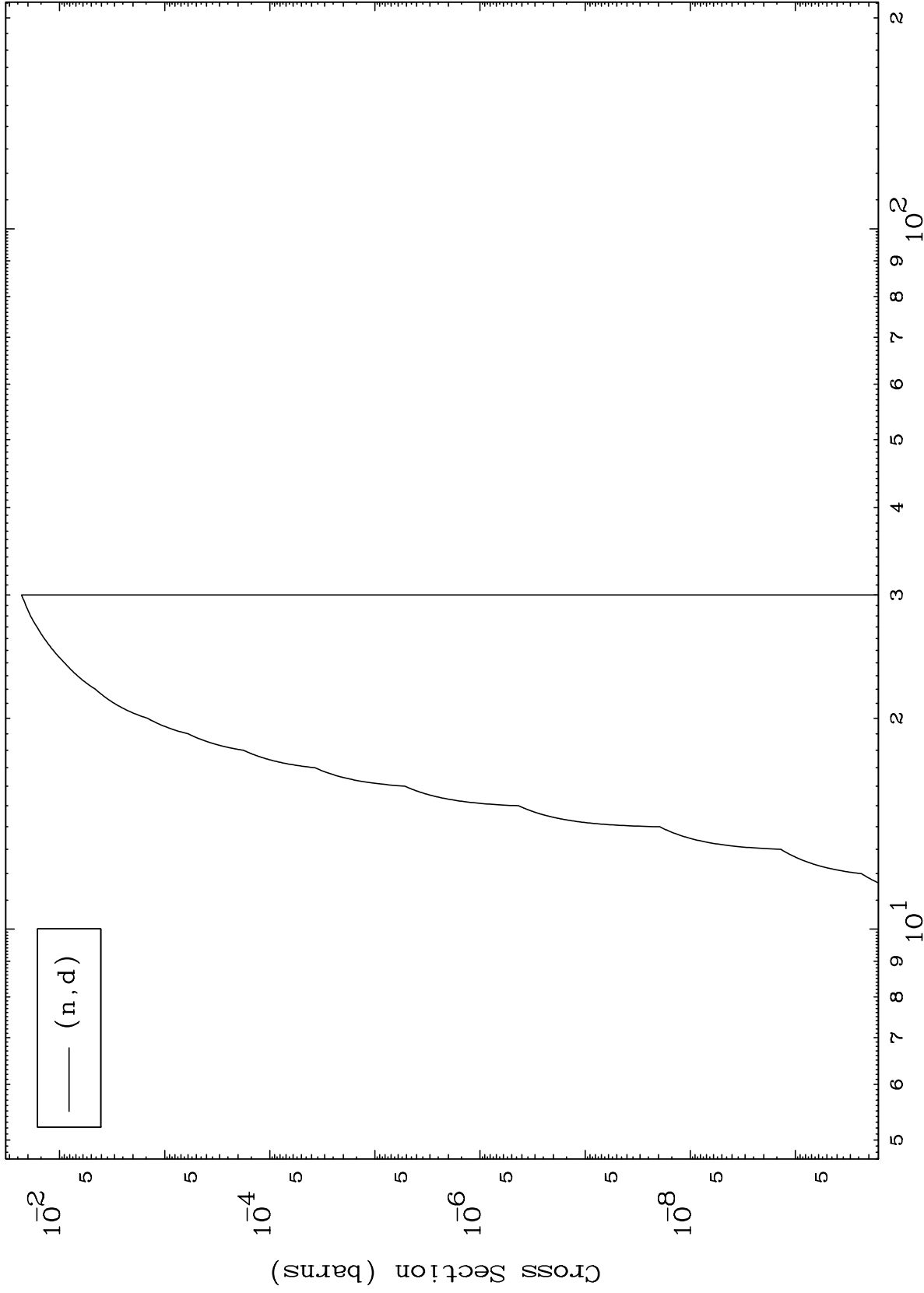
0 Kelvin Cross Sections



MAT 8205

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-197m



8

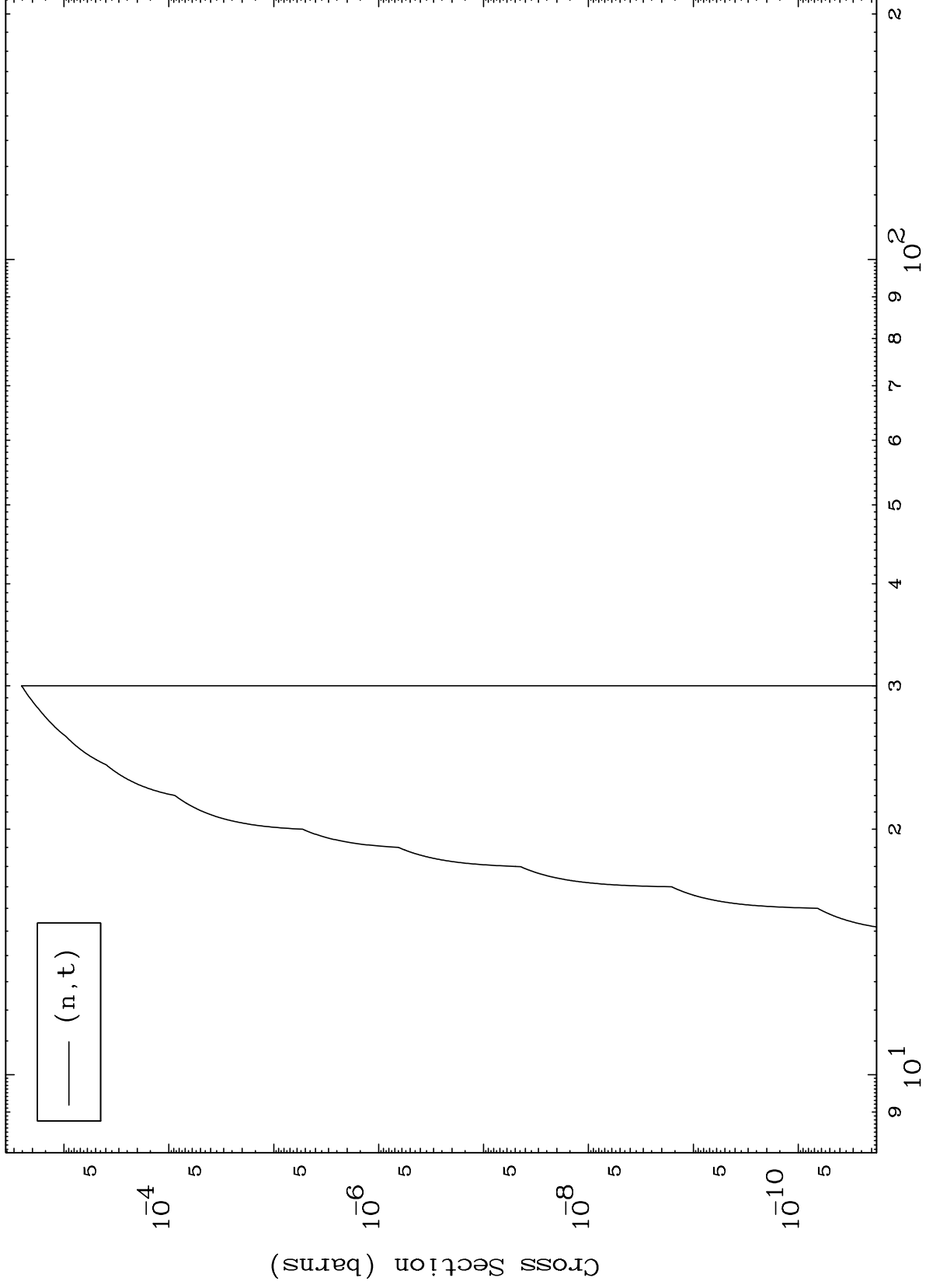
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(p, t) Levels
0 Kelvin Cross Sections

82-Pb-197m



9

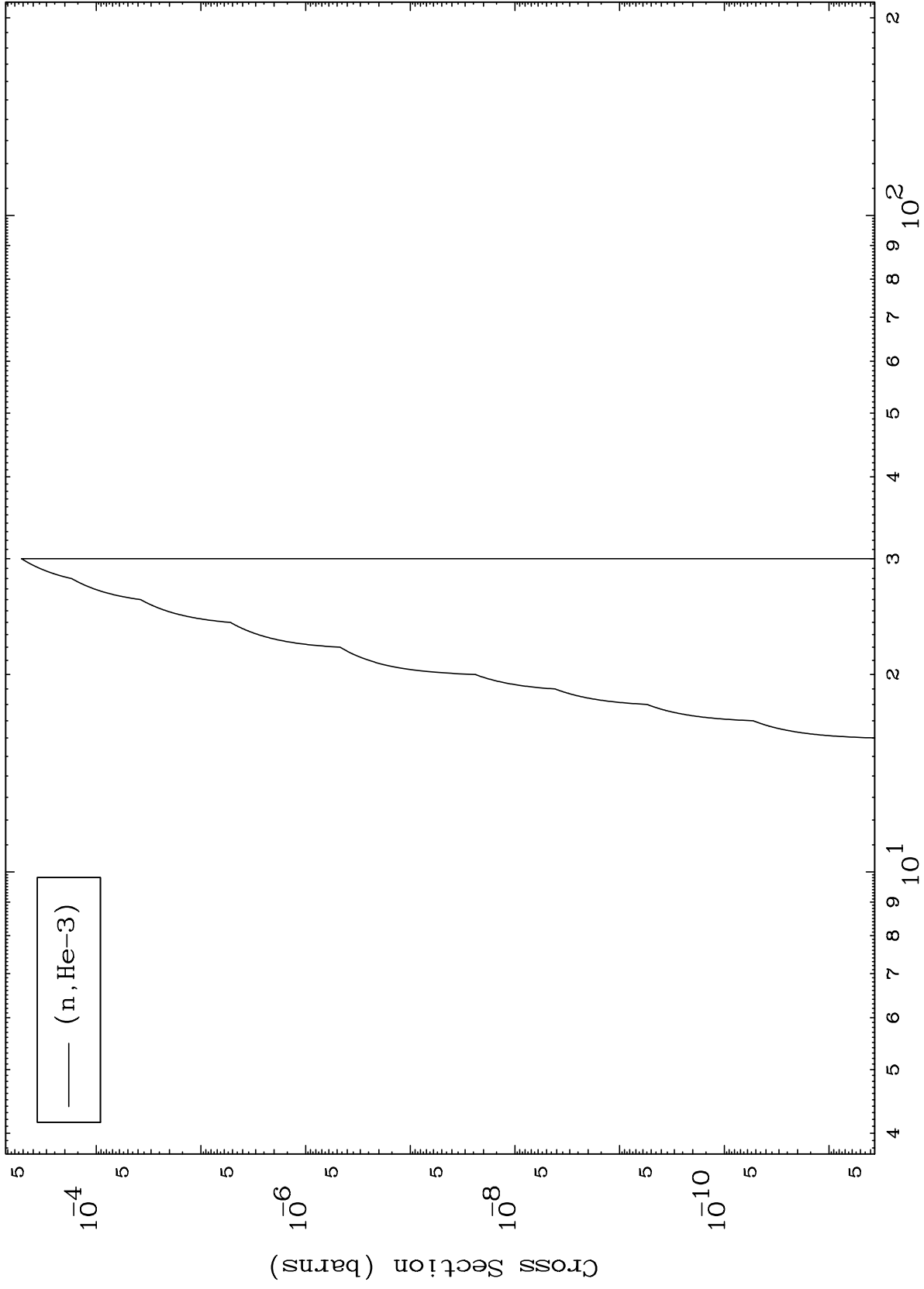
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-197m



10

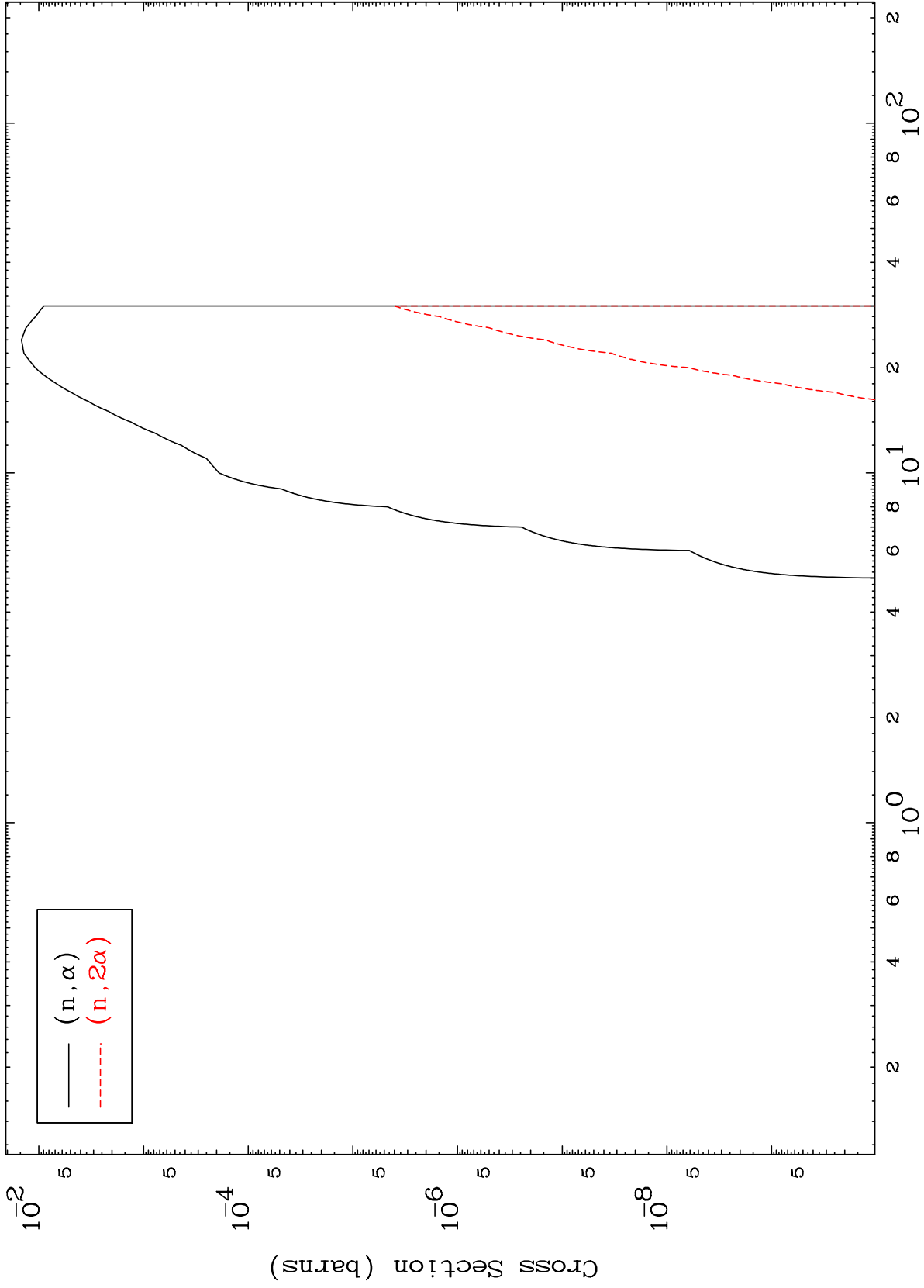
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(p, α) Levels
0 Kelvin Cross Sections

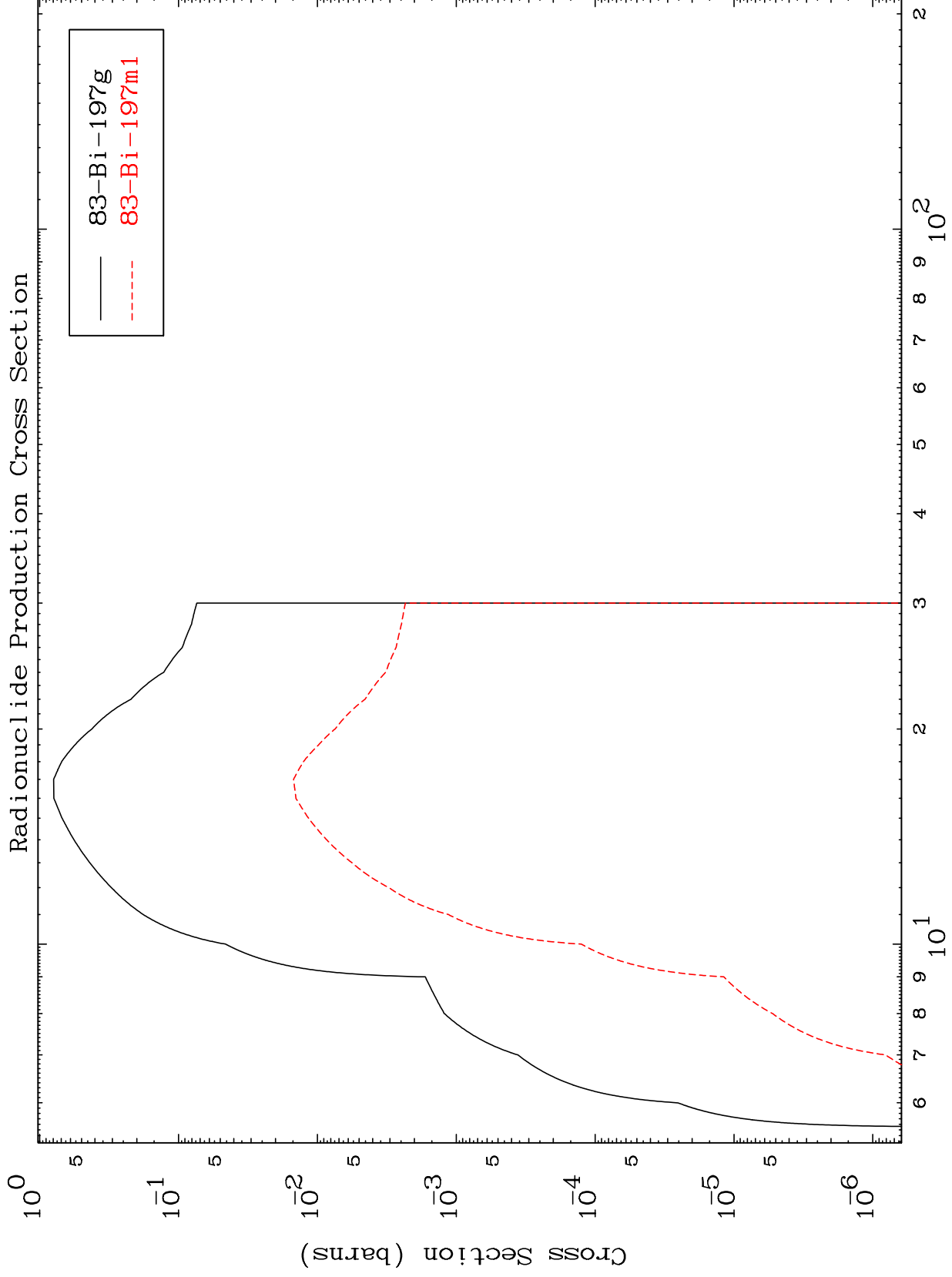
82-Pb-197m



MAT 8205

Inelastic
Radionuclide Production Cross Section

82-Pb-197m



12

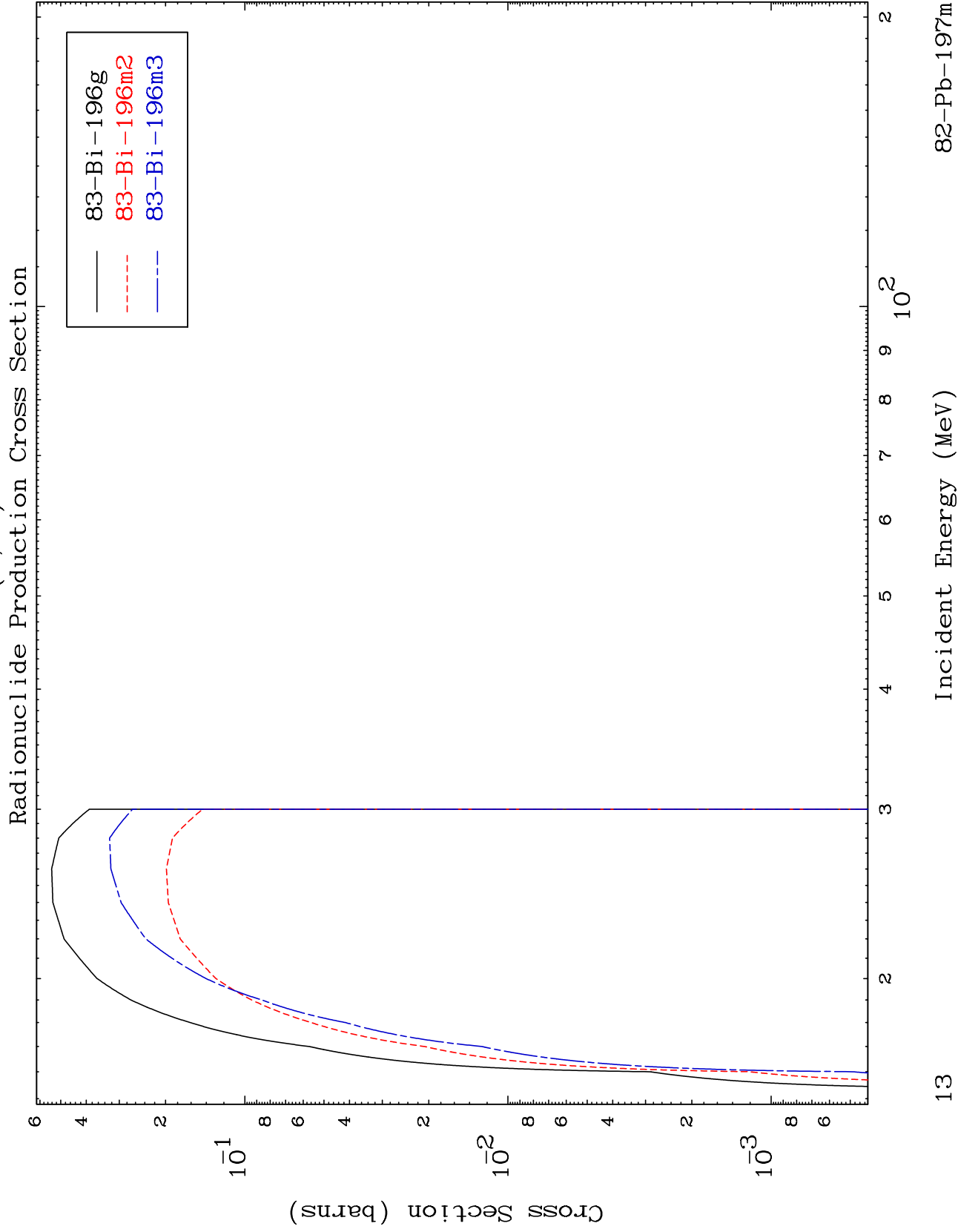
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(n,2n)

82-Pb-197m



13

Incident Energy (MeV)

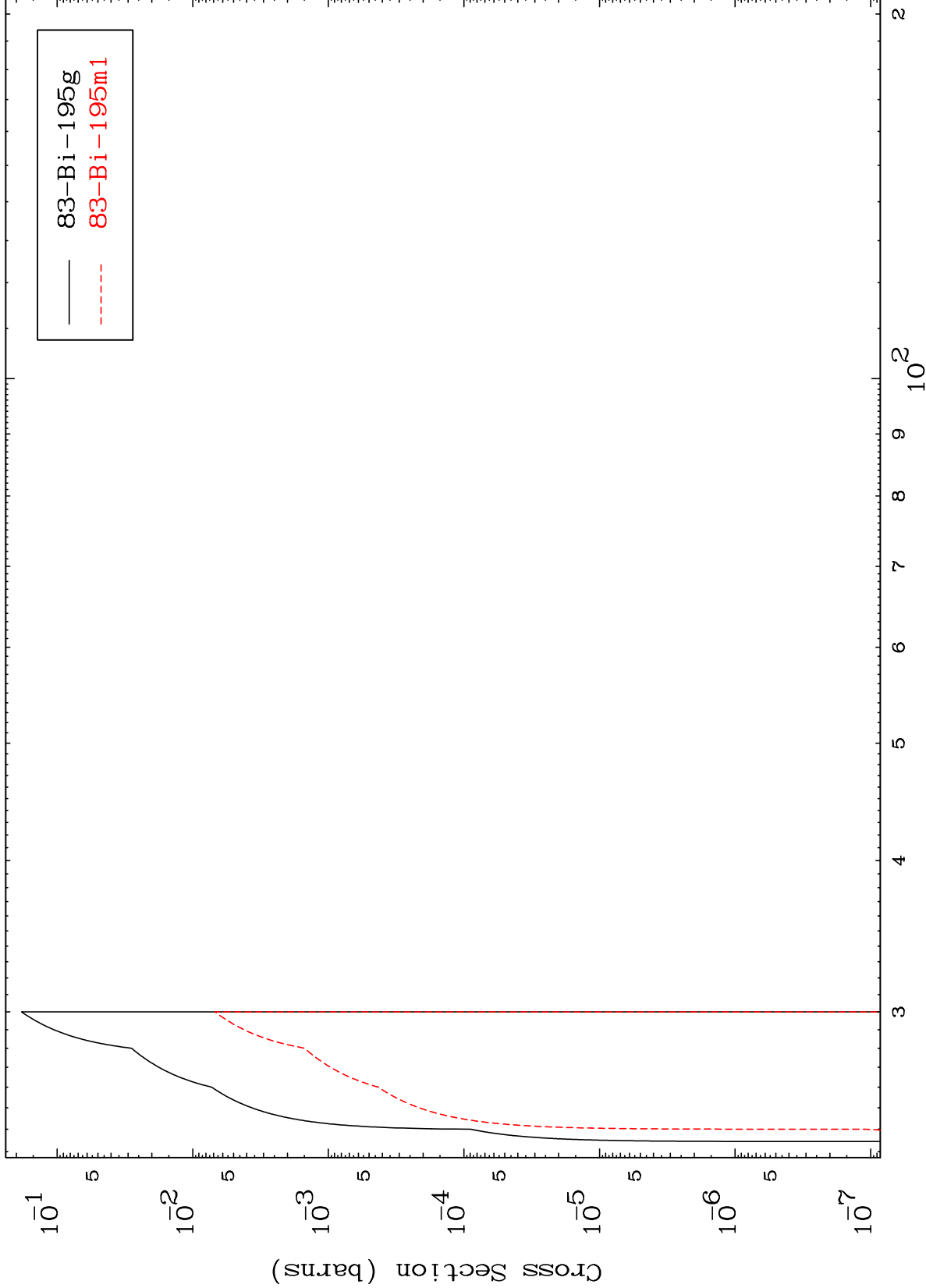
82-Pb-197m

MAT 8205

(n,3n)

82-Pb-197m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

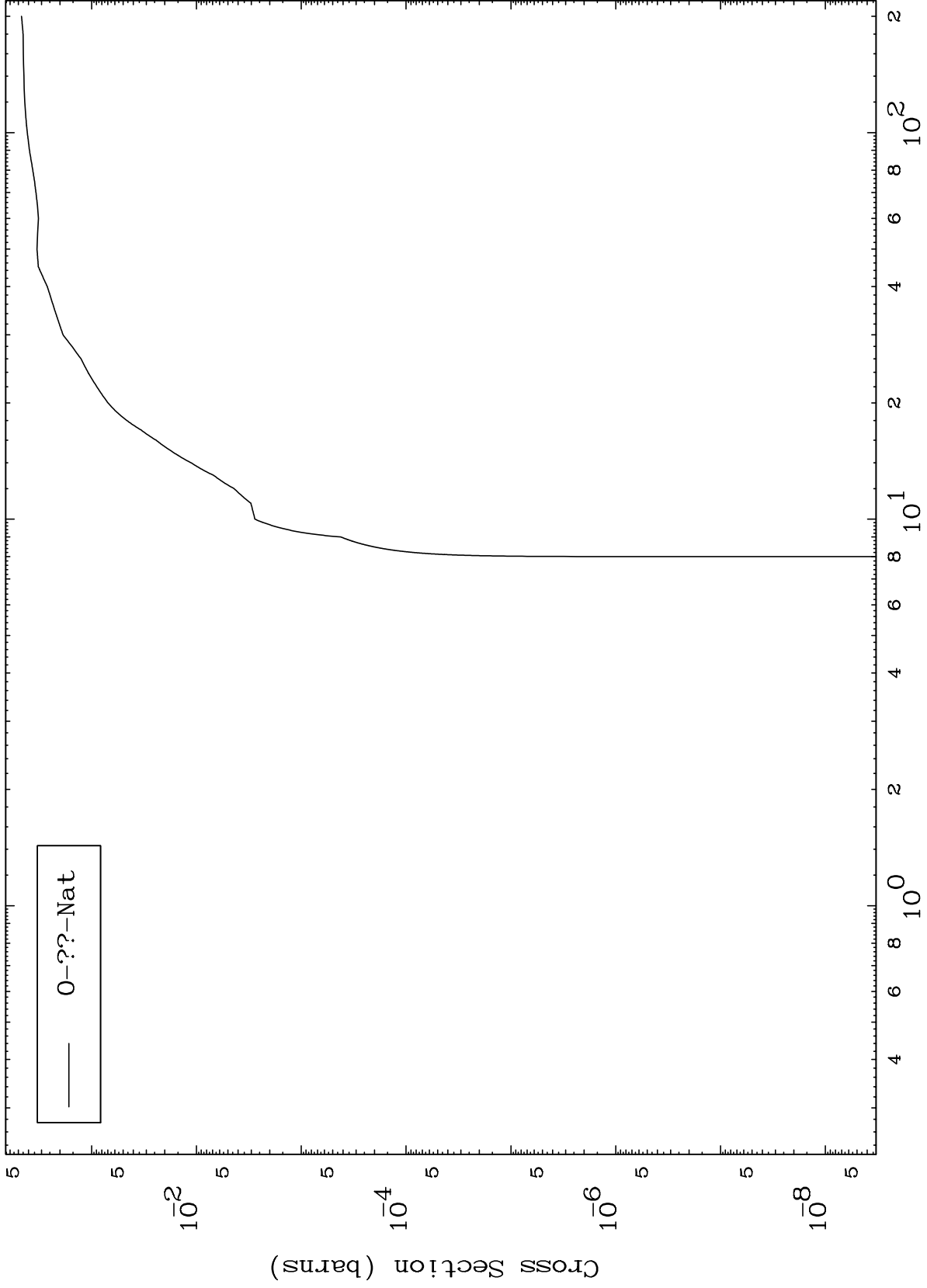
82-Pb-197m

MAT 8205

Fission

⁸²Pb-197m

Radionuclide Production Cross Section

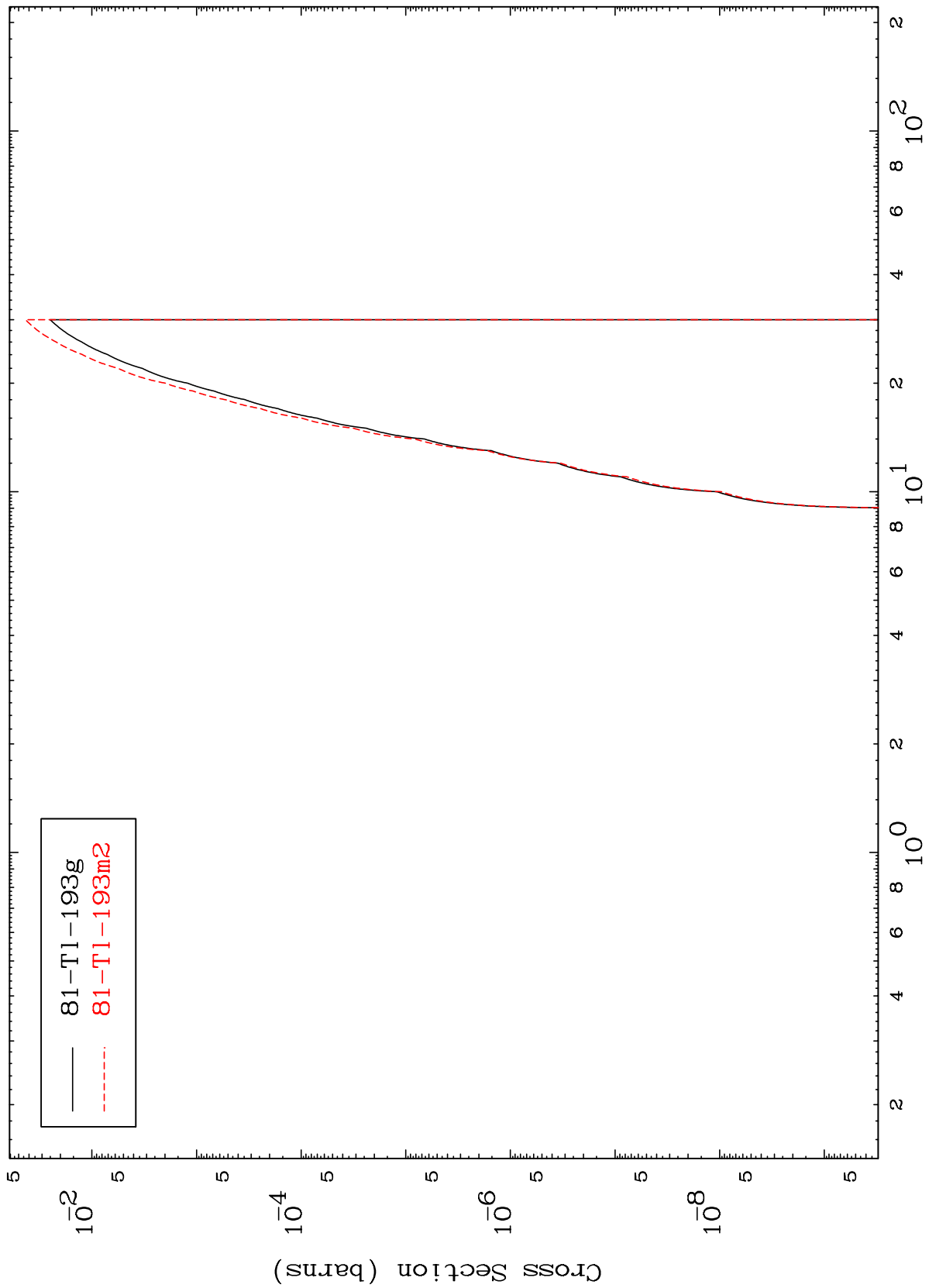


MAT 8205

$(n, n') \alpha$

82-Pb-197m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

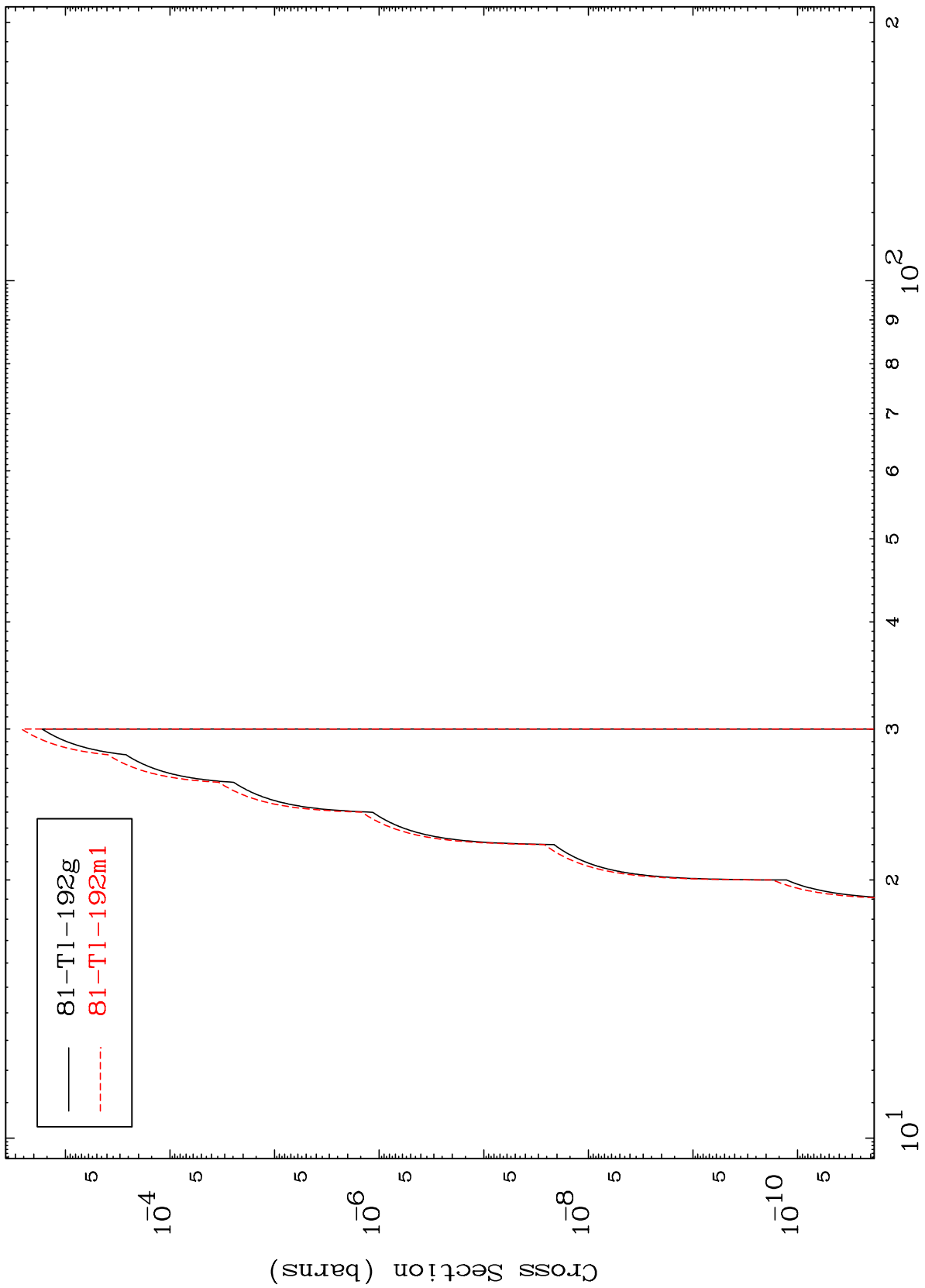
82-Pb-197m

MAT 8205

(n,2n) α

82-Pb-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-197m

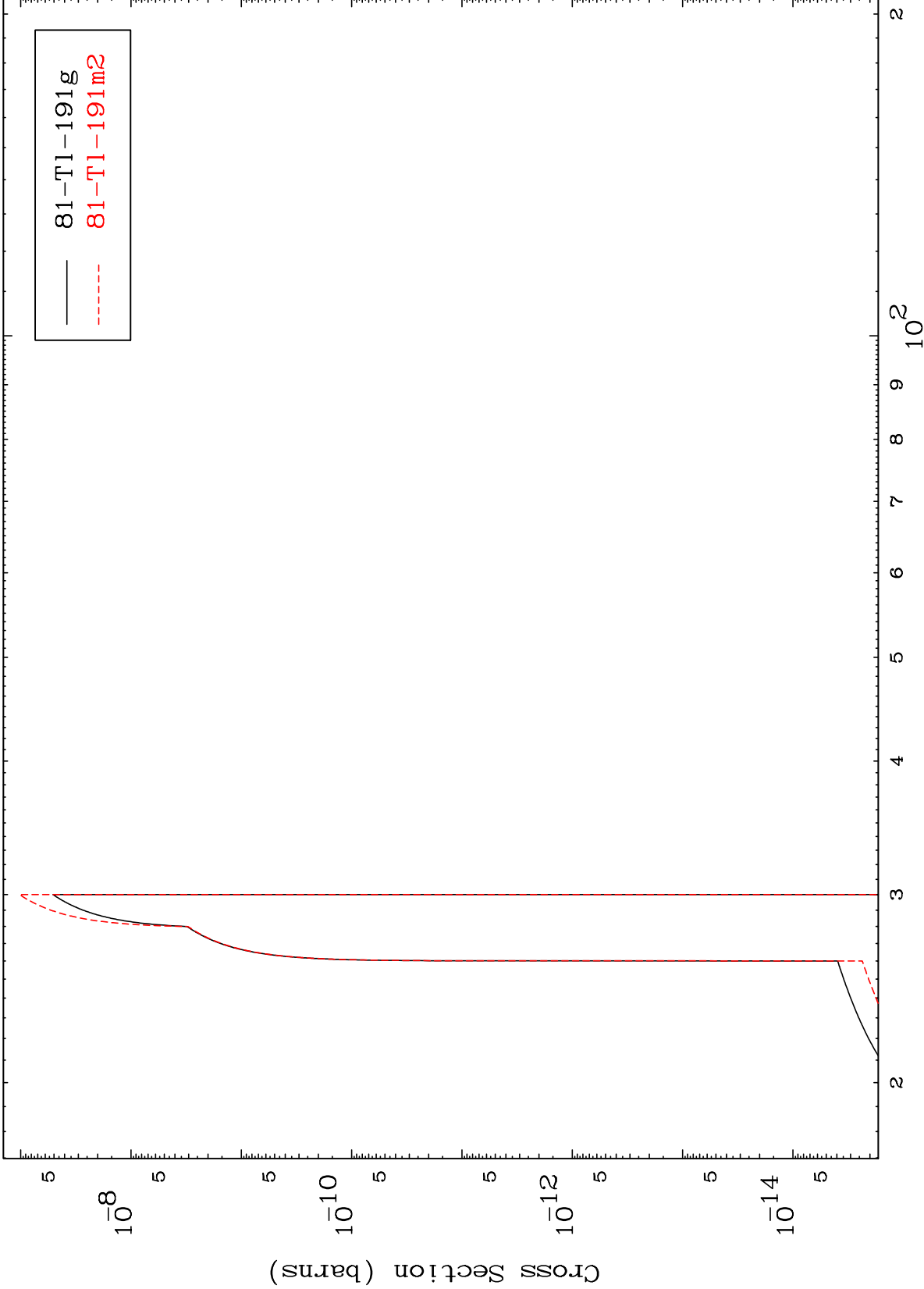
17

MAT 8205

$(n,3n) \alpha$

82-Pb-197m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

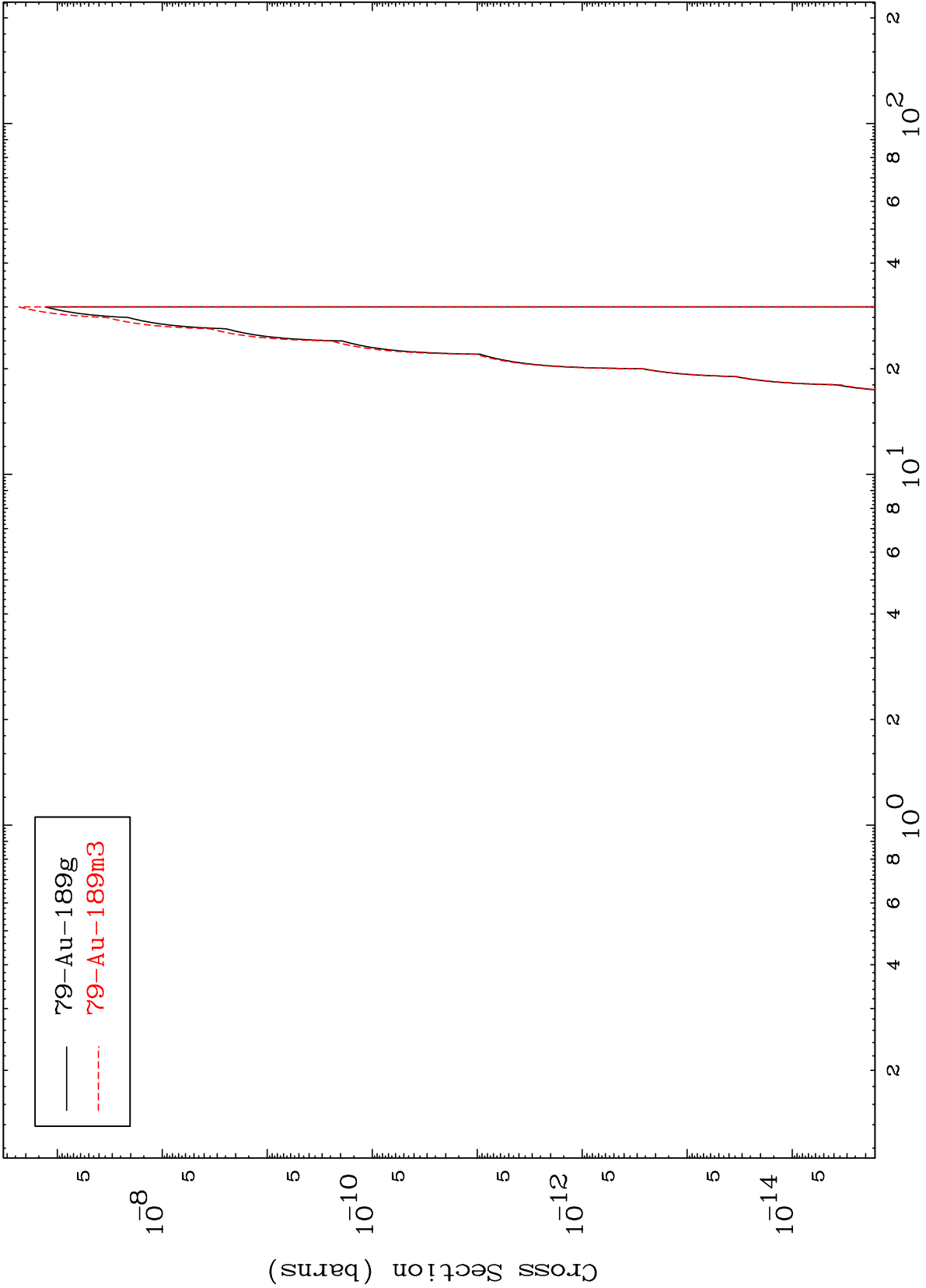
82-Pb-197m

MAT 8205

(n,n') 2 α

82-Pb-197m

Radionuclide Production Cross Section

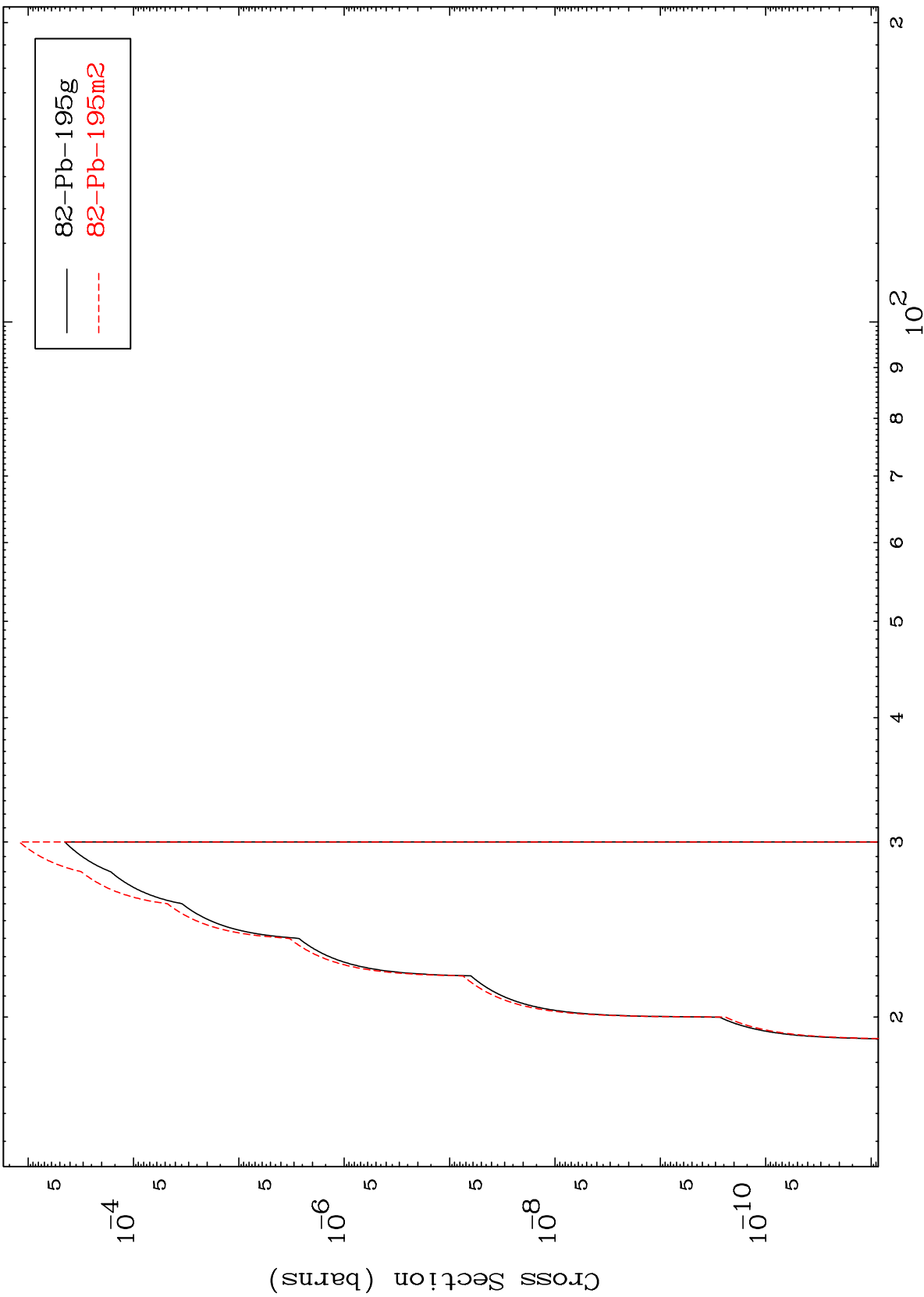


MAT 8205

(n,n') d

82-Pb-197m

Radionuclide Production Cross Section

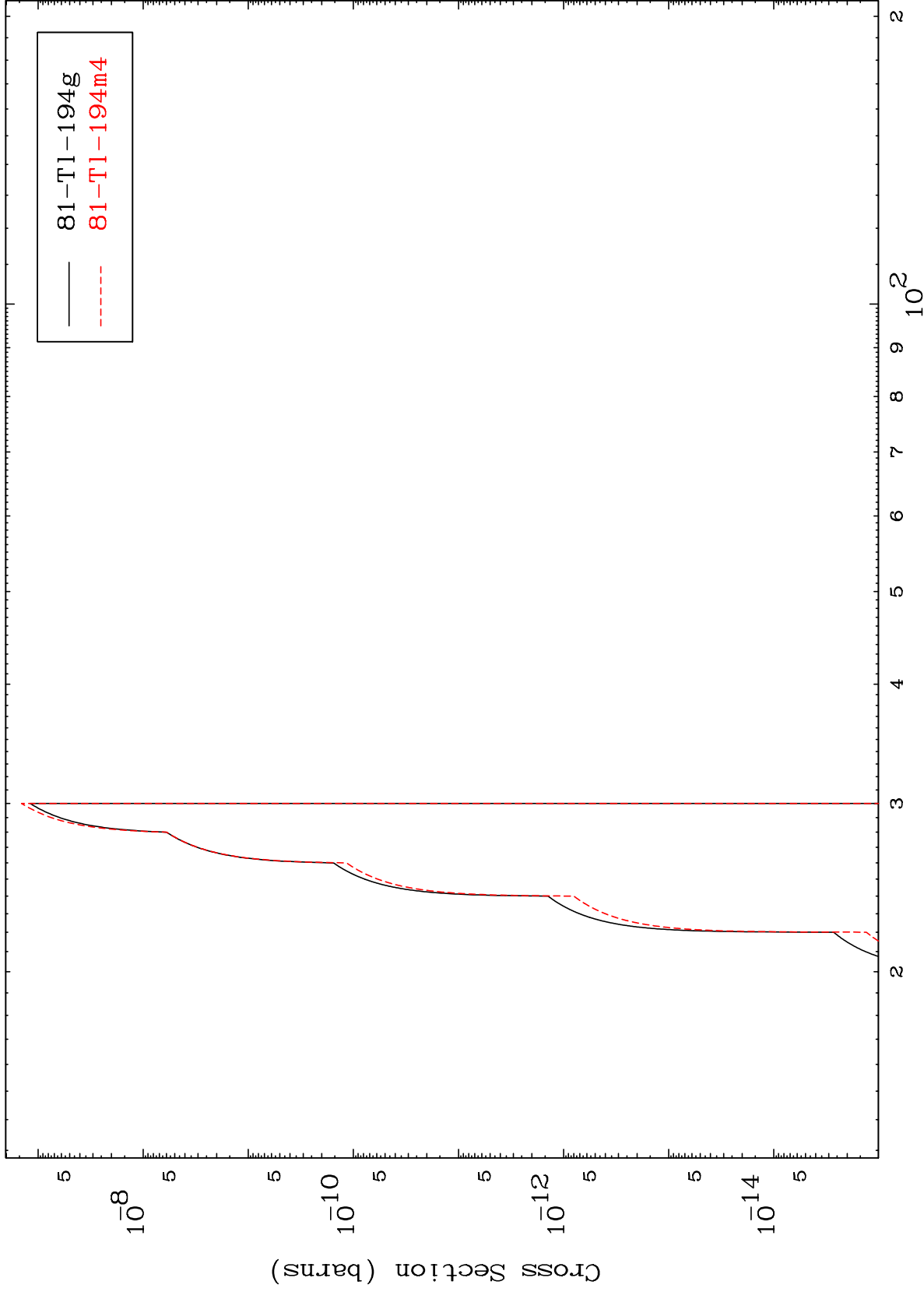


20

Incident Energy (MeV)

82-Pb-197m

Radionuclide Production Cross Section

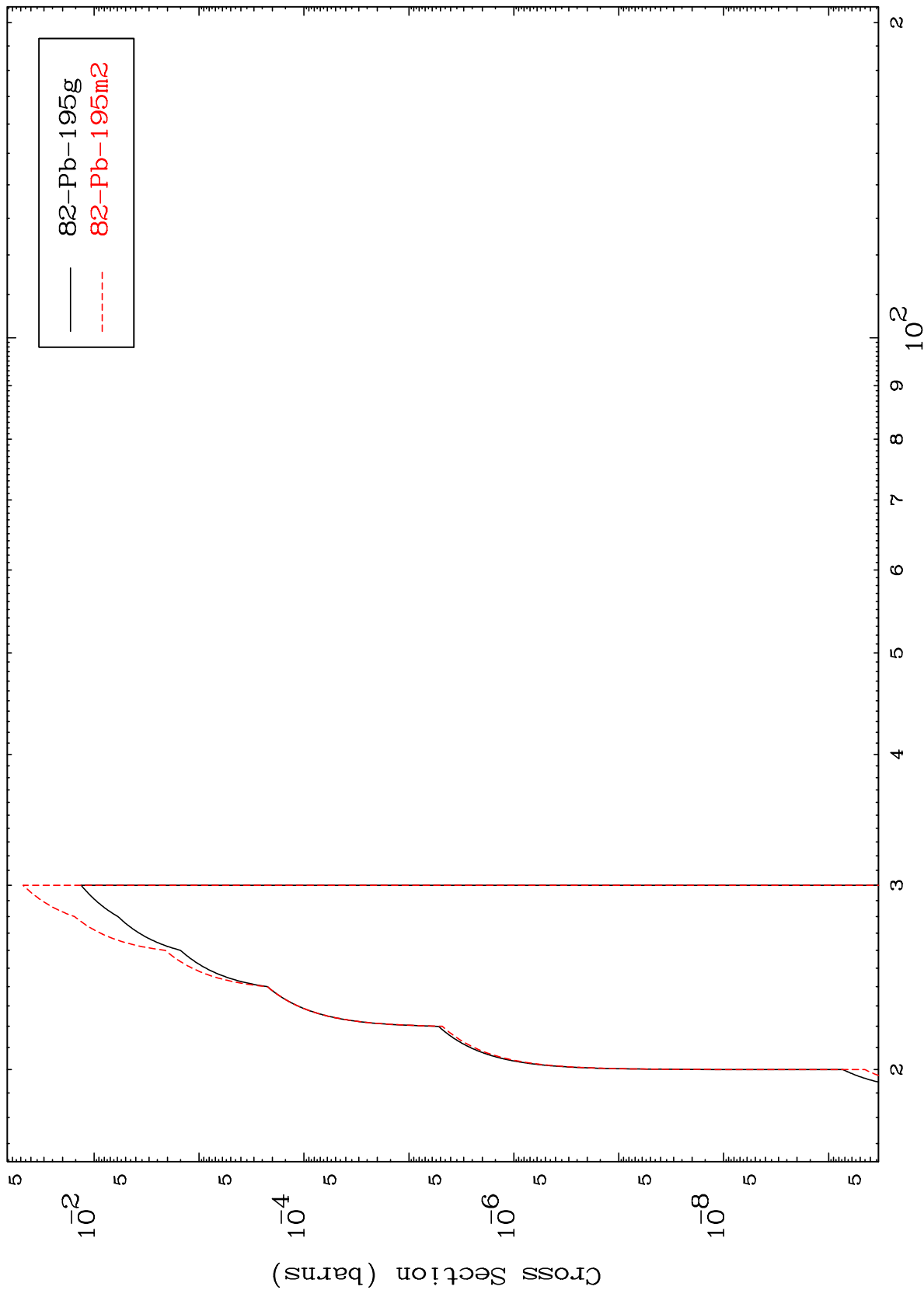


MAT 8205

(n,2n) p

82-Pb-197m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

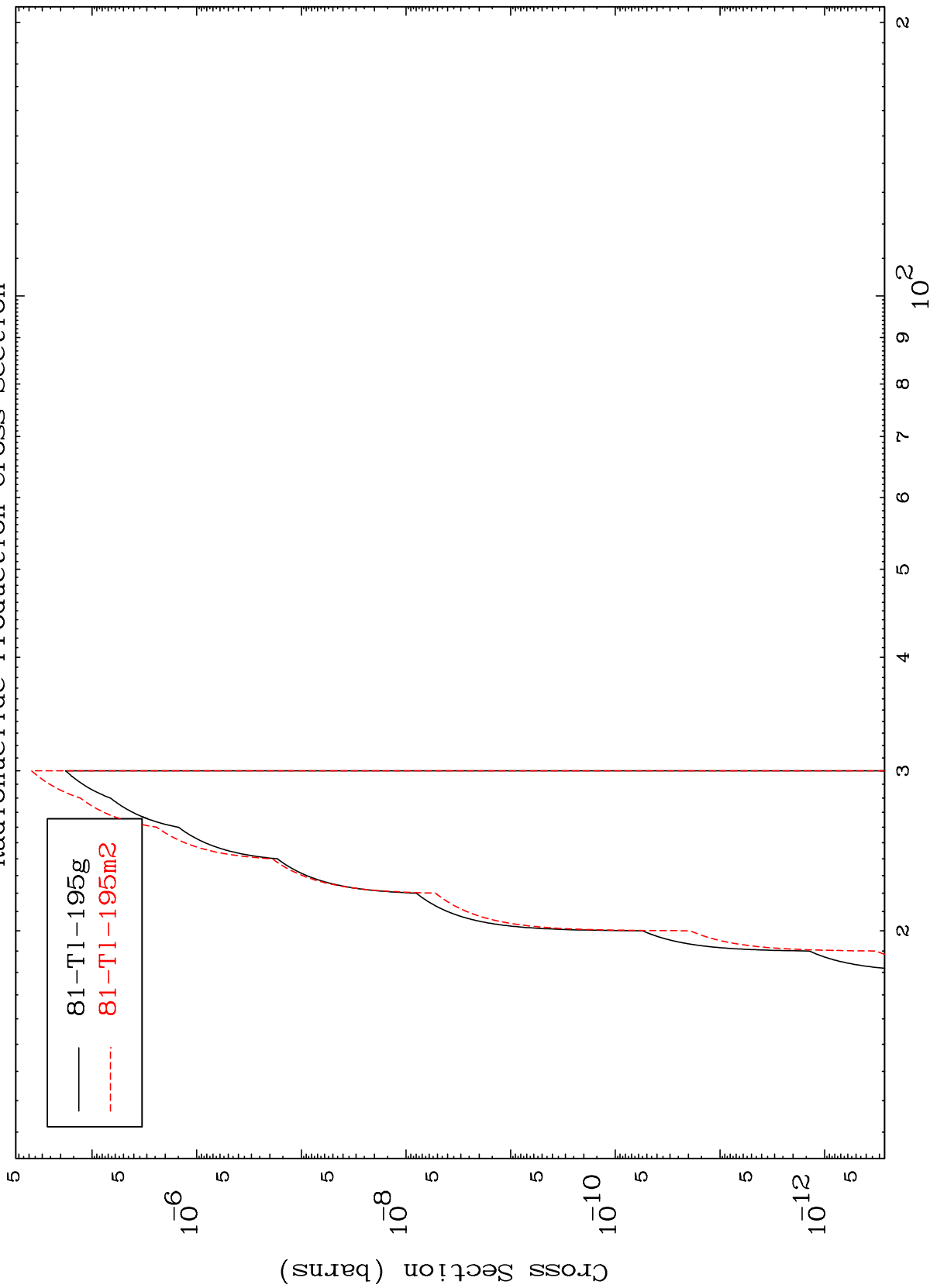
82-Pb-197m

MAT 8205

(n,2n) p

82-Pb-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

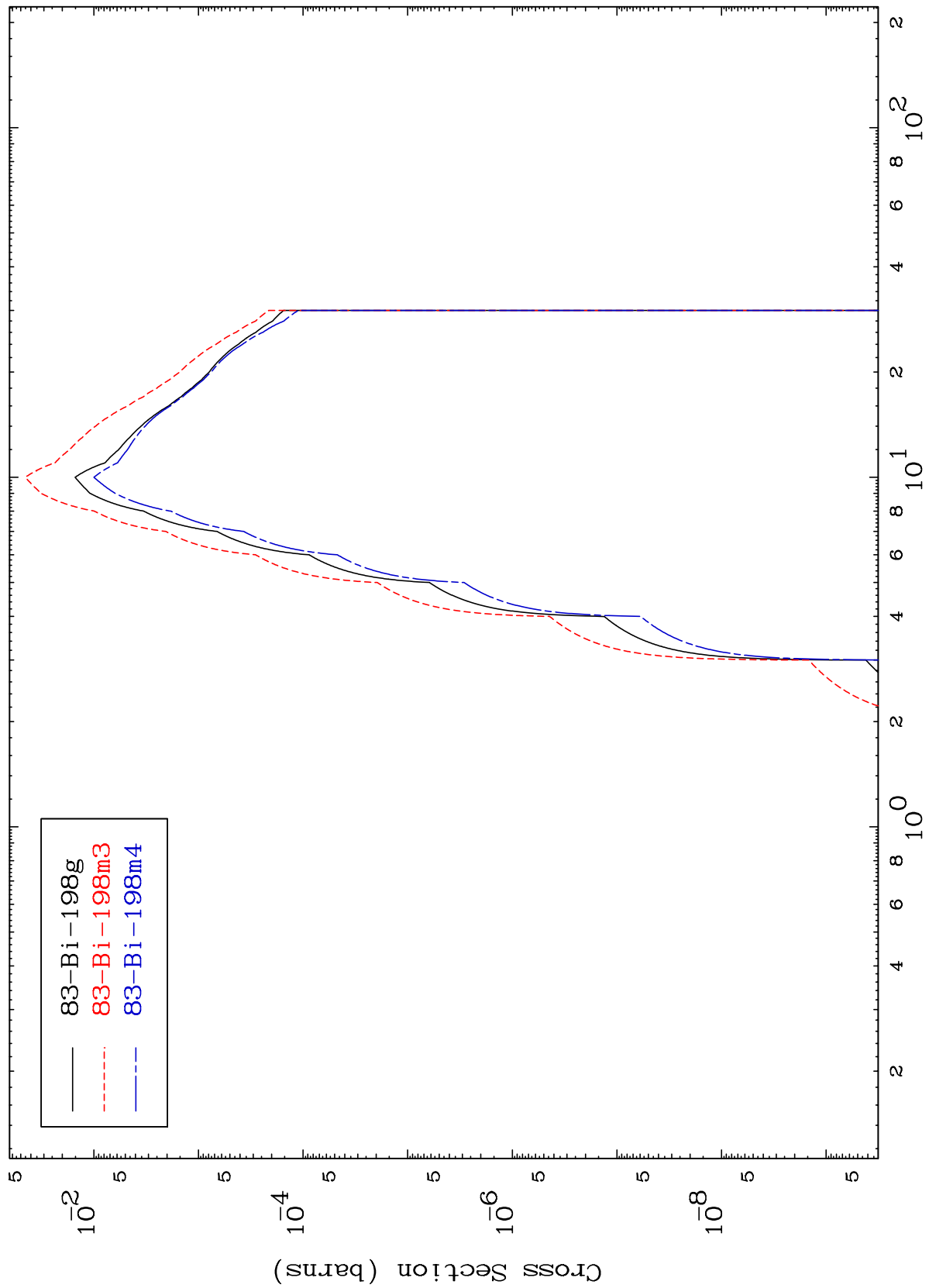
82-Pb-197m

23

MAT 8205

82-Pb-197m

(n, γ)
Radionuclide Production Cross Section



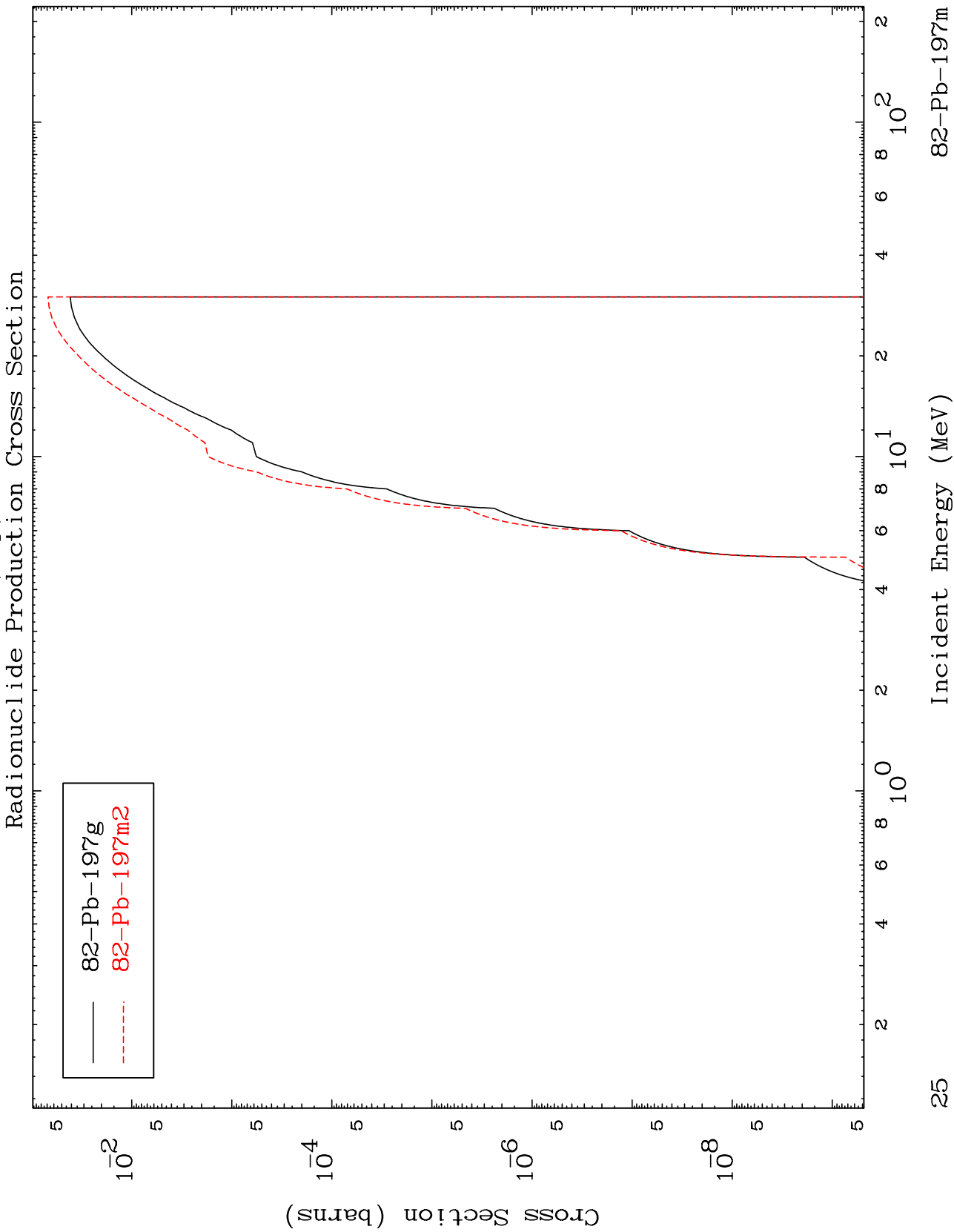
82-Pb-197m

Incident Energy (MeV)

24

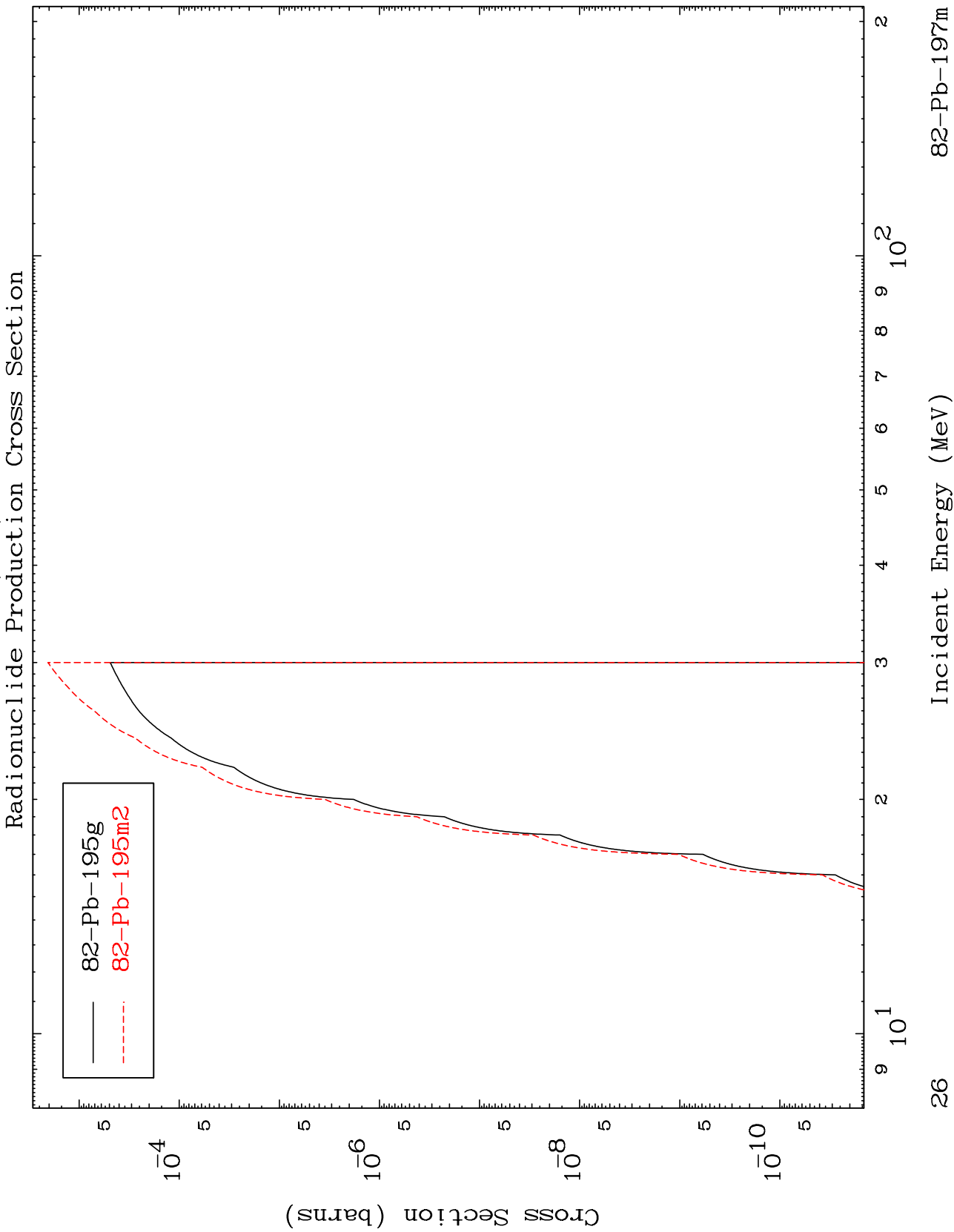
MAT 8205

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



MAT 8205

82-Pb-197m



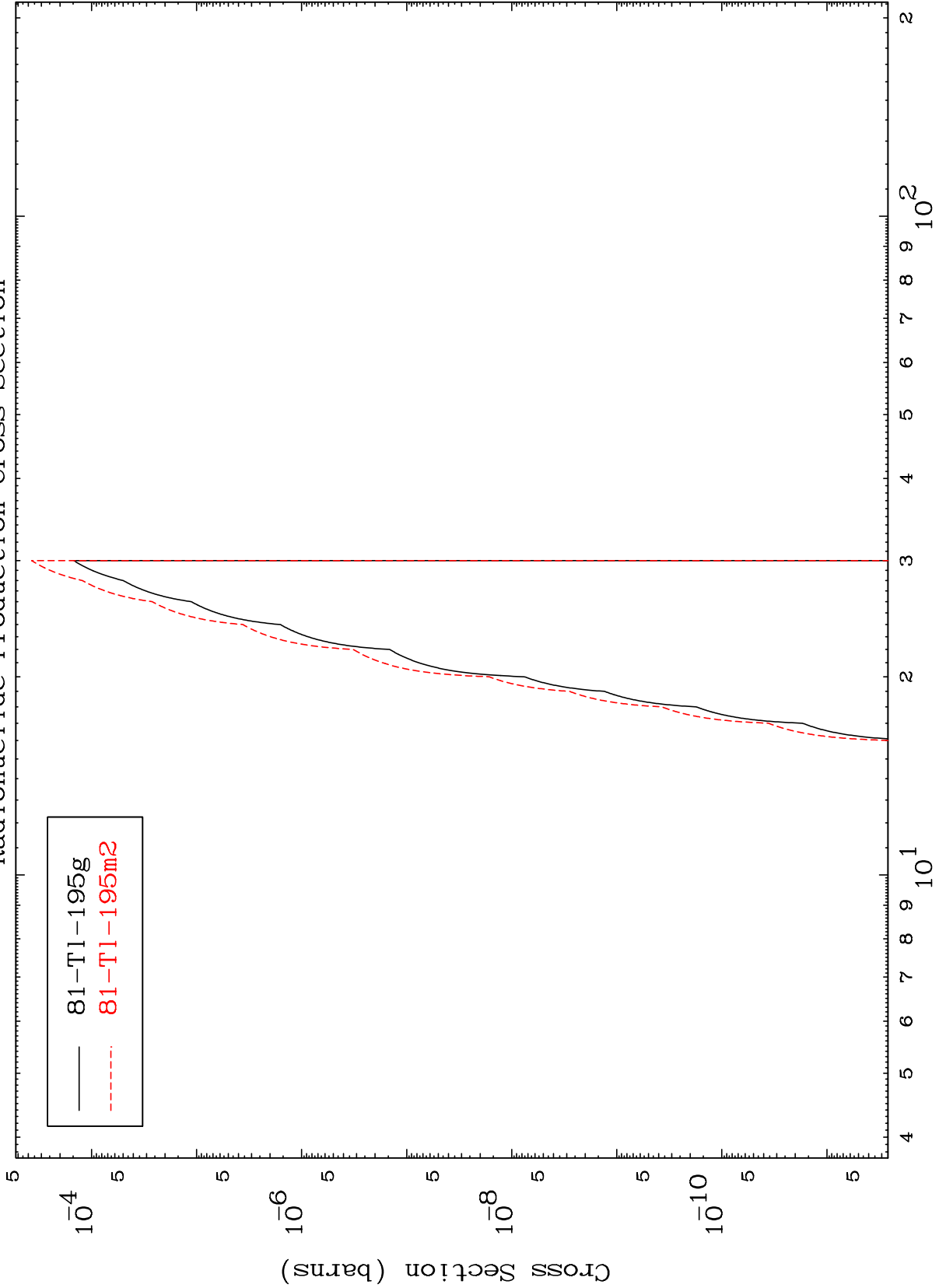
82-Pb-195g
82-Pb-195m2

MAT 8205

(n,He-3)

82-Pb-197m

Radionuclide Production Cross Section



27

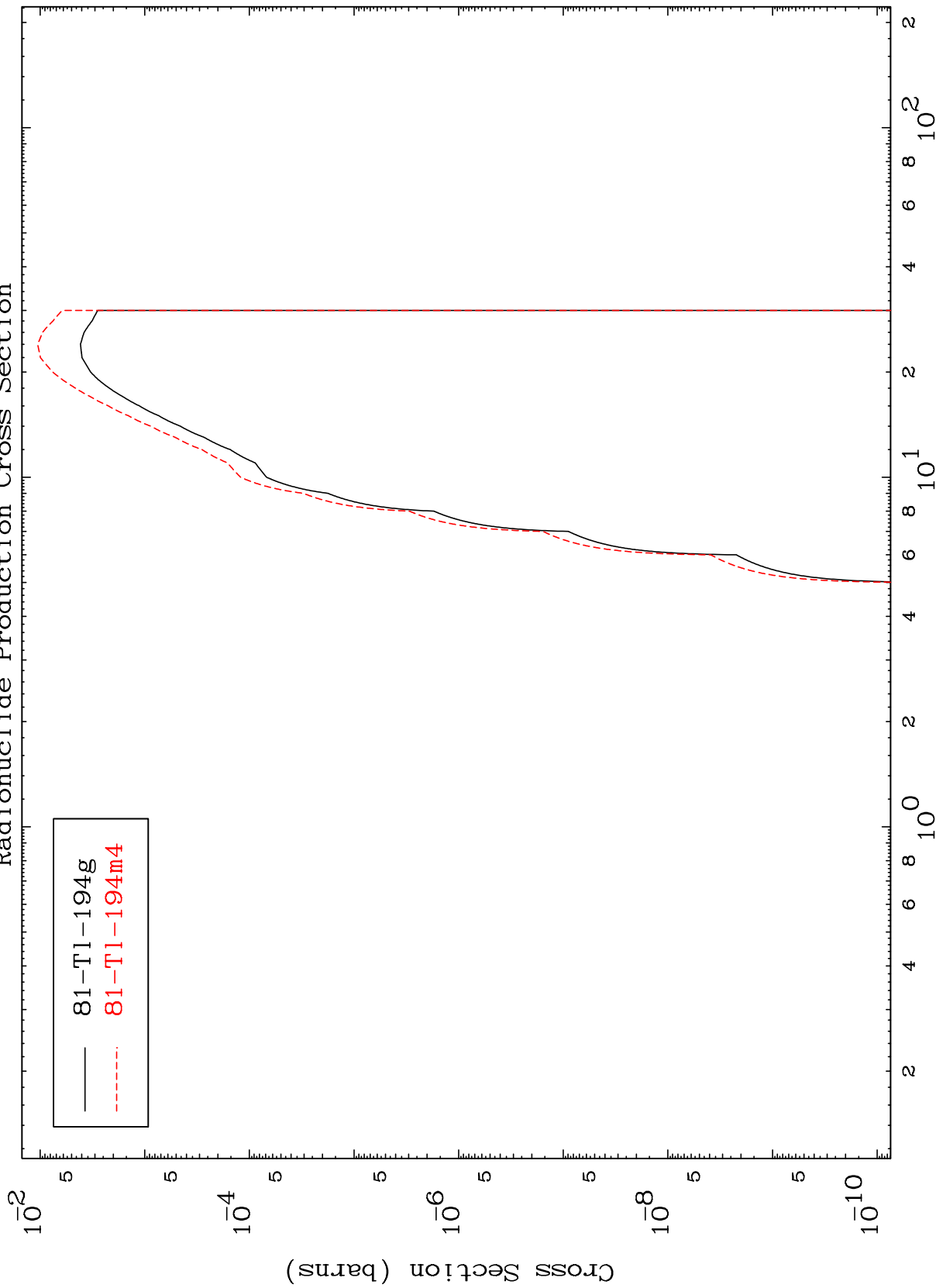
Incident Energy (MeV)

82-Pb-197m

MAT 8205

82-Pb-197m

Radionuclide Production Cross Section



28

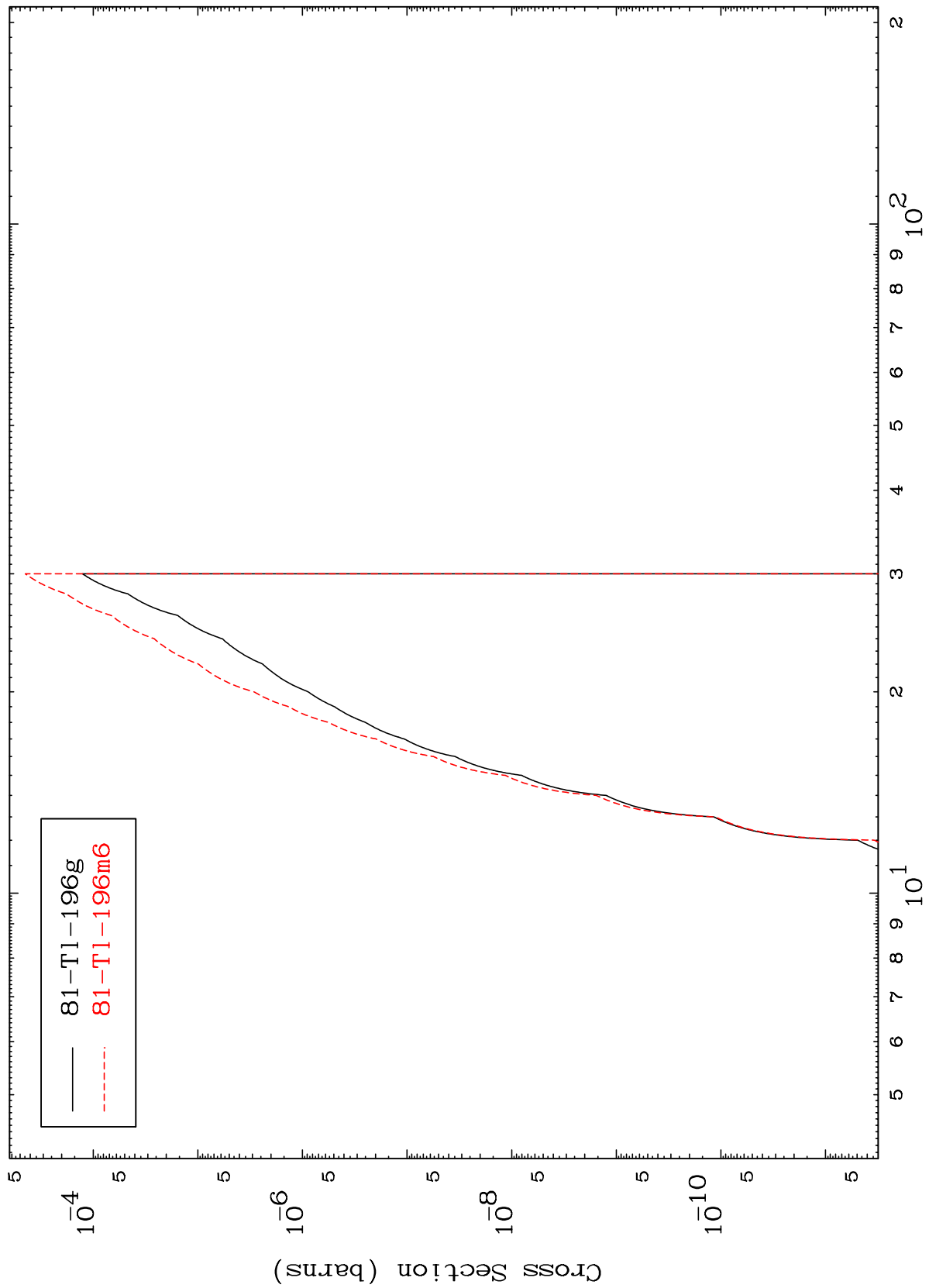
Incident Energy (MeV)

82-Pb-197m

MAT 8205

82-Pb-197m

(n,2p)
Radionuclide Production Cross Section



29

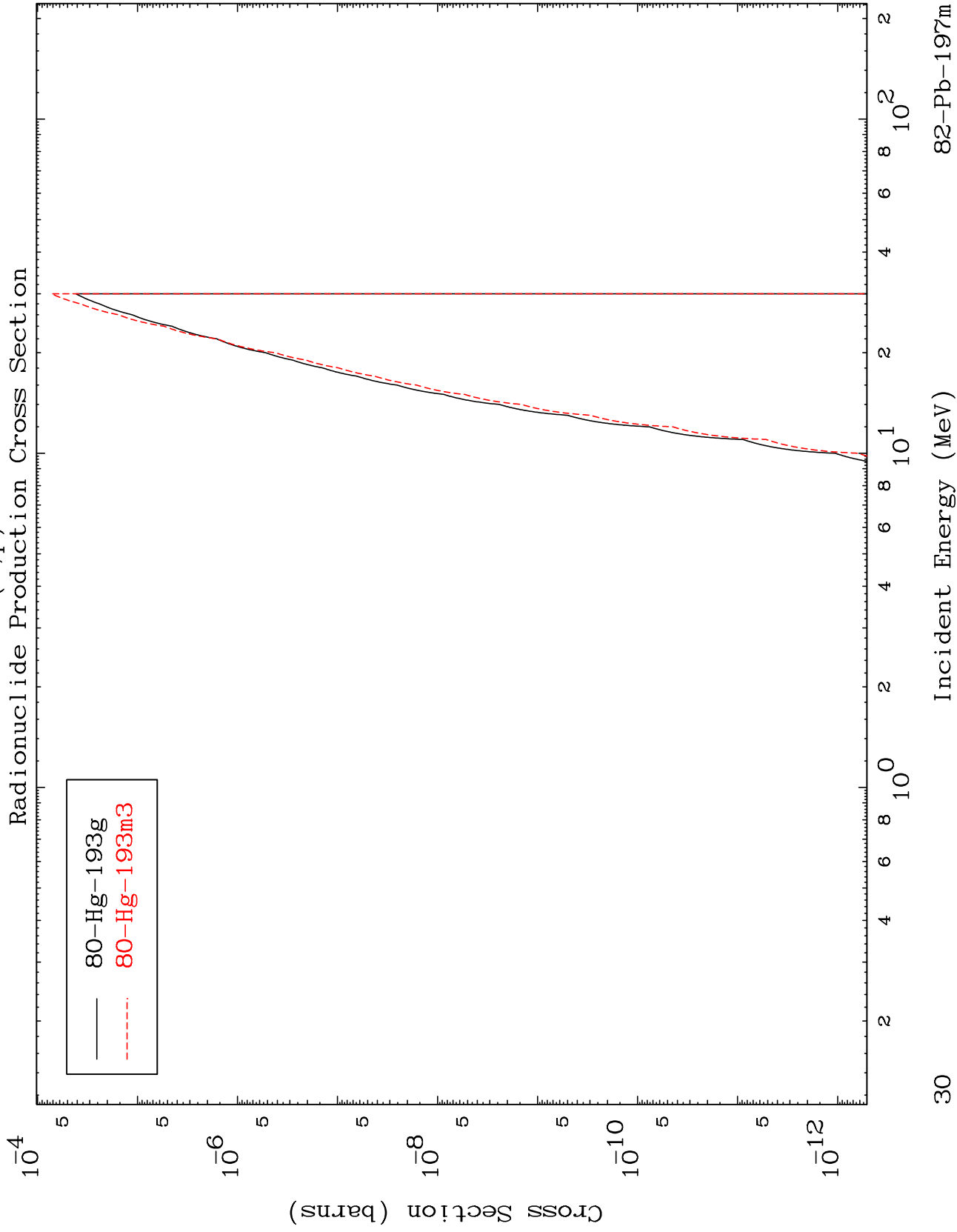
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(n,p) α

82-Pb-197m

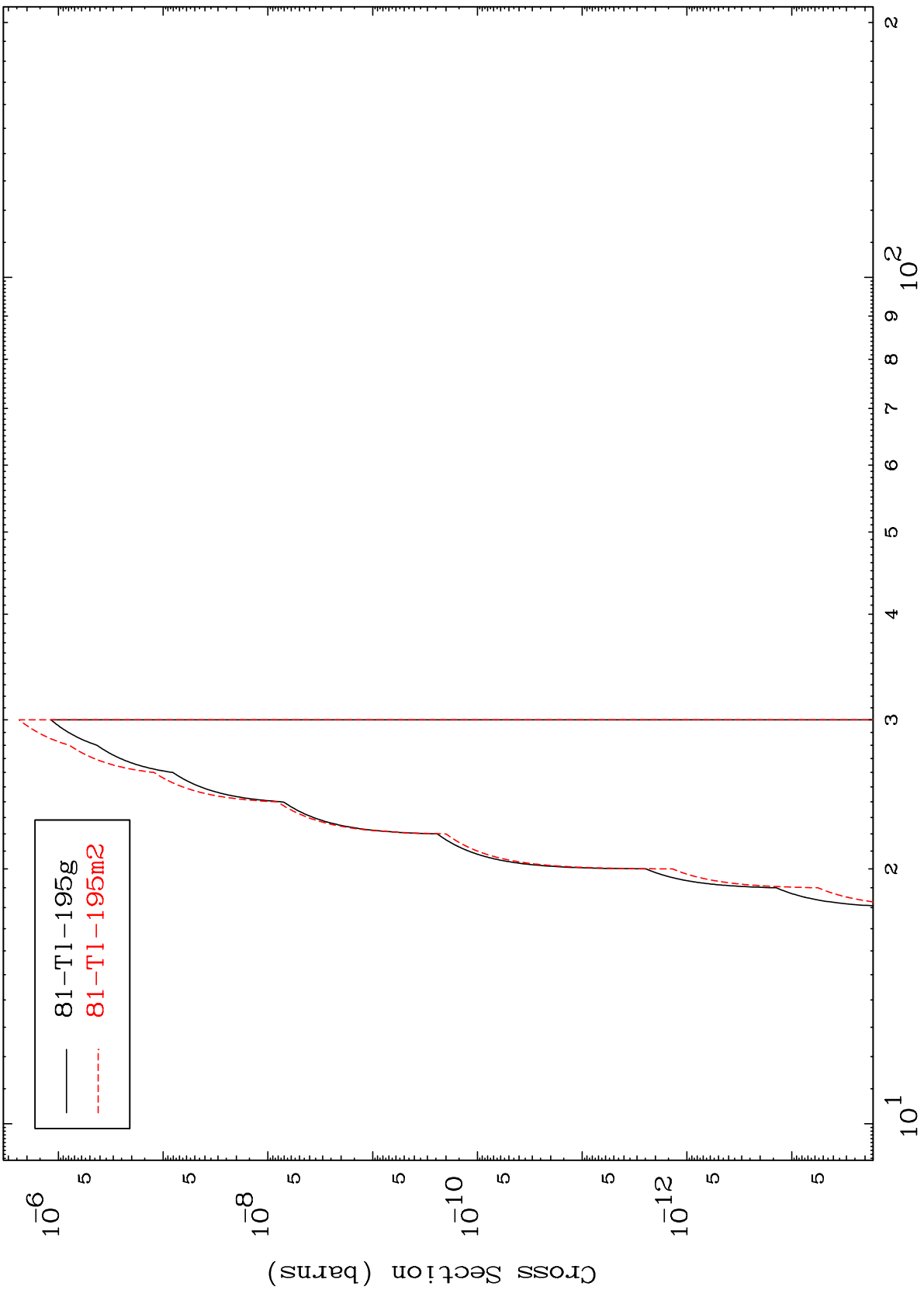


MAT 8205

(n,p) d

82-Pb-197m

Radionuclide Production Cross Section



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

31

Incident Energy (MeV)

82-Pb-197m

MAT 8205

(n,p) t

82-Pb-197m

Radionuclide Production Cross Section

