

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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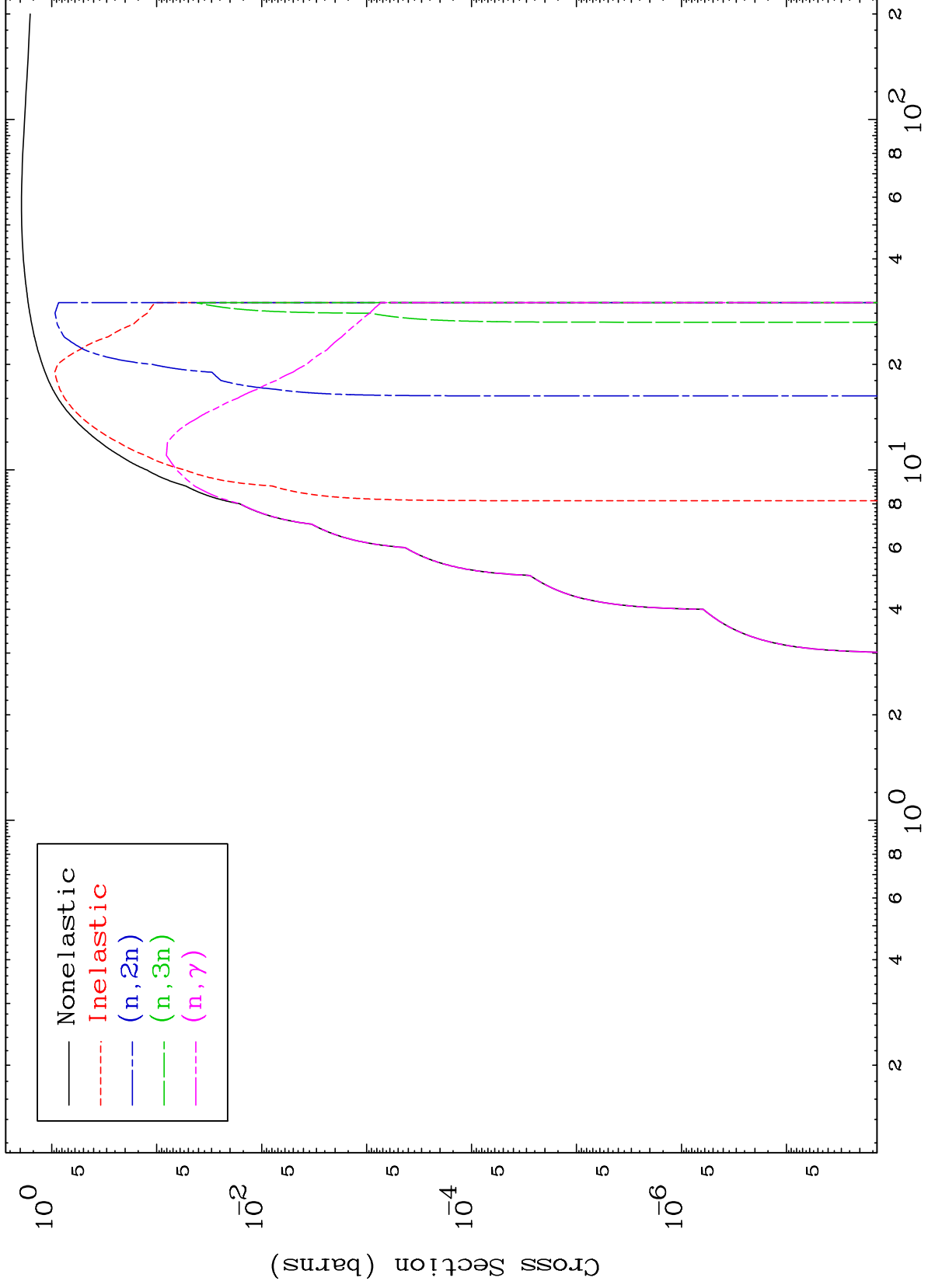
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

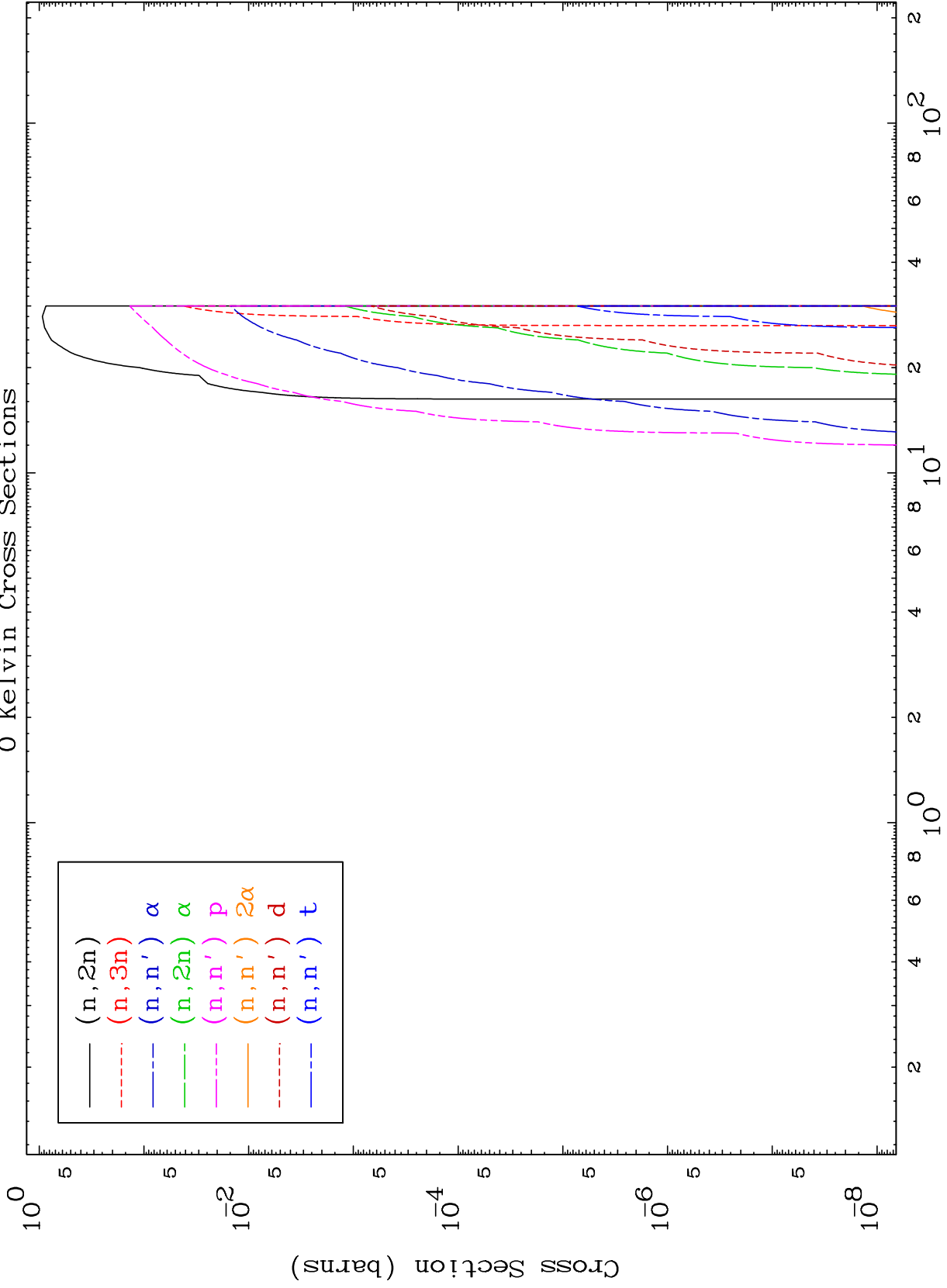
0 Kelvin Cross Sections

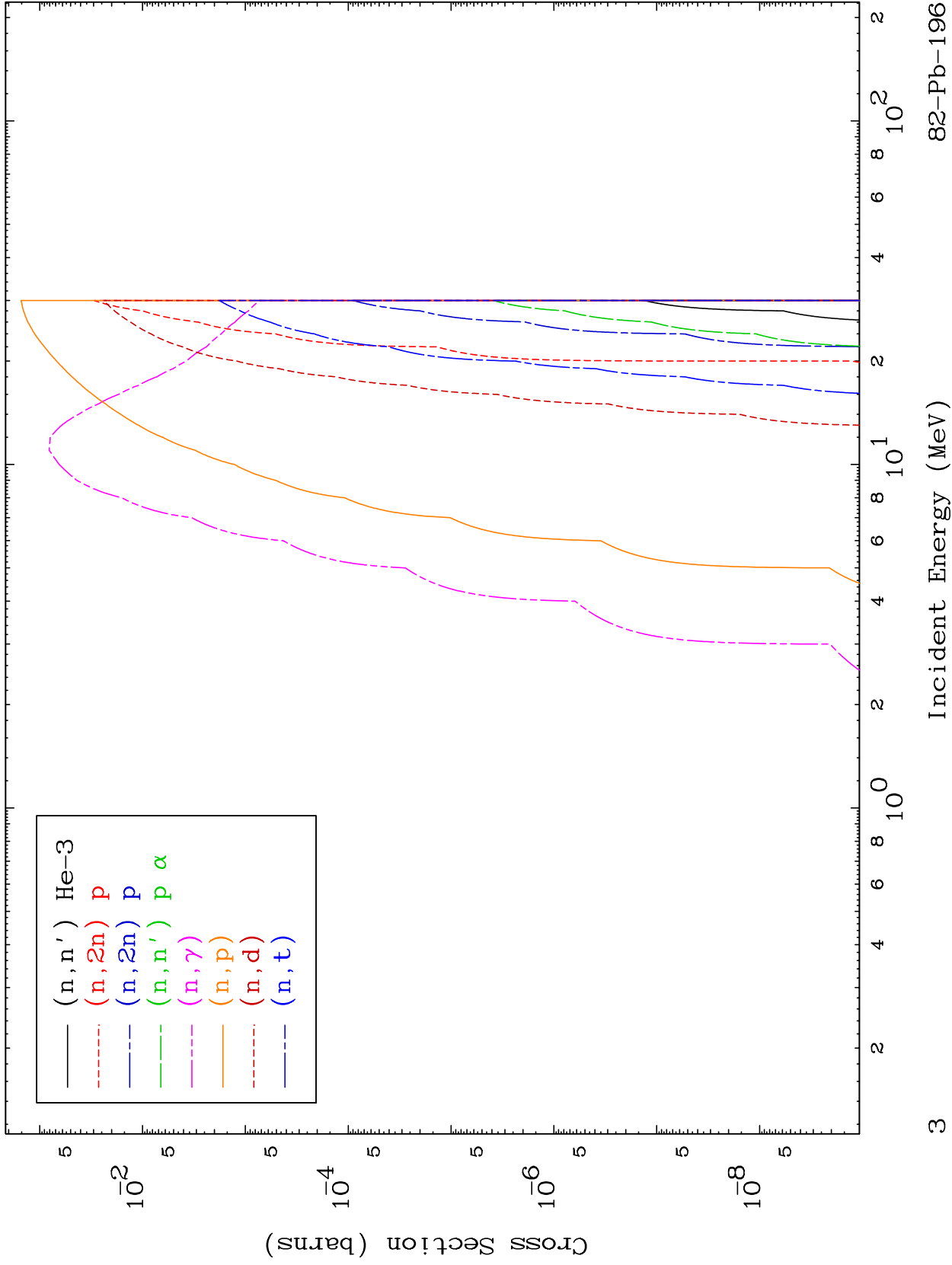


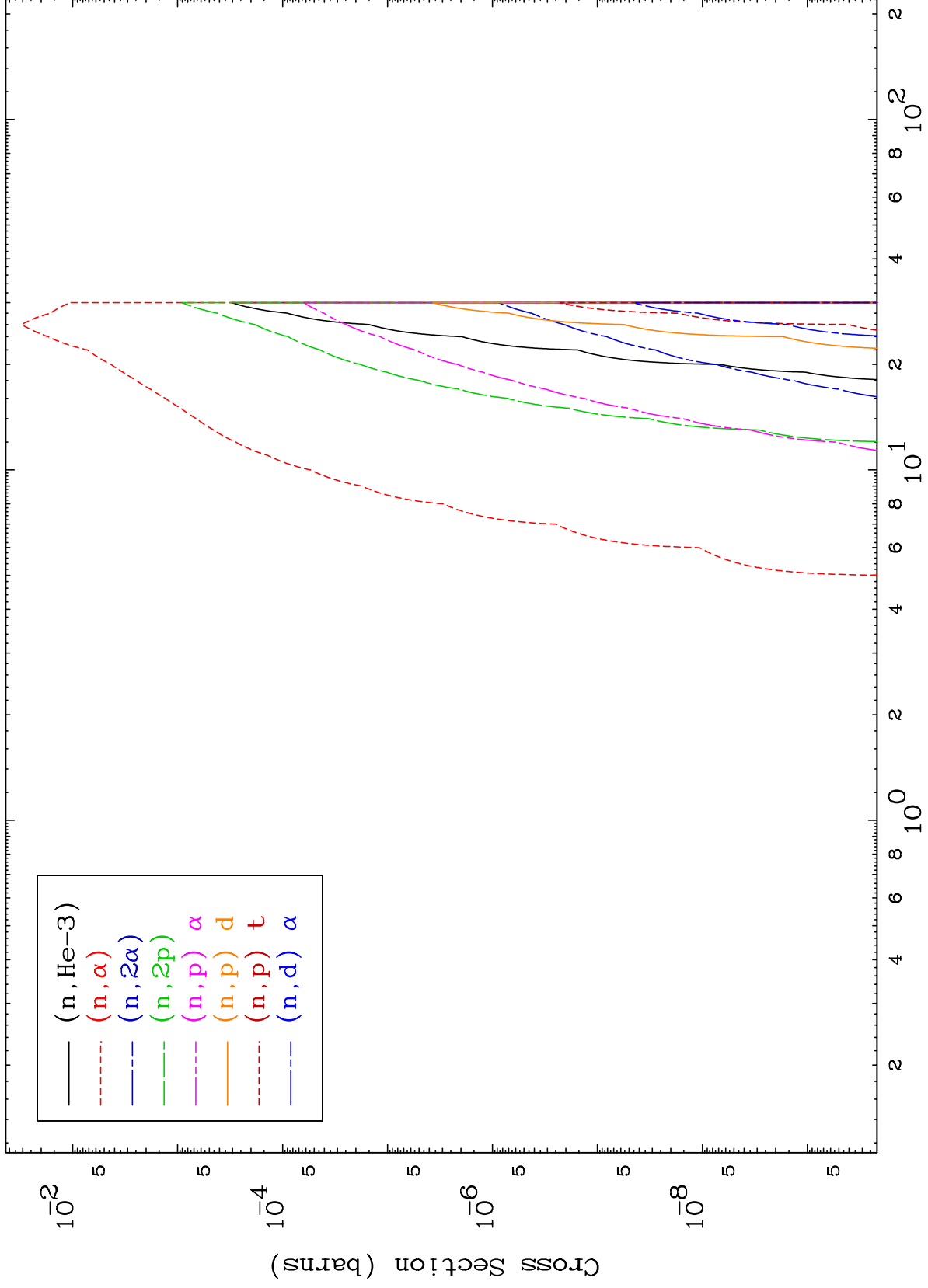
MAT 8201

Proton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-196



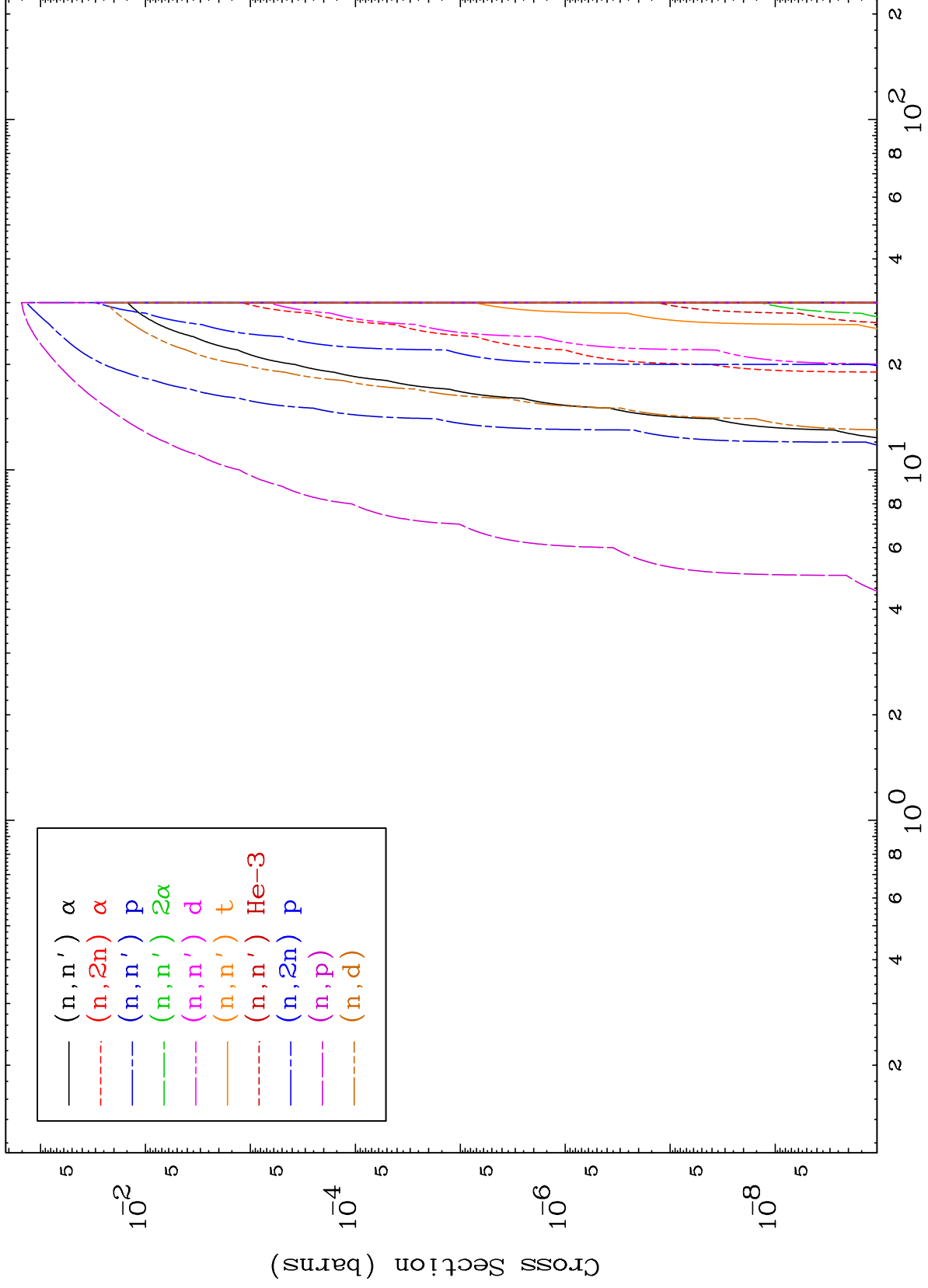




MAT 8201

Proton Charged Particle
0 Kelvin Cross Sections

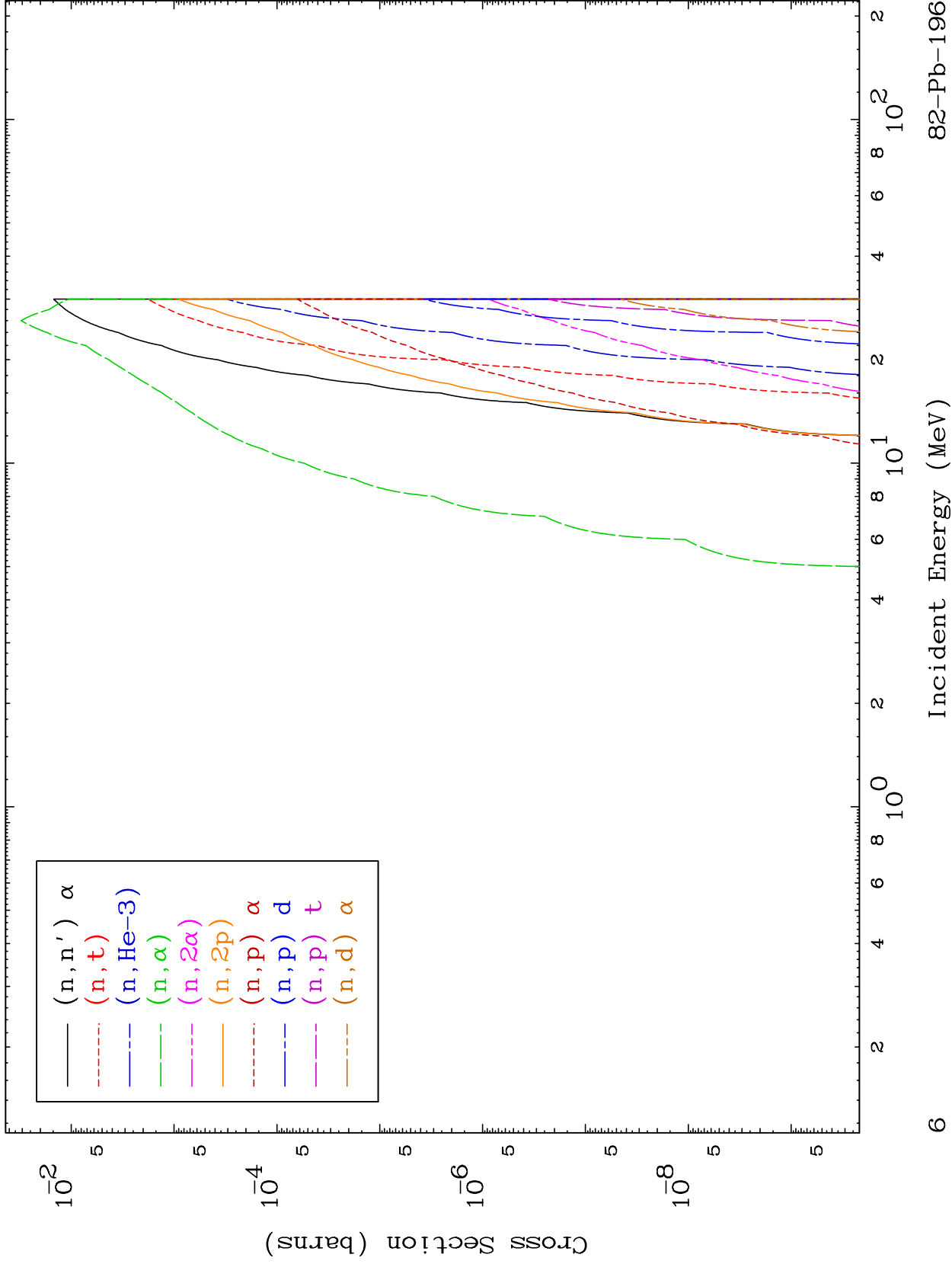
82-Pb-196



MAT 8201

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-196

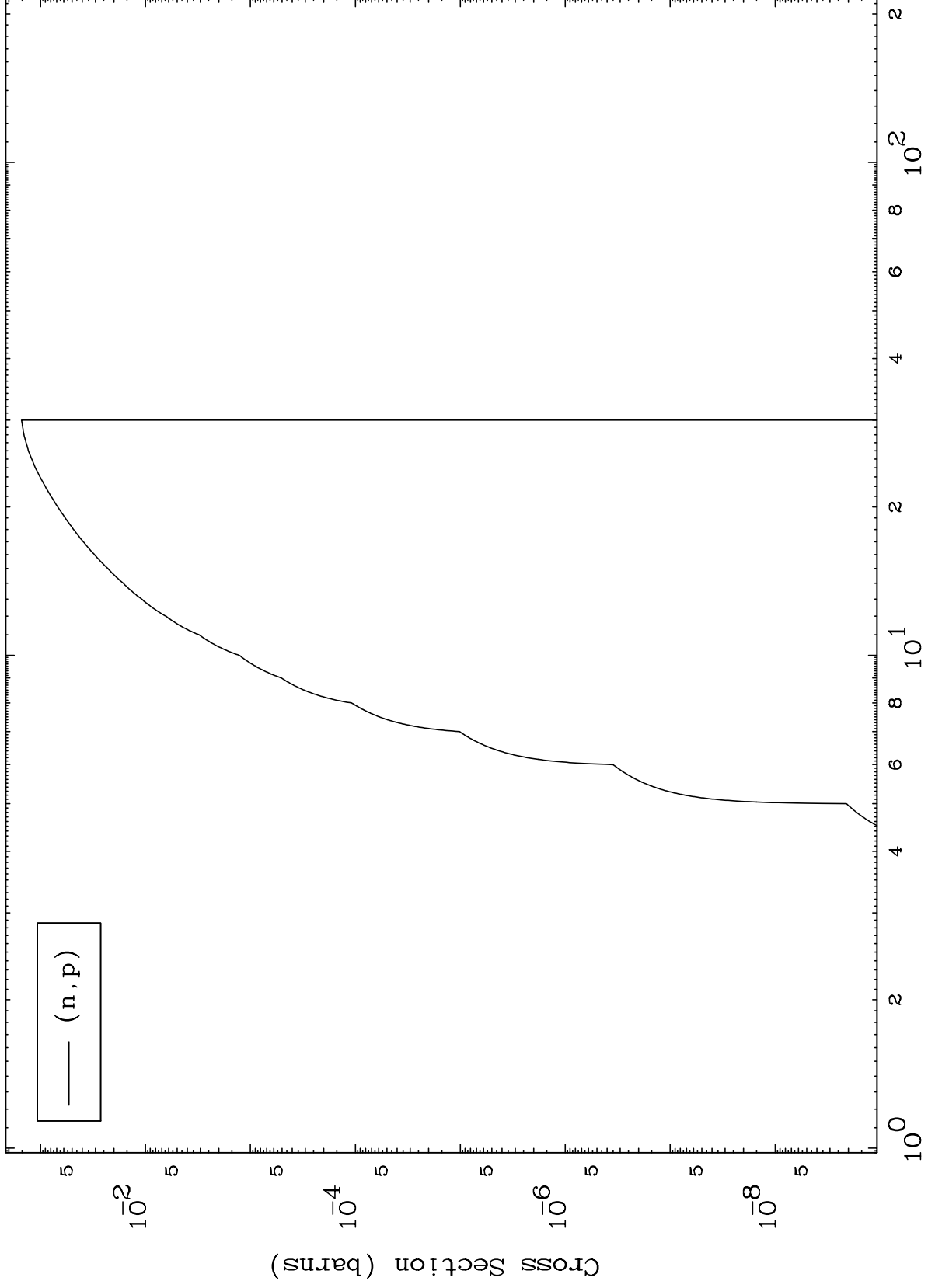


MAT 8201

(p,p) Levels

82-Pb-196

0 Kelvin Cross Sections



7

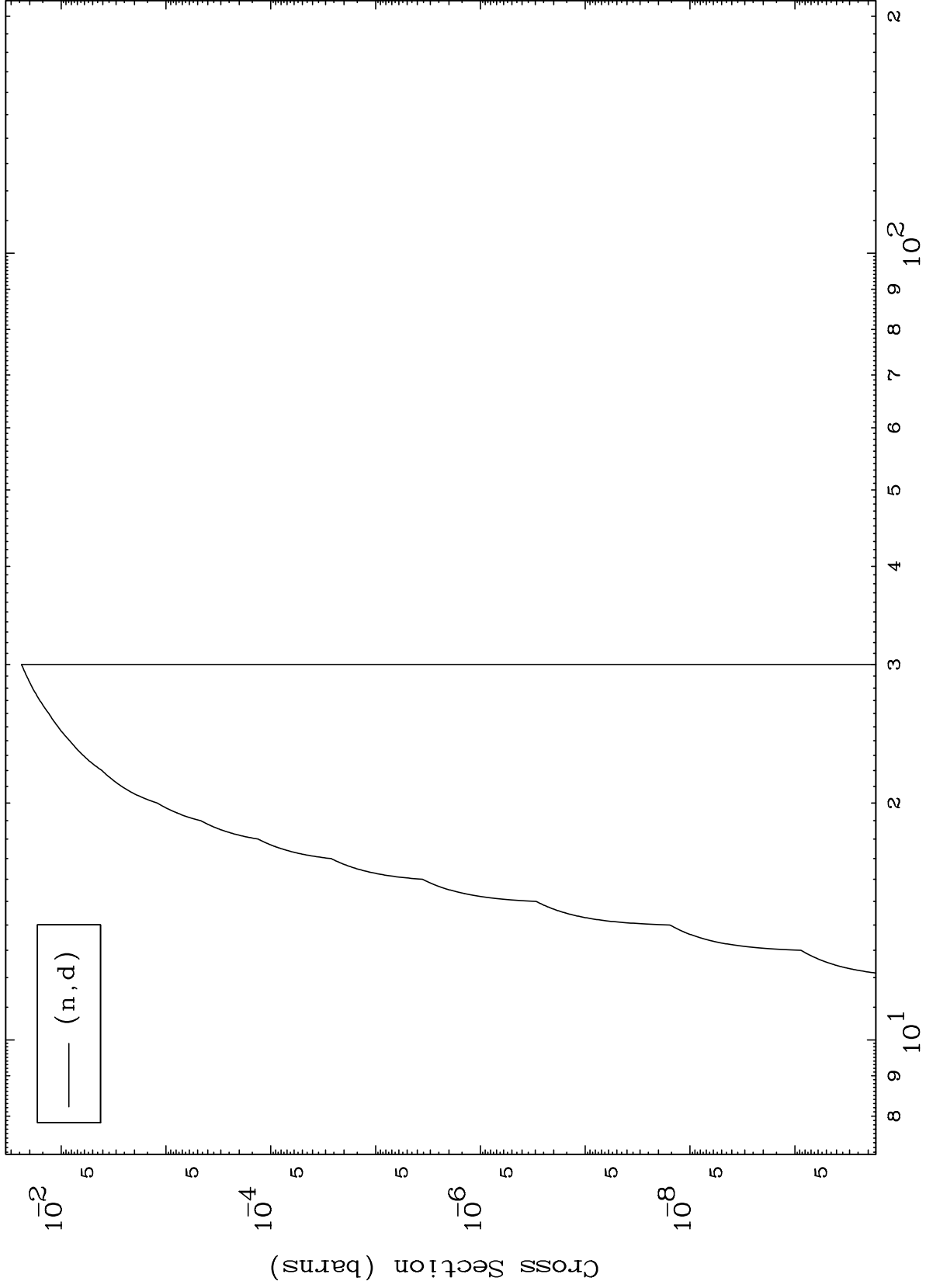
Incident Energy (MeV)

82-Pb-196

MAT 8201

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-196



8

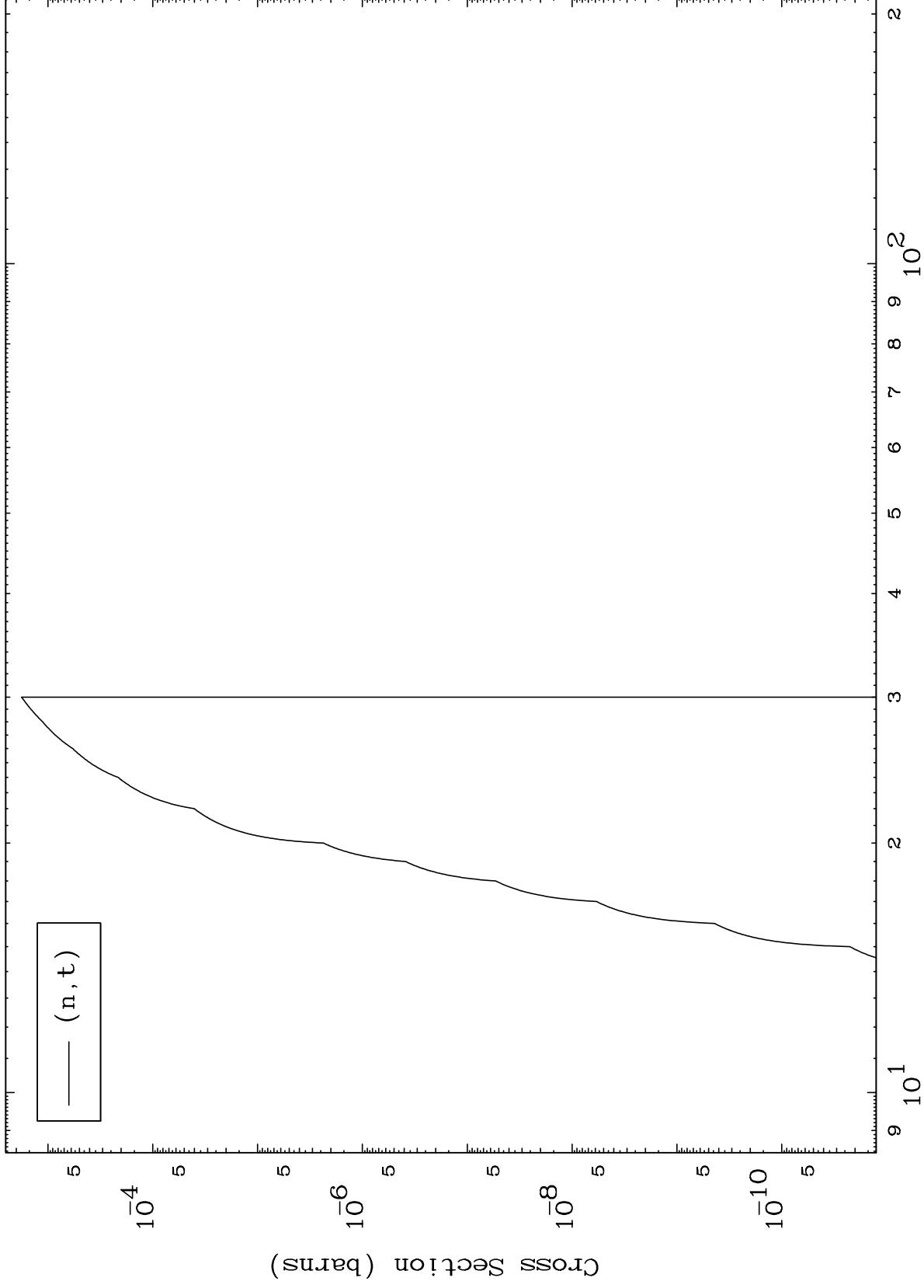
Incident Energy (MeV)

82-Pb-196

MAT 8201

(p,t) Levels
0 Kelvin Cross Sections

82-Pb-196



9

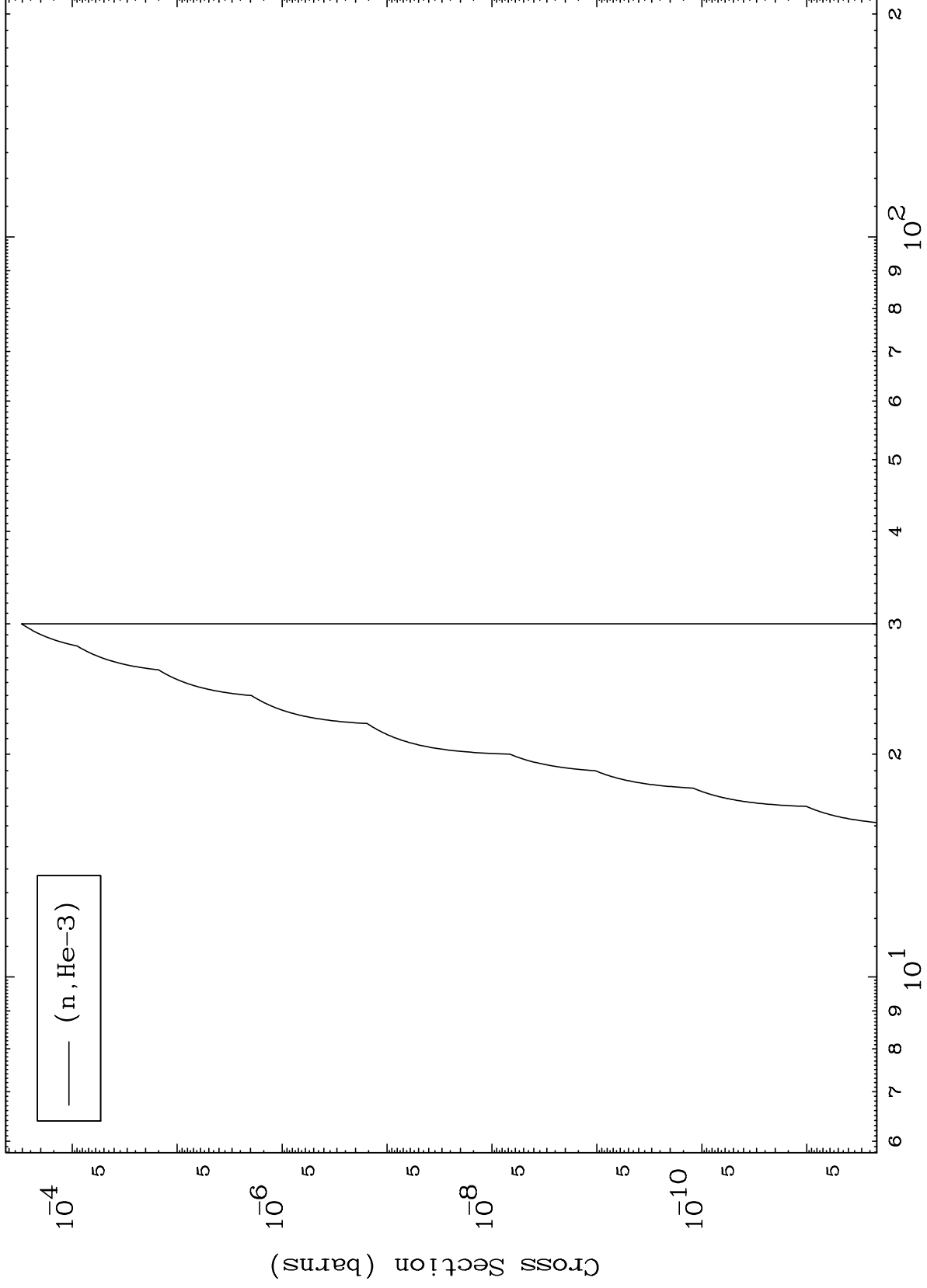
Incident Energy (MeV)

82-Pb-196

MAT 8201

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-196



10

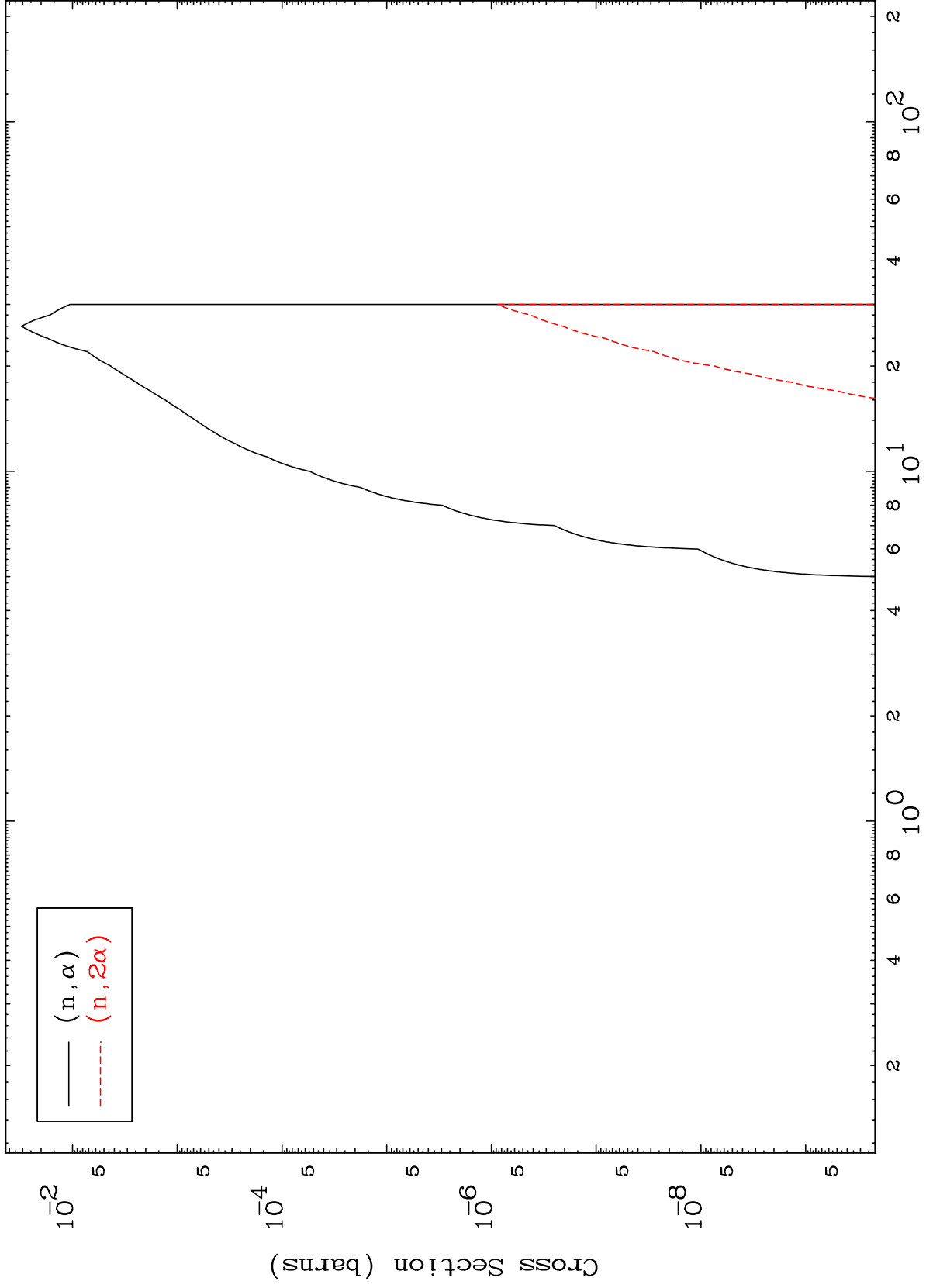
Incident Energy (MeV)

82-Pb-196

MAT 8201

(p, α) Levels
0 Kelvin Cross Sections

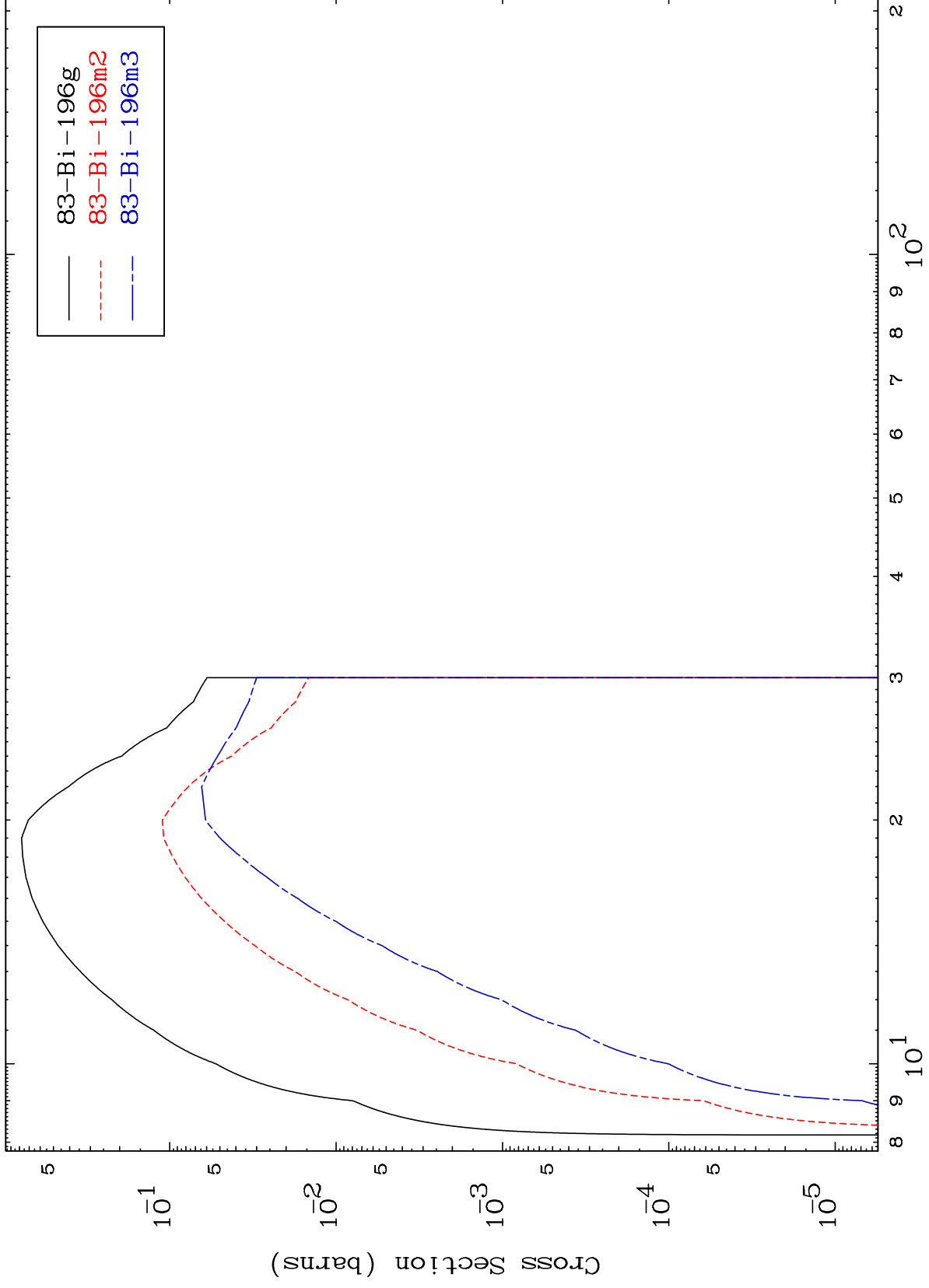
82-Pb-196



MAT 8201

82-Pb-196

Inelastic
Radionuclide Production Cross Section

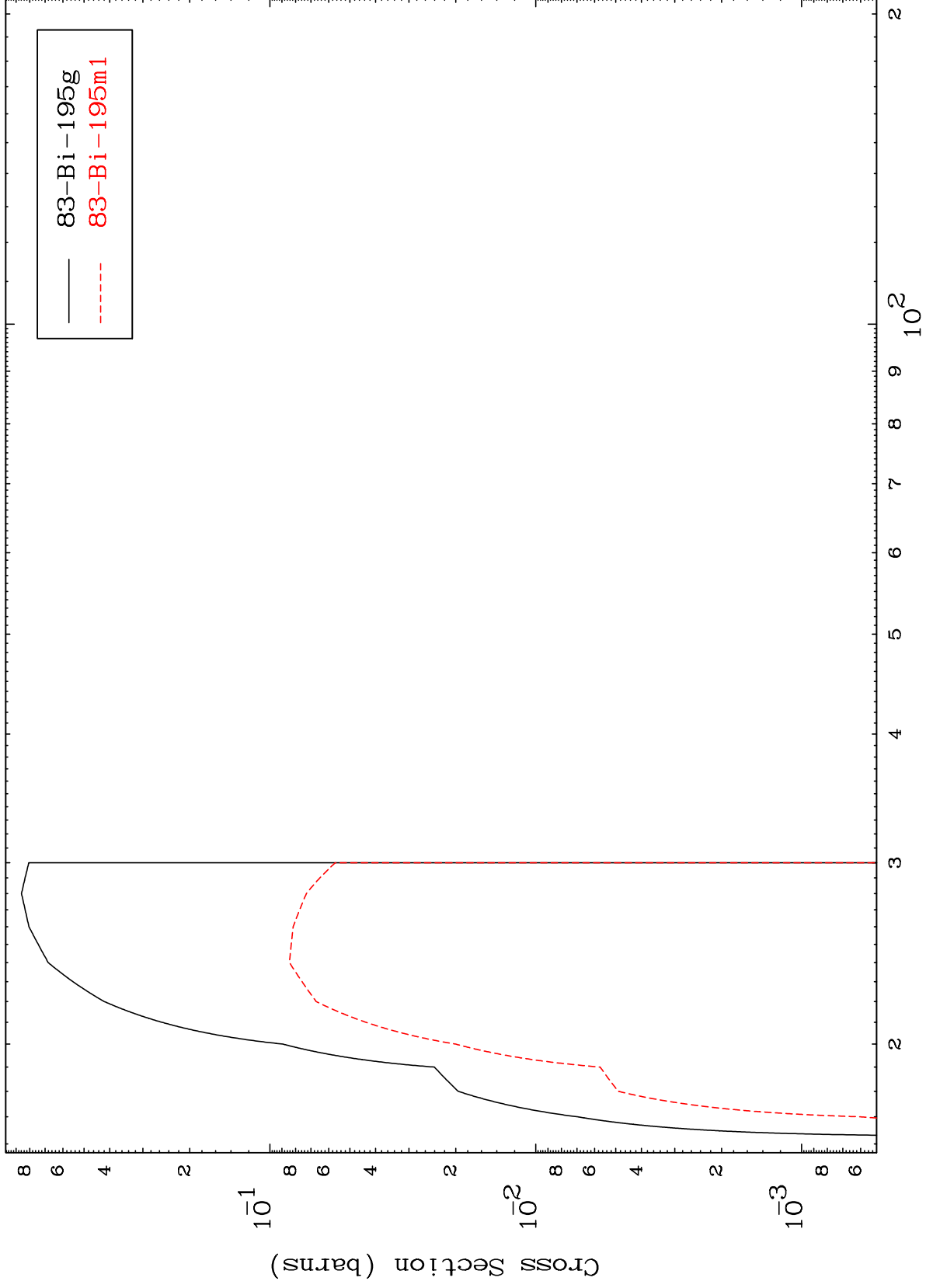


82-Pb-196

Incident Energy (MeV)

12

(n,2n)
Radionuclide Production Cross Section

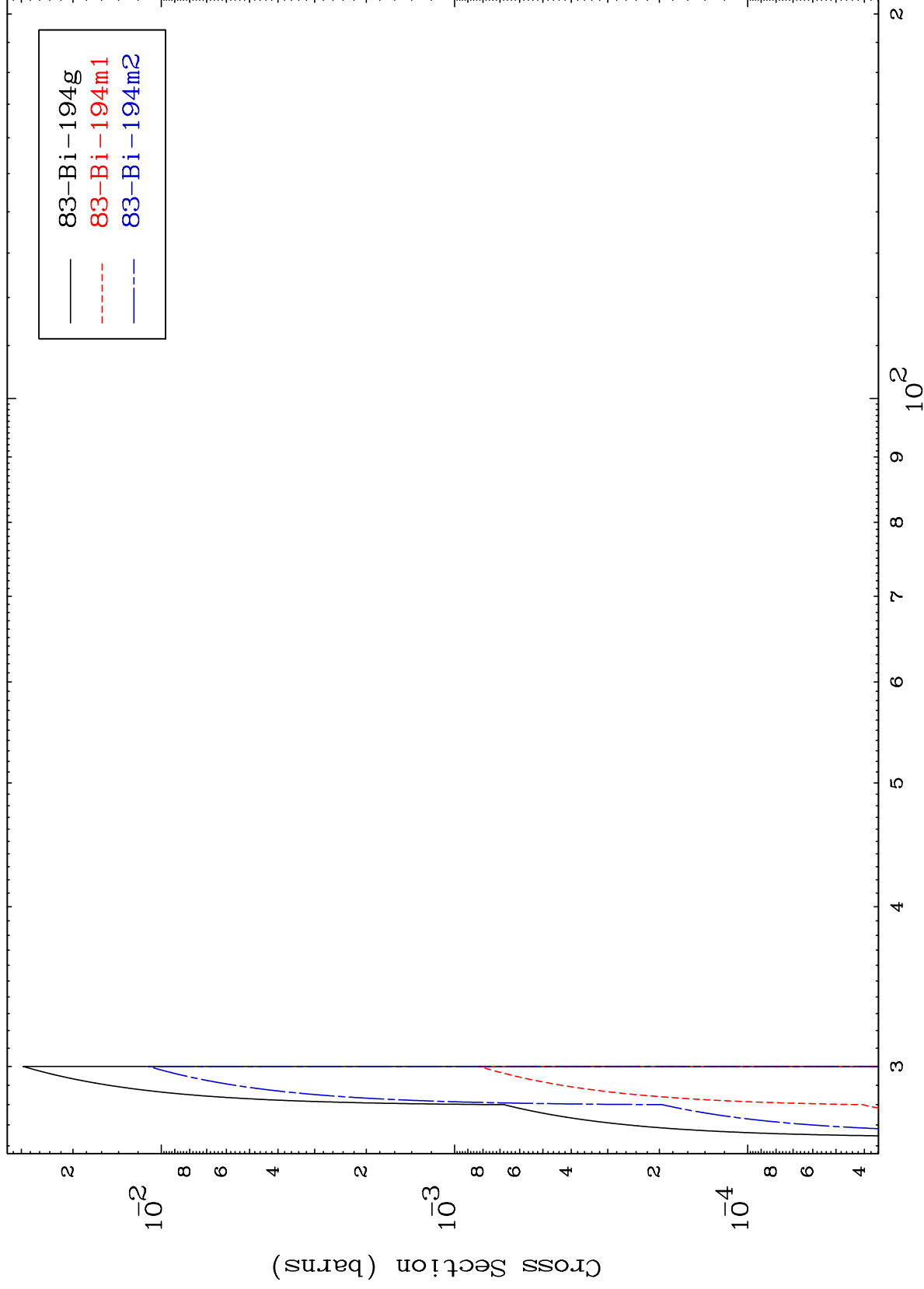


83-Bi-195g
83-Bi-195m1

MAT 8201

82-Pb-196

(n,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

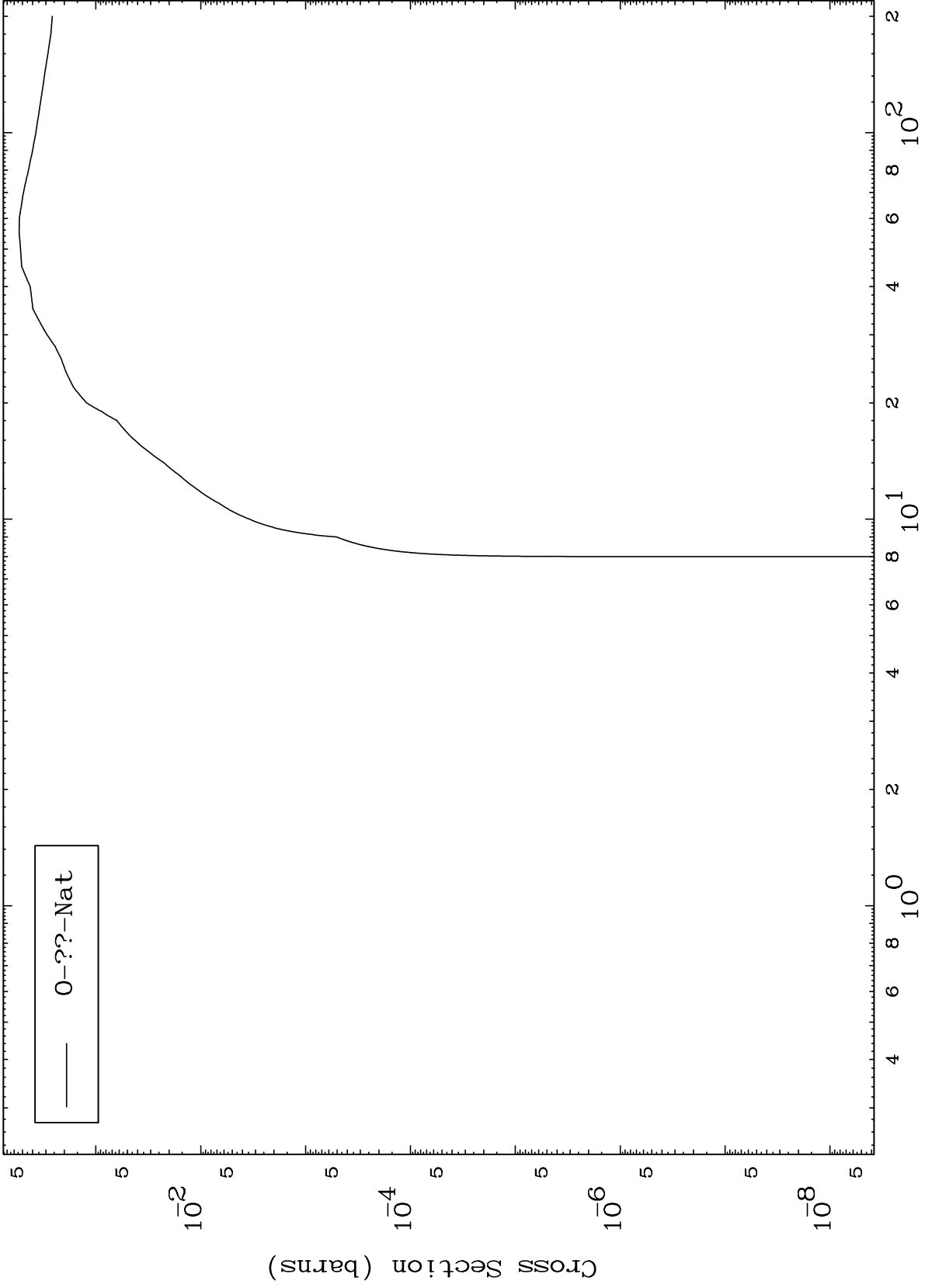
82-Pb-196

MAT 8201

Fission

82-Pb-196

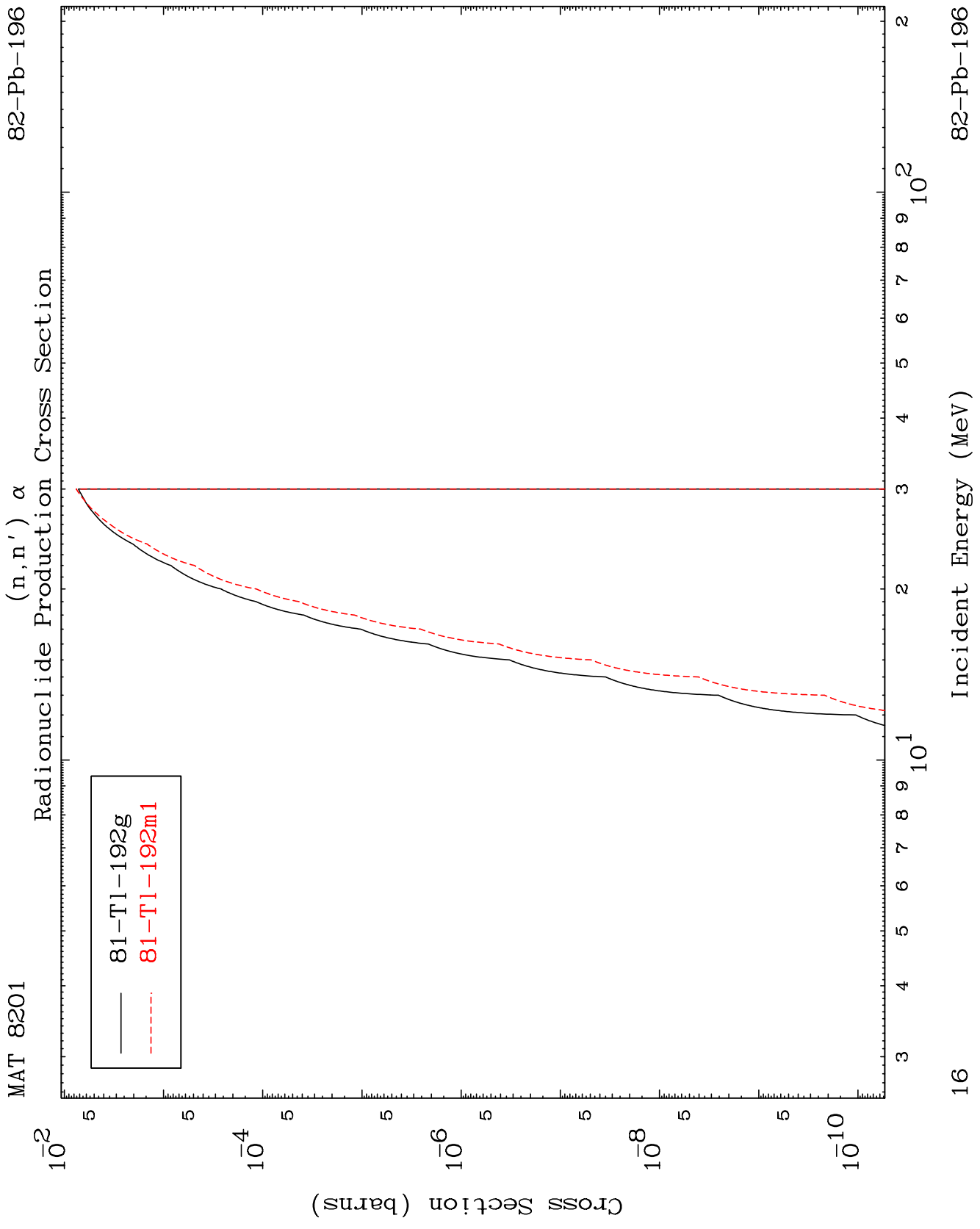
Radionuclide Production Cross Section



15

Incident Energy (MeV)

82-Pb-196

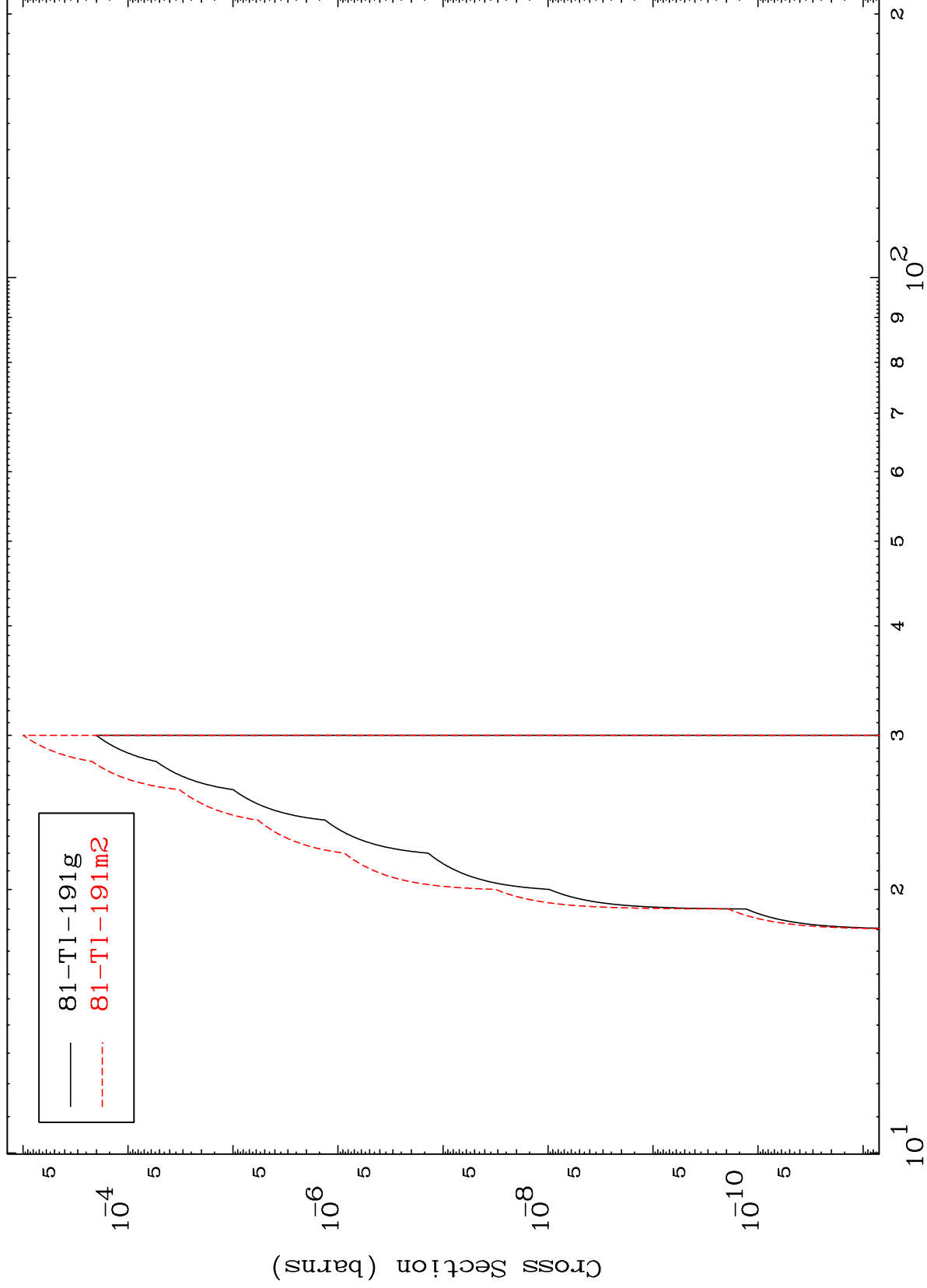


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(n,2n) α

82-Pb-196

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-196

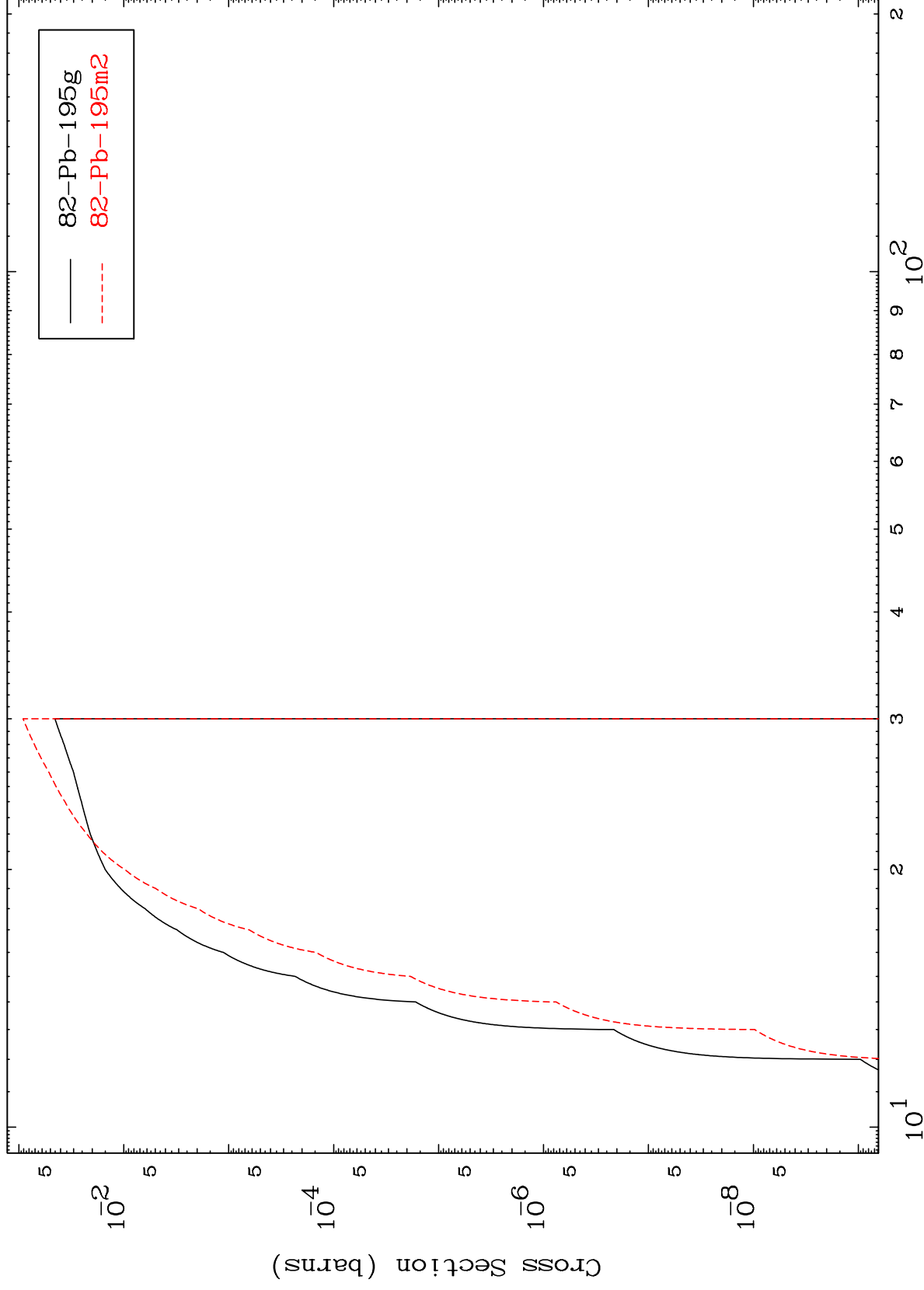
17

MAT 8201

(n,n') p

82-Pb-196

Radionuclide Production Cross Section



82-Pb-196

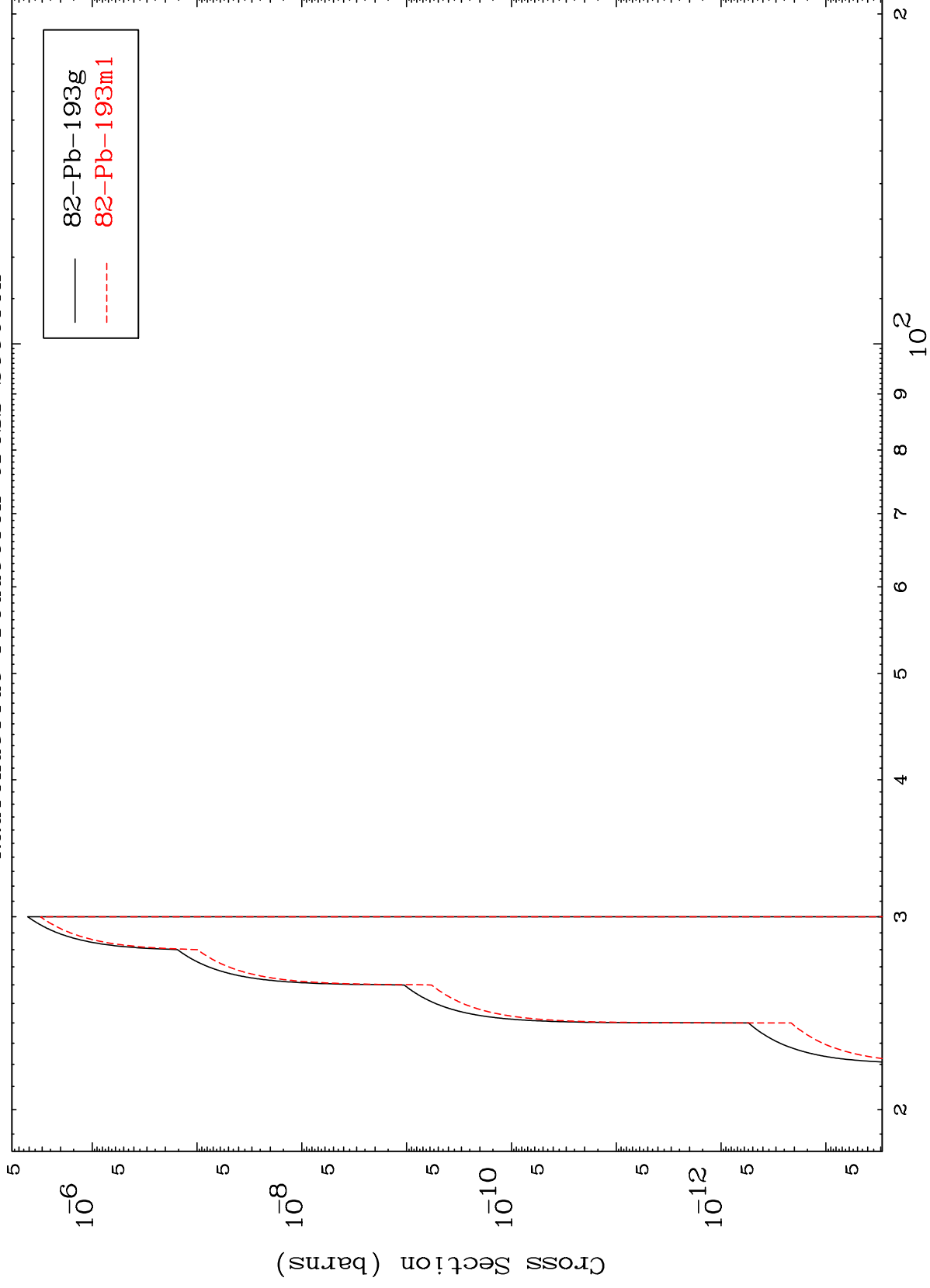
Incident Energy (MeV)

MAT 8201

(n,n') t

82-Pb-196

Radionuclide Production Cross Section

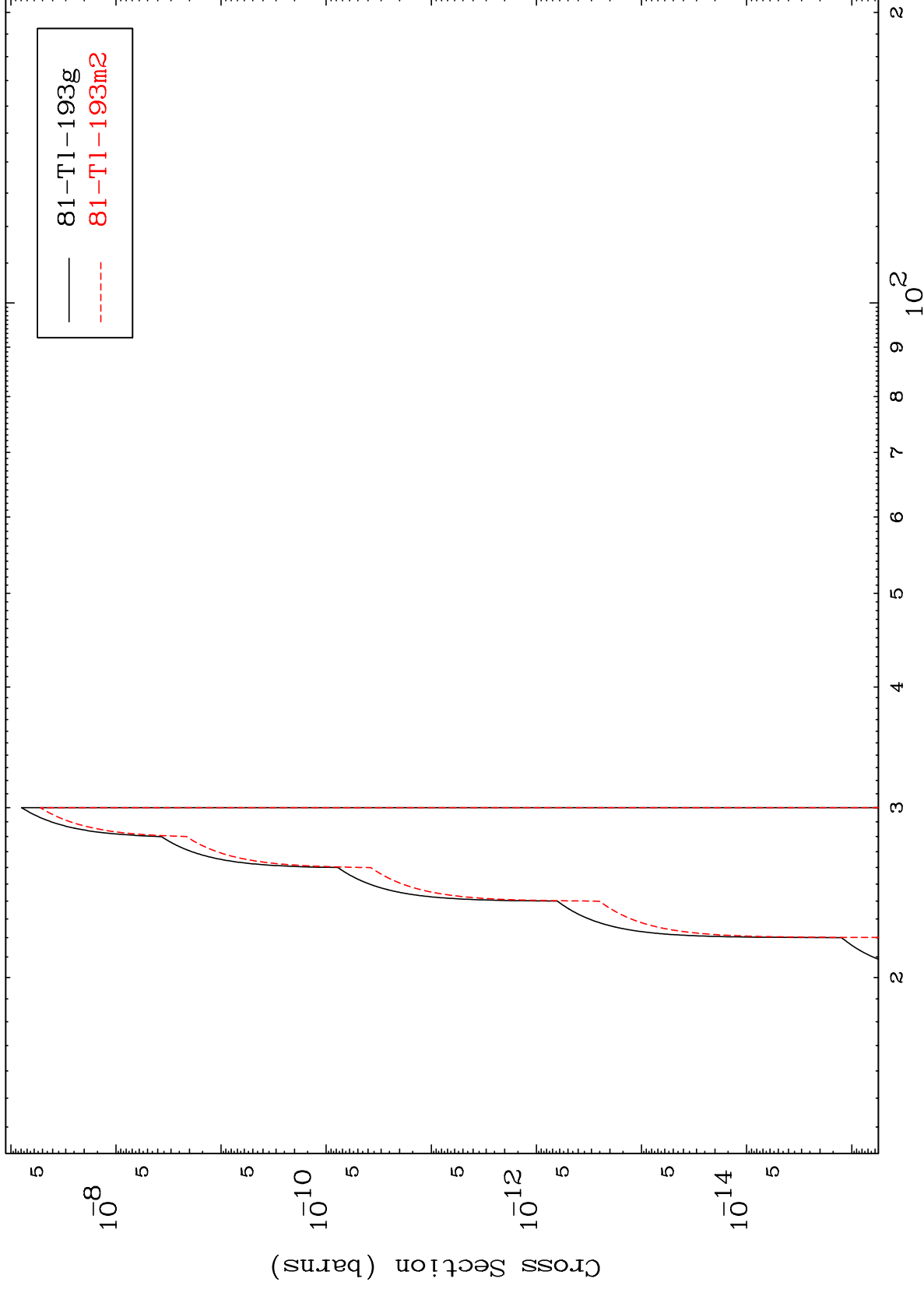


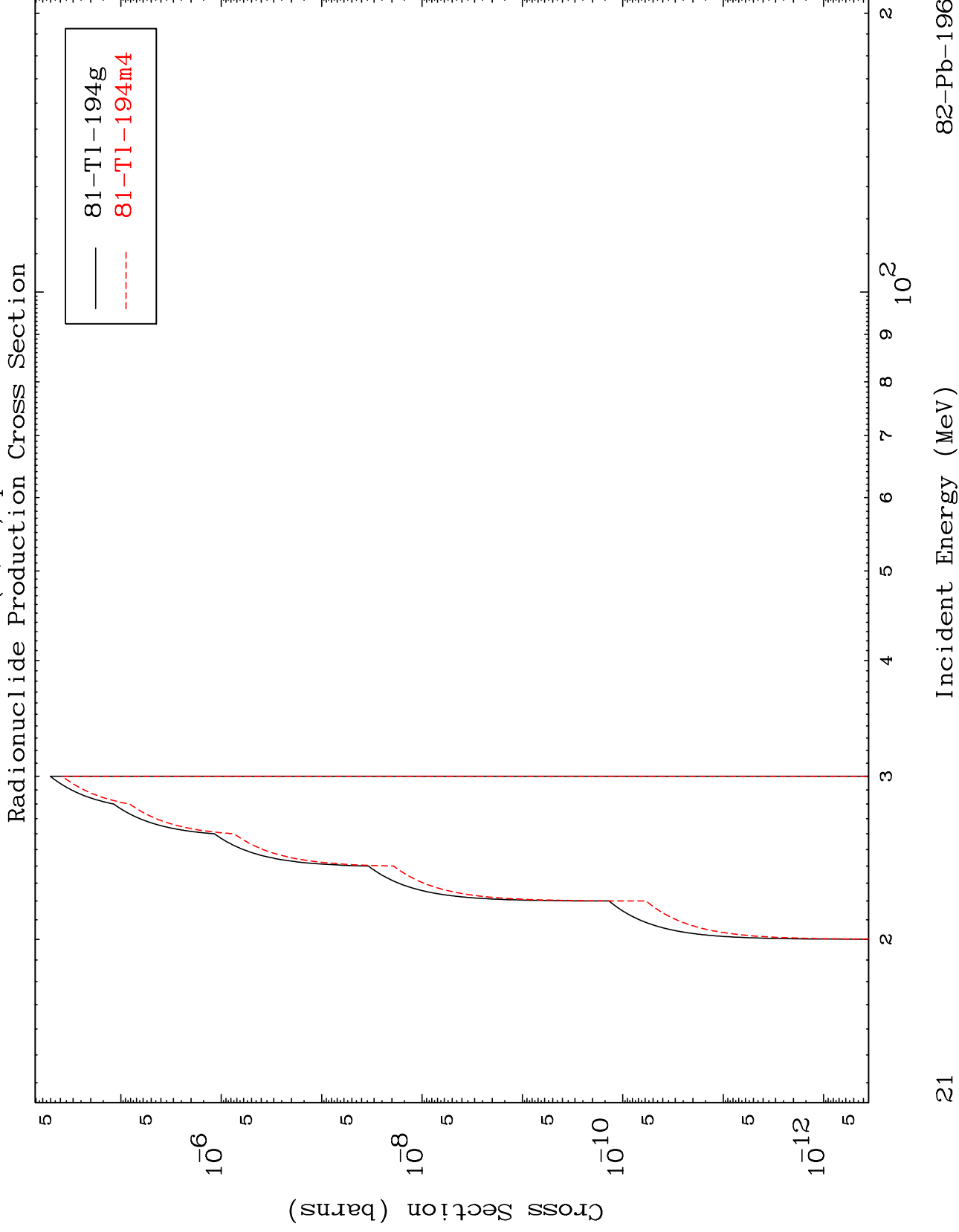
19

Incident Energy (MeV)

82-Pb-196

Radionuclide Production Cross Section



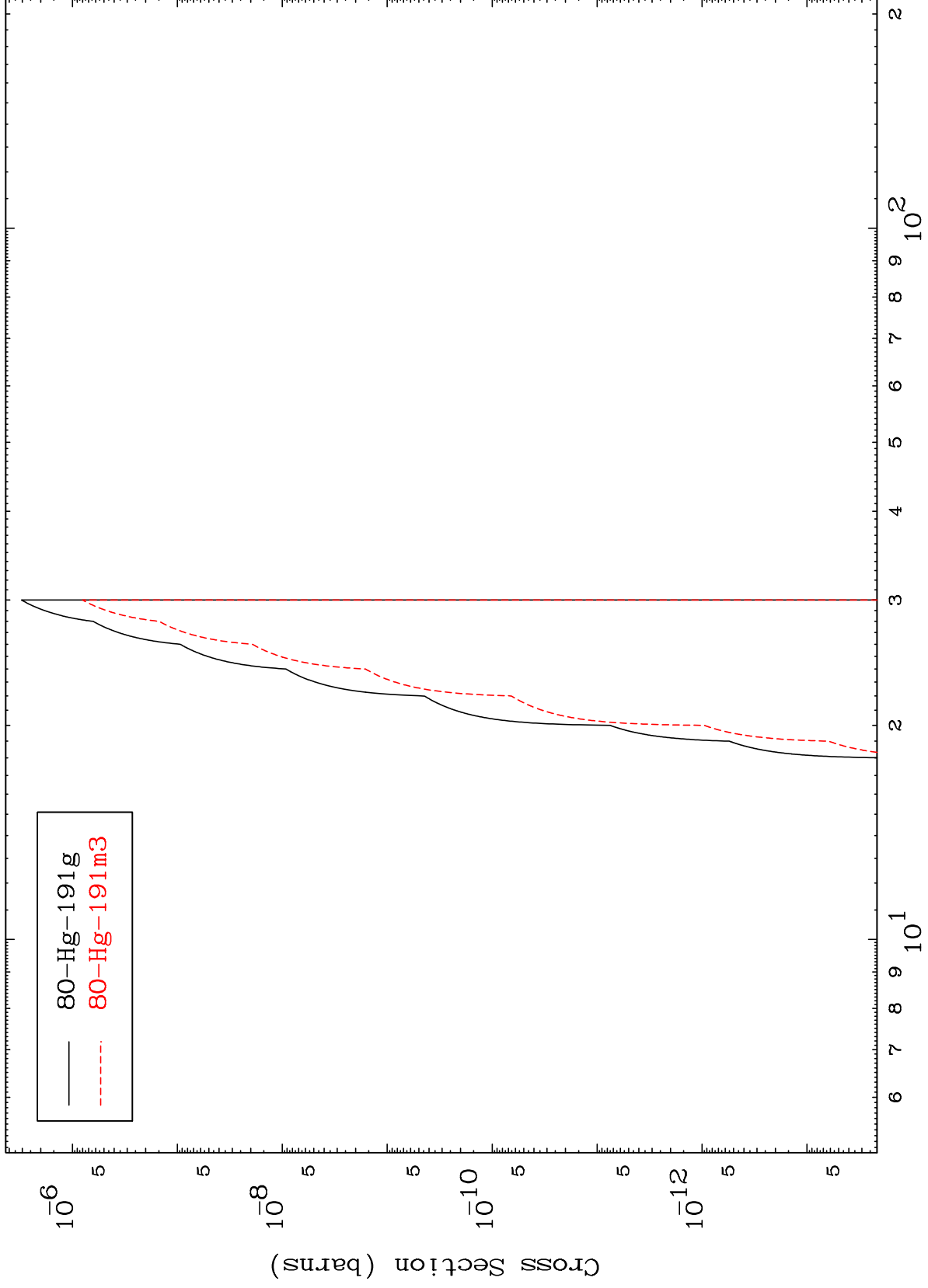


MAT 8201

(n,n') p α

82-Pb-196

Radionuclide Production Cross Section



22

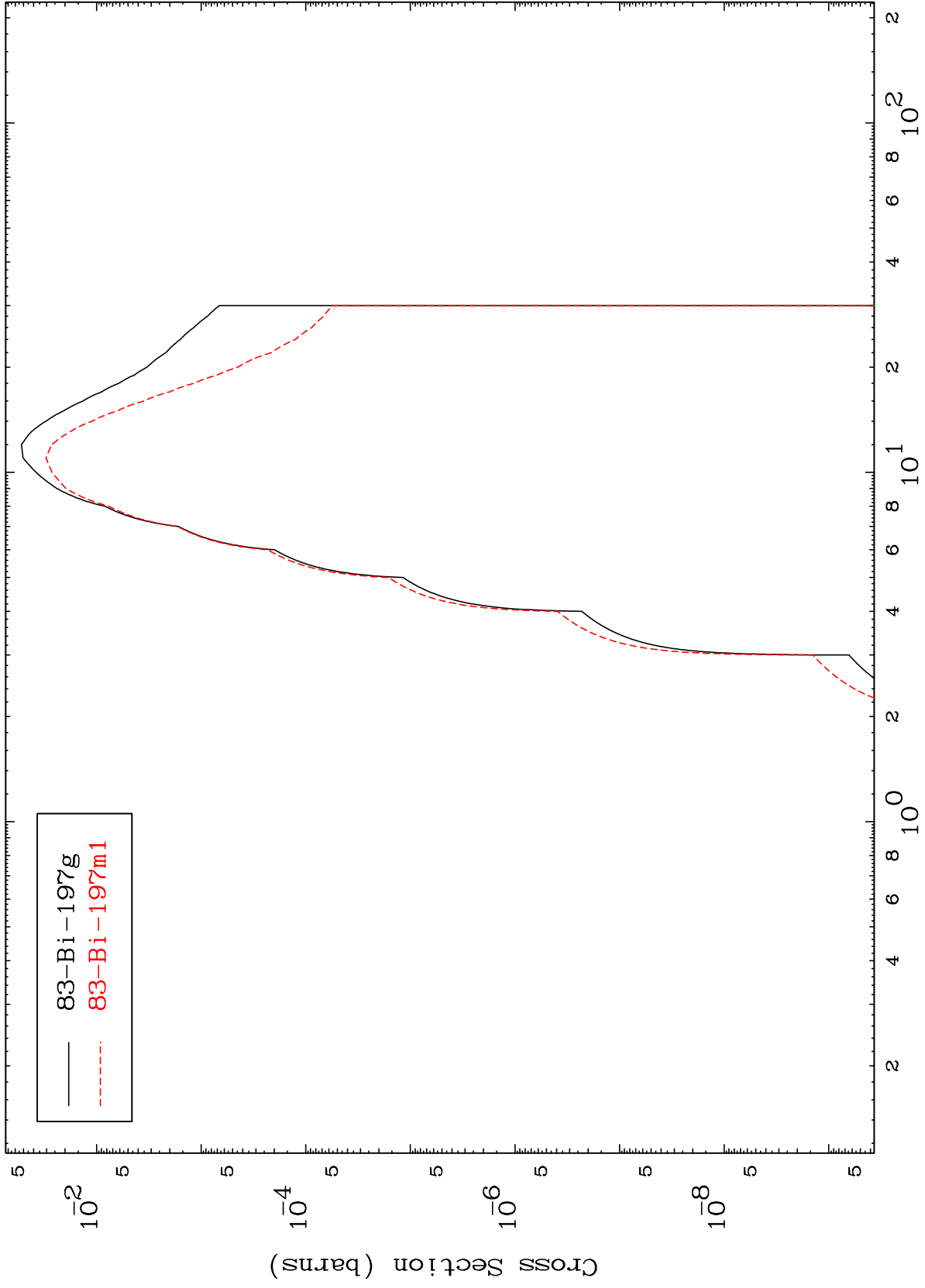
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n, γ)
Radionuclide Production Cross Section

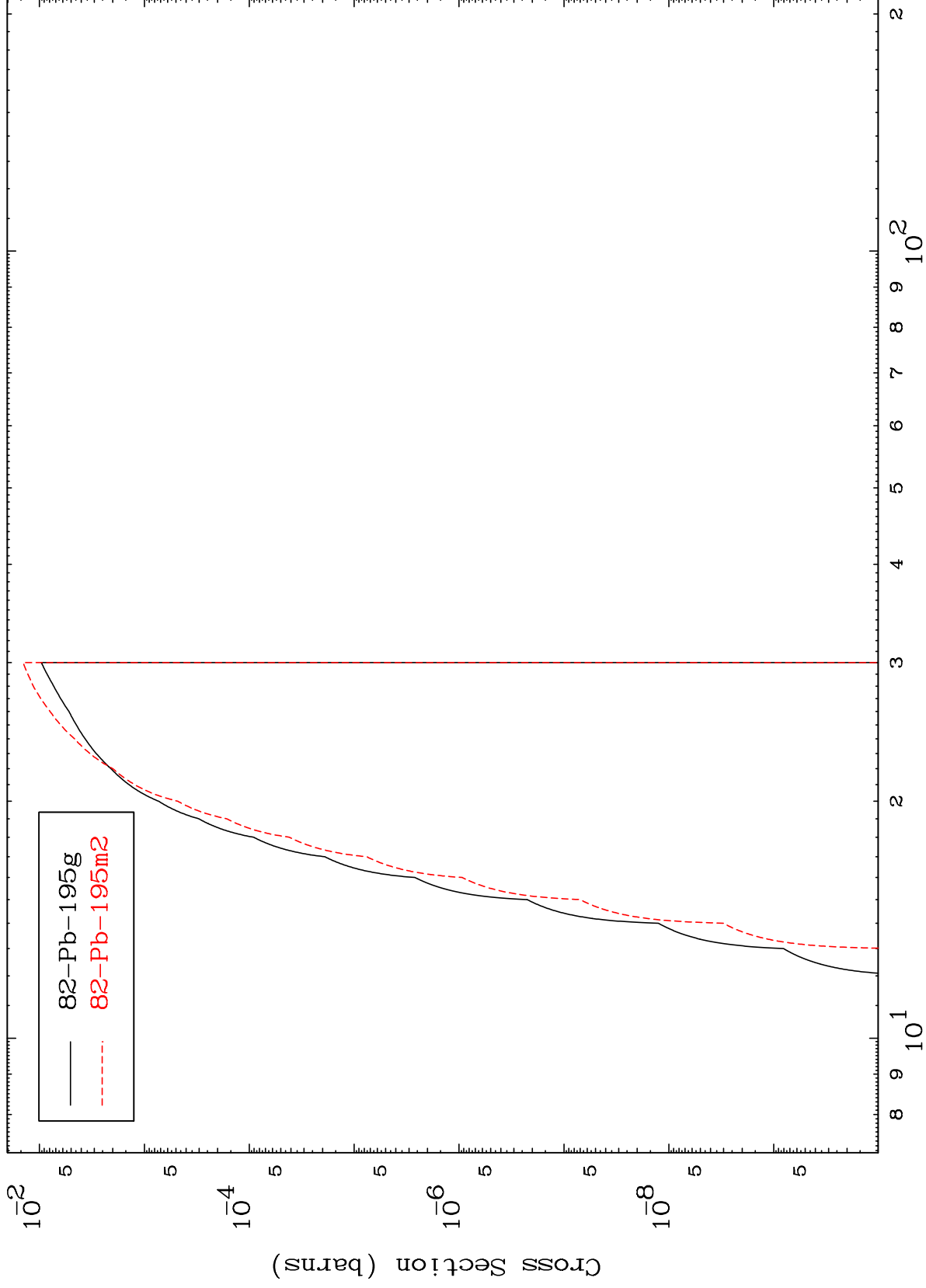


MAT 8201

(n,d)

82-Pb-196

Radionuclide Production Cross Section



24

Incident Energy (MeV)

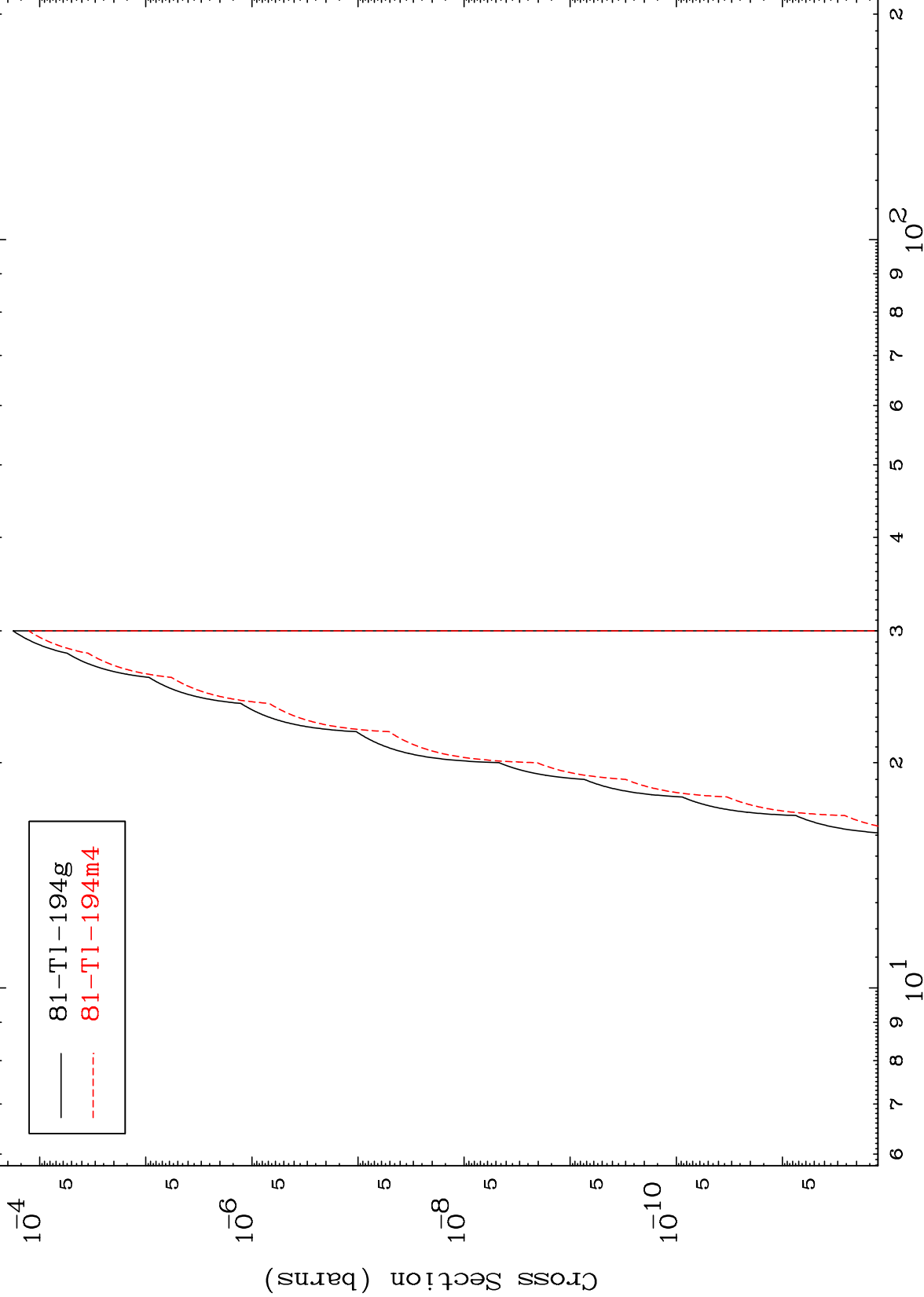
82-Pb-196

MAT 8201

(n,He-3)

82-Pb-196

Radionuclide Production Cross Section

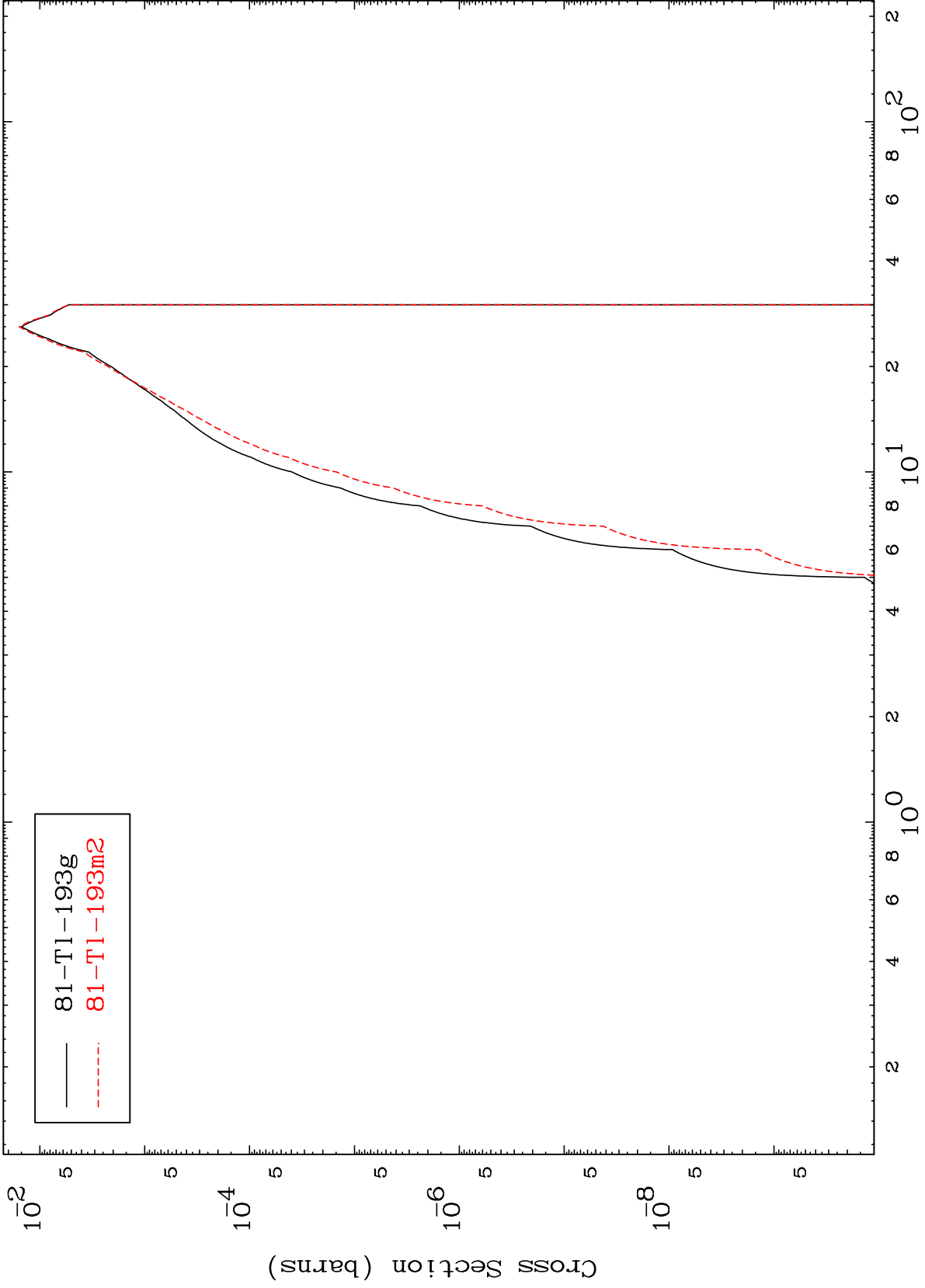


81-Tl-194g
81-Tl-194m4

MAT 8201

82-Pb-196

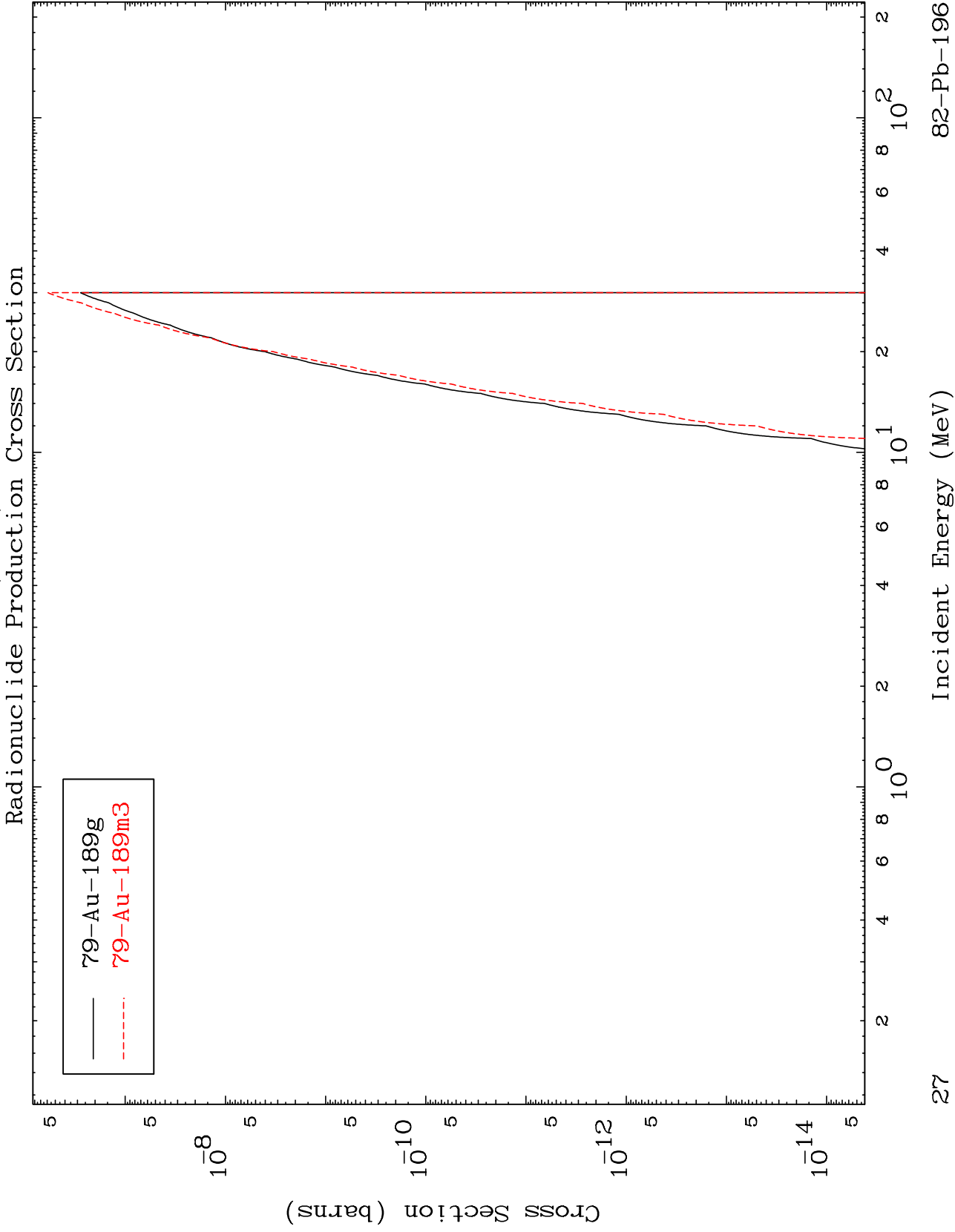
Radionuclide Production Cross Section
(n, α)



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(n,2α)

82-Pb-196

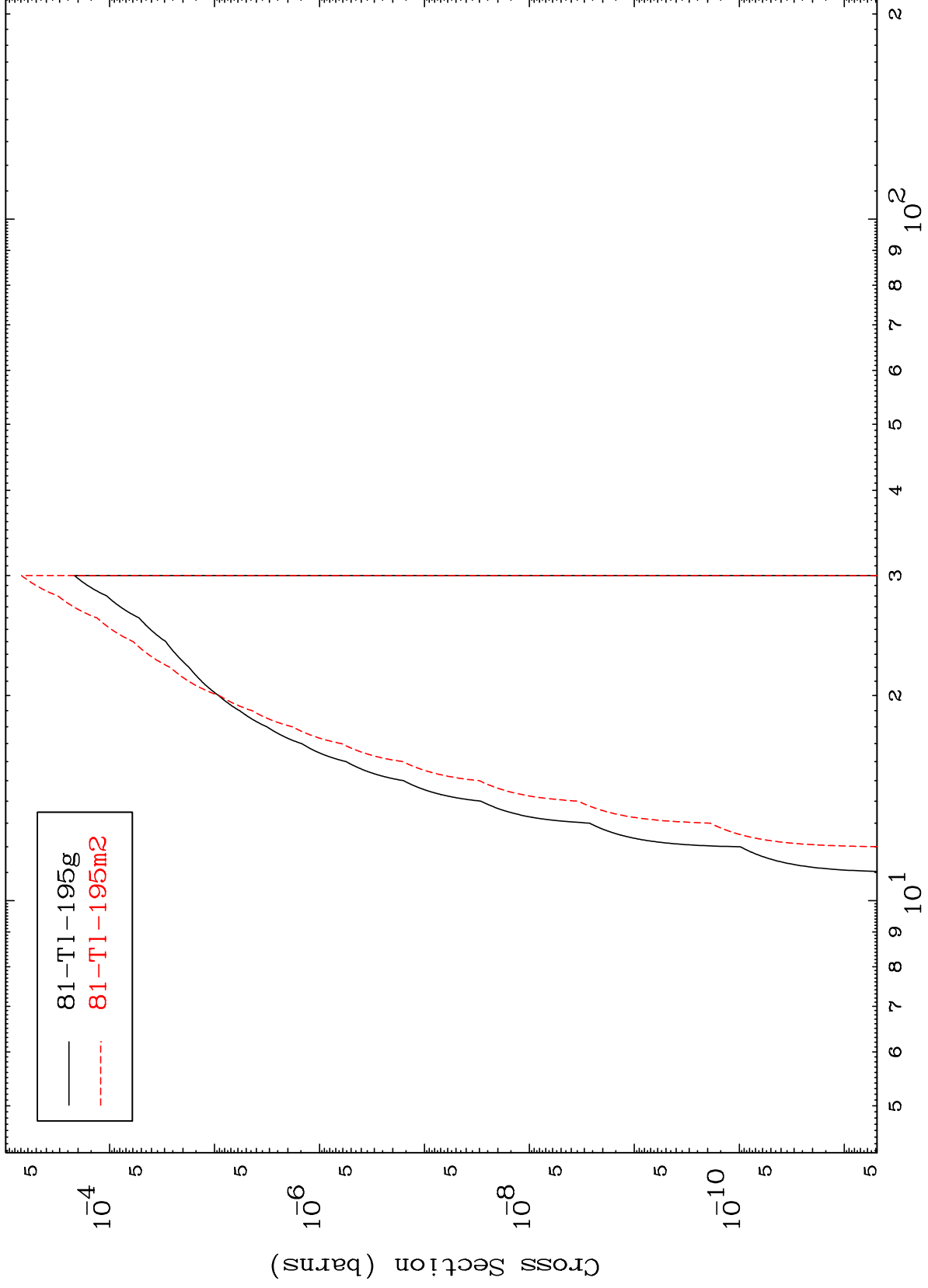


— 79-Au-189g
- - - 79-Au-189m3

MAT 8201

82-Pb-196

(n,2p)
Radionuclide Production Cross Section

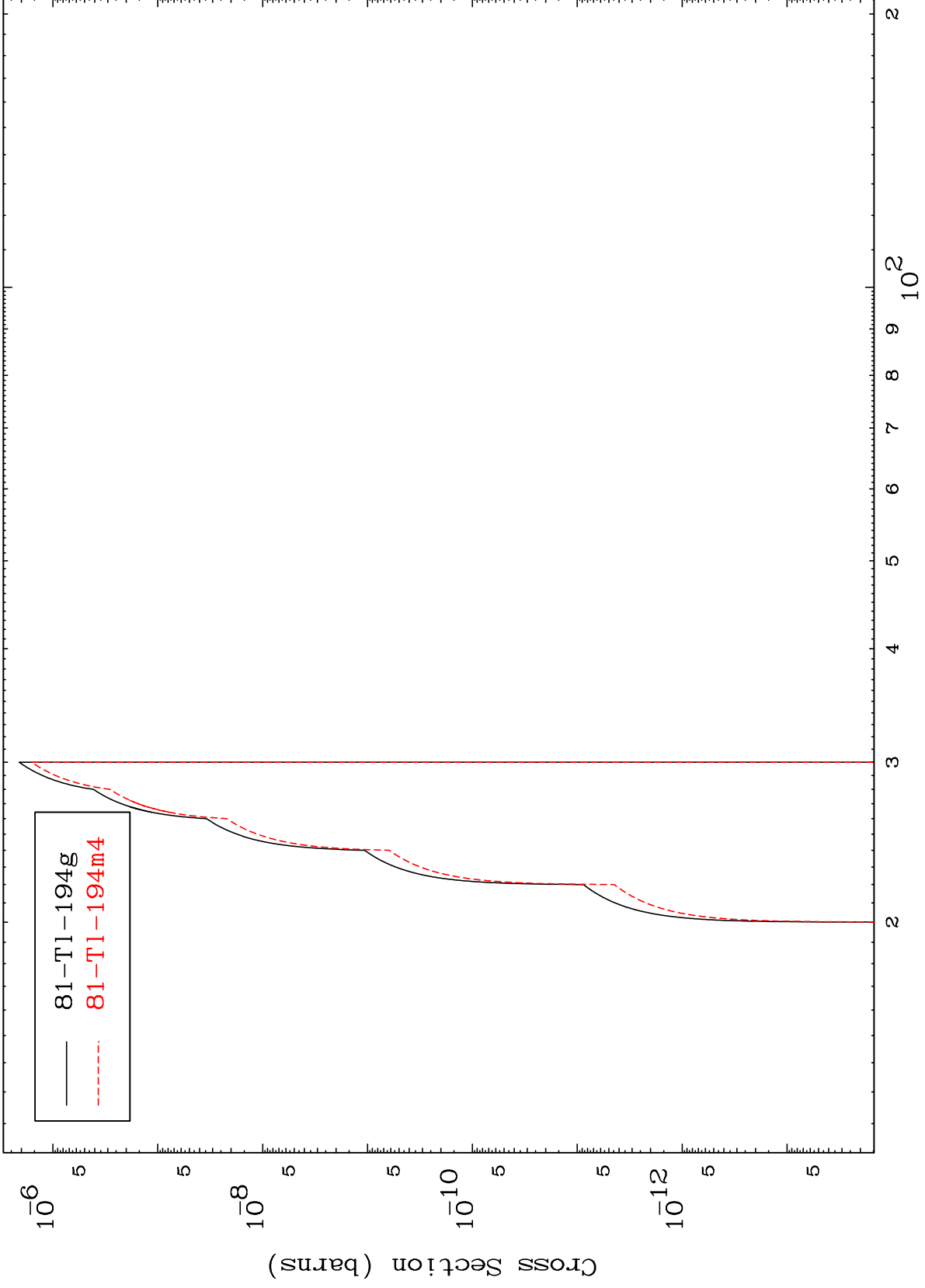


28

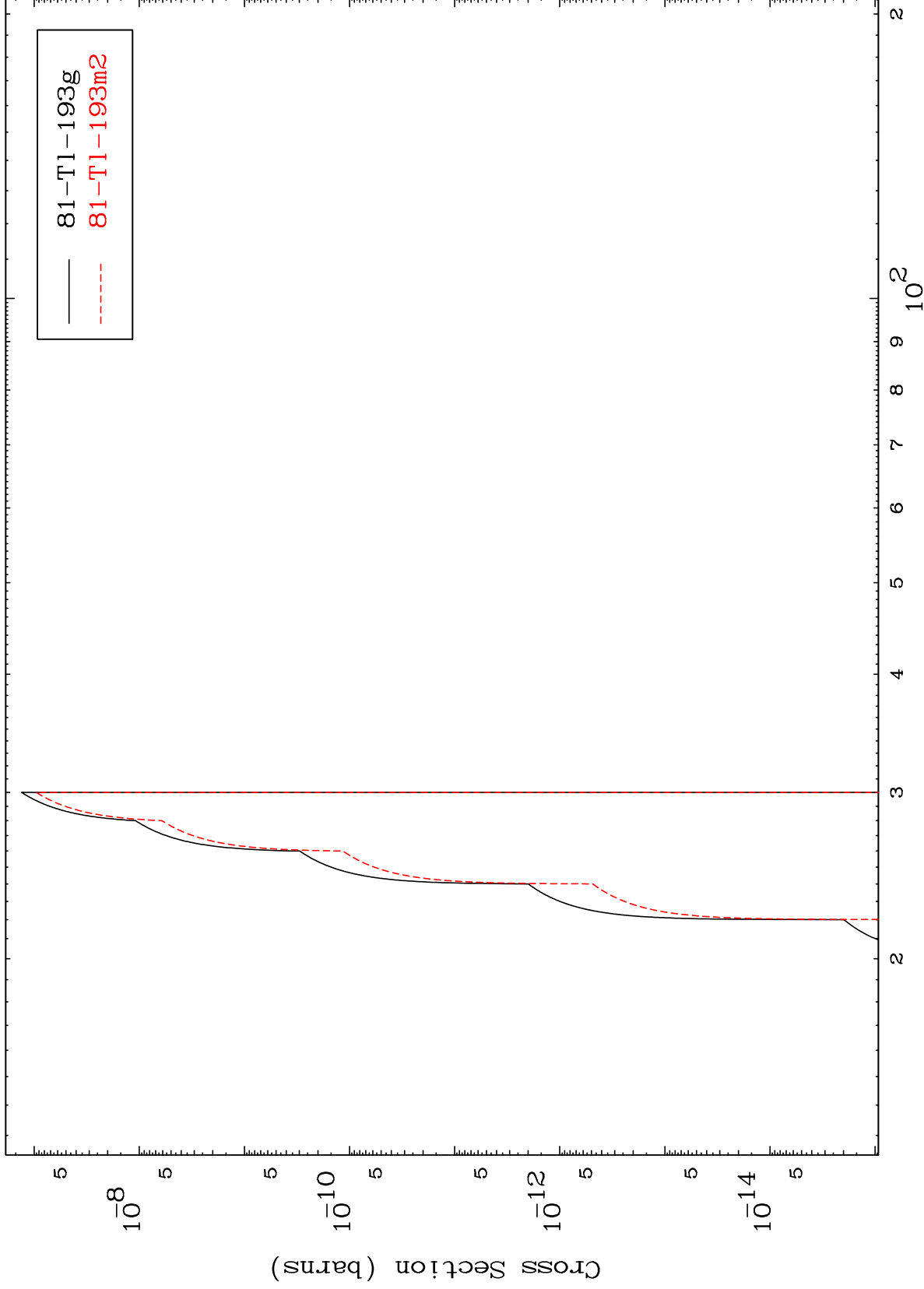
Incident Energy (MeV)

82-Pb-196

Radionuclide Production Cross Section



Radionuclide Production Cross Section

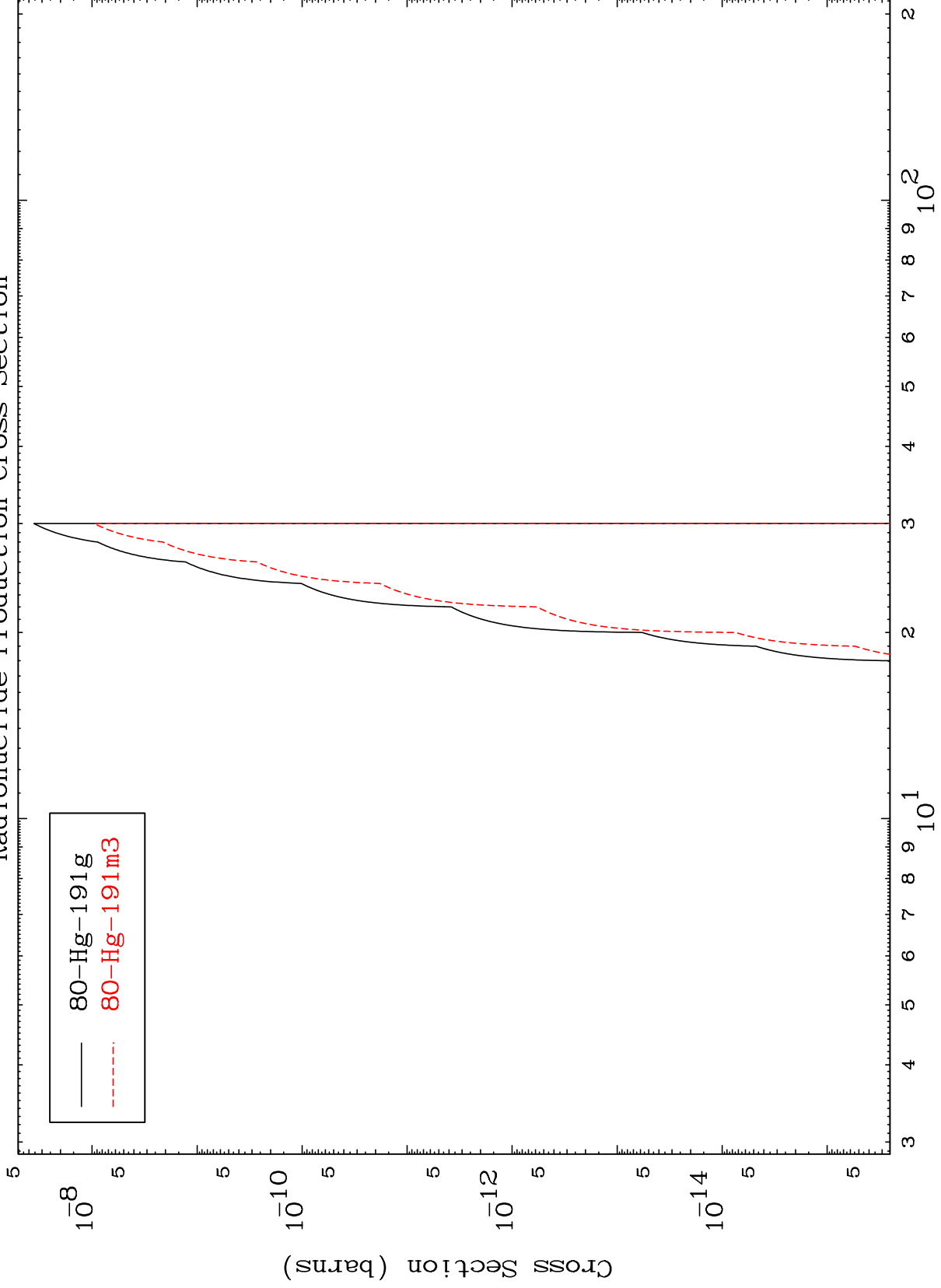


MAT 8201

(n,d) α

82-Pb-196

Radionuclide Production Cross Section



31

Incident Energy (MeV)

82-Pb-196