

Program EVALPLOT
(Version 2021-1)

by

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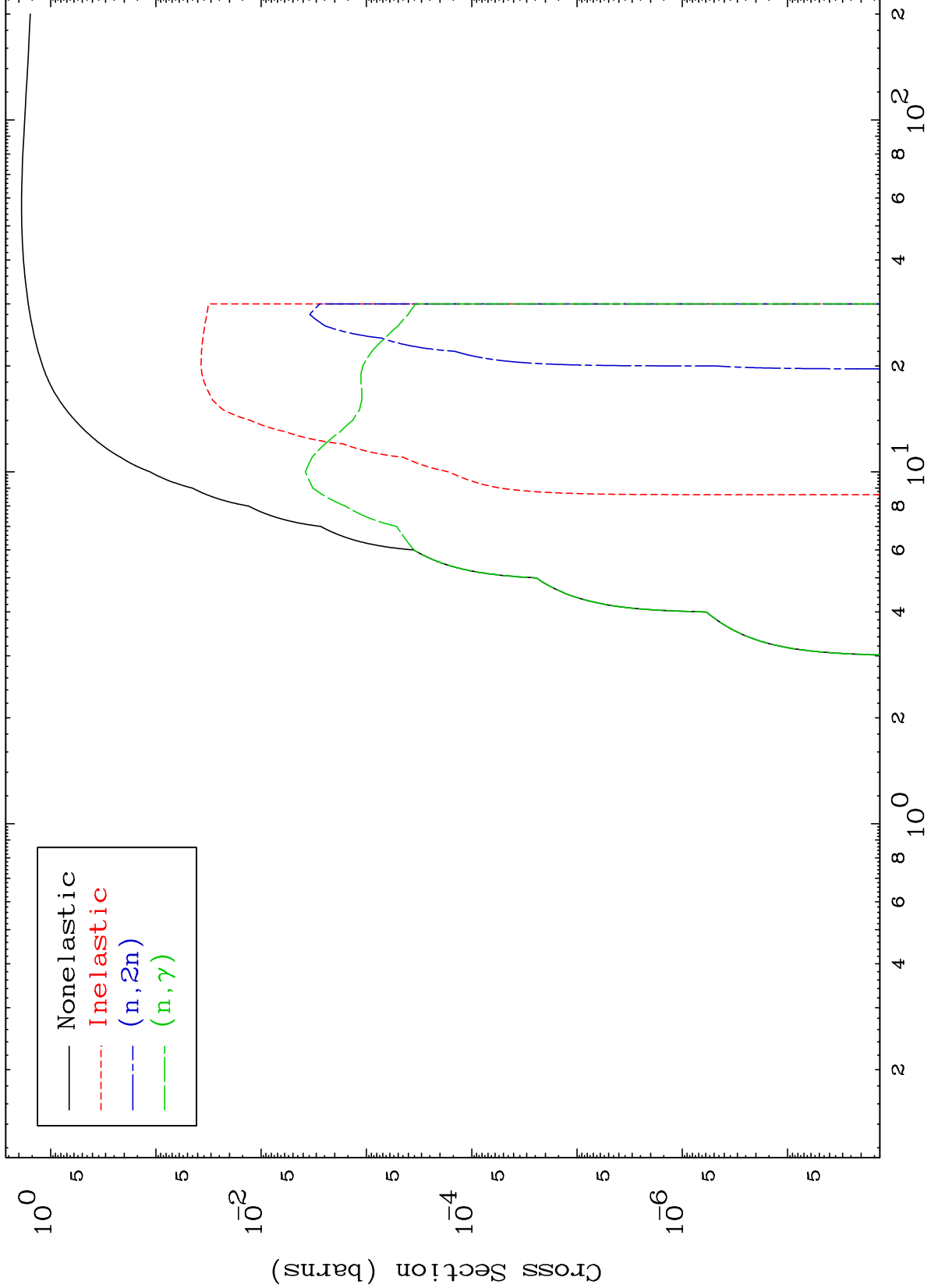
Press Mouse Button to Start

MAT 8180

Proton Major

82-Pb-189

0 Kelvin Cross Sections

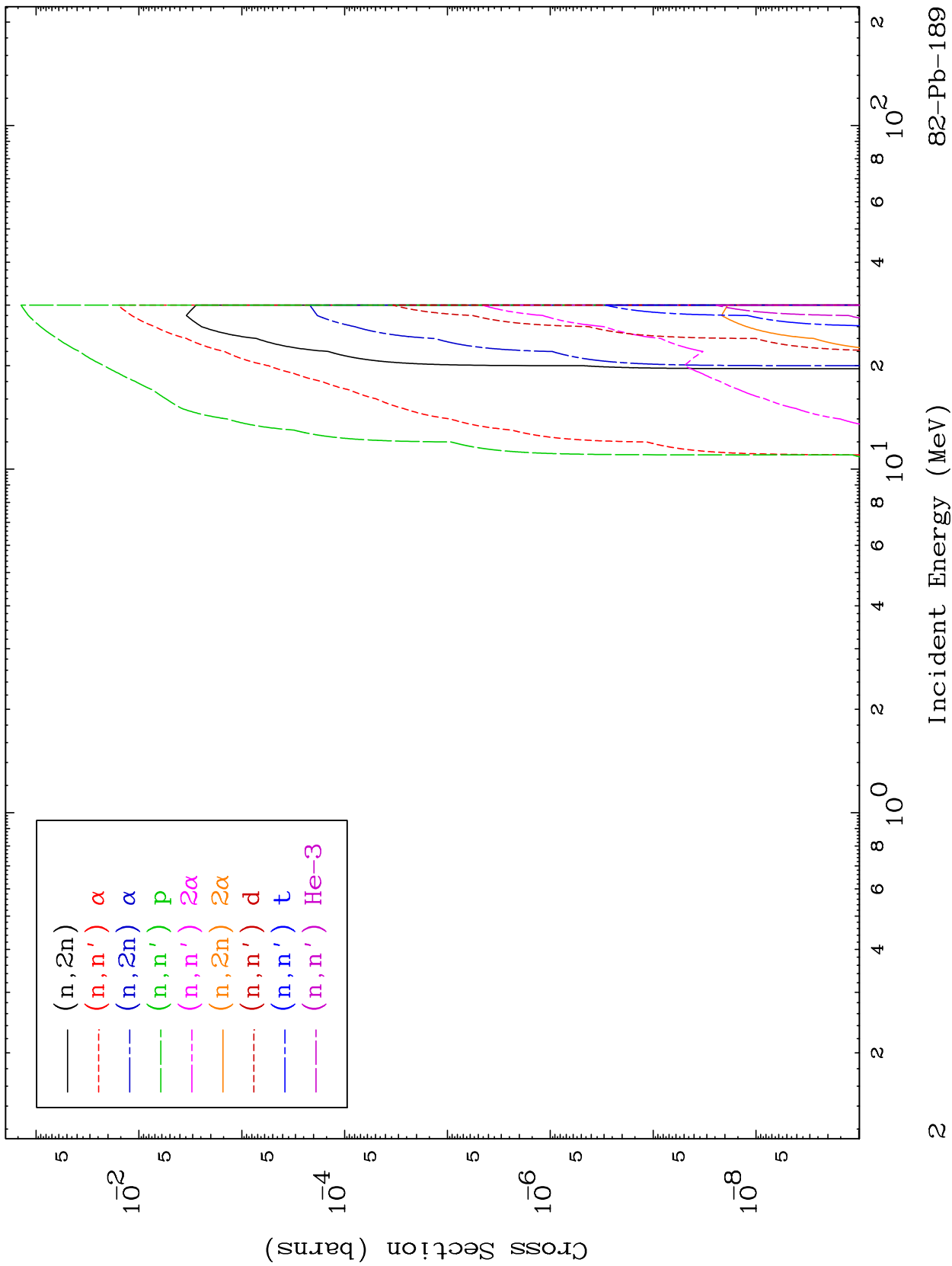


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

MAT 8180

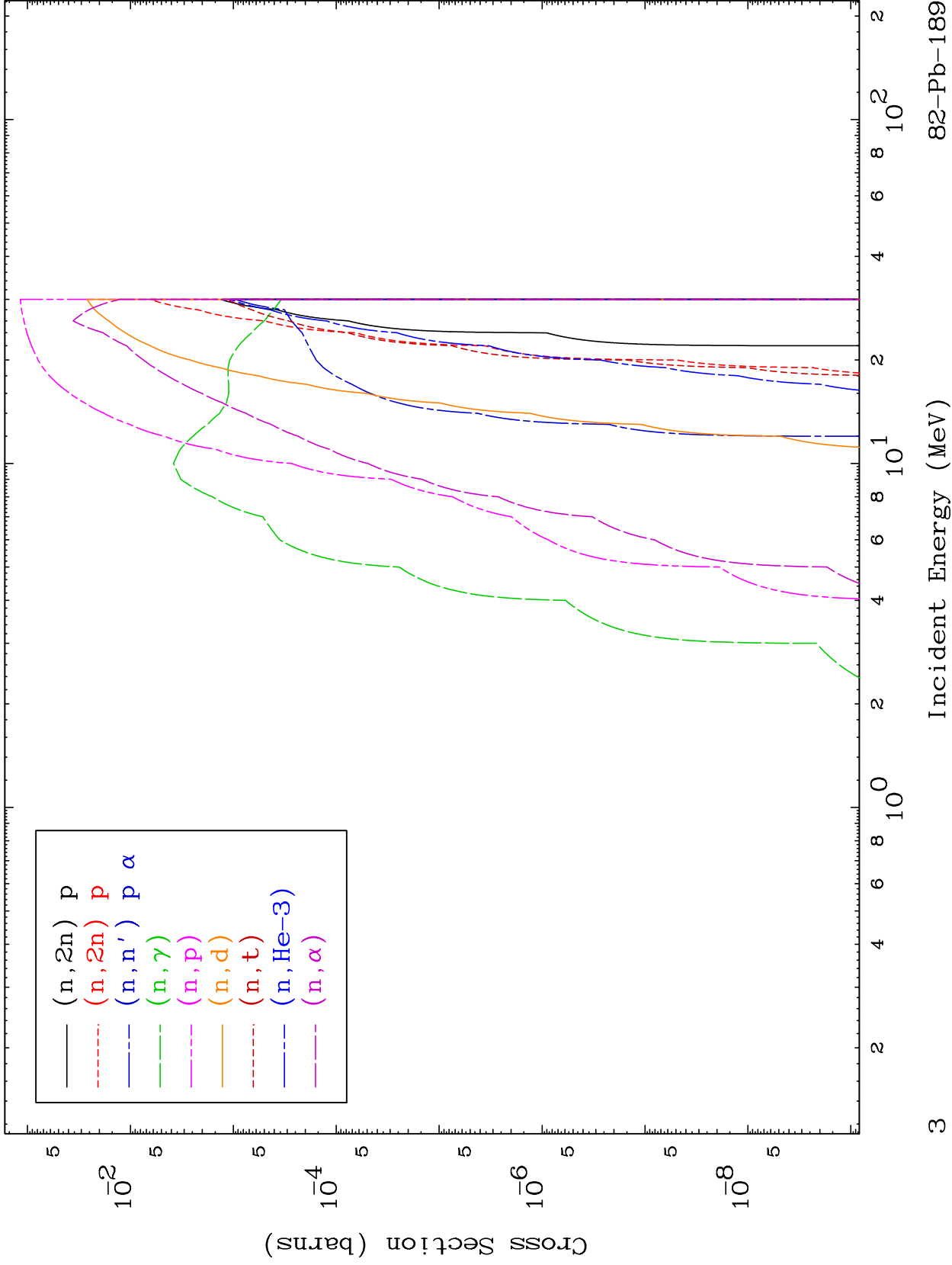
Proton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-189



82-Pb-189

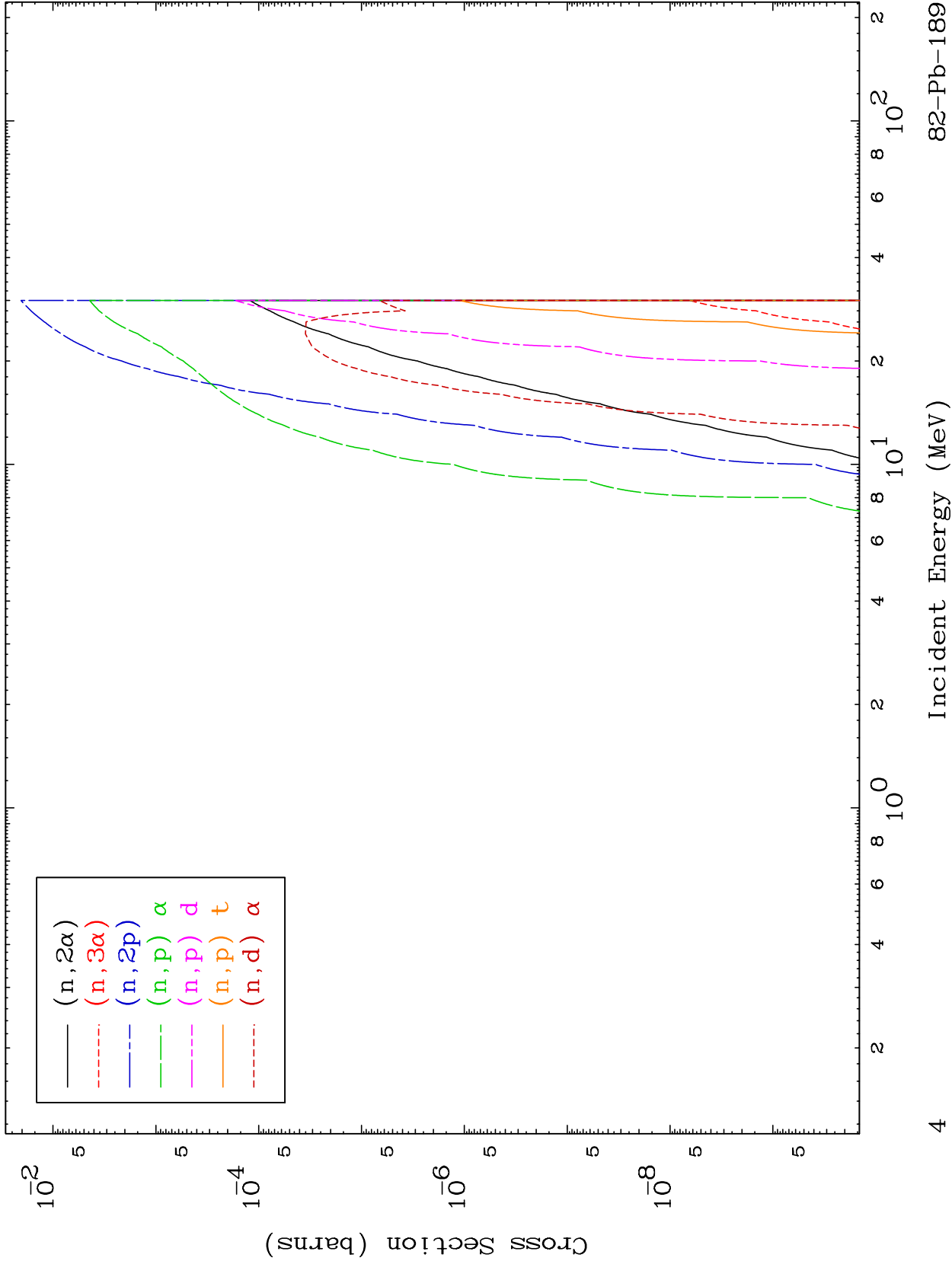
Incident Energy (MeV)

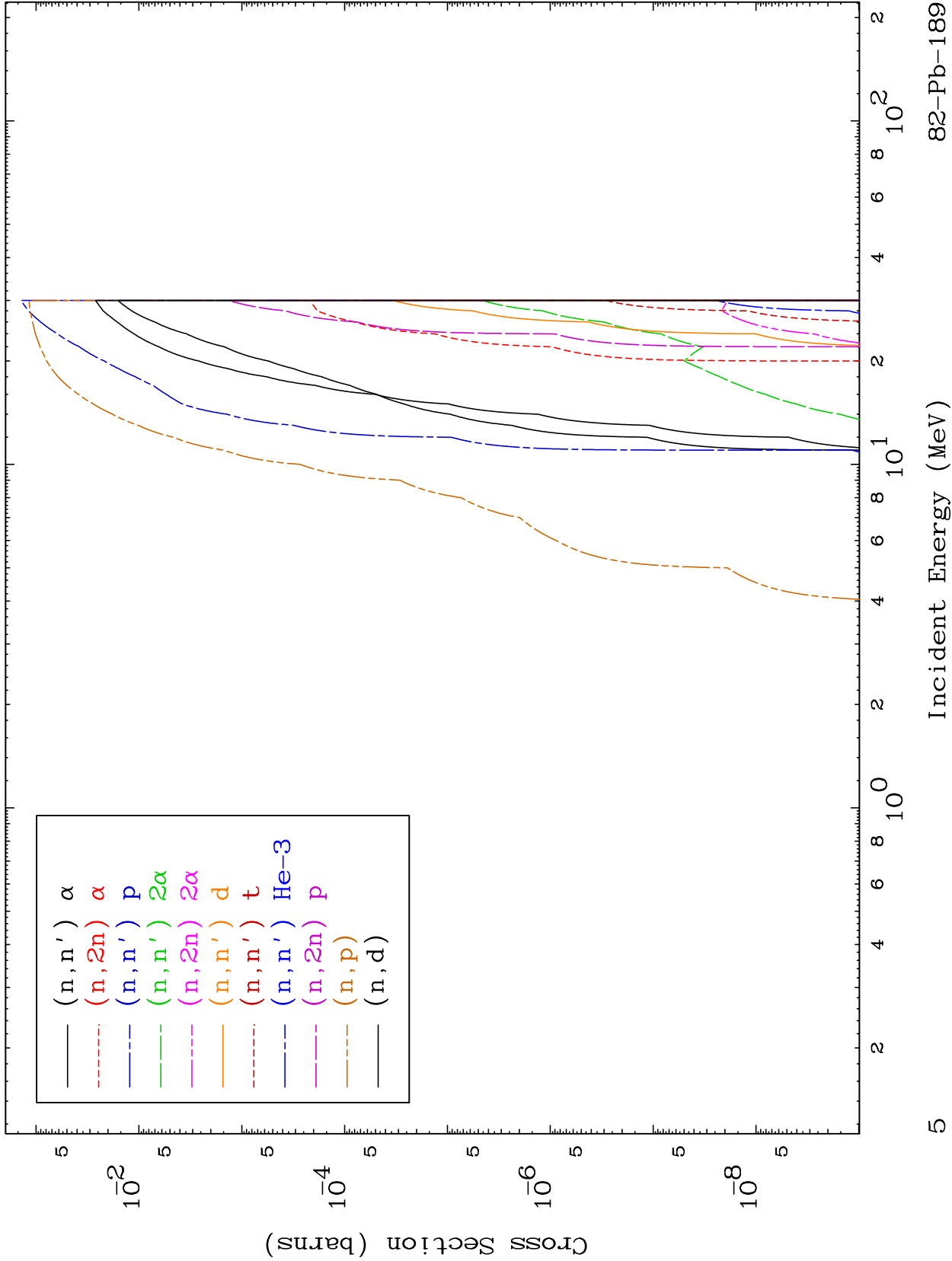


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Proton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-189

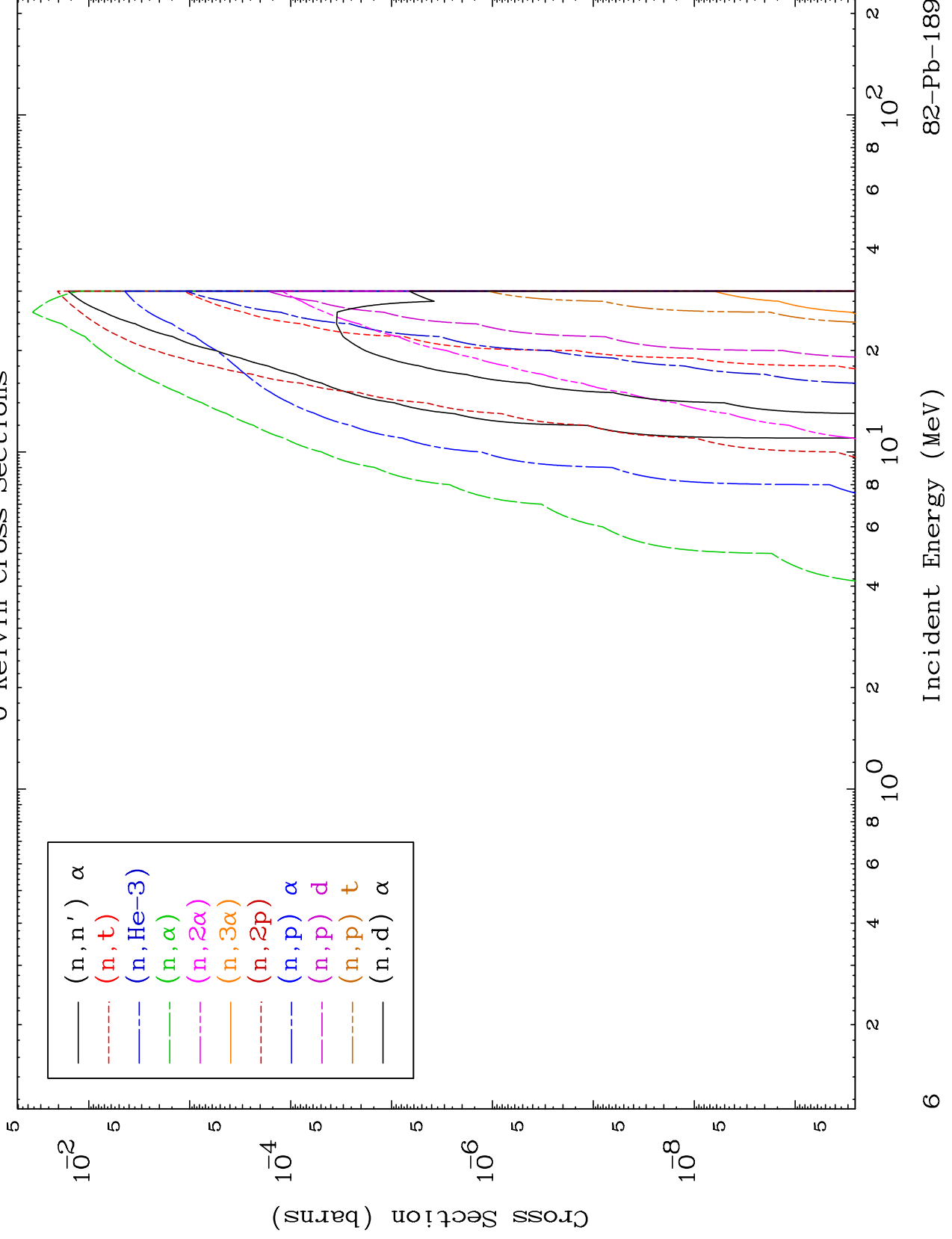




MAT 8180

Proton Charged Particle
0 Kelvin Cross Sections

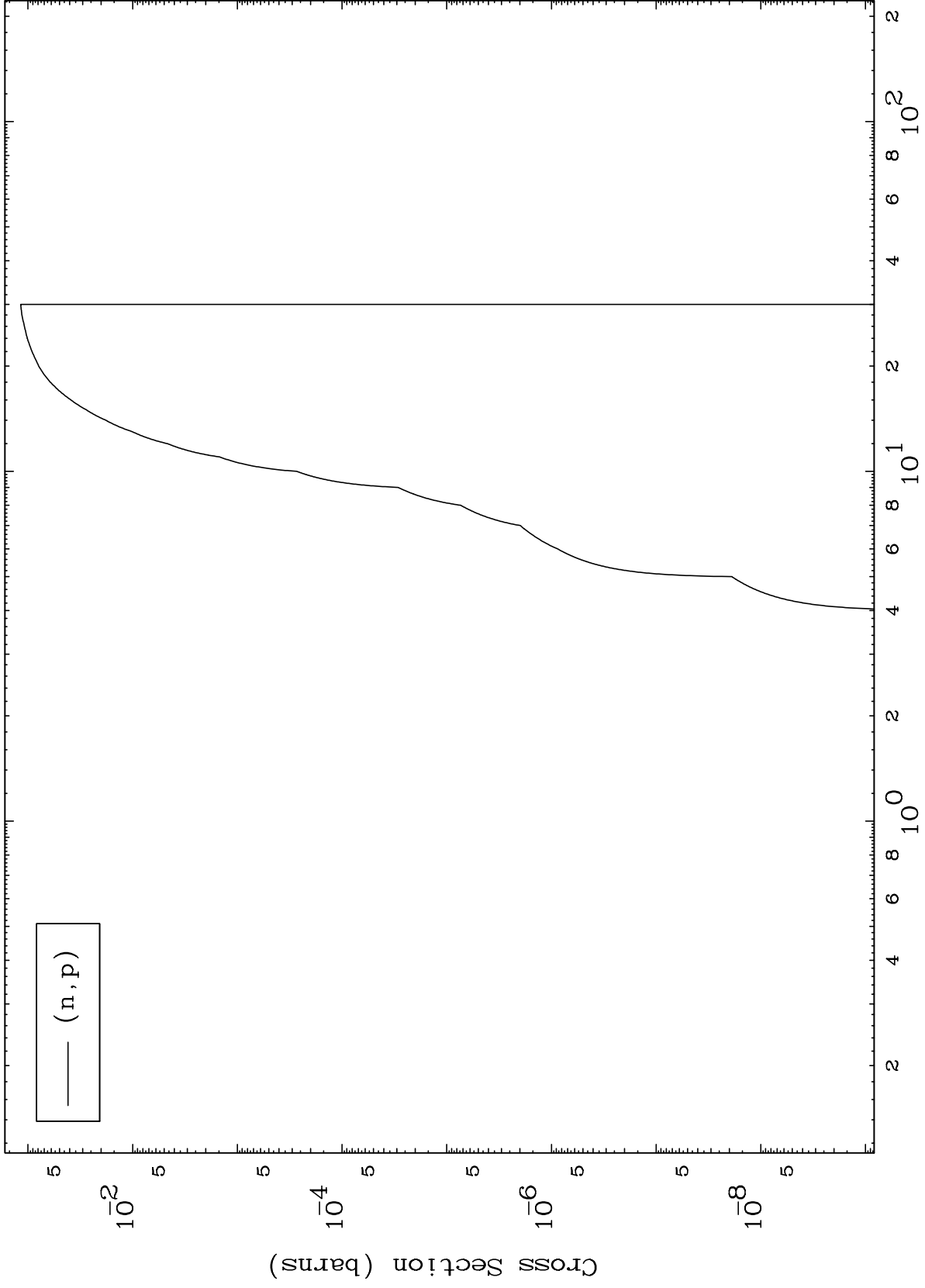
82-Pb-189



MAT 8180

(p,p) Levels
0 Kelvin Cross Sections

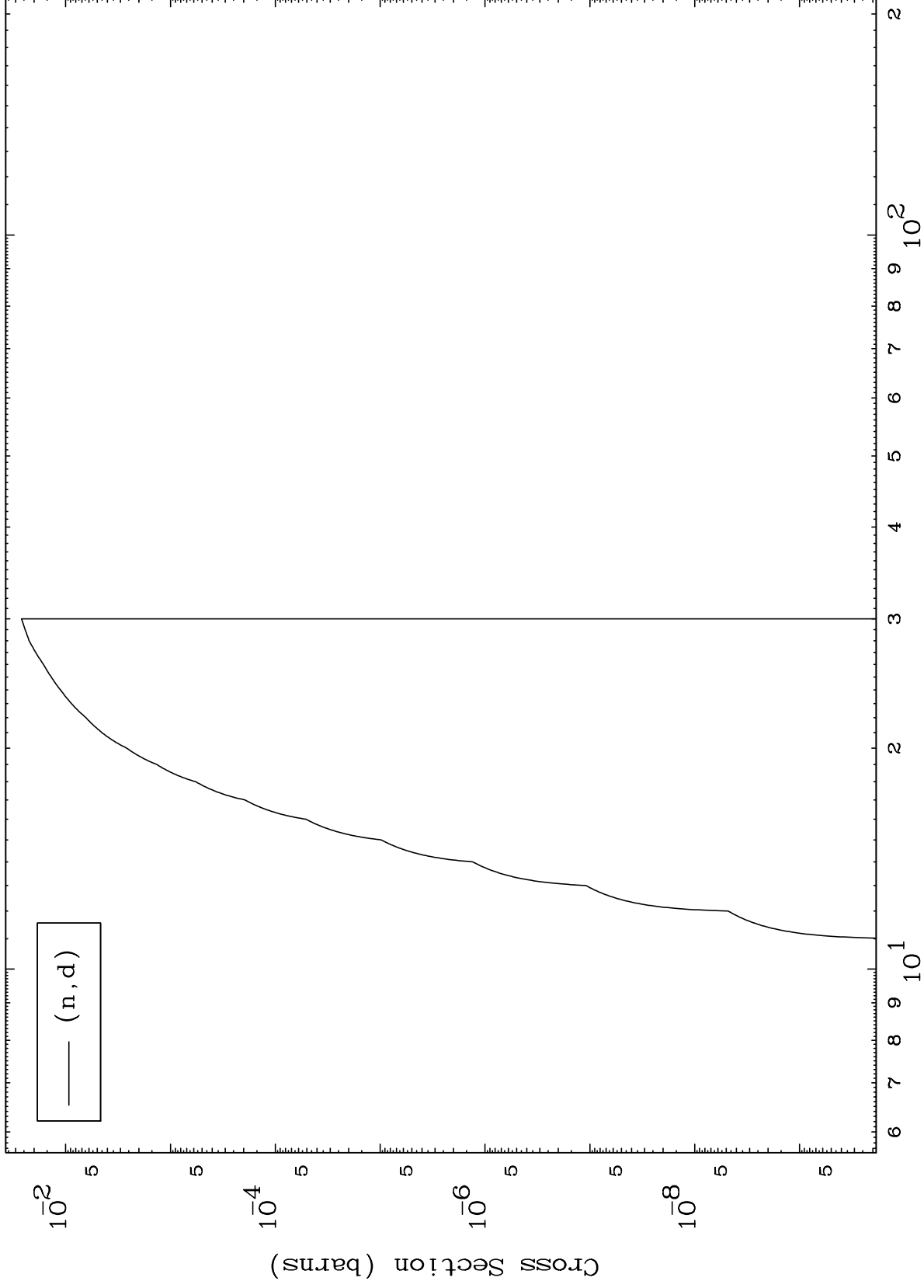
82-Pb-189



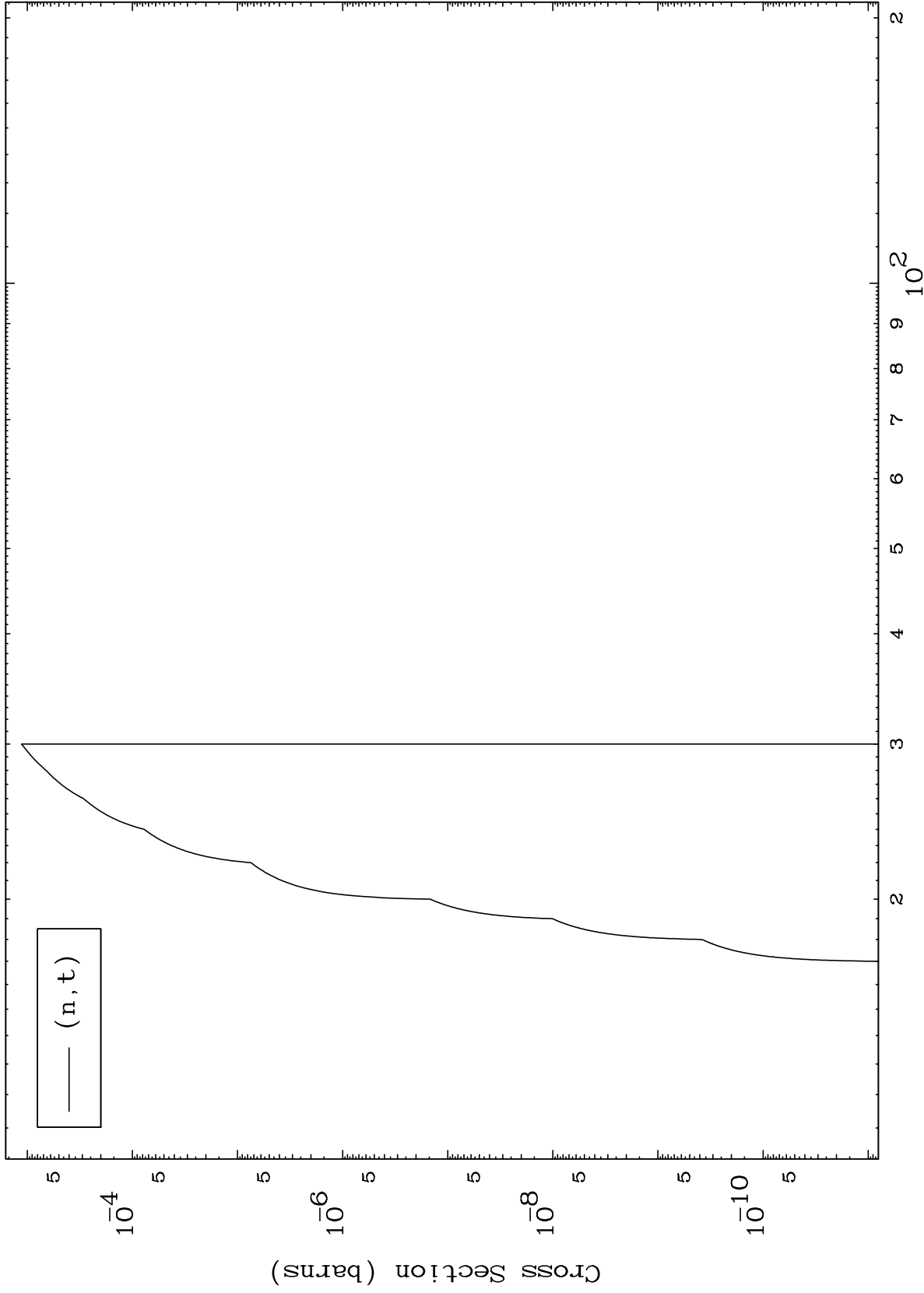
MAT 8180

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-189



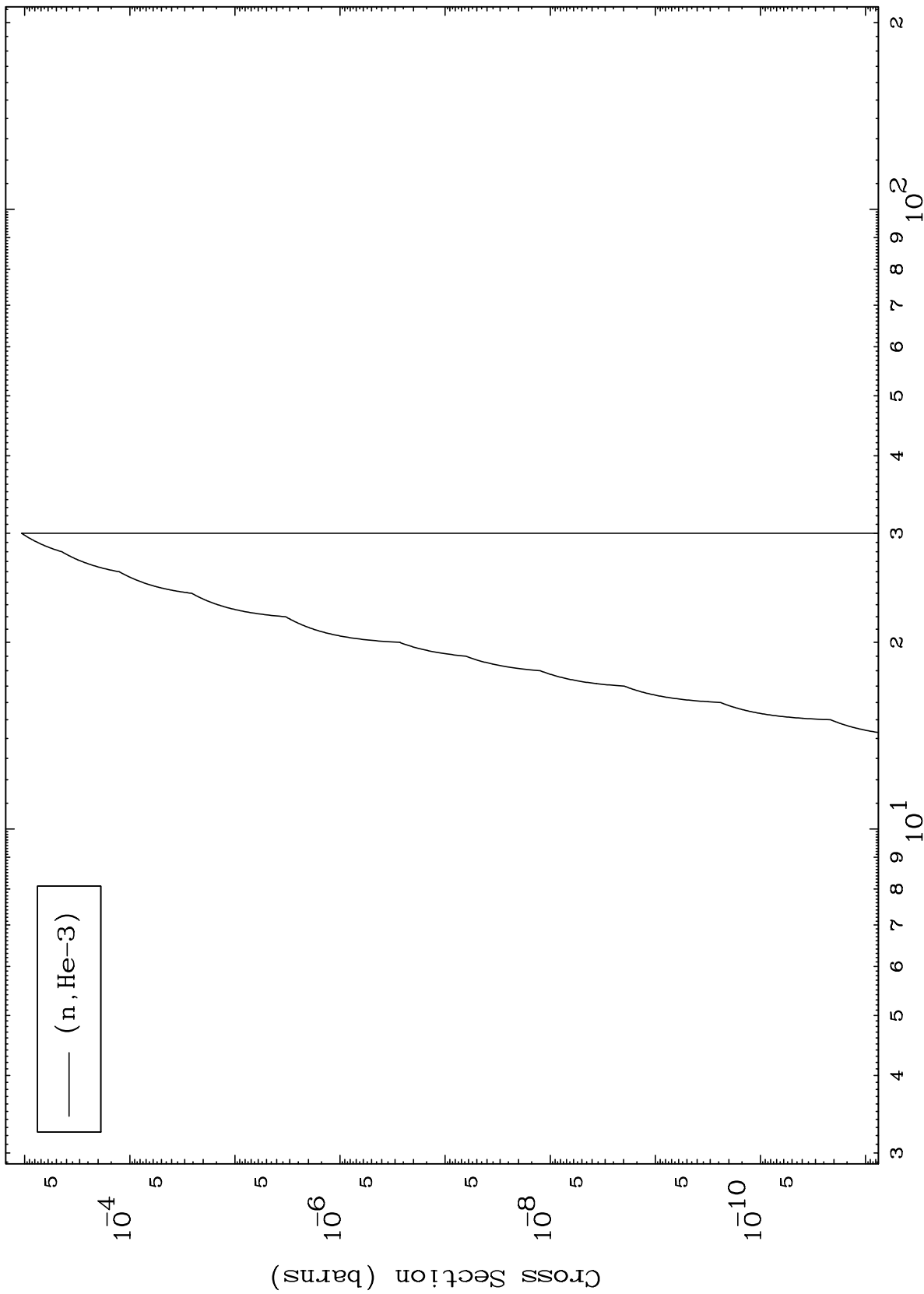
(n,d)



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82-Pb-189

(p,He3) Levels
0 Kelvin Cross Sections



82-Pb-189

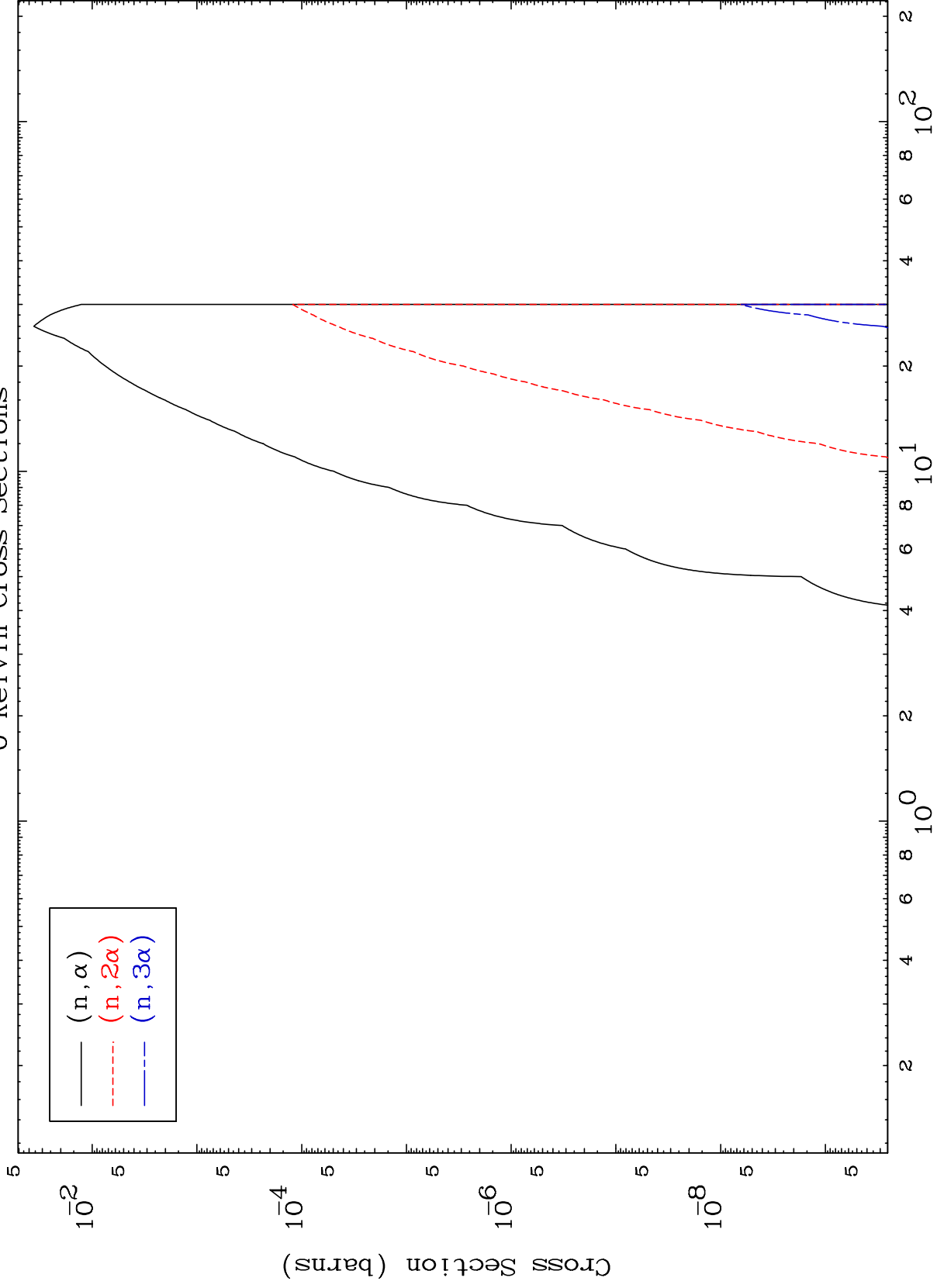
Incident Energy (MeV)

10

MAT 8180

(p, α) Levels
0 Kelvin Cross Sections

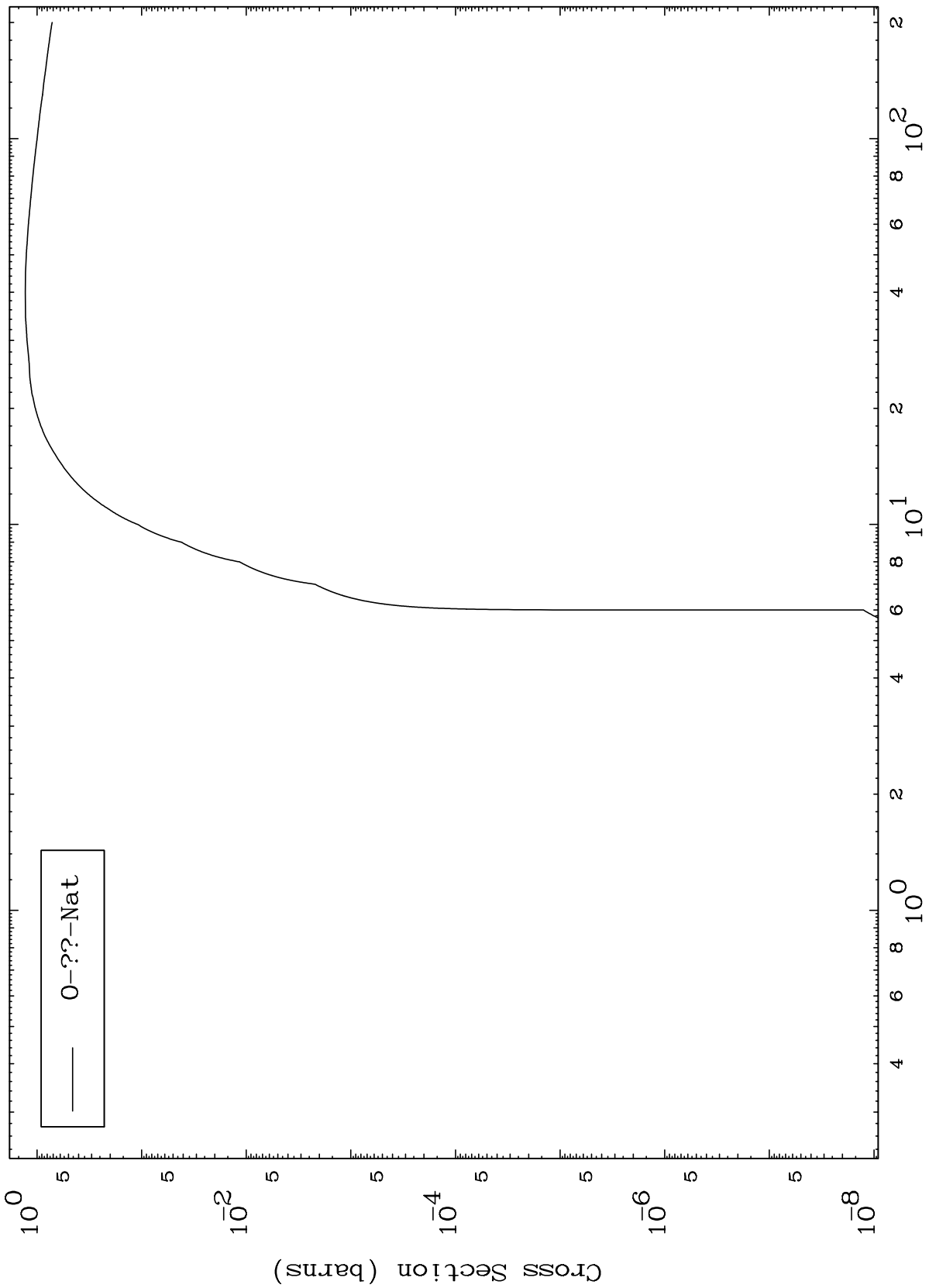
82-Pb-189



MAT 8180

82-Pb-189

Fission
Radionuclide Production Cross Section

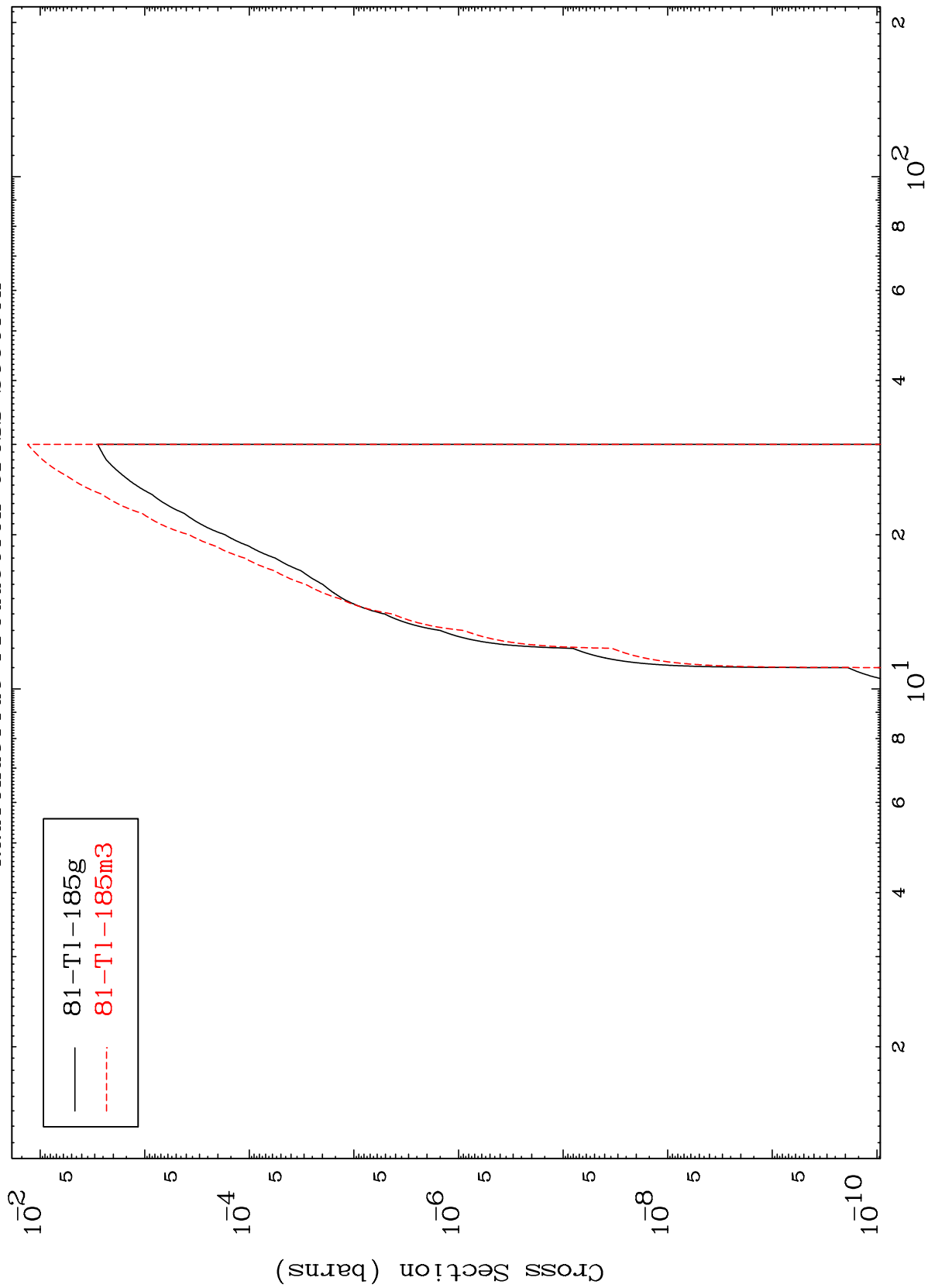


MAT 8180

(n,n') α

82-Pb-189

Radionuclide Production Cross Section

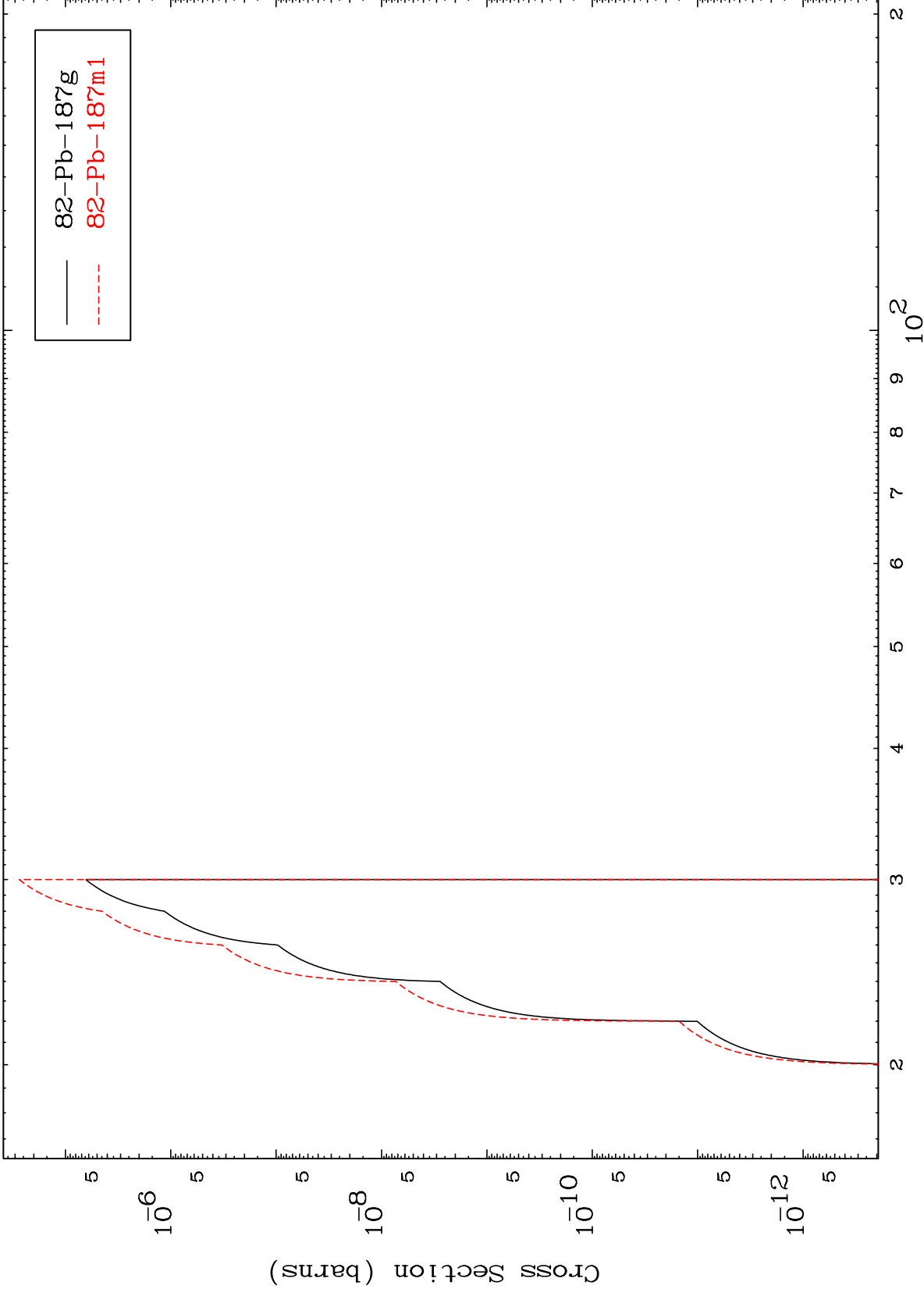


MAT 8180

(n,n') d

82-Pb-189

Radionuclide Production Cross Section



14

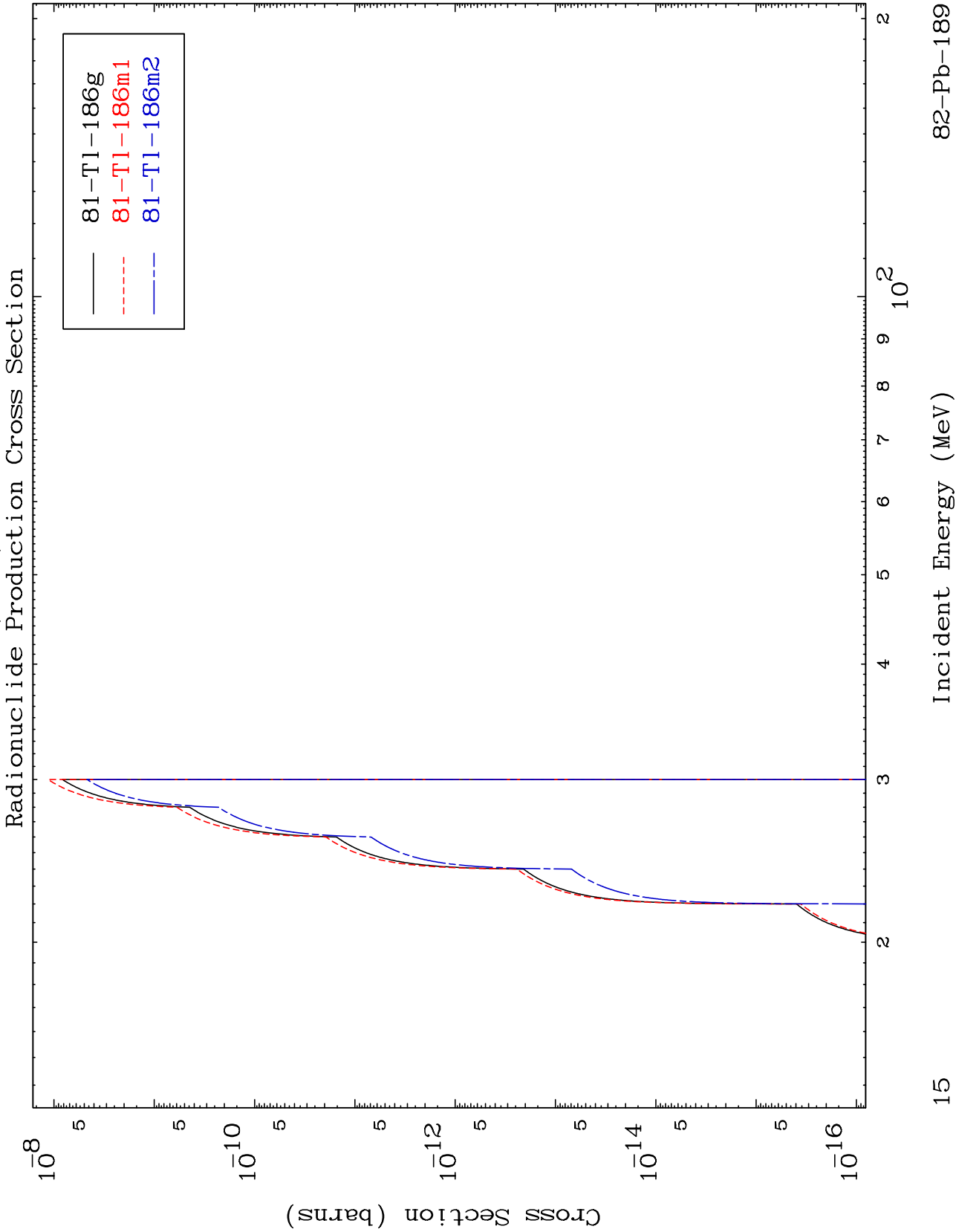
Incident Energy (MeV)

82-Pb-189

MAT 8180

(n,n') He-3

82-Pb-189



15

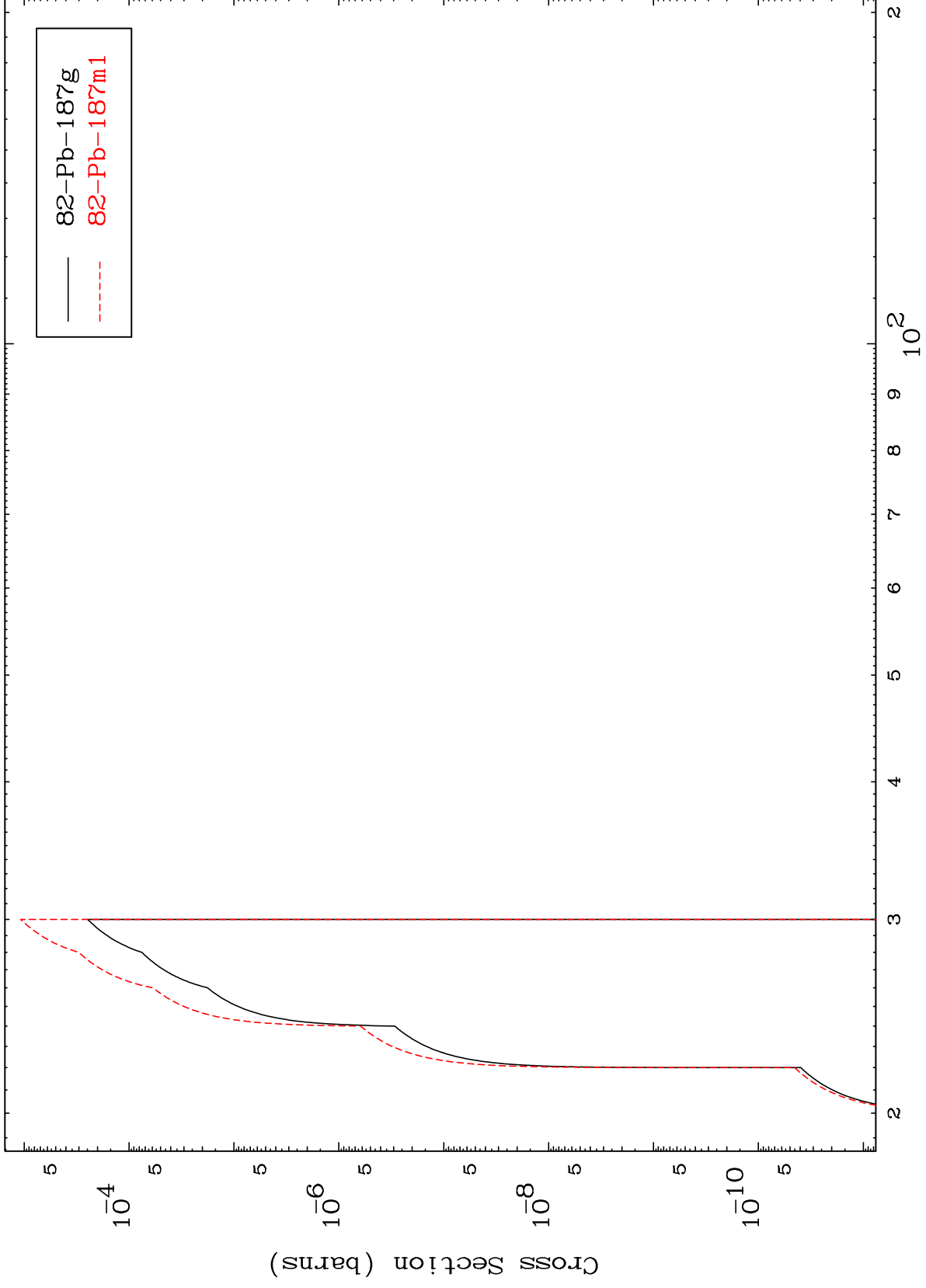
82-Pb-189

MAT 8180

(n,2n) p

82-Pb-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

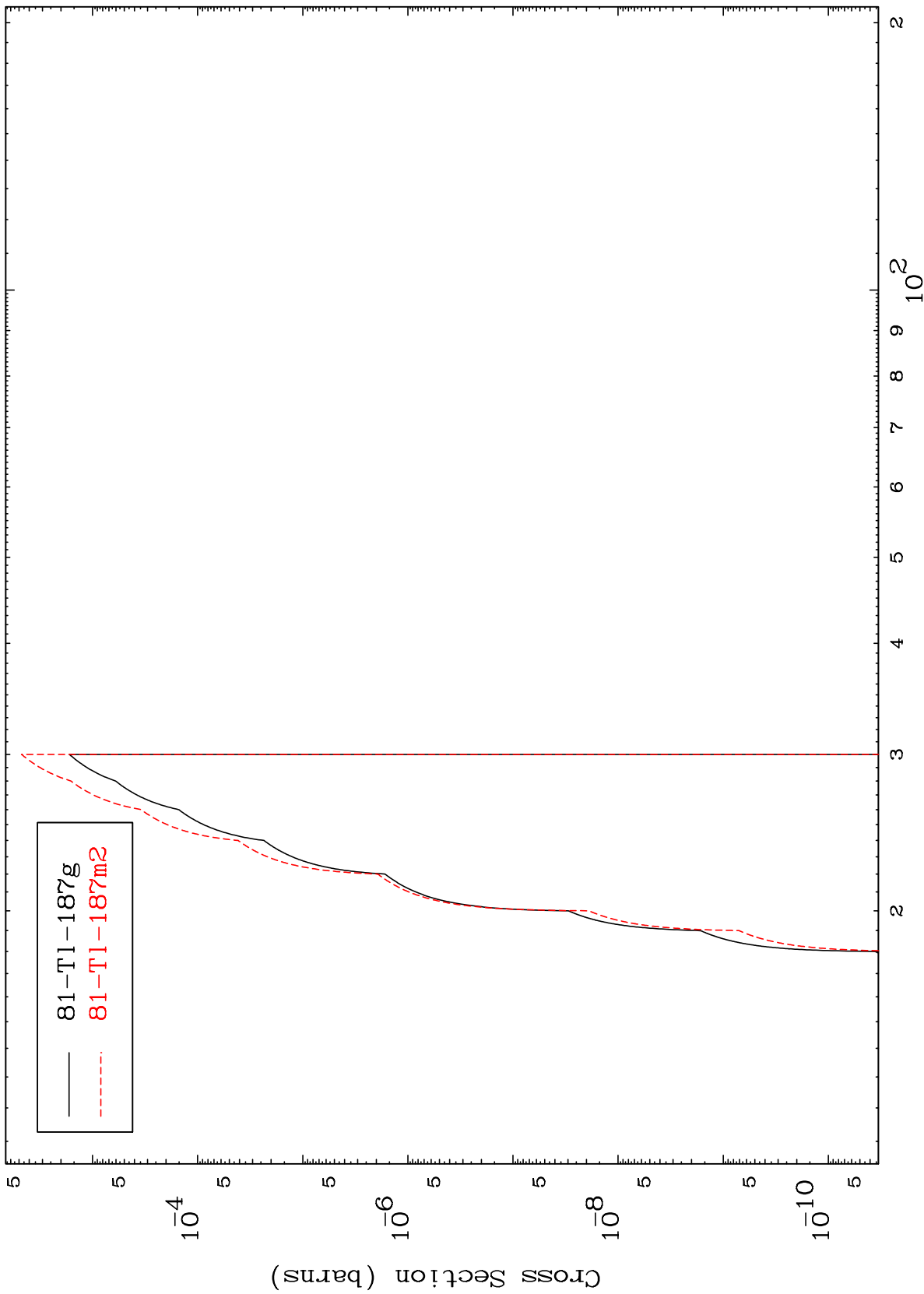
82-Pb-189

MAT 8180

(n,2n) p

82-Pb-189

Radionuclide Production Cross Section



17

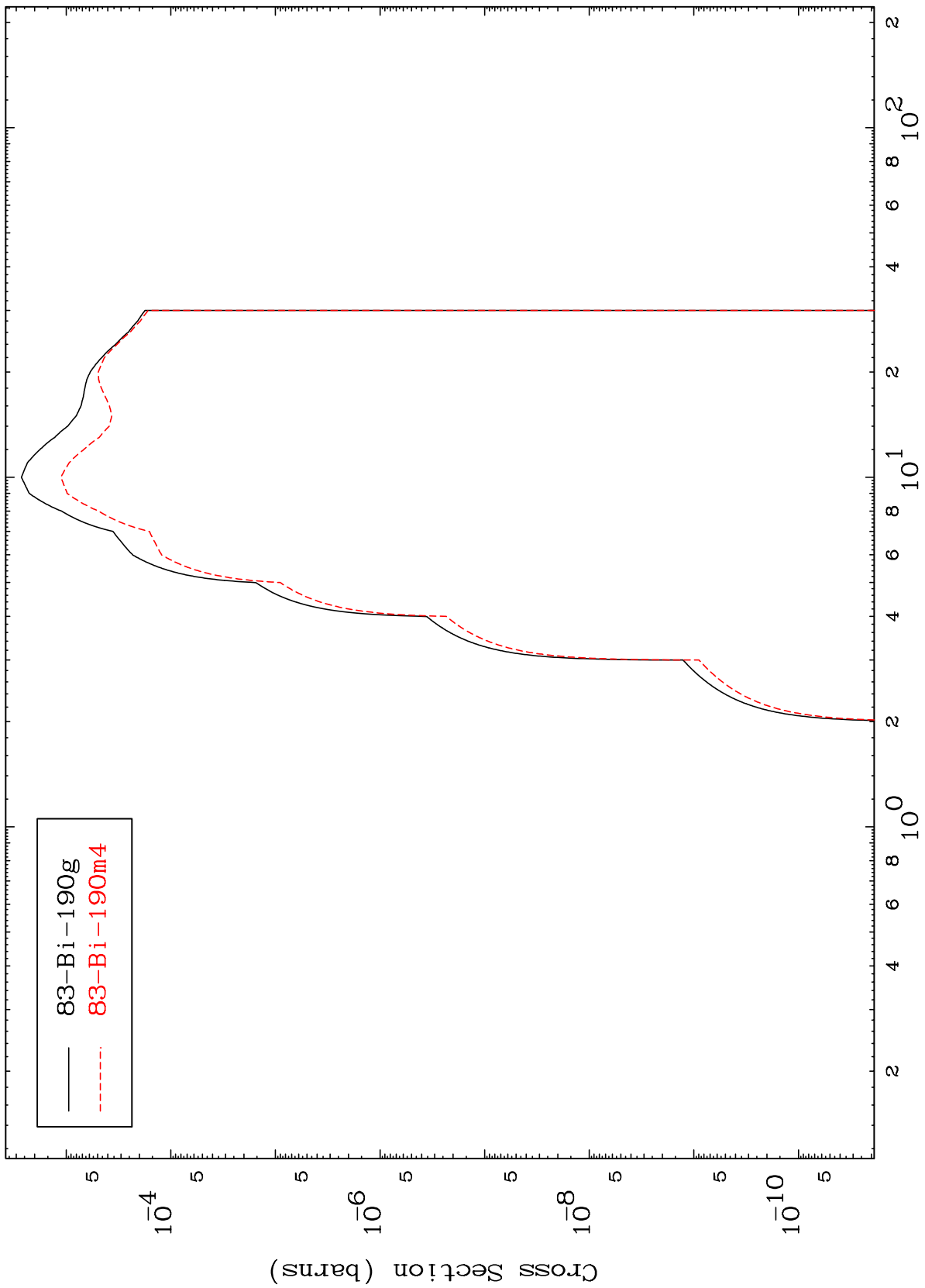
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

(n, γ)
Radionuclide Production Cross Section



18

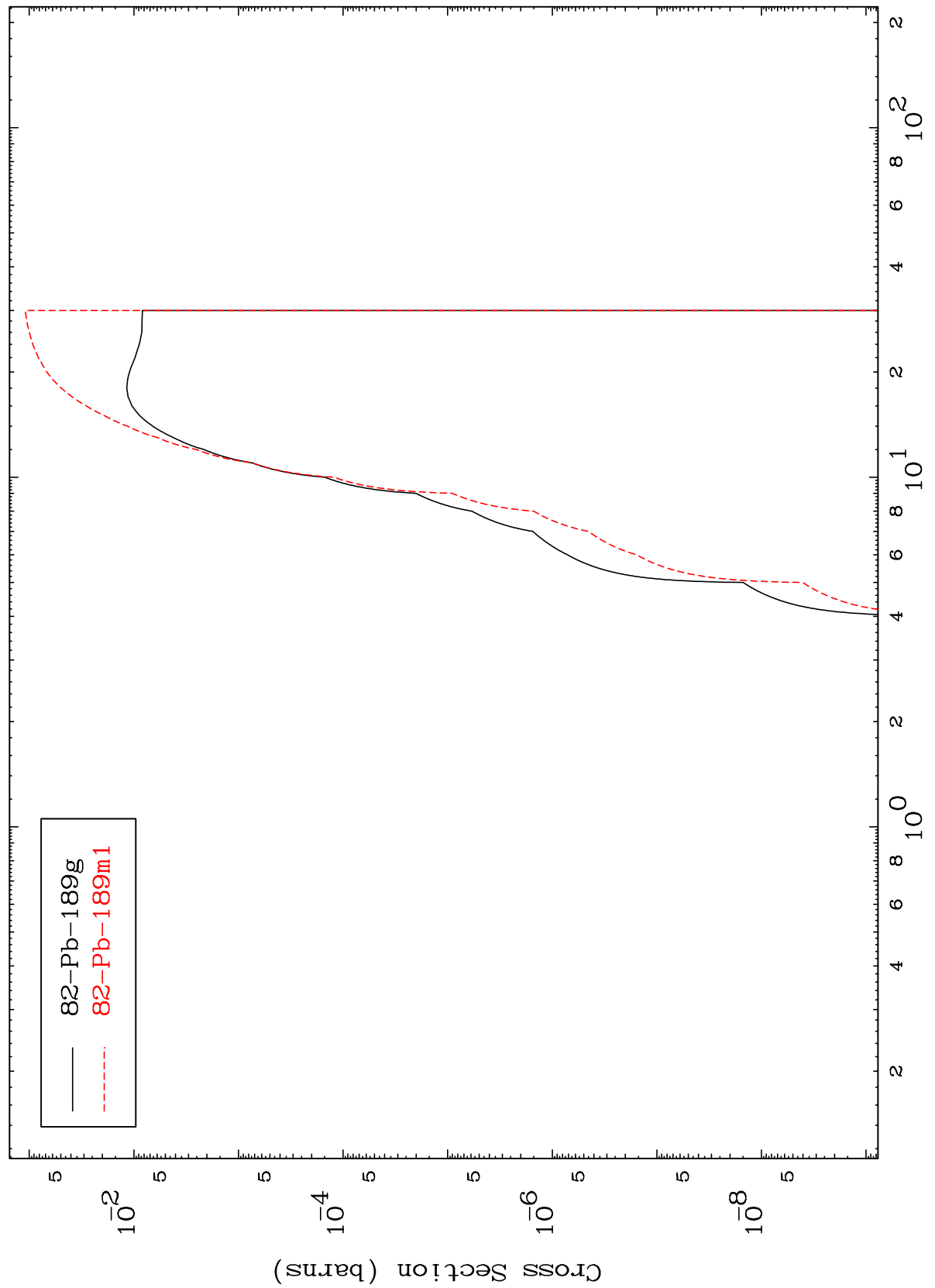
82-Pb-189

Incident Energy (MeV)

MAT 8180

82-Pb-189

(n,p)
Radionuclide Production Cross Section



— 82-Pb-189g
- - - 82-Pb-189m1

19

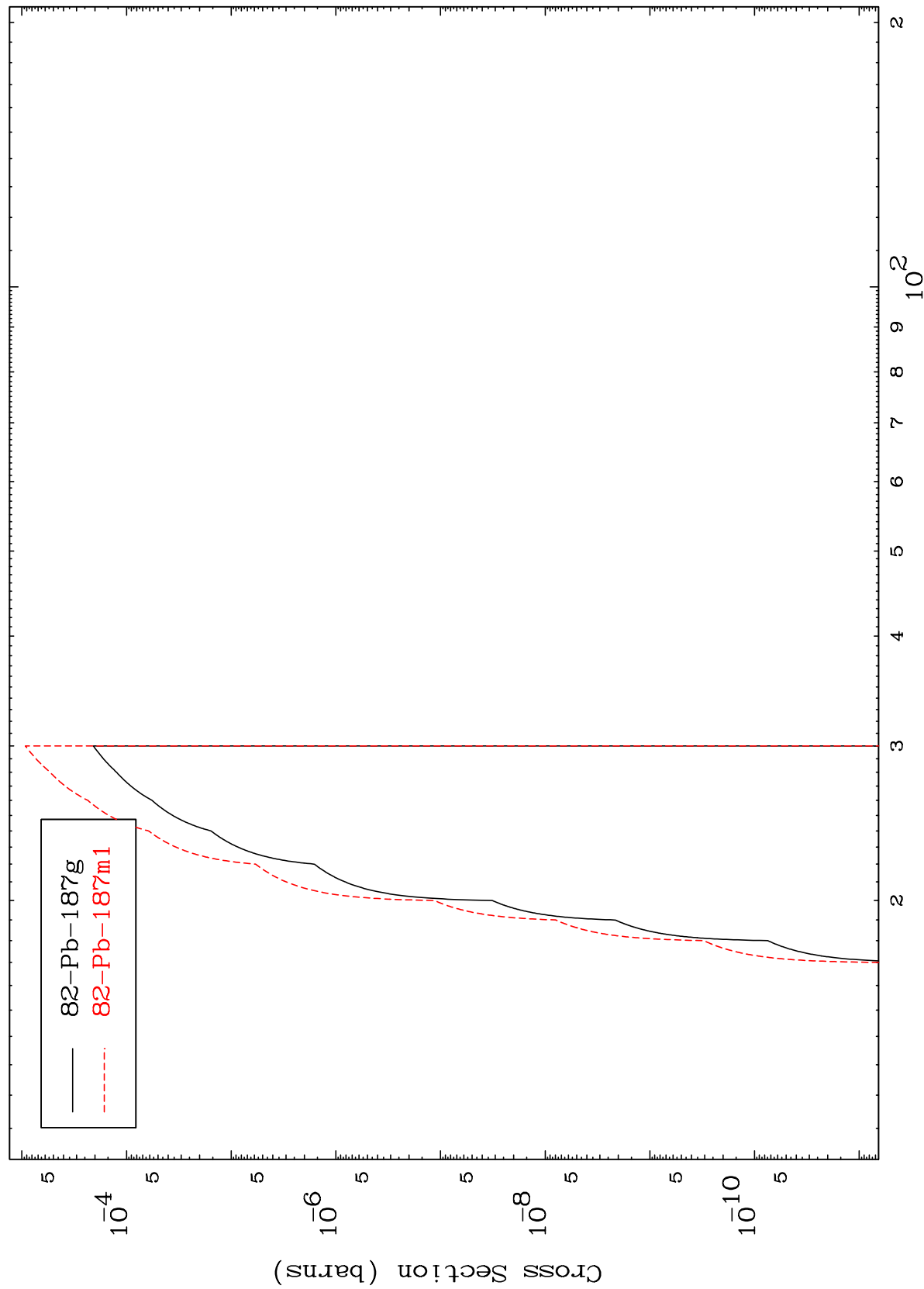
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

(n, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

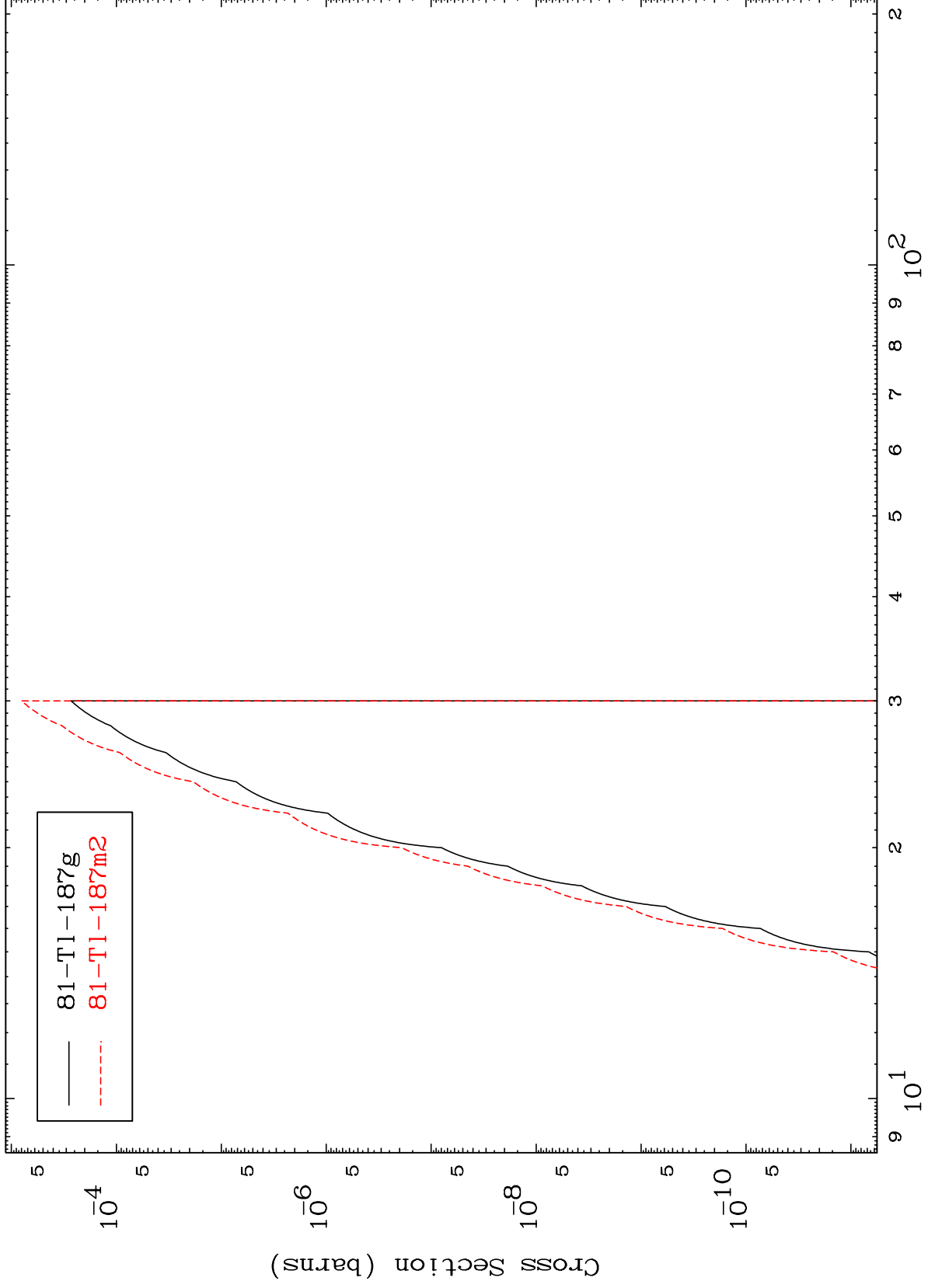
82-Pb-189

MAT 8180

(n,He-3)

82-Pb-189

Radionuclide Production Cross Section



21

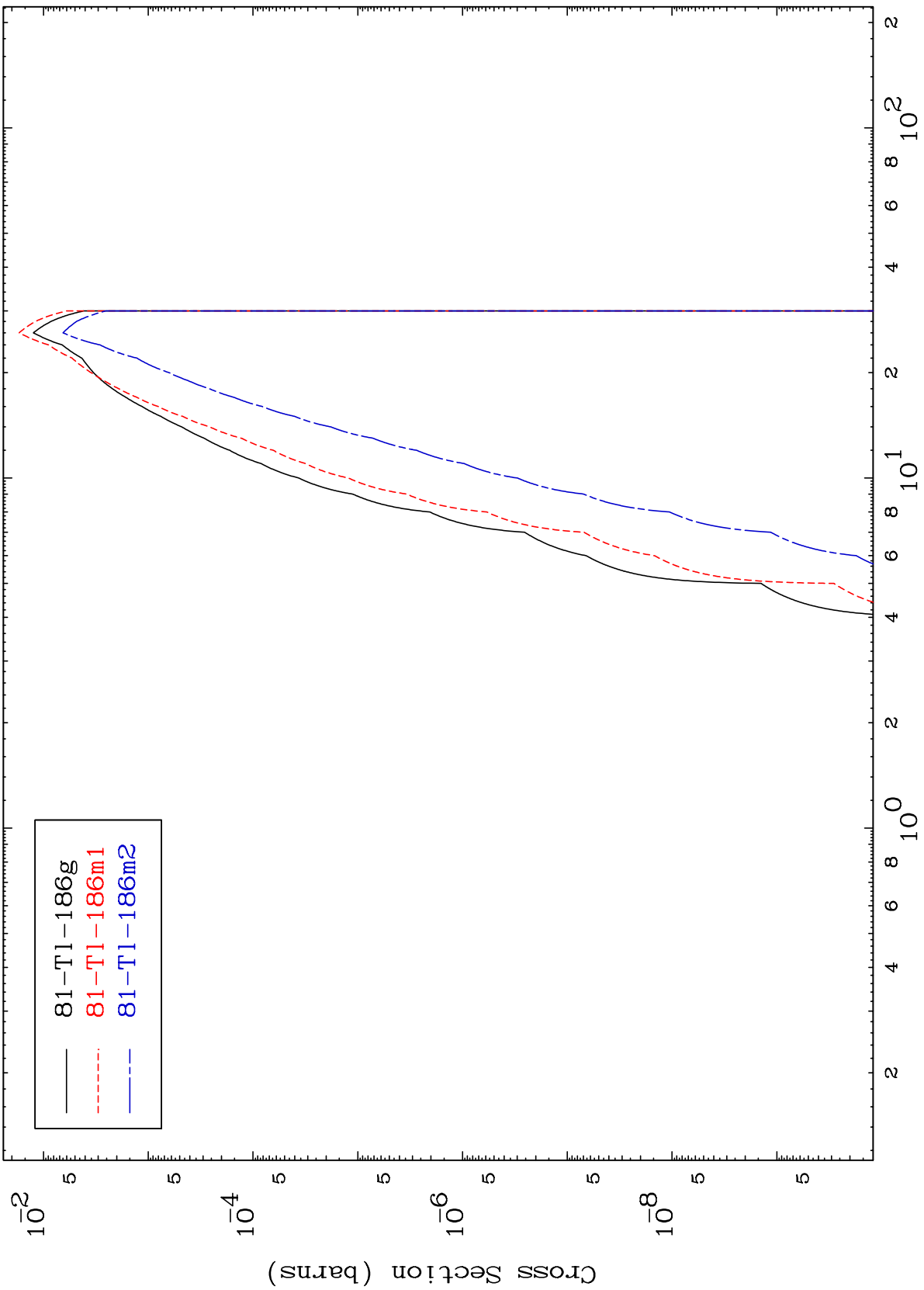
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

Radionuclide Production Cross Section
(n, α)



82-Pb-189

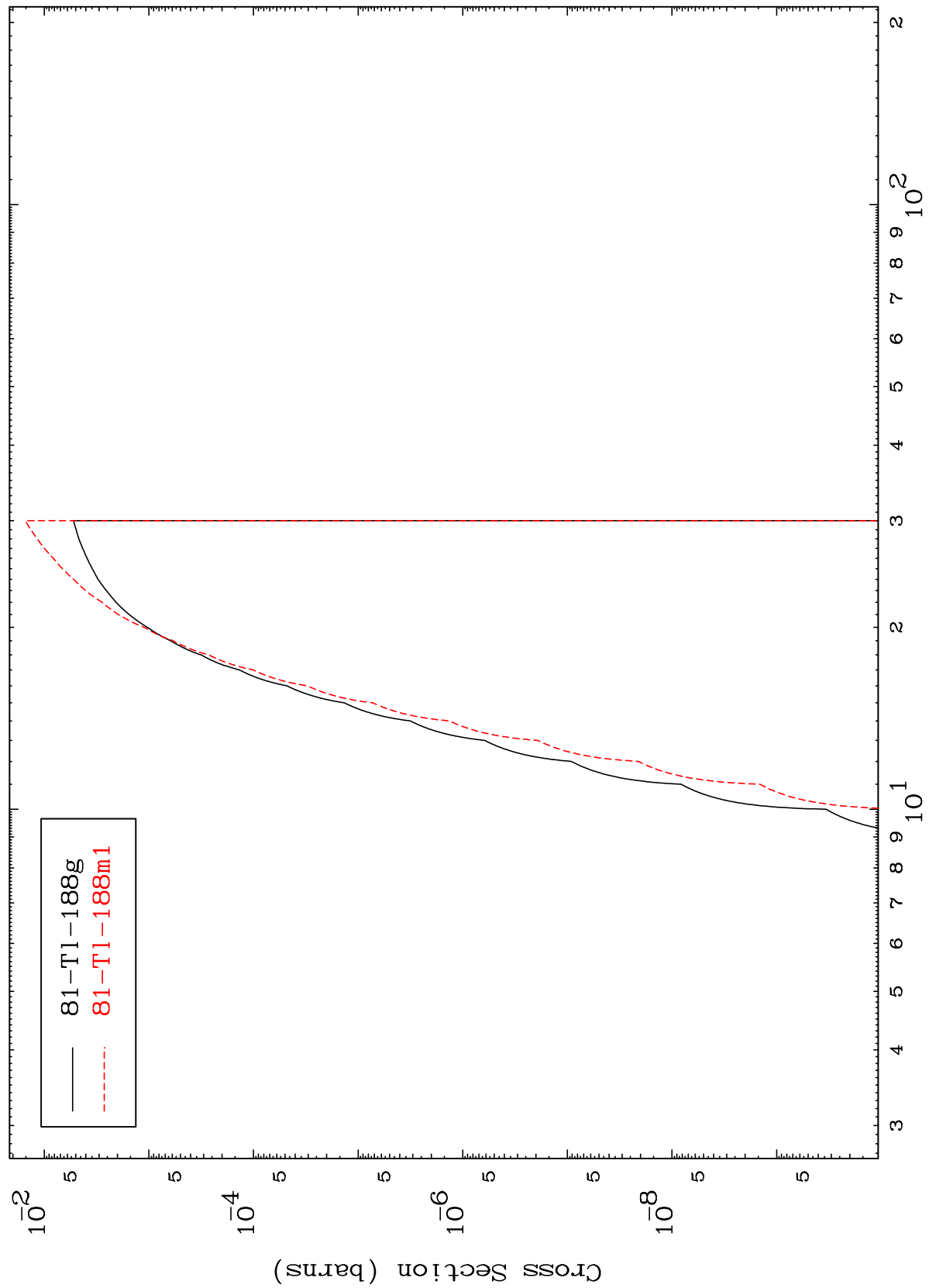
Incident Energy (MeV)

22

MAT 8180

82-Pb-189

Radionuclide Production Cross Section
(n,2p)



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

82-Pb-189

Incident Energy (MeV)

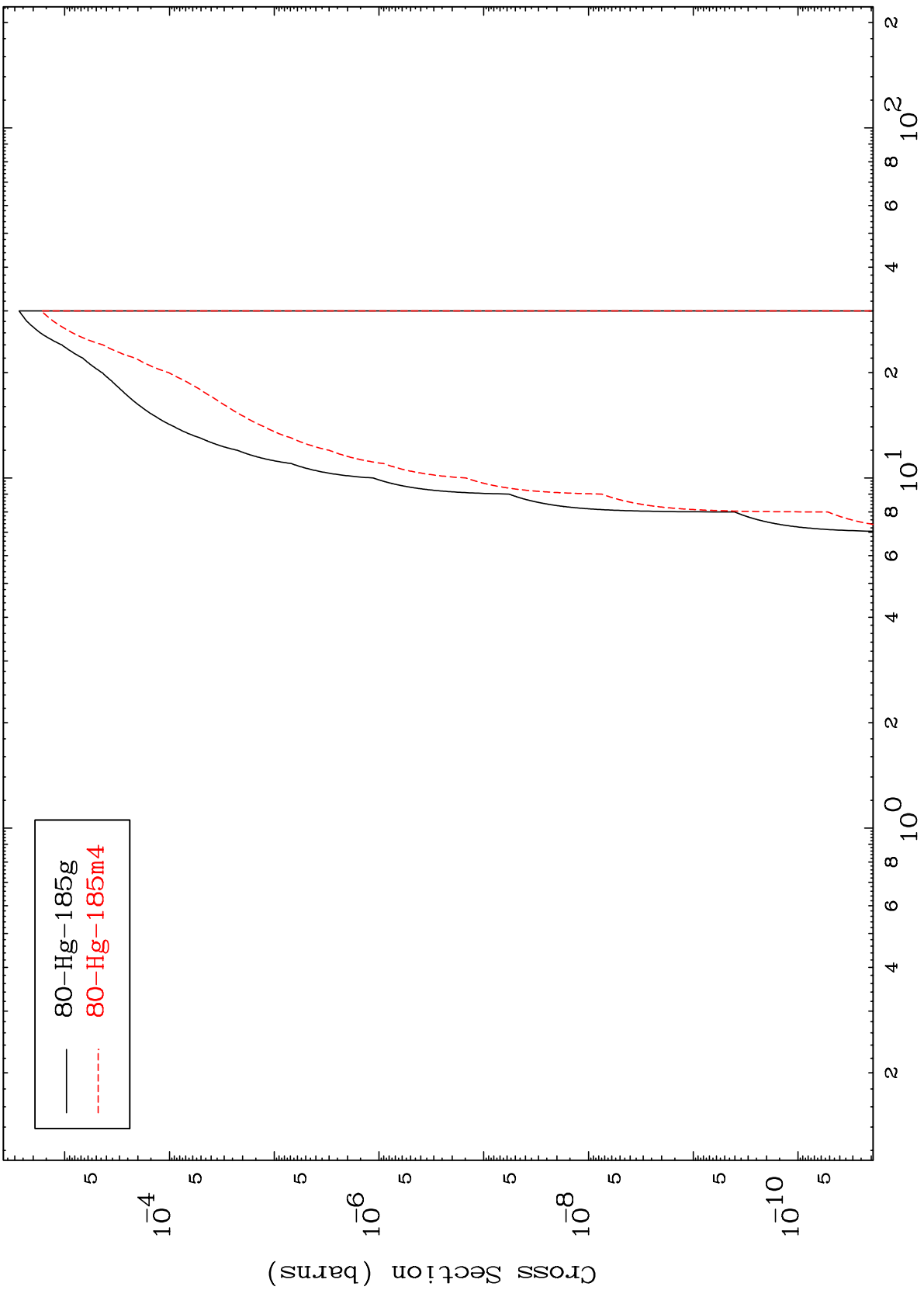
23

MAT 8180

(n,p) α

82-Pb-189

Radionuclide Production Cross Section

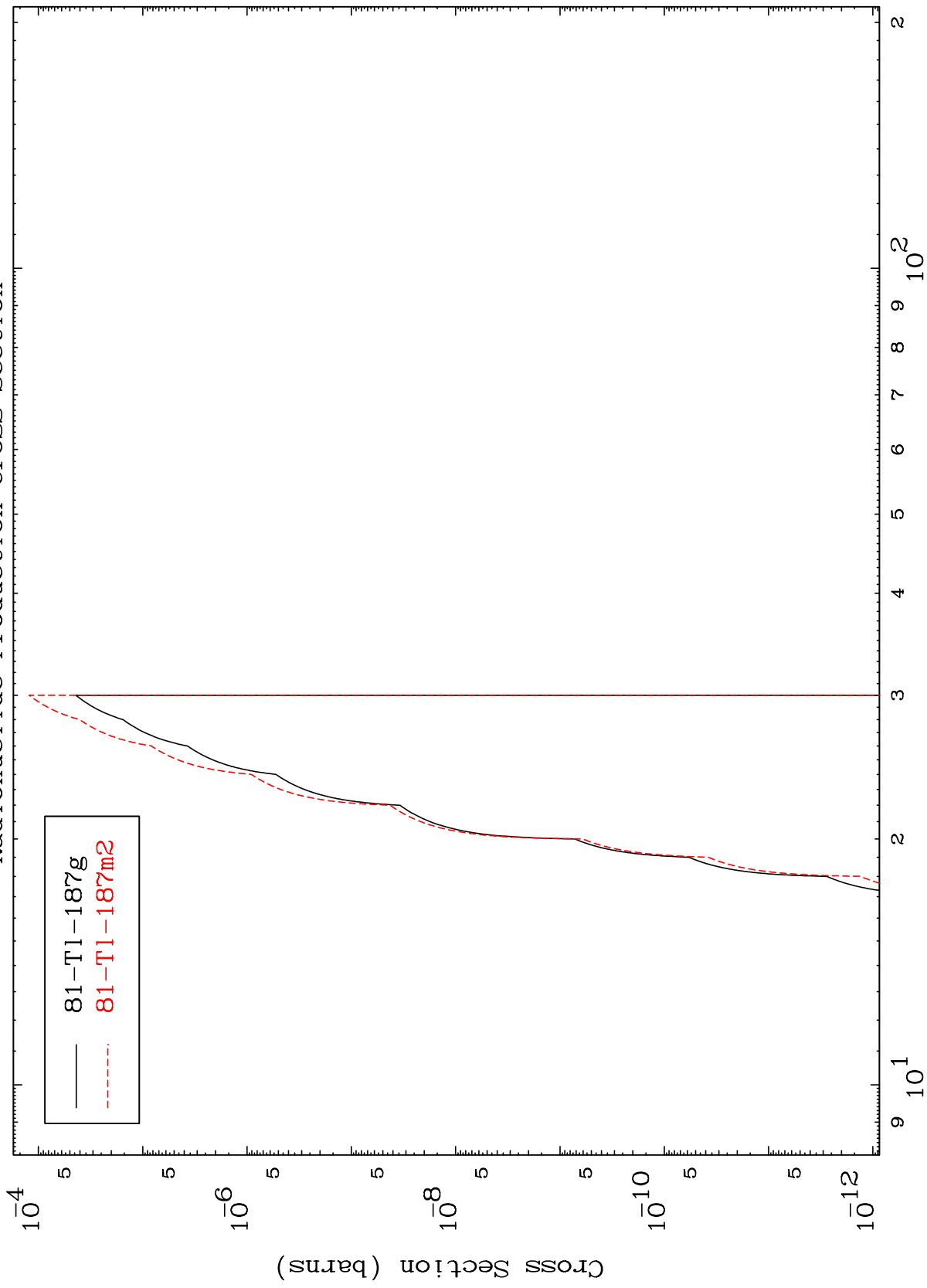


MAT 8180

(n,p) d

82-Pb-189

Radionuclide Production Cross Section



25

Incident Energy (MeV)

82-Pb-189

