

Program EVALPLOT
(Version 2021-1)

by

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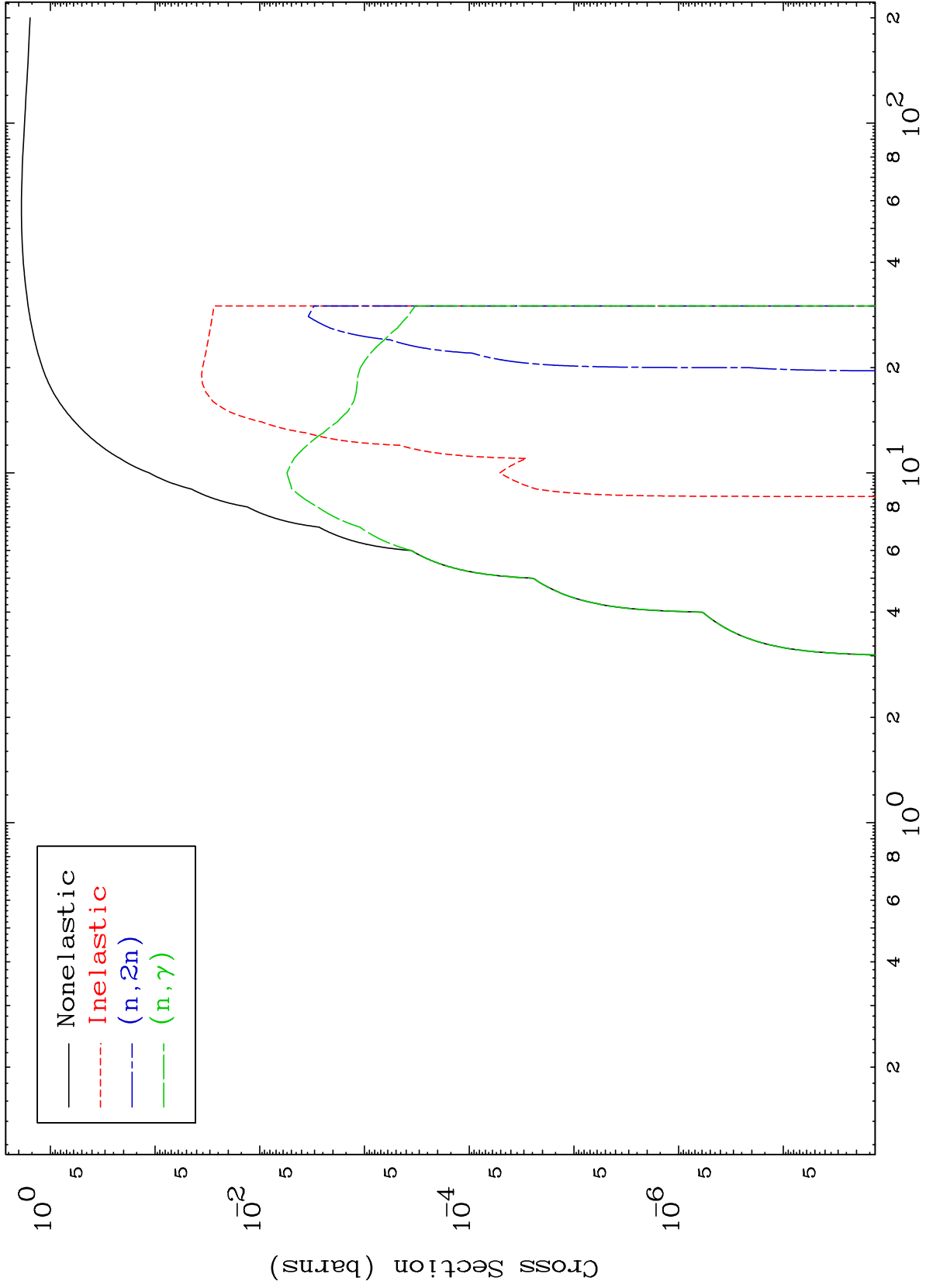
Press Mouse Button to Start

MAT 8181

Proton Major

82-Pb-189m

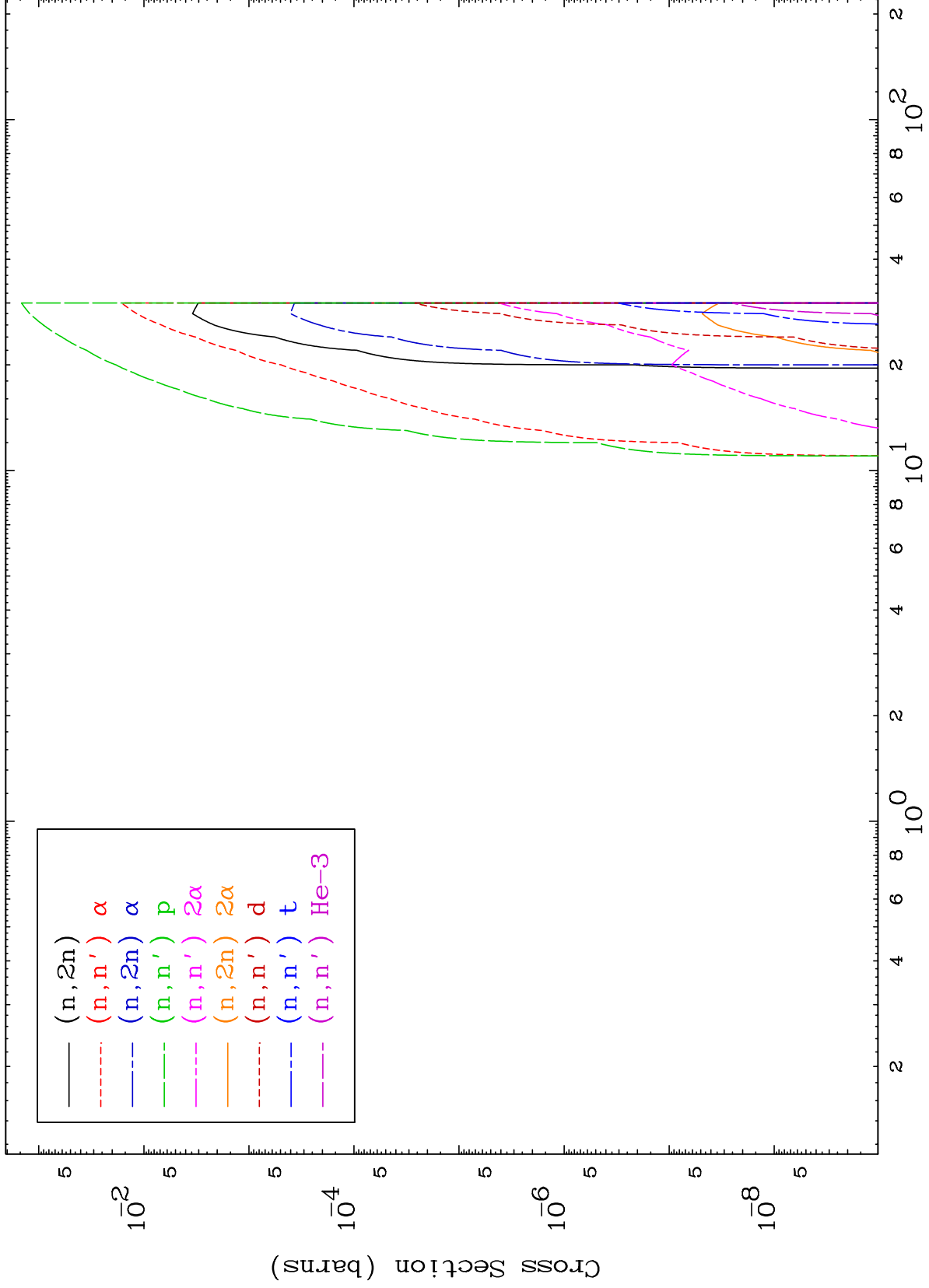
0 Kelvin Cross Sections



MAT 8181

Proton Neutron Absorption
0 Kelvin Cross Sections

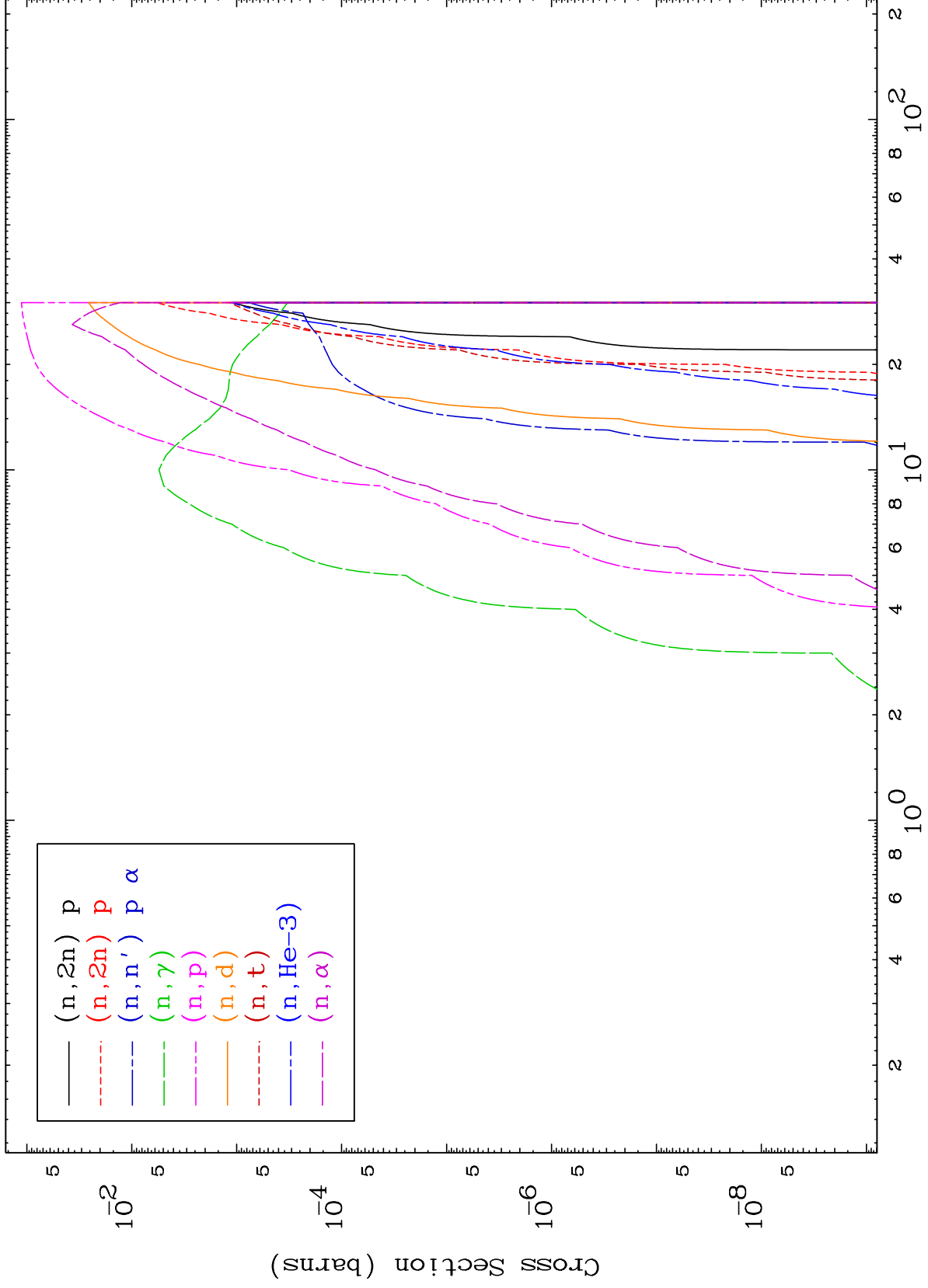
82-Pb-189m



MAT 8181

Proton Neutron Absorption
0 Kelvin Cross Sections

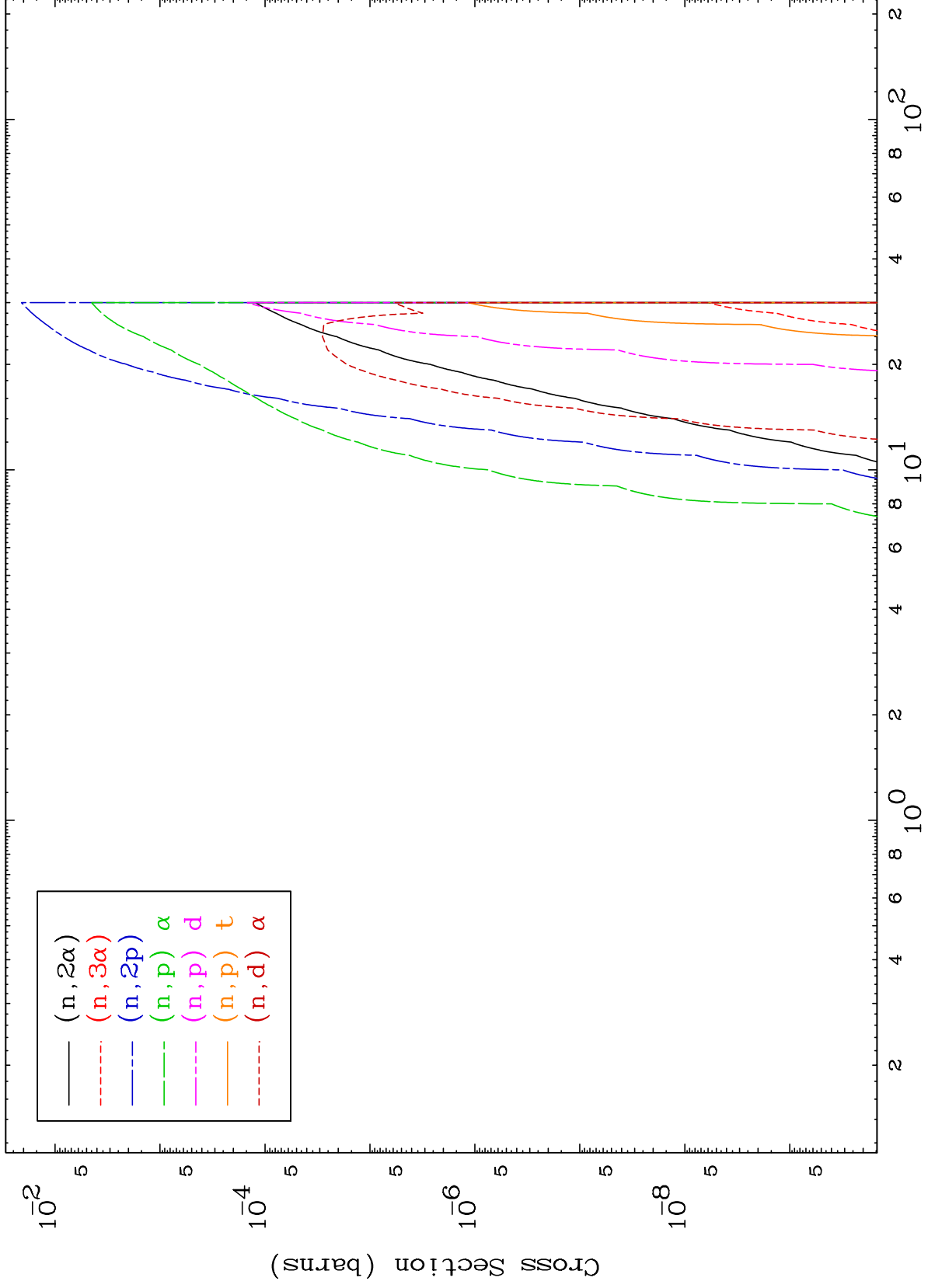
82-Pb-189m



MAT 8181

Proton Neutron Absorption
0 Kelvin Cross Sections

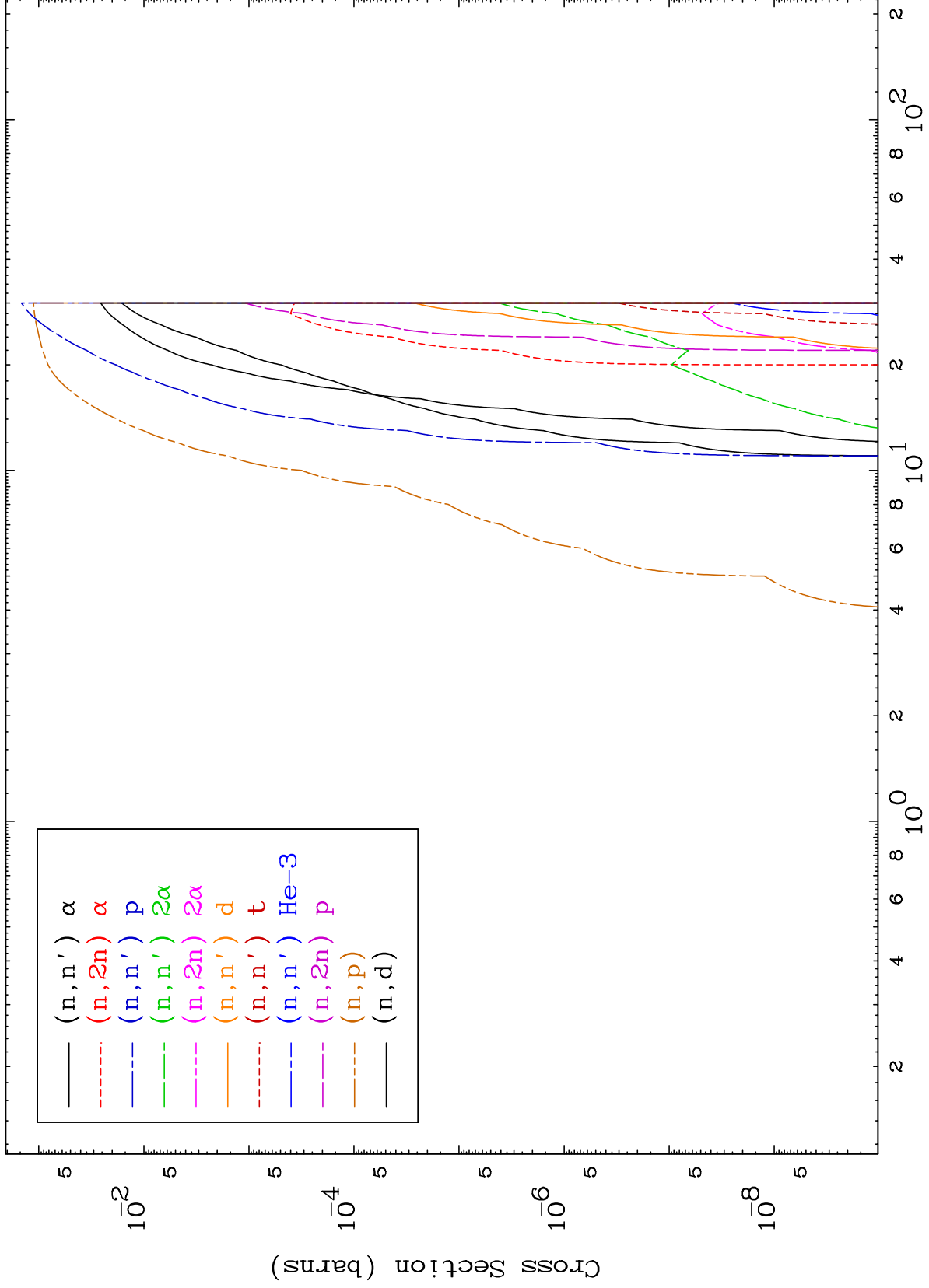
82-Pb-189m



MAT 8181

Proton Charged Particle
0 Kelvin Cross Sections

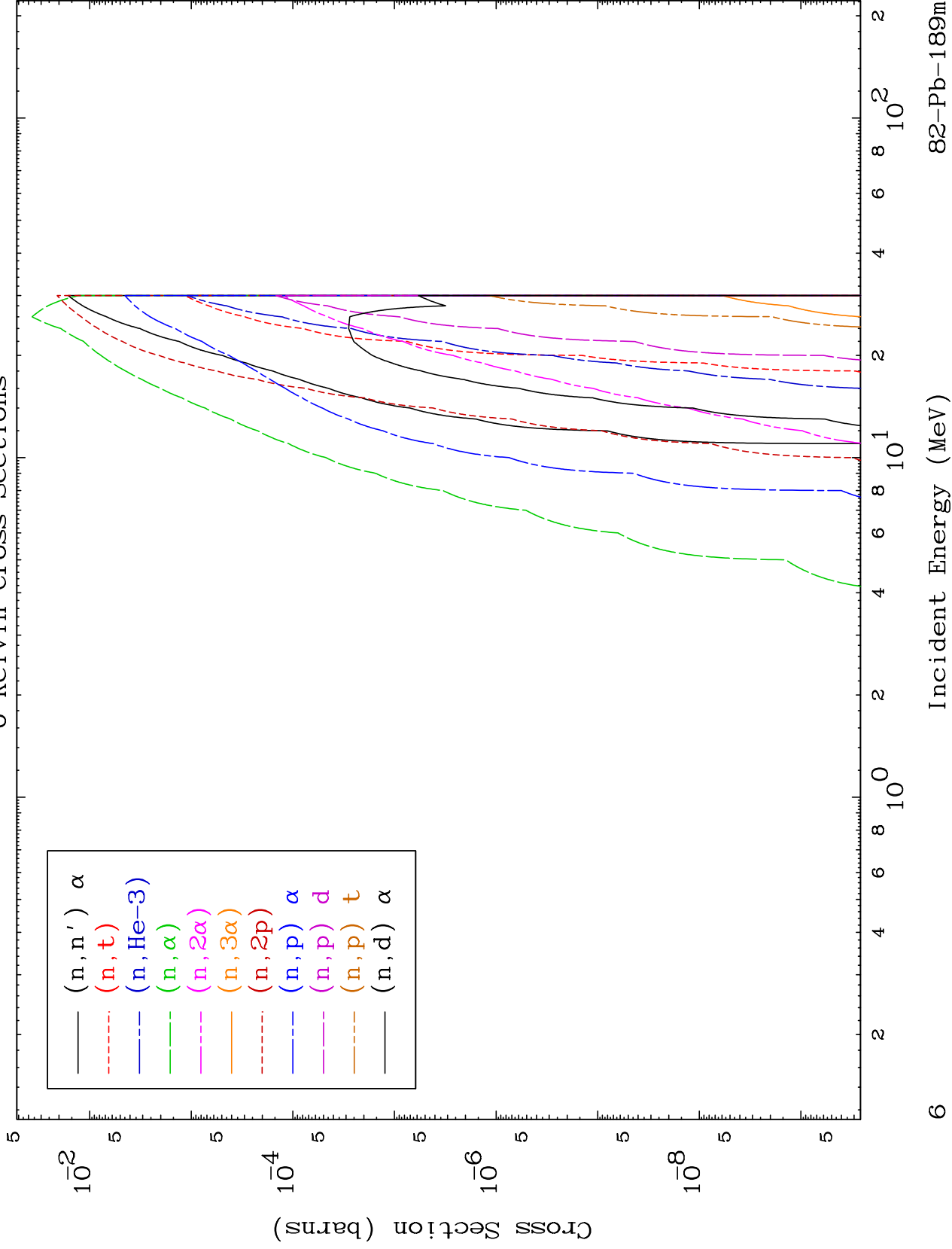
82-Pb-189m



MAT 8181

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-189m

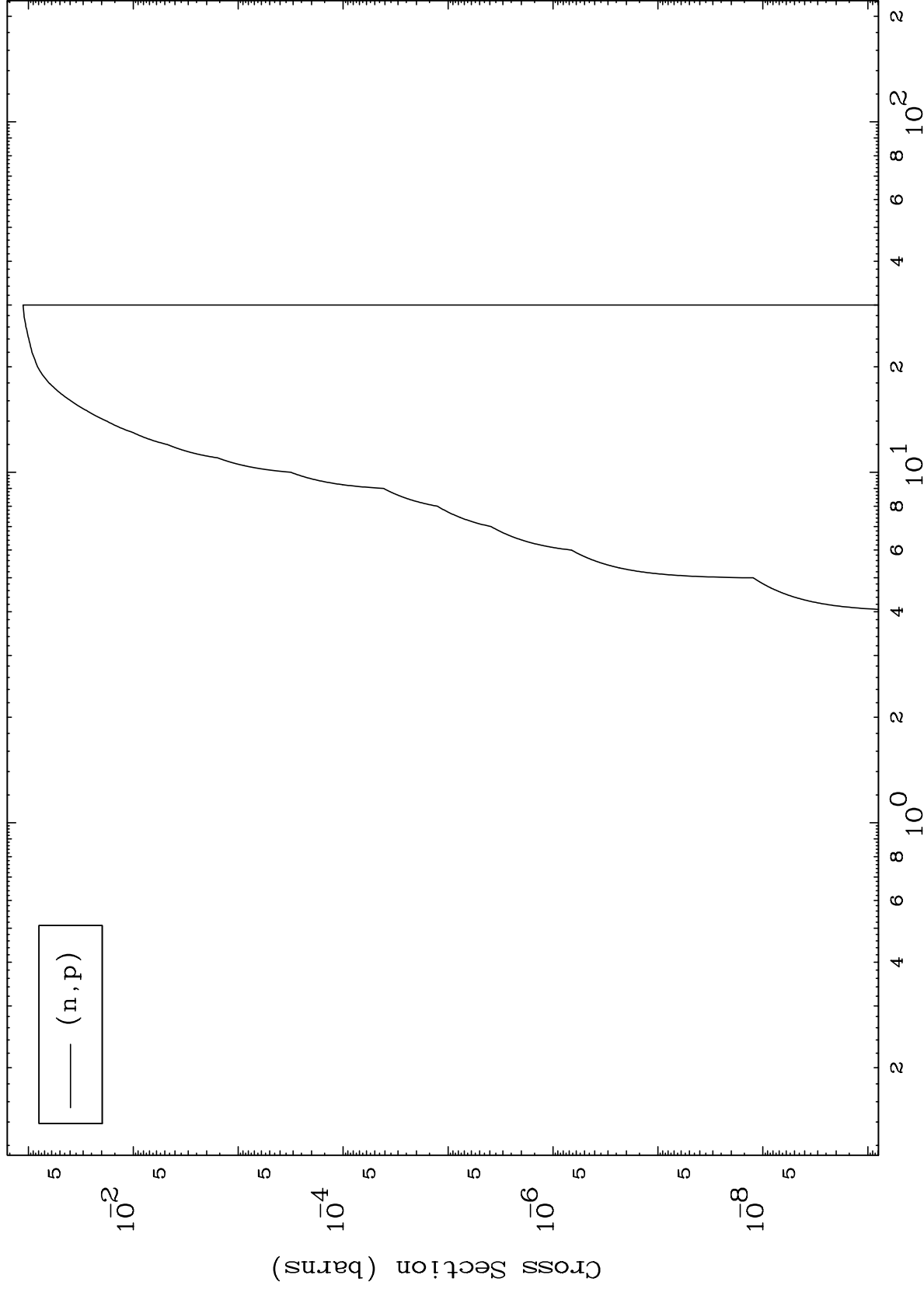


MAT 8181

(p,p) Levels

82-Pb-189m

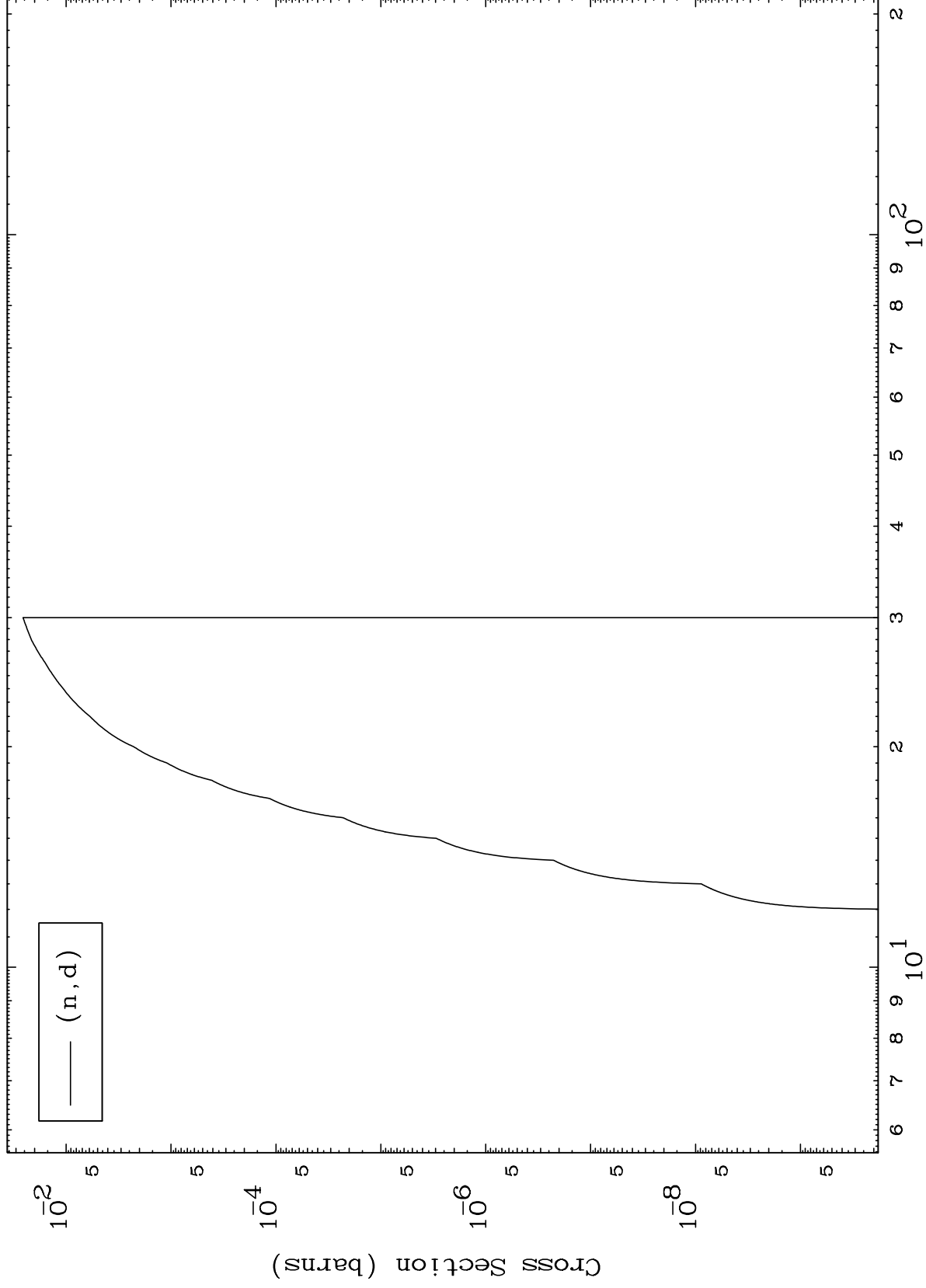
0 Kelvin Cross Sections



MAT 8181

(p,d) Levels
0 Kelvin Cross Sections

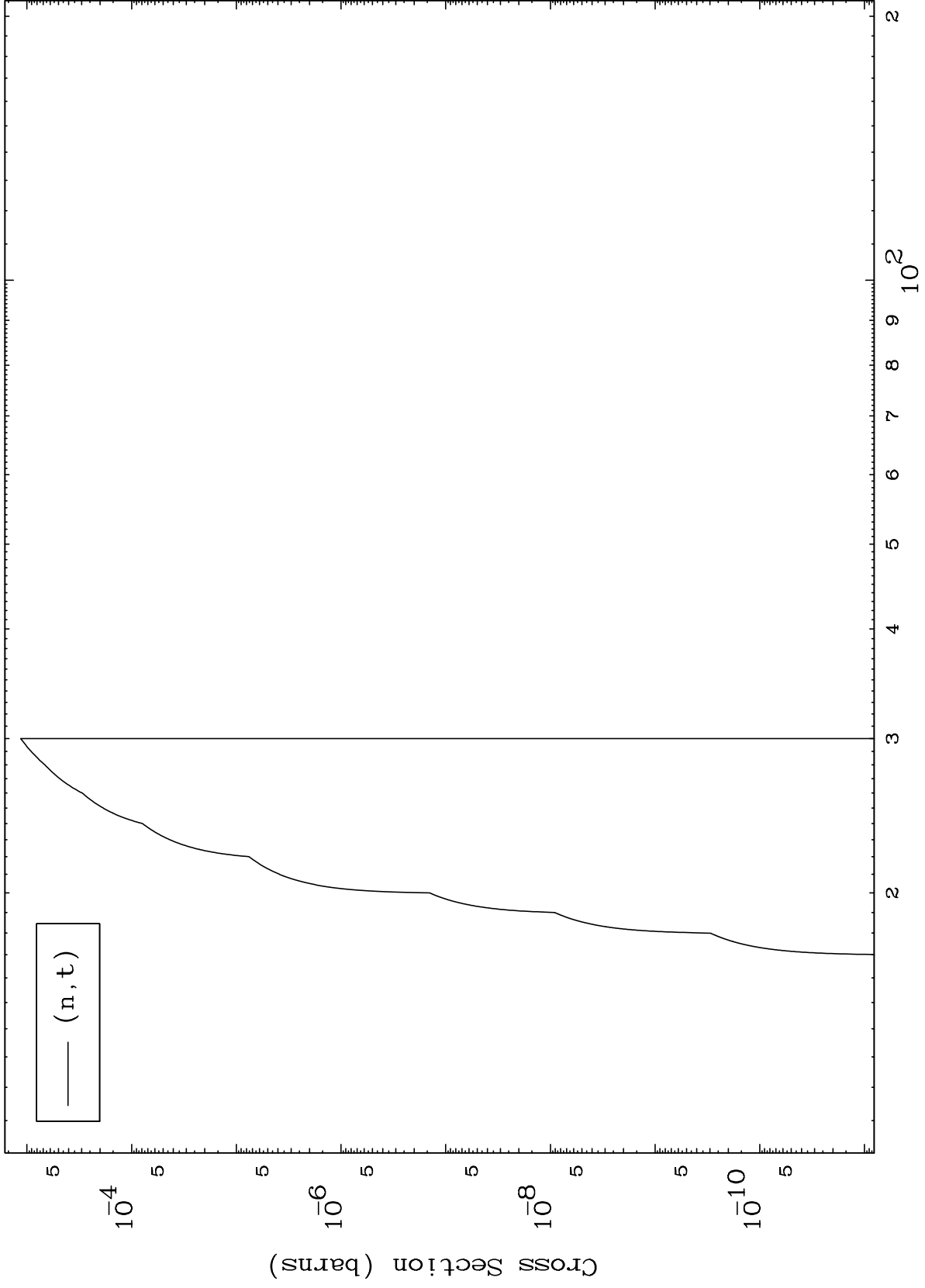
82-Pb-189m



8

Incident Energy (MeV)

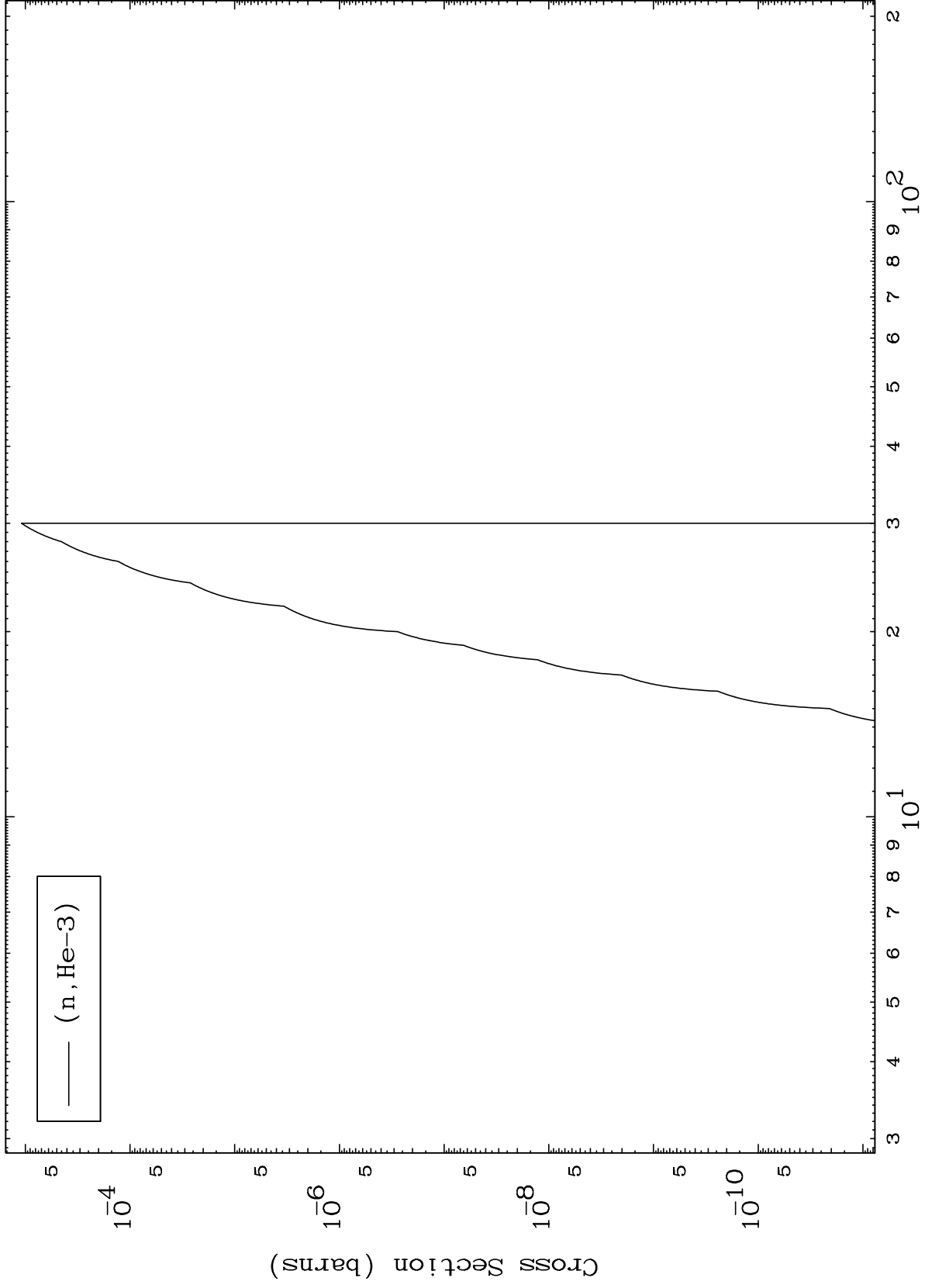
82-Pb-189m



MAT 8181

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-189m



10

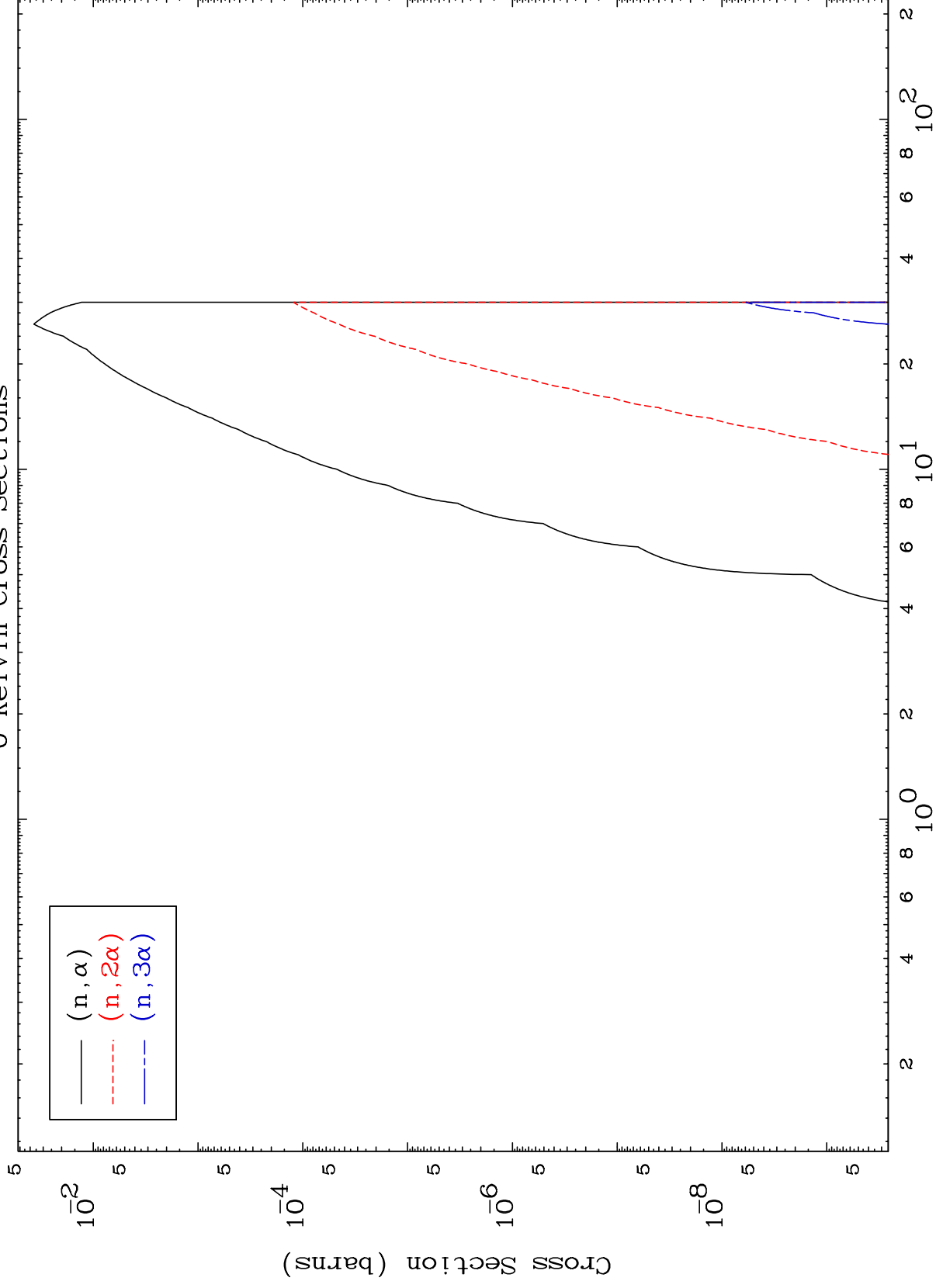
Incident Energy (MeV)

82-Pb-189m

MAT 8181

(p, α) Levels
0 Kelvin Cross Sections

$^{82}\text{Pb}-189\text{m}$



11

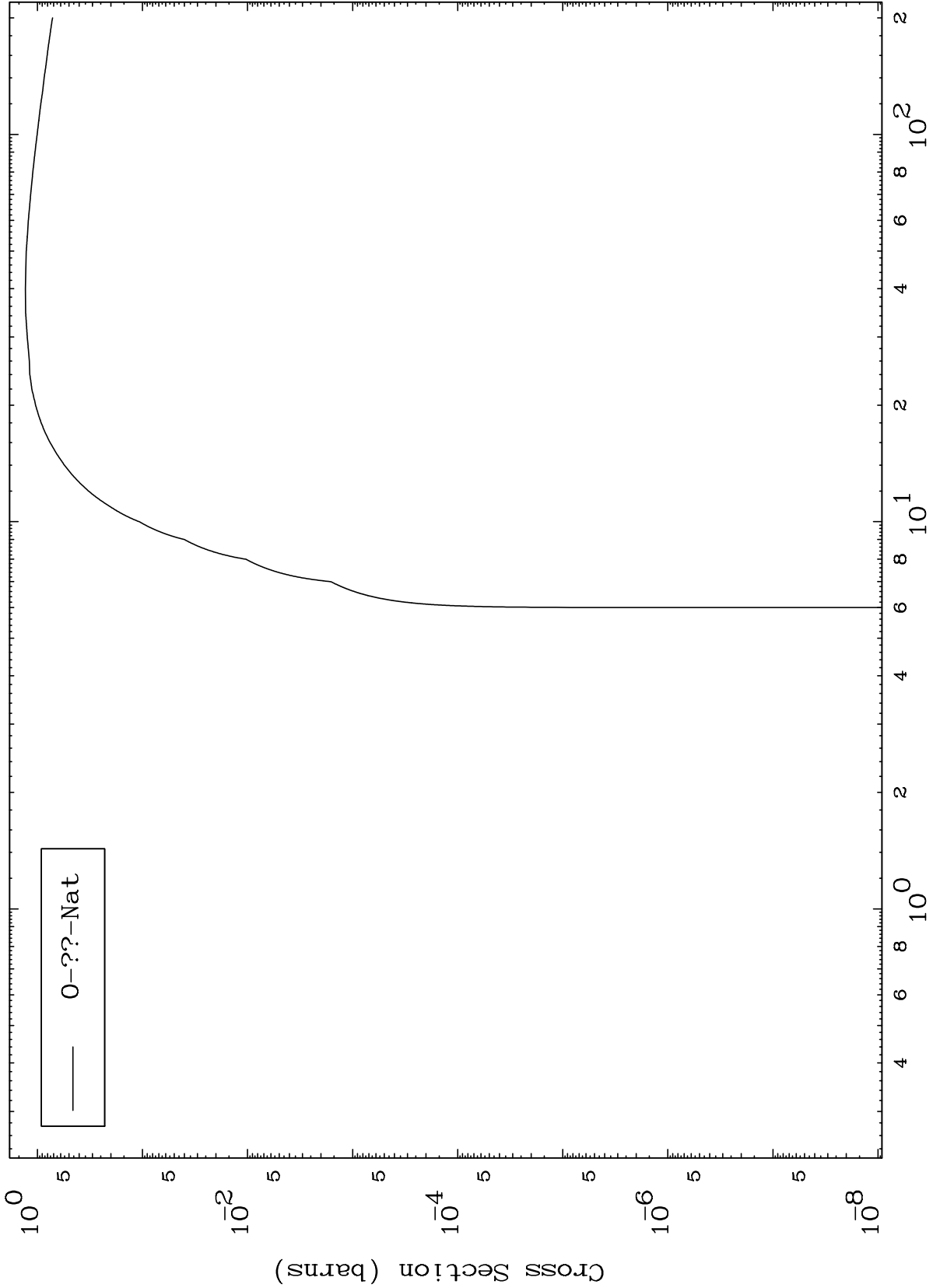
$^{82}\text{Pb}-189\text{m}$

Incident Energy (MeV)

MAT 8181

⁸²Pb-189m

Fission
Radionuclide Production Cross Section

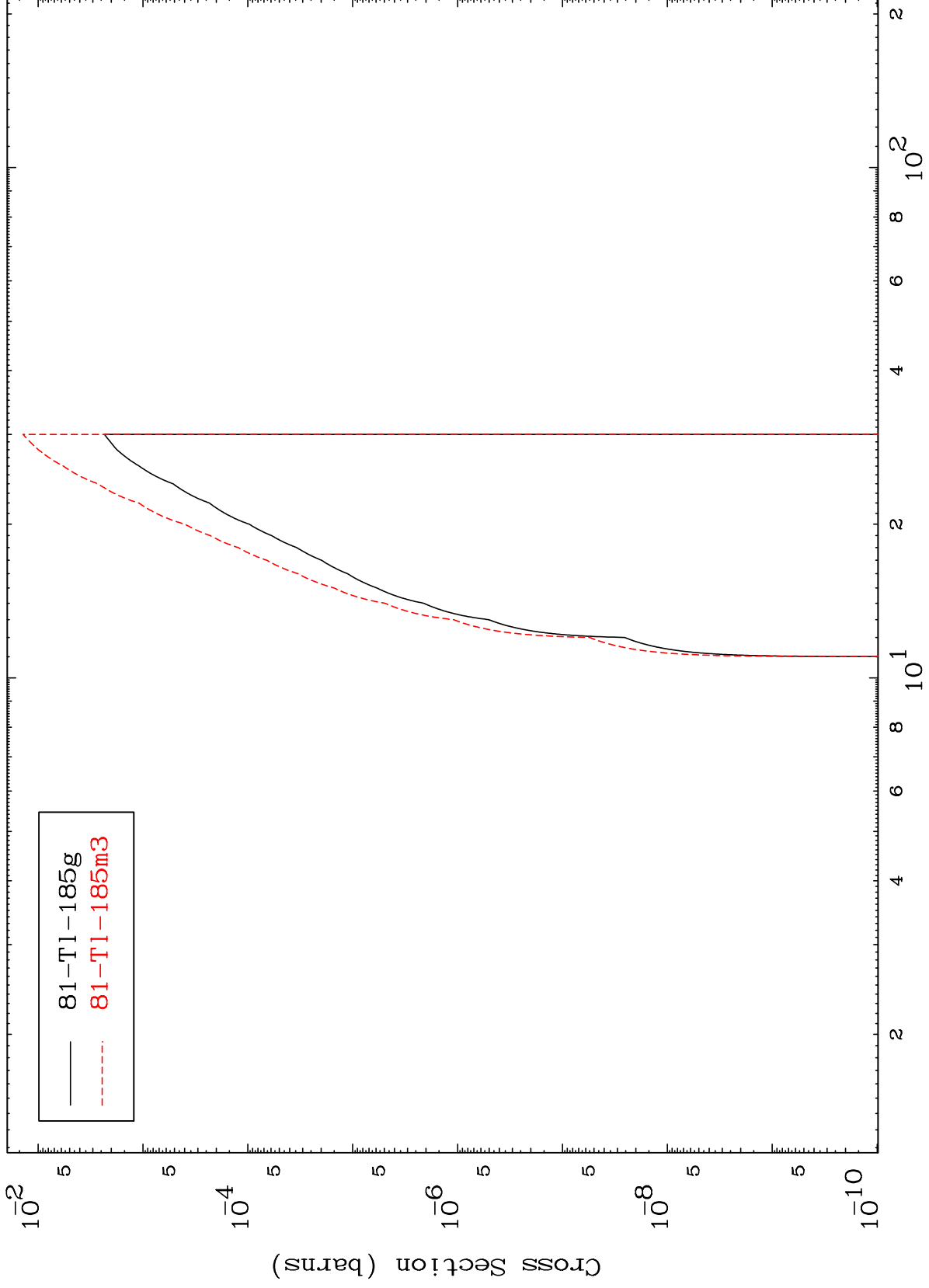


MAT 8181

(n,n') α

82-Pb-189m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

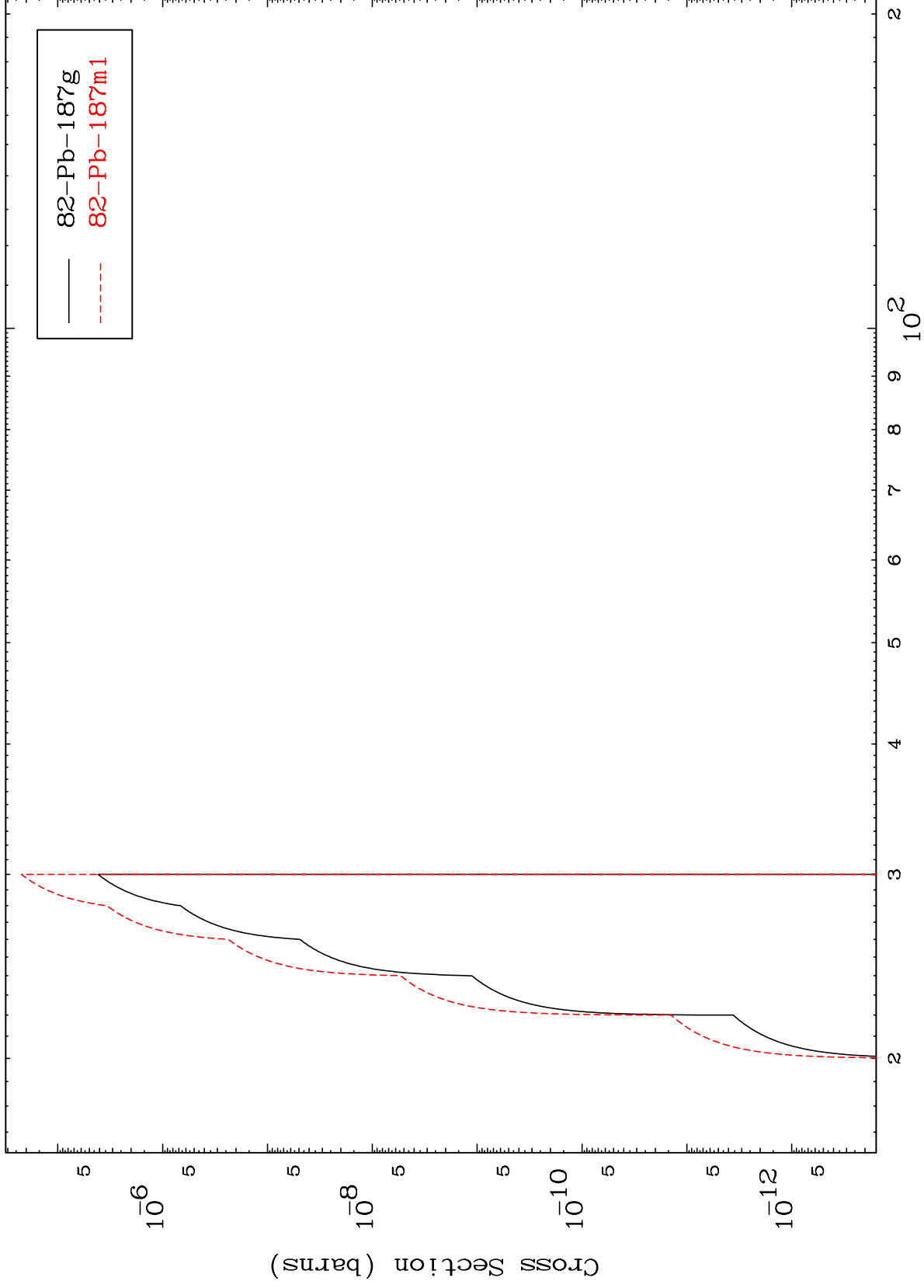
82-Pb-189m

MAT 8181

(n,n') d

82-Pb-189m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

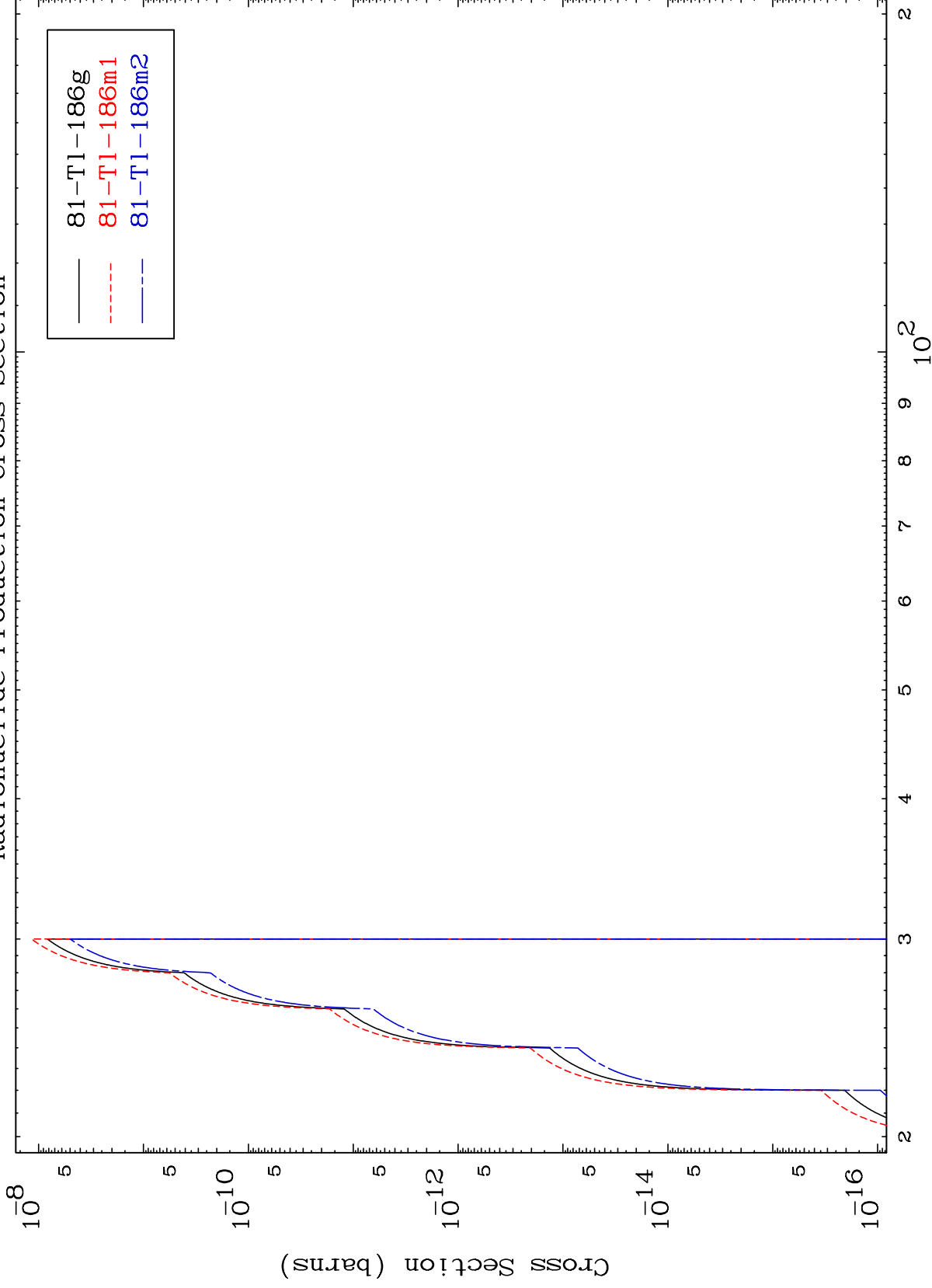
82-Pb-189m

MAT 8181

(n,n') He-3

82-Pb-189m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

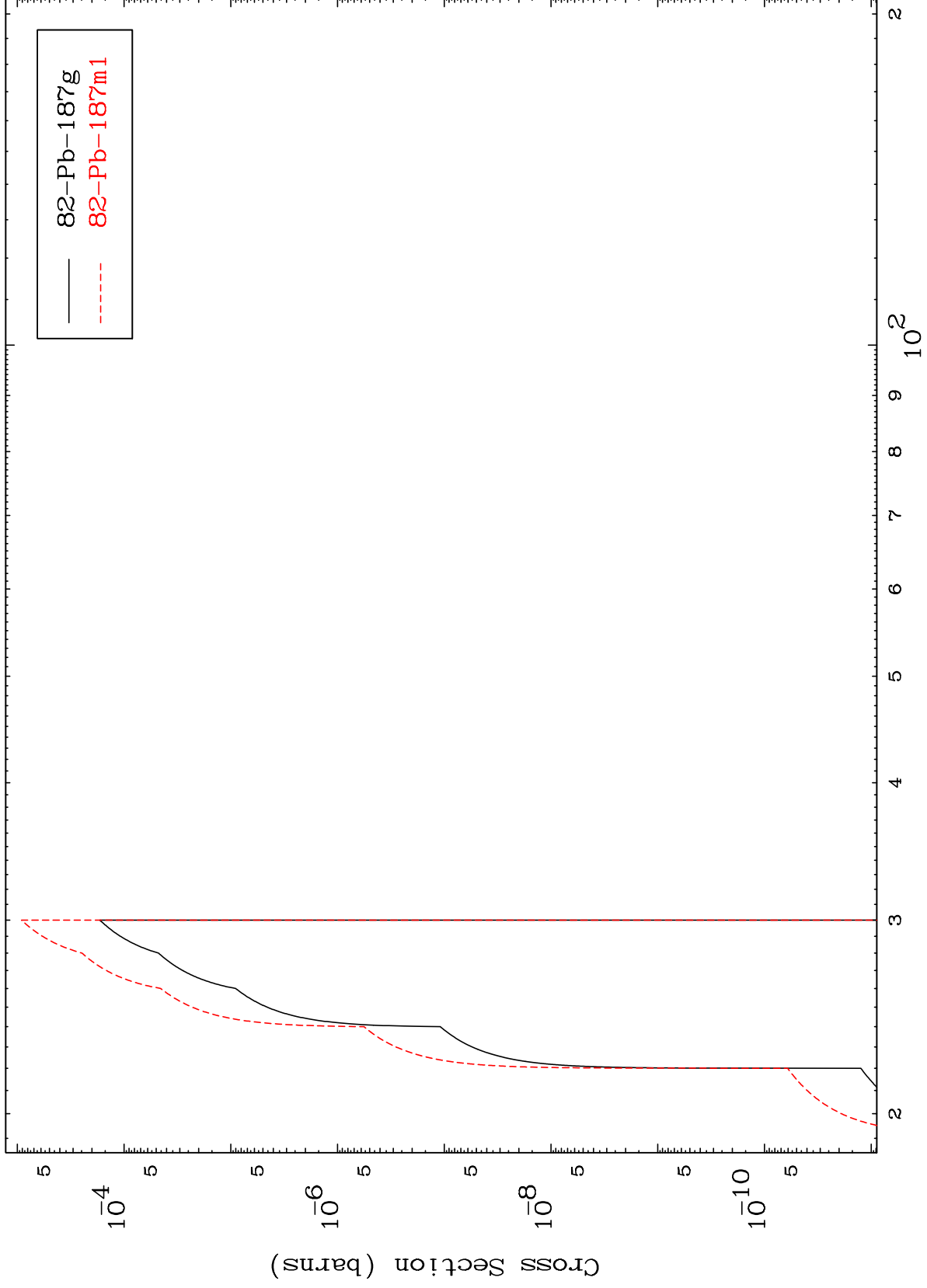
82-Pb-189m

MAT 8181

(n,2n) p

82-Pb-189m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

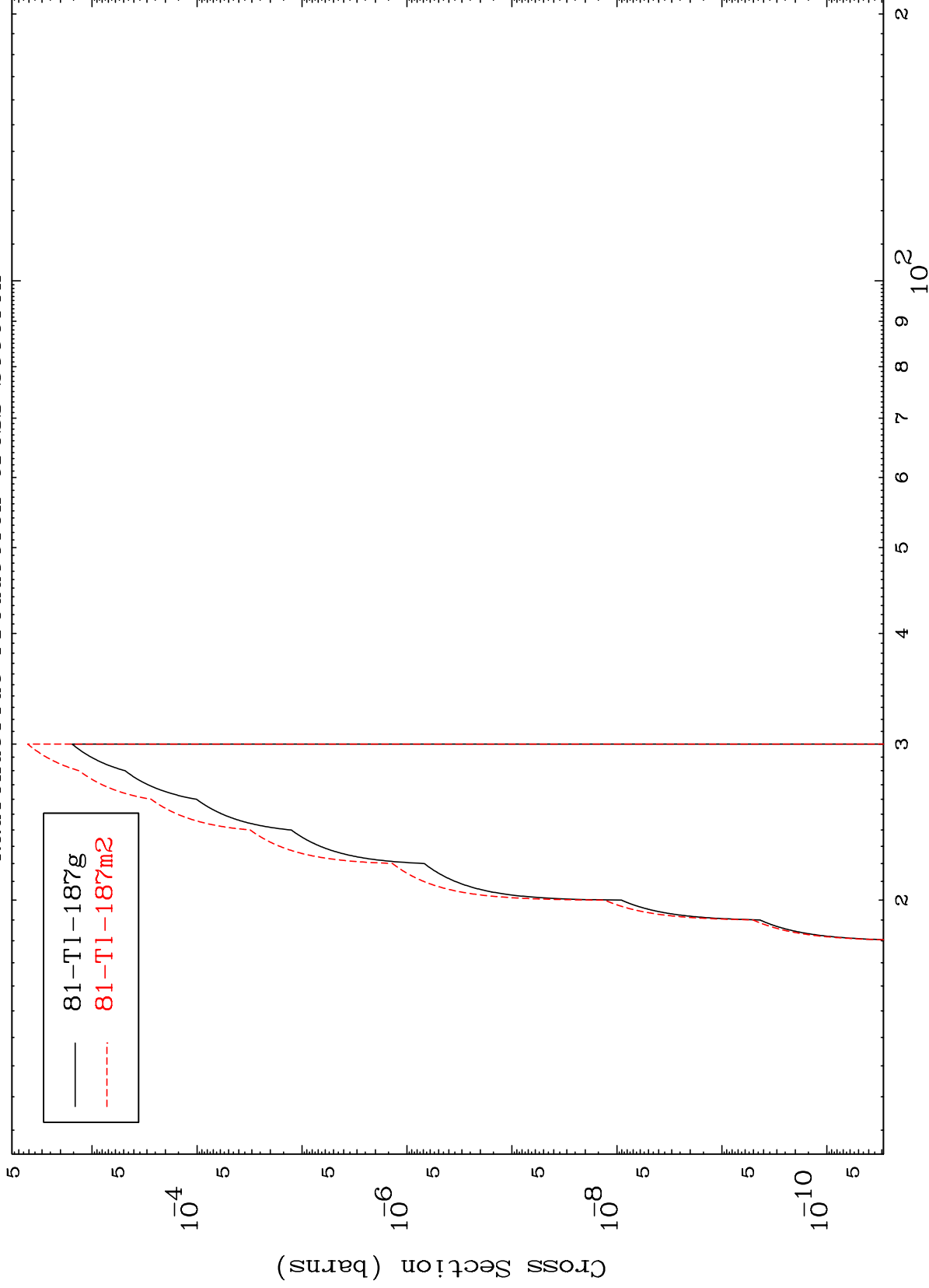
82-Pb-189m

MAT 8181

(n,2n) p

82-Pb-189m

Radionuclide Production Cross Section



17

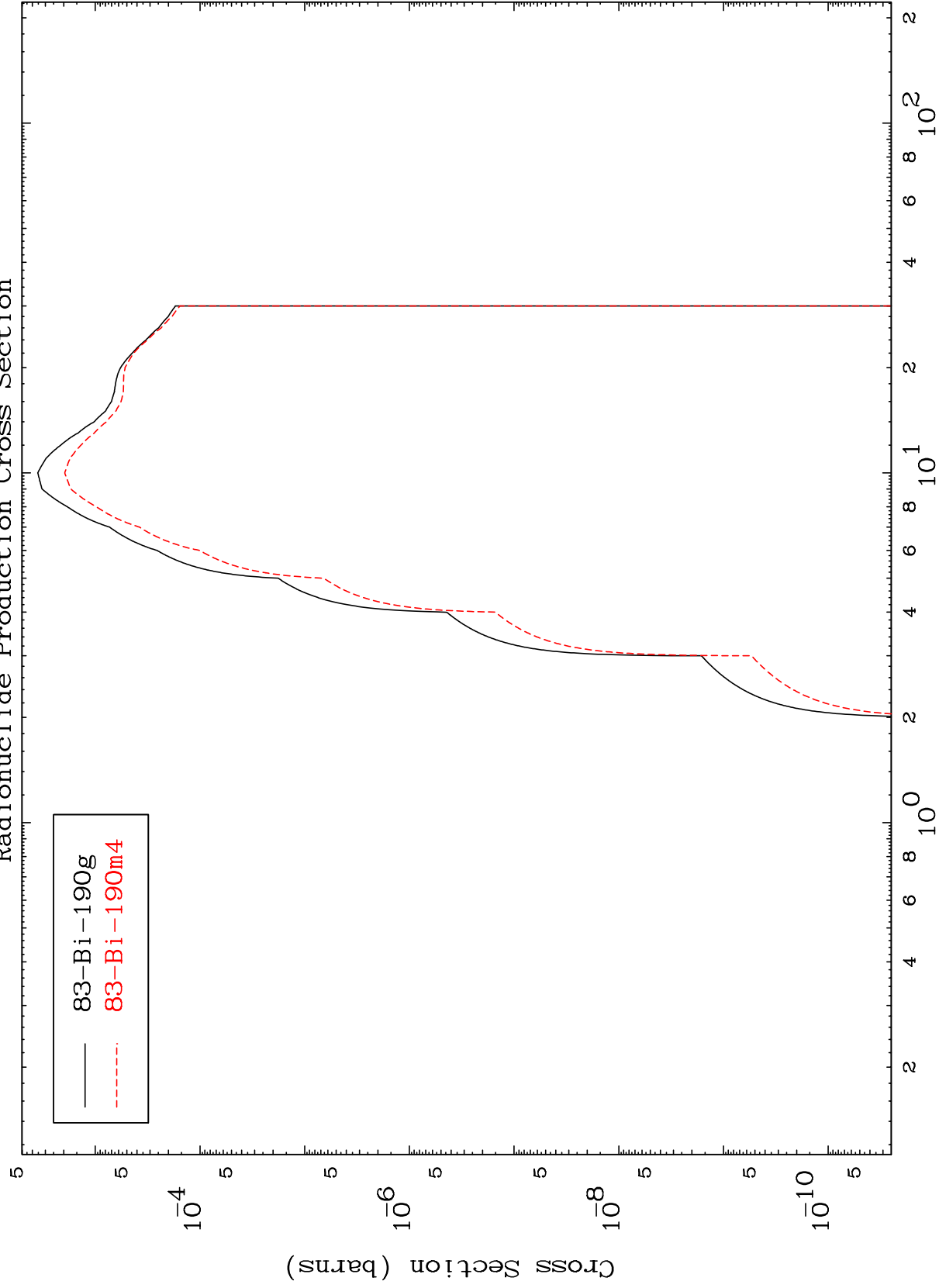
Incident Energy (MeV)

82-Pb-189m

MAT 8181

$^{82}\text{Pb}-189\text{m}$

(n, γ)
Radionuclide Production Cross Section



18

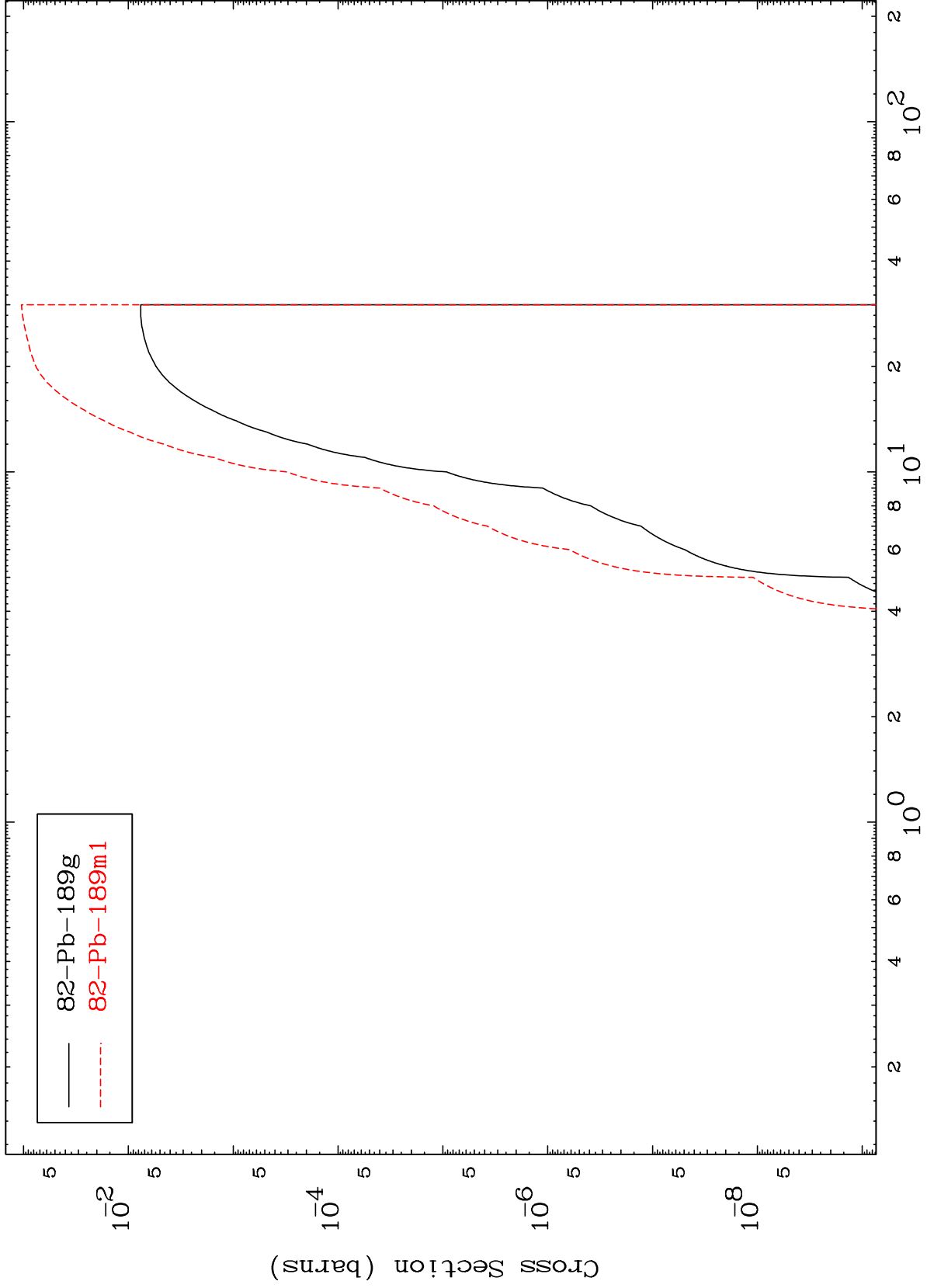
$^{82}\text{Pb}-189\text{m}$

Incident Energy (MeV)

MAT 8181

⁸²Pb-189m

Radionuclide Production Cross Section (n,p)



19

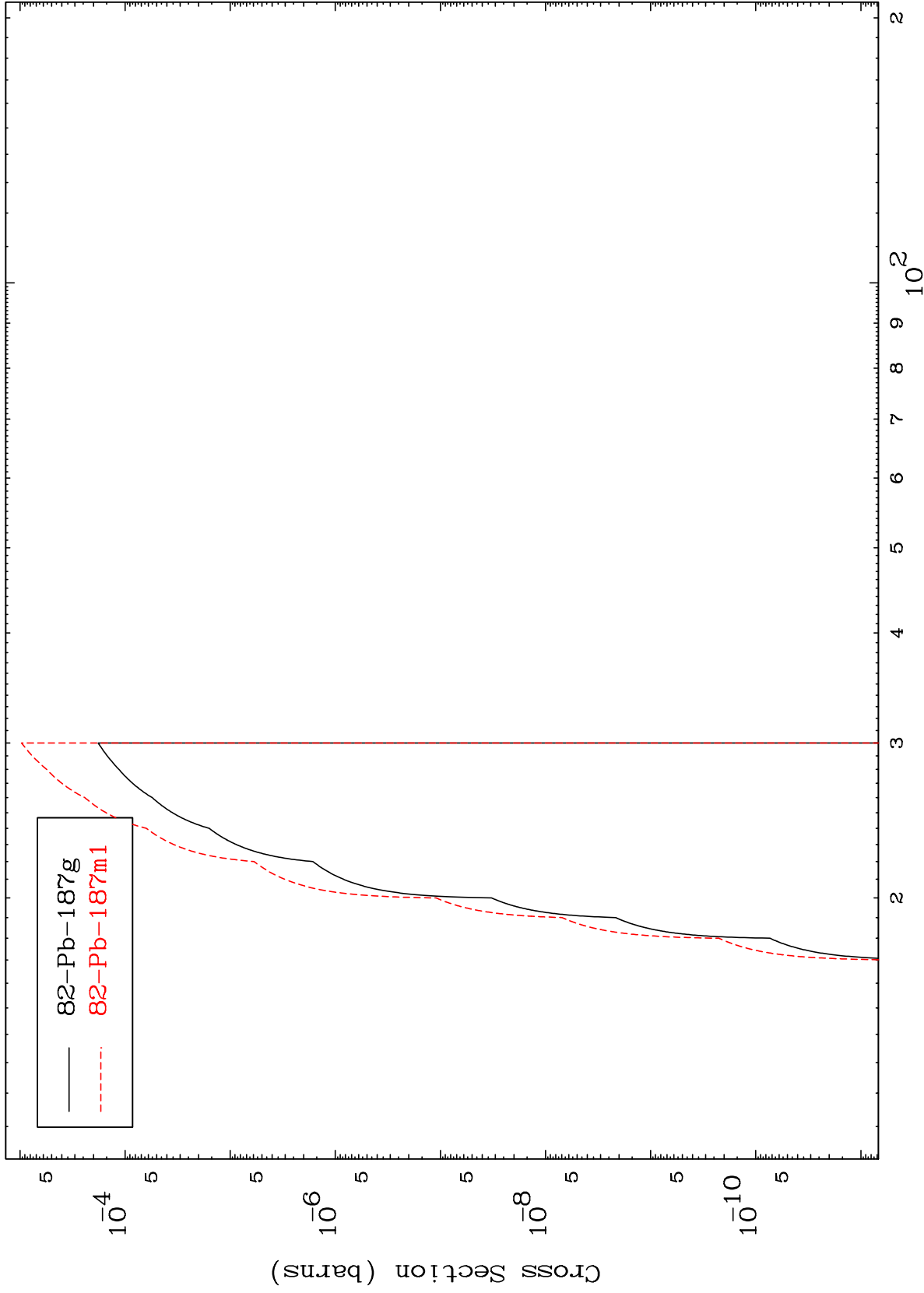
⁸²Pb-189m

Incident Energy (MeV)

MAT 8181

82-Pb-189m

(n, t)
Radionuclide Production Cross Section



82-Pb-189m

Incident Energy (MeV)

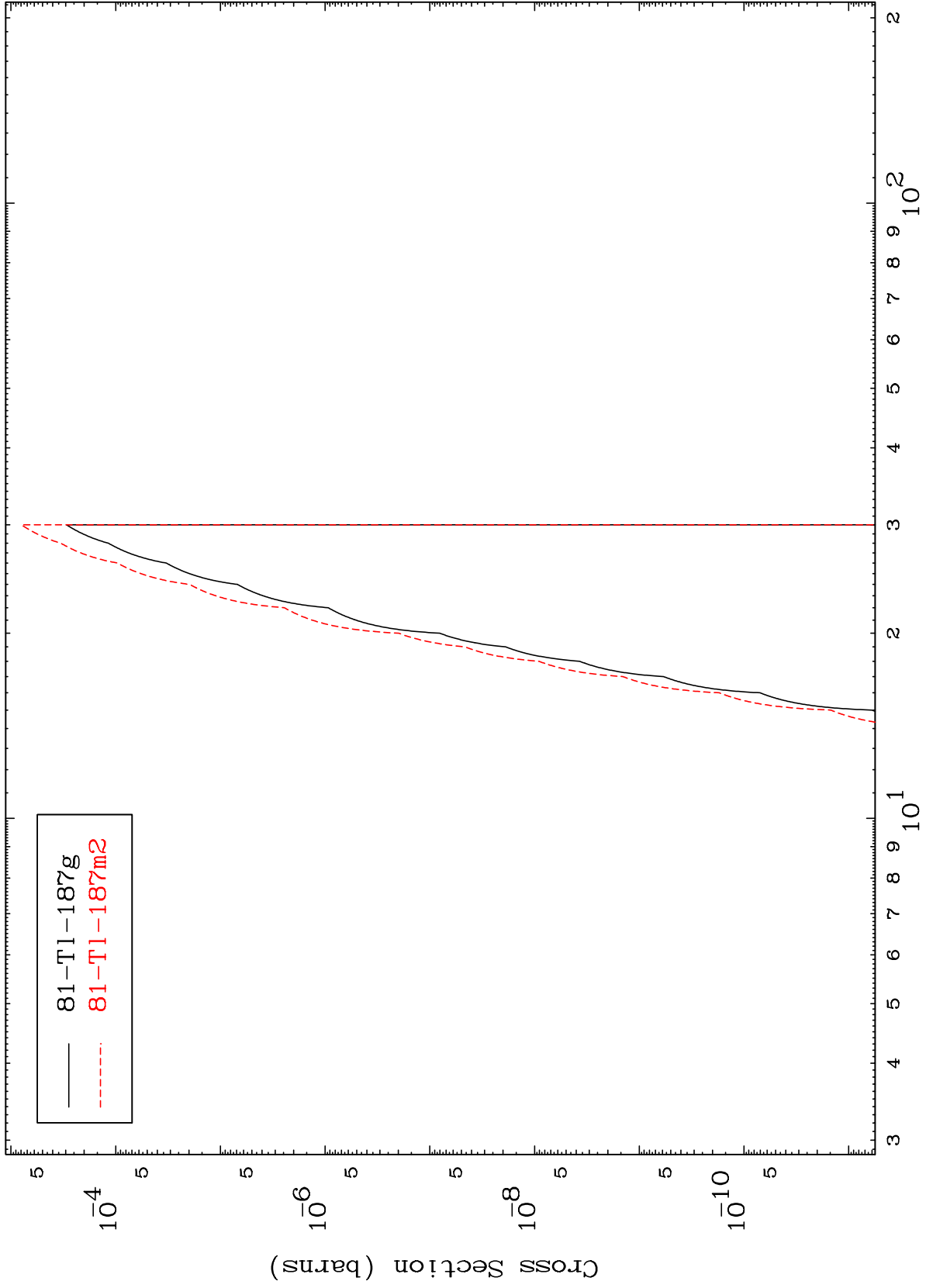
20

MAT 8181

(n,He-3)

82-Pb-189m

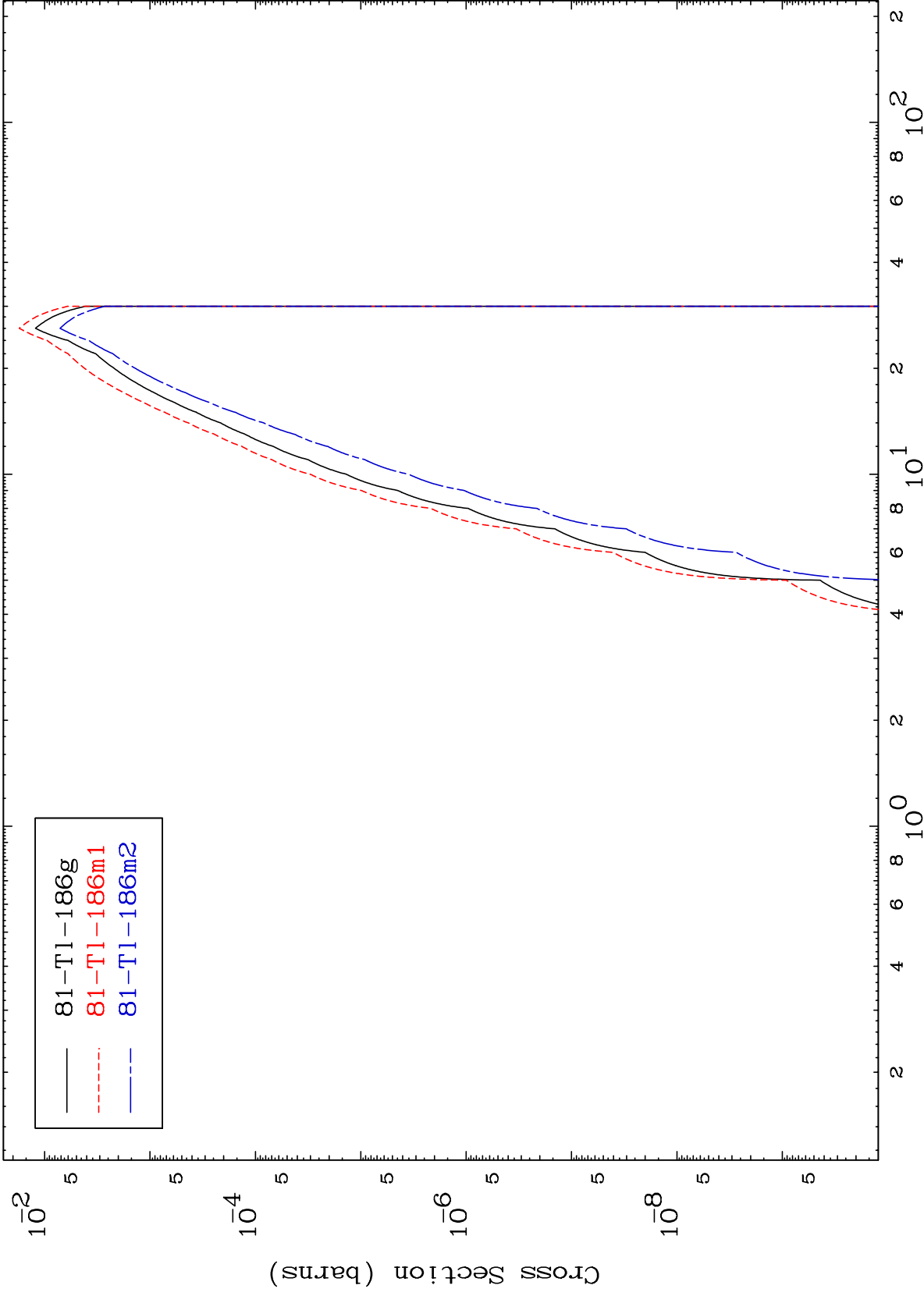
Radionuclide Production Cross Section



MAT 8181

$^{82}\text{Pb}-189\text{m}$

Radionuclide Production Cross Section
(n, α)



22

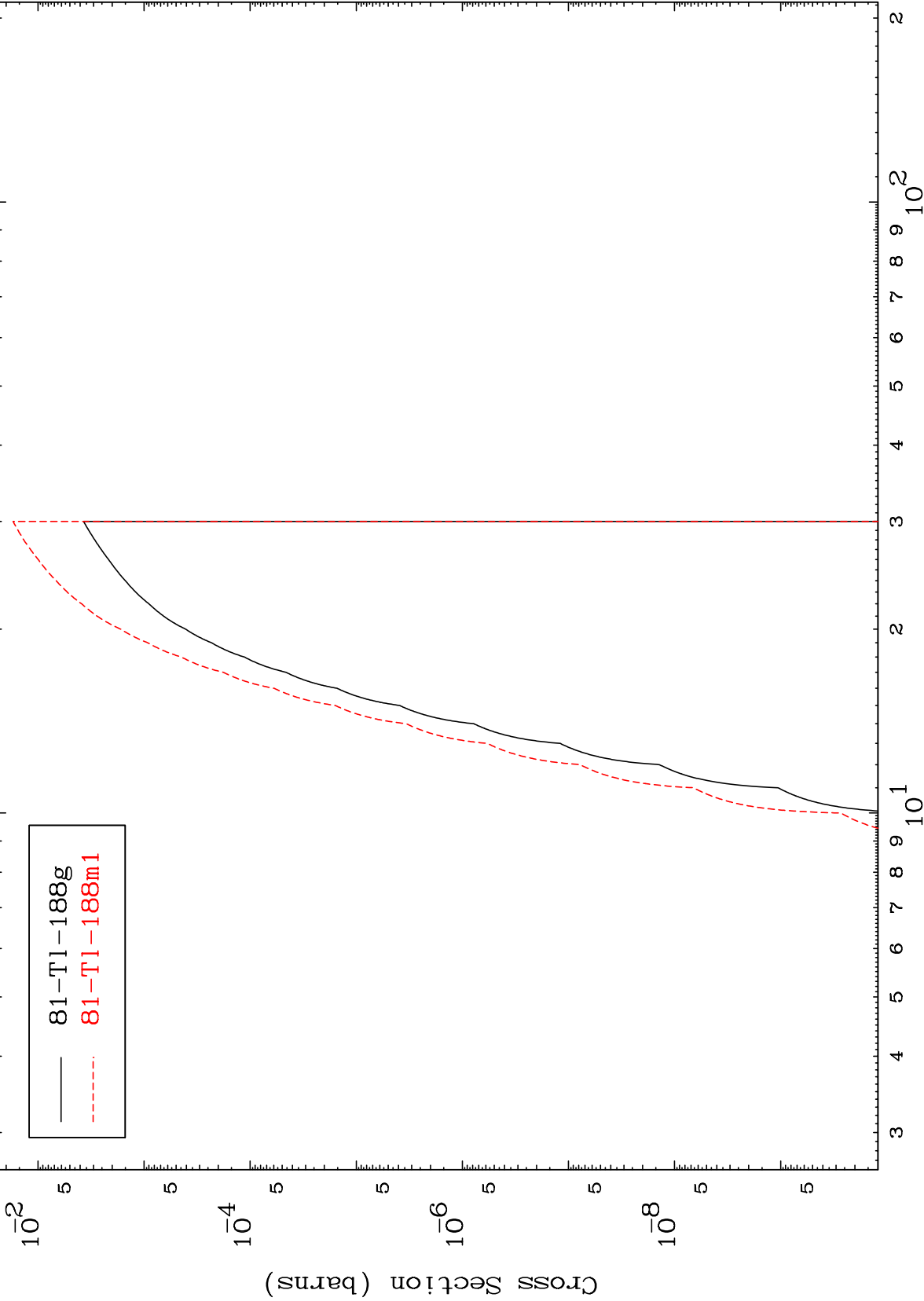
$^{82}\text{Pb}-189\text{m}$

Incident Energy (MeV)

MAT 8181

82-Pb-189m

(n,2p)
Radionuclide Production Cross Section



— 81-Tl-188g
- - - 81-Tl-188m1

82-Pb-189m

Incident Energy (MeV)

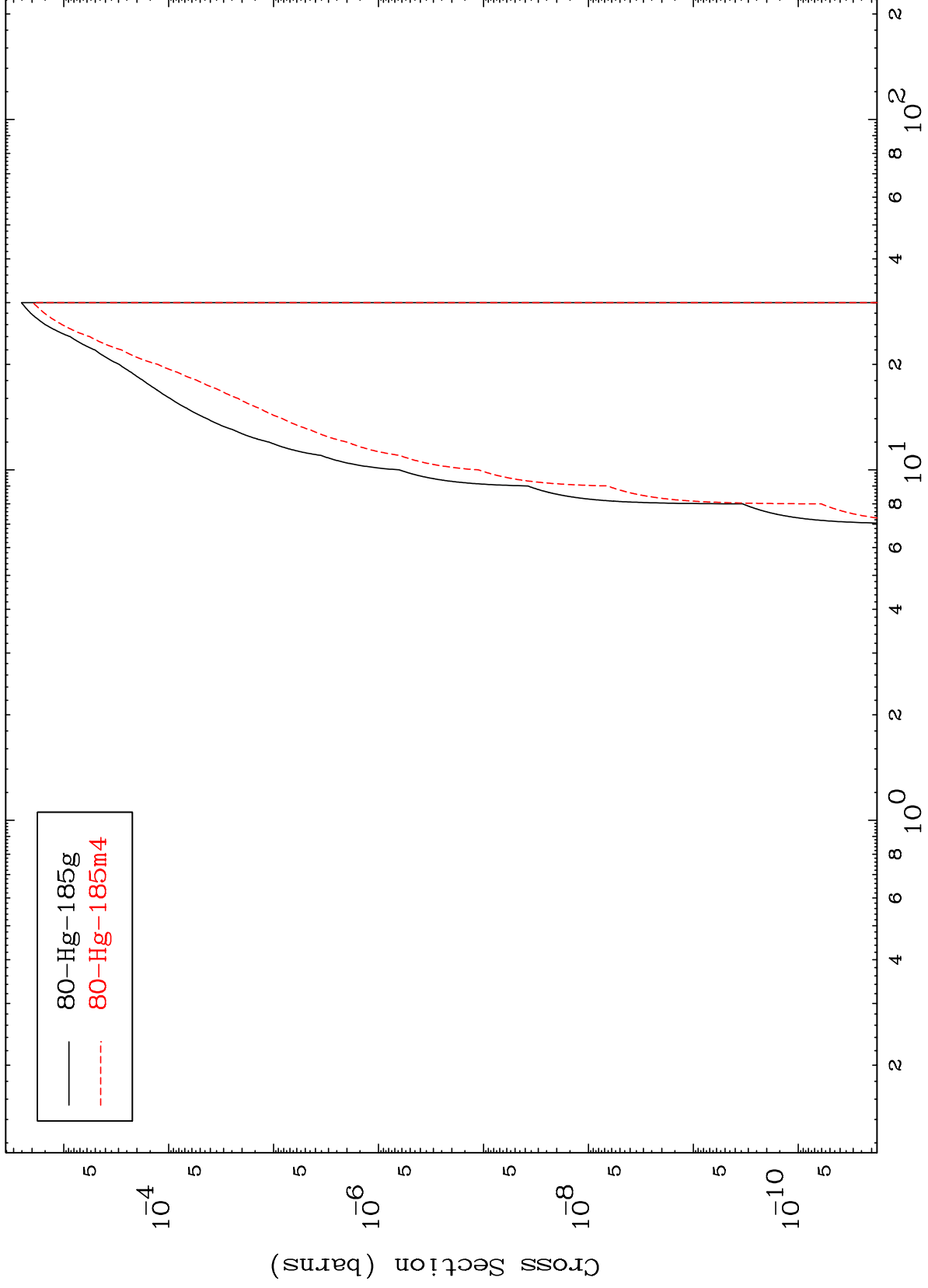
23

MAT 8181

(n,p) α

⁸²Pb-189m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

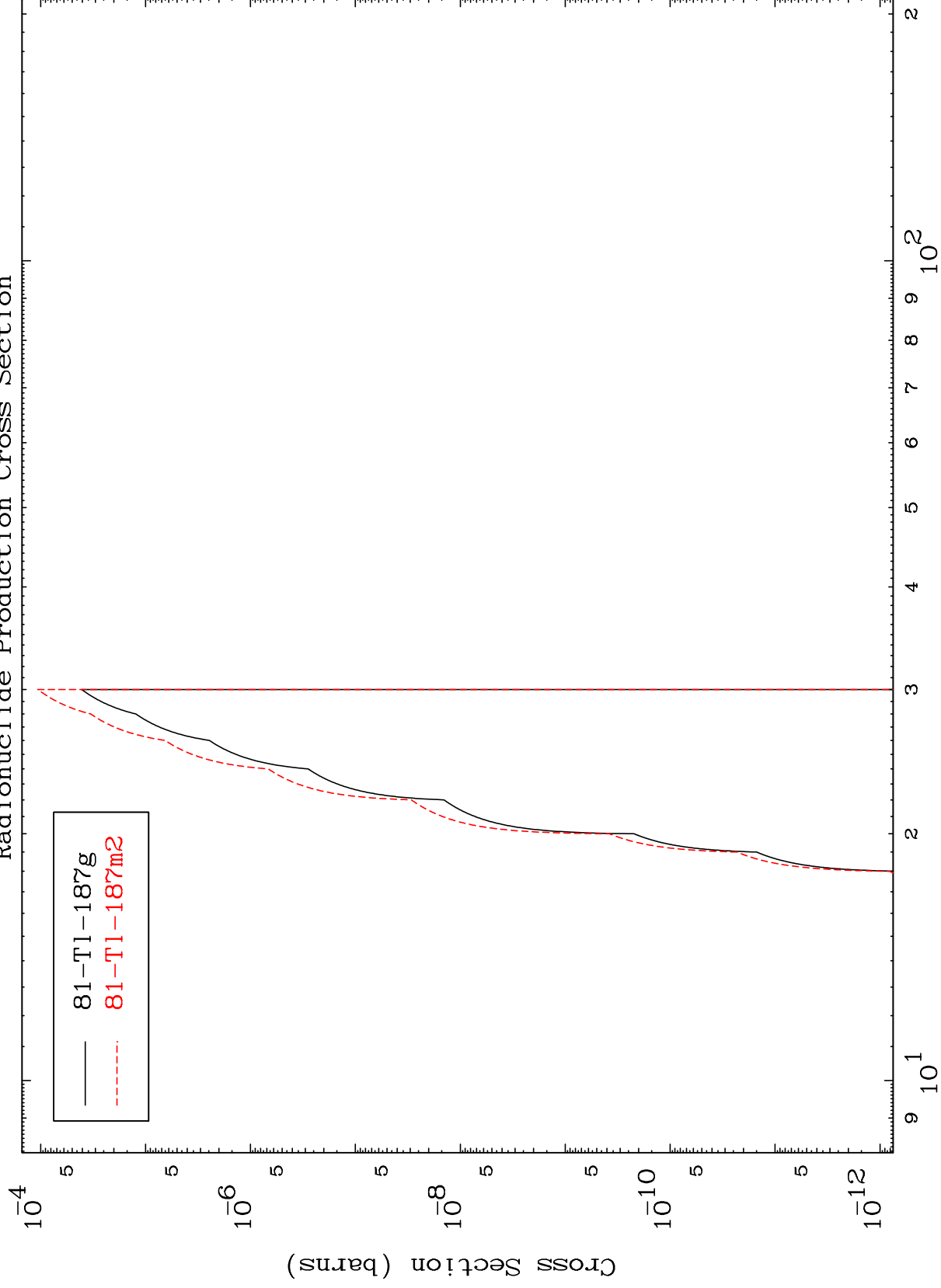
⁸²Pb-189m

MAT 8181

(n,p) d

82-Pb-189m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

82-Pb-189m

