

Program EVALPLOT
(Version 2021-1)

by

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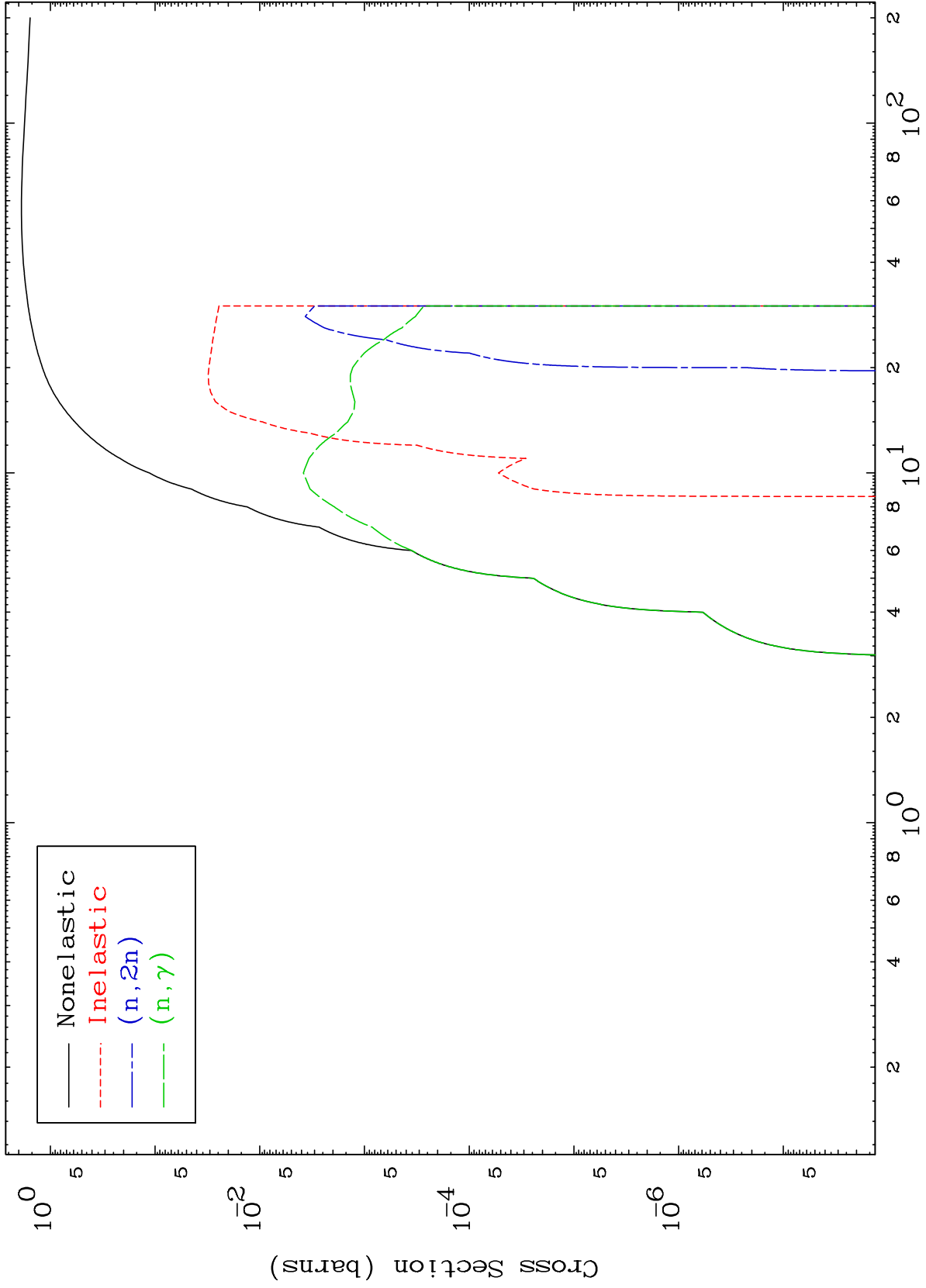
Press Mouse Button to Start

MAT 8181

Proton Major

82-Pb-189m

0 Kelvin Cross Sections



Incident Energy (MeV)

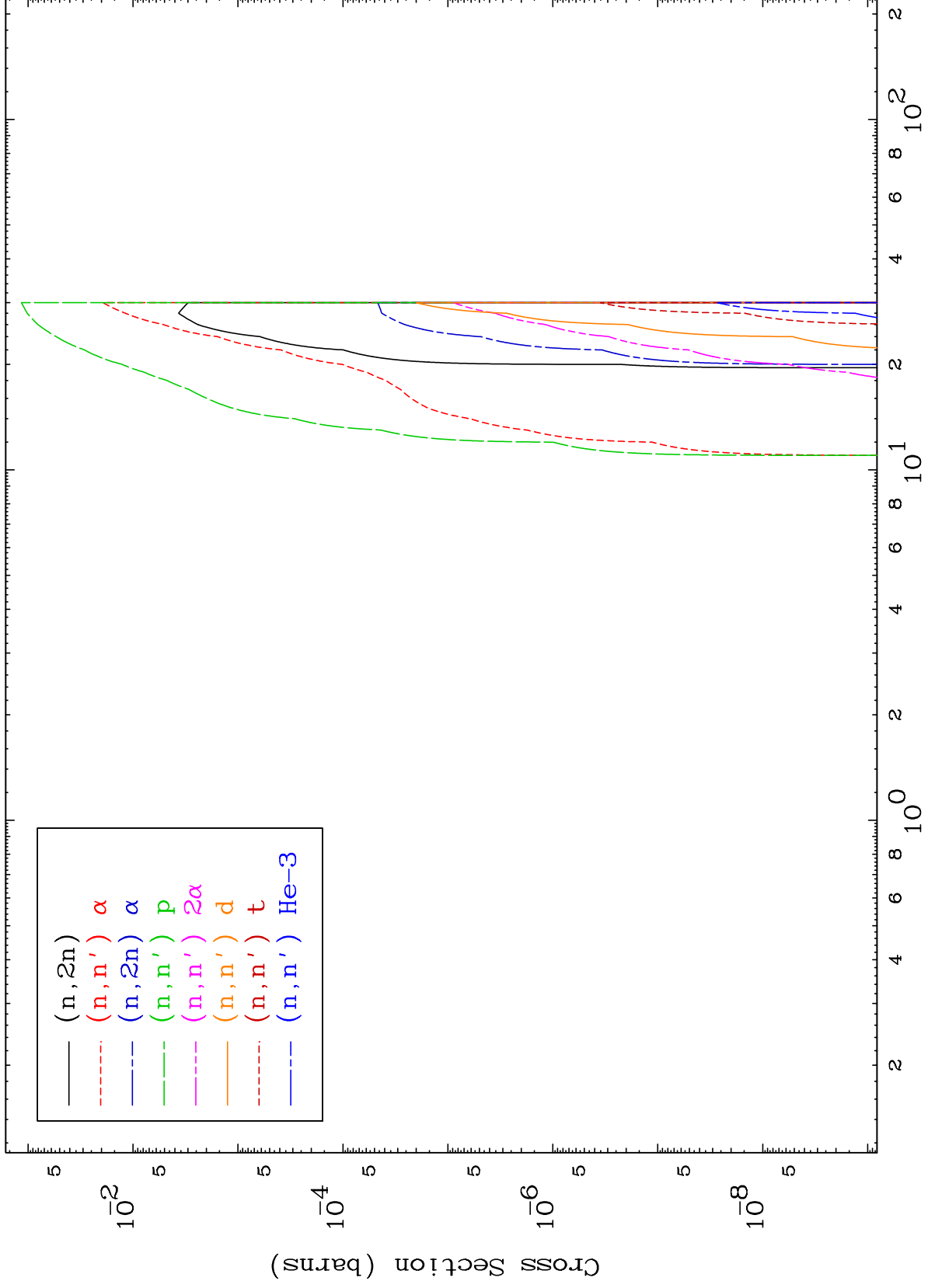
82-Pb-189m

1

MAT 8181

Proton Neutron Absorption
0 Kelvin Cross Sections

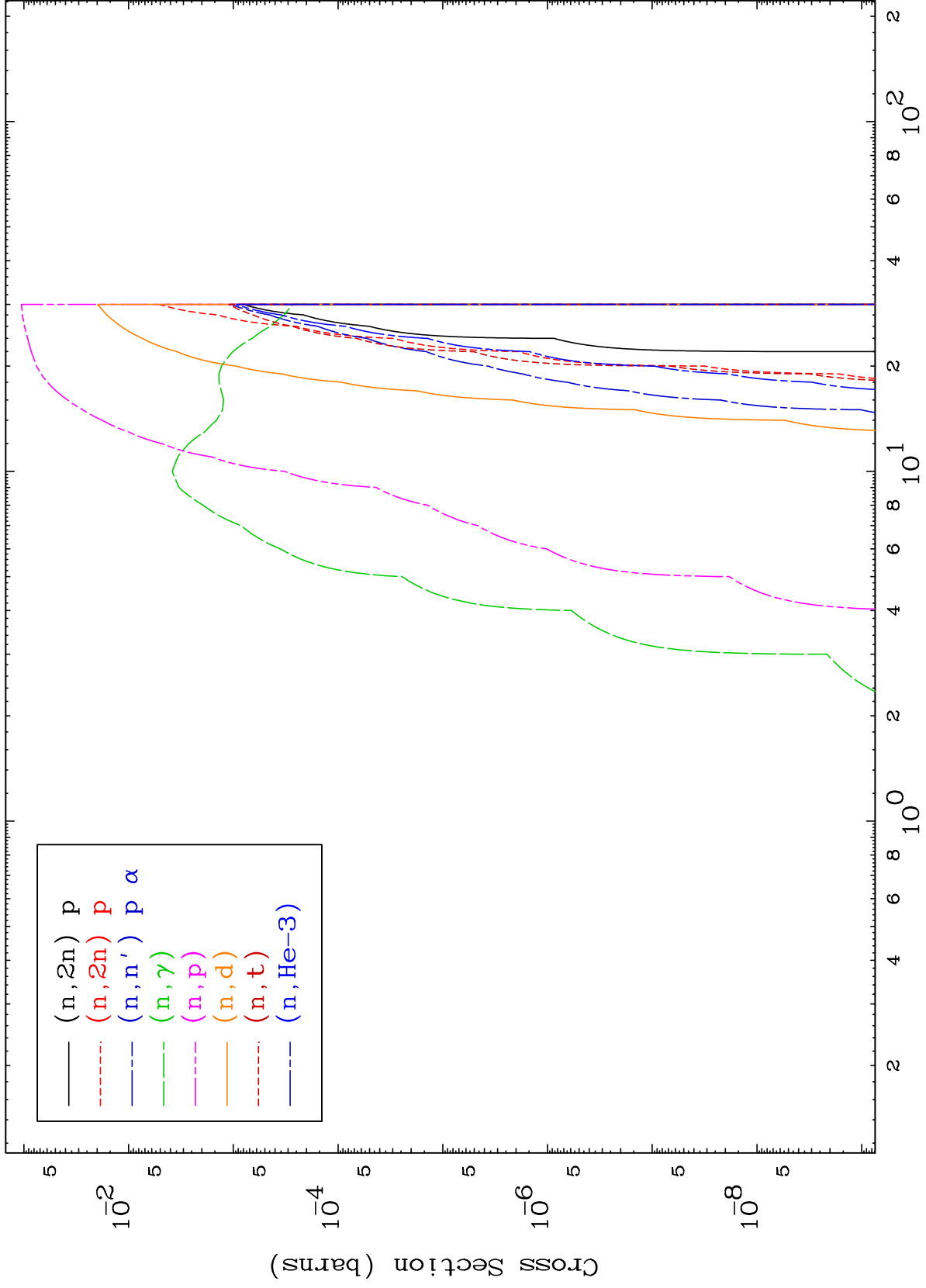
82-Pb-189m



MAT 8181

Proton Neutron Absorption
0 Kelvin Cross Sections

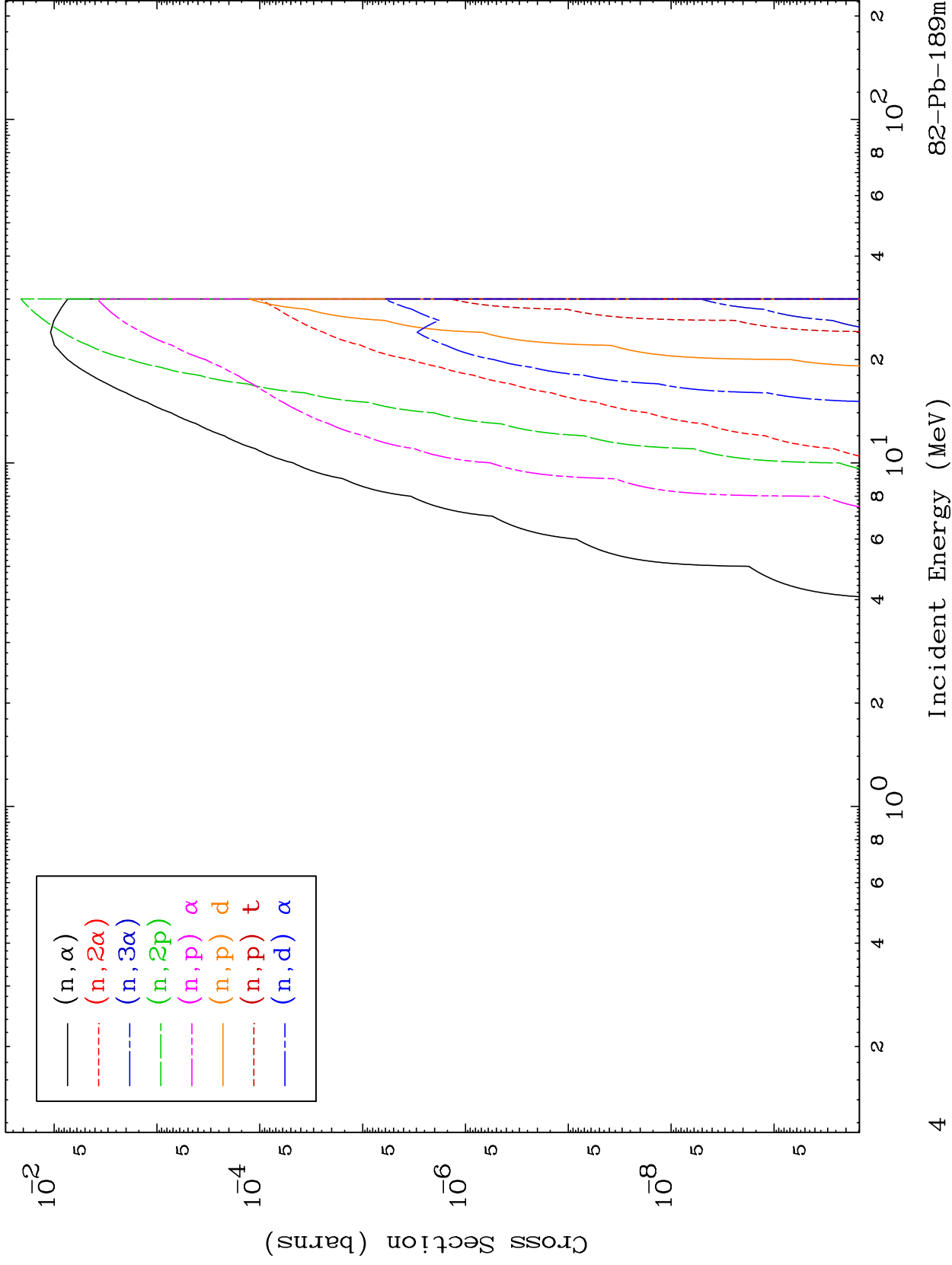
82-Pb-189m



MAT 8181

Proton Neutron Absorption
0 Kelvin Cross Sections

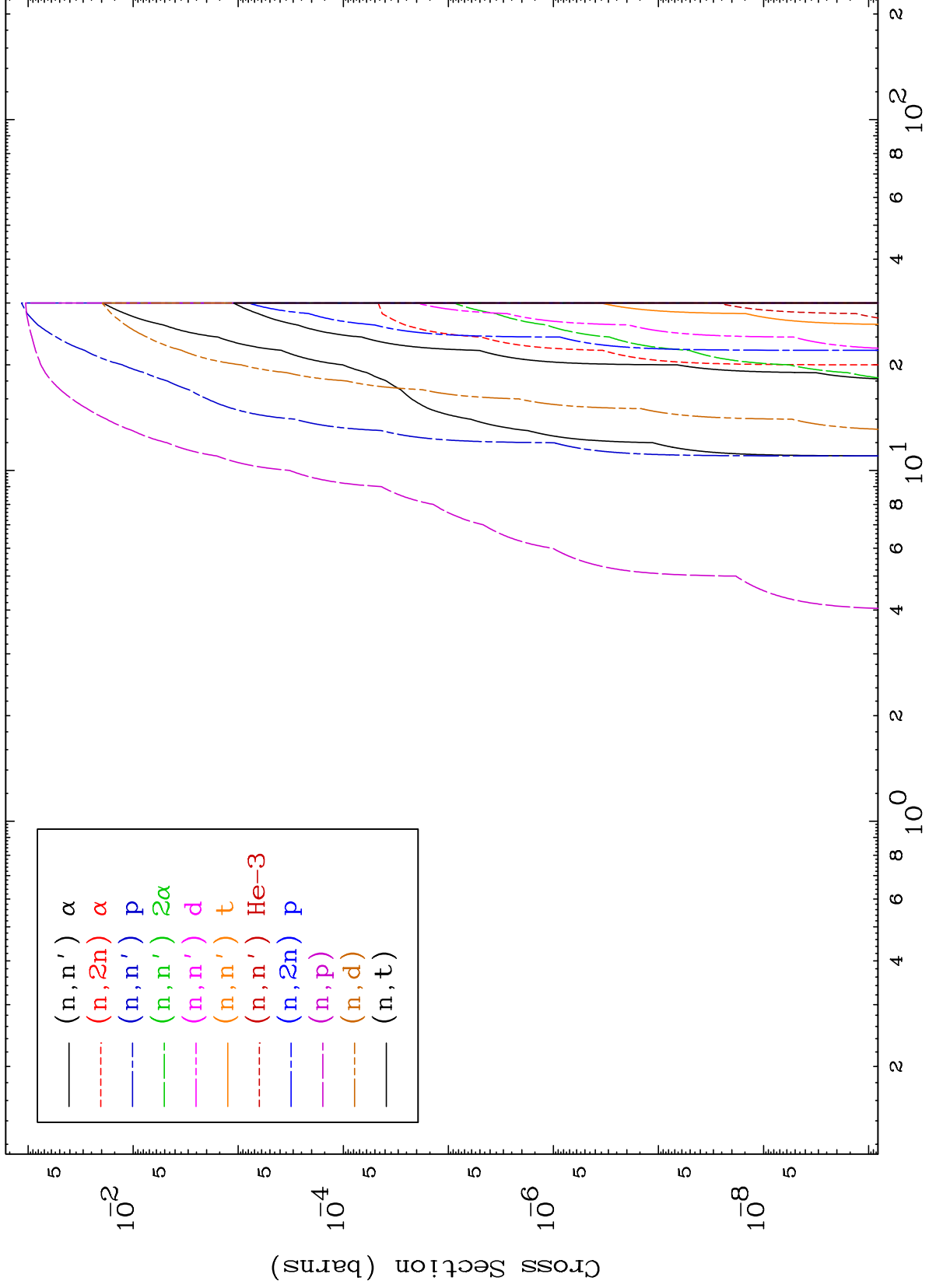
82-Pb-189m



MAT 8181

Proton Charged Particle
0 Kelvin Cross Sections

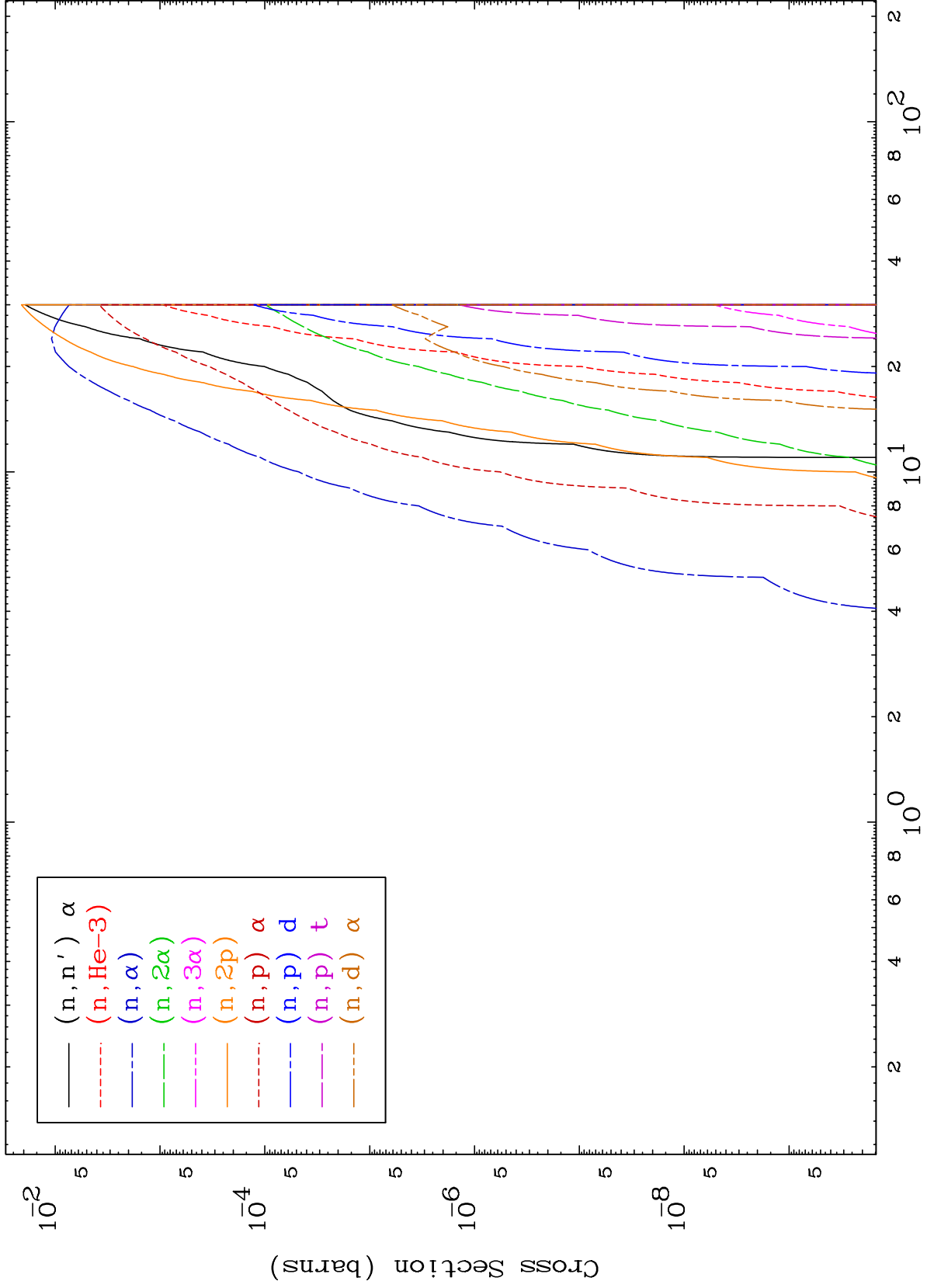
82-Pb-189m



MAT 8181

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-189m

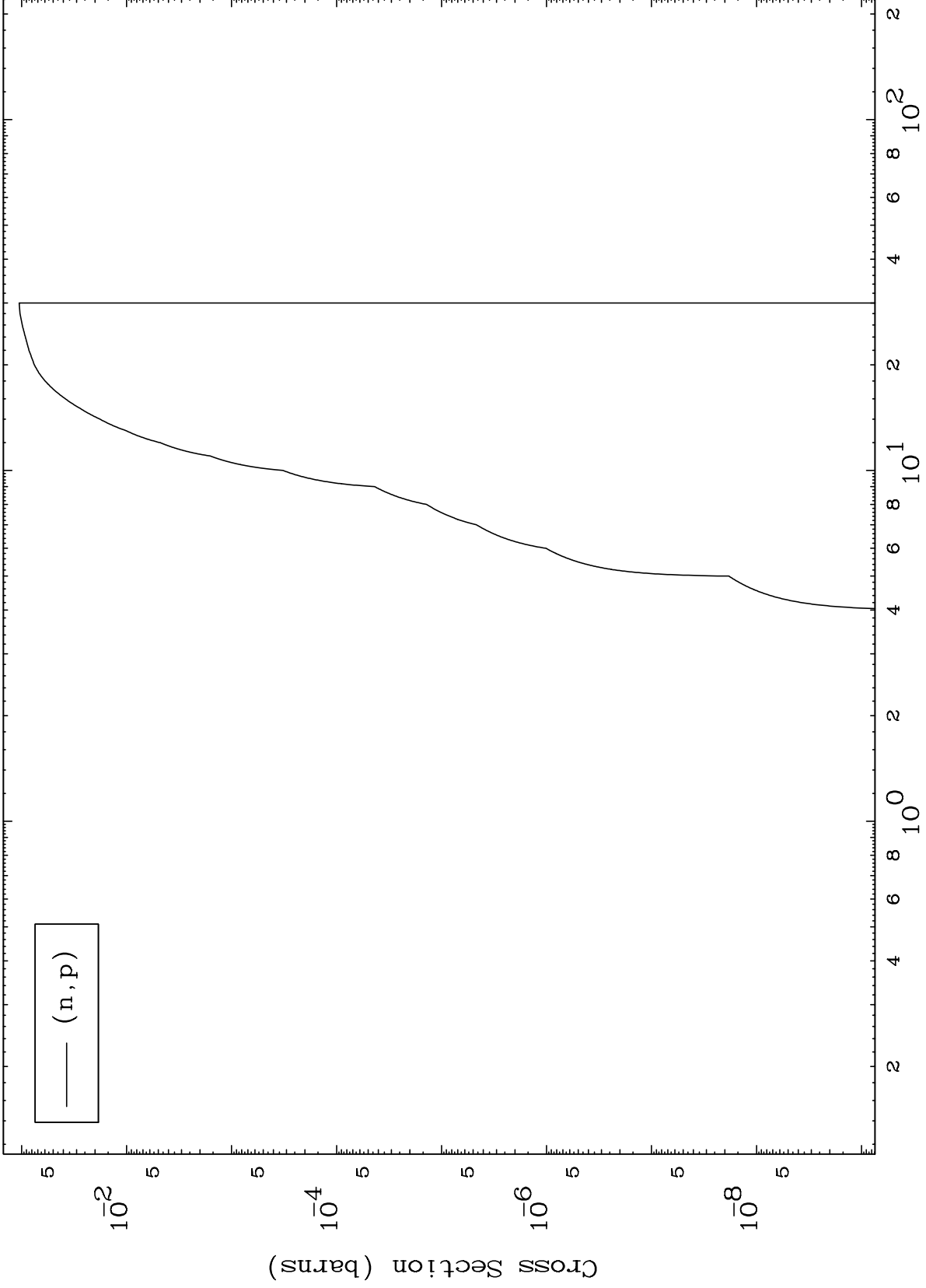


MAT 8181

(p,p) Levels

82-Pb-189m

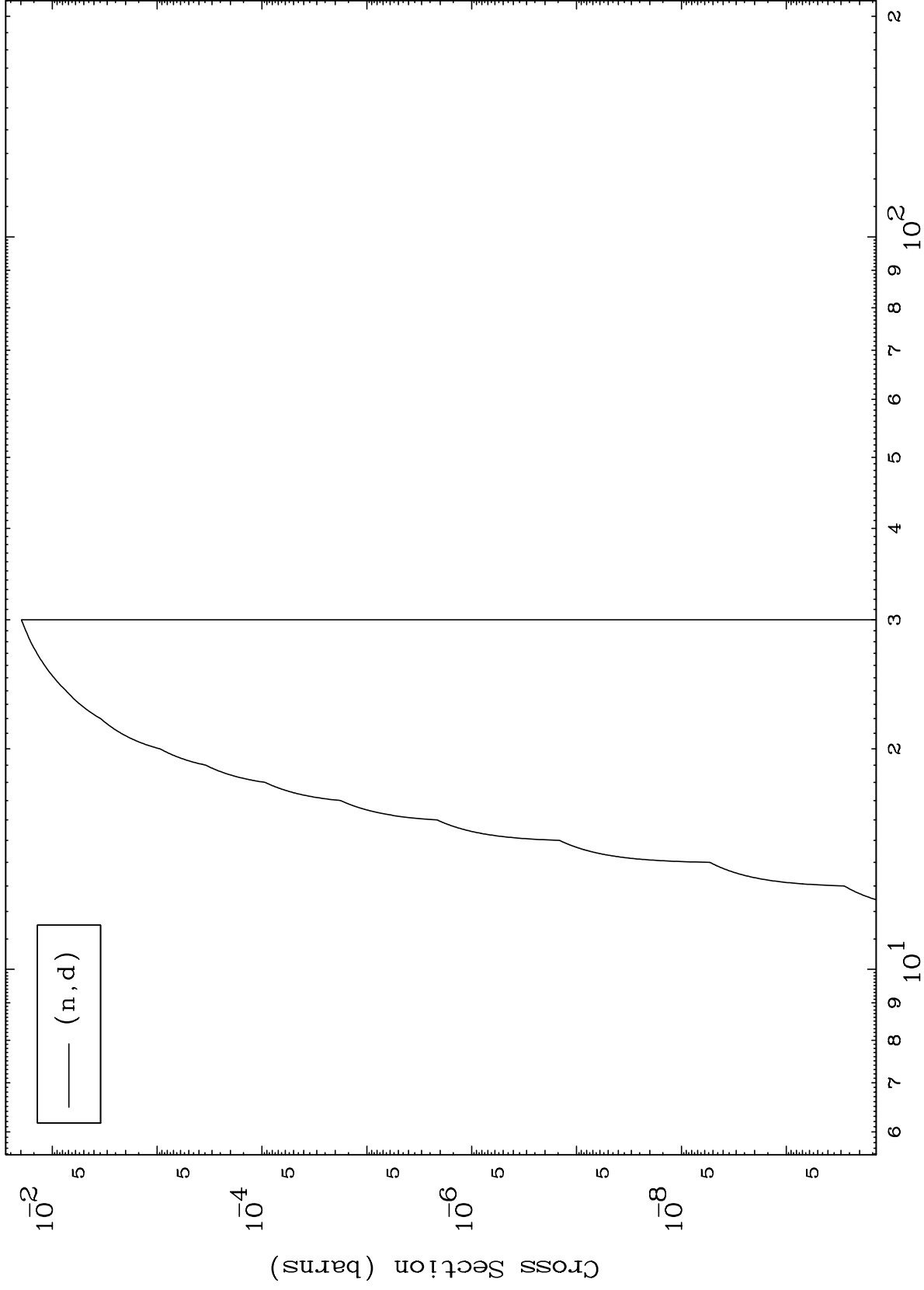
0 Kelvin Cross Sections



MAT 8181

(p,d) Levels
0 Kelvin Cross Sections

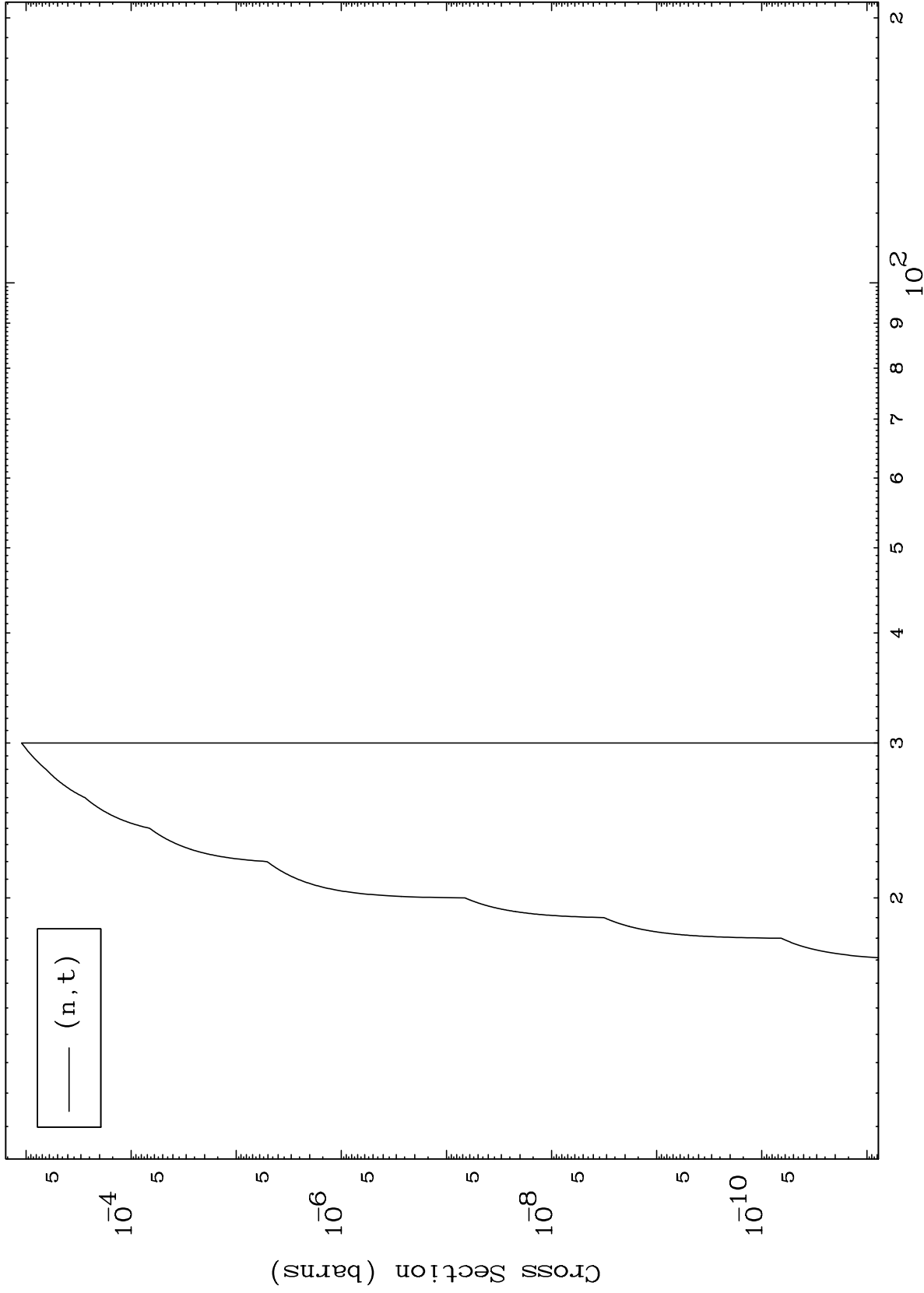
82-Pb-189m



8

Incident Energy (MeV)

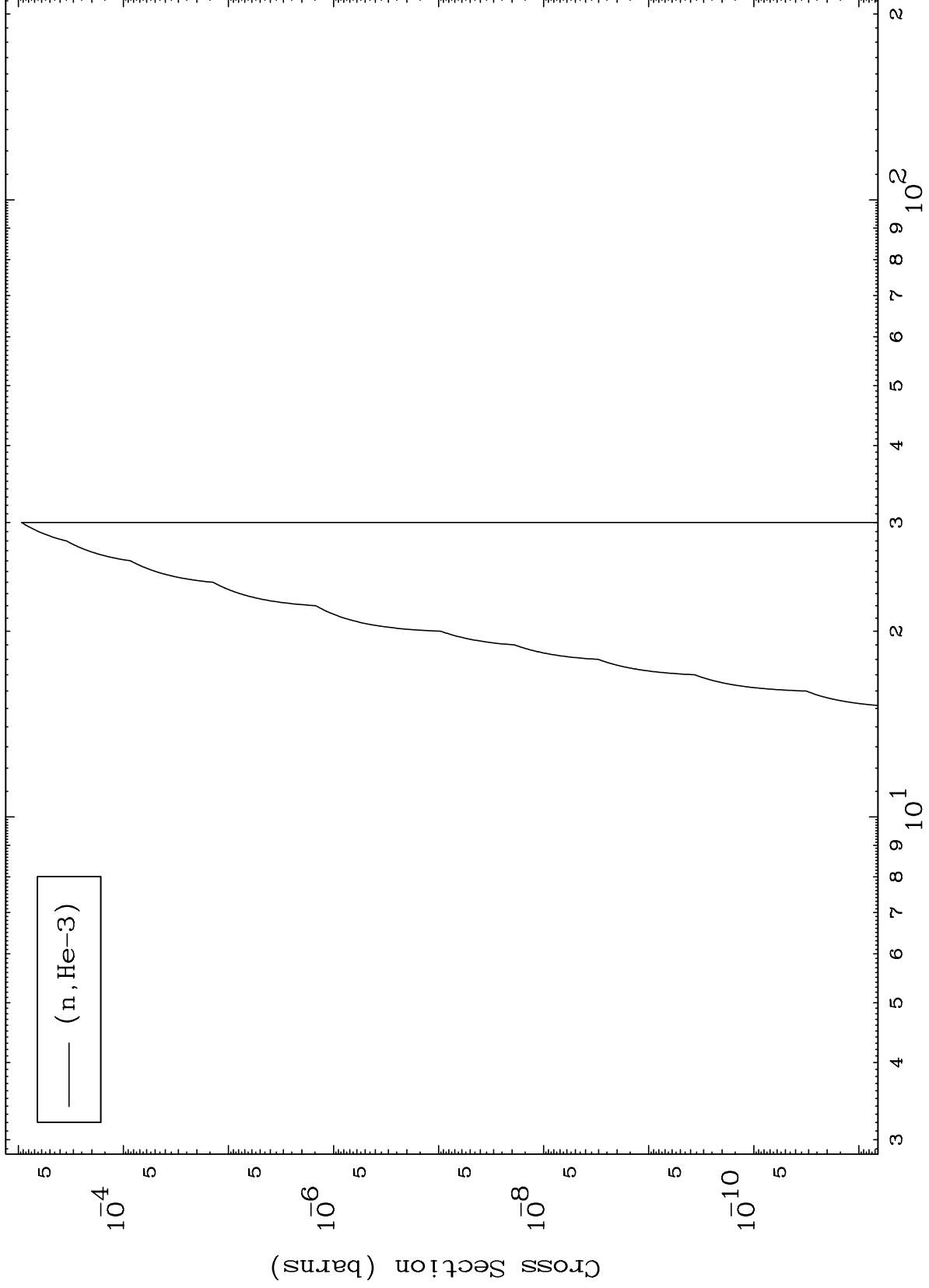
82-Pb-189m



MAT 8181

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-189m



10

Incident Energy (MeV)

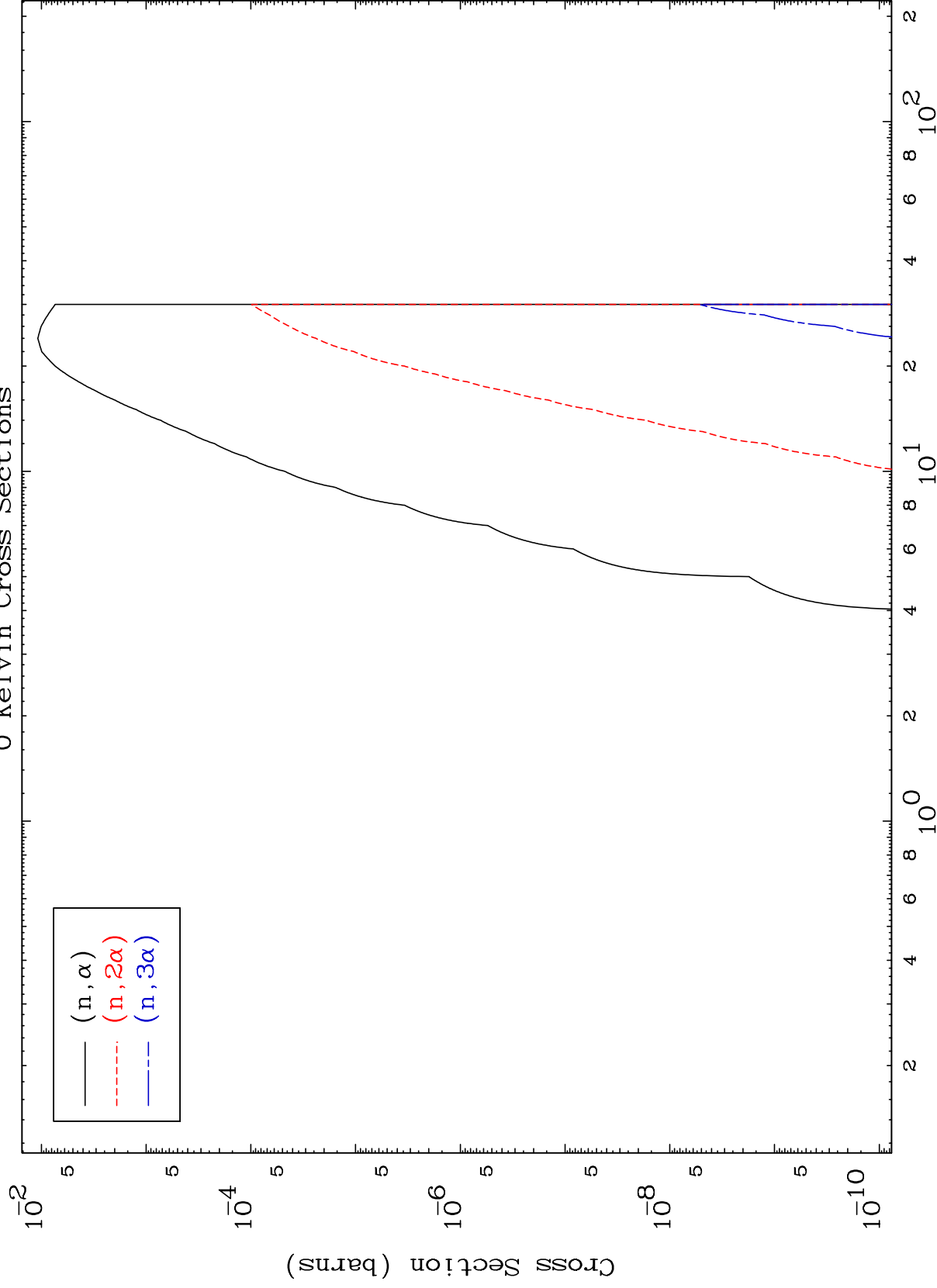
82-Pb-189m

MAT 8181

(p, α) Levels

82-Pb-189m

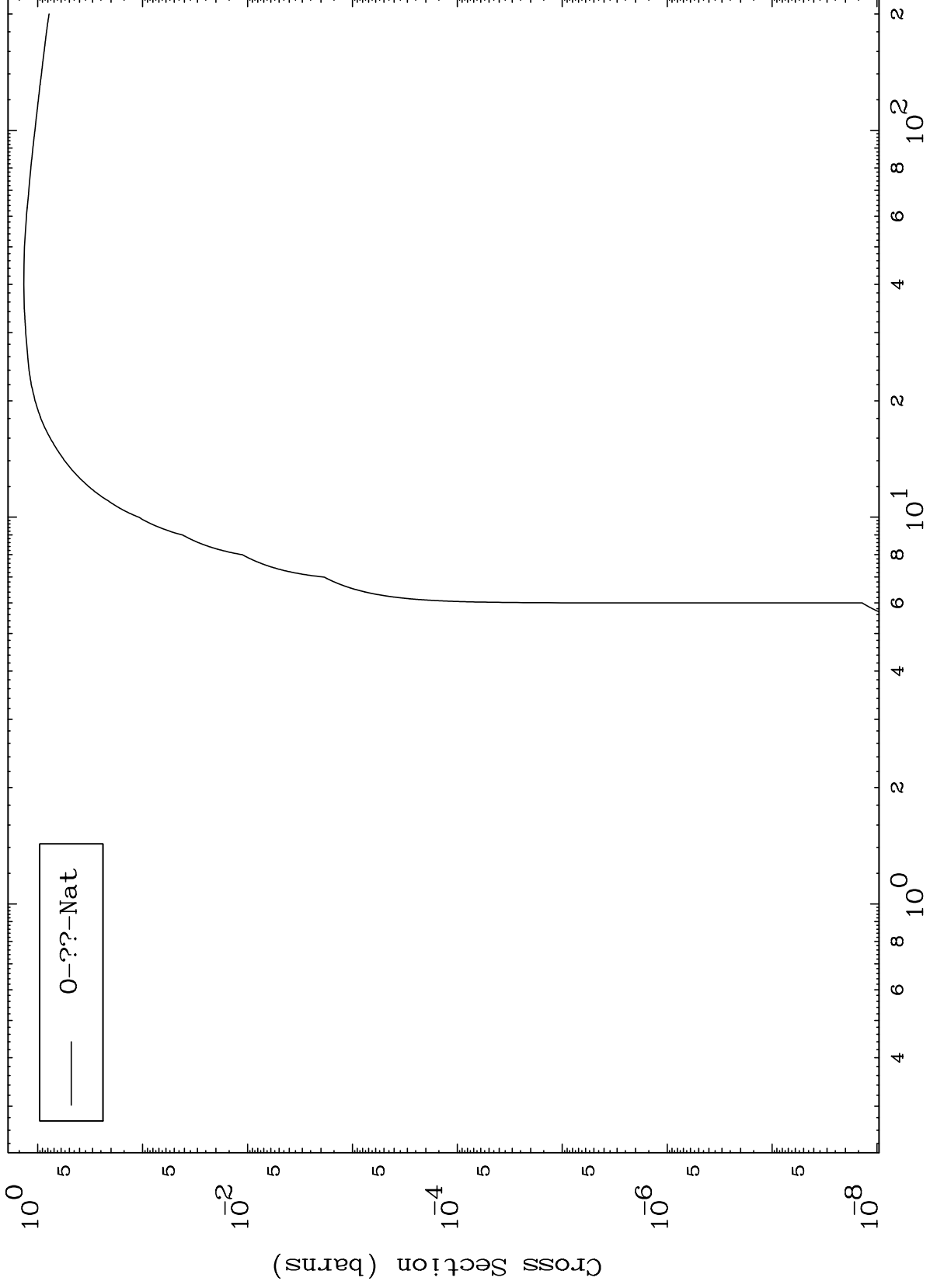
0 Kelvin Cross Sections



MAT 8181

Fission
Radionuclide Production Cross Section

⁸²Pb-189m



12

Incident Energy (MeV)

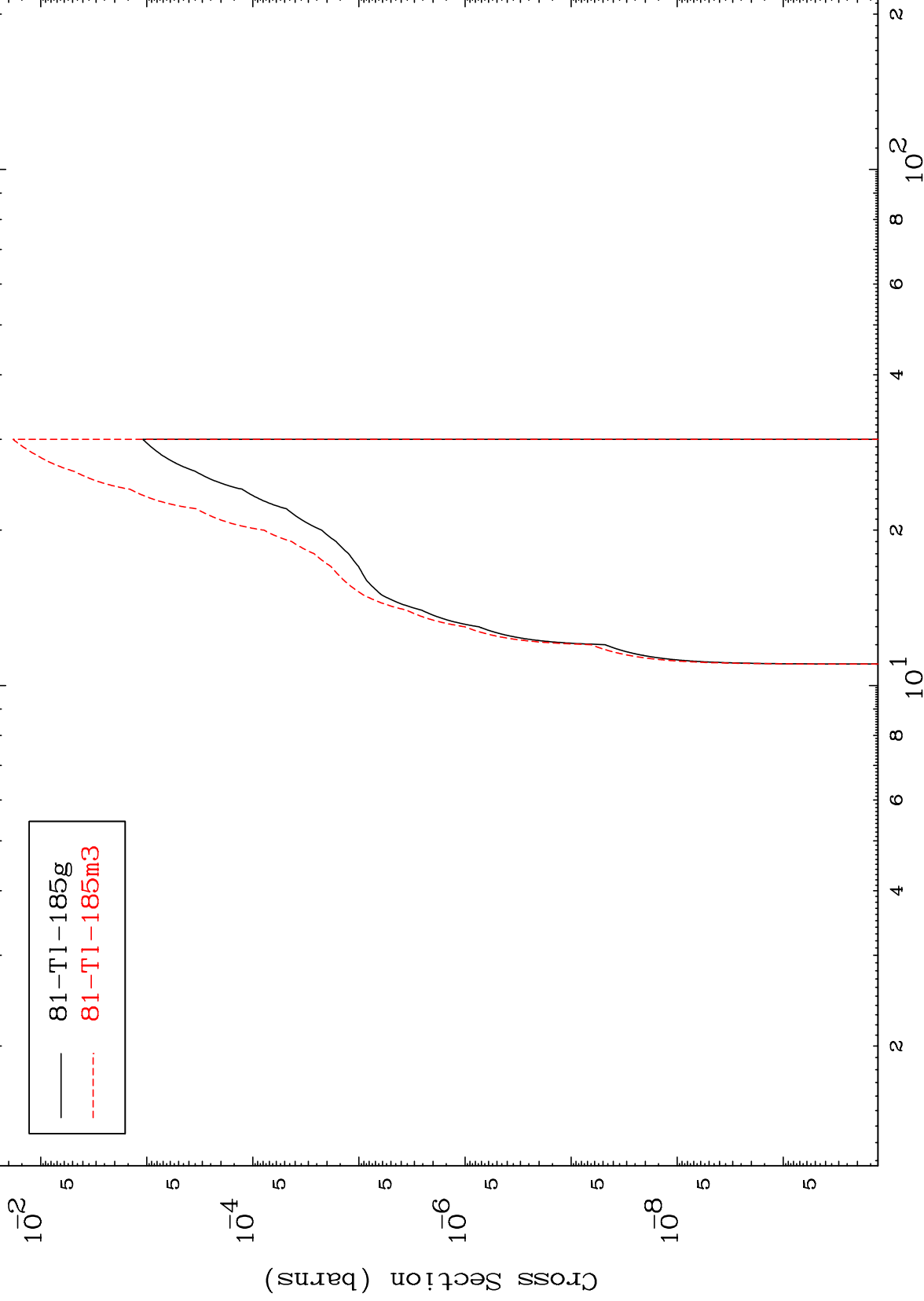
⁸²Pb-189m

MAT 8181

$(n, n') \alpha$

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

Radionuclide Production Cross Section

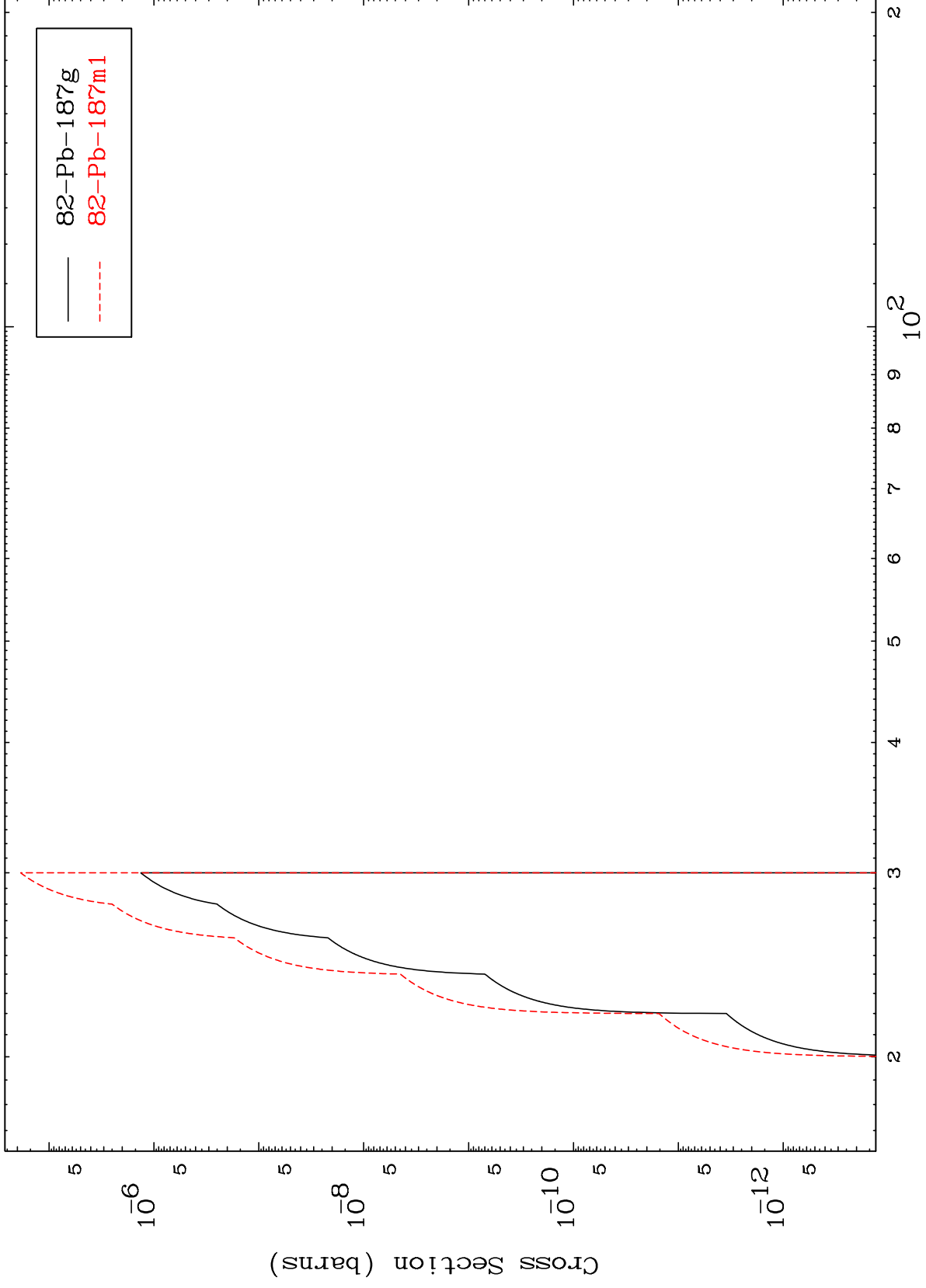


MAT 8181

(n,n') d

82-Pb-189m

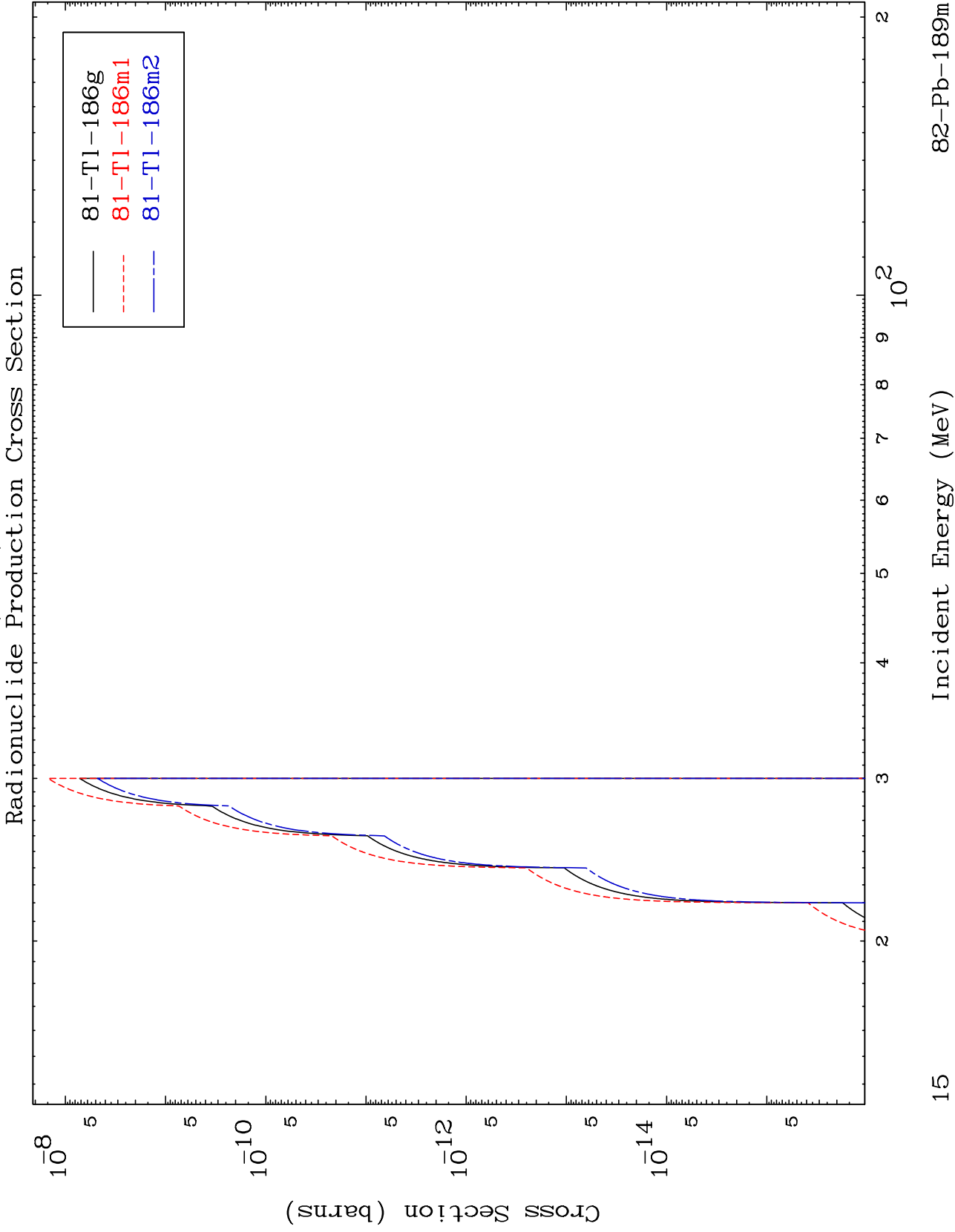
Radionuclide Production Cross Section



14

Incident Energy (MeV)

82-Pb-189m

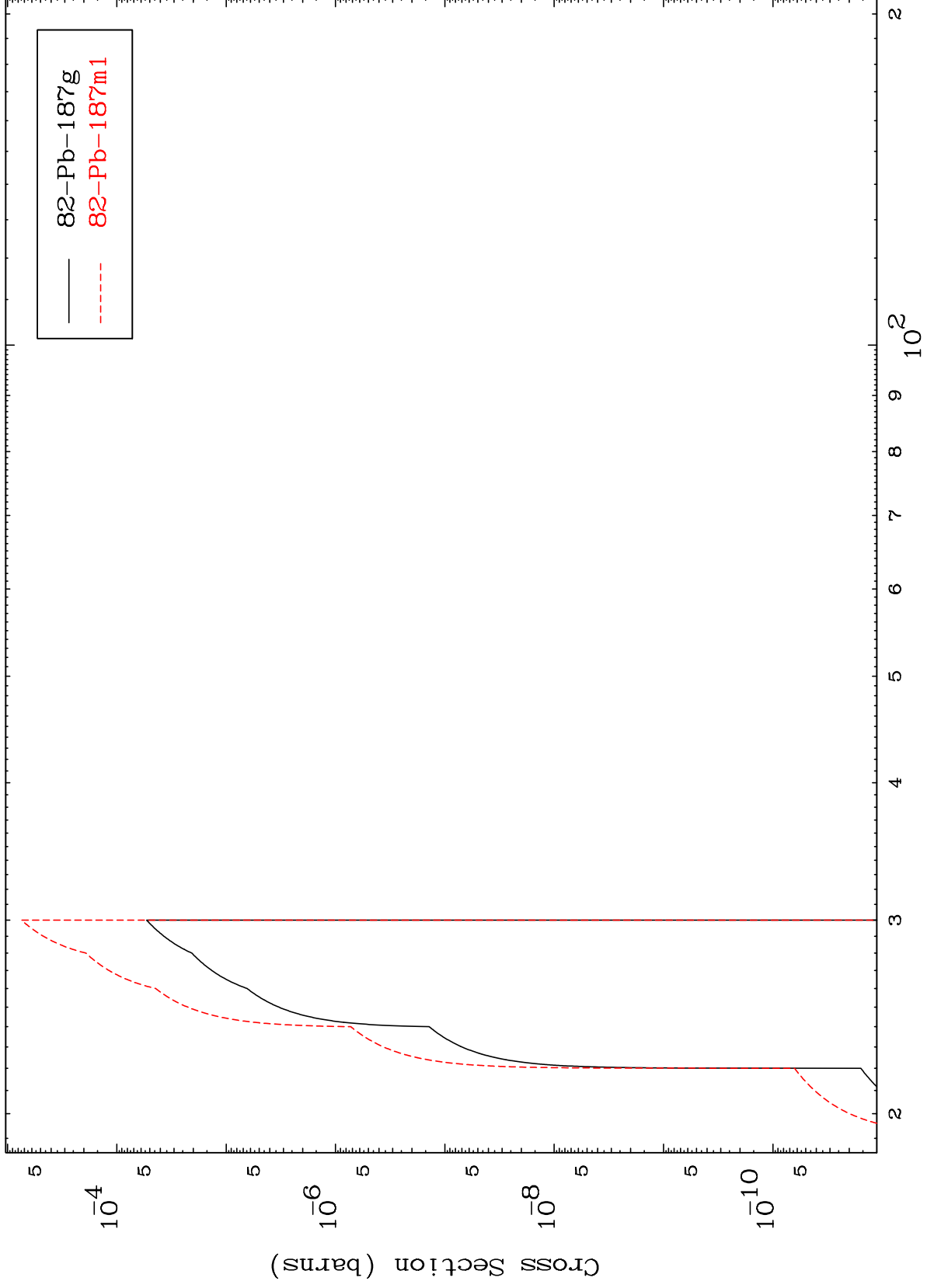


MAT 8181

(n,2n) p

82-Pb-189m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

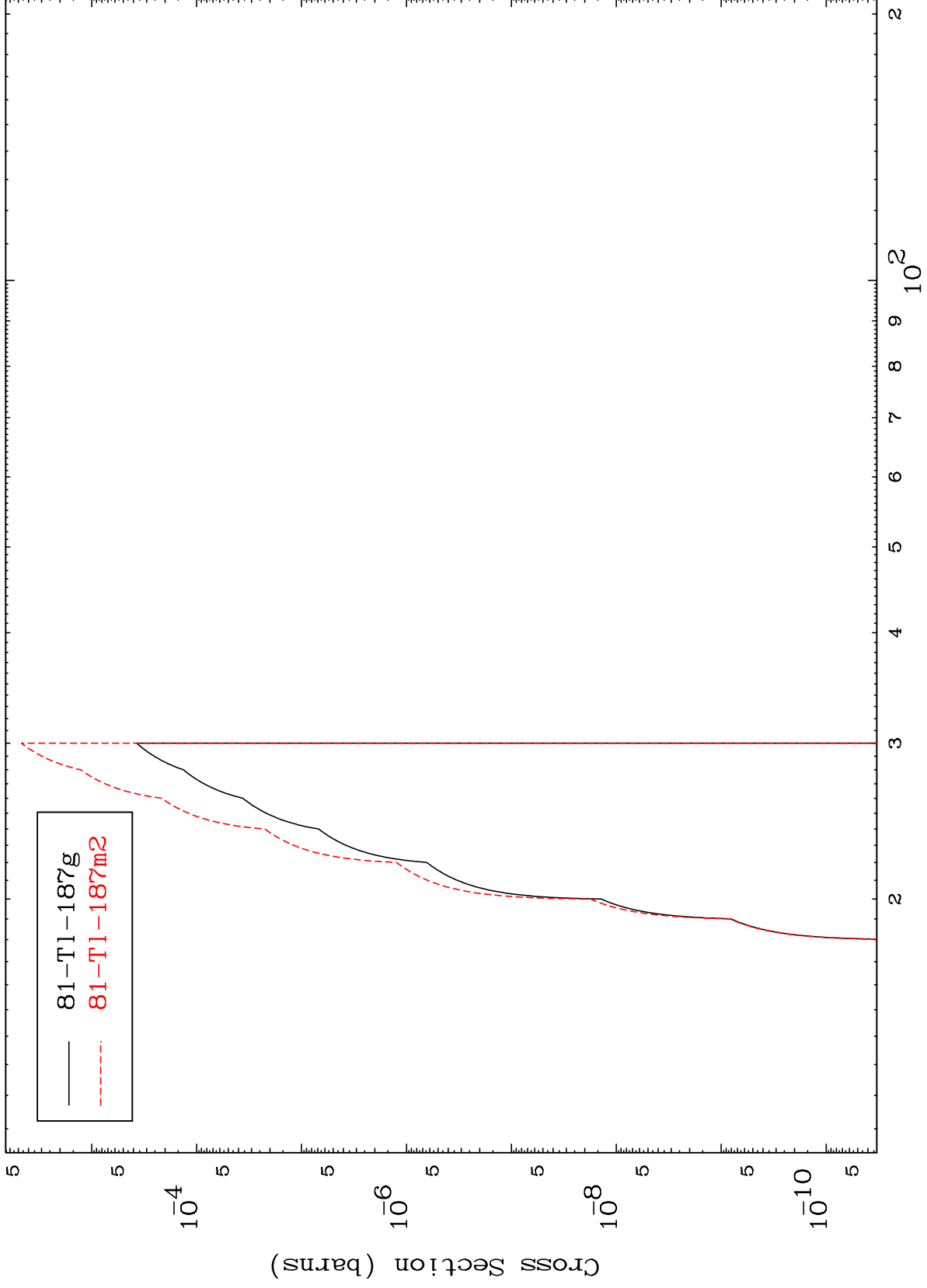
82-Pb-189m

MAT 8181

(n,2n) p

82-Pb-189m

Radionuclide Production Cross Section



17

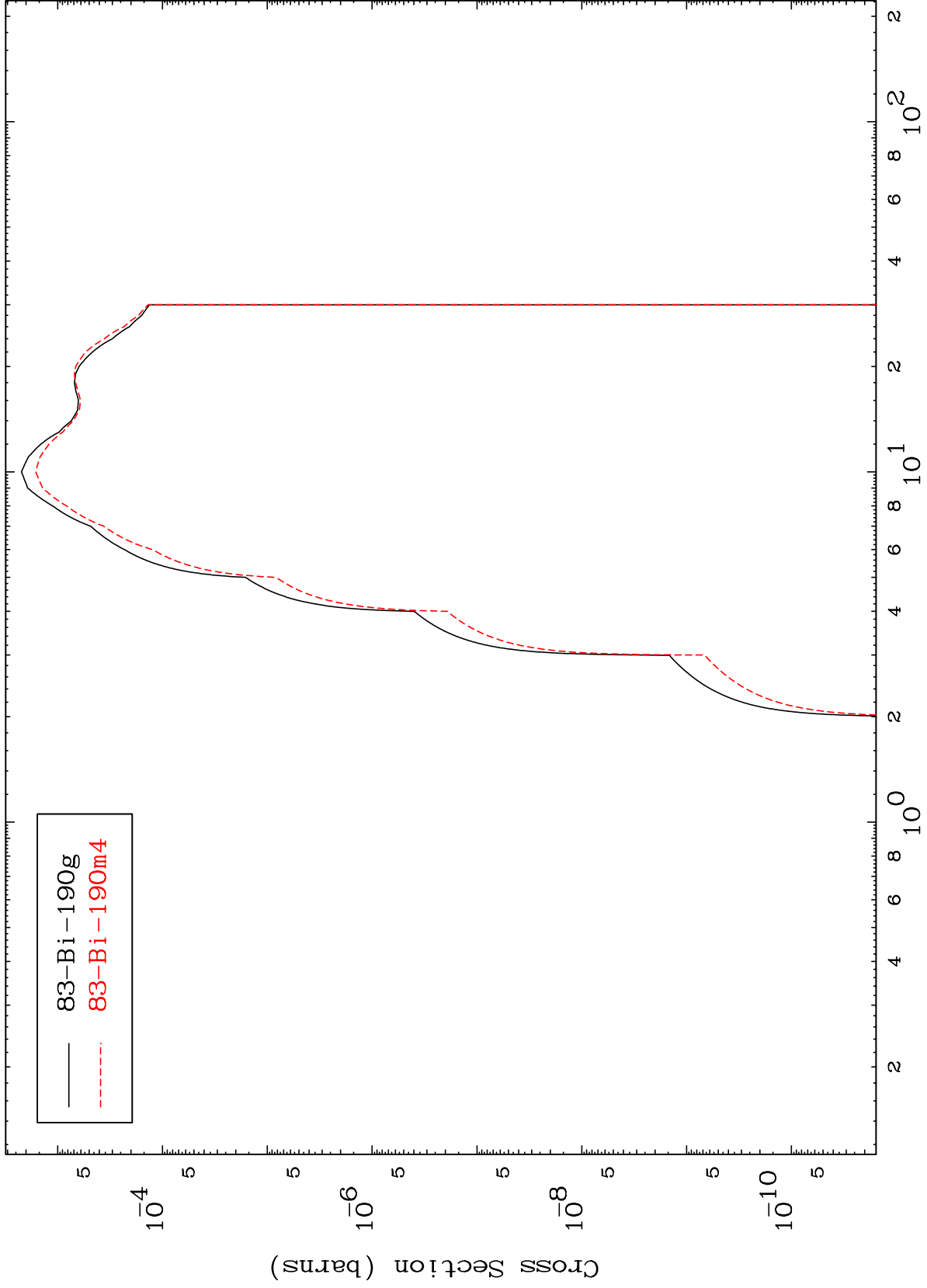
Incident Energy (MeV)

82-Pb-189m

MAT 8181

82-Pb-189m

Radionuclide Production Cross Section
(n, γ)



18

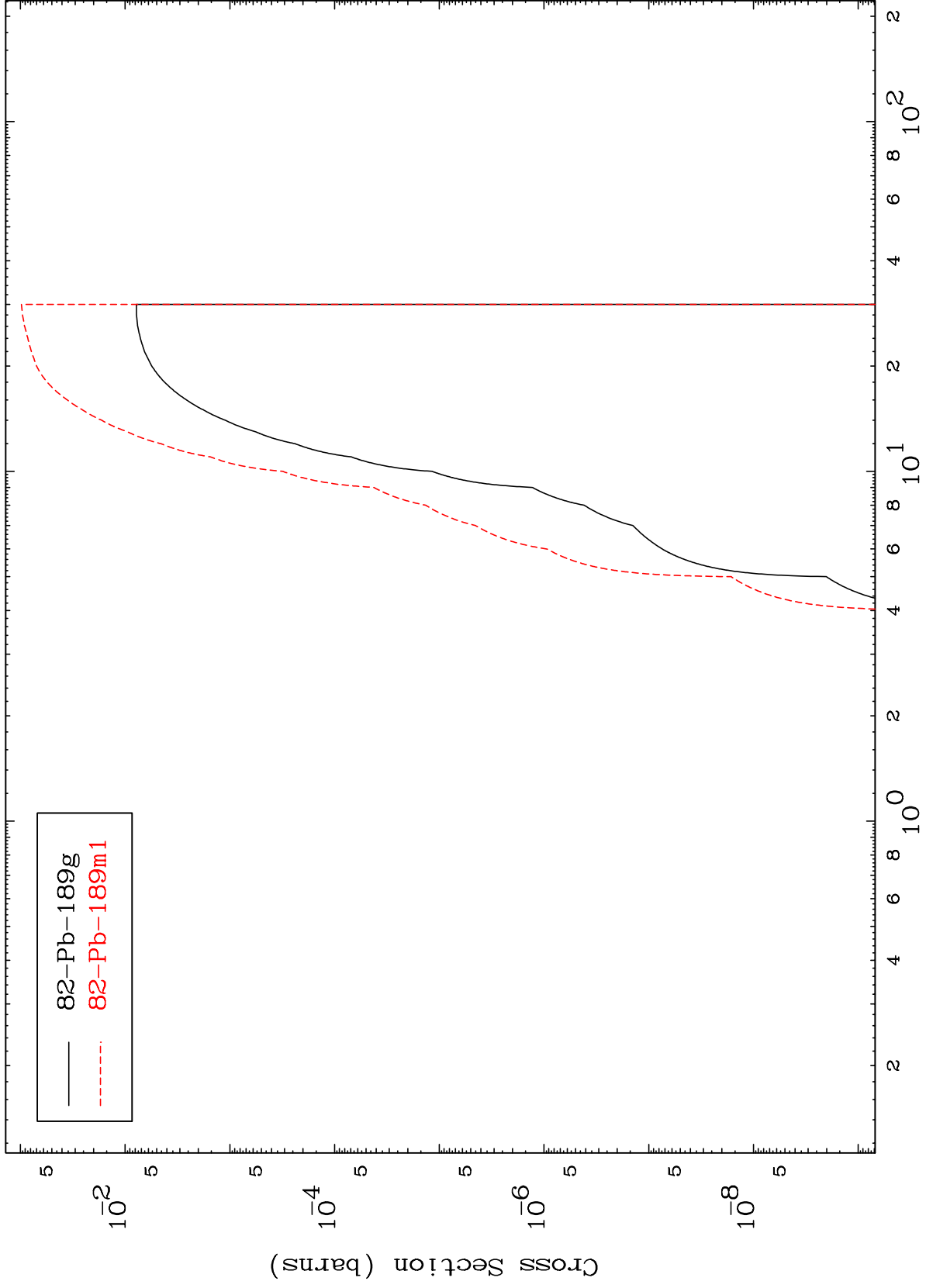
82-Pb-189m

Incident Energy (MeV)

MAT 8181

⁸²Pb-189m

(n,p)
Radionuclide Production Cross Section

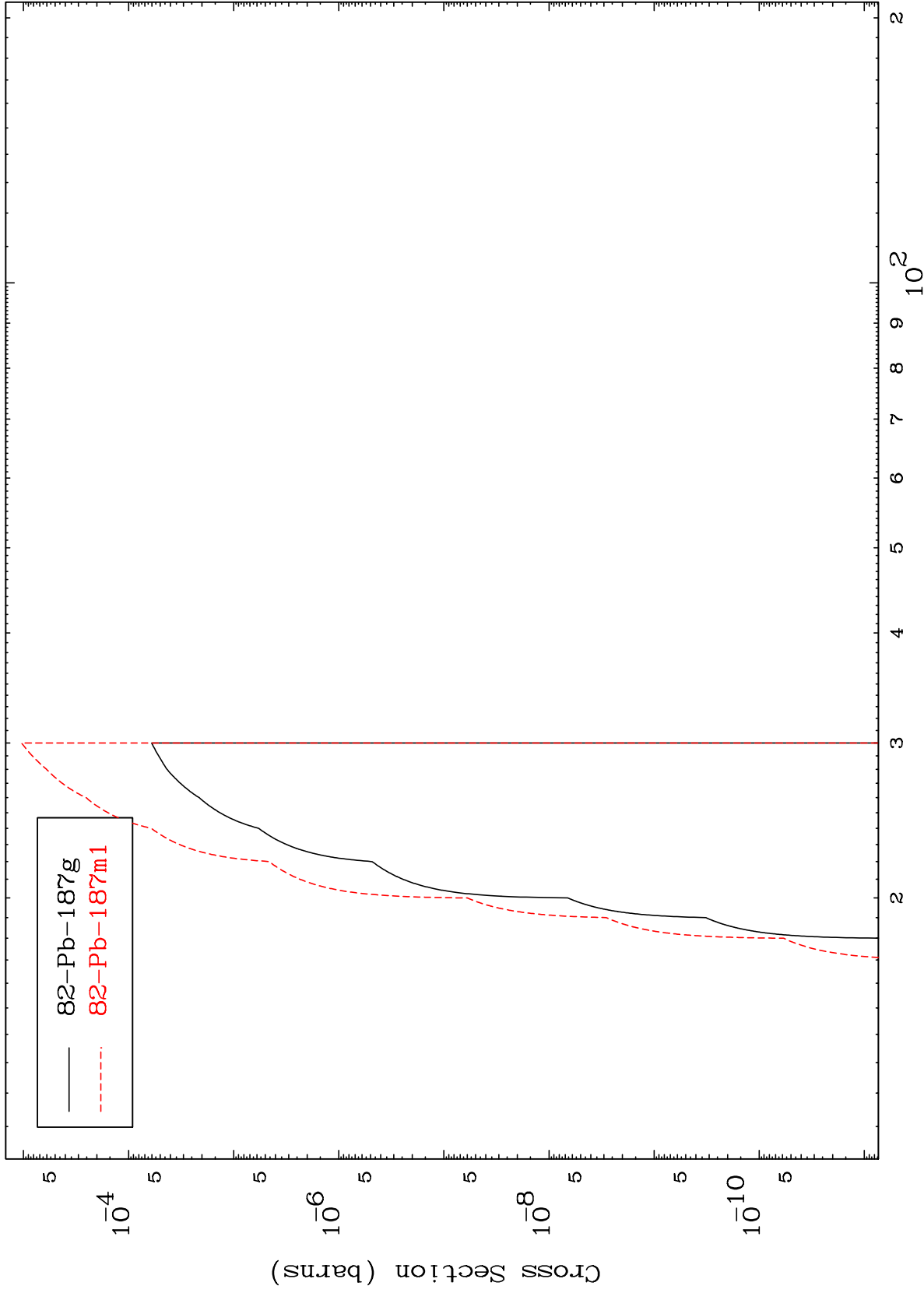


— 82-Pb-189g
- - - 82-Pb-189m1

MAT 8181

⁸²Pb-189m

(n, t)
Radionuclide Production Cross Section



20

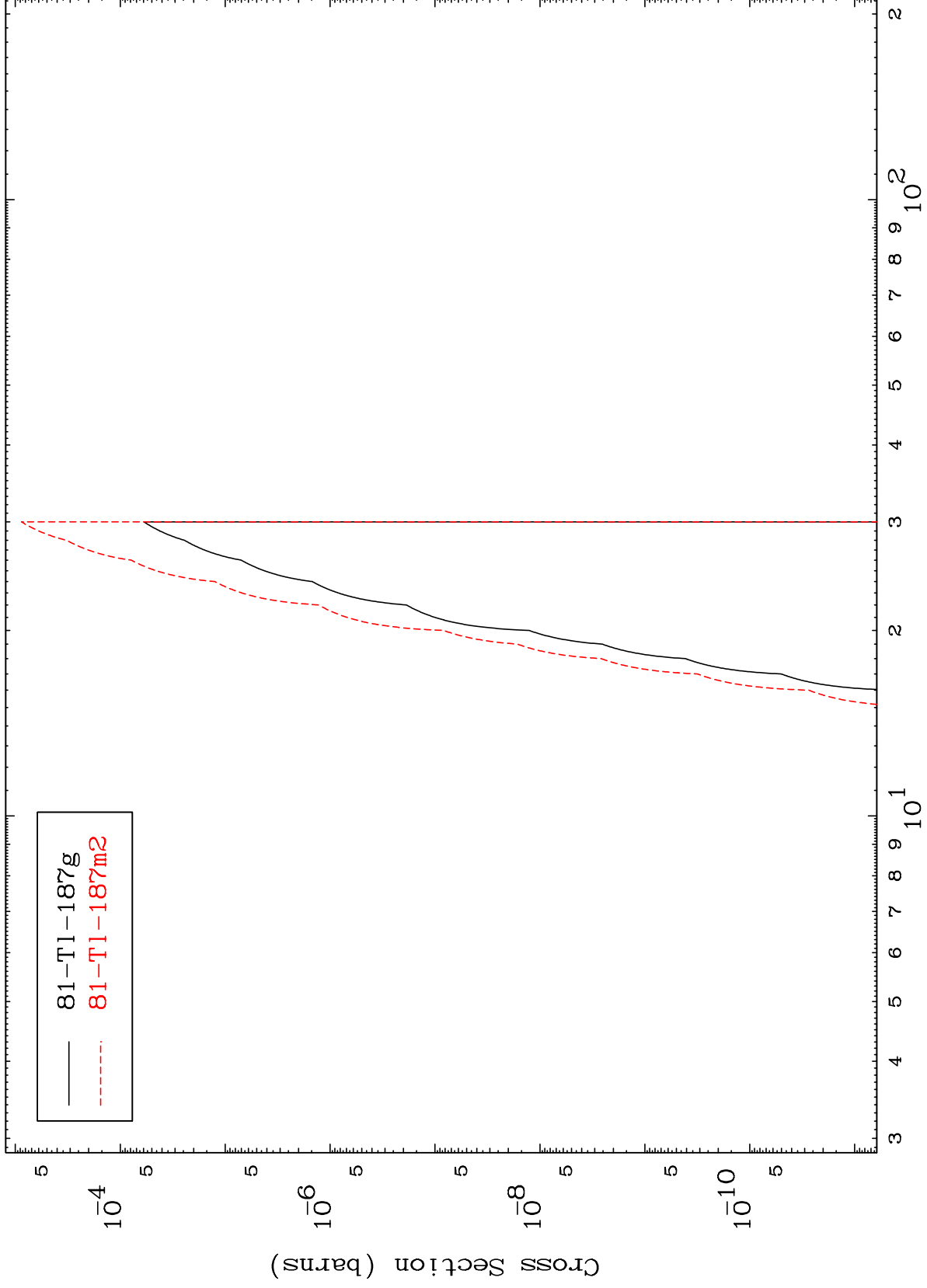
⁸²Pb-189m

MAT 8181

(n,He-3)

82-Pb-189m

Radionuclide Production Cross Section



21

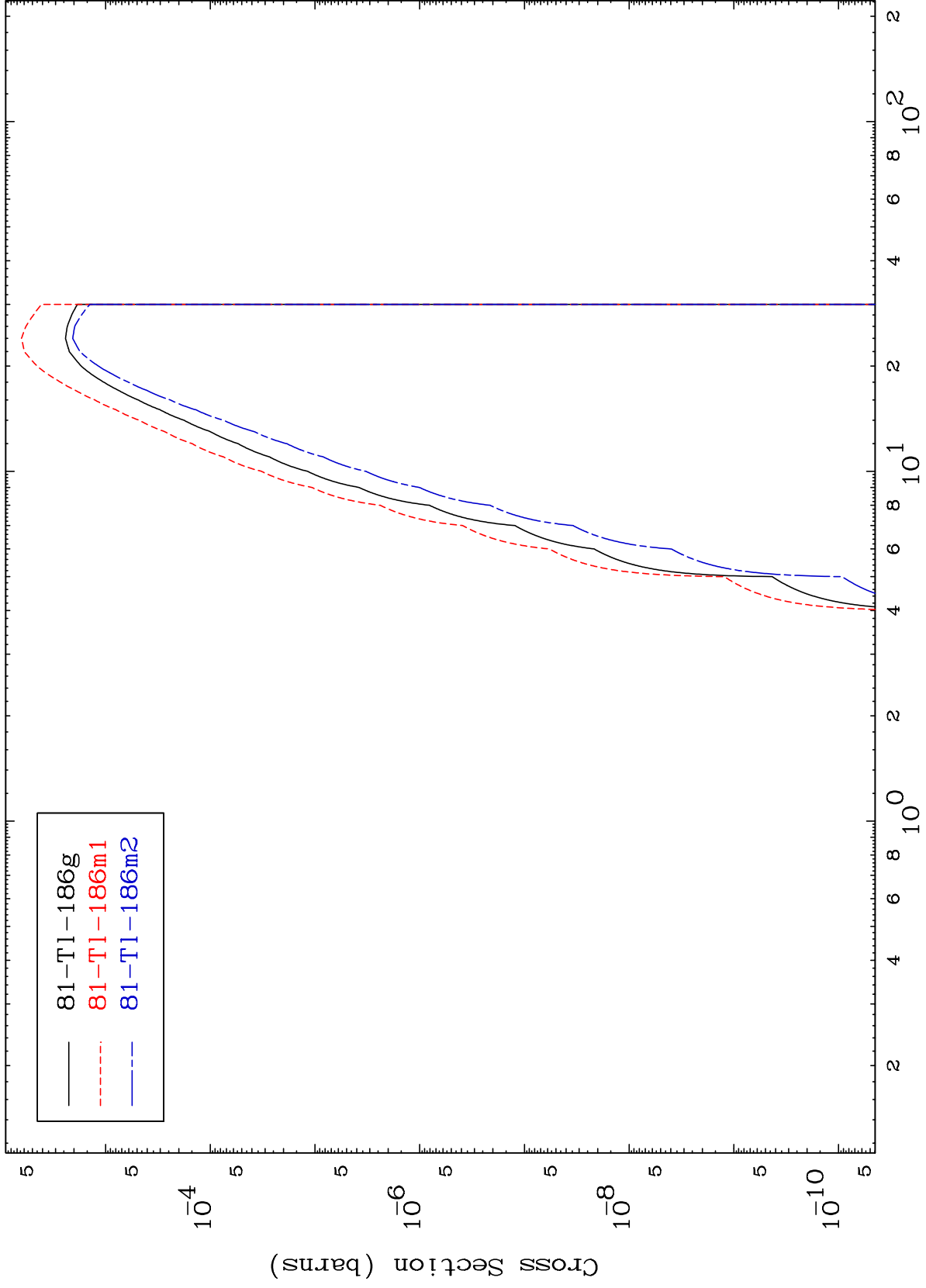
Incident Energy (MeV)

82-Pb-189m

MAT 8181

⁸²Pb-189m

Radionuclide Production Cross Section
(n, α)



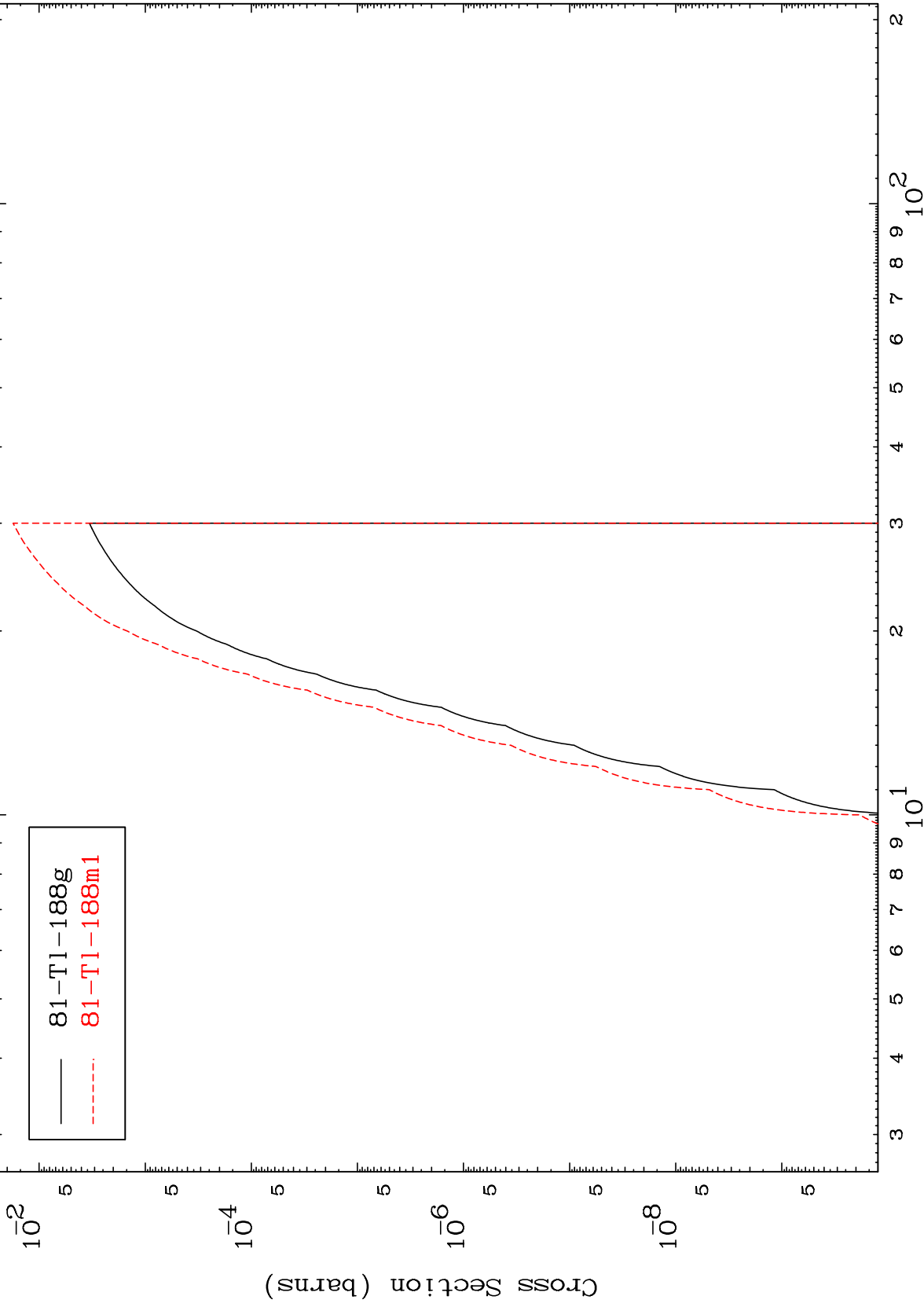
⁸²Pb-189m

Incident Energy (MeV)

MAT 8181

82-Pb-189m

(n,2p)
Radionuclide Production Cross Section



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

Incident Energy (MeV)

82-Pb-189m

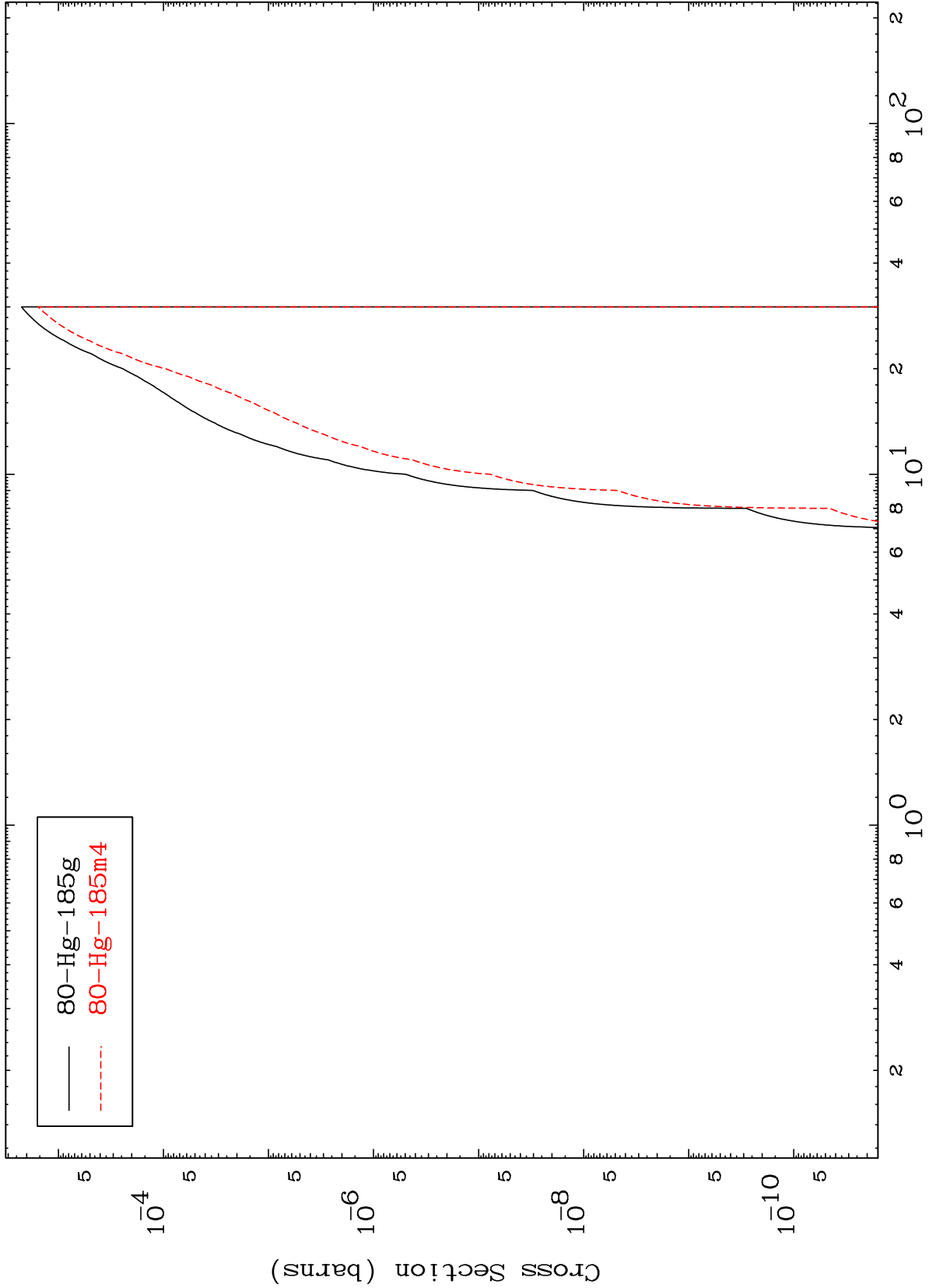
23

MAT 8181

(n,p) α

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

Radionuclide Production Cross Section

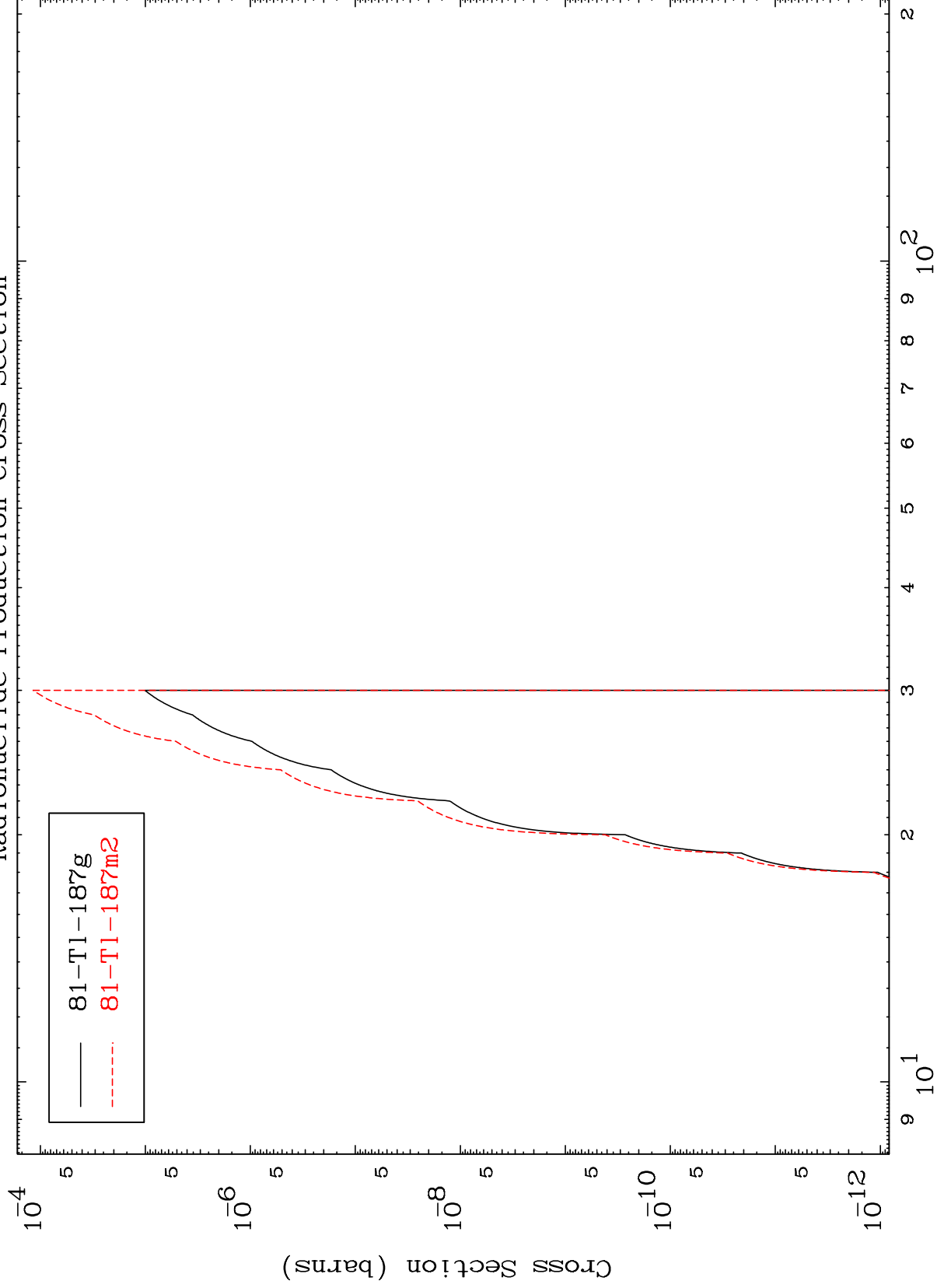


MAT 8181

(n,p) d

82-Pb-189m

Radionuclide Production Cross Section



25

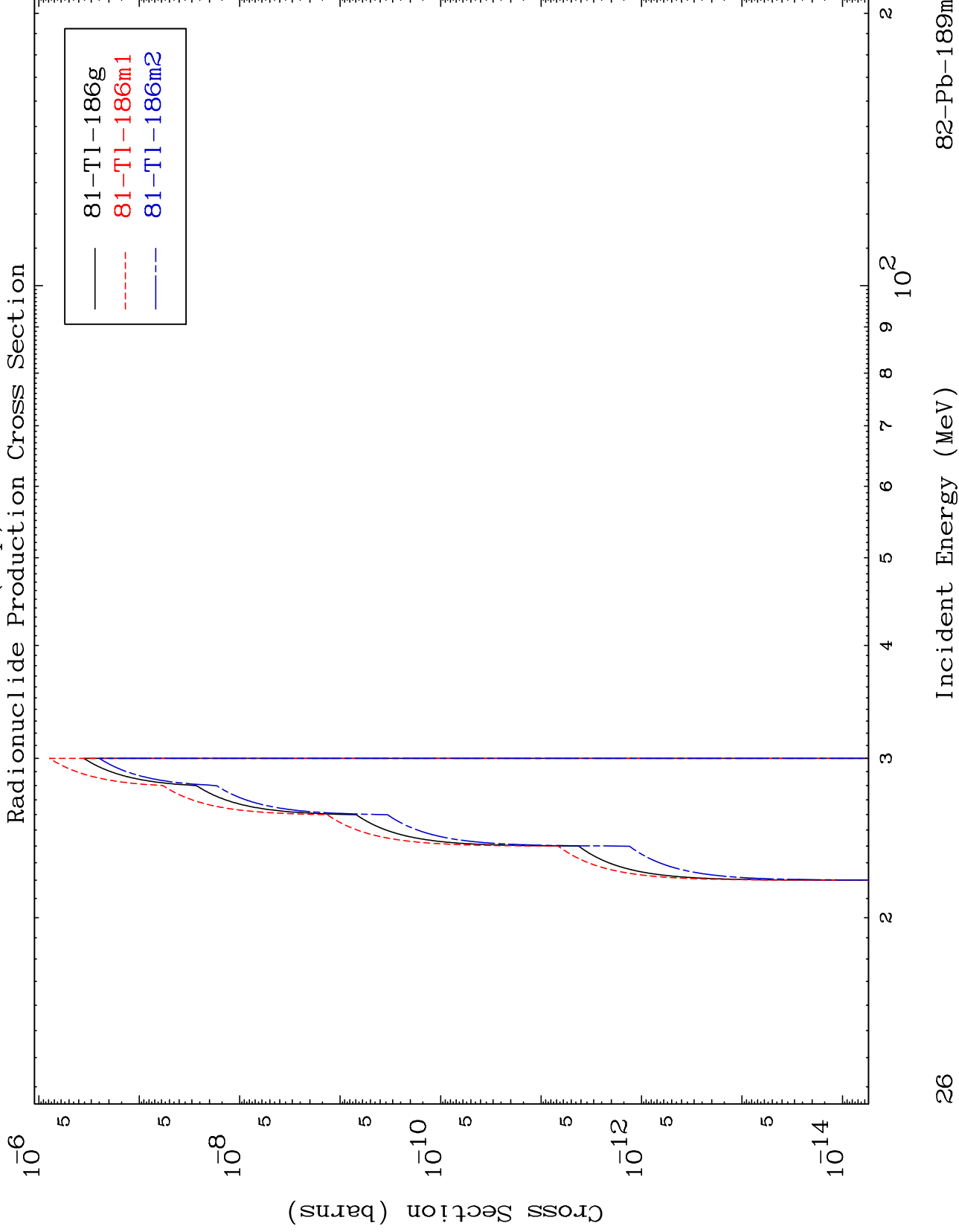
Incident Energy (MeV)

82-Pb-189m

MAT 8181

(n,p) t

82-Pb-189m



26

82-Pb-189m