

Program EVALPLOT
(Version 2021-1)

by

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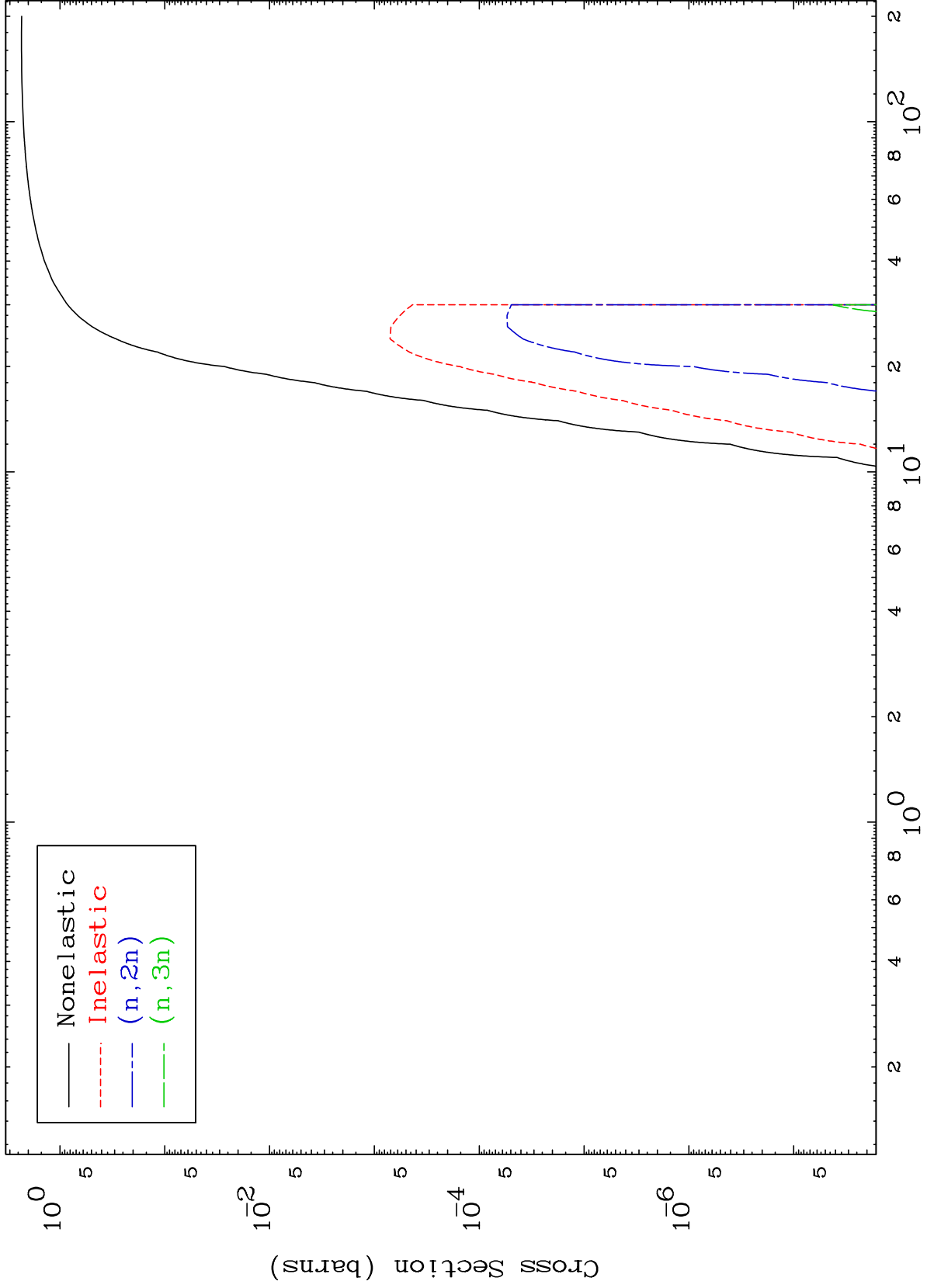
Press Mouse Button to Start

MAT 8181

He-3 Major

82-Pb-189m

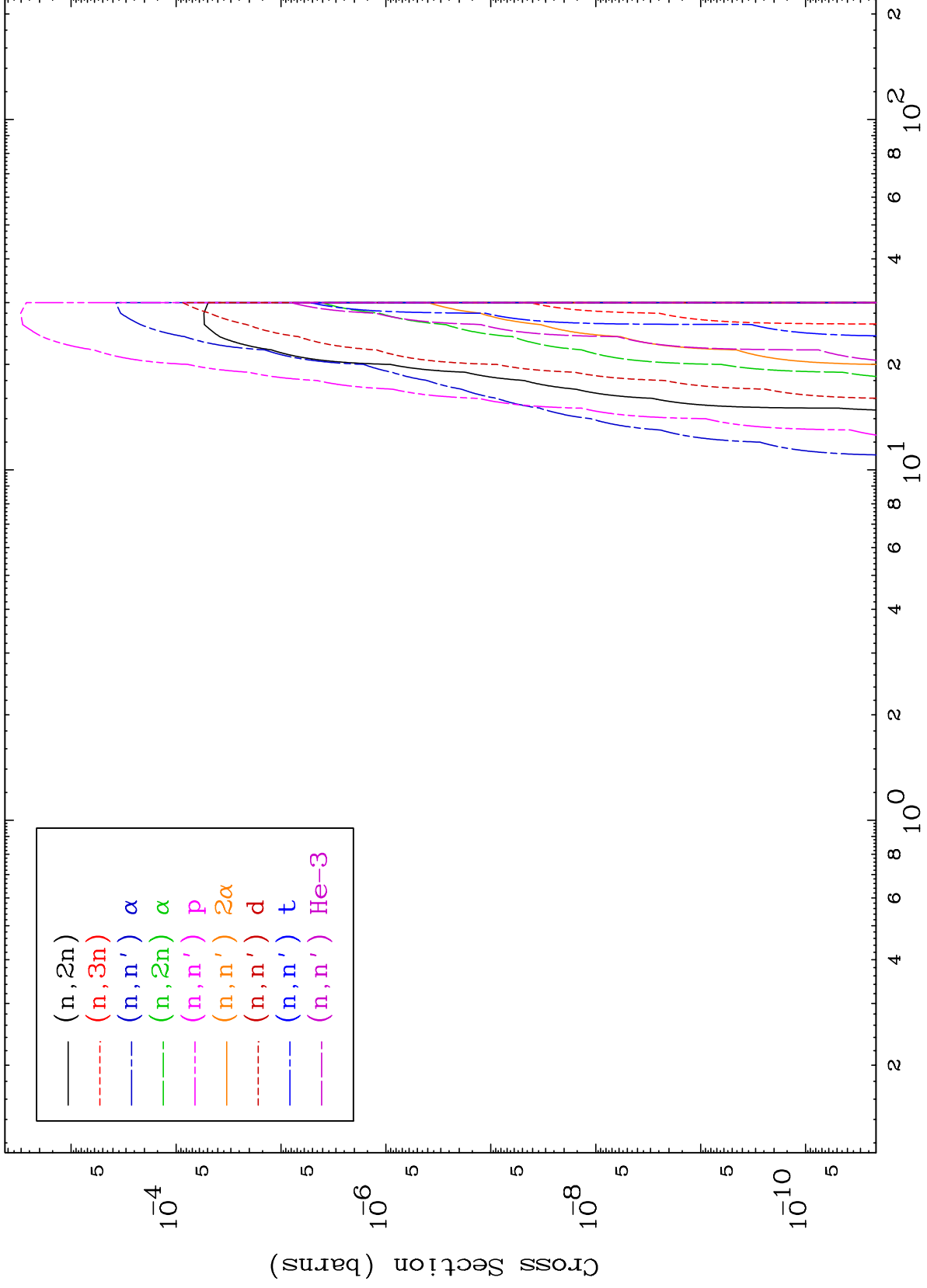
0 Kelvin Cross Sections



MAT 8181

He-3 Neutron Absorption
0 Kelvin Cross Sections

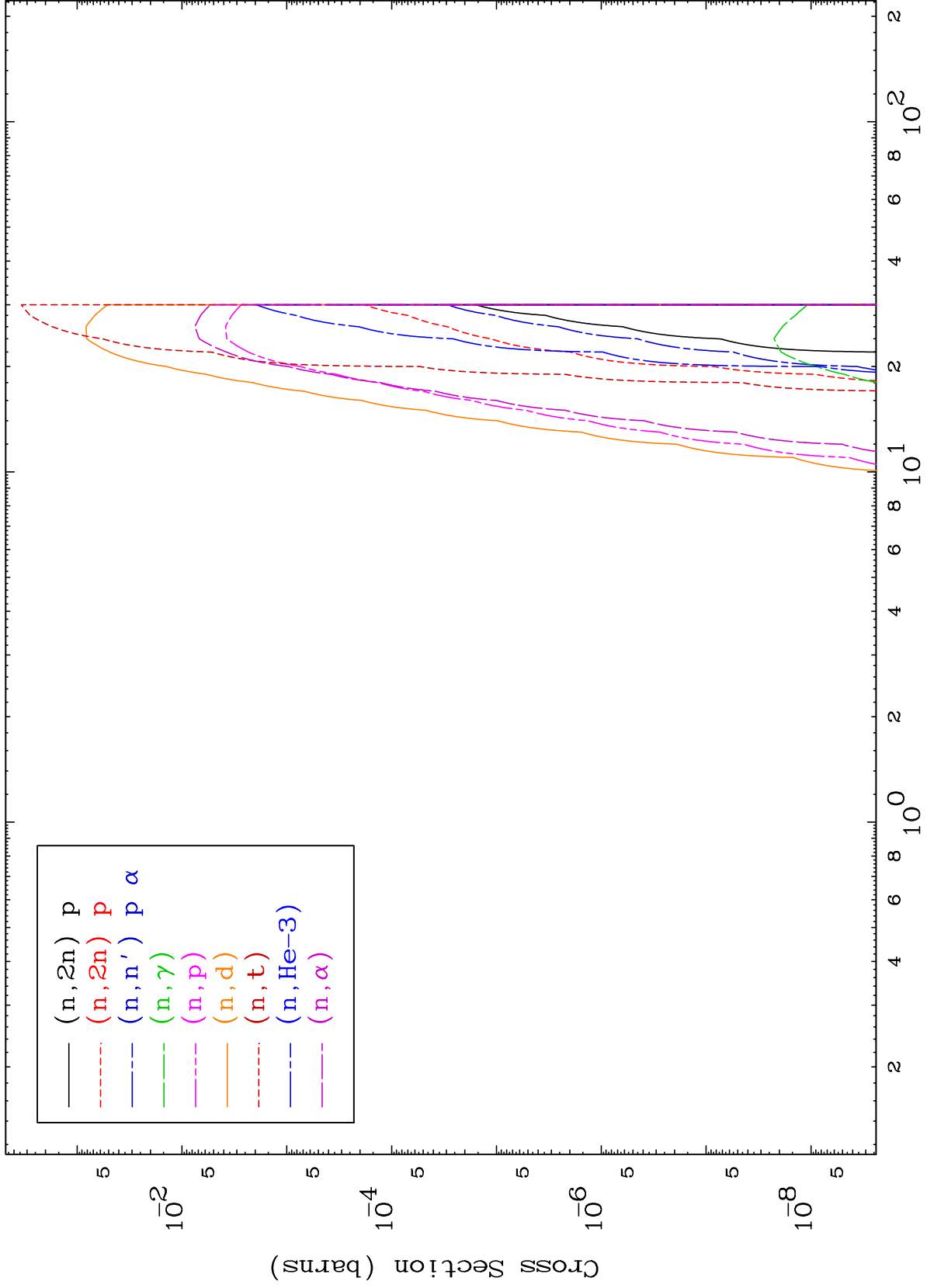
82-Pb-189m



MAT 8181

He-3 Neutron Absorption
0 Kelvin Cross Sections

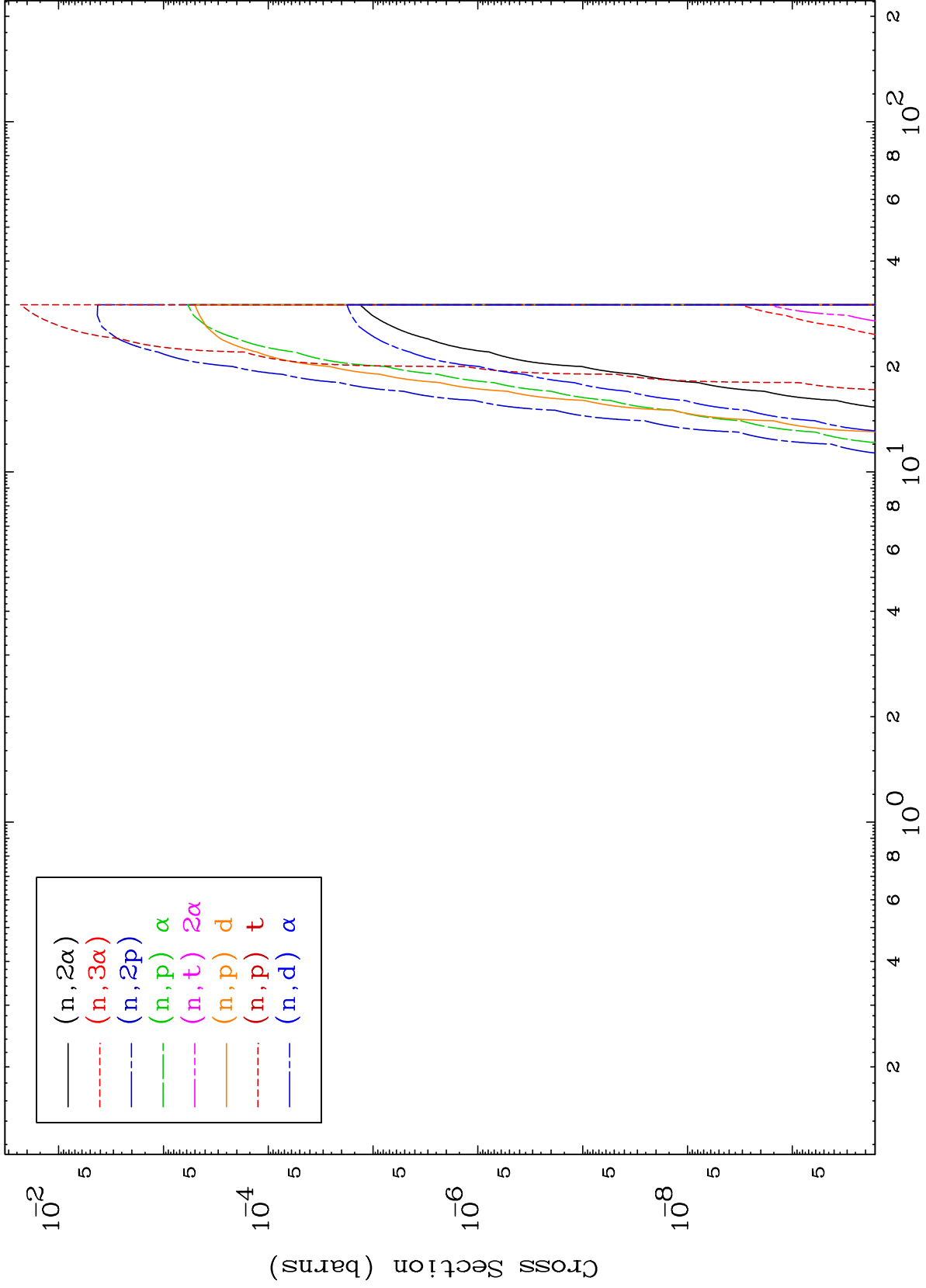
82-Pb-189m



MAT 8181

He-3 Neutron Absorption
0 Kelvin Cross Sections

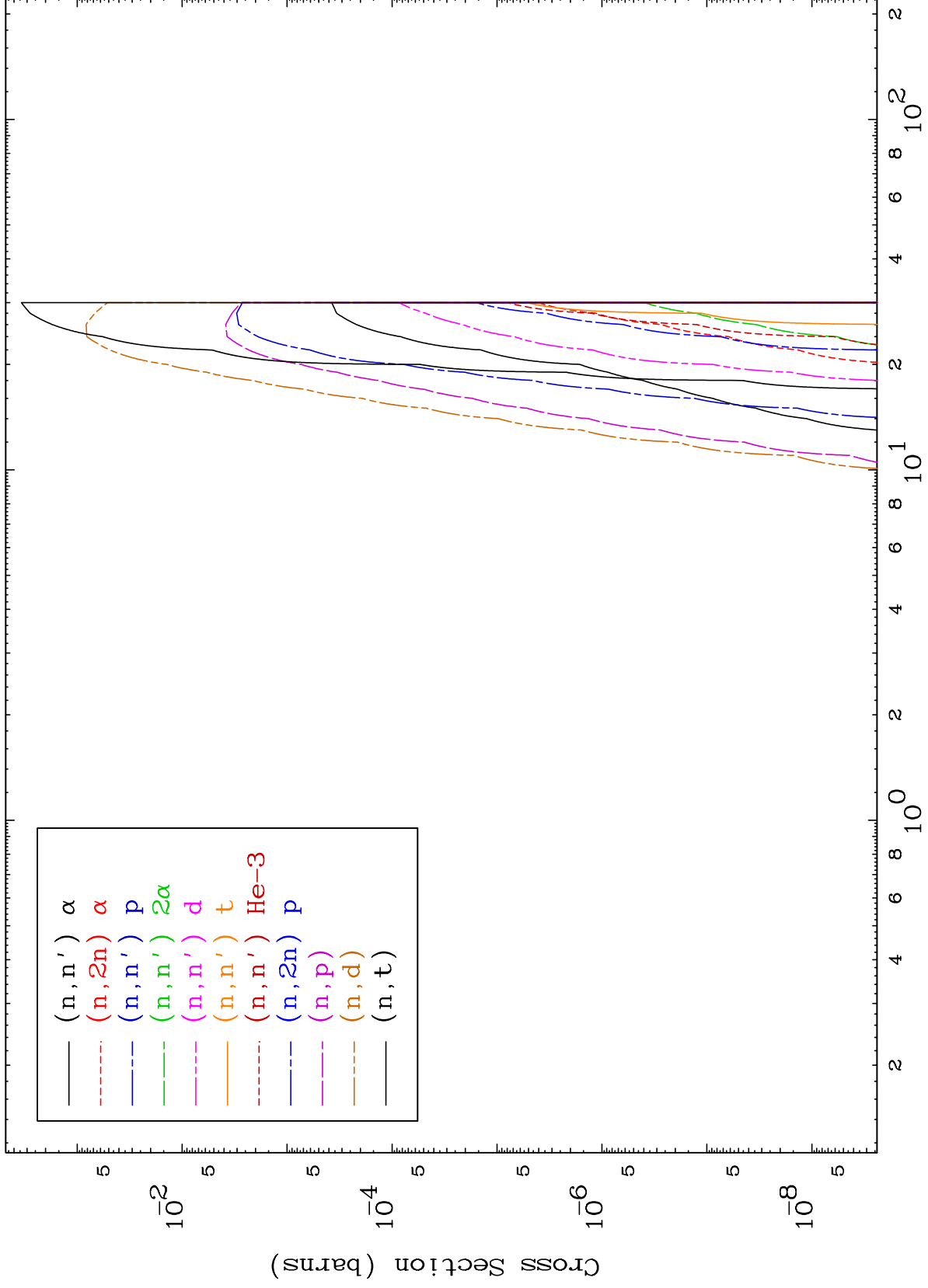
82-Pb-189m



MAT 8181

He-3 Charged Particle
0 Kelvin Cross Sections

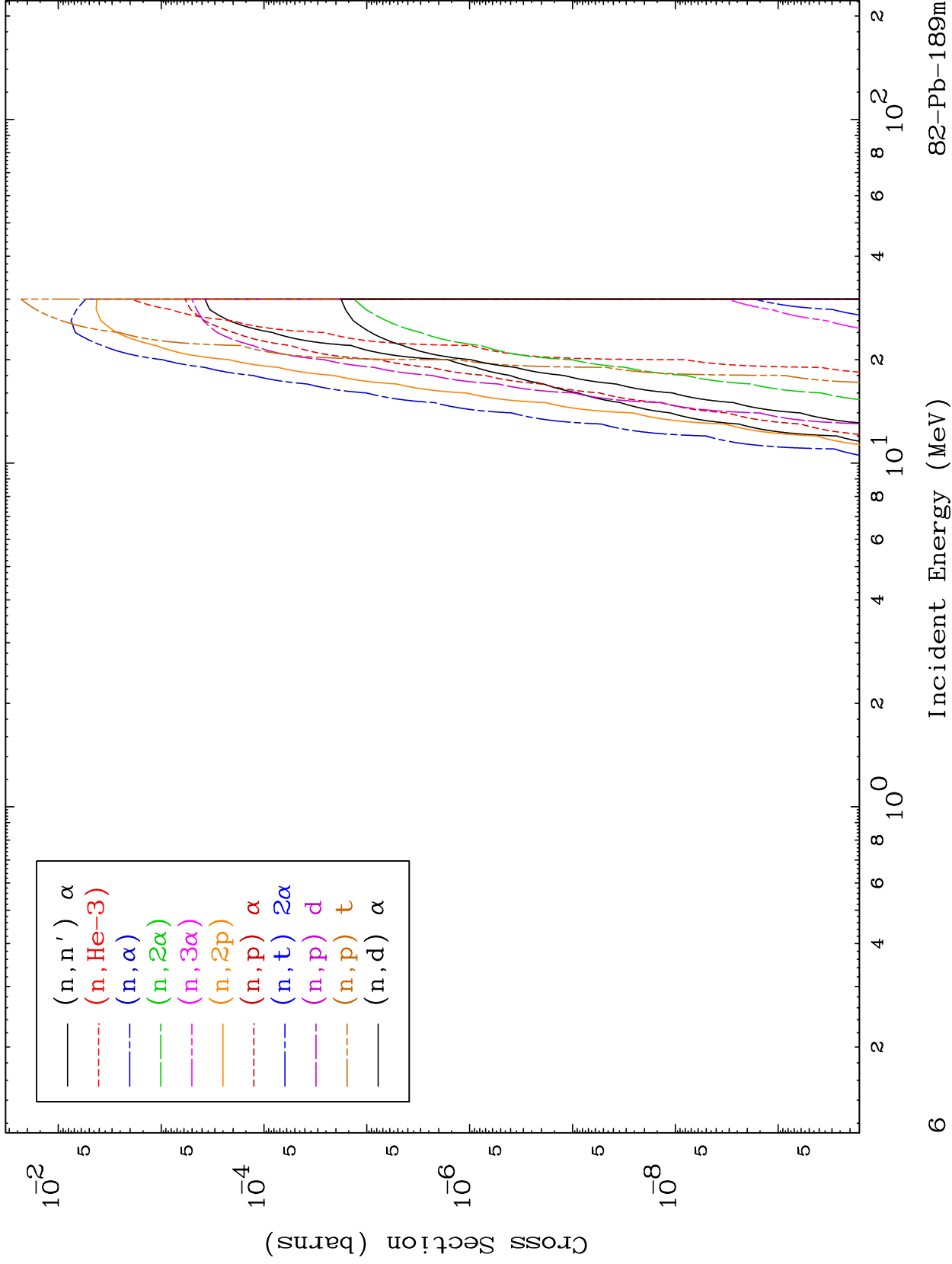
82-Pb-189m



MAT 8181

He-3 Charged Particle
0 Kelvin Cross Sections

82-Pb-189m

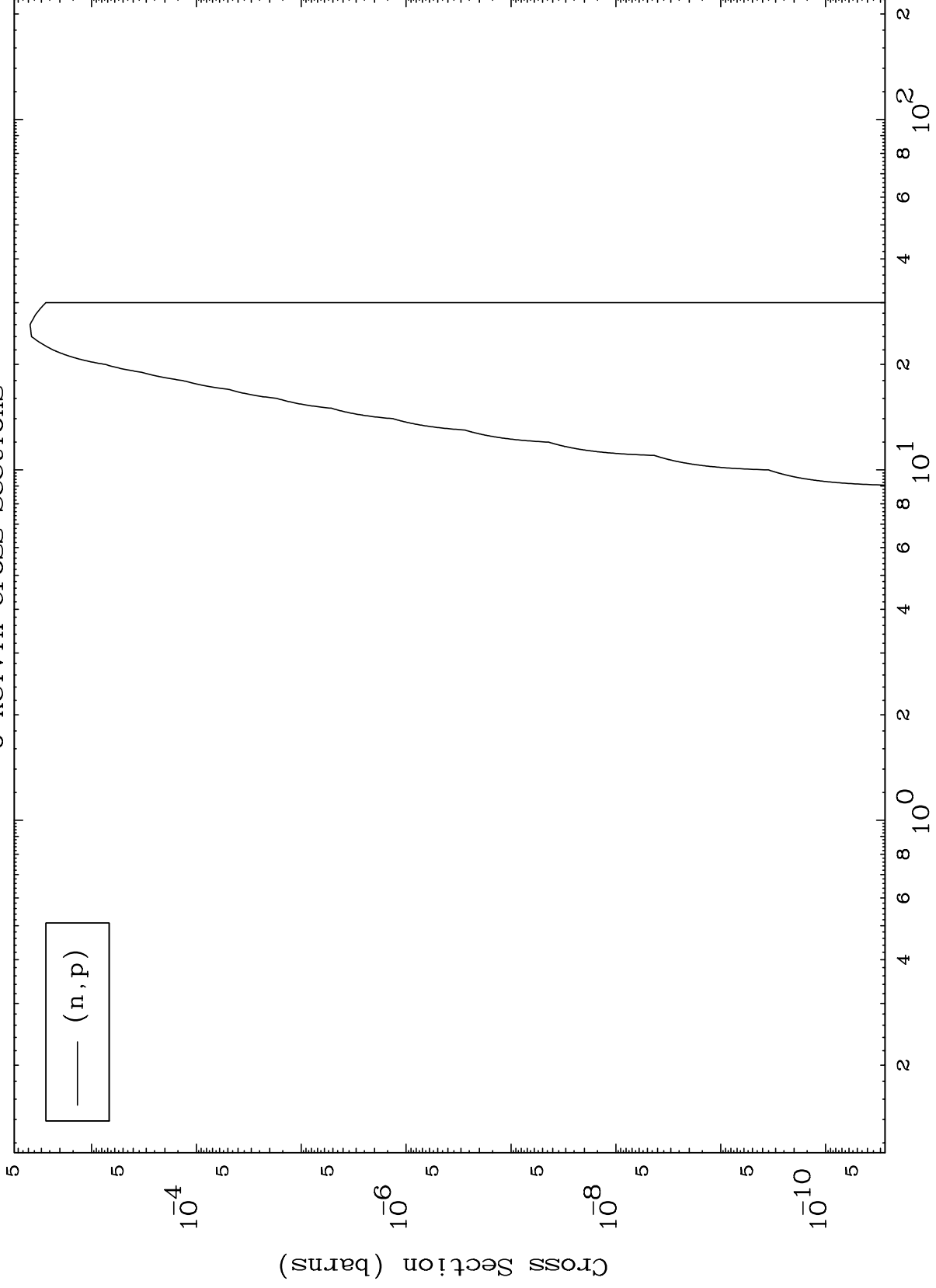


MAT 8181

(He-3,p) Levels

82-Pb-189m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

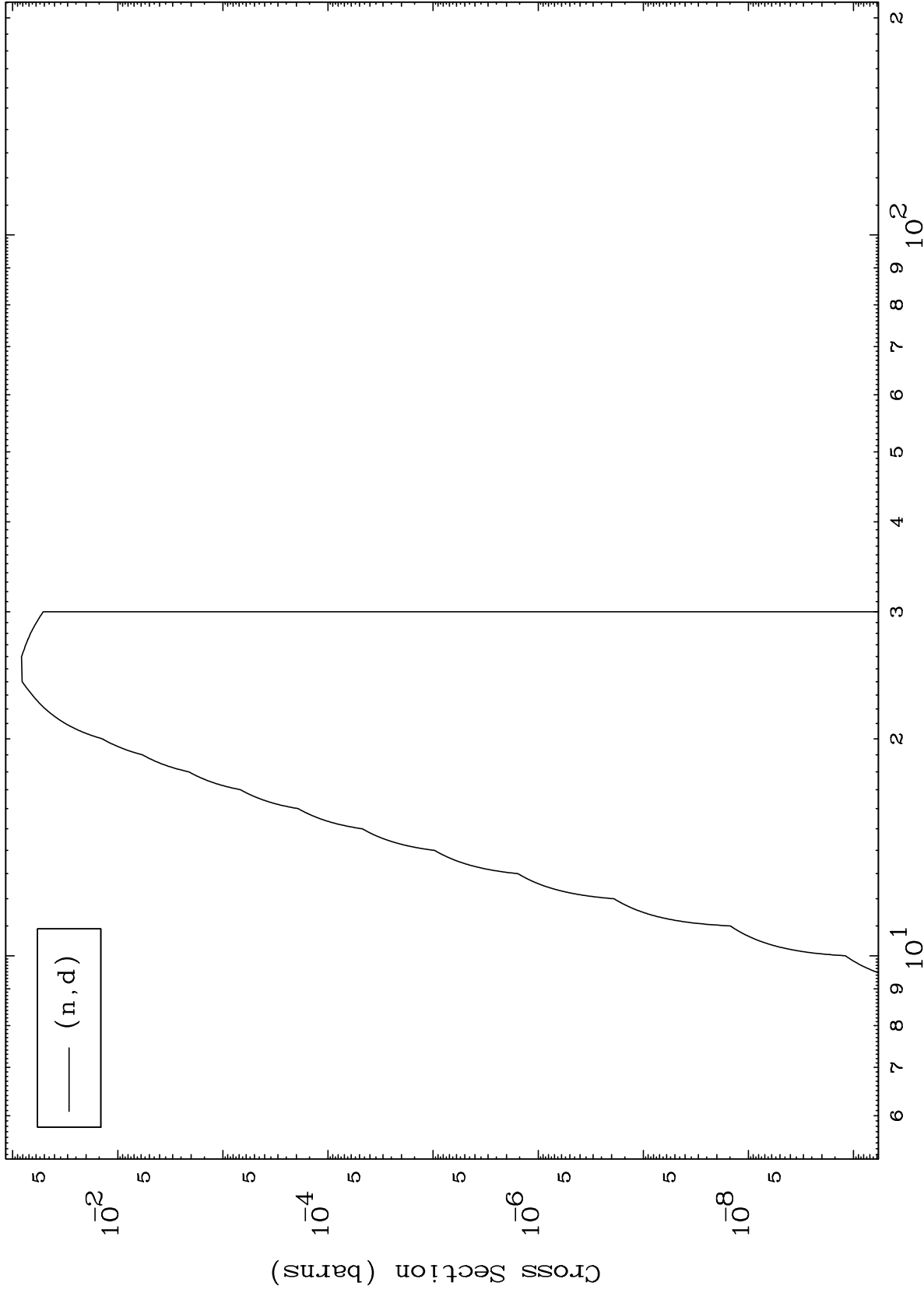
82-Pb-189m

MAT 8181

(He-3,d) Levels

82-Pb-189m

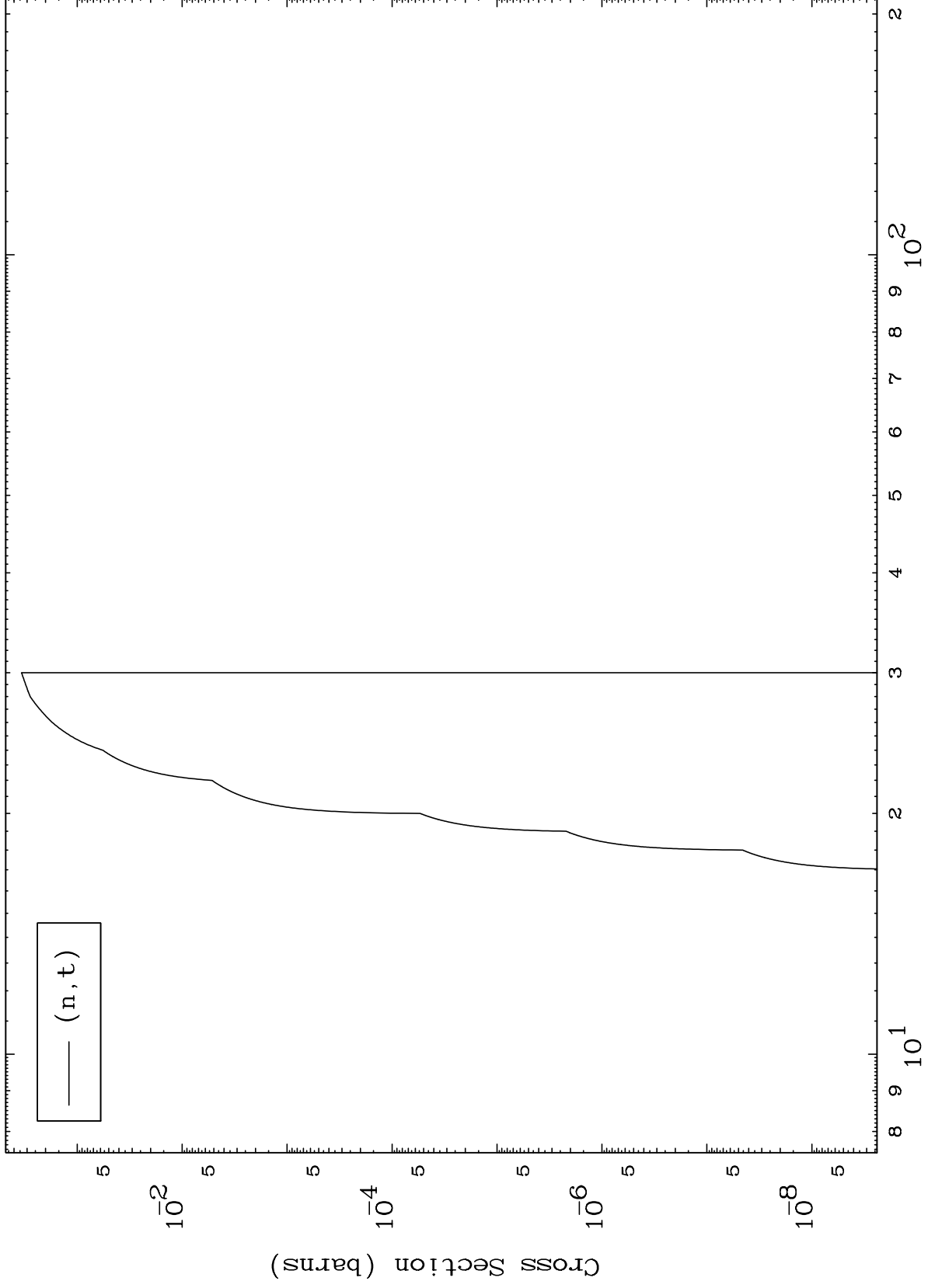
0 Kelvin Cross Sections



MAT 8181

(He-3,t) Levels
0 Kelvin Cross Sections

82-Pb-189m



9

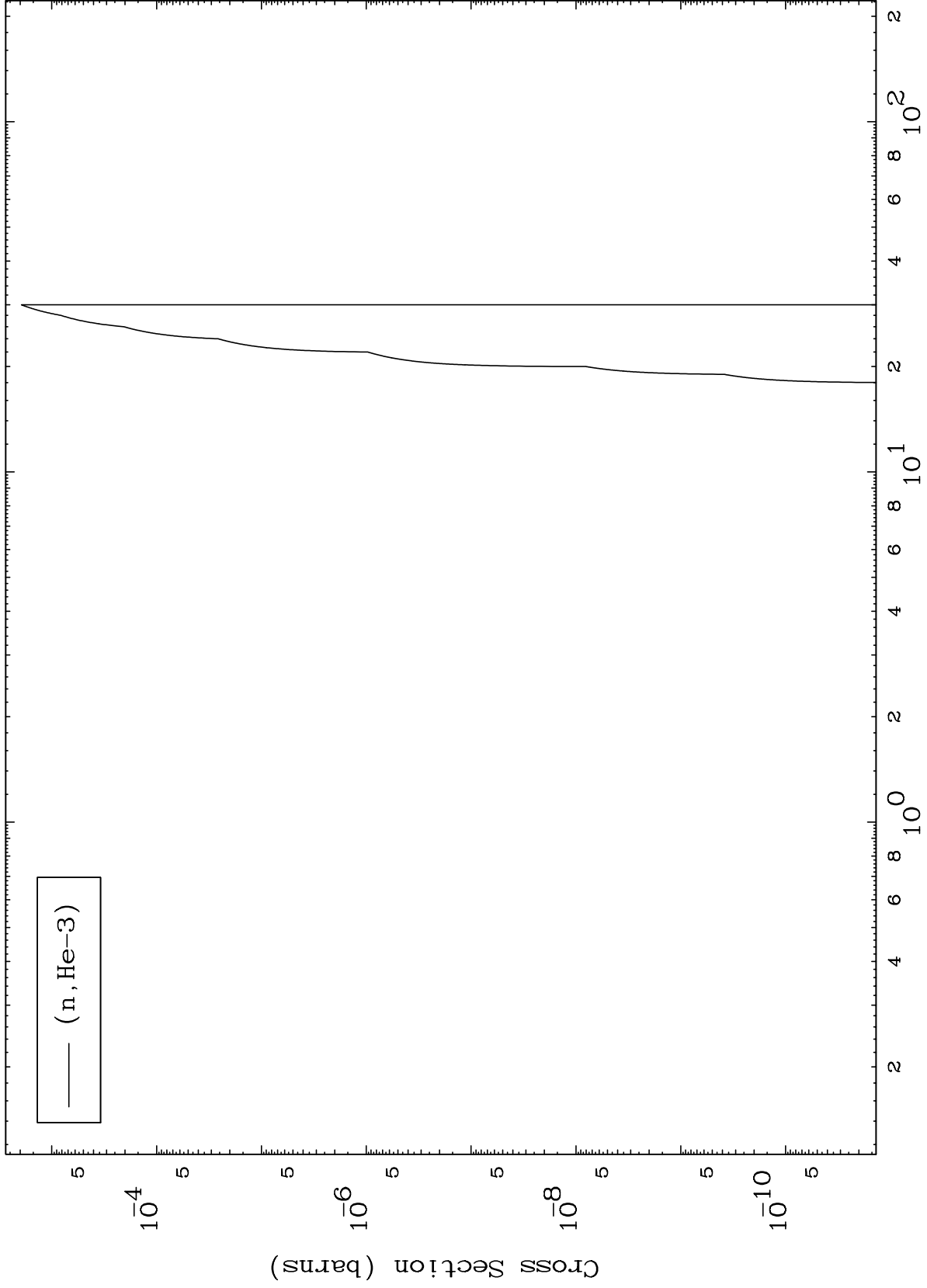
Incident Energy (MeV)

82-Pb-189m

MAT 8181

(He-3, He3) Levels
0 Kelvin Cross Sections

82-Pb-189m



(n, He-3)

10

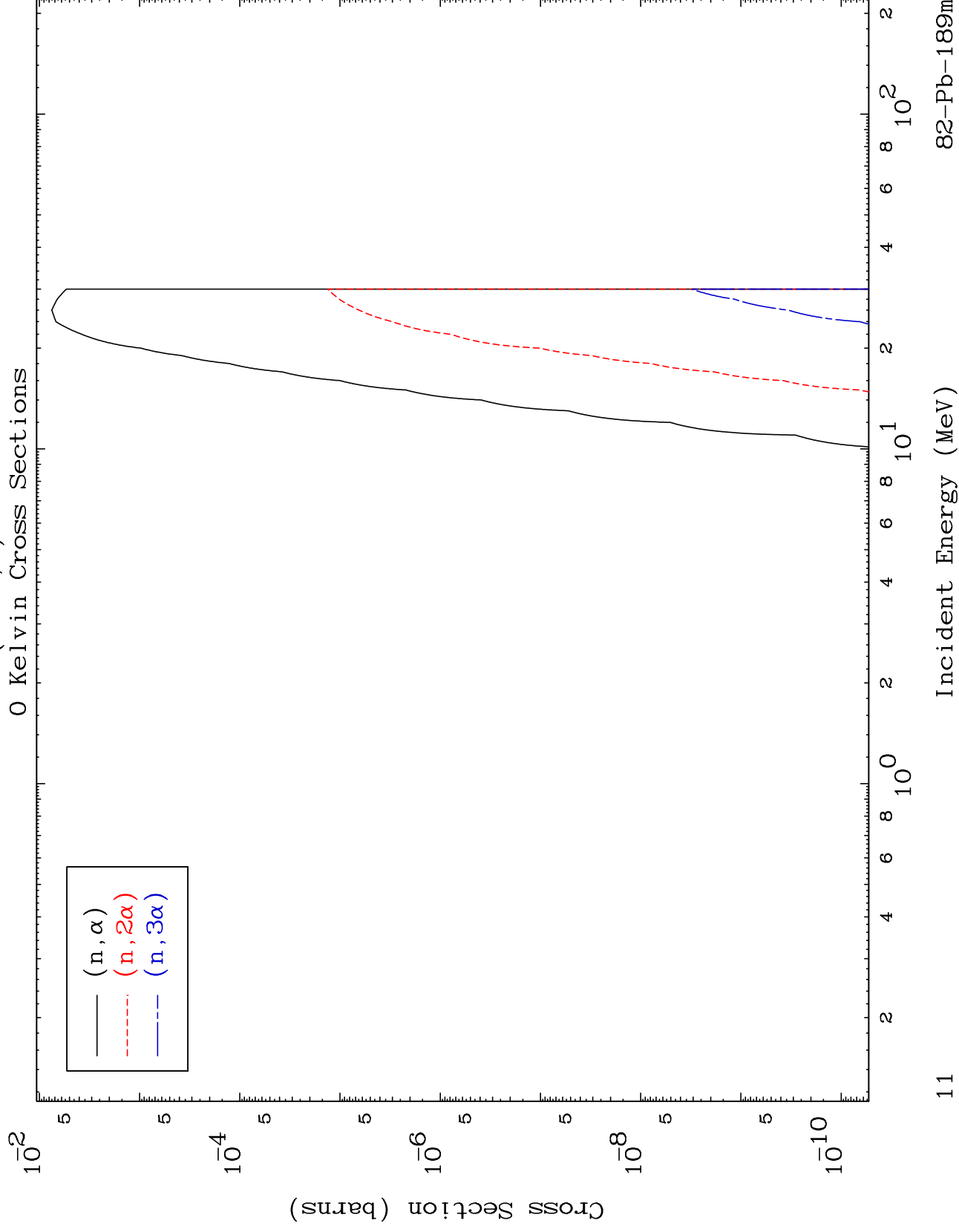
Incident Energy (MeV)

82-Pb-189m

MAT 8181

(He-3, α) Levels

82-Pb-189m

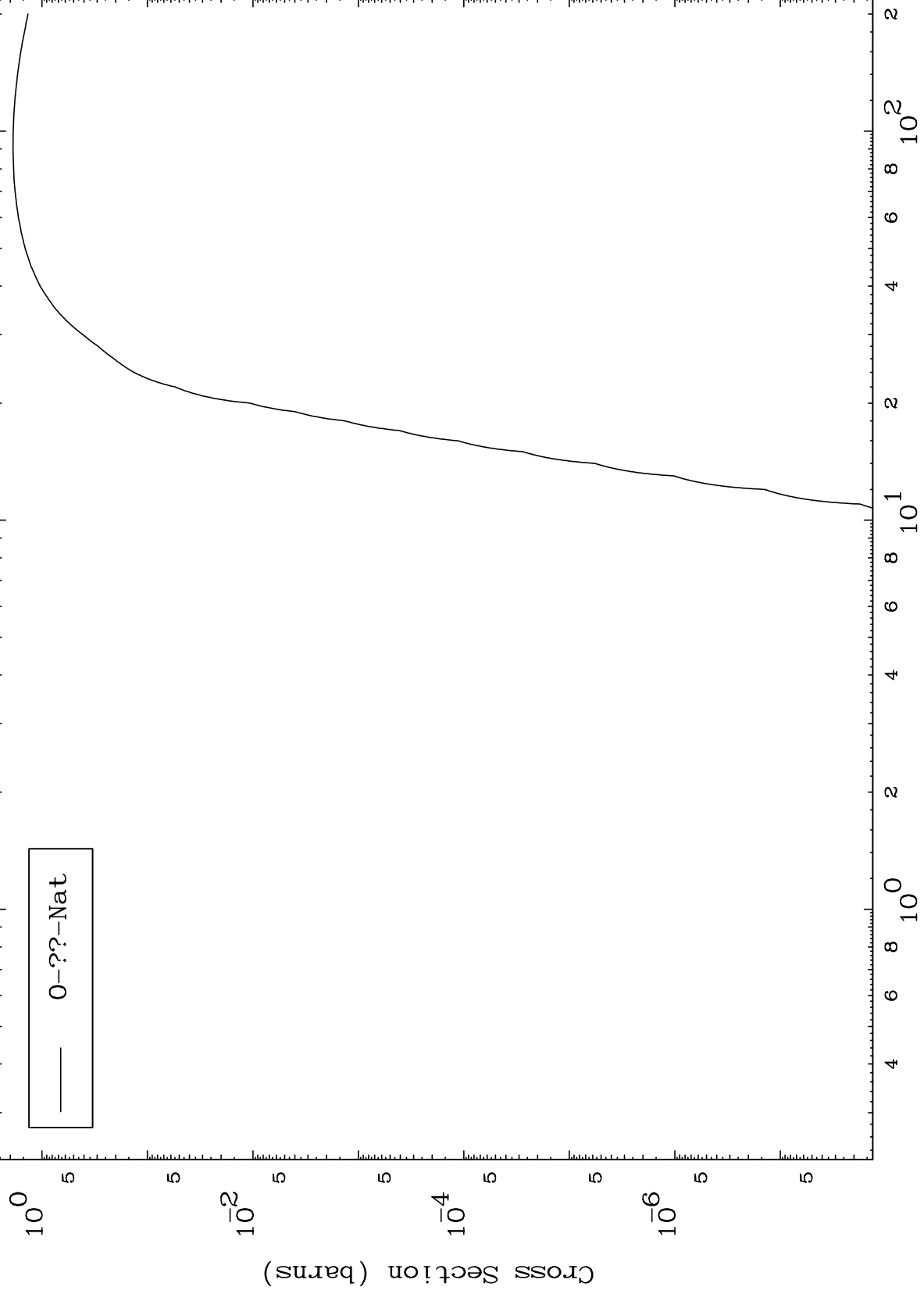


MAT 8181

Fission

⁸²Pb-189m

Radionuclide Production Cross Section

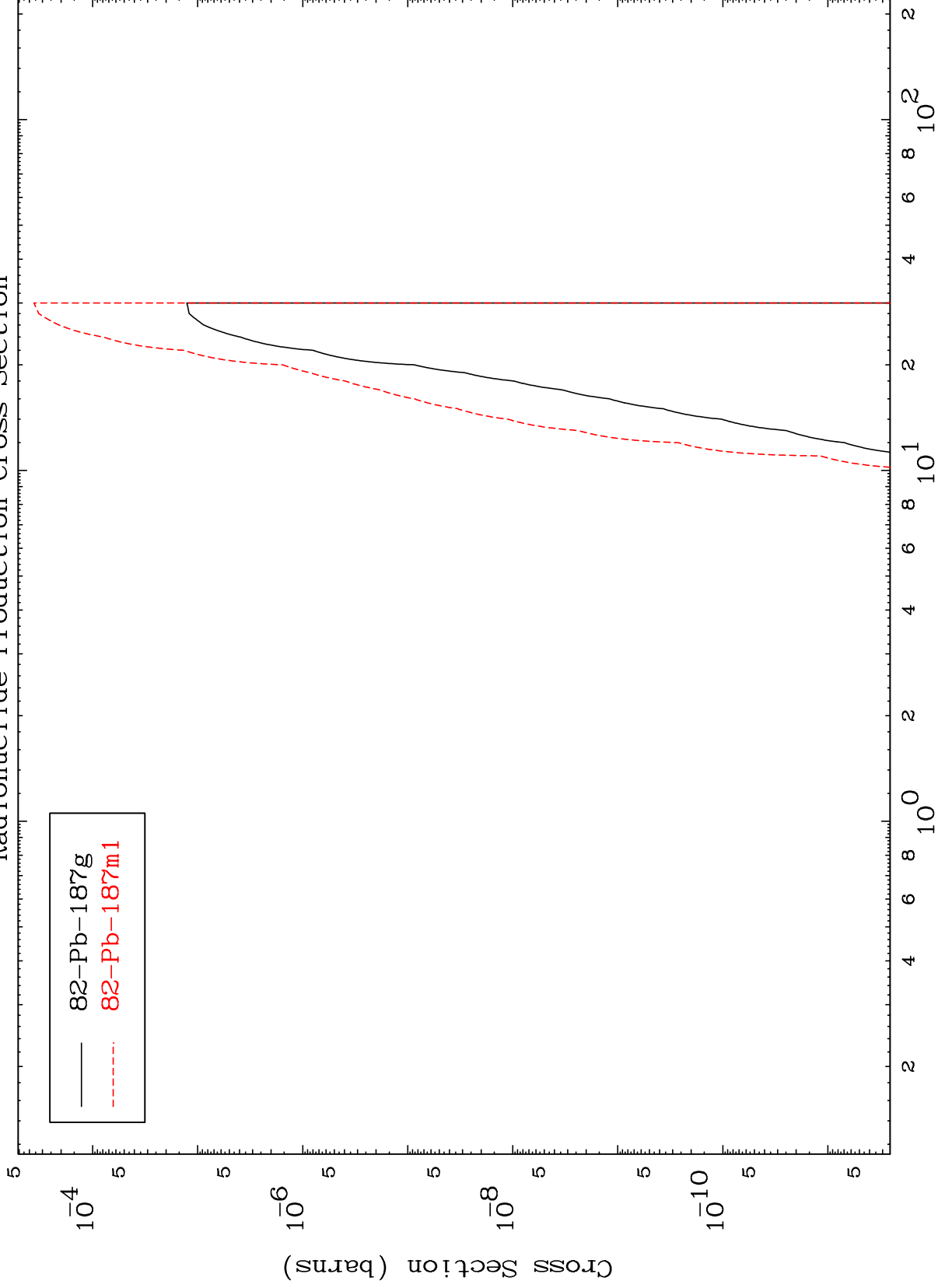


MAT 8181

$(n, n') \alpha$

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

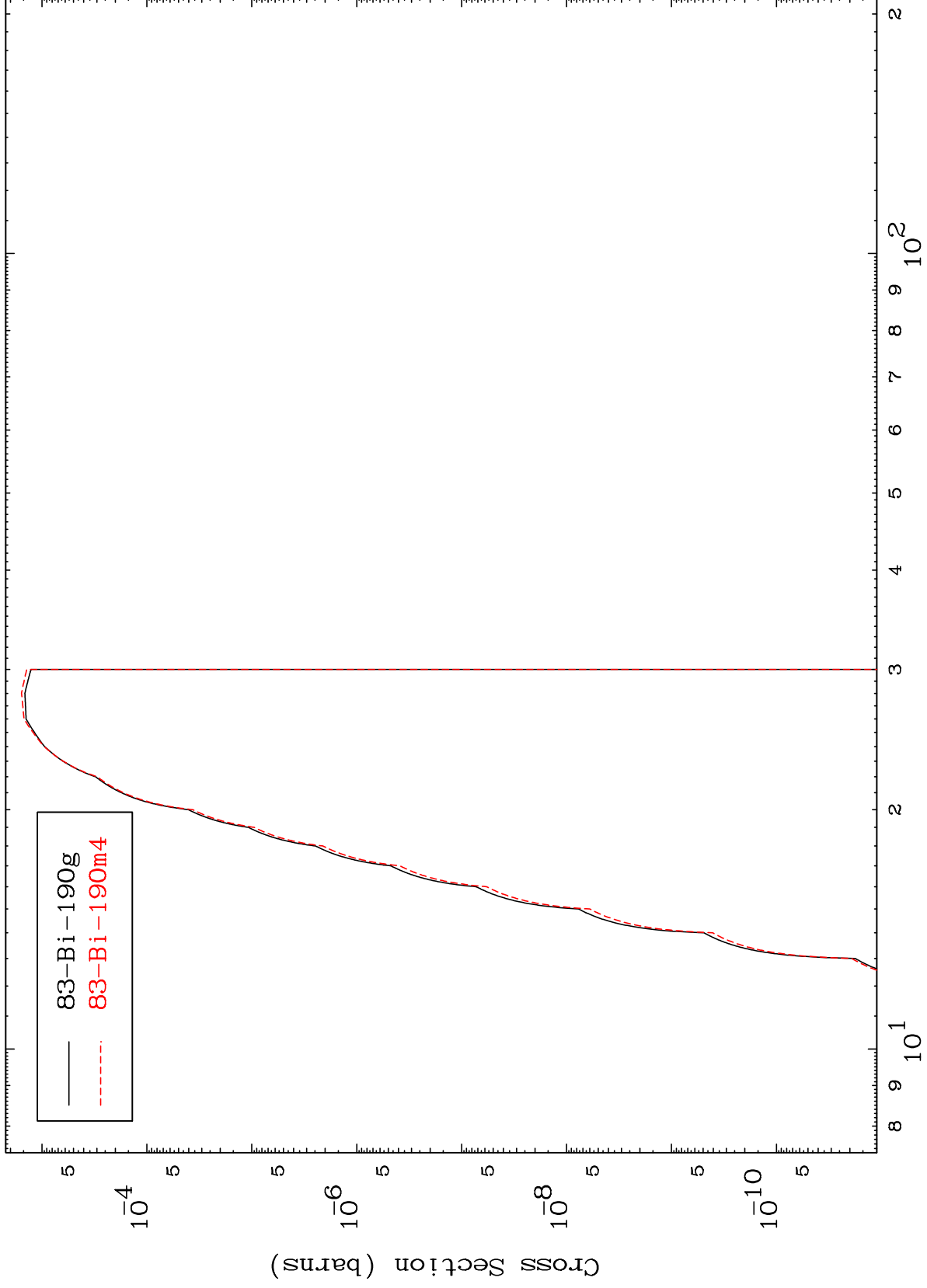
$^{82}\text{Pb-189m}$

MAT 8181

(n,n') p

82-Pb-189m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

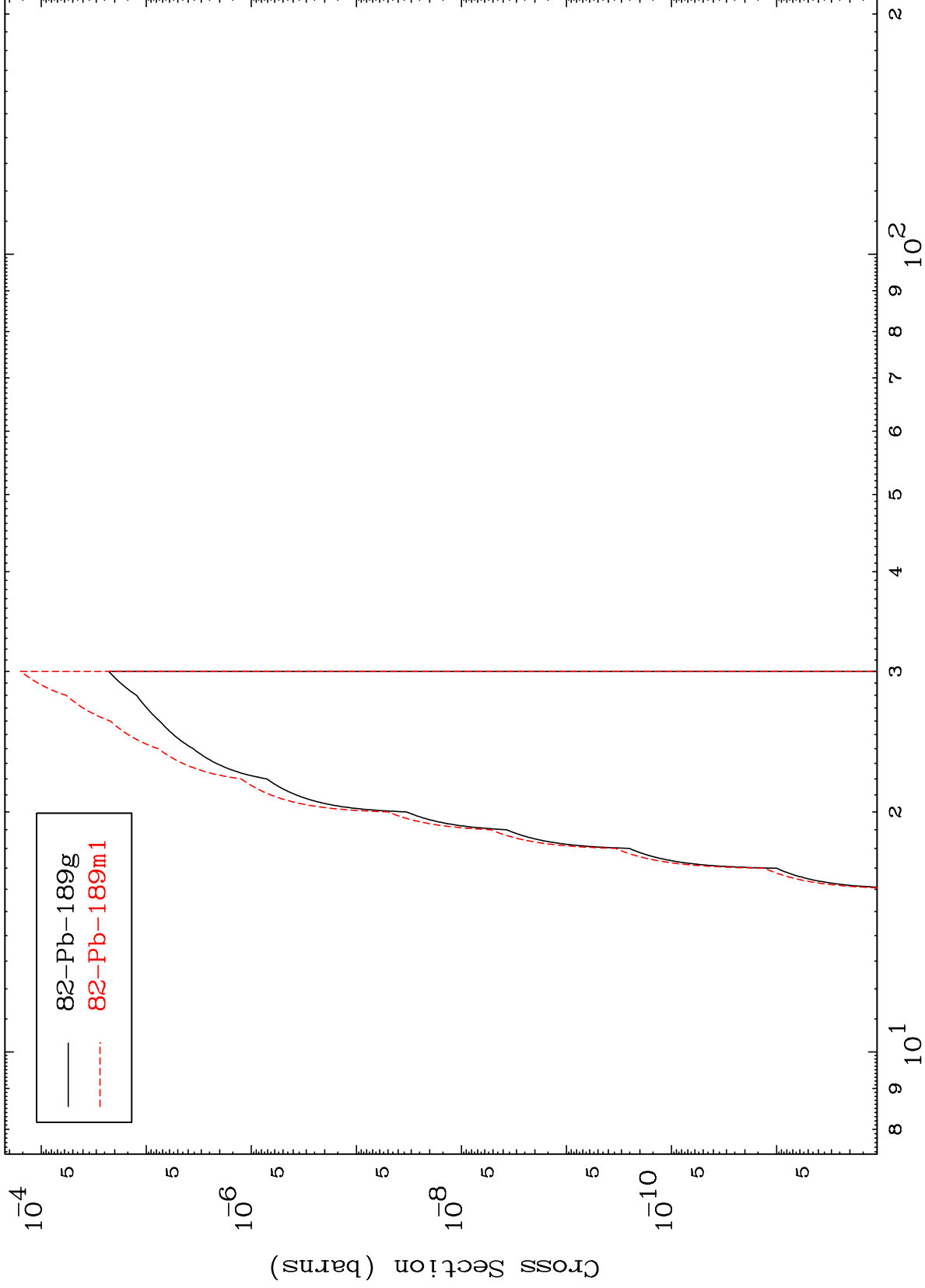
82-Pb-189m

MAT 8181

(n,2n) p

⁸²Pb-189m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

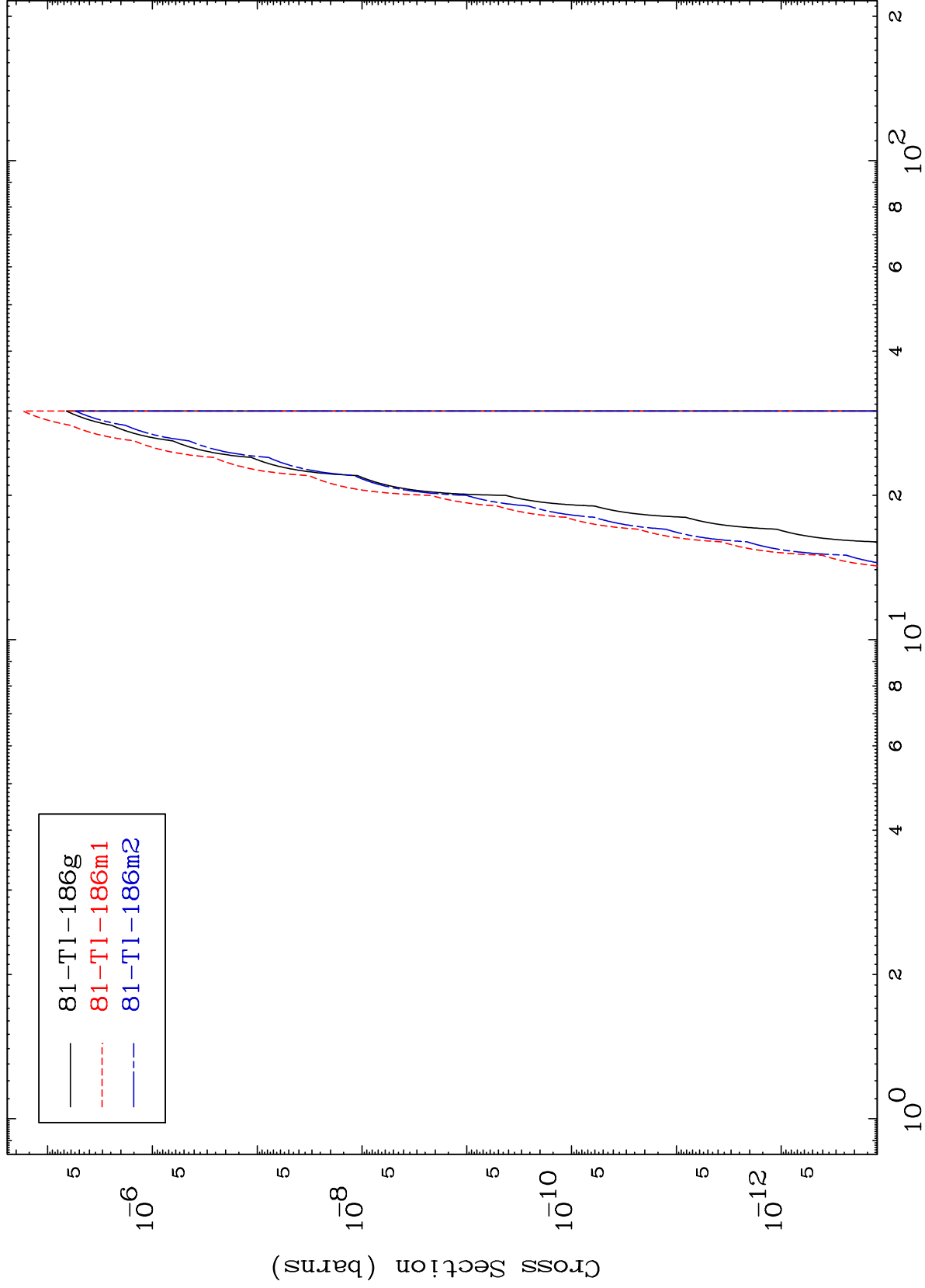
⁸²Pb-189m

MAT 8181

(n,n') p α

82-Pb-189m

Radionuclide Production Cross Section



16

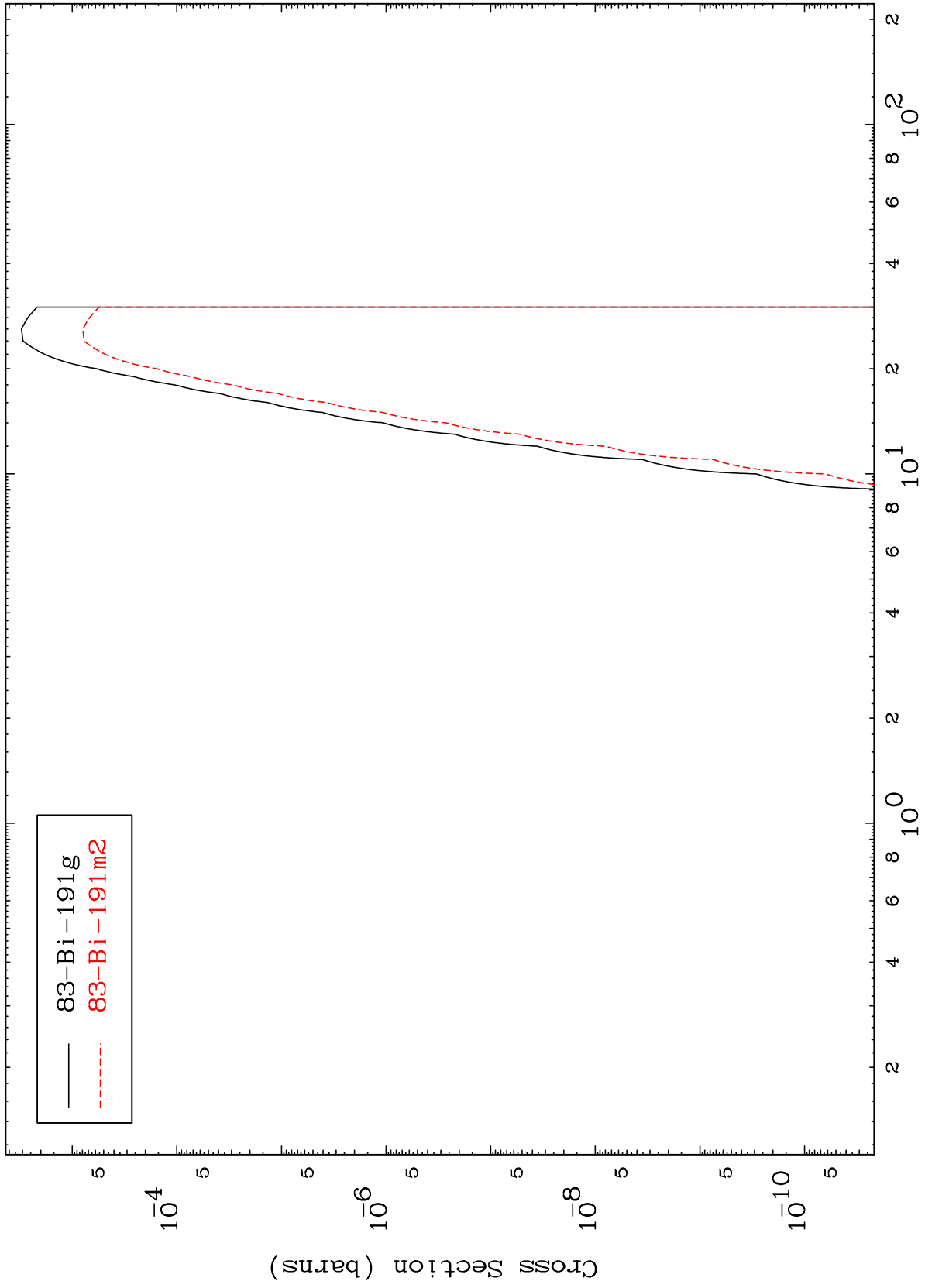
Incident Energy (MeV)

82-Pb-189m

MAT 8181

⁸²Pb-189m

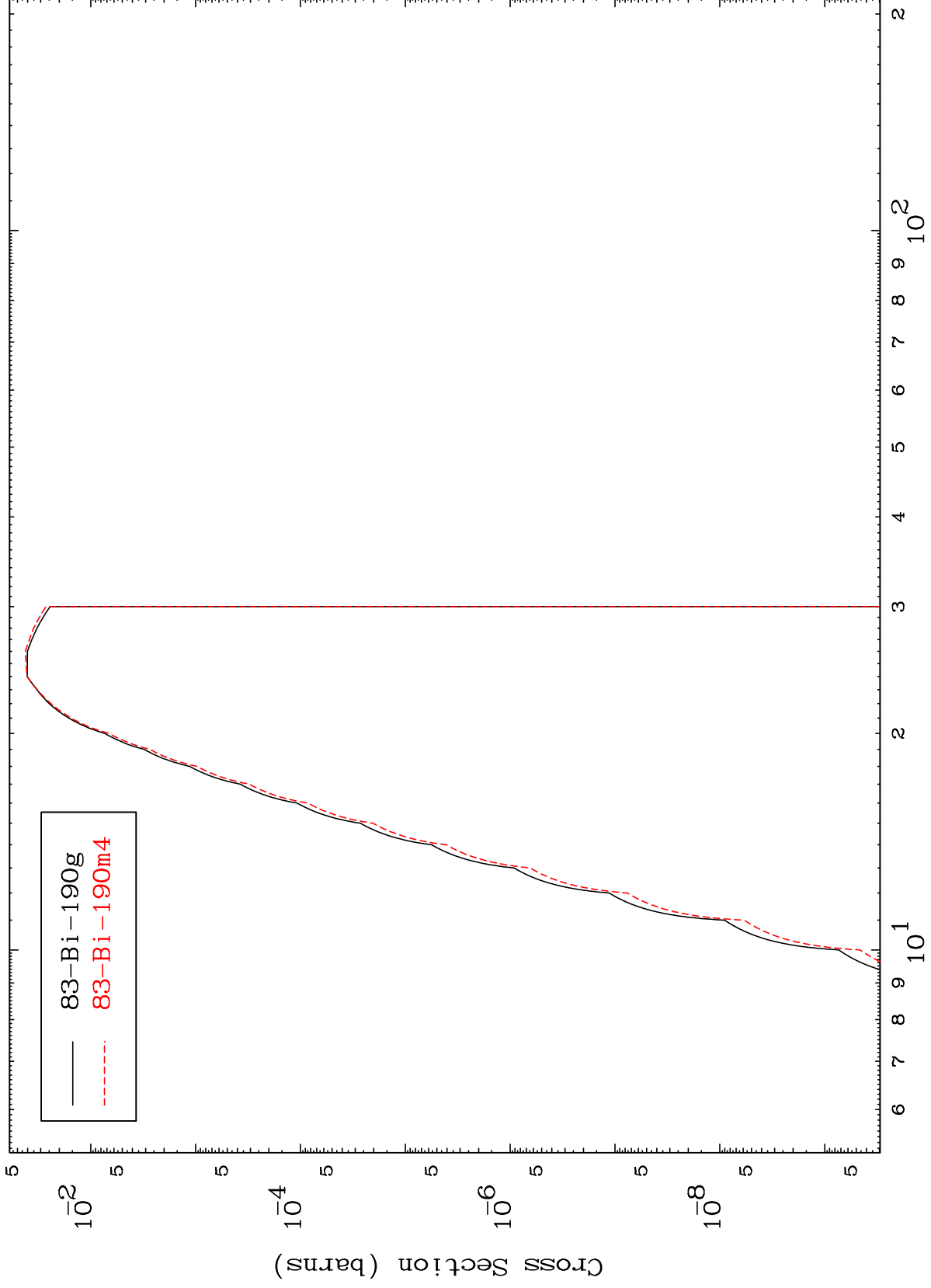
(n,p)
Radionuclide Production Cross Section



MAT 8181

82-Pb-189m

(n,d)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

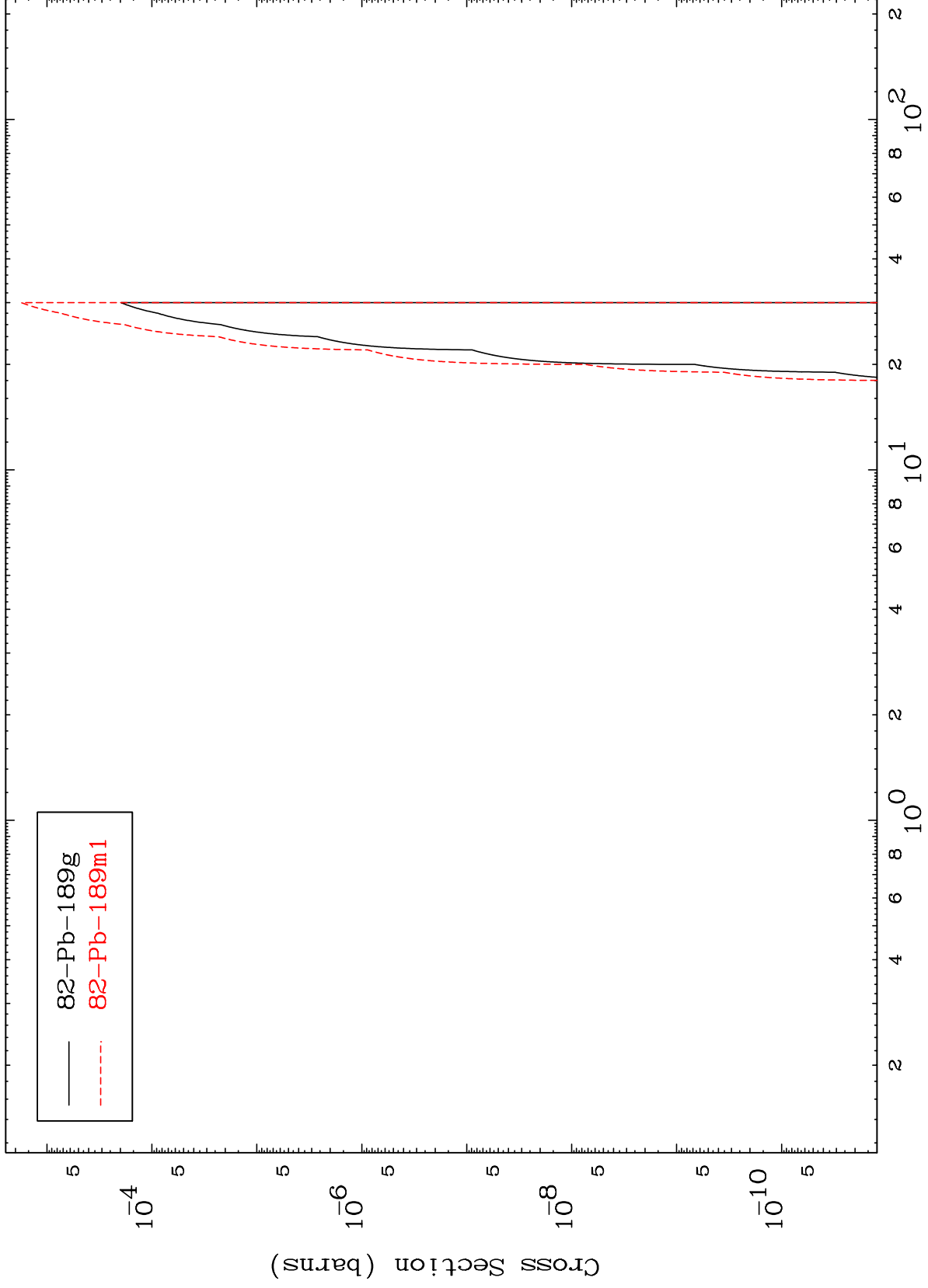
82-Pb-189m

MAT 8181

(n,He-3)

82-Pb-189m

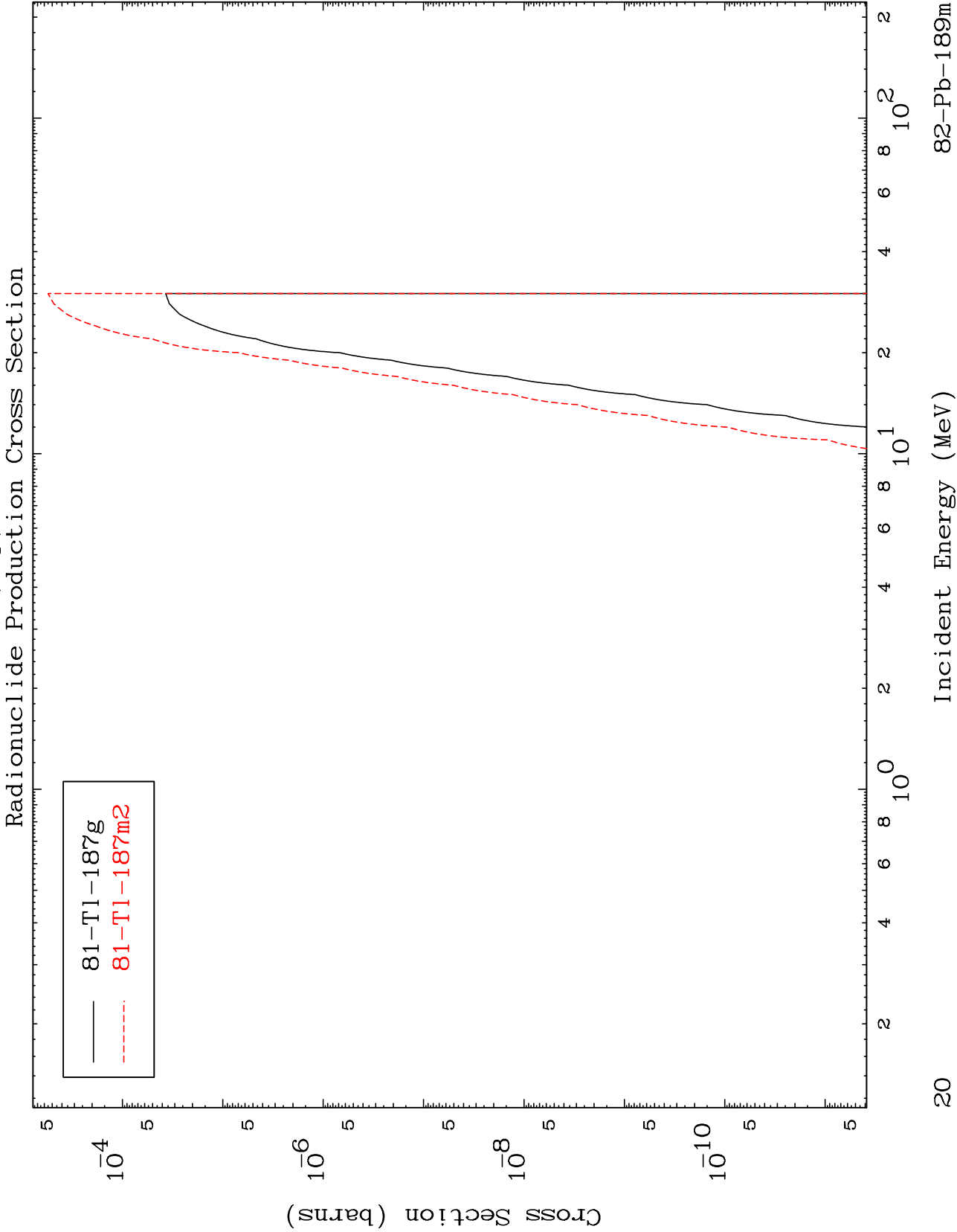
Radionuclide Production Cross Section



MAT 8181

(n,p) α

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

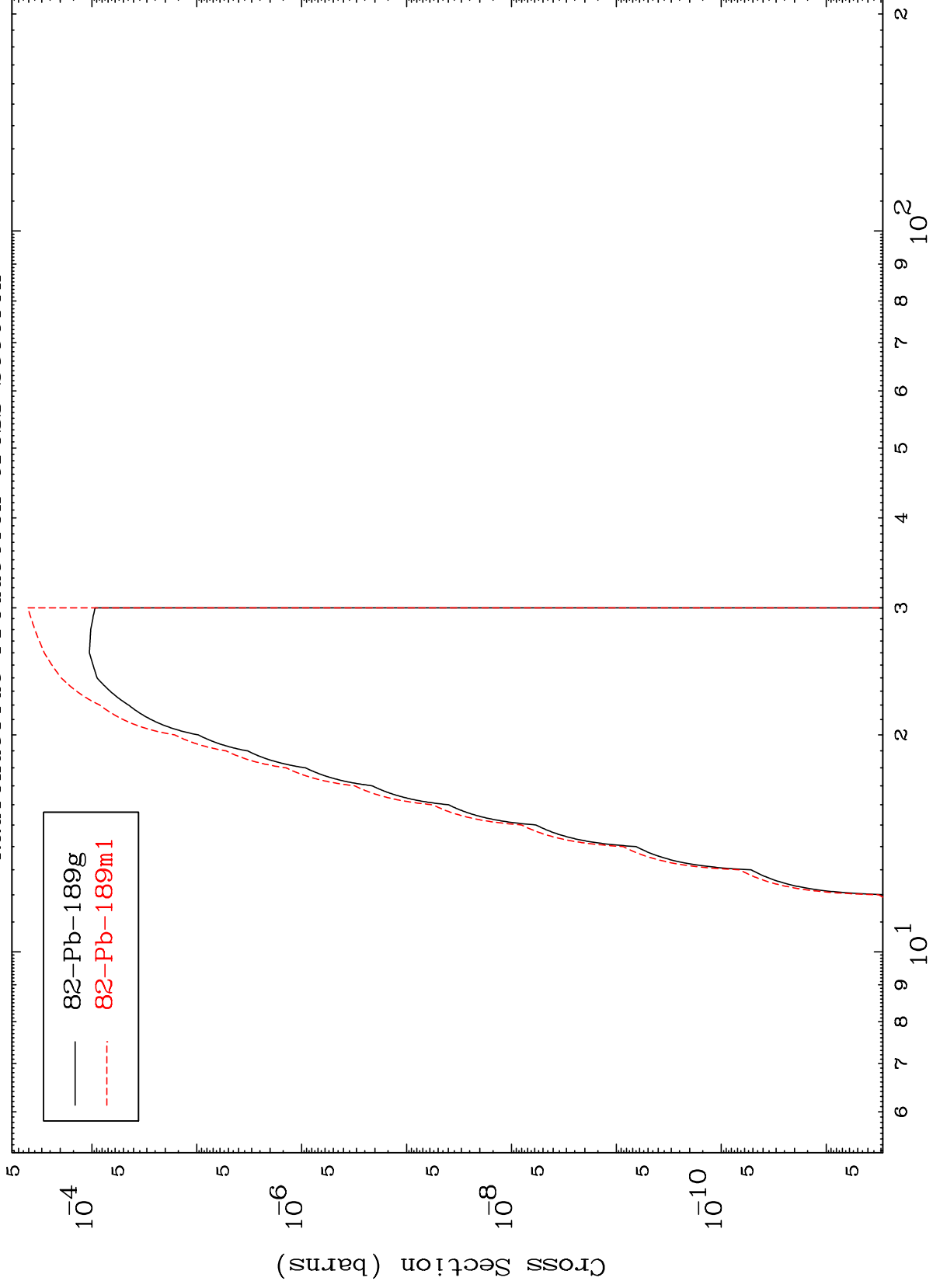


MAT 8181

82-Pb-189m

(n,p) d

Radionuclide Production Cross Section



21

Incident Energy (MeV)

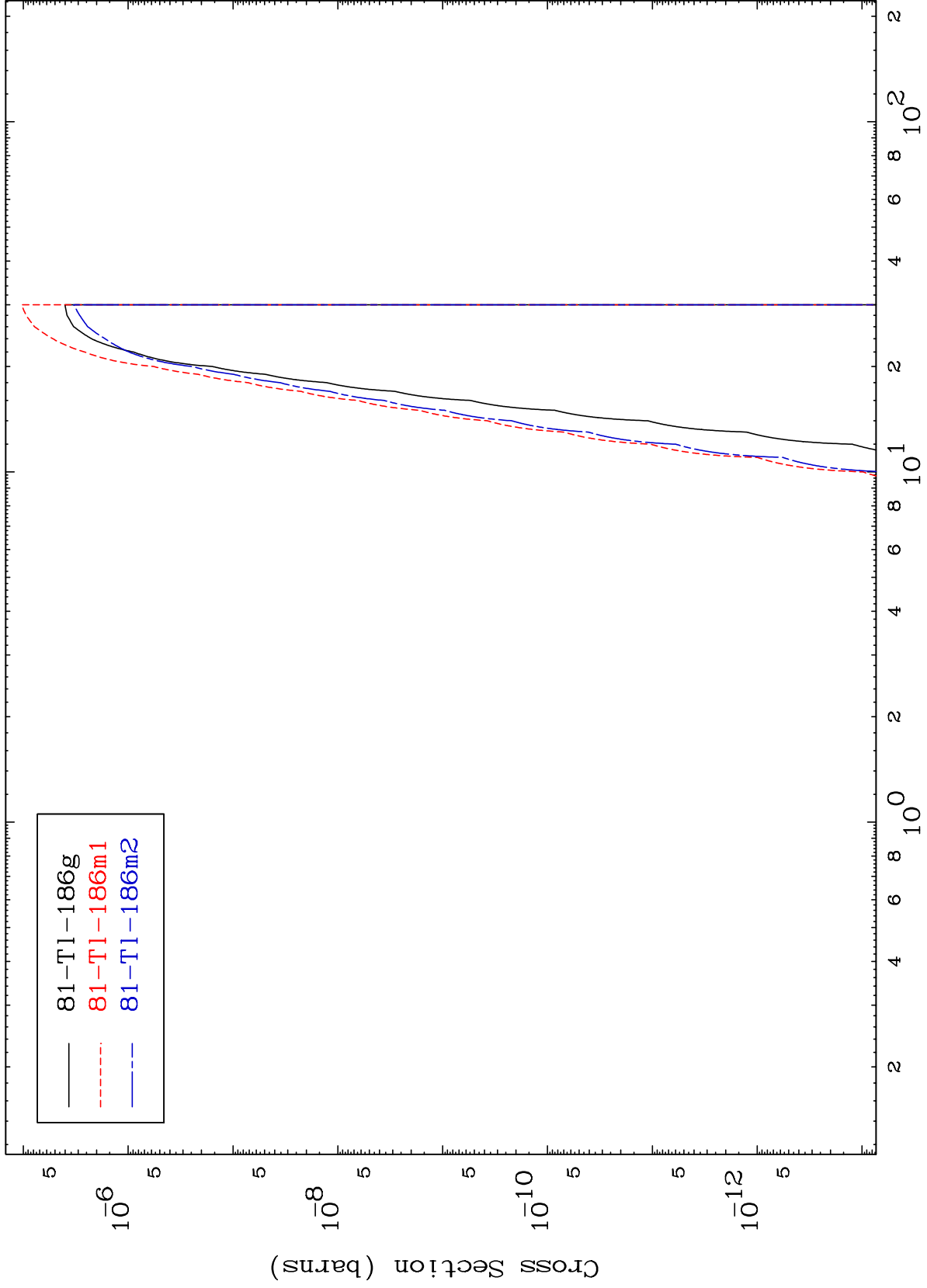
82-Pb-189m

MAT 8181

(n,d) α

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

Radionuclide Production Cross Section



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