

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

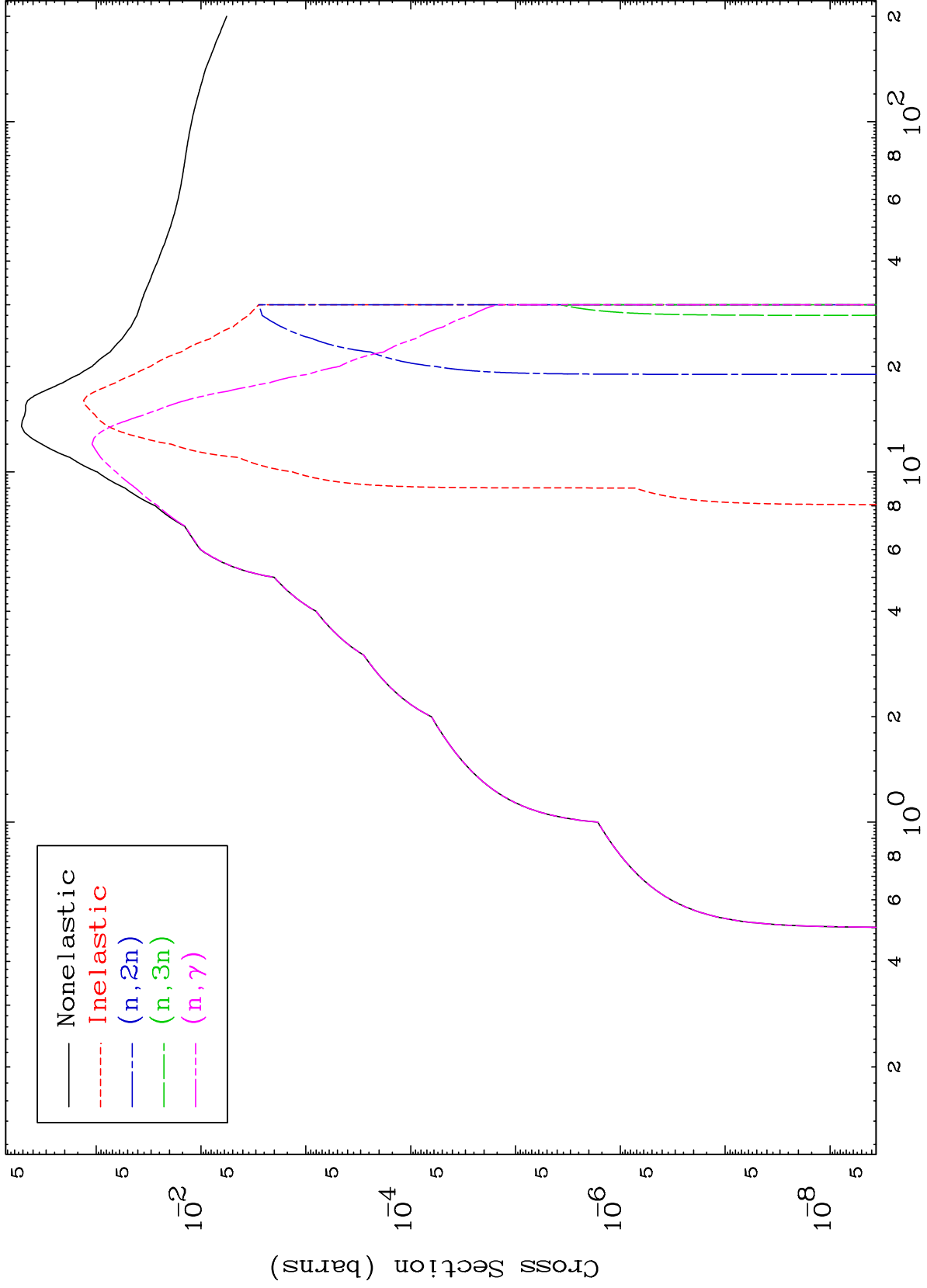
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8181

0 Kelvin Major

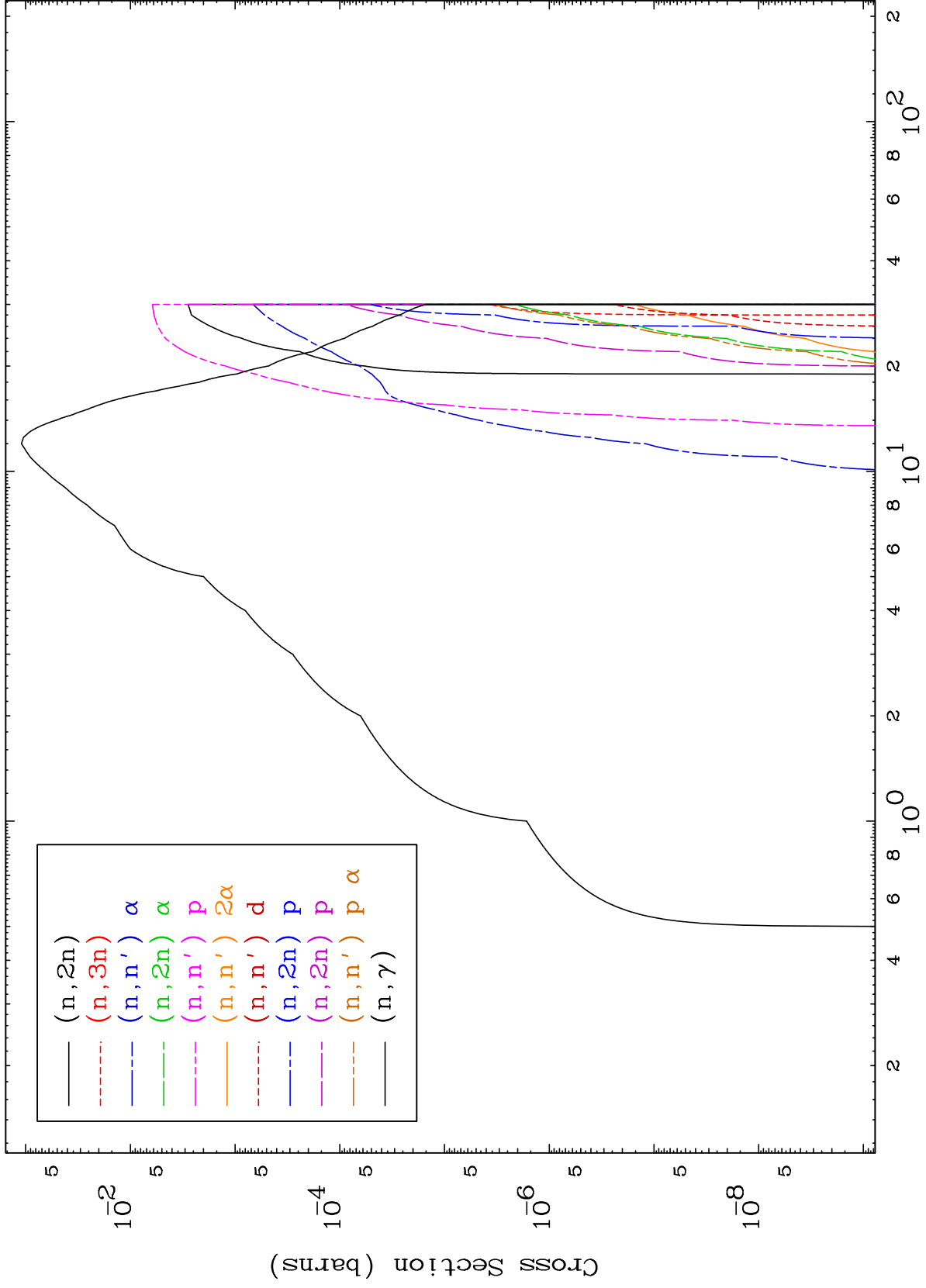
82-Pb-189m

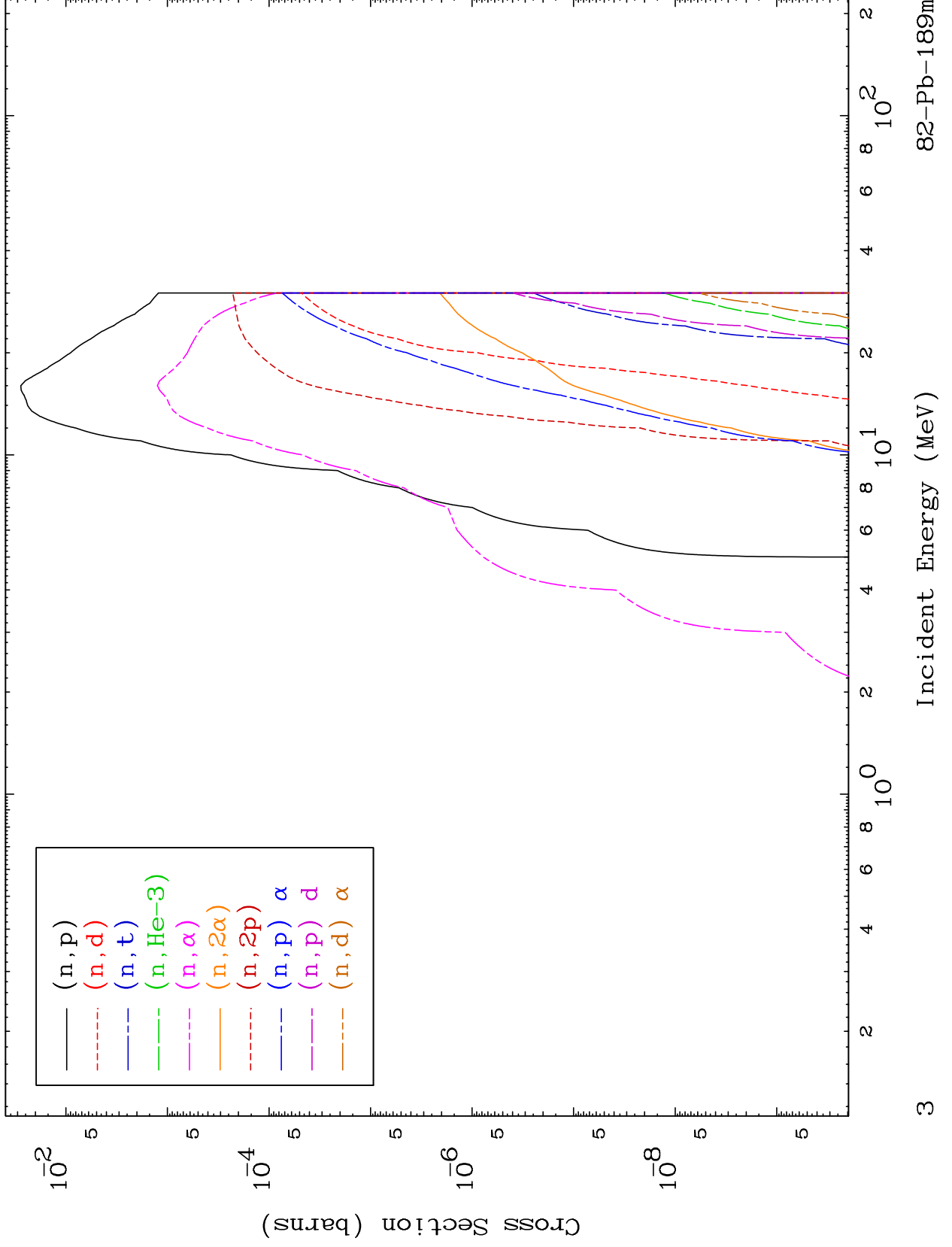


MAT 8181

Photon Neutron Absorption
0 Kelvin Cross Sections

82-Pb-189m

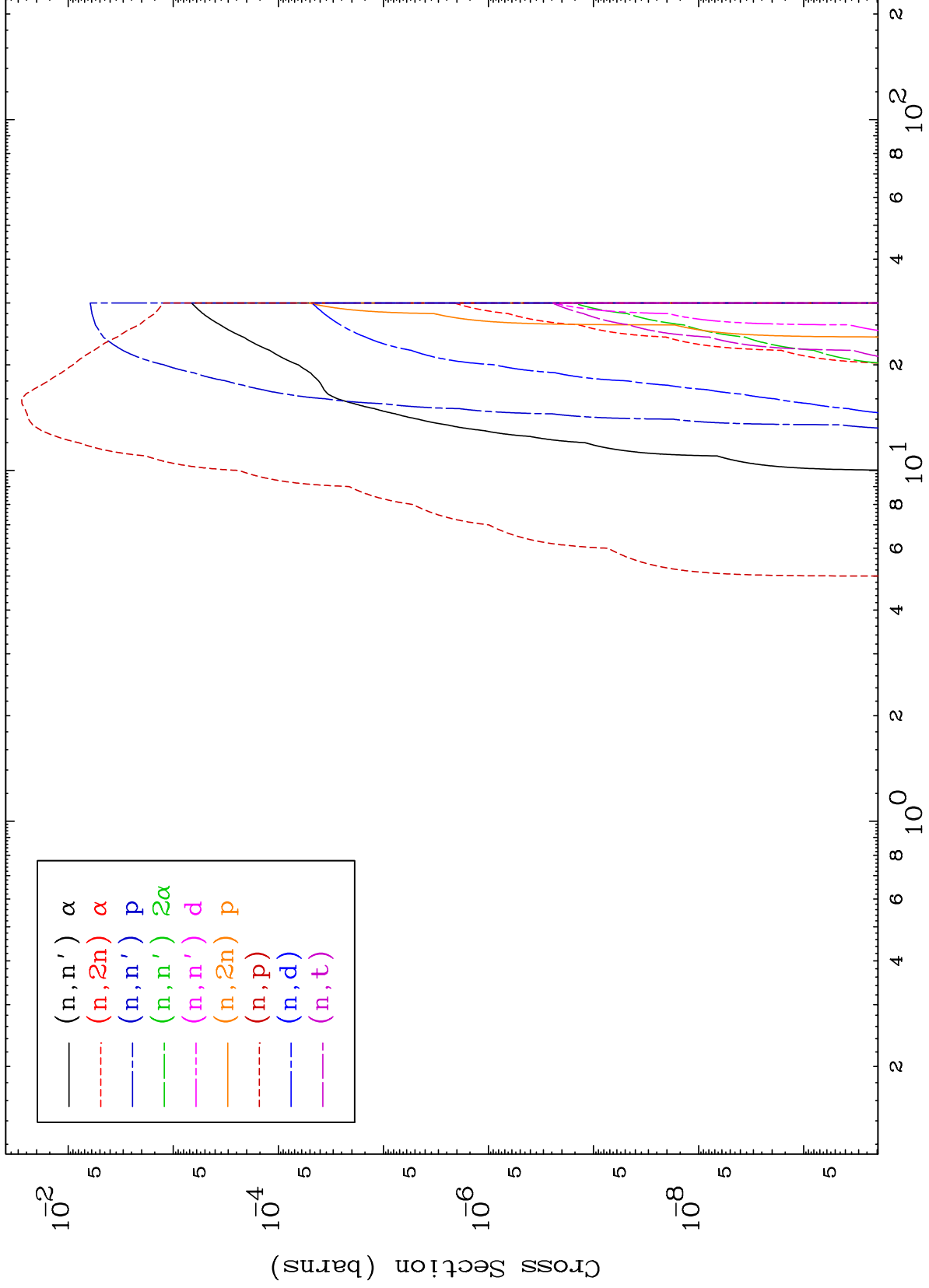




MAT 8181

Photon Charged Particle
0 Kelvin Cross Sections

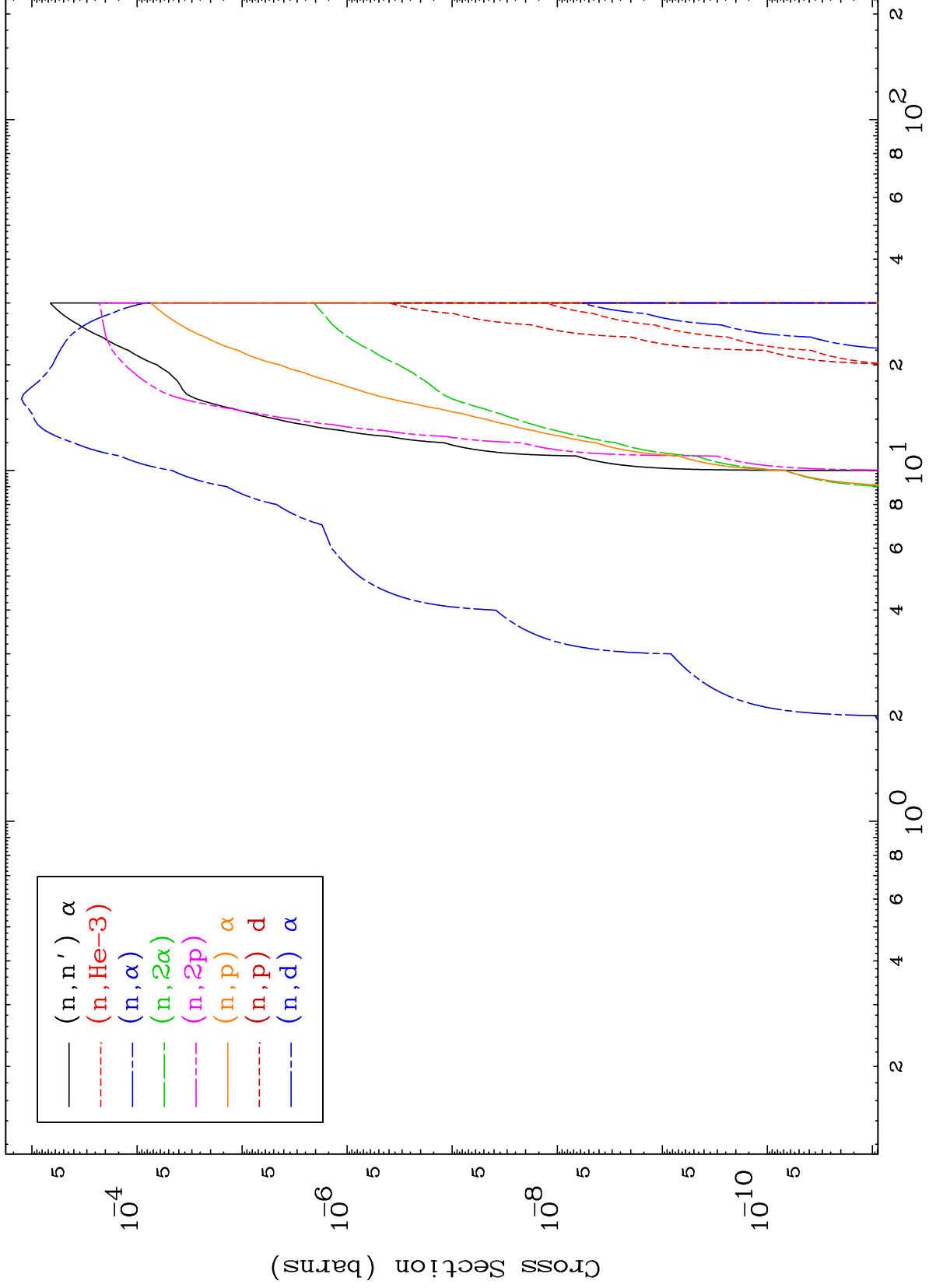
82-Pb-189m



MAT 8181

Photon Charged Particle
0 Kelvin Cross Sections

82-Pb-189m

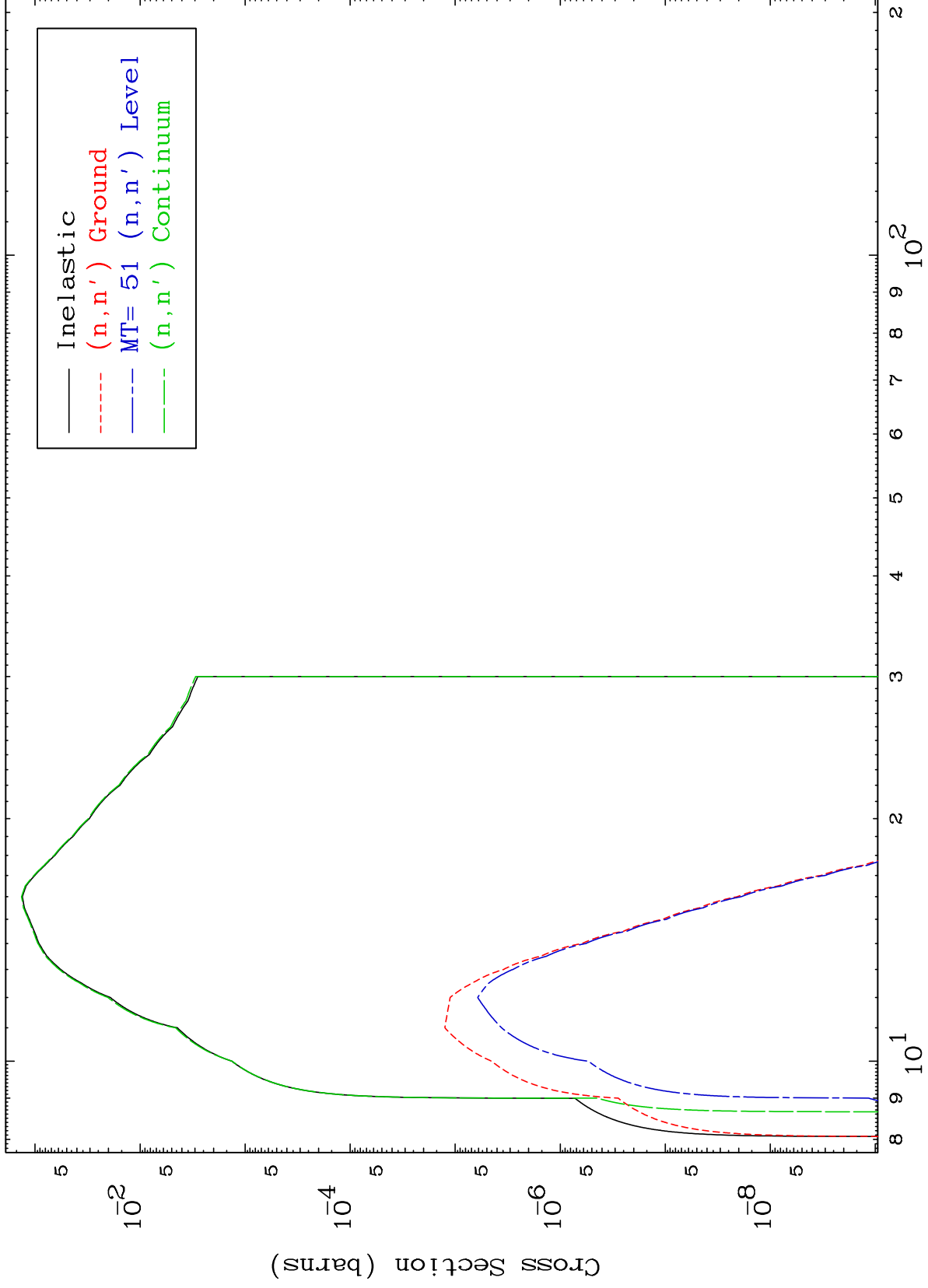


MAT 8181

(γ, n') Levels

82-Pb-189m

0 Kelvin Cross Sections



Incident Energy (MeV)

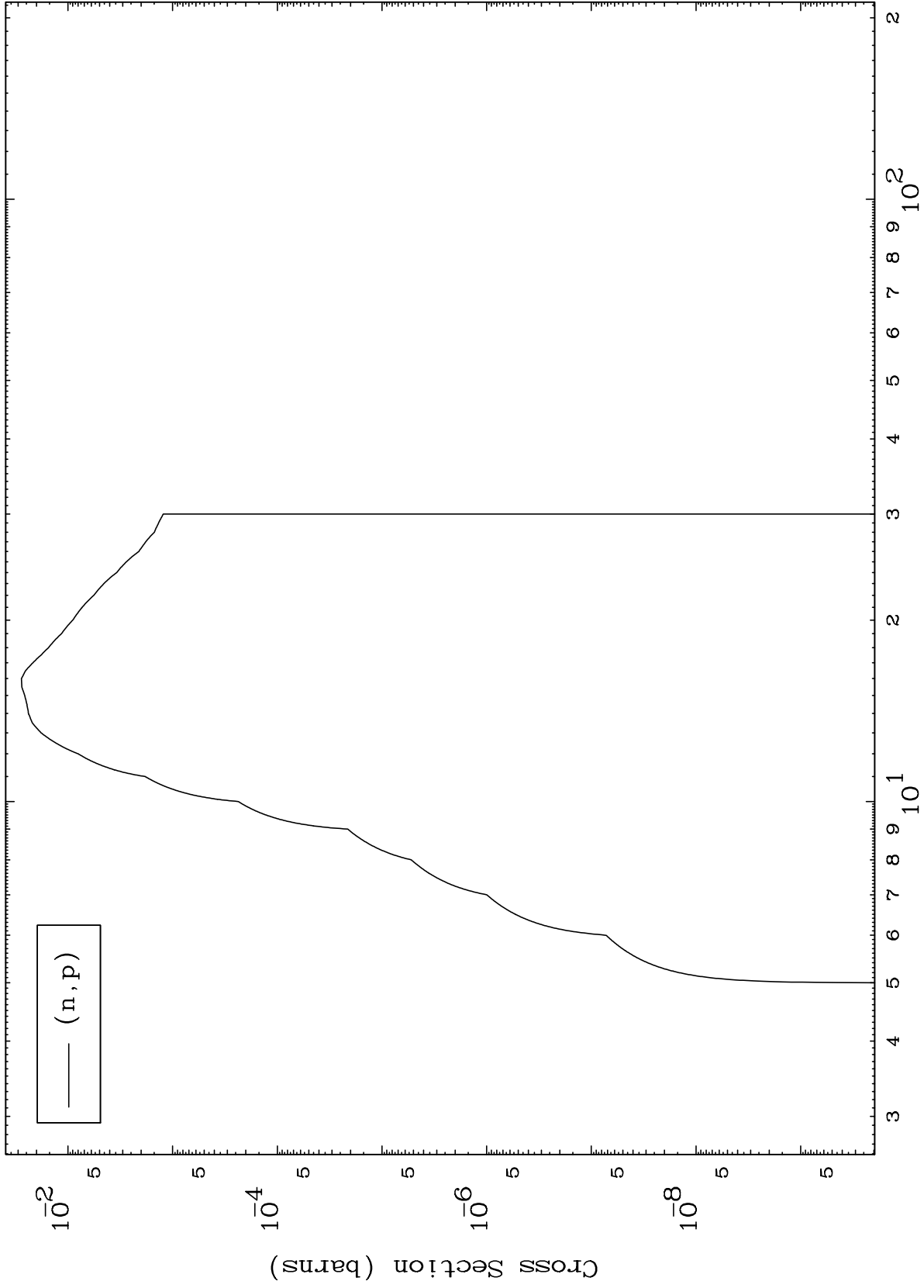
82-Pb-189m

6

MAT 8181

82-Pb-189m

(γ, p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

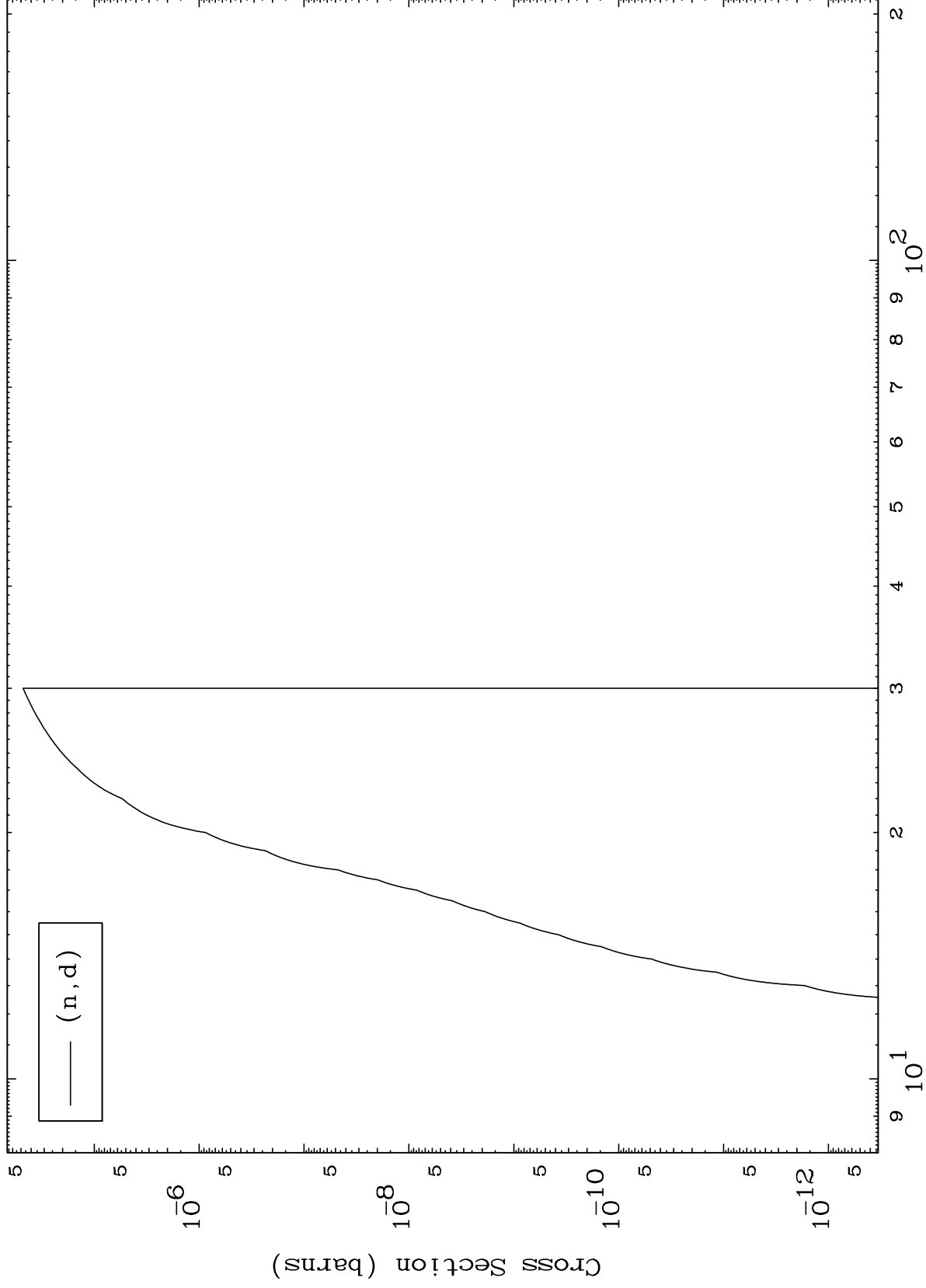
82-Pb-189m

MAT 8181

(γ, d) Levels

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

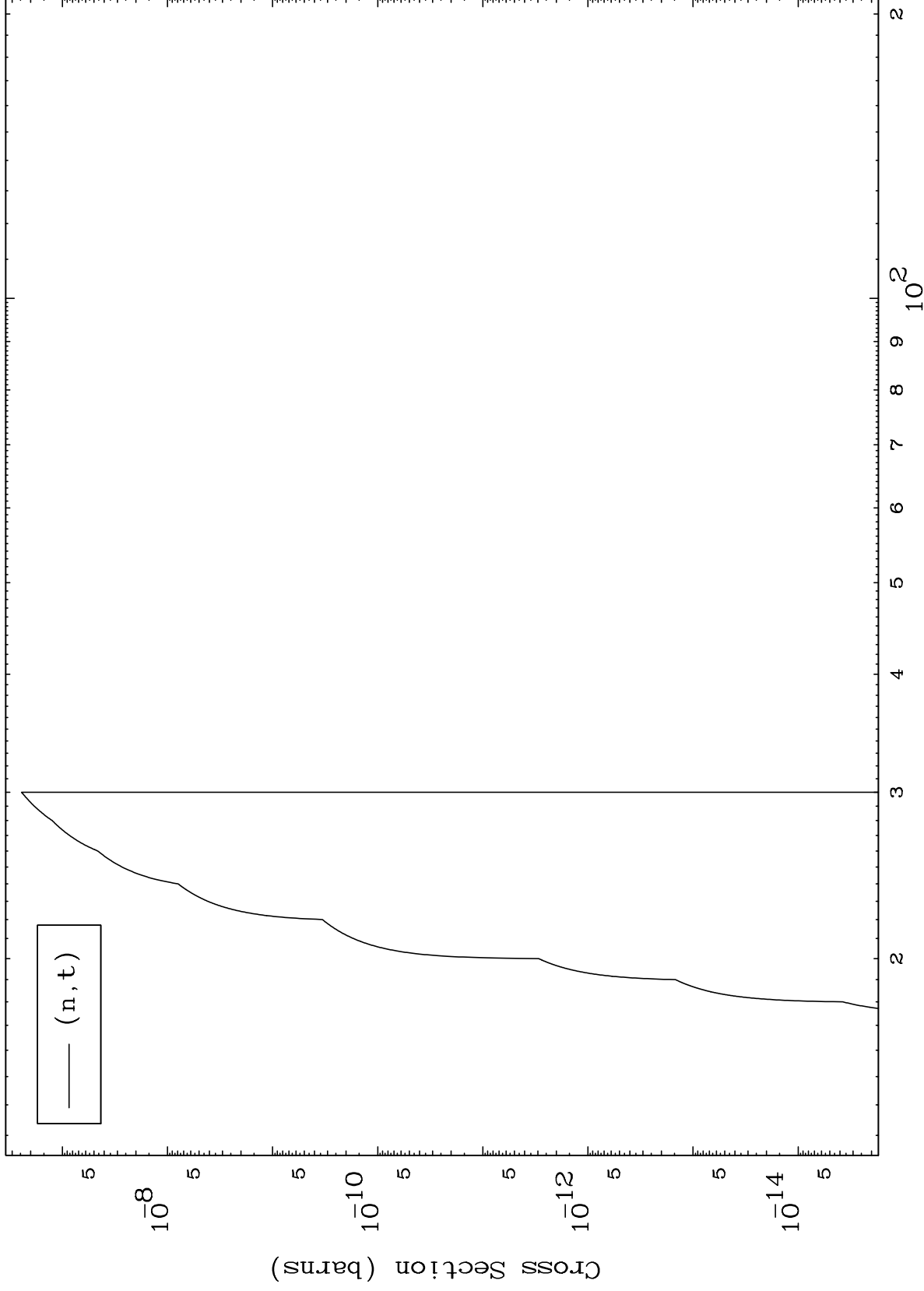
0 Kelvin Cross Sections



8

Incident Energy (MeV)

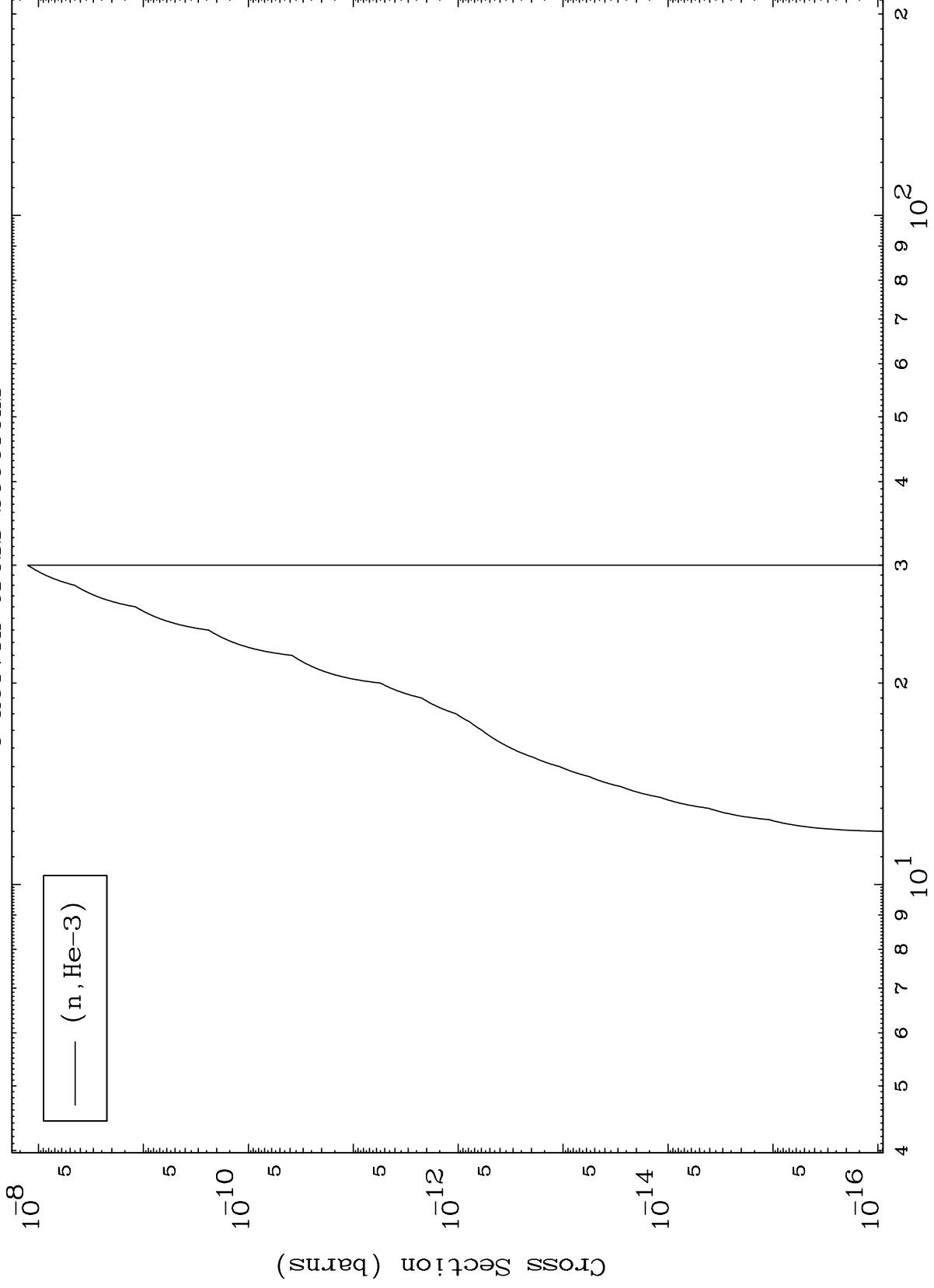
$^{82}\text{Pb}-189\text{m}$



MAT 8181

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

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



10

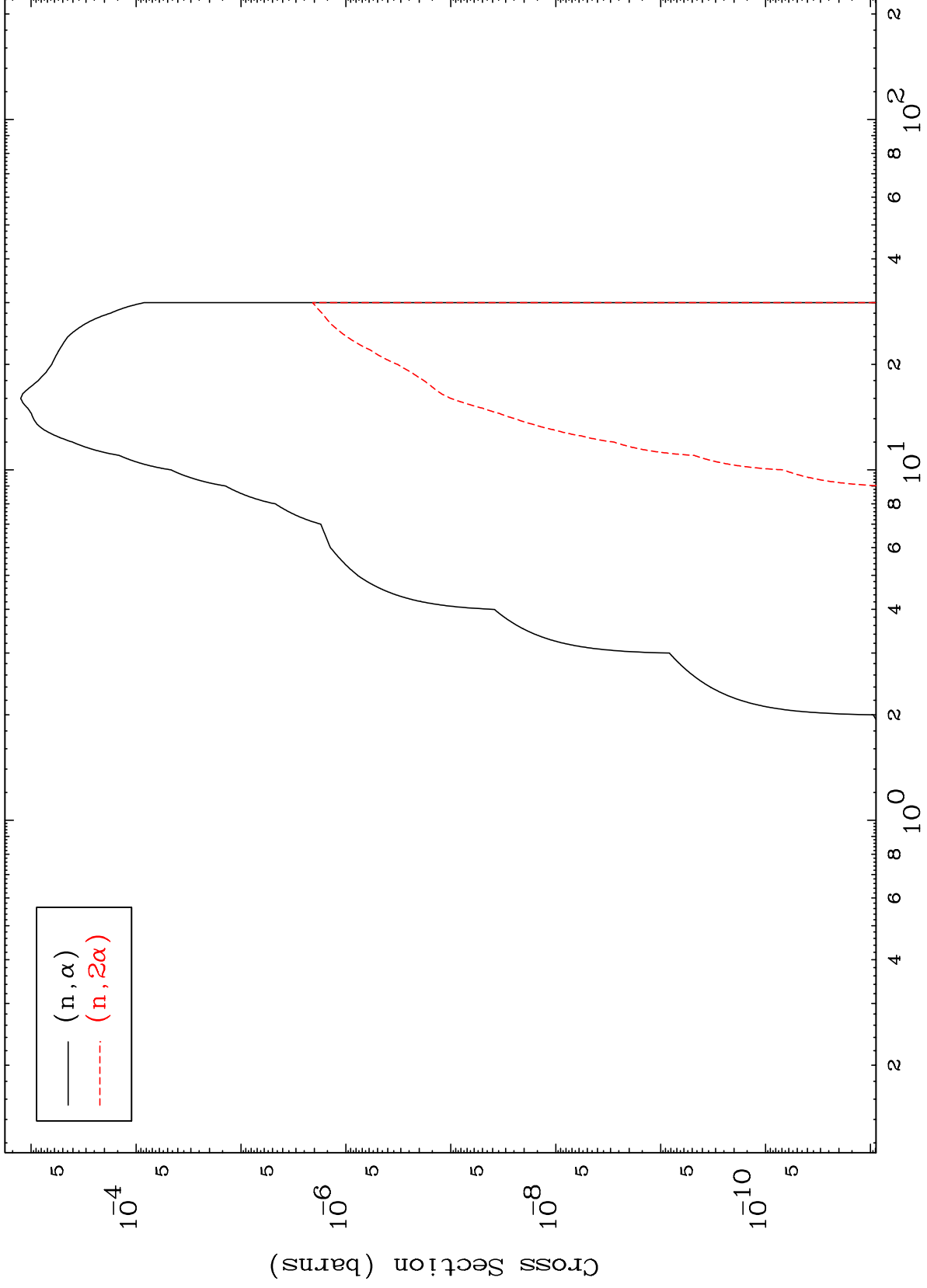
Incident Energy (MeV)

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

MAT 8181

(γ, α) Levels
0 Kelvin Cross Sections

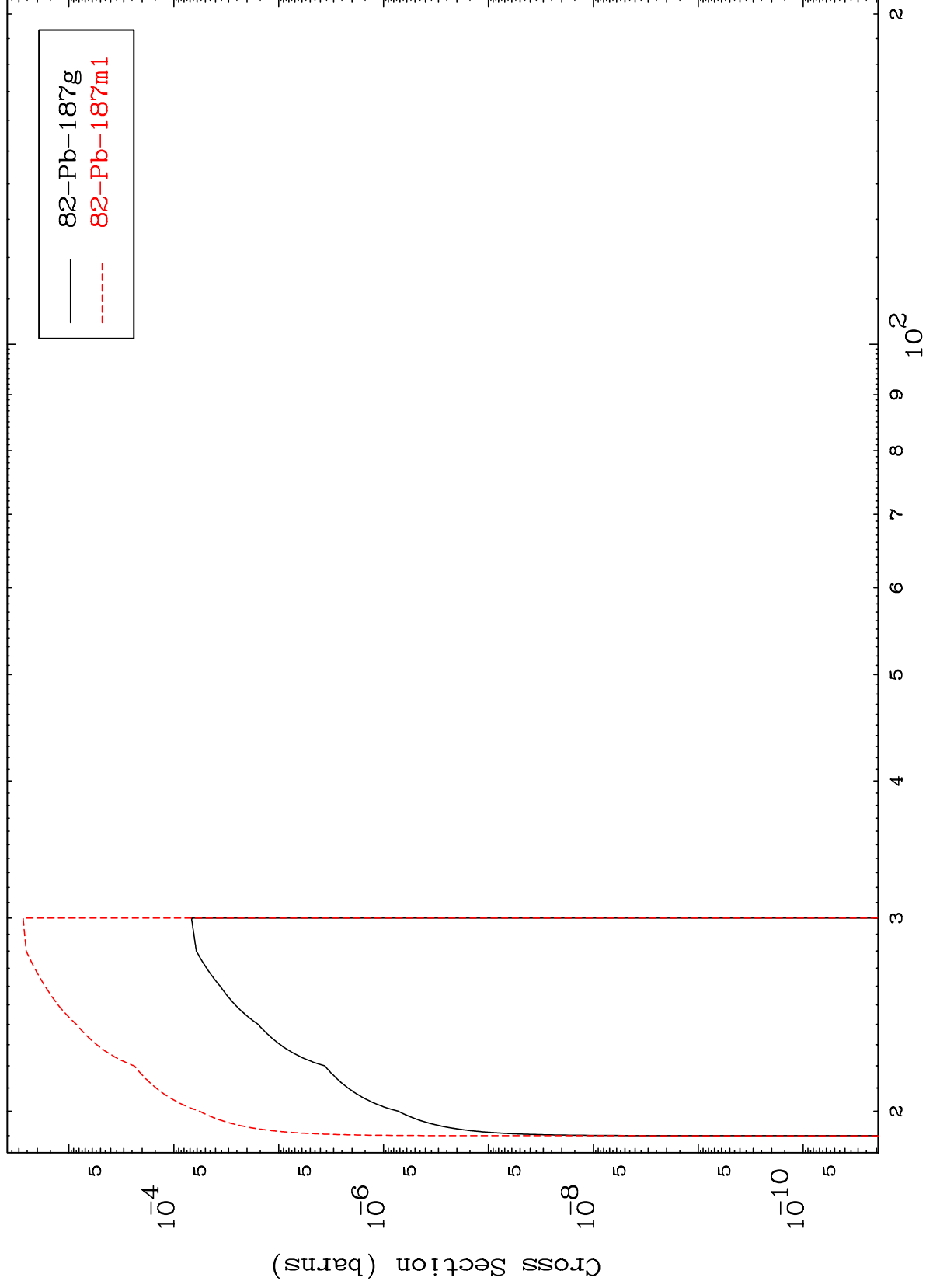
$^{82}\text{Pb}-189\text{m}$



MAT 8181

⁸²Pb-189m

(n,2n)
Radionuclide Production Cross Section



12

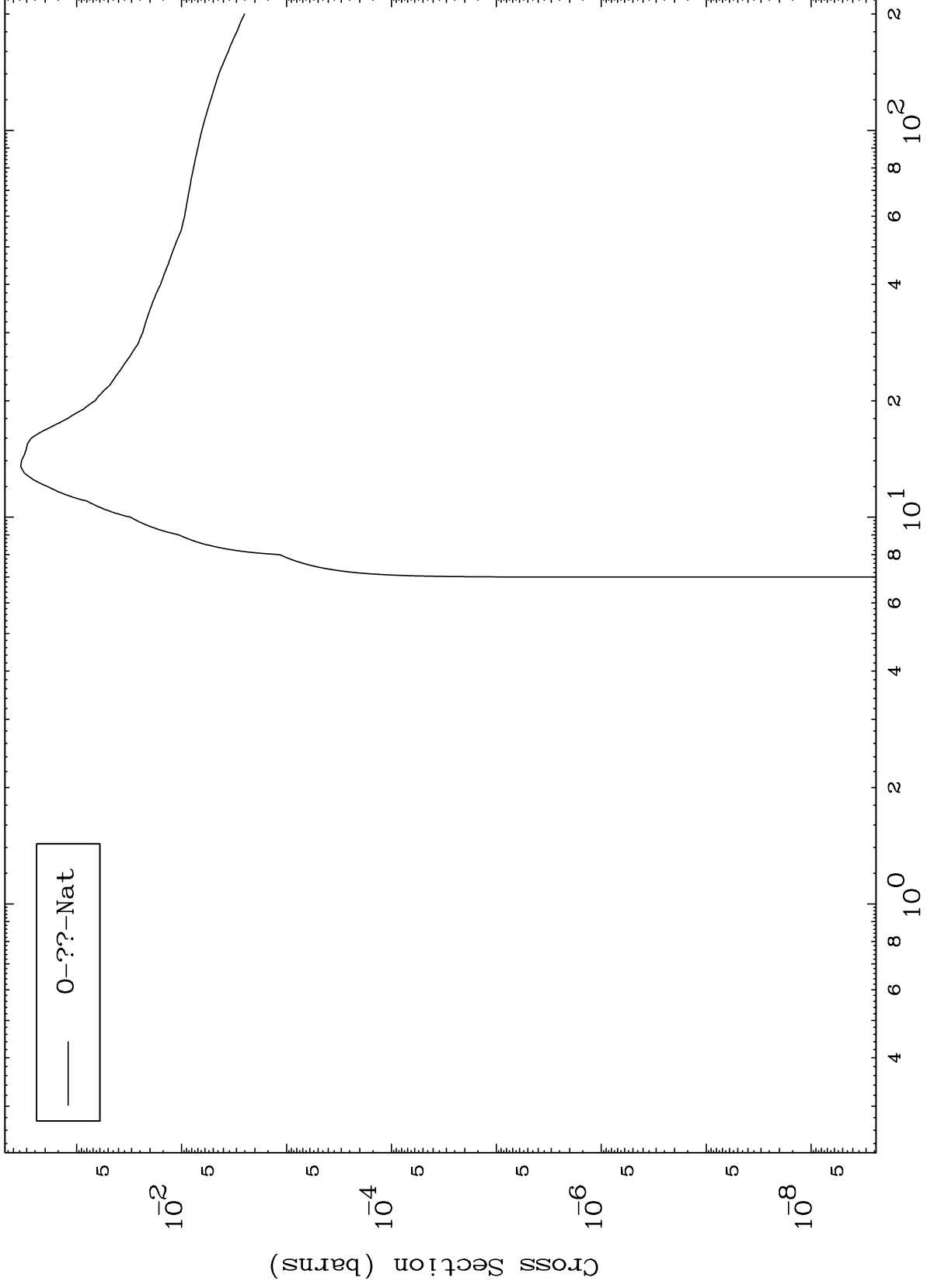
Incident Energy (MeV)

⁸²Pb-189m

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⁸²Pb-189m

Fission
Radionuclide Production Cross Section

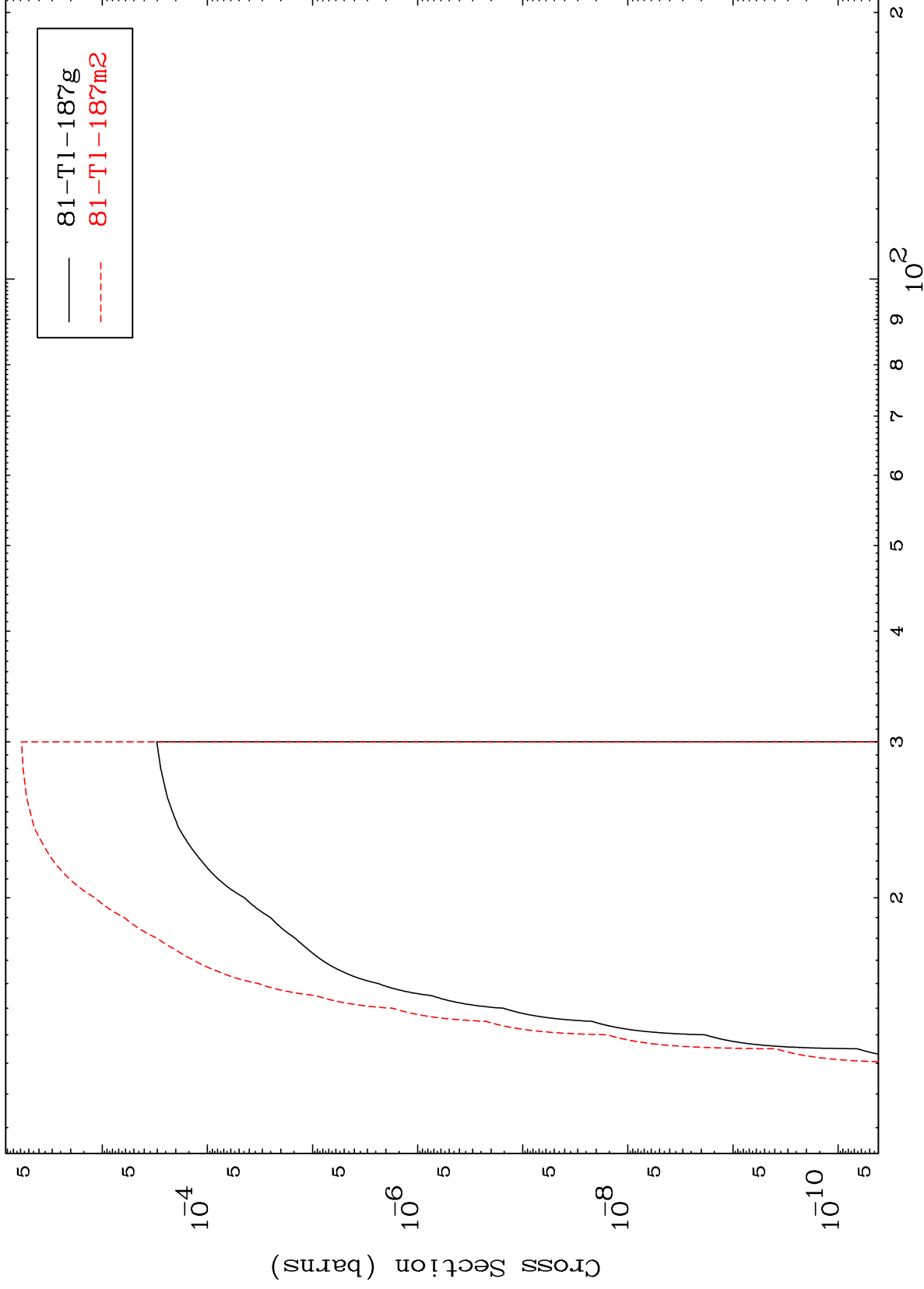


13

⁸²Pb-189m

Incident Energy (MeV)

Radionuclide Production Cross Section

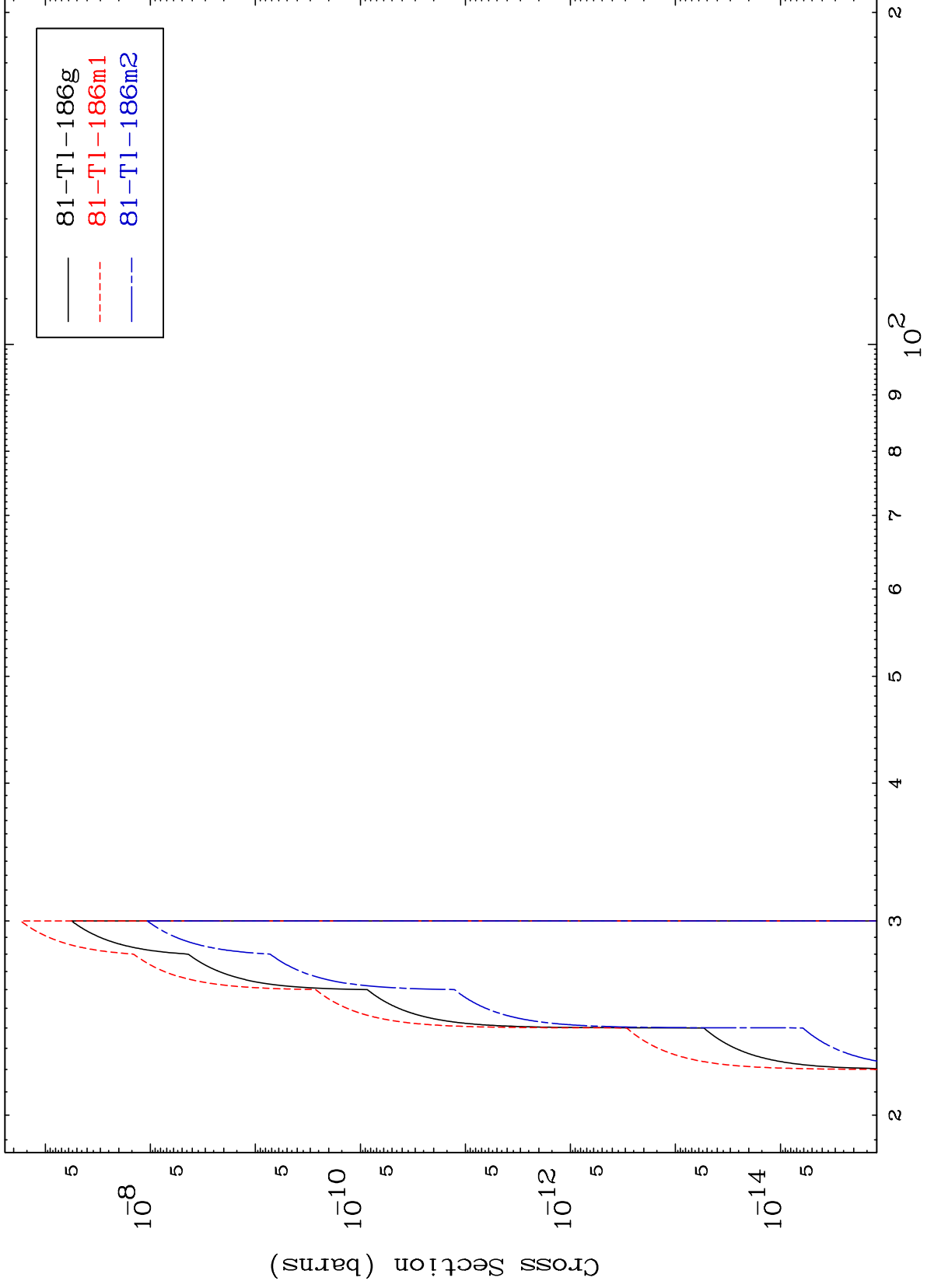


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(n,n') d

82-Pb-189m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

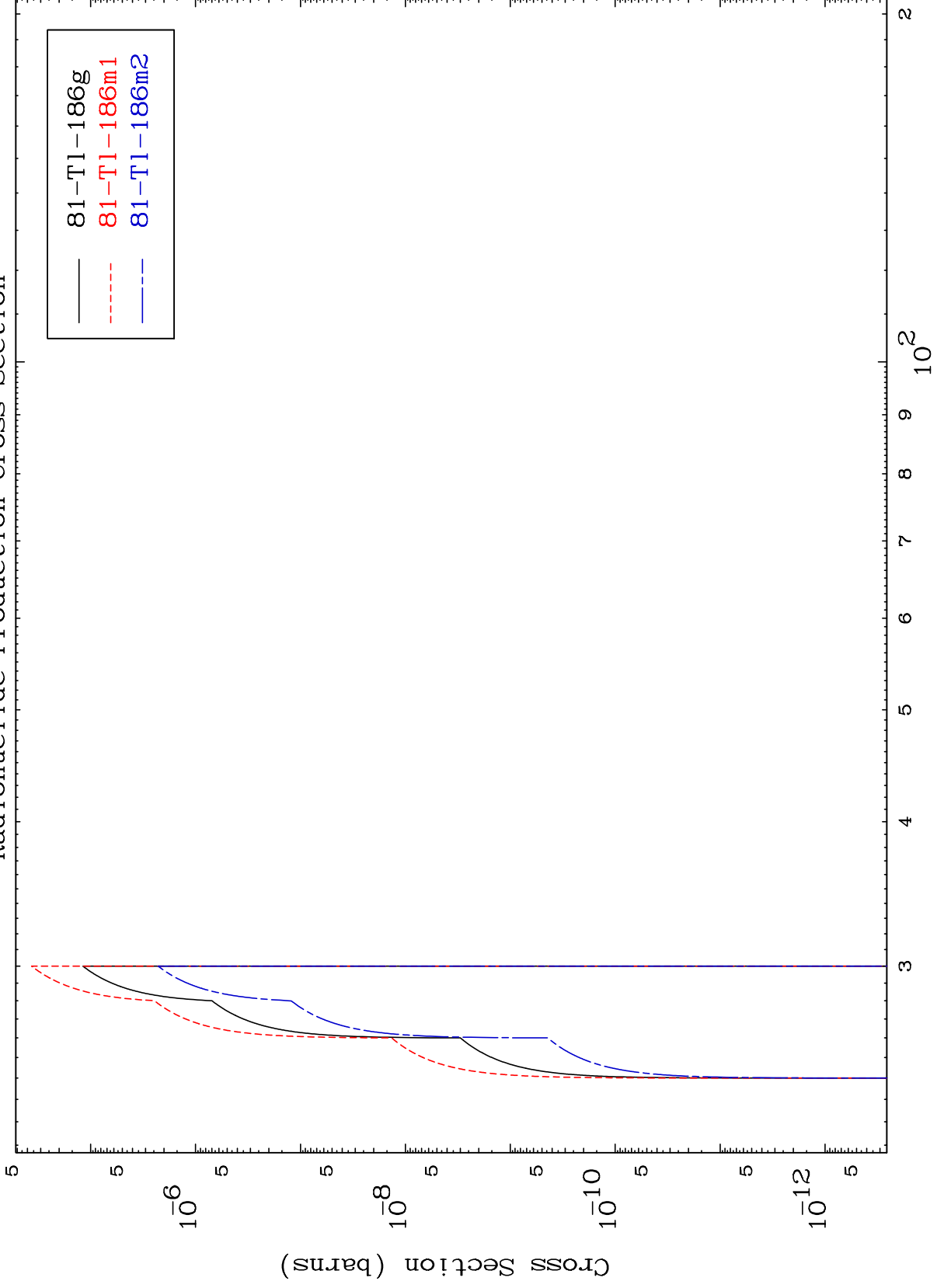
82-Pb-189m

MAT 8181

(n,2n) p

82-Pb-189m

Radionuclide Production Cross Section



16

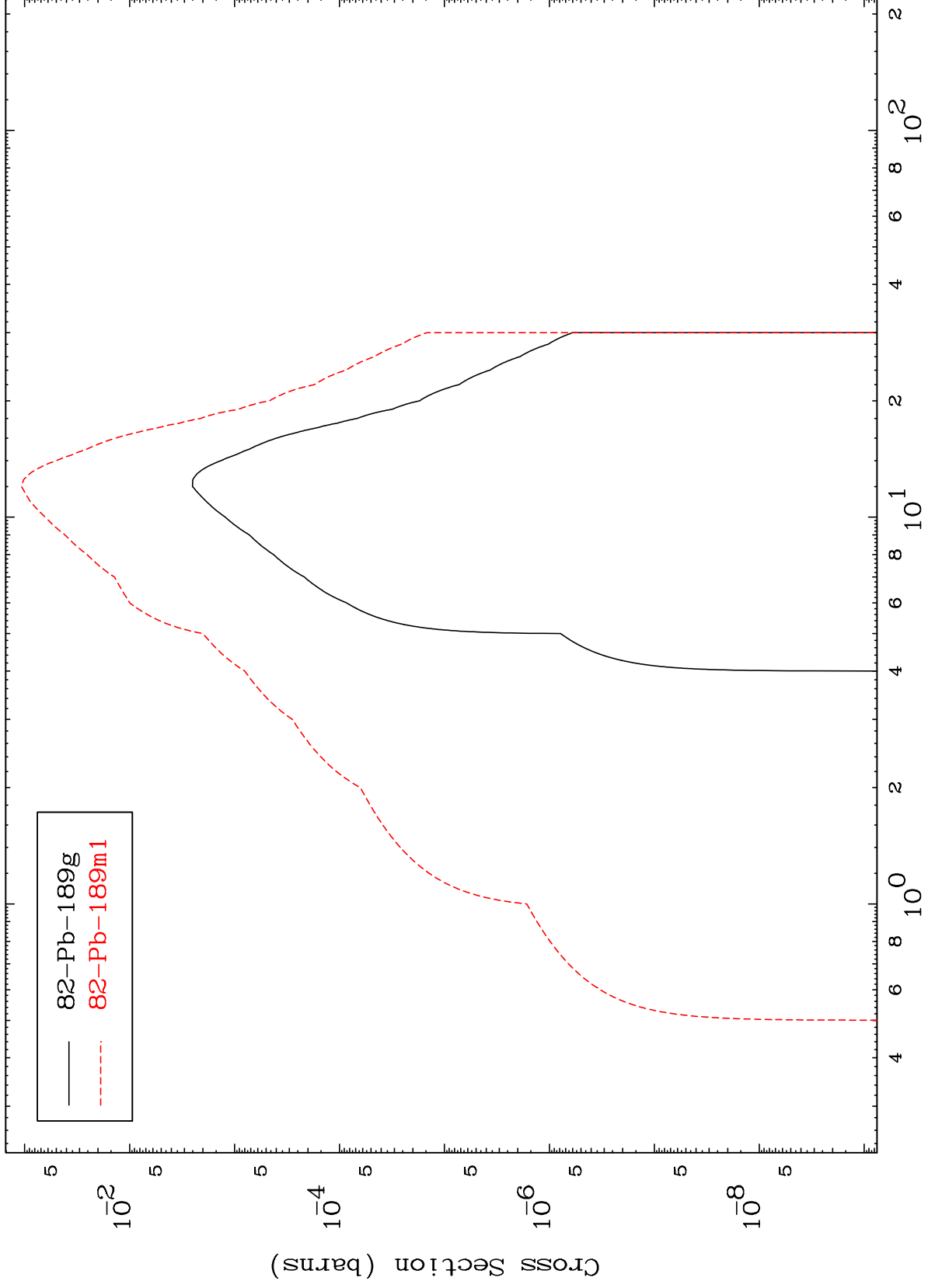
Incident Energy (MeV)

82-Pb-189m

MAT 8181

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

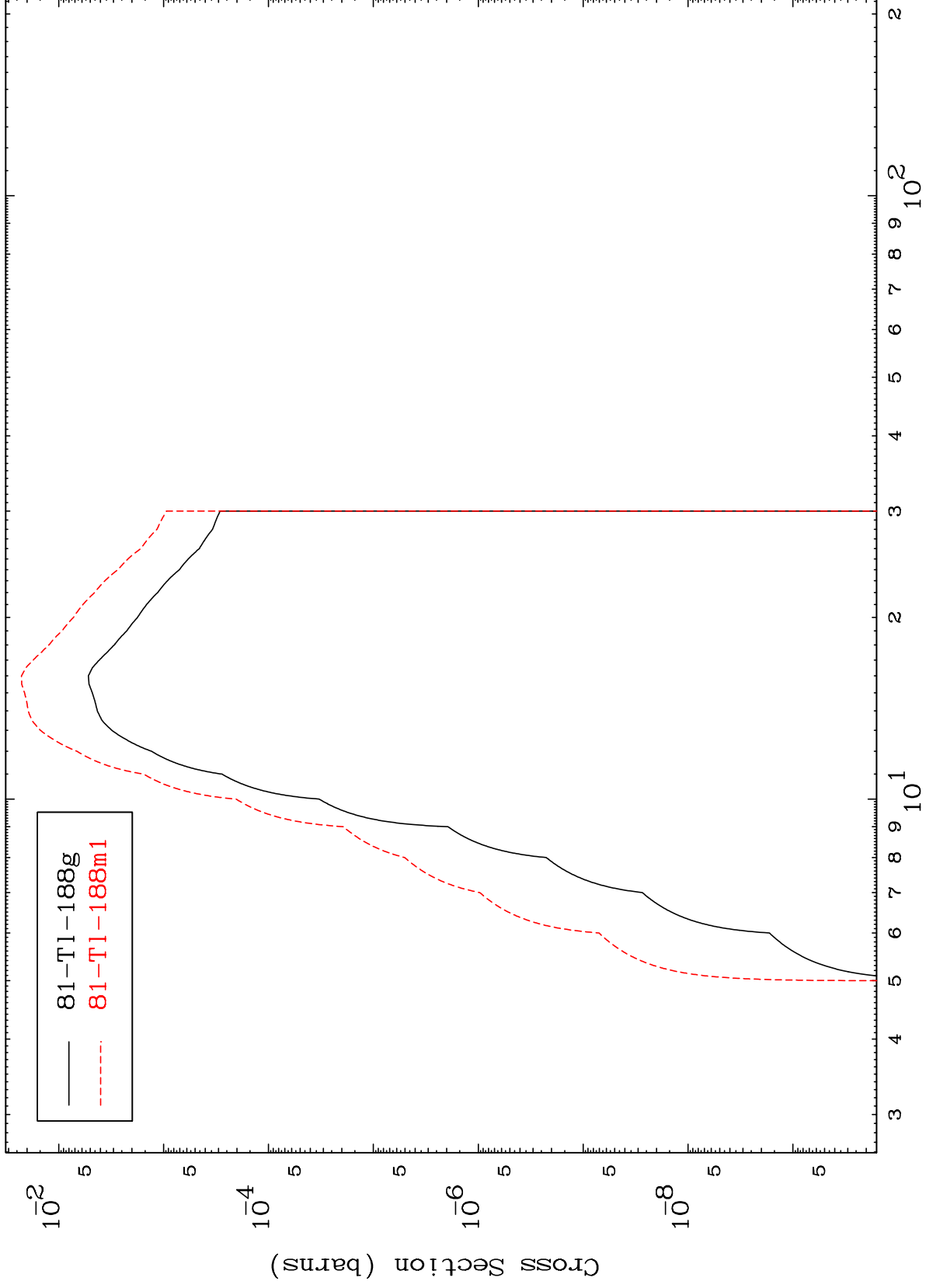
Radionuclide Production Cross Section
(n, γ)



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82-Pb-189m

(n,p)
Radionuclide Production Cross Section



18

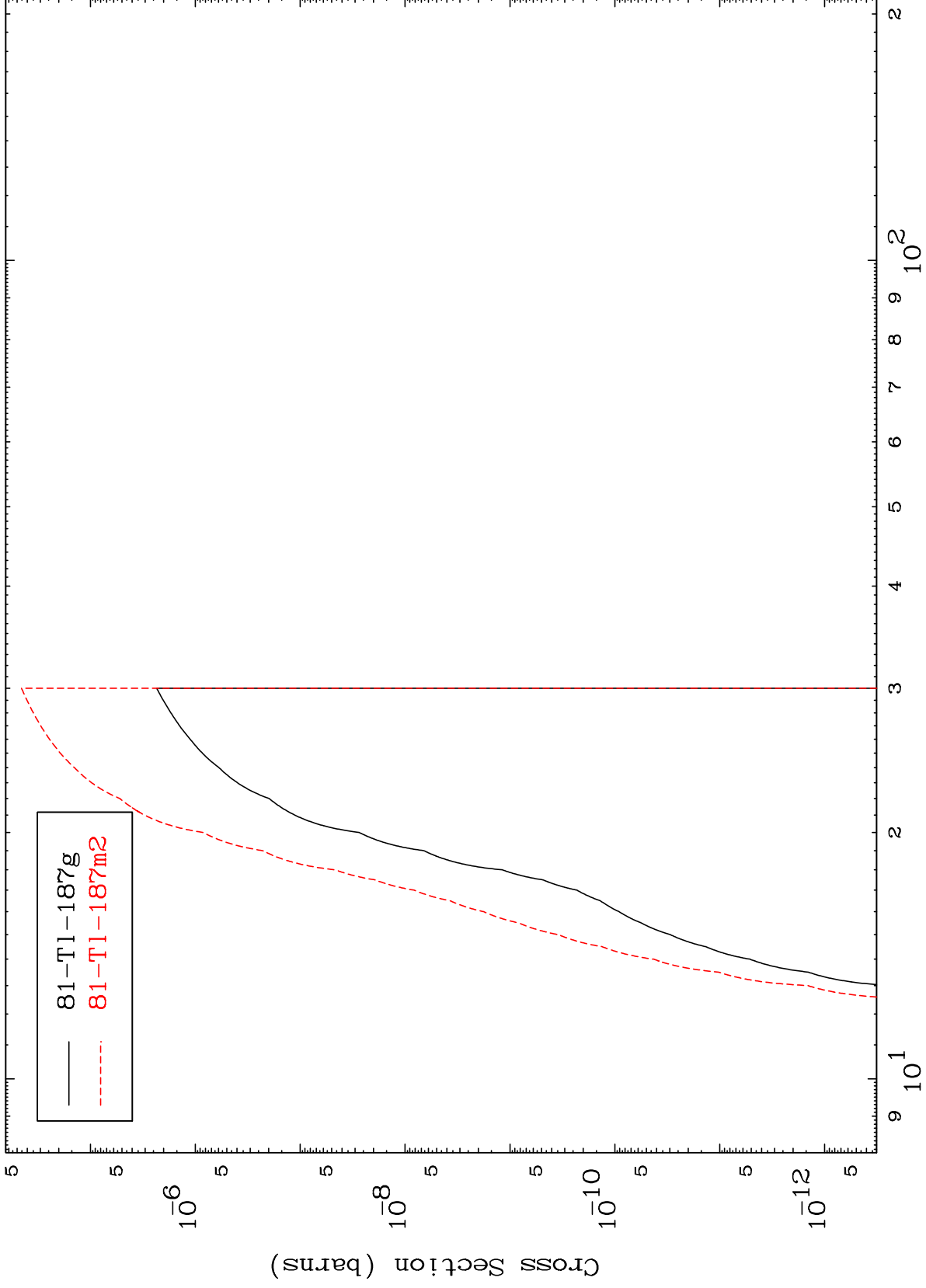
Incident Energy (MeV)

82-Pb-189m

MAT 8181

⁸²Pb-189m

(n,d)
Radionuclide Production Cross Section

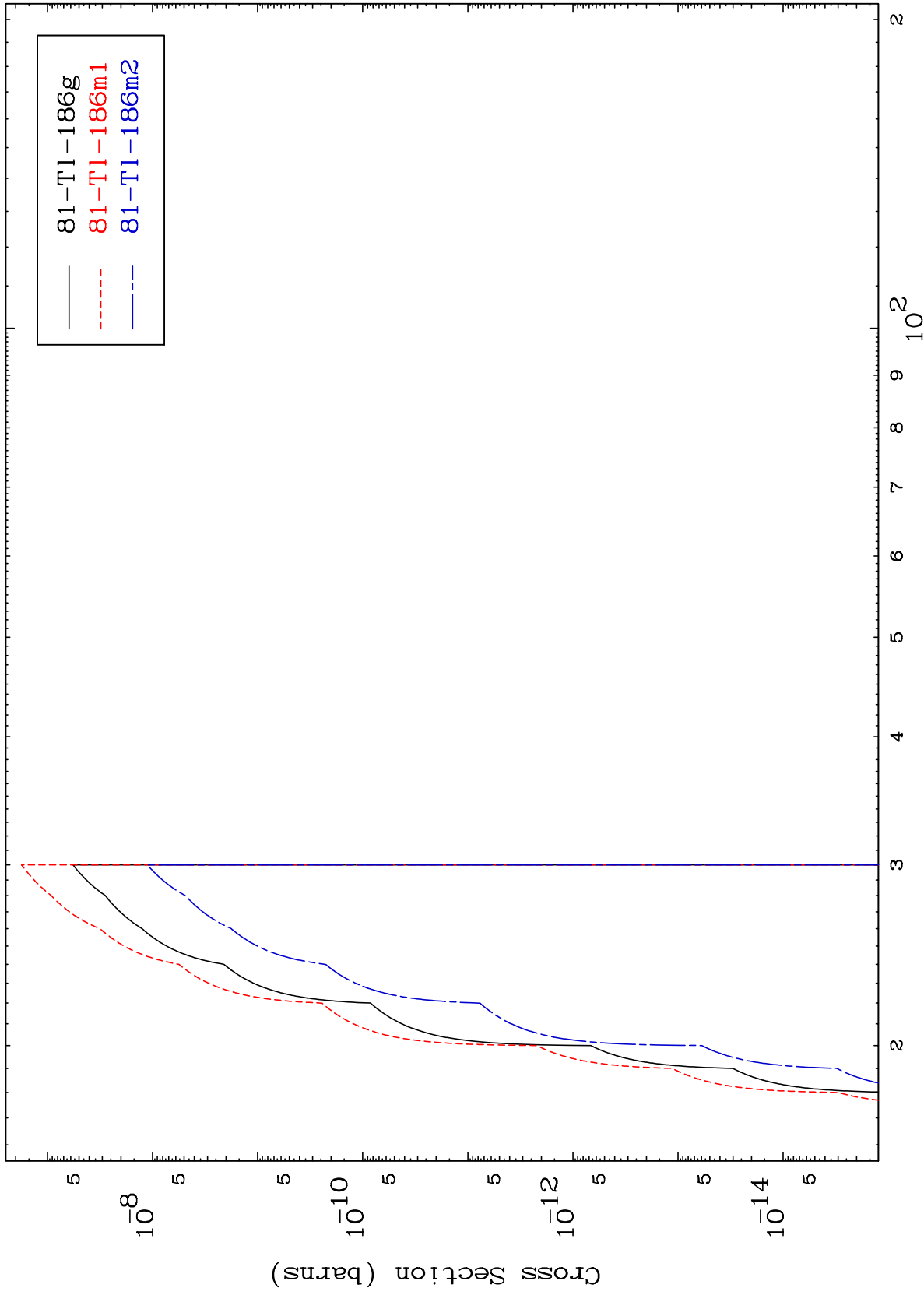


19

Incident Energy (MeV)

⁸²Pb-189m

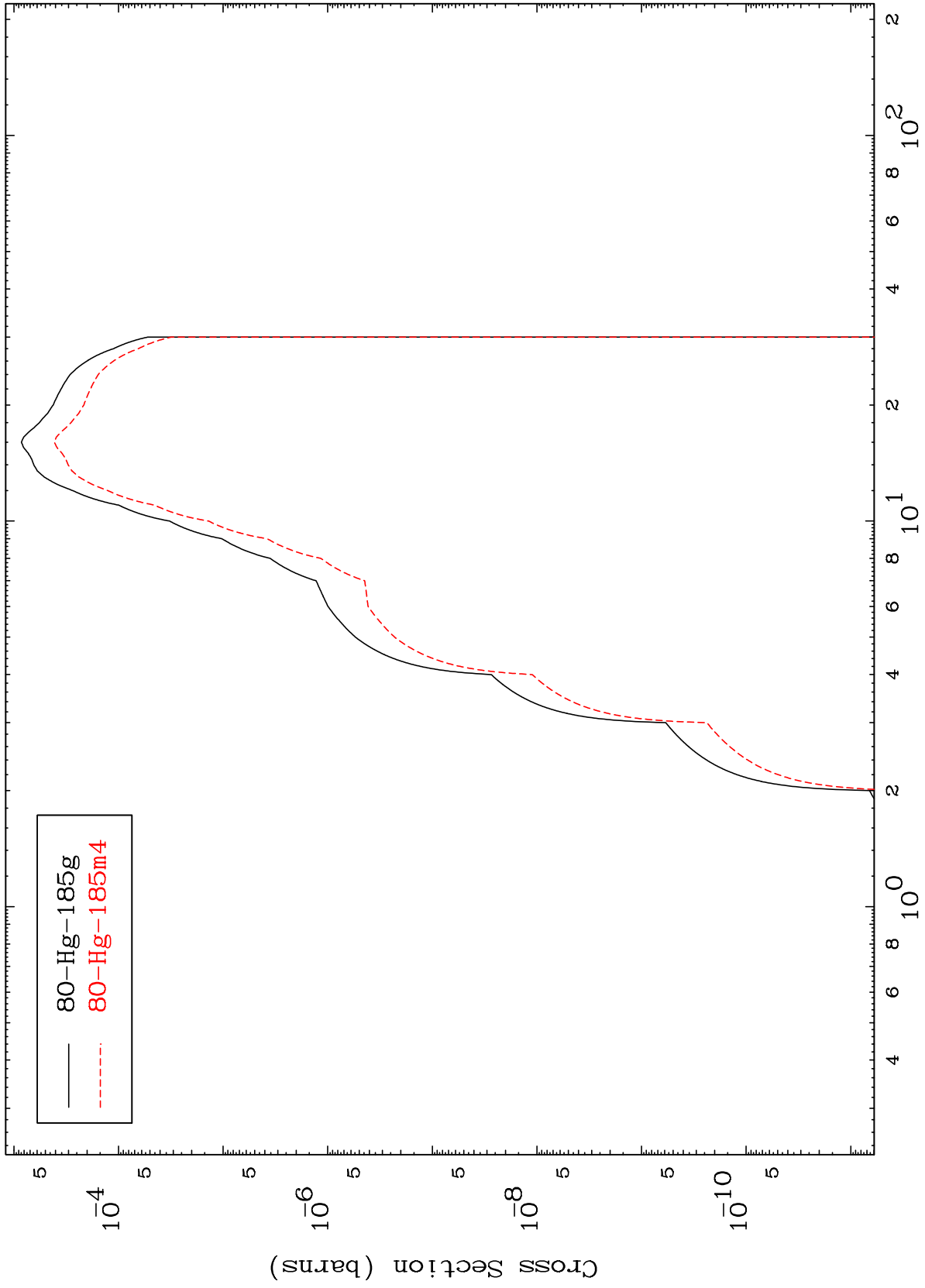
(n, t)
Radionuclide Production Cross Section



MAT 8181

⁸²Pb-189m

(n, α)
Radionuclide Production Cross Section



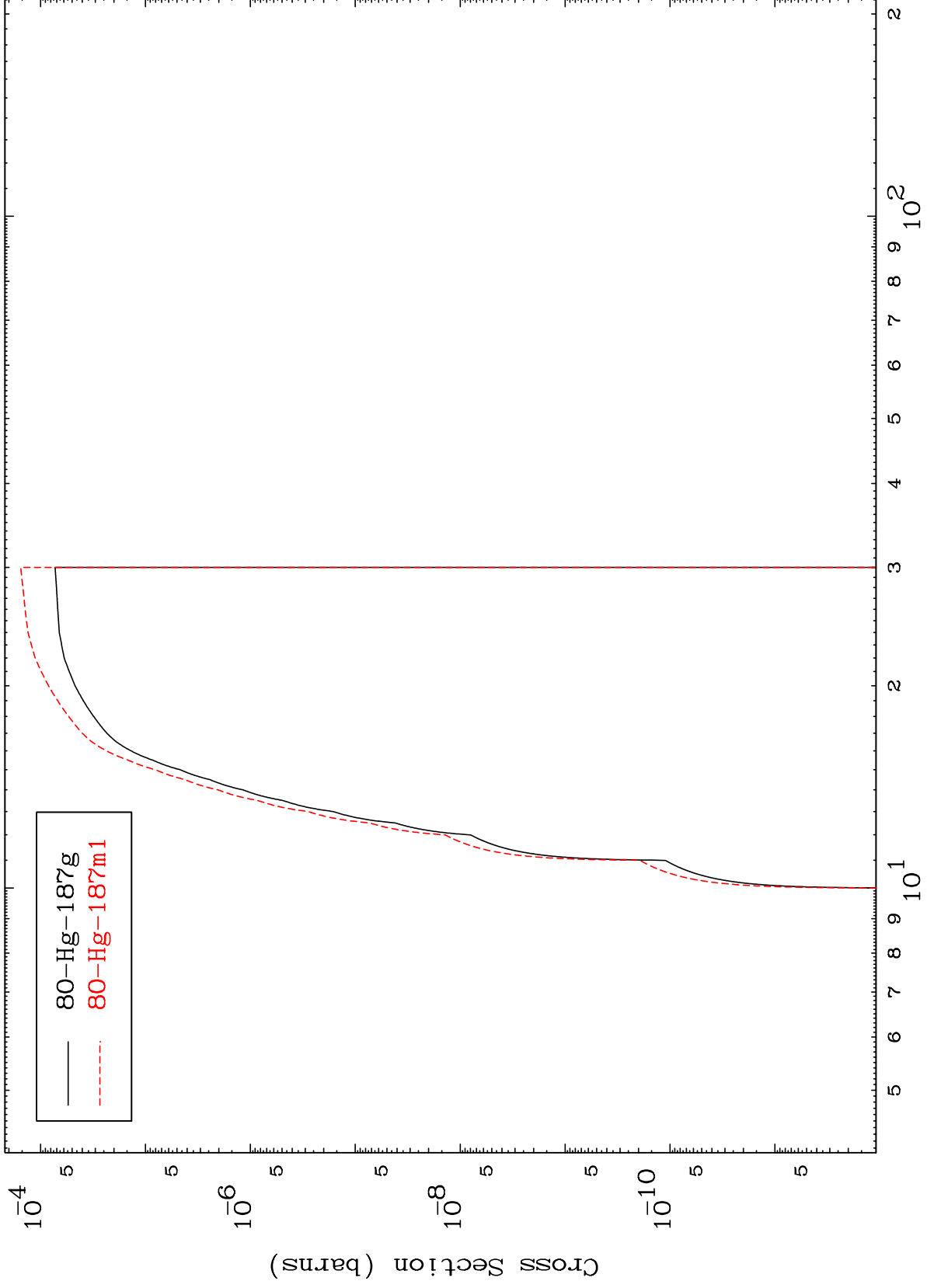
⁸²Pb-189m

Incident Energy (MeV)

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⁸²Pb-189m

Radionuclide Production Cross Section (n,2p)



22

Incident Energy (MeV)

⁸²Pb-189m

MAT 8181

(n,p) α

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

Radionuclide Production Cross Section

