

Program EVALPLOT
(Version 2021-1)

by

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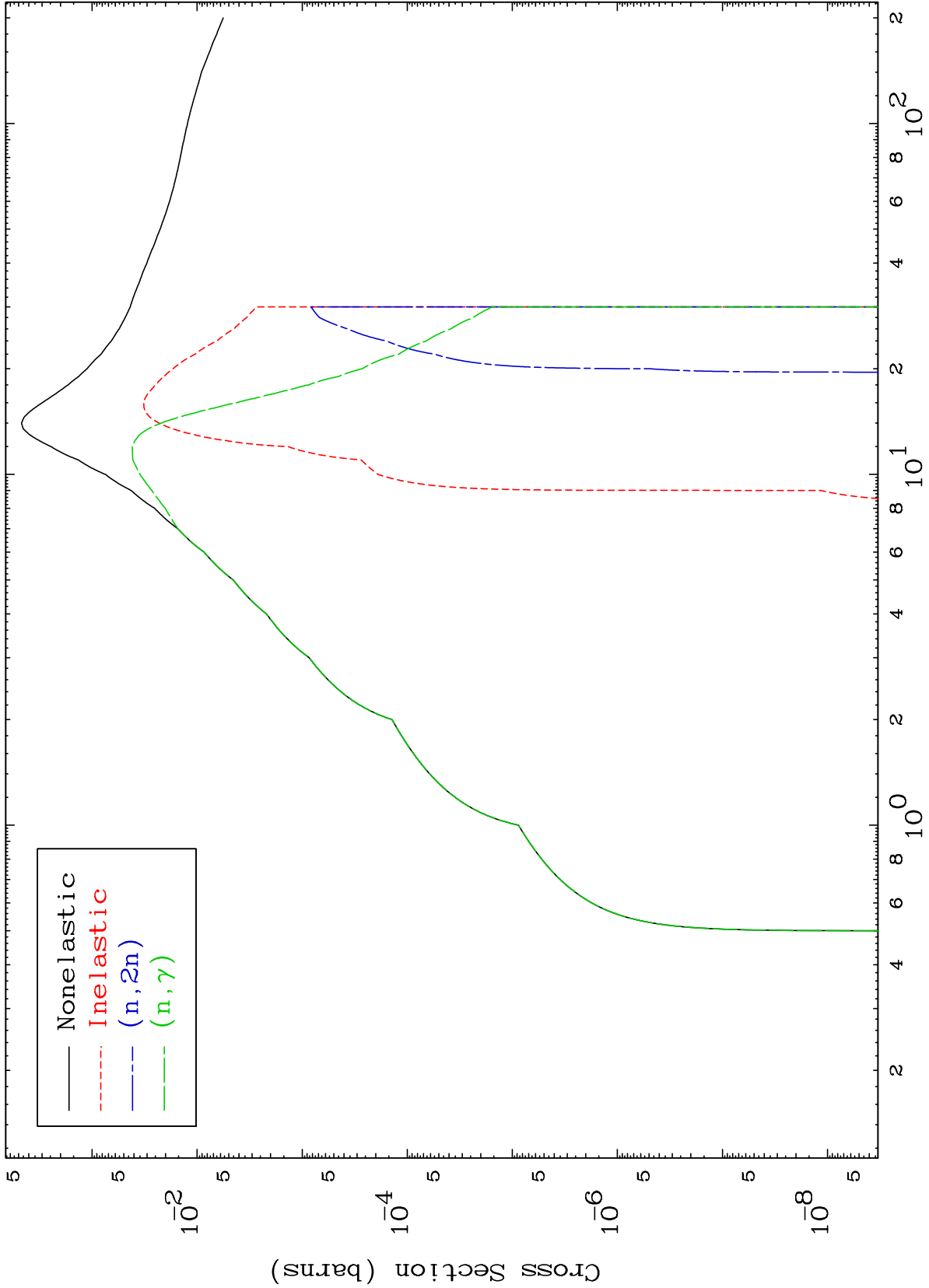
Press Mouse Button to Start

MAT 8175

Photon Major

82-Pb-187m

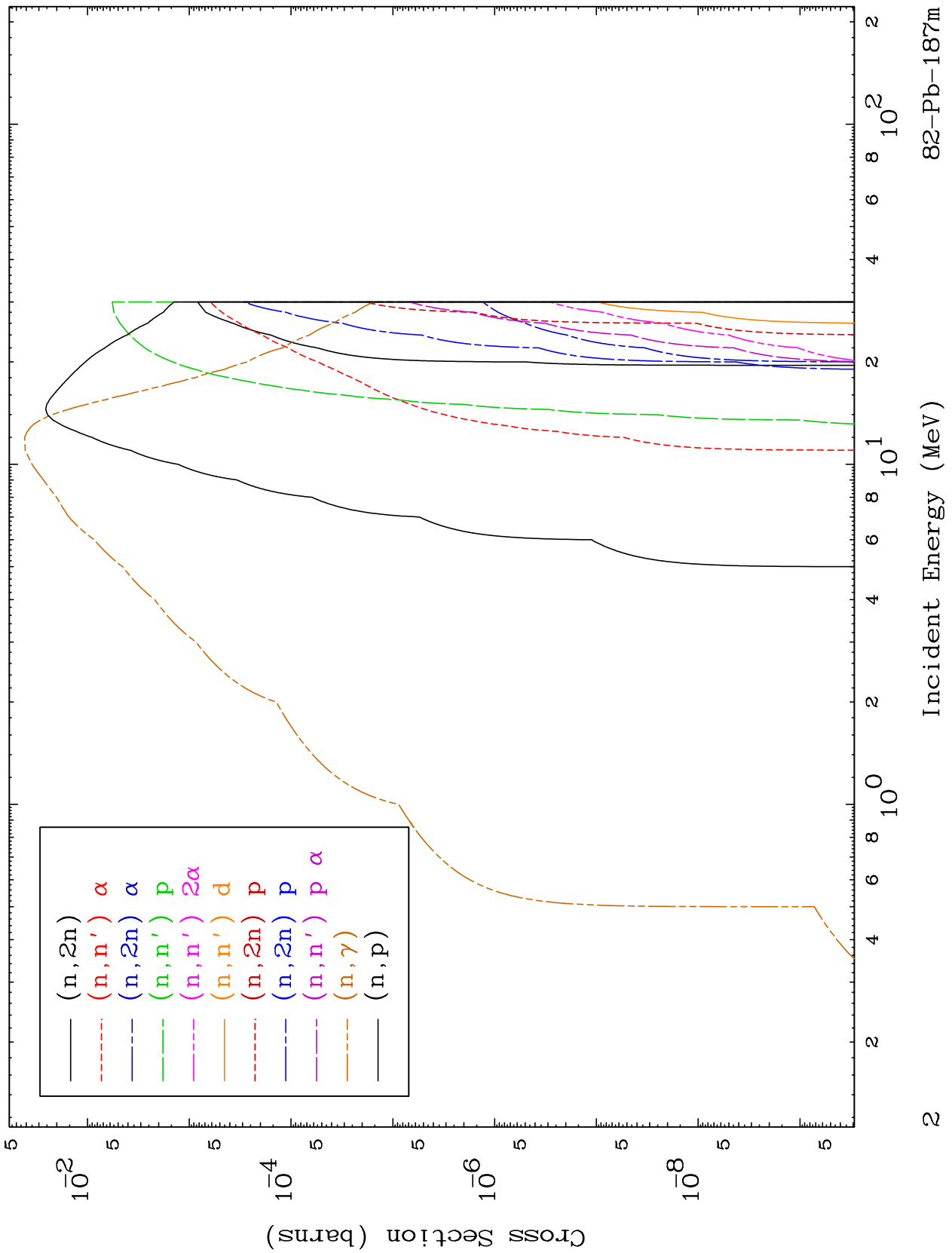
0 Kelvin Cross Sections

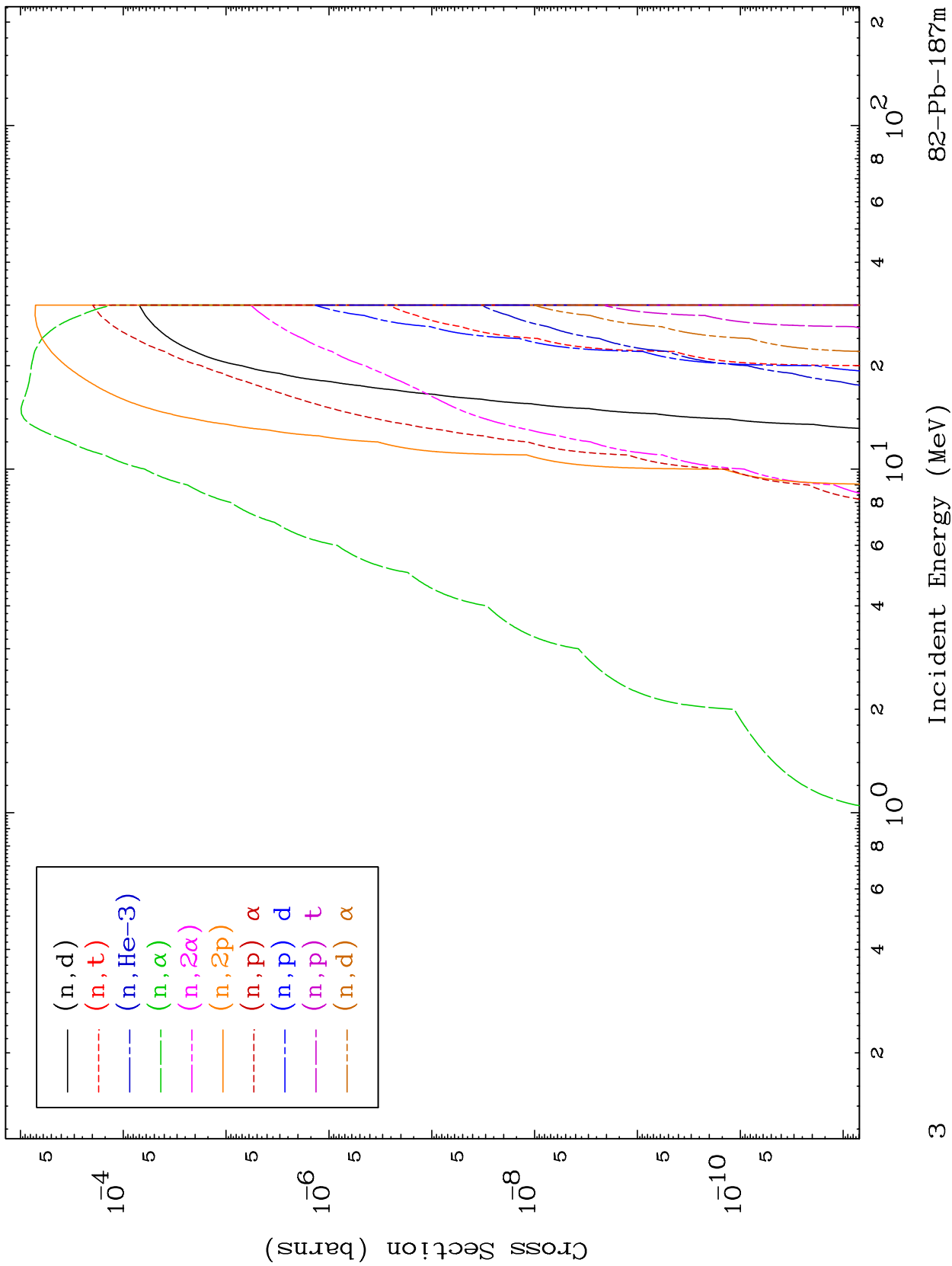


MAT 8175

Photon Neutron Absorption
0 Kelvin Cross Sections

82-Pb-187m

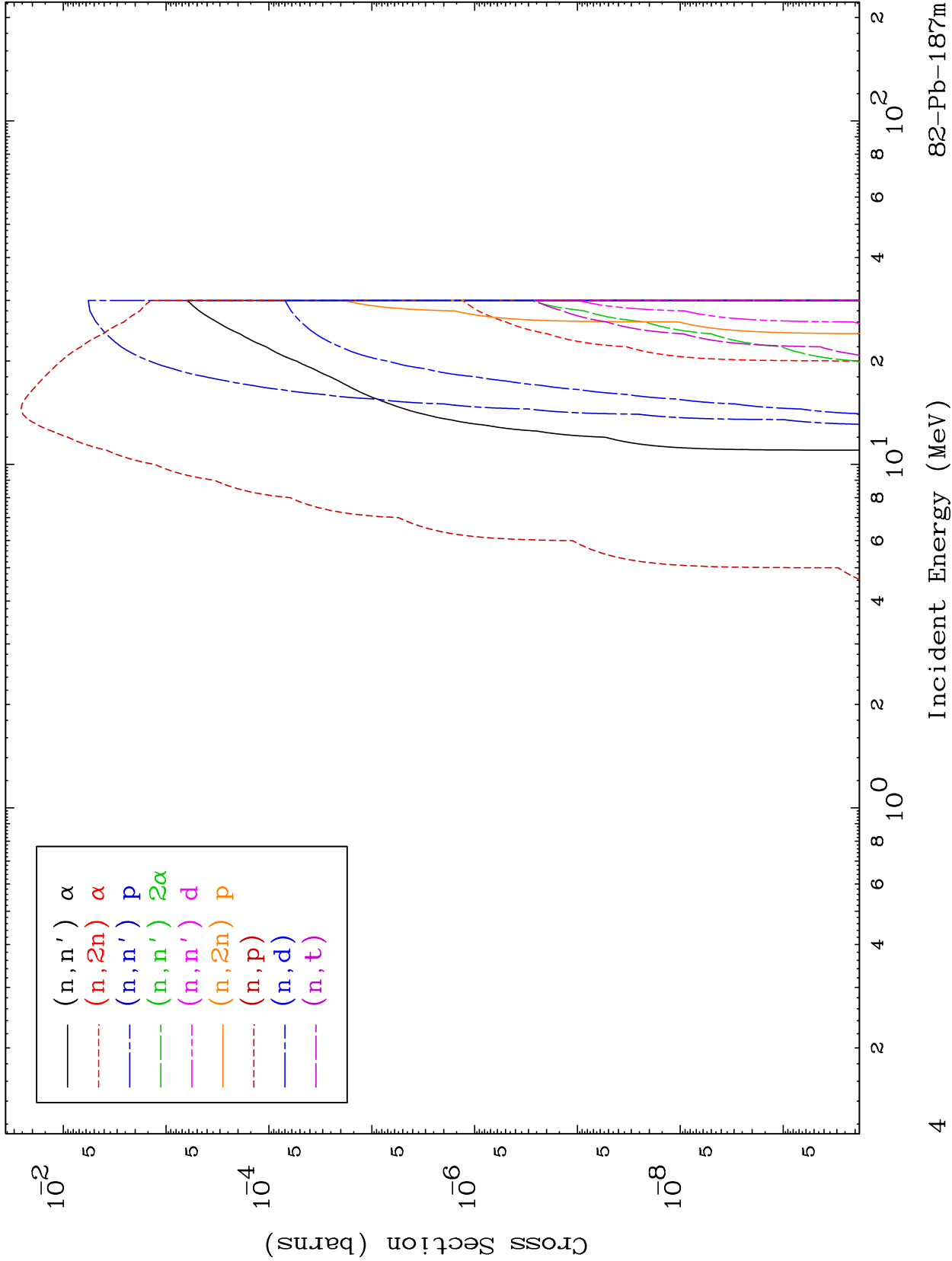




MAT 8175

Photon Charged Particle
0 Kelvin Cross Sections

82-Pb-187m

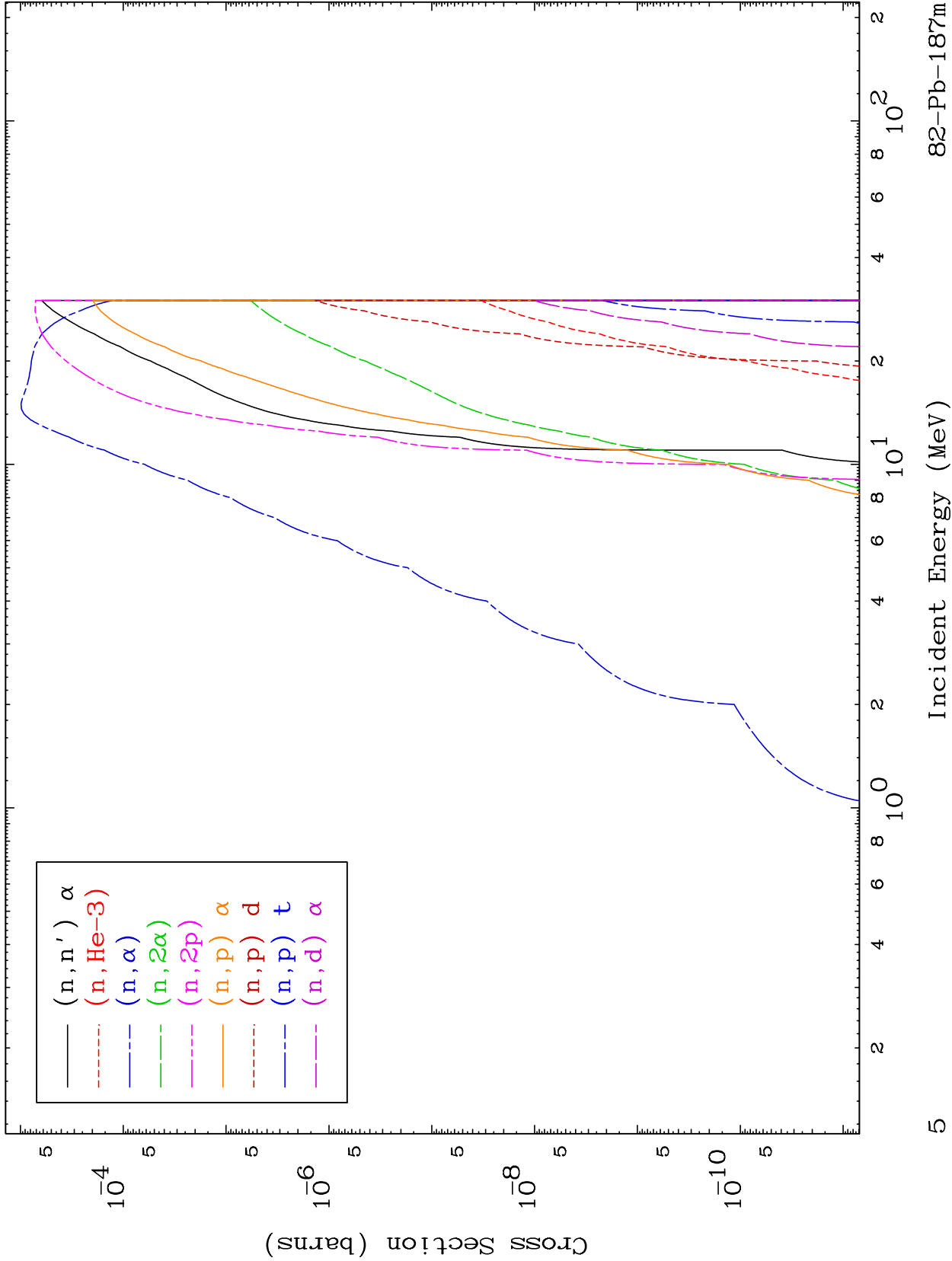


82-Pb-187m

MAT 8175

Photon Charged Particle
0 Kelvin Cross Sections

82-Pb-187m

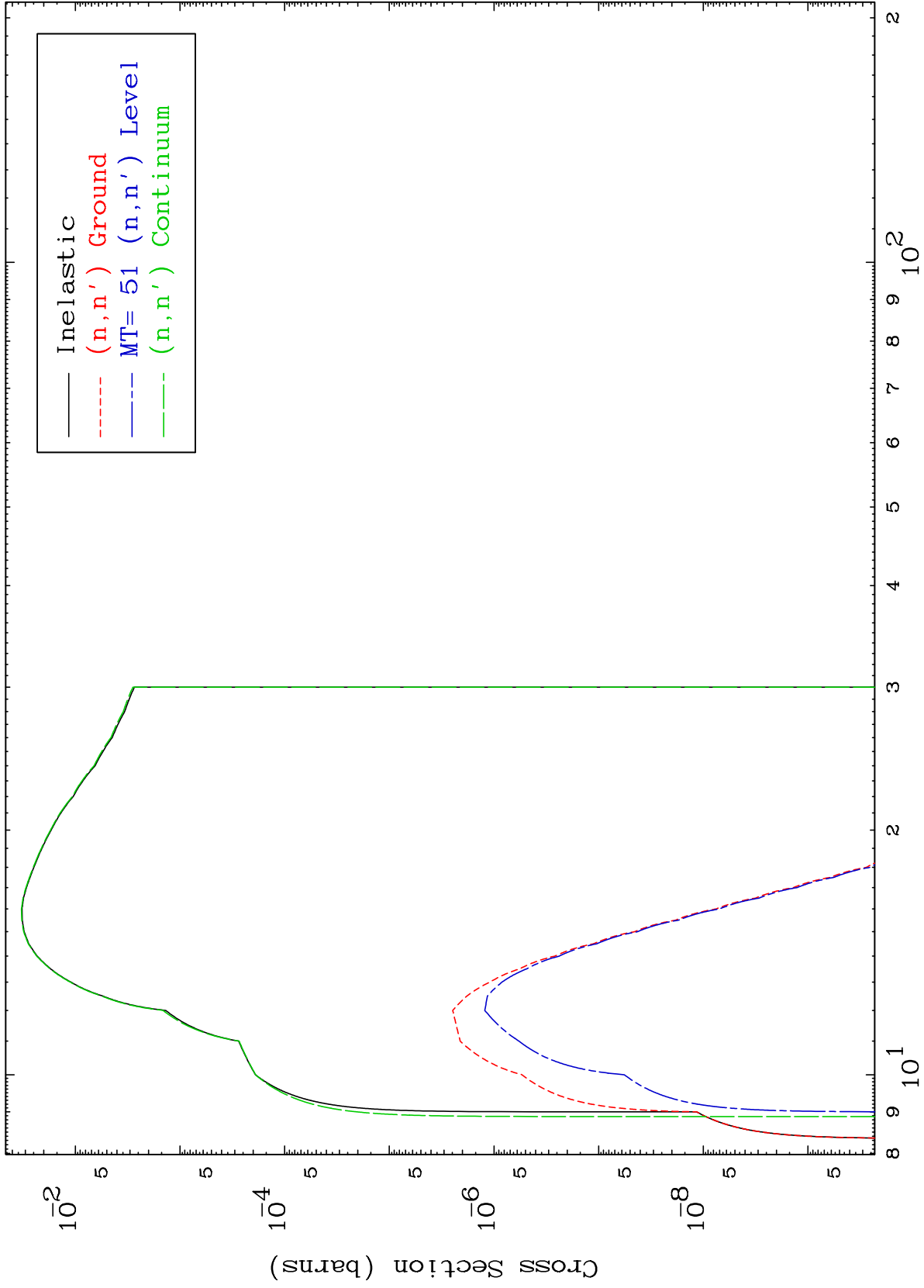


MAT 8175

(γ, n') Levels

82-Pb-187m

0 Kelvin Cross Sections



Incident Energy (MeV)

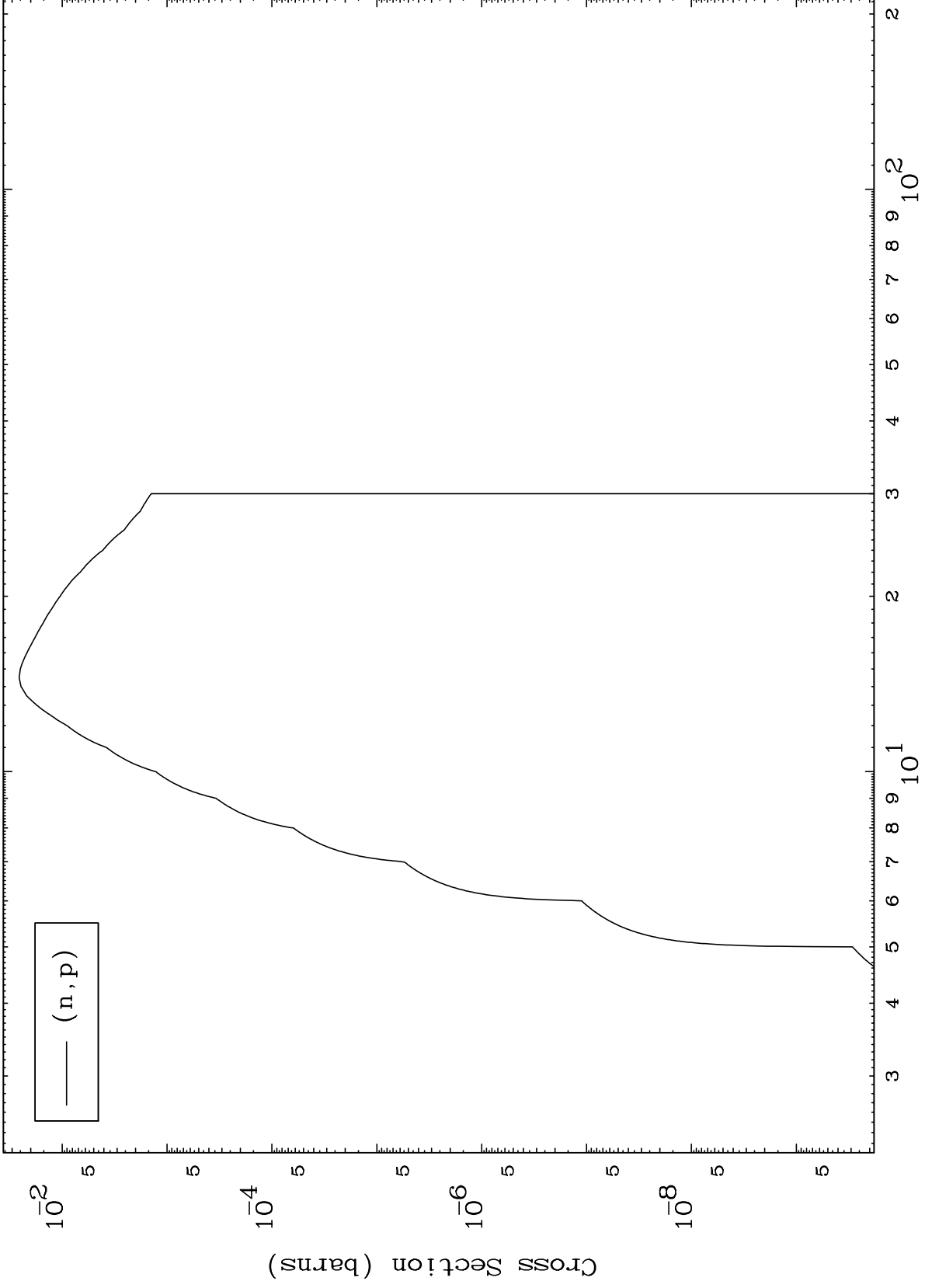
82-Pb-187m

6

MAT 8175

(γ, p) Levels
0 Kelvin Cross Sections

82-Pb-187m



7

Incident Energy (MeV)

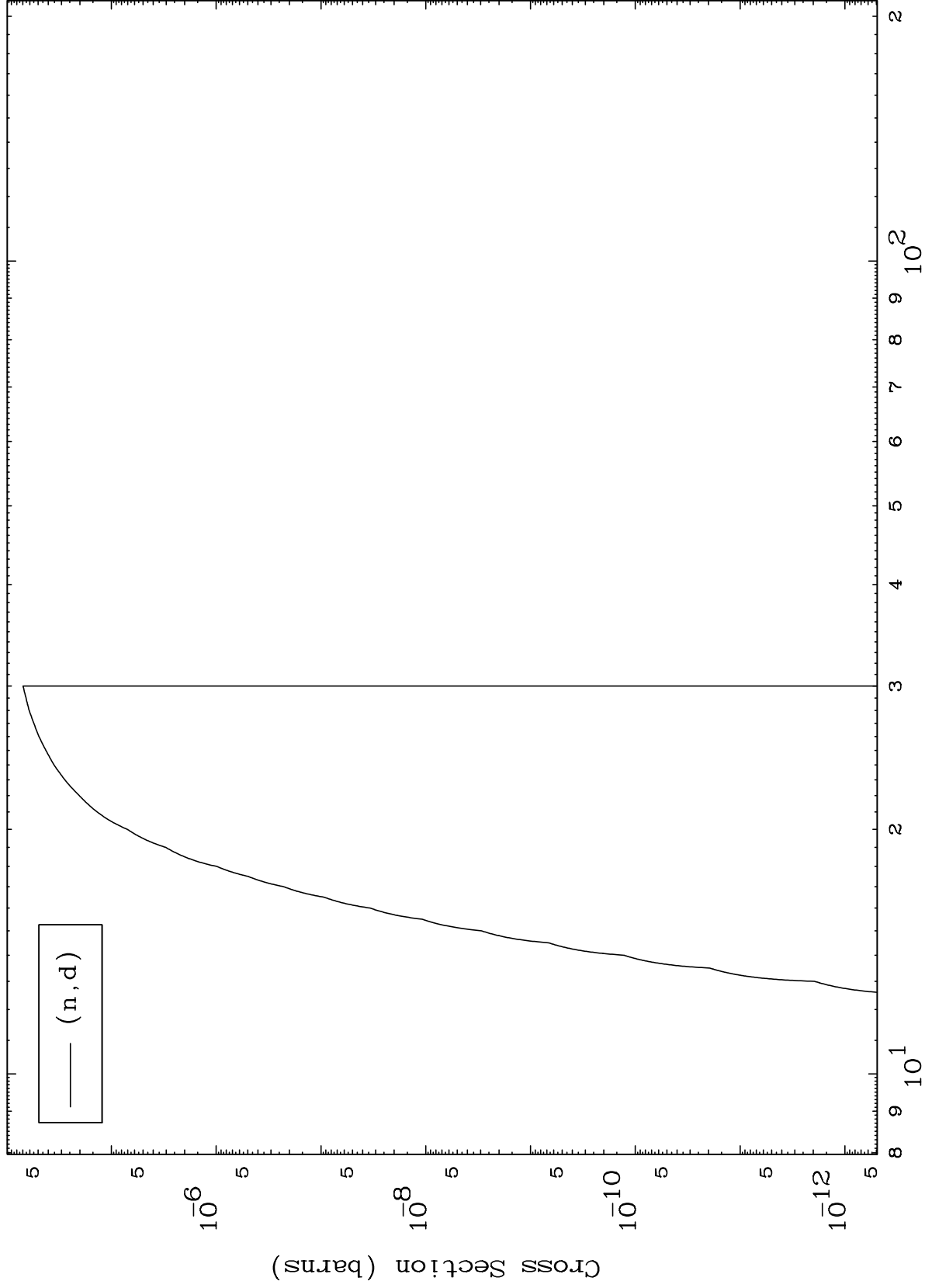
82-Pb-187m

MAT 8175

(γ, d) Levels

$^{82}\text{Pb}-187\text{m}$

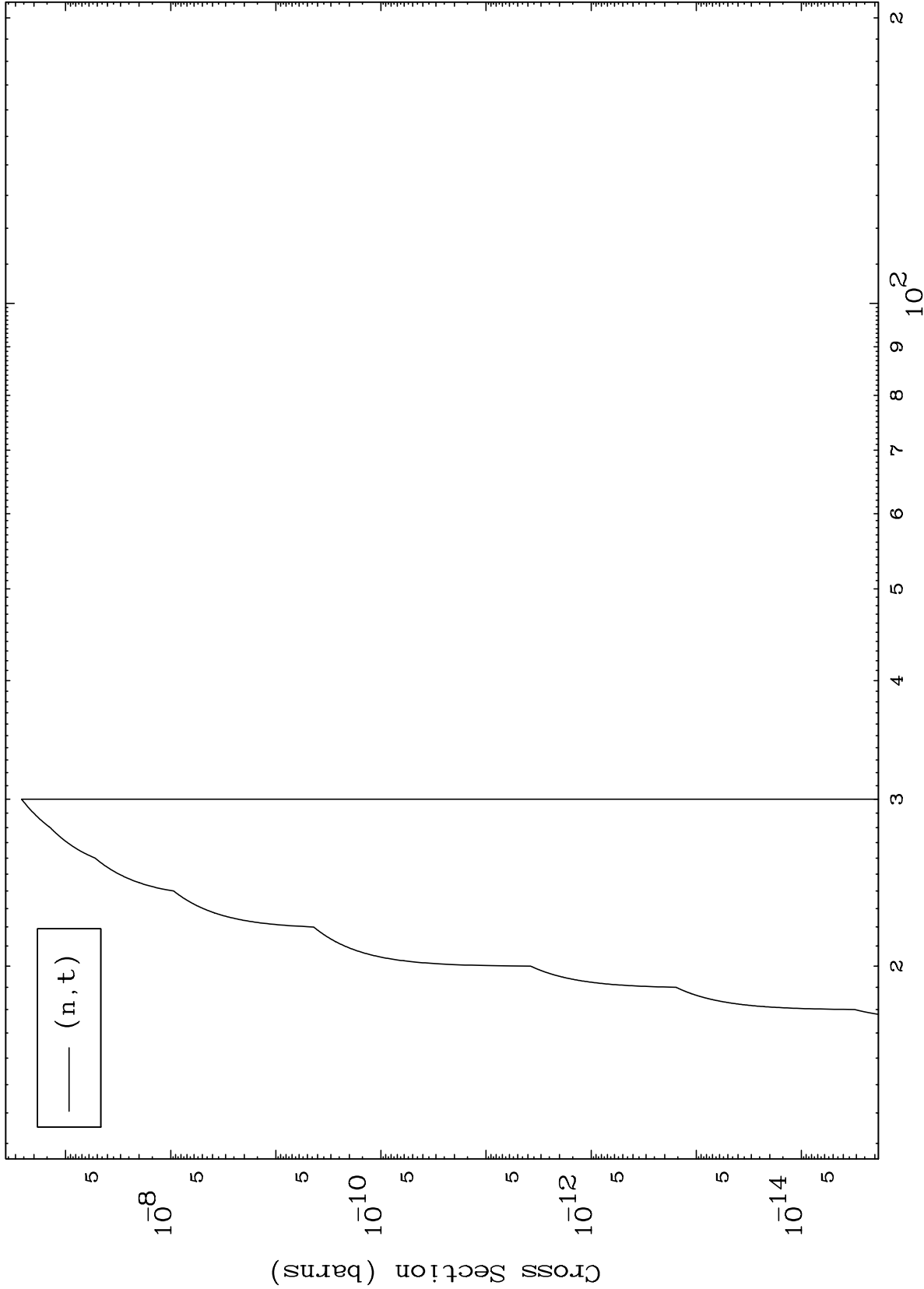
0 Kelvin Cross Sections



8

Incident Energy (MeV)

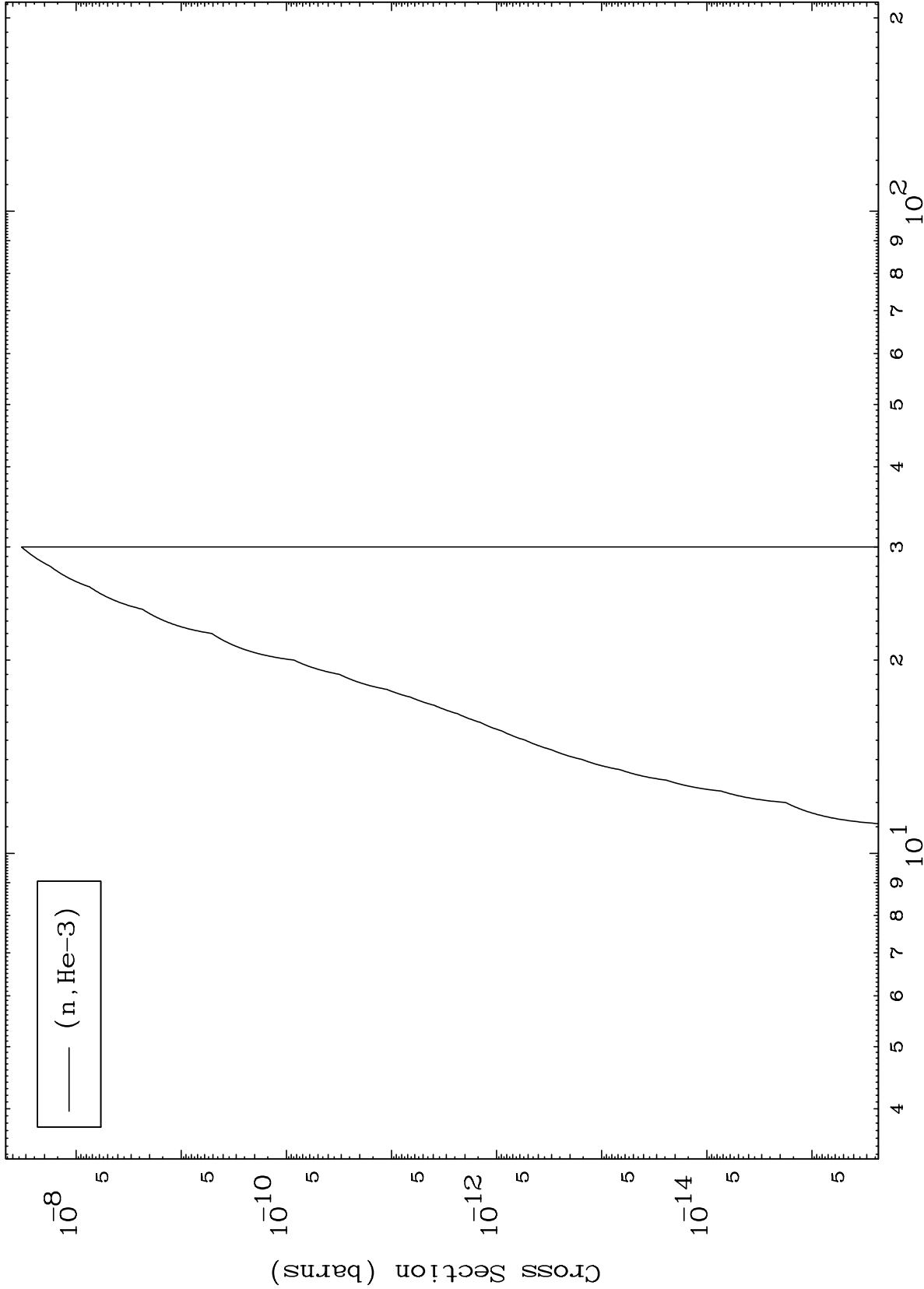
$^{82}\text{Pb}-187\text{m}$



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

82-Pb-187m



10

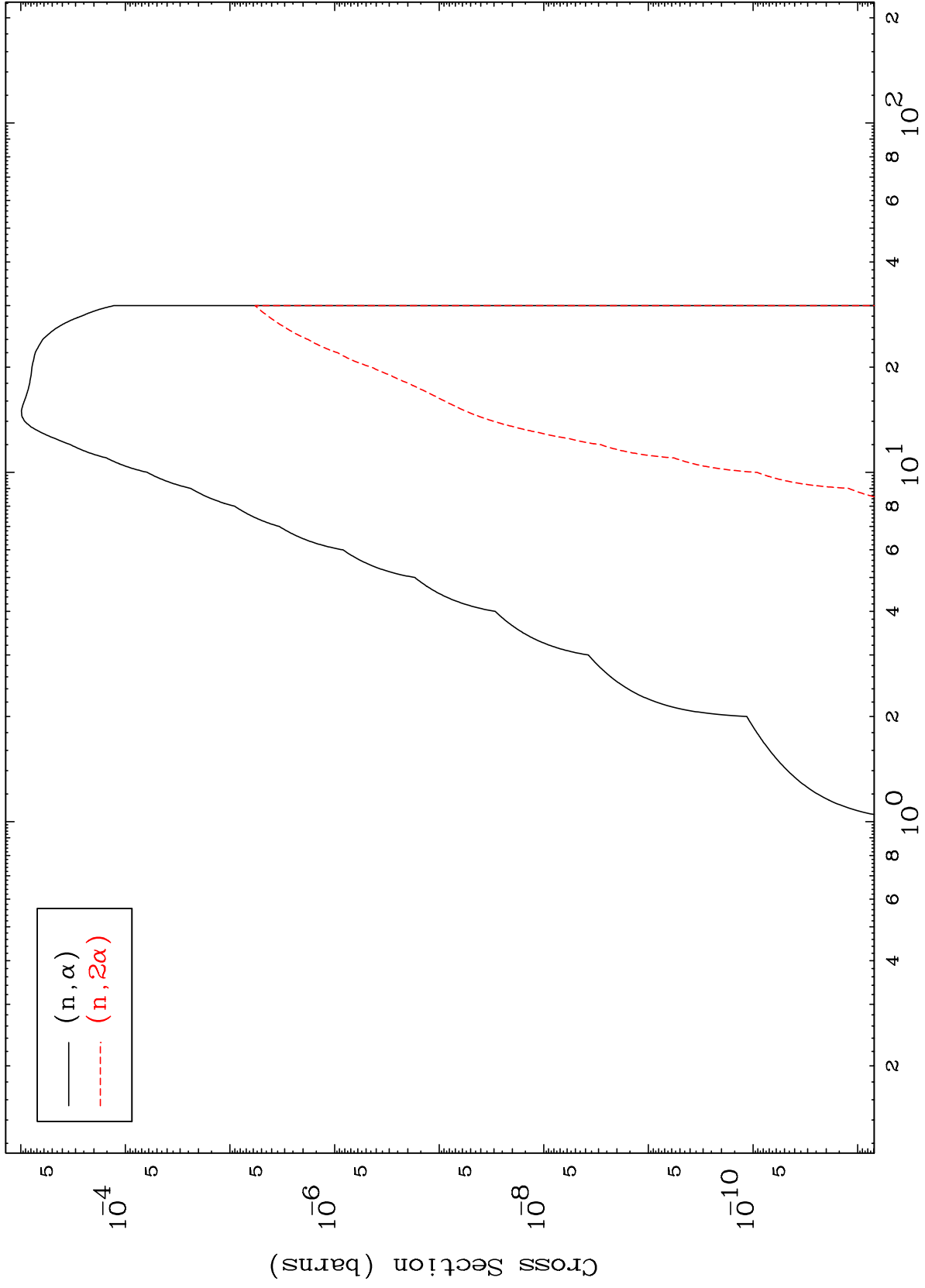
Incident Energy (MeV)

82-Pb-187m

MAT 8175

(γ, α) Levels
0 Kelvin Cross Sections

82-Pb-187m

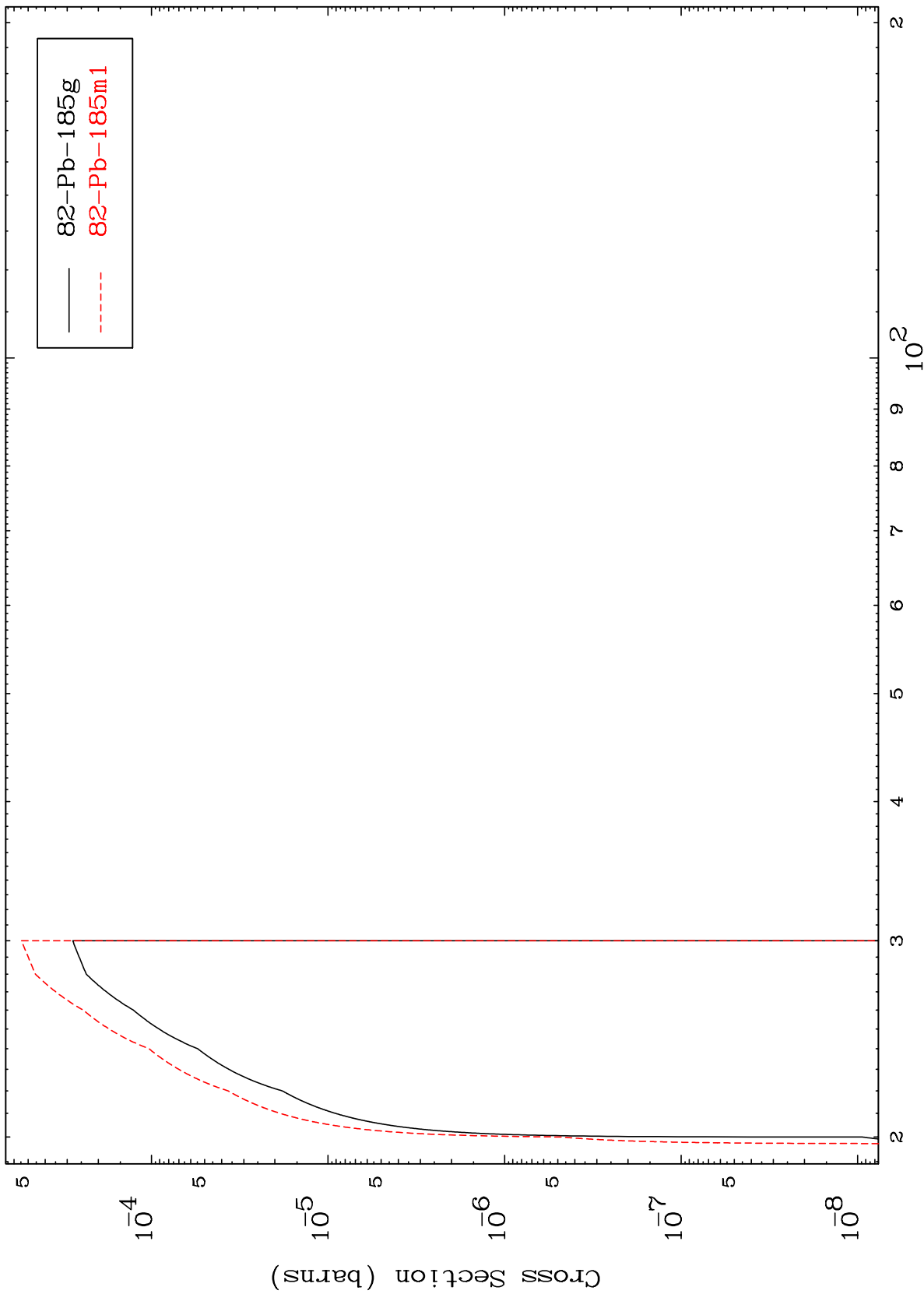


82-Pb-187m

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82-Pb-187m

(n,2n)
Radionuclide Production Cross Section



82-Pb-187m

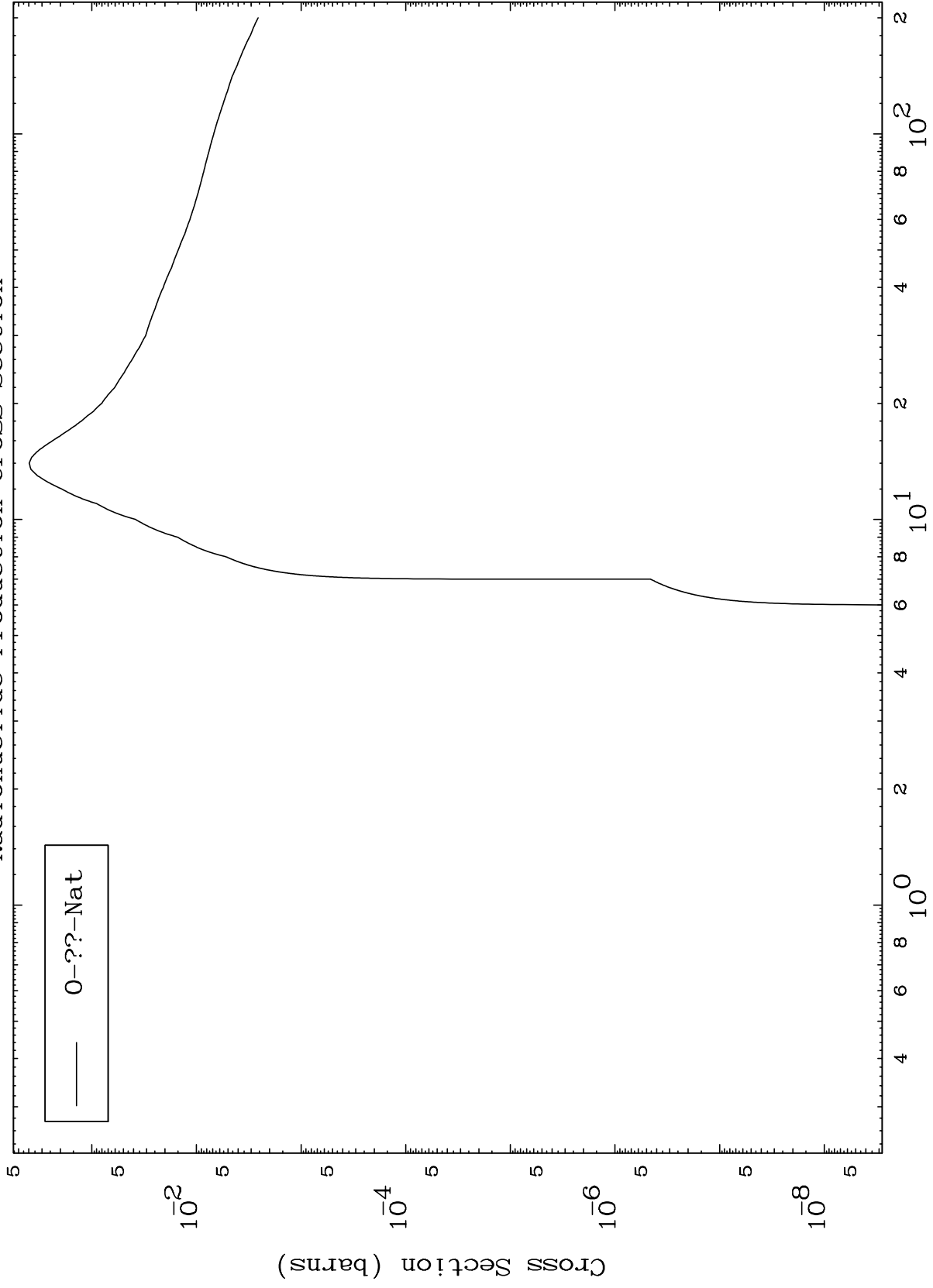
Incident Energy (MeV)

12

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Fission
Radionuclide Production Cross Section

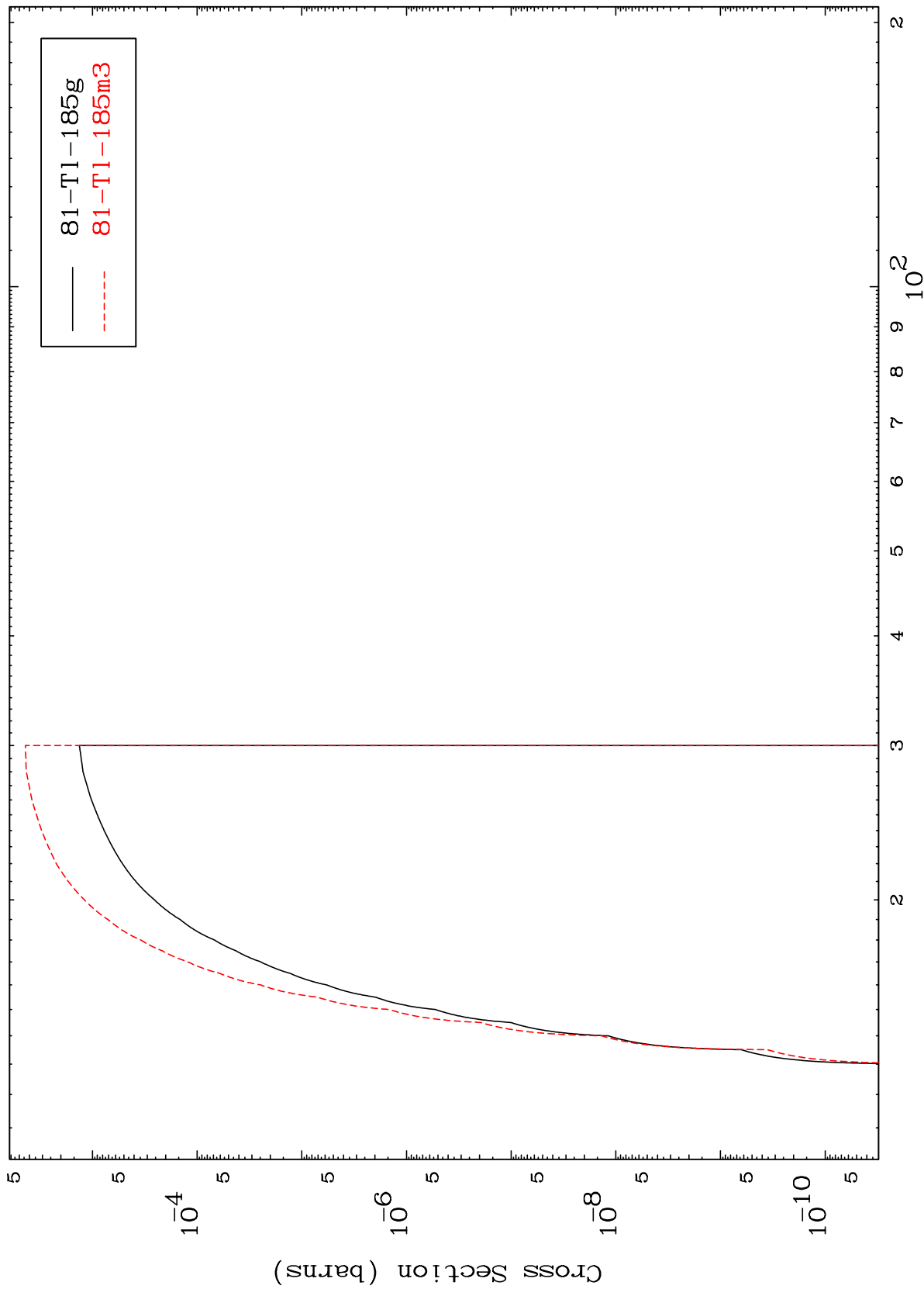
⁸²Pb-187m



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82-Pb-187m

(n,n') p
Radionuclide Production Cross Section



82-Pb-187m

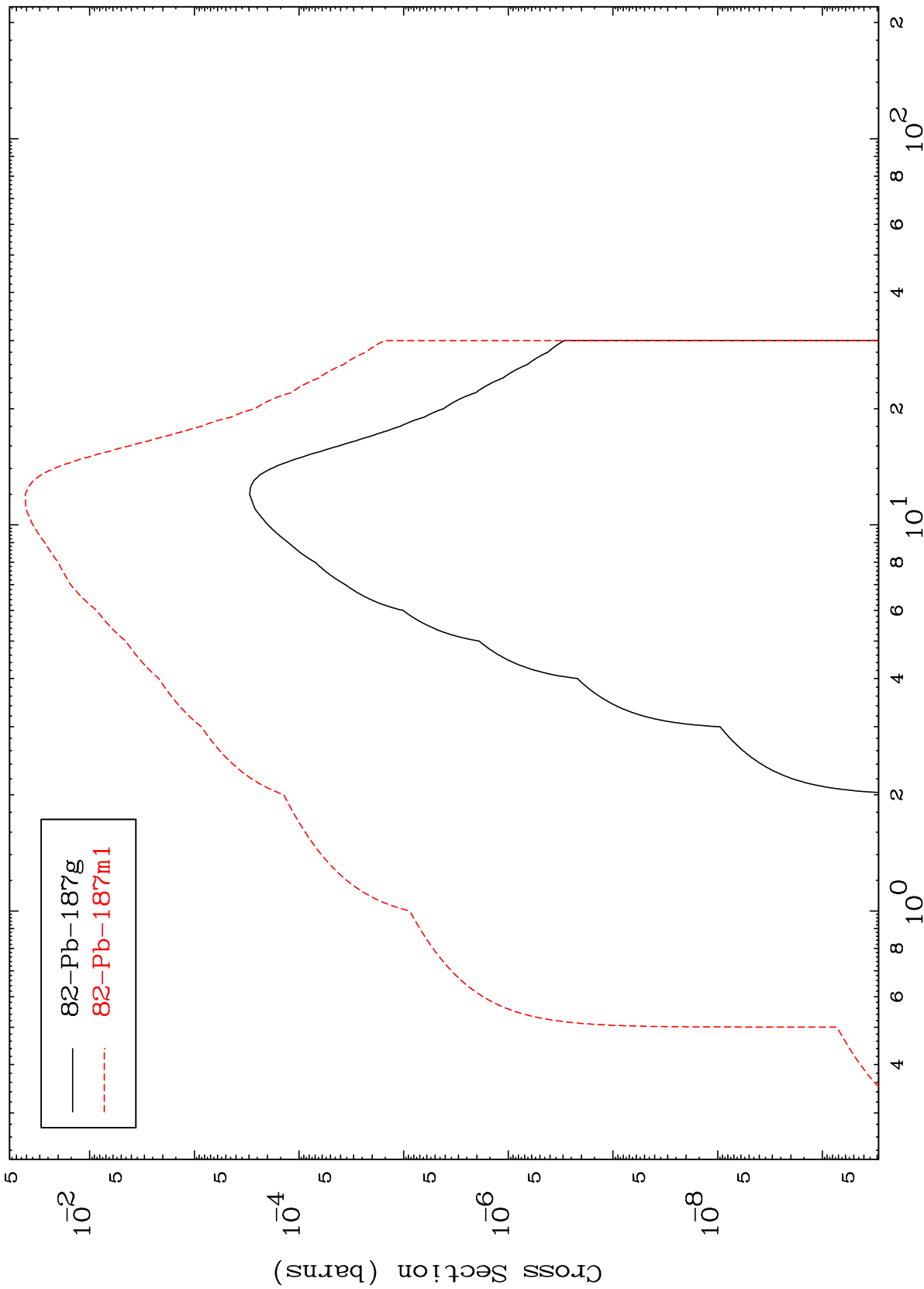
Incident Energy (MeV)

14

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$^{82}\text{Pb-187m}$

Radionuclide Production Cross Section



Incident Energy (MeV)

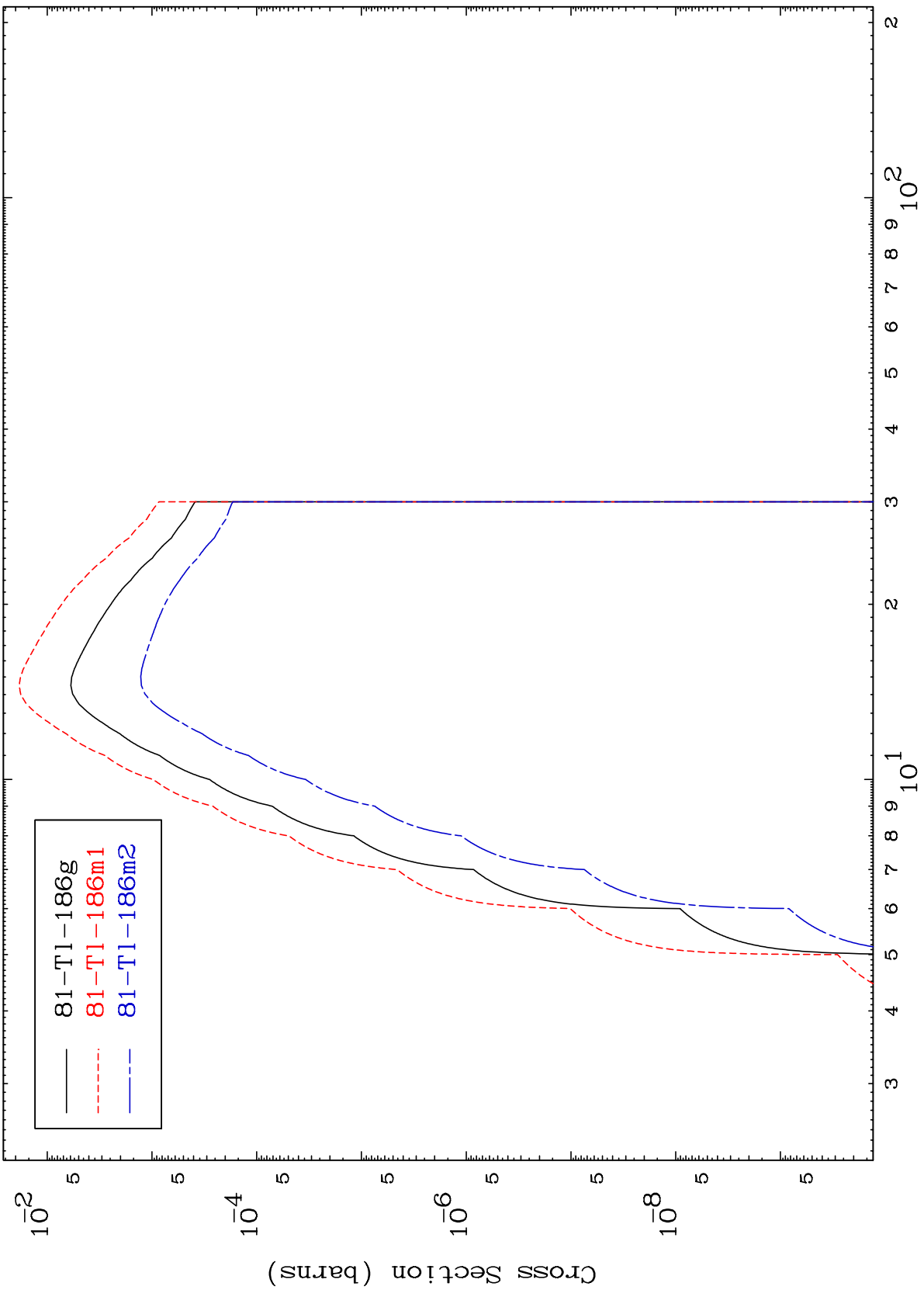
$^{82}\text{Pb-187m}$

15

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82-Pb-187m

Radionuclide Production Cross Section (n,p)



16

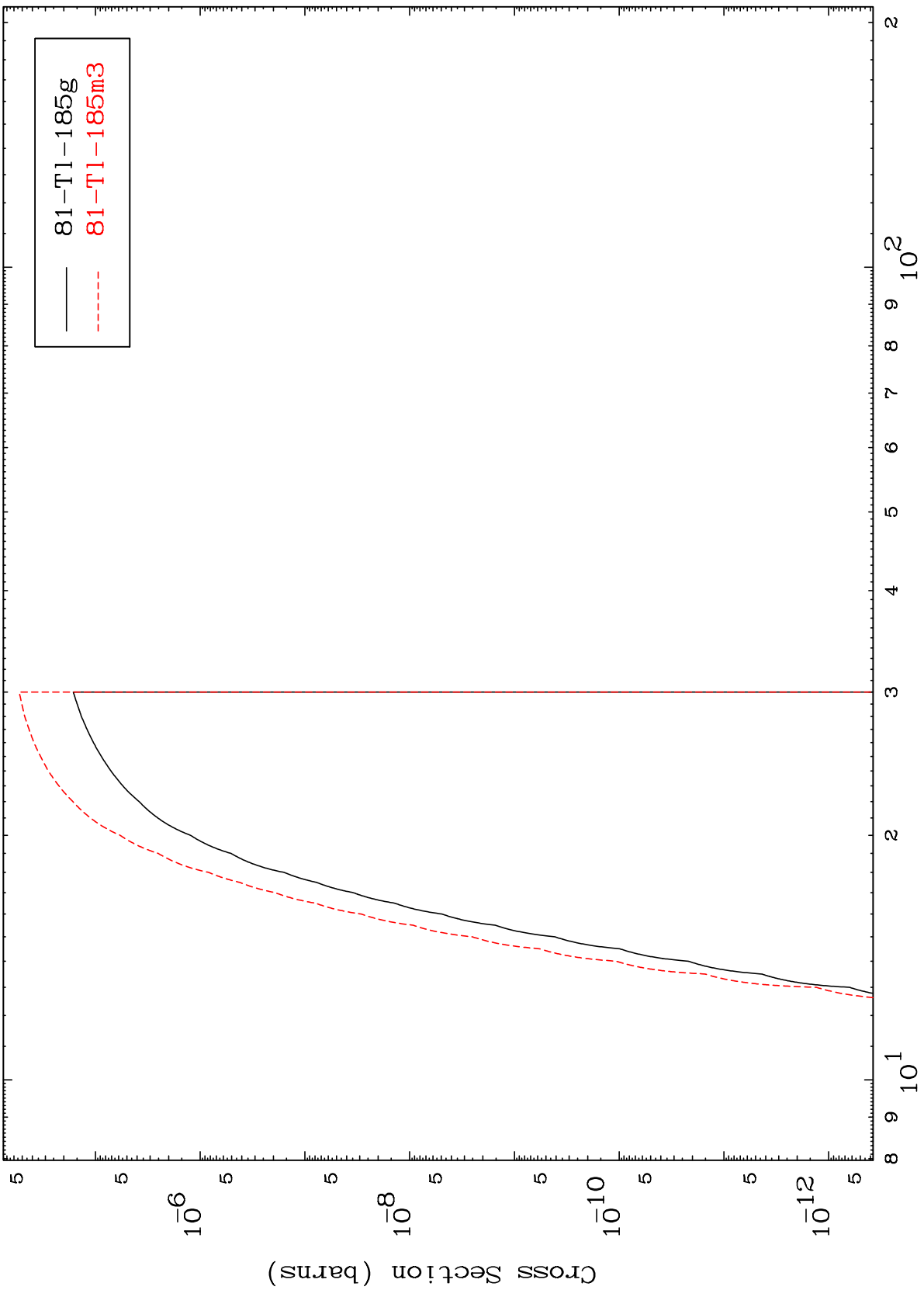
Incident Energy (MeV)

82-Pb-187m

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82-Pb-187m

(n,d)
Radionuclide Production Cross Section



81-Tl-185g
81-Tl-185m3

17

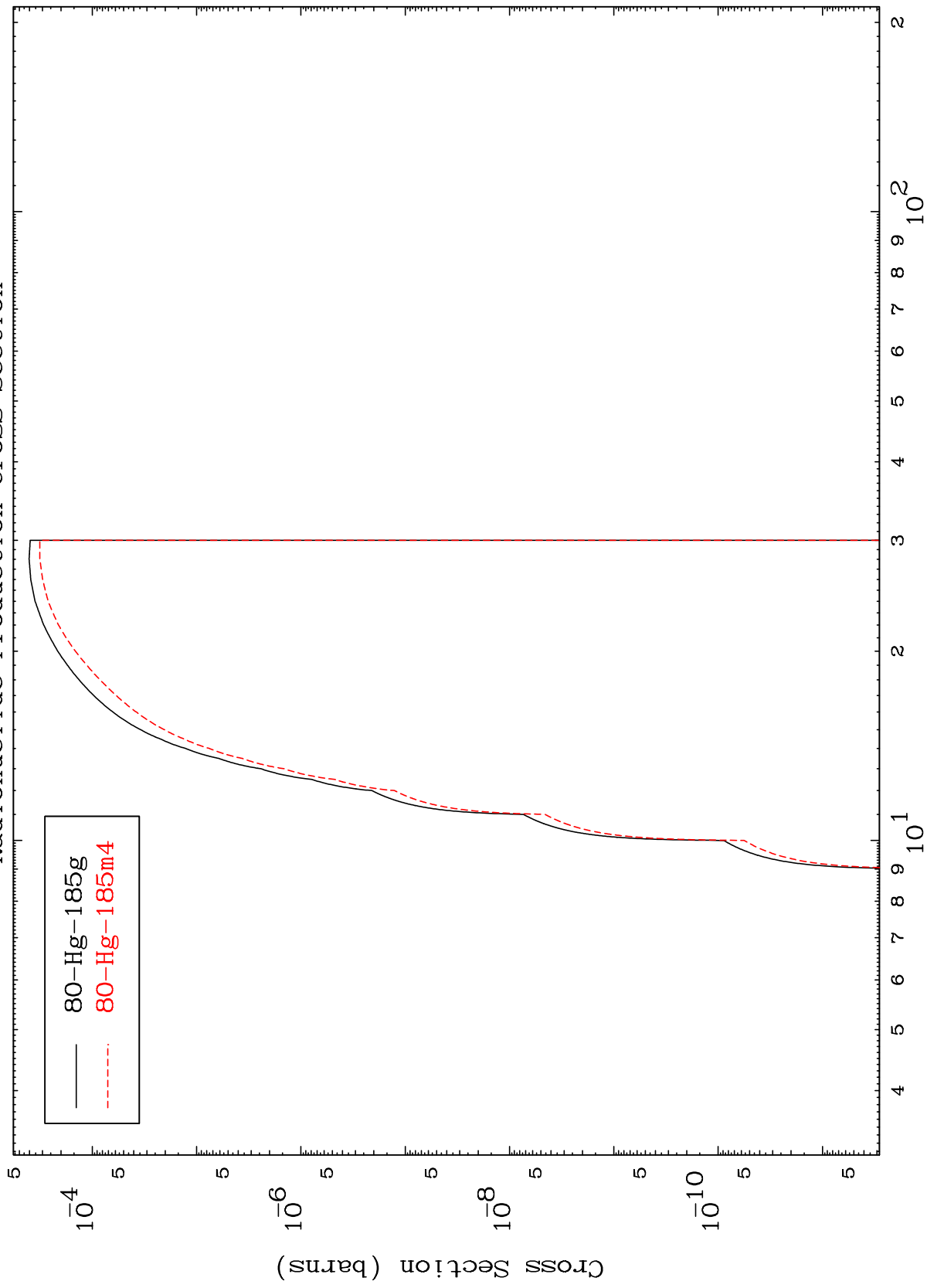
Incident Energy (MeV)

82-Pb-187m

MAT 8175

82-Pb-187m

Radionuclide Production Cross Section
(n,2p)



18

Incident Energy (MeV)

82-Pb-187m