

Program EVALPLOT
(Version 2021-1)

by

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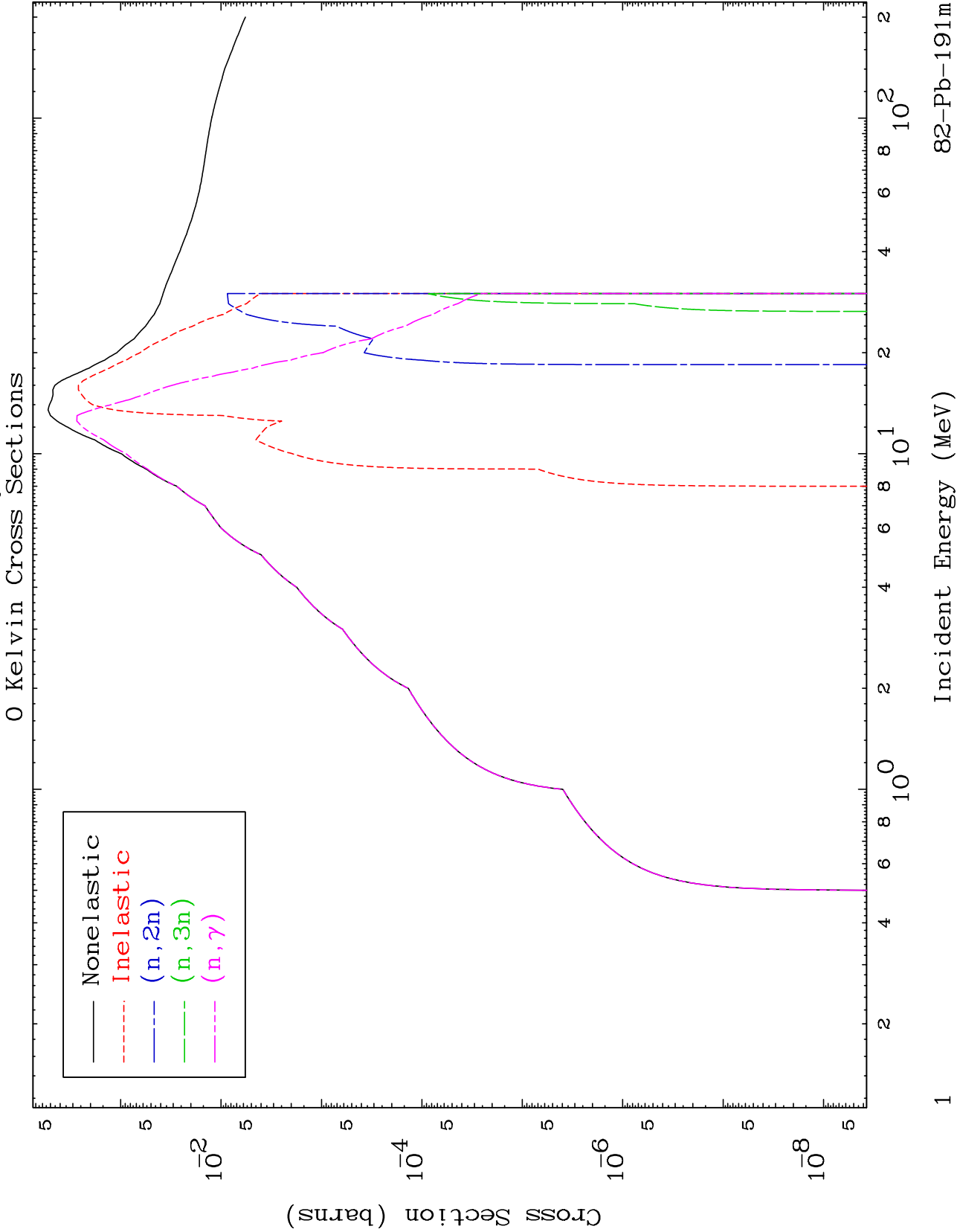
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8187

Photon Major

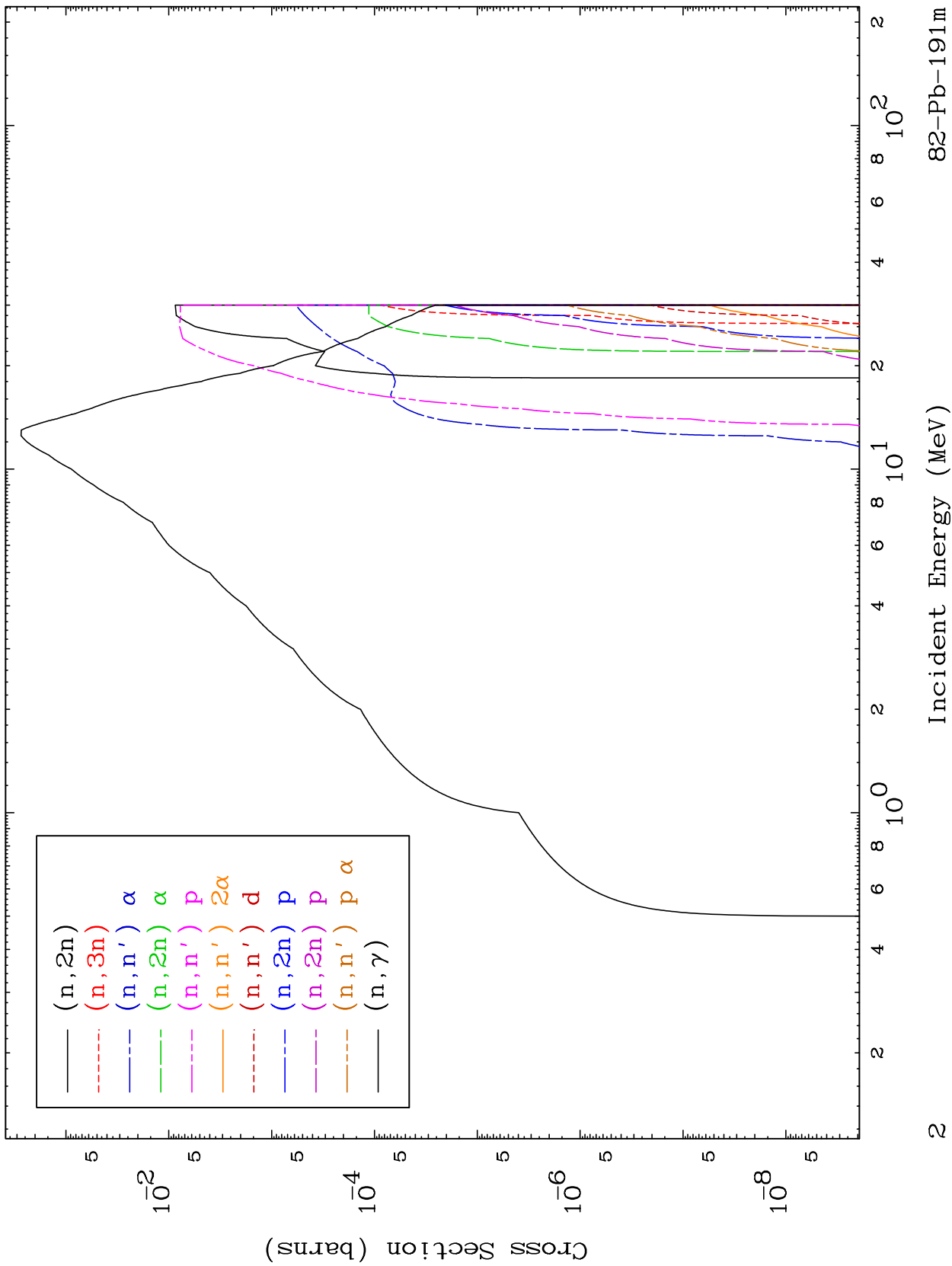
82-Pb-191m



MAT 8187

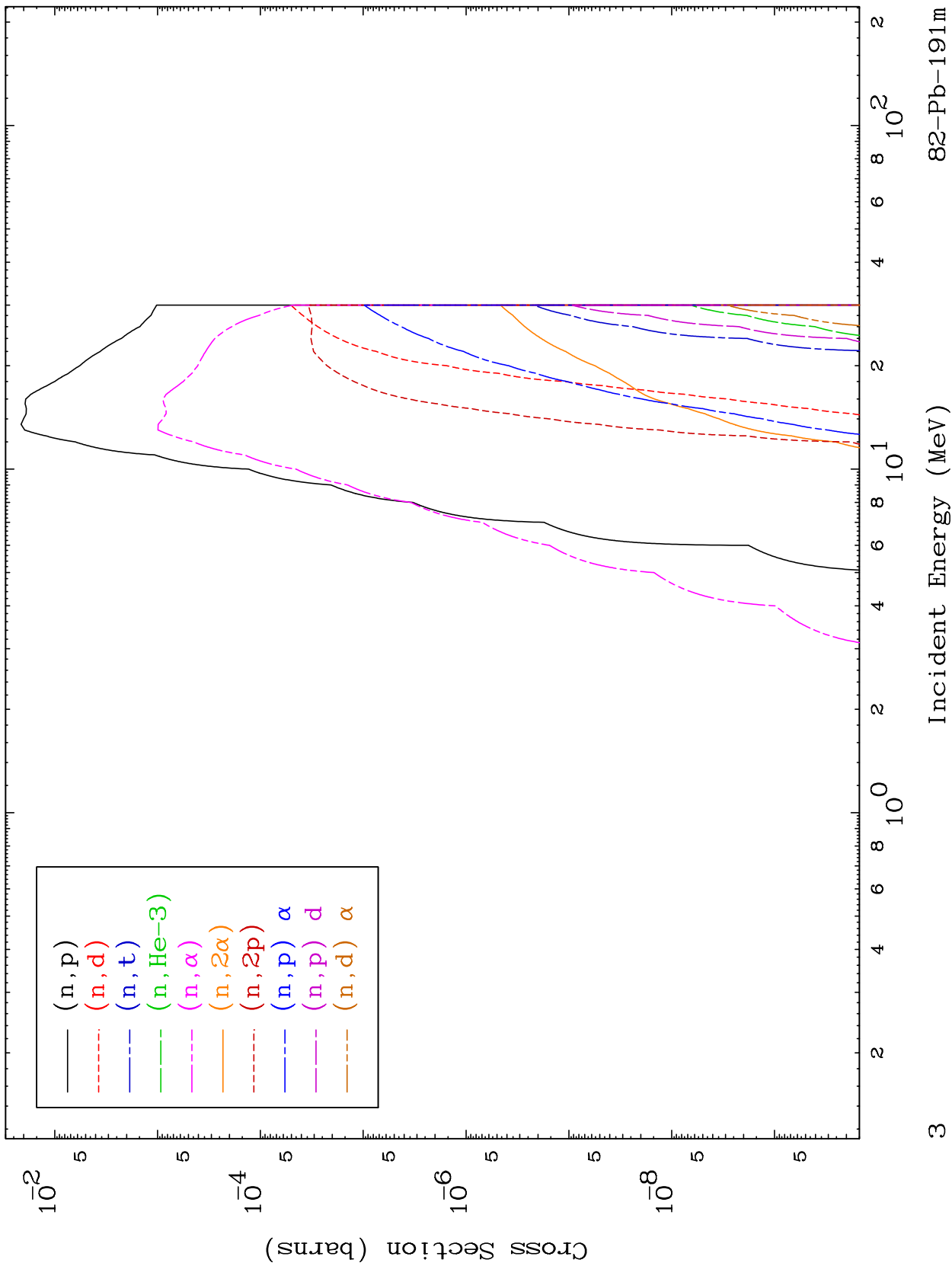
Photon Neutron Absorption
0 Kelvin Cross Sections

82-Pb-191m



82-Pb-191m

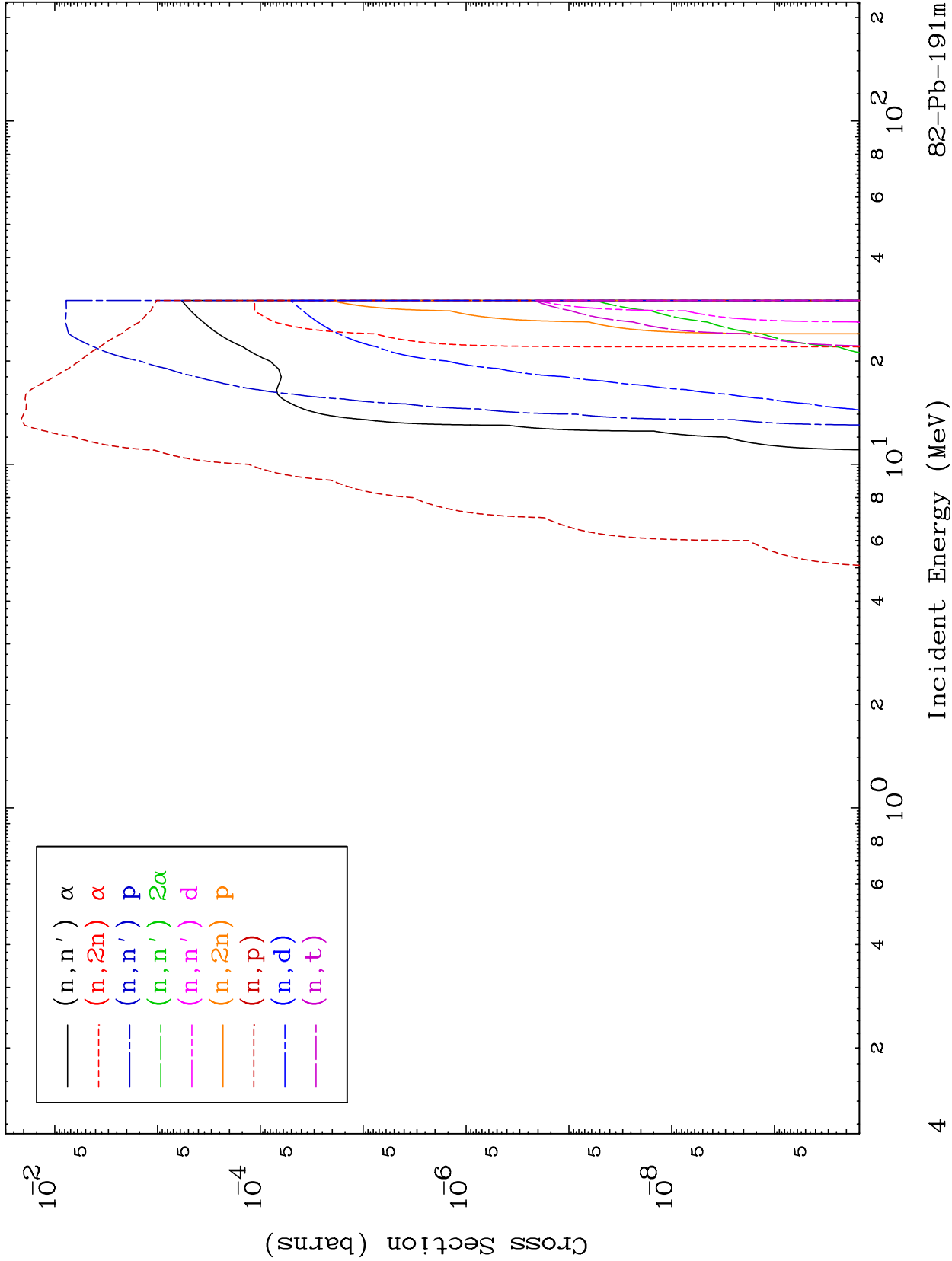
Incident Energy (MeV)

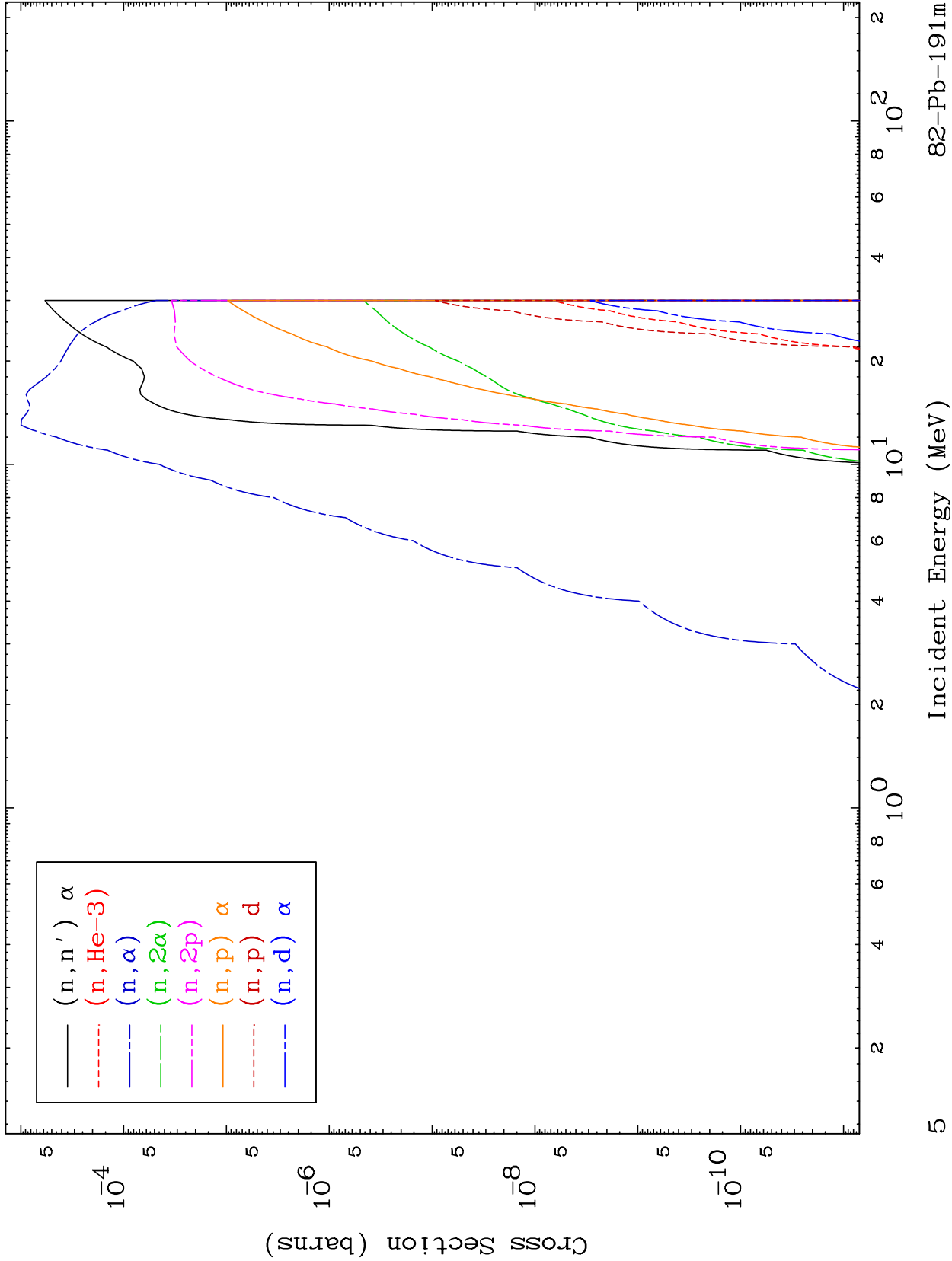


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Photon Charged Particle
0 Kelvin Cross Sections

82-Pb-191m



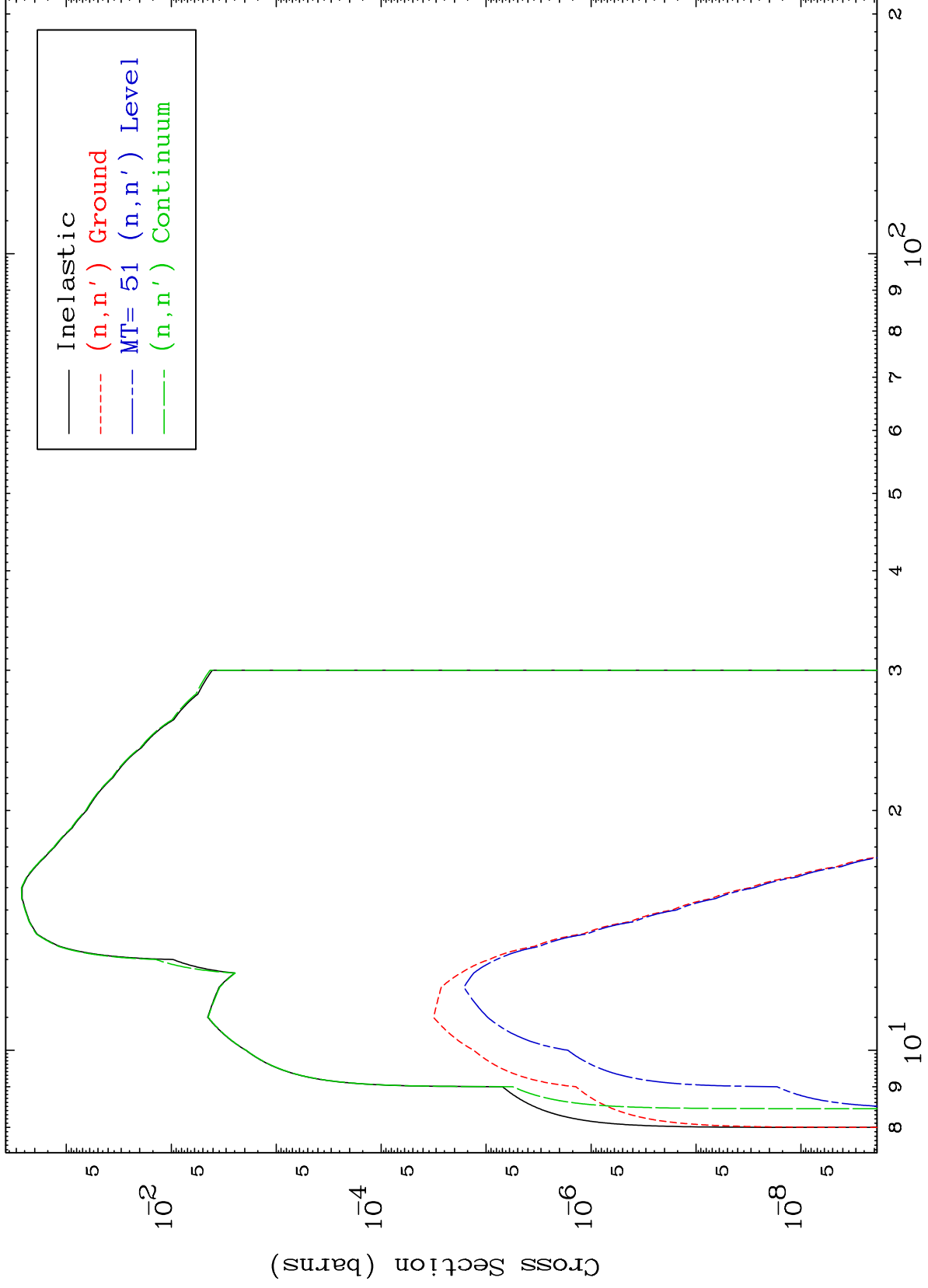


MAT 8187

(γ, n') Levels

82-Pb-191m

0 Kelvin Cross Sections



Incident Energy (MeV)

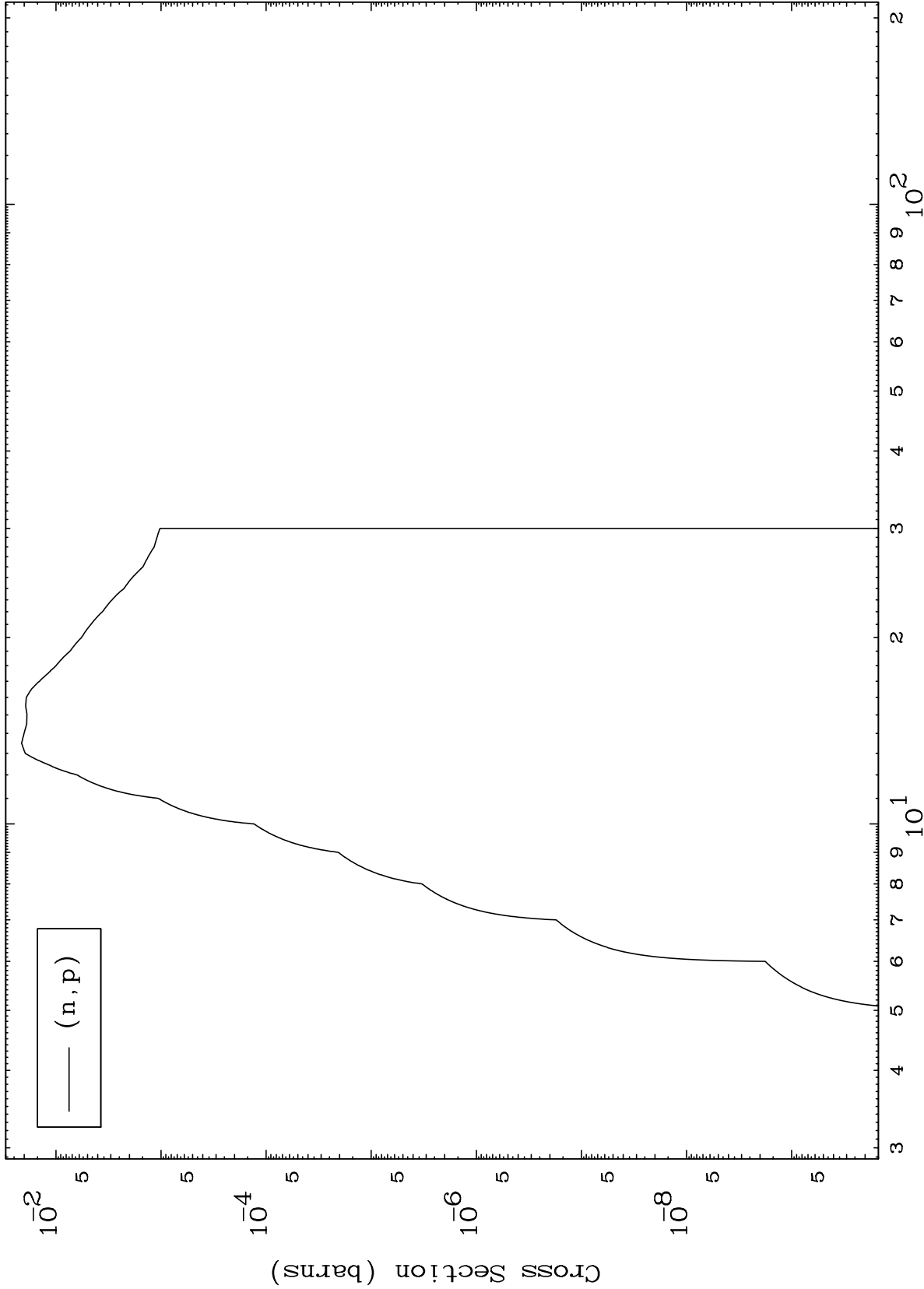
82-Pb-191m

6

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(γ, p) Levels
0 Kelvin Cross Sections

82-Pb-191m



7

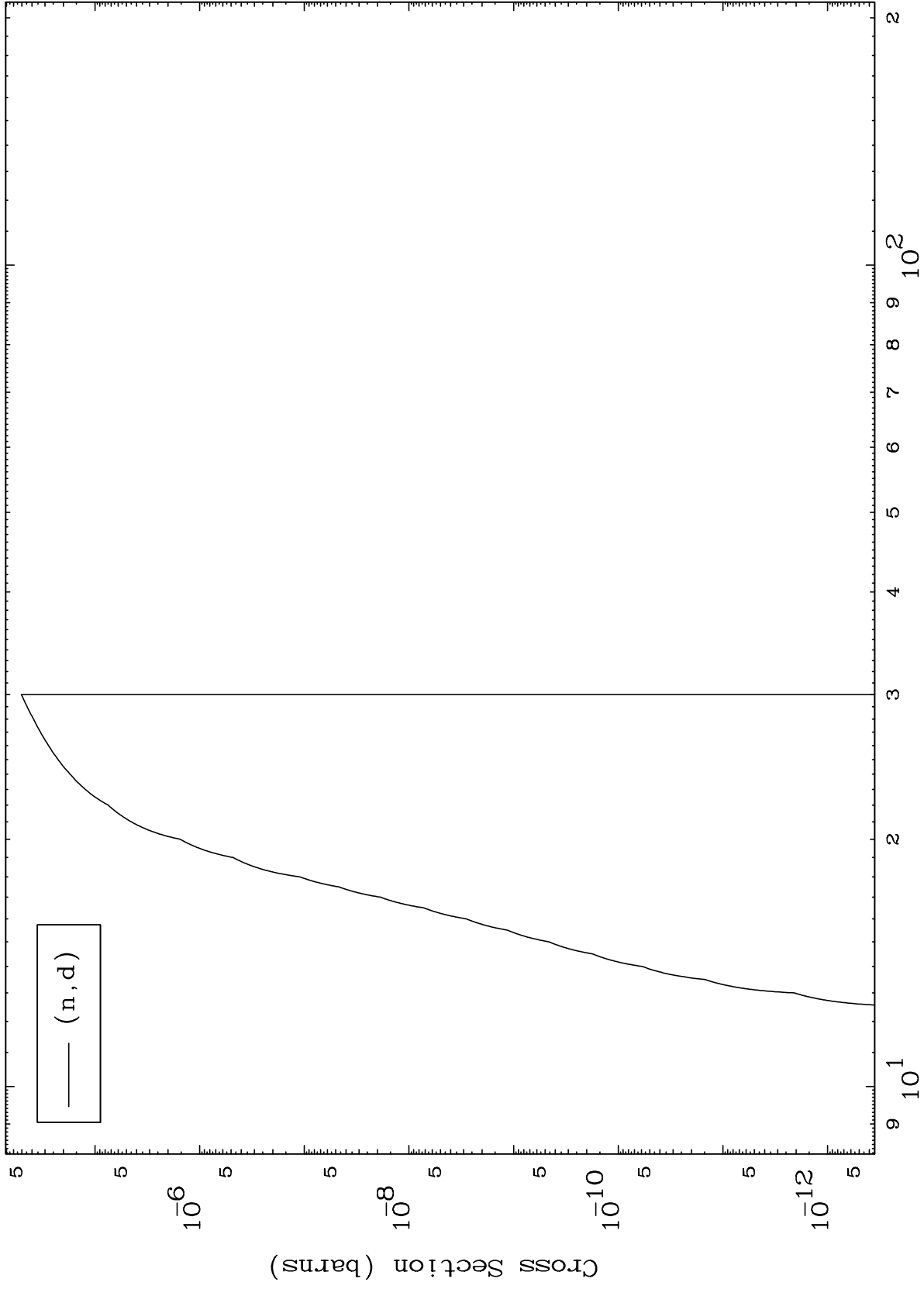
Incident Energy (MeV)

82-Pb-191m

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(γ, d) Levels
0 Kelvin Cross Sections

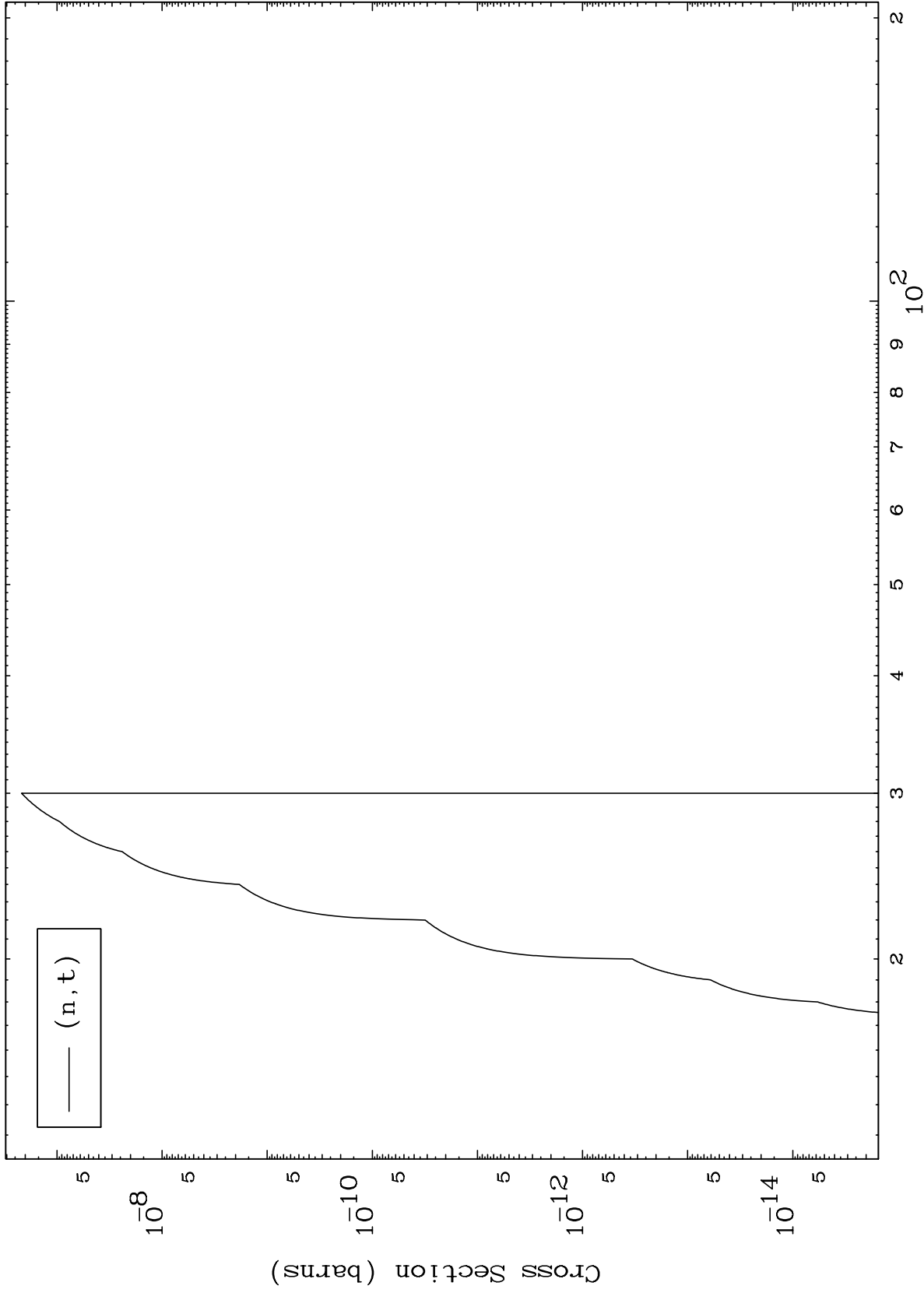
$^{82}\text{Pb-191m}$



8

Incident Energy (MeV)

$^{82}\text{Pb-191m}$

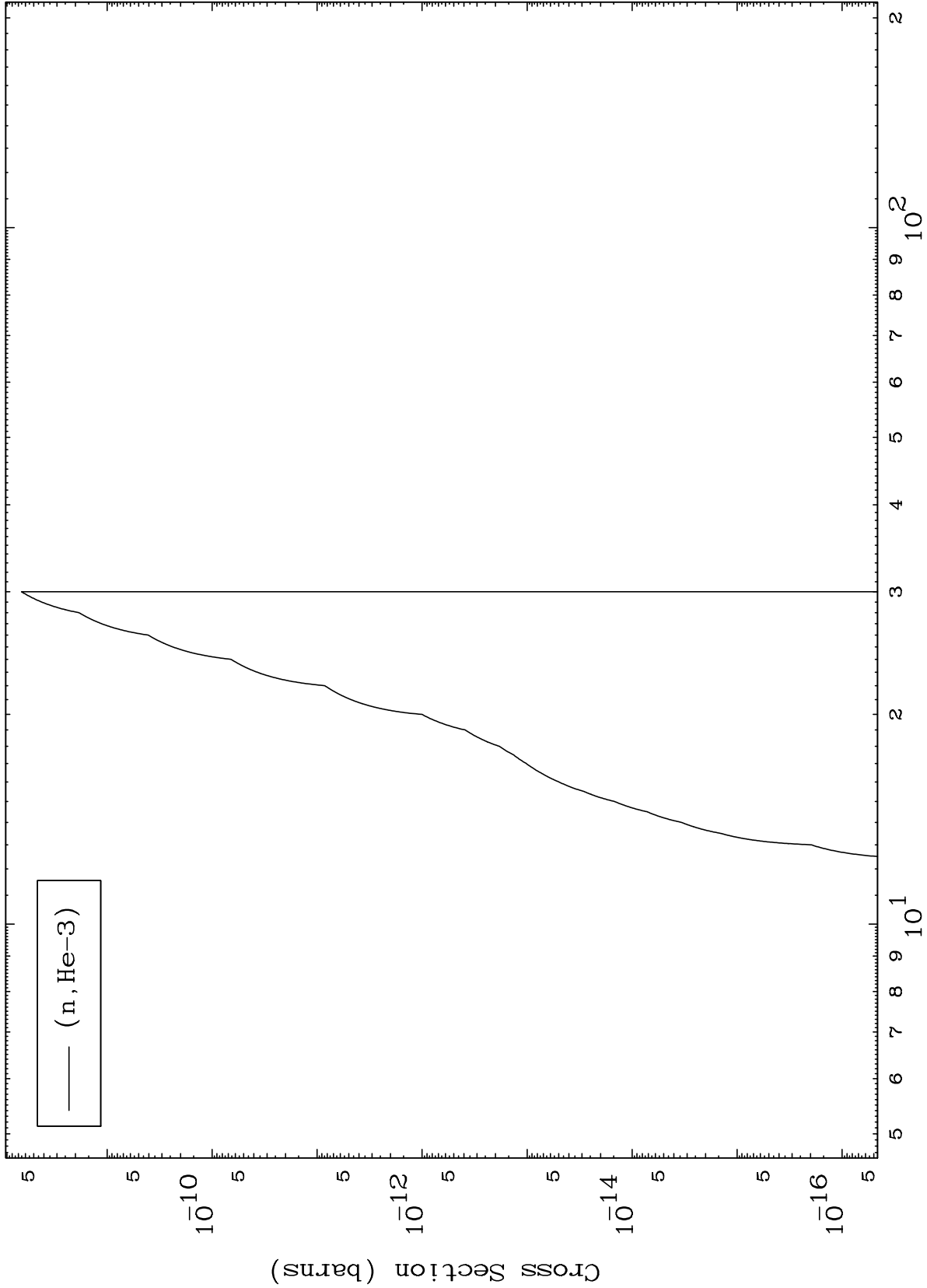


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($\gamma, \text{He}3$) Levels

82-Pb-191m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

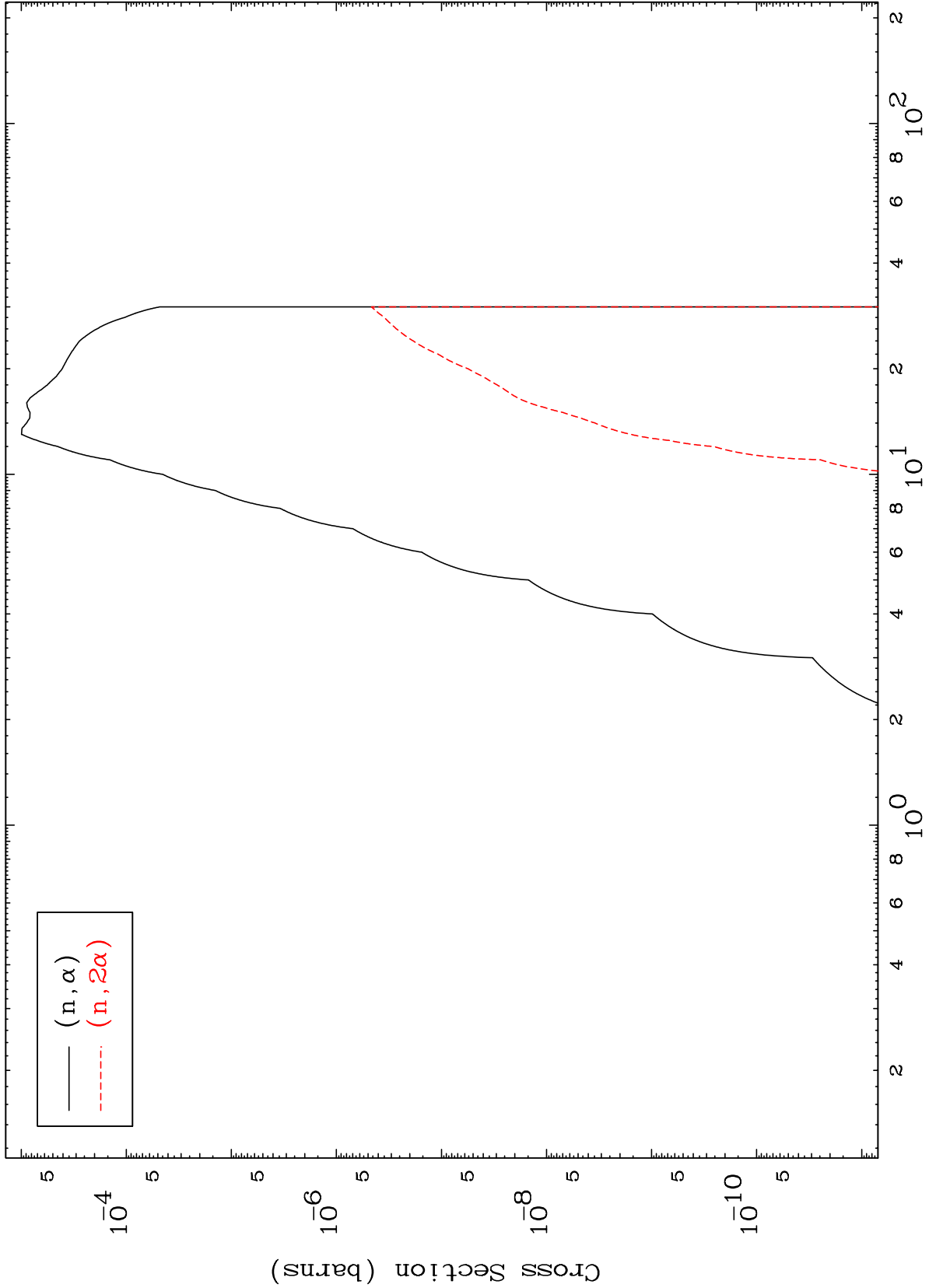
82-Pb-191m

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(γ, α) Levels

$^{82}\text{Pb-191m}$

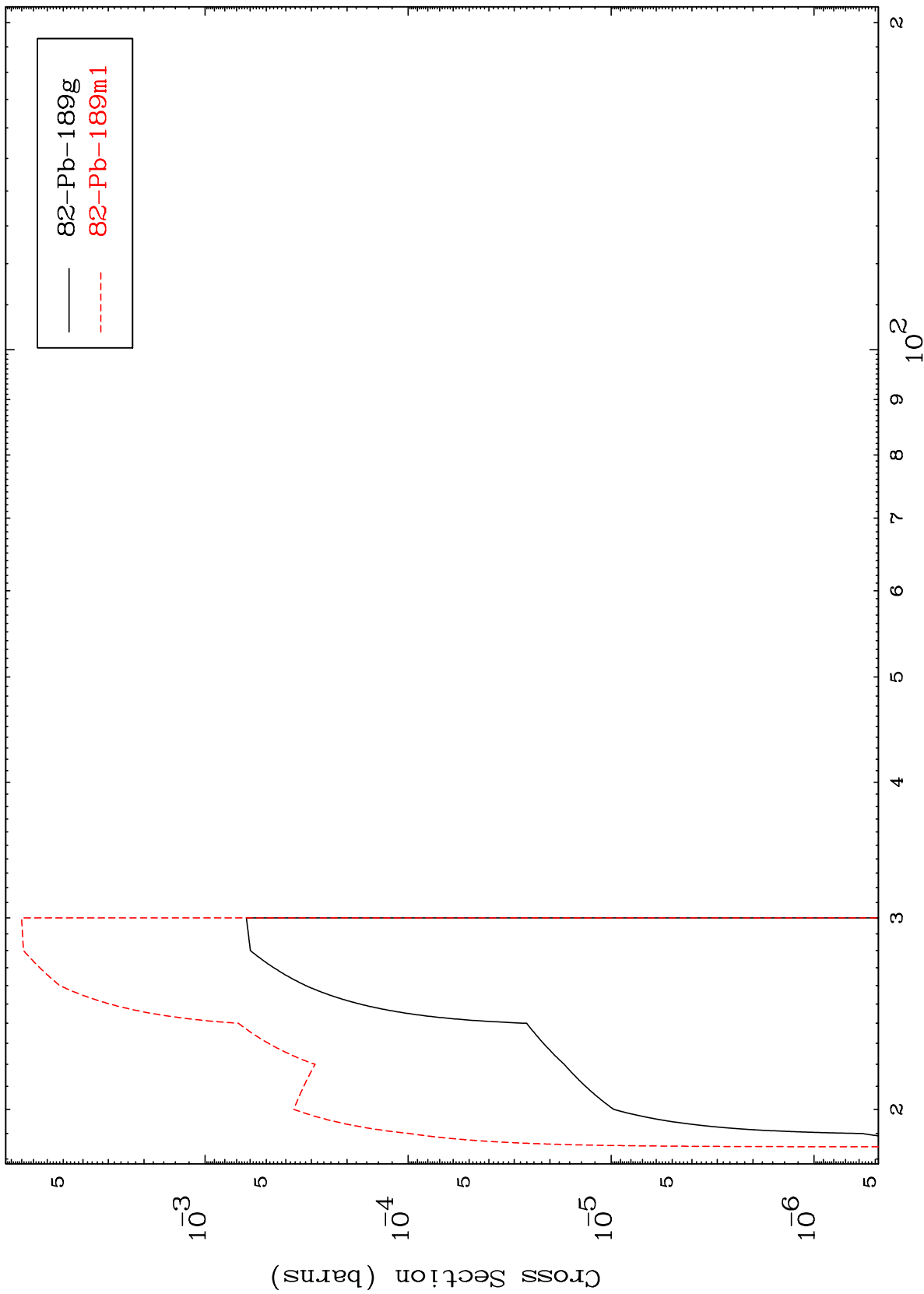
0 Kelvin Cross Sections



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82-Pb-191m

(n,2n)
Radionuclide Production Cross Section



82-Pb-191m

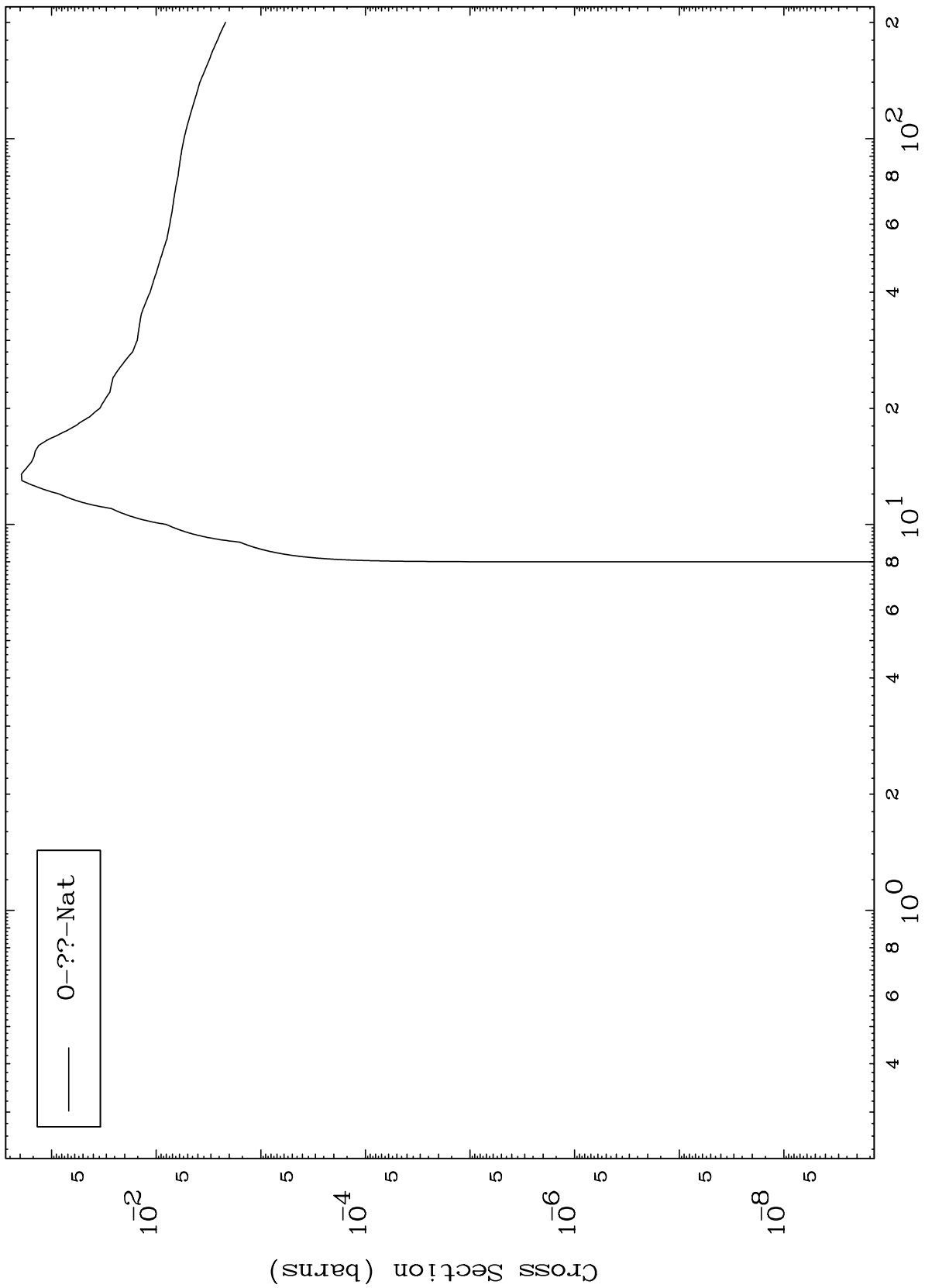
Incident Energy (MeV)

12

MAT 8187

82-Pb-191m

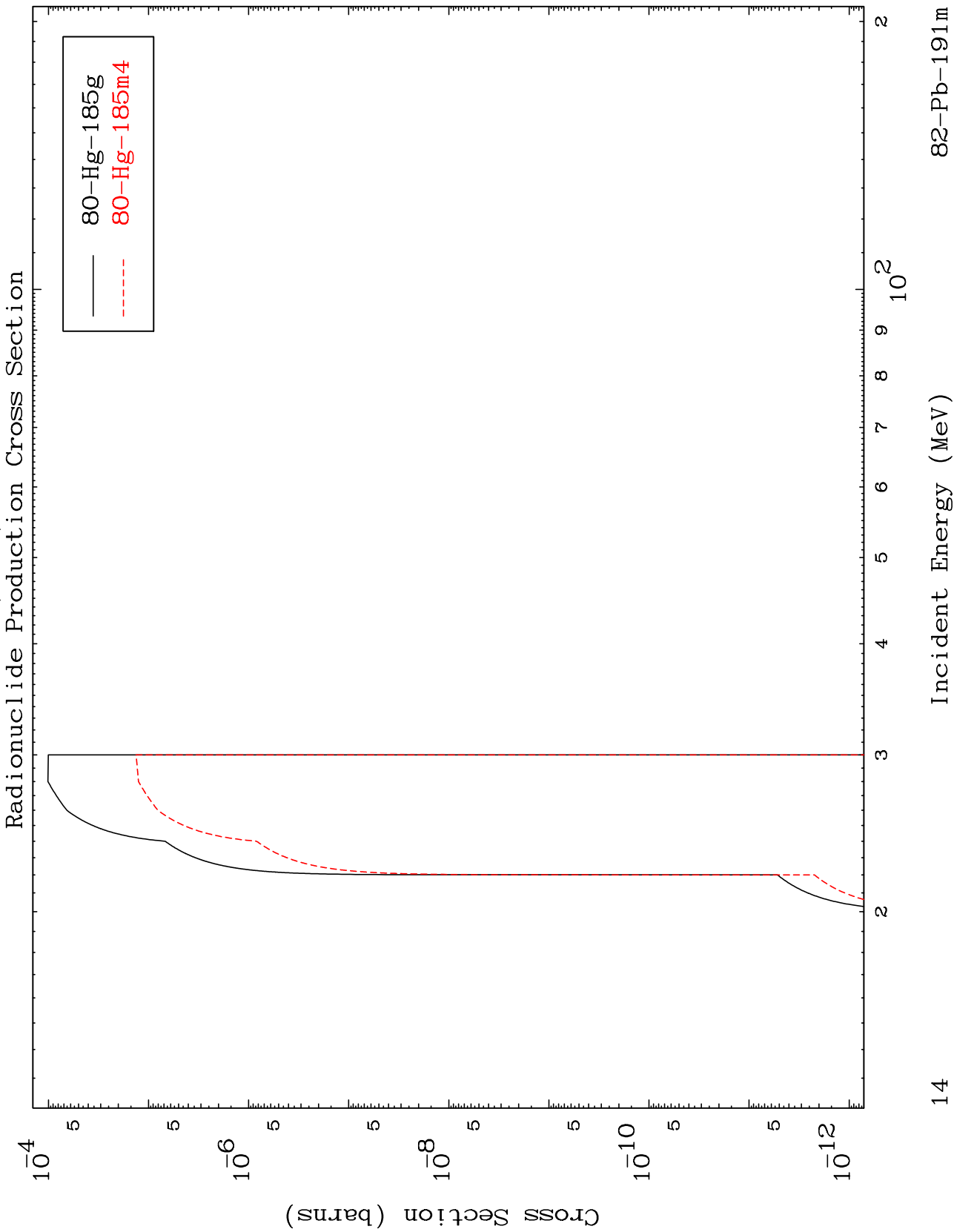
Fission
Radionuclide Production Cross Section



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(n,2n) α

82-Pb-191m



14

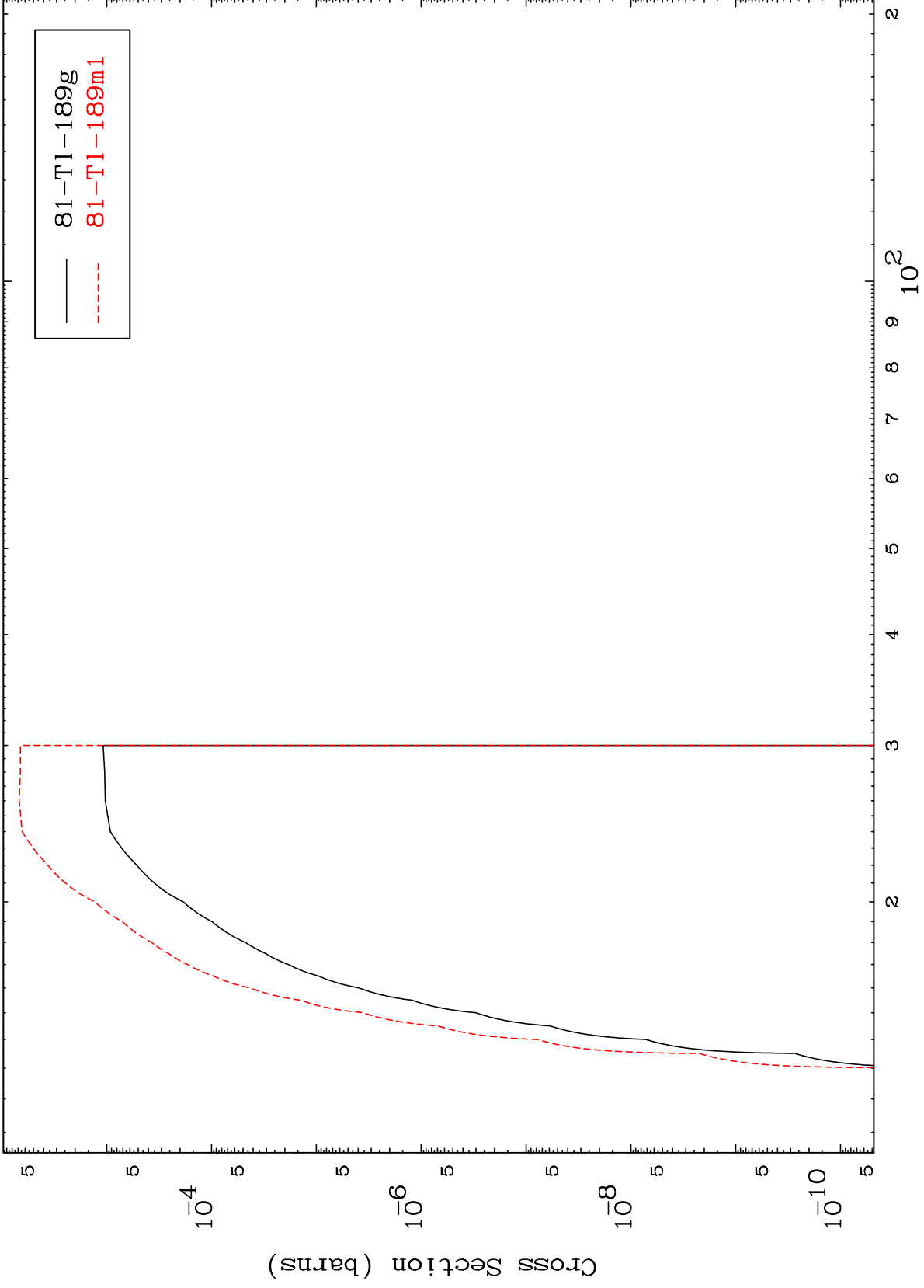
82-Pb-191m

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(n,n') p

82-Pb-191m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

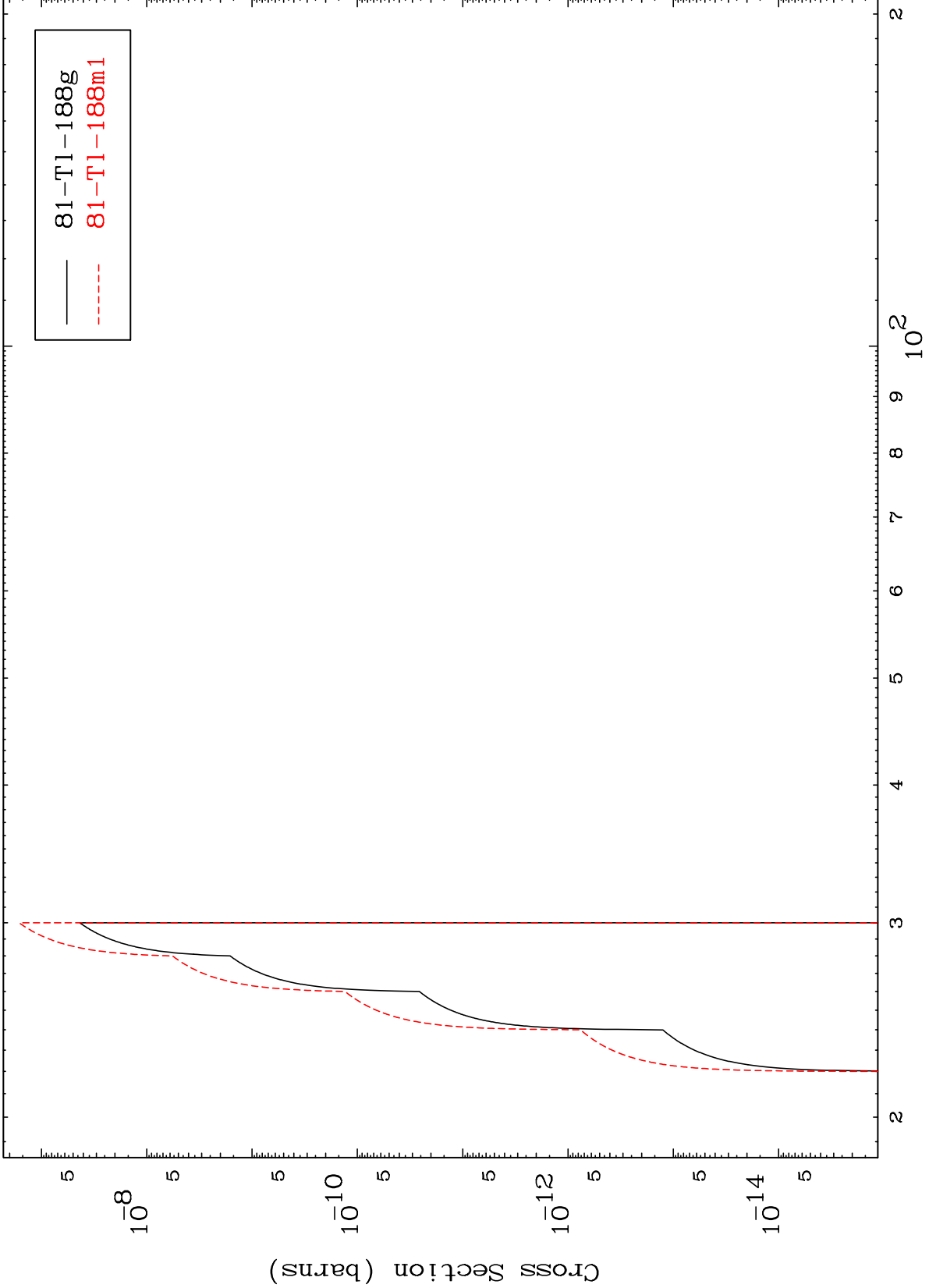
82-Pb-191m

MAT 8187

(n,n') d

82-Pb-191m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

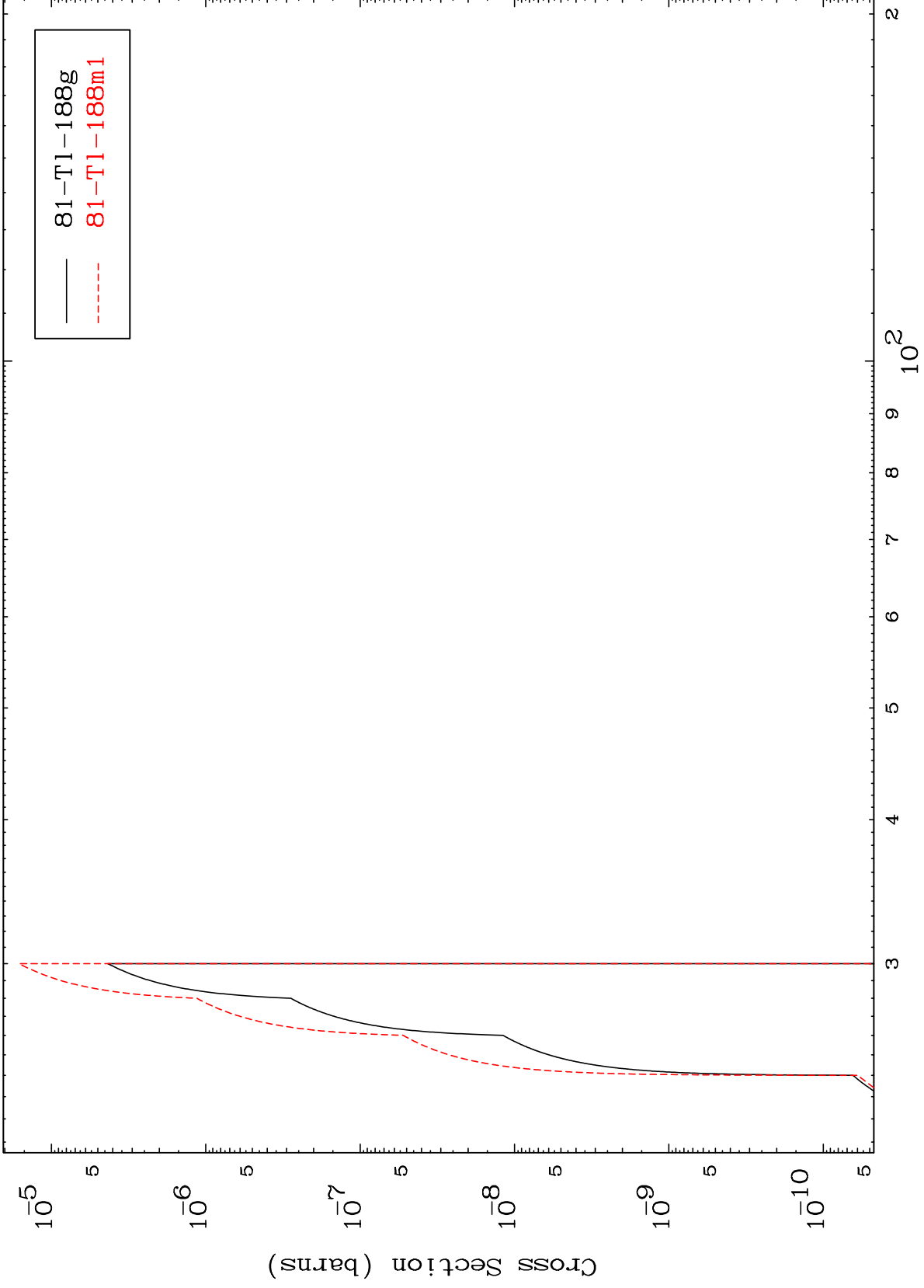
82-Pb-191m

MAT 8187

(n,2n) p

82-Pb-191m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

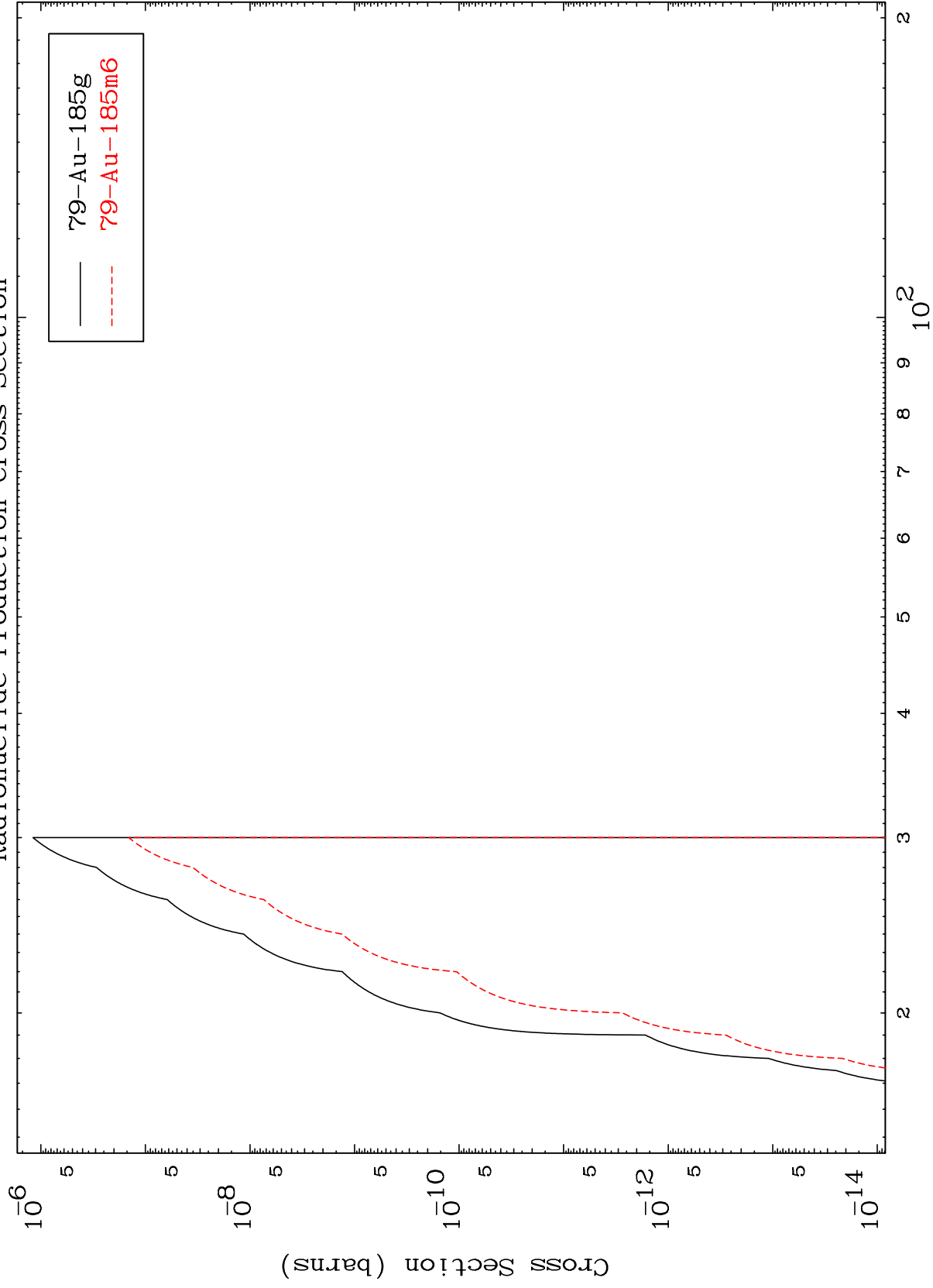
82-Pb-191m

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(n,n') p α

82-Pb-191m

Radionuclide Production Cross Section



18

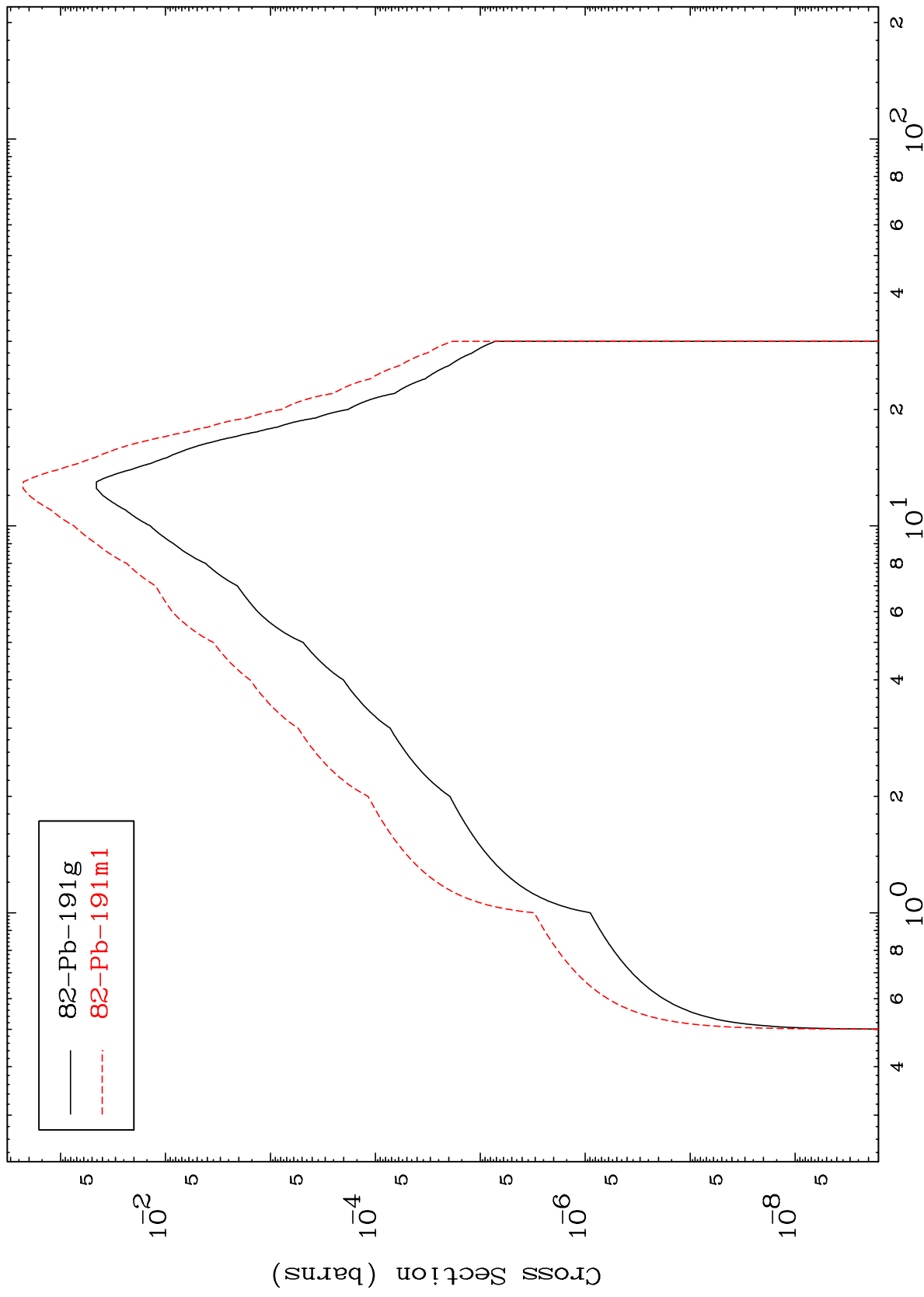
Incident Energy (MeV)

82-Pb-191m

MAT 8187

$^{82}\text{Pb-191m}$

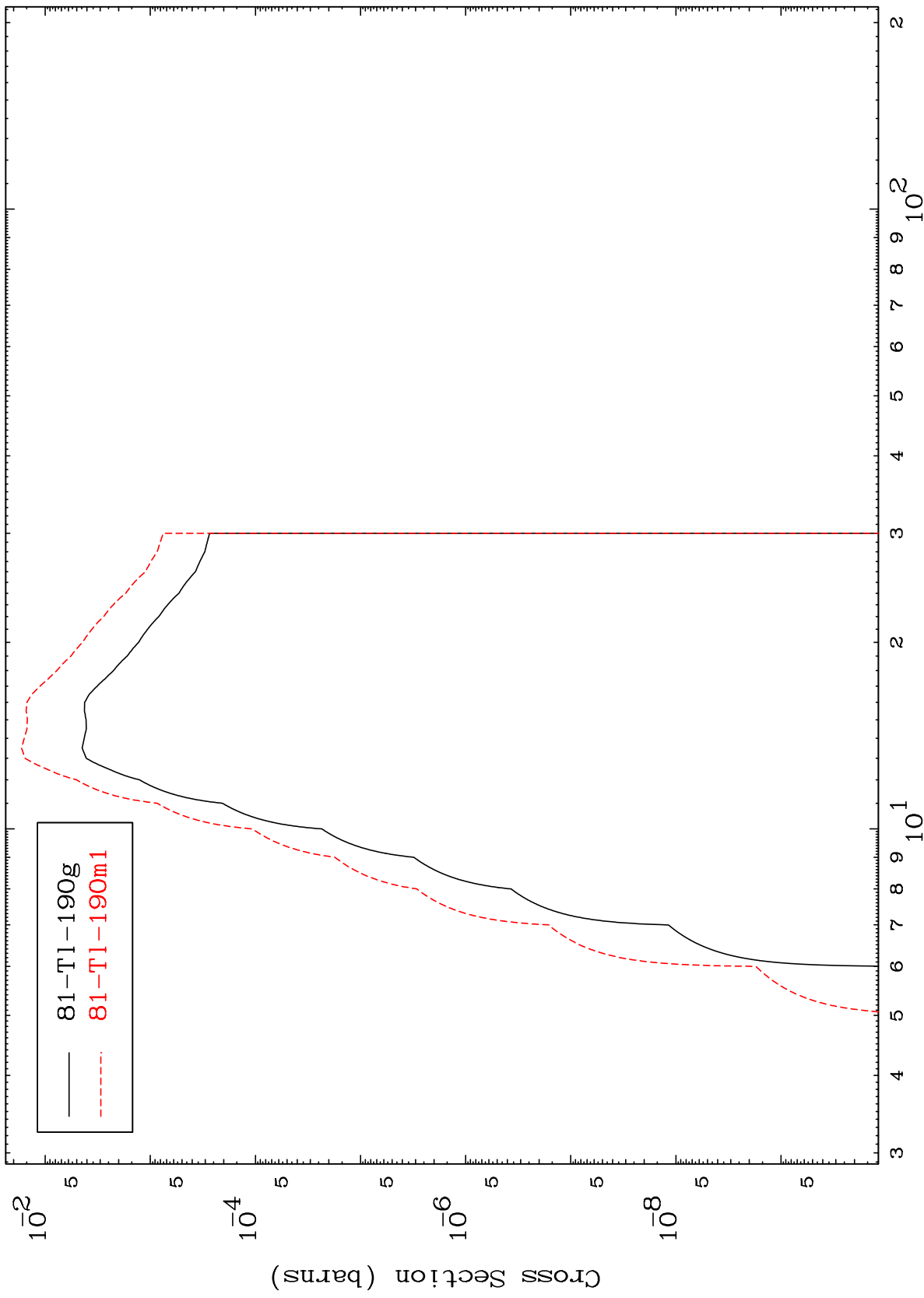
Radionuclide Production Cross Section



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82-Pb-191m

Radionuclide Production Cross Section (n,p)



20

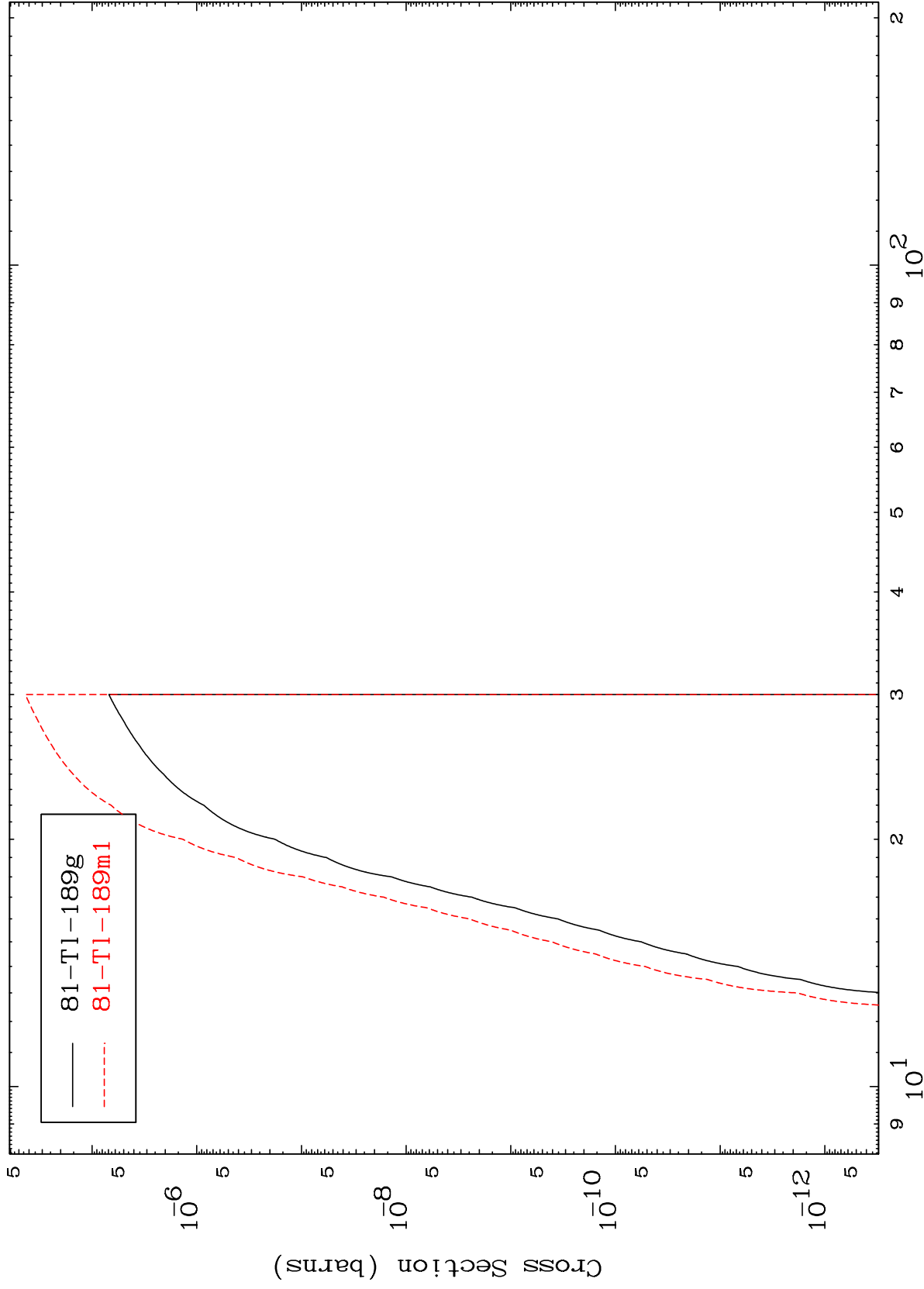
Incident Energy (MeV)

82-Pb-191m

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82-Pb-191m

(n,d)
Radionuclide Production Cross Section

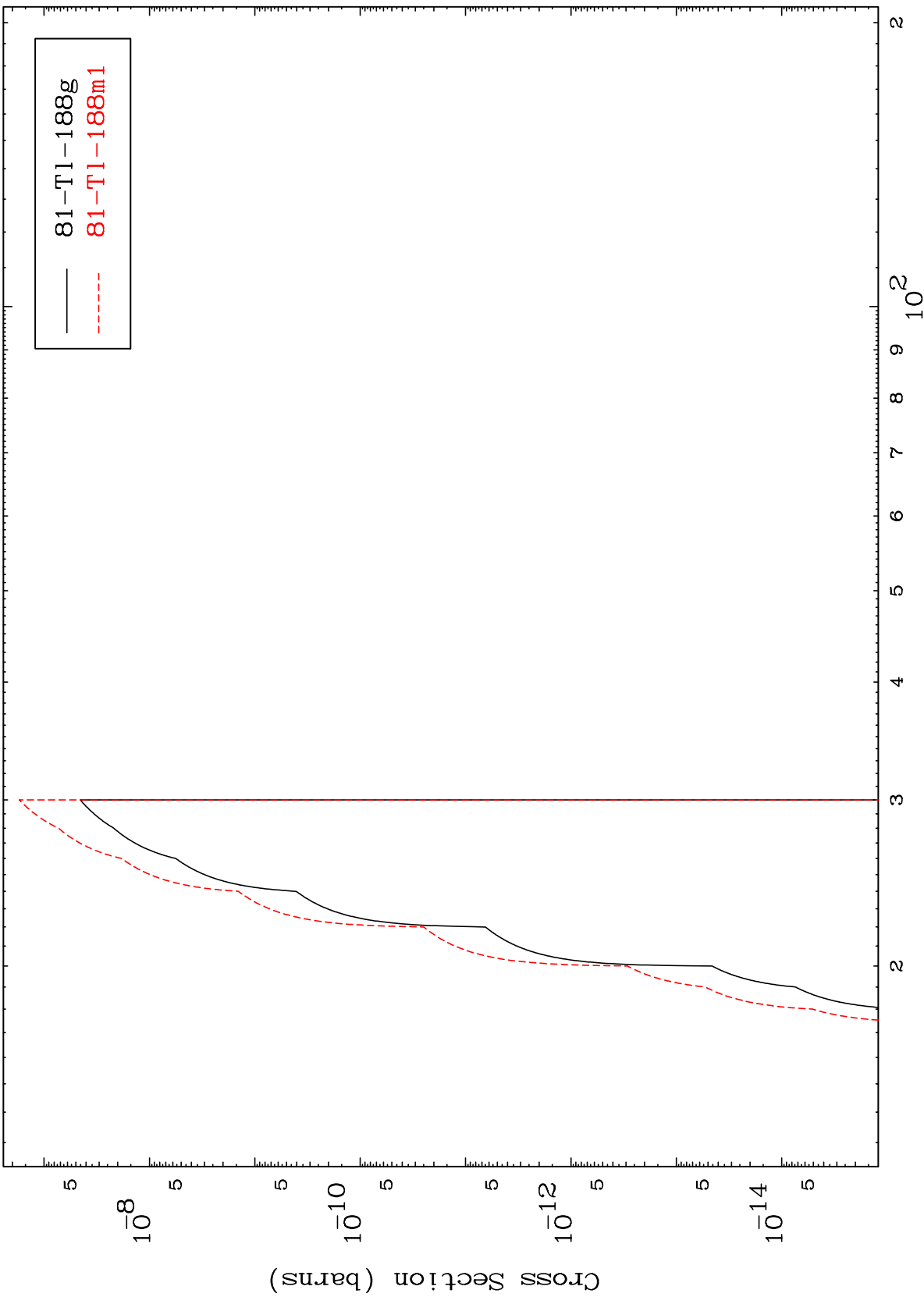


21

Incident Energy (MeV)

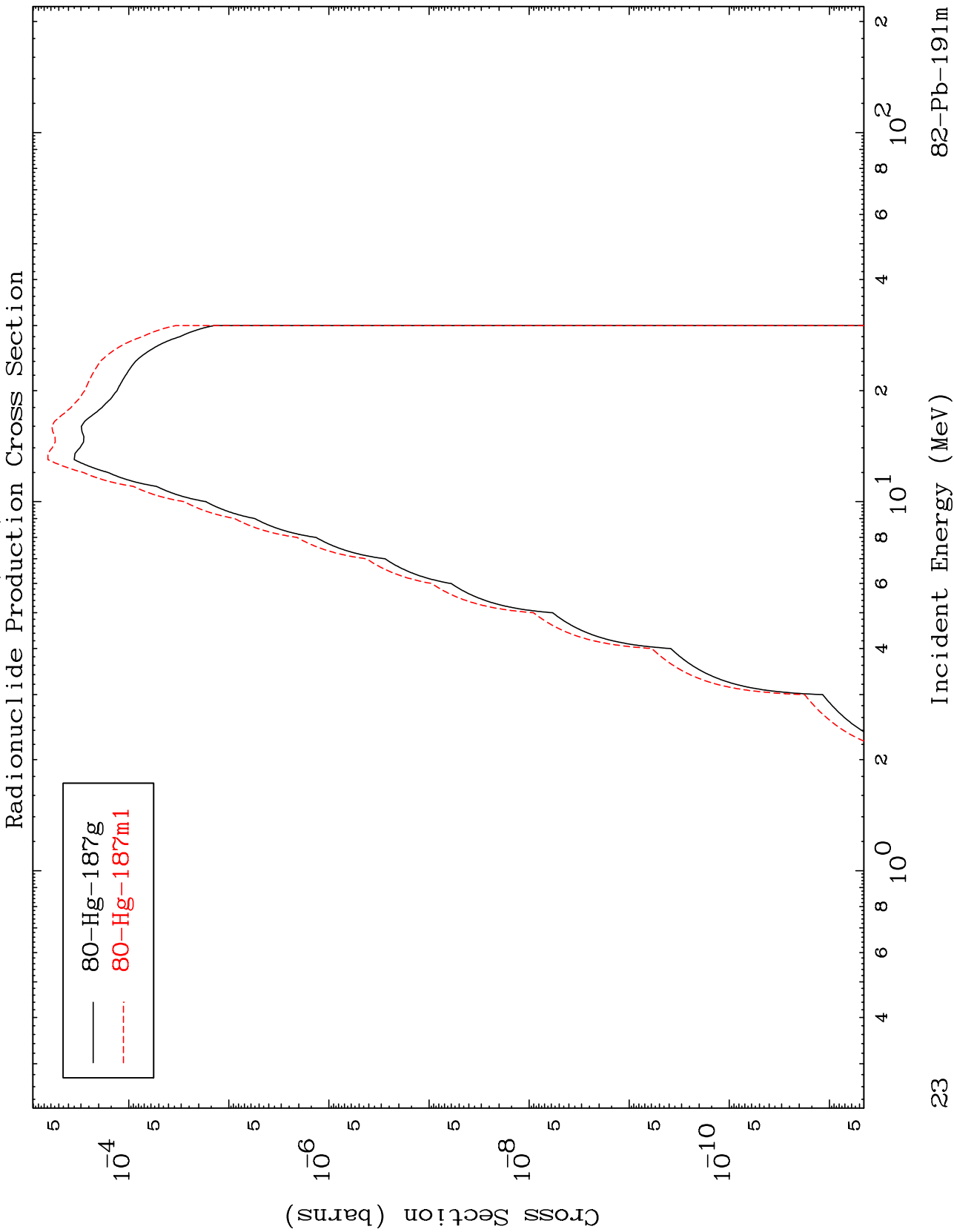
82-Pb-191m

(n, t)
Radionuclide Production Cross Section



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⁸²Pb-191m

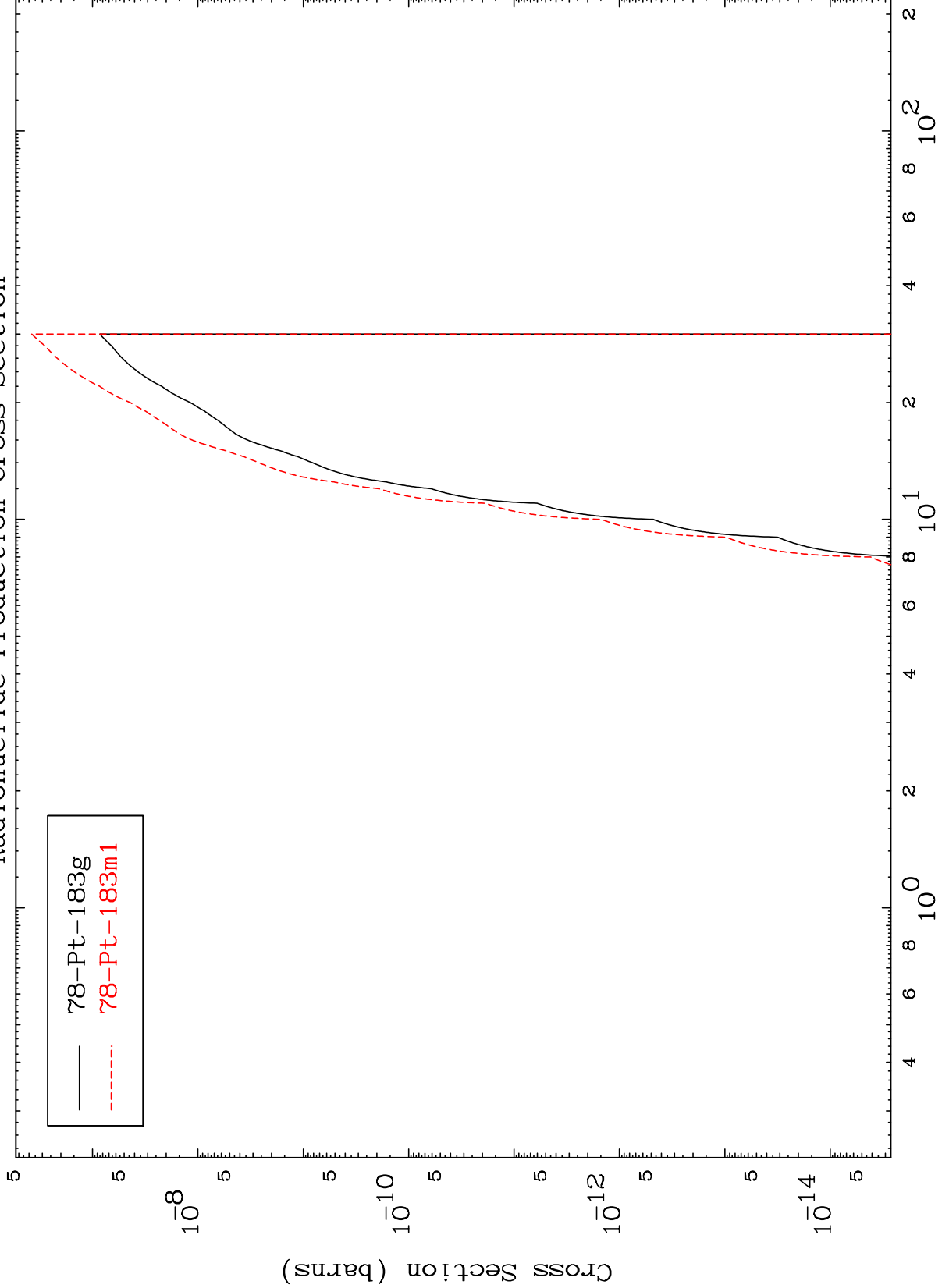


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(n,2α)

82-Pb-191m

Radionuclide Production Cross Section



78-Pt-183g
78-Pt-183m1

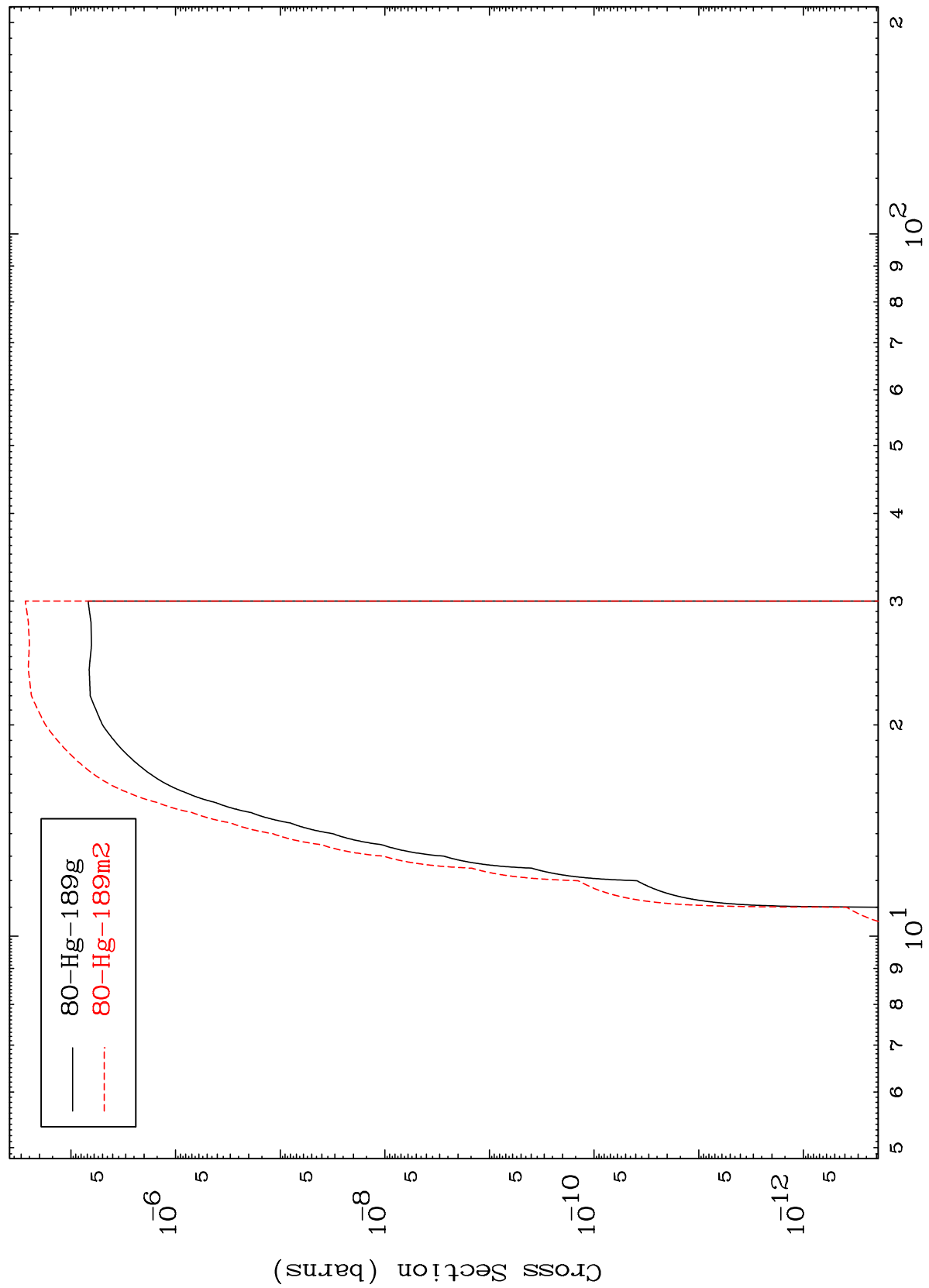
Incident Energy (MeV)

82-Pb-191m

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82-Pb-191m

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-191m

25

