

Program EVALPLOT
(Version 2017-1)

by

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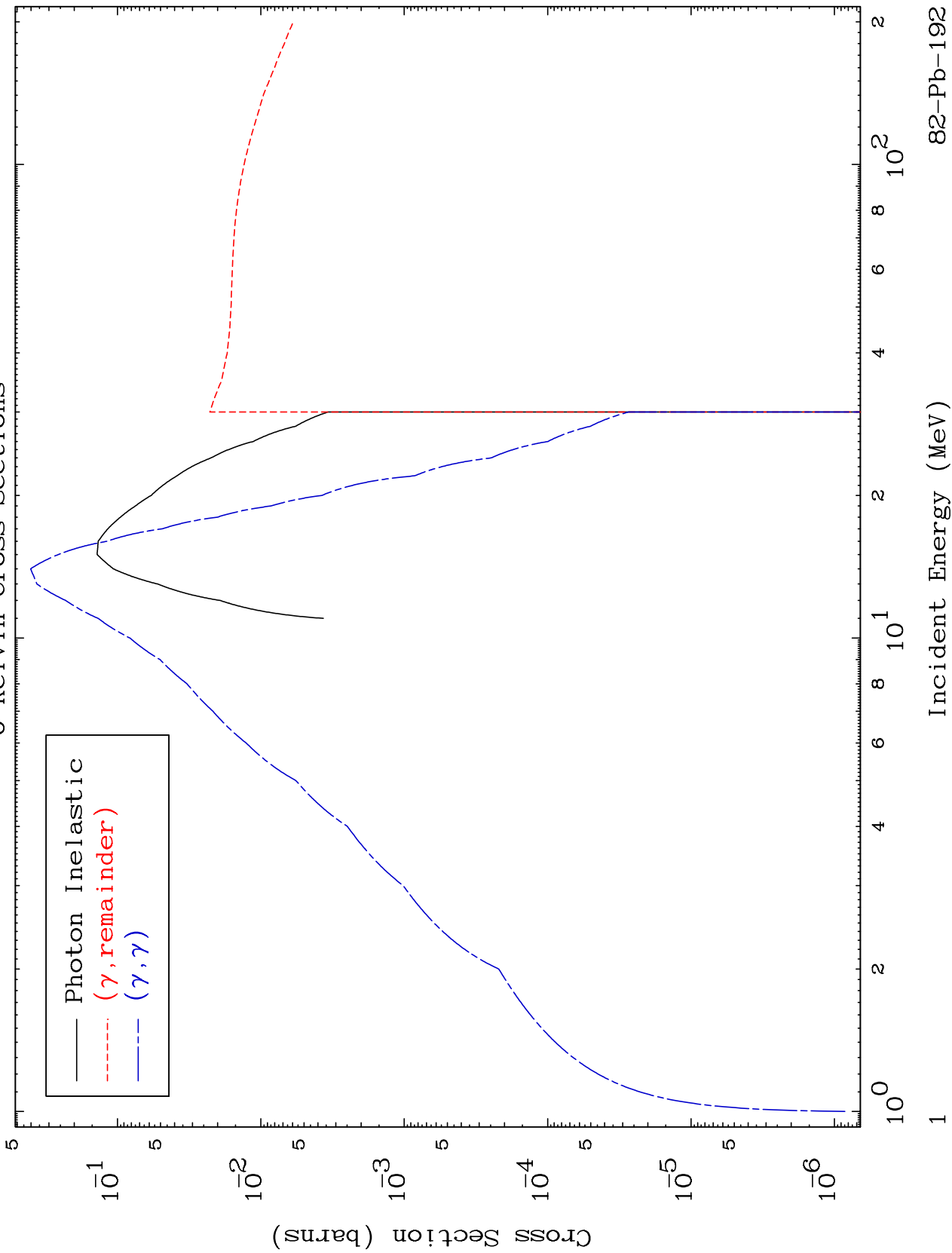
Press Mouse Button to Start

MAT 8189

Photon Major

82-Pb-192

0 Kelvin Cross Sections



— Photon Inelastic
- - - (γ , remainder)
- - - (γ , γ)

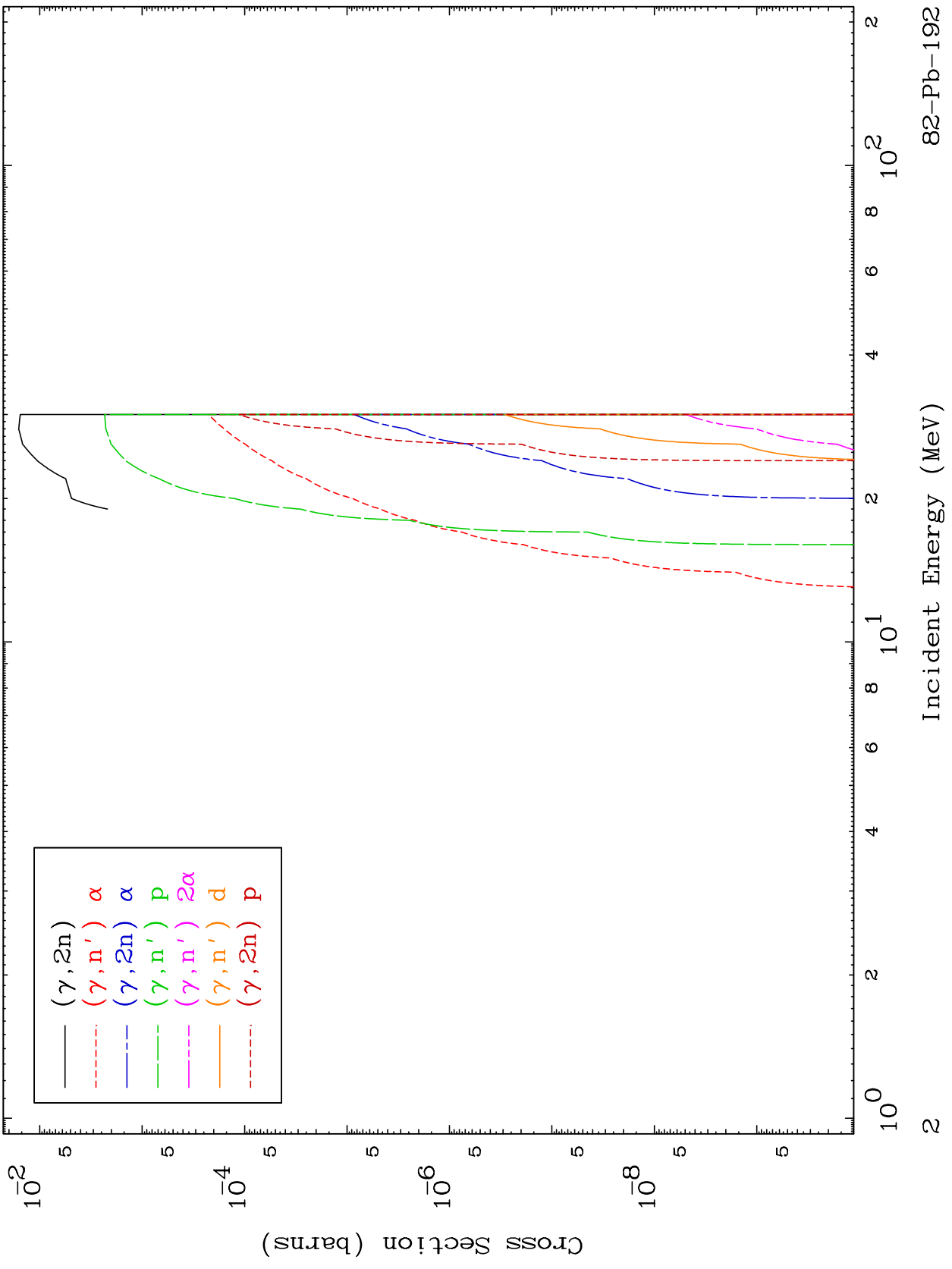
Incident Energy (MeV)

82-Pb-192

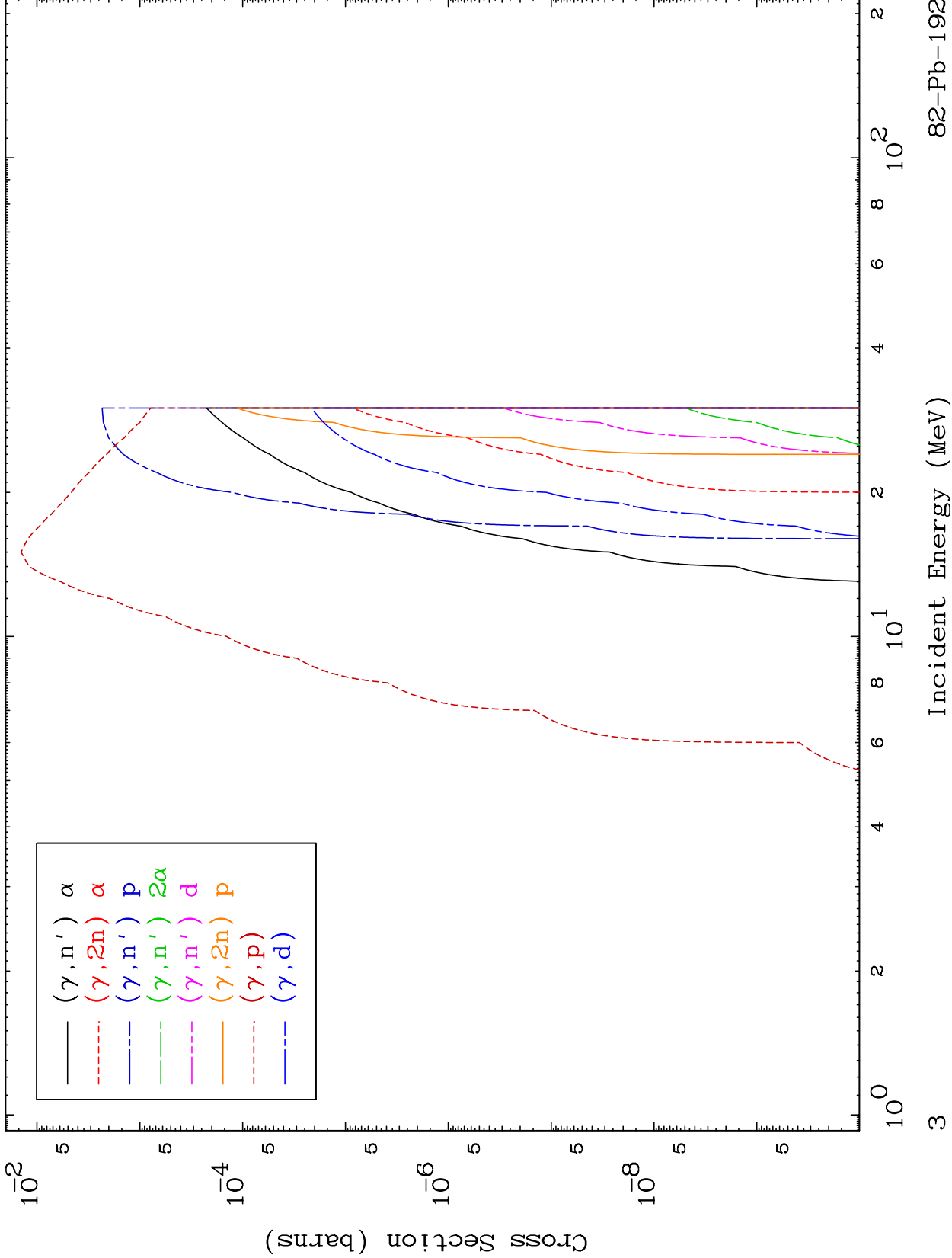
MAT 8189

Photon Neutron Production
0 Kelvin Cross Sections

82-Pb-192



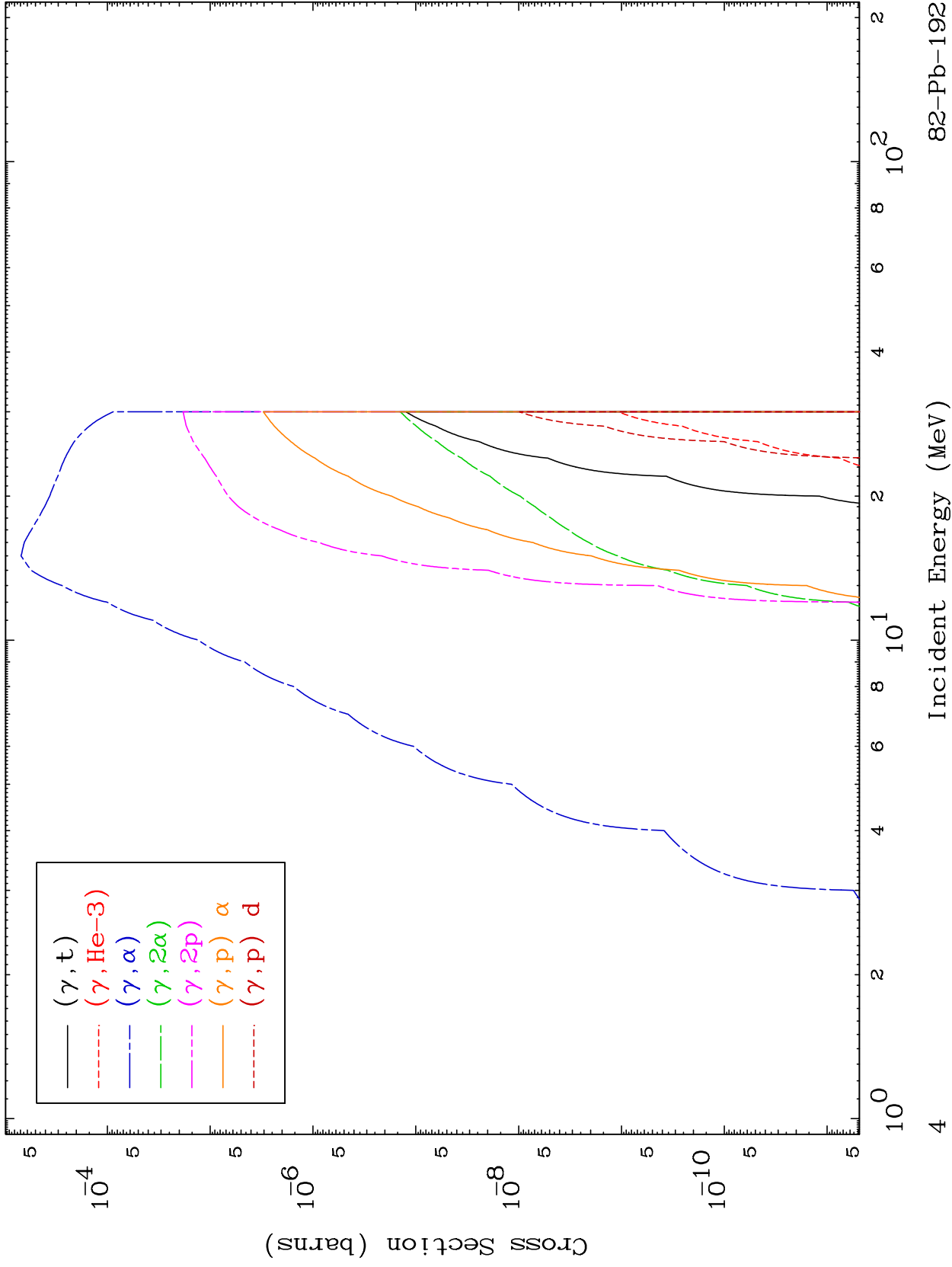
82-Pb-192



MAT 8189

Photon Charged Particle
0 Kelvin Cross Sections

82-Pb-192



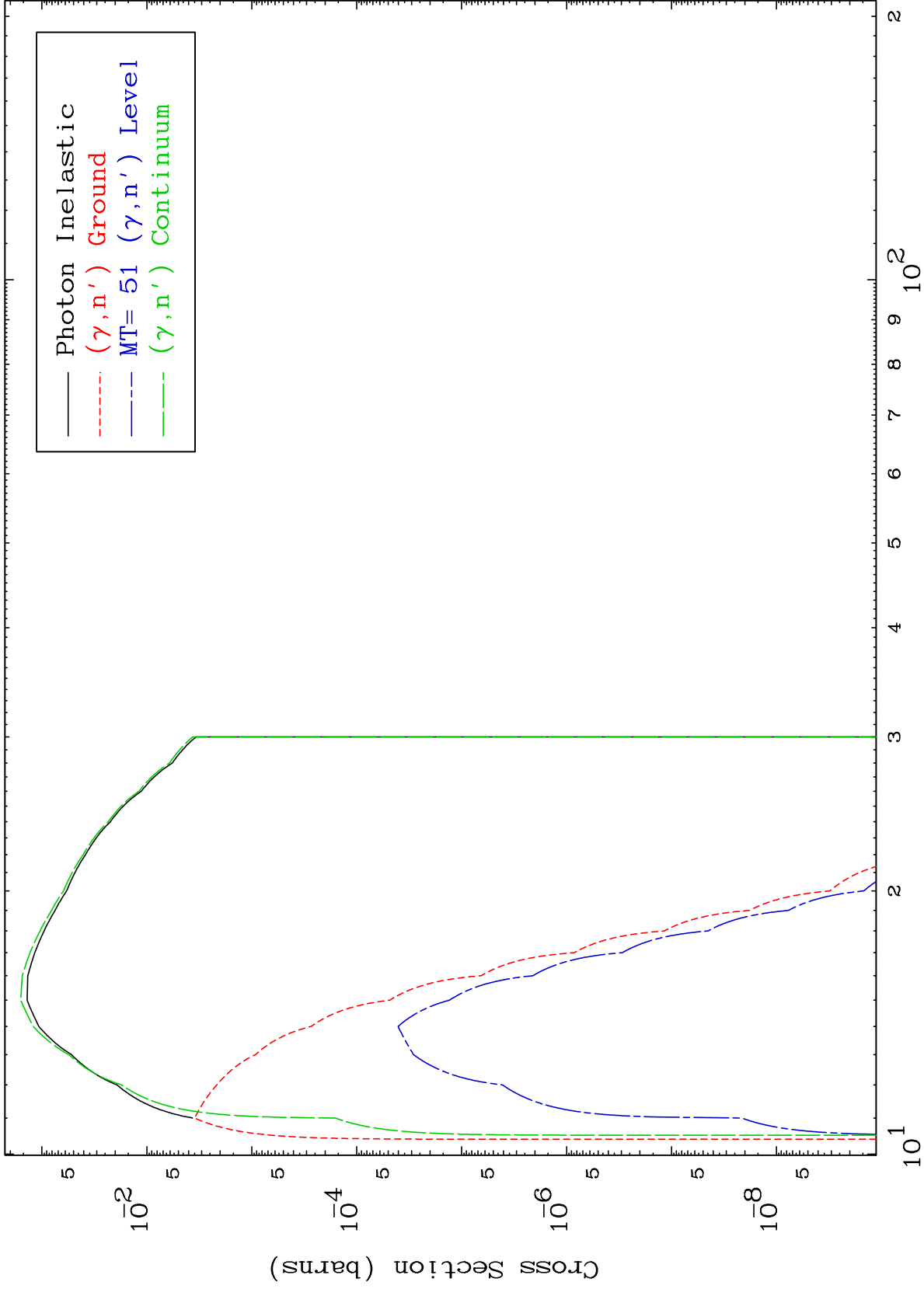
82-Pb-192

MAT 8189

(γ, n') Level

82-Pb-192

0 Kelvin Cross Sections



Incident Energy (MeV)

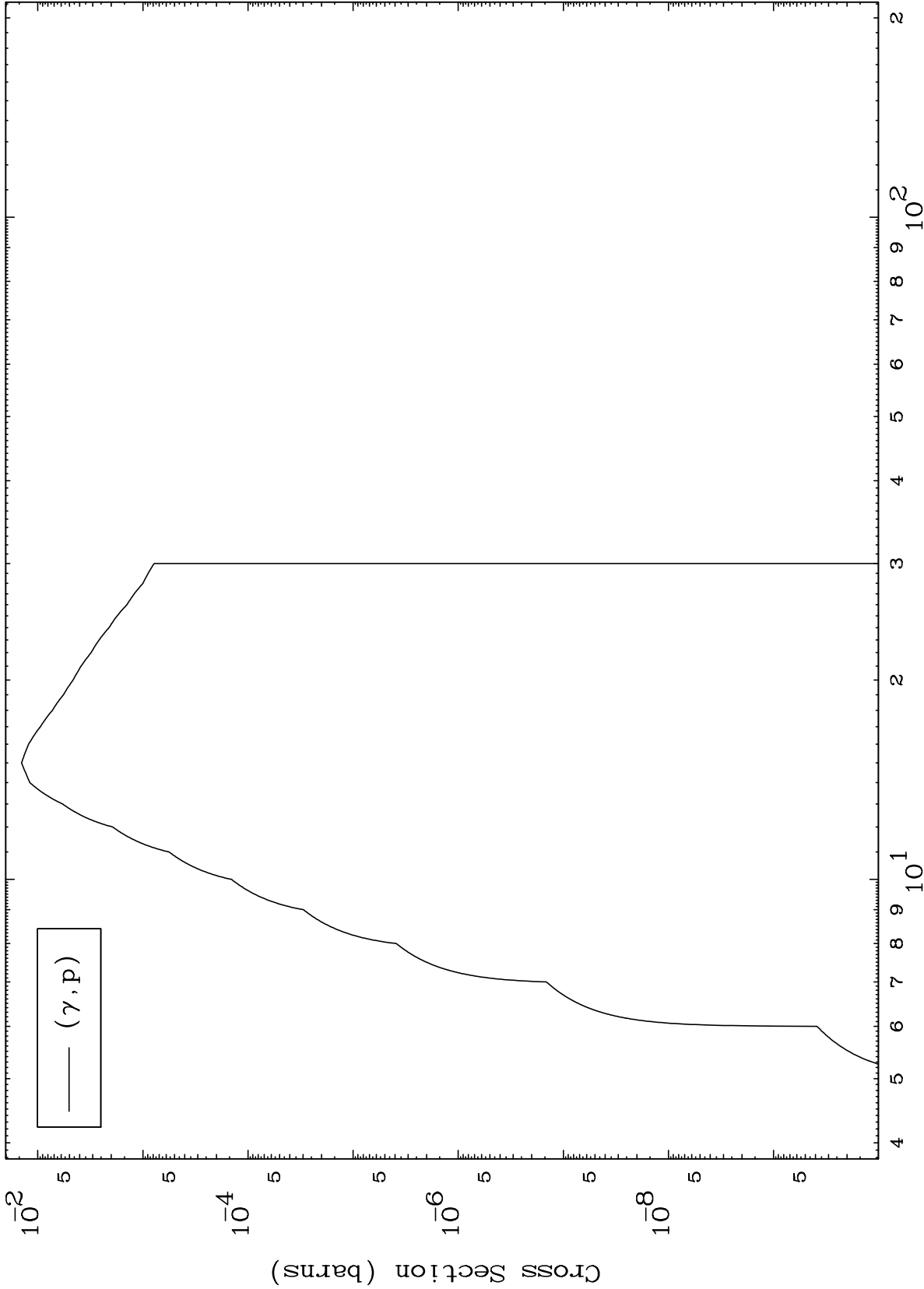
82-Pb-192

MAT 8189

(γ, p) Levels

82-Pb-192

0 Kelvin Cross Sections



Incident Energy (MeV)

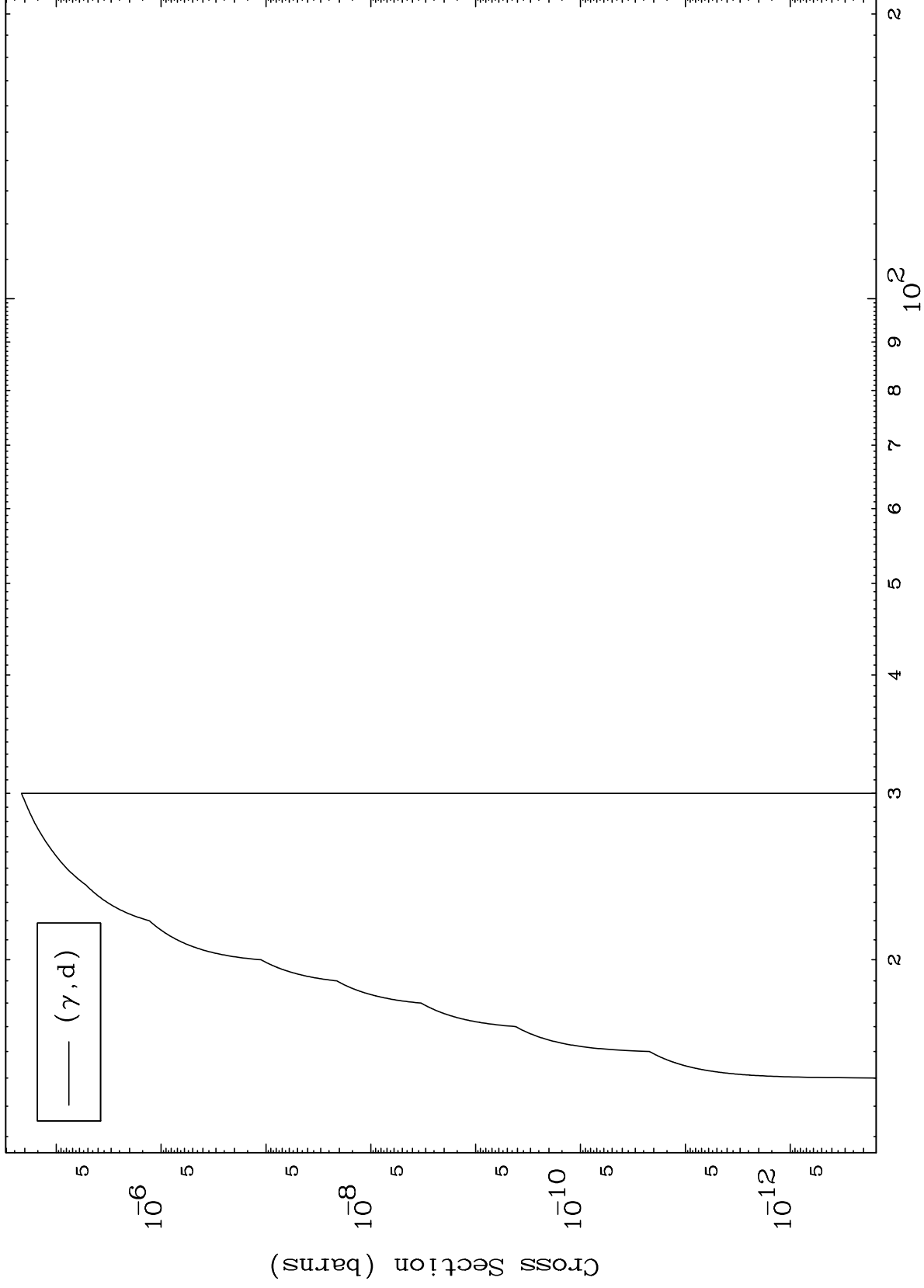
82-Pb-192

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MAT 8189

(γ, d) Levels
0 Kelvin Cross Sections

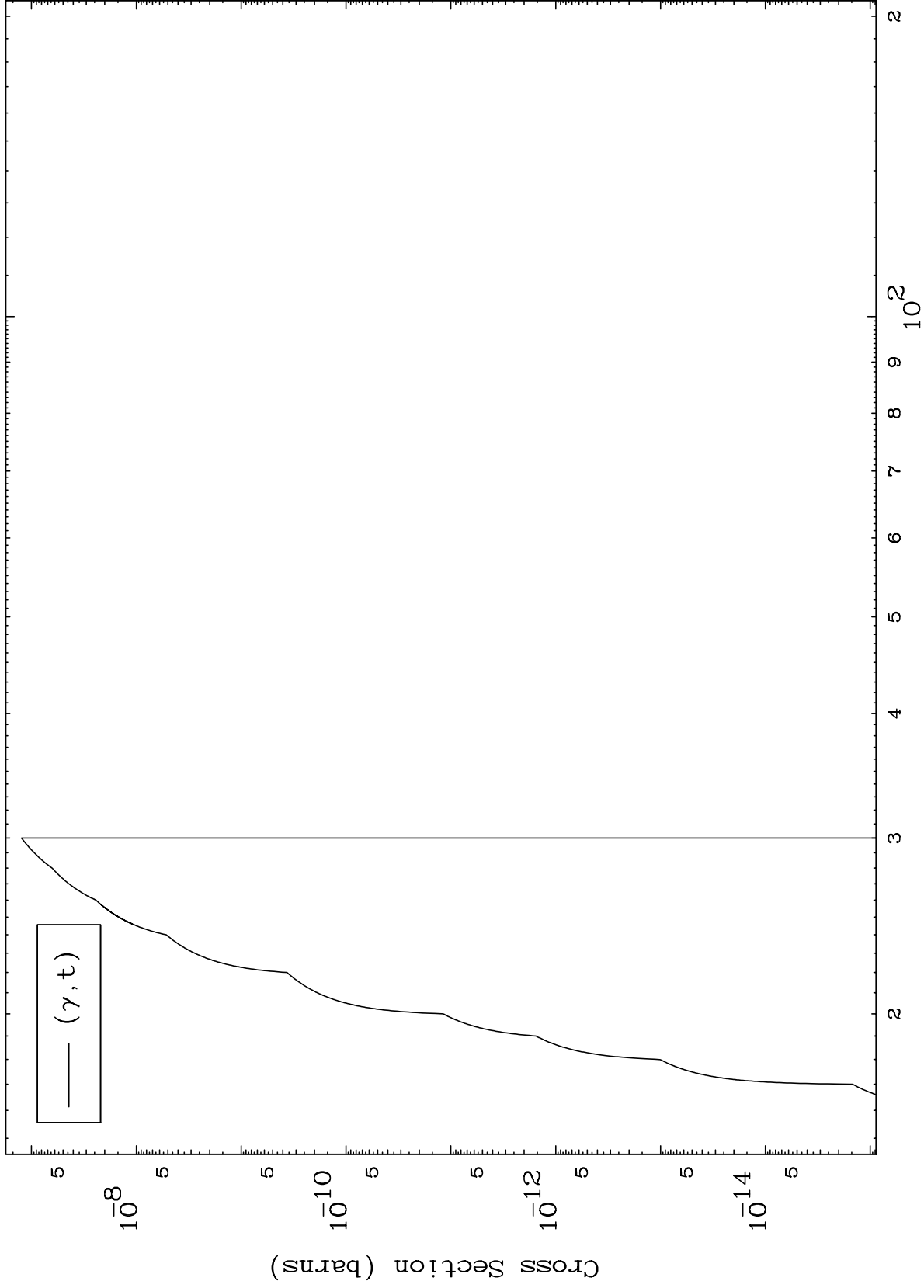
82-Pb-192

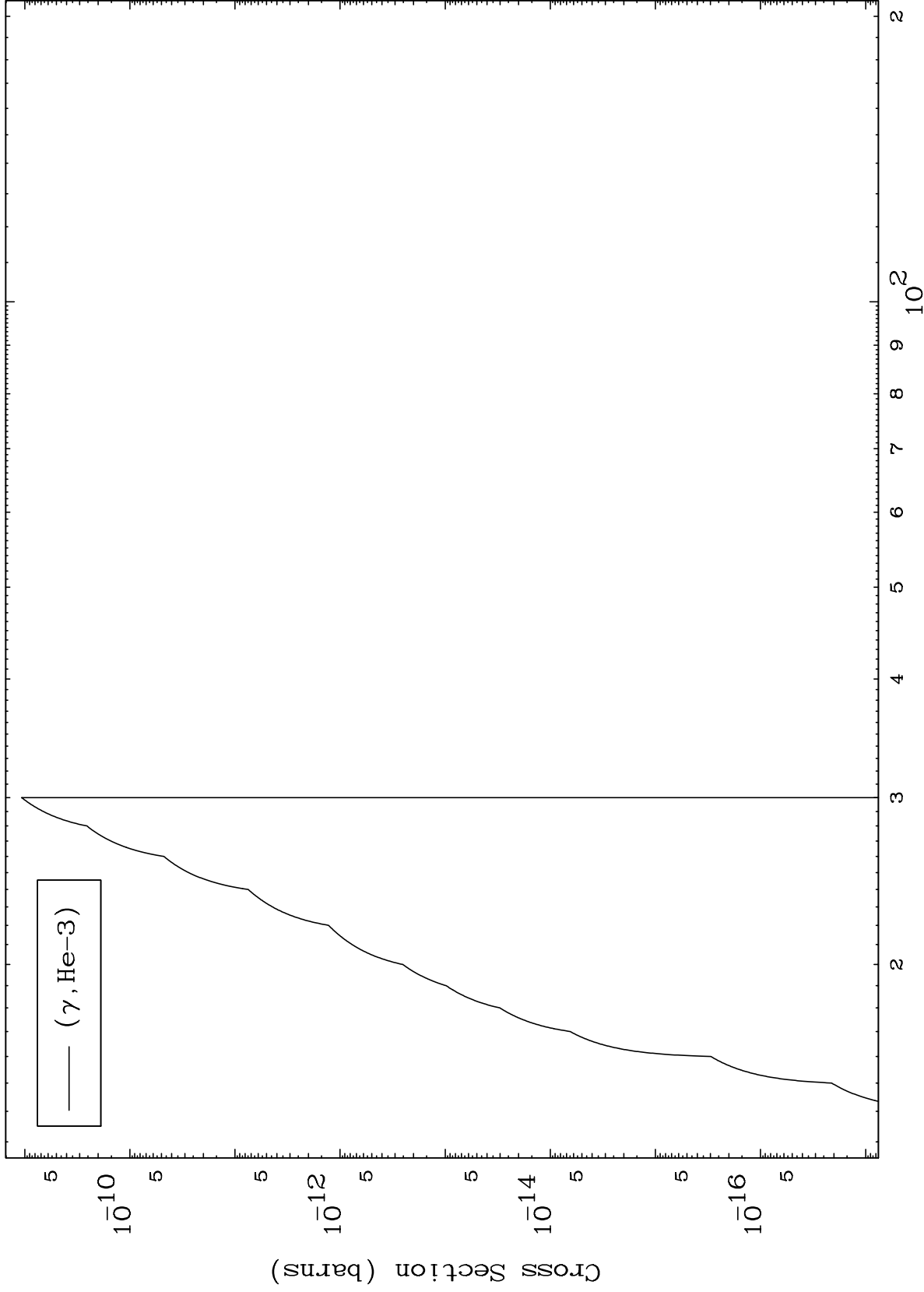


7

Incident Energy (MeV)

82-Pb-192

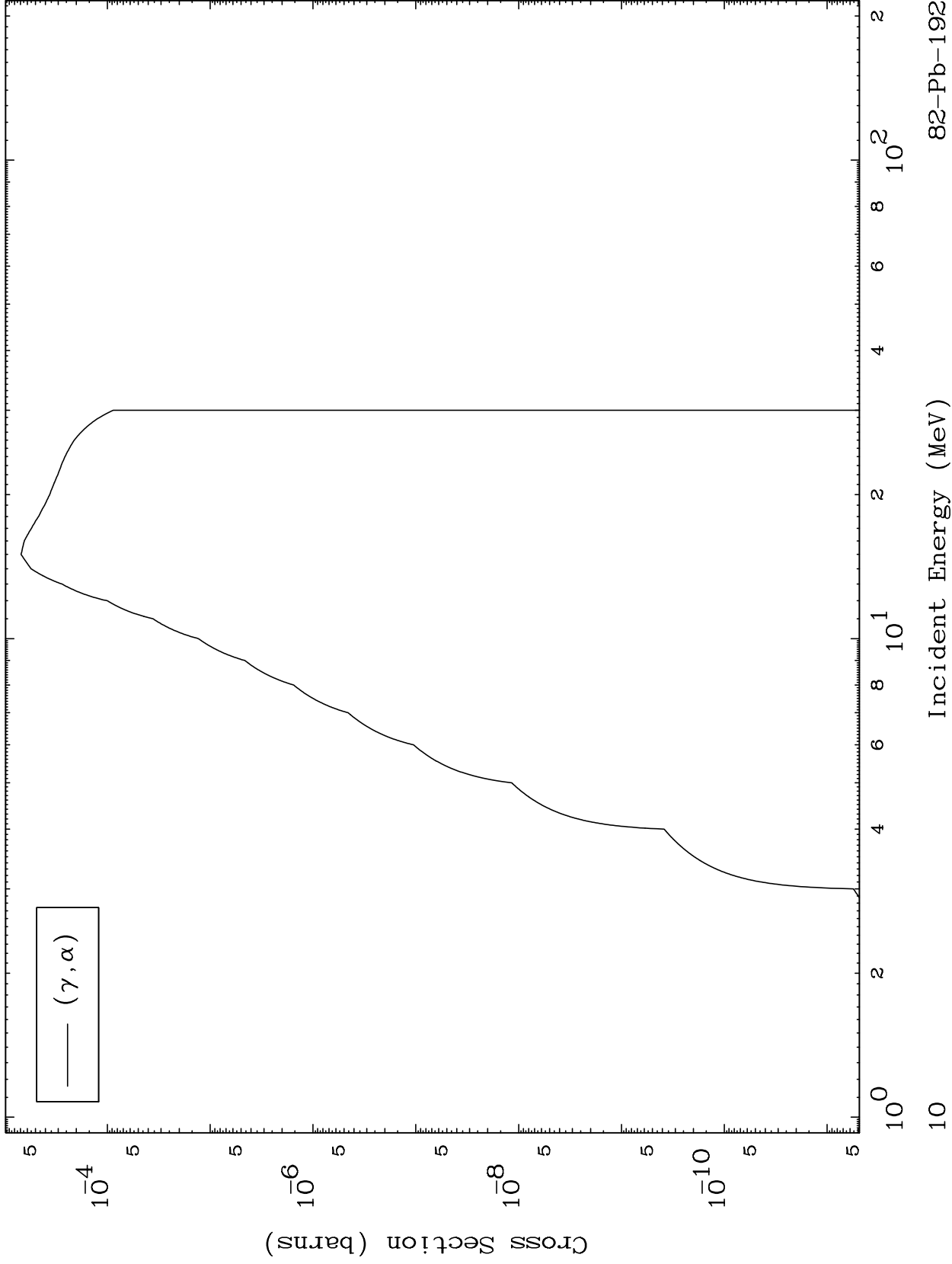




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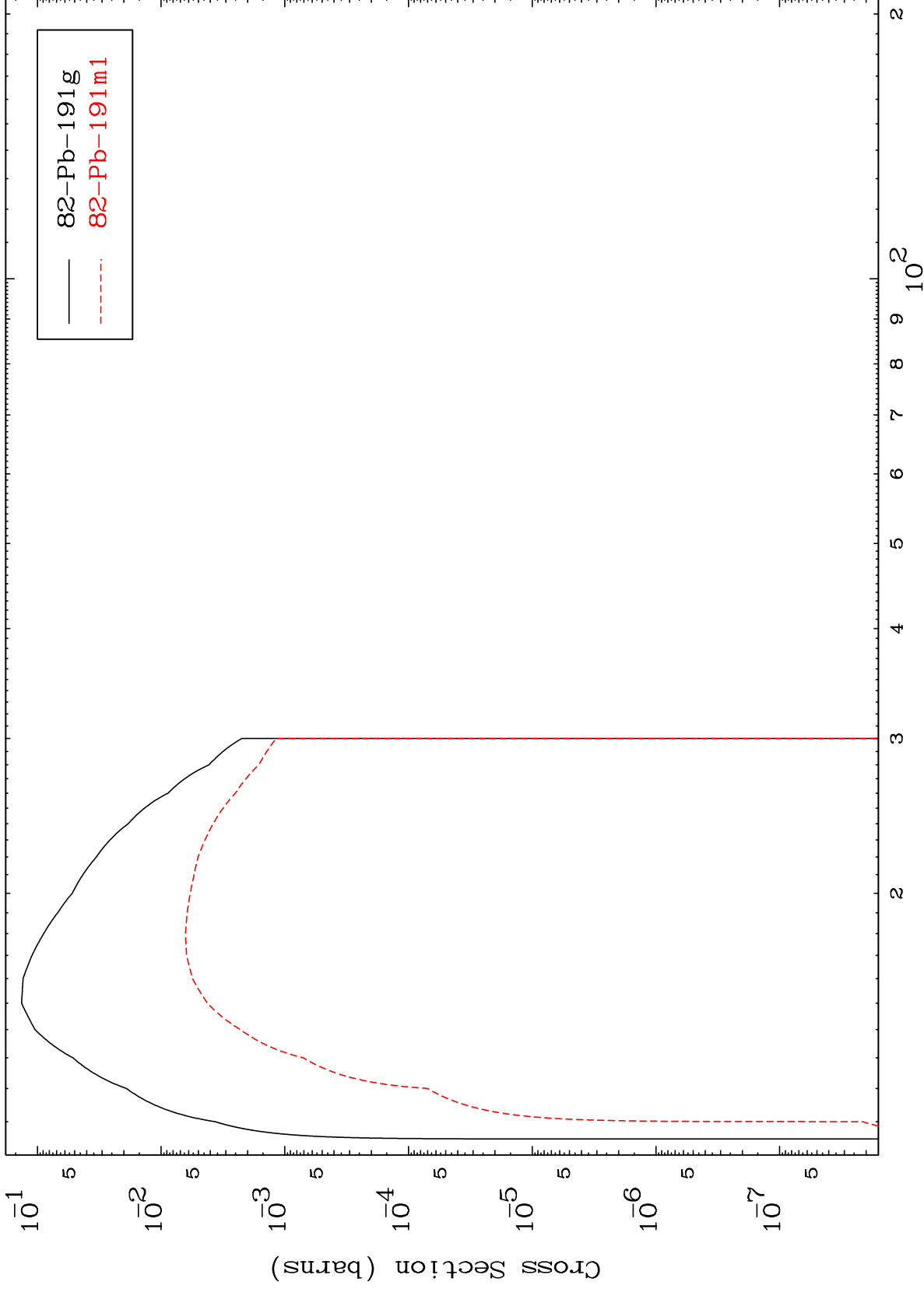
(γ, α) Levels
0 Kelvin Cross Sections

82-Pb-192



Incident Energy (MeV)

82-Pb-192

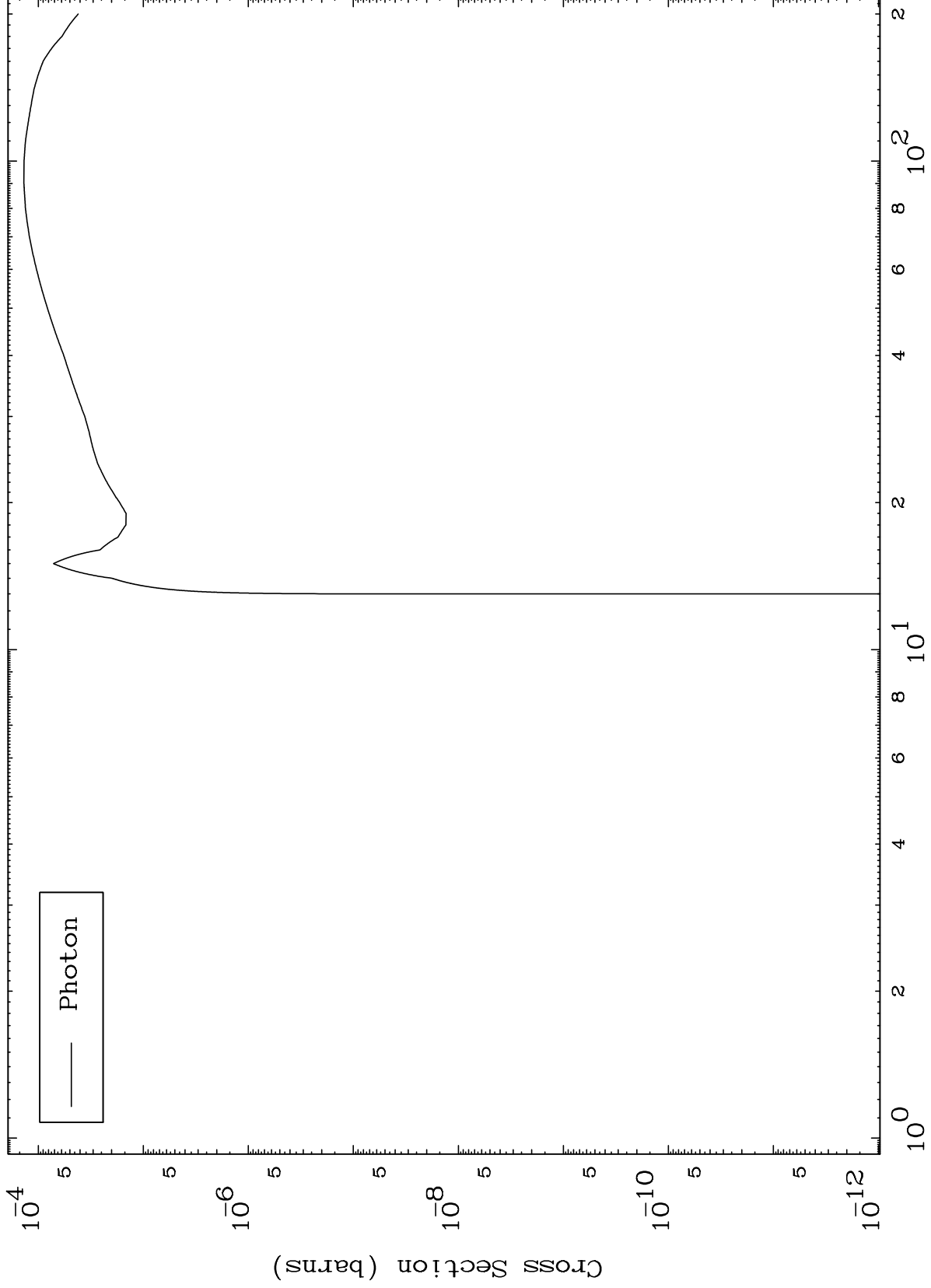


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Photon Fission

82-Pb-192

Radionuclide Production Cross Section



Incident Energy (MeV)

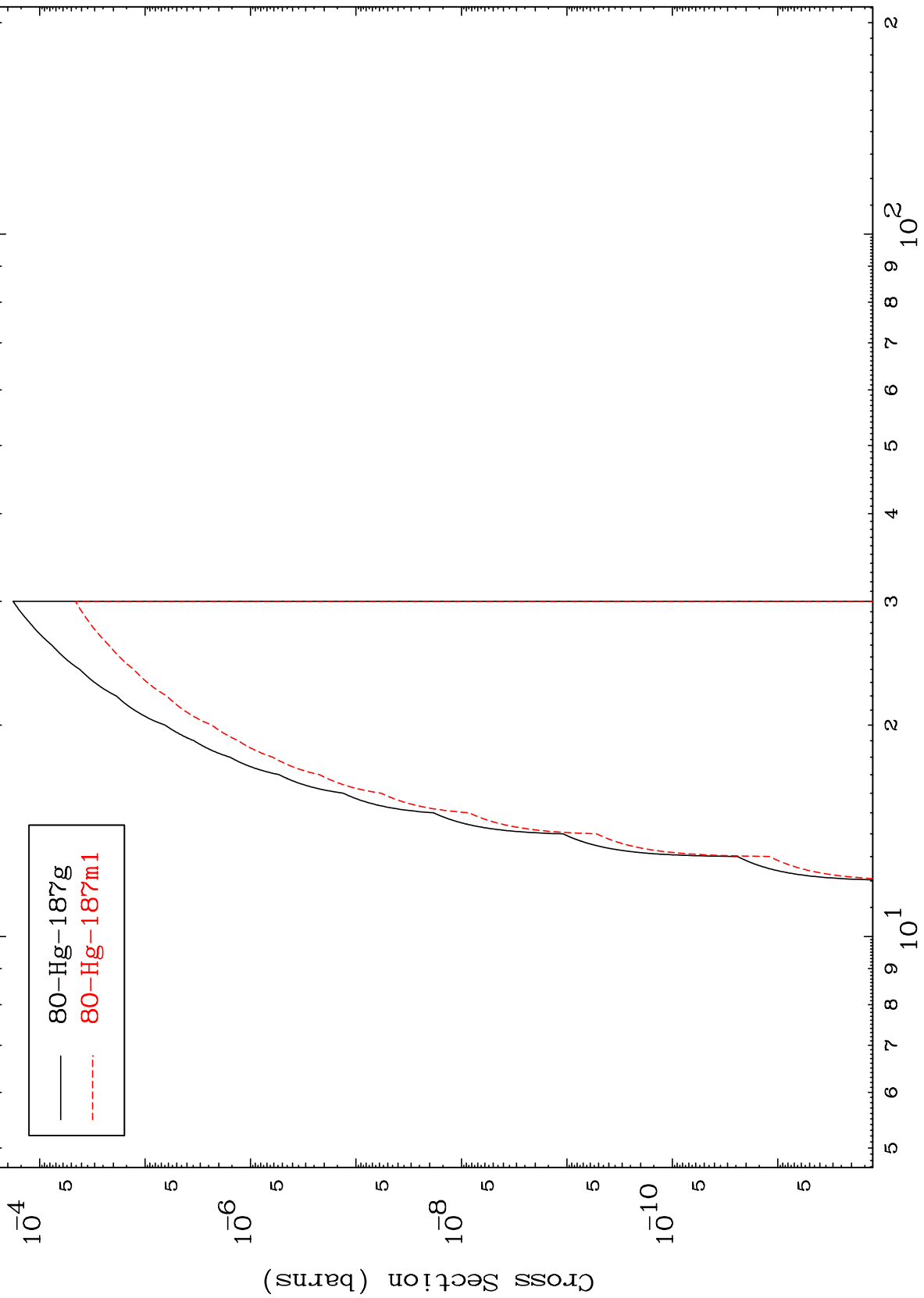
82-Pb-192

MAT 8189

(γ, n') α

82-Pb-192

Radionuclide Production Cross Section



80-Hg-187g
80-Hg-187m1

13

Incident Energy (MeV)

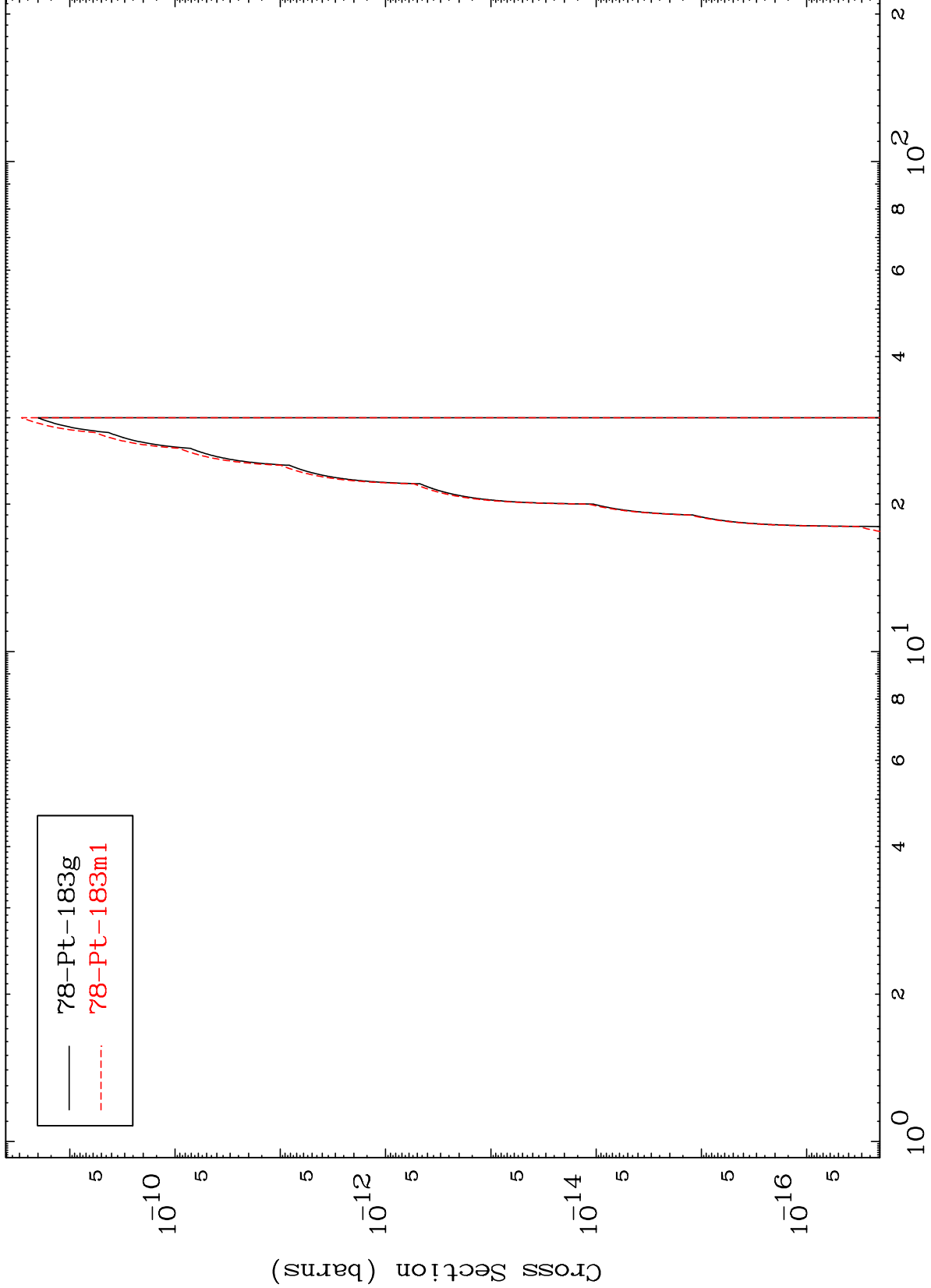
82-Pb-192

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(γ, n') 2α

82-Pb-192

Radionuclide Production Cross Section



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

Incident Energy (MeV)

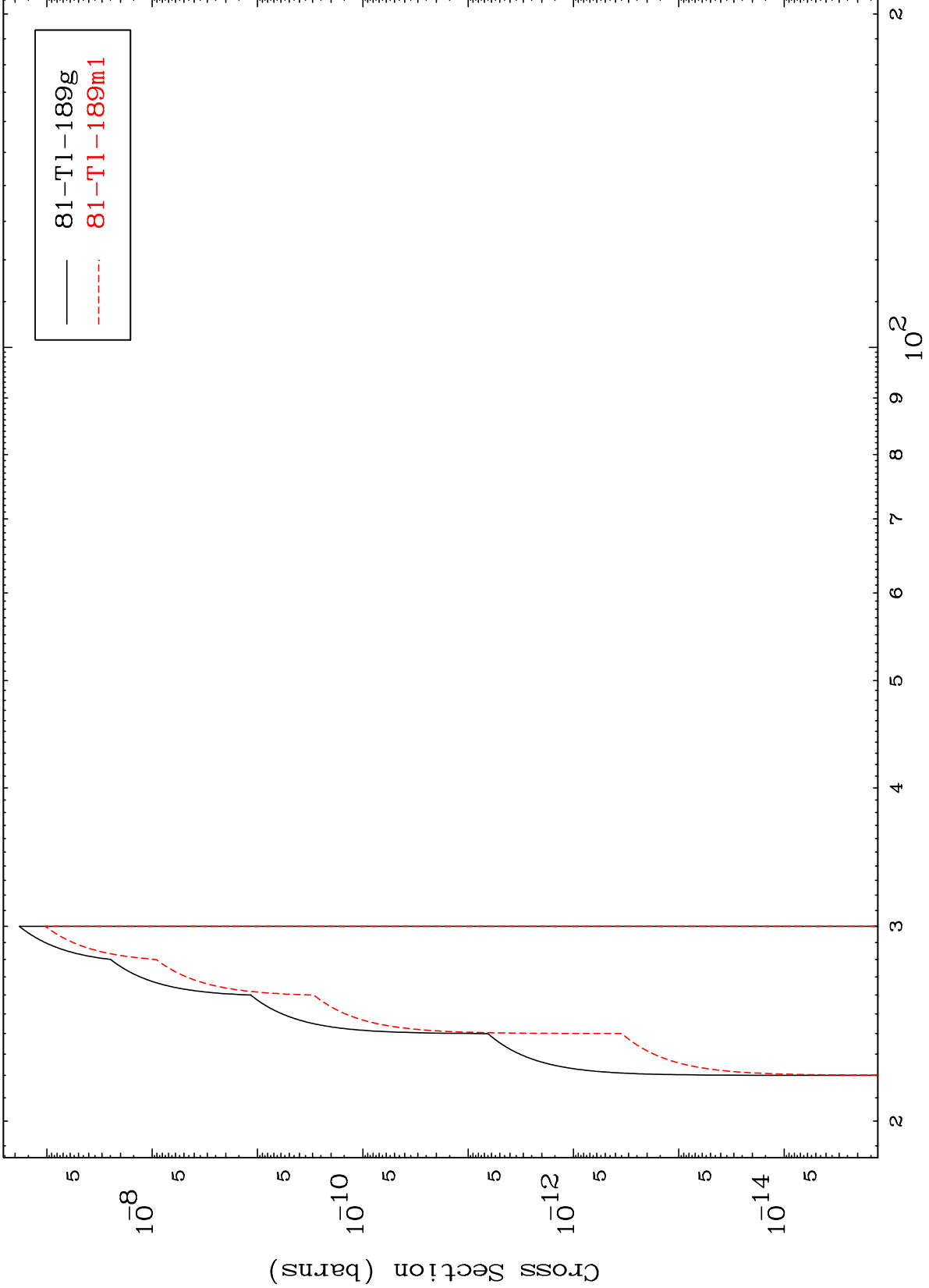
82-Pb-192

MAT 8189

(γ, n') d

82-Pb-192

Radionuclide Production Cross Section



15

Incident Energy (MeV)

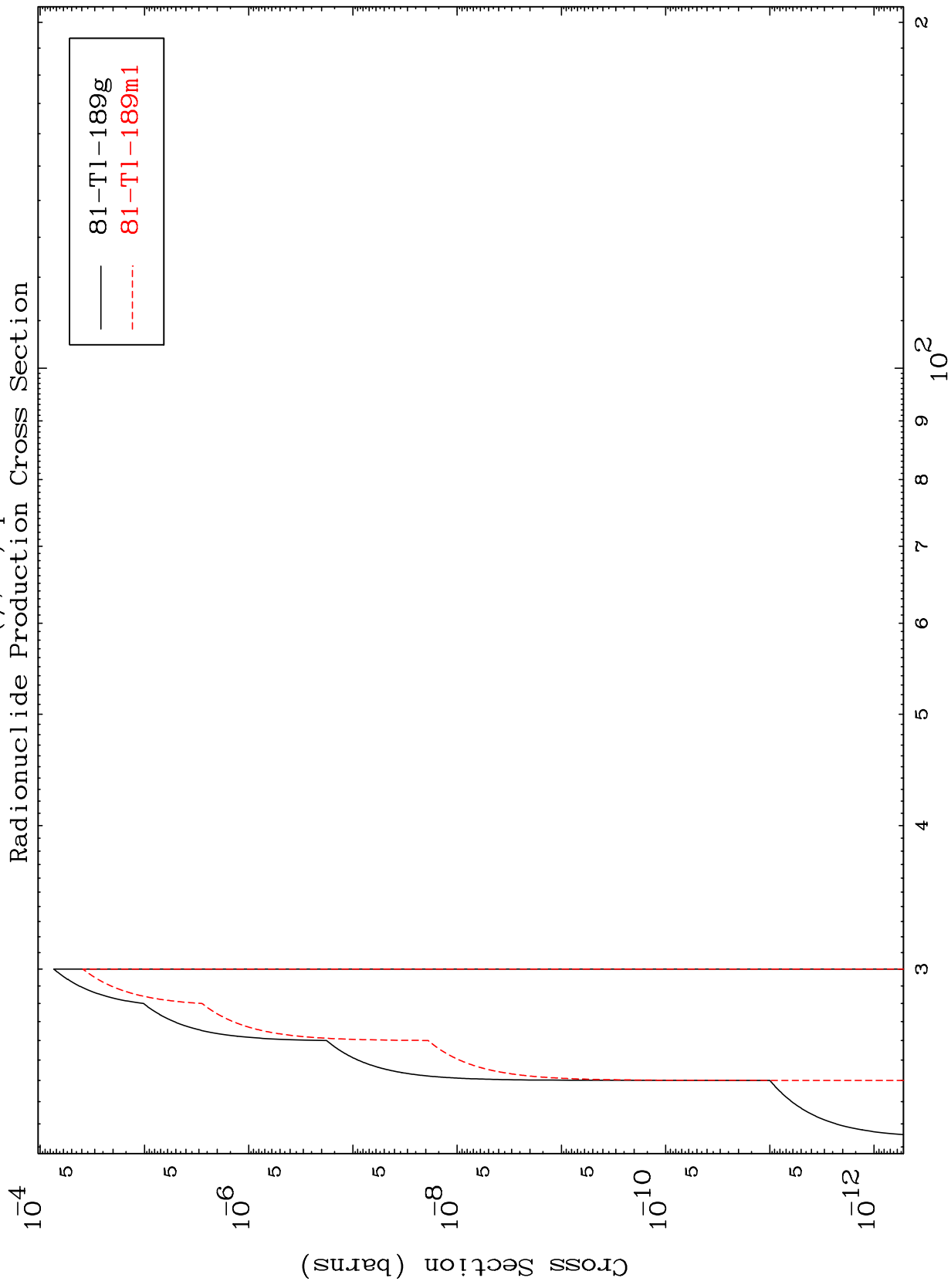
82-Pb-192

MAT 8189

$(\gamma, 2n)$ p

82-Pb-192

Radionuclide Production Cross Section



16

Incident Energy (MeV)

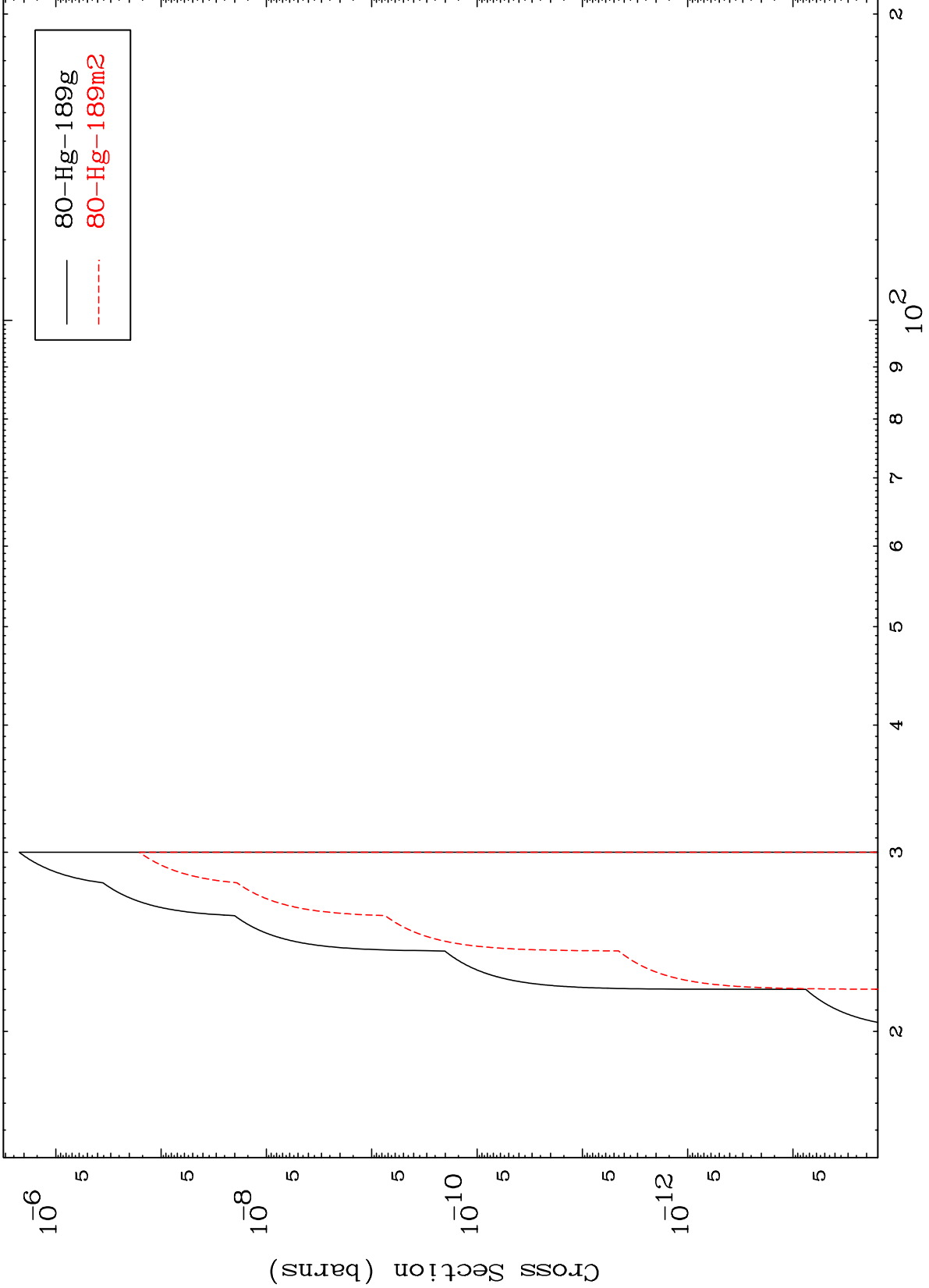
82-Pb-192

MAT 8189

($\gamma, 2n$) p

82-Pb-192

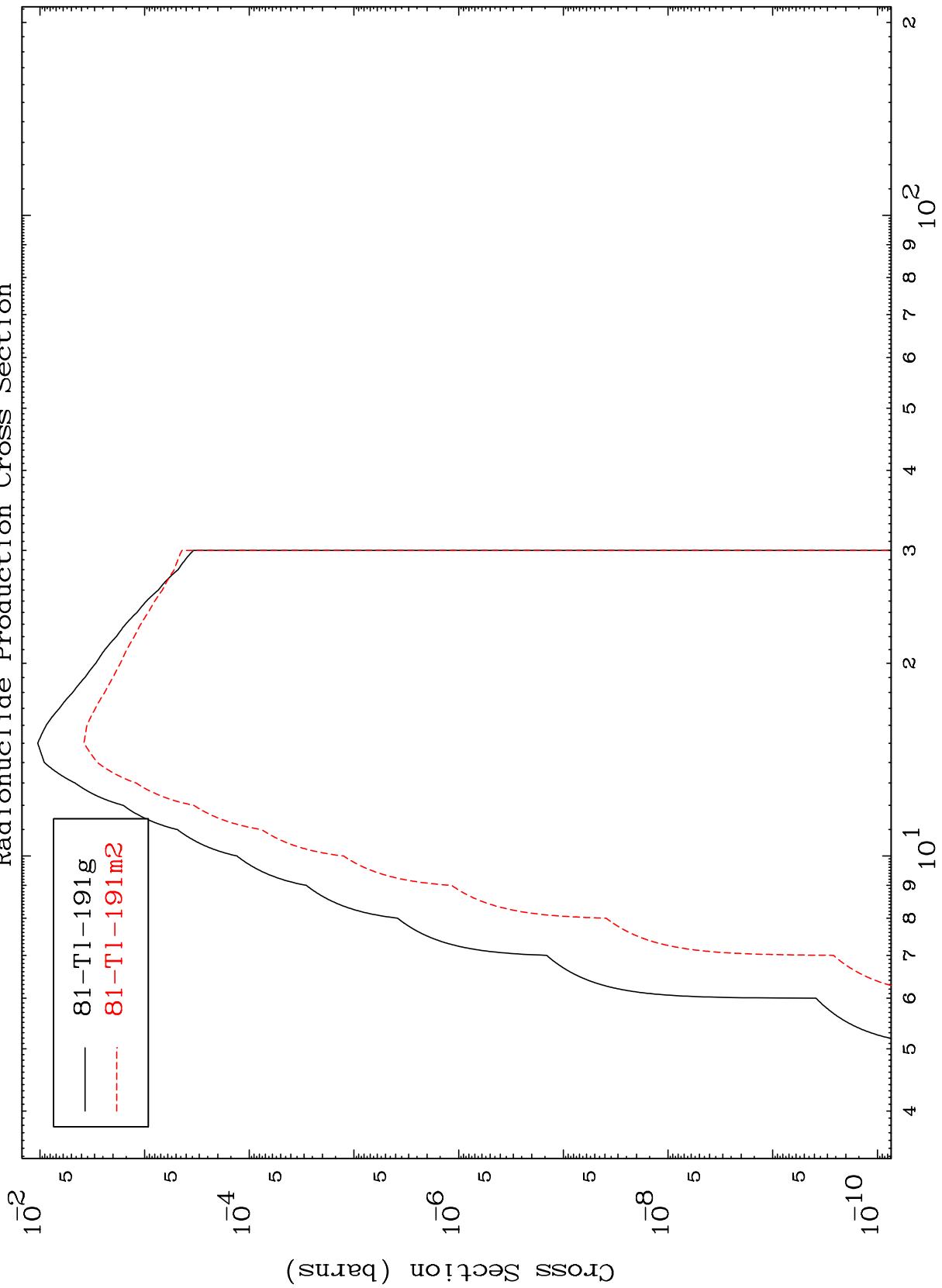
Radionuclide Production Cross Section



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82-Pb-192

Radionuclide Production Cross Section
(γ, p)



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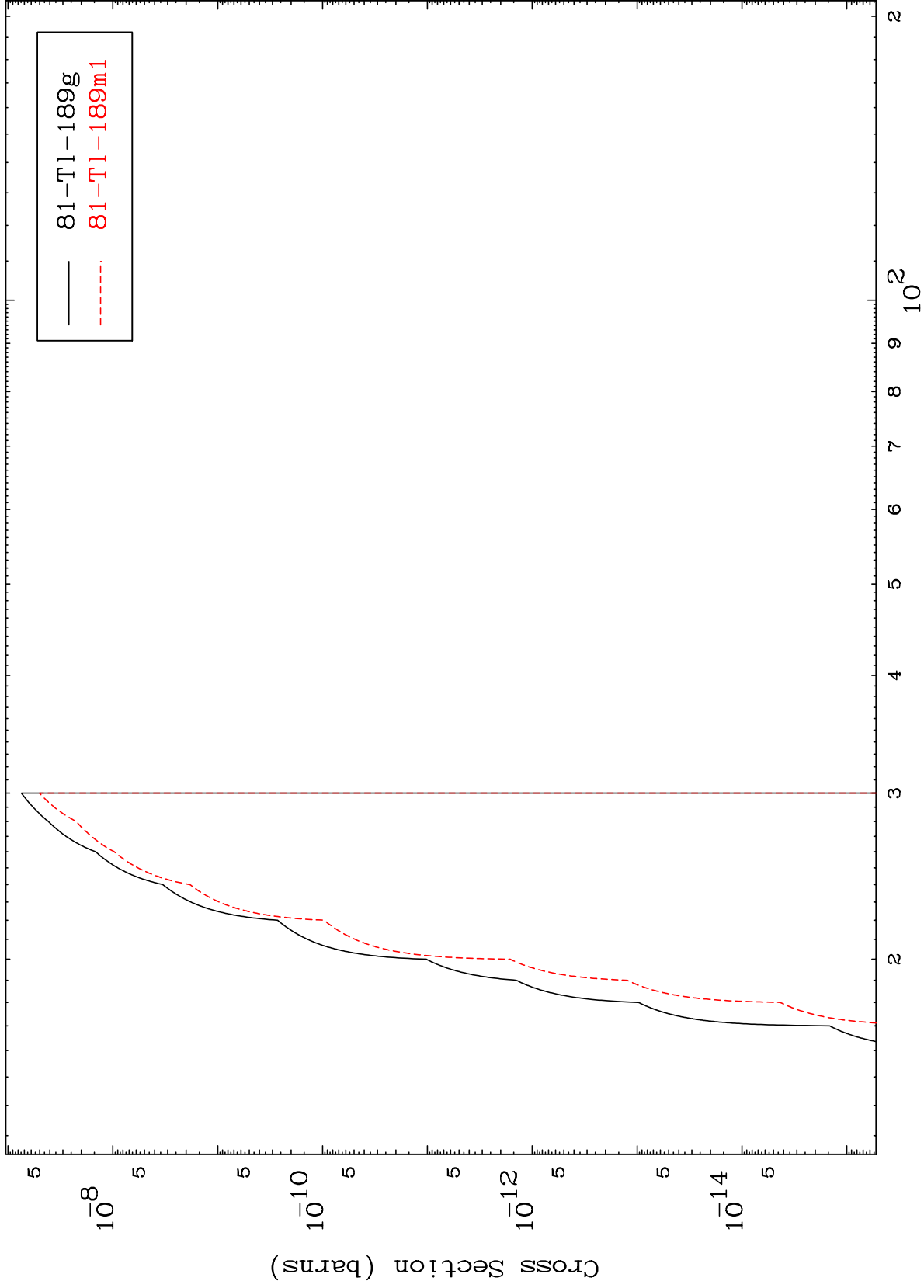
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(γ, t)
Radionuclide Production Cross Section



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Incident Energy (MeV)

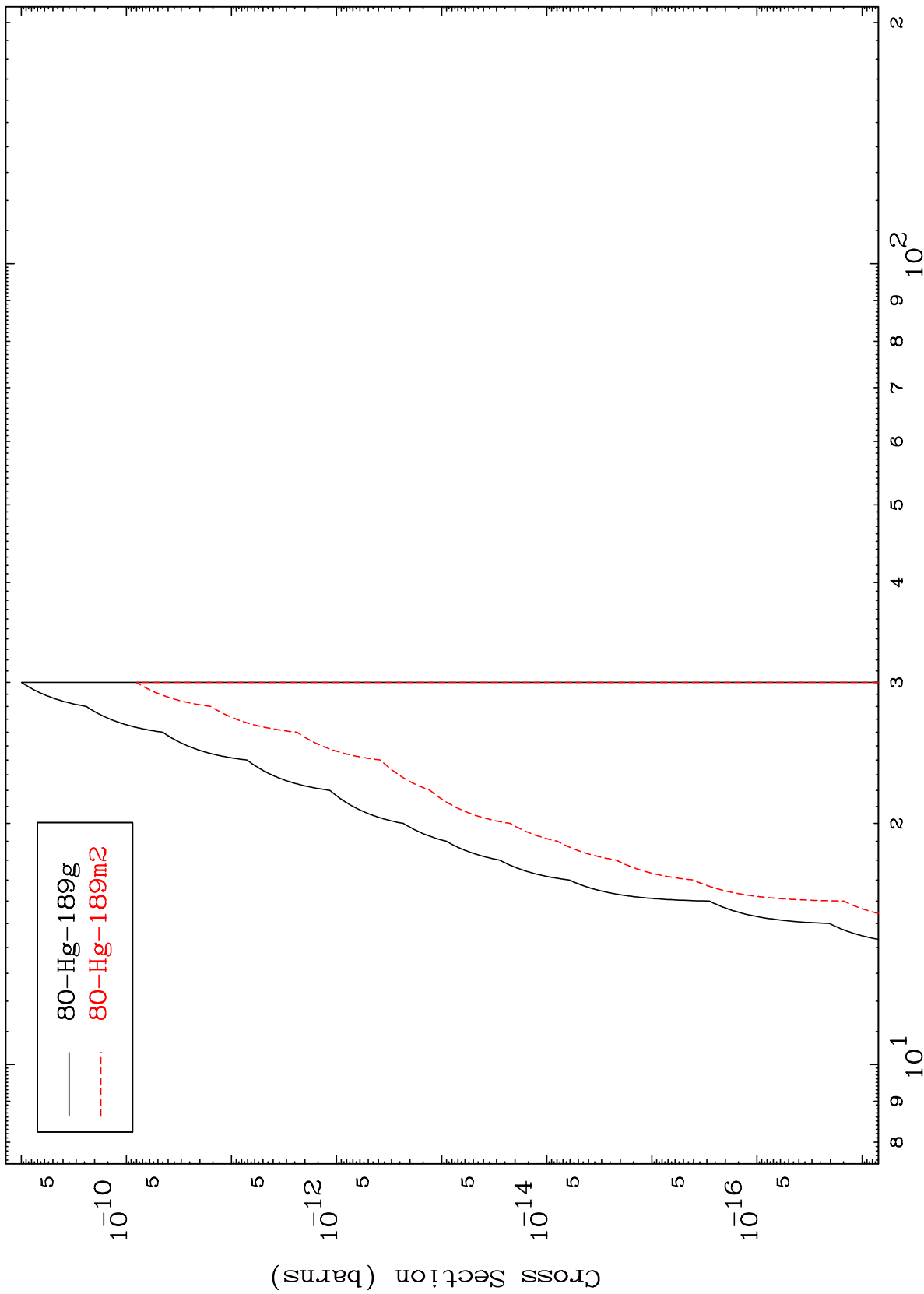
82-Pb-192

MAT 8189

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

82-Pb-192

Radionuclide Production Cross Section



— 80-Hg-189g
- - - 80-Hg-189m2

20

Incident Energy (MeV)

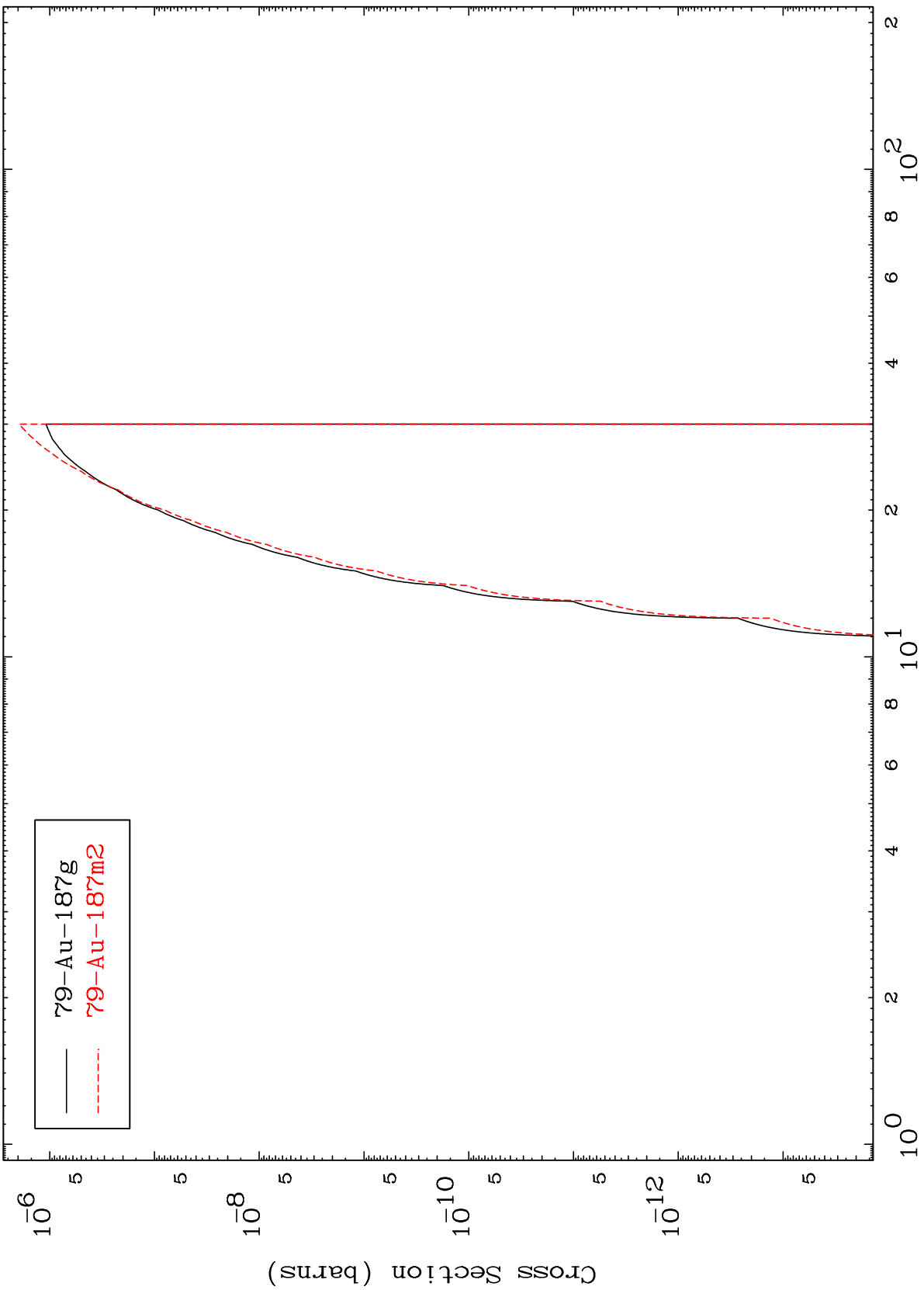
82-Pb-192

MAT 8189

(γ, p) α

82-Pb-192

Radionuclide Production Cross Section



— $^{79}\text{Au-187g}$
- - - $^{79}\text{Au-187m2}$

Incident Energy (MeV)

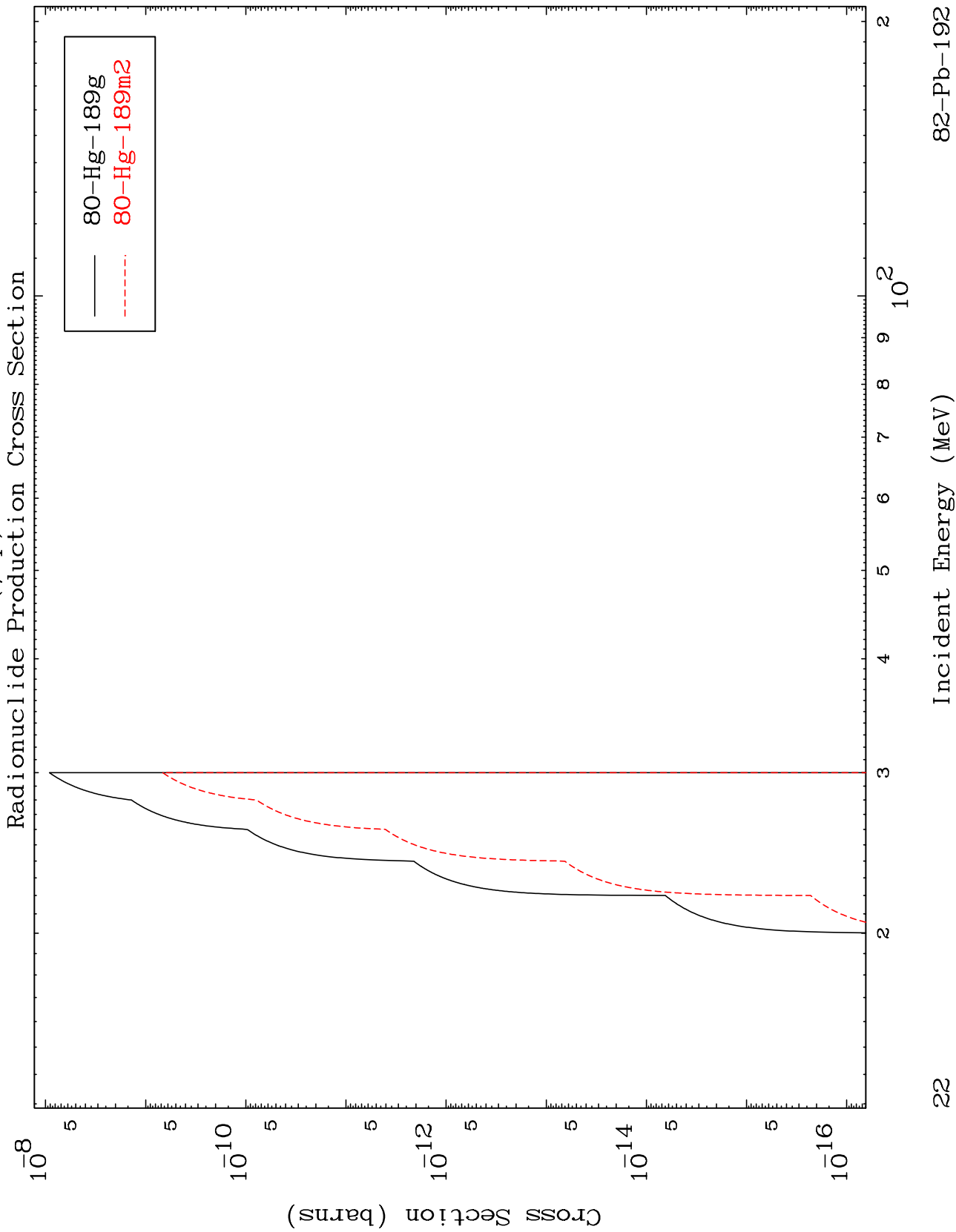
82-Pb-192

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MAT 8189

(γ, p) d

82-Pb-192



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82-Pb-192