

Program EVALPLOT
(Version 2018-1)

by

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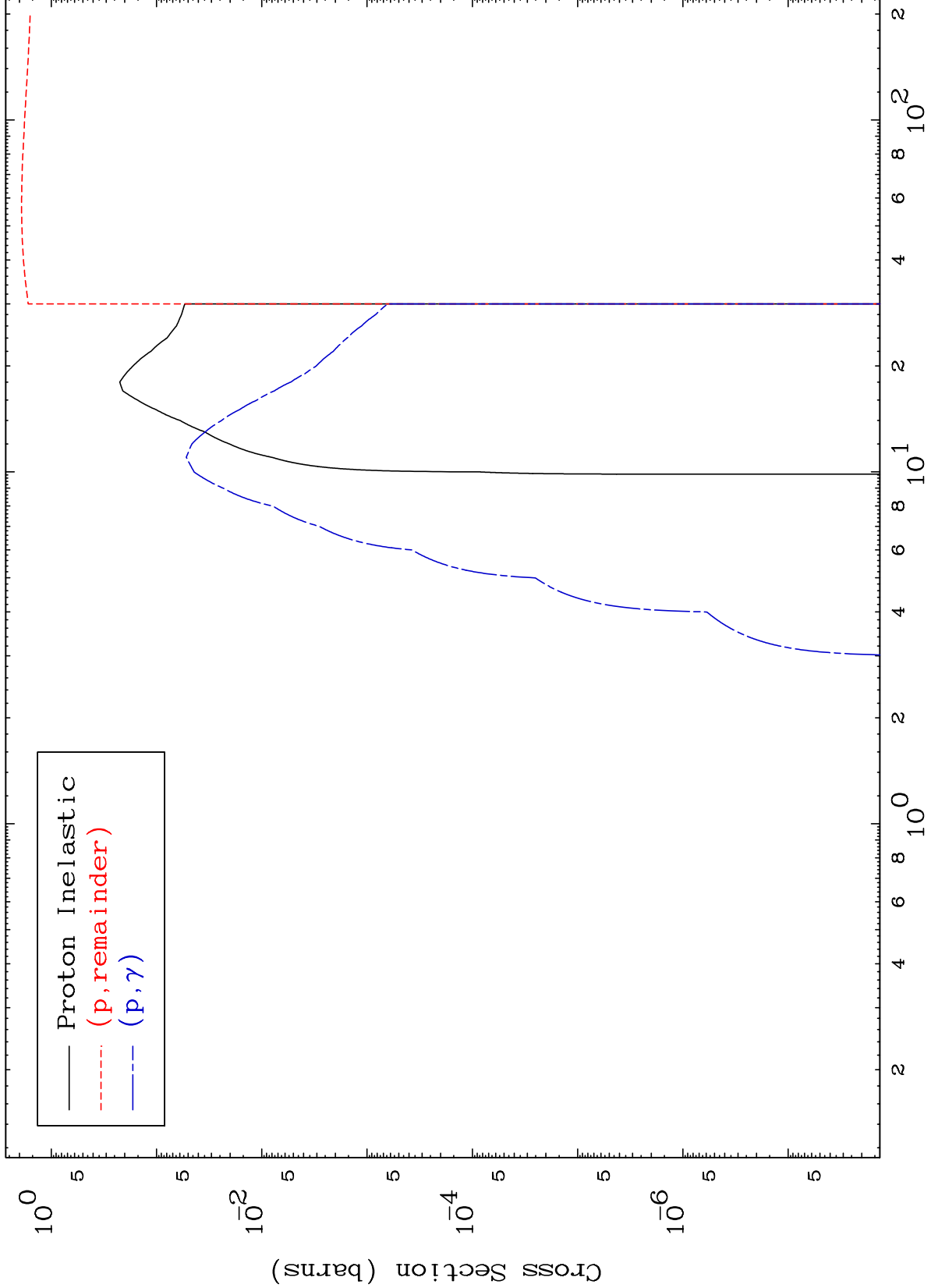
Press Mouse Button to Start

MAT 8189

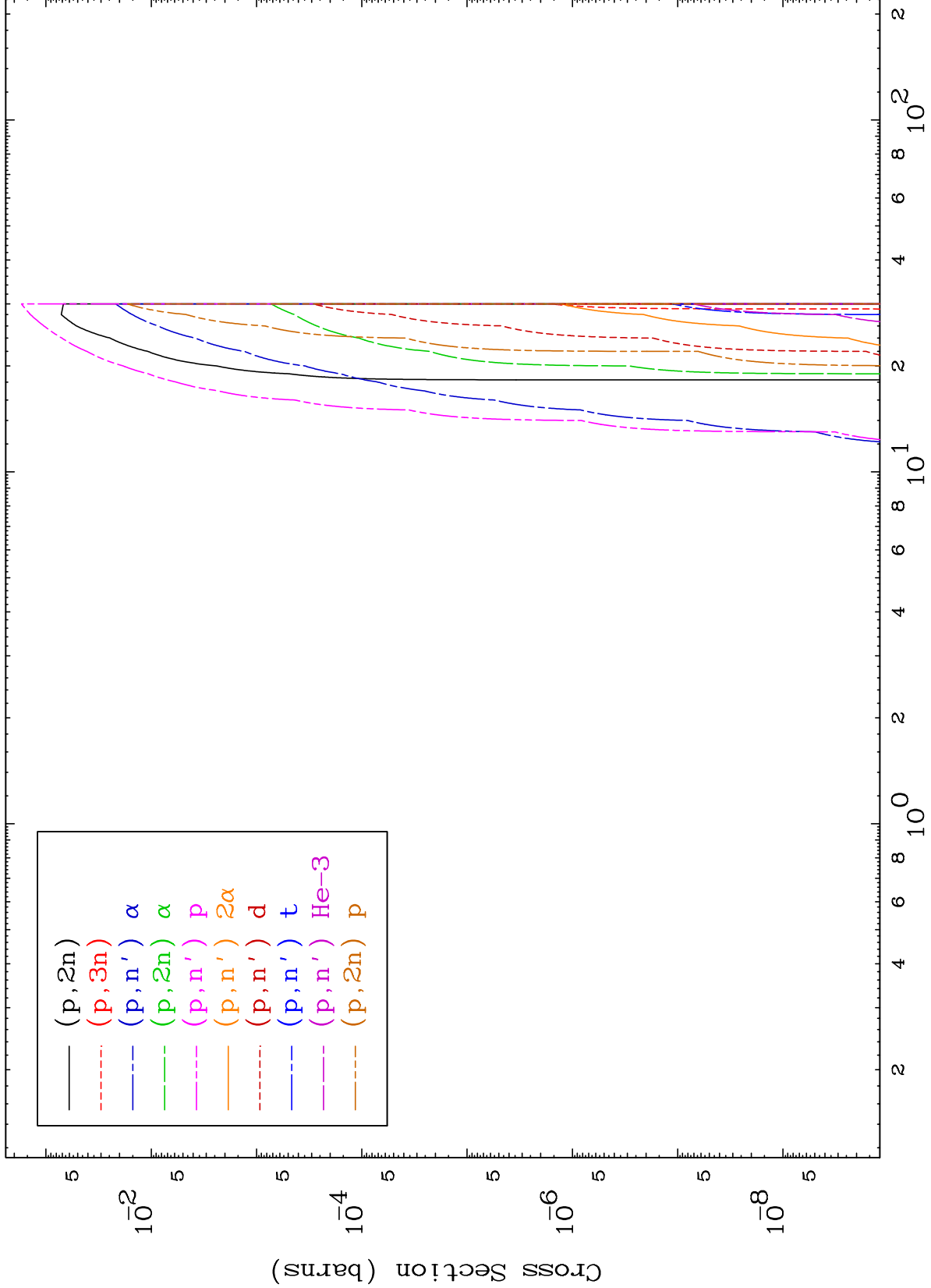
Proton Major

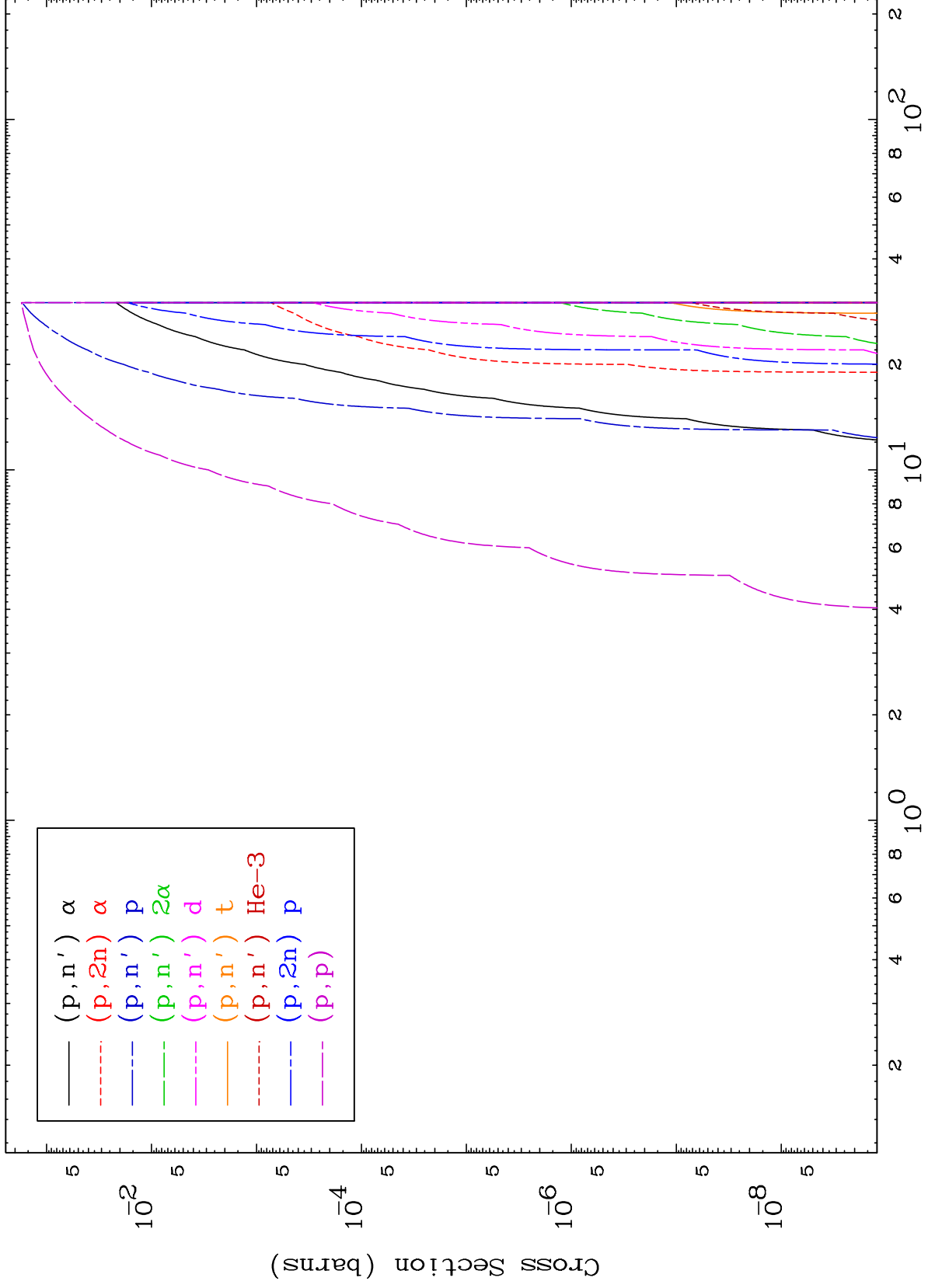
82-Pb-192

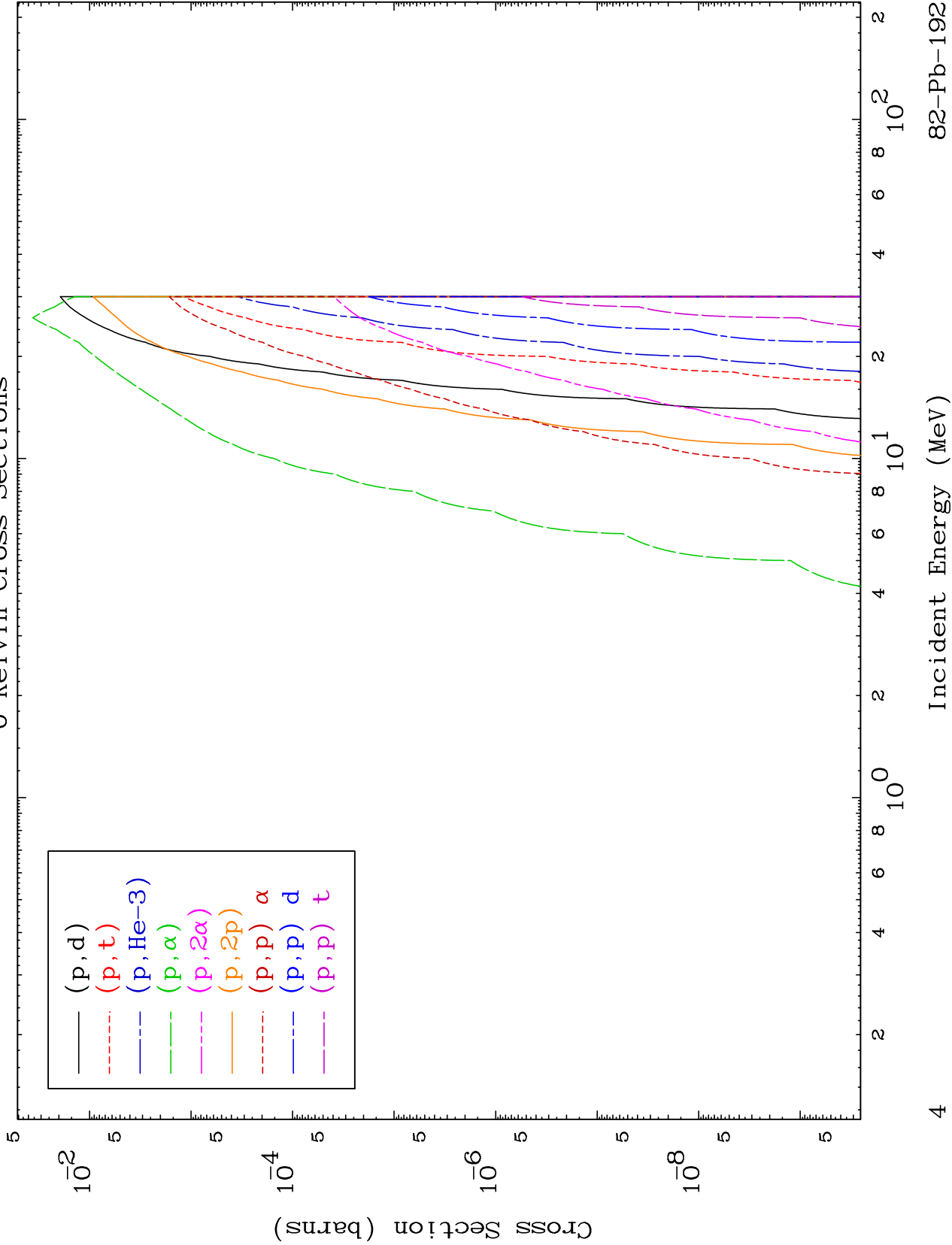
0 Kelvin Cross Sections



— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)





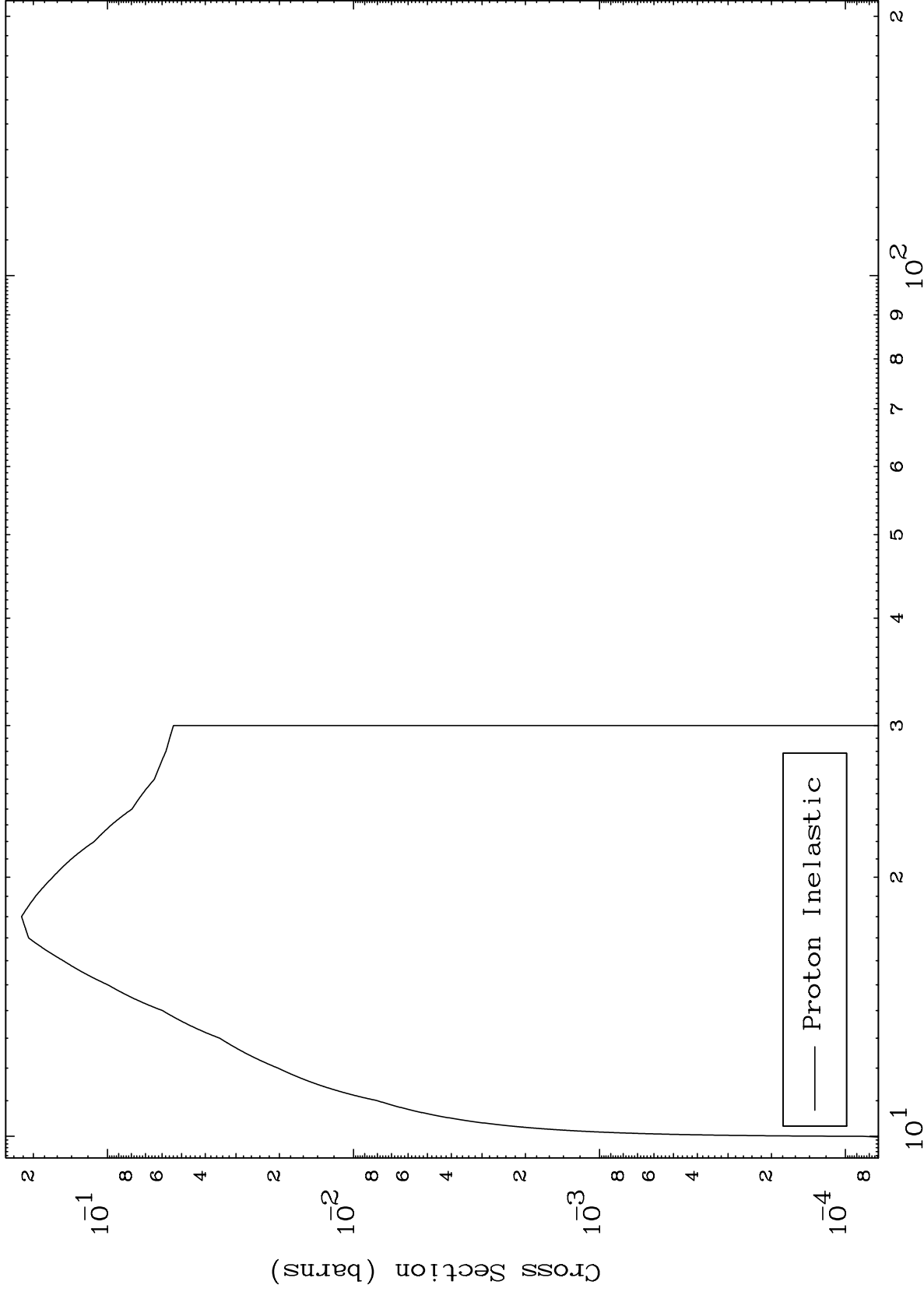


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(p,n') Level

82-Pb-192

0 Kelvin Cross Sections



Incident Energy (MeV)

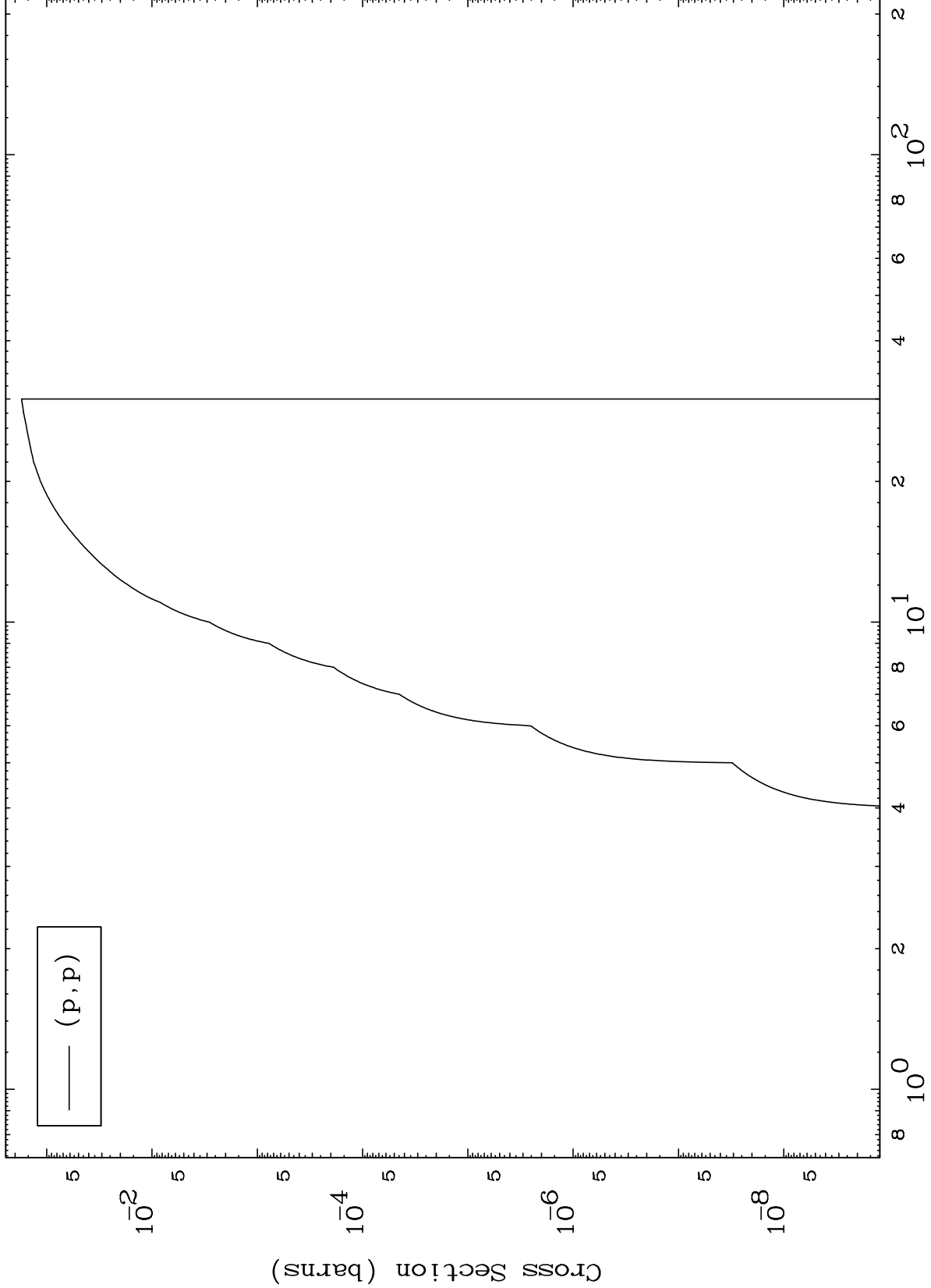
82-Pb-192

MAT 8189

(p,p) Levels

82-Pb-192

0 Kelvin Cross Sections



6

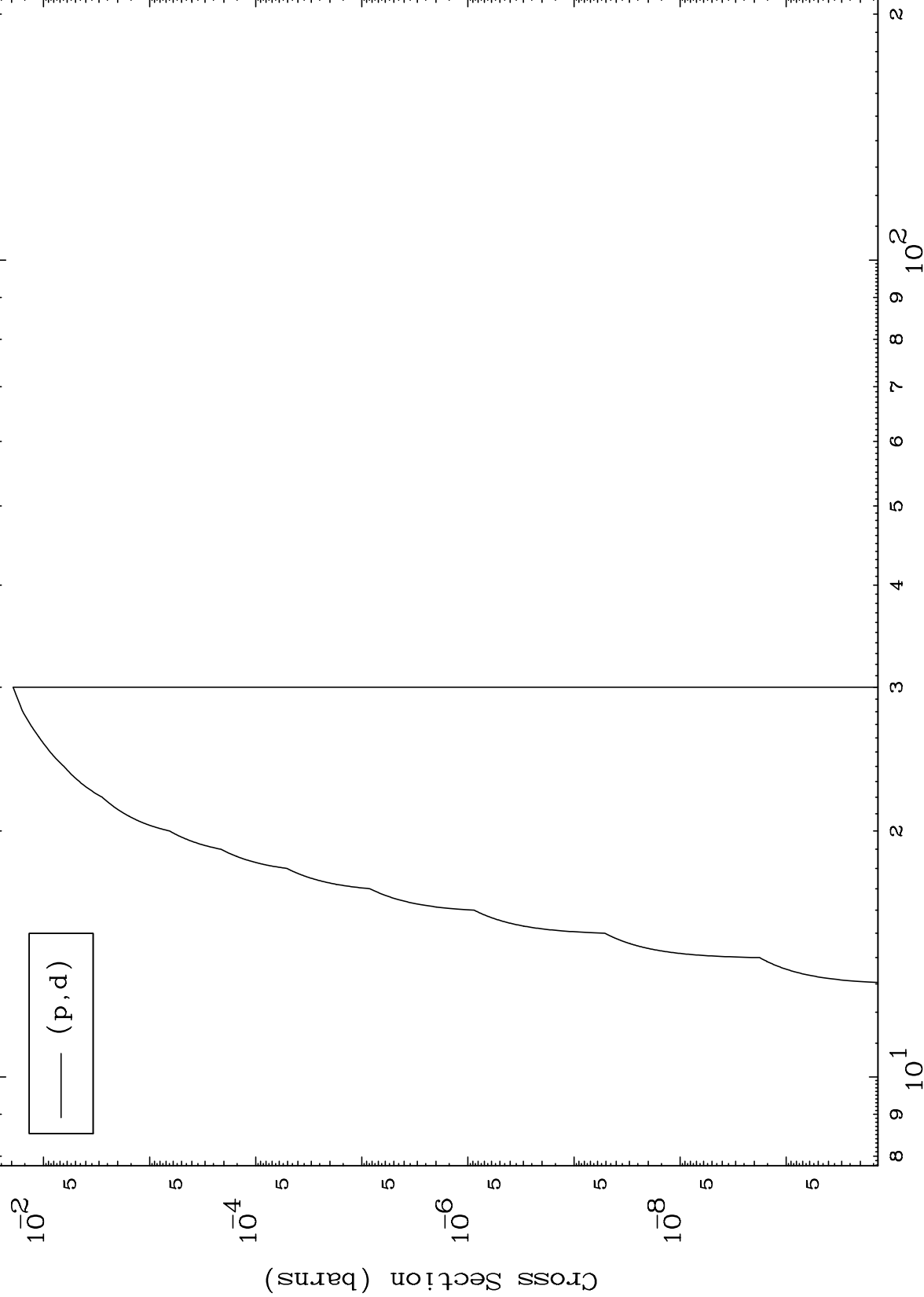
Incident Energy (MeV)

82-Pb-192

MAT 8189

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-192



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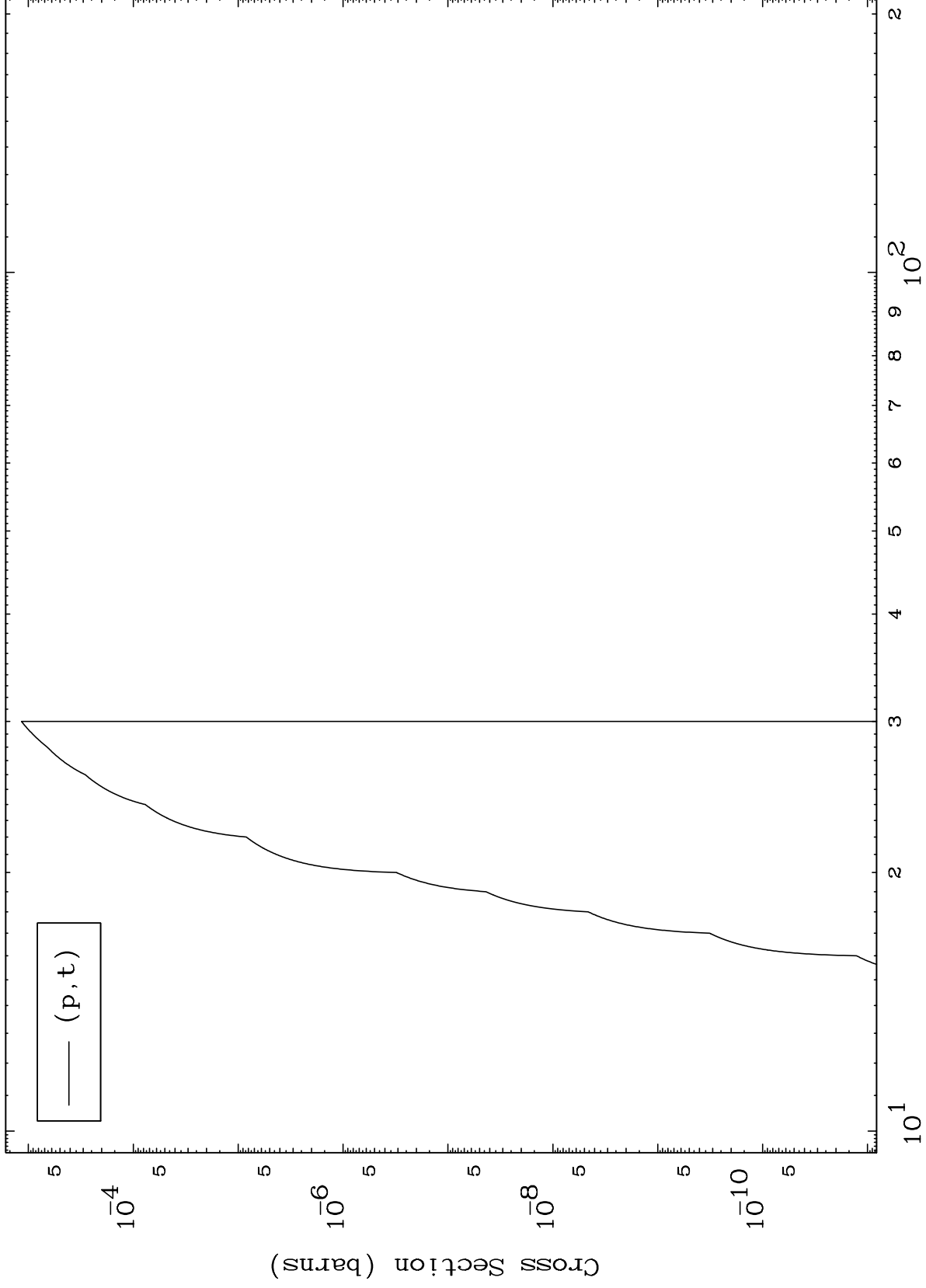
Incident Energy (MeV)

82-Pb-192

MAT 8189

(p,t) Levels
0 Kelvin Cross Sections

82-Pb-192



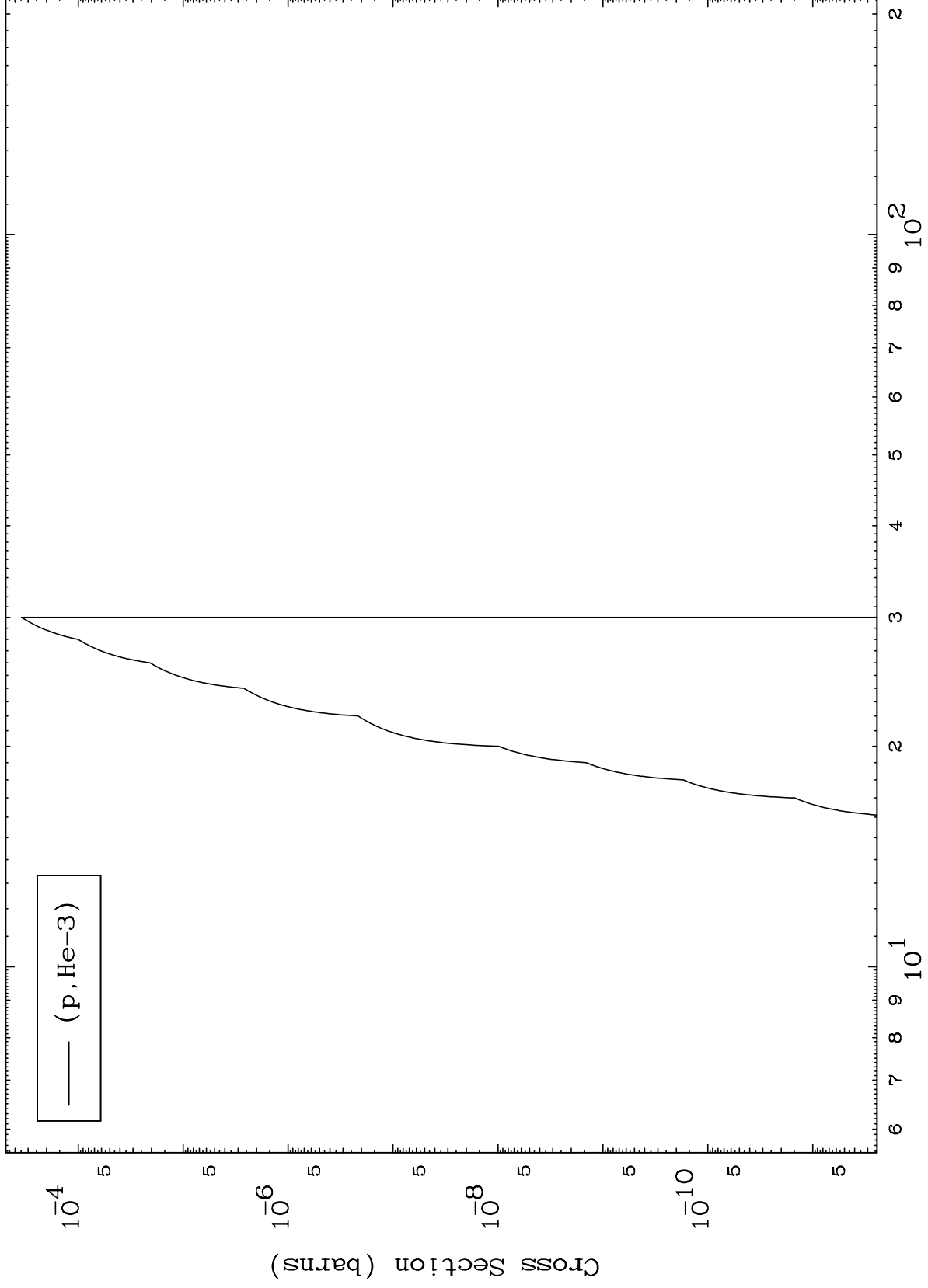
Incident Energy (MeV)

82-Pb-192

MAT 8189

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-192



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Incident Energy (MeV)

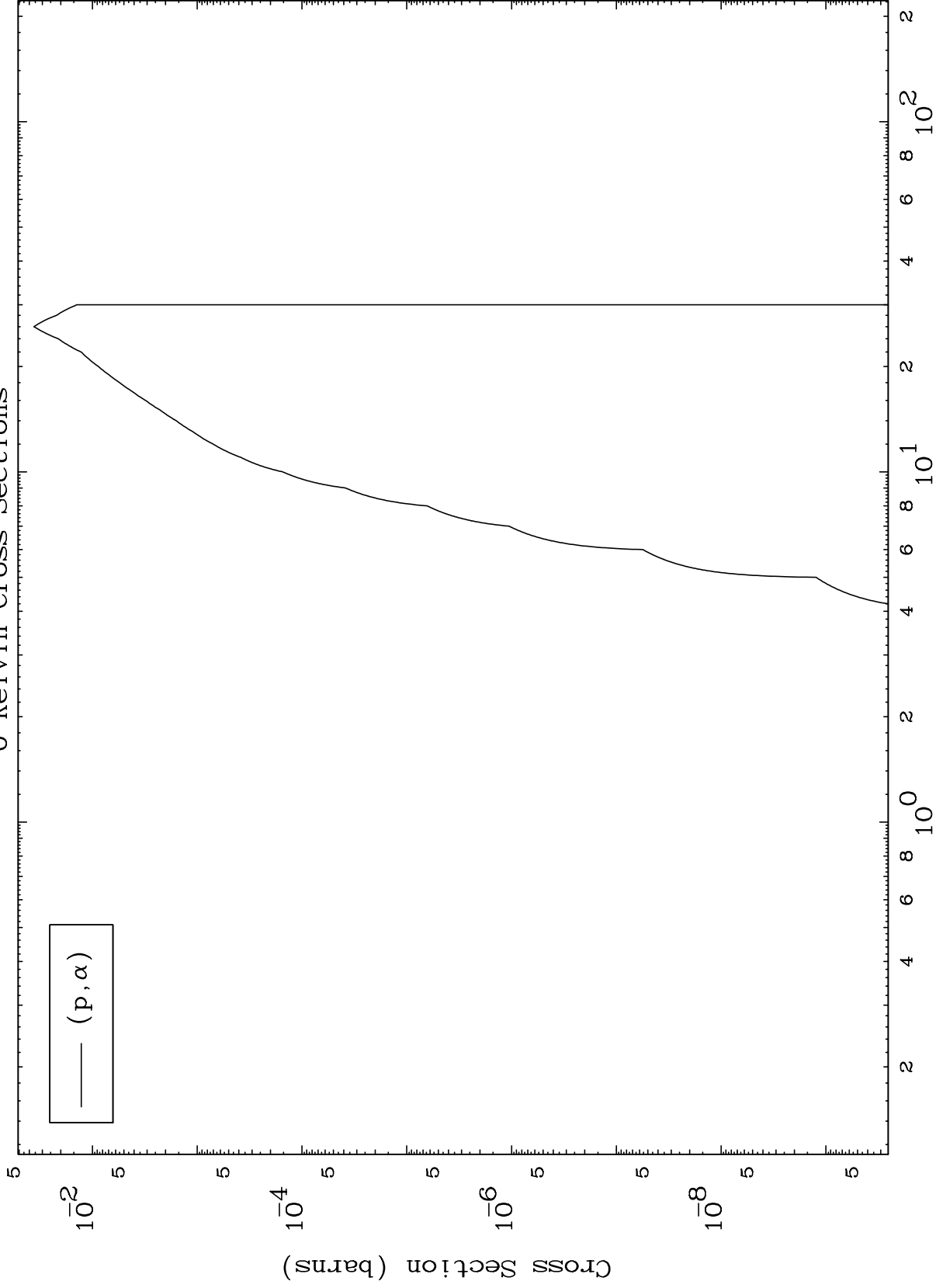
82-Pb-192

MAT 8189

(p, α) Levels

82-Pb-192

0 Kelvin Cross Sections



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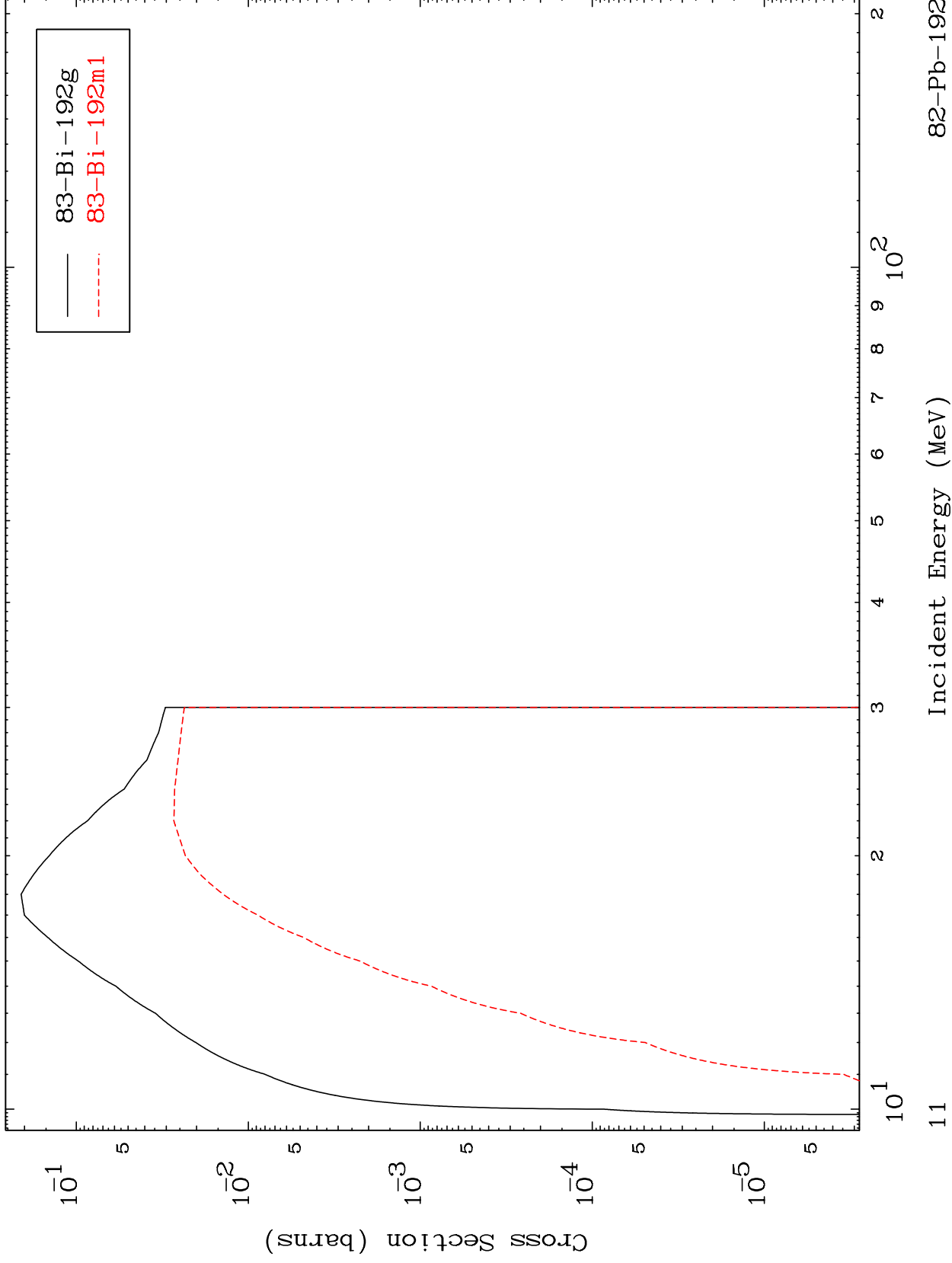
Incident Energy (MeV)

82-Pb-192

MAT 8189

Proton Inelastic
Radionuclide Production Cross Section

82-Pb-192

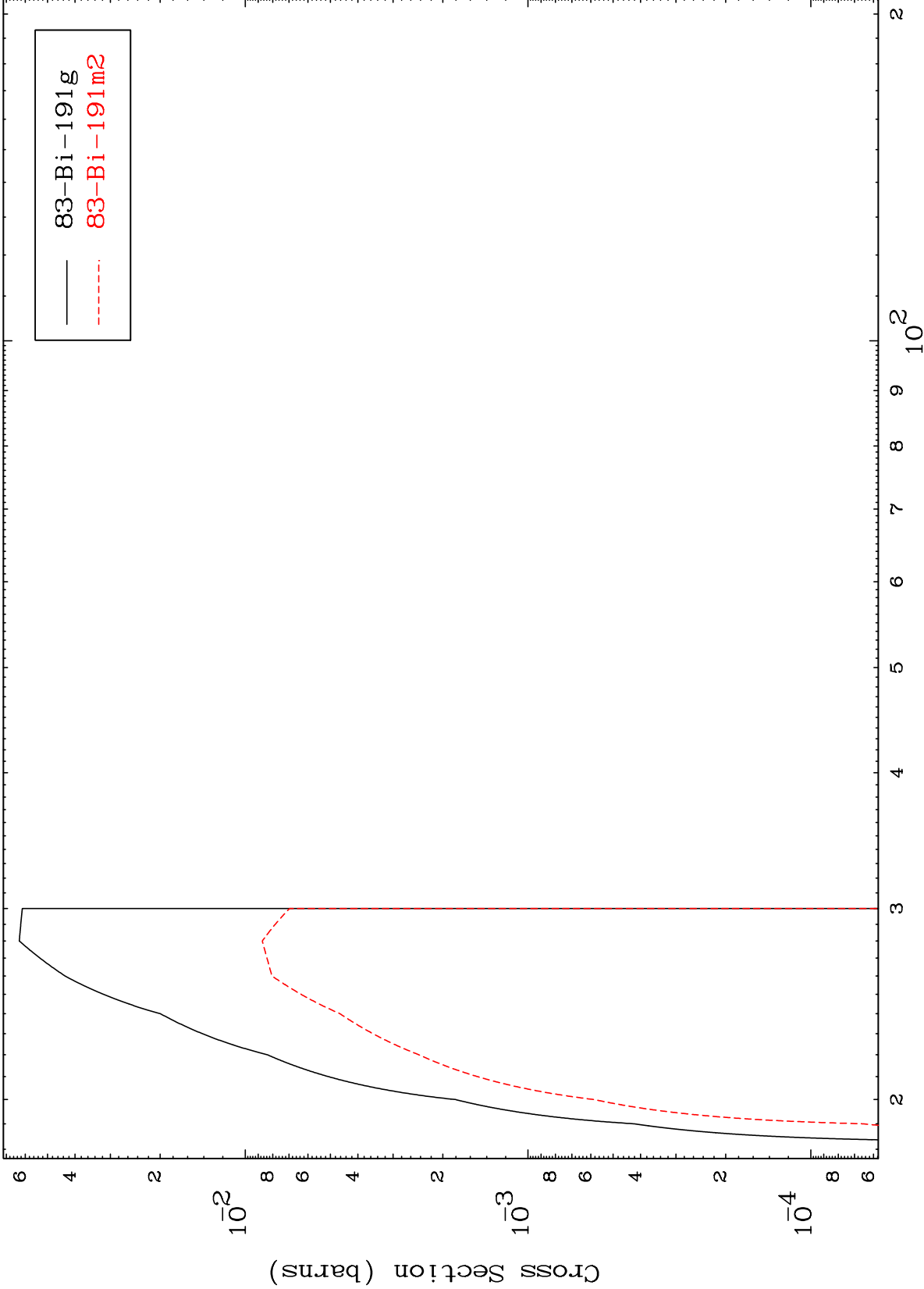


82-Pb-192

Incident Energy (MeV)

11

Radionuclide Production Cross Section



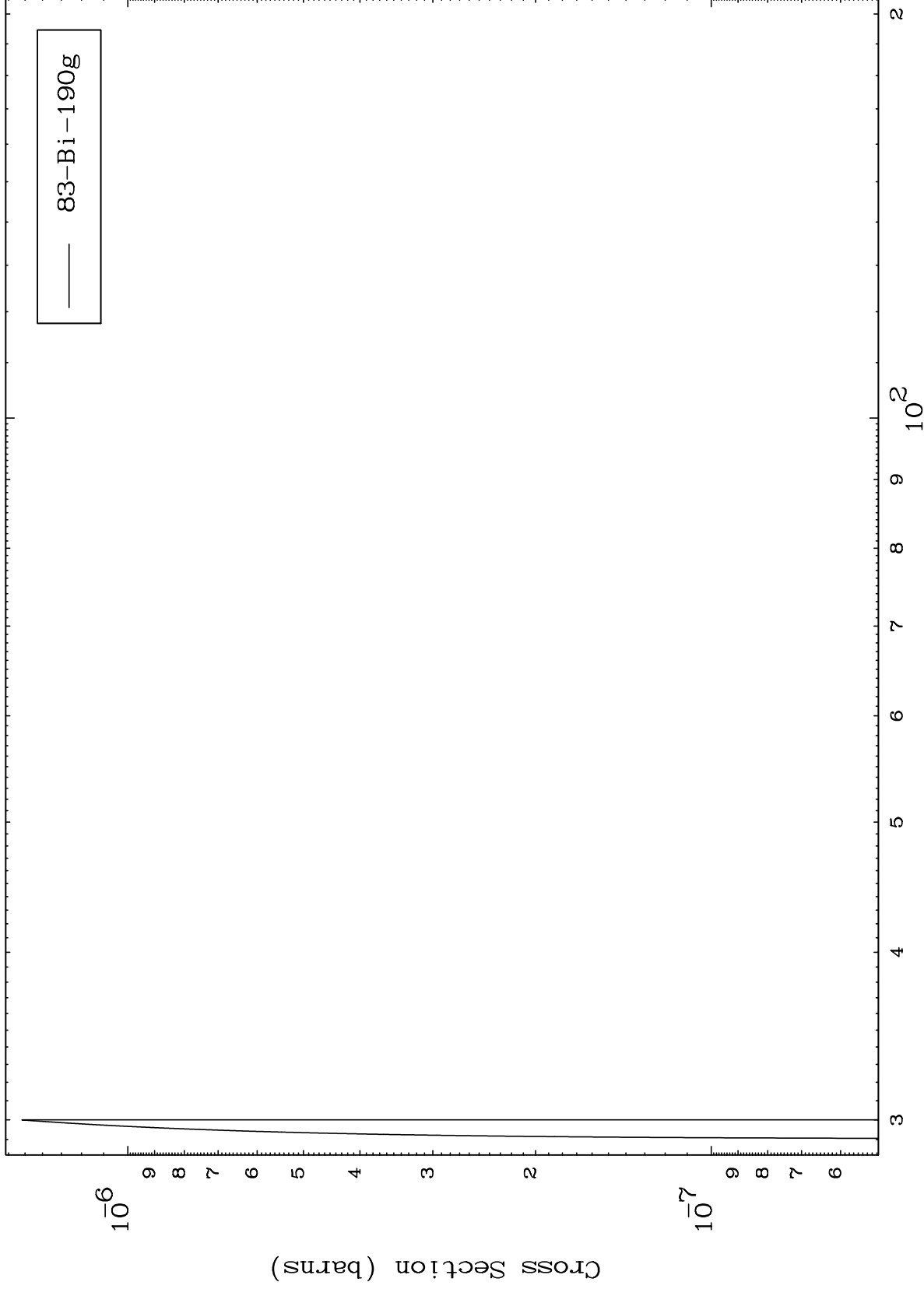
83-Bi-191g
83-Bi-191m2

MAT 8189

(p,3n)

82-Pb-192

Radionuclide Production Cross Section



13

Incident Energy (MeV)

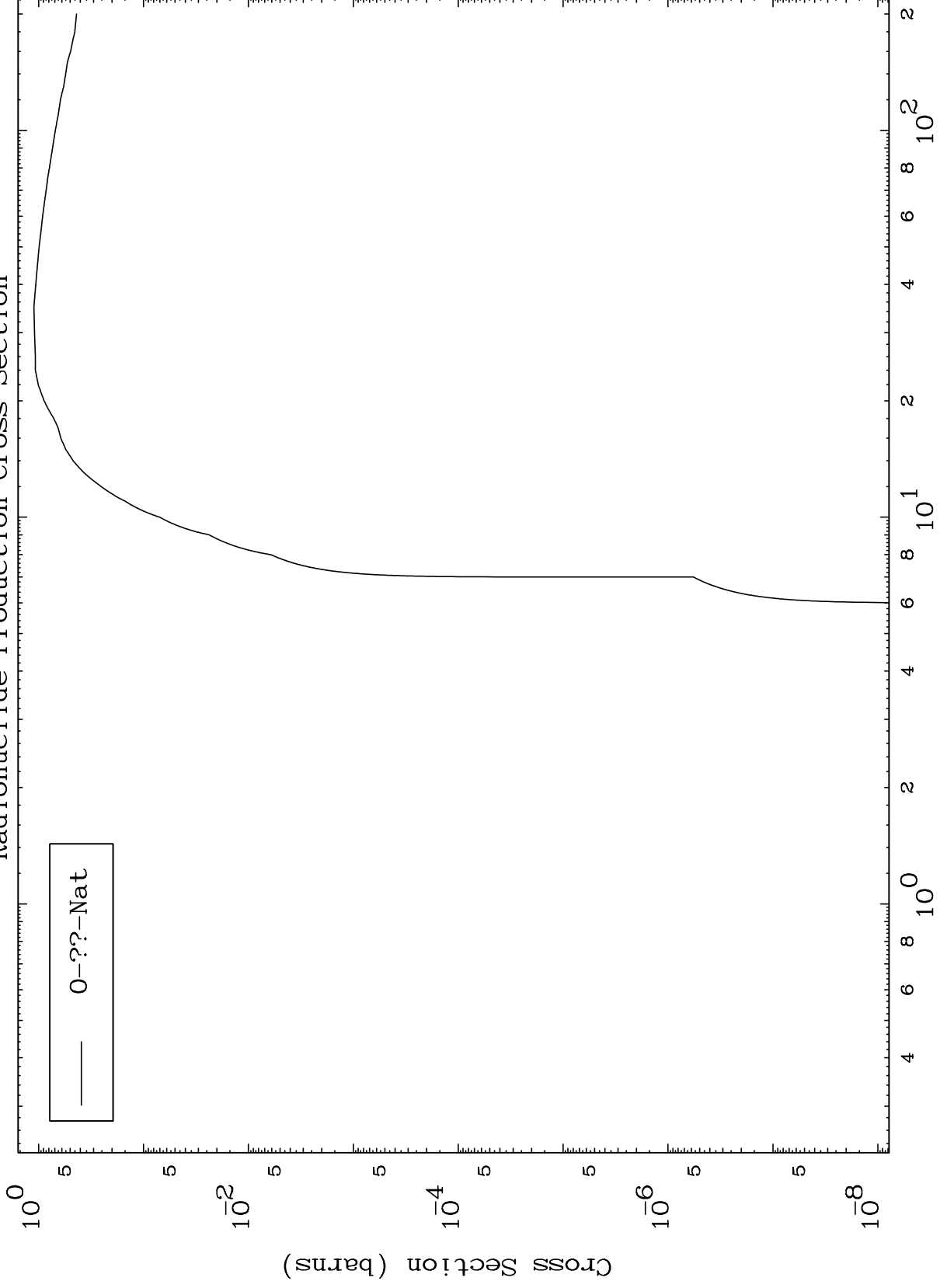
82-Pb-192

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Proton Fission

82-Pb-192

Radionuclide Production Cross Section



14

Incident Energy (MeV)

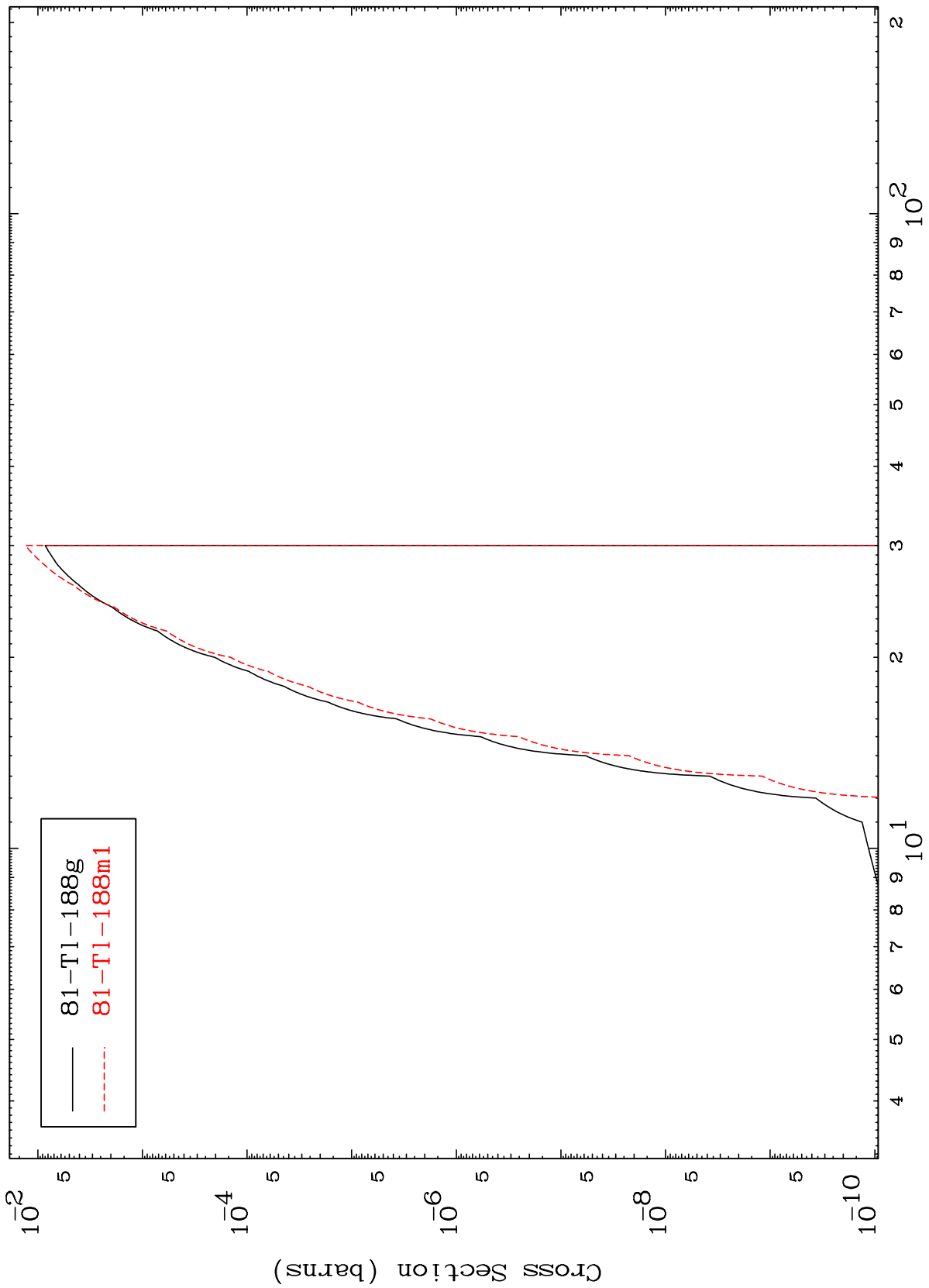
82-Pb-192

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(p,n') α

82-Pb-192

Radionuclide Production Cross Section



81-Tl-188g
81-Tl-188m1

15

Incident Energy (MeV)

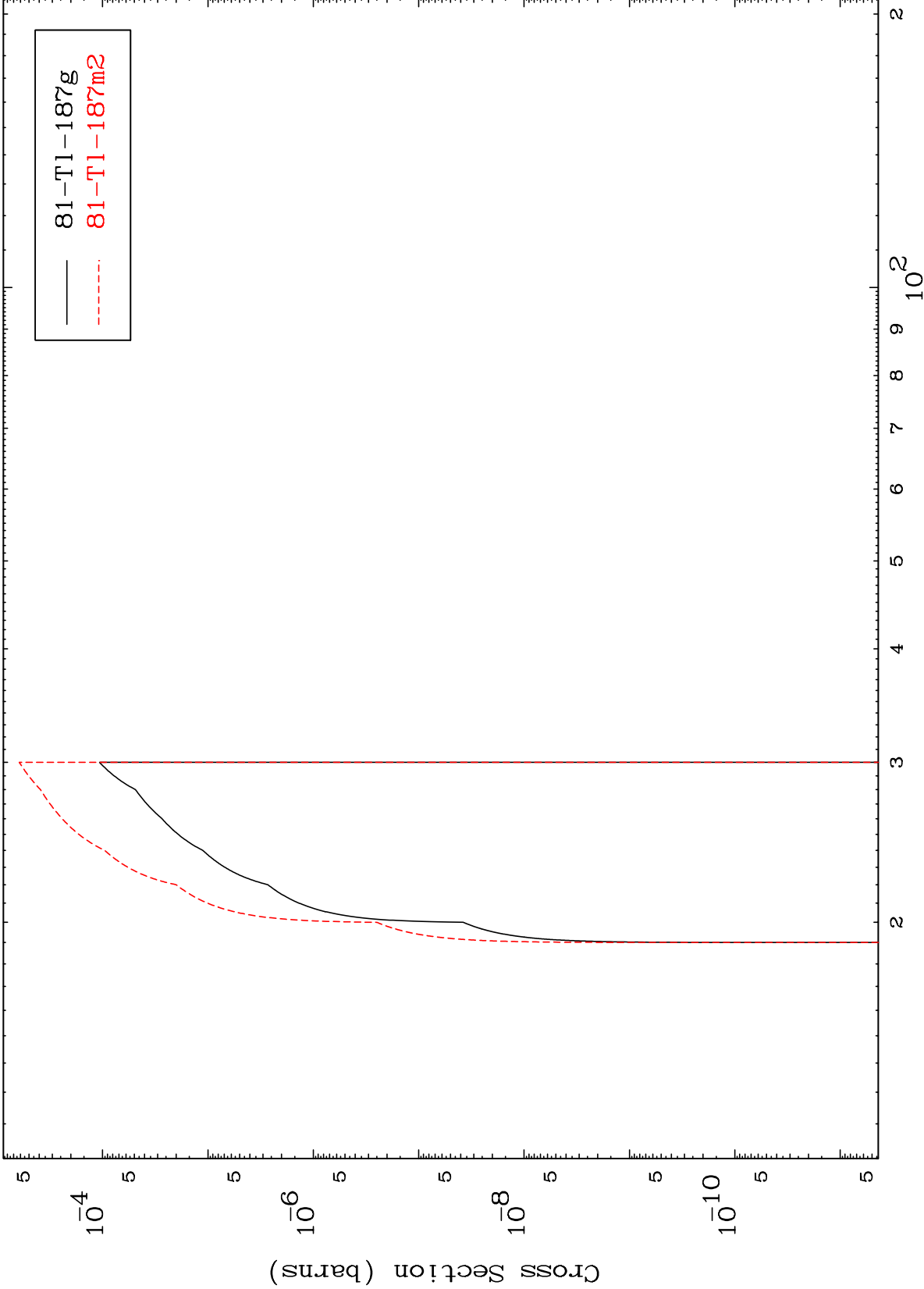
82-Pb-192

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(p,2n) α

82-Pb-192

Radionuclide Production Cross Section



16

Incident Energy (MeV)

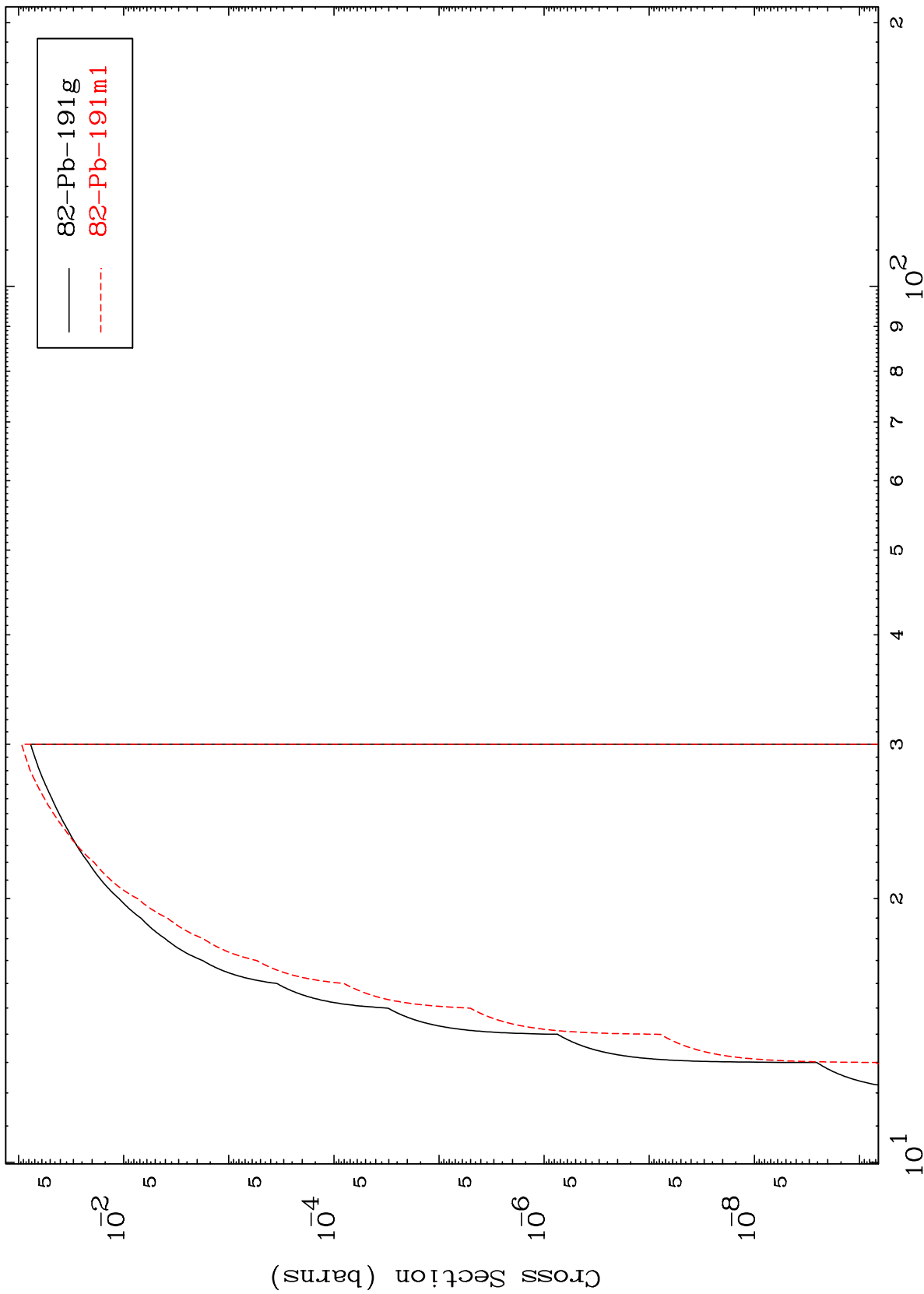
82-Pb-192

MAT 8189

(p,n') p

82-Pb-192

Radionuclide Production Cross Section



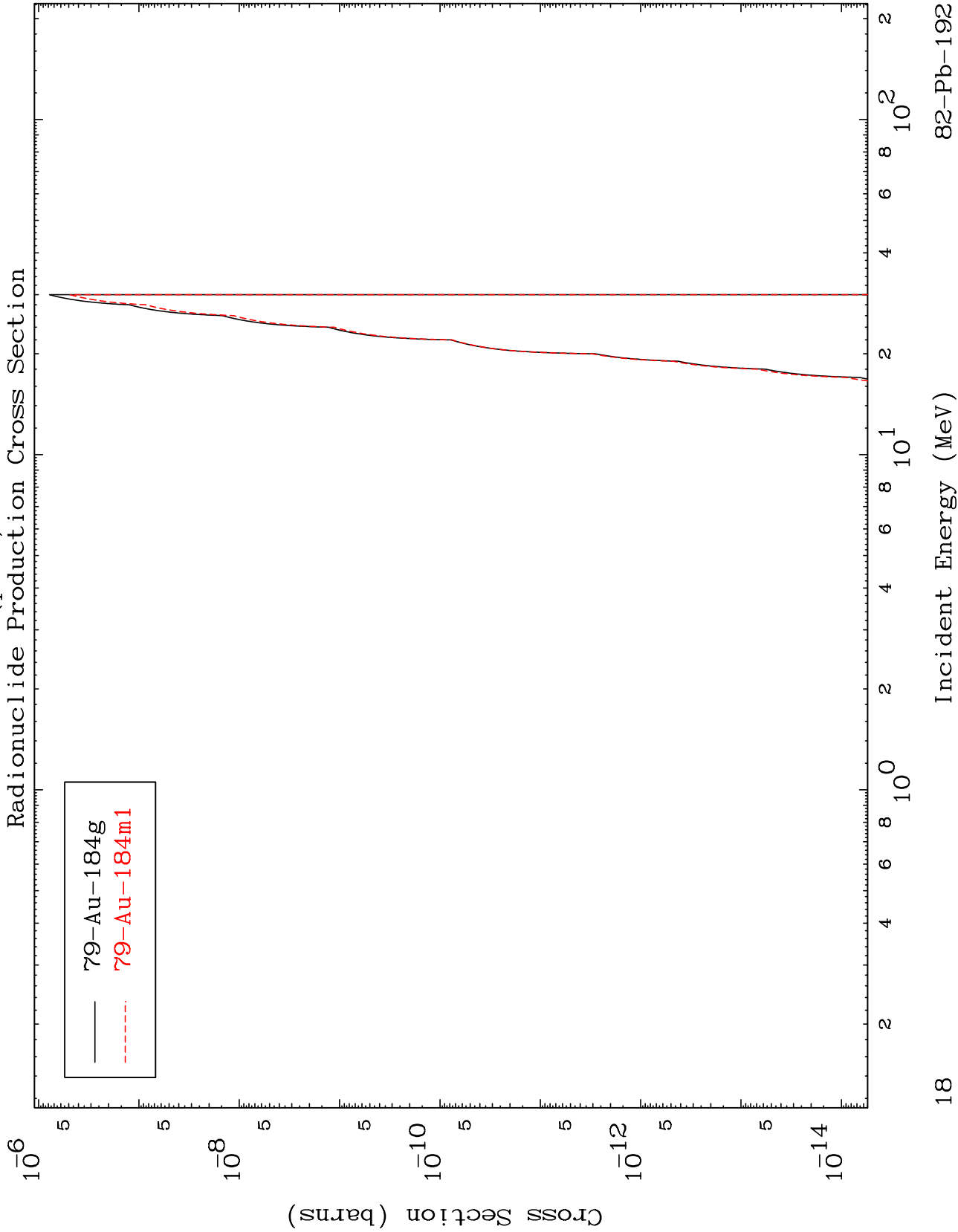
Incident Energy (MeV)

82-Pb-192

MAT 8189

(p,n') 2 α

82-Pb-192

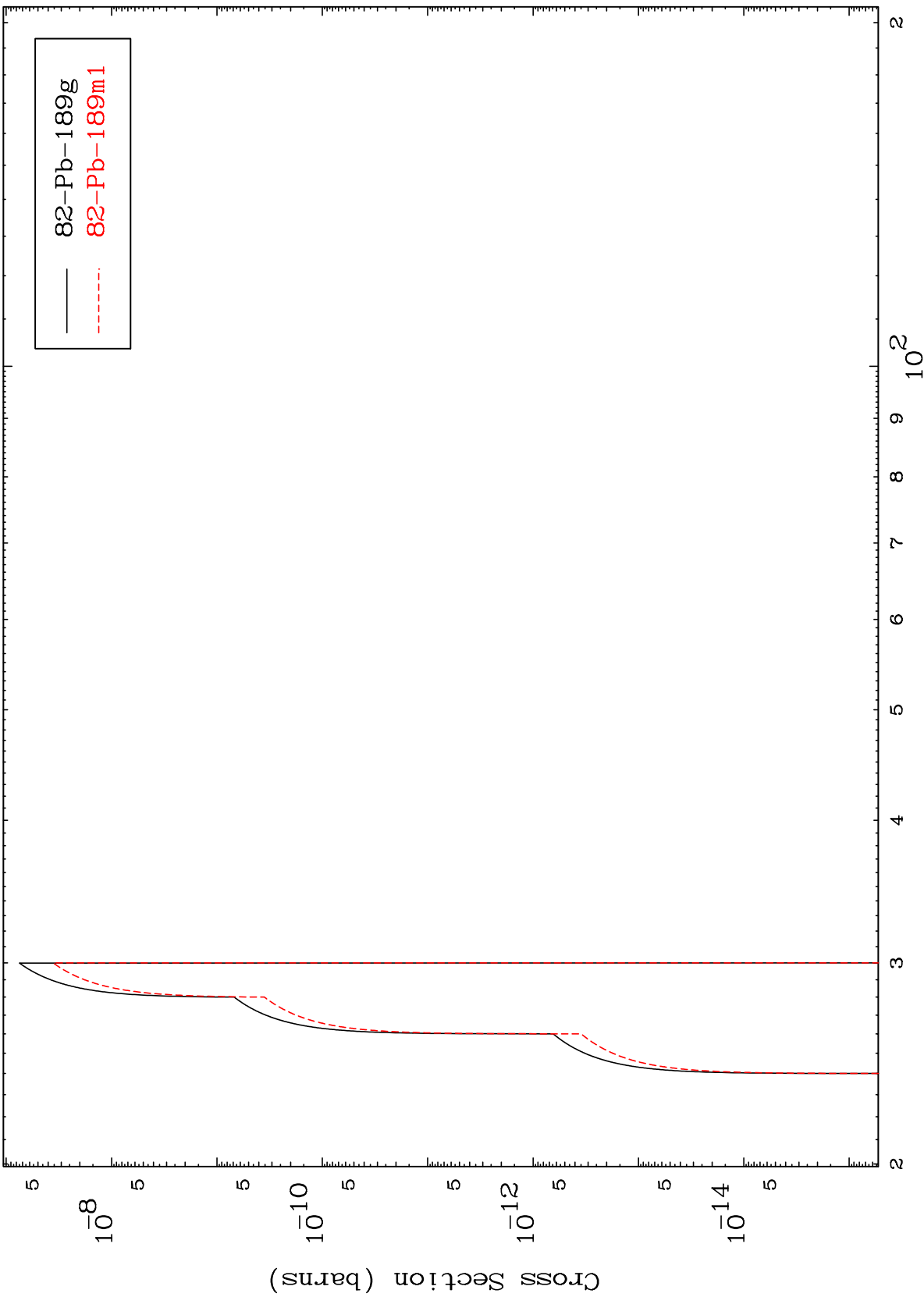


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(p,n') t

82-Pb-192

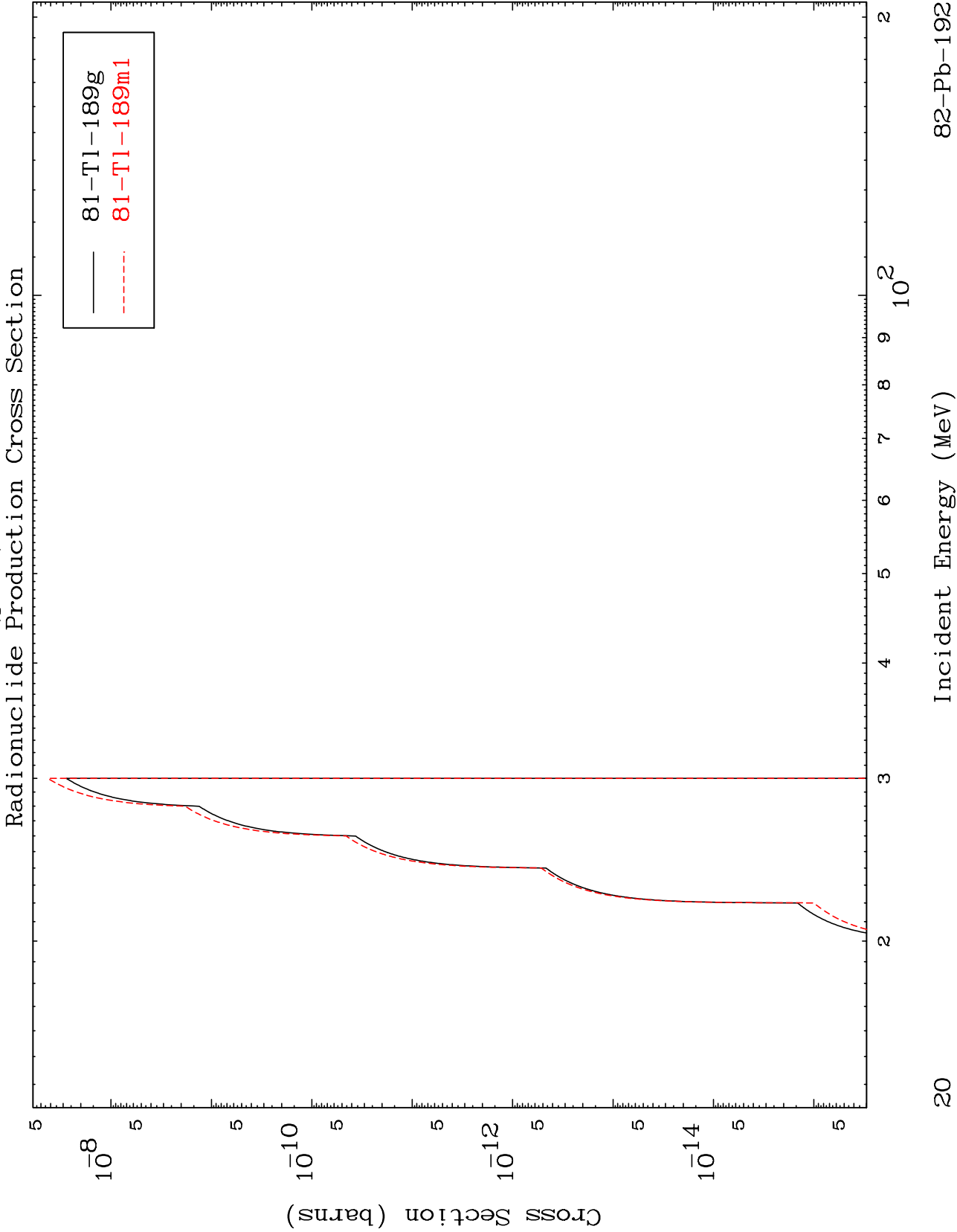
Radionuclide Production Cross Section



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Incident Energy (MeV)

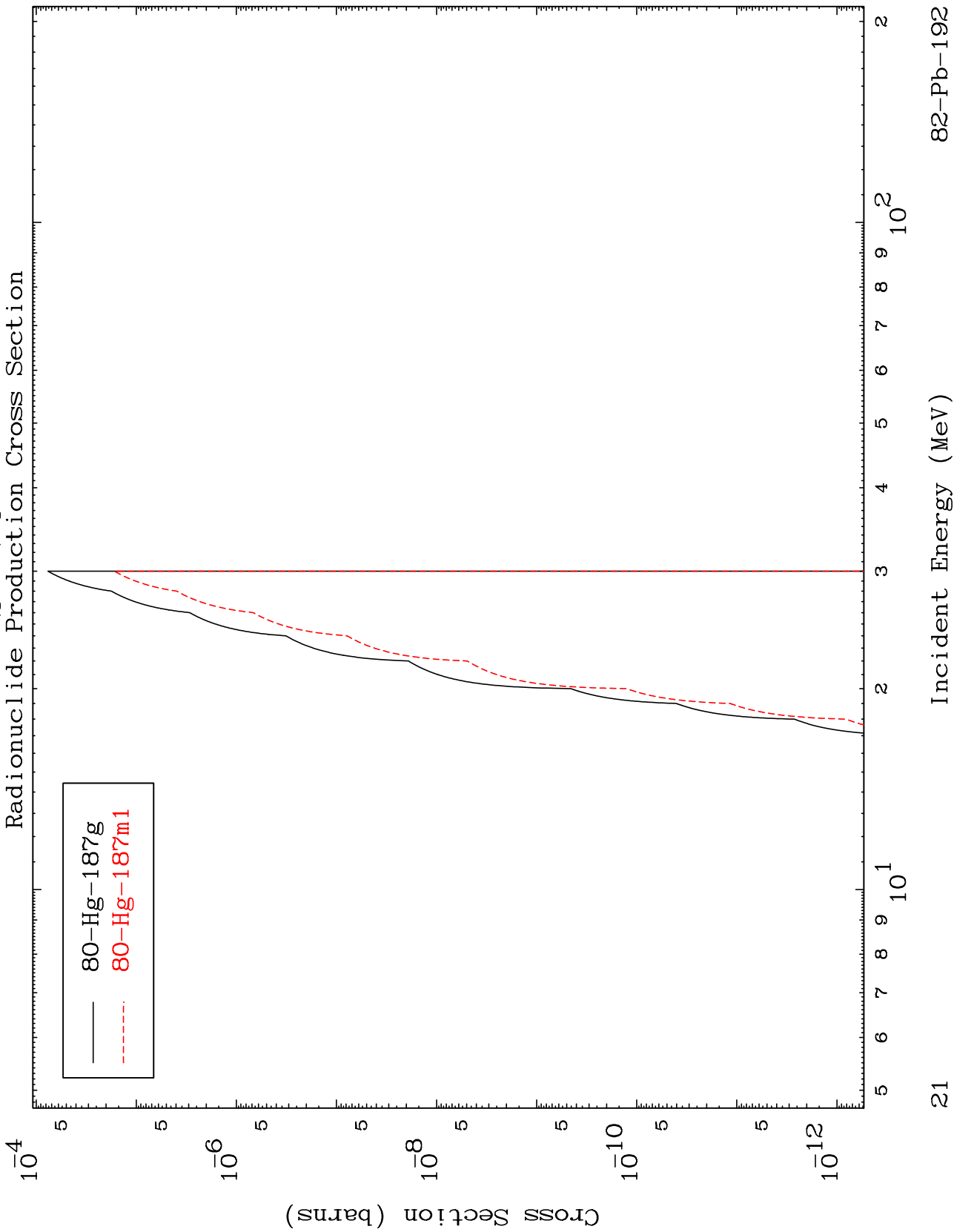
82-Pb-192



MAT 8189

(p,n') p α

82-Pb-192

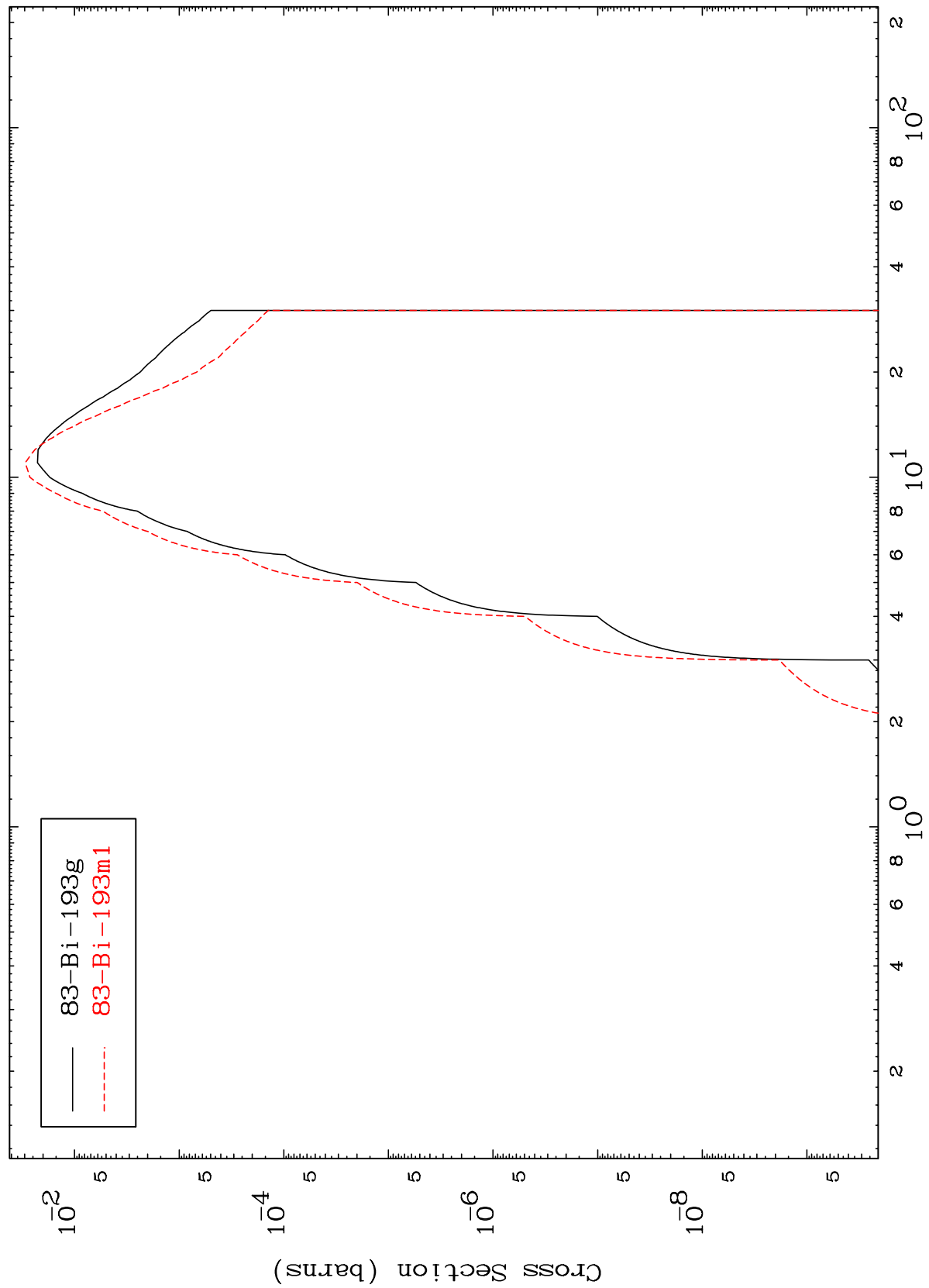


80-Hg-187g
80-Hg-187m1

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82-Pb-192

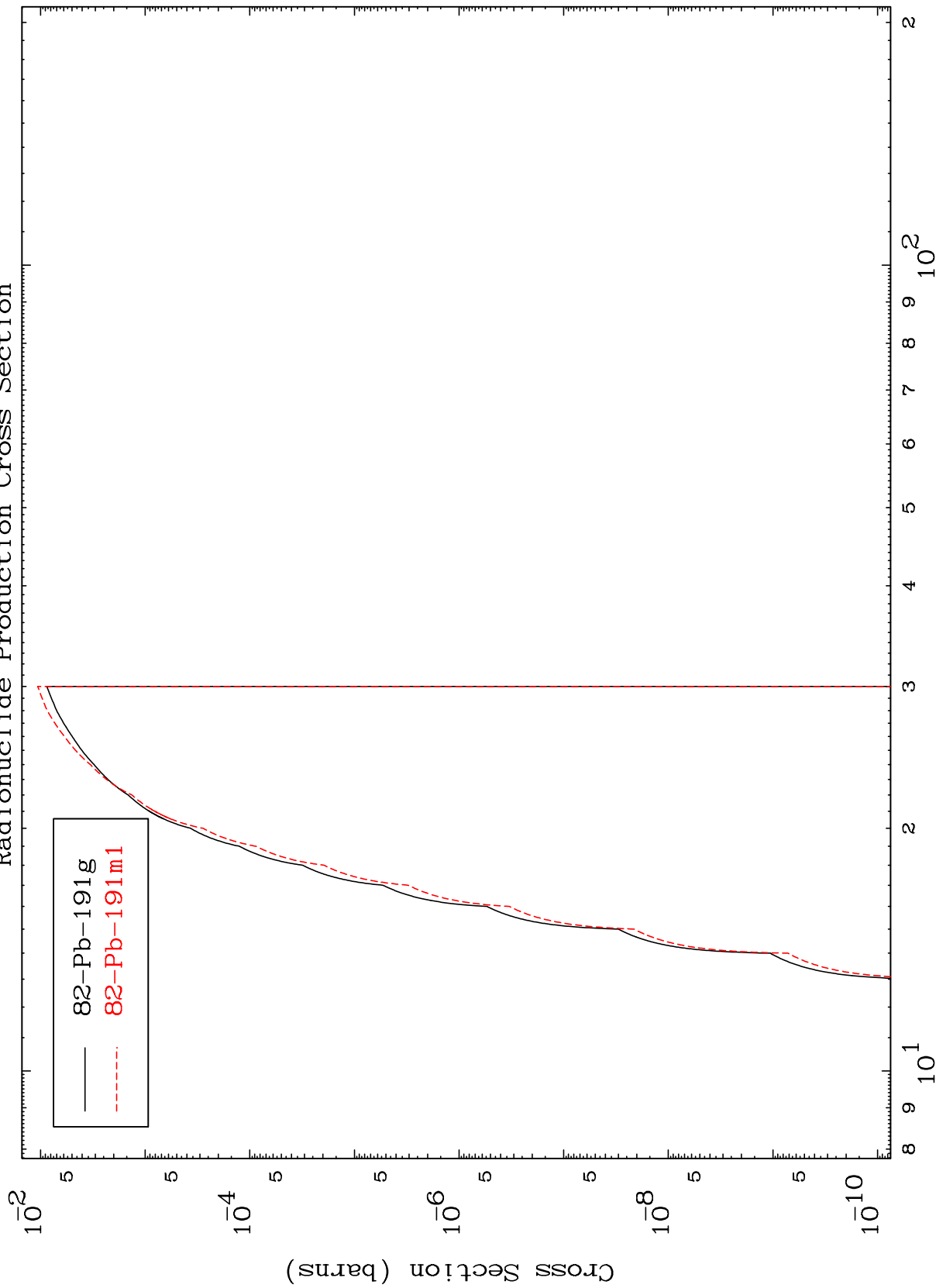
(p, γ)
Radionuclide Production Cross Section



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82-Pb-192

(p,d)
Radionuclide Production Cross Section



82-Pb-192

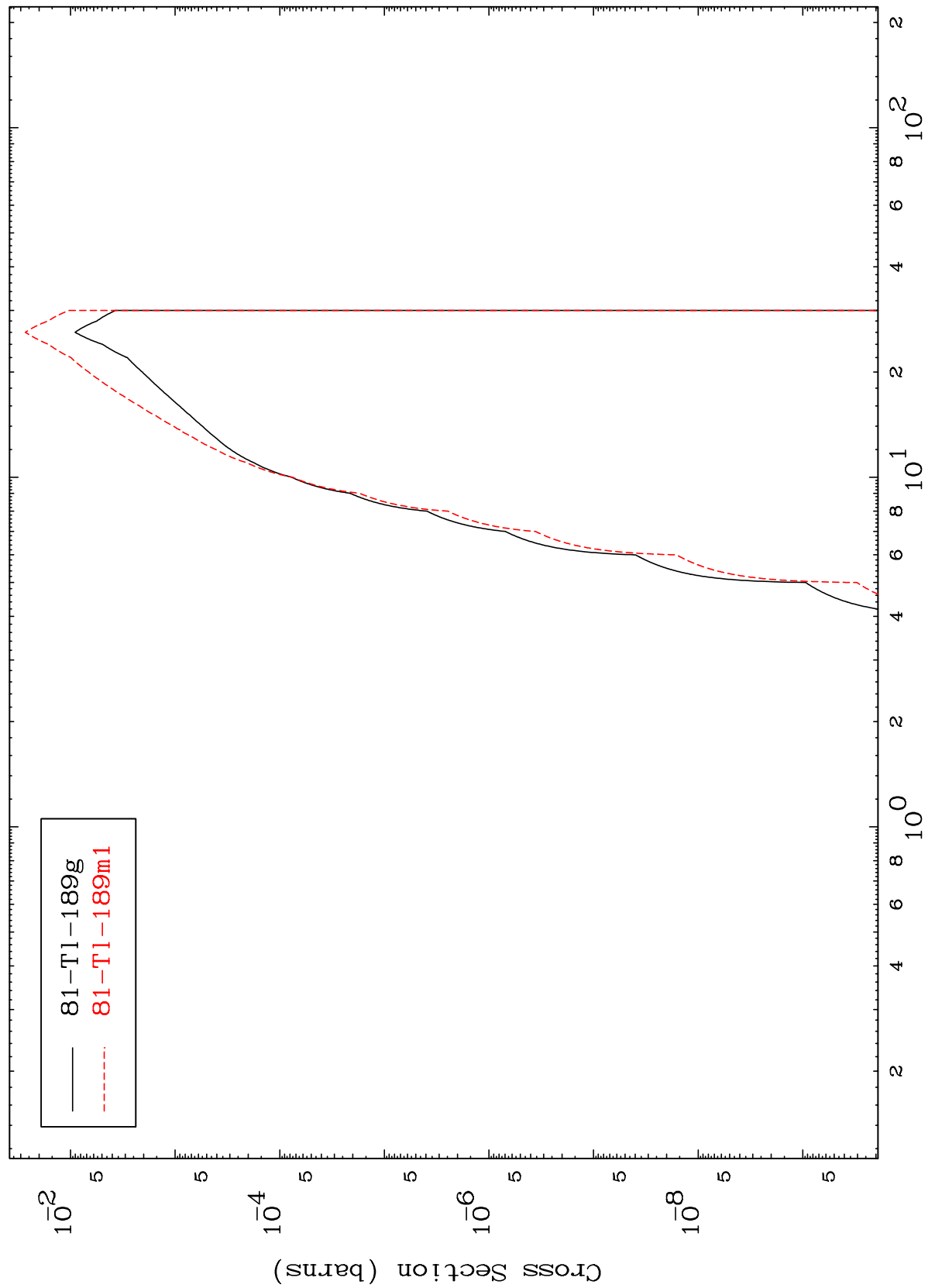
Incident Energy (MeV)

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82-Pb-192

Radionuclide Production Cross Section
(p, α)



24

82-Pb-192

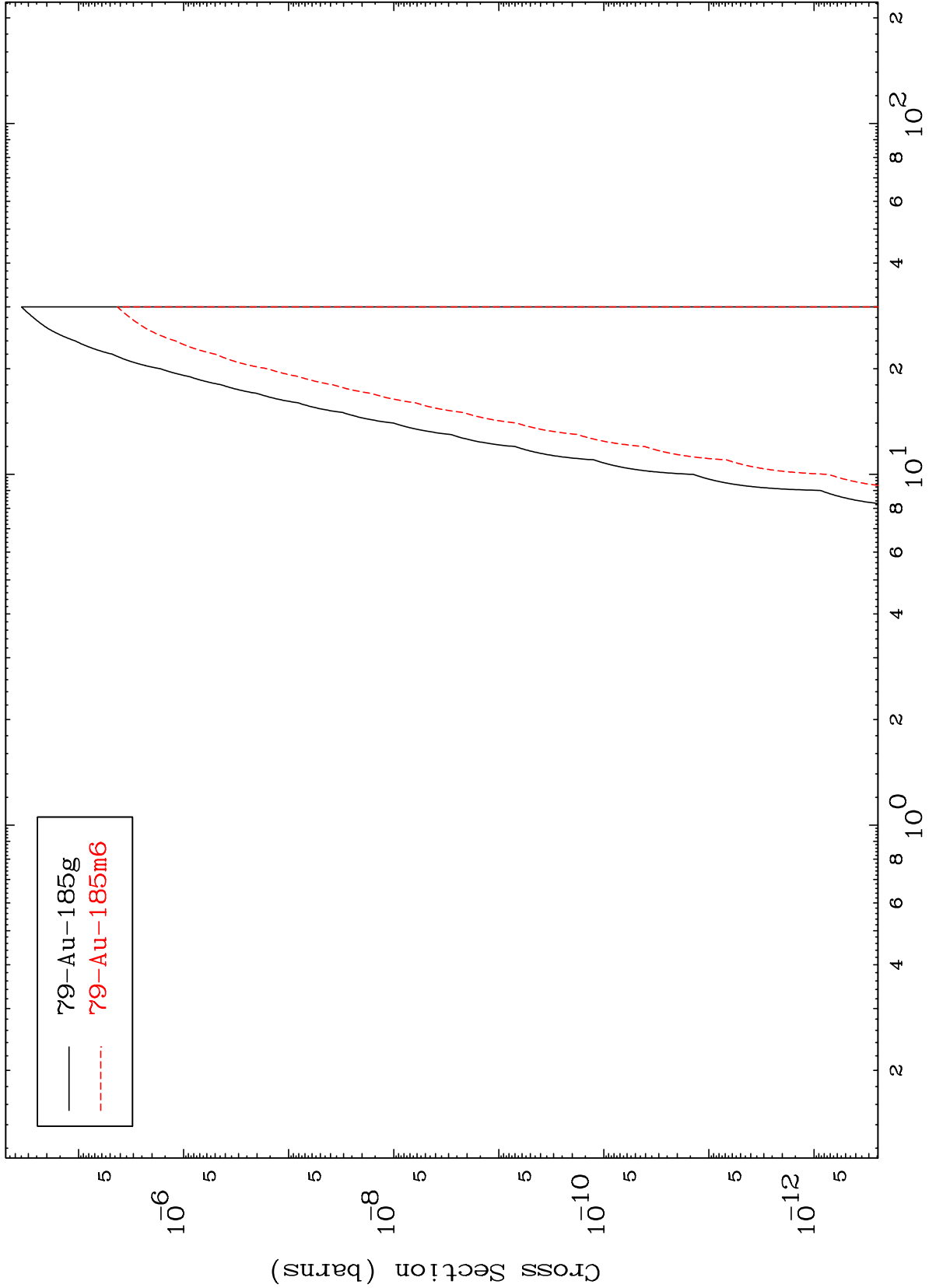
Incident Energy (MeV)

MAT 8189

(p,2 α)

82-Pb-192

Radionuclide Production Cross Section

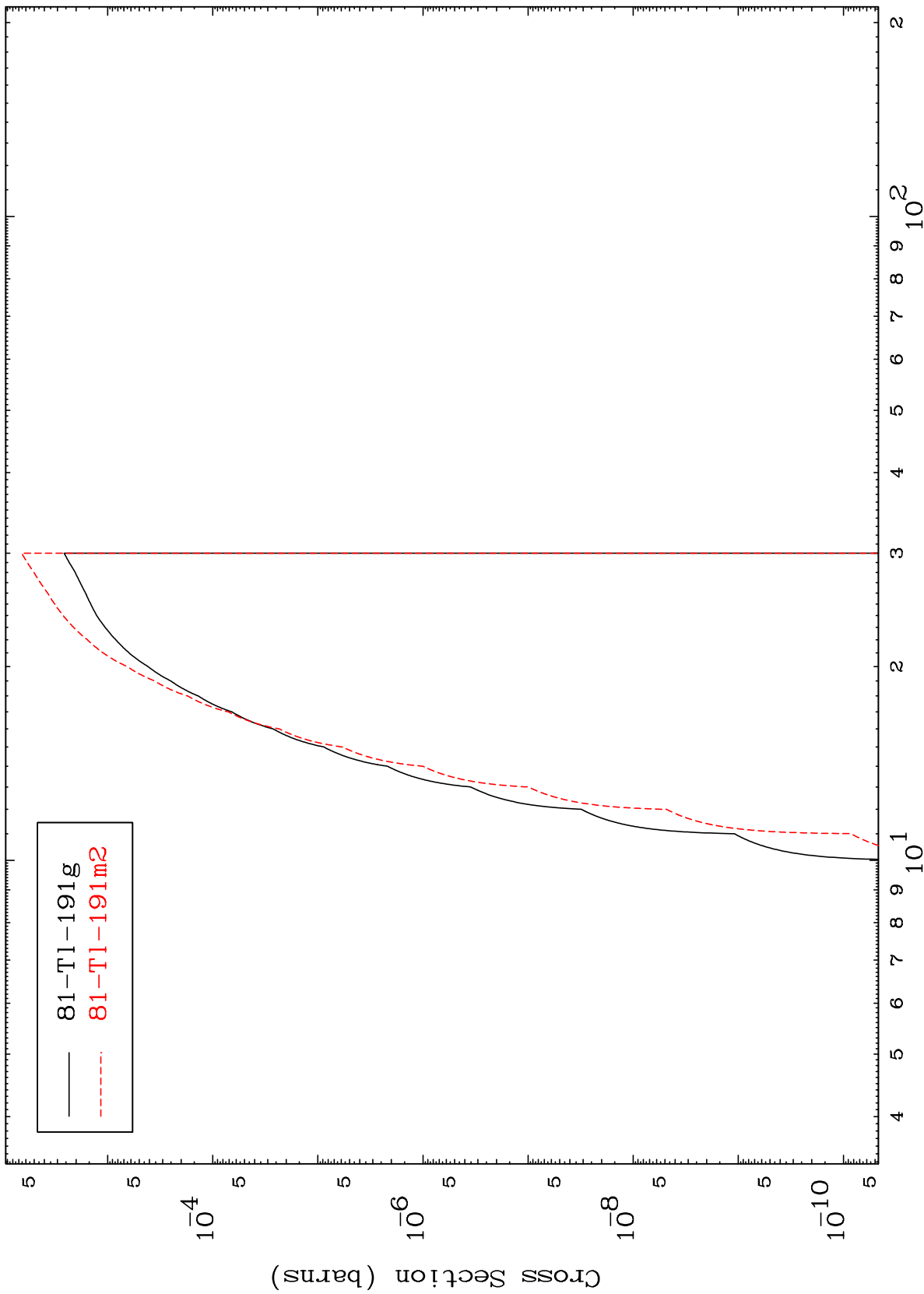


— 79-Au-185g
- - - 79-Au-185m6

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82-Pb-192

(p,2p)
Radionuclide Production Cross Section

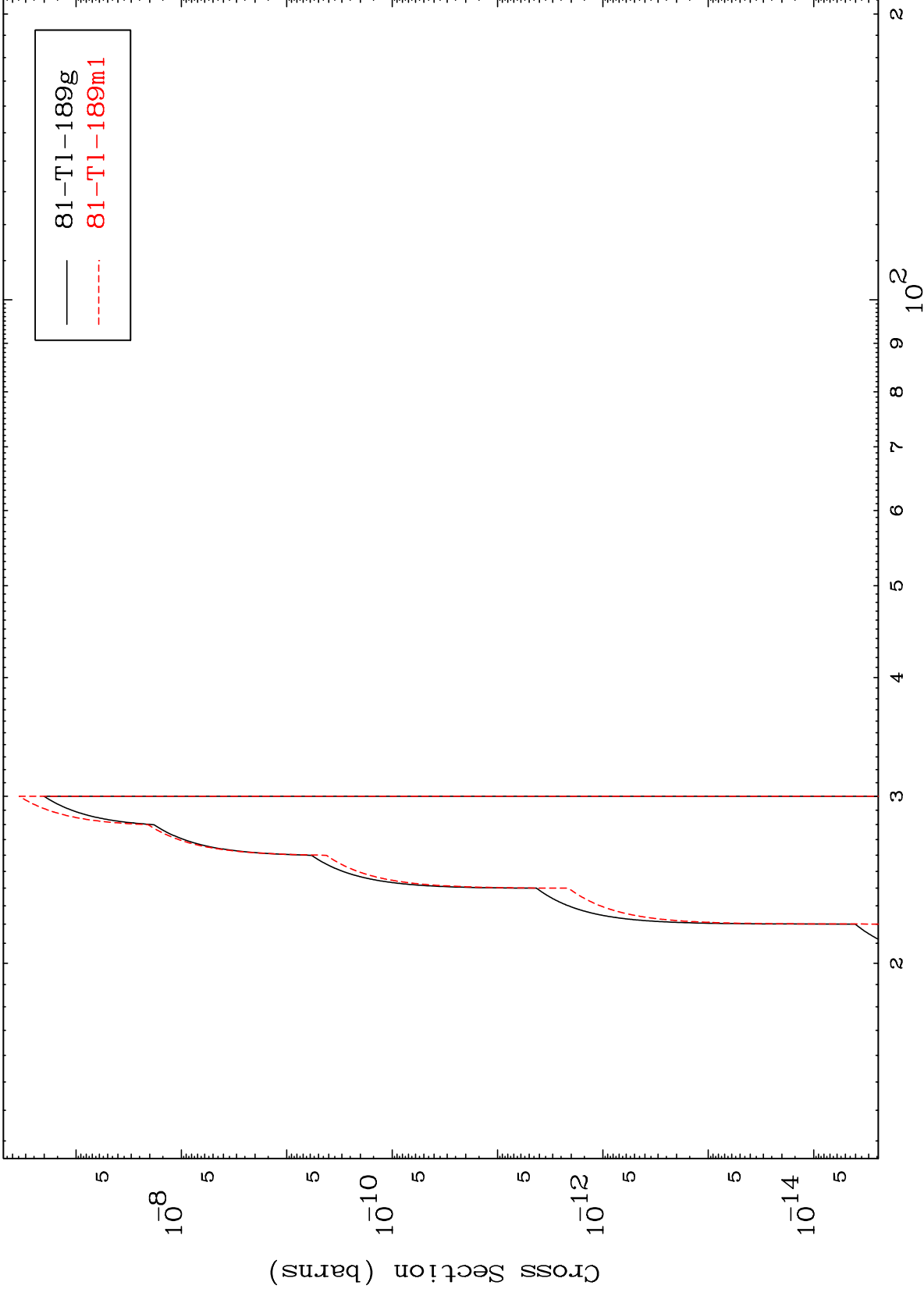


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82-Pb-192

Incident Energy (MeV)

Radionuclide Production Cross Section

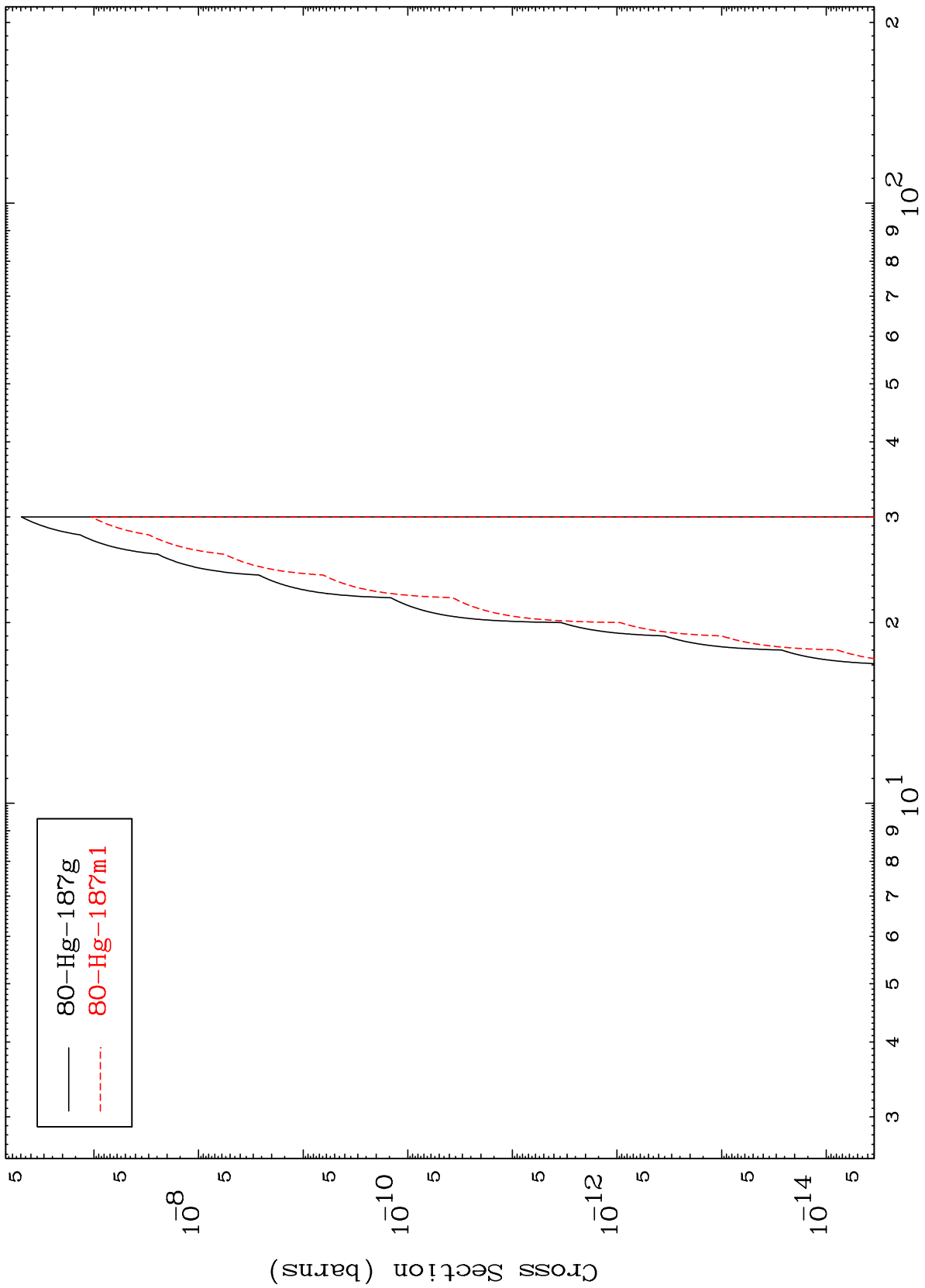


MAT 8189

(p,d) α

82-Pb-192

Radionuclide Production Cross Section



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

28

Incident Energy (MeV)

82-Pb-192