

Program EVALPLOT
(Version 2021-1)

by

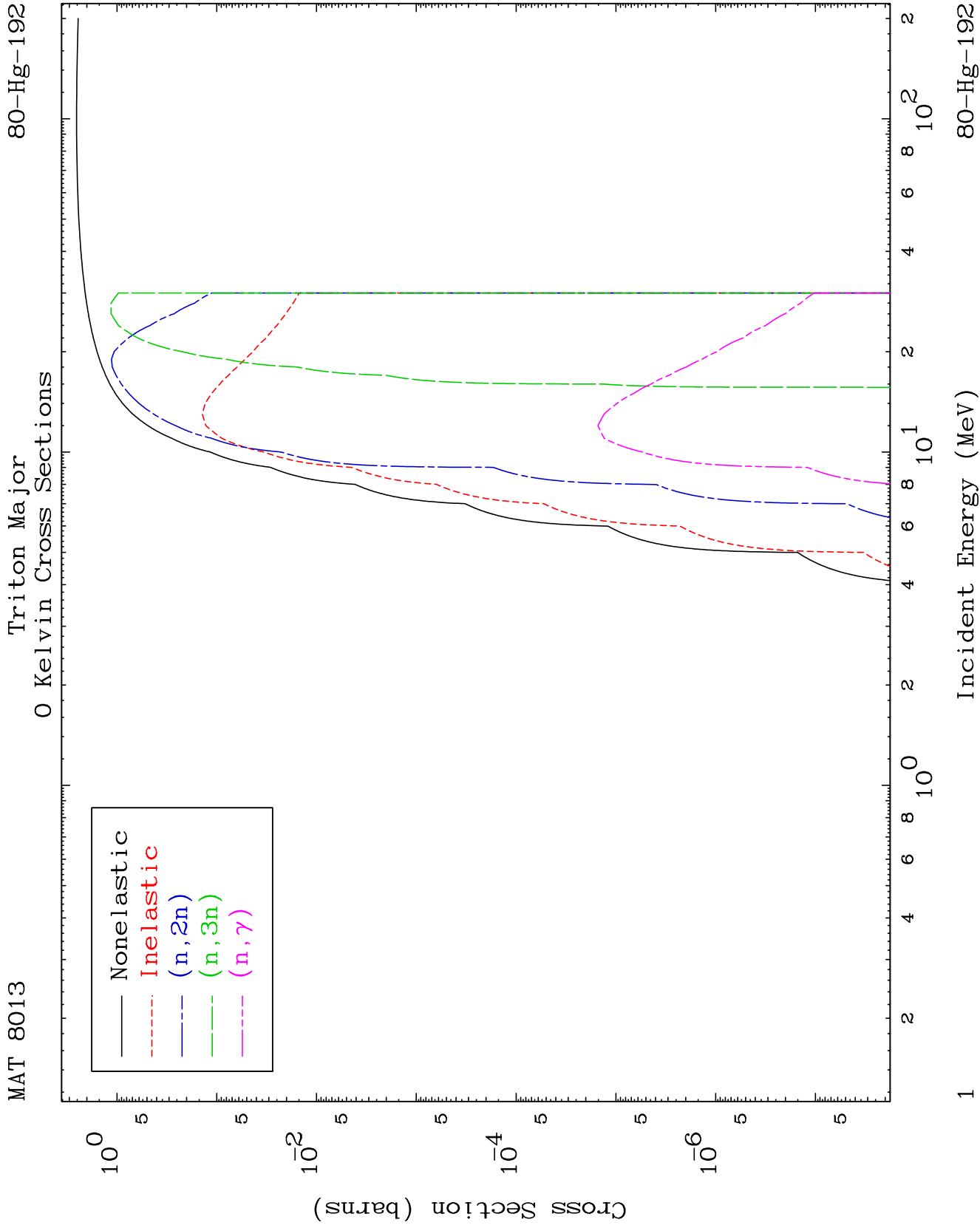
Dermott E. Cullen
(Present Contact Information)

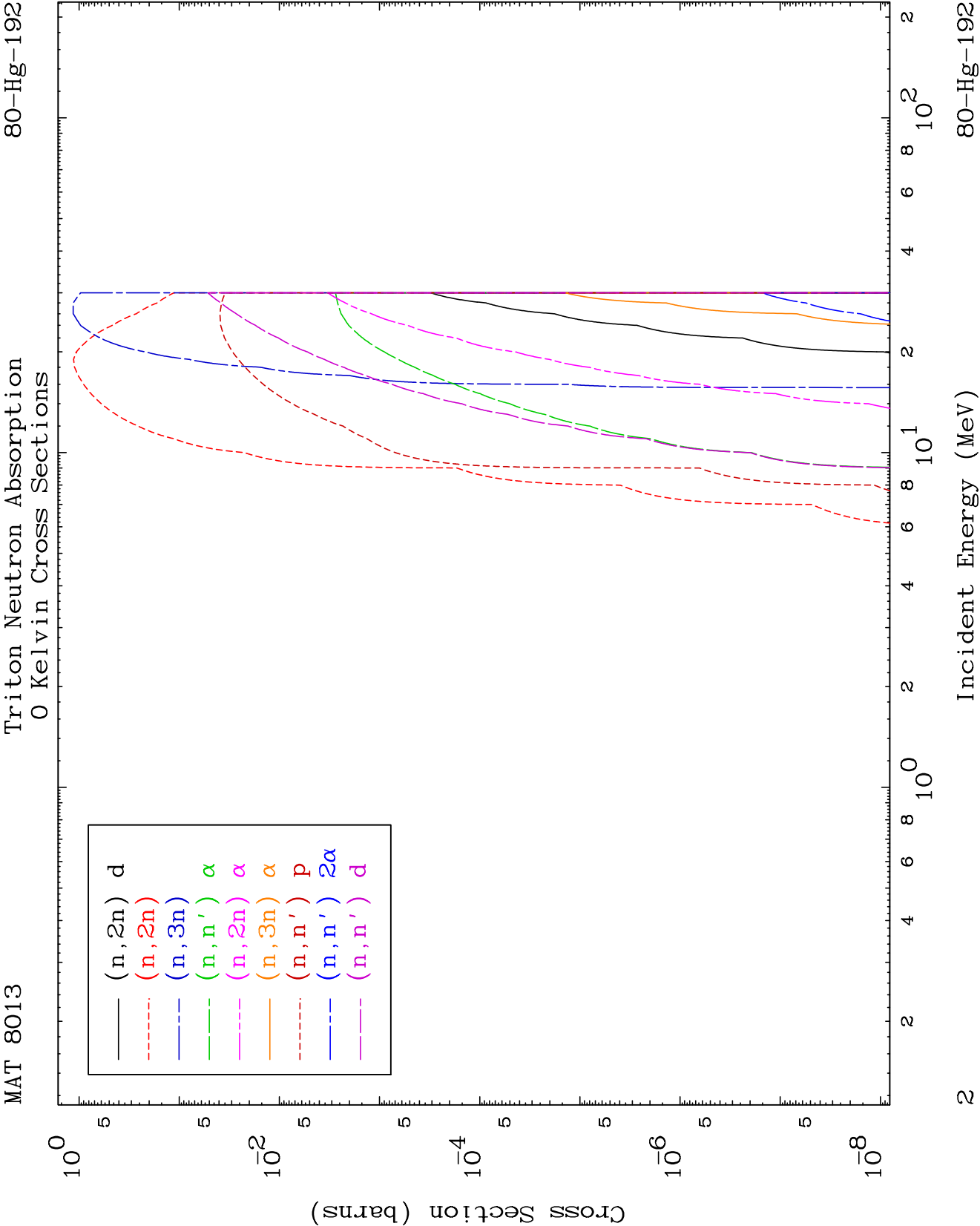
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

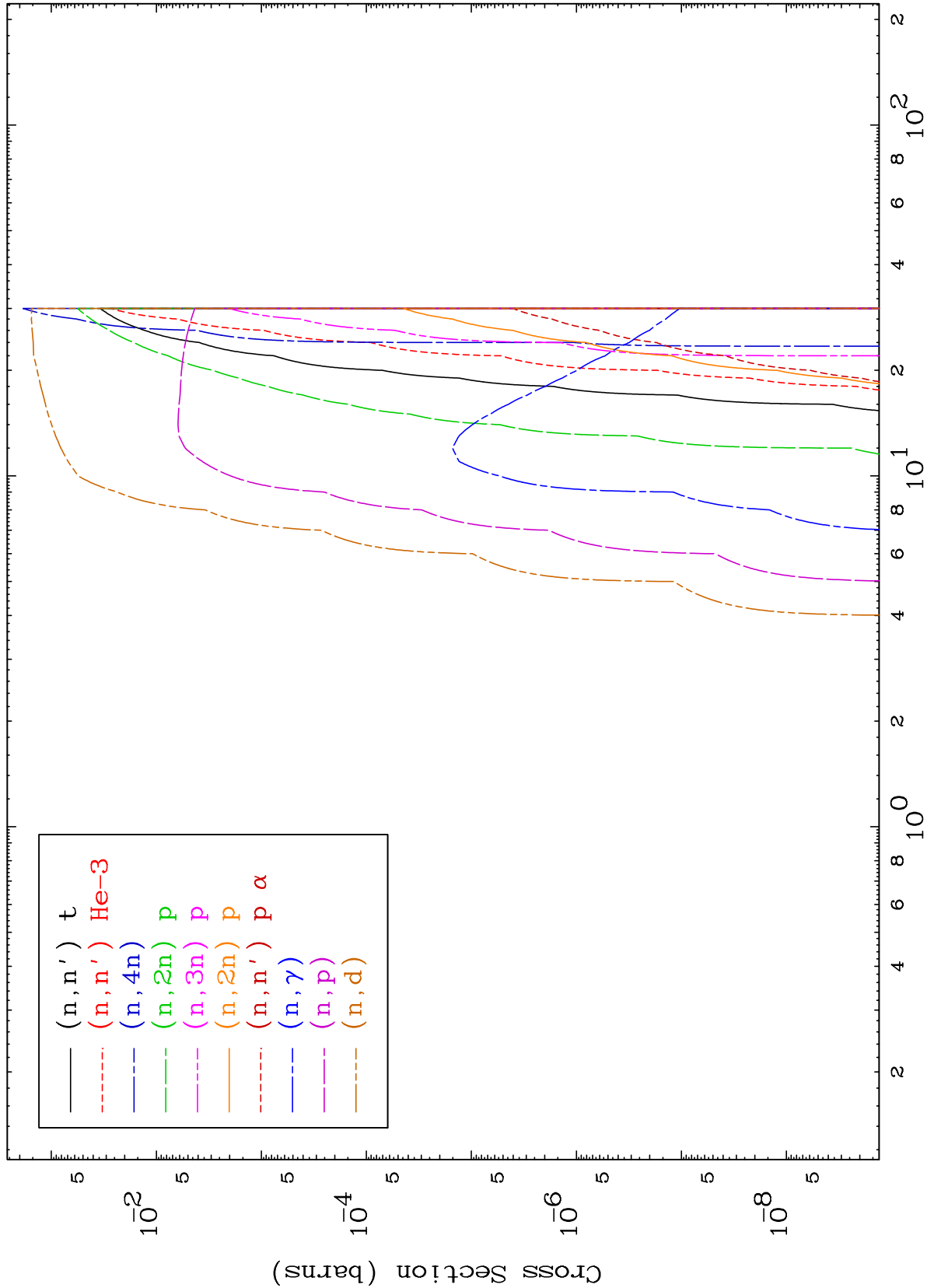




MAT 8013

Triton Neutron Absorption
0 Kelvin Cross Sections

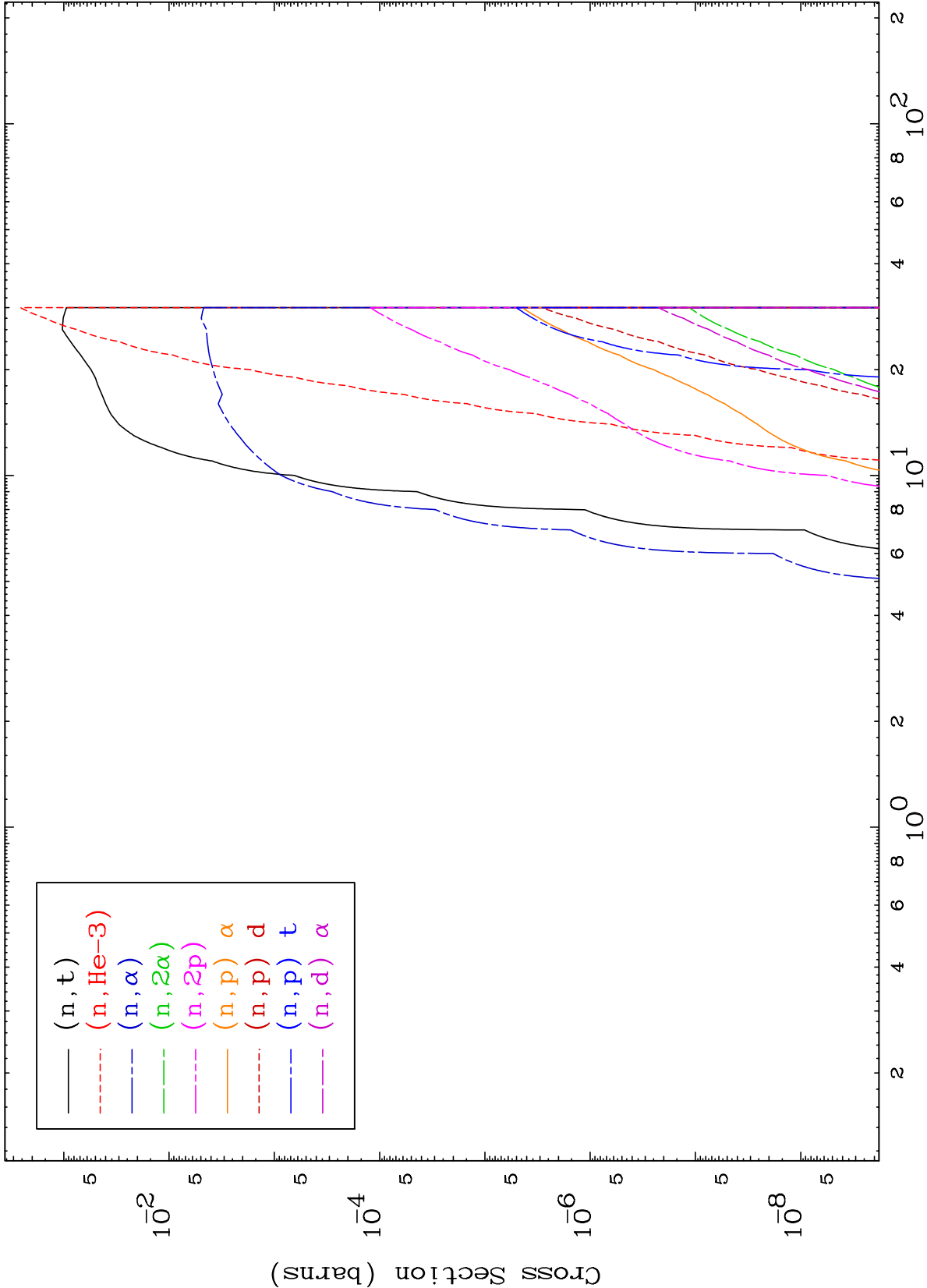
80-Hg-192



MAT 8013

Triton Neutron Absorption
0 Kelvin Cross Sections

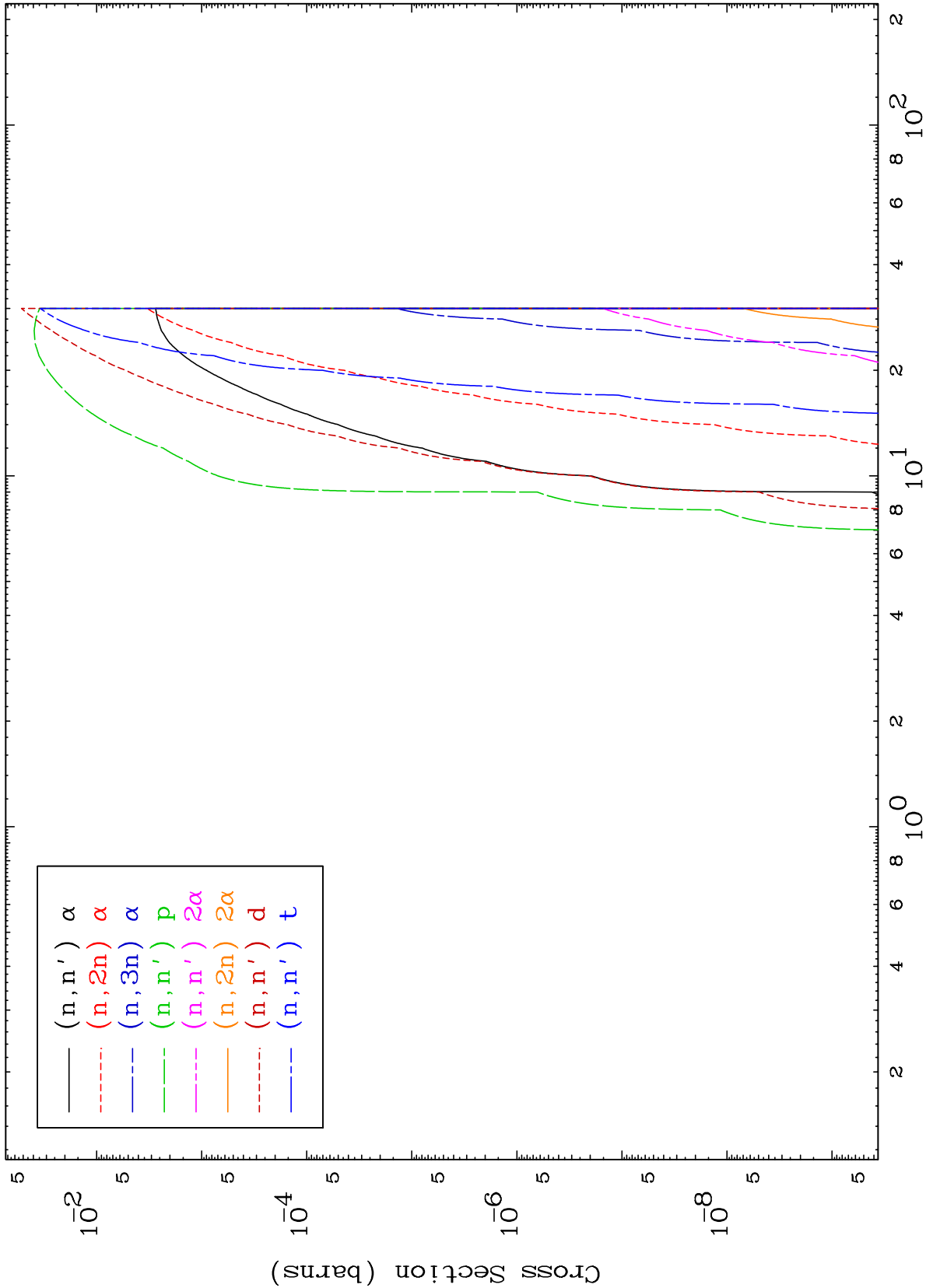
80-Hg-192



MAT 8013

Triton Charged Particle
0 Kelvin Cross Sections

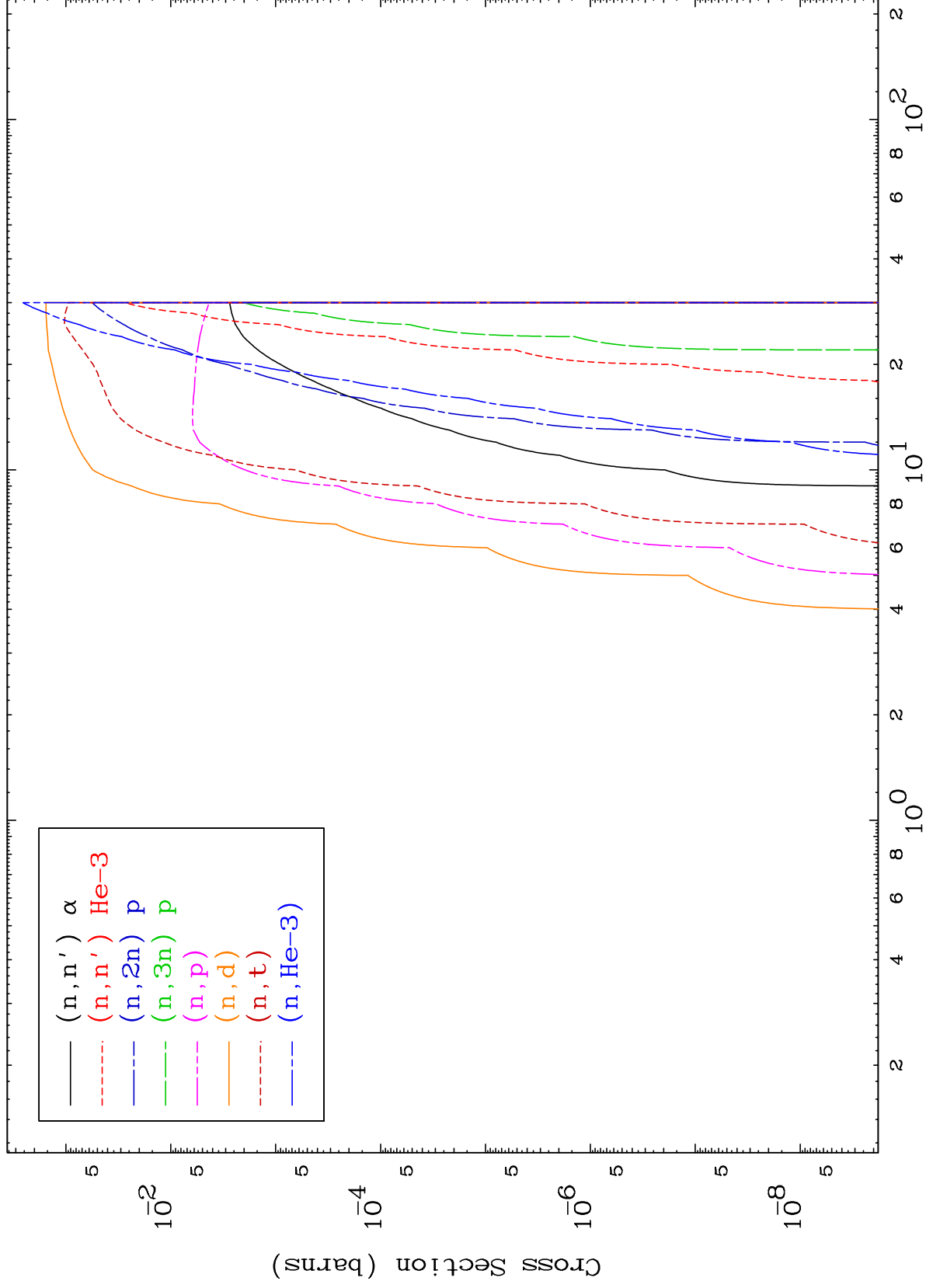
80-Hg-192

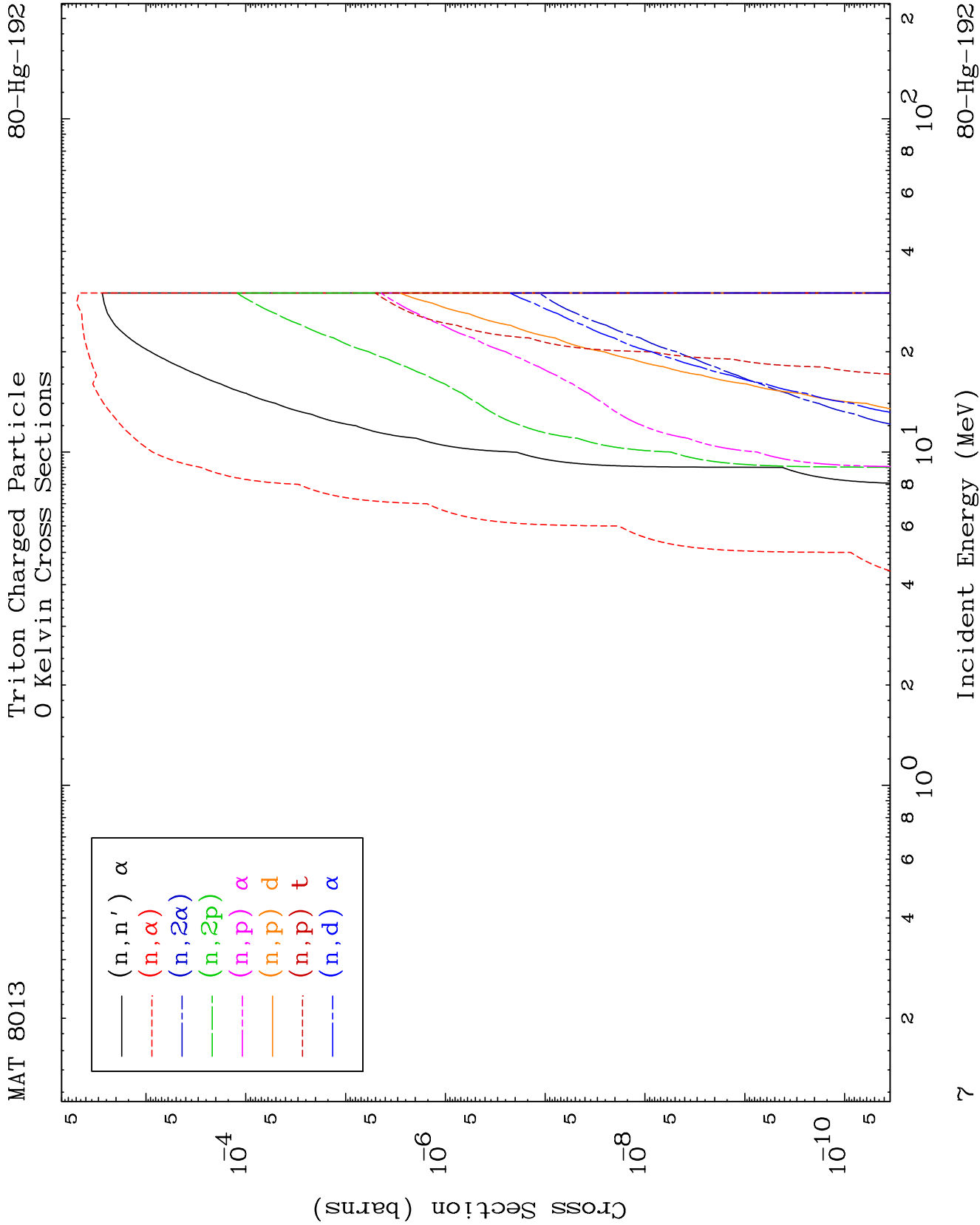


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Triton Charged Particle
0 Kelvin Cross Sections

80-Hg-192

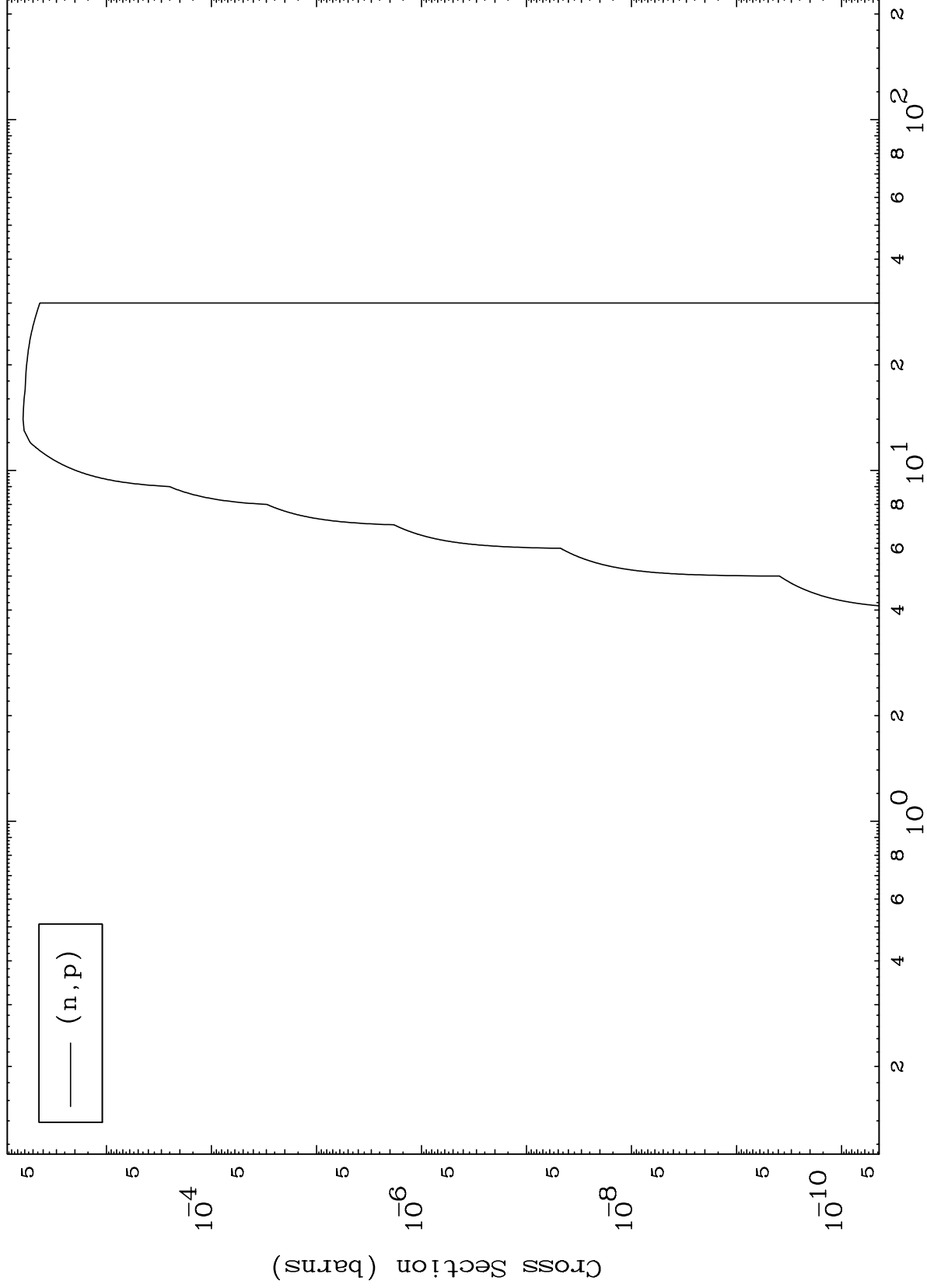




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80-Hg-192

(t,p) Levels
0 Kelvin Cross Sections



8

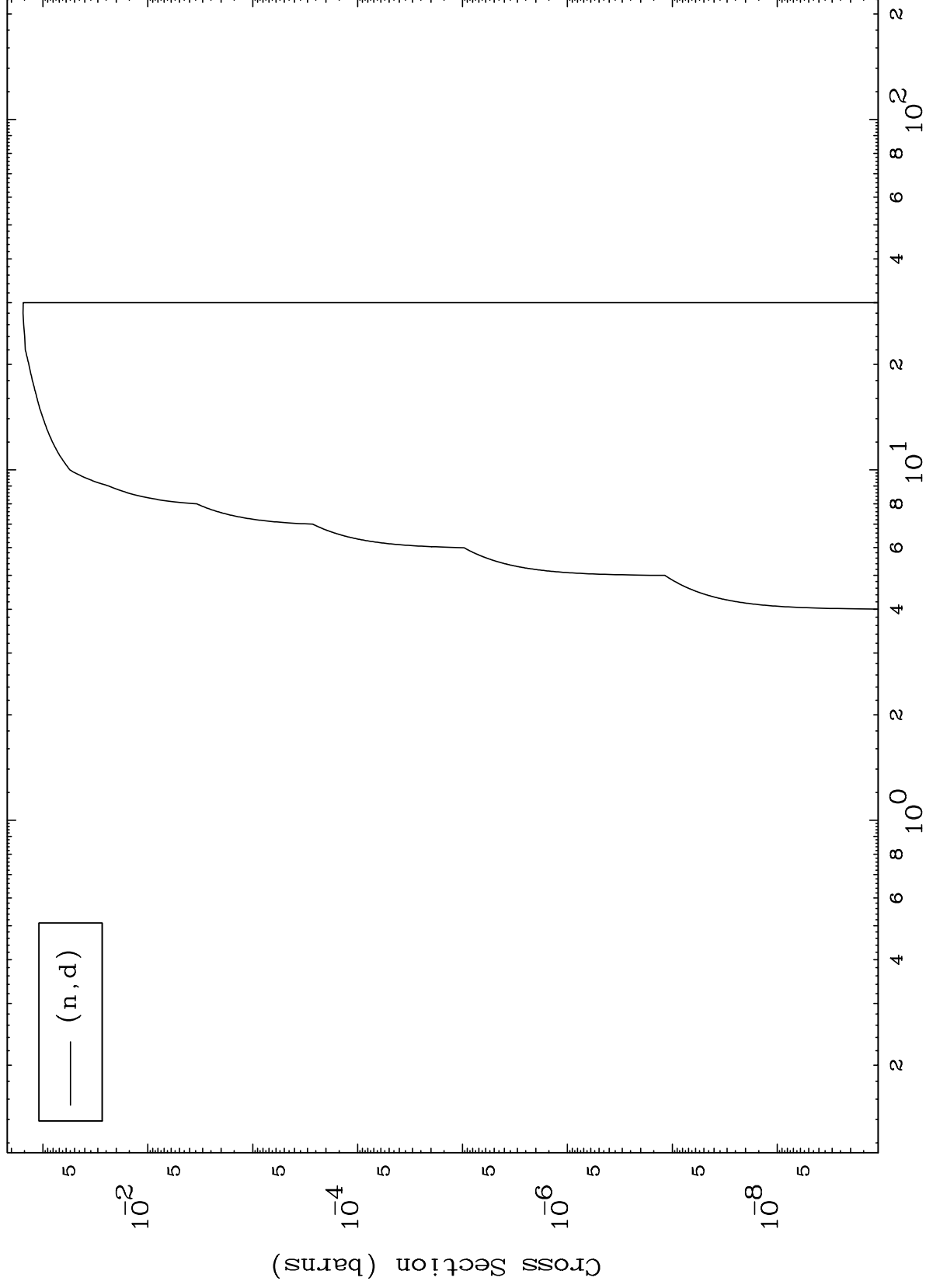
Incident Energy (MeV)

80-Hg-192

MAT 8013

80-Hg-192

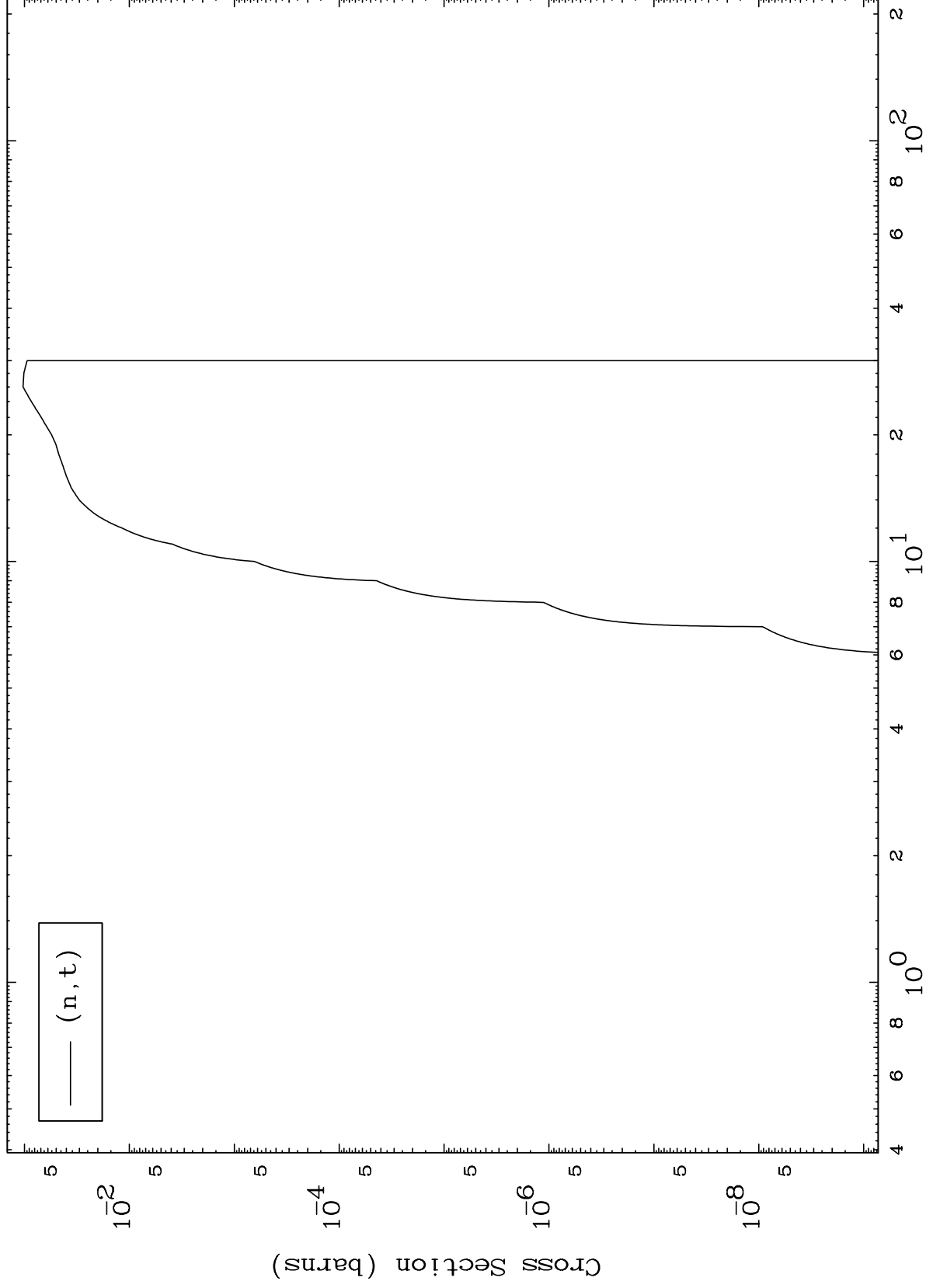
(t,d) Levels
0 Kelvin Cross Sections



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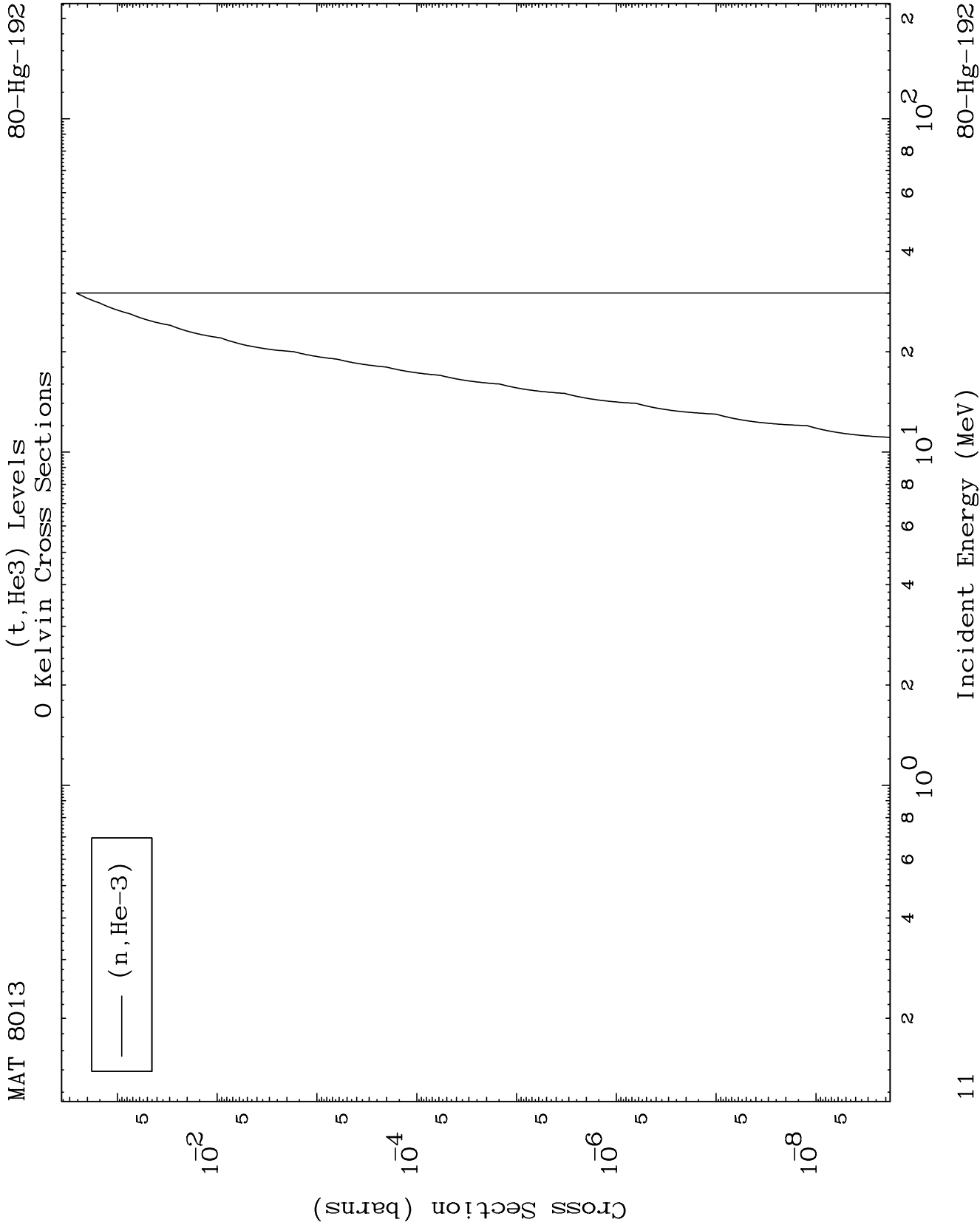
80-Hg-192

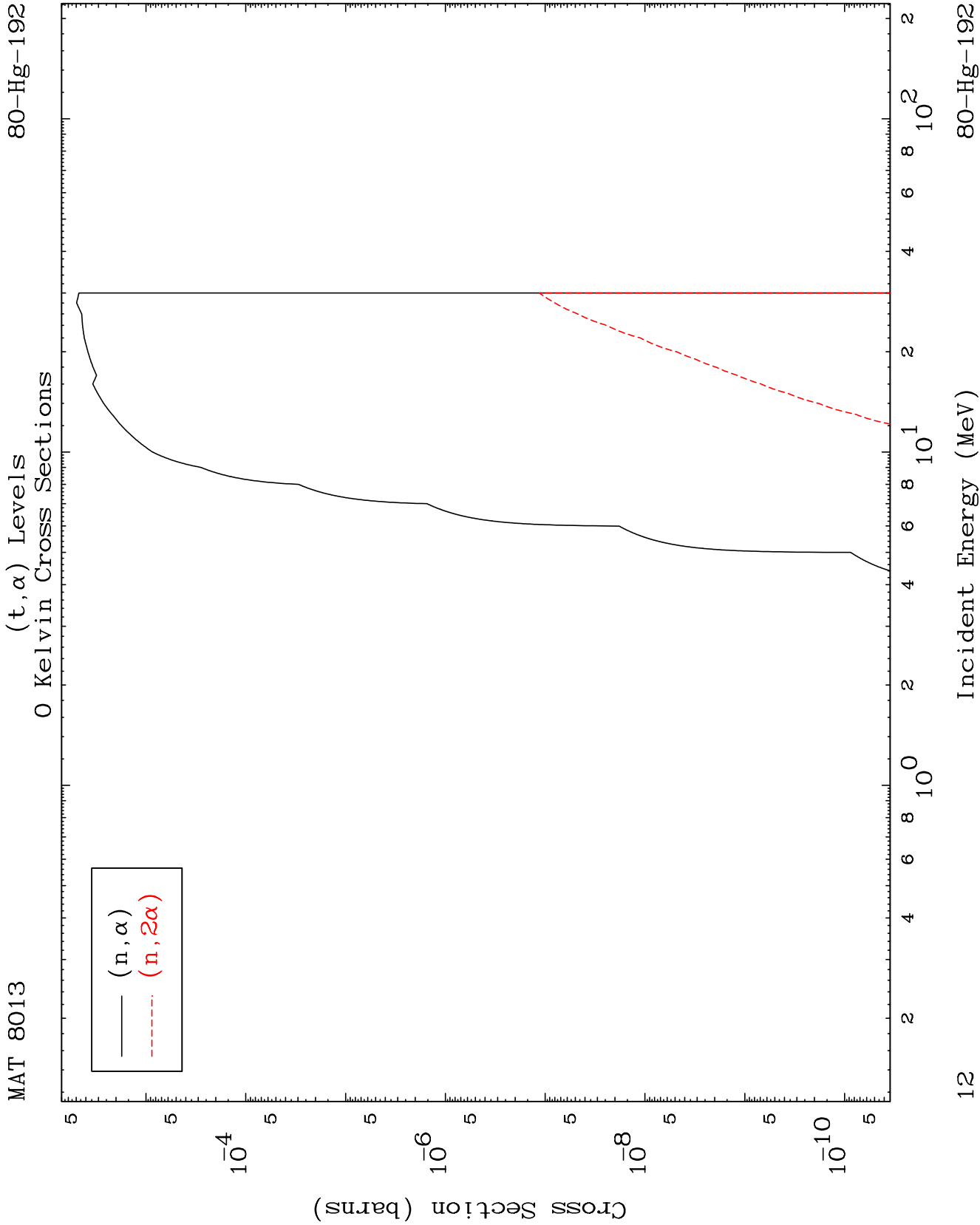
(t,t) Levels
0 Kelvin Cross Sections



80-Hg-192

Incident Energy (MeV)

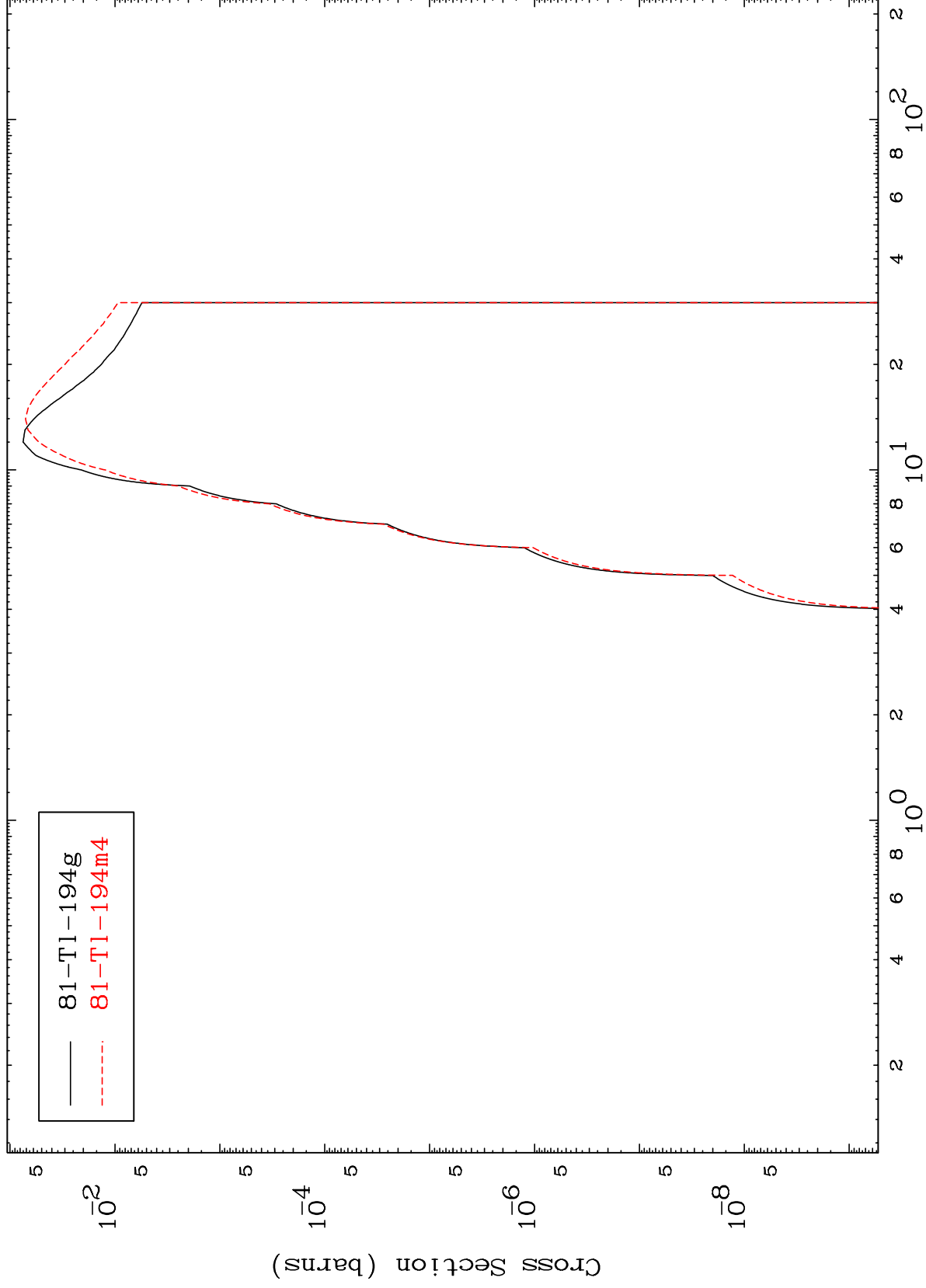




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Radionuclide Production Cross Section

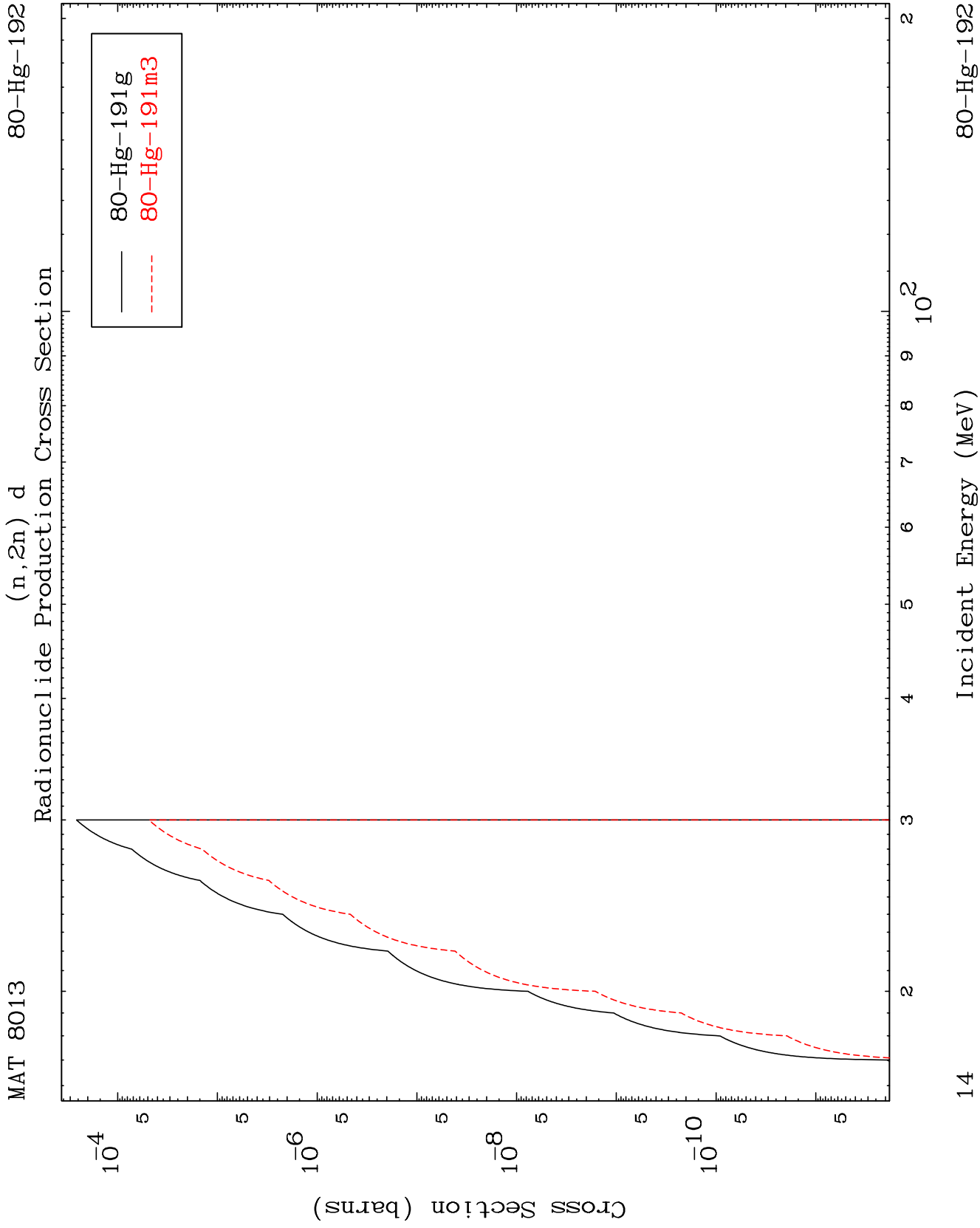
80-Hg-192

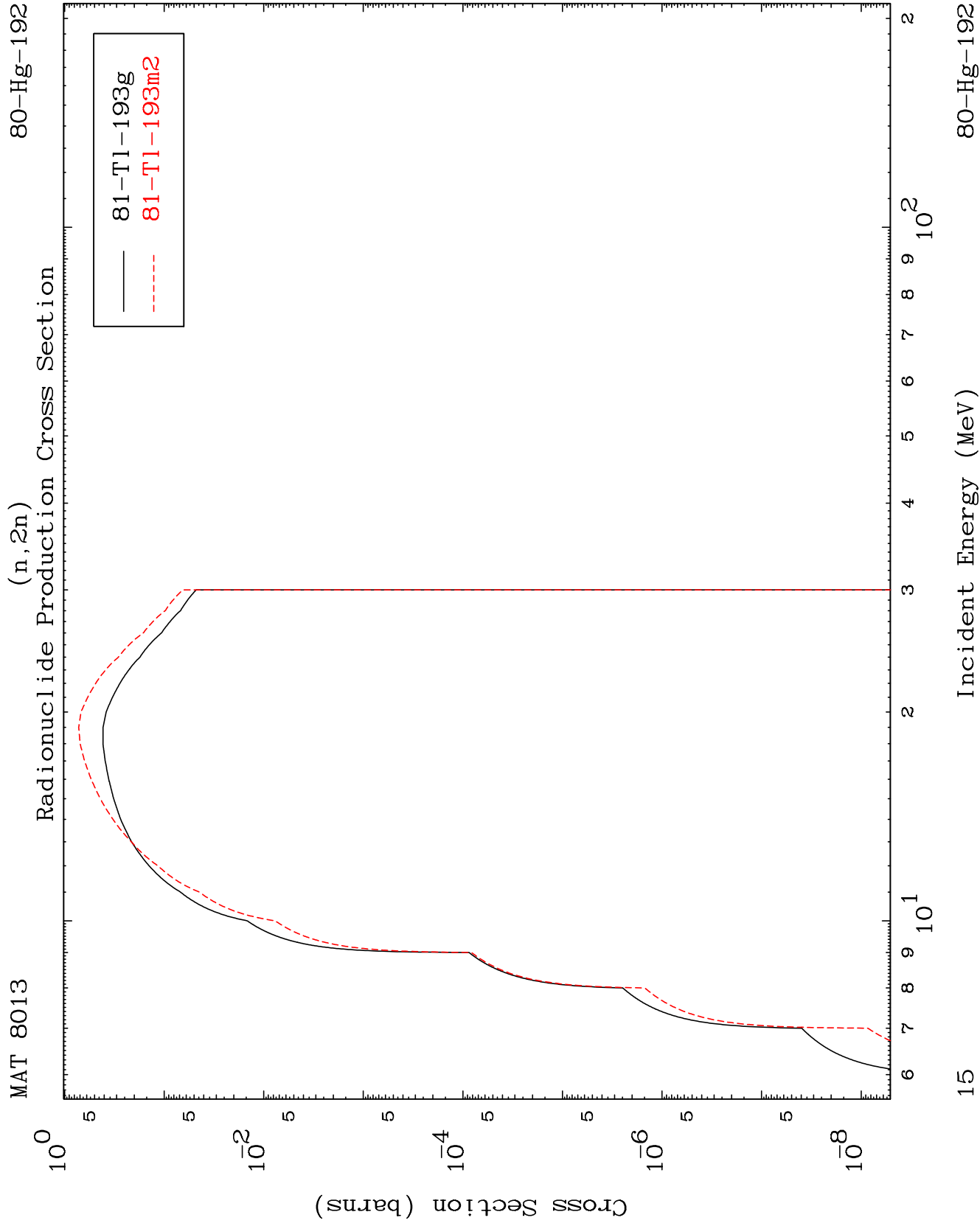


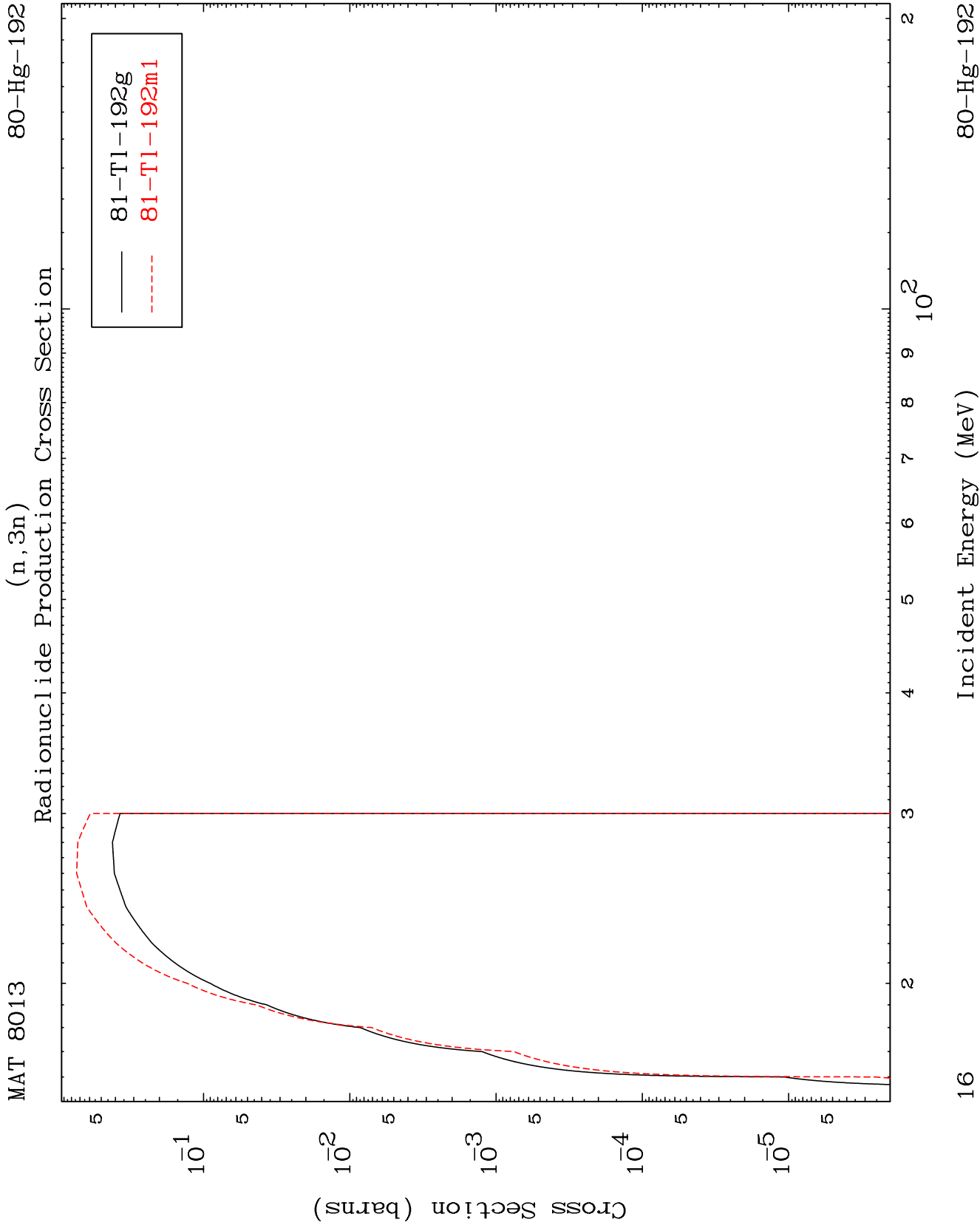
13

Incident Energy (MeV)

80-Hg-192







MAT 8013

Fission

80-Hg-192

Radionuclide Production Cross Section

— 0-??-Nat

Cross Section (barns)

10^{-2}

10^{-4}

10^{-6}

10^{-8}

4

6

8

2

4

6

8

2

4

6

8

2

17

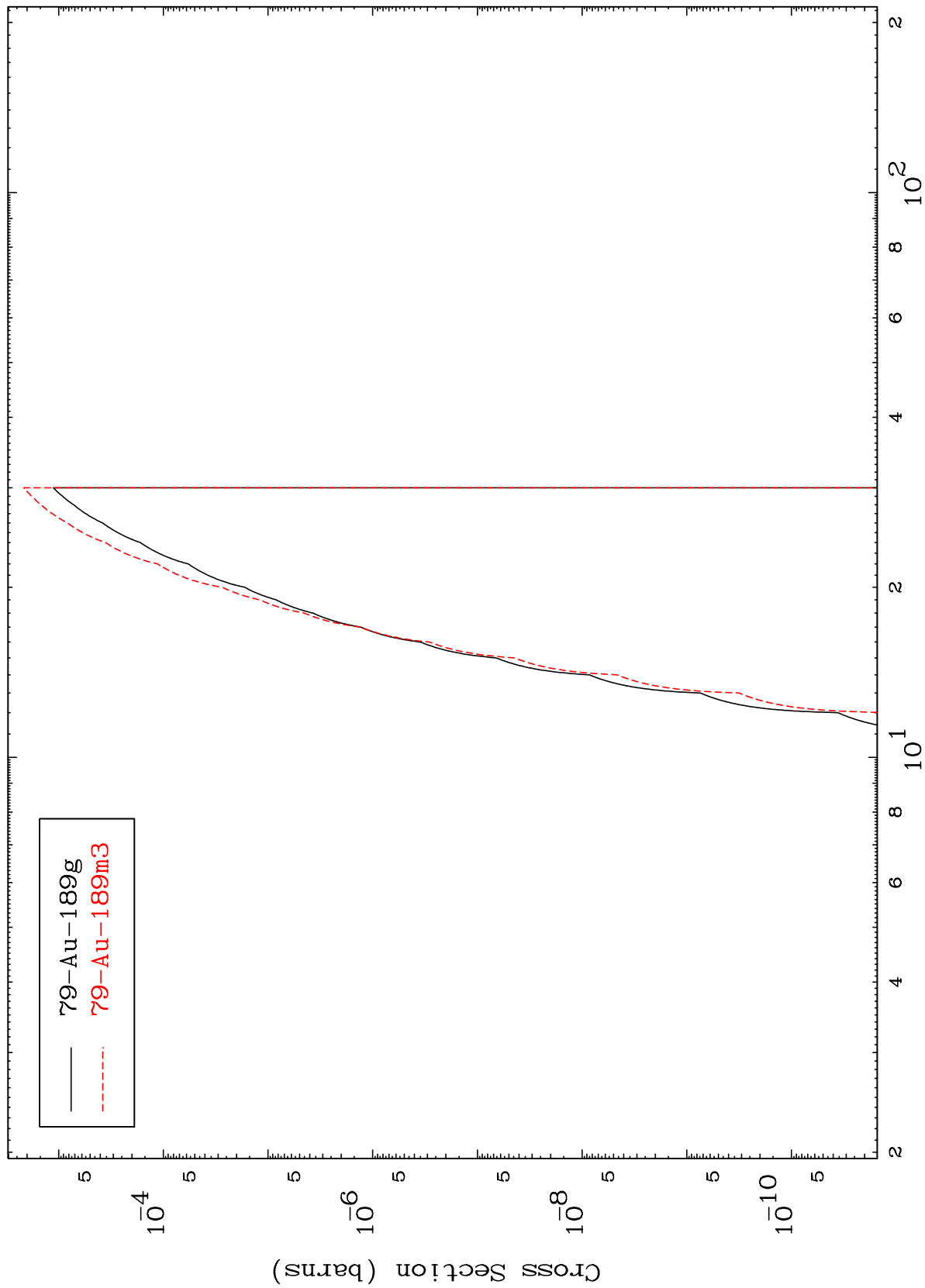
Incident Energy (MeV)

80-Hg-192

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80-Hg-192

Radionuclide Production Cross Section
(n,2n) α



80-Hg-192

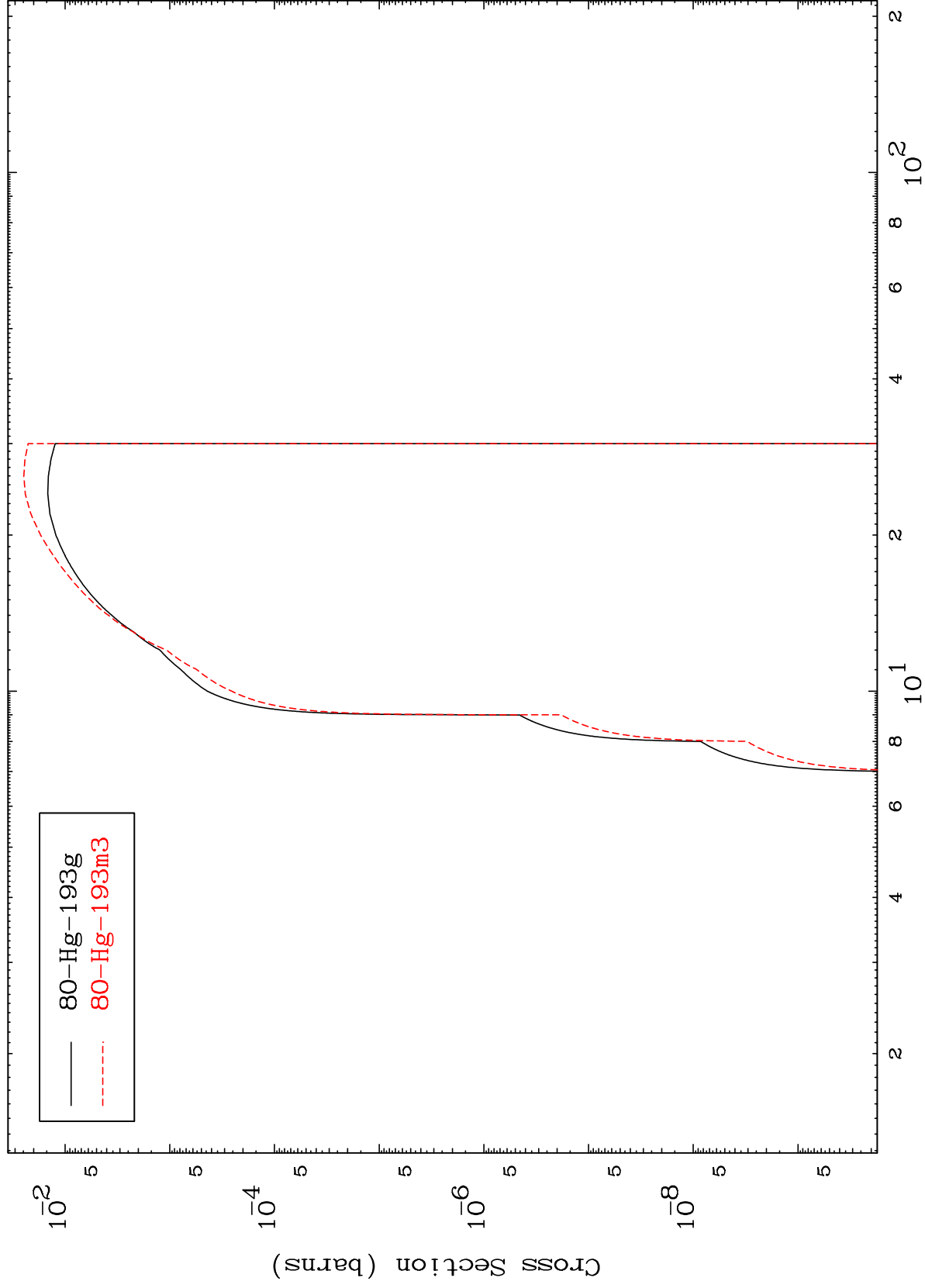
Incident Energy (MeV)

18

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80-Hg-192

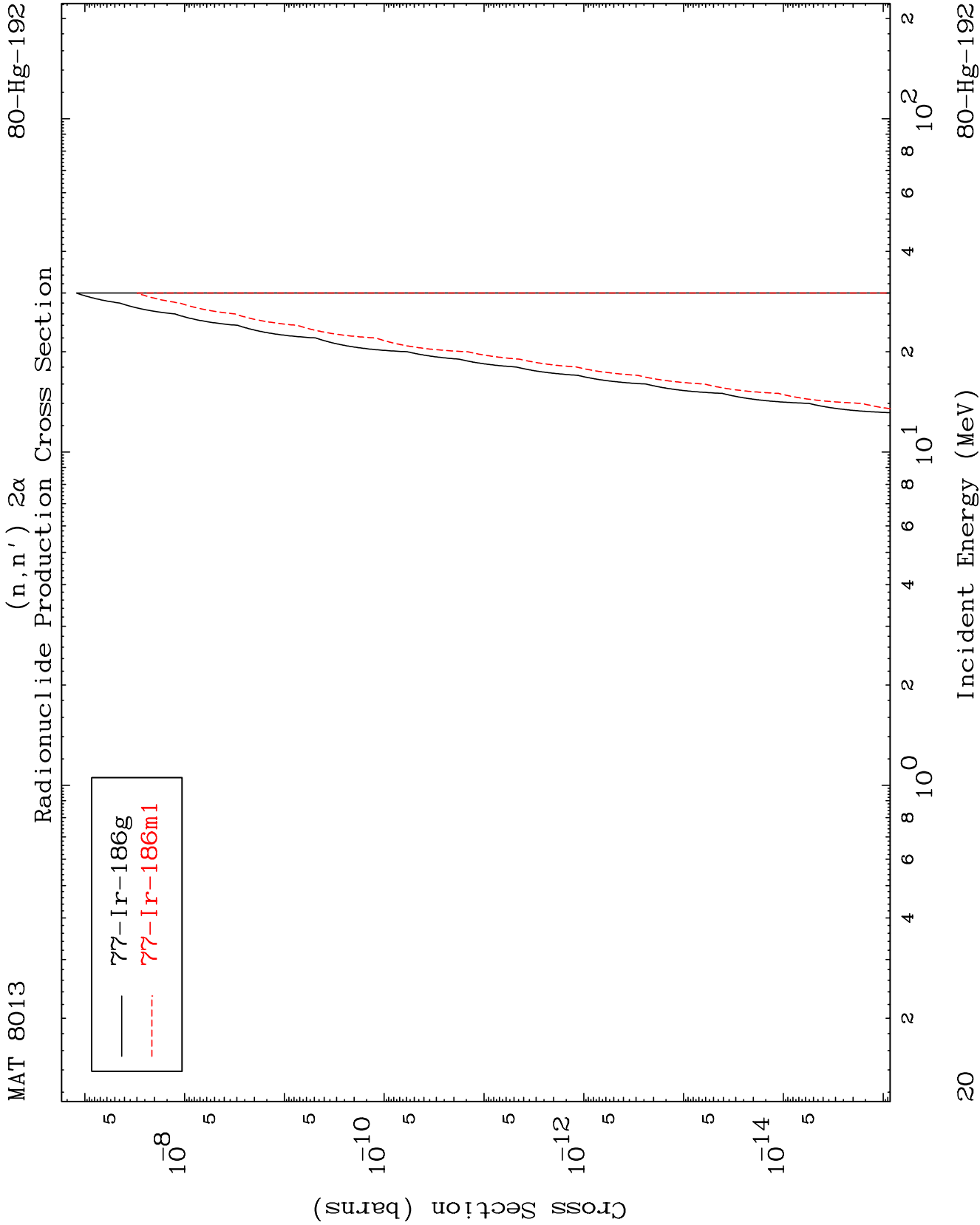
(n,n') p
Radionuclide Production Cross Section



19

Incident Energy (MeV)

80-Hg-192

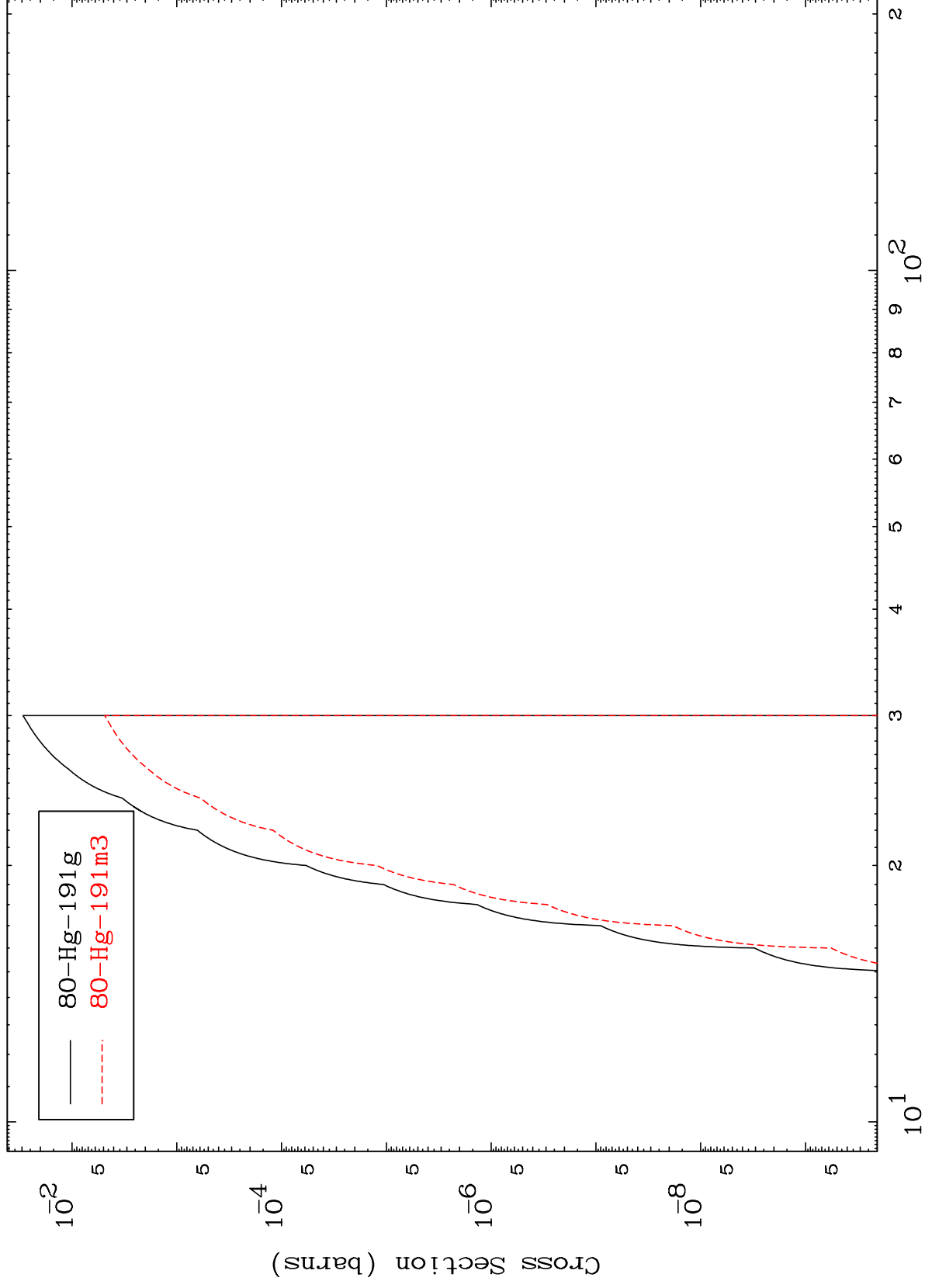


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(n,n') t

80-Hg-192

Radionuclide Production Cross Section



Incident Energy (MeV)

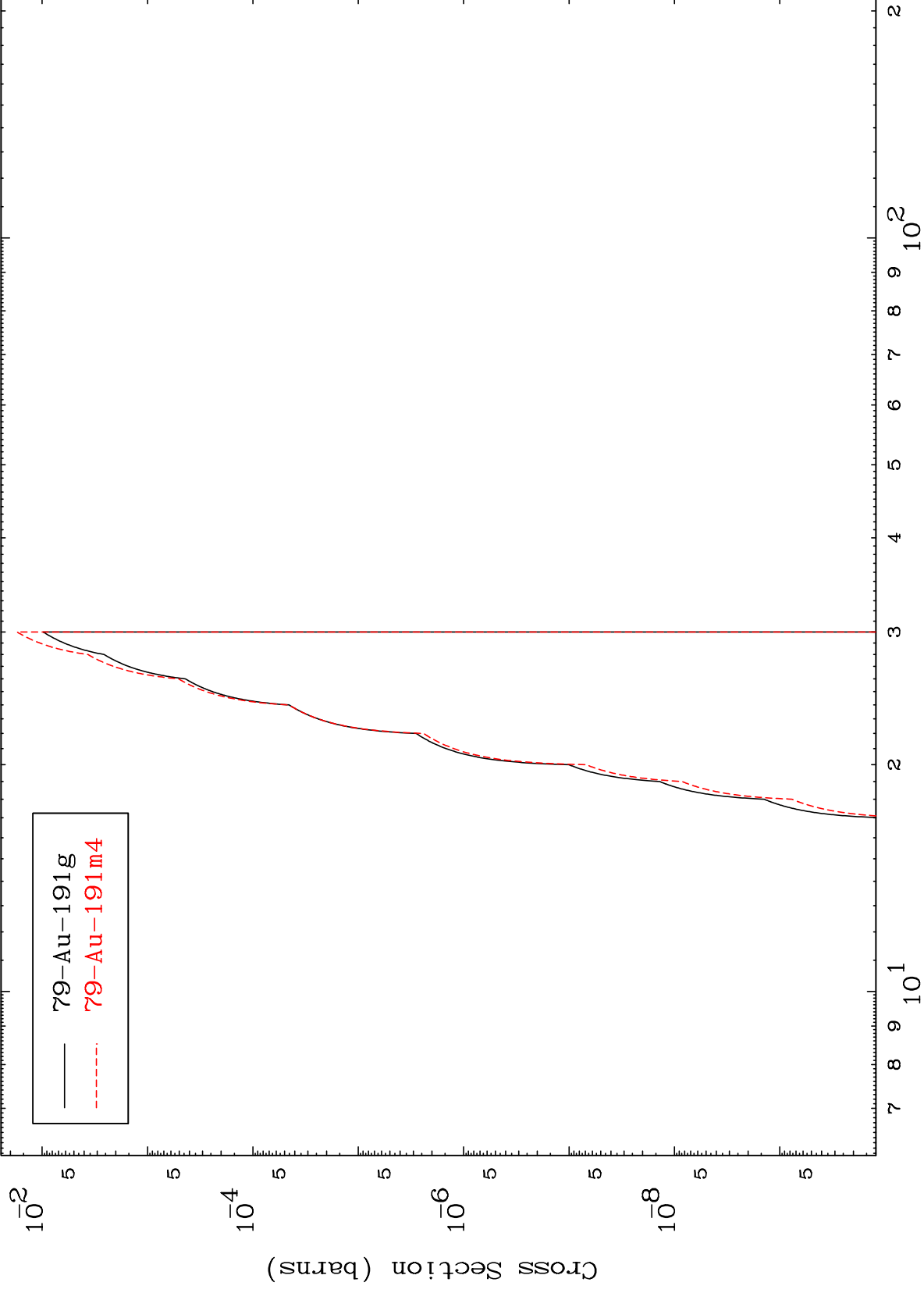
80-Hg-192

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(n,n') He-3

80-Hg-192

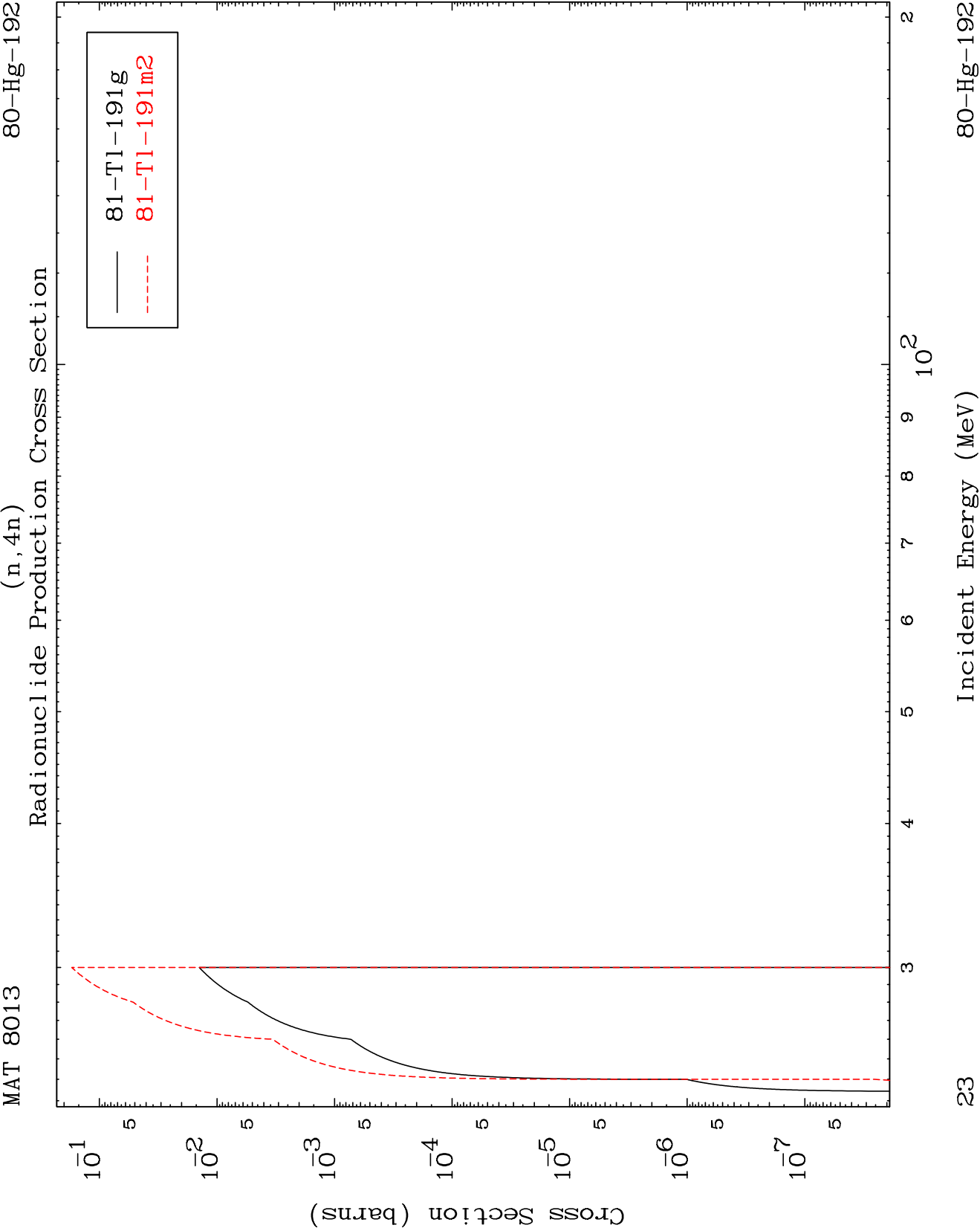
Radionuclide Production Cross Section



22

Incident Energy (MeV)

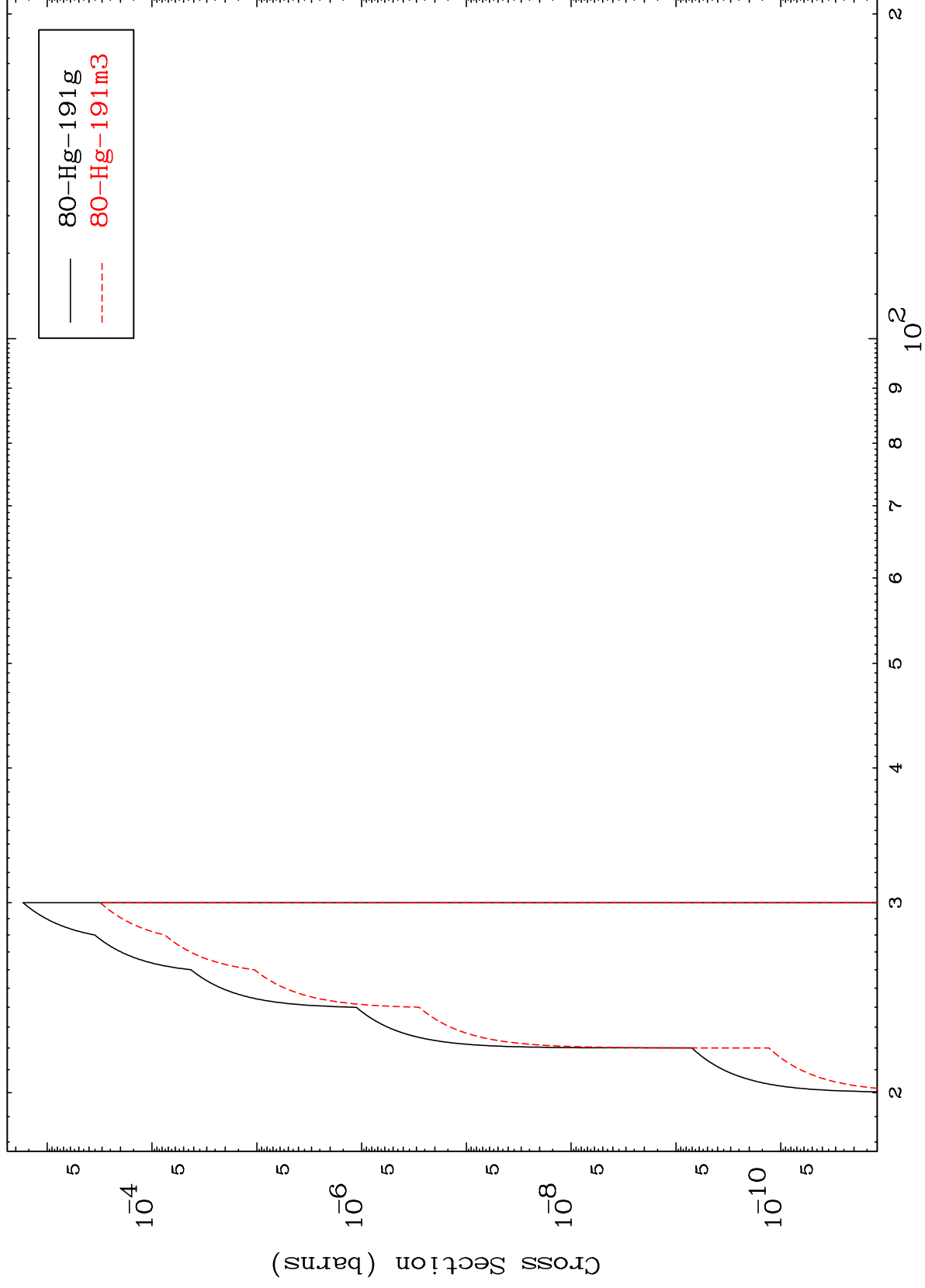
80-Hg-192



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80-Hg-192

(n,3n) p
Radionuclide Production Cross Section



24

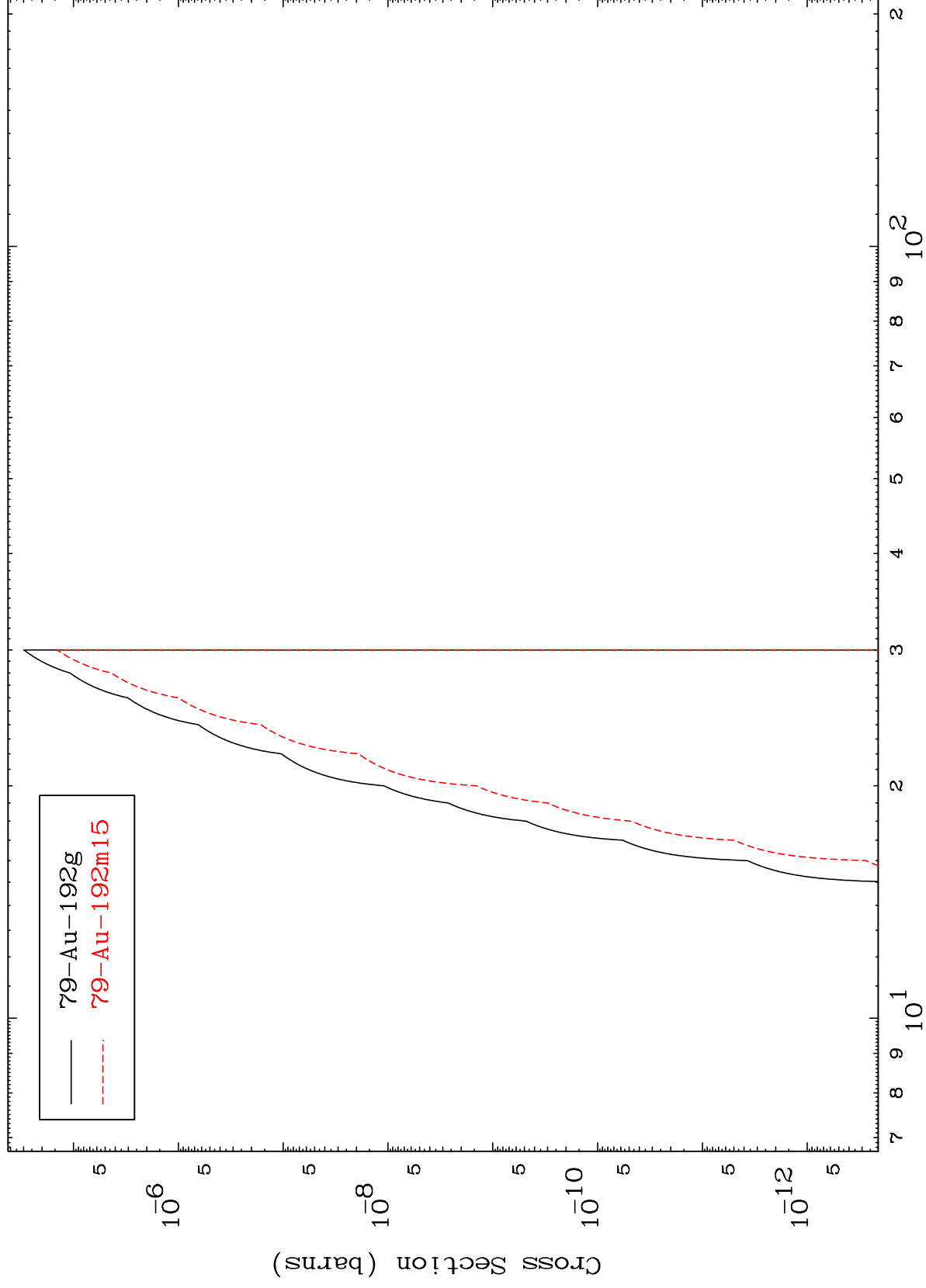
Incident Energy (MeV)

80-Hg-192

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80-Hg-192

(n,2n) p
Radionuclide Production Cross Section

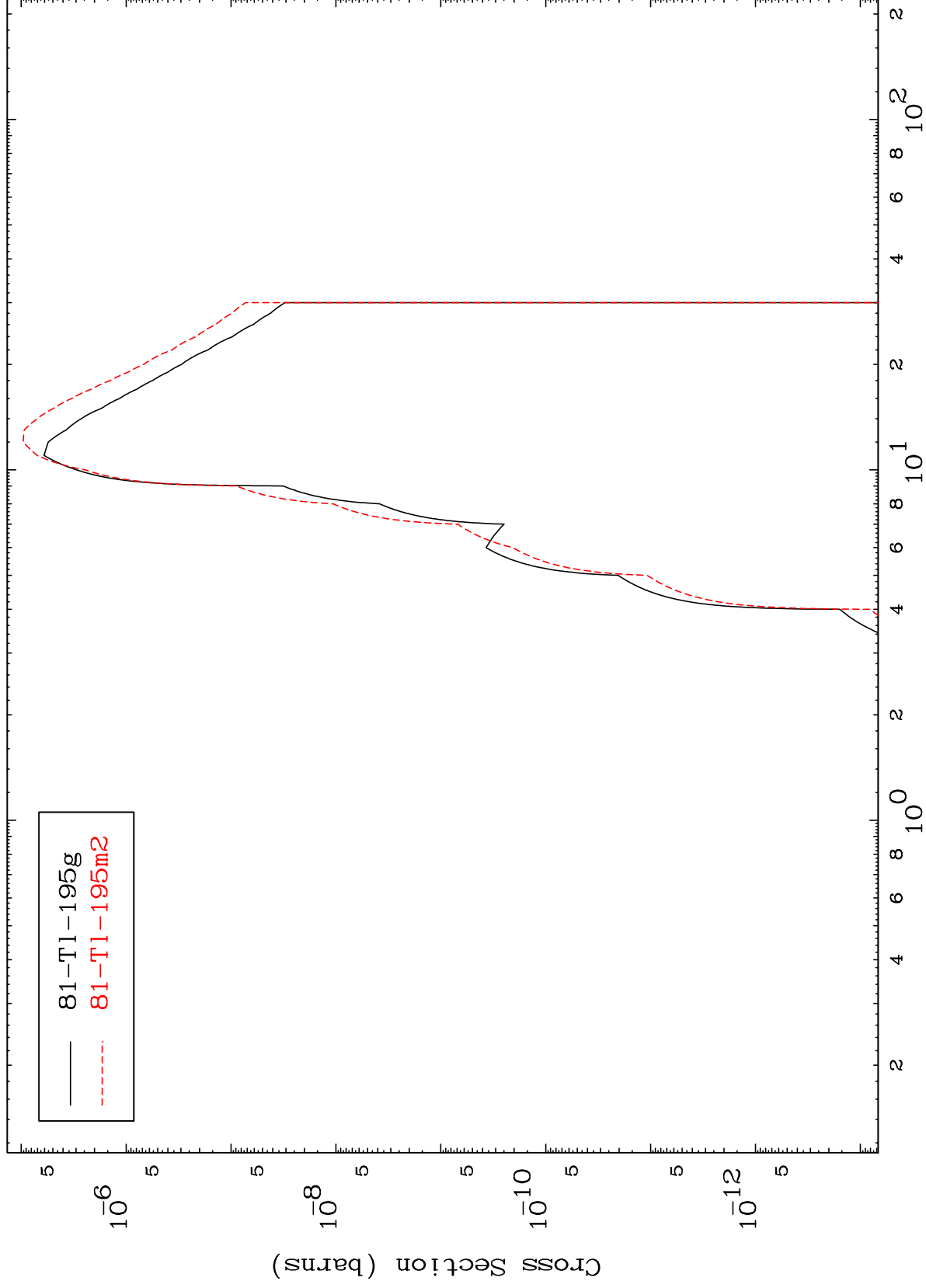


Incident Energy (MeV)

80-Hg-192

25

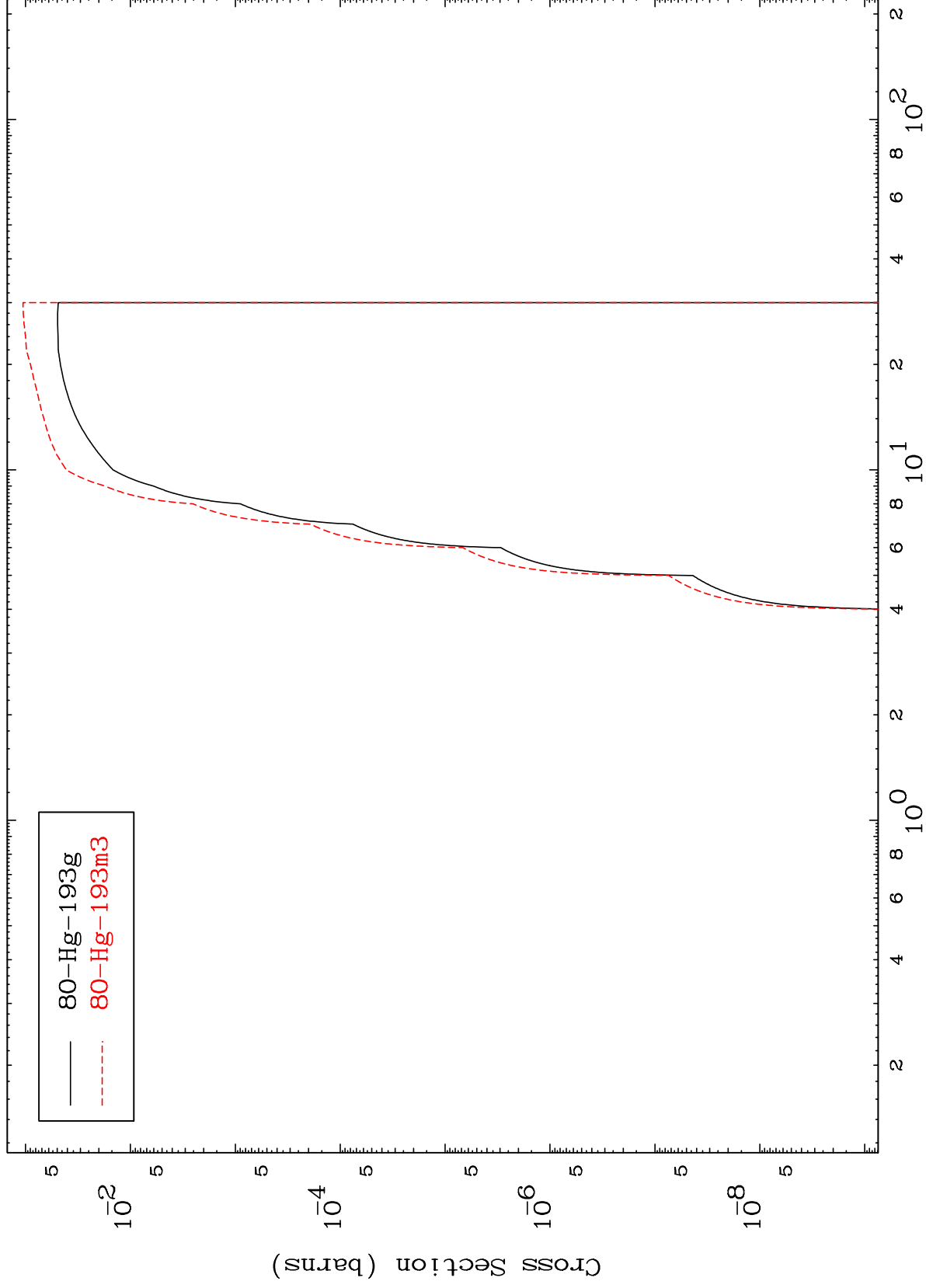
Radionuclide Production Cross Section
(n, γ)



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80-Hg-192

(n,d)
Radionuclide Production Cross Section

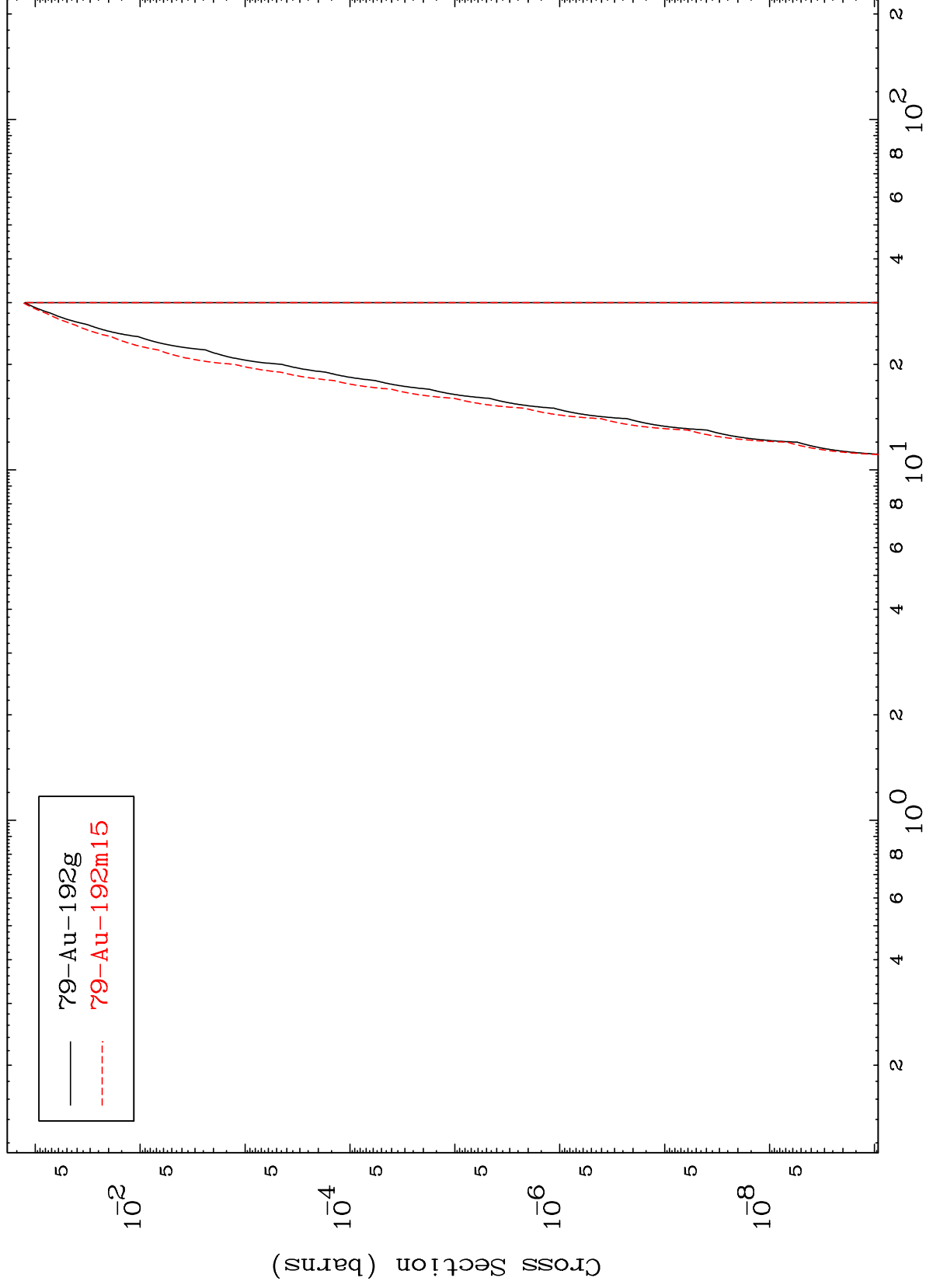


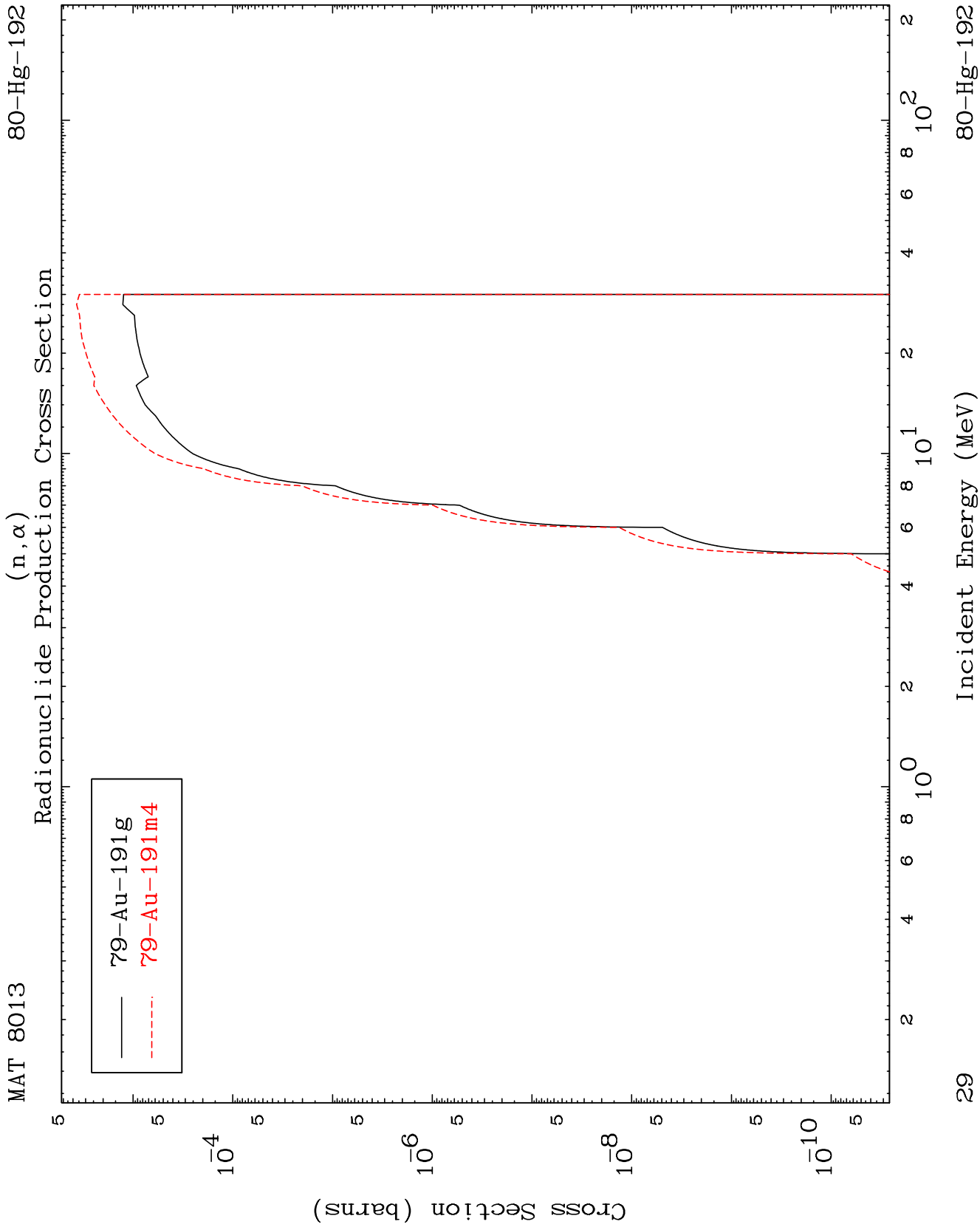
27

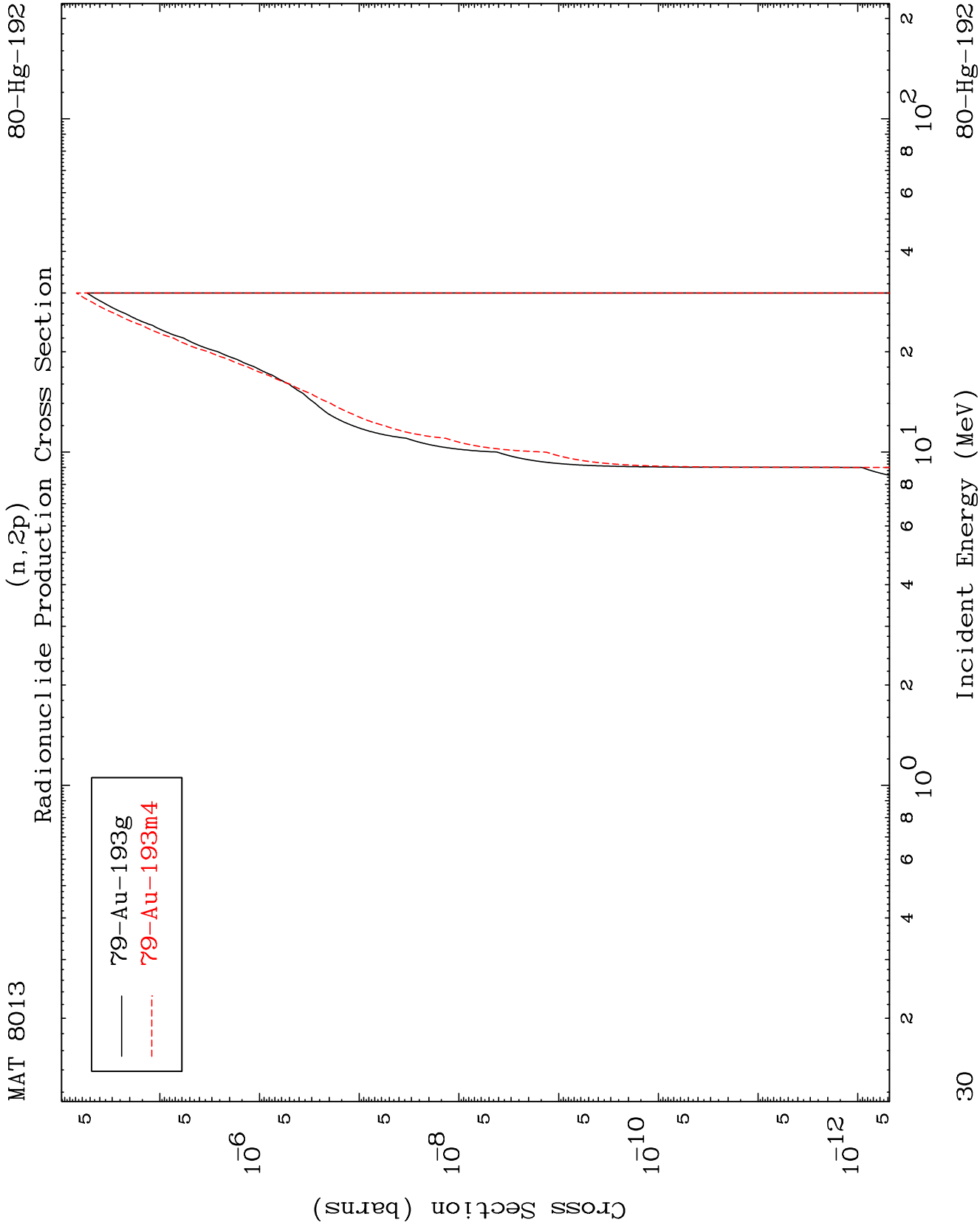
80-Hg-192

Incident Energy (MeV)

Radionuclide Production Cross Section
(n,He-3)



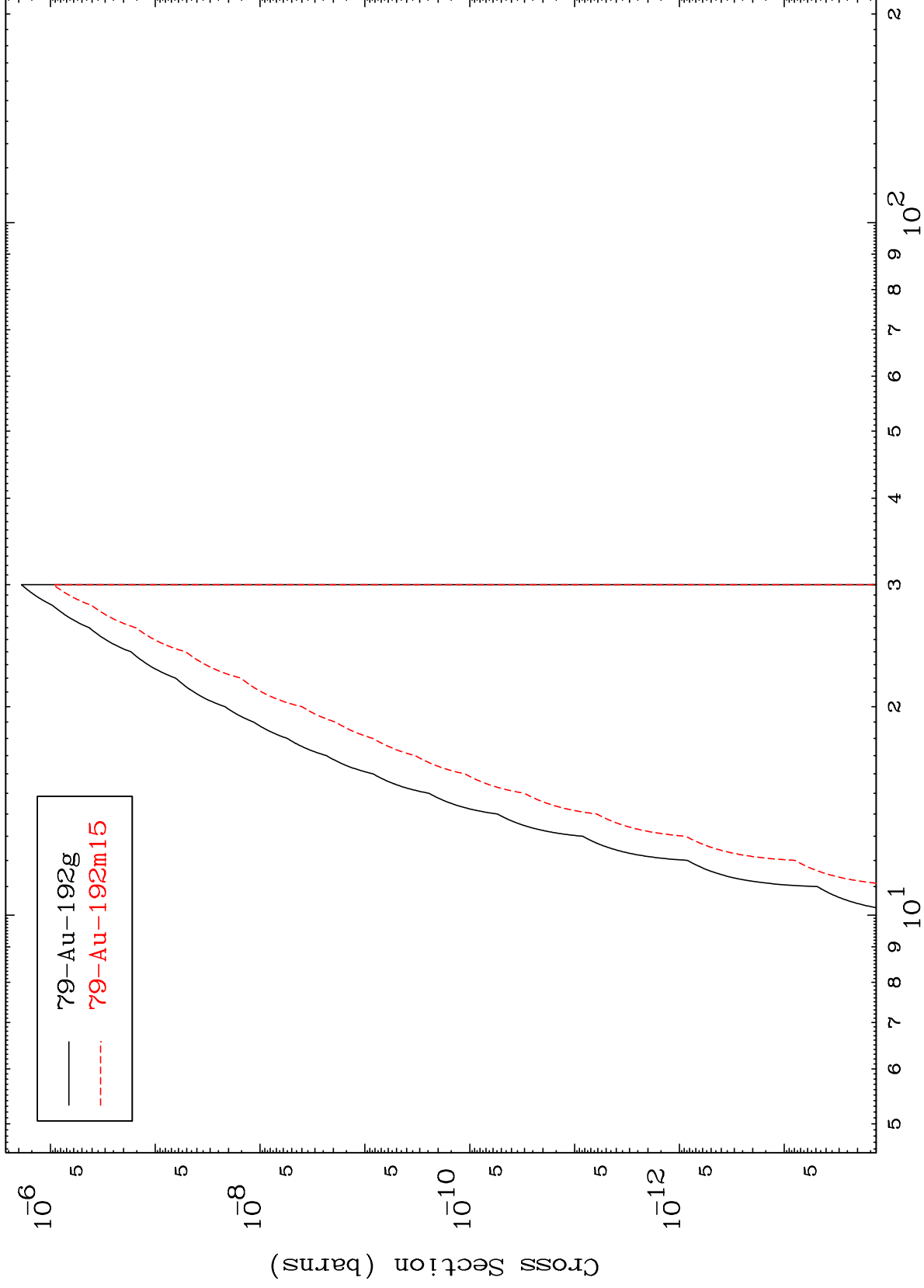




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80-Hg-192

(n,p) d
Radionuclide Production Cross Section



31

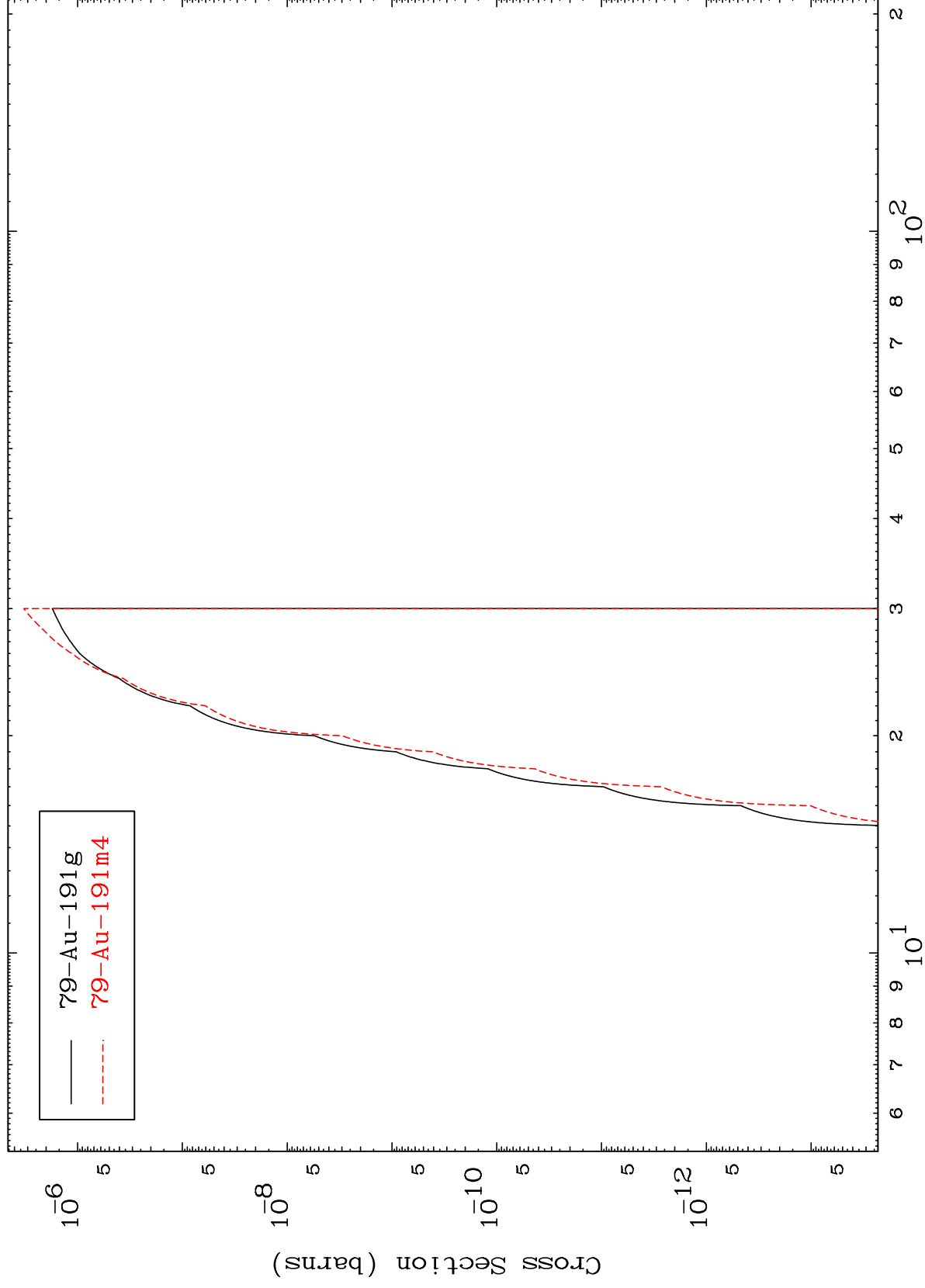
Incident Energy (MeV)

80-Hg-192

MAT 8013

80-Hg-192

(n,p) t
Radionuclide Production Cross Section



32

Incident Energy (MeV)

80-Hg-192