

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

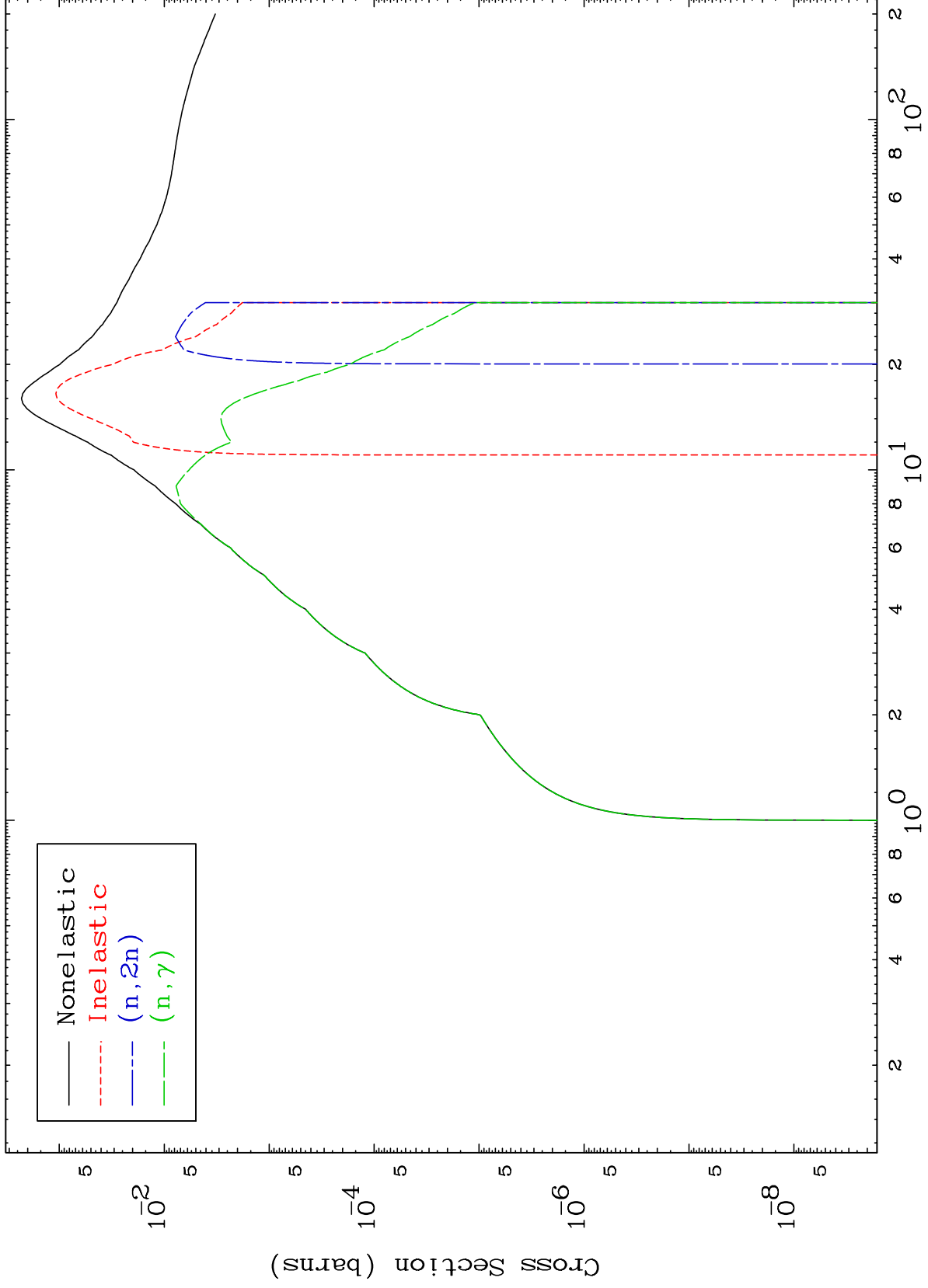
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4907

Photon Major
0 Kelvin Cross Sections

49-In-107

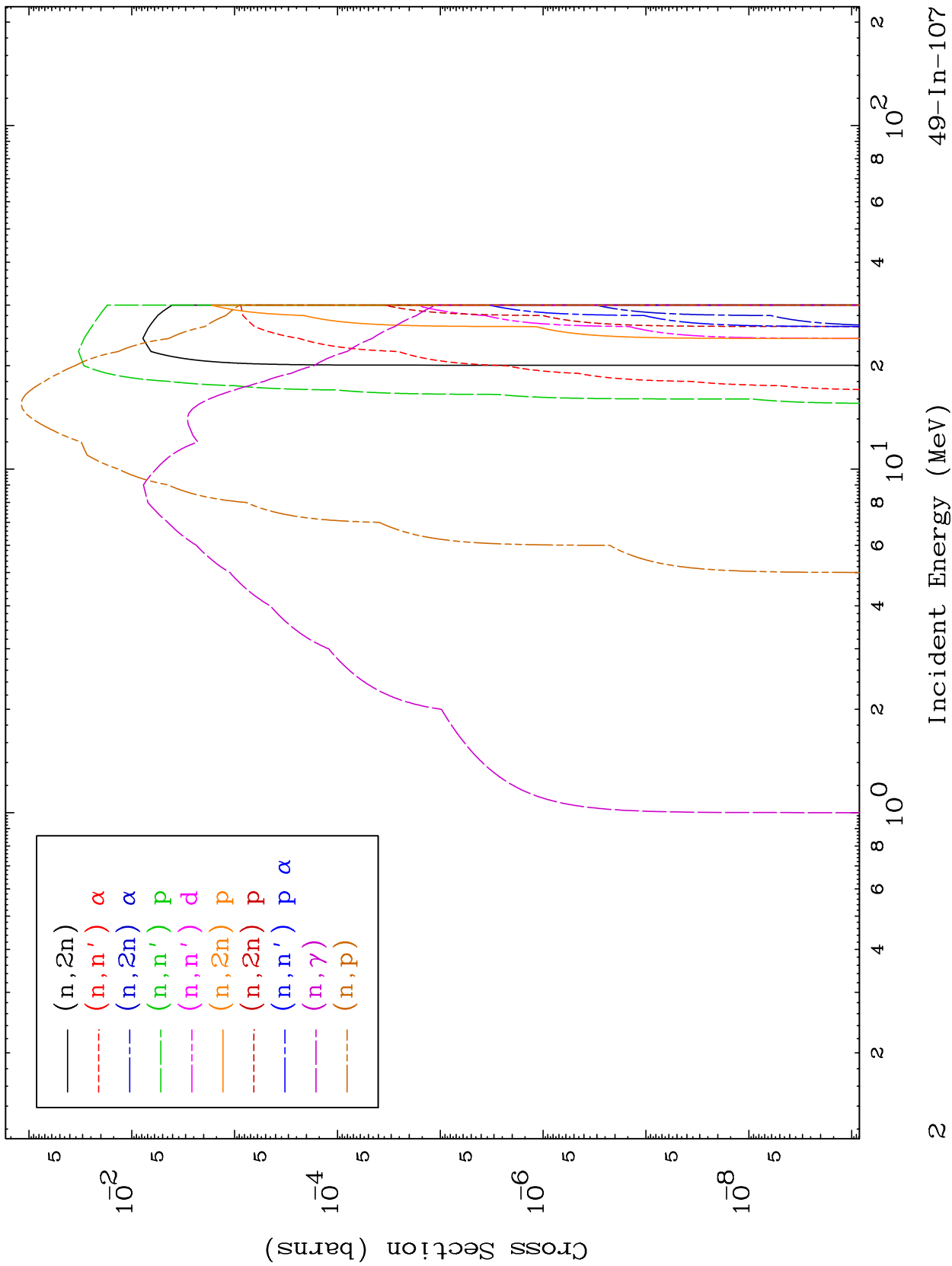


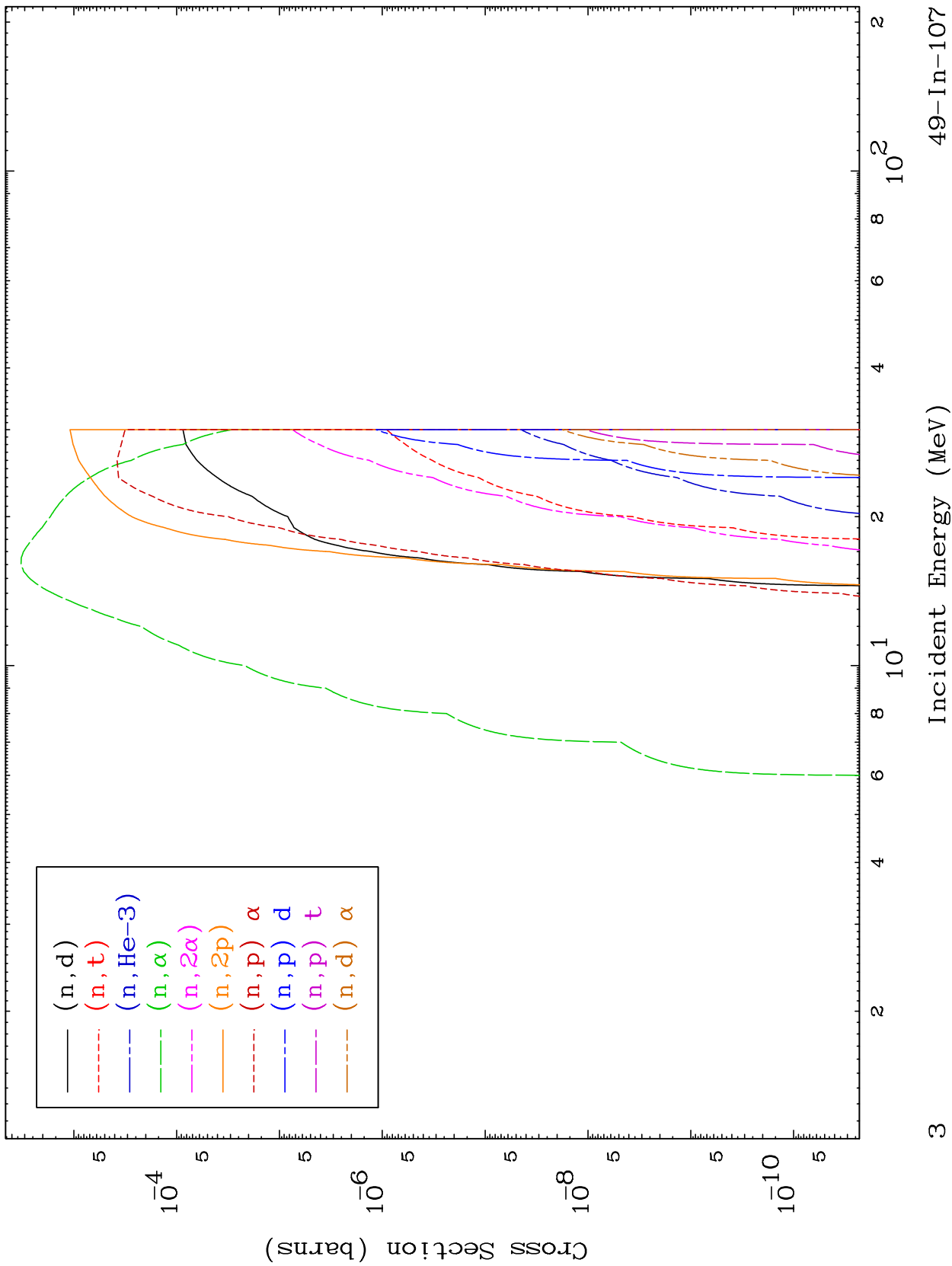
Legend:
— Nonelastic
- - - Inelastic
- · - (n, 2n)
- - - (n, γ)

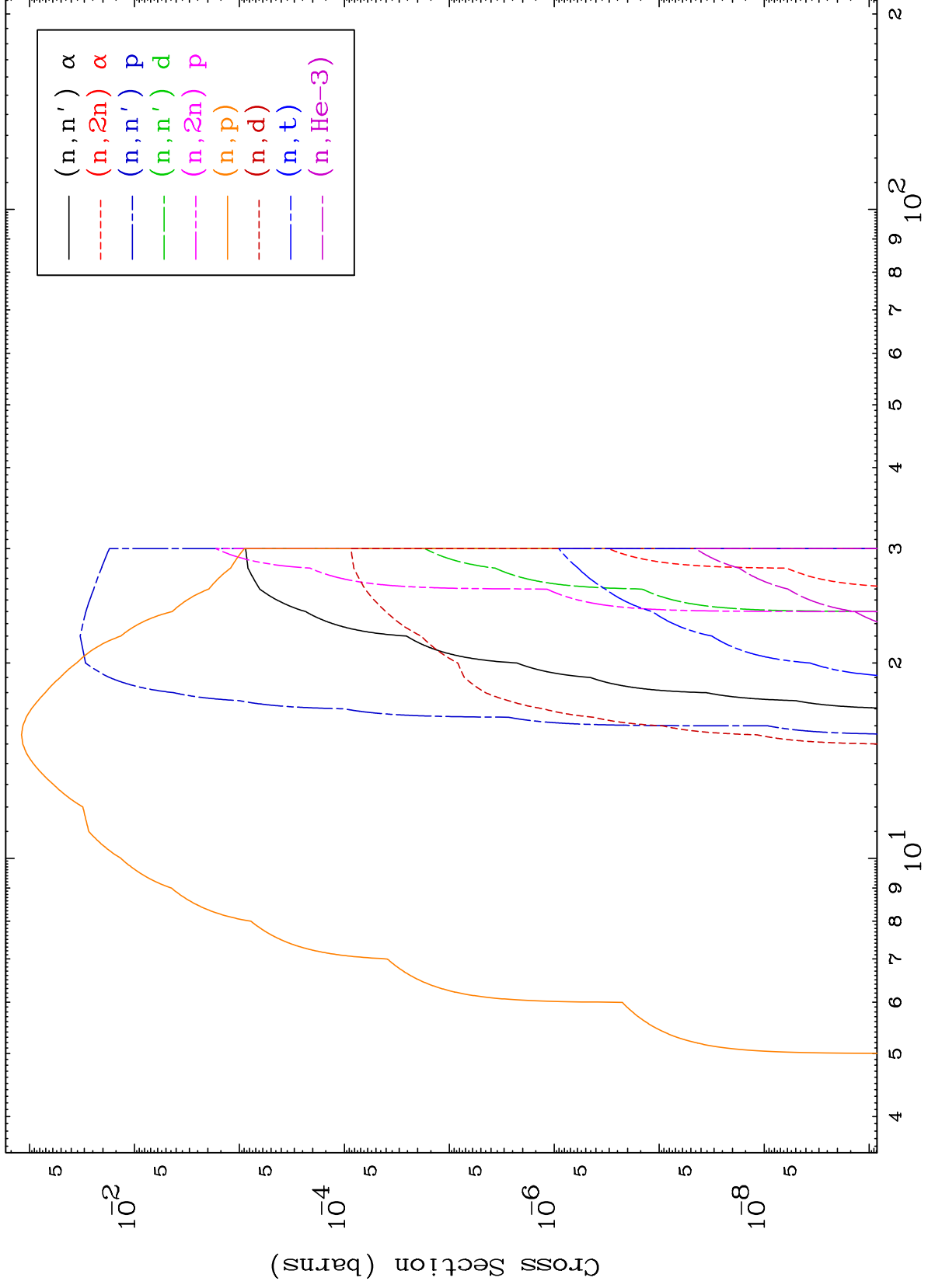
MAT 4907

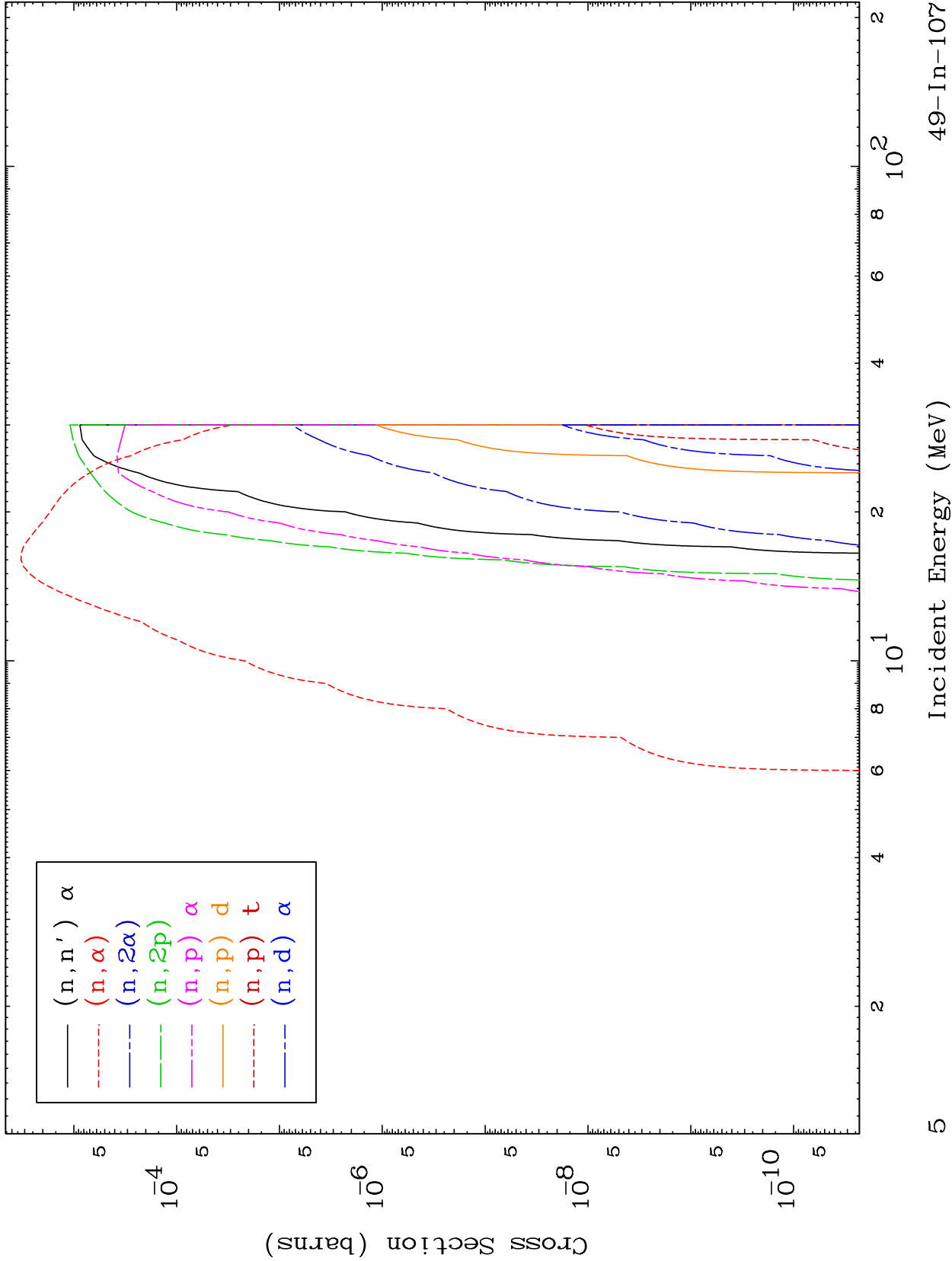
Photon Neutron Absorption
0 Kelvin Cross Sections

49-In-107





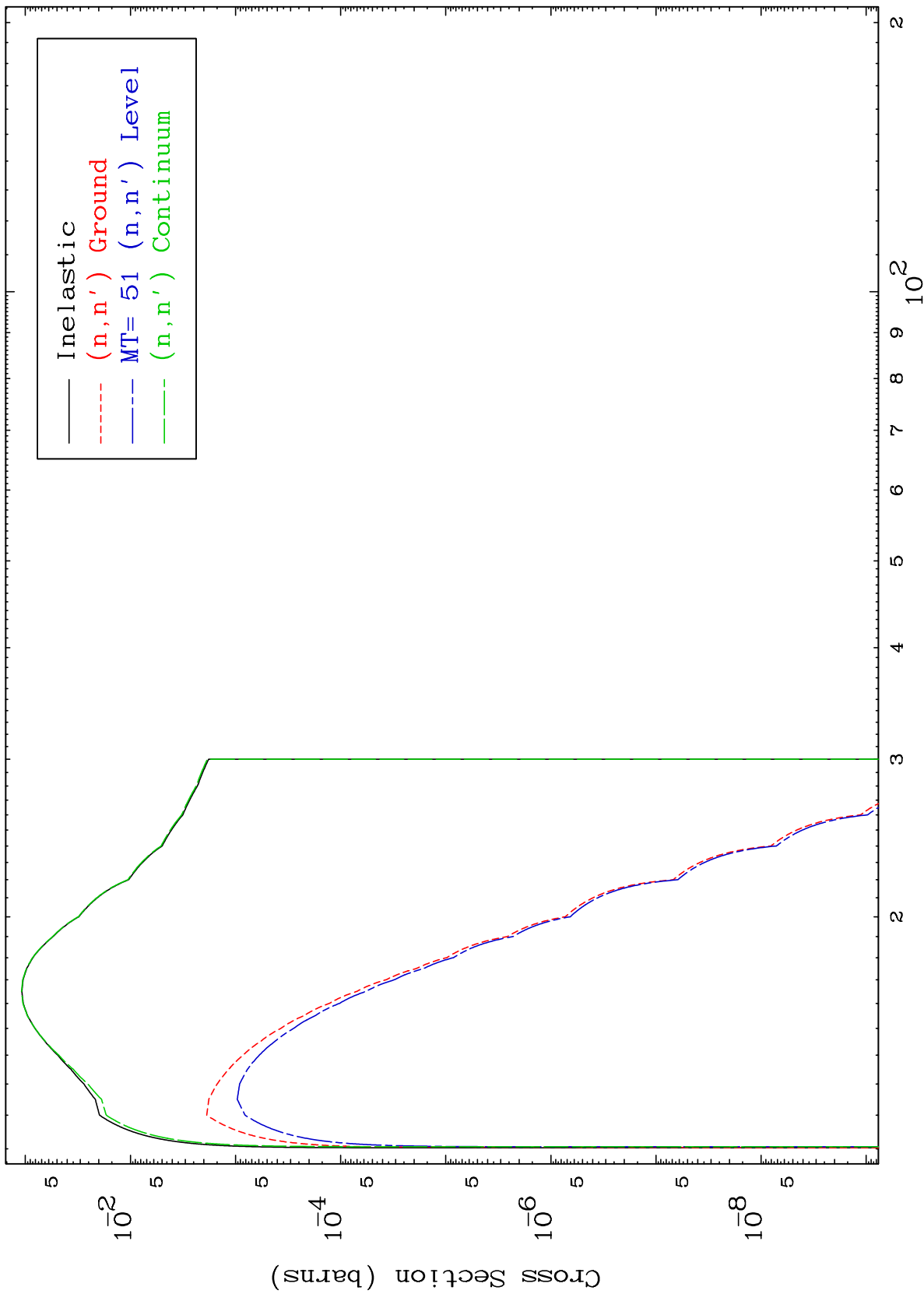




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49-In-107

(γ, n') Levels
0 Kelvin Cross Sections



49-In-107

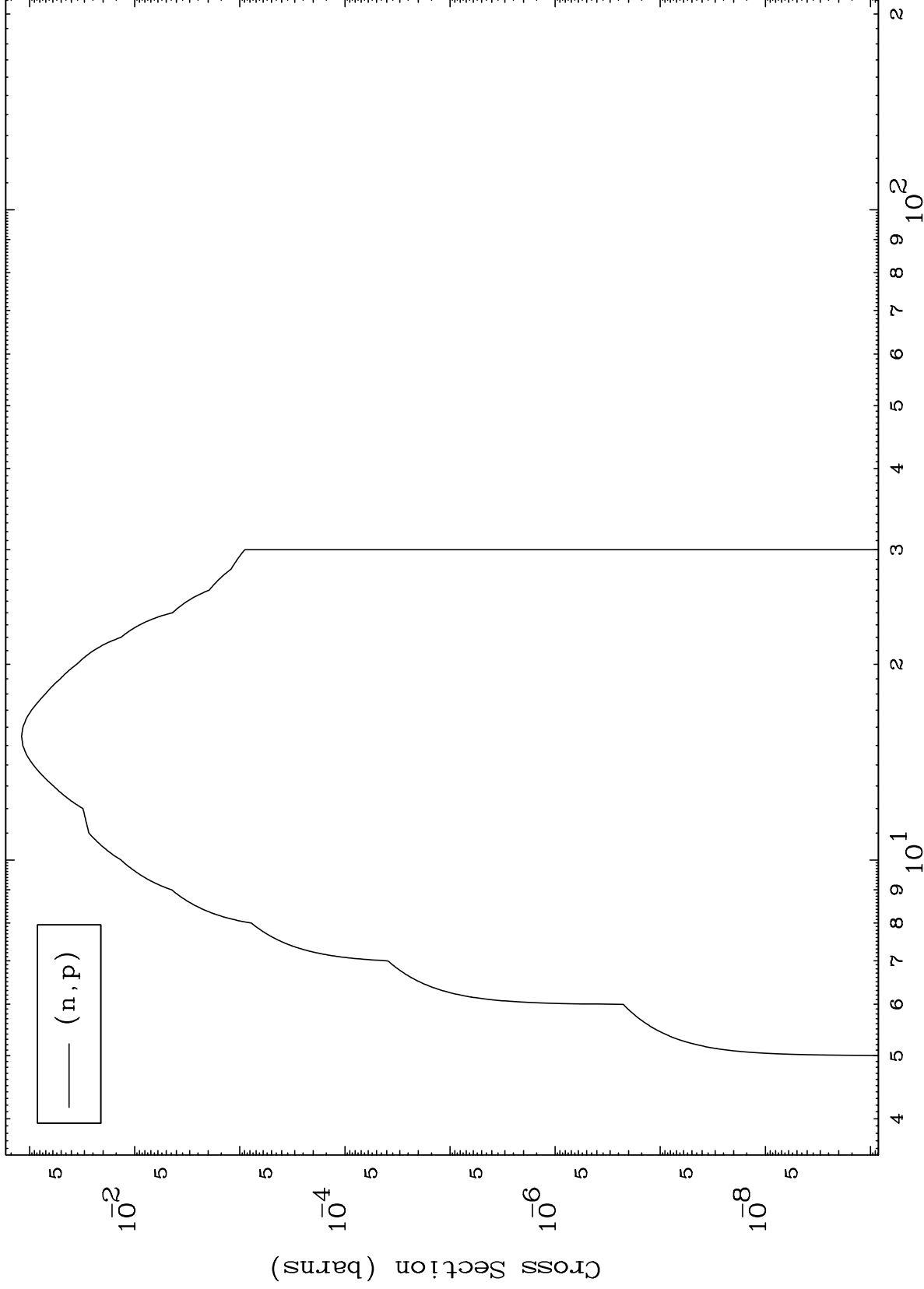
Incident Energy (MeV)

6

MAT 4907

(γ, p) Levels
0 Kelvin Cross Sections

49-In-107



7

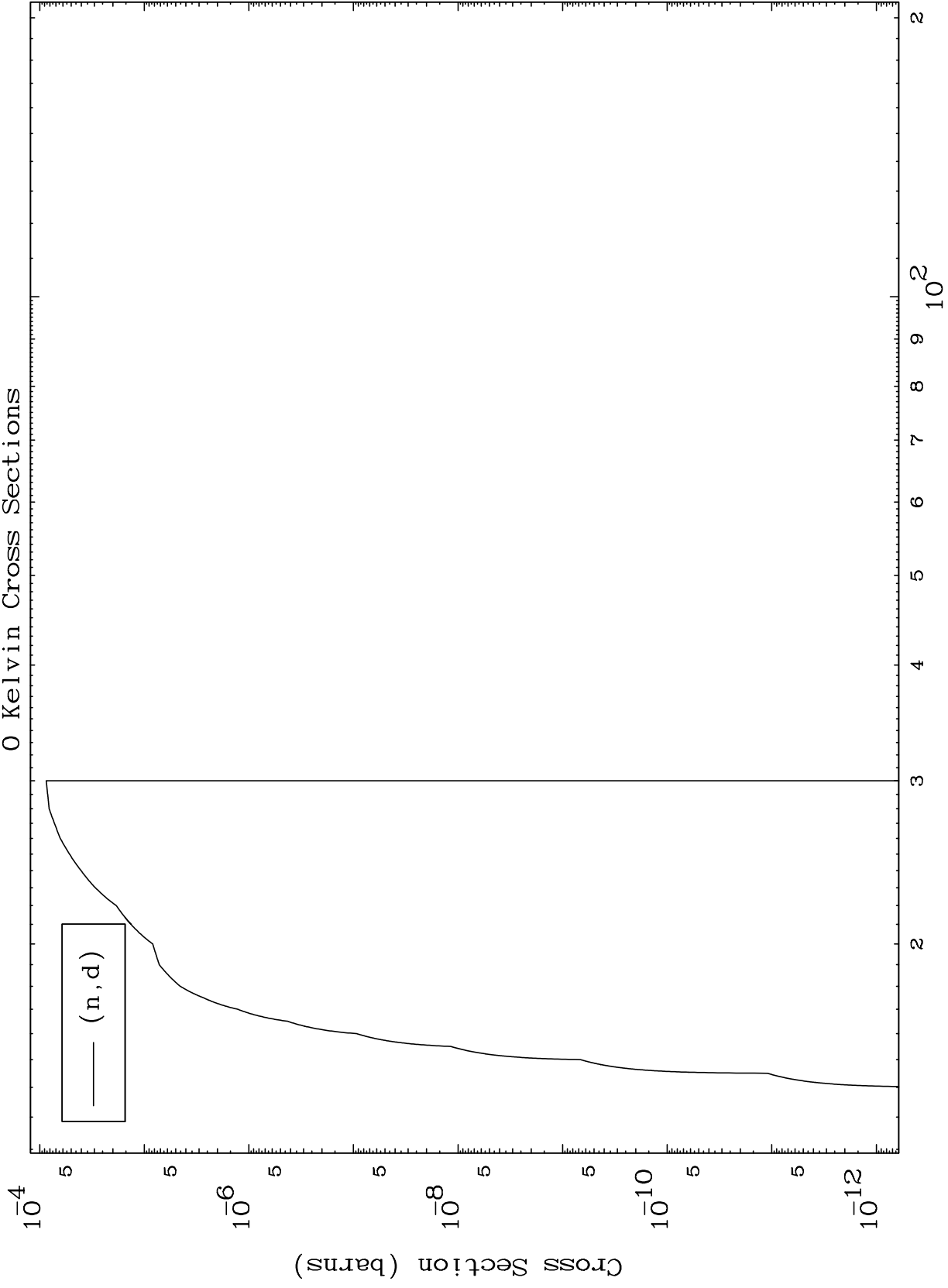
Incident Energy (MeV)

49-In-107

MAT 4907

(γ, d) Levels
0 Kelvin Cross Sections

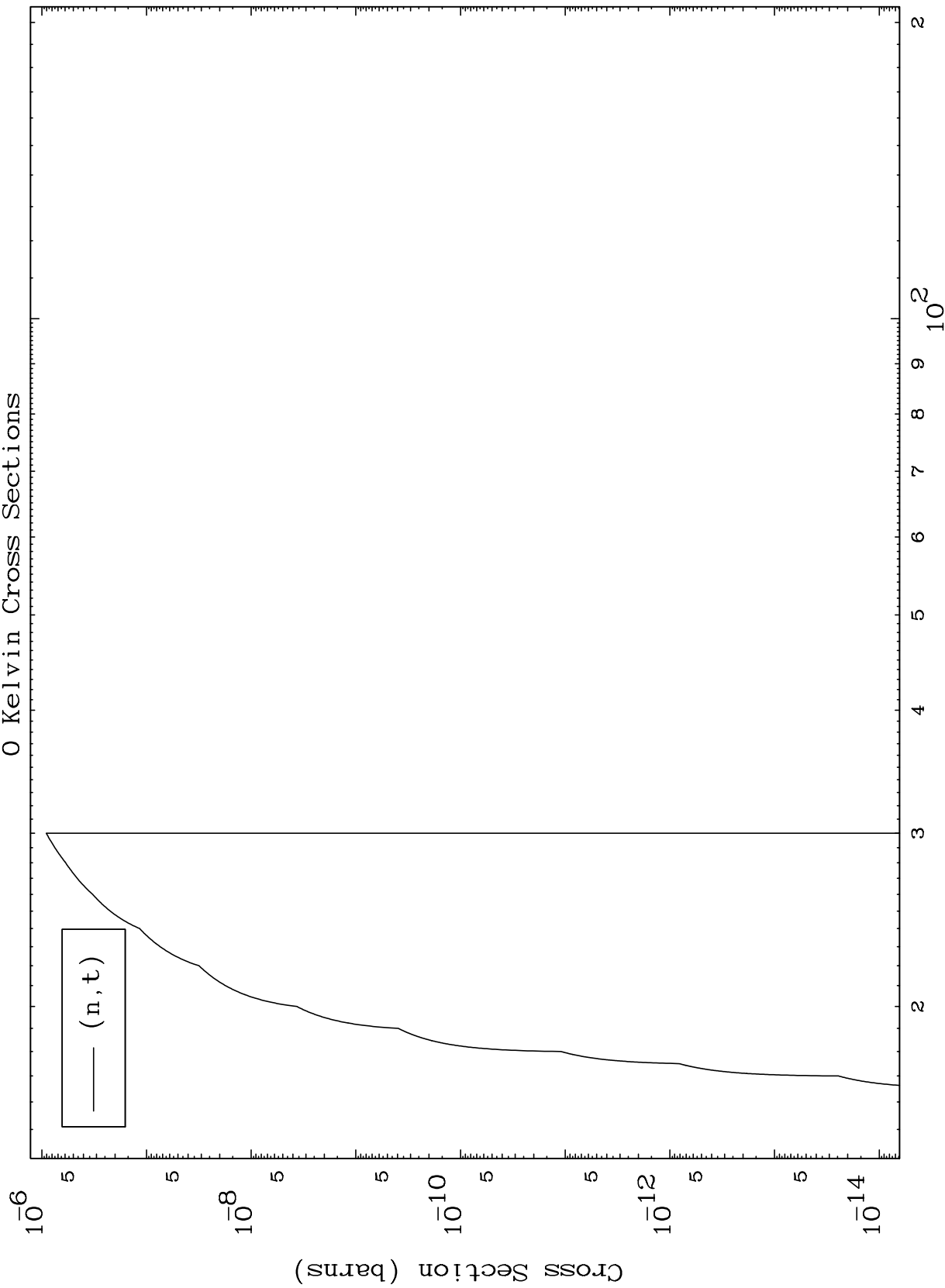
49-In-107



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49-In-107

(γ, t) Levels
0 Kelvin Cross Sections



49-In-107

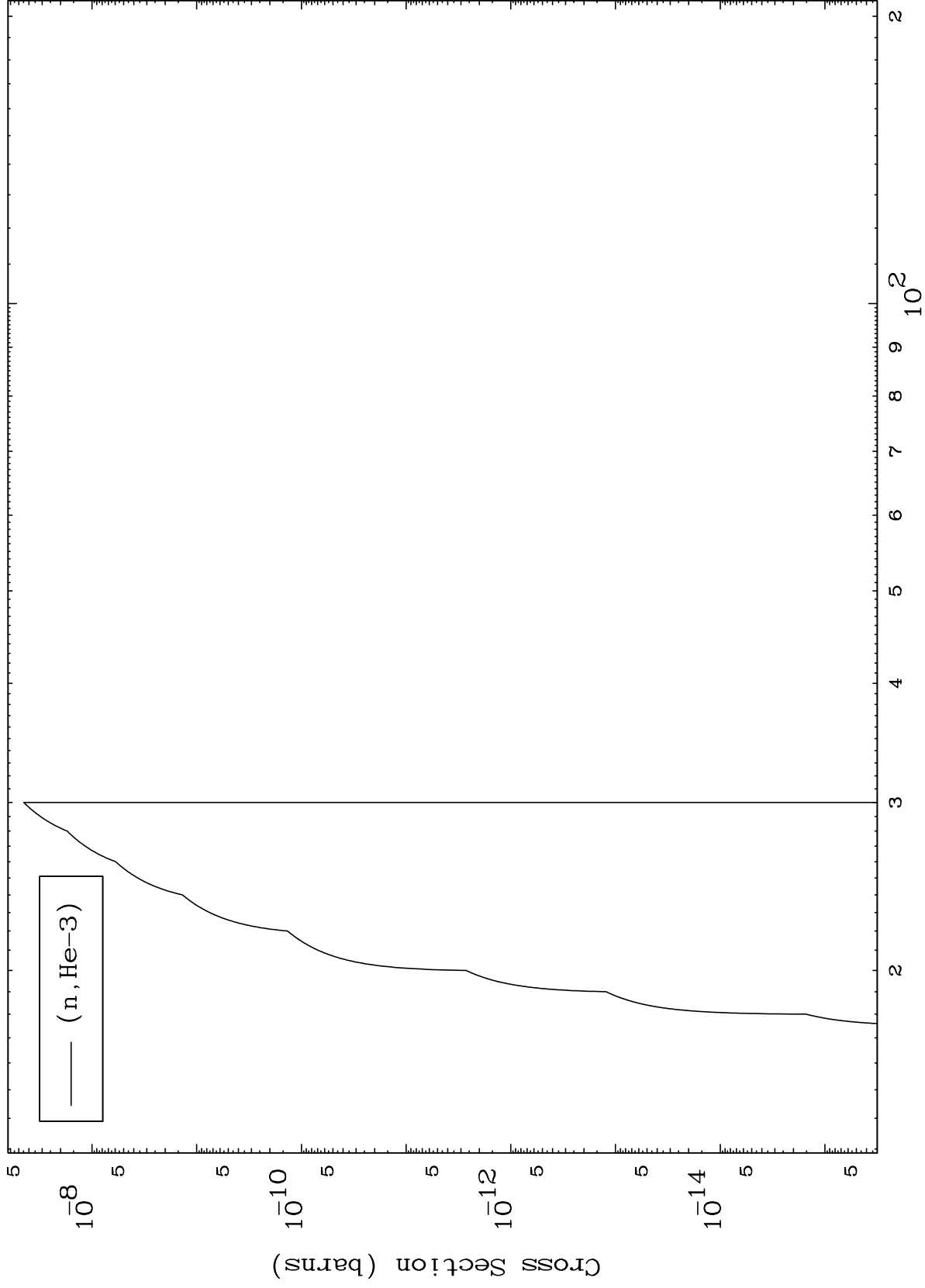
Incident Energy (MeV)

9

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(γ ,He3) Levels
0 Kelvin Cross Sections

49-In-107



10

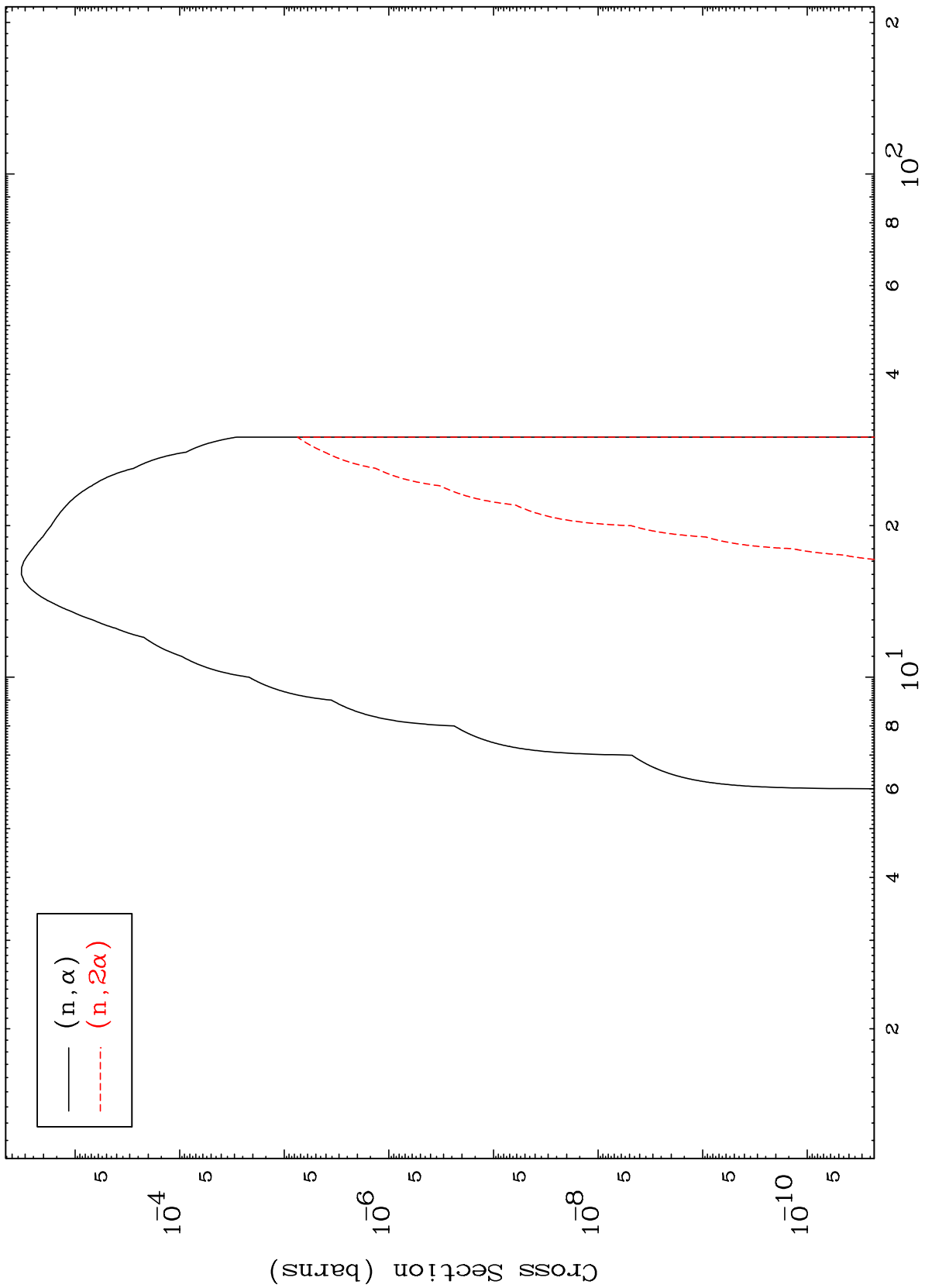
Incident Energy (MeV)

49-In-107

MAT 4907

49-In-107

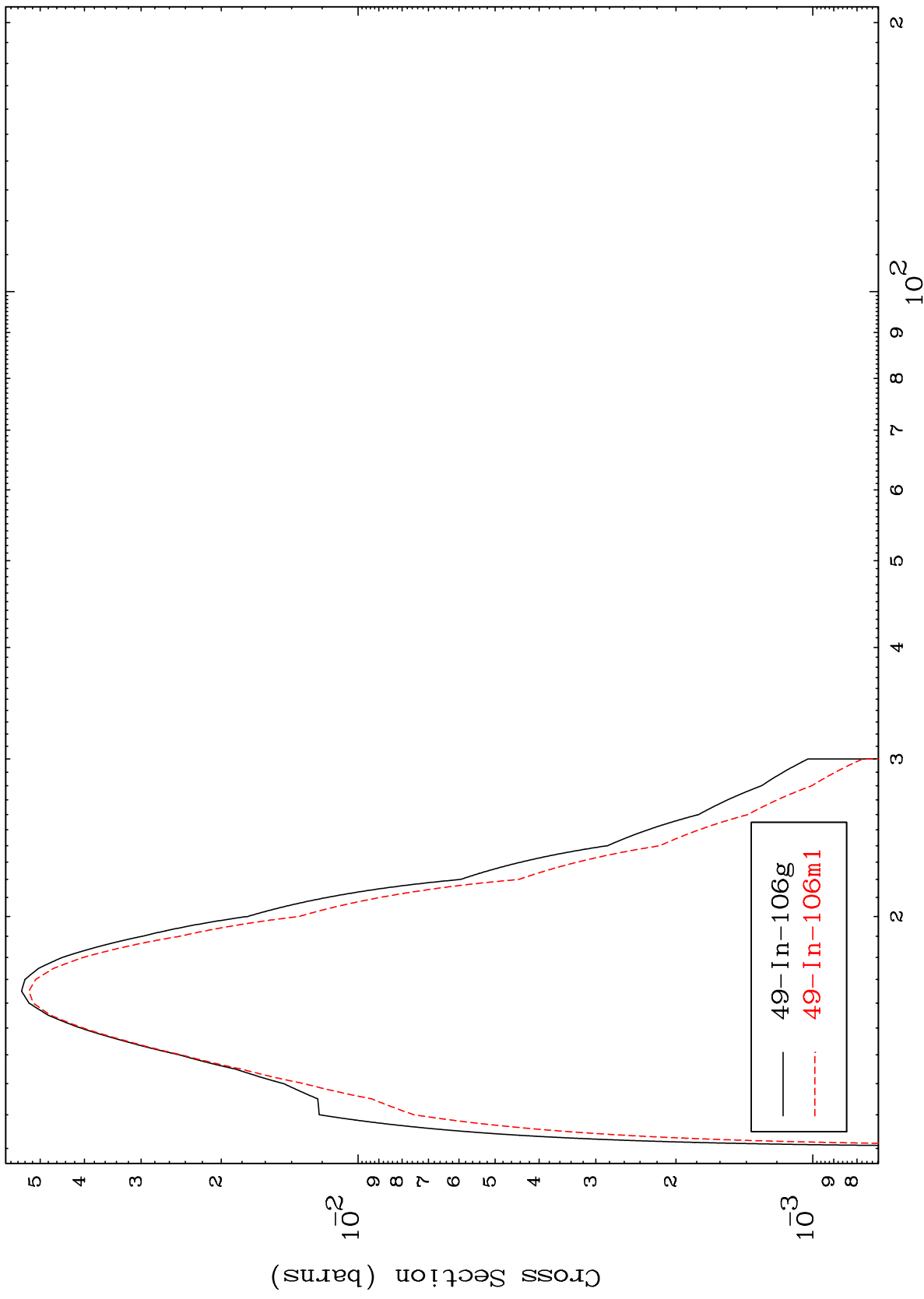
(γ, α) Levels
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

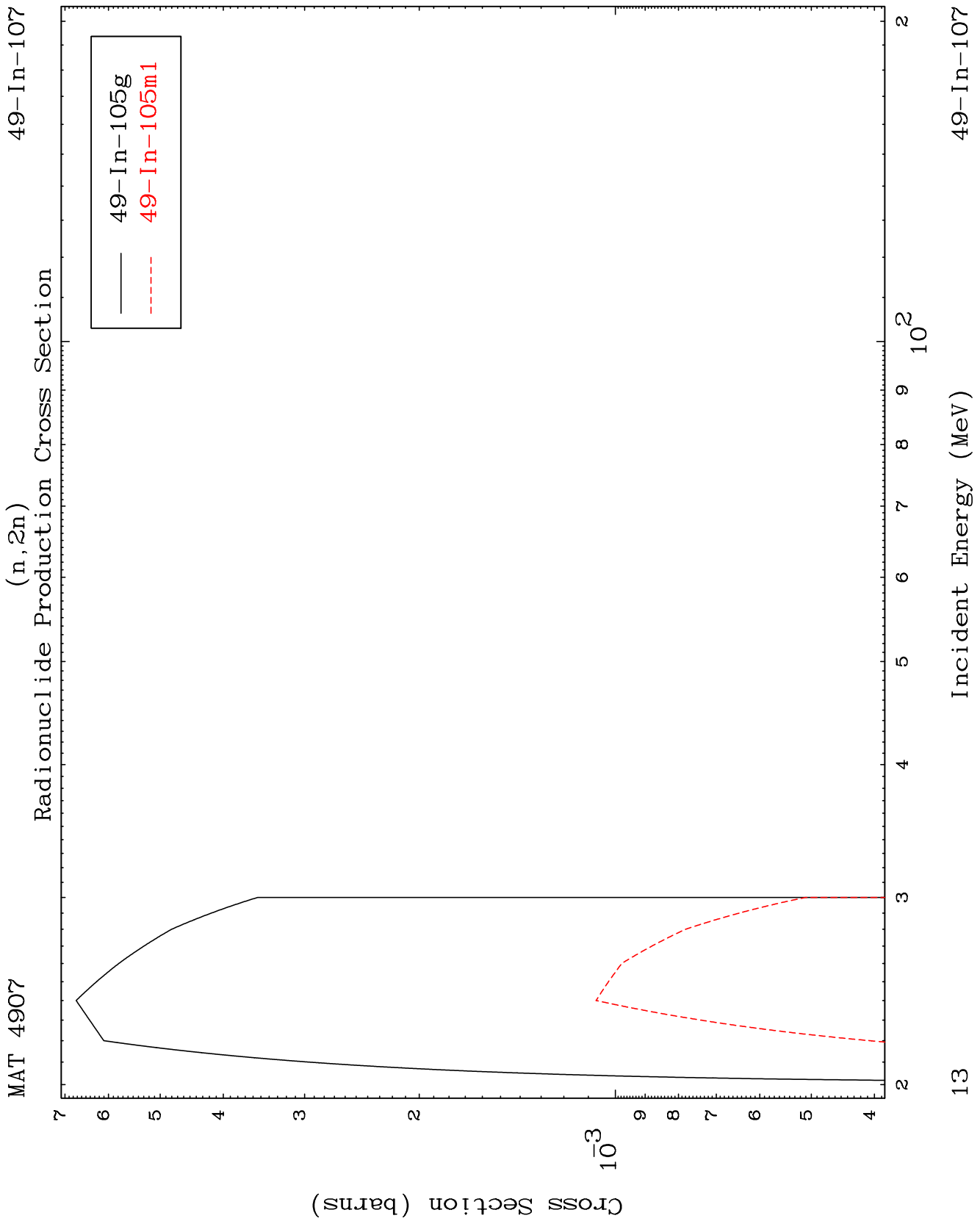
49-In-107



12

Incident Energy (MeV)

49-In-107

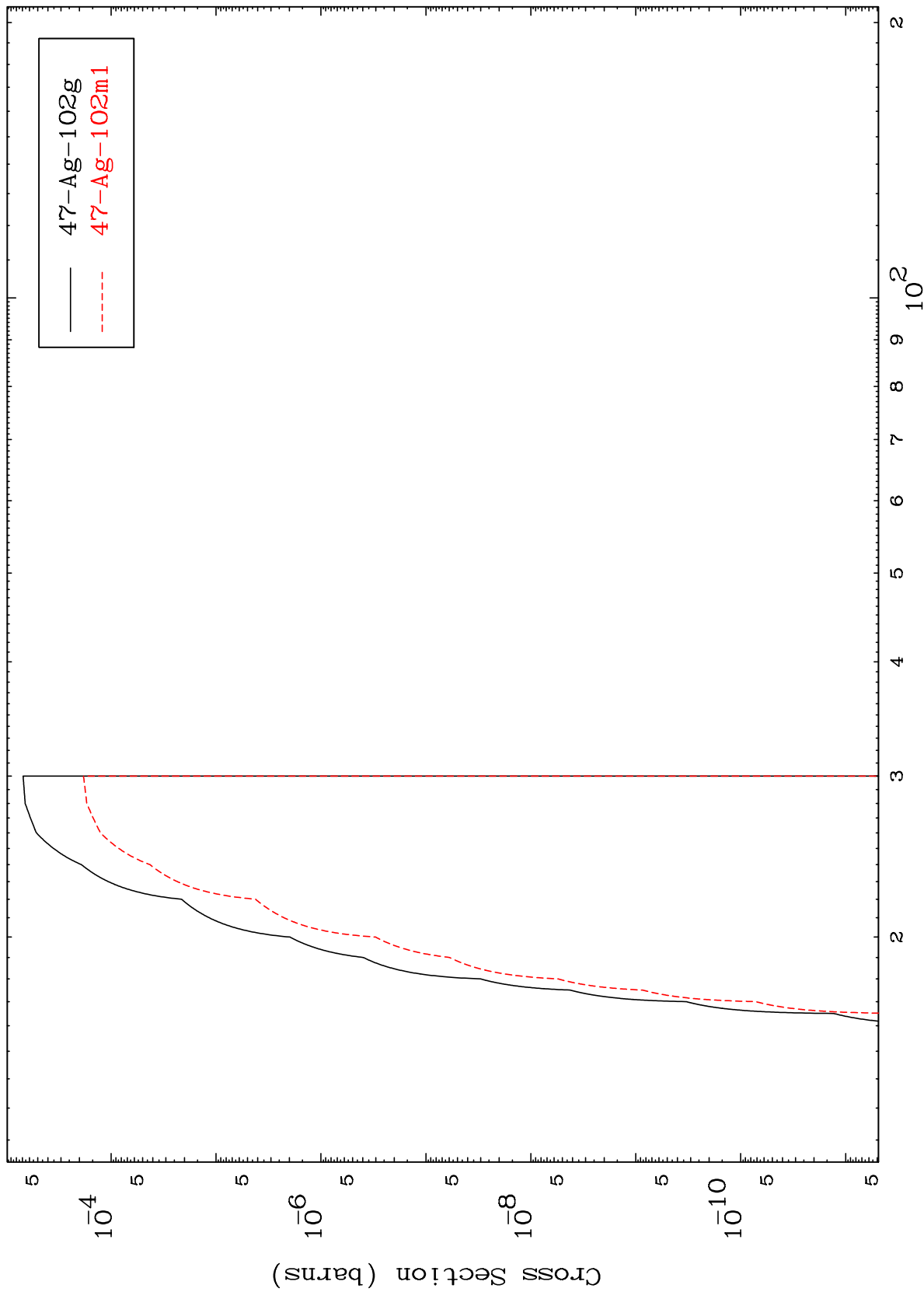


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(n,n') α

49-In-107

Radionuclide Production Cross Section



14

Incident Energy (MeV)

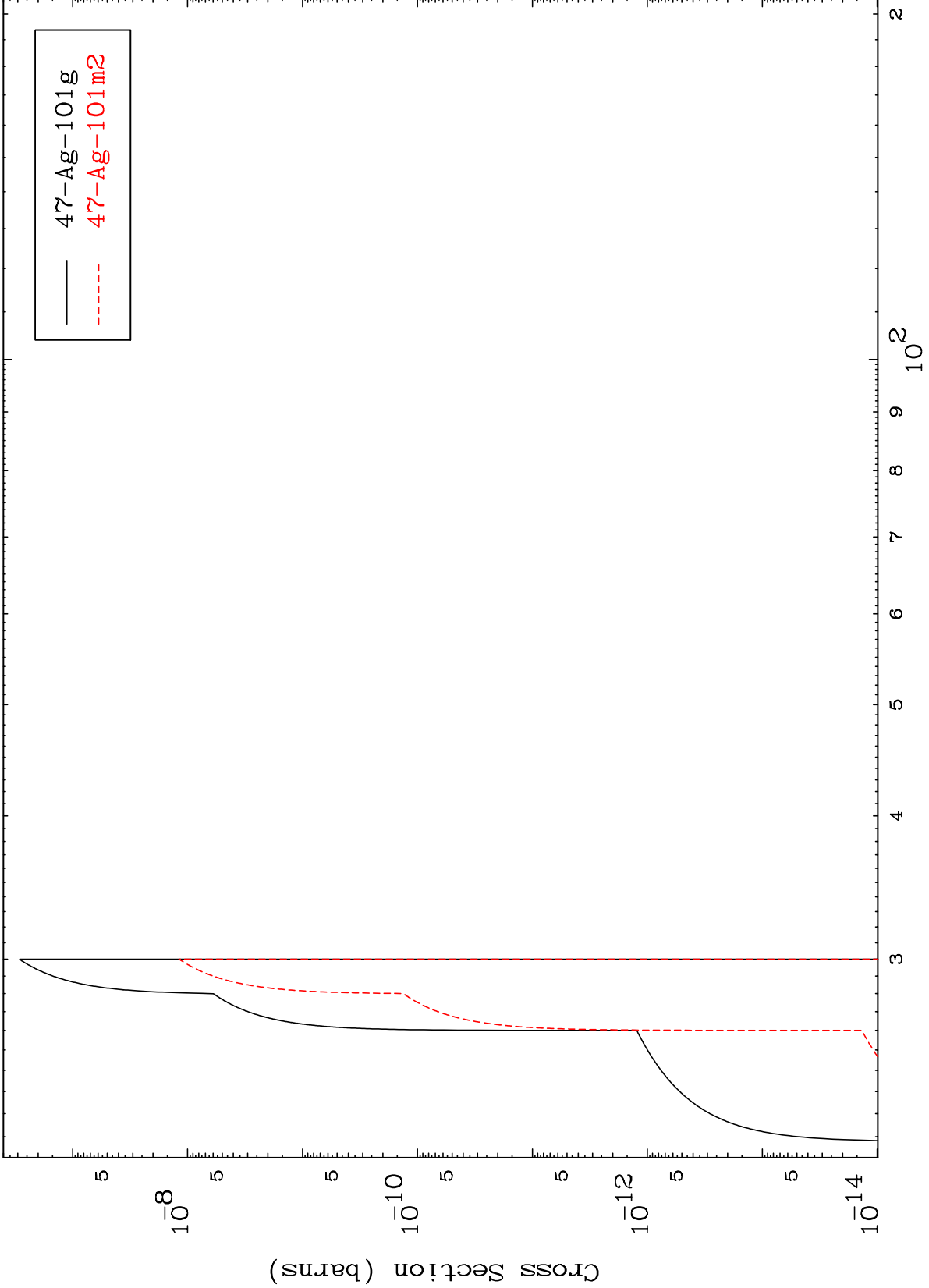
49-In-107

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(n,2n) α

49-In-107

Radionuclide Production Cross Section



15

Incident Energy (MeV)

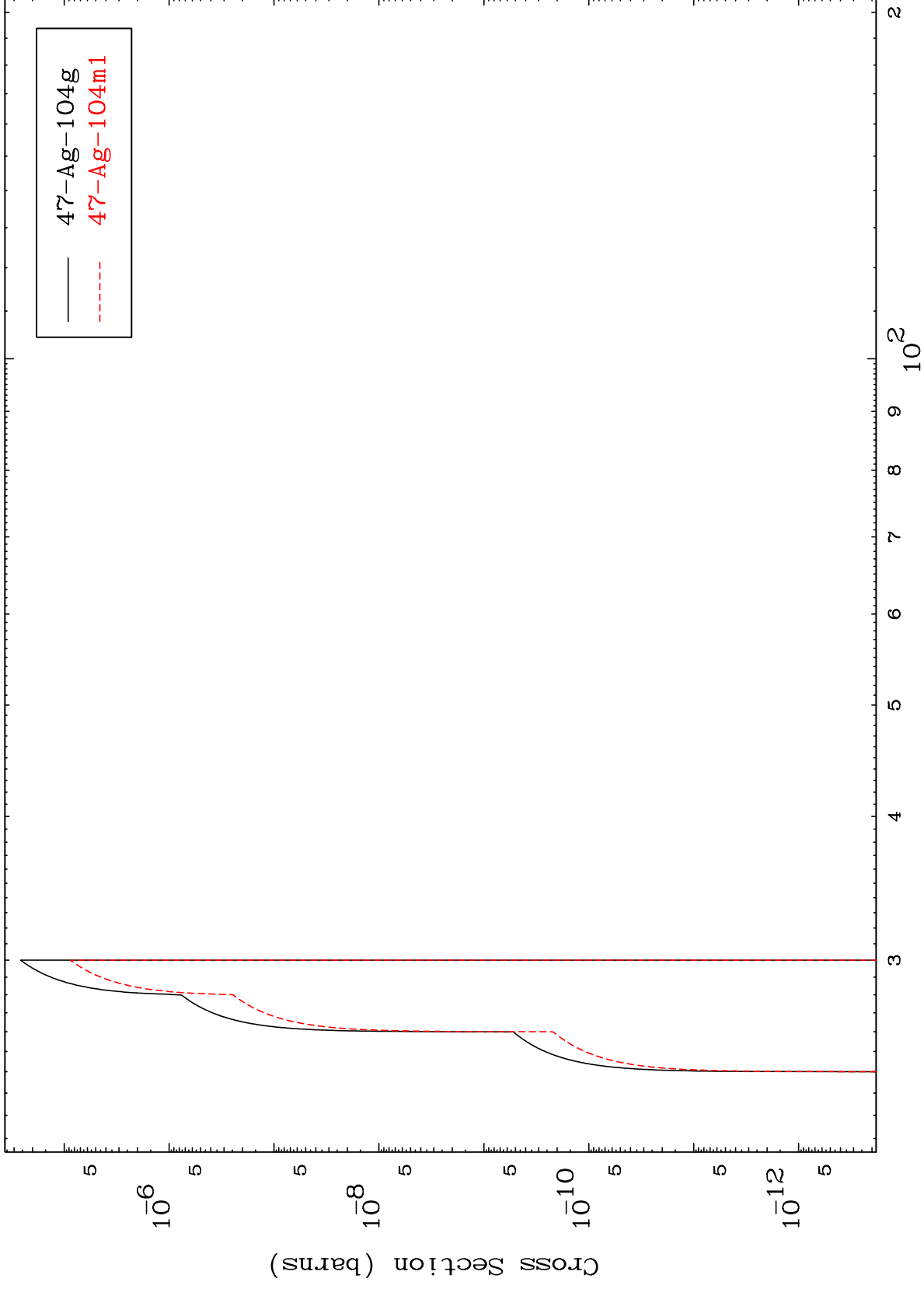
49-In-107

MAT 4907

(n,2n) p

49-In-107

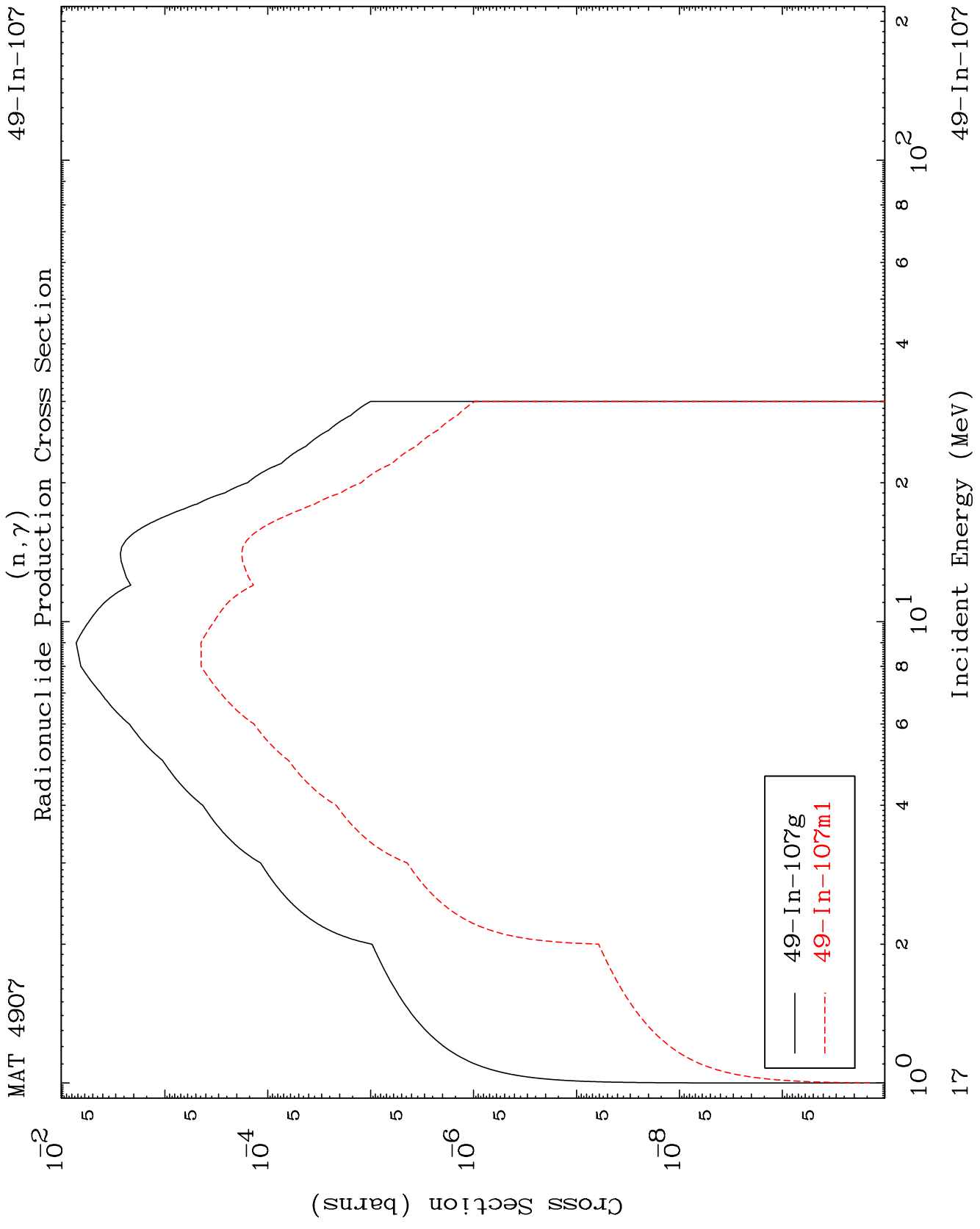
Radionuclide Production Cross Section



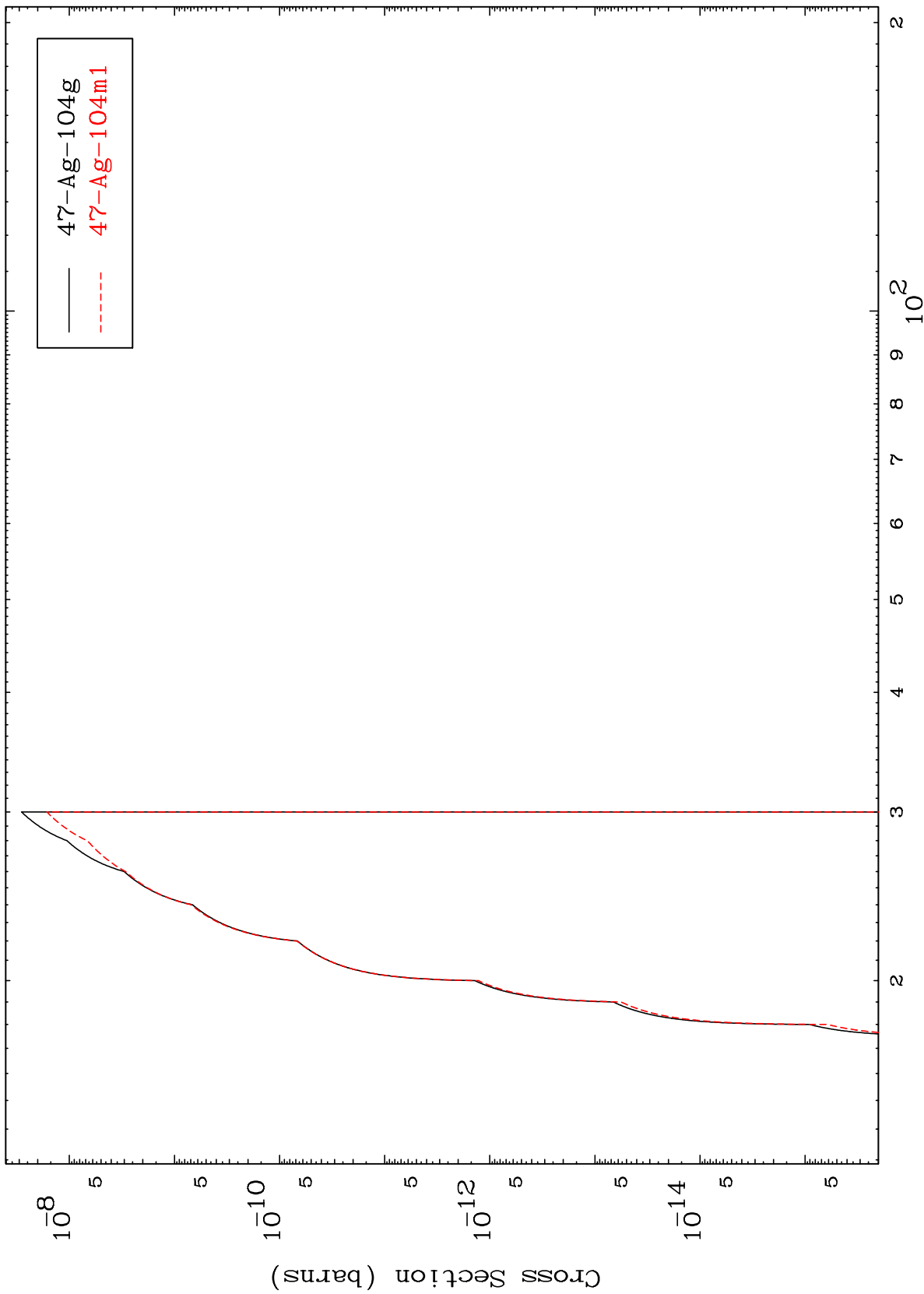
16

Incident Energy (MeV)

49-In-107



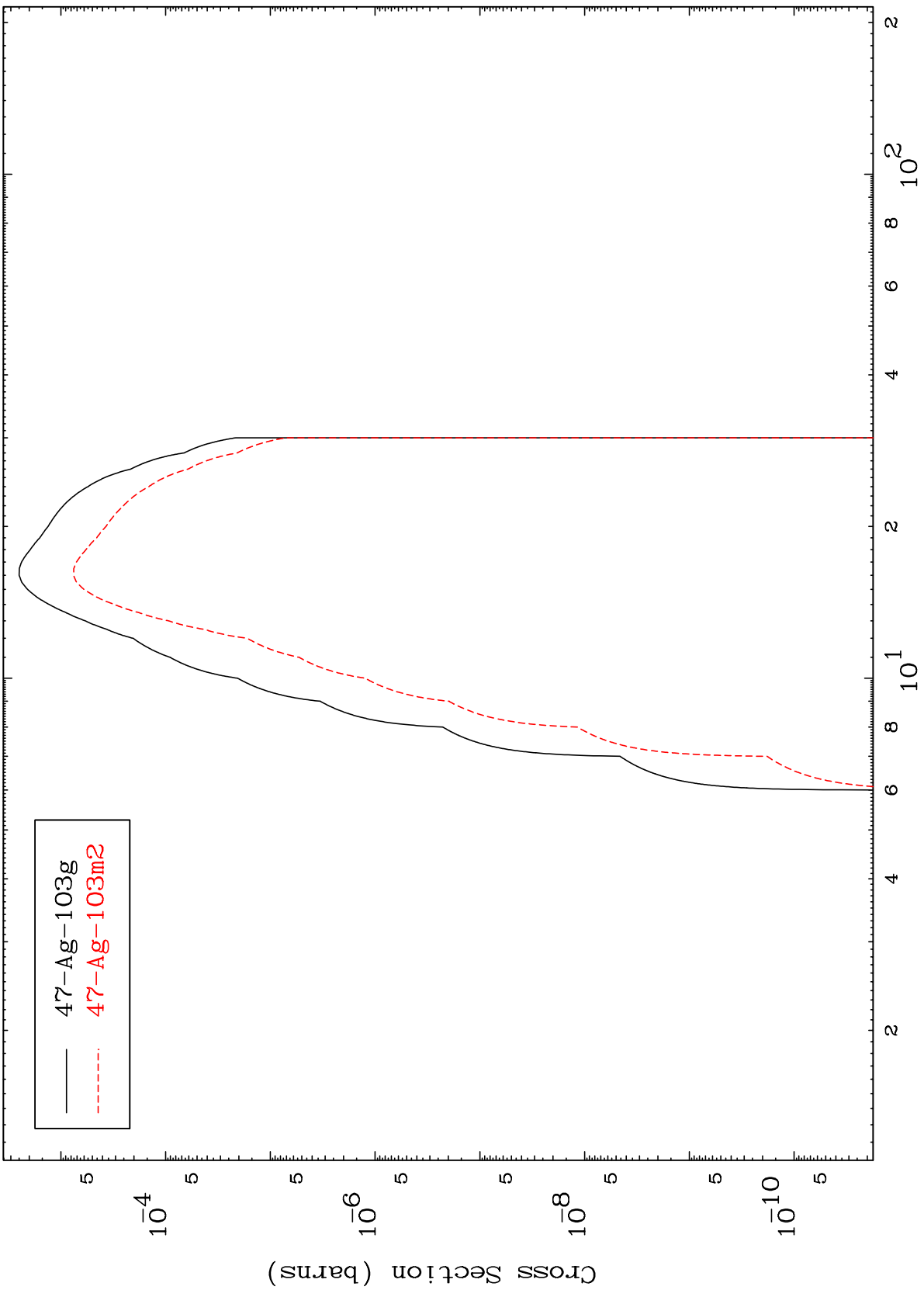
(n,He-3)
Radionuclide Production Cross Section



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49-In-107

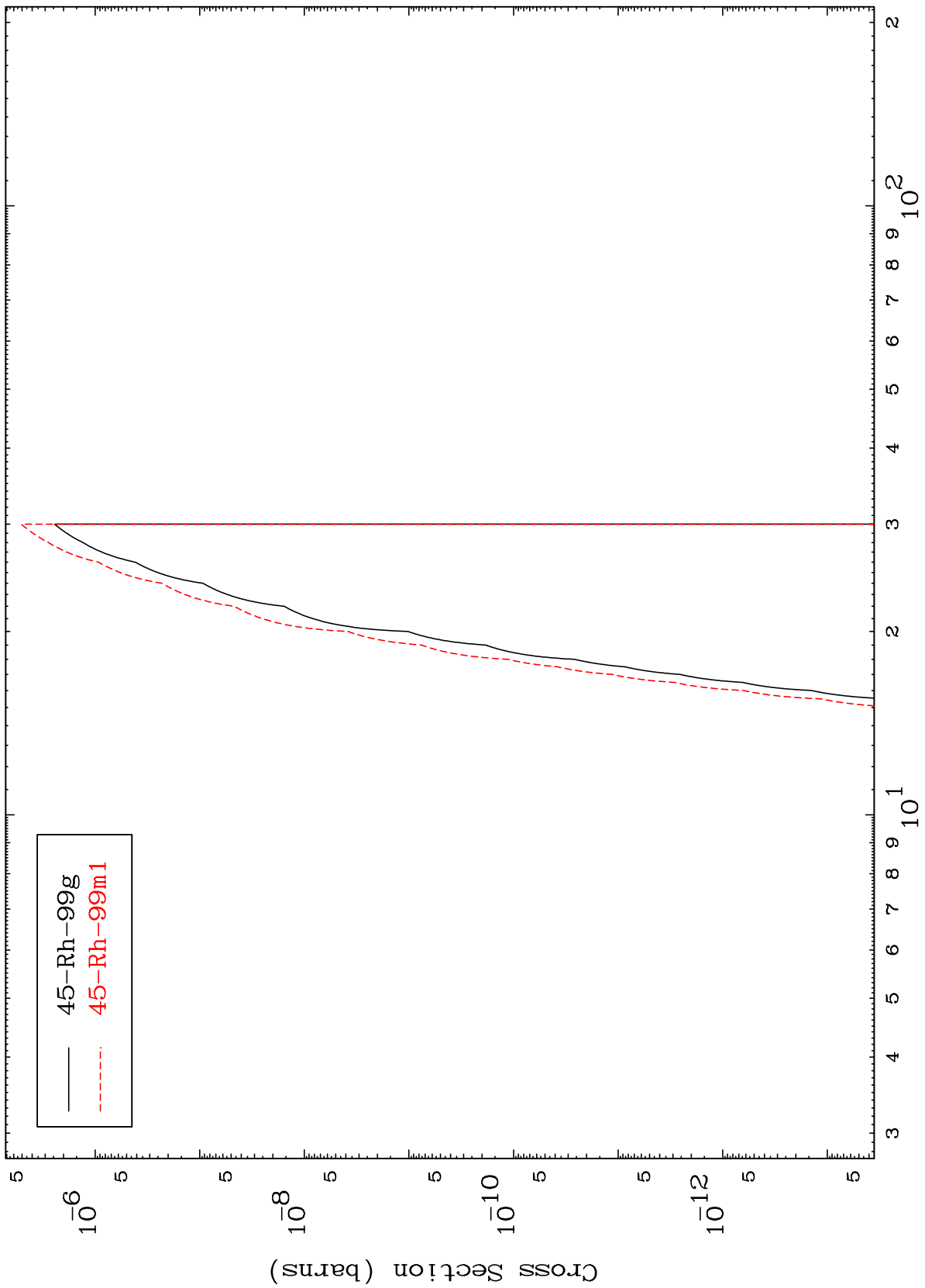
Radionuclide Production Cross Section



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49-In-107

Radionuclide Production Cross Section
(n,2α)

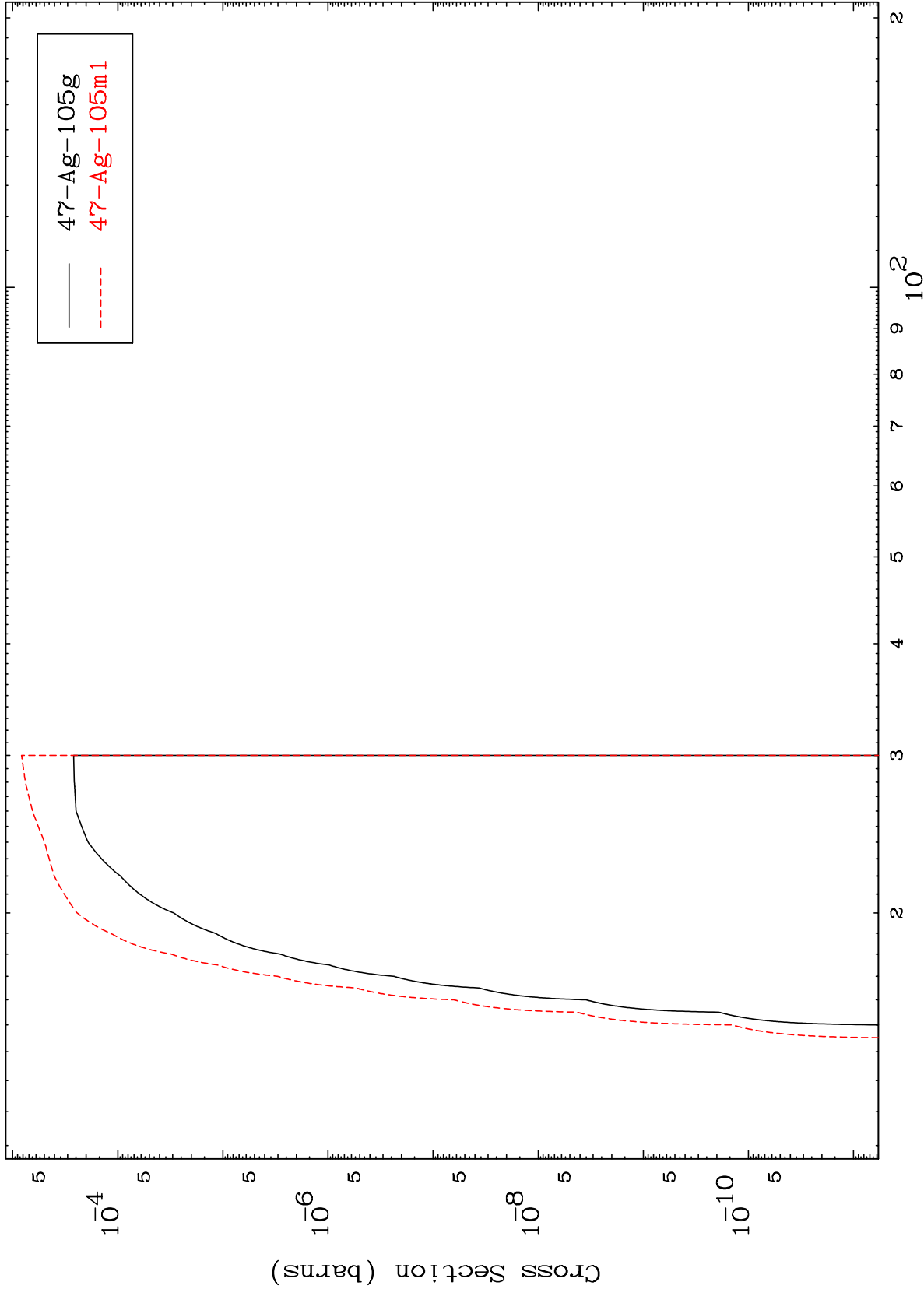


20

Incident Energy (MeV)

49-In-107

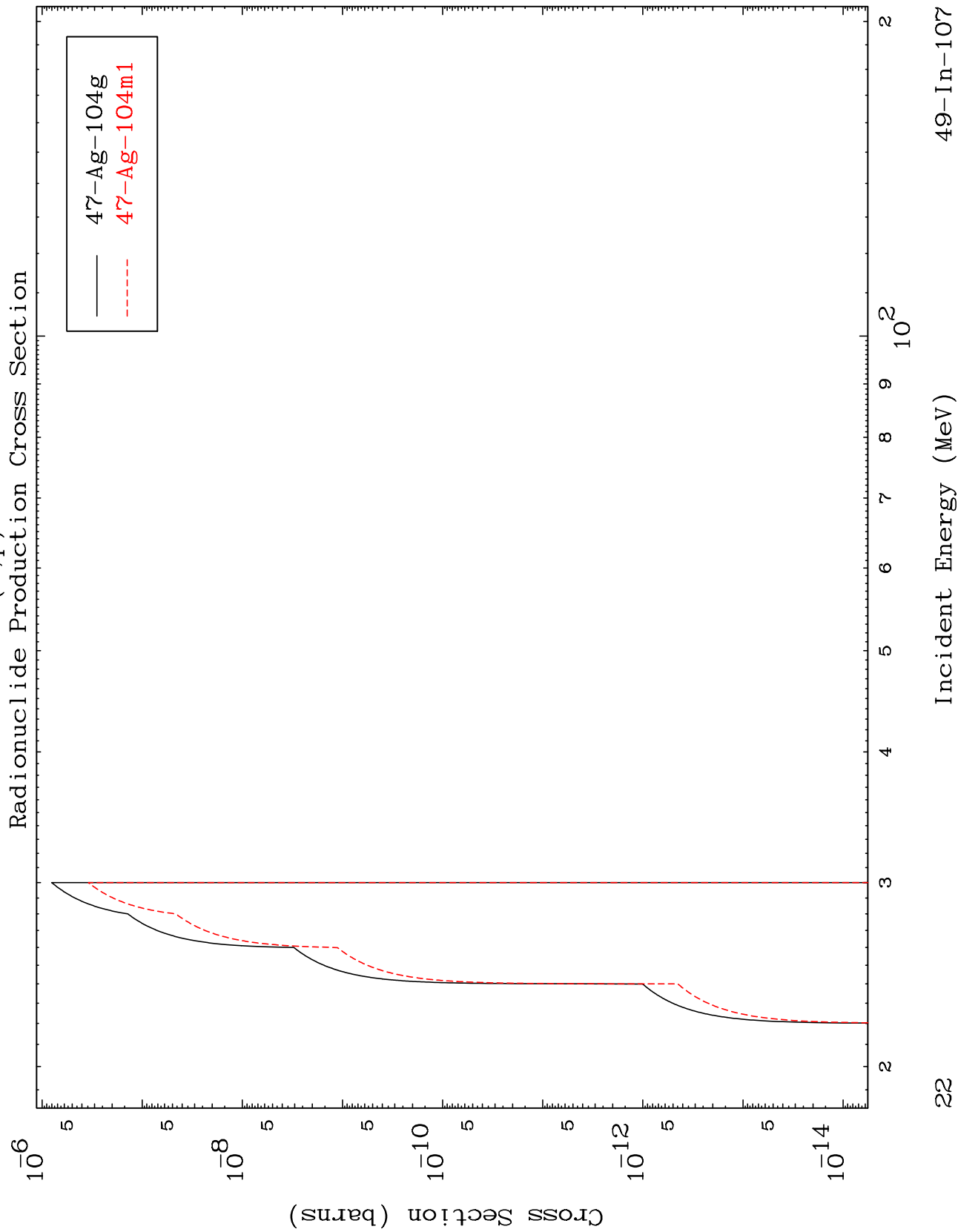
(n,2p)
Radionuclide Production Cross Section



MAT 4907

(n,p) d

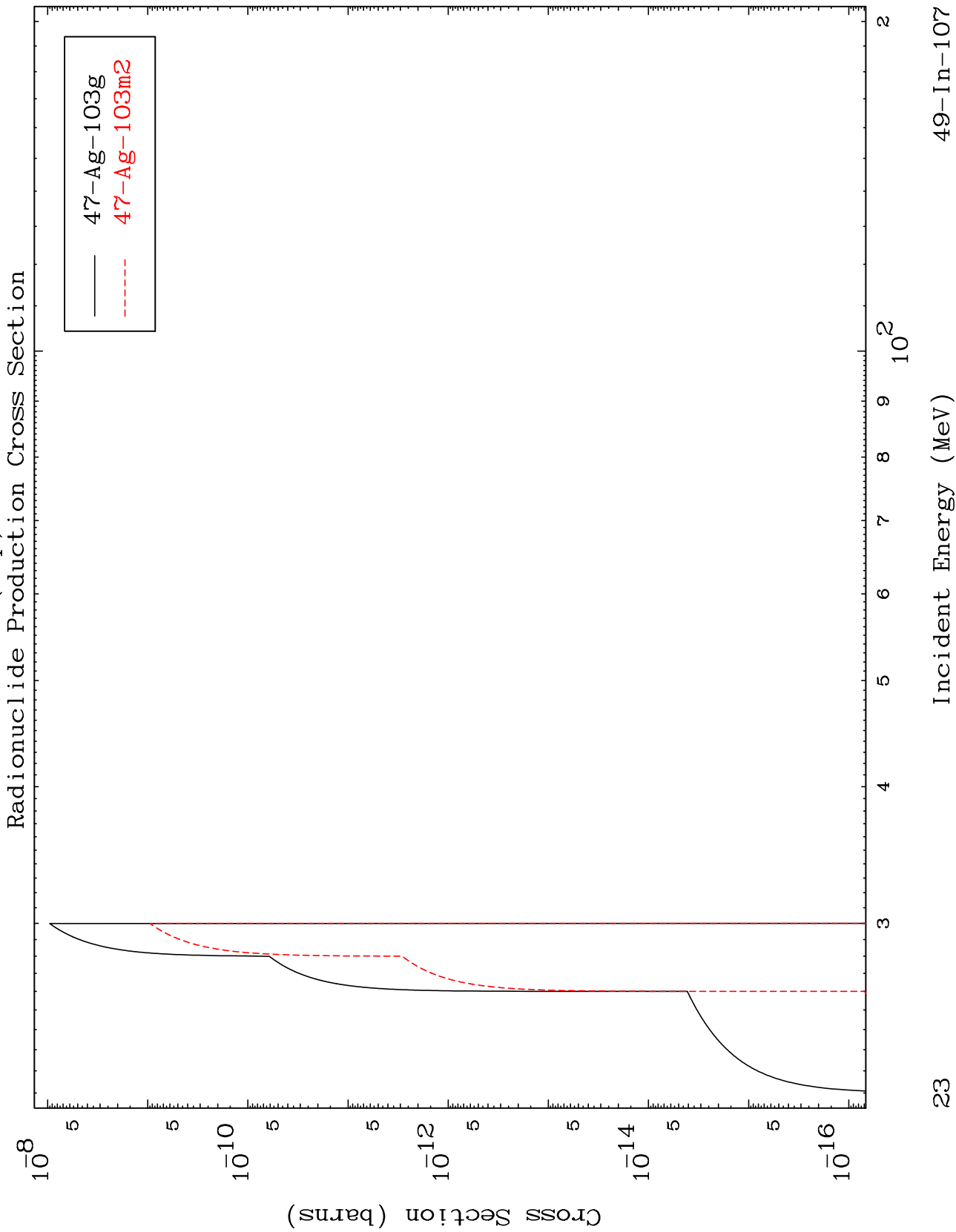
49-In-107



MAT 4907

(n,p) t

49-In-107



23

49-In-107