

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

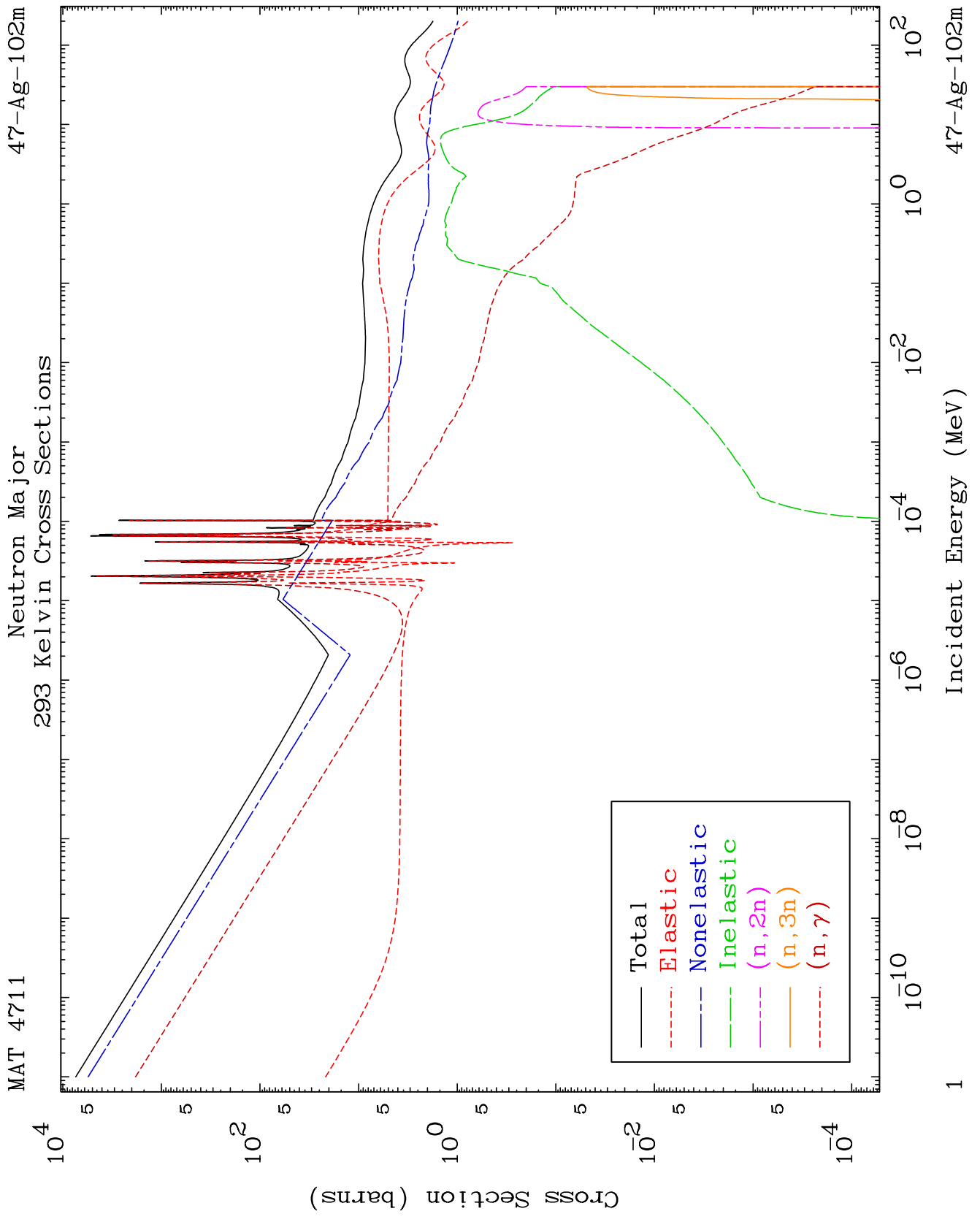
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

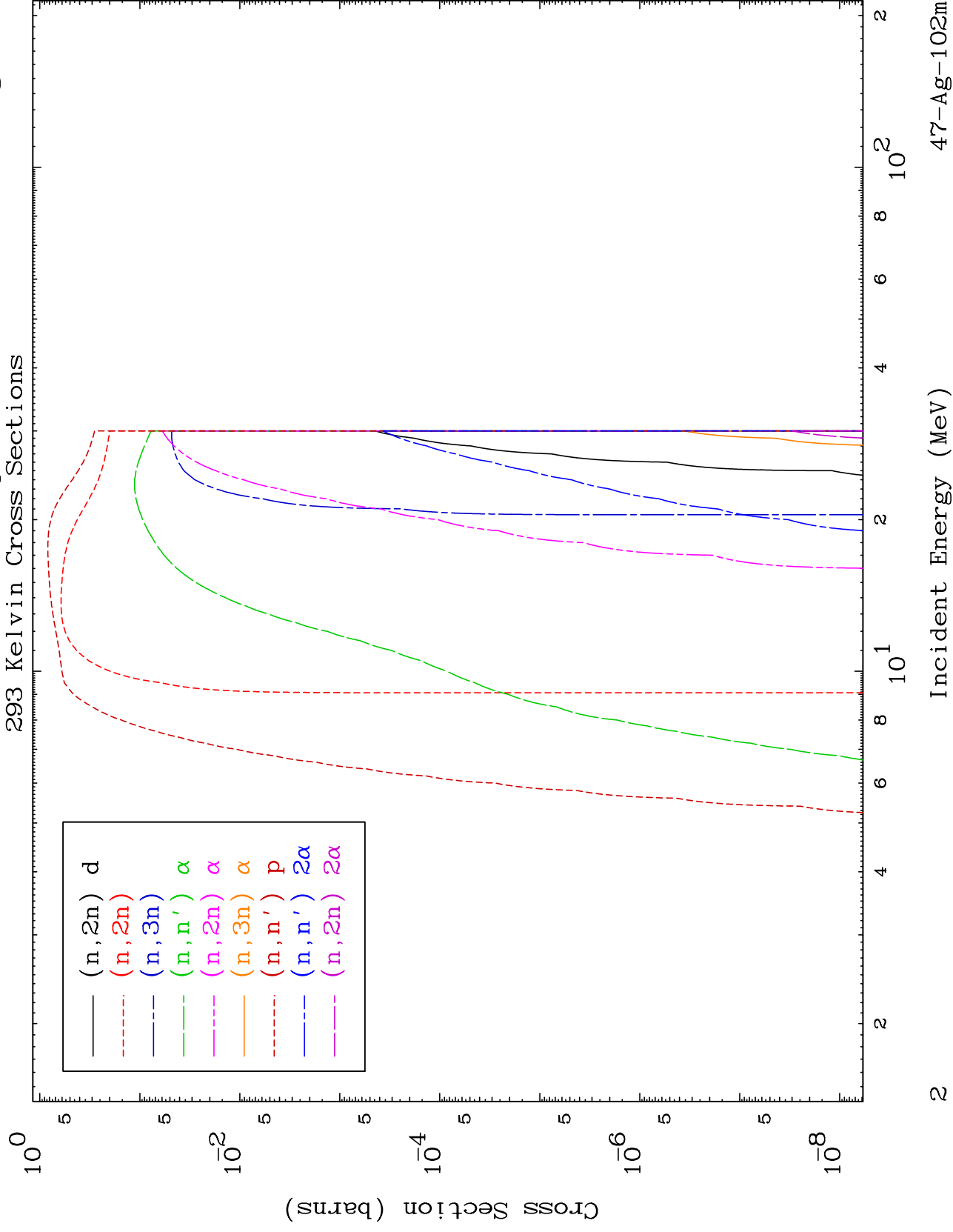
Press Mouse Button to Start



MAT 4711

Neutron Absorption
293 Kelvin Cross Sections

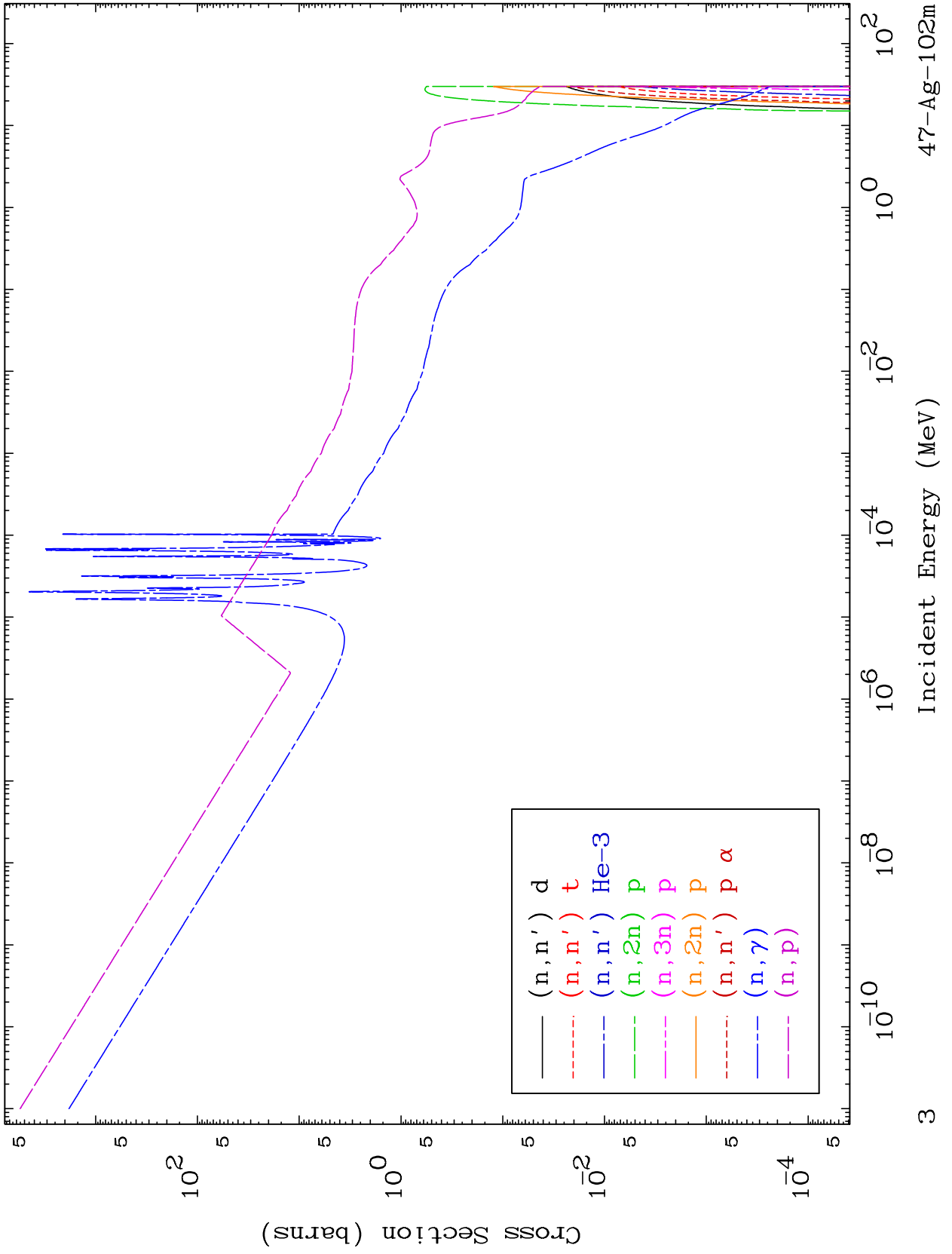
47-Ag-102m



MAT 4711

Neutron Absorption
293 Kelvin Cross Sections

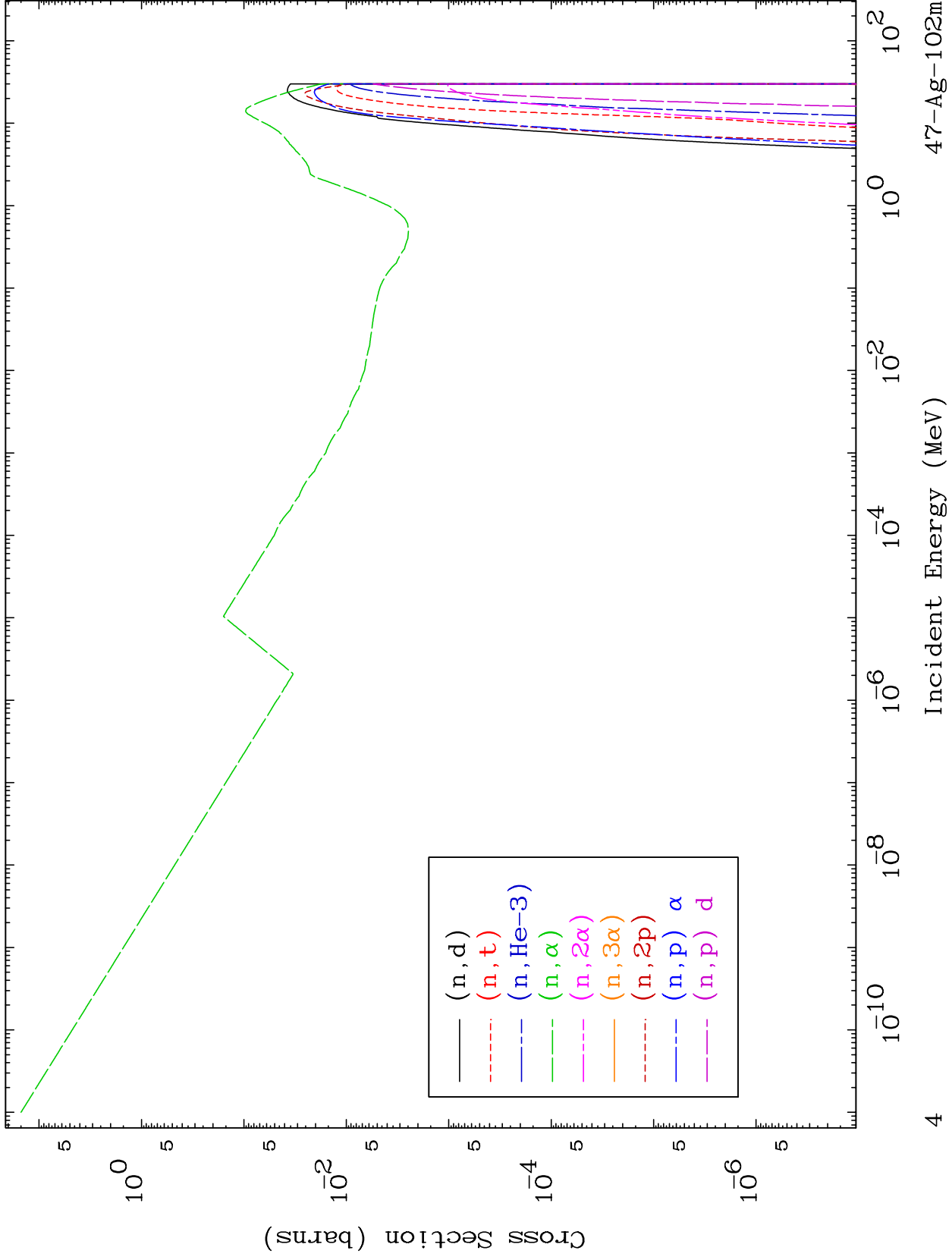
47-Ag-102m



MAT 4711

Neutron Absorption
293 Kelvin Cross Sections

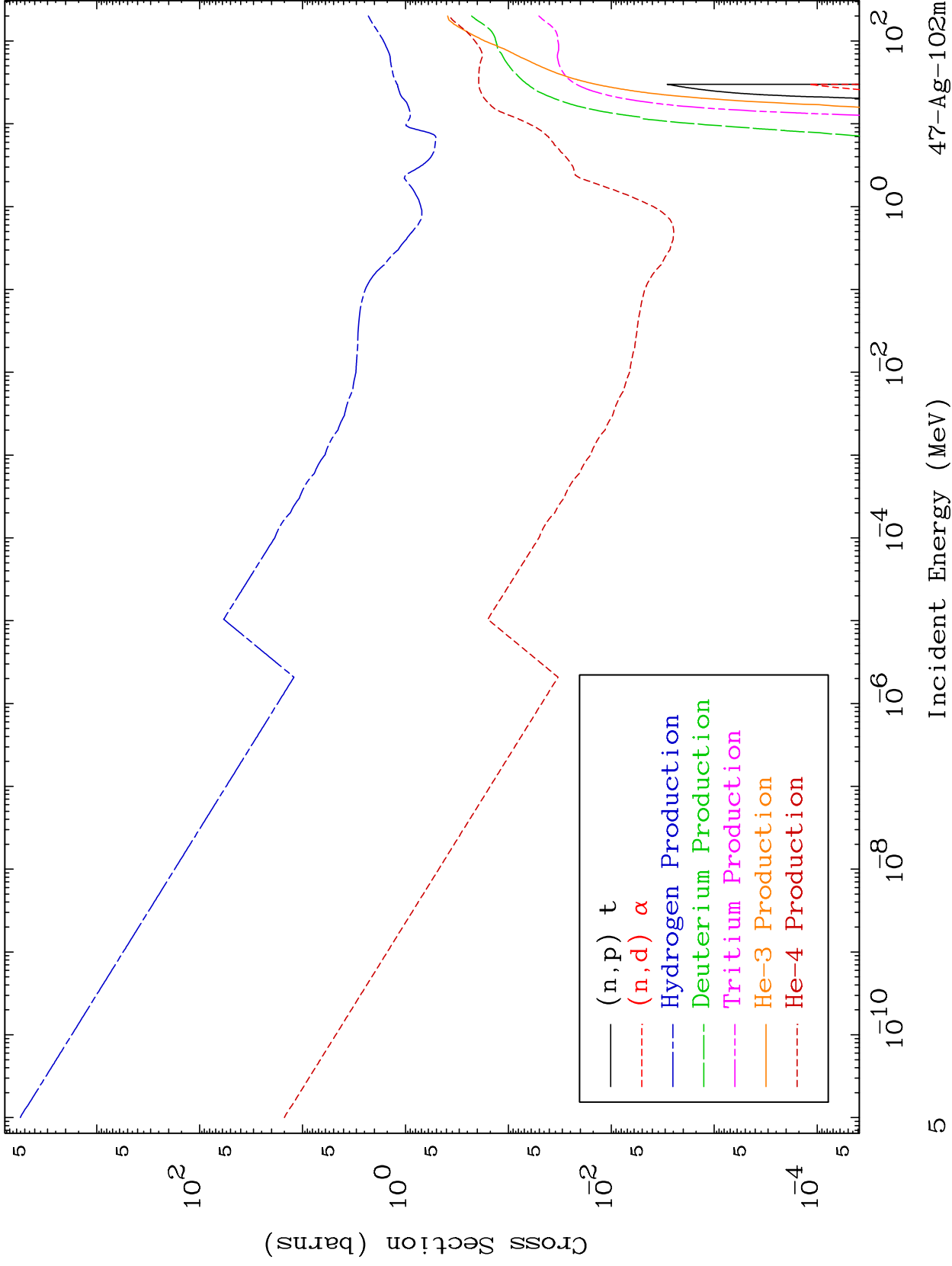
47-Ag-102m



MAT 4711

Neutron Absorption
293 Kelvin Cross Sections

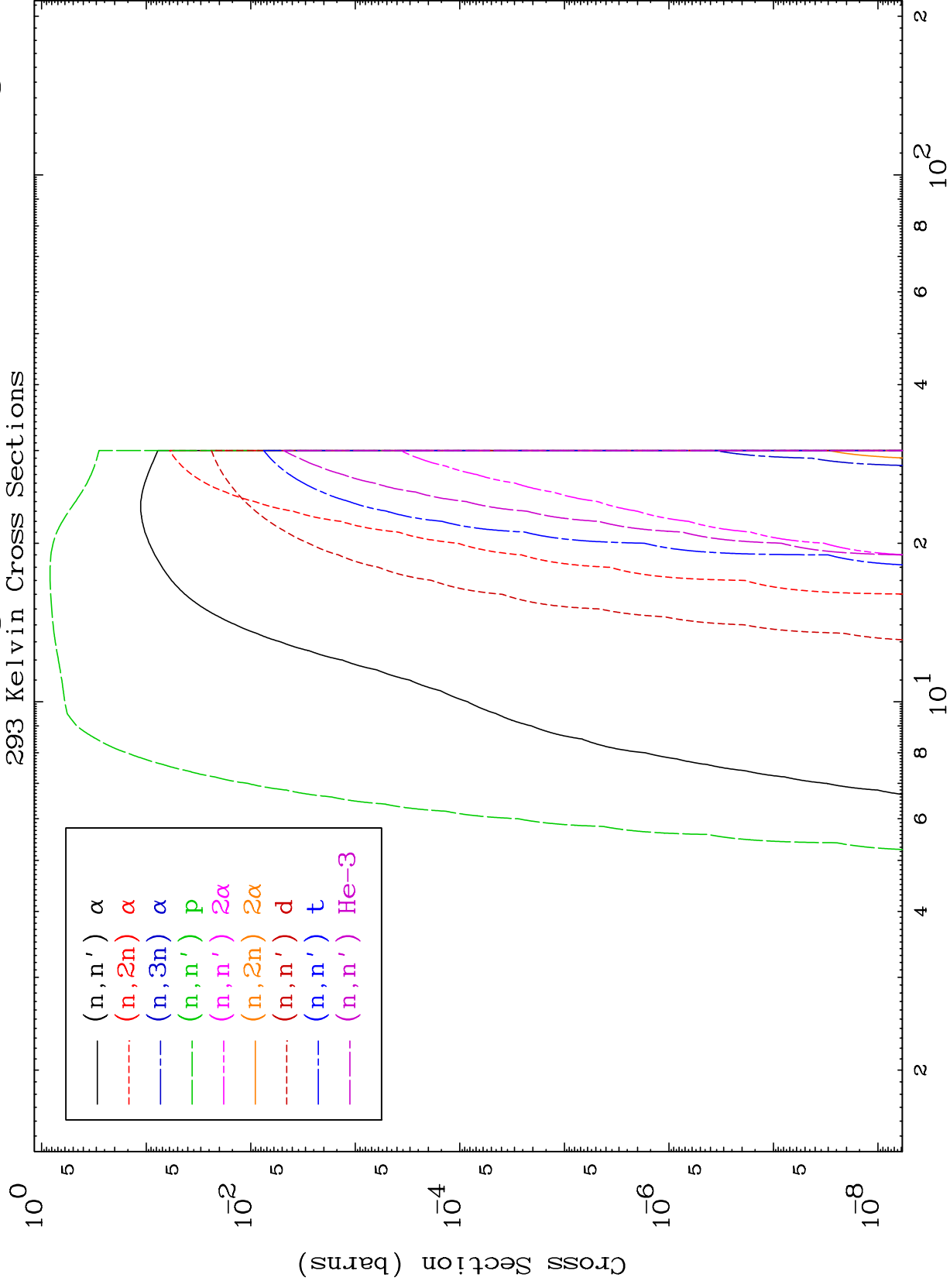
47-Ag-102m



MAT 4711

Charged Particle
293 Kelvin Cross Sections

47-Ag-102m



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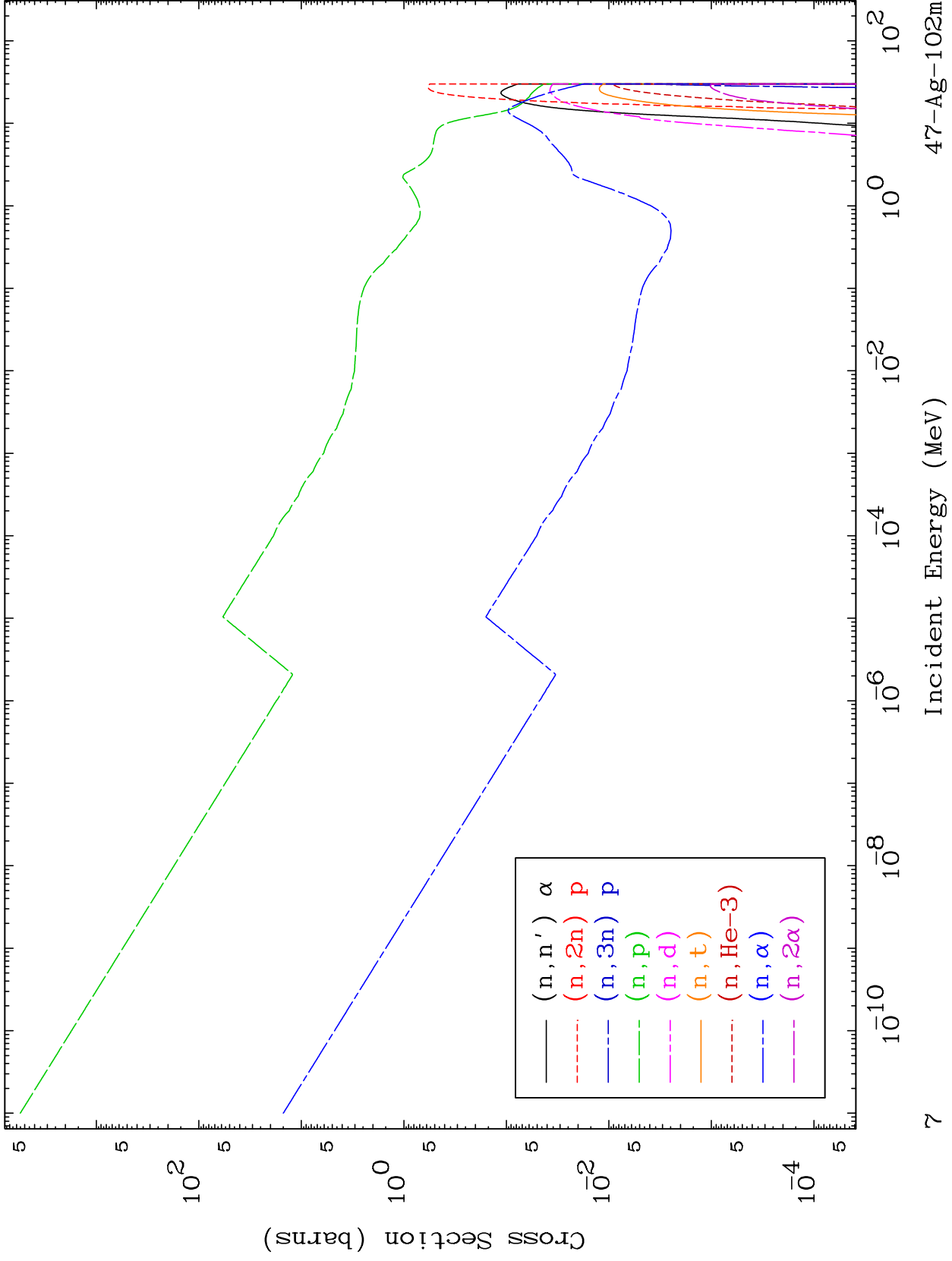
Incident Energy (MeV)

47-Ag-102m

MAT 4711

Charged Particle
293 Kelvin Cross Sections

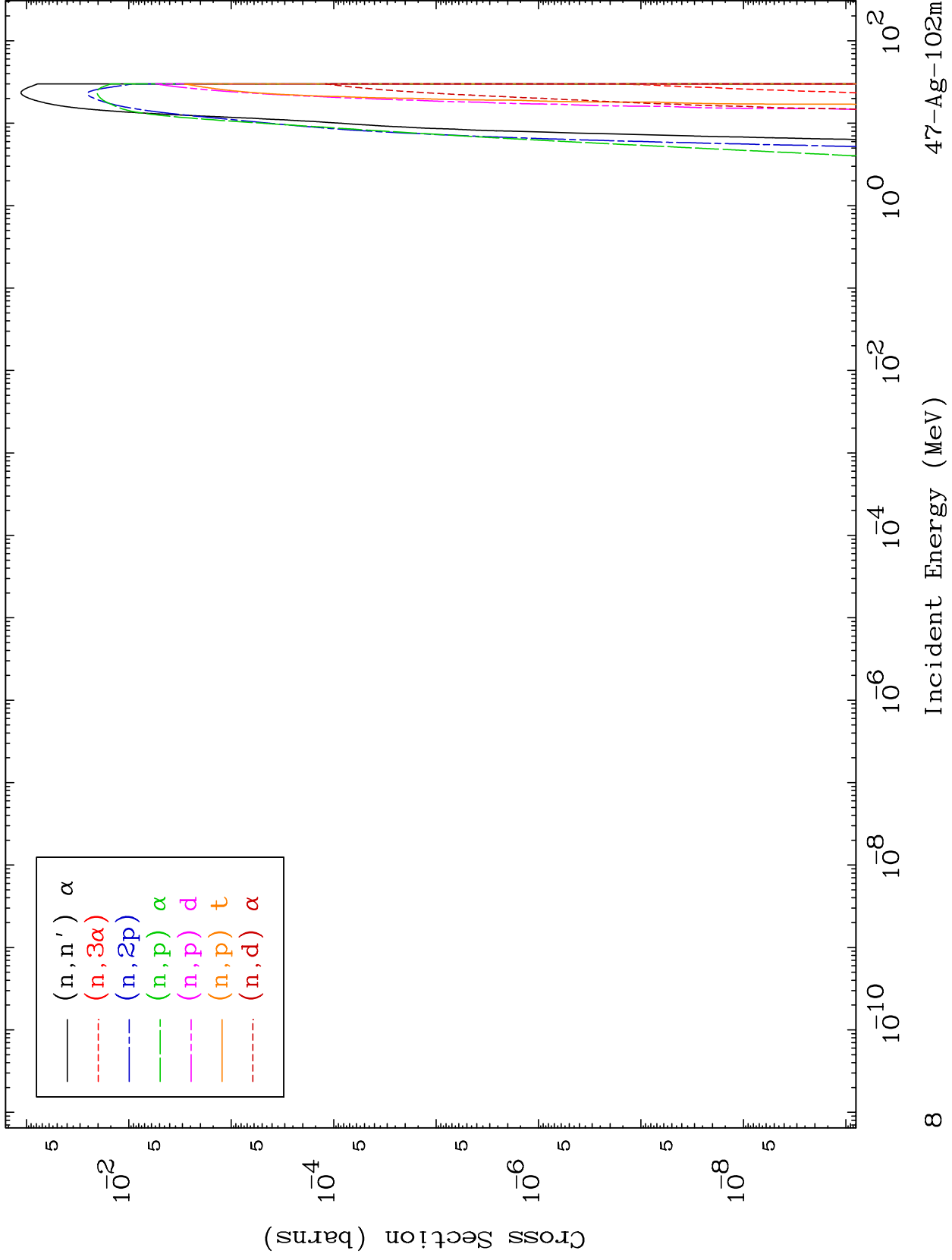
47-Ag-102m



MAT 4711

Charged Particle
293 Kelvin Cross Sections

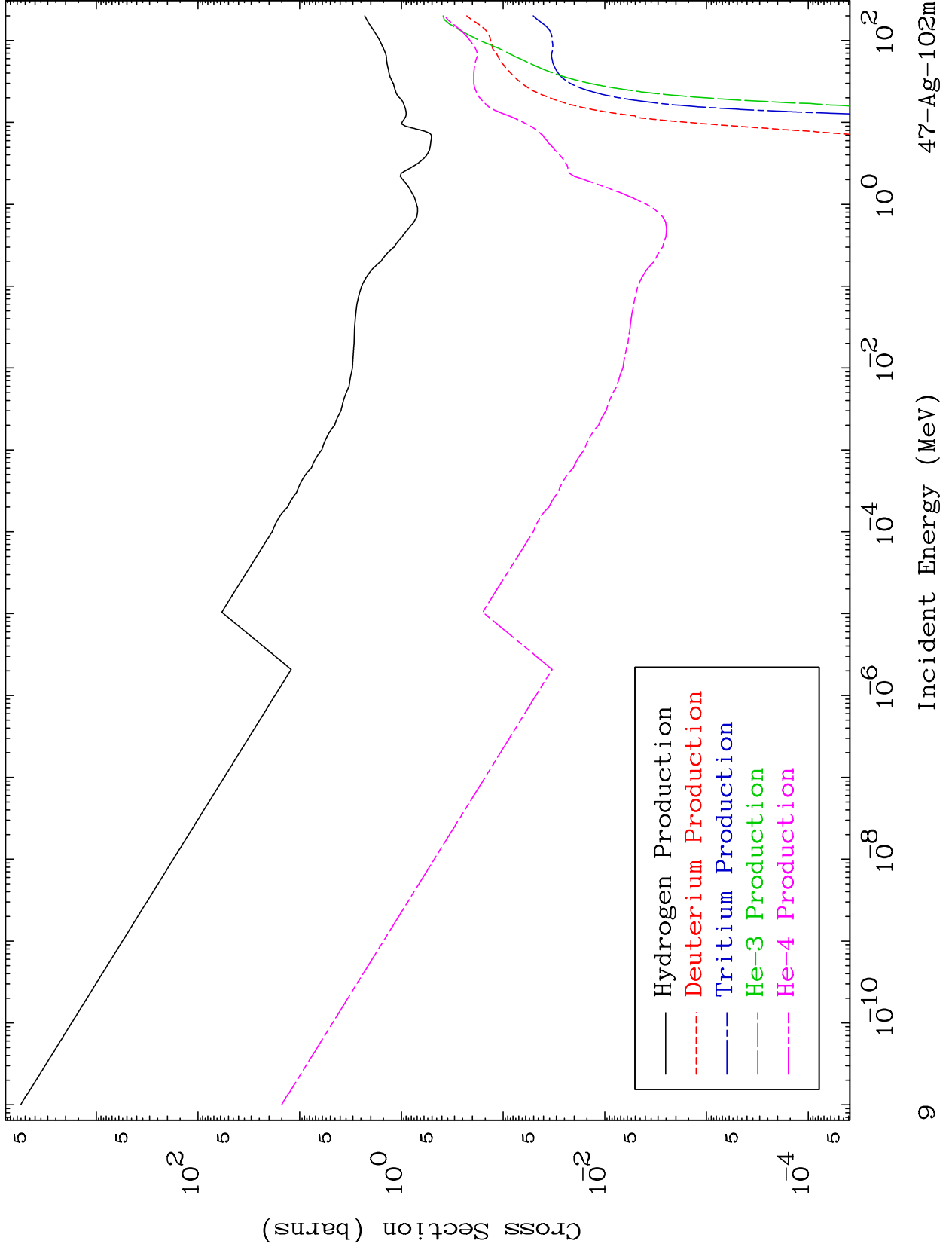
47-Ag-102m



MAT 4711

Particle Production
293 Kelvin Cross Sections

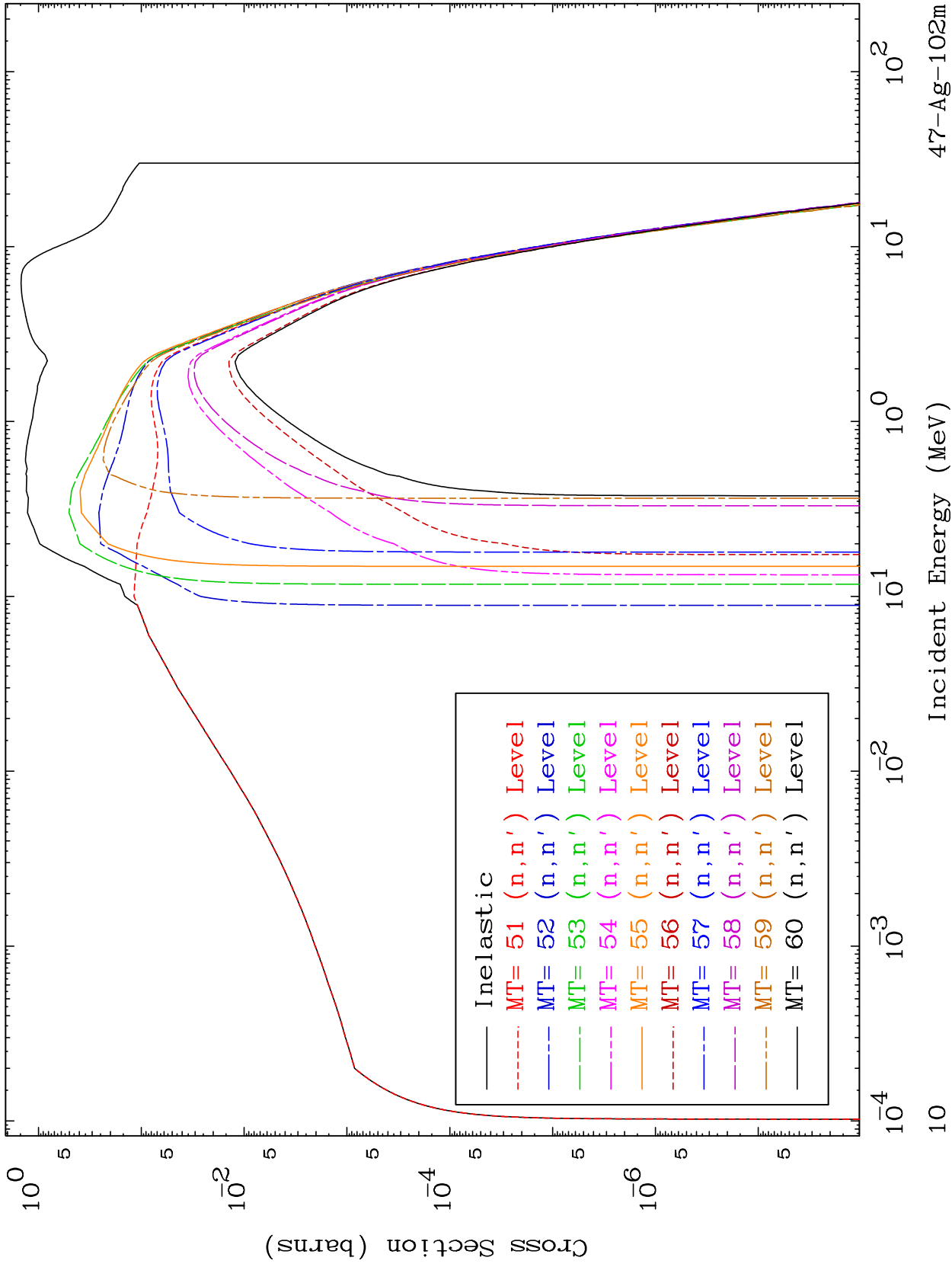
47-Ag-102m



MAT 4711

(n,n') Levels
293 Kelvin Cross Sections

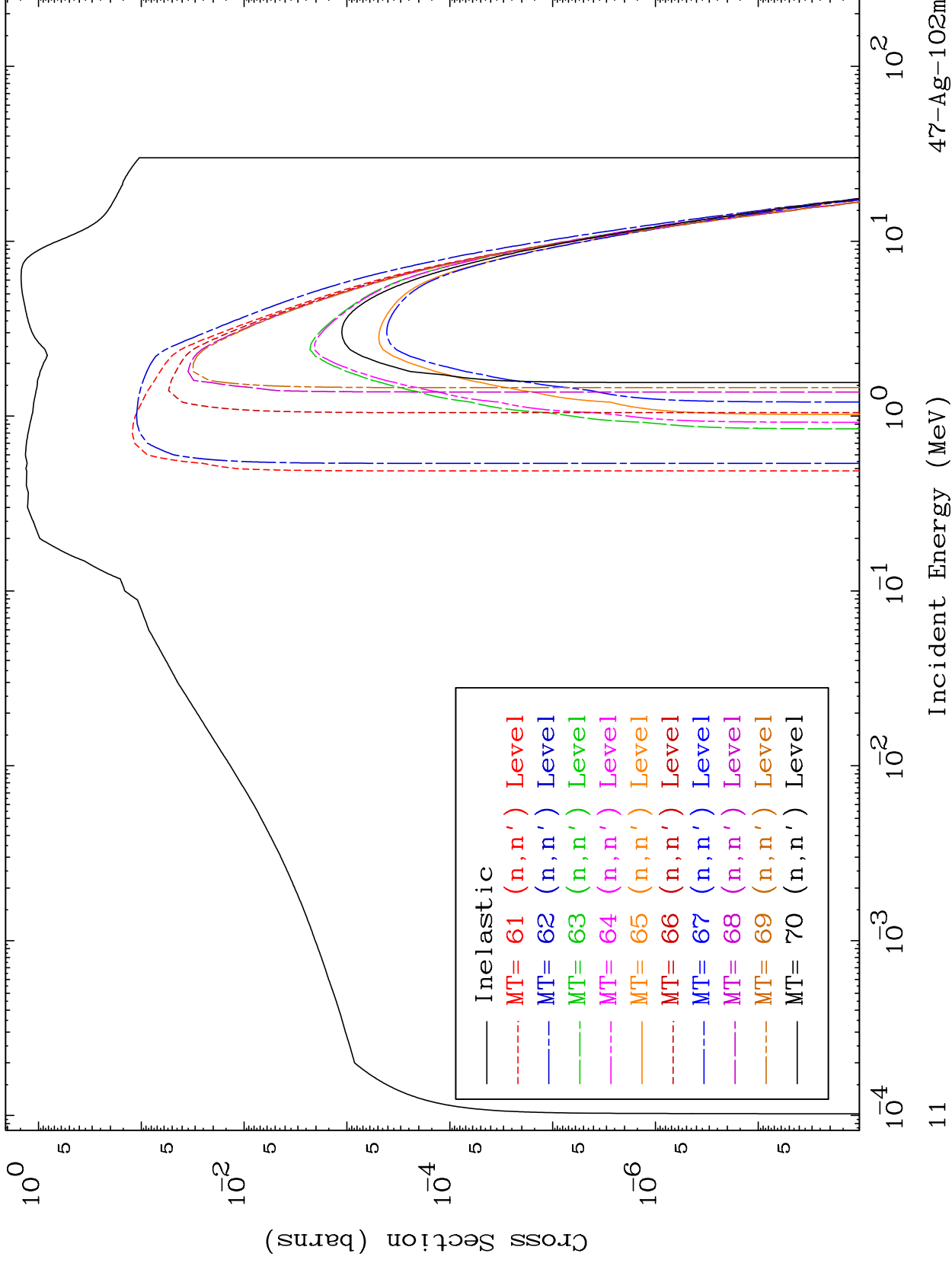
47-Ag-102m



MAT 4711

(n,n') Levels
293 Kelvin Cross Sections

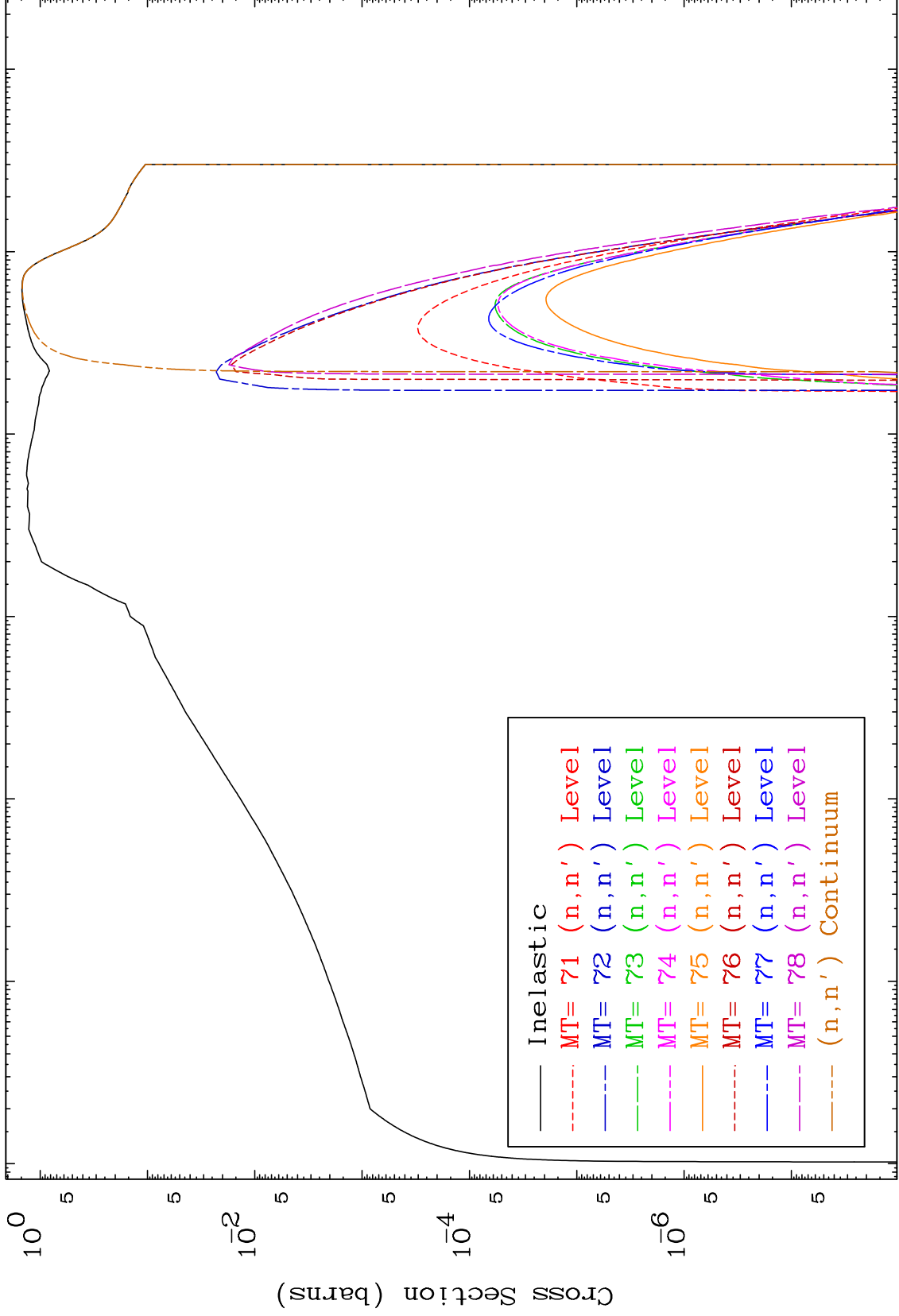
47-Ag-102m



MAT 4711

293 Kelvin Cross Sections
(n,n') Levels

47-Ag-102m



12

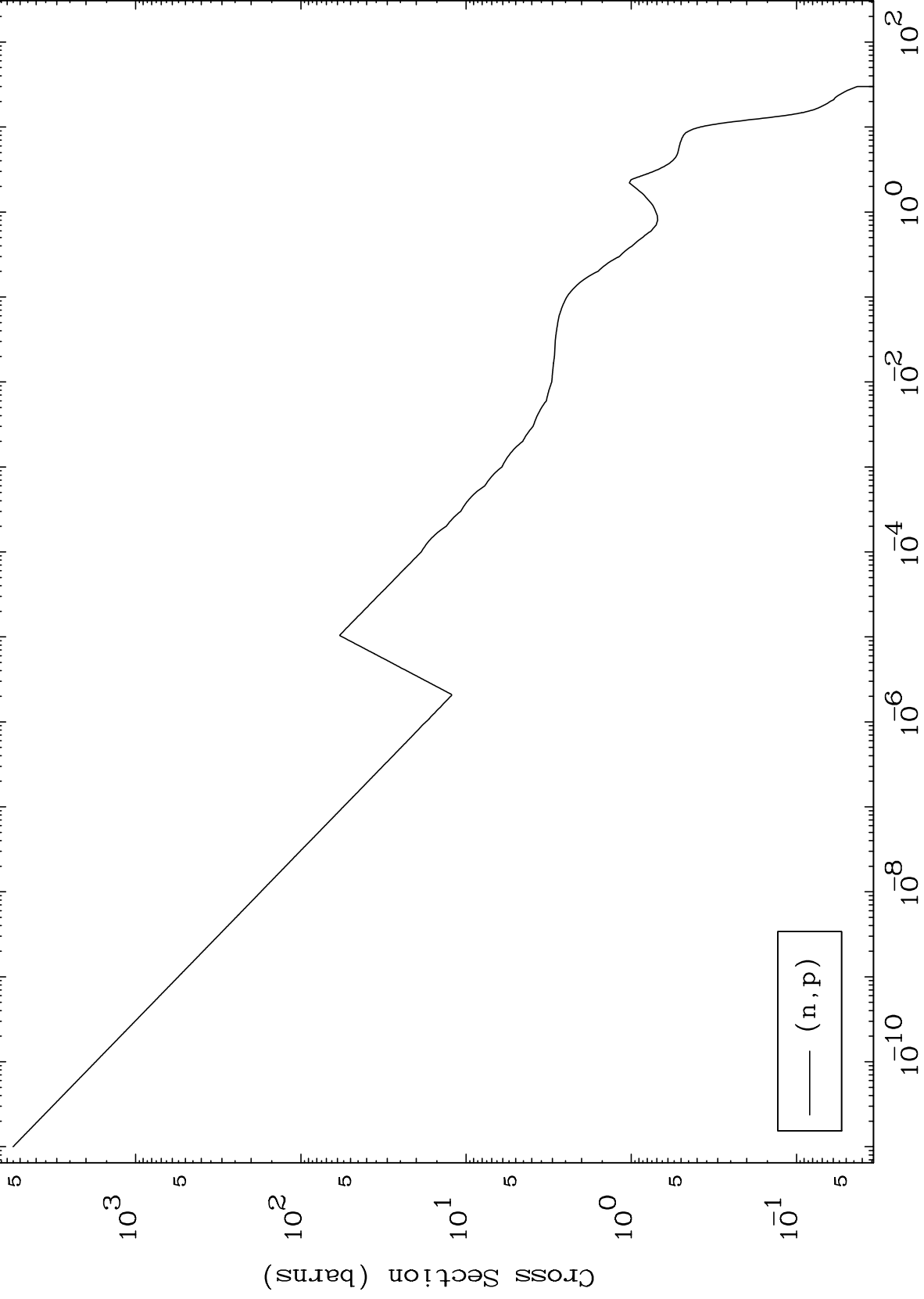
Incident Energy (MeV)

47-Ag-102m

MAT 4711

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-102m



13

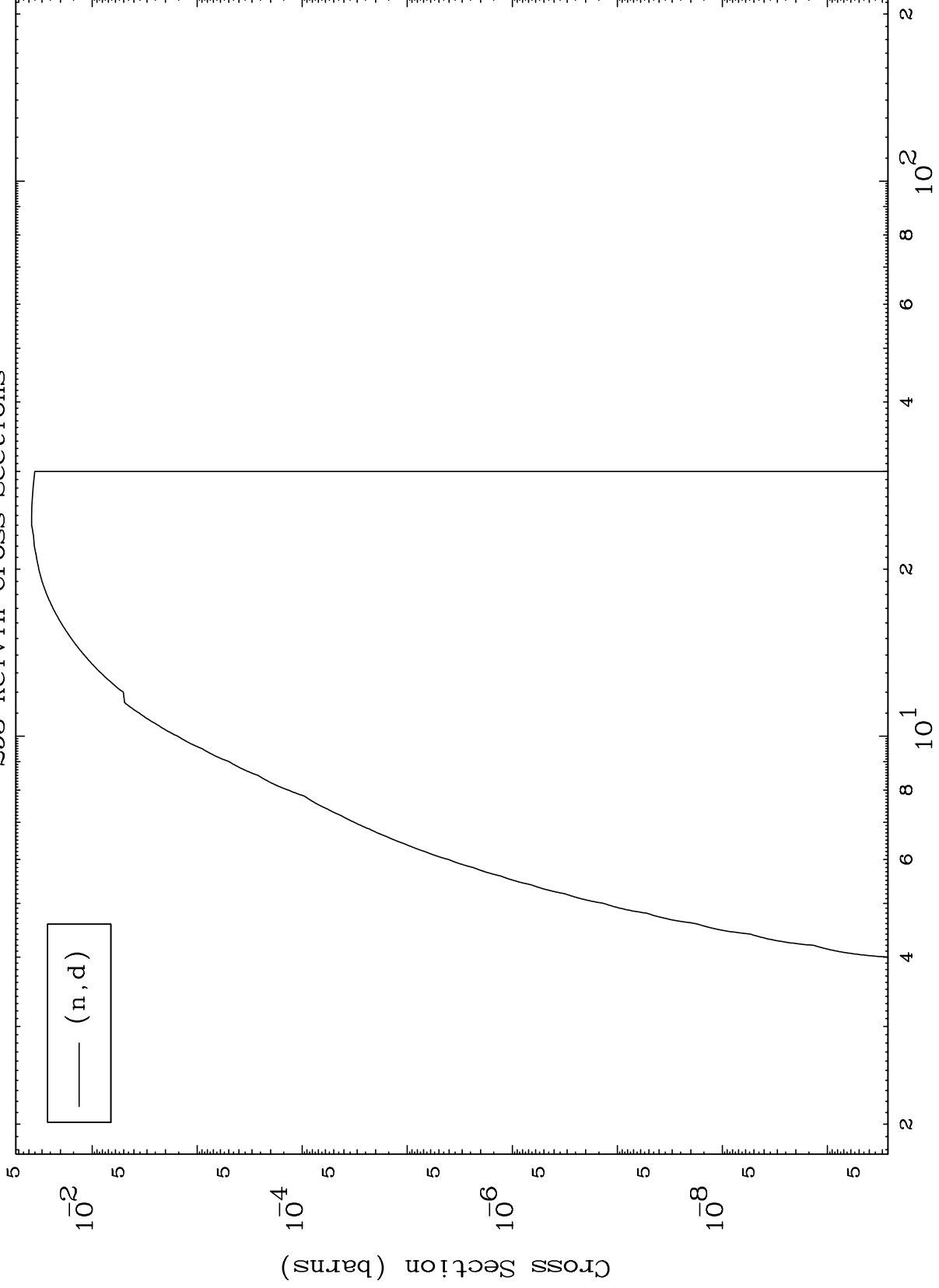
Incident Energy (MeV)

47-Ag-102m

MAT 4711

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-102m



14

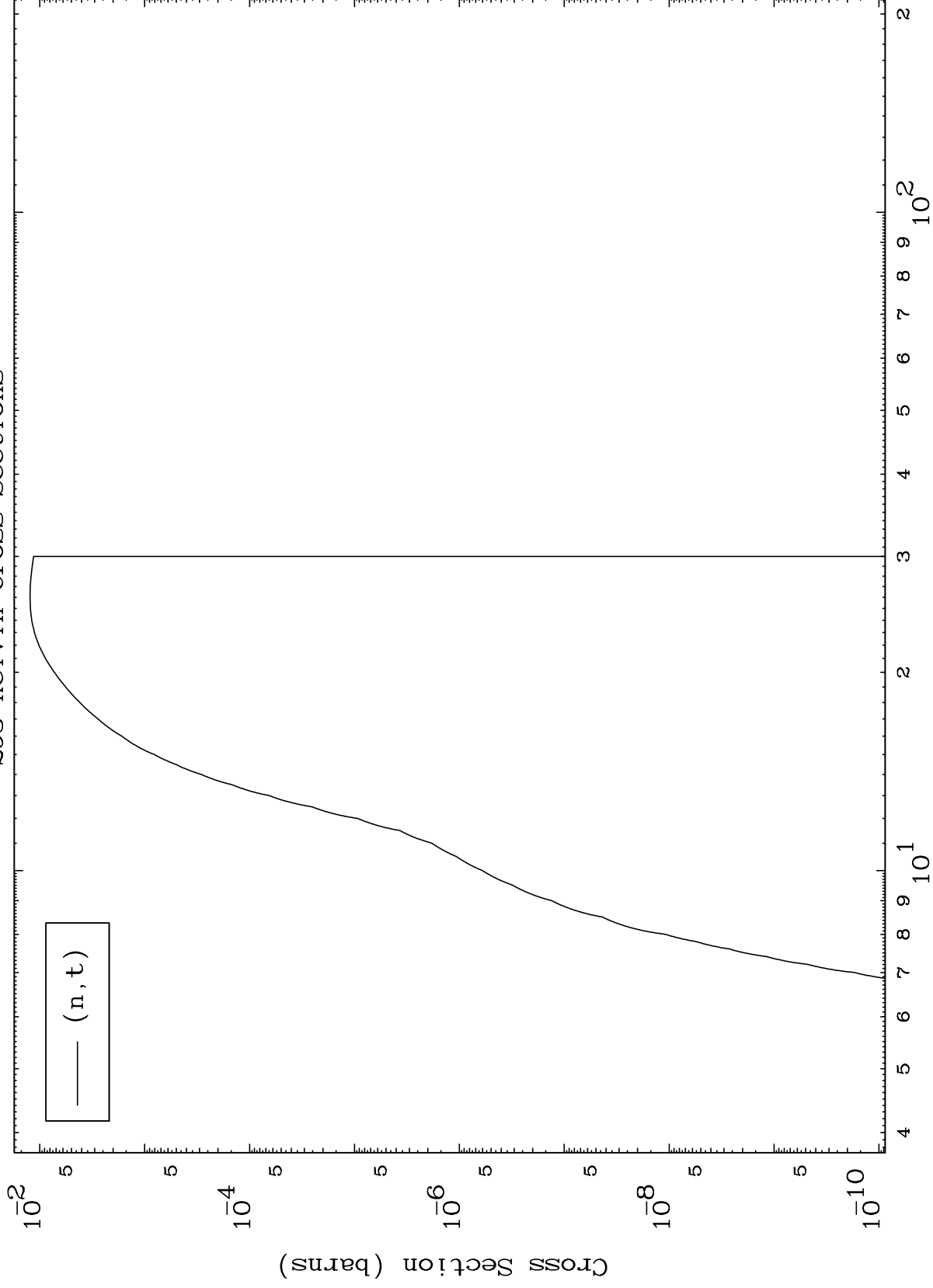
Incident Energy (MeV)

47-Ag-102m

MAT 4711

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-102m



15

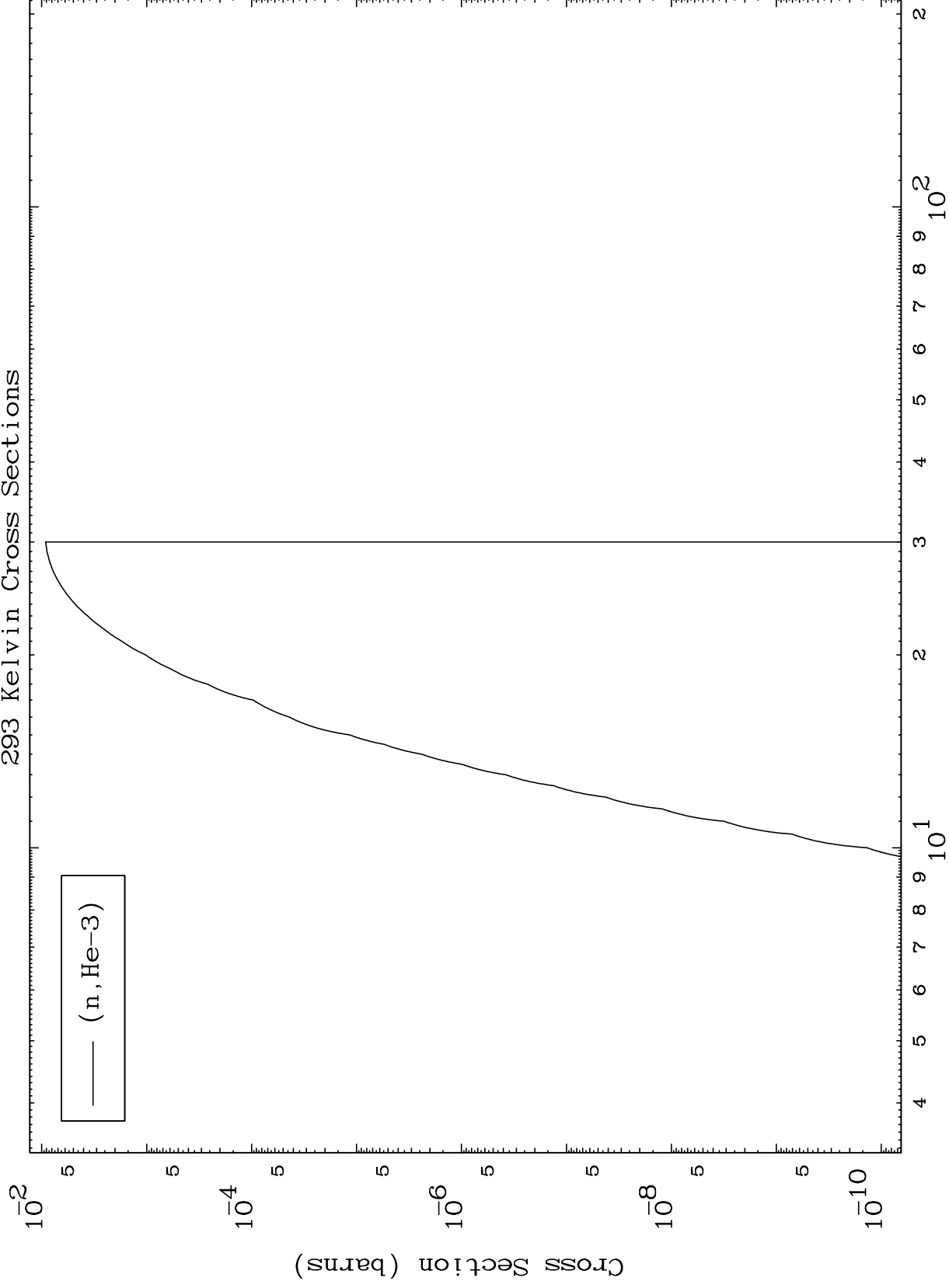
Incident Energy (MeV)

47-Ag-102m

MAT 4711

47-Ag-102m

(n,He3) Levels
293 Kelvin Cross Sections



16

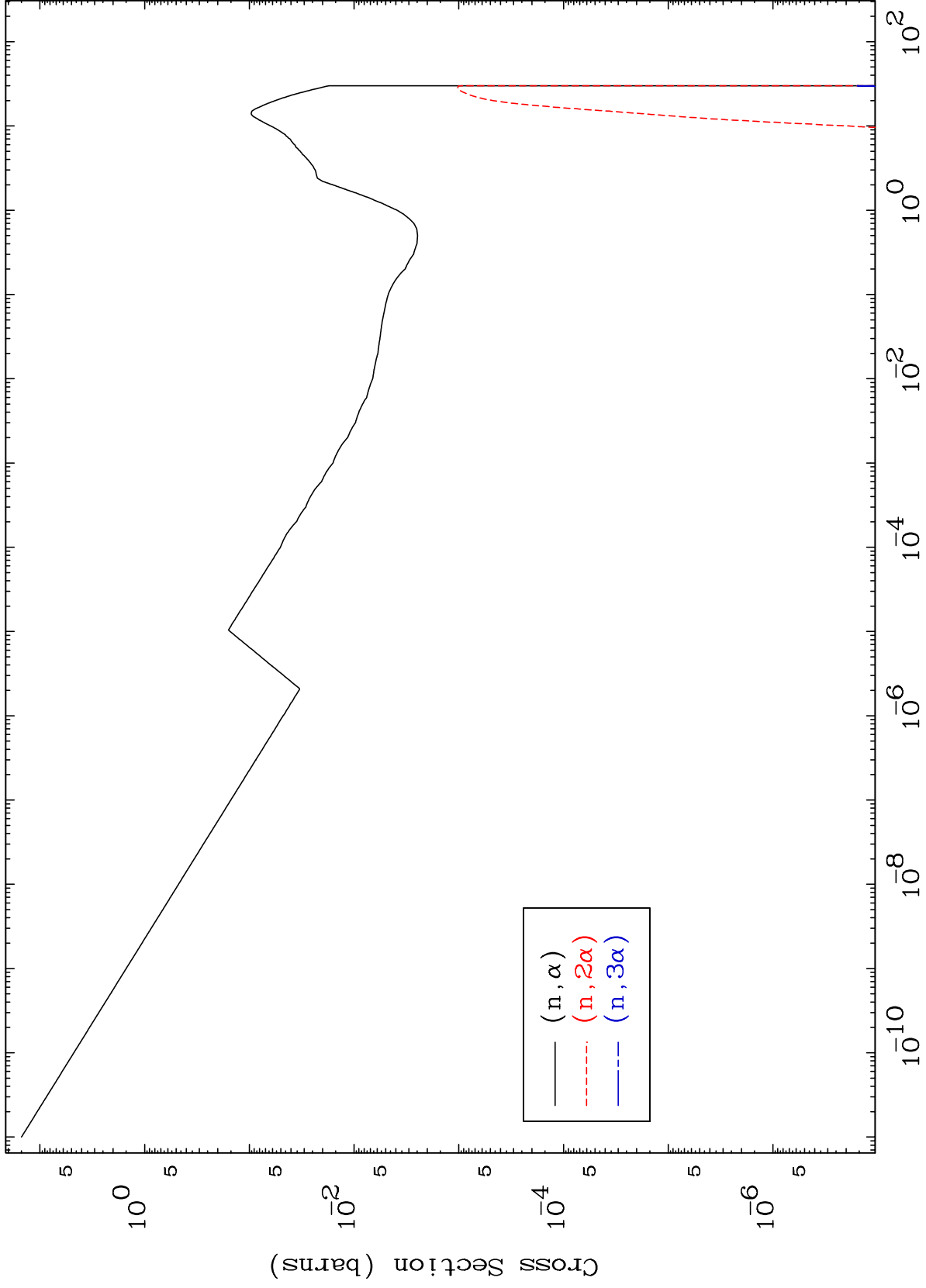
Incident Energy (MeV)

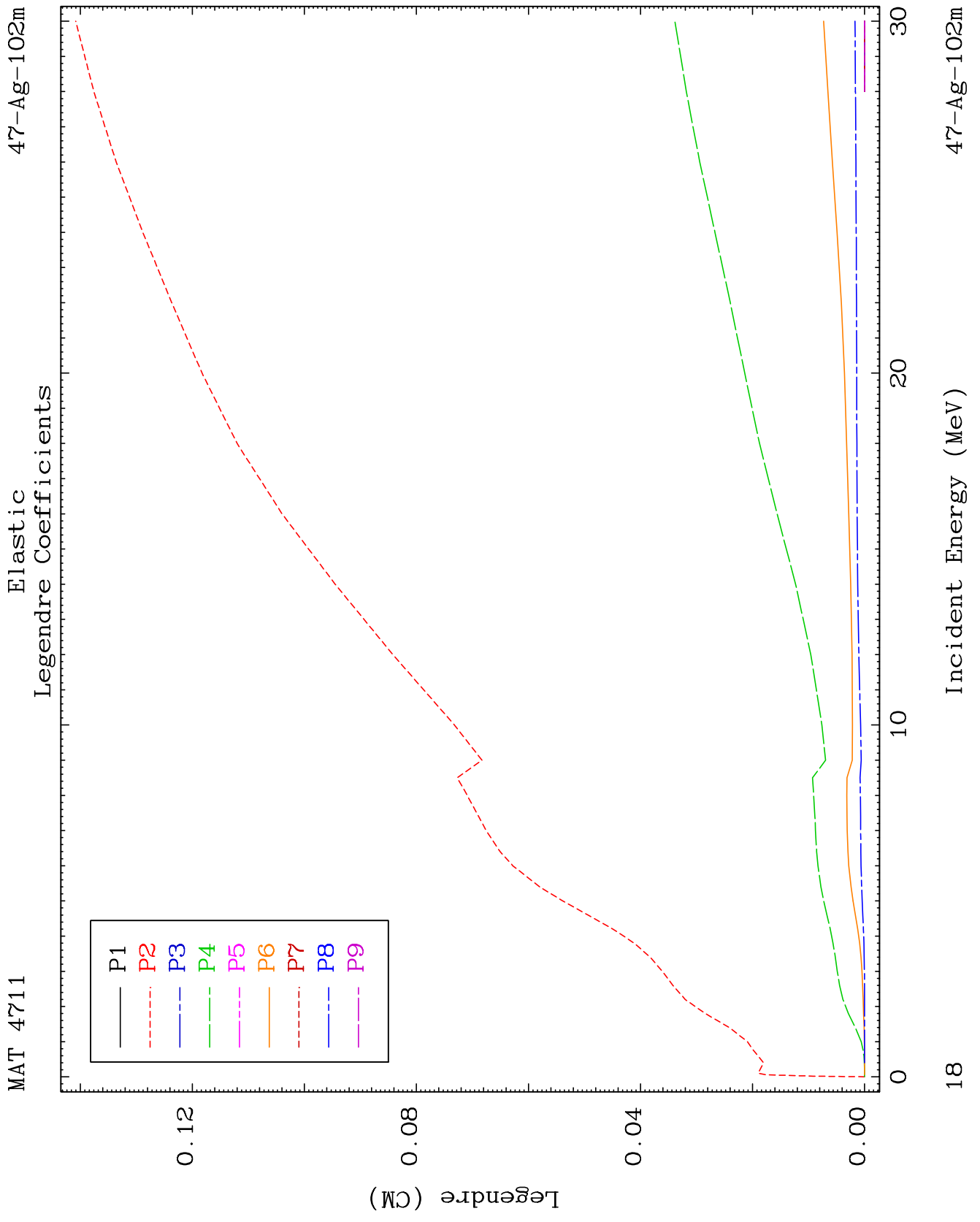
47-Ag-102m

MAT 4711

(n,α) Levels
293 Kelvin Cross Sections

47-Ag-102m





MAT 4711

47-Ag-102m

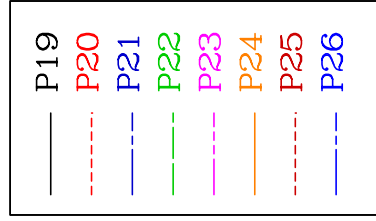
18

47-Ag-102m

MAT 4711

Elastic
Legendre Coefficients

47-Ag-102m



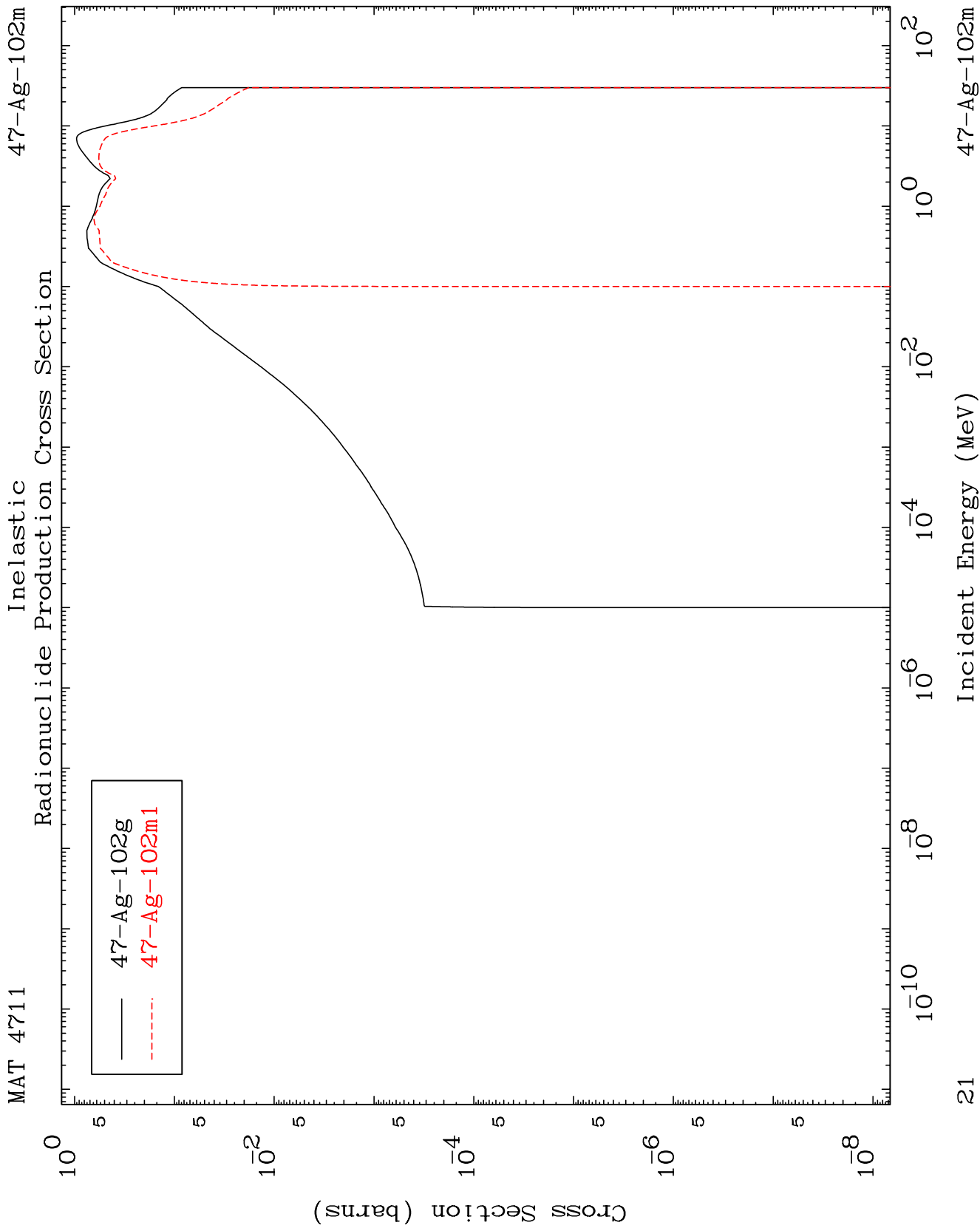
Legendre (CM)
 $\times 10^{-75}$

20

Incident Energy (MeV)

47-Ag-102m

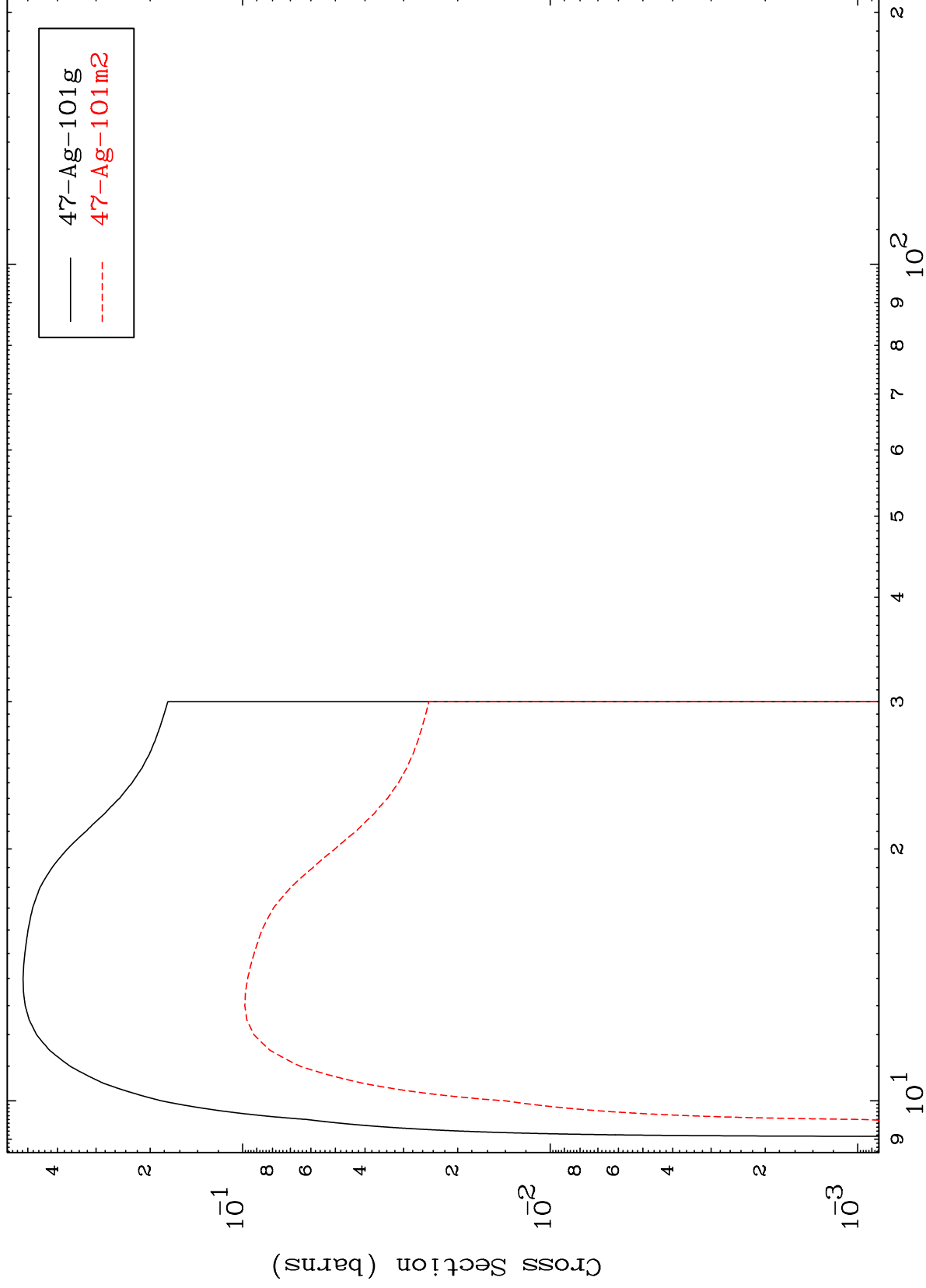




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47-Ag-102m

(n,2n)
Radionuclide Production Cross Section



47-Ag-102m

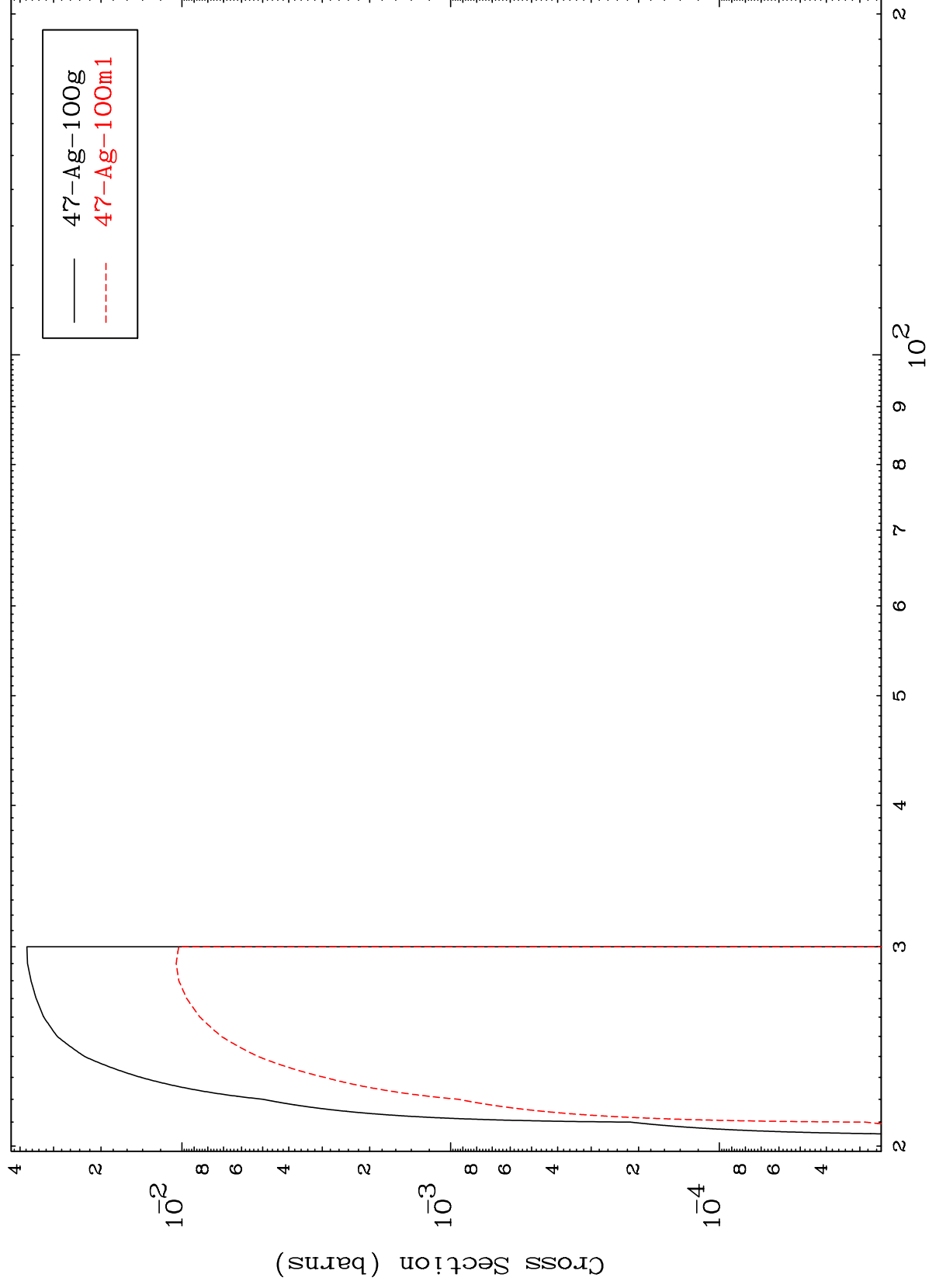
Incident Energy (MeV)

22

MAT 4711

47-Ag-102m

(n,3n)
Radionuclide Production Cross Section



47-Ag-102m

Incident Energy (MeV)

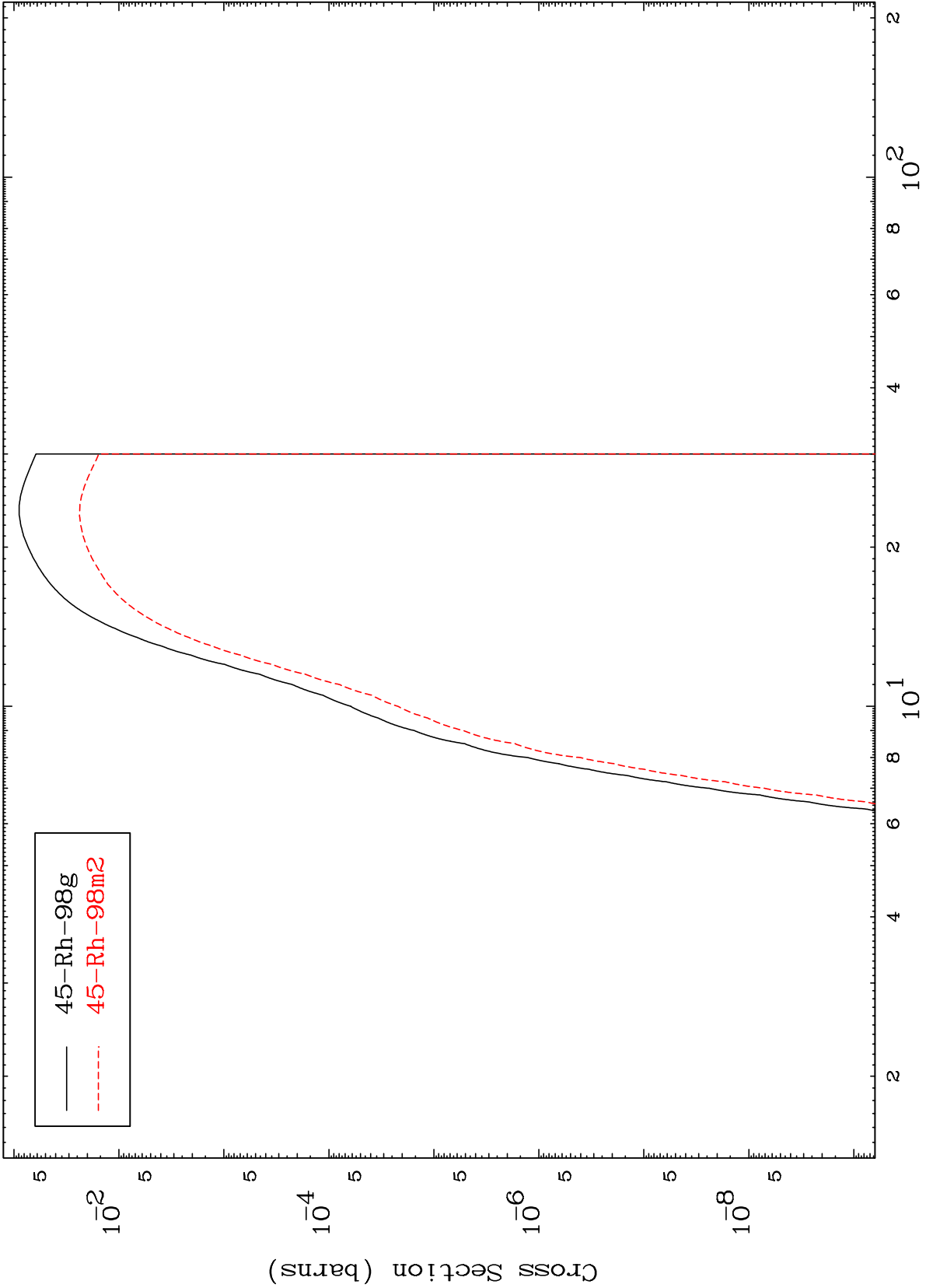
23

MAT 4711

(n,n') α

47-Ag-102m

Radionuclide Production Cross Section



— 45-Rh-98g
- - - 45-Rh-98m2

24

Incident Energy (MeV)

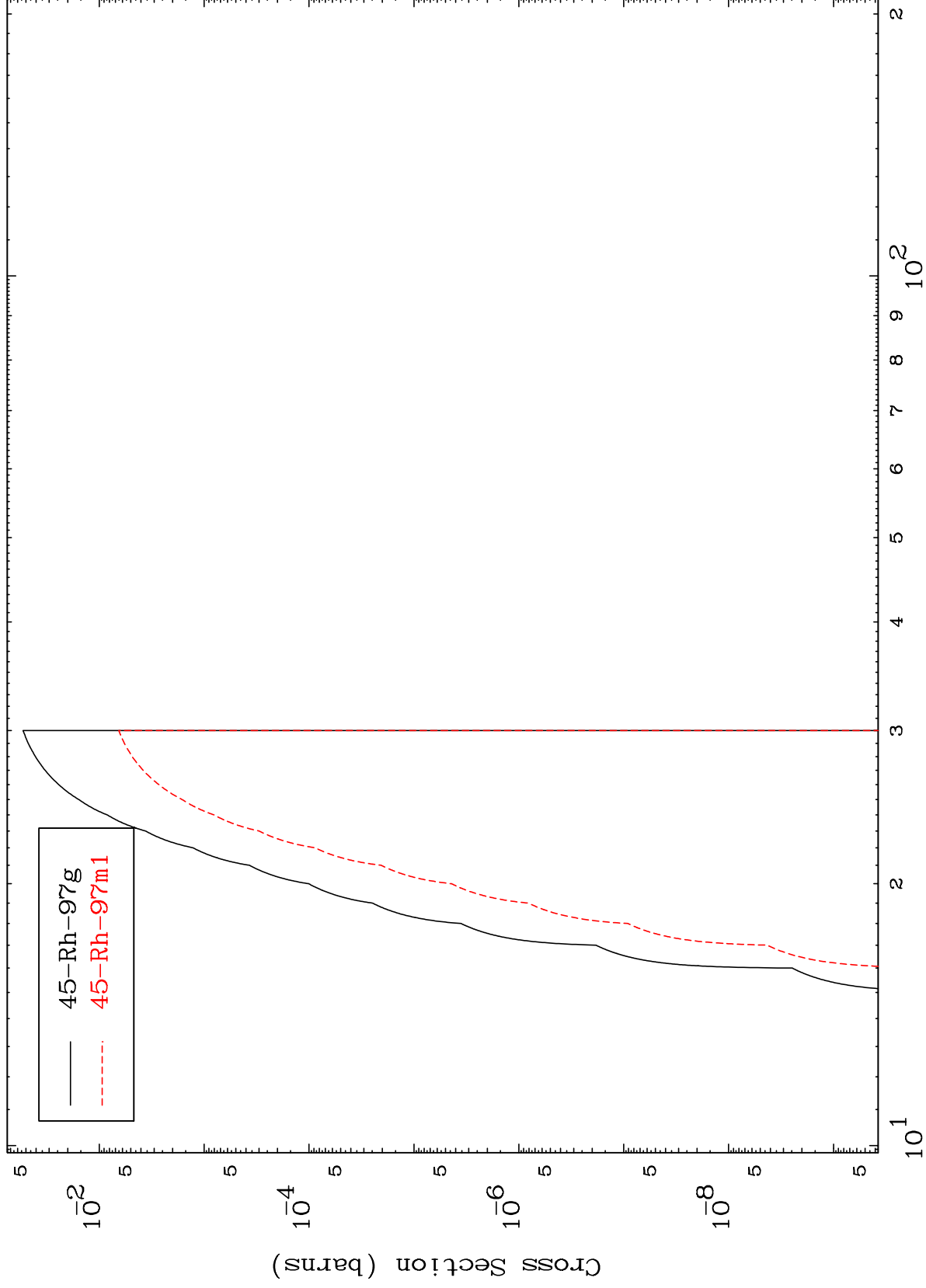
47-Ag-102m

MAT 4711

47-Ag-102m

(n,2n) α

Radionuclide Production Cross Section



45-Rh-97g
45-Rh-97m1

Incident Energy (MeV)

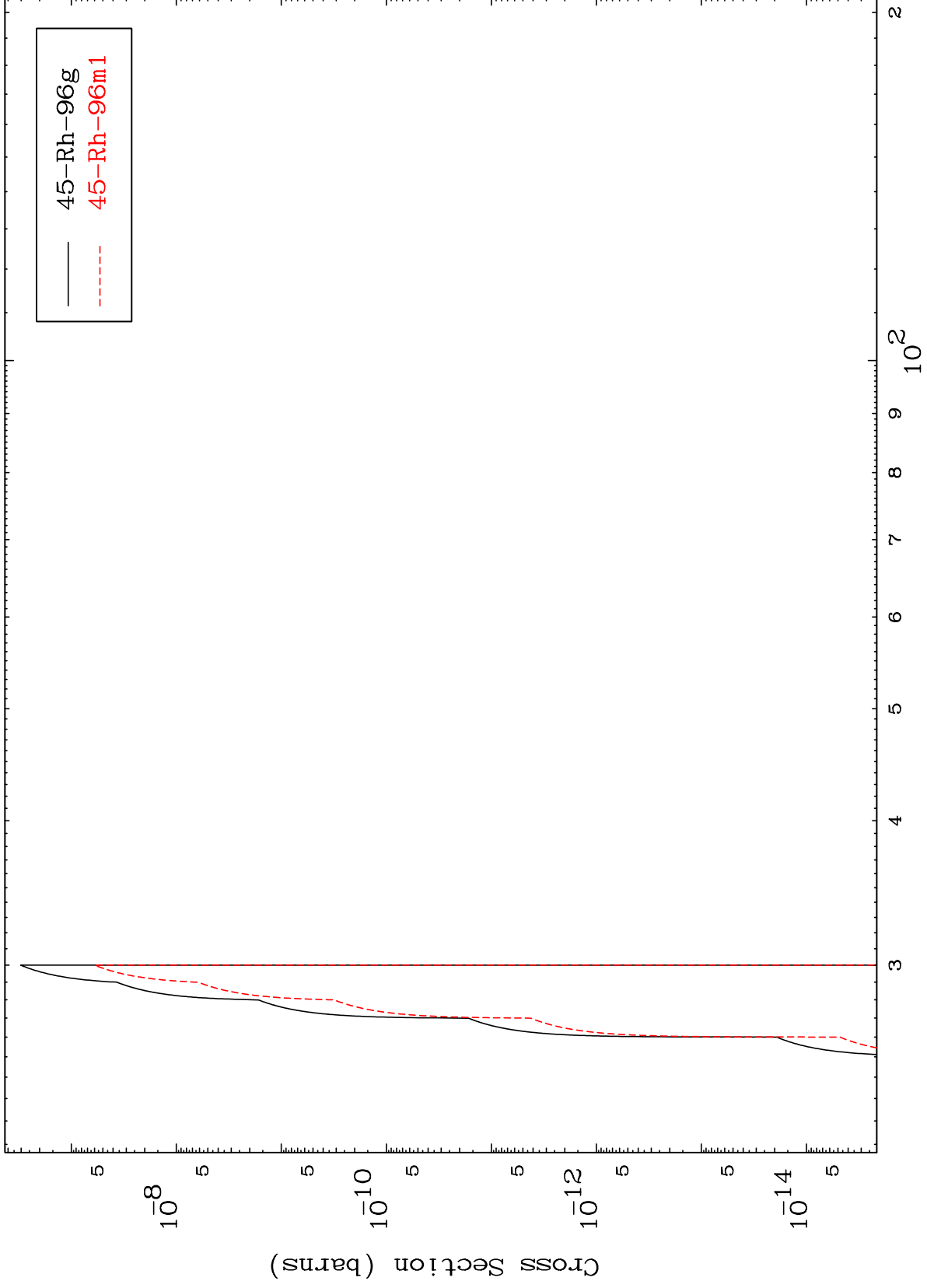
47-Ag-102m

MAT 4711

(n,3n) α

47-Ag-102m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

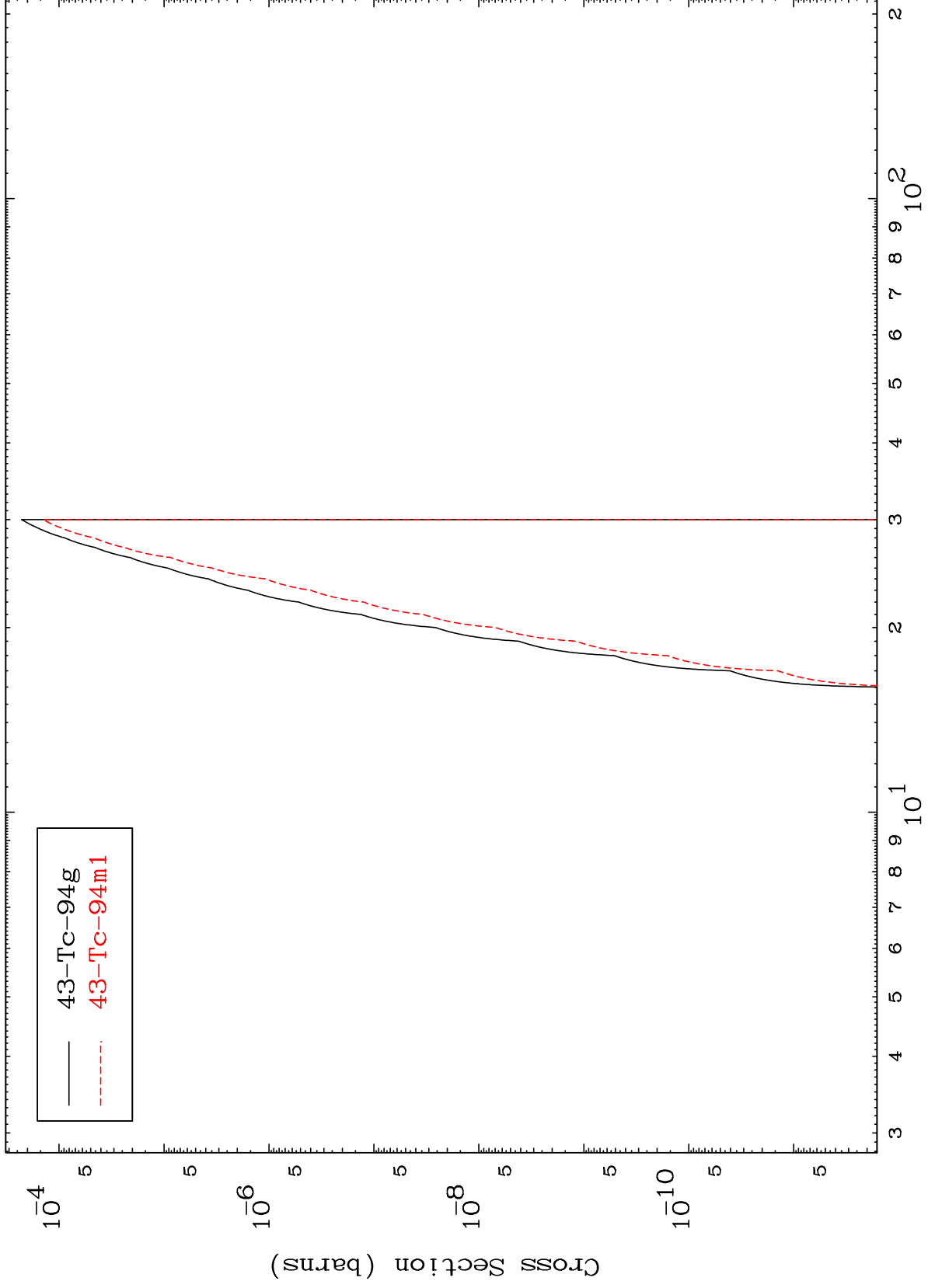
47-Ag-102m

MAT 4711

(n,n') 2α

47-Ag-102m

Radionuclide Production Cross Section



27

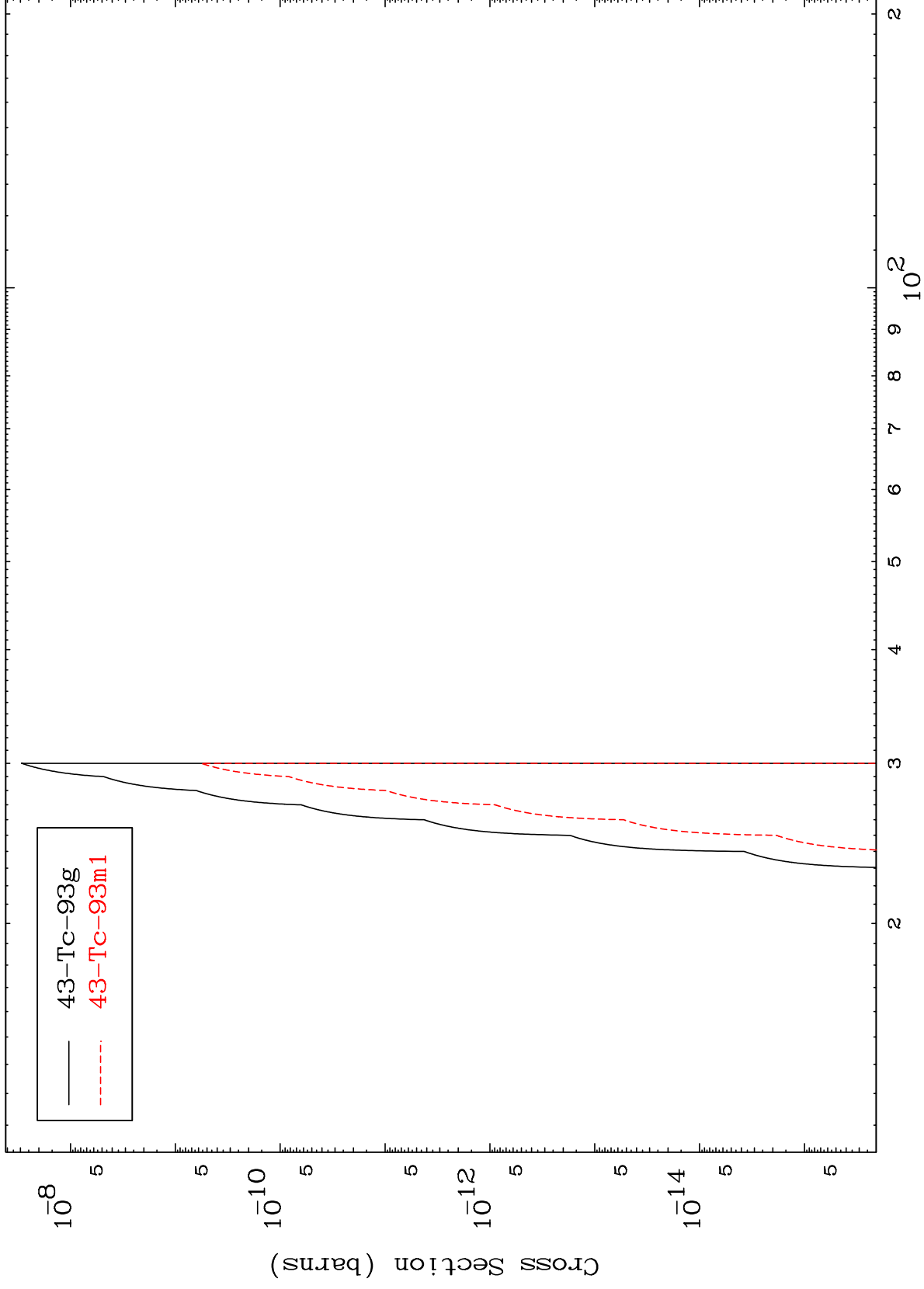
Incident Energy (MeV)

47-Ag-102m

MAT 4711

47-Ag-102m

(n,2n) 2α
Radionuclide Production Cross Section



47-Ag-102m

Incident Energy (MeV)

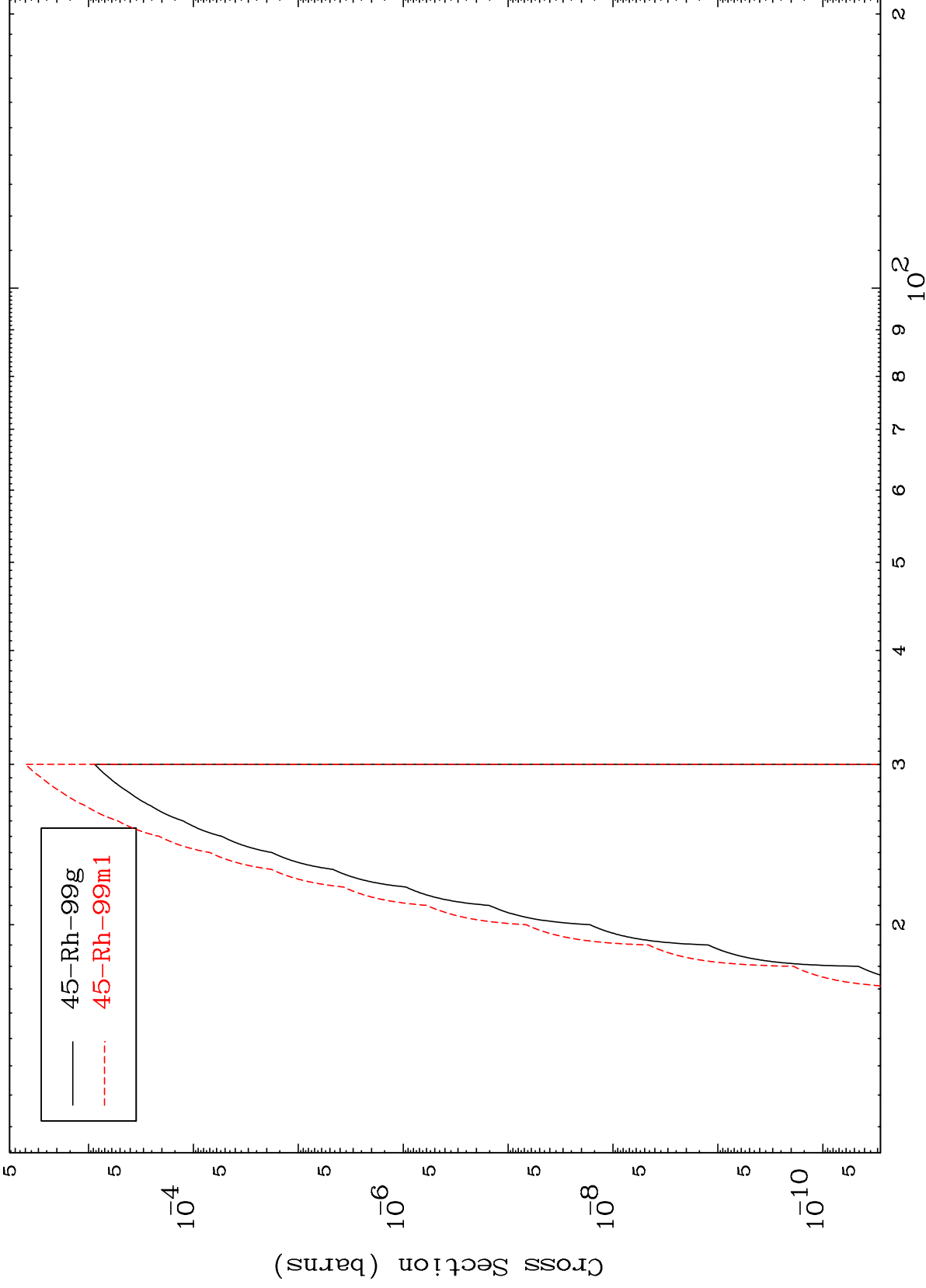
28

MAT 4711

(n,n') He-3

47-Ag-102m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

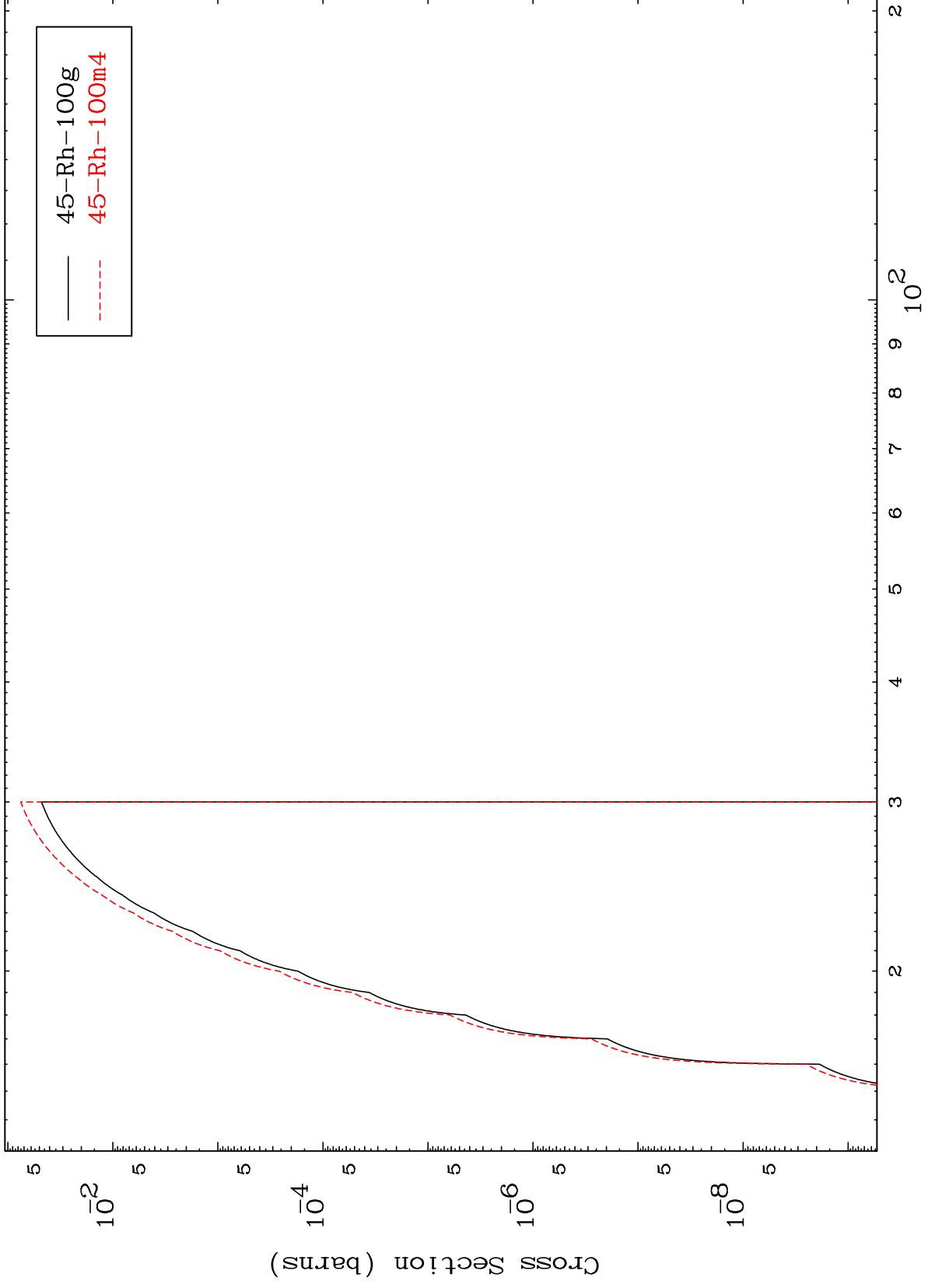
47-Ag-102m

MAT 4711

(n,2n) p

47-Ag-102m

Radionuclide Production Cross Section



30

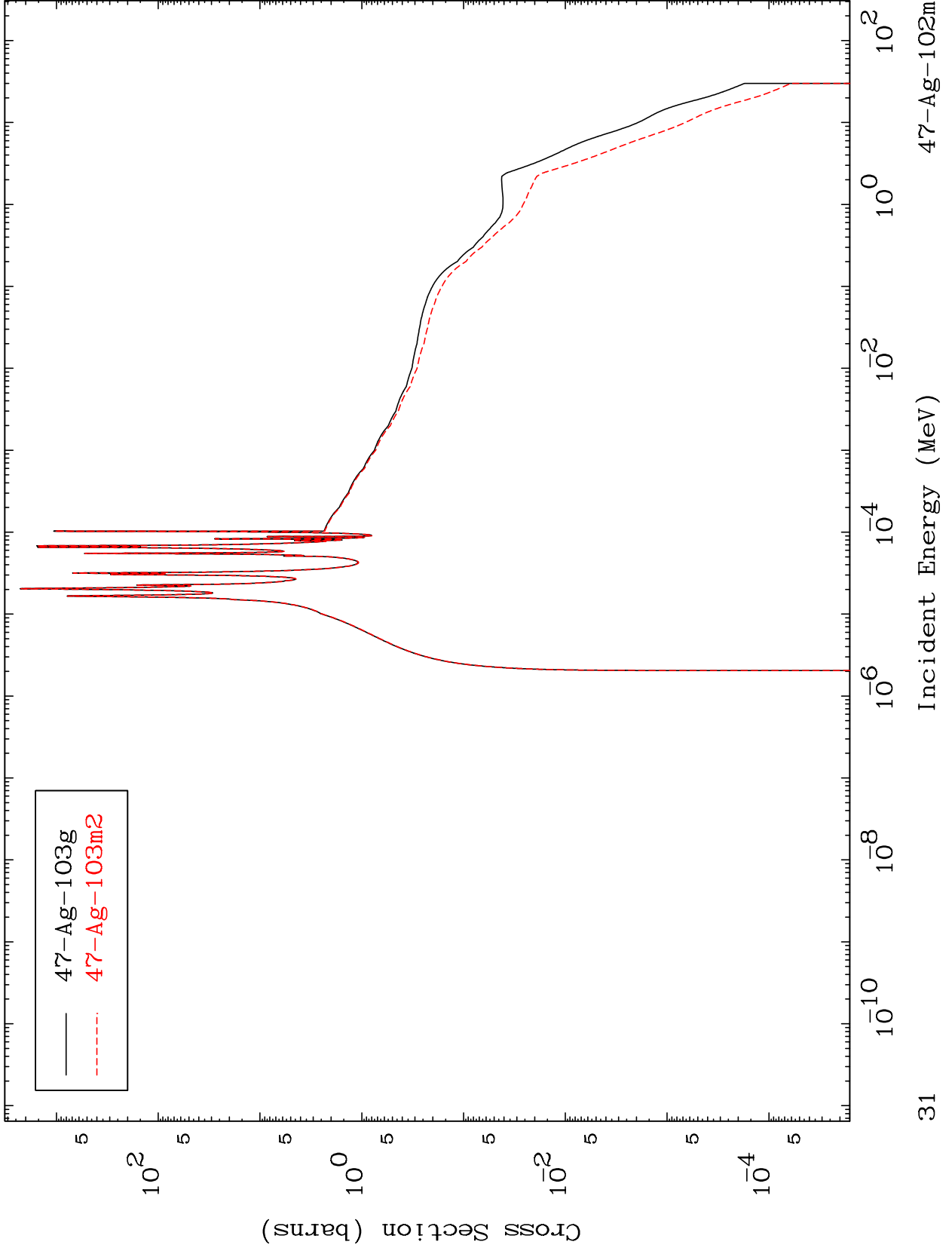
Incident Energy (MeV)

47-Ag-102m

MAT 4711

47-Ag-102m

Radionuclide Production Cross Section

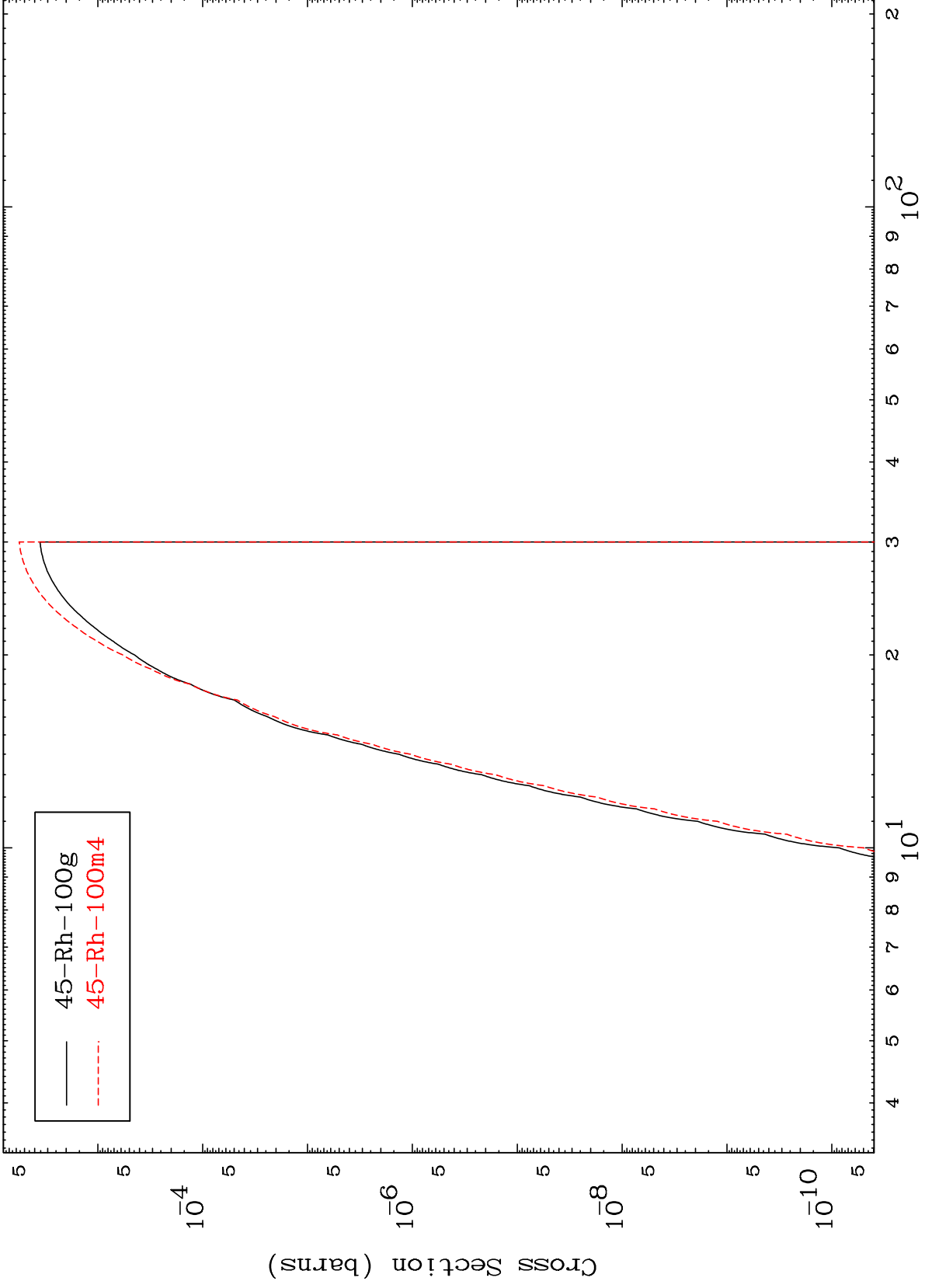


MAT 4711

(n,He-3)

47-Ag-102m

Radionuclide Production Cross Section



32

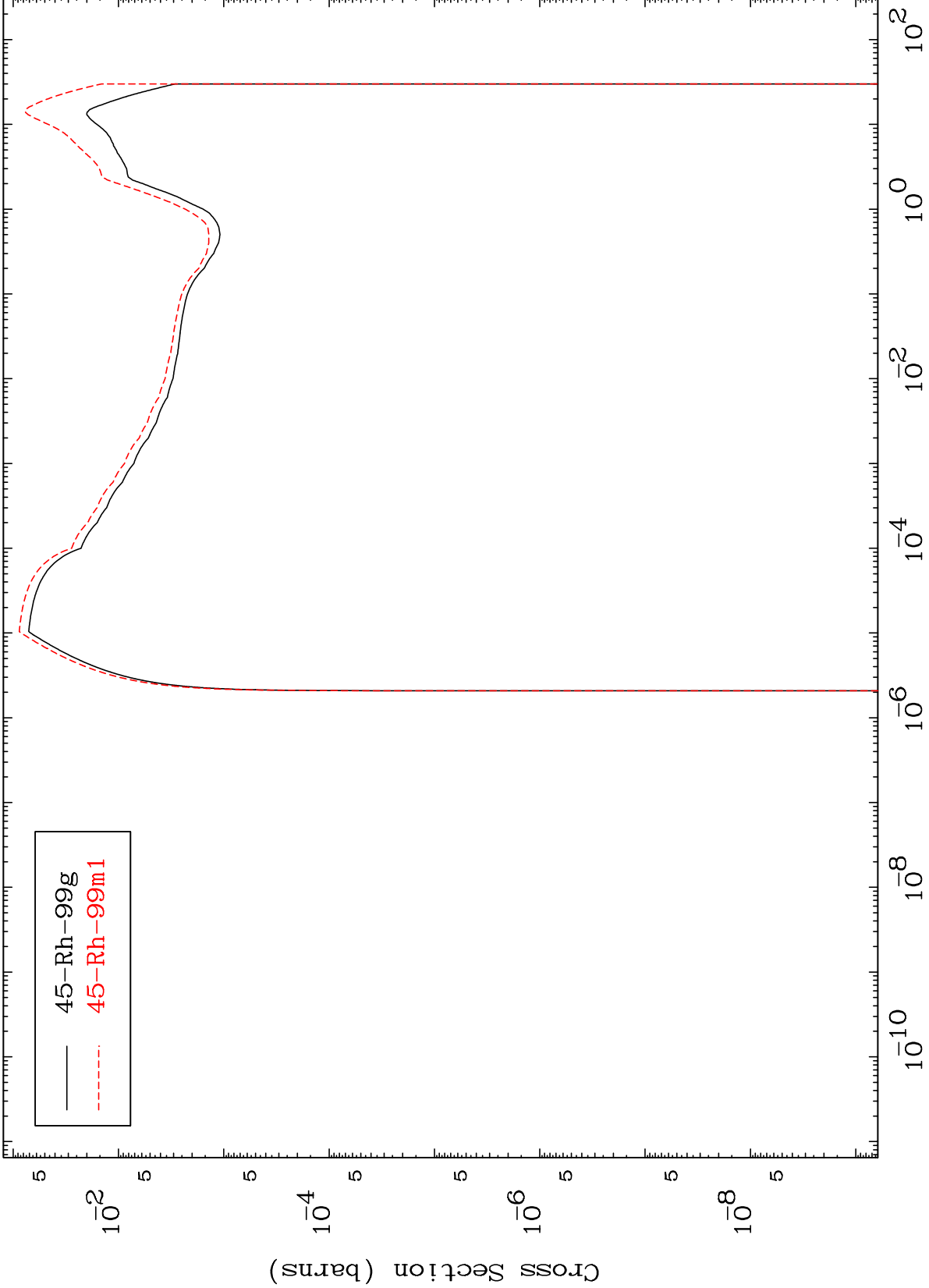
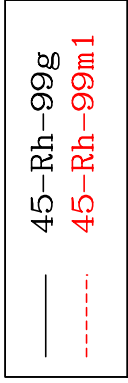
Incident Energy (MeV)

47-Ag-102m

MAT 4711

47-Ag-102m

Radionuclide Production Cross Section

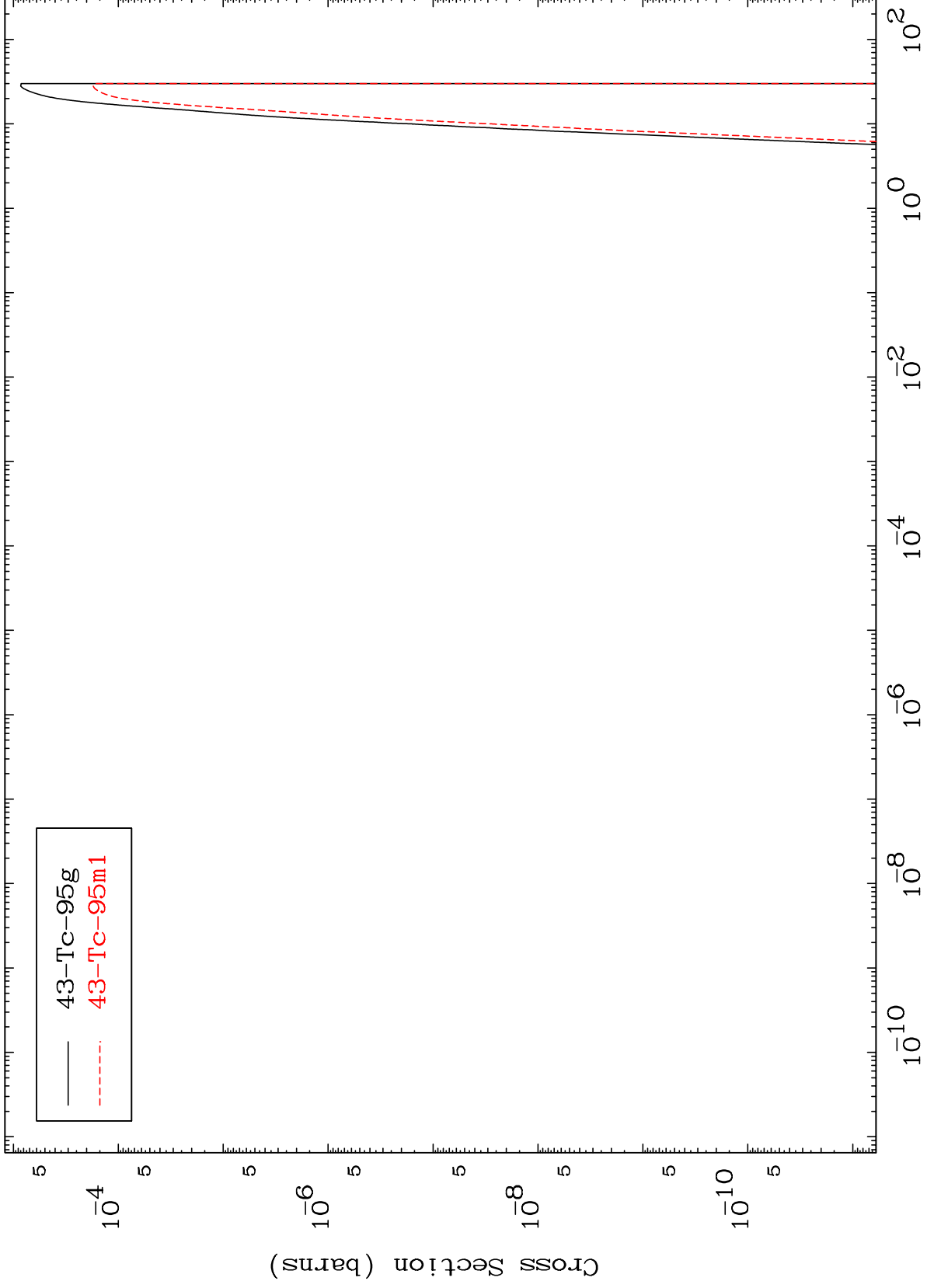


MAT 4711

(n,2α)

47-Ag-102m

Radionuclide Production Cross Section



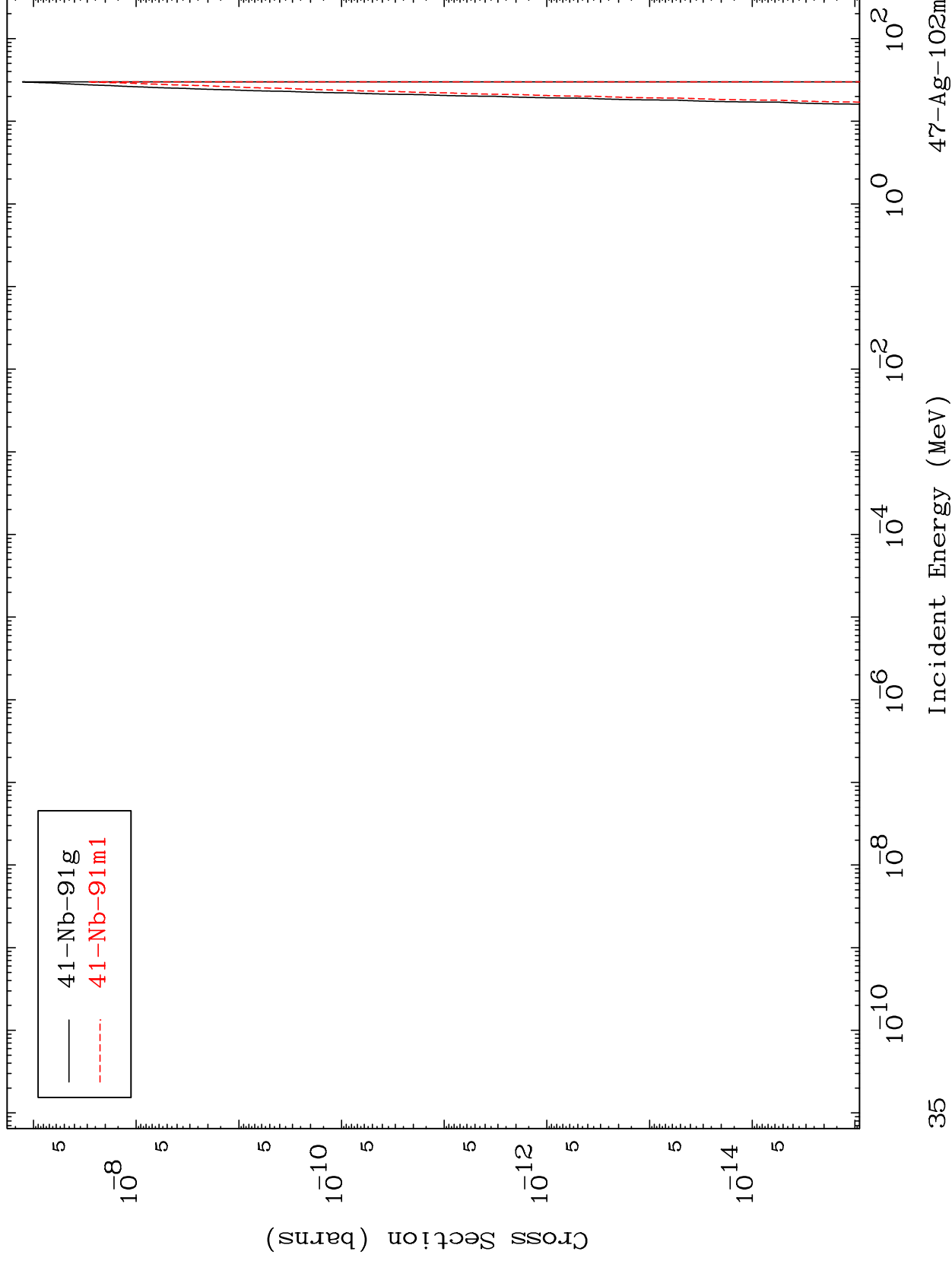
— 43-Tc-95g
- - - 43-Tc-95m1

MAT 4711

(n, 3 α)

47-Ag-102m

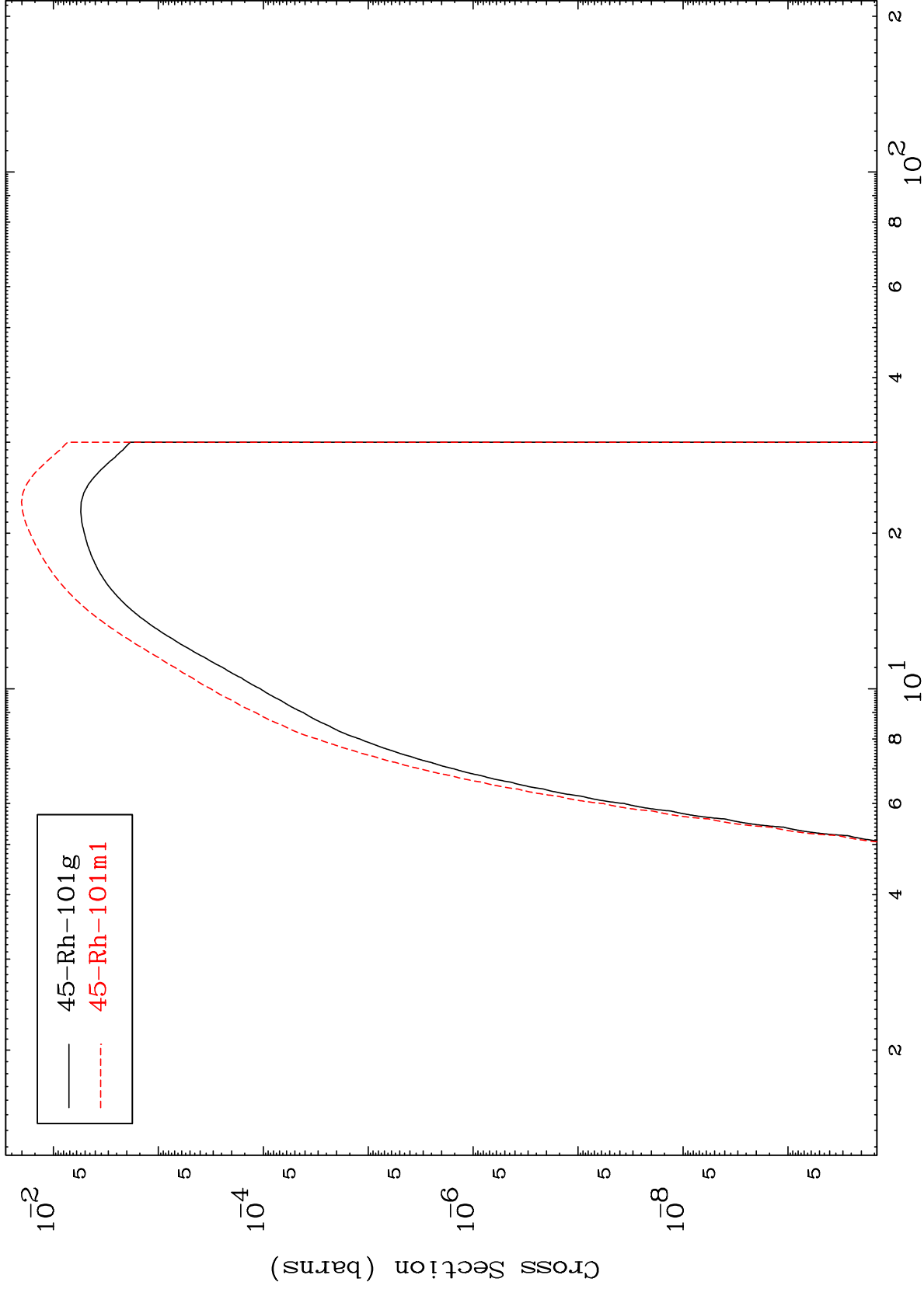
Radionuclide Production Cross Section



MAT 4711

47-Ag-102m

(n,2p)
Radionuclide Production Cross Section



36

Incident Energy (MeV)

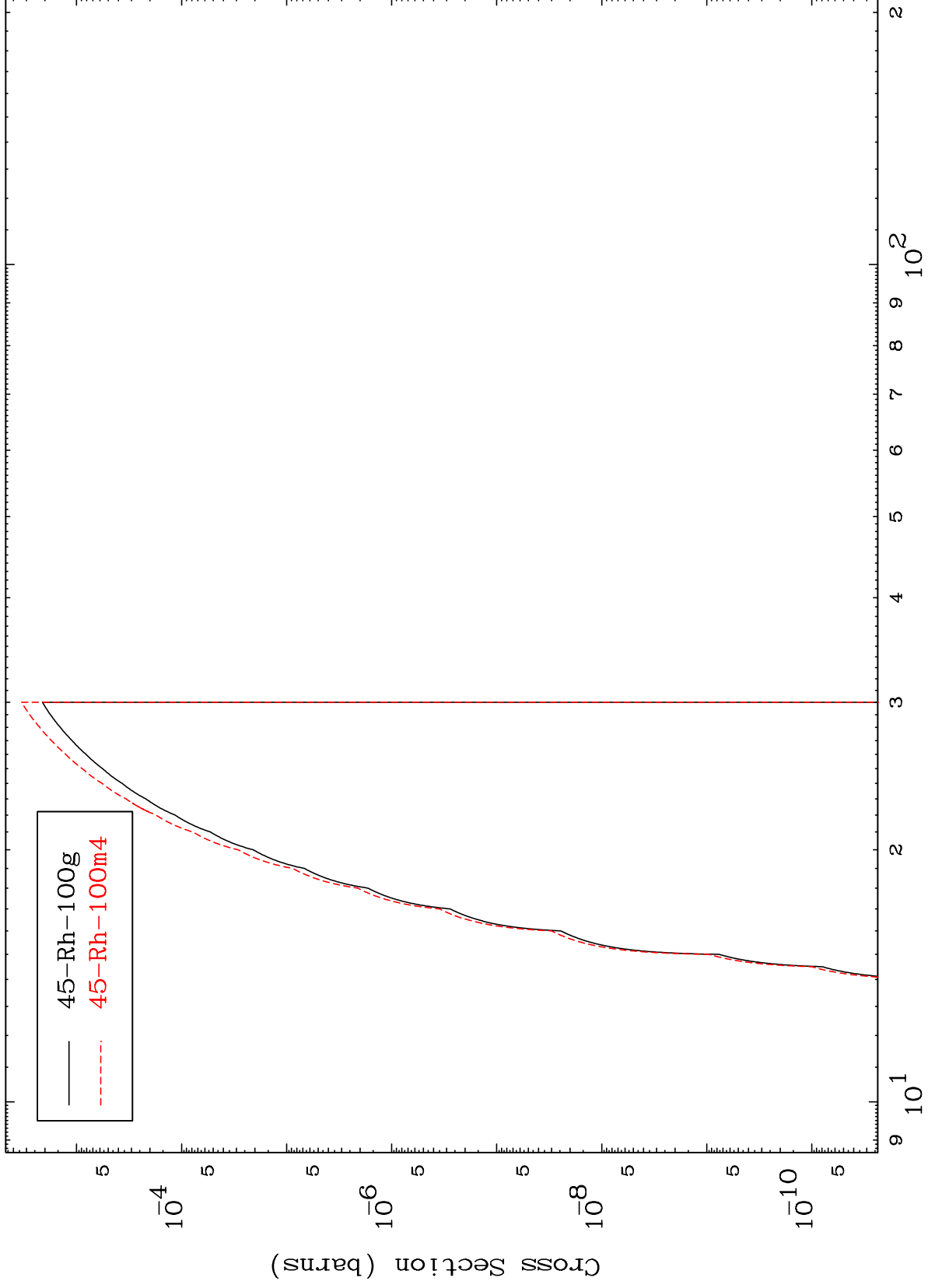
47-Ag-102m

MAT 4711

(n,p) d

47-Ag-102m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

47-Ag-102m

Radionuclide Production Cross Section

