

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

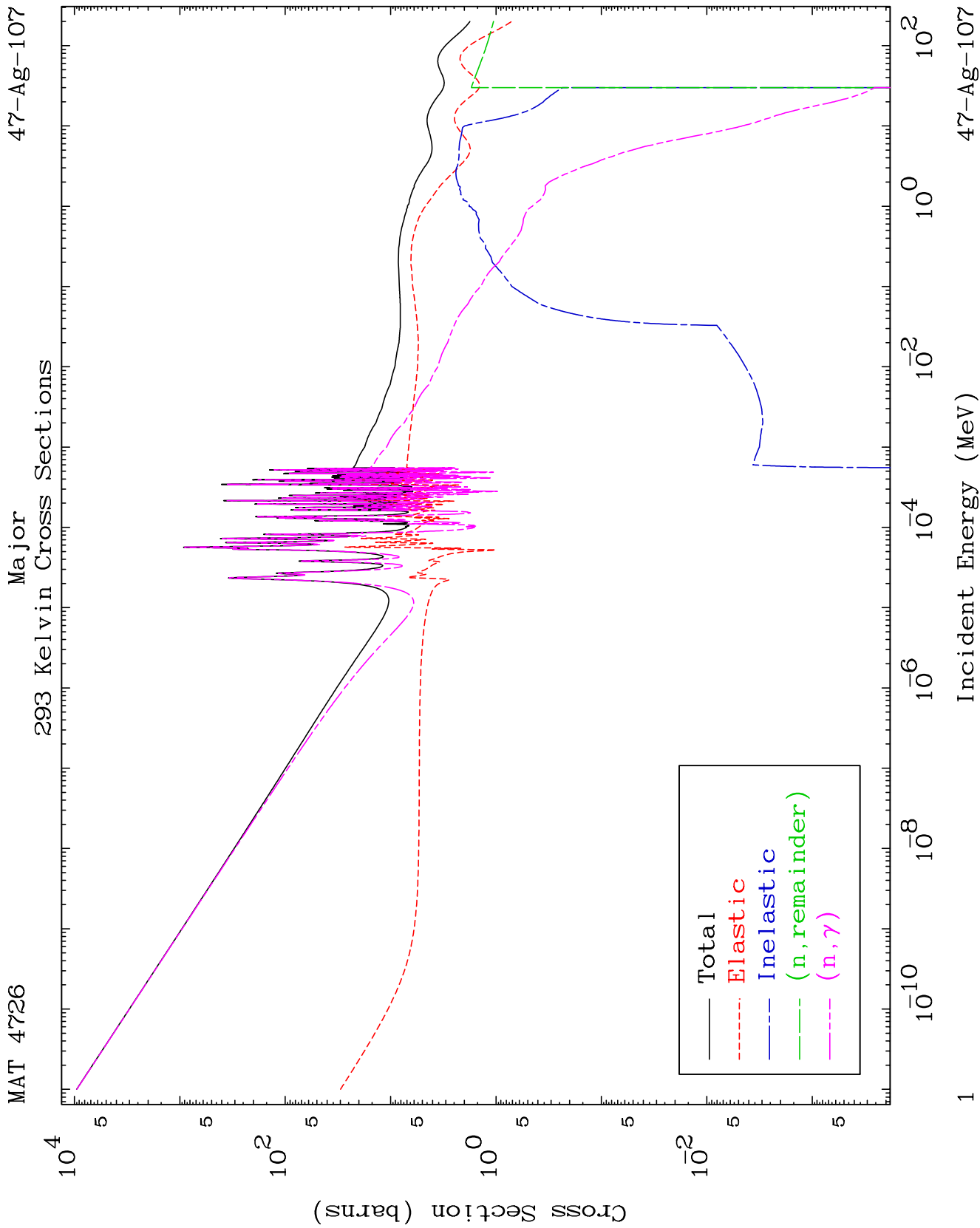
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Web:redcullen1.net/HOMEPAGE.NEW

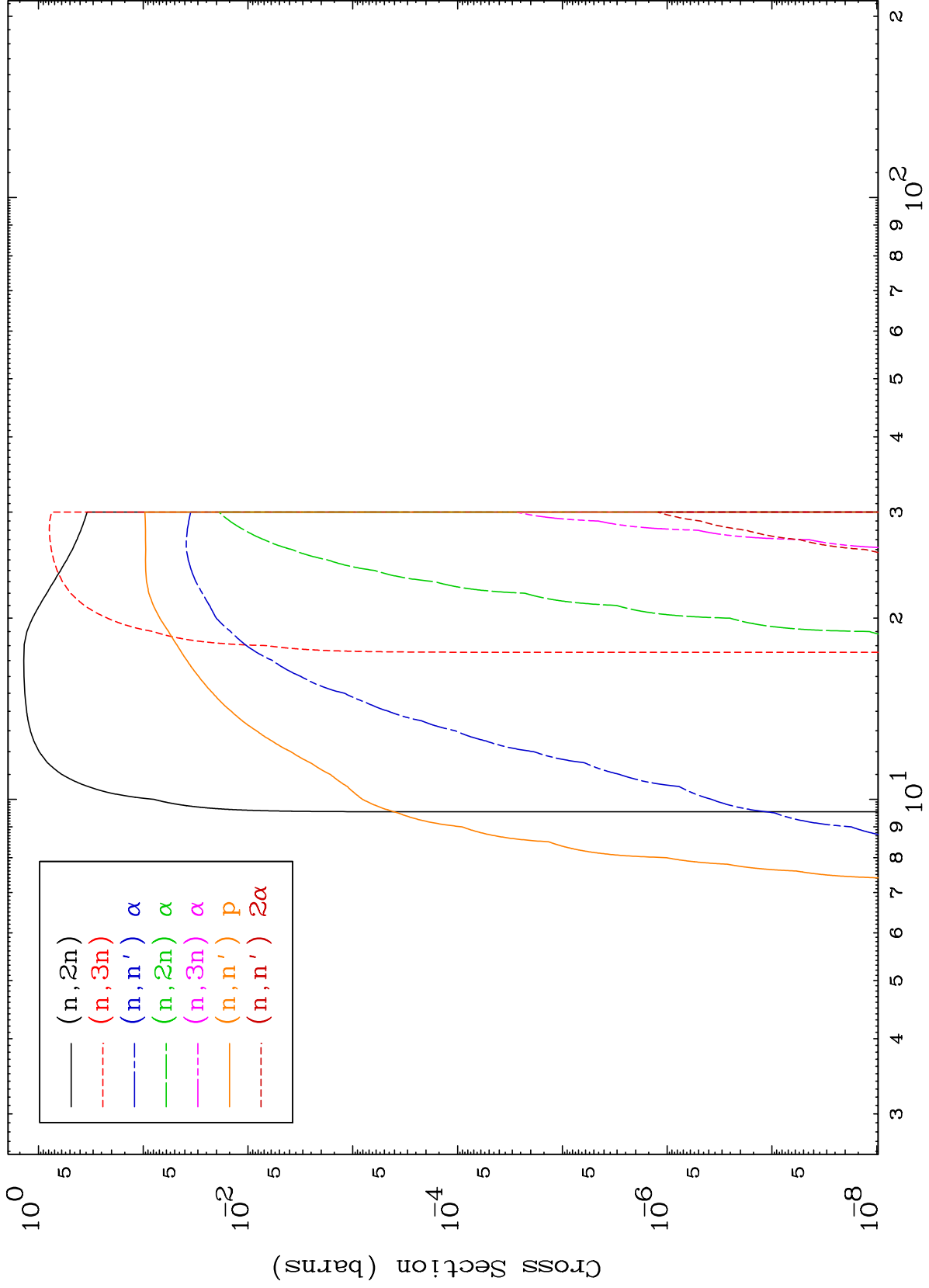
Press Mouse Button to Start



MAT 4726

Neutron Production
293 Kelvin Cross Sections

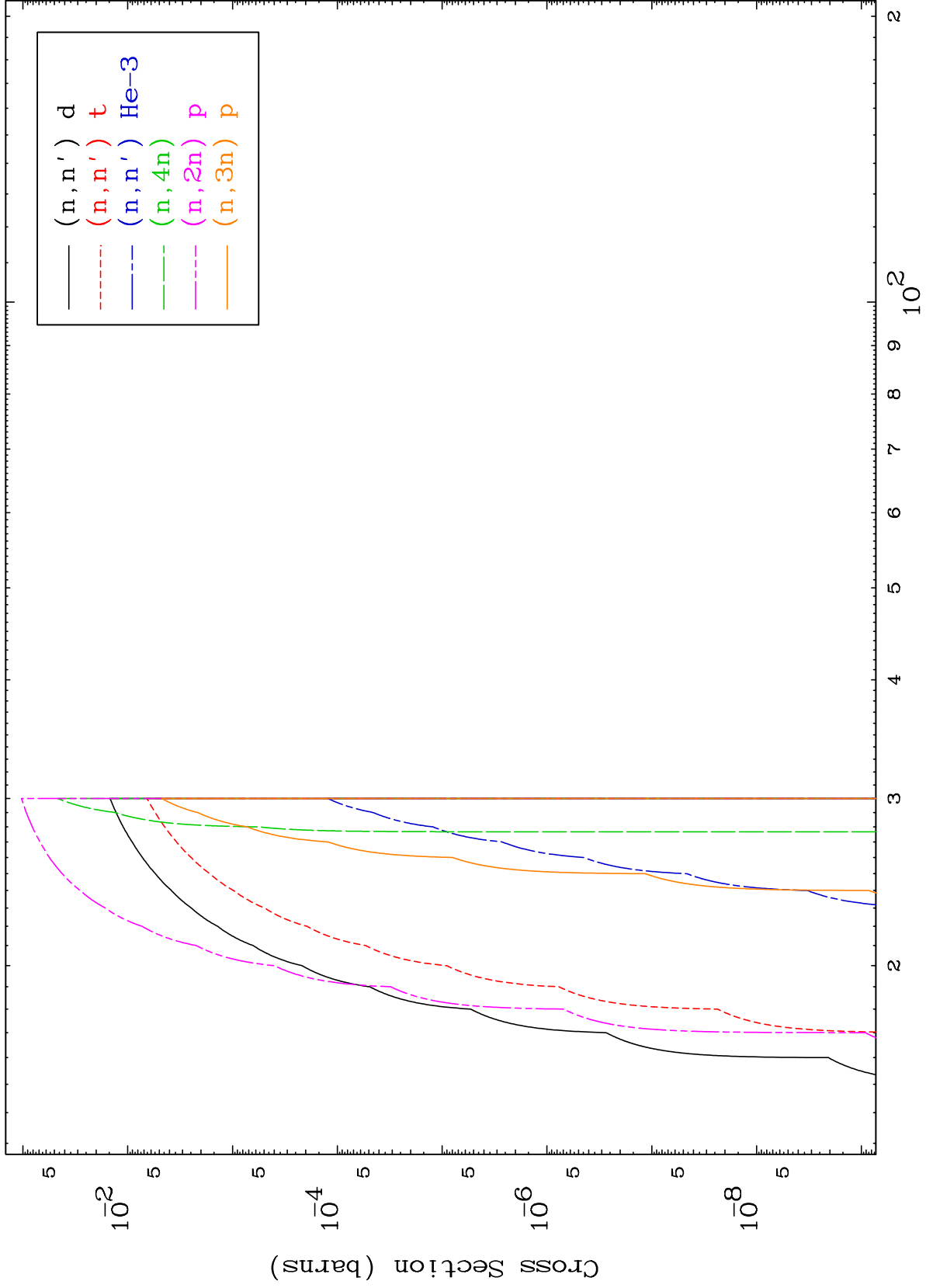
47-Ag-107

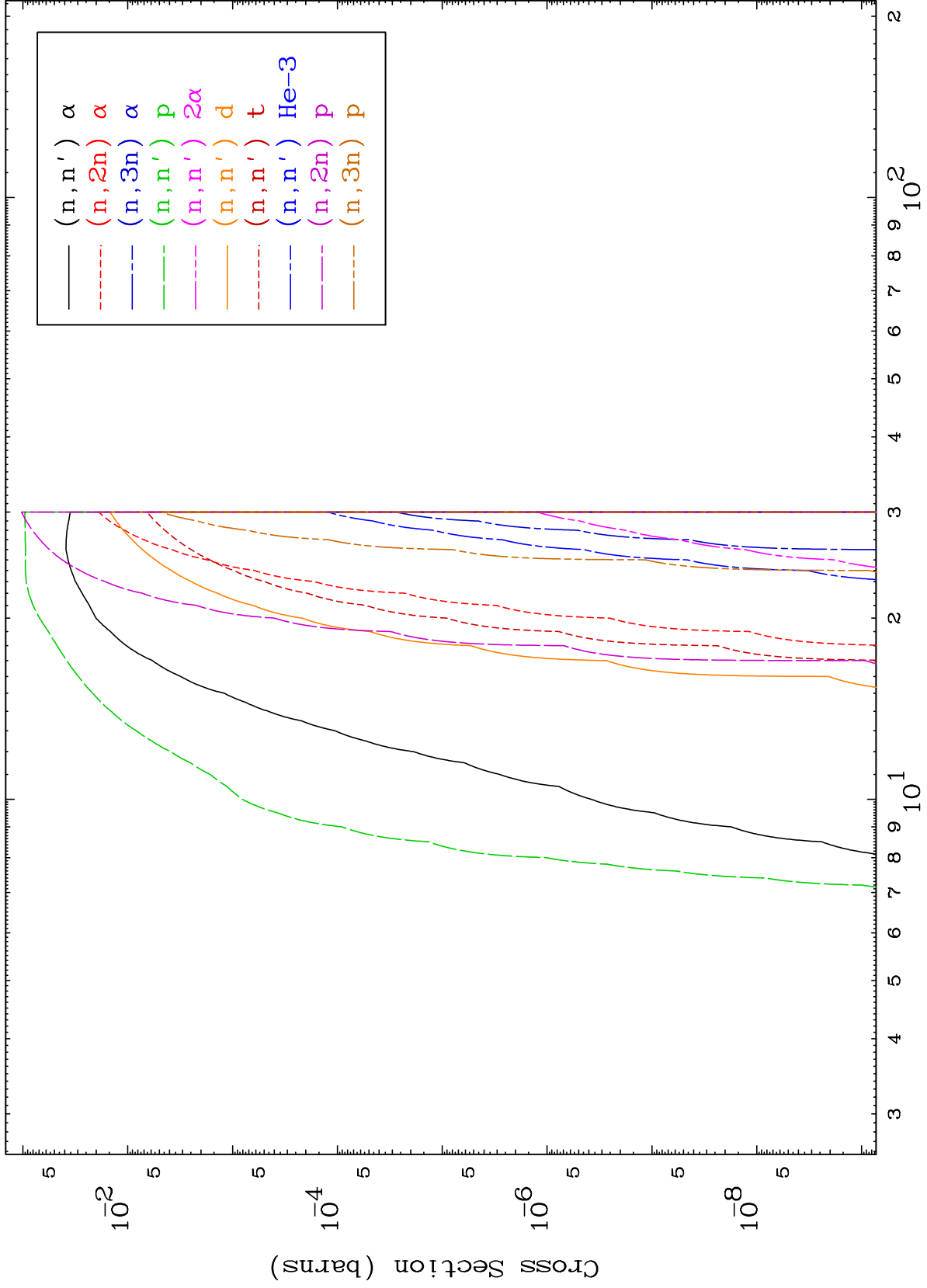


2

Incident Energy (MeV)

47-Ag-107

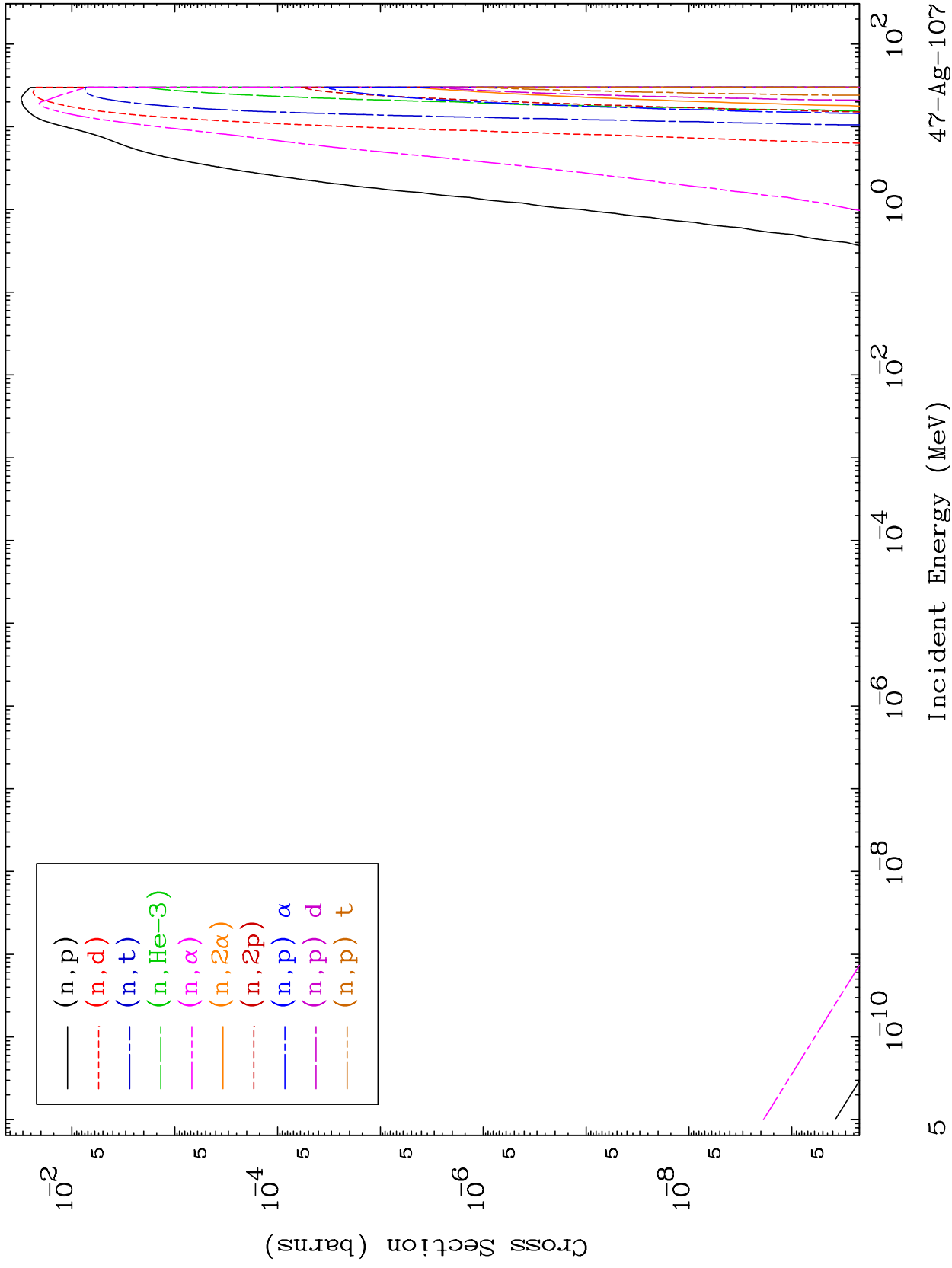


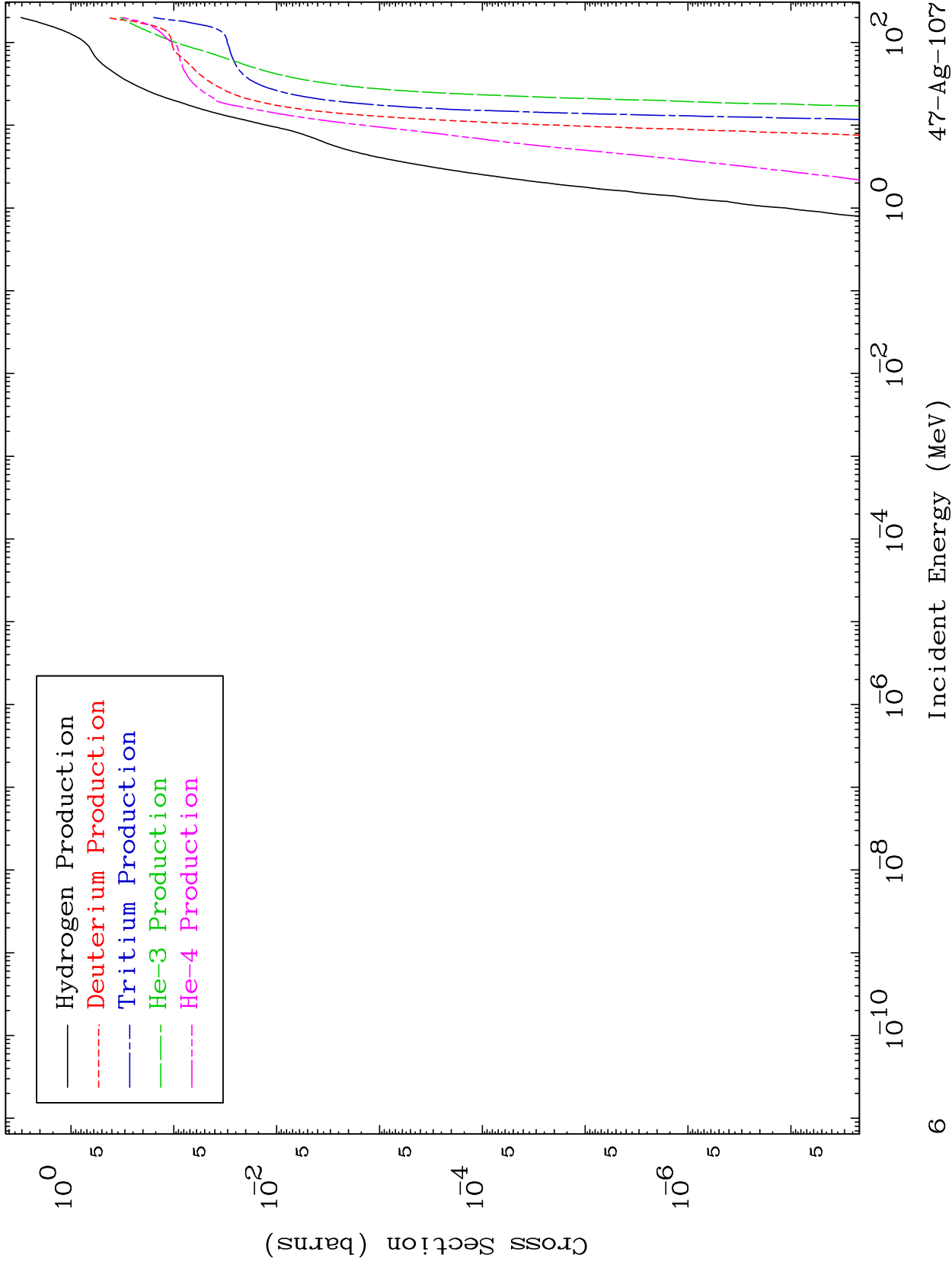


MAT 4726

Charged Particle
293 Kelvin Cross Sections

47-Ag-107

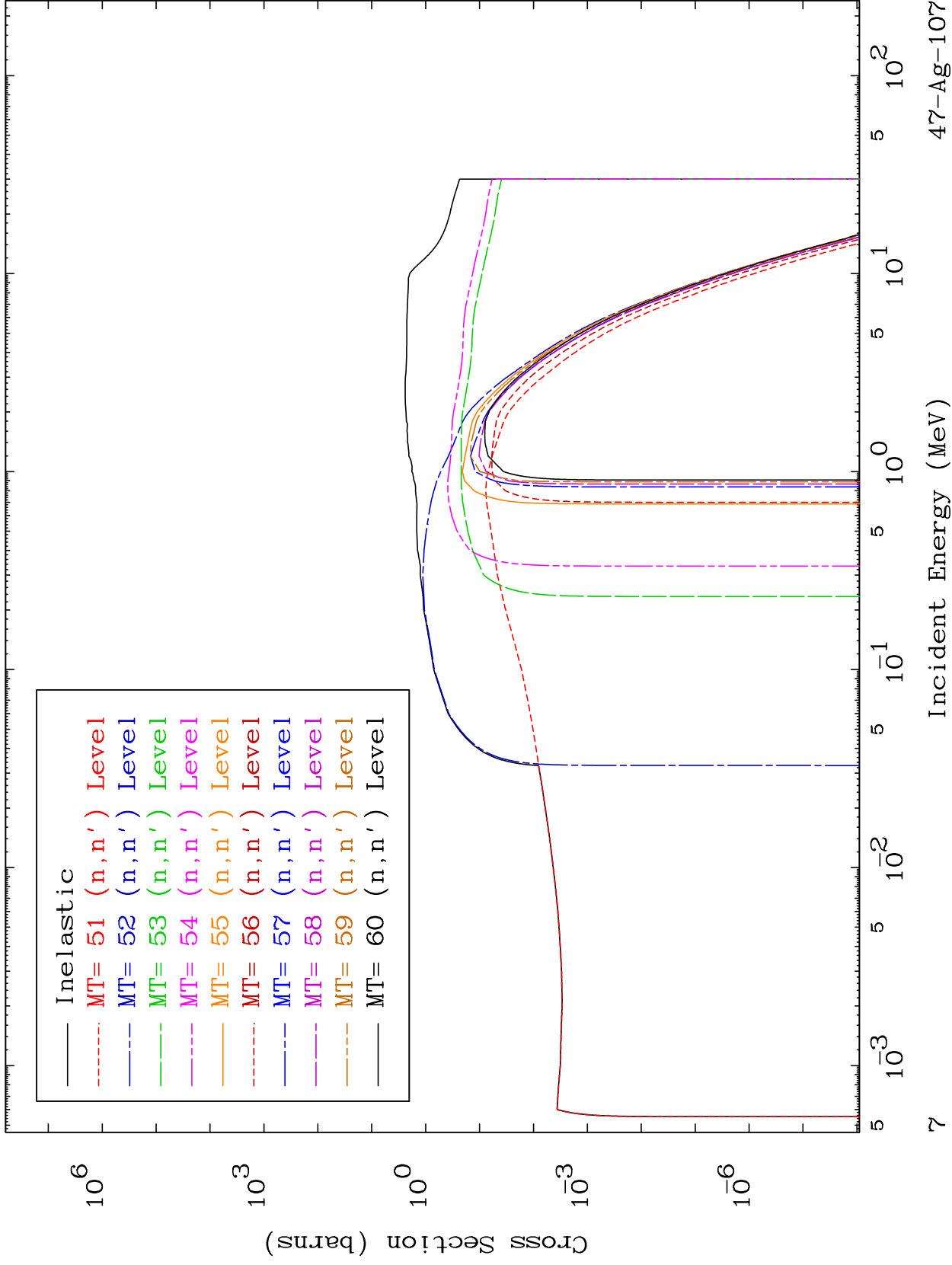




MAT 4726

(n,n') Level
293 Kelvin Cross Sections

47-Ag-107



47-Ag-107

Incident Energy (MeV)

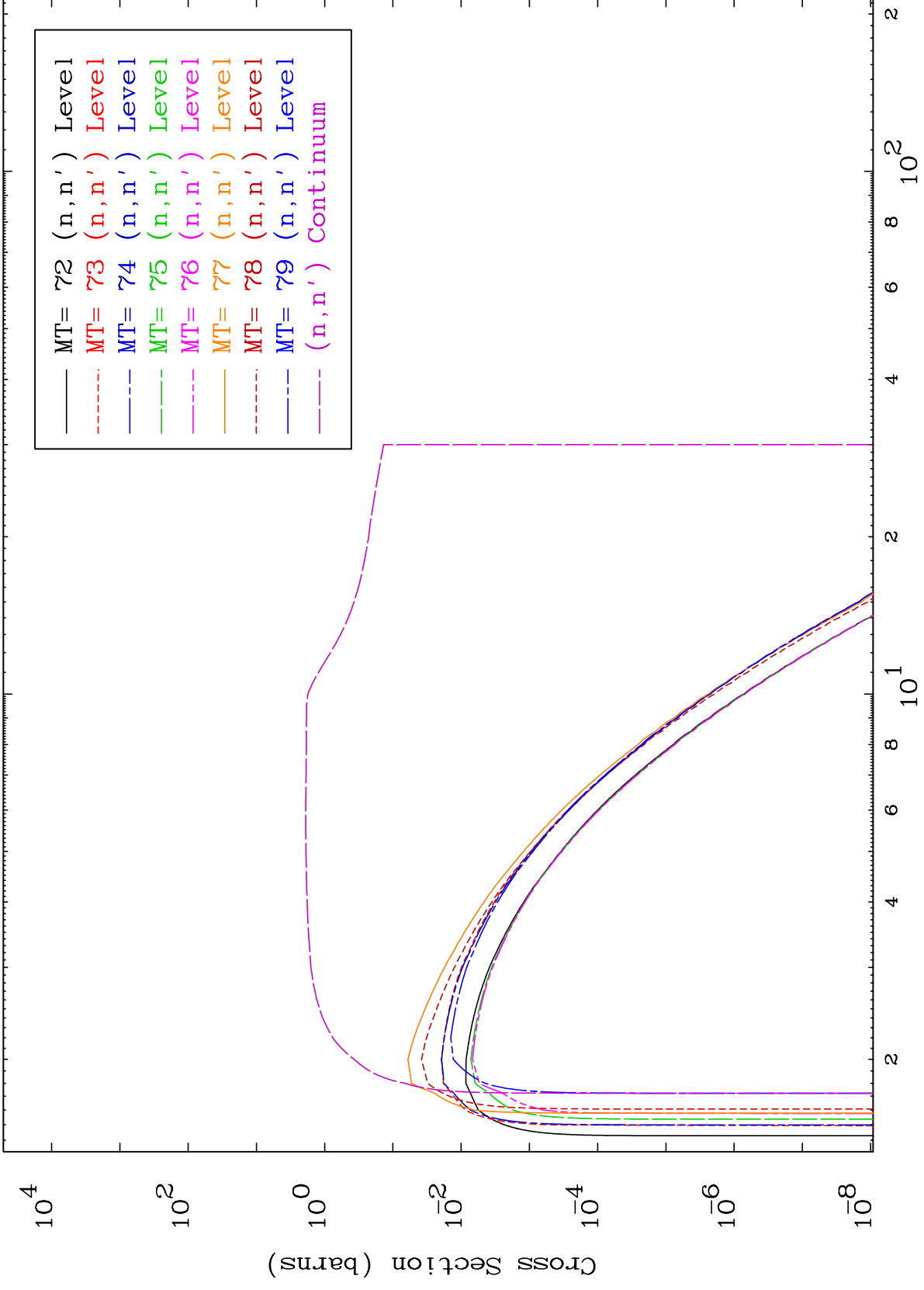
7

MAT 4726

(n,n') Level

47-Ag-107

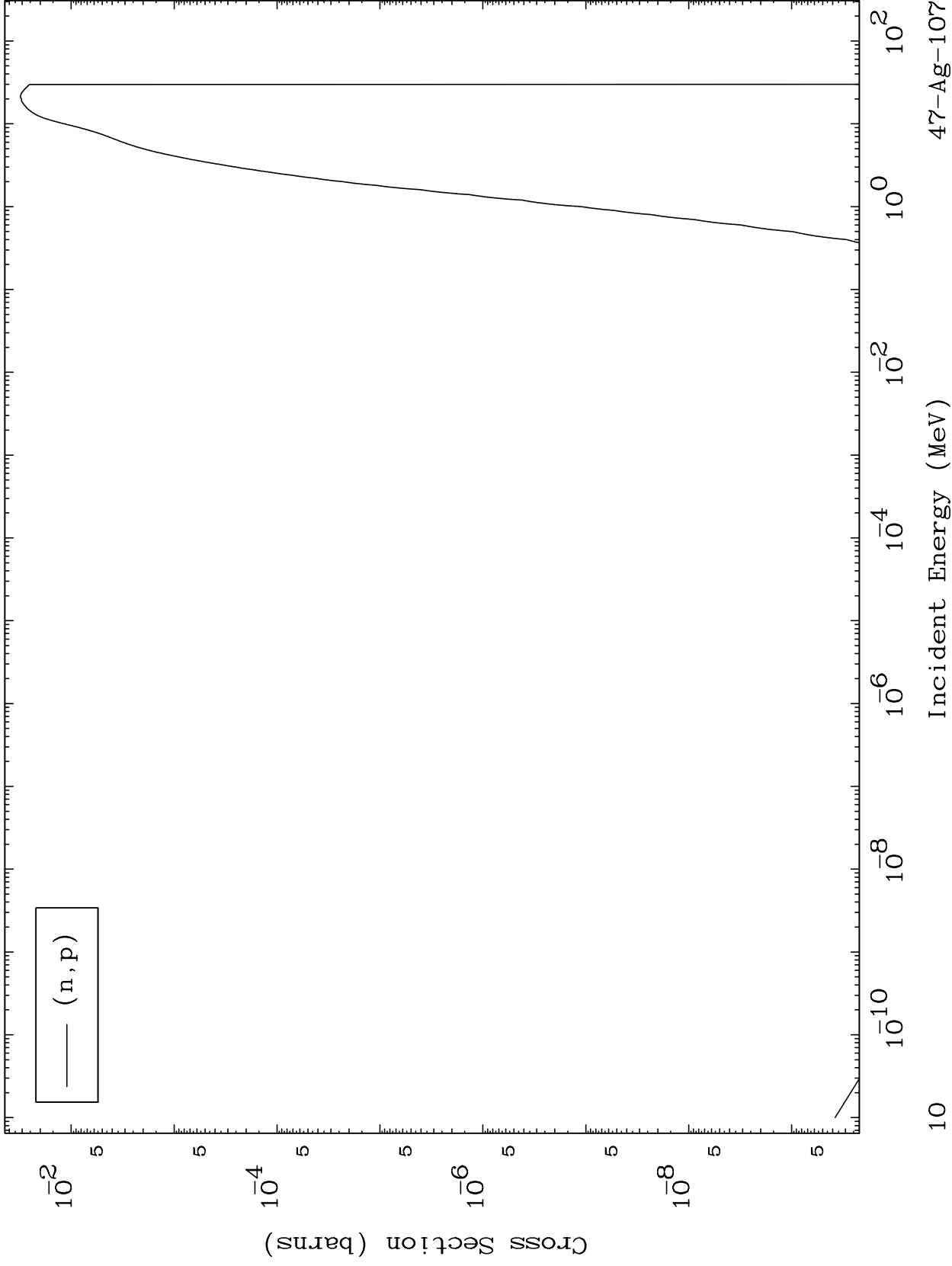
293 Kelvin Cross Sections



MAT 4726

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-107



47-Ag-107

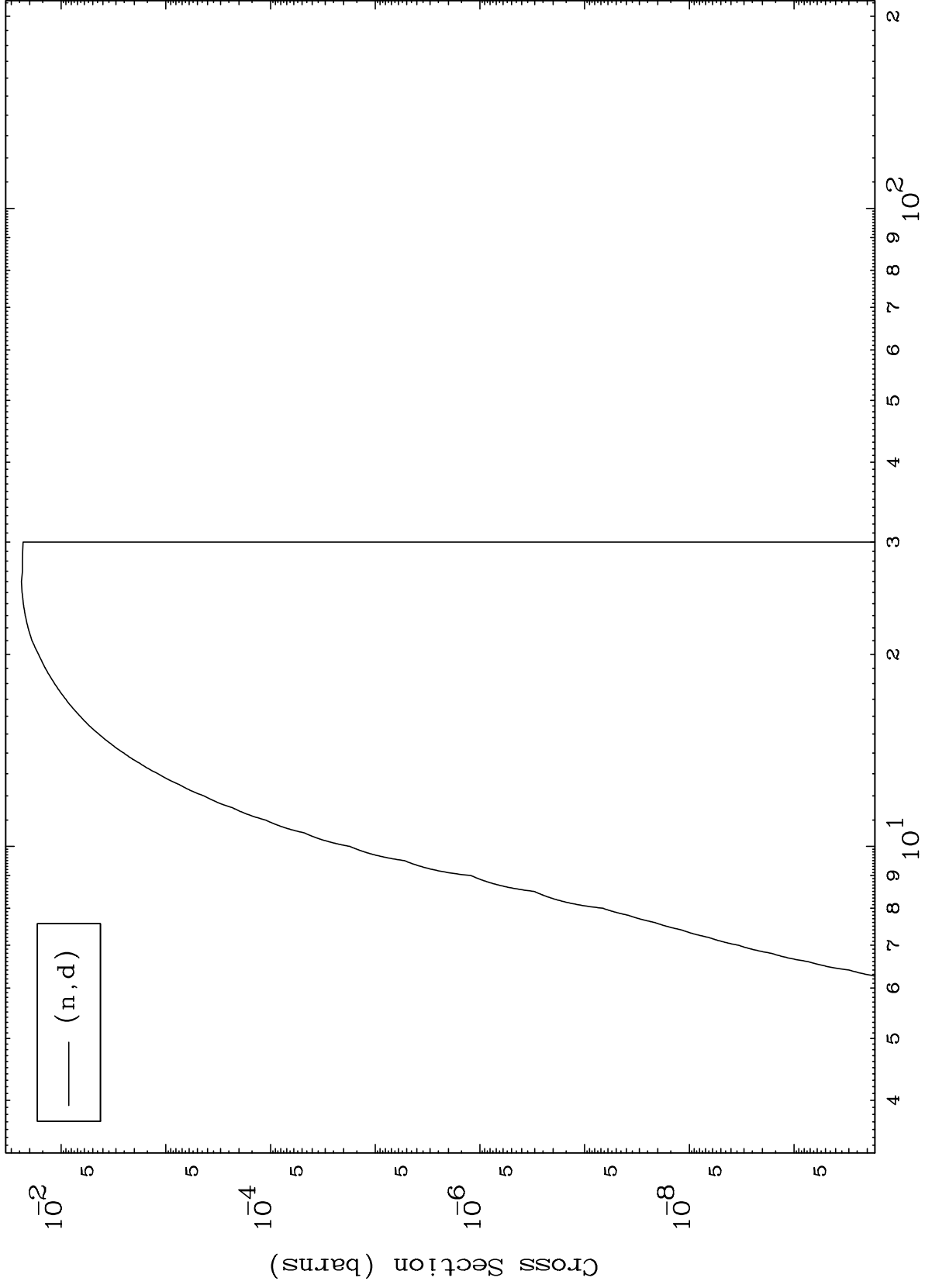
Incident Energy (MeV)

10

MAT 4726

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-107



11

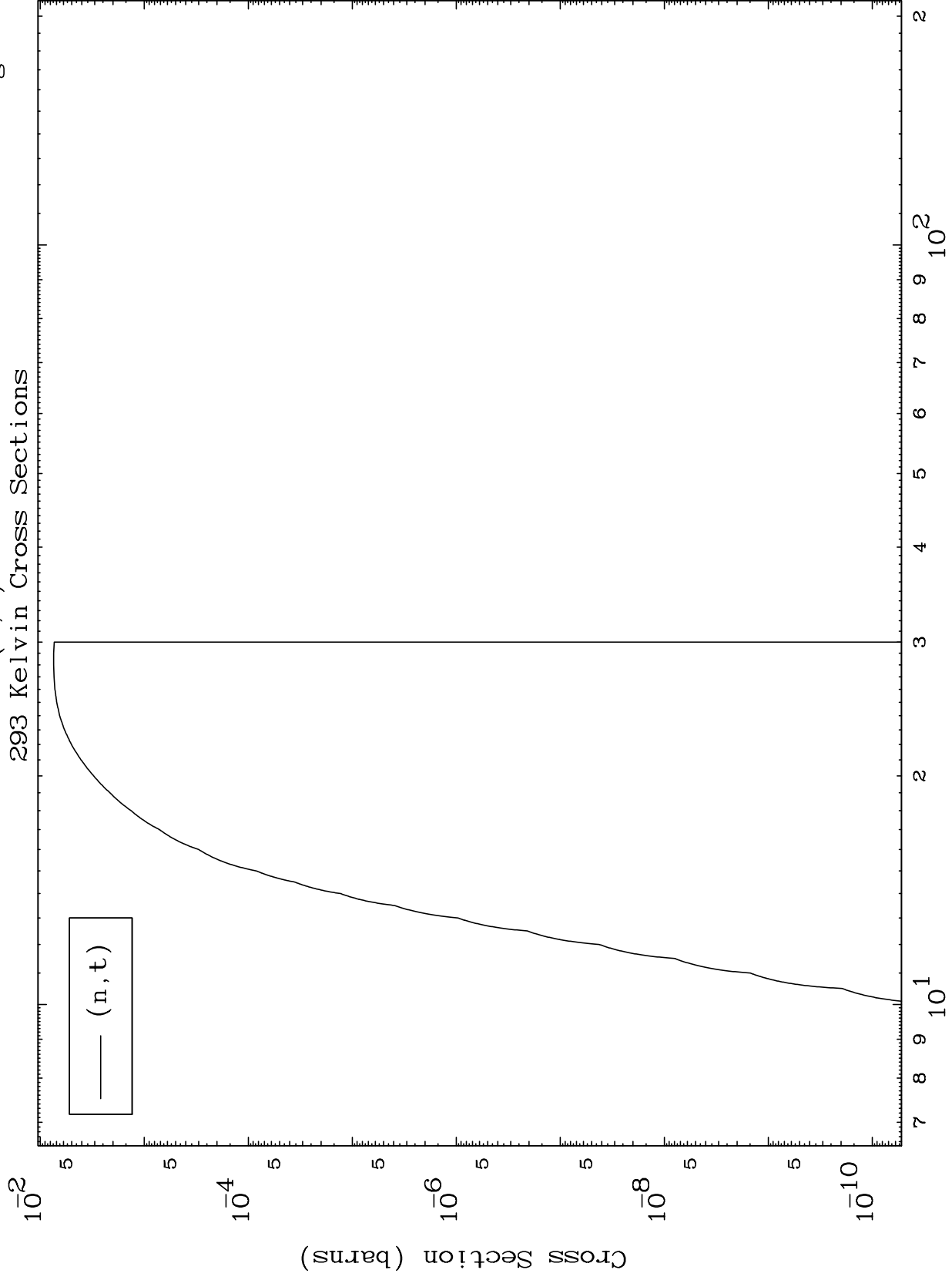
Incident Energy (MeV)

47-Ag-107

MAT 4726

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-107



12

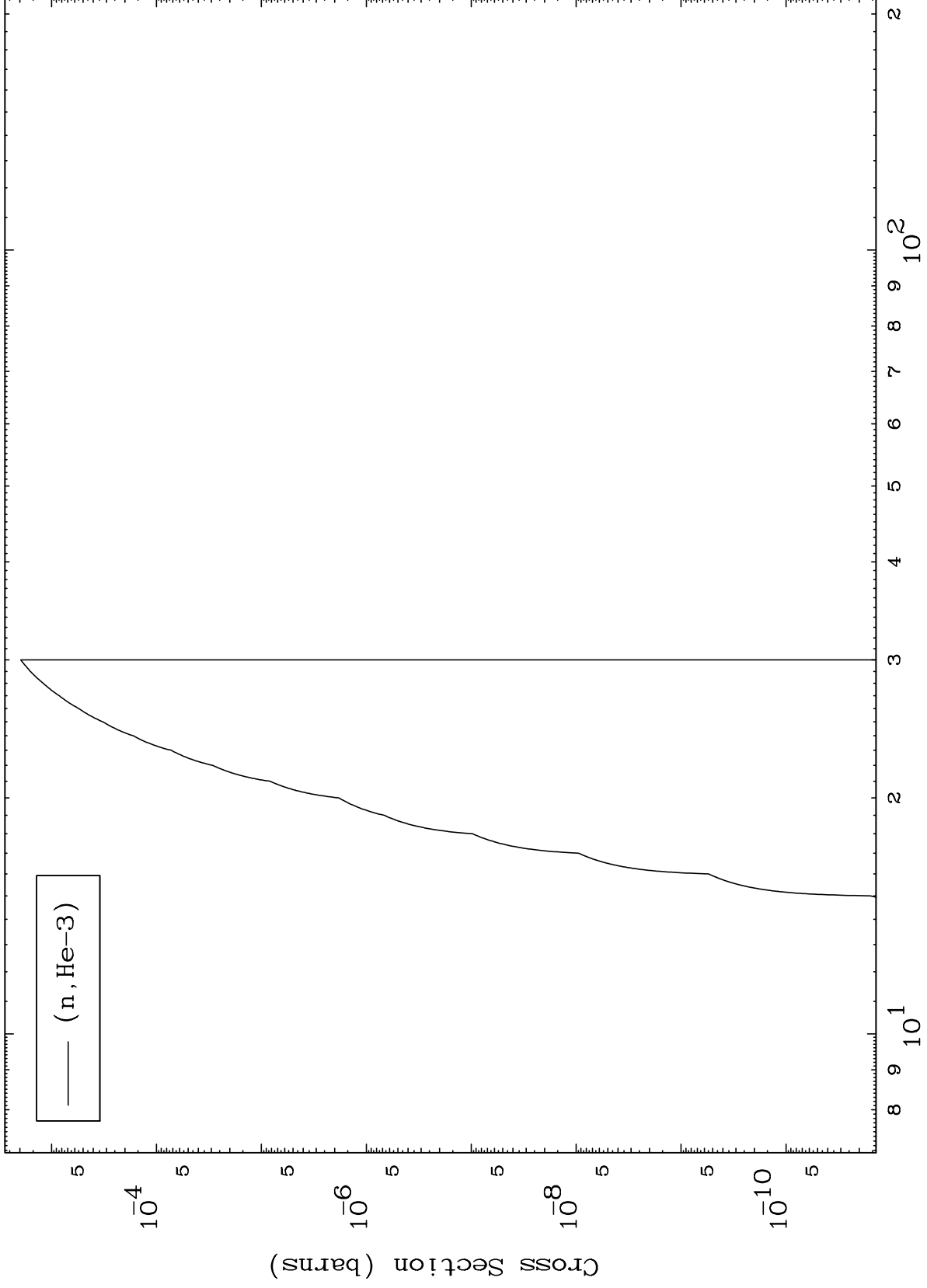
Incident Energy (MeV)

47-Ag-107

MAT 4726

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-107



13

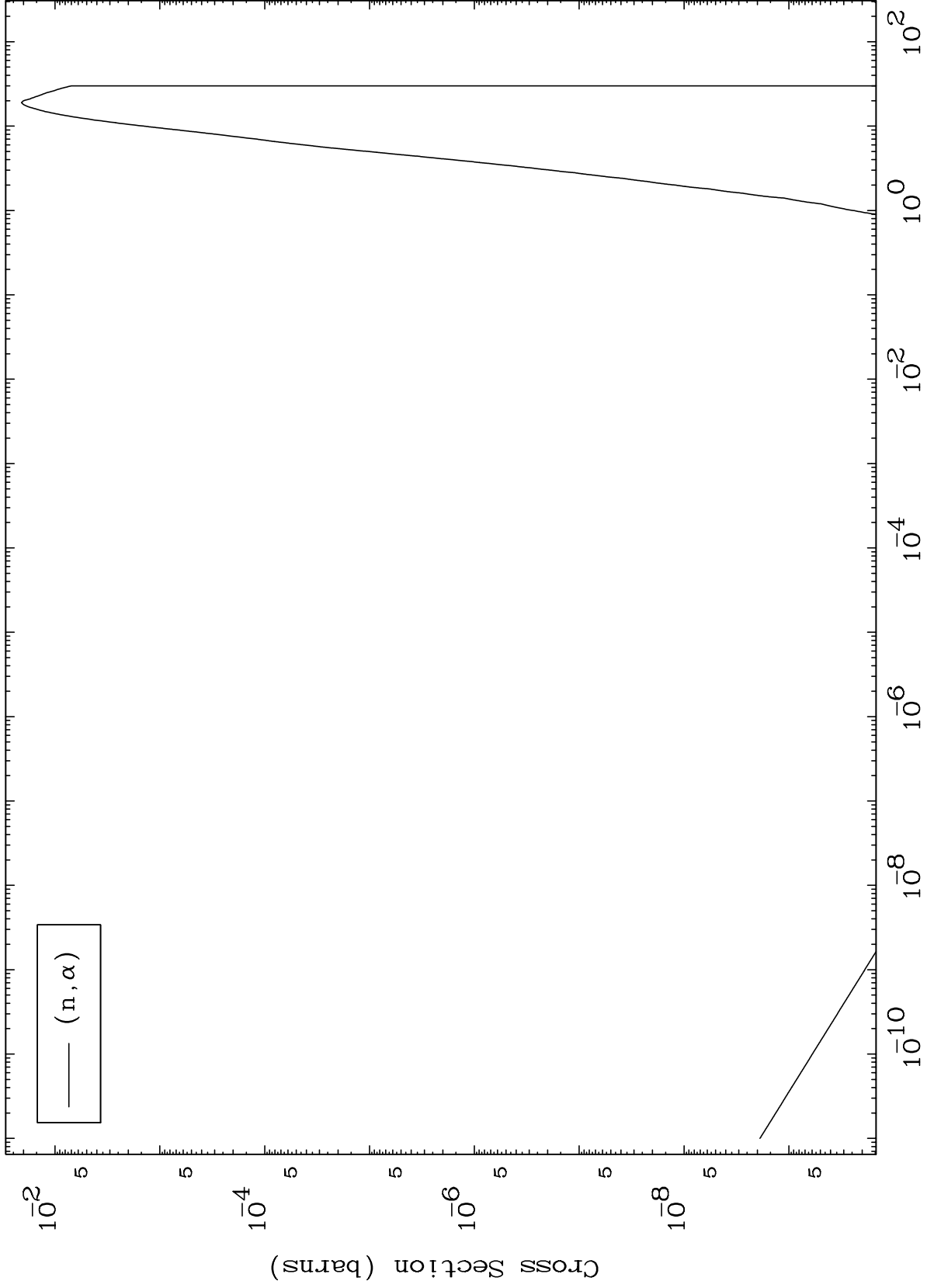
Incident Energy (MeV)

47-Ag-107

MAT 4726

(n, α) Levels
293 Kelvin Cross Sections

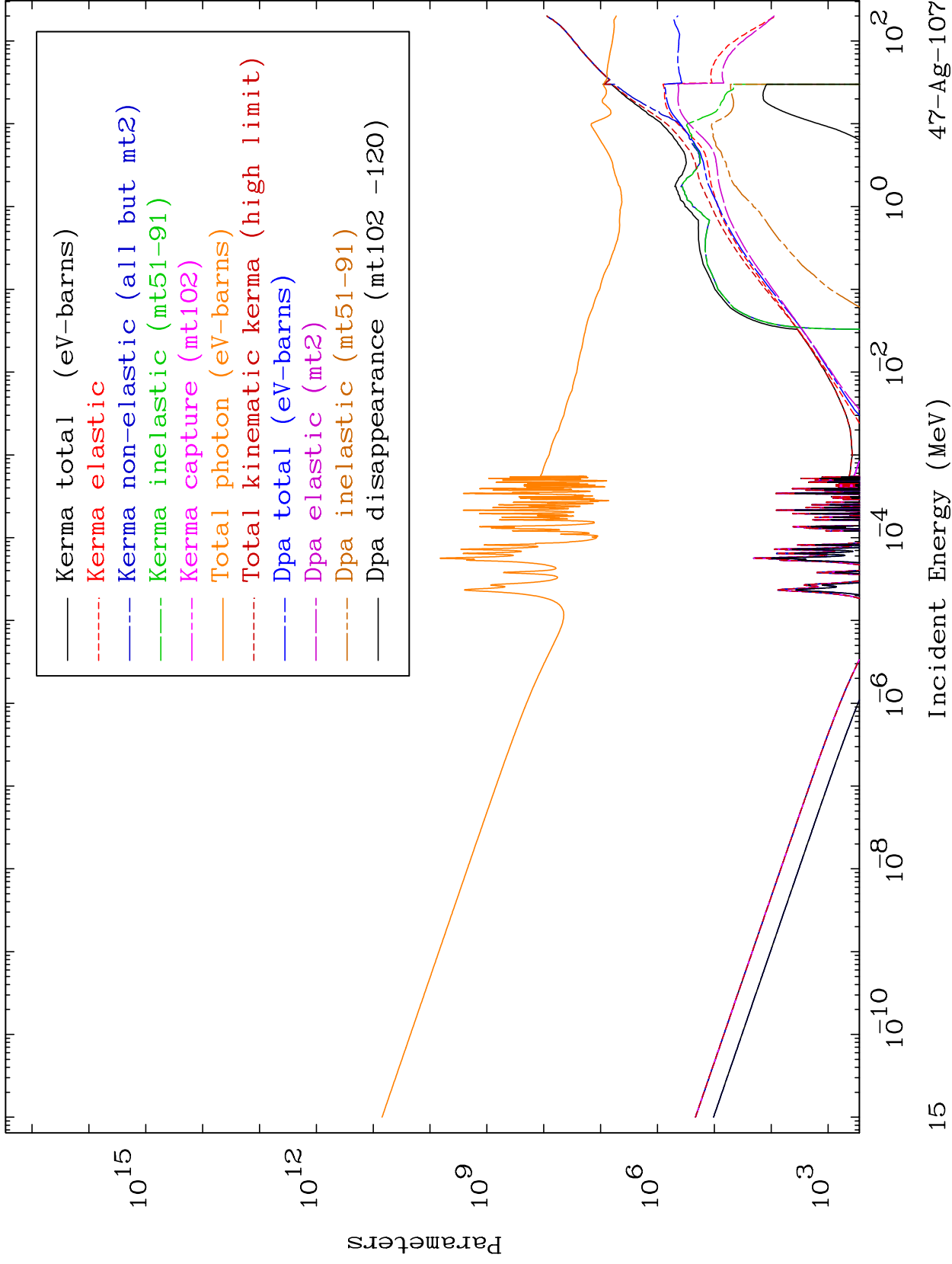
47-Ag-107



14

Incident Energy (MeV)

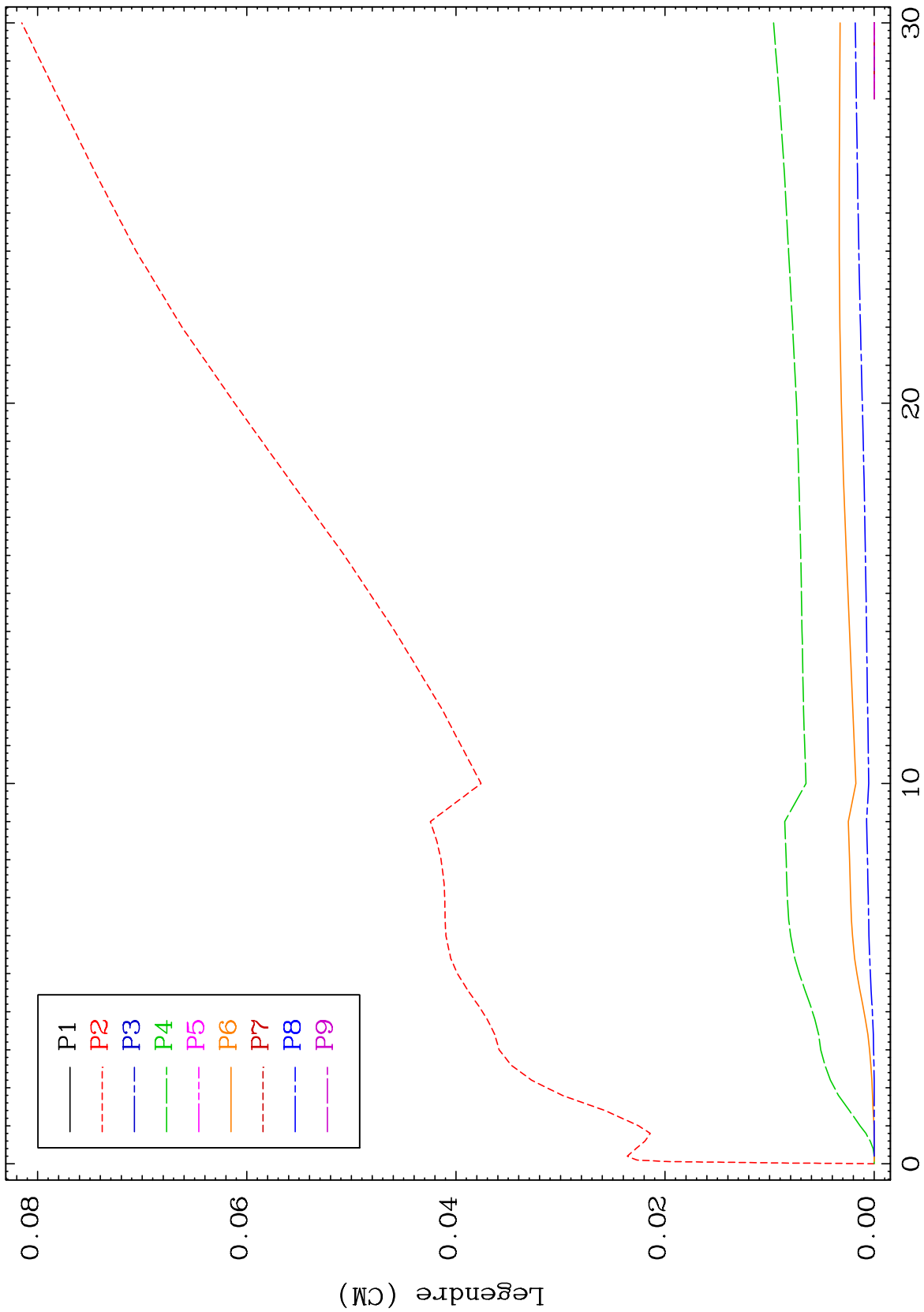
47-Ag-107



MAT 4726

Elastic Legendre Coefficients

47-Ag-107



16

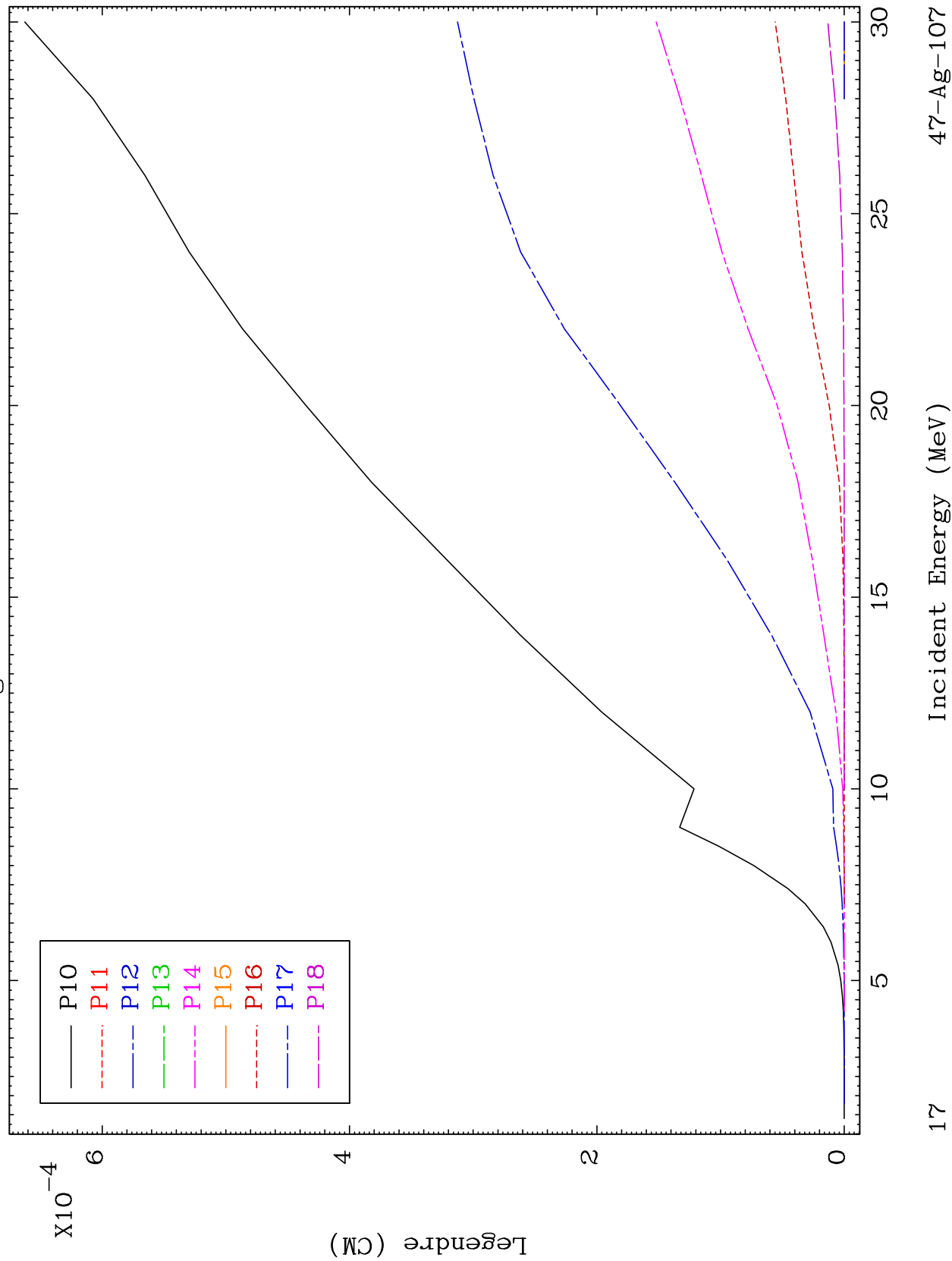
Incident Energy (MeV)

47-Ag-107

MAT 4726

Elastic Legendre Coefficients

47-Ag-107



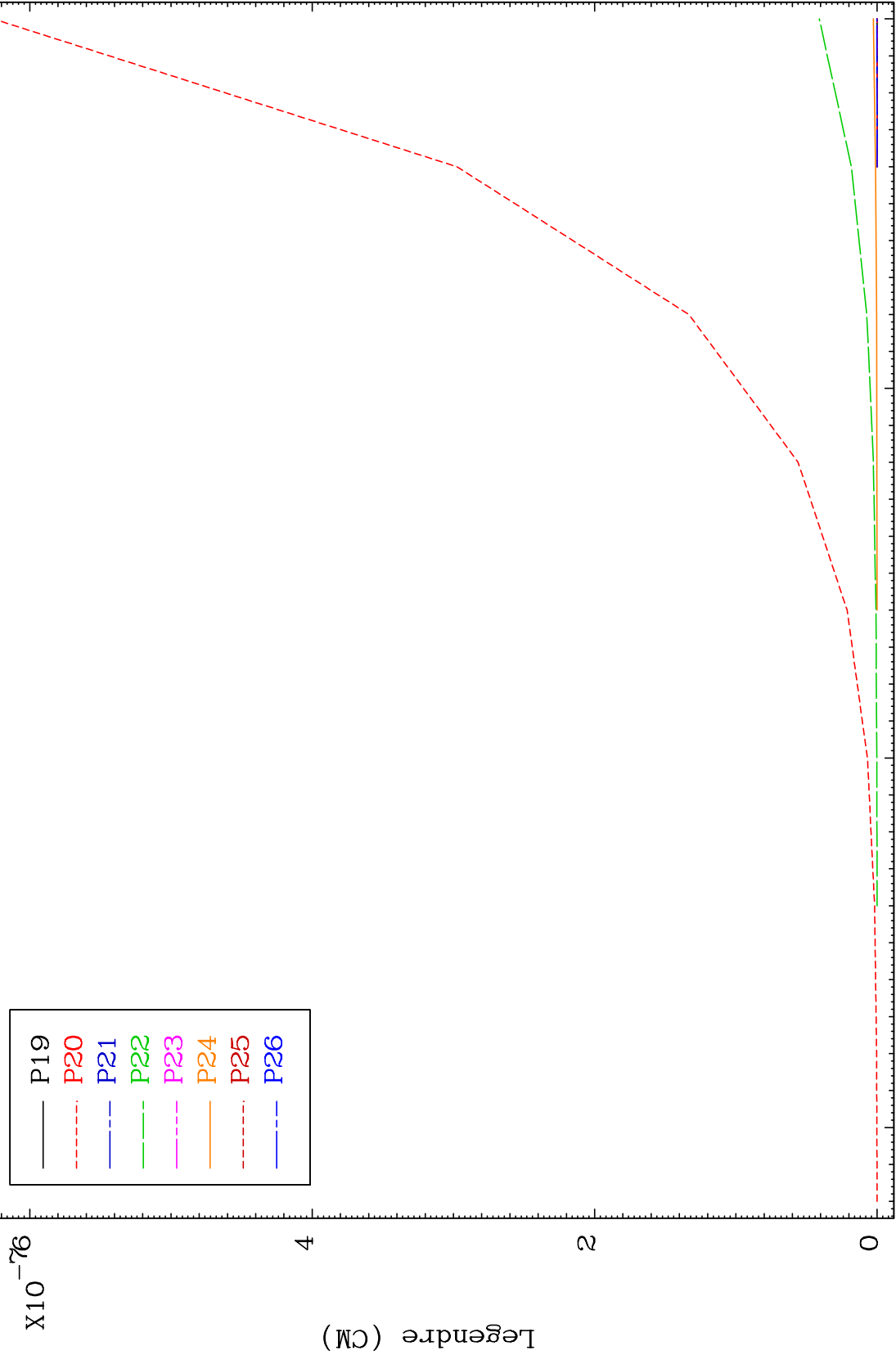
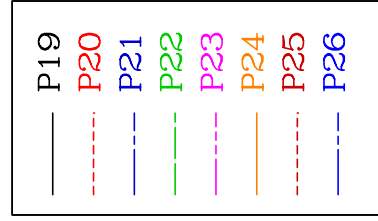
17

47-Ag-107

MAT 4726

Elastic Legendre Coefficients

47-Ag-107



18

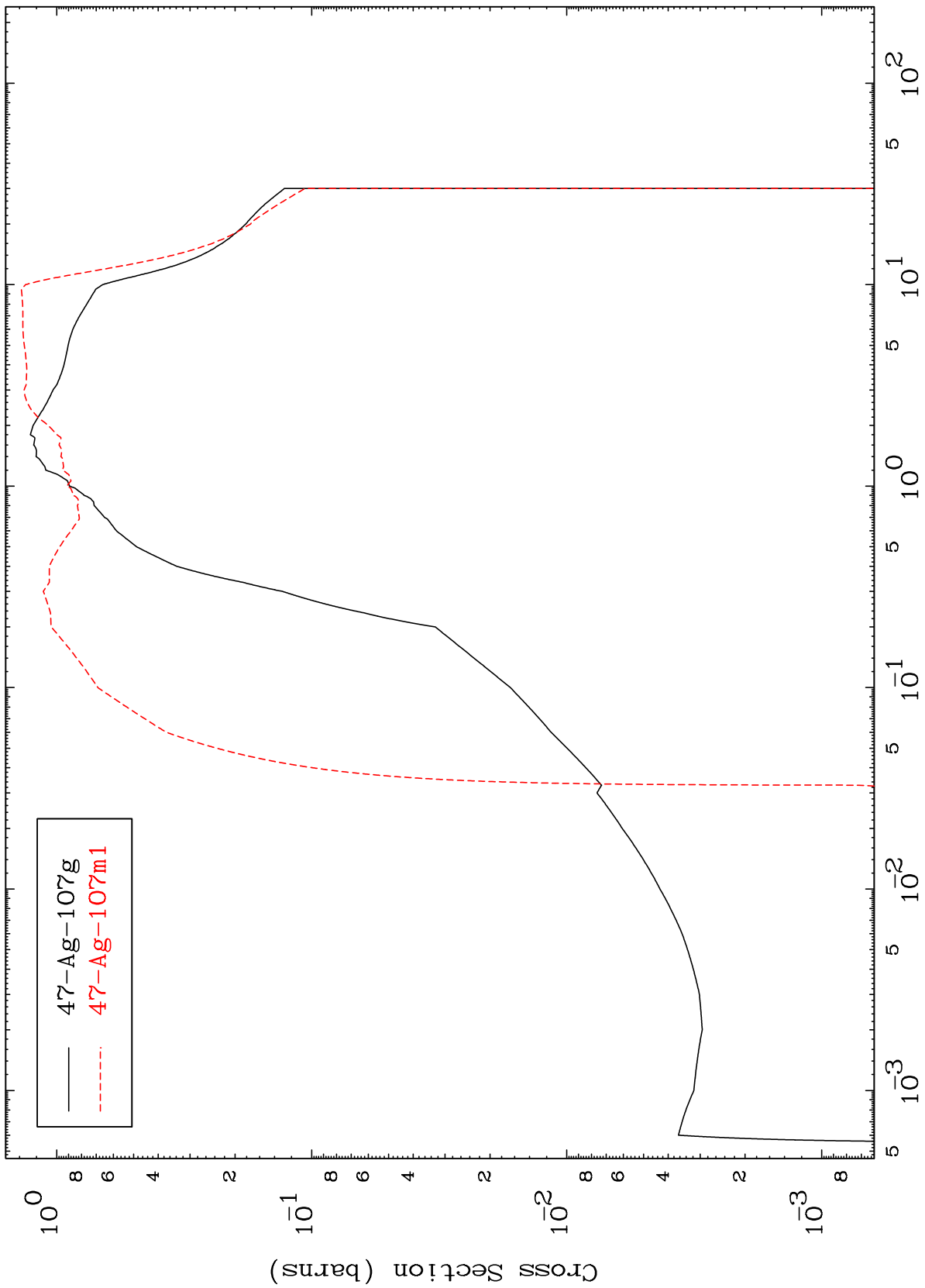
Incident Energy (MeV)

47-Ag-107

MAT 4726

47-Ag-107

Radionuclide Production Cross Section



— 47-Ag-107g
- - - 47-Ag-107m1

47-Ag-107

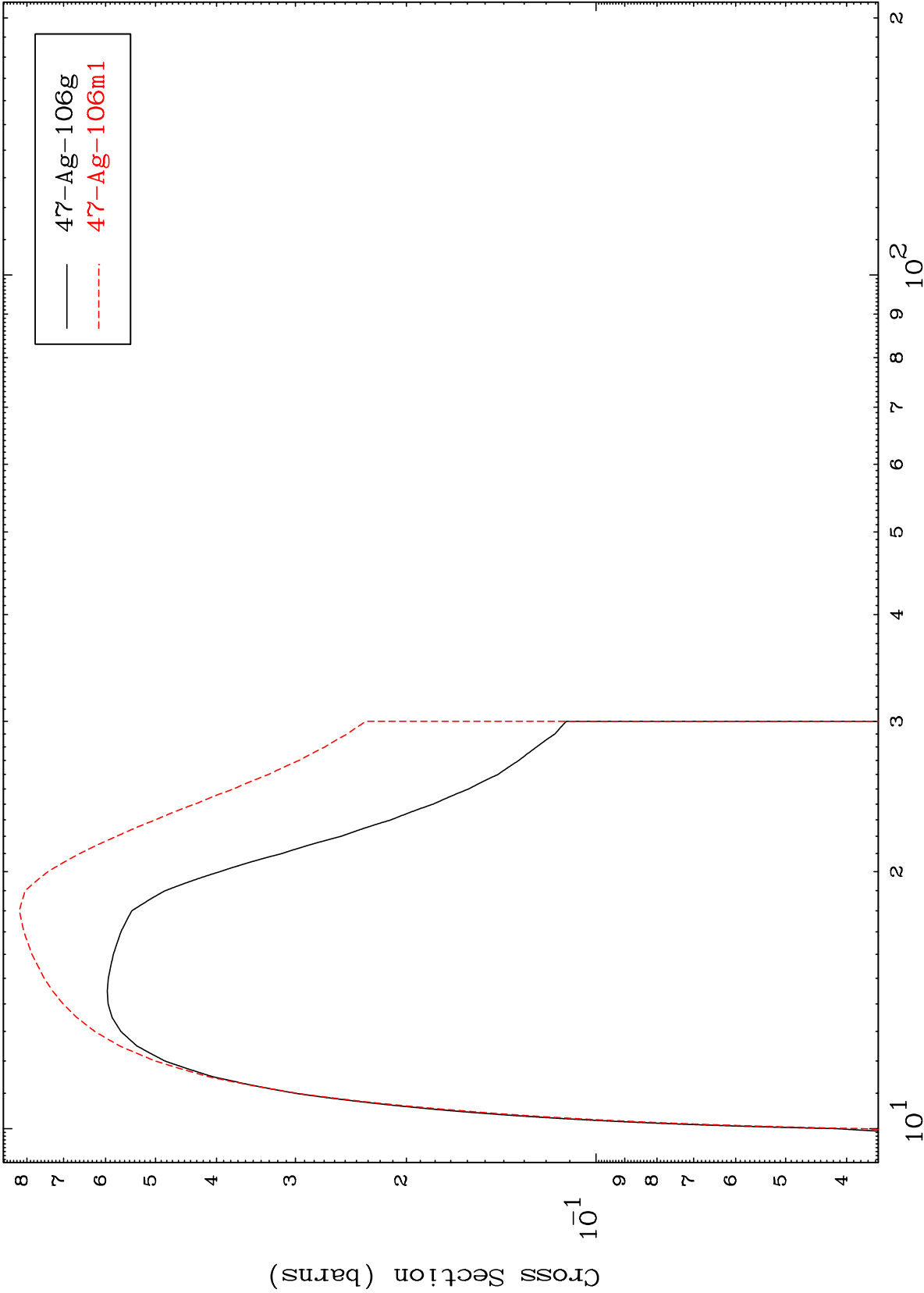
Incident Energy (MeV)

19

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47-Ag-107

(n,2n)
Radionuclide Production Cross Section



47-Ag-107

Incident Energy (MeV)

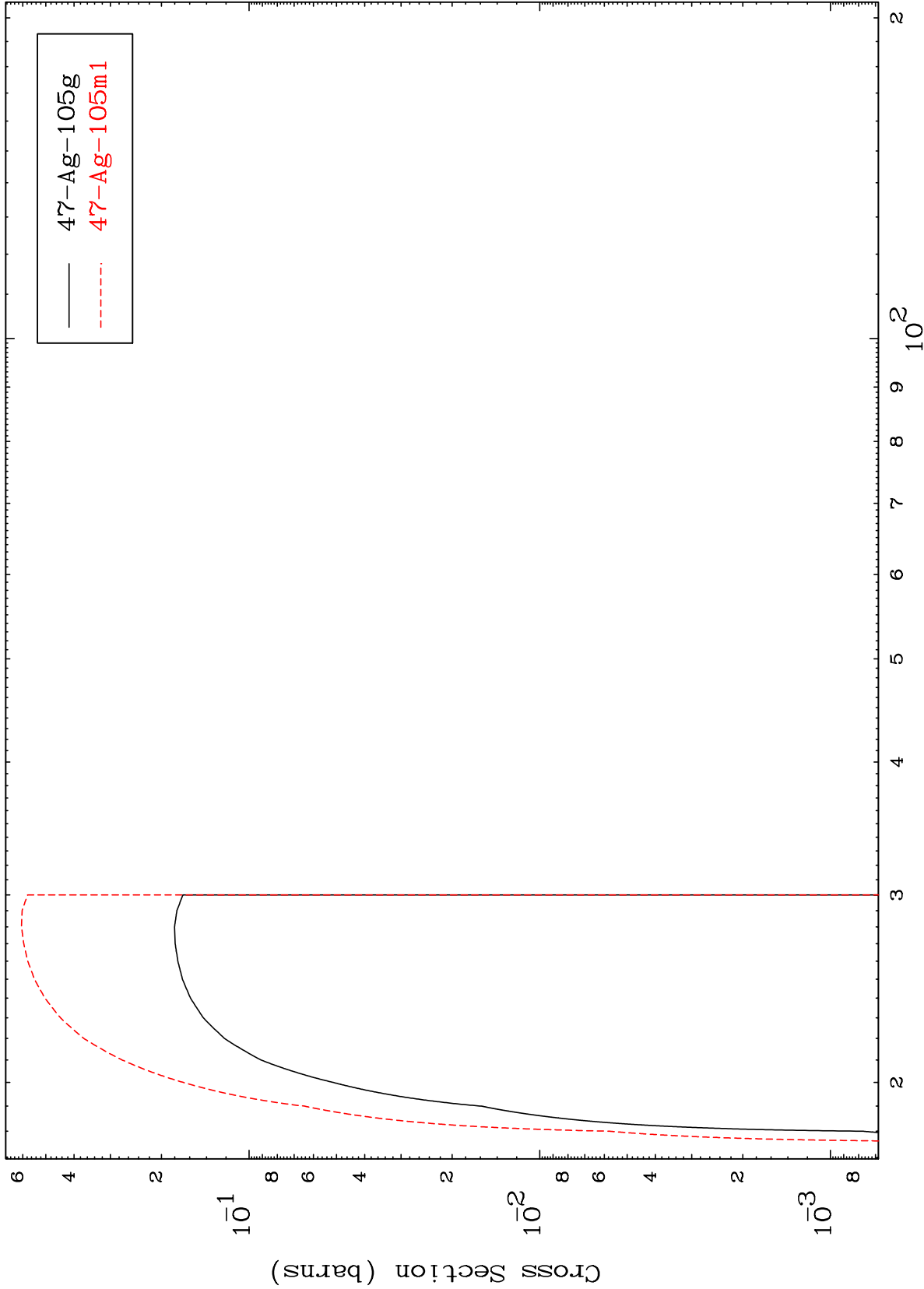
20

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(n,3n)

47-Ag-107

Radionuclide Production Cross Section



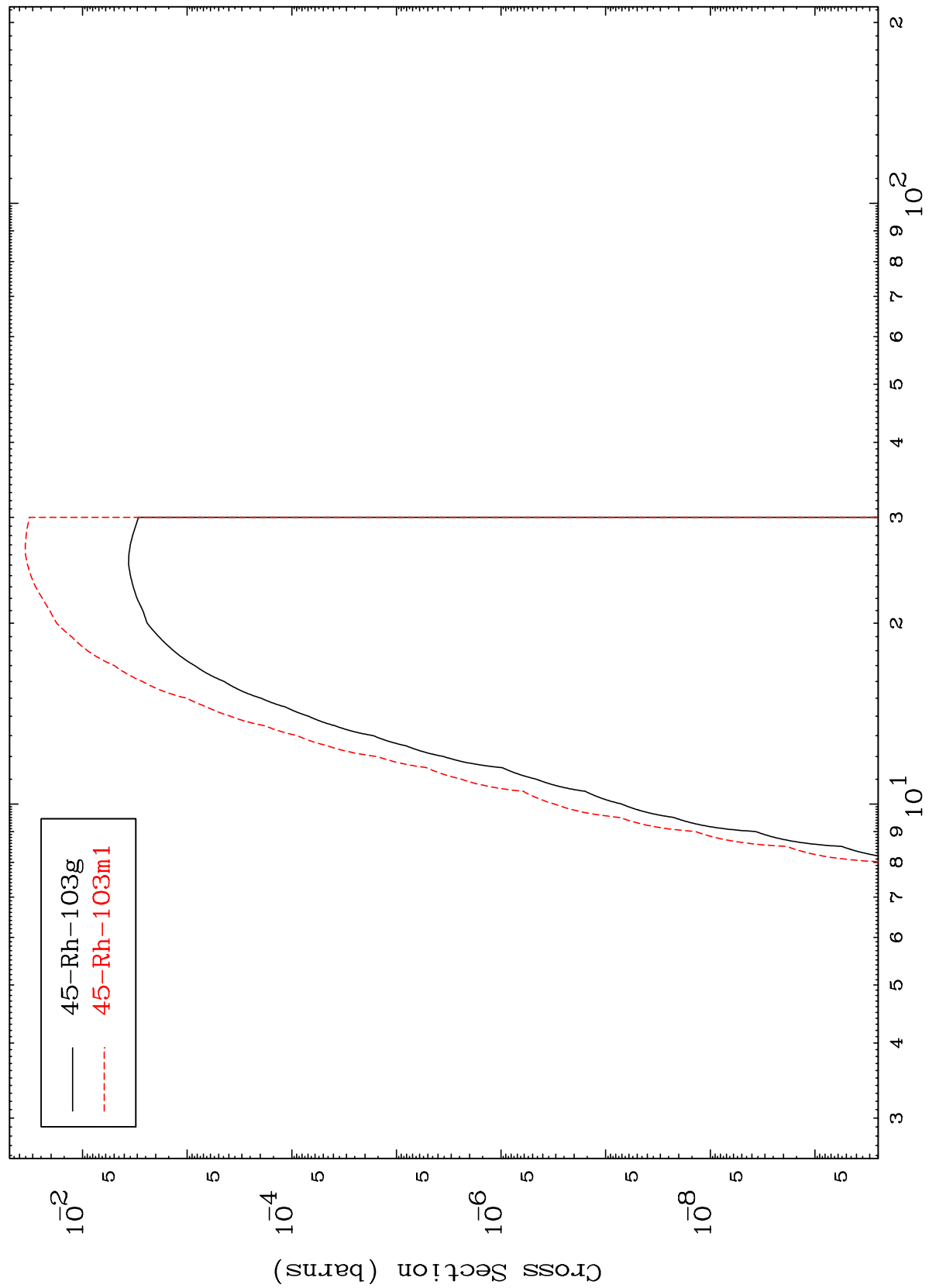
47-Ag-105g
47-Ag-105m1

MAT 4726

47-Ag-107

(n,n') α

Radionuclide Production Cross Section



22

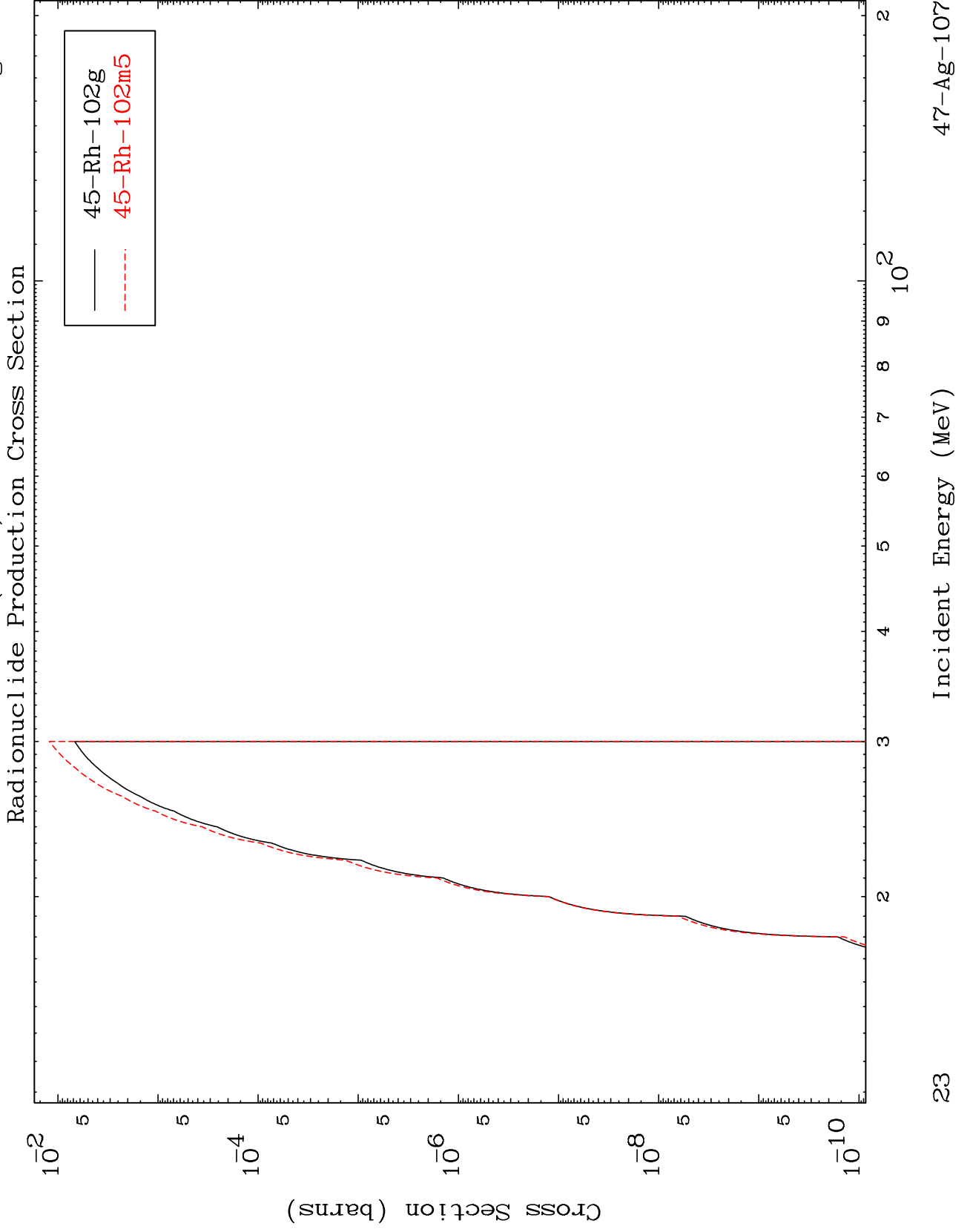
Incident Energy (MeV)

47-Ag-107

MAT 4726

(n,2n) α

47-Ag-107



23

Incident Energy (MeV)

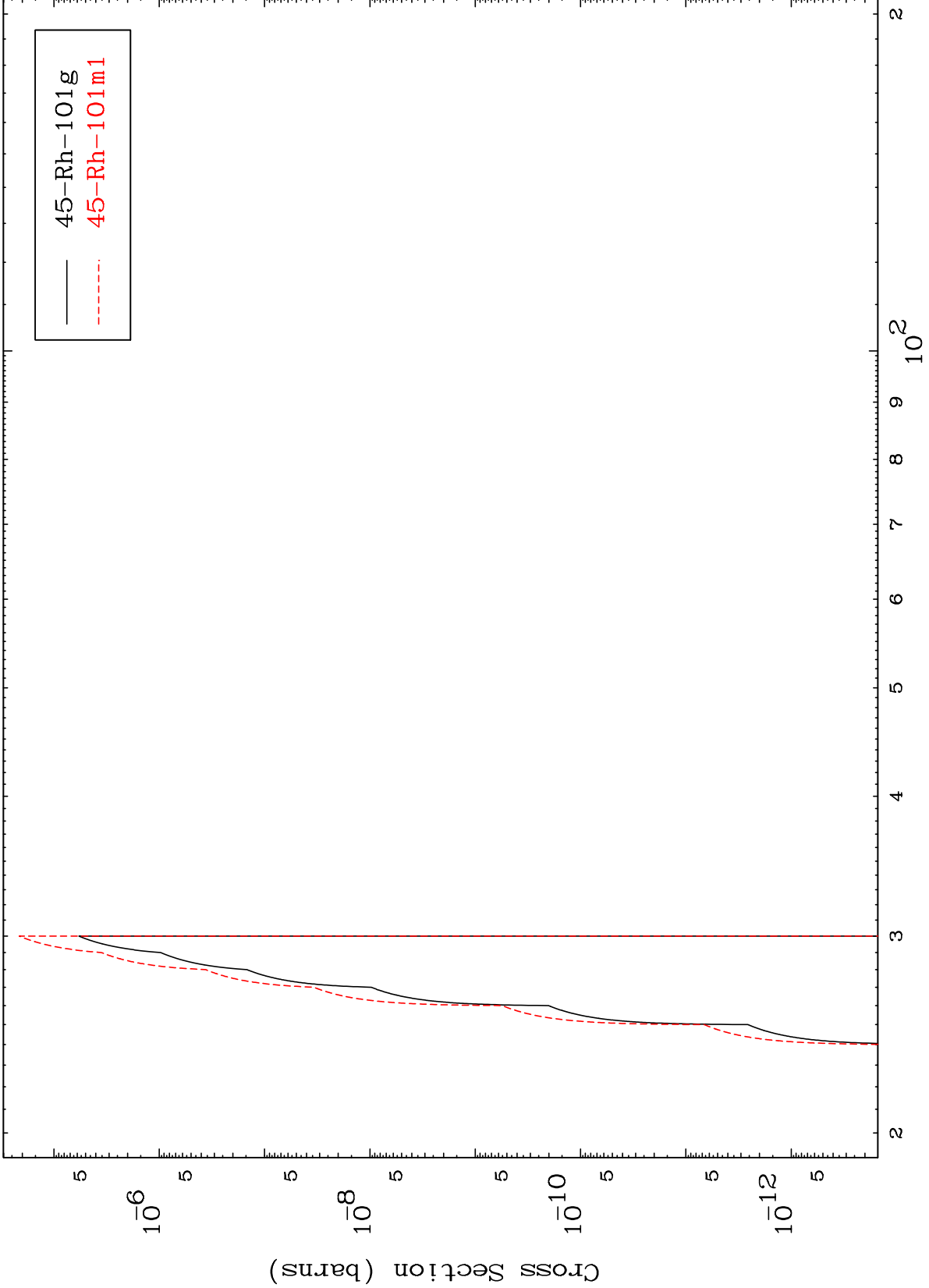
47-Ag-107

MAT 4726

(n,3n) α

47-Ag-107

Radionuclide Production Cross Section



24

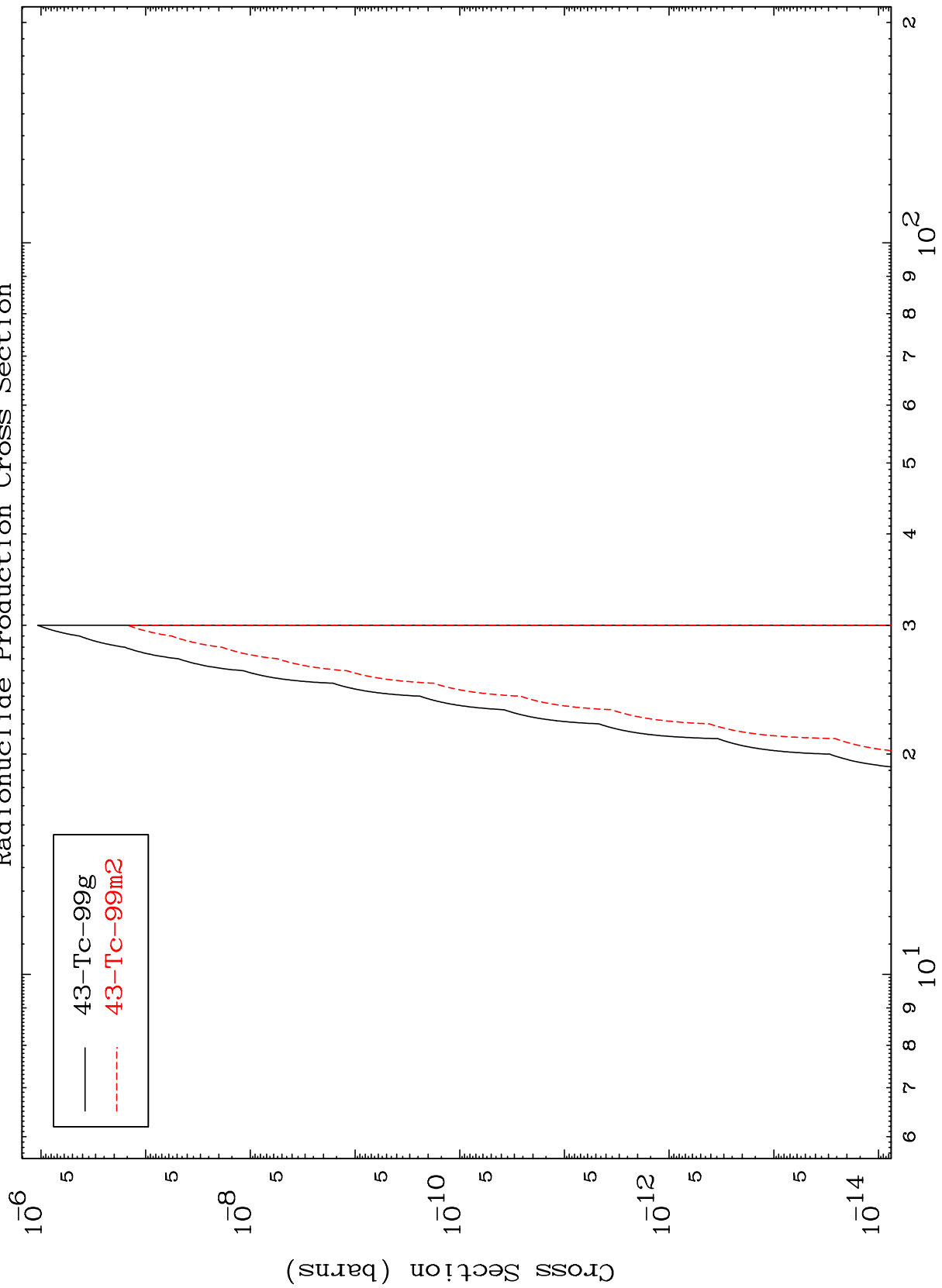
Incident Energy (MeV)

47-Ag-107

MAT 4726

47-Ag-107

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



— 43-Tc-99g
- - - 43-Tc-99m2

47-Ag-107

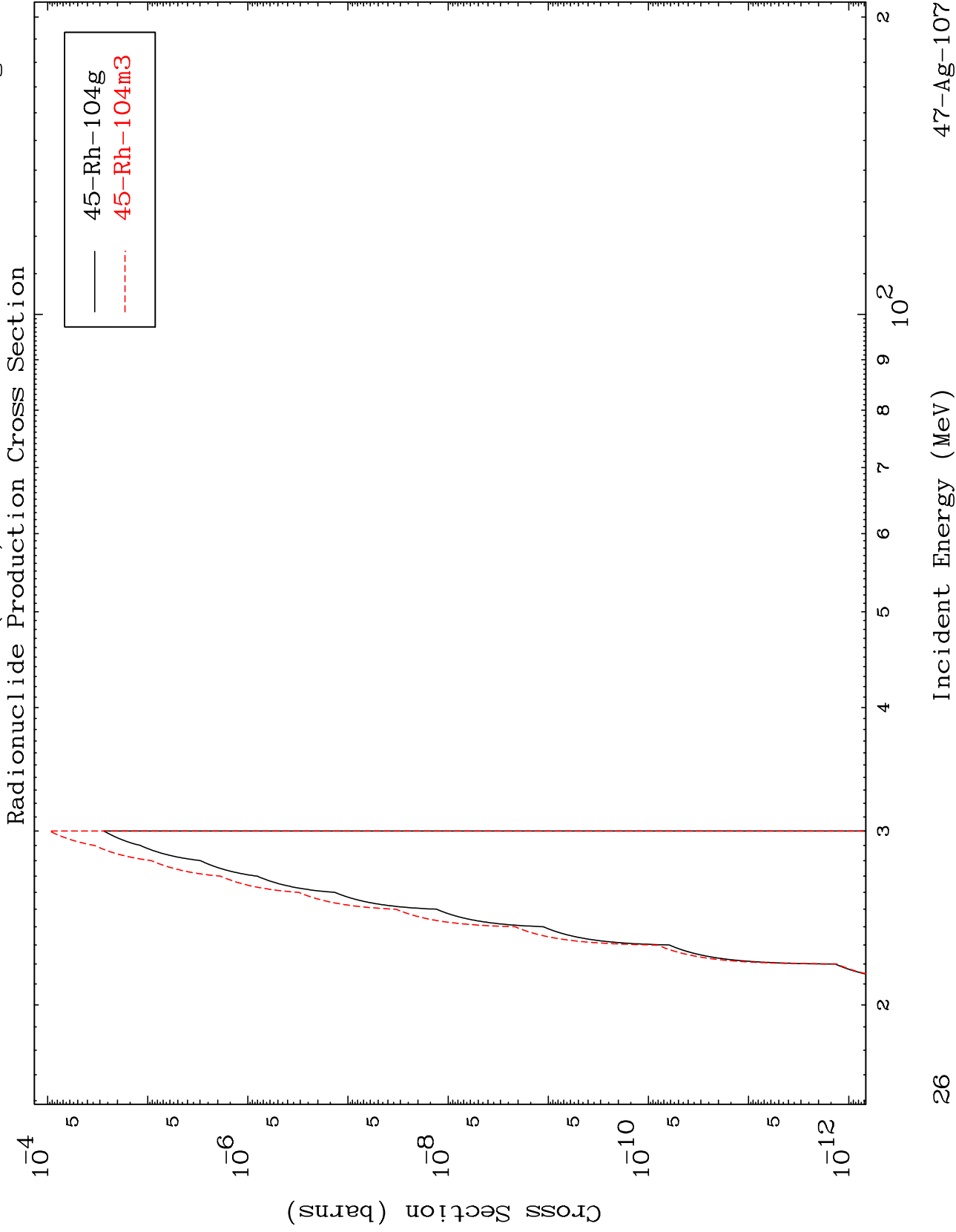
Incident Energy (MeV)

25

MAT 4726

(n,n') He-3

47-Ag-107



26

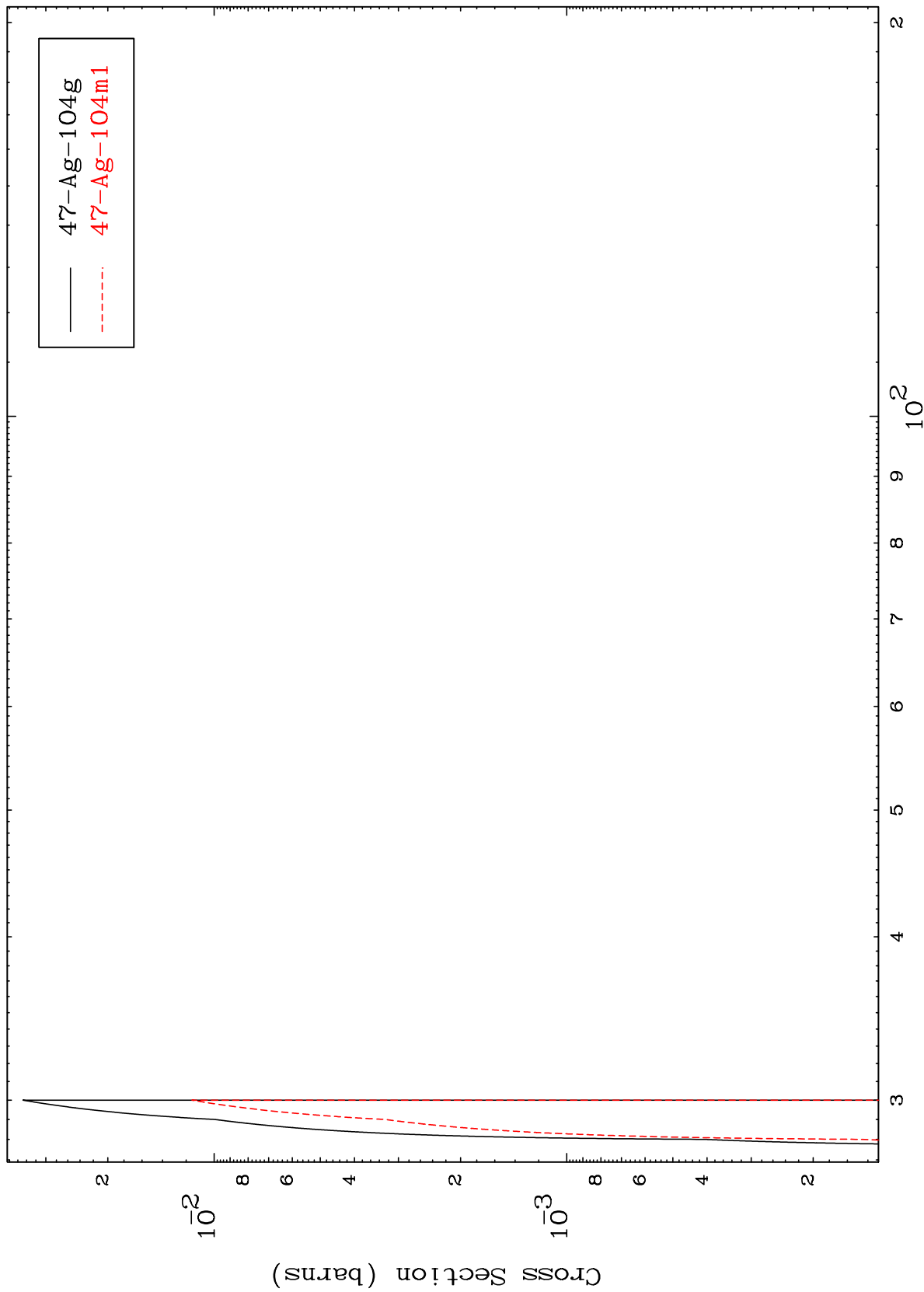
Incident Energy (MeV)

47-Ag-107

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47-Ag-107

(n,4n)
Radionuclide Production Cross Section



27

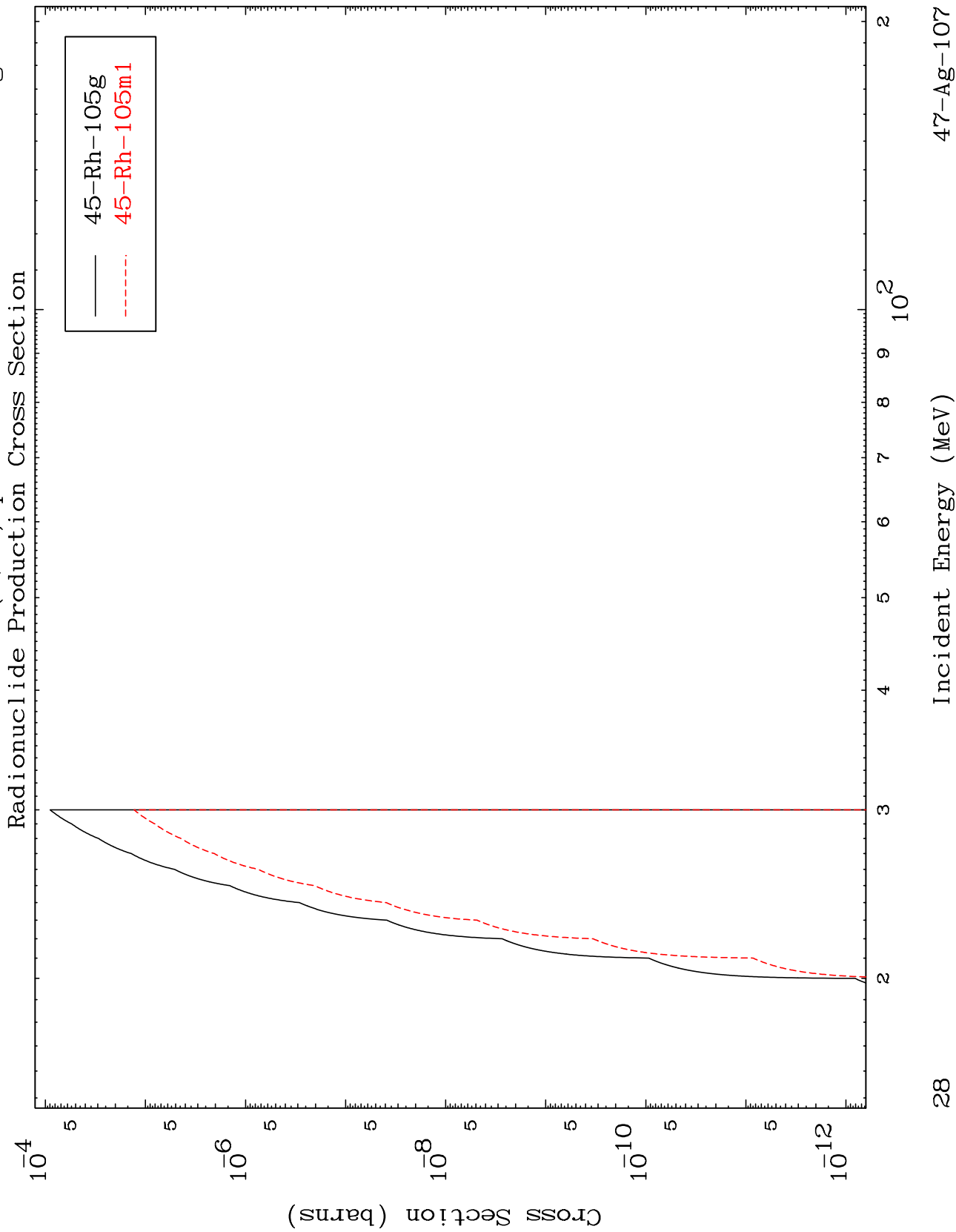
47-Ag-107

Incident Energy (MeV)

MAT 4726

(n,2n) p

47-Ag-107



28

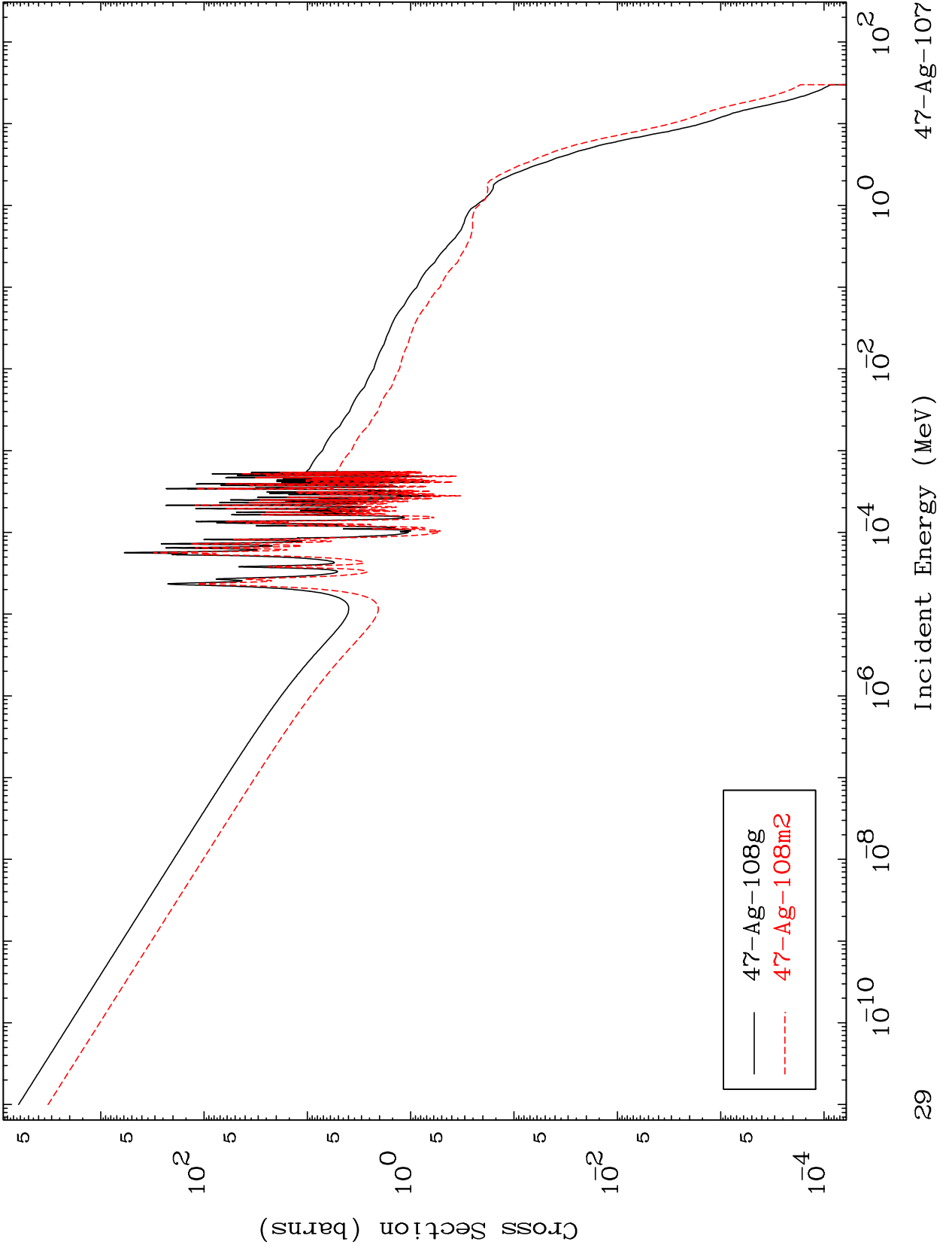
Incident Energy (MeV)

47-Ag-107

MAT 4726

47-Ag-107

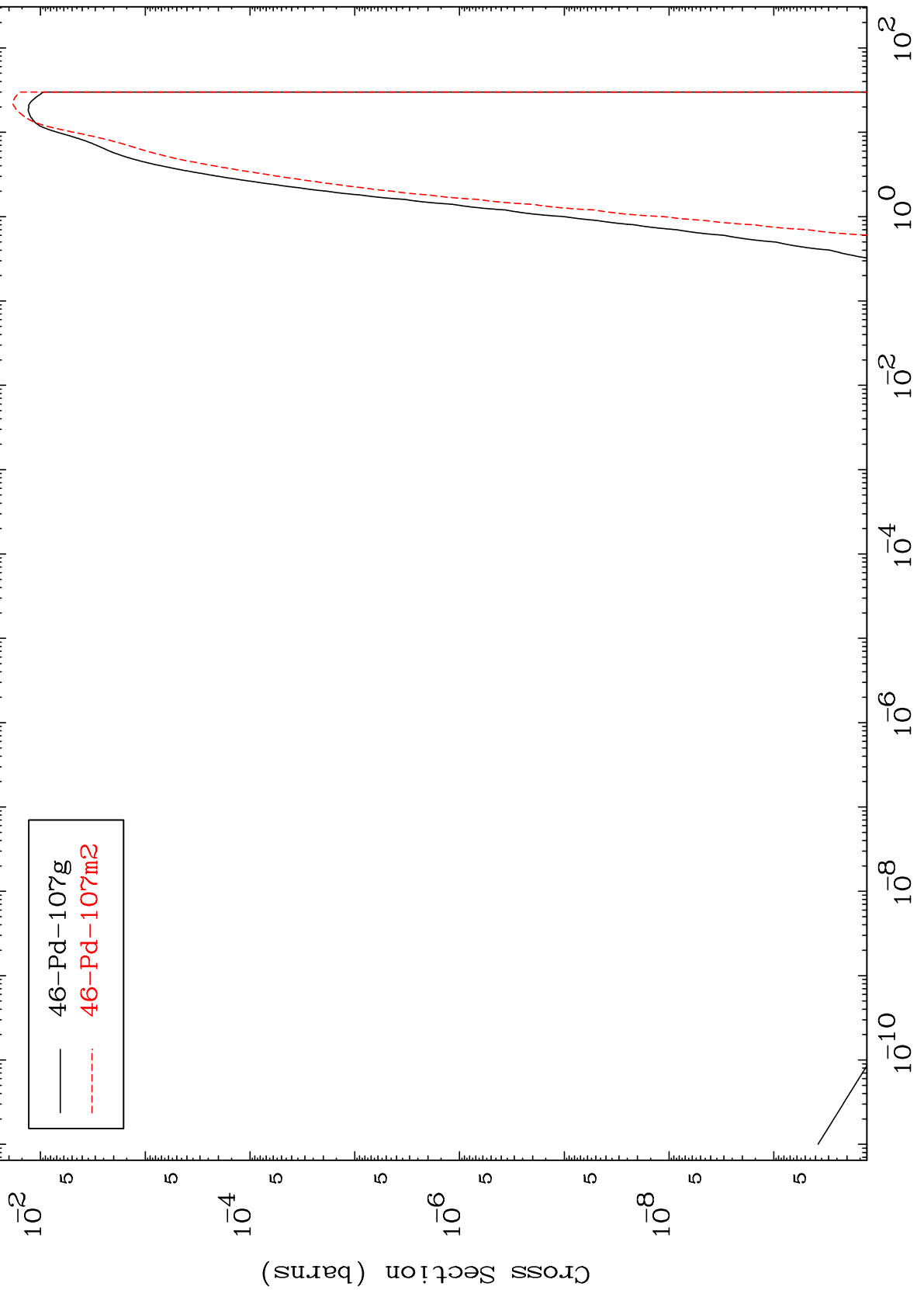
(n, γ)
Radionuclide Production Cross Section



MAT 4726

47-Ag-107

Radionuclide Production Cross Section



30

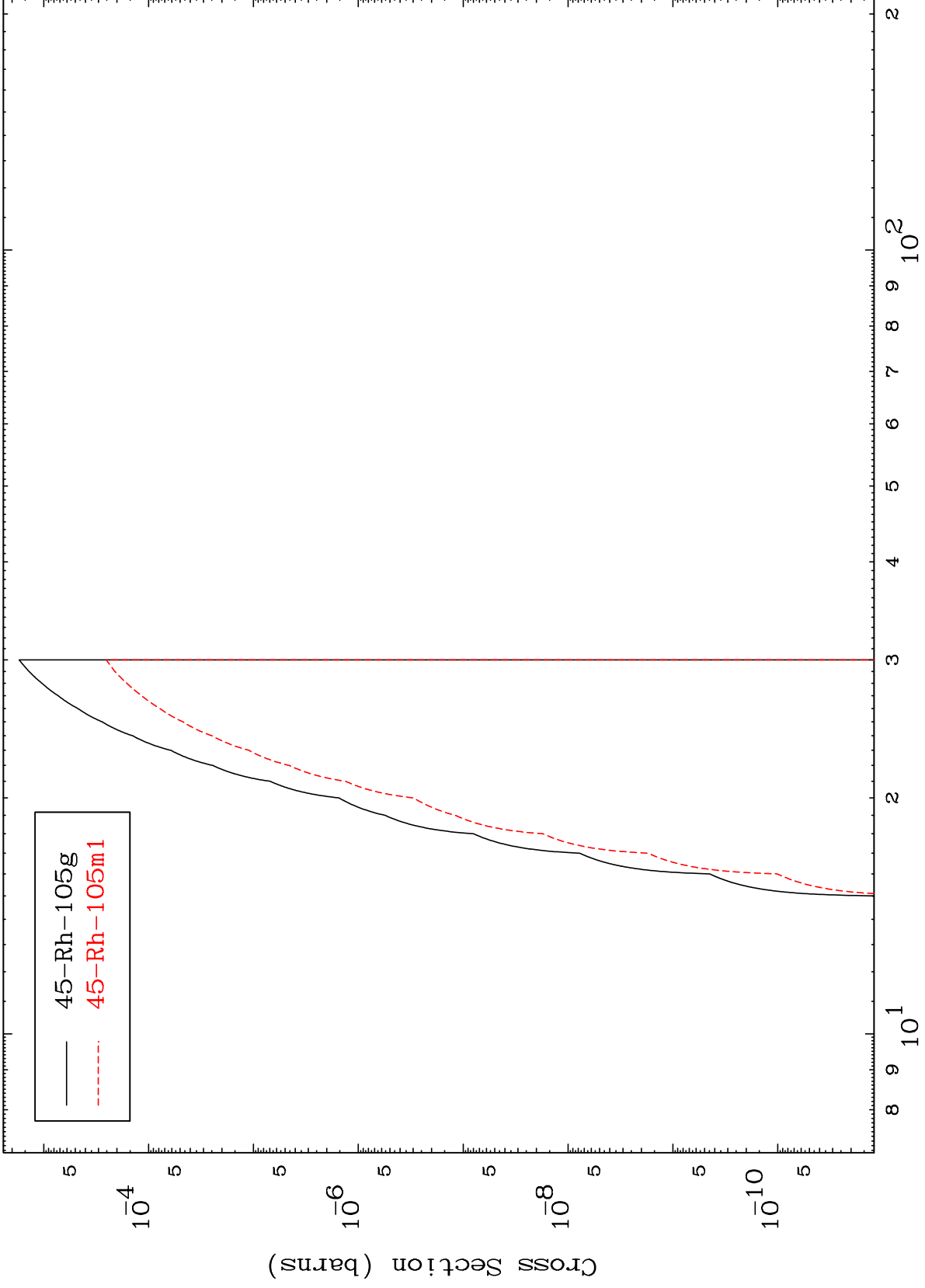
47-Ag-107

MAT 4726

(n,He-3)

47-Ag-107

Radionuclide Production Cross Section



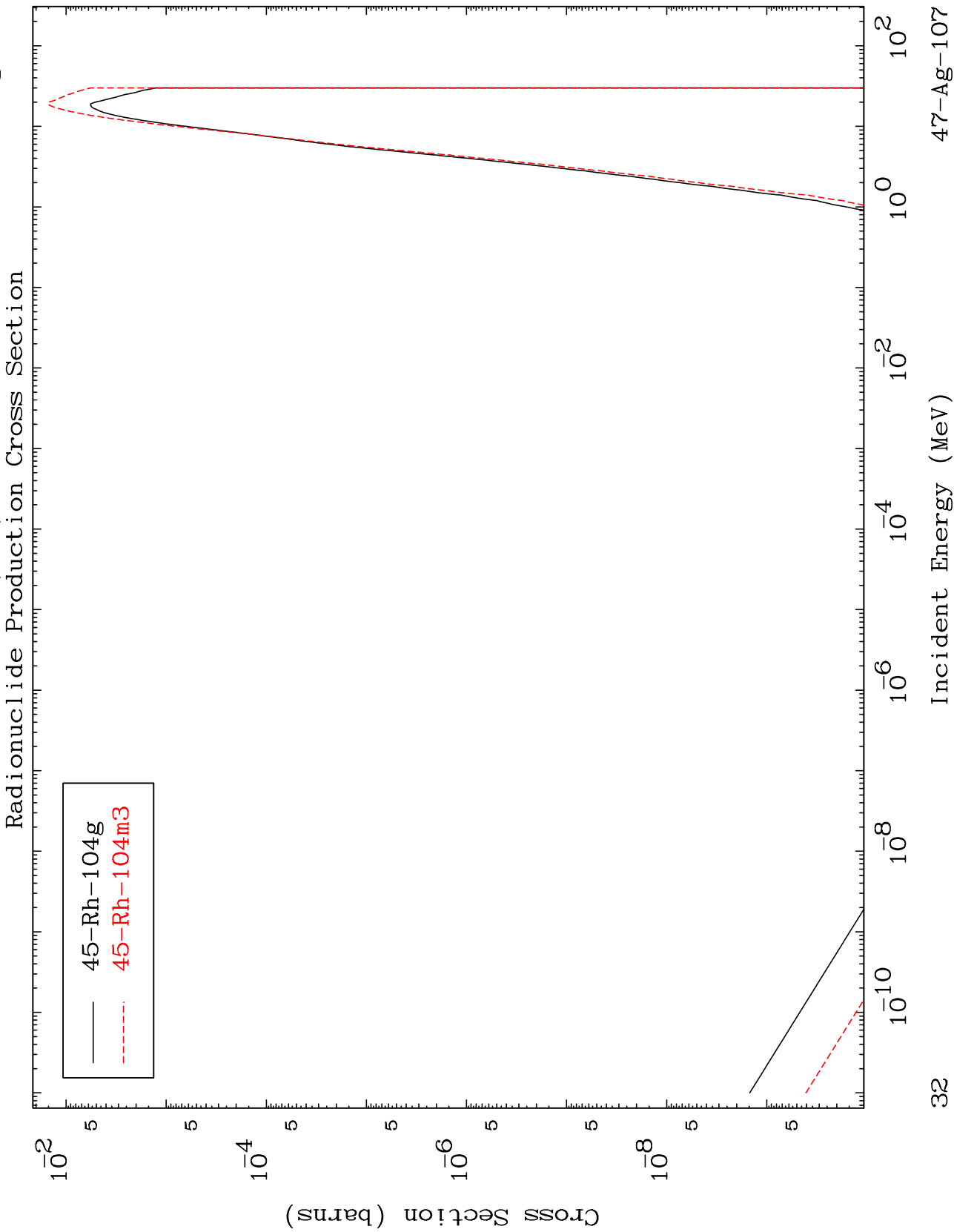
31

Incident Energy (MeV)

47-Ag-107

MAT 4726

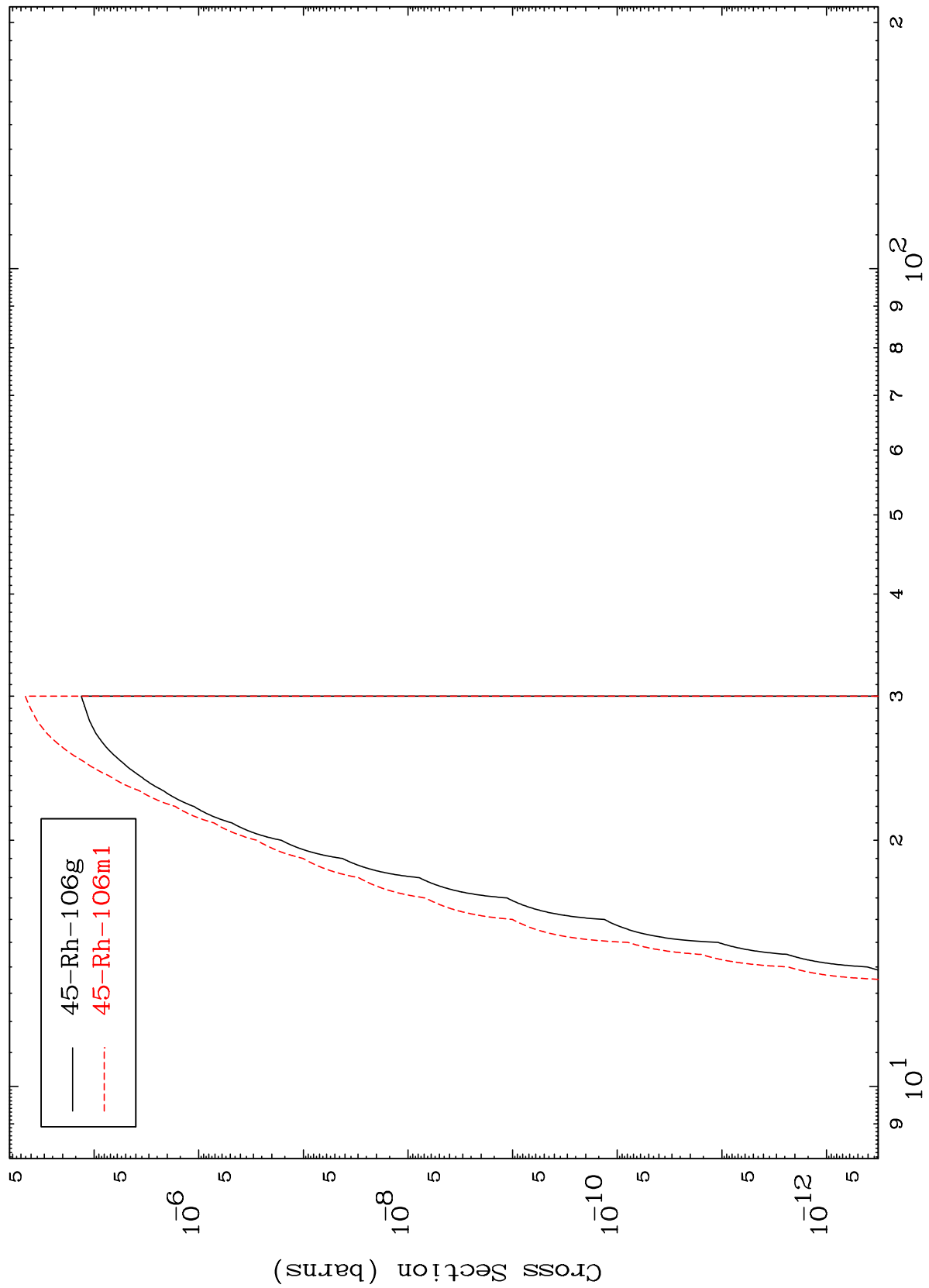
47-Ag-107



MAT 4726

47-Ag-107

(n,2p)
Radionuclide Production Cross Section



33

Incident Energy (MeV)

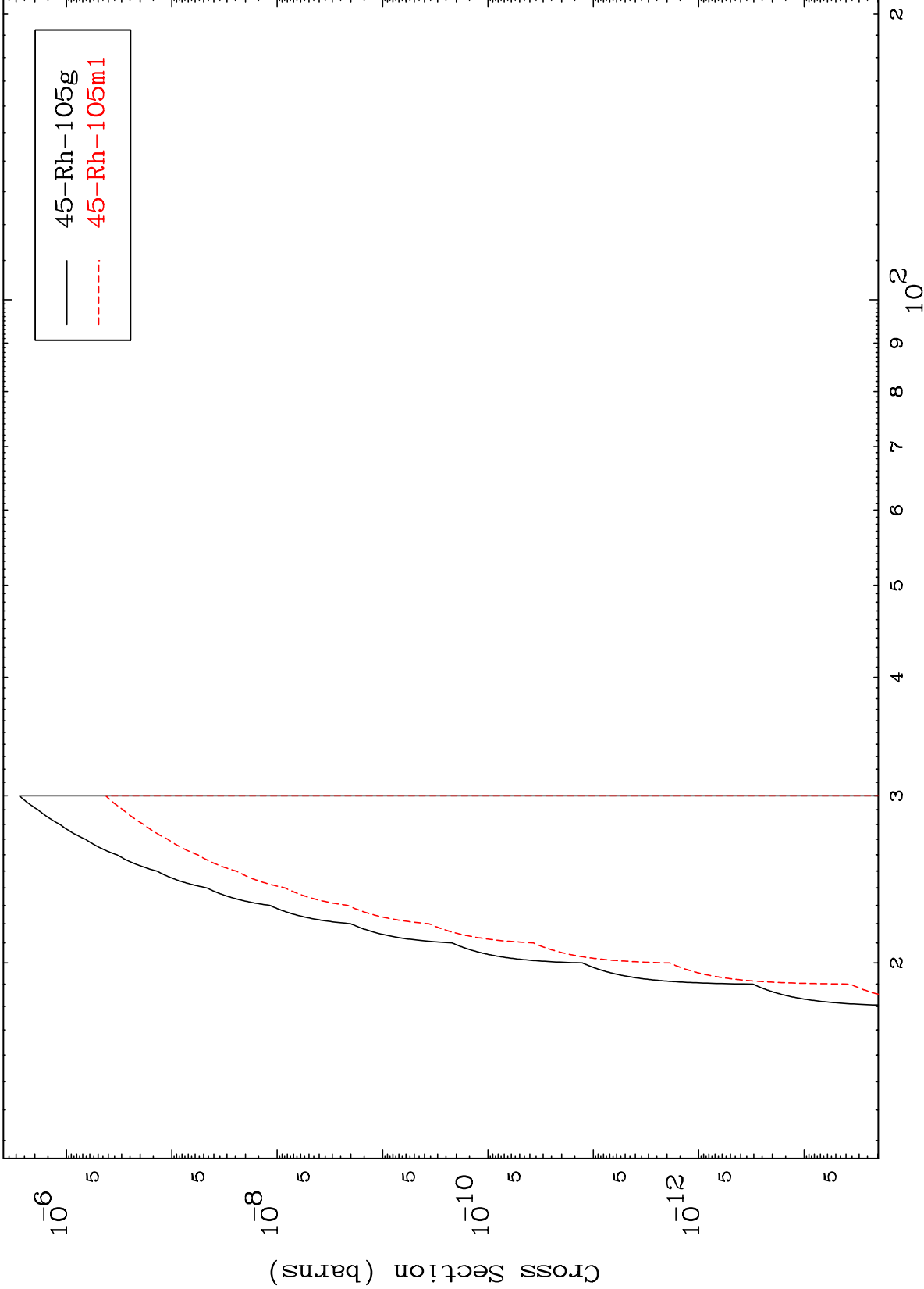
47-Ag-107

MAT 4726

(n,p) d

47-Ag-107

Radionuclide Production Cross Section



34

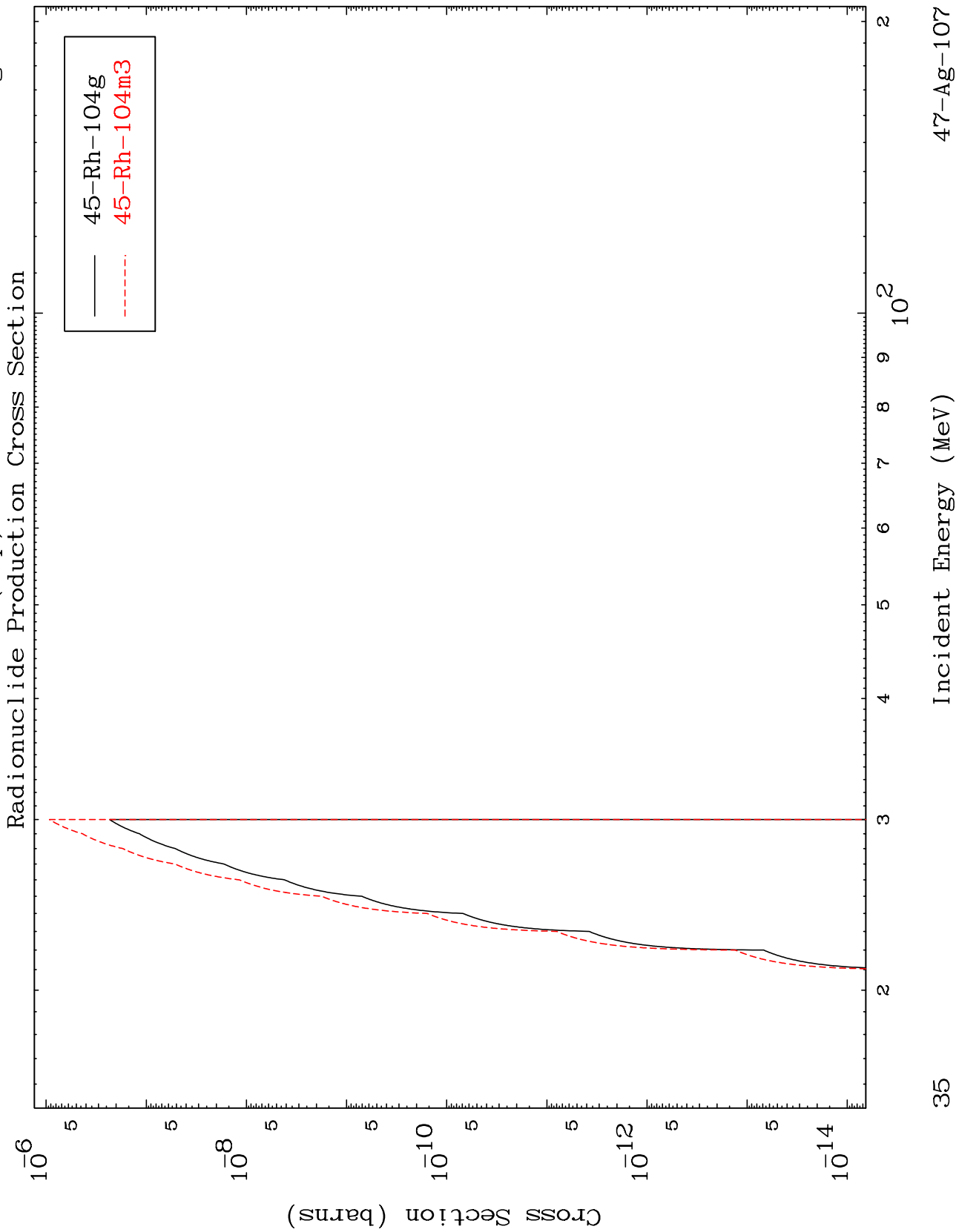
Incident Energy (MeV)

47-Ag-107

MAT 4726

(n,p) t

47-Ag-107



35

47-Ag-107