

Program EVALPLOT
(Version 2021-1)

by

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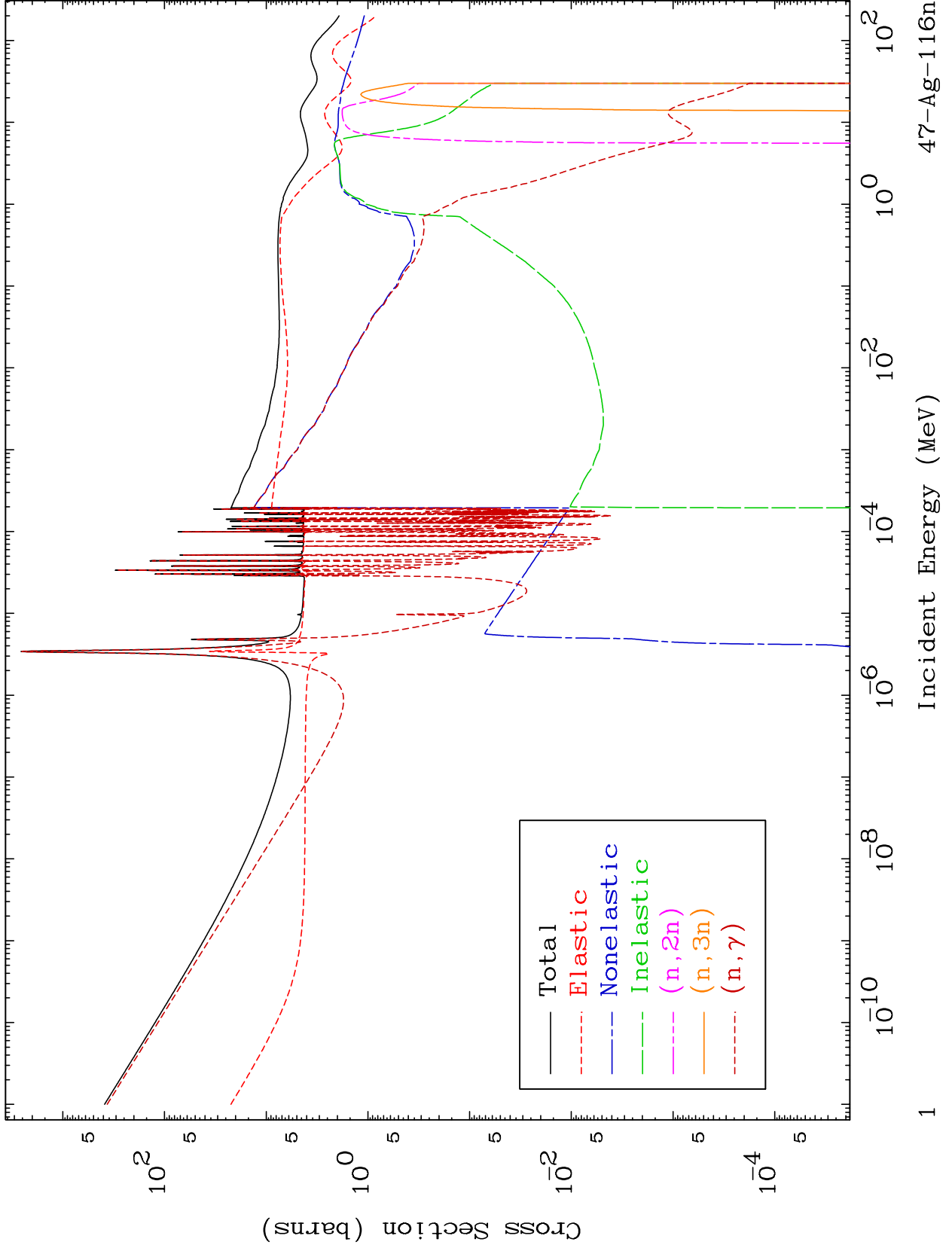
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4754

Neutron Major
293 Kelvin Cross Sections

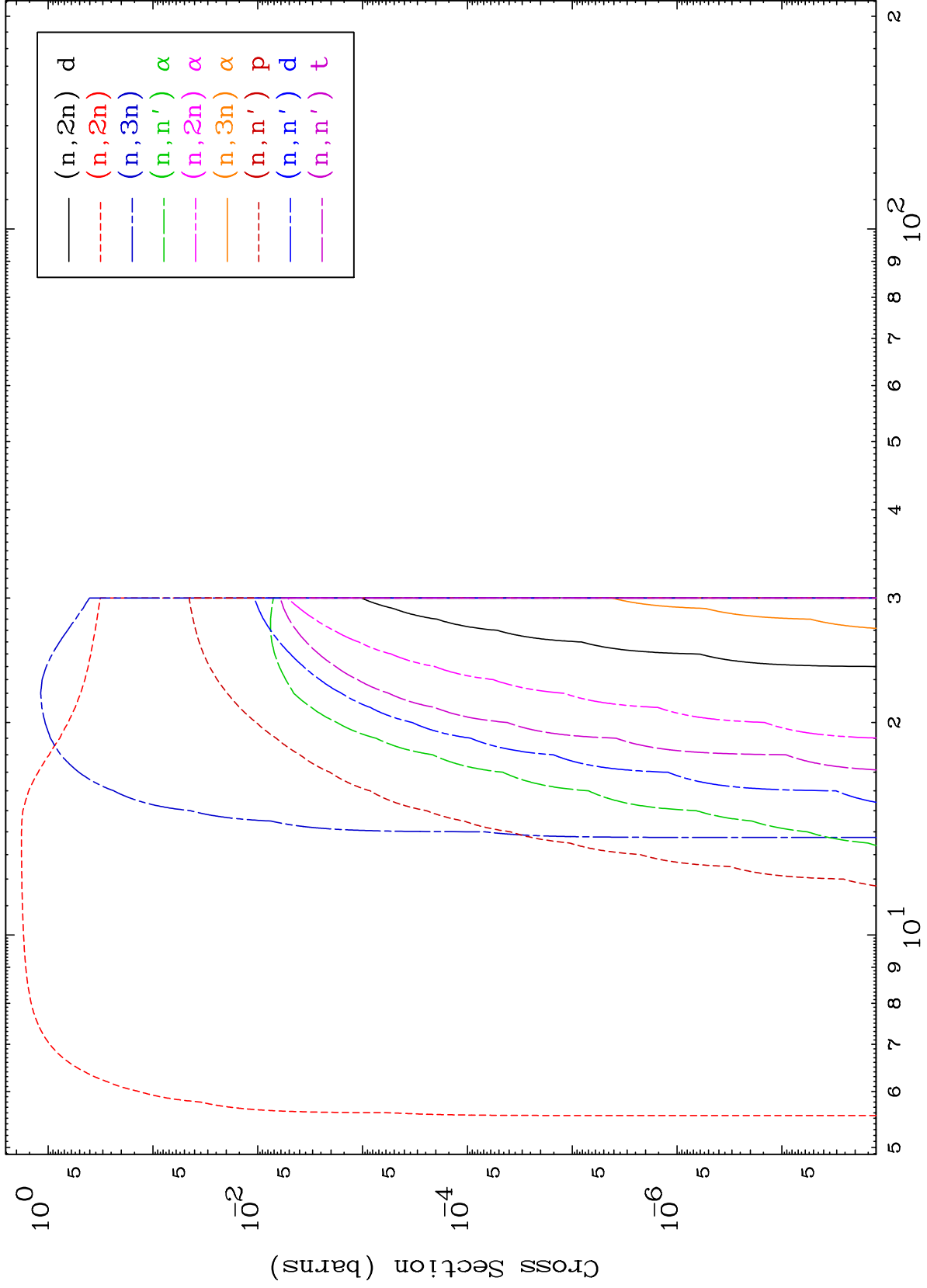
47-Ag-116n



MAT 4754

Neutron Absorption
293 Kelvin Cross Sections

47-Ag-116n



2

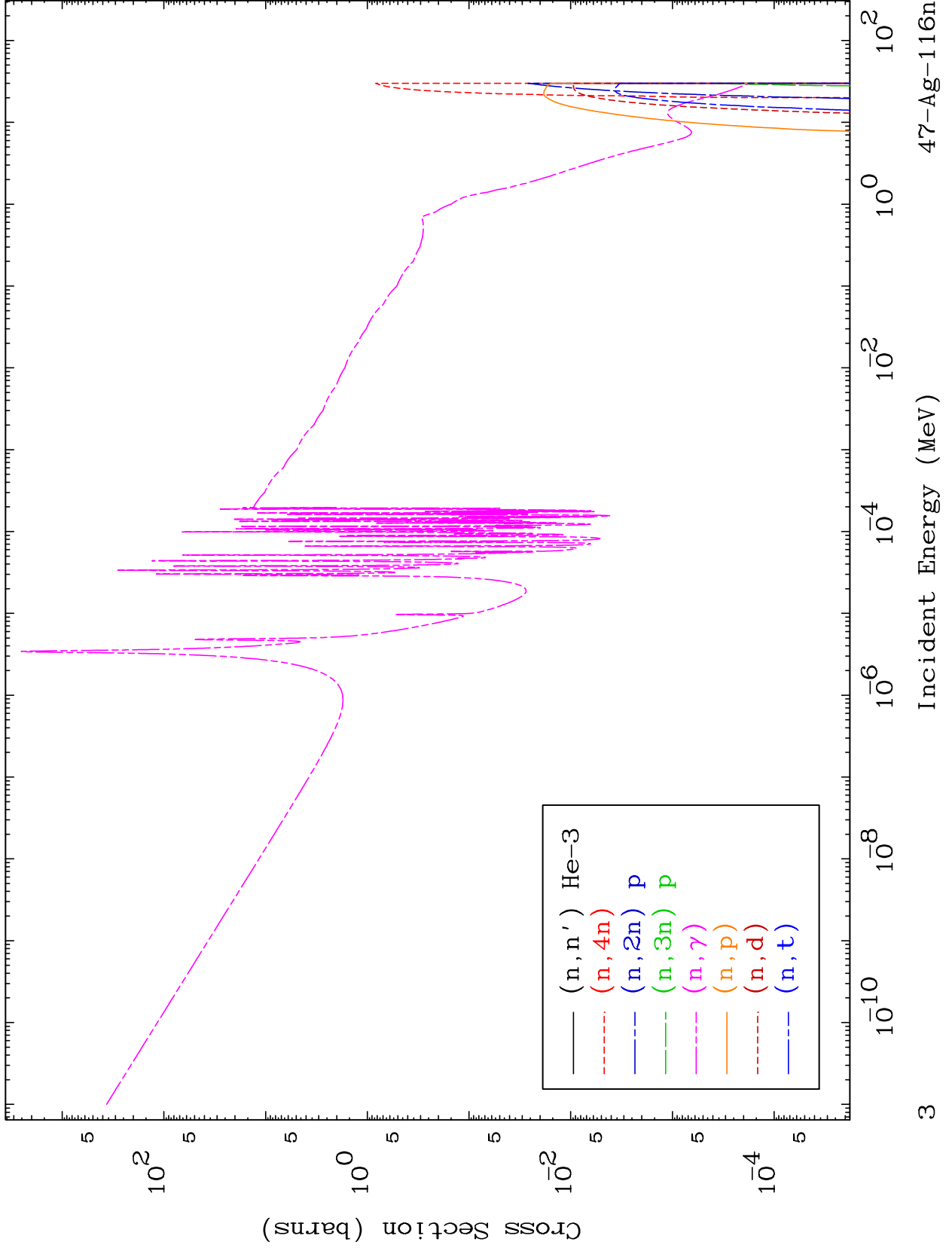
Incident Energy (MeV)

47-Ag-116n

MAT 4754

Neutron Absorption
293 Kelvin Cross Sections

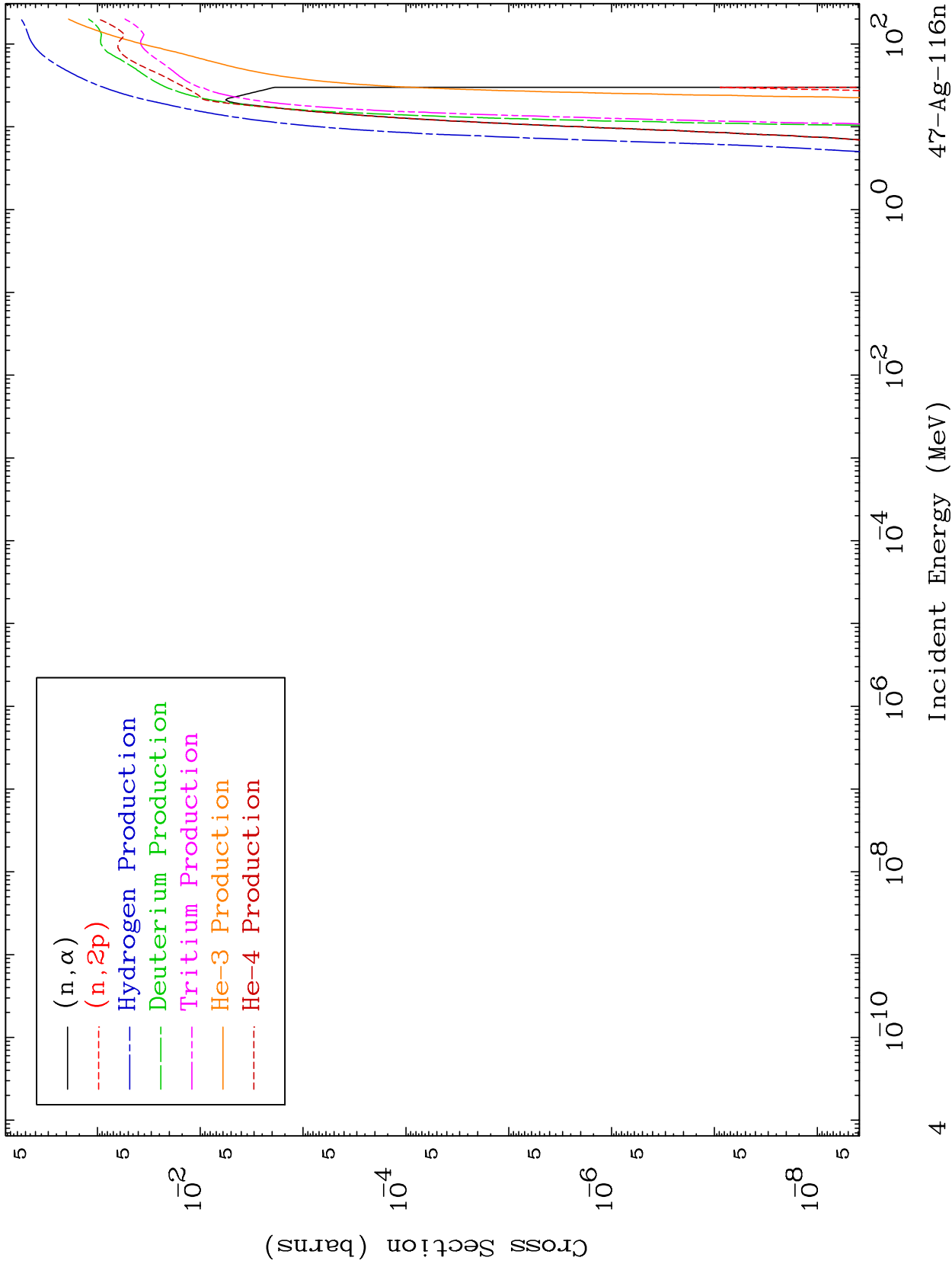
47-Ag-116n



MAT 4754

Neutron Absorption
293 Kelvin Cross Sections

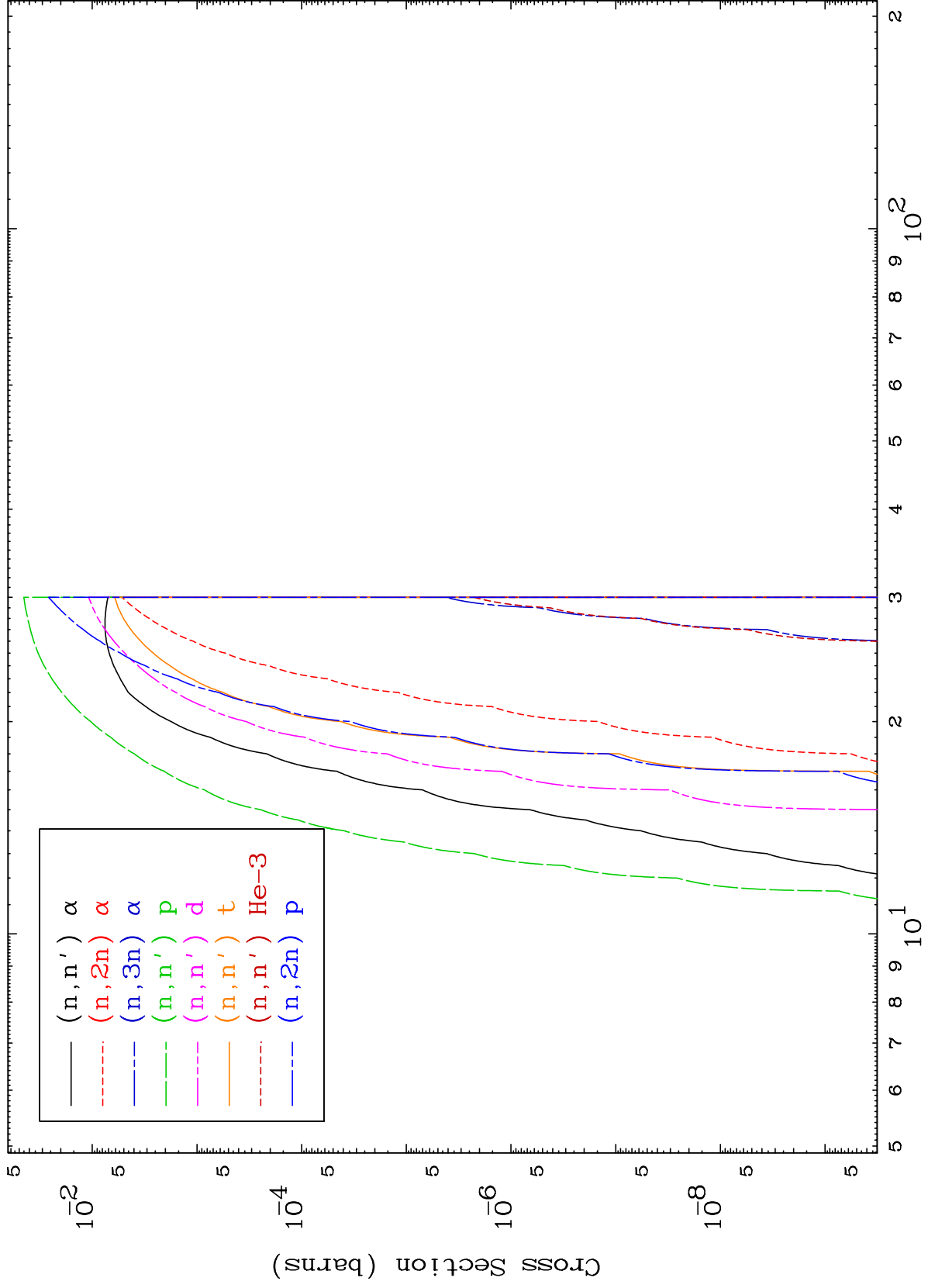
47-Ag-116n



MAT 4754

Charged Particle
293 Kelvin Cross Sections

47-Ag-116n



5

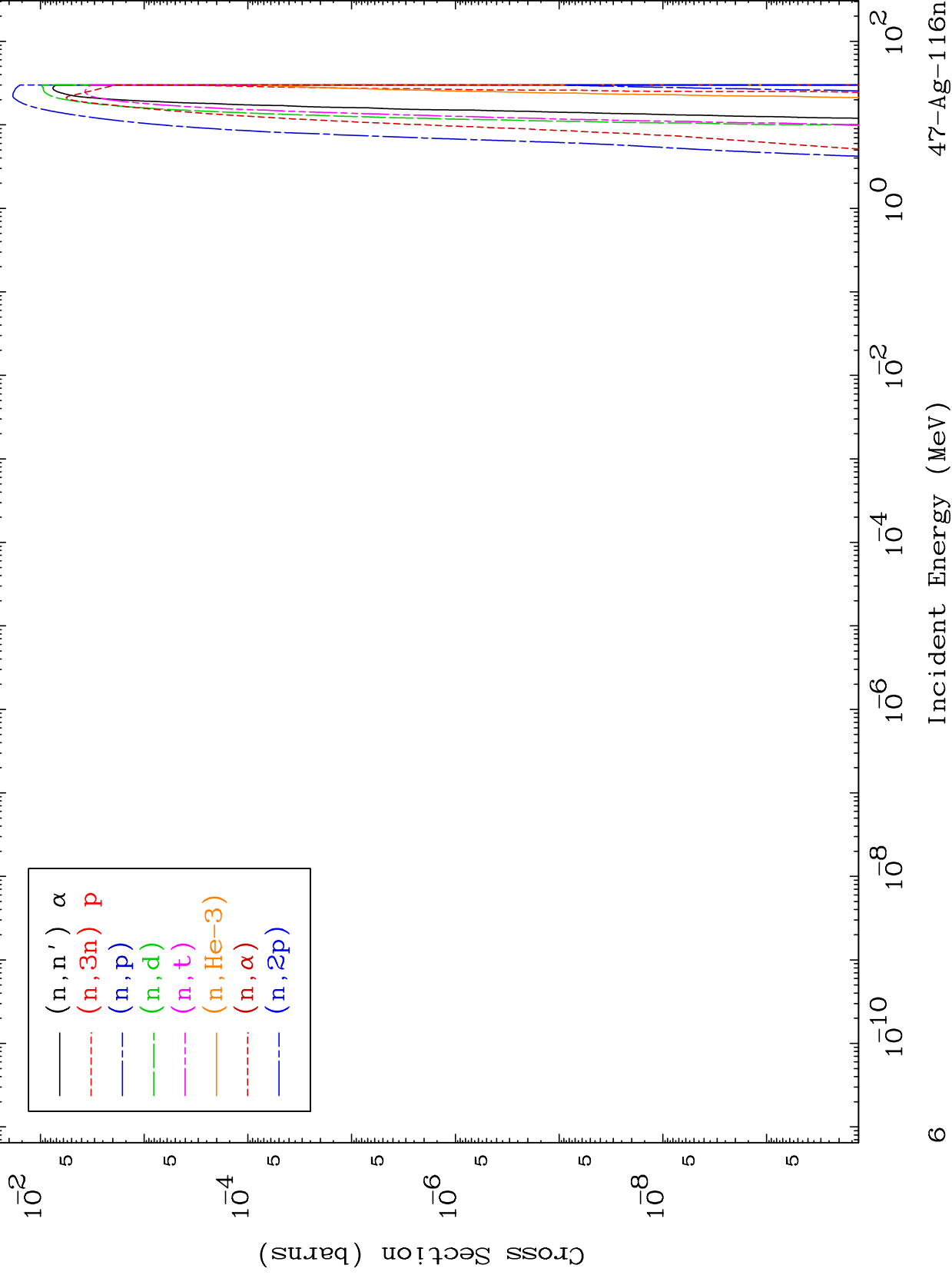
Incident Energy (MeV)

47-Ag-116n

MAT 4754

Charged Particle
293 Kelvin Cross Sections

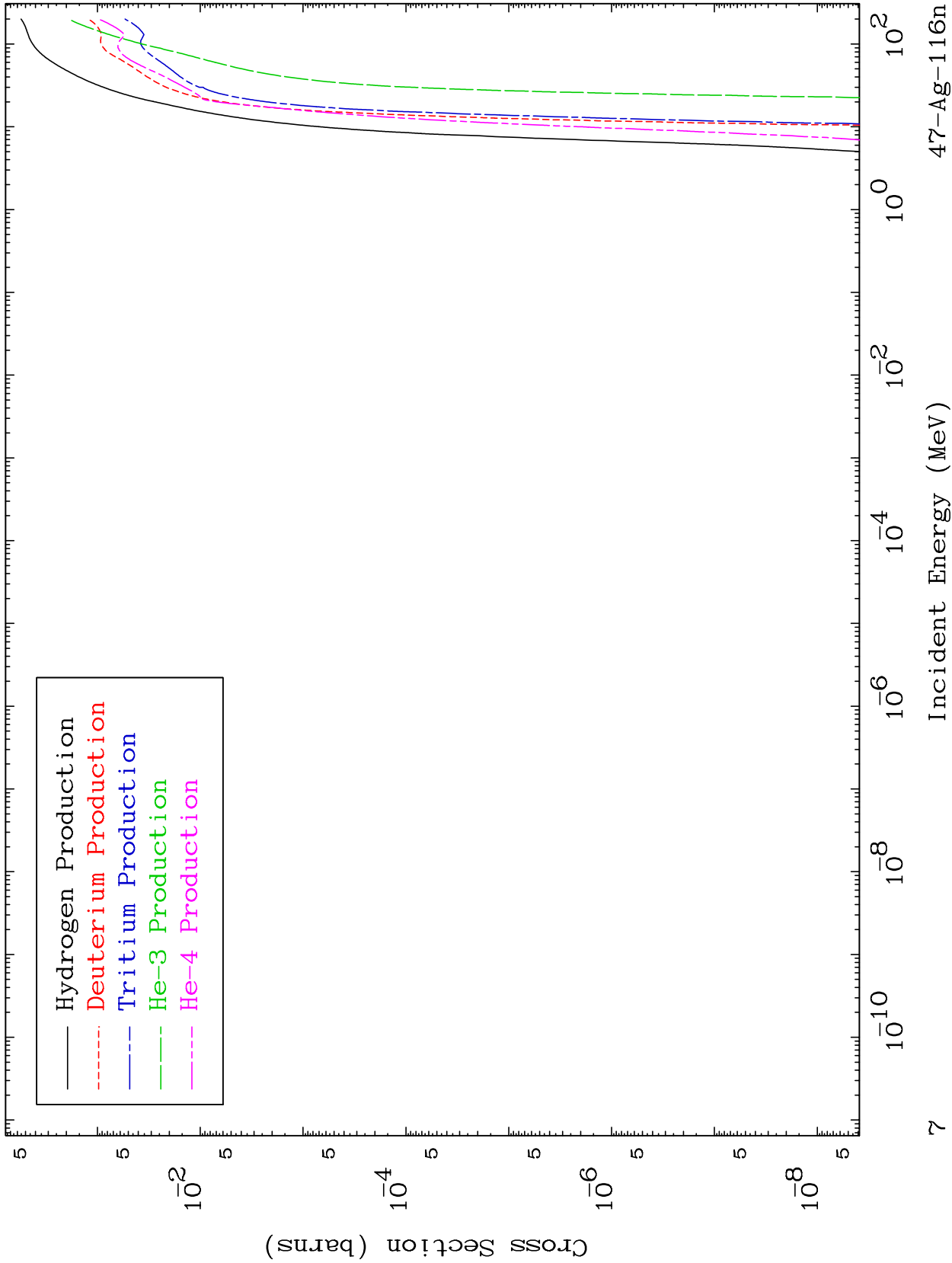
47-Ag-116n



MAT 4754

Particle Production
293 Kelvin Cross Sections

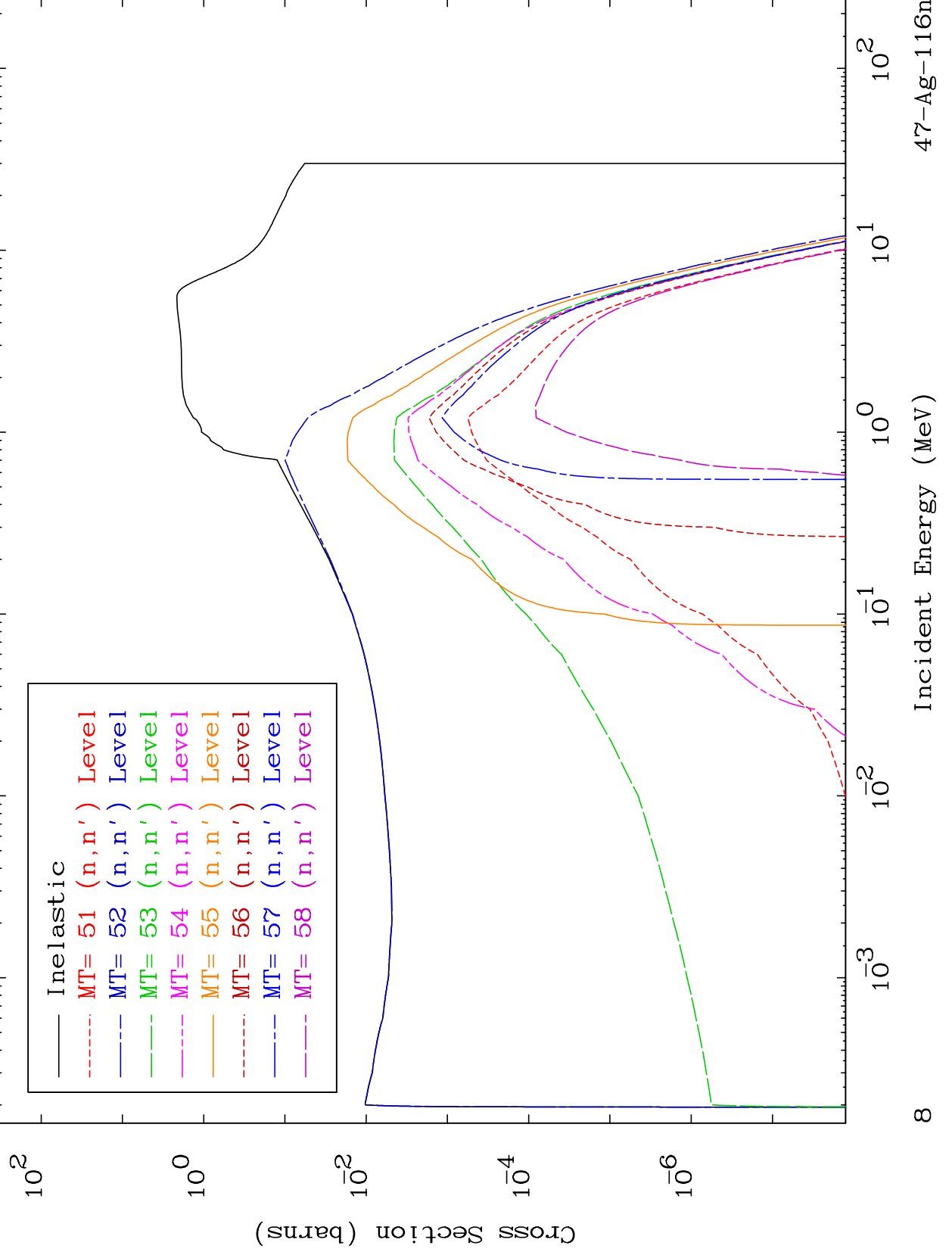
47-Ag-116n



MAT 4754

(n,n') Levels
293 Kelvin Cross Sections

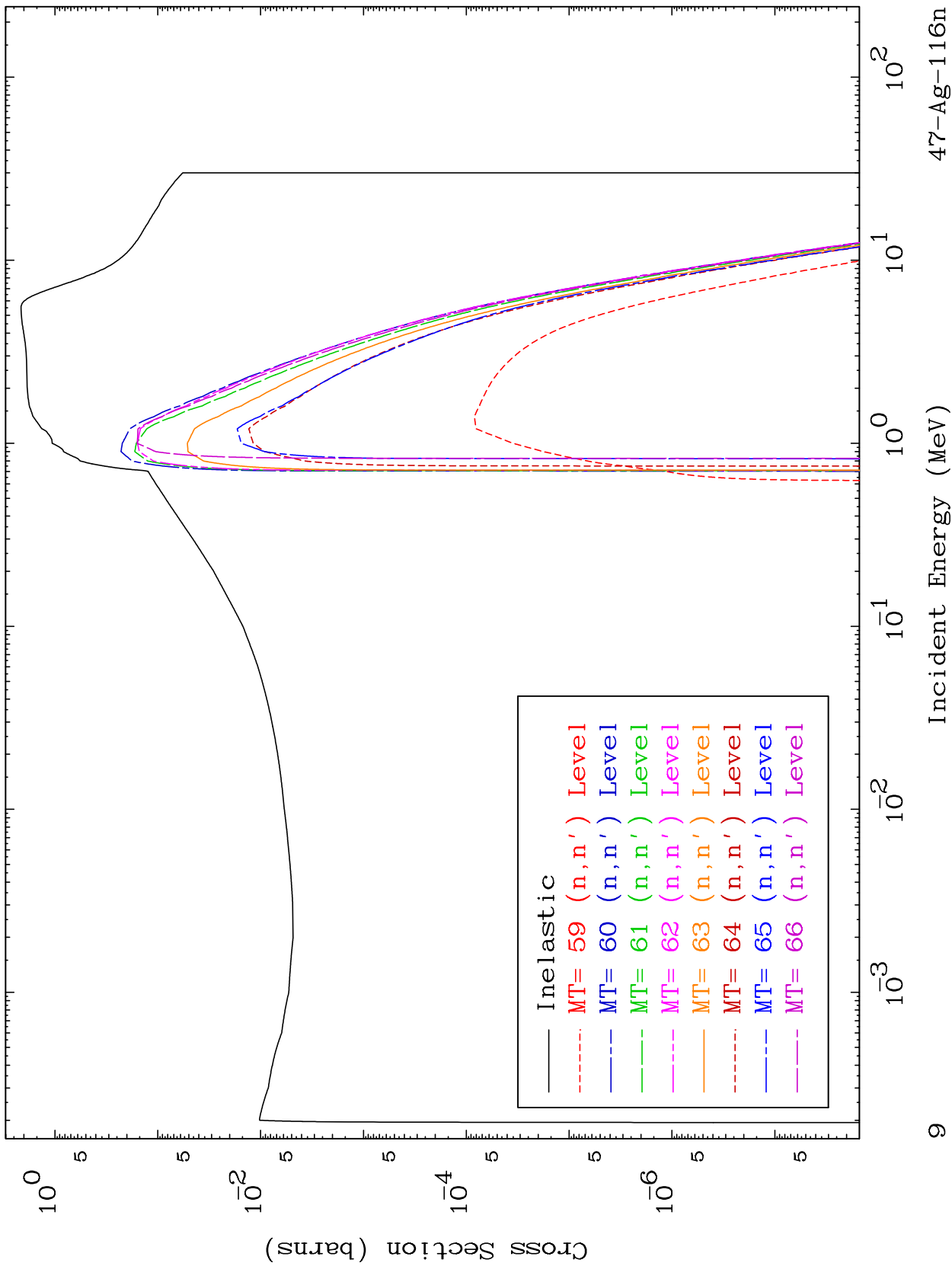
47-Ag-116n



MAT 4754

(n,n') Levels
293 Kelvin Cross Sections

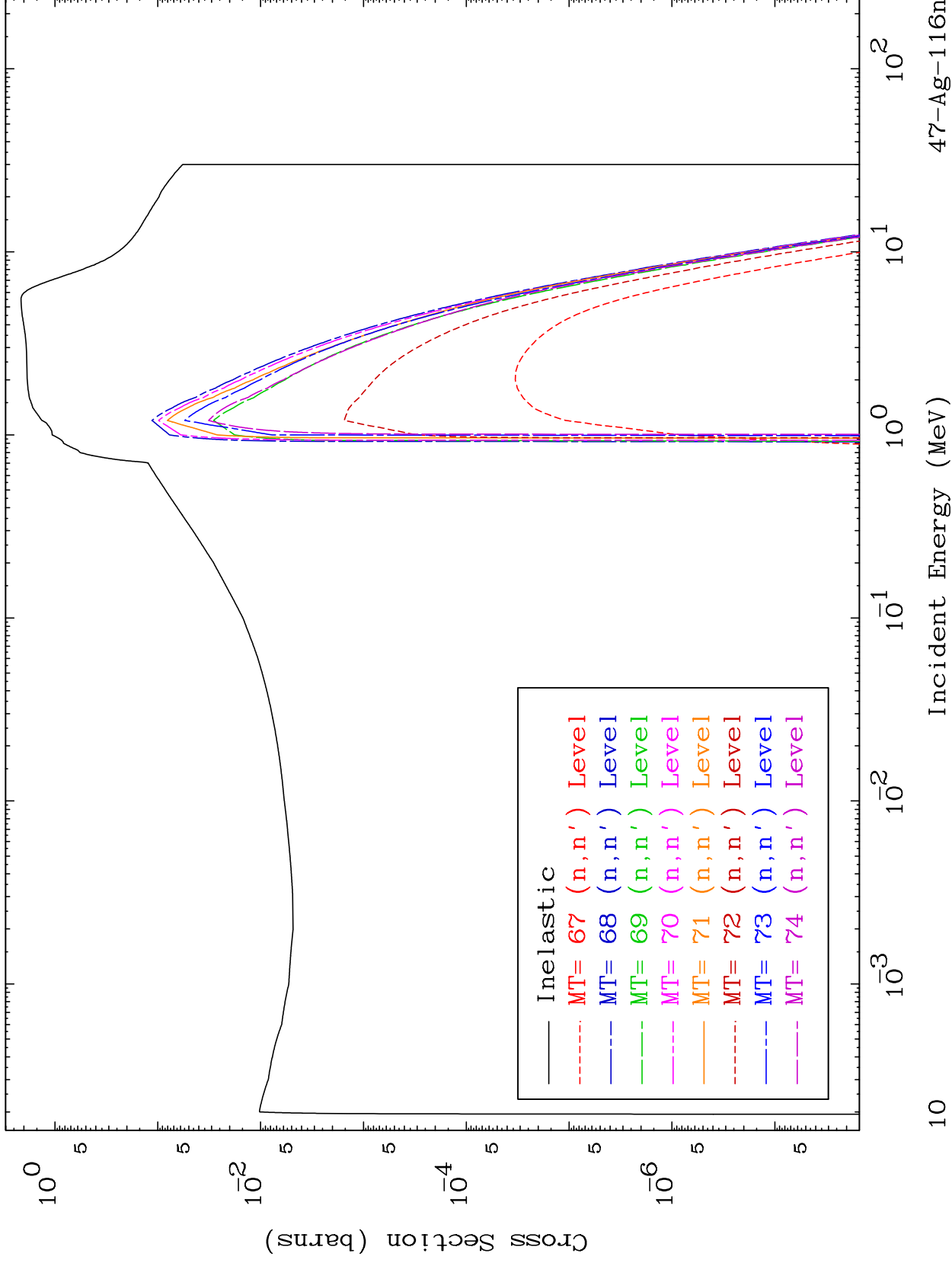
47-Ag-116n



MAT 4754

(n,n') Levels
293 Kelvin Cross Sections

47-Ag-116n



10

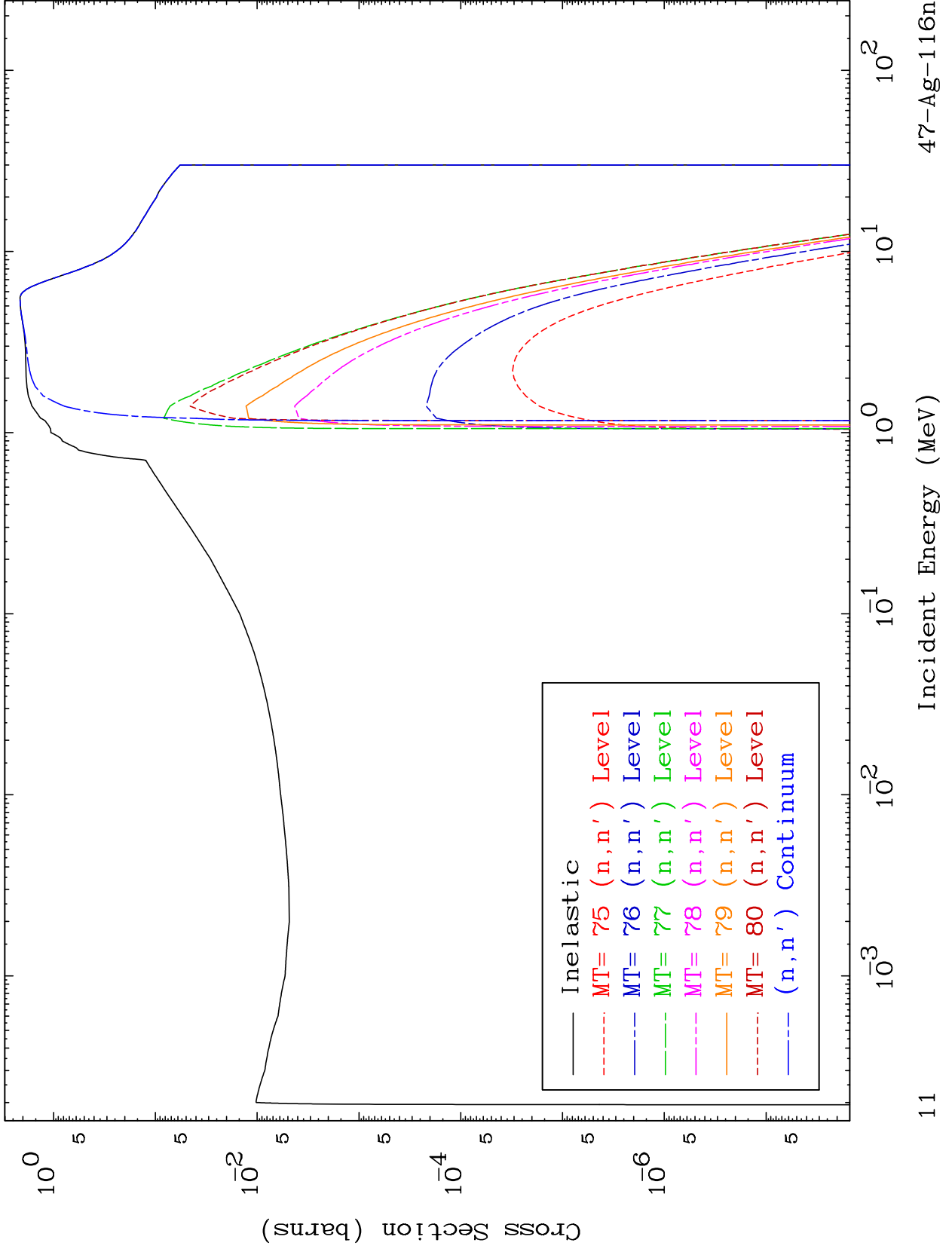
Incident Energy (MeV)

47-Ag-116n

MAT 4754

(n,n') Levels
293 Kelvin Cross Sections

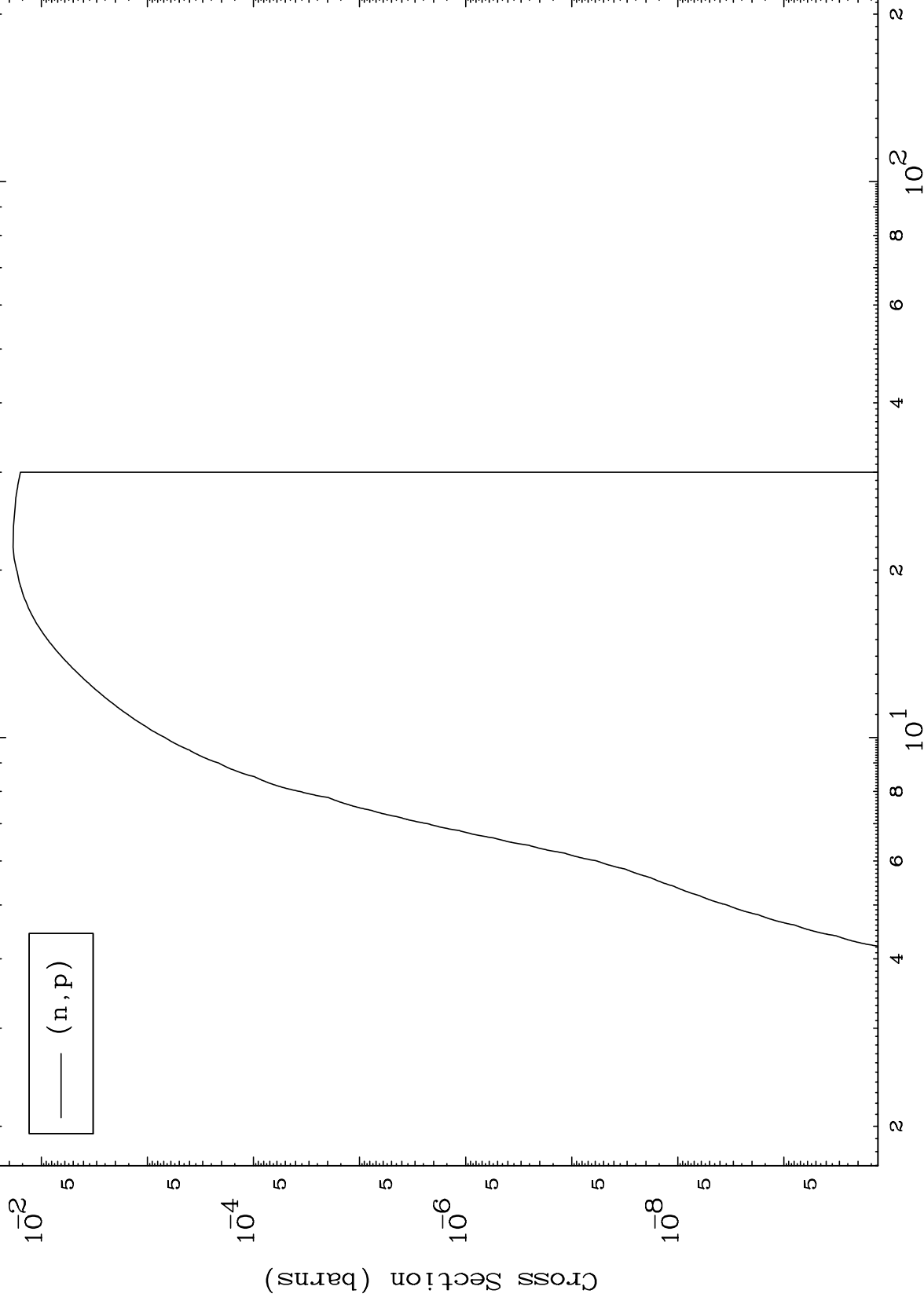
47-Ag-116n



MAT 4754

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-116n



12

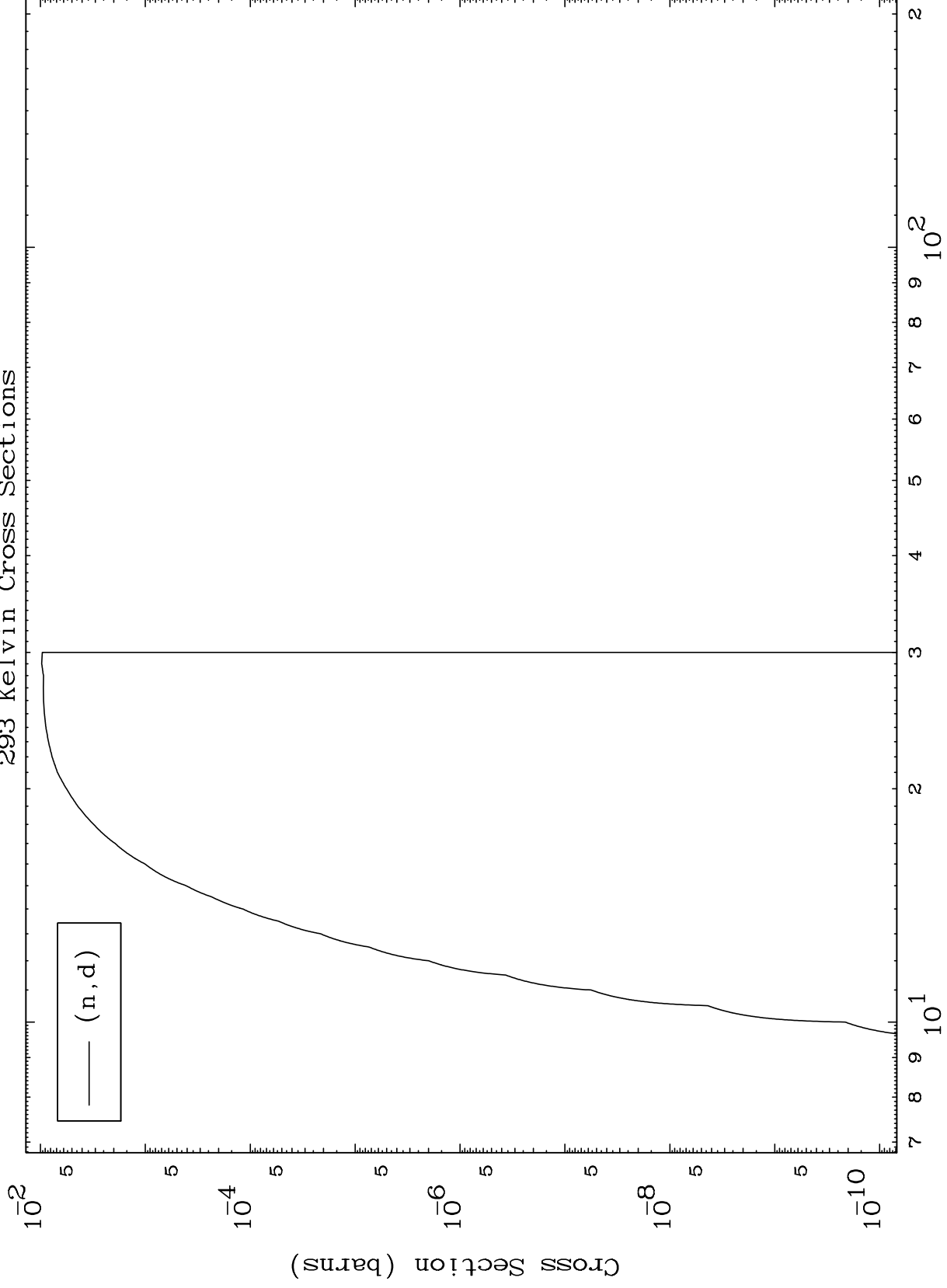
Incident Energy (MeV)

47-Ag-116n

MAT 4754

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-116n



13

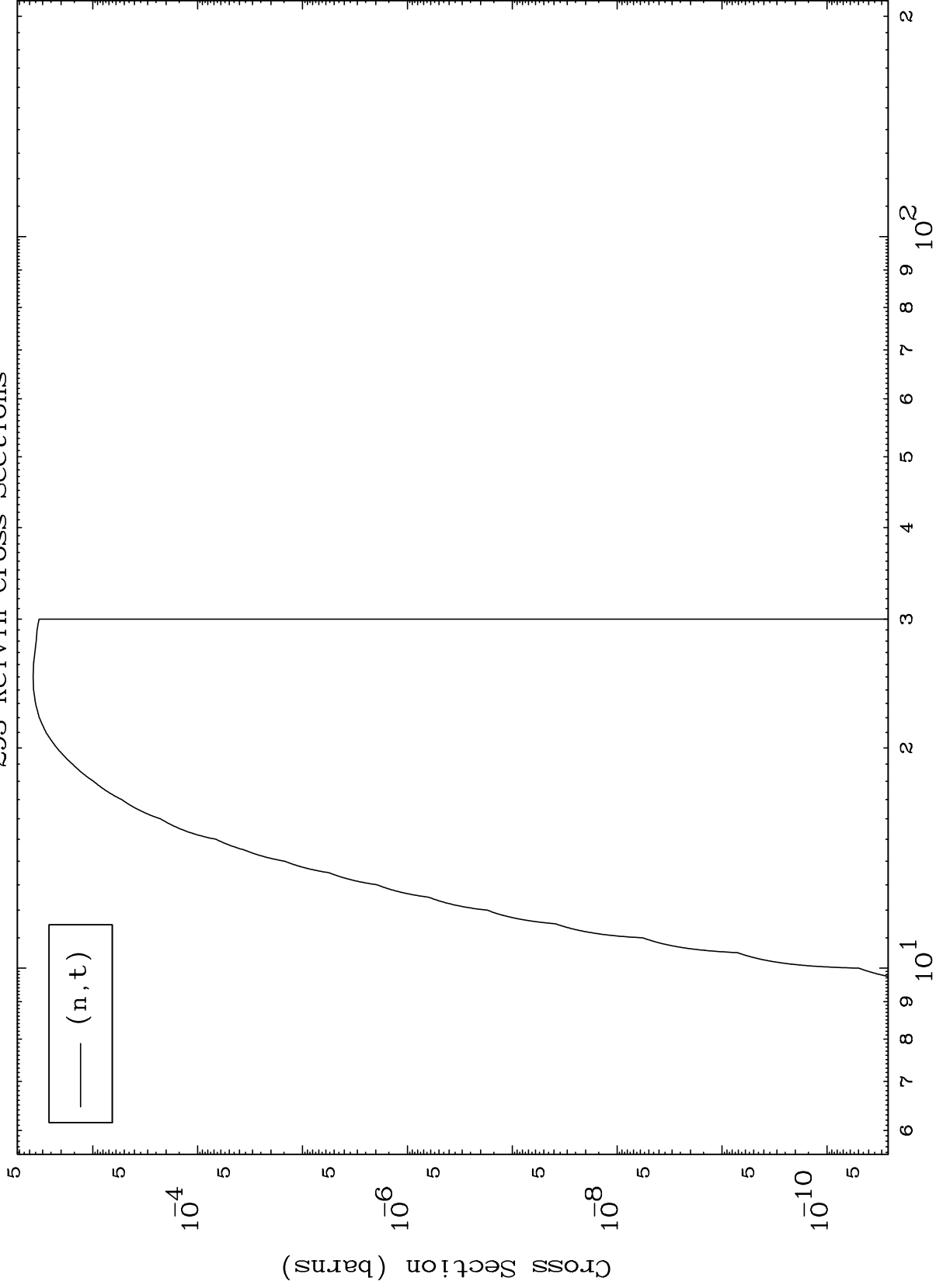
Incident Energy (MeV)

47-Ag-116n

MAT 4754

(n, t) Levels
293 Kelvin Cross Sections

47-Ag-116n



14

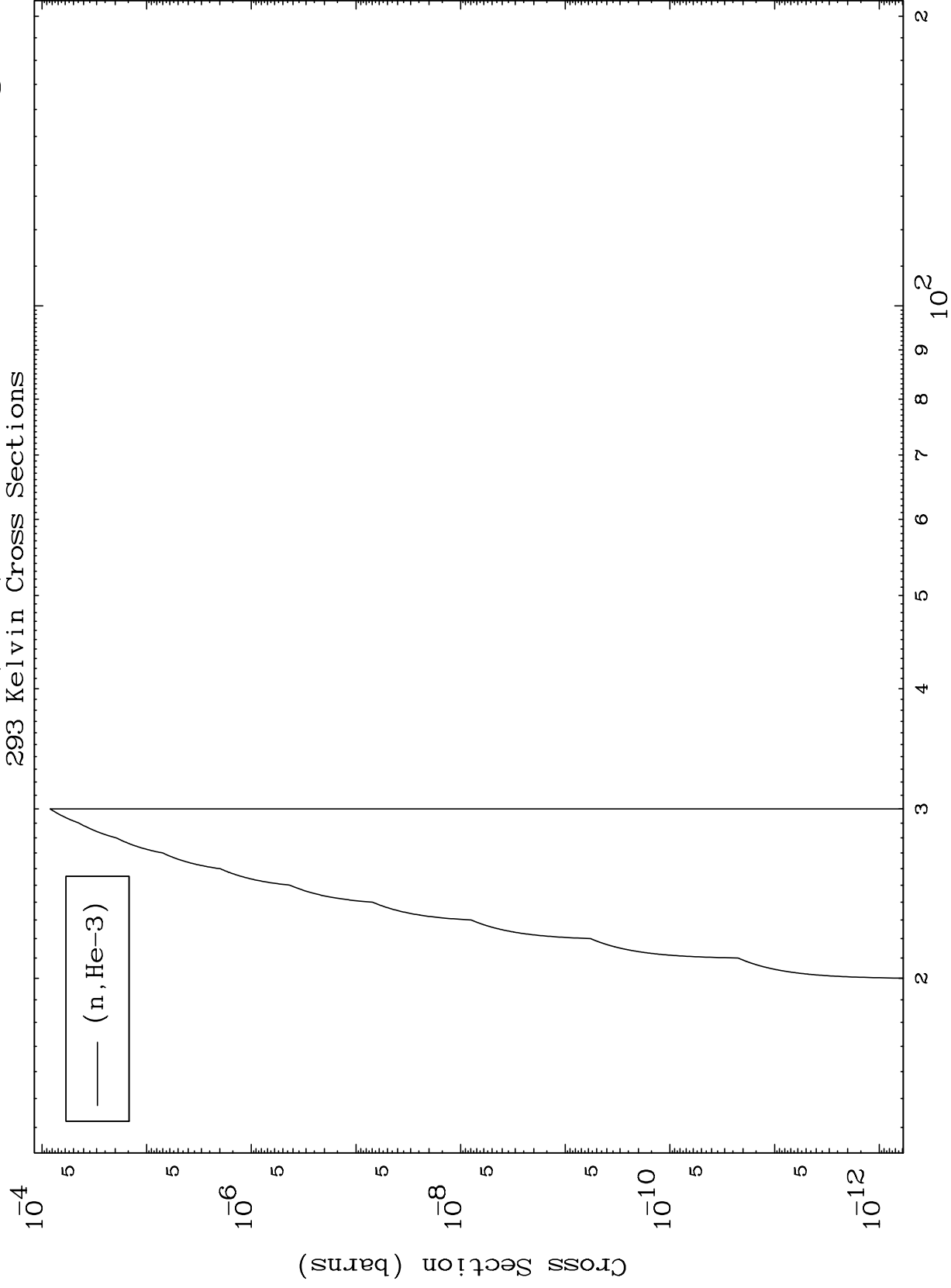
Incident Energy (MeV)

47-Ag-116n

MAT 4754

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-116n



15

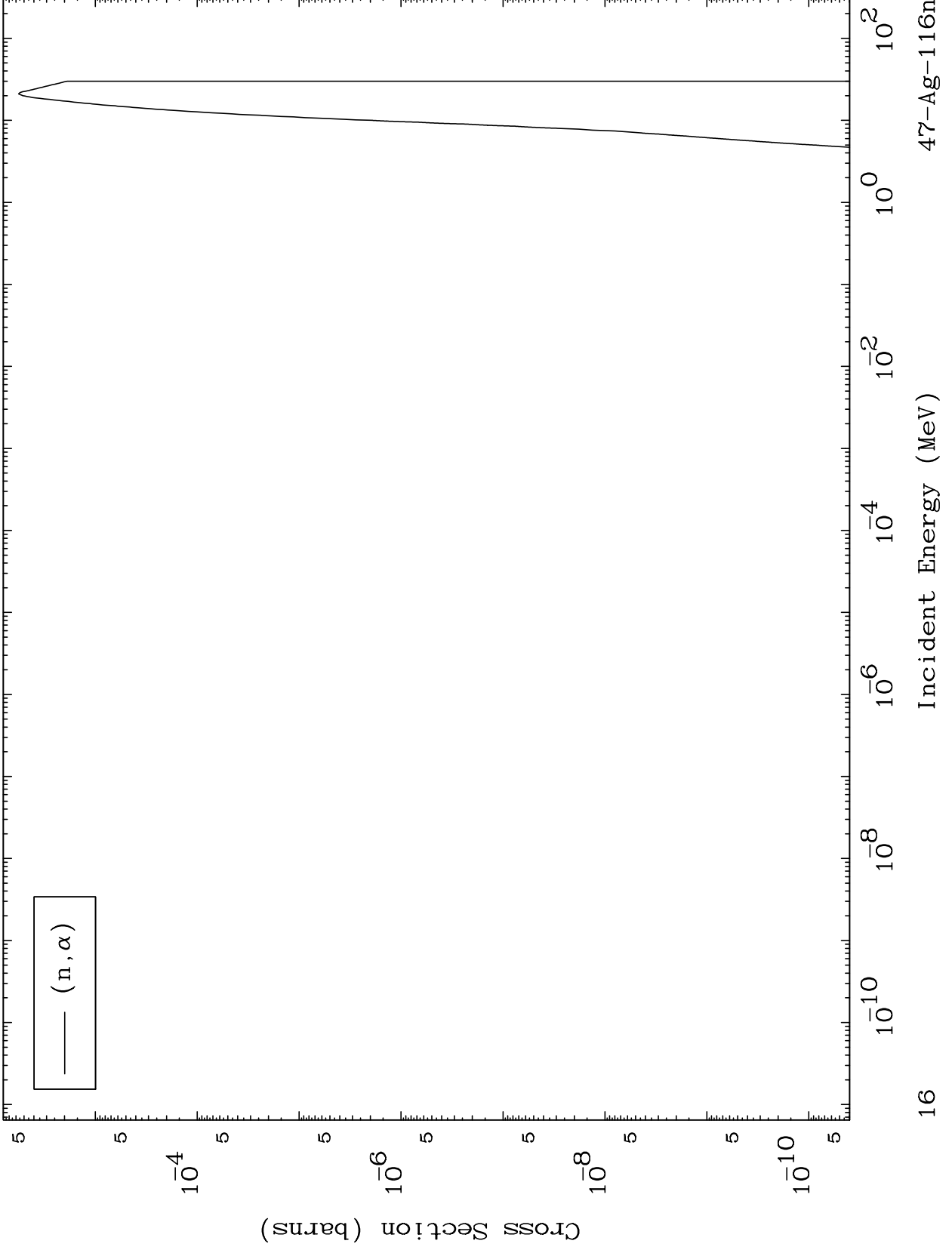
Incident Energy (MeV)

47-Ag-116n

MAT 4754

(n, α) Levels
293 Kelvin Cross Sections

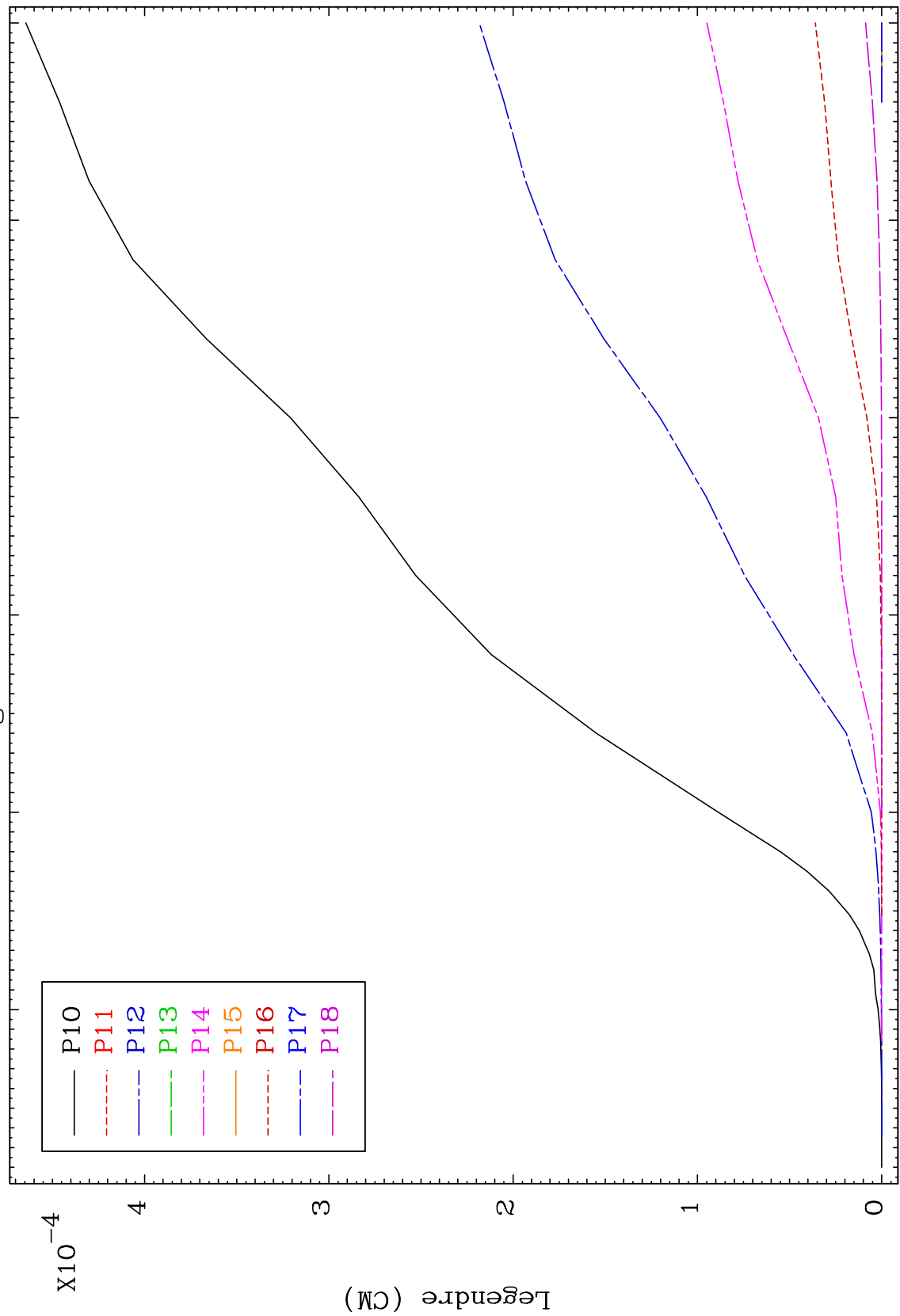
47-Ag-116n



MAT 4754

Elastic Legendre Coefficients

47-Ag-116n



18

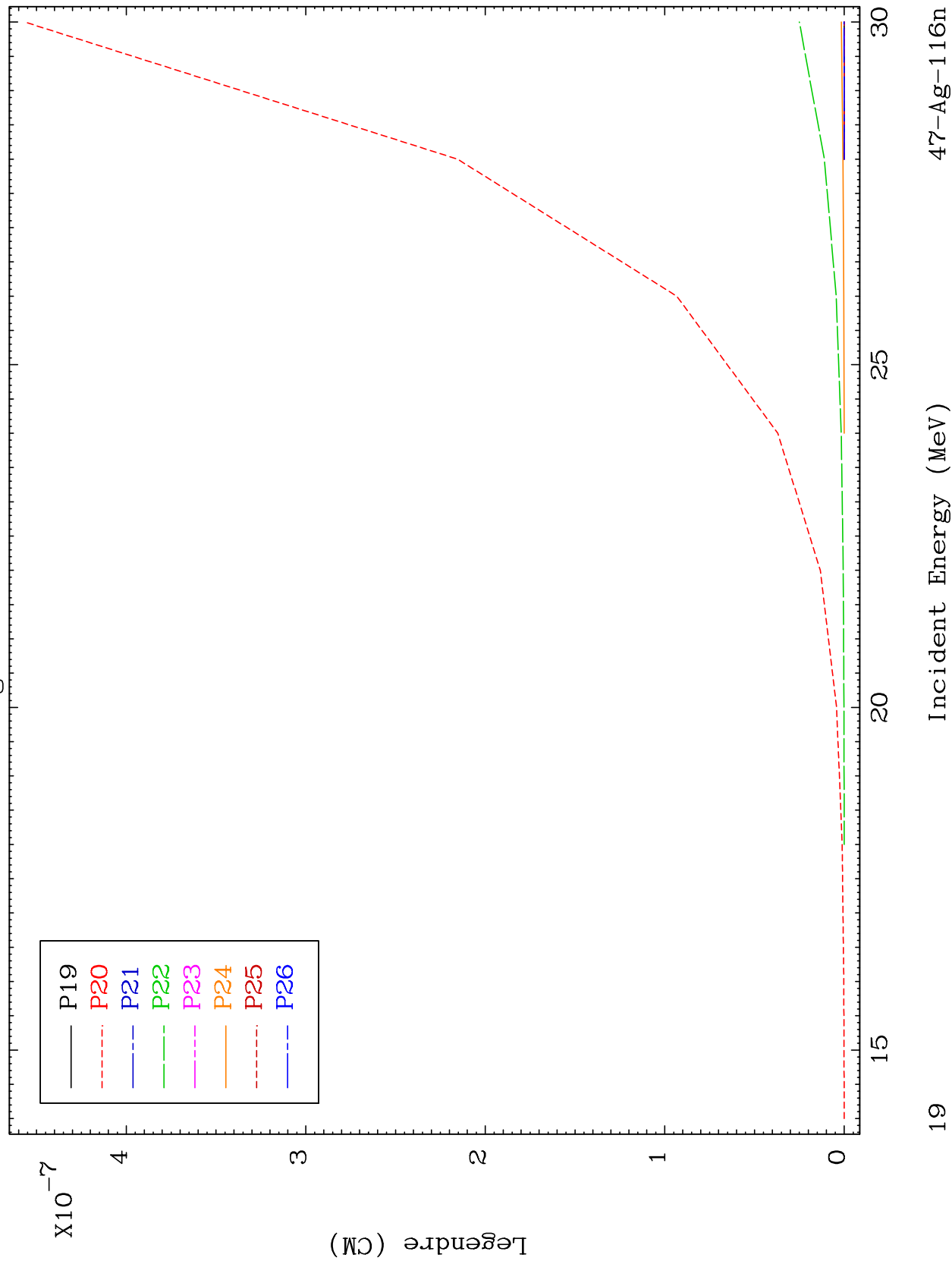
Incident Energy (MeV)

47-Ag-116n

MAT 4754

Elastic
Legendre Coefficients

47-Ag-116n



19

47-Ag-116n

MAT 4754

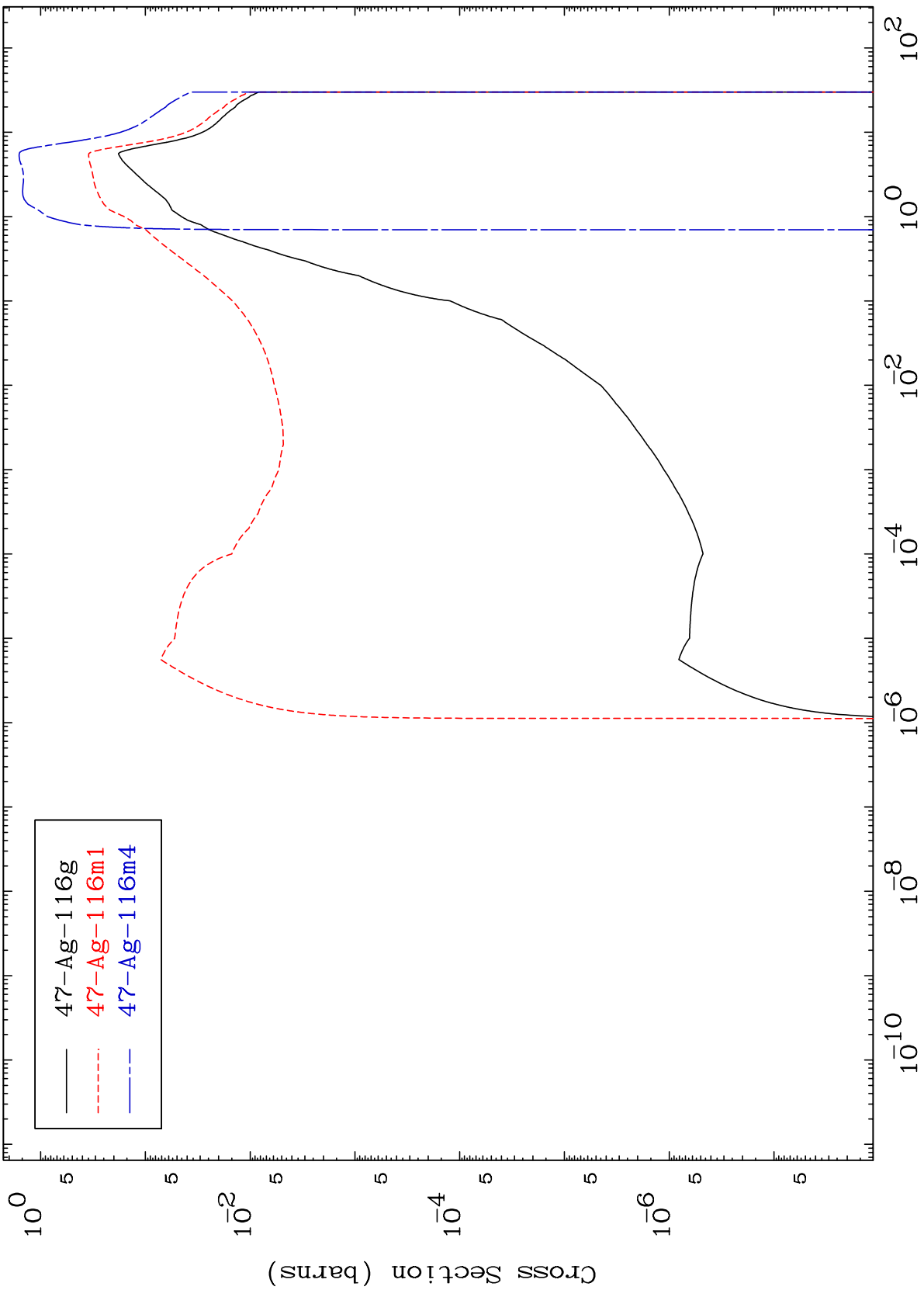
47-Ag-116n

Radionuclide Production Cross Section

Inelastic

47-Ag-116n

Incident Energy (MeV)



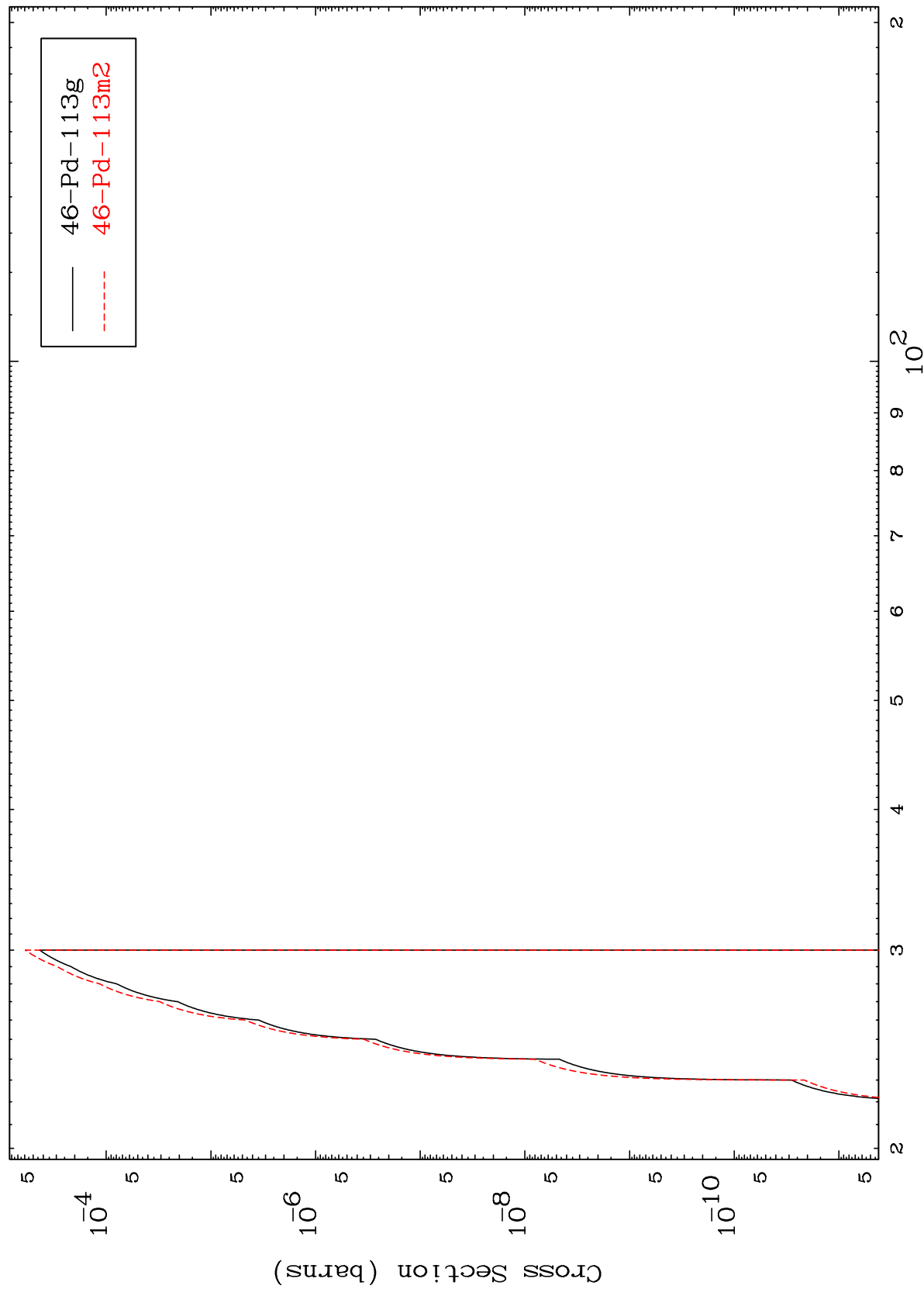
Legend:
— 47-Ag-116g
- - - 47-Ag-116m1
- - - 47-Ag-116m4

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(n,2n) d

47-Ag-116n

Radionuclide Production Cross Section



21

Incident Energy (MeV)

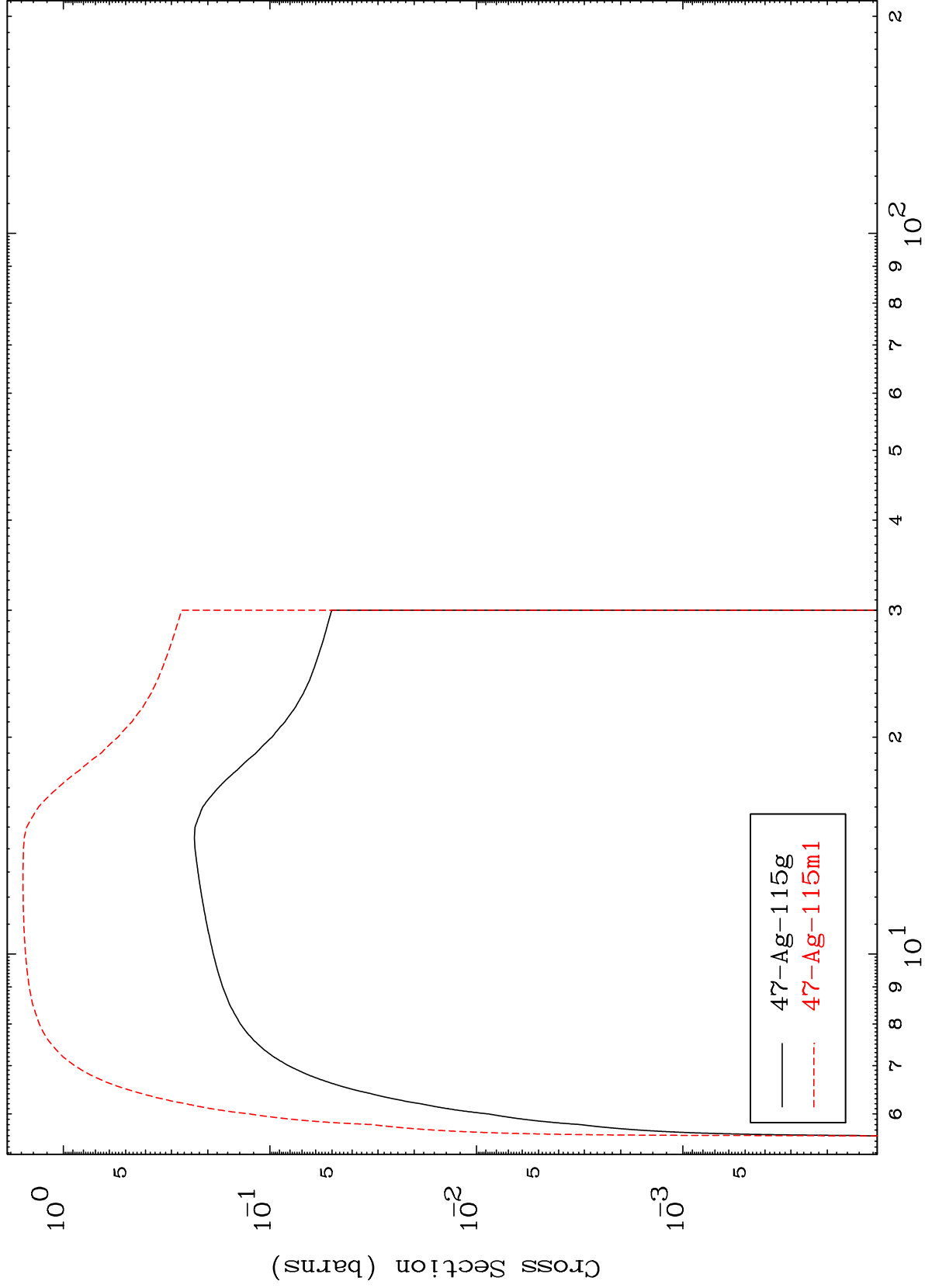
47-Ag-116n

MAT 4754

(n,2n)

47-Ag-116n

Radionuclide Production Cross Section



22

Incident Energy (MeV)

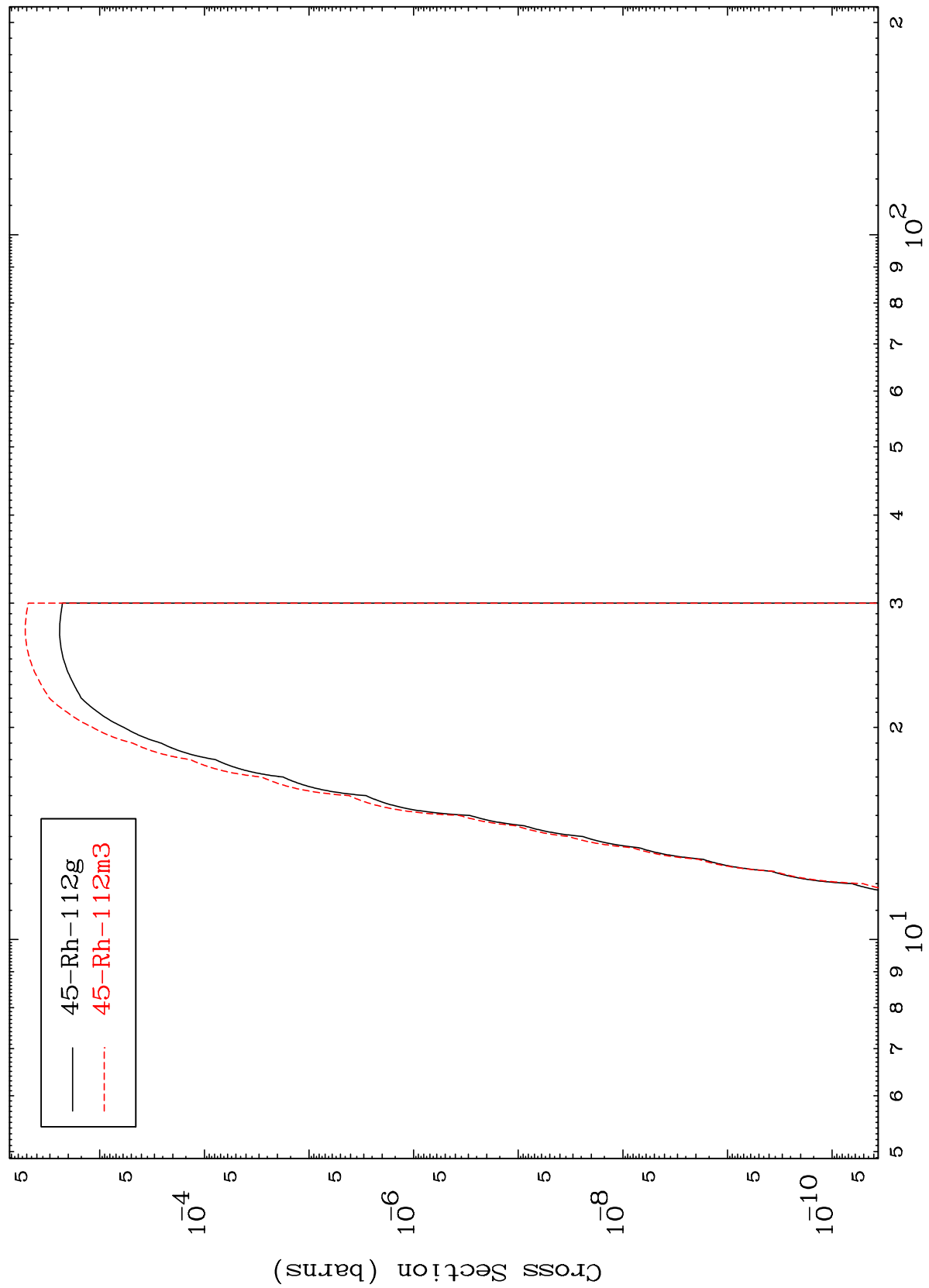
47-Ag-116n

MAT 4754

47-Ag-116n

(n,n') α

Radionuclide Production Cross Section



47-Ag-116n

Incident Energy (MeV)

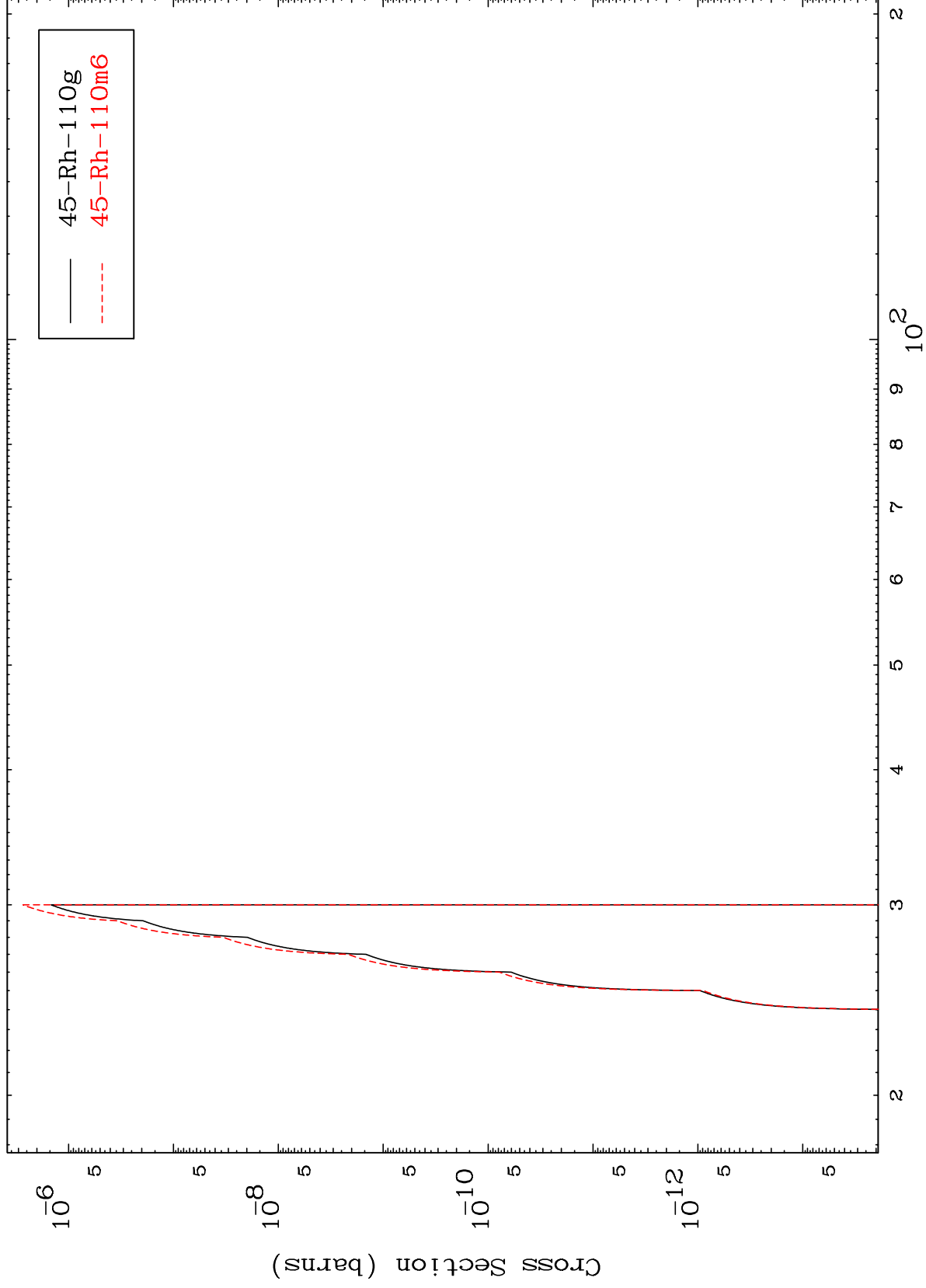
23

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47-Ag-116n

(n,3n) α

Radionuclide Production Cross Section



24

Incident Energy (MeV)

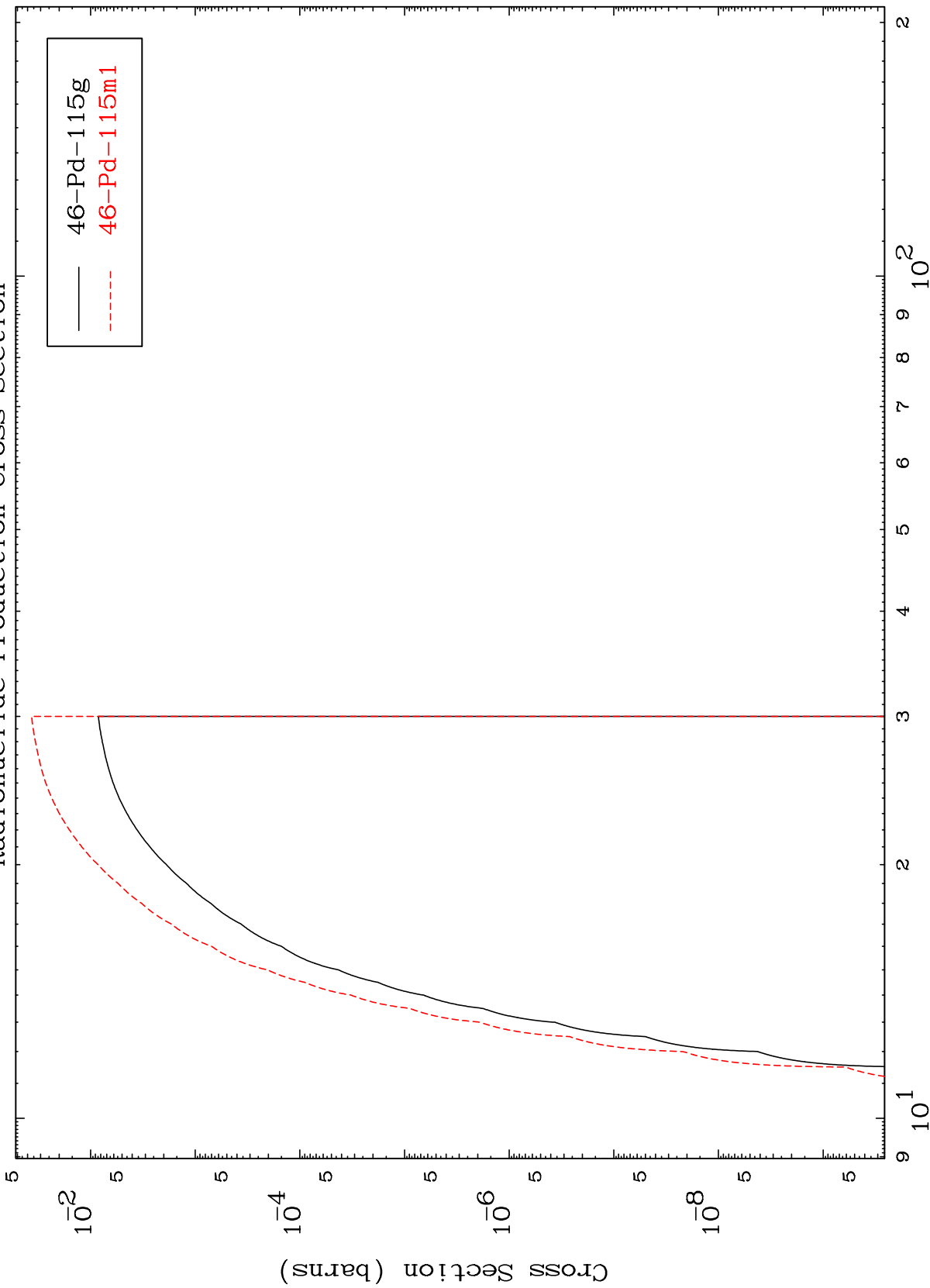
47-Ag-116n

MAT 4754

(n,n') p

47-Ag-116n

Radionuclide Production Cross Section



Incident Energy (MeV)

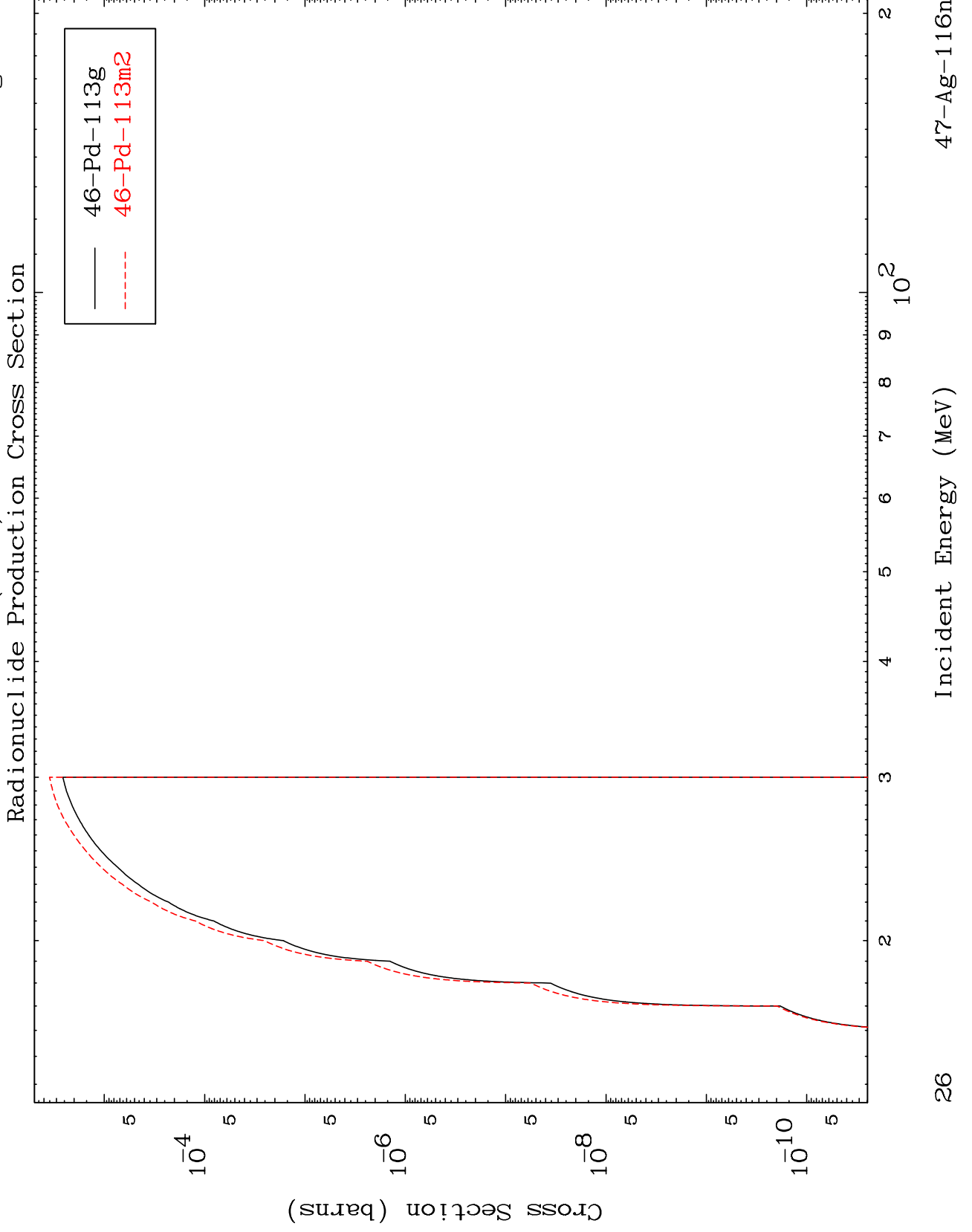
47-Ag-116n

25

MAT 4754

(n,n') t

47-Ag-116n



26

Incident Energy (MeV)

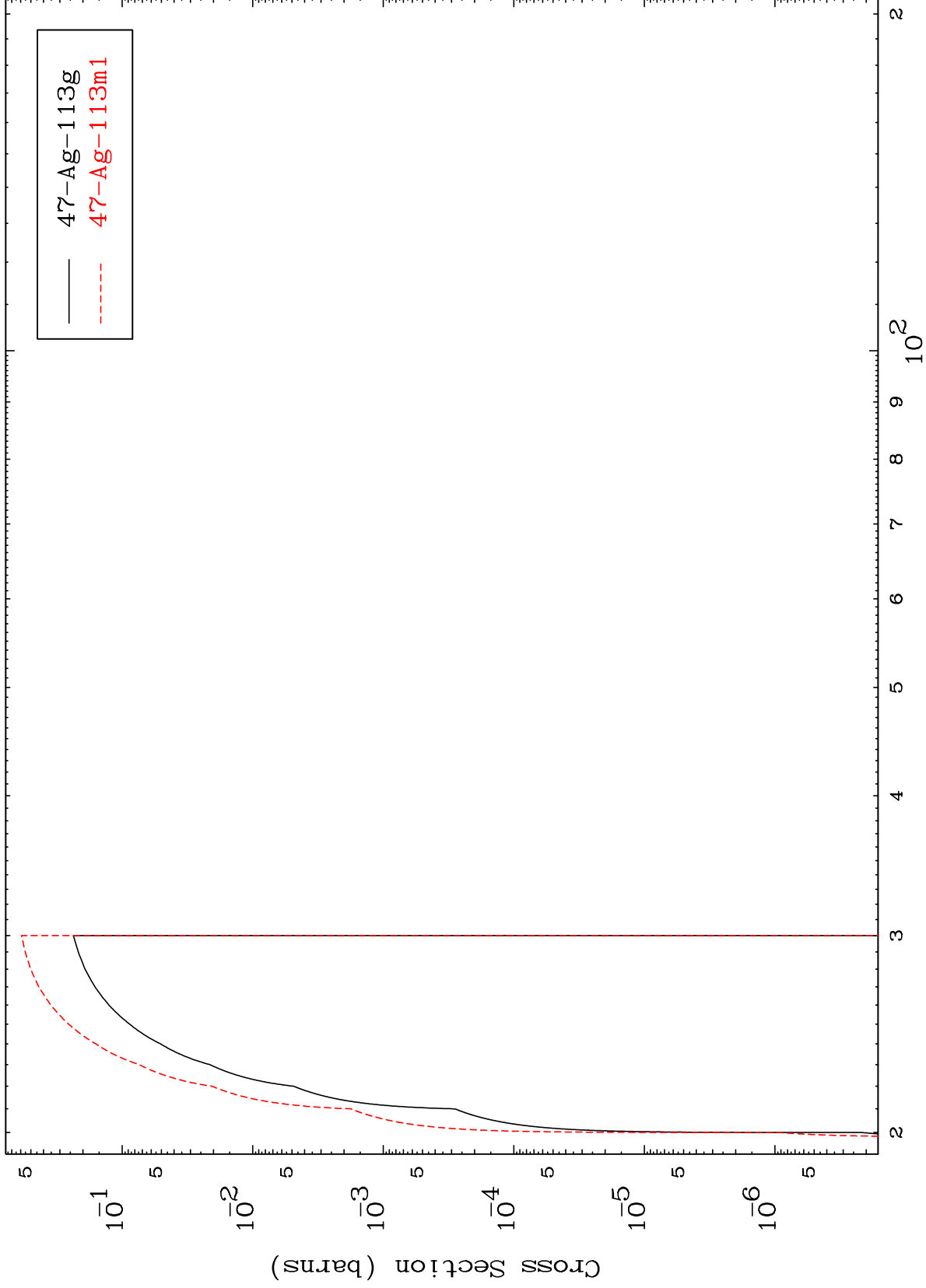
47-Ag-116n

MAT 4754

(n,4n)

47-Ag-116n

Radionuclide Production Cross Section



27

Incident Energy (MeV)

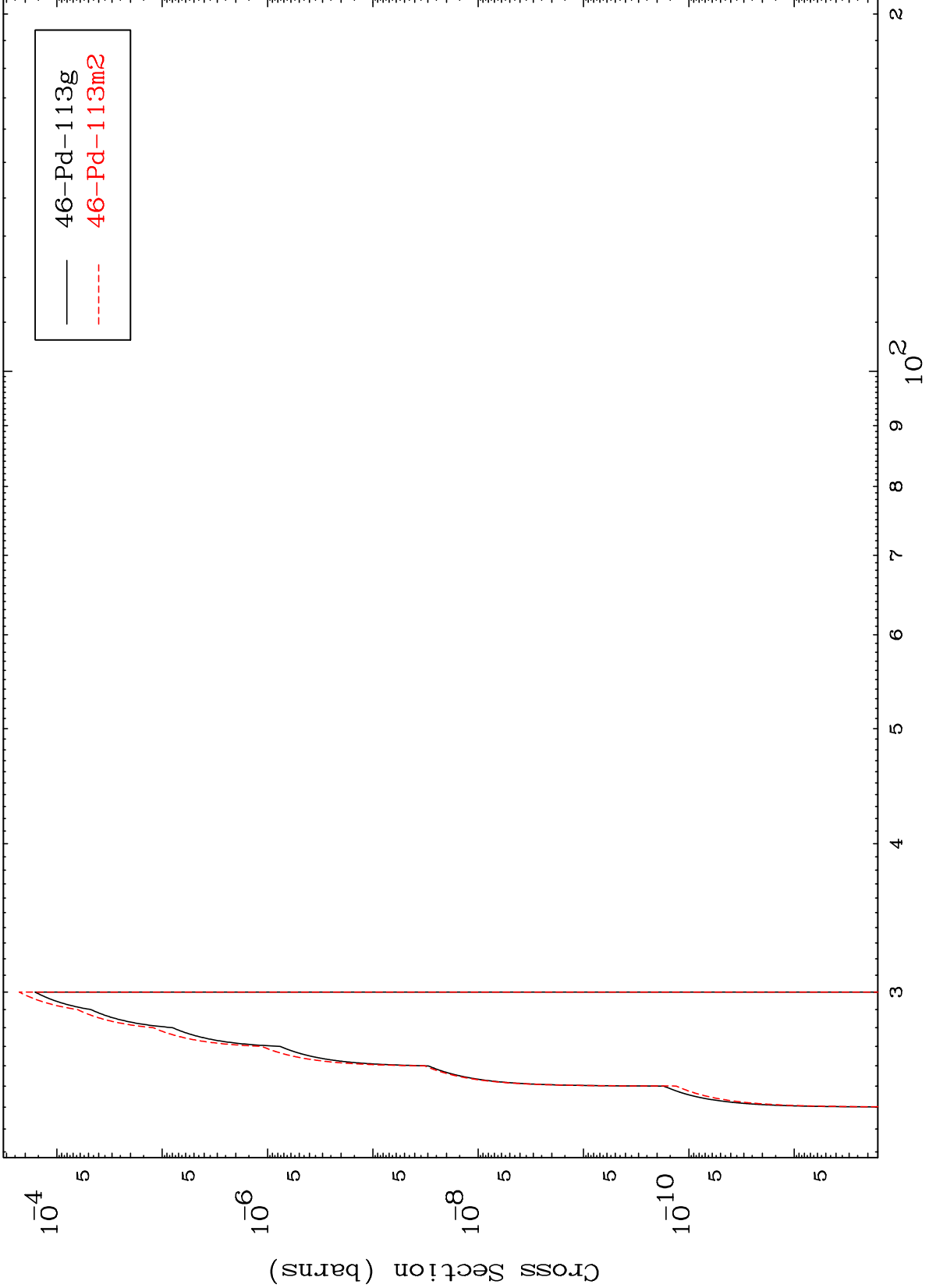
47-Ag-116n

MAT 4754

(n,3n) p

47-Ag-116n

Radionuclide Production Cross Section



28

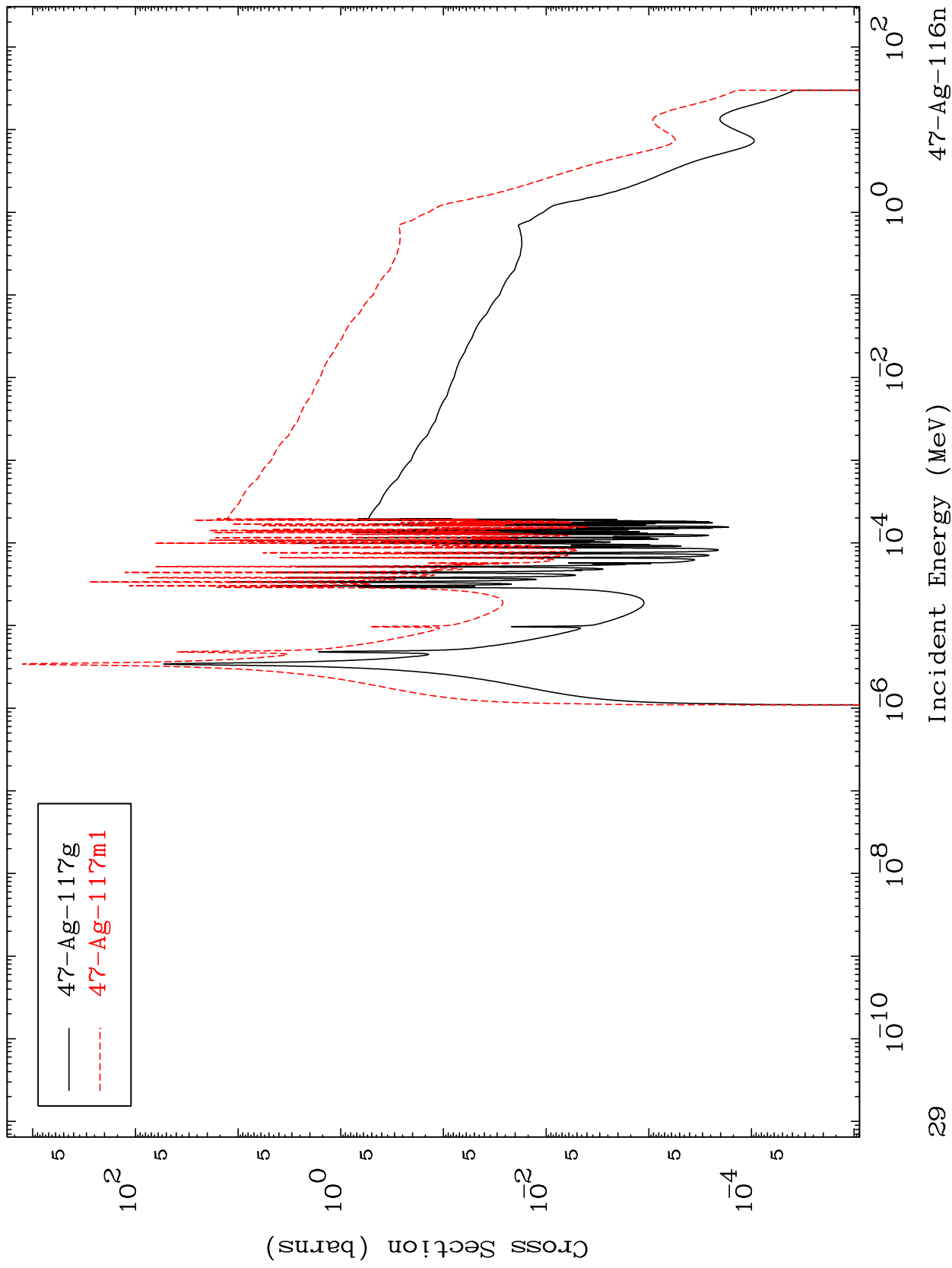
Incident Energy (MeV)

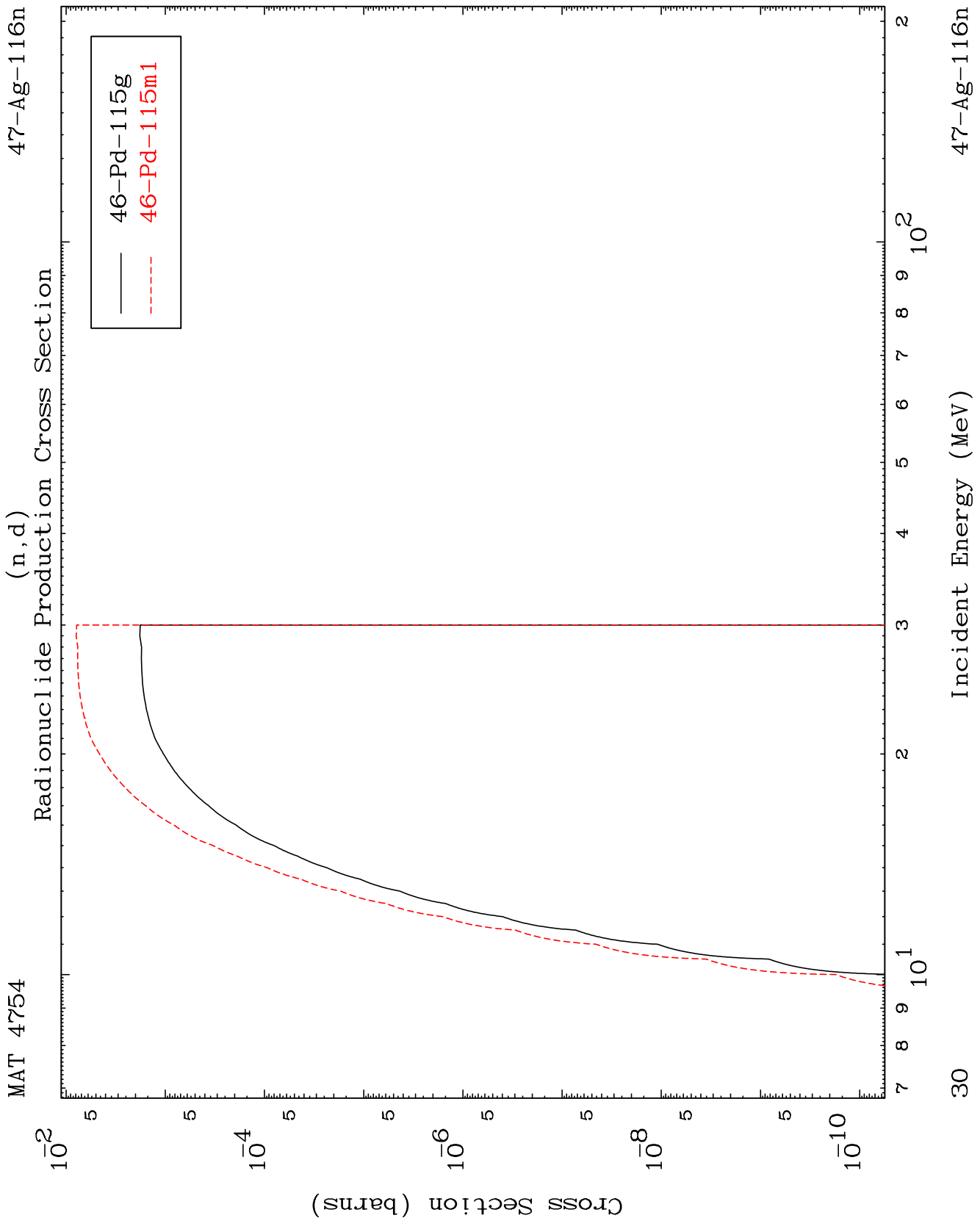
47-Ag-116n

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47-Ag-116n

Radionuclide Production Cross Section





MAT 4754

(n,He-3)

47-Ag-116n

