

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

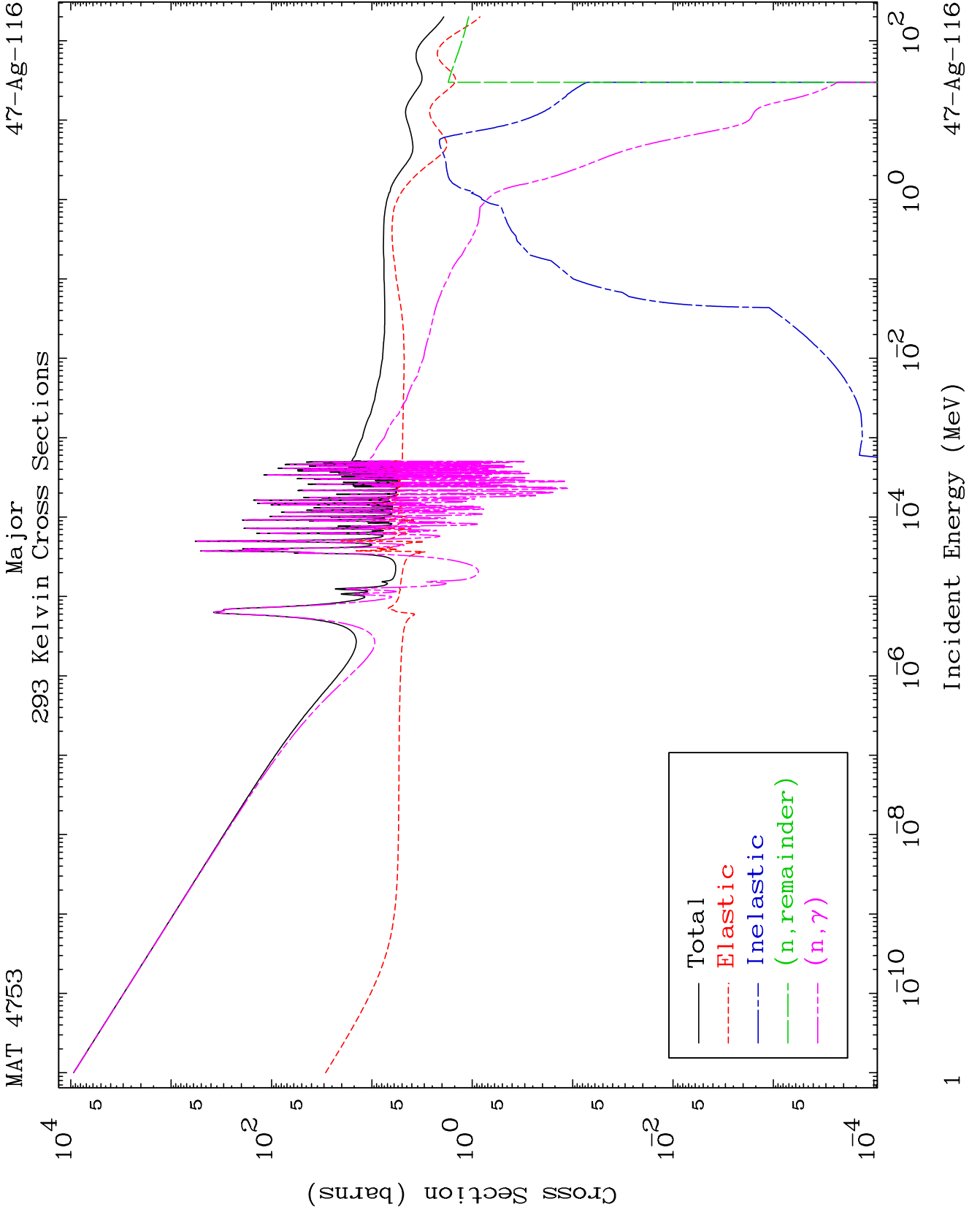
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

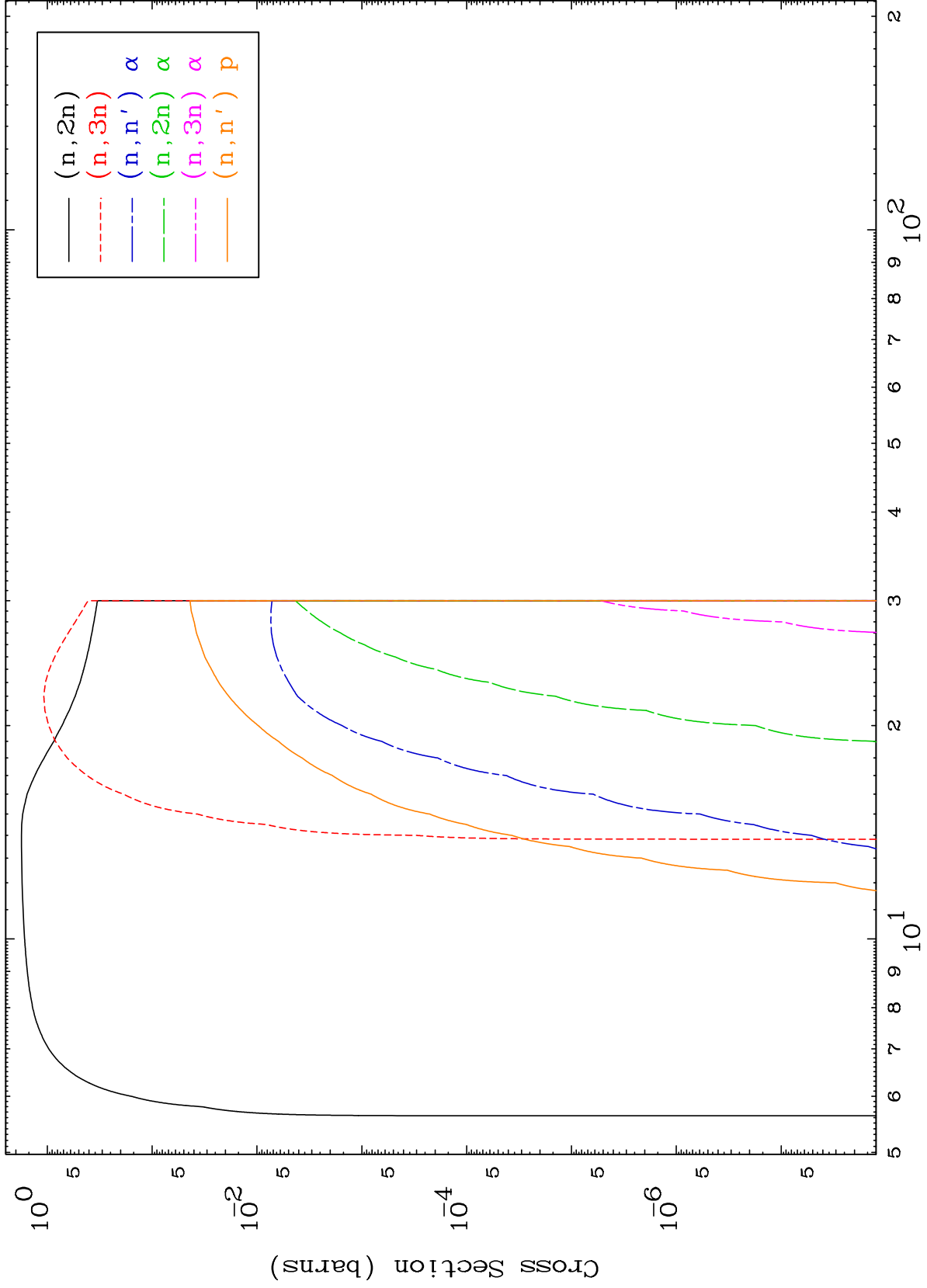
Tele: 925-443-1911

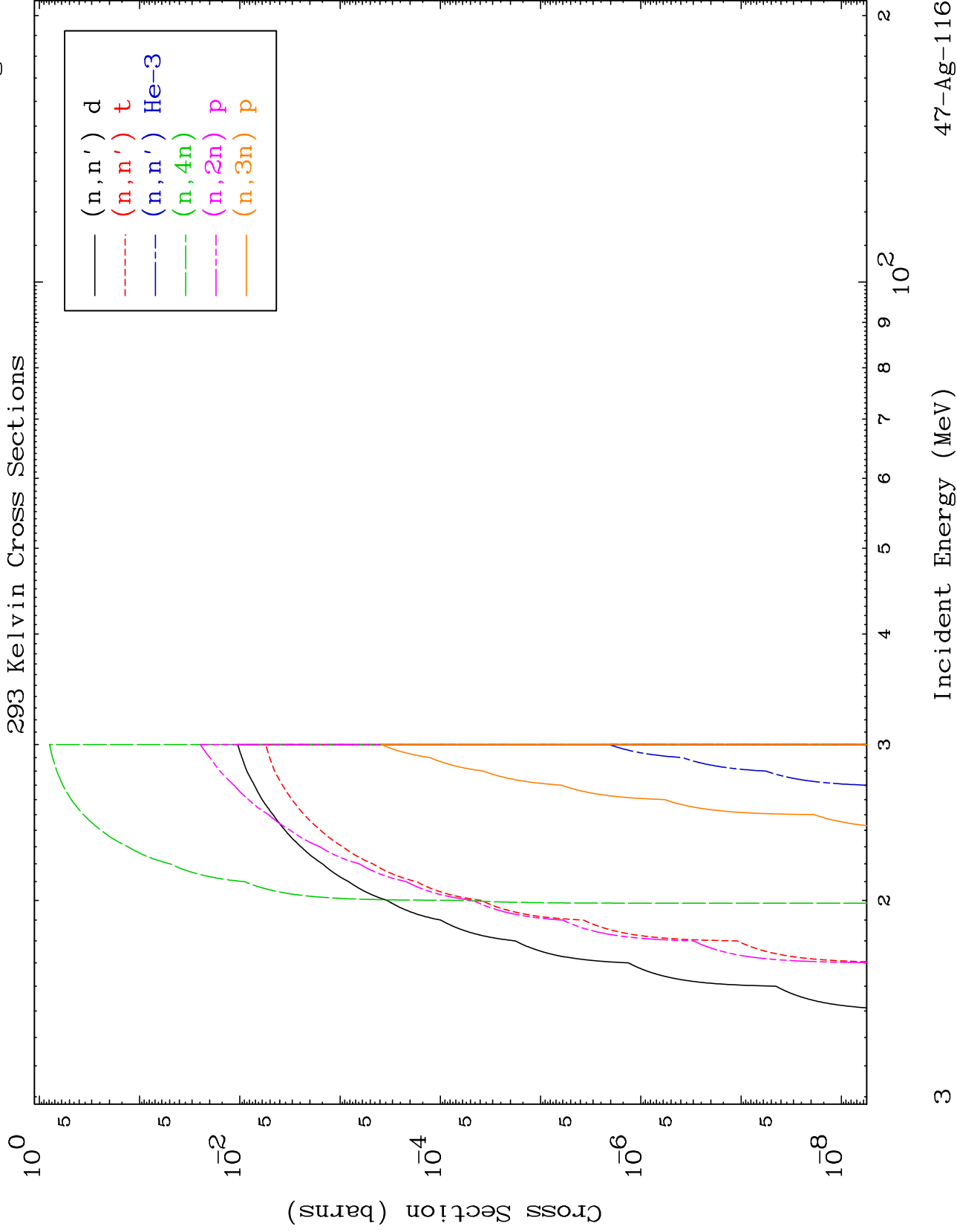
E.Mail: redcullen1@comcast.net

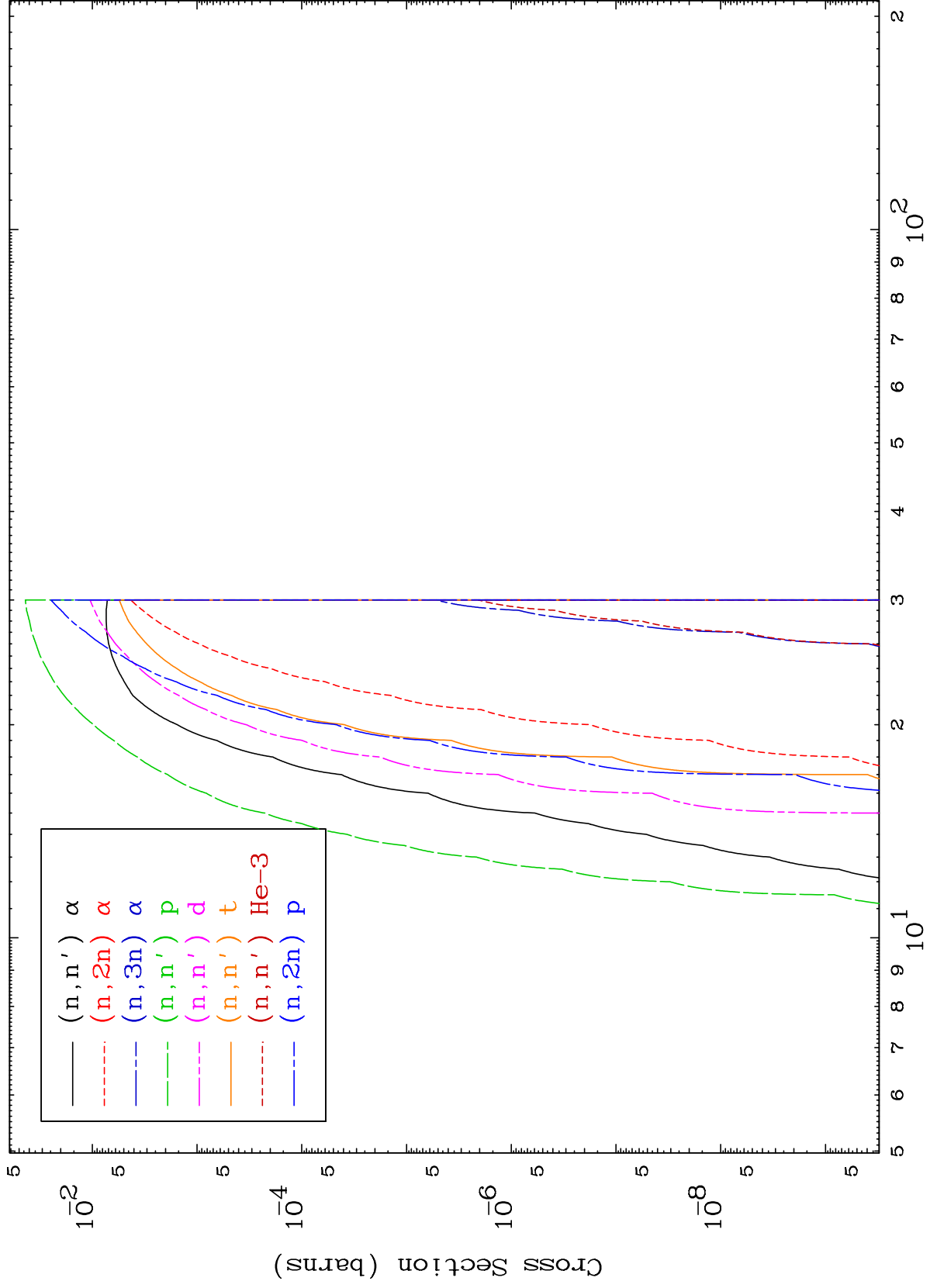
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





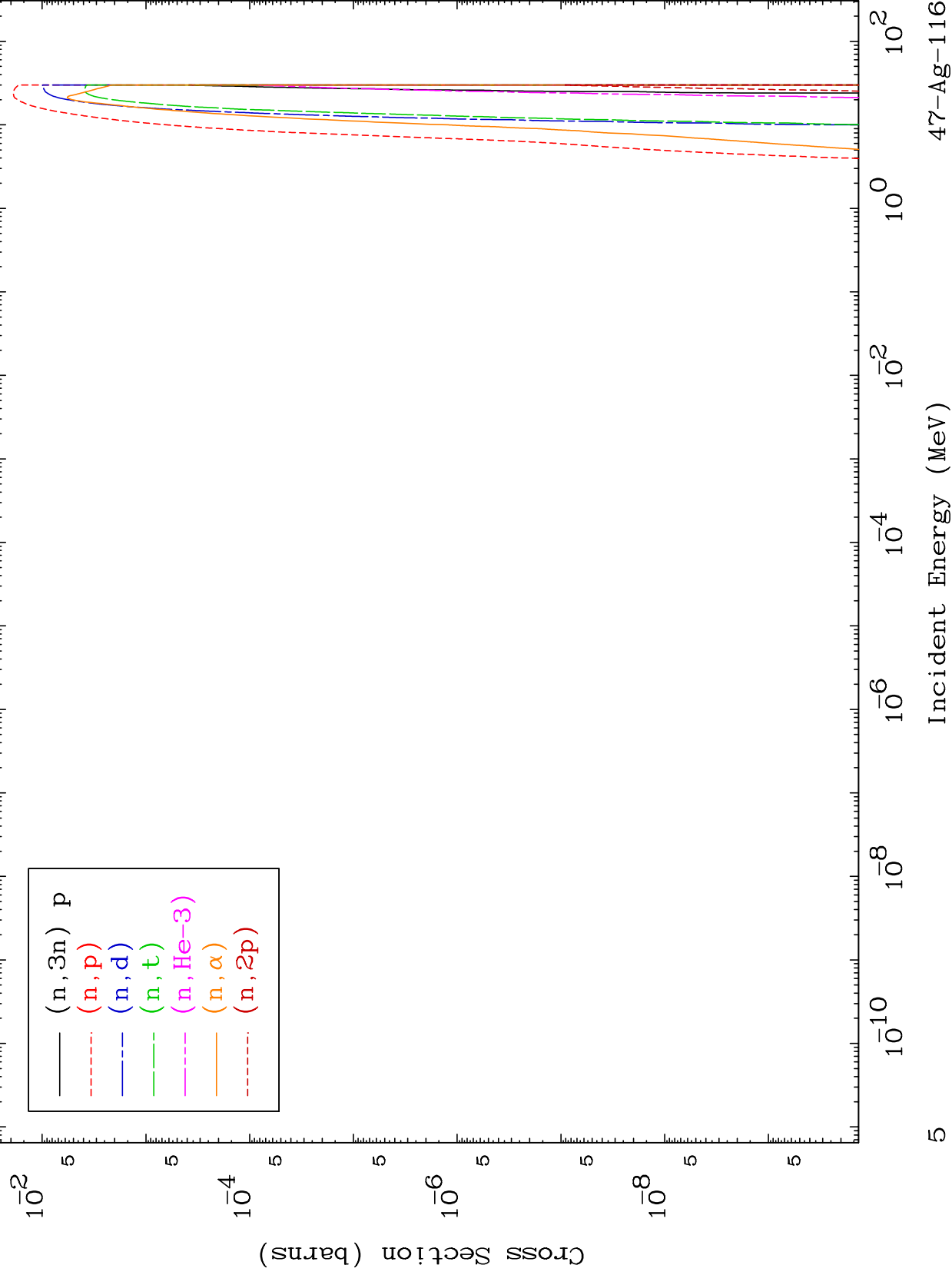




MAT 4753

Charged Particle
293 Kelvin Cross Sections

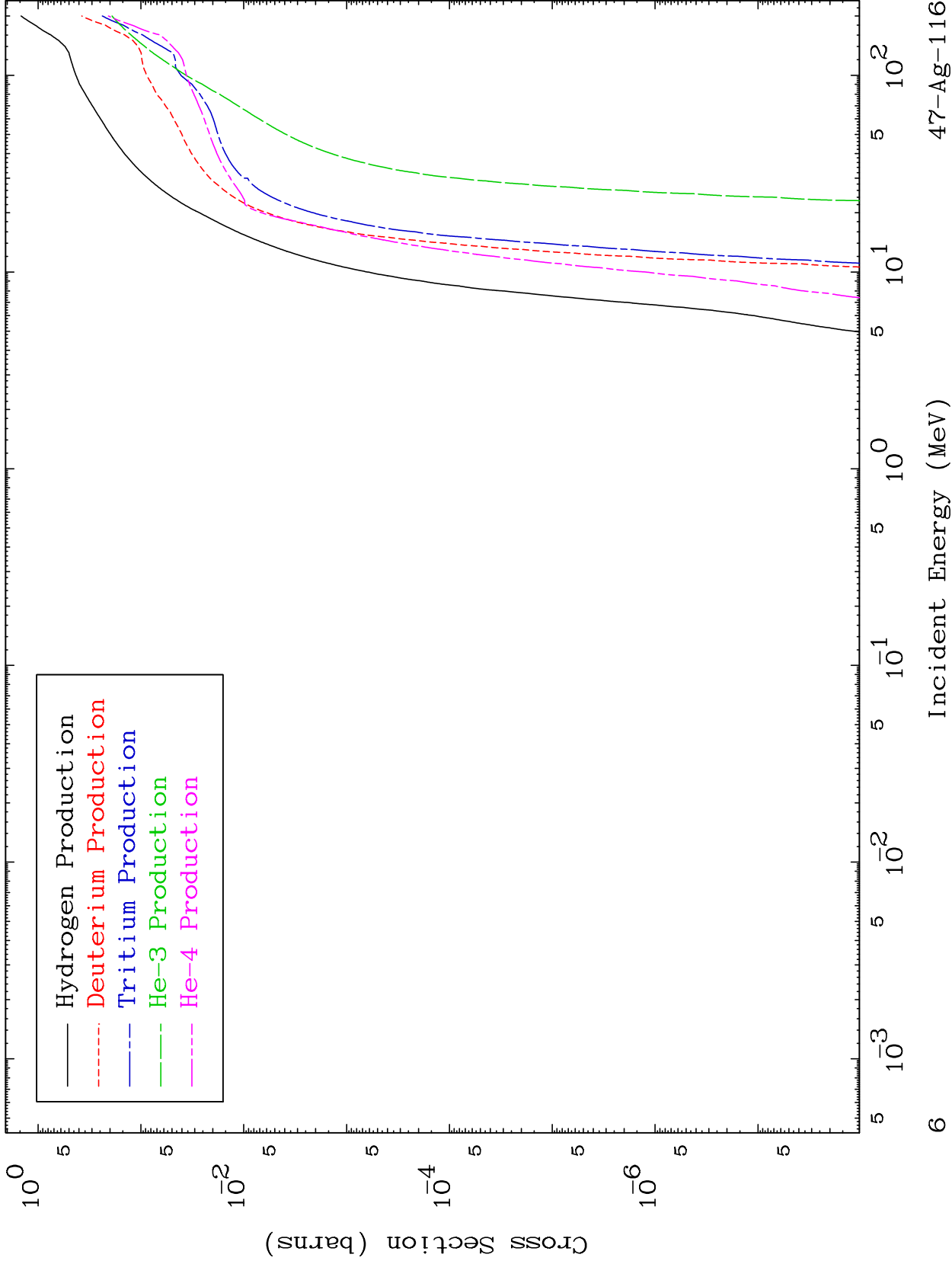
47-Ag-116



MAT 4753

Particle Production
293 Kelvin Cross Sections

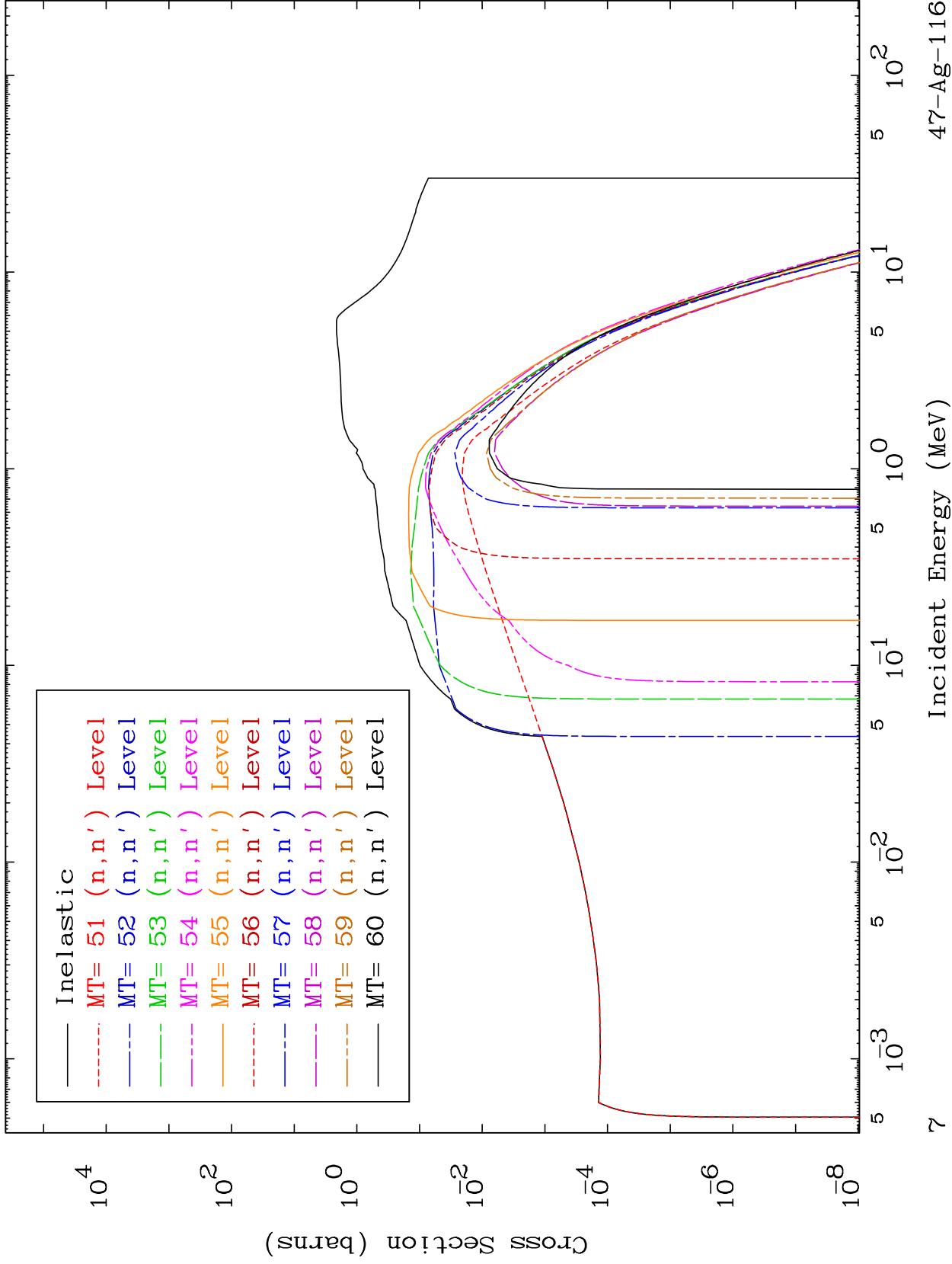
47-Ag-116



MAT 4753

(n,n') Level
293 Kelvin Cross Sections

47-Ag-116

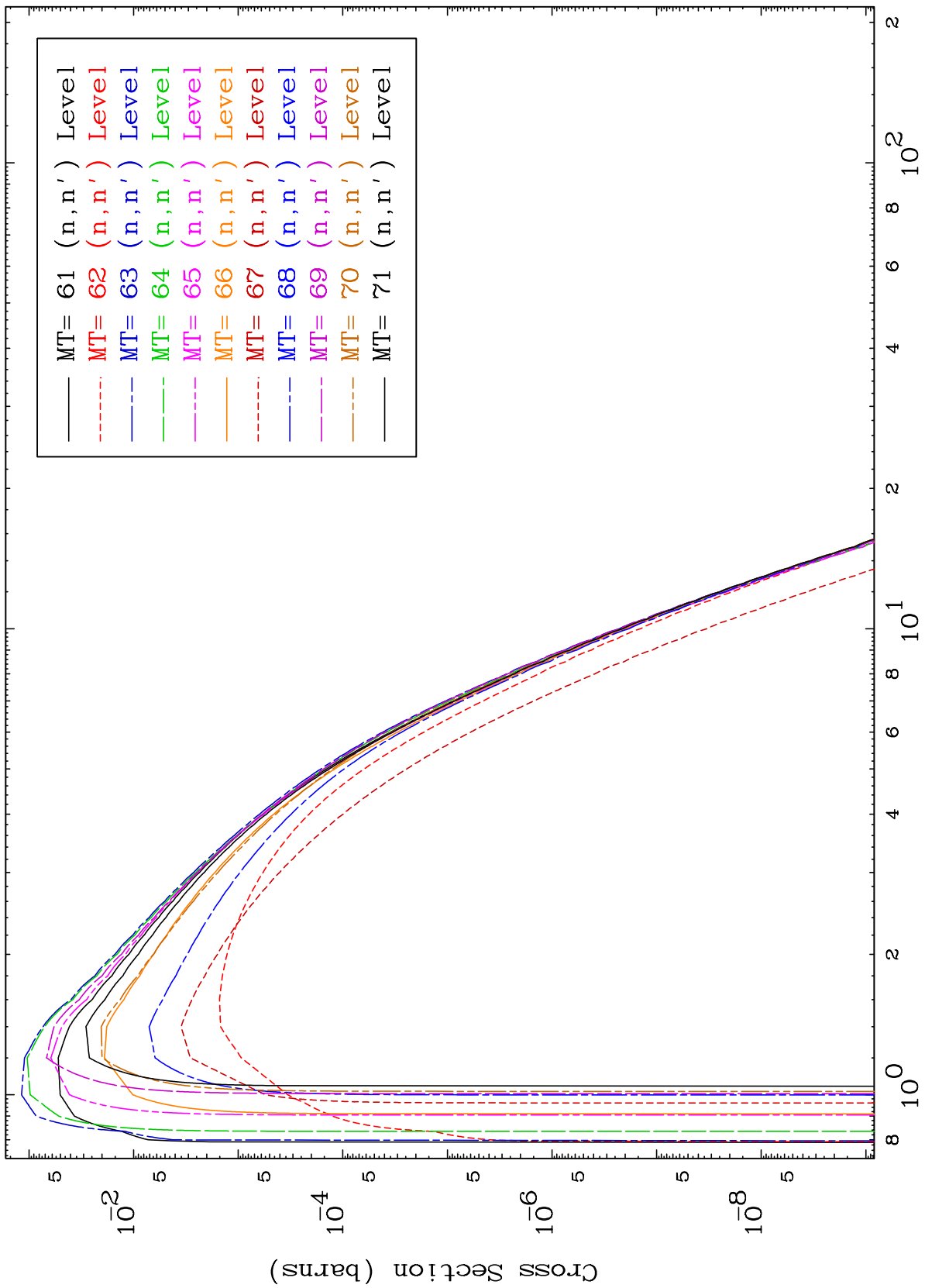


MAT 4753

(n,n') Level

47-Ag-116

293 Kelvin Cross Sections



Incident Energy (MeV)

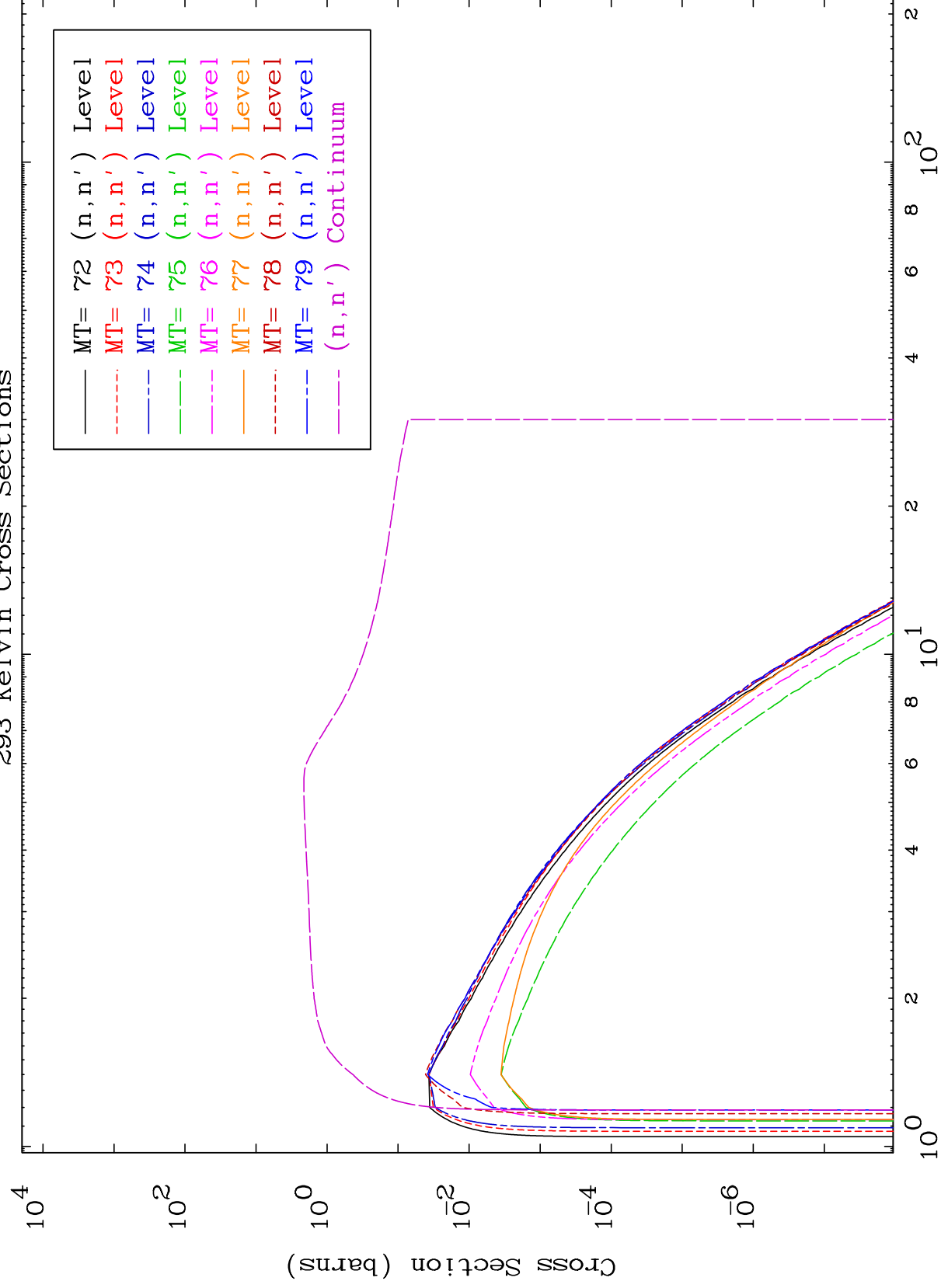
47-Ag-116

MAT 4753

(n,n') Level

293 Kelvin Cross Sections

47-Ag-116



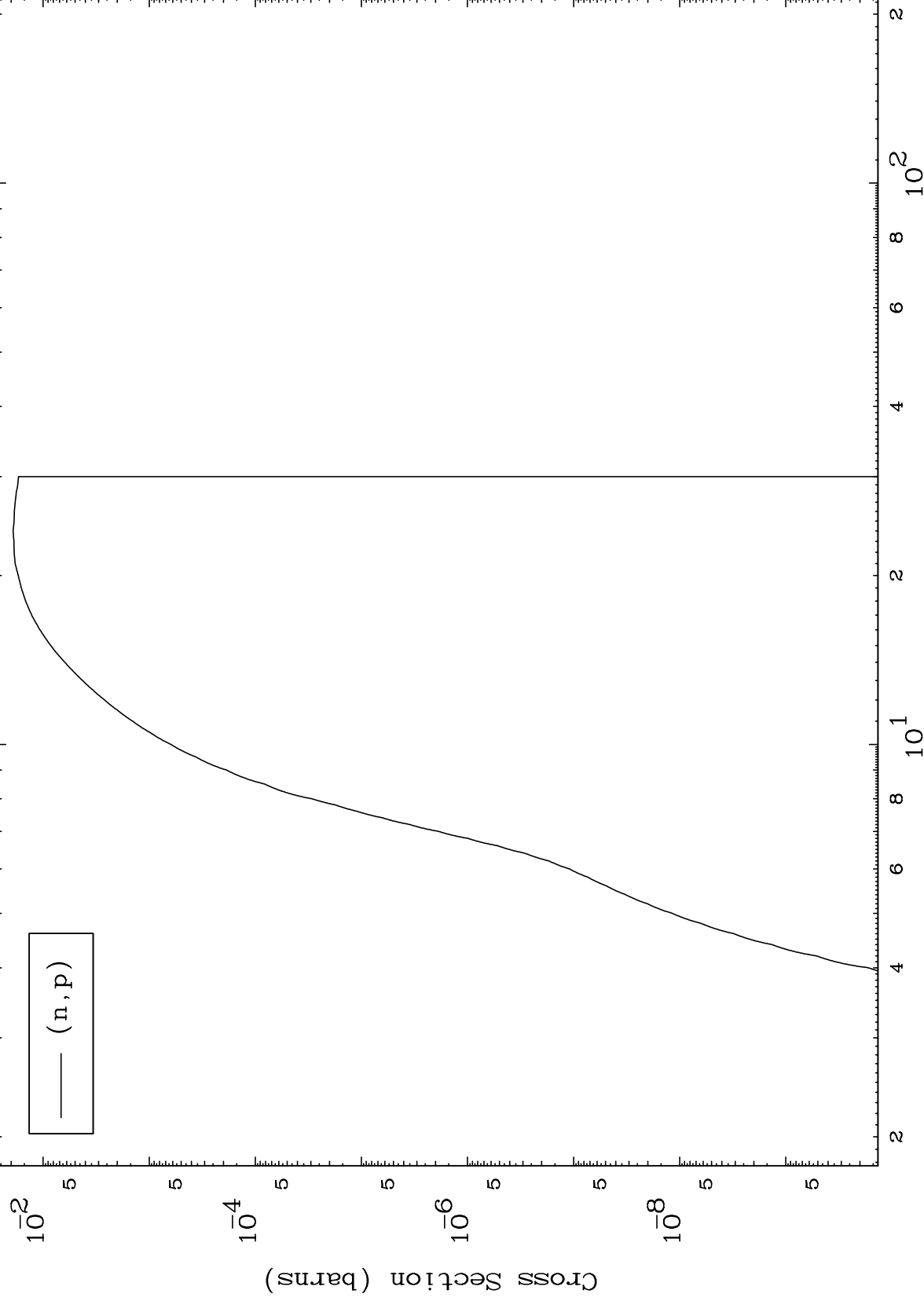
Incident Energy (MeV)

47-Ag-116

MAT 4753

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-116



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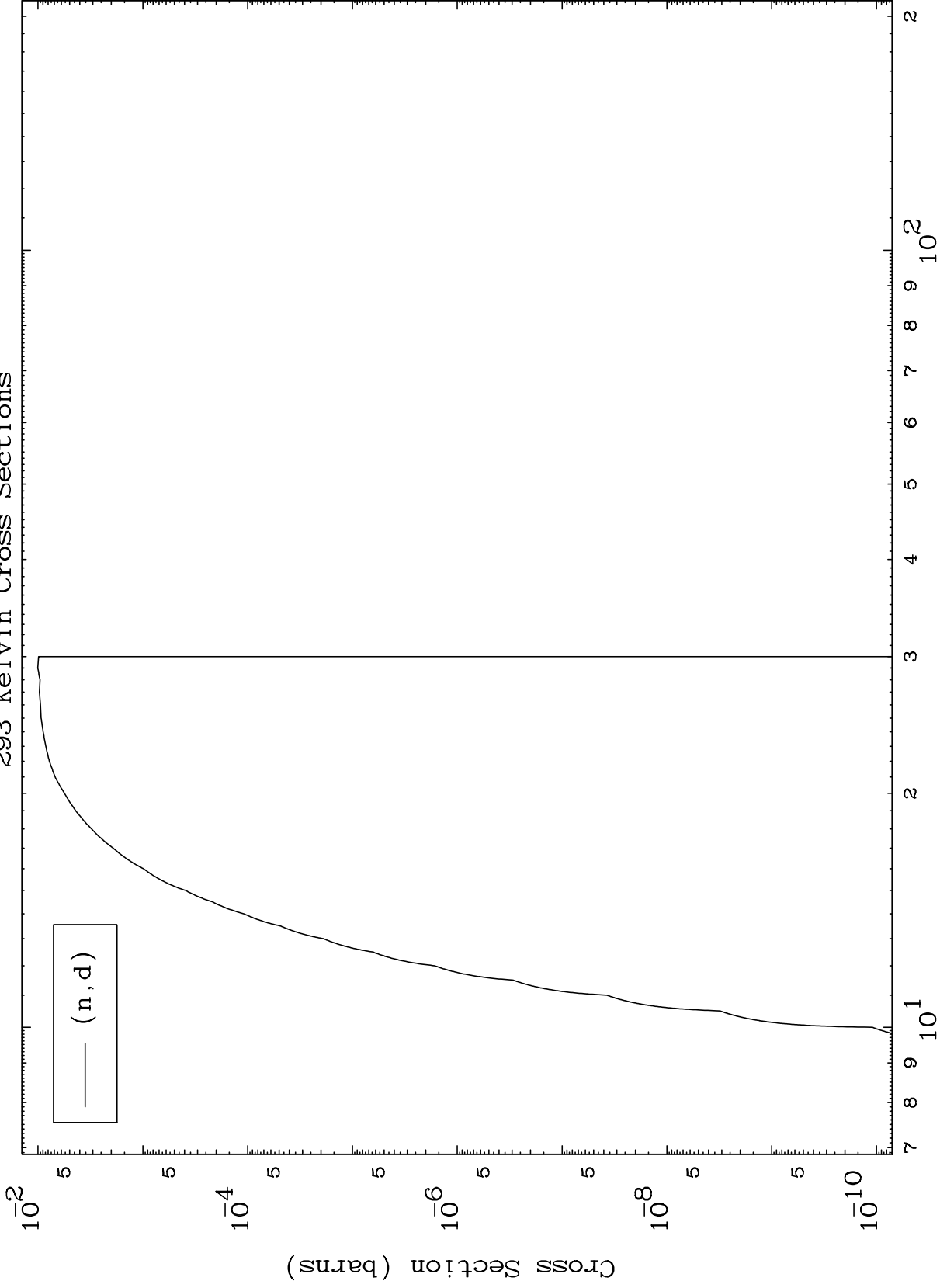
Incident Energy (MeV)

47-Ag-116

MAT 4753

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-116



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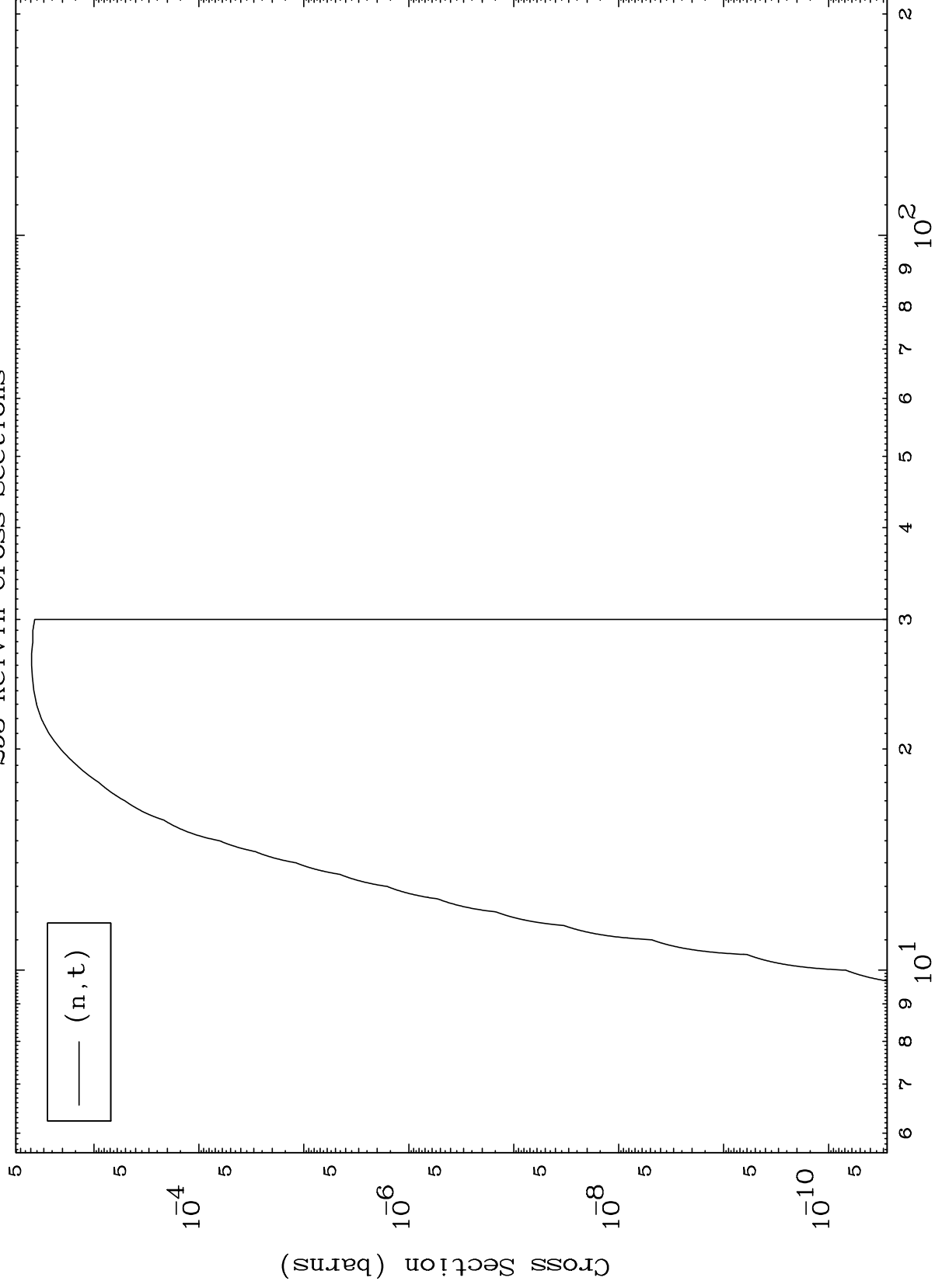
Incident Energy (MeV)

47-Ag-116

MAT 4753

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-116



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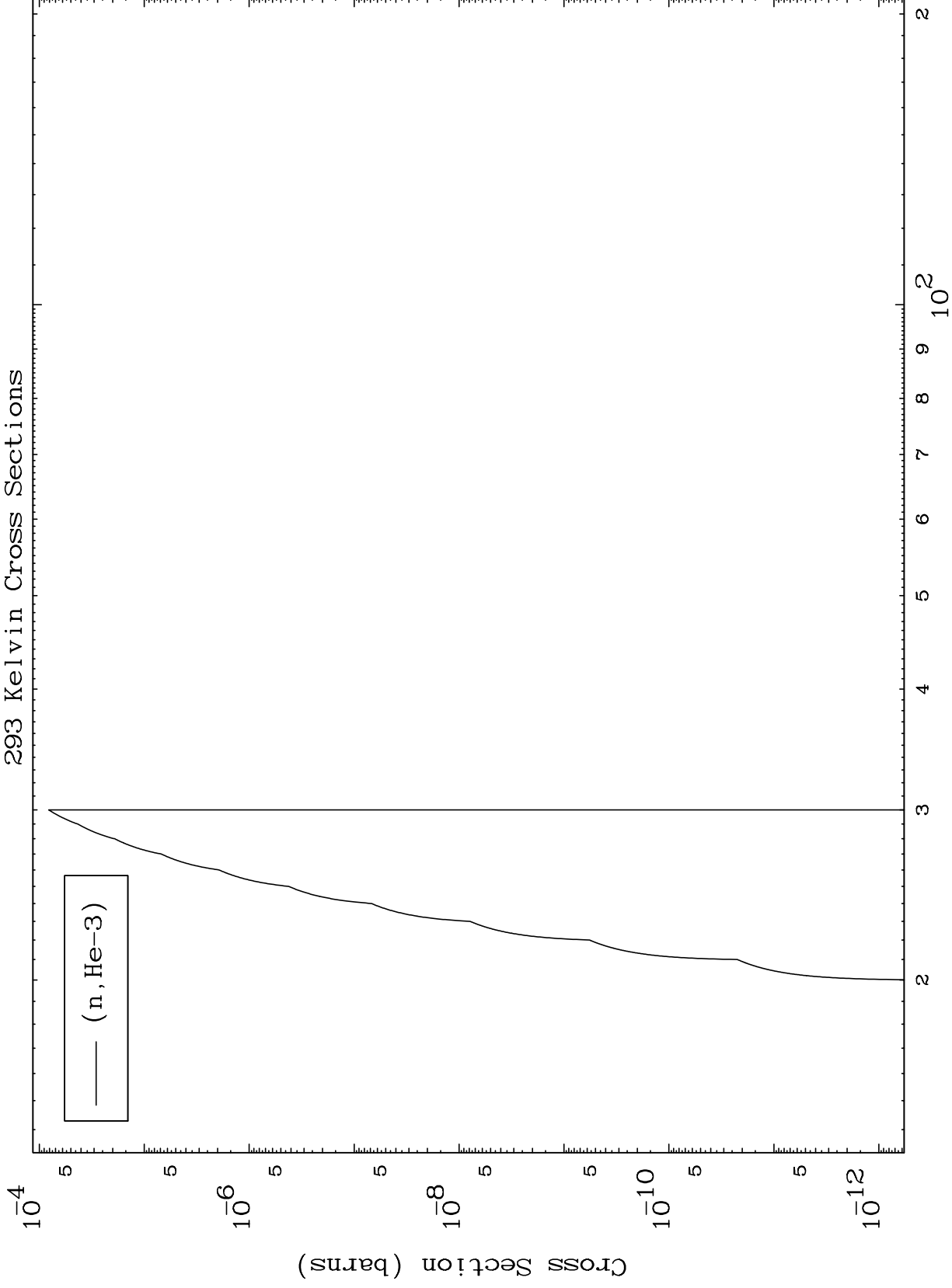
Incident Energy (MeV)

47-Ag-116

MAT 4753

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-116



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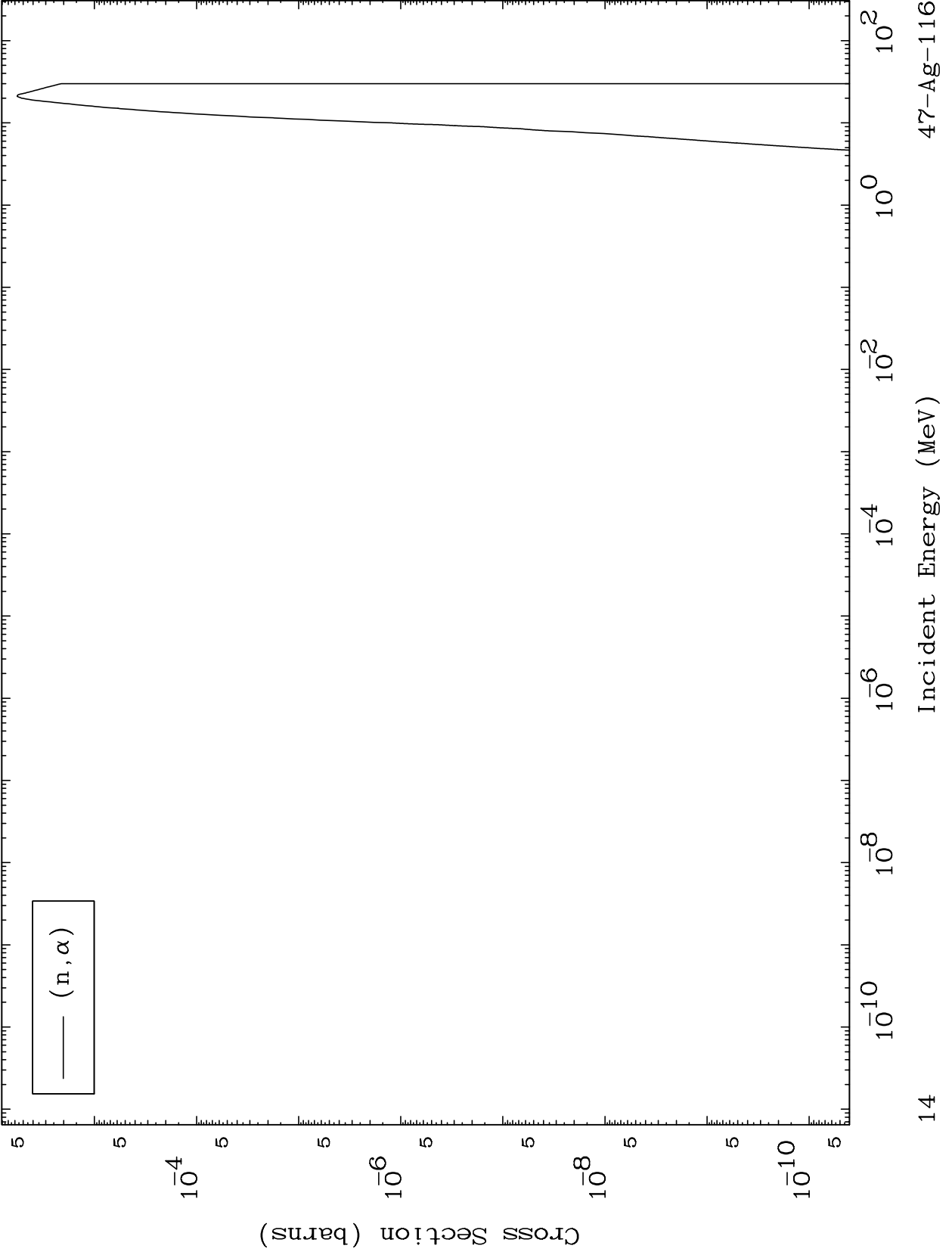
Incident Energy (MeV)

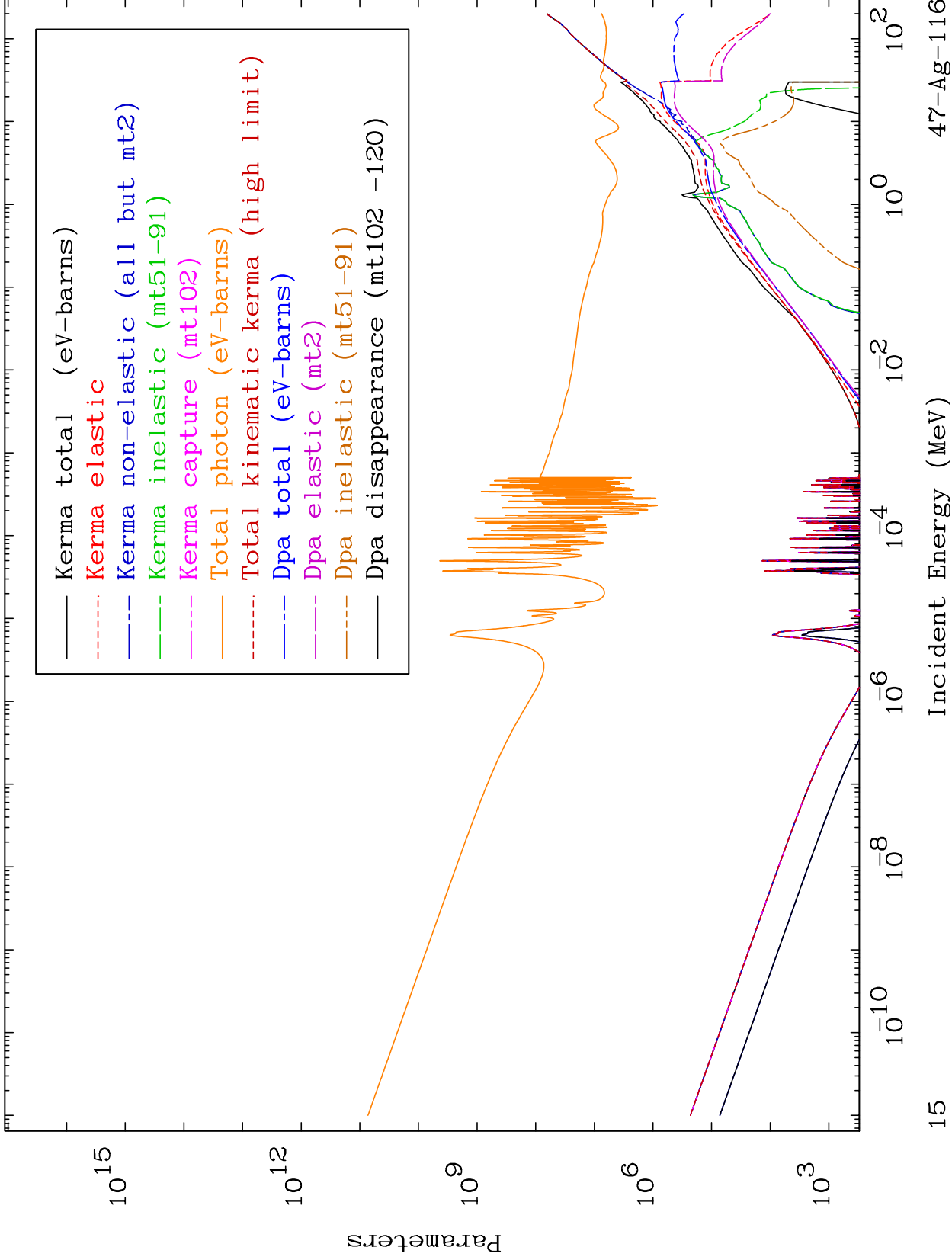
47-Ag-116

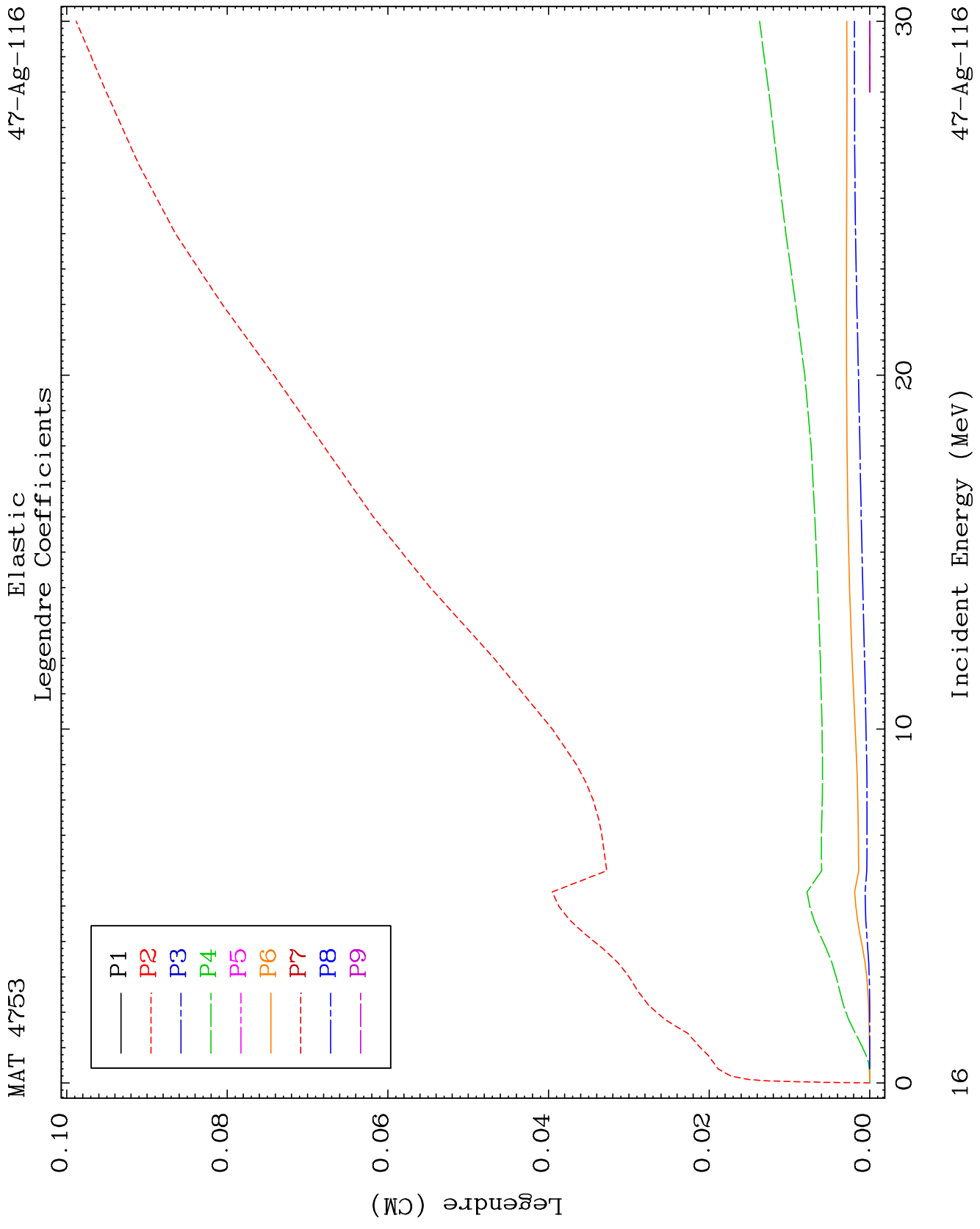
MAT 4753

(n, α) Levels
293 Kelvin Cross Sections

47-Ag-116



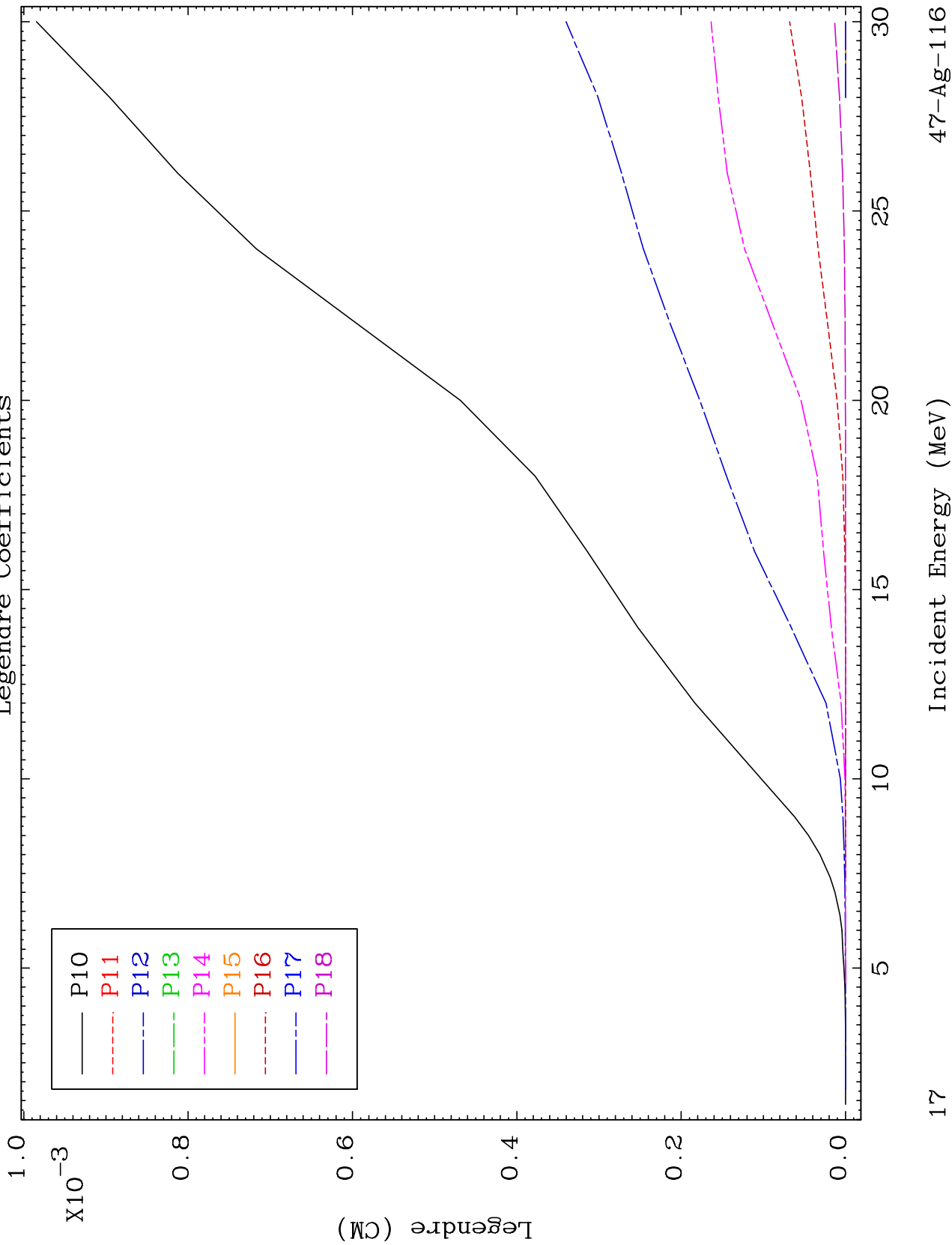




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Elastic Legendre Coefficients

47-Ag-116



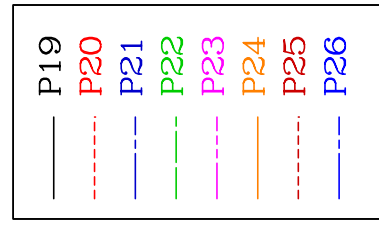
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47-Ag-116

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Elastic
Legendre Coefficients

47-Ag-116



$\times 10^{-7}$

Legendre (CM)

6
4
2
0

15

20

25

30

18

Incident Energy (MeV)

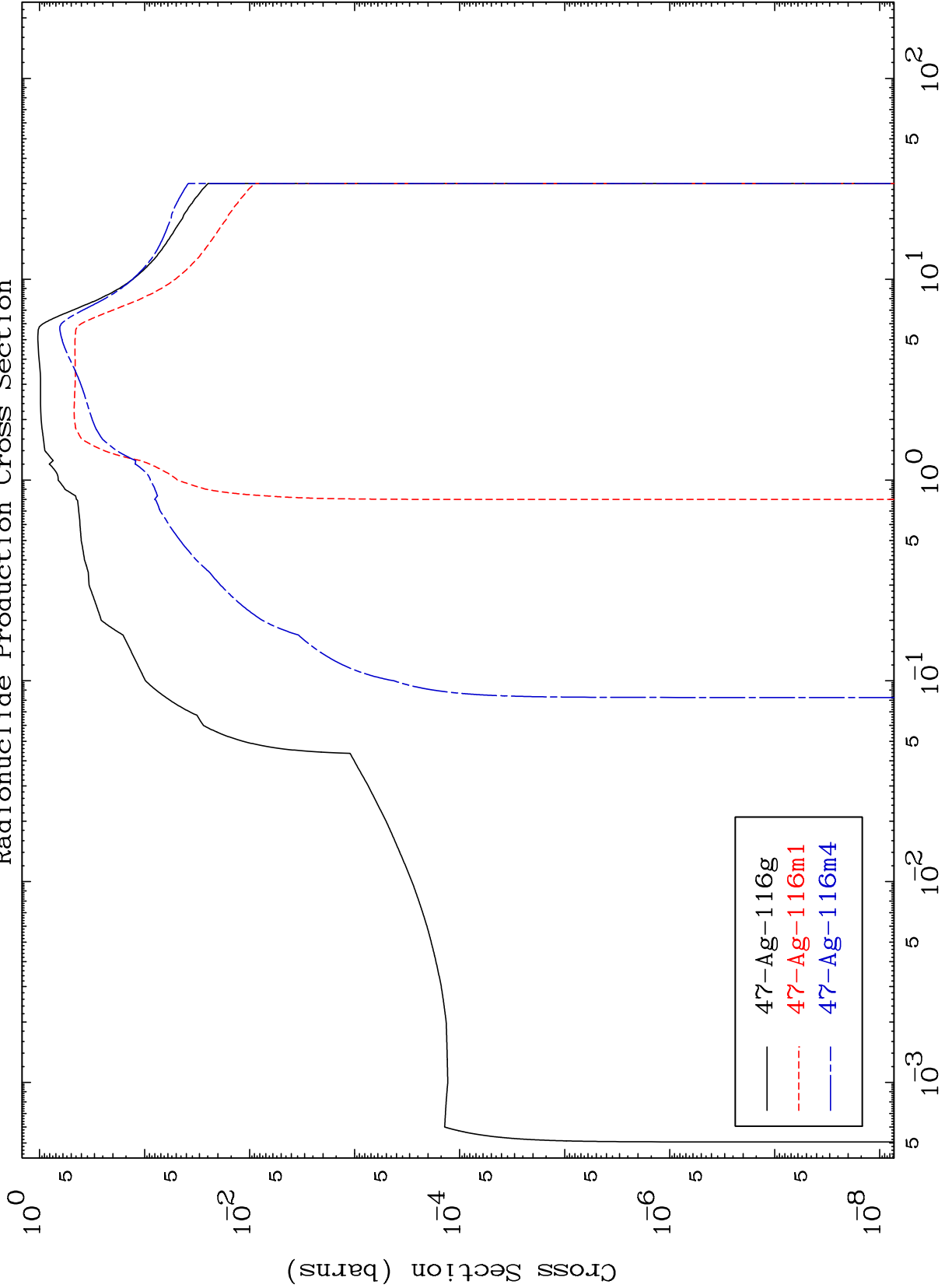
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MAT 4753

47-Ag-116

Inelastic
Radionuclide Production Cross Section



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Incident Energy (MeV)

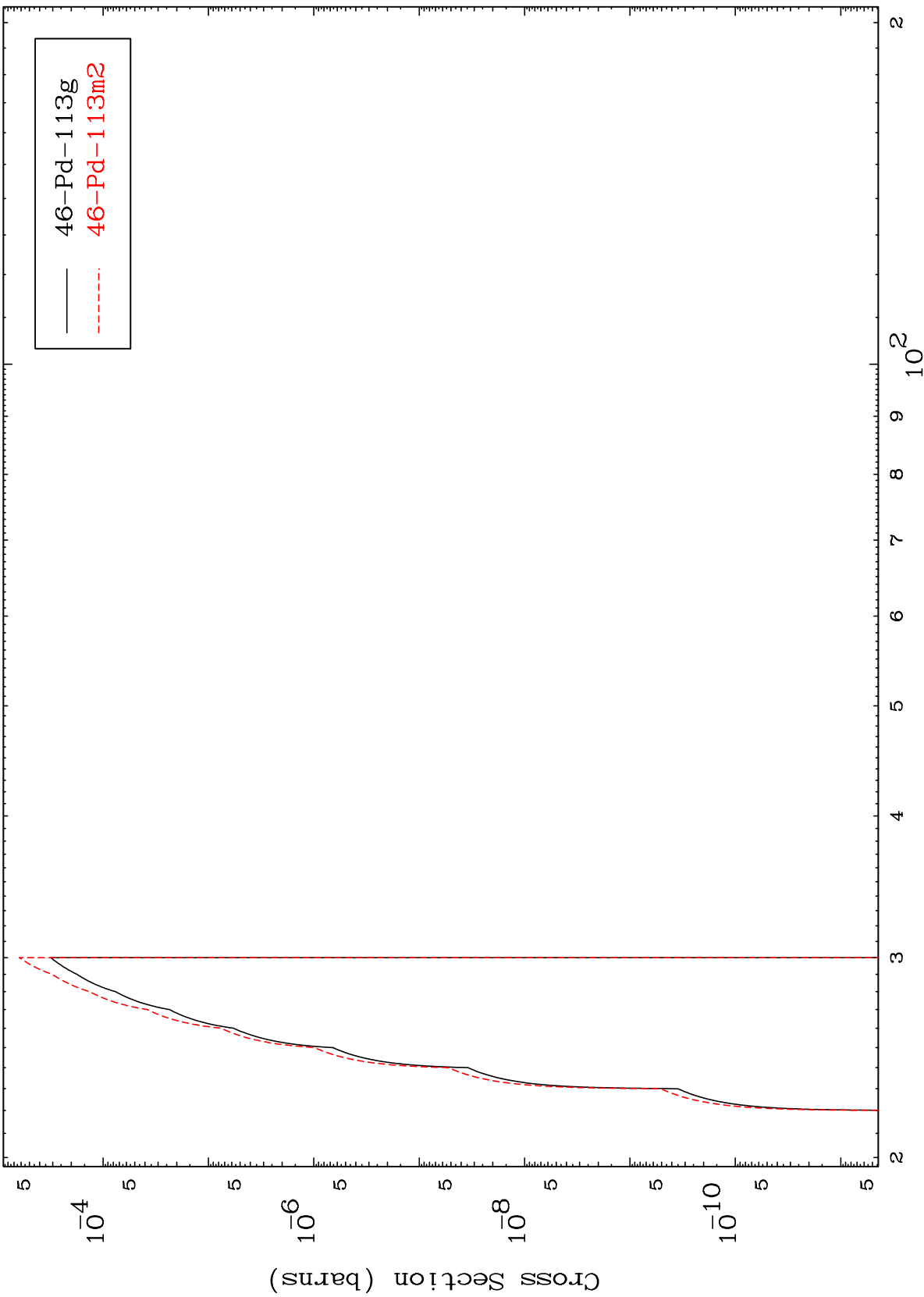
47-Ag-116

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(n,2n) d

47-Ag-116

Radionuclide Production Cross Section



20

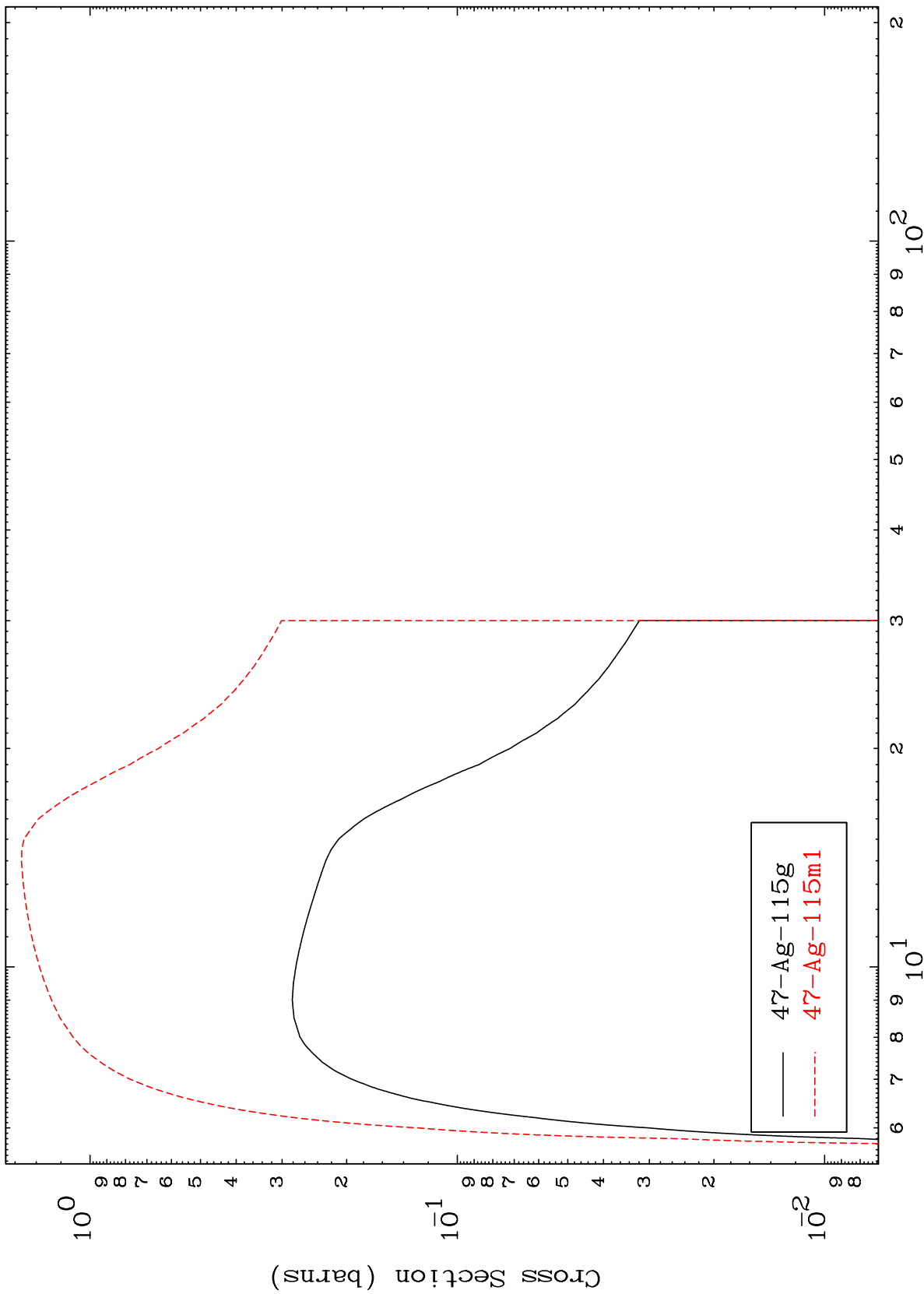
Incident Energy (MeV)

47-Ag-116

MAT 4753

47-Ag-116

(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

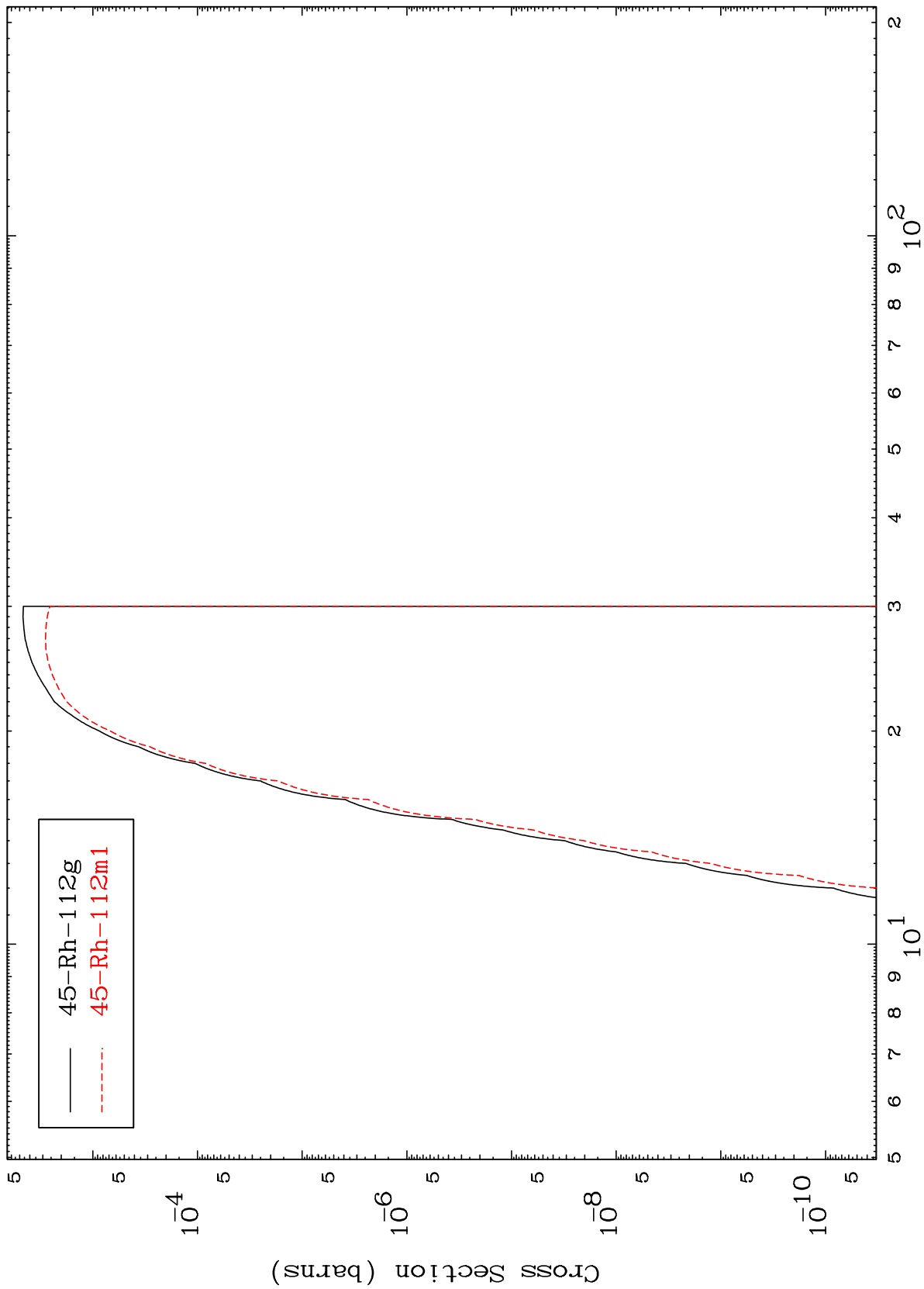
47-Ag-116

MAT 4753

47-Ag-116

(n,n') α

Radionuclide Production Cross Section

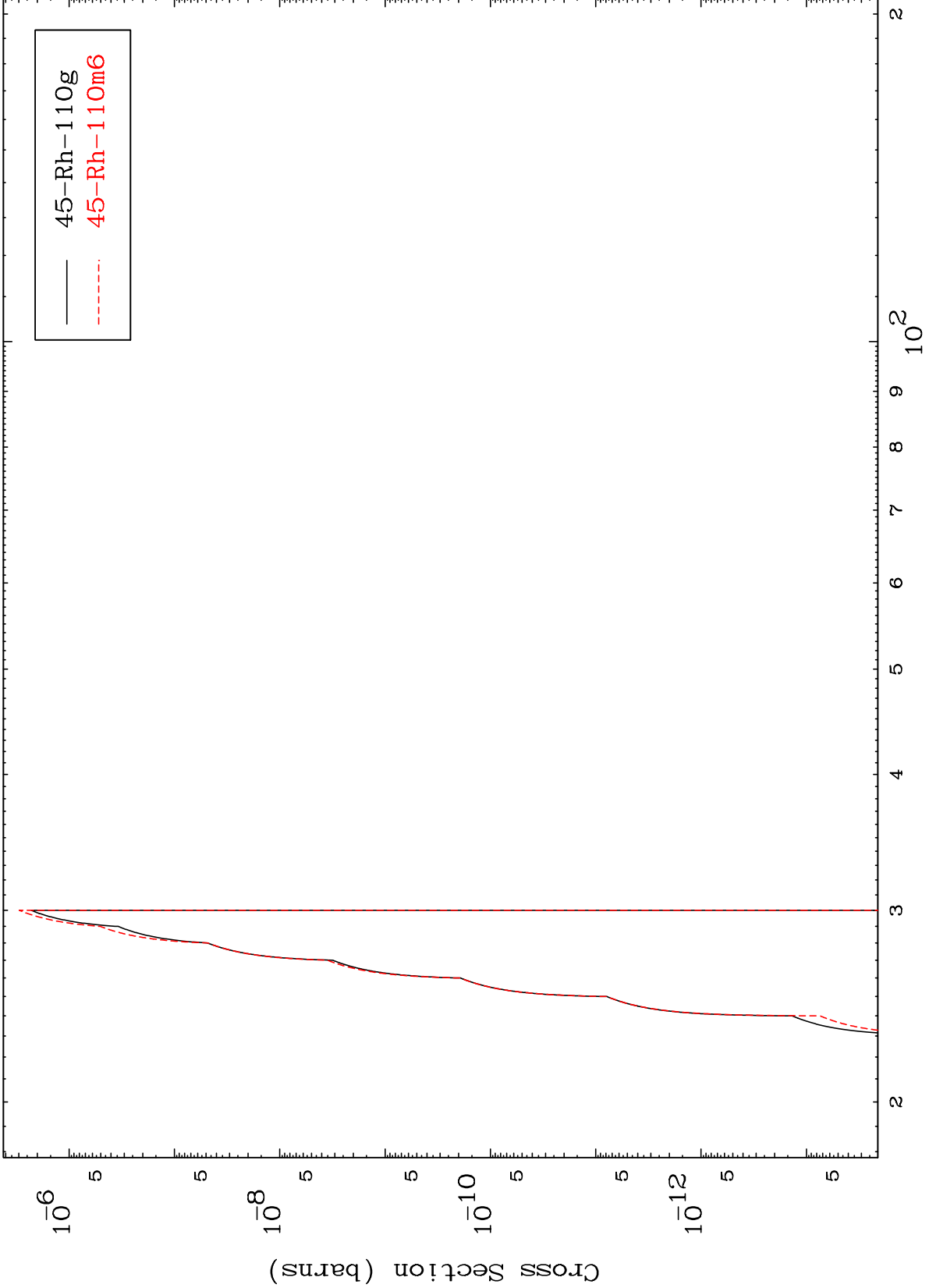


Incident Energy (MeV)

47-Ag-116

22

Radionuclide Production Cross Section

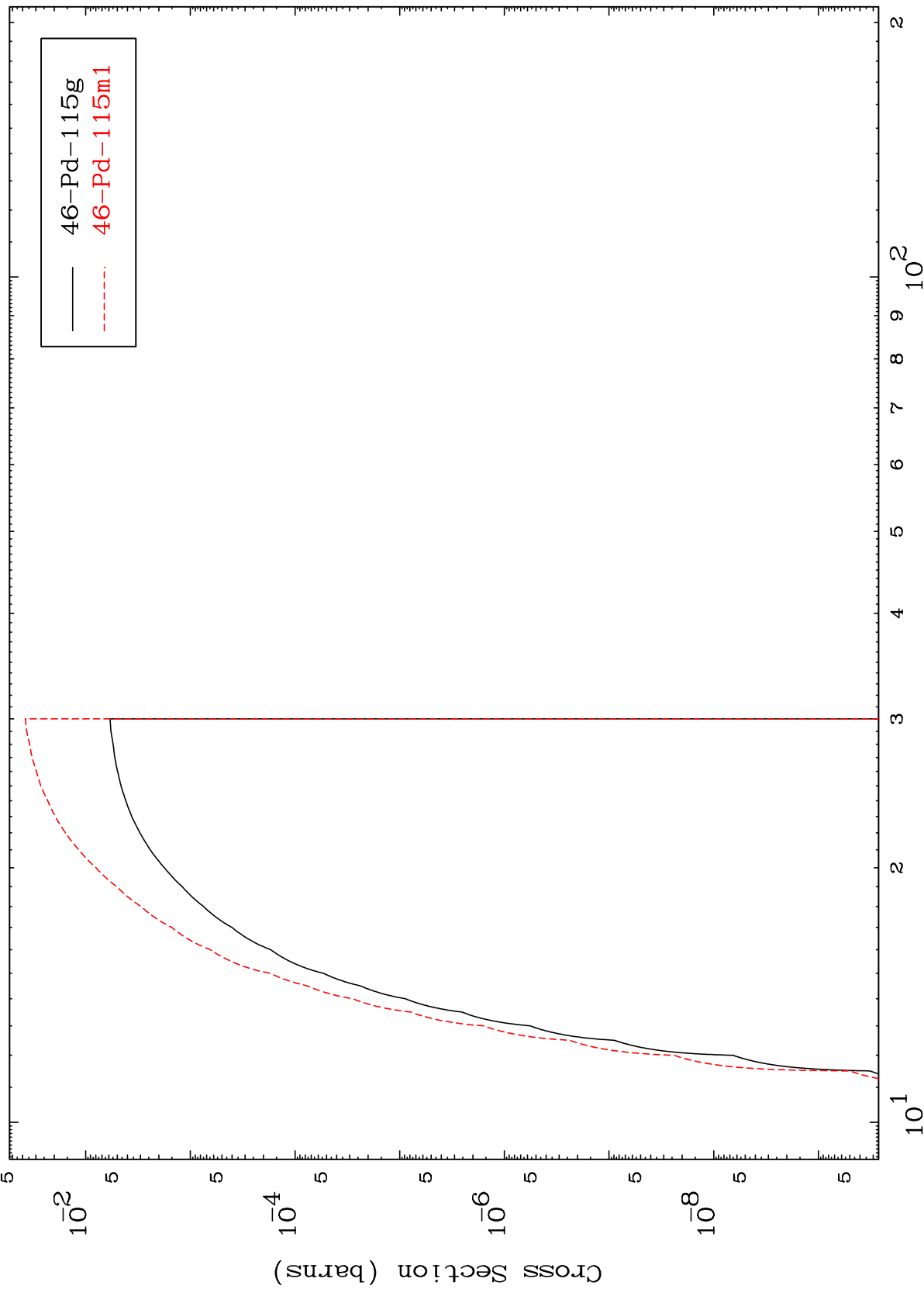


MAT 4753

(n,n') p

47-Ag-116

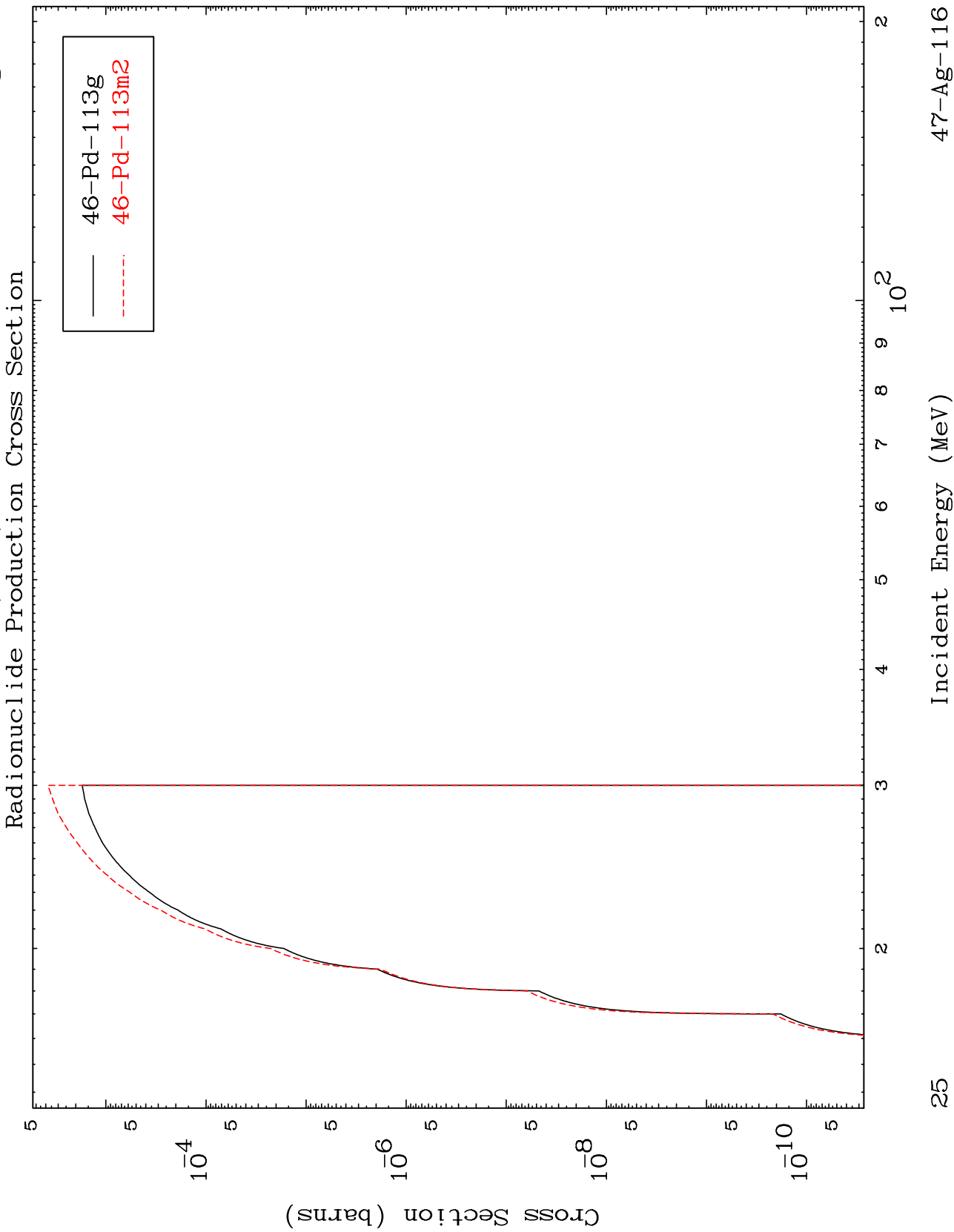
Radionuclide Production Cross Section



Incident Energy (MeV)

47-Ag-116

24

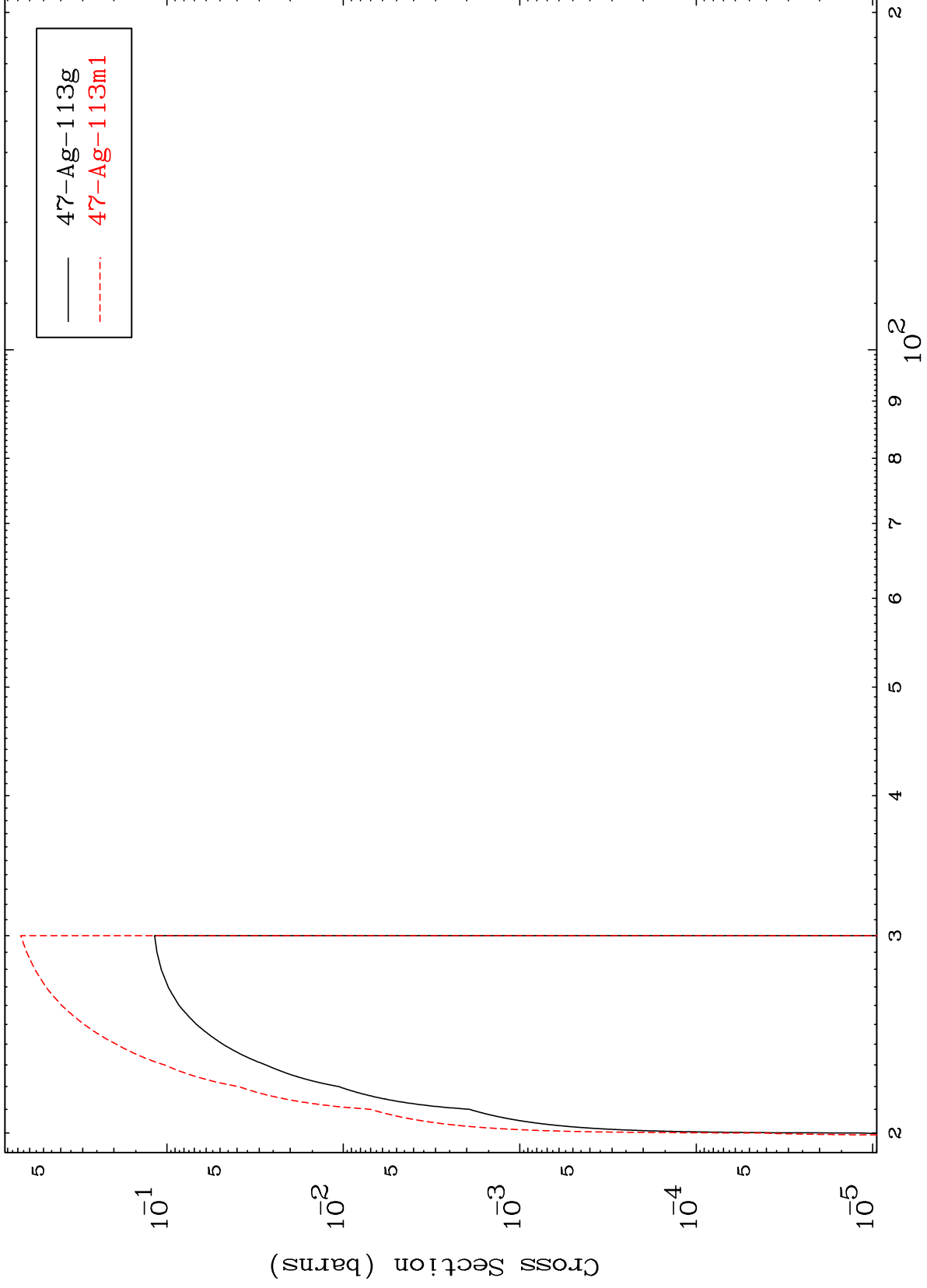


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(n,4n)

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Radionuclide Production Cross Section

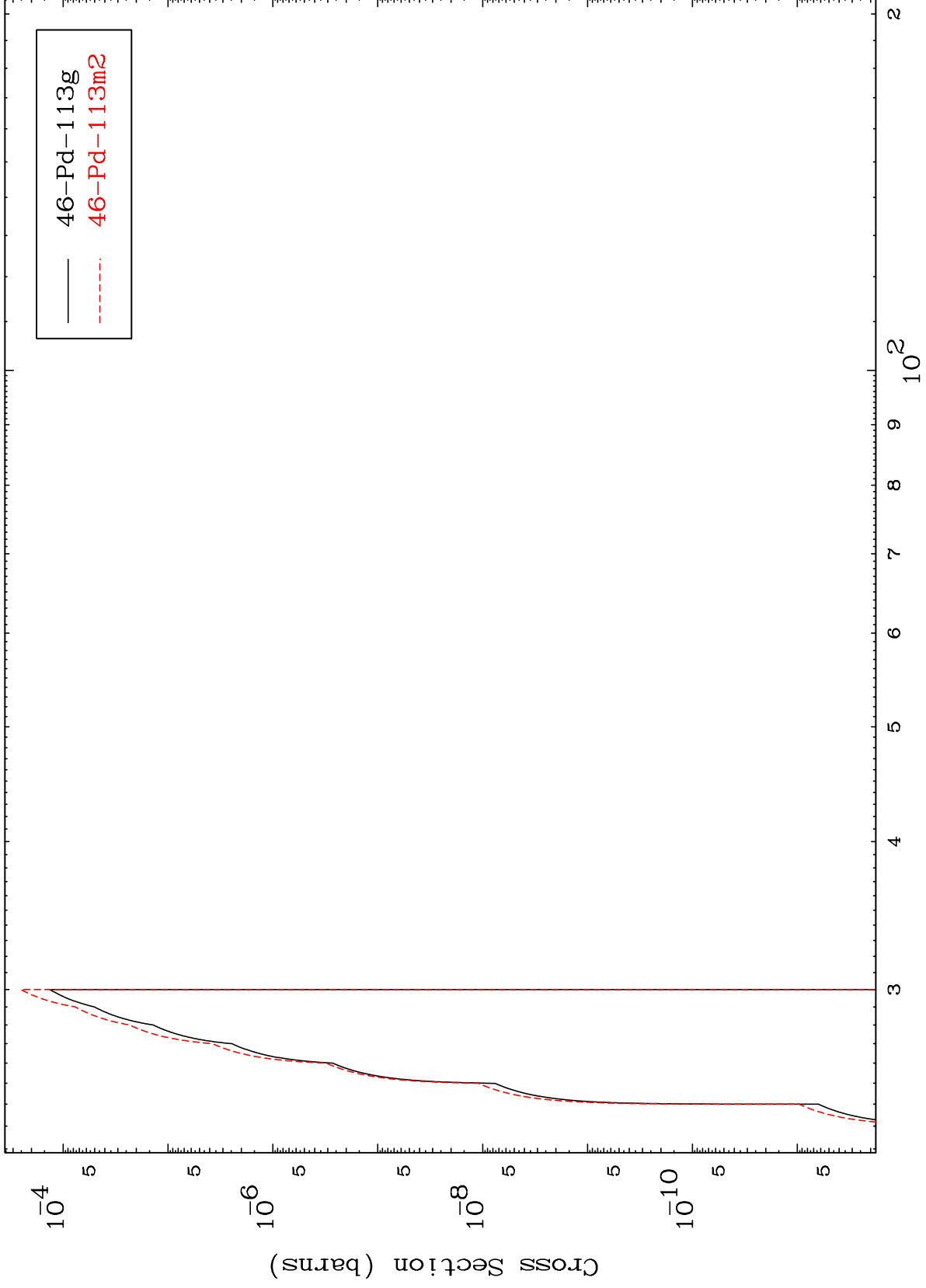


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Incident Energy (MeV)

47-Ag-116

Radionuclide Production Cross Section

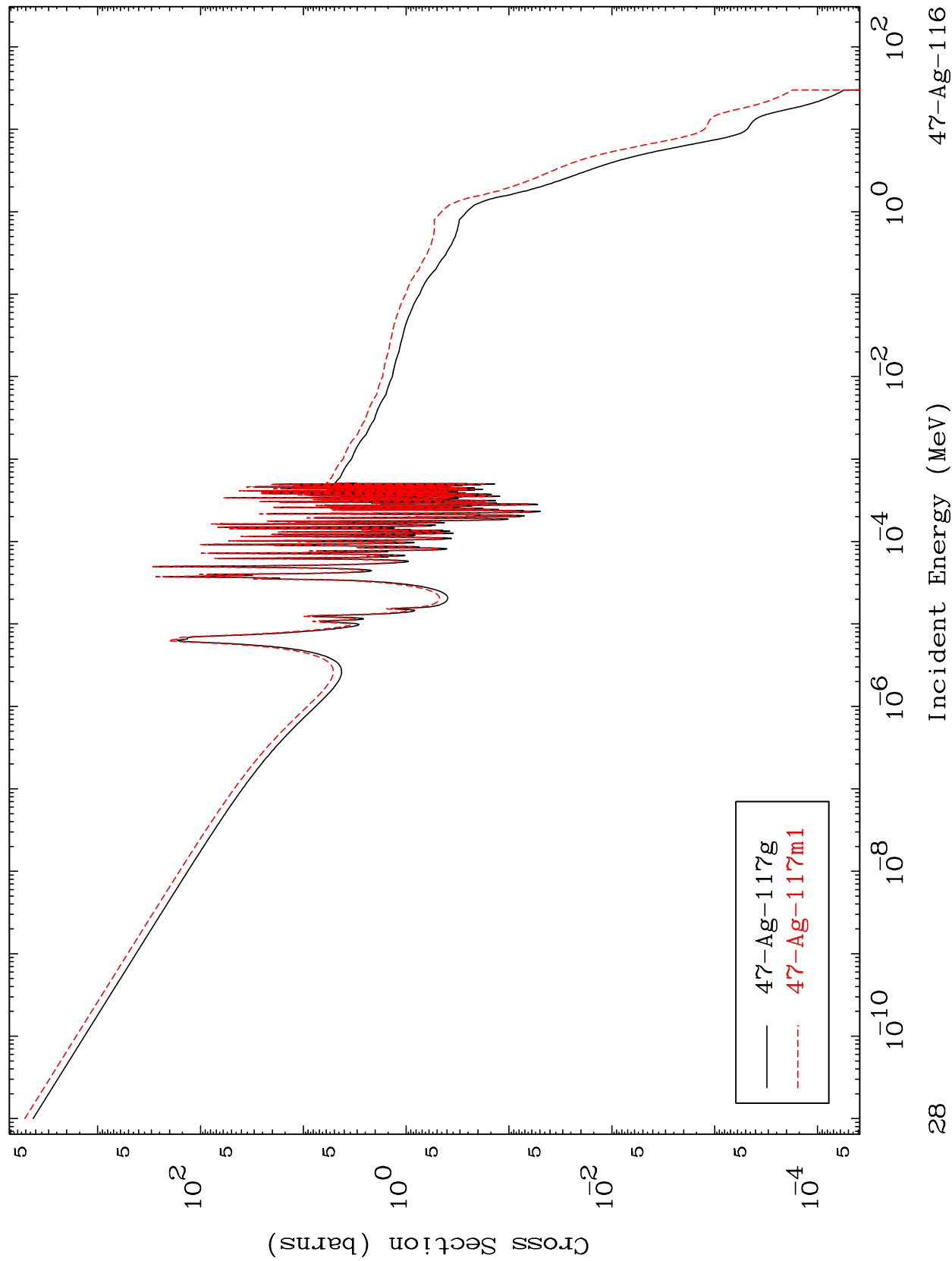


46-Pd-113g
46-Pd-113m2

MAT 4753

47-Ag-116

(n, γ)
Radionuclide Production Cross Section



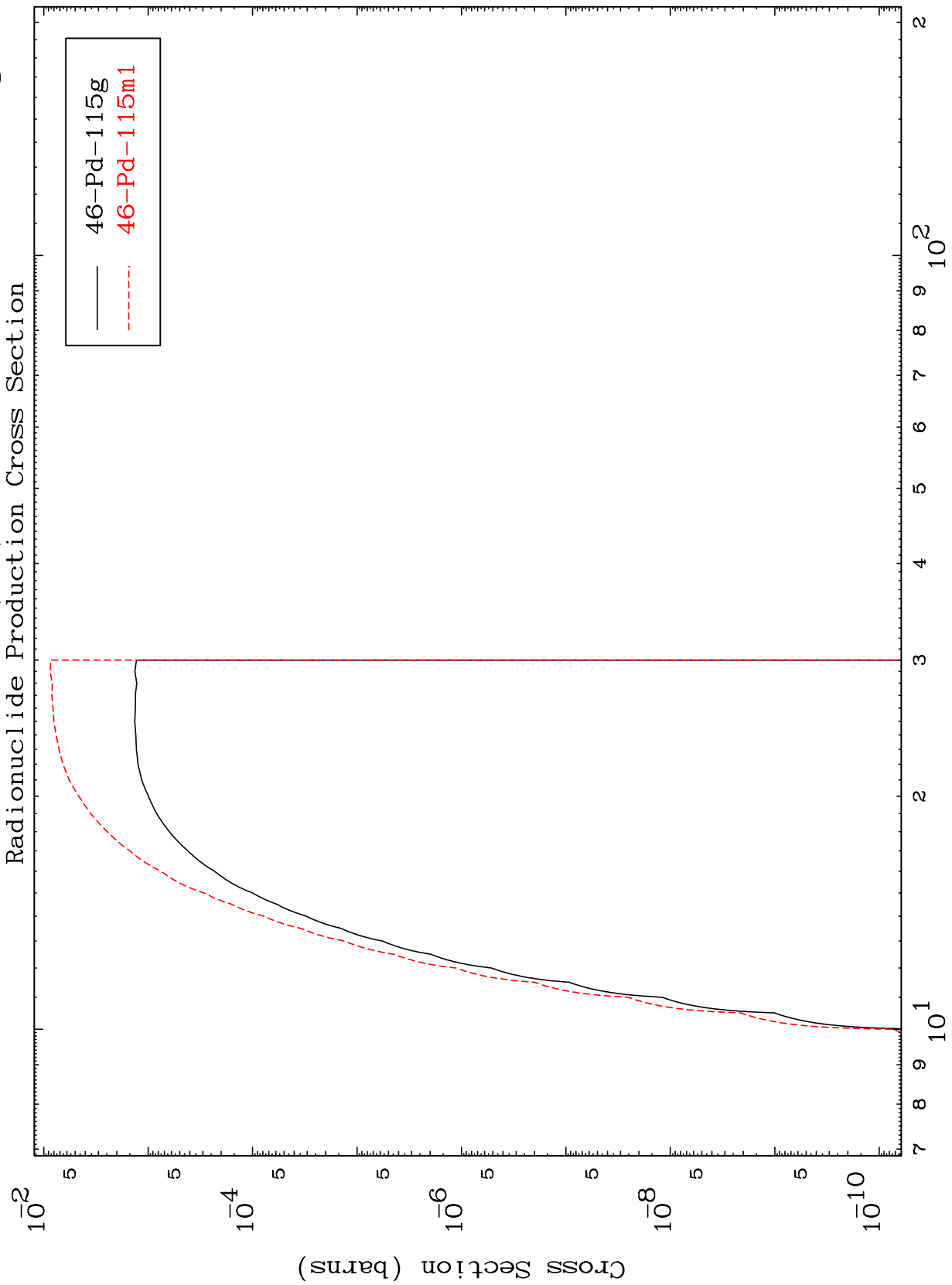
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47-Ag-116

MAT 4753

47-Ag-116

(n,d)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

47-Ag-116

