

Program EVALPLOT
(Version 2015-2)

by

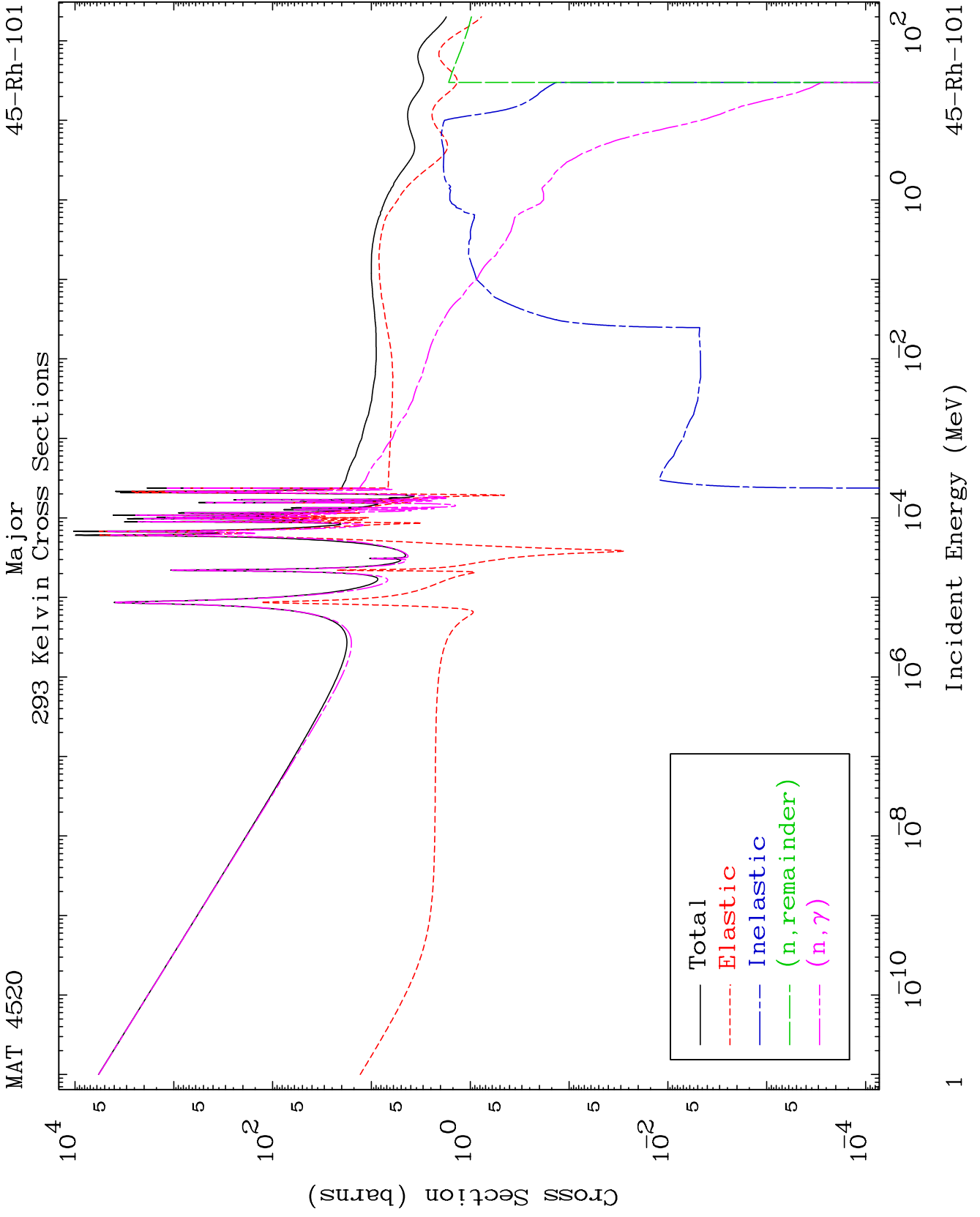
Dermott E. Cullen
(Present Contact Information)

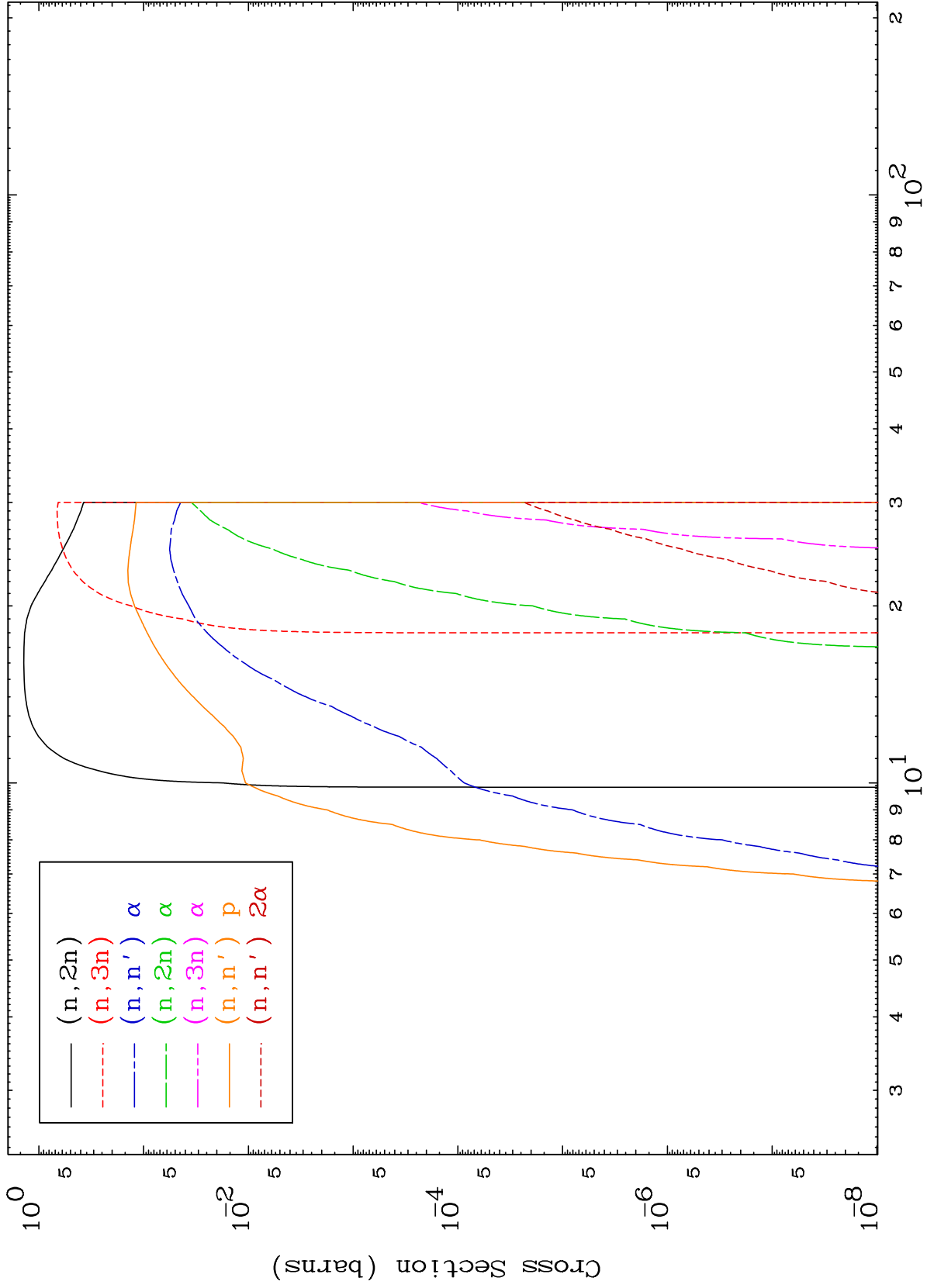
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

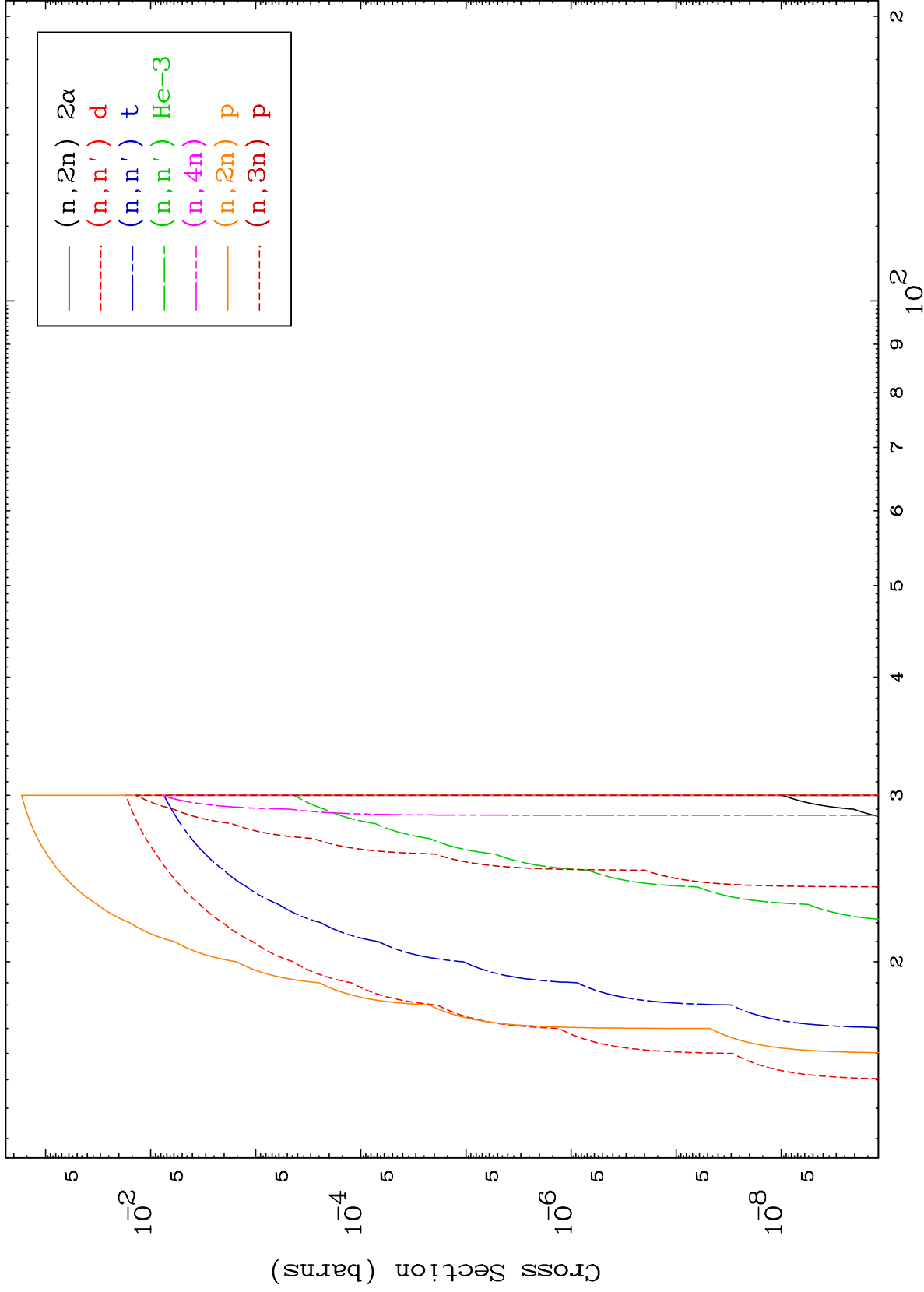
Tele: 925-443-1911

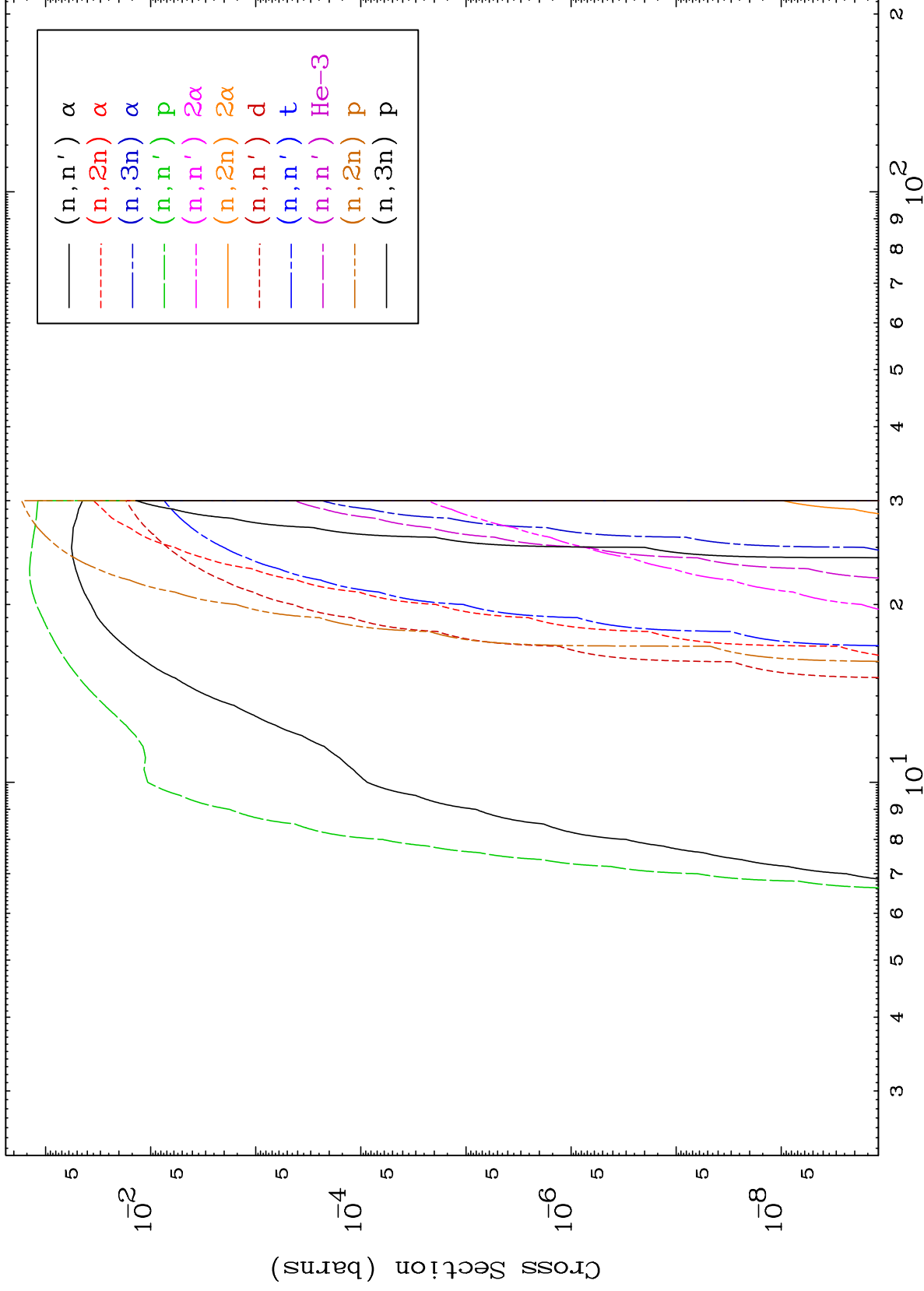
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start





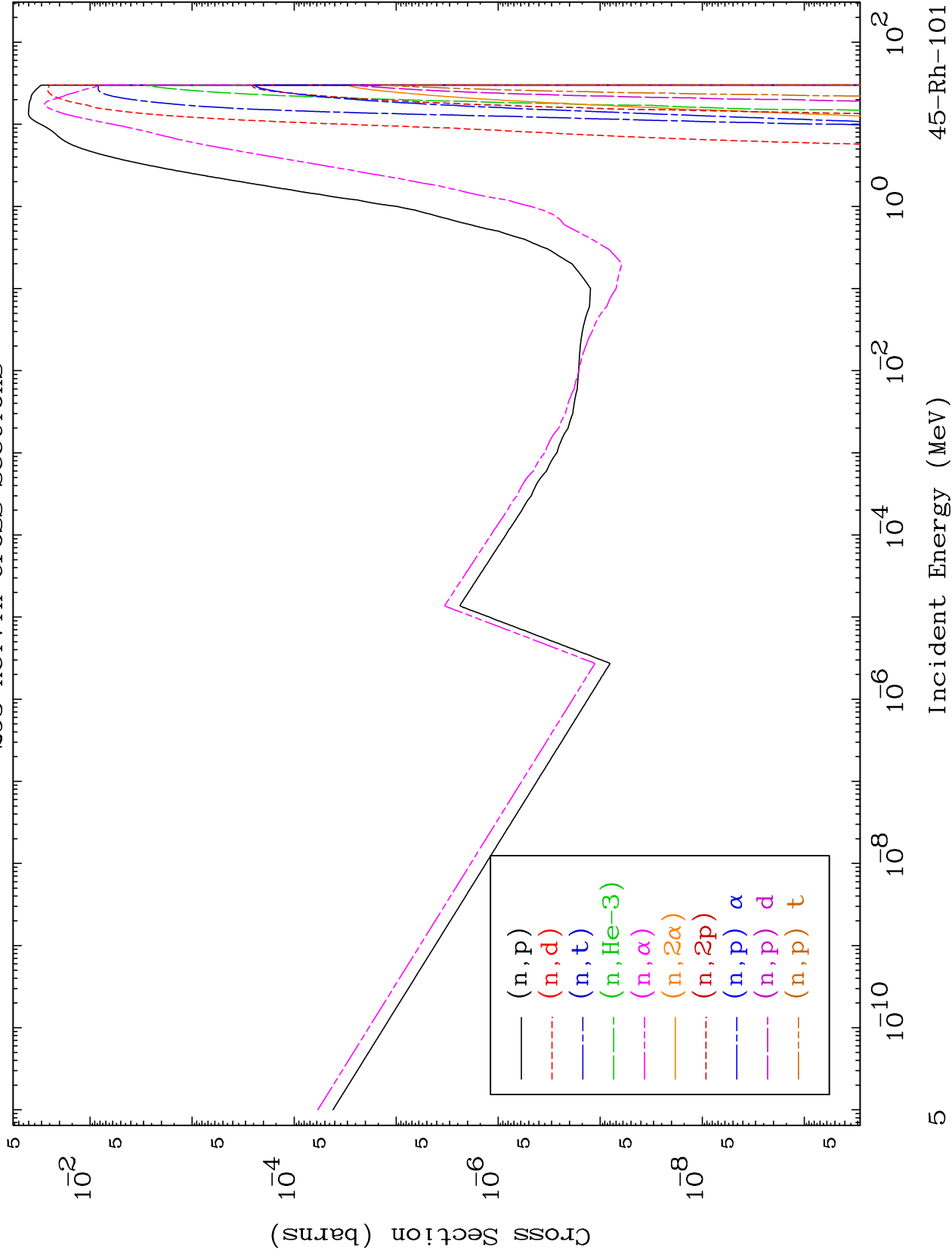


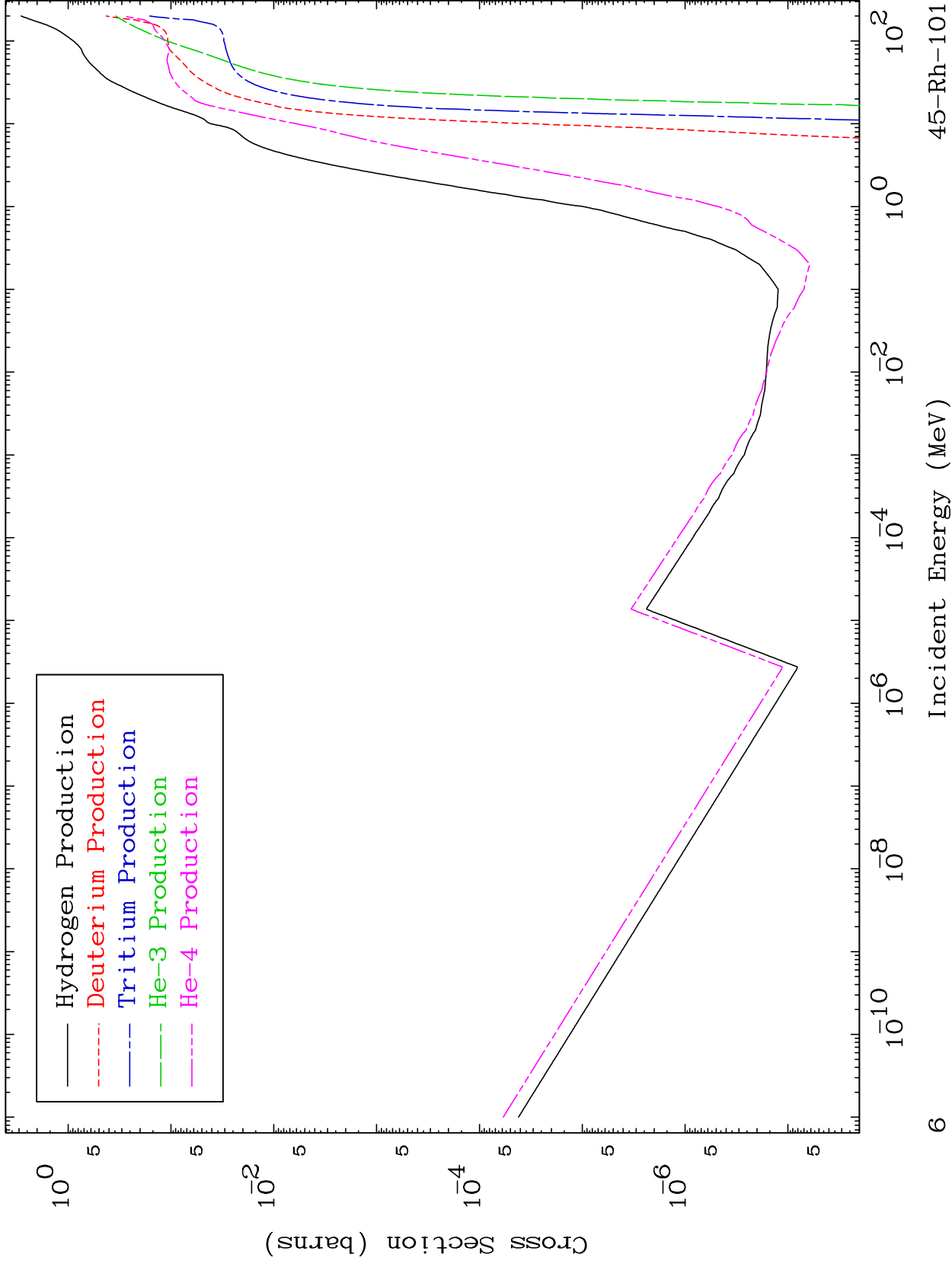


MAT 4520

Charged Particle
293 Kelvin Cross Sections

45-Rh-101

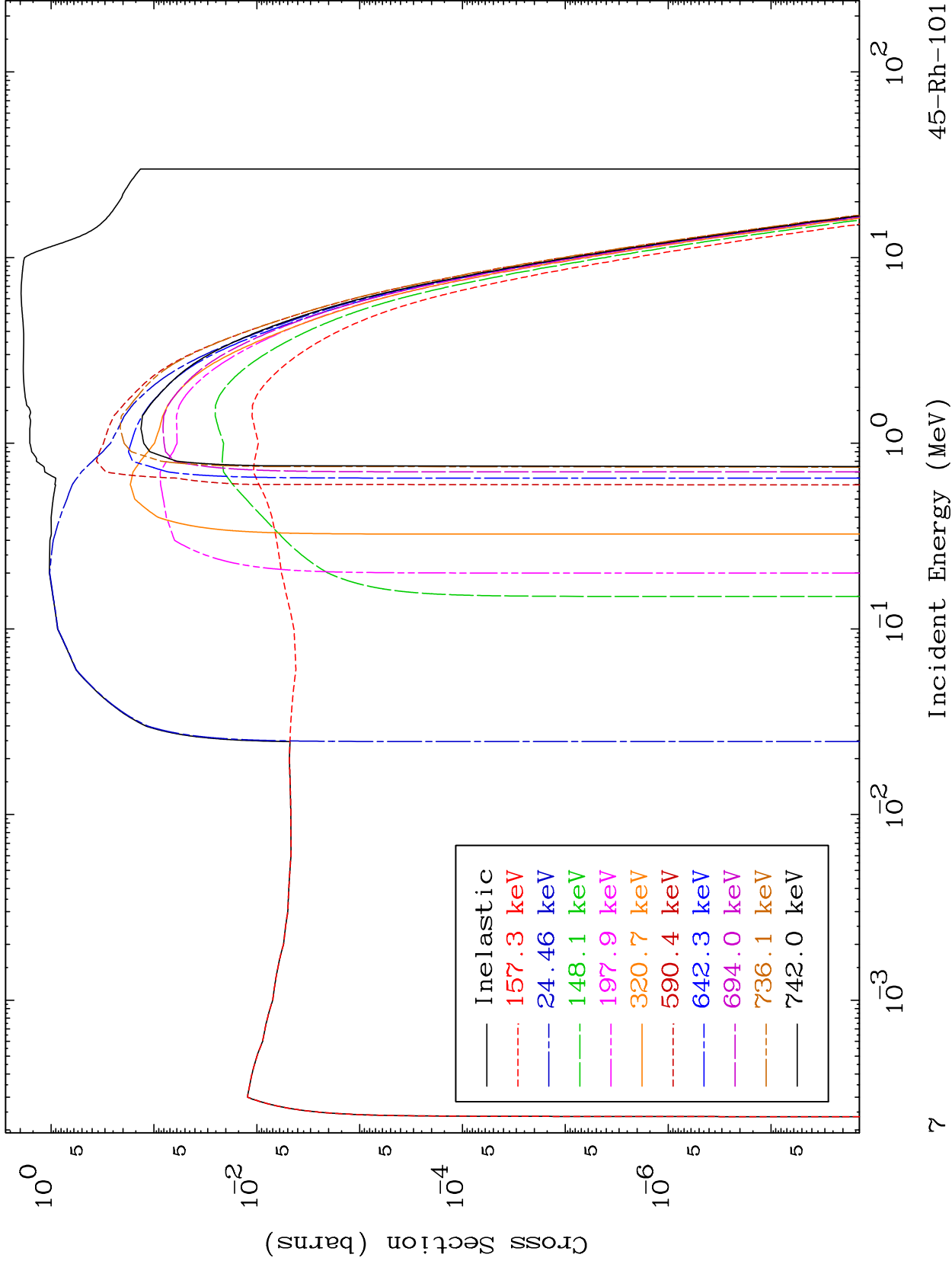




MAT 4520

(n,n') Level
293 Kelvin Cross Sections

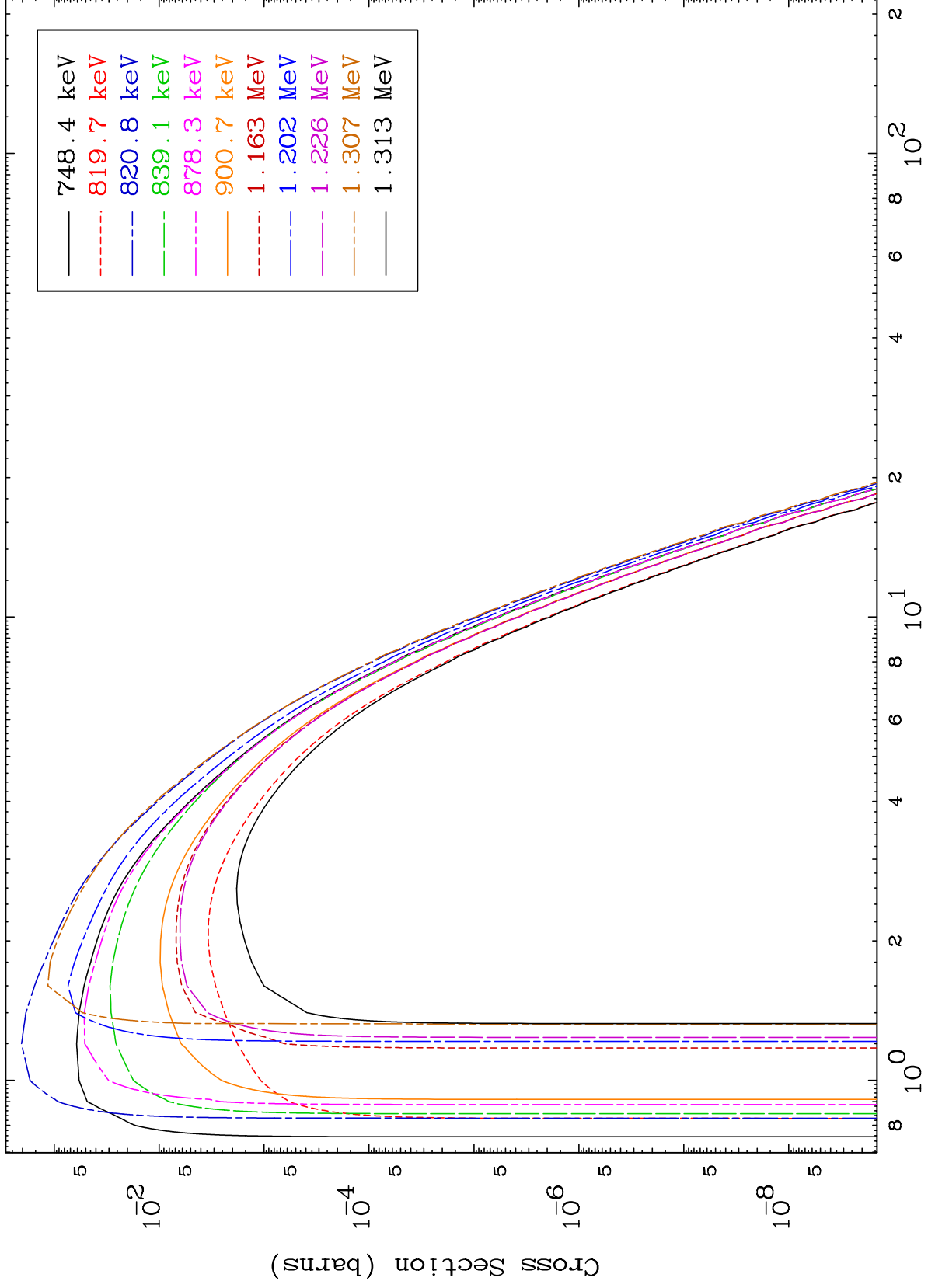
45-Rh-101



MAT 4520

(n,n') Level
293 Kelvin Cross Sections

45-Rh-101



8

Incident Energy (MeV)

10⁰

10¹

10²

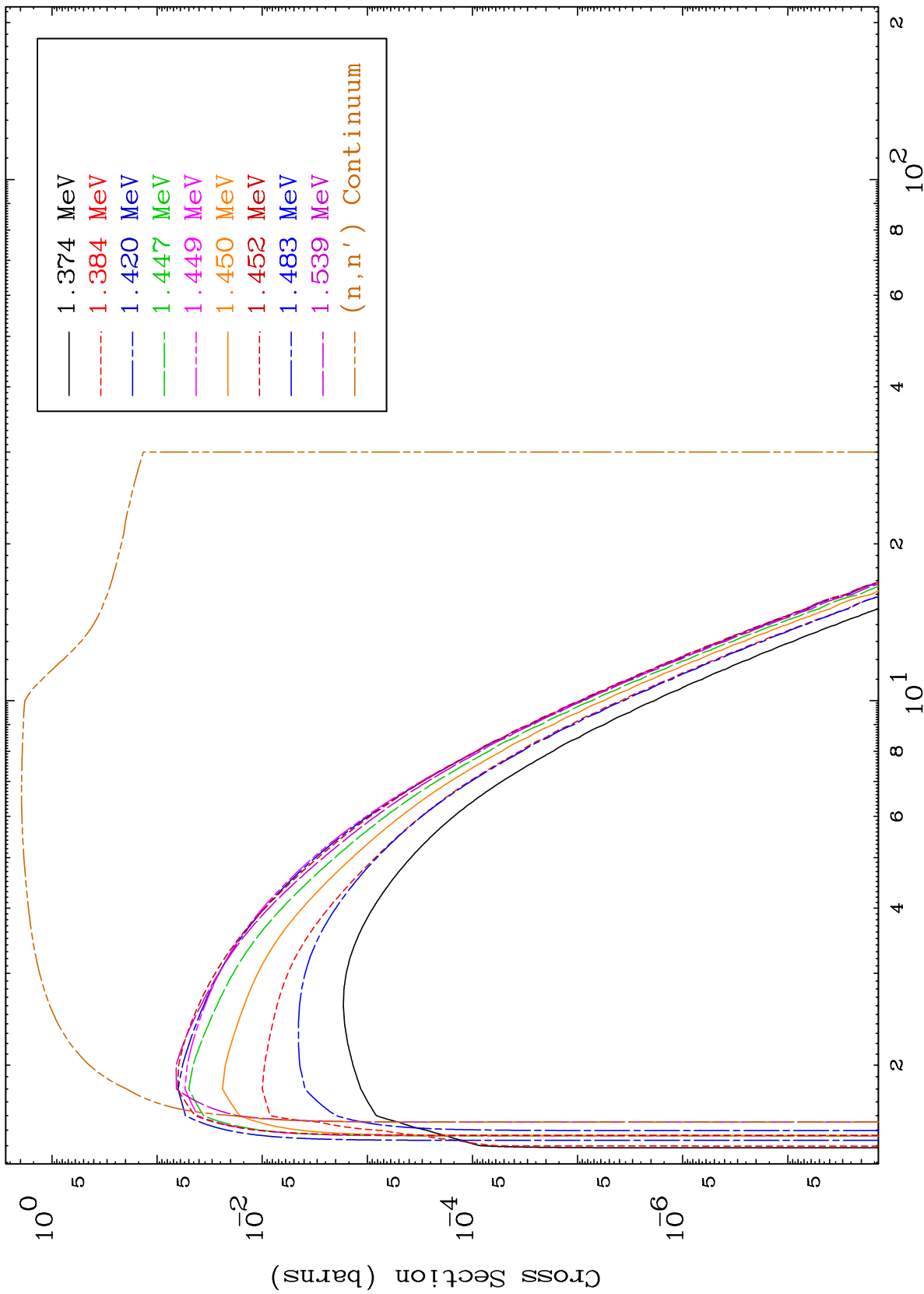
45-Rh-101

MAT 4520

(n,n') Level

45-Rh-101

293 Kelvin Cross Sections



9

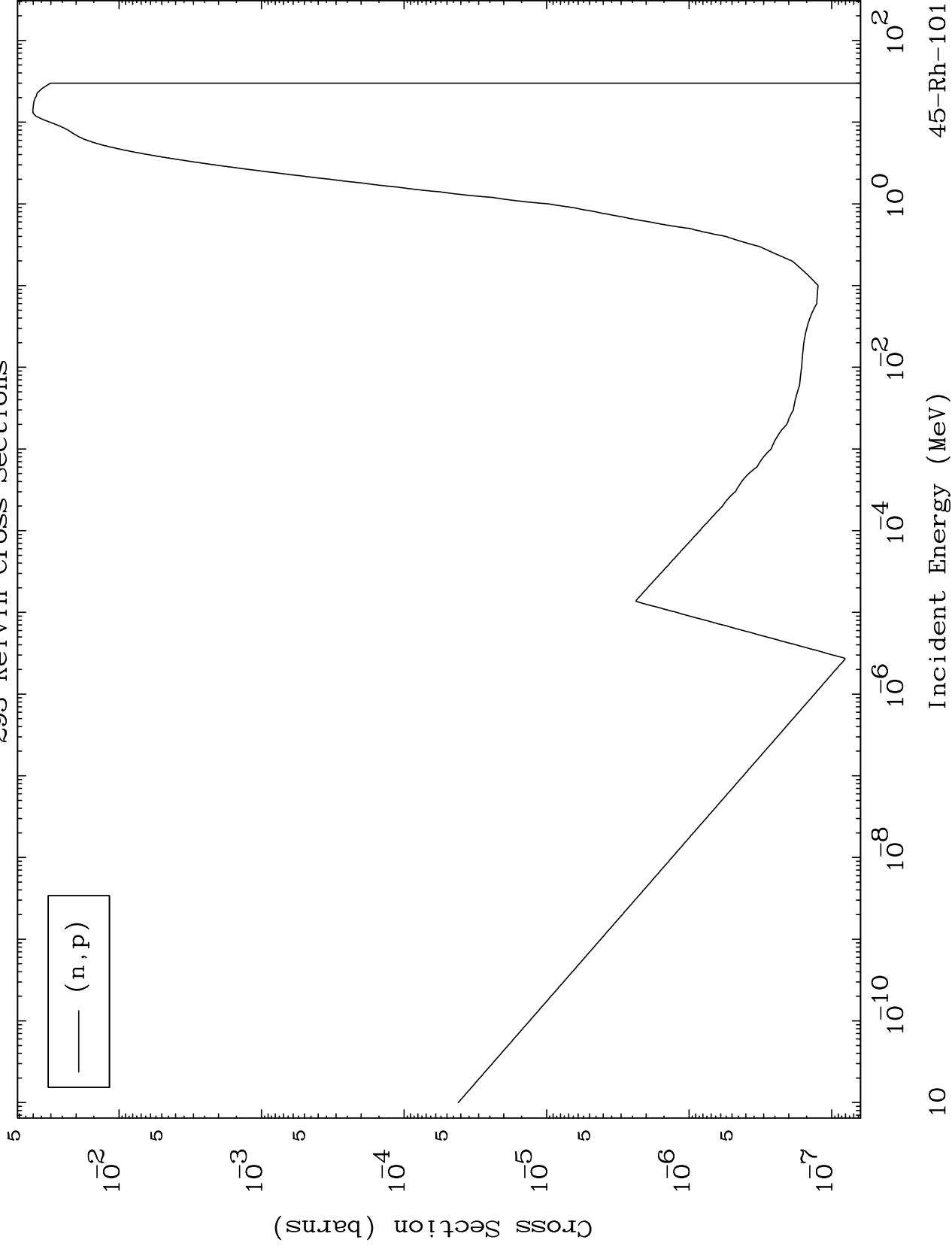
Incident Energy (MeV)

45-Rh-101

MAT 4520

(n,p) Levels
293 Kelvin Cross Sections

45-Rh-101



10

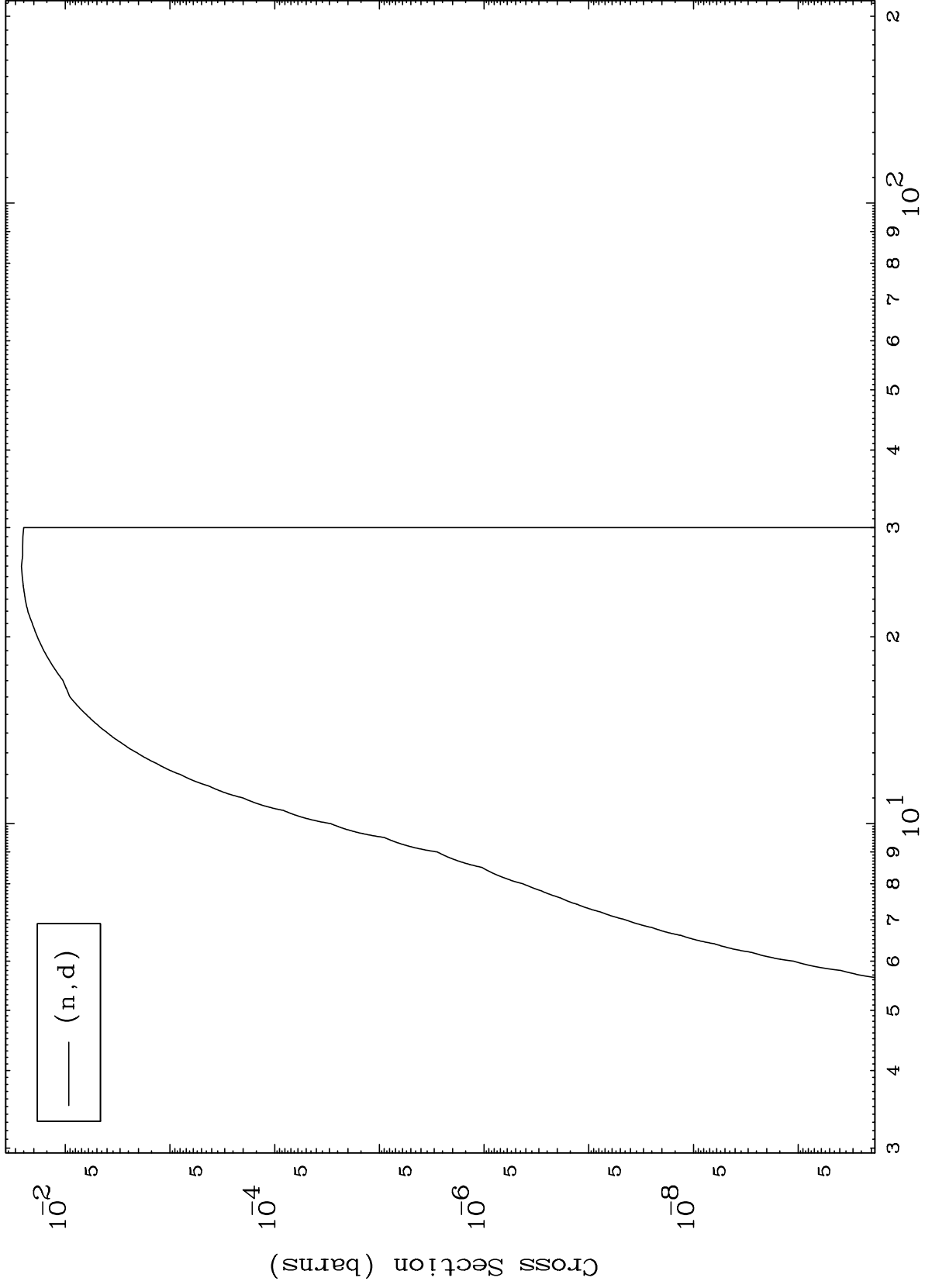
Incident Energy (MeV)

45-Rh-101

MAT 4520

(n,d) Levels
293 Kelvin Cross Sections

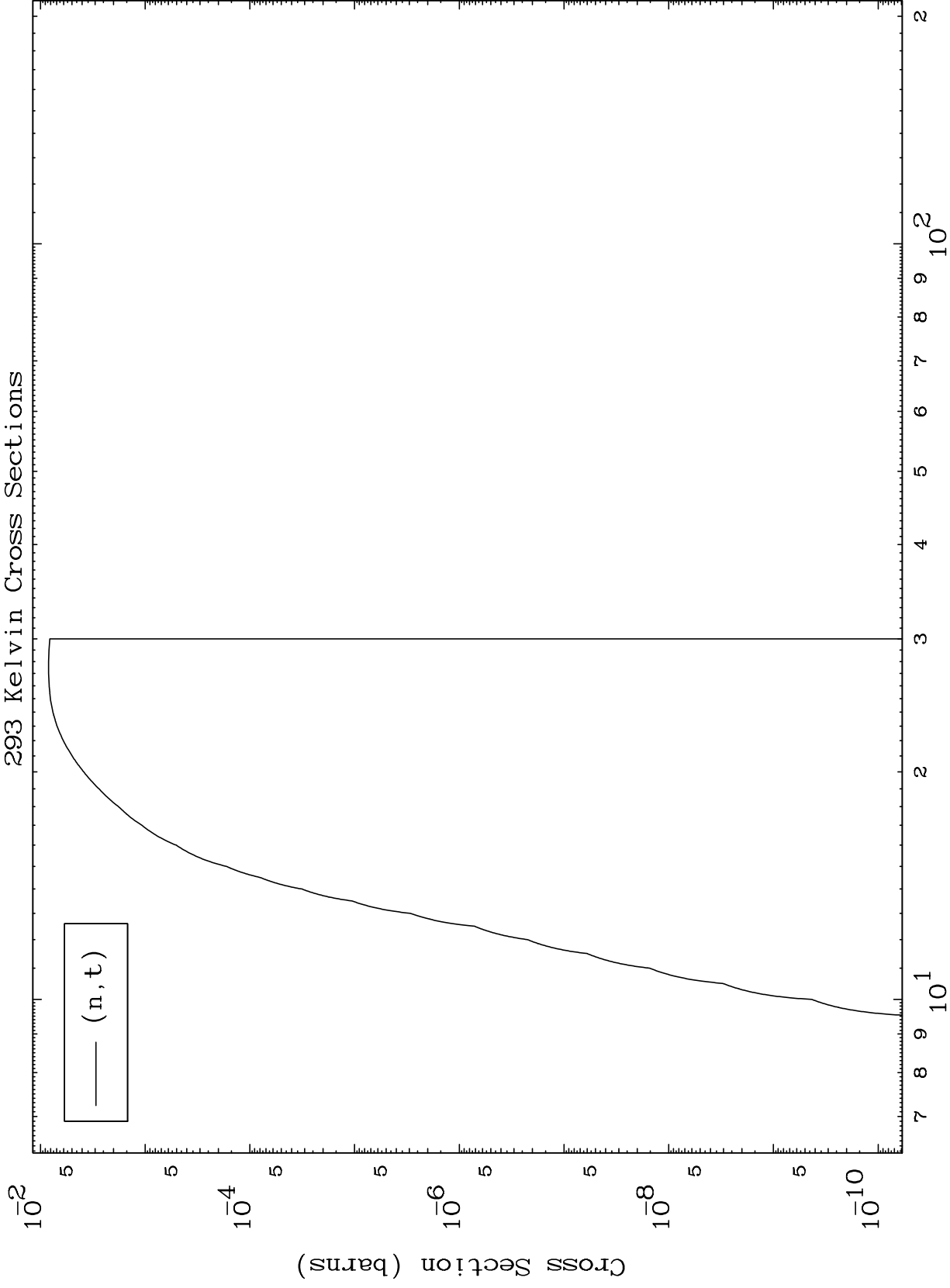
45-Rh-101



MAT 4520

(n,t) Levels
293 Kelvin Cross Sections

45-Rh-101



12

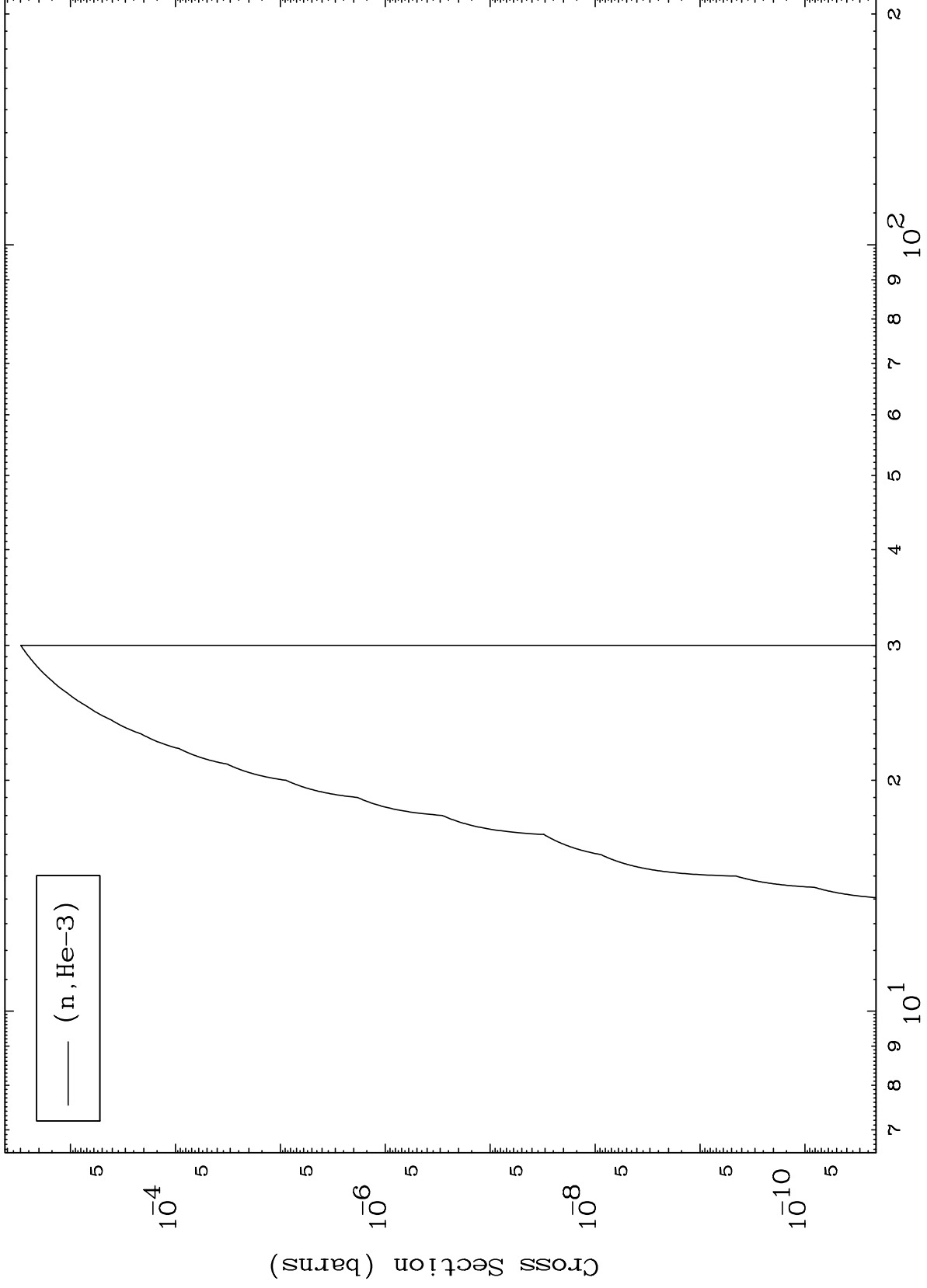
Incident Energy (MeV)

45-Rh-101

MAT 4520

(n,He3) Levels
293 Kelvin Cross Sections

45-Rh-101



13

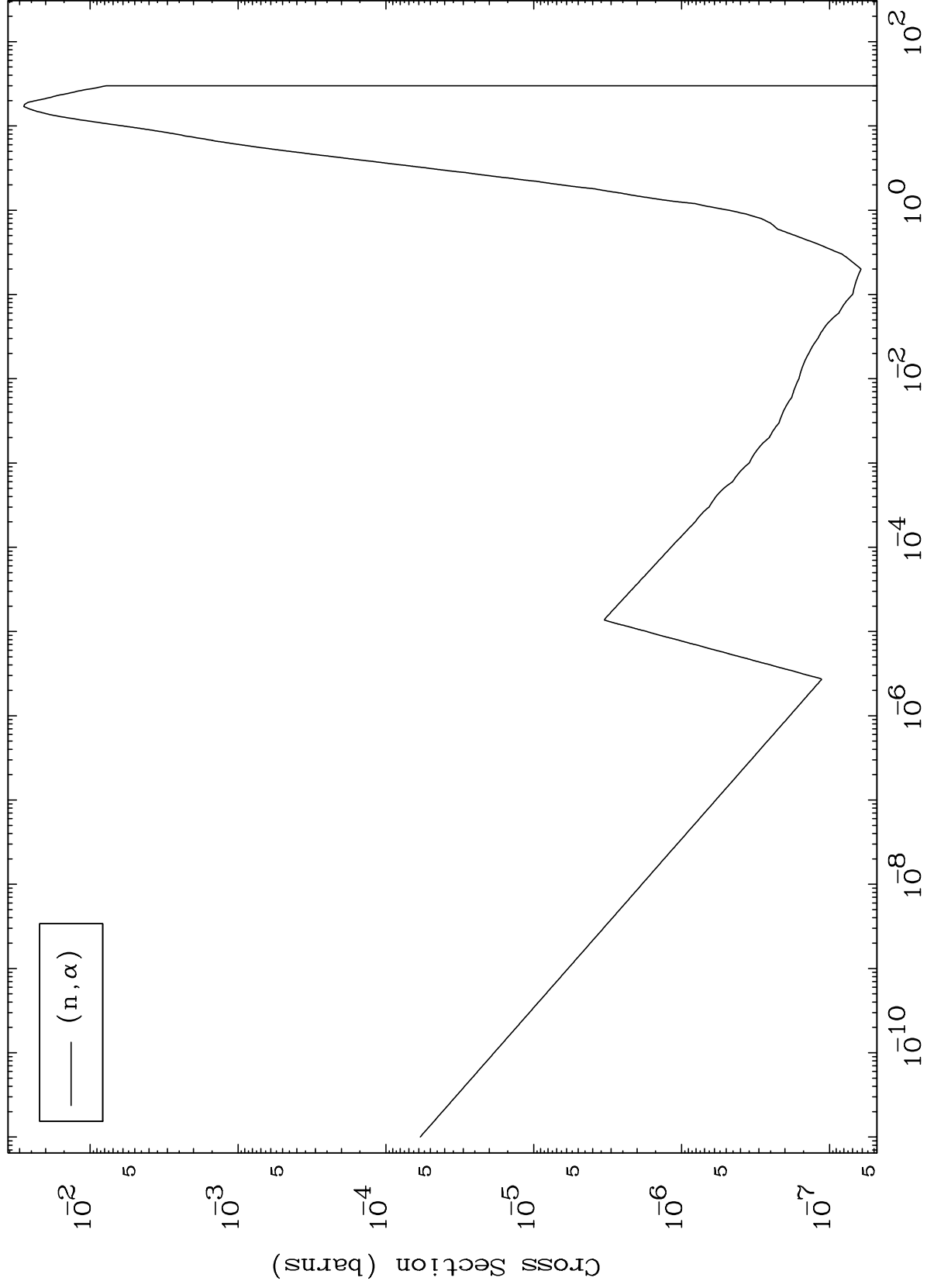
Incident Energy (MeV)

45-Rh-101

MAT 4520

(n, α) Levels
293 Kelvin Cross Sections

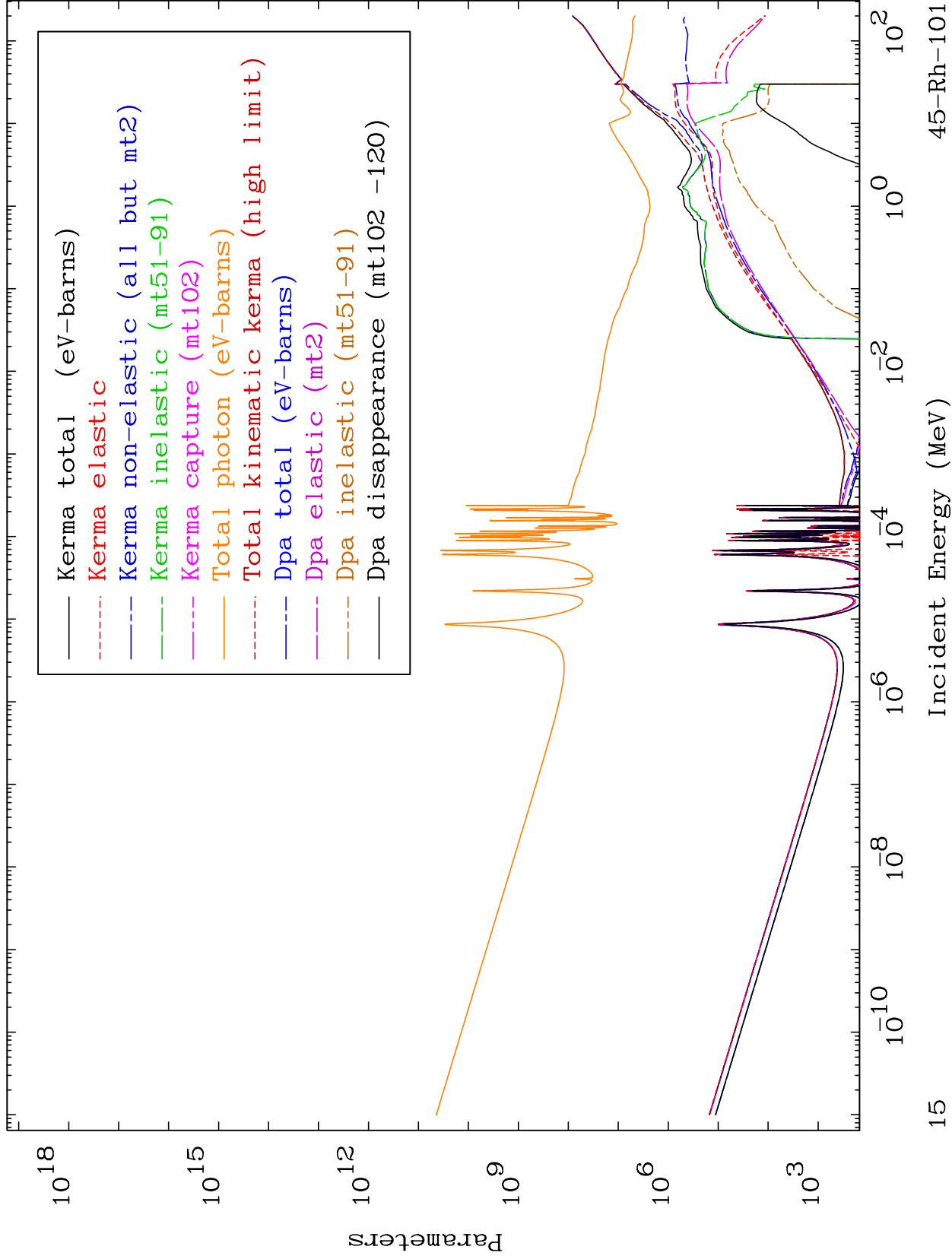
45-Rh-101



14

Incident Energy (MeV)

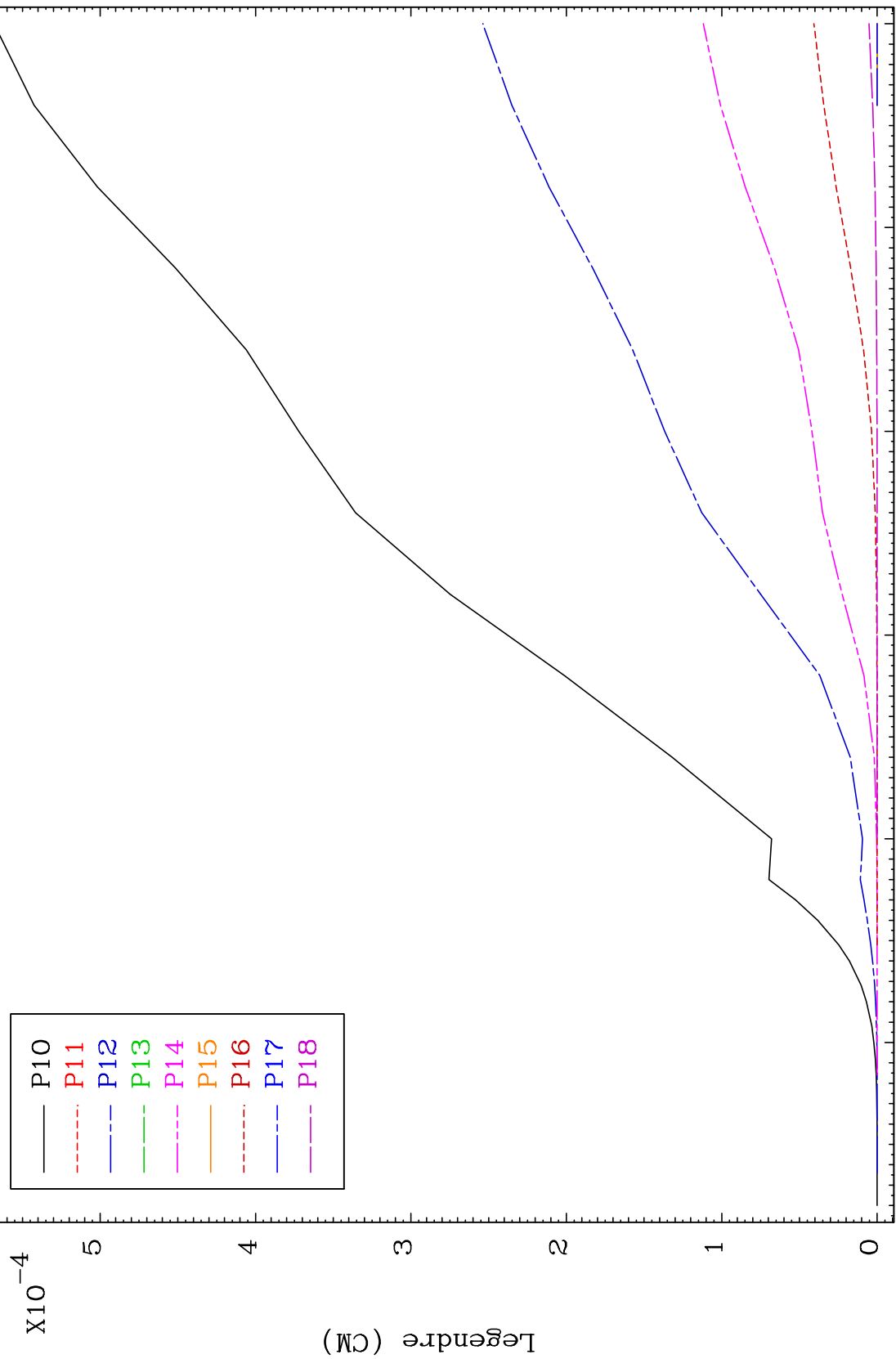
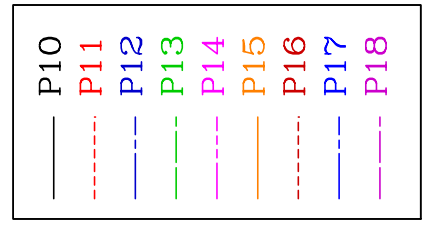
45-Rh-101



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Elastic Legendre Coefficients

45-Rh-101



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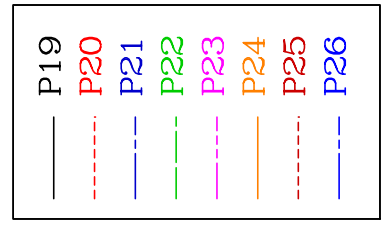
Incident Energy (MeV)

45-Rh-101

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Elastic Legendre Coefficients

45-Rh-101



$\times 10^{-7}$

Legendre (CM)

2.5

2.0

1.5

1.0

0.5

0.0

15

20

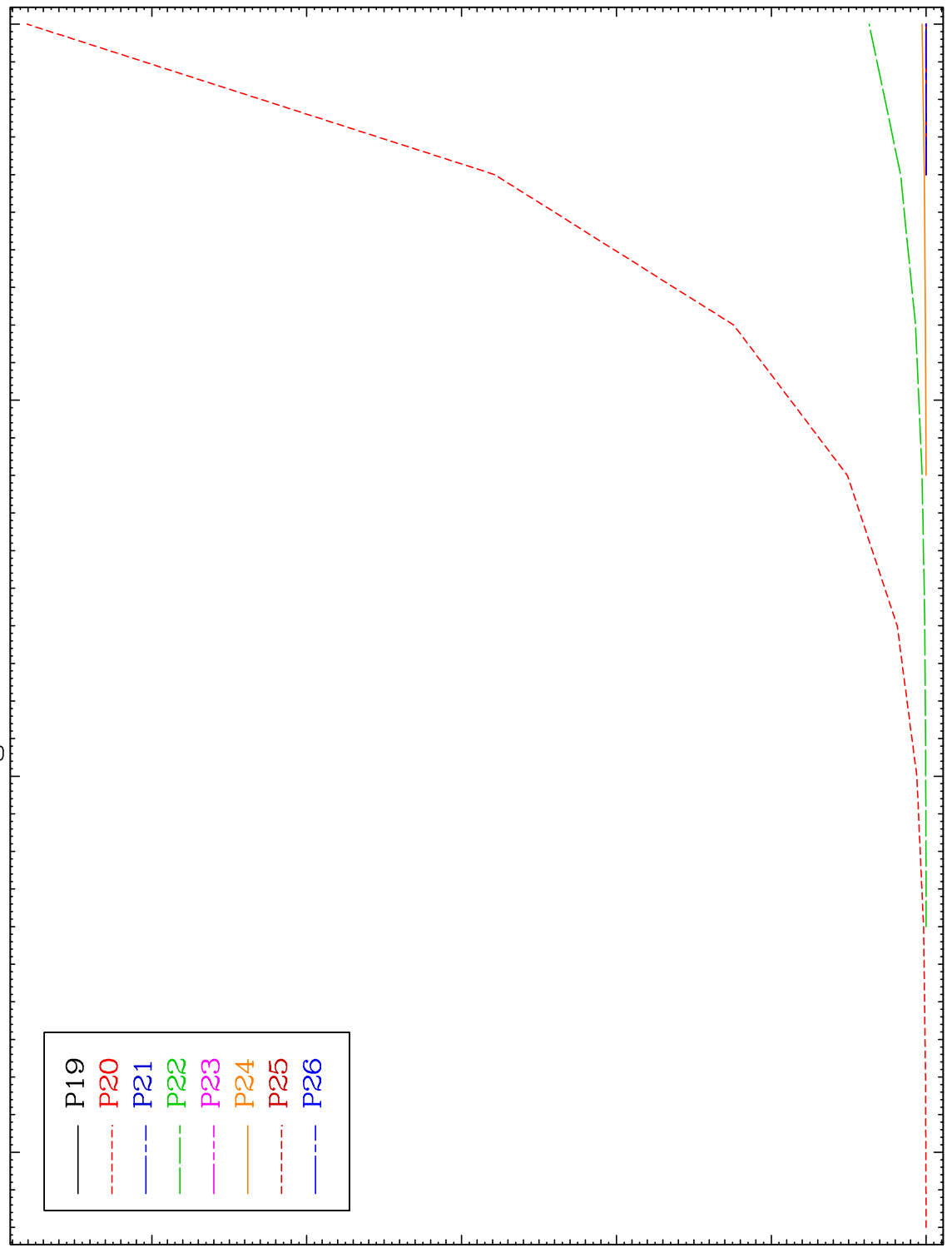
25

30

18

Incident Energy (MeV)

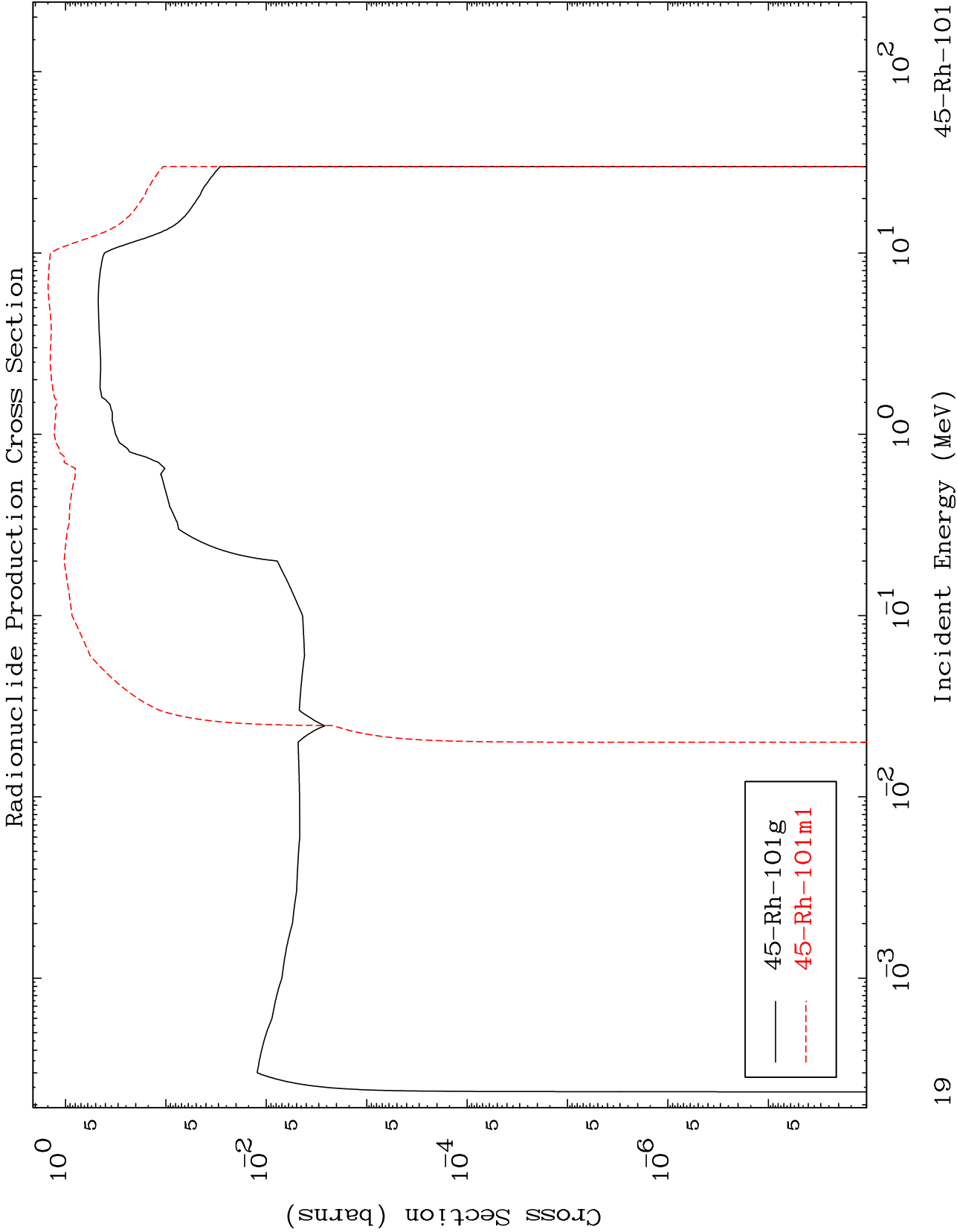
45-Rh-101

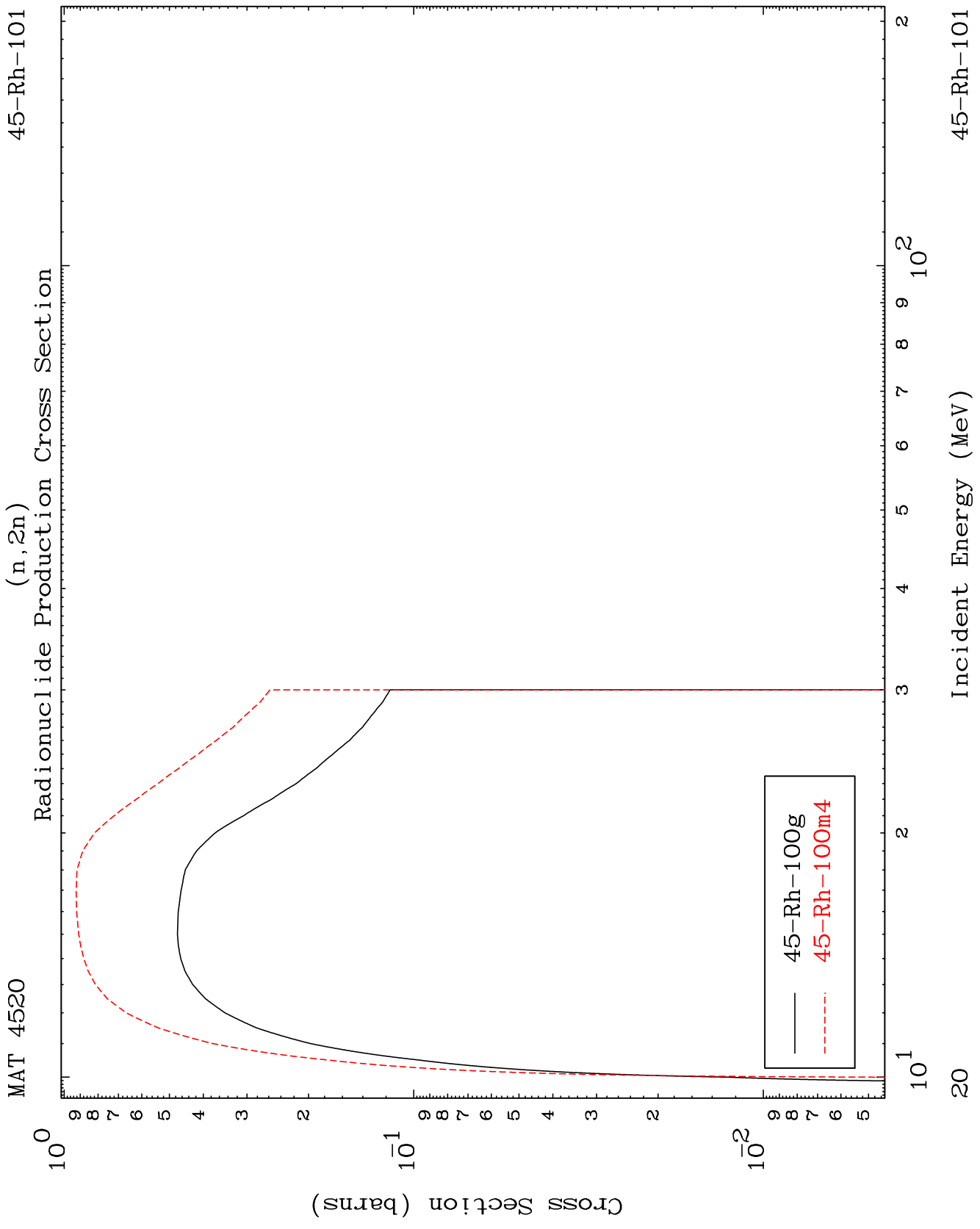


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45-Rh-101

Inelastic
Radionuclide Production Cross Section



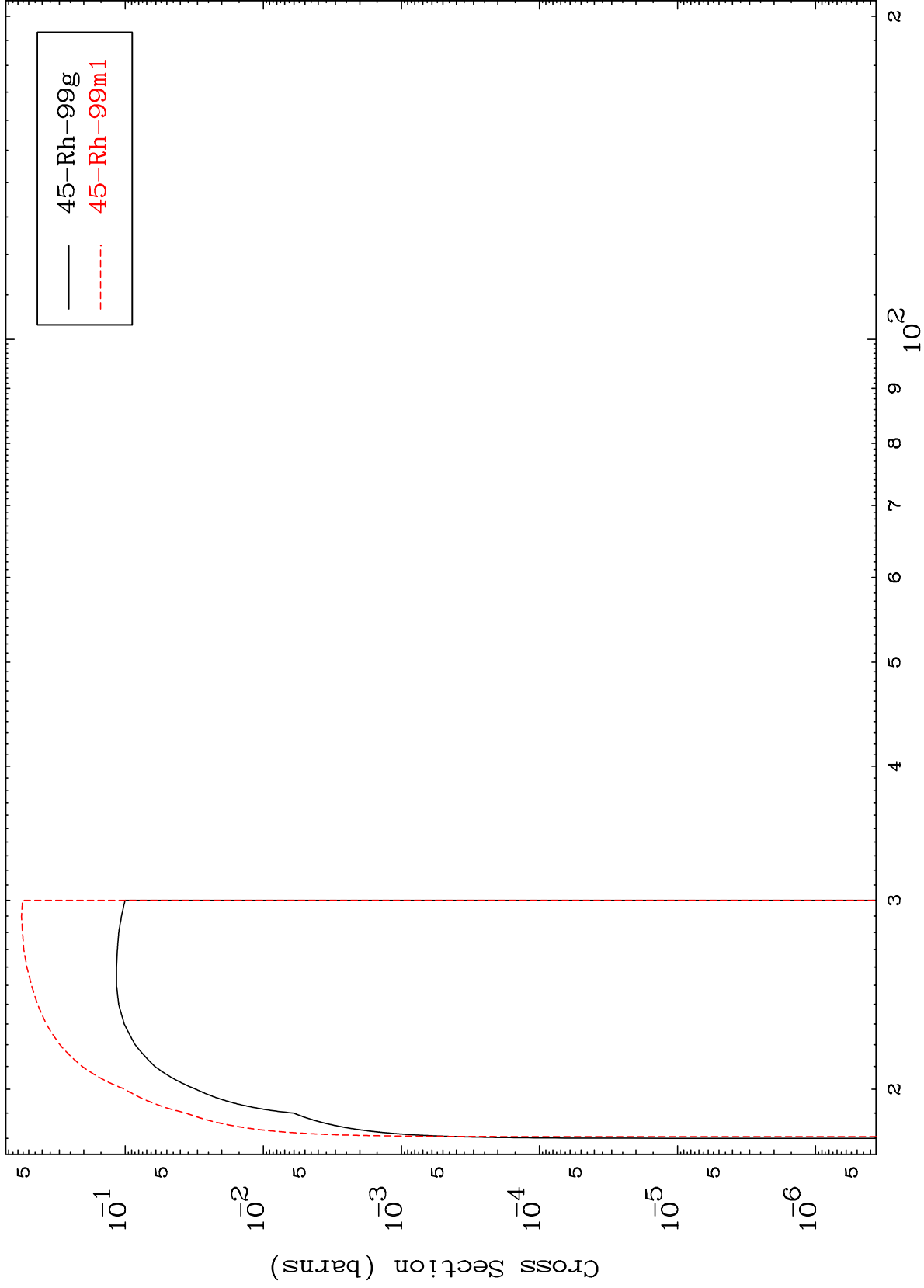


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(n,3n)

45-Rh-101

Radionuclide Production Cross Section



21

Incident Energy (MeV)

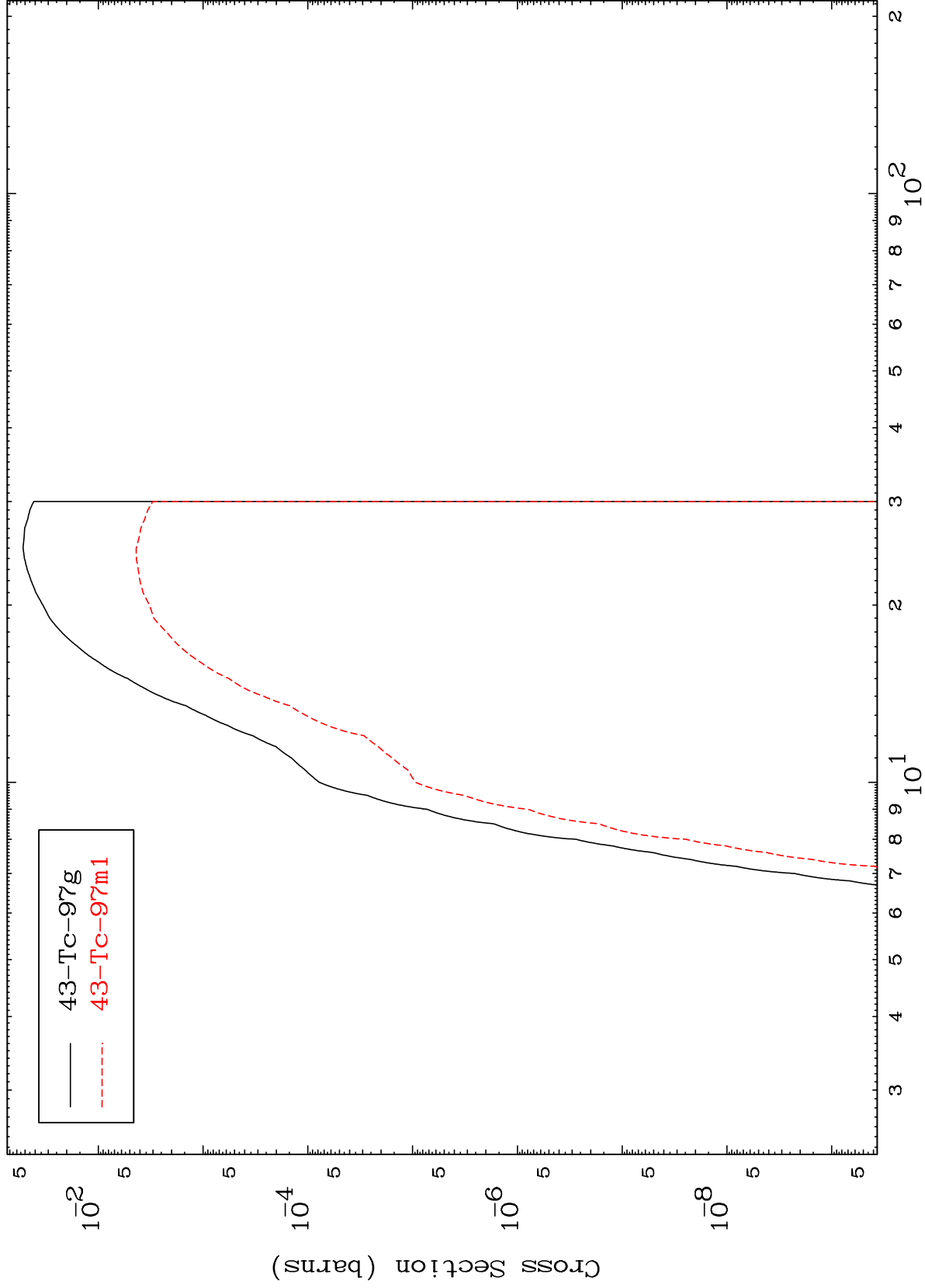
45-Rh-101

MAT 4520

45-Rh-101

(n,n') α

Radionuclide Production Cross Section

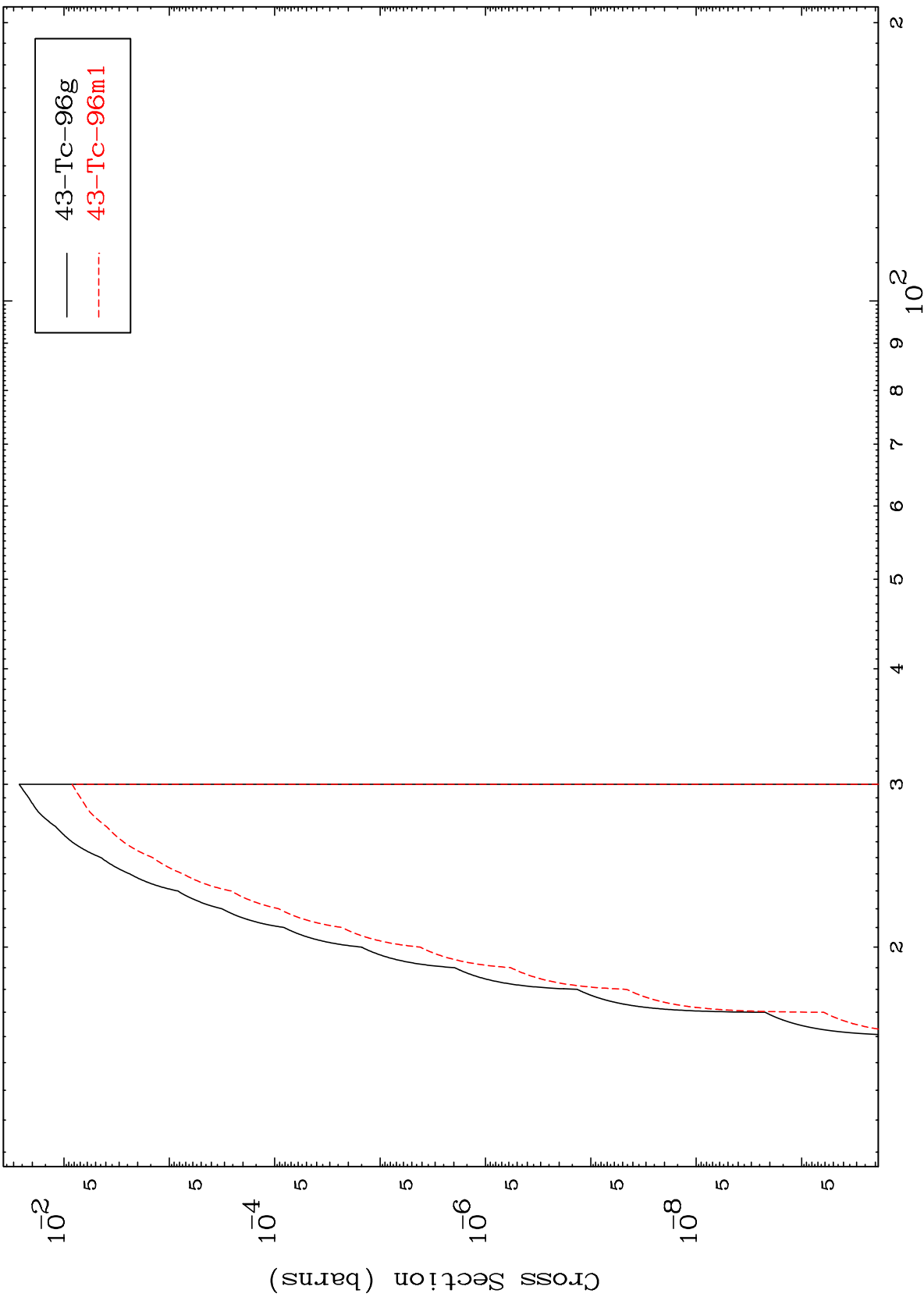


22

Incident Energy (MeV)

45-Rh-101

Radionuclide Production Cross Section

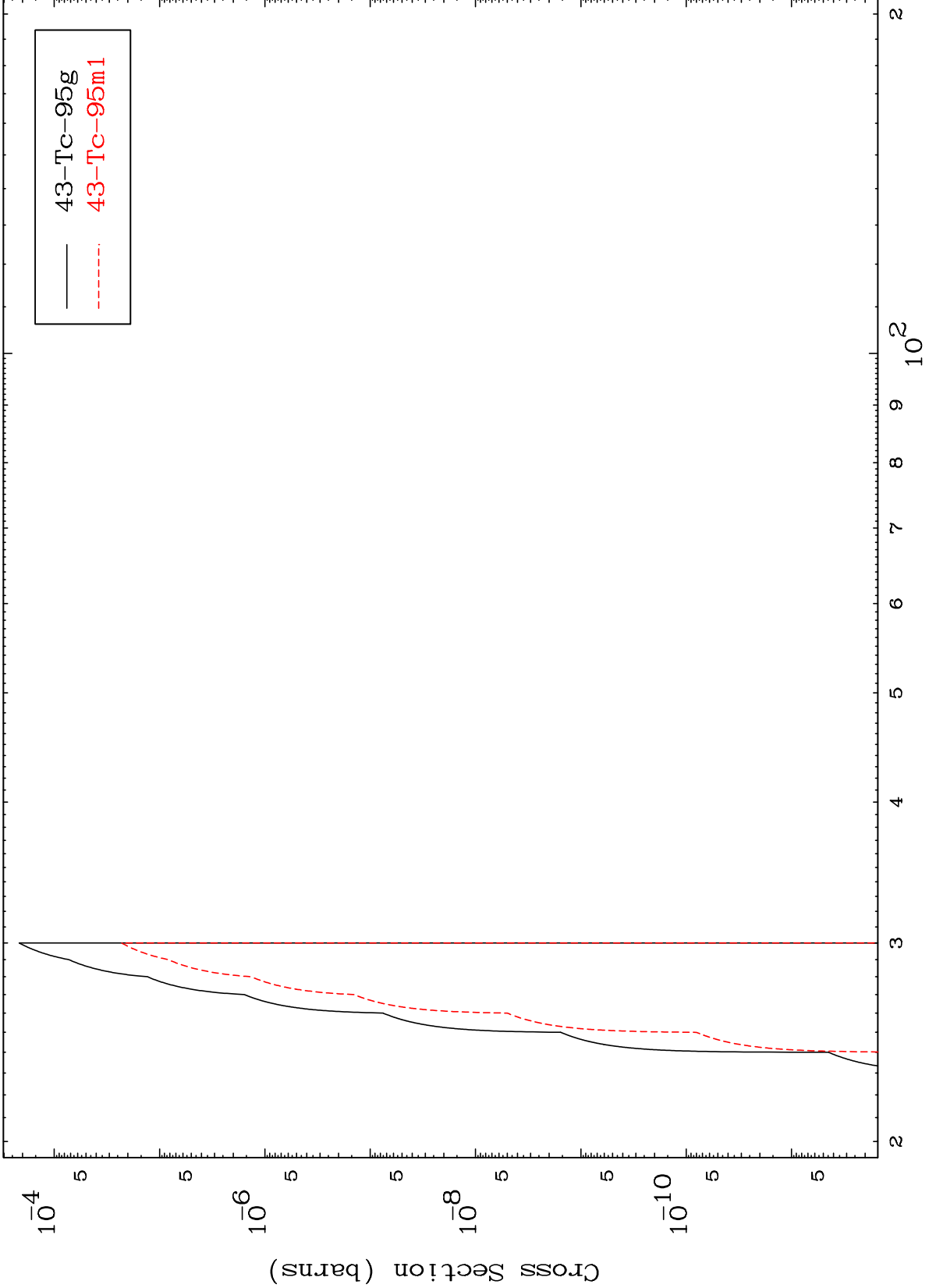


MAT 4520

(n,3n) α

45-Rh-101

Radionuclide Production Cross Section

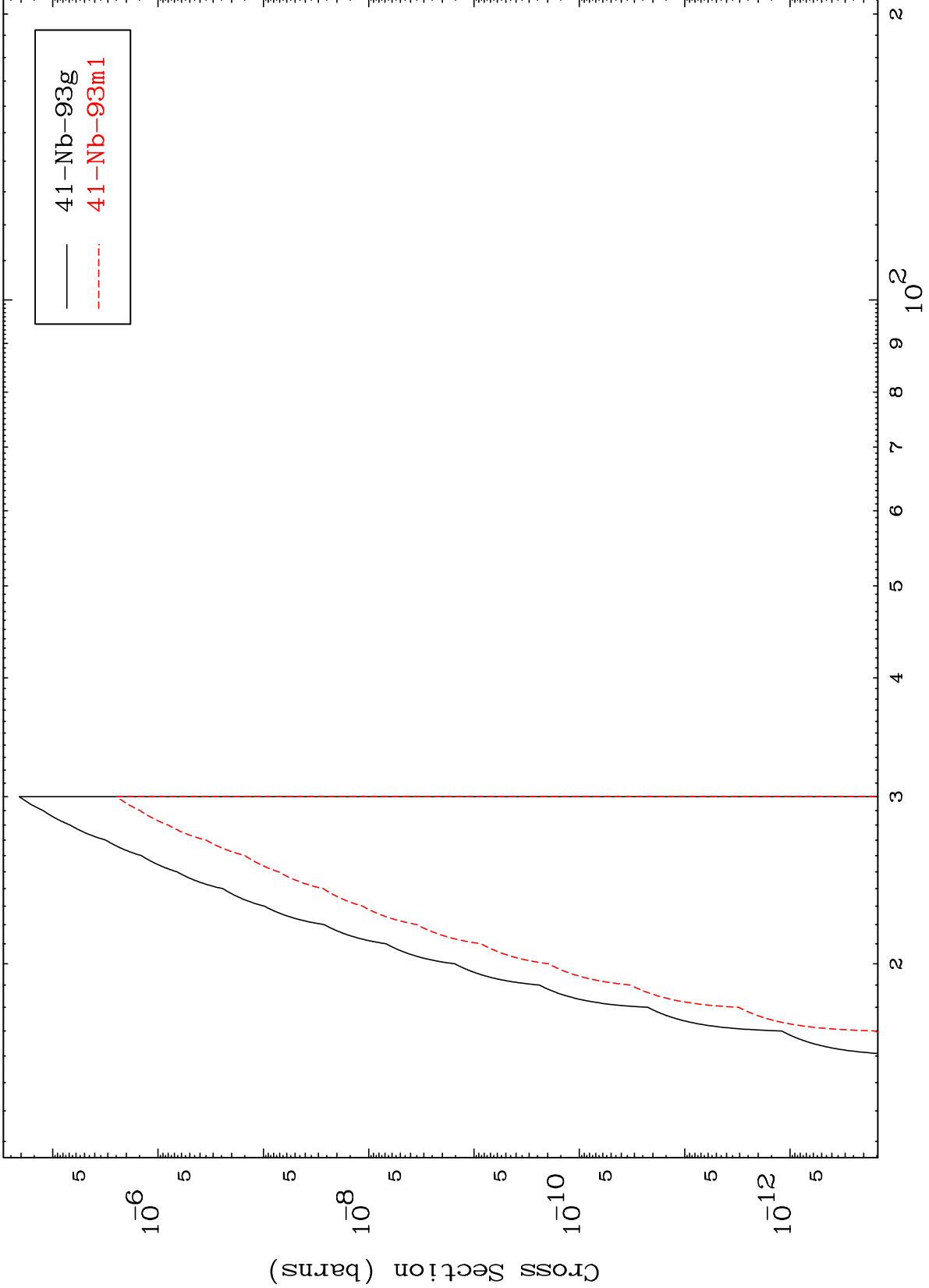


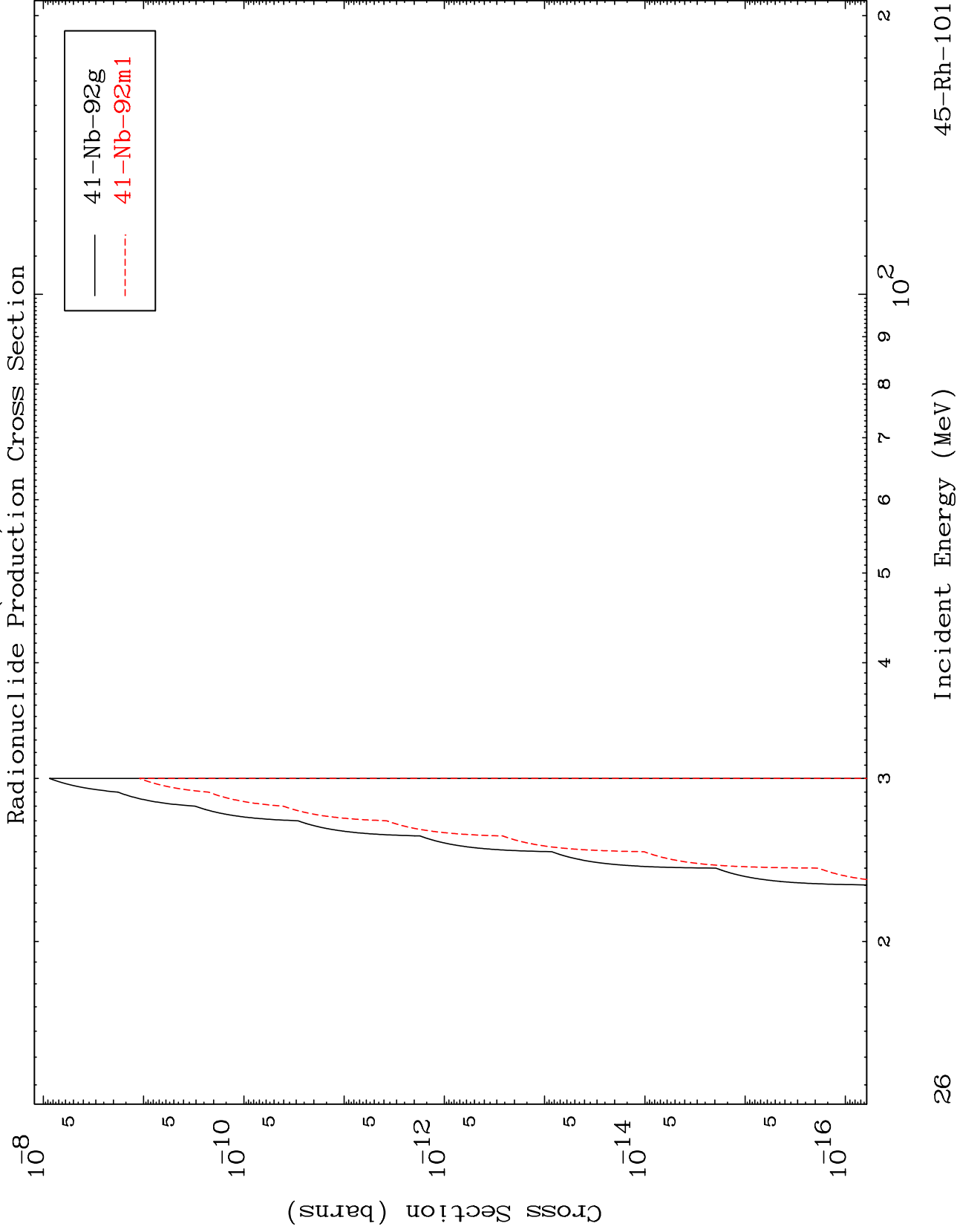
24

Incident Energy (MeV)

45-Rh-101

Radionuclide Production Cross Section

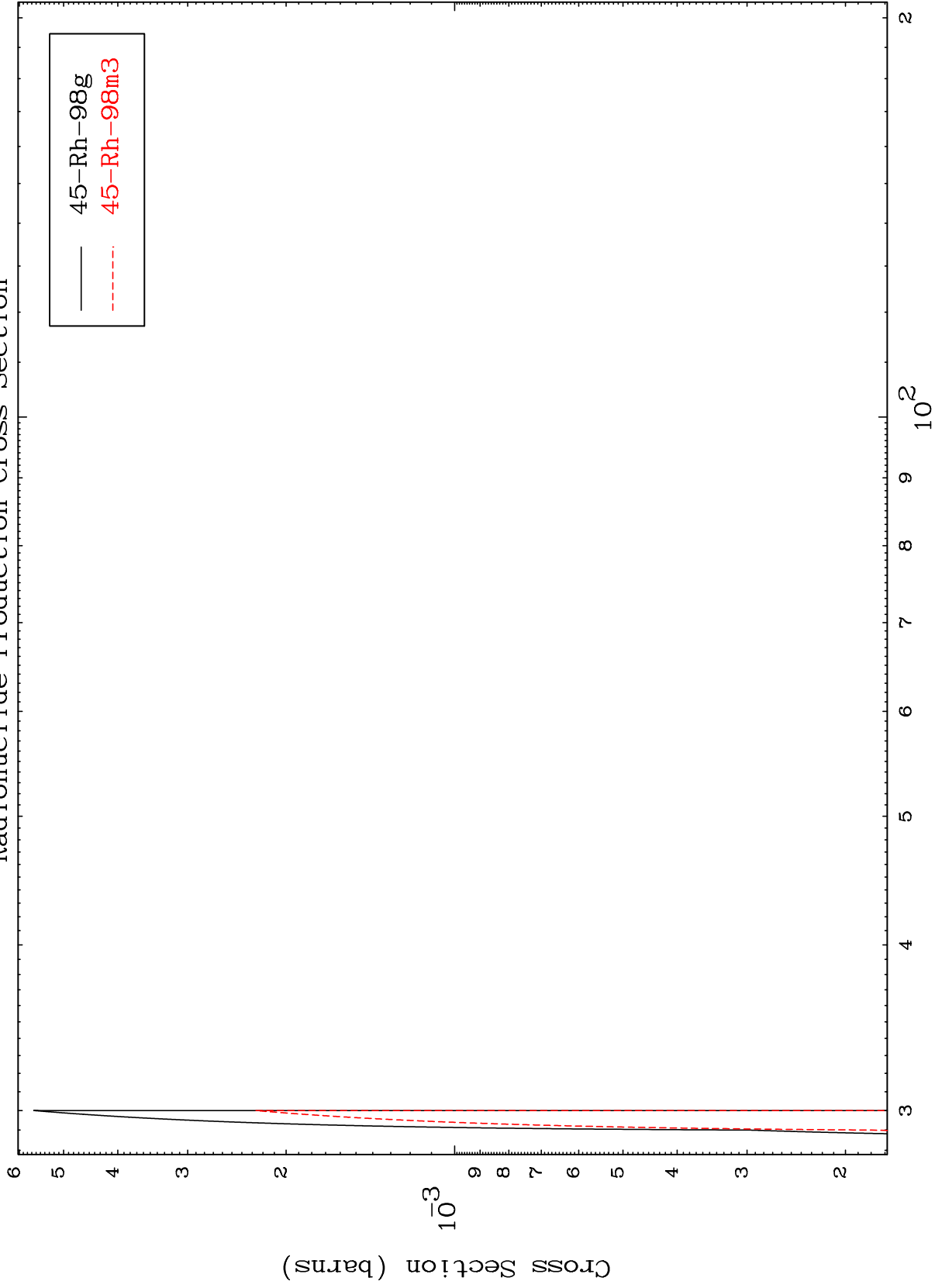




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45-Rh-101

(n,4n)
Radionuclide Production Cross Section

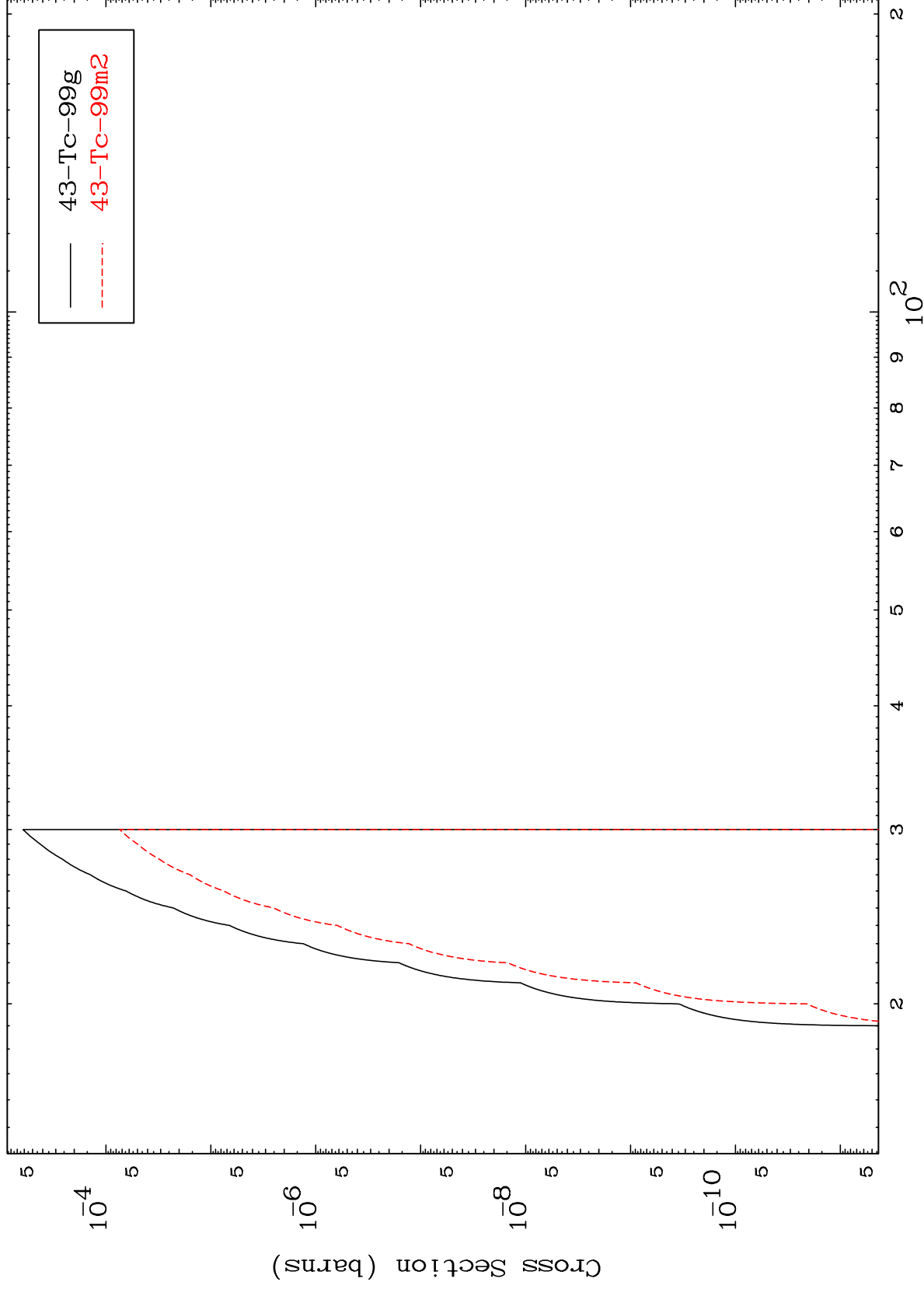


27

45-Rh-101

Incident Energy (MeV)

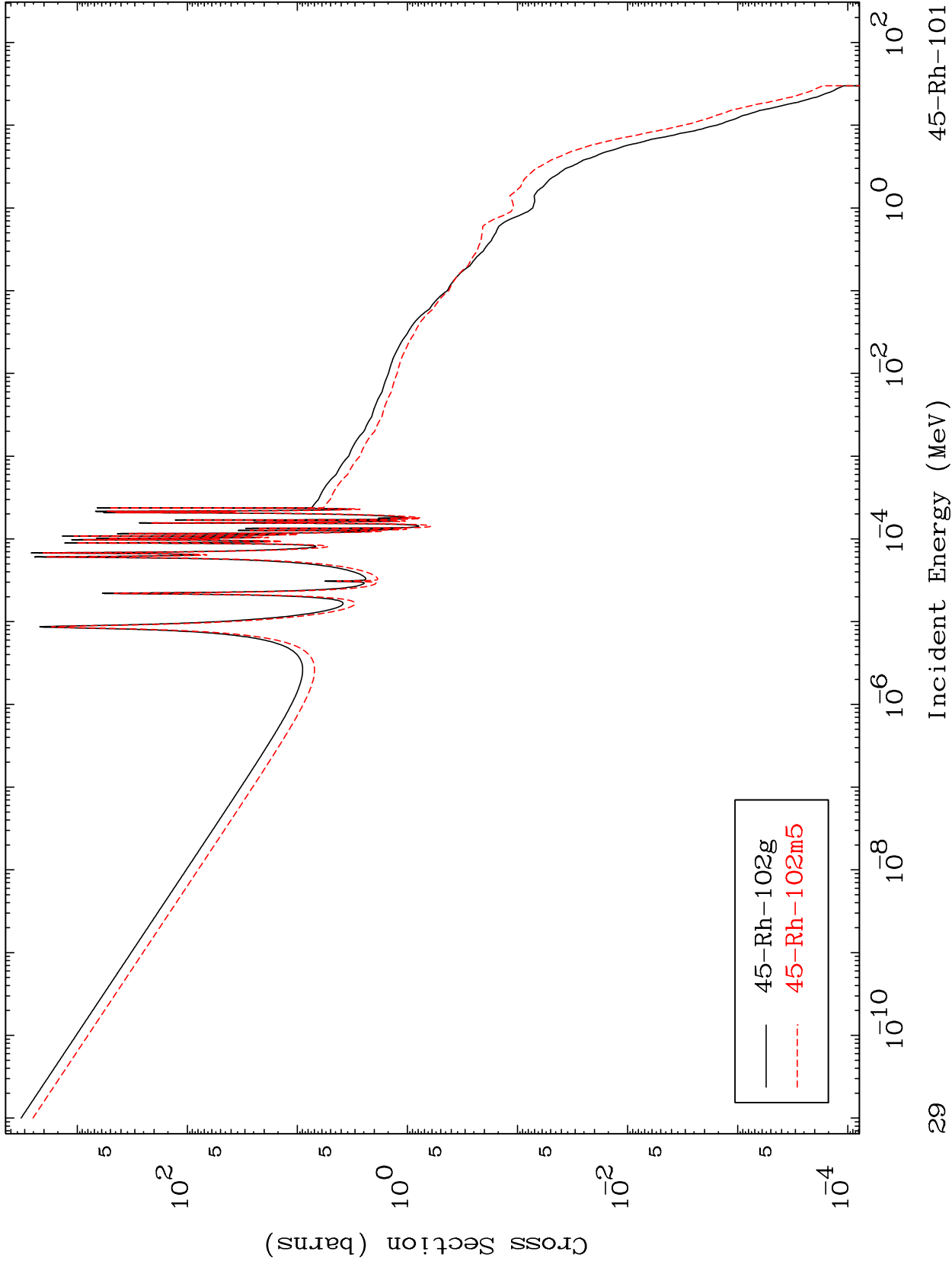
Radionuclide Production Cross Section



MAT 4520

45-Rh-101

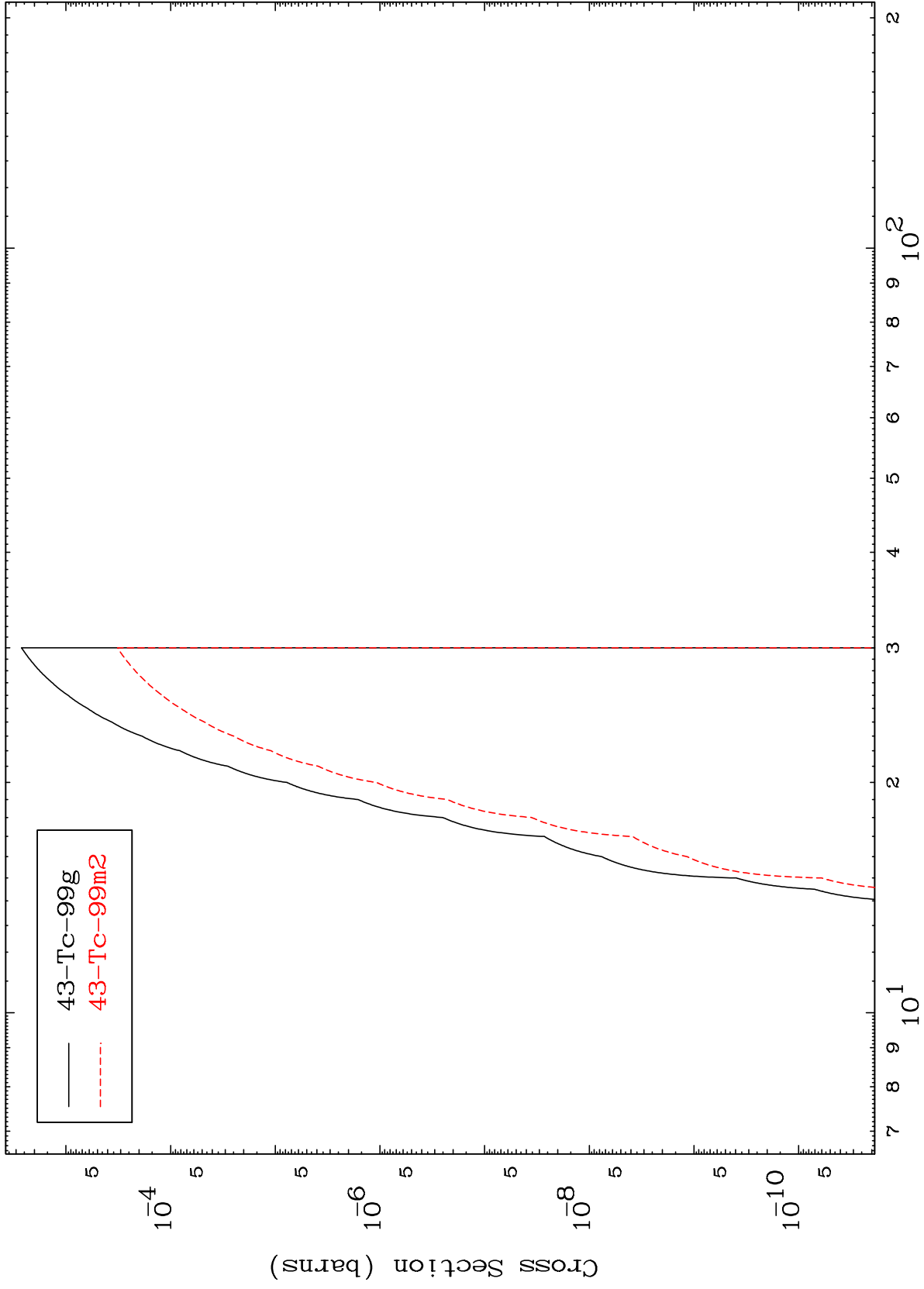
(n, γ)
Radionuclide Production Cross Section



MAT 4520

45-Rh-101

Radionuclide Production Cross Section
(n,He-3)



30

Incident Energy (MeV)

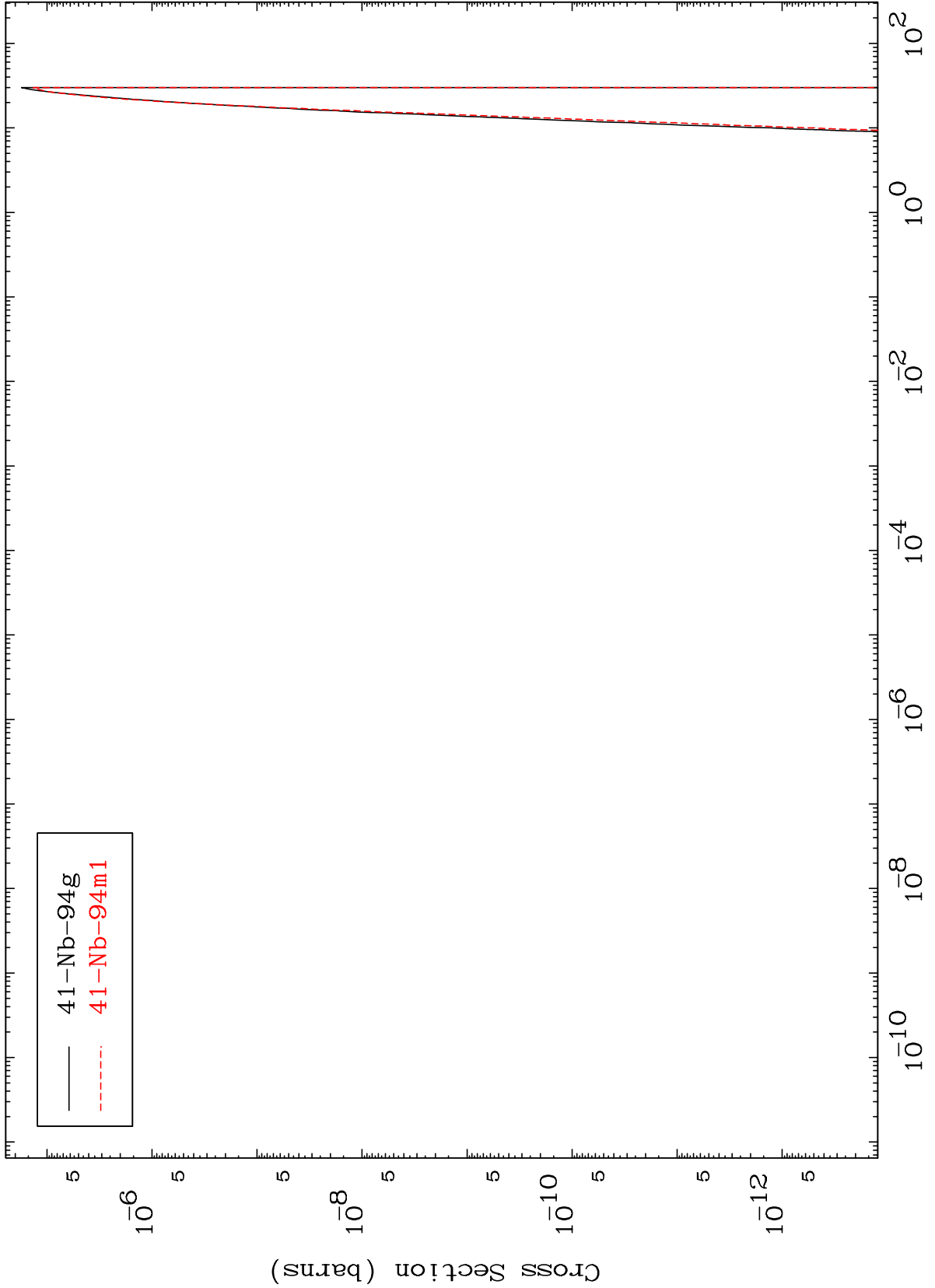
45-Rh-101

MAT 4520

(n,2α)

45-Rh-101

Radionuclide Production Cross Section



— 41-Nb-94g
- - - 41-Nb-94m1

Radionuclide Production Cross Section

