

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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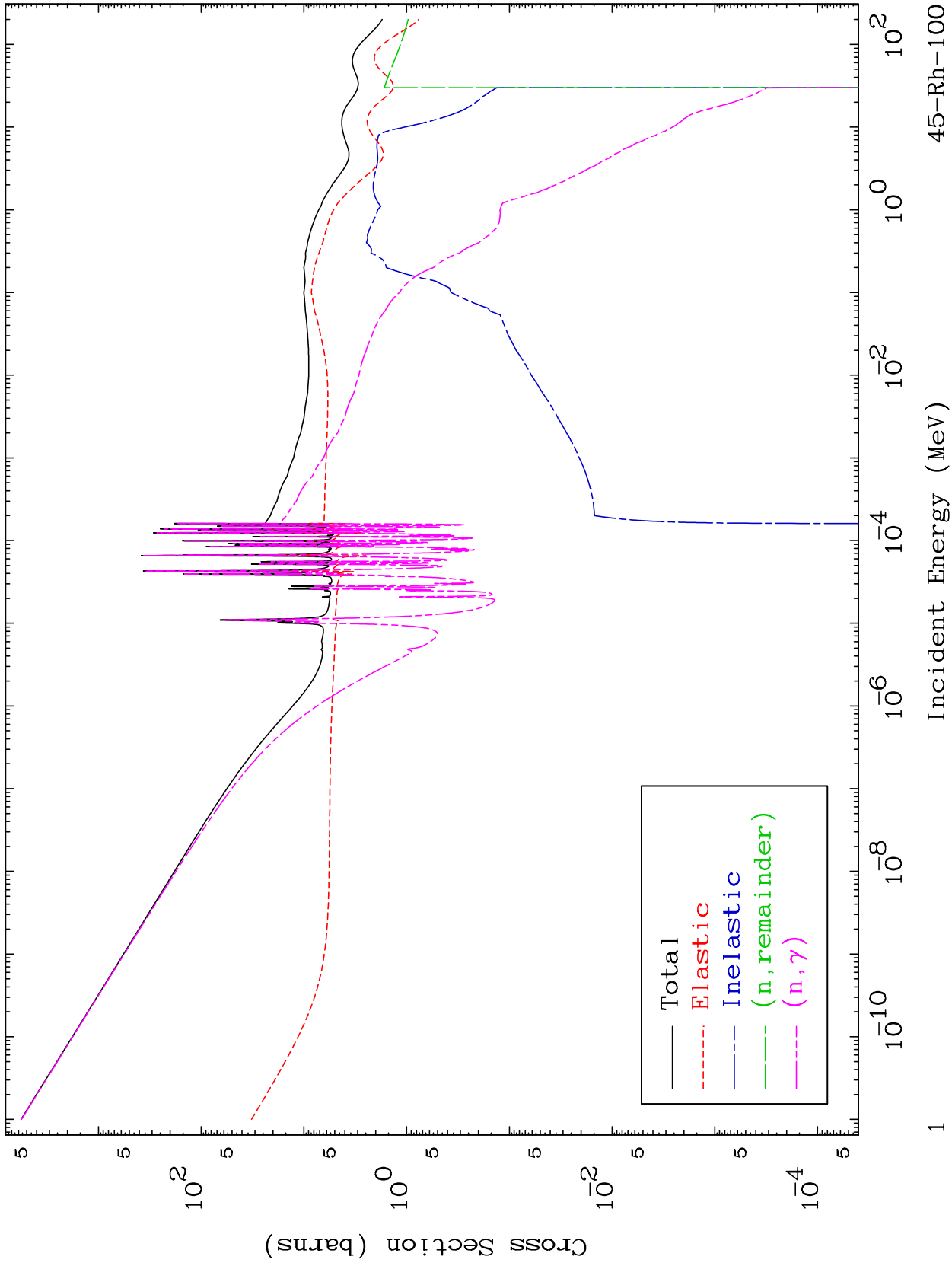
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4517

Major
293 Kelvin Cross Sections

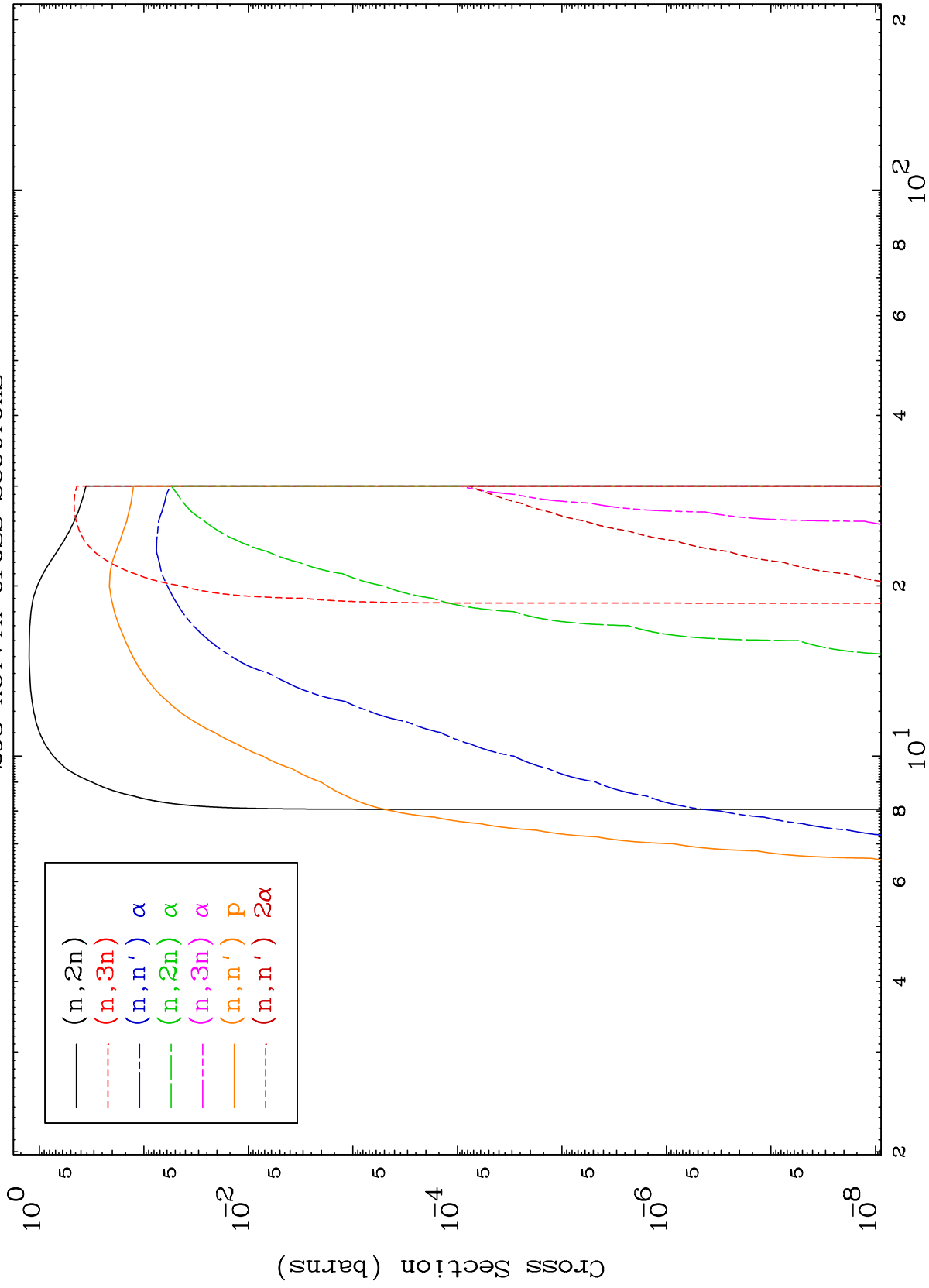
45-Rh-100



MAT 4517

Neutron Production
293 Kelvin Cross Sections

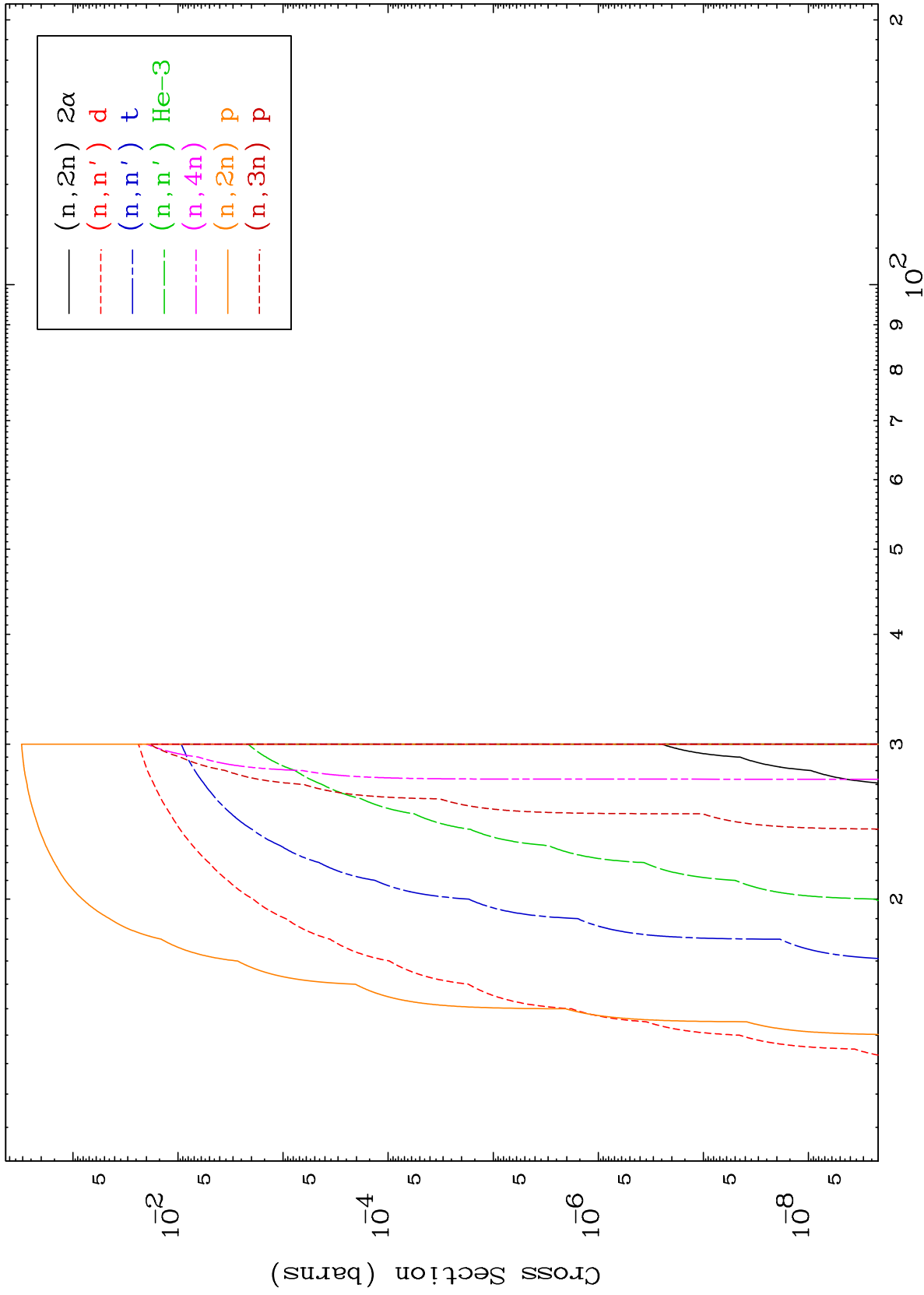
45-Rh-100



2

Incident Energy (MeV)

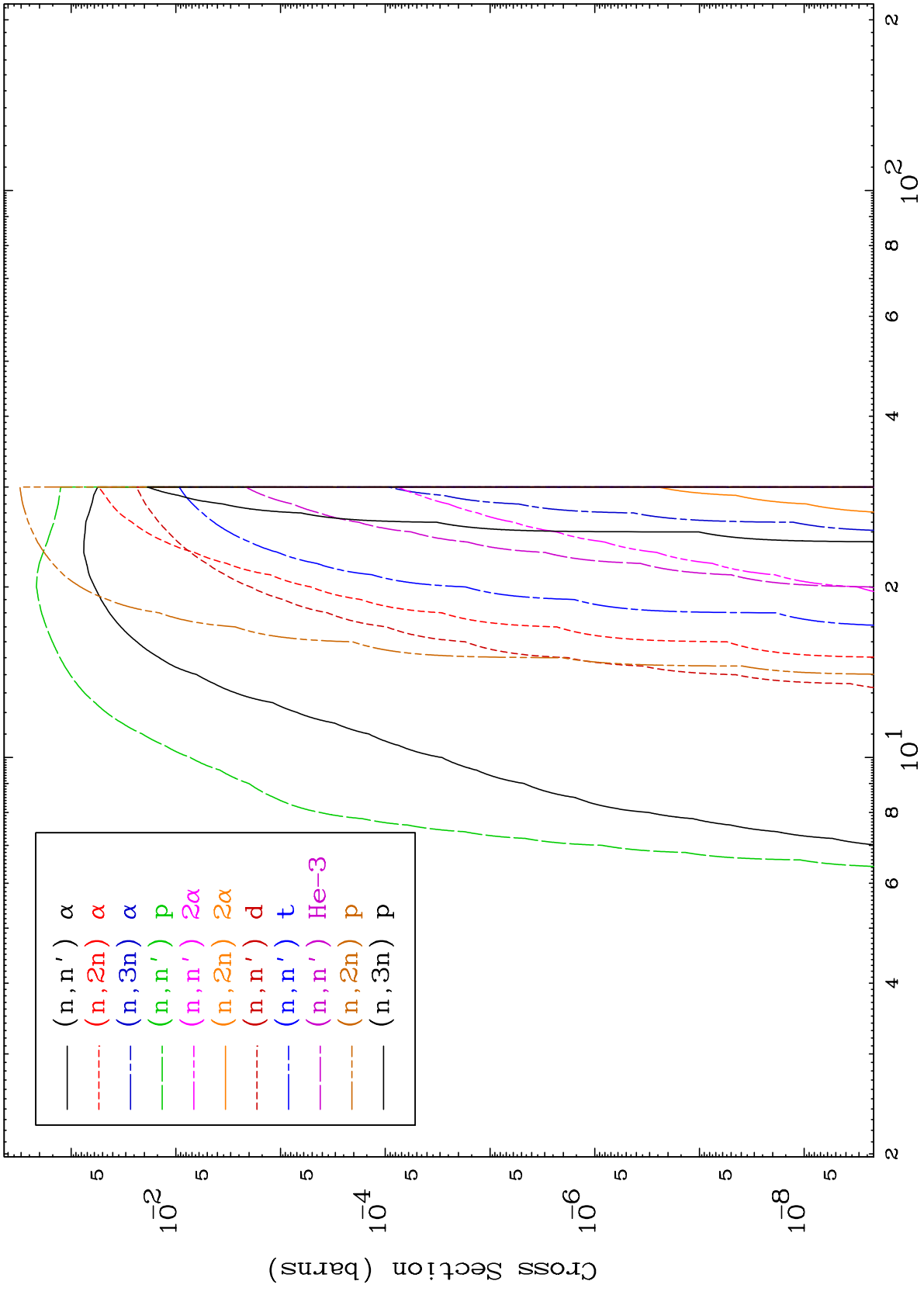
45-Rh-100



MAT 4517

Charged Particle
293 Kelvin Cross Sections

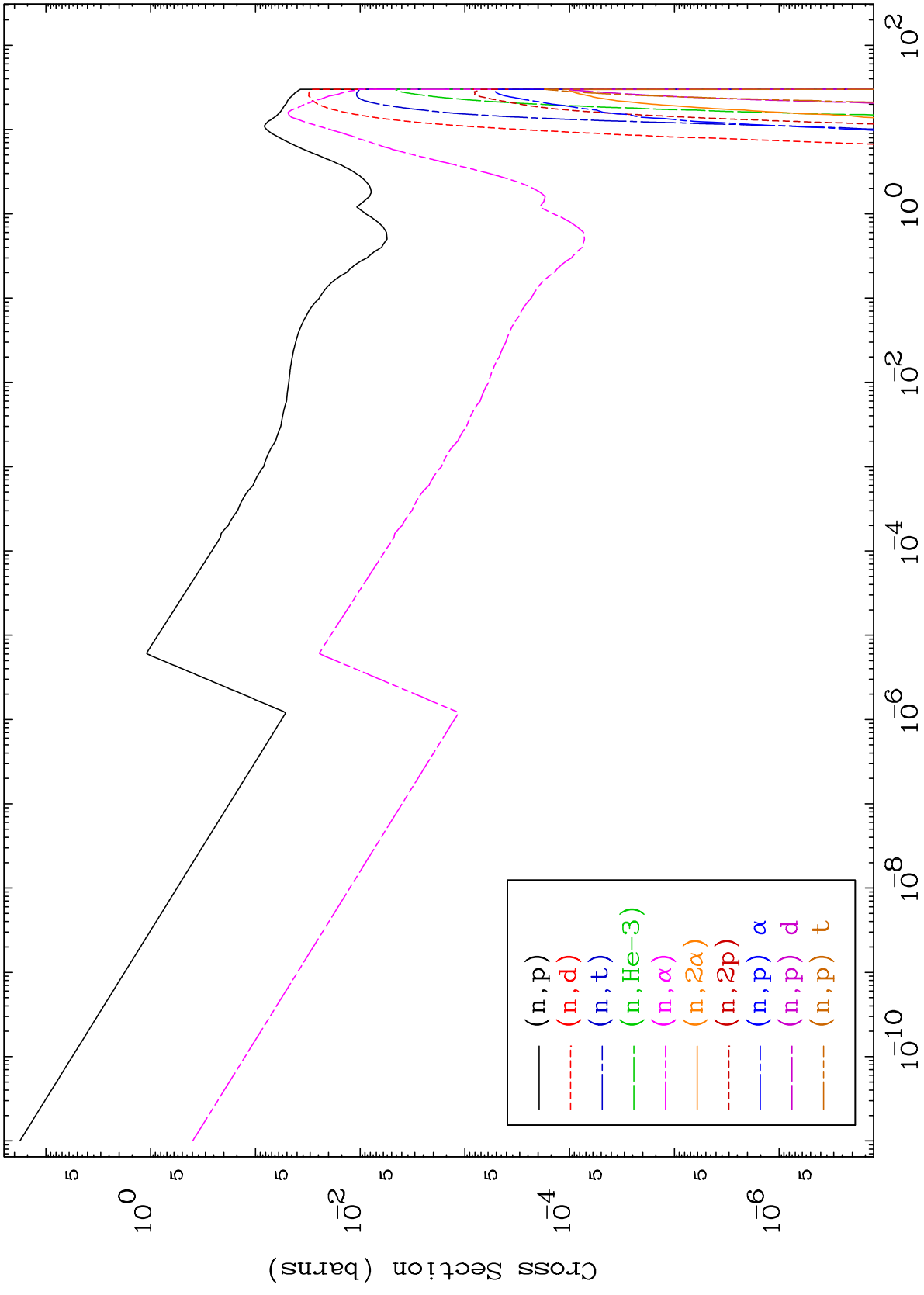
45-Rh-100



MAT 4517

Charged Particle
293 Kelvin Cross Sections

45-Rh-100

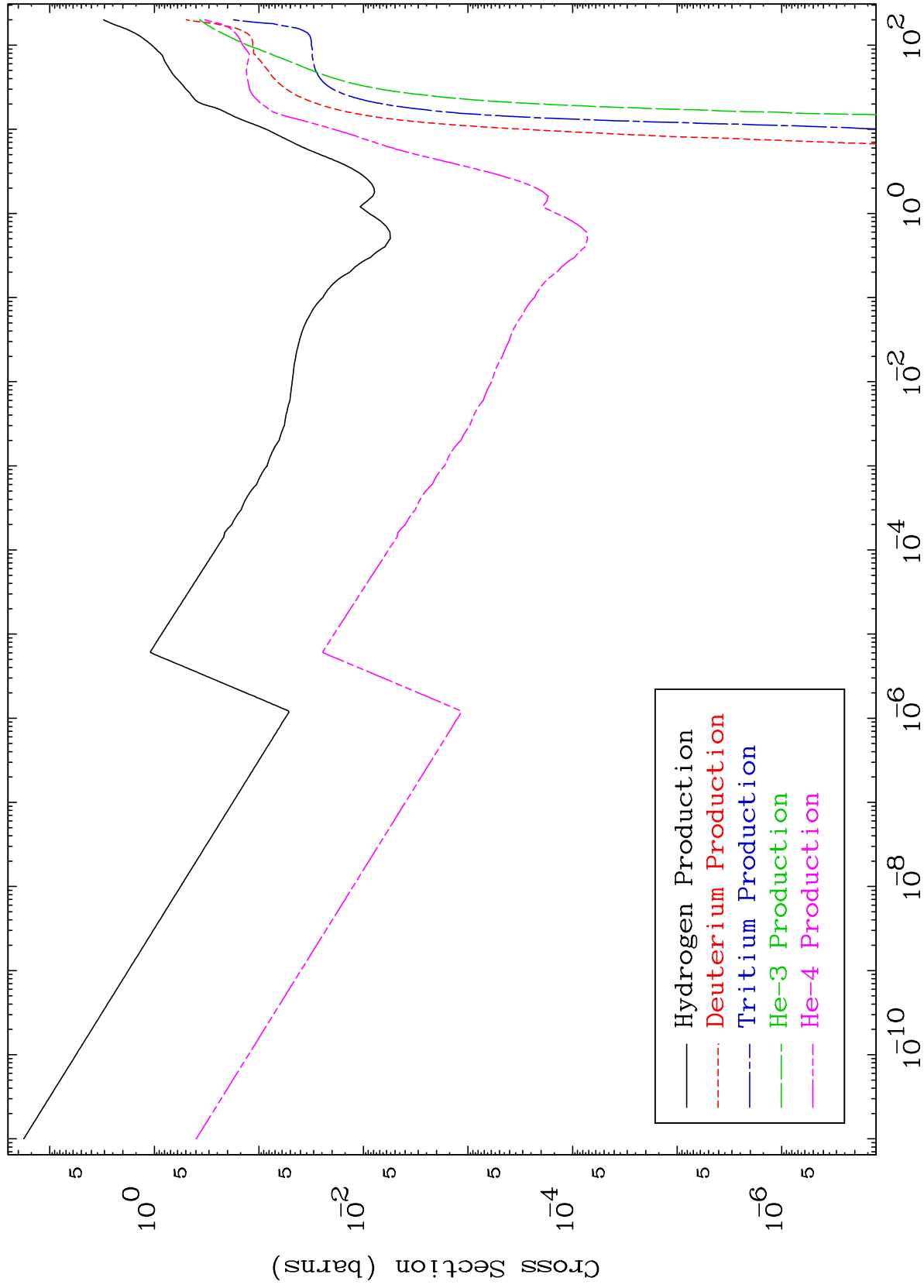


45-Rh-100

MAT 4517

Particle Production
293 Kelvin Cross Sections

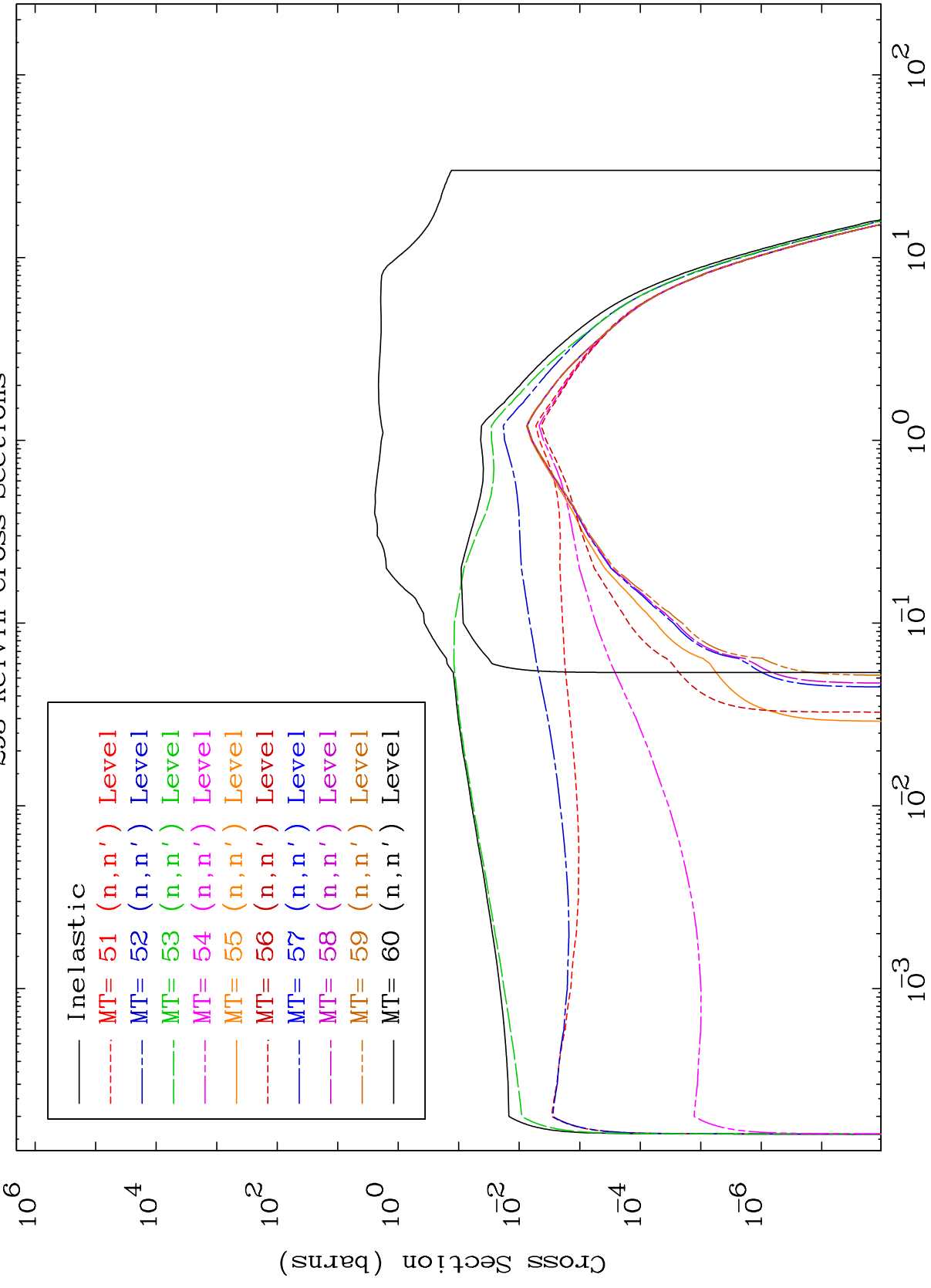
45-Rh-100



MAT 4517

(n,n') Level
293 Kelvin Cross Sections

45-Rh-100



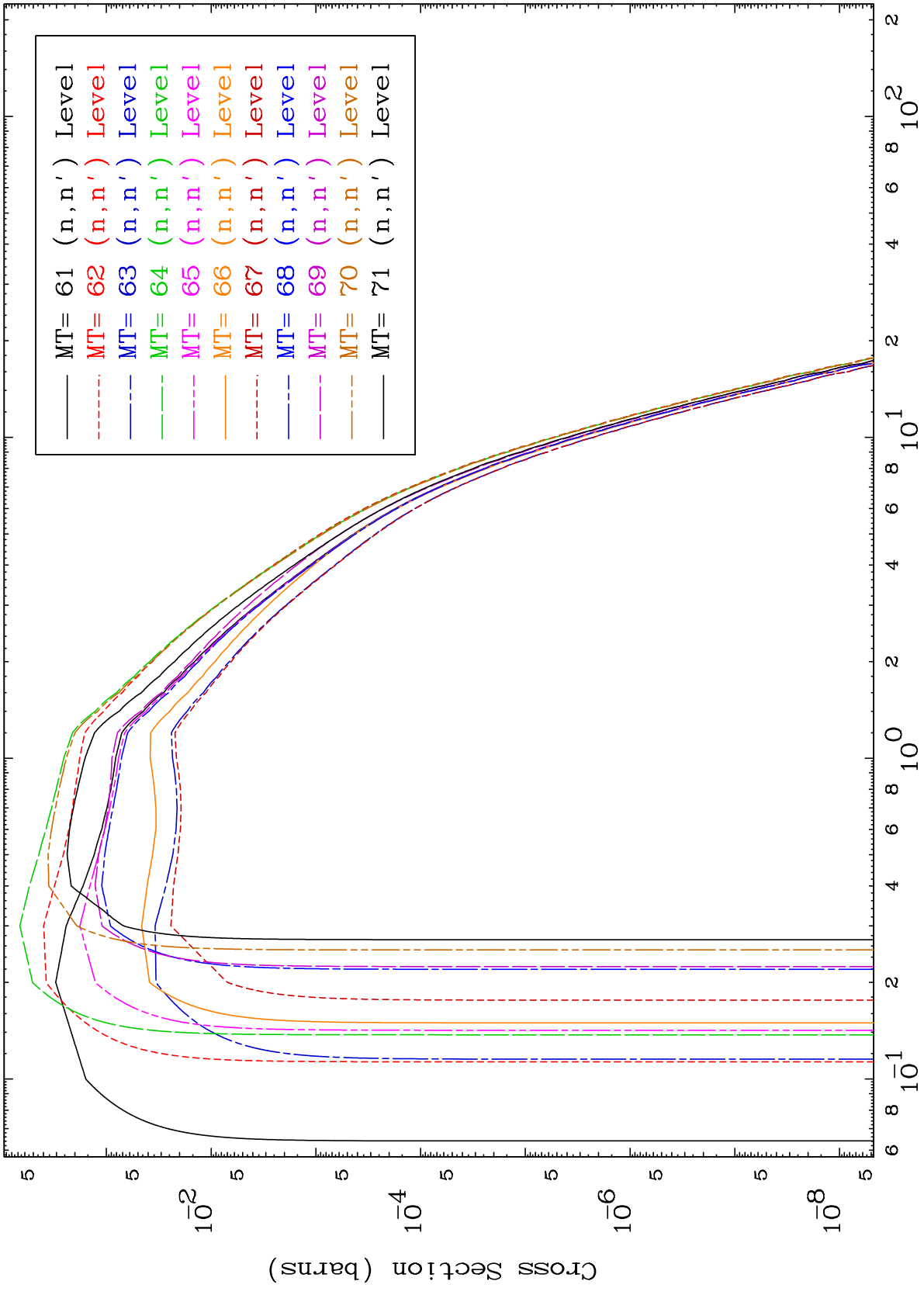
45-Rh-100

MAT 4517

(n,n') Level

45-Rh-100

293 Kelvin Cross Sections



8

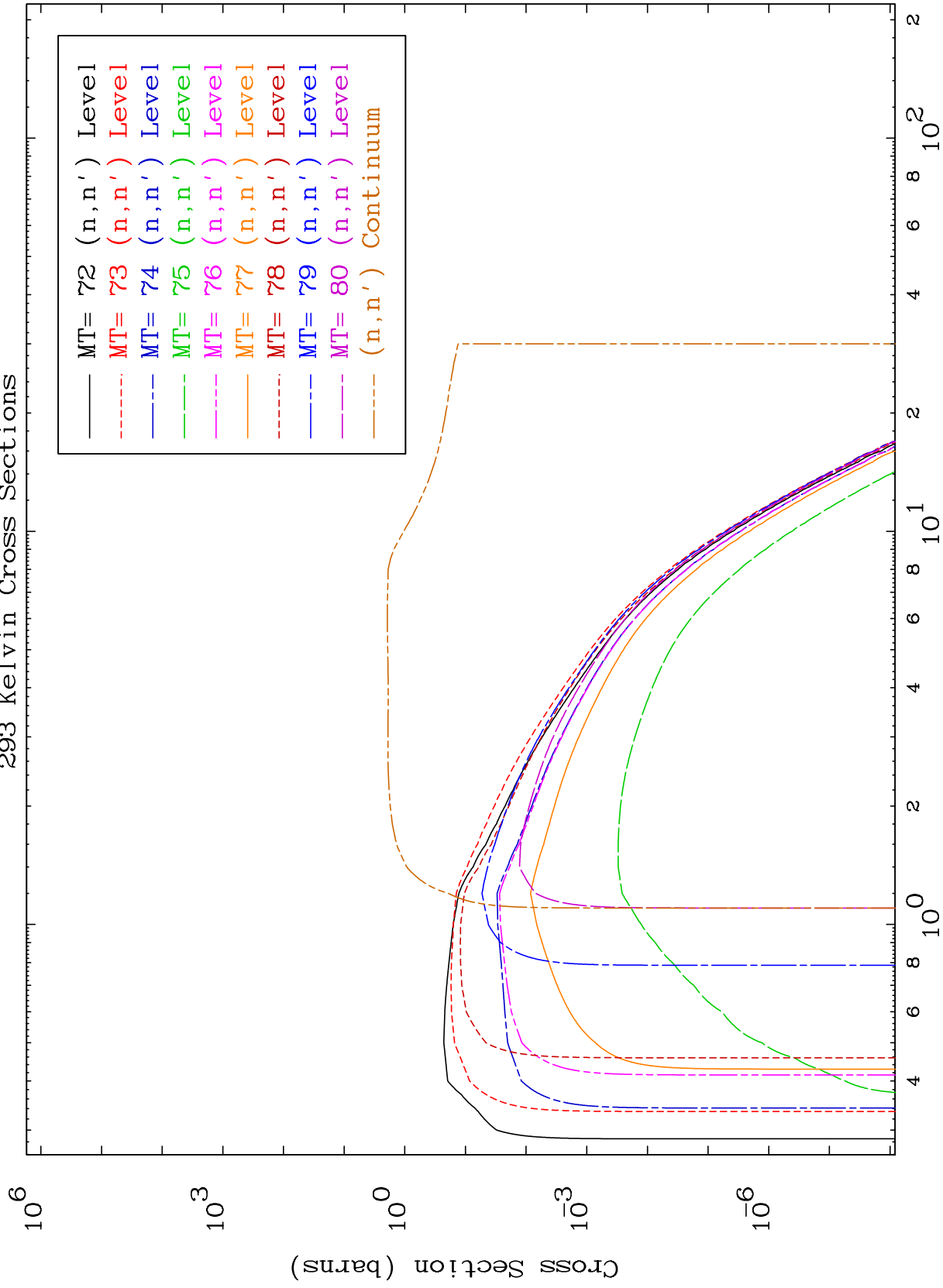
Incident Energy (MeV)

45-Rh-100

MAT 4517

(n,n') Level
293 Kelvin Cross Sections

45-Rh-100



9

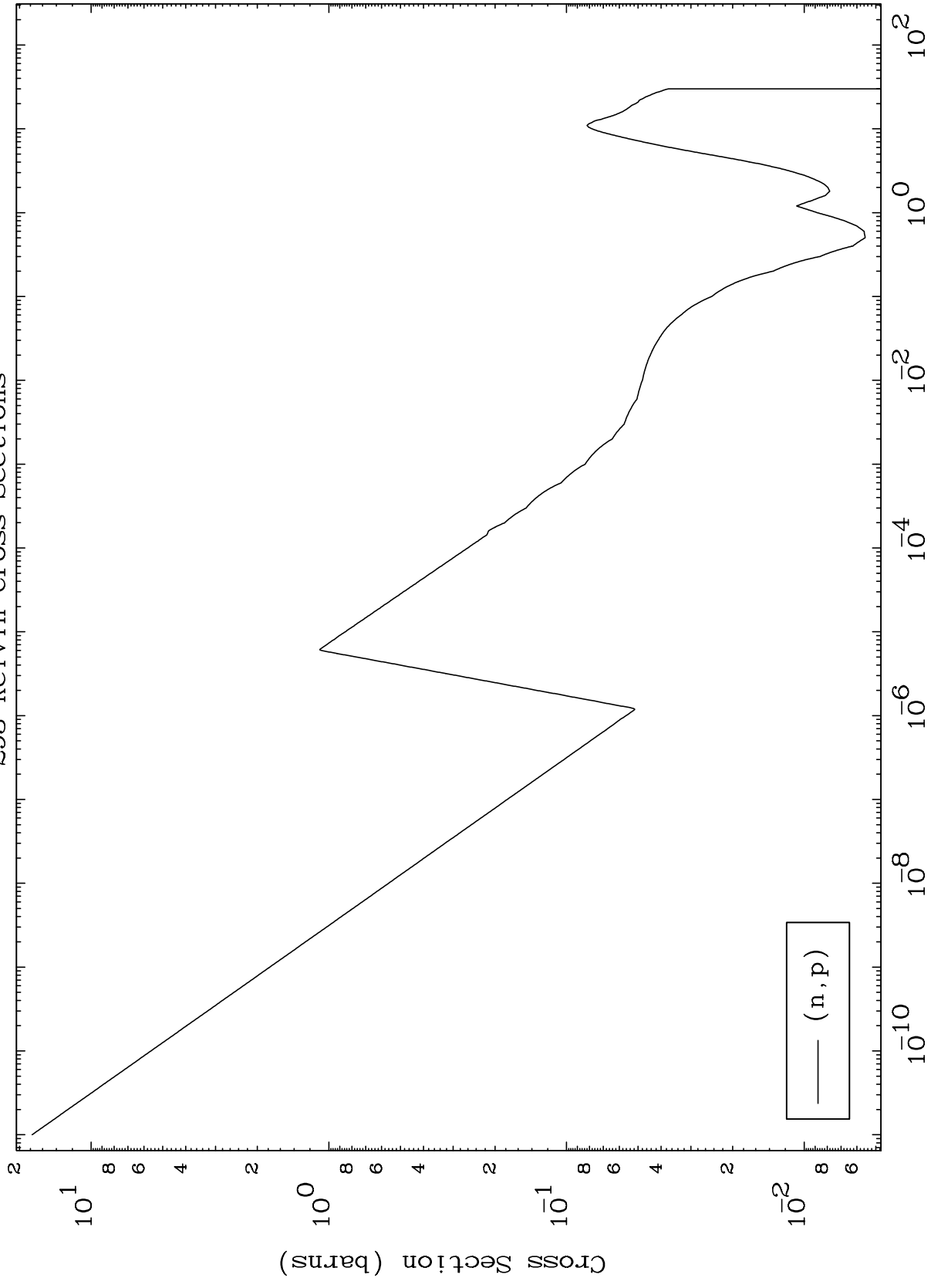
Incident Energy (MeV)

45-Rh-100

MAT 4517

(n,p) Levels
293 Kelvin Cross Sections

45-Rh-100



10

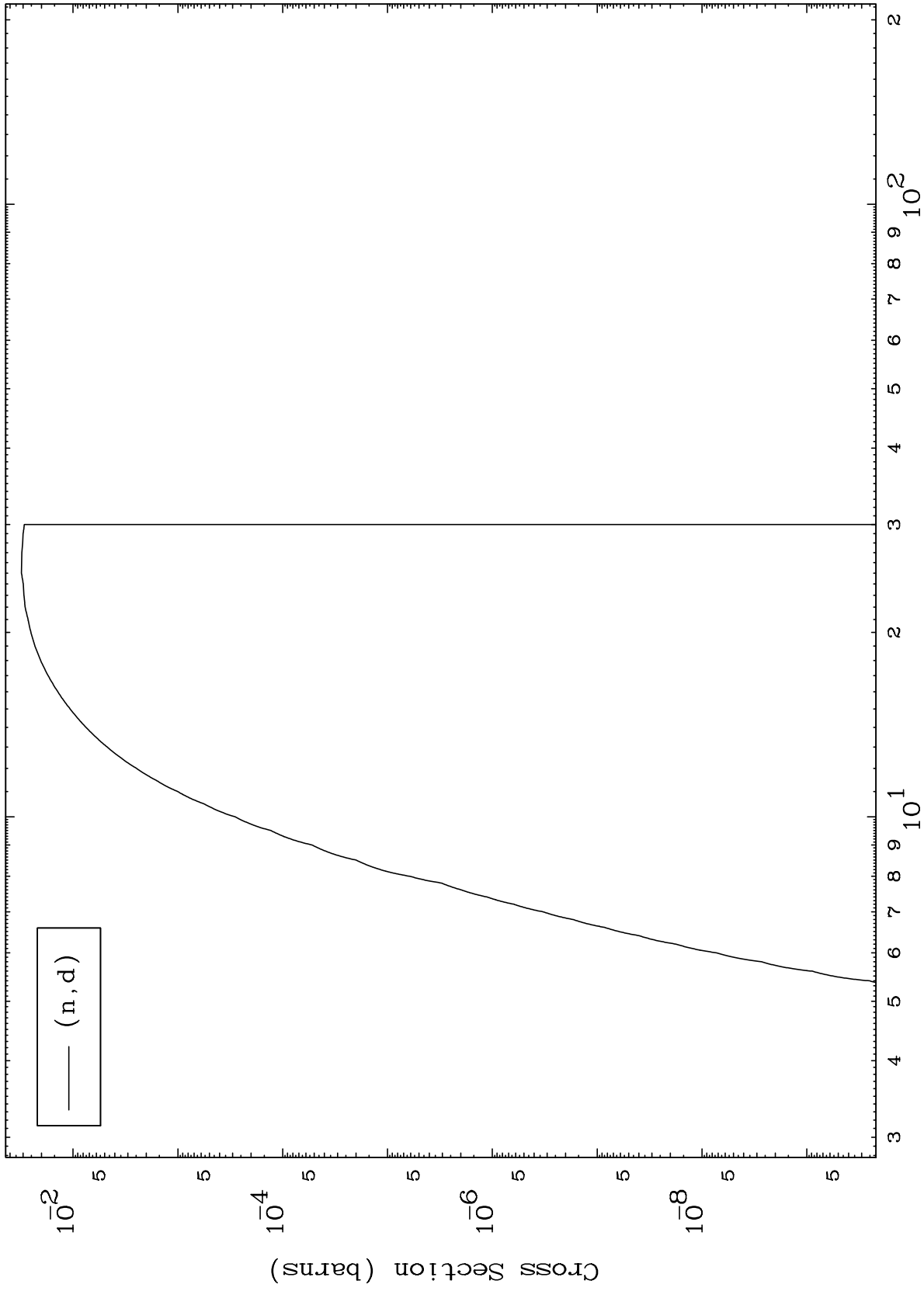
Incident Energy (MeV)

45-Rh-100

MAT 4517

(n,d) Levels
293 Kelvin Cross Sections

45-Rh-100



11

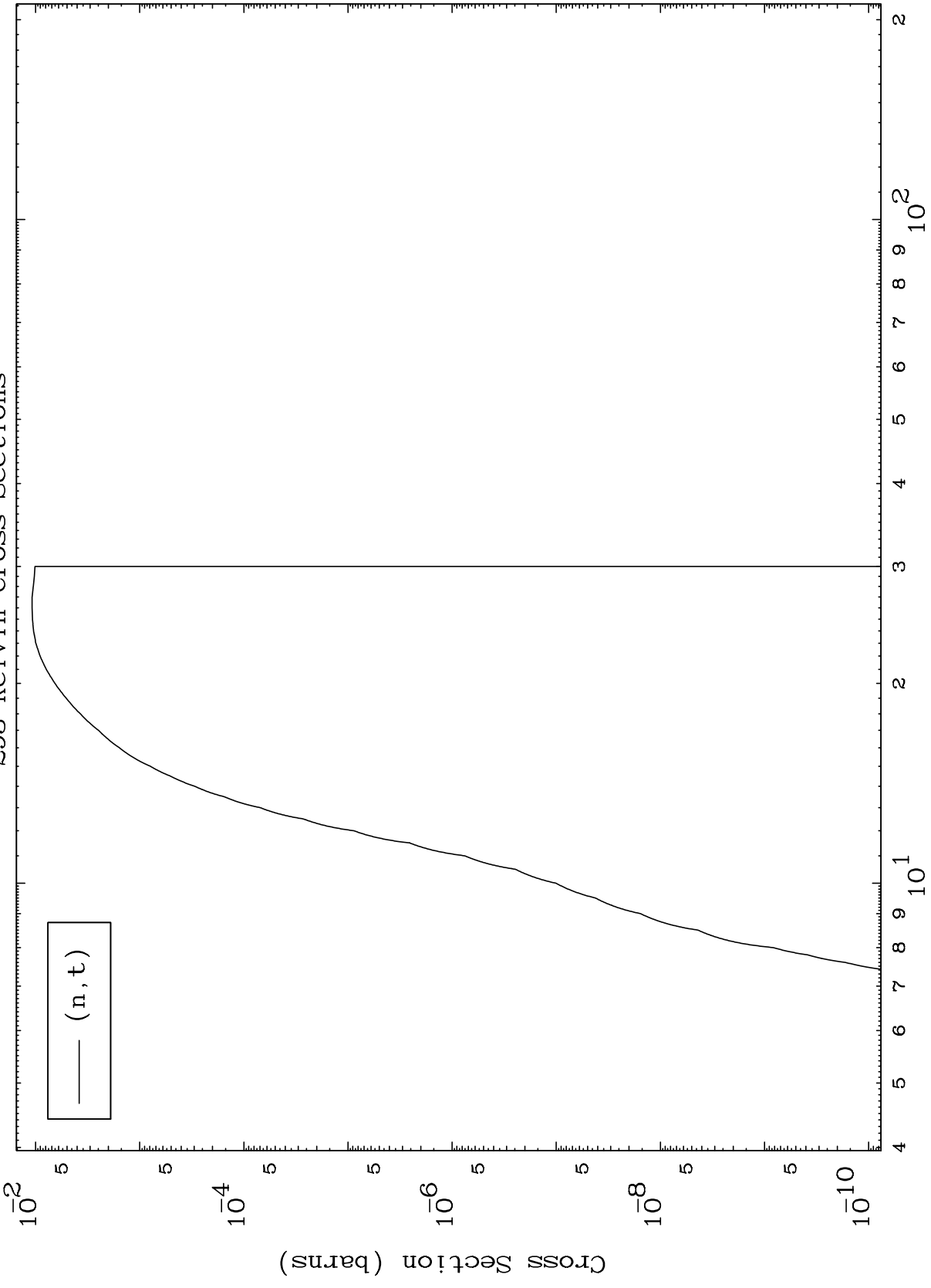
Incident Energy (MeV)

45-Rh-100

MAT 4517

(n,t) Levels
293 Kelvin Cross Sections

45-Rh-100



12

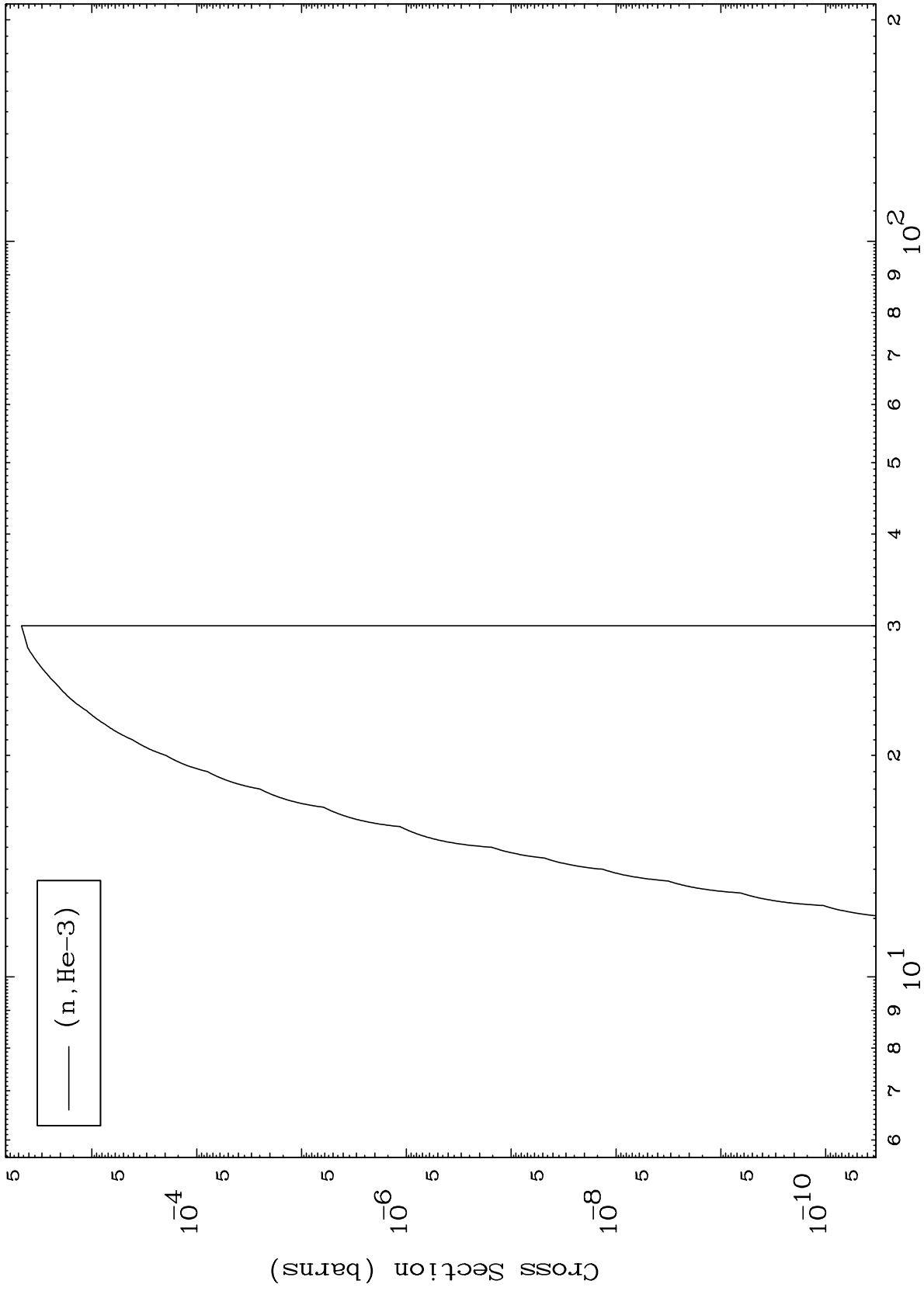
Incident Energy (MeV)

45-Rh-100

MAT 4517

(n,He3) Levels
293 Kelvin Cross Sections

45-Rh-100



13

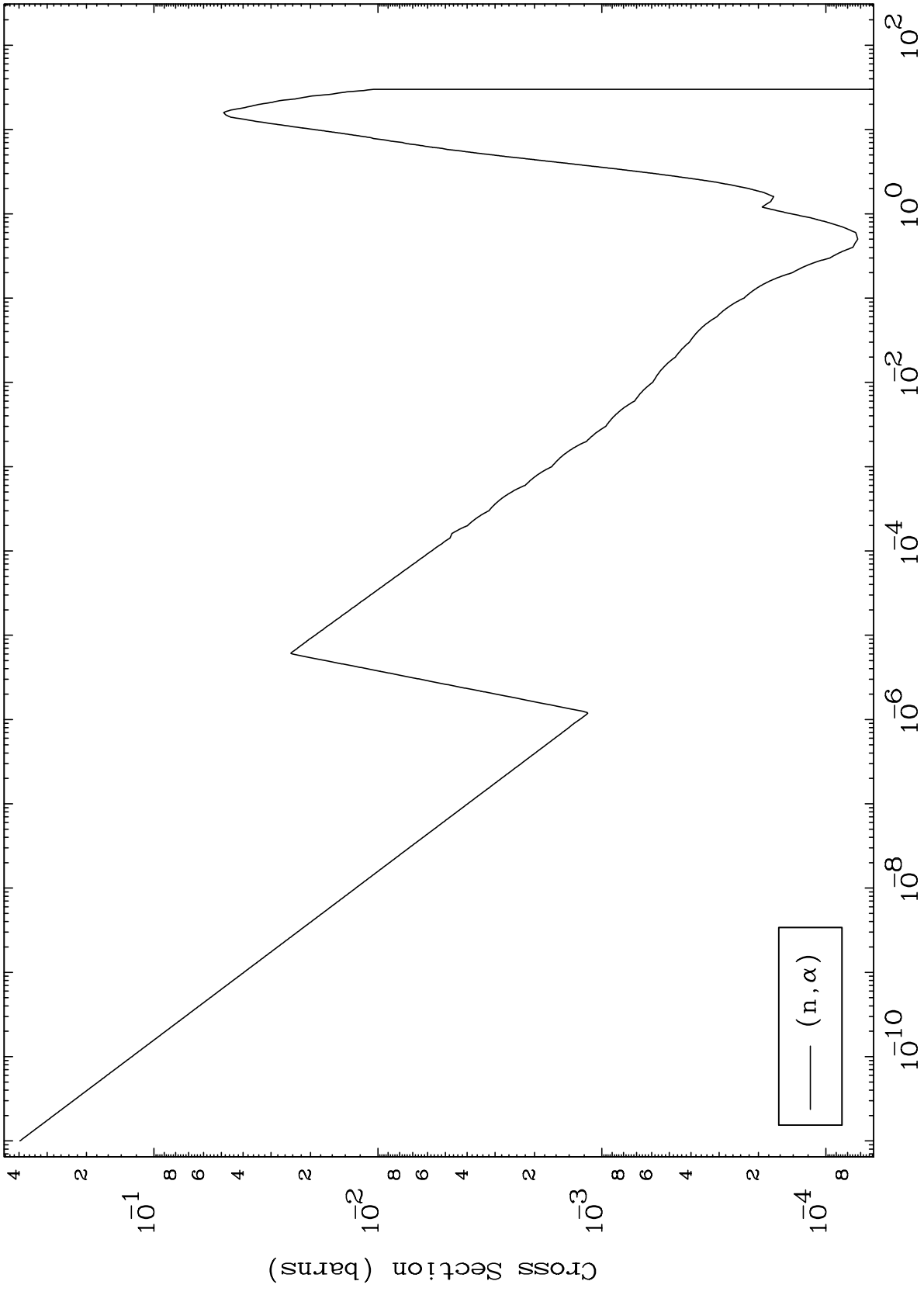
Incident Energy (MeV)

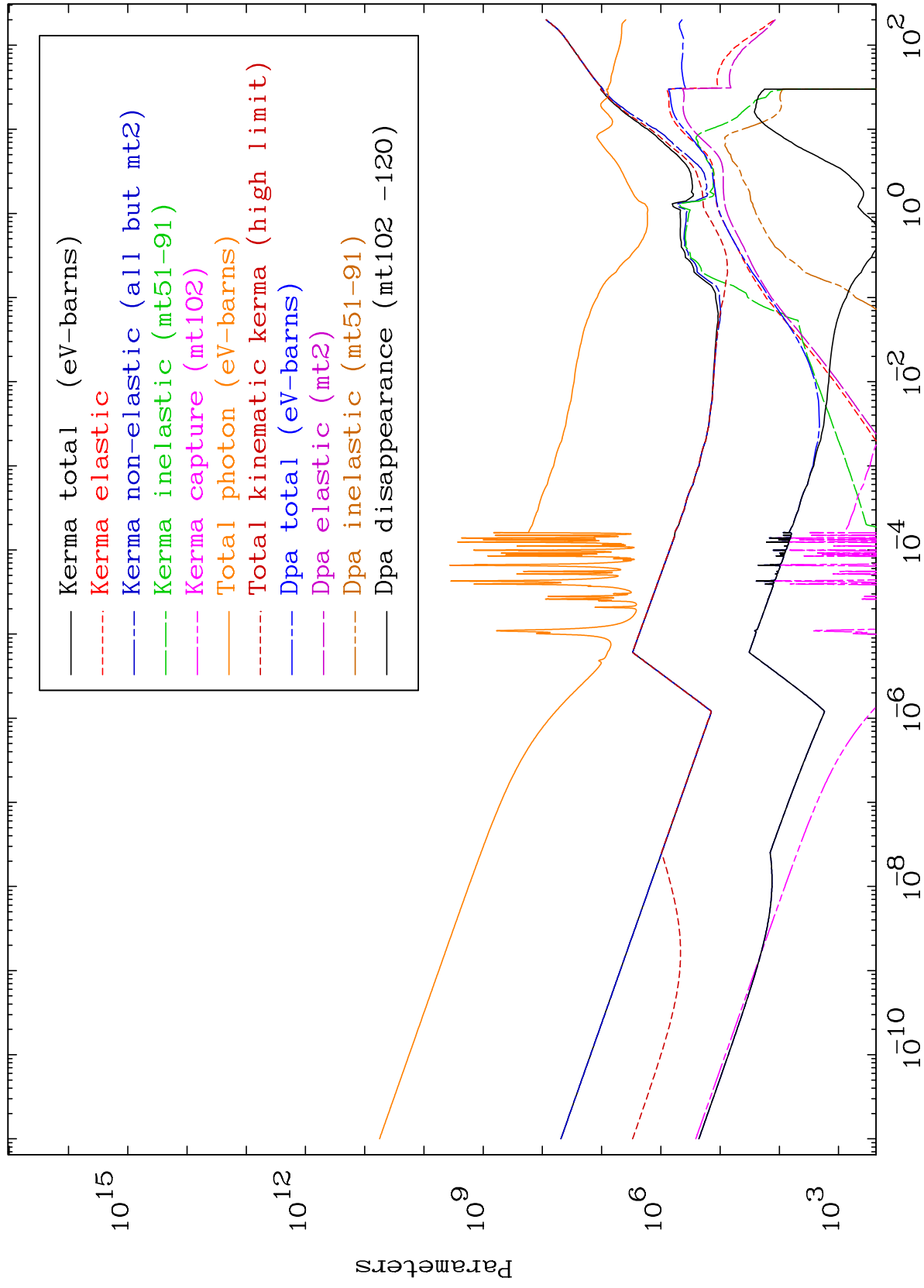
45-Rh-100

MAT 4517

(n,α) Levels
293 Kelvin Cross Sections

45-Rh-100

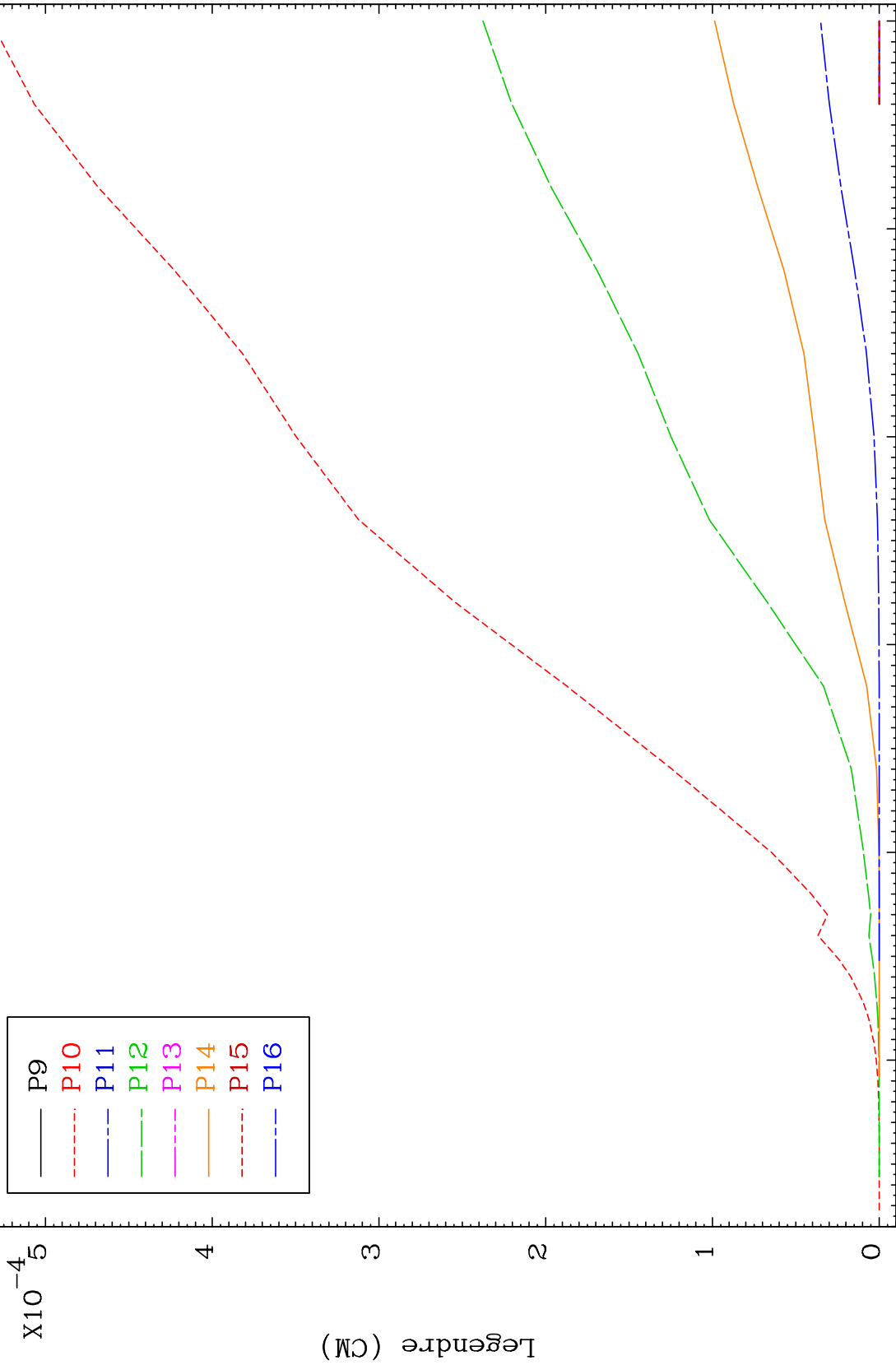
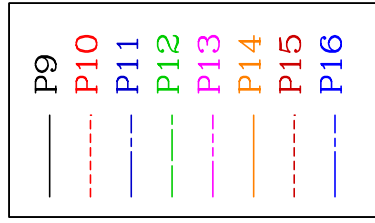




MAT 4517

Elastic Legendre Coefficients

45-Rh-100



17

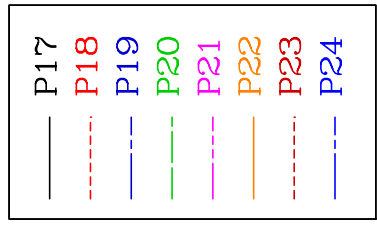
Incident Energy (MeV)

45-Rh-100

MAT 4517

Elastic Legendre Coefficients

45-Rh-100

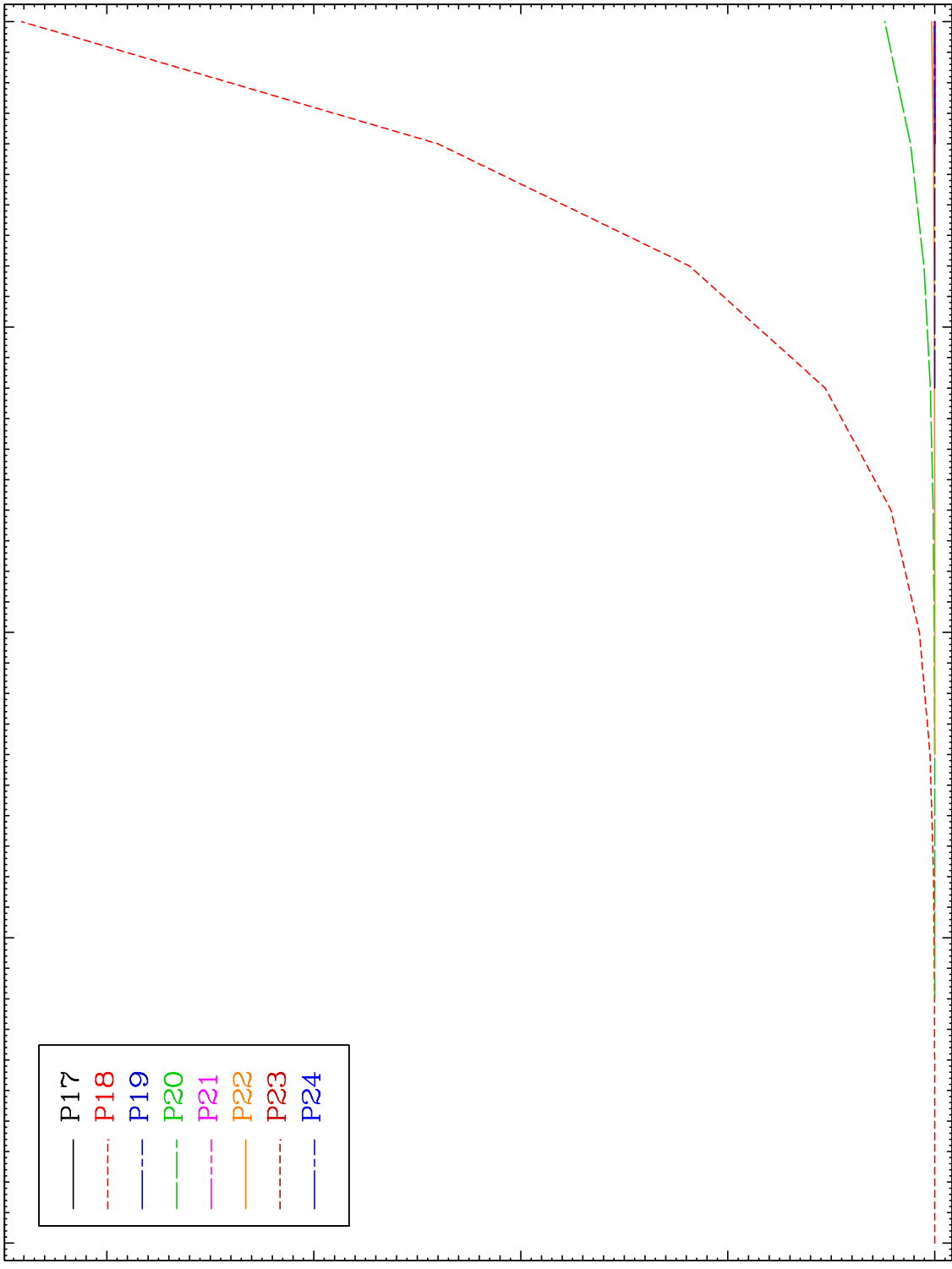


Legendre (CM) $\times 10^{-6}$

18

Incident Energy (MeV)

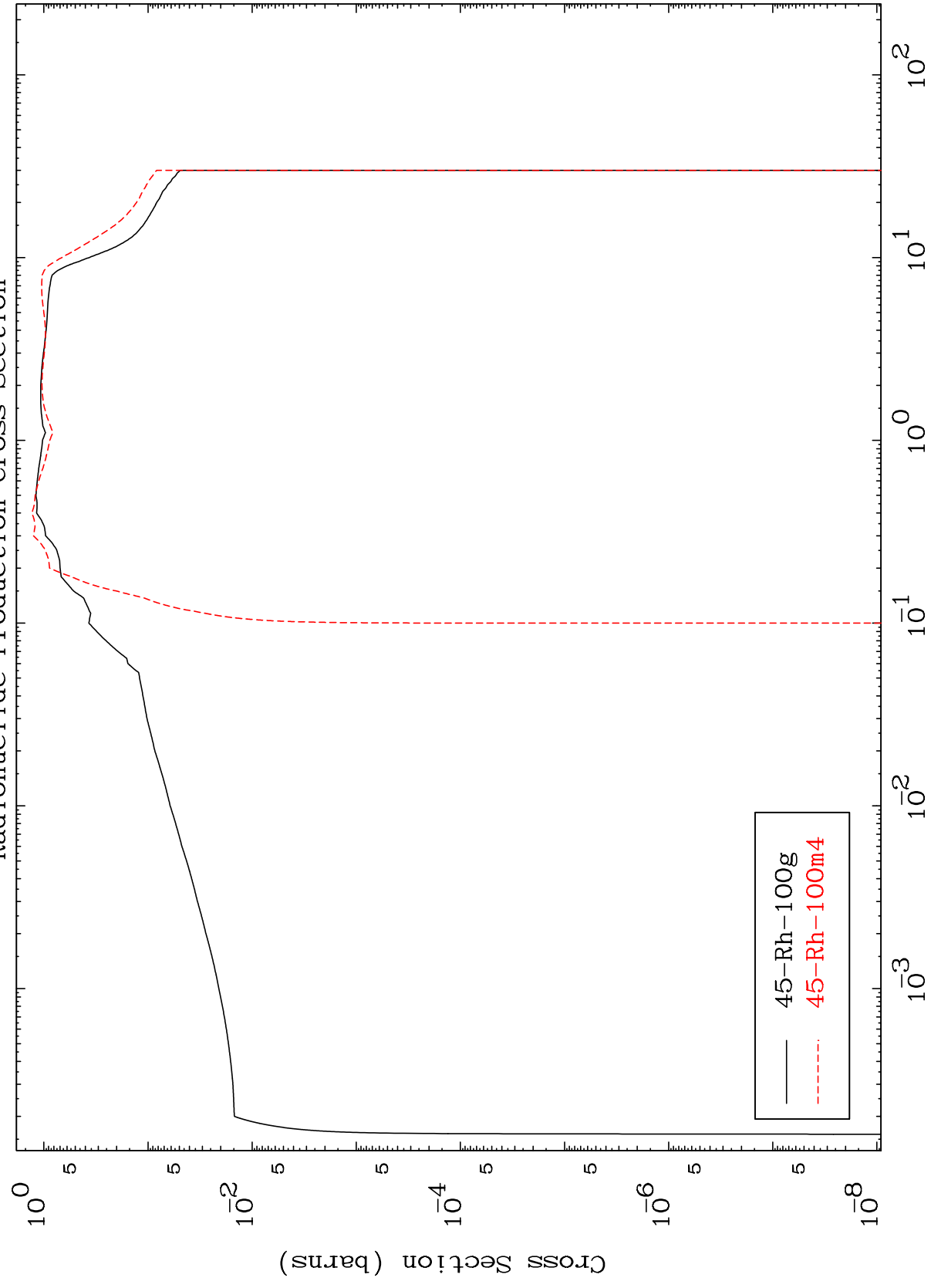
45-Rh-100

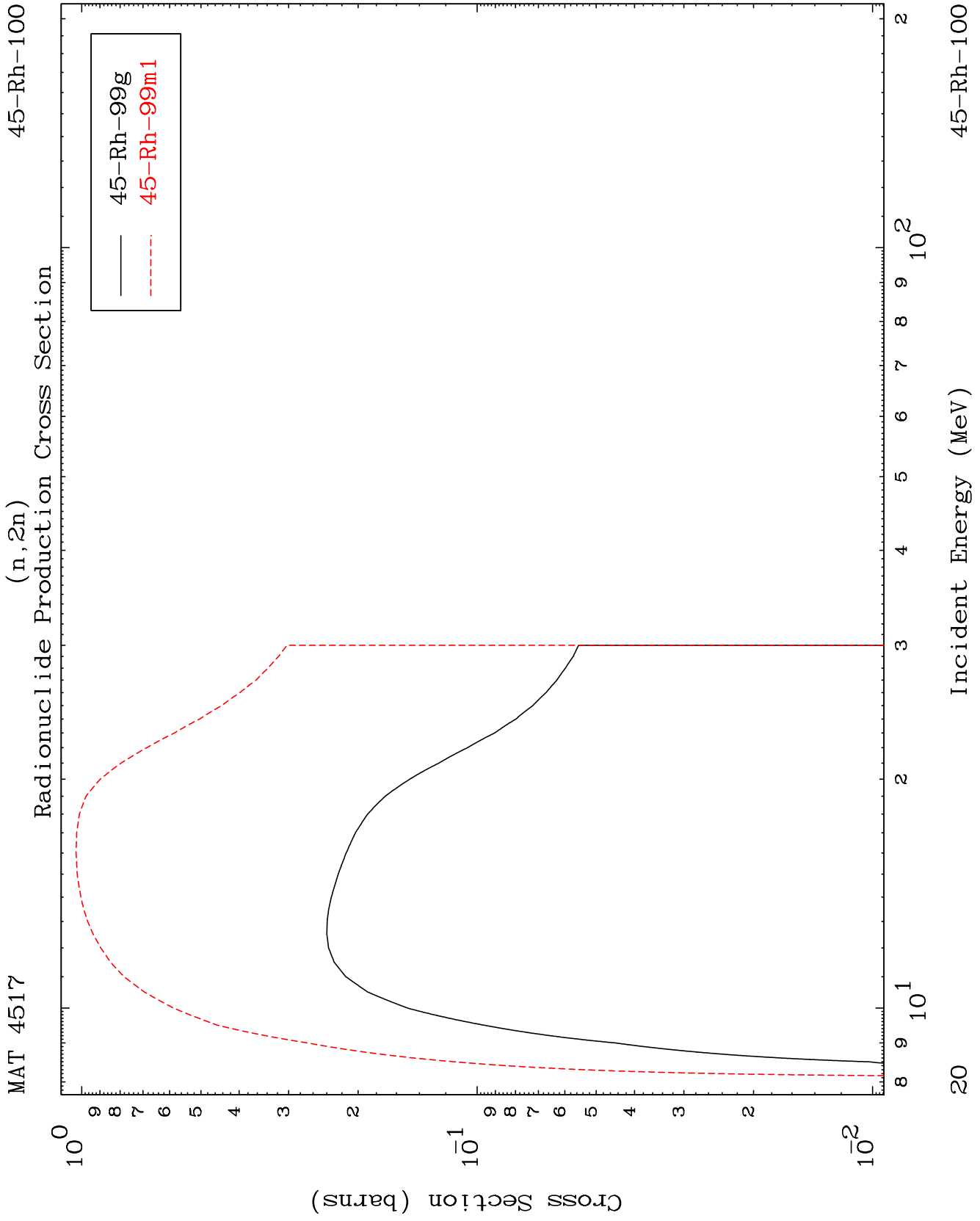


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45-Rh-100

Inelastic
Radionuclide Production Cross Section



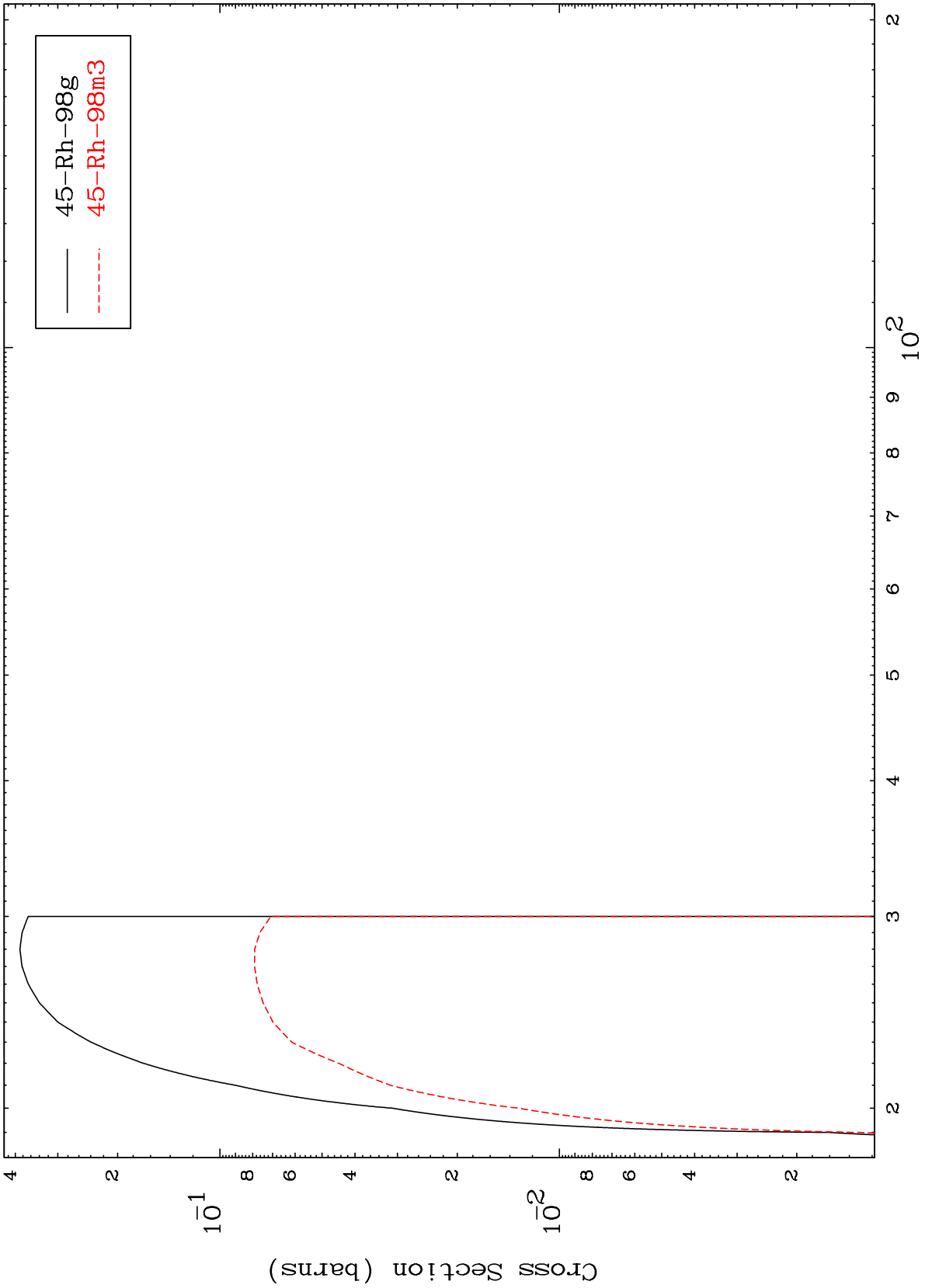


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(n,3n)

45-Rh-100

Radionuclide Production Cross Section



21

Incident Energy (MeV)

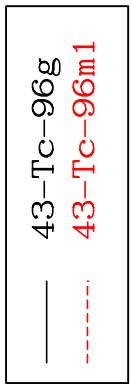
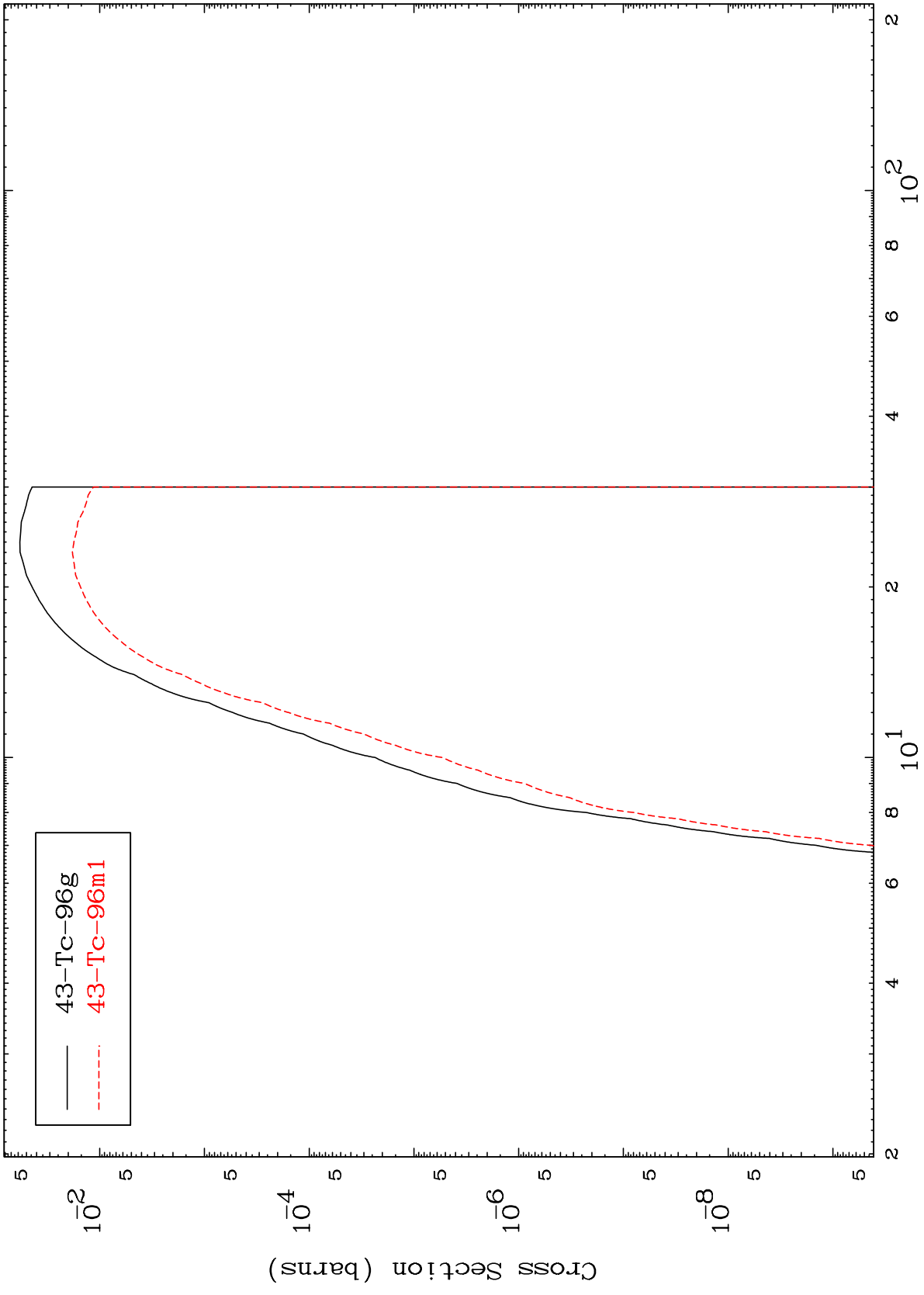
45-Rh-100

MAT 4517

(n,n') α

45-Rh-100

Radionuclide Production Cross Section



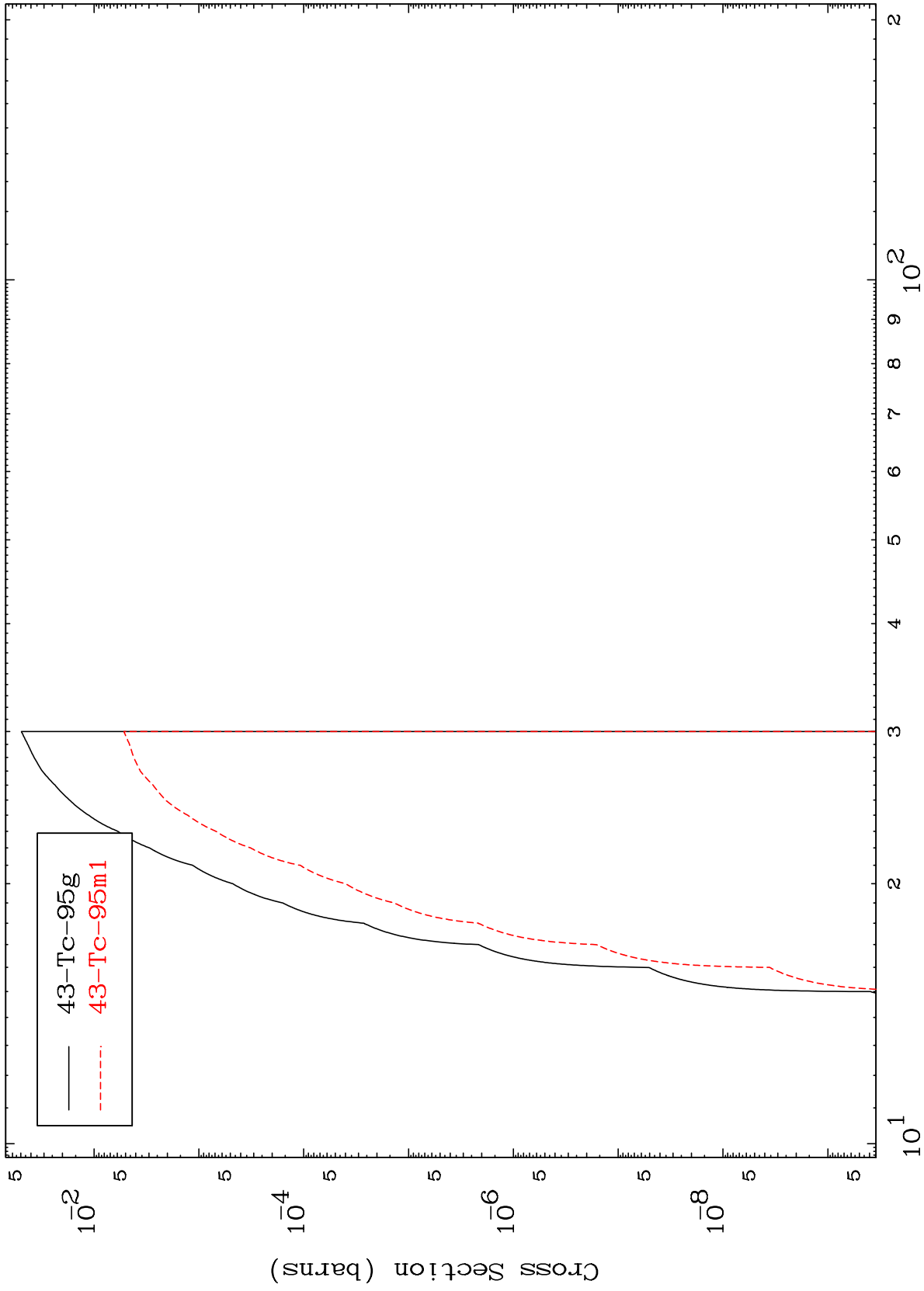
22

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(n,2n) α

45-Rh-100

Radionuclide Production Cross Section



23

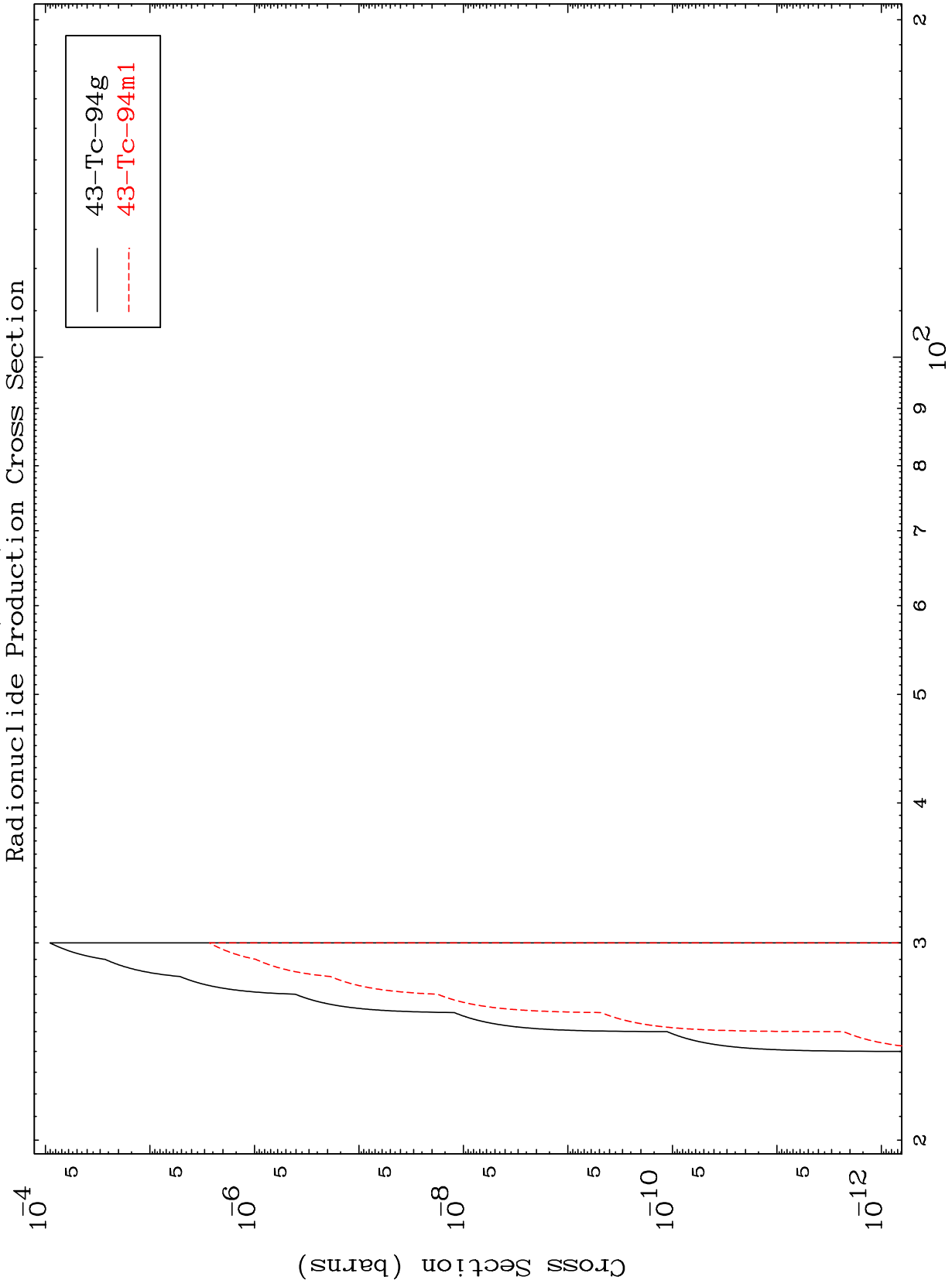
Incident Energy (MeV)

45-Rh-100

MAT 4517

(n,3n) α

45-Rh-100



24

Incident Energy (MeV)

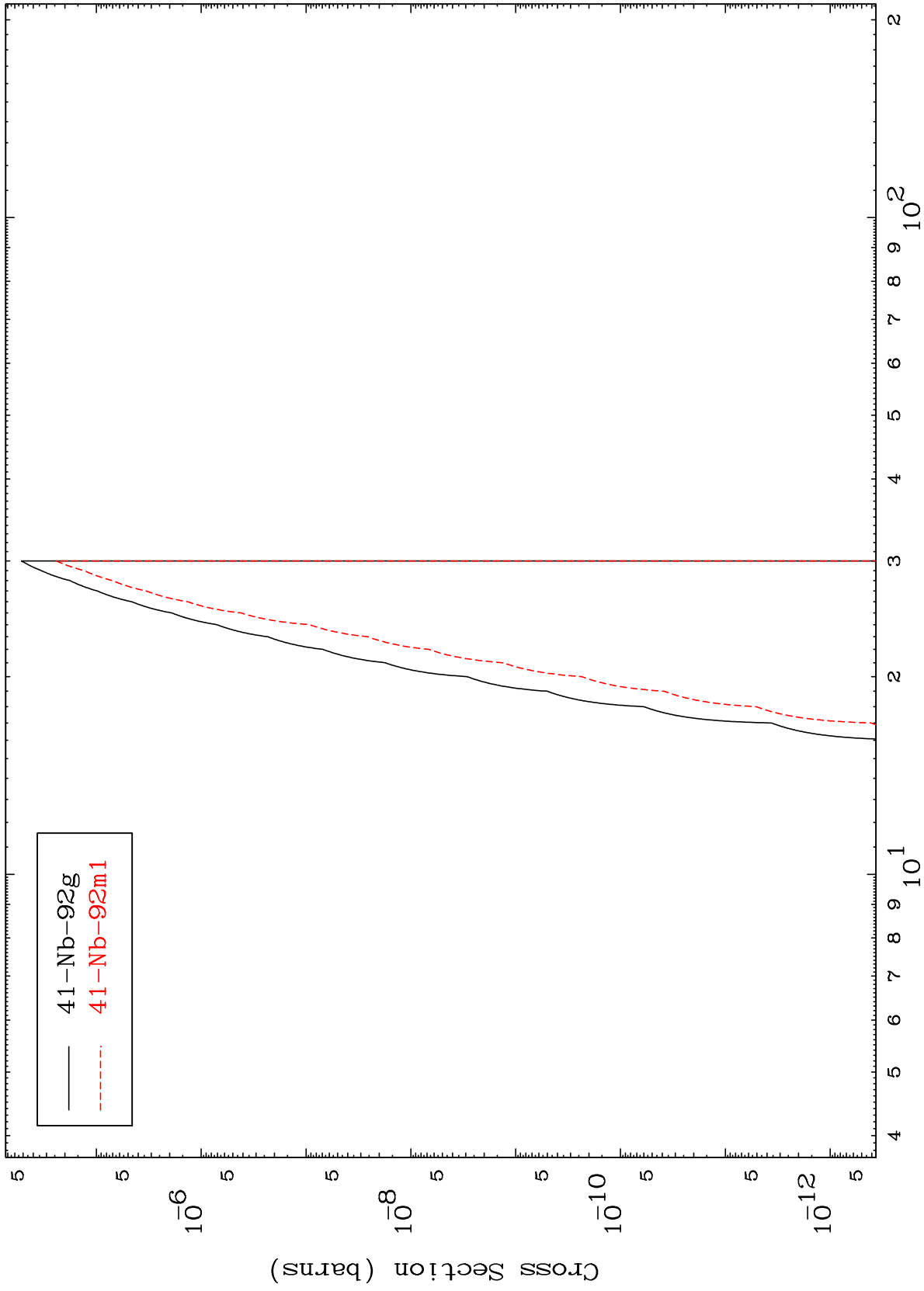
45-Rh-100

MAT 4517

(n,n') 2α

45-Rh-100

Radionuclide Production Cross Section



25

Incident Energy (MeV)

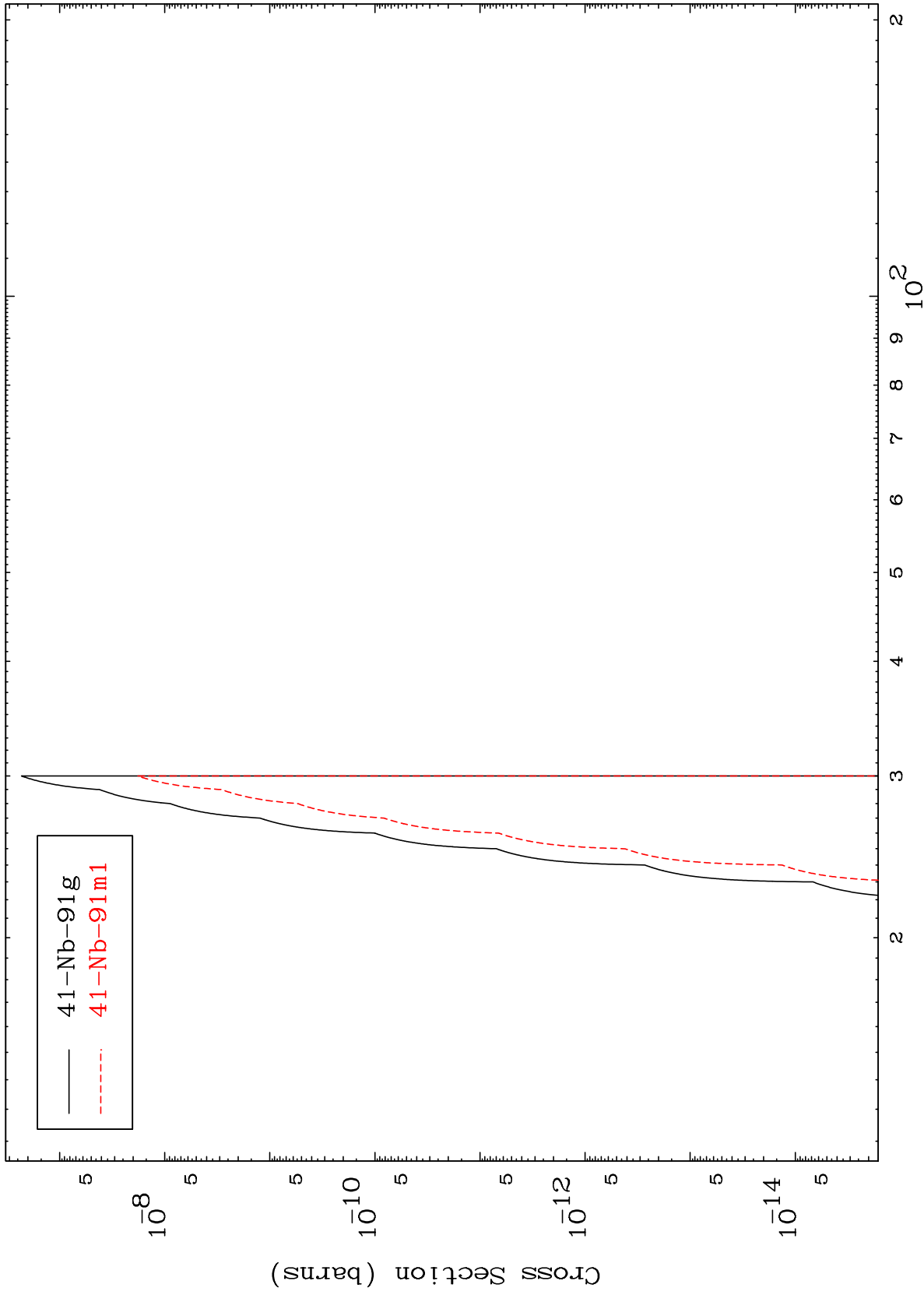
45-Rh-100

MAT 4517

(n,2n) 2 α

45-Rh-100

Radionuclide Production Cross Section



26

Incident Energy (MeV)

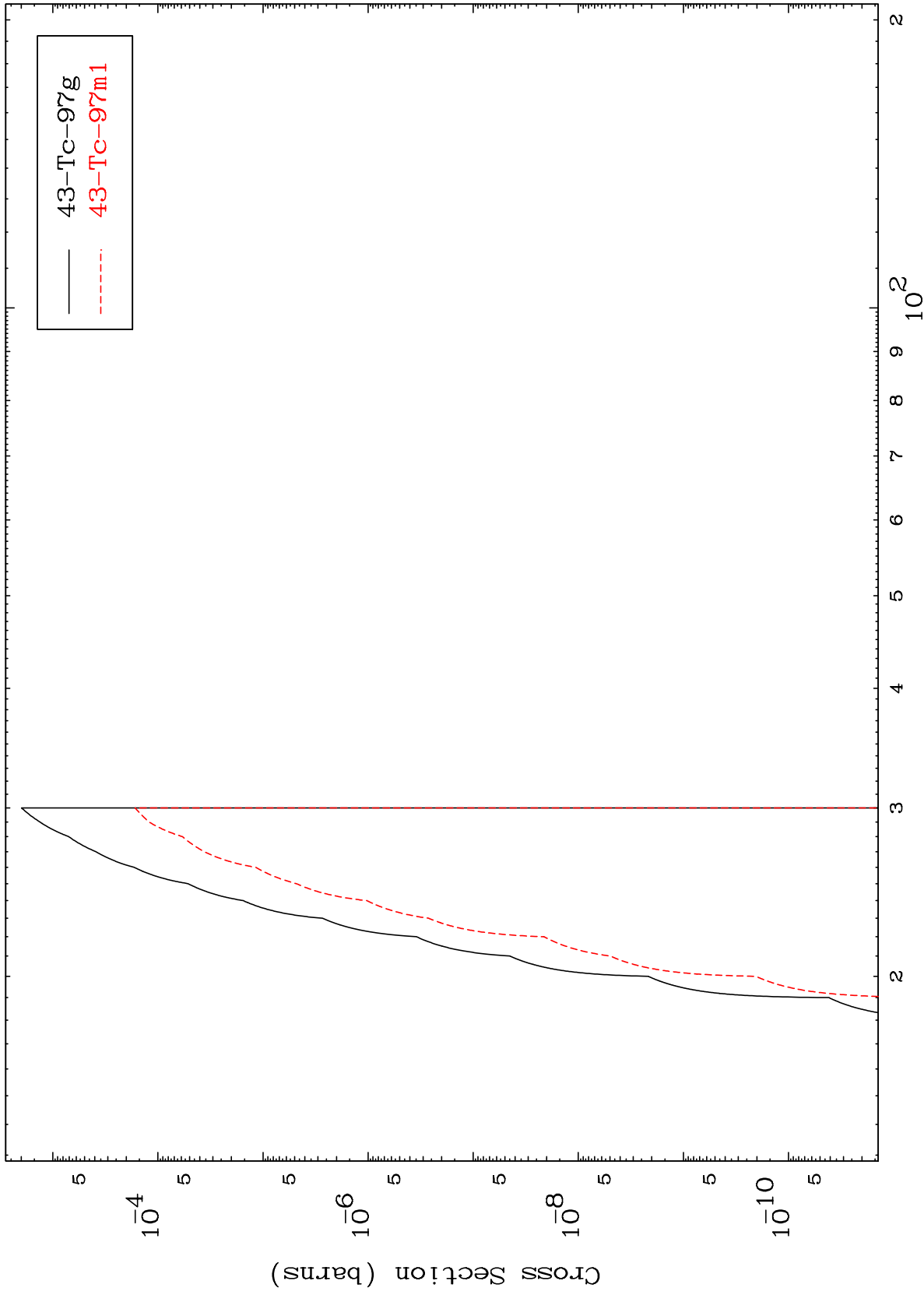
45-Rh-100

MAT 4517

(n, n') He-3

45-Rh-100

Radionuclide Production Cross Section



27

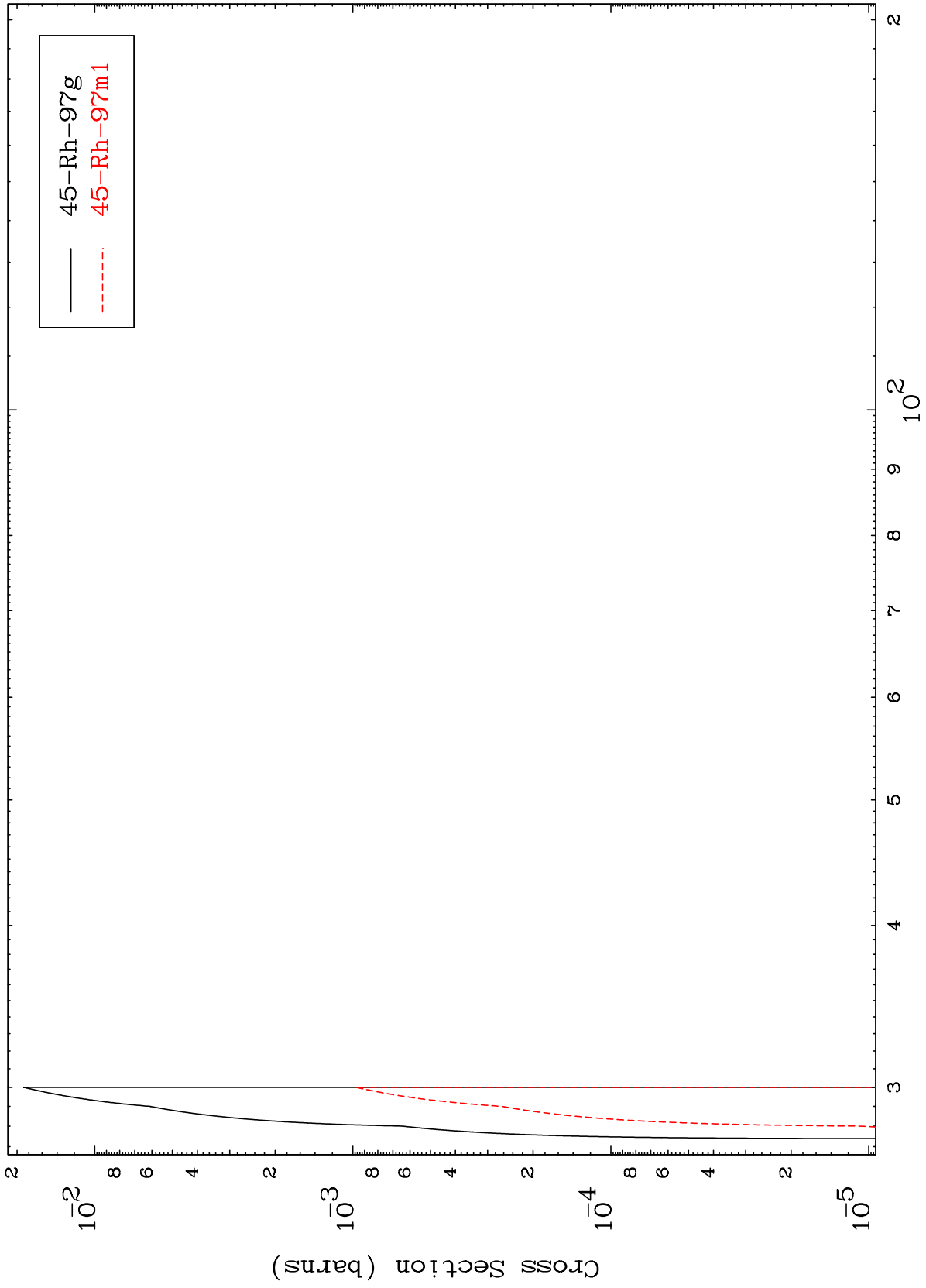
Incident Energy (MeV)

45-Rh-100

MAT 4517

45-Rh-100

(n,4n)
Radionuclide Production Cross Section



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

28

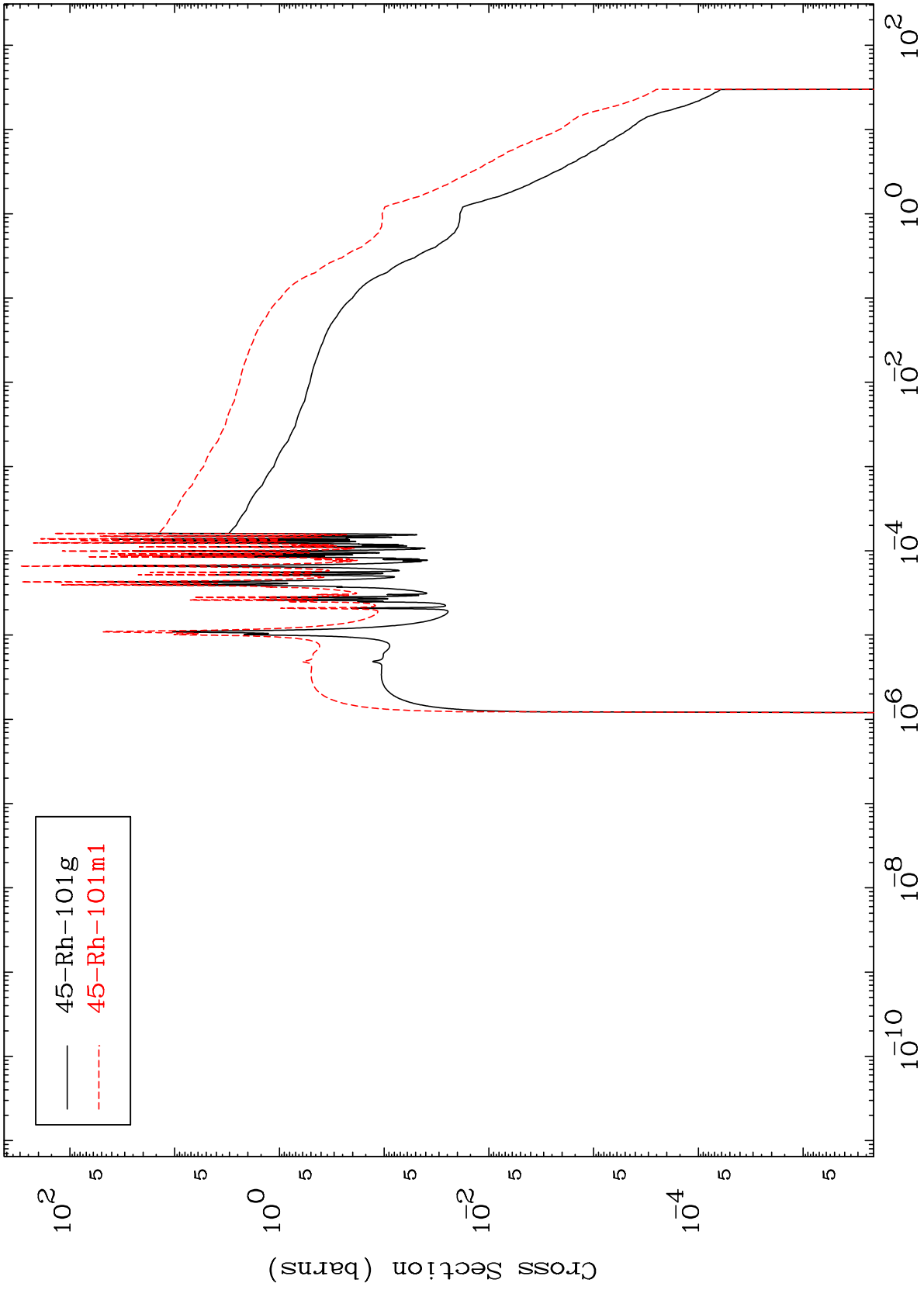
45-Rh-100

Incident Energy (MeV)

MAT 4517

45-Rh-100

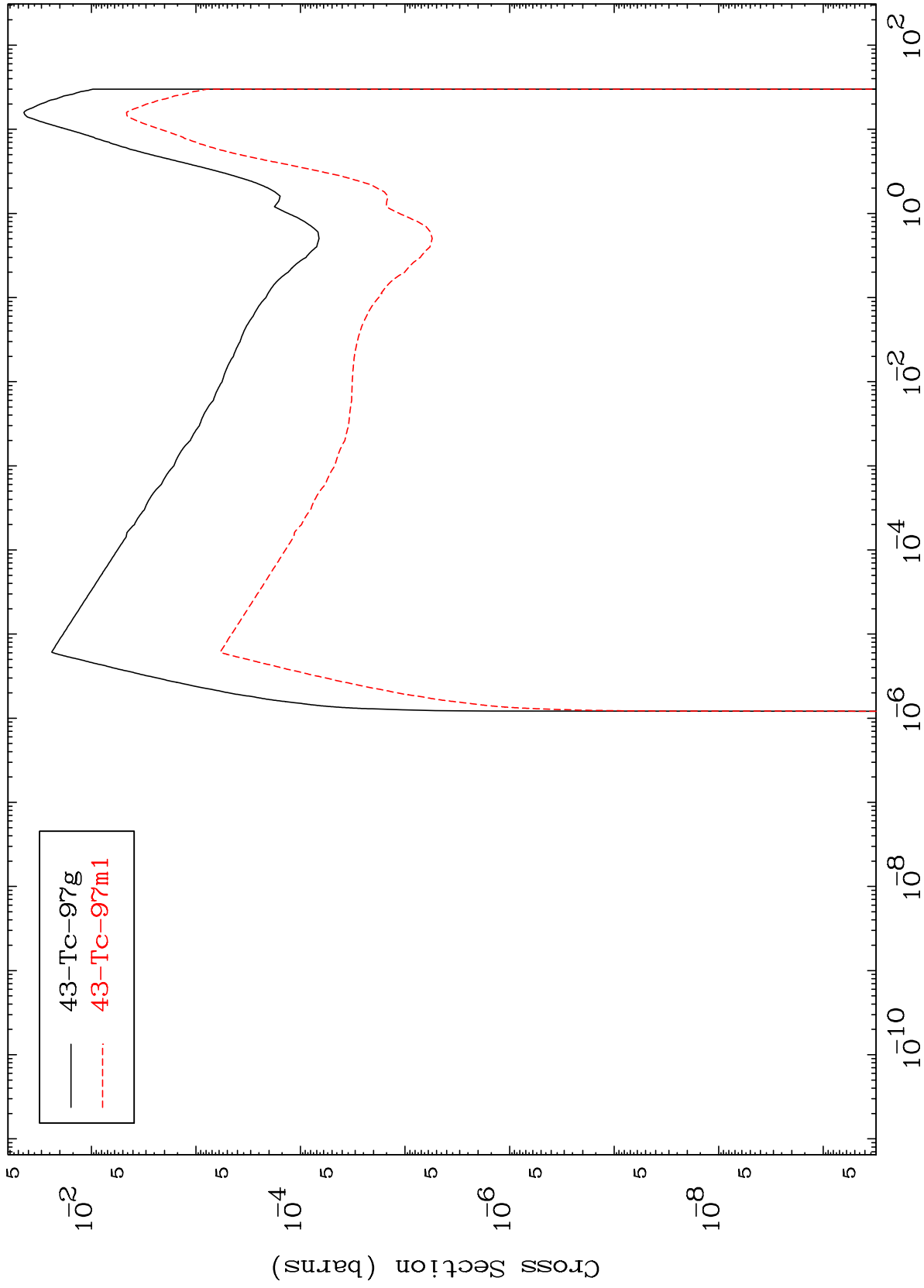
Radionuclide Production Cross Section



MAT 4517

Radionuclide Production Cross Section
(n, α)

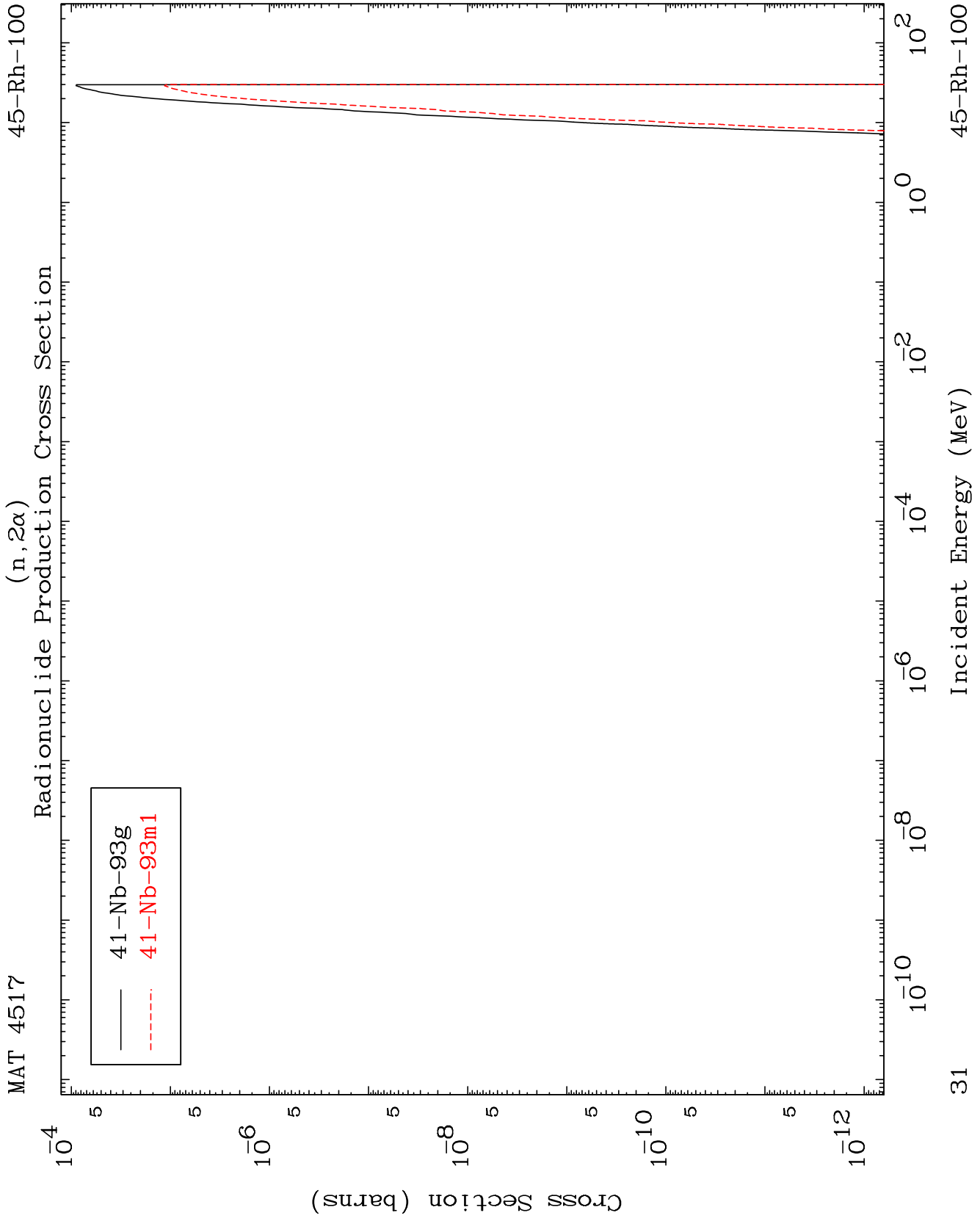
45-Rh-100



30

Incident Energy (MeV)

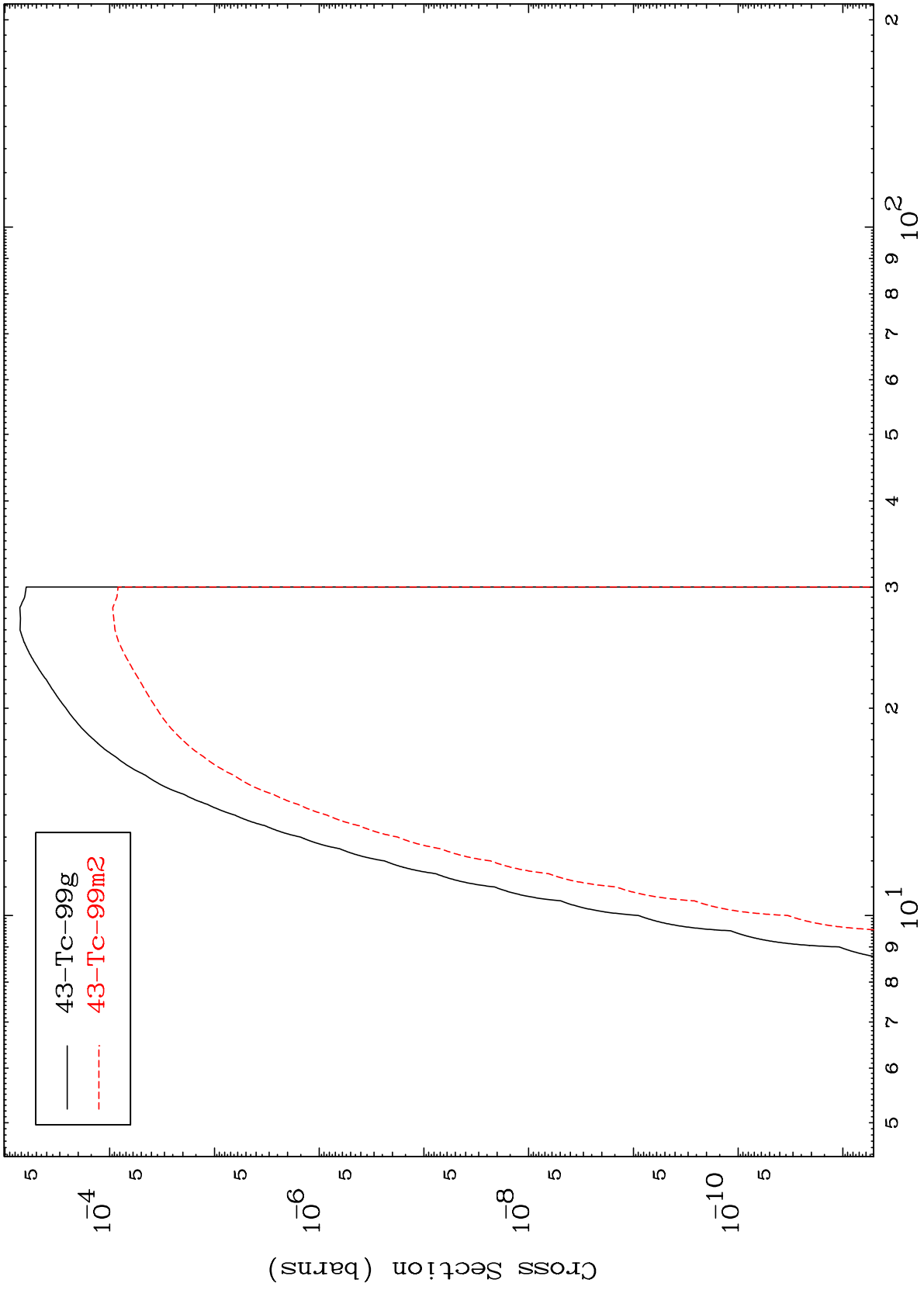
45-Rh-100



MAT 4517

45-Rh-100

(n,2p)
Radionuclide Production Cross Section



32

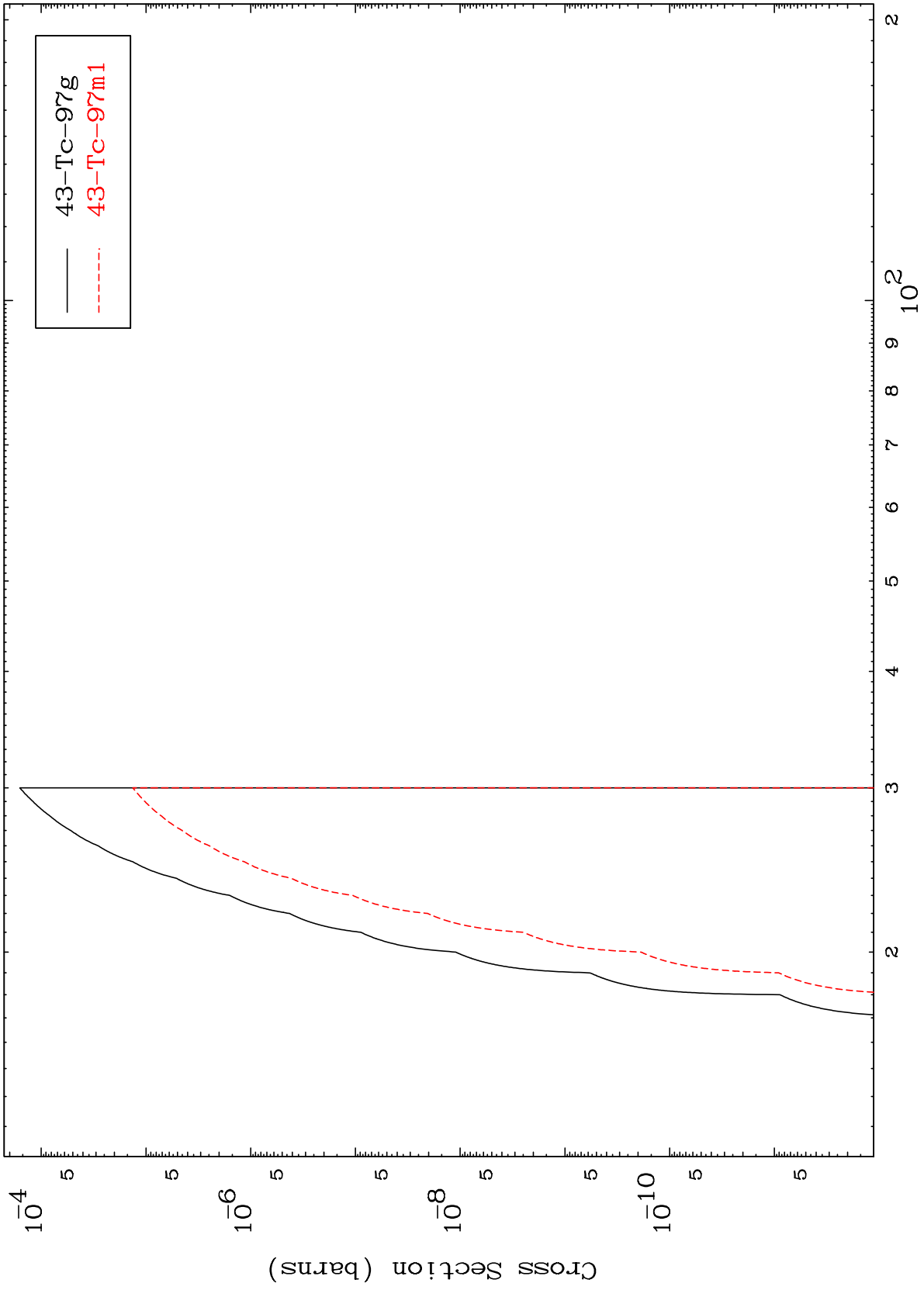
45-Rh-100

MAT 4517

(n,p) t

45-Rh-100

Radionuclide Production Cross Section



33

Incident Energy (MeV)

45-Rh-100