

Program EVALPLOT
(Version 2018-1)

by

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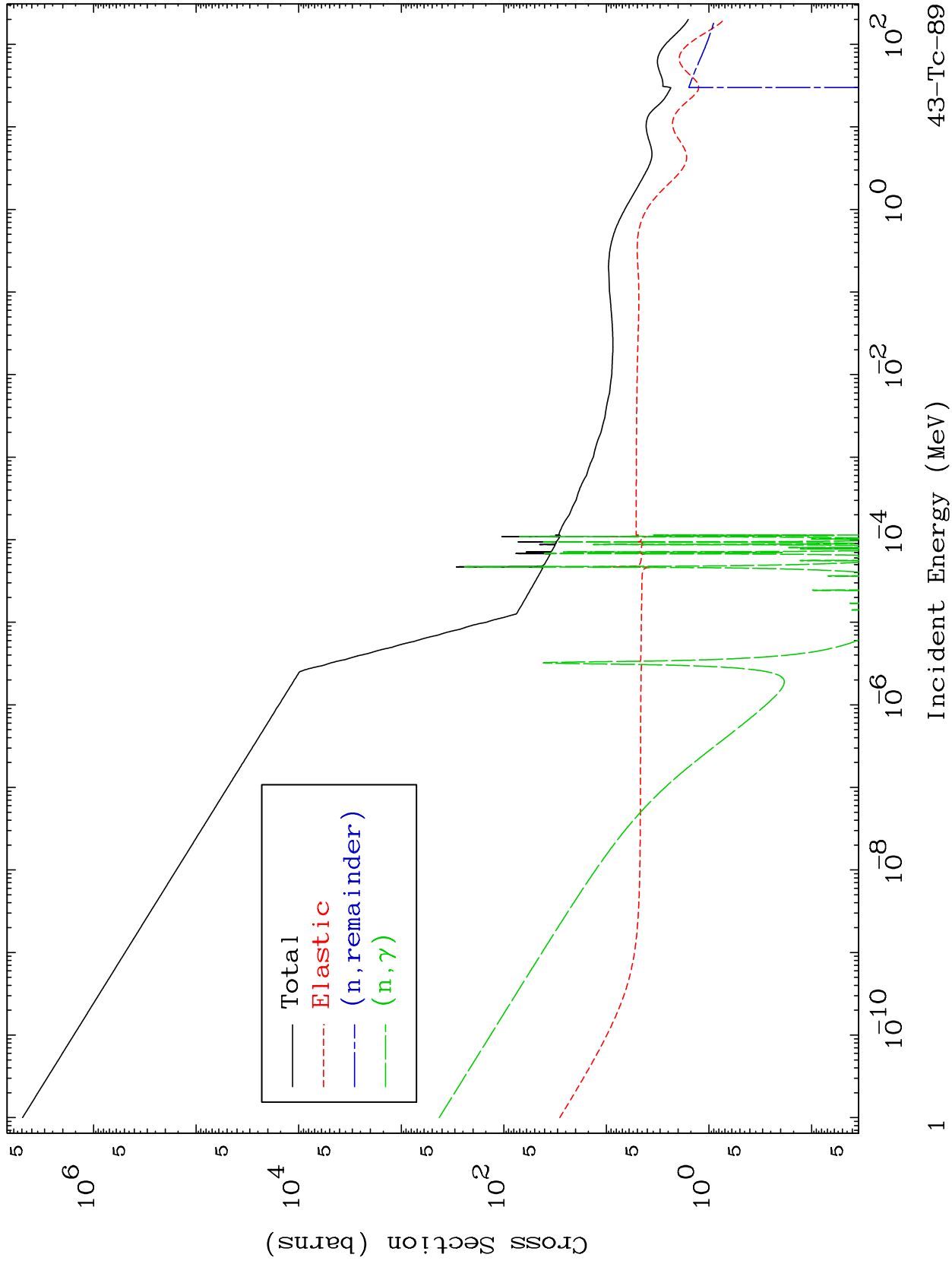
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4296

Major
293 Kelvin Cross Sections

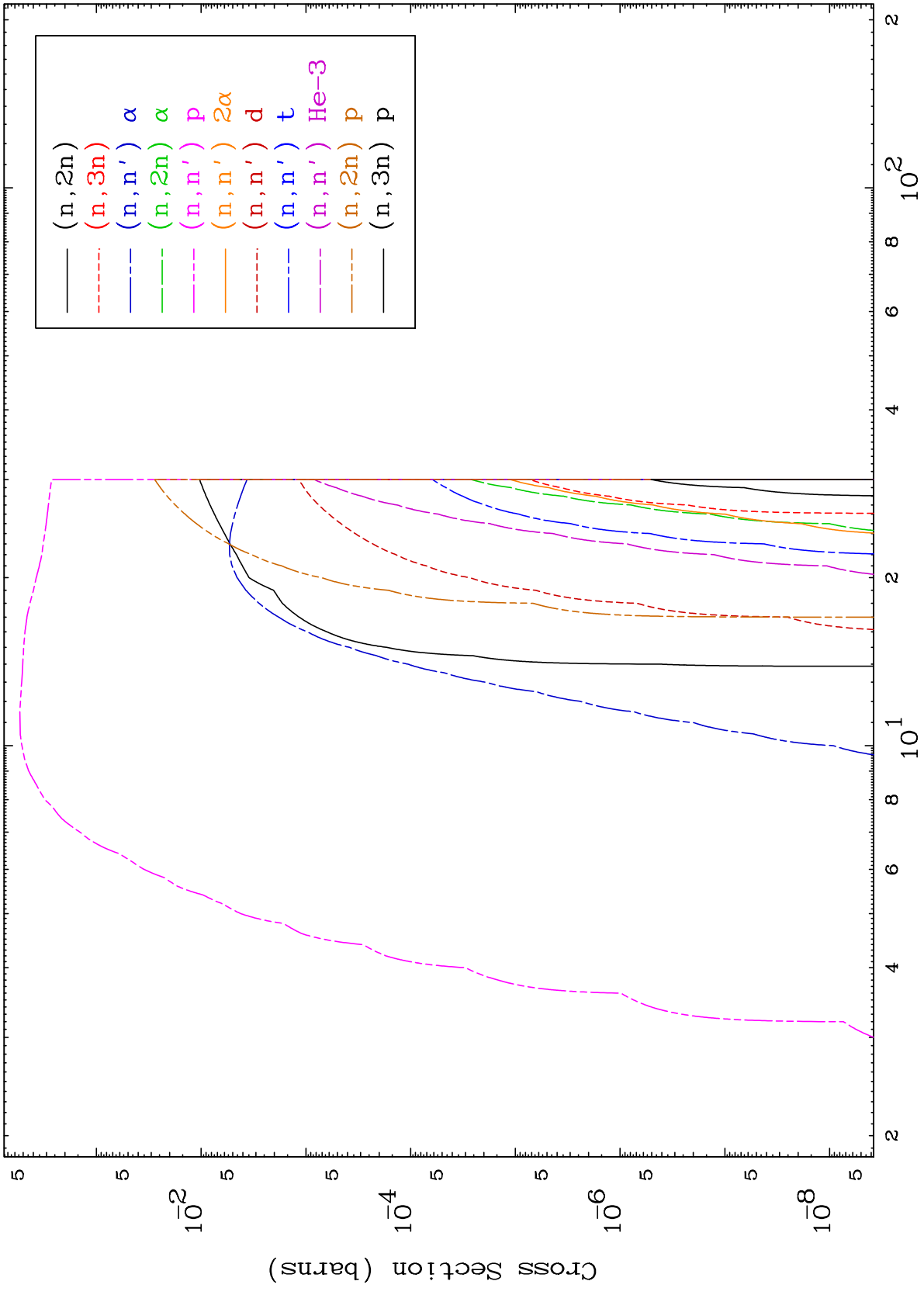
43-Tc-89



MAT 4296

Neutron Production 293 Kelvin Cross Sections

43-Tc-89



2

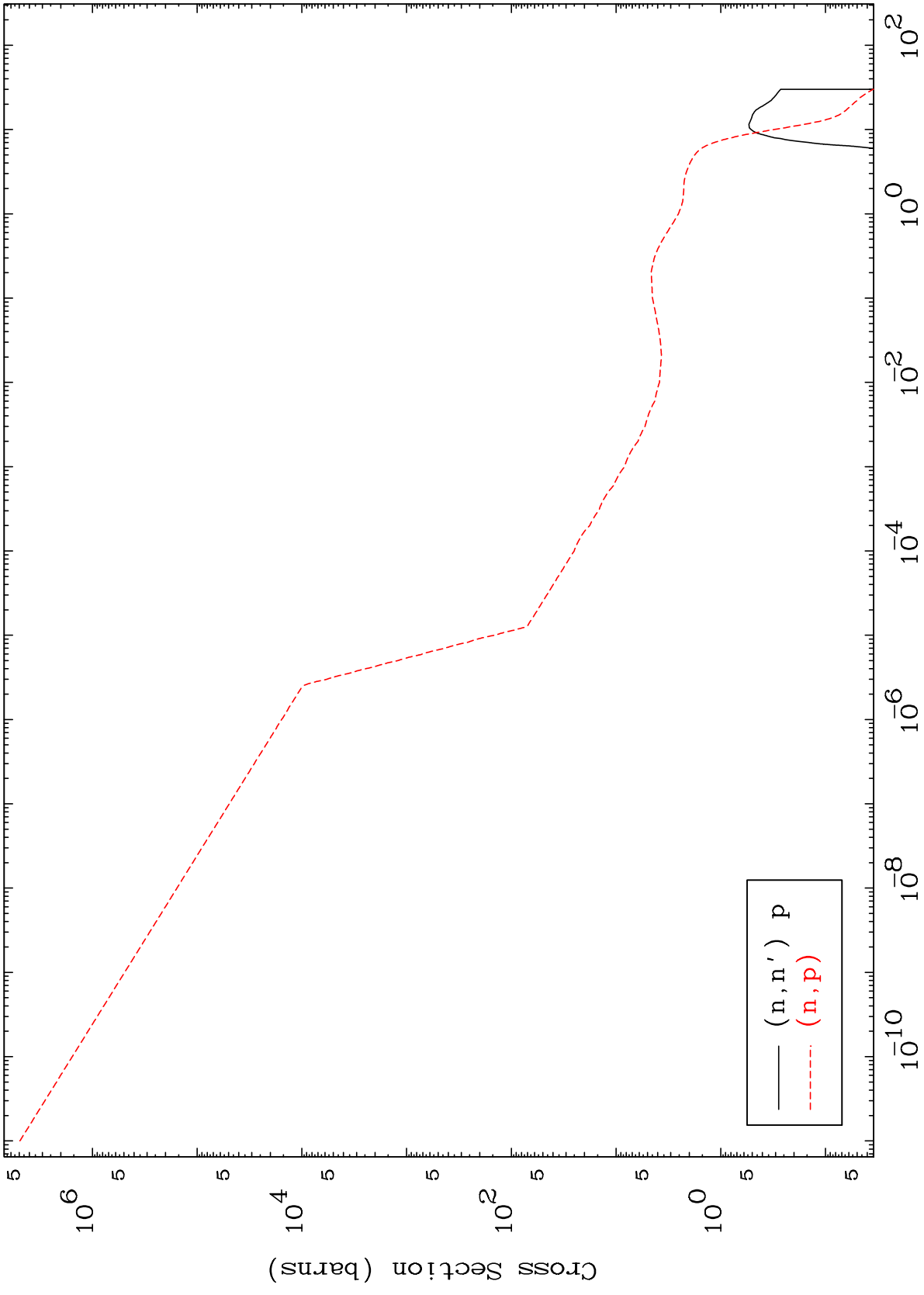
Incident Energy (MeV)

43-Tc-89

MAT 4296

Charged Particle
293 Kelvin Cross Sections

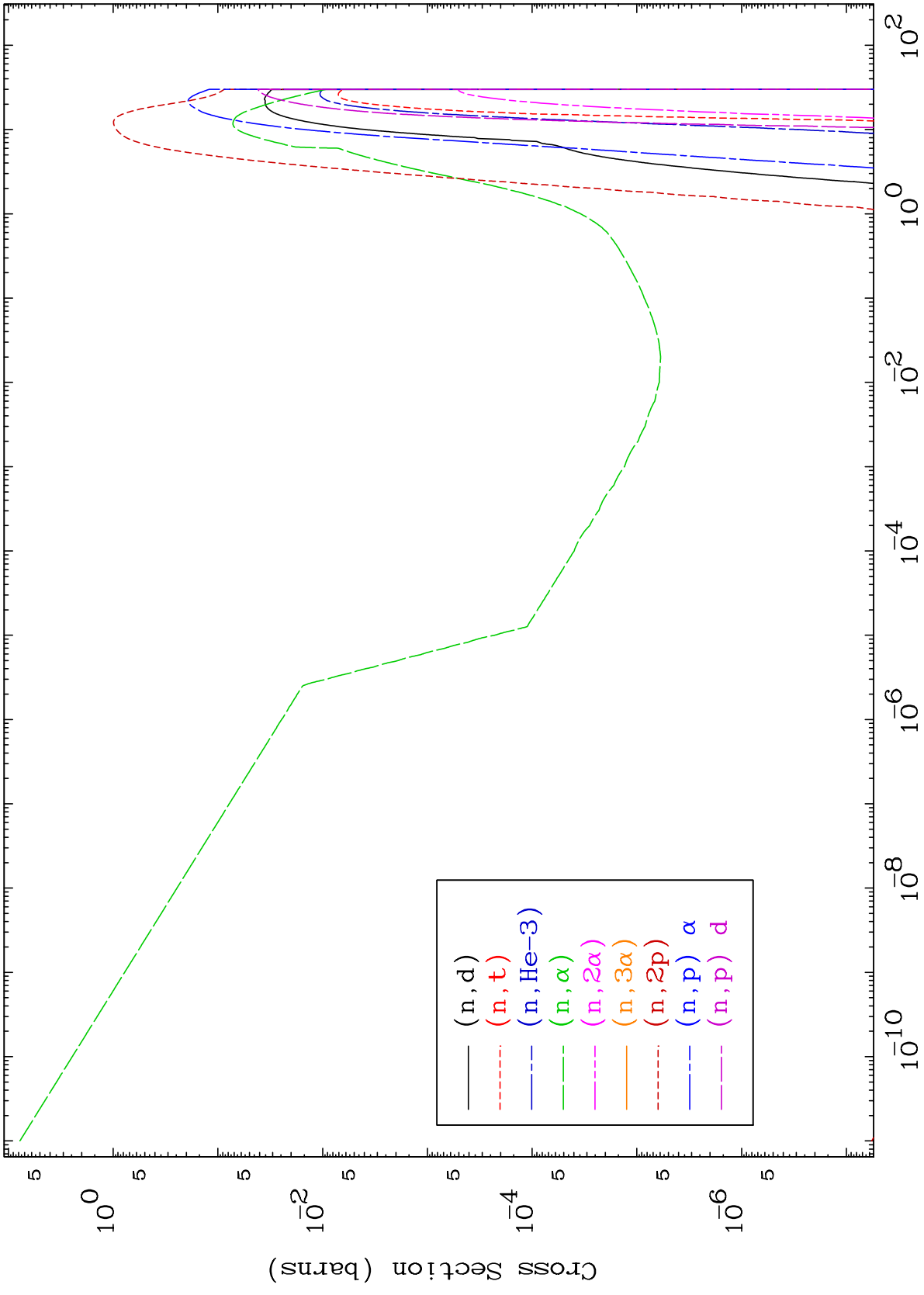
43-Tc-89

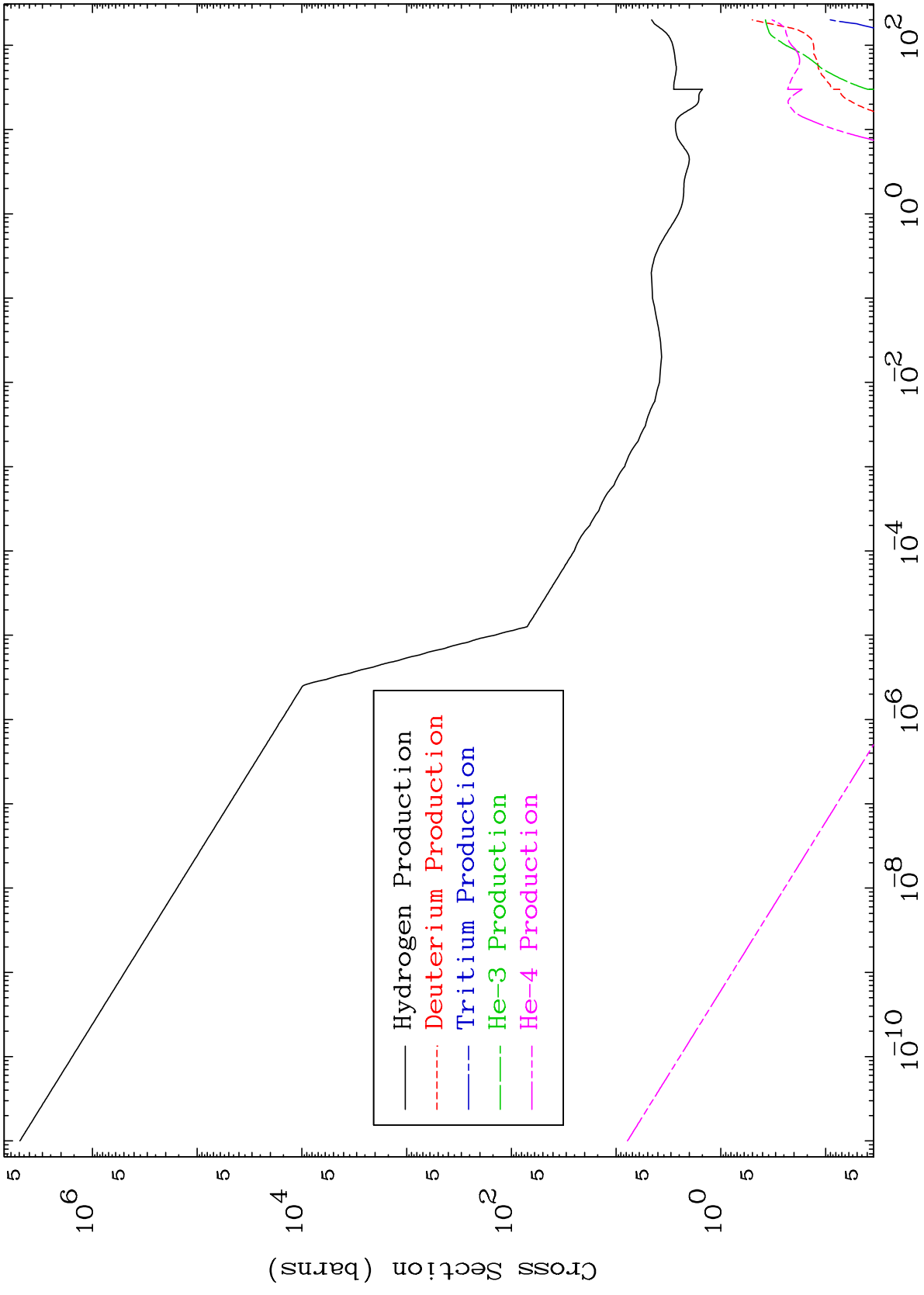


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Charged Particle
293 Kelvin Cross Sections

43-Tc-89

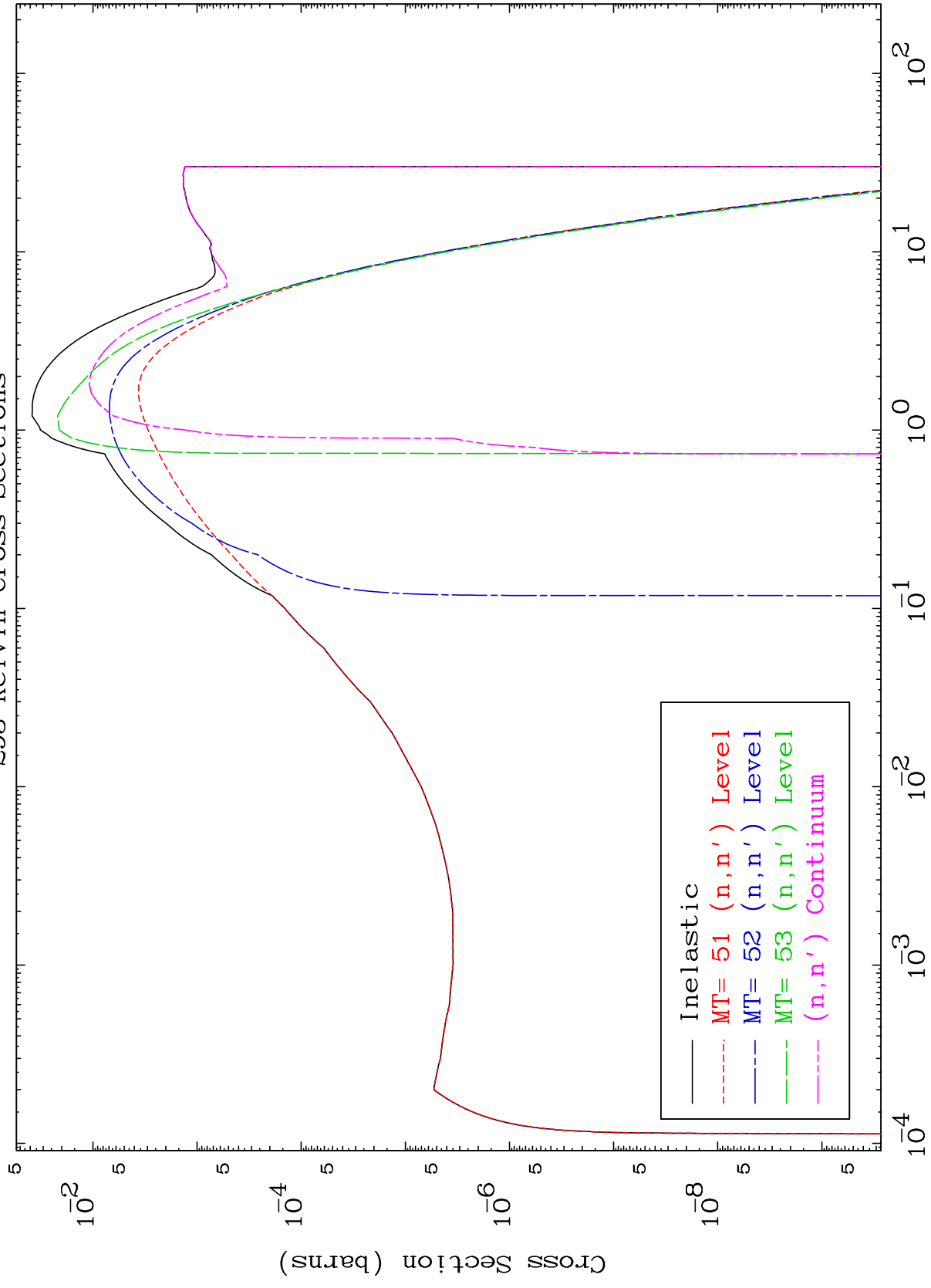




MAT 4296

(n,n') Level
293 Kelvin Cross Sections

43-Tc-89



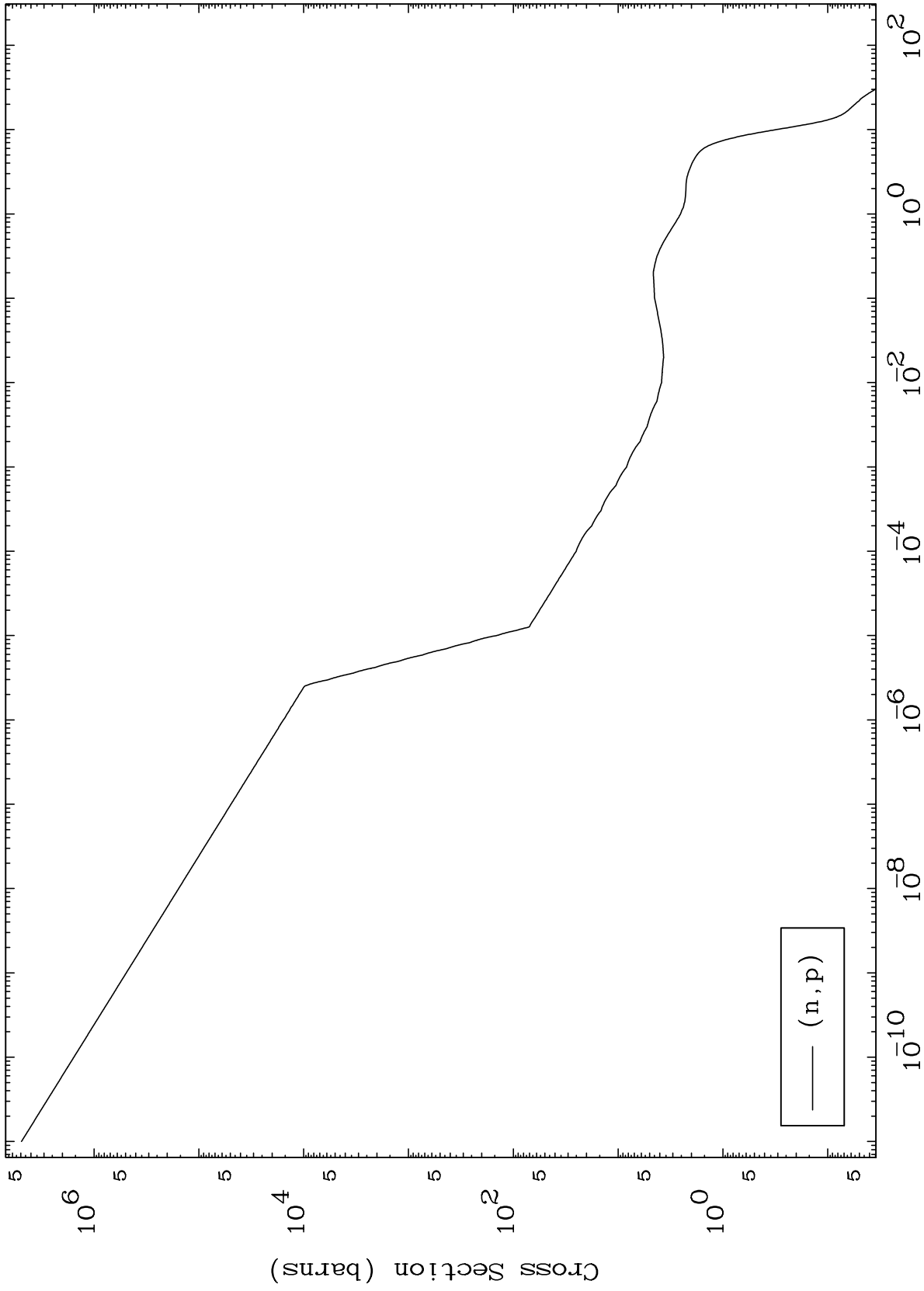
6

43-Tc-89

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(n,p) Levels
293 Kelvin Cross Sections

43-Tc-89



7

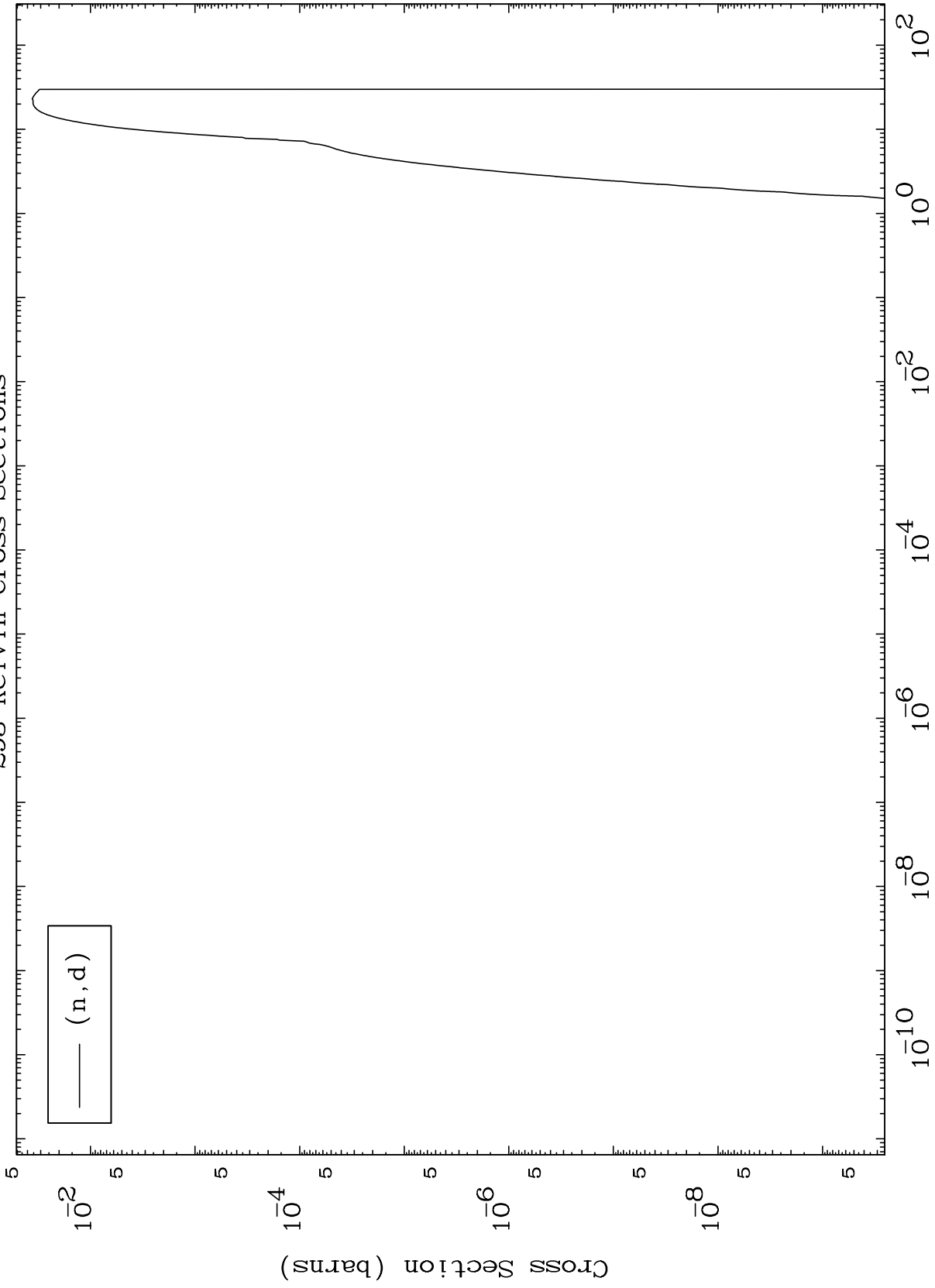
Incident Energy (MeV)

43-Tc-89

MAT 4296

(n,d) Levels
293 Kelvin Cross Sections

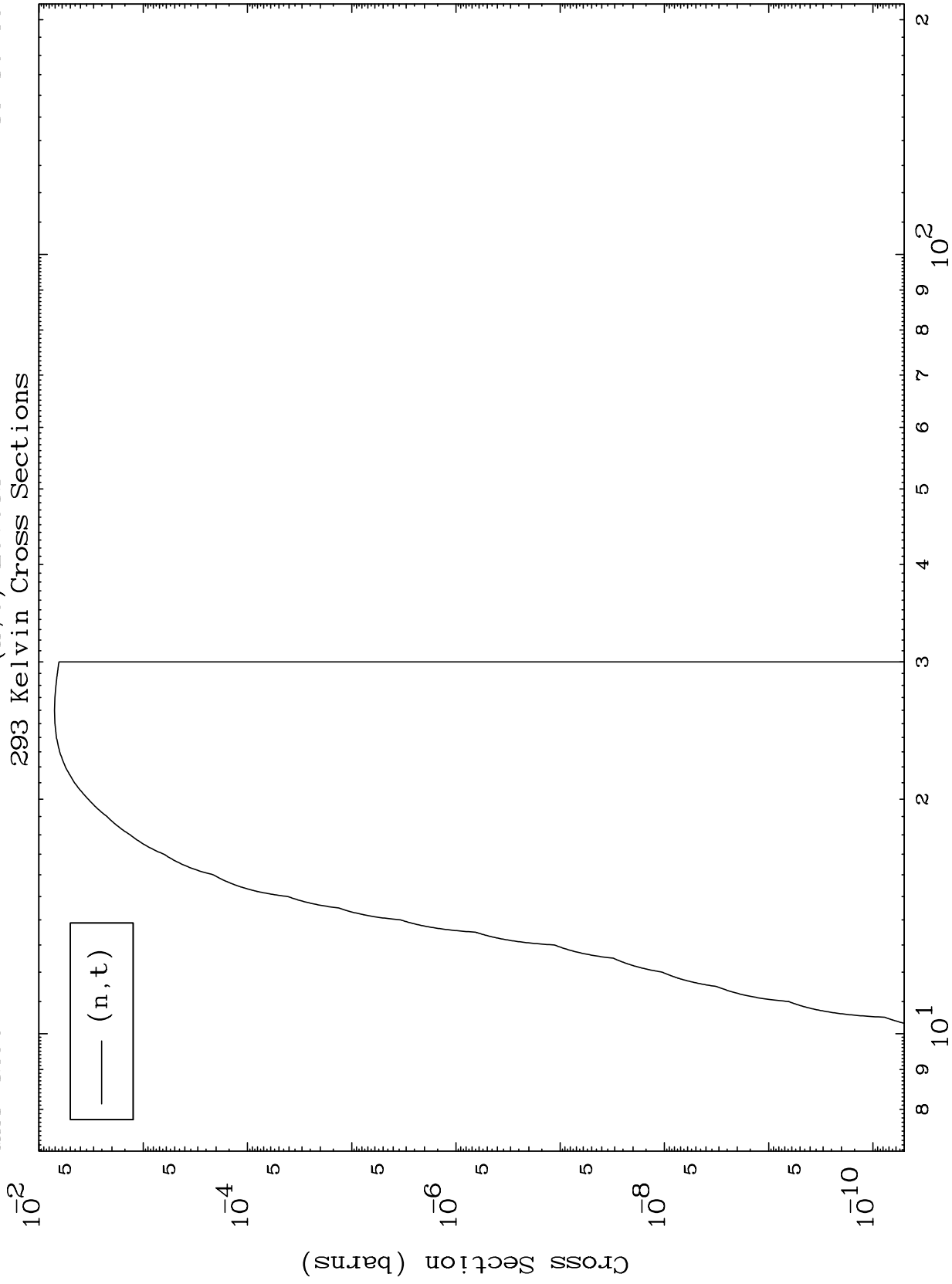
43-Tc-89



MAT 4296

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-89



9

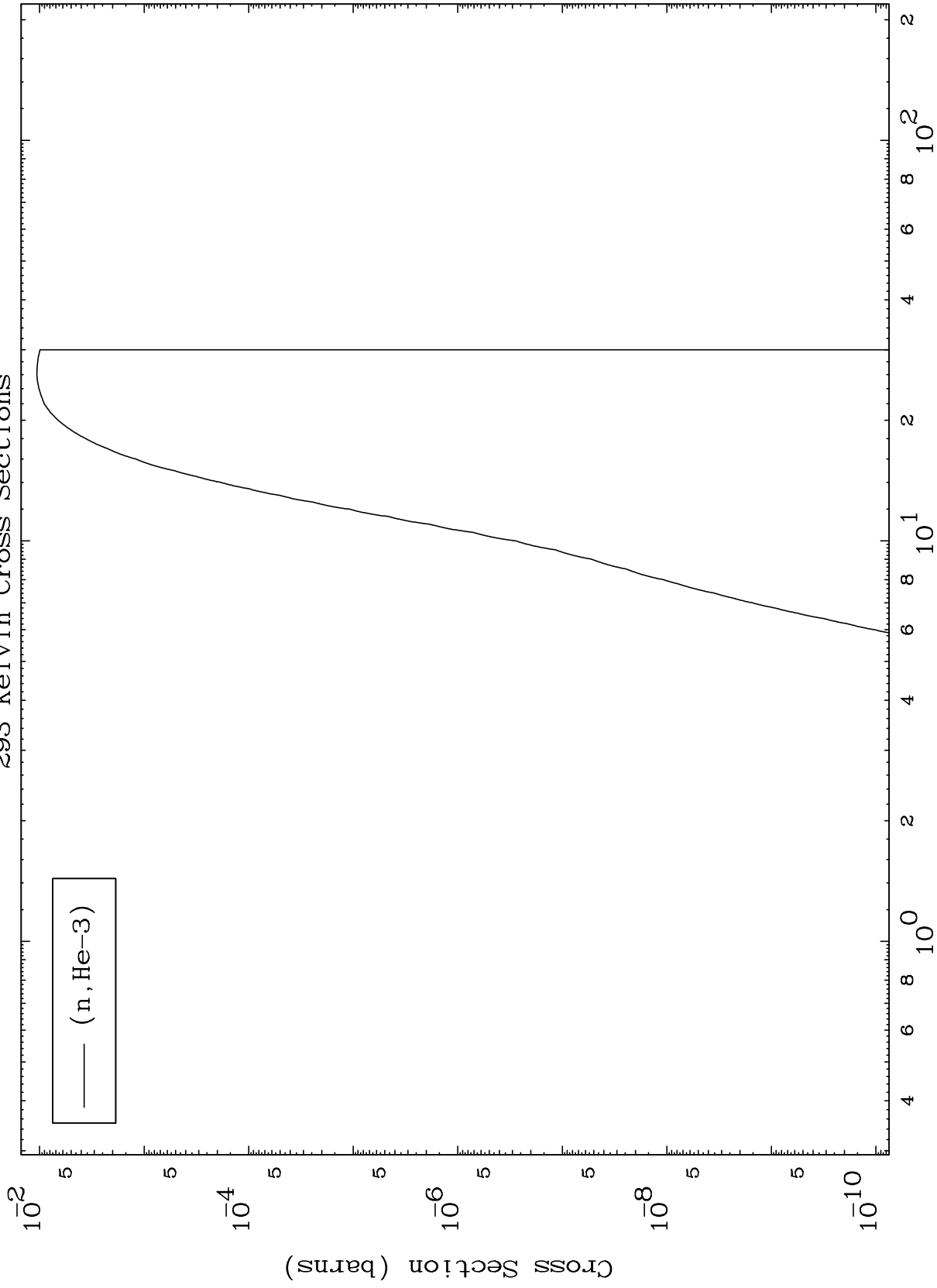
Incident Energy (MeV)

43-Tc-89

MAT 4296

(n,He3) Levels
293 Kelvin Cross Sections

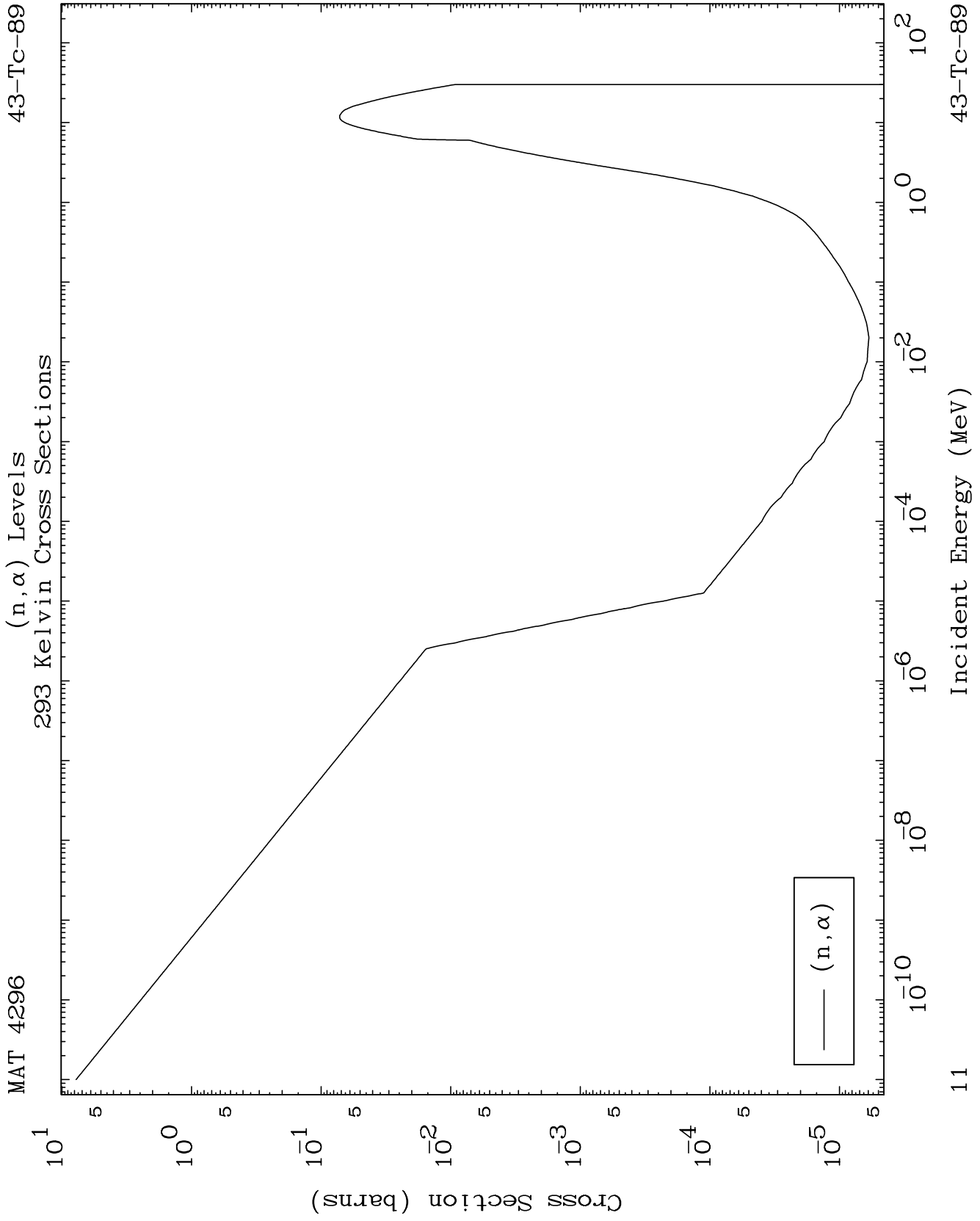
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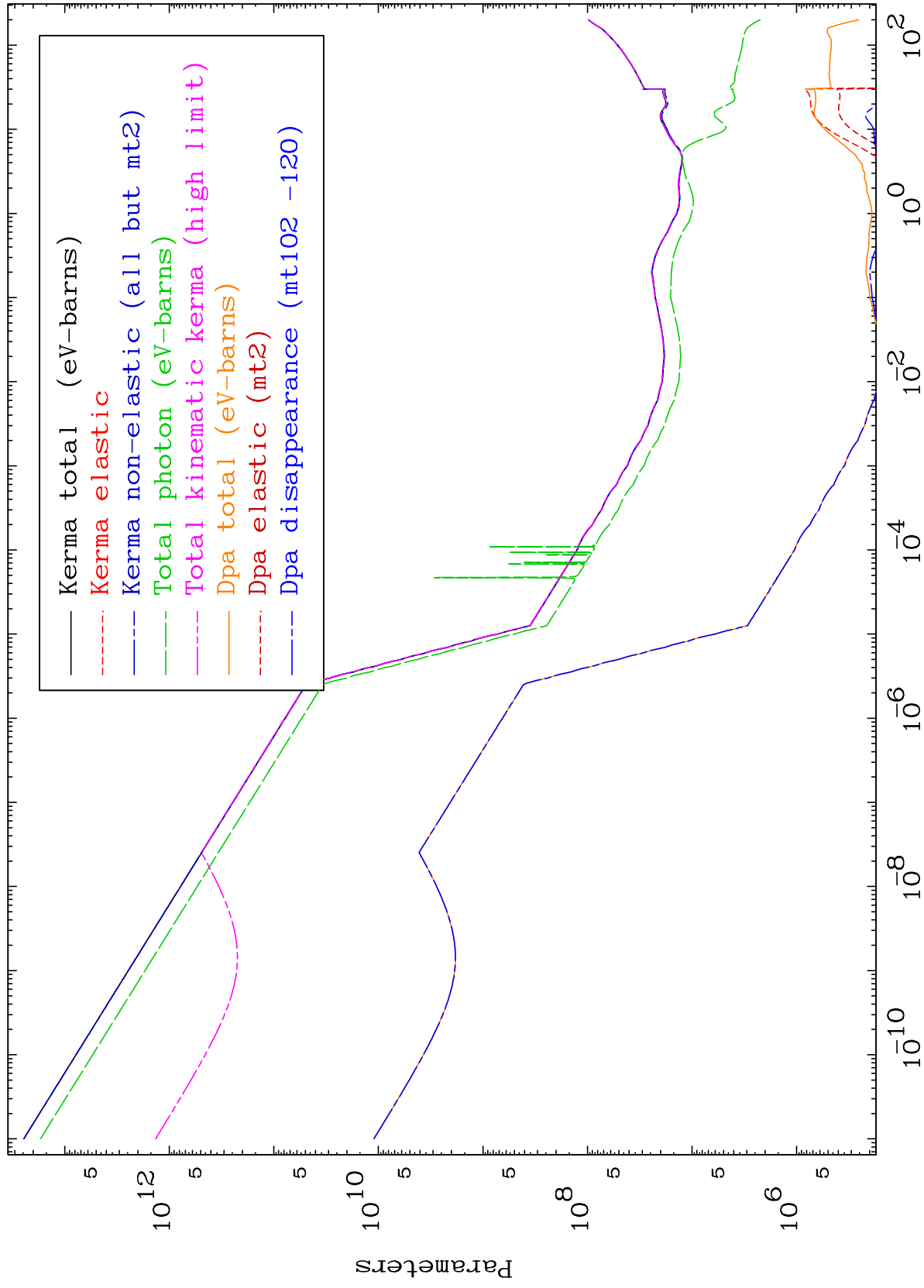


10

Incident Energy (MeV)

43-Tc-89

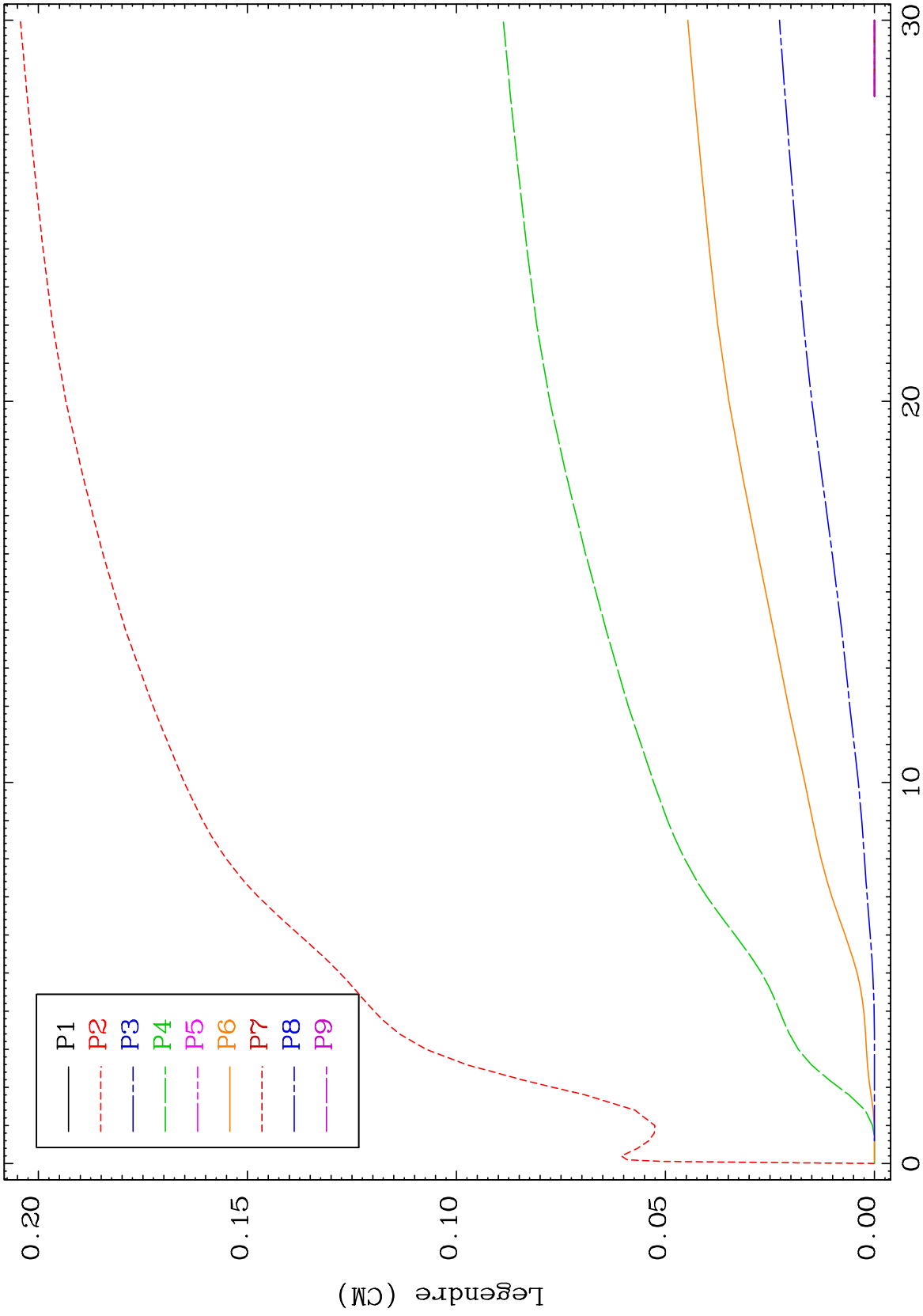




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Elastic Legendre Coefficients

43-Tc-89



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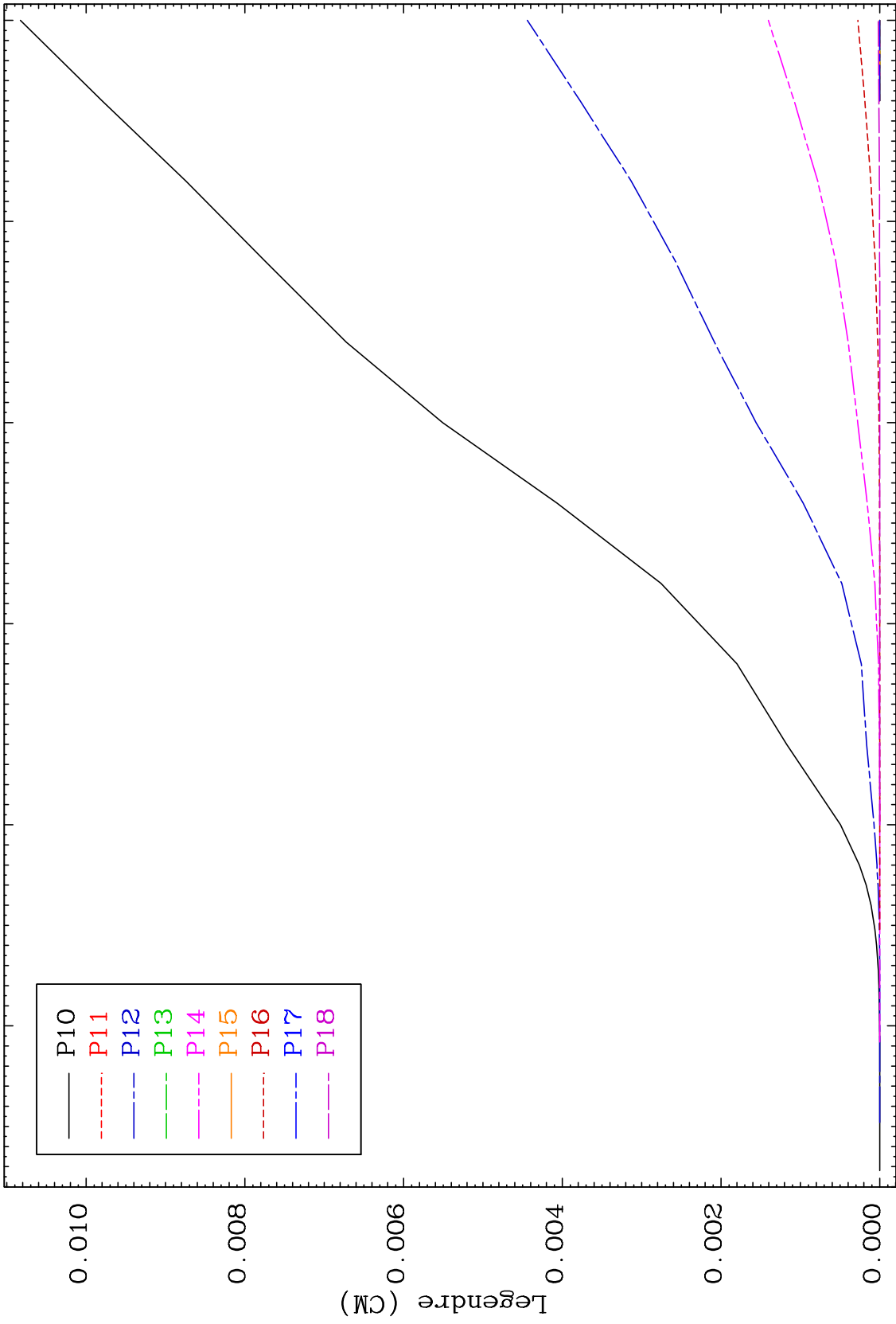
Incident Energy (MeV)

43-Tc-89

MAT 4296

Elastic
Legendre Coefficients

43-Tc-89



14

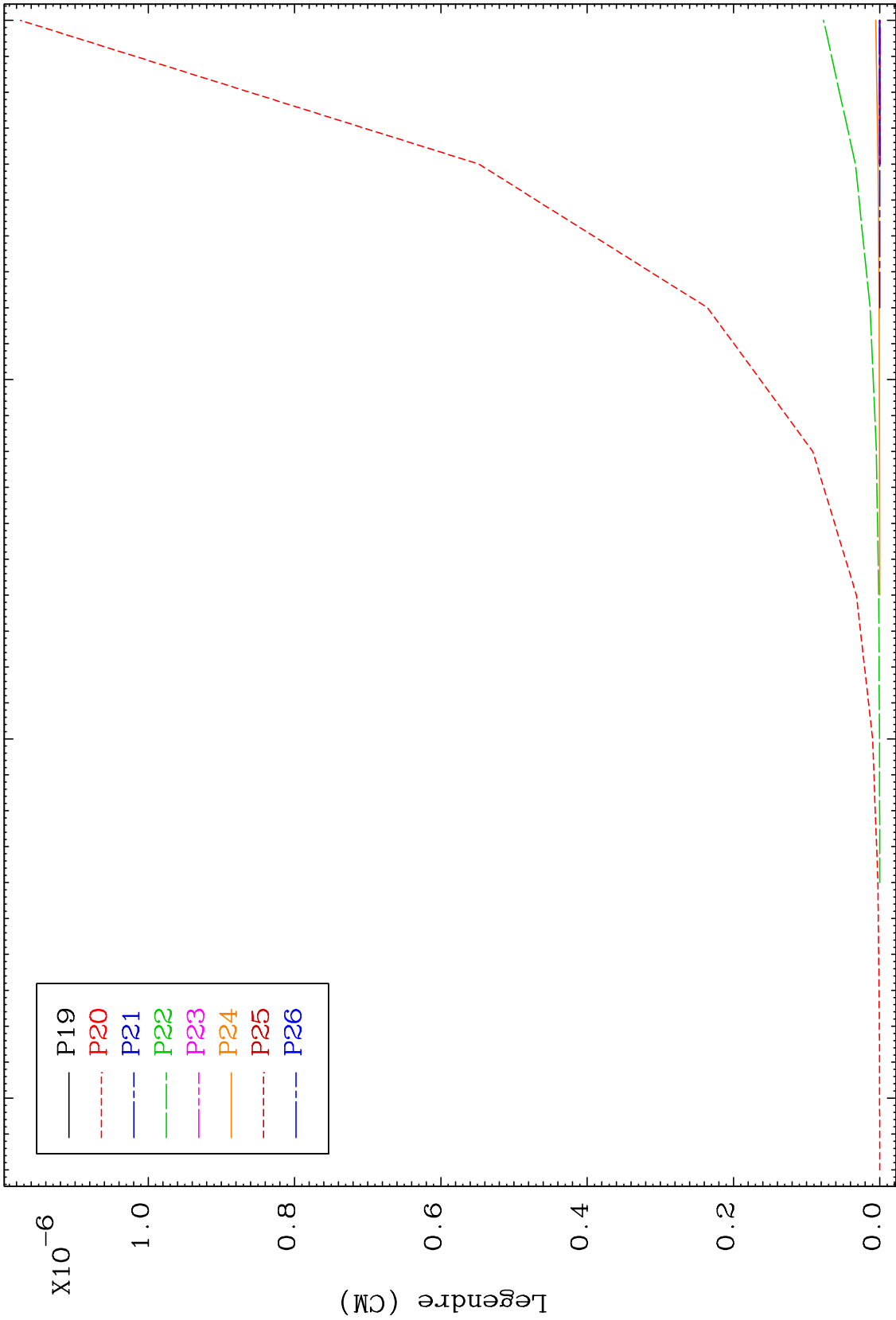
Incident Energy (MeV)

43-Tc-89

MAT 4296

Elastic Legendre Coefficients

43-Tc-89



15

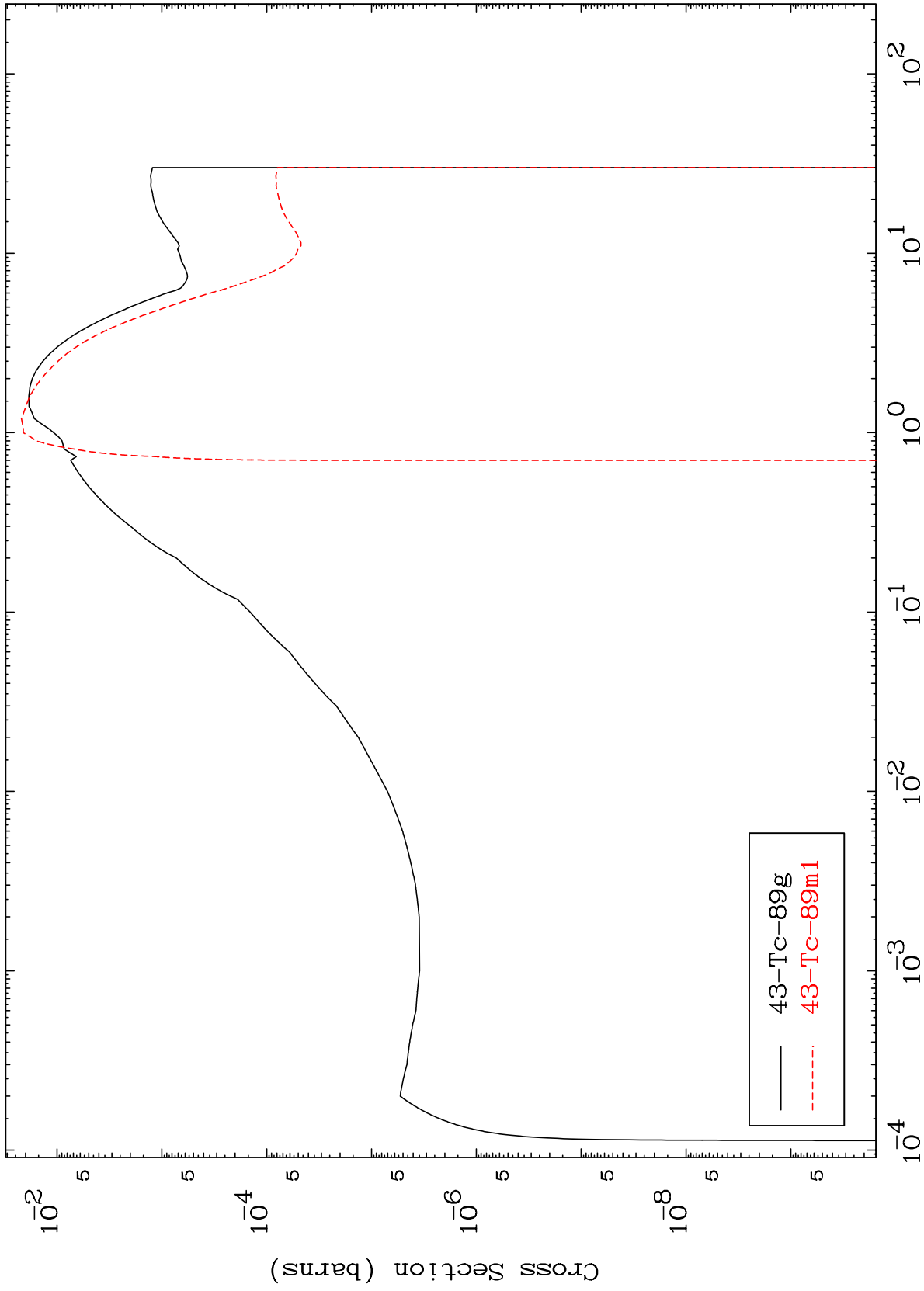
Incident Energy (MeV)

43-Tc-89

MAT 4296

43-Tc-89

Inelastic
Radionuclide Production Cross Section



— 43-Tc-89g
- - - 43-Tc-89m1

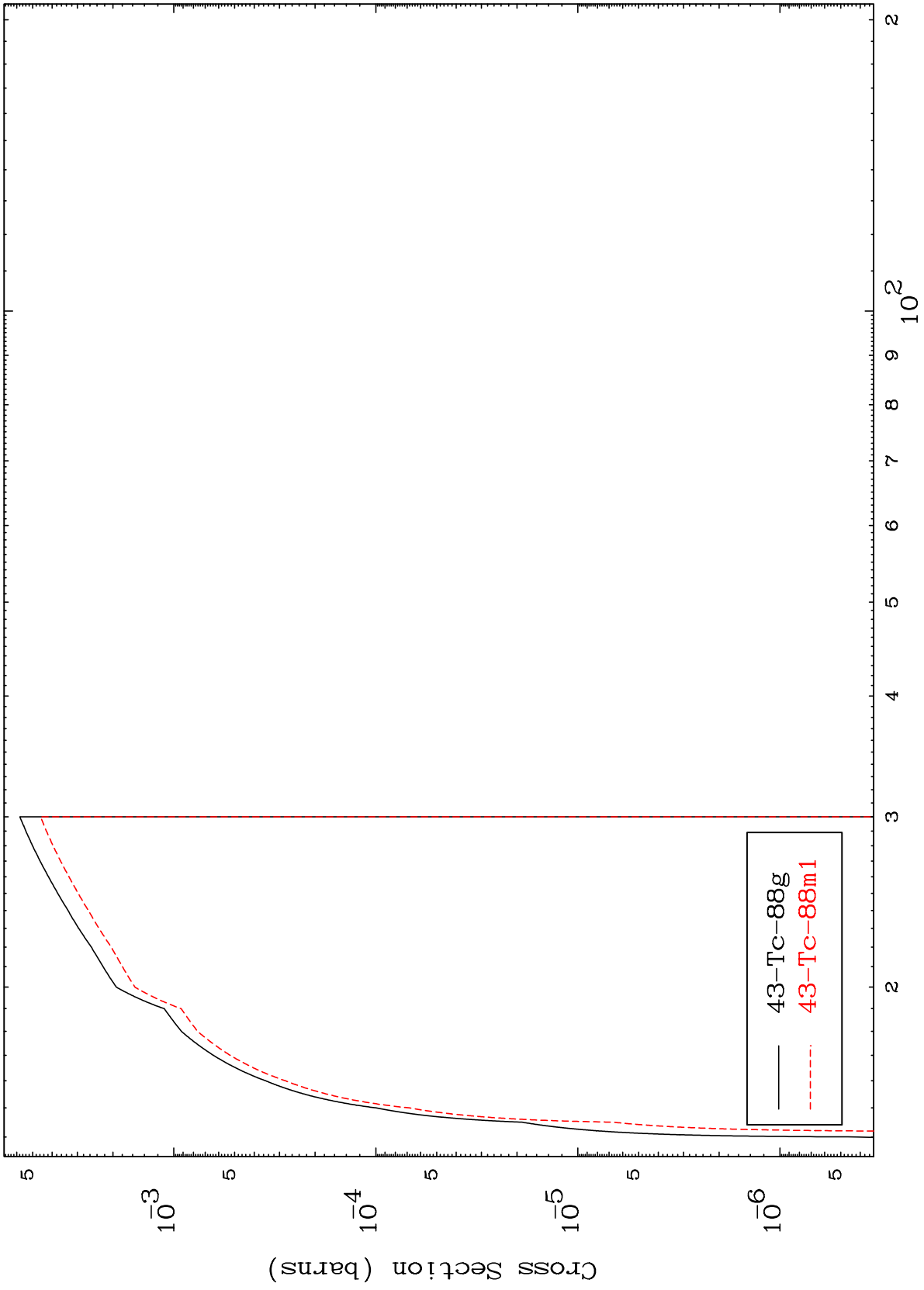
16

43-Tc-89

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43-Tc-89

Radionuclide Production Cross Section
(n,2n)



17

Incident Energy (MeV)

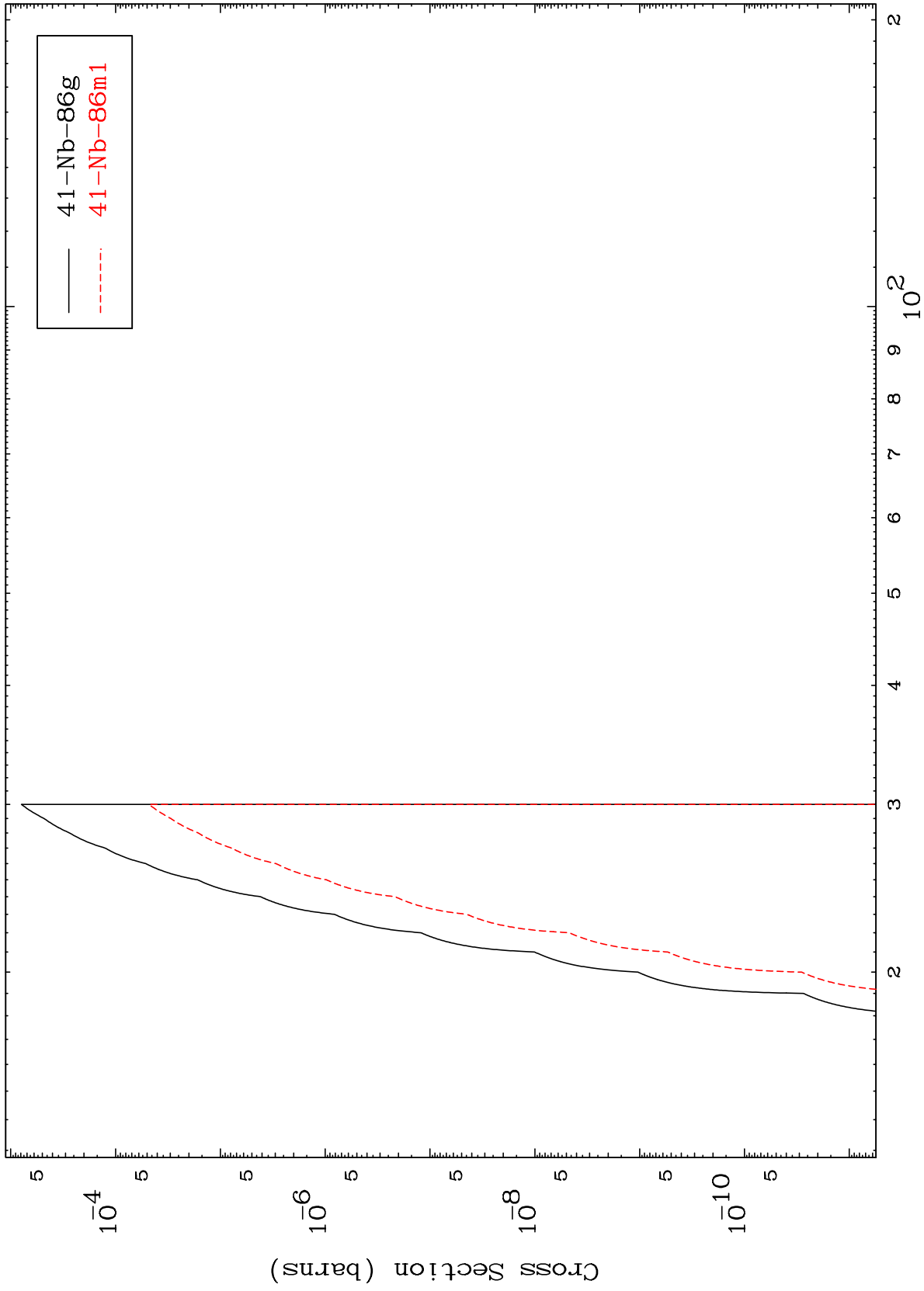
43-Tc-89

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(n, n') He-3

43-Tc-89

Radionuclide Production Cross Section



18

Incident Energy (MeV)

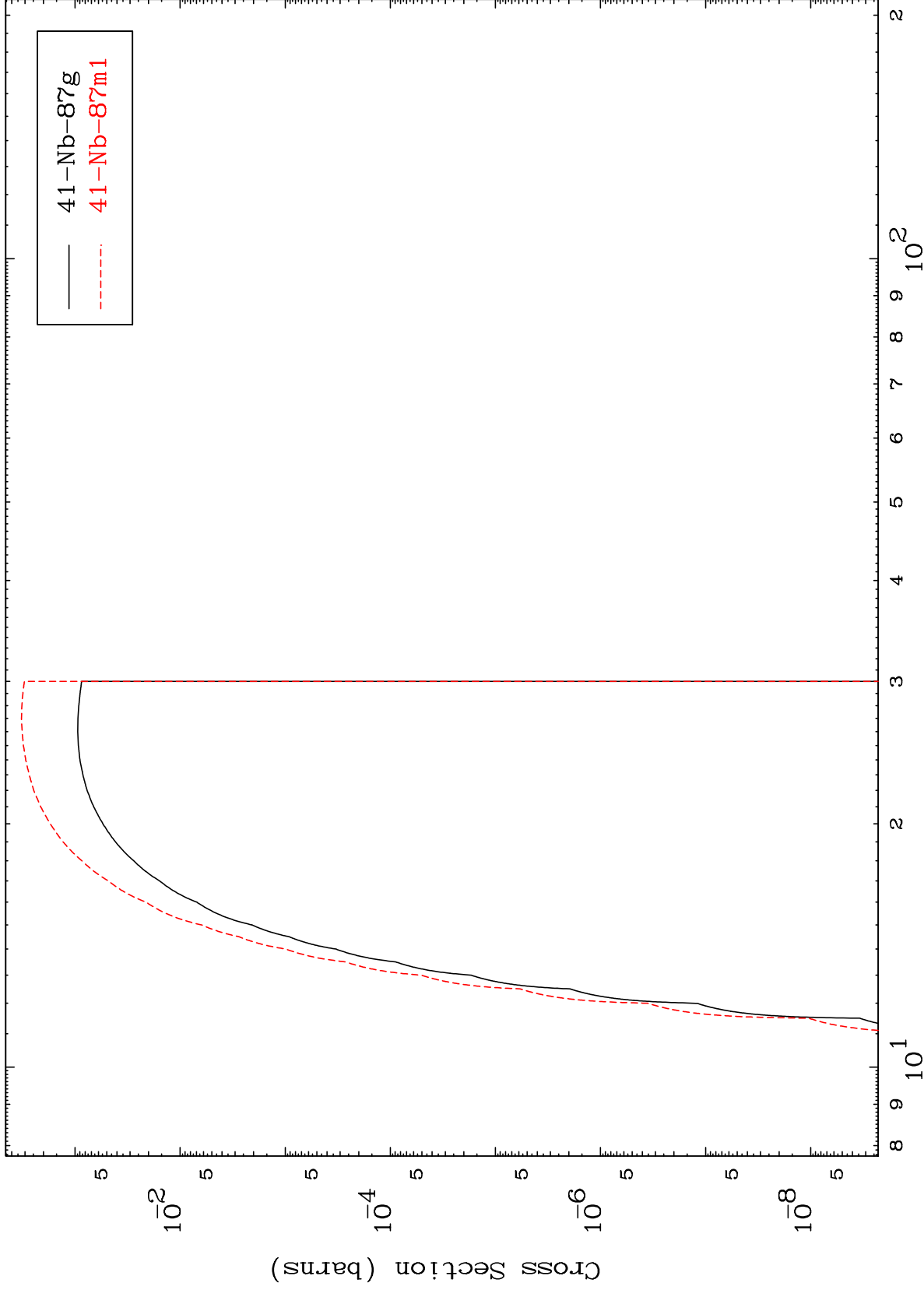
43-Tc-89

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(n,2n) p

43-Tc-89

Radionuclide Production Cross Section



19

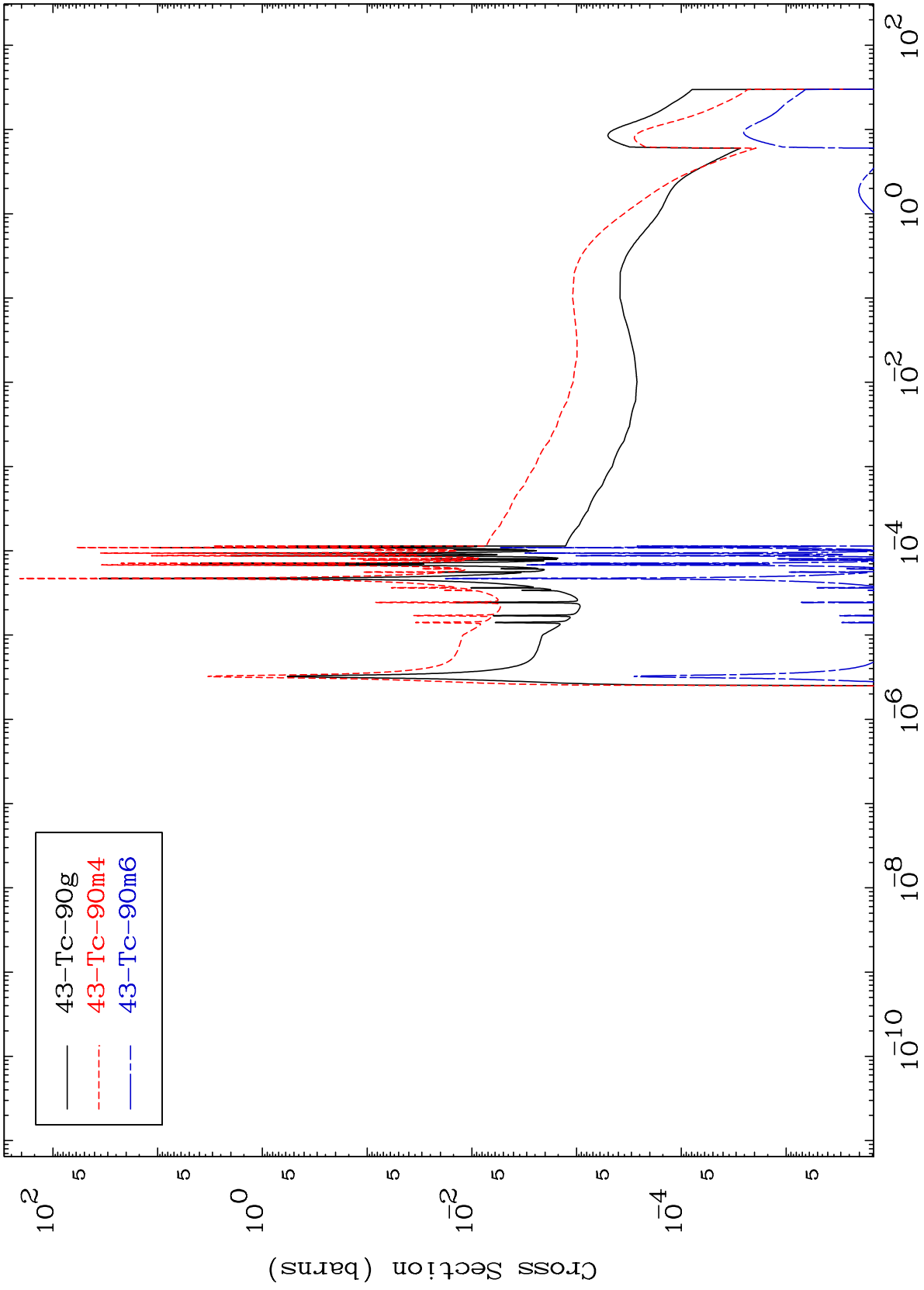
Incident Energy (MeV)

43-Tc-89

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43-Tc-89

Radionuclide Production Cross Section (n,γ)



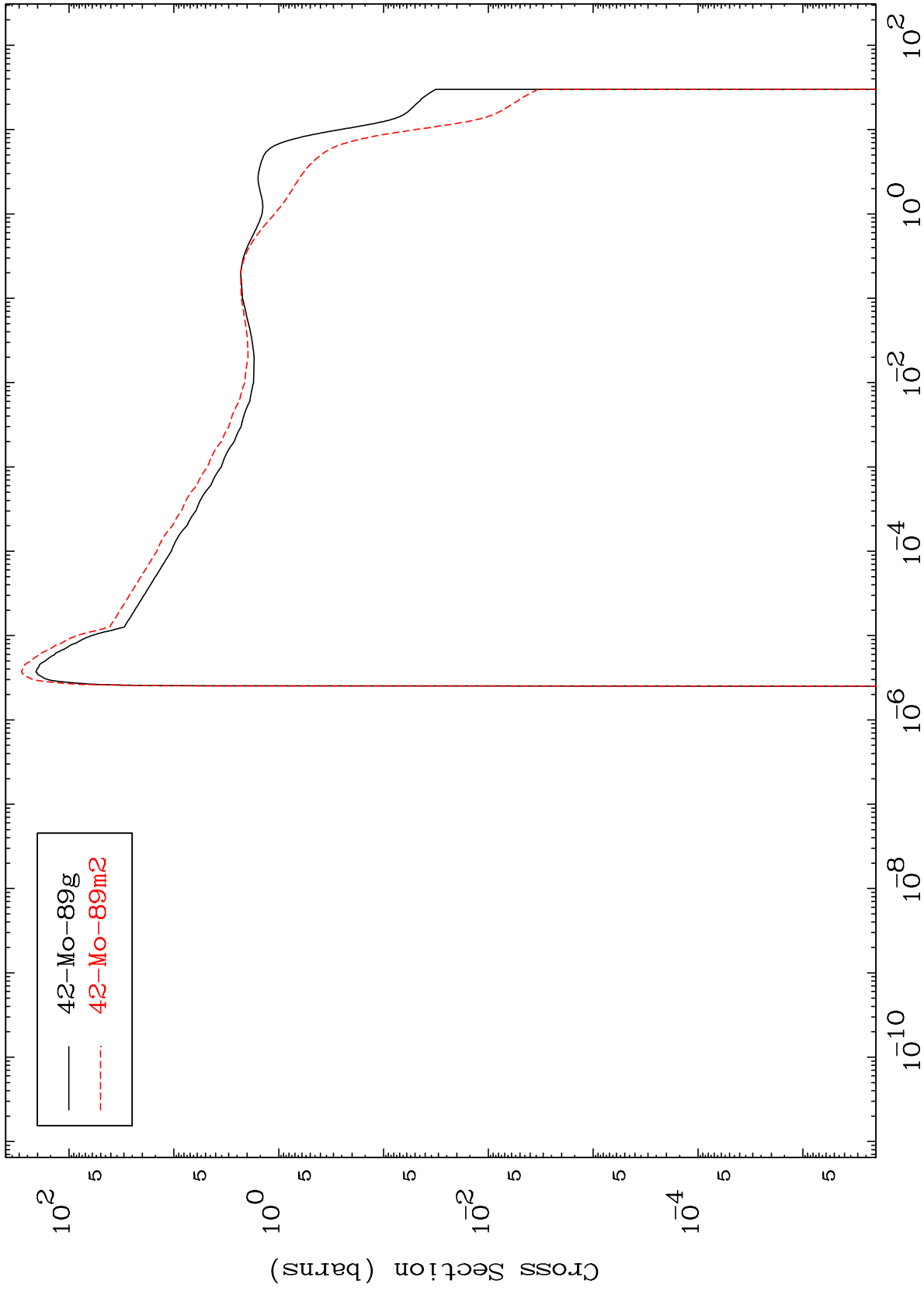
20

43-Tc-89

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43-Tc-89

(n,p)
Radionuclide Production Cross Section



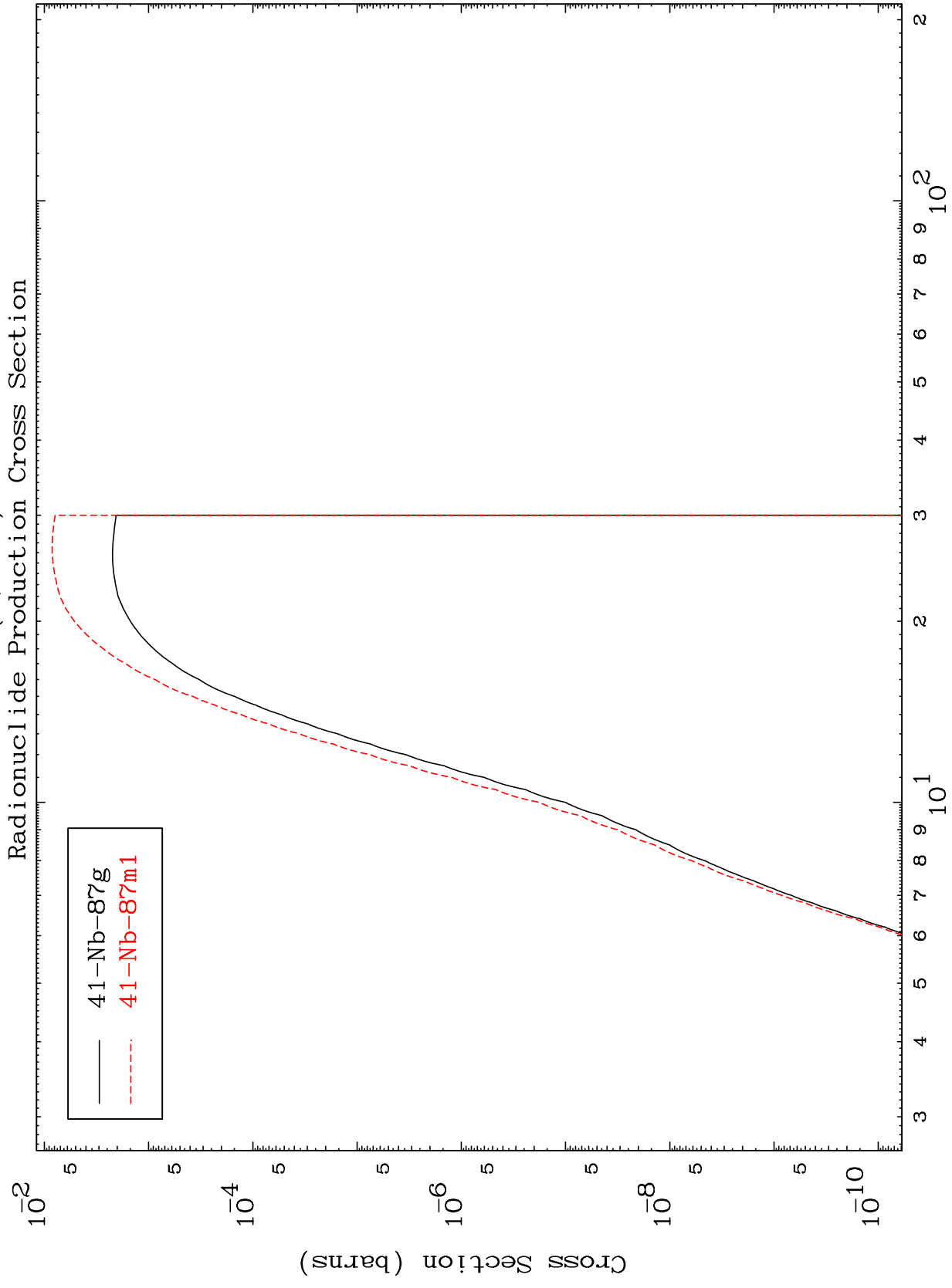
21

43-Tc-89

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(n, He-3)

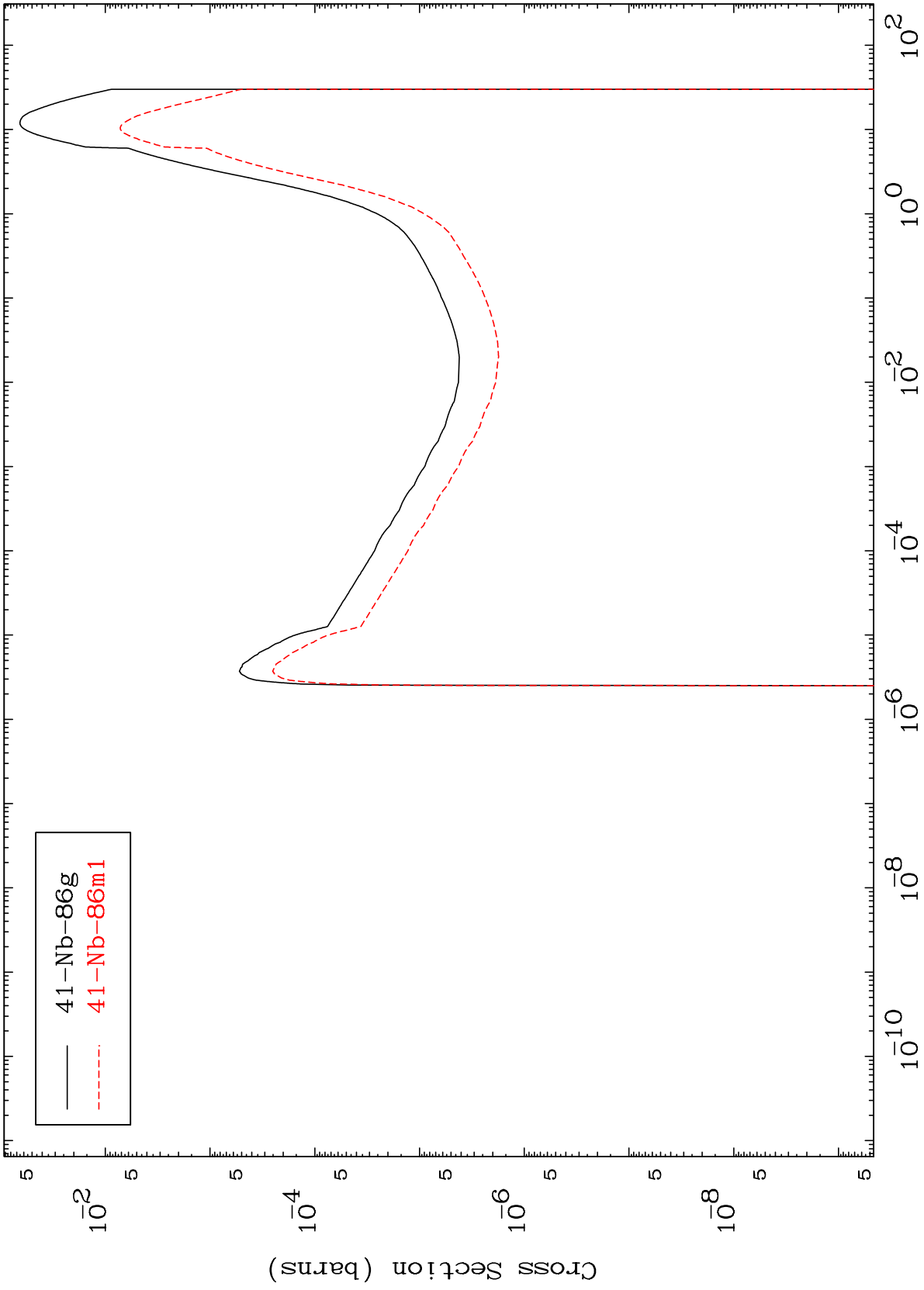
43-Tc-89



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43-Tc-89

(n, α)
Radionuclide Production Cross Section



23

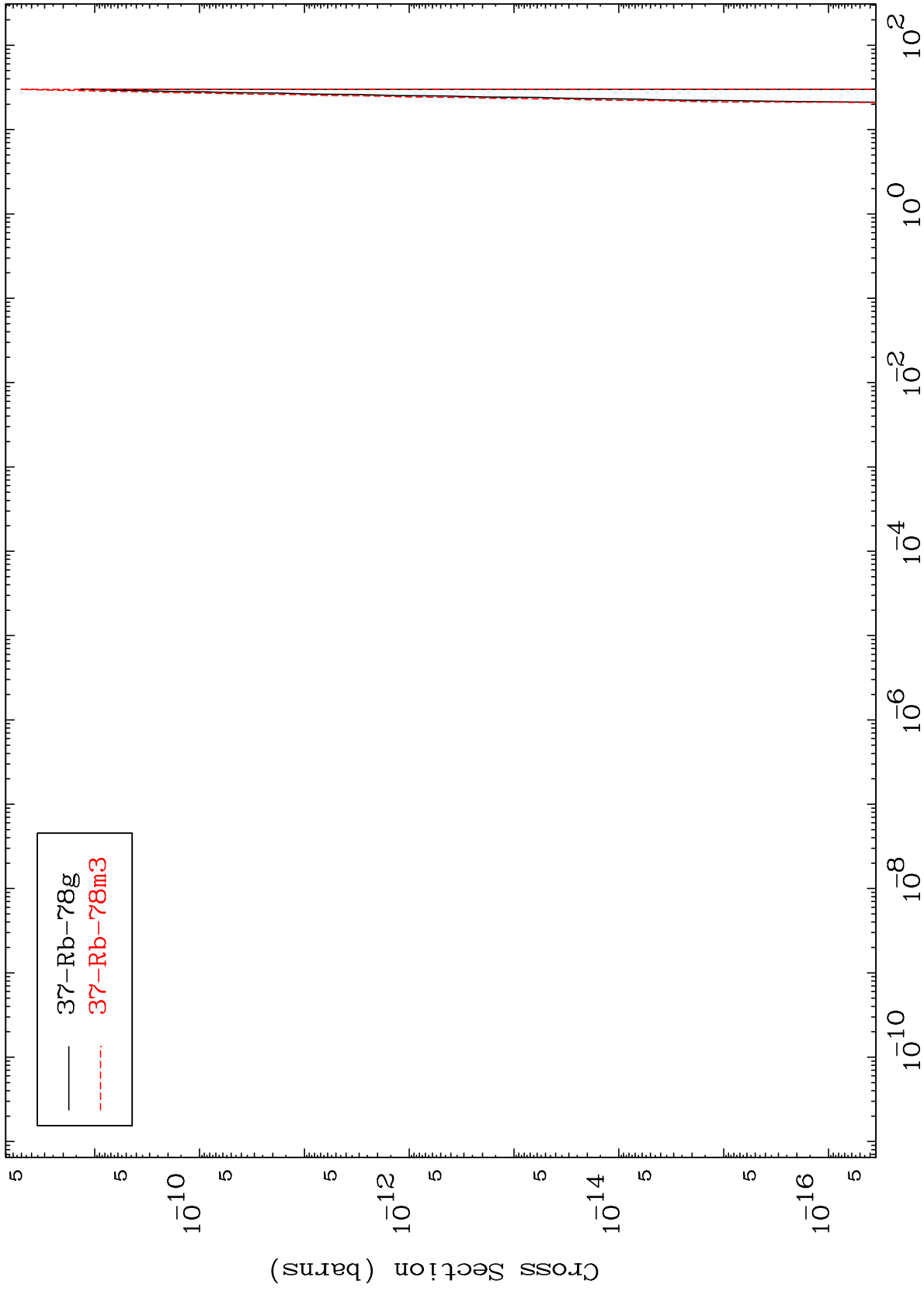
43-Tc-89

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(n,3α)

43-Tc-89

Radionuclide Production Cross Section



24

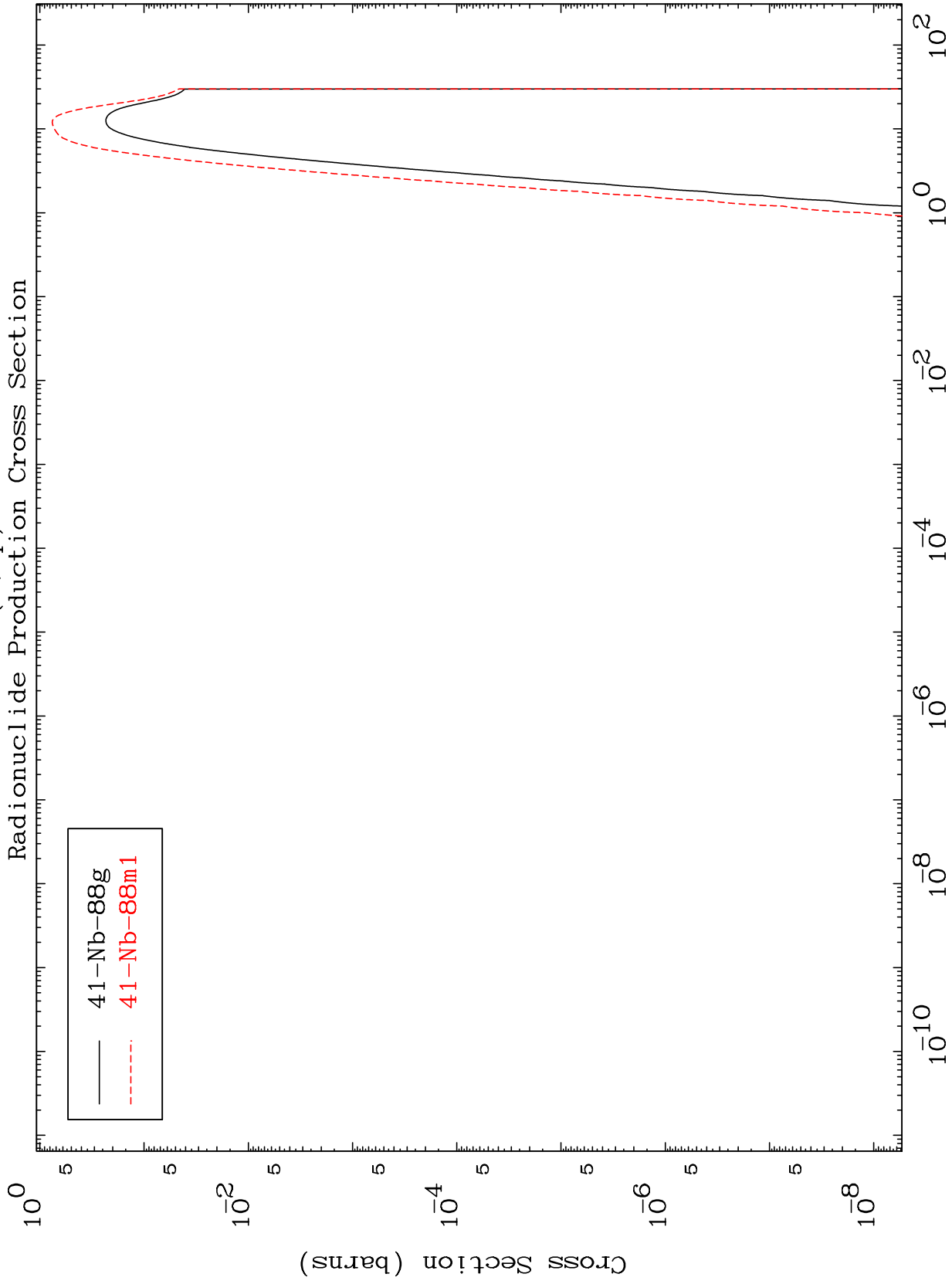
Incident Energy (MeV)

43-Tc-89

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Radionuclide Production Cross Section
(n,2p)

43-Tc-89



25

Incident Energy (MeV)

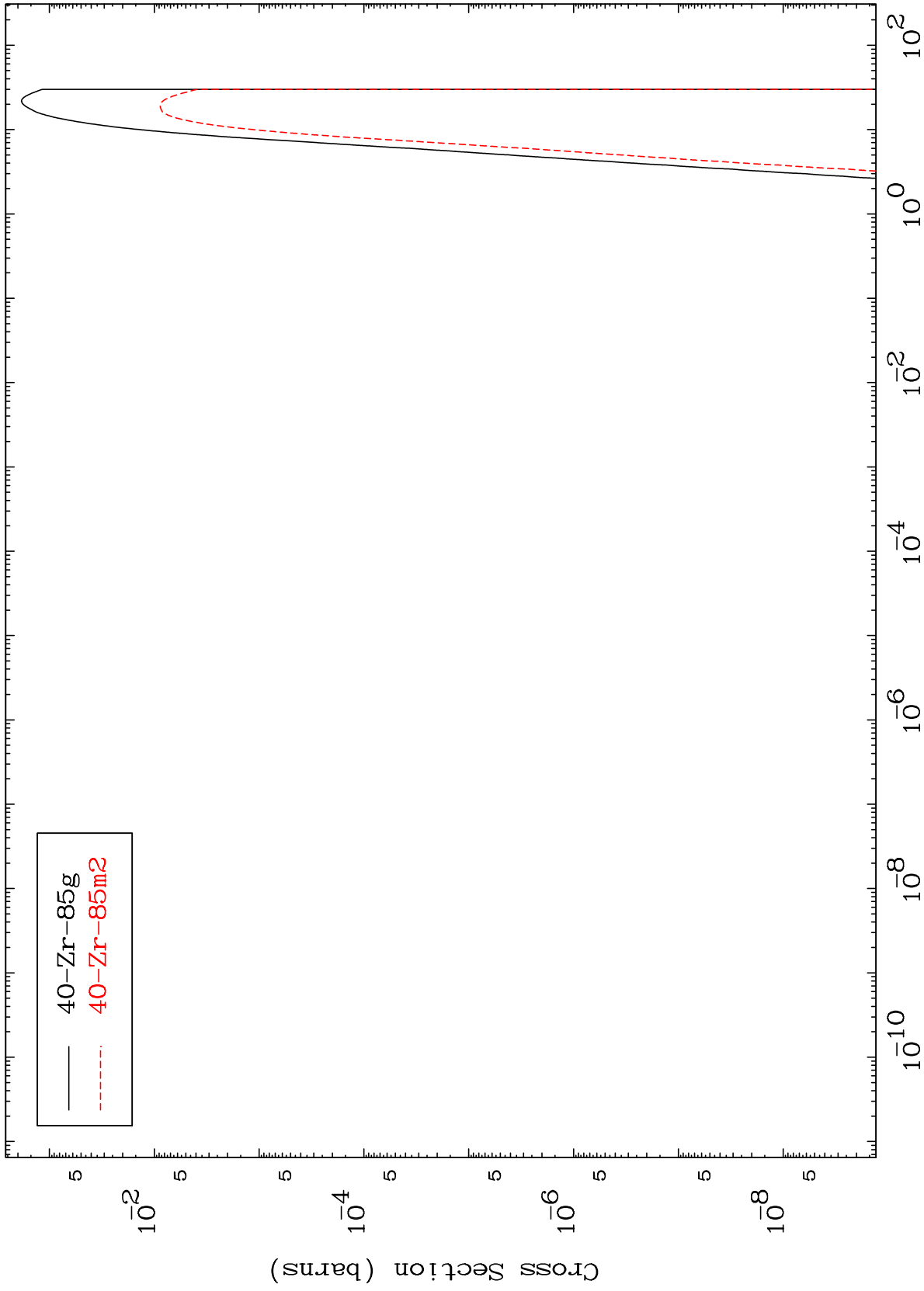
43-Tc-89

MAT 4296

(n,p) α

43-Tc-89

Radionuclide Production Cross Section



26

Incident Energy (MeV)

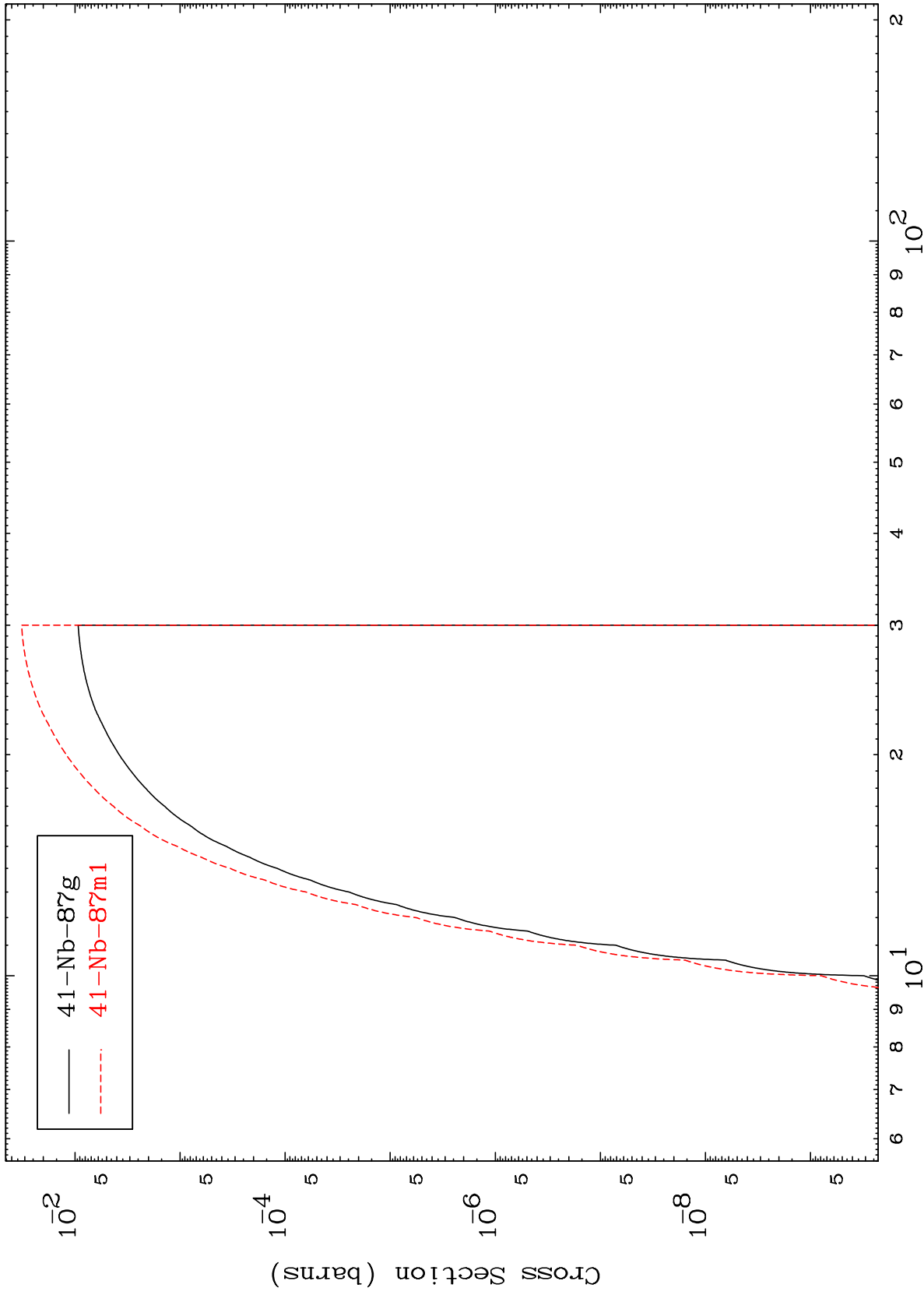
43-Tc-89

MAT 4296

(n,p) d

43-Tc-89

Radionuclide Production Cross Section



27

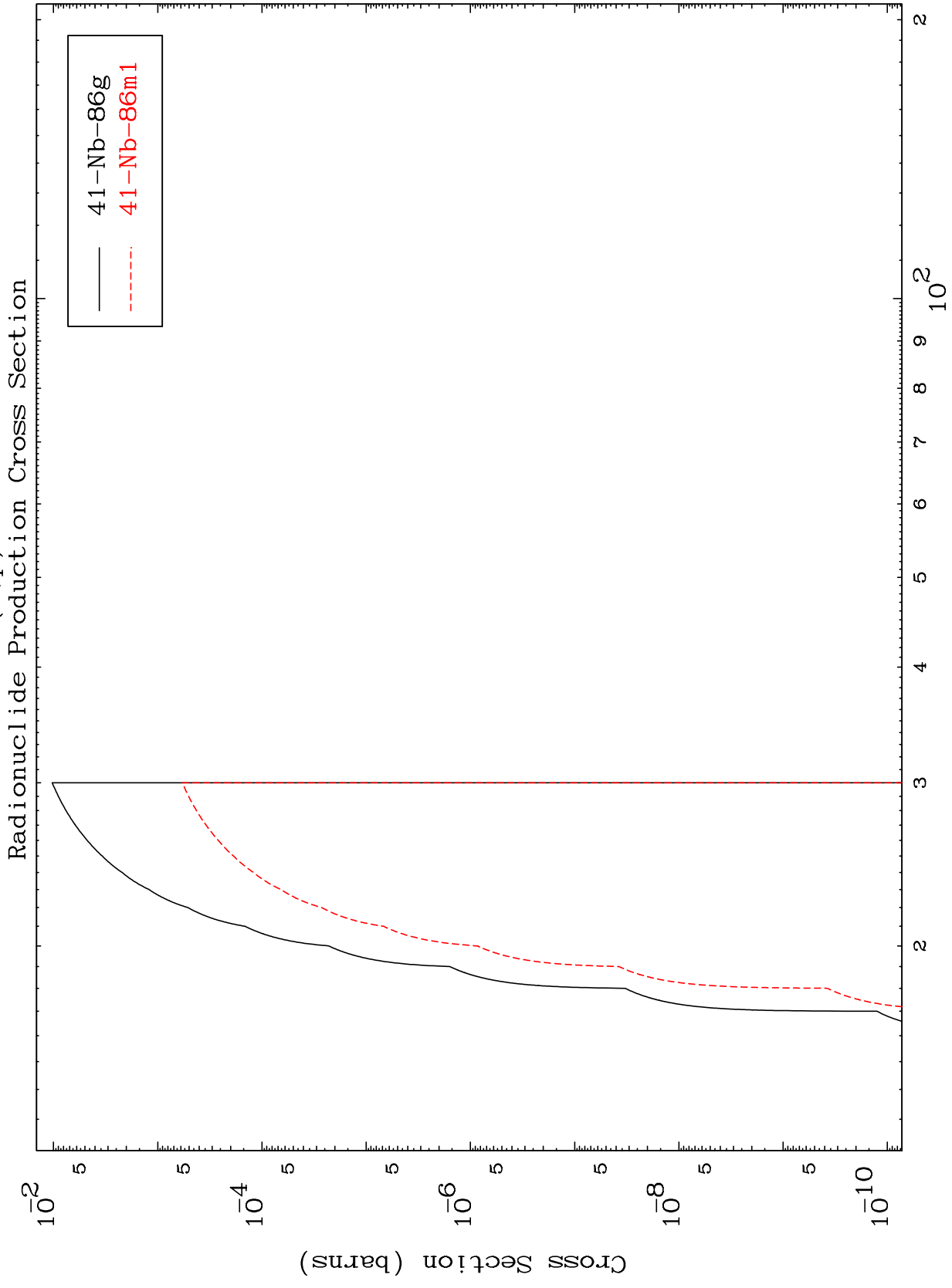
Incident Energy (MeV)

43-Tc-89

MAT 4296

(n,p) t

43-Tc-89



28

43-Tc-89