

Program EVALPLOT
(Version 2021-1)

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

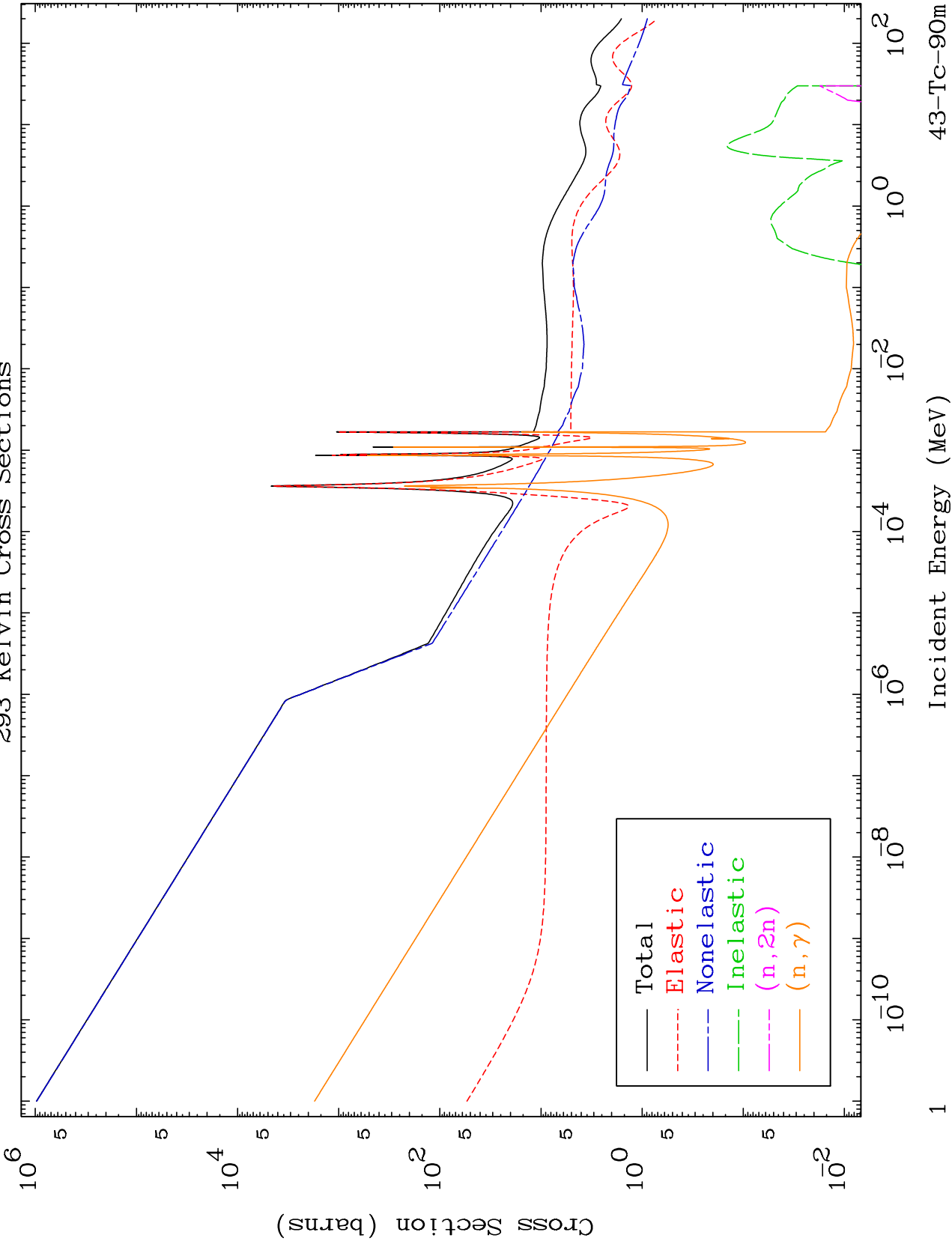
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4299

Neutron Major
293 Kelvin Cross Sections

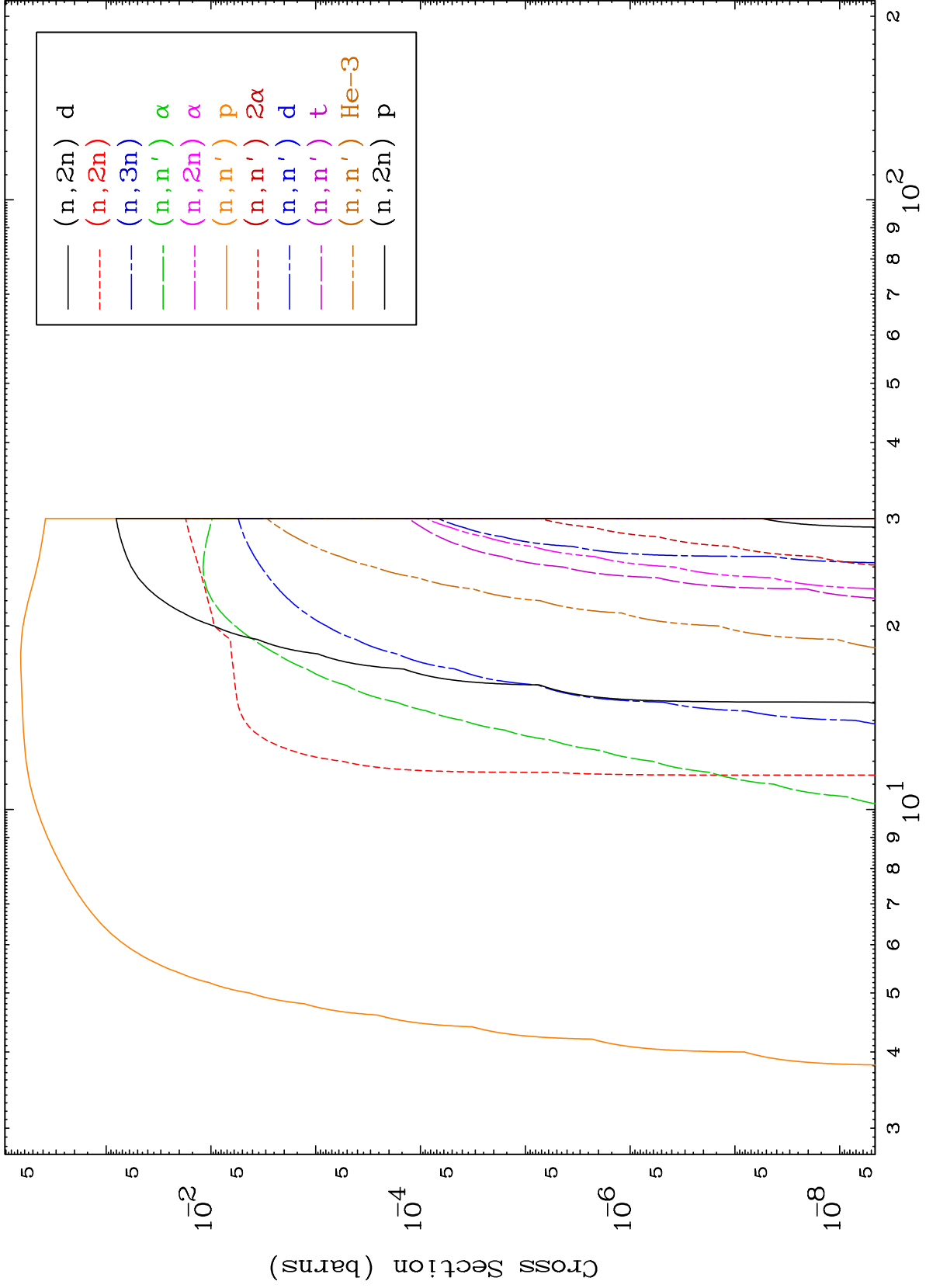
43-Tc-90m



MAT 4299

Neutron Absorption
293 Kelvin Cross Sections

43-Tc-90m



2

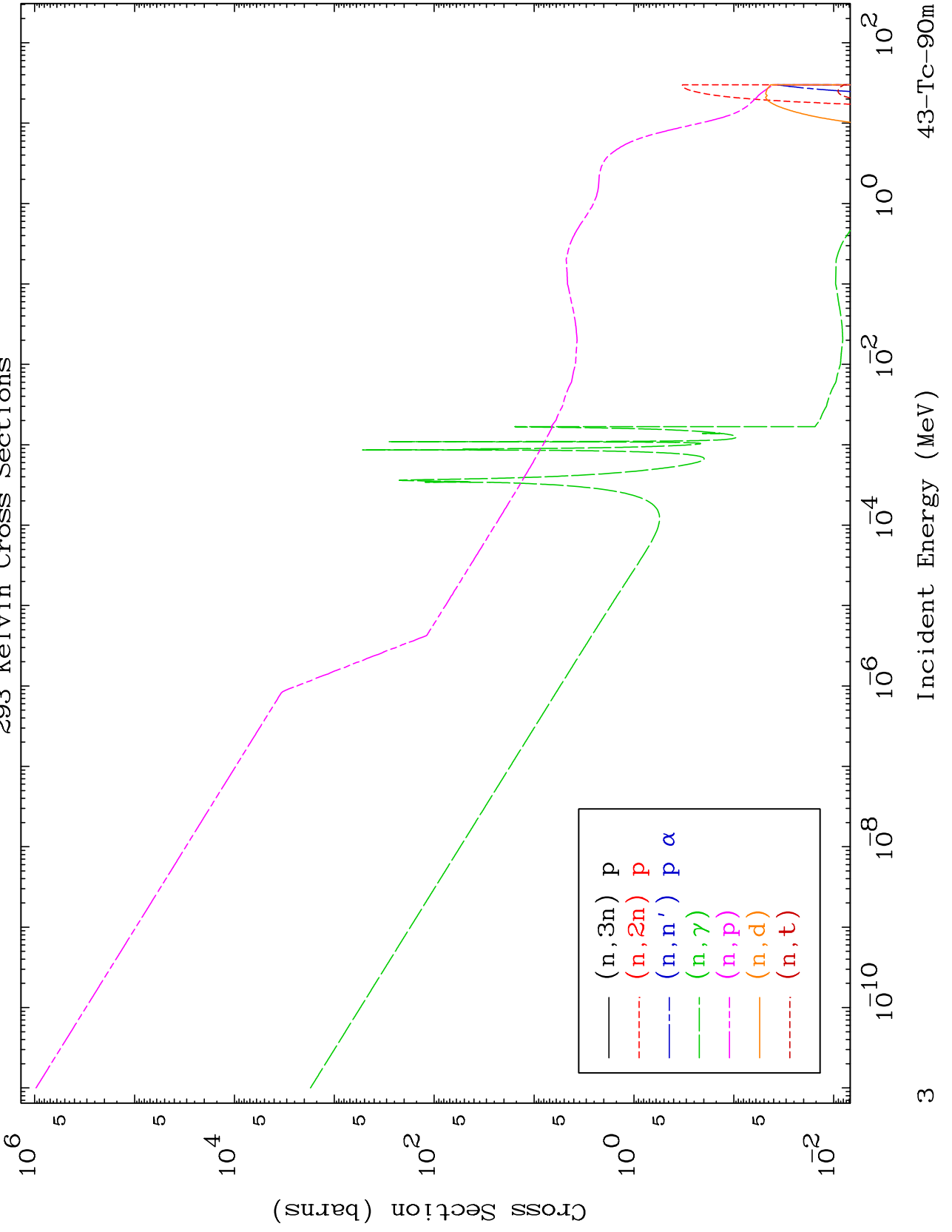
Incident Energy (MeV)

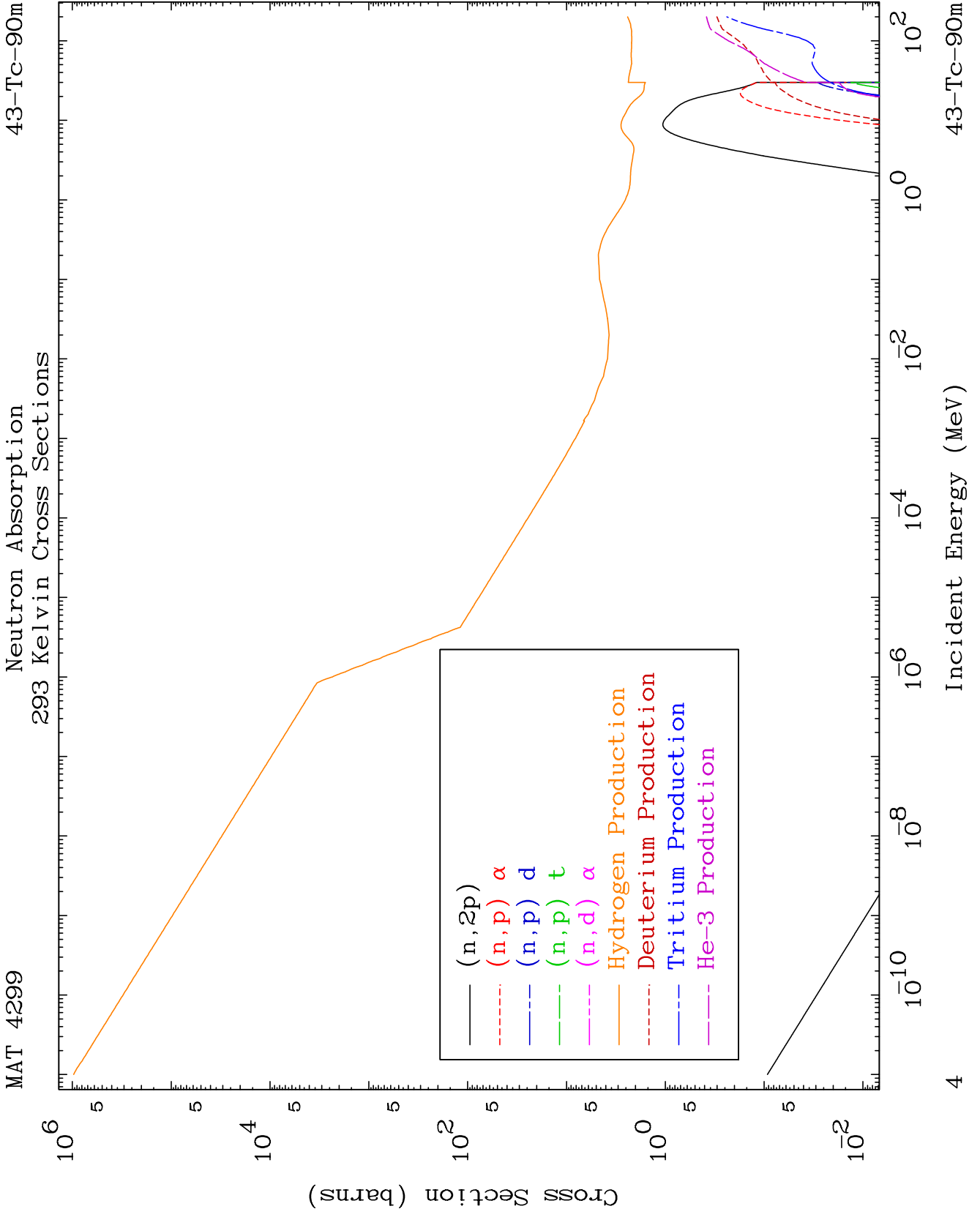
43-Tc-90m

MAT 4299

Neutron Absorption
293 Kelvin Cross Sections

43-Tc-90m

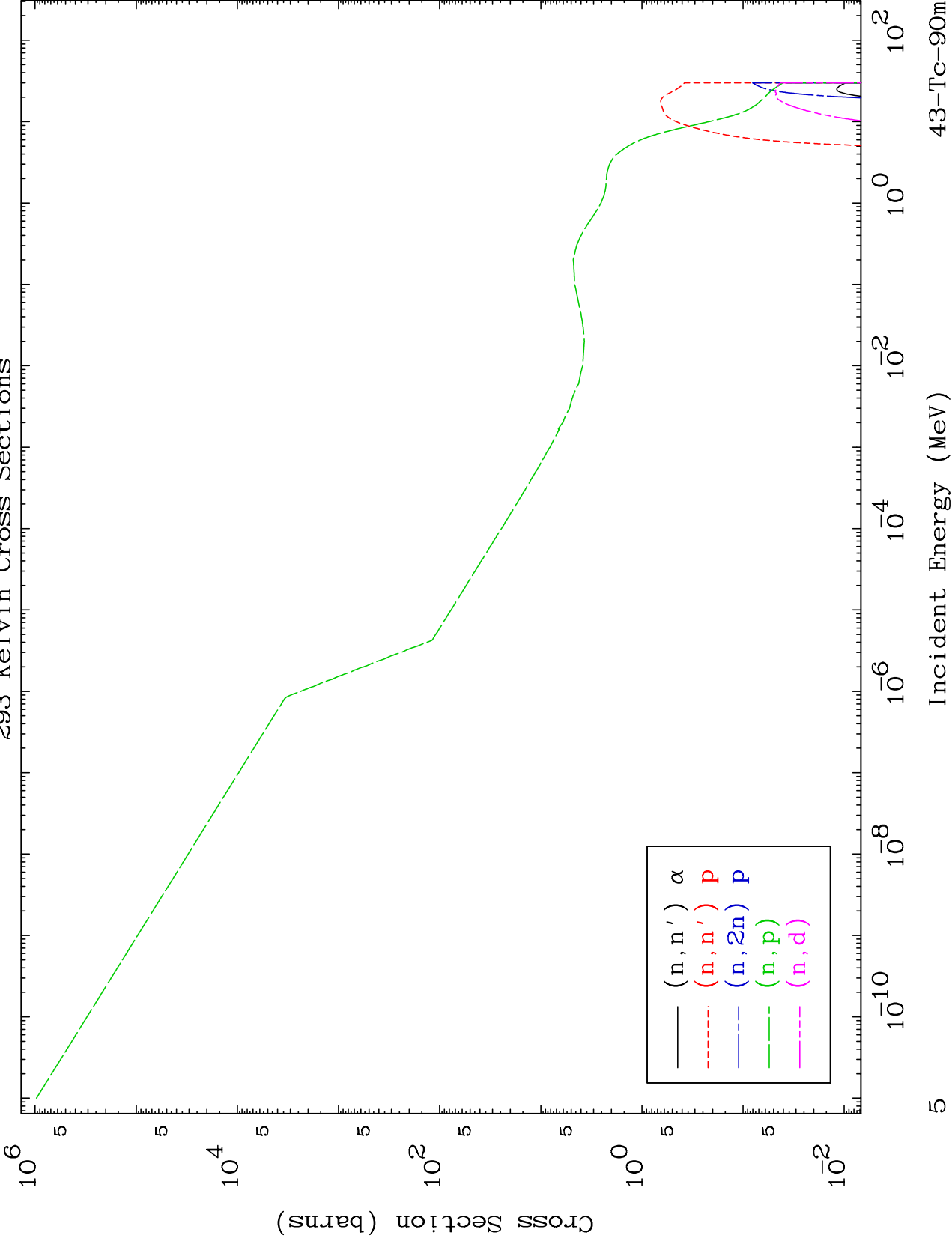




MAT 4299

Charged Particle
293 Kelvin Cross Sections

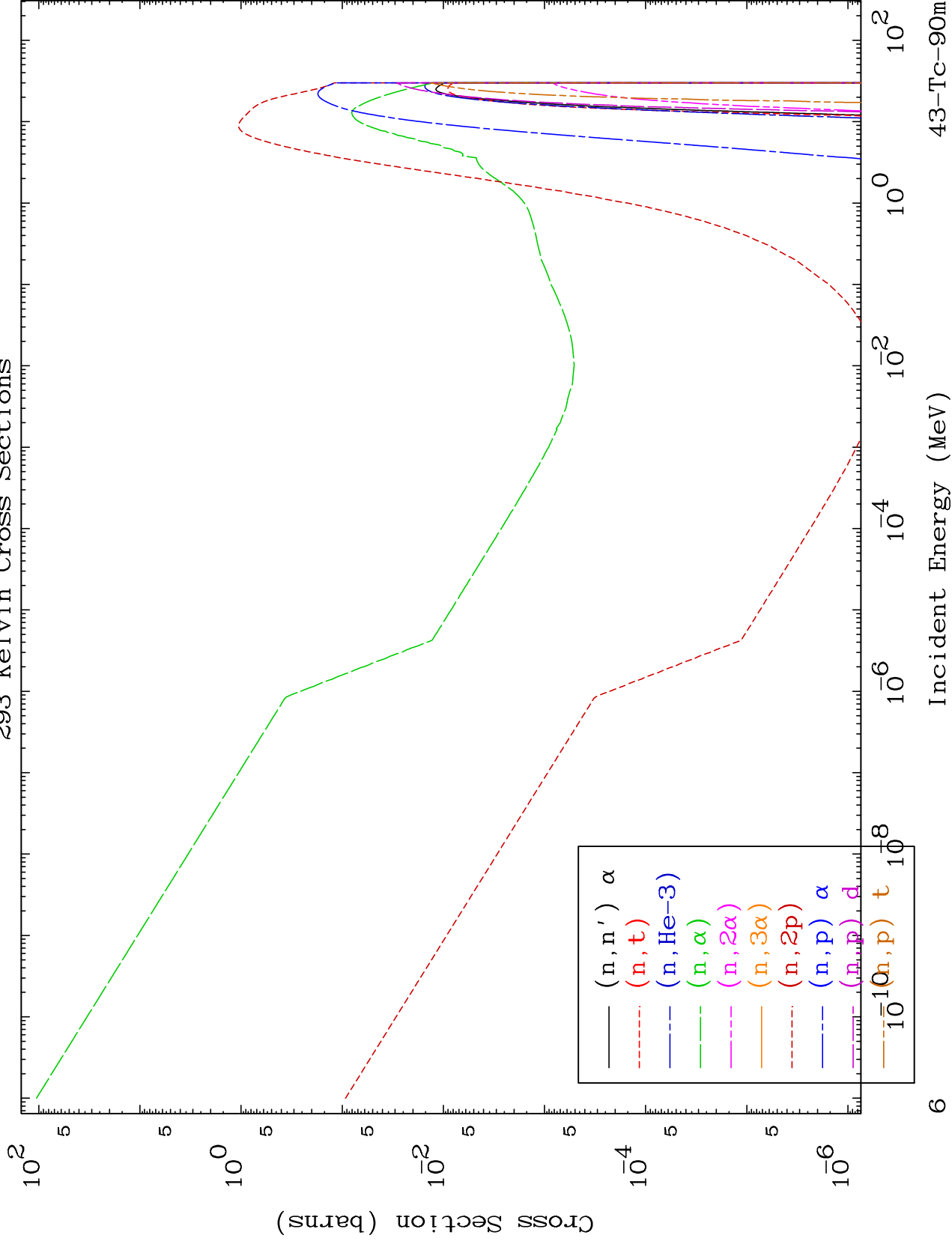
43-Tc-90m



MAT 4299

Charged Particle
293 Kelvin Cross Sections

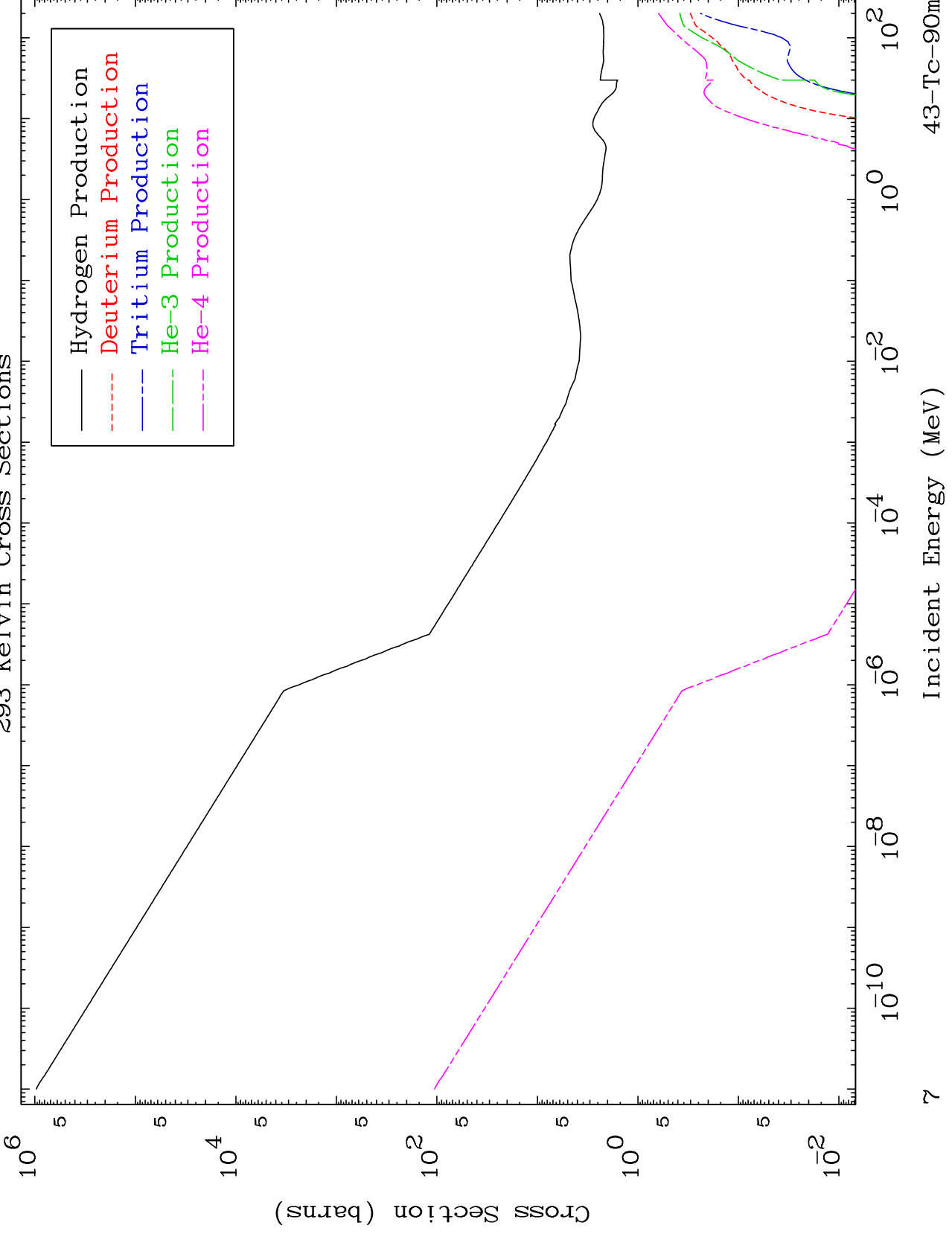
43-Tc-90m



MAT 4299

Particle Production
293 Kelvin Cross Sections

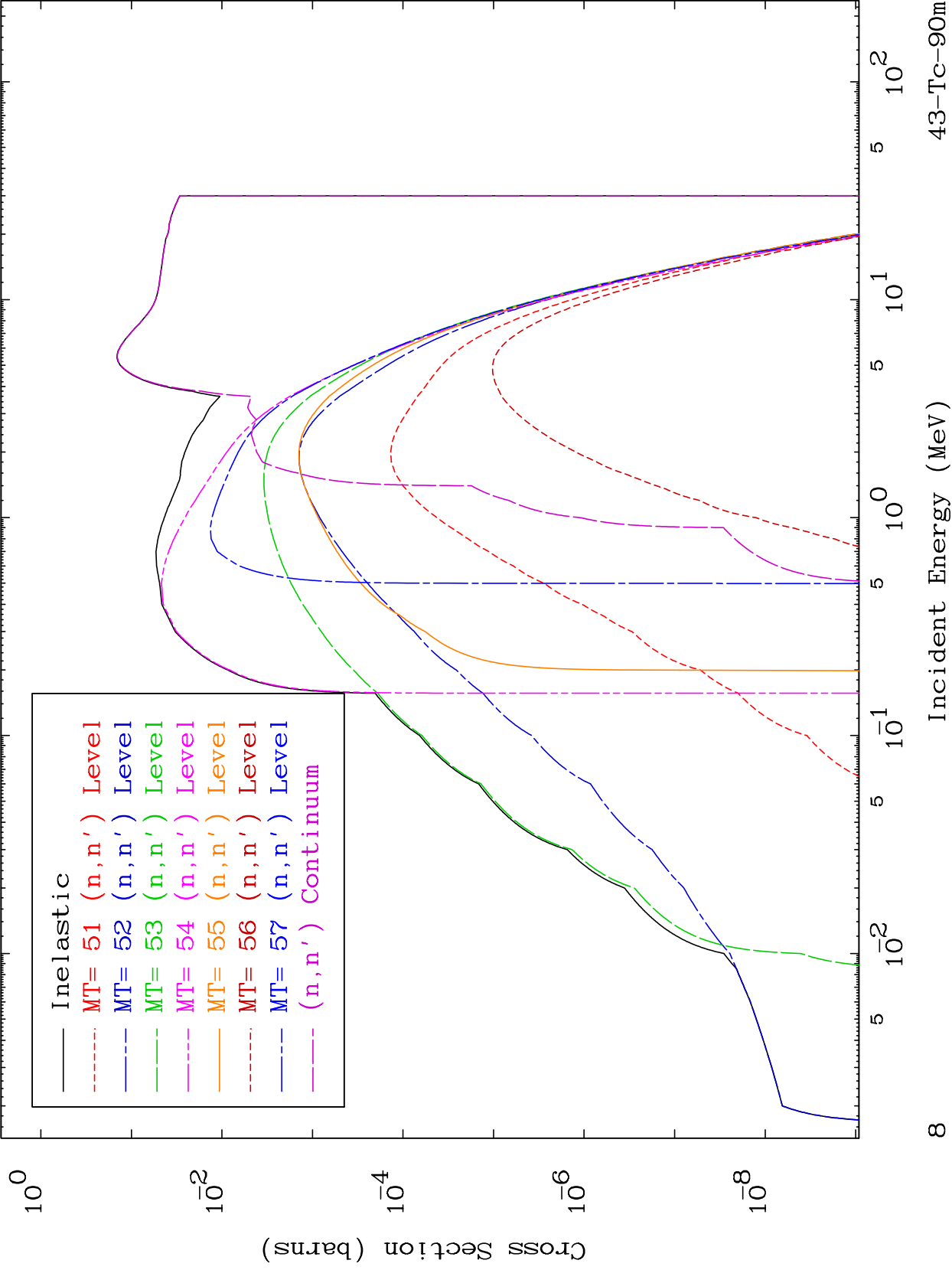
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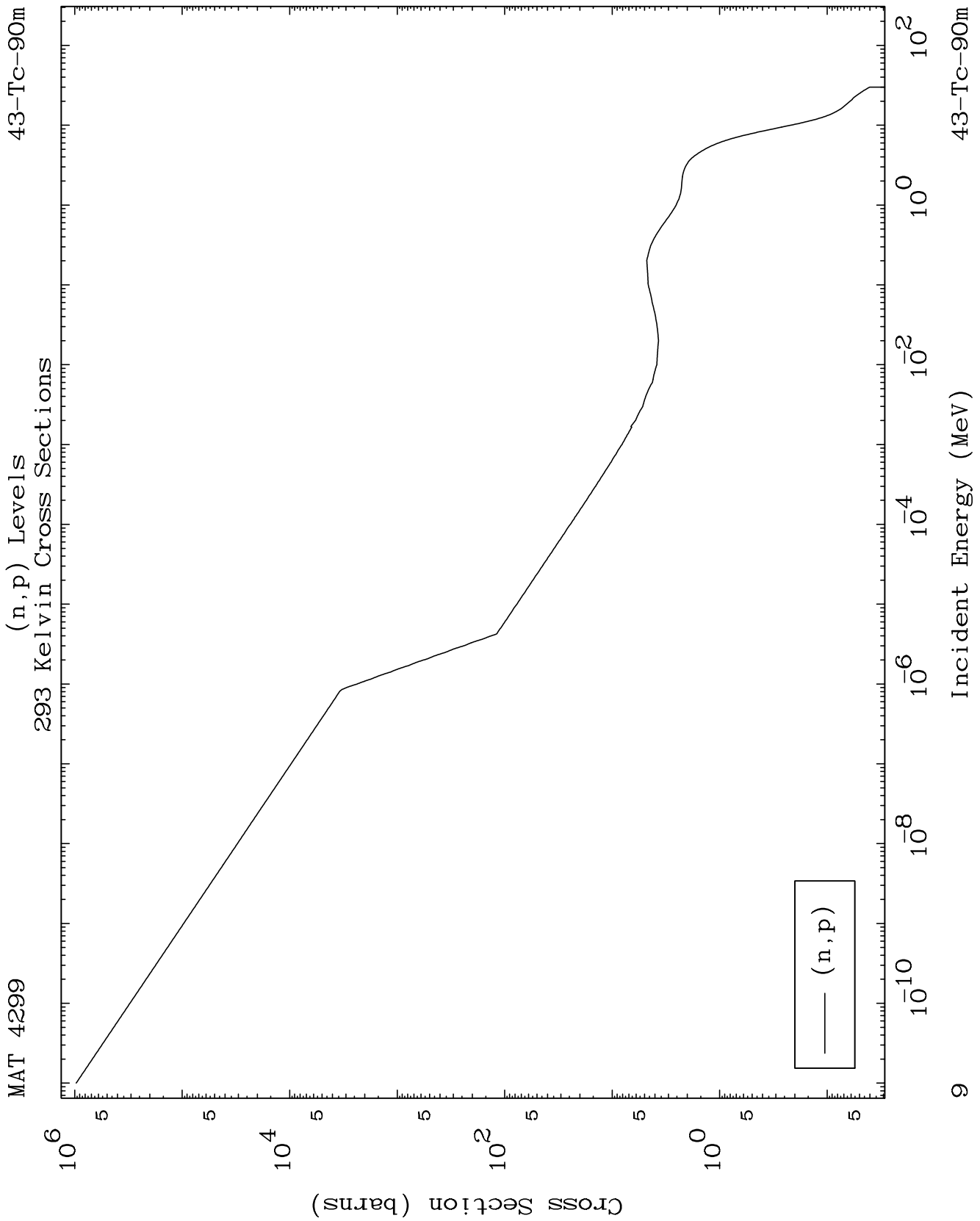


MAT 4299

(n,n') Levels
293 Kelvin Cross Sections

43-Tc-90m

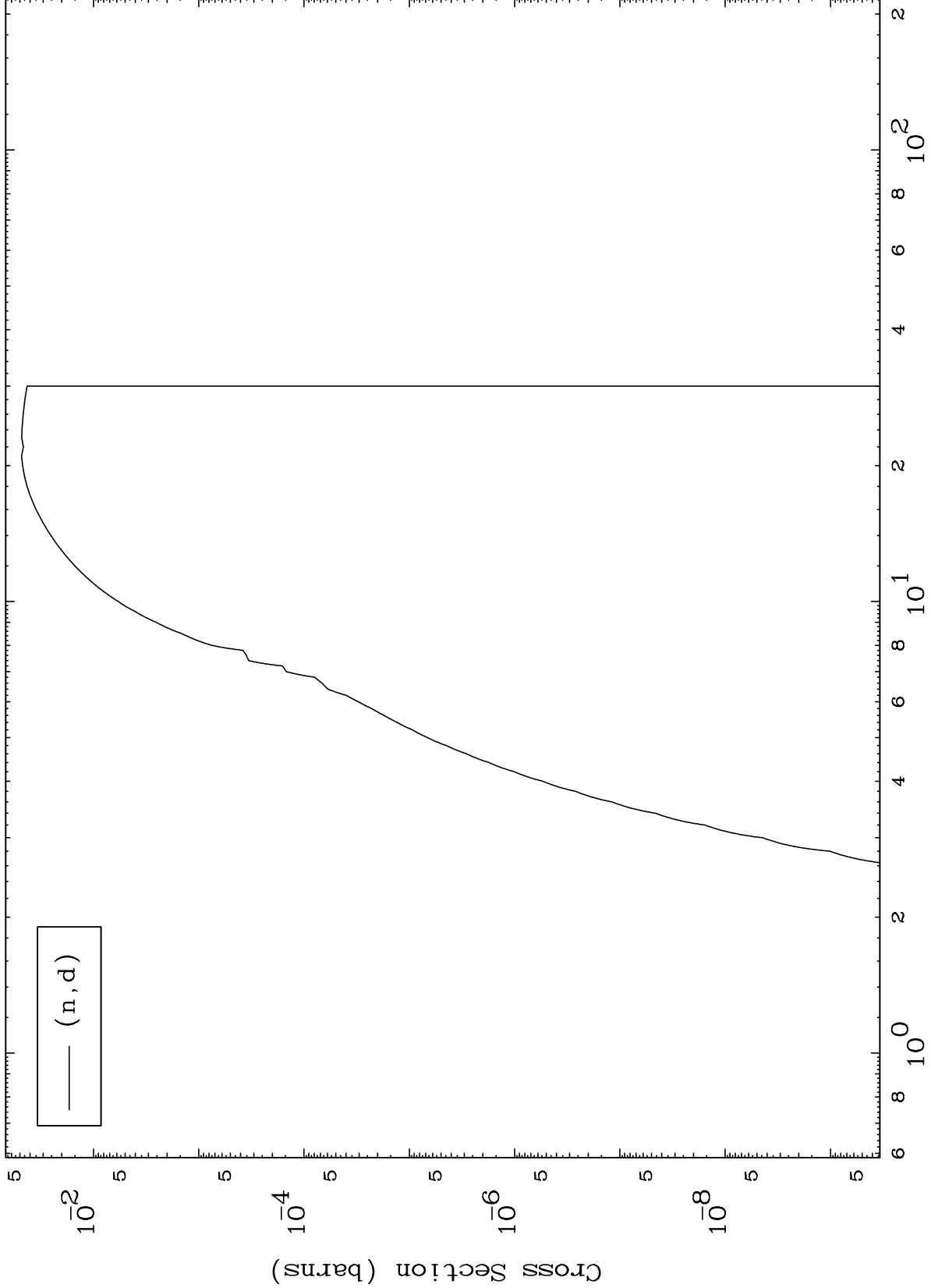




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(n,d) Levels
293 Kelvin Cross Sections

43-Tc-90m



10

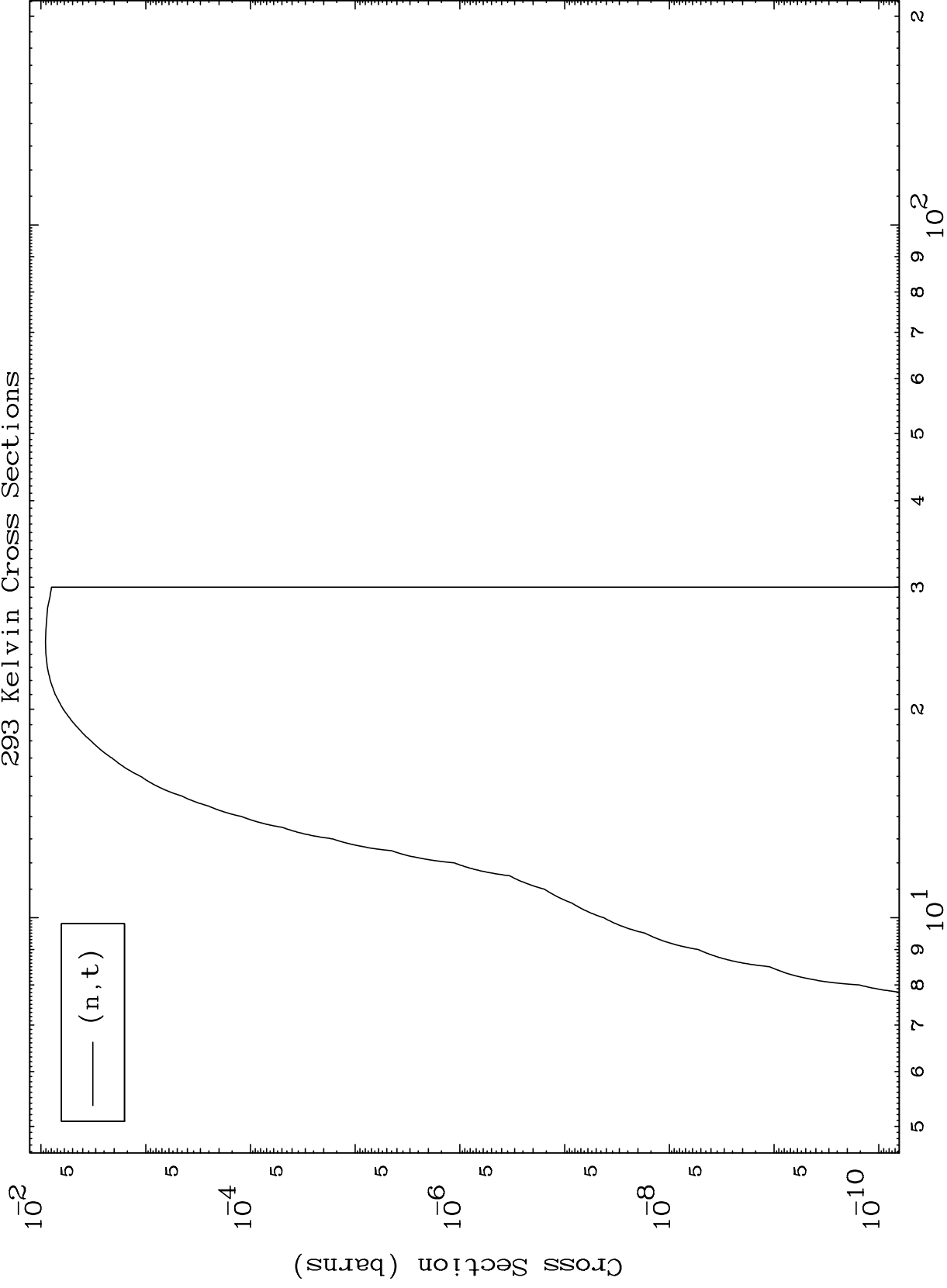
Incident Energy (MeV)

43-Tc-90m

MAT 4299

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-90m



11

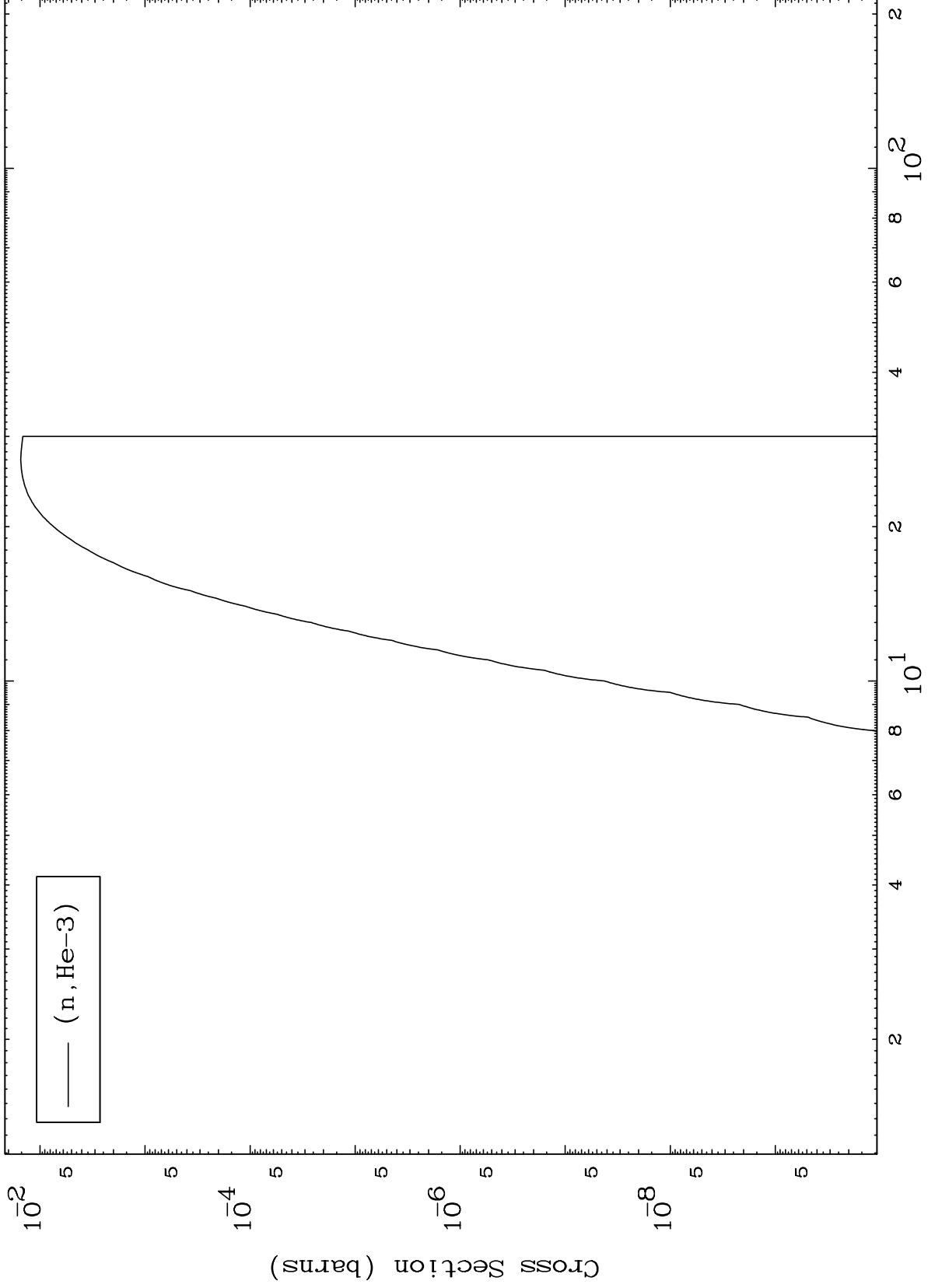
Incident Energy (MeV)

43-Tc-90m

MAT 4299

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-90m



12

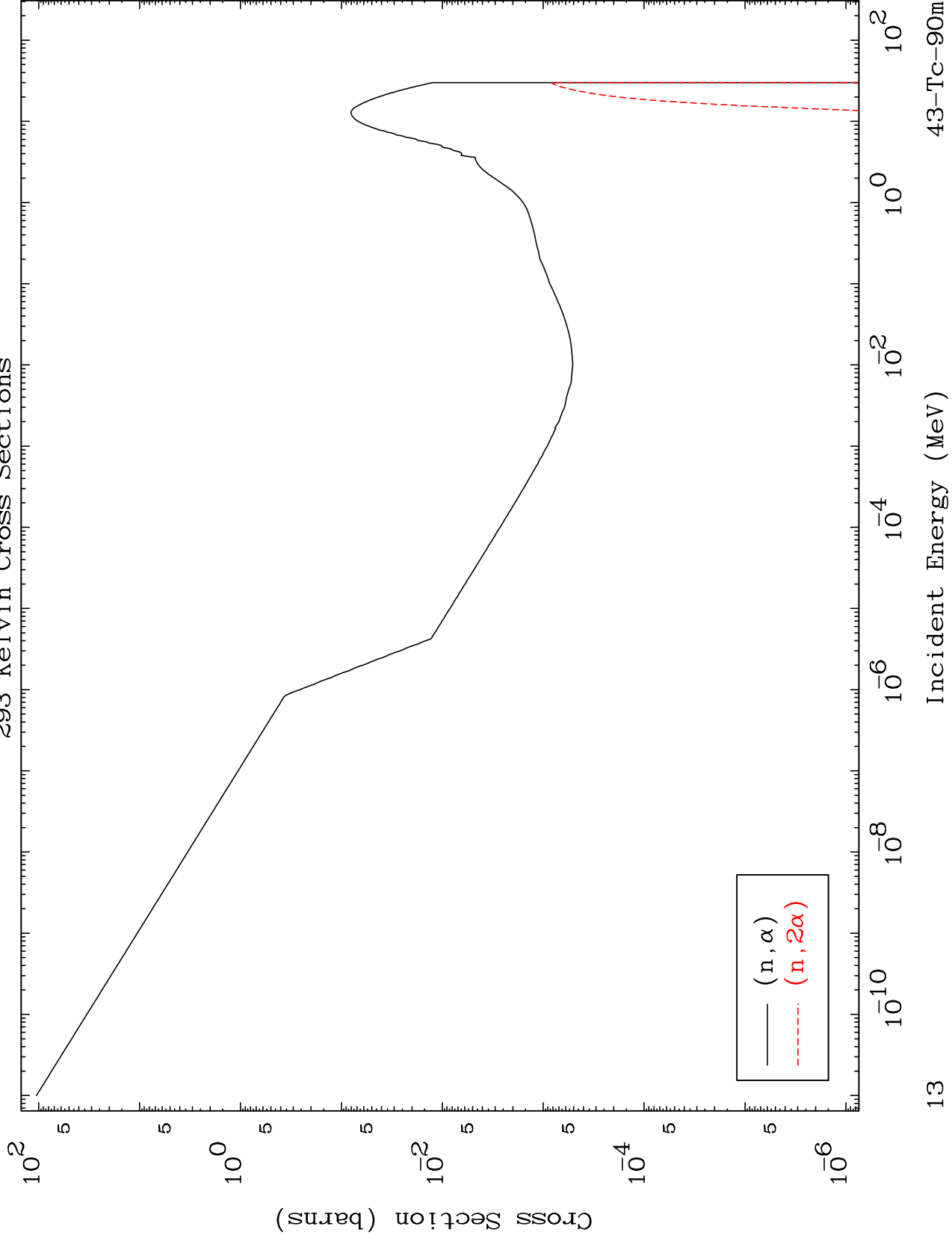
Incident Energy (MeV)

43-Tc-90m

MAT 4299

(n,α) Levels
293 Kelvin Cross Sections

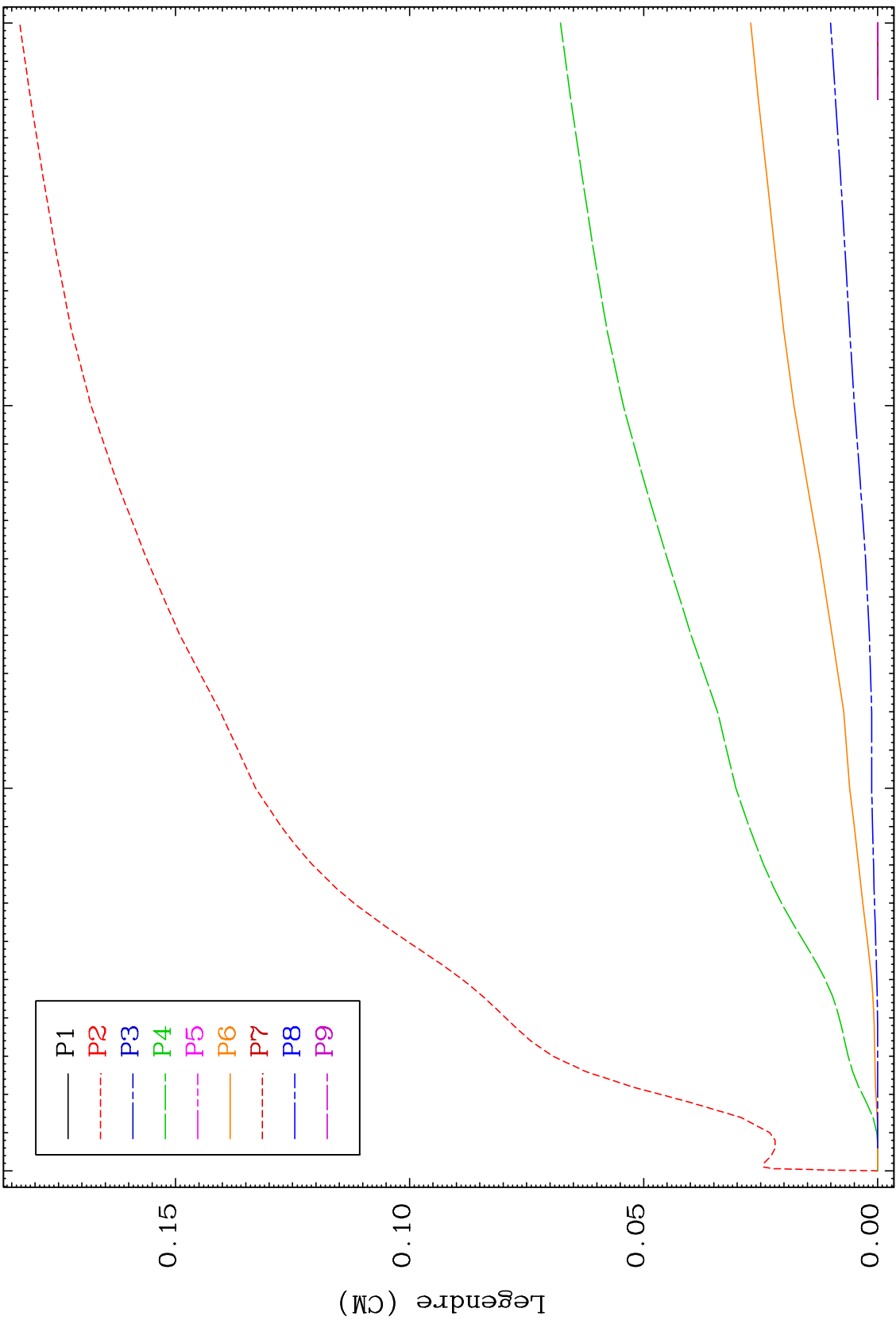
43-Tc-90m



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Elastic Legendre Coefficients

43-Tc-90m



14

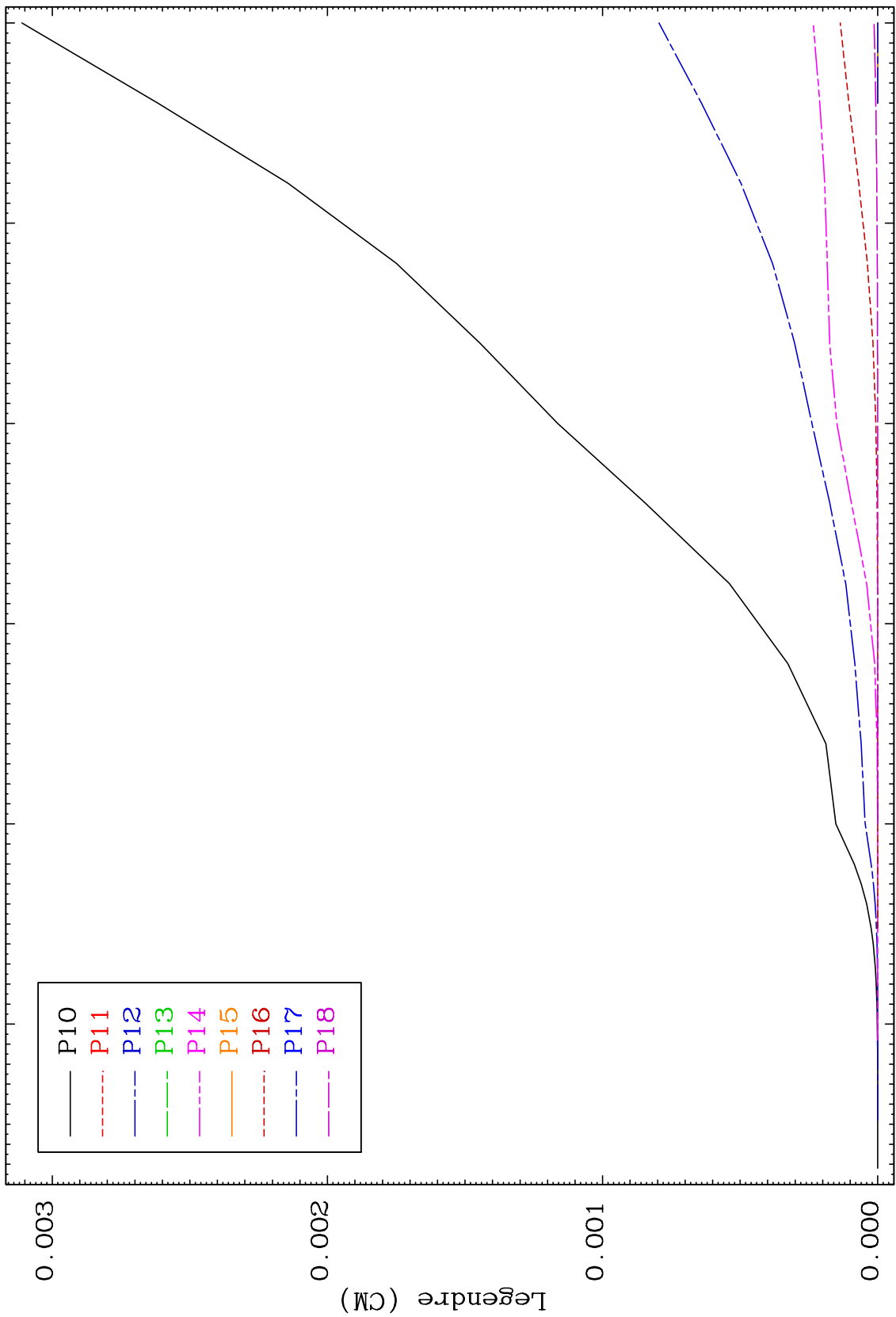
Incident Energy (MeV)

43-Tc-90m

MAT 4299

Elastic Legendre Coefficients

43-Tc-90m



15

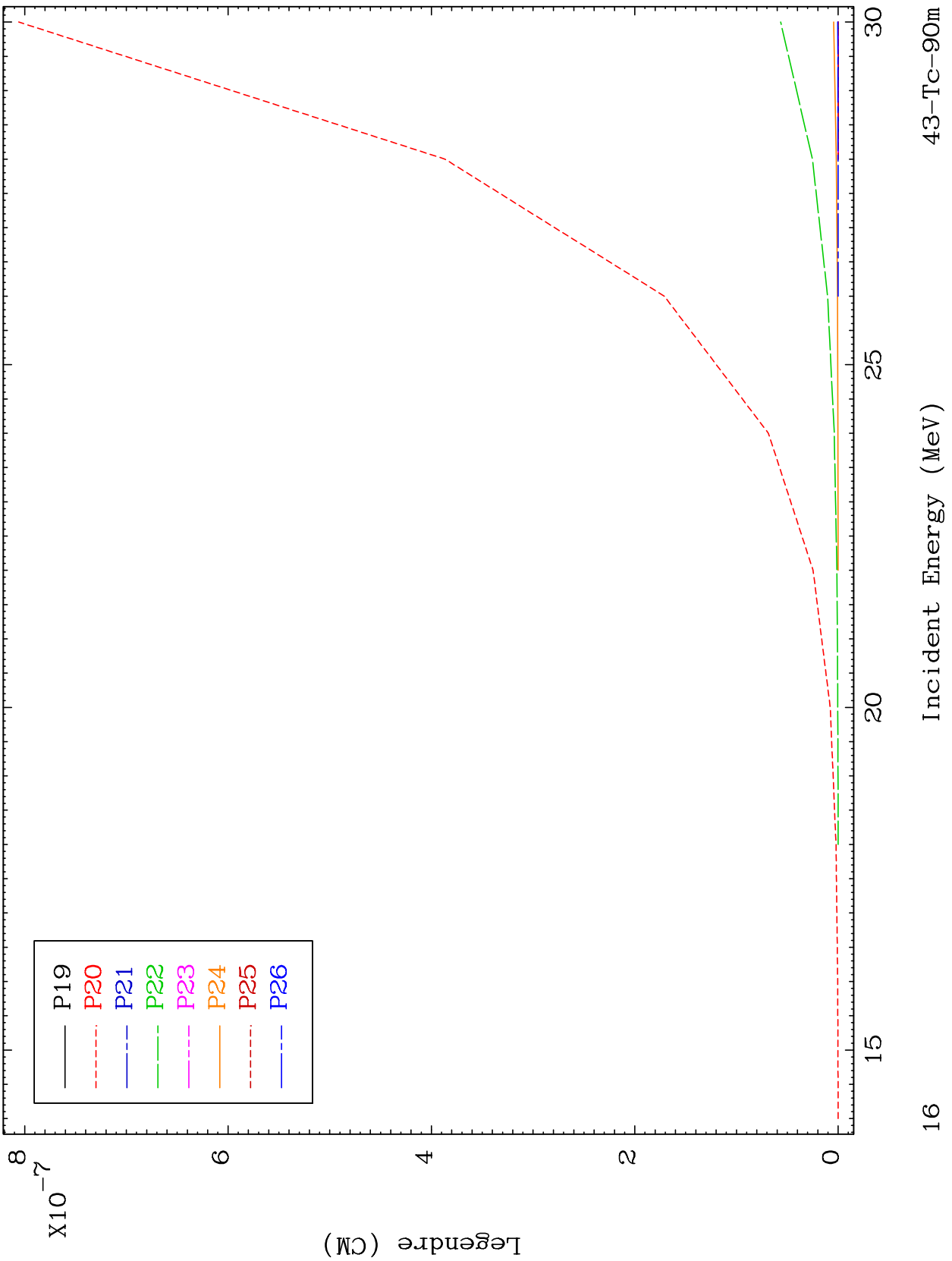
Incident Energy (MeV)

43-Tc-90m

MAT 4299

Elastic Legendre Coefficients

43-Tc-90m



16

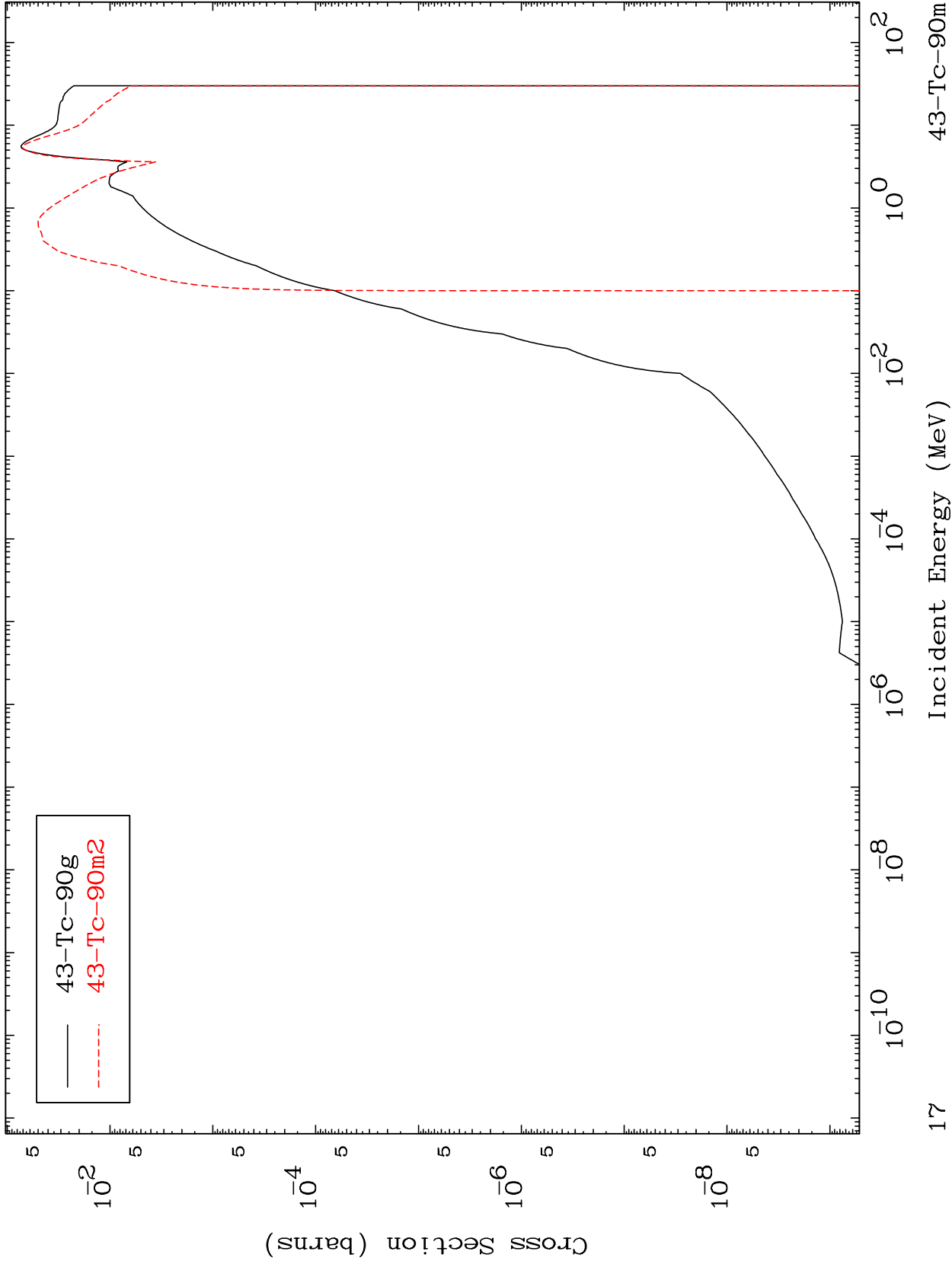
Incident Energy (MeV)

43-Tc-90m

MAT 4299

Inelastic
Radionuclide Production Cross Section

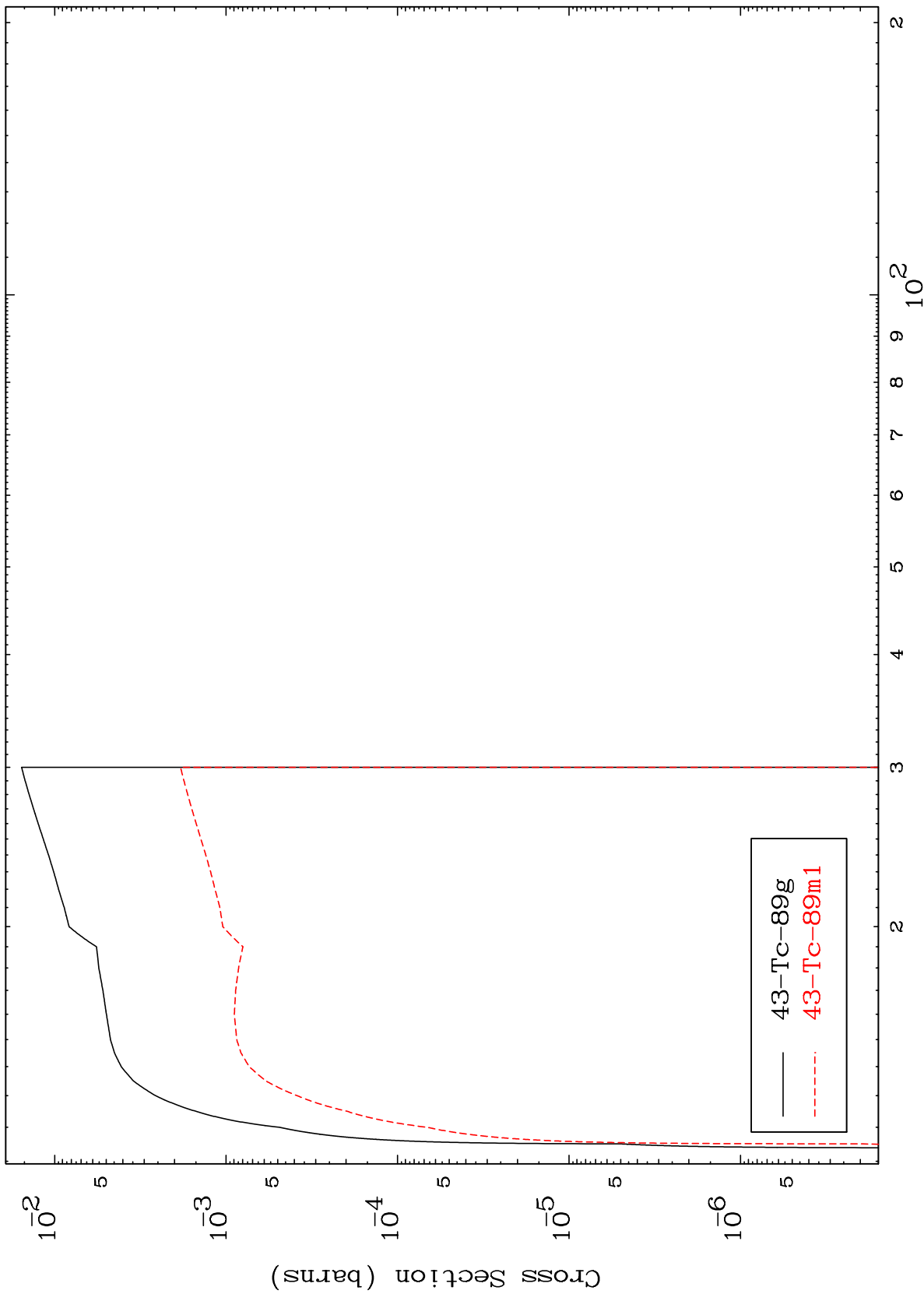
43-Tc-90m



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43-Tc-90m

(n,2n)
Radionuclide Production Cross Section



43-Tc-90m

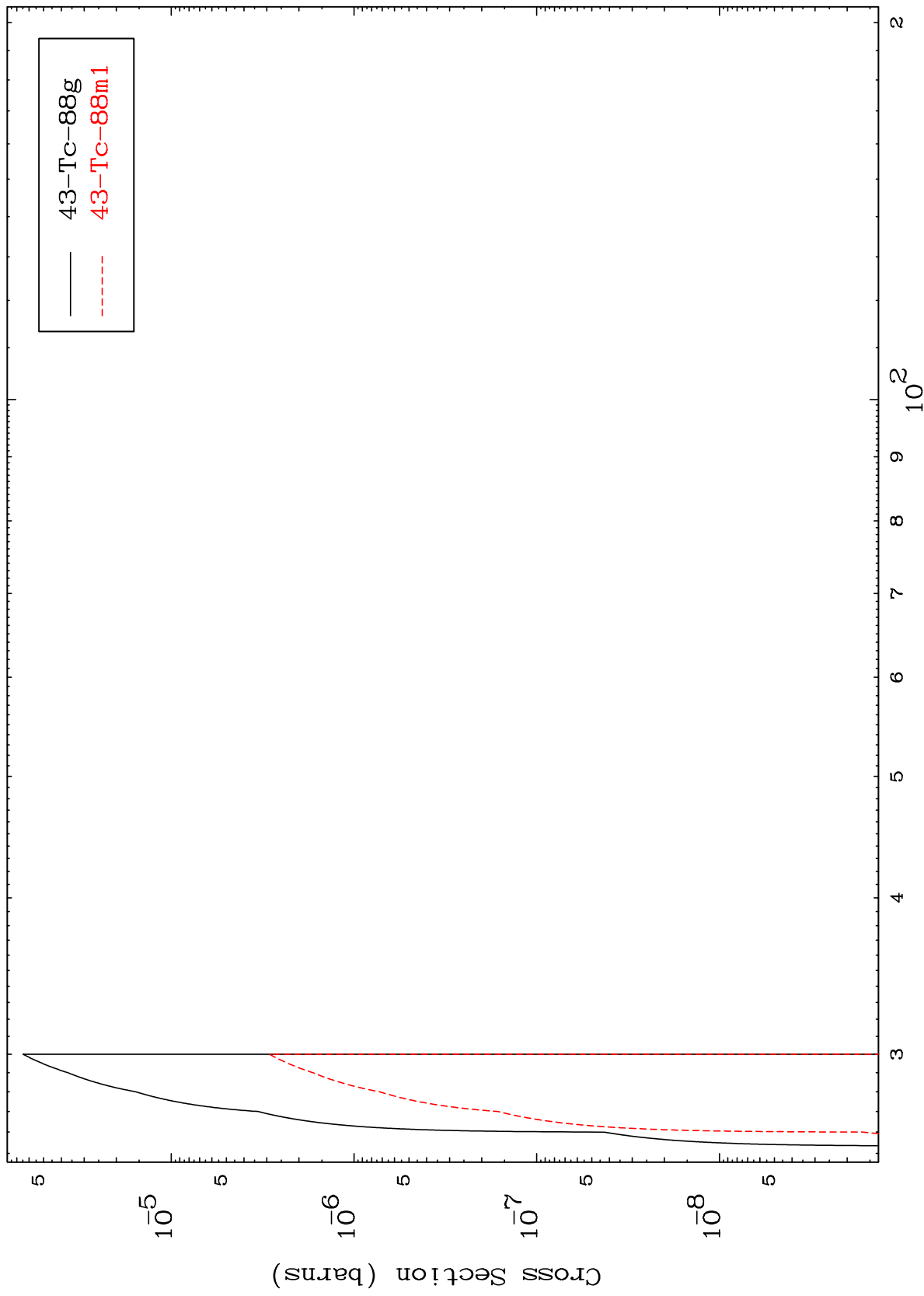
Incident Energy (MeV)

18

MAT 4299

43-Tc-90m

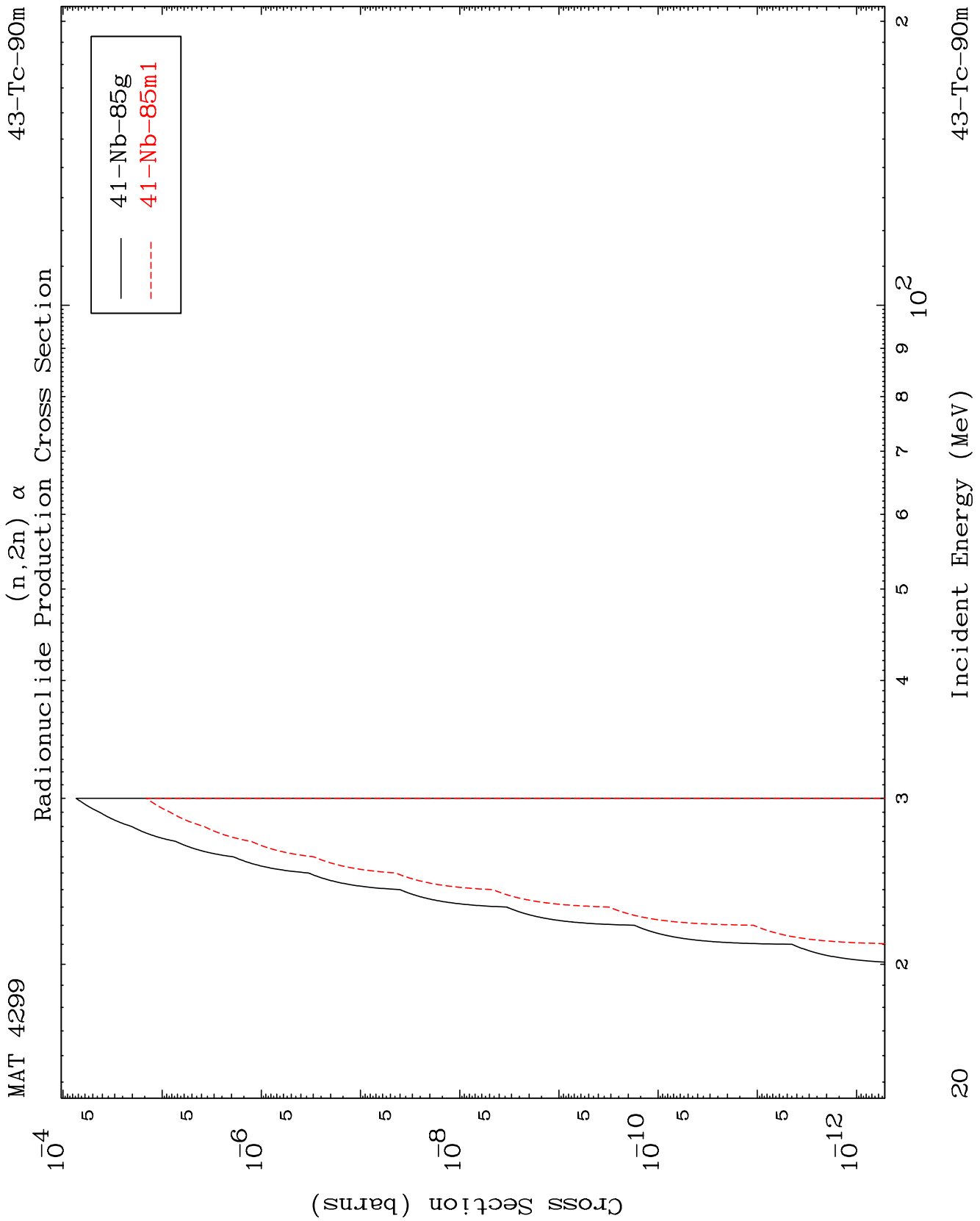
(n,3n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

43-Tc-90m

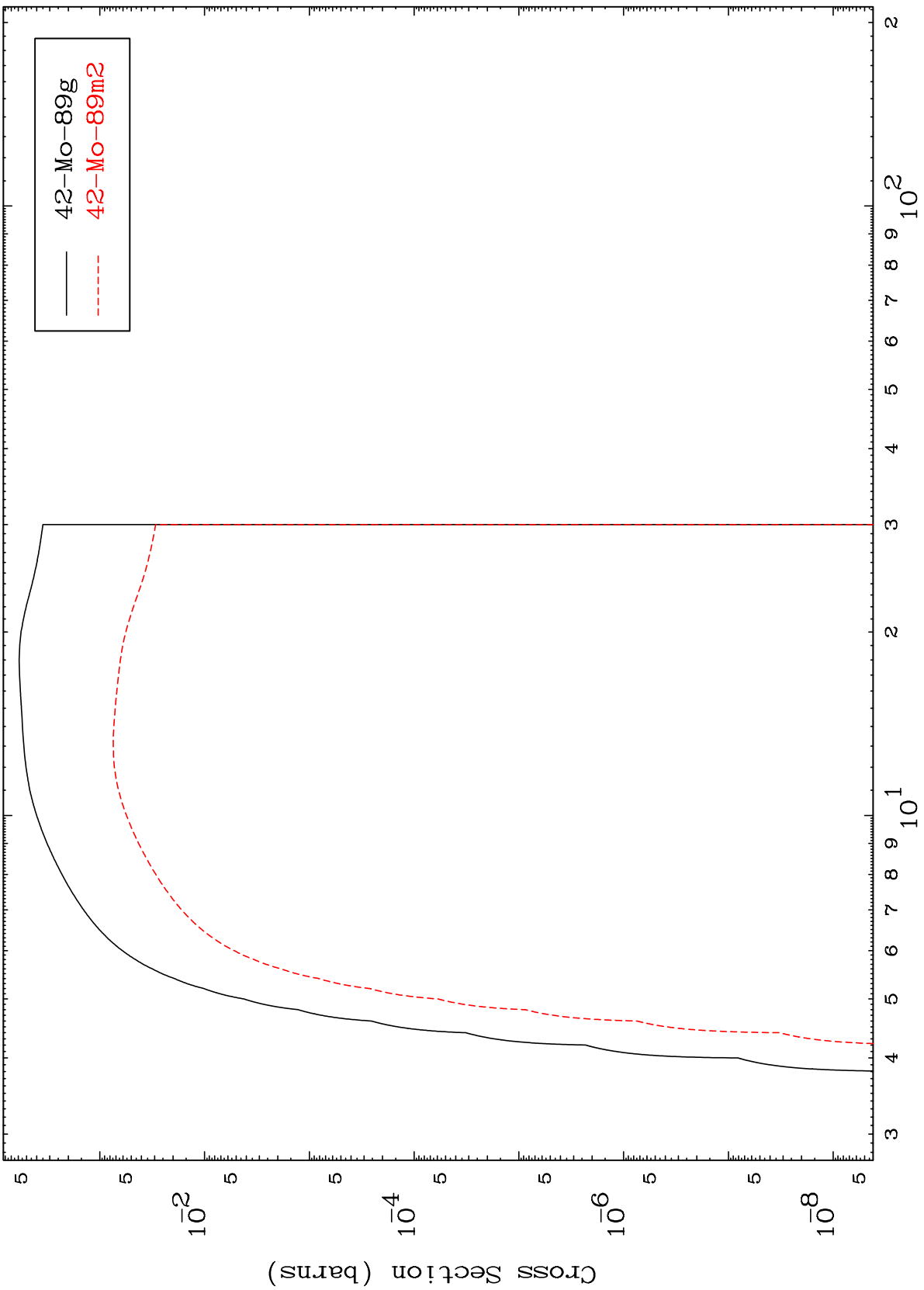


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(n,n') p

43-Tc-90m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

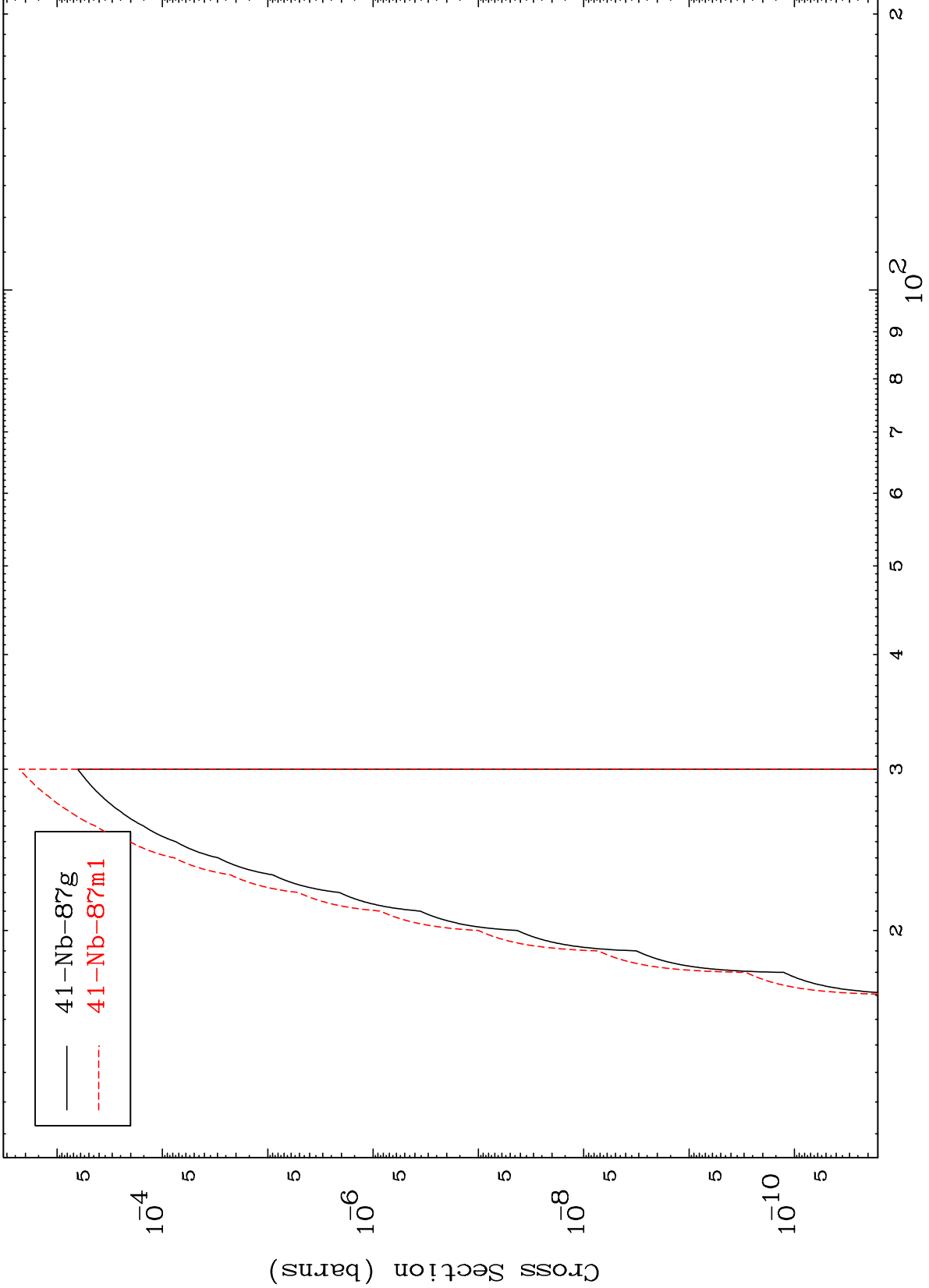
43-Tc-90m

MAT 4299

(n,n') He-3

43-Tc-90m

Radionuclide Production Cross Section

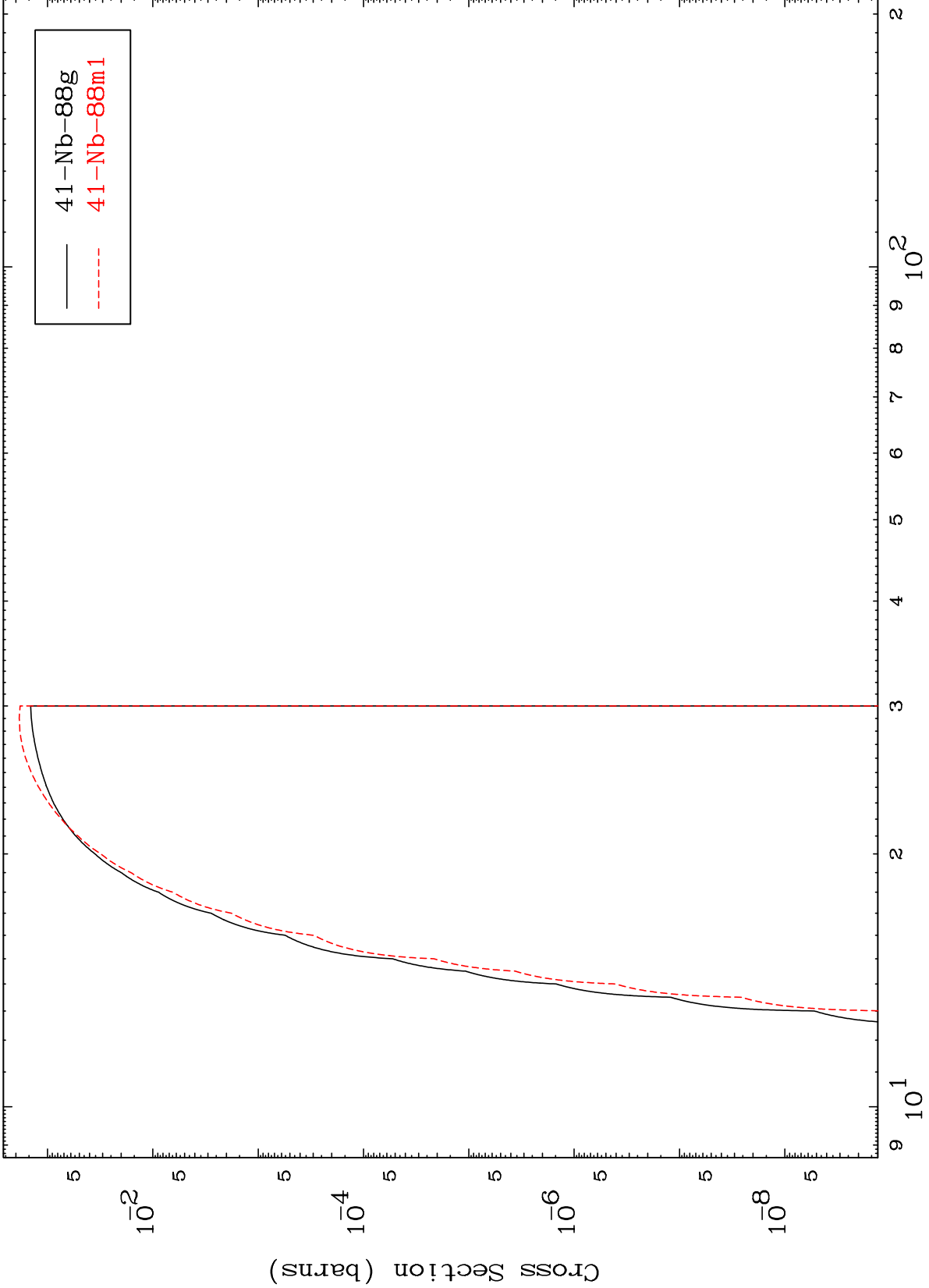


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(n,2n) p

43-Tc-90m

Radionuclide Production Cross Section



41-Nb-88g
41-Nb-88m1

23

Incident Energy (MeV)

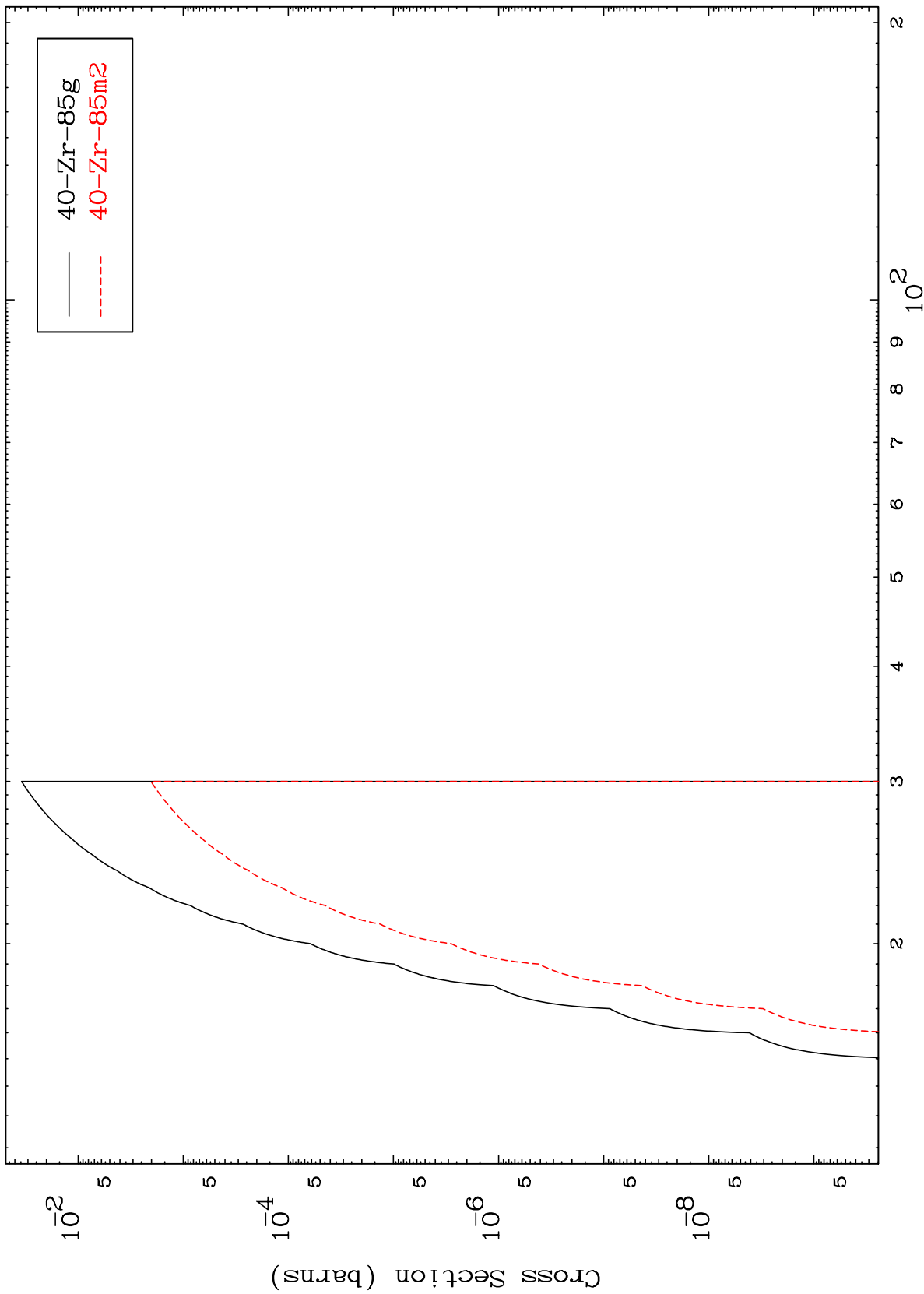
43-Tc-90m

MAT 4299

(n,n') p α

43-Tc-90m

Radionuclide Production Cross Section



24

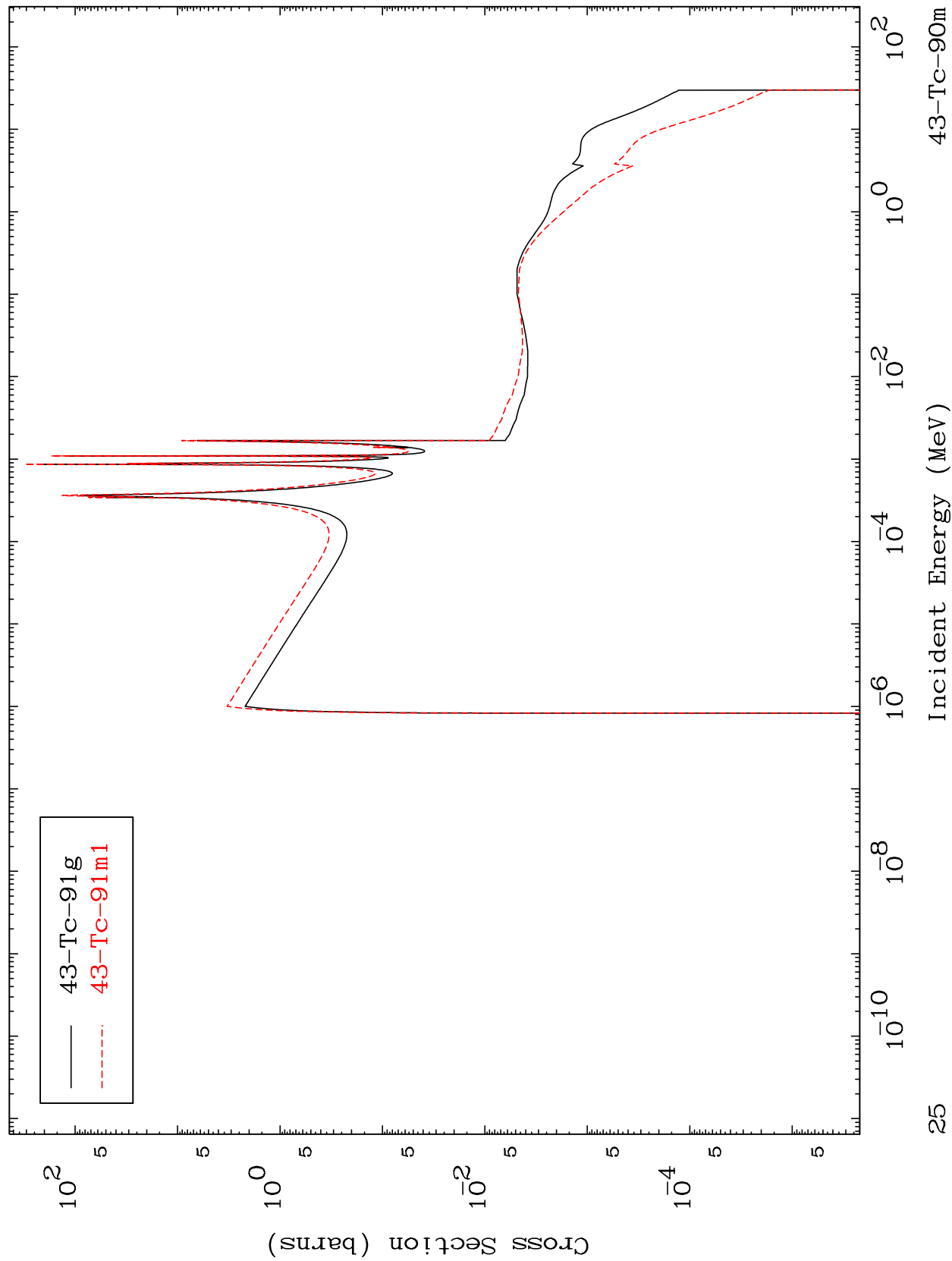
Incident Energy (MeV)

43-Tc-90m

MAT 4299

43-Tc-90m

(n, γ)
Radionuclide Production Cross Section



25

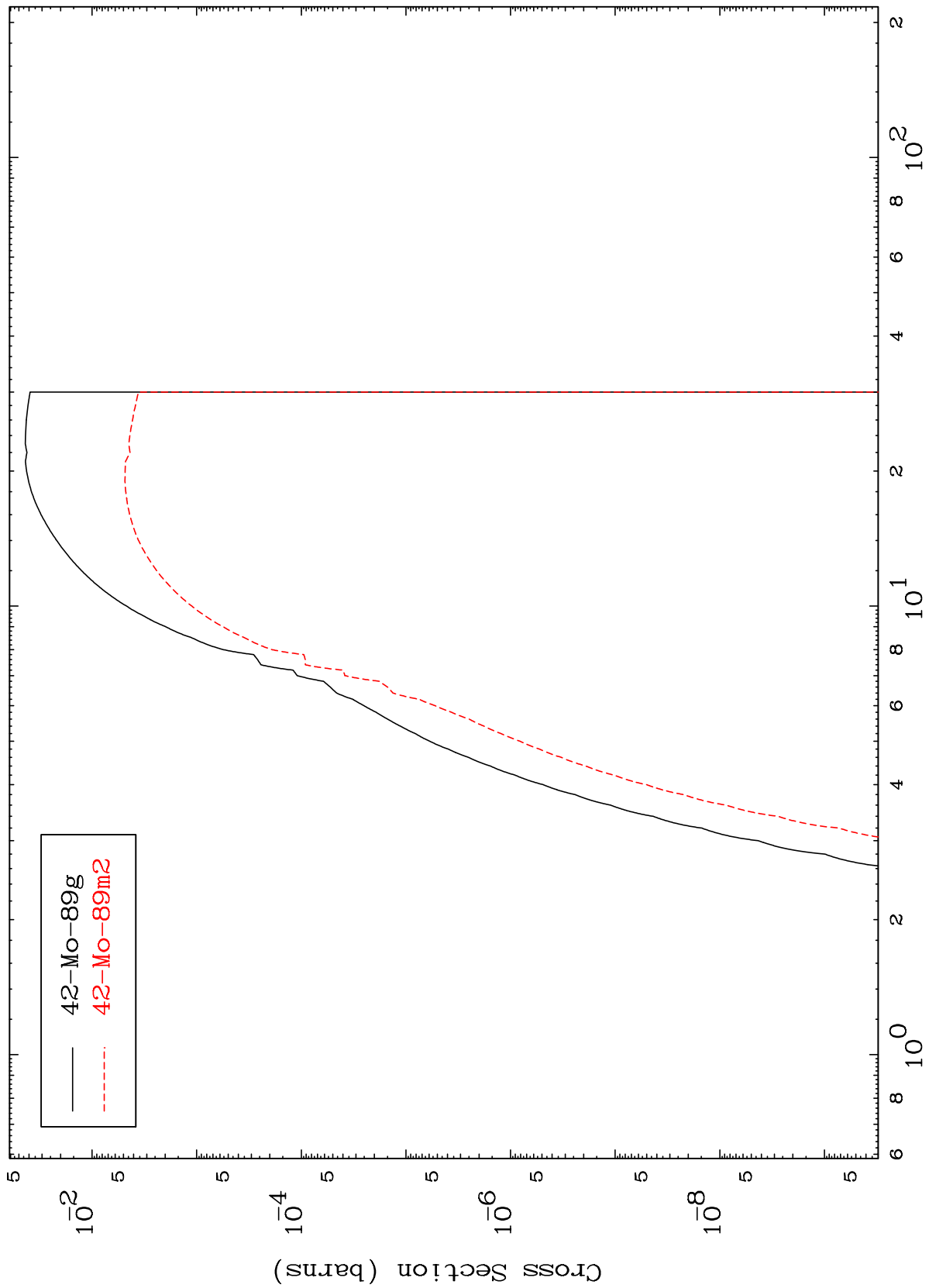
43-Tc-90m

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(n,d)

⁴³Tc-90m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

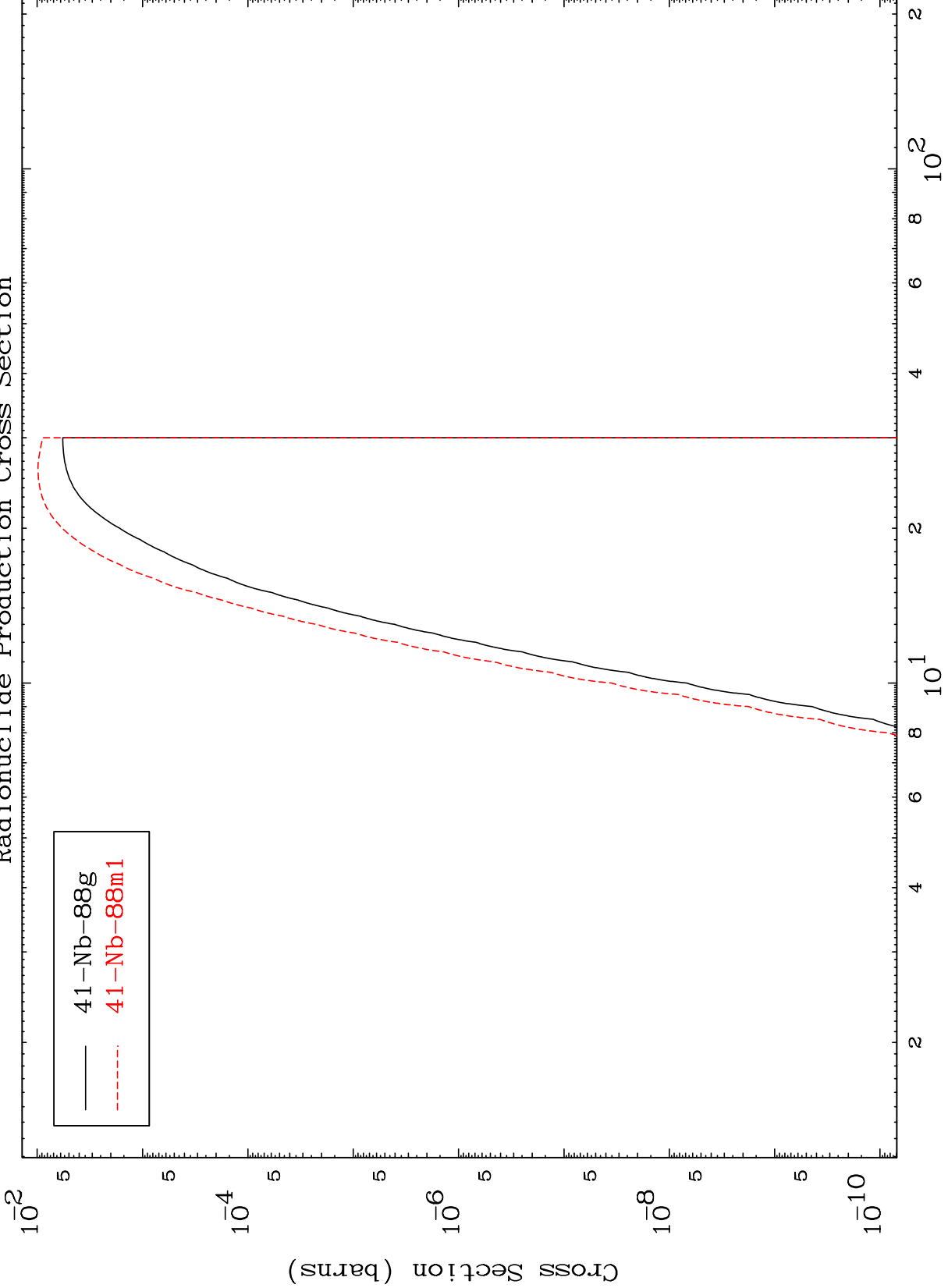
⁴³Tc-90m

MAT 4299

(n,He-3)

43-Tc-90m

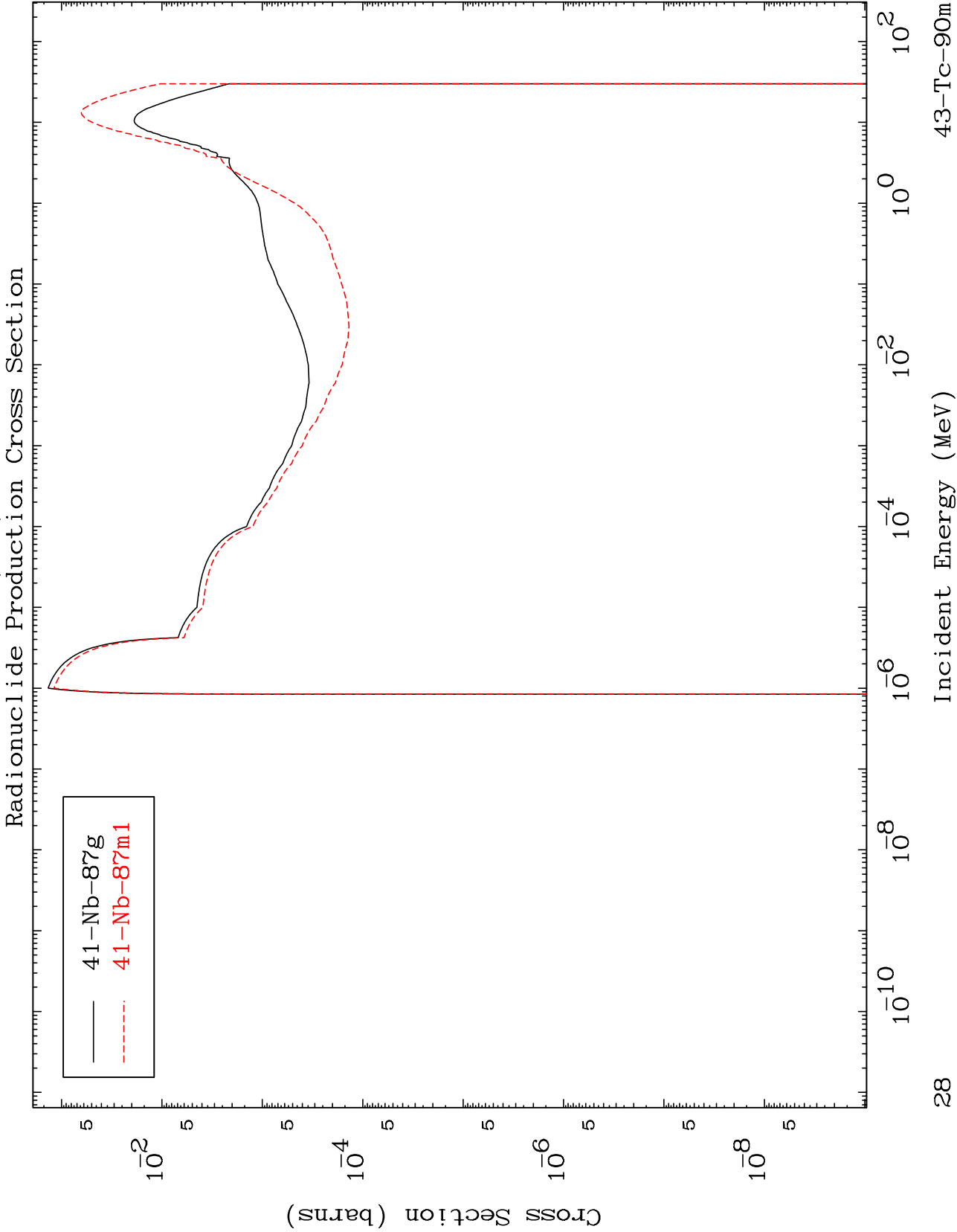
Radionuclide Production Cross Section



— 41-Nb-88g
- - - 41-Nb-88m1

MAT 4299

43-Tc-90m

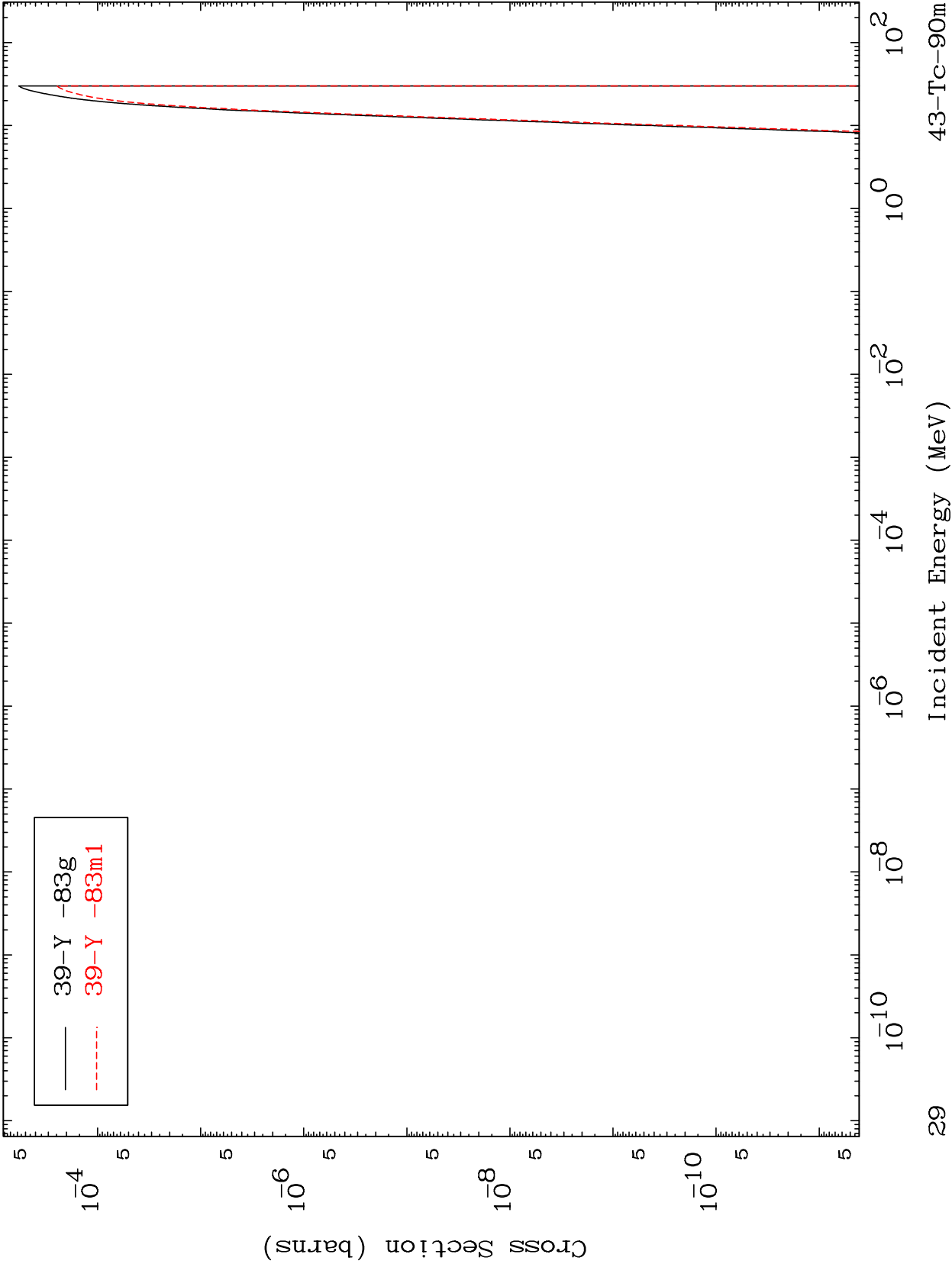


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(n,2α)

⁴³Tc-90m

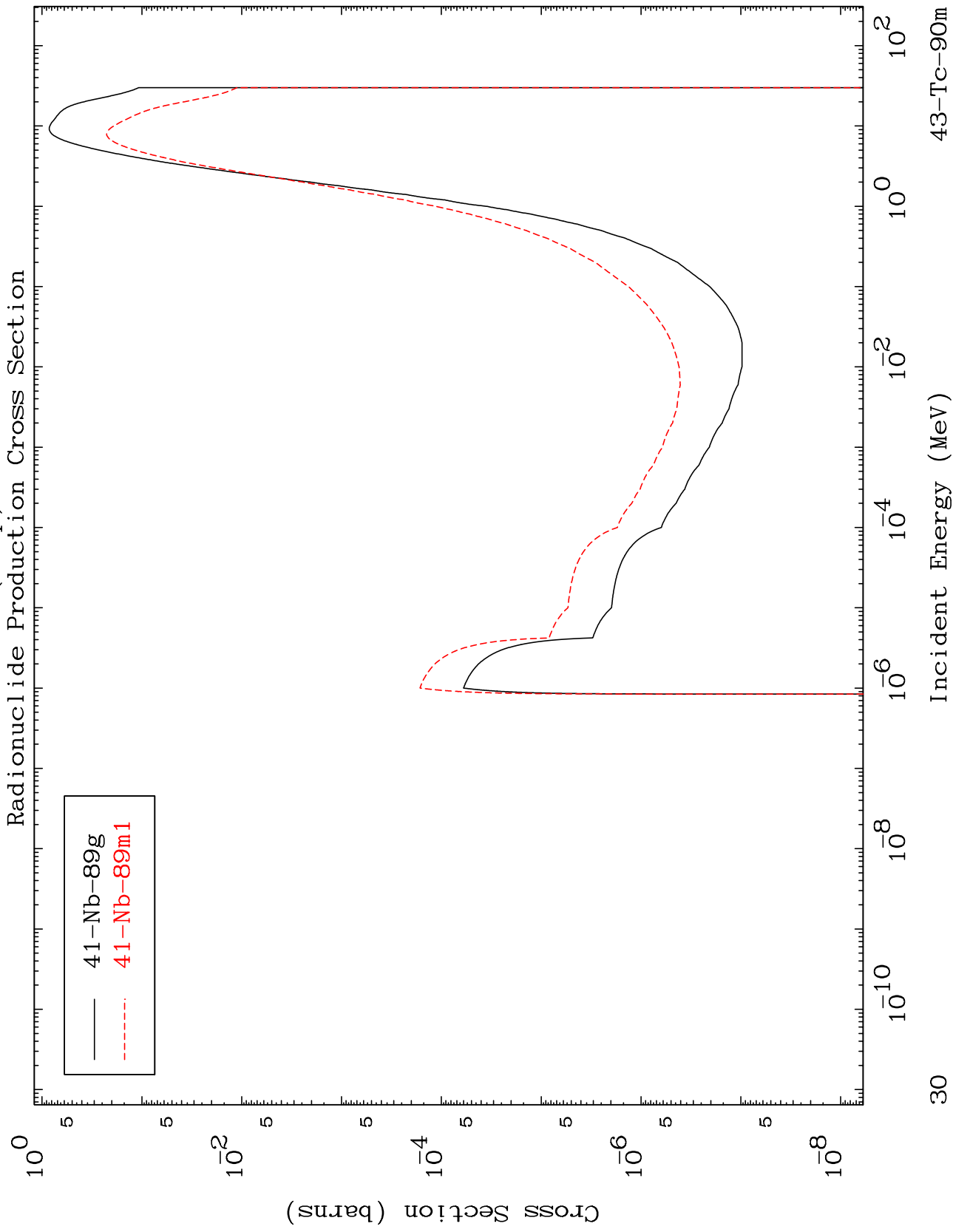
Radionuclide Production Cross Section



MAT 4299

43-Tc-90m

(n,2p)
Radionuclide Production Cross Section



— 41-Nb-89g
- - - 41-Nb-89m1

30

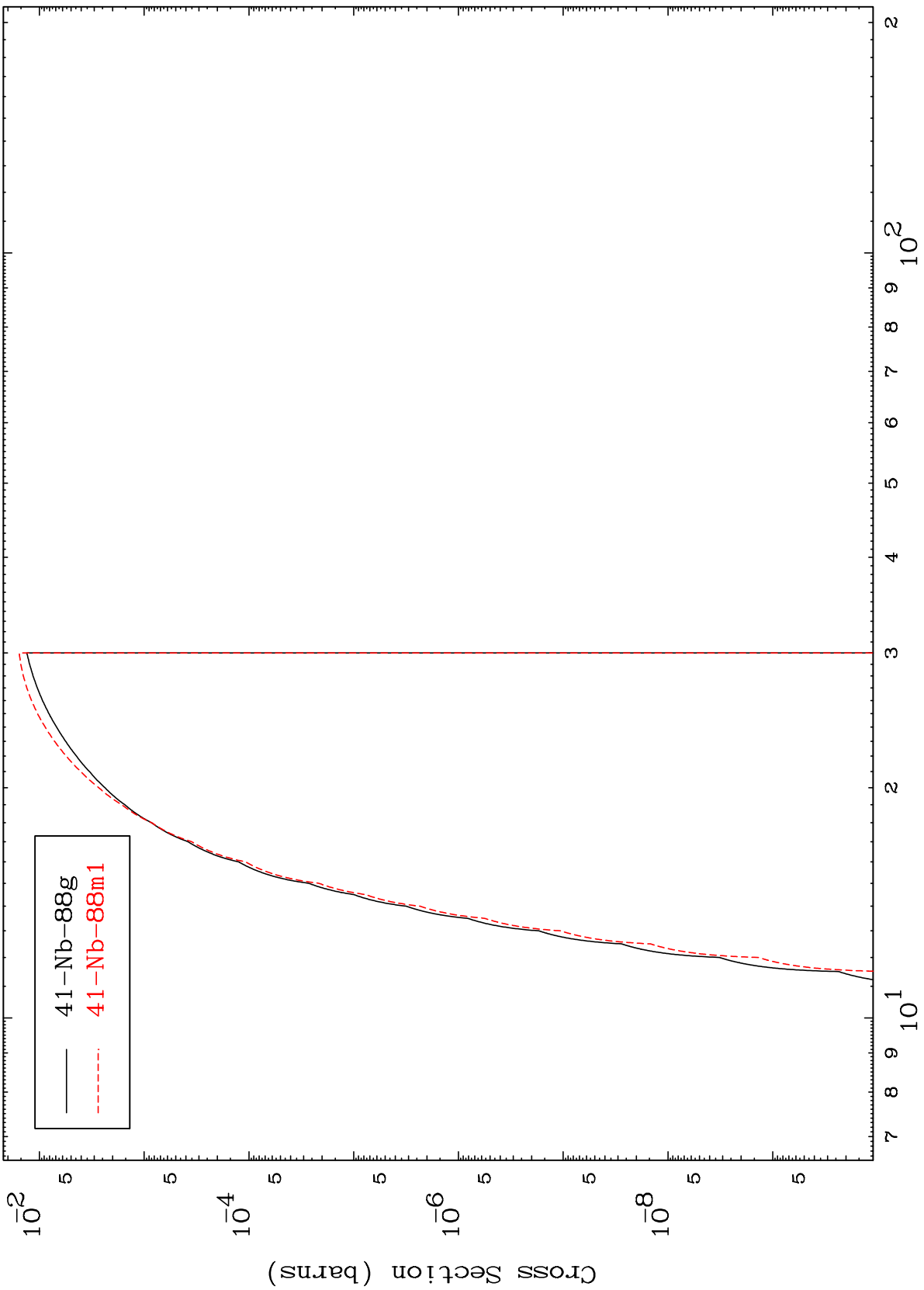
43-Tc-90m

MAT 4299

(n,p) d

43-Tc-90m

Radionuclide Production Cross Section



31

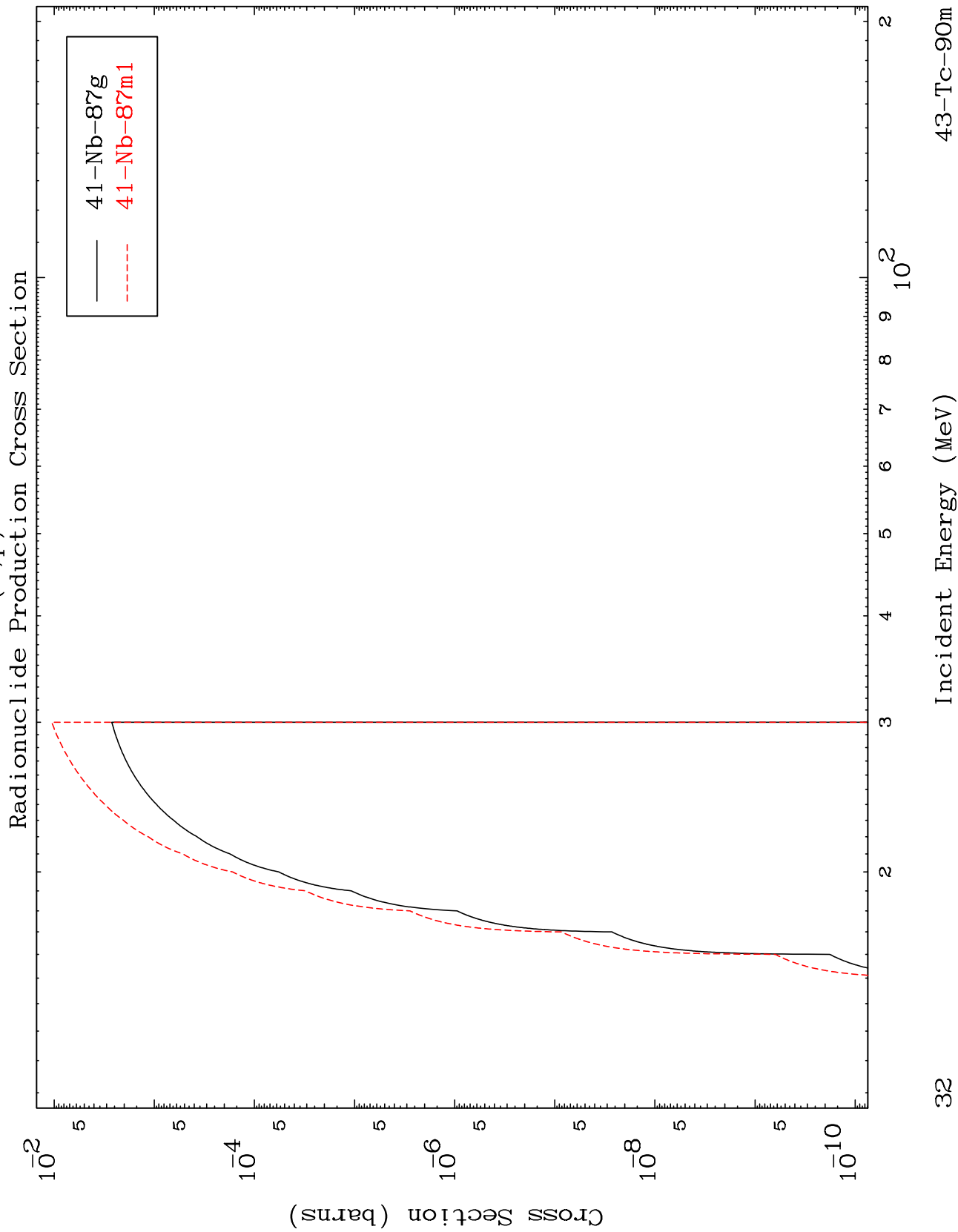
Incident Energy (MeV)

43-Tc-90m

MAT 4299

(n,p) t

43-Tc-90m



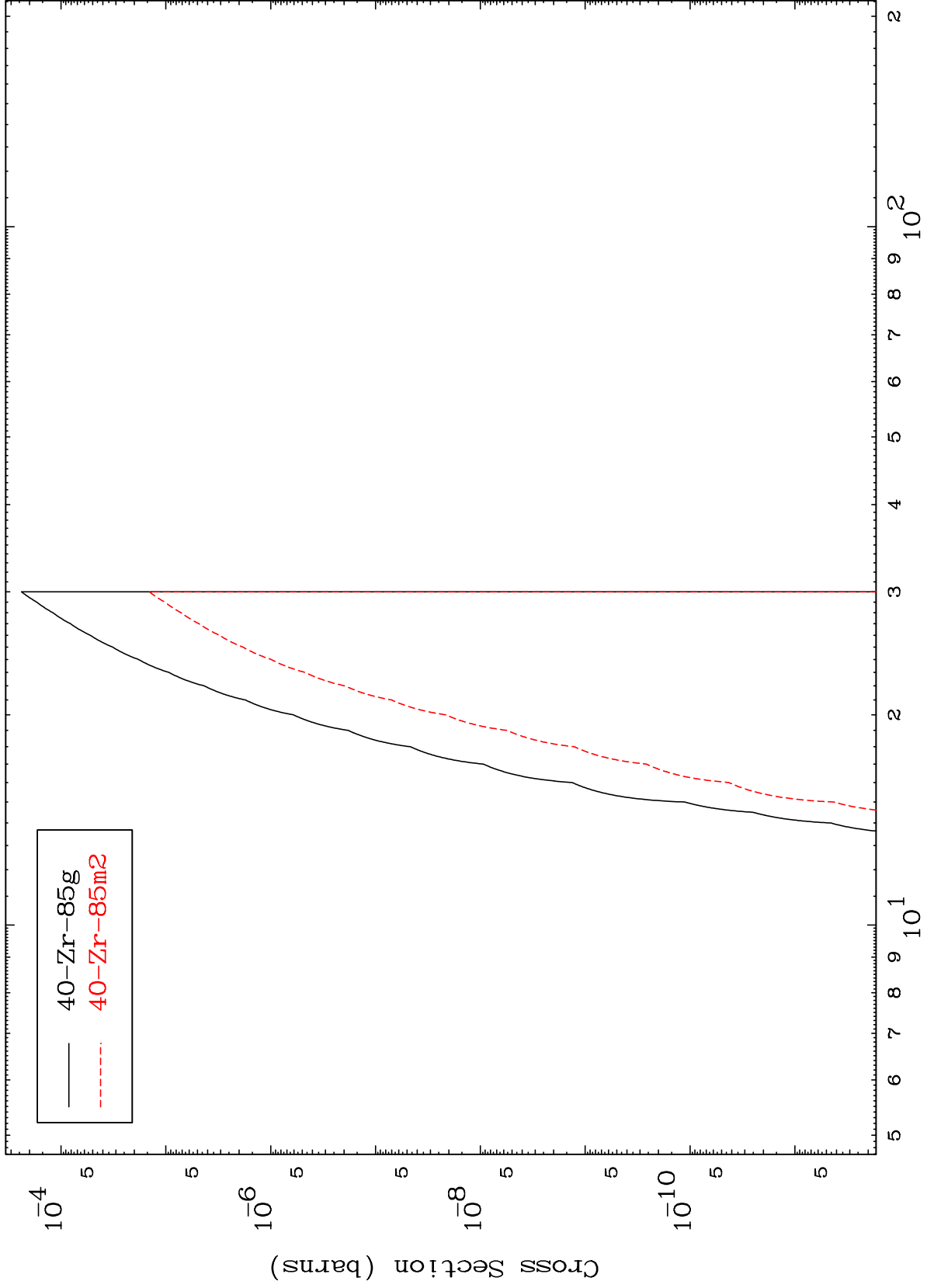
32

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(n,d) α

$^{43}\text{Tc-90m}$

Radionuclide Production Cross Section



33

Incident Energy (MeV)

$^{43}\text{Tc-90m}$