

Program EVALPLOT
(Version 2017-1)

by

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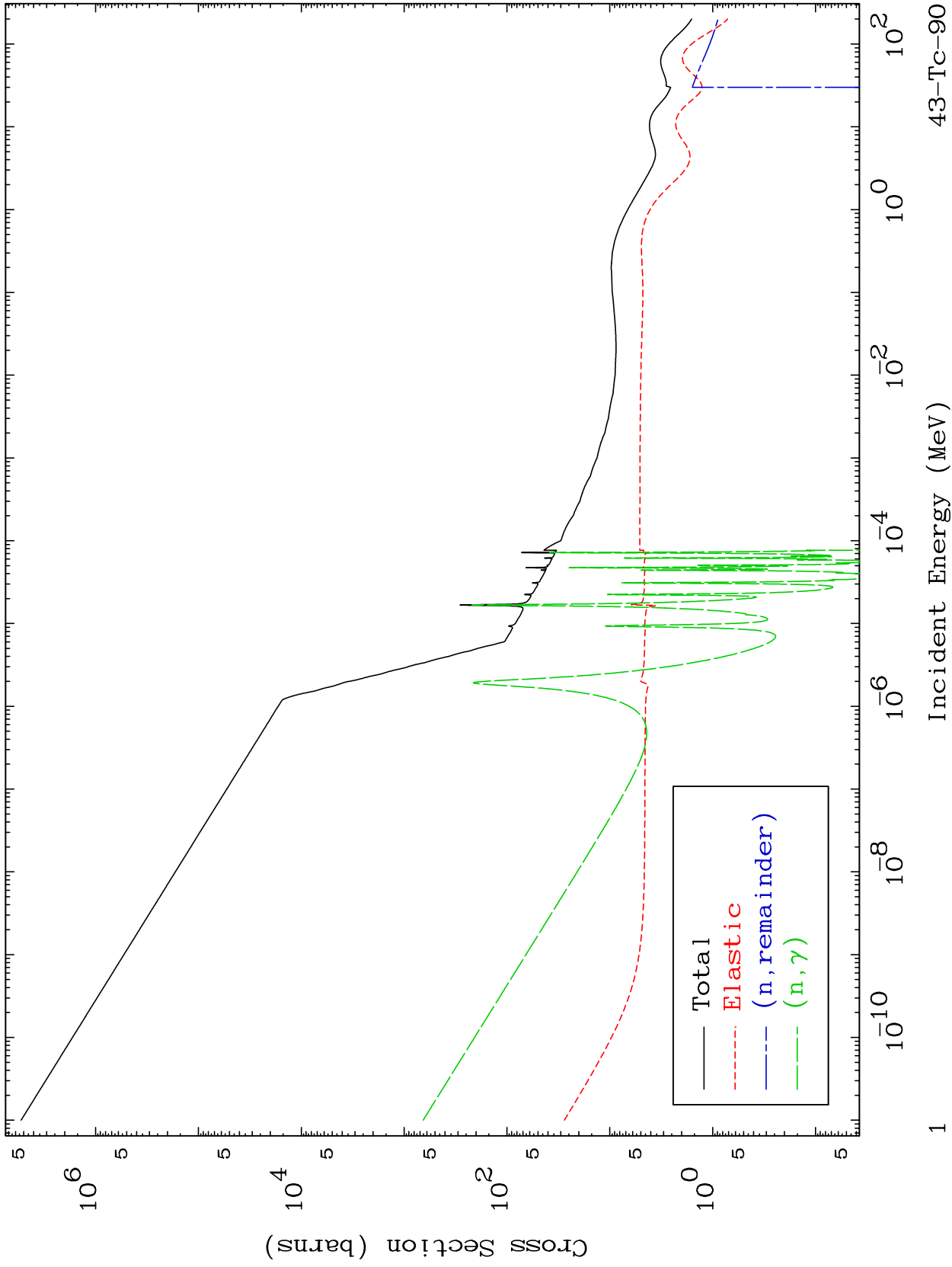
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4299

Major
293 Kelvin Cross Sections

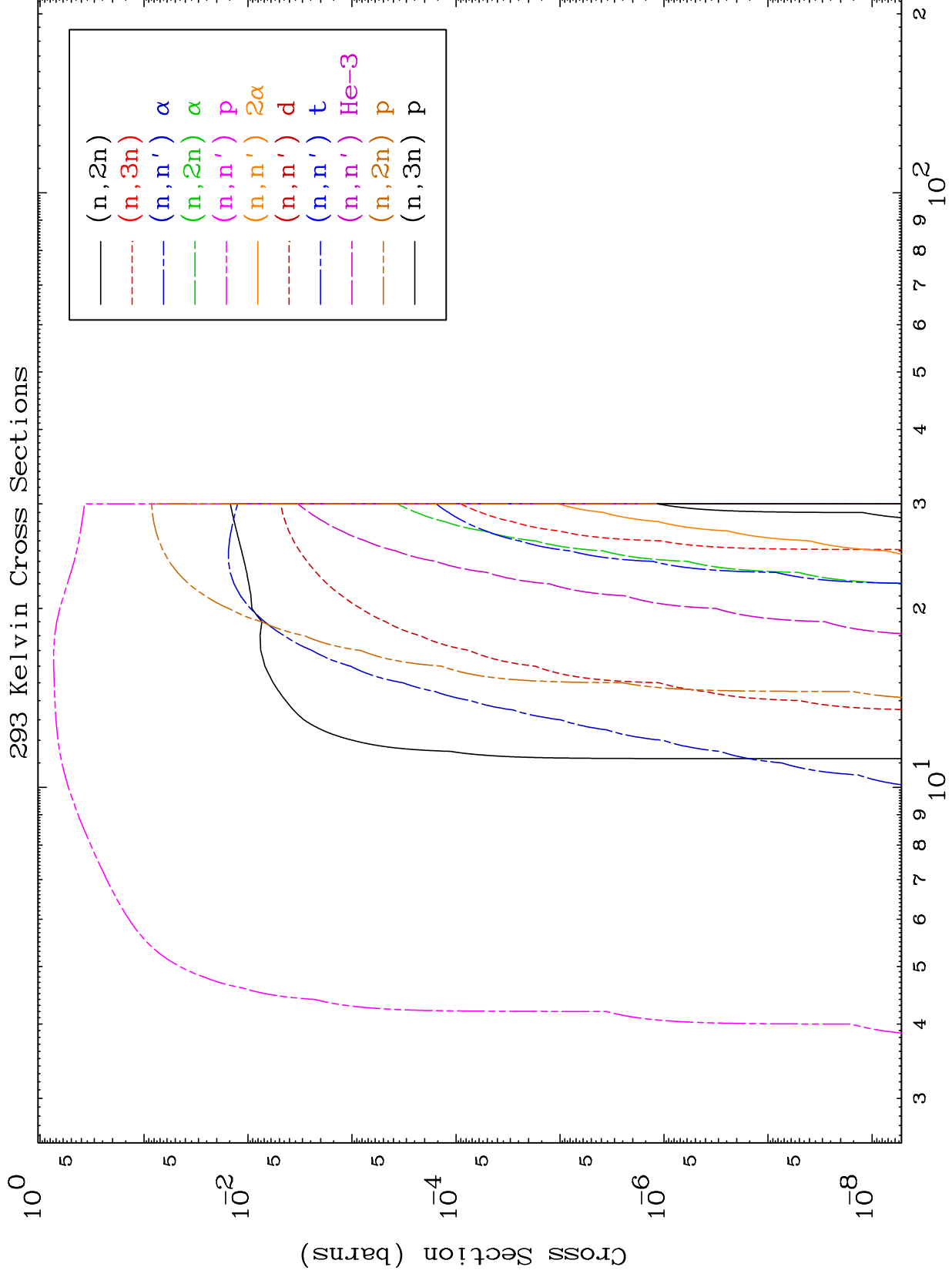
43-Tc-90



MAT 4299

Neutron Production
293 Kelvin Cross Sections

43-Tc-90



2

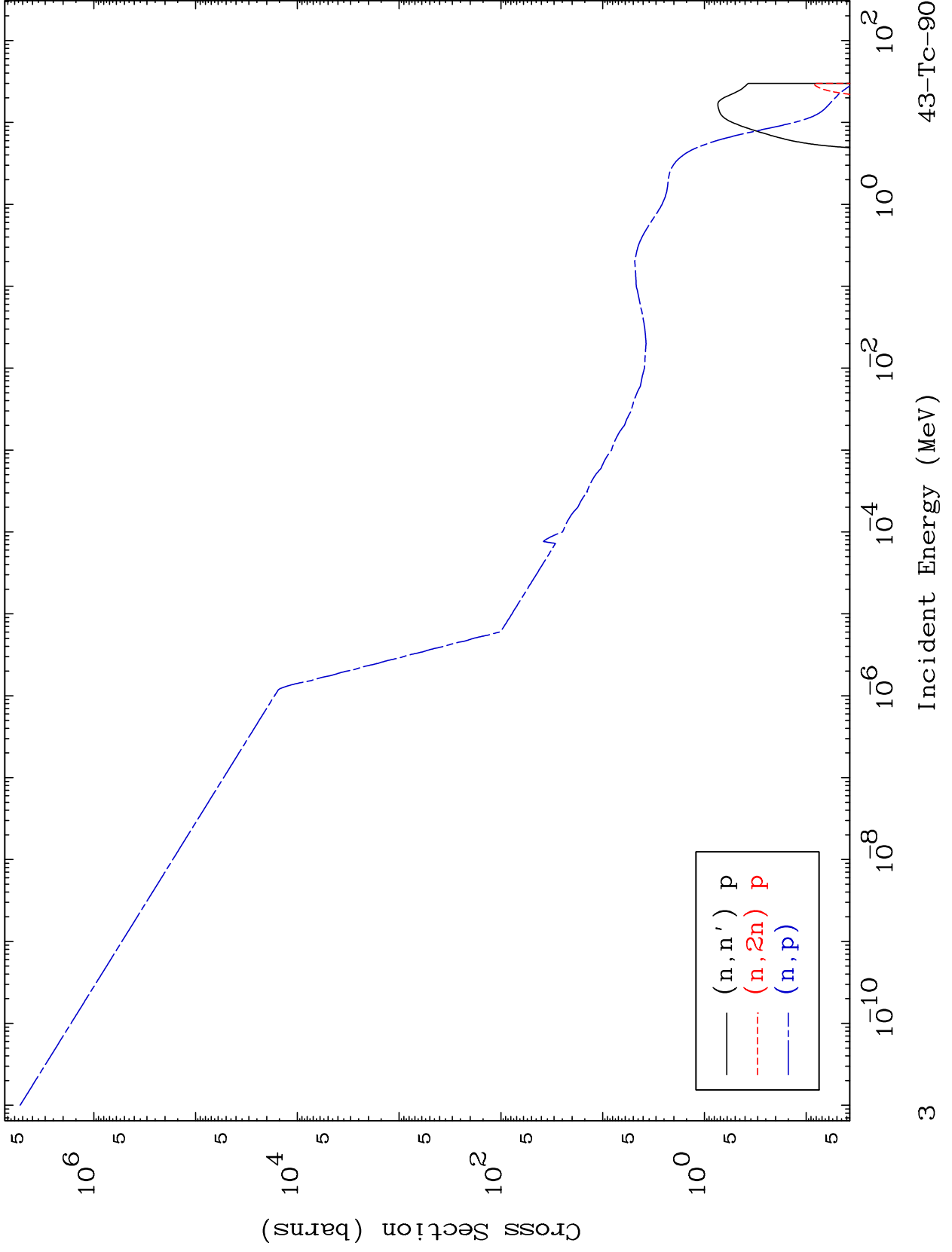
Incident Energy (MeV)

43-Tc-90

MAT 4299

Charged Particle
293 Kelvin Cross Sections

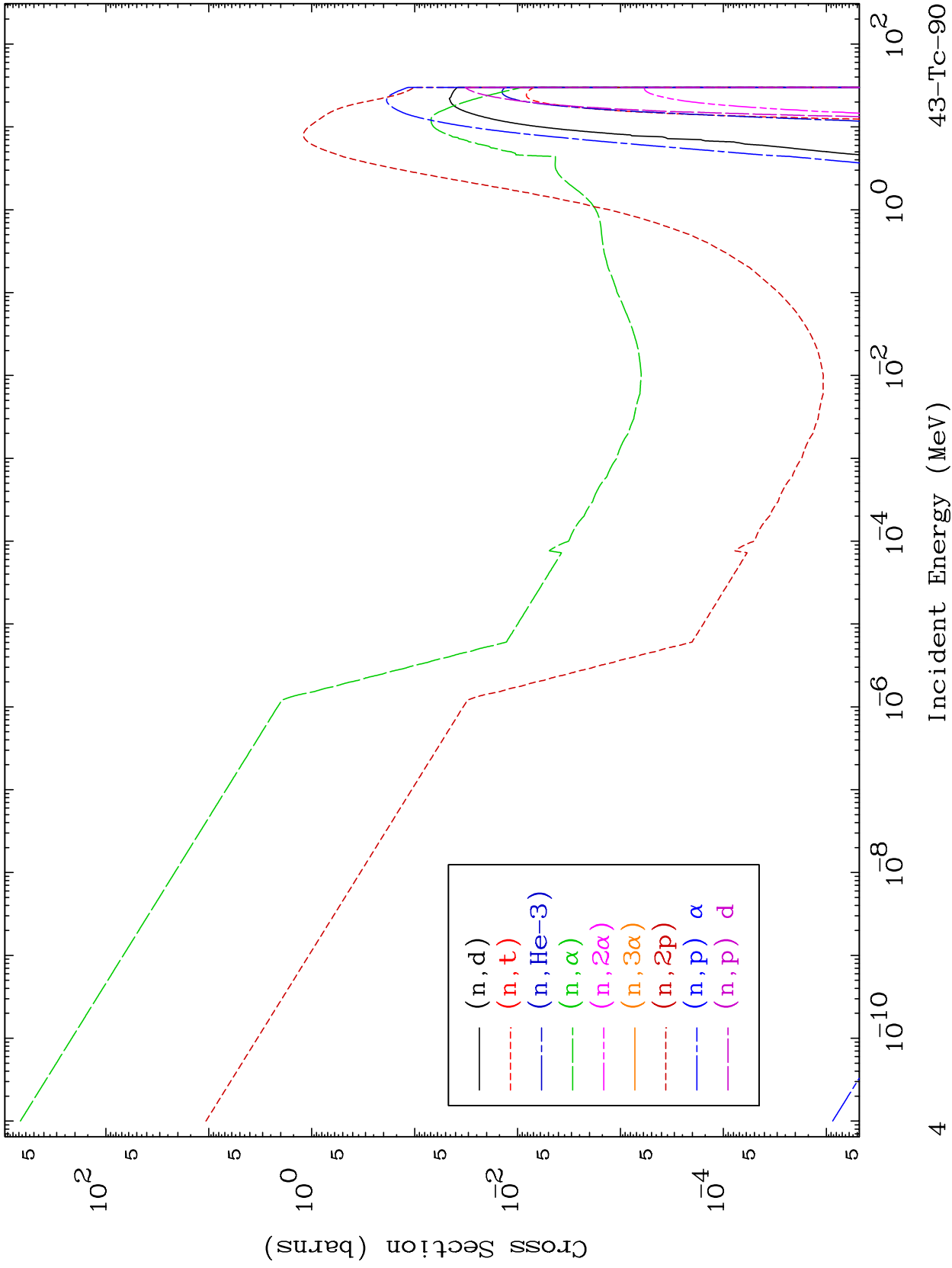
43-Tc-90



MAT 4299

Charged Particle
293 Kelvin Cross Sections

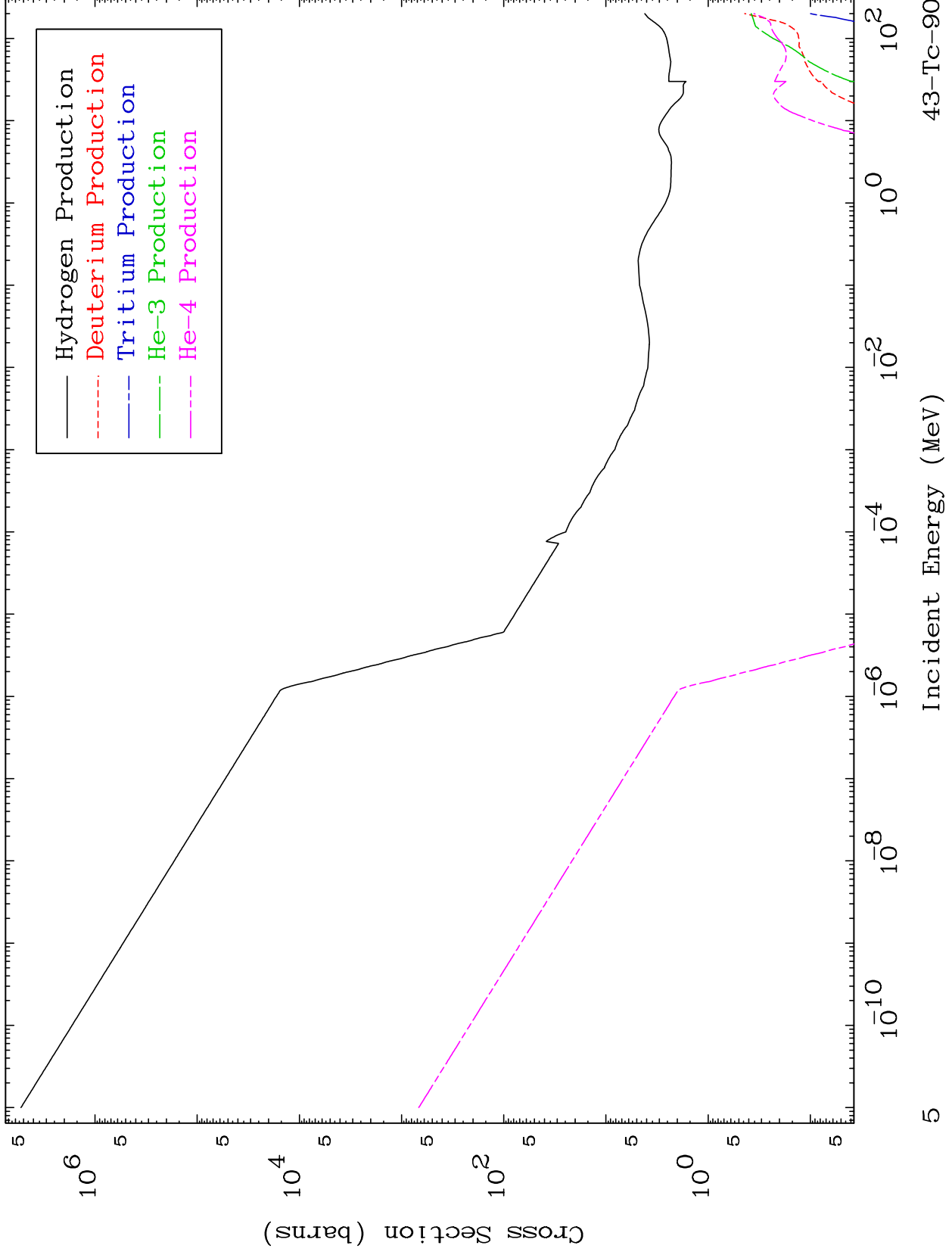
43-Tc-90



MAT 4299

Particle Production
293 Kelvin Cross Sections

43-Tc-90



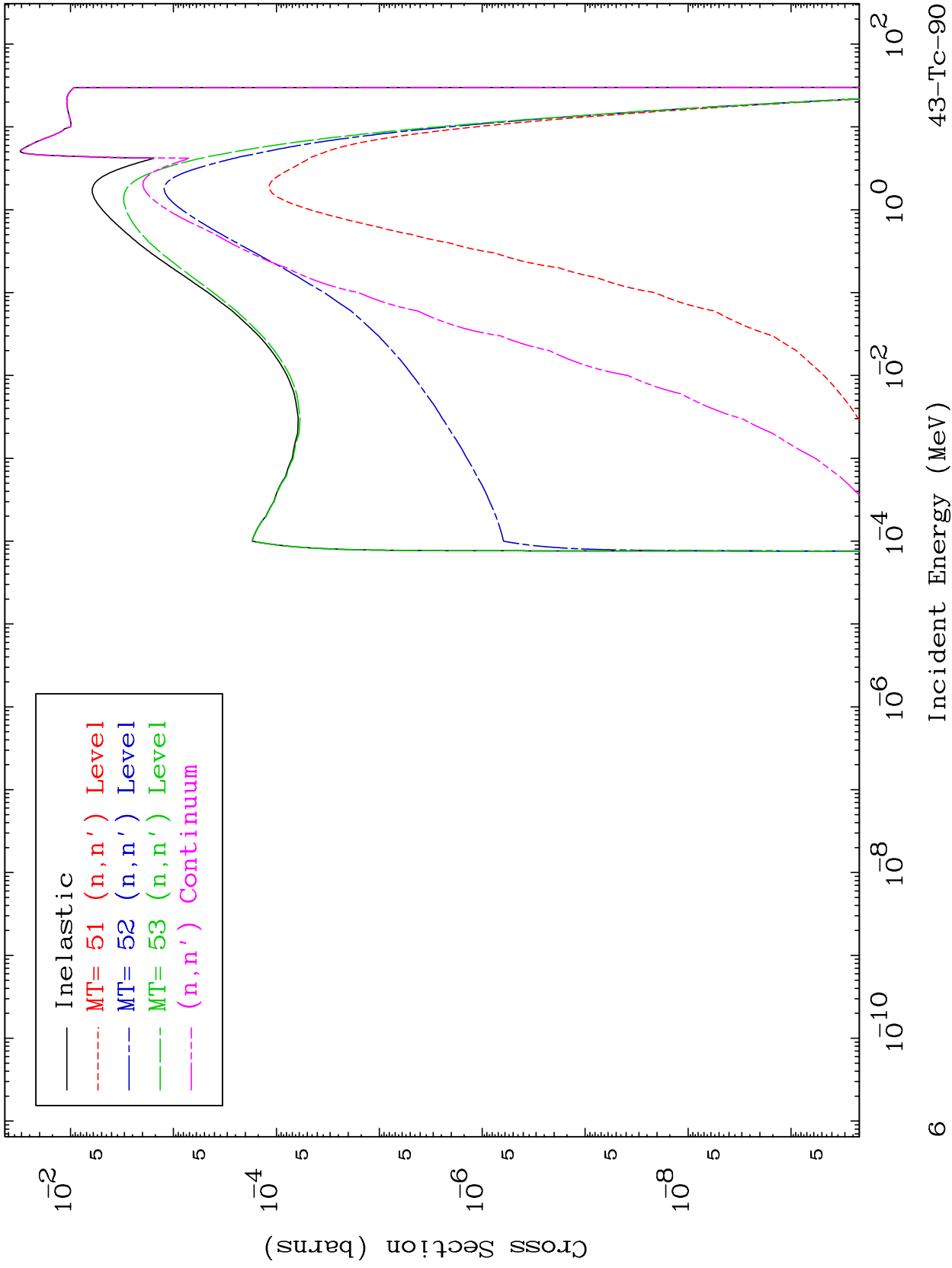
5

43-Tc-90

MAT 4299

(n,n') Level
293 Kelvin Cross Sections

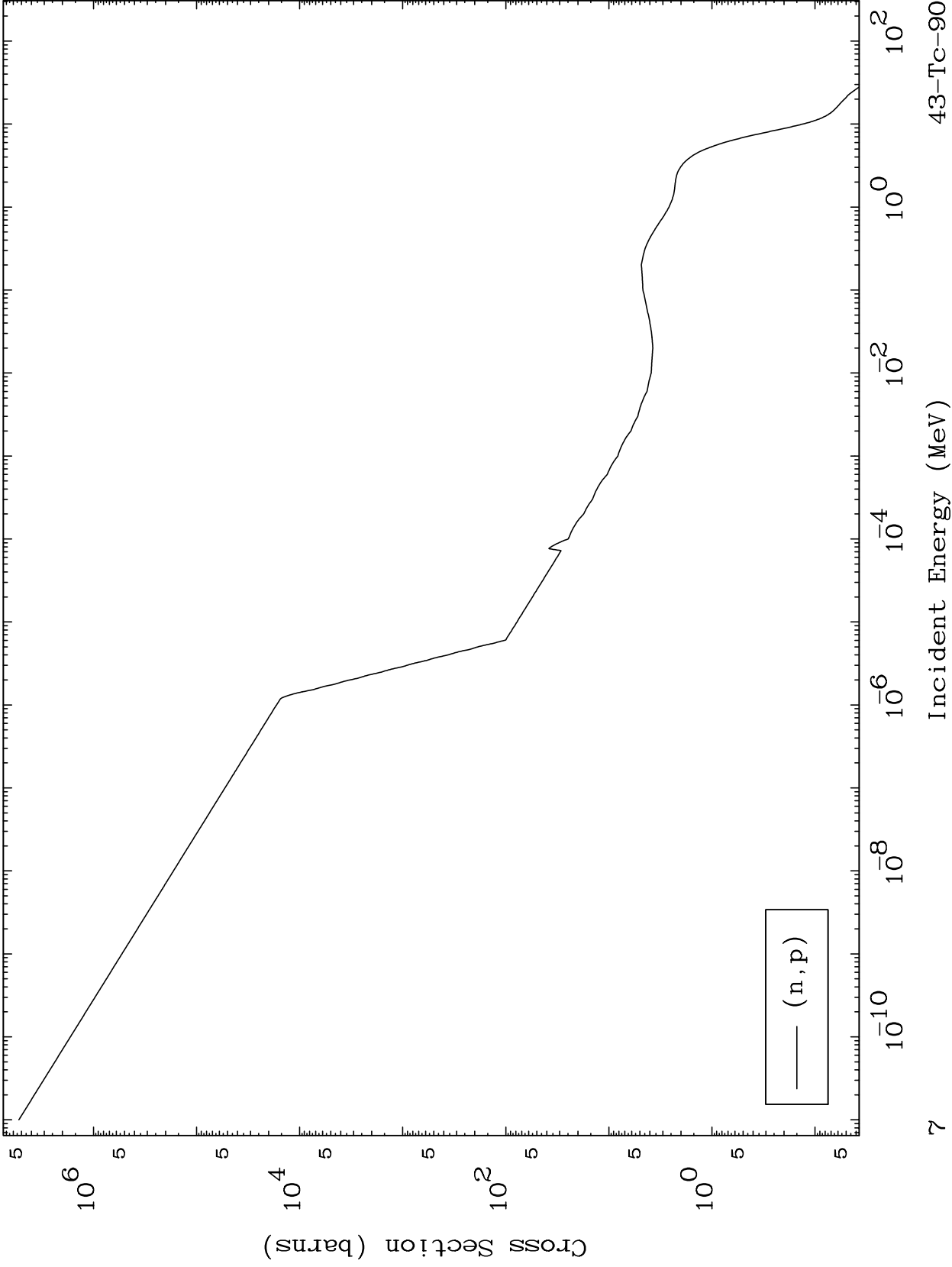
43-Tc-90



MAT 4299

(n,p) Levels
293 Kelvin Cross Sections

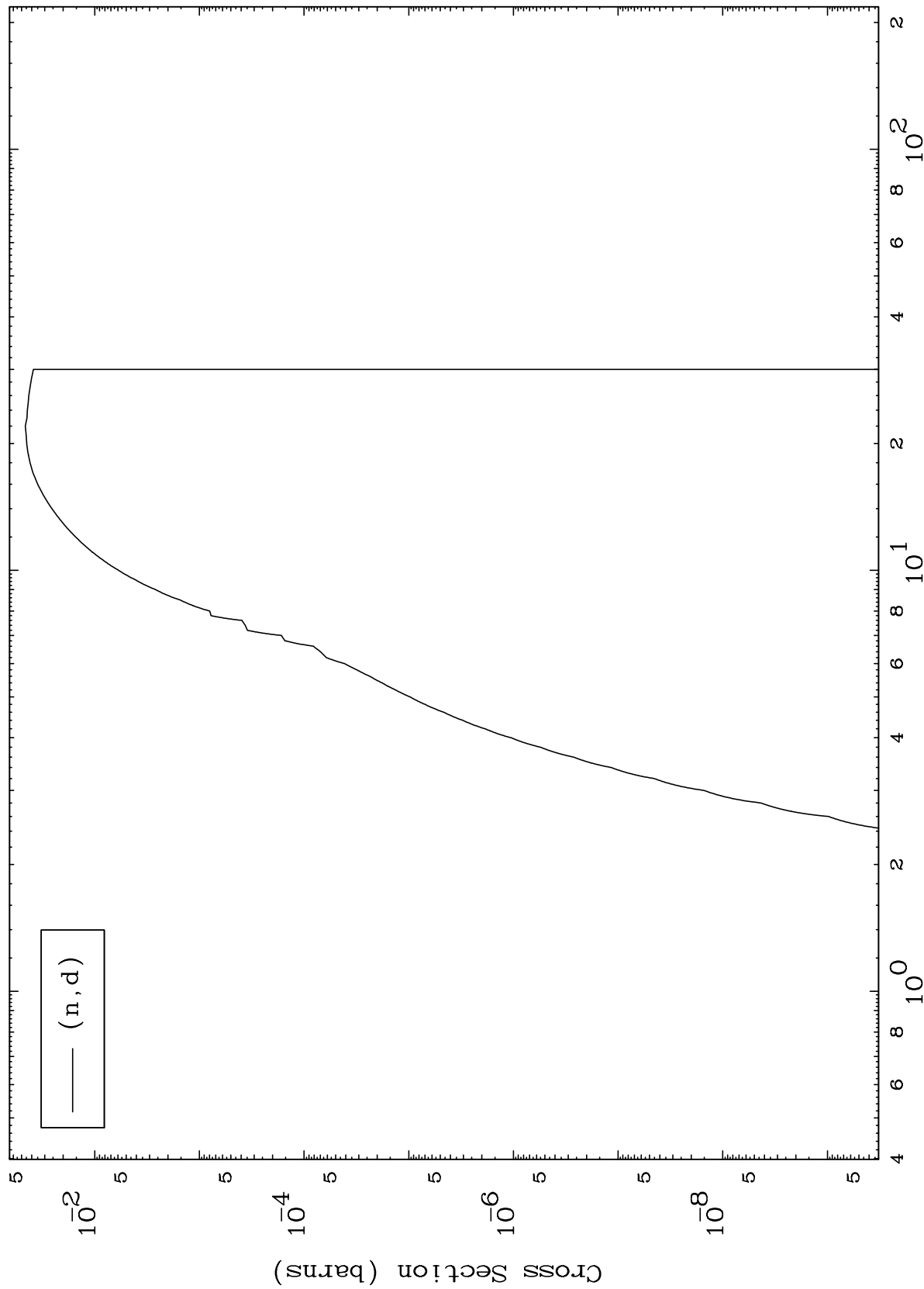
43-Tc-90



MAT 4299

43-Tc-90

(n,d) Levels
293 Kelvin Cross Sections



8

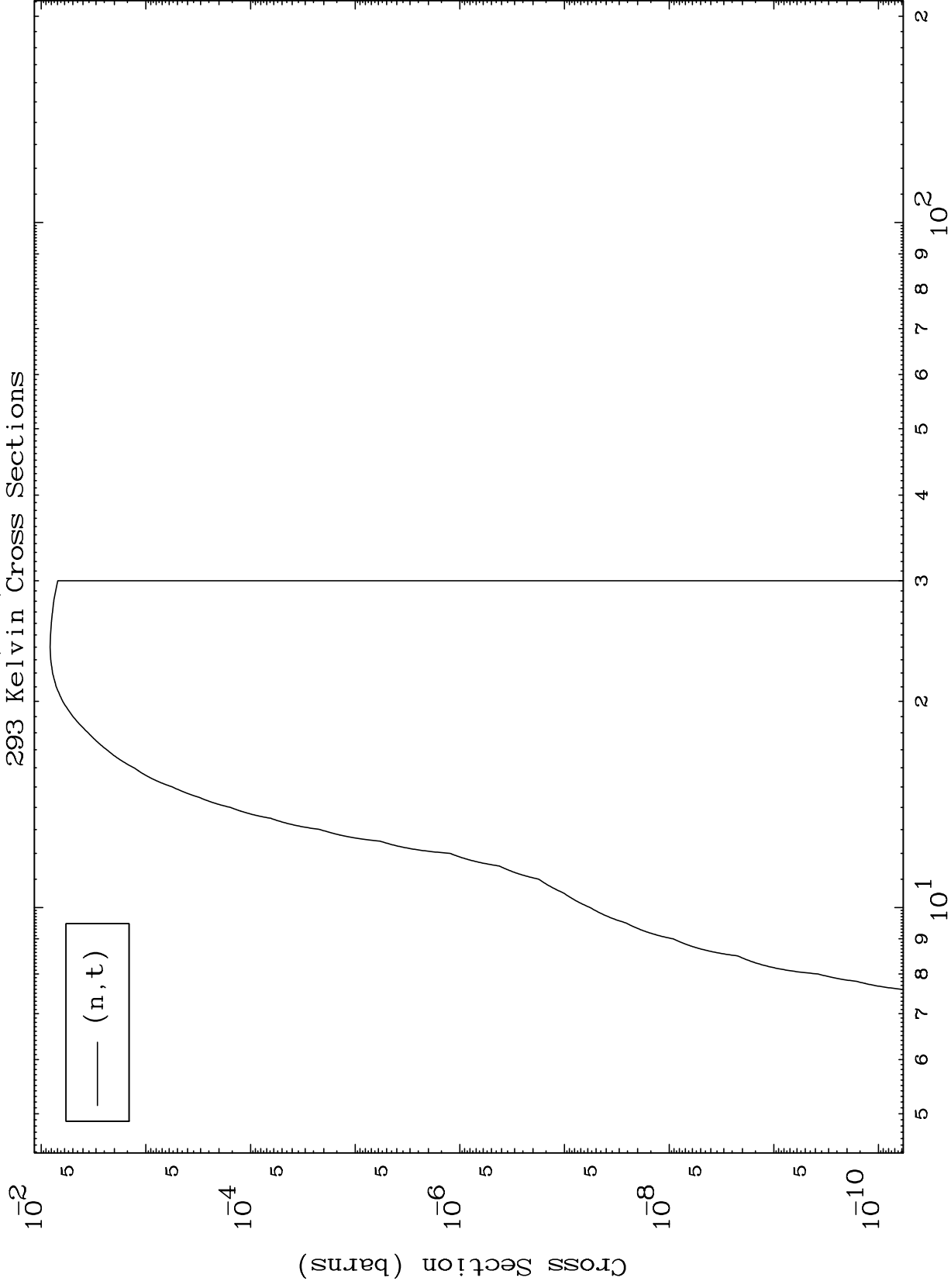
Incident Energy (MeV)

43-Tc-90

MAT 4299

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-90



9

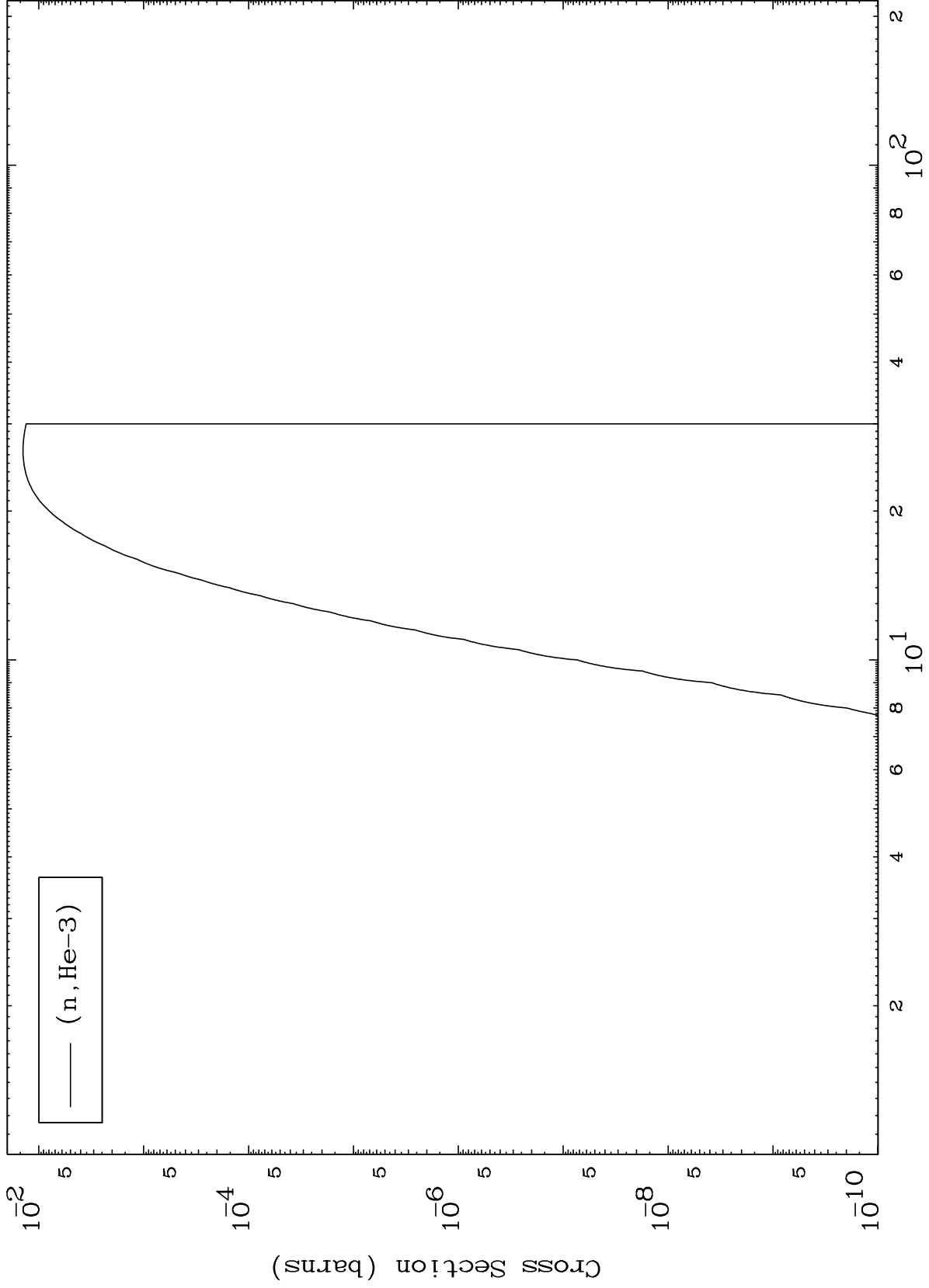
Incident Energy (MeV)

43-Tc-90

MAT 4299

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-90



10

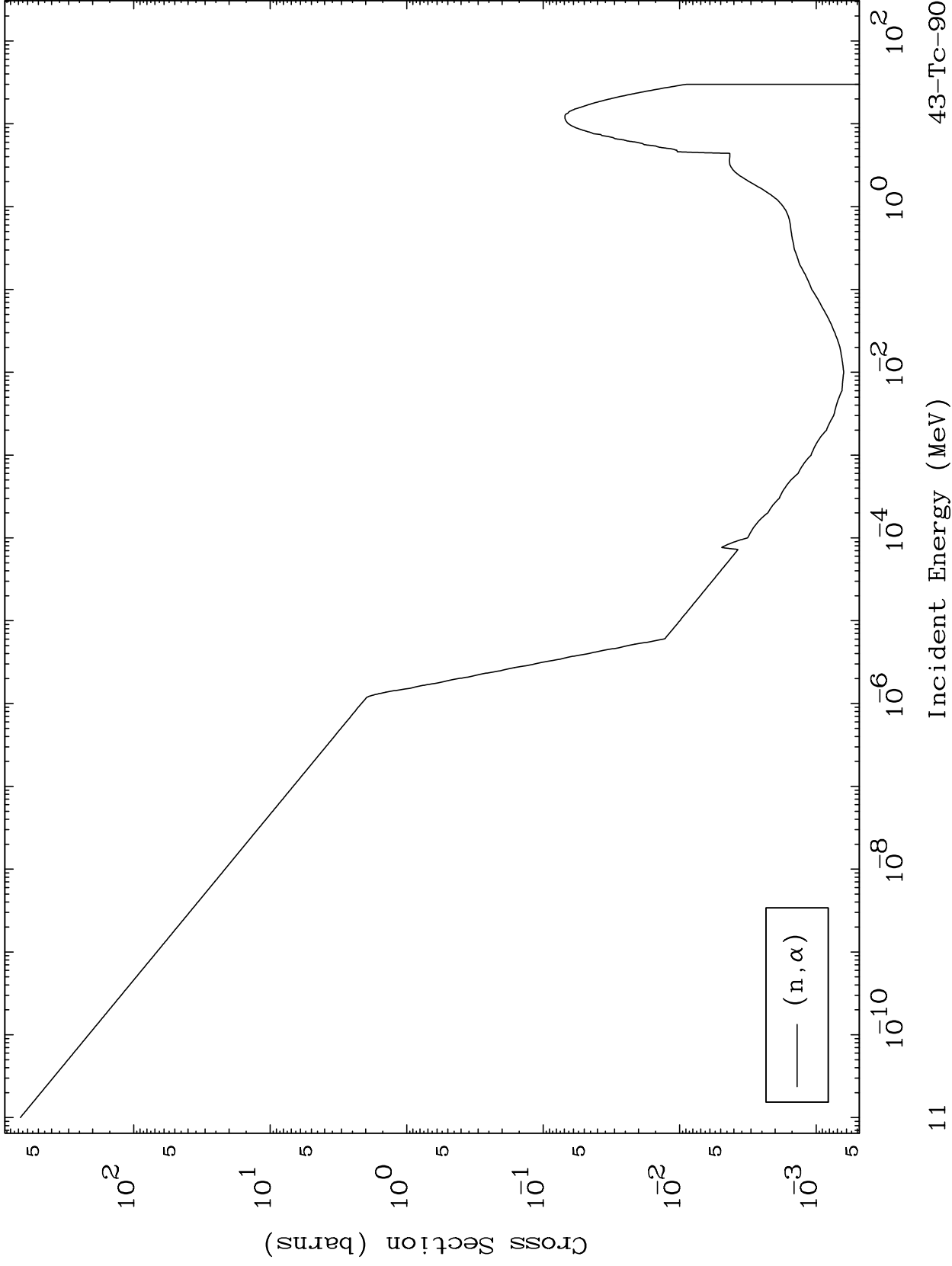
Incident Energy (MeV)

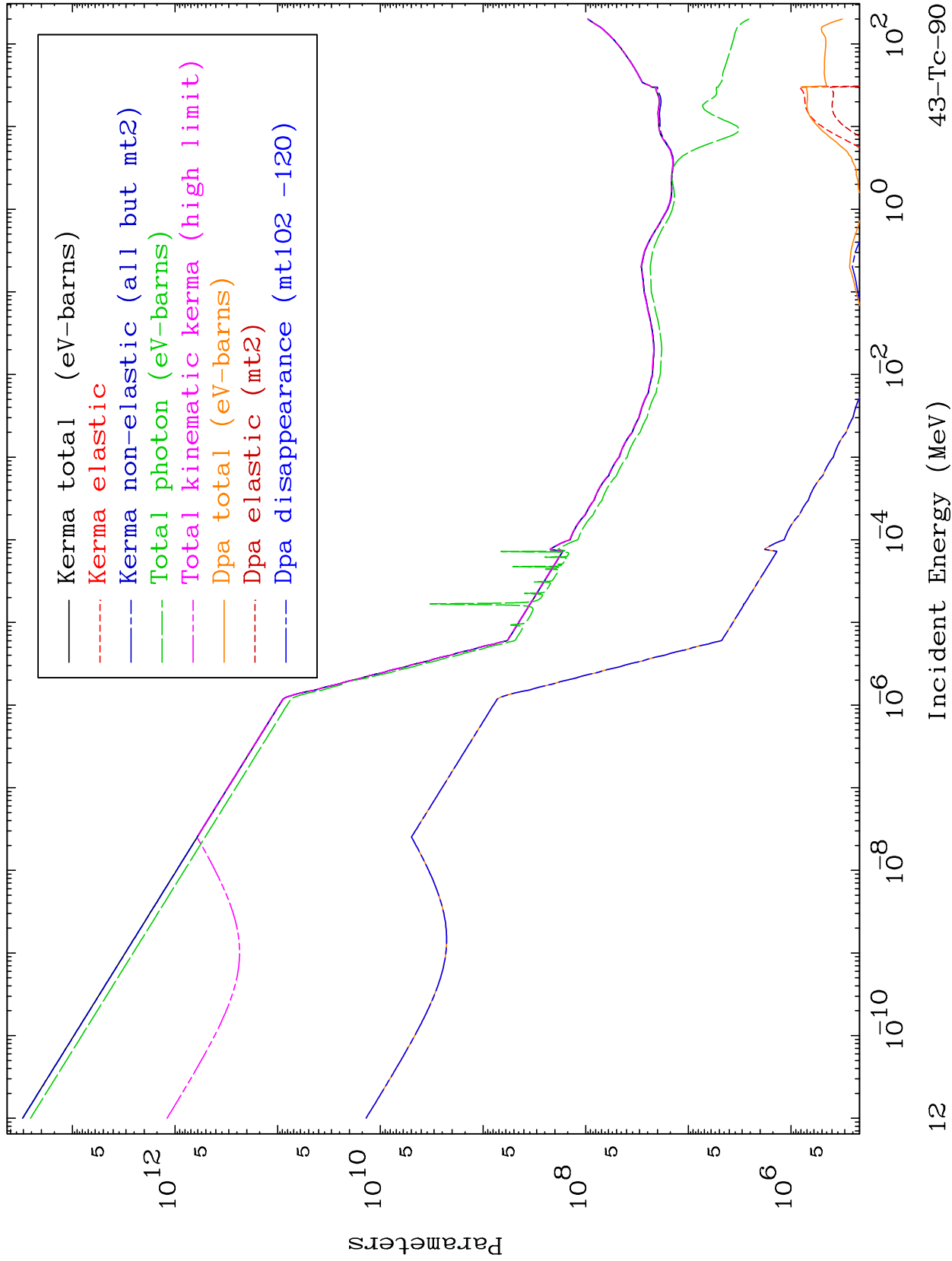
43-Tc-90

MAT 4299

(n,α) Levels
293 Kelvin Cross Sections

43-Tc-90

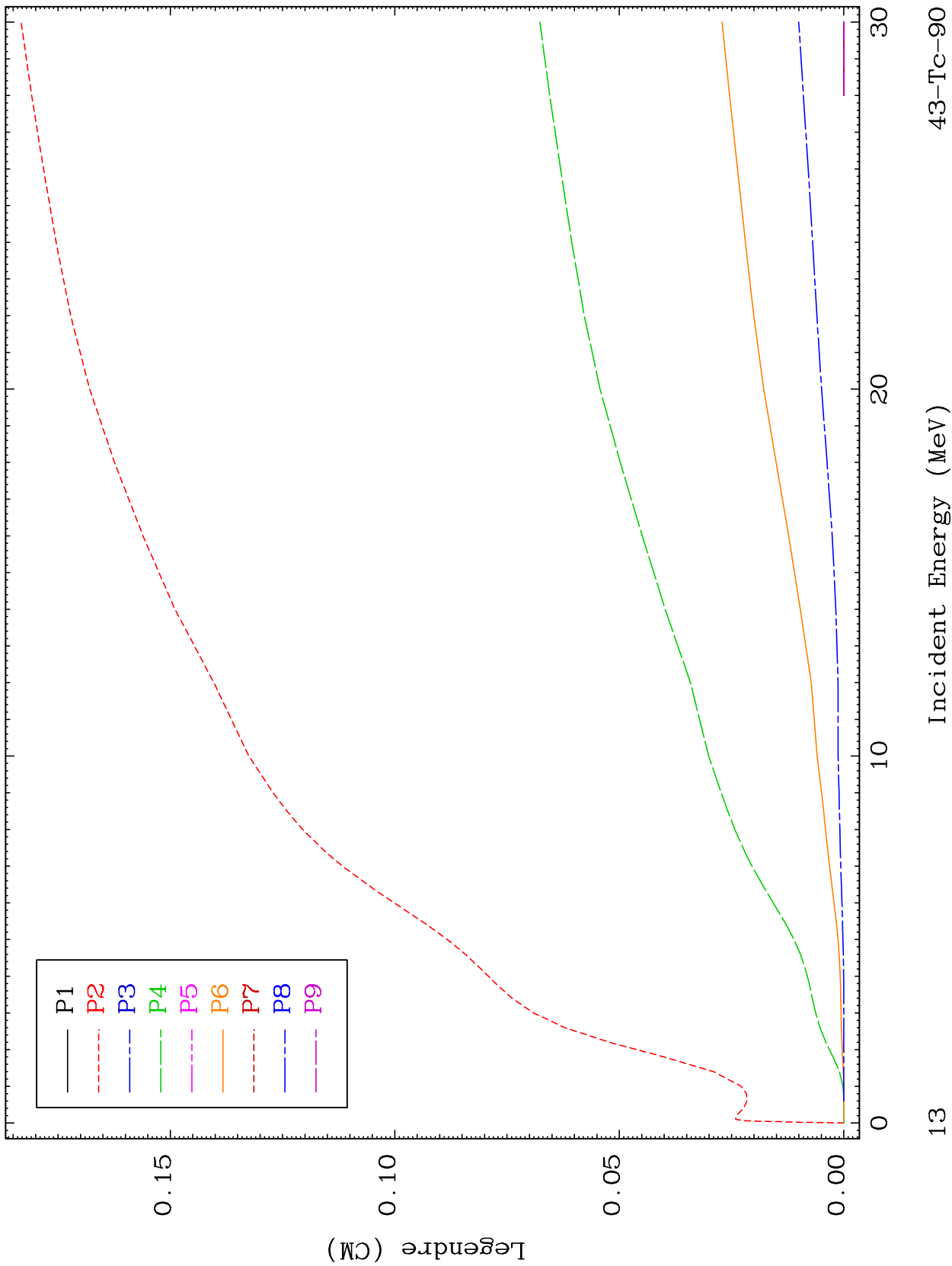




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Elastic Legendre Coefficients

43-Tc-90



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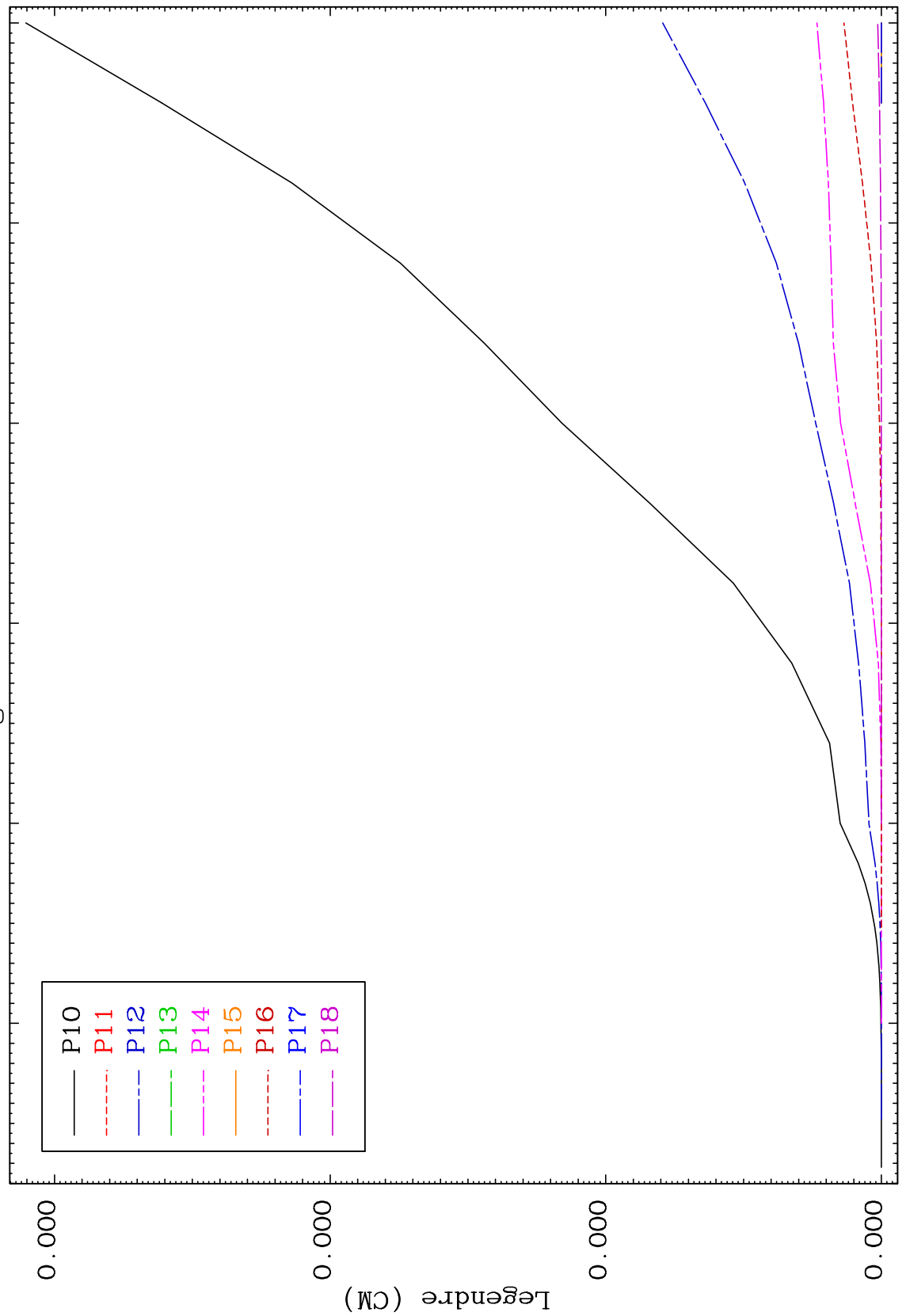
Incident Energy (MeV)

43-Tc-90

MAT 4299

Elastic Legendre Coefficients

43-Tc-90



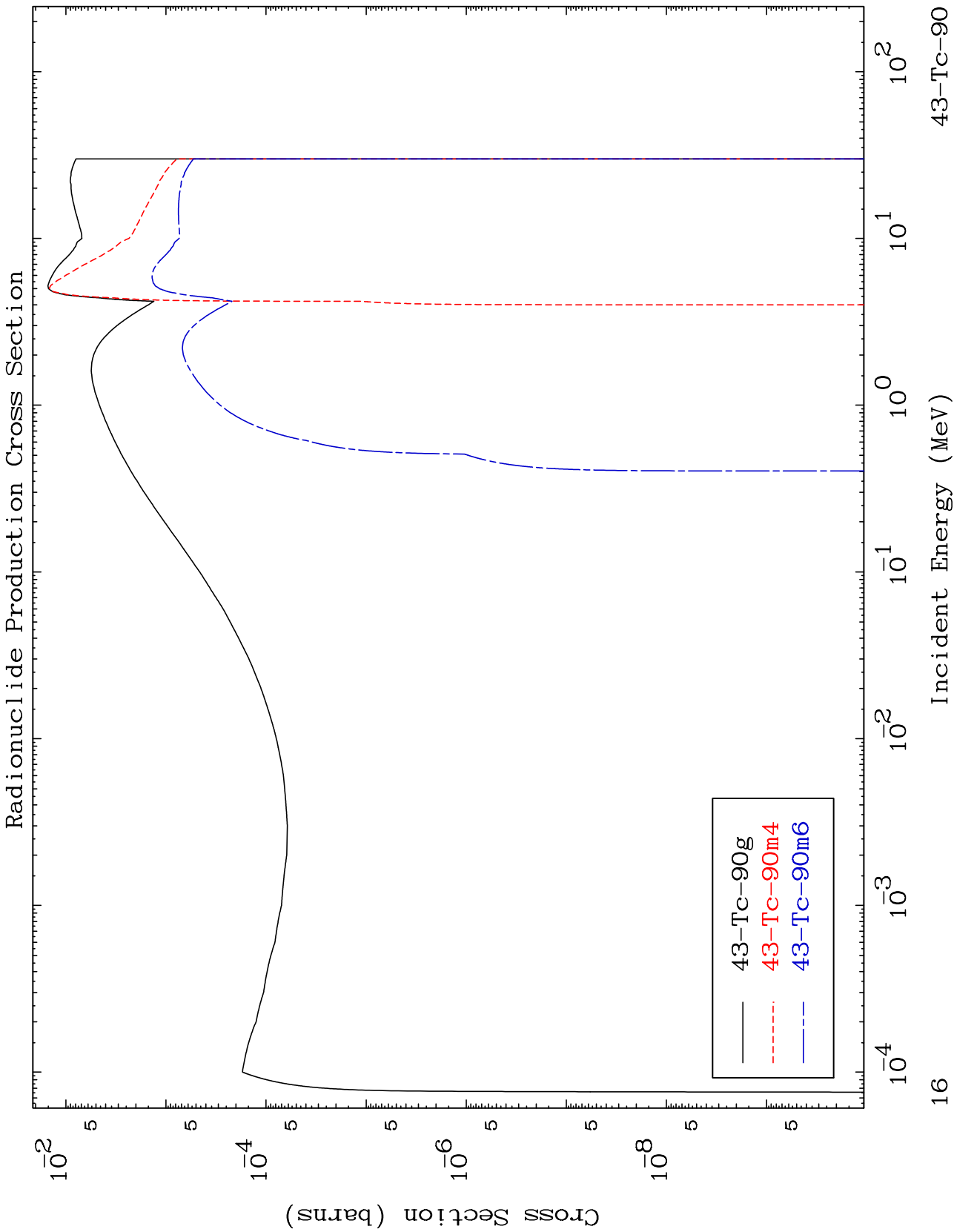
14

43-Tc-90

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43-Tc-90

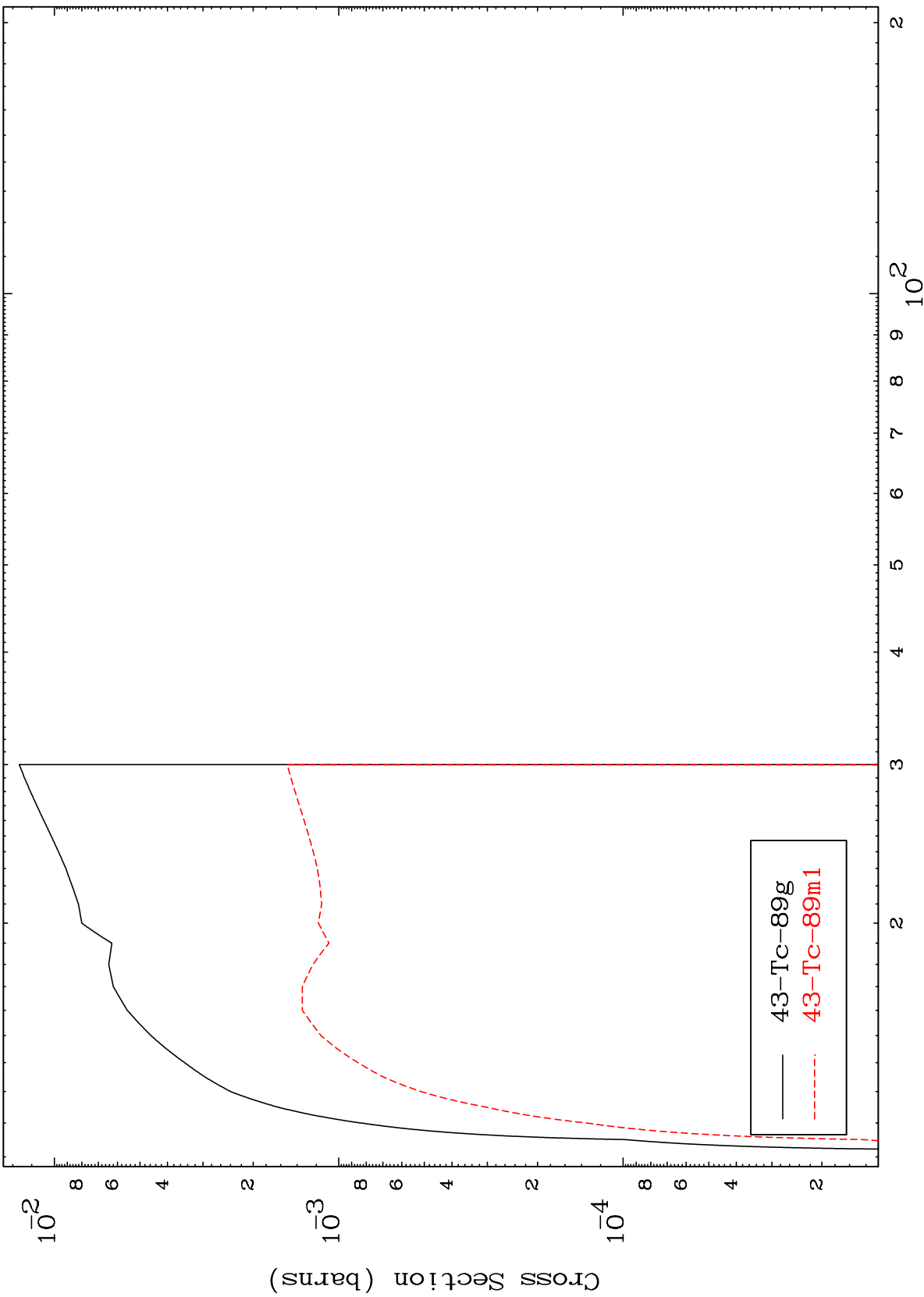
Inelastic
Radionuclide Production Cross Section



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43-Tc-90

(n,2n)
Radionuclide Production Cross Section



43-Tc-90

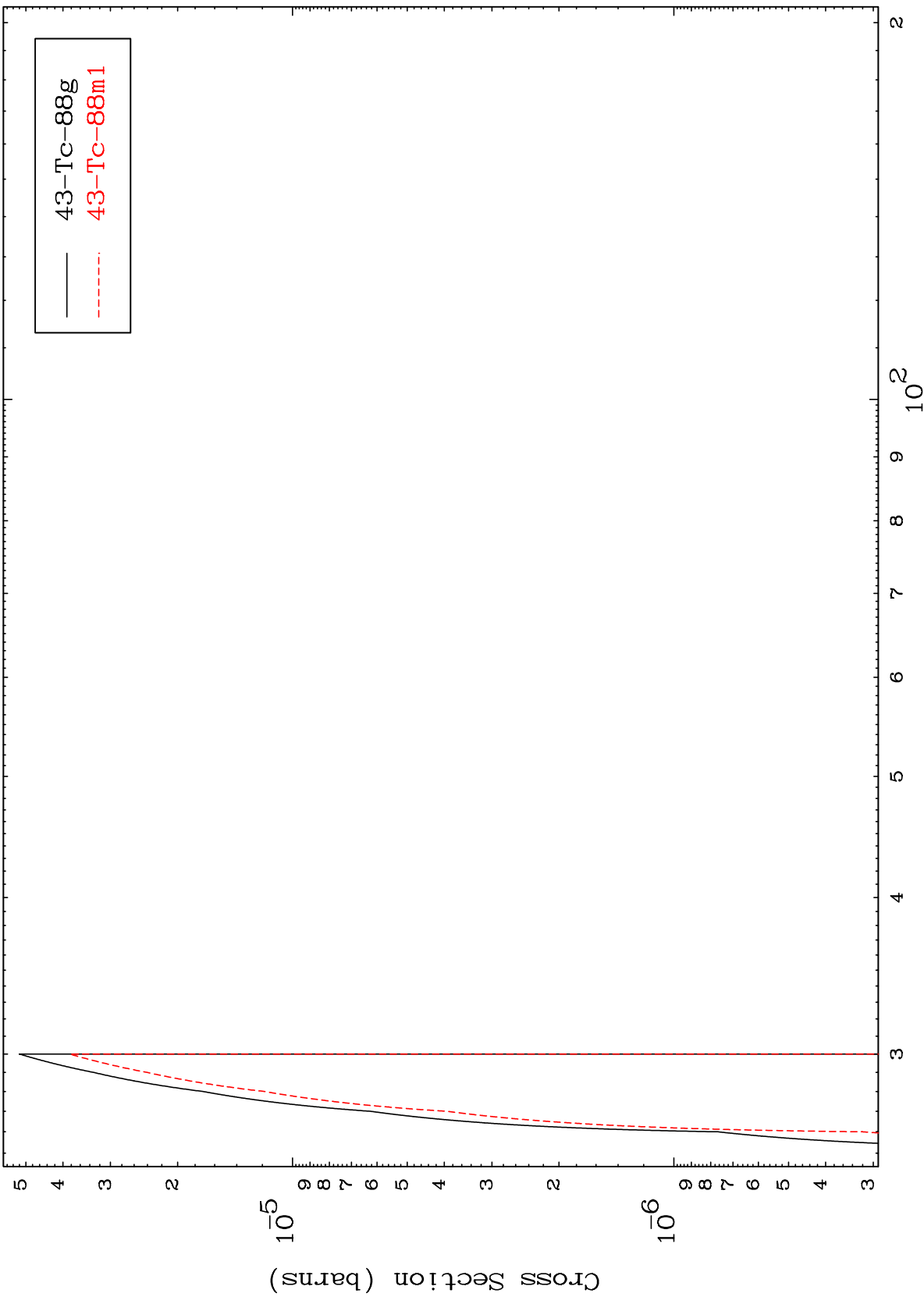
Incident Energy (MeV)

17

MAT 4299

43-Tc-90

(n,3n)
Radionuclide Production Cross Section



43-Tc-88g
43-Tc-88m1

18

Incident Energy (MeV)

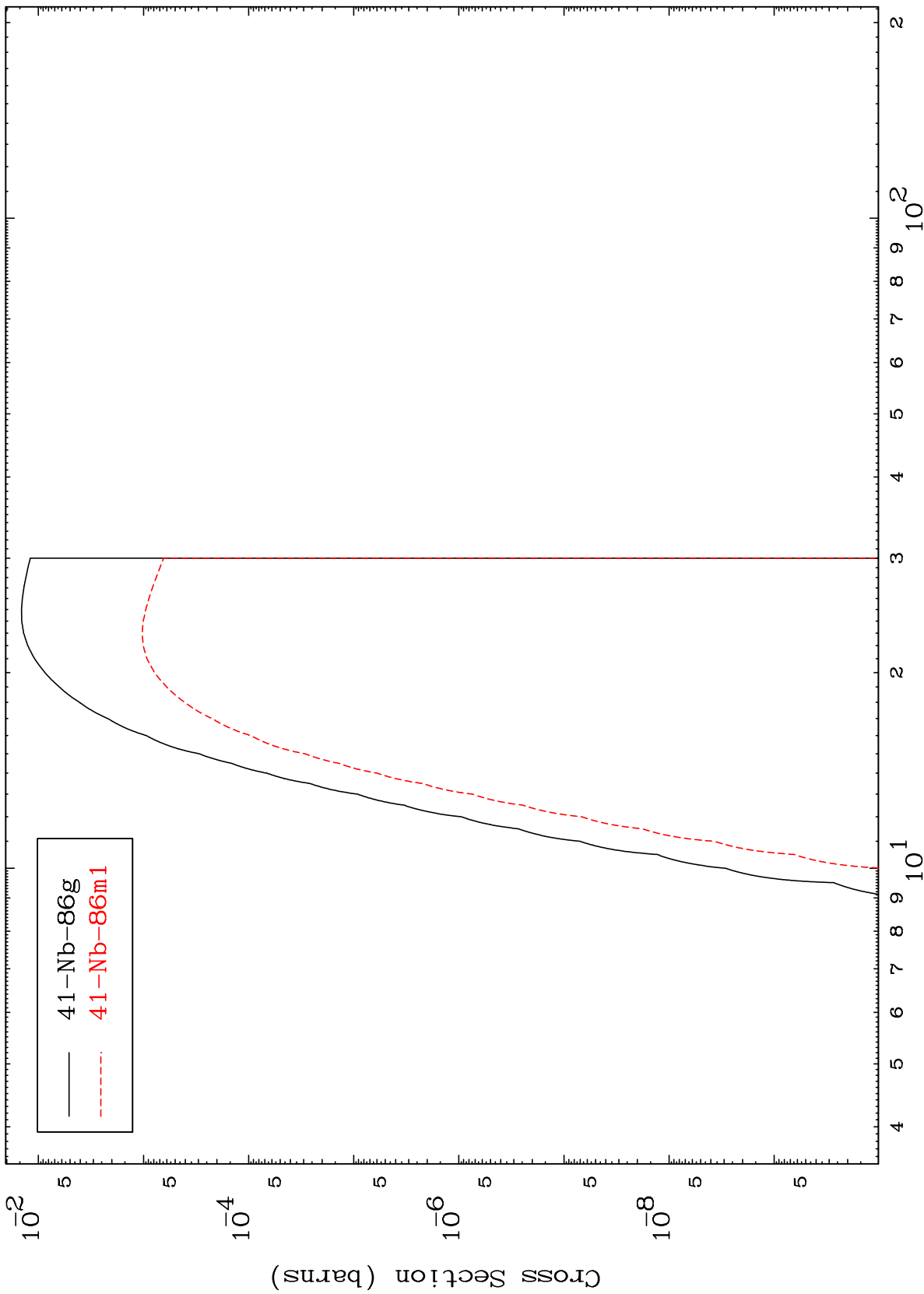
43-Tc-90

MAT 4299

(n,n') α

43-Tc-90

Radionuclide Production Cross Section



41-Nb-86g
41-Nb-86m1

19

Incident Energy (MeV)

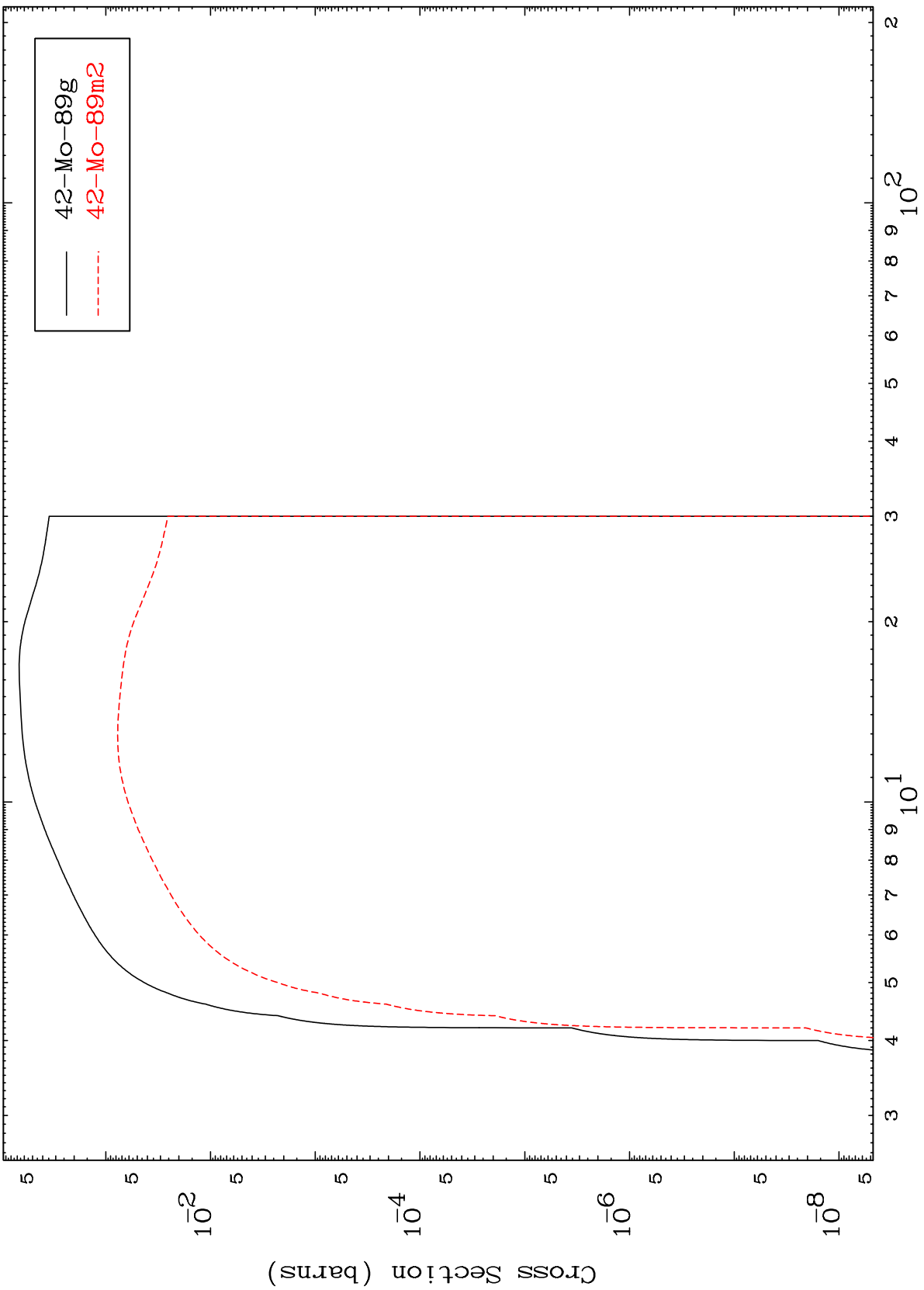
43-Tc-90

MAT 4299

(n,n') p

43-Tc-90

Radionuclide Production Cross Section

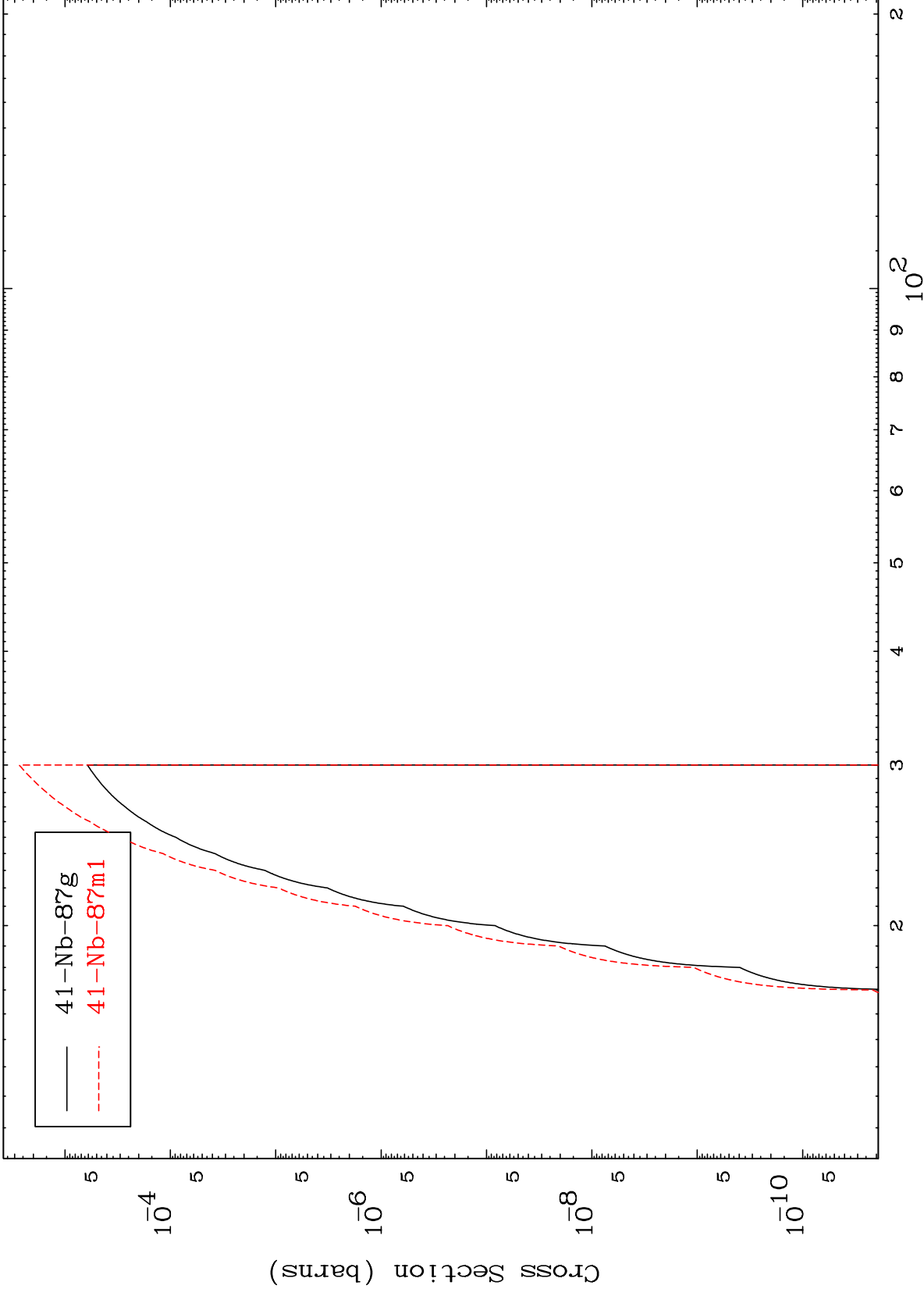


20

Incident Energy (MeV)

43-Tc-90

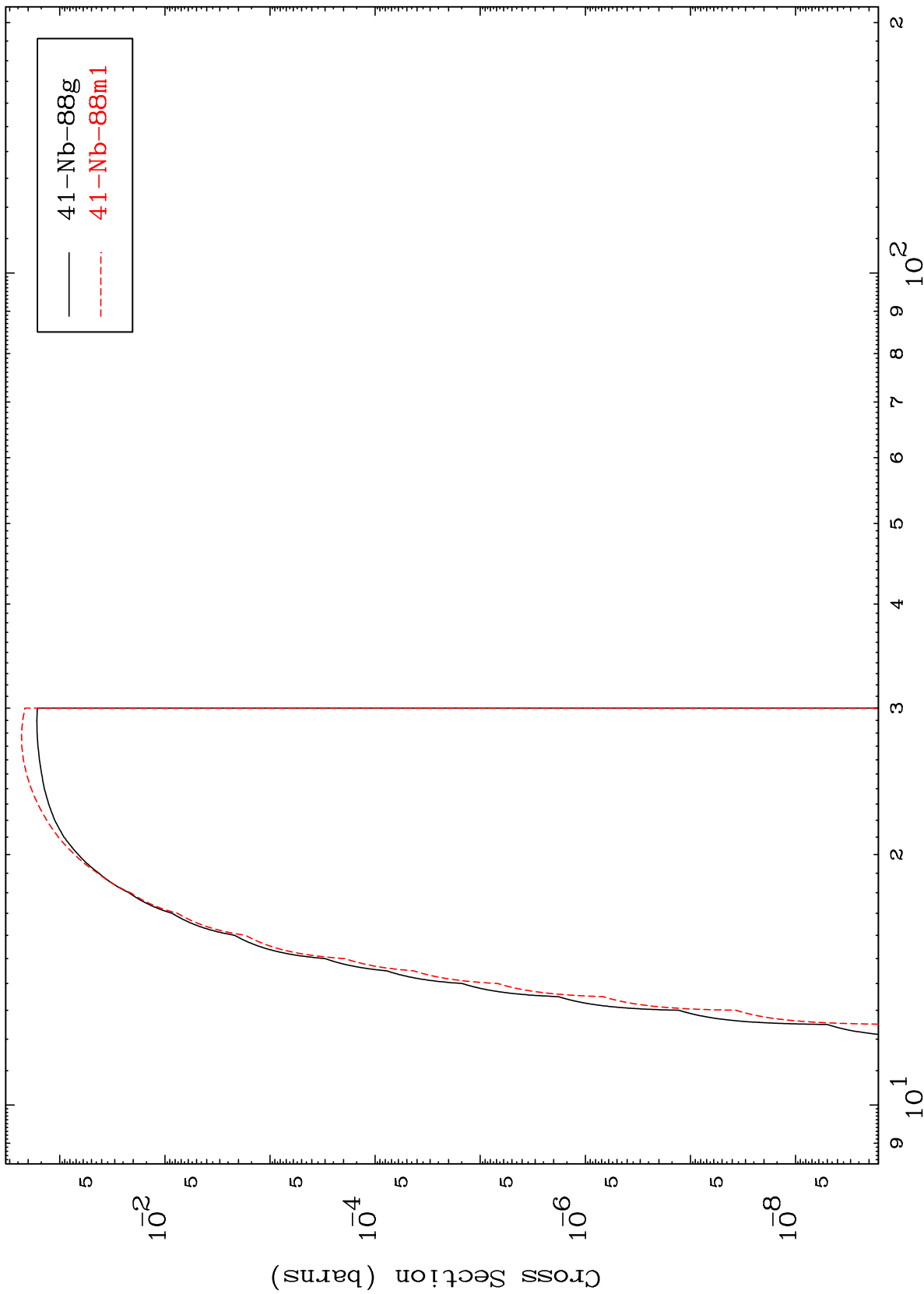
Radionuclide Production Cross Section



MAT 4299

43-Tc-90

(n,2n) p
Radionuclide Production Cross Section



43-Tc-90

Incident Energy (MeV)

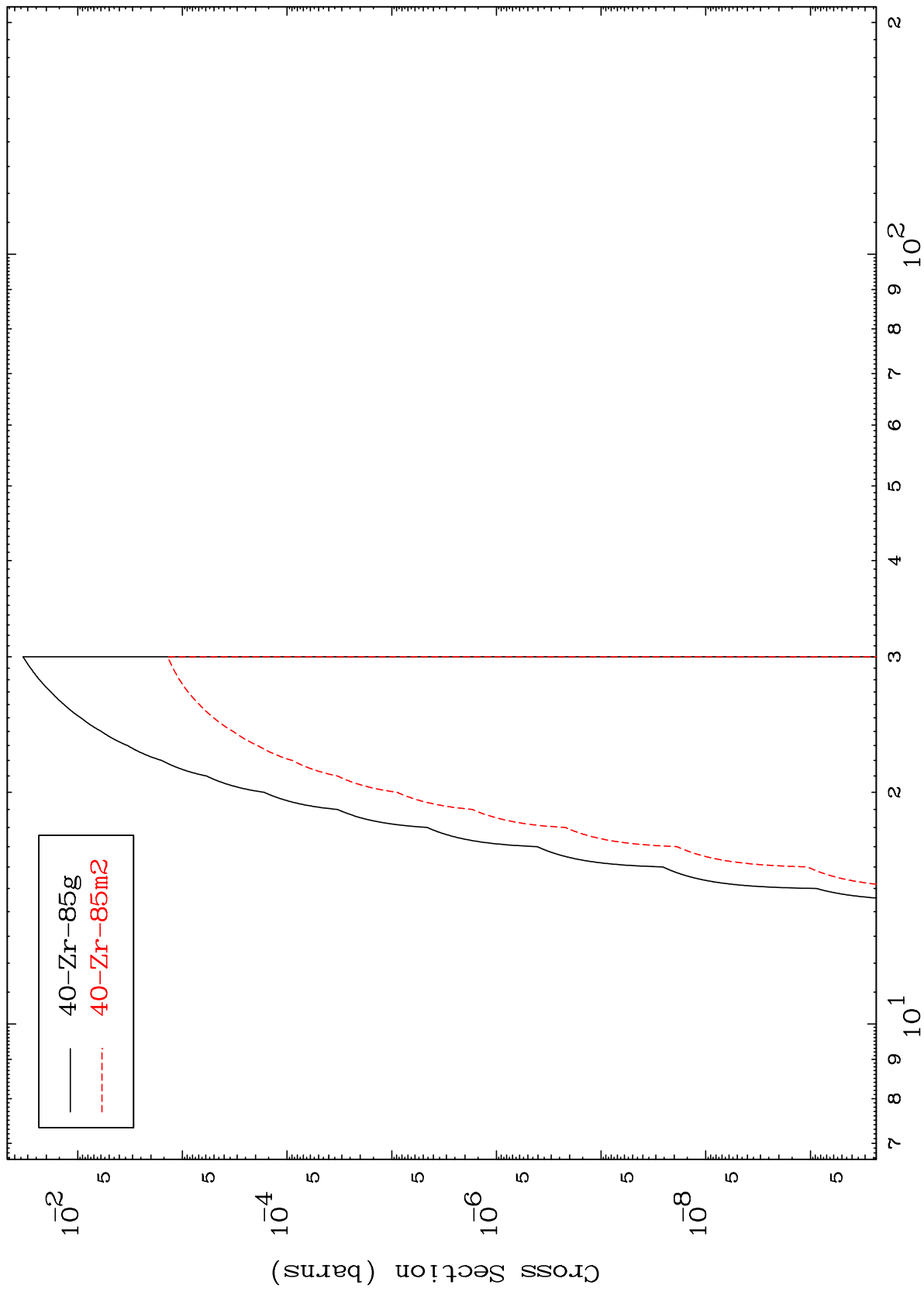
22

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(n,n') p α

43-Tc-90

Radionuclide Production Cross Section



23

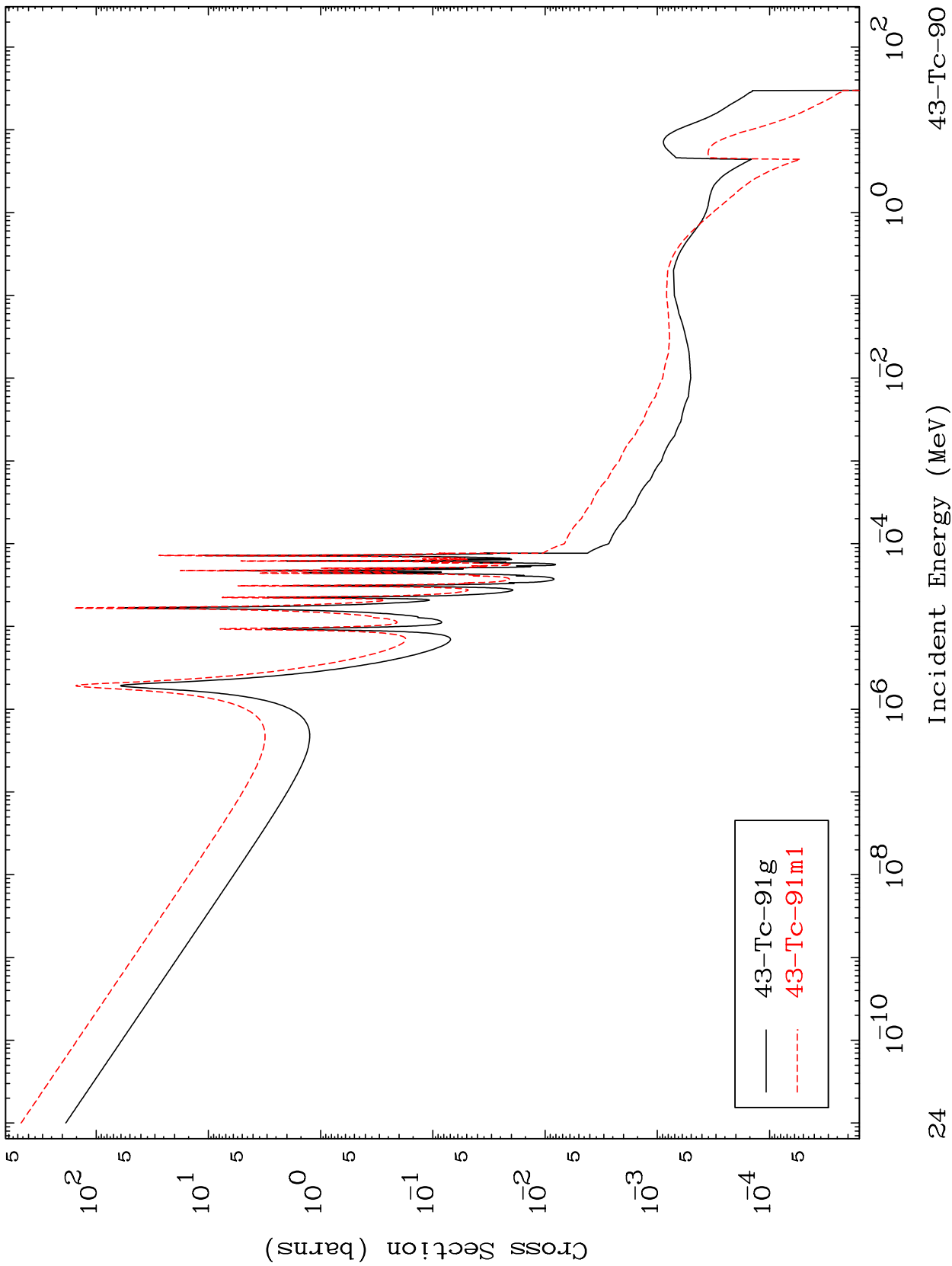
Incident Energy (MeV)

43-Tc-90

MAT 4299

43-Tc-90

(n, γ)
Radionuclide Production Cross Section

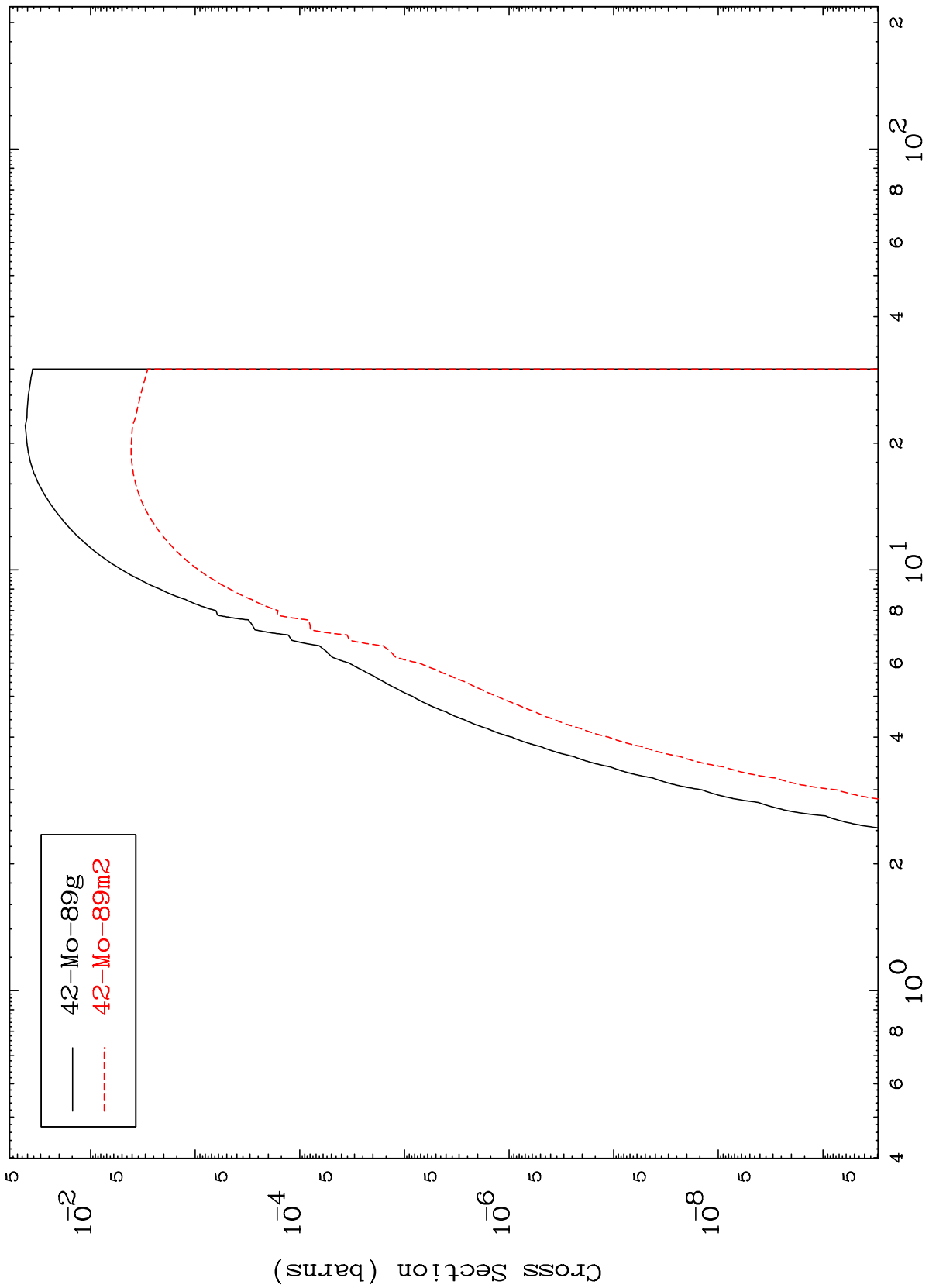


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(n,d)

43-Tc-90

Radionuclide Production Cross Section



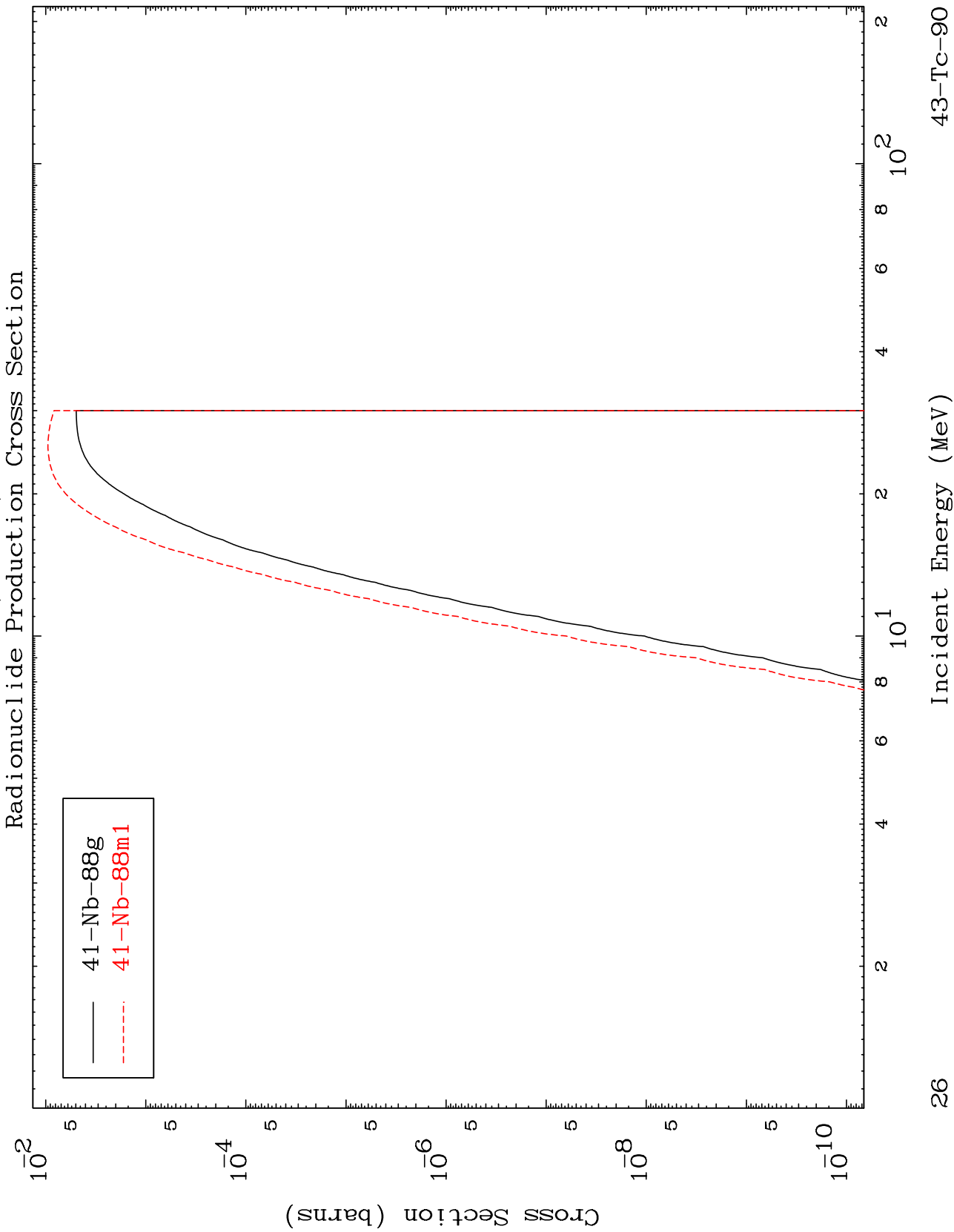
25

Incident Energy (MeV)

43-Tc-90

MAT 4299

43-Tc-90



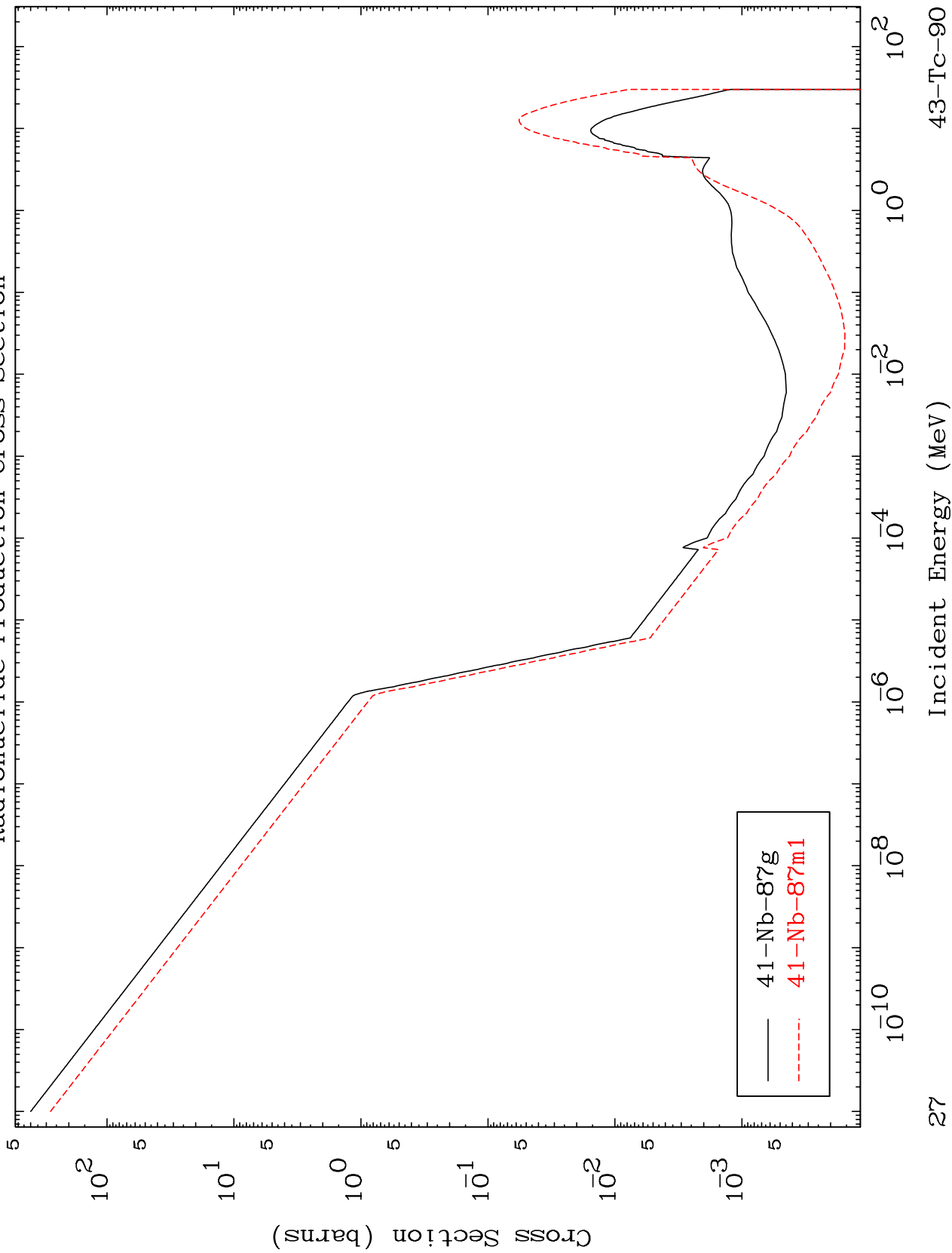
— 41-Nb-88g
- - - 41-Nb-88m1

MAT 4299

43-Tc-90

Radionuclide Production Cross Section

(n, α)

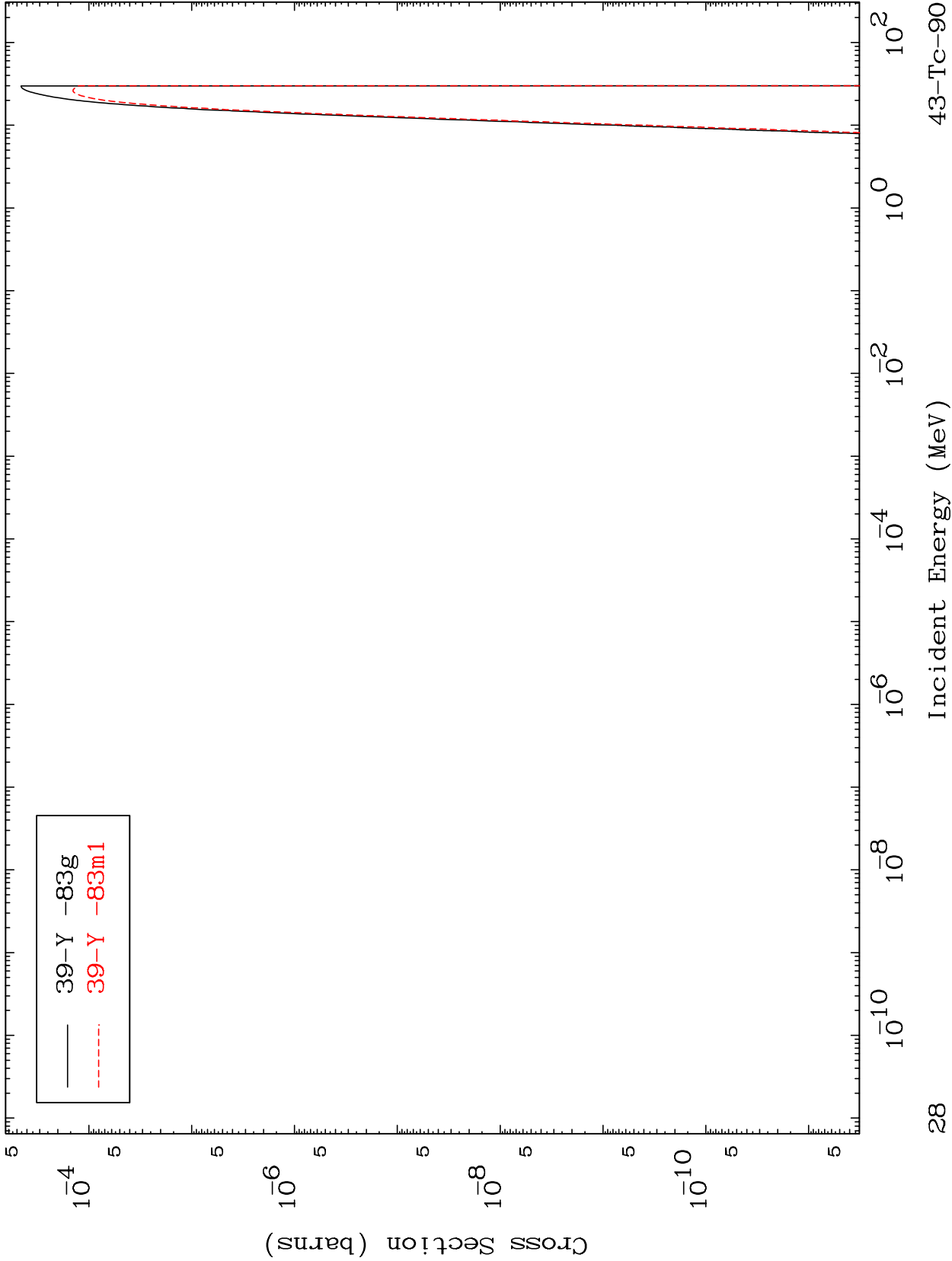


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(n,2α)

43-Tc-90

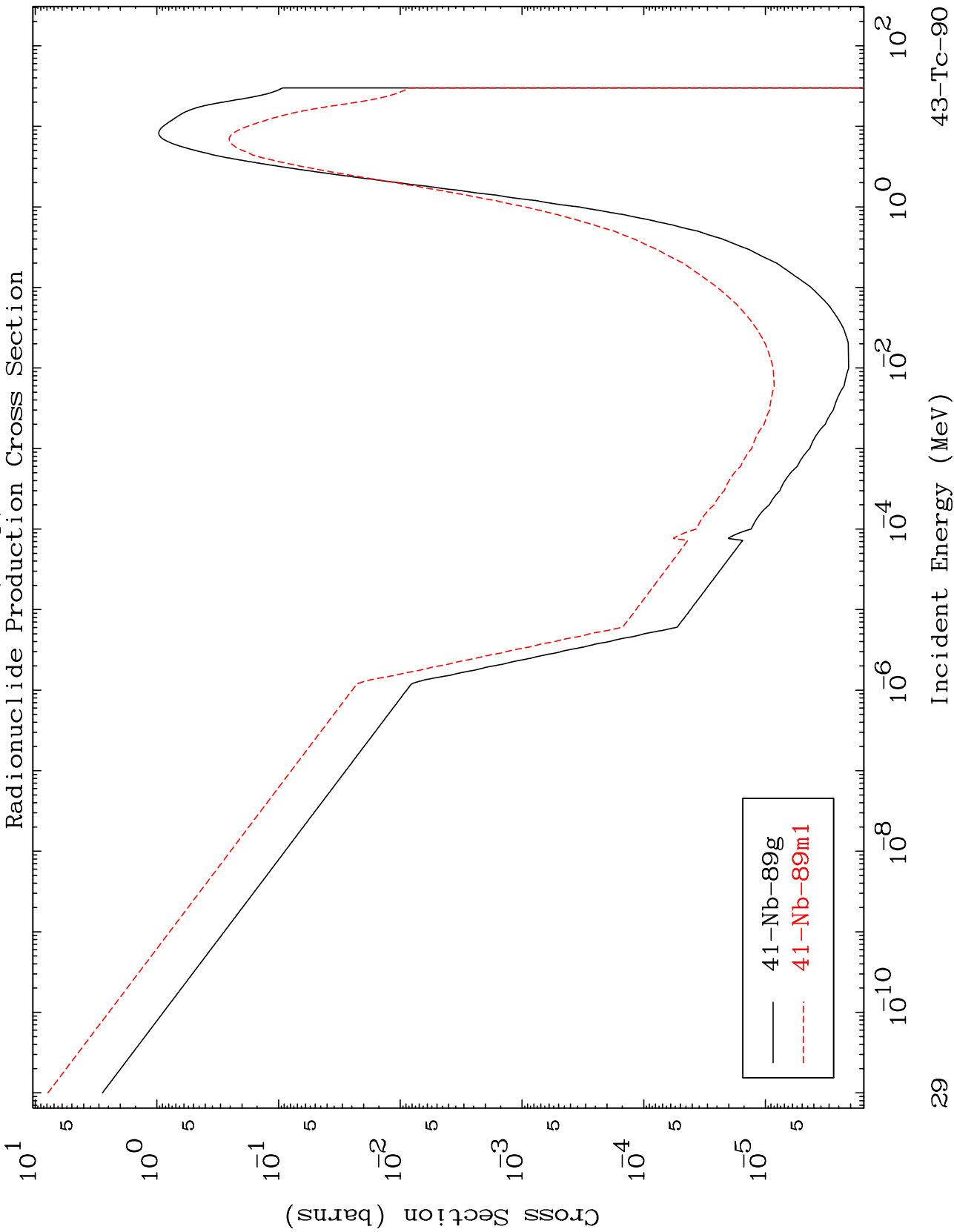
Radionuclide Production Cross Section



MAT 4299

(n,2p)

43-Tc-90

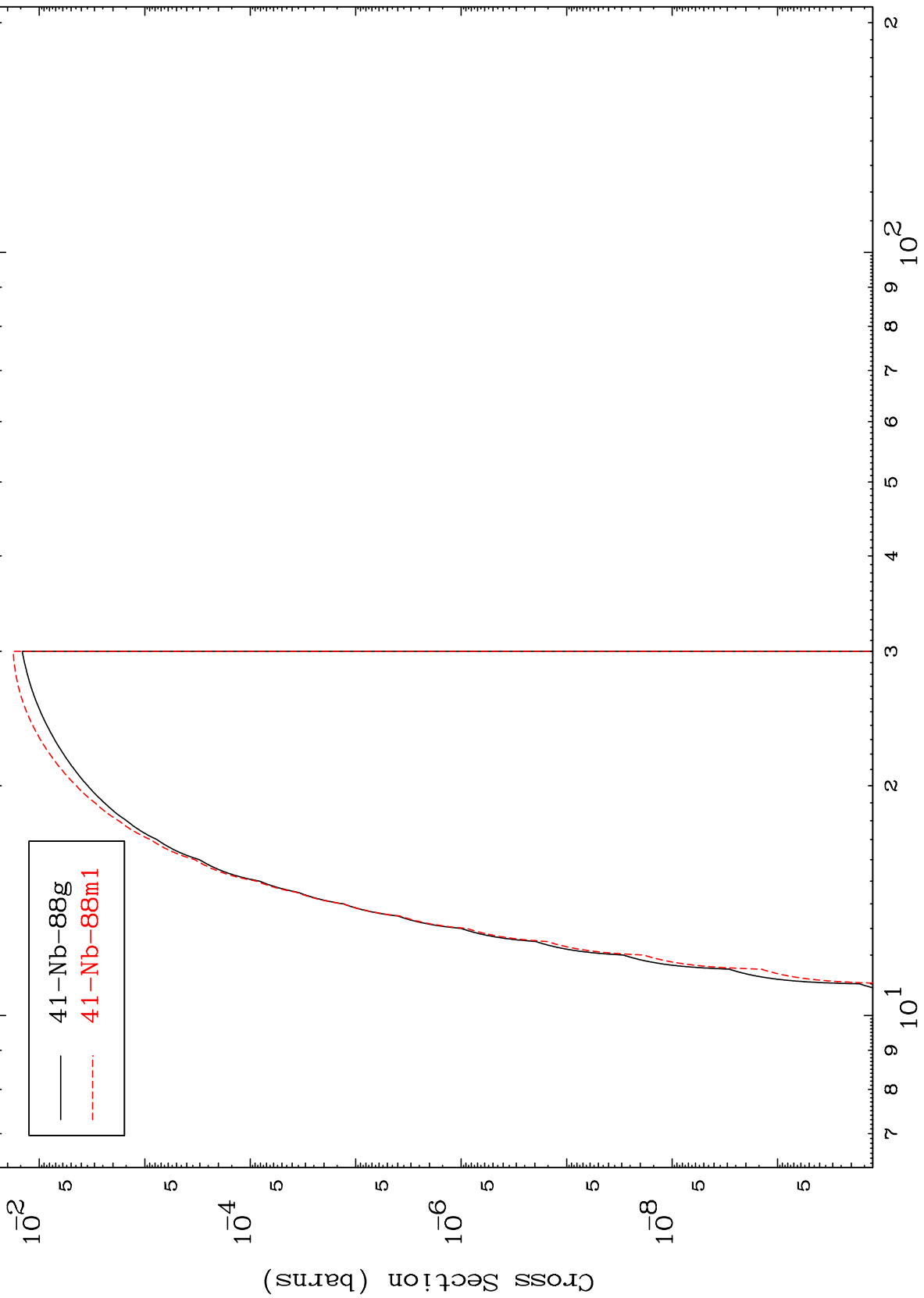


MAT 4299

(n,p) d

43-Tc-90

Radionuclide Production Cross Section



30

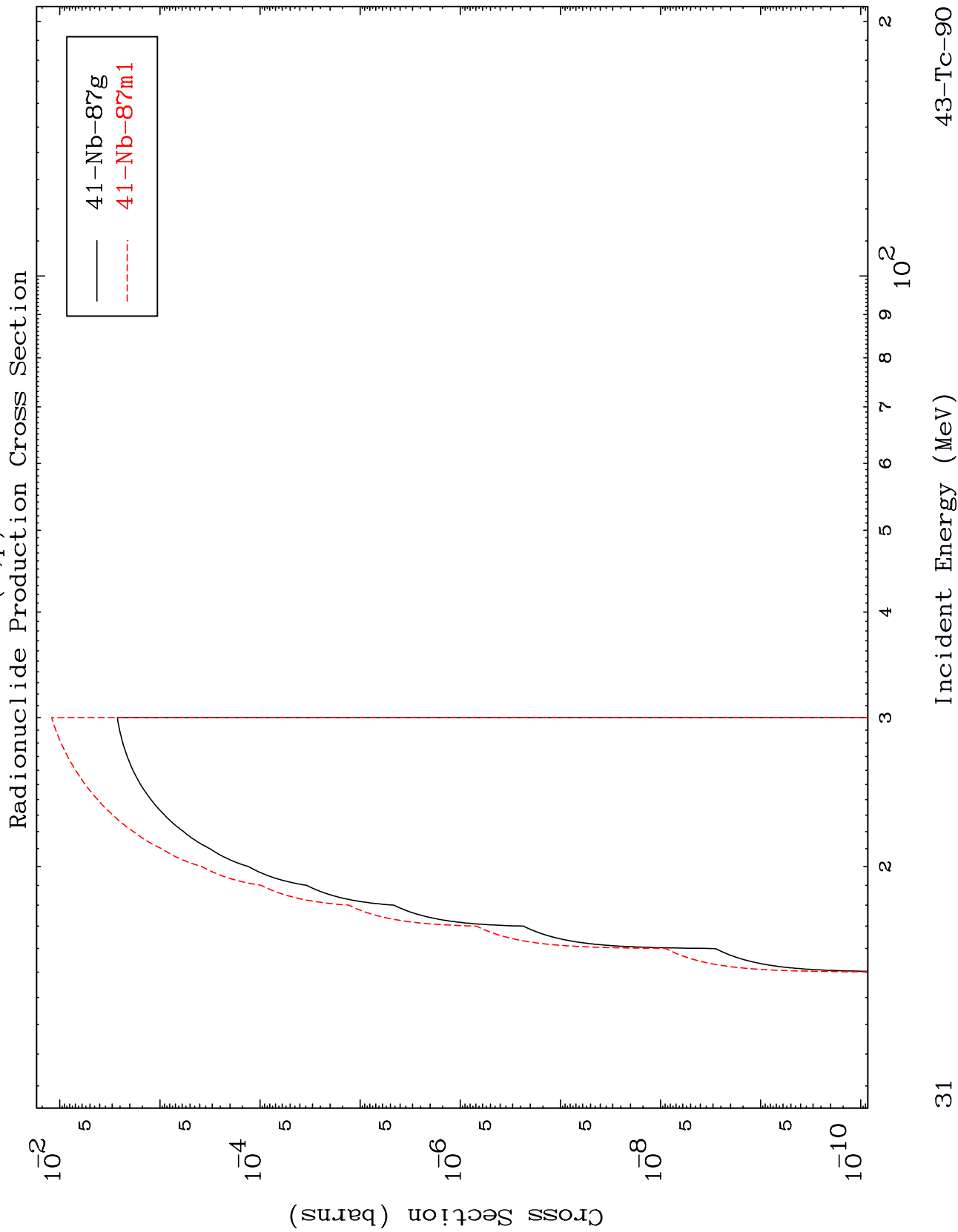
Incident Energy (MeV)

43-Tc-90

MAT 4299

(n,p) t

43-Tc-90



31

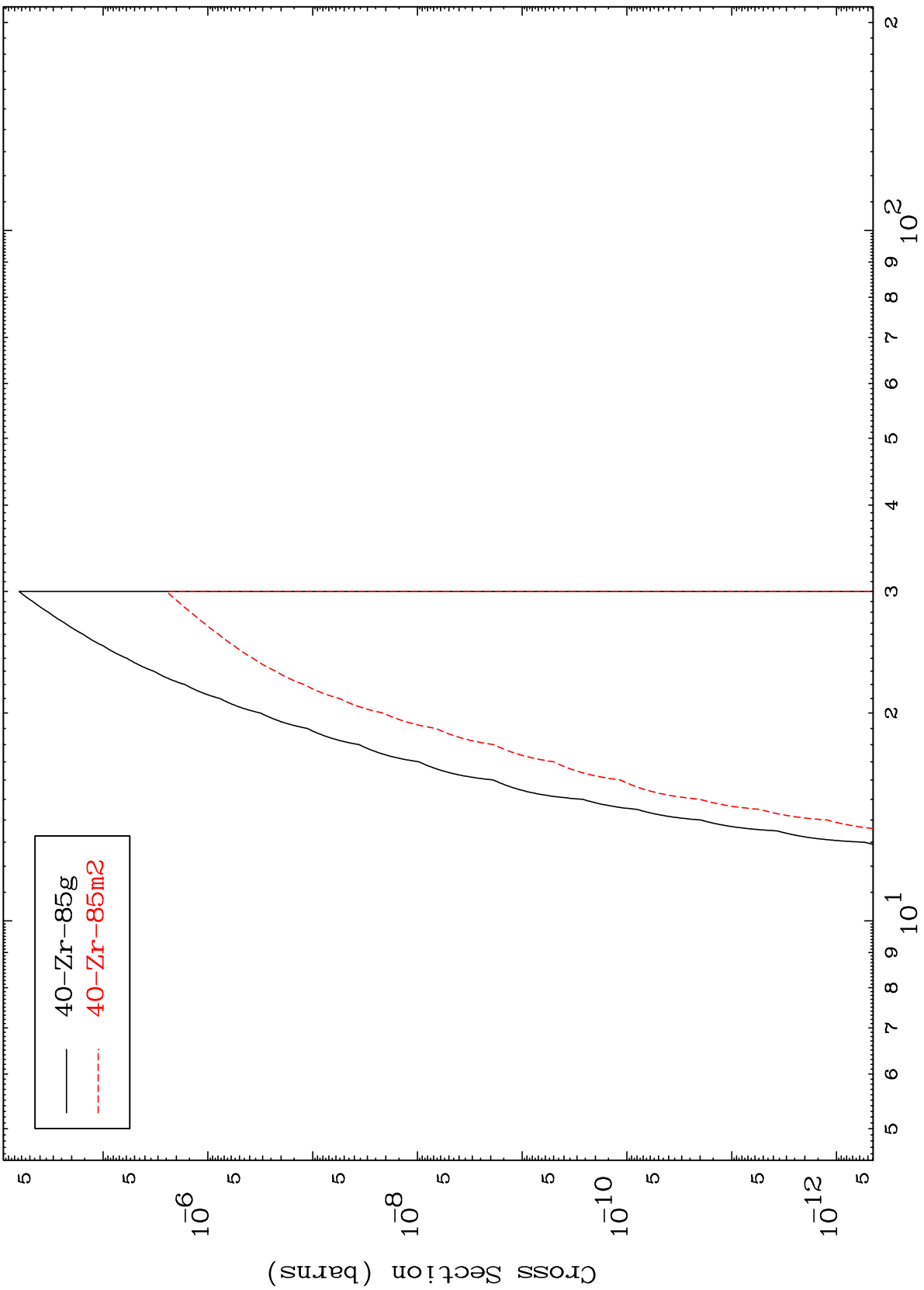
43-Tc-90

MAT 4299

(n,d) α

43-Tc-90

Radionuclide Production Cross Section



32

Incident Energy (MeV)

43-Tc-90