

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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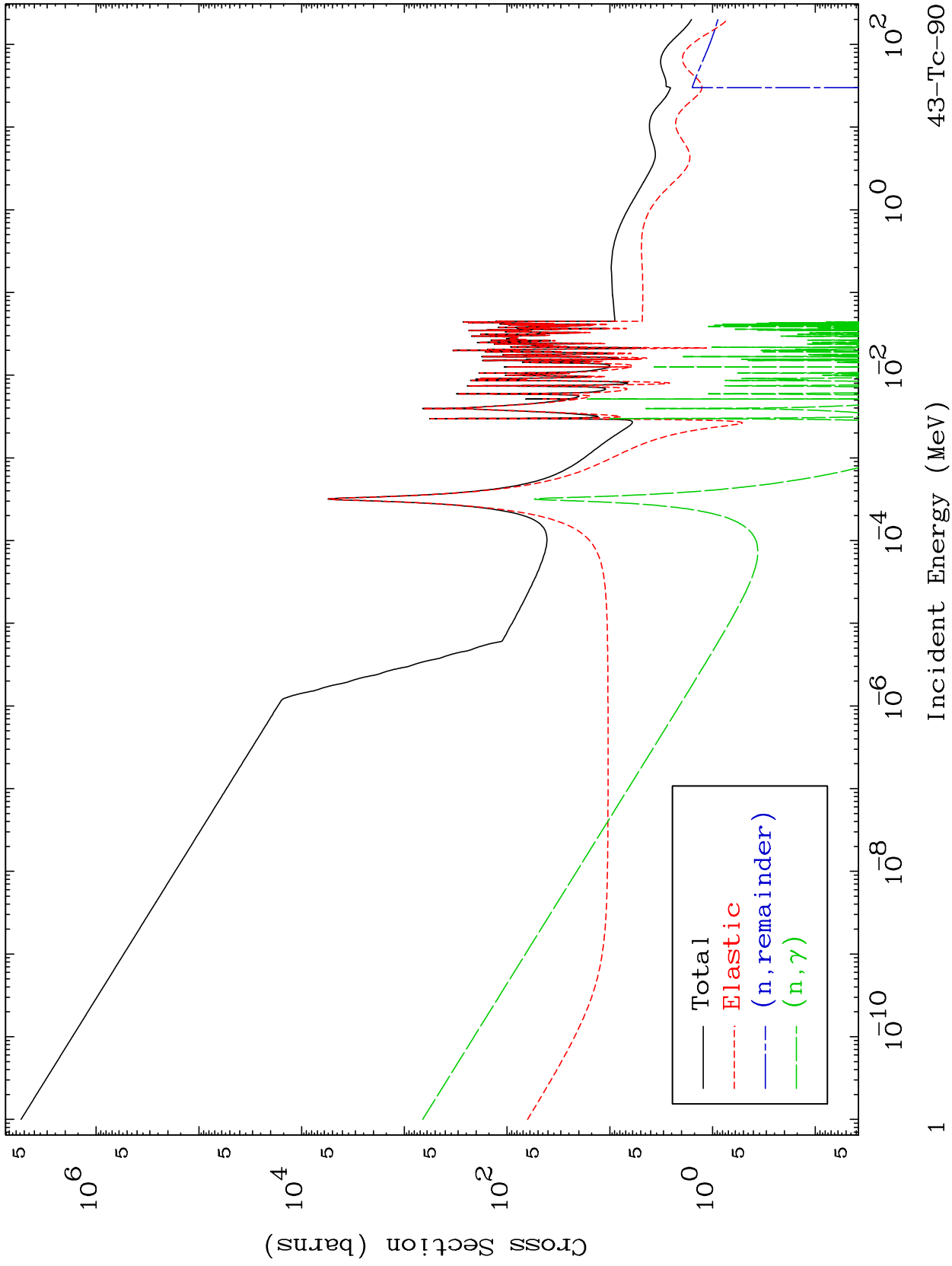
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

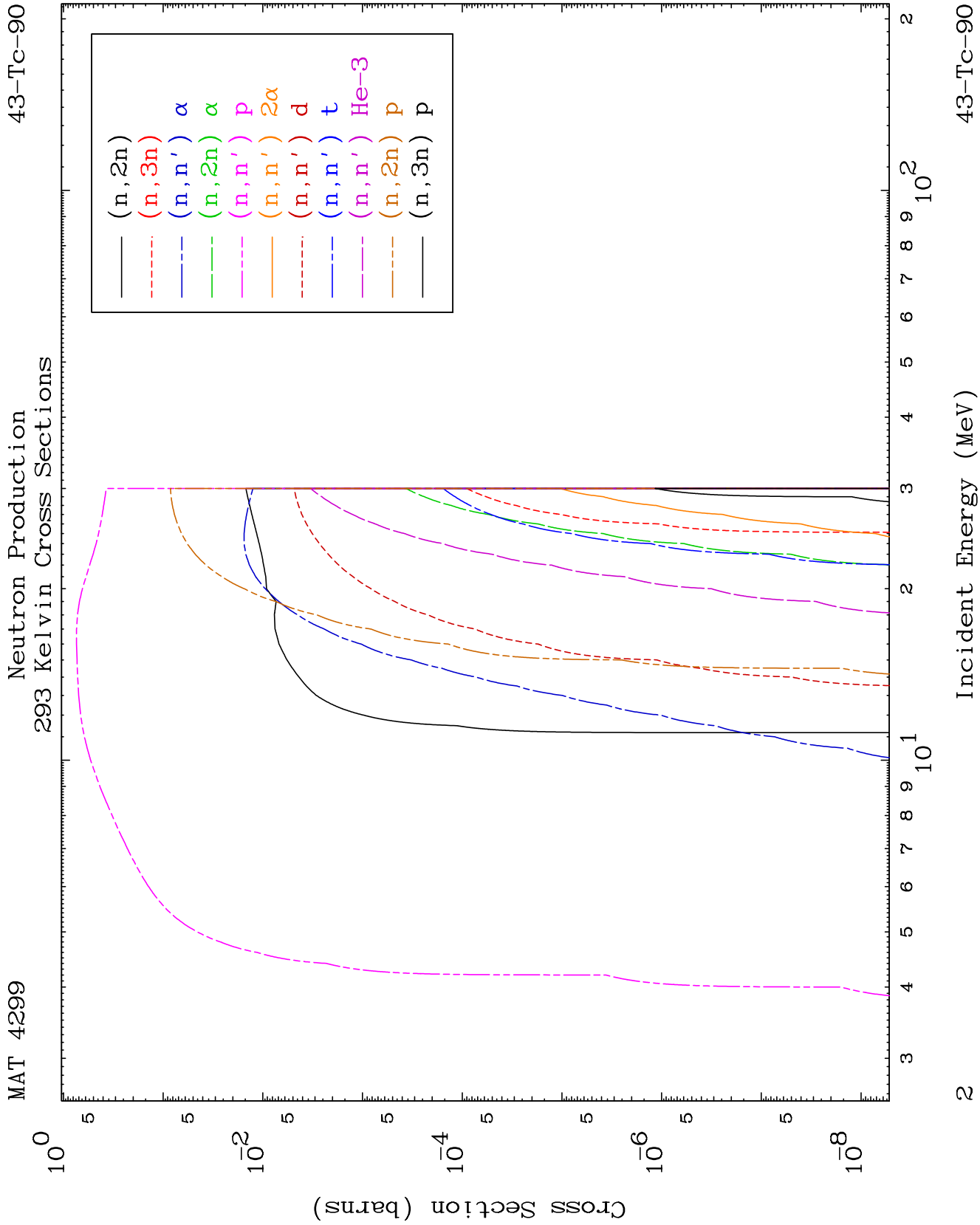
Press Mouse Button to Start

MAT 4299

Major  
293 Kelvin Cross Sections

43-Tc-90

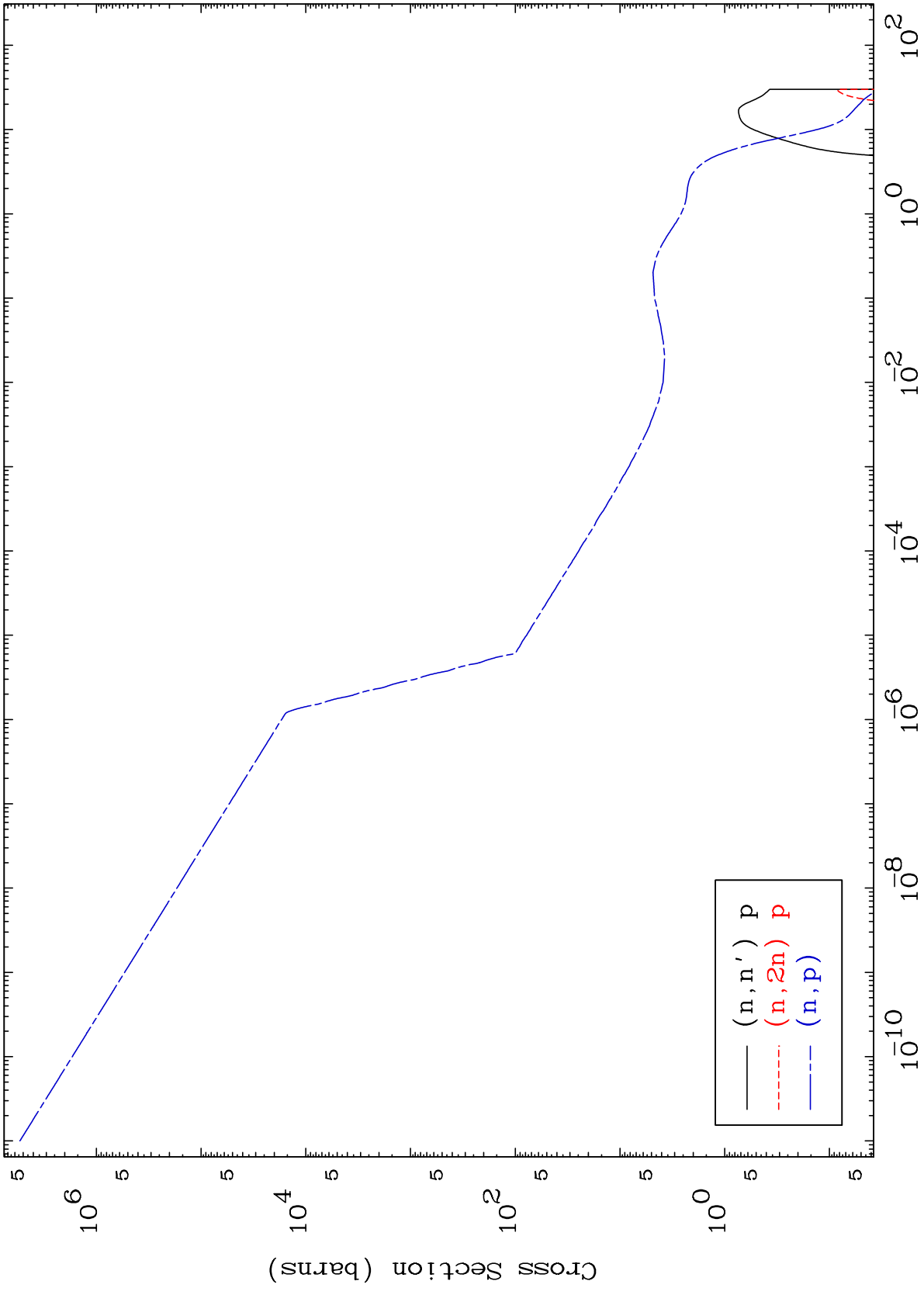




MAT 4299

Charged Particle  
293 Kelvin Cross Sections

43-Tc-90

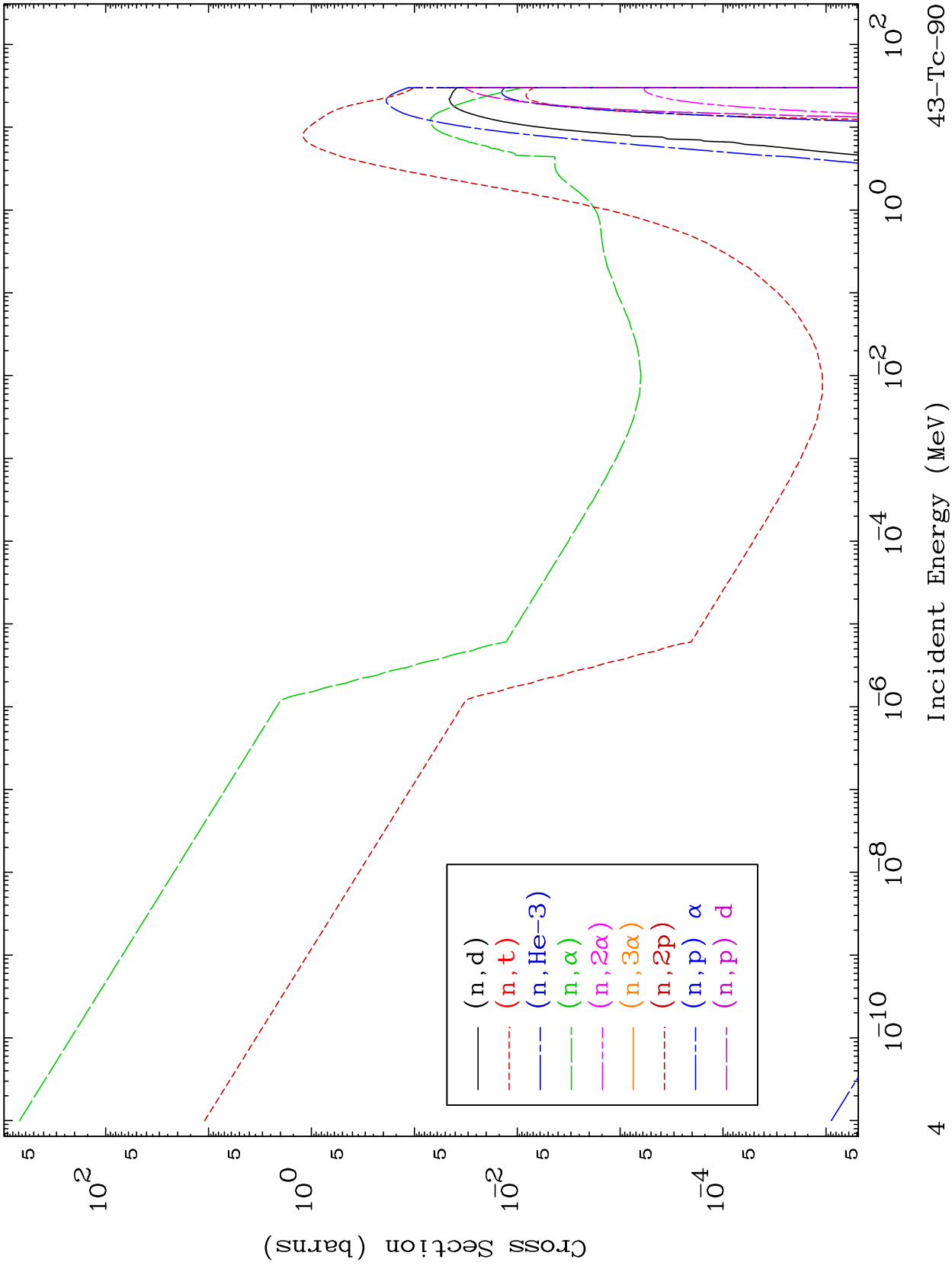


43-Tc-90

MAT 4299

Charged Particle  
293 Kelvin Cross Sections

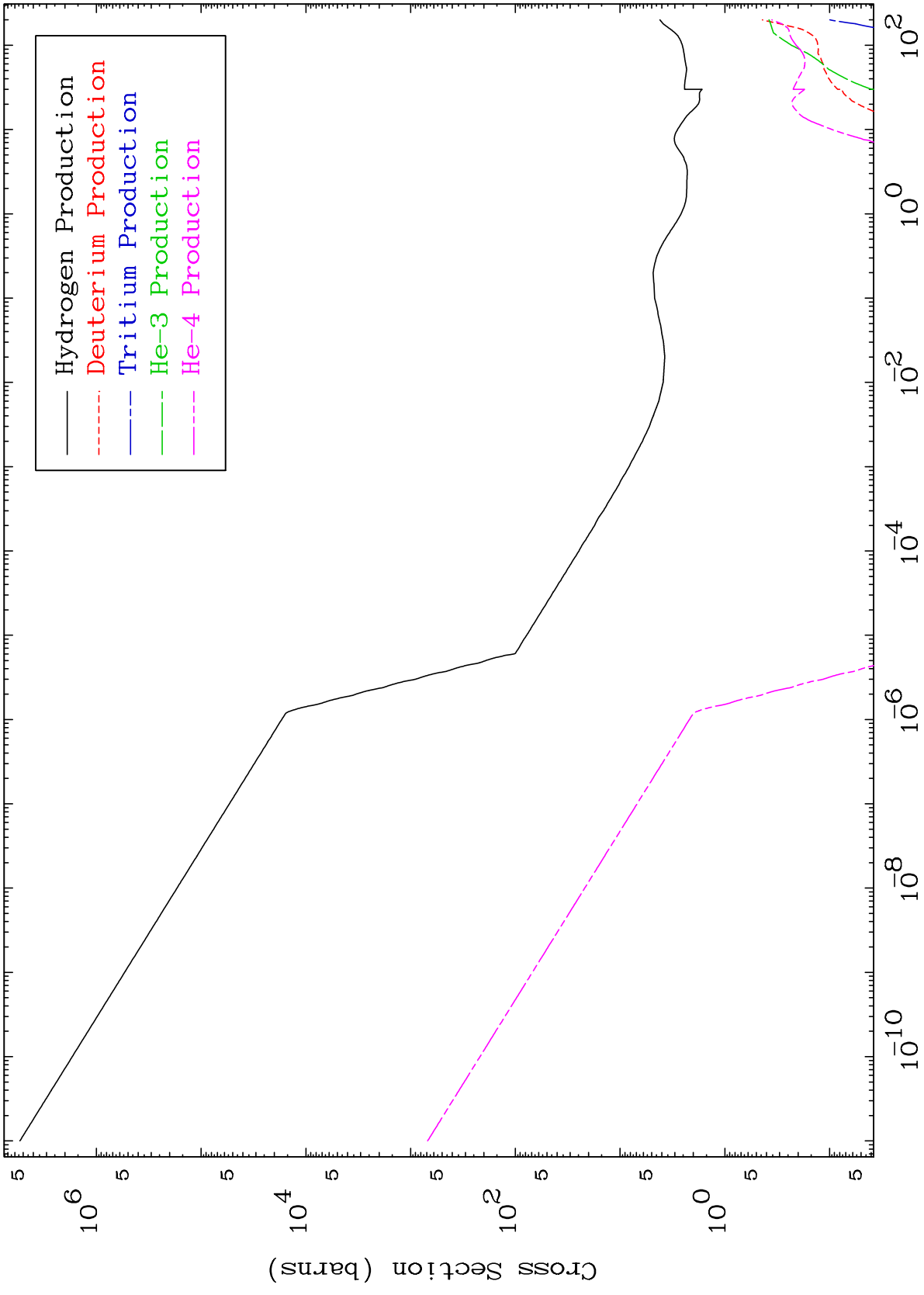
43-Tc-90



MAT 4299

Particle Production  
293 Kelvin Cross Sections

43-Tc-90



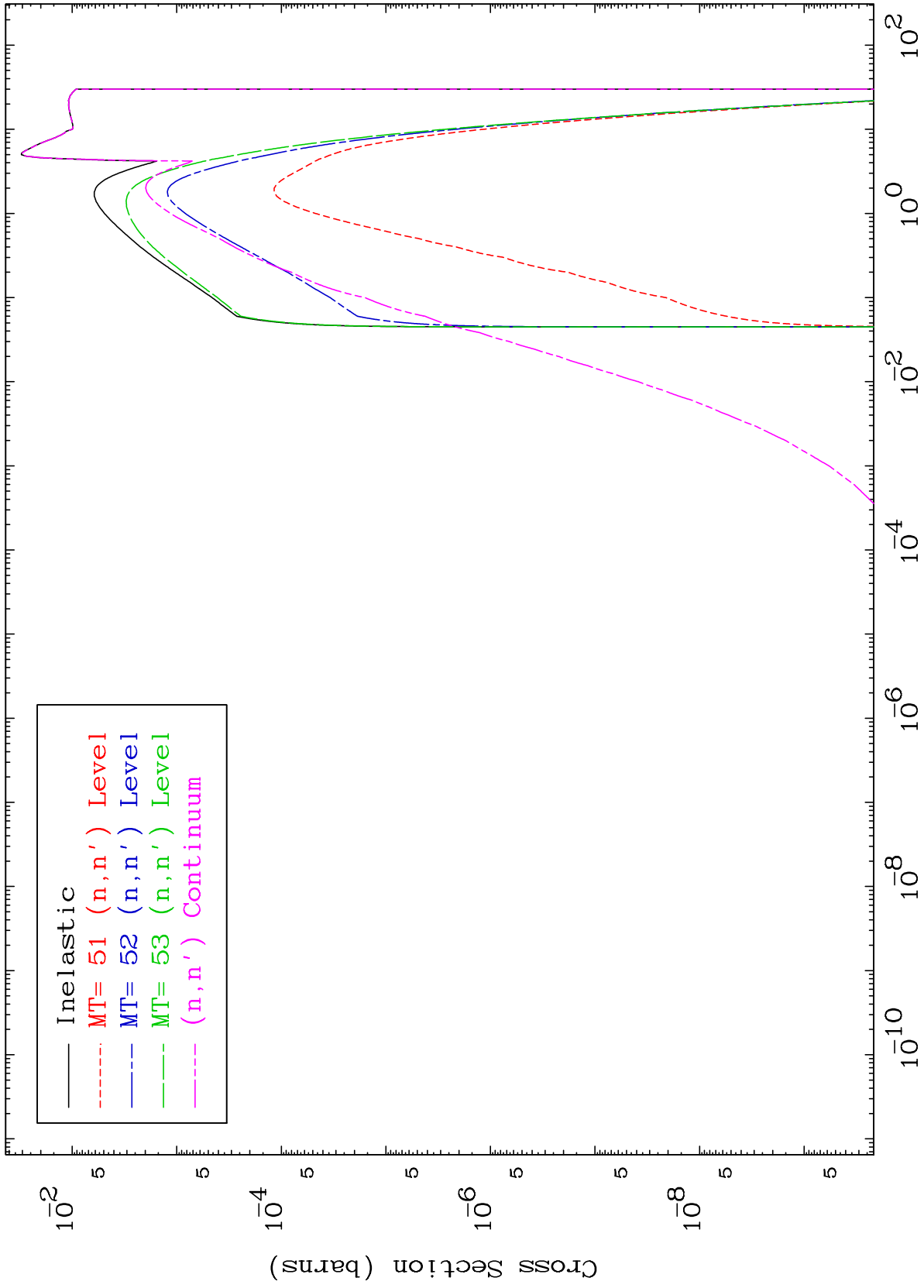
5

43-Tc-90

MAT 4299

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-90



6

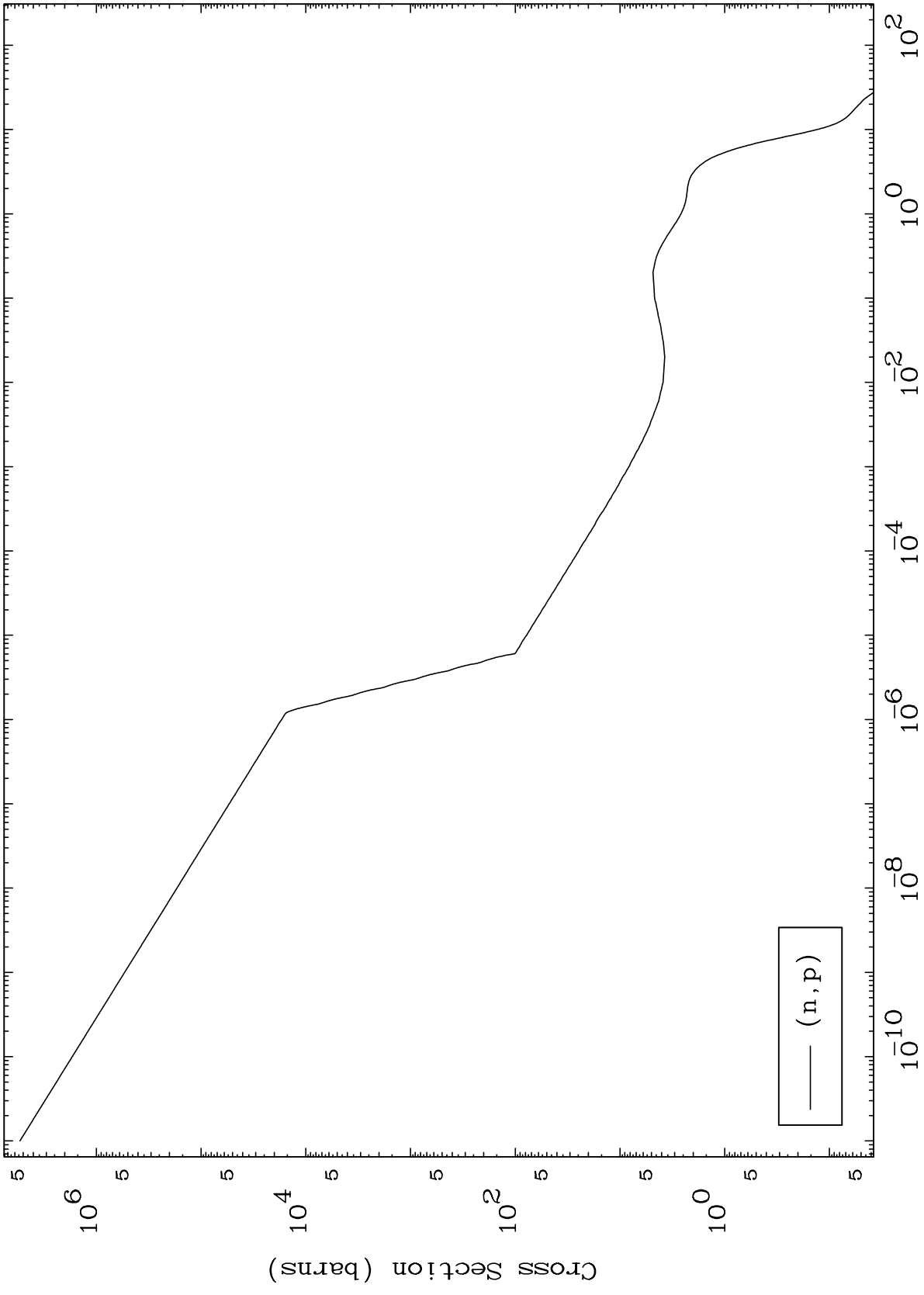
Incident Energy (MeV)

43-Tc-90

MAT 4299

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-90



— (n, p)

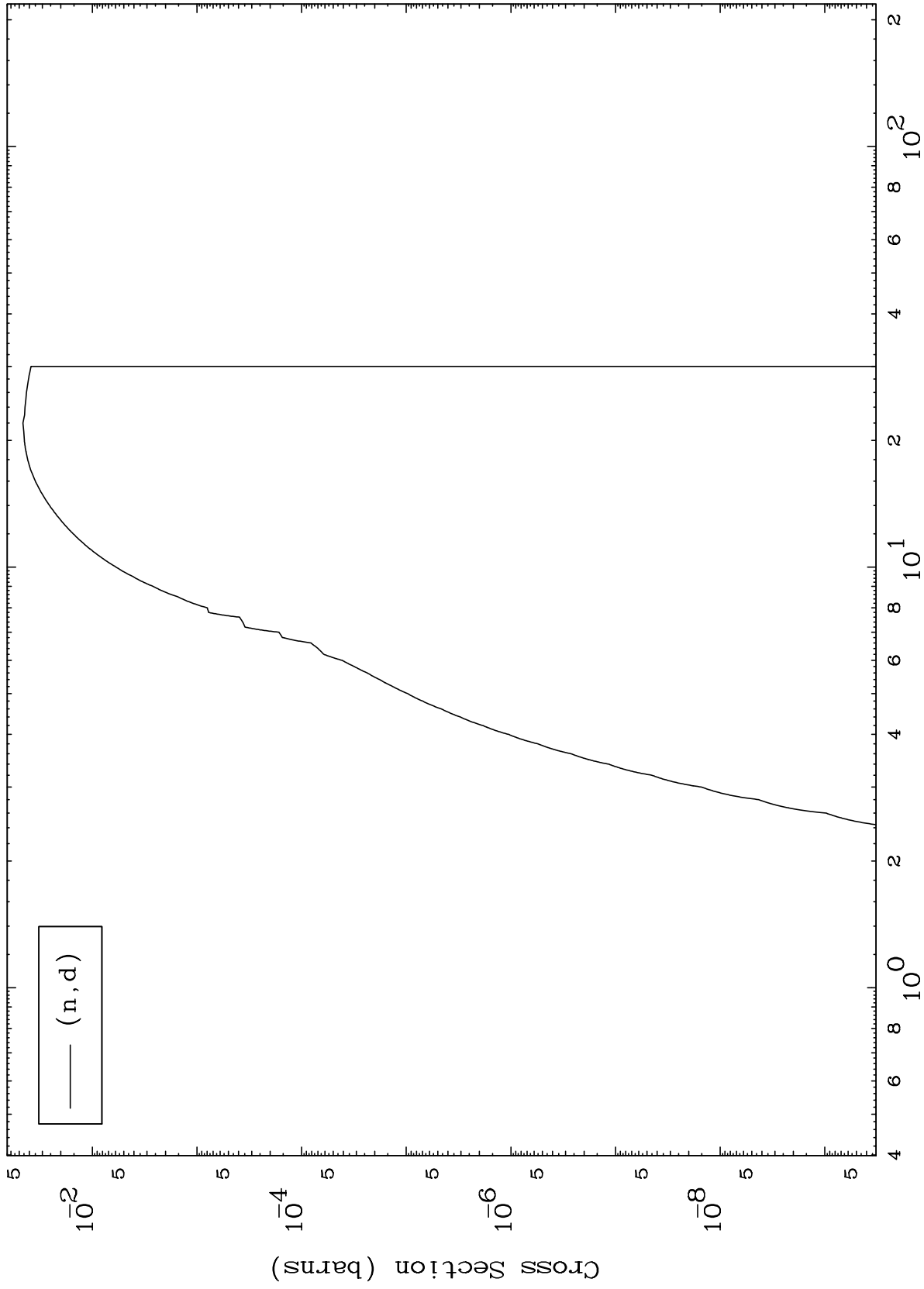
43-Tc-90



MAT 4299

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-90



8

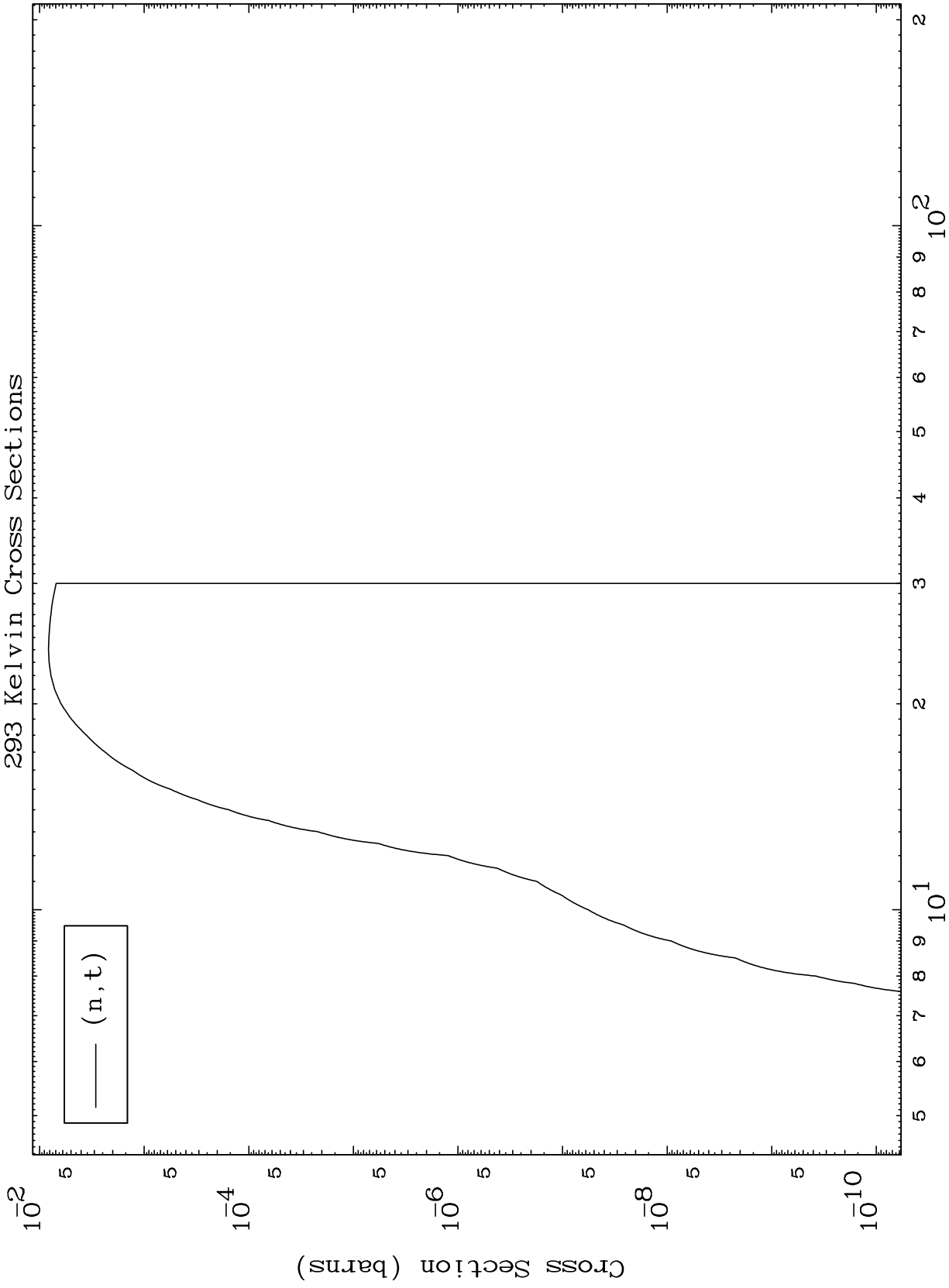
Incident Energy (MeV)

43-Tc-90

MAT 4299

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-90



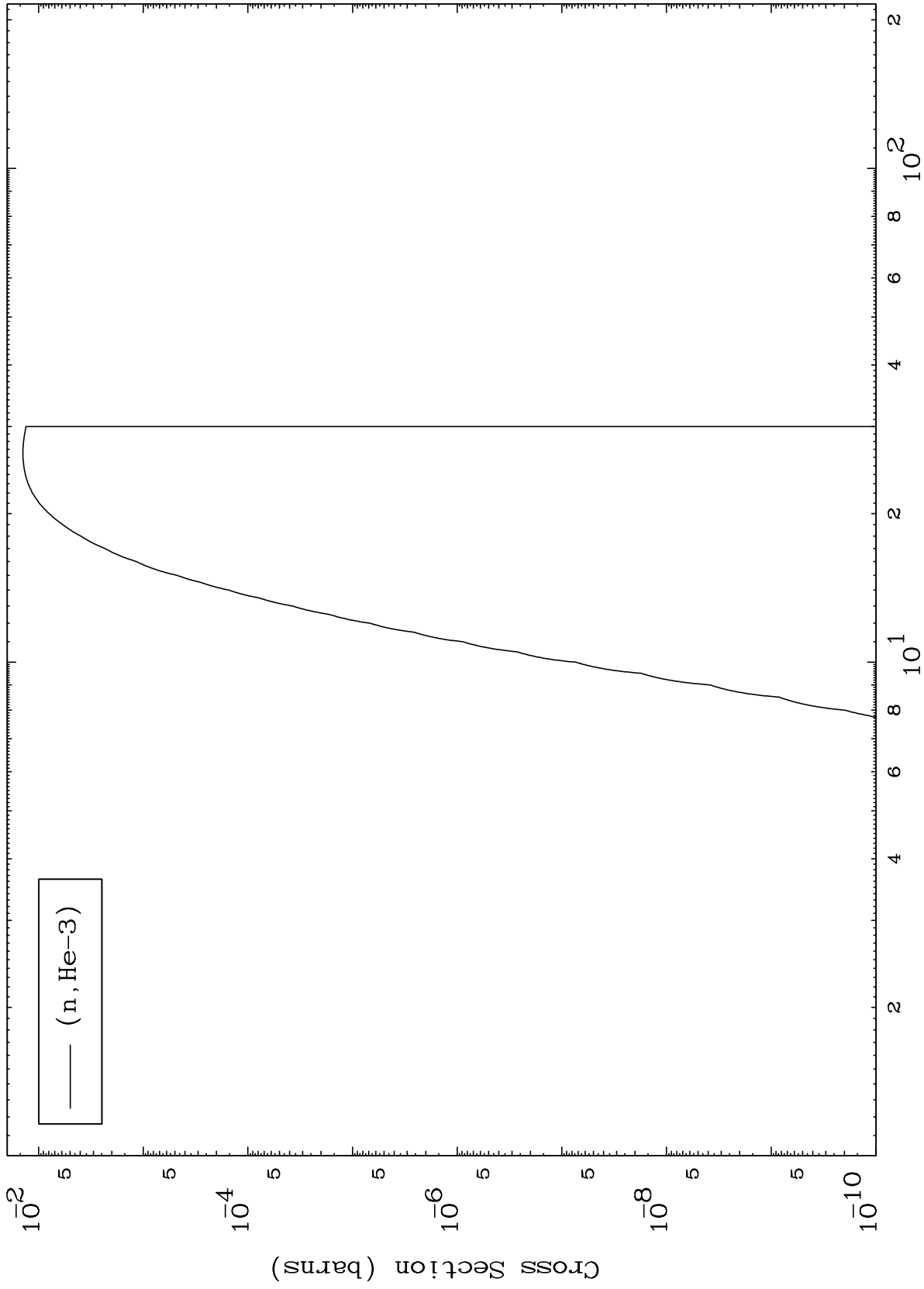
9

43-Tc-90

MAT 4299

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-90



10

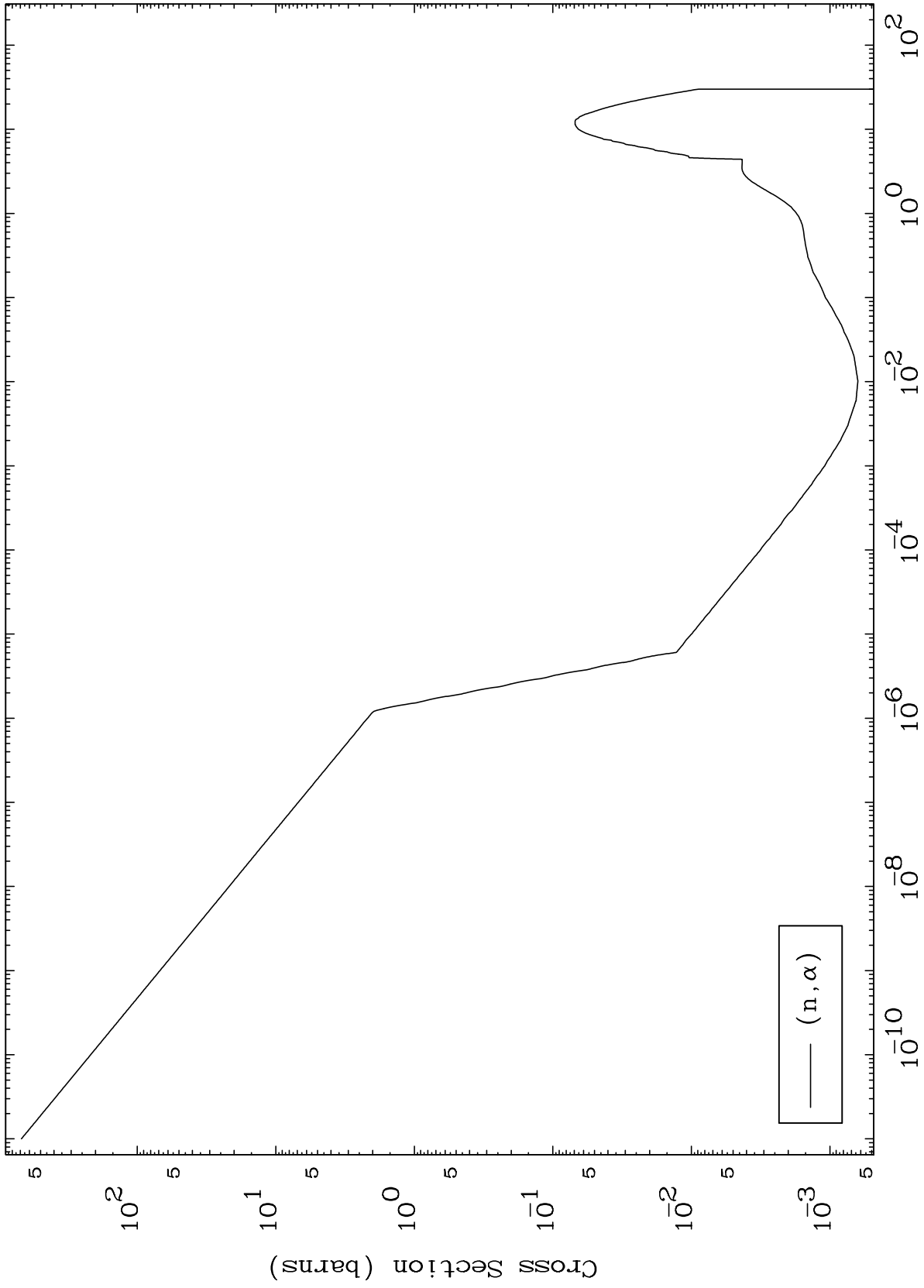
Incident Energy (MeV)

43-Tc-90

MAT 4299

(n,α) Levels  
293 Kelvin Cross Sections

43-Tc-90

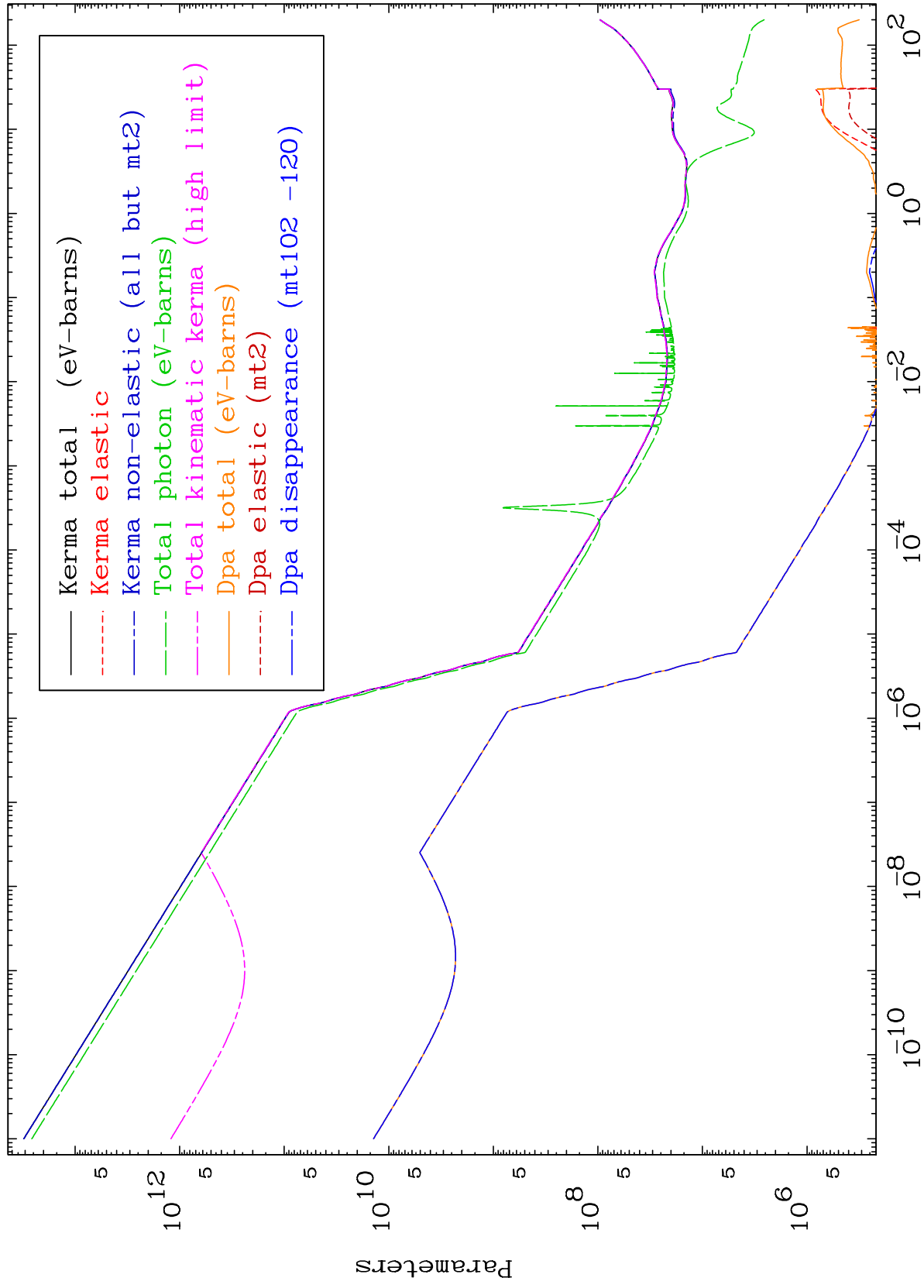


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Incident Energy (MeV)

43-Tc-90

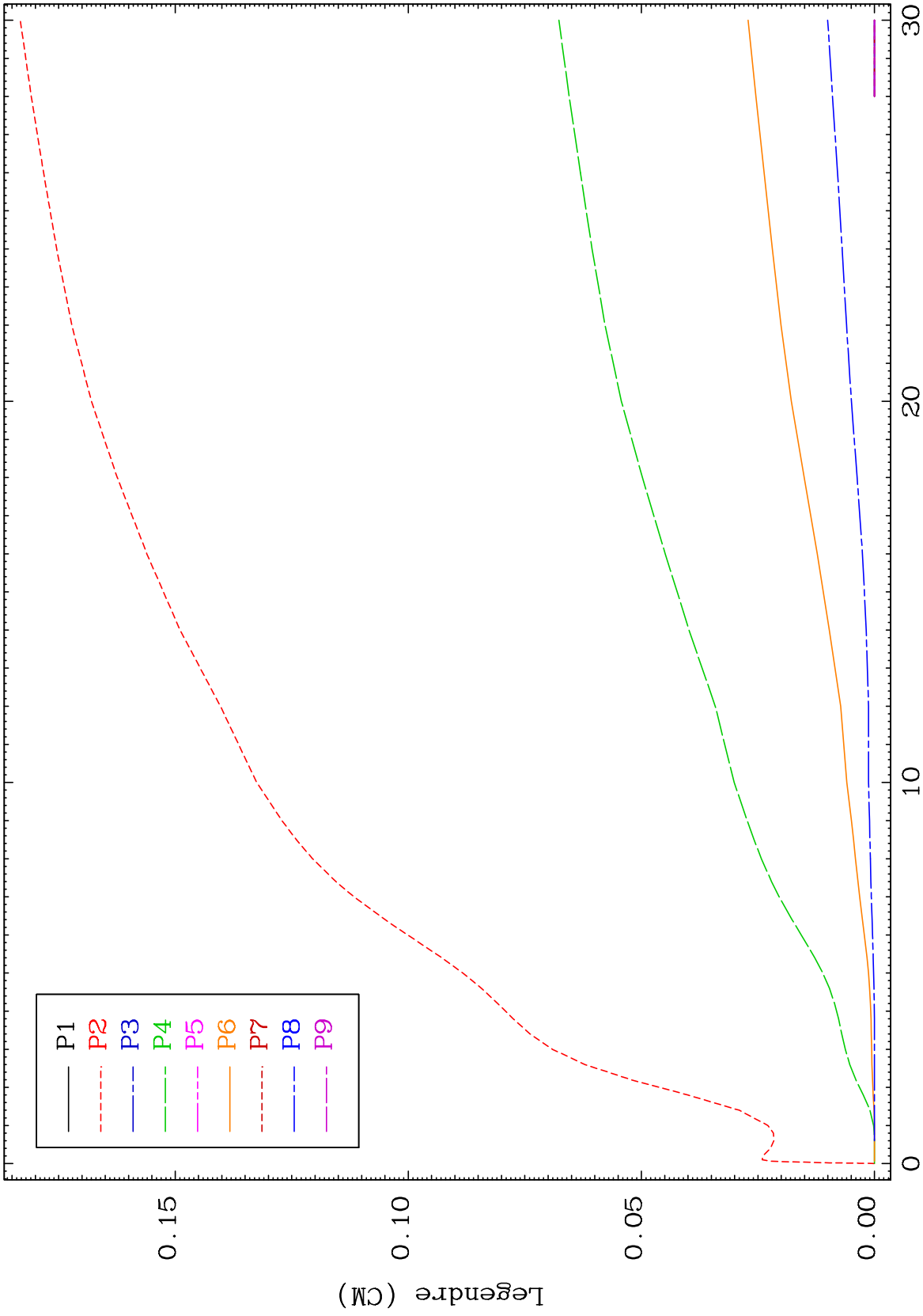
— (n,α)



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Elastic Legendre Coefficients

43-Tc-90



13

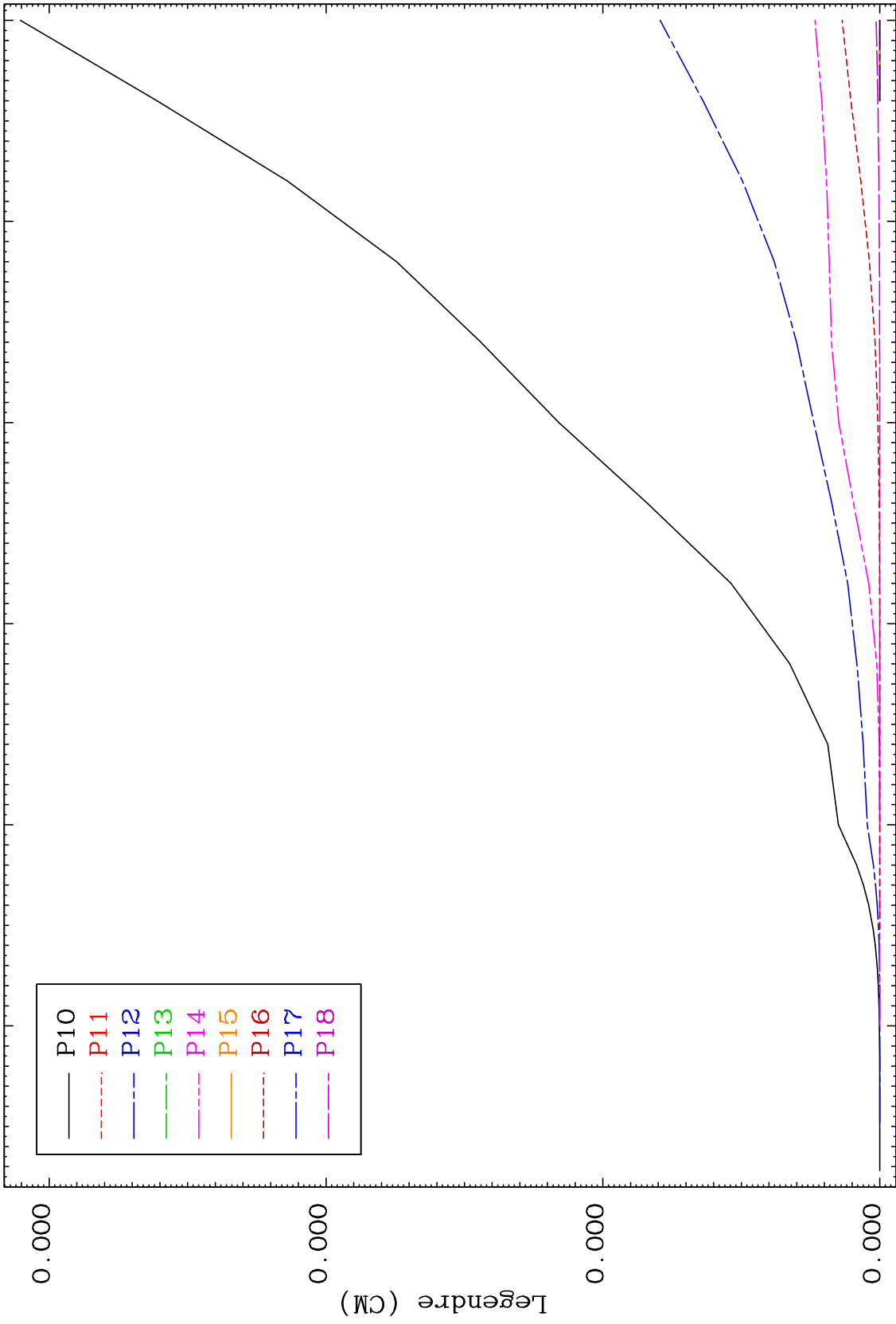
Incident Energy (MeV)

43-Tc-90

MAT 4299

Elastic Legendre Coefficients

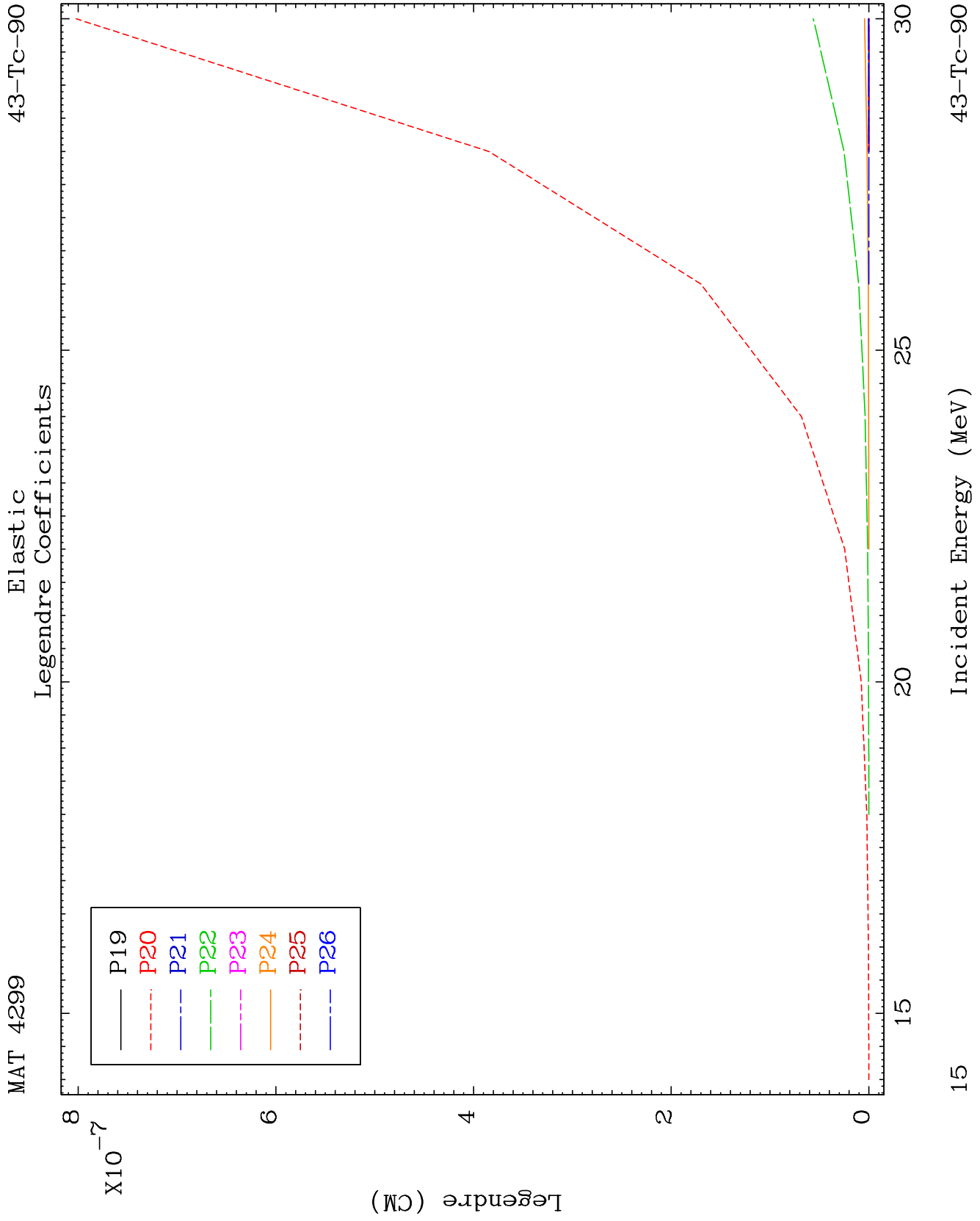
43-Tc-90



14

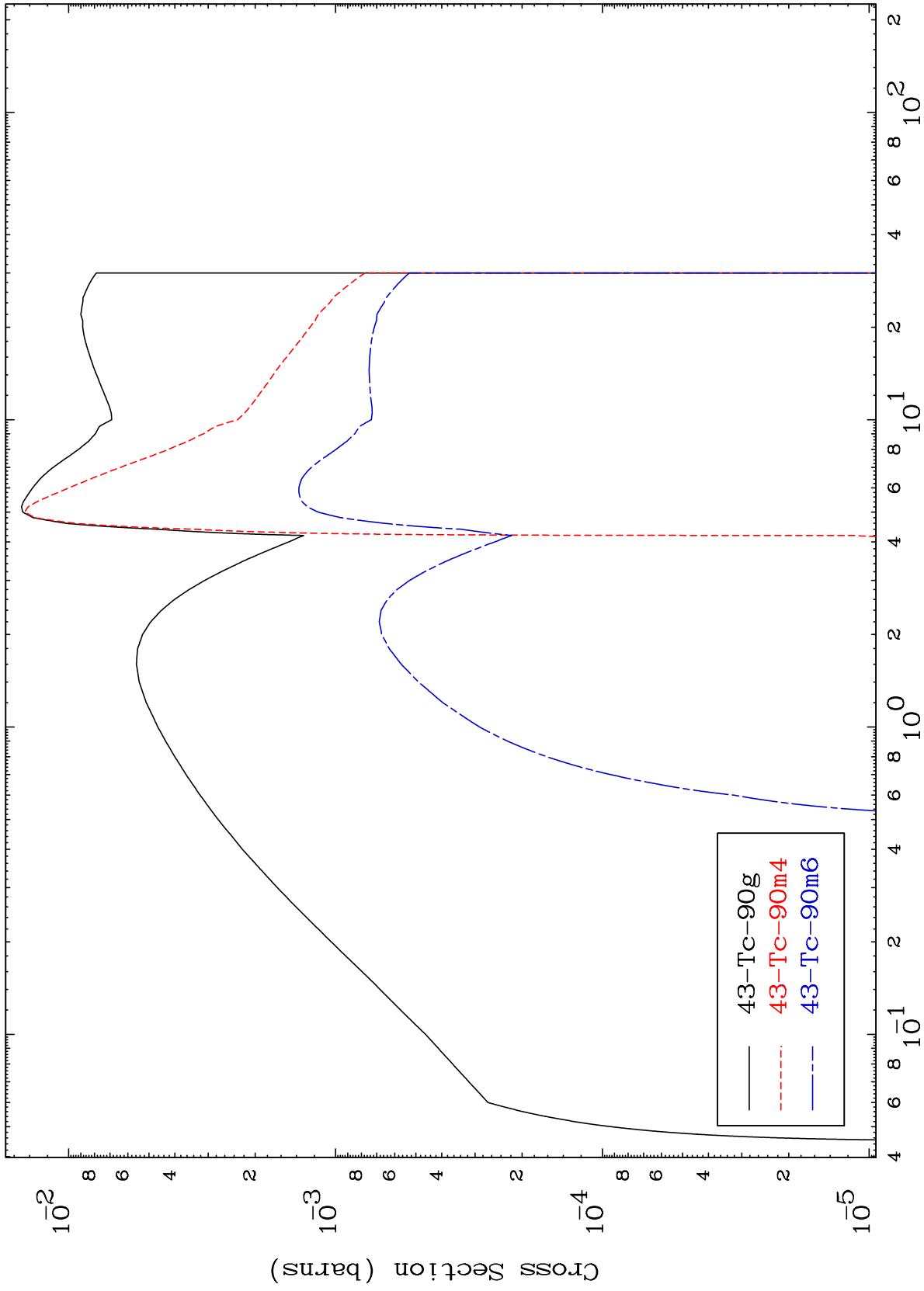
Incident Energy (MeV)

43-Tc-90





Inelastic  
Radionuclide Production Cross Section

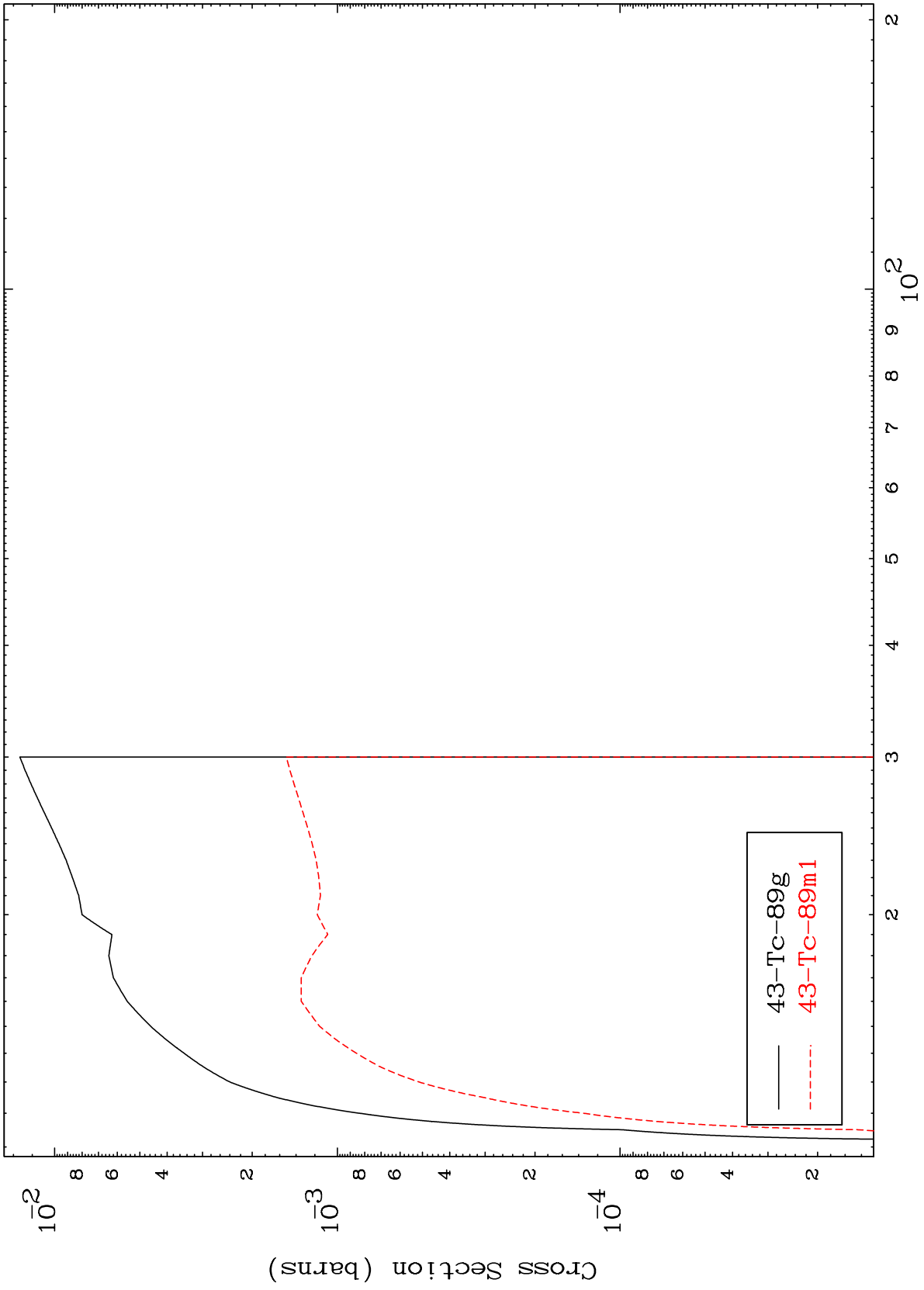


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43-Tc-90

Radionuclide Production Cross Section

(n,2n)



17

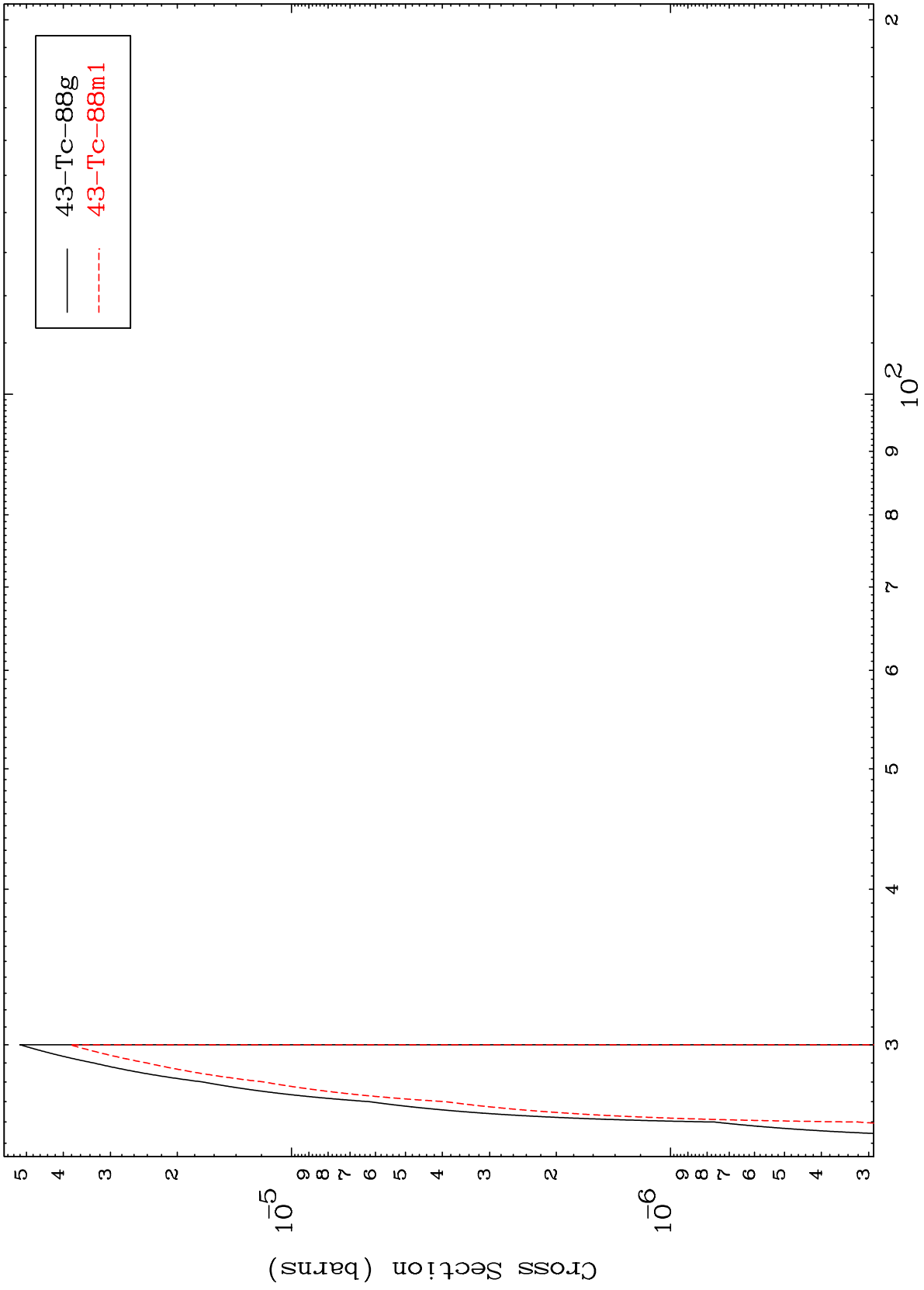
Incident Energy (MeV)

43-Tc-90

MAT 4299

43-Tc-90

(n,3n)  
Radionuclide Production Cross Section



18

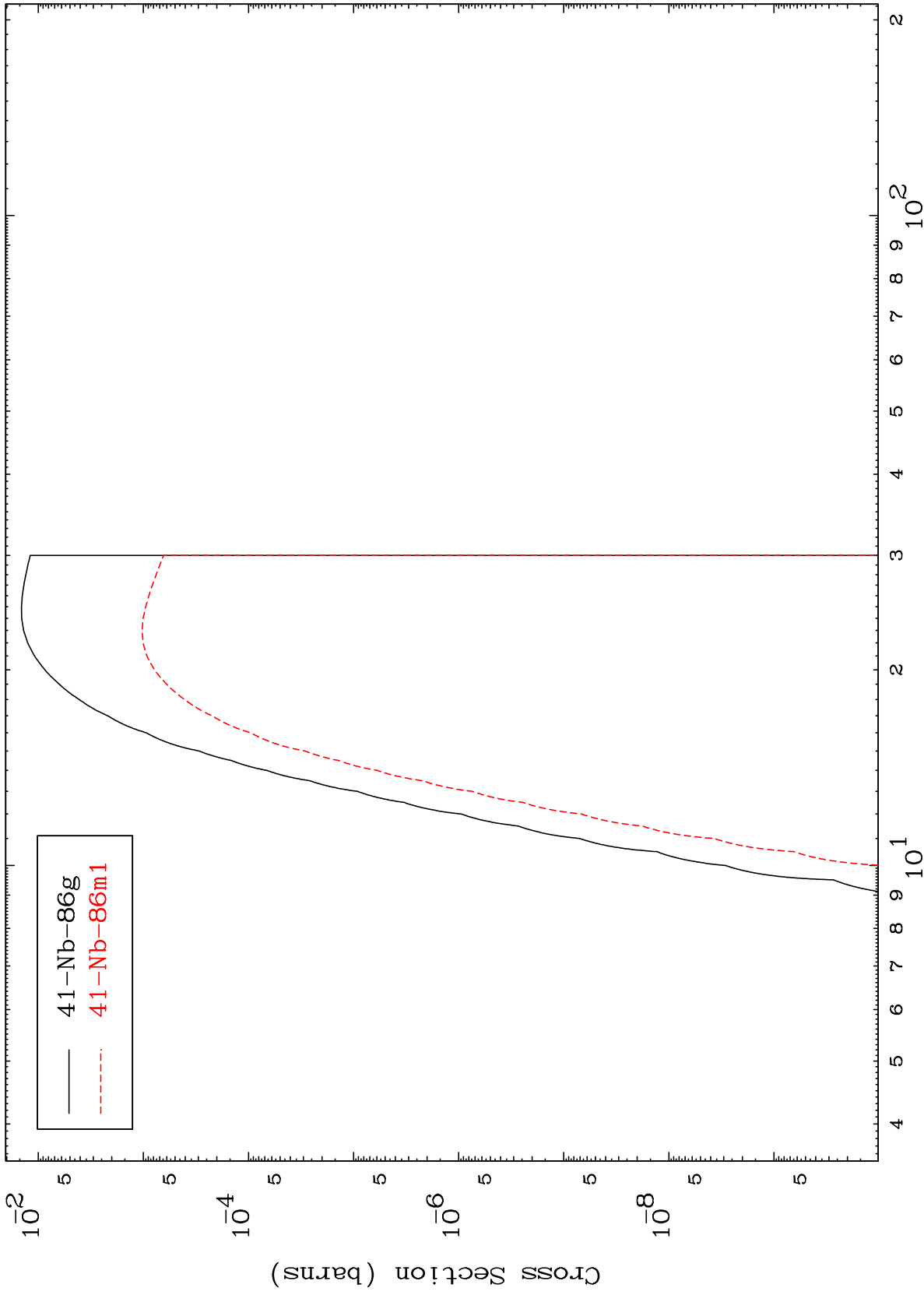
43-Tc-90

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(n,n')  $\alpha$

43-Tc-90

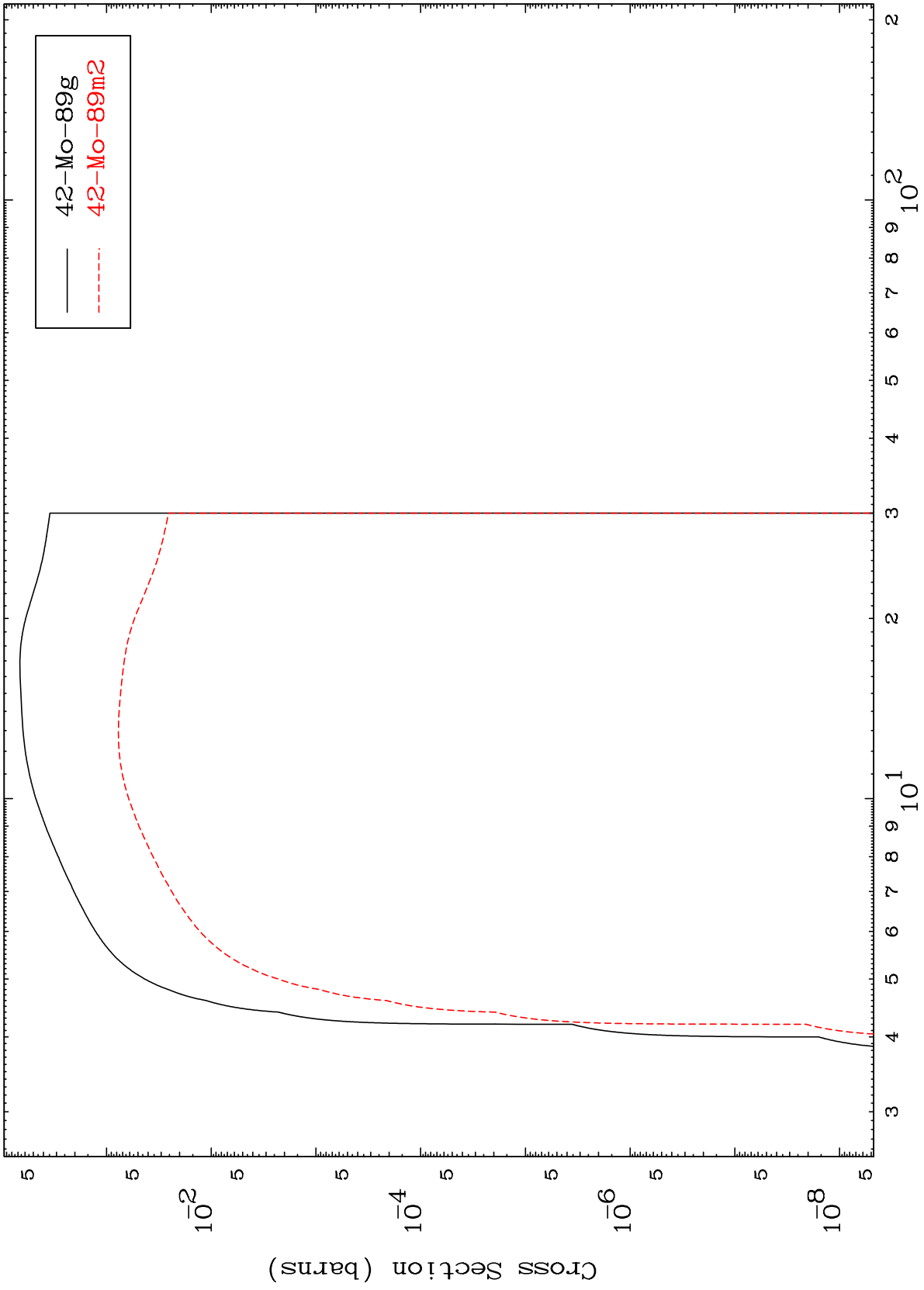
Radionuclide Production Cross Section



MAT 4299

43-Tc-90

(n,n') p  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

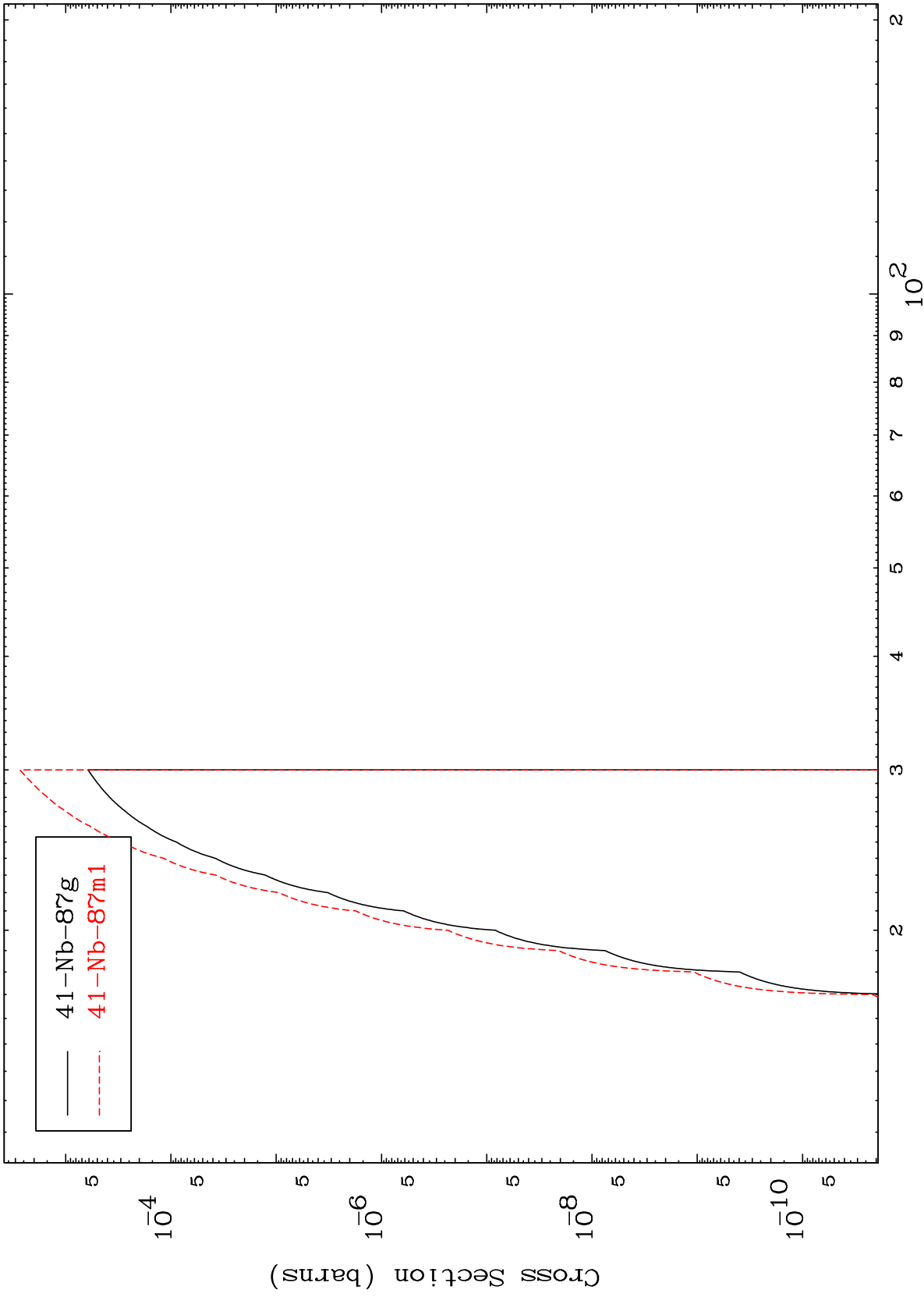
43-Tc-90

MAT 4299

(n, n') He-3

43-Tc-90

Radionuclide Production Cross Section



21

Incident Energy (MeV)

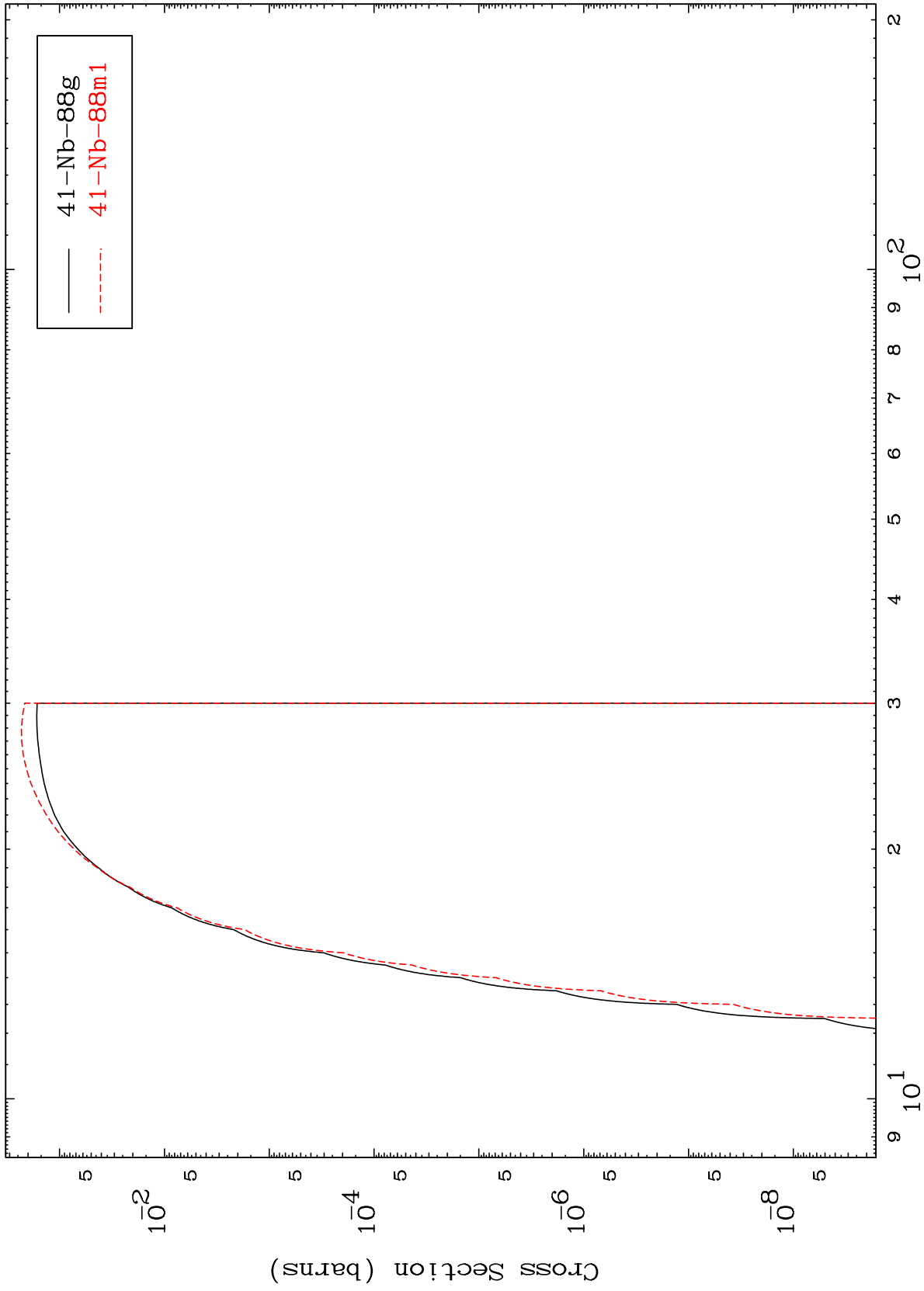
43-Tc-90

MAT 4299

(n,2n) p

43-Tc-90

Radionuclide Production Cross Section



22

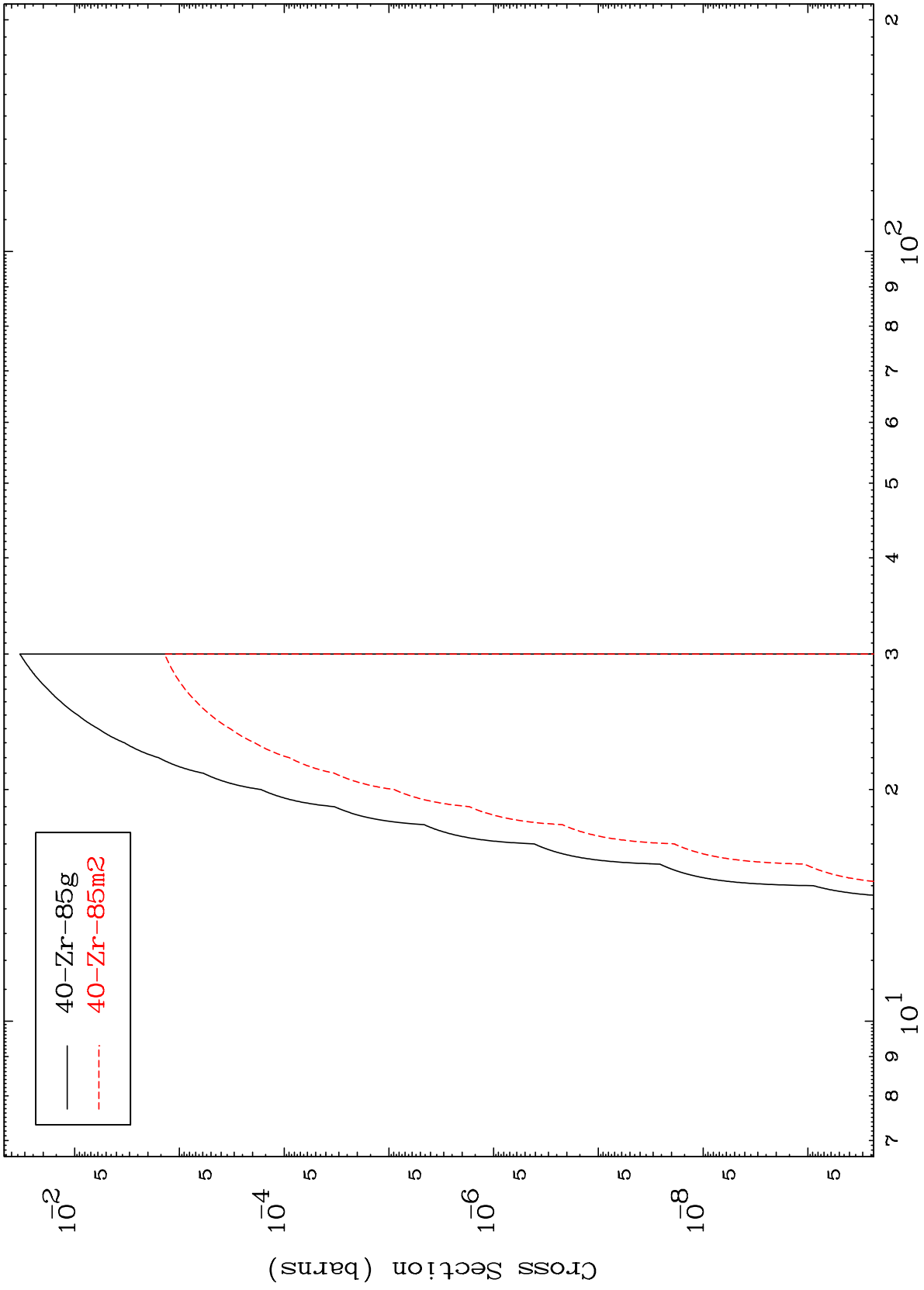
Incident Energy (MeV)

43-Tc-90

MAT 4299

43-Tc-90

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



23

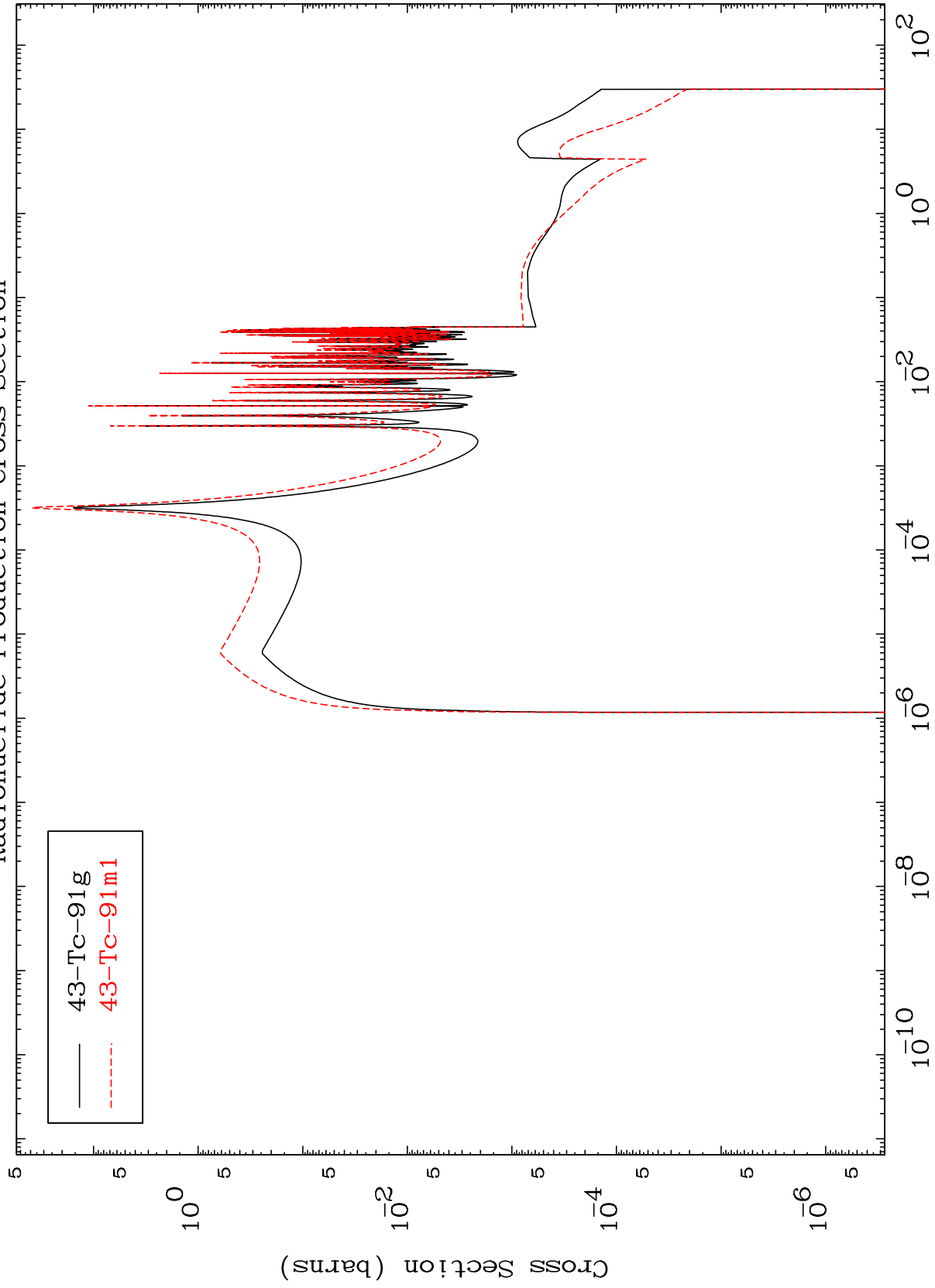
43-Tc-90



MAT 4299

43-Tc-90

Radionuclide Production Cross Section



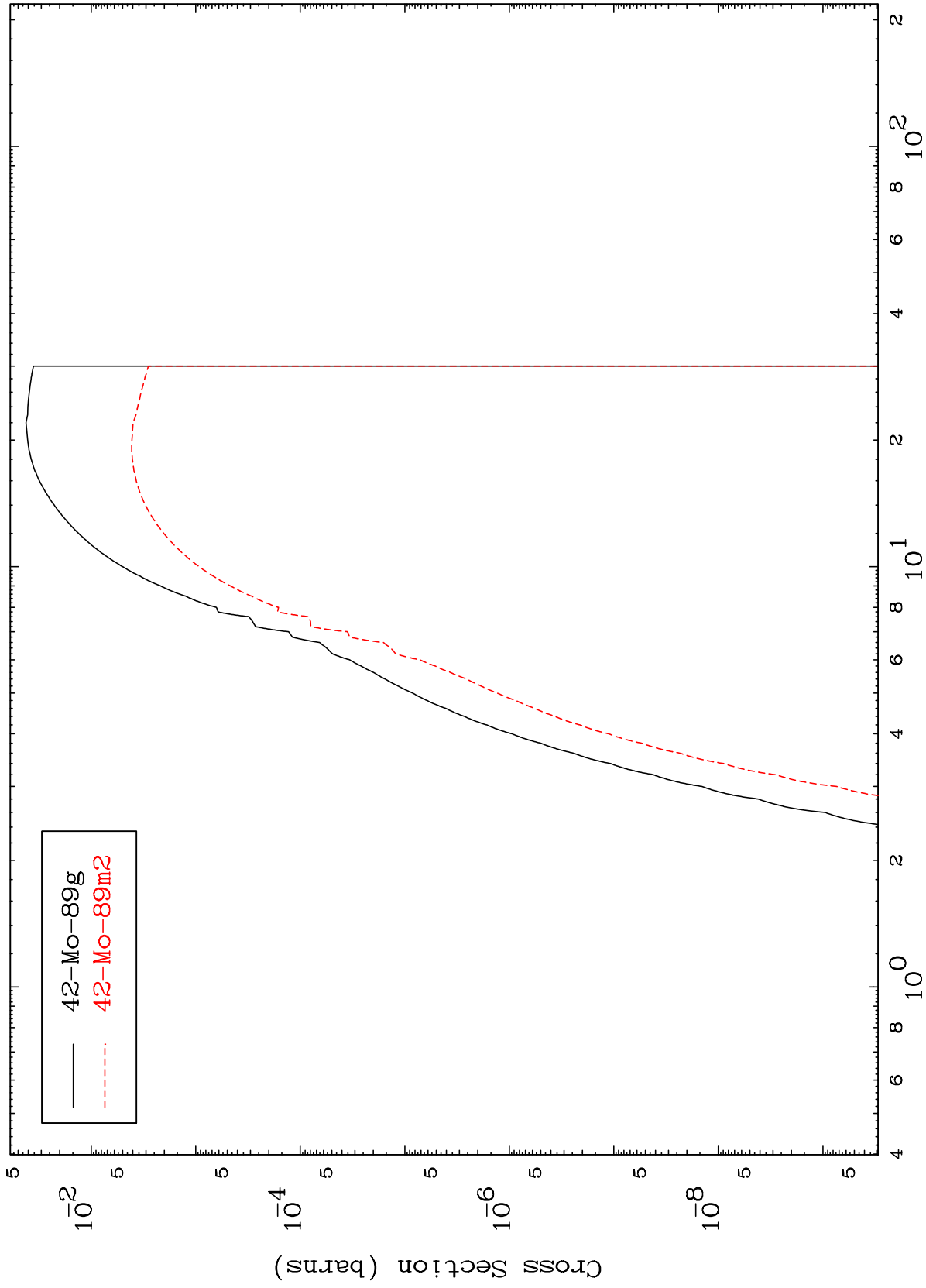
24

43-Tc-90

MAT 4299

(n,d)  
Radionuclide Production Cross Section

<sup>43</sup>Tc-90



25

Incident Energy (MeV)

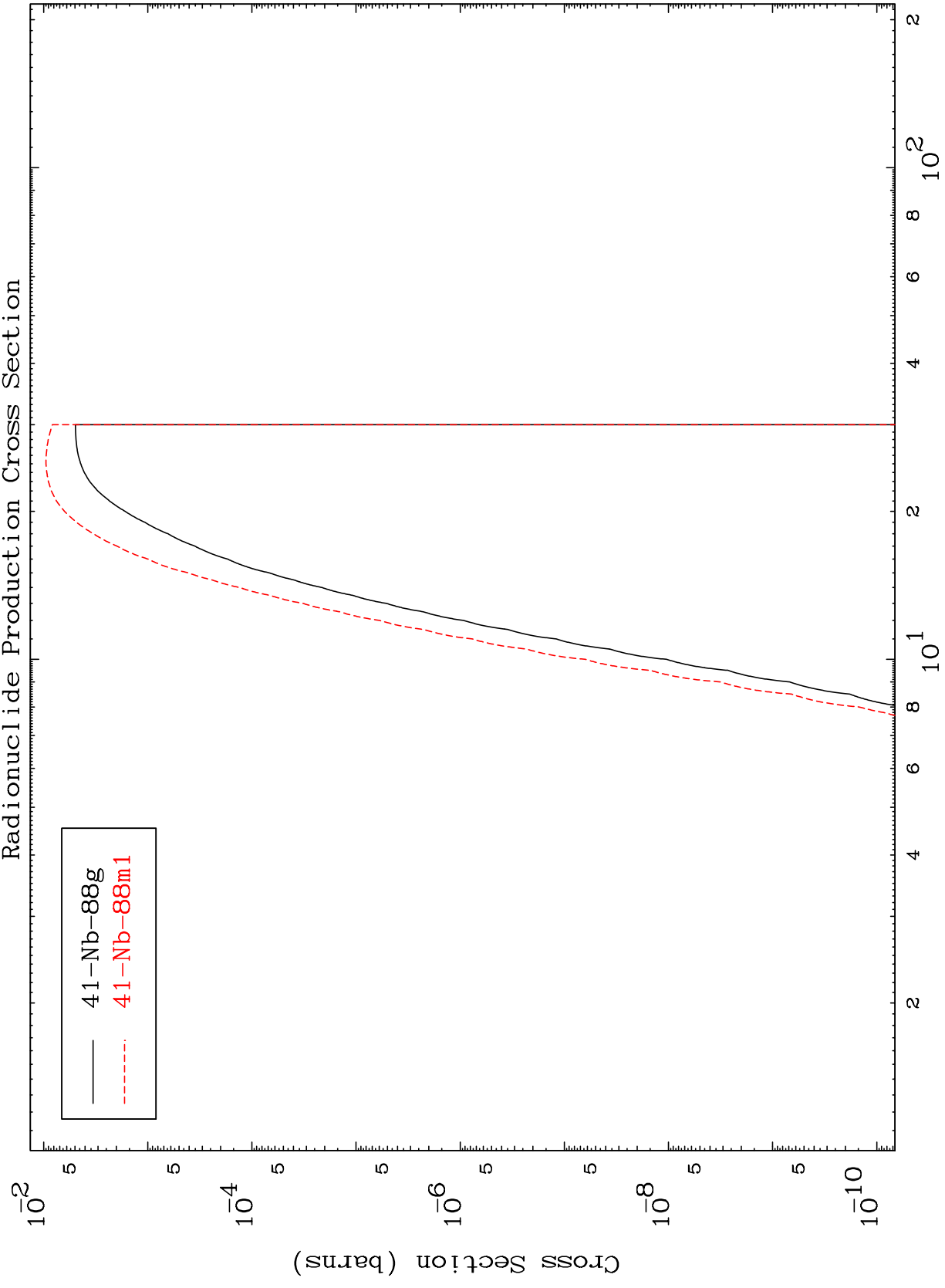
<sup>43</sup>Tc-90

MAT 4299

(n, He-3)

43-Tc-90

Radionuclide Production Cross Section



26

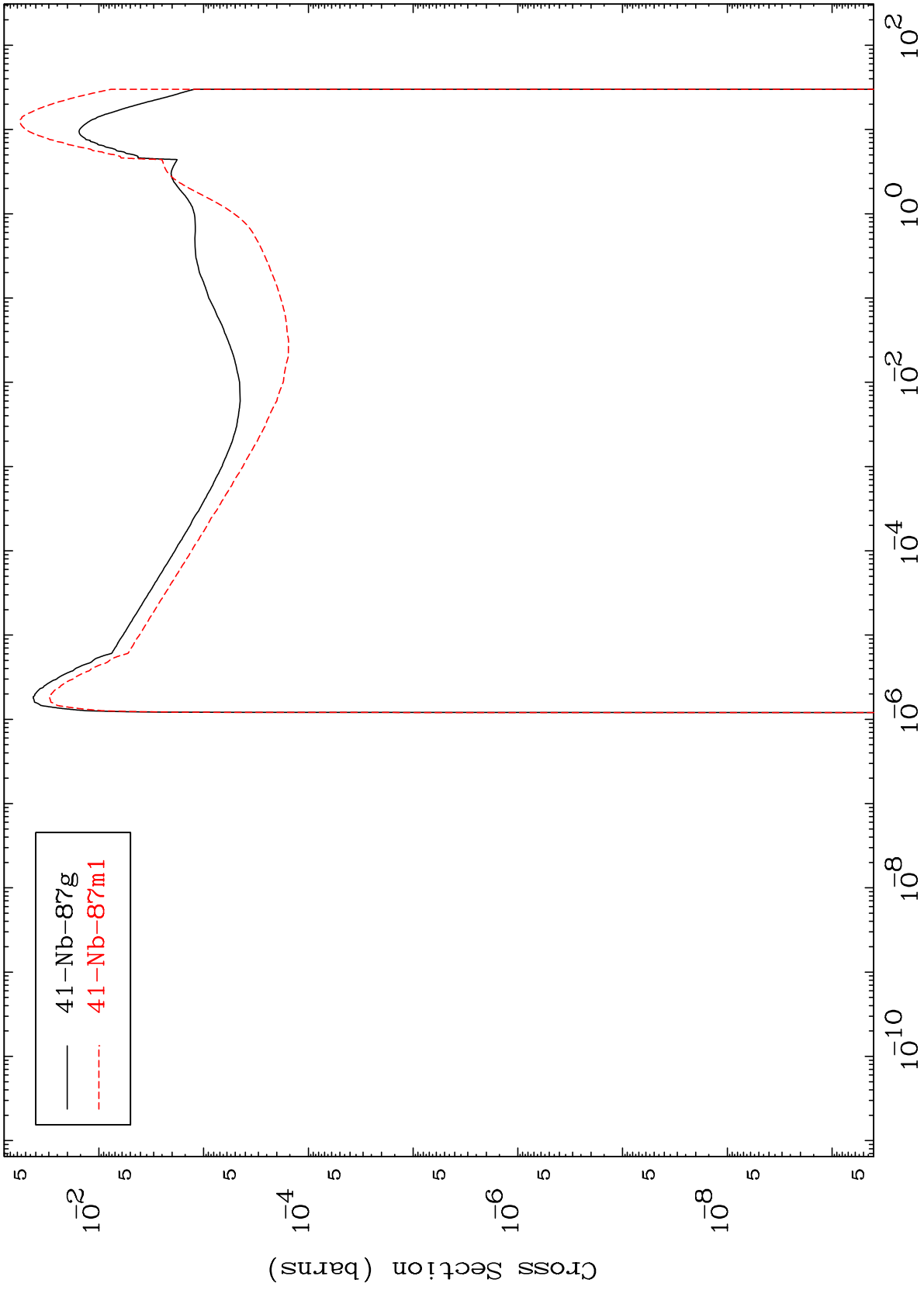
Incident Energy (MeV)

43-Tc-90

MAT 4299

43-Tc-90

(n,α)  
Radionuclide Production Cross Section



27

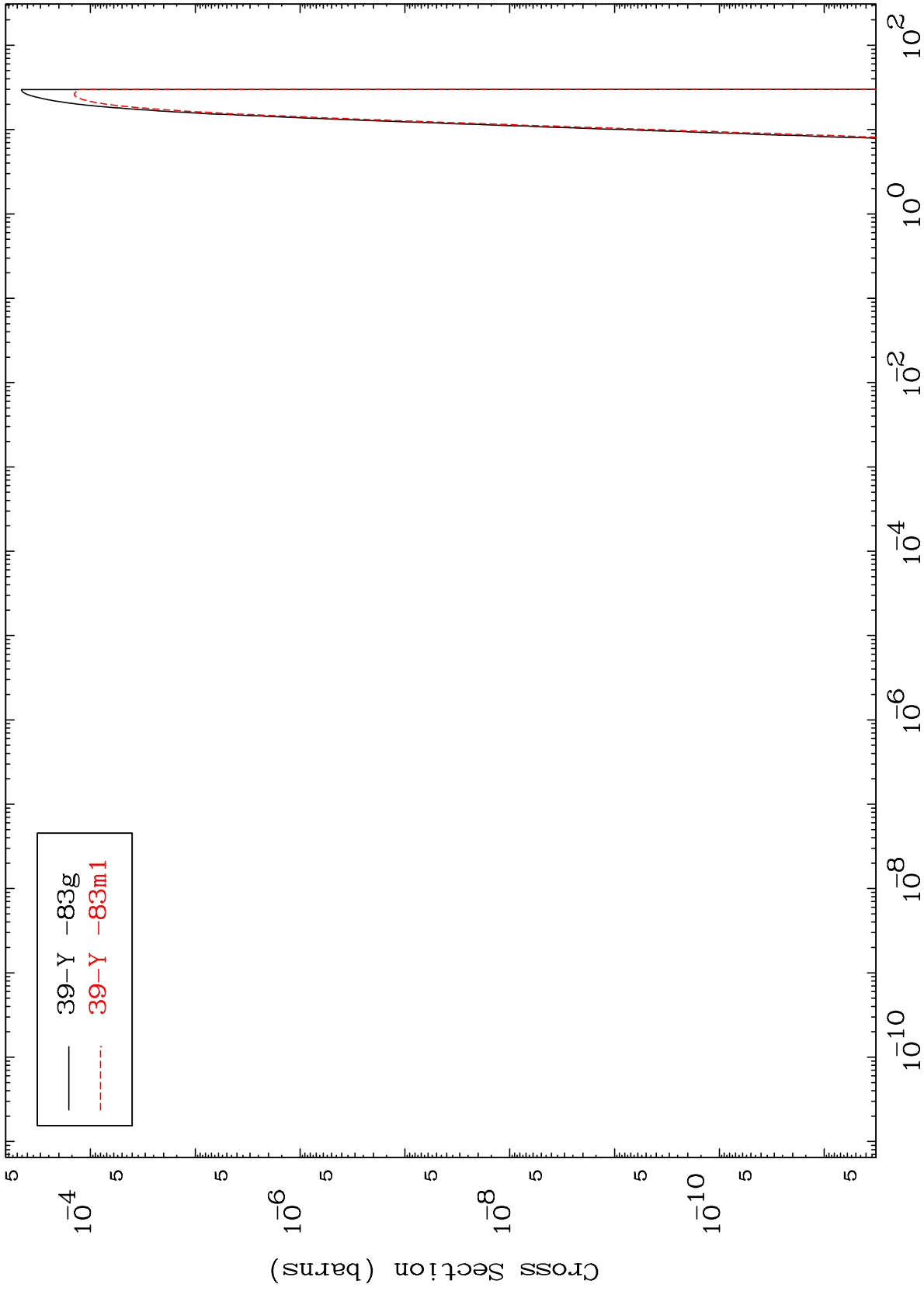
43-Tc-90

MAT 4299

(n,2α)

43-Tc-90

Radionuclide Production Cross Section



28

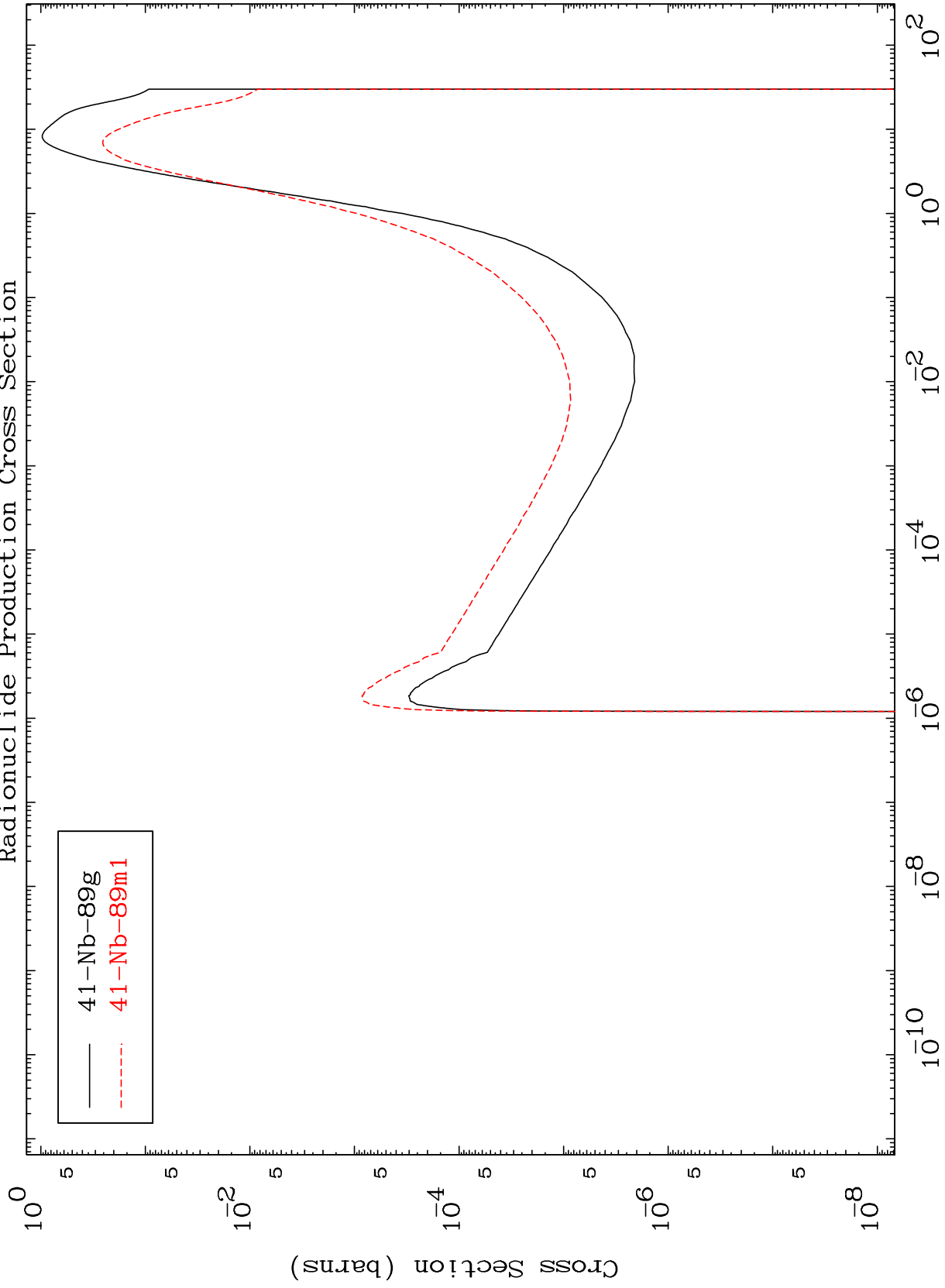
Incident Energy (MeV)

43-Tc-90

MAT 4299

Radionuclide Production Cross Section  
(n,2p)

43-Tc-90



— 41-Nb-89g  
- - - 41-Nb-89m1

29

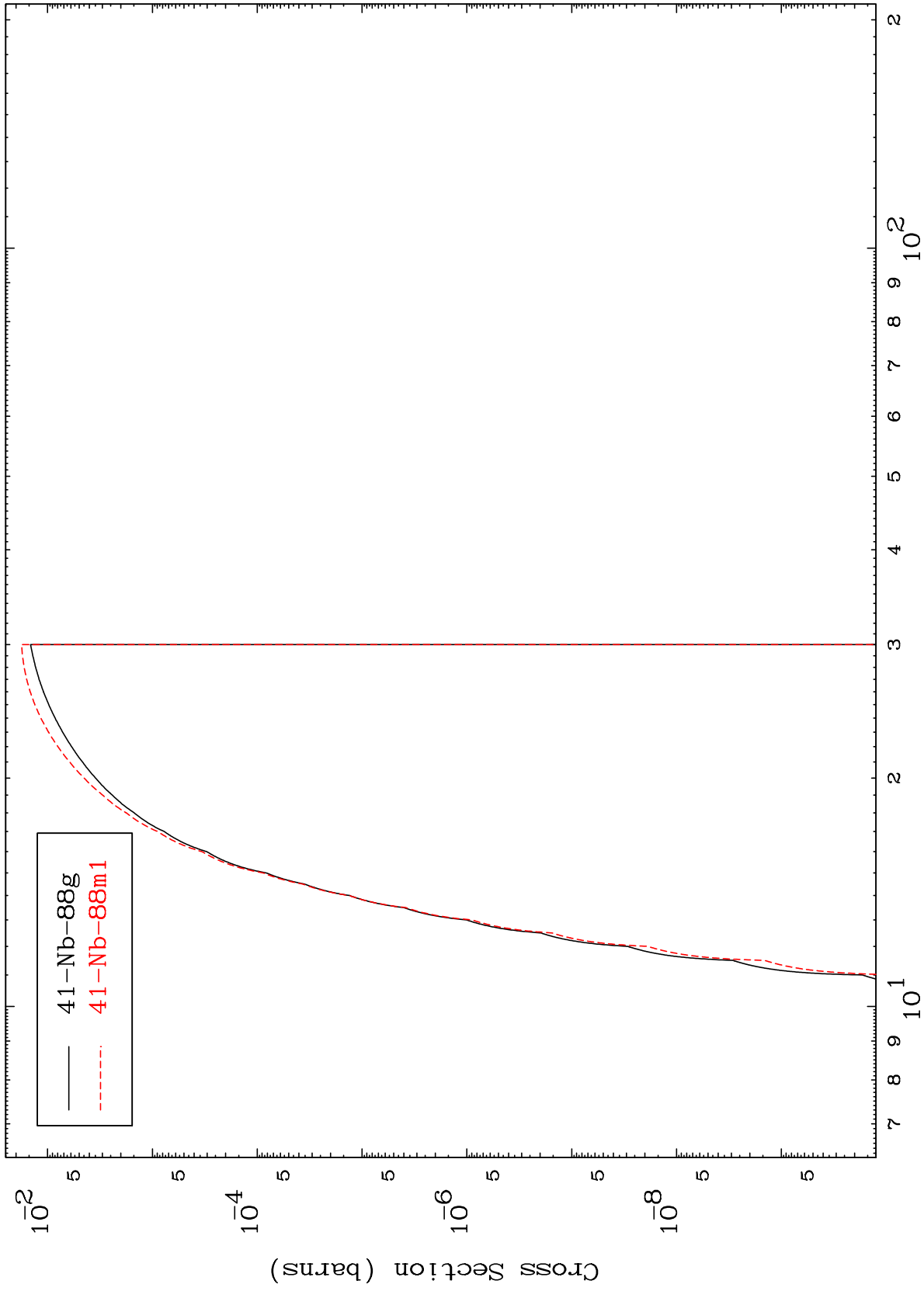
43-Tc-90

MAT 4299

(n,p) d

43-Tc-90

Radionuclide Production Cross Section



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

30

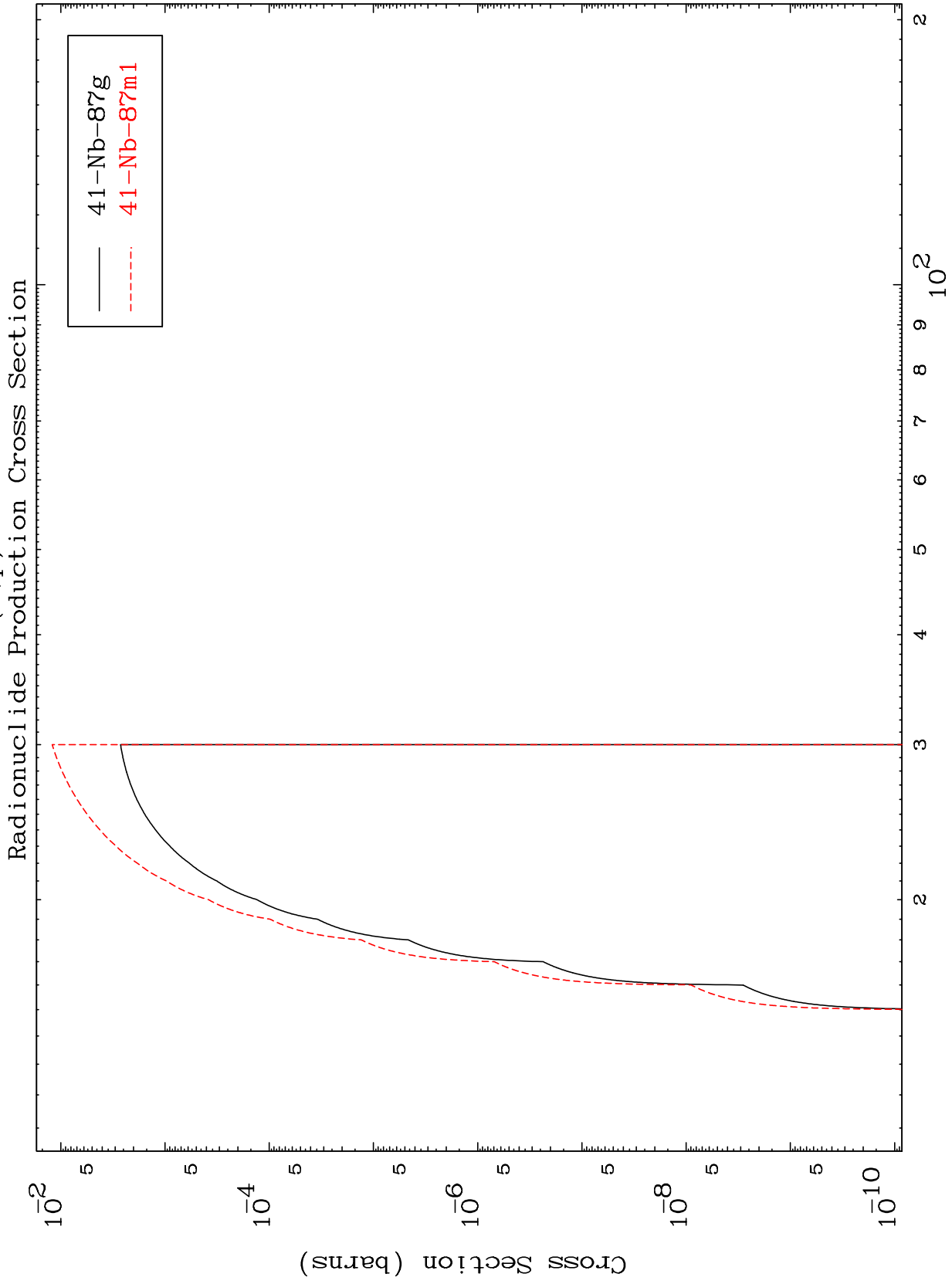
Incident Energy (MeV)

43-Tc-90

MAT 4299

(n,p) t

43-Tc-90



31

Incident Energy (MeV)

43-Tc-90

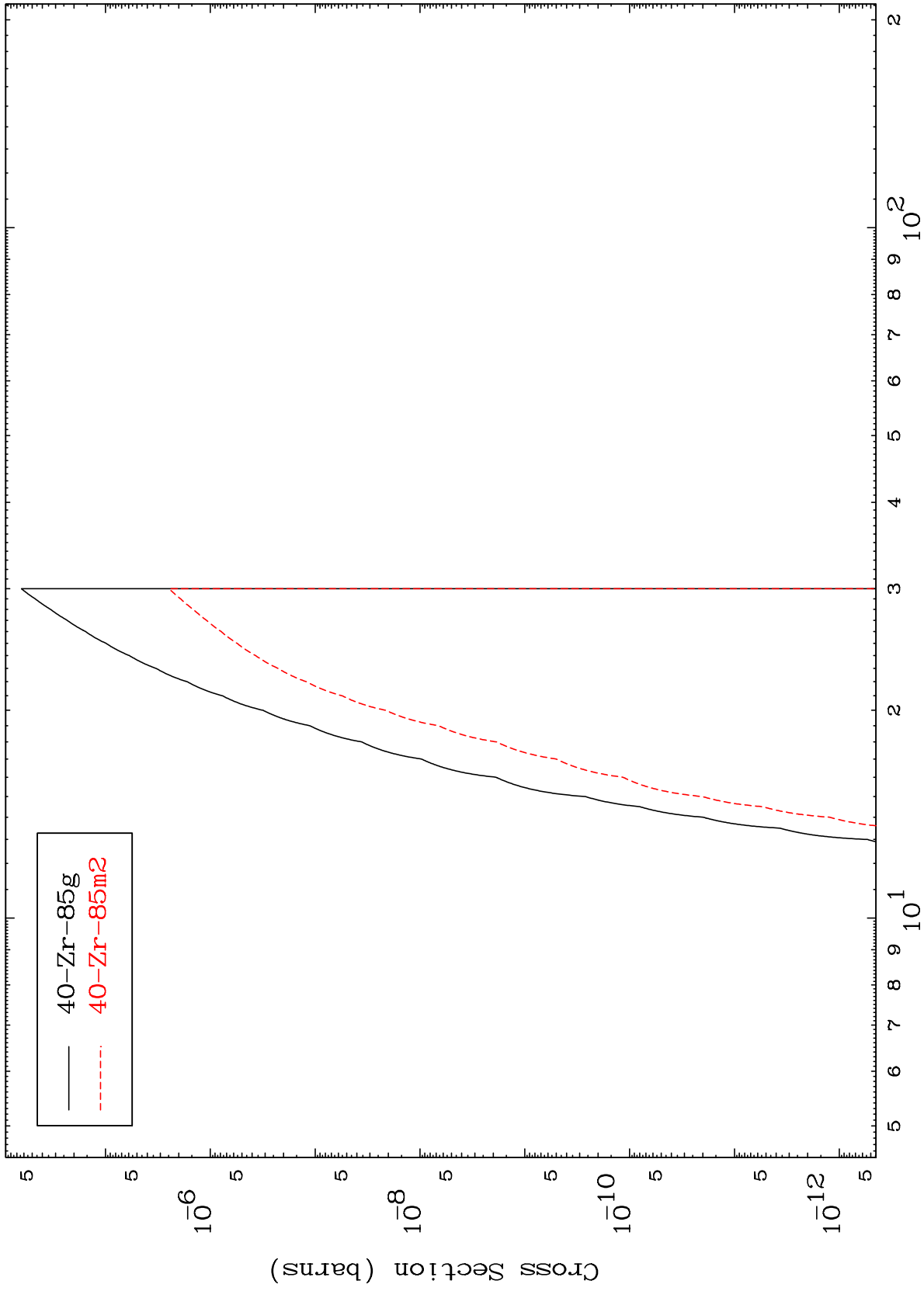


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(n,d)  $\alpha$

43-Tc-90

Radionuclide Production Cross Section



32

Incident Energy (MeV)

43-Tc-90