

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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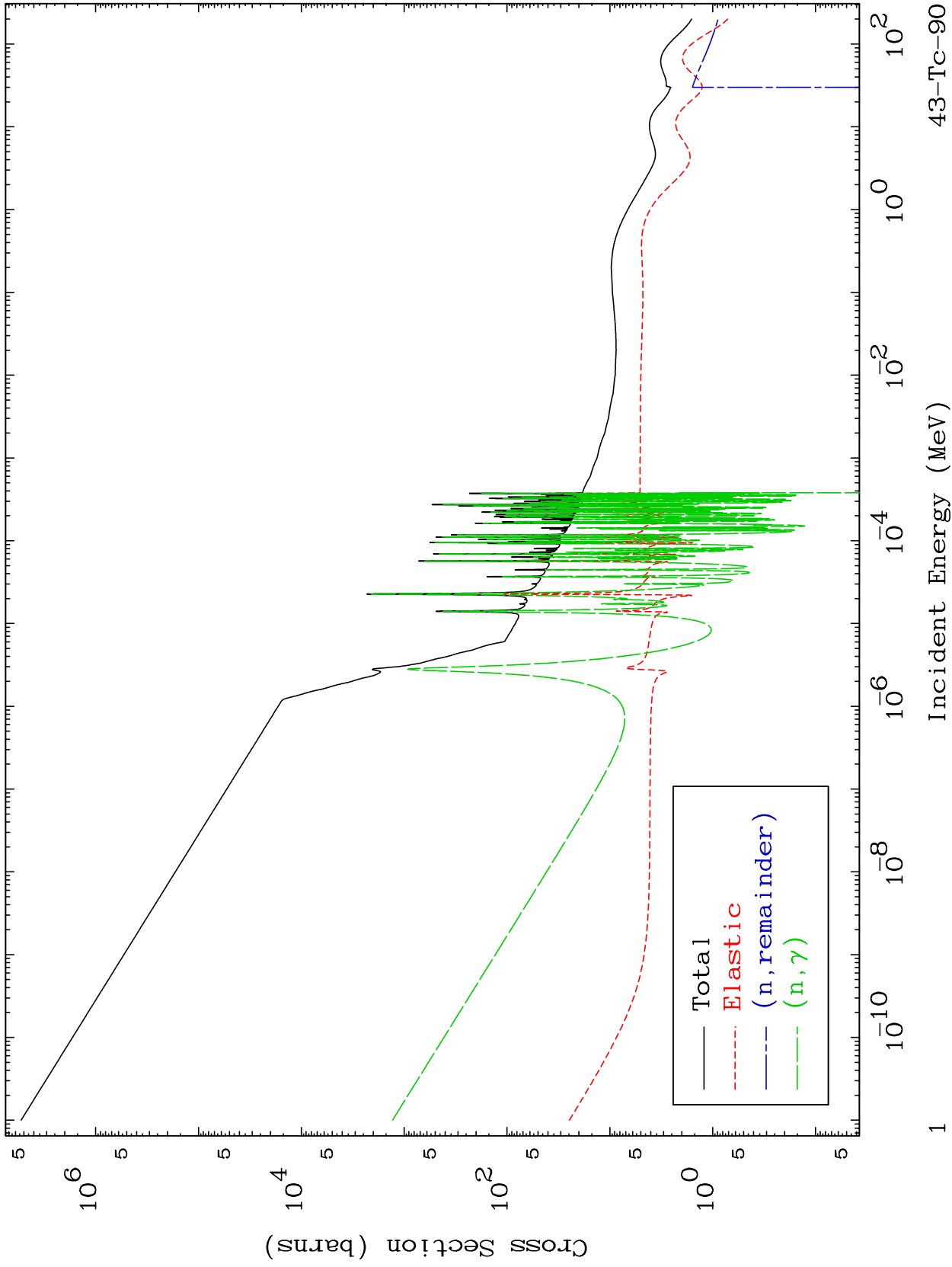
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4299

Major  
293 Kelvin Cross Sections

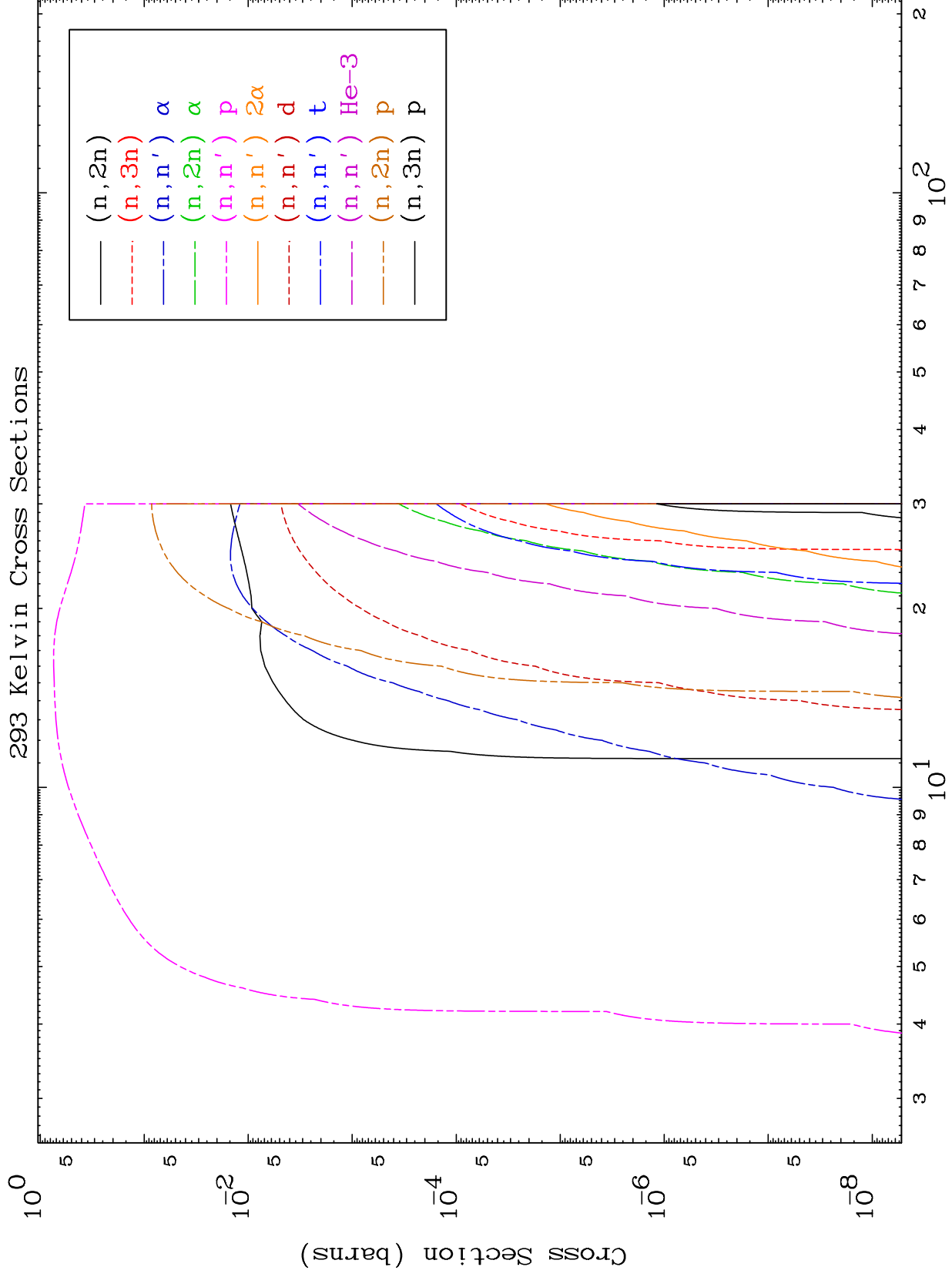
43-Tc-90



MAT 4299

Neutron Production  
293 Kelvin Cross Sections

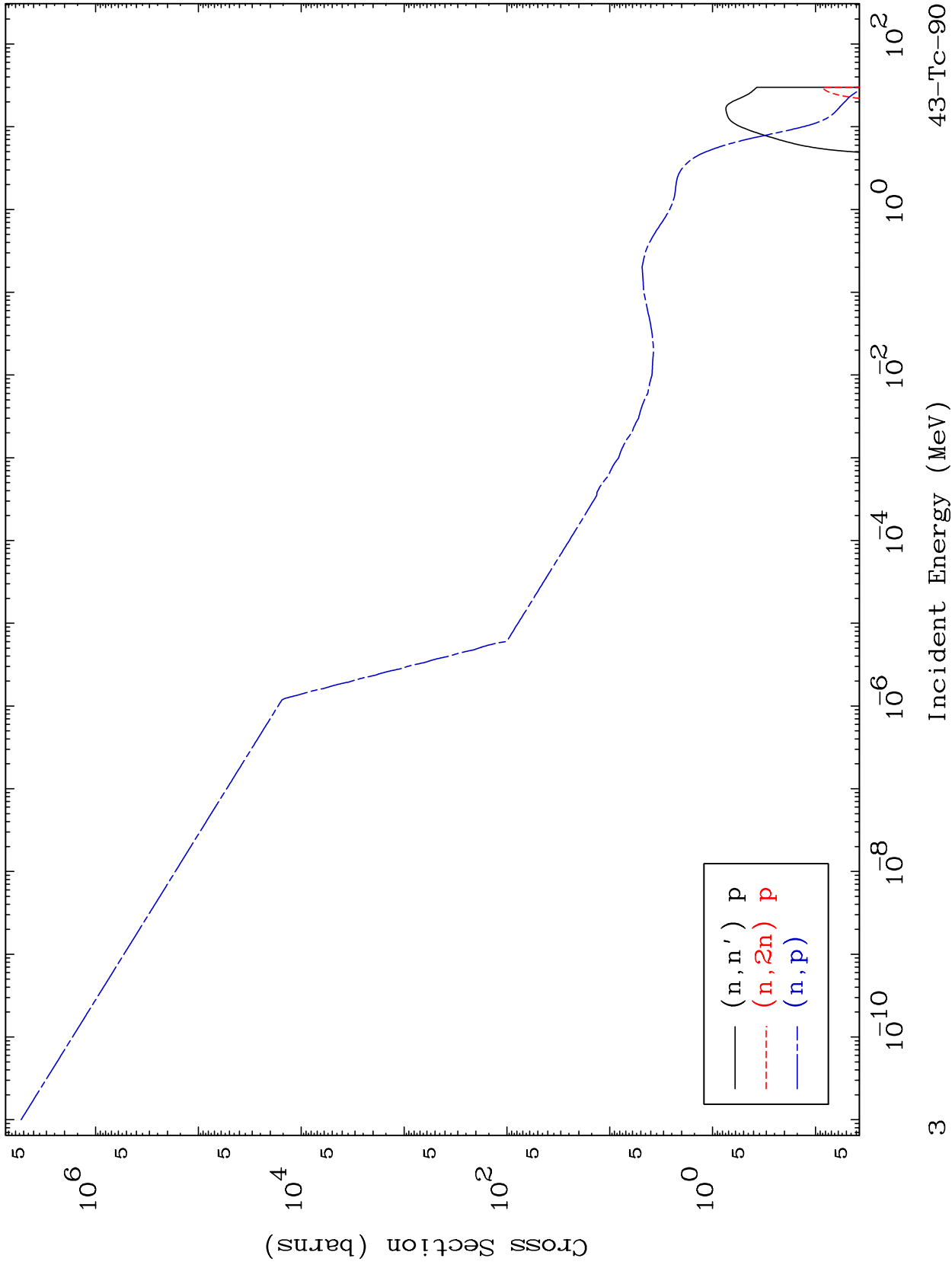
43-Tc-90



MAT 4299

Charged Particle  
293 Kelvin Cross Sections

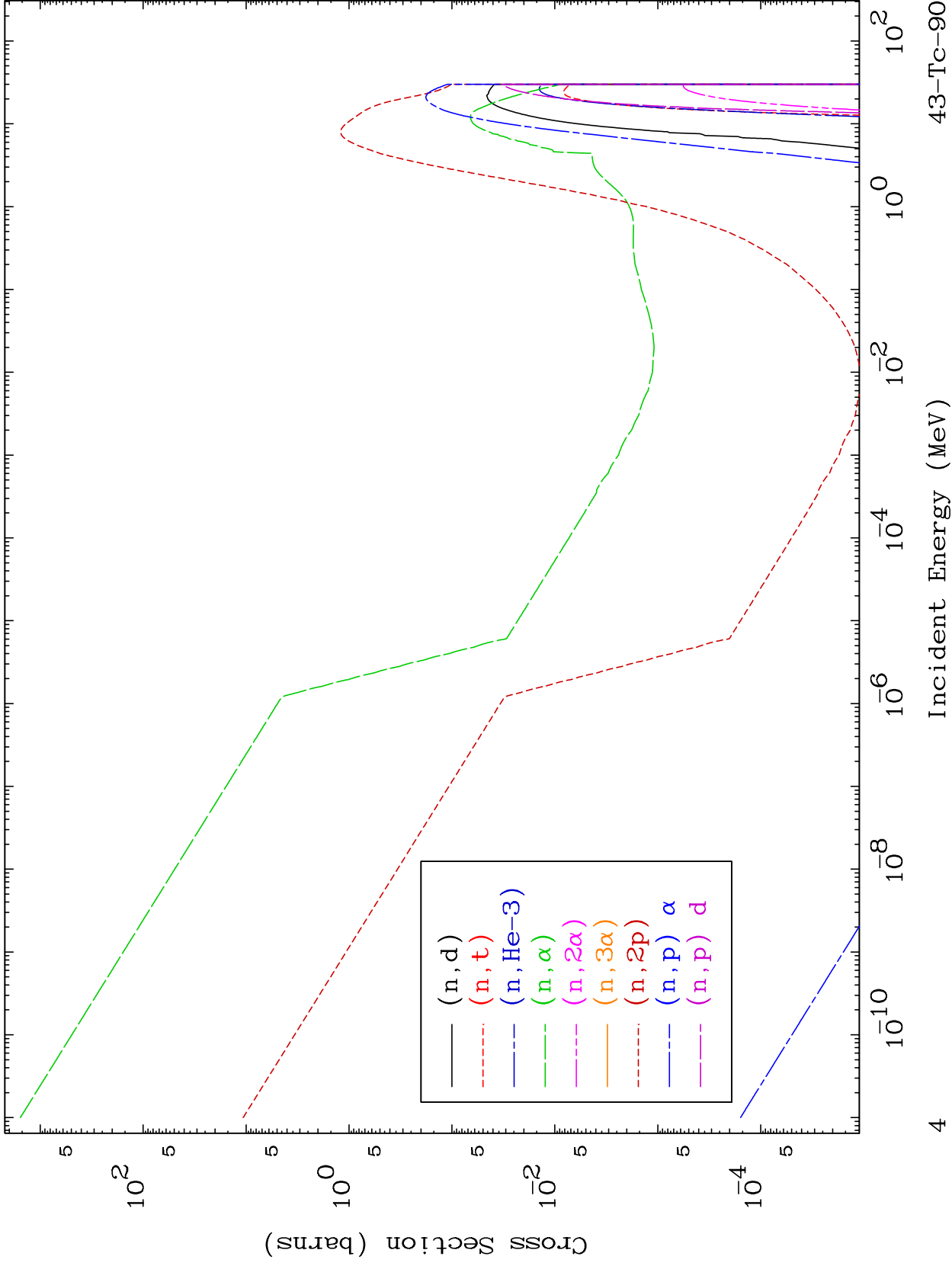
43-Tc-90

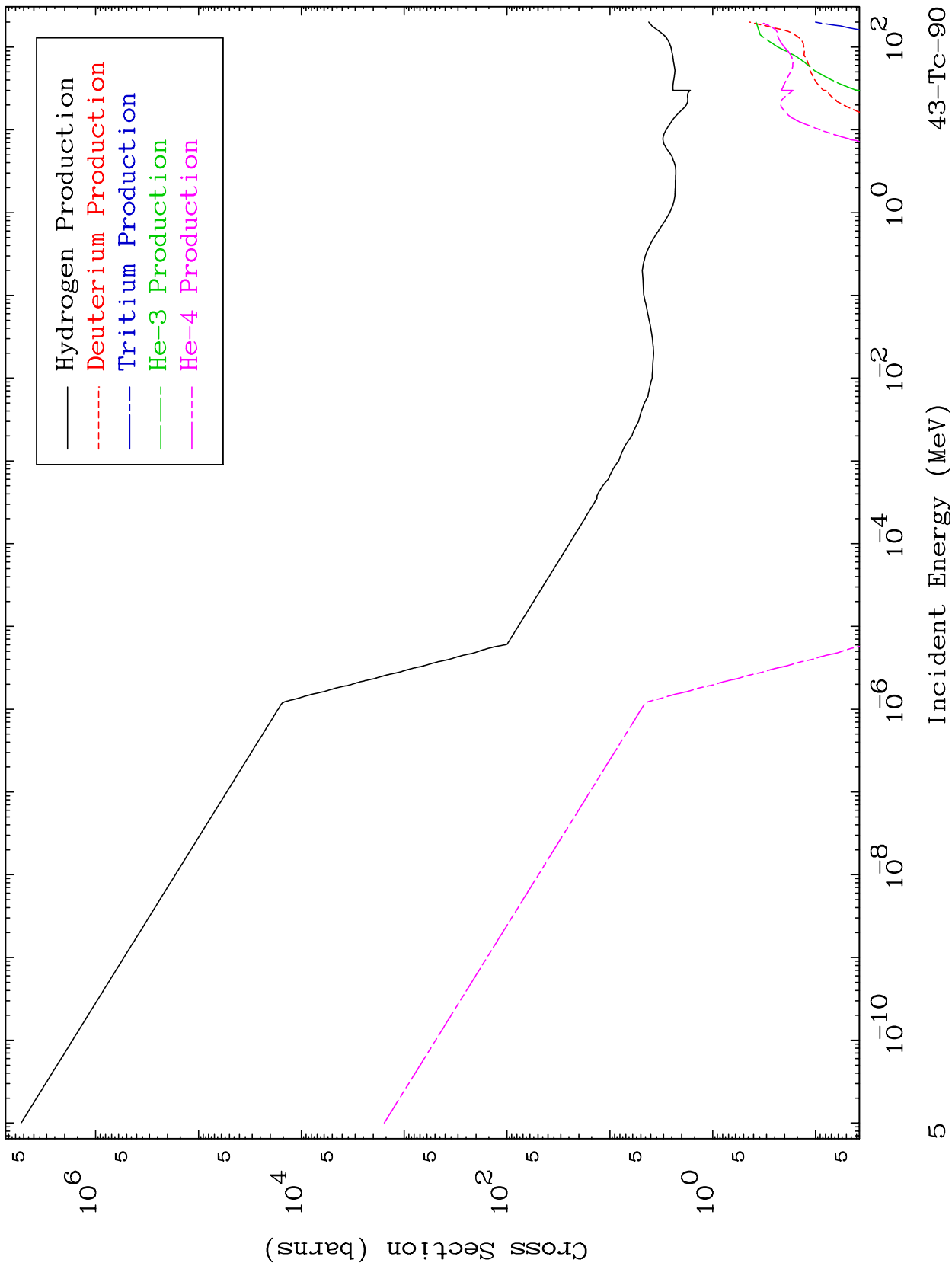


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Charged Particle  
293 Kelvin Cross Sections

43-Tc-90

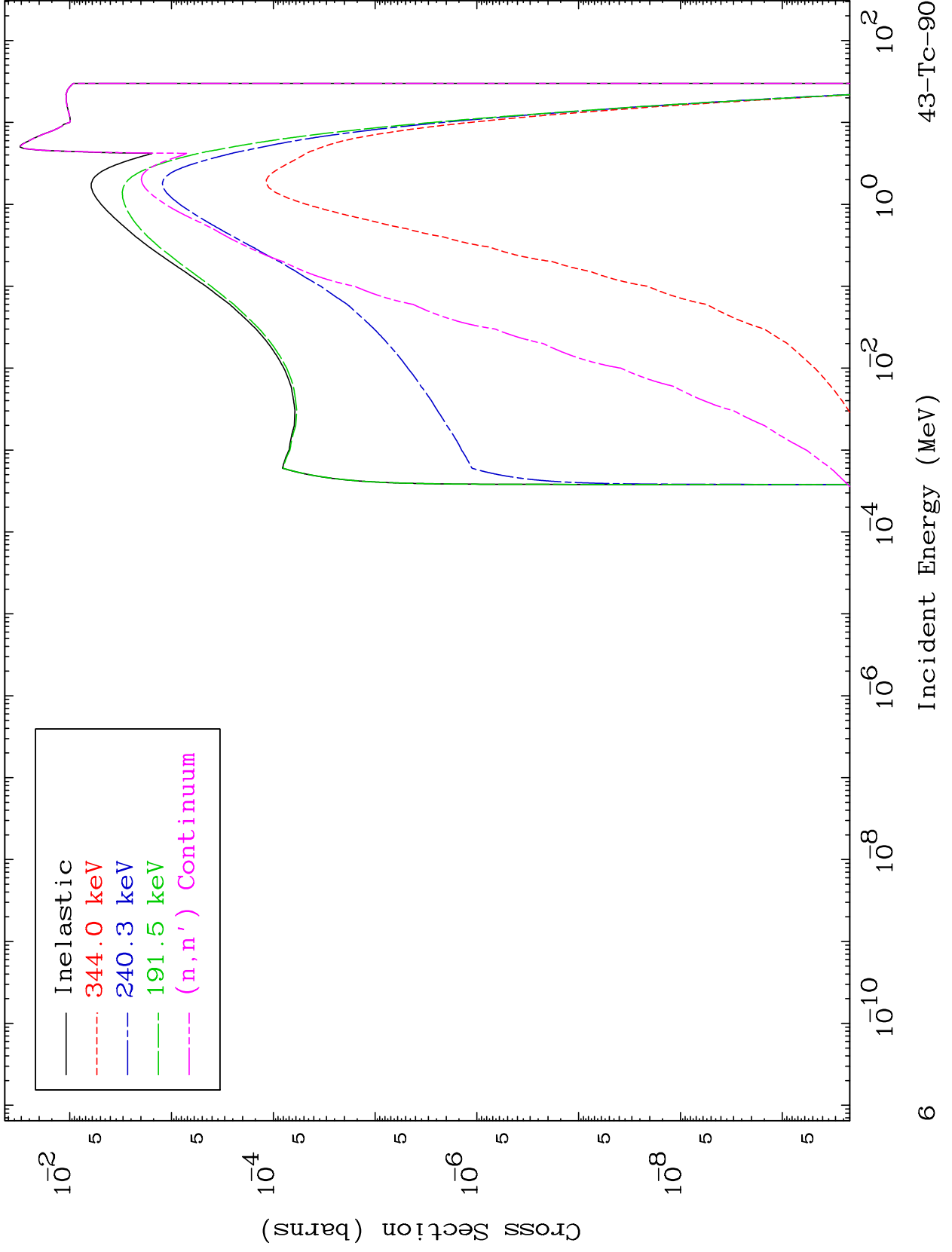




MAT 4299

(n,n') Level  
293 Kelvin Cross Sections

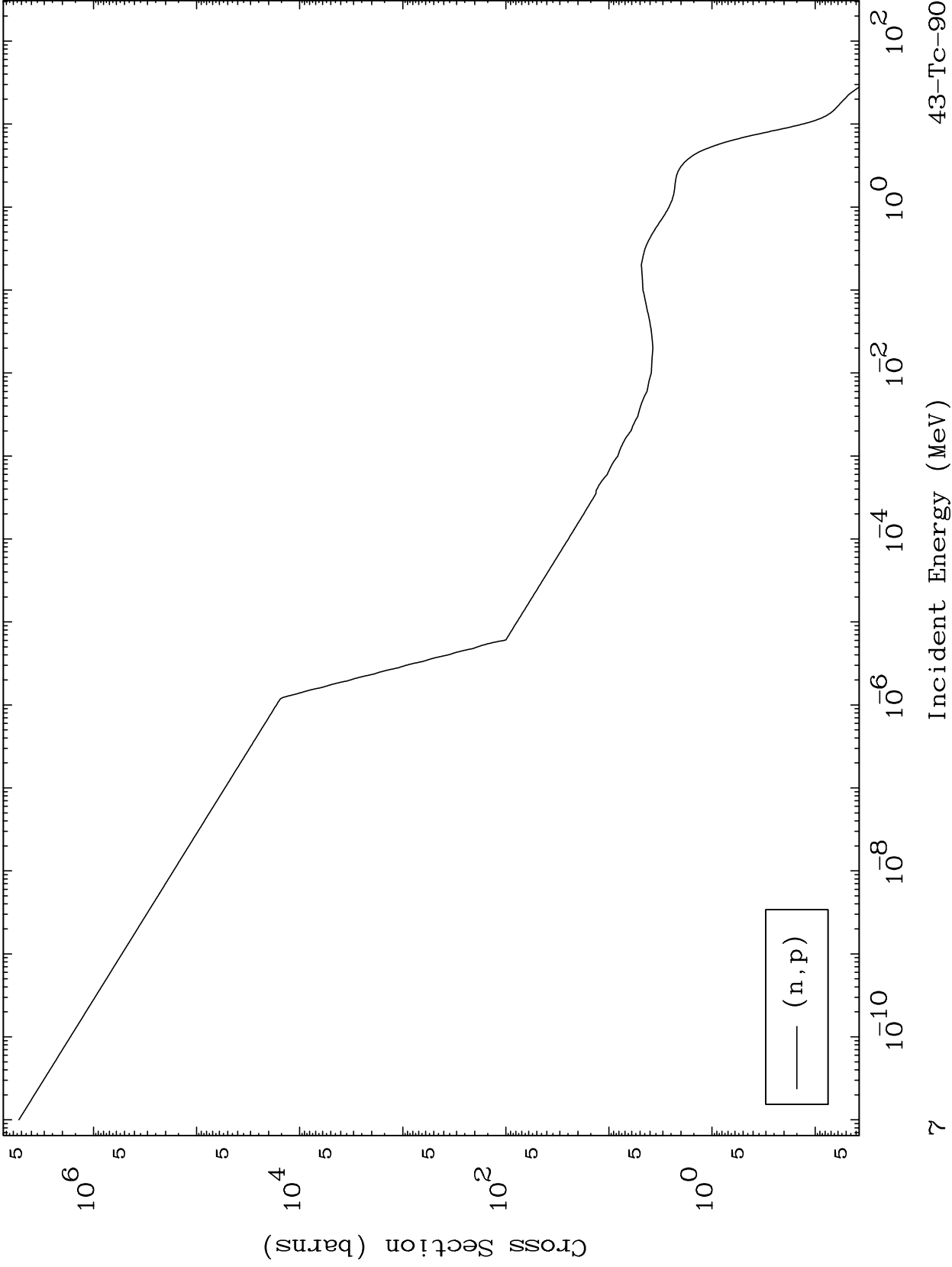
43-Tc-90



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(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-90

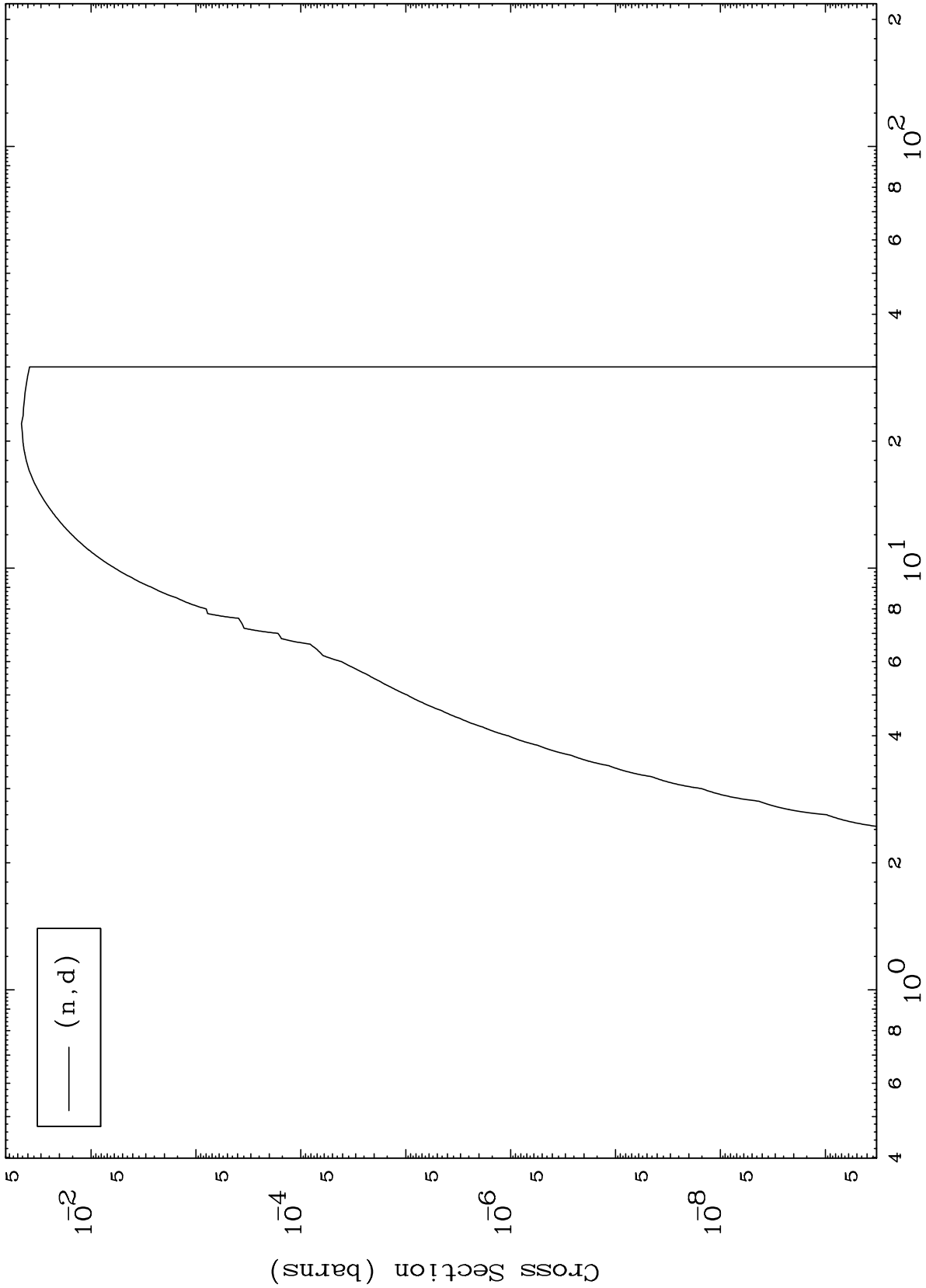




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(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-90



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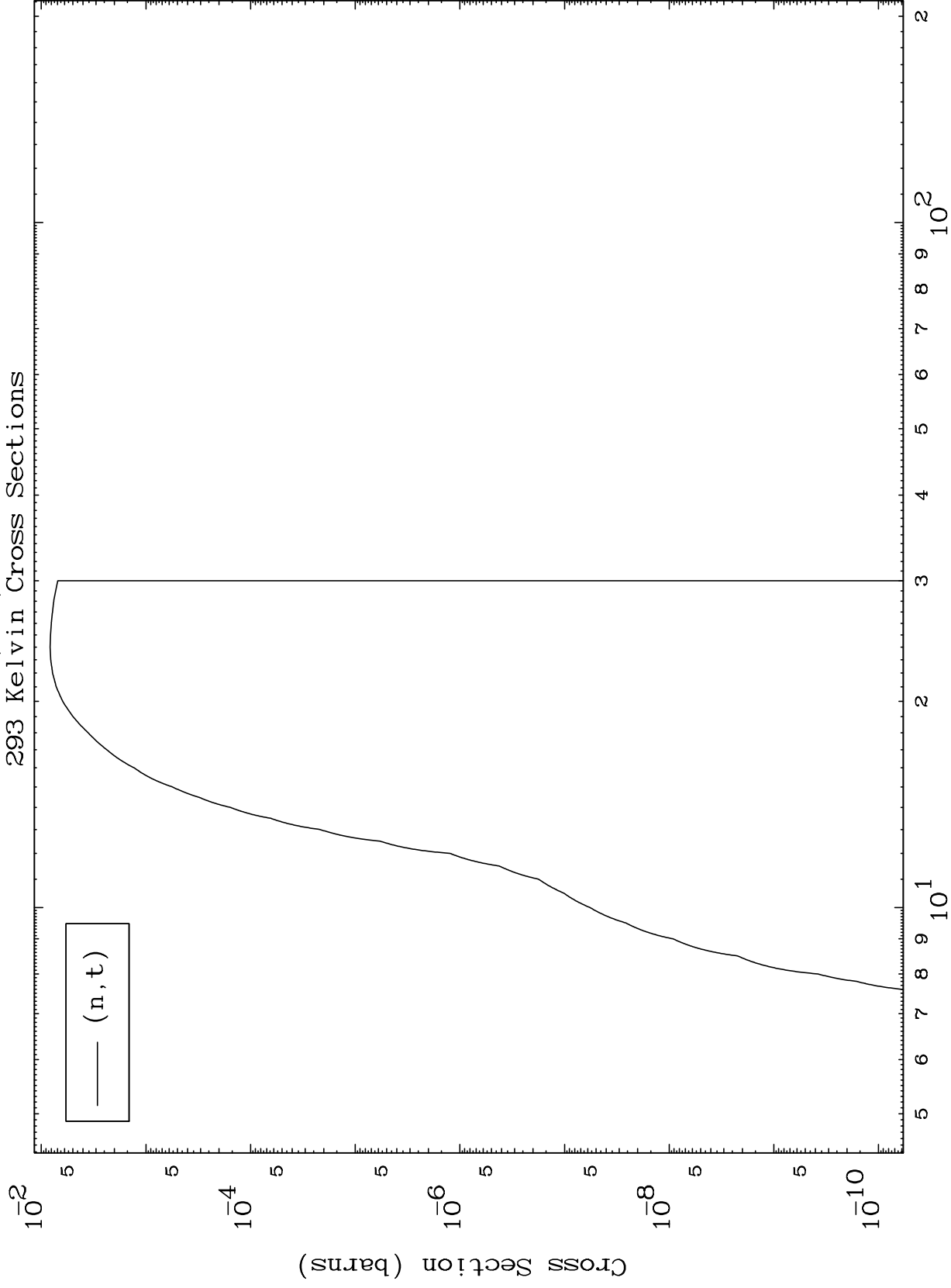
Incident Energy (MeV)

43-Tc-90

MAT 4299

(n,t) Levels  
293 Kelvin Cross Sections

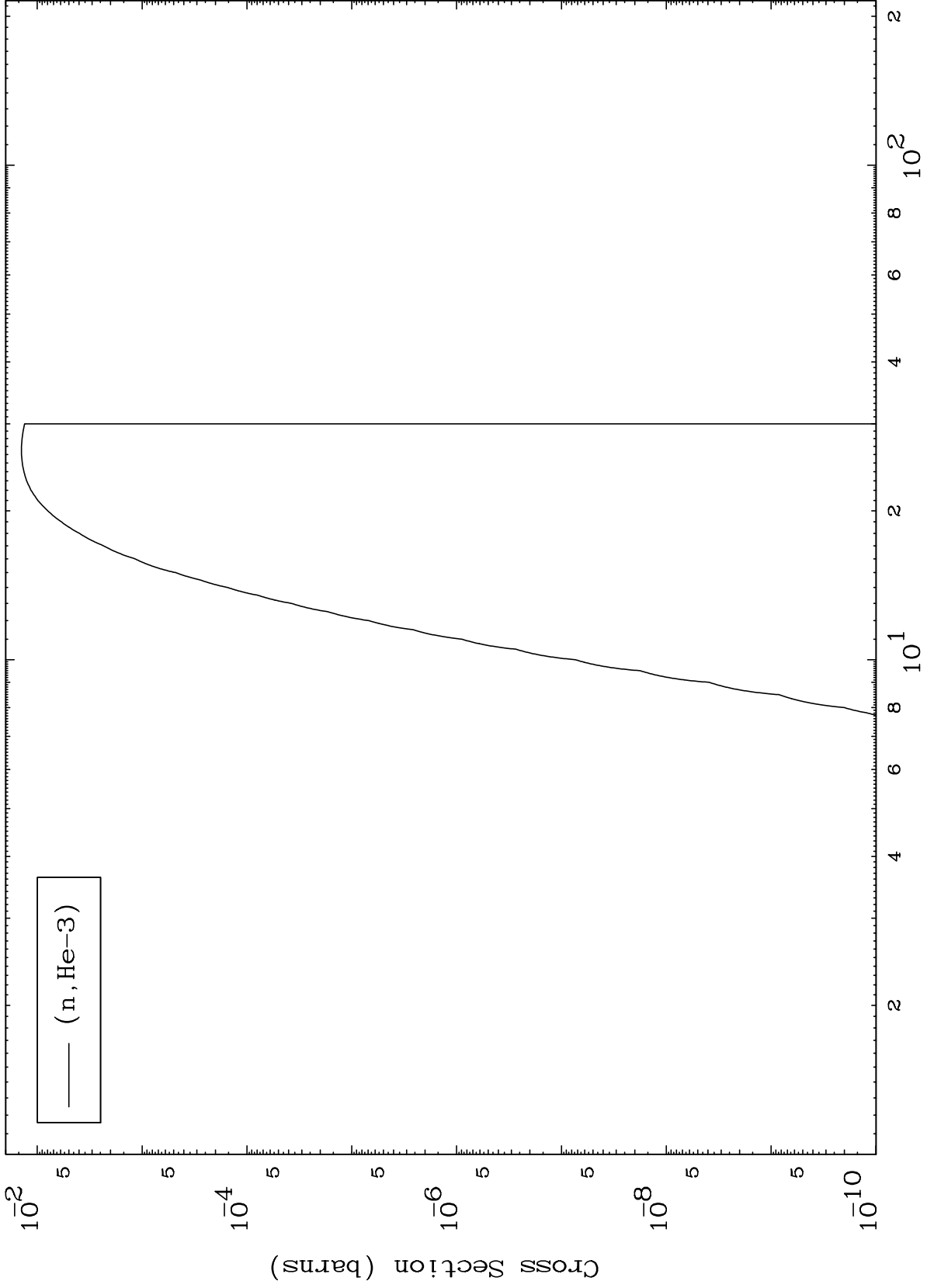
43-Tc-90



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(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-90



10

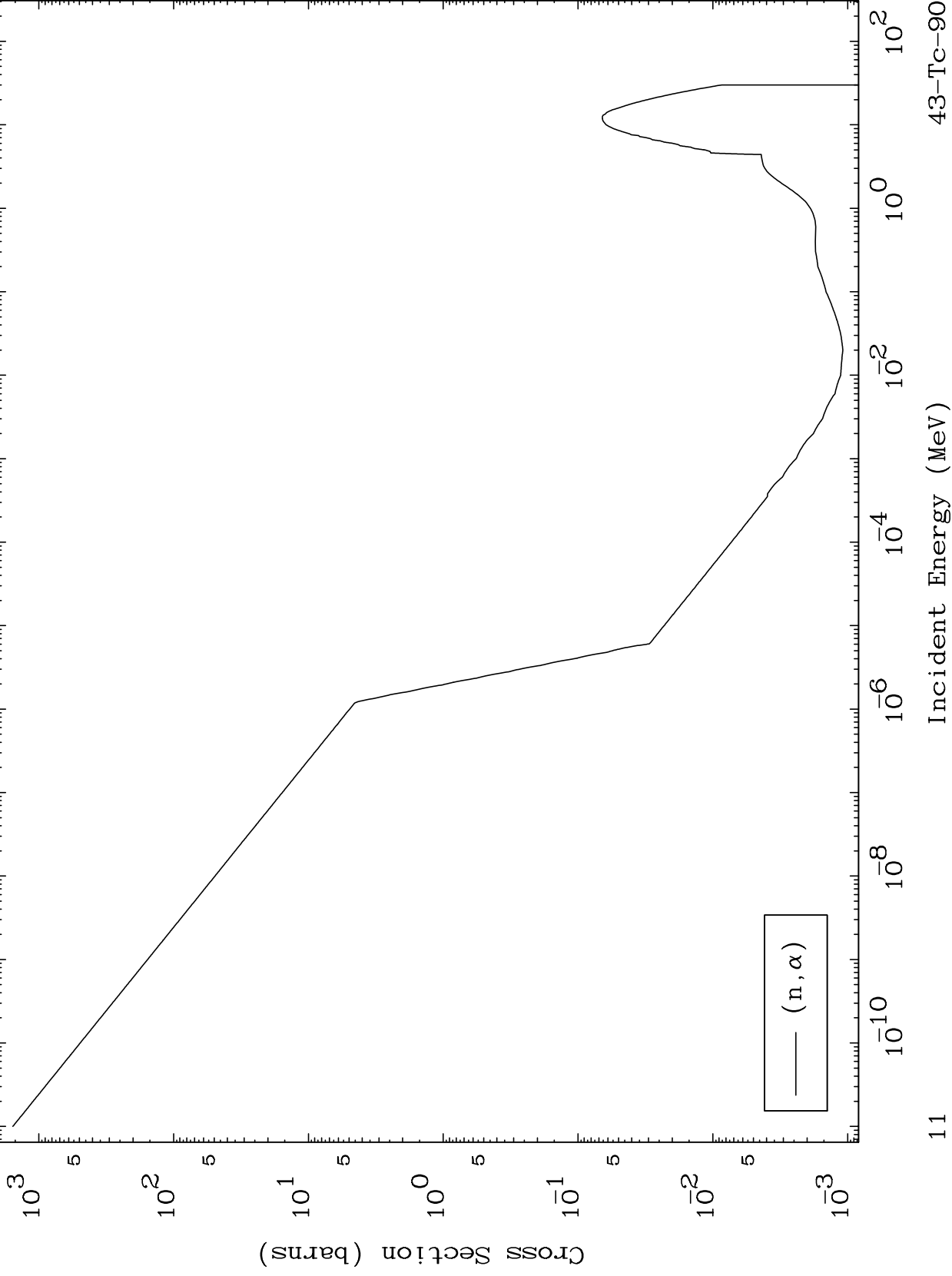
Incident Energy (MeV)

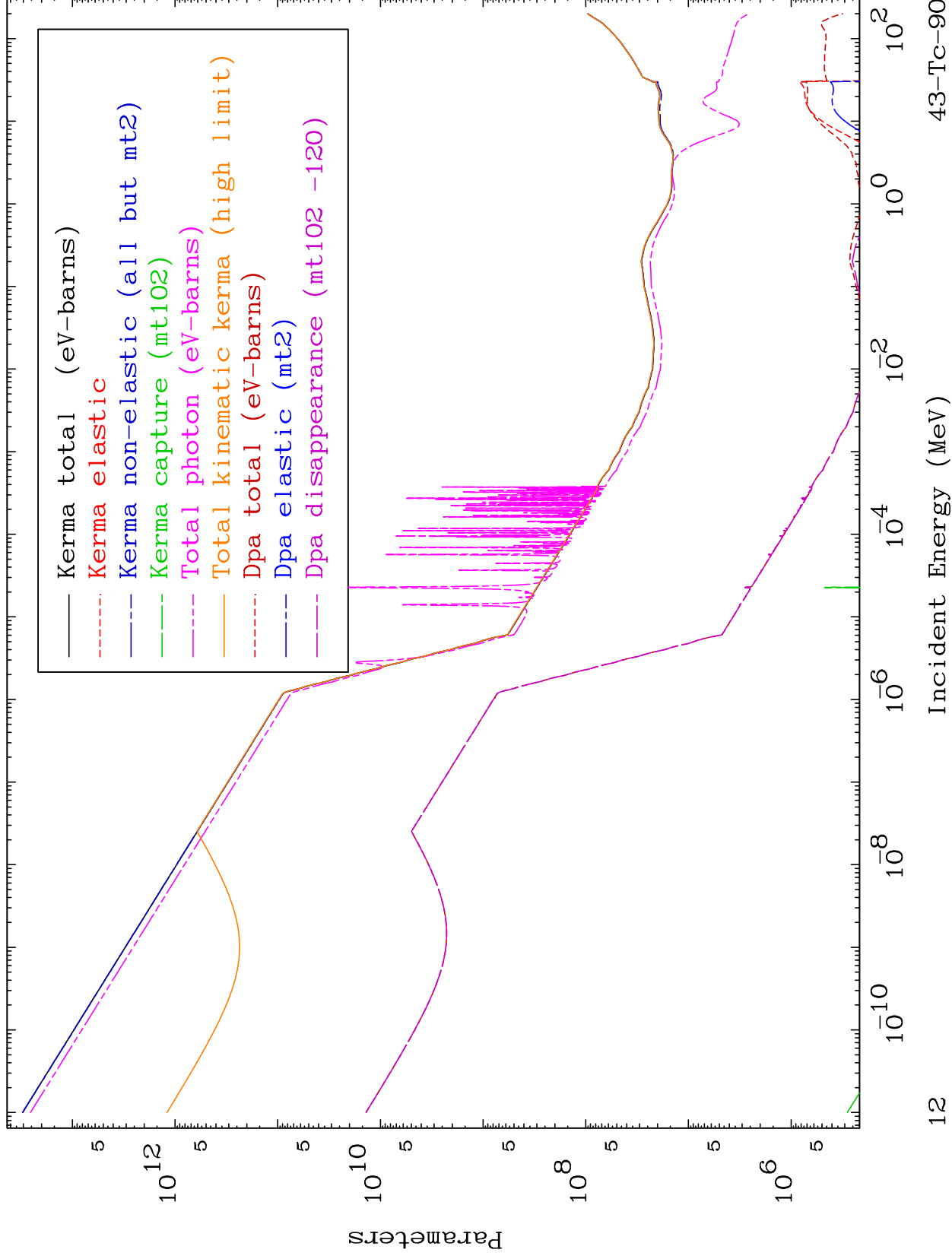
43-Tc-90

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(n,α) Levels  
293 Kelvin Cross Sections

43-Tc-90

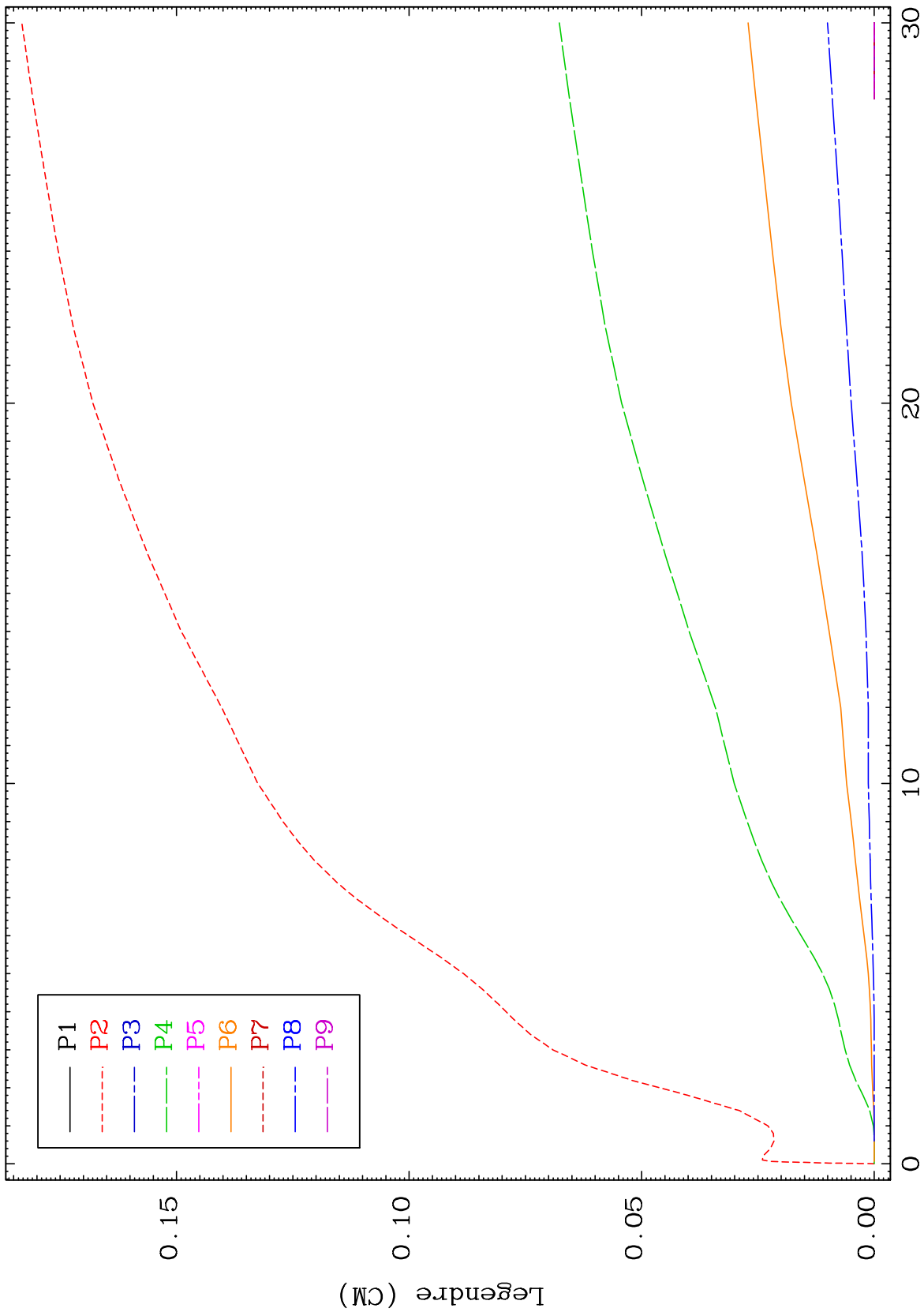




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Elastic Legendre Coefficients

43-Tc-90



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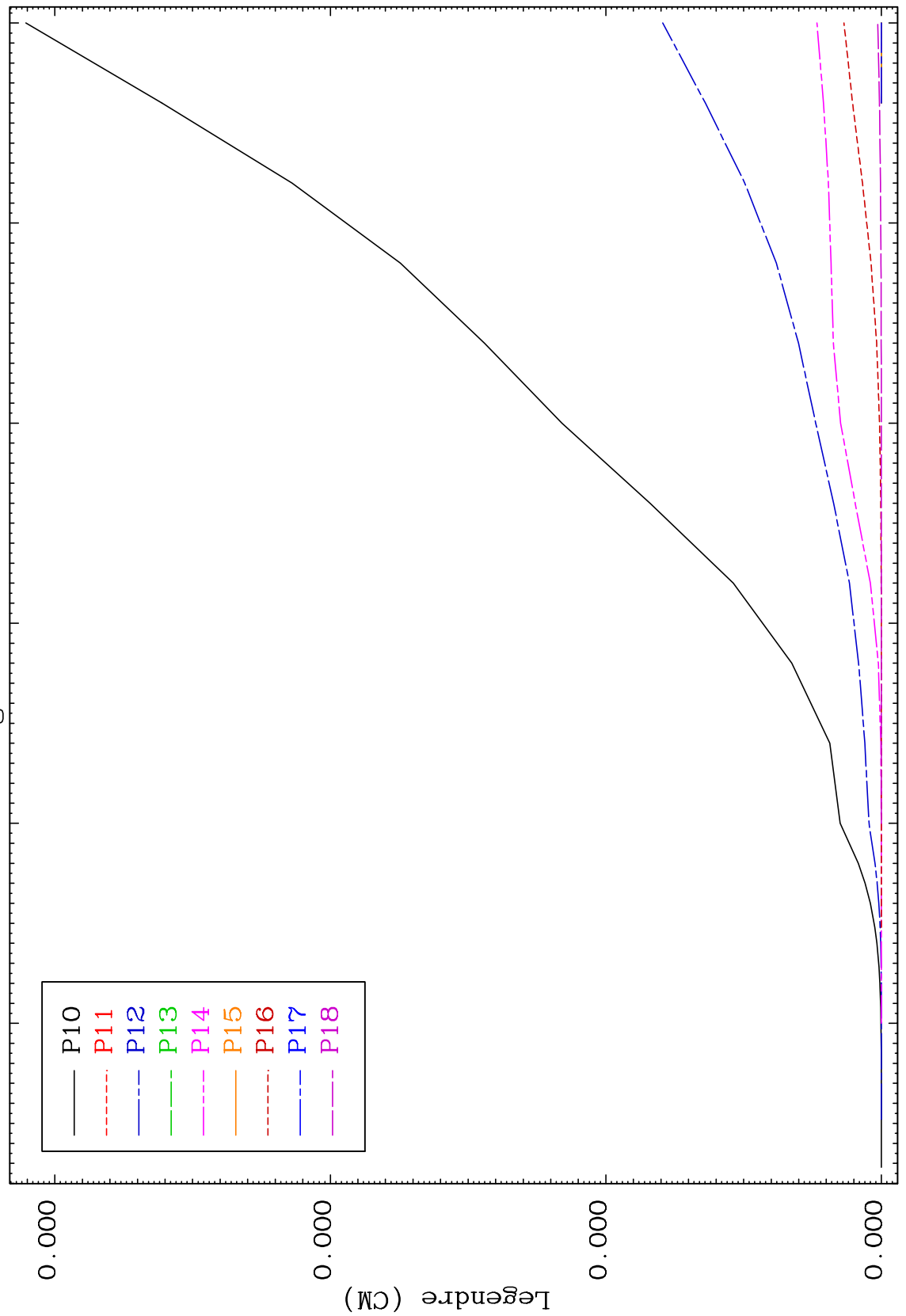
Incident Energy (MeV)

43-Tc-90

MAT 4299

Elastic Legendre Coefficients

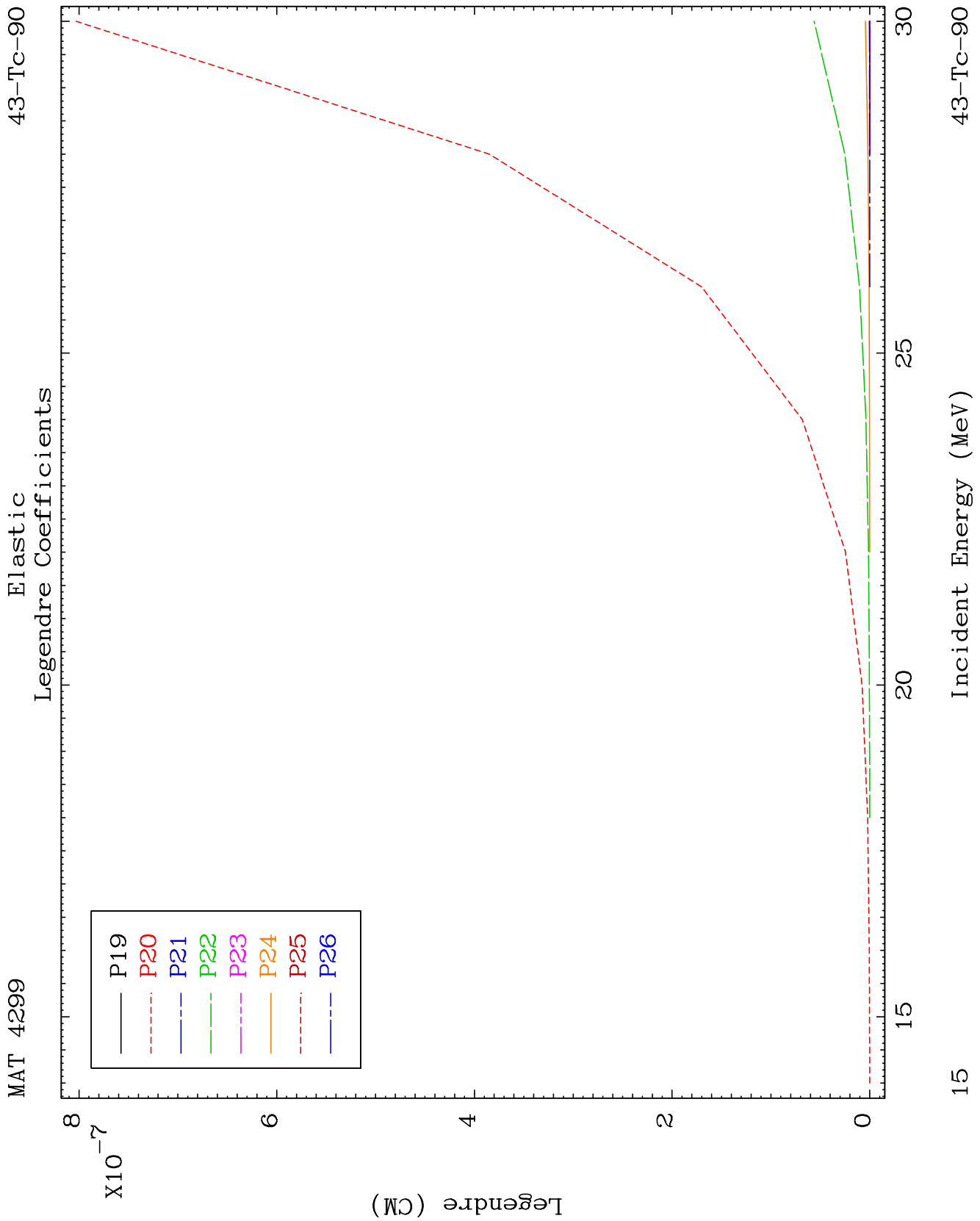
43-Tc-90



14

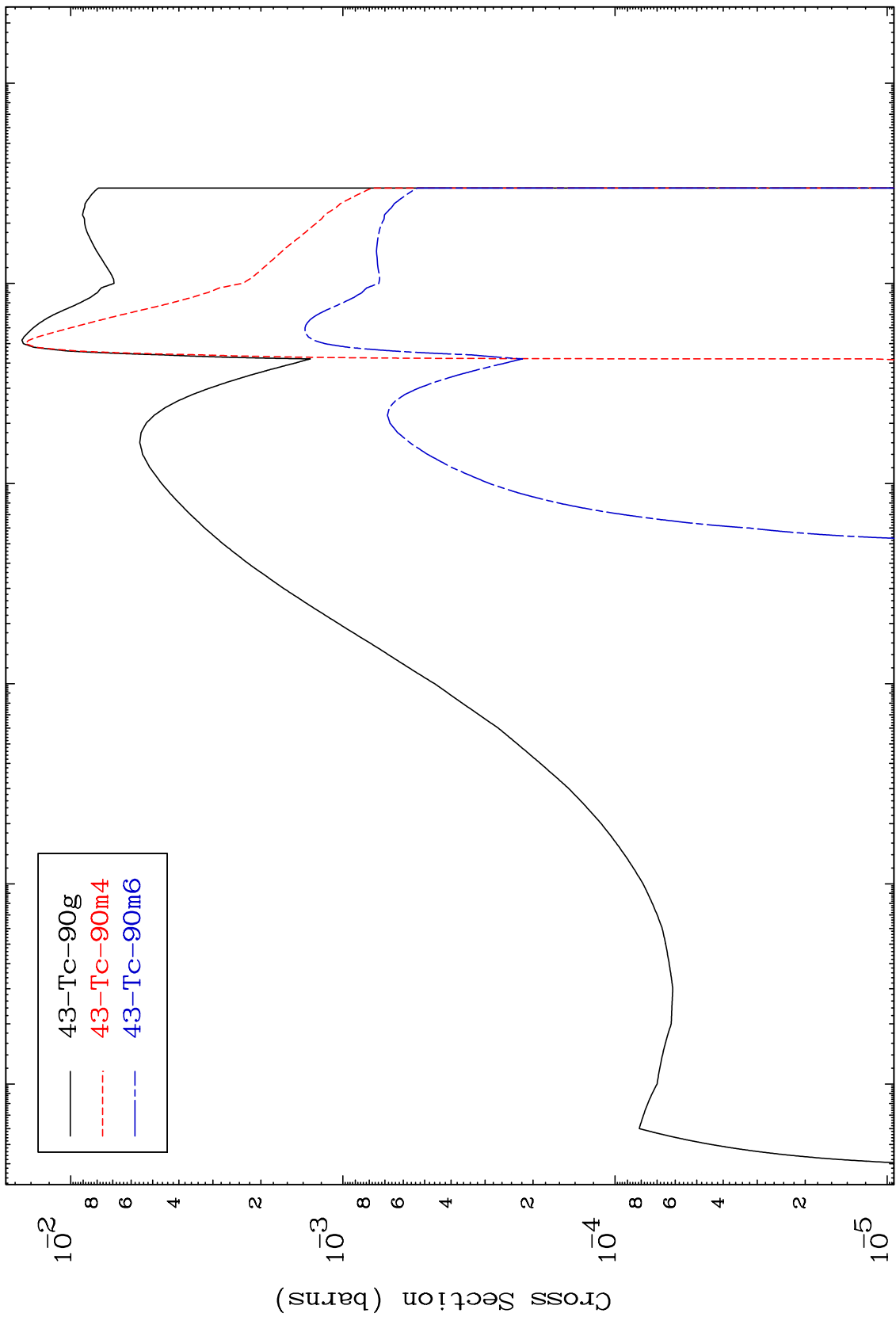
43-Tc-90

Incident Energy (MeV)





Inelastic  
Radionuclide Production Cross Section

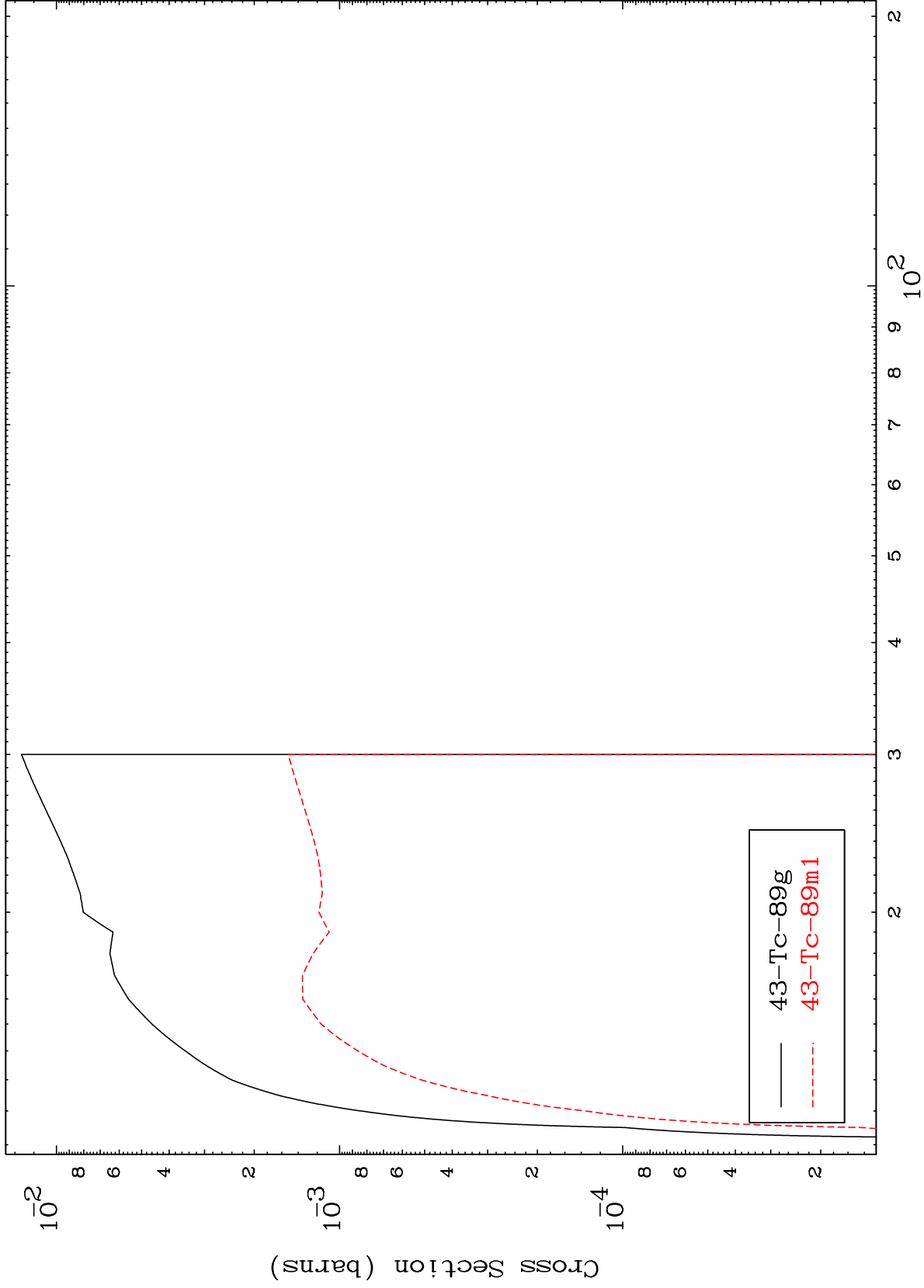


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(n,2n)

43-Tc-90

Radionuclide Production Cross Section



17

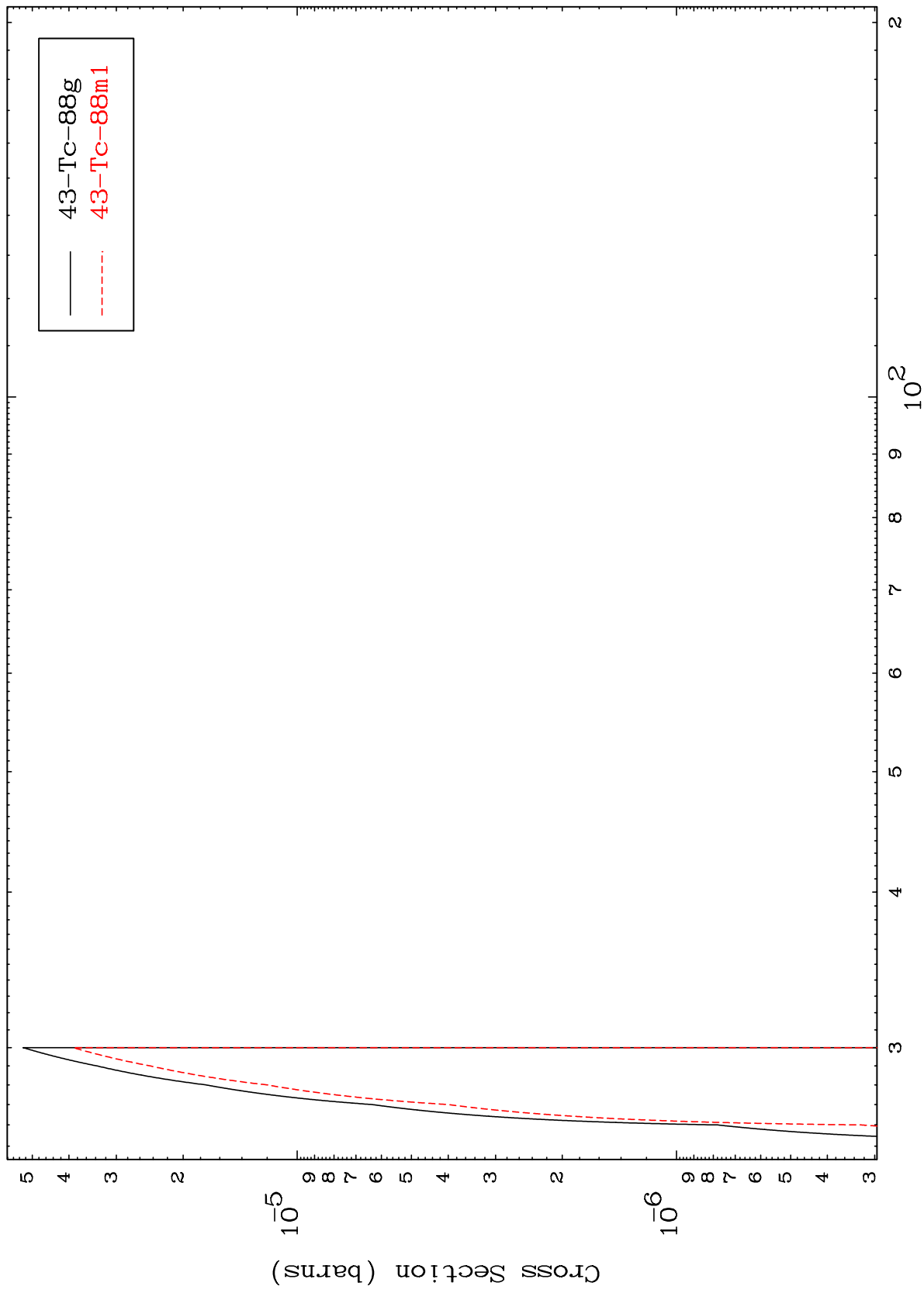
Incident Energy (MeV)

43-Tc-90

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43-Tc-90

(n,3n)  
Radionuclide Production Cross Section



18

43-Tc-90

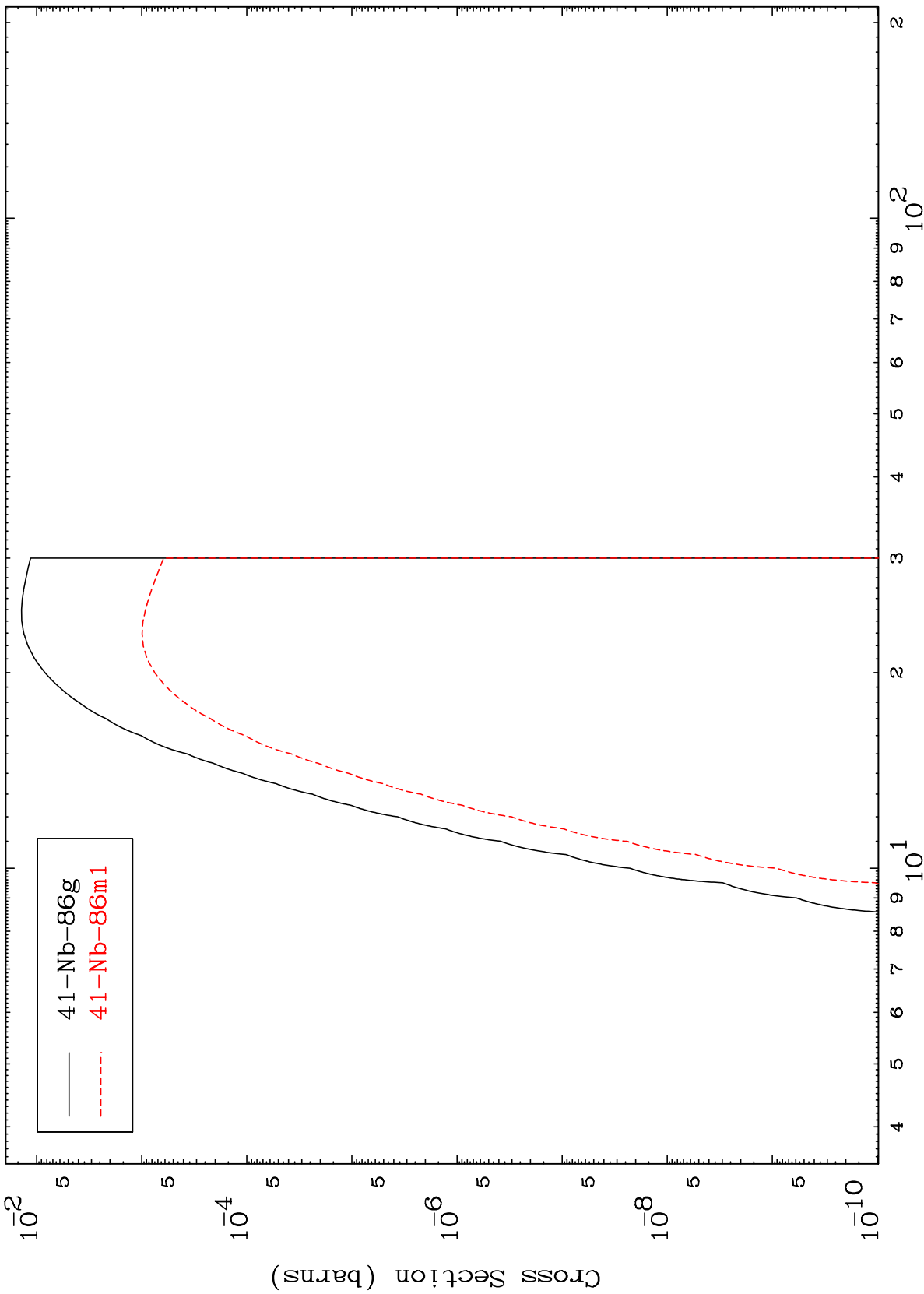
Incident Energy (MeV)

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(n,n')  $\alpha$

43-Tc-90

Radionuclide Production Cross Section



19

Incident Energy (MeV)

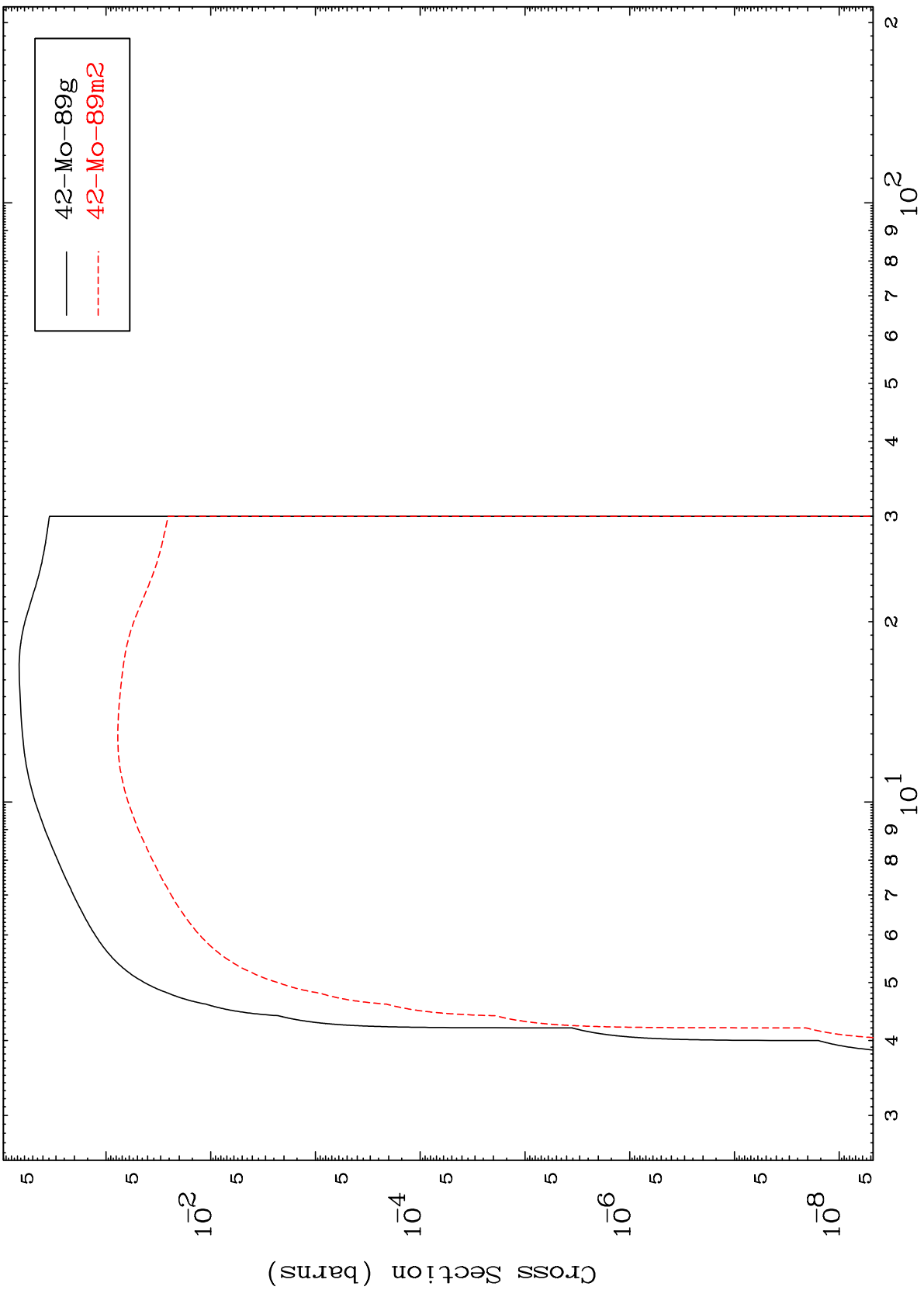
43-Tc-90

MAT 4299

(n,n') p

43-Tc-90

Radionuclide Production Cross Section

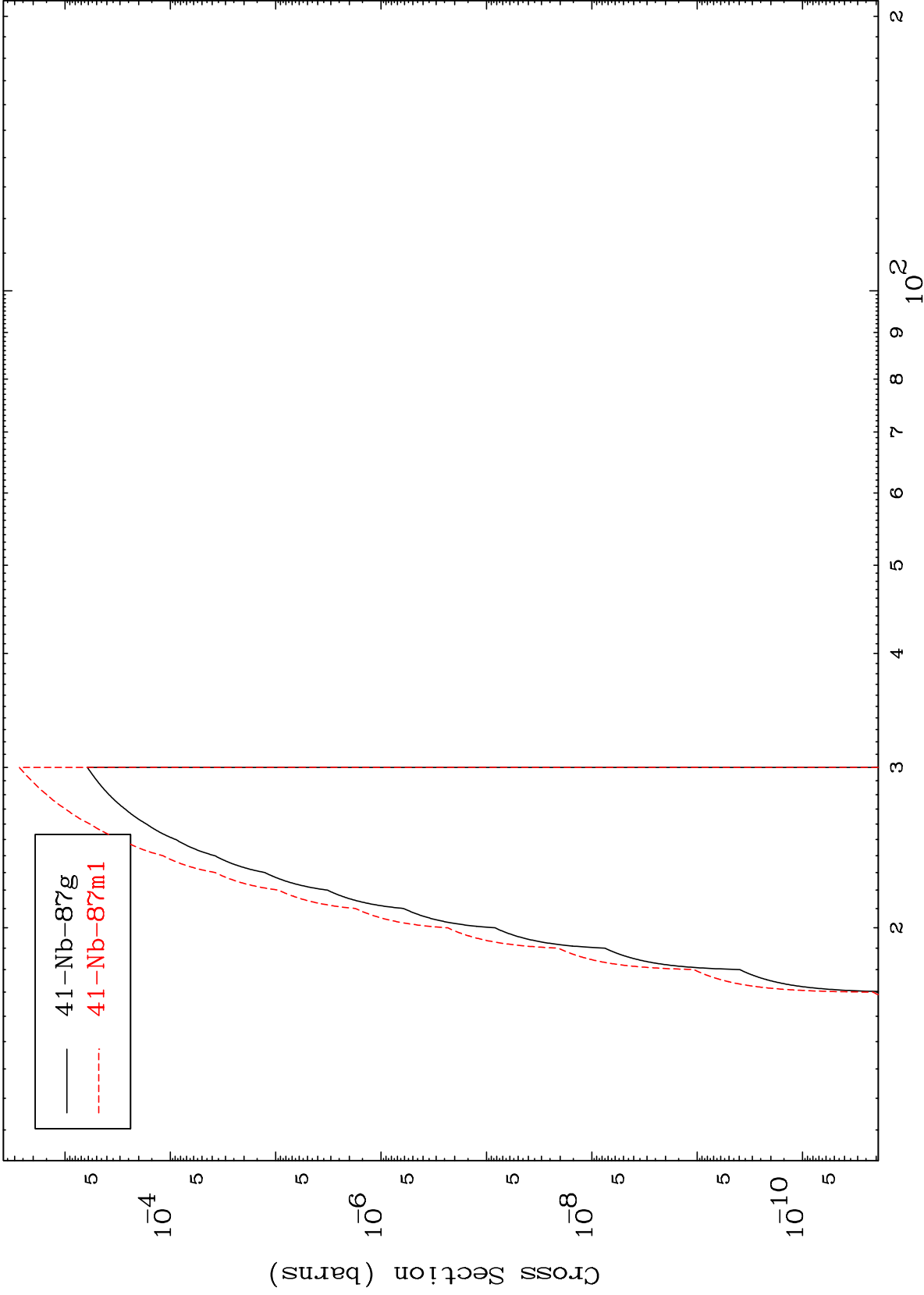


20

Incident Energy (MeV)

43-Tc-90

Radionuclide Production Cross Section

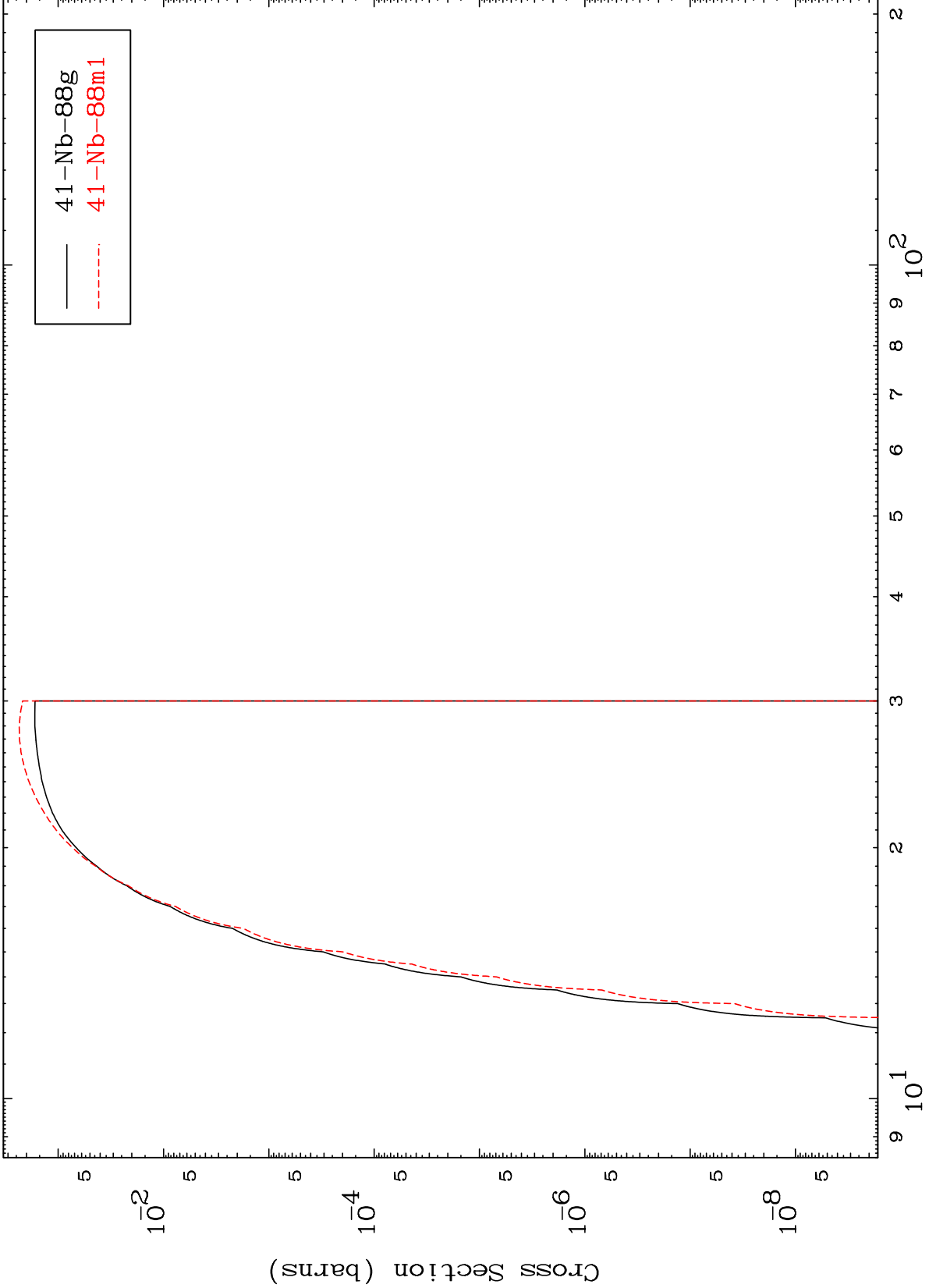


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(n,2n) p

43-Tc-90

Radionuclide Production Cross Section



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

22

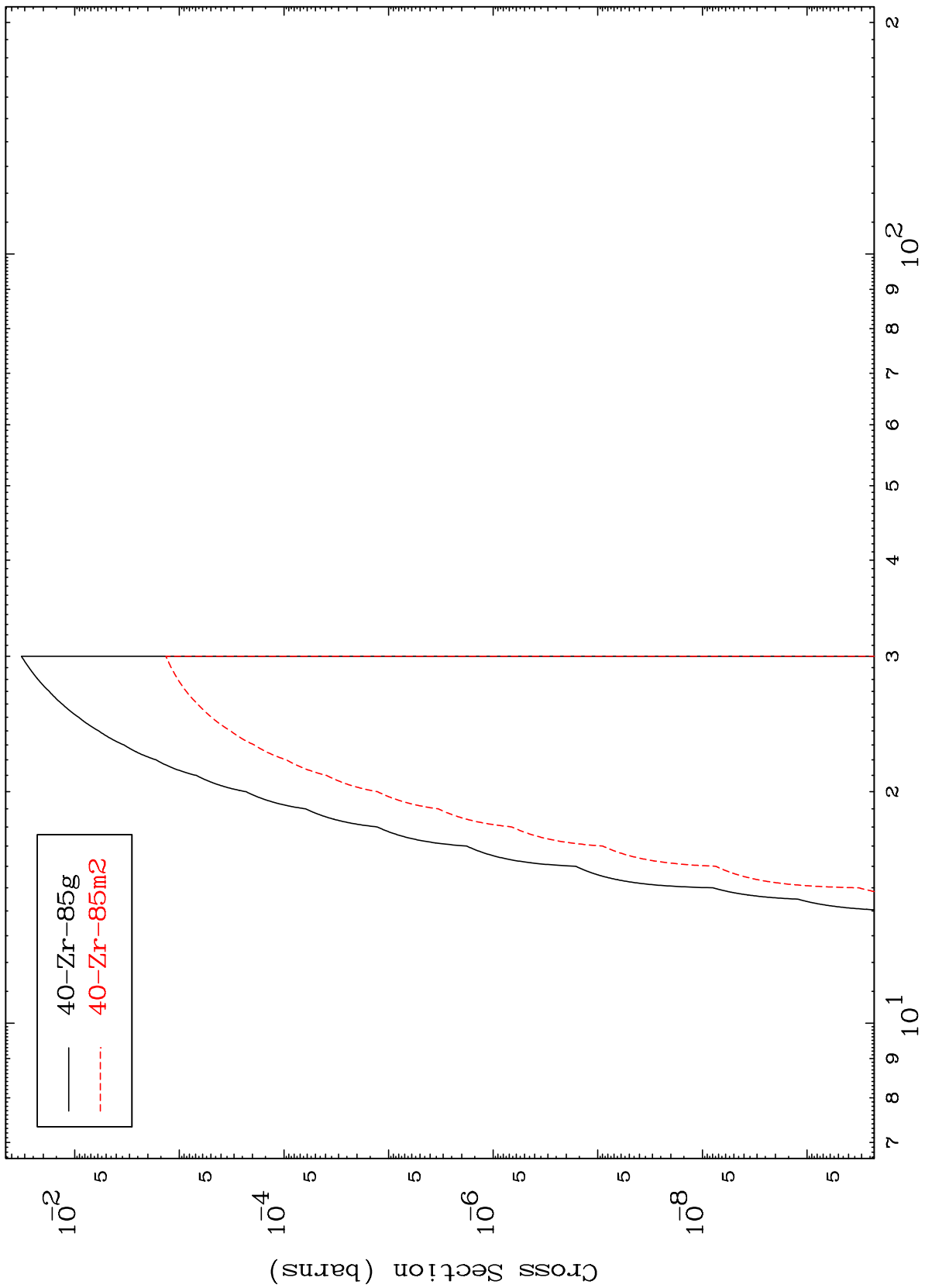
Incident Energy (MeV)

43-Tc-90

MAT 4299

43-Tc-90

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



23

Incident Energy (MeV)

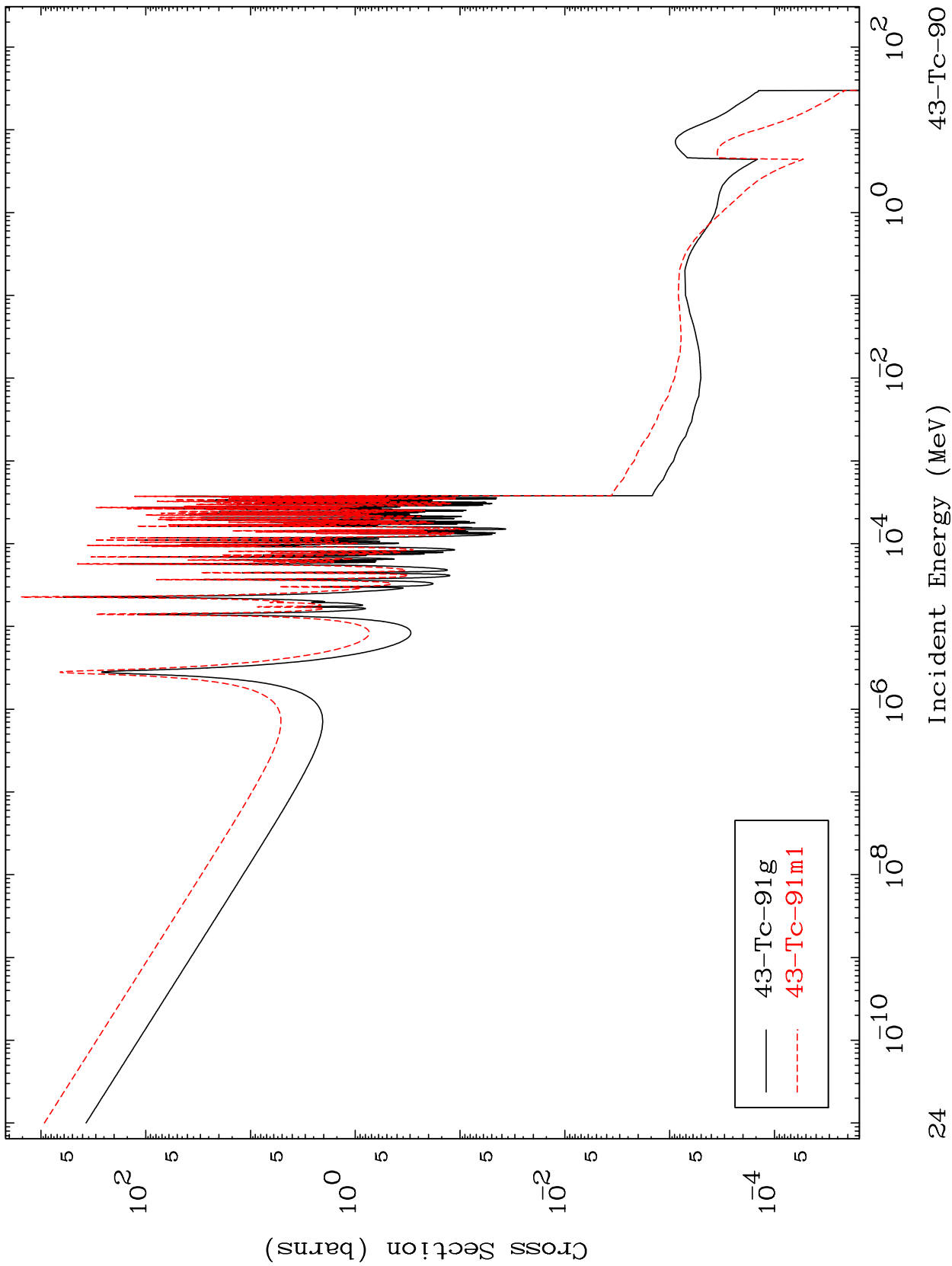
43-Tc-90



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43-Tc-90

(n,γ)  
Radionuclide Production Cross Section

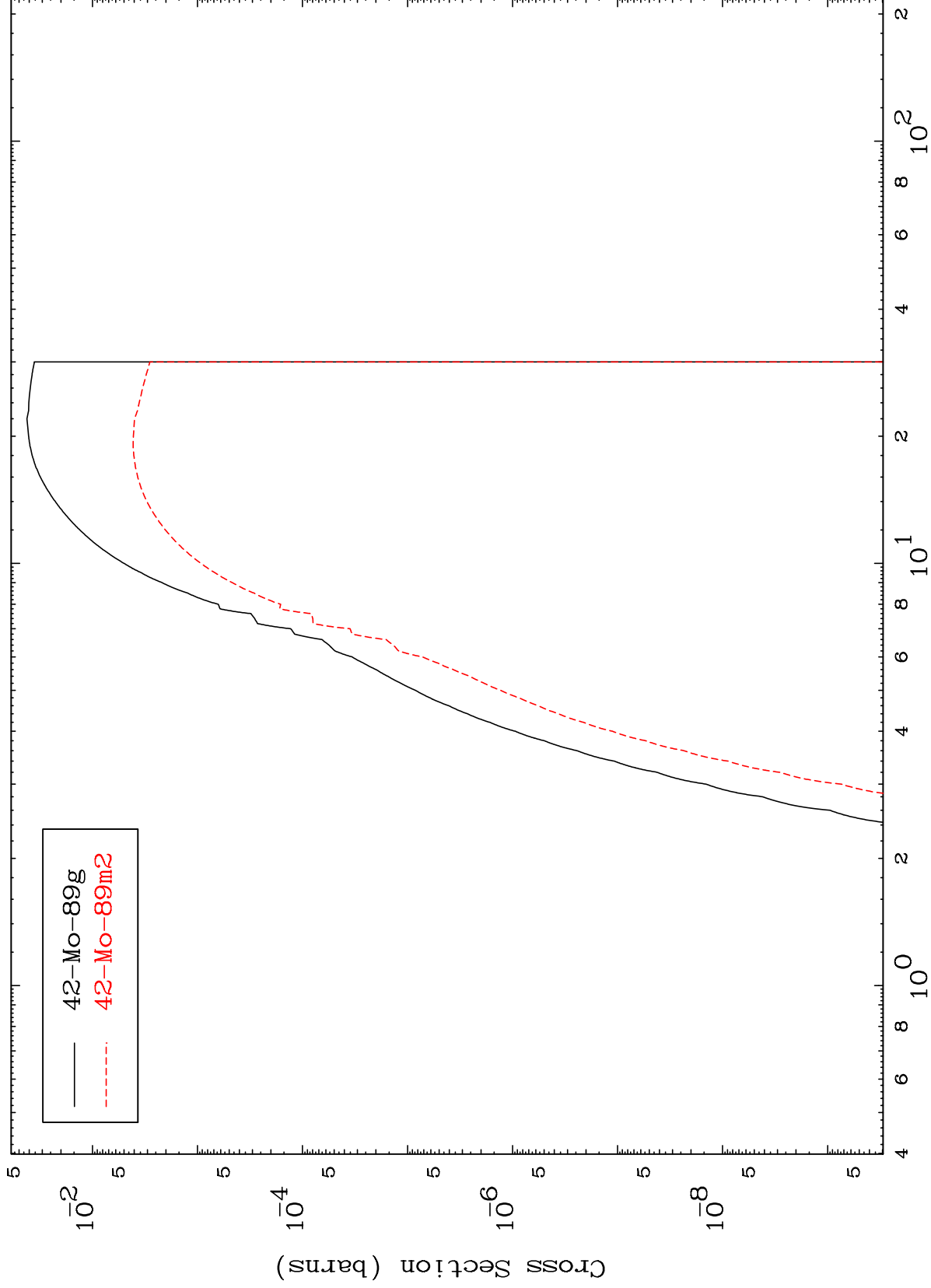


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(n,d)

43-Tc-90

Radionuclide Production Cross Section



25

Incident Energy (MeV)

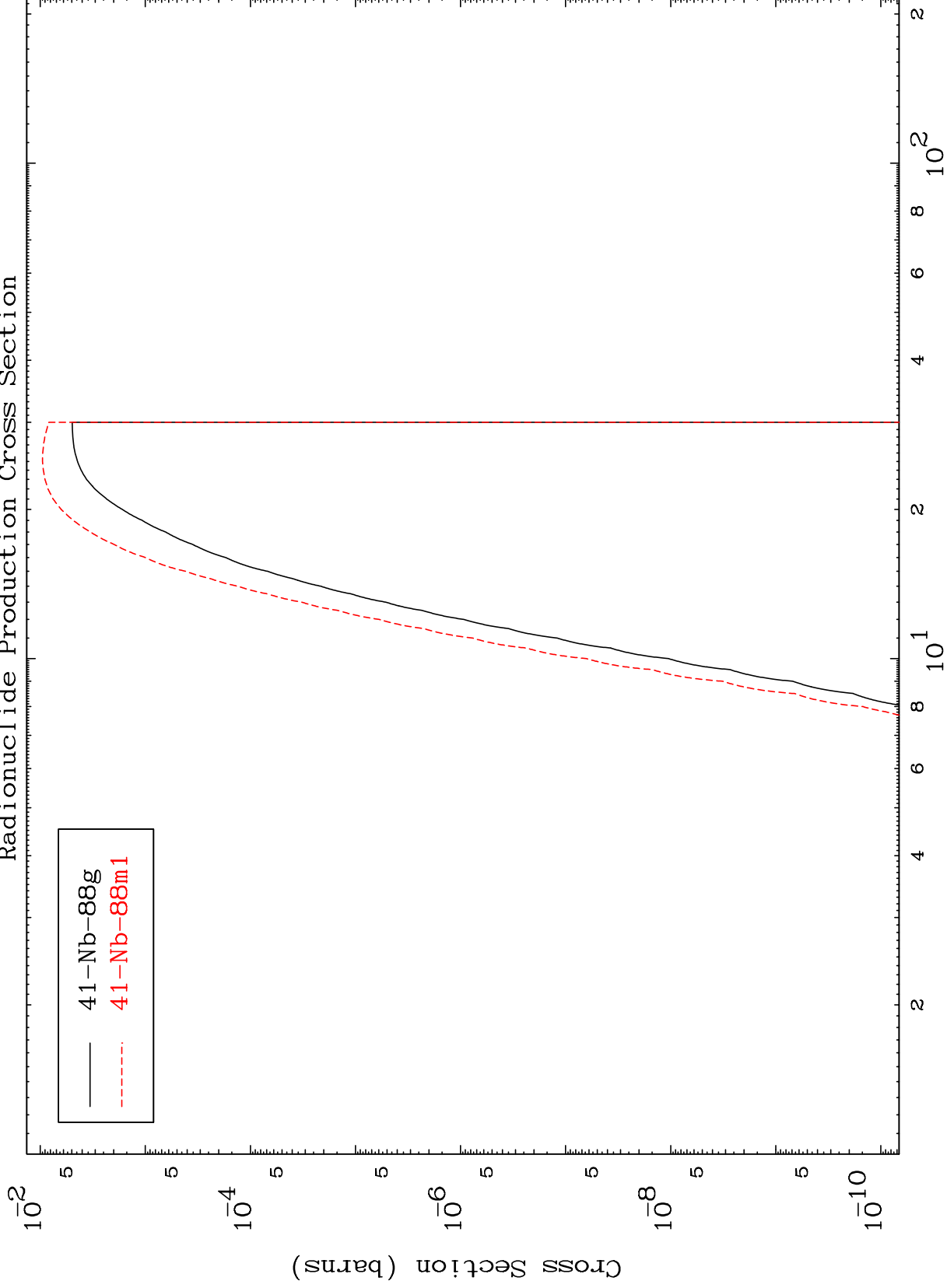
43-Tc-90

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(n,He-3)

43-Tc-90

Radionuclide Production Cross Section



26

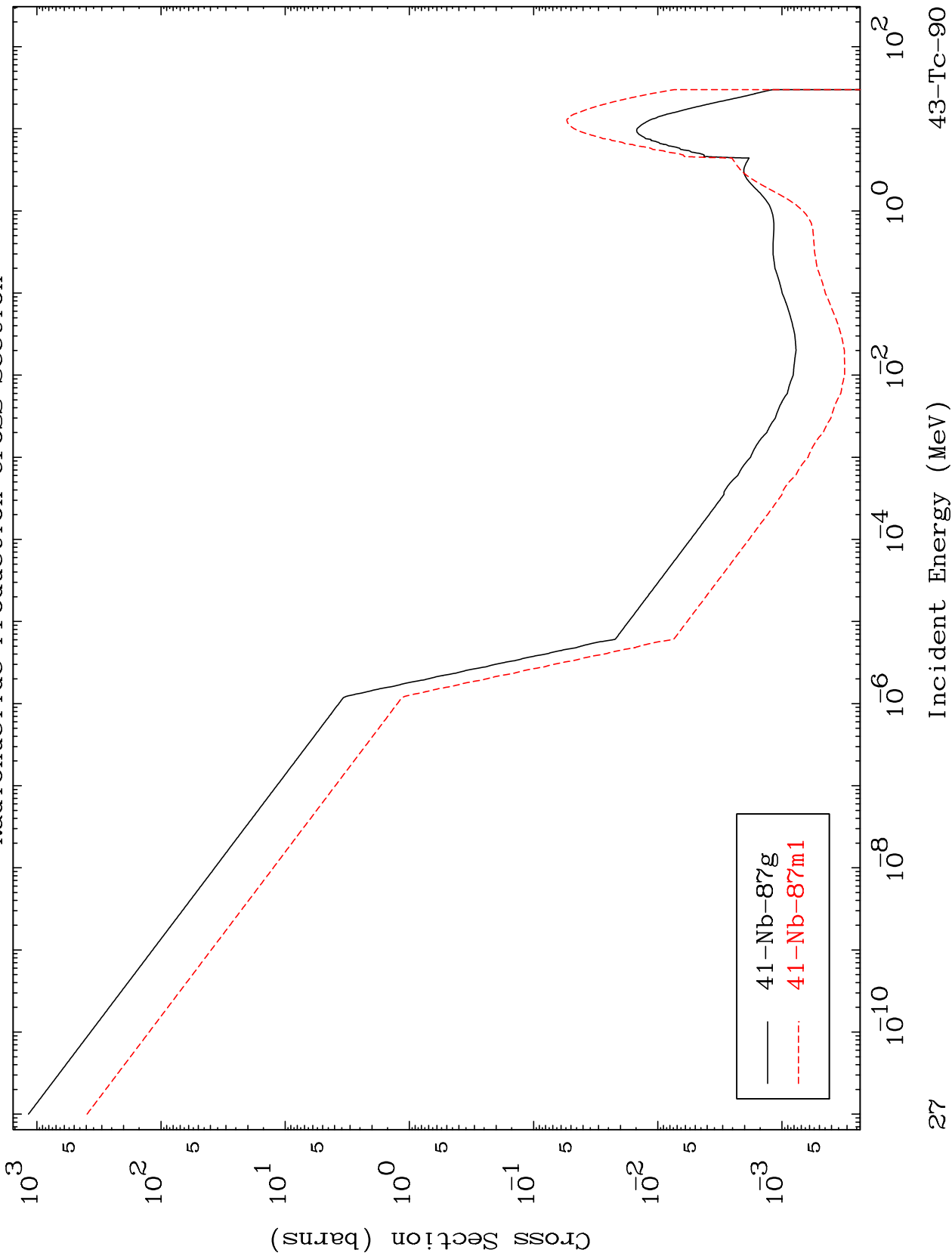
Incident Energy (MeV)

43-Tc-90

MAT 4299

43-Tc-90

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



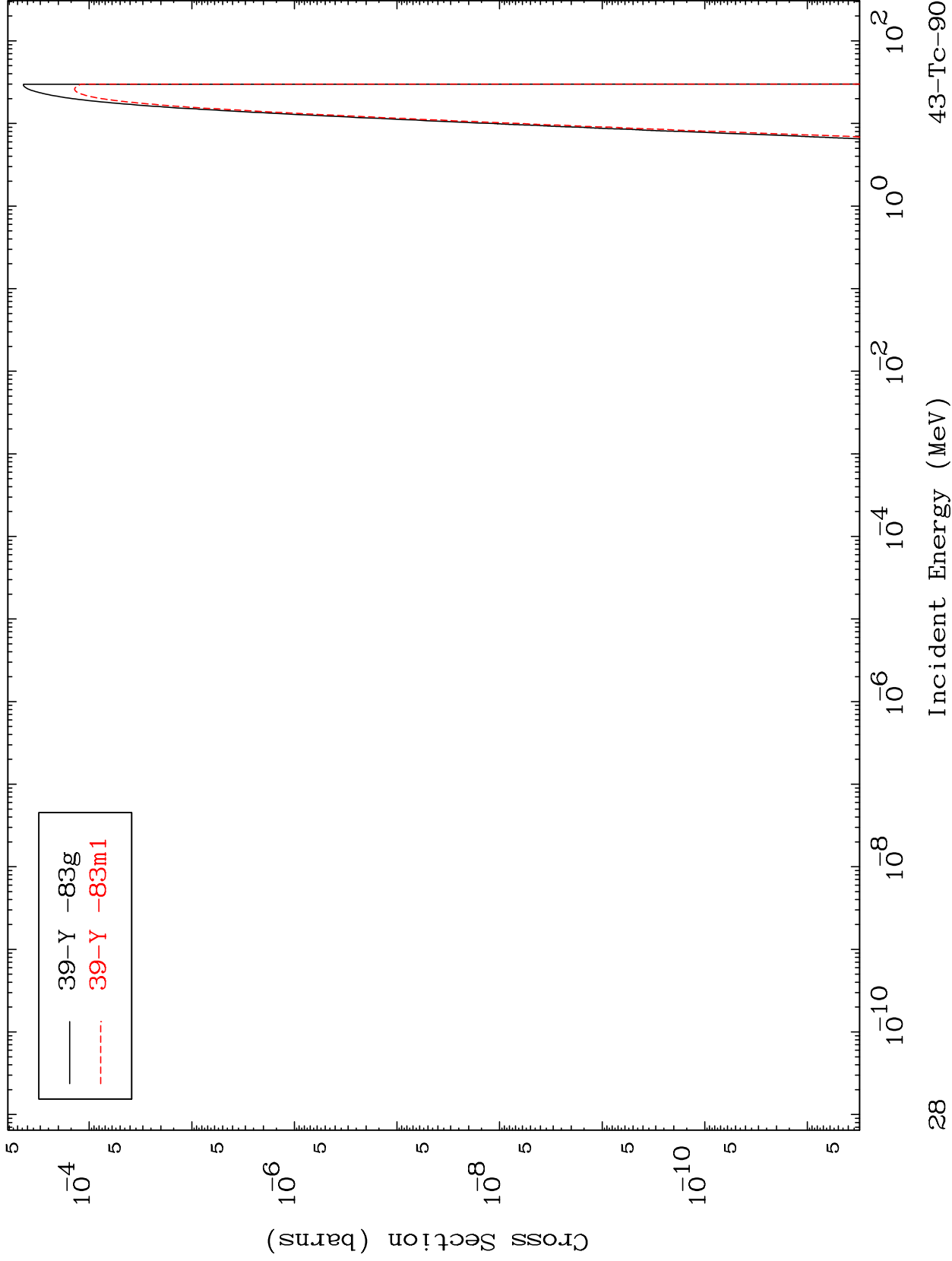
27

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(n,2α)

43-Tc-90

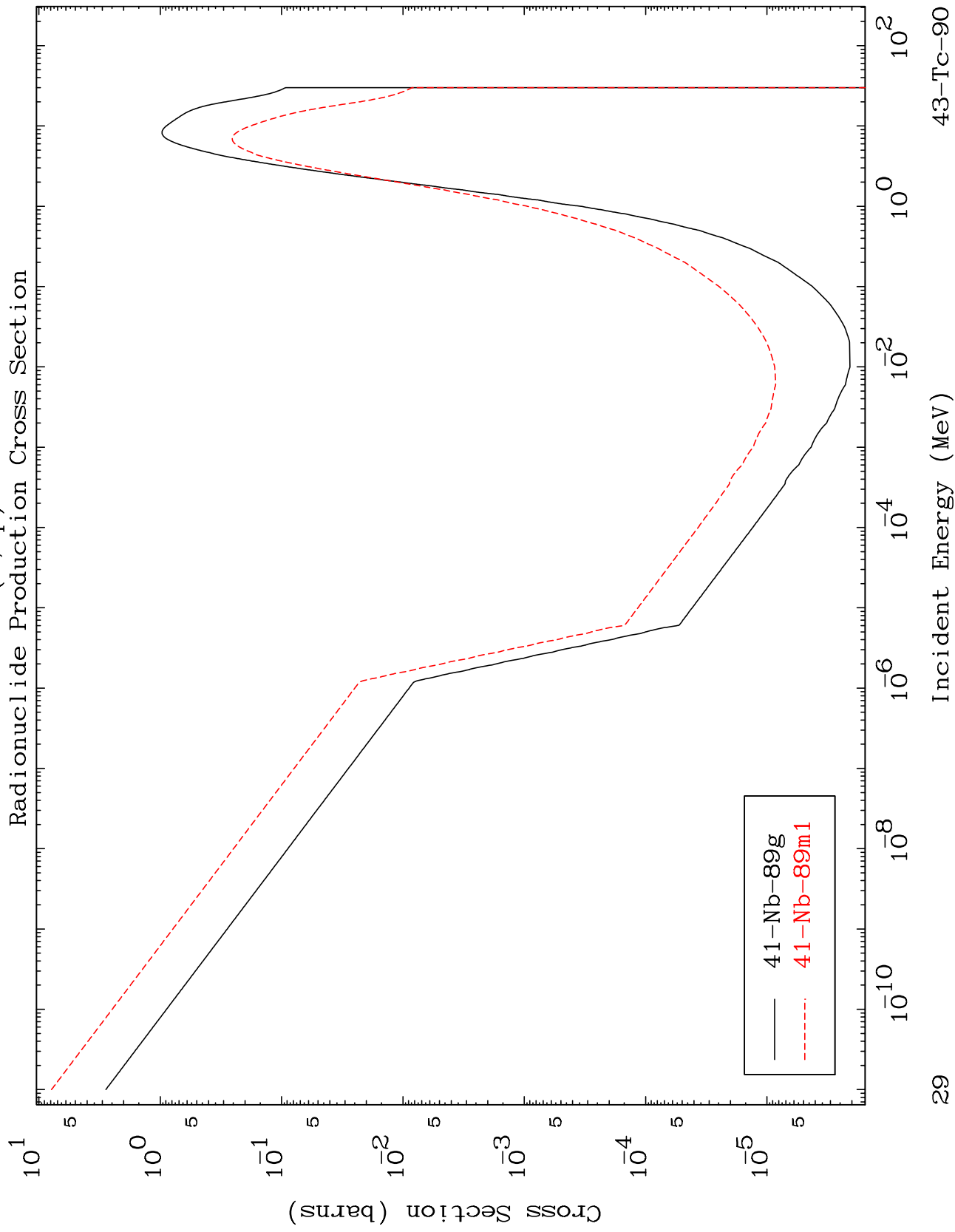
Radionuclide Production Cross Section



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43-Tc-90

(n,2p)  
Radionuclide Production Cross Section

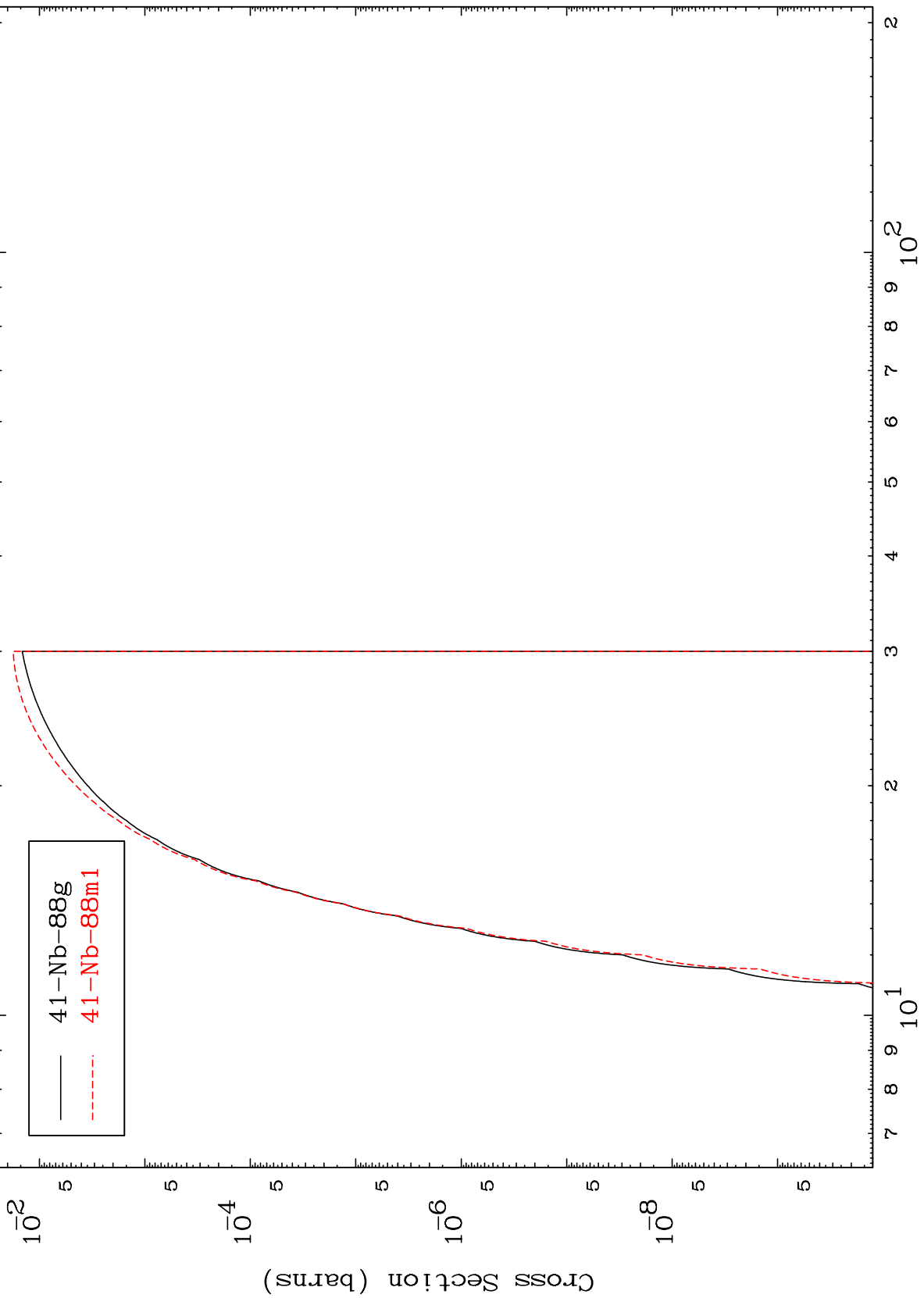


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(n,p) d

43-Tc-90

Radionuclide Production Cross Section



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

30

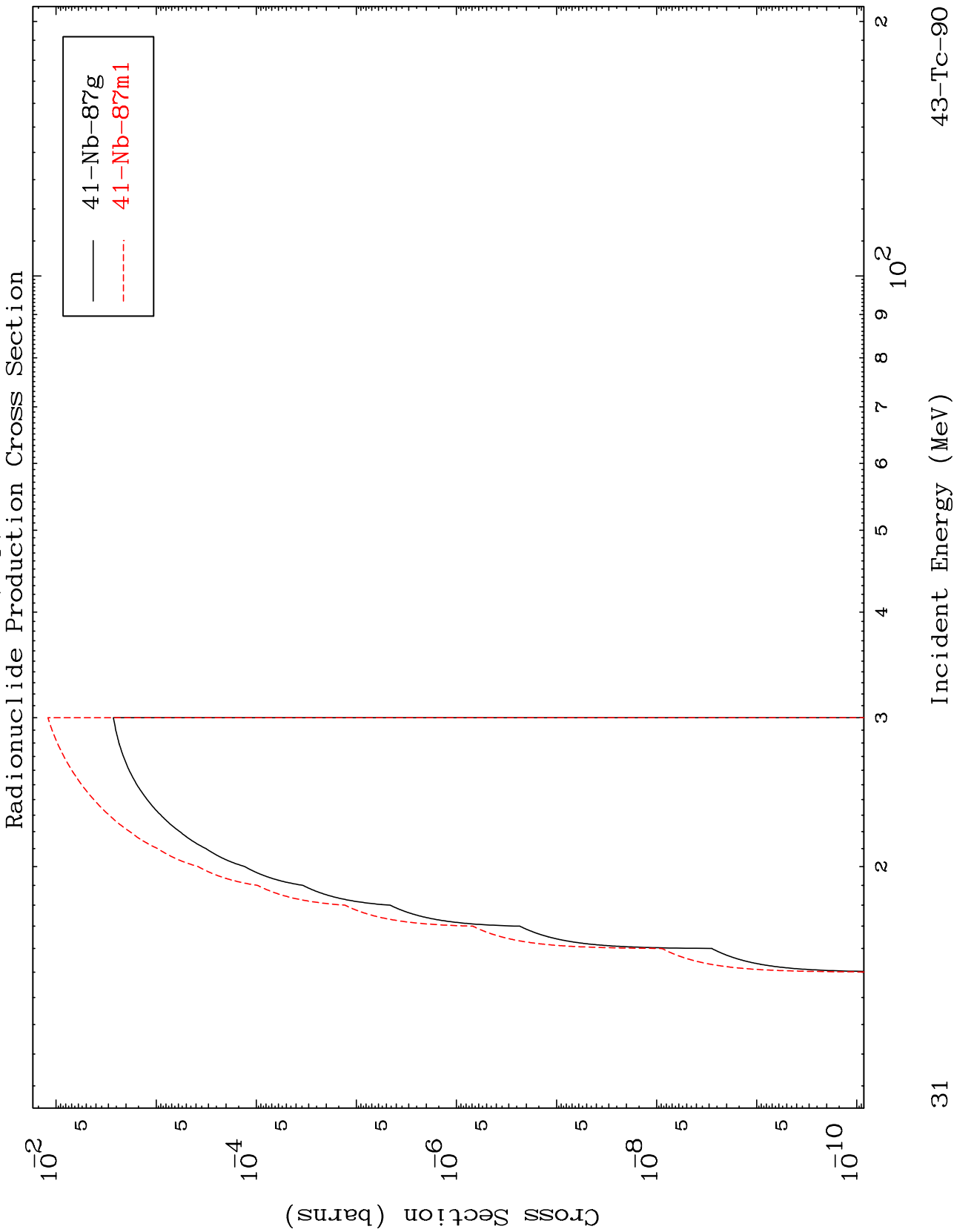
Incident Energy (MeV)

43-Tc-90

MAT 4299

(n,p) t

43-Tc-90



31

Incident Energy (MeV)

43-Tc-90

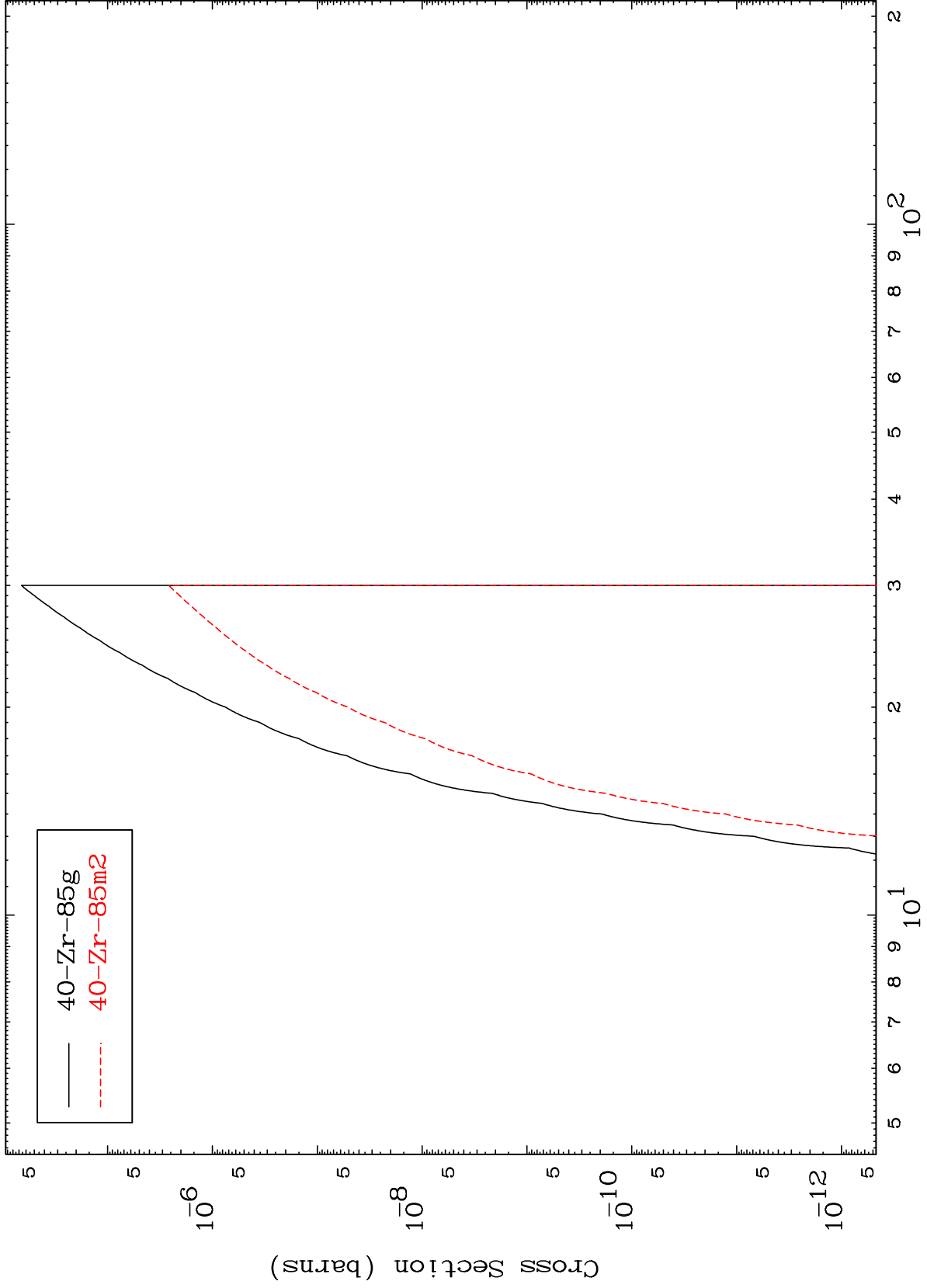


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(n,d)  $\alpha$

43-Tc-90

Radionuclide Production Cross Section



32

Incident Energy (MeV)

43-Tc-90