

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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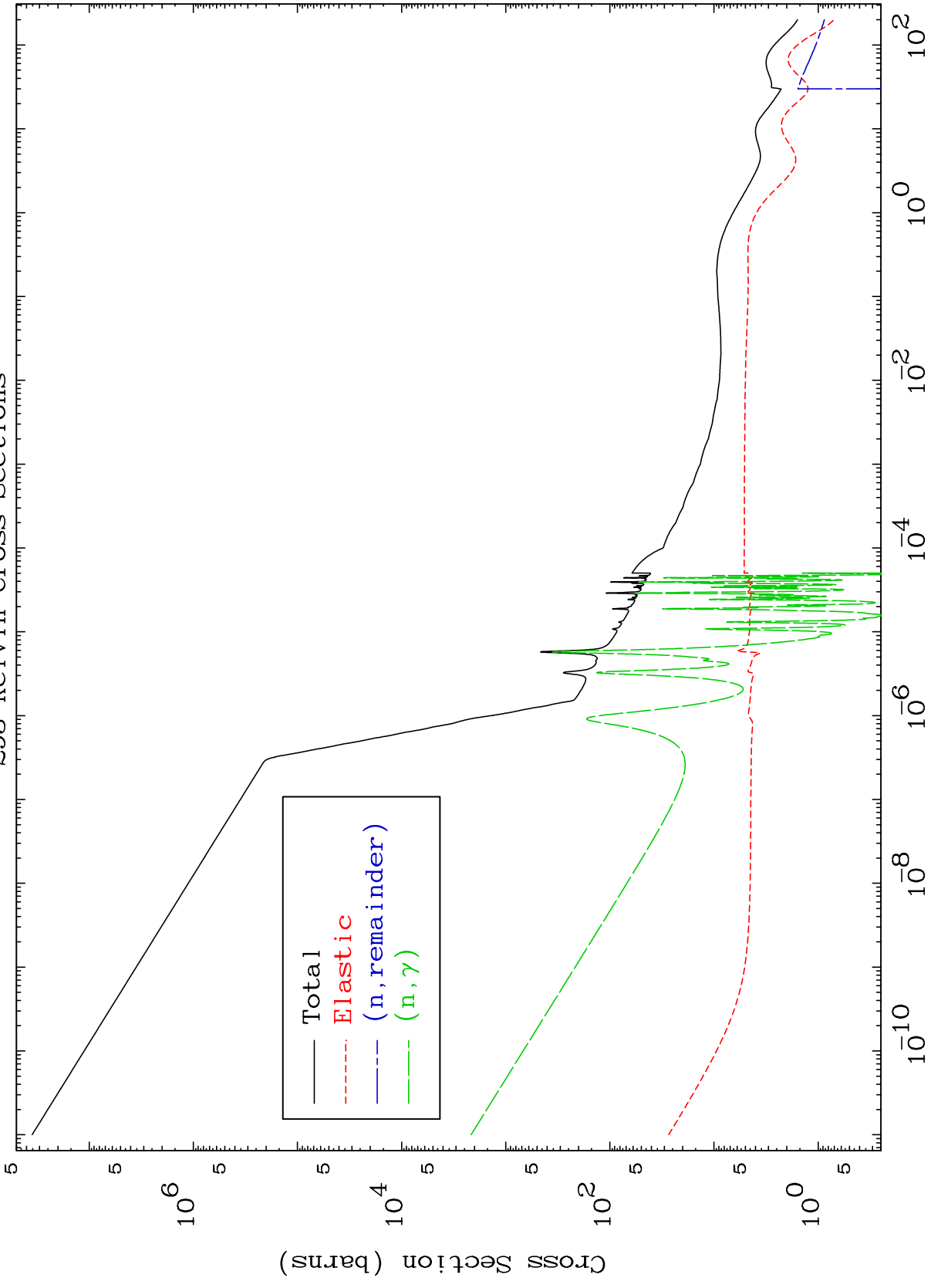
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4293

Major
293 Kelvin Cross Sections

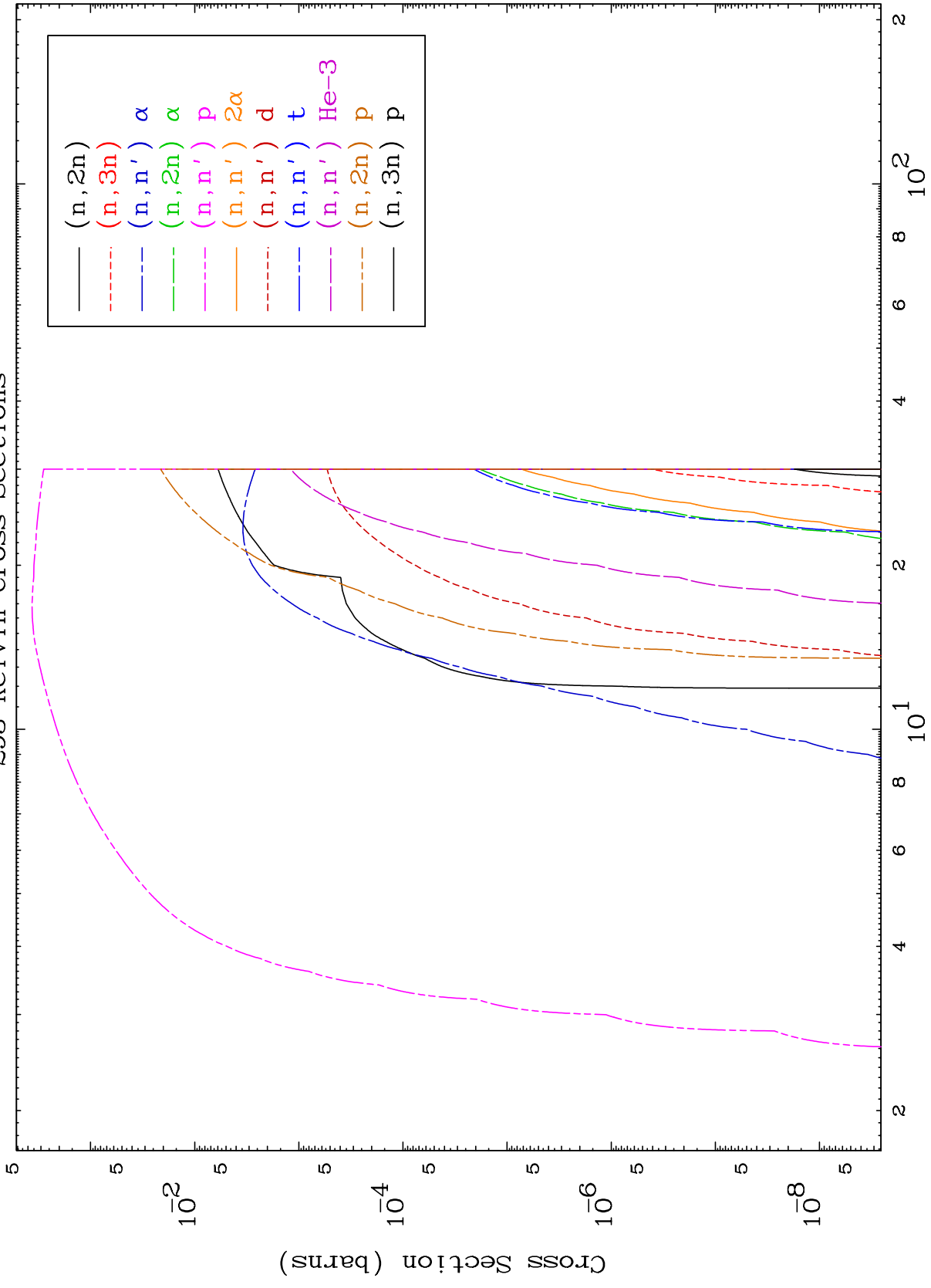
43-Tc-88



MAT 4293

Neutron Production
293 Kelvin Cross Sections

43-Tc-88



2

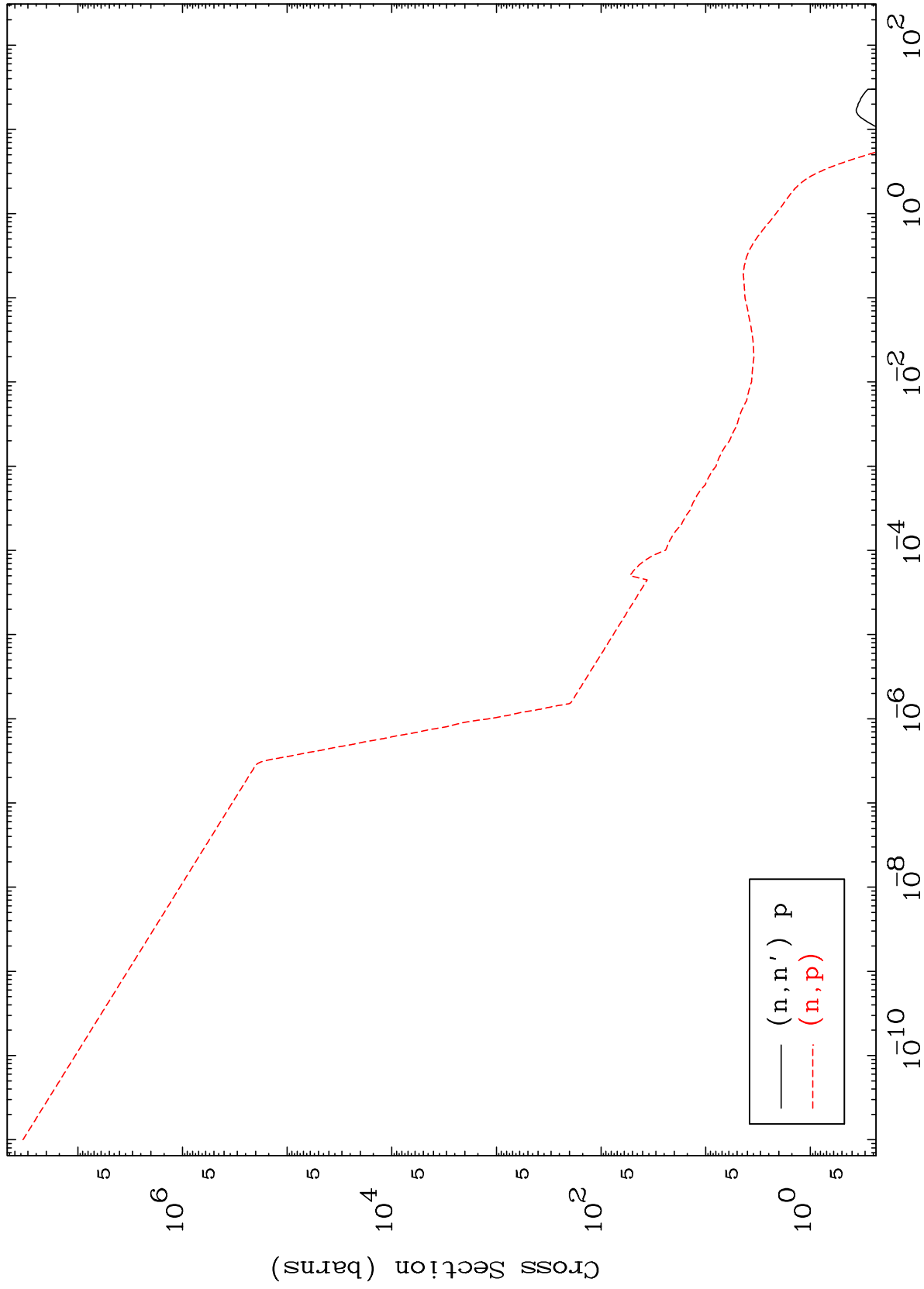
Incident Energy (MeV)

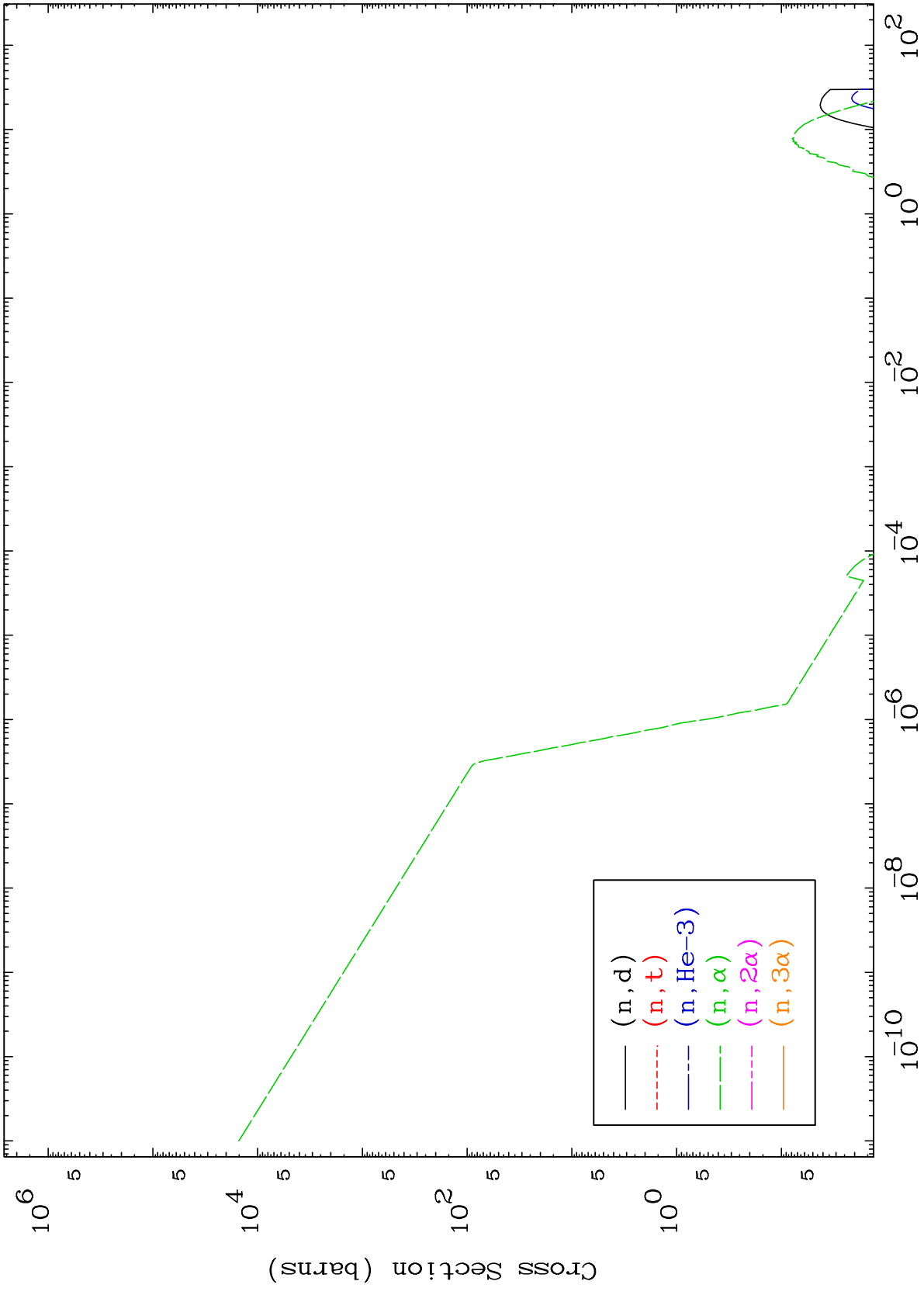
43-Tc-88

MAT 4293

Charged Particle
293 Kelvin Cross Sections

43-Tc-88

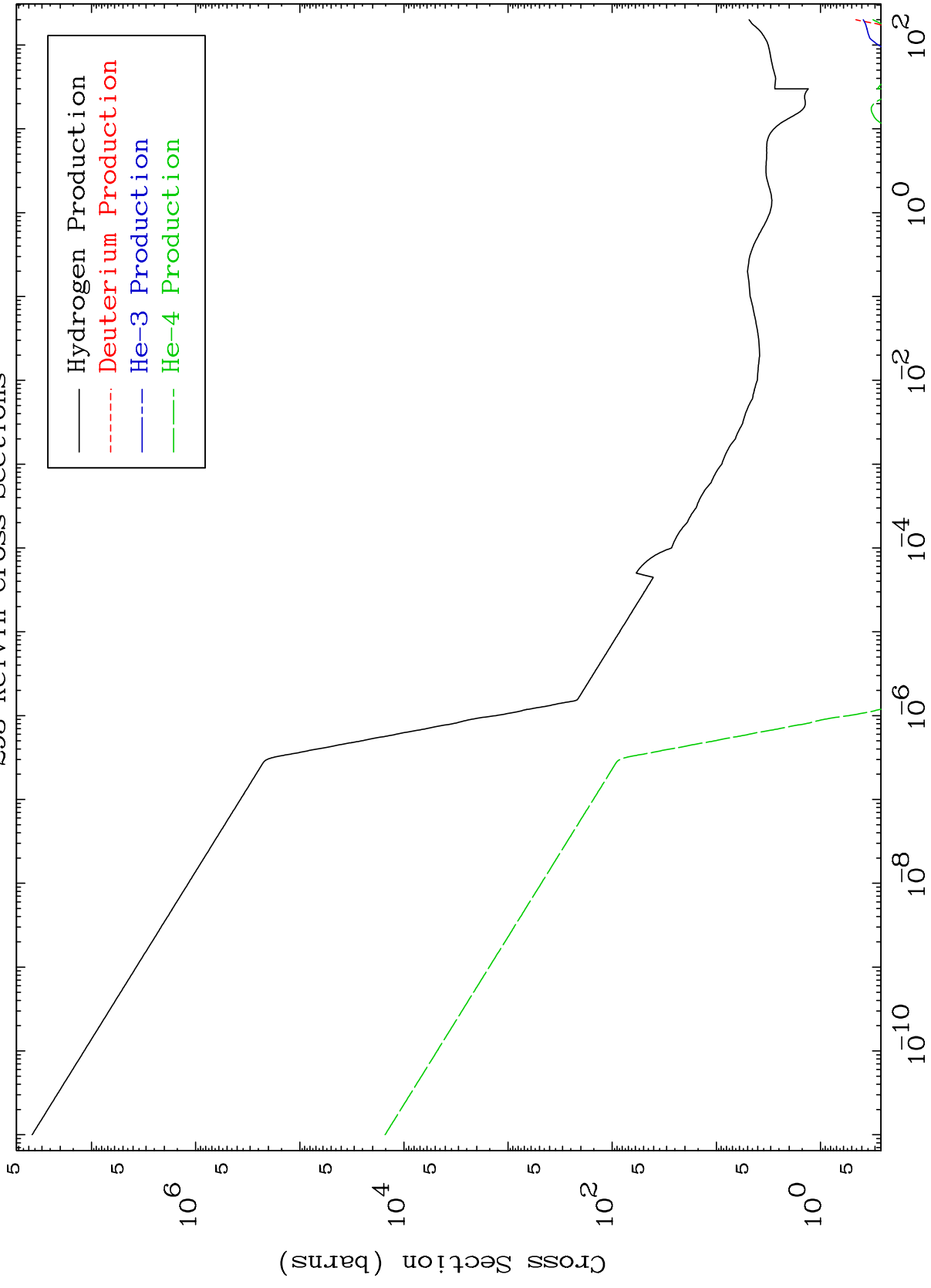




MAT 4293

Particle Production
293 Kelvin Cross Sections

43-Tc-88



Hydrogen Production
Deuterium Production
He-3 Production
He-4 Production

5

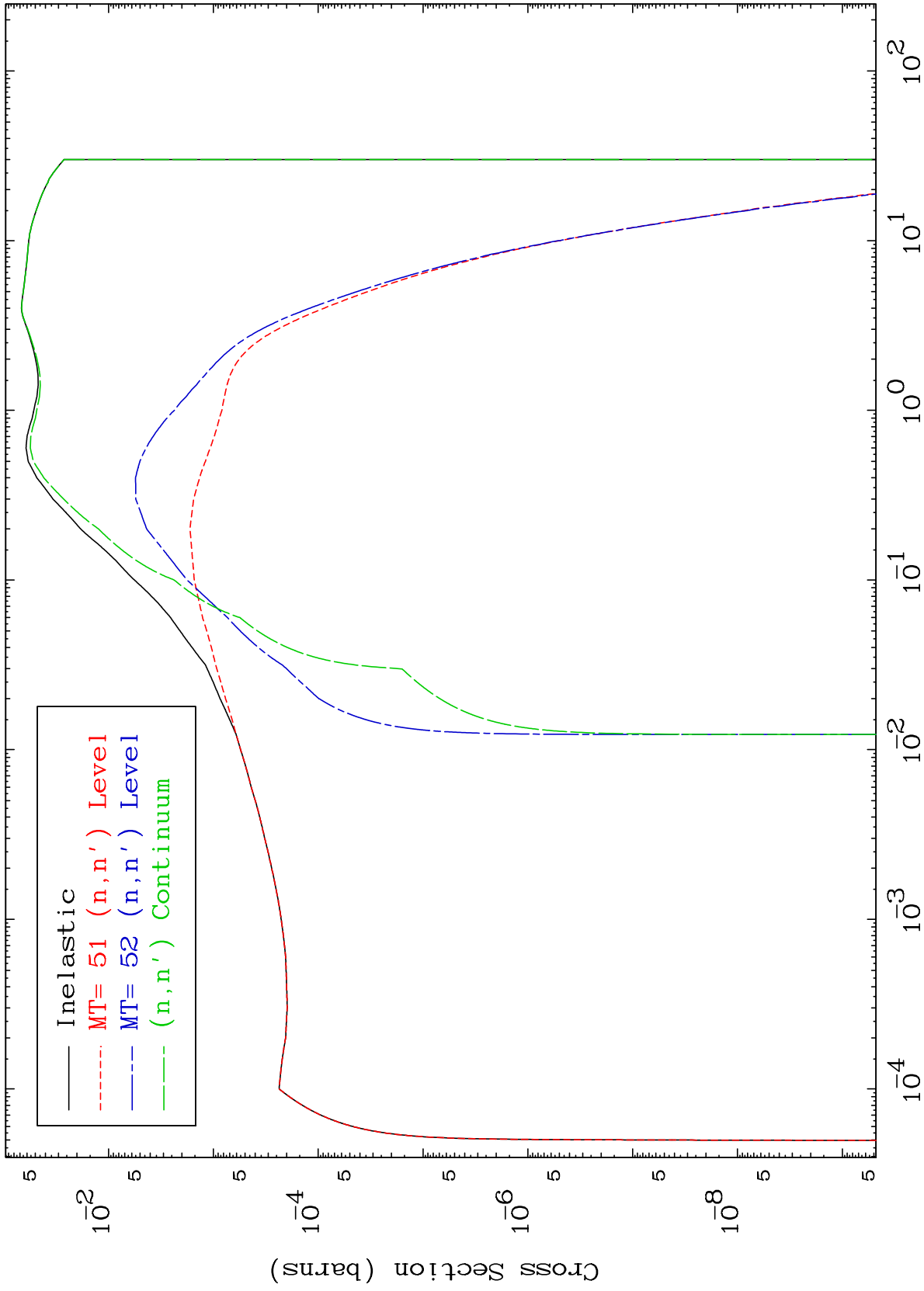
Incident Energy (MeV)

43-Tc-88

MAT 4293

293 Kelvin Cross Sections

43-Tc-88



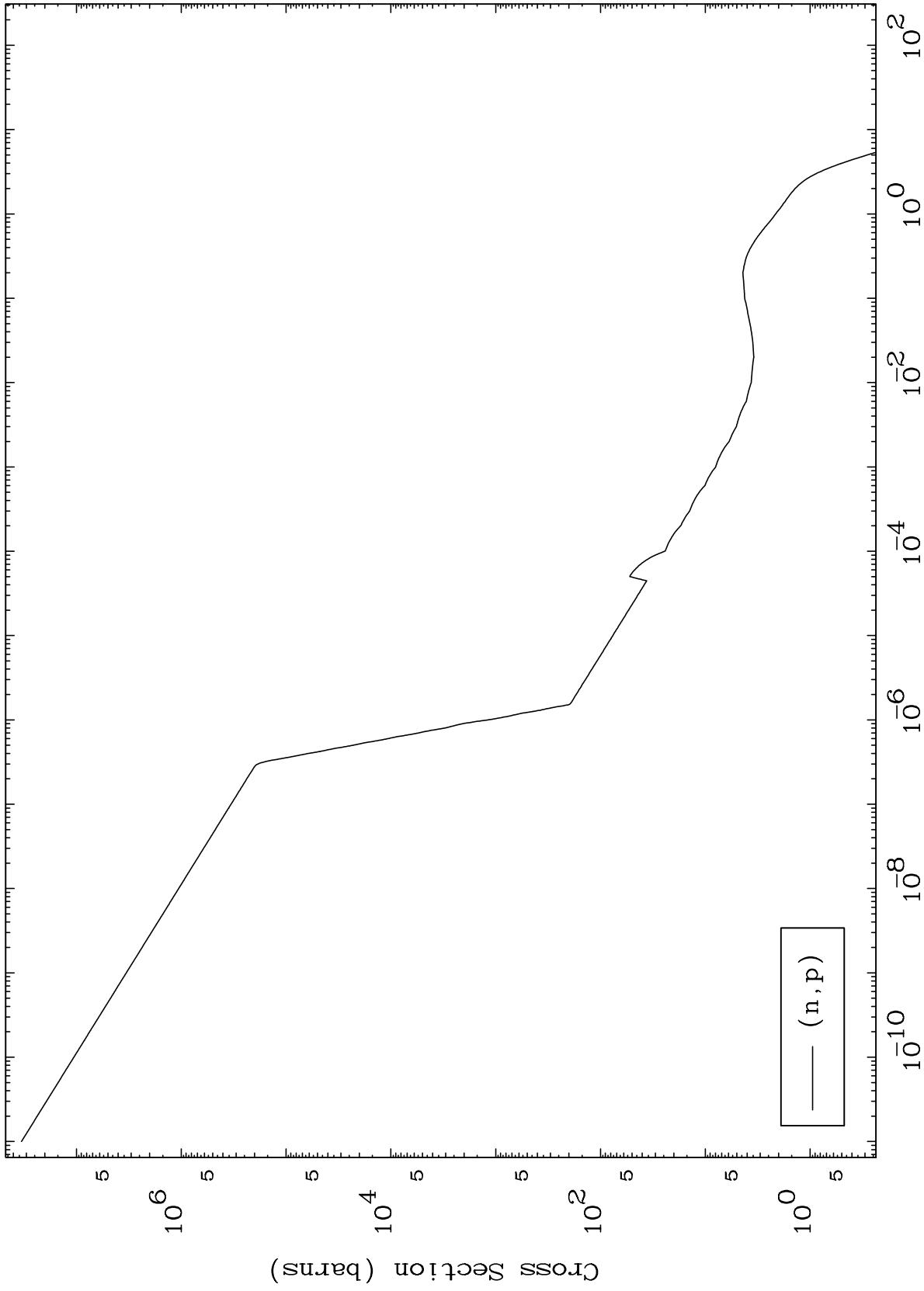
6

43-Tc-88

MAT 4293

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-88



7

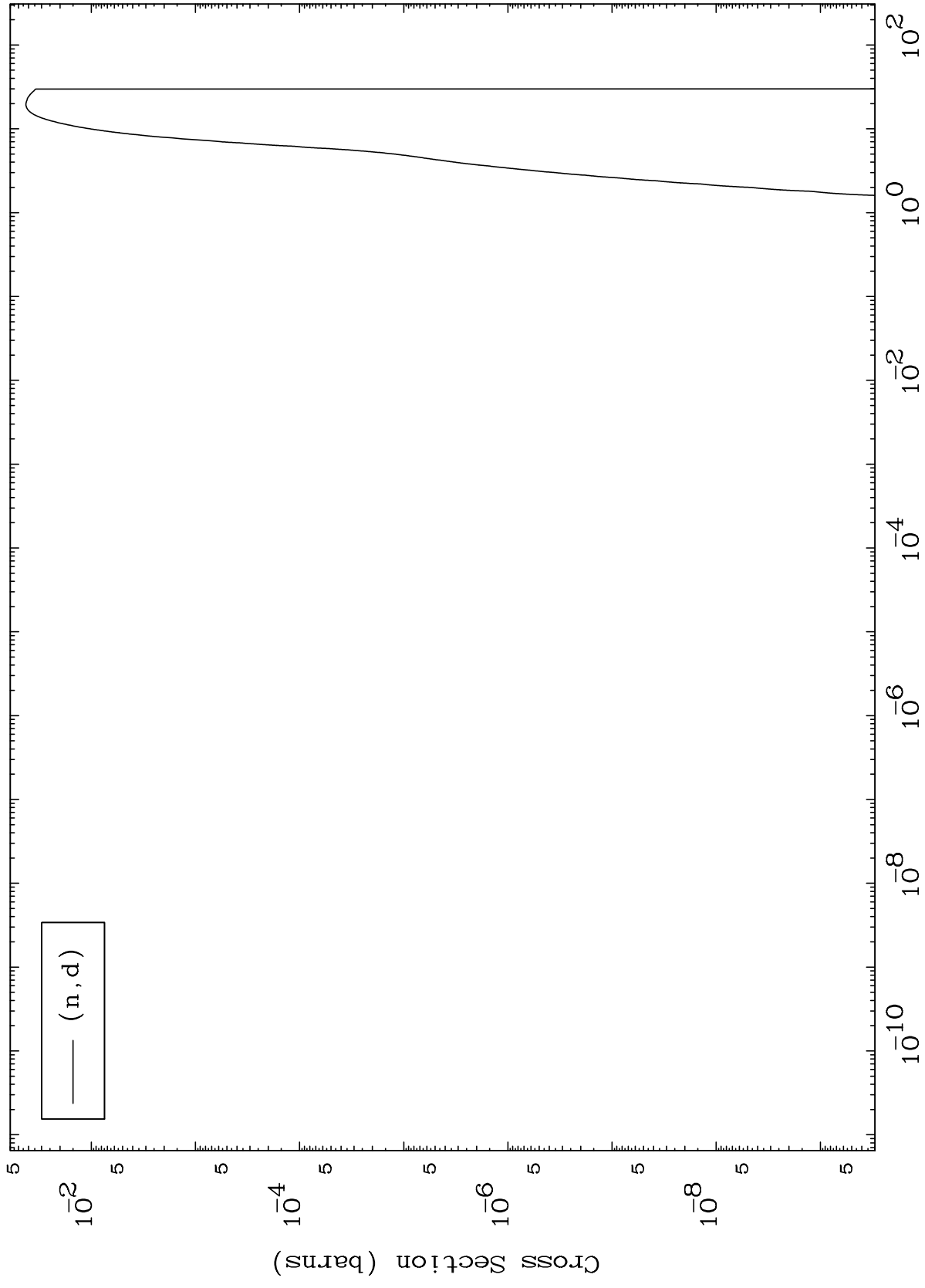
Incident Energy (MeV)

43-Tc-88

MAT 4293

(n,d) Levels
293 Kelvin Cross Sections

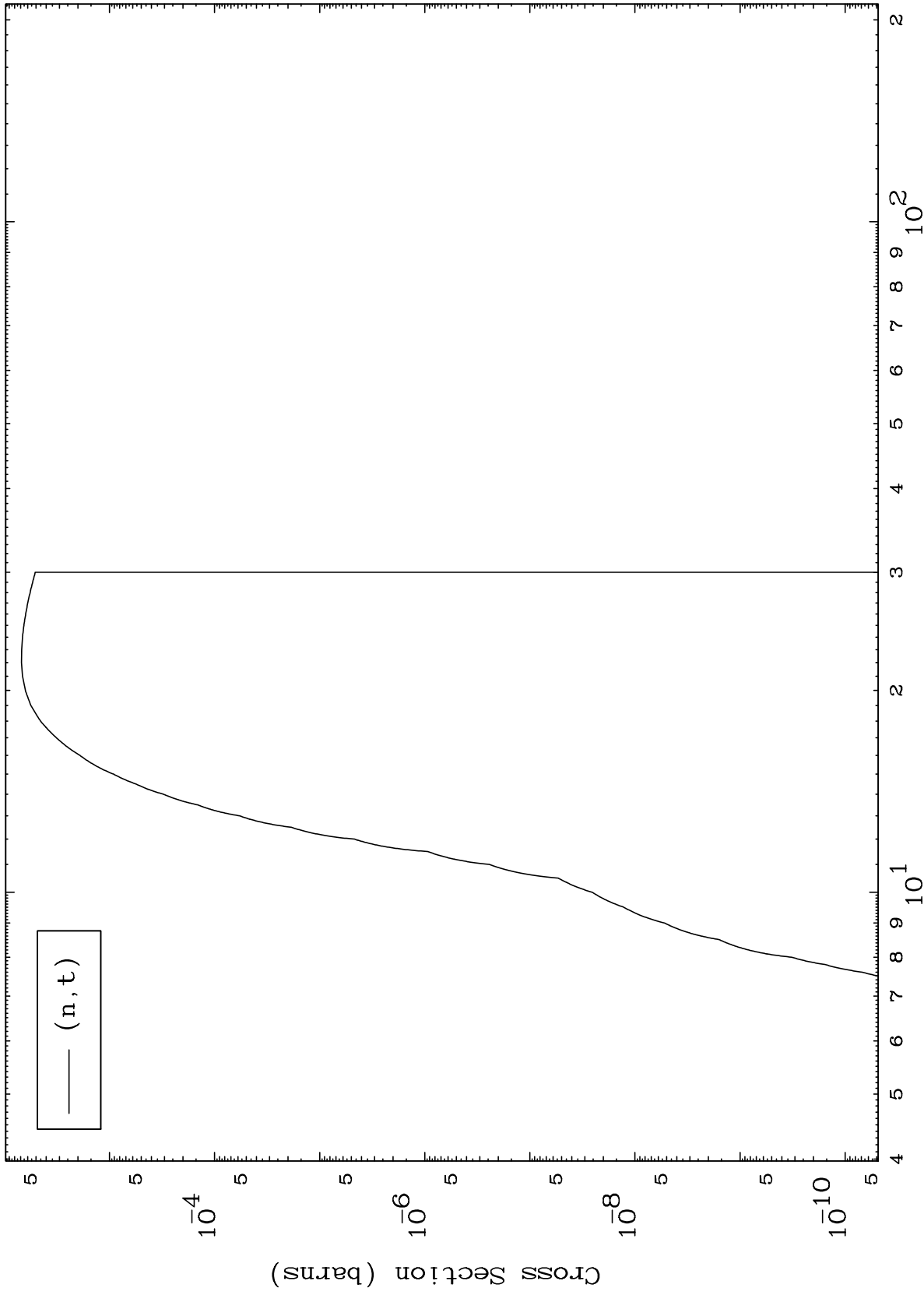
43-Tc-88



MAT 4293

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-88



9

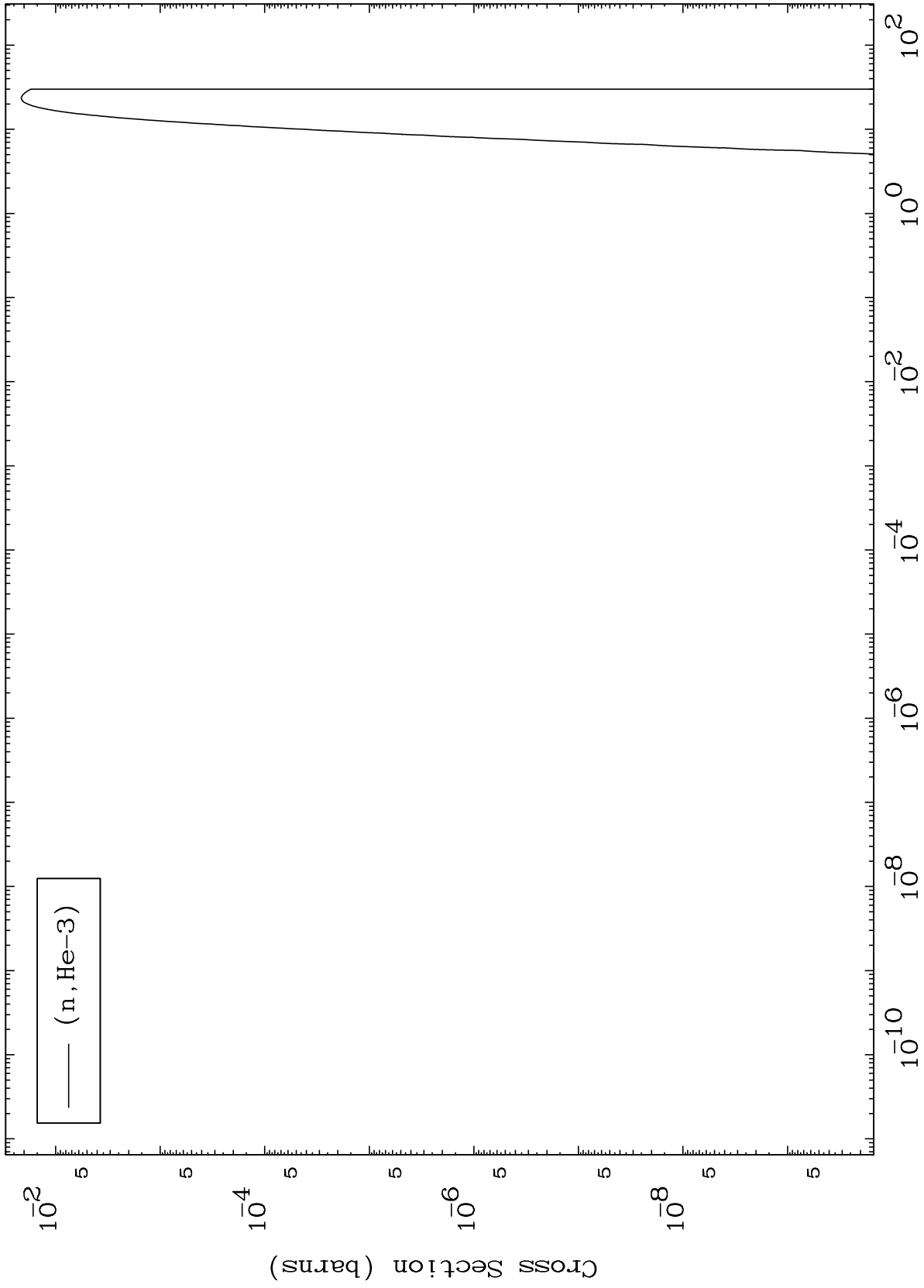
Incident Energy (MeV)

43-Tc-88

MAT 4293

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-88



10

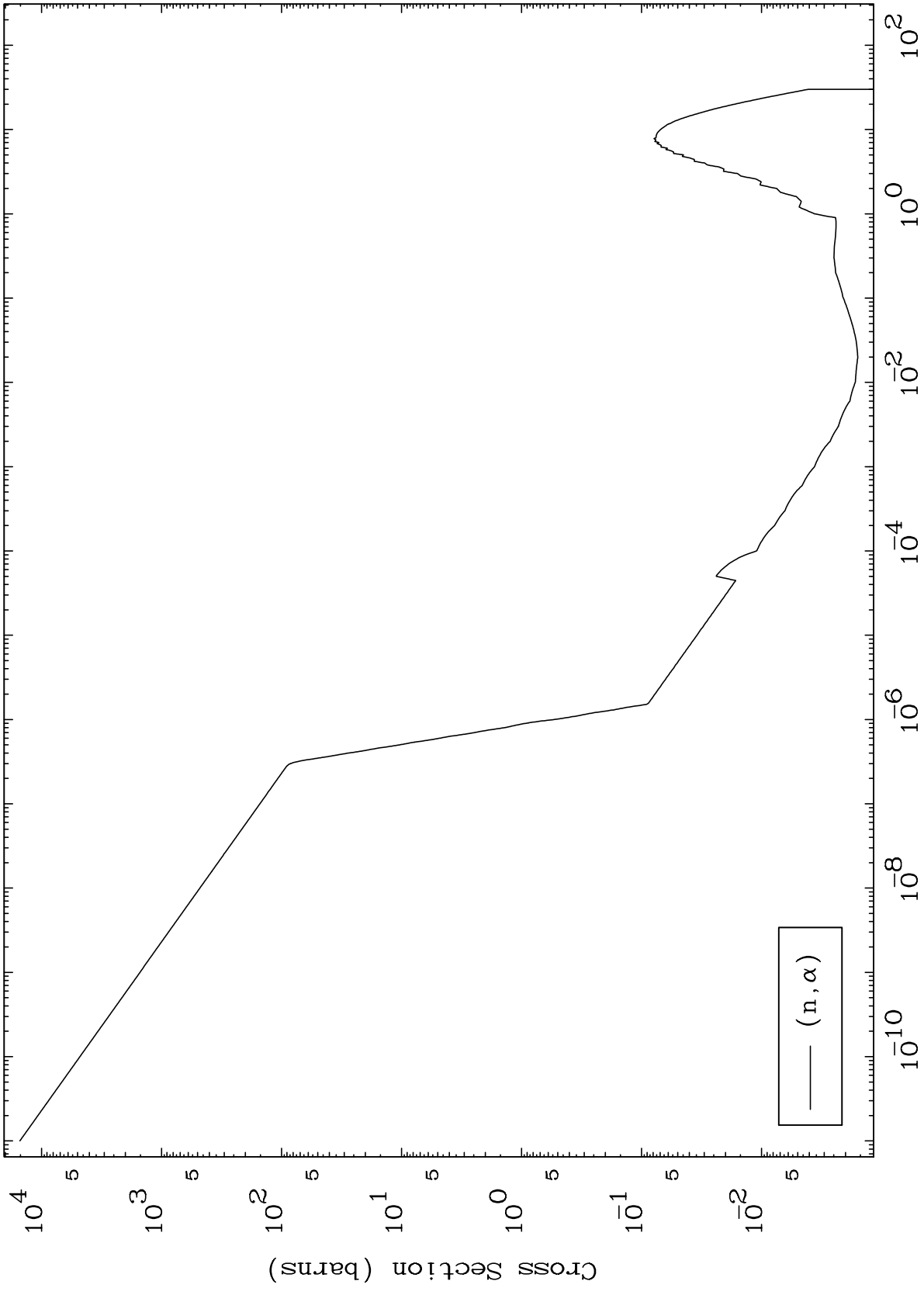
Incident Energy (MeV)

43-Tc-88

MAT 4293

(n, α) Levels
293 Kelvin Cross Sections

43-Tc-88

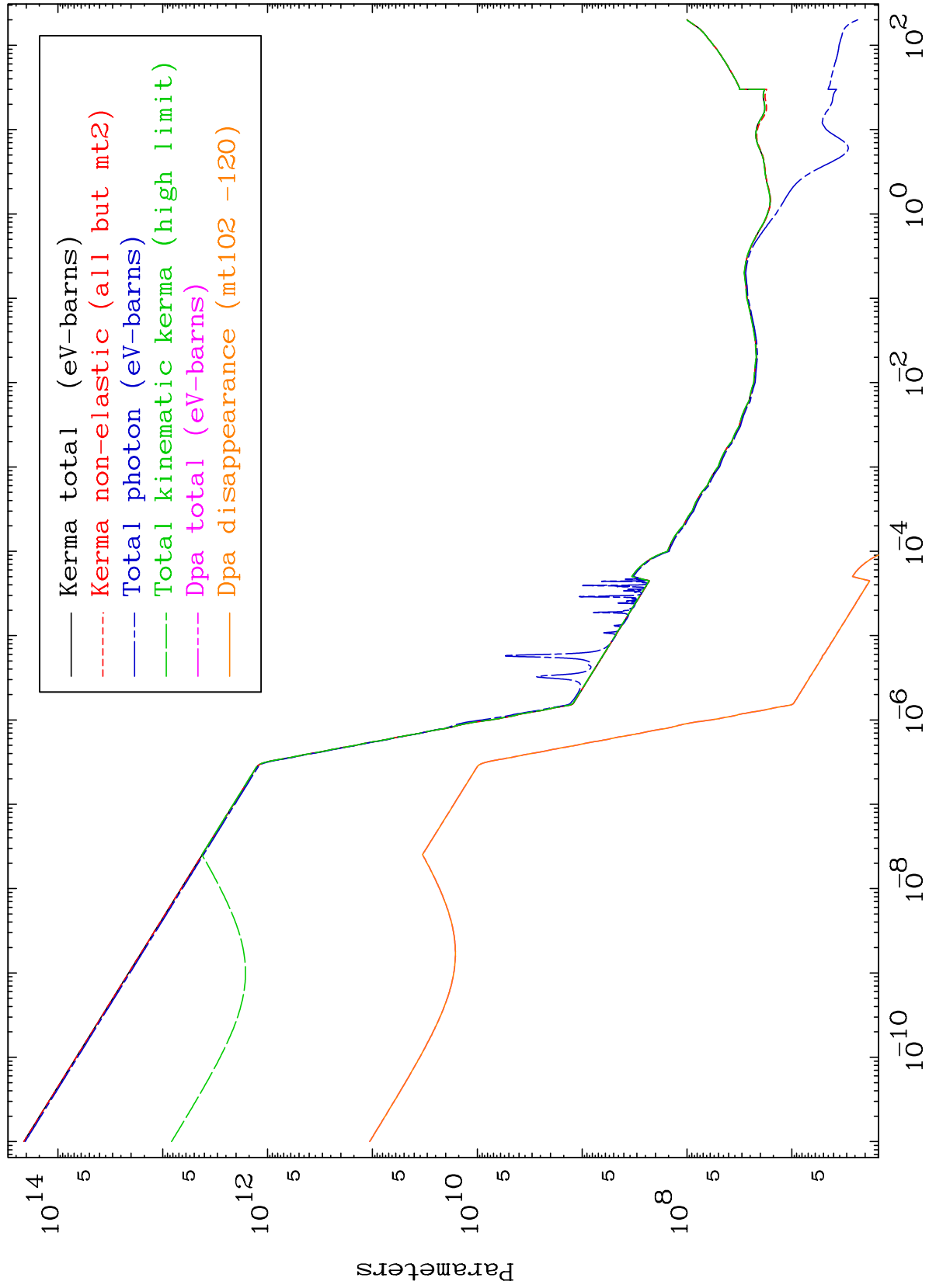


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Incident Energy (MeV)

43-Tc-88

— (n, α)



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Elastic Legendre Coefficients

43-Tc-88



43-Tc-88

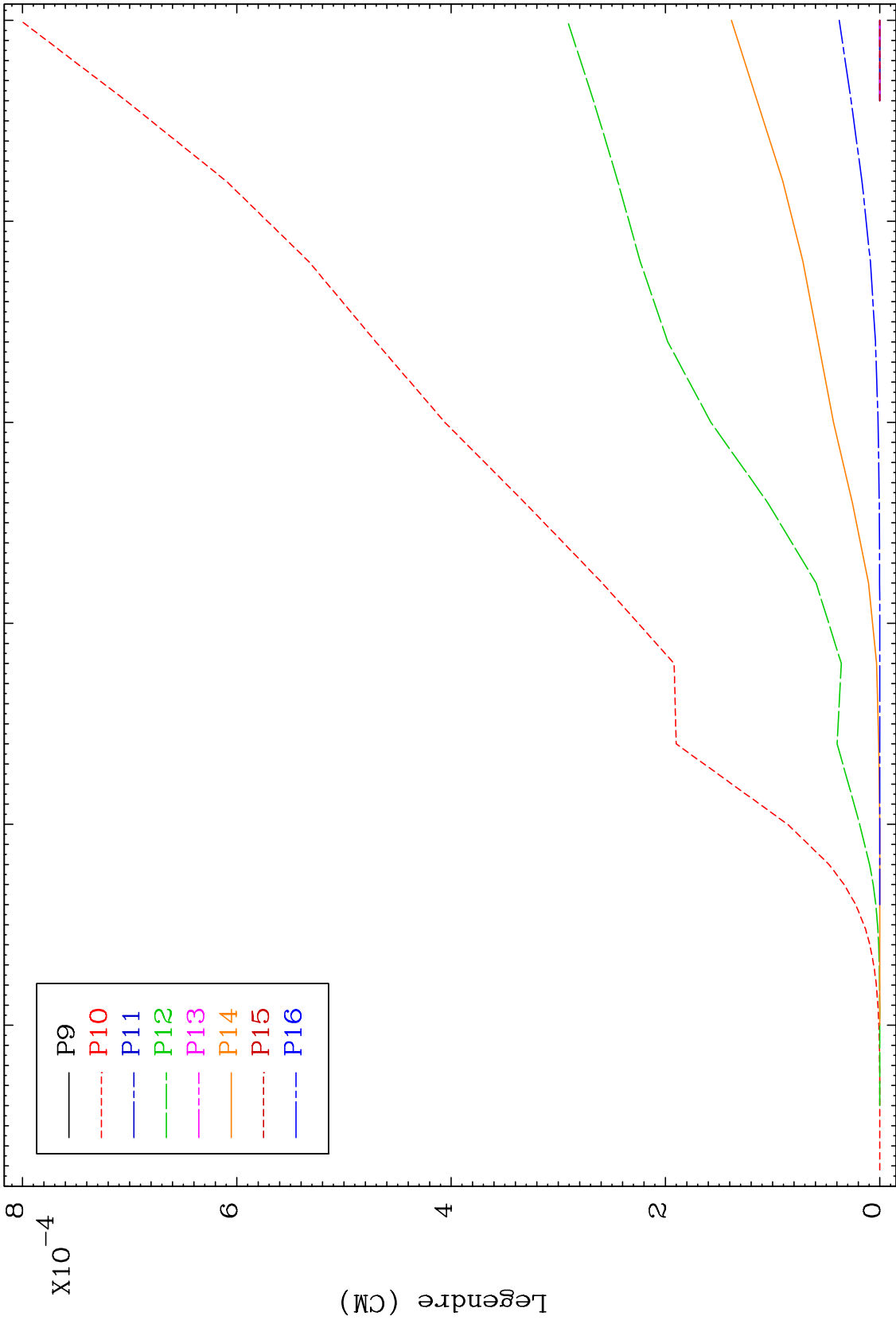
Incident Energy (MeV)

13

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Elastic Legendre Coefficients

43-Tc-88



14

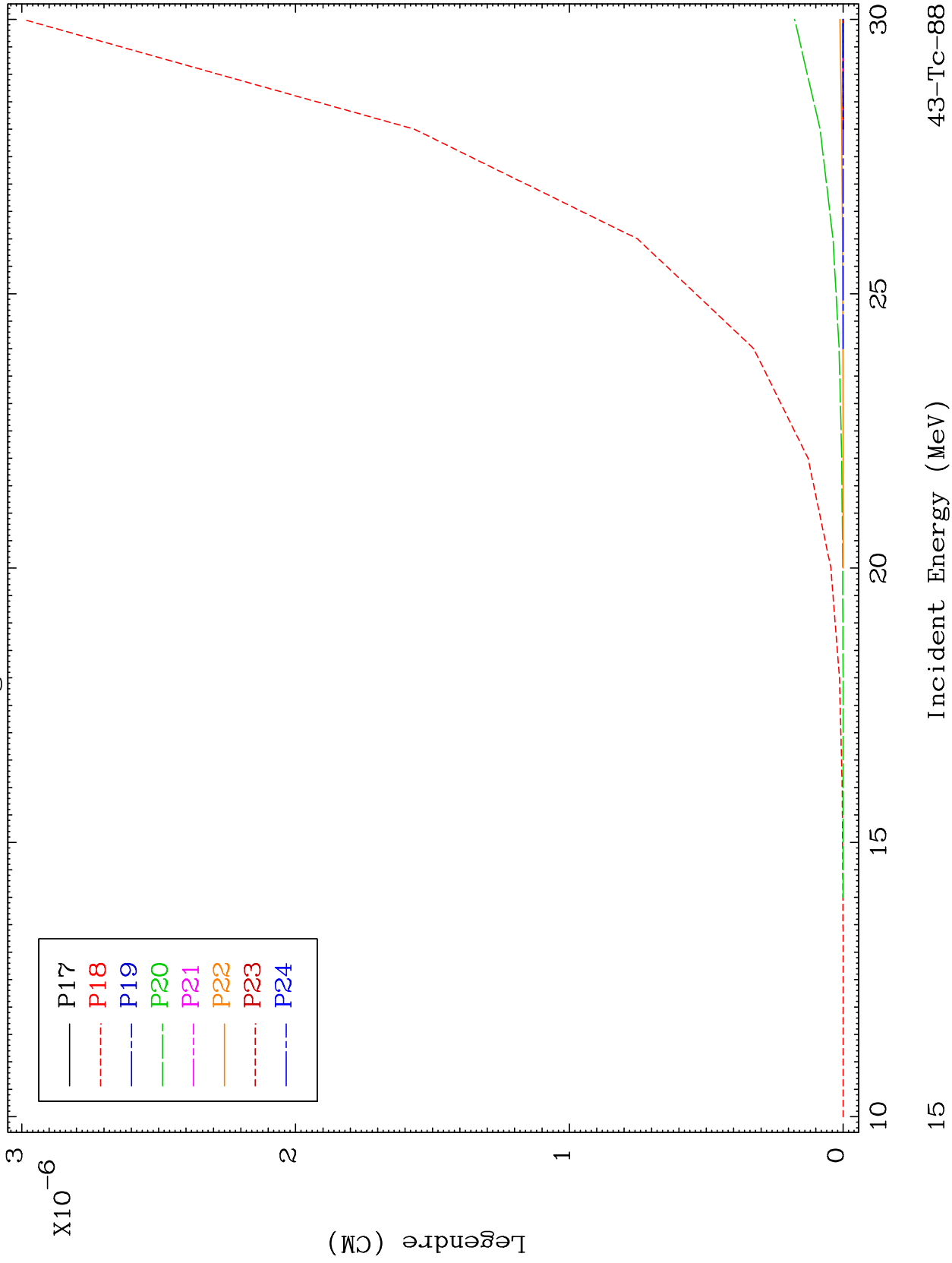
Incident Energy (MeV)

43-Tc-88

MAT 4293

Elastic Legendre Coefficients

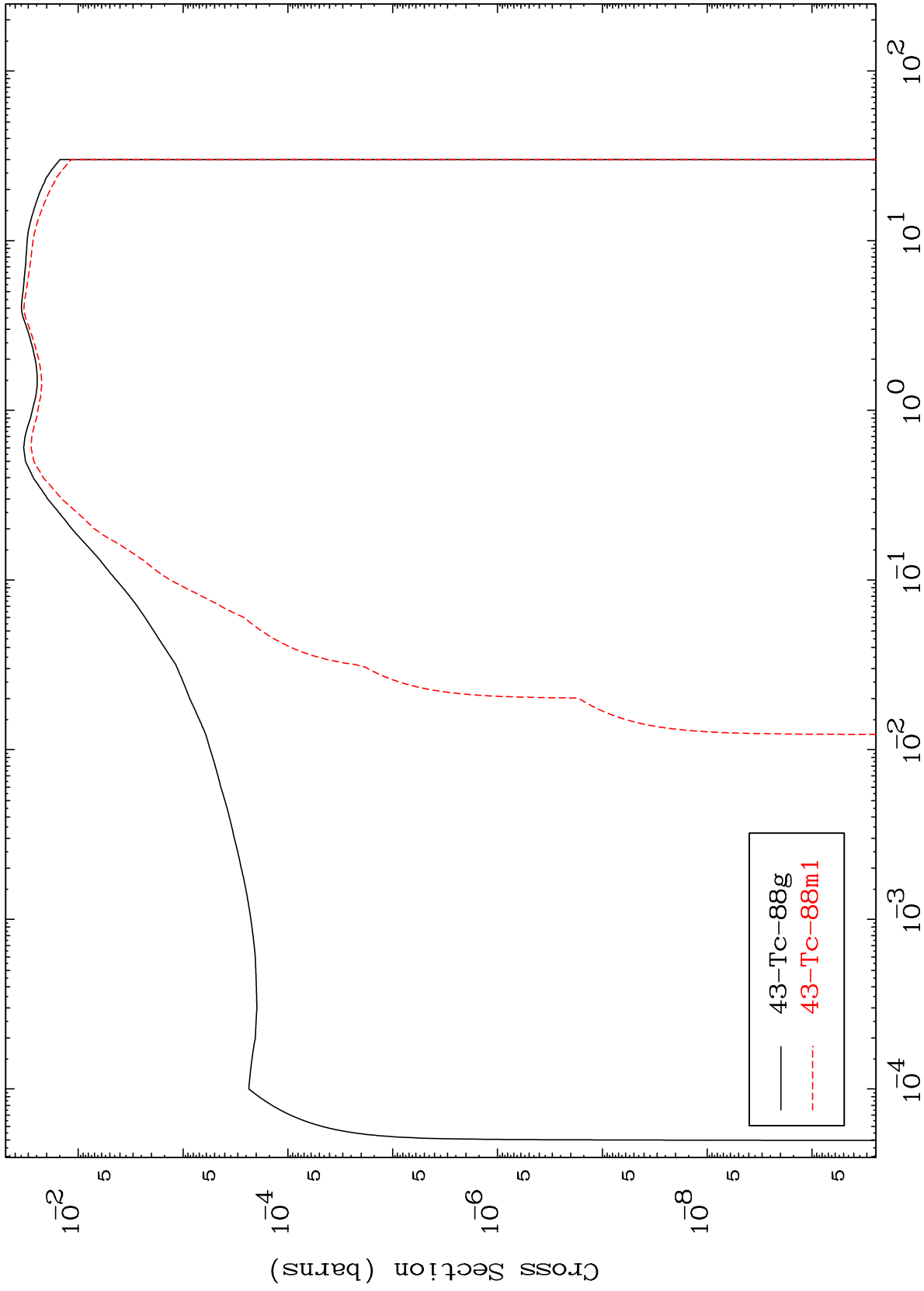
43-Tc-88



MAT 4293

43-Tc-88

Inelastic Radionuclide Production Cross Section

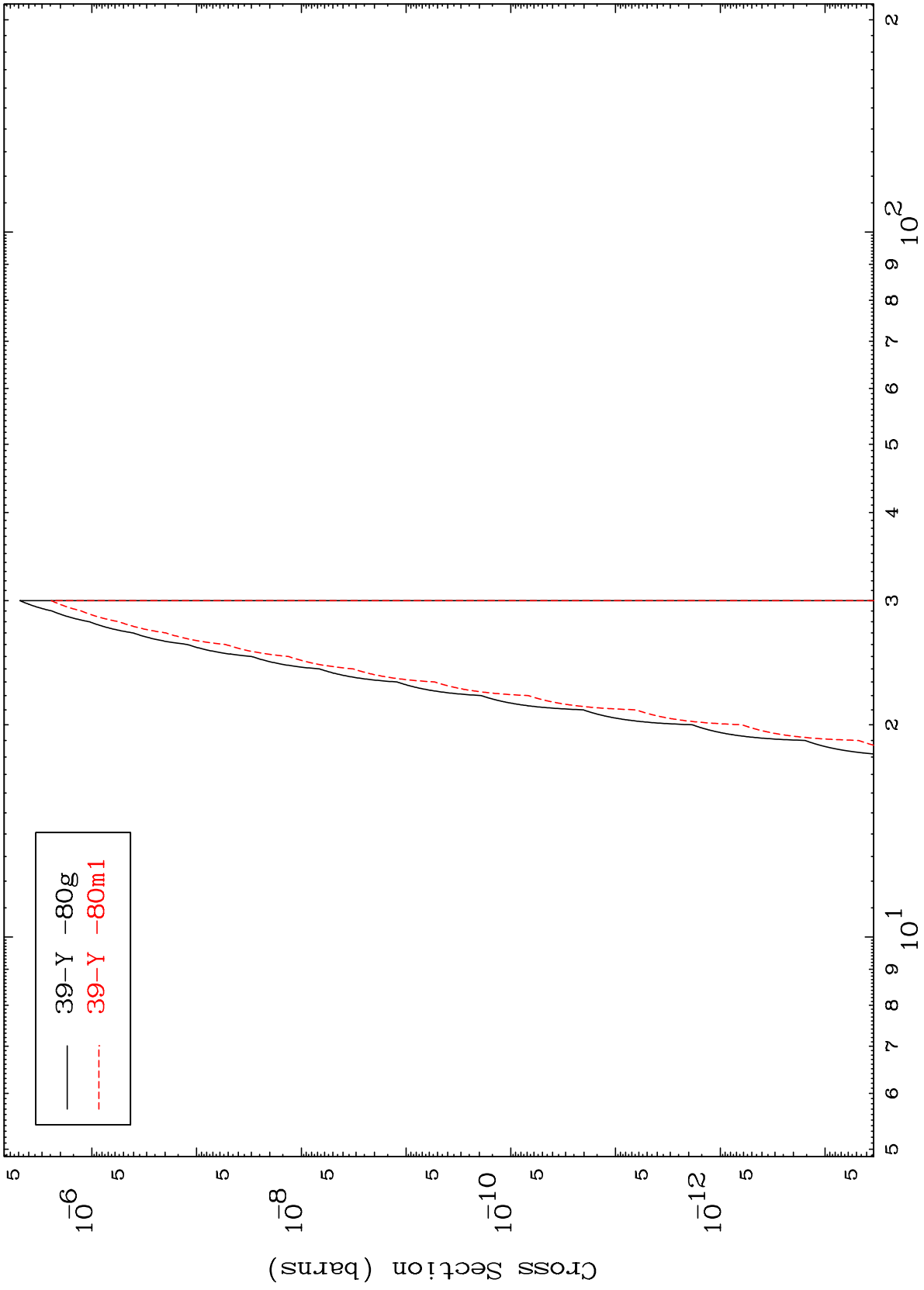


— 43-Tc-88g
- - - 43-Tc-88m1

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43-Tc-88

(n,n') 2 α
Radionuclide Production Cross Section



17

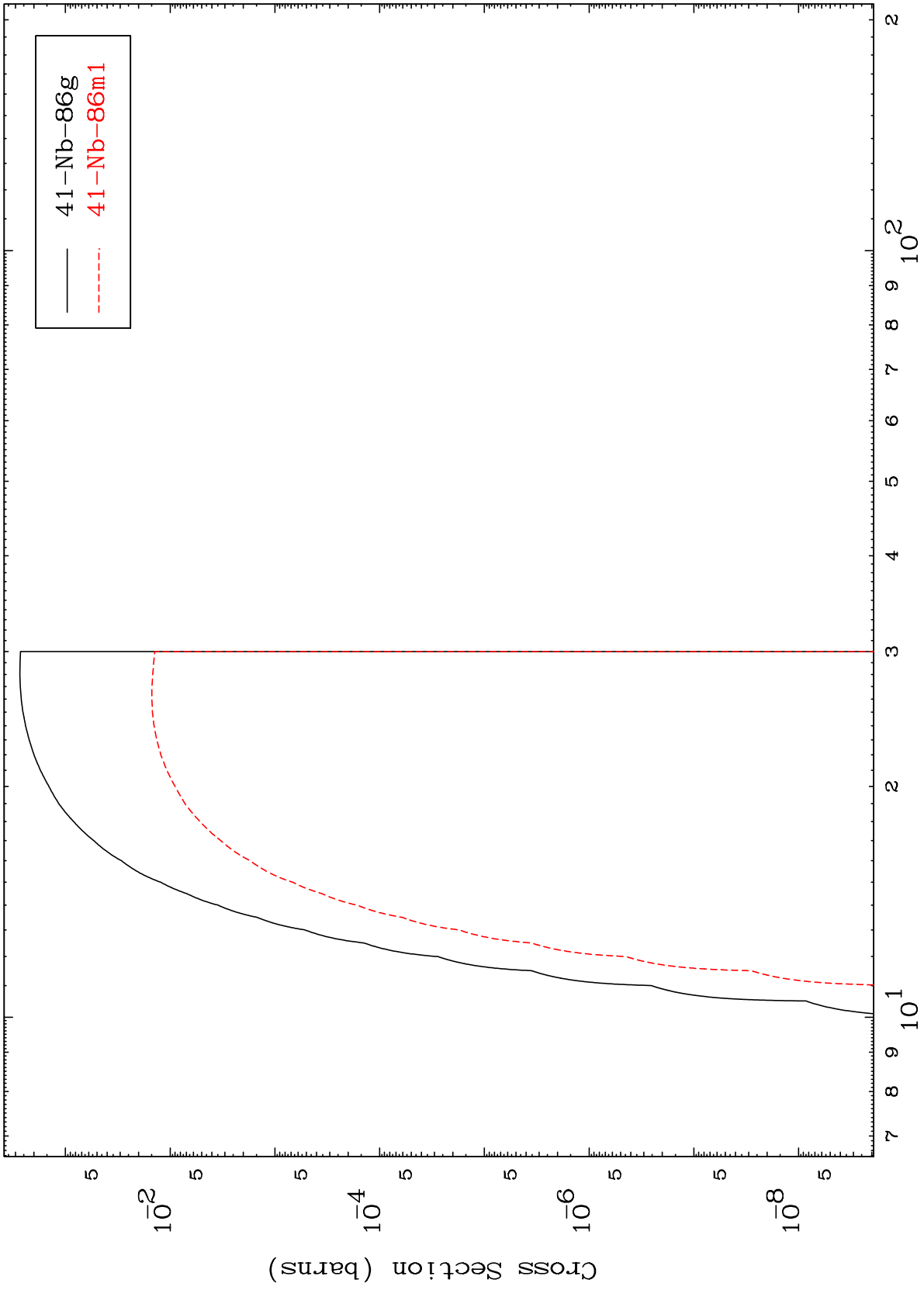
43-Tc-88

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(n,2n) p

43-Tc-88

Radionuclide Production Cross Section



18

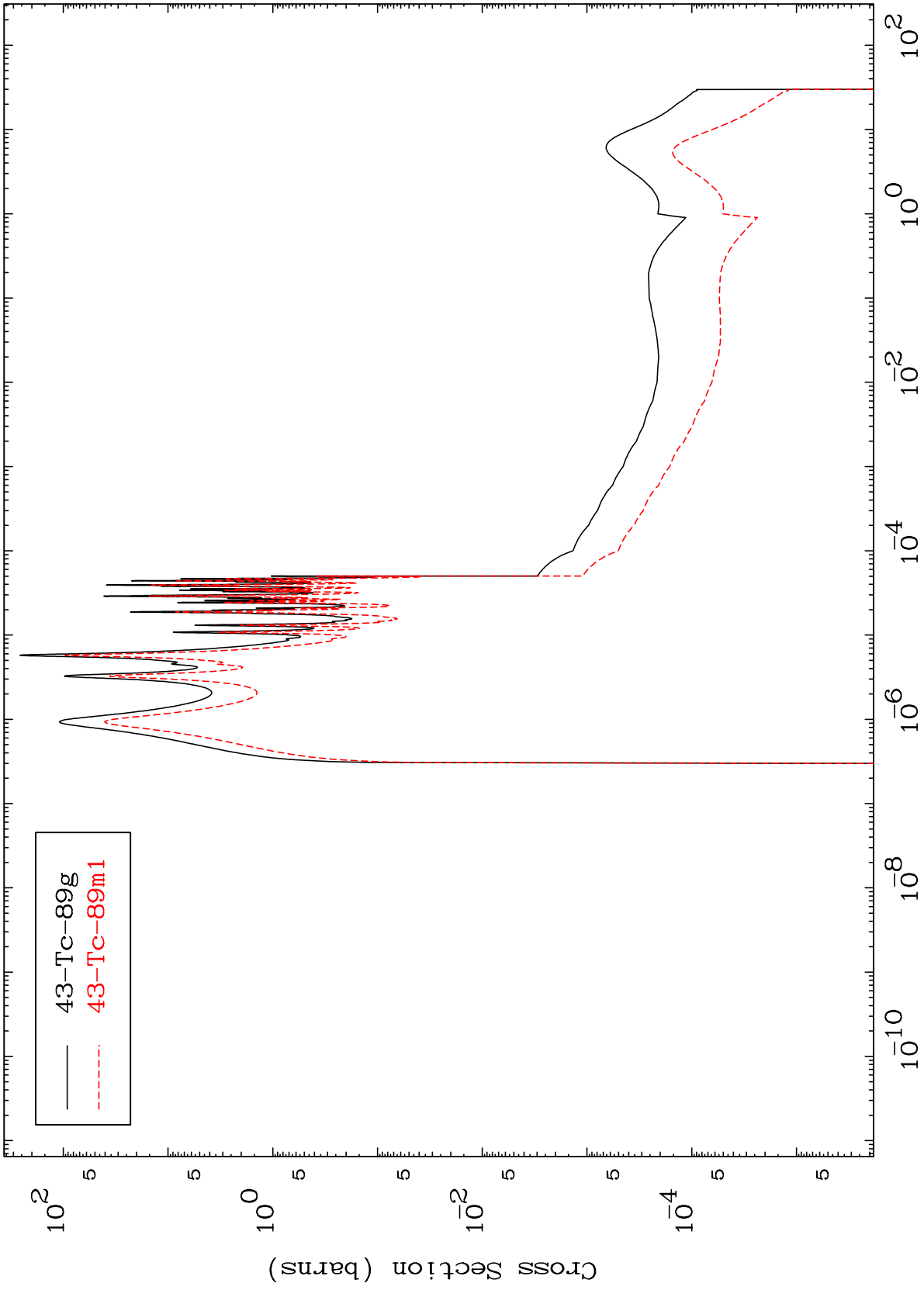
Incident Energy (MeV)

43-Tc-88

MAT 4293

43-Tc-88

Radionuclide Production Cross Section (n,γ)

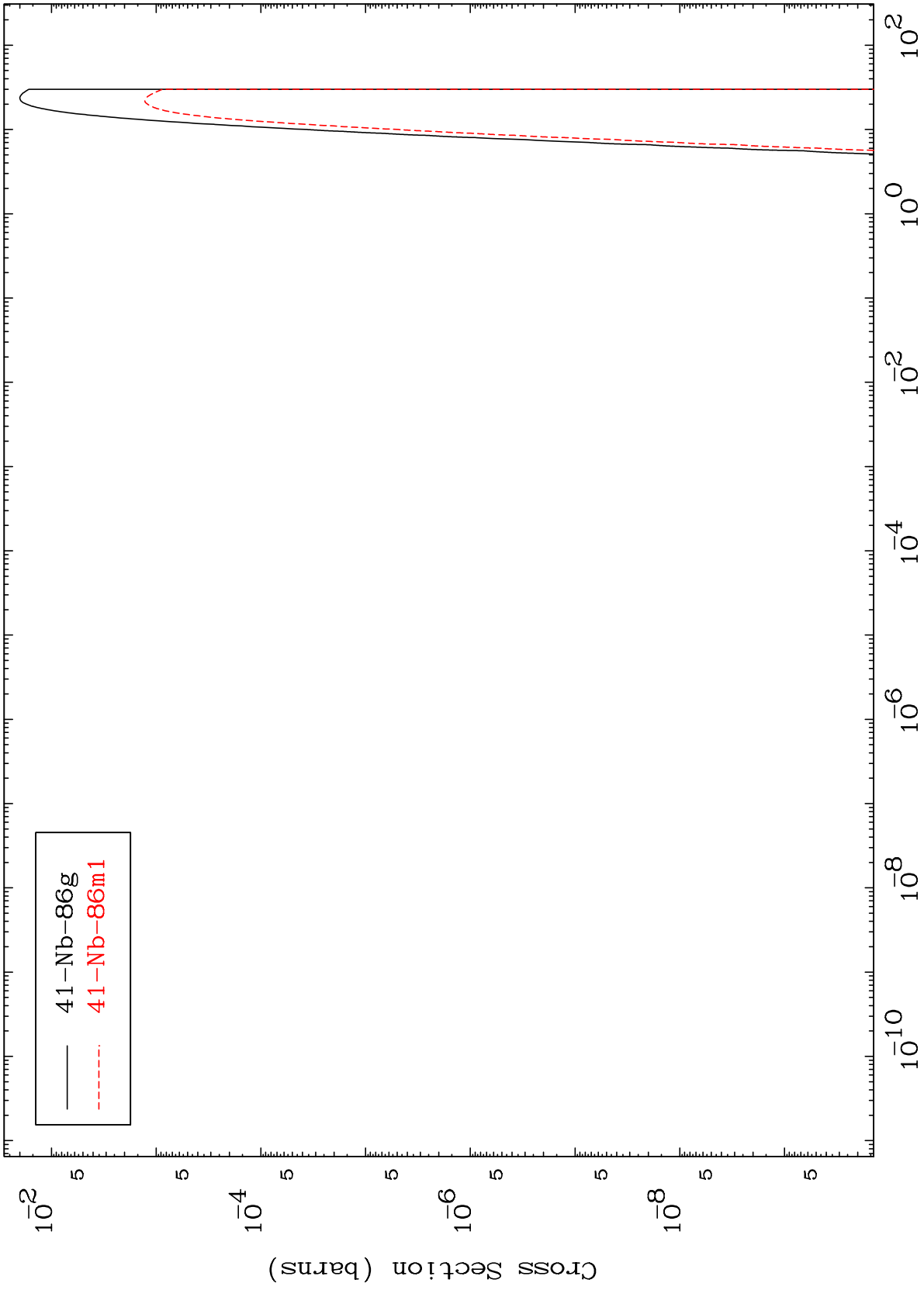


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(n, He-3)

43-Tc-88

Radionuclide Production Cross Section



20

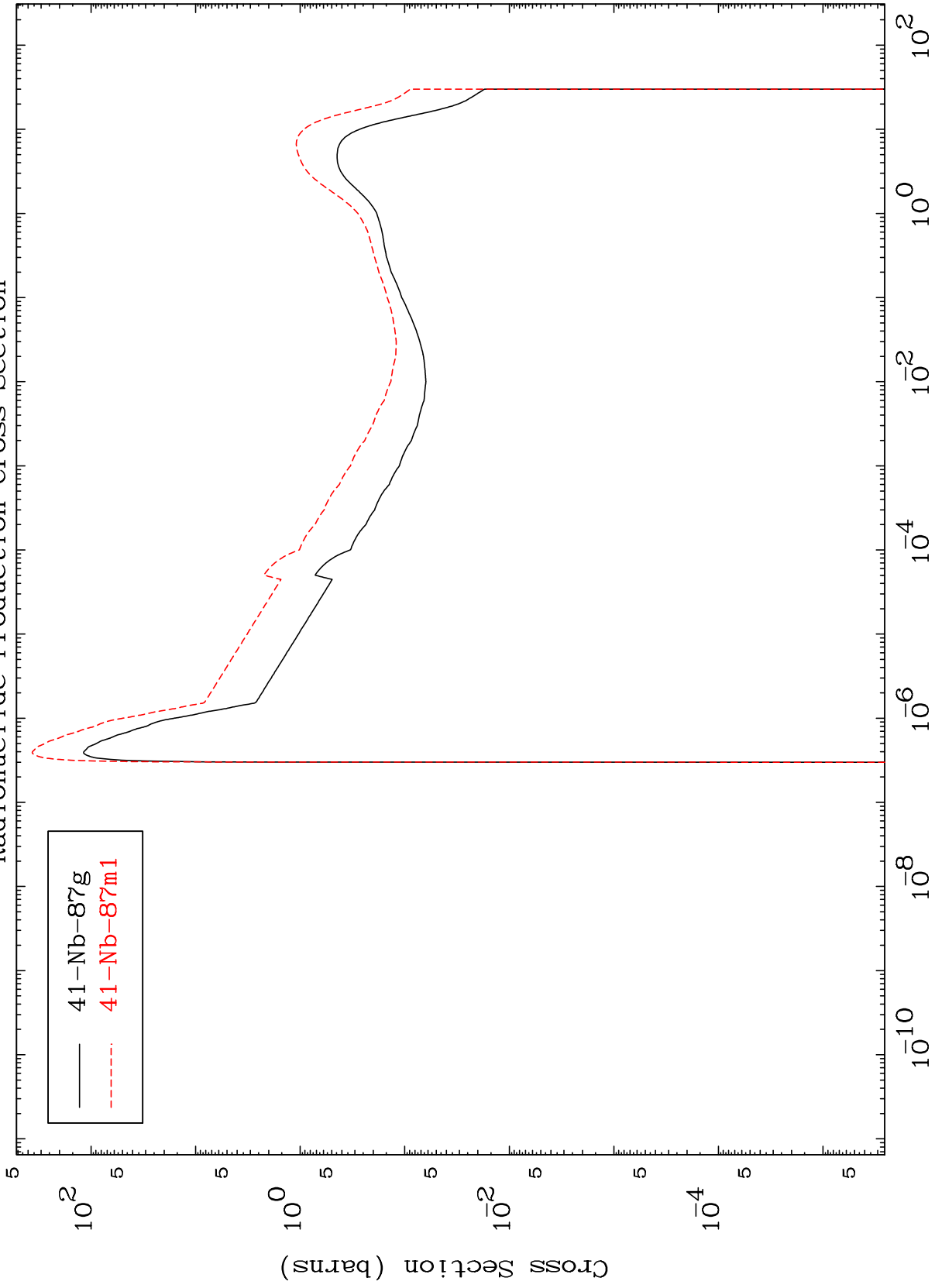
Incident Energy (MeV)

43-Tc-88

MAT 4293

43-Tc-88

(n,2p)
Radionuclide Production Cross Section



— 41-Nb-87g
- - - 41-Nb-87m1

21

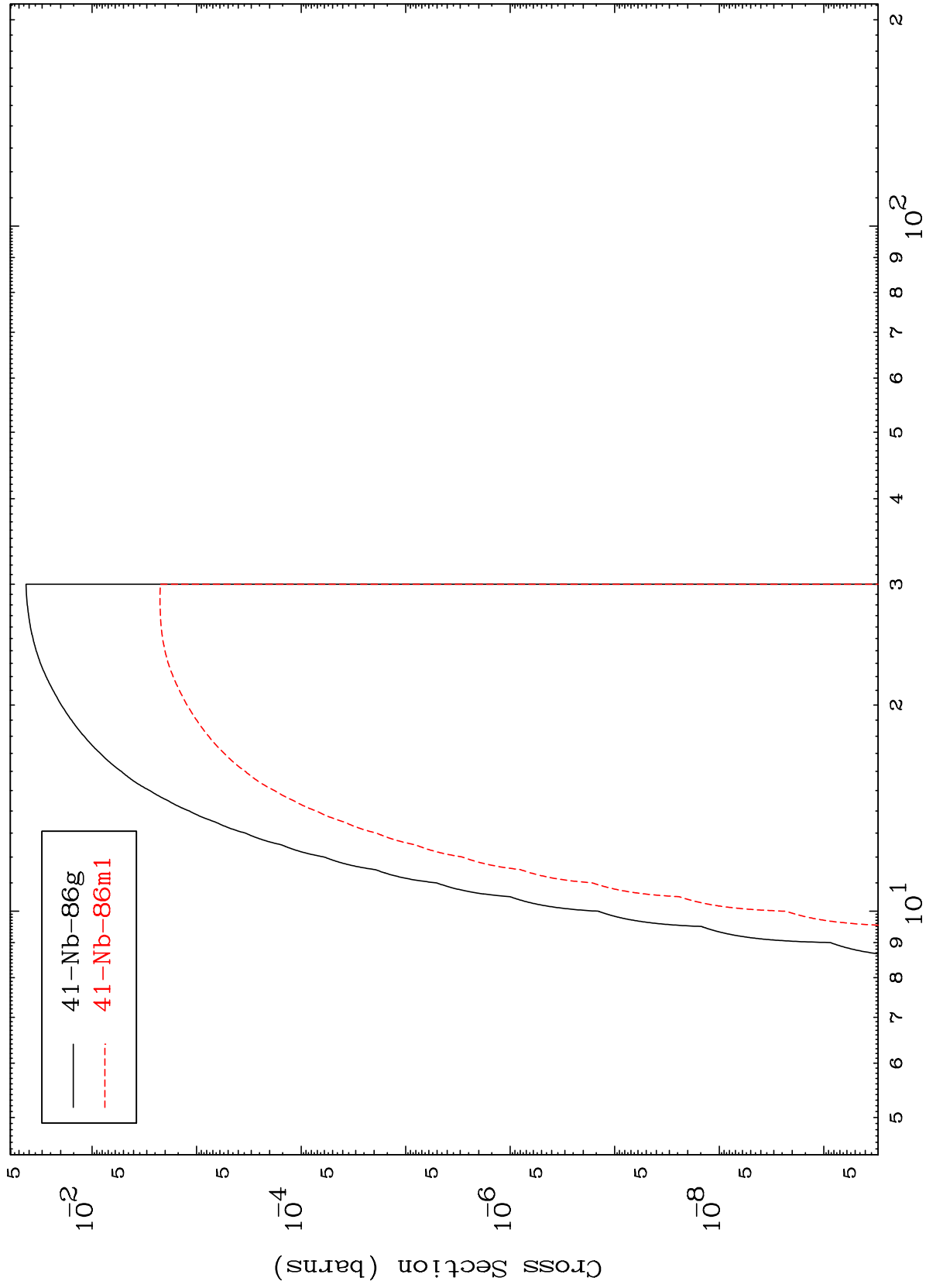
43-Tc-88

MAT 4293

(n,p) d

43-Tc-88

Radionuclide Production Cross Section



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43-Tc-88