

Program EVALPLOT
(Version 2017-1)

by

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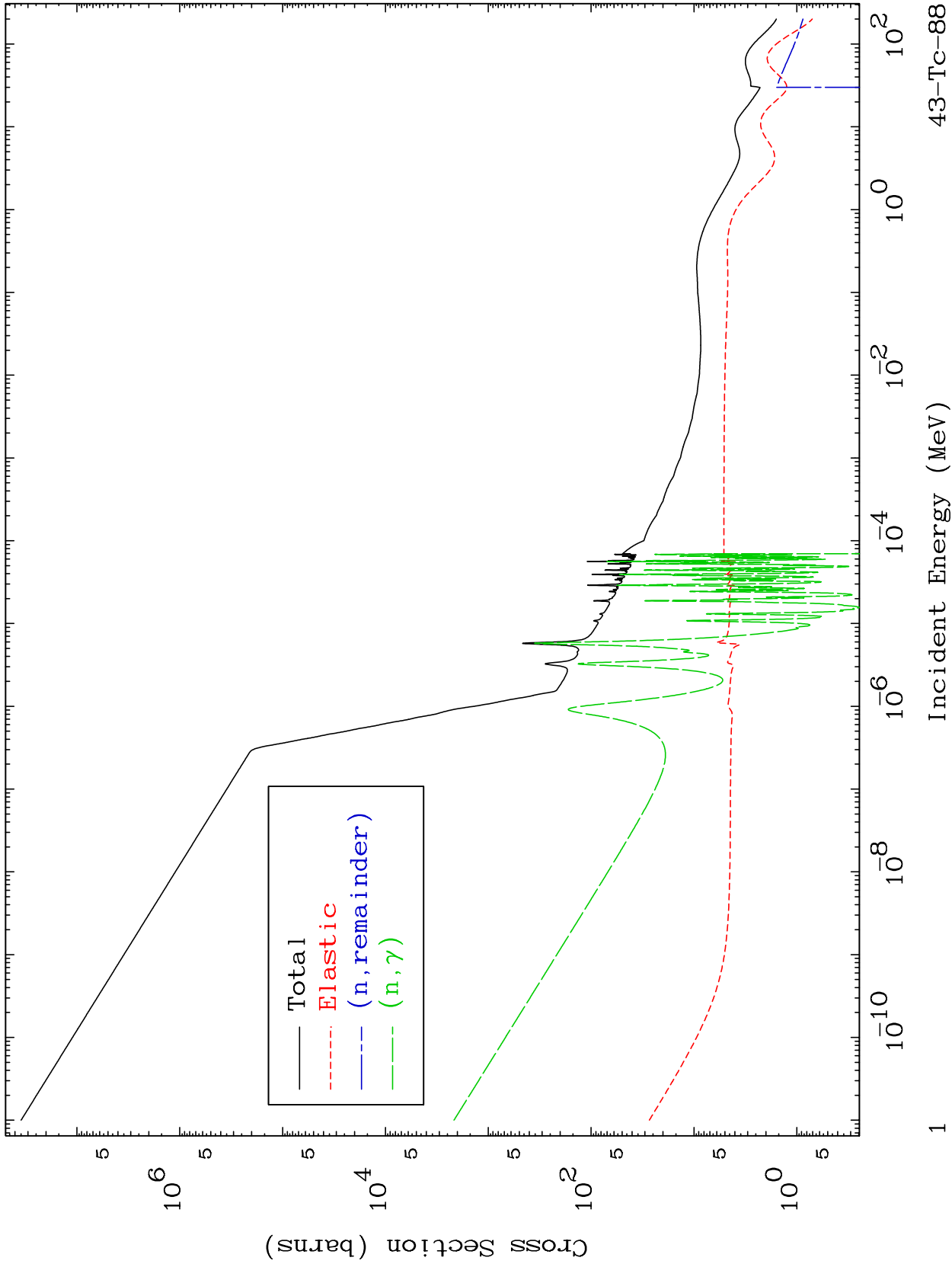
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4293

Major
293 Kelvin Cross Sections

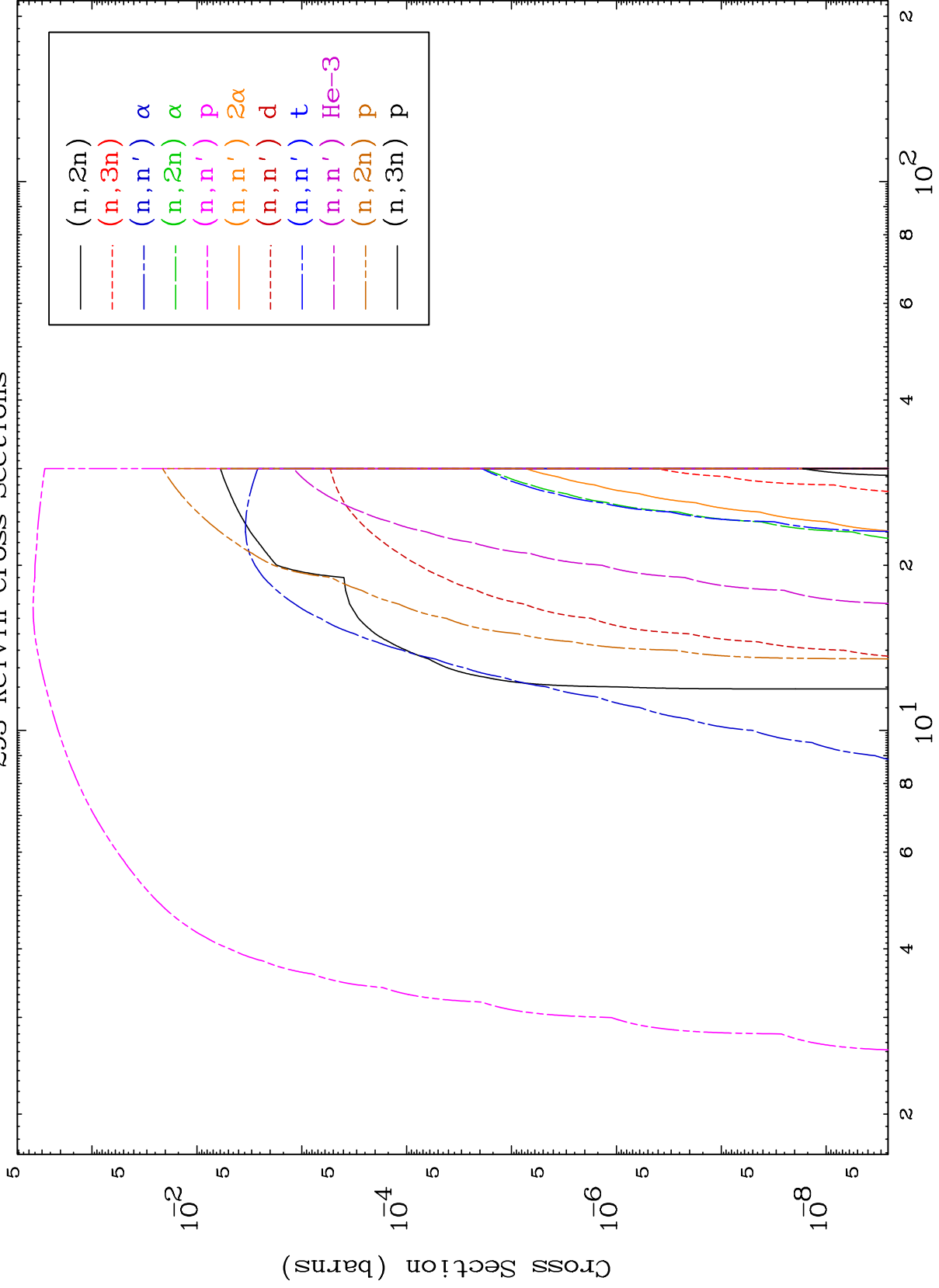
43-Tc-88



MAT 4293

Neutron Production
293 Kelvin Cross Sections

43-Tc-88



2

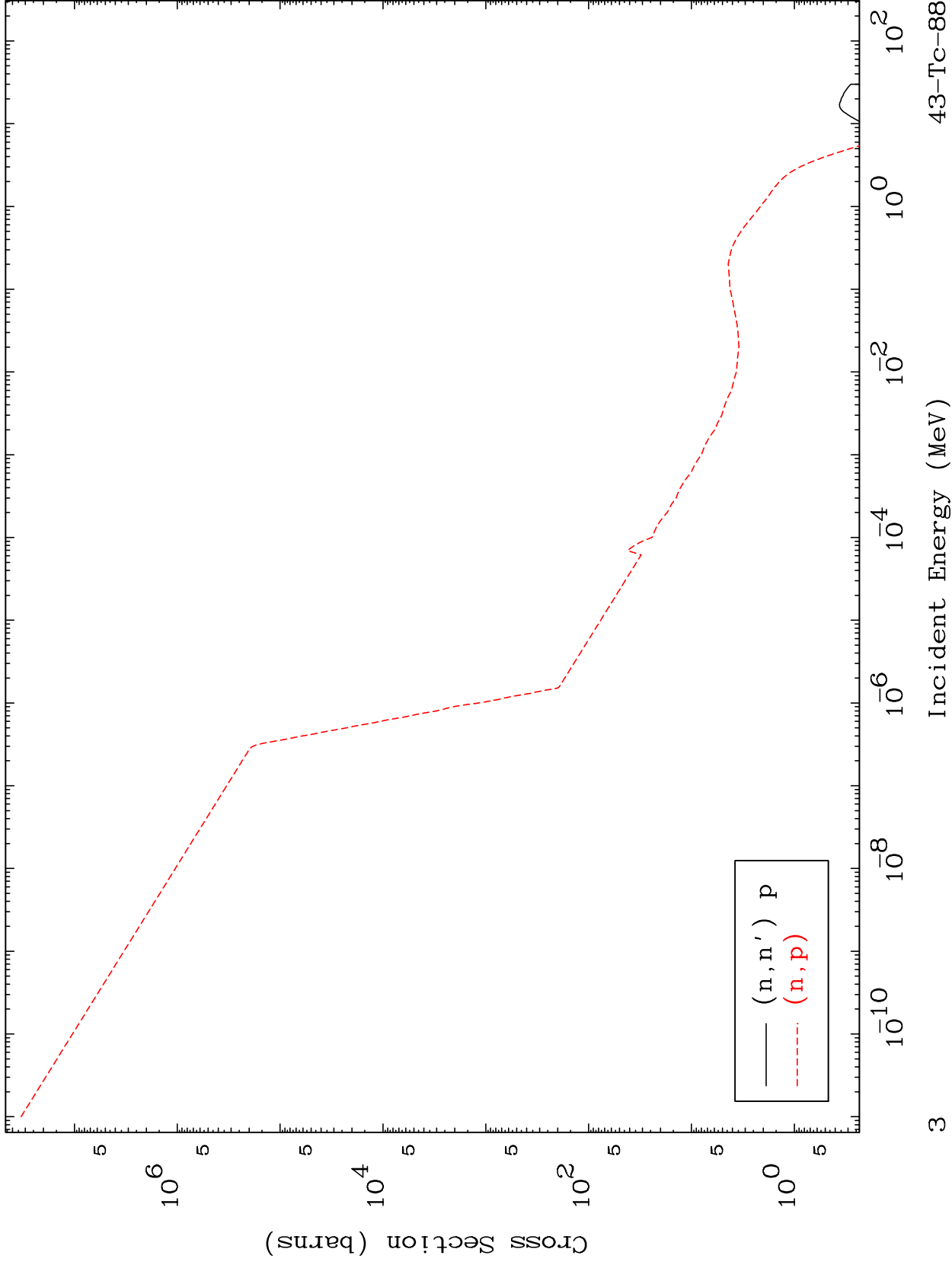
Incident Energy (MeV)

43-Tc-88

MAT 4293

Charged Particle
293 Kelvin Cross Sections

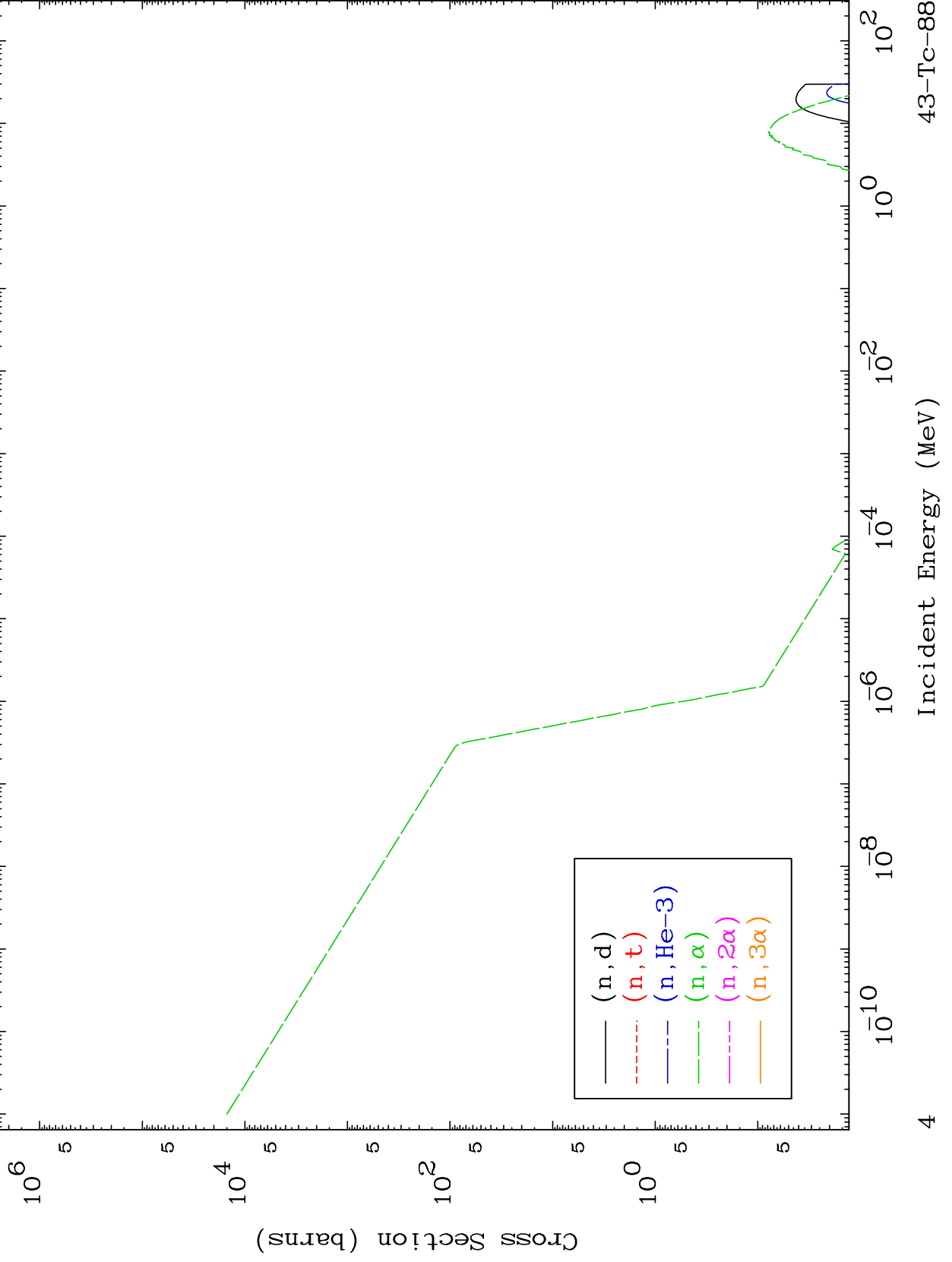
43-Tc-88



MAT 4293

Charged Particle
293 Kelvin Cross Sections

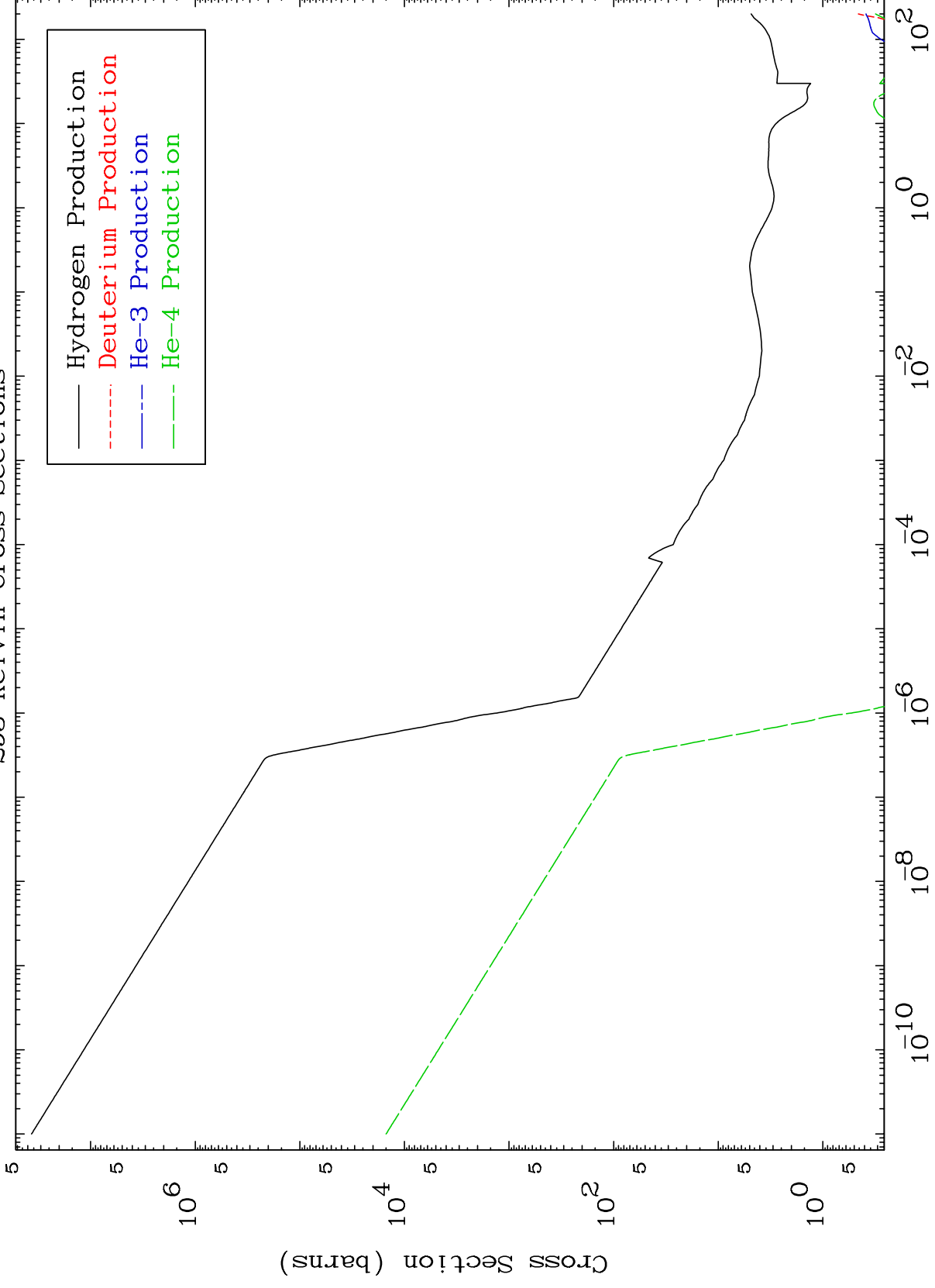
43-Tc-88



MAT 4293

Particle Production
293 Kelvin Cross Sections

43-Tc-88



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Incident Energy (MeV)

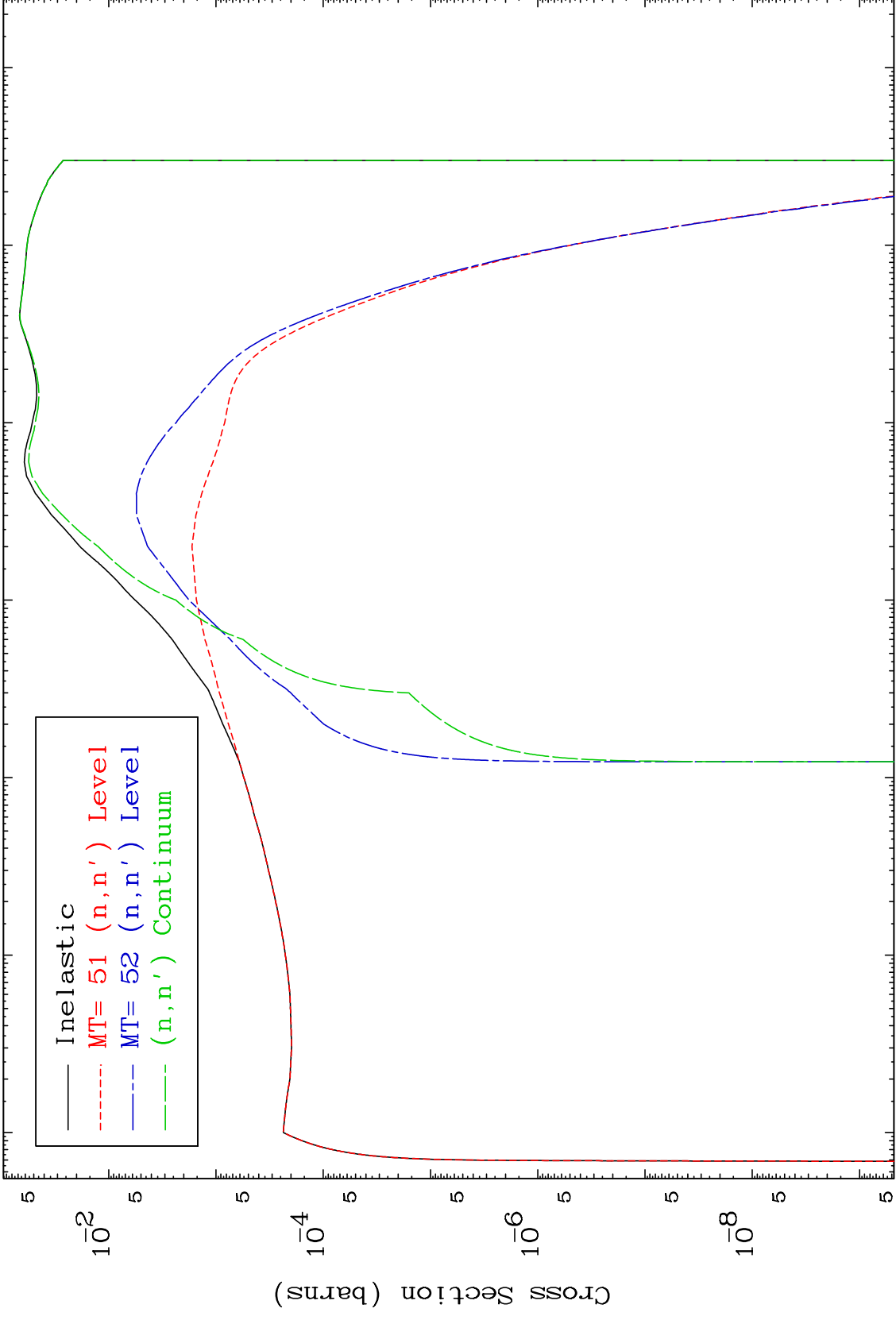
43-Tc-88

MAT 4293

(n,n') Level

43-Tc-88

293 Kelvin Cross Sections



— Inelastic
- · - MT= 51 (n,n') Level
- - - MT= 52 (n,n') Level
- - - (n,n') Continuum

6

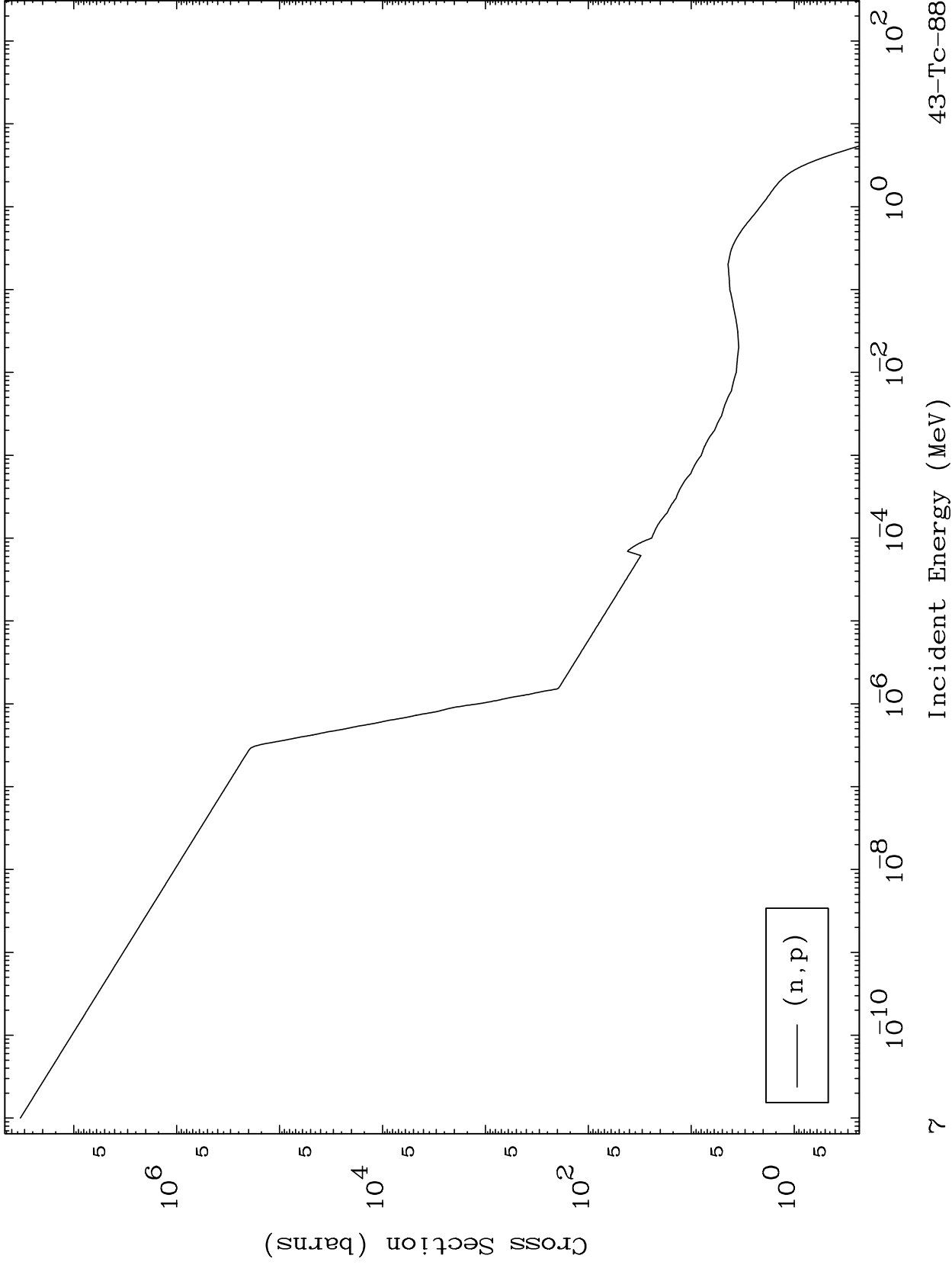
Incident Energy (MeV)

43-Tc-88

MAT 4293

(n,p) Levels
293 Kelvin Cross Sections

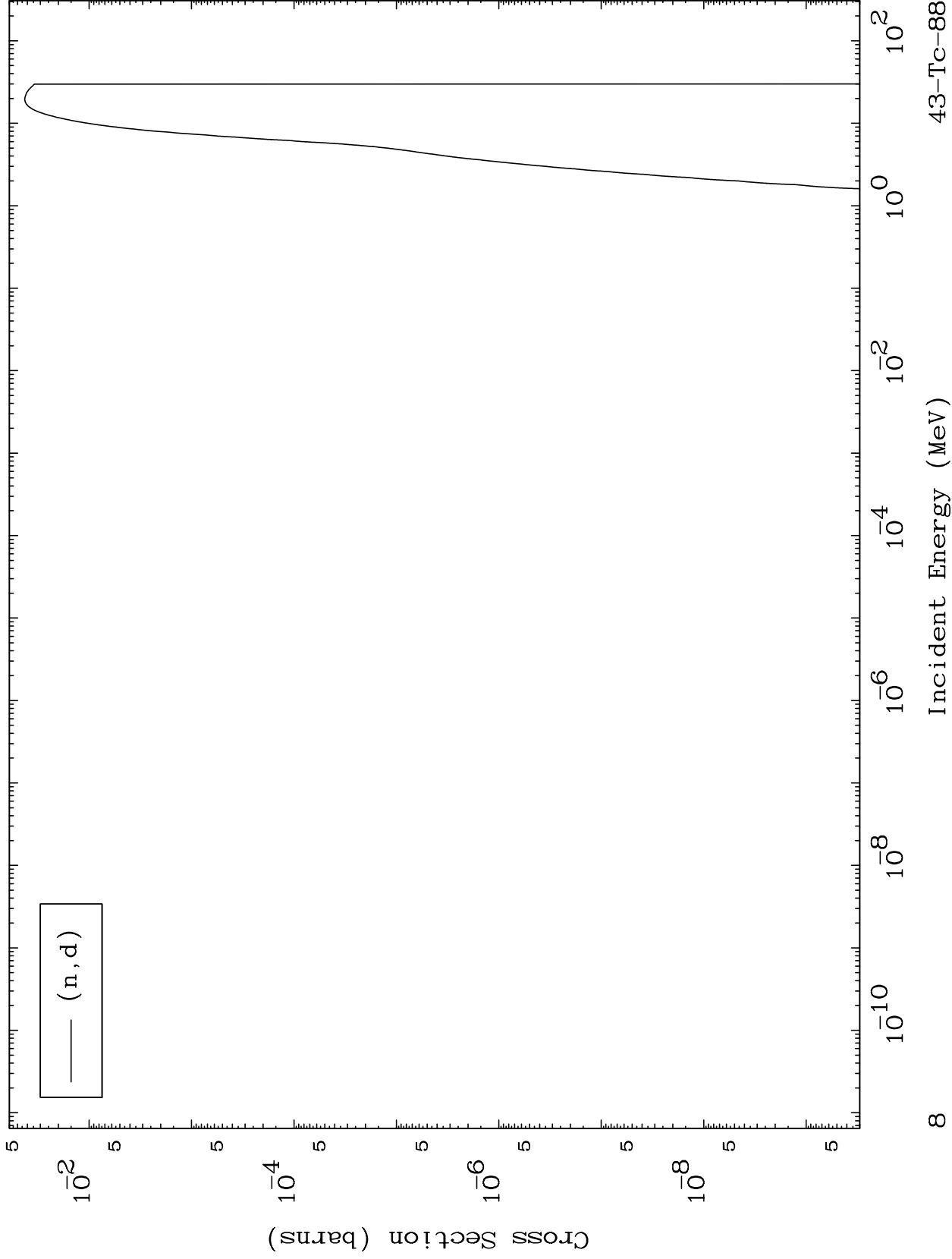
43-Tc-88



MAT 4293

(n,d) Levels
293 Kelvin Cross Sections

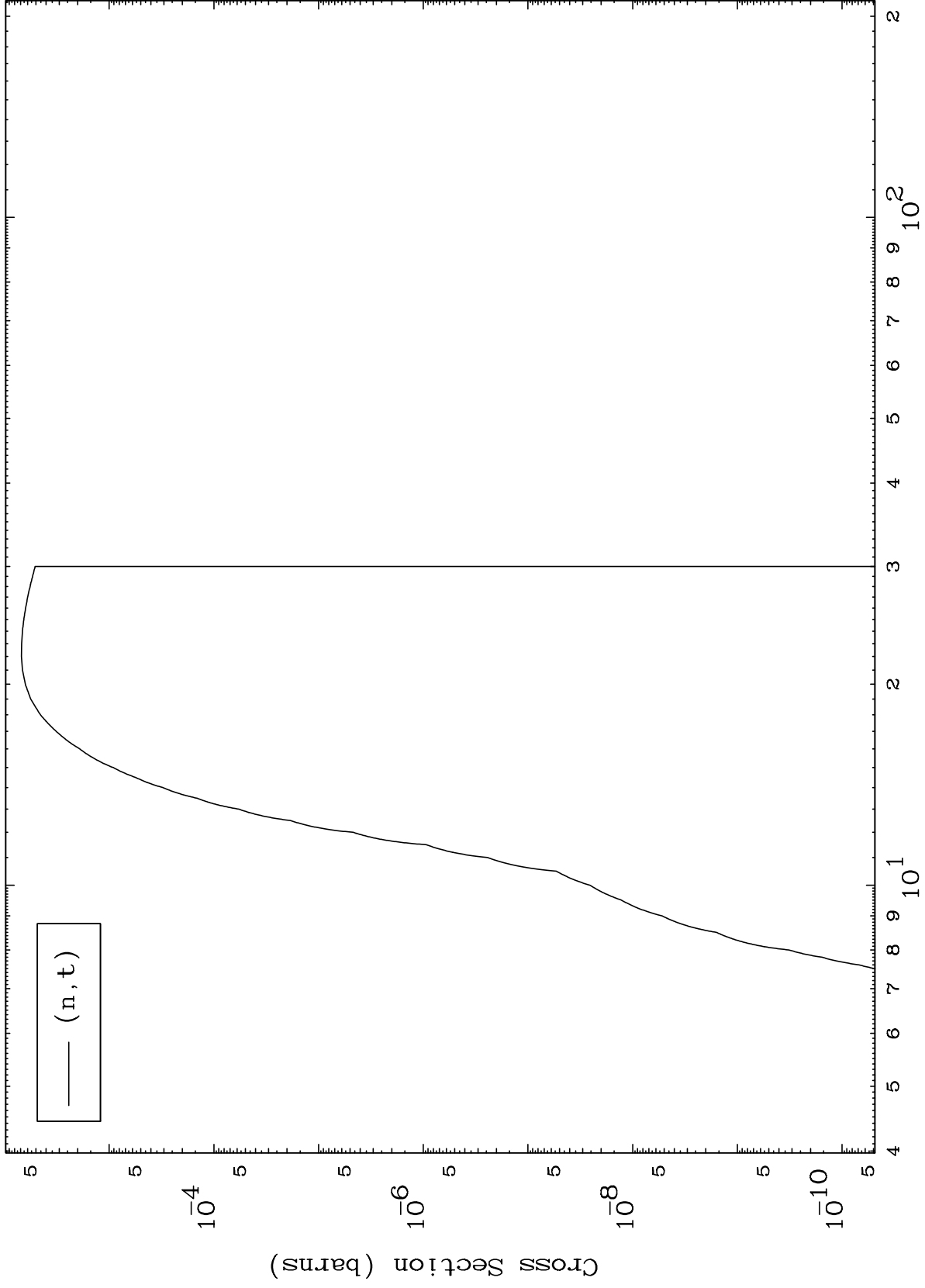
43-Tc-88



MAT 4293

(n,t) Levels
293 Kelvin Cross Sections

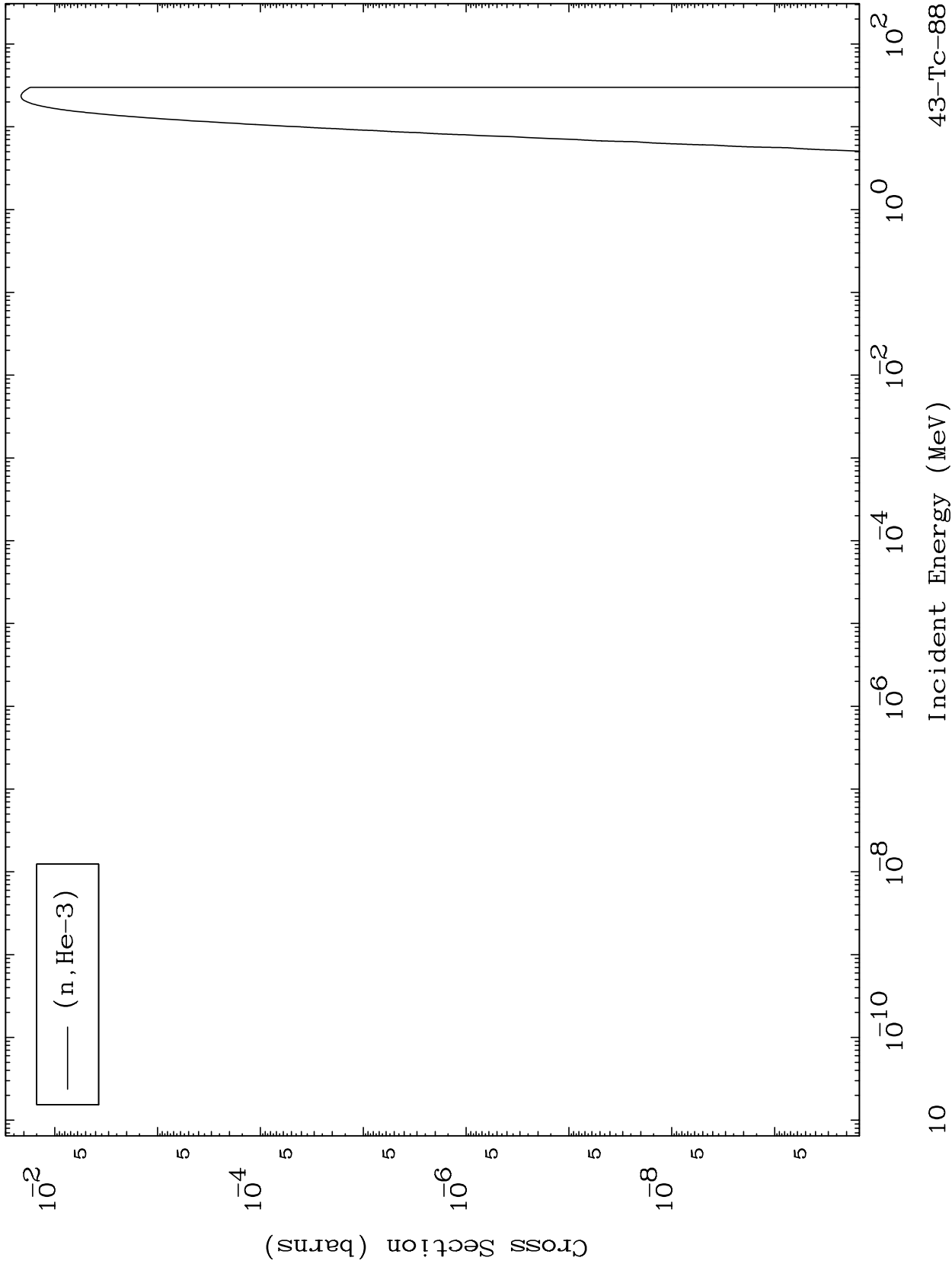
43-Tc-88



MAT 4293

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-88



10

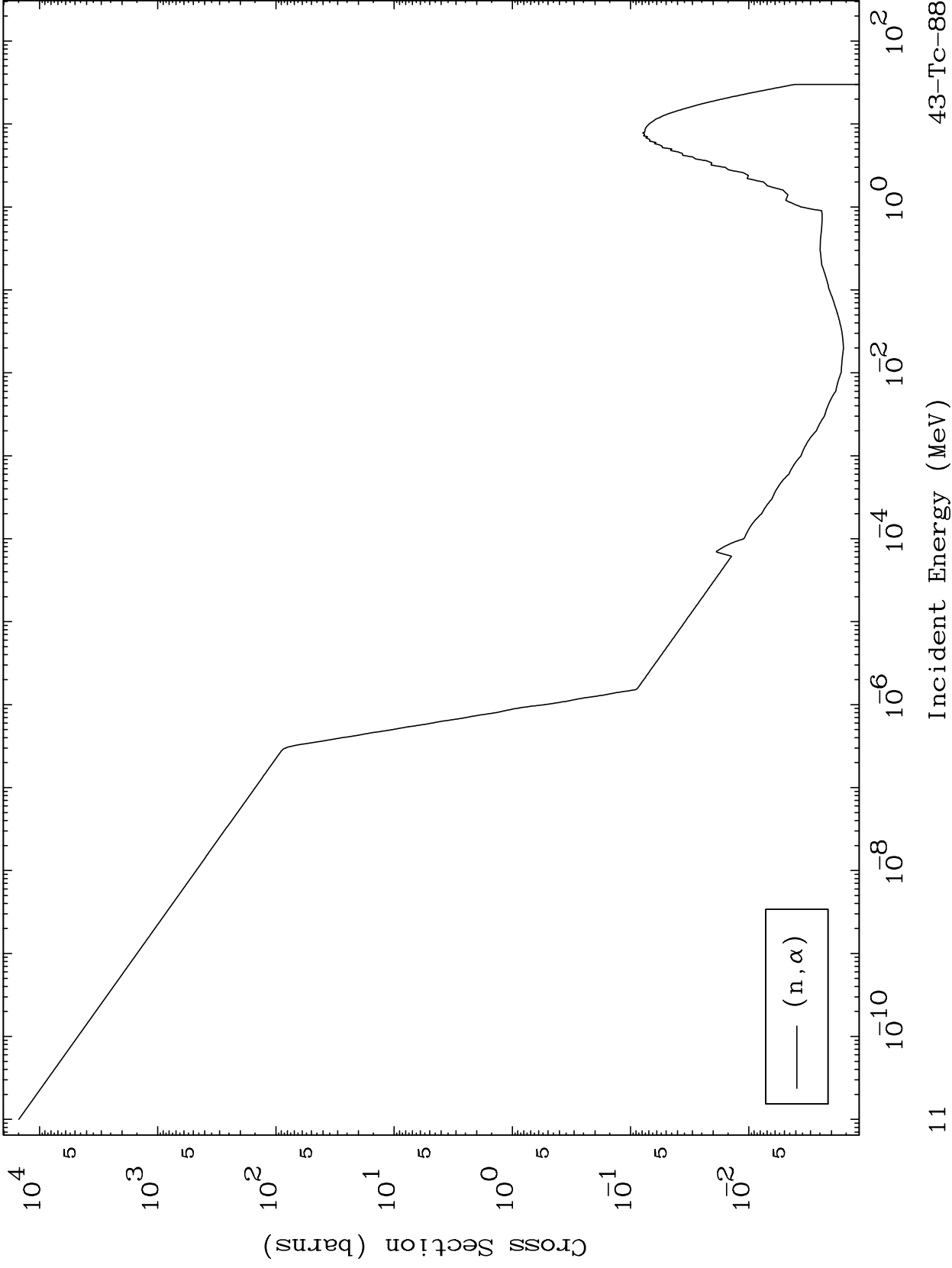
Incident Energy (MeV)

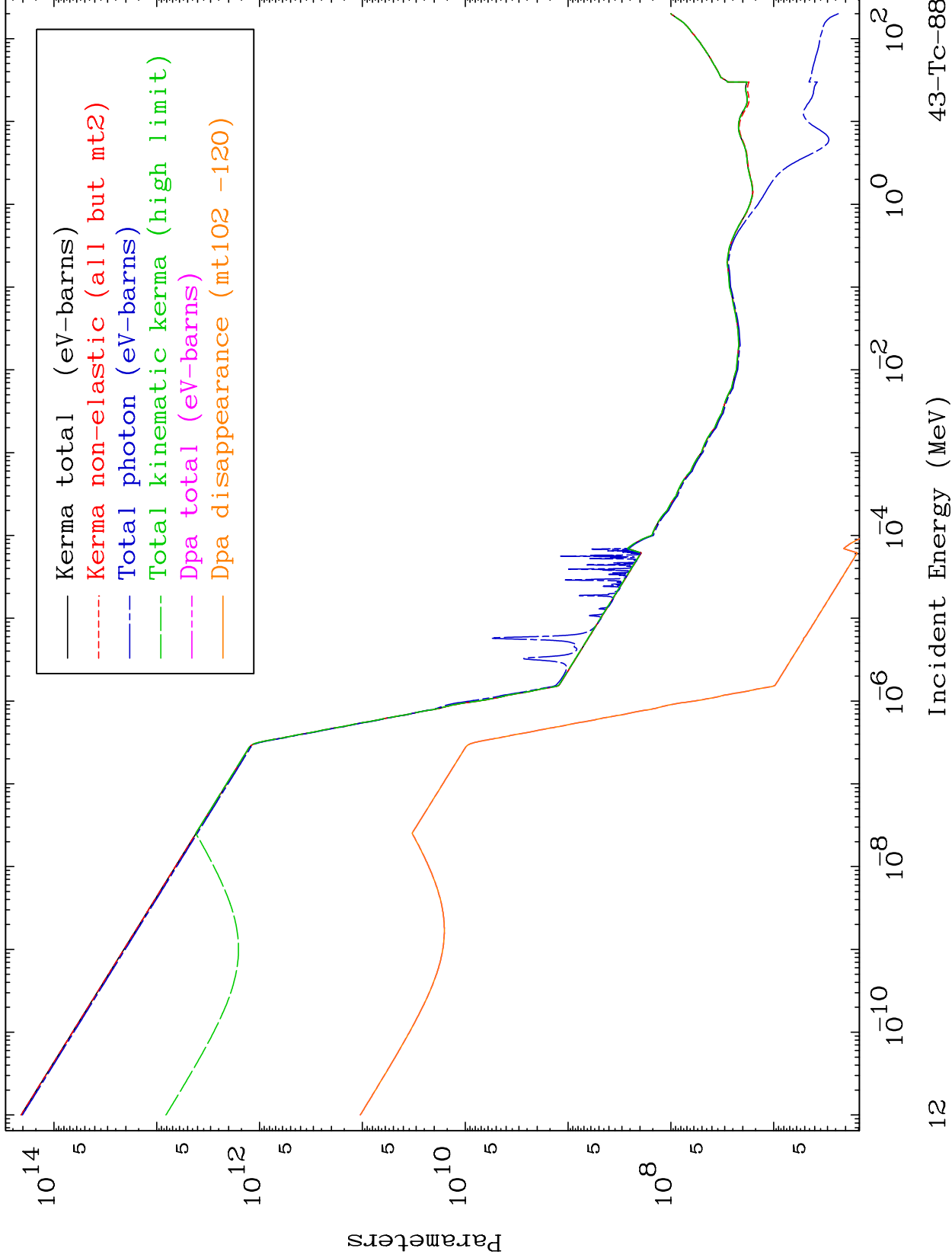
43-Tc-88

MAT 4293

(n,α) Levels
293 Kelvin Cross Sections

43-Tc-88





MAT 4293

Elastic Legendre Coefficients

43-Tc-88



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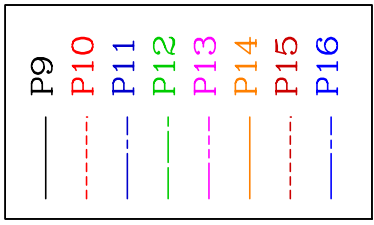
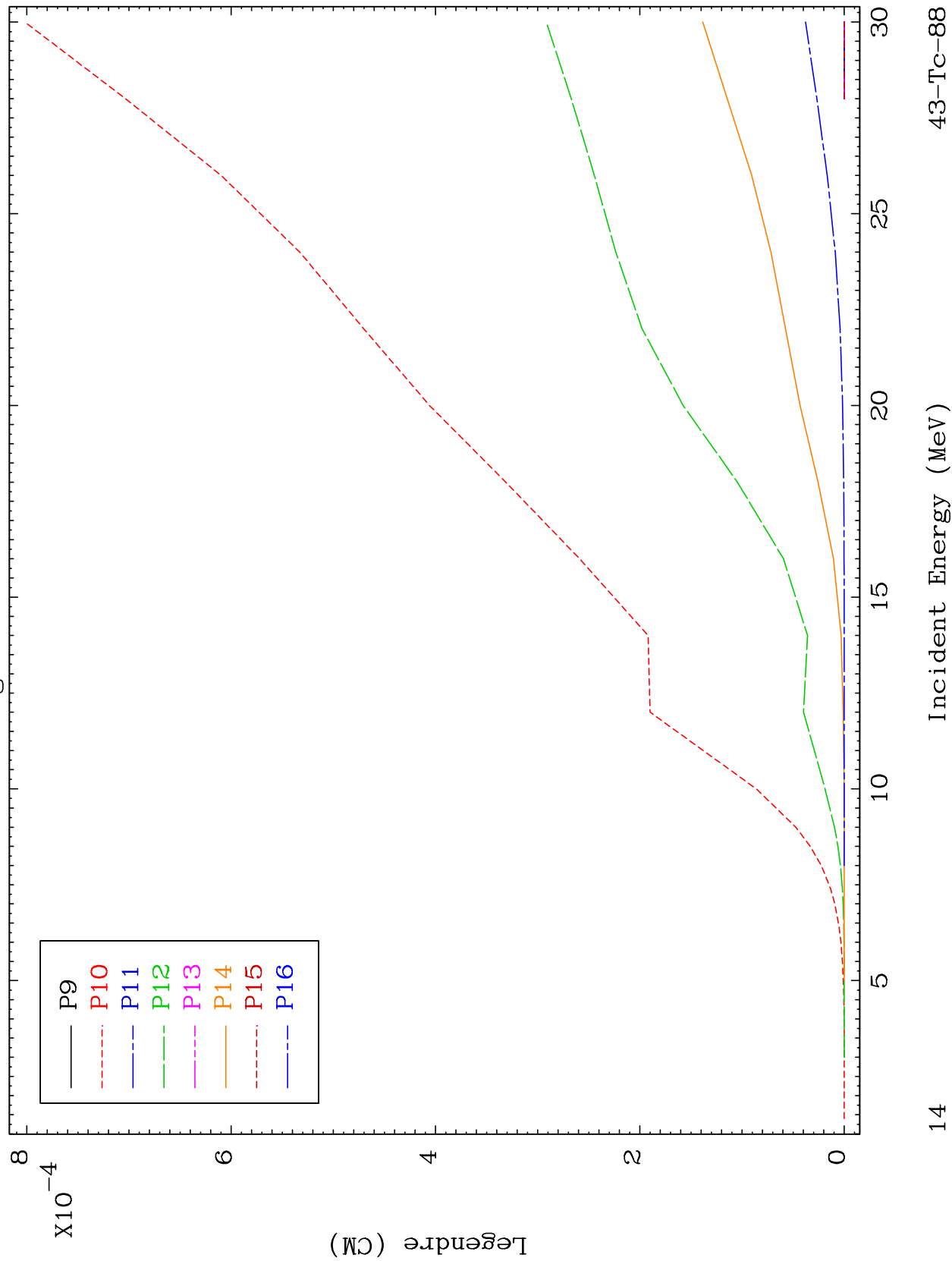
Incident Energy (MeV)

43-Tc-88

MAT 4293

Elastic Legendre Coefficients

43-Tc-88



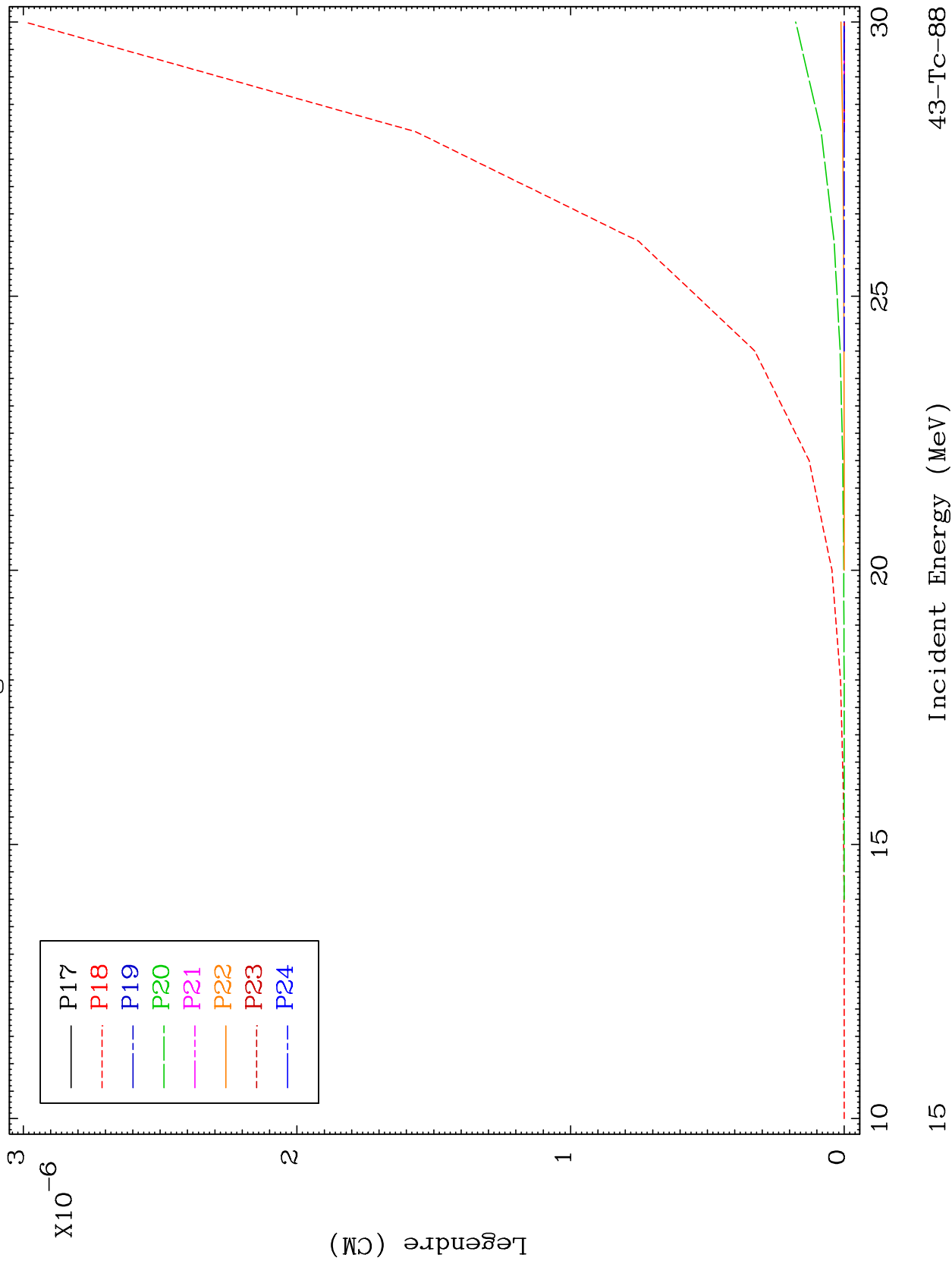
14

43-Tc-88

MAT 4293

Elastic
Legendre Coefficients

43-Tc-88



15

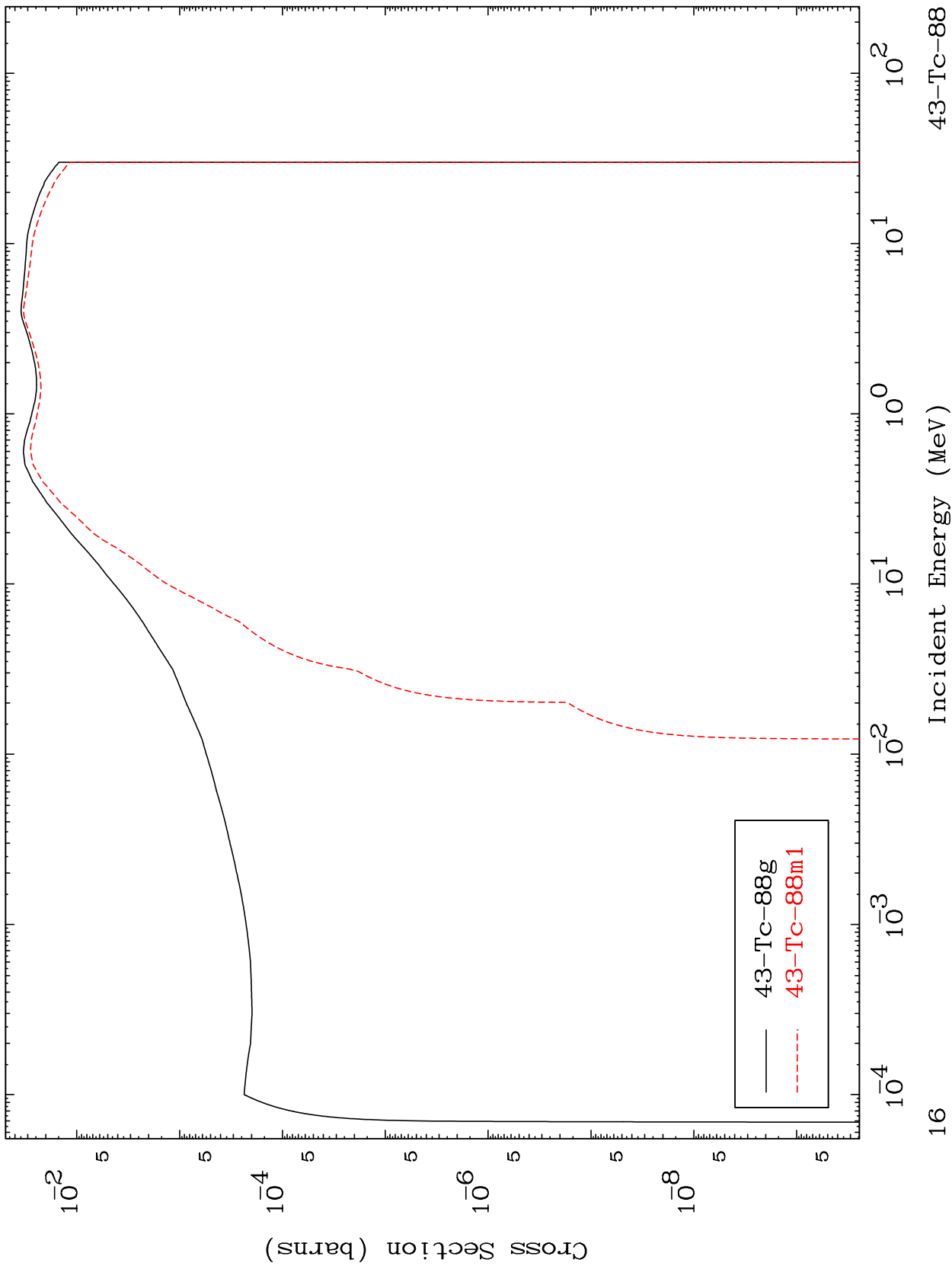
Incident Energy (MeV)

43-Tc-88

MAT 4293

43-Tc-88

Inelastic
Radionuclide Production Cross Section



43-Tc-88

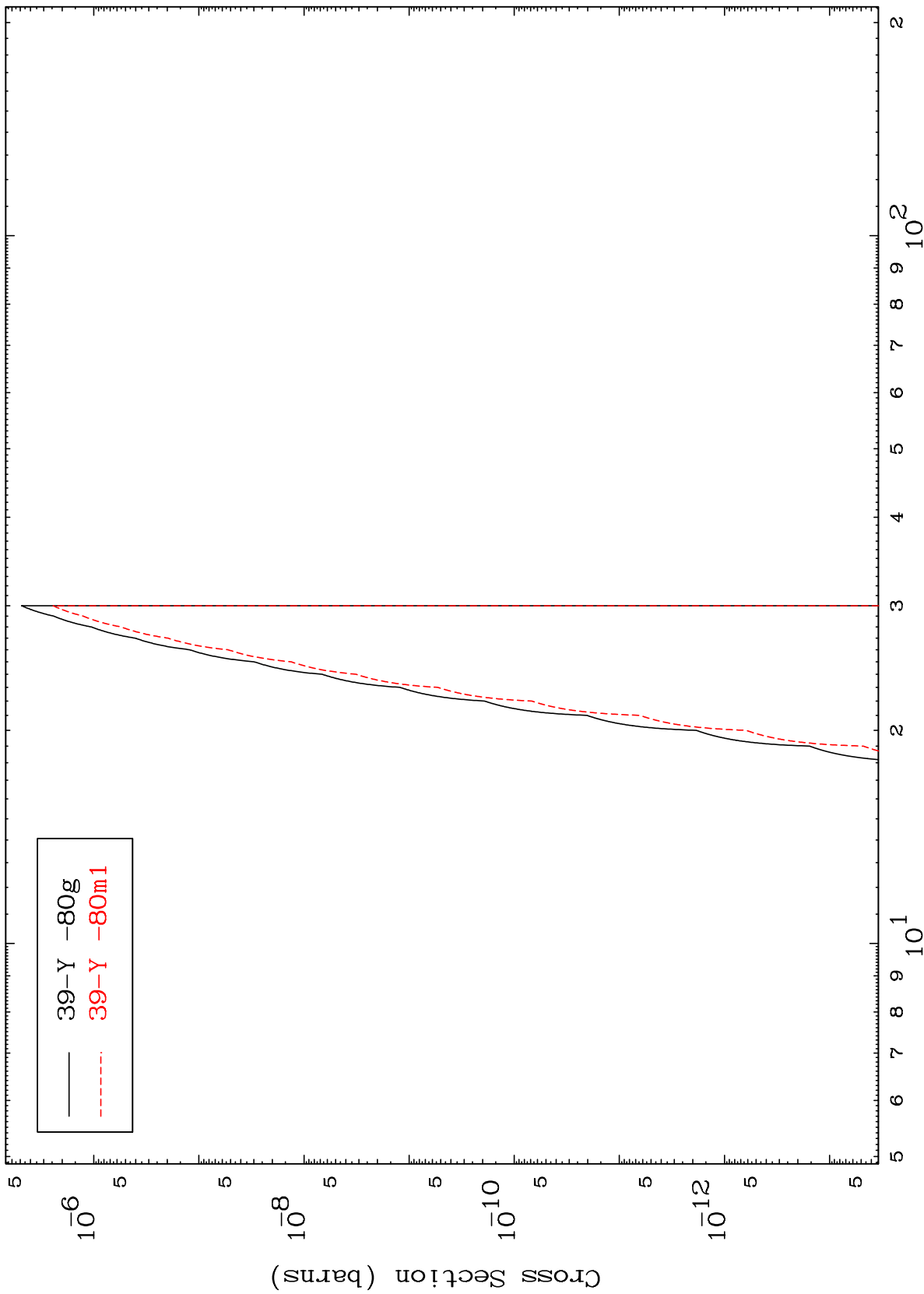
Incident Energy (MeV)

16

MAT 4293

43-Tc-88

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



43-Tc-88

Incident Energy (MeV)

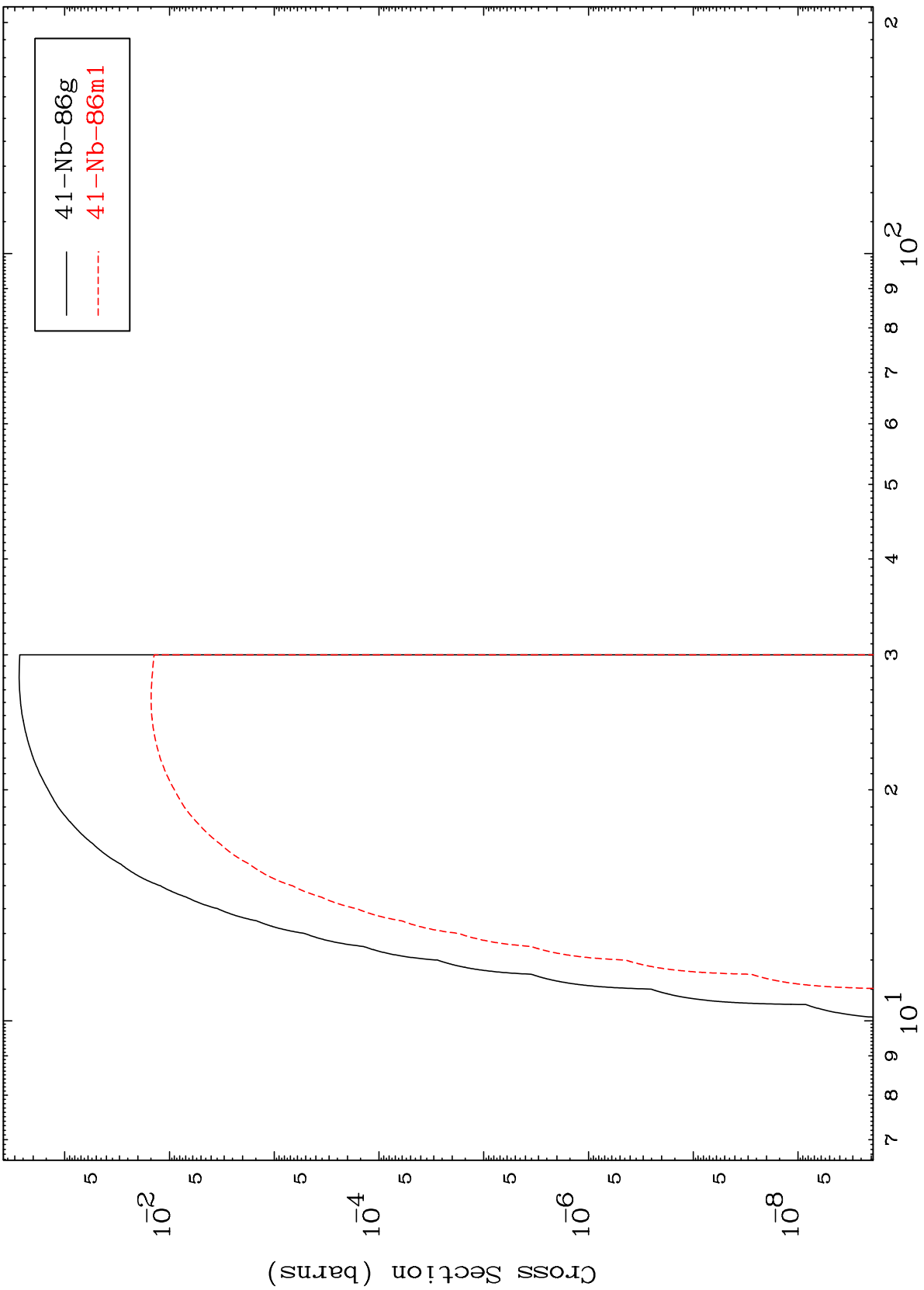
17

MAT 4293

(n,2n) p

43-Tc-88

Radionuclide Production Cross Section



18

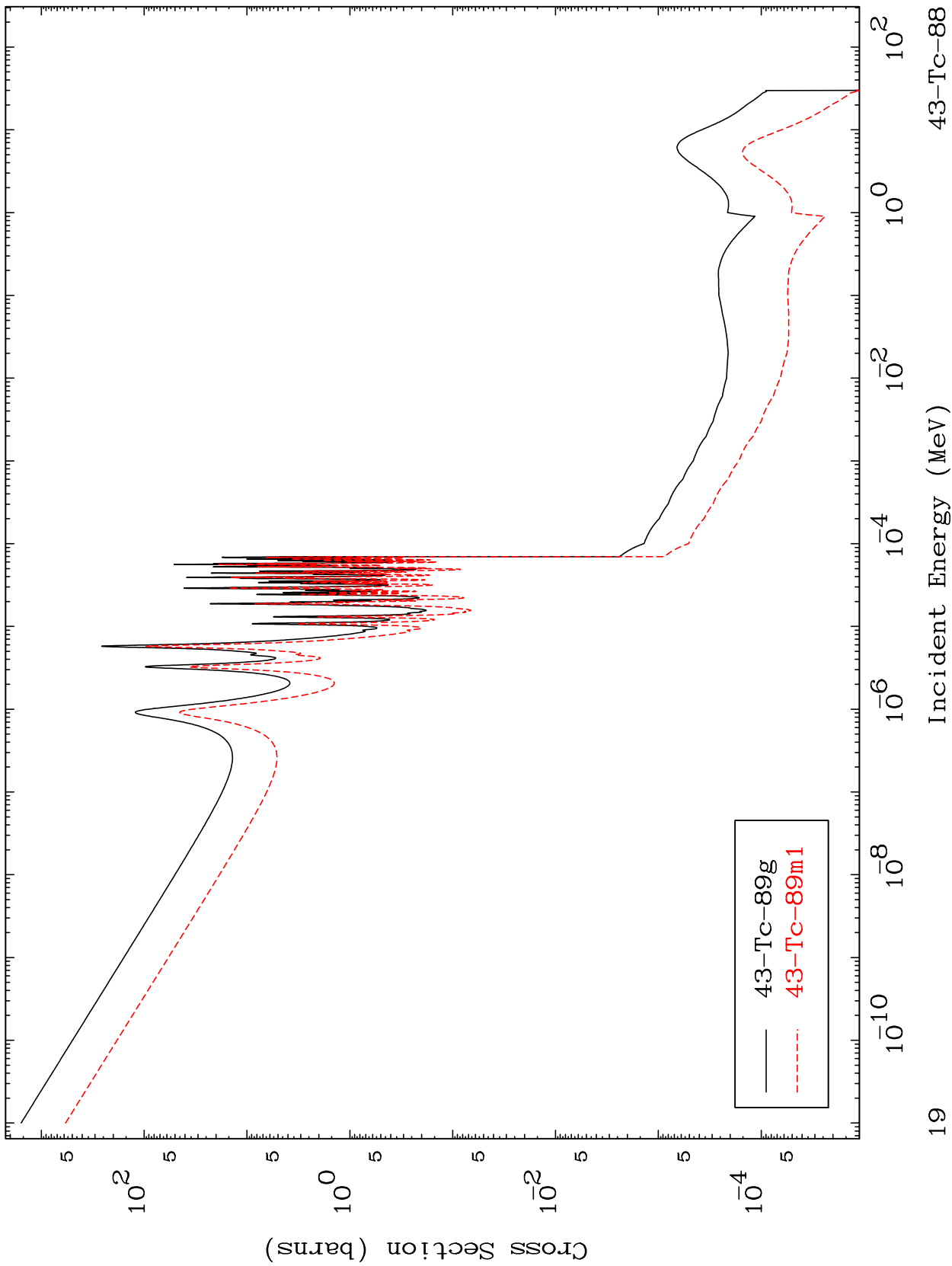
Incident Energy (MeV)

43-Tc-88

MAT 4293

43-Tc-88

(n, γ)
Radionuclide Production Cross Section

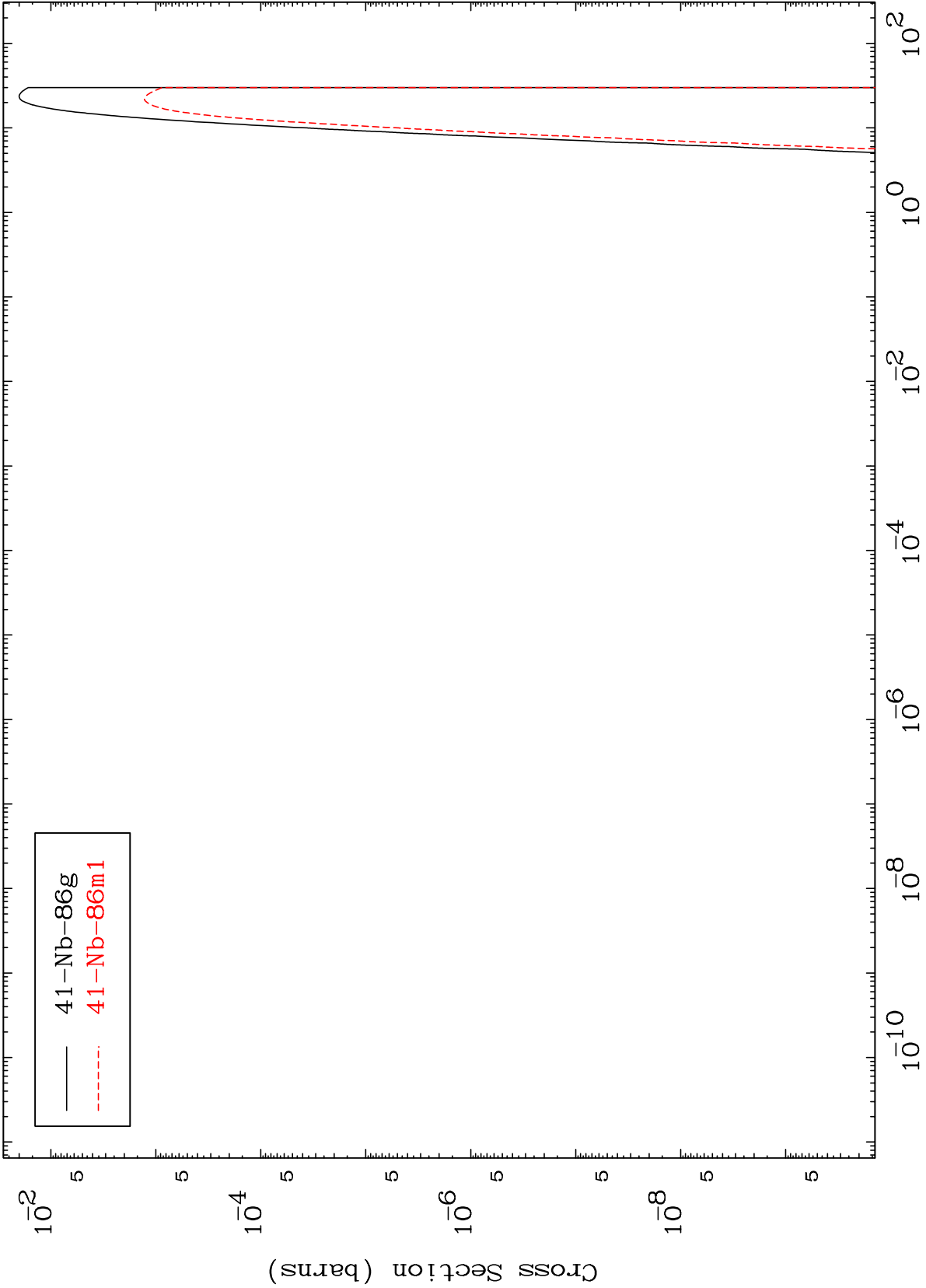


MAT 4293

(n,He-3)

43-Tc-88

Radionuclide Production Cross Section

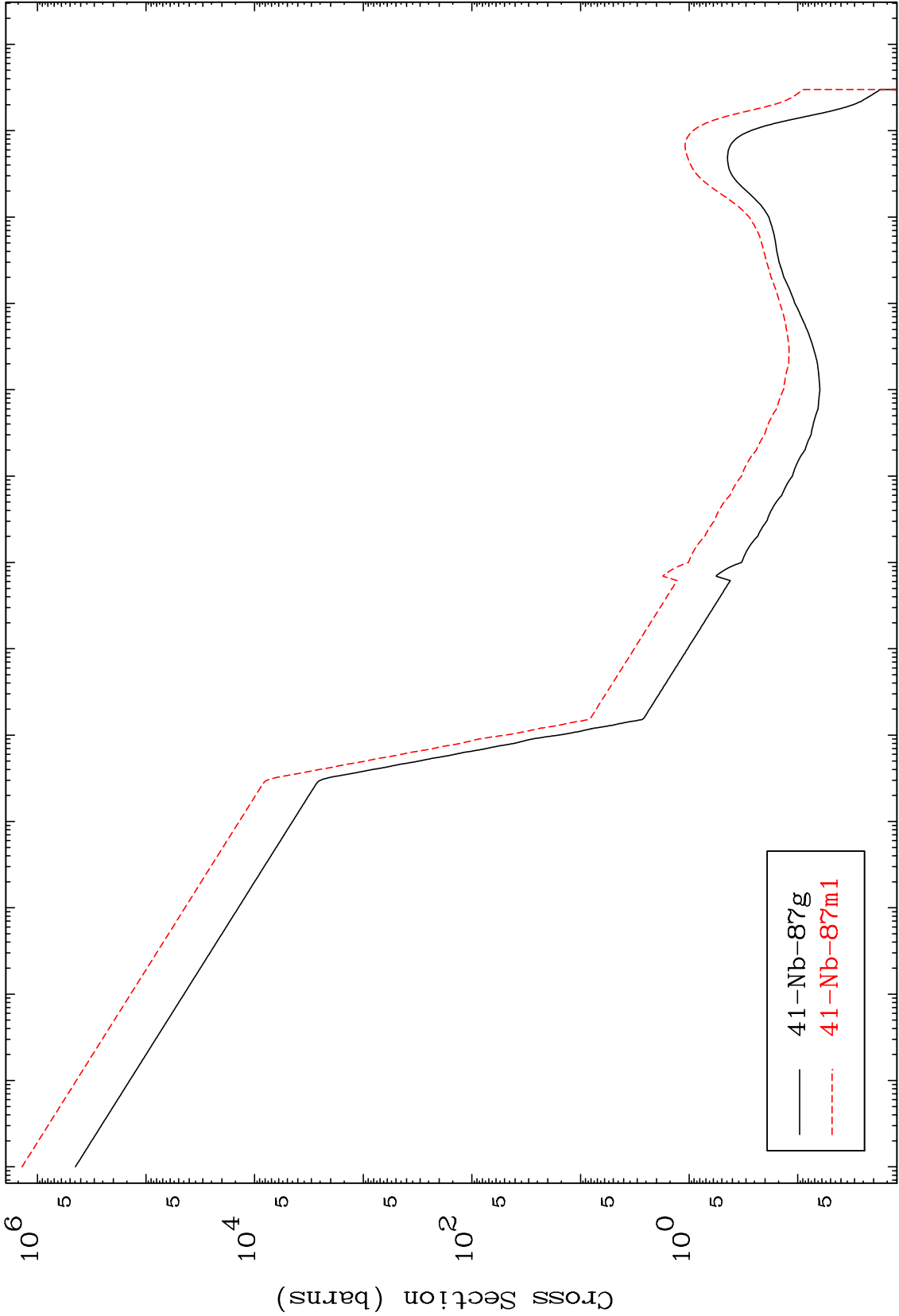


MAT 4293

(n,2p)

43-Tc-88

Radionuclide Production Cross Section



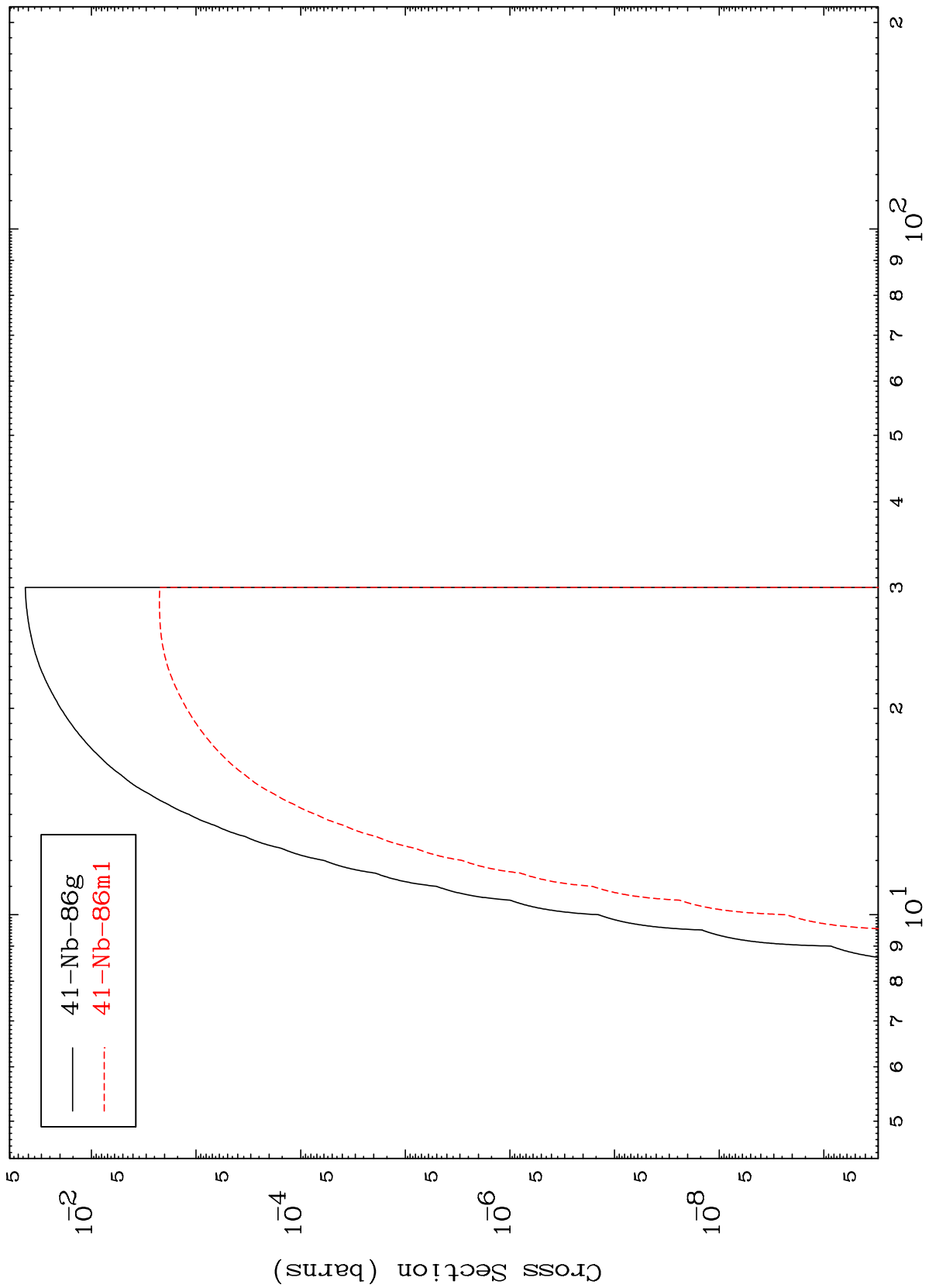
— 41-Nb-87g
- - - 41-Nb-87m1

MAT 4293

(n,p) d

43-Tc-88

Radionuclide Production Cross Section



— 41-Nb-86g
- - - 41-Nb-86m1

Incident Energy (MeV)

43-Tc-88

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