

Program EVALPLOT
(Version 2021-1)

by

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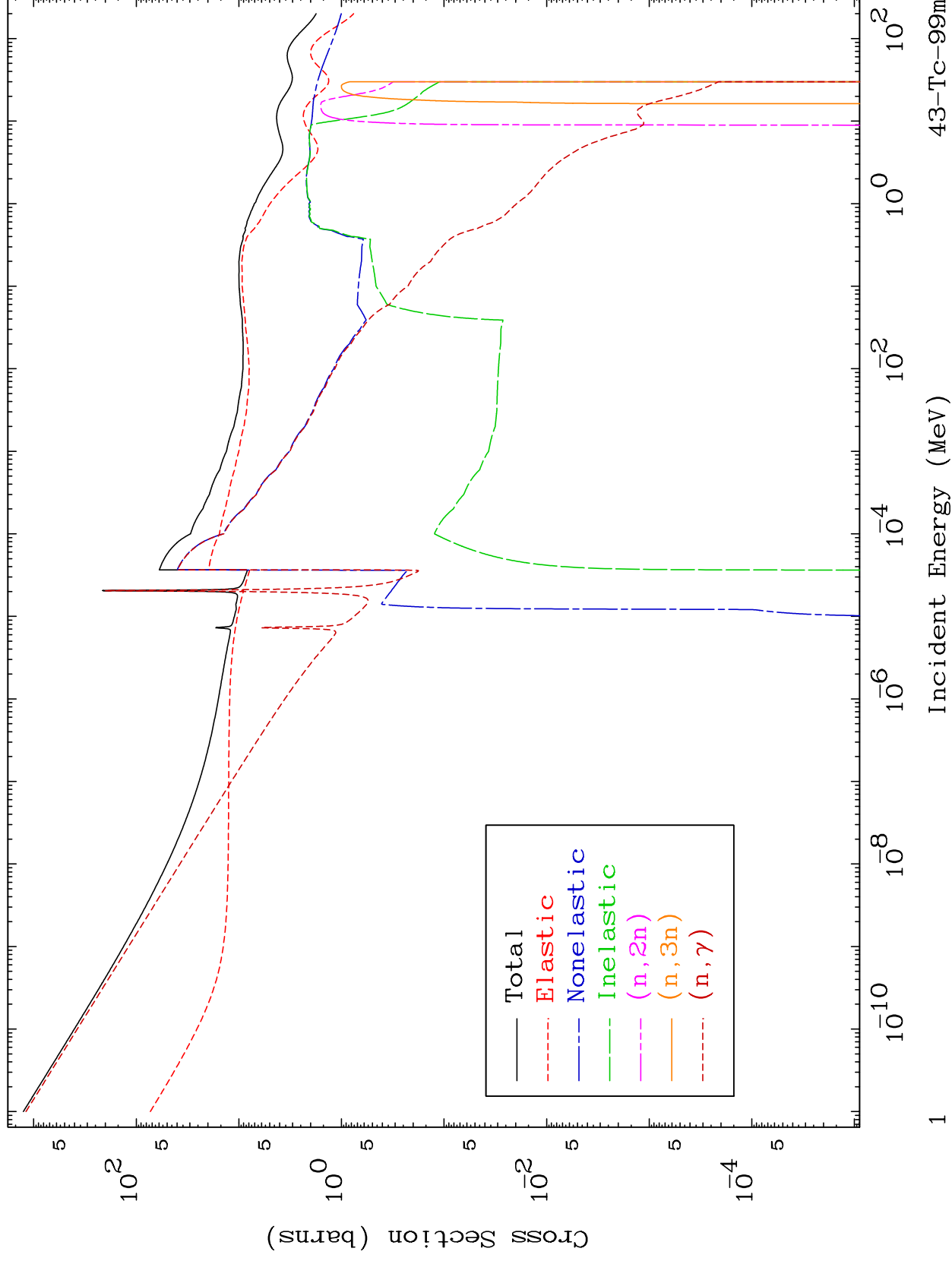
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4326

Neutron Major
293 Kelvin Cross Sections

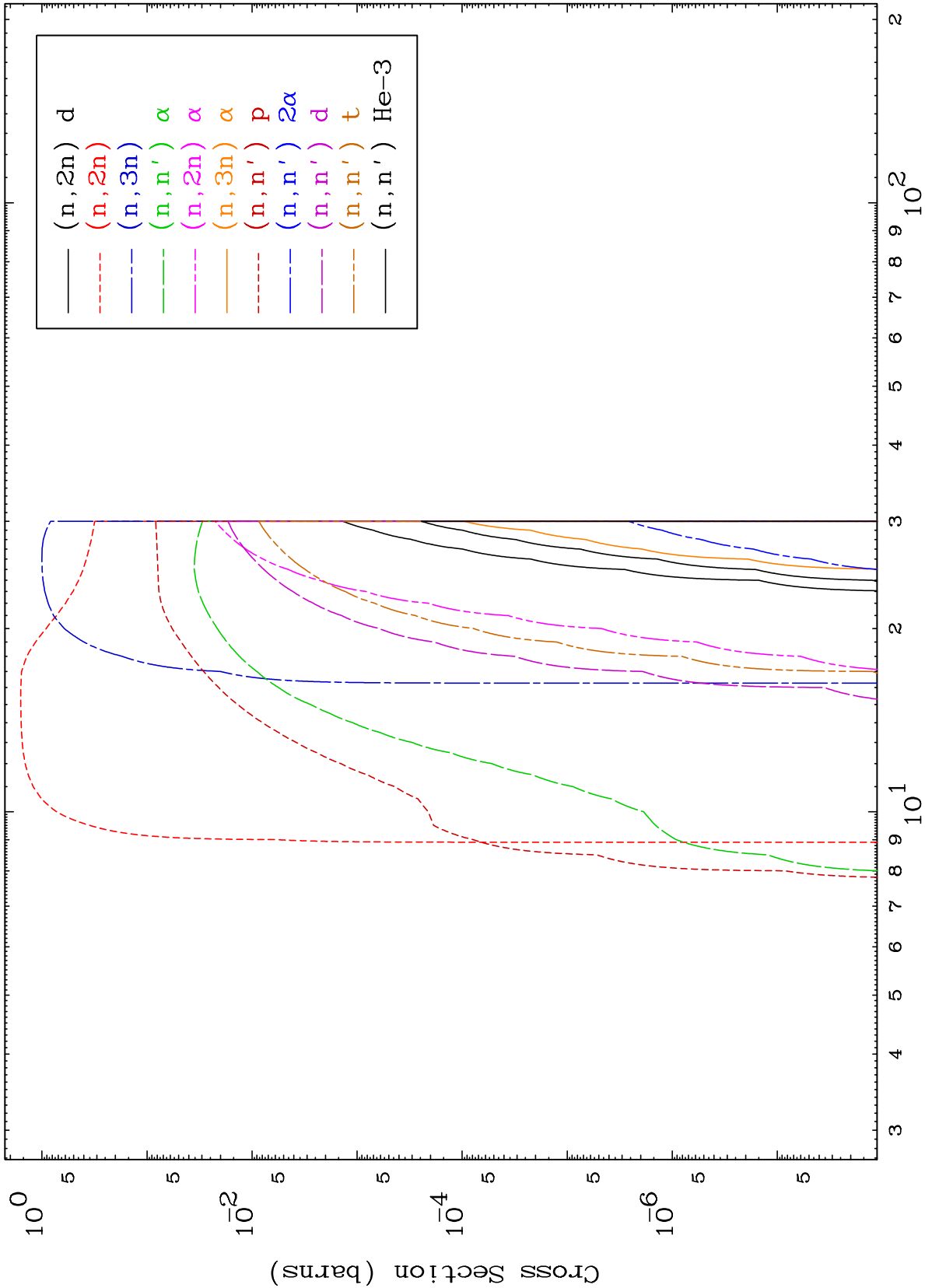
43-Tc-99m

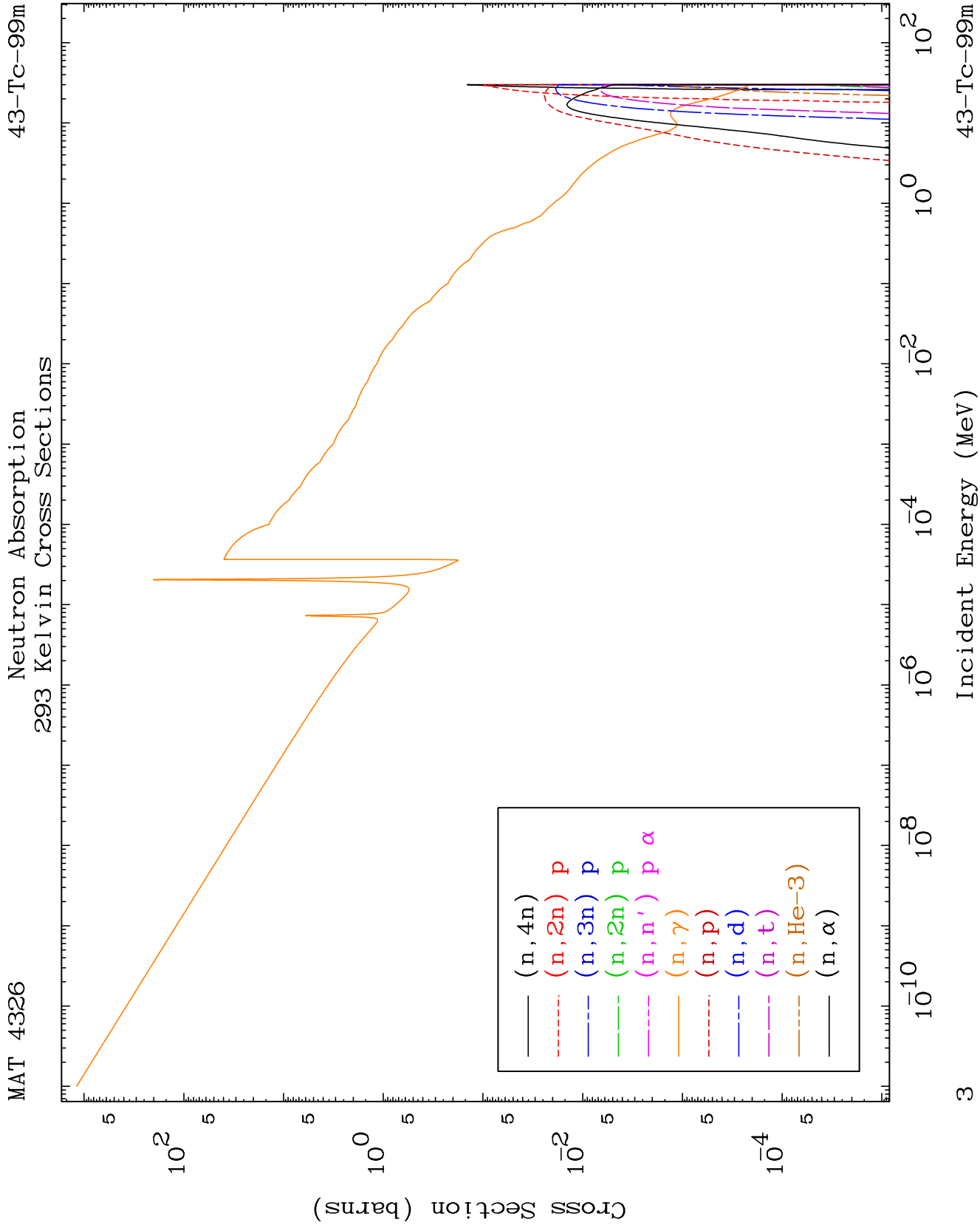


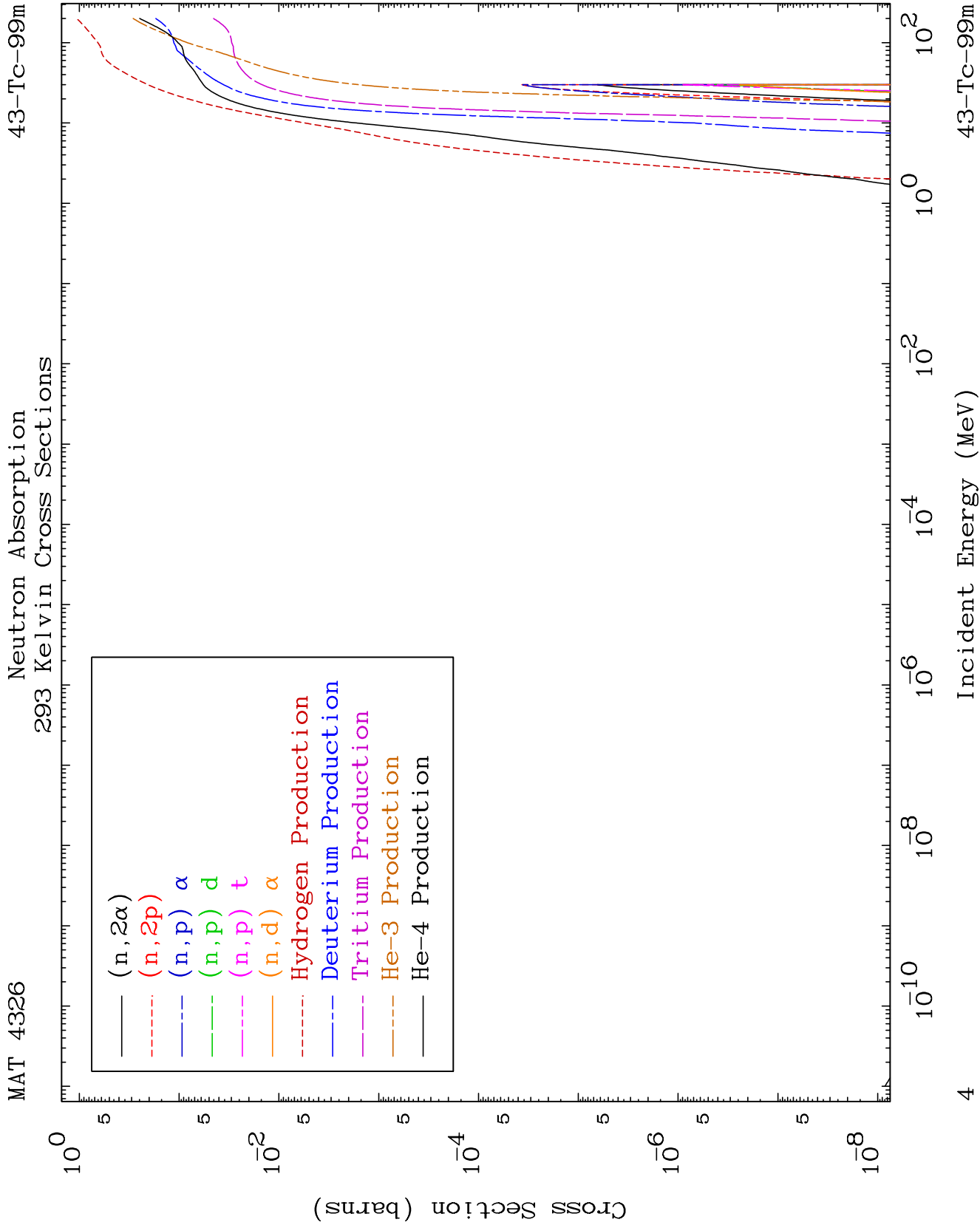
MAT 4326

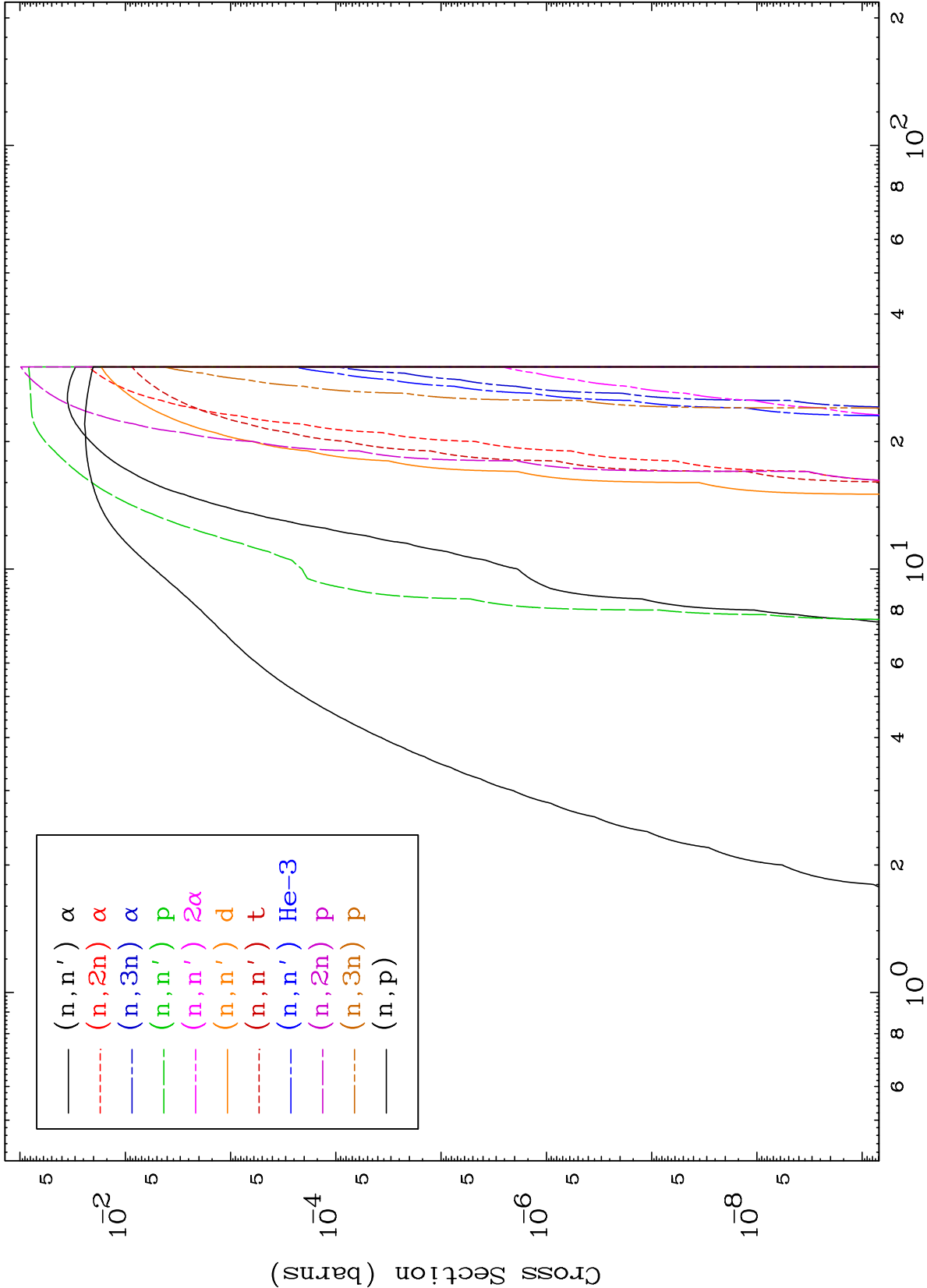
Neutron Absorption
293 Kelvin Cross Sections

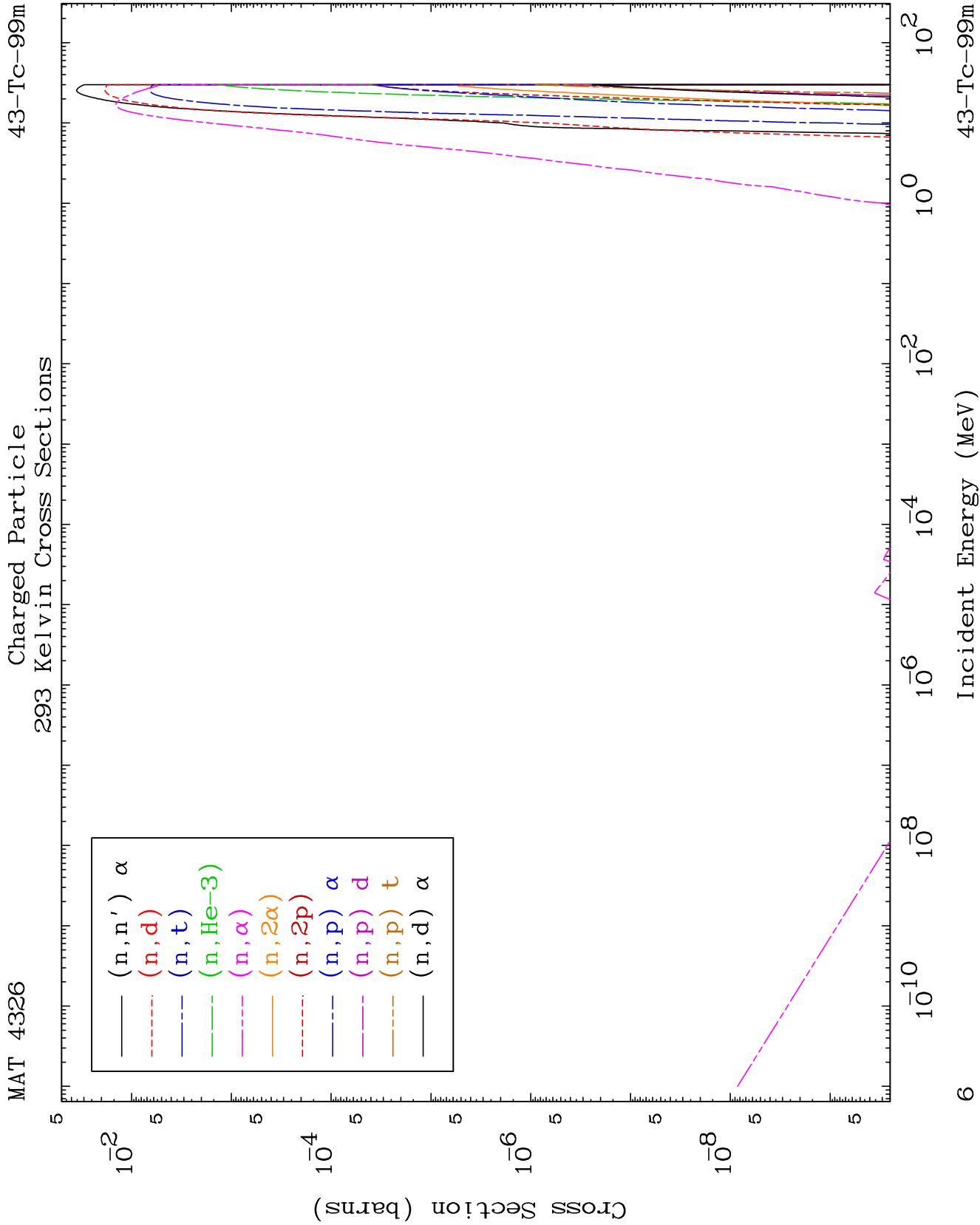
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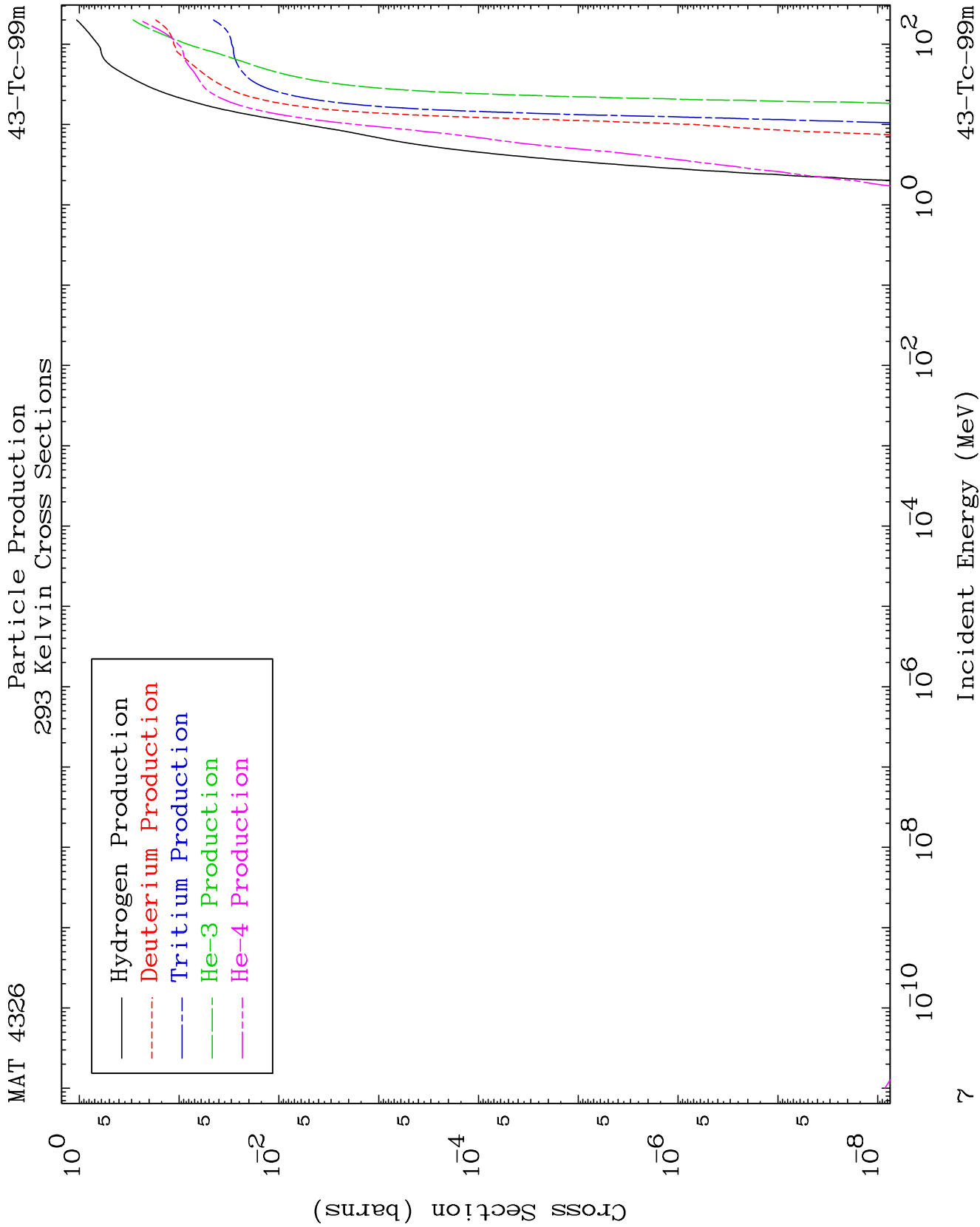


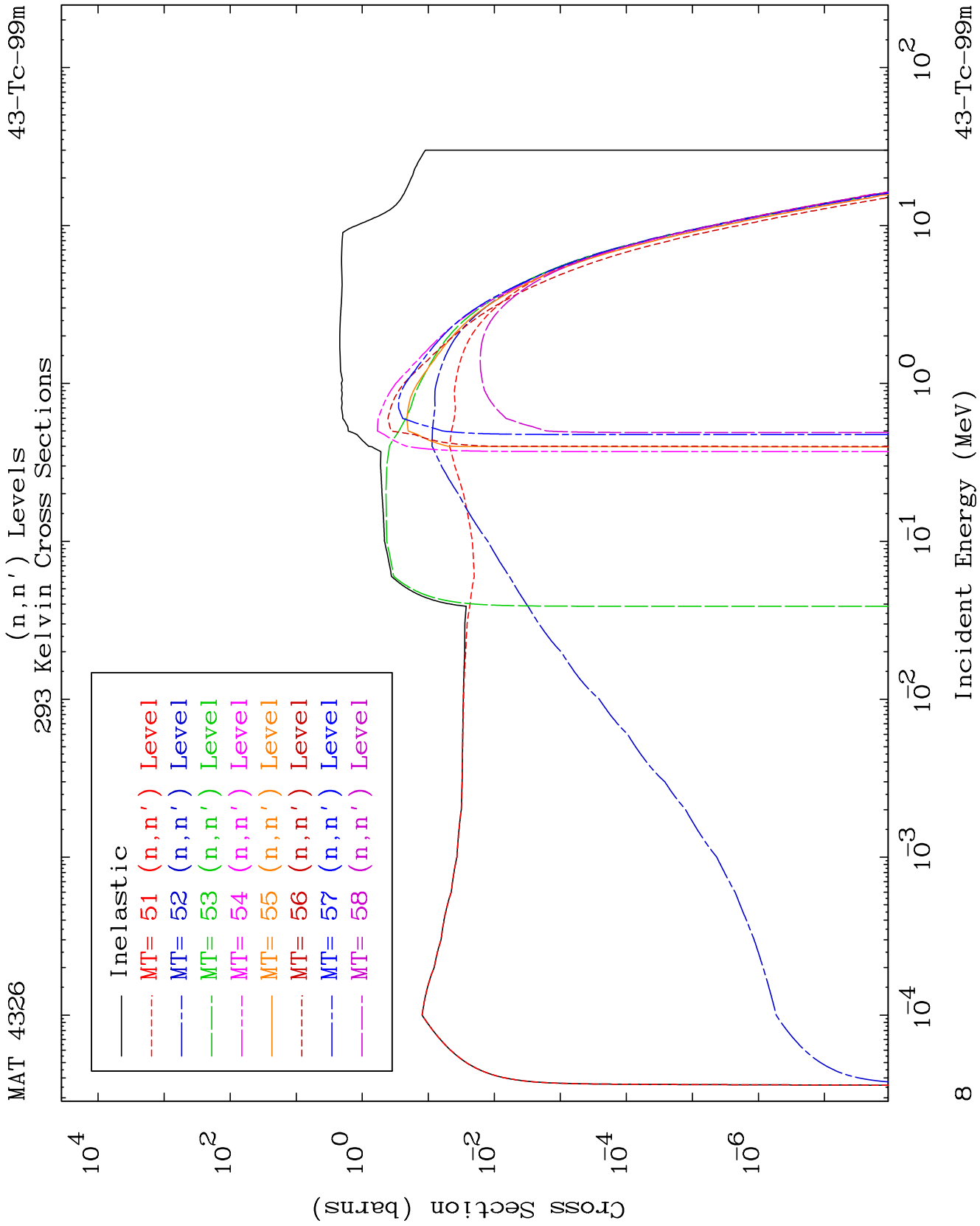


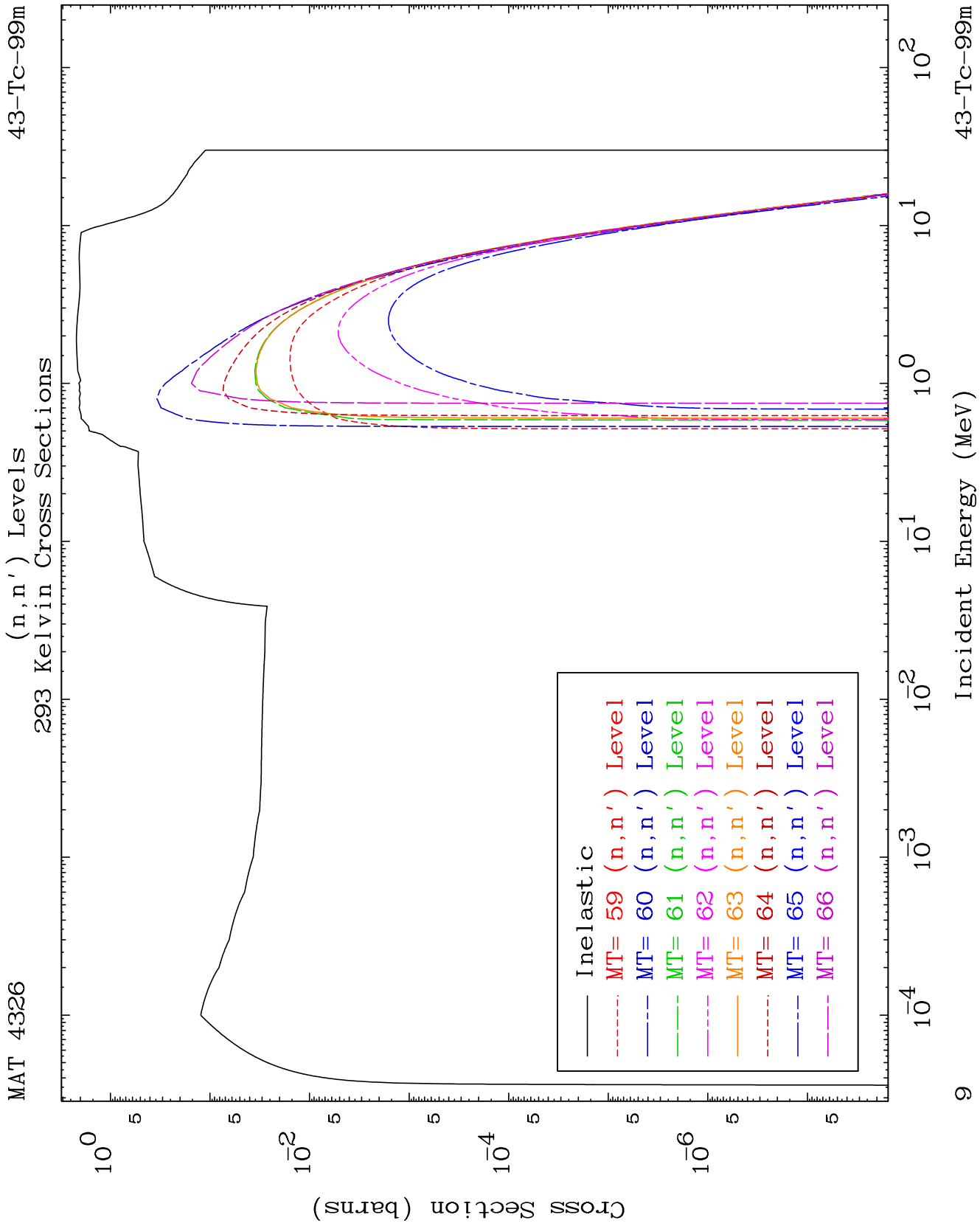


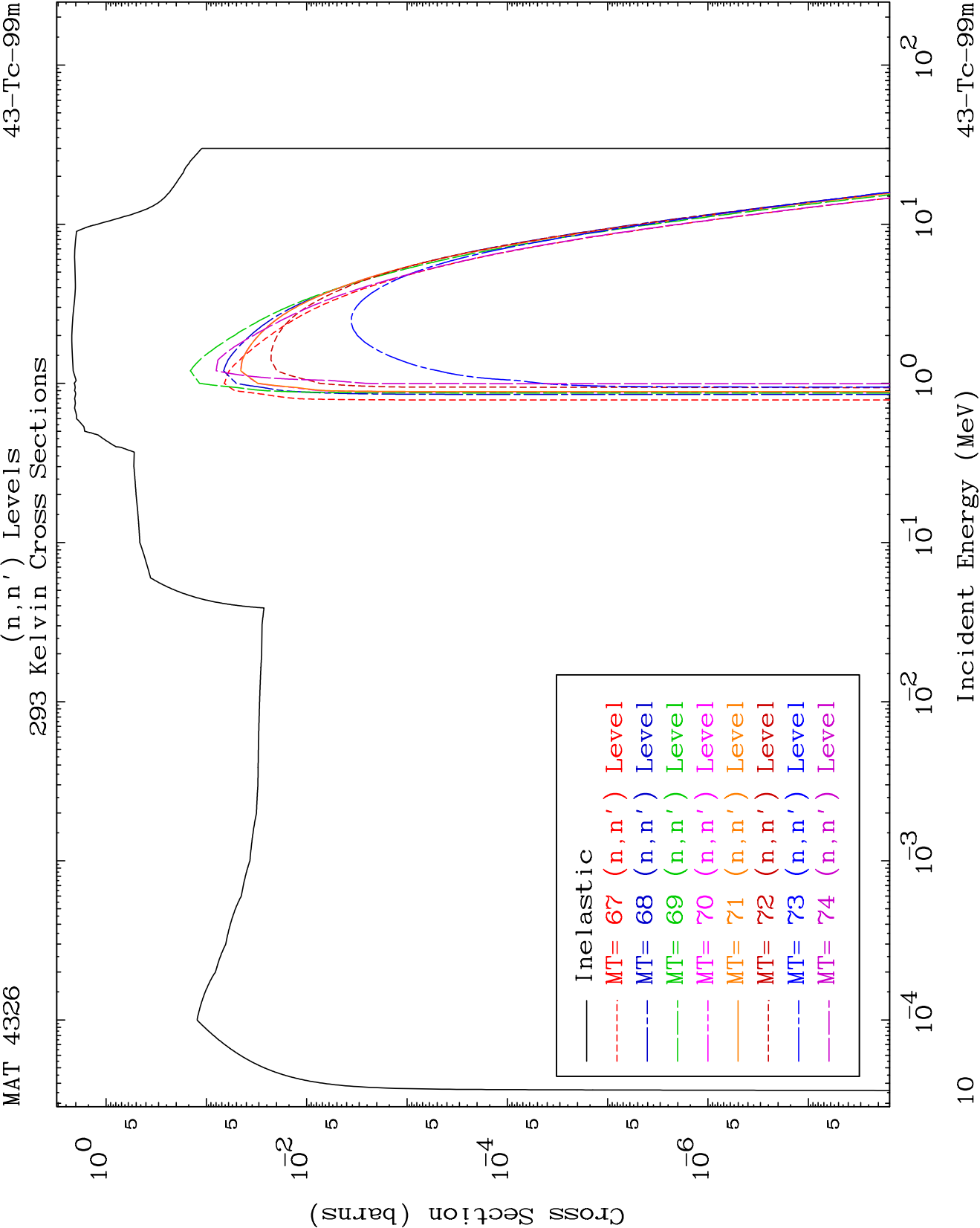


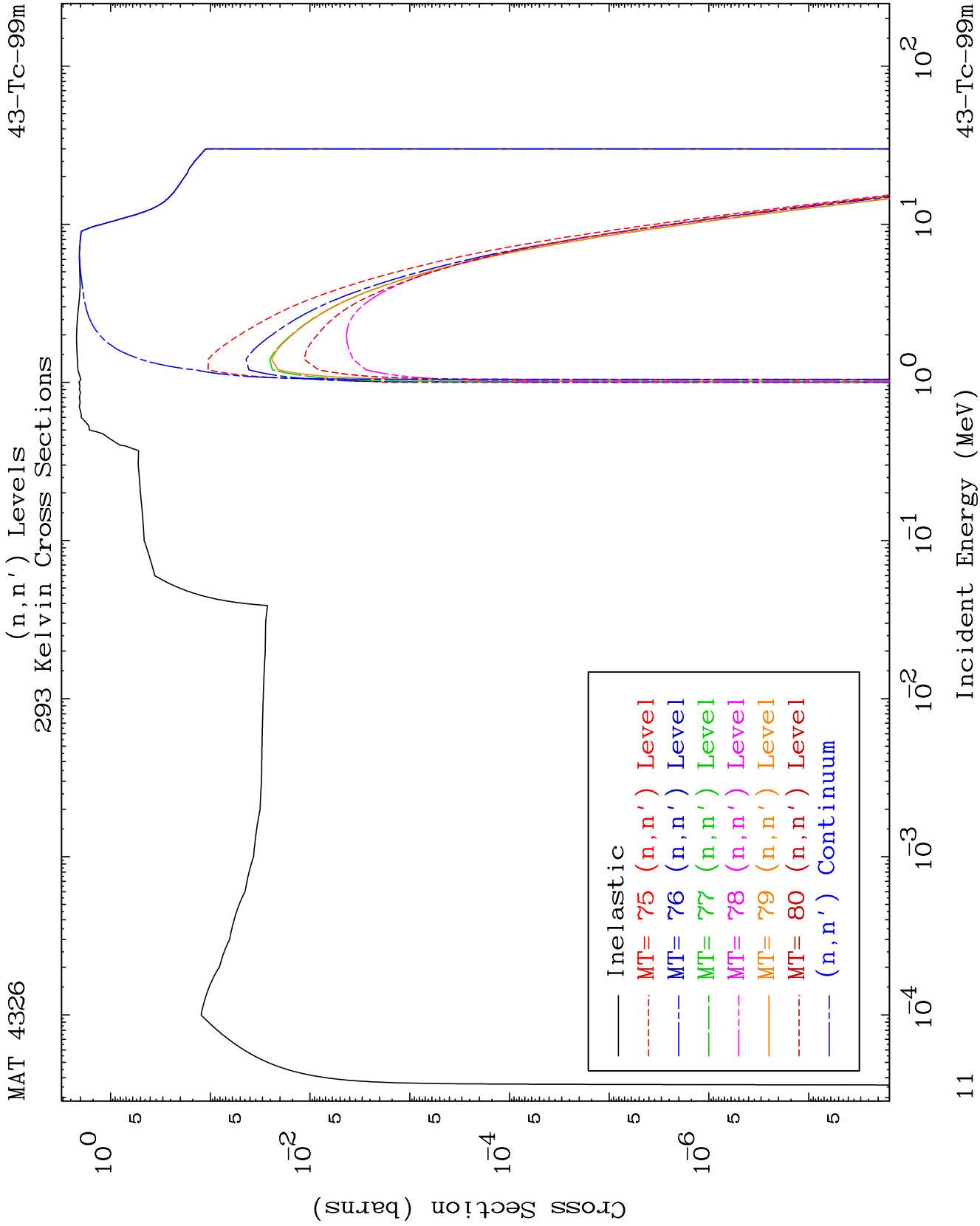








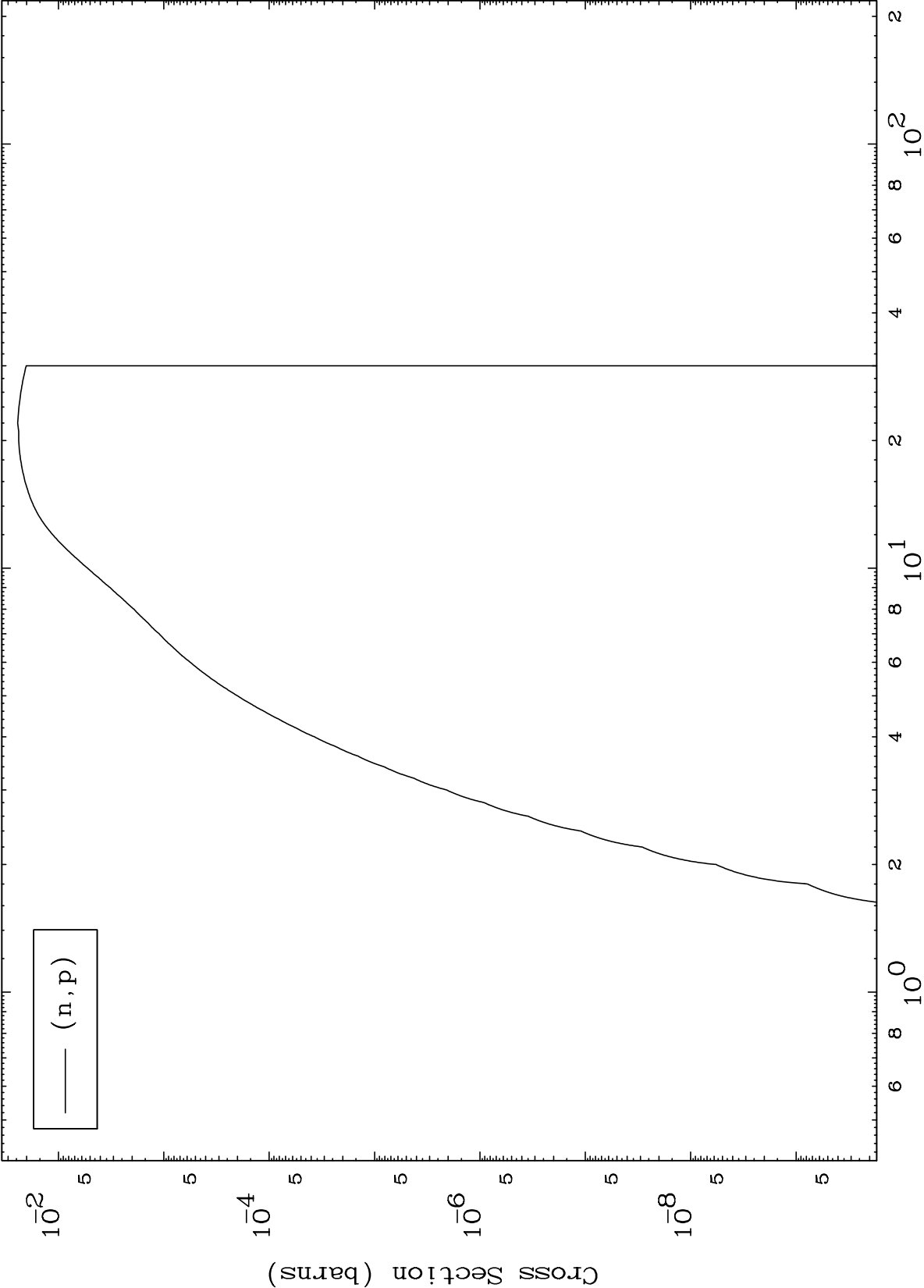




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(n,p) Levels
293 Kelvin Cross Sections

43-Tc-99m



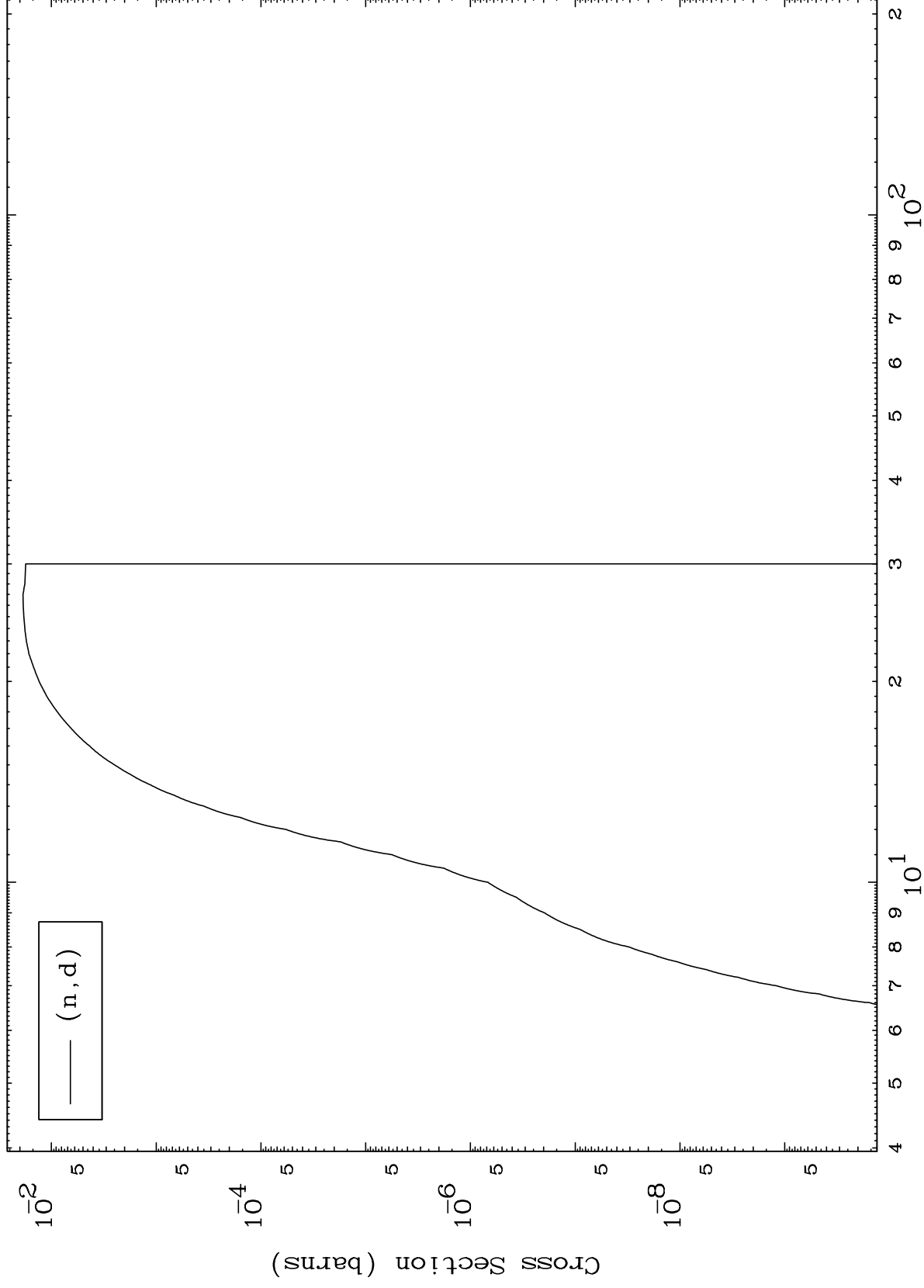
Incident Energy (MeV)

43-Tc-99m

MAT 4326

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-99m



13

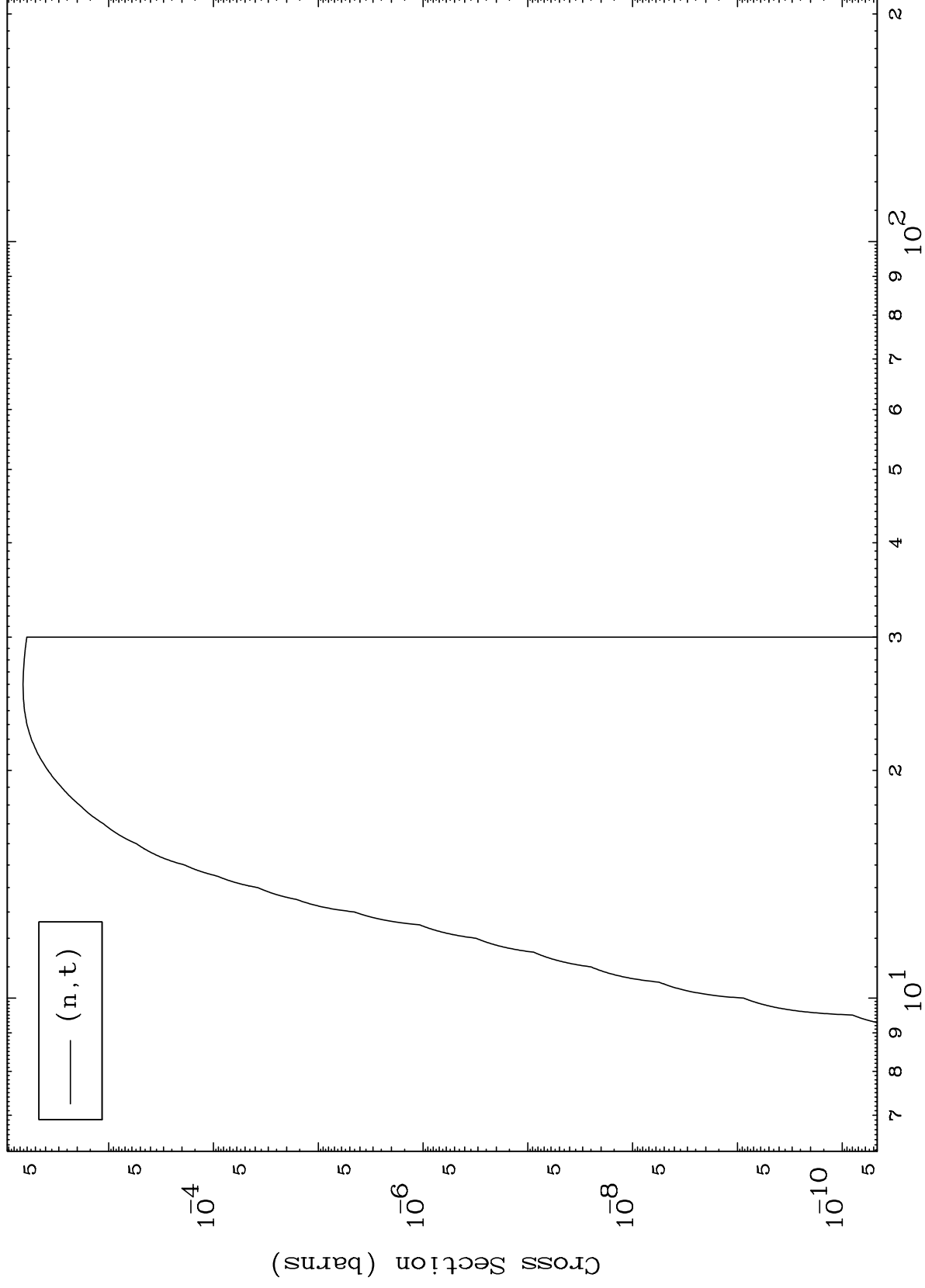
Incident Energy (MeV)

43-Tc-99m

MAT 4326

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-99m



14

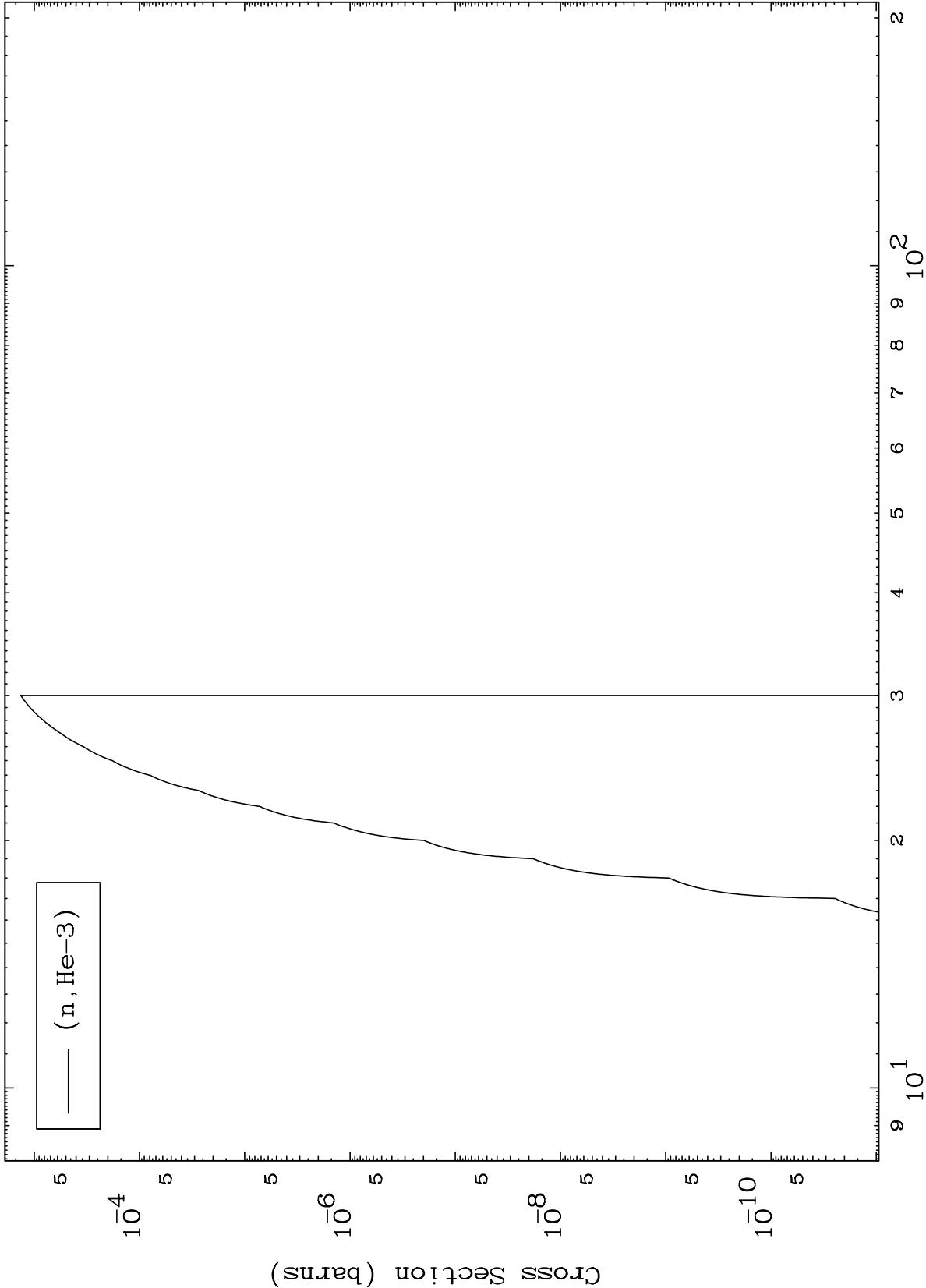
Incident Energy (MeV)

43-Tc-99m

MAT 4326

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-99m



15

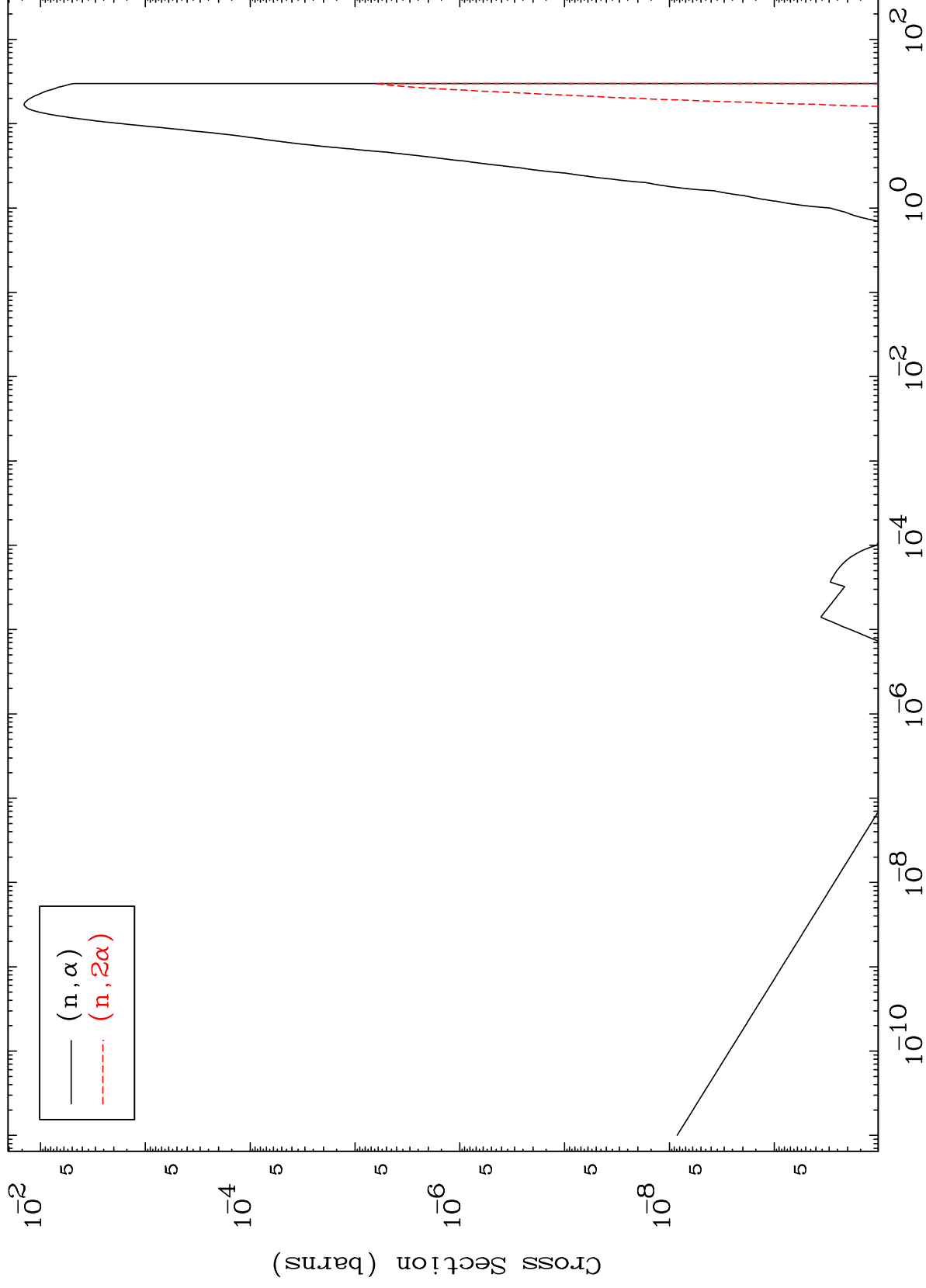
Incident Energy (MeV)

43-Tc-99m

MAT 4326

(n, α) Levels
293 Kelvin Cross Sections

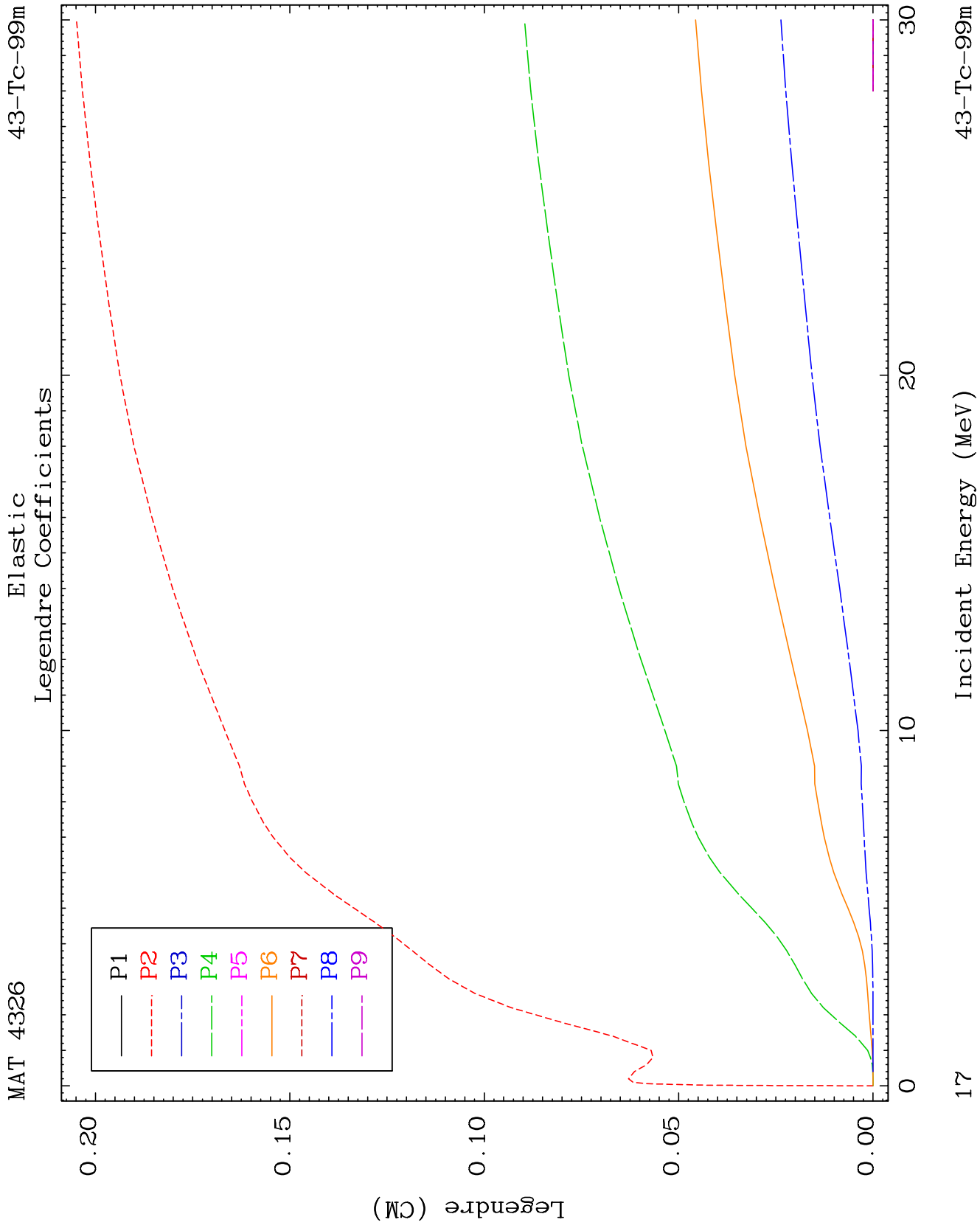
43-Tc-99m



16

Incident Energy (MeV)

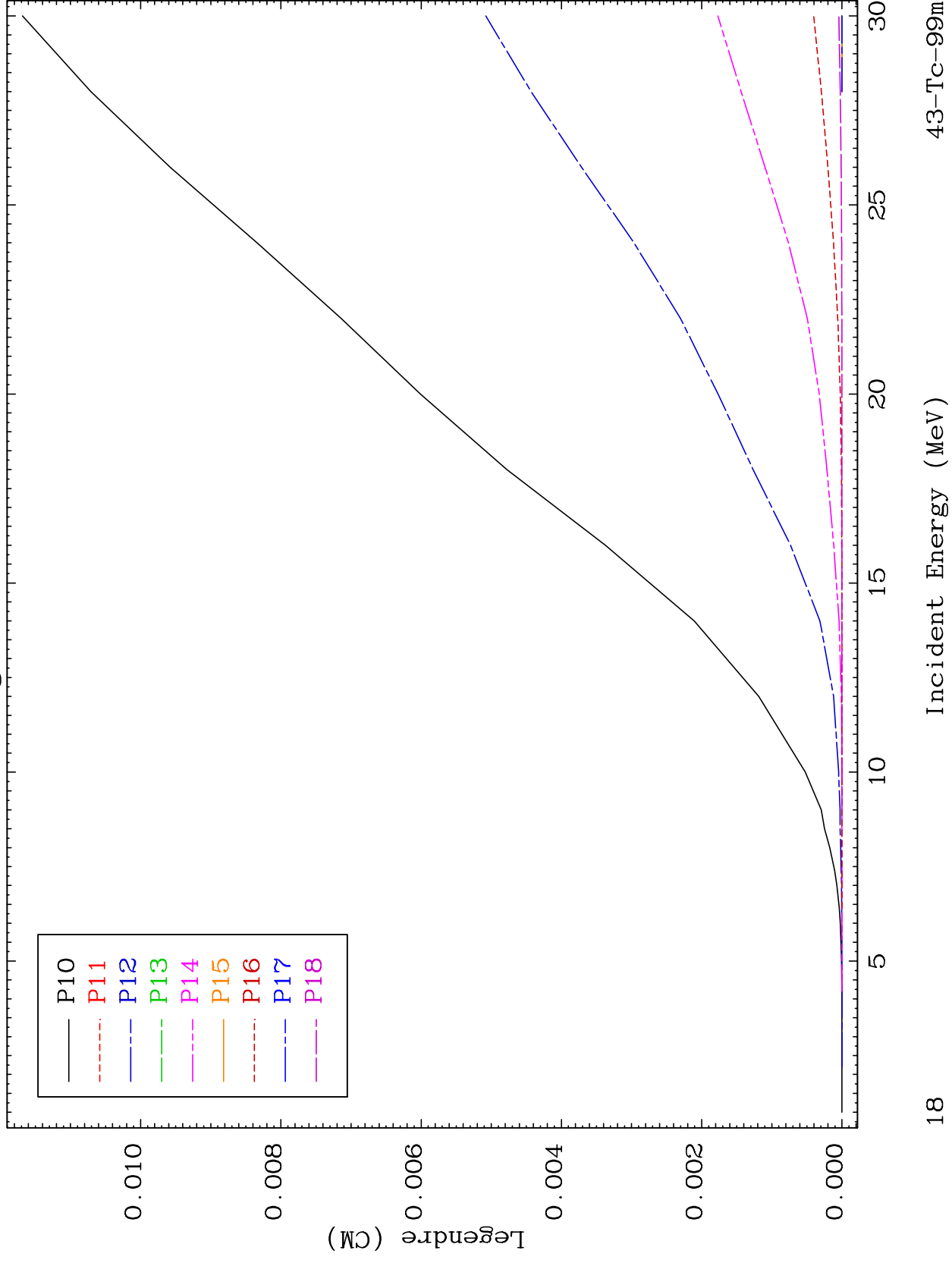
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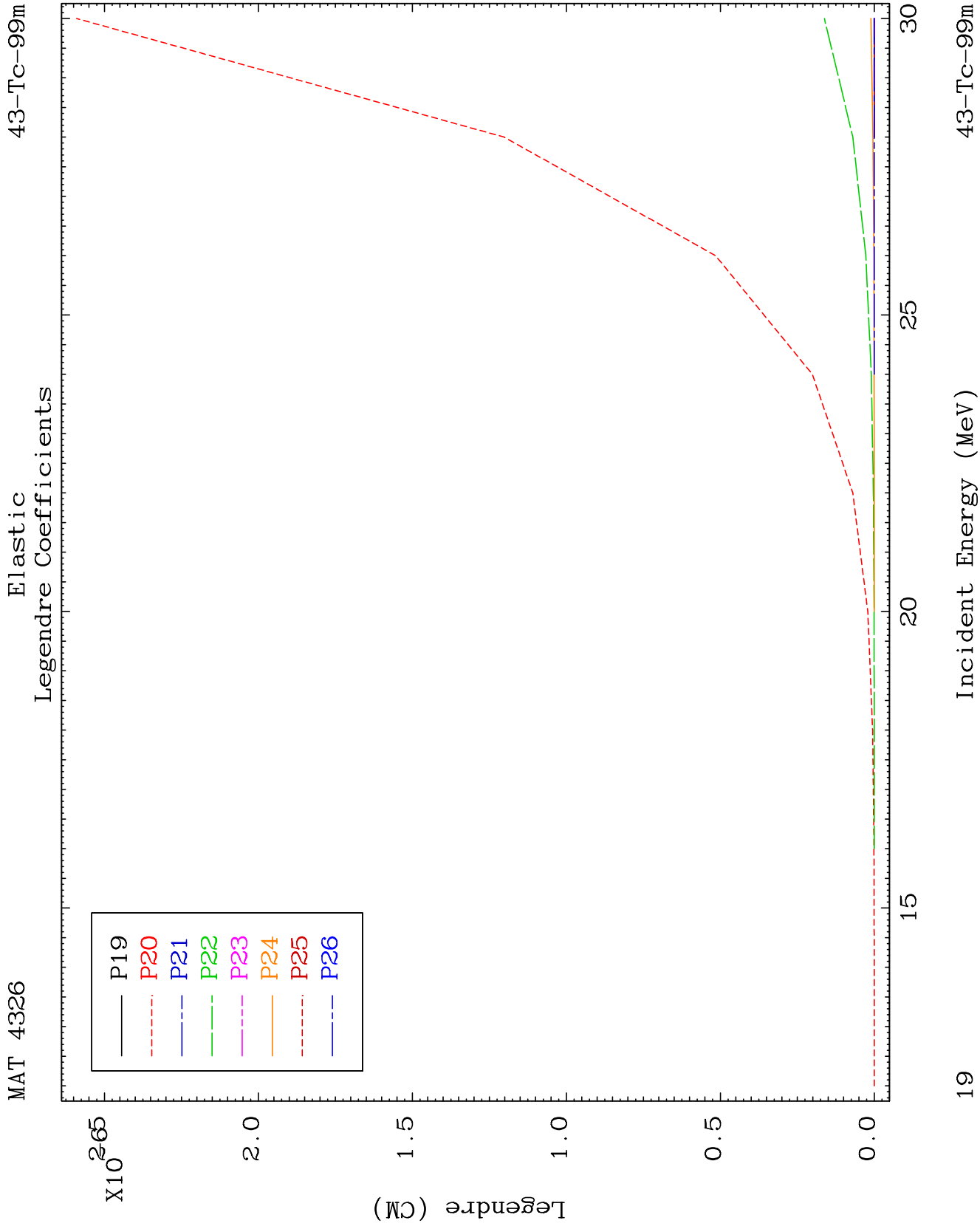


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Elastic Legendre Coefficients

43-Tc-99m

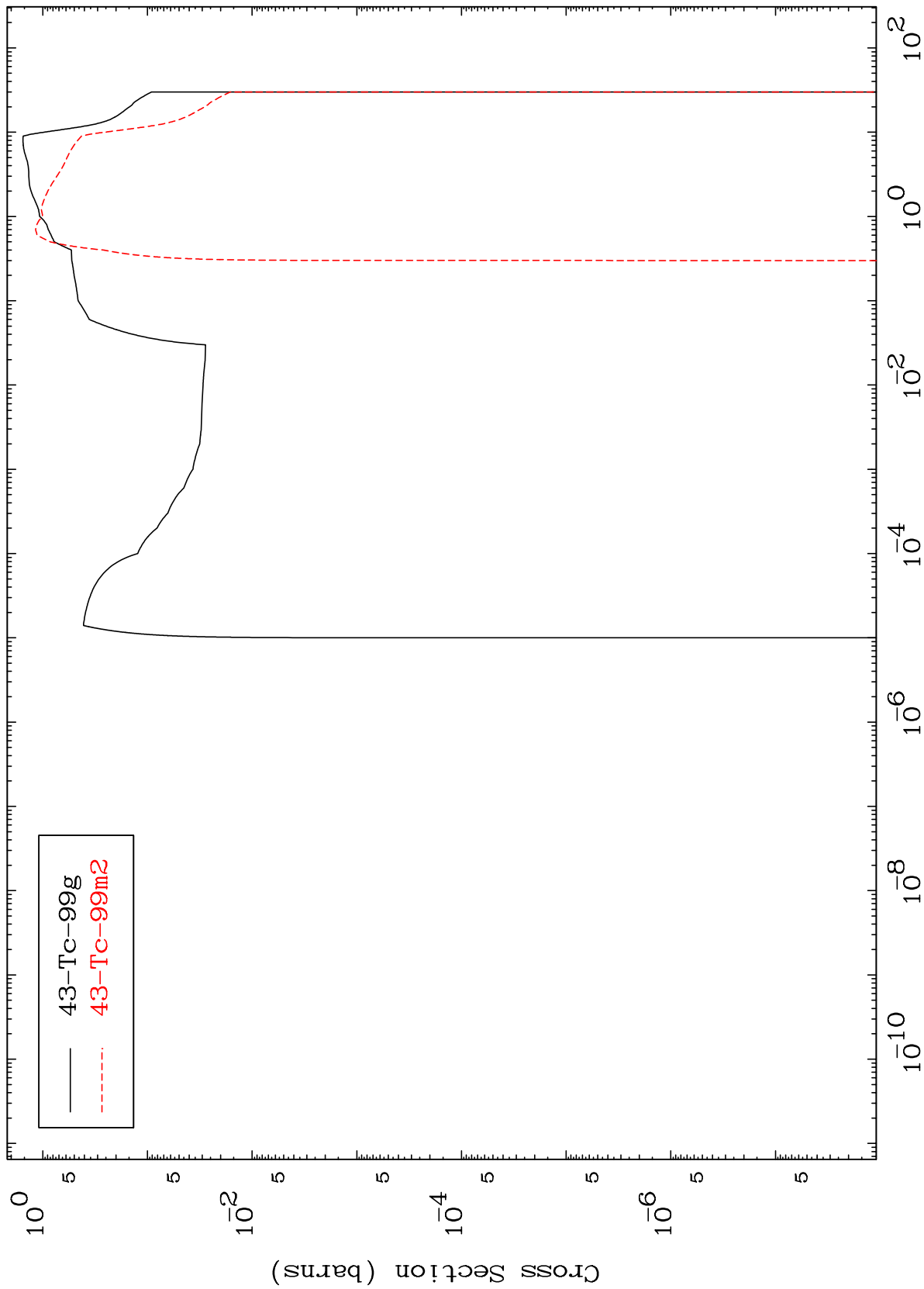




MAT 4326

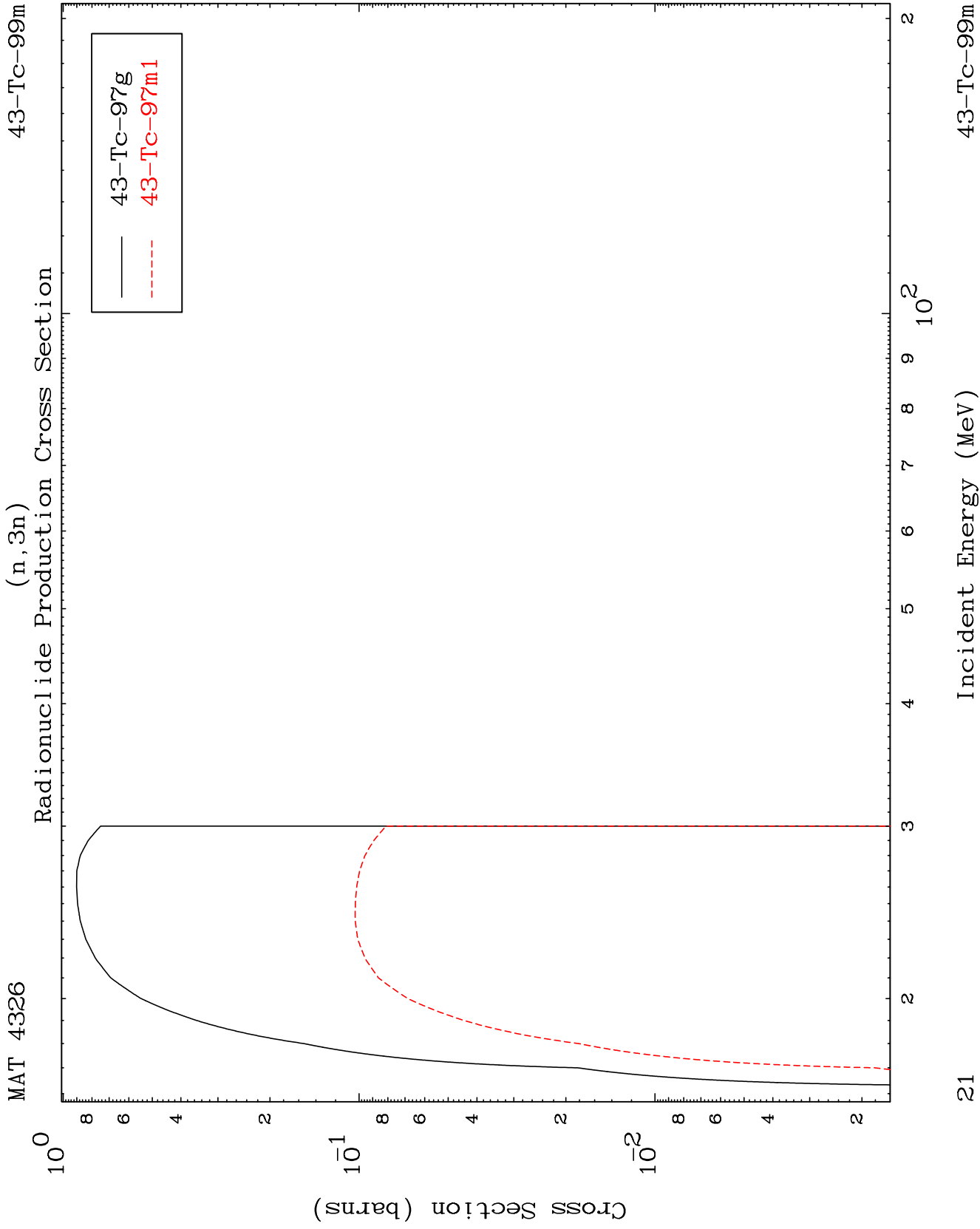
43-Tc-99m

Inelastic
Radionuclide Production Cross Section



20

43-Tc-99m

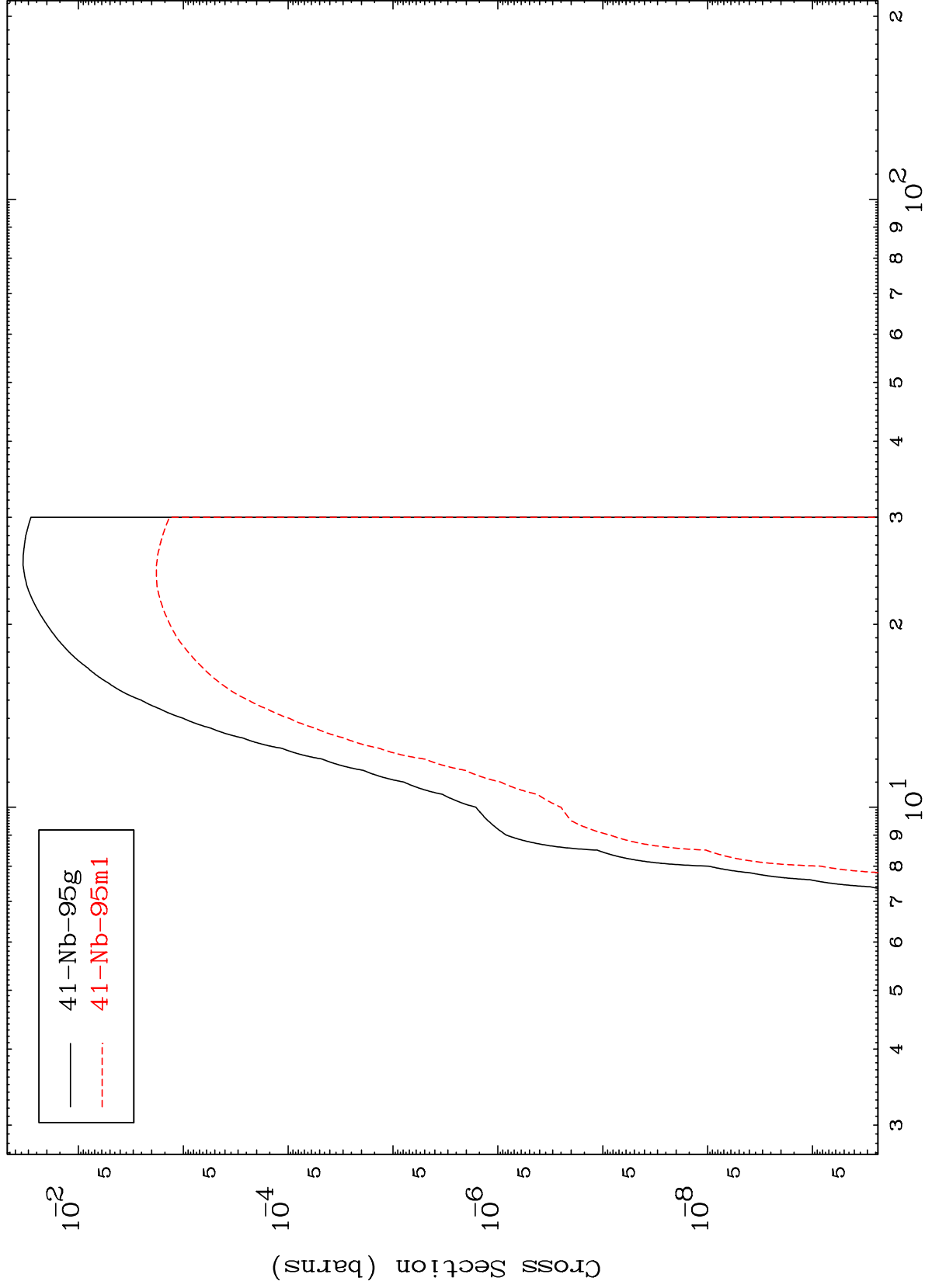


MAT 4326

43-Tc-99m

Radionuclide Production Cross Section

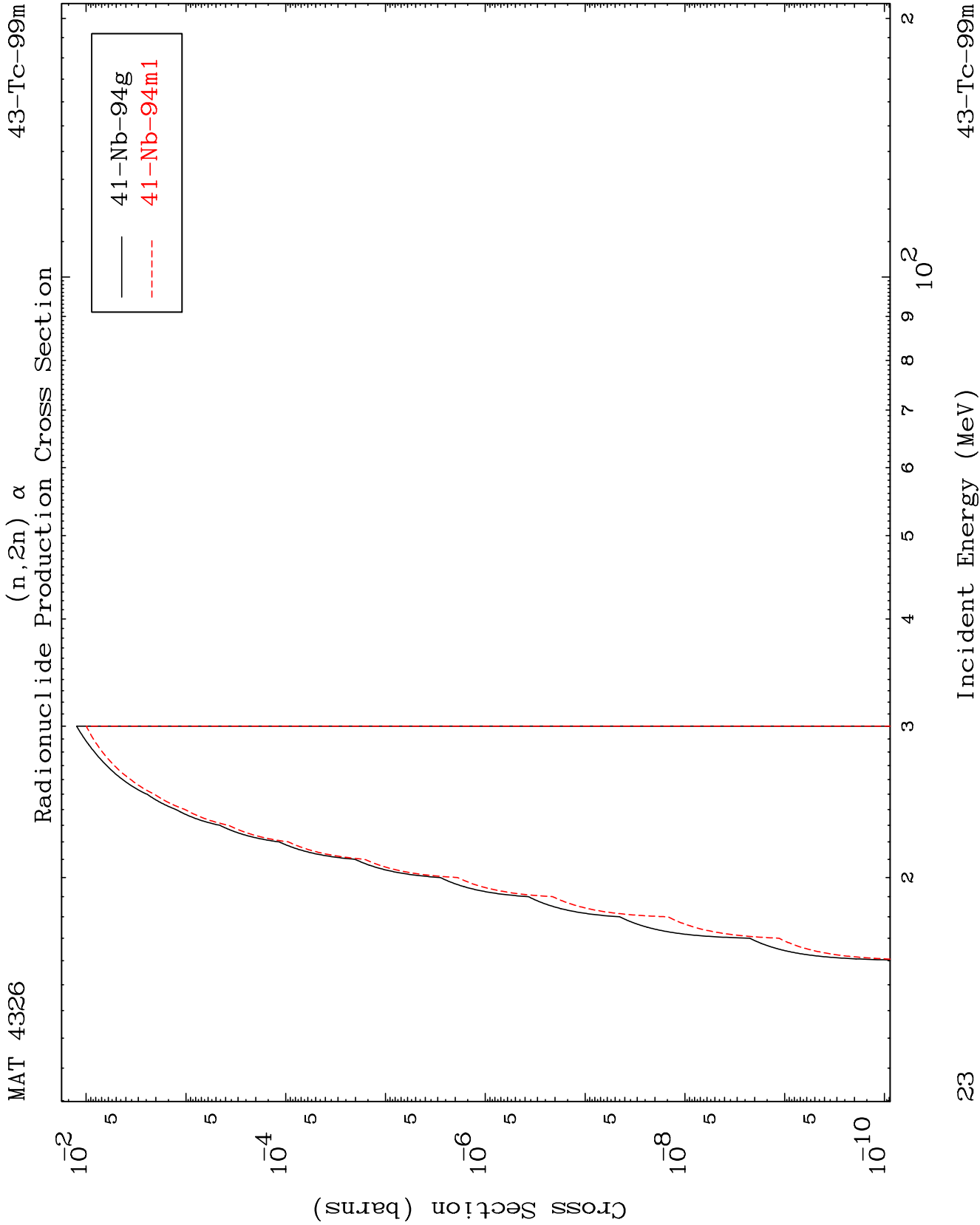
(n,n') α

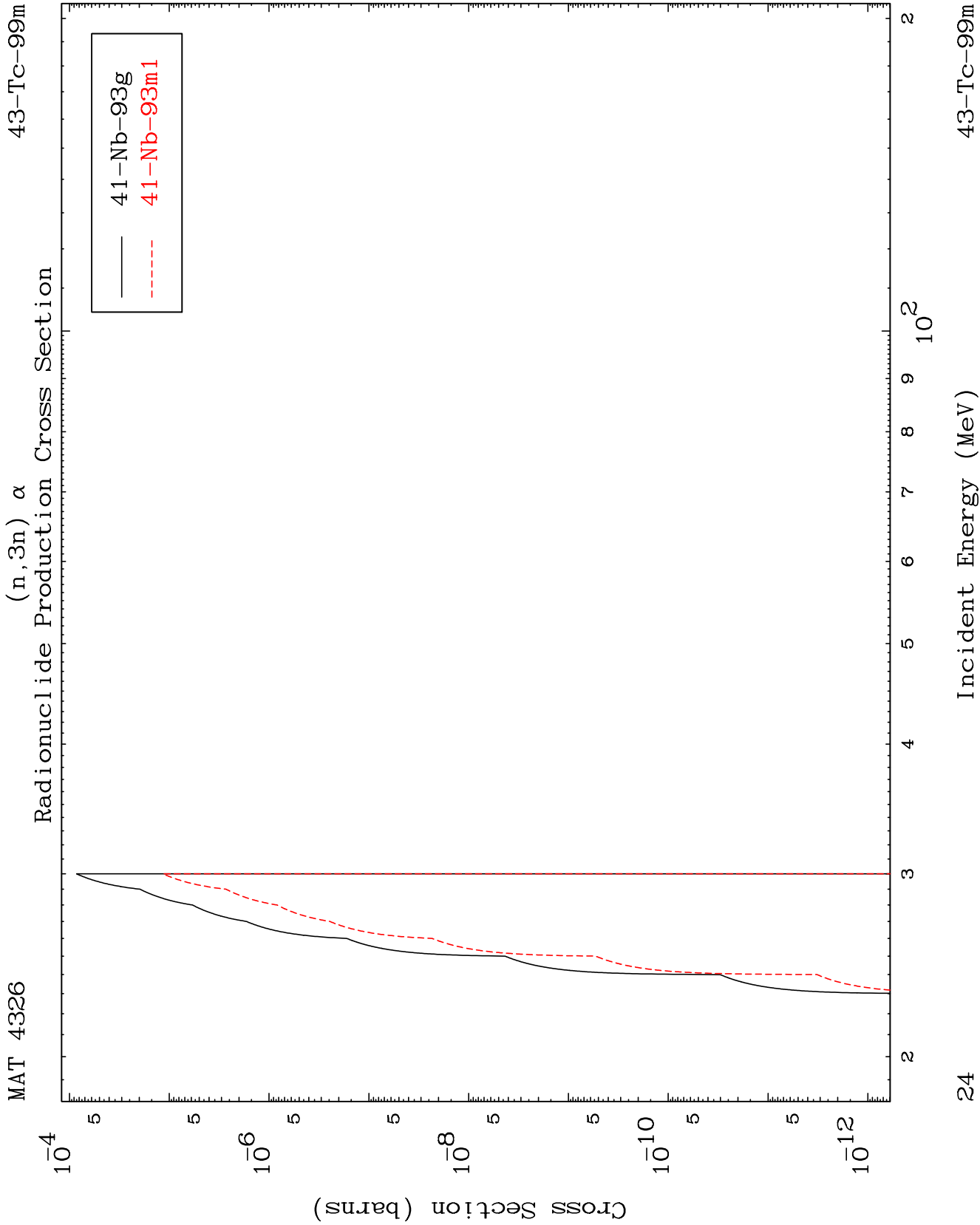


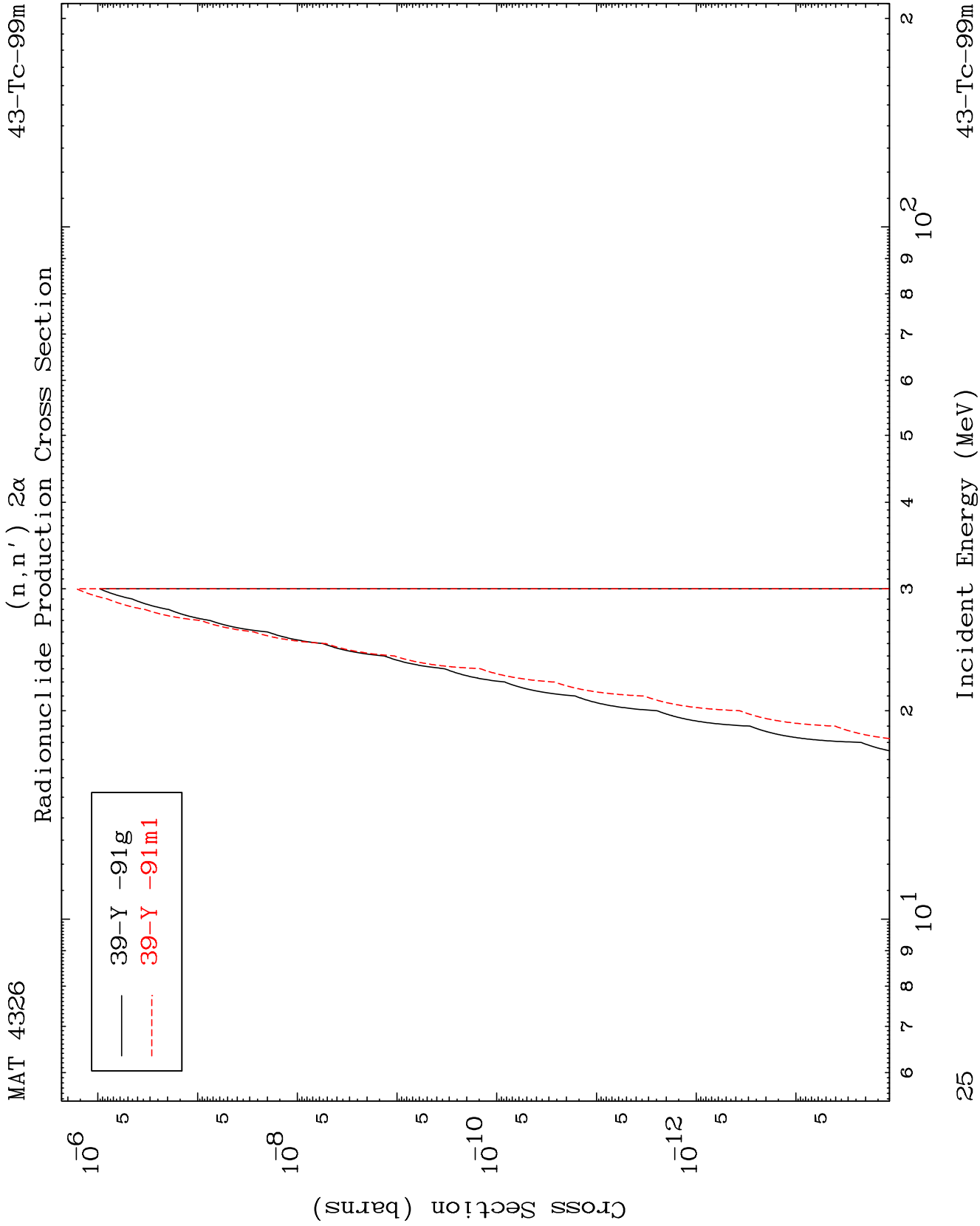
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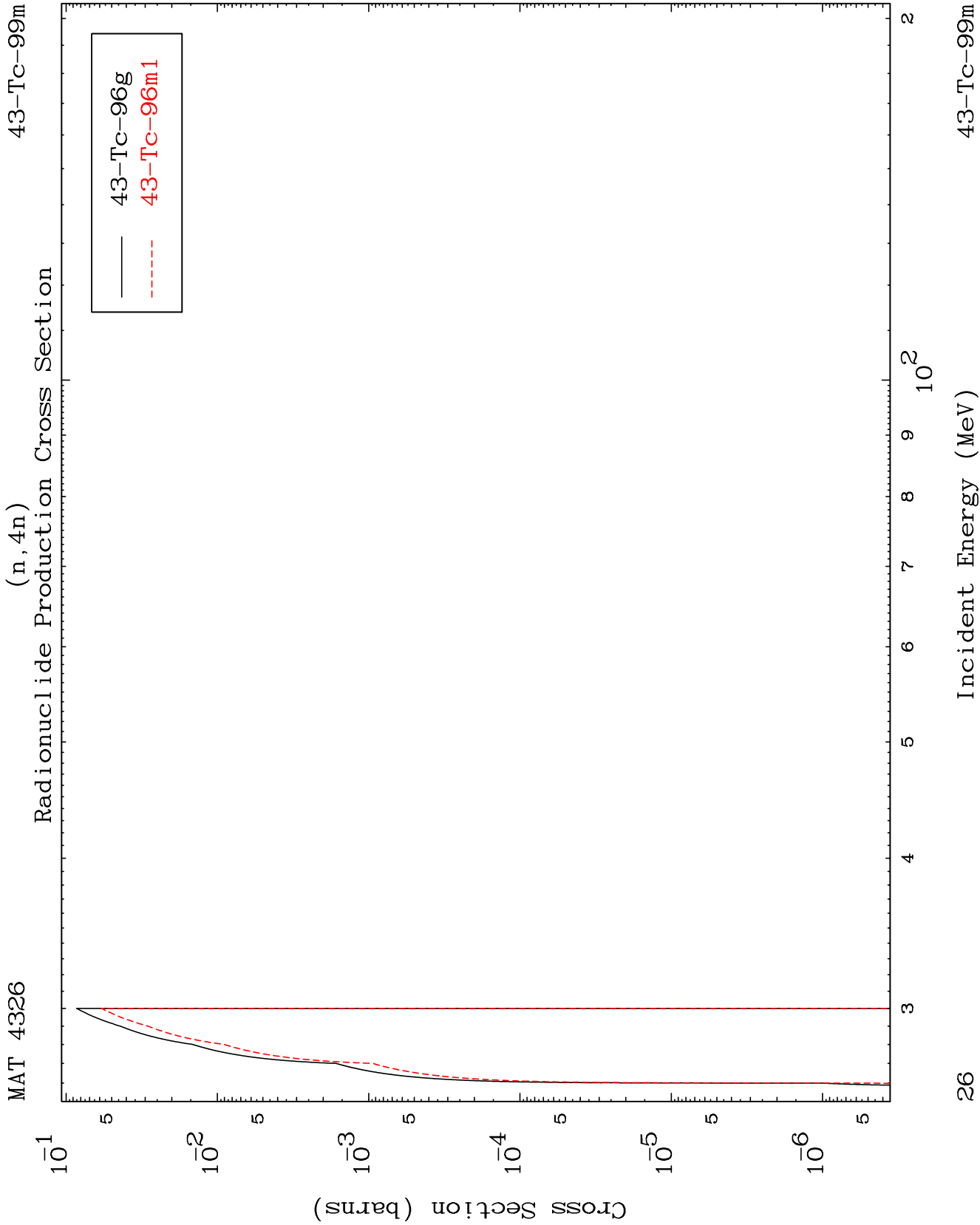
Incident Energy (MeV)

43-Tc-99m





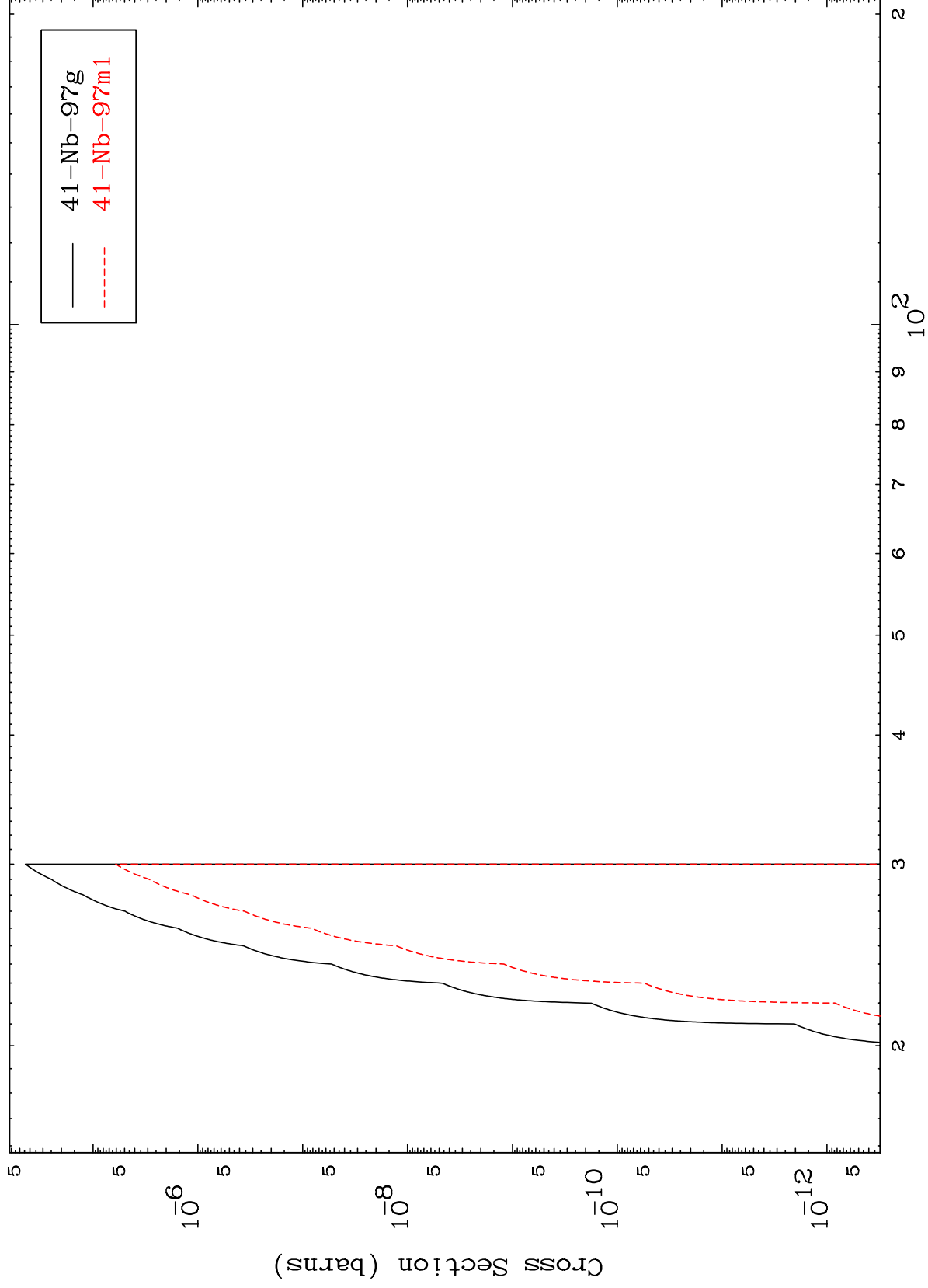




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43-Tc-99m

(n,2n) p
Radionuclide Production Cross Section



27

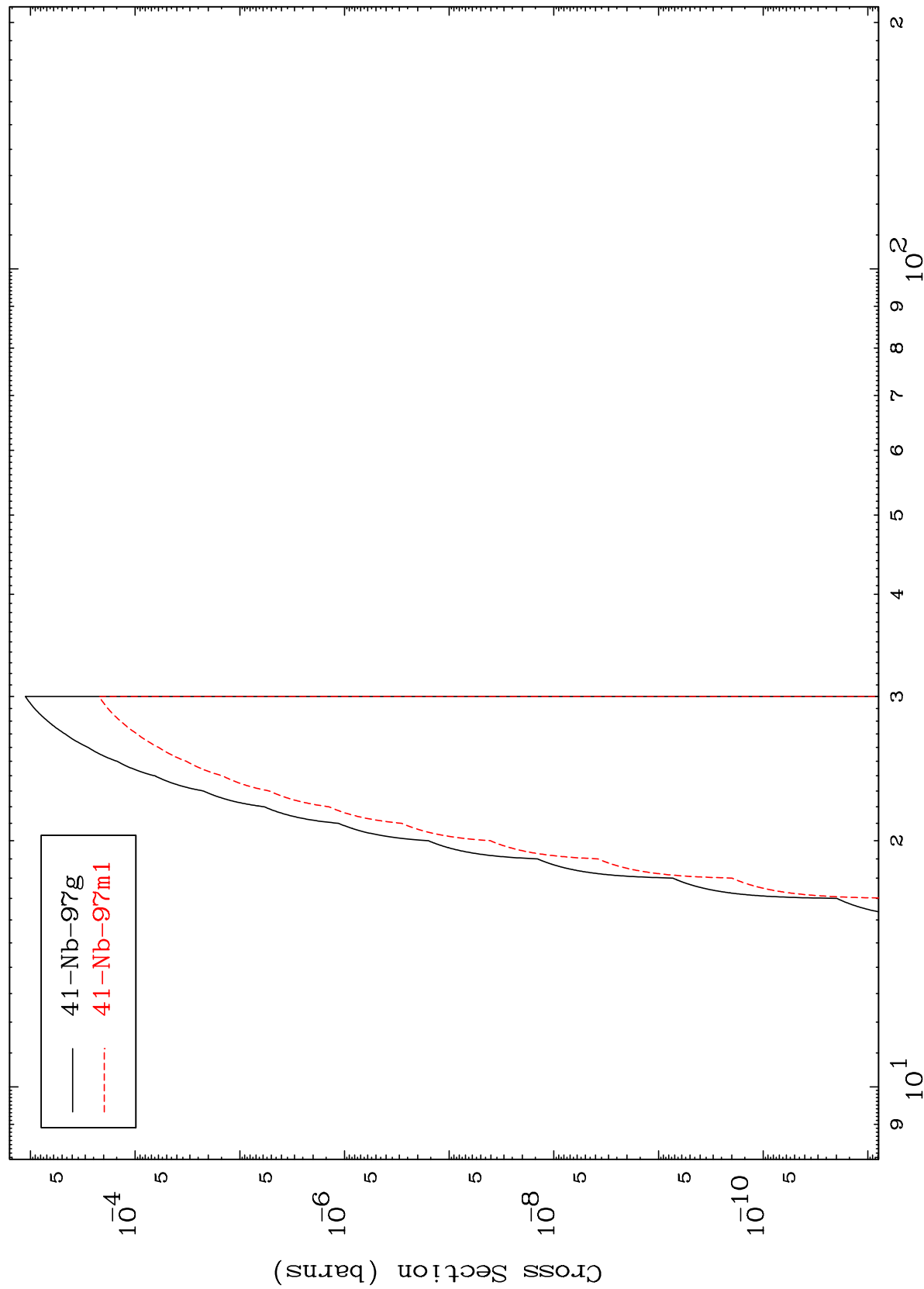
Incident Energy (MeV)

43-Tc-99m

MAT 4326

43-Tc-99m

(n,He-3)
Radionuclide Production Cross Section



28

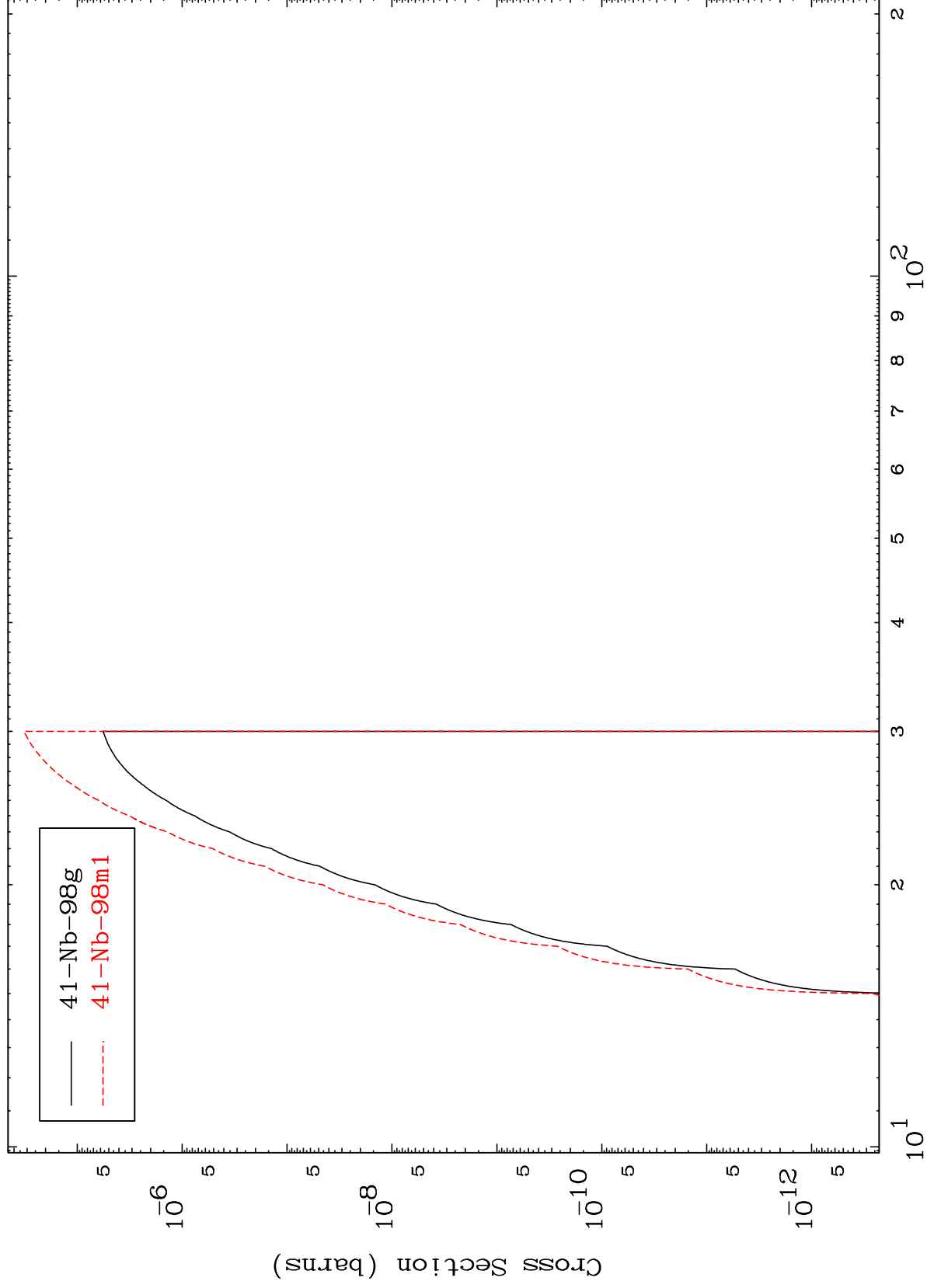
Incident Energy (MeV)

43-Tc-99m

MAT 4326

43-Tc-99m

(n,2p)
Radionuclide Production Cross Section



43-Tc-99m

Incident Energy (MeV)

29

