

Program EVALPLOT
(Version 2021-1)

by

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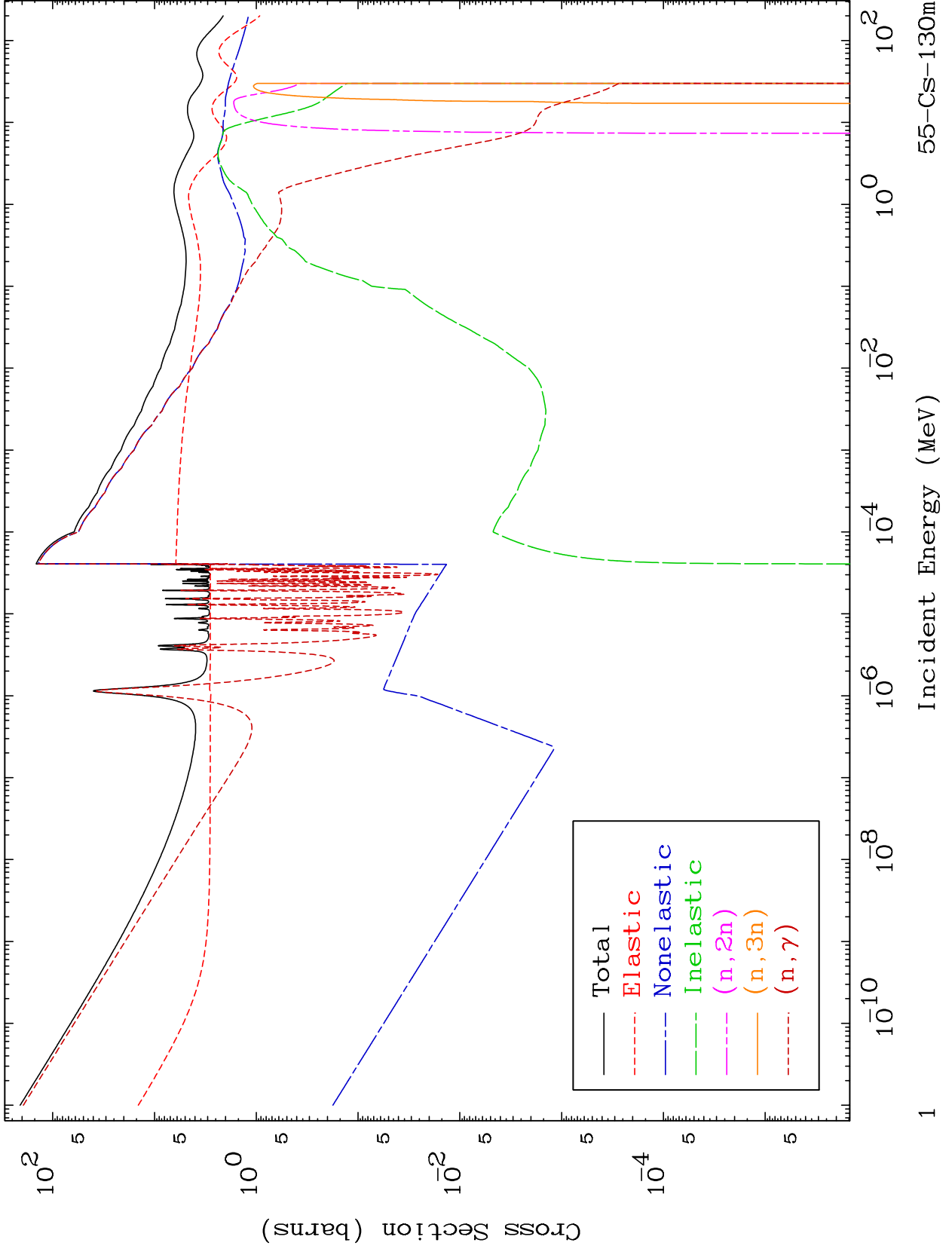
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5517

Neutron Major
293 Kelvin Cross Sections

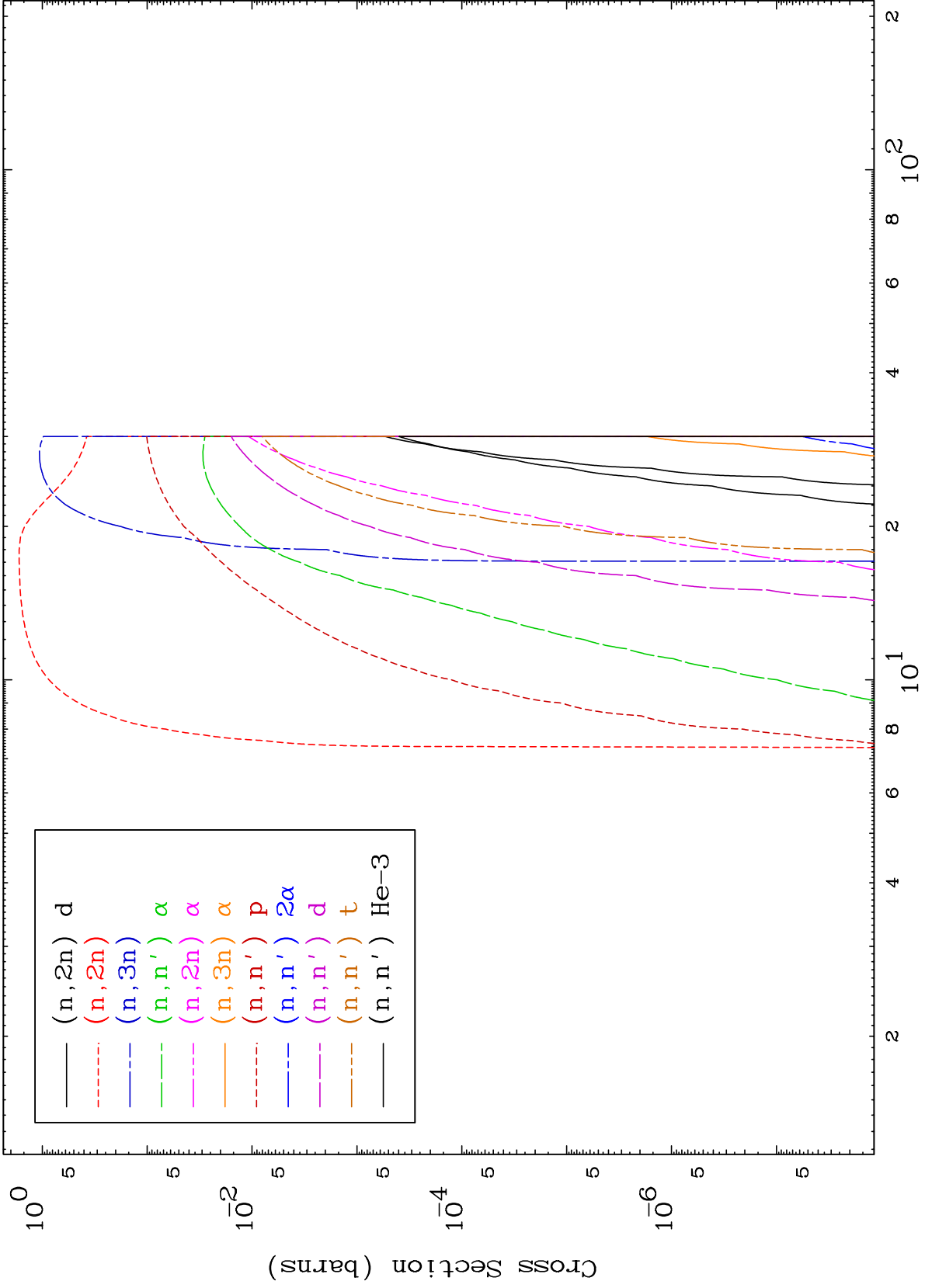
55-Cs-130m



MAT 5517

Neutron Absorption
293 Kelvin Cross Sections

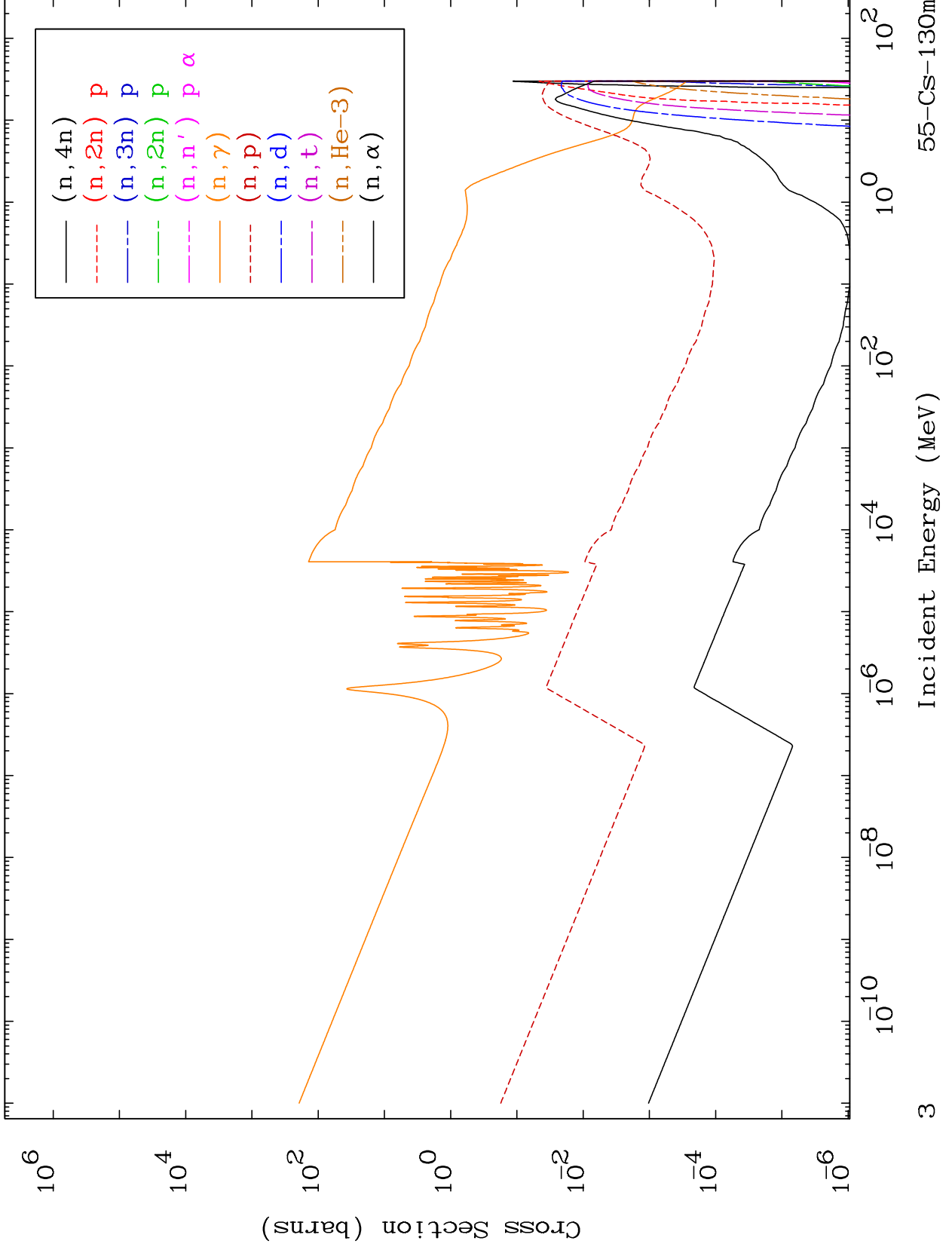
55-Cs-130m



MAT 5517

Neutron Absorption
293 Kelvin Cross Sections

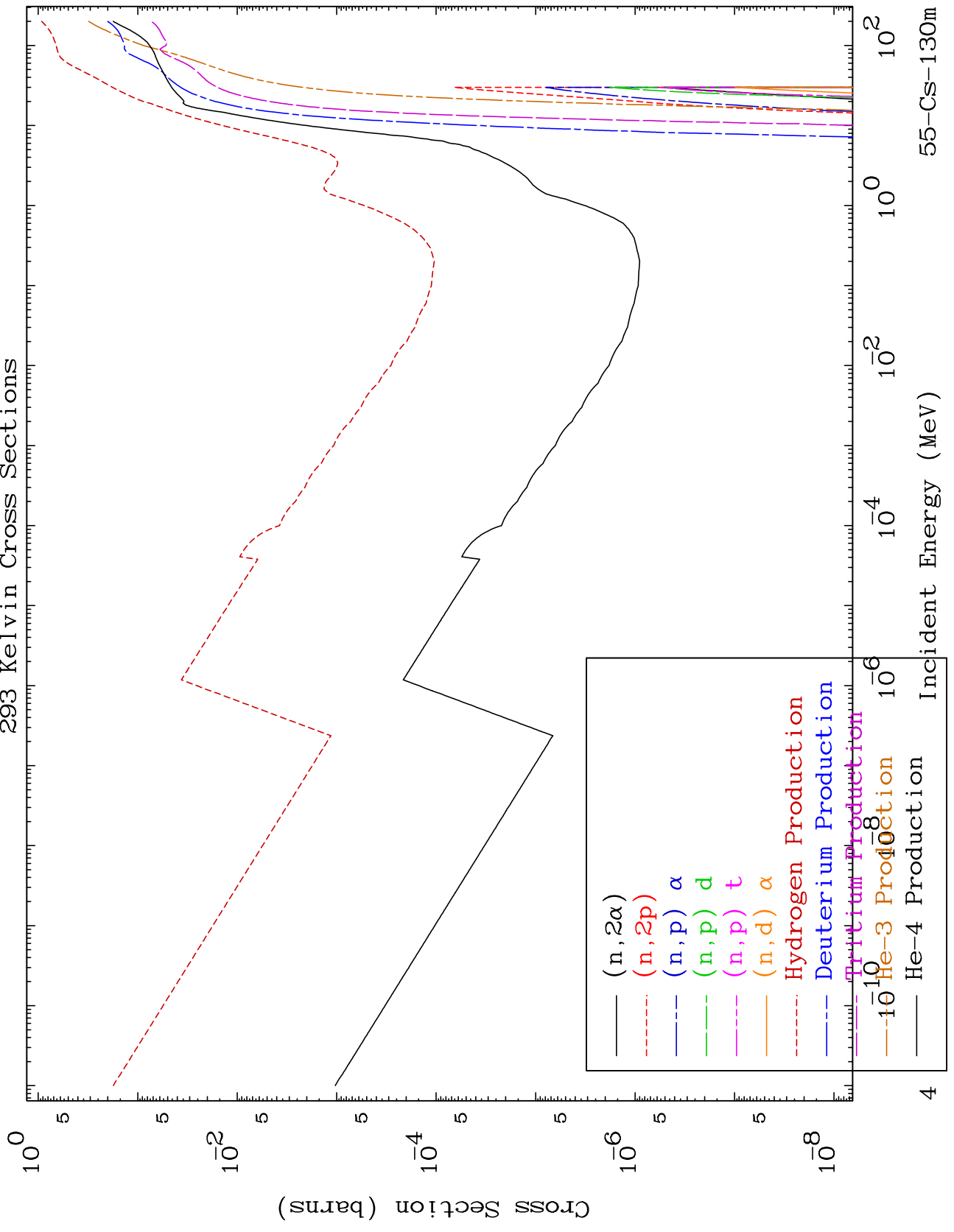
55-Cs-130m



MAT 5517

Neutron Absorption
293 Kelvin Cross Sections

55-Cs-130m



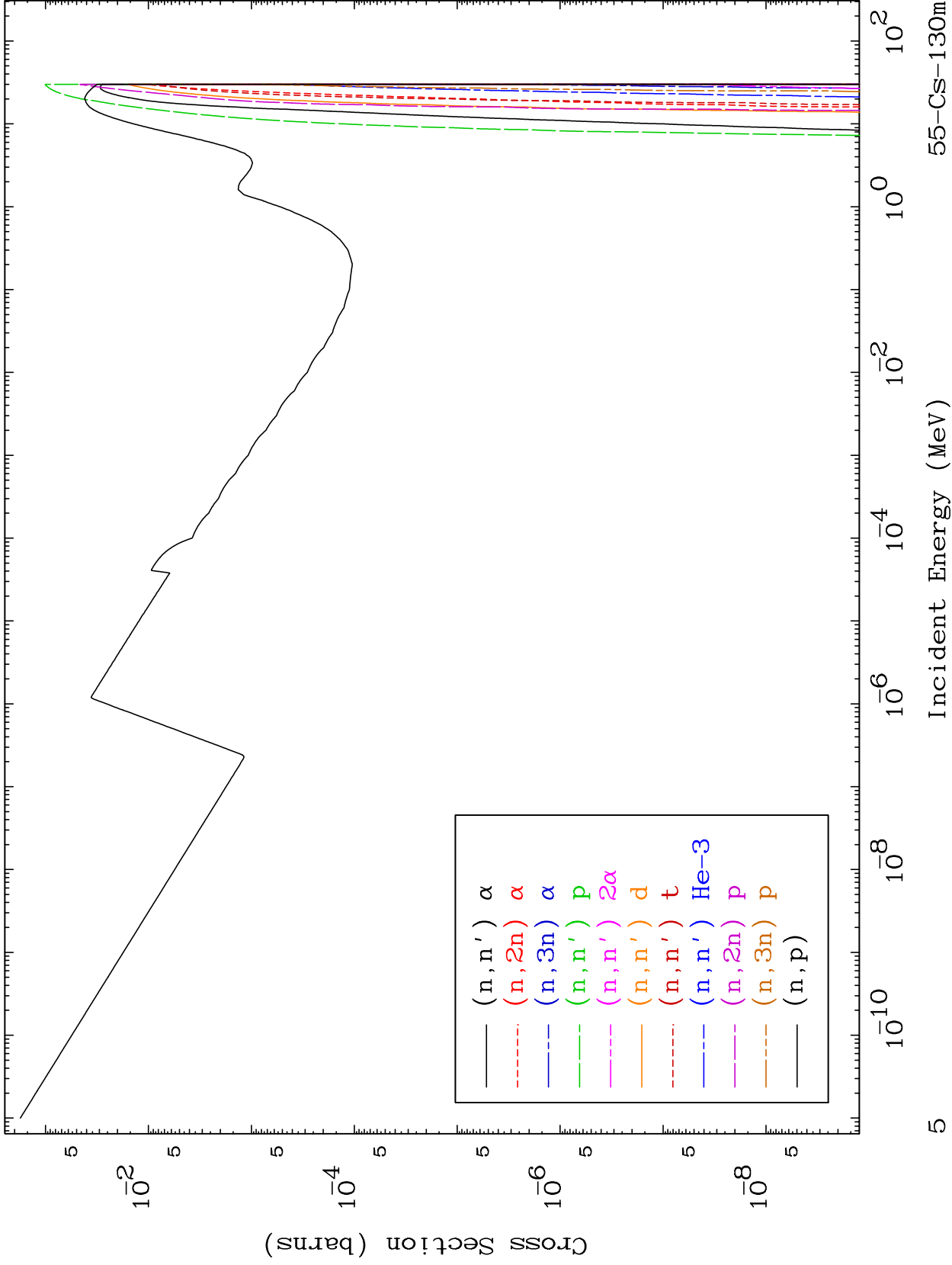
Incident Energy (MeV)

55-Cs-130m

MAT 5517

Charged Particle
293 Kelvin Cross Sections

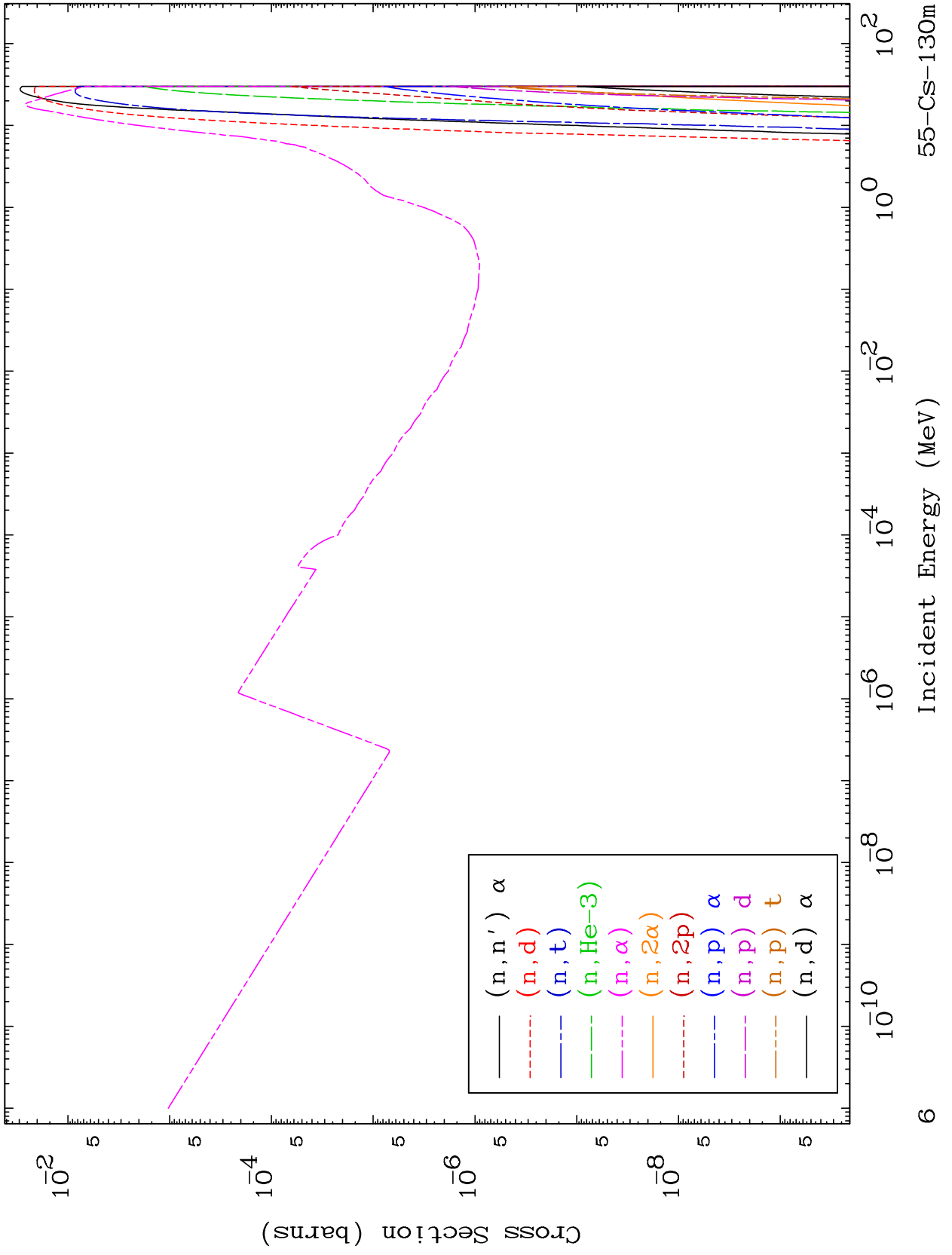
55-Cs-130m



MAT 5517

Charged Particle
293 Kelvin Cross Sections

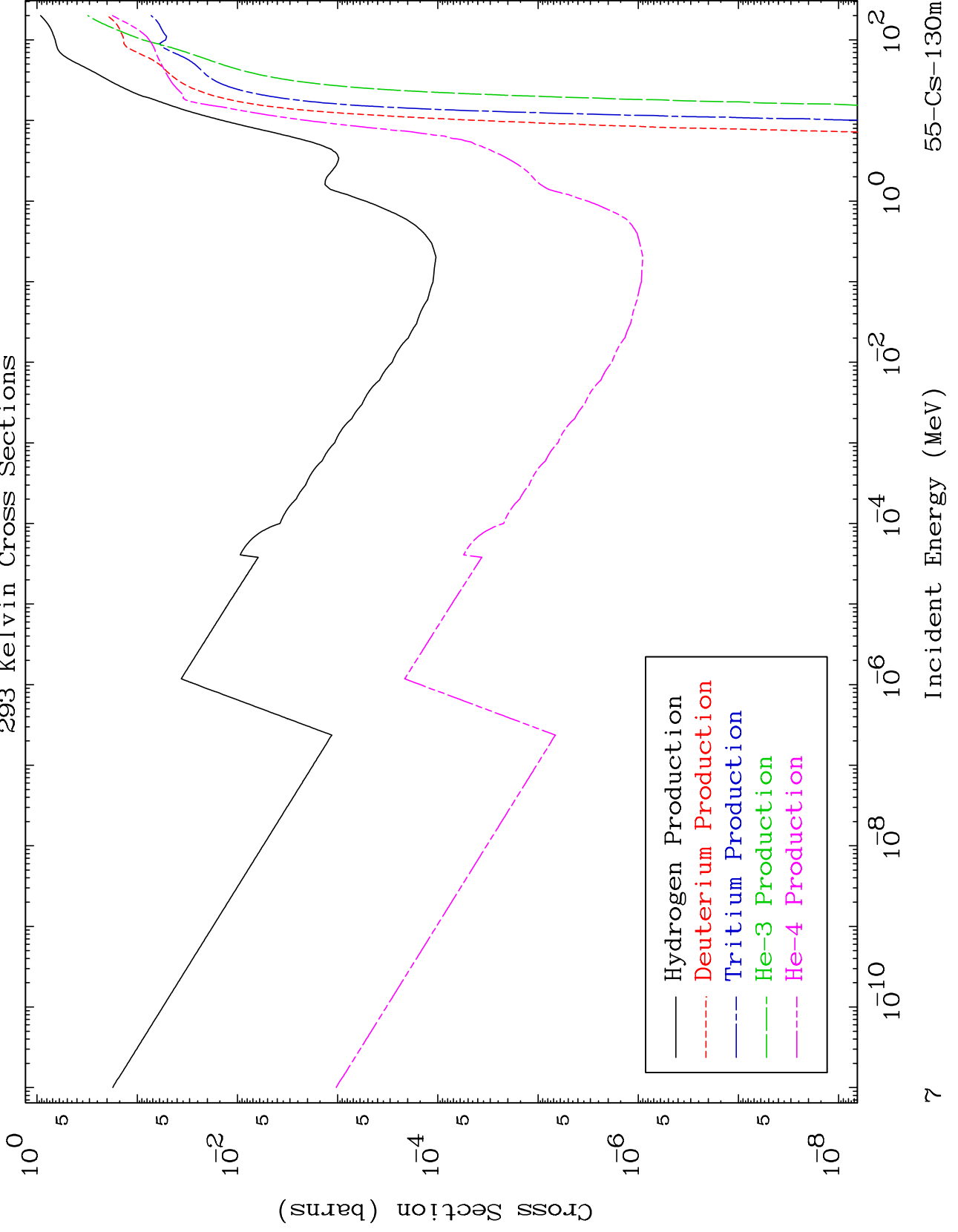
55-Cs-130m



MAT 5517

Particle Production
293 Kelvin Cross Sections

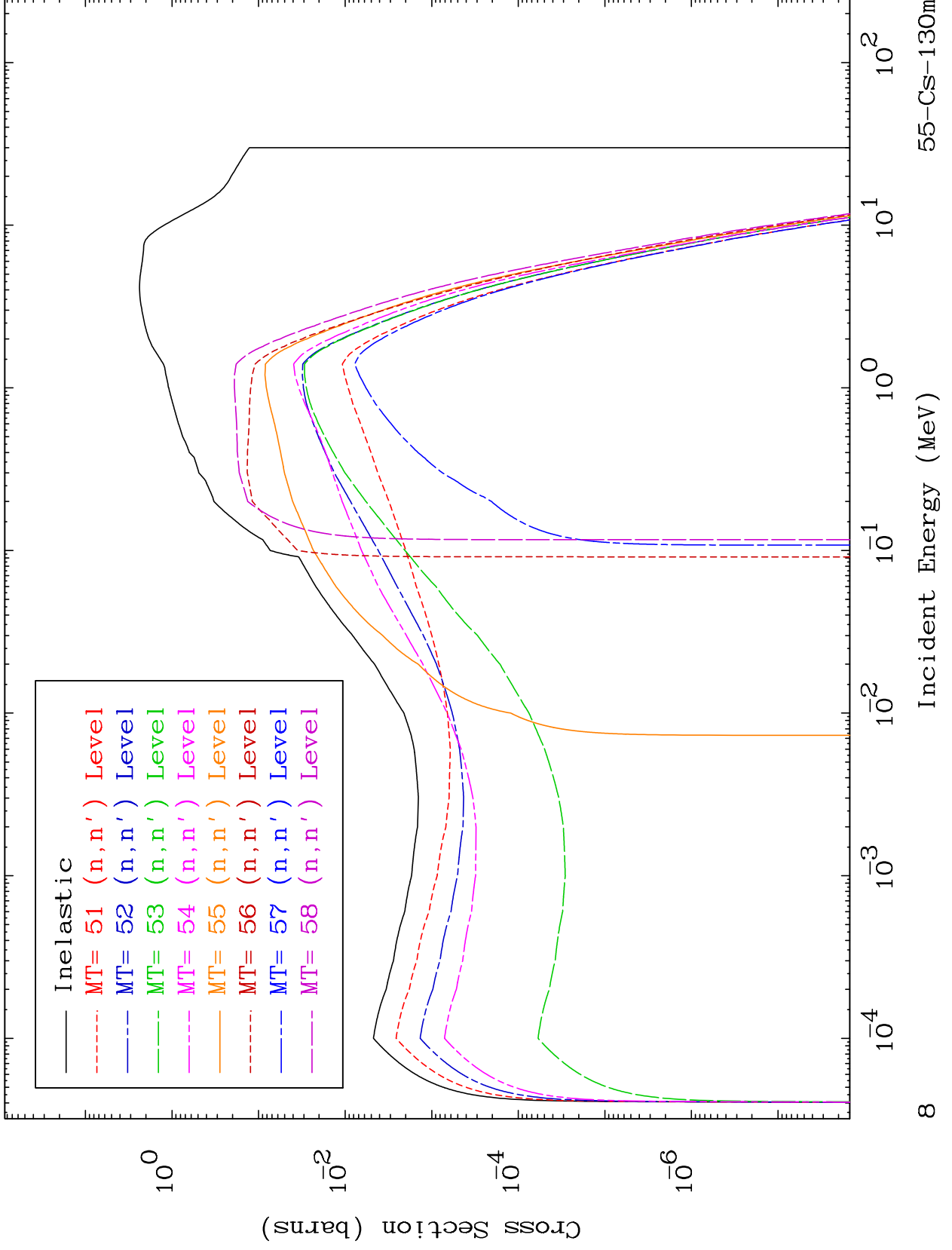
55-Cs-130m



MAT 5517

(n,n') Levels
293 Kelvin Cross Sections

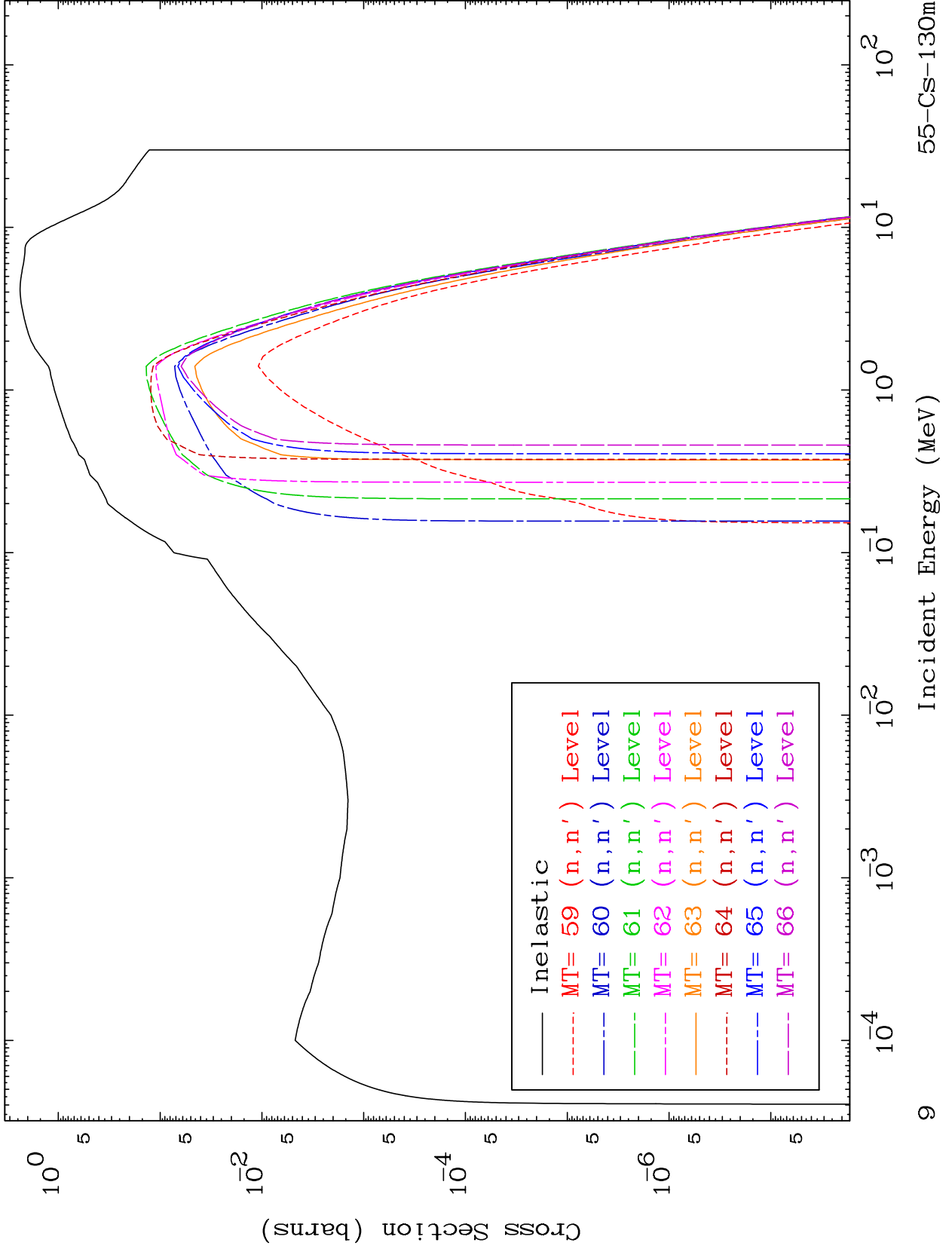
55-Cs-130m



MAT 5517

(n,n') Levels
293 Kelvin Cross Sections

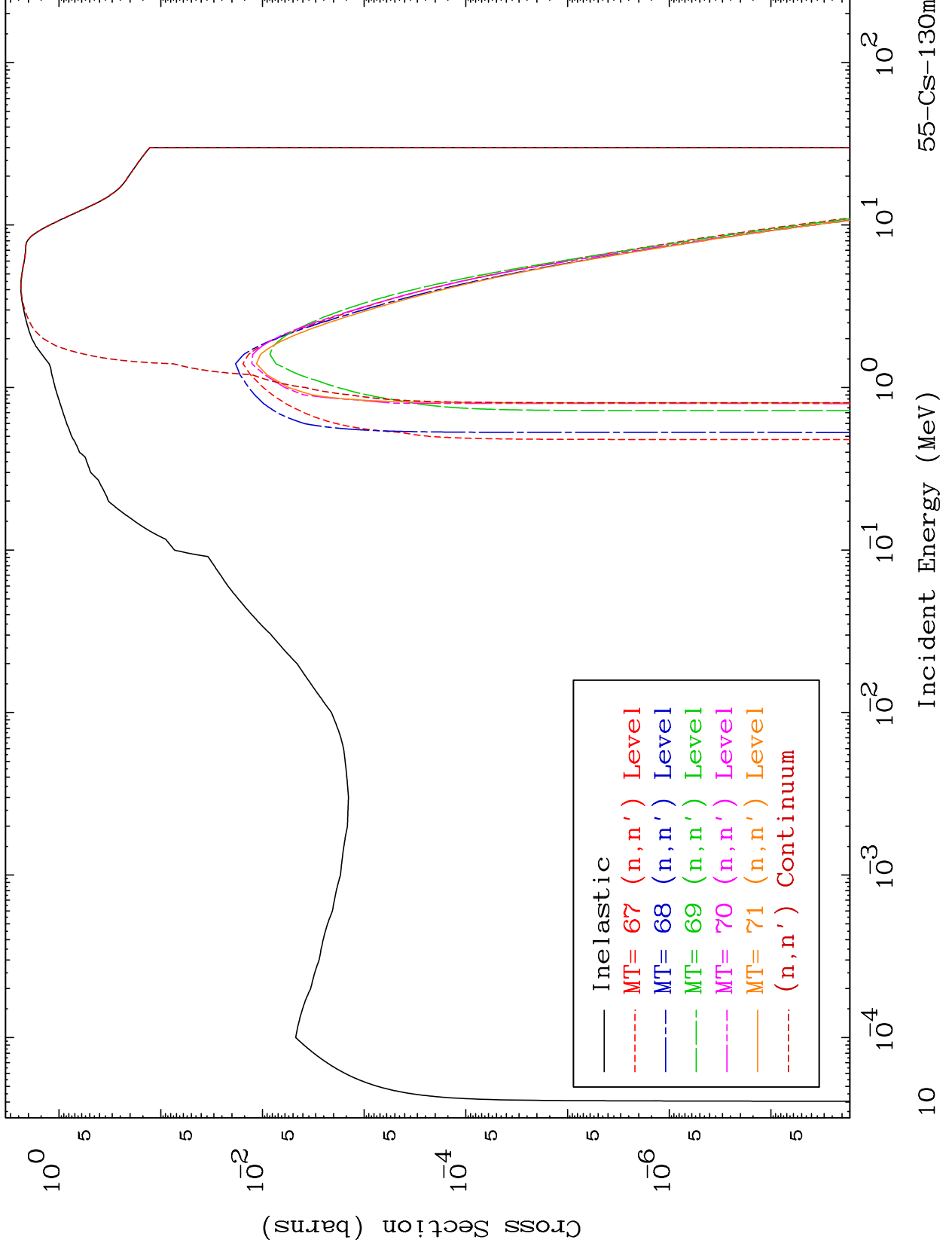
55-Cs-130m

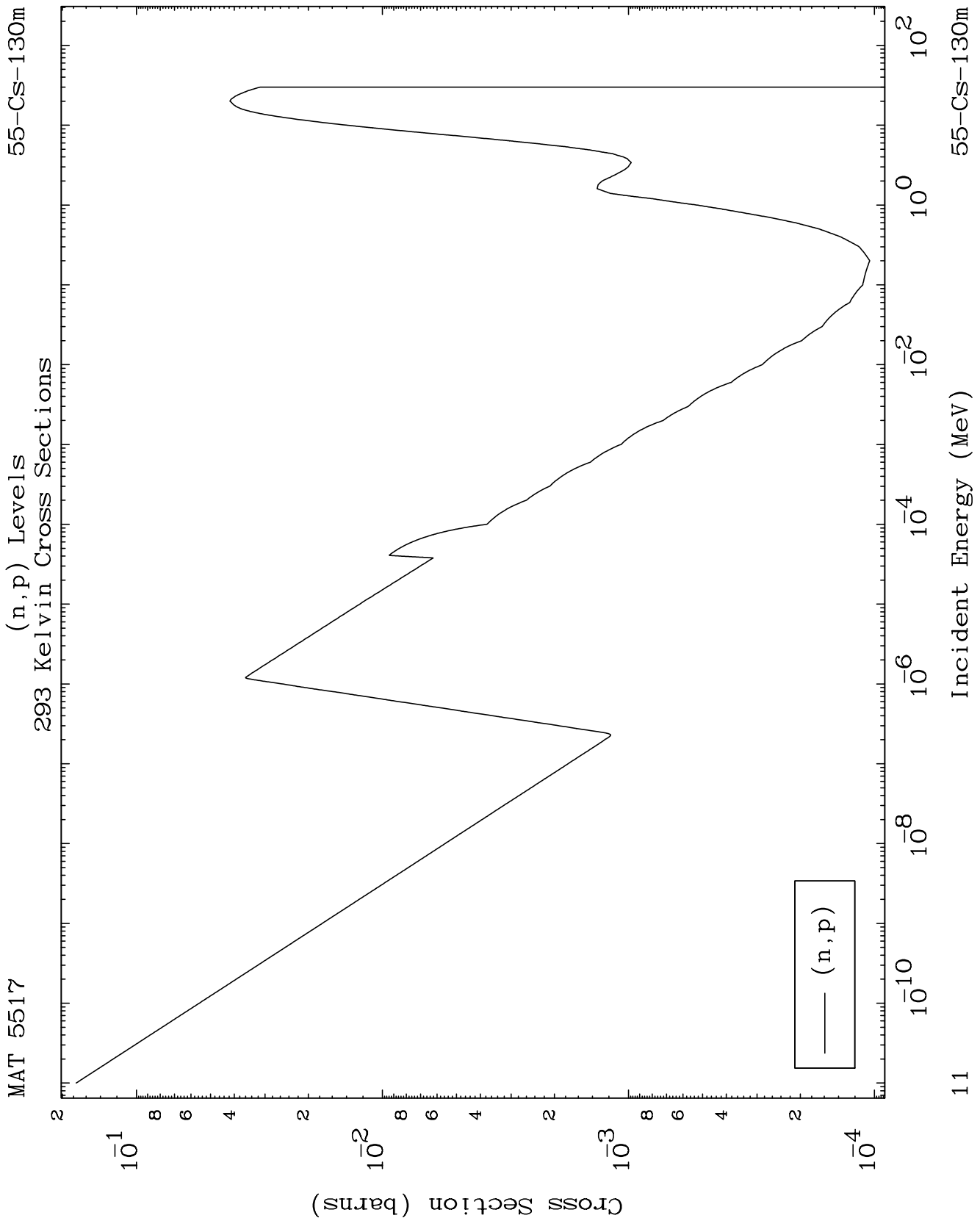


MAT 5517

(n,n') Levels
293 Kelvin Cross Sections

55-Cs-130m

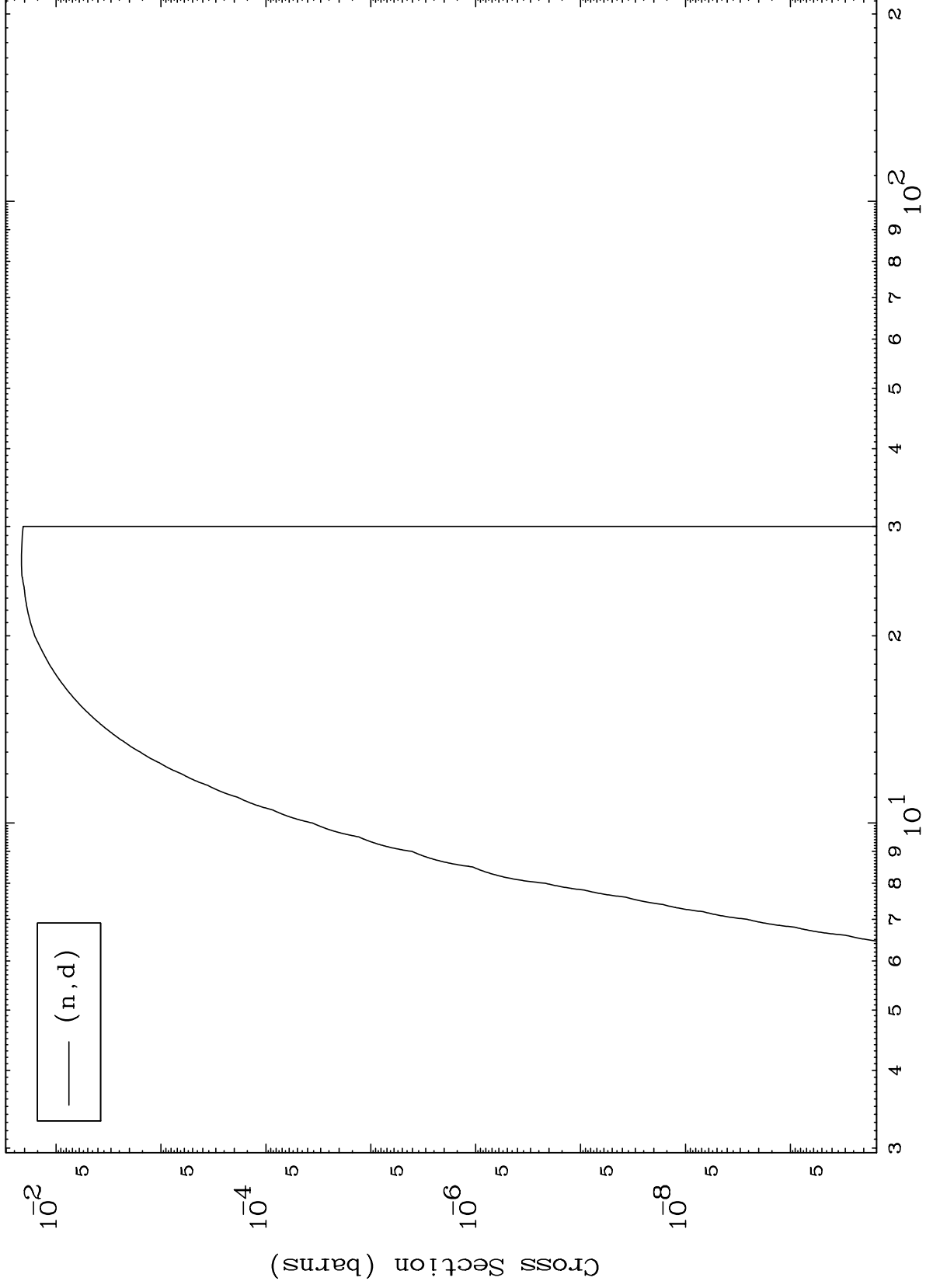




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(n,d) Levels
293 Kelvin Cross Sections

55-Cs-130m



12

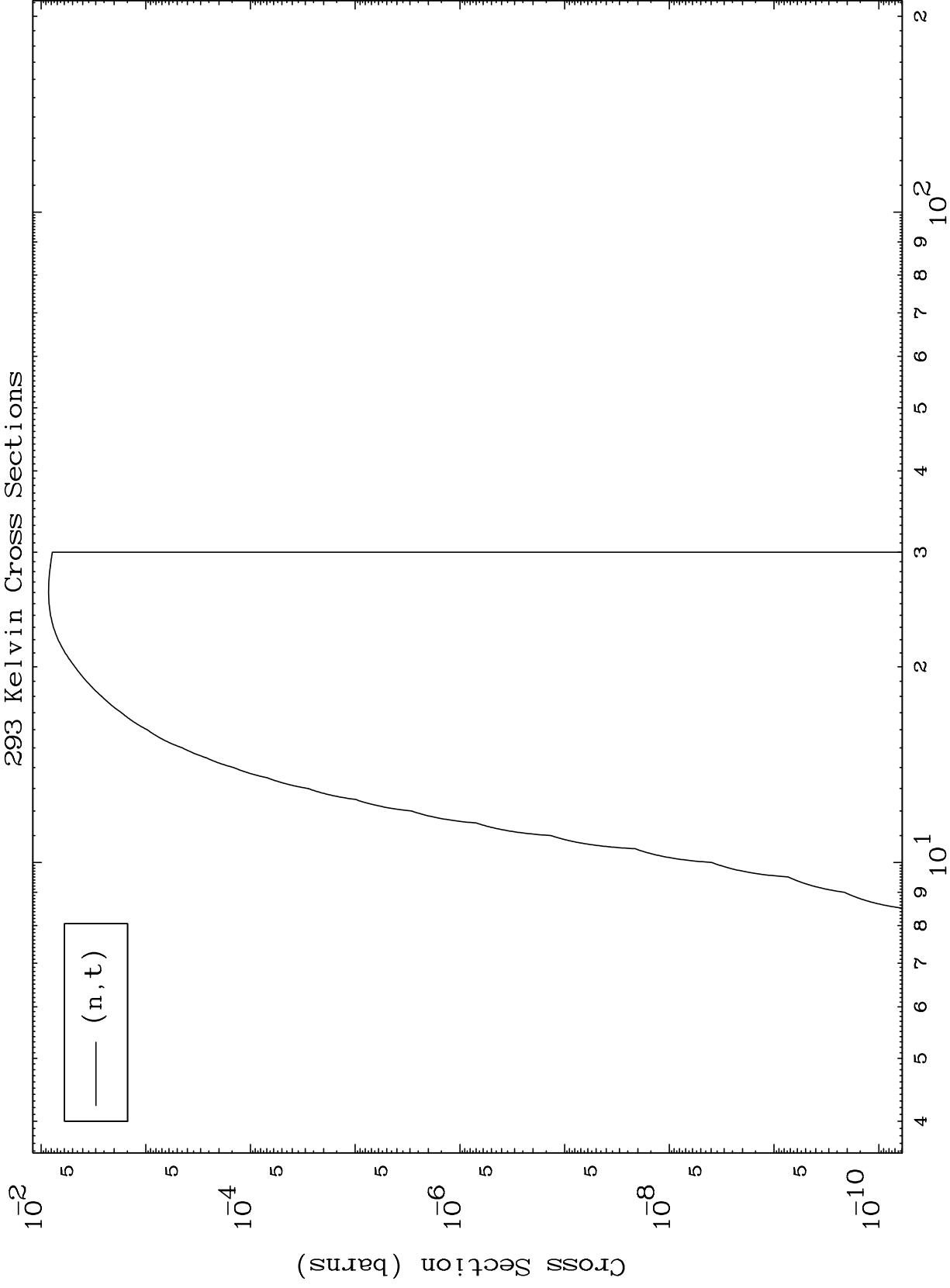
Incident Energy (MeV)

55-Cs-130m

MAT 5517

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-130m



13

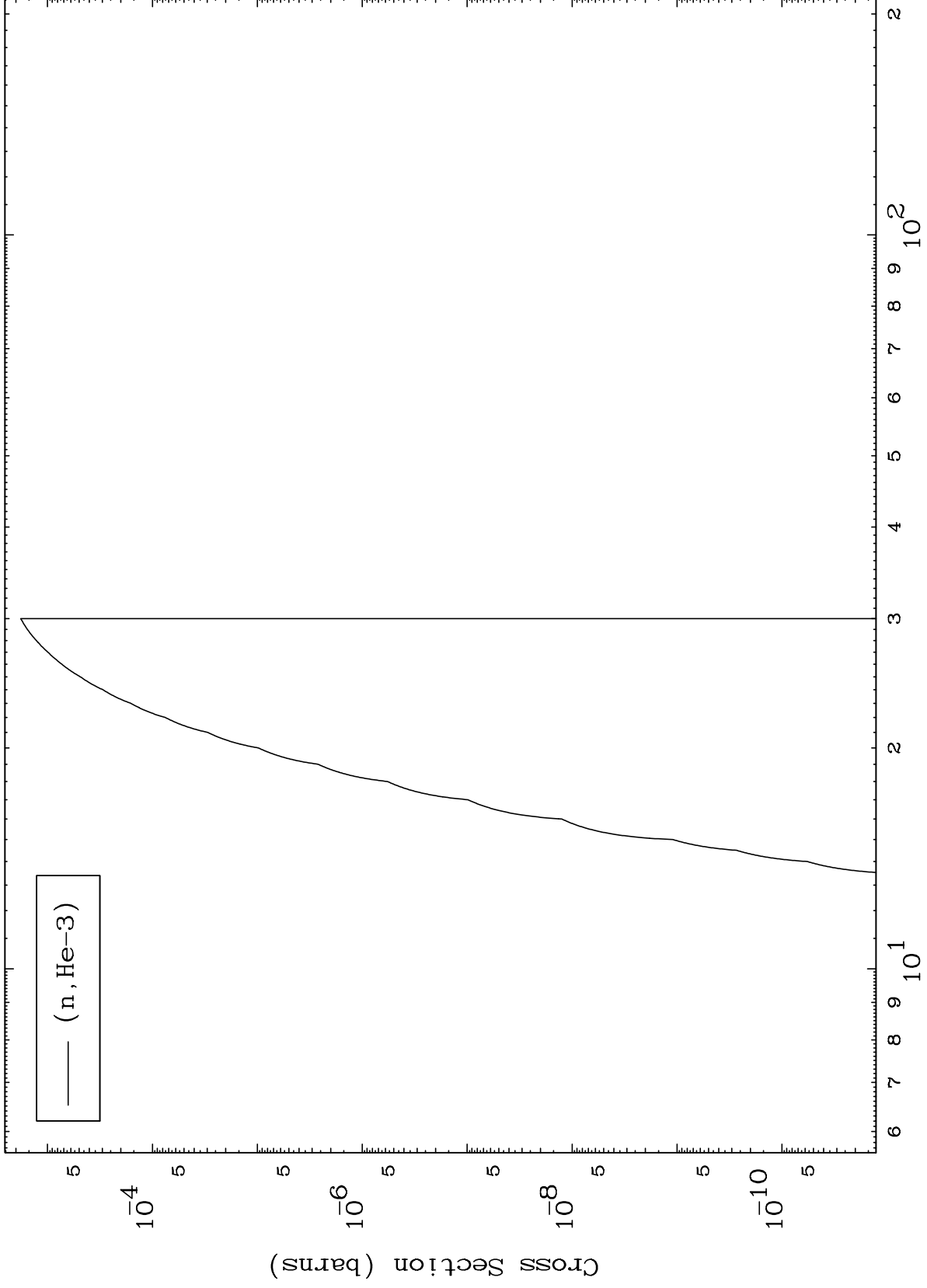
Incident Energy (MeV)

55-Cs-130m

MAT 5517

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-130m



14

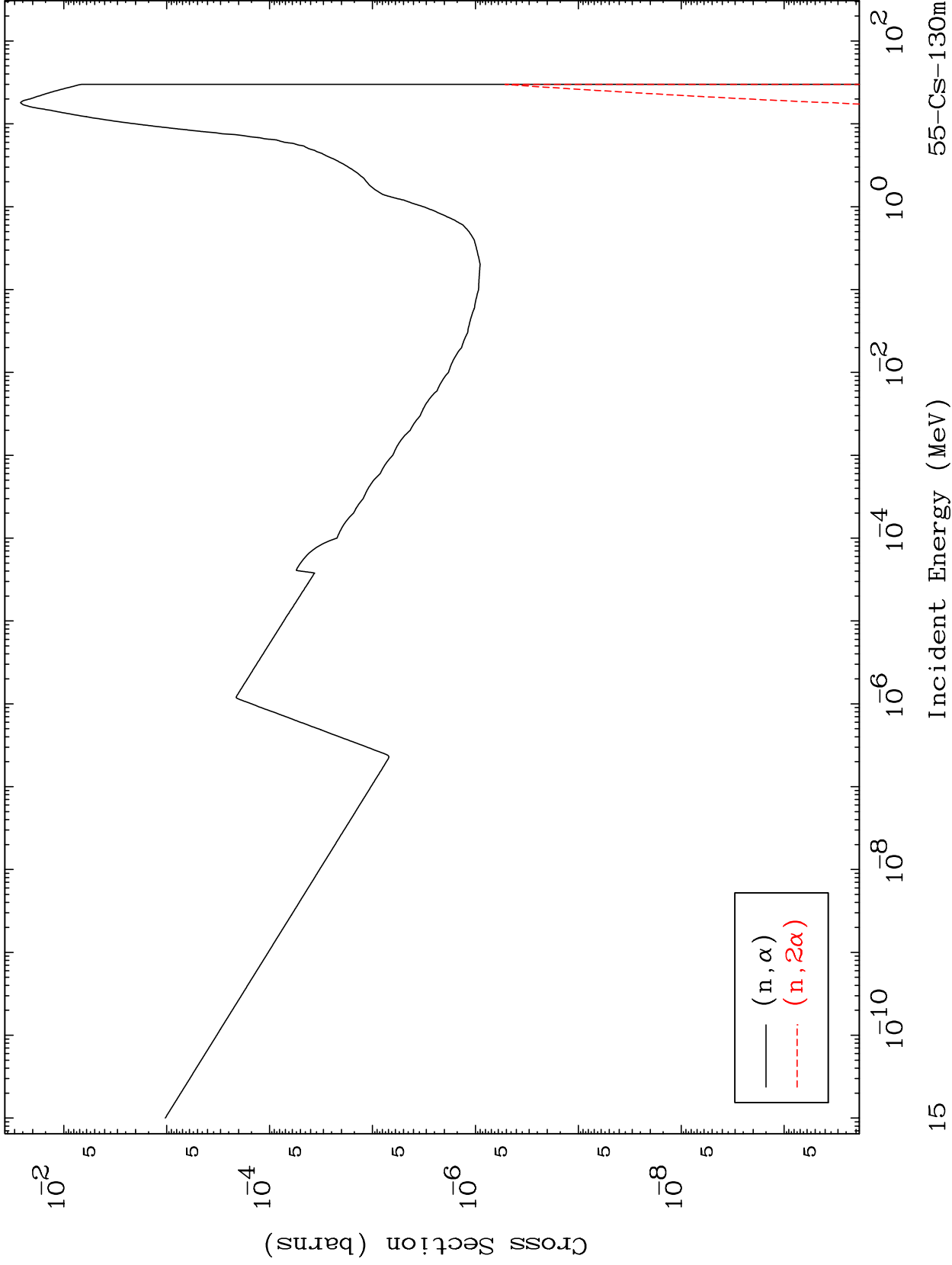
Incident Energy (MeV)

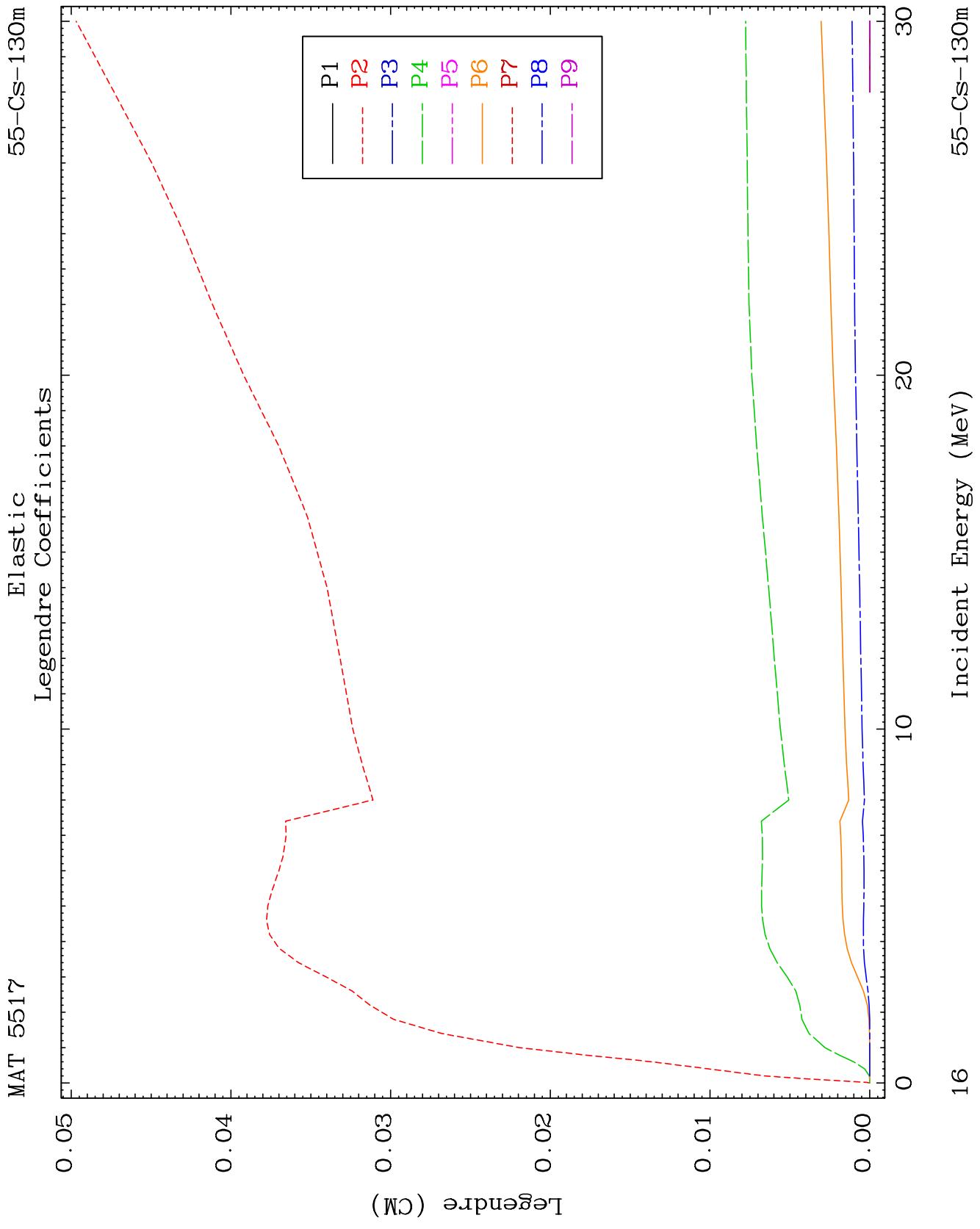
55-Cs-130m

MAT 5517

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-130m

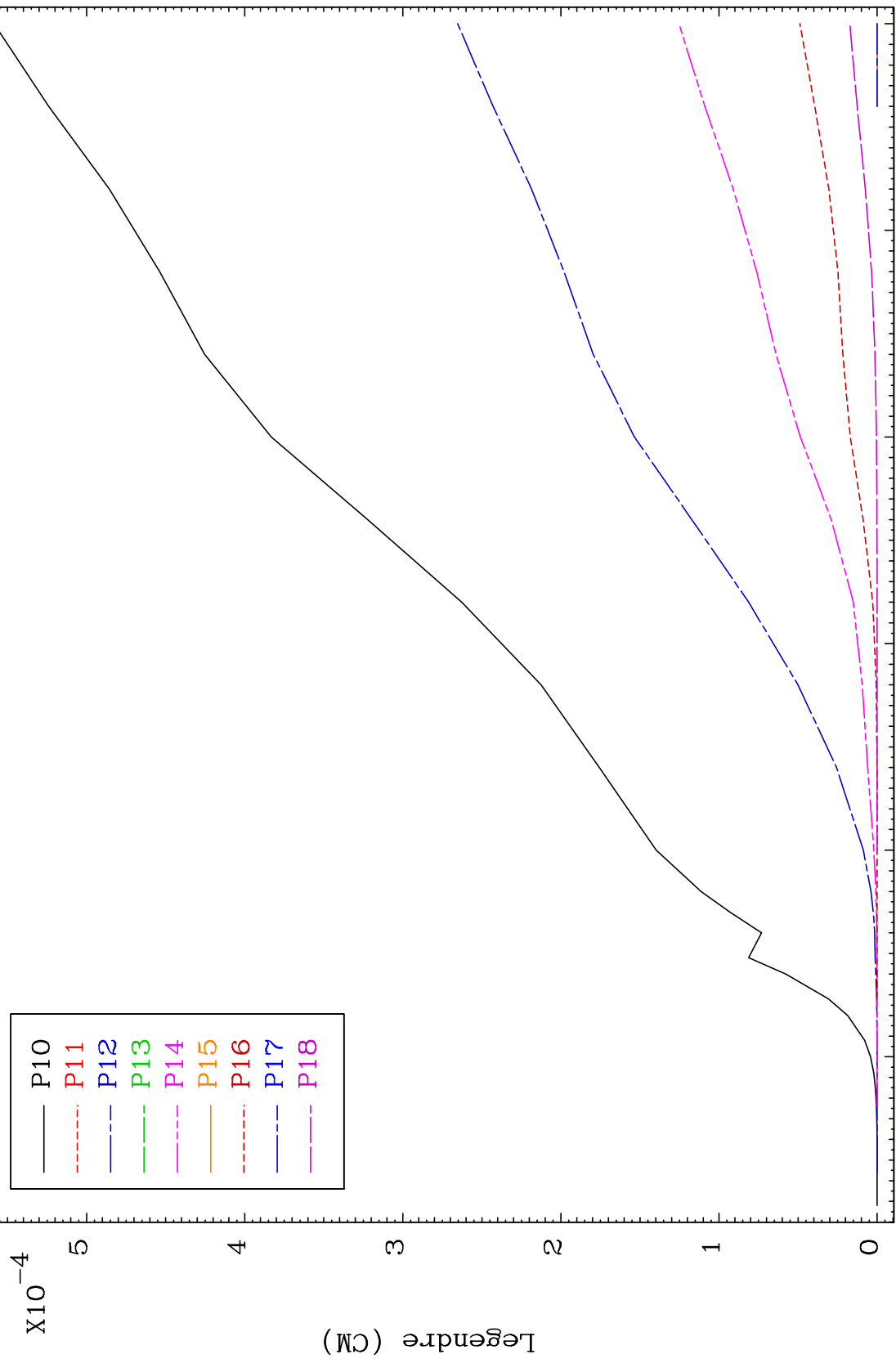
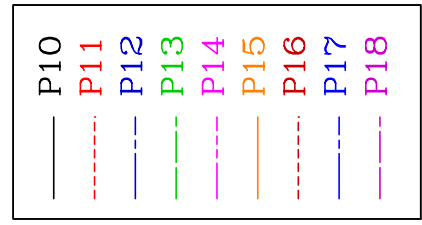




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Elastic Legendre Coefficients

55-Cs-130m



17

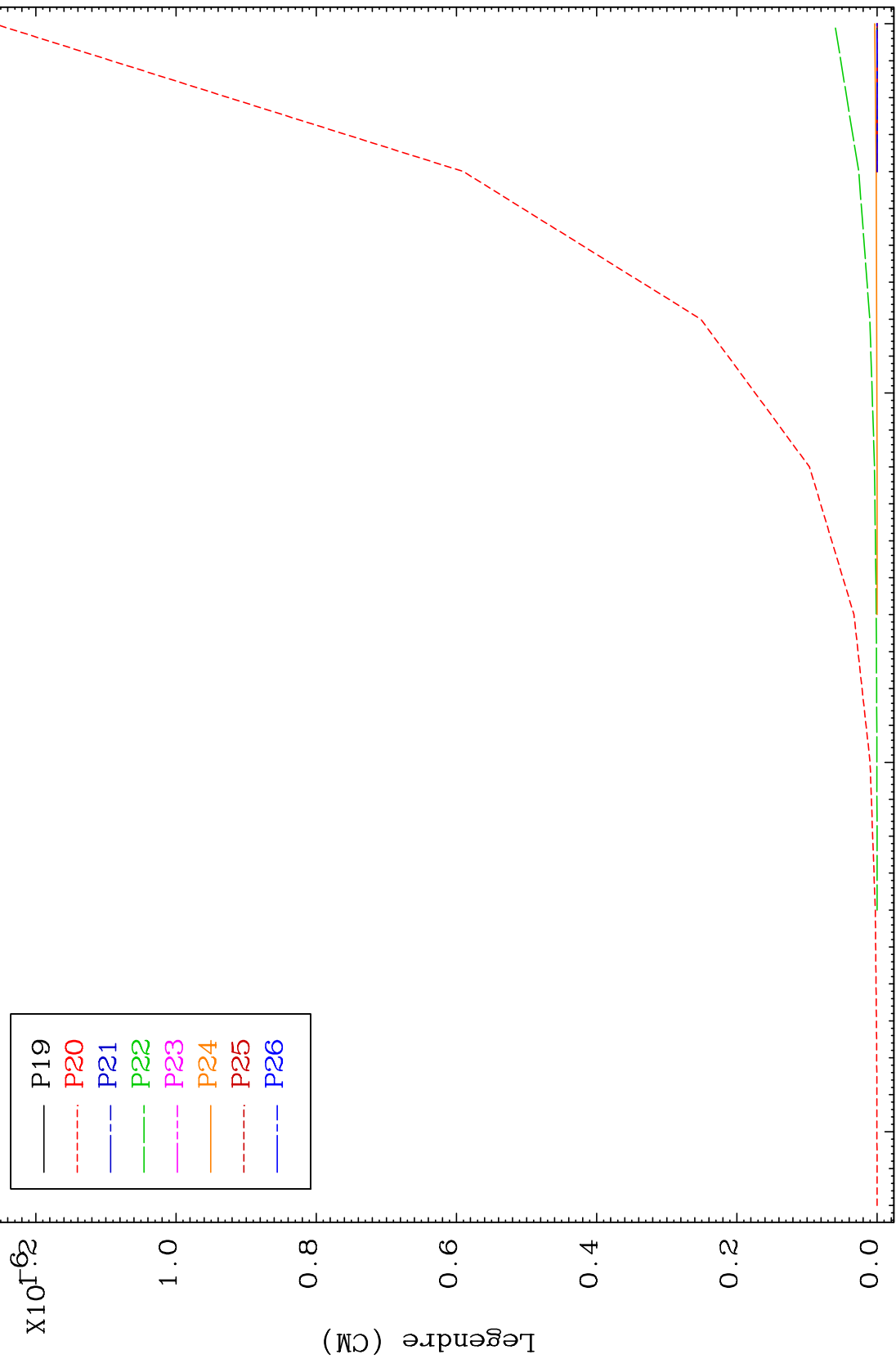
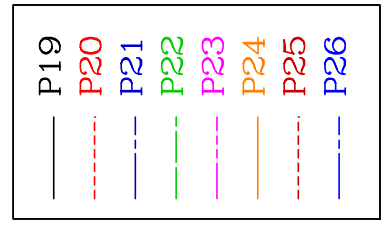
Incident Energy (MeV)

55-Cs-130m

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Elastic Legendre Coefficients

55-Cs-130m



18

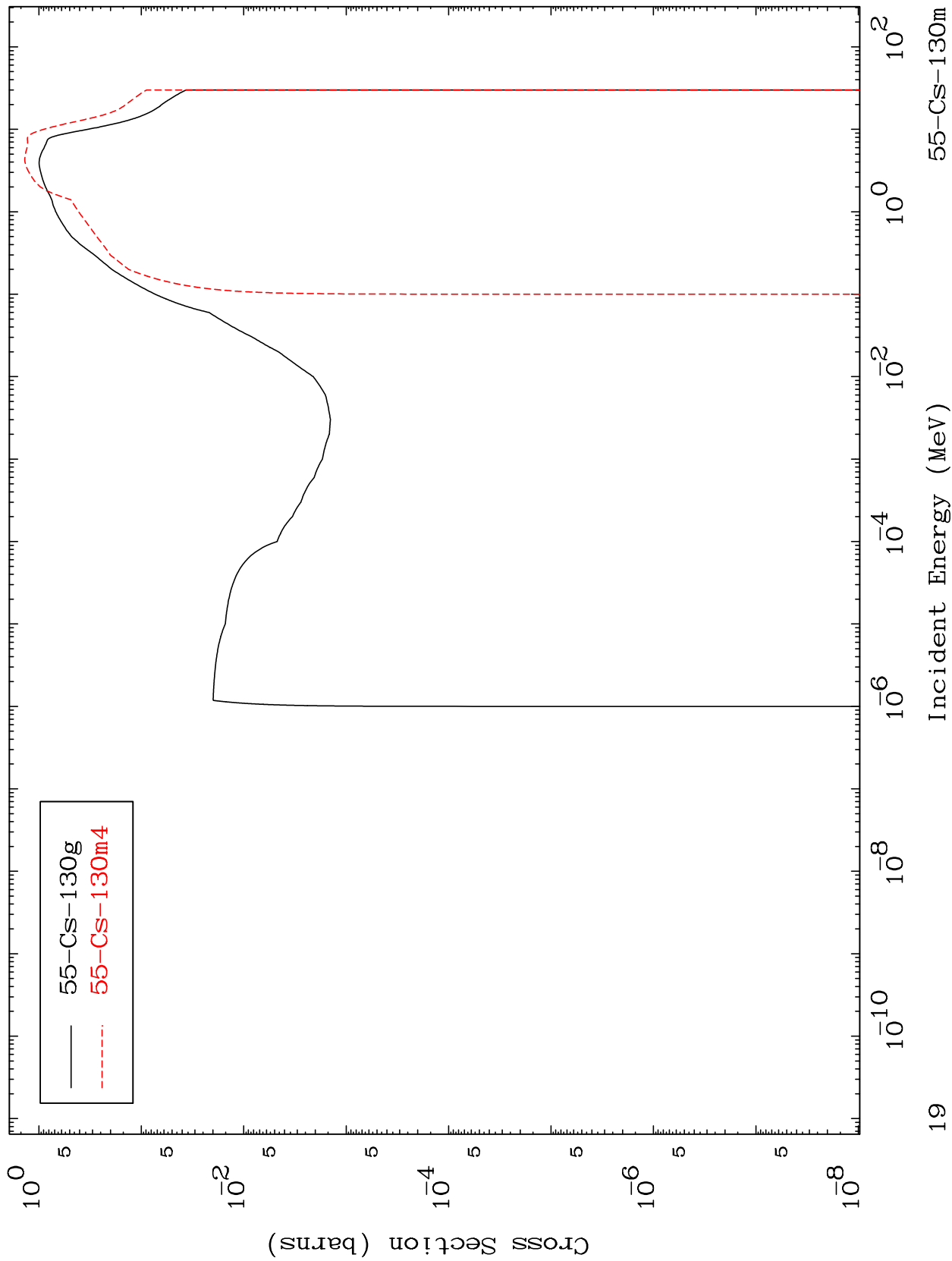
Incident Energy (MeV)

55-Cs-130m

MAT 5517

55-Cs-130m

Inelastic
Radionuclide Production Cross Section

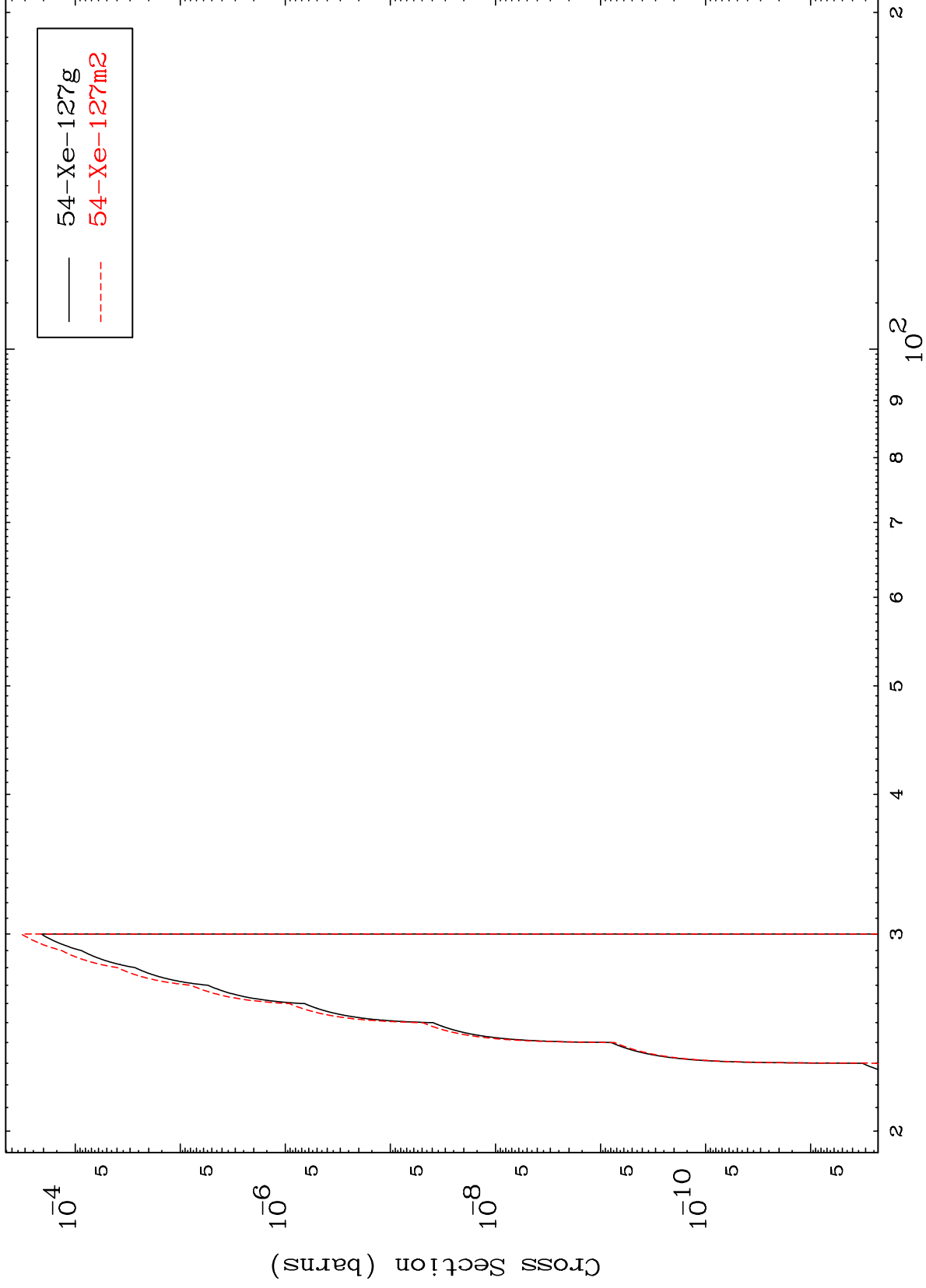


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(n,2n) d

55-Cs-130m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

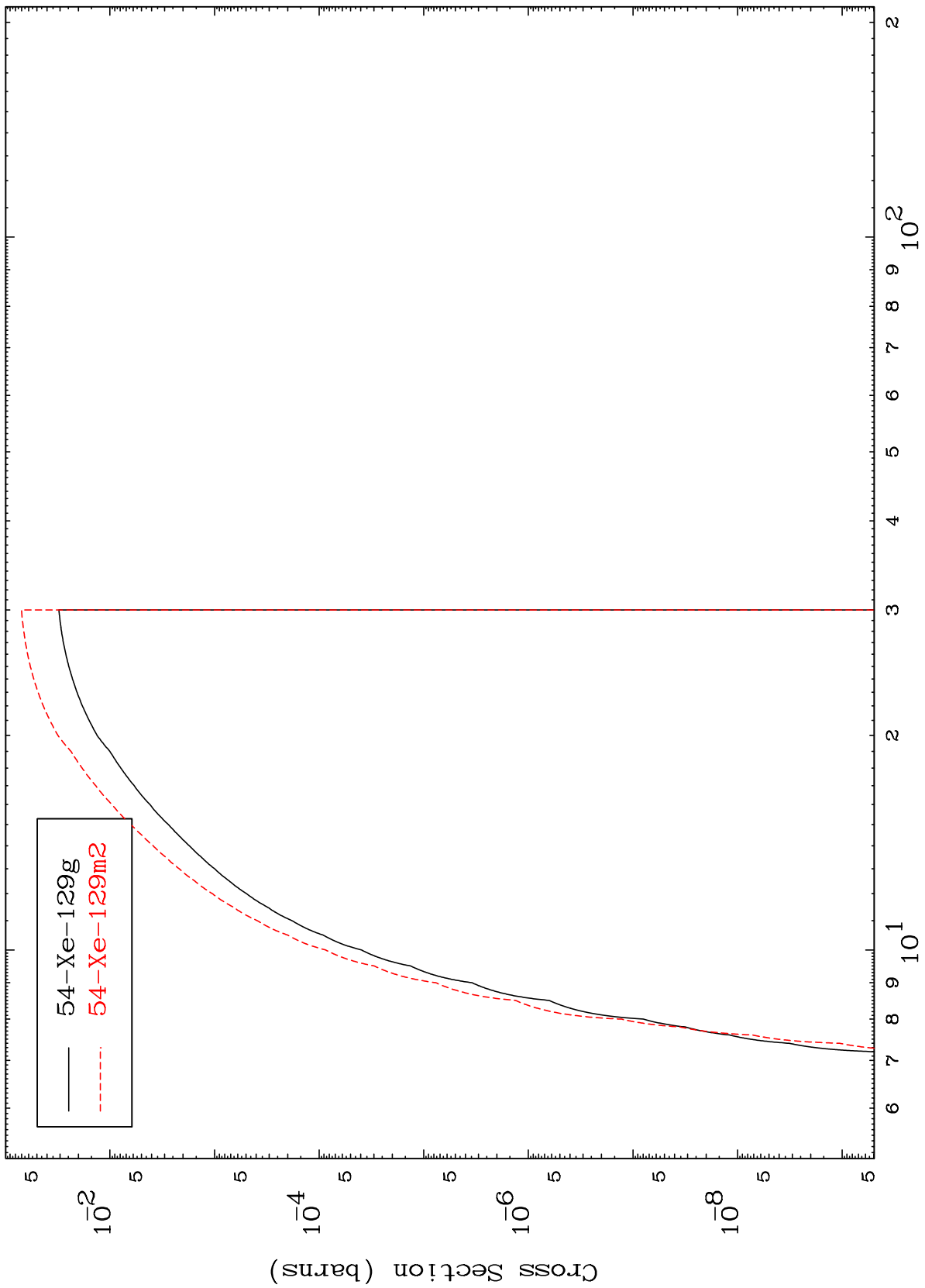
55-Cs-130m

MAT 5517

(n,n') p

55-Cs-130m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

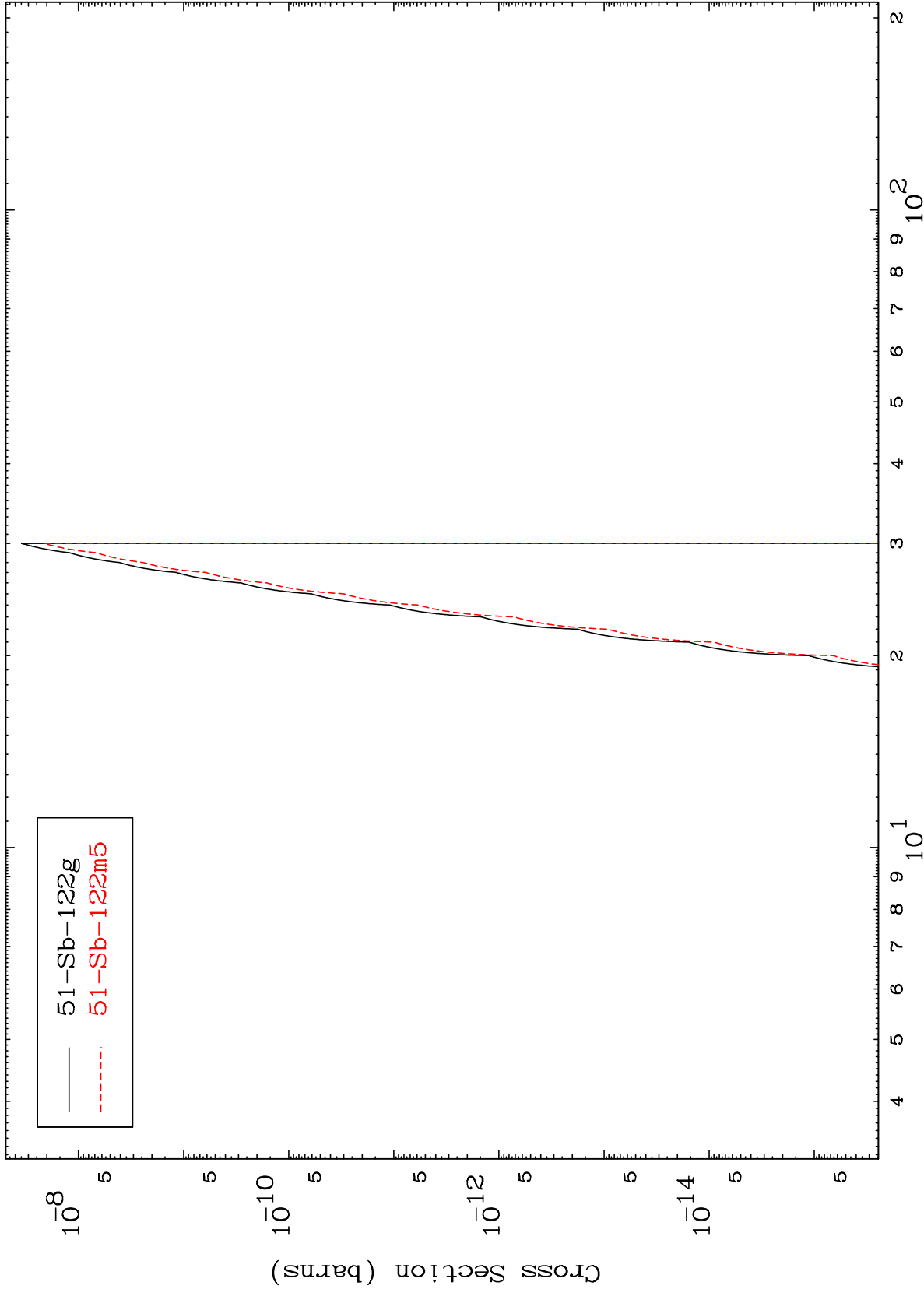
55-Cs-130m

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(n,n') 2α

55-Cs-130m

Radionuclide Production Cross Section



51-Sb-122g
51-Sb-122m5

Incident Energy (MeV)

55-Cs-130m

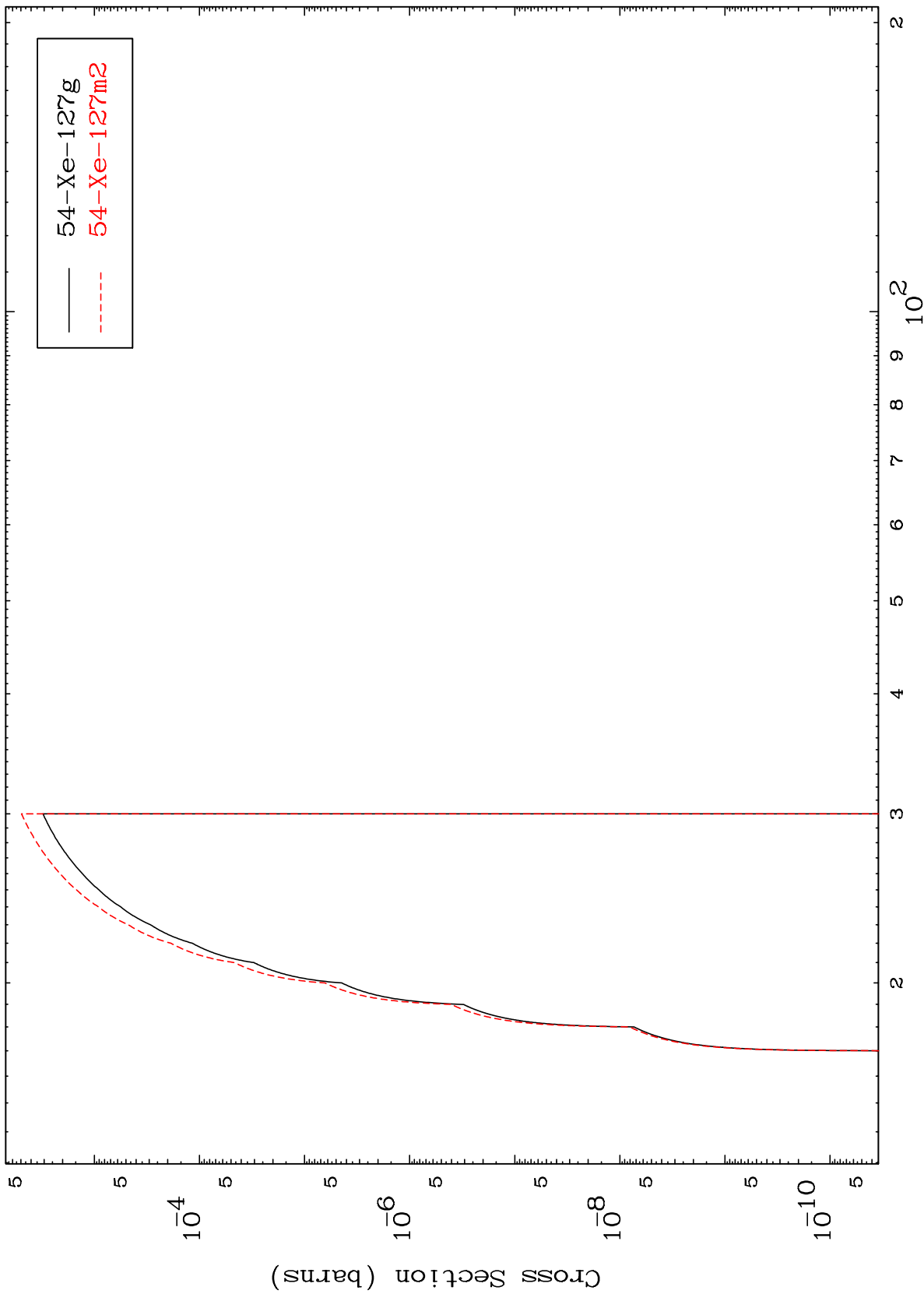
22

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(n,n') t

55-Cs-130m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

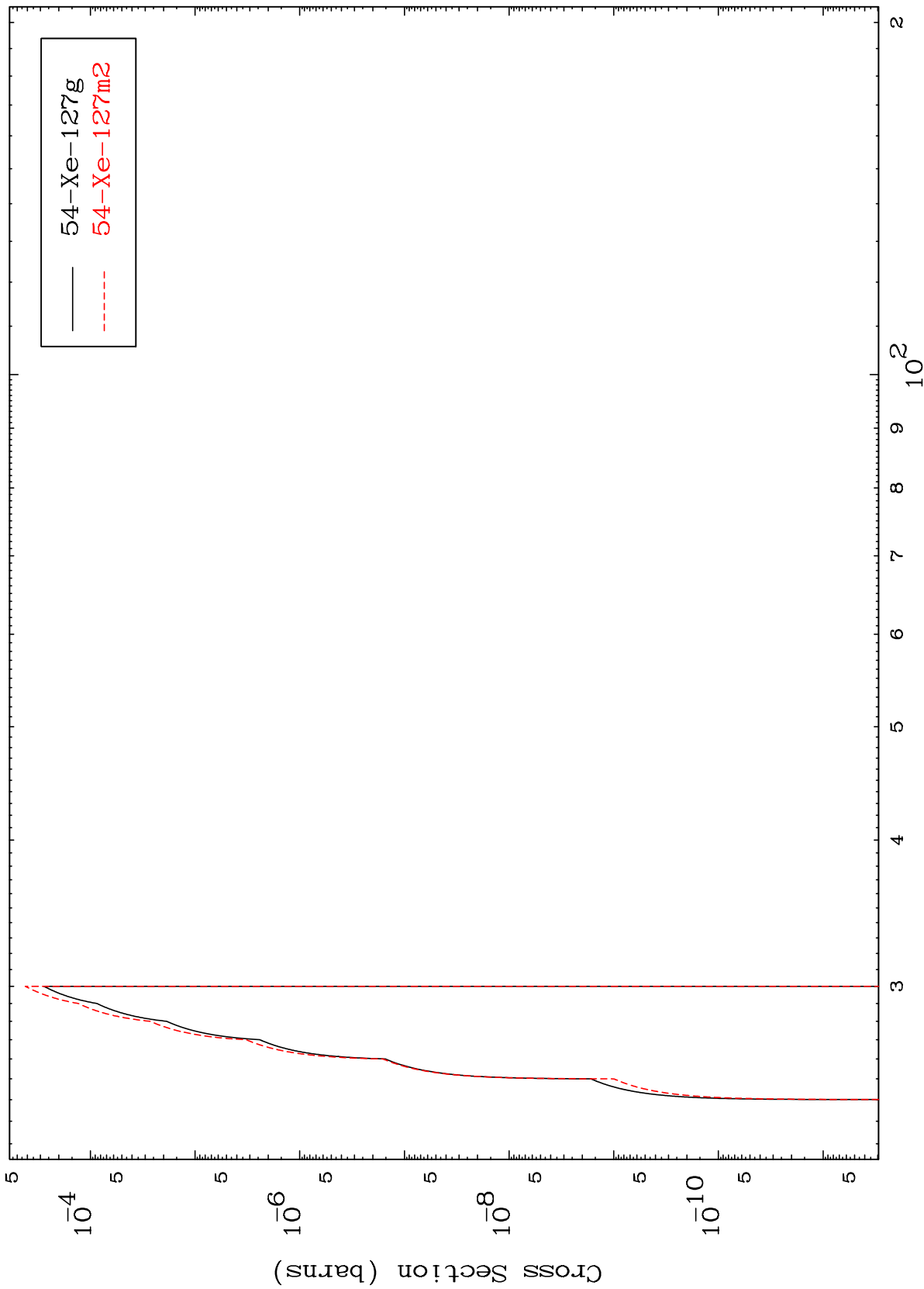
55-Cs-130m

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(n,3n) p

55-Cs-130m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

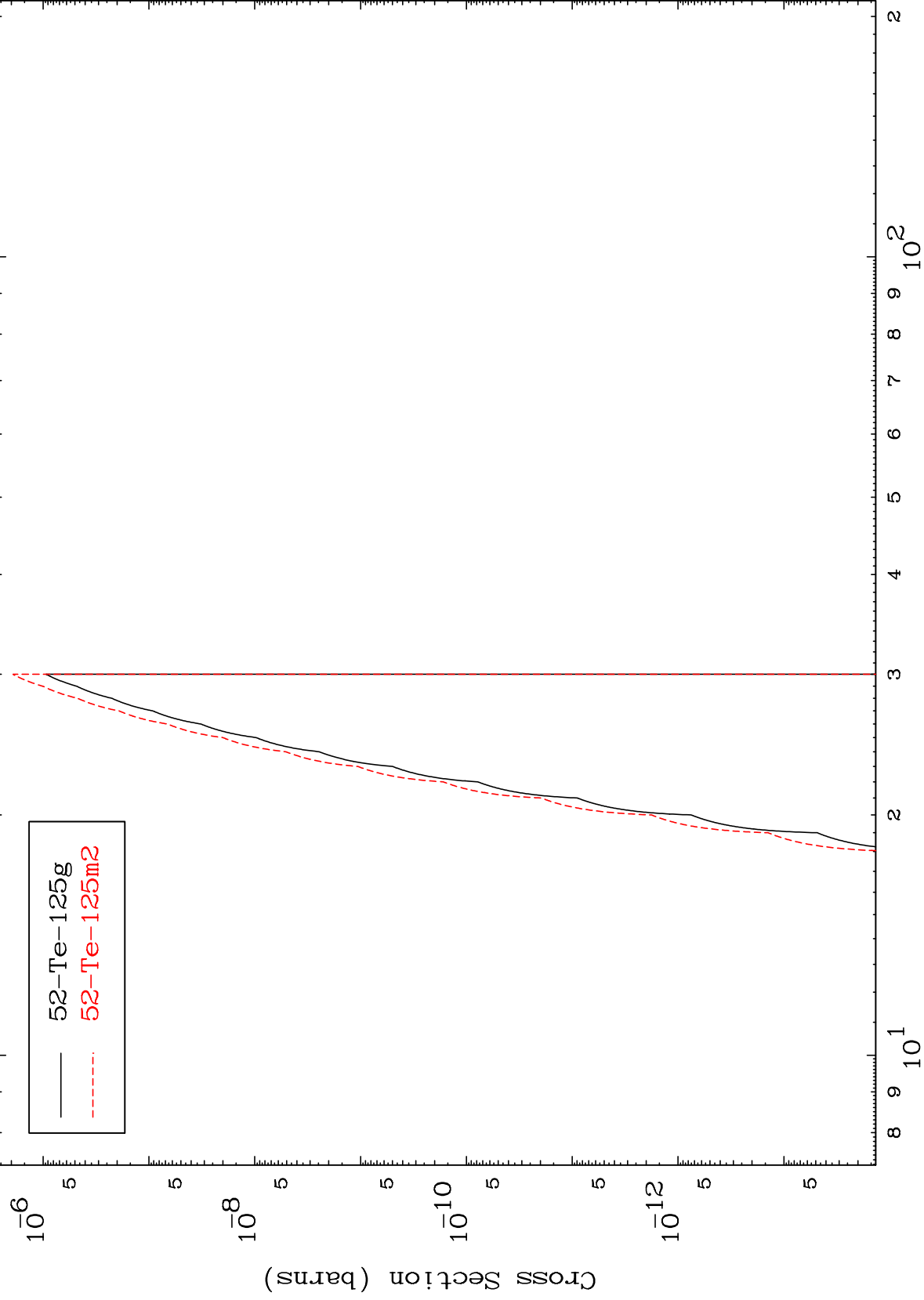
55-Cs-130m

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(n,n') p α

55-Cs-130m

Radionuclide Production Cross Section



25

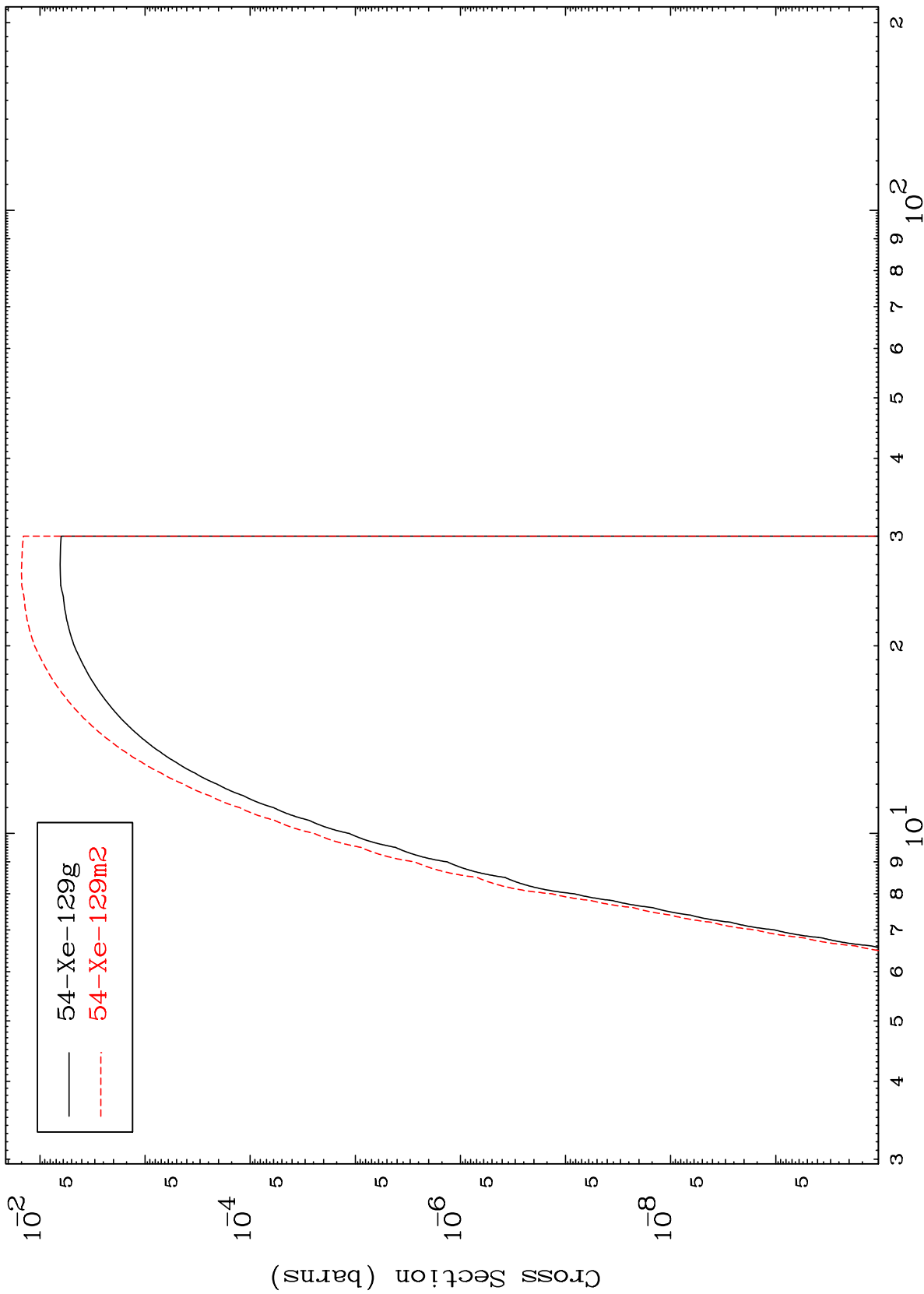
Incident Energy (MeV)

55-Cs-130m

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55-Cs-130m

(n,d)
Radionuclide Production Cross Section



55-Cs-130m

Incident Energy (MeV)

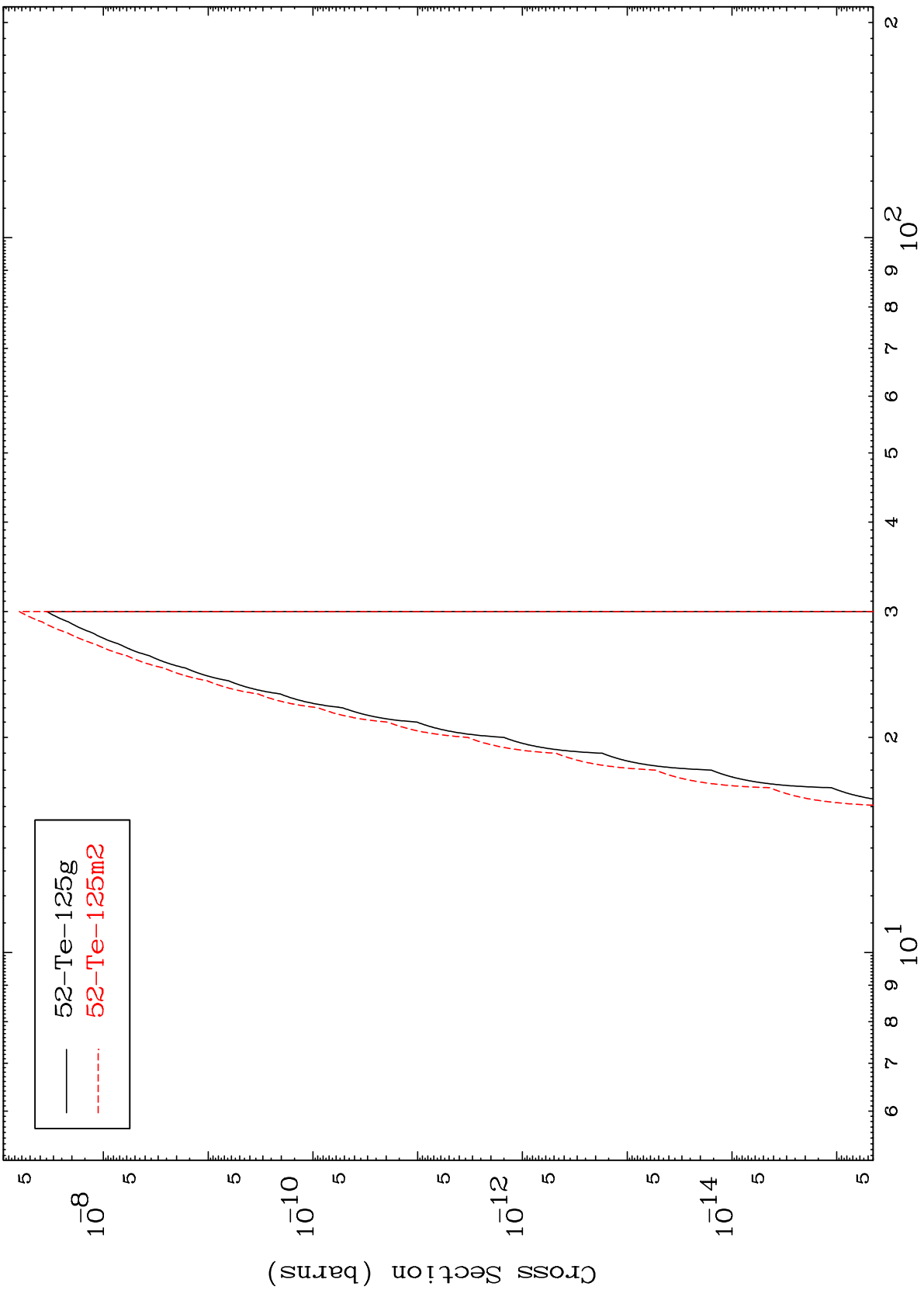
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(n,d) α

55-Cs-130m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

55-Cs-130m