

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

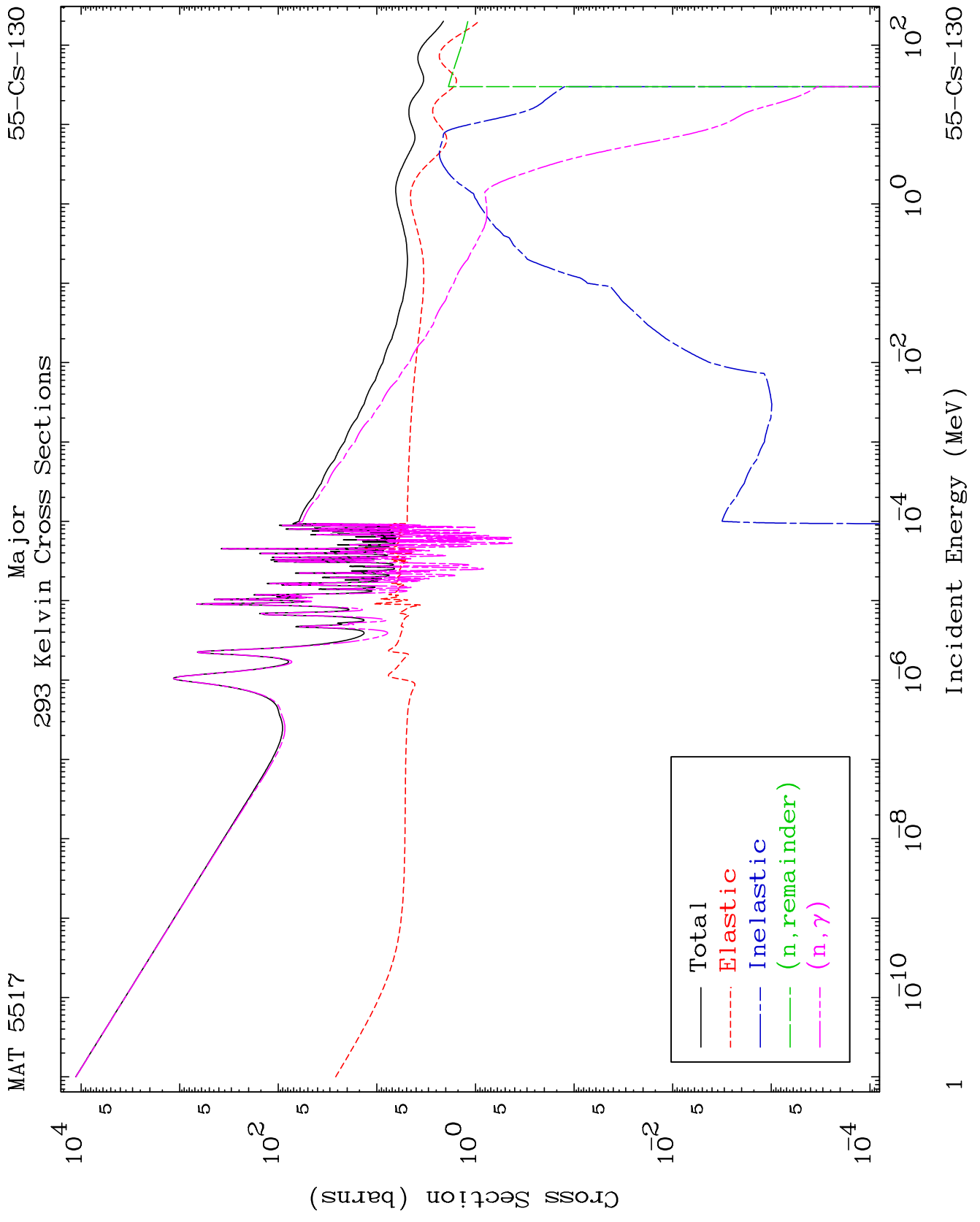
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Web:redcullen1.net/HOMEPAGE.NEW

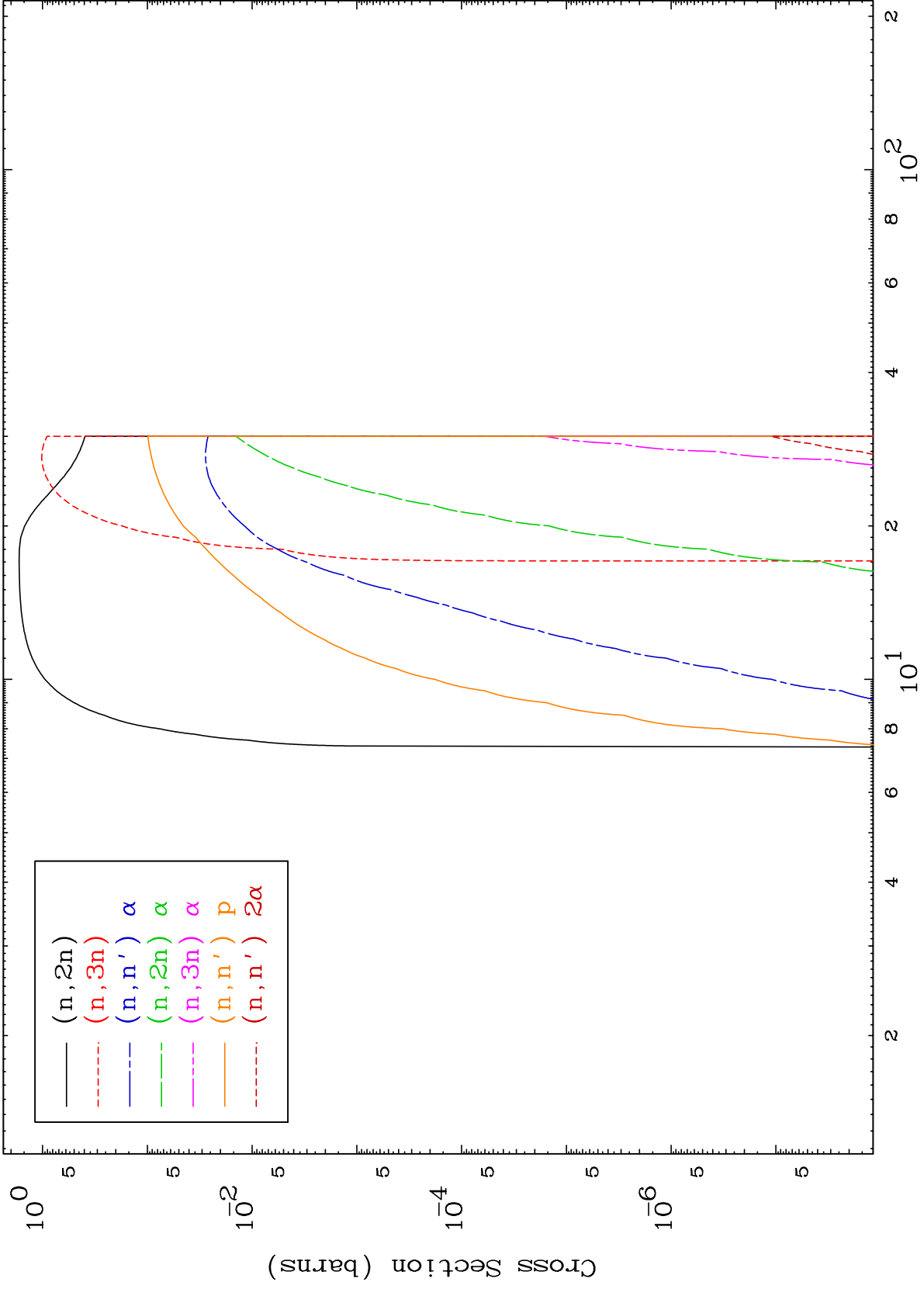
Press Mouse Button to Start



MAT 5517

Neutron Production
293 Kelvin Cross Sections

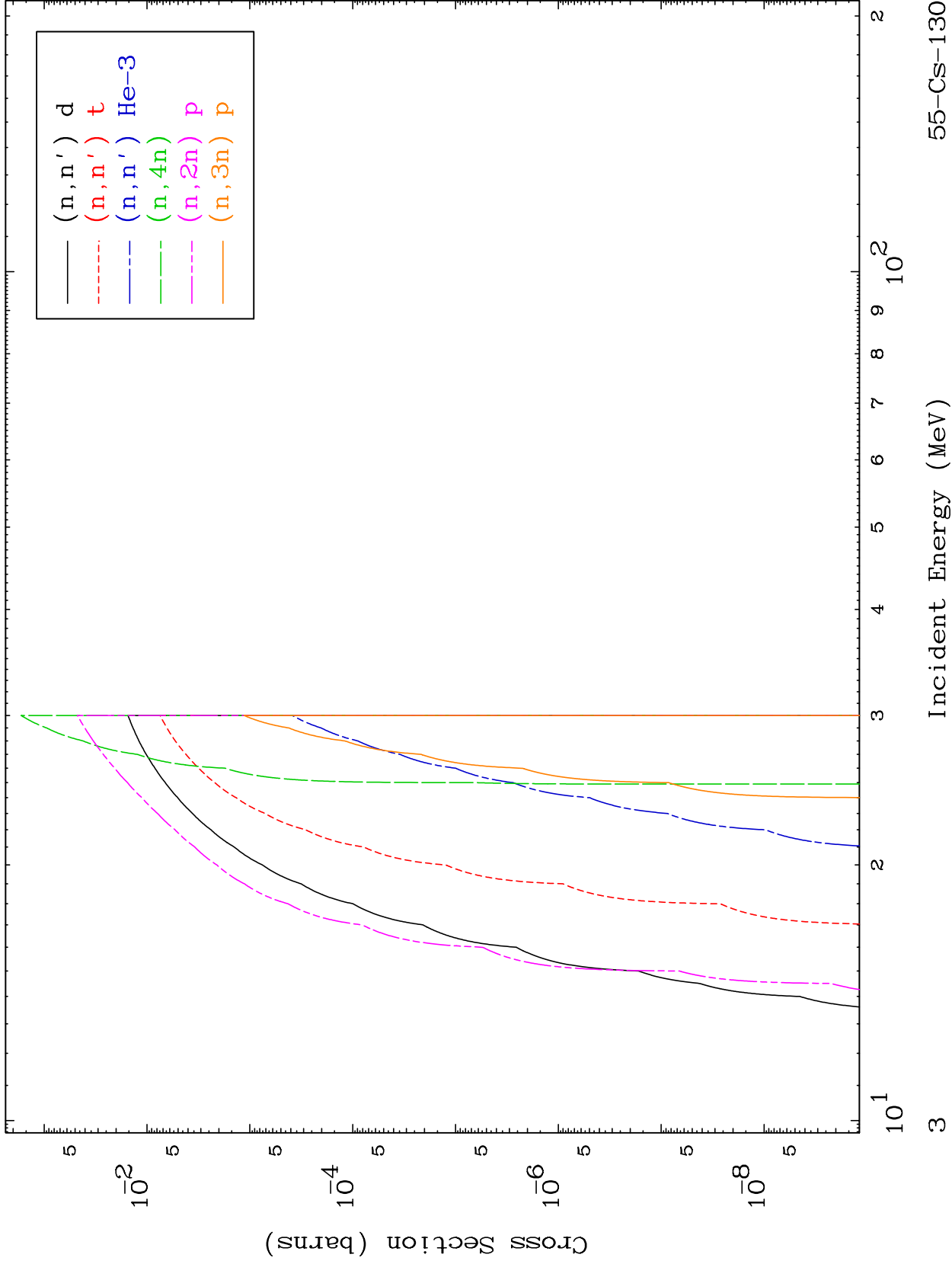
55-Cs-130



MAT 5517

Neutron Production
293 Kelvin Cross Sections

55-Cs-130

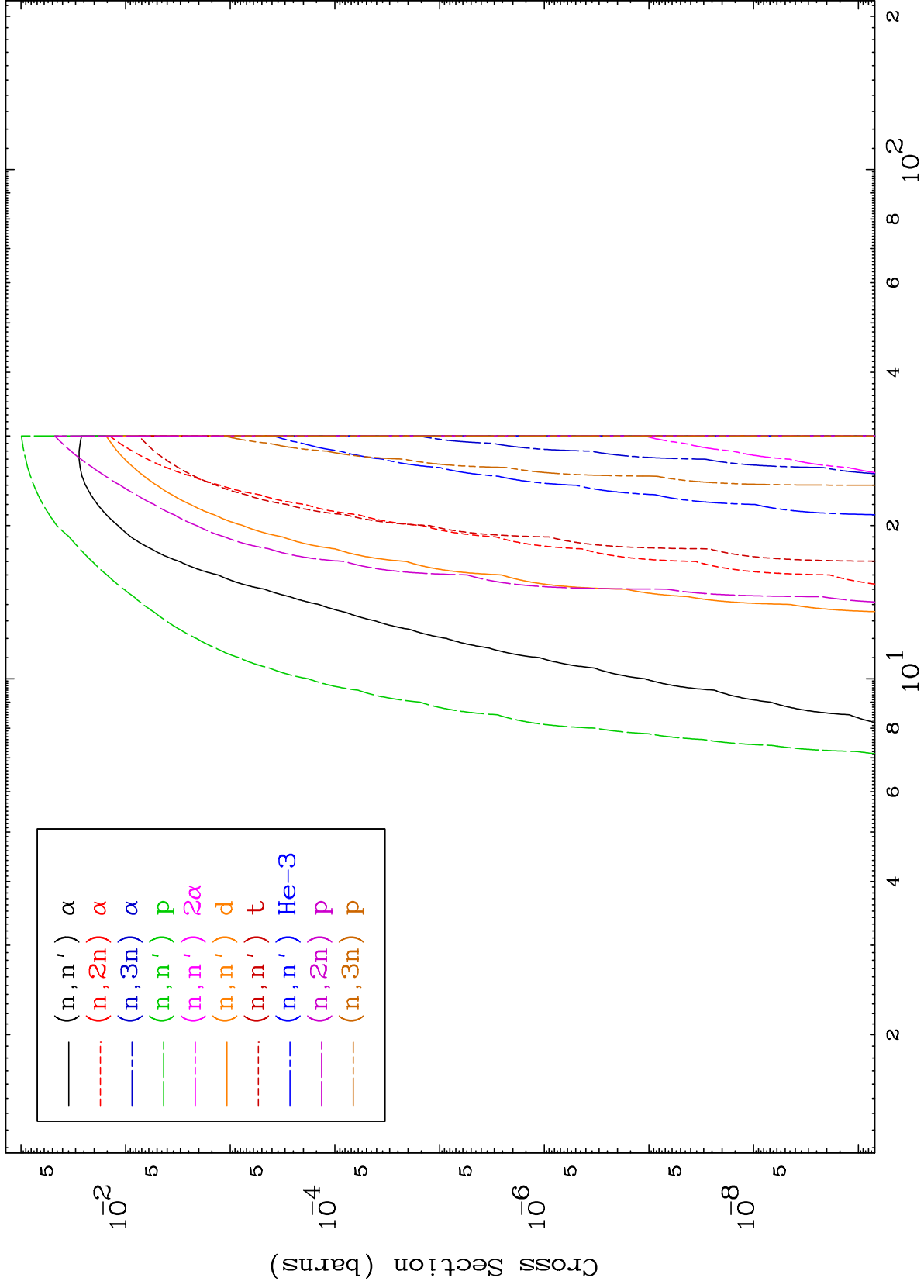


55-Cs-130

MAT 5517

Charged Particle
293 Kelvin Cross Sections

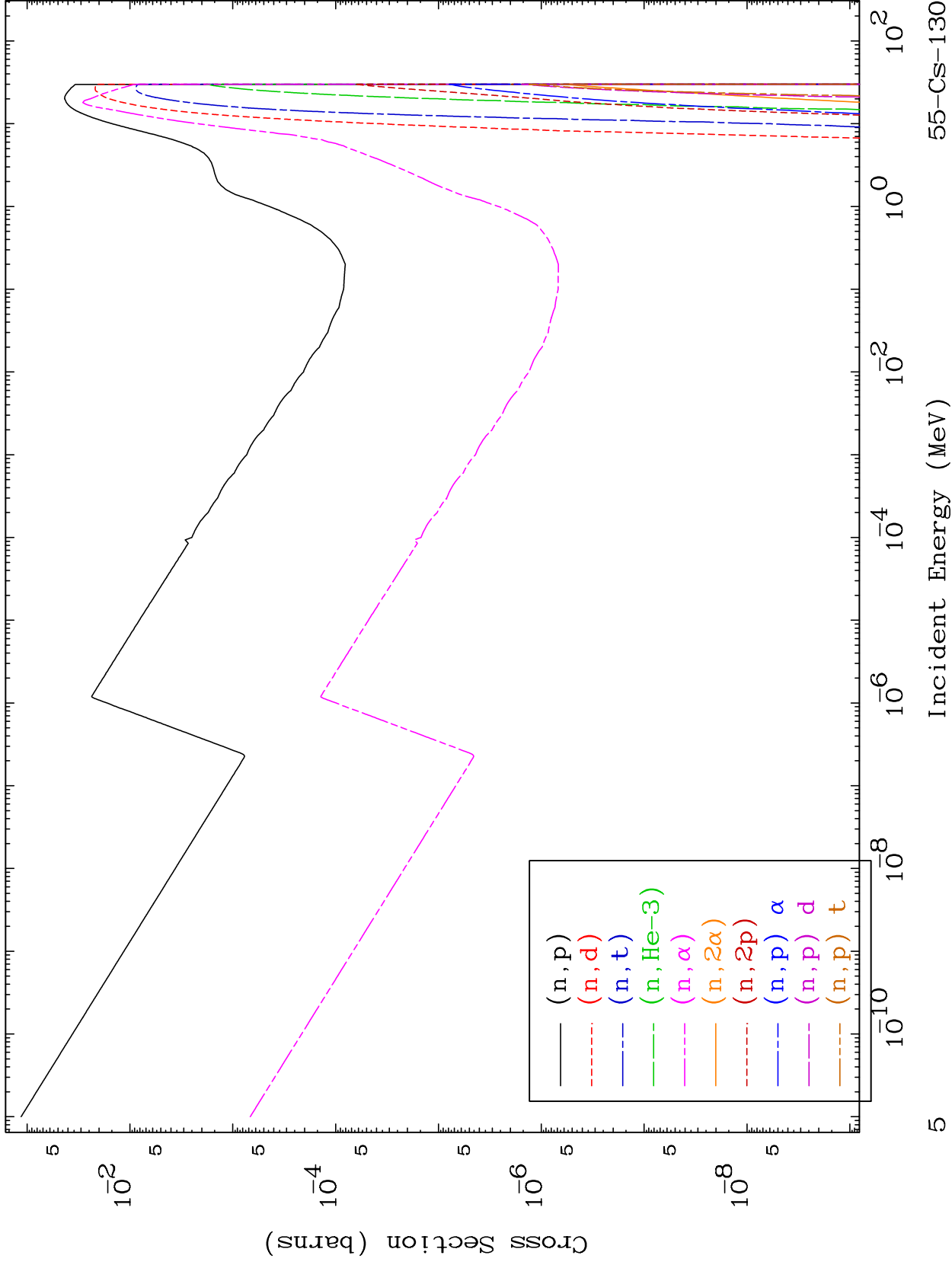
55-Cs-130



MAT 5517

Charged Particle
293 Kelvin Cross Sections

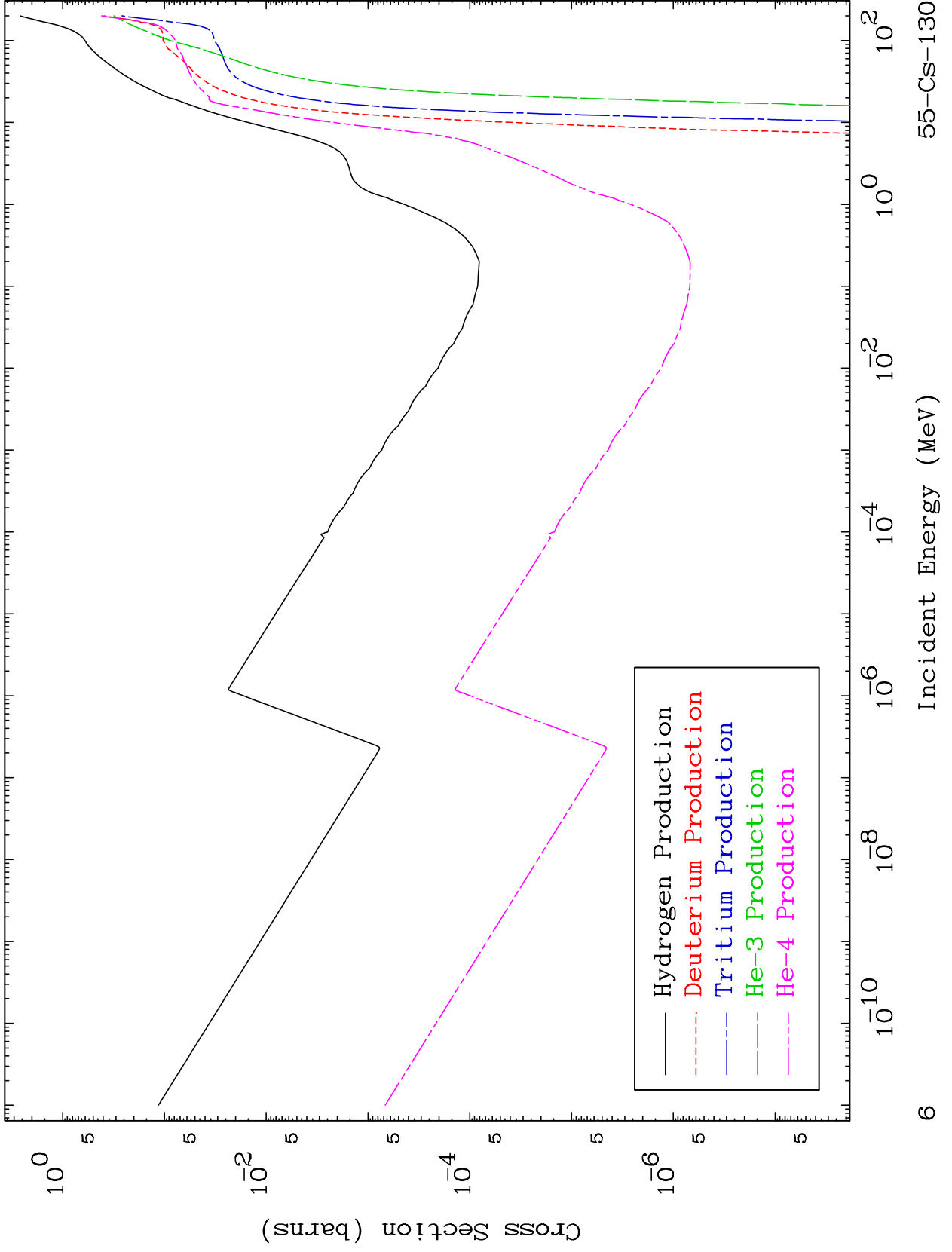
55-Cs-130



MAT 5517

Particle Production
293 Kelvin Cross Sections

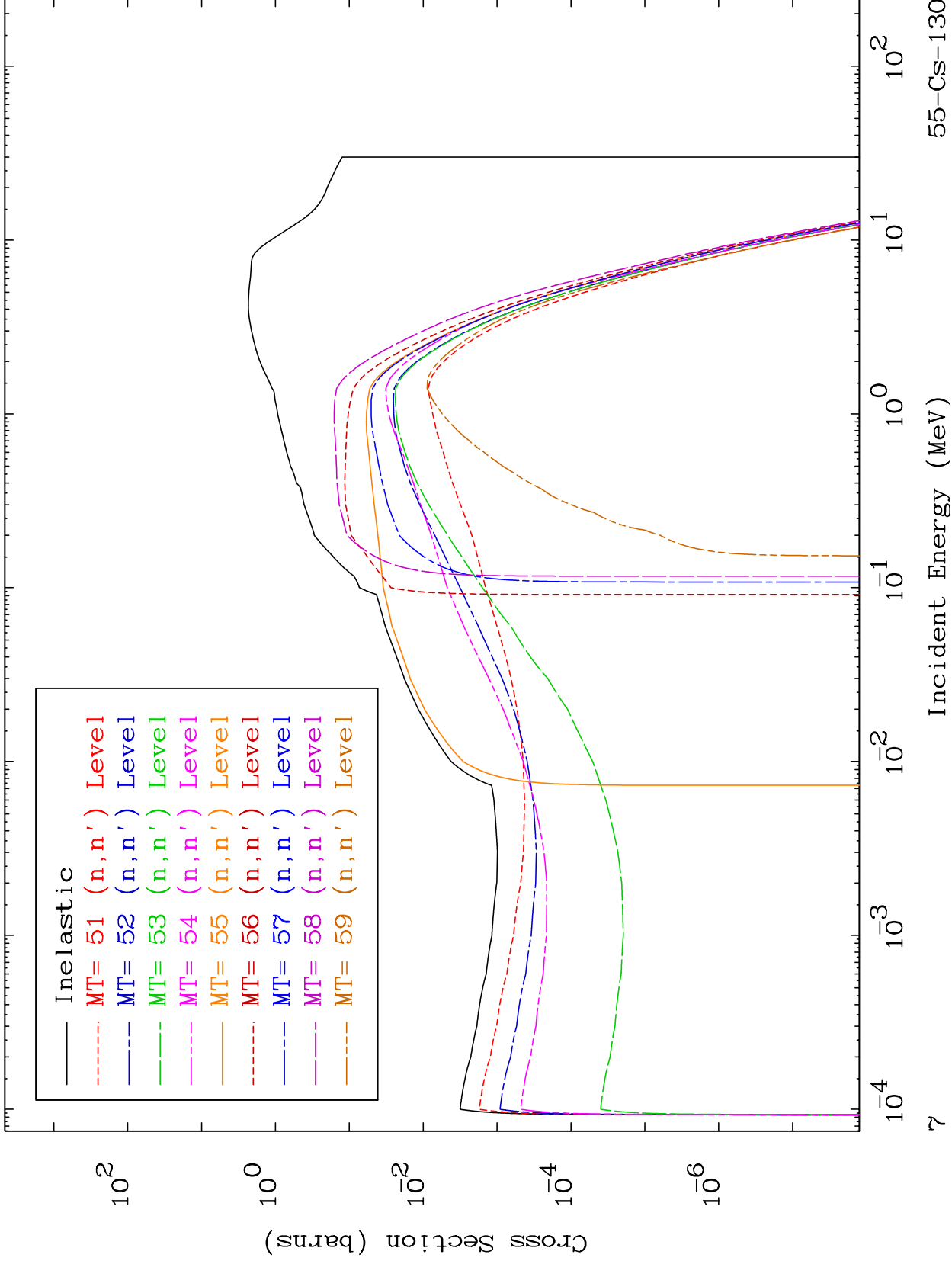
55-Cs-130



MAT 5517

(n,n') Level
293 Kelvin Cross Sections

55-Cs-130



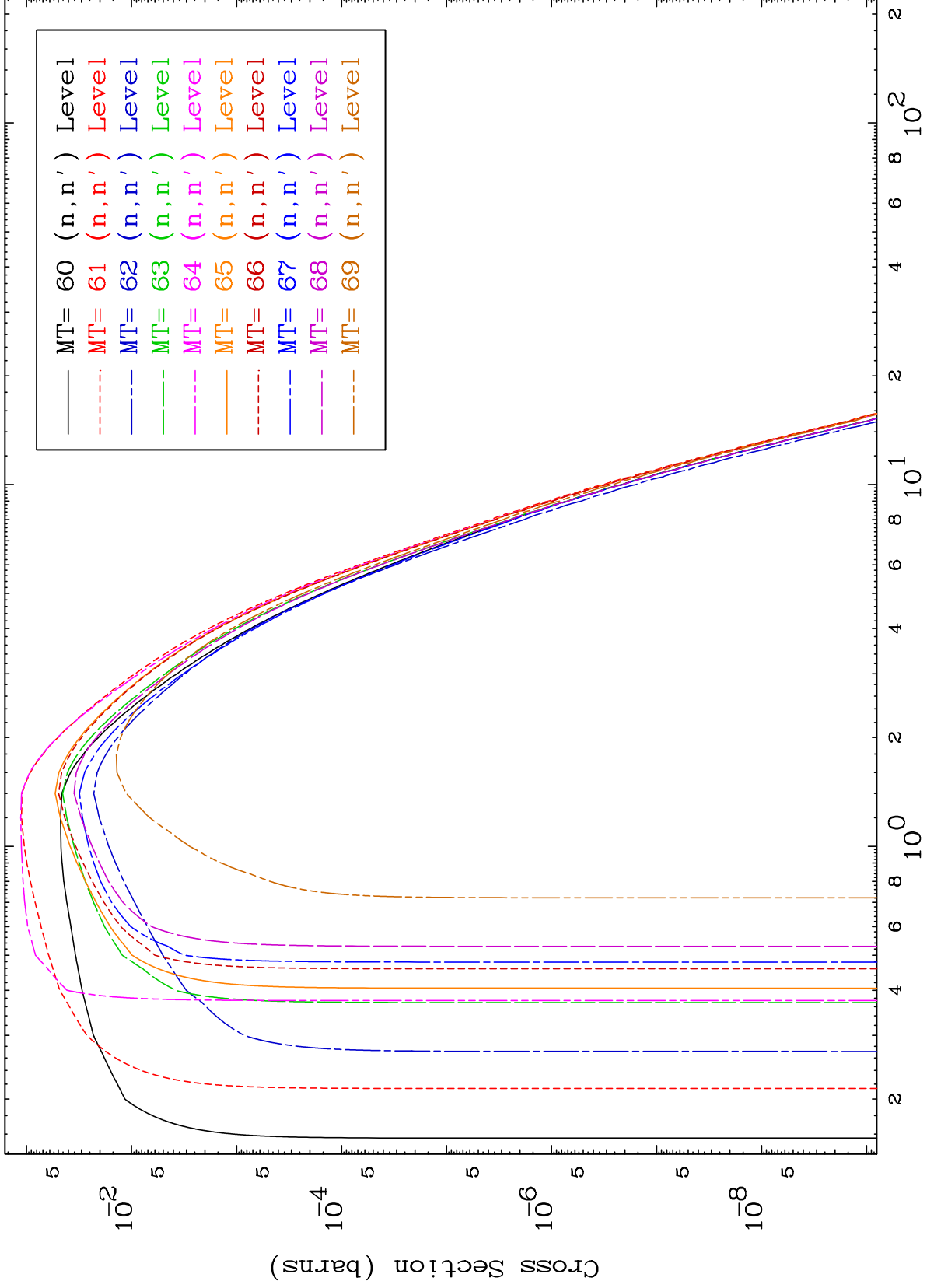
55-Cs-130

MAT 5517

(n,n') Level

55-Cs-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

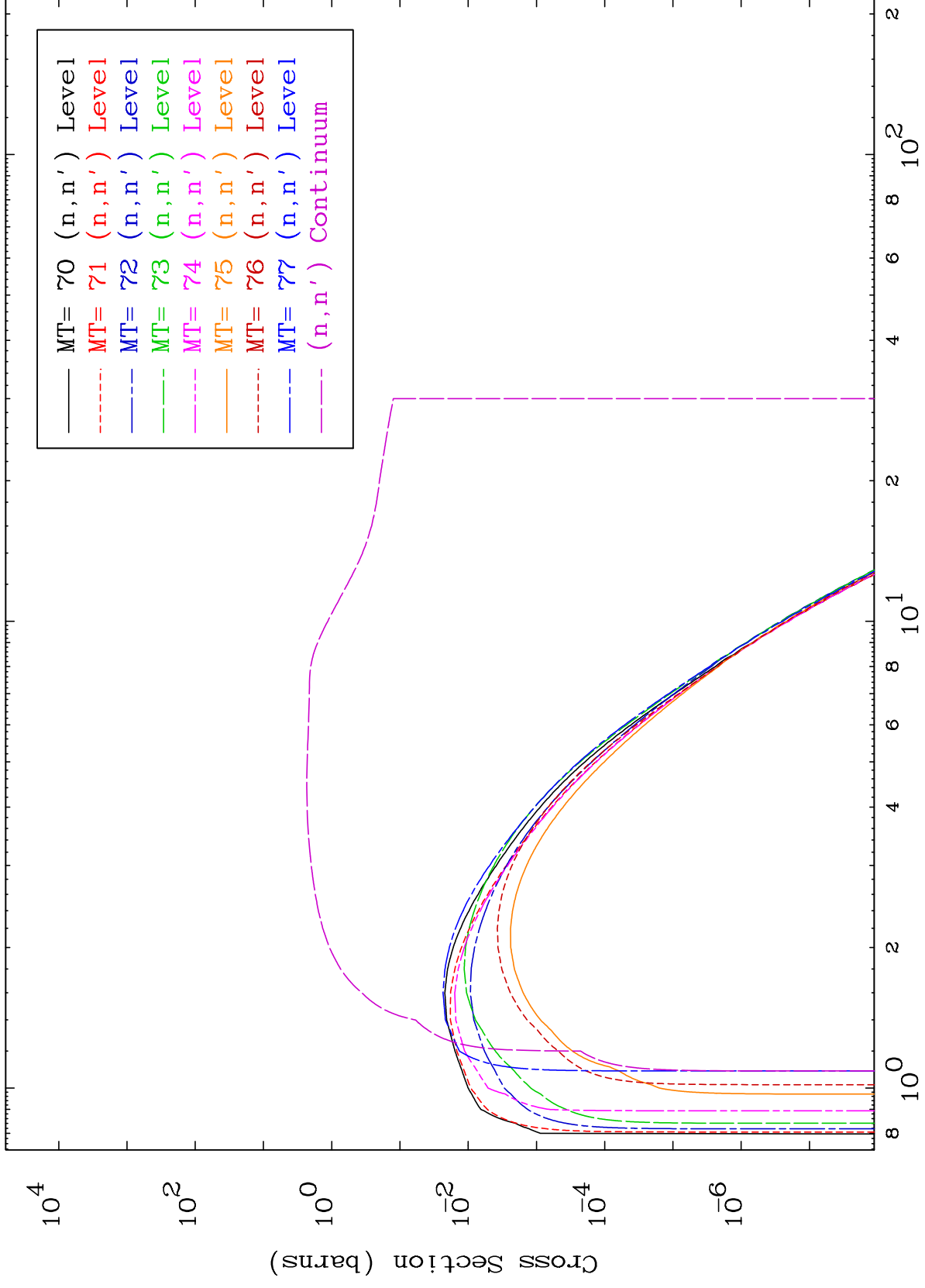
55-Cs-130

MAT 5517

(n,n') Level

293 Kelvin Cross Sections

55-Cs-130



9

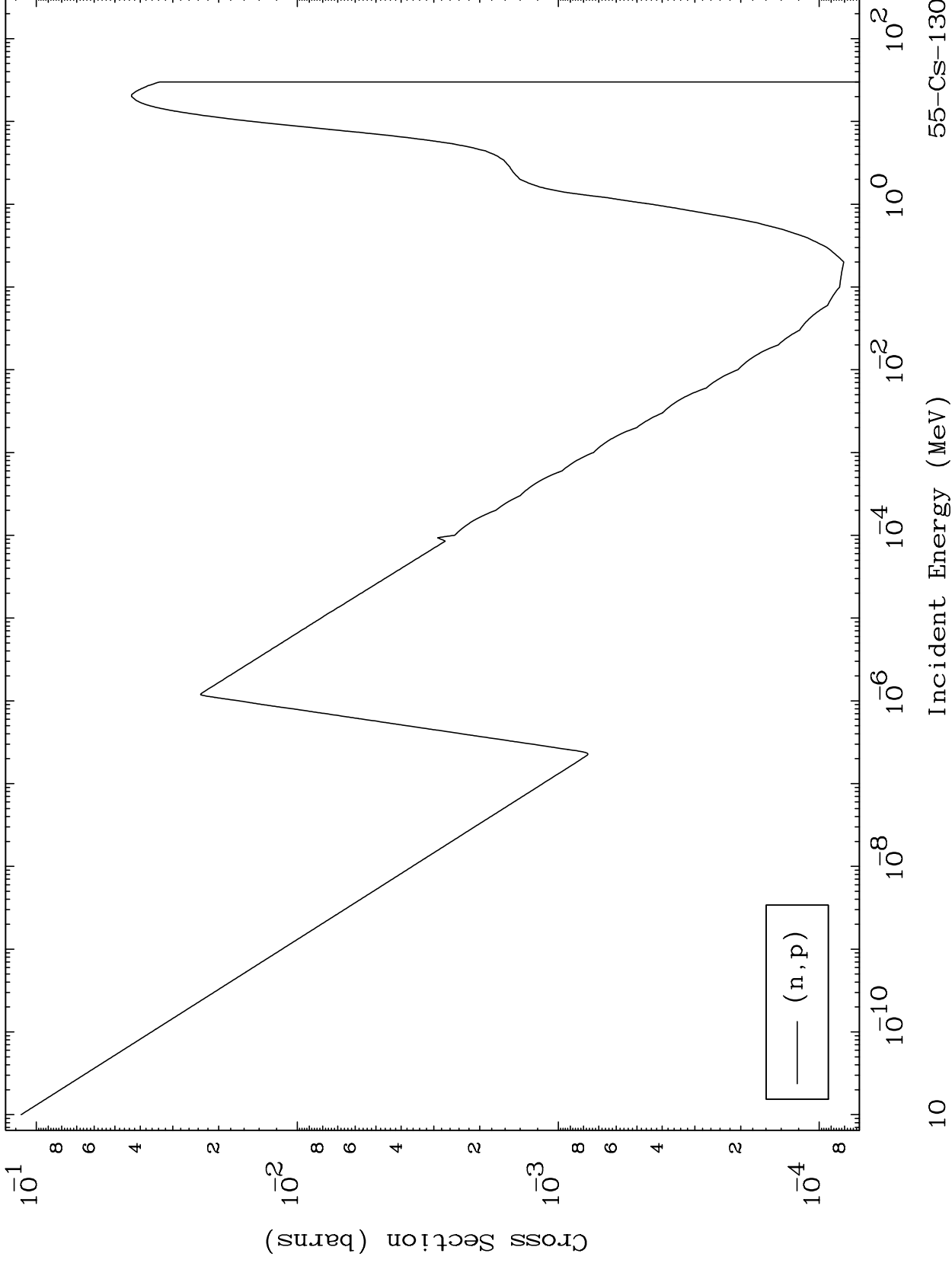
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-130



10

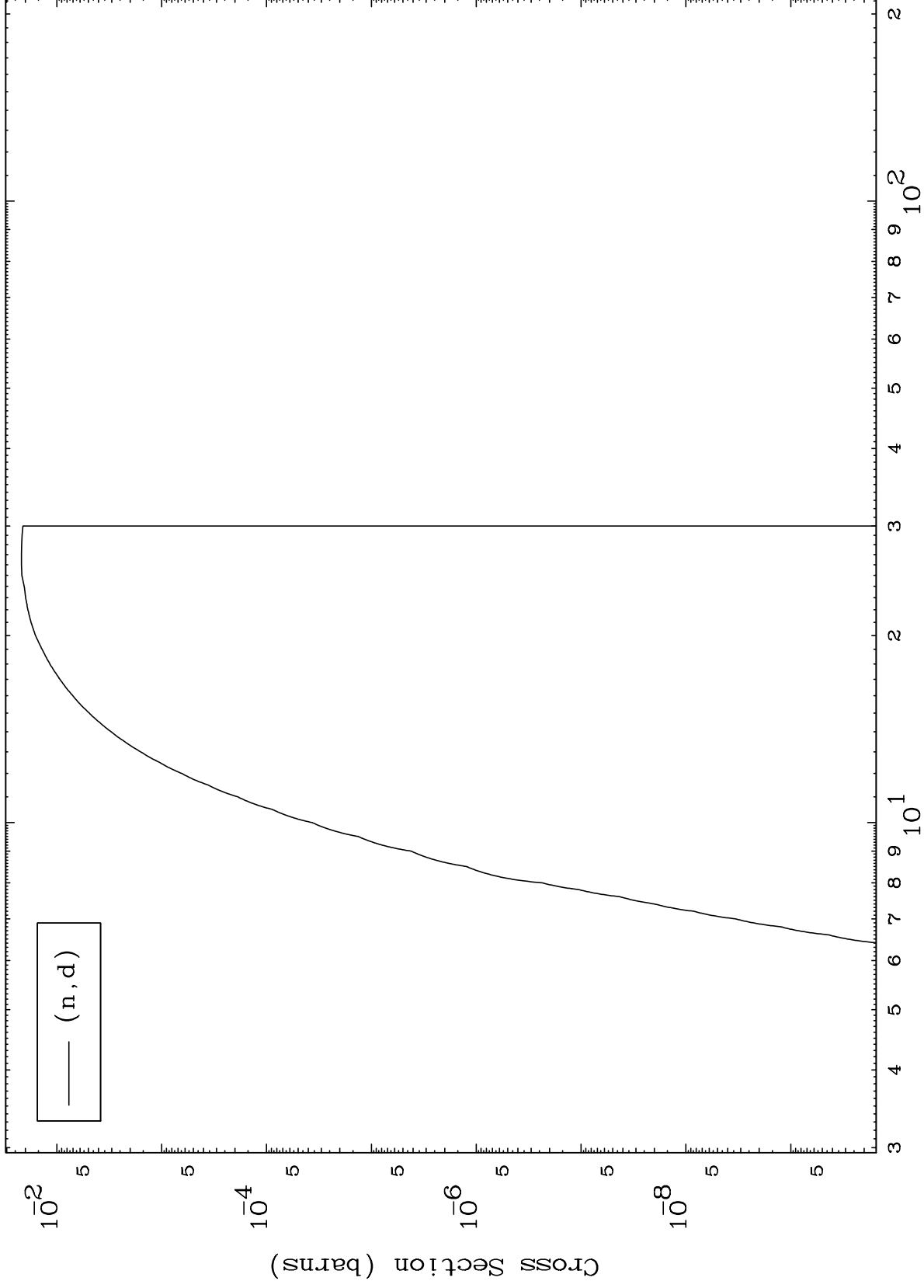
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-130



11

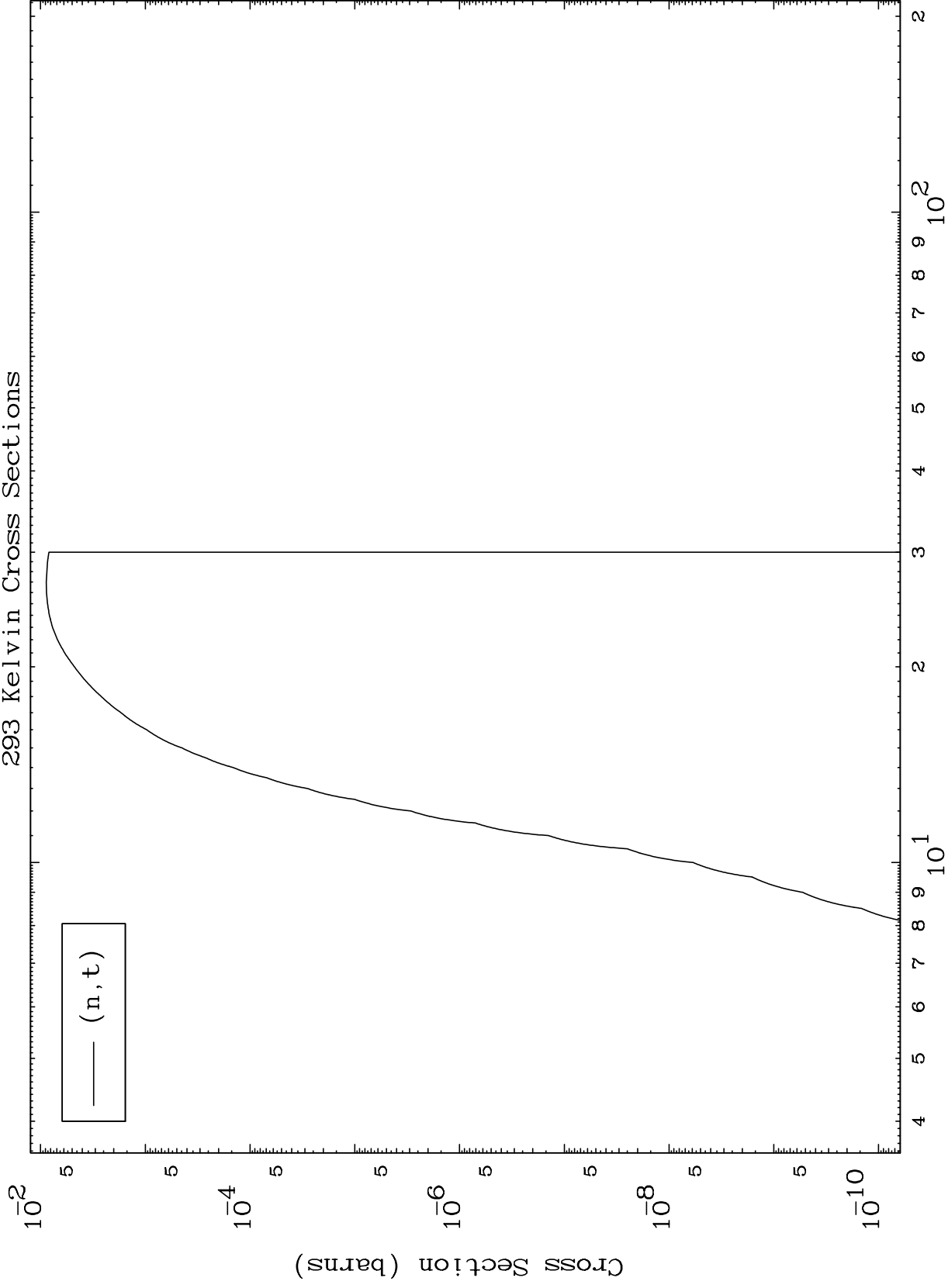
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-130



12

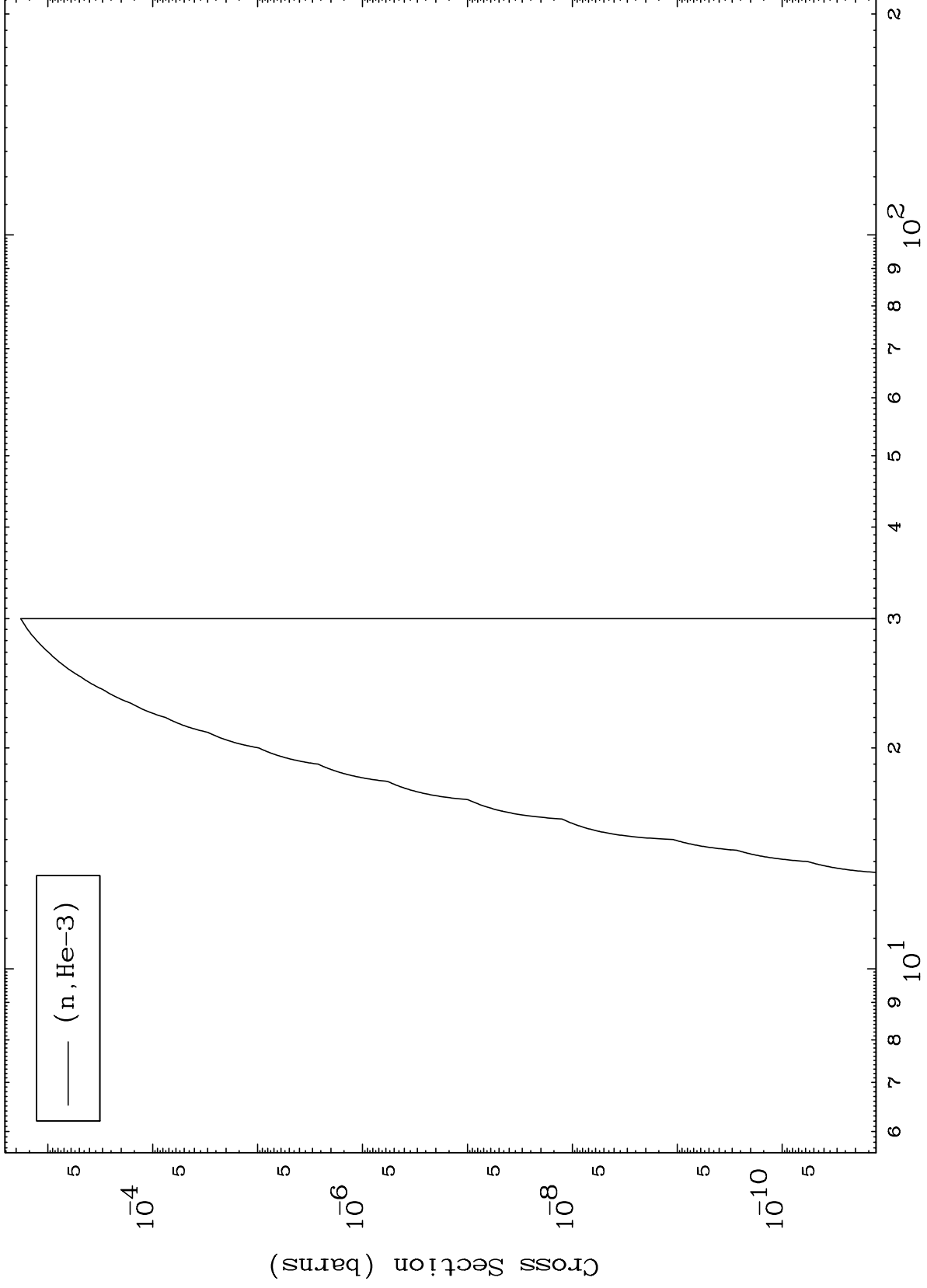
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-130



13

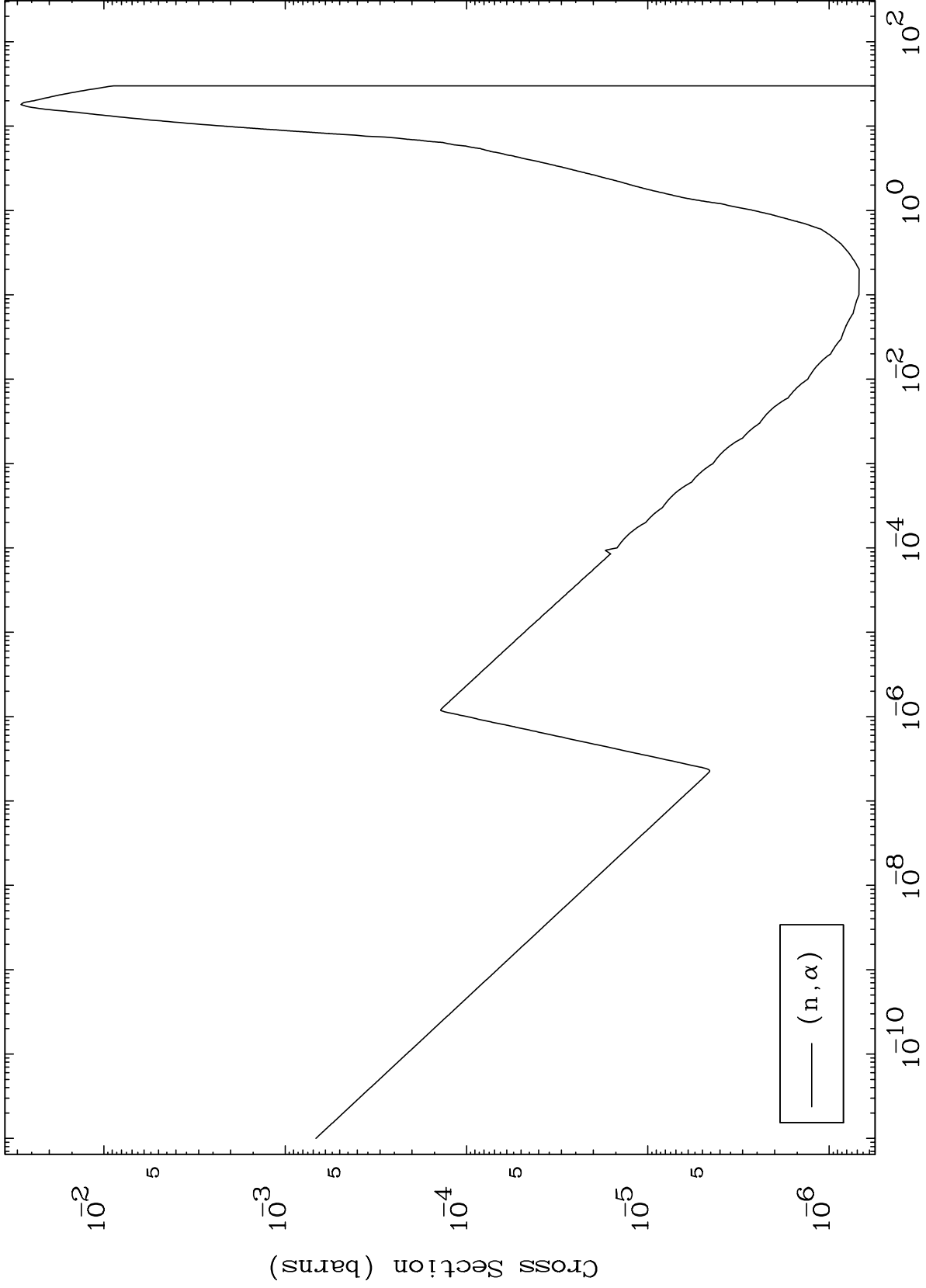
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,α) Levels
293 Kelvin Cross Sections

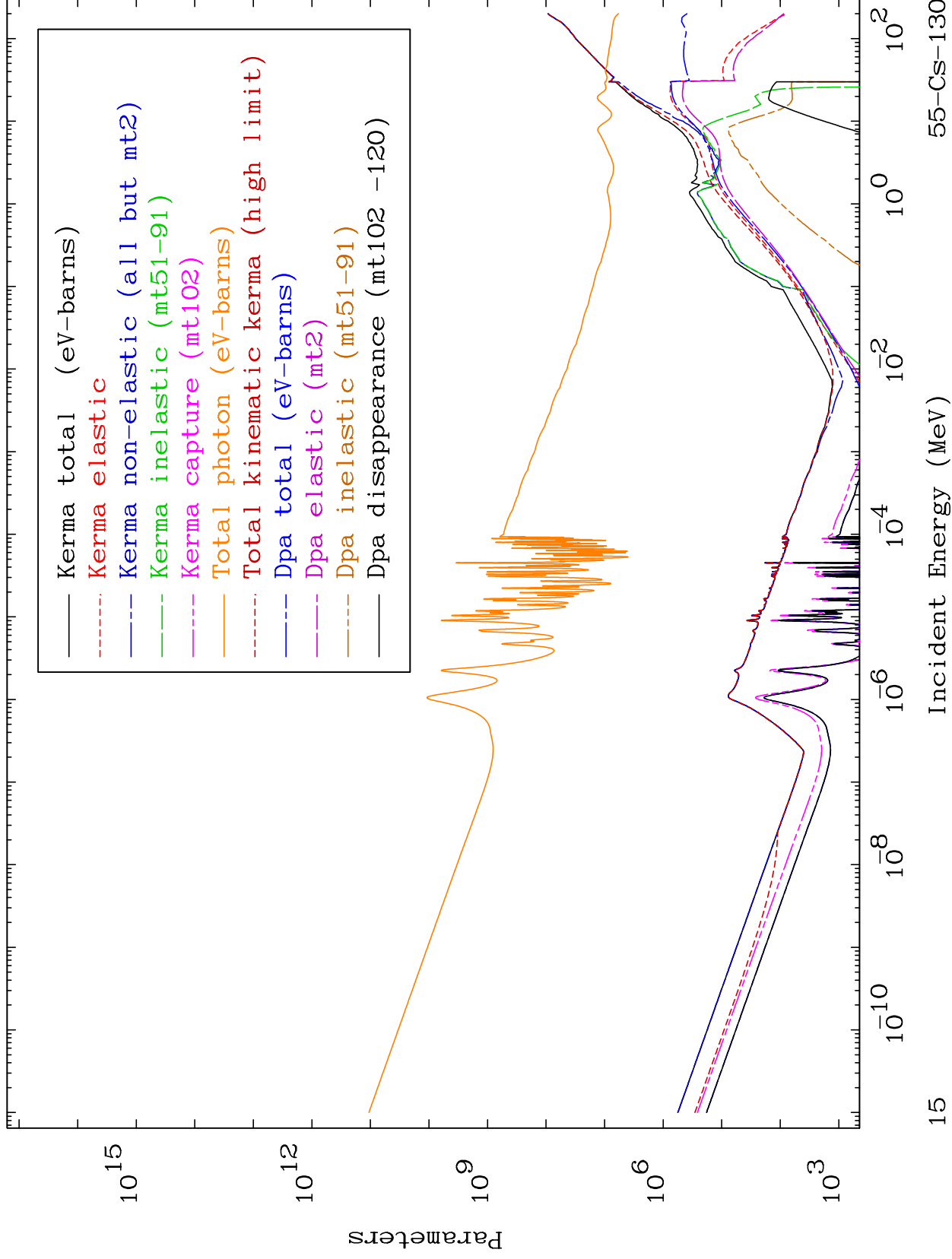
55-Cs-130



14

Incident Energy (MeV)

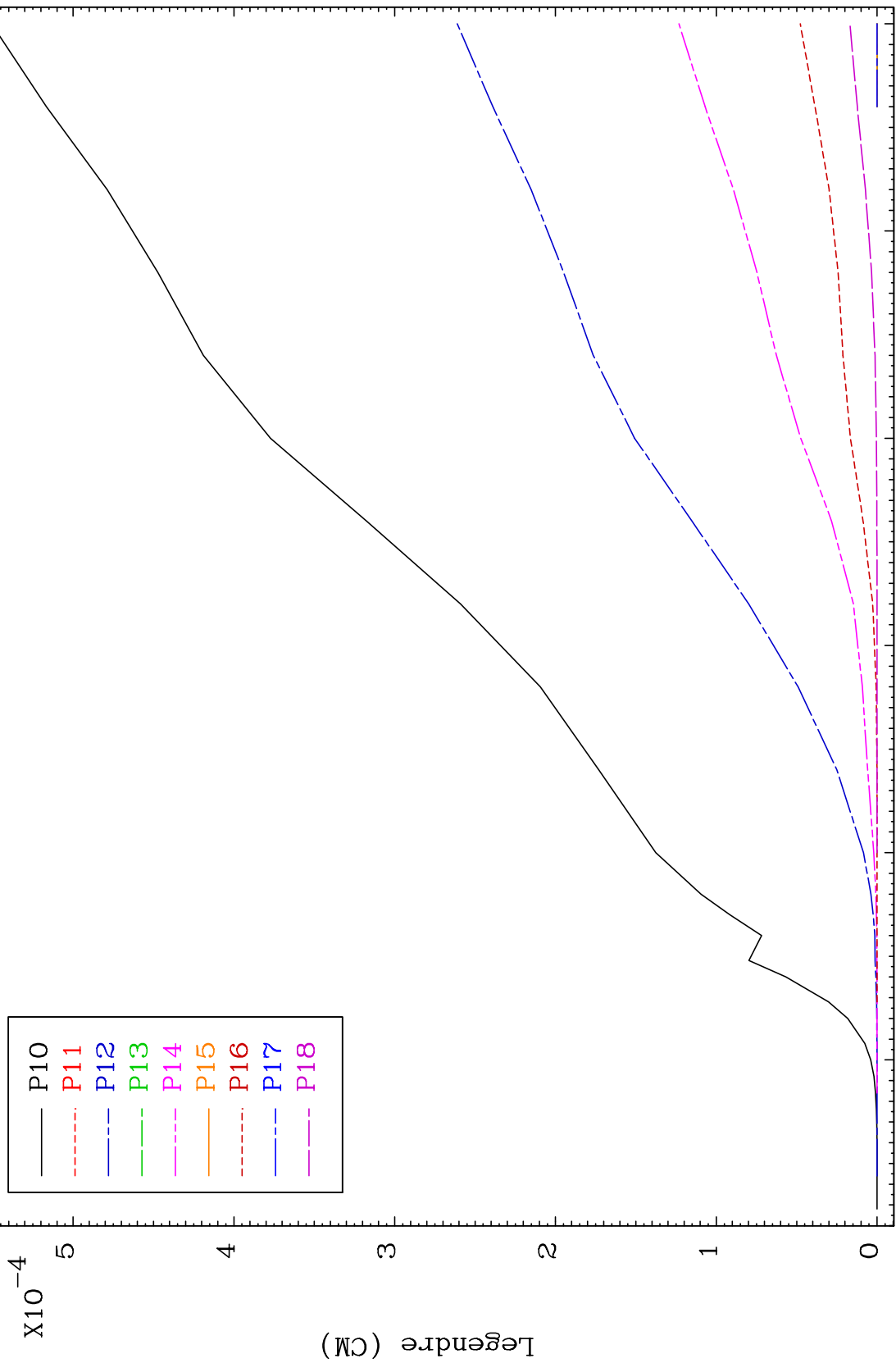
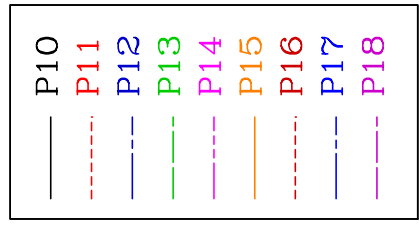
55-Cs-130



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Elastic Legendre Coefficients

55-Cs-130



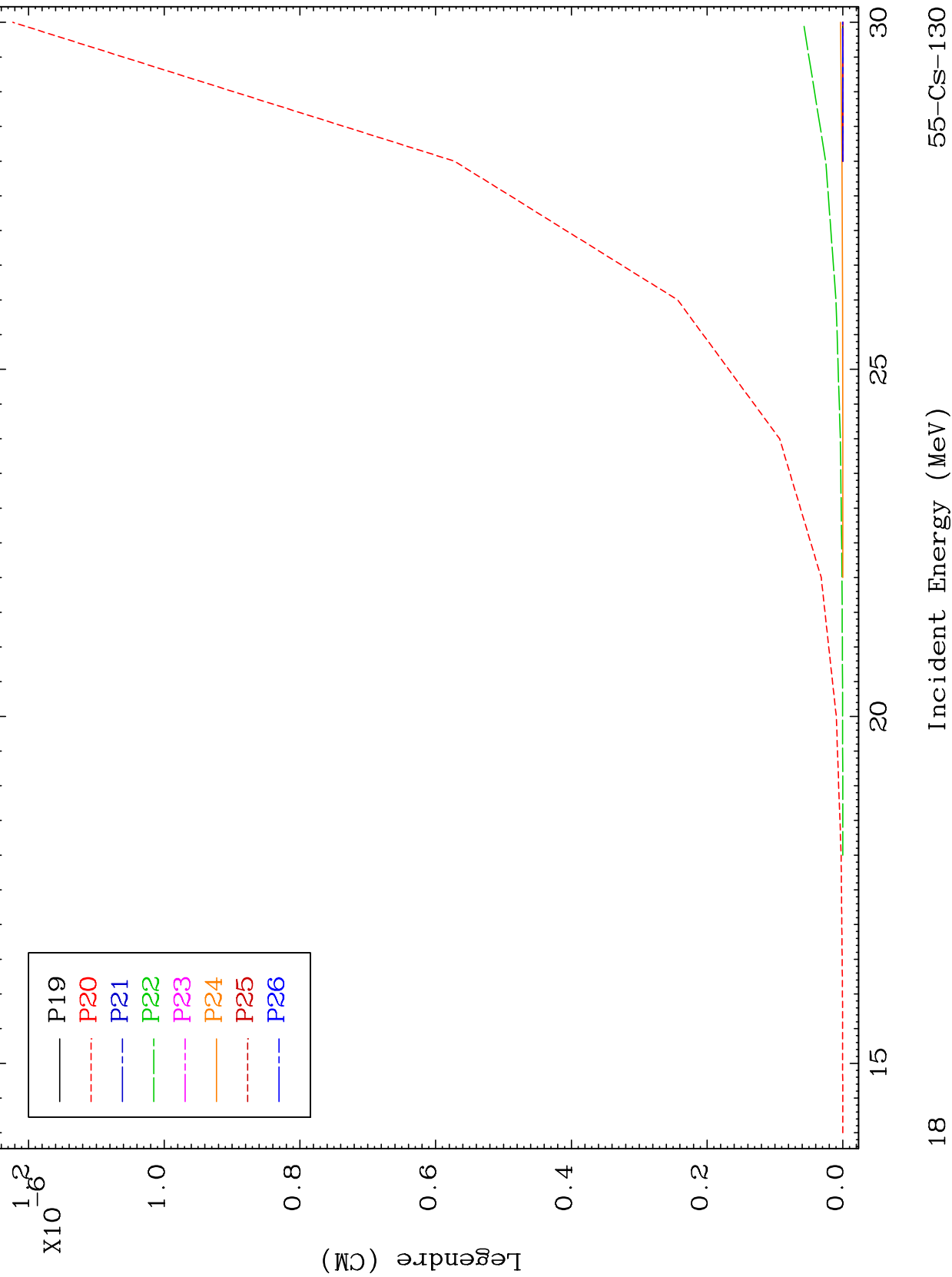
17

55-Cs-130

MAT 5517

Elastic
Legendre Coefficients

55-Cs-130



18

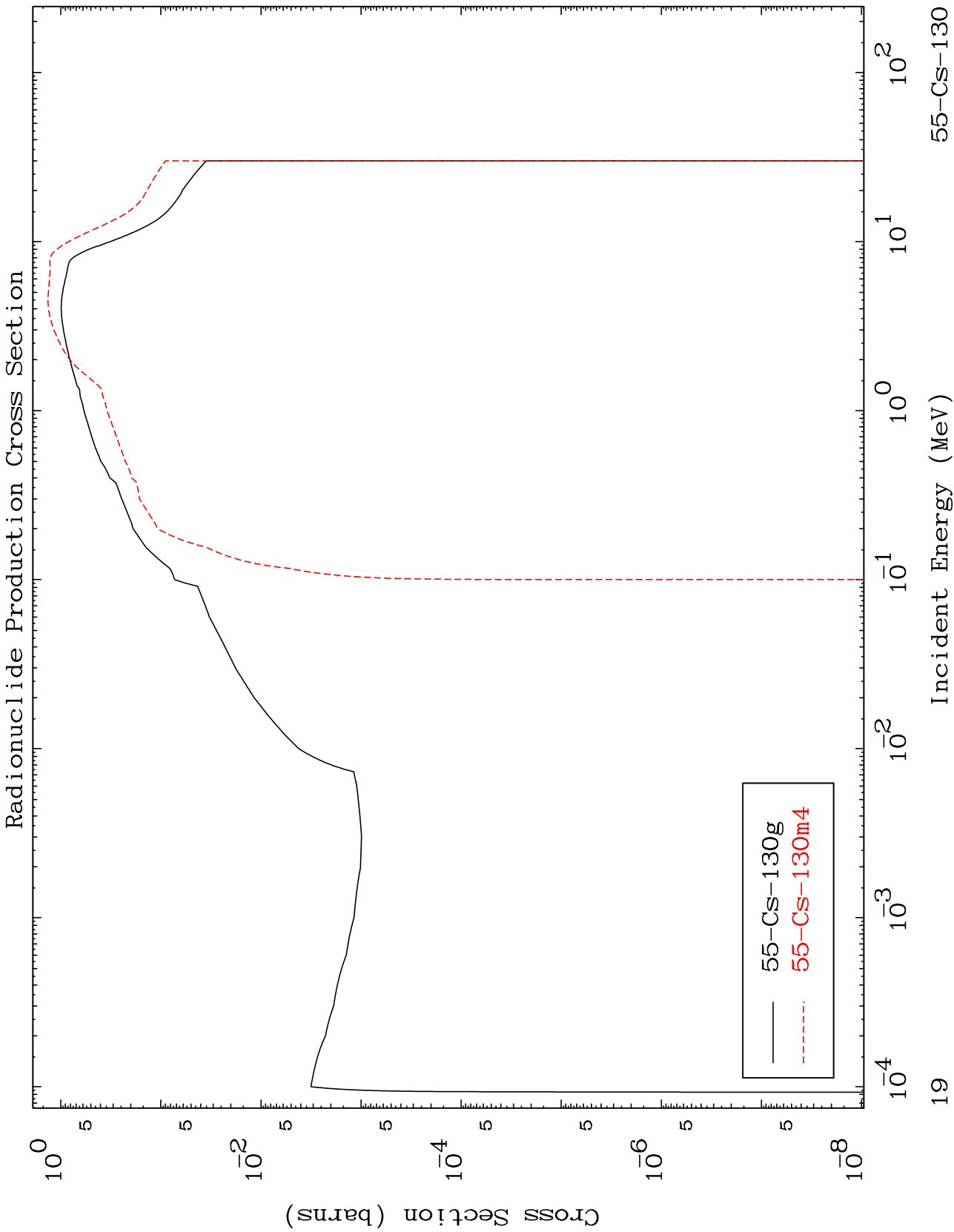
Incident Energy (MeV)

55-Cs-130

MAT 5517

55-Cs-130

Inelastic
Radionuclide Production Cross Section

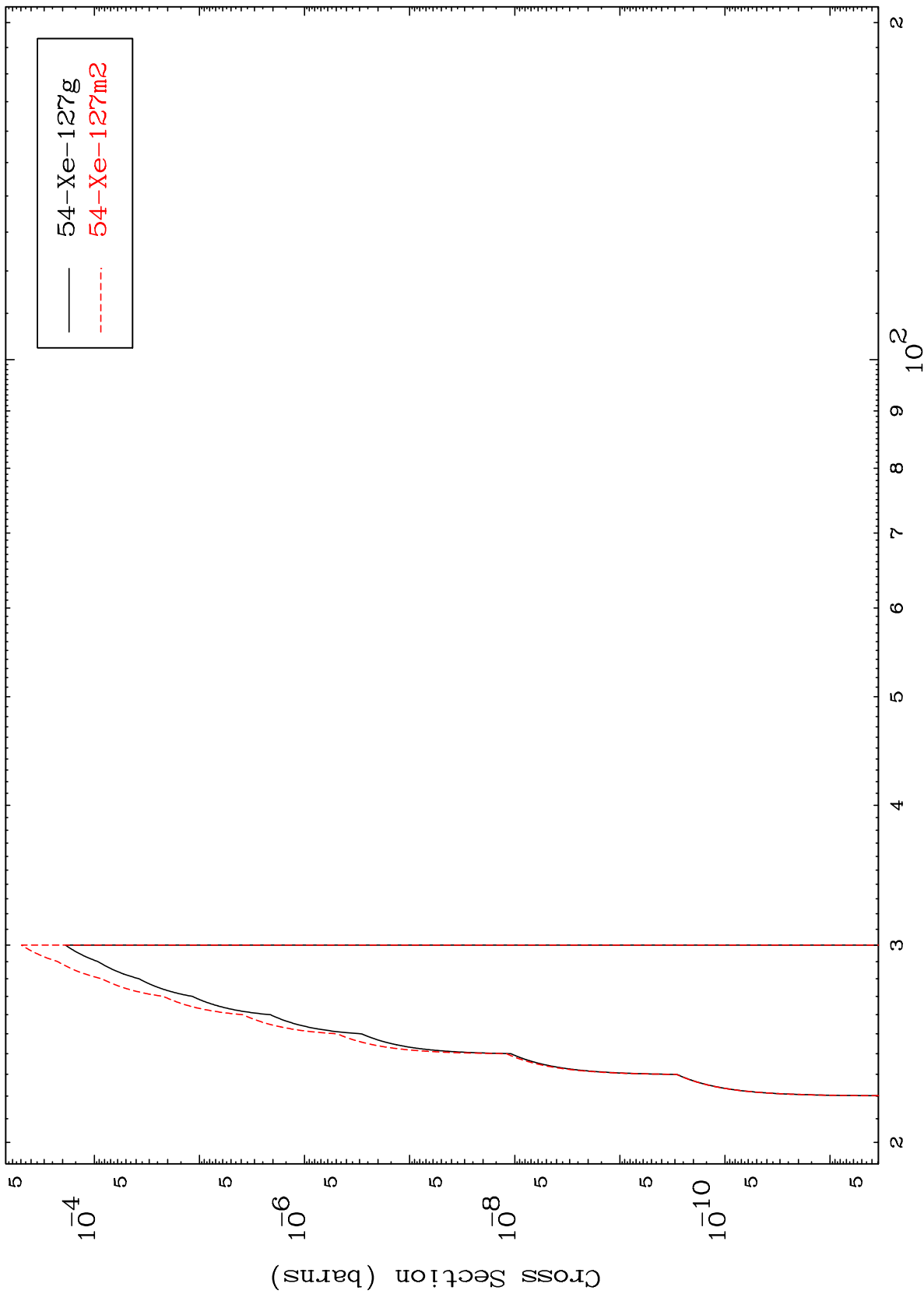


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(n,2n) d

55-Cs-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

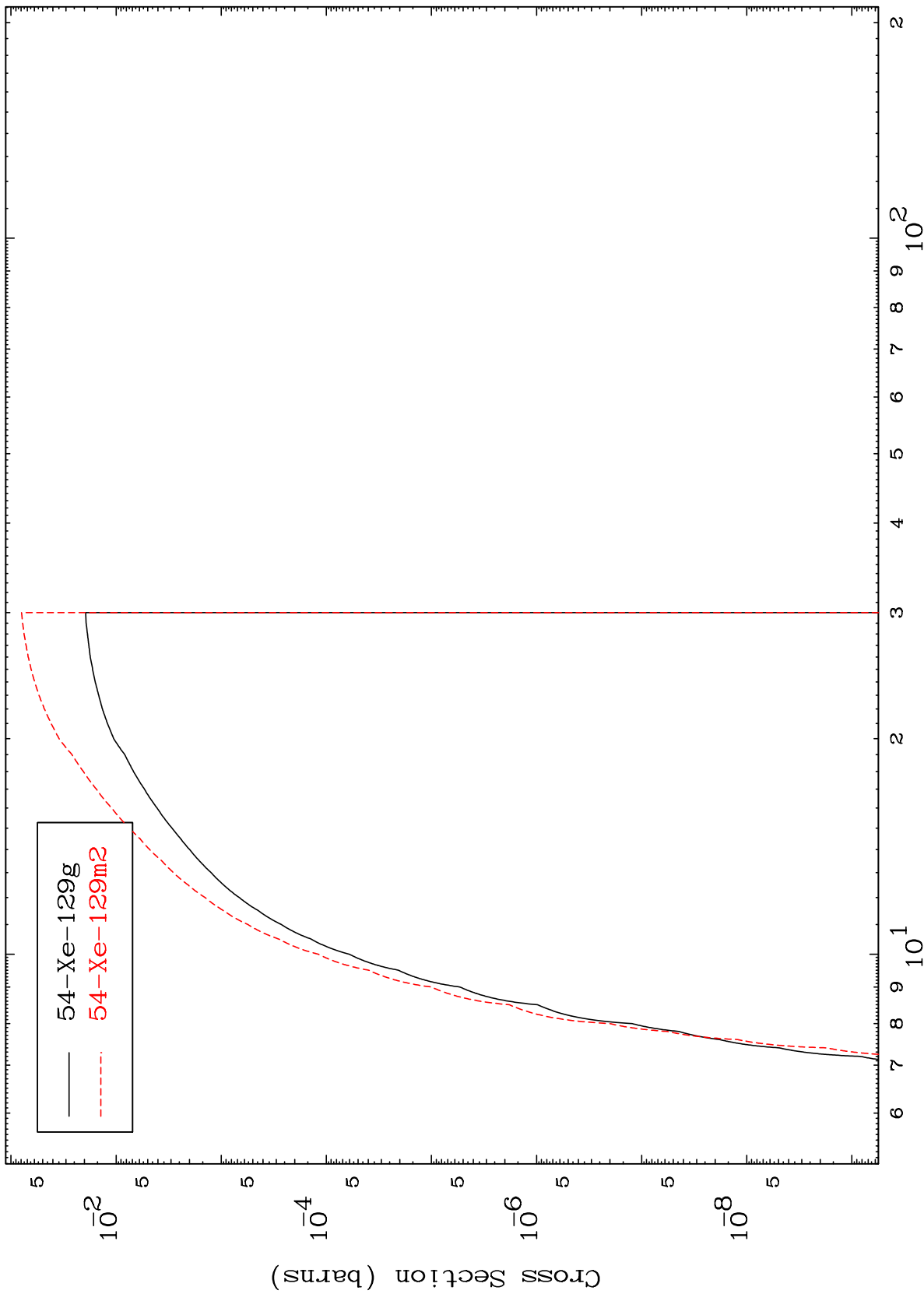
55-Cs-130

MAT 5517

(n,n') p

55-Cs-130

Radionuclide Production Cross Section



21

Incident Energy (MeV)

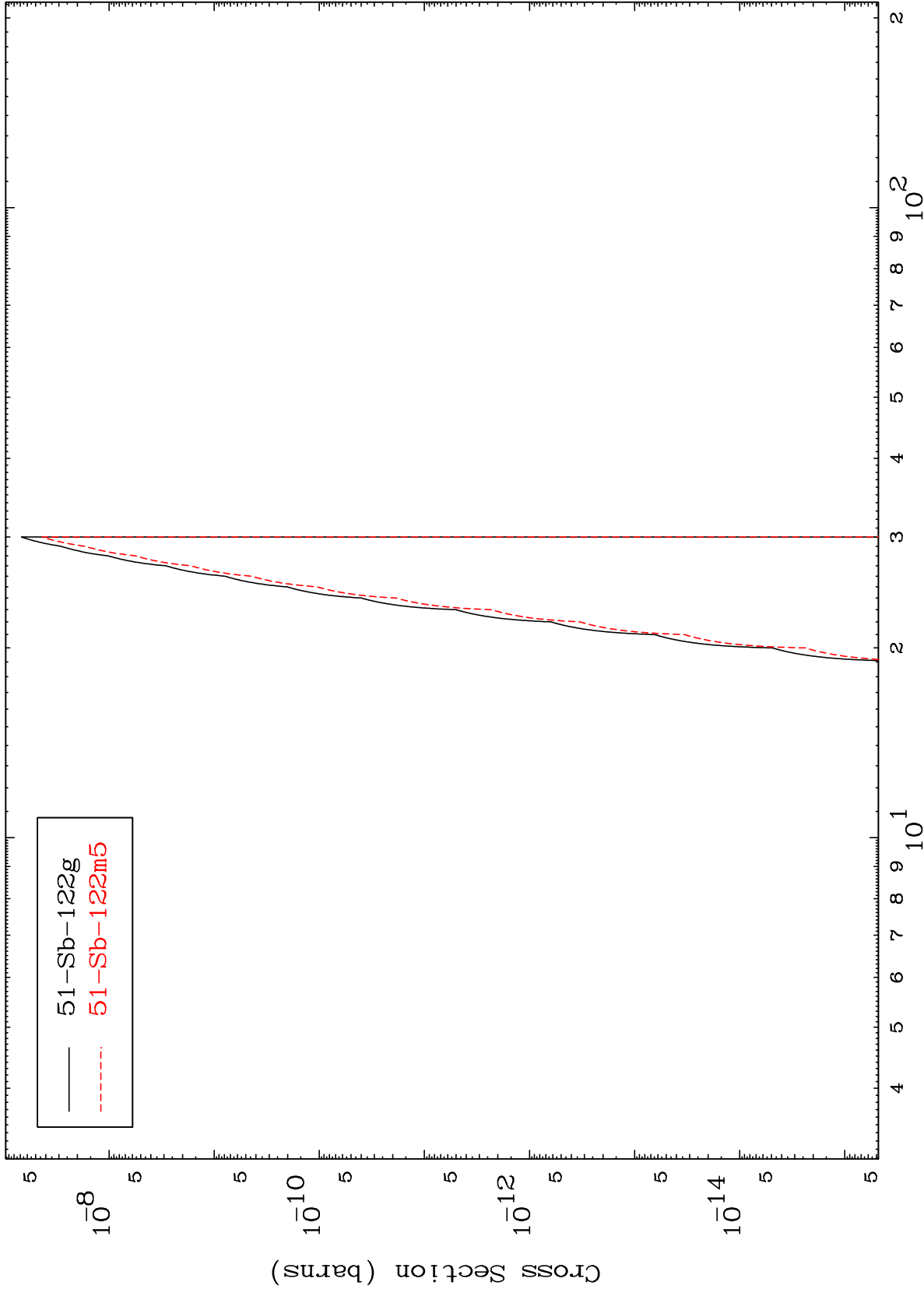
55-Cs-130

MAT 5517

(n,n') 2α

55-Cs-130

Radionuclide Production Cross Section

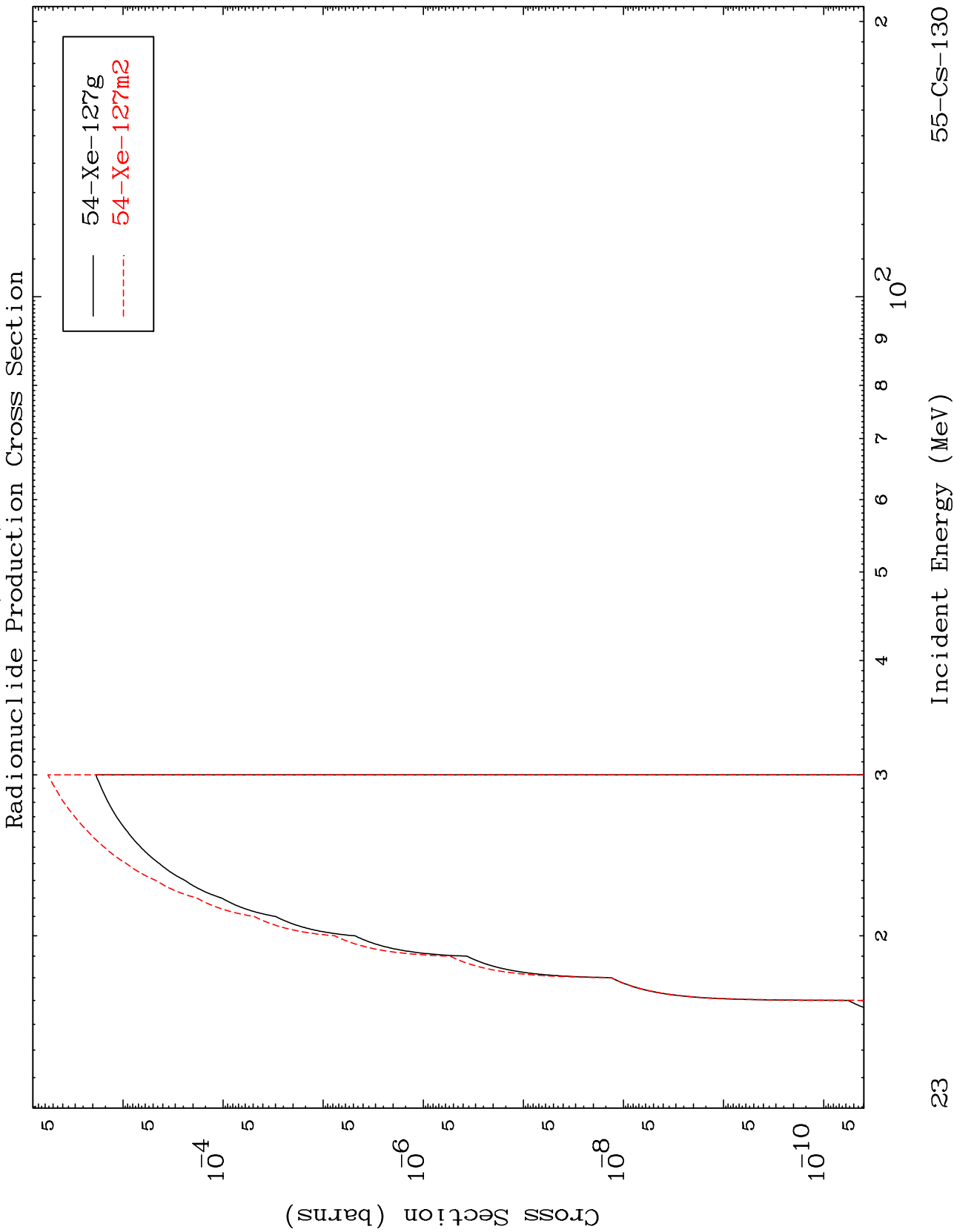


51-Sb-122g
51-Sb-122m5

22

Incident Energy (MeV)

55-Cs-130

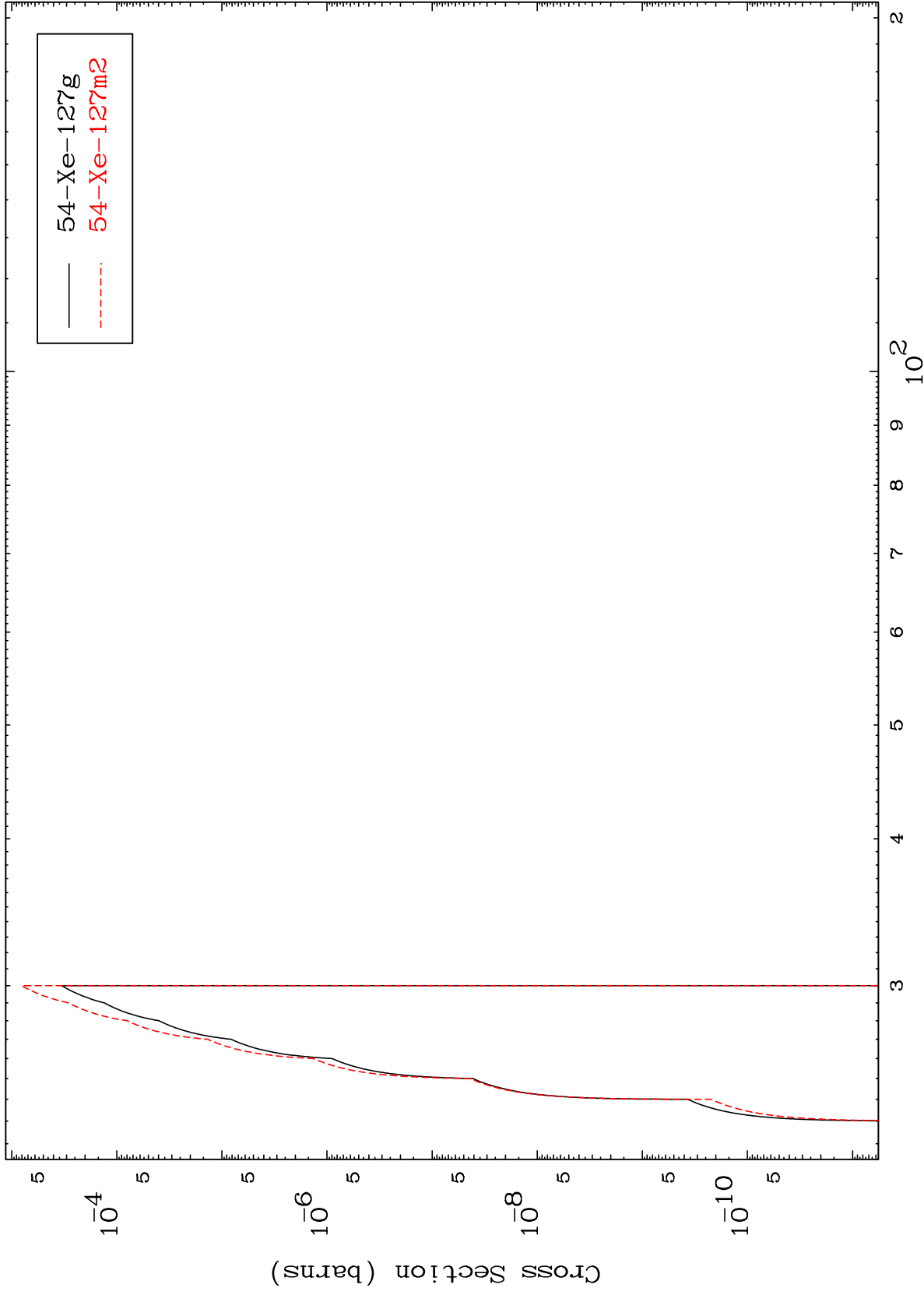


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(n,3n) p

55-Cs-130

Radionuclide Production Cross Section



24

Incident Energy (MeV)

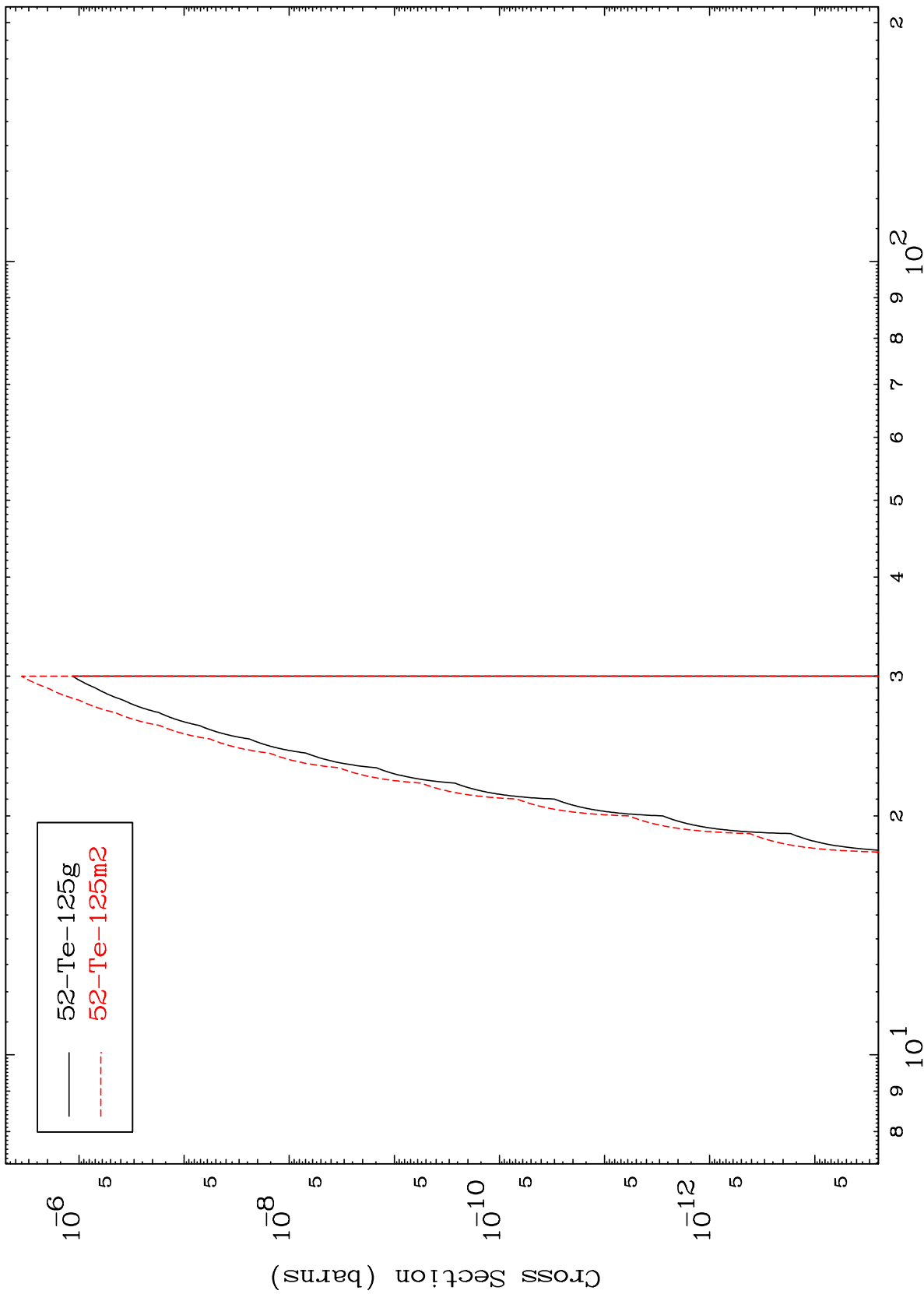
55-Cs-130

MAT 5517

(n,n') p α

55-Cs-130

Radionuclide Production Cross Section



25

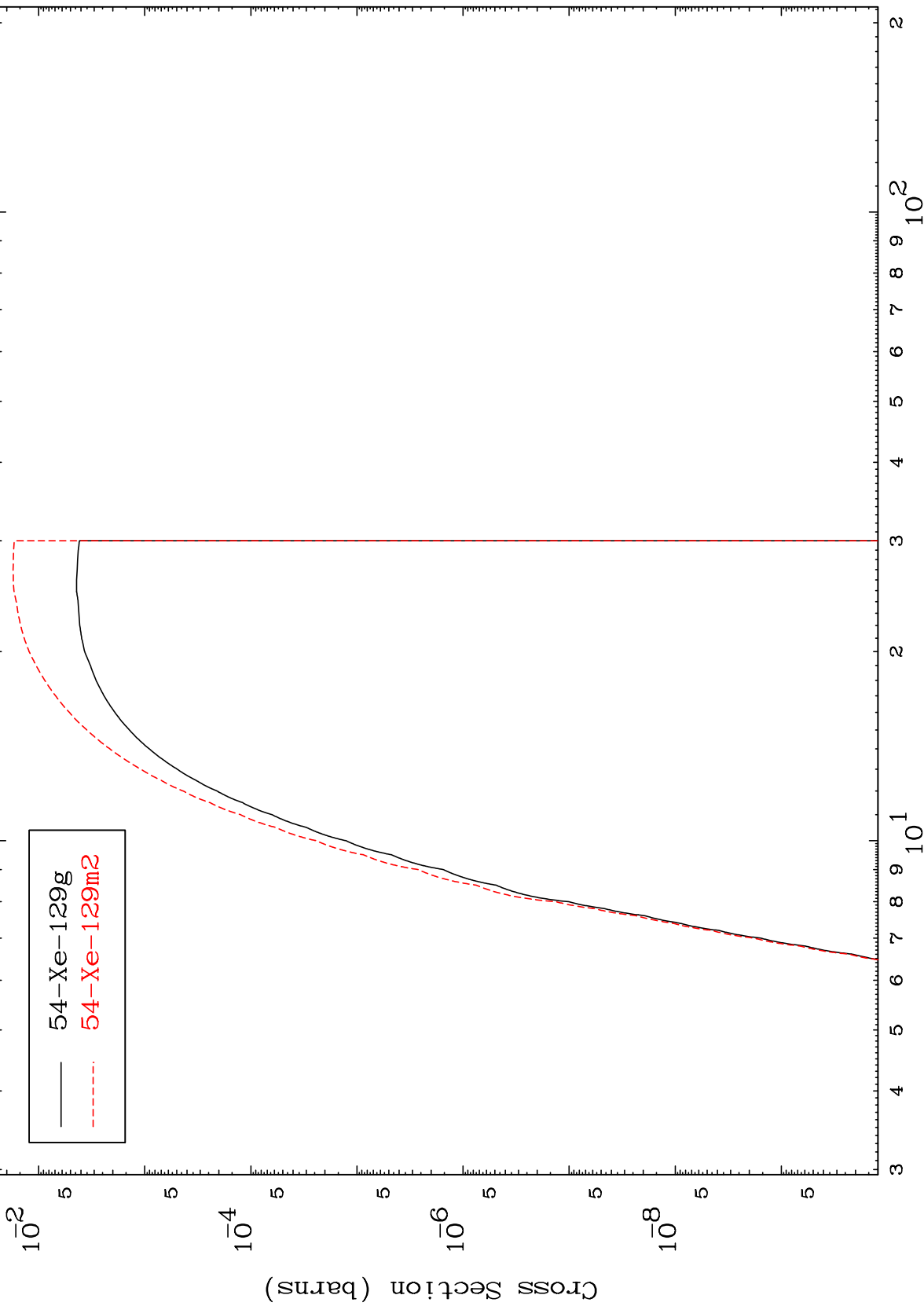
Incident Energy (MeV)

55-Cs-130

MAT 5517

55-Cs-130

(n,d)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

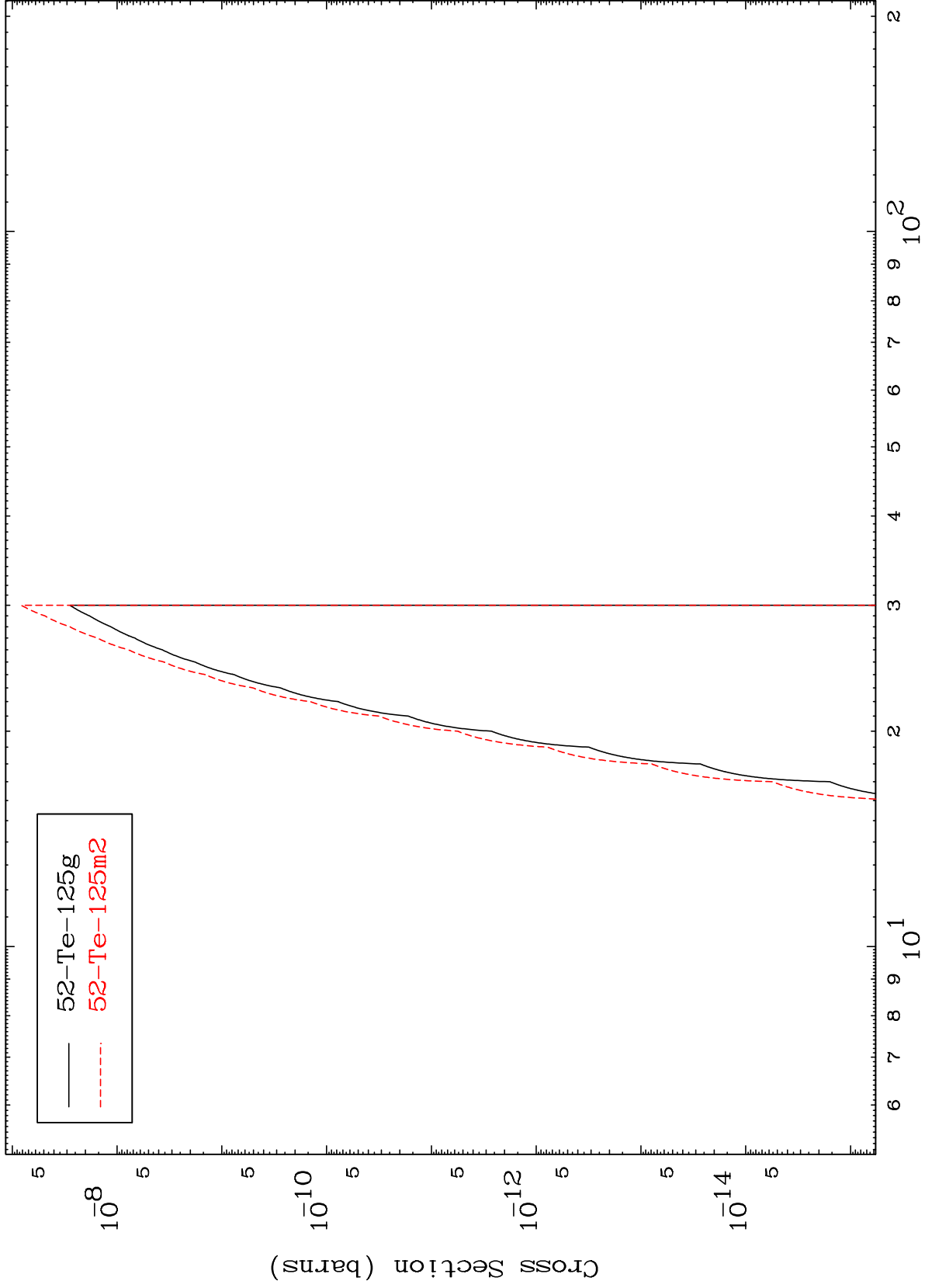
55-Cs-130

MAT 5517

(n,d) α

55-Cs-130

Radionuclide Production Cross Section



27

Incident Energy (MeV)

55-Cs-130