

Program EVALPLOT
(Version 2015-2)

by

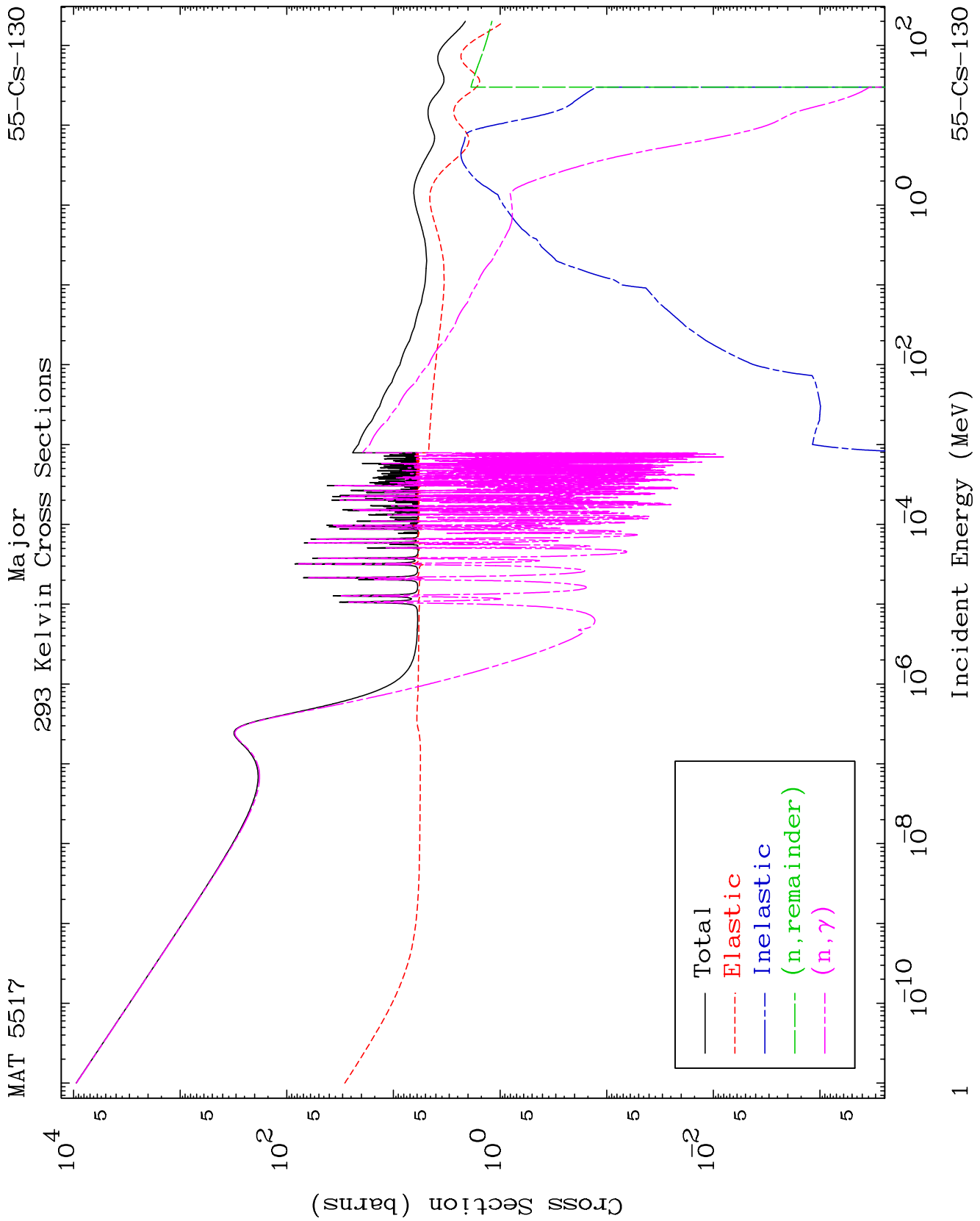
Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

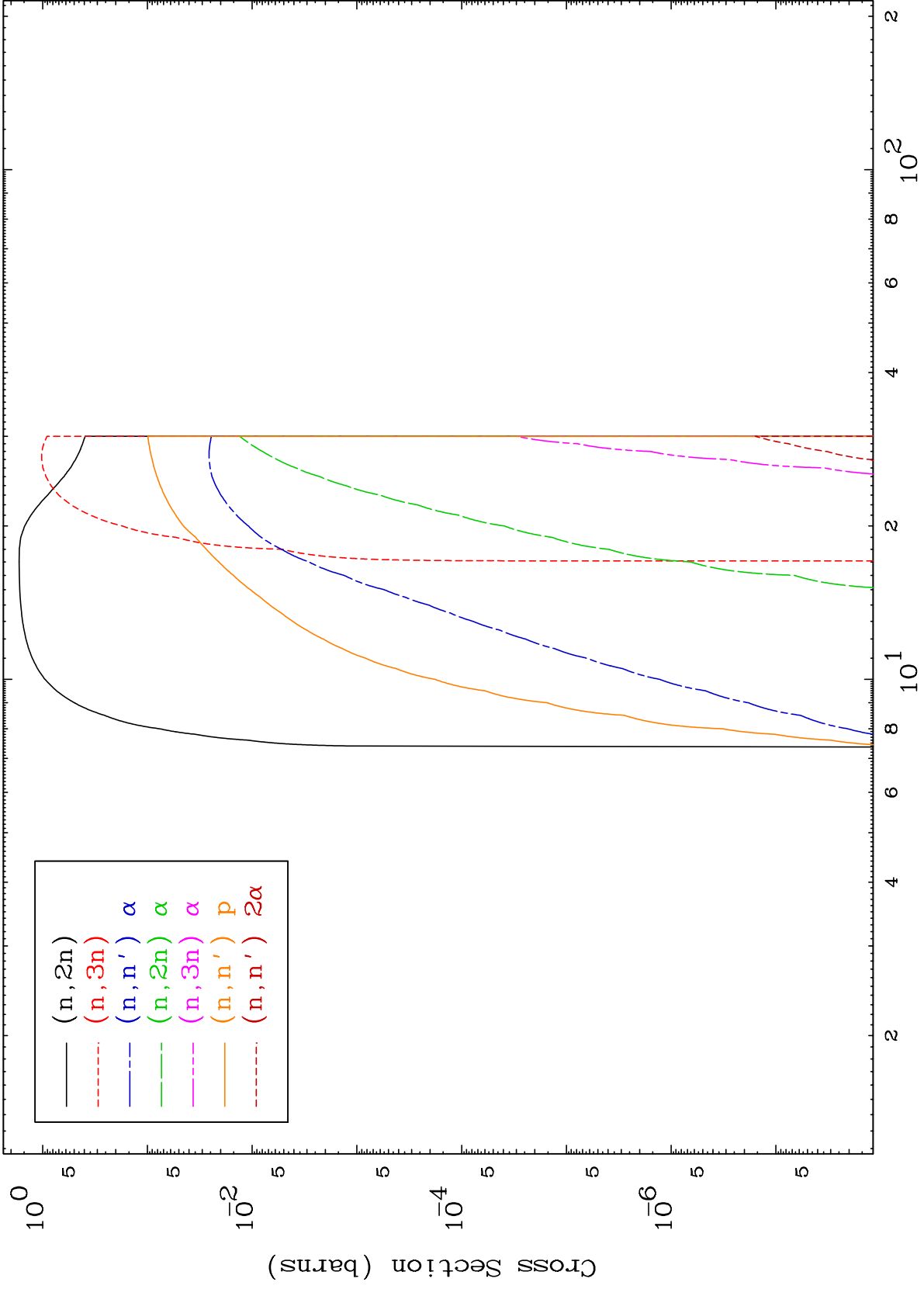
Press Mouse Button to Start



MAT 5517

Neutron Production
293 Kelvin Cross Sections

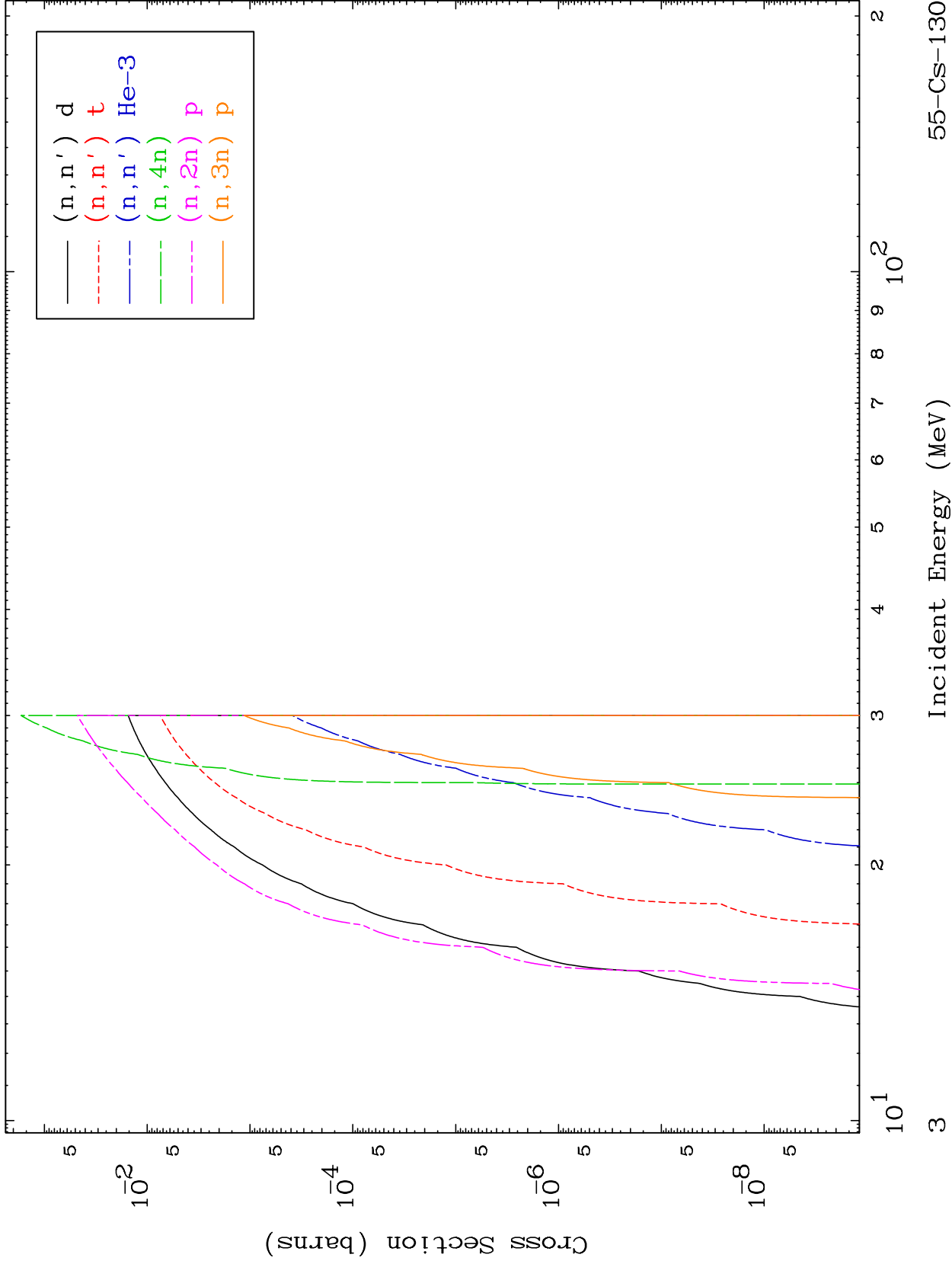
55-Cs-130



MAT 5517

Neutron Production
293 Kelvin Cross Sections

55-Cs-130



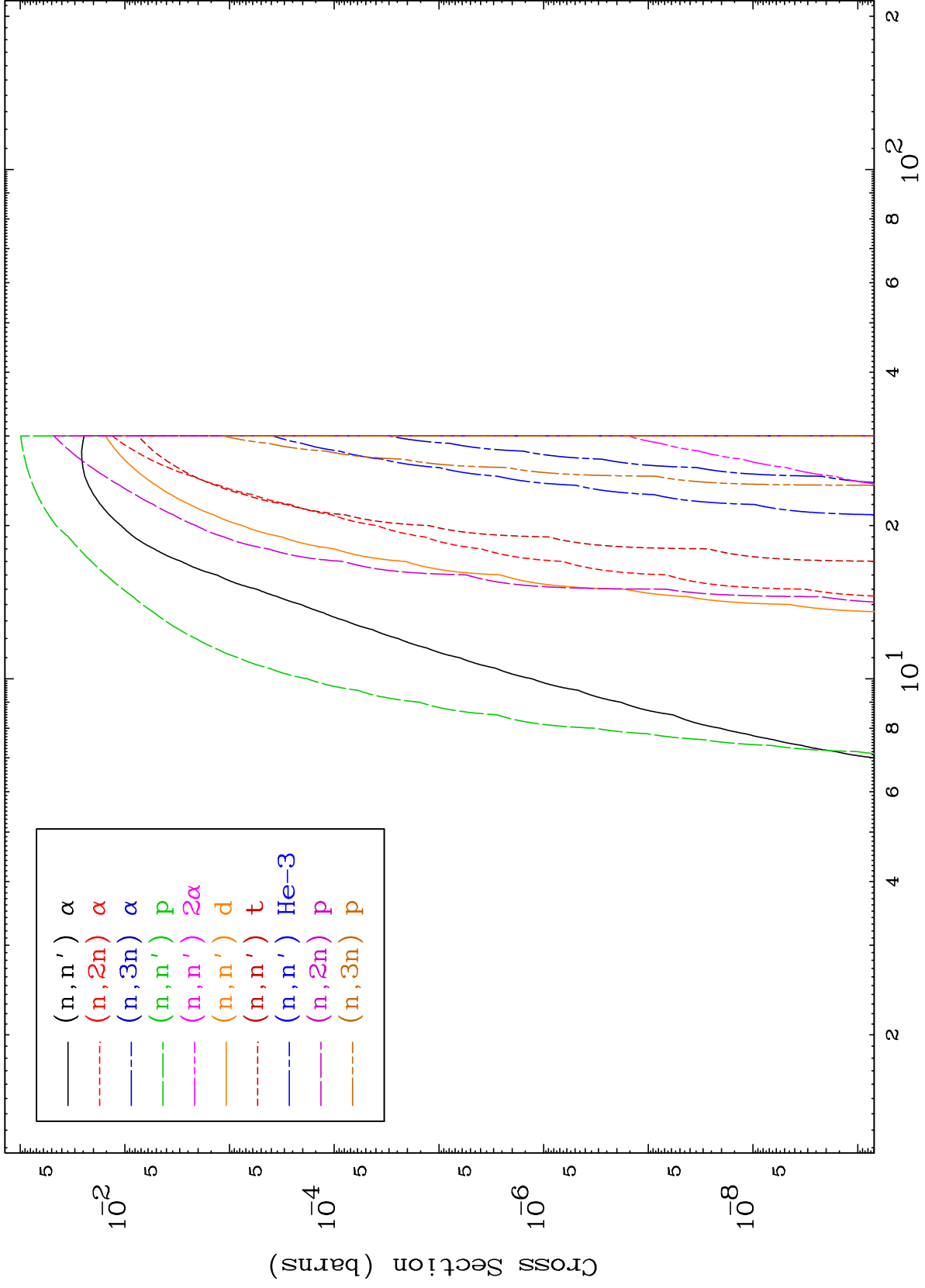
55-Cs-130

Incident Energy (MeV)

MAT 5517

Charged Particle
293 Kelvin Cross Sections

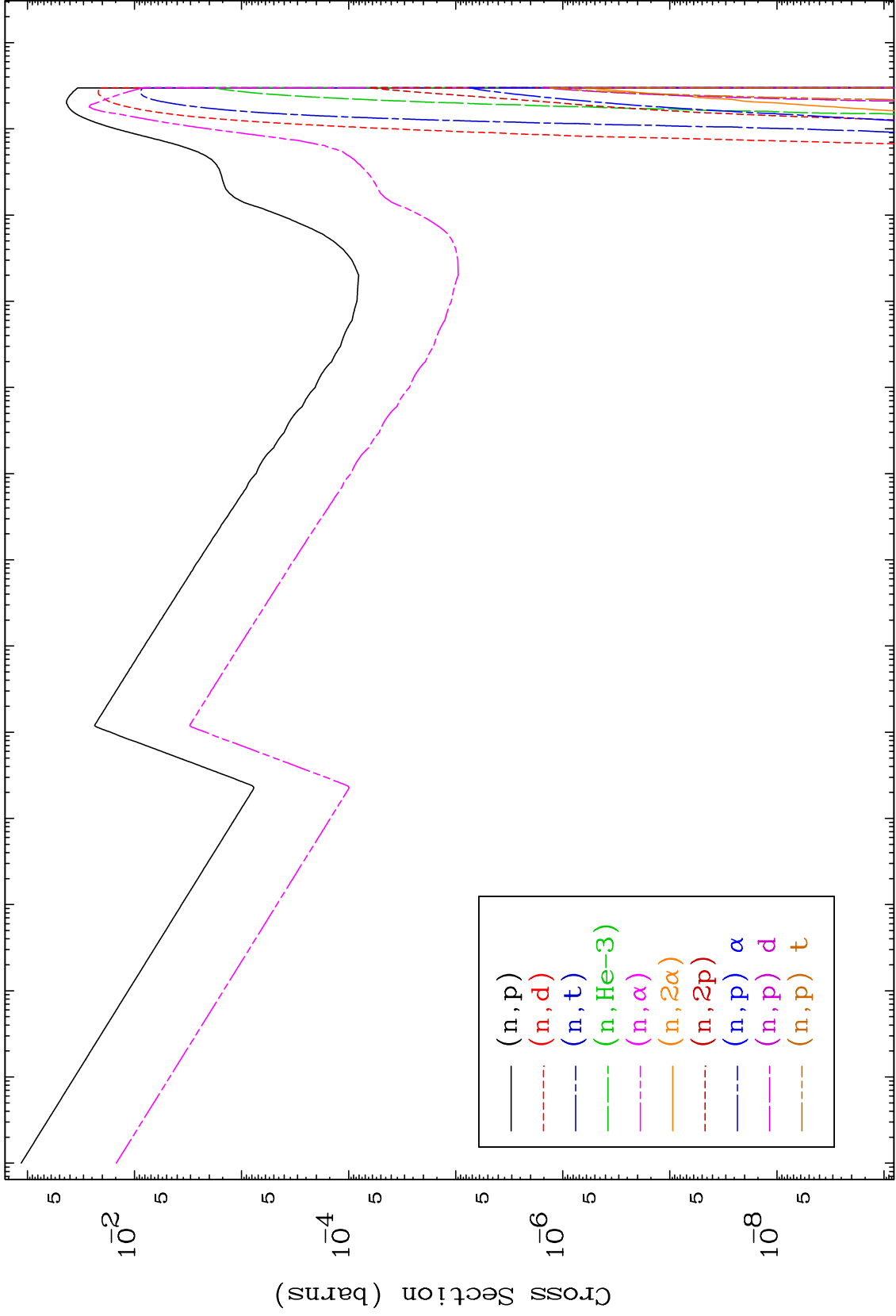
55-Cs-130



MAT 5517

Charged Particle
293 Kelvin Cross Sections

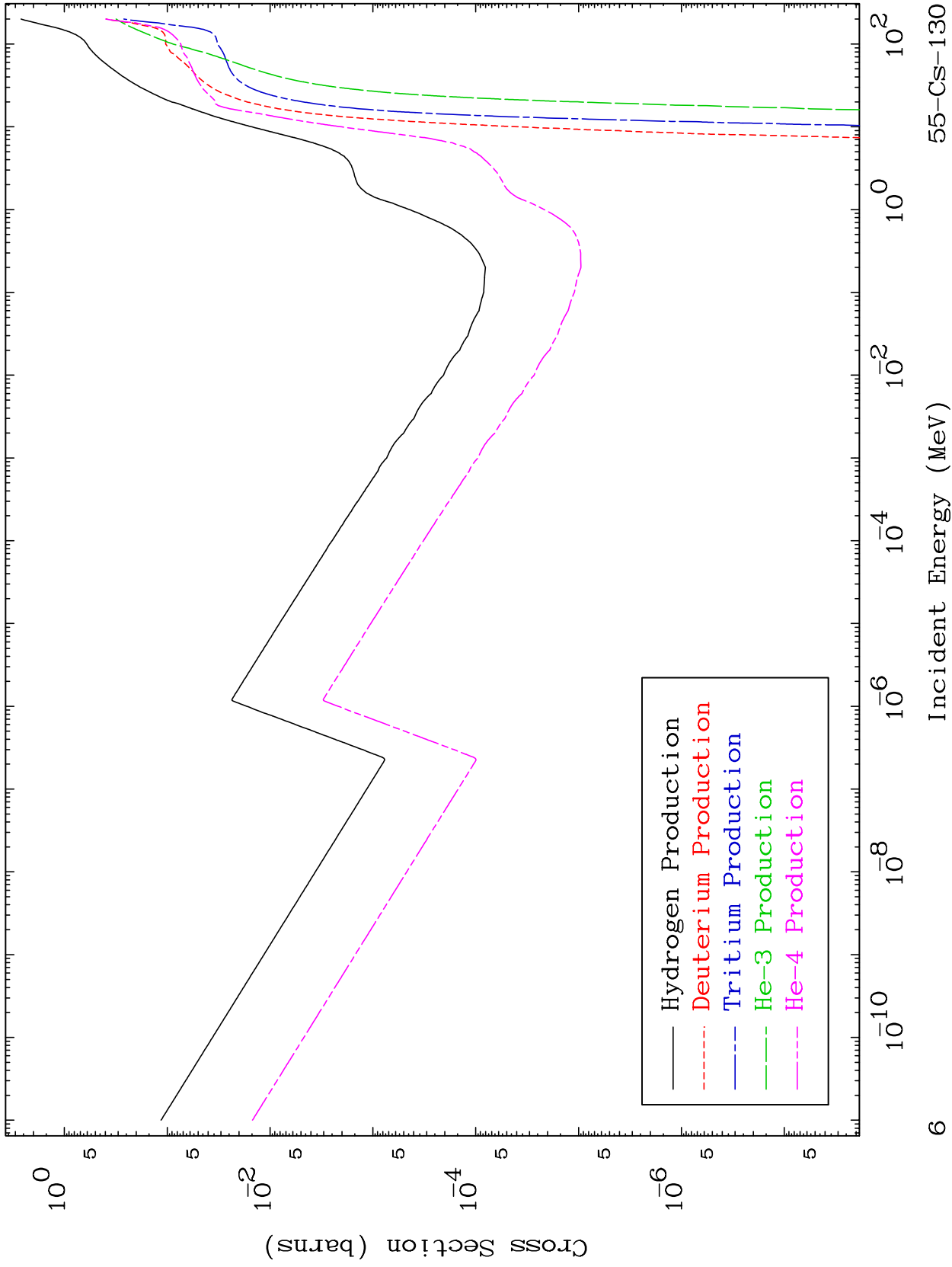
55-Cs-130



MAT 5517

Particle Production
293 Kelvin Cross Sections

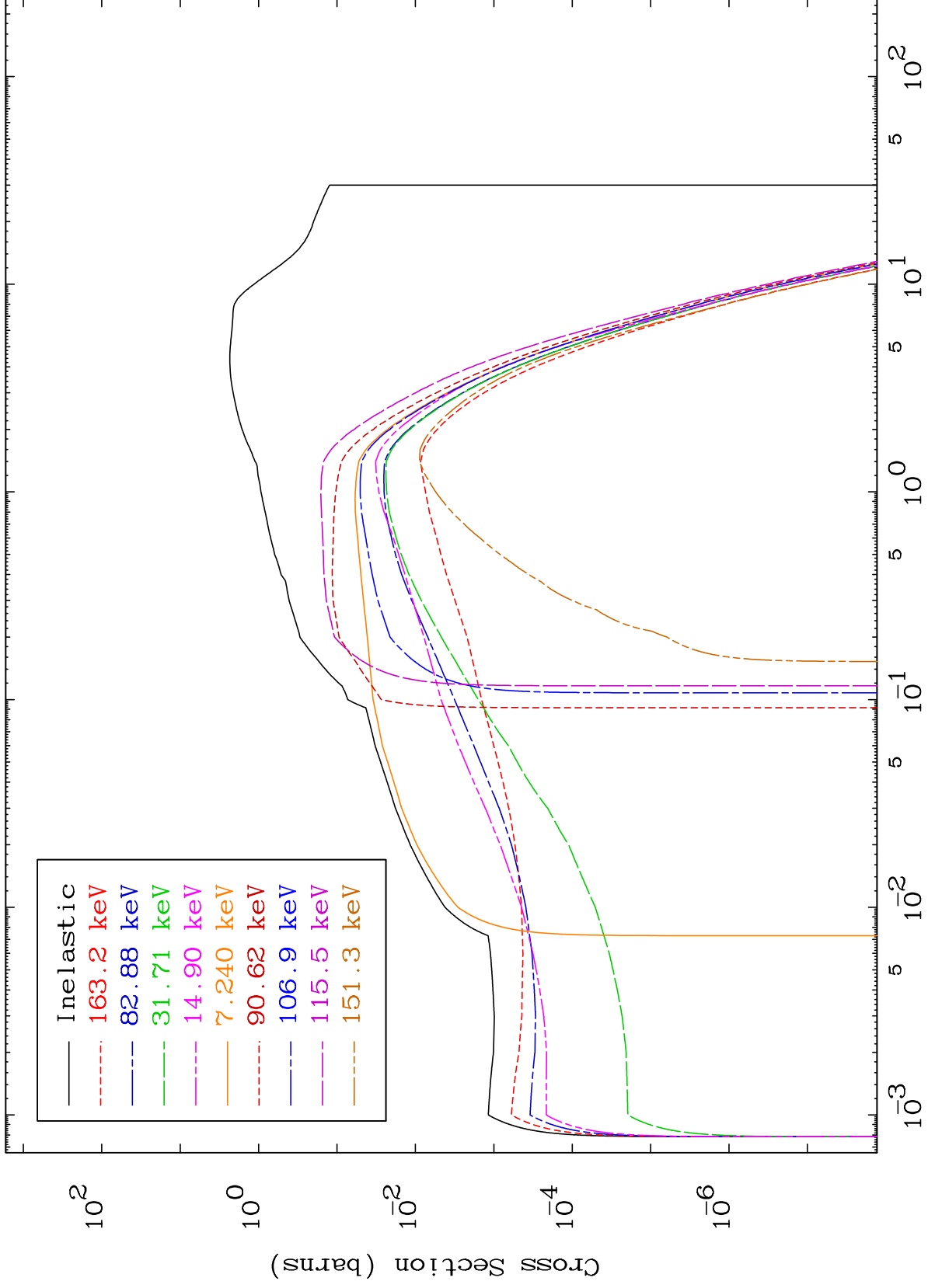
55-Cs-130



MAT 5517

(n,n') Level
293 Kelvin Cross Sections

55-Cs-130



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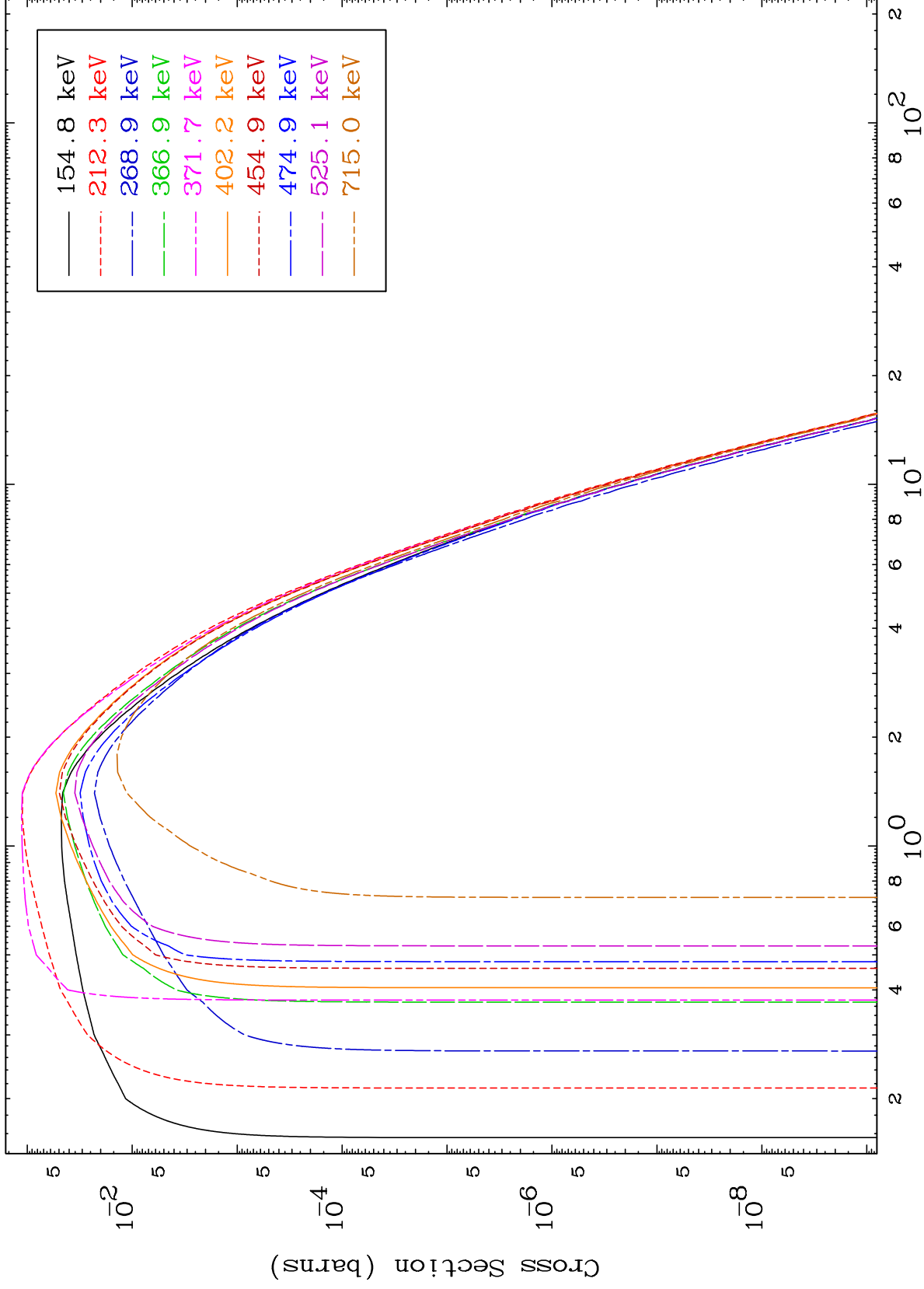
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,n') Level
293 Kelvin Cross Sections

55-Cs-130



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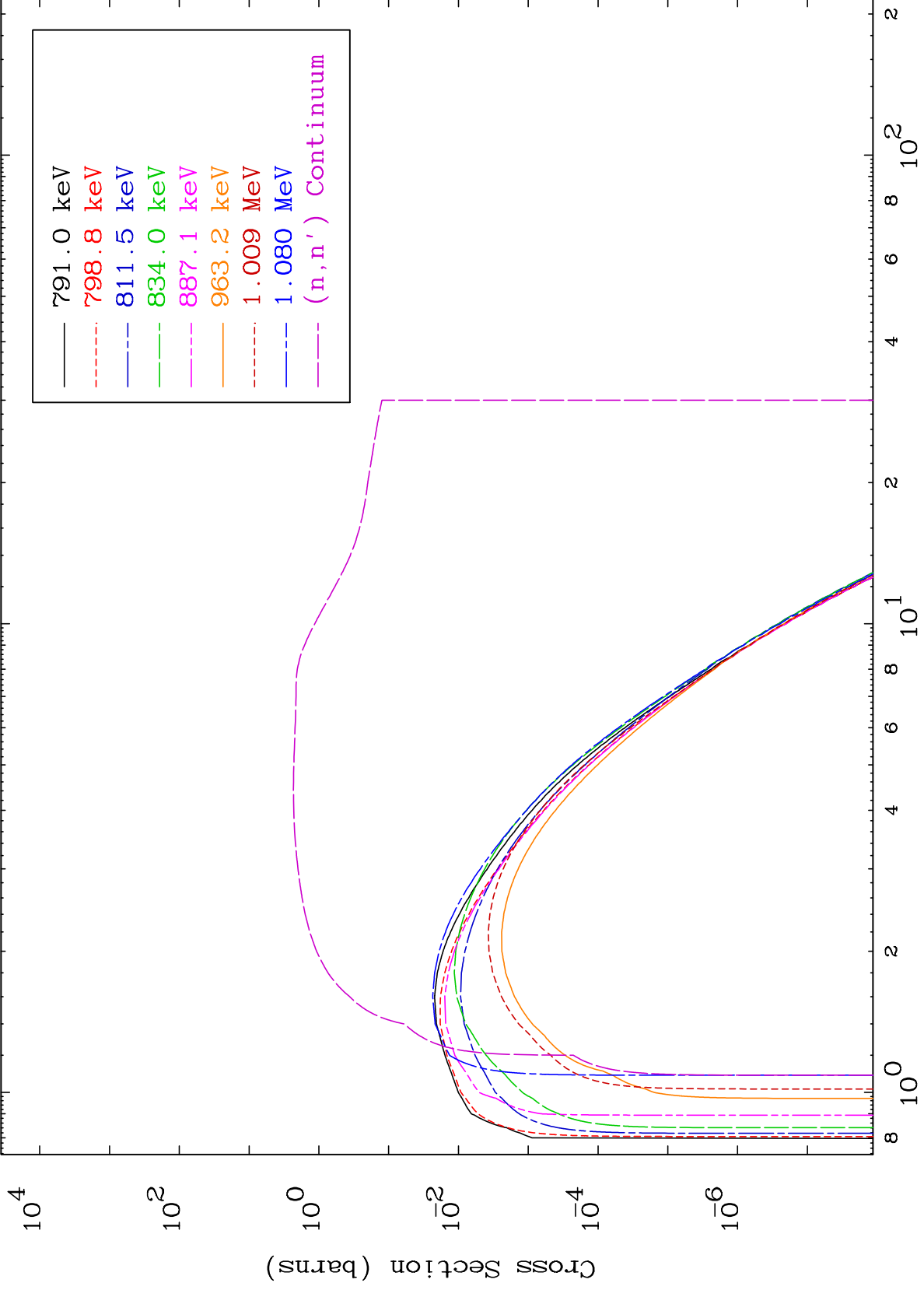
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,n') Level
293 Kelvin Cross Sections

55-Cs-130



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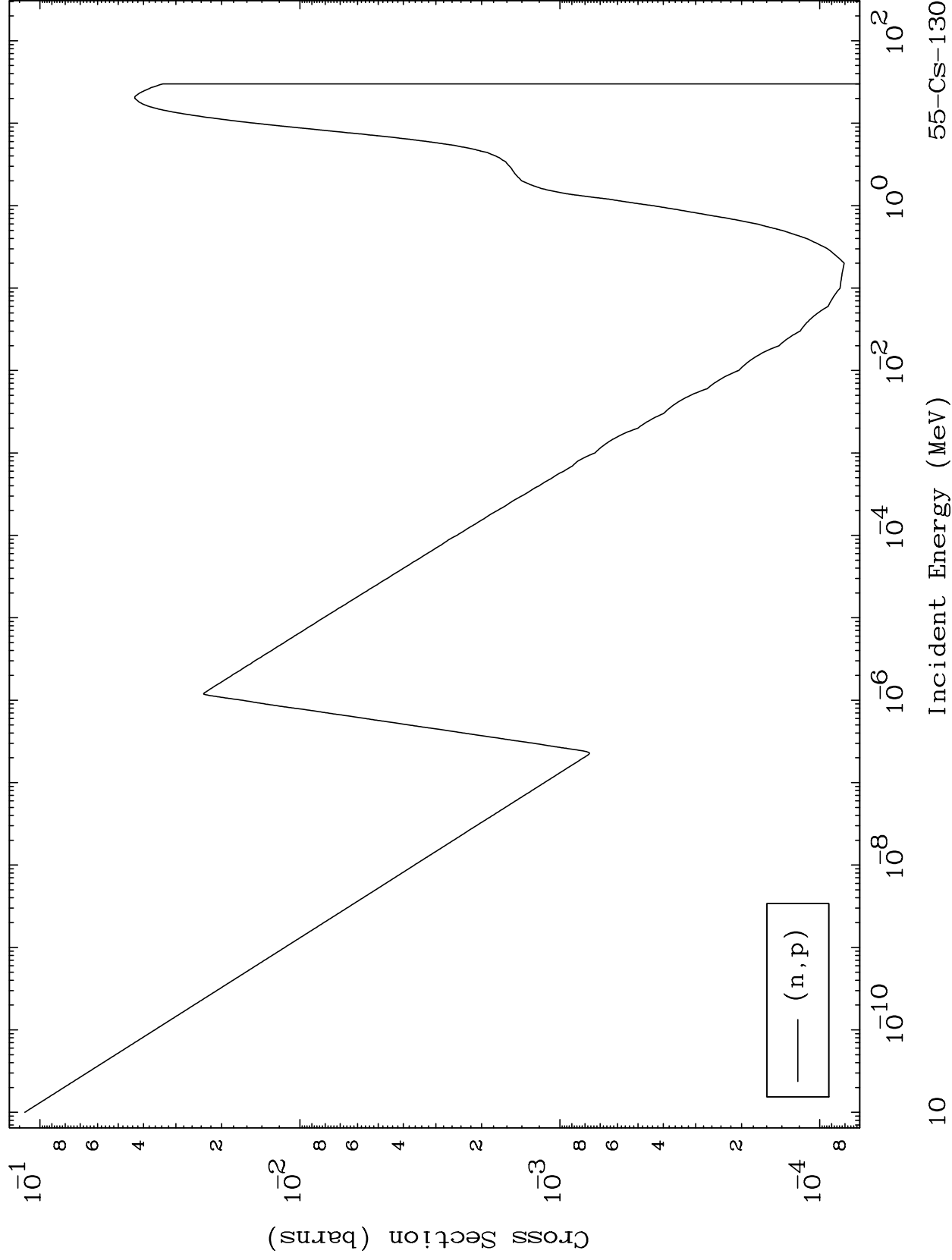
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-130



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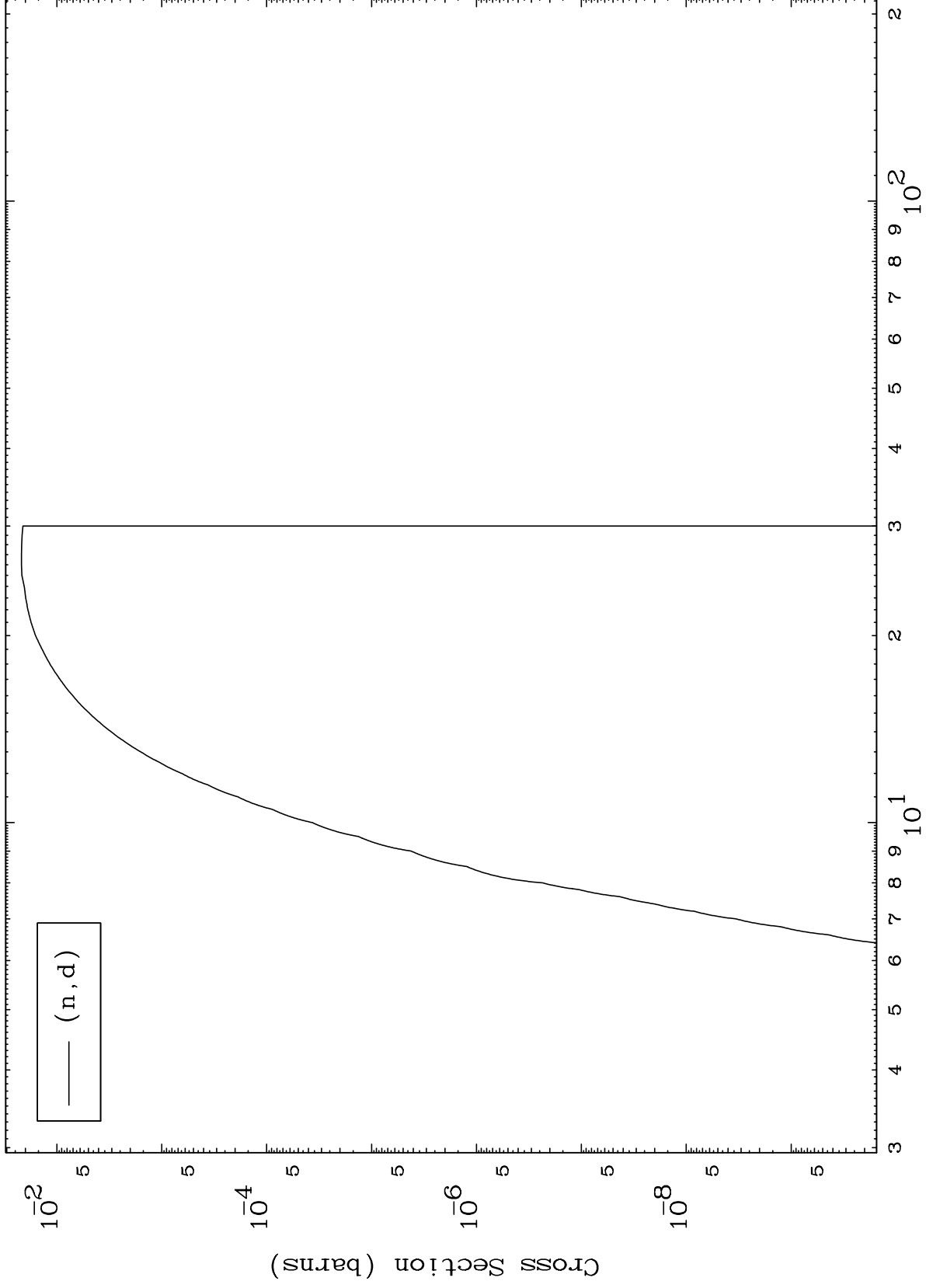
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-130



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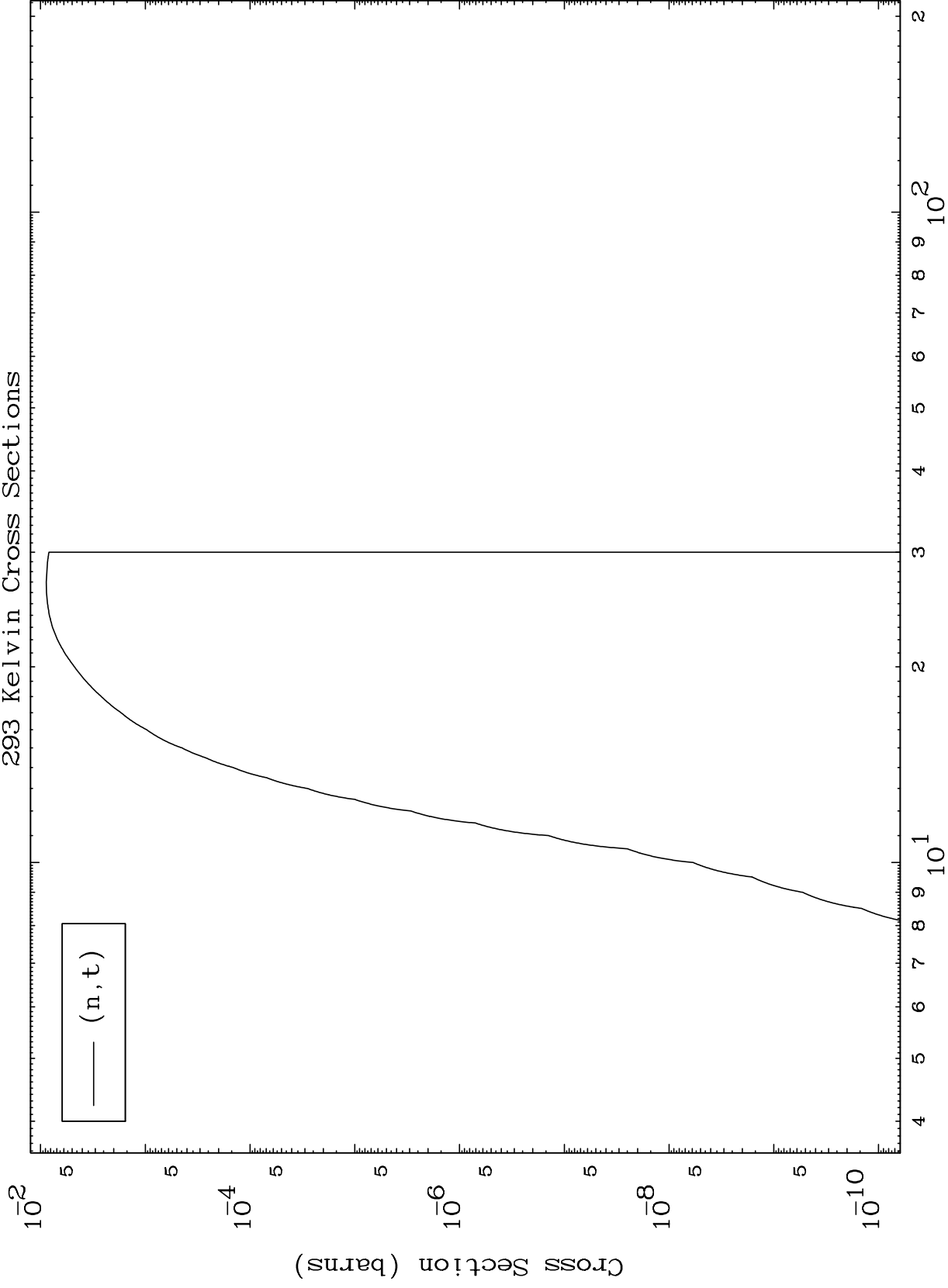
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-130



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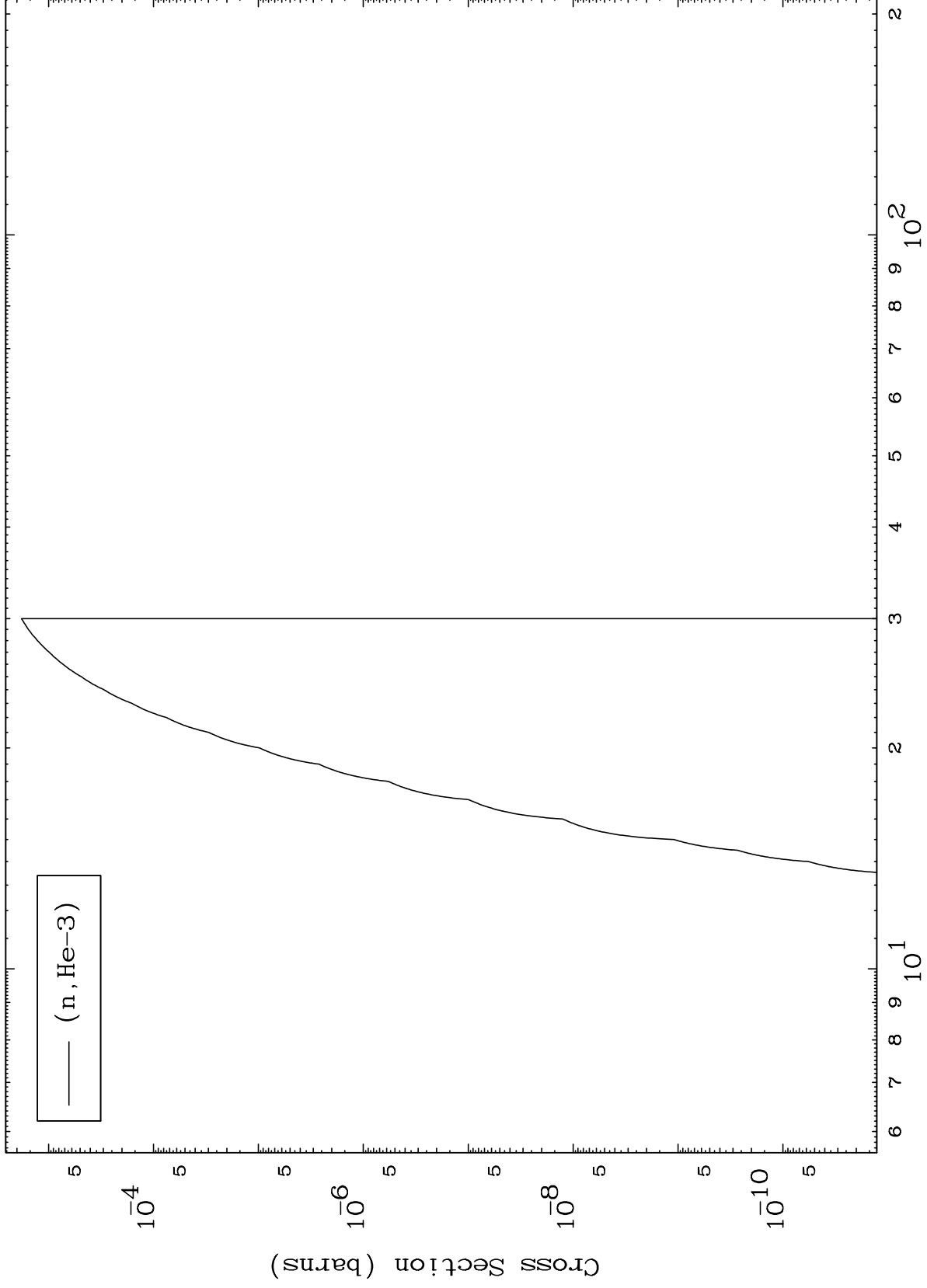
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-130



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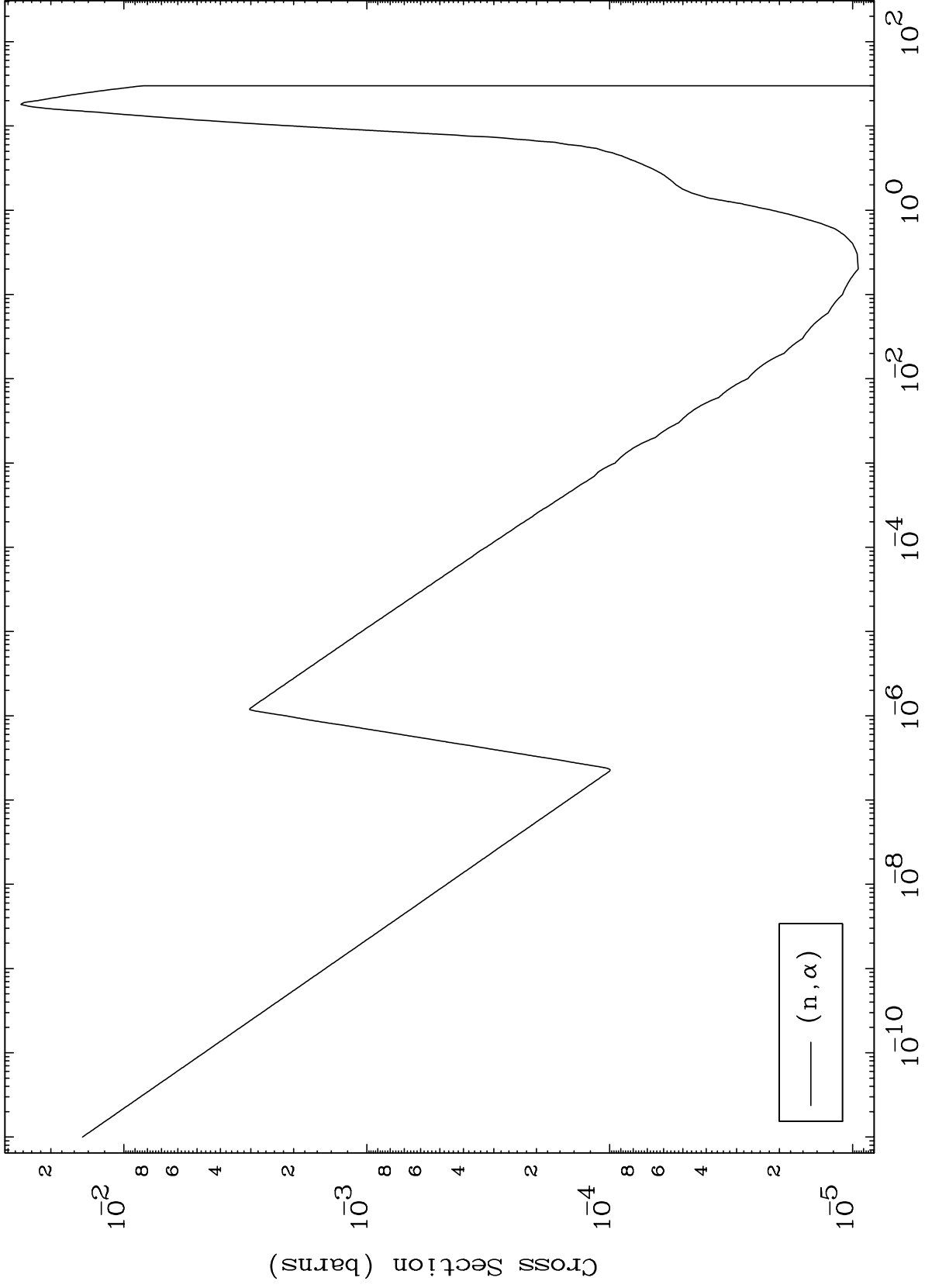
Incident Energy (MeV)

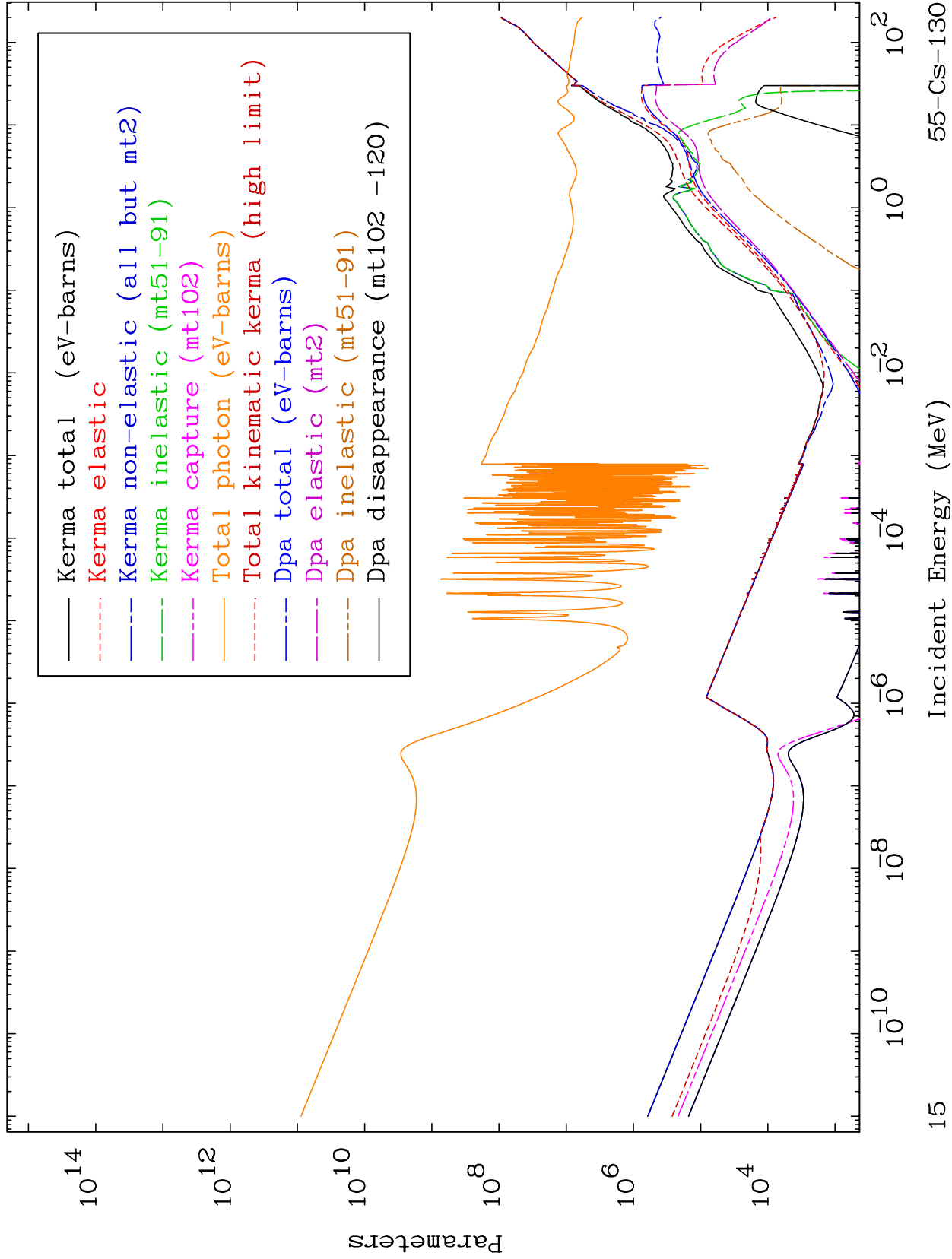
55-Cs-130

MAT 5517

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-130

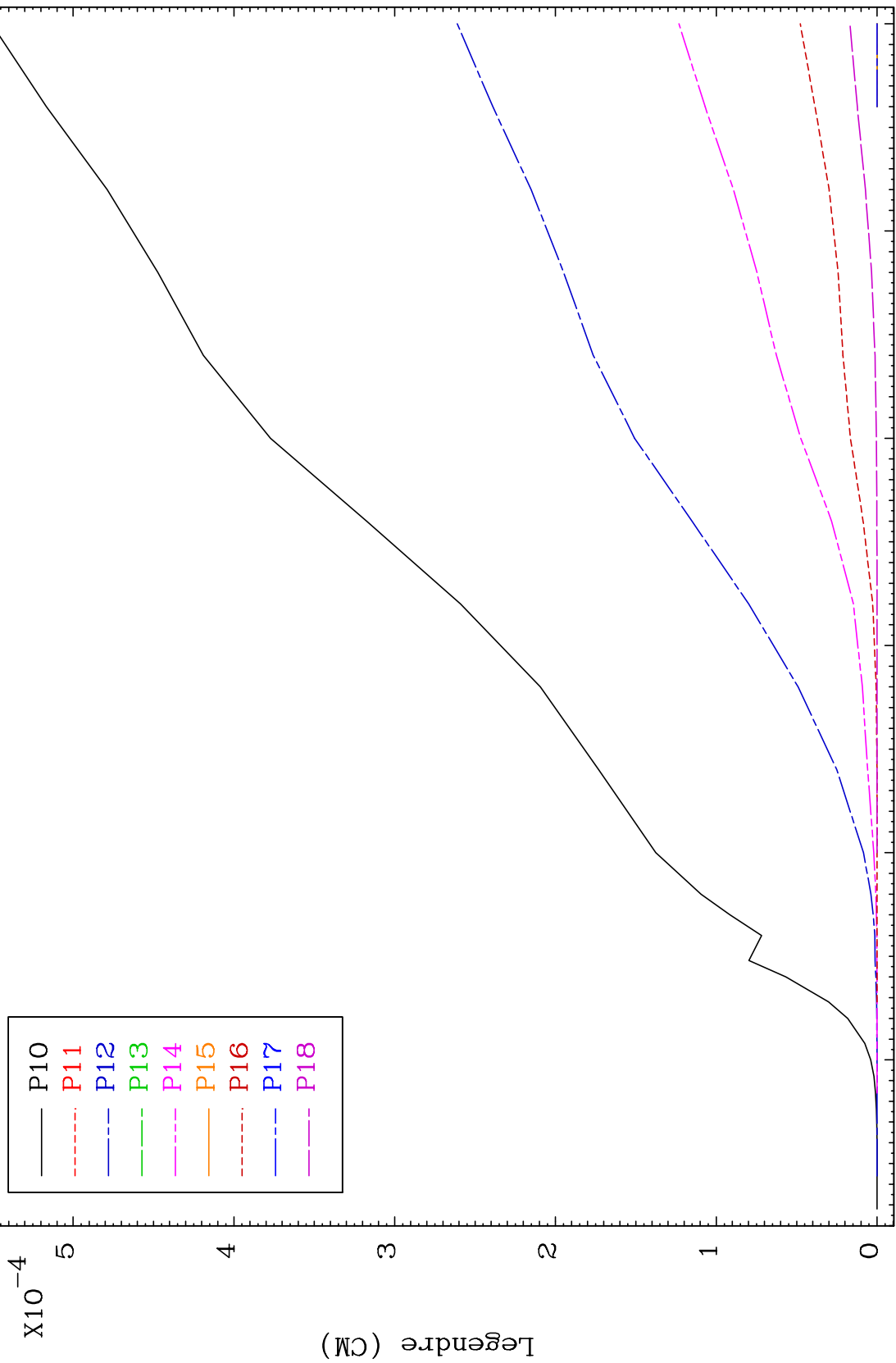
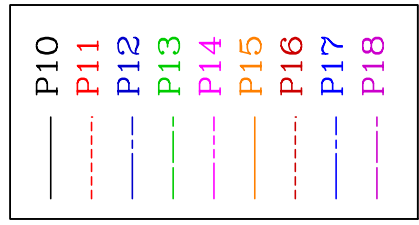




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Elastic Legendre Coefficients

55-Cs-130



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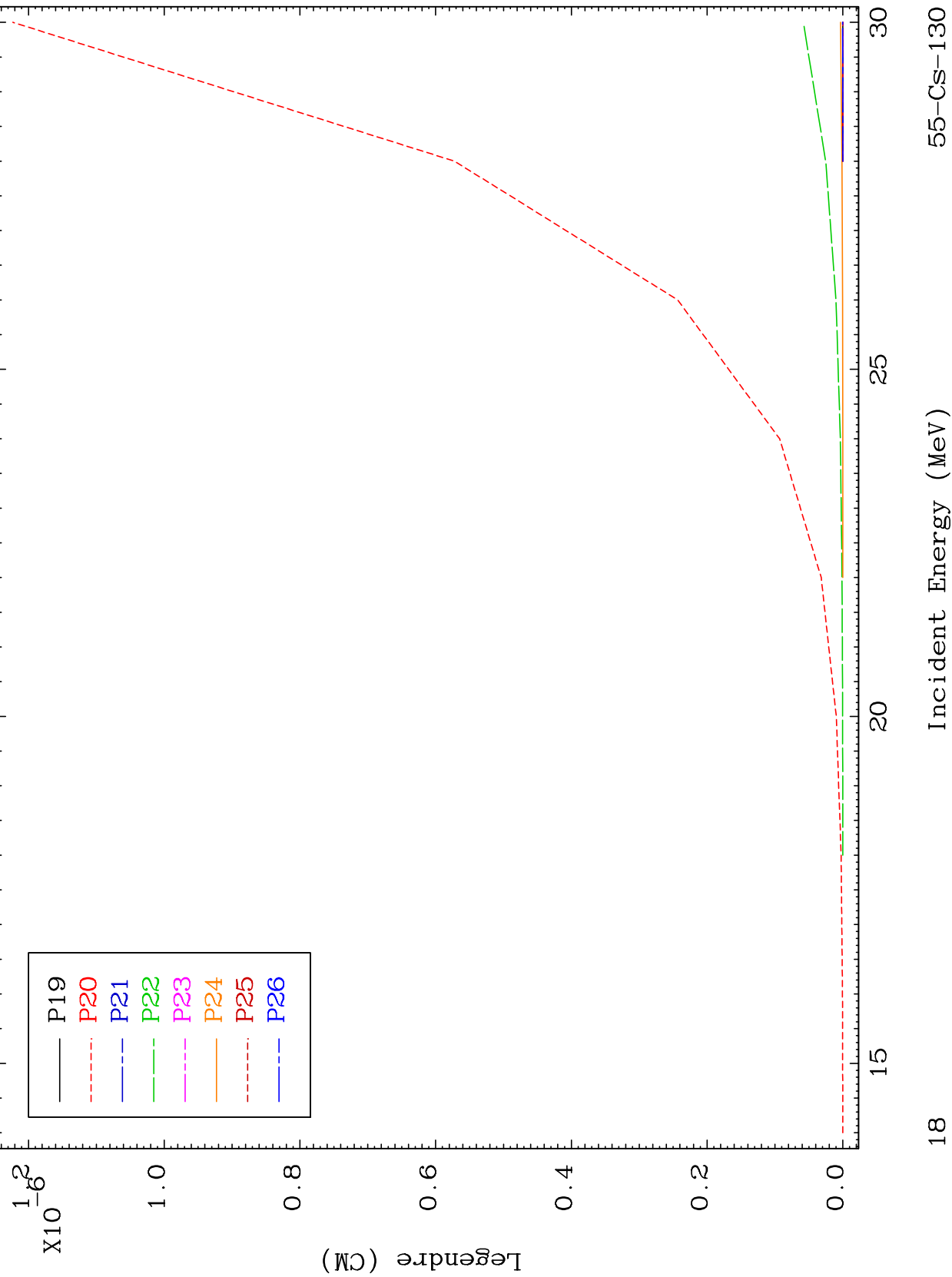
Incident Energy (MeV)

55-Cs-130

MAT 5517

Elastic Legendre Coefficients

55-Cs-130



18

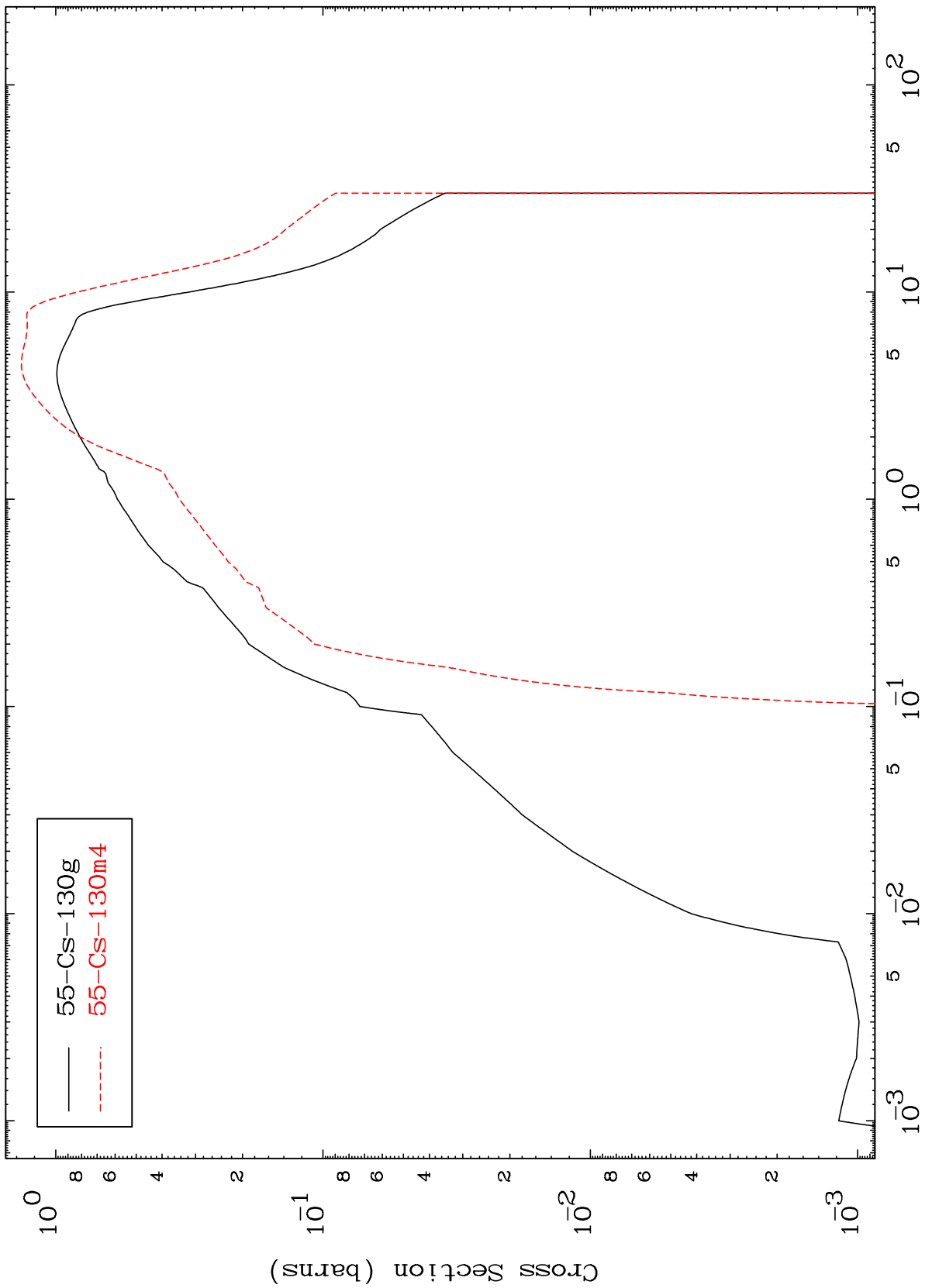
Incident Energy (MeV)

55-Cs-130

MAT 5517

55-Cs-130

Inelastic
Radionuclide Production Cross Section



— 55-Cs-130g
- - - 55-Cs-130m4

55-Cs-130

Incident Energy (MeV)

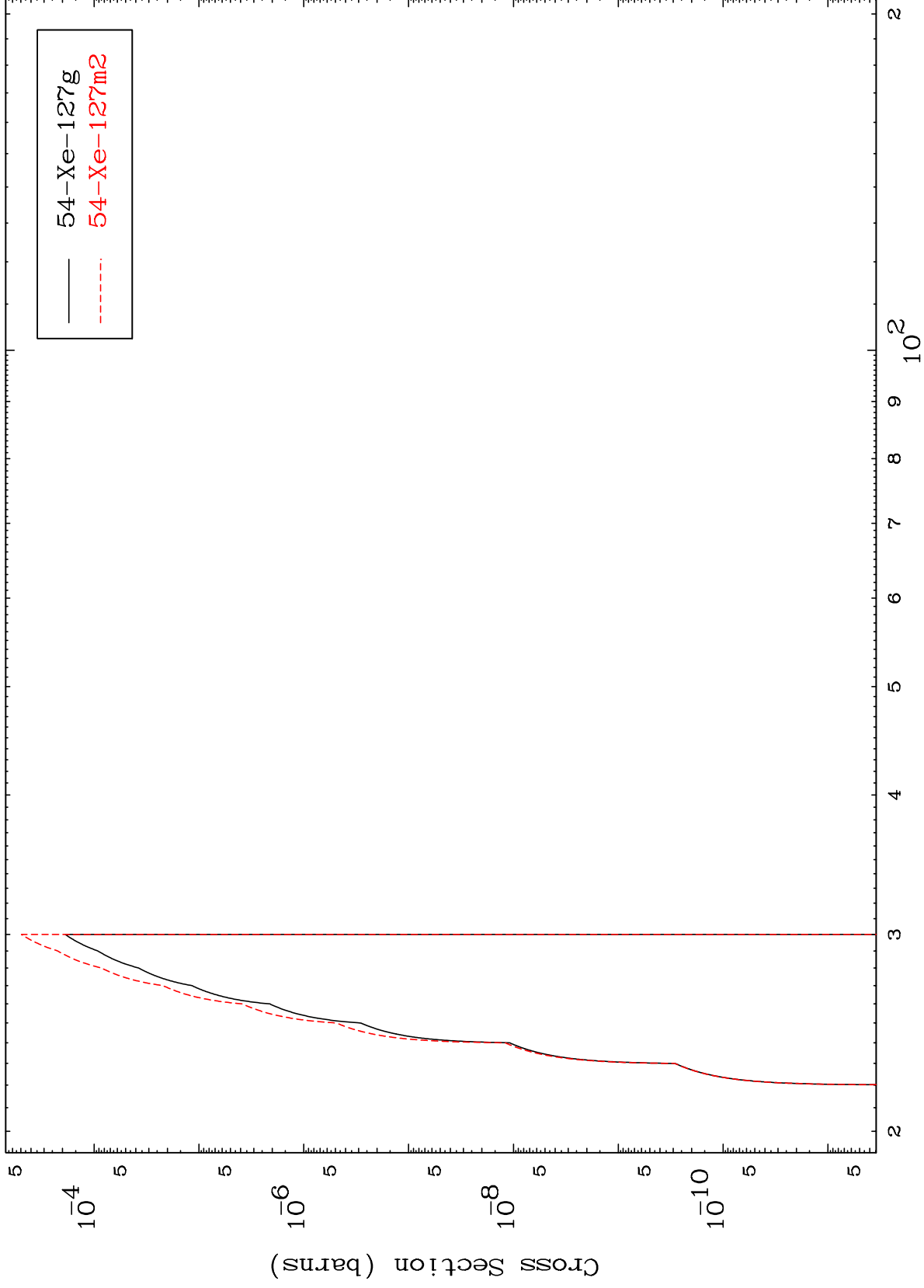
19

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(n,2n) d

55-Cs-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

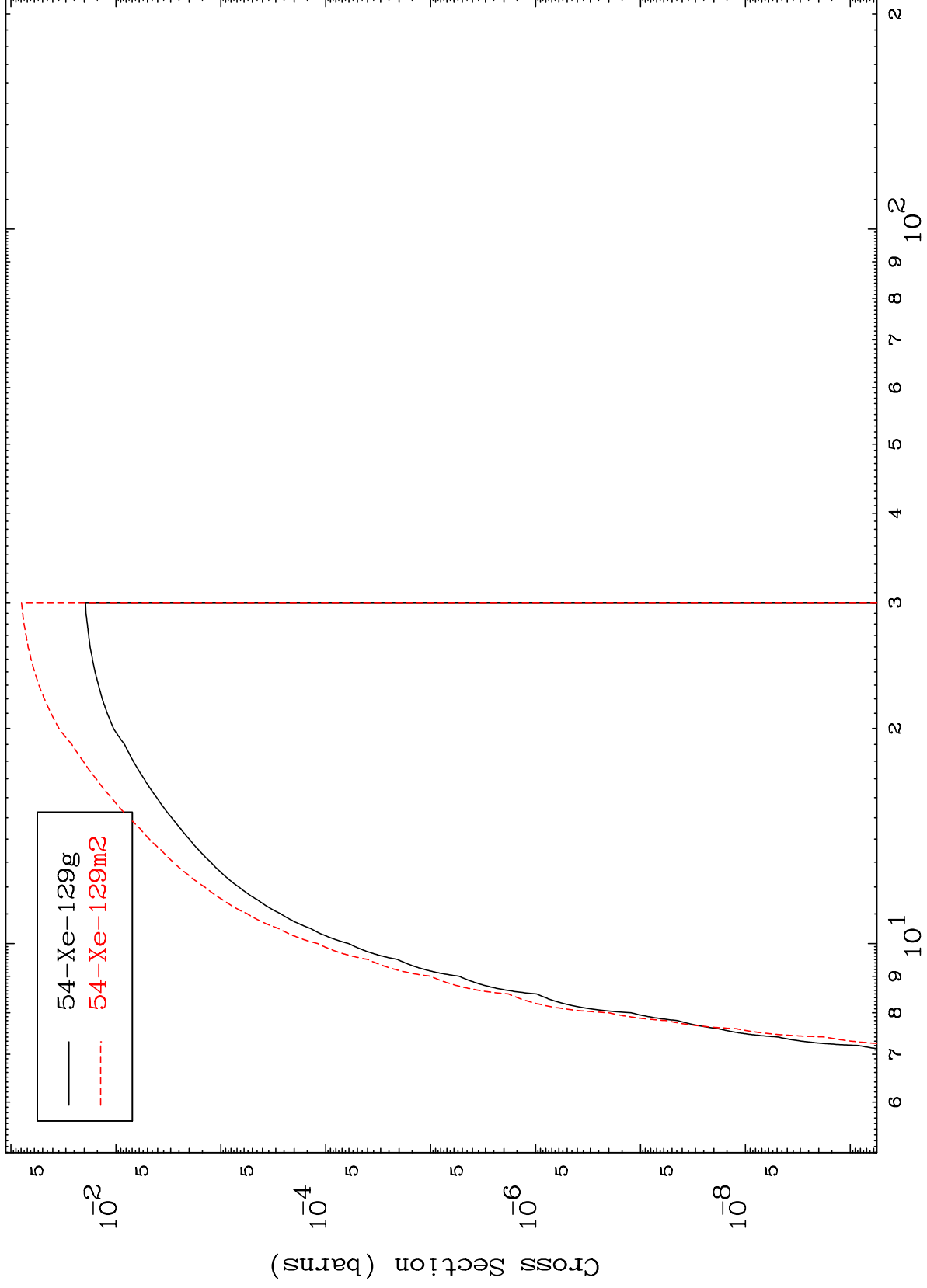
55-Cs-130

MAT 5517

(n,n') p

55-Cs-130

Radionuclide Production Cross Section



21

Incident Energy (MeV)

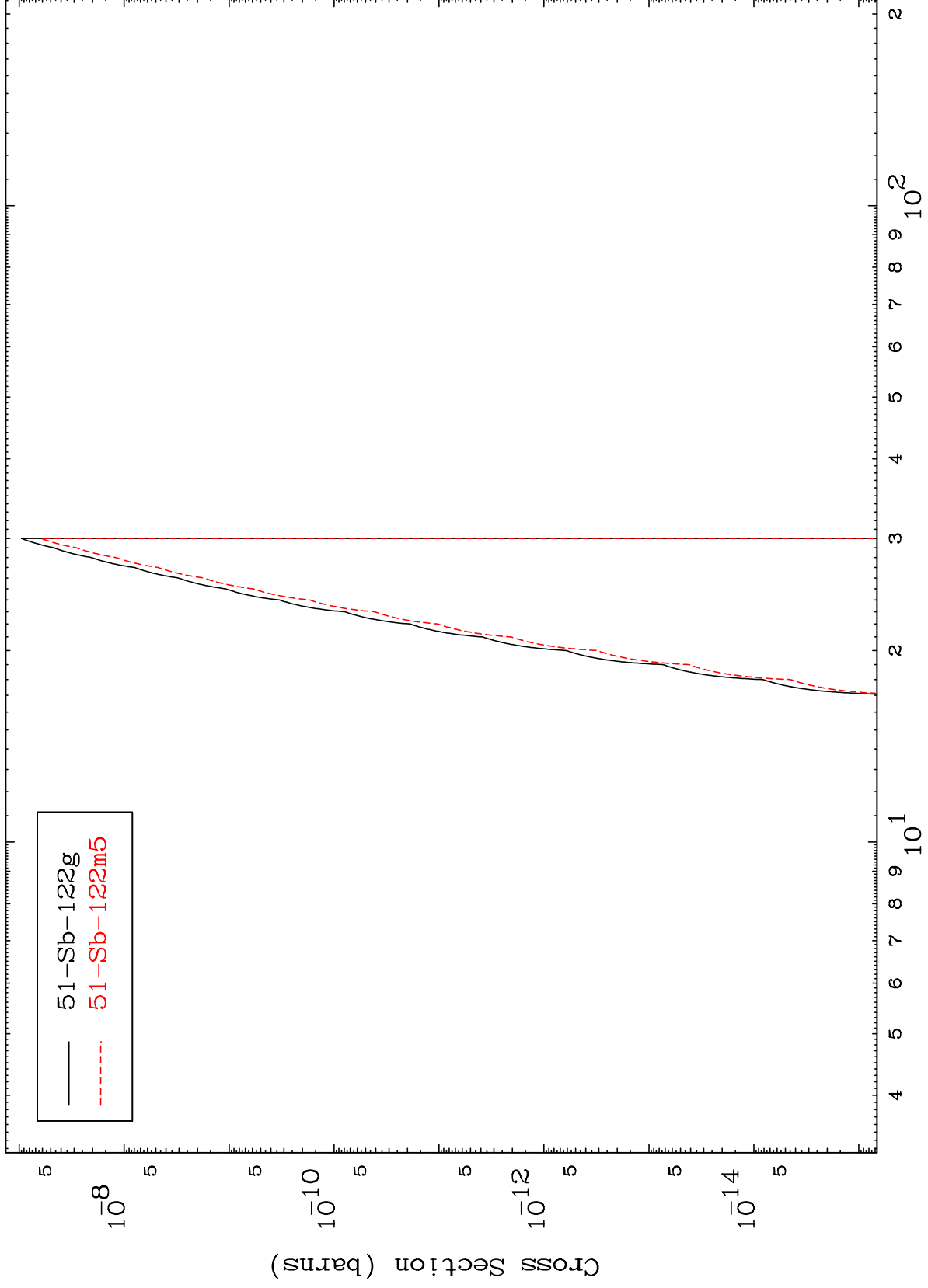
55-Cs-130

MAT 5517

(n,n') 2α

55-Cs-130

Radionuclide Production Cross Section

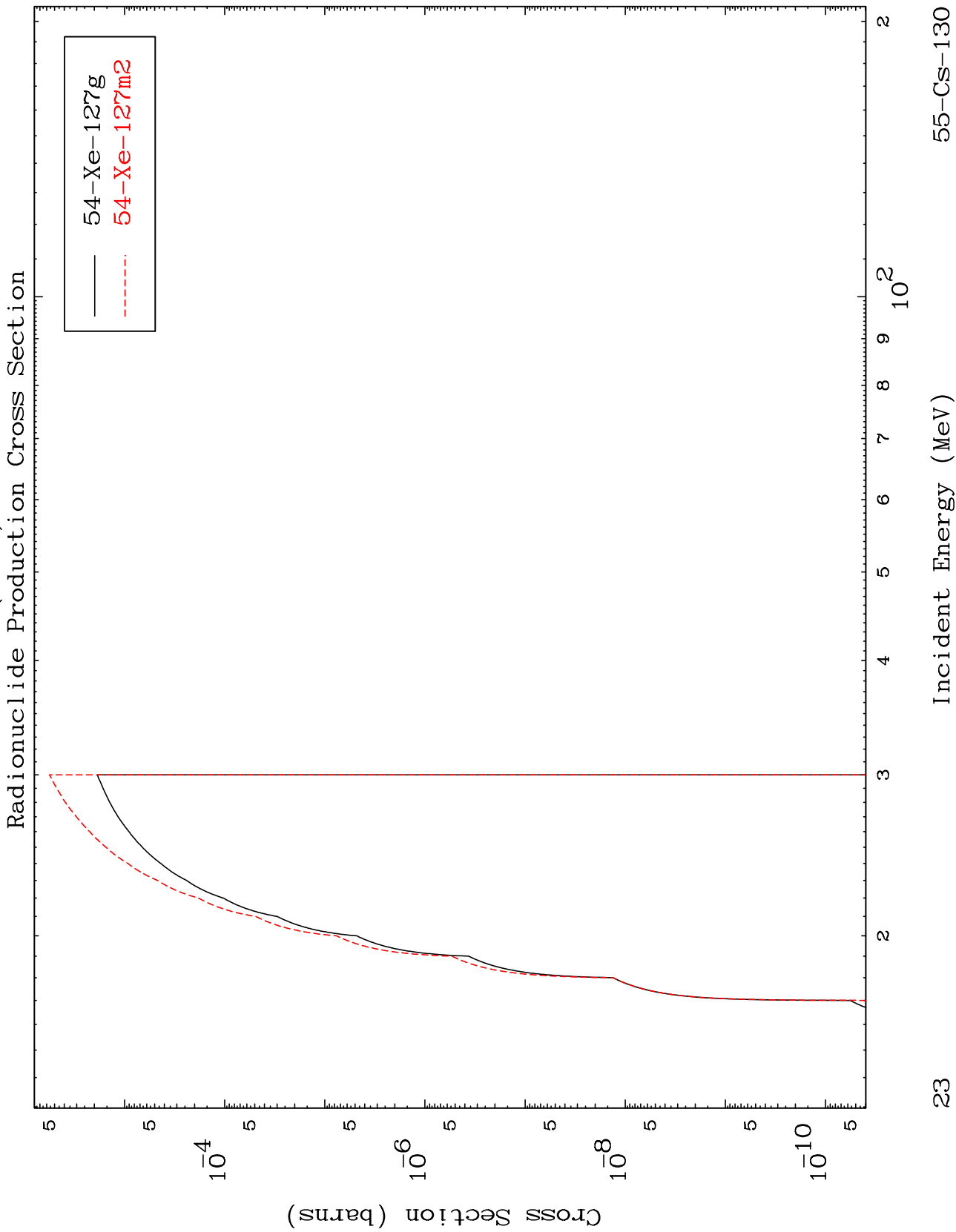


51-Sb-122g
51-Sb-122m5

22

Incident Energy (MeV)

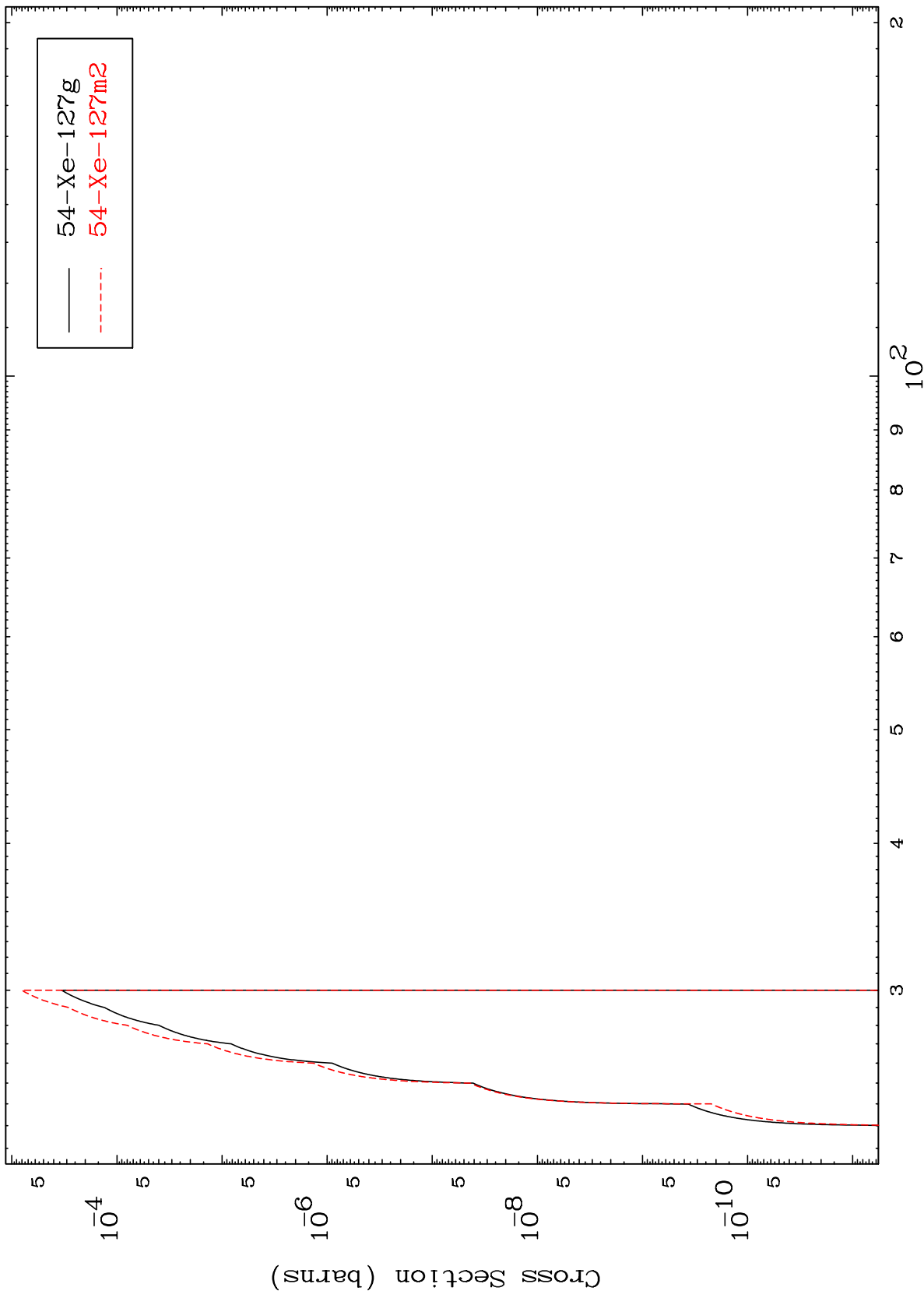
55-Cs-130



MAT 5517

55-Cs-130

(n,3n) p
Radionuclide Production Cross Section



24

55-Cs-130

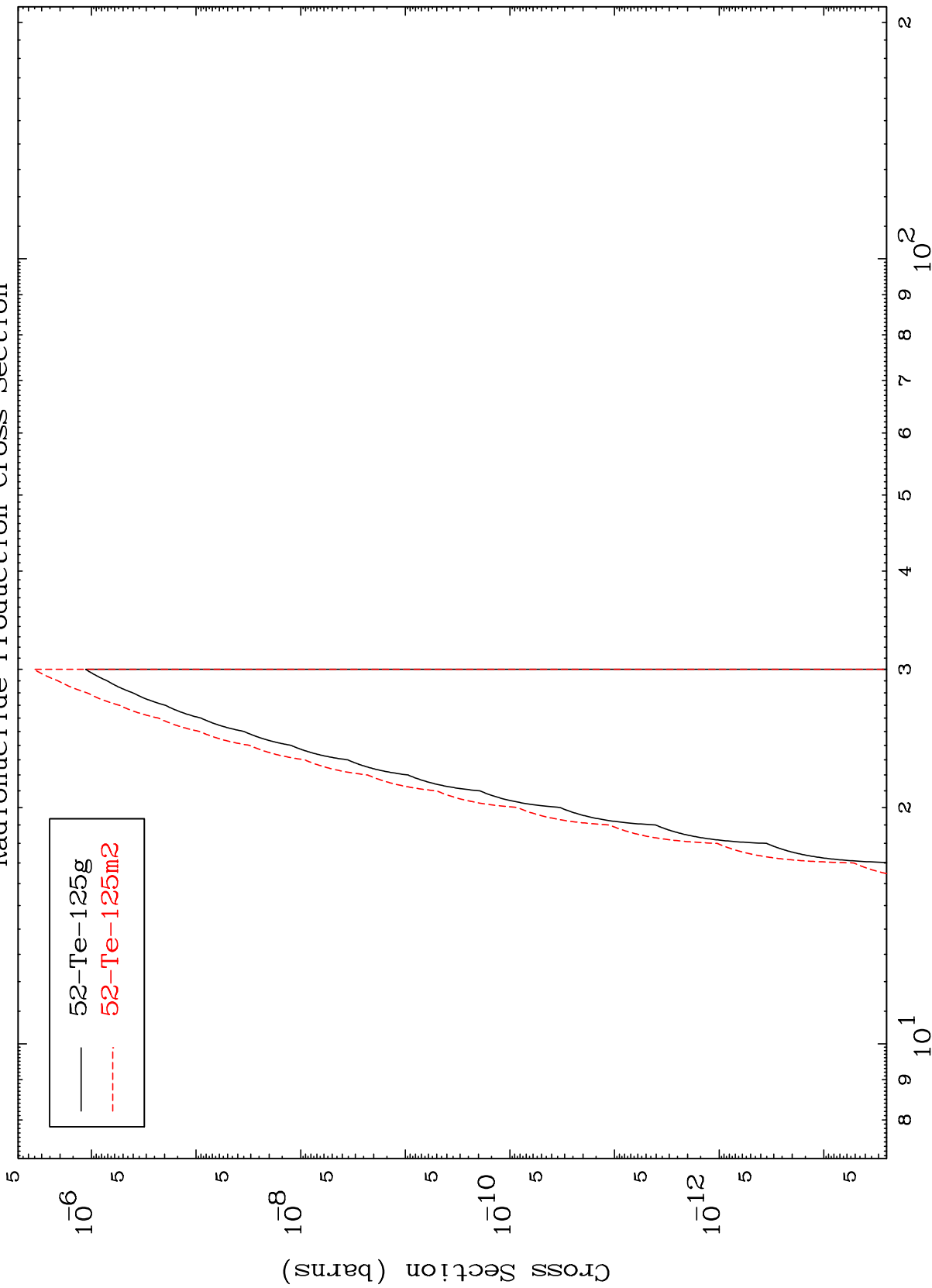
Incident Energy (MeV)

MAT 5517

(n,n') p α

55-Cs-130

Radionuclide Production Cross Section



52-Te-125g
52-Te-125m2

25

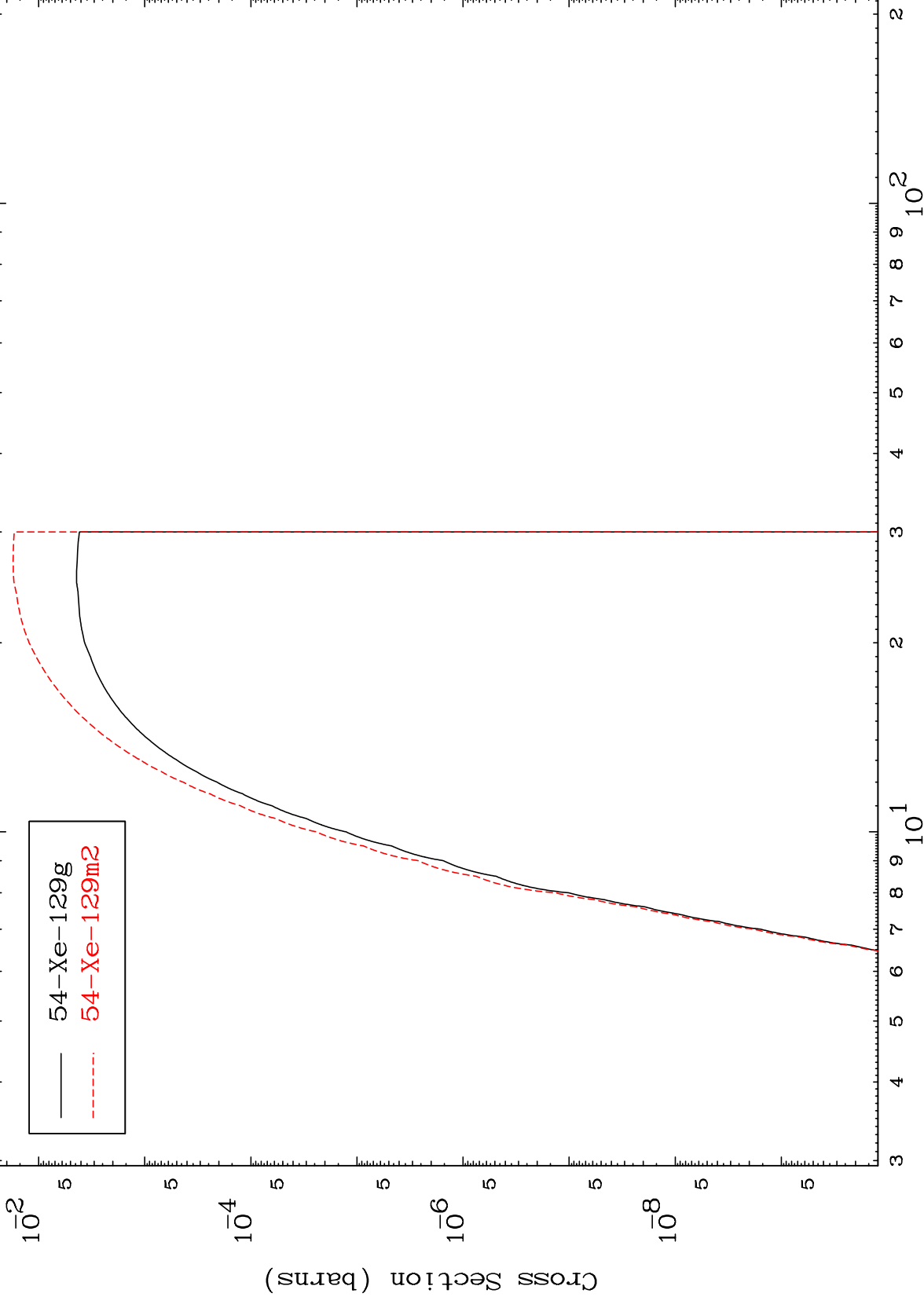
Incident Energy (MeV)

55-Cs-130

MAT 5517

55-Cs-130

(n,d)
Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

26

Incident Energy (MeV)

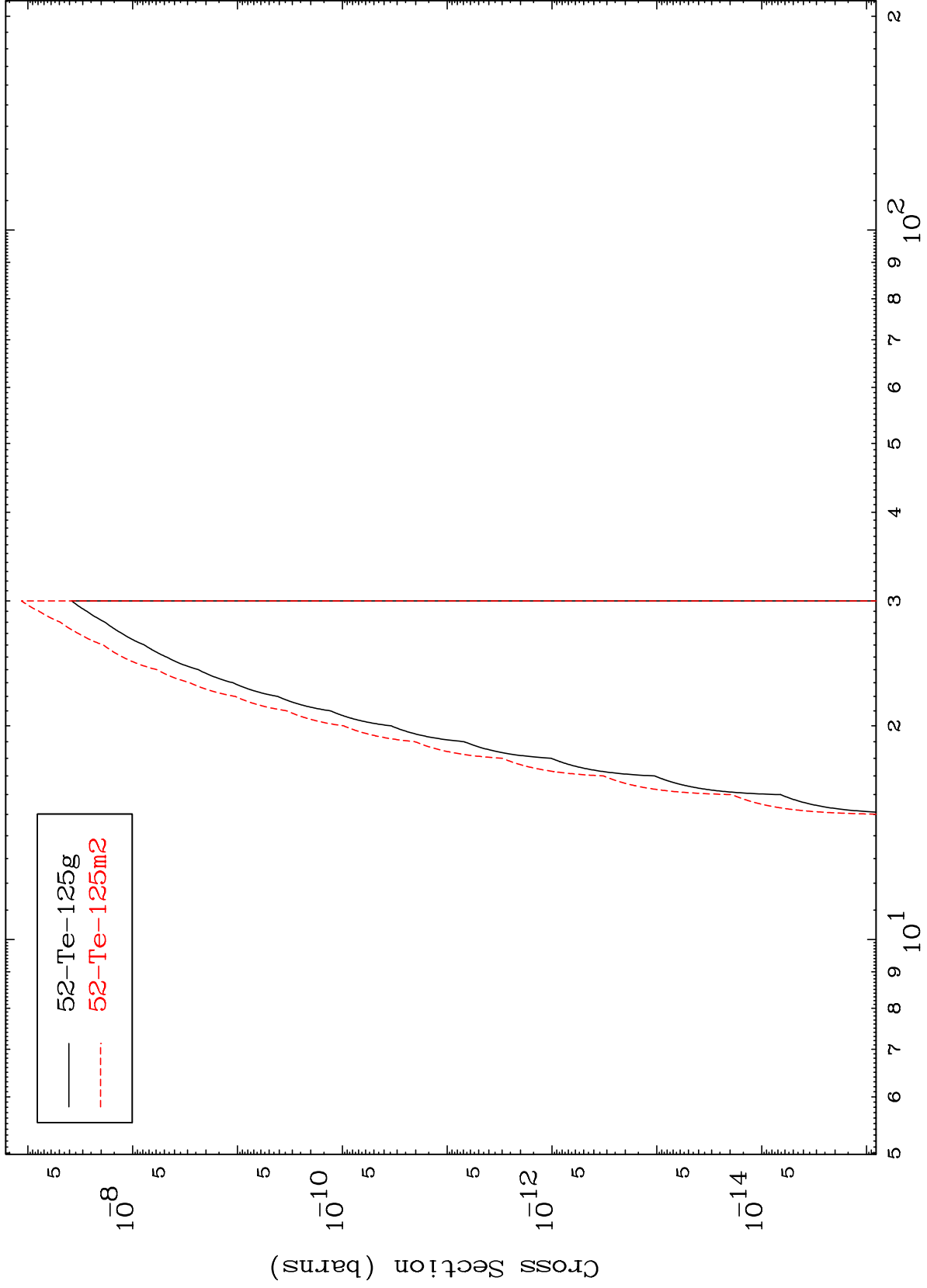
55-Cs-130

MAT 5517

(n,d) α

55-Cs-130

Radionuclide Production Cross Section



27

Incident Energy (MeV)

55-Cs-130