

Program EVALPLOT
(Version 2015-2)

by

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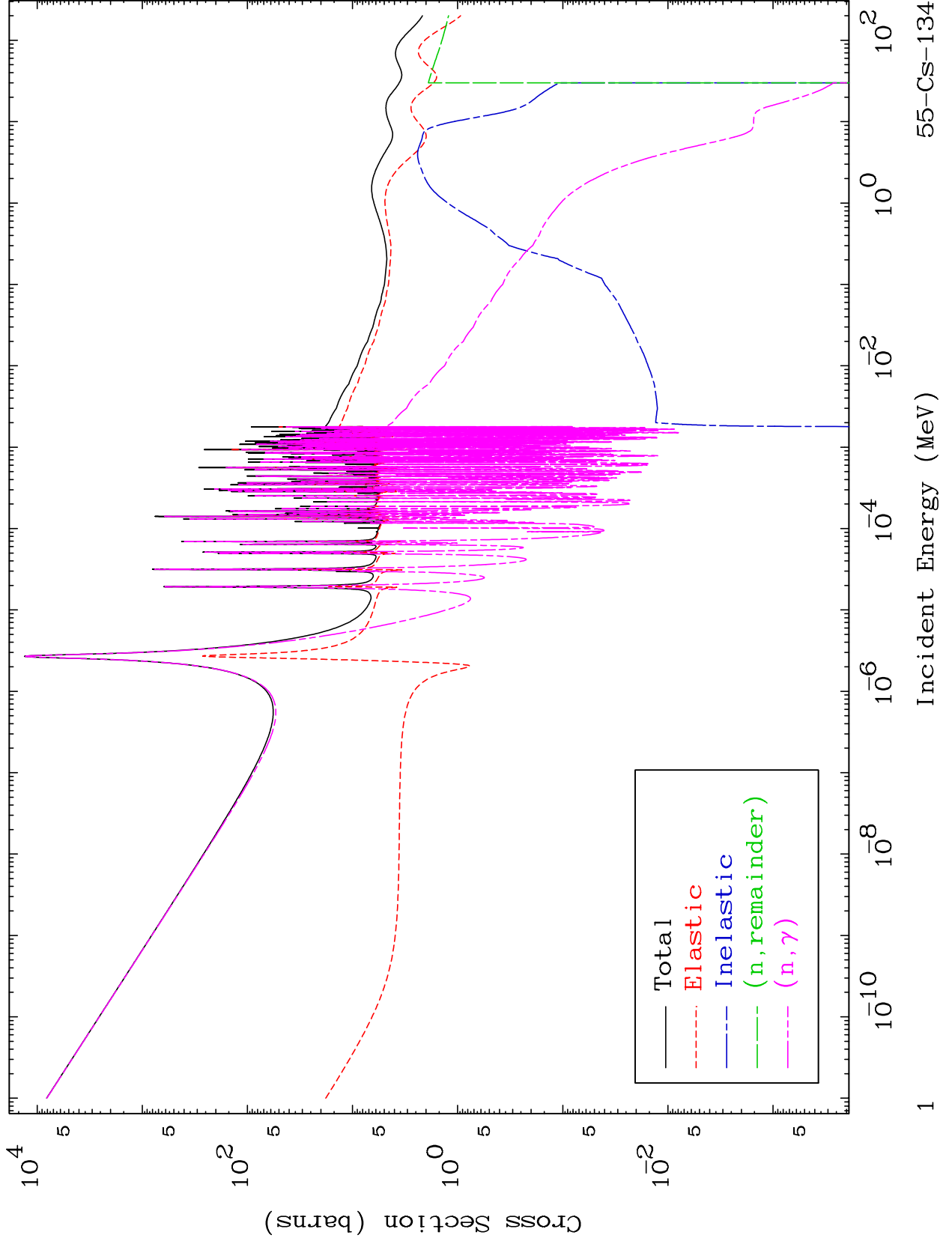
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

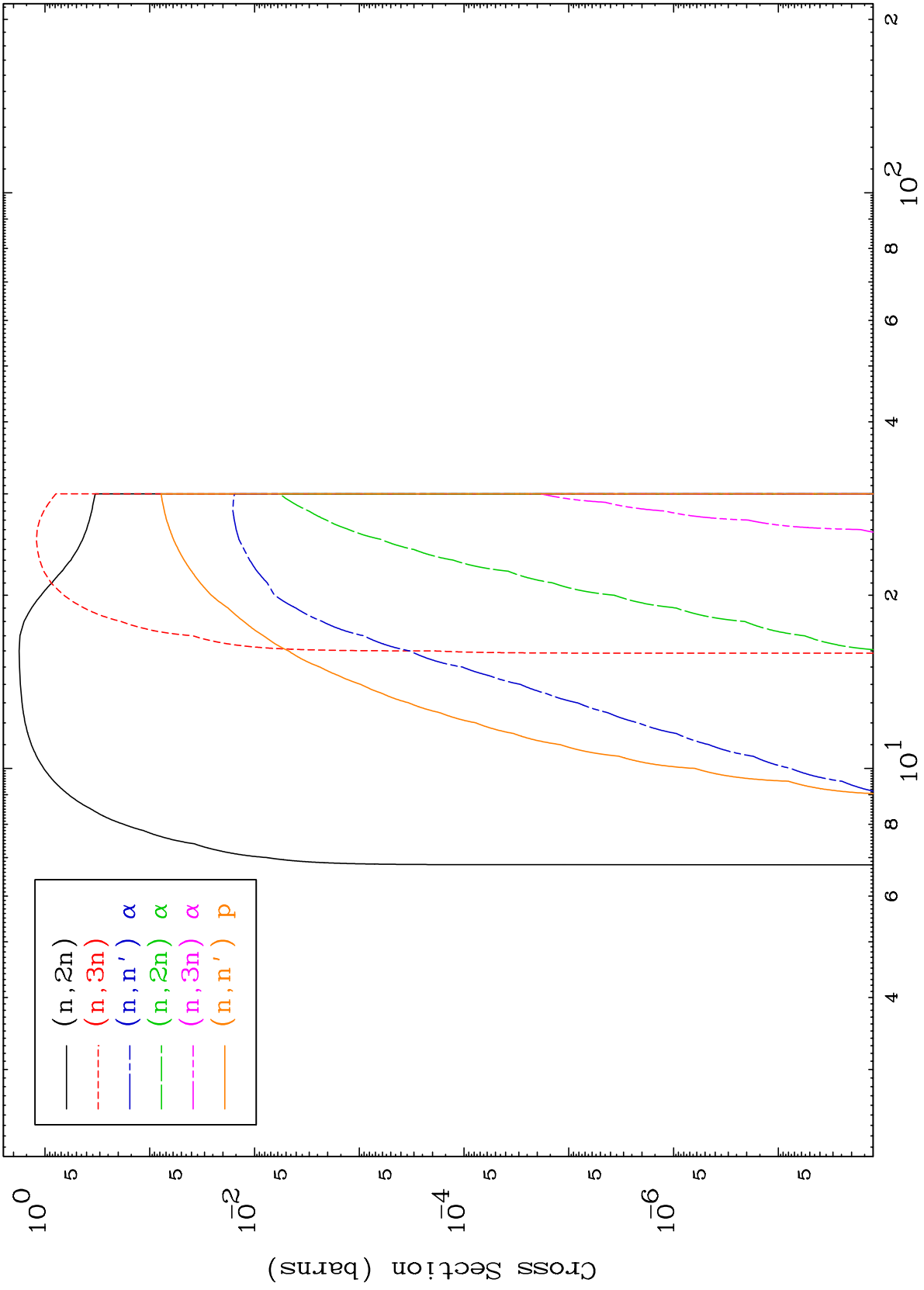
MAT 5529

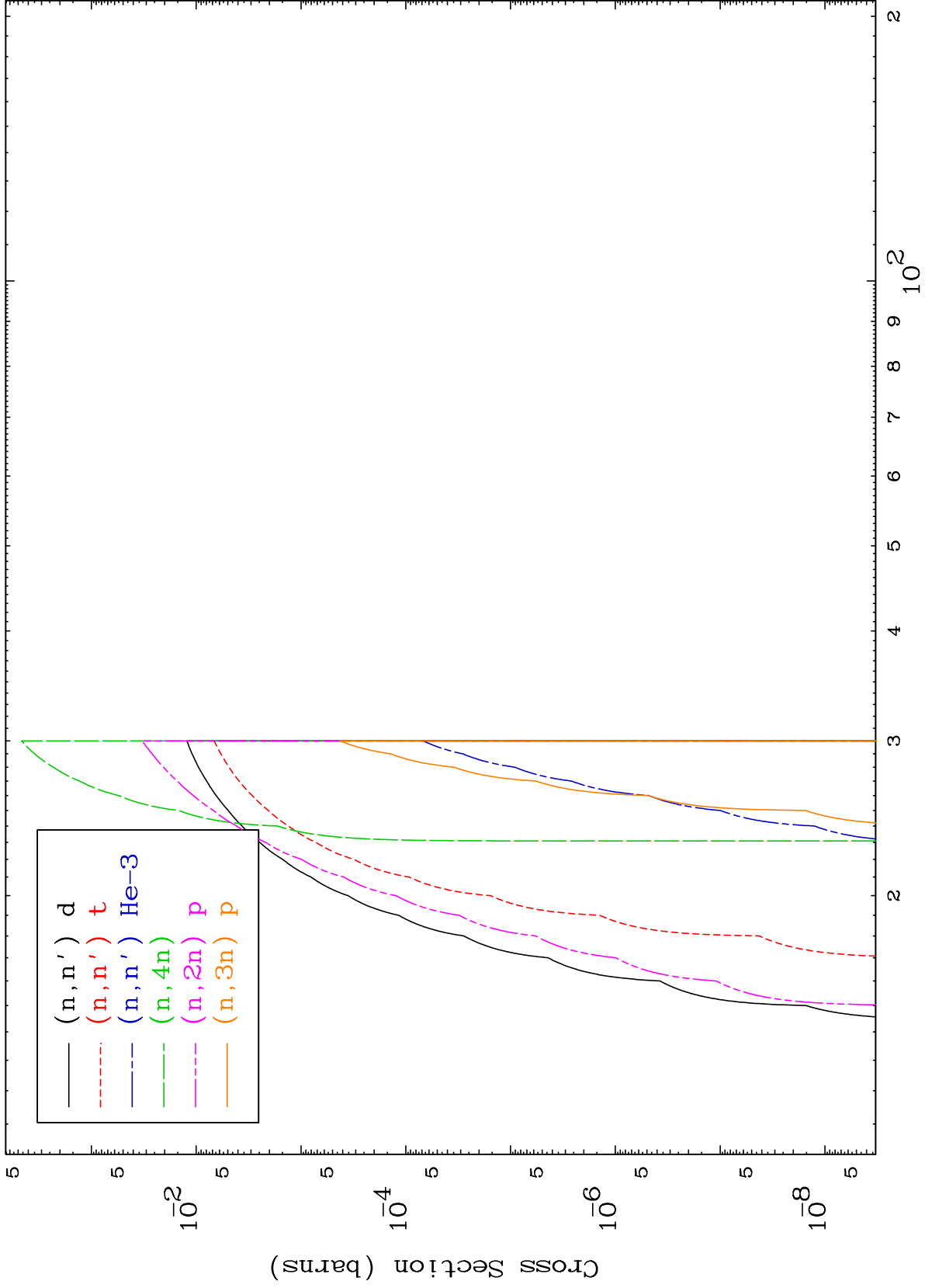
Major
293 Kelvin Cross Sections

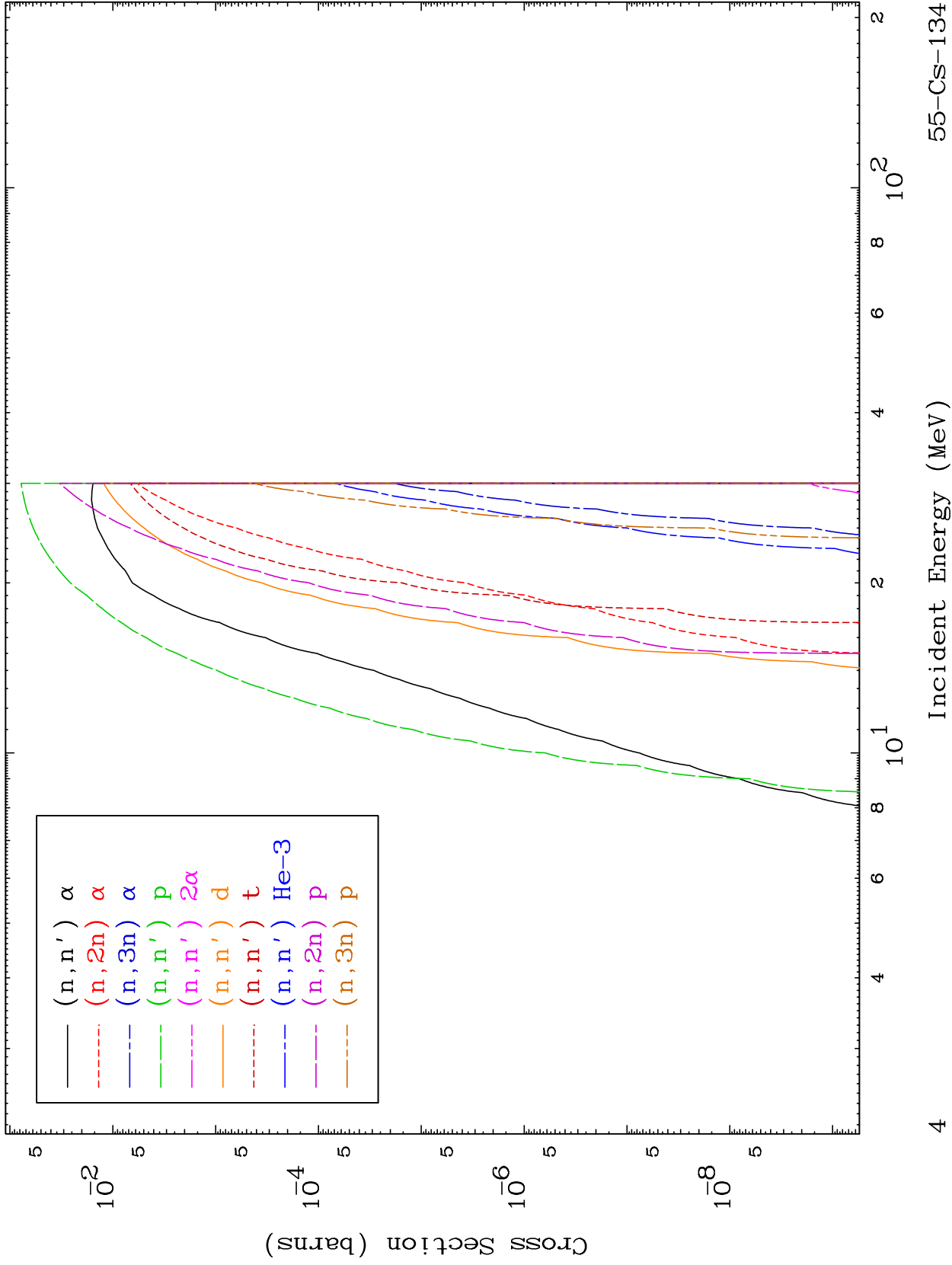
55-Cs-134



Neutron Production
293 Kelvin Cross Sections



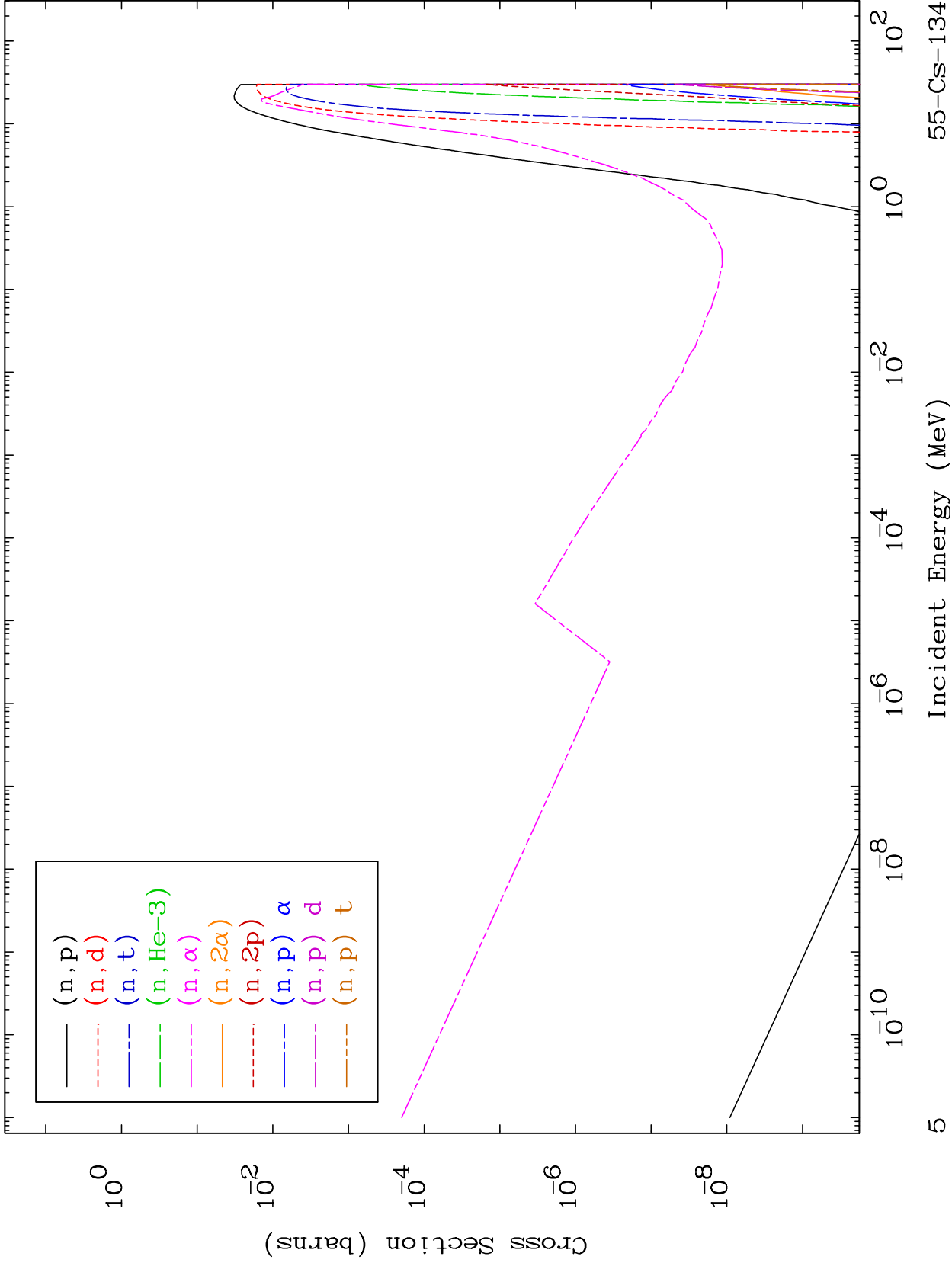


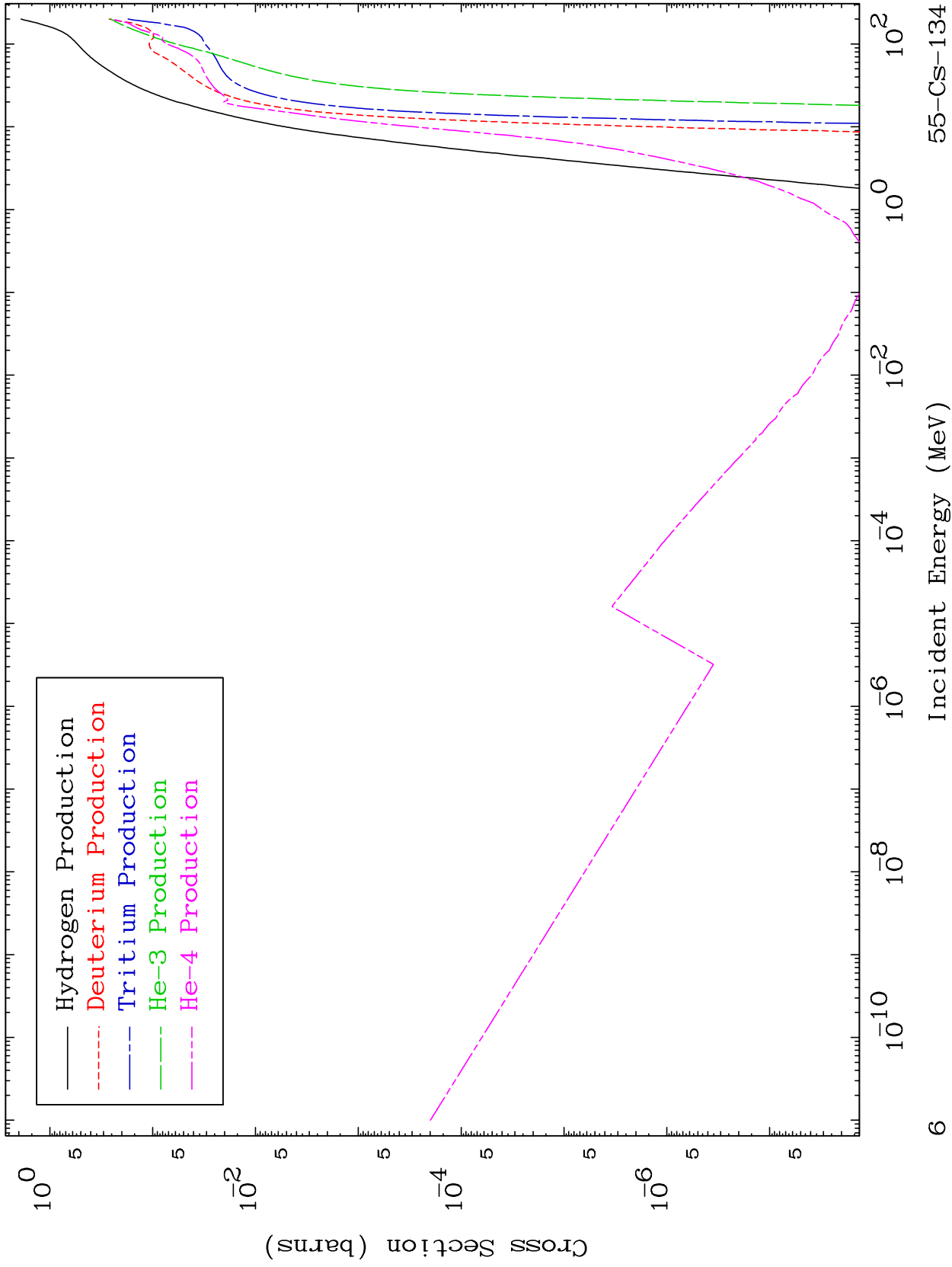


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Charged Particle
293 Kelvin Cross Sections

55-Cs-134

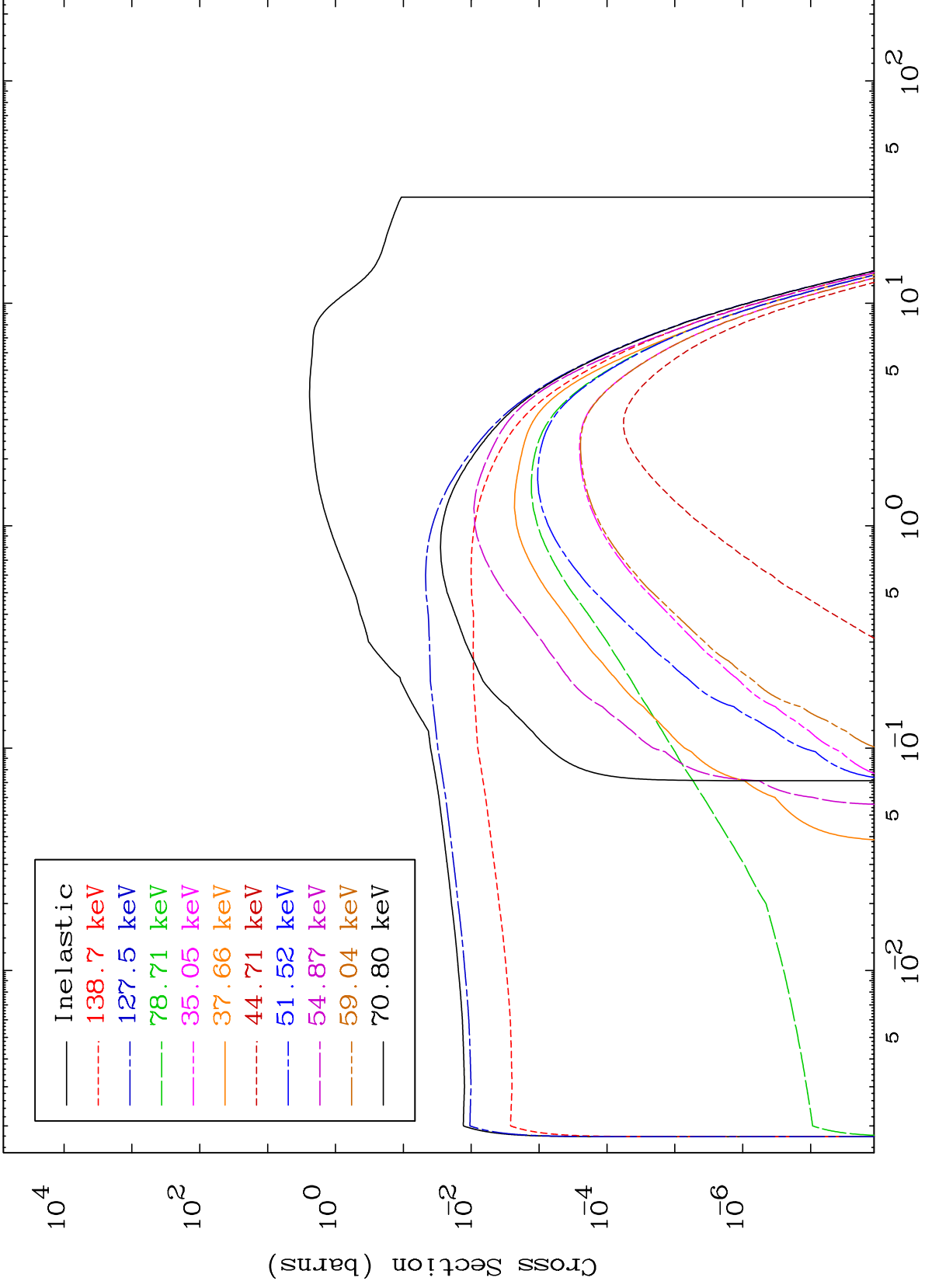




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(n,n') Level
293 Kelvin Cross Sections

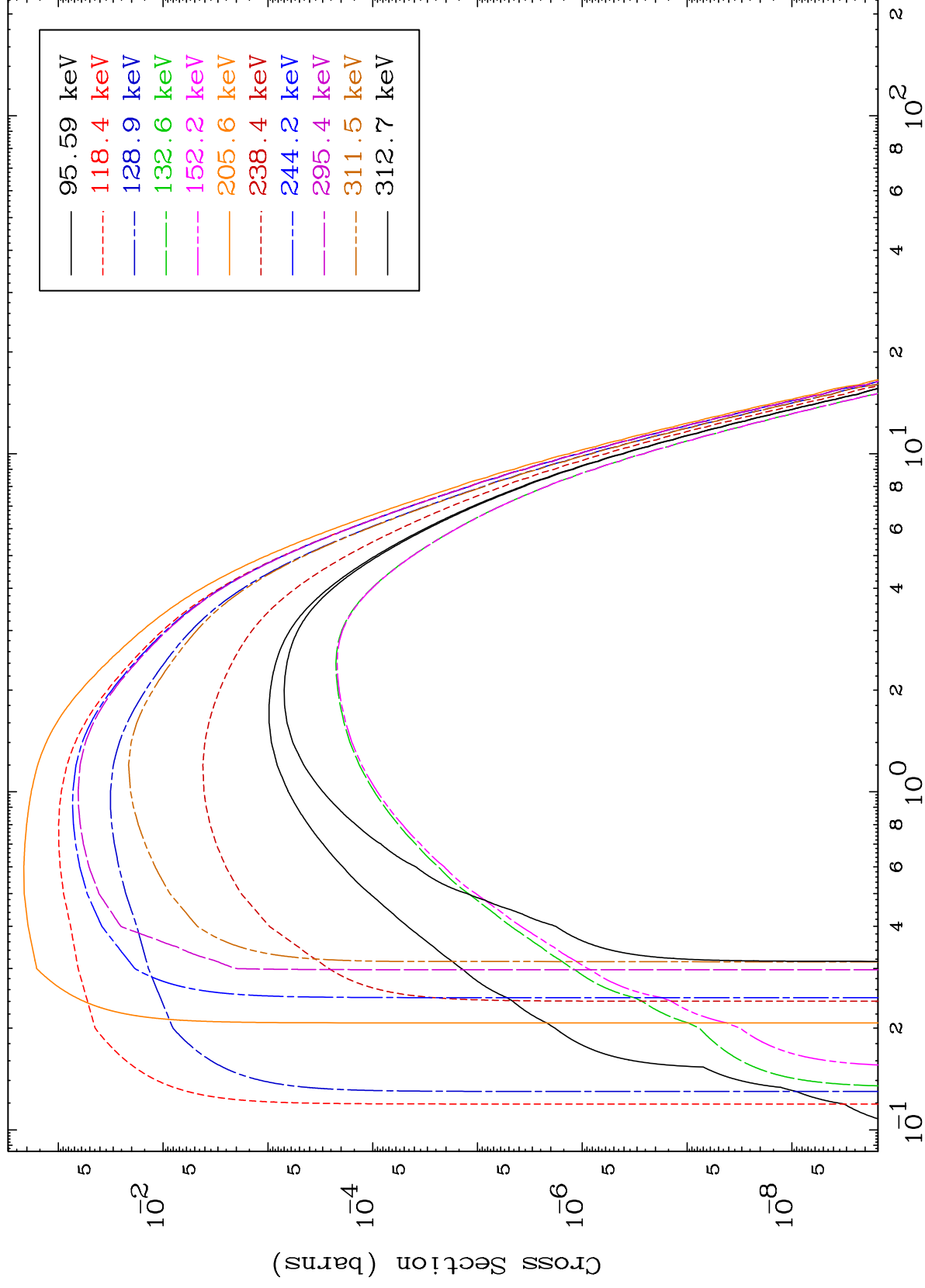
55-Cs-134



MAT 5529

(n,n') Level
293 Kelvin Cross Sections

55-Cs-134



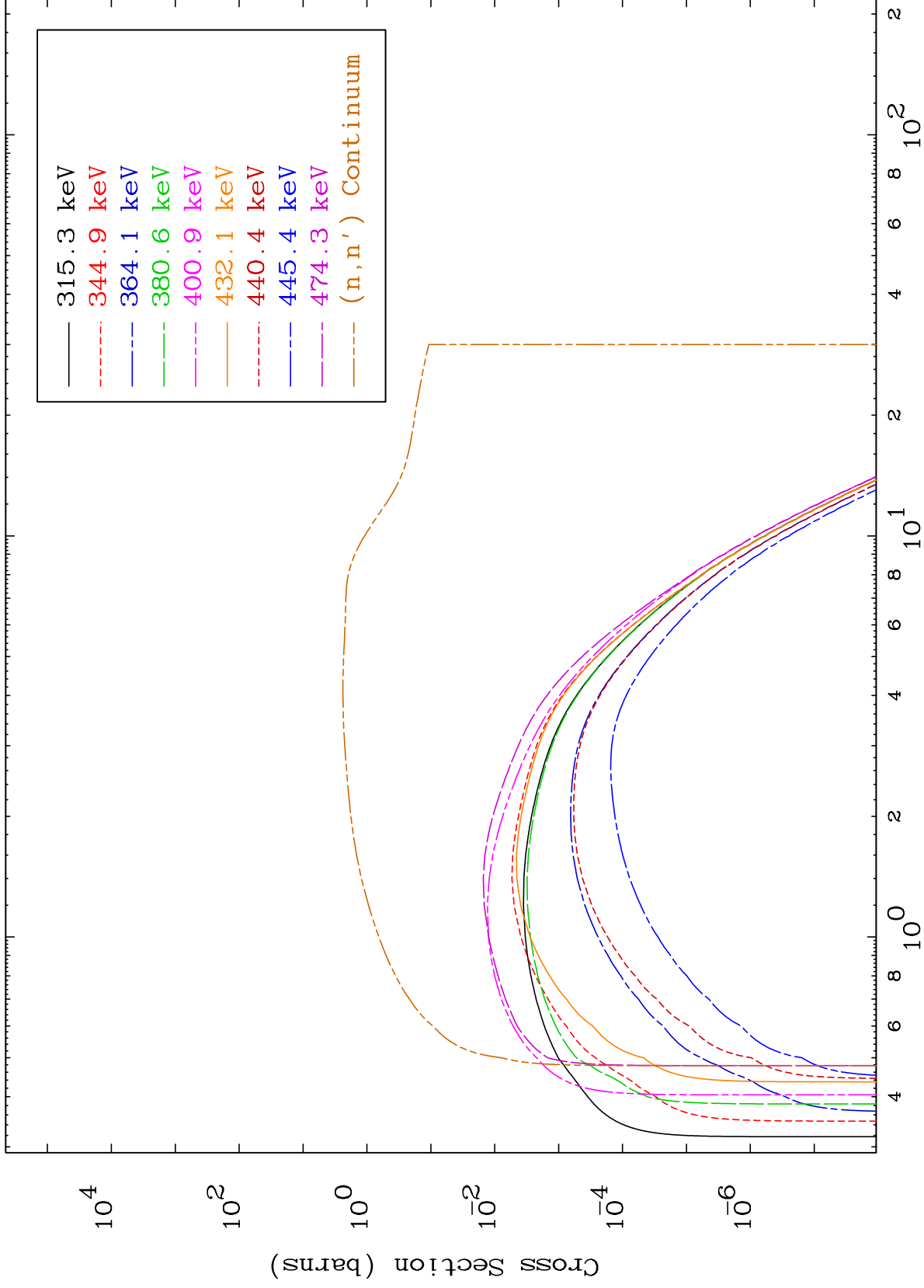
Incident Energy (MeV)

55-Cs-134

MAT 5529

(n,n') Level
293 Kelvin Cross Sections

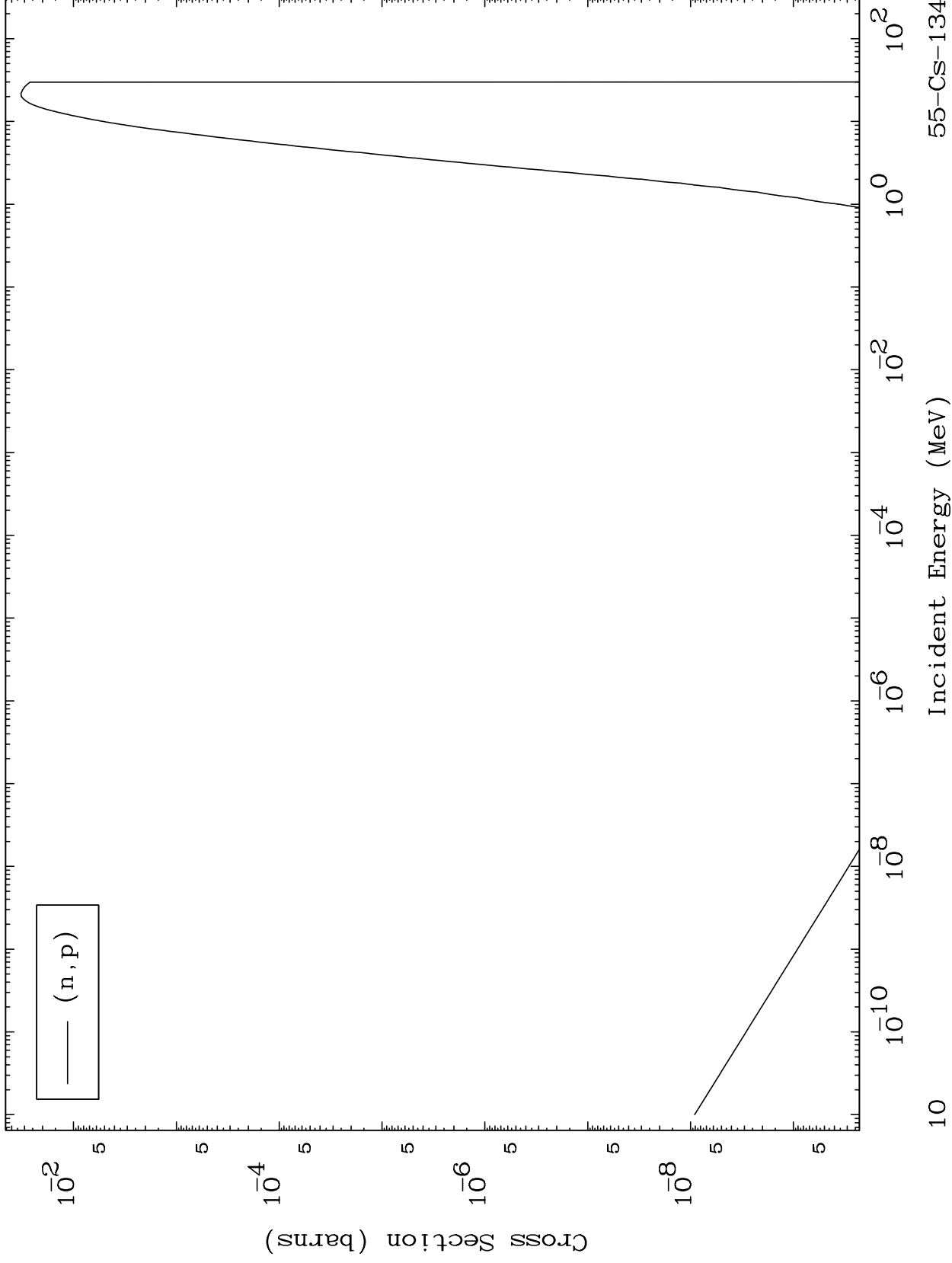
55-Cs-134



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(n,p) Levels
293 Kelvin Cross Sections

55-Cs-134



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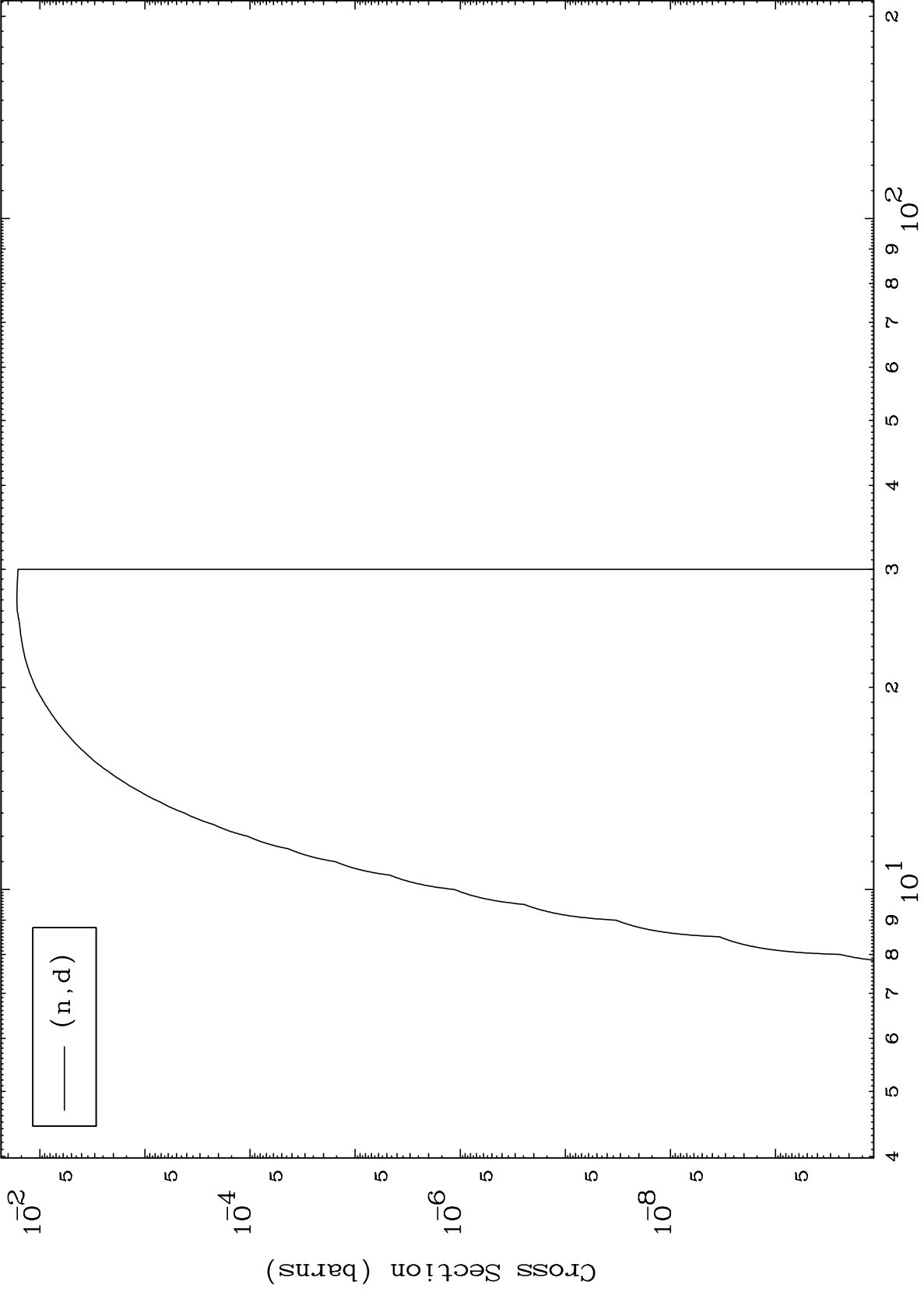
Incident Energy (MeV)

55-Cs-134

MAT 5529

(n,d) Levels
293 Kelvin Cross Sections

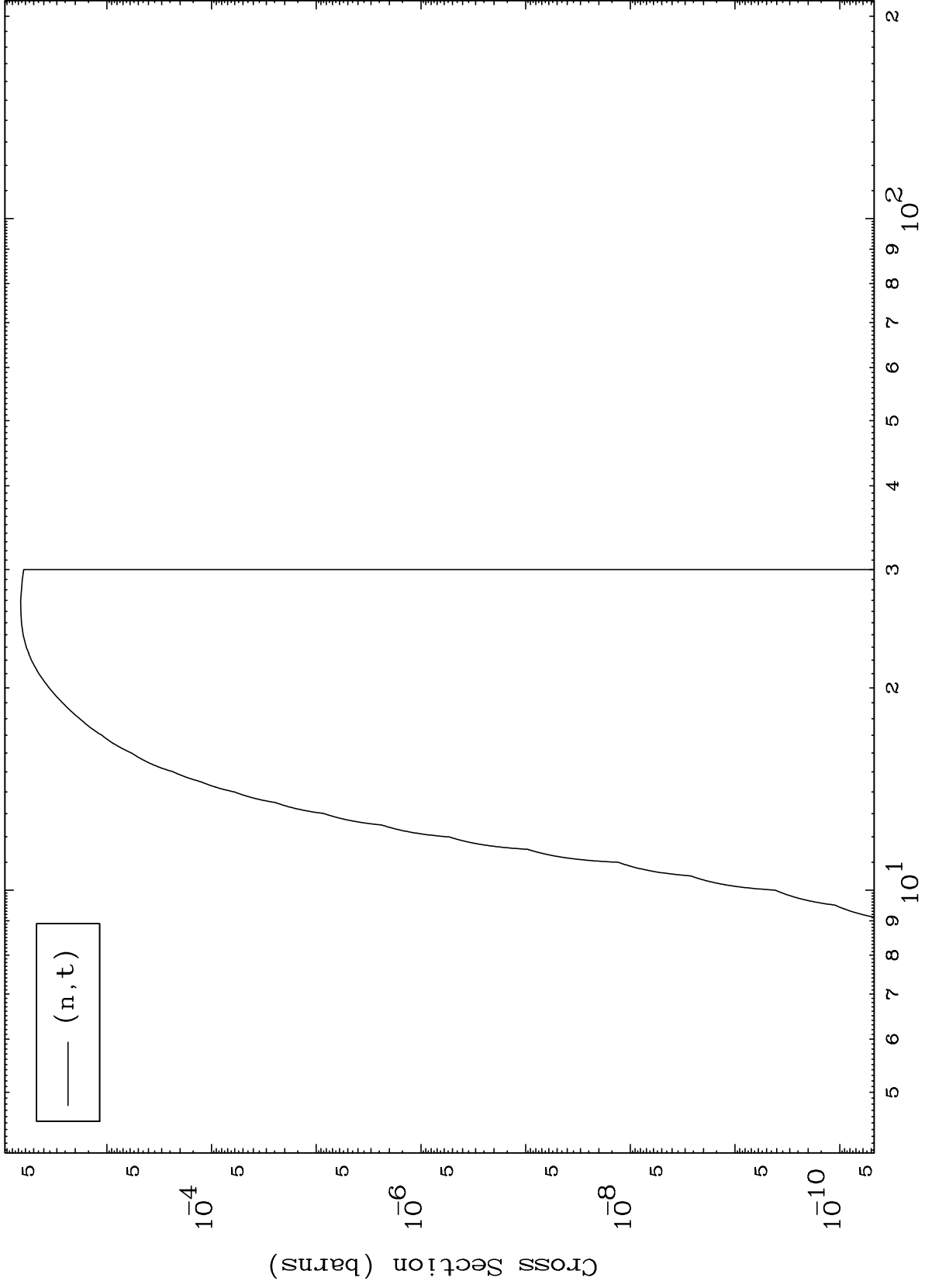
55-Cs-134



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(n,t) Levels
293 Kelvin Cross Sections

55-Cs-134



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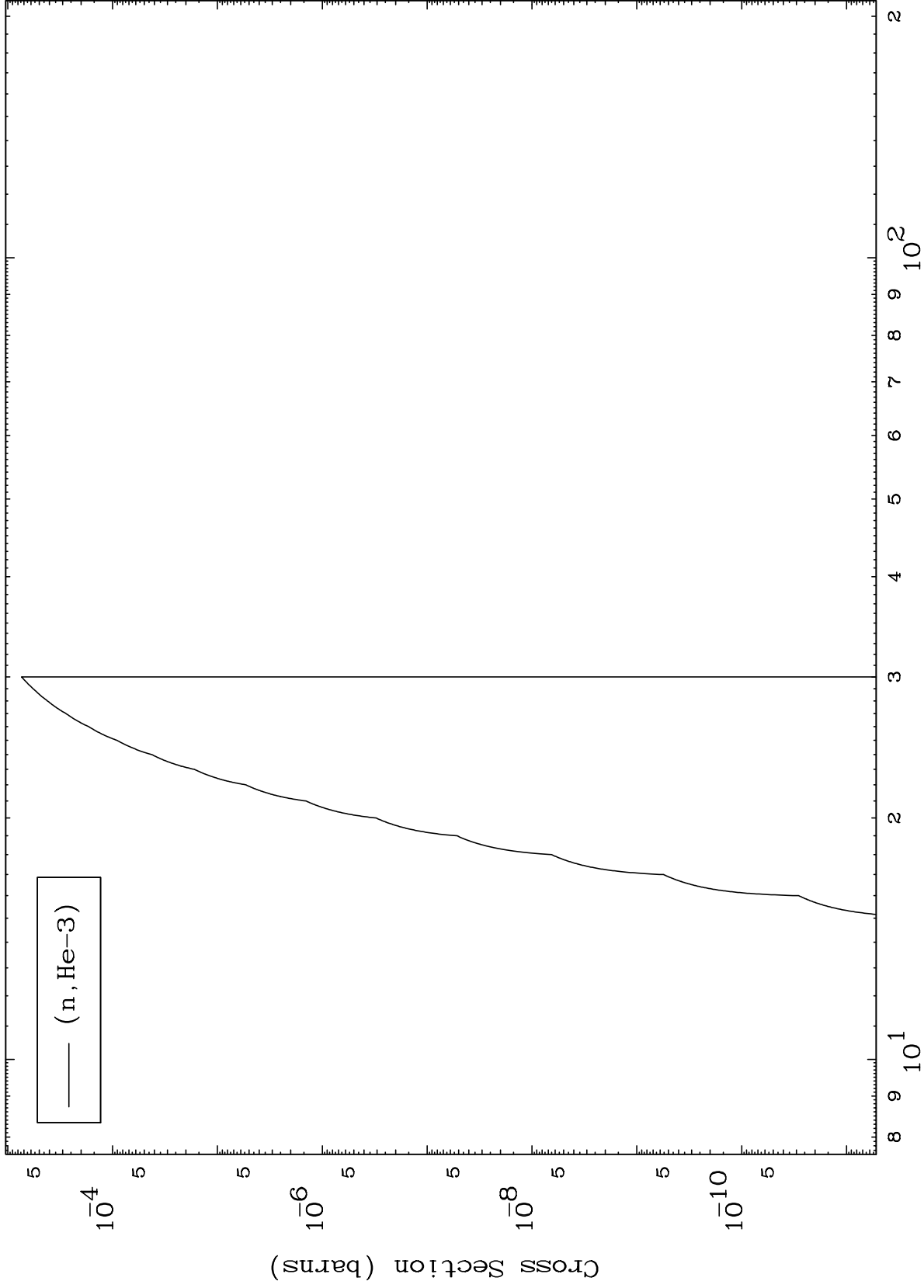
Incident Energy (MeV)

55-Cs-134

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(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-134



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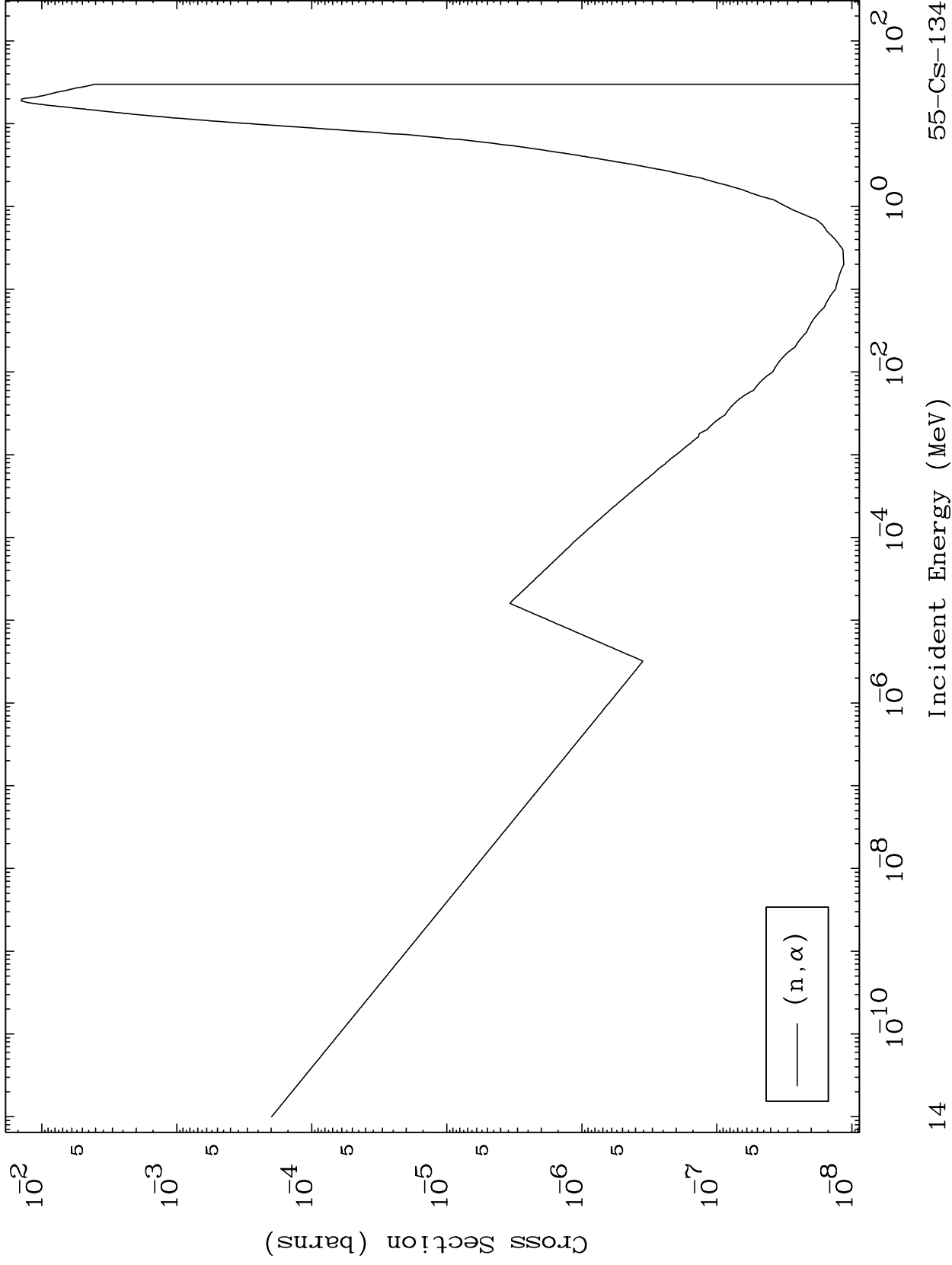
Incident Energy (MeV)

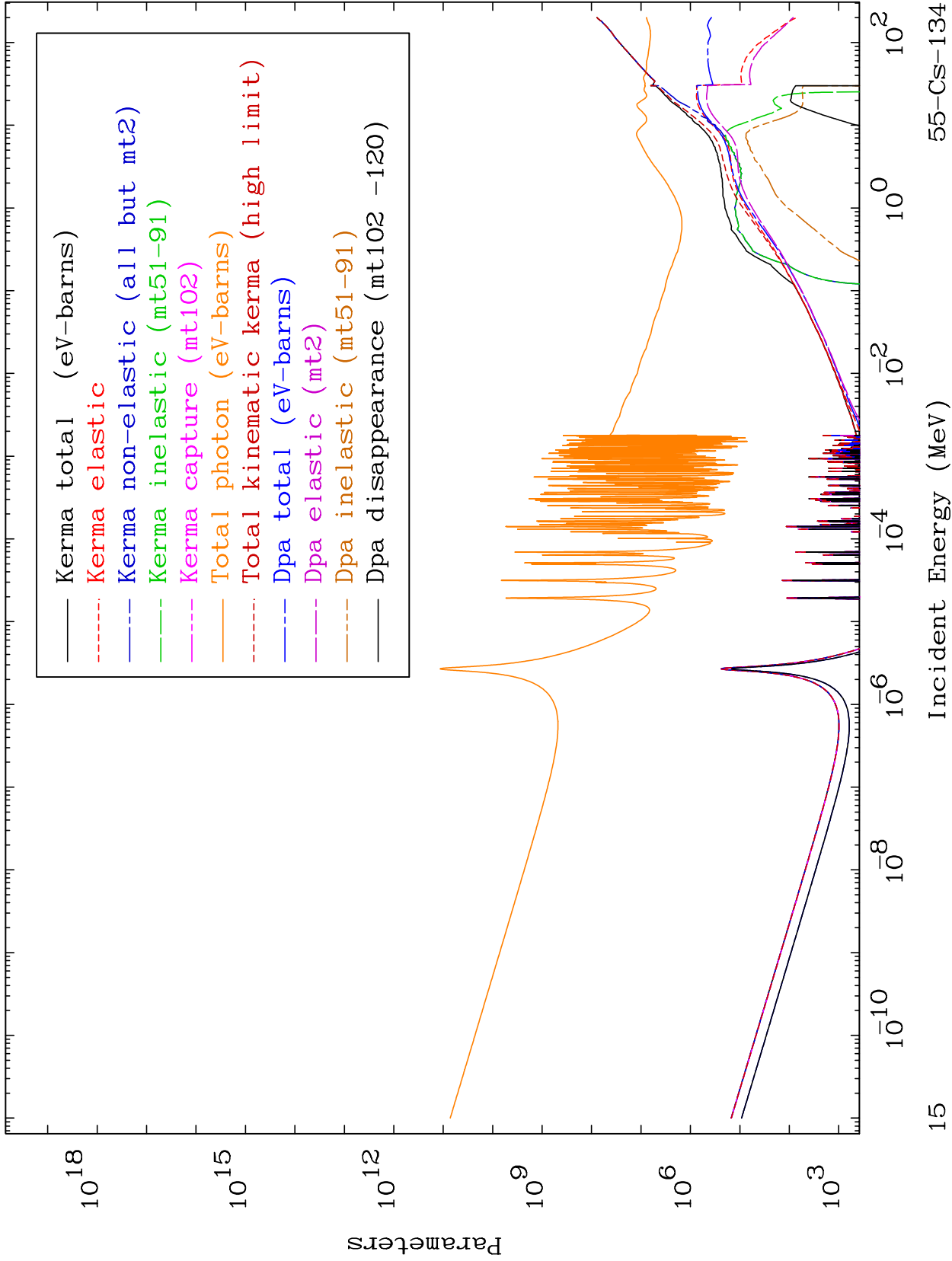
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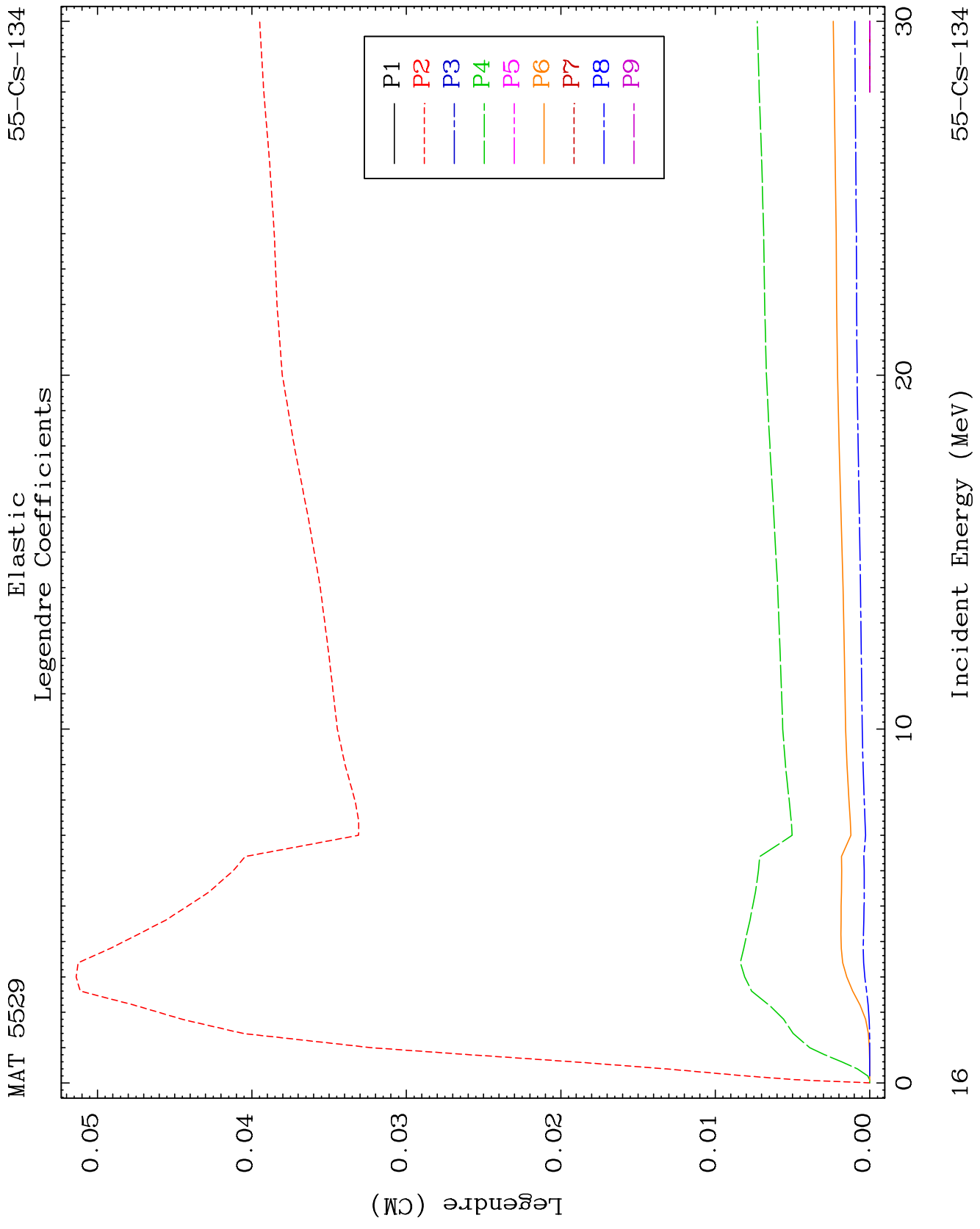
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(n,α) Levels
293 Kelvin Cross Sections

55-Cs-134



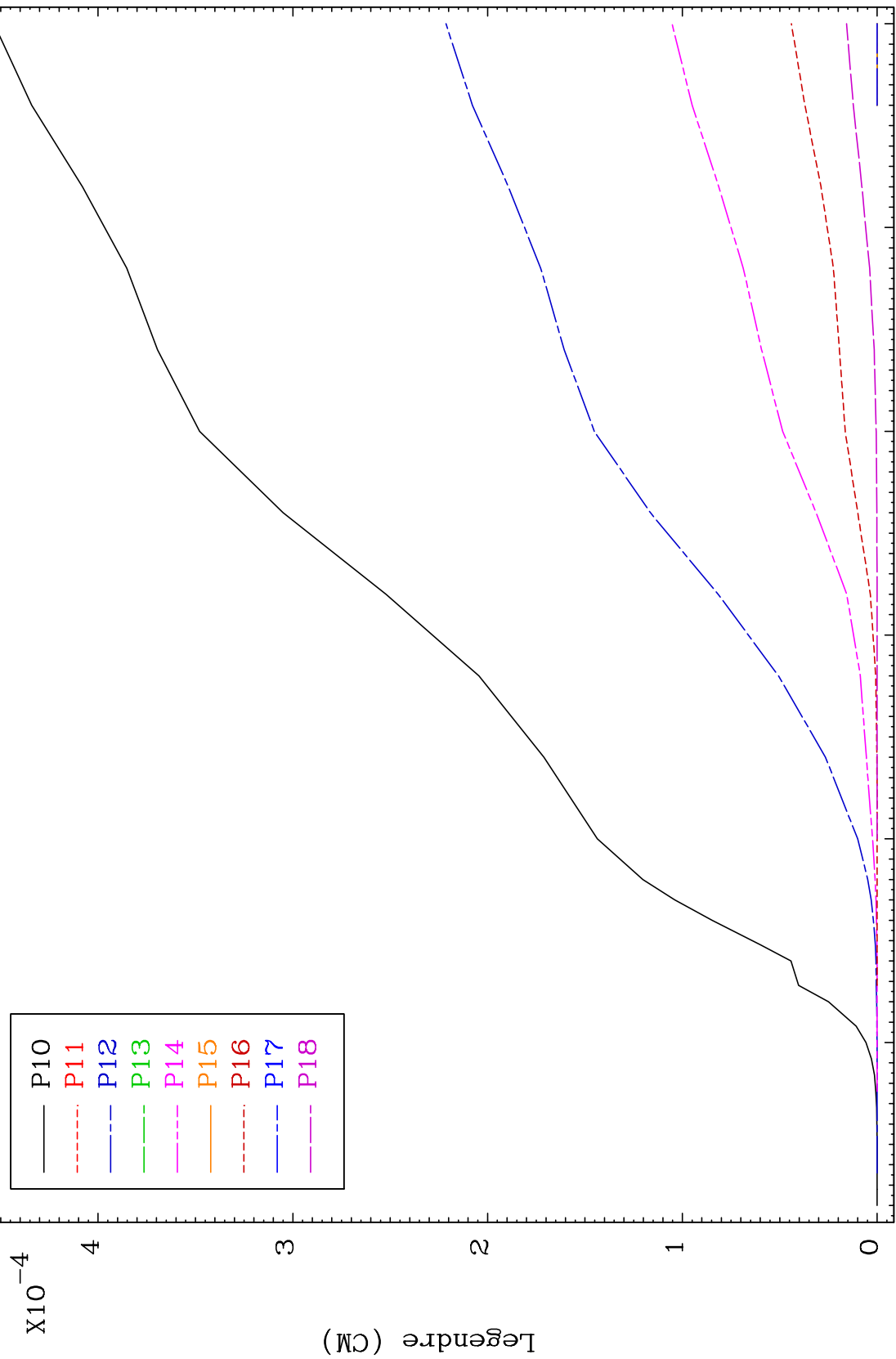
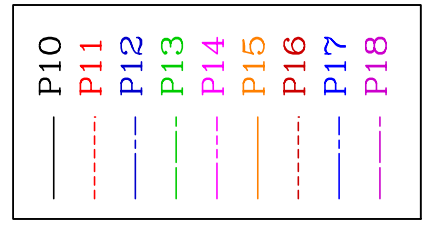




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Elastic Legendre Coefficients

55-Cs-134



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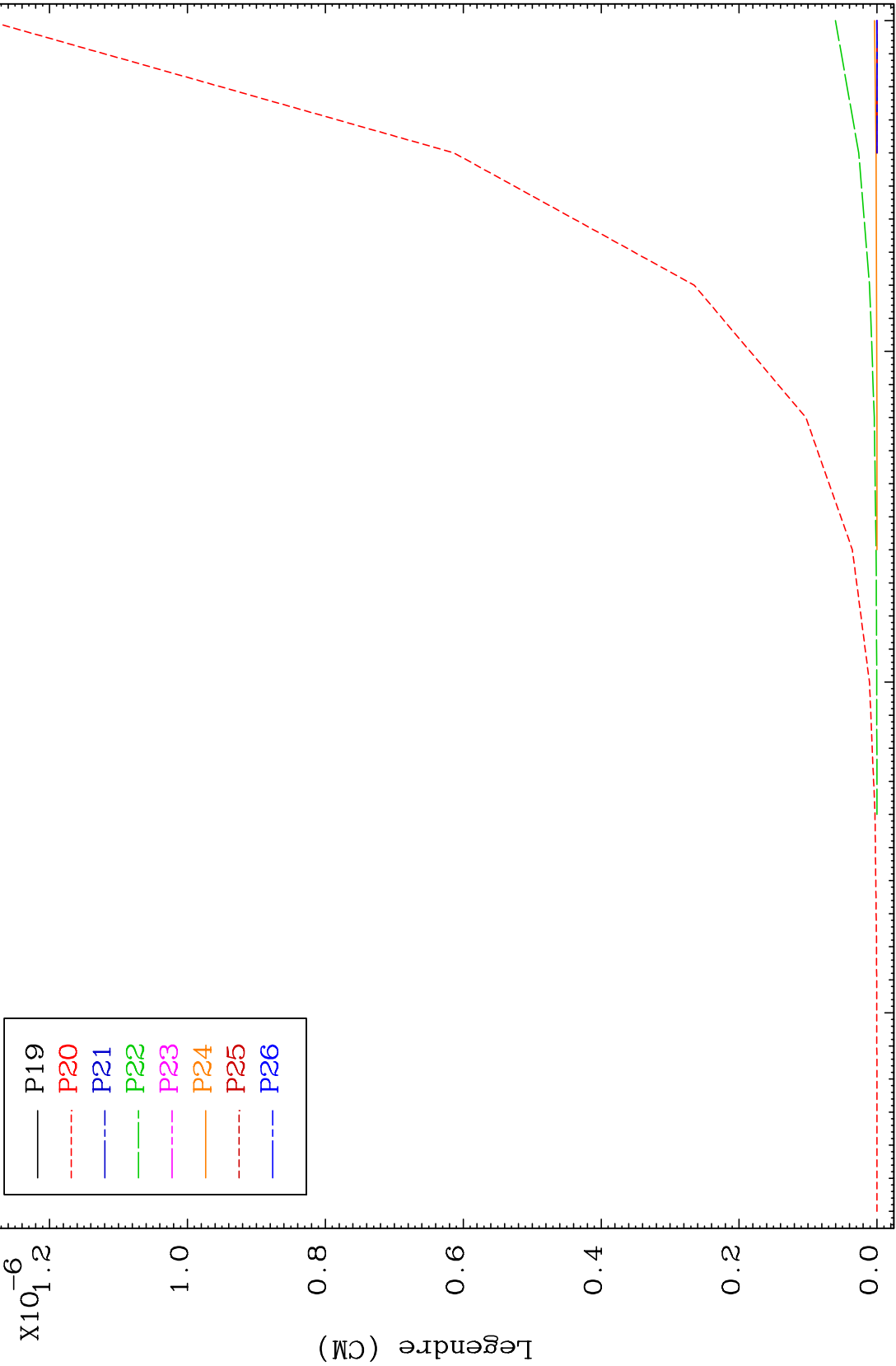
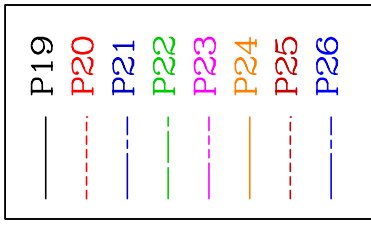
Incident Energy (MeV)

55-Cs-134

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Elastic Legendre Coefficients

55-Cs-134



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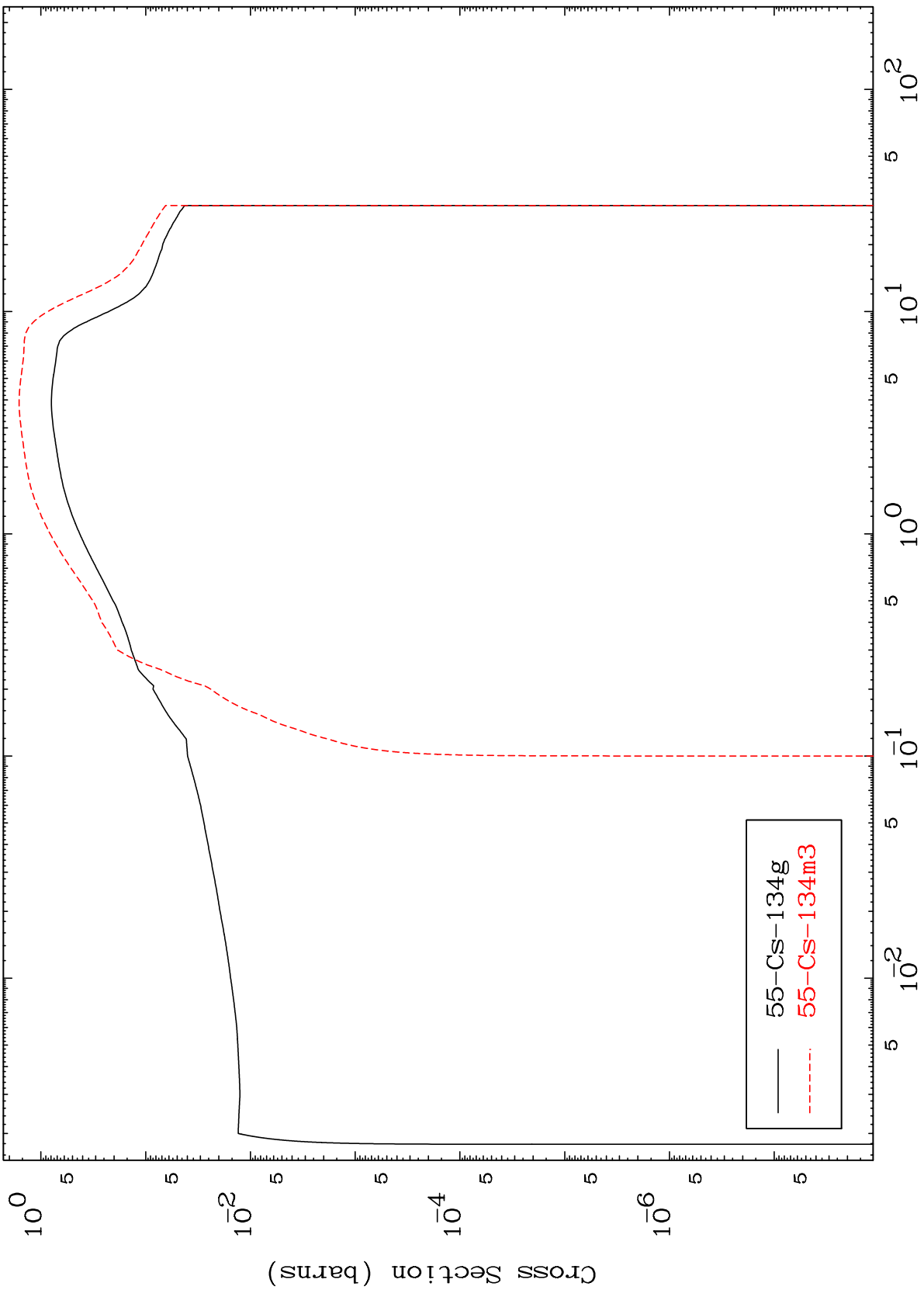
Incident Energy (MeV)

55-Cs-134

MAT 5529

55-Cs-134

Inelastic
Radionuclide Production Cross Section



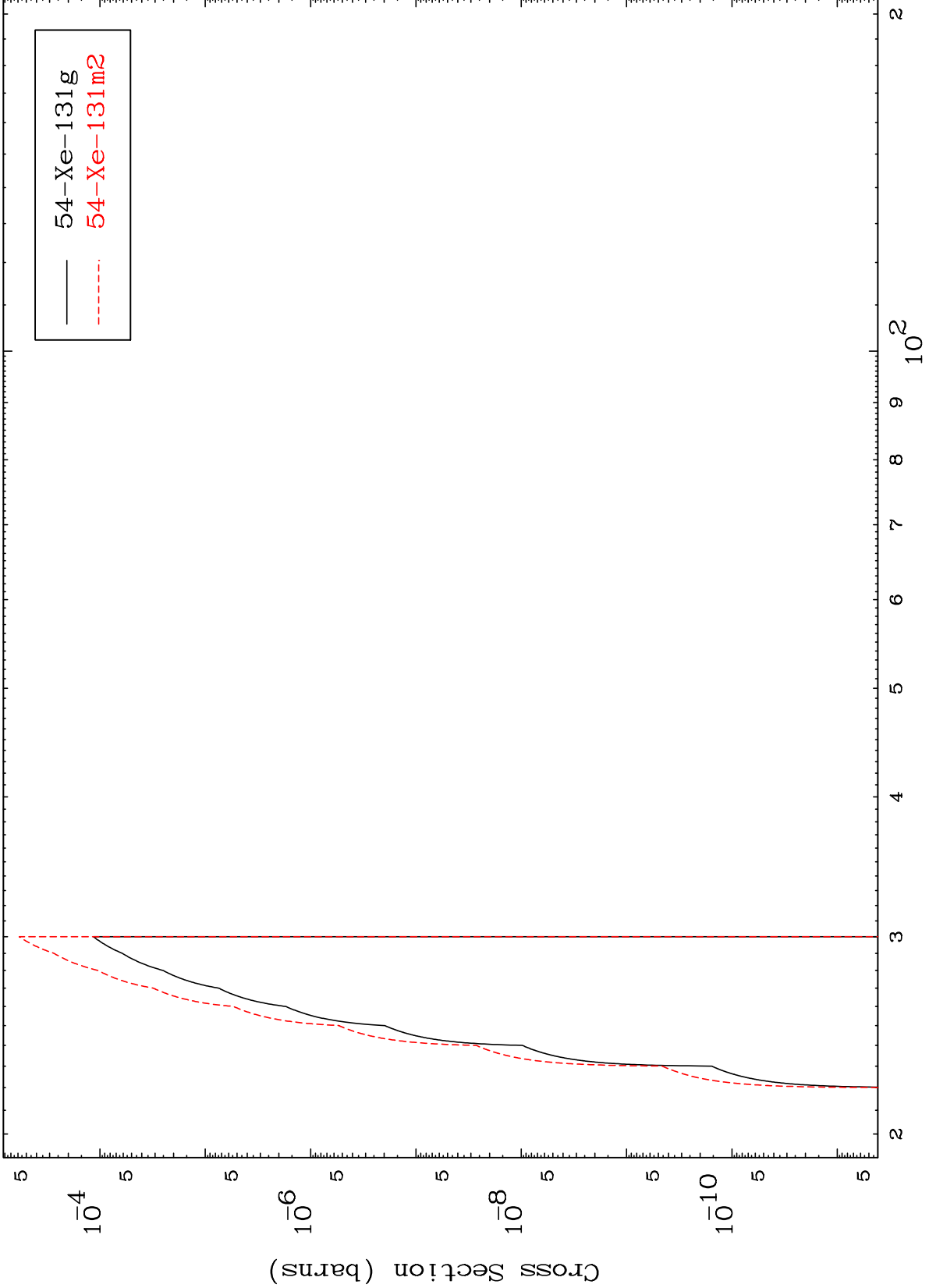
55-Cs-134g
55-Cs-134m3

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(n,2n) d

55-Cs-134

Radionuclide Production Cross Section



20

Incident Energy (MeV)

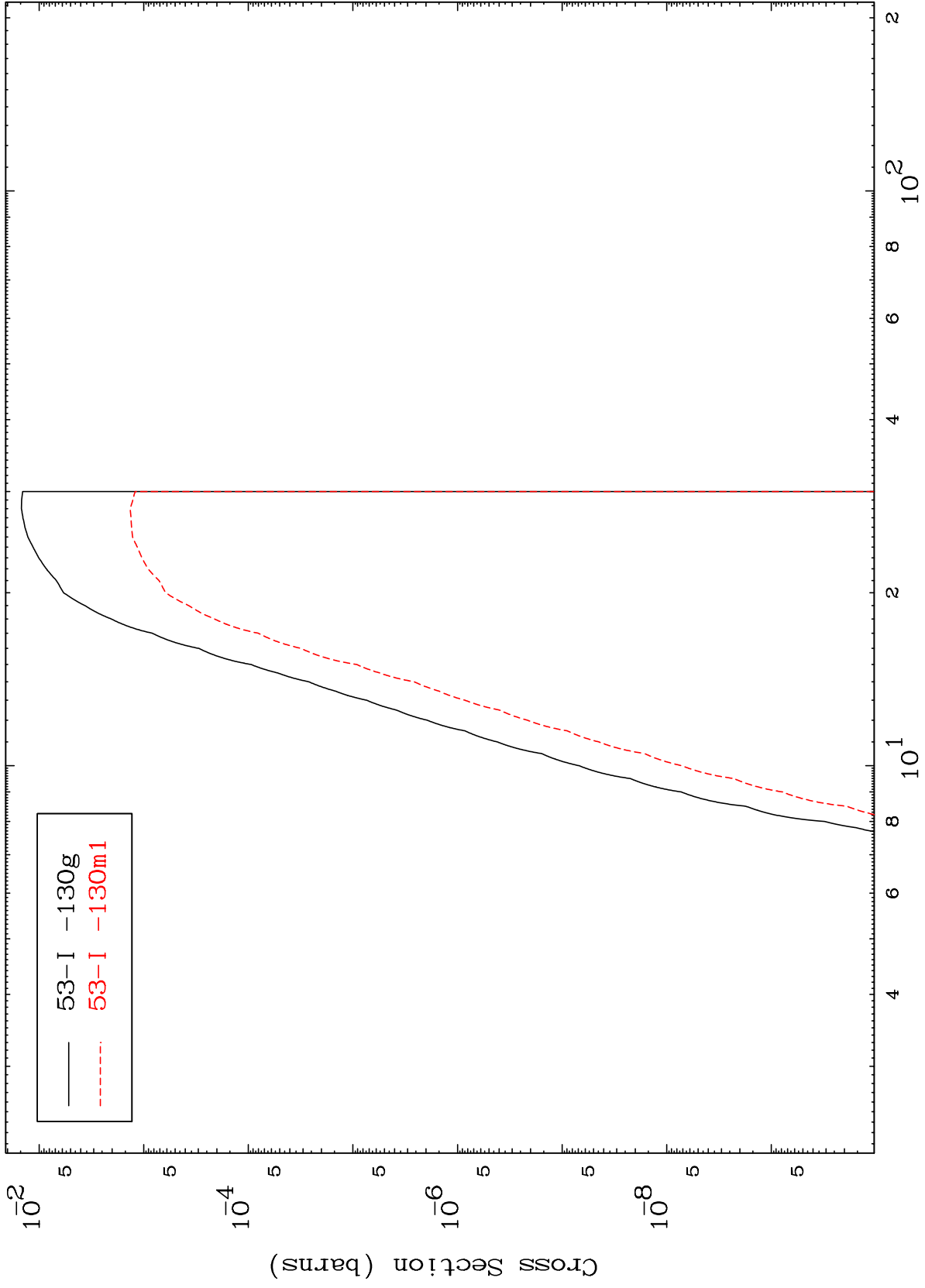
55-Cs-134

MAT 5529

(n,n') α

55-Cs-134

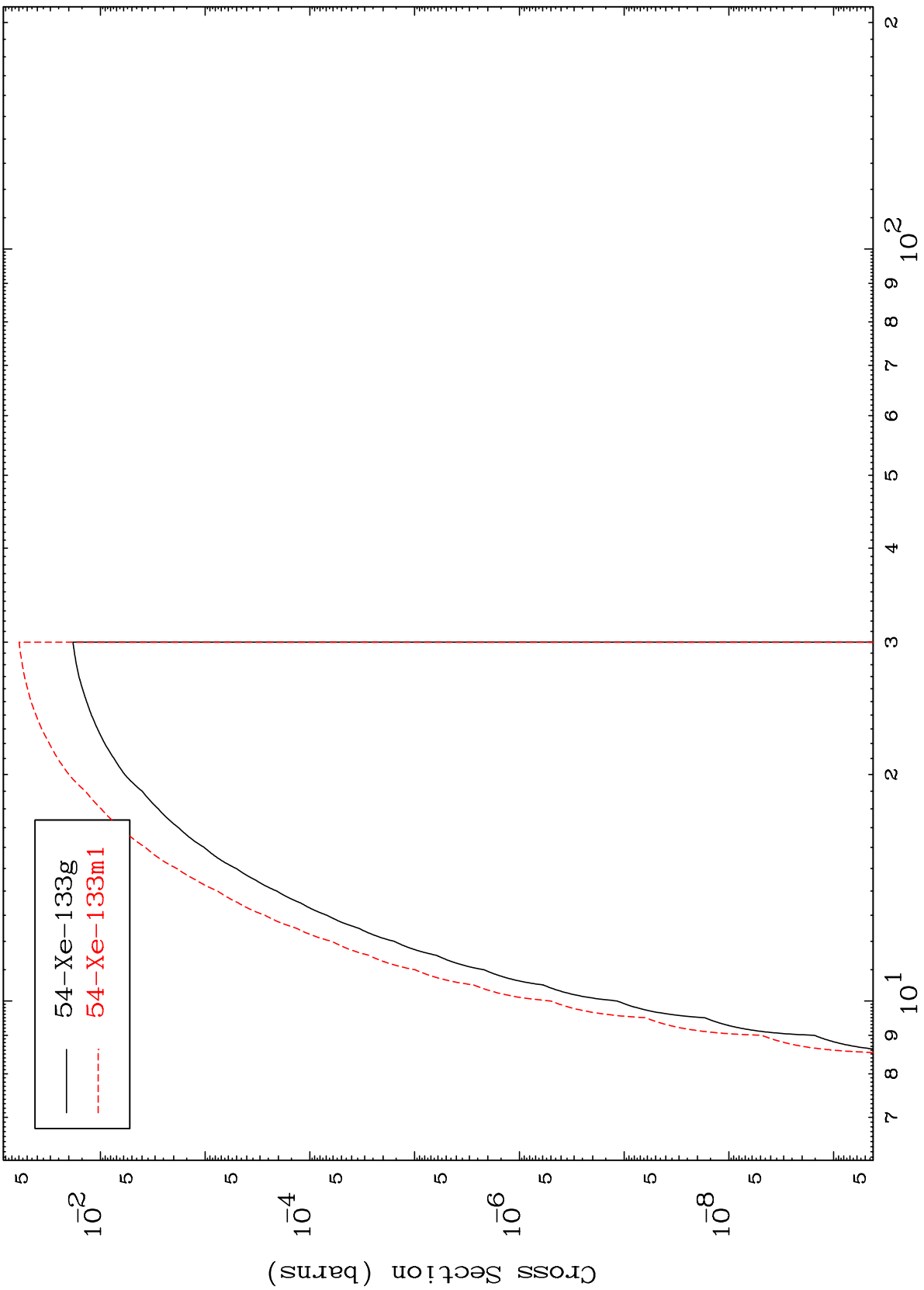
Radionuclide Production Cross Section



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55-Cs-134

(n,n') p
Radionuclide Production Cross Section



55-Cs-134

Incident Energy (MeV)

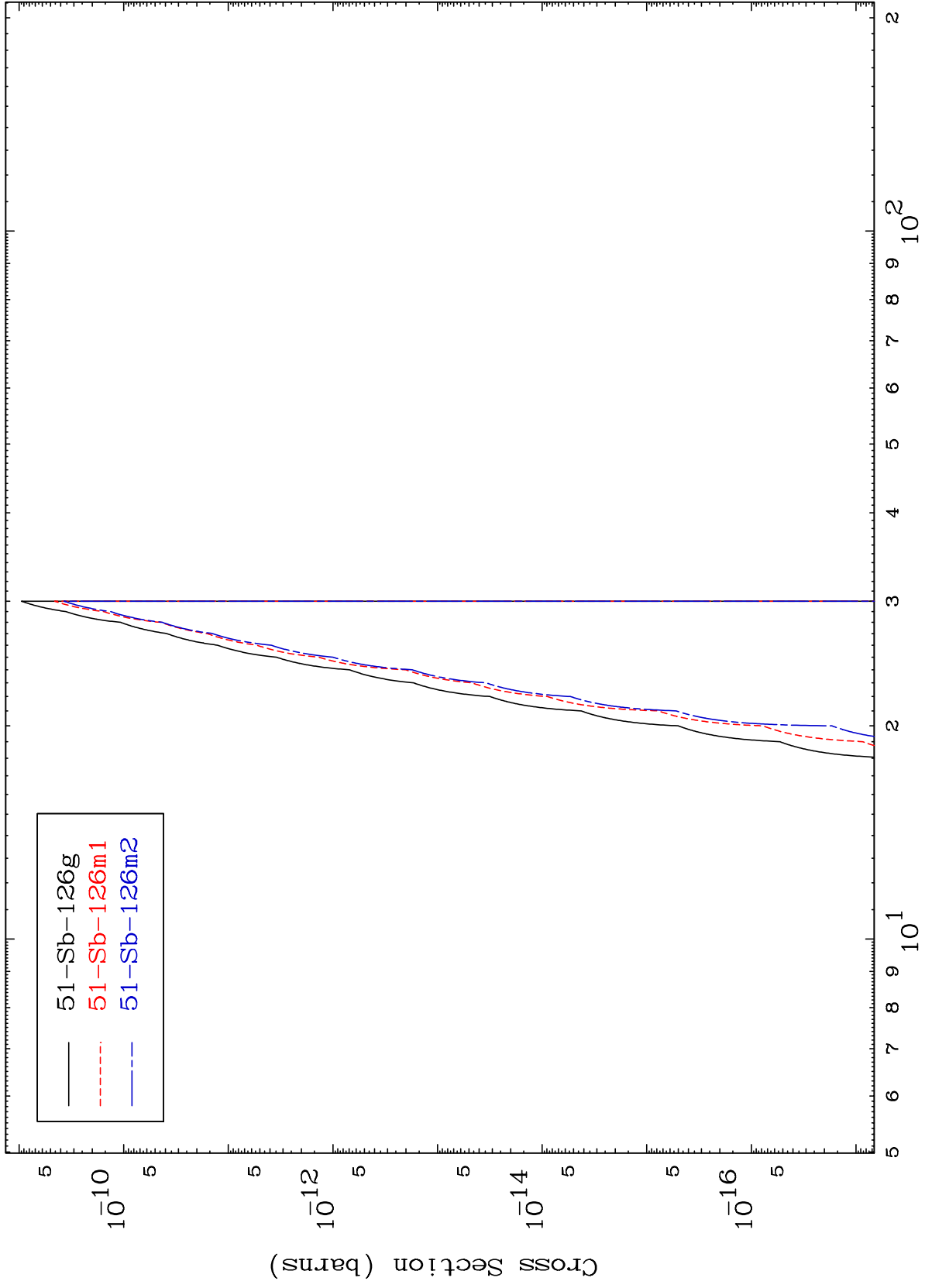
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(n,n') 2α

55-Cs-134

Radionuclide Production Cross Section



51-Sb-126g
51-Sb-126m1
51-Sb-126m2

23

Incident Energy (MeV)

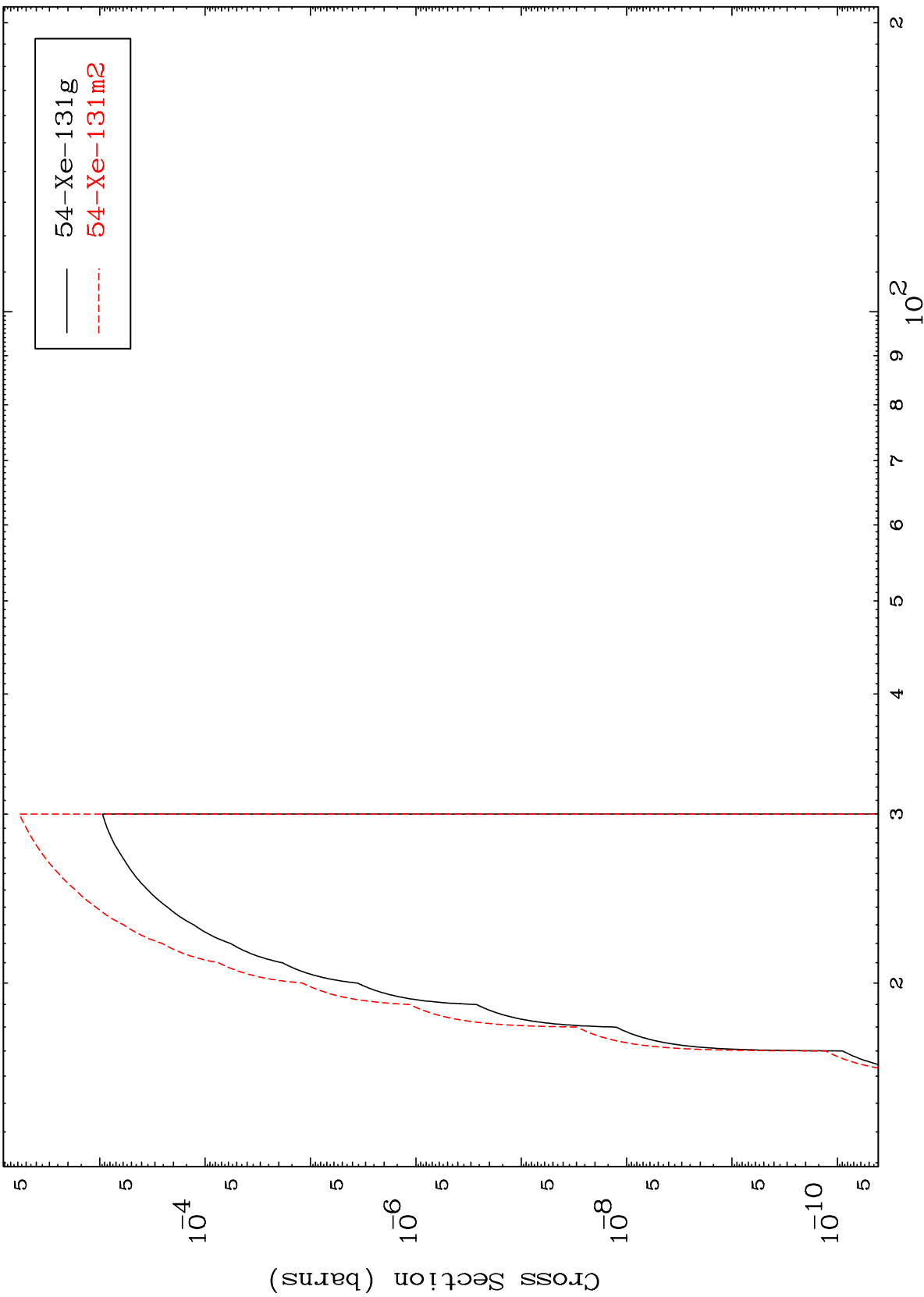
55-Cs-134

MAT 5529

(n,n') t

55-Cs-134

Radionuclide Production Cross Section



24

Incident Energy (MeV)

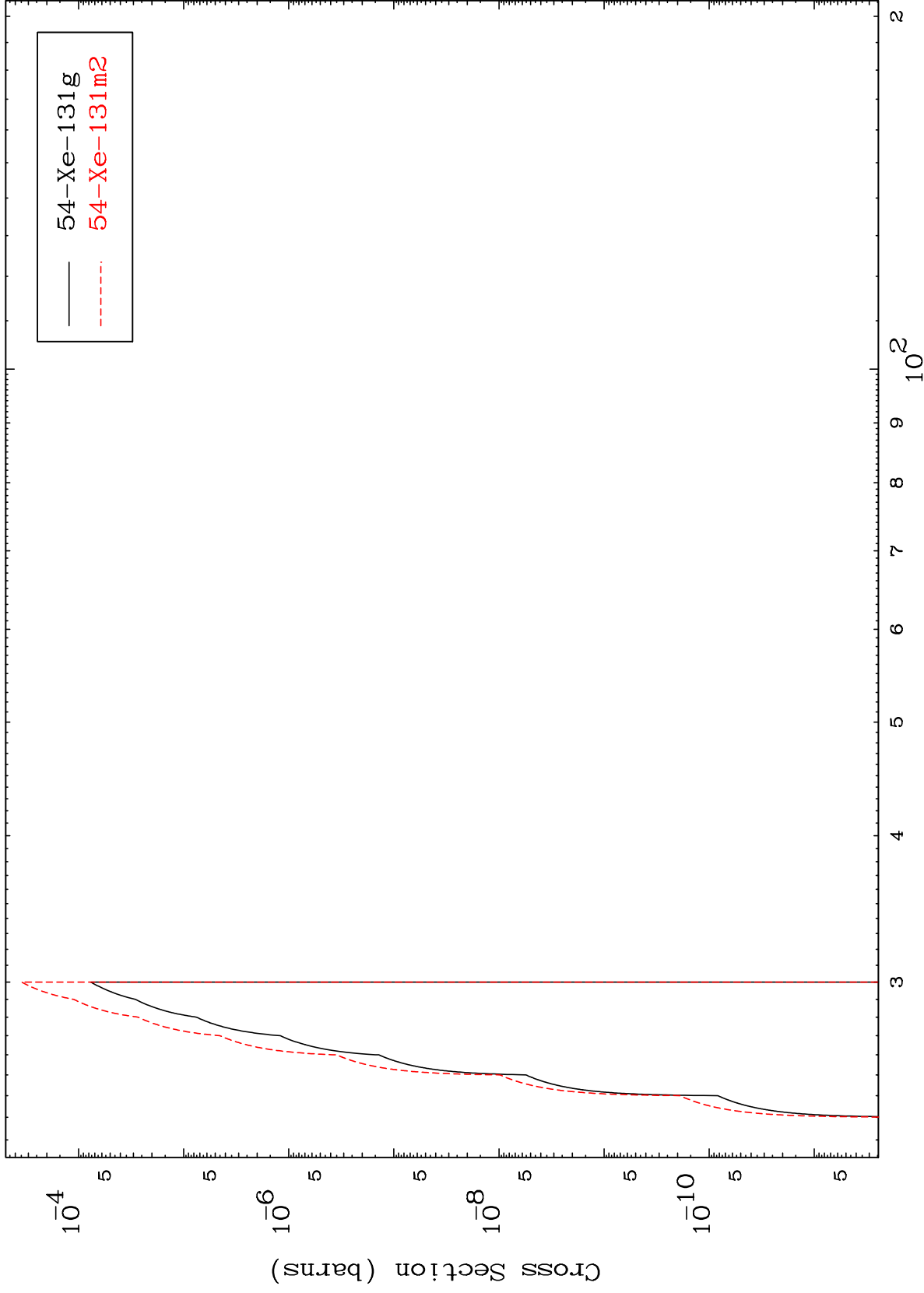
55-Cs-134

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(n,3n) p

55-Cs-134

Radionuclide Production Cross Section



25

Incident Energy (MeV)

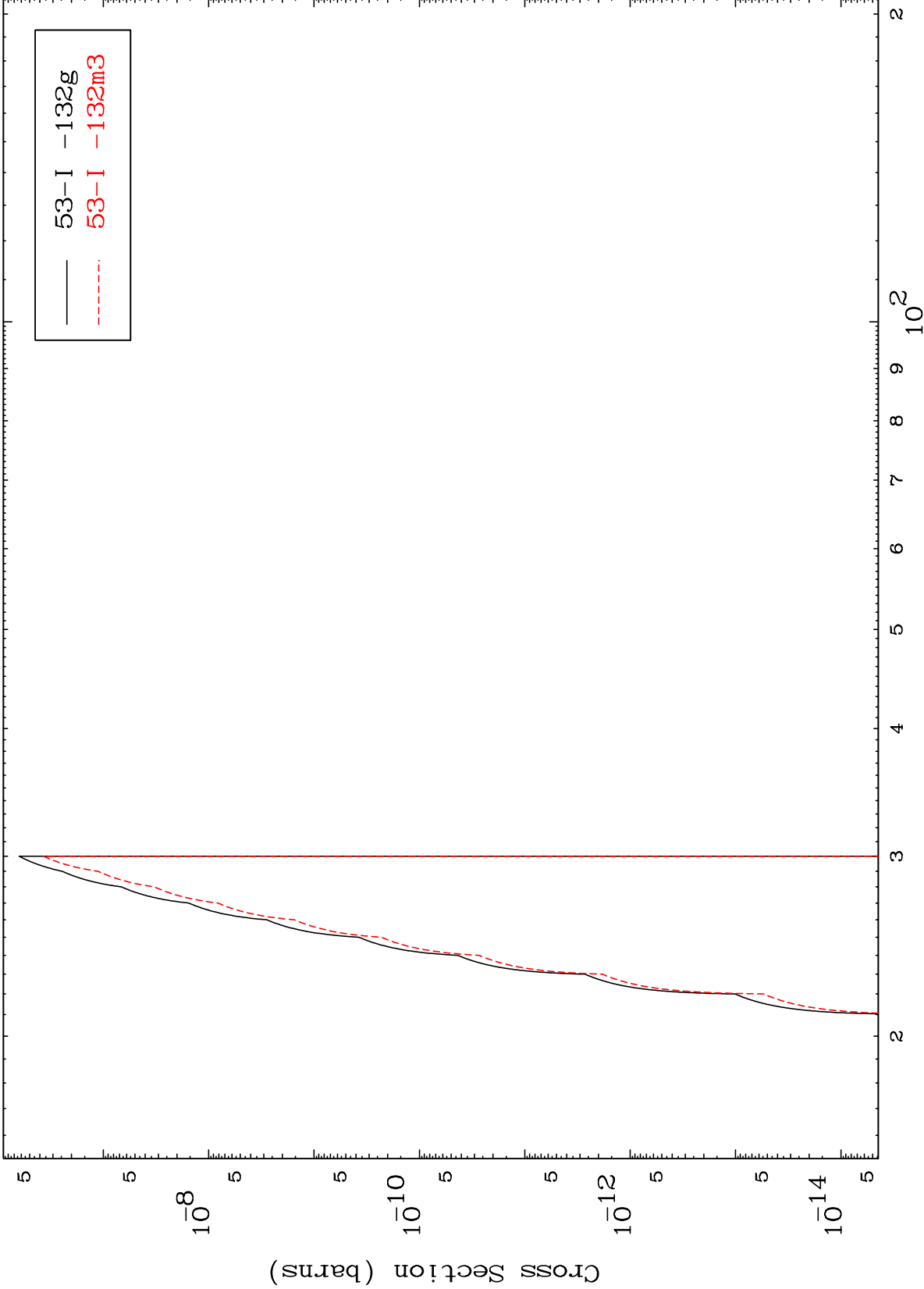
55-Cs-134

MAT 5529

(n,2n) p

55-Cs-134

Radionuclide Production Cross Section



53-I - 132g
53-I - 132m3

26

Incident Energy (MeV)

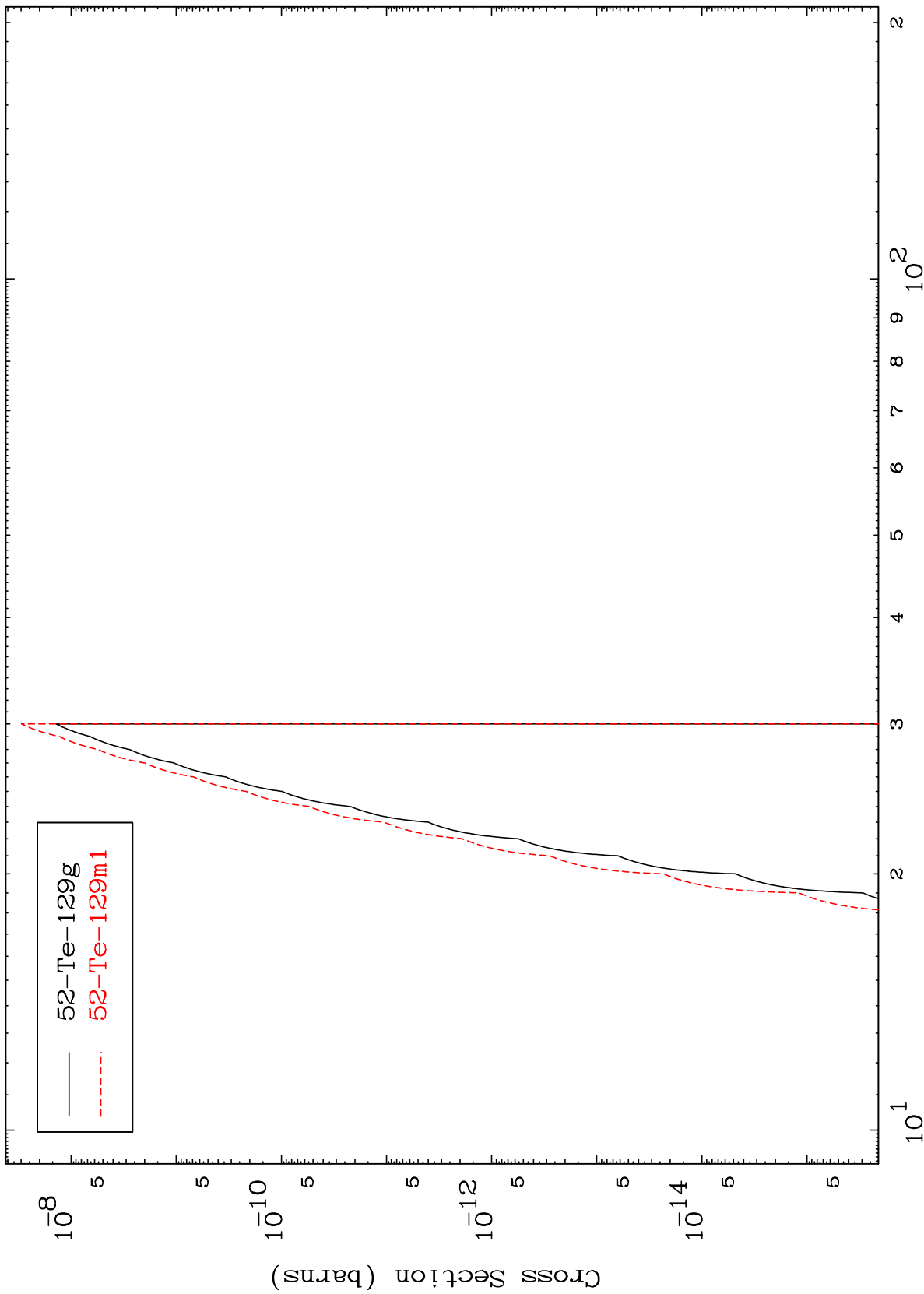
55-Cs-134

MAT 5529

(n,n') p α

55-Cs-134

Radionuclide Production Cross Section



27

Incident Energy (MeV)

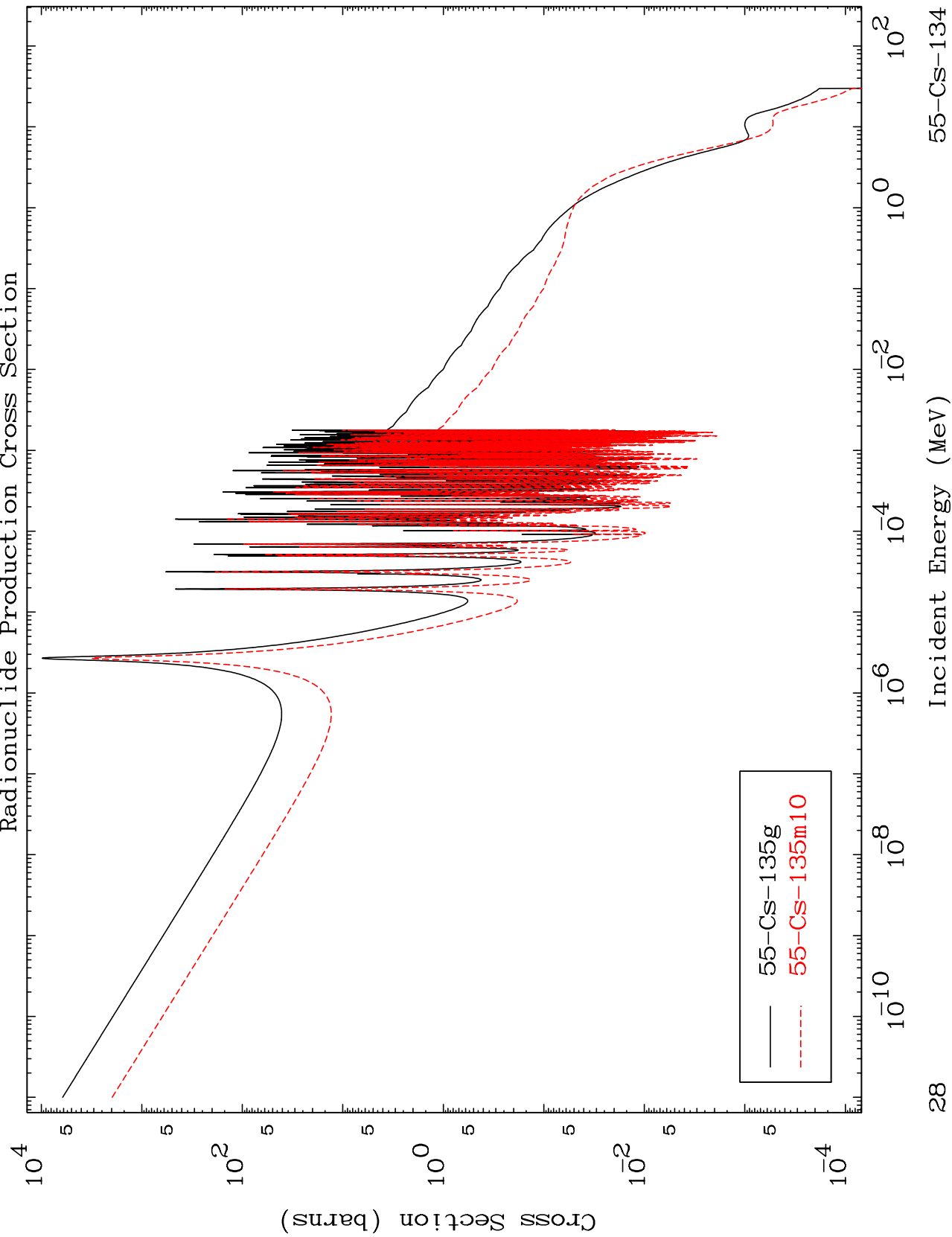
55-Cs-134

MAT 5529

55-Cs-134

Radionuclide Production Cross Section

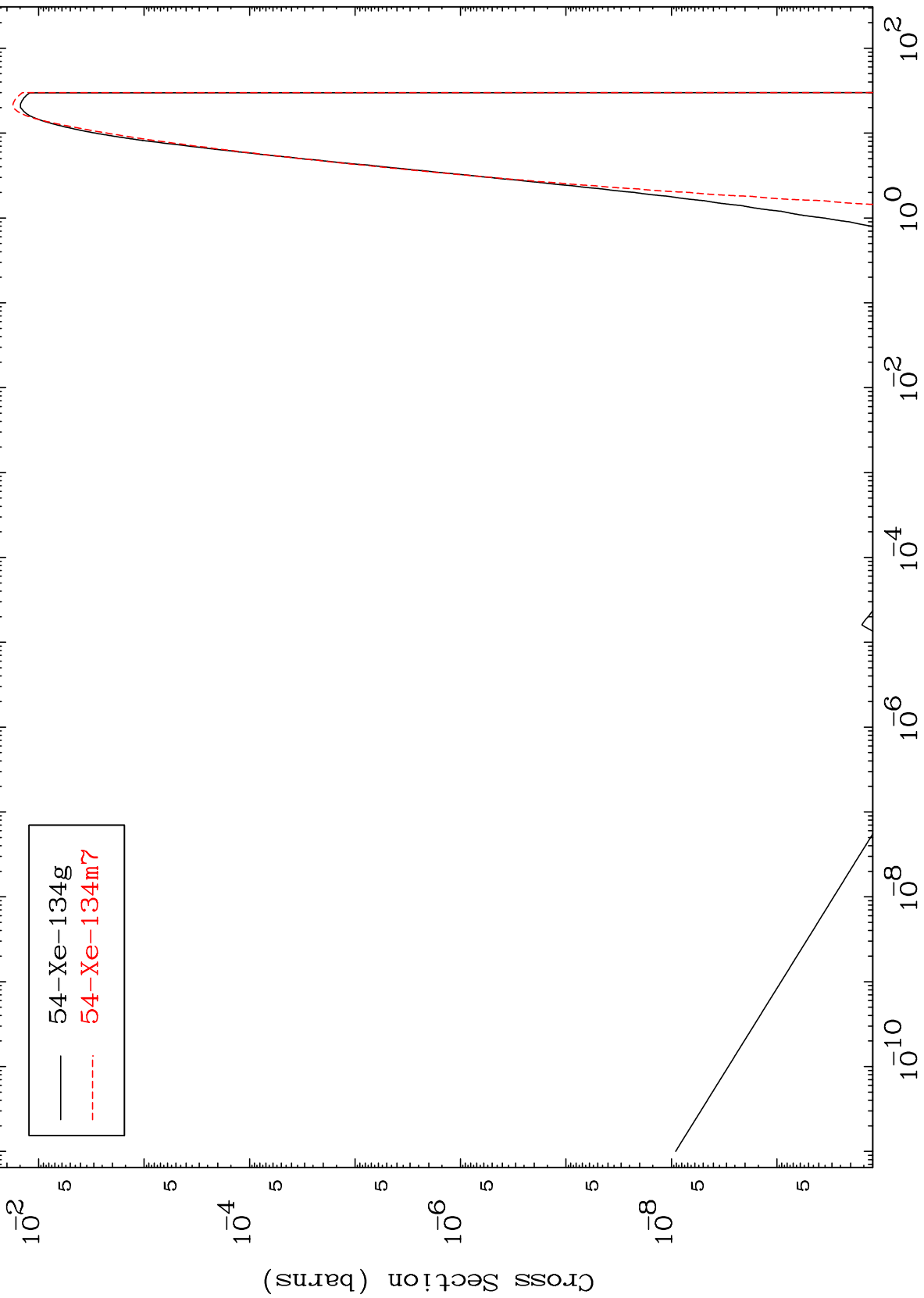
(n, γ)



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55-Cs-134

(n,p)
Radionuclide Production Cross Section



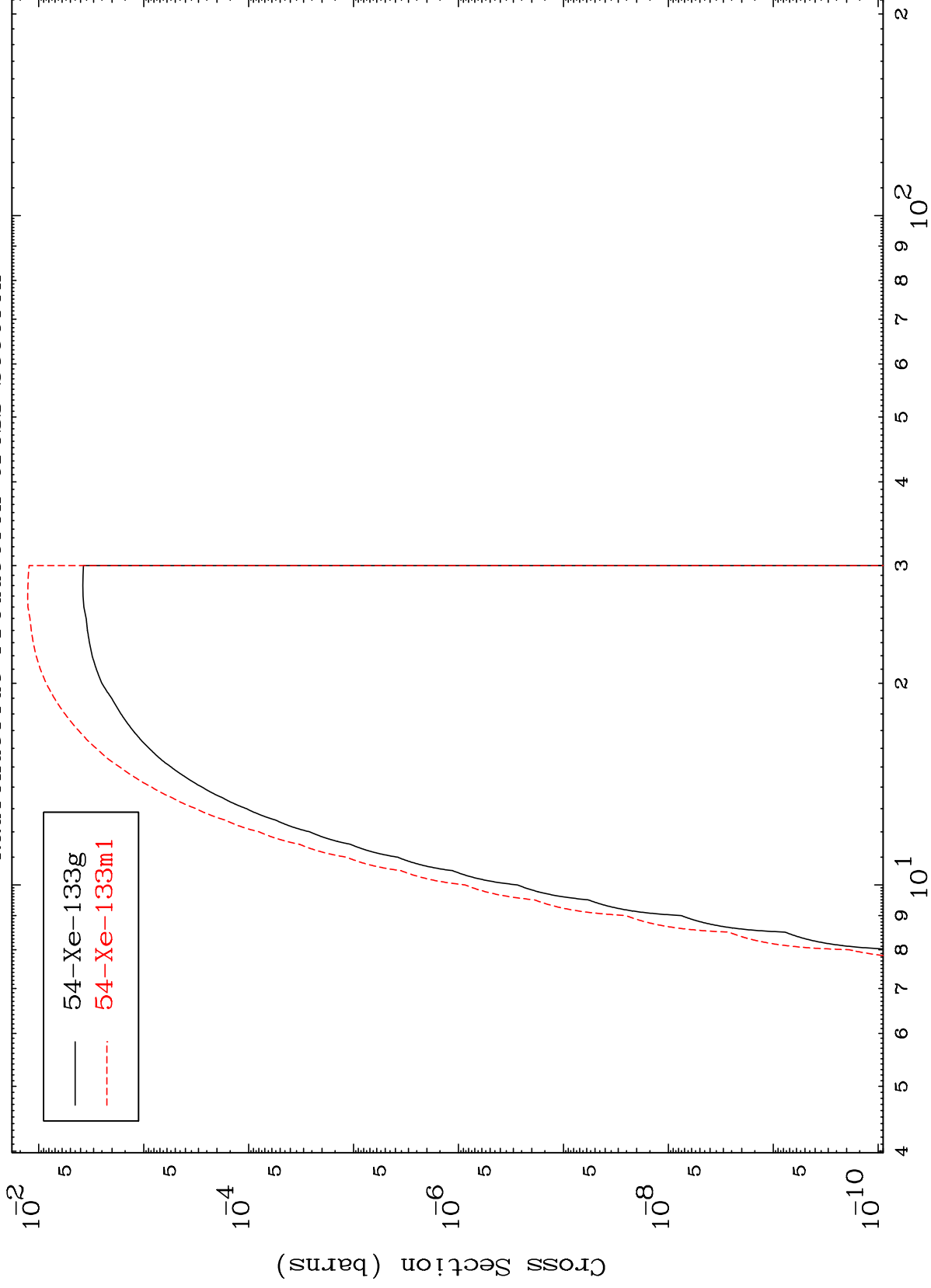
55-Cs-134

Incident Energy (MeV)

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55-Cs-134

(n,d)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

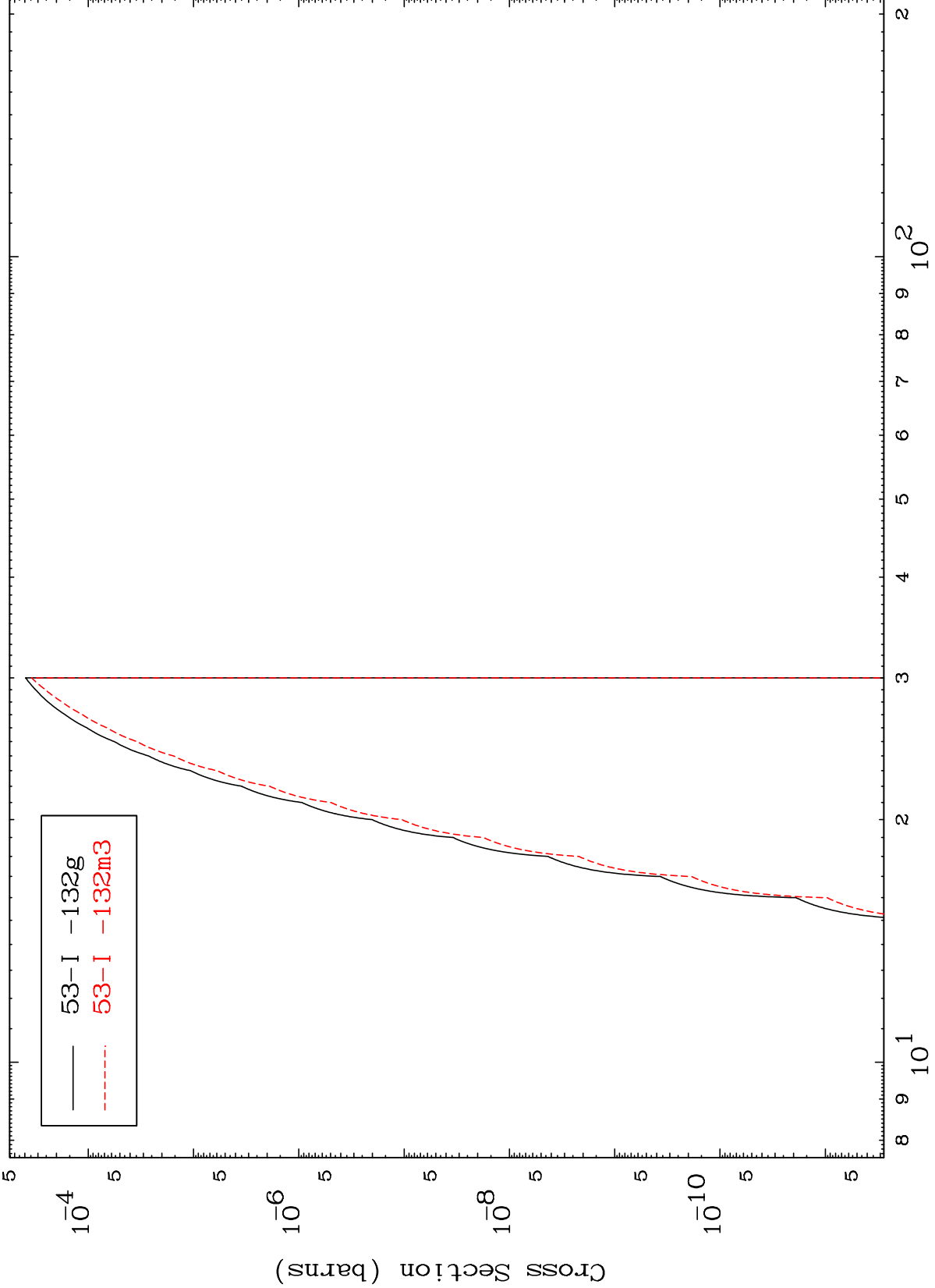
55-Cs-134

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(n,He-3)

55-Cs-134

Radionuclide Production Cross Section



53-I-132g
53-I-132m3

31

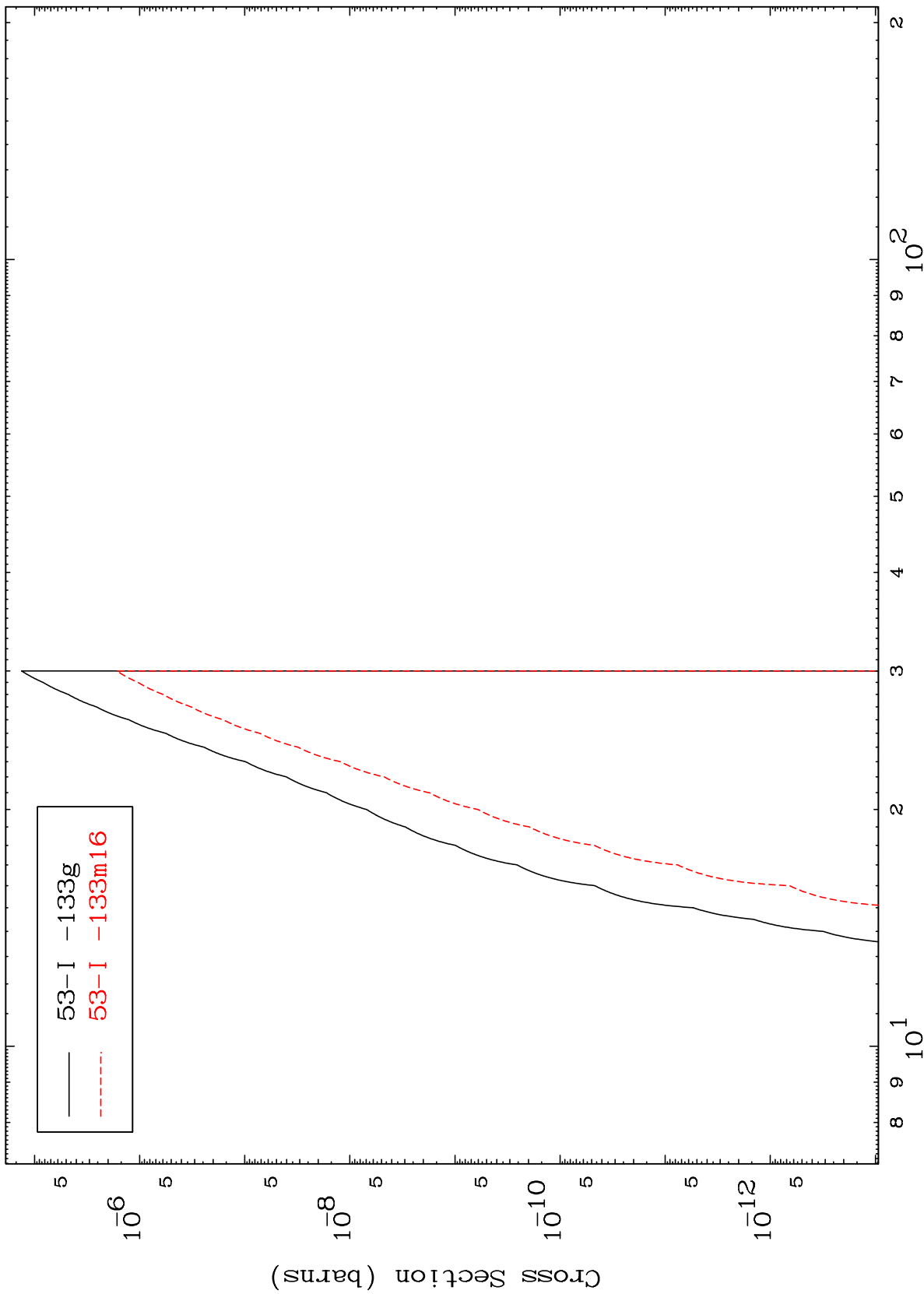
Incident Energy (MeV)

55-Cs-134

MAT 5529

55-Cs-134

(n,2p)
Radionuclide Production Cross Section

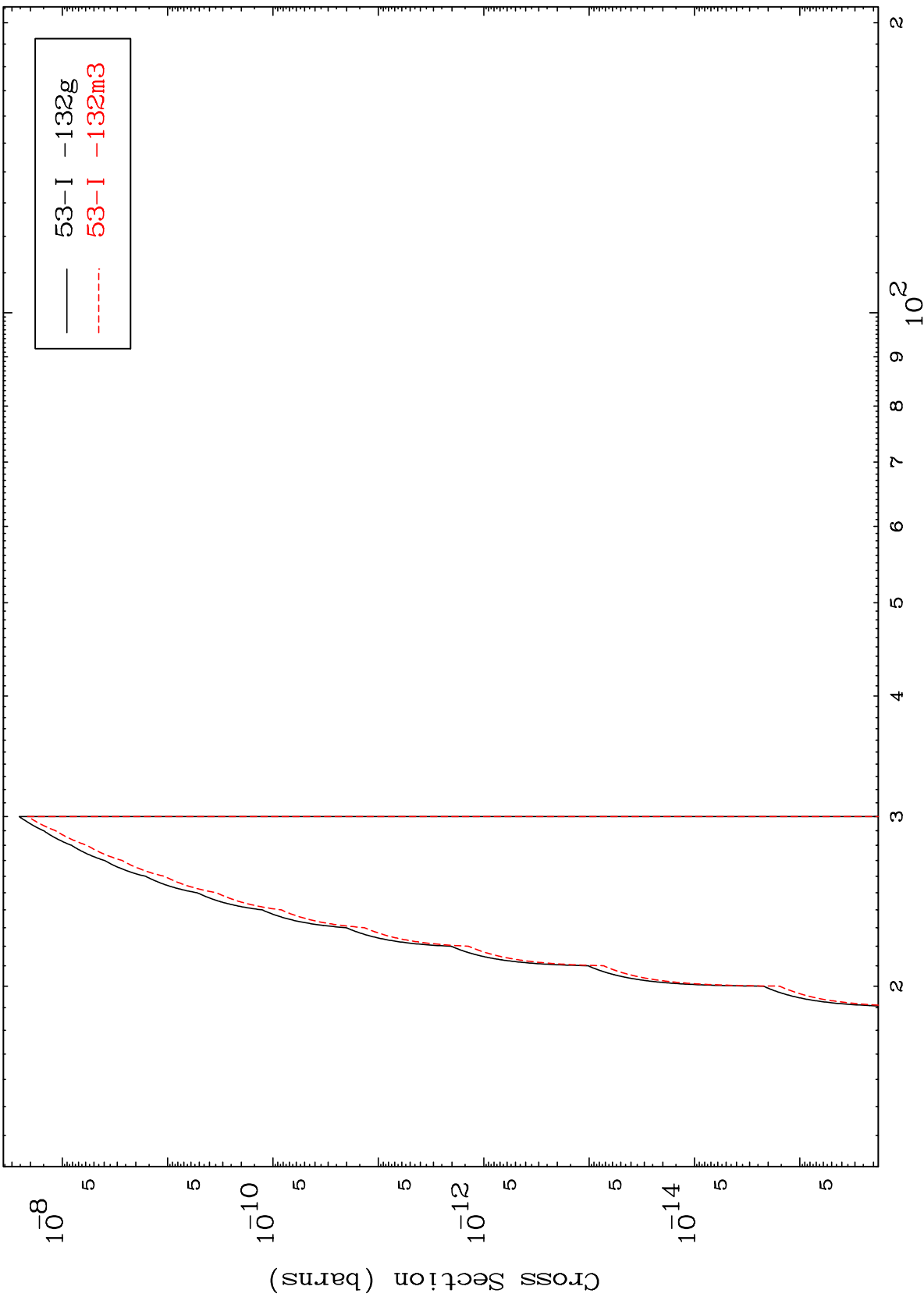


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Incident Energy (MeV)

55-Cs-134

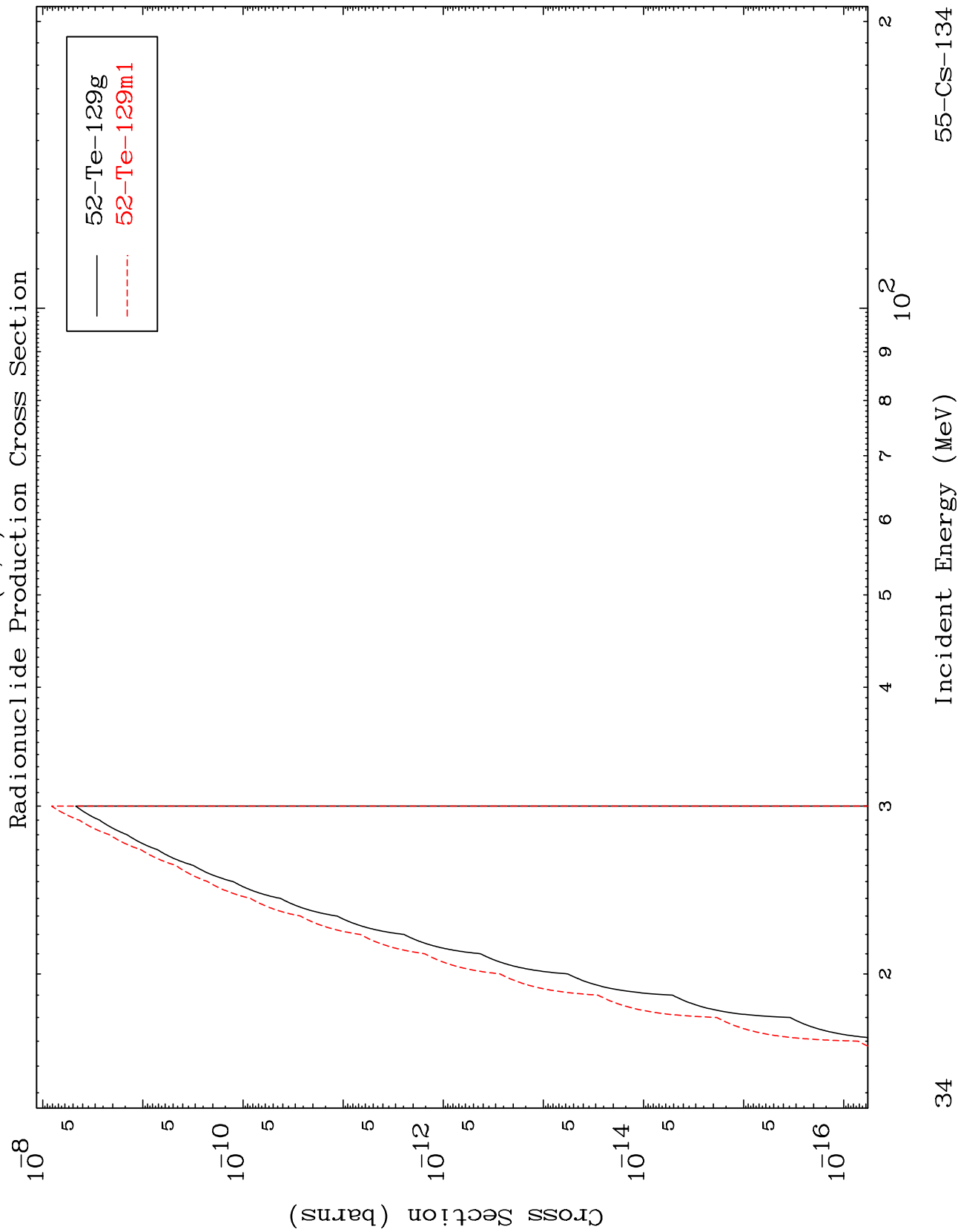
Radionuclide Production Cross Section



MAT 5529

(n,d) α

55-Cs-134



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