

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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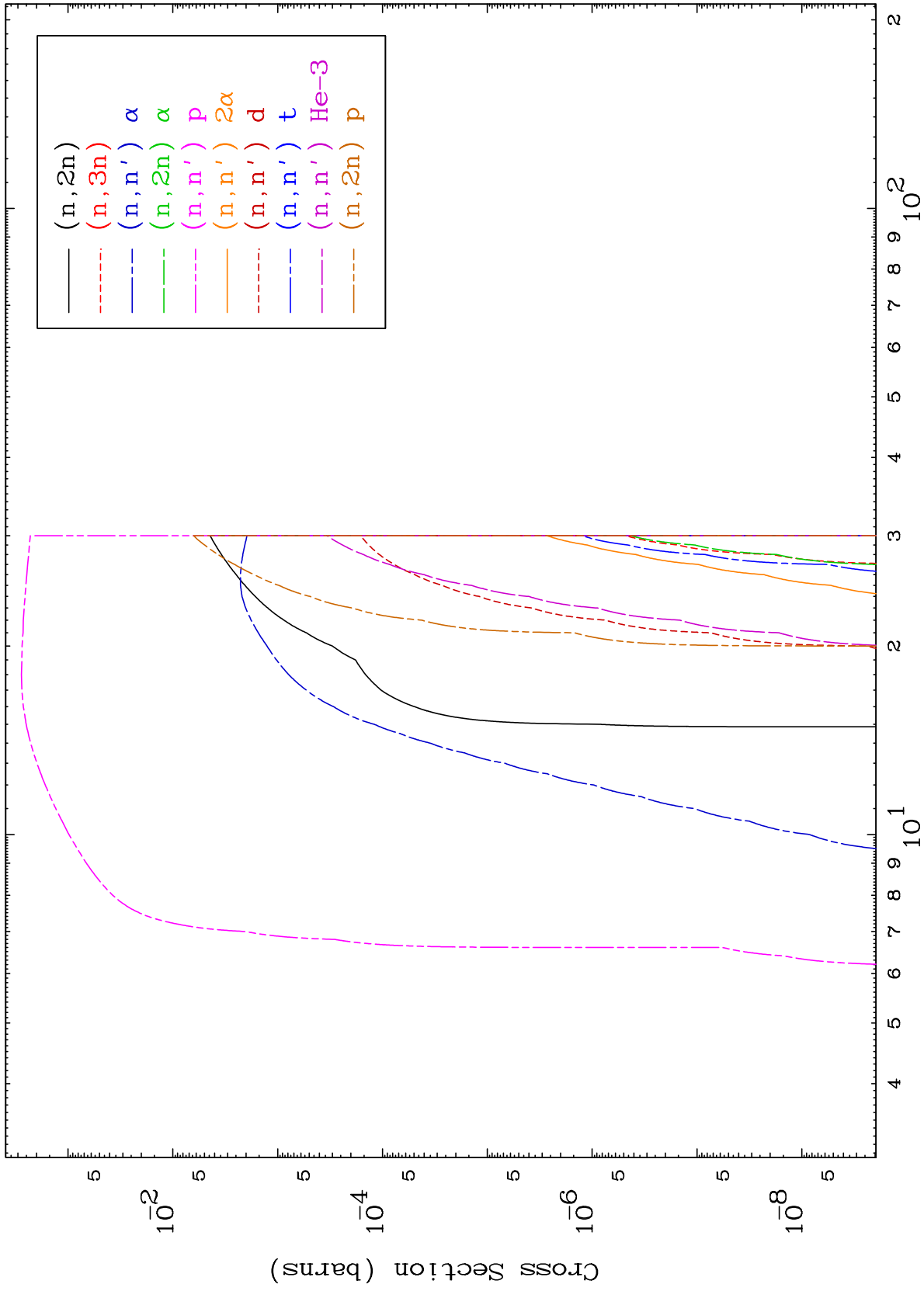
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4407

Neutron Production 293 Kelvin Cross Sections

44-Ru-90



2

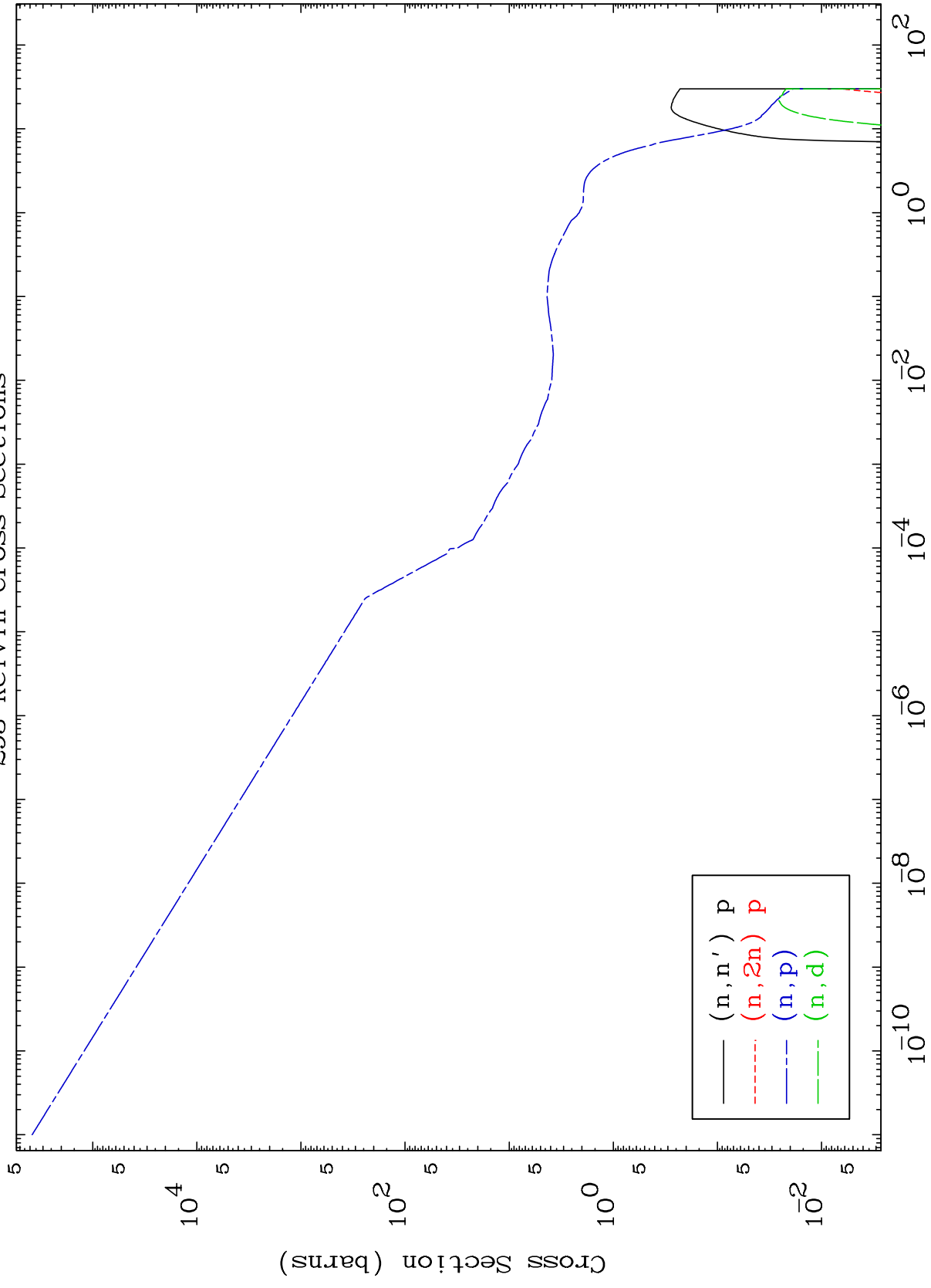
Incident Energy (MeV)

44-Ru-90

MAT 4407

Charged Particle
293 Kelvin Cross Sections

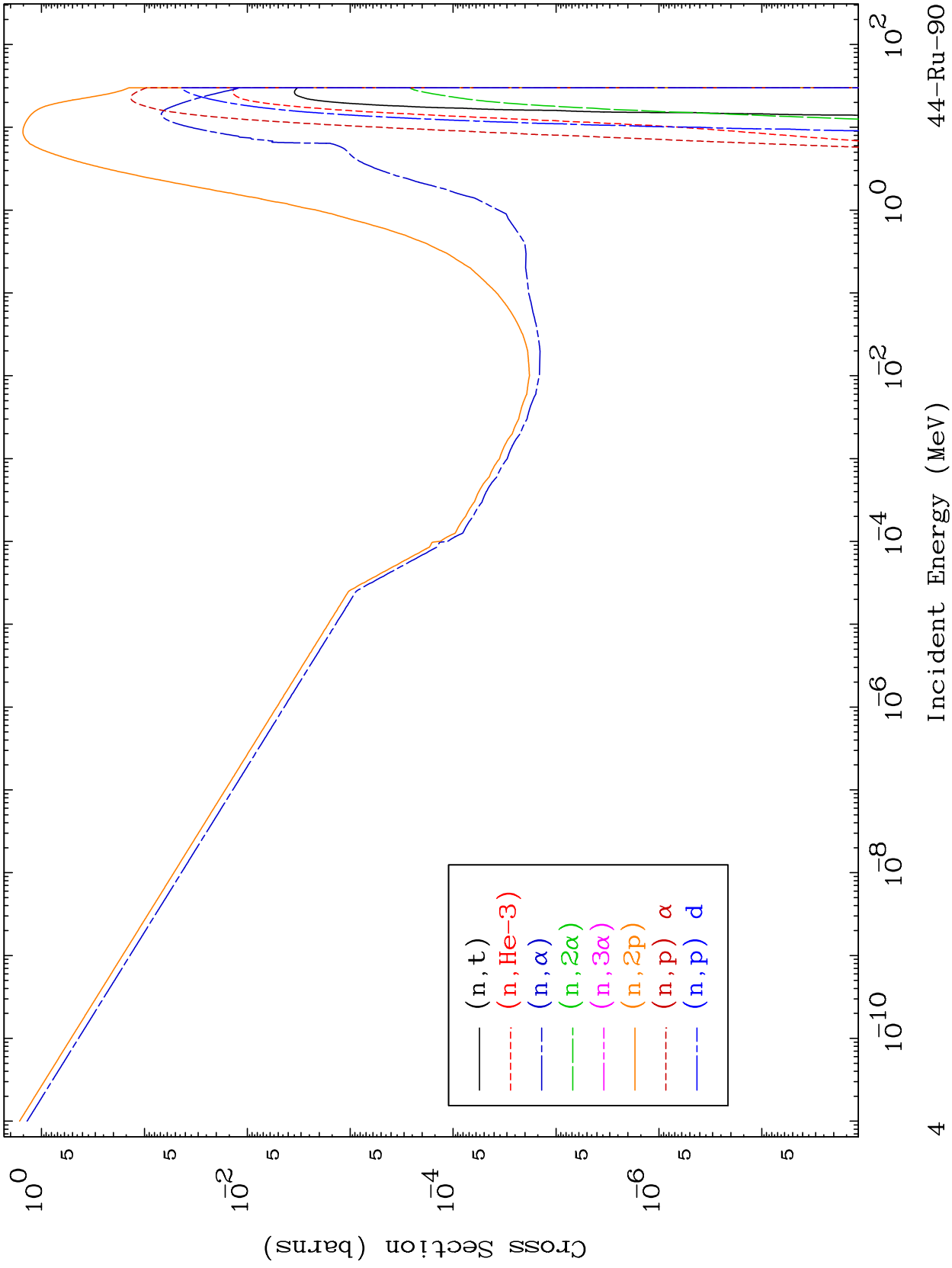
44-Ru-90



MAT 4407

Charged Particle
293 Kelvin Cross Sections

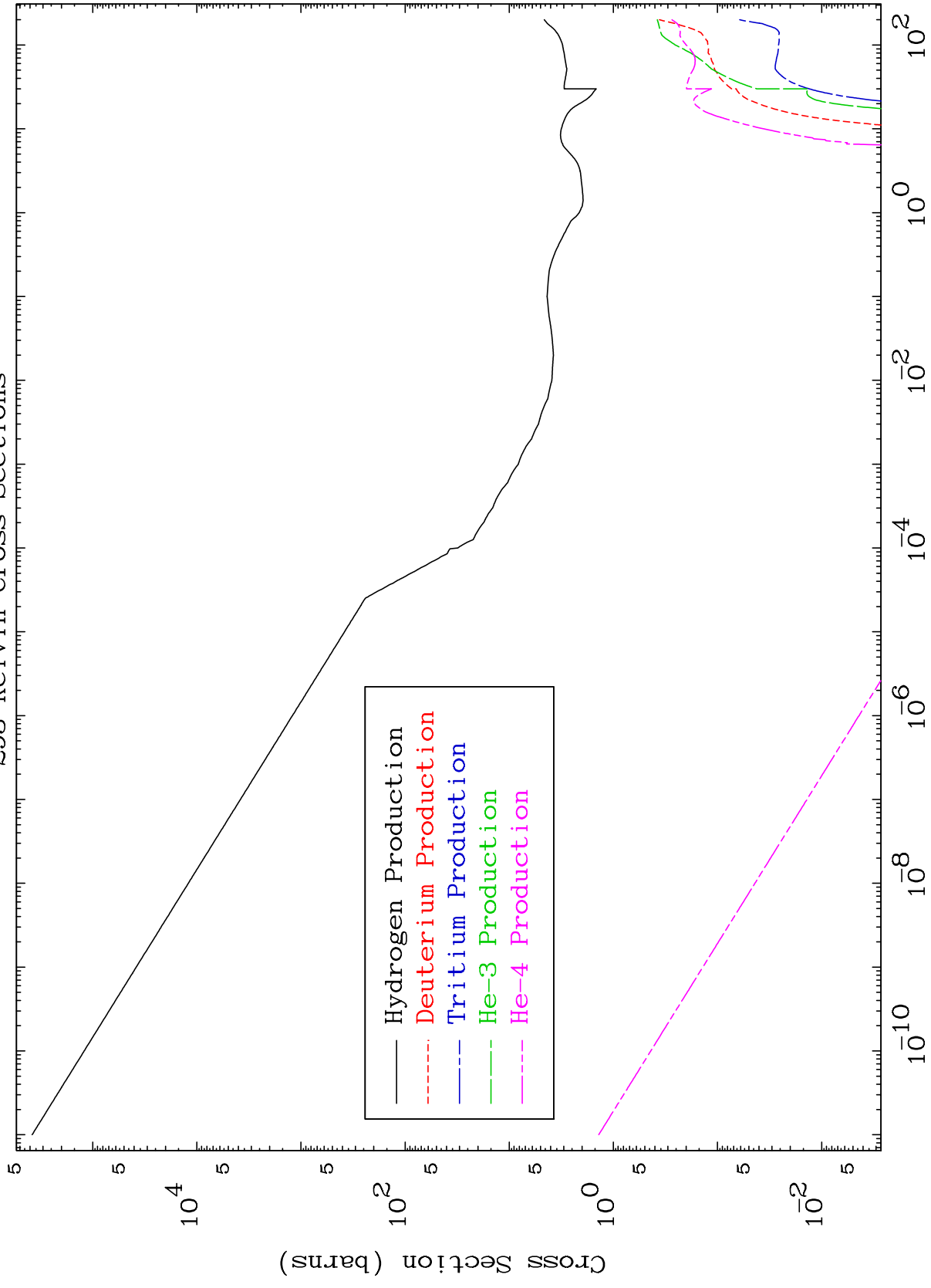
44-Ru-90



MAT 4407

Particle Production
293 Kelvin Cross Sections

44-Ru-90



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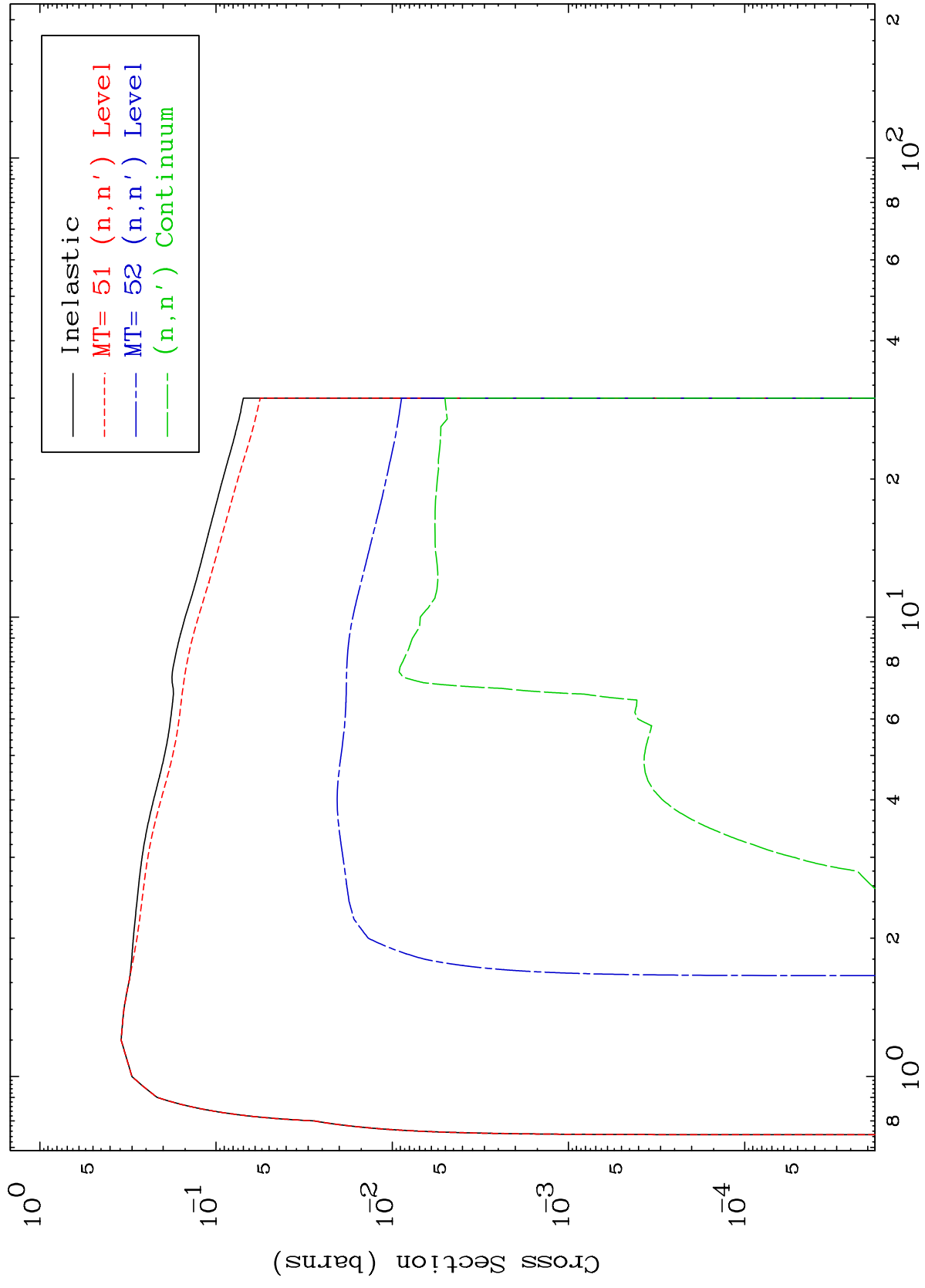
44-Ru-90

MAT 4407

(n,n') Level

44-Ru-90

293 Kelvin Cross Sections



6

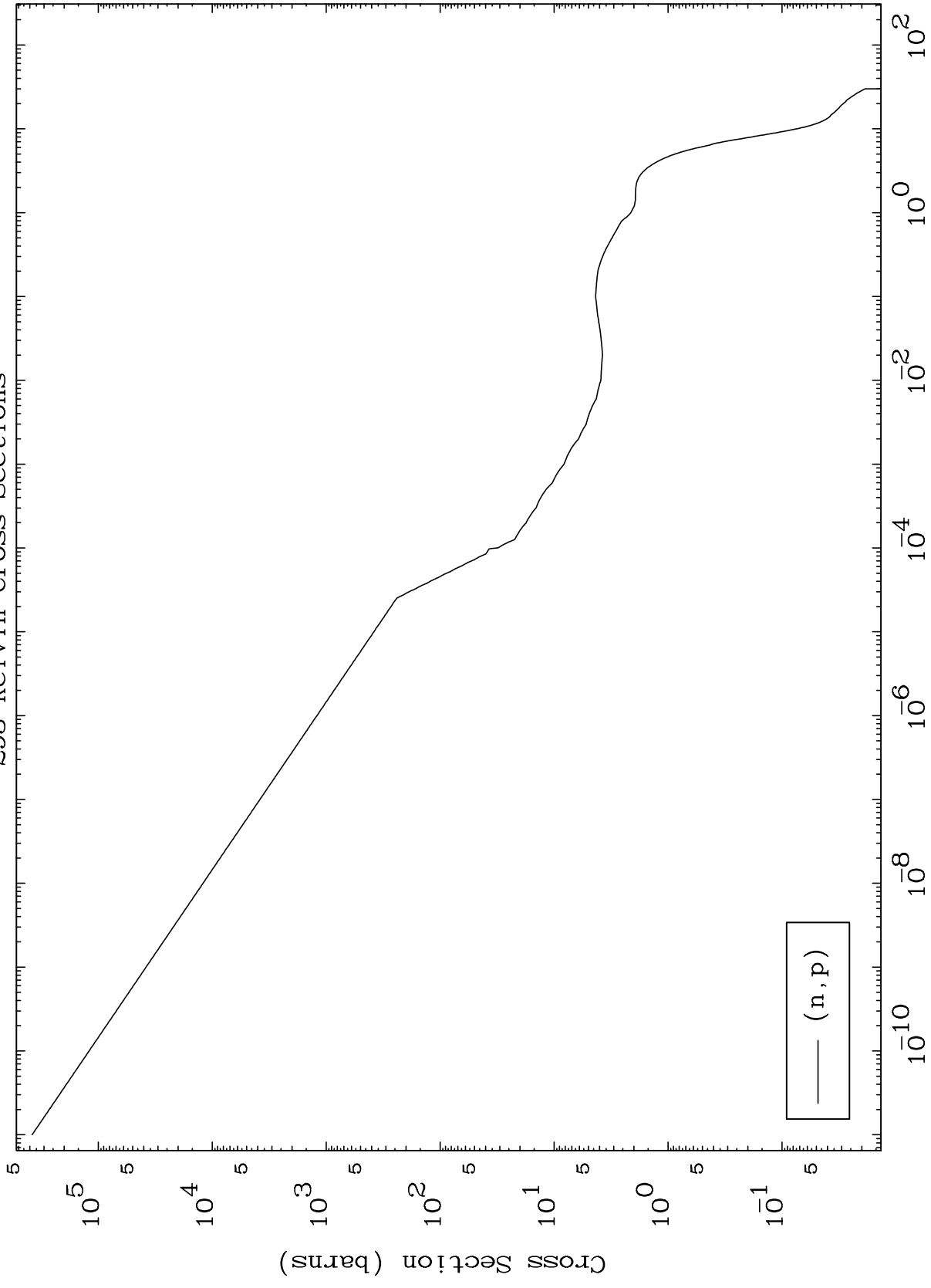
Incident Energy (MeV)

44-Ru-90

MAT 4407

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-90

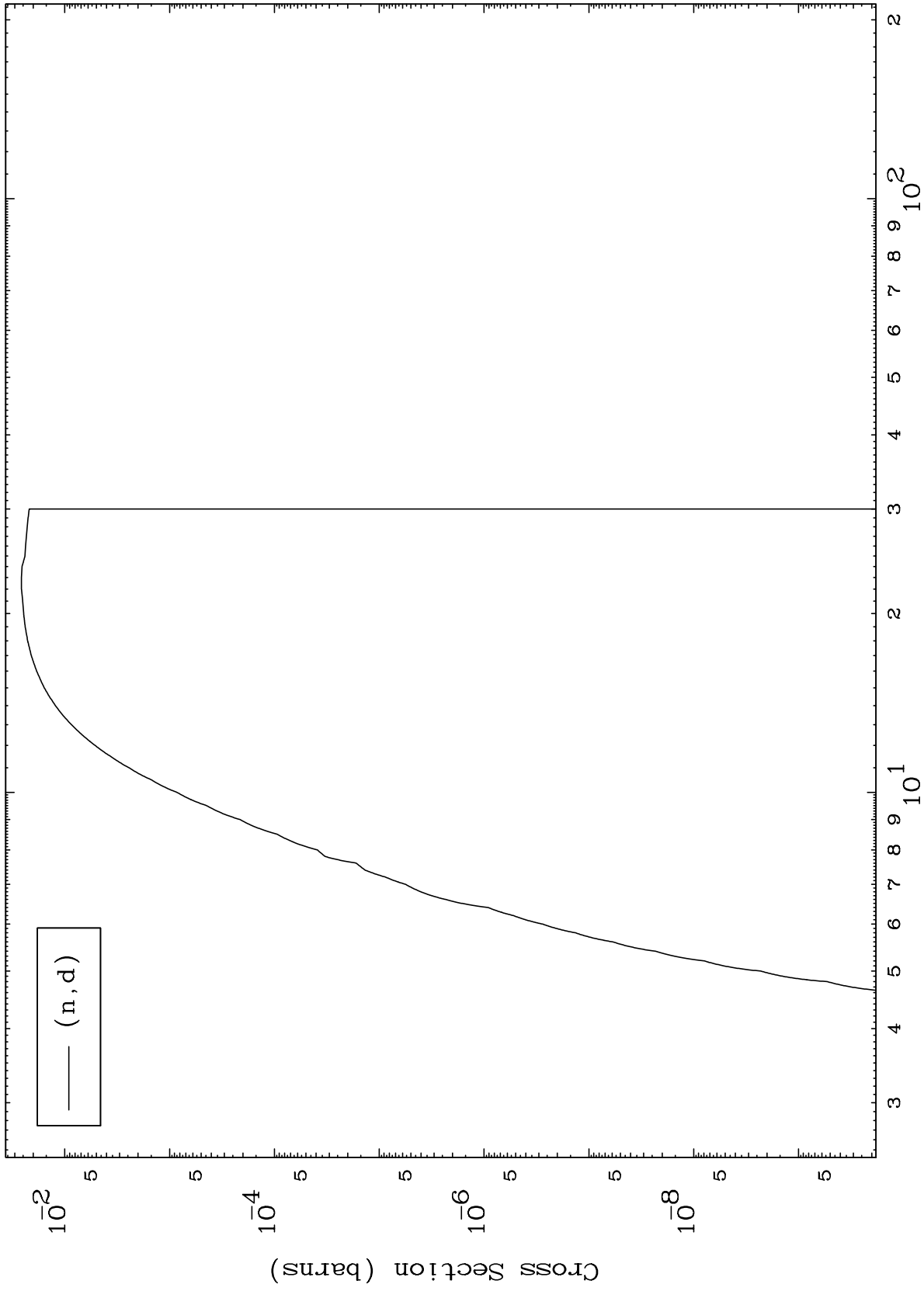


44-Ru-90

MAT 4407

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-90



8

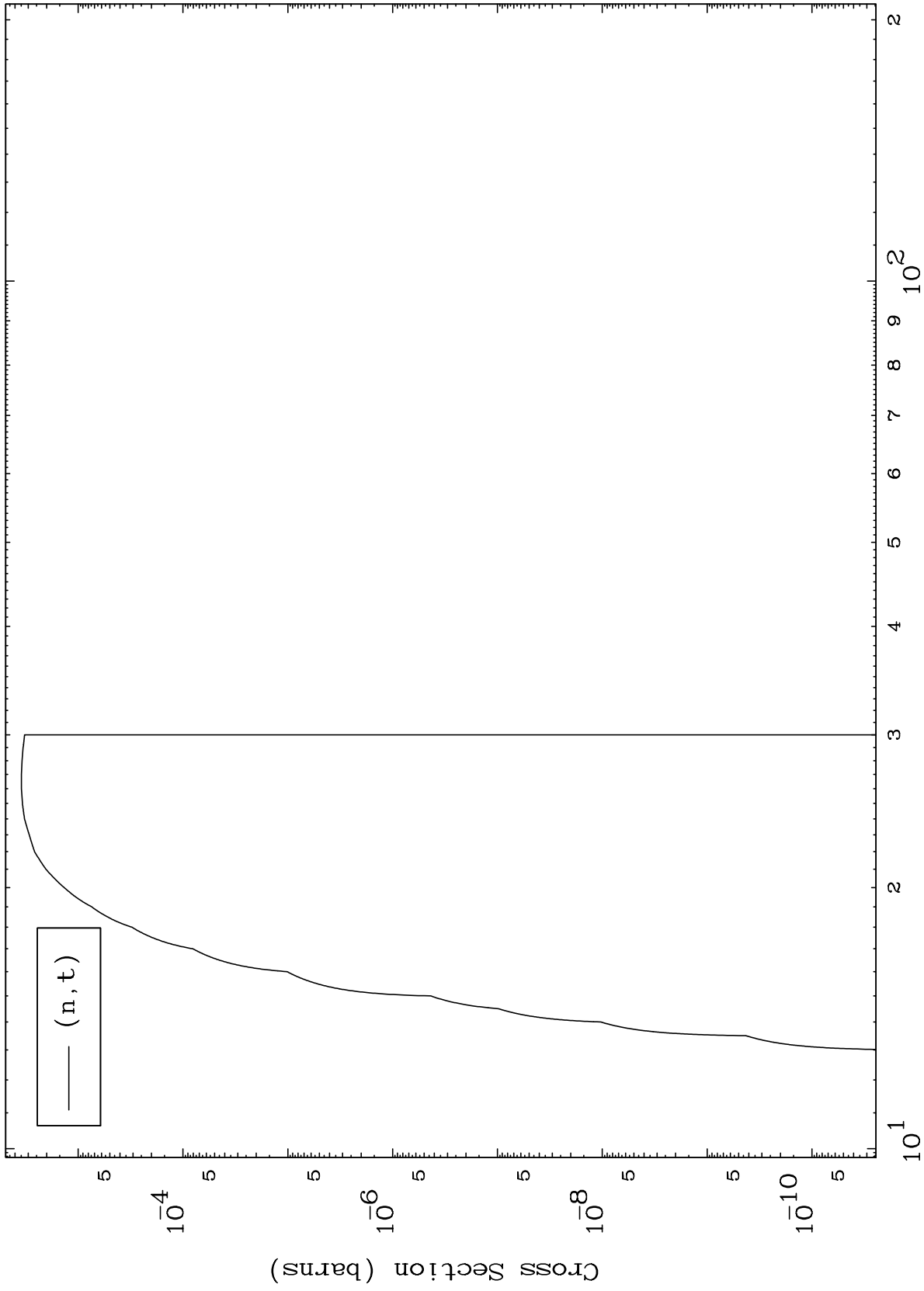
Incident Energy (MeV)

44-Ru-90

MAT 4407

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-90



9

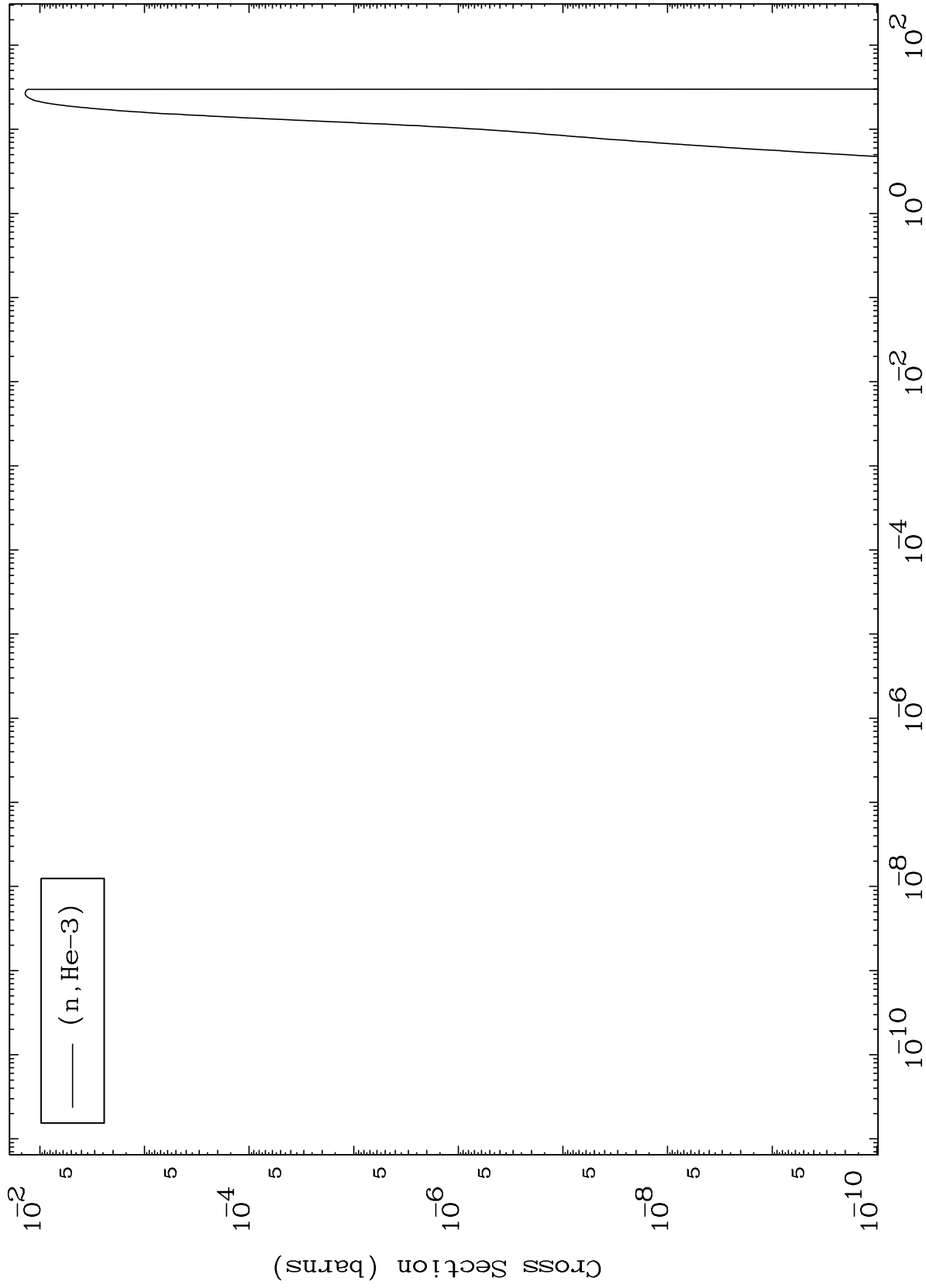
Incident Energy (MeV)

44-Ru-90

MAT 4407

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-90



(n, He-3)

10

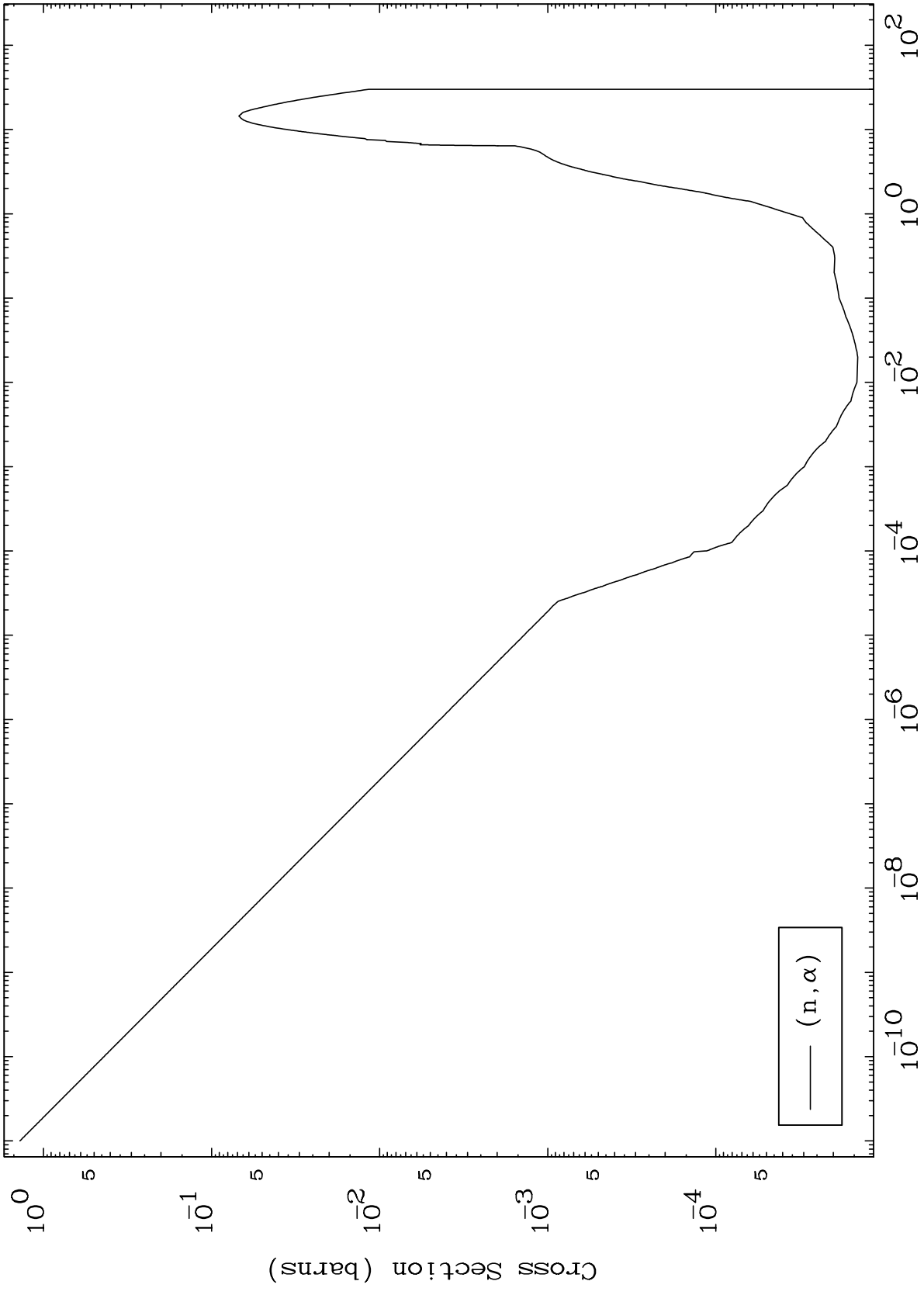
Incident Energy (MeV)

44-Ru-90

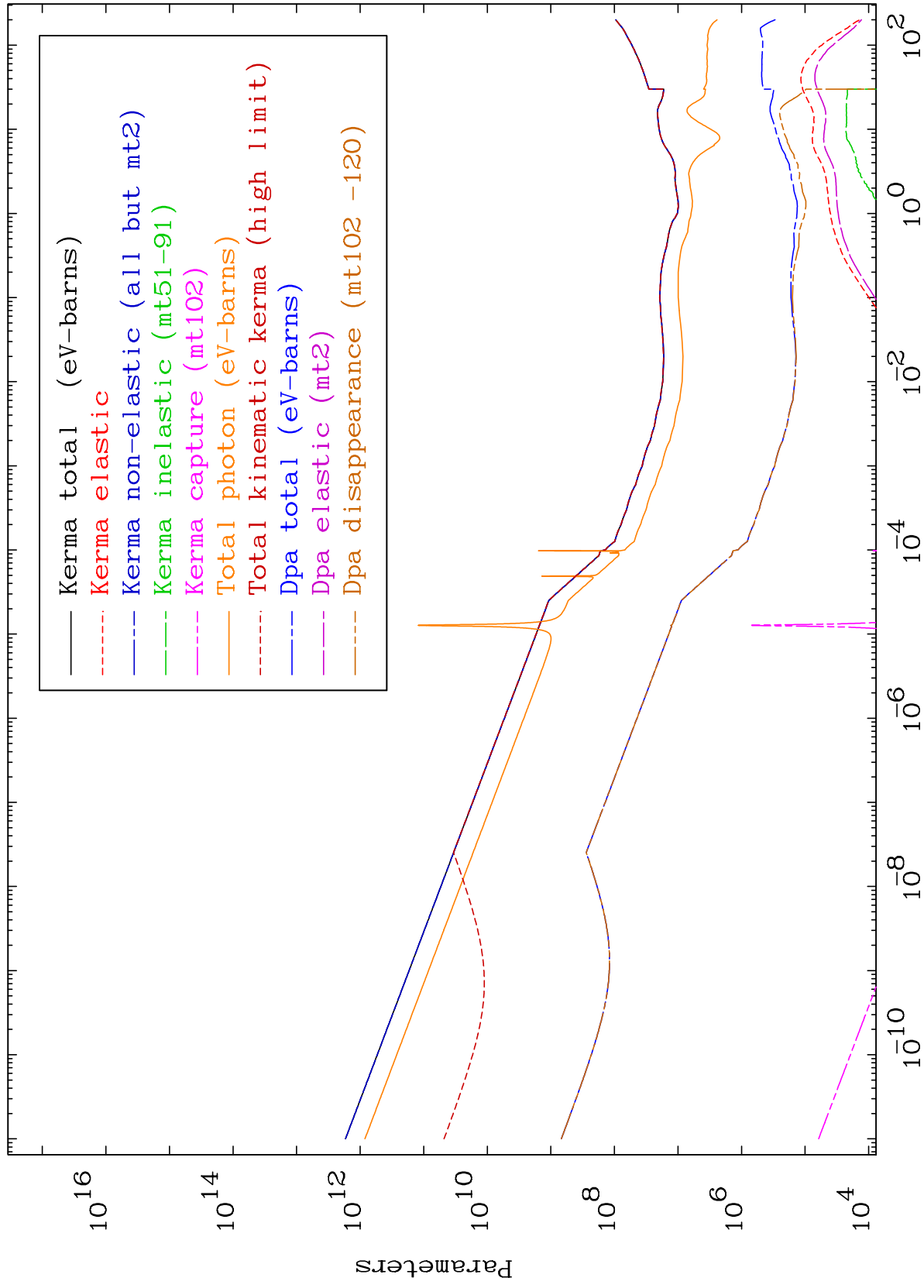
MAT 4407

(n,α) Levels
293 Kelvin Cross Sections

44-Ru-90



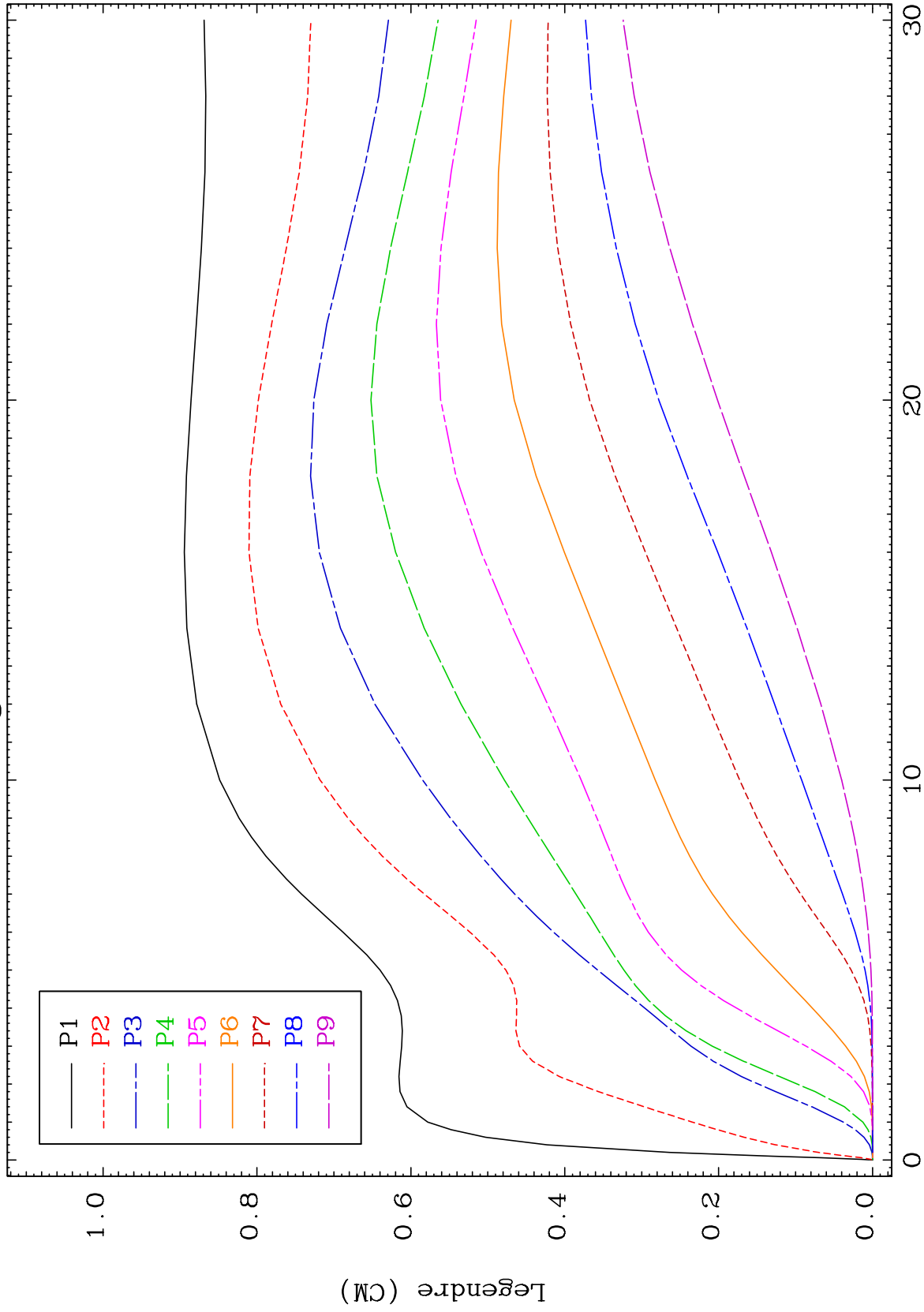
— (n,α)



MAT 4407

Elastic Legendre Coefficients

44-Ru-90



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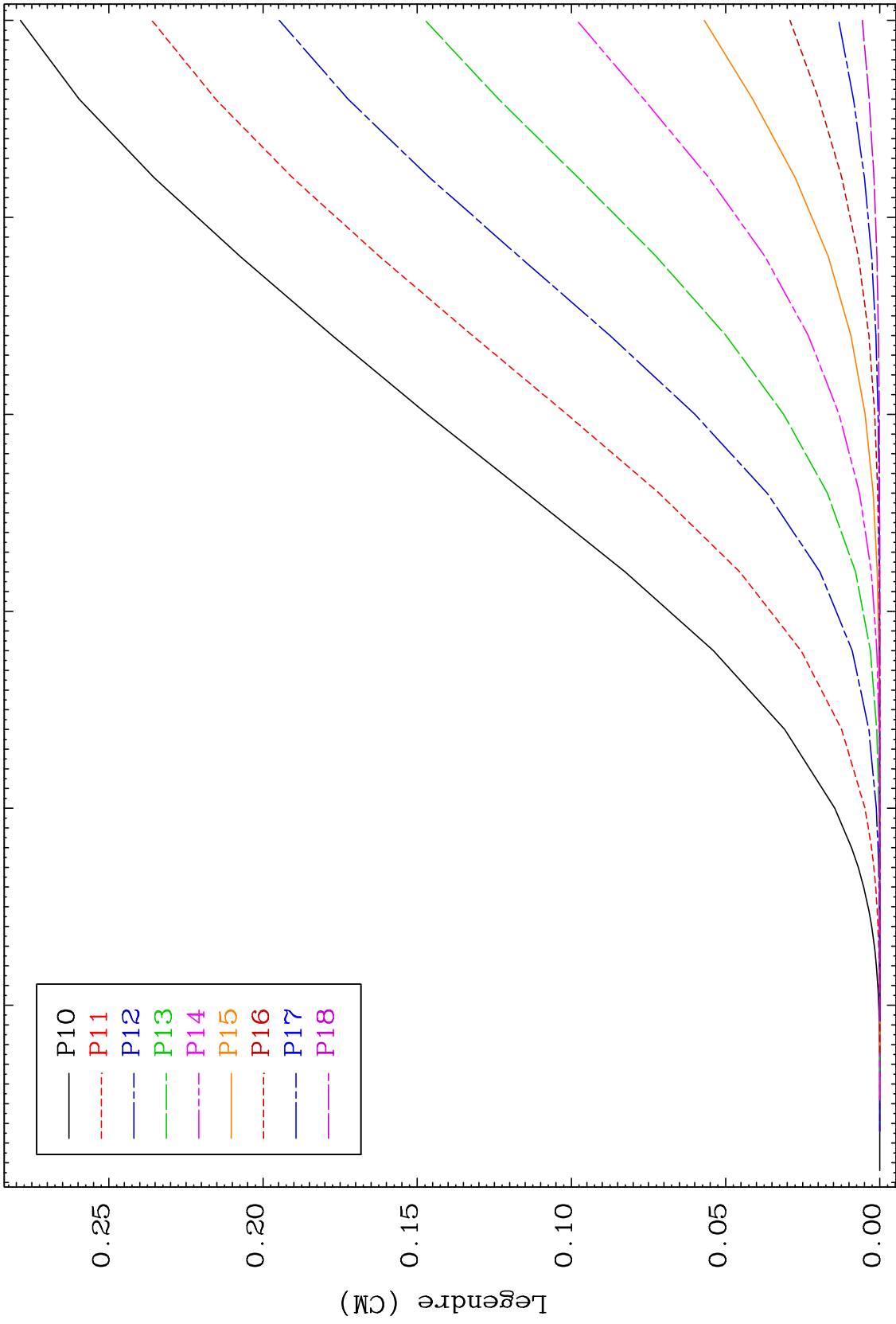
Incident Energy (MeV)

44-Ru-90

MAT 4407

Elastic Legendre Coefficients

44-Ru-90



14

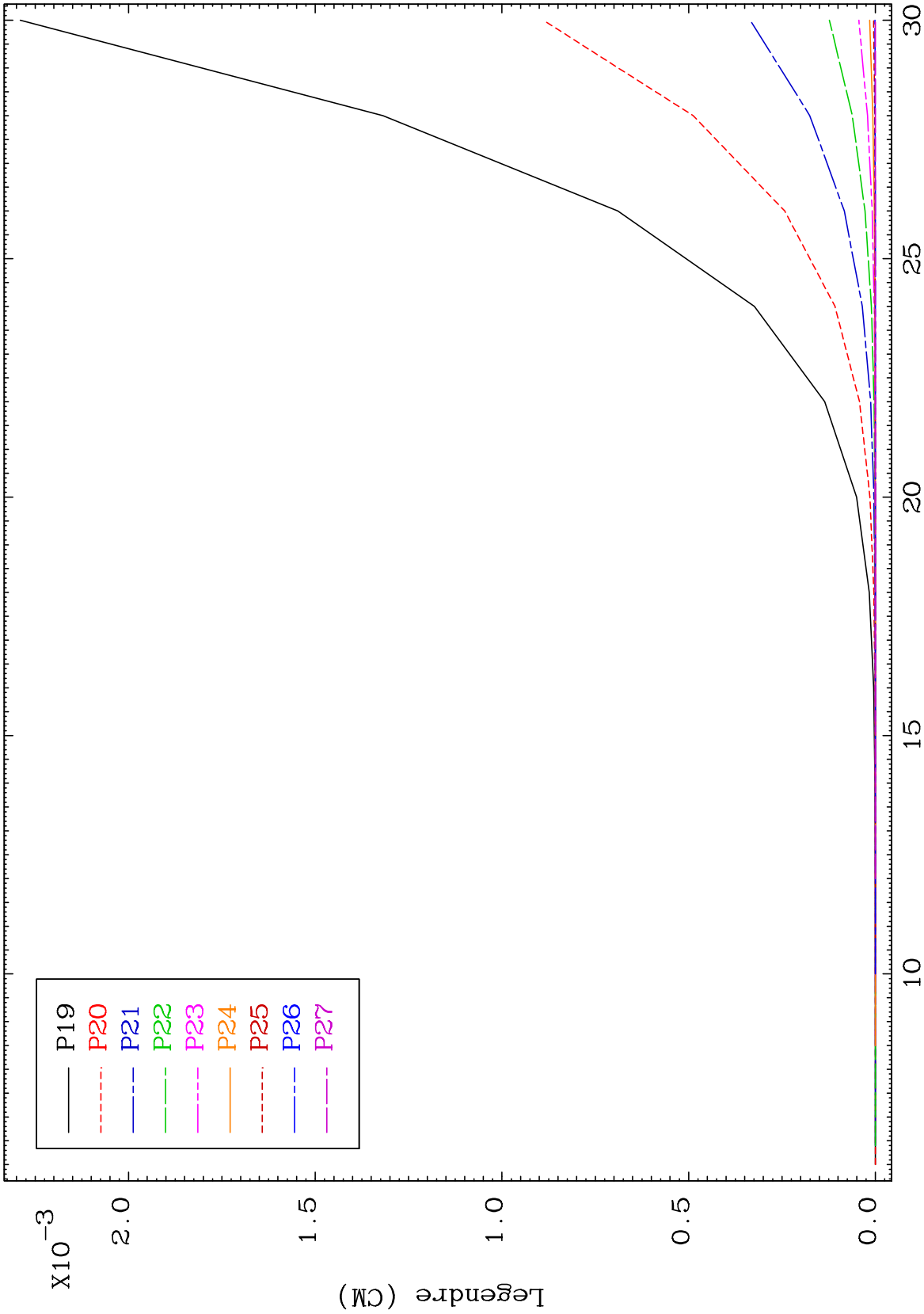
Incident Energy (MeV)

44-Ru-90

MAT 4407

Elastic Legendre Coefficients

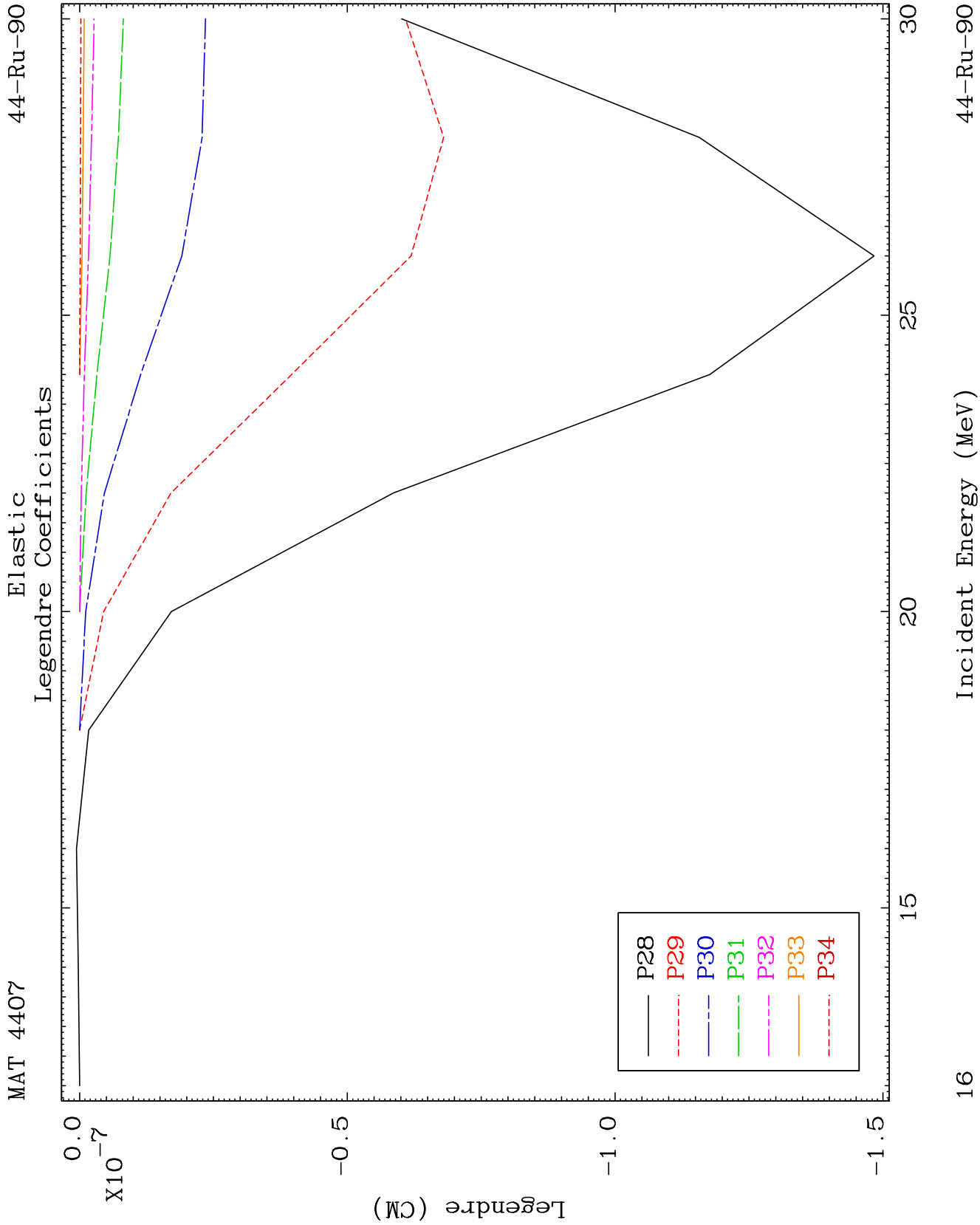
44-Ru-90



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Incident Energy (MeV)

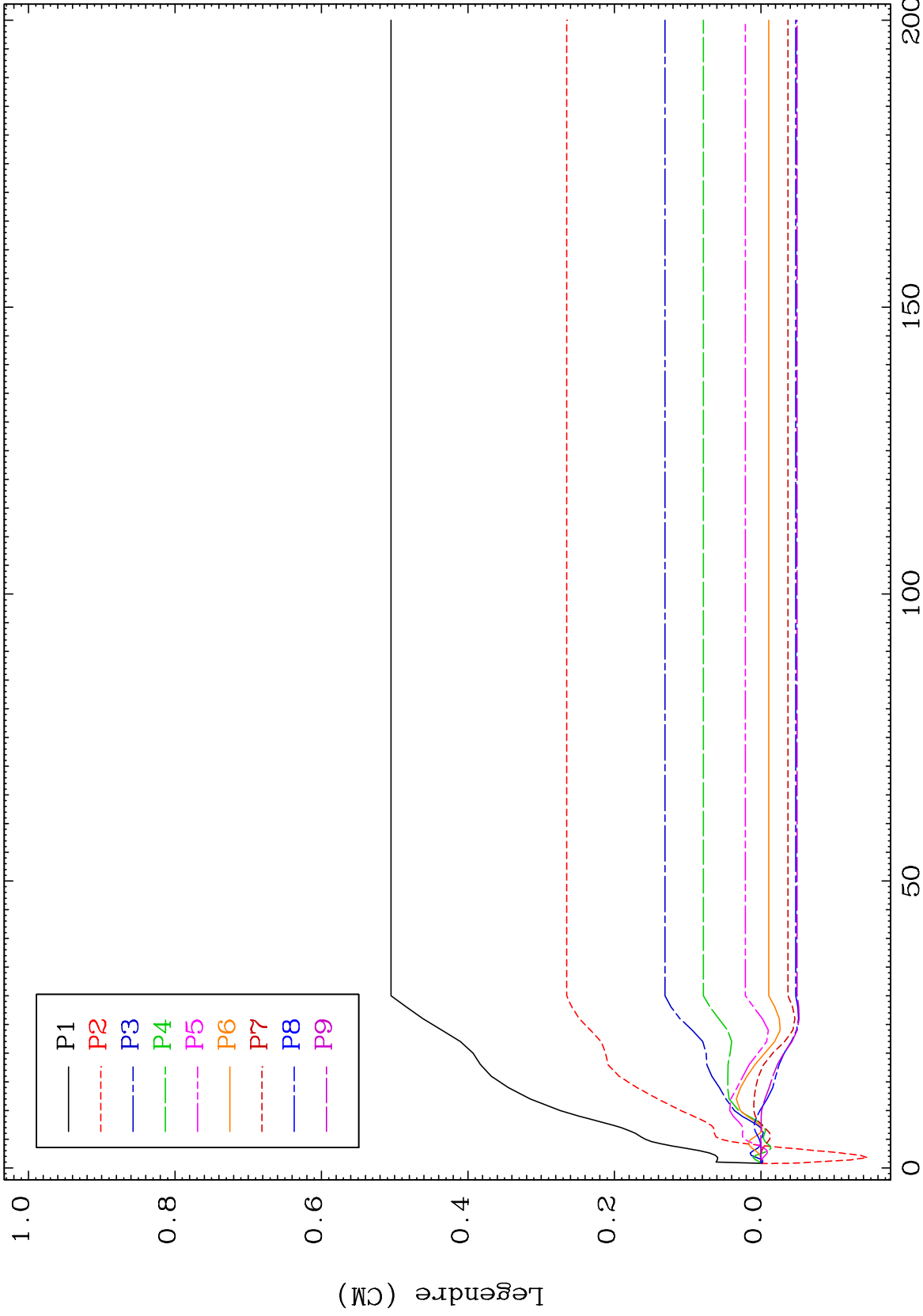
44-Ru-90



MAT 4407

MT= 51 (n,n') Level
Legendre Coefficients

44-Ru-90



17

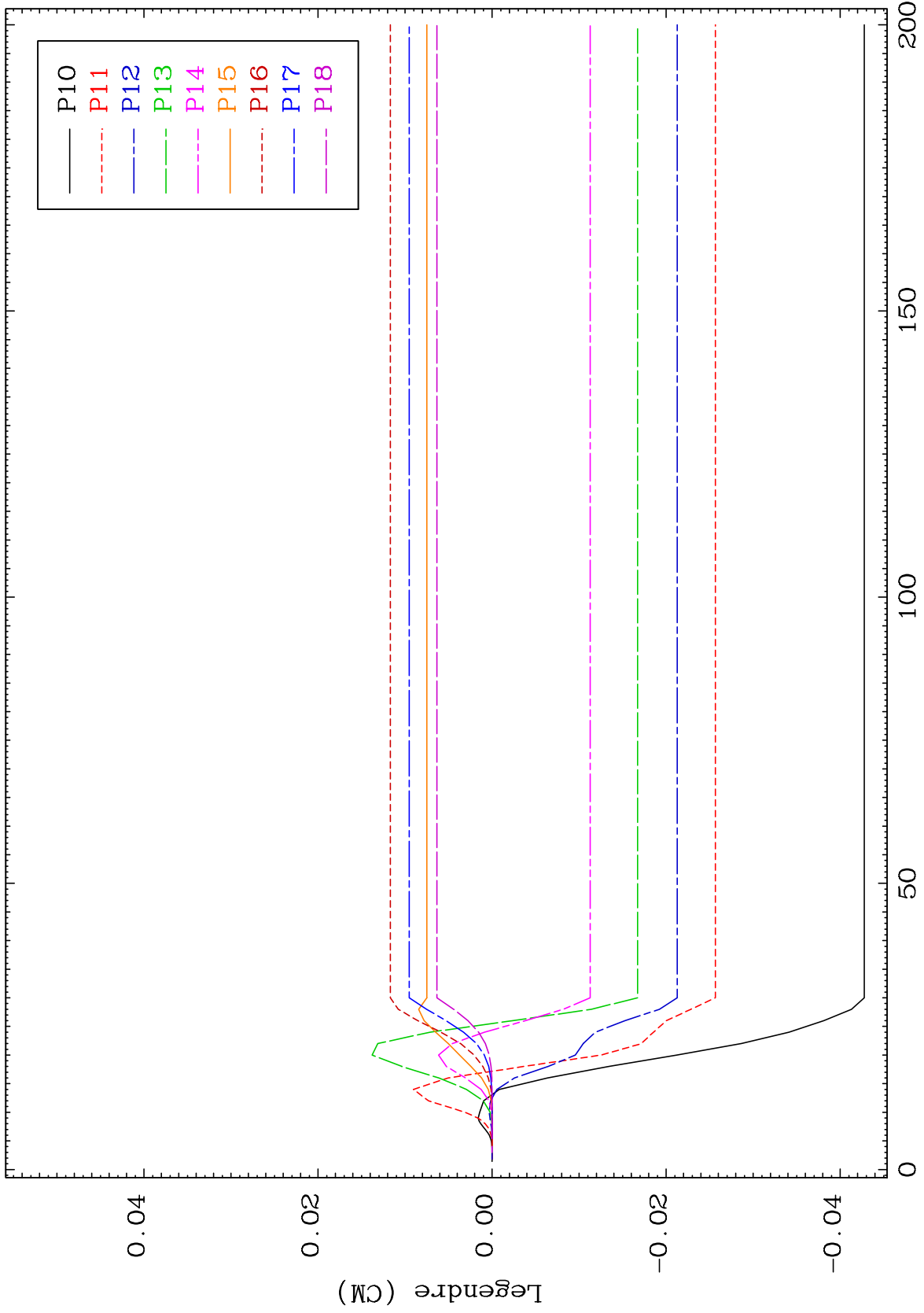
Incident Energy (MeV)

44-Ru-90

MAT 4407

MT= 51 (n,n') Level
Legendre Coefficients

44-Ru-90



18

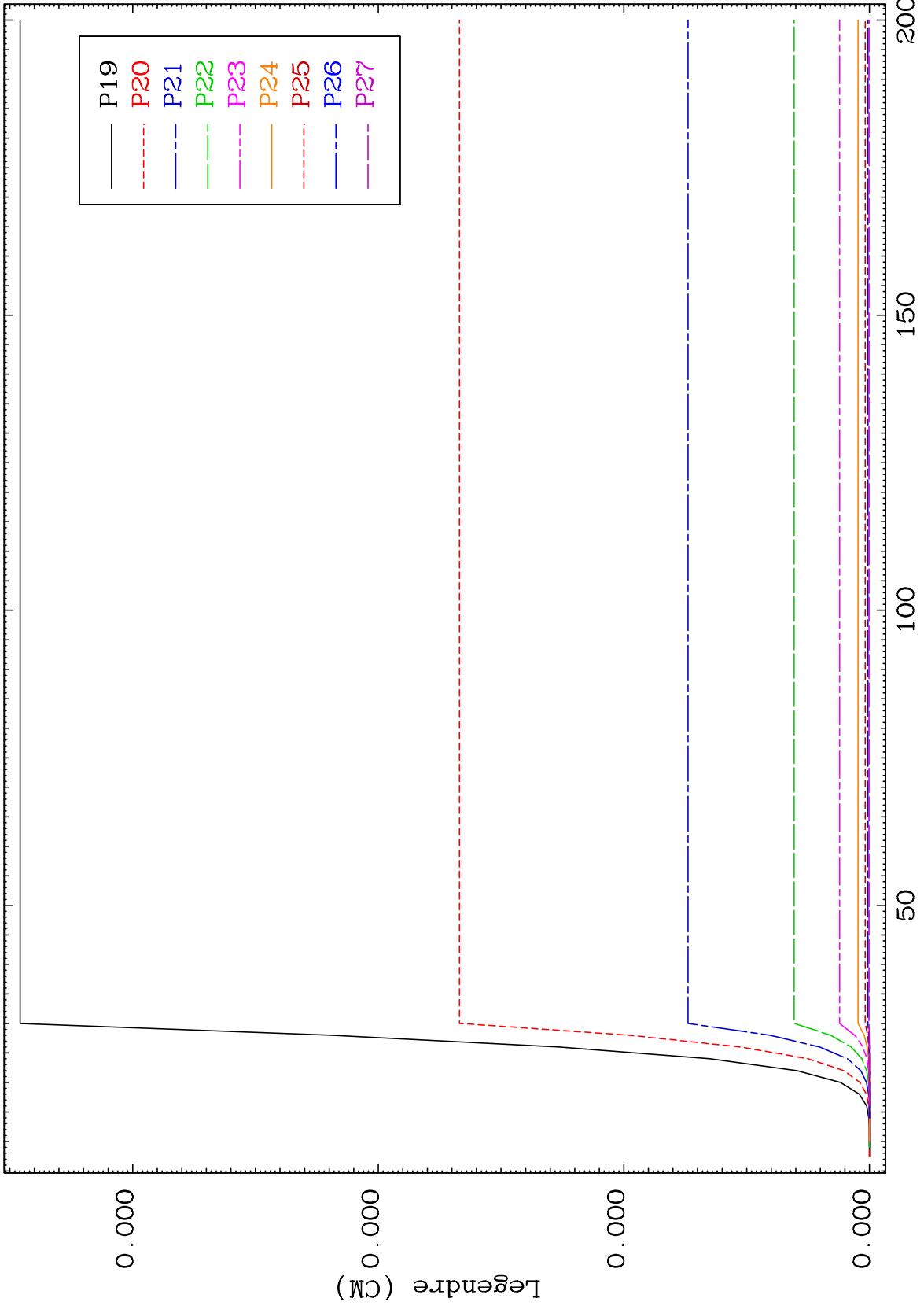
Incident Energy (MeV)

44-Ru-90

MAT 4407

MT= 51 (n,n') Level
Legendre Coefficients

44-Ru-90

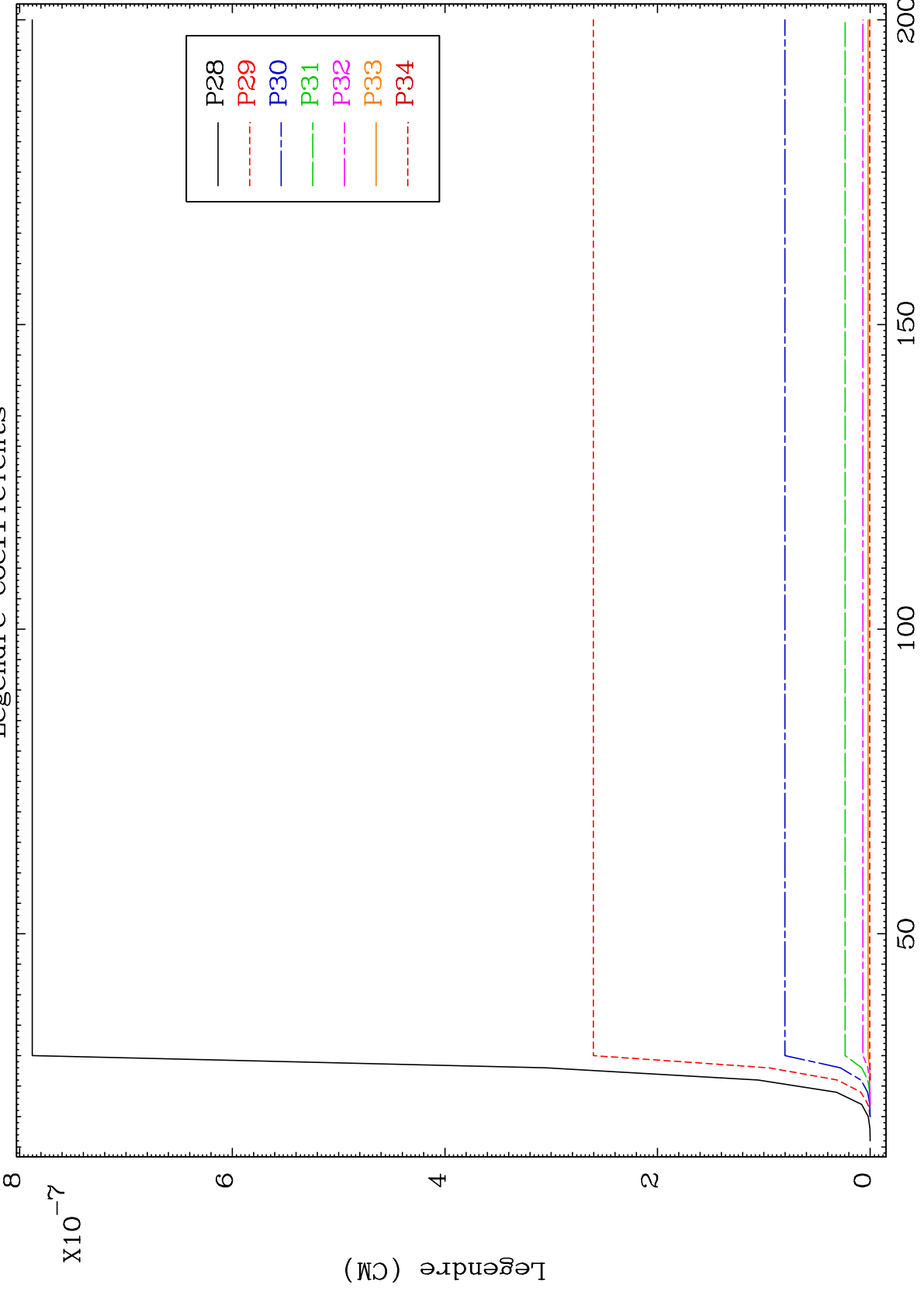


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Incident Energy (MeV)

44-Ru-90

MAT 4407 MT= 51 (n,n') Level Legendre Coefficients 44-Ru-90

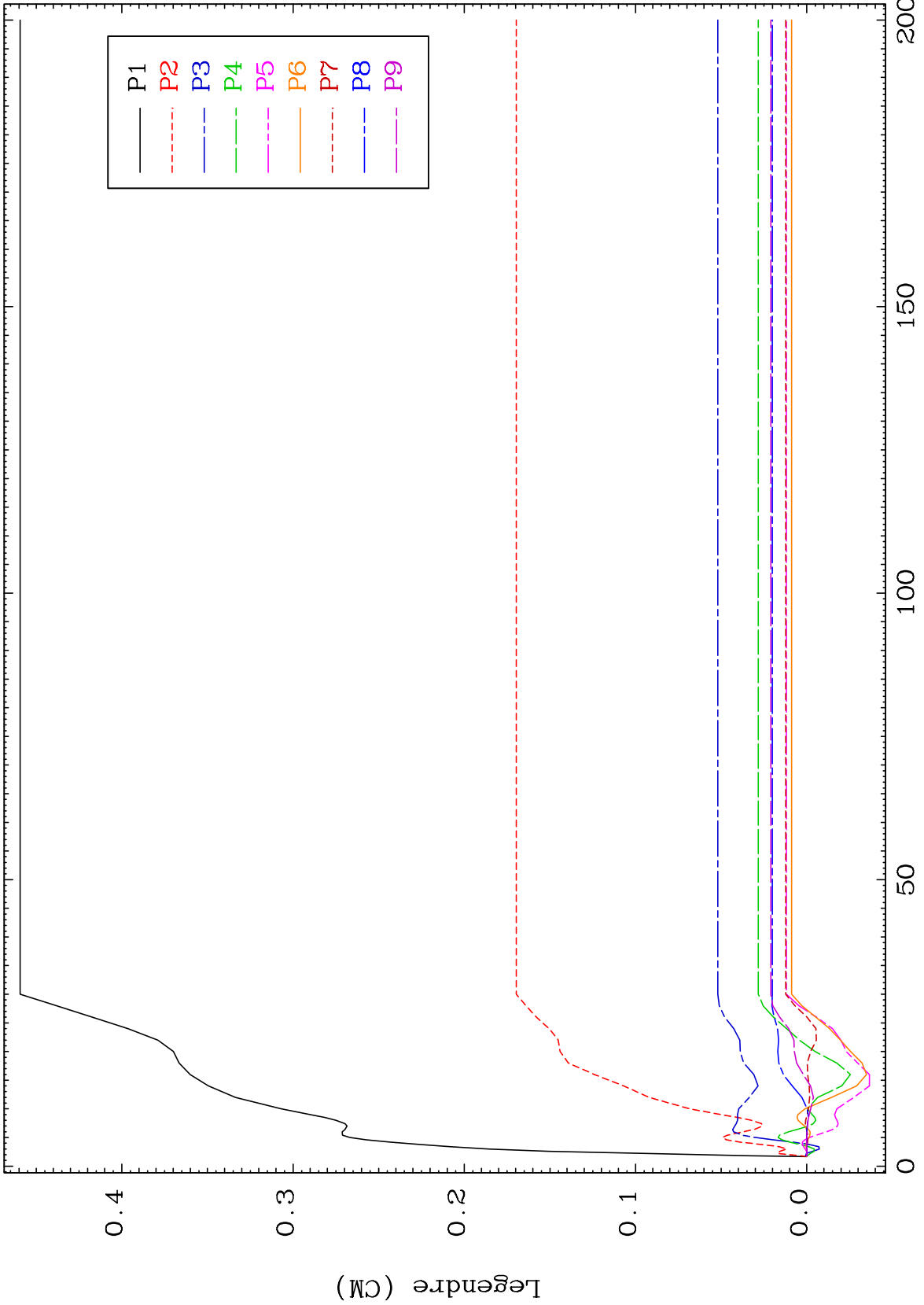


20 50 100 150 200 44-Ru-90

MAT 4407

MT= 52 (n,n') Level
Legendre Coefficients

44-Ru-90



21

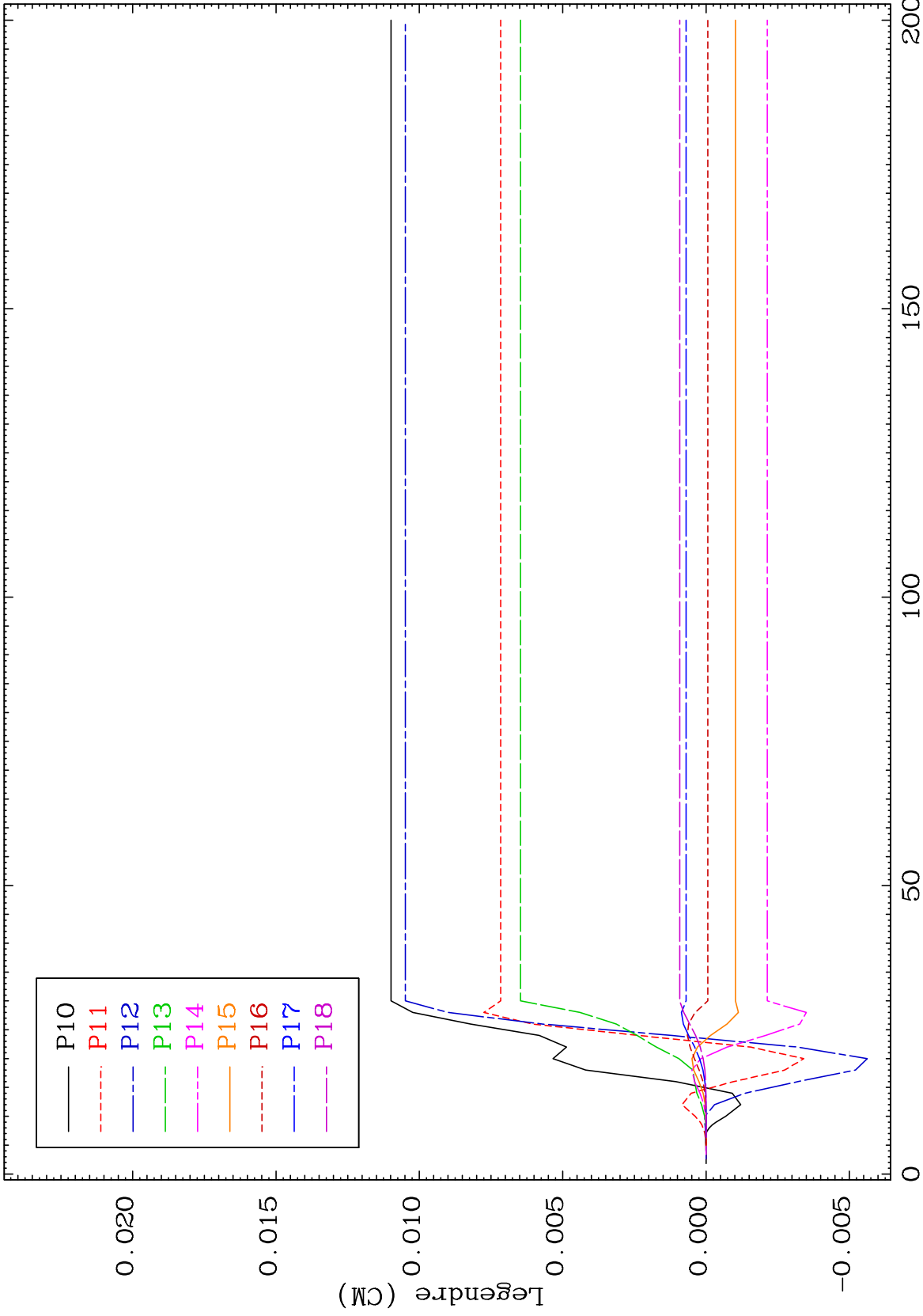
Incident Energy (MeV)

44-Ru-90

MAT 4407

MT= 52 (n,n') Level
Legendre Coefficients

44-Ru-90



22

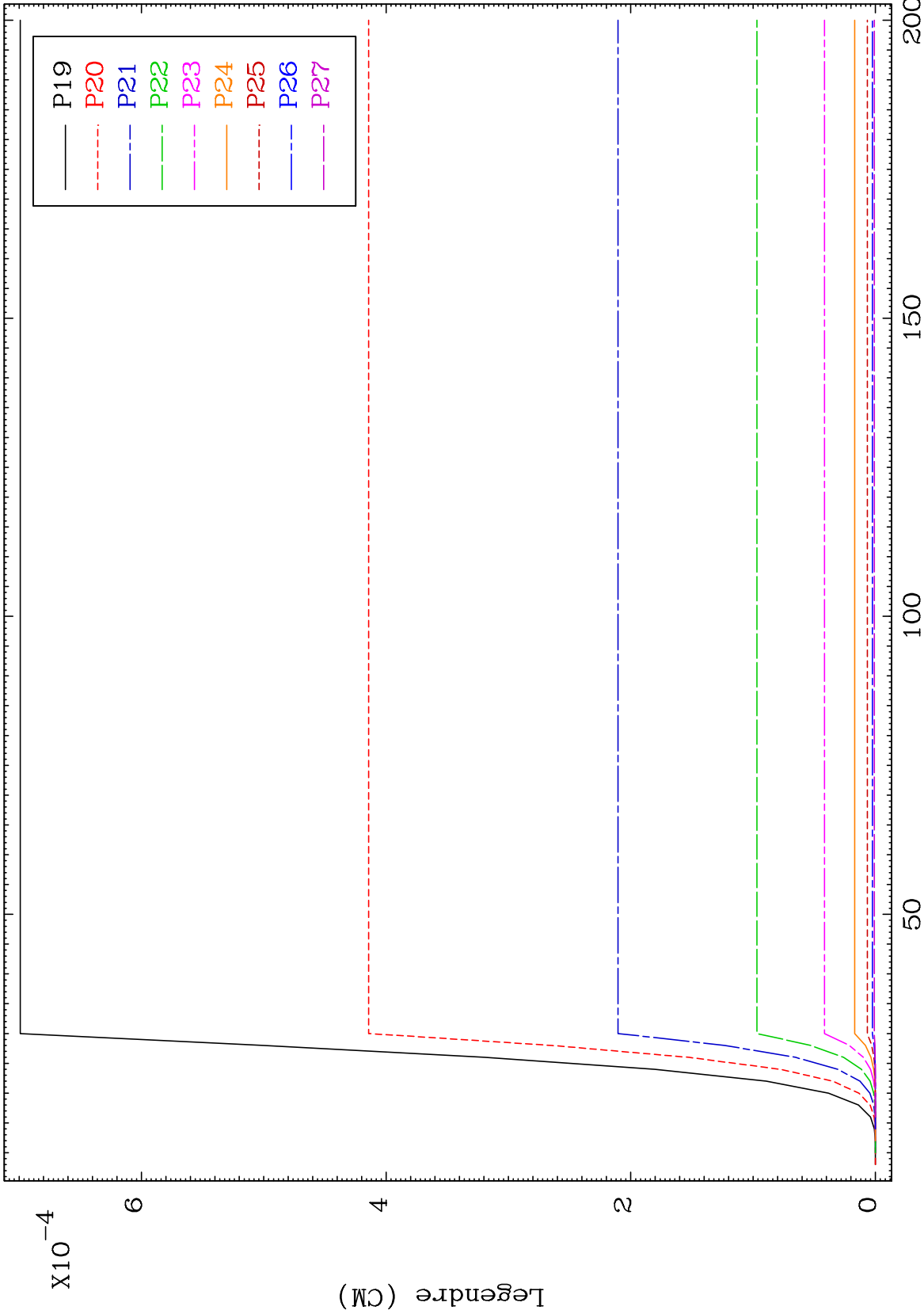
Incident Energy (MeV)

44-Ru-90

MAT 4407

MT= 52 (n,n') Level
Legendre Coefficients

44-Ru-90

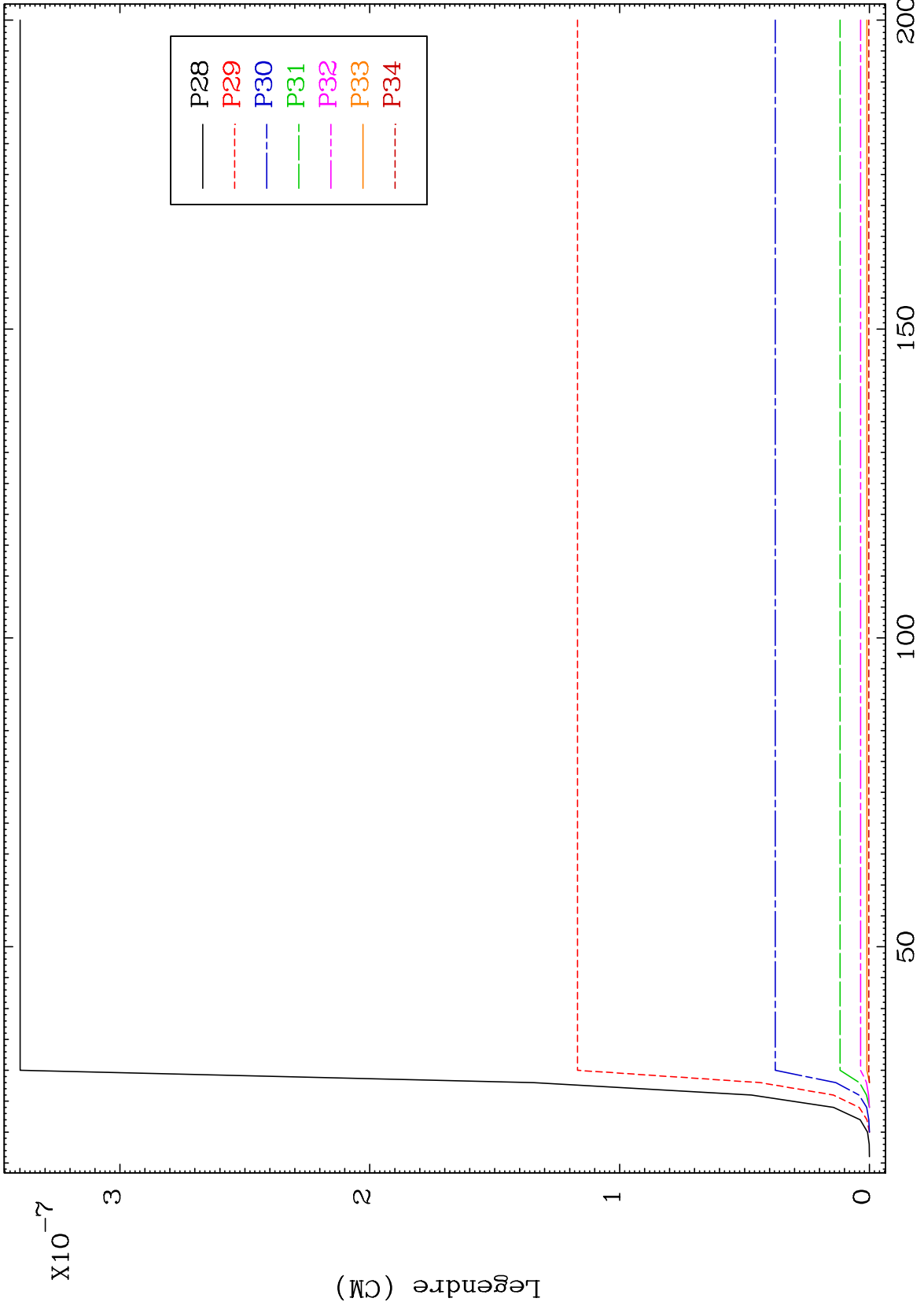


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Incident Energy (MeV)

44-Ru-90

MAT 4407 MT= 52 (n,n') Level Legendre Coefficients 44-Ru-90

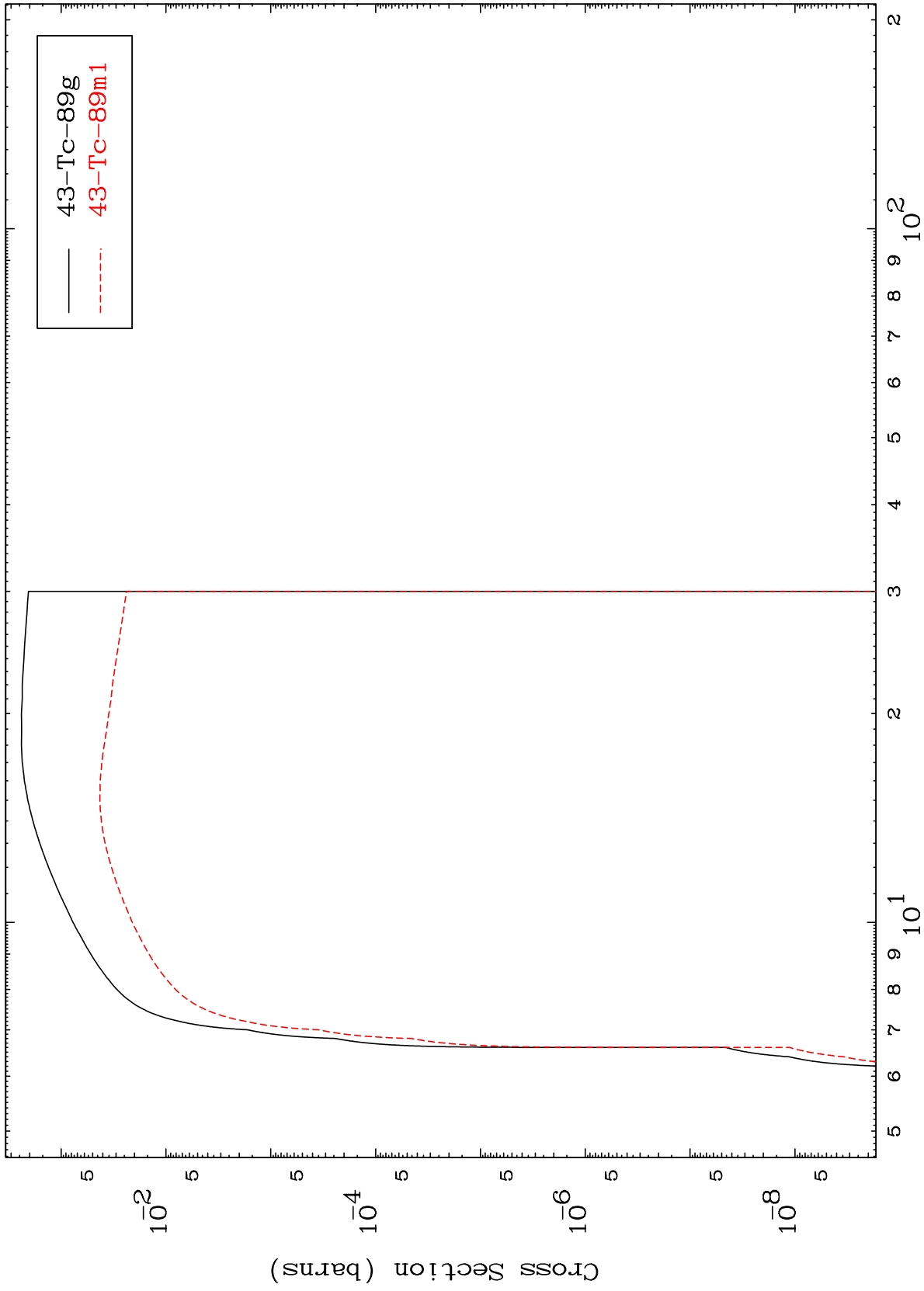


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44-Ru-90

(n, n') p
Radionuclide Production Cross Section



25

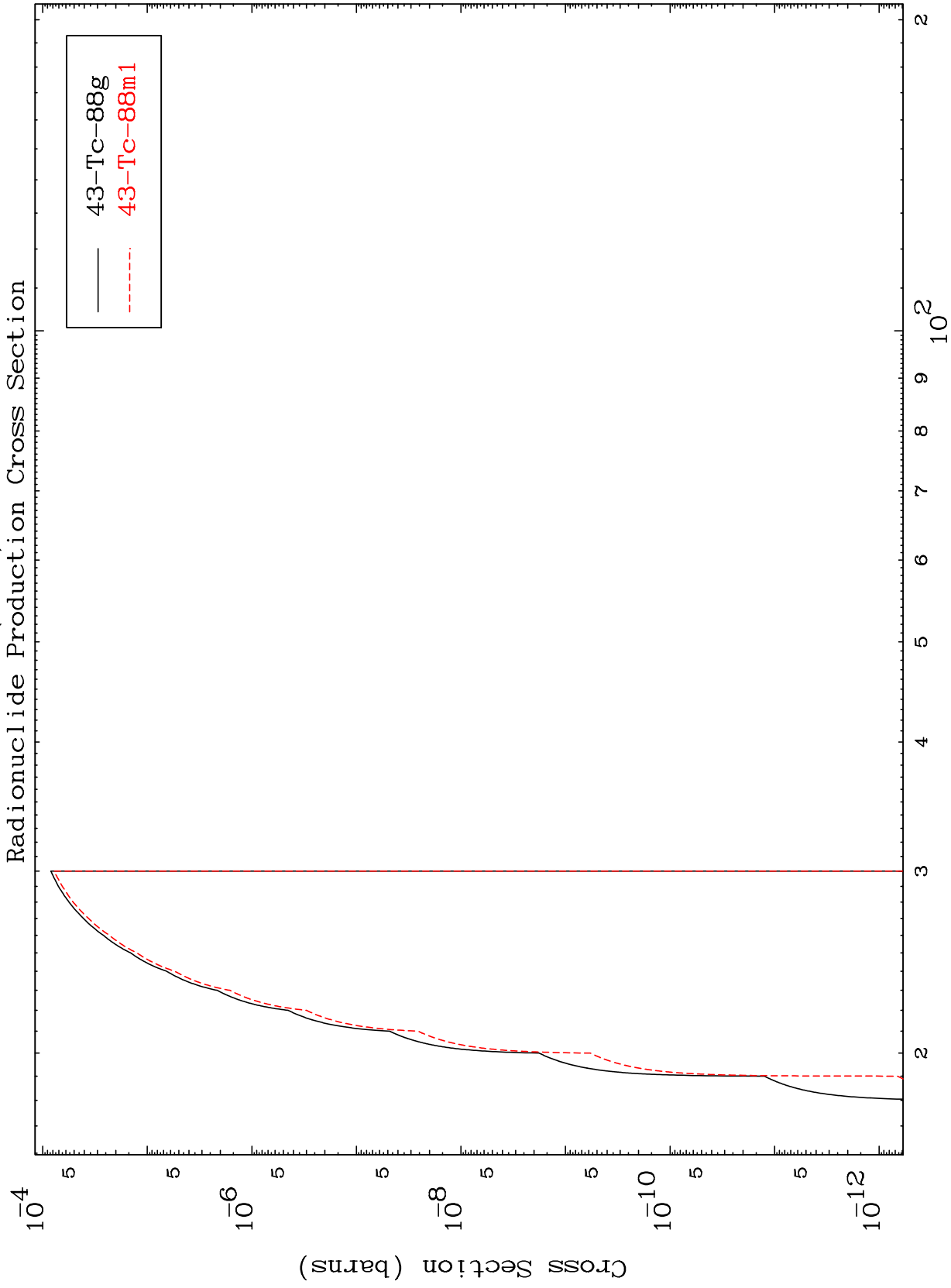
Incident Energy (MeV)

44-Ru-90

MAT 4407

(n,n') d

44-Ru-90



26

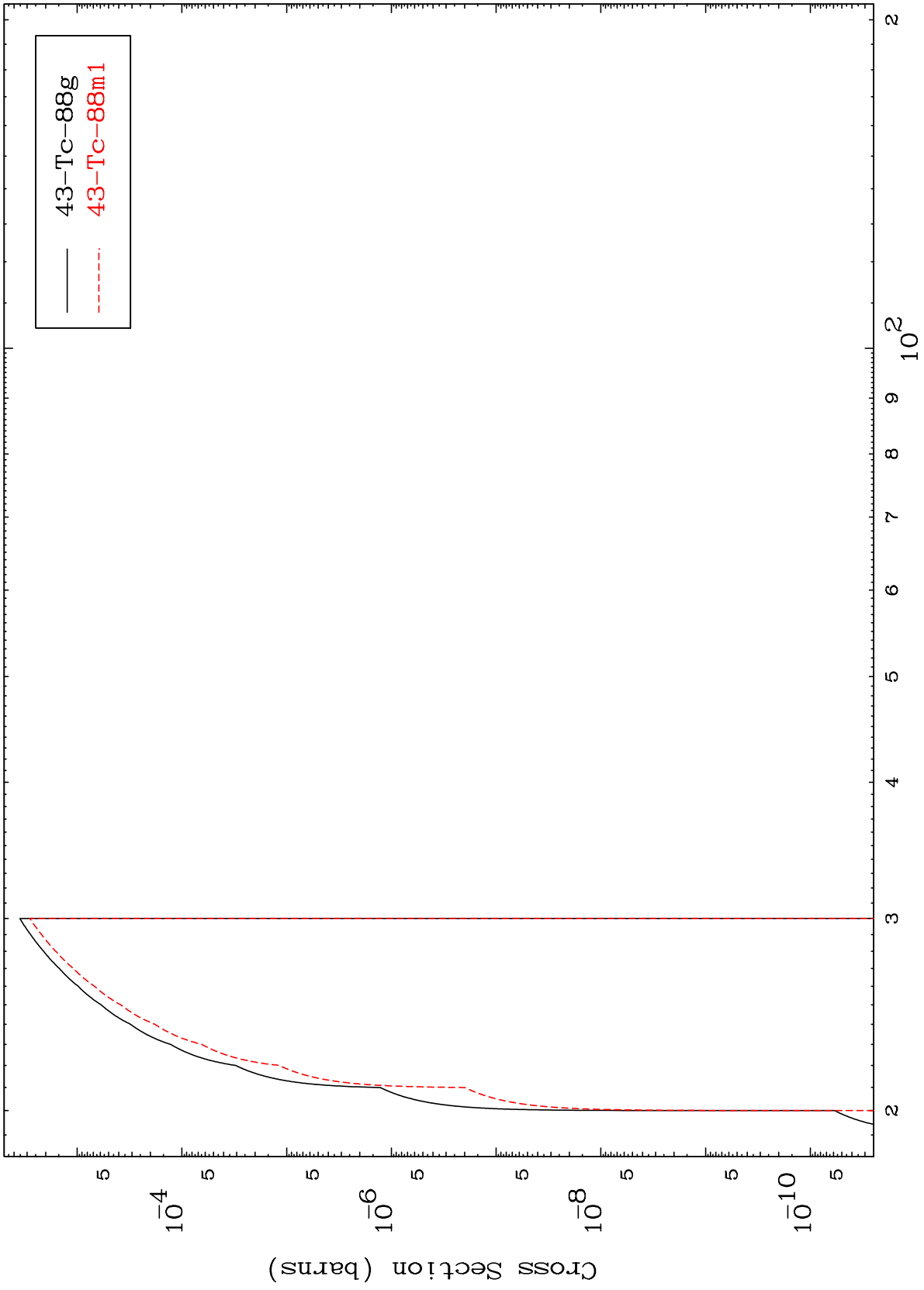
44-Ru-90

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(n,2n) p

44-Ru-90

Radionuclide Production Cross Section



27

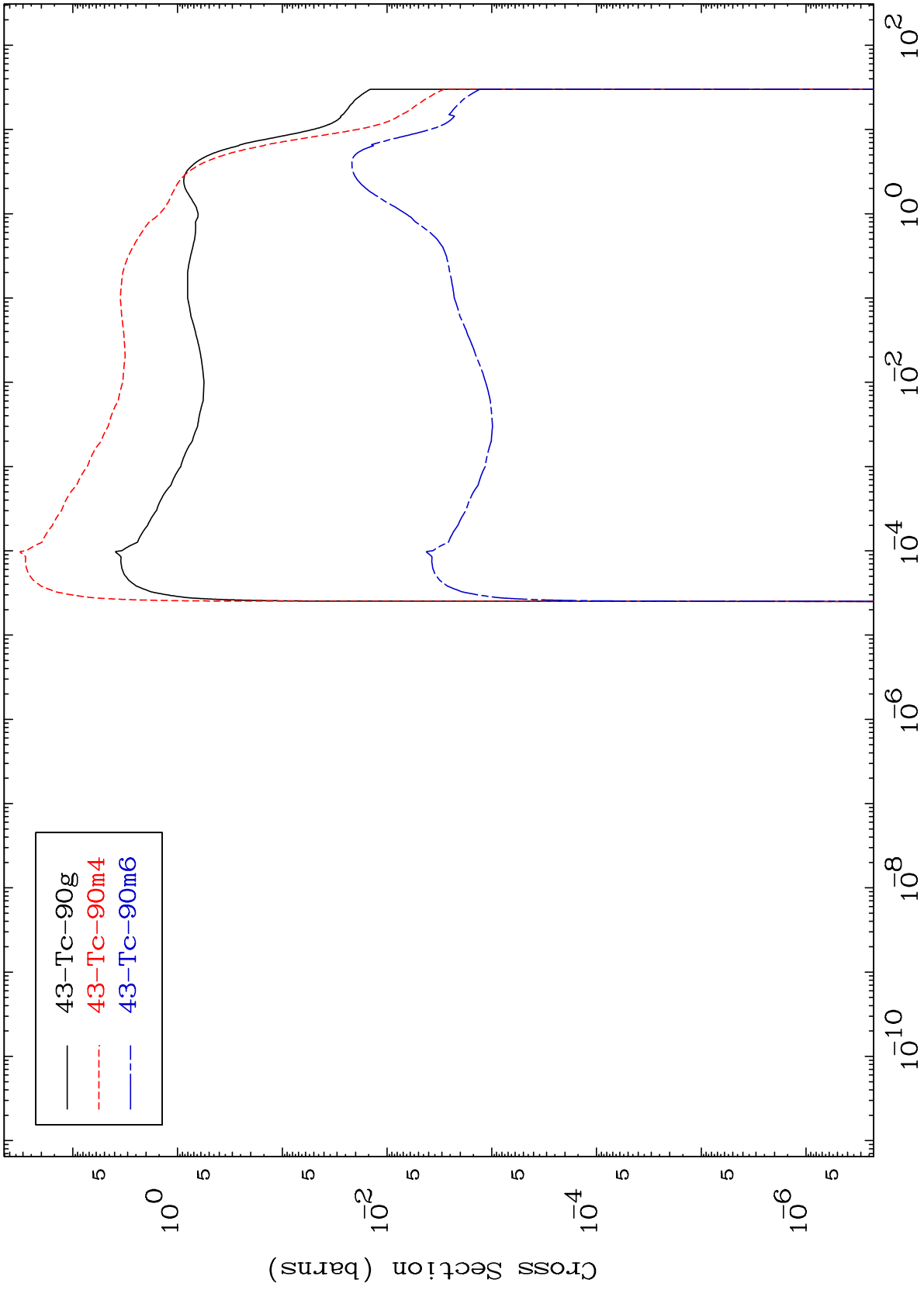
Incident Energy (MeV)

44-Ru-90

MAT 4407

44-Ru-90

(n,p)
Radionuclide Production Cross Section



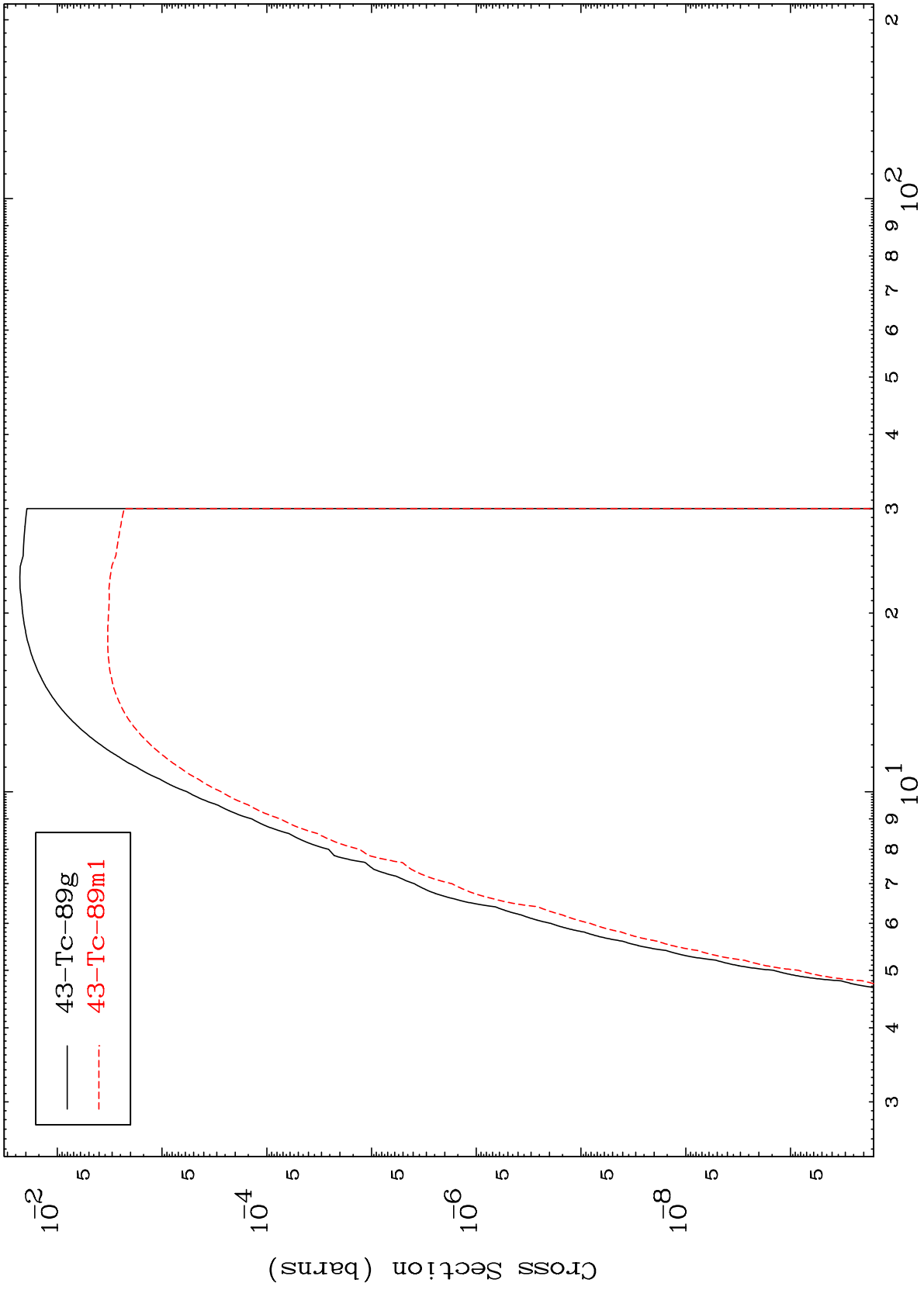
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Radionuclide Production Cross Section
(n,d)

44-Ru-90



29

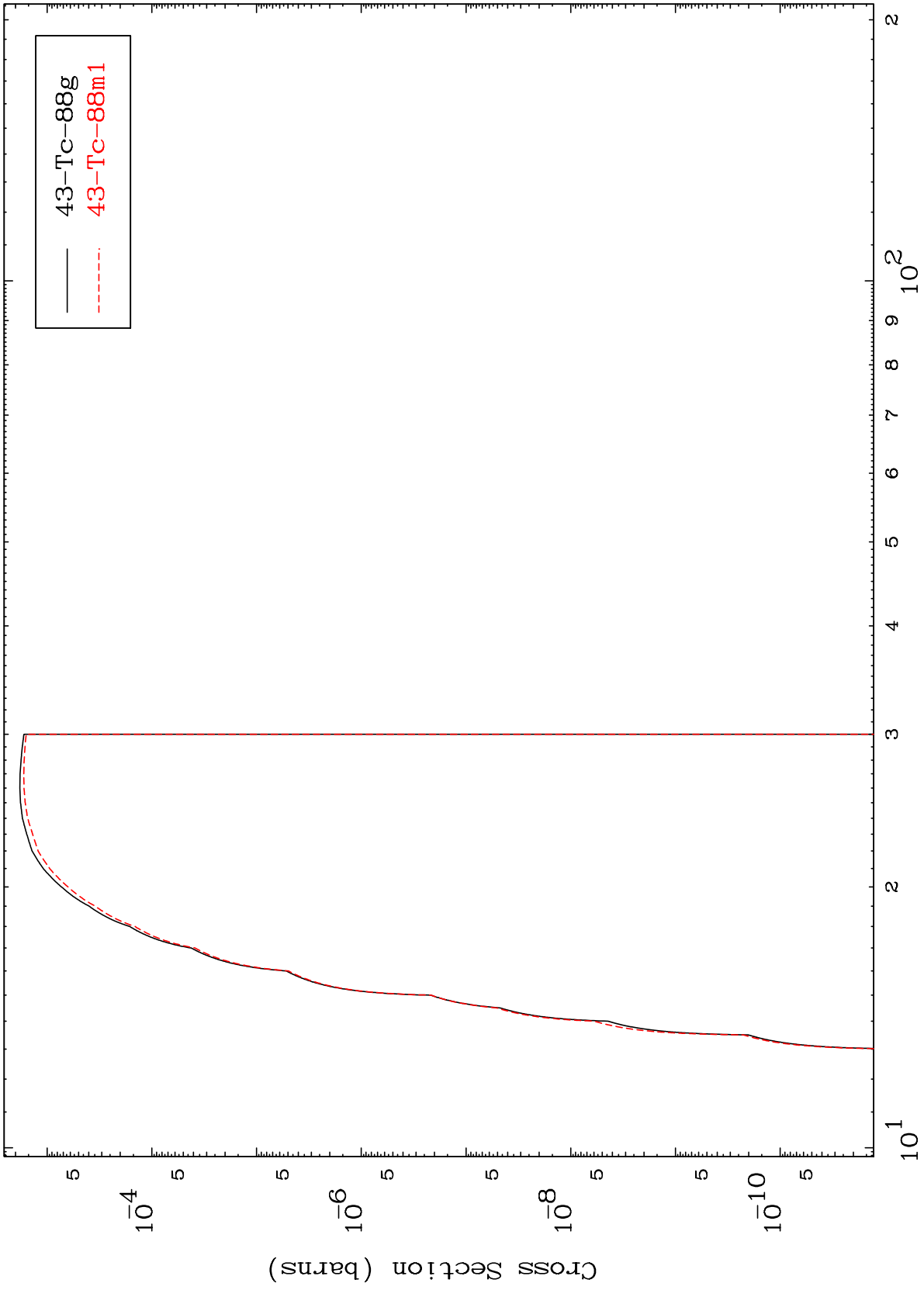
44-Ru-90

MAT 4407

(n, t)

44-Ru-90

Radionuclide Production Cross Section



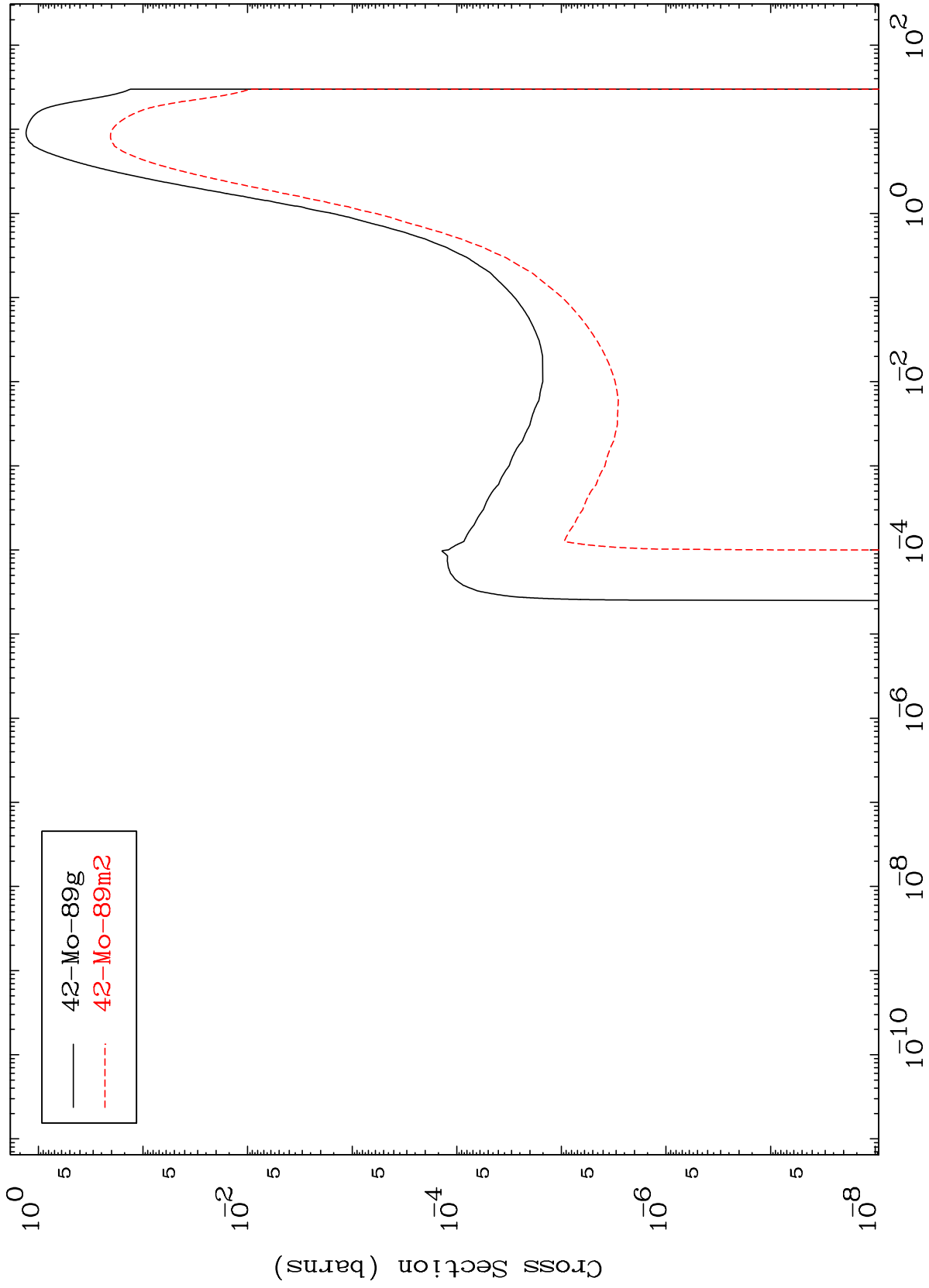
Incident Energy (MeV)

44-Ru-90

MAT 4407

Radionuclide Production Cross Section
(n,2p)

44-Ru-90

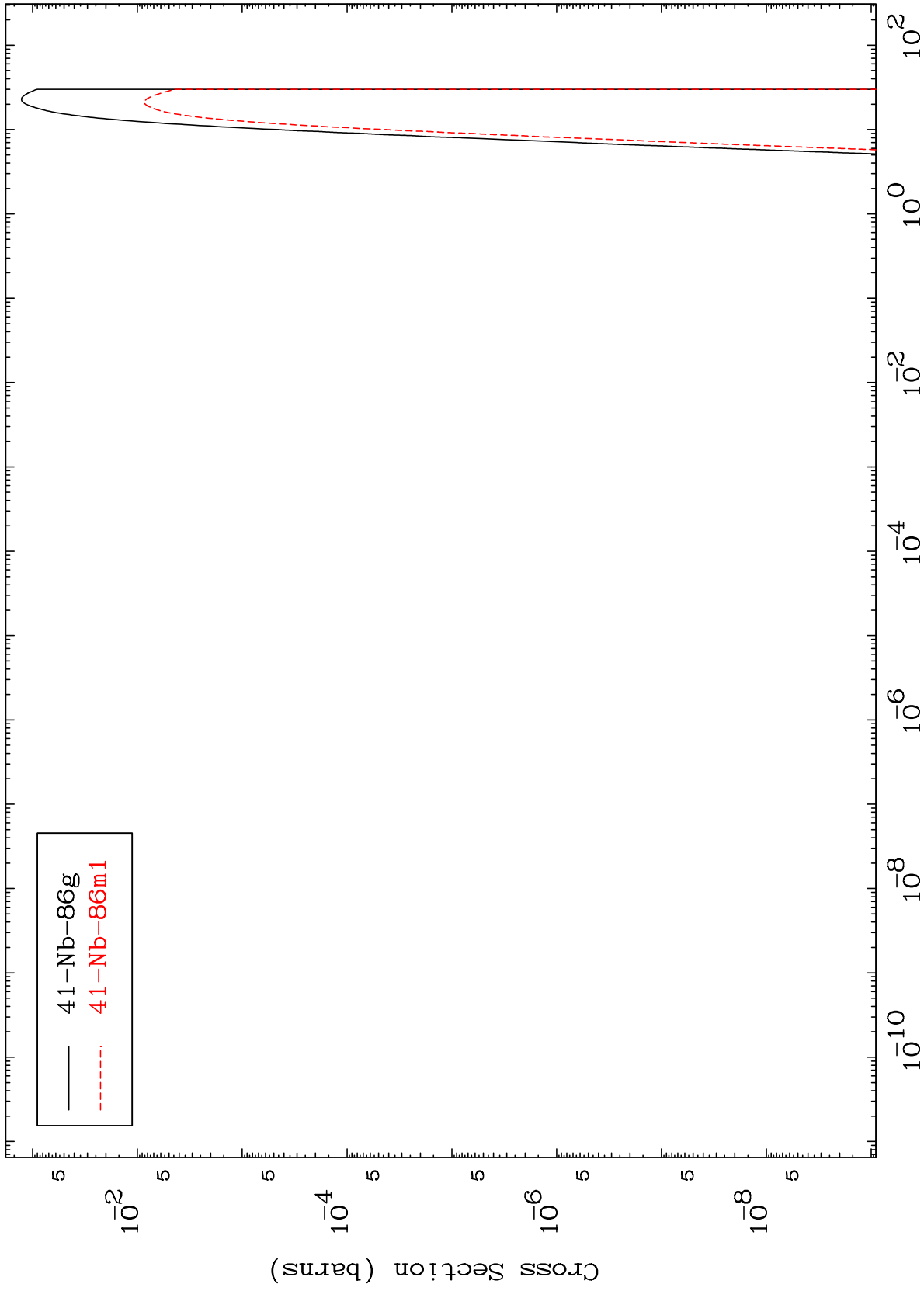


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(n,p) α

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Radionuclide Production Cross Section



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Incident Energy (MeV)

44-Ru-90