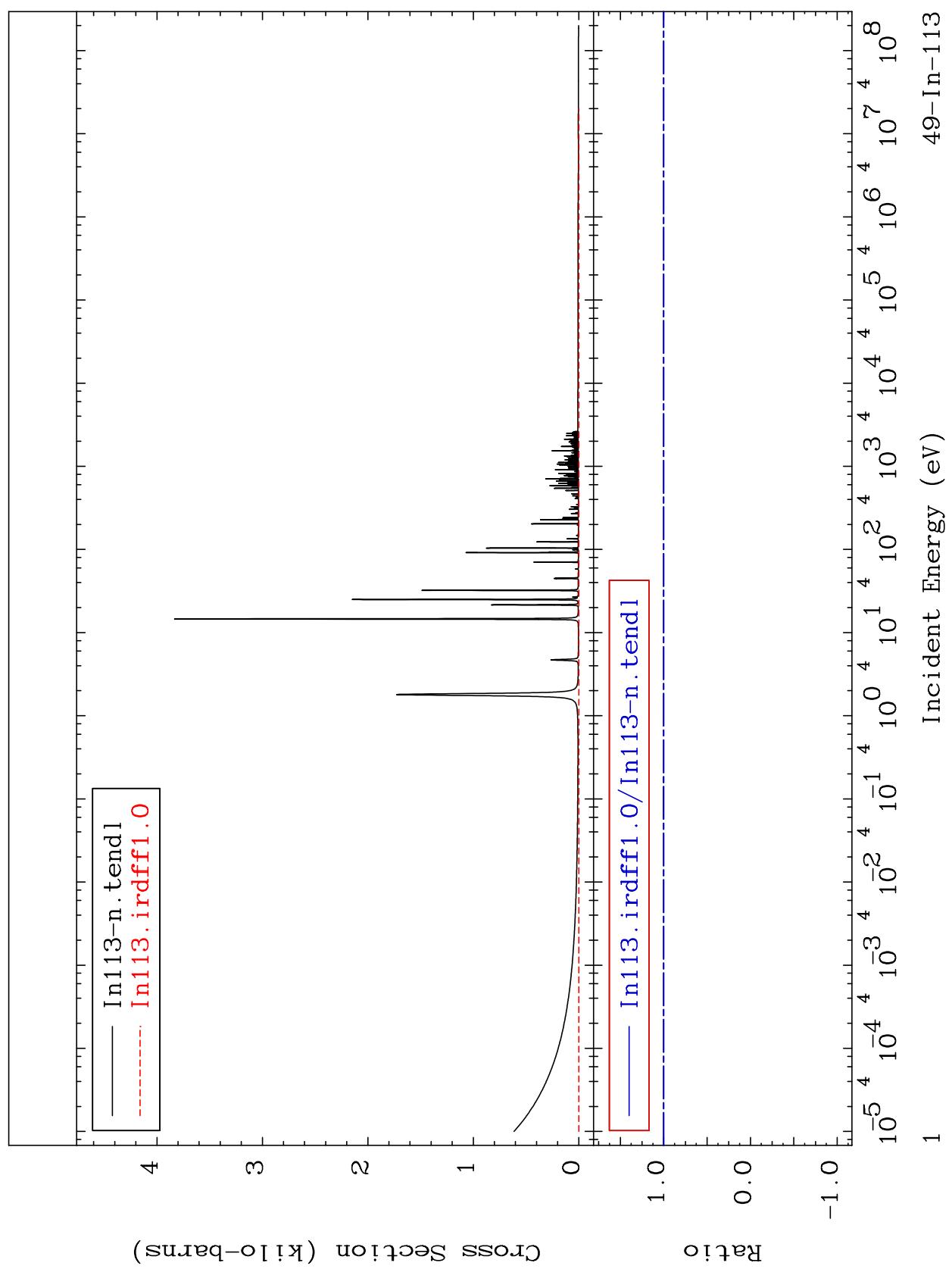


MAT 4925

Total
Cross Section

$^{49}\text{In-113}$
 $-100.0 \text{ To } -100.0\%$



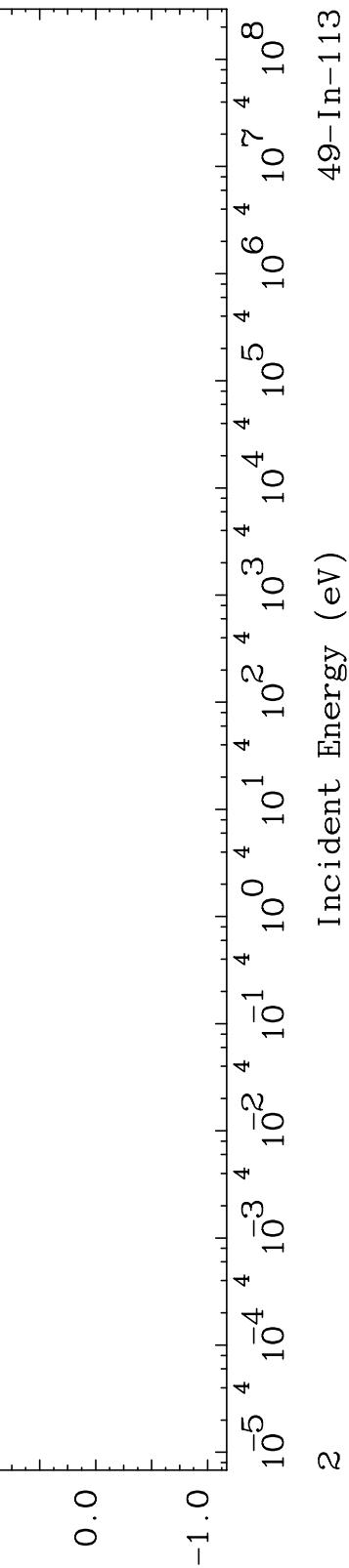
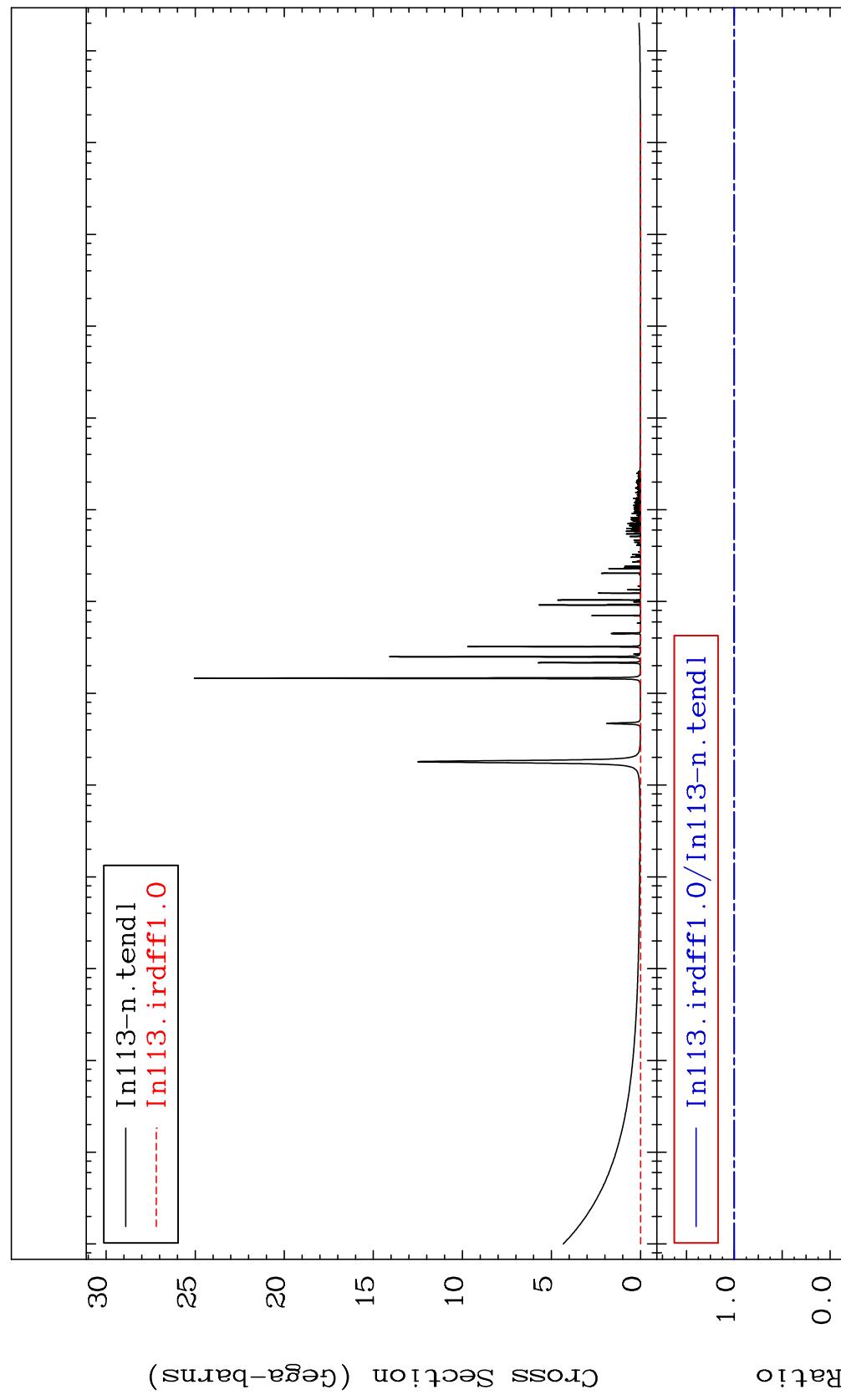
$^{49}\text{In-113}$

1

MAT 4925

Kerma total (eV-barns)
Cross Section

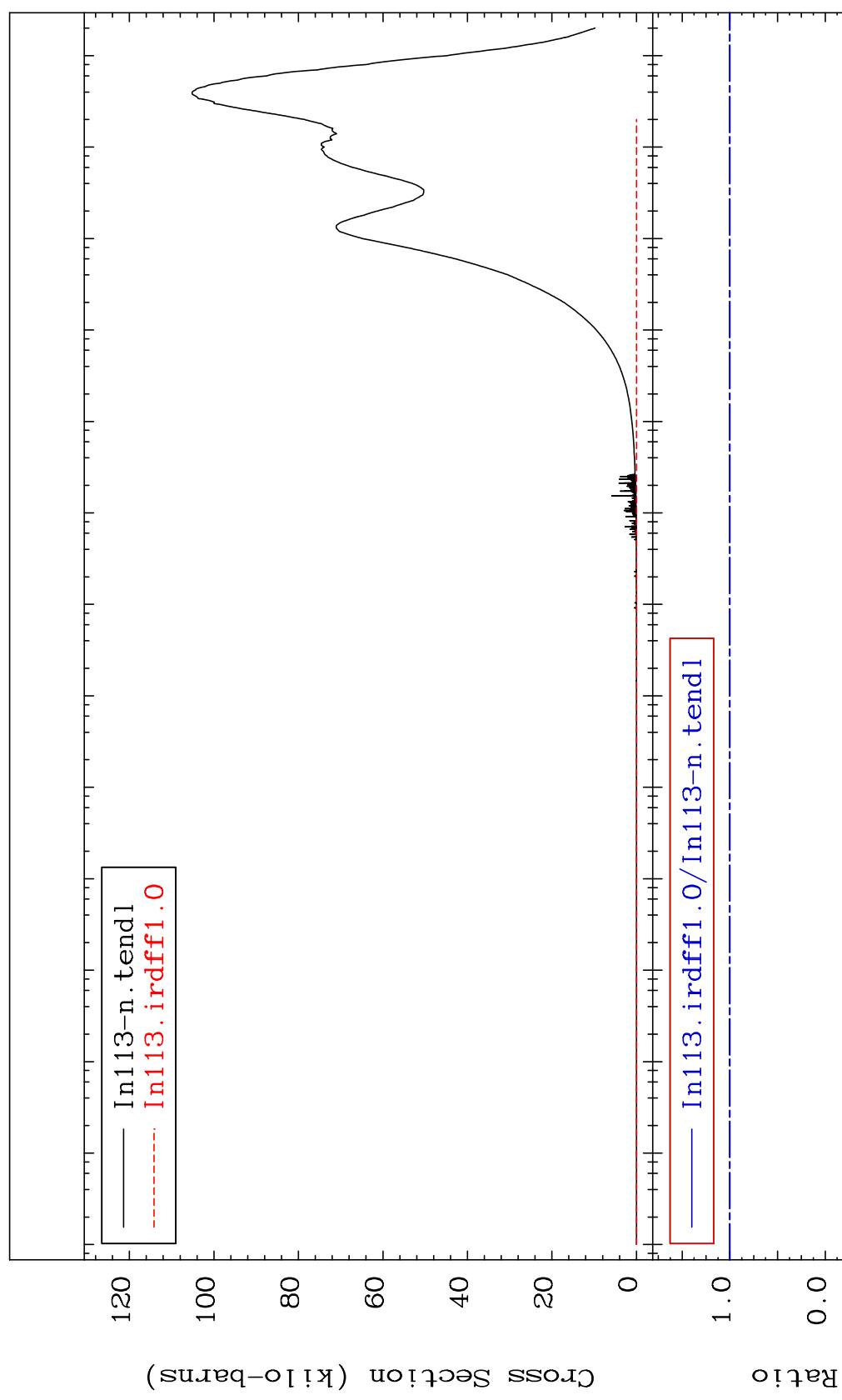
$^{49}\text{-In-113}$
 $-100.0 \text{ To } -100.0\%$



MAT 4925

Kerma elastic
Cross Section

$^{49}\text{-In-113}$
 $-100.0 \text{ To } -100.0\%$



$^{49}\text{-In-113}$
 $-100.0 \text{ To } -100.0\%$

$10^{-5} \quad 10^{-4} \quad 10^{-3} \quad 10^{-2} \quad 10^{-1} \quad 10^0 \quad 10^1 \quad 10^2 \quad 10^3 \quad 10^4 \quad 10^5 \quad 10^6 \quad 10^7 \quad 10^8$

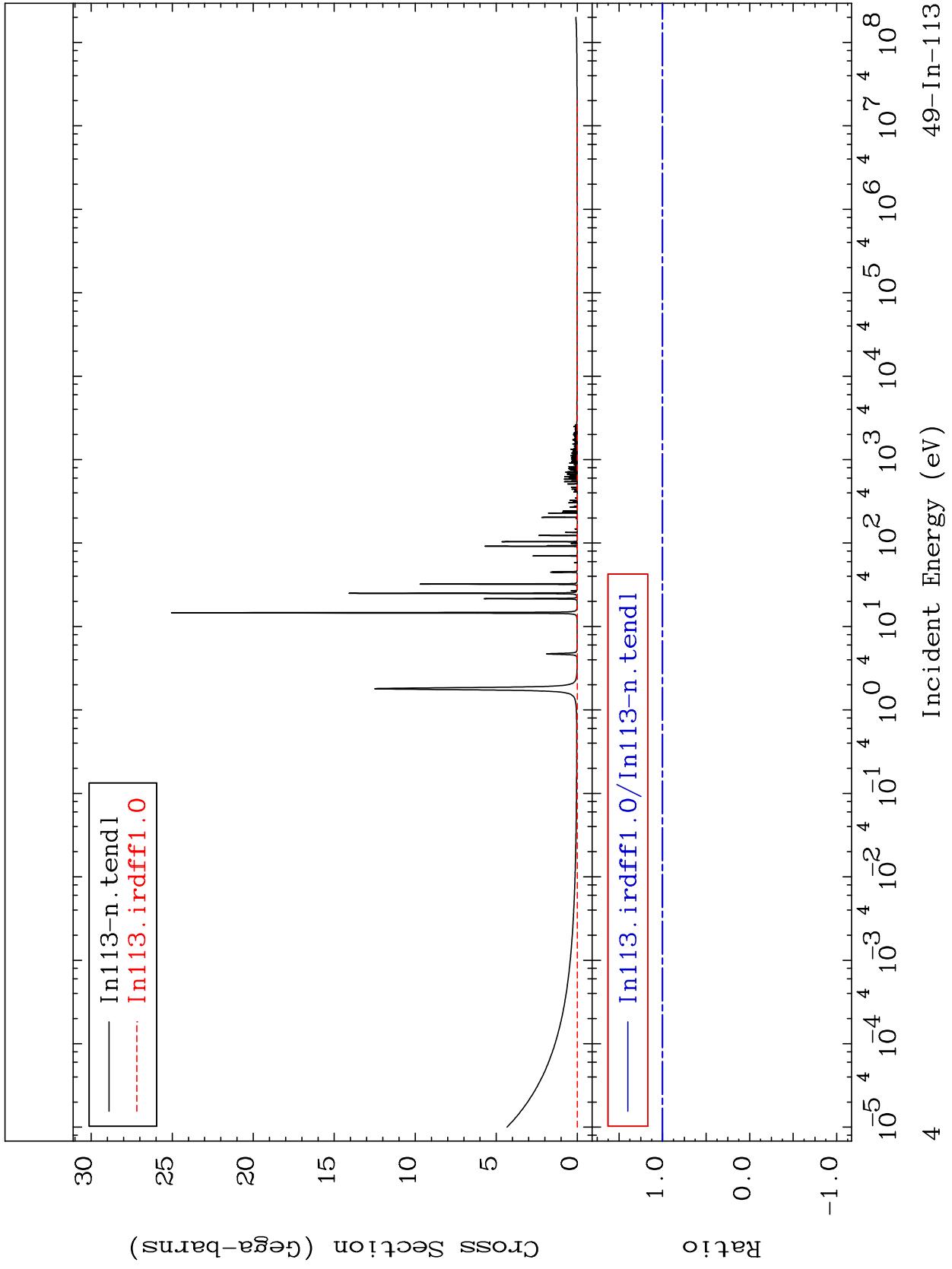
$^{49}\text{-In-113}$

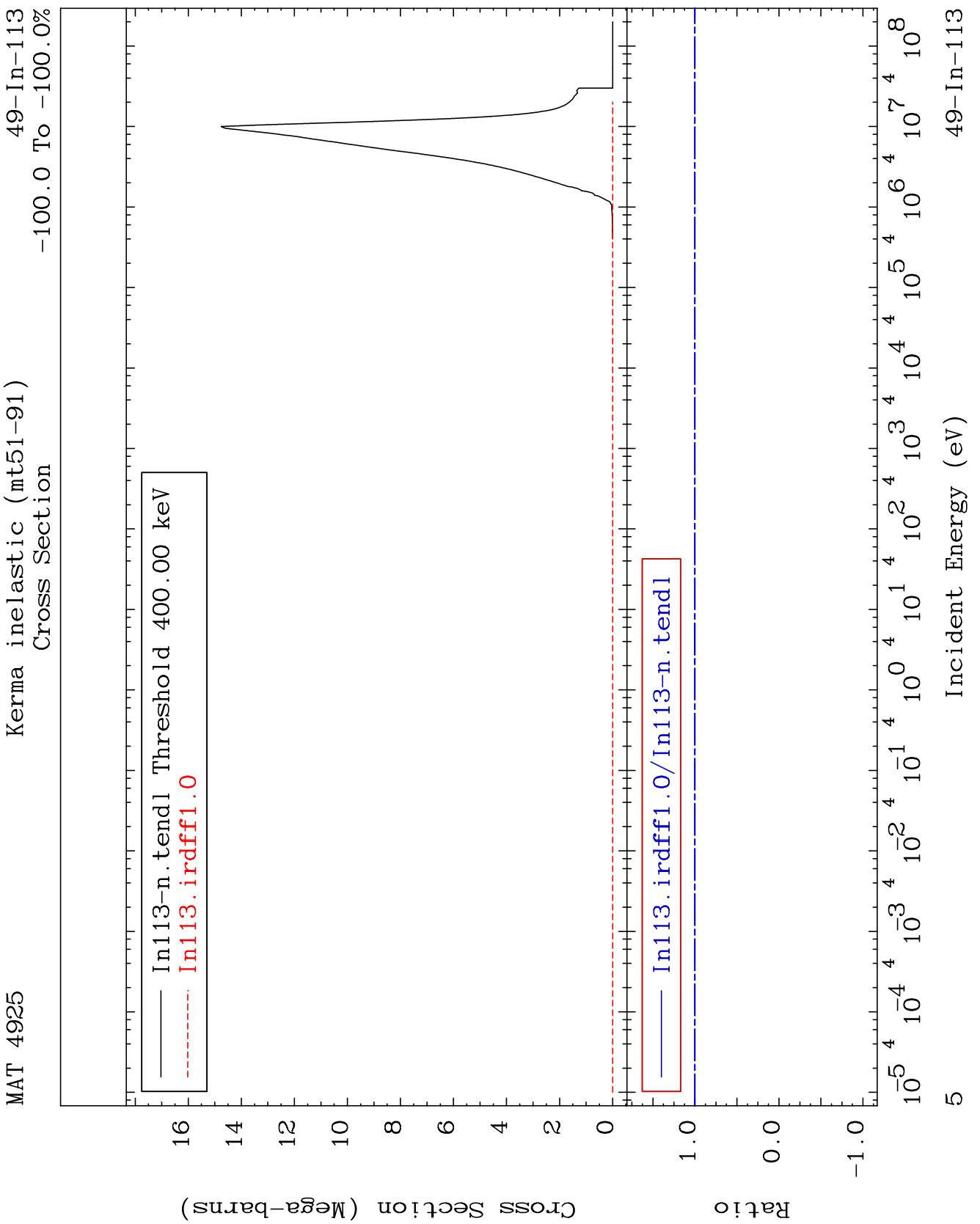
Incident Energy (eV)

3

MAT 4925

Kerma non-elastic (all but mt2) Cross Section -100.0 To -100.0%

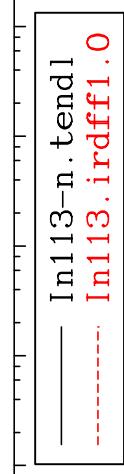




MAT 4925

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

-100.0 To -100.0%



1.0

0.5

0.0

-0.5

-1.0

Cross Section (barns)

Ratio

-1.0

0.0

1.0

10^{-5}

10^{-4}

10^{-3}

10^{-2}

10^{-1}

10^0

10^1

10^2

10^3

10^4

10^5

10^6

10^7

10^8

6

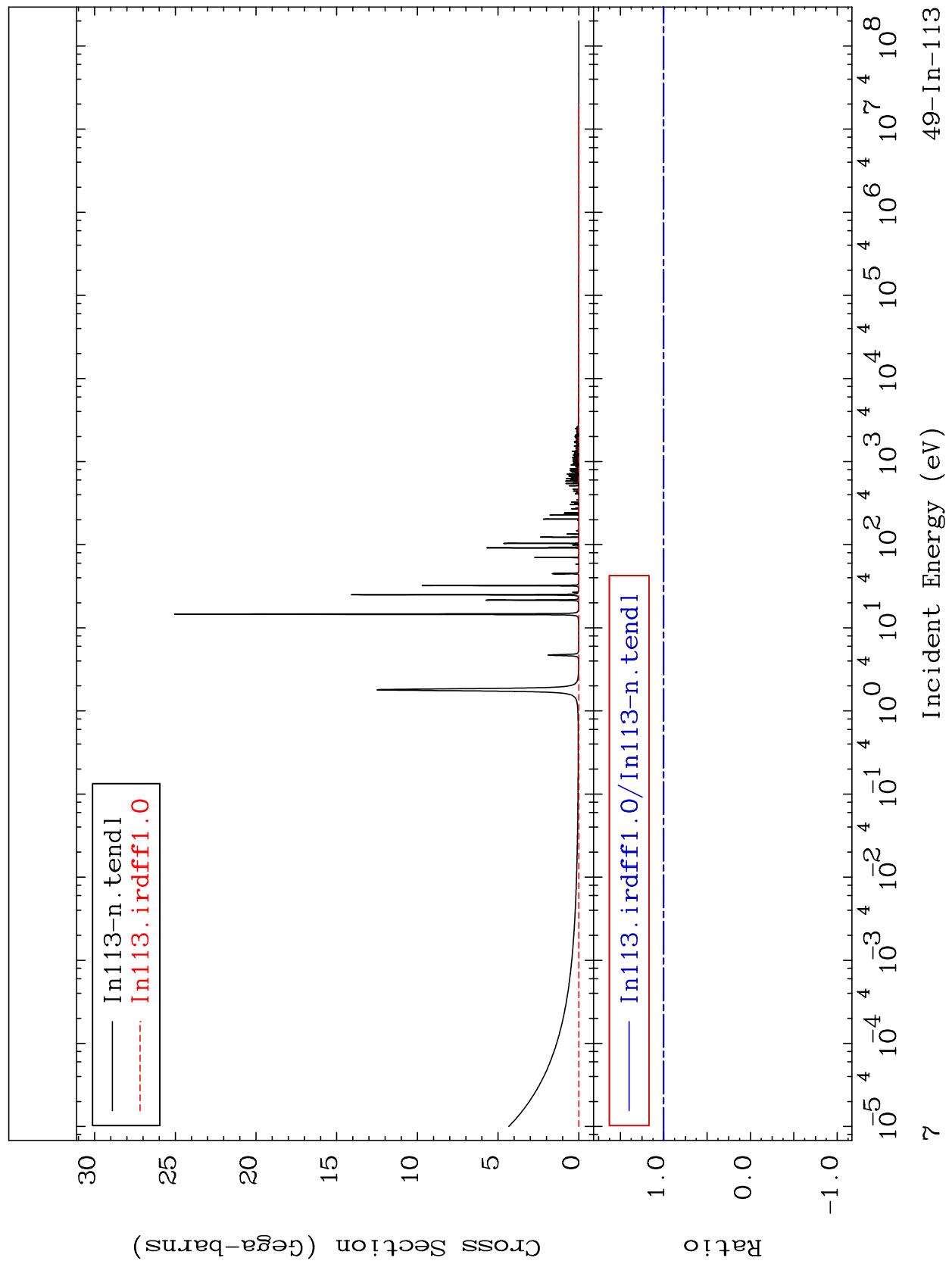
Incident Energy (eV)

49-In-113

MAT 4925

Kerma capture (mt102)
Cross Section

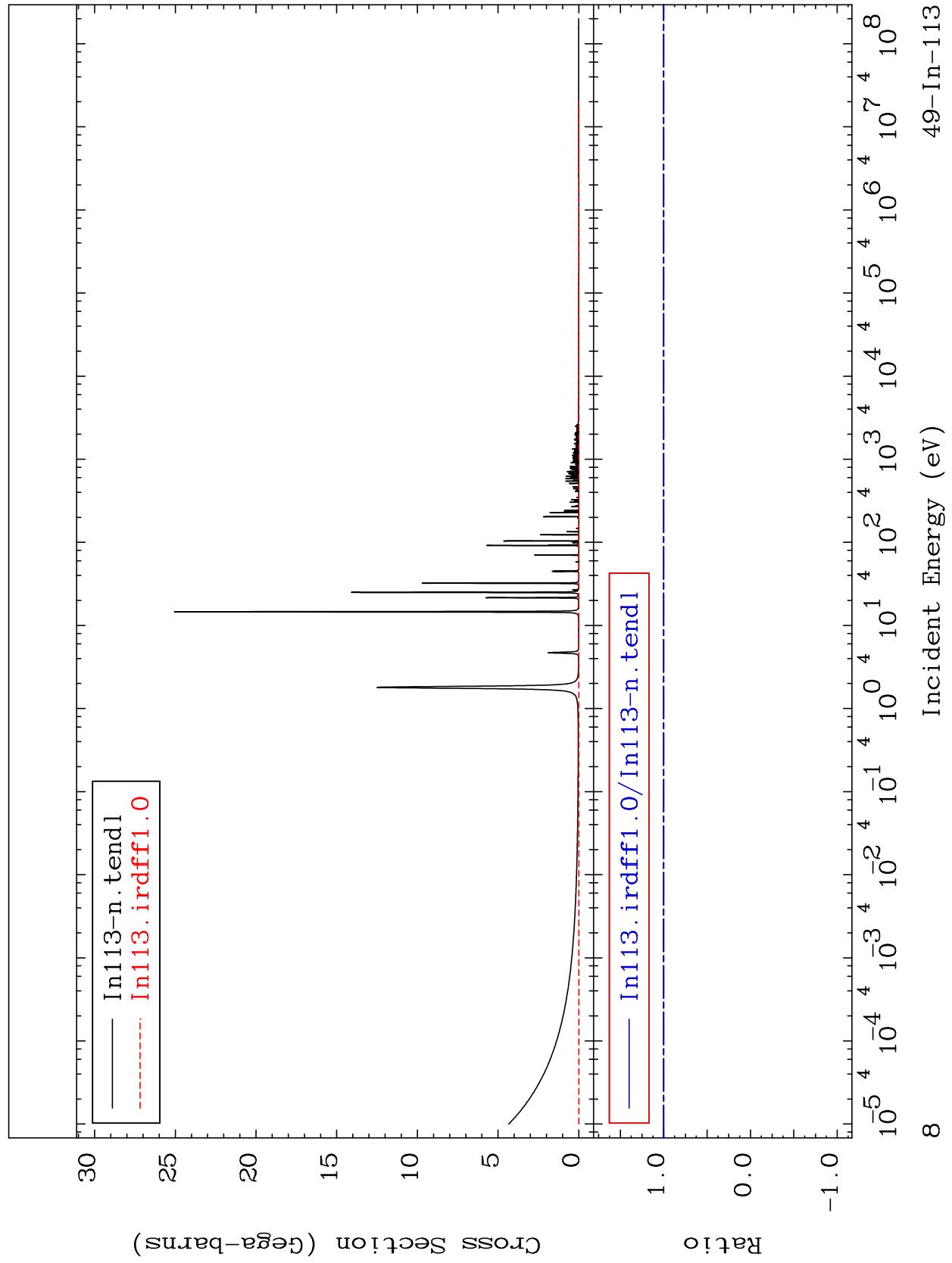
$^{49}\text{-In-113}$
 γ -100.0 To -100.0%



MAT 4925

Total photon (eV-barns)
Cross Section

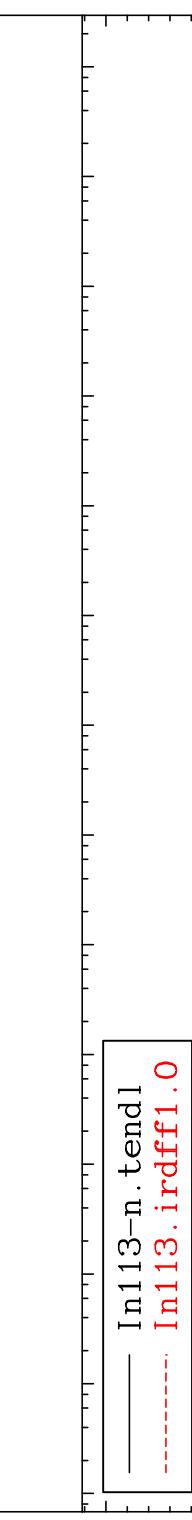
$^{49}\text{-In-113}$
 $\text{To} - 100.0\%$



MAT 4925

Total kinematic kerma (high limit)
Cross Section

-100.0 To -100.0%



Cross Section (Geega-bars)

Ratio

$10^{-5} \quad 10^{-4} \quad 10^{-3} \quad 10^{-2} \quad 10^{-1} \quad 10^0 \quad 10^1 \quad 10^2 \quad 10^3 \quad 10^4 \quad 10^5 \quad 10^6 \quad 10^7 \quad 10^8$

9

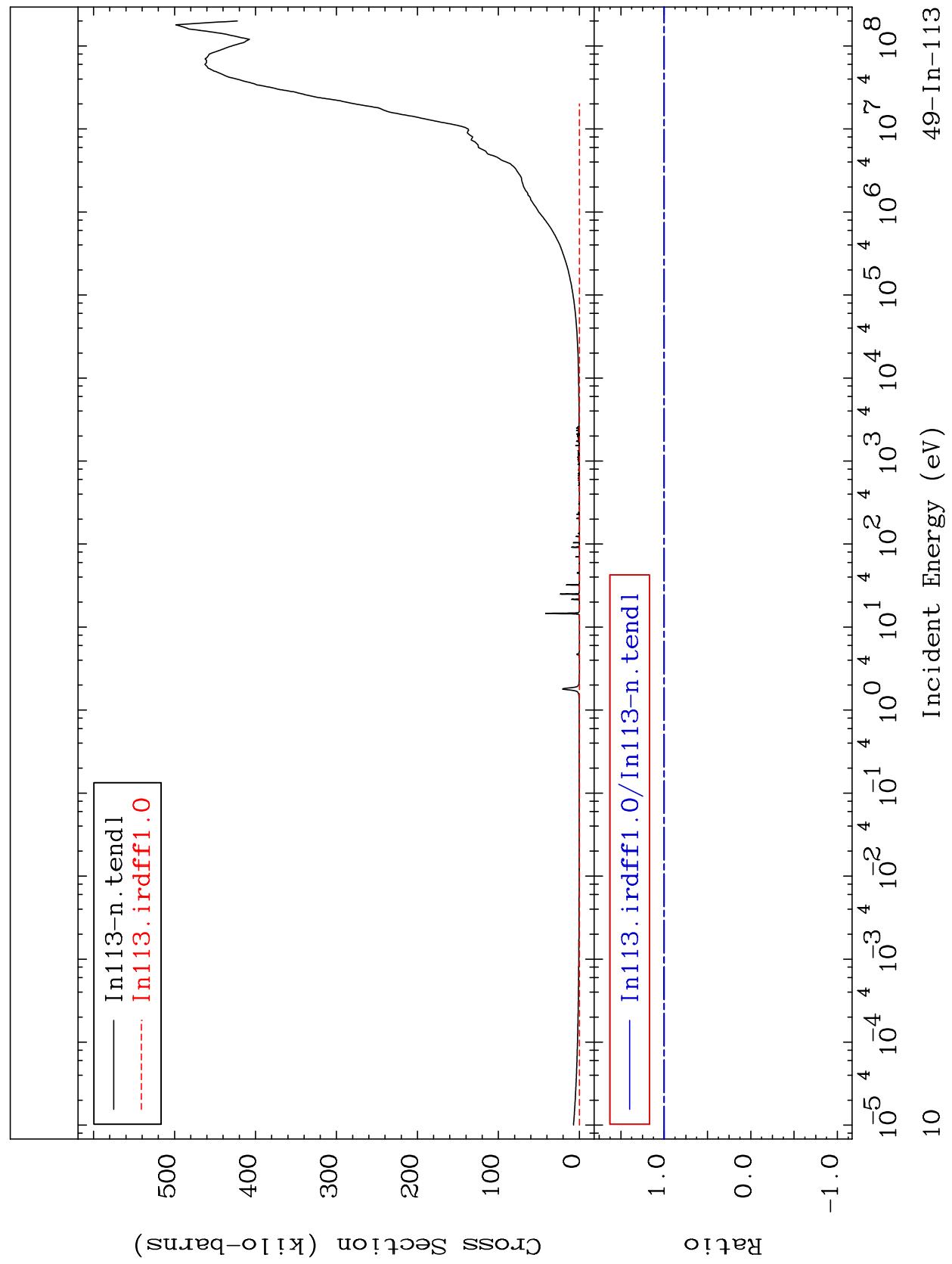
Incident Energy (eV)

49-In-113

MAT 4925

Dpa total (eV-barns)
Cross Section

$49-\text{In}-113$
 $-100.0 \text{ To } -100.0\%$



$49-\text{In}-113$
 $-100.0 \text{ To } -100.0\%$

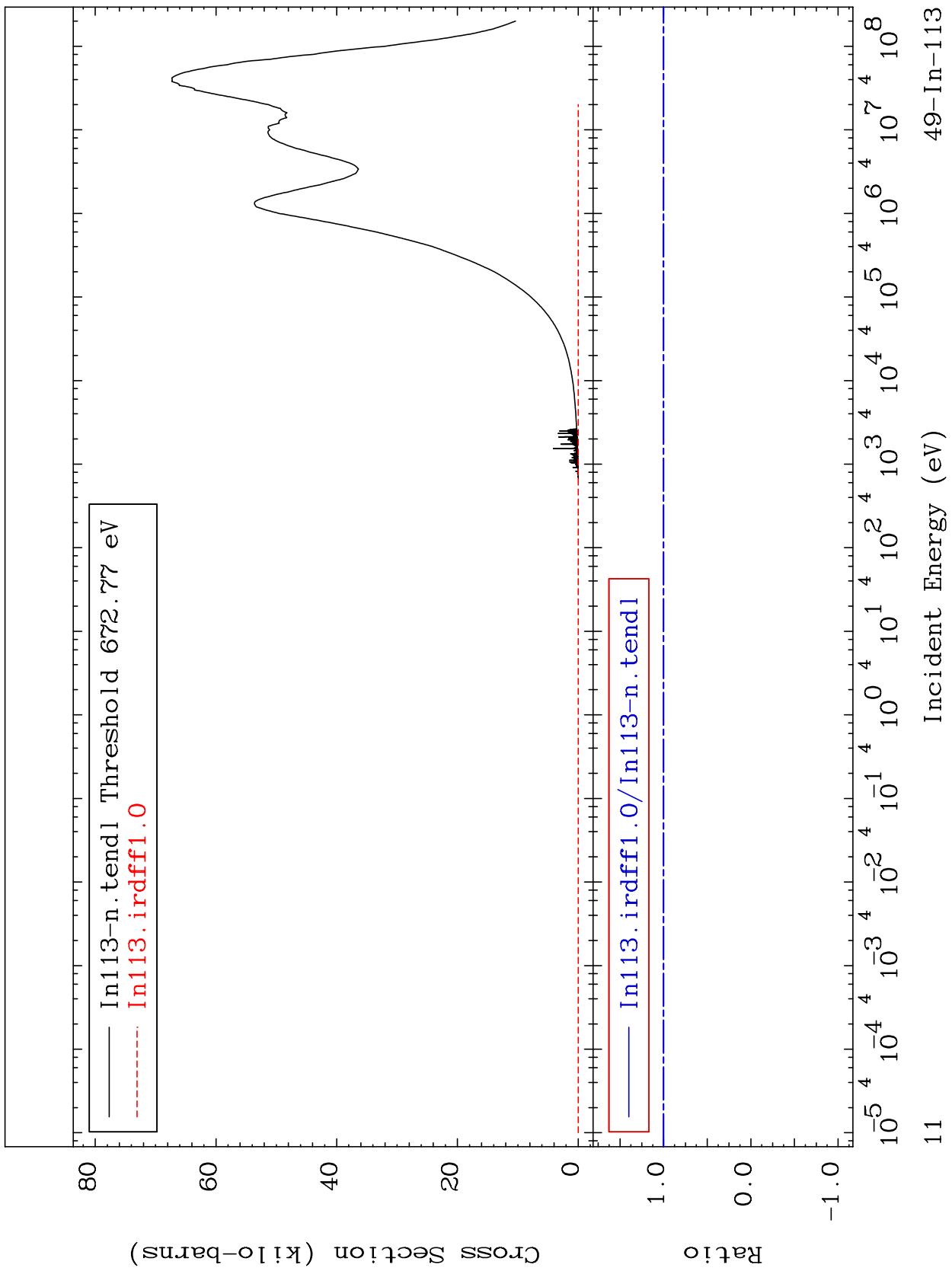
Dpa total (eV-barns)
Cross Section

$49-\text{In}-113$
 $-100.0 \text{ To } -100.0\%$

MAT 4925

Dpa elastic (mt2)
Cross Section

$^{49}\text{-In-113}$
 $-100.0 \text{ To } -100.0\%$



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49-In-113

MAT 4925

Dpa inelastic (mt51-91)
Cross Section

$49-\text{In}-113$
 $-100.0 \text{ To } -100.0\%$

Cross Section (kilo-bars)

1.0

0.0

-1.0

Ratio

12

8

4

0

-4

-8

-12

-16

-20

-24

-28

-32

-36

-40

-44

-48

-52

-56

-60

-64

-68

-72

-76

-80

-84

-88

-92

-96

-100

-104

-108

-112

-116

-120

-124

-128

-132

-136

-140

-144

-148

-152

-156

-160

-164

-168

-172

-176

-180

-184

-188

-192

-196

-200

-204

-208

-212

-216

-220

-224

-228

-232

-236

-240

-244

-248

-252

-256

-260

-264

-268

-272

-276

-280

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-288

-292

-296

-300

-304

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-320

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-332

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-400

-404

-408

-412

-416

-420

-424

-428

-432

-436

-440

-444

-448

-452

-456

-460

-464

-468

-472

-476

-480

-484

-488

-492

-496

-500

-504

-508

-512

-516

-520

-524

-528

-532

-536

-540

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-556

-560

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-576

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-584

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-596

-600

-604

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-636

-640

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-648

-652

-656

-660

-664

-668

-672

-676

-680

-684

-688

-692

-696

-700

-704

-708

-712

-716

-720

-724

-728

-732

-736

-740

-744

-748

-752

-756

-760

-764

-768

-772

-776

-780

-784

-788

-792

-796

-800

-804

-808

-812

-816

-820

-824

-828

-832

-836

-840

-844

-848

-852

-856

-860

-864

-868

-872

-876

-880

-884

-888

-892

-896

-900

-904

-908

-912

-916

-920

-924

-928

-932

-936

-940

-944

-948

-952

-956

-960

-964

-968

-972

-976

-980

-984

-988

-992

-996

-1000

-1004

-1008

-1012

-1016

-1020

-1024

-1028

-1032

-1036

-1040

-1044

-1048

-1052

-1056

-1060

-1064

-1068

-1072

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-1088

-1092

-1096

-1100

-1104

-1108

-1112

-1116

-1120

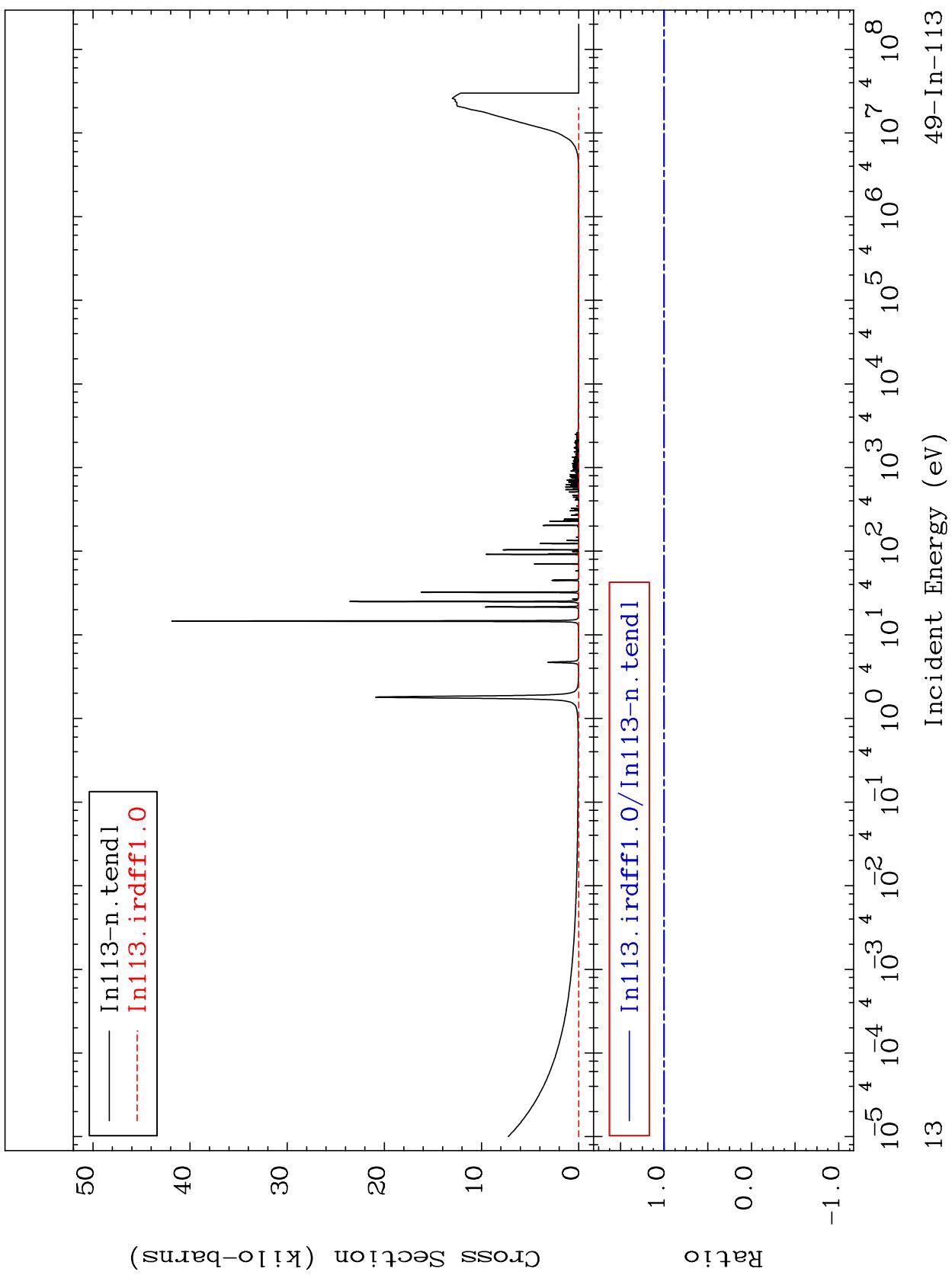
-1124

MAT 4925

Dpa disappearance (mt102 -120)

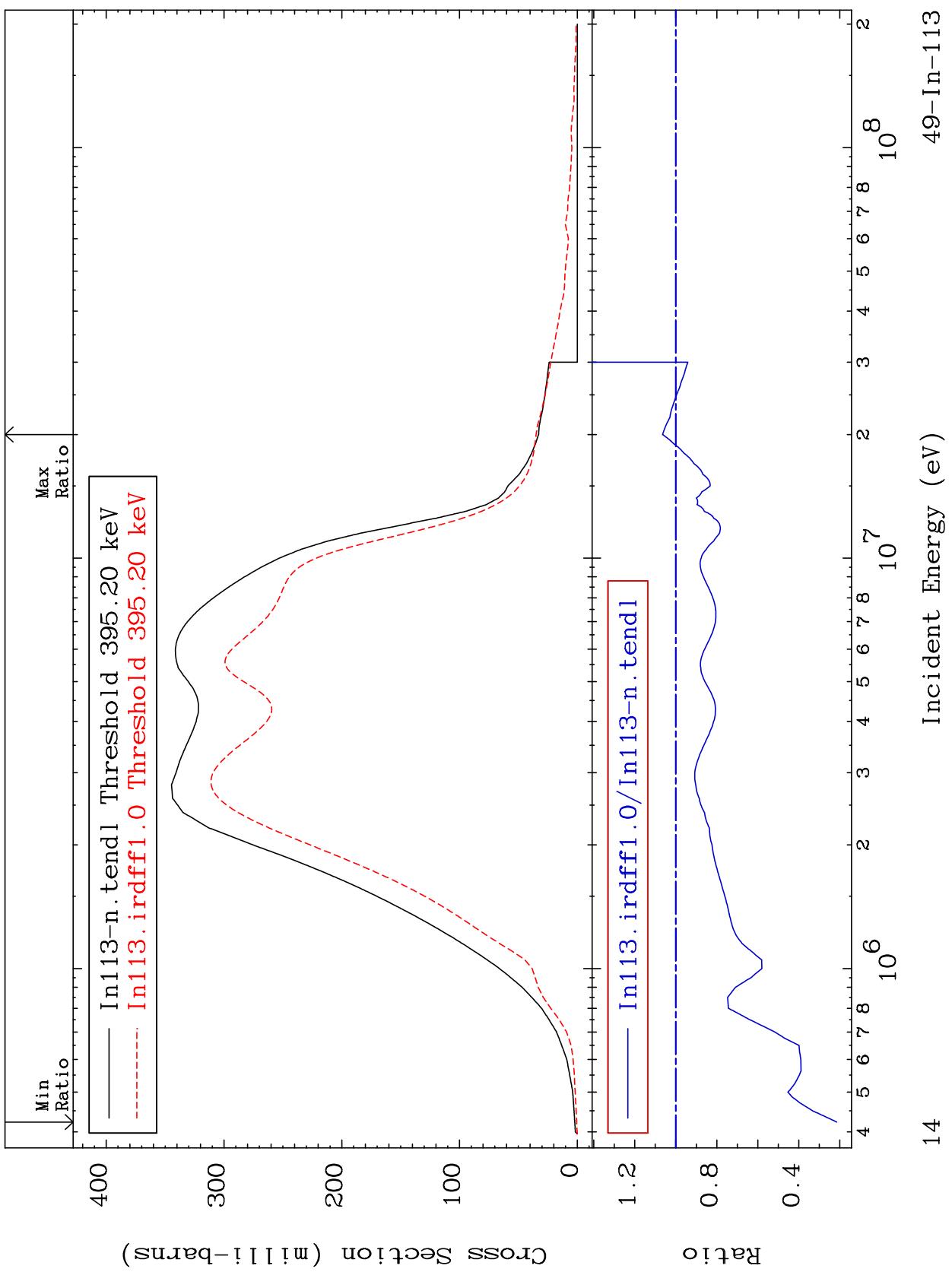
Cross Section

$^{49}\text{In-113}$
 $\text{To} - 100.0\%$



MAT 4925

Inelastic:49-In-113m1
Radionuclide Production Cross Section -78.47 To 6.447 %



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49-In-113